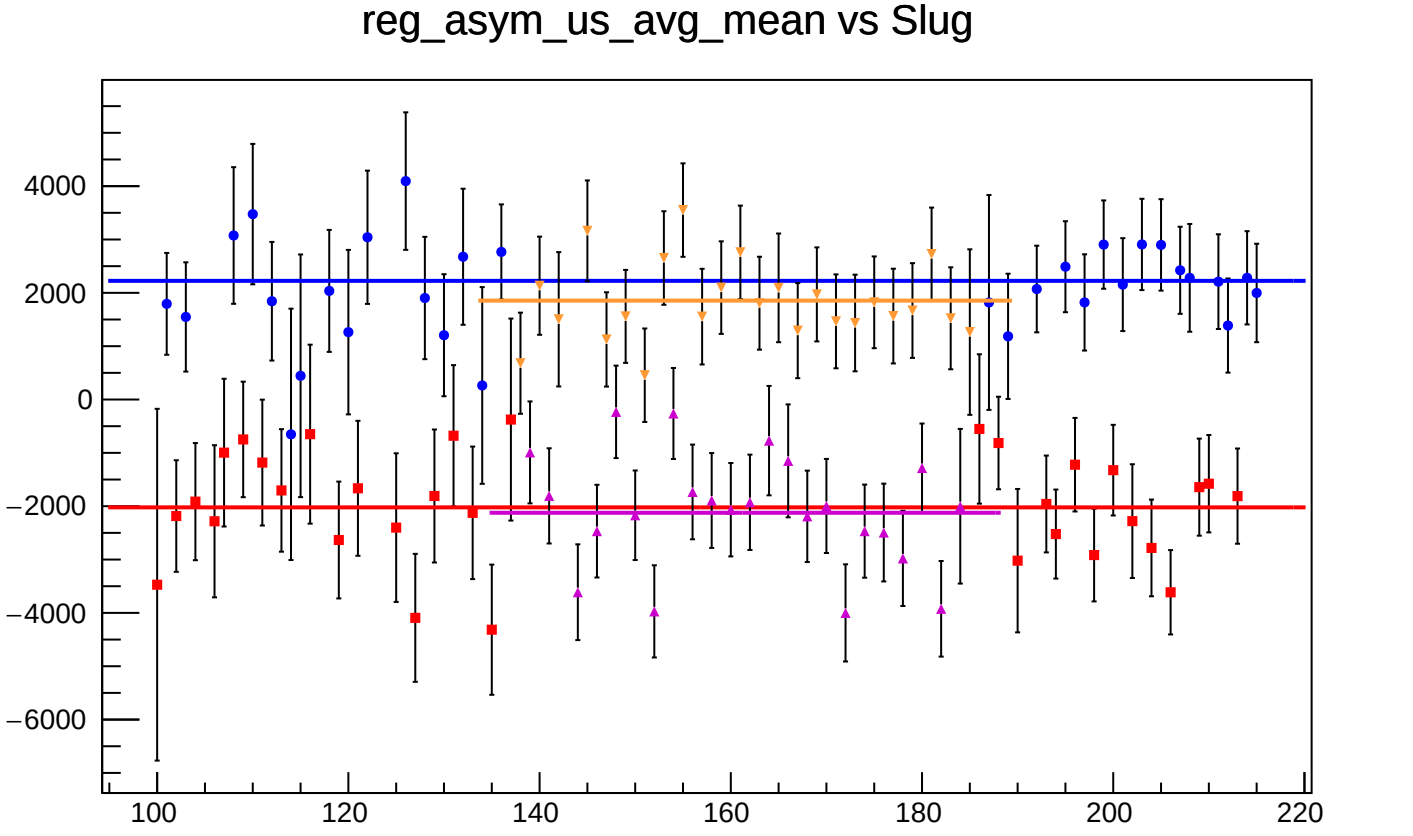


Right In: 2224.933+/-186.817 χ^2/NDF: 13.8/30

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

Right Out: -2021.592+/-190.957 χ^2/NDF: 24.0/31

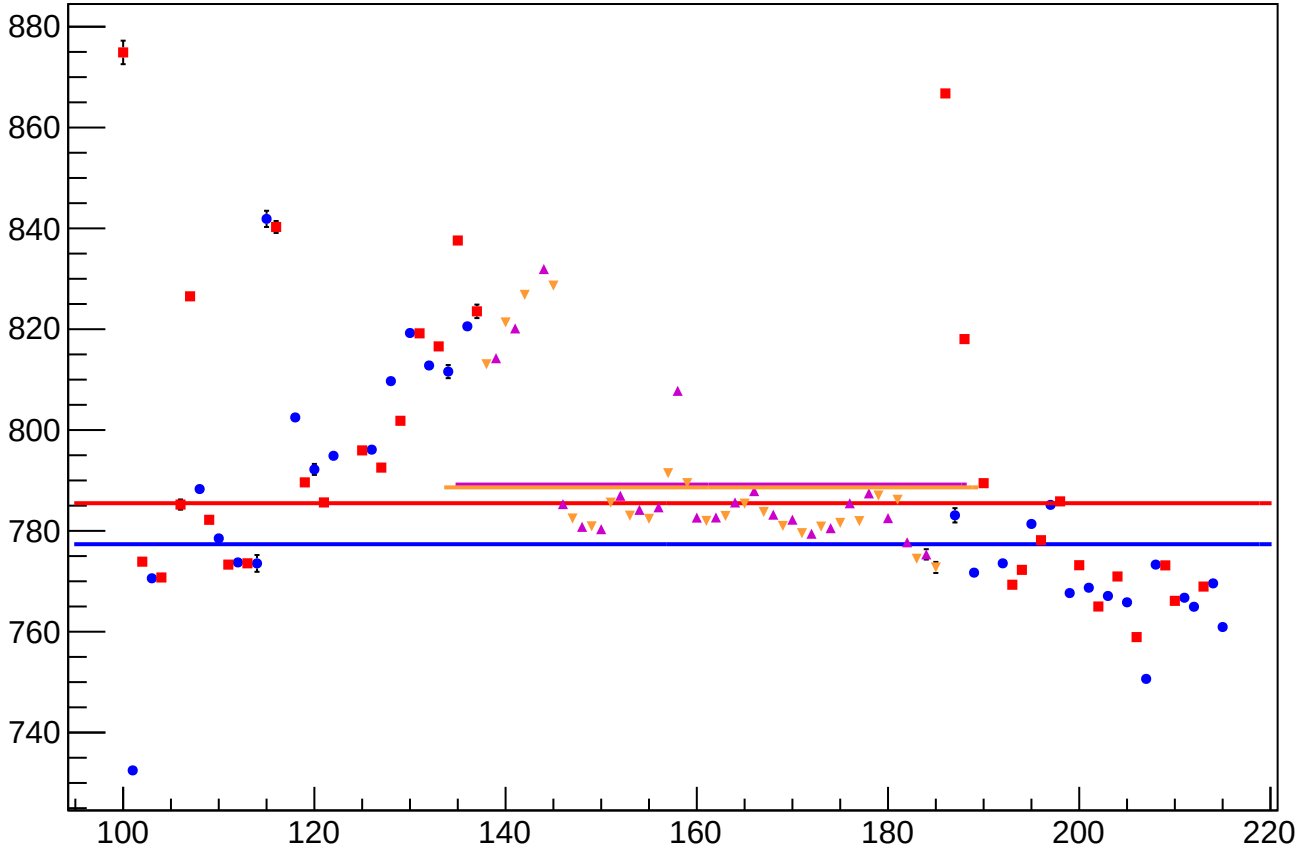
Left In: -2123.138+/-188.684 χ^2/NDF:32.0/22

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

All: 13.065+/-94.223 χ^2/NDF: 563.4/109

- sign -2072.973+/-134.216 χ^2/NDF: 56.2/54

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: 785.490+/-0.135 χ^2/NDF: 30702.1/31

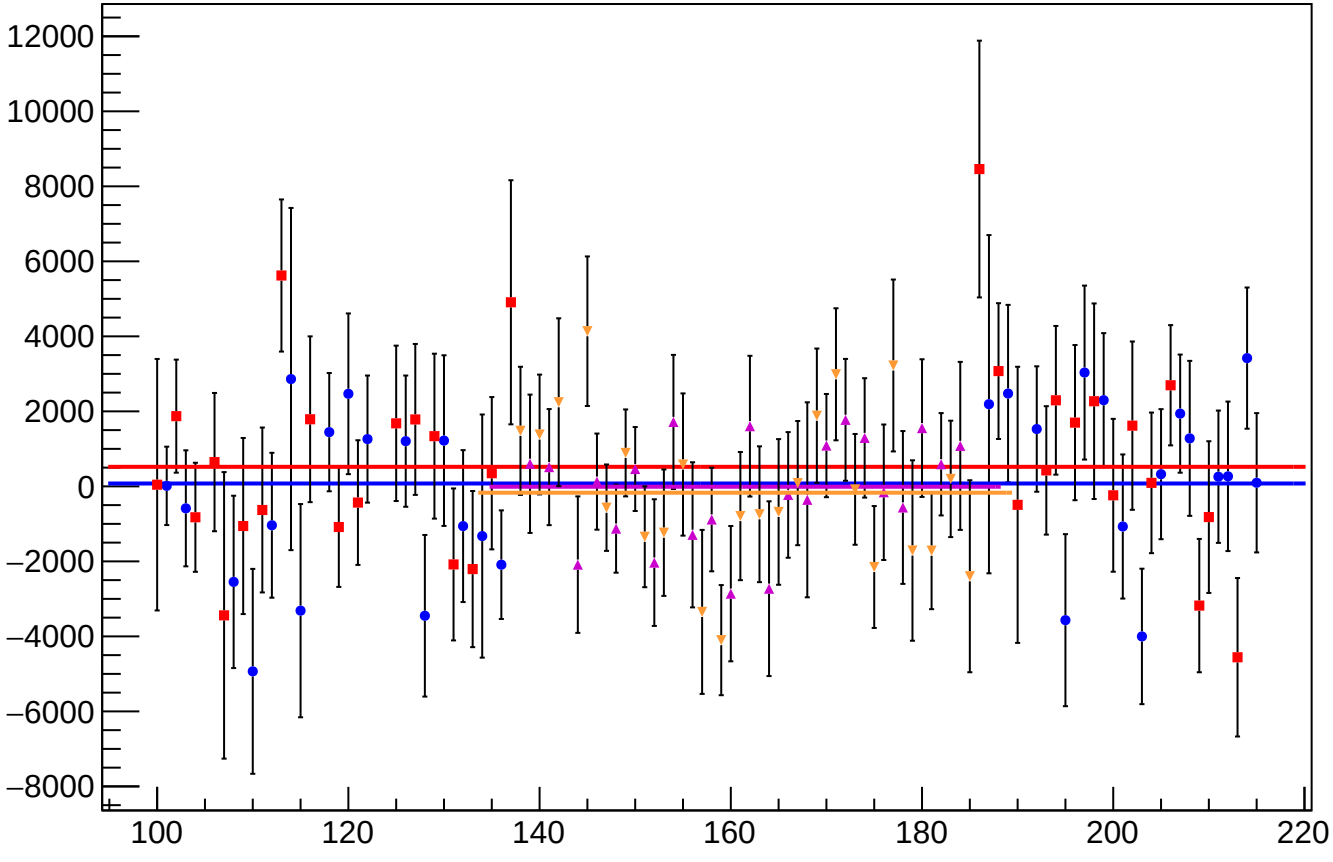
Left In: 789.185+/-0.133 χ^2/NDF:11343.2/22

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

All: 785.136+/-0.067 χ^2/NDF: 83155.5/109

- sign 787.359+/-0.095 χ^2/NDF: 42424.3/54

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: 521.102+/-358.233 χ^2/NDF: 39.4/31

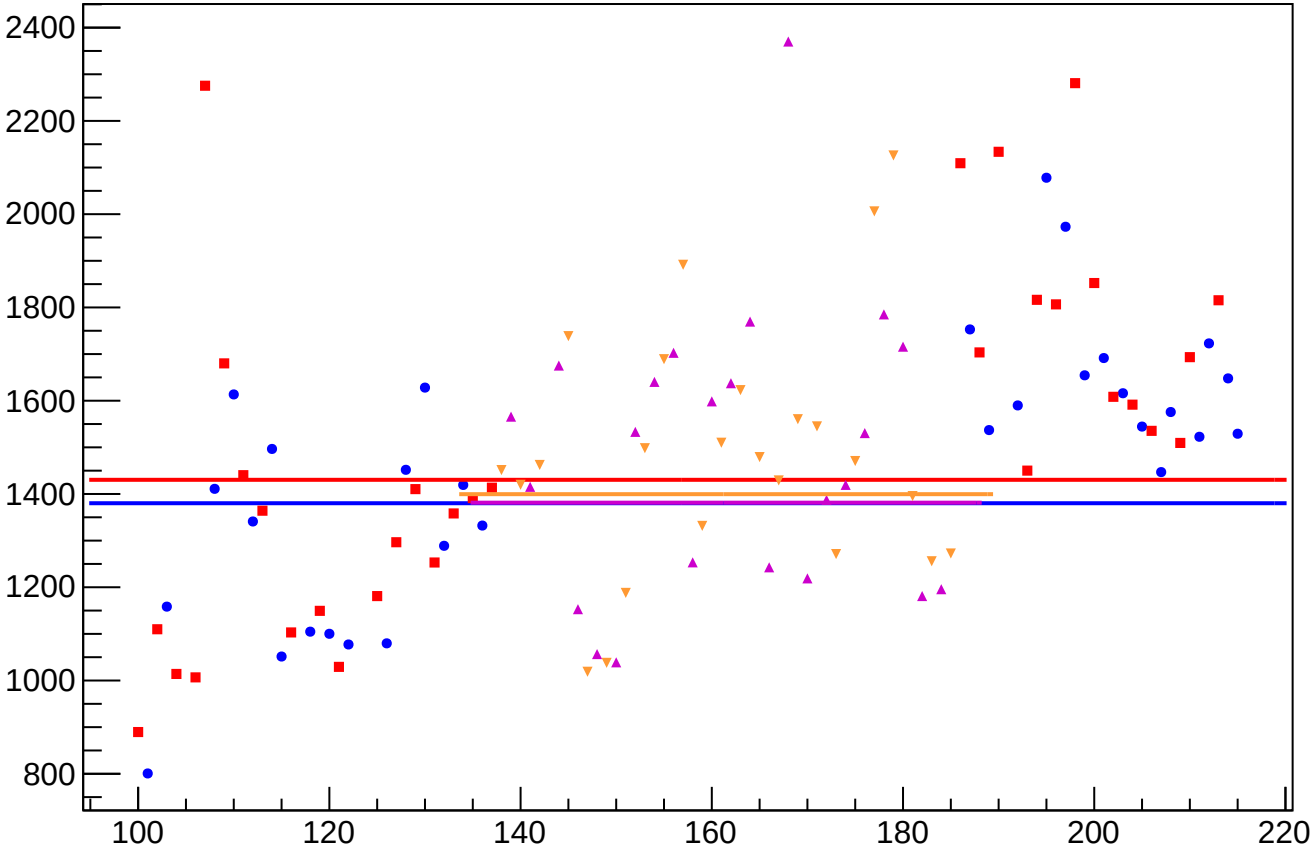
Left In: -10.093+/-337.810 χ^2/NDF:14.2/22

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

All: 93.837+/-172.083 χ^2/NDF: 119.3/109

\- sign 239.932+/-245.771 χ^2/NDF: 54.7/54

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

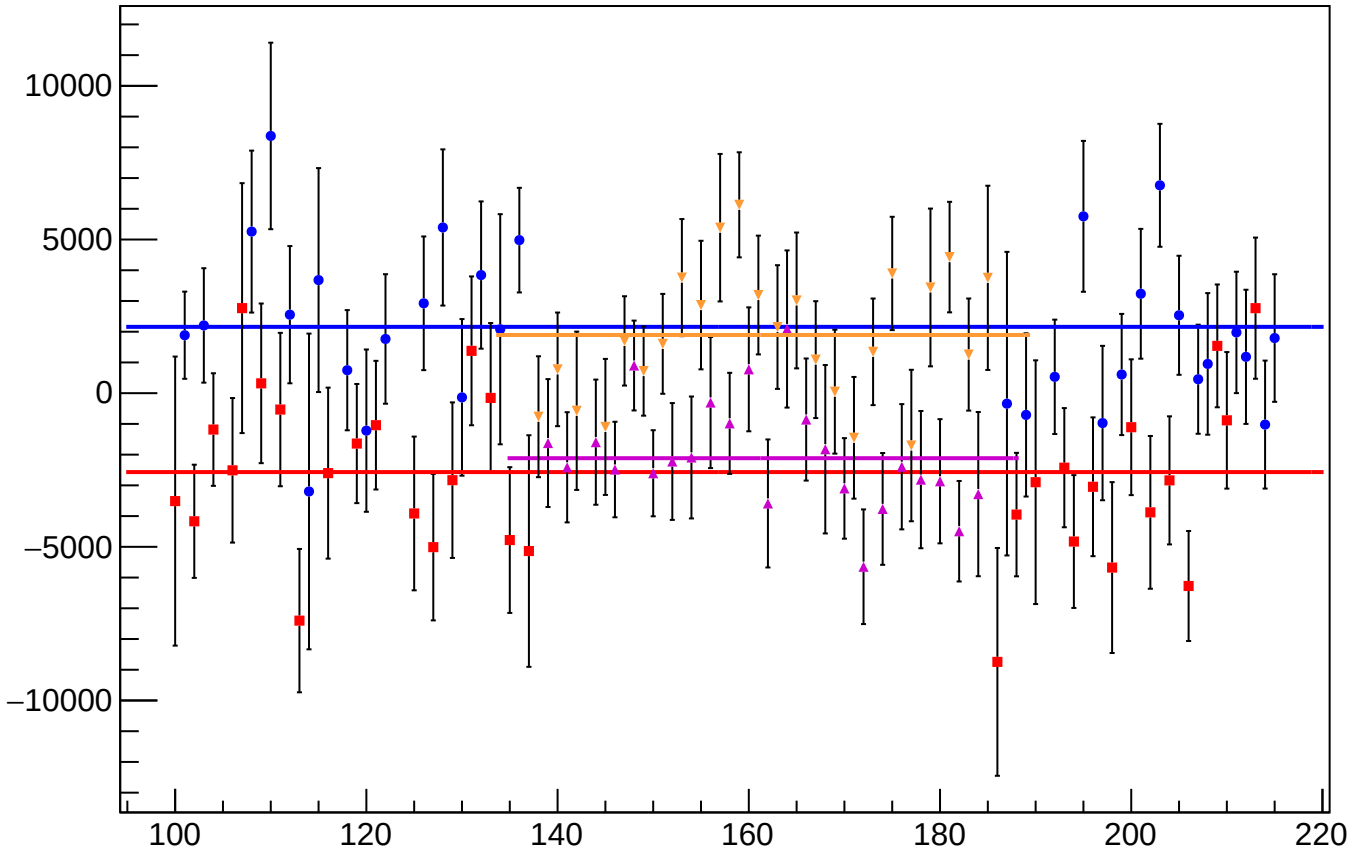
Right Out: 1430.389+/-0.253 χ^2/NDF: 1591718.0/31

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

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

All: 1397.031+/-0.122 χ^2/NDF: 5632691.0/10

- sign 1404.436+/-0.174 χ^2/NDF: 2888037.1/54



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: -2567.655+/-414.677 χ^2/NDF: 37.2/31

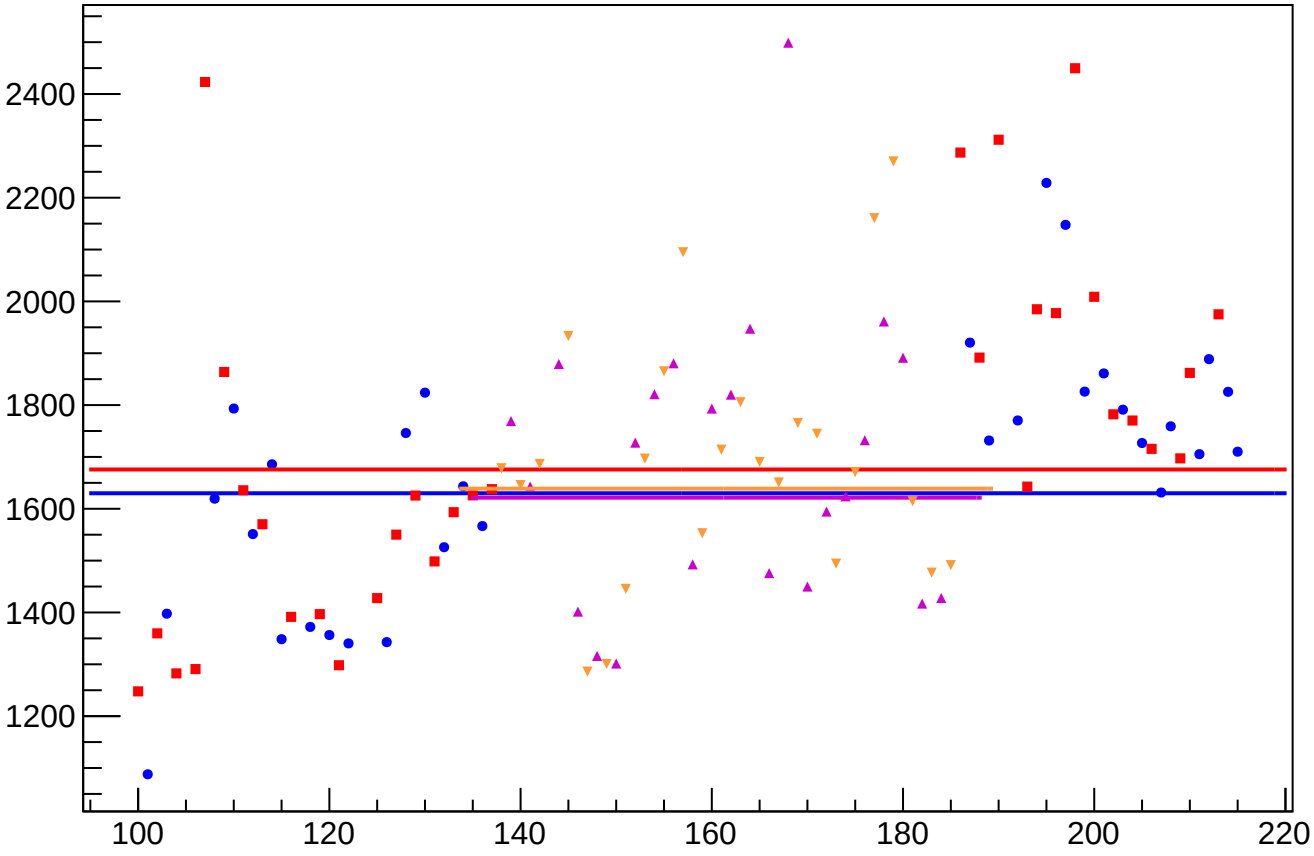
Left In: -2116.114+/-392.997 χ^2/NDF:18.8/22

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

All: -113.827+/-199.901 χ^2/NDF: 232.1/109

- sign -2329.772+/-285.247 χ^2/NDF: 56.6/54

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: 1675.777+/-0.293 χ^2/NDF: 934882.1/31

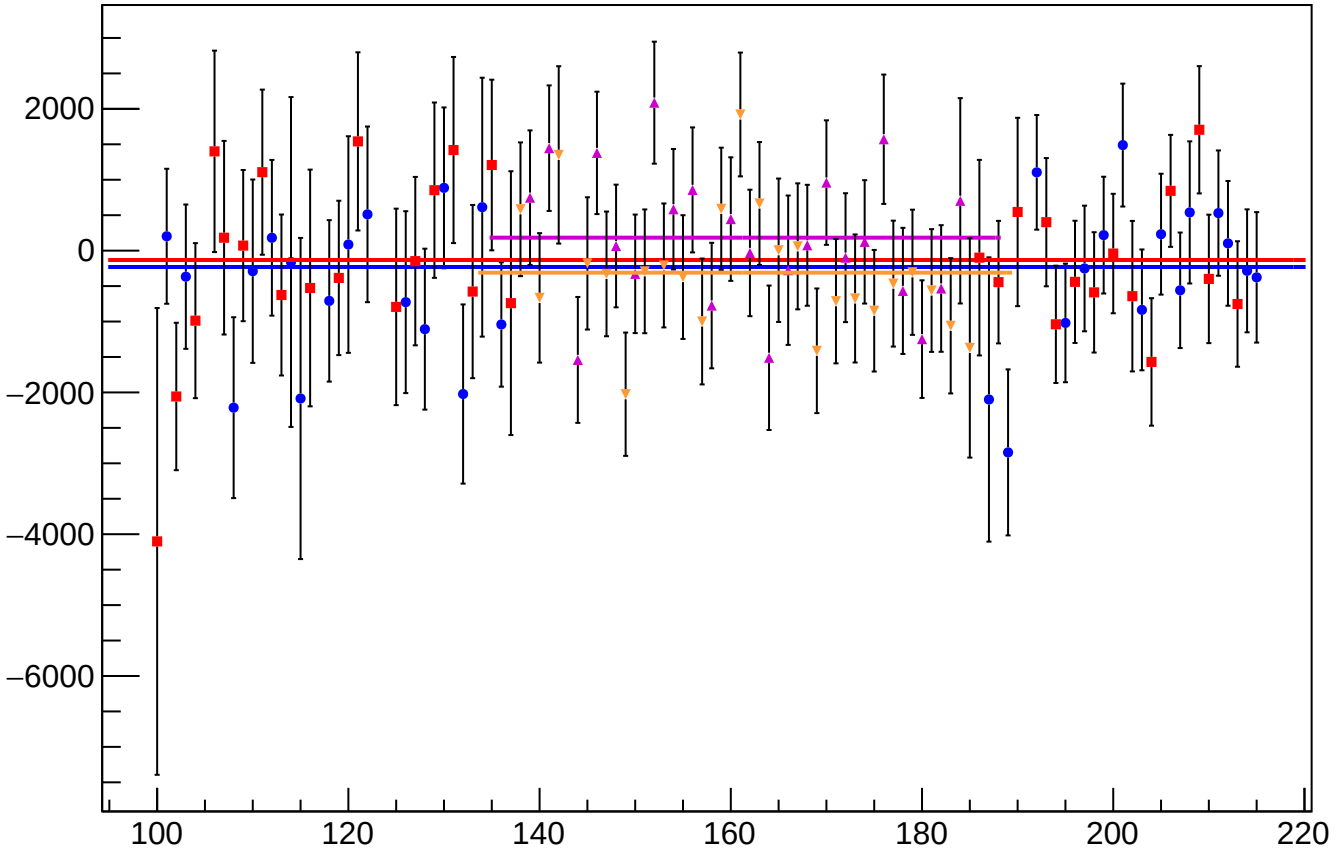
Left In: 1621.417+/-0.278 χ^2/NDF:775310.1/22

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

All: 1640.653+/-0.141 χ^2/NDF: 3242397.3/10

- sign 1647.139+/-0.202 χ^2/NDF: 1728298.5/54

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: -131.962+/-189.154 χ^2/NDF: 25.1/31

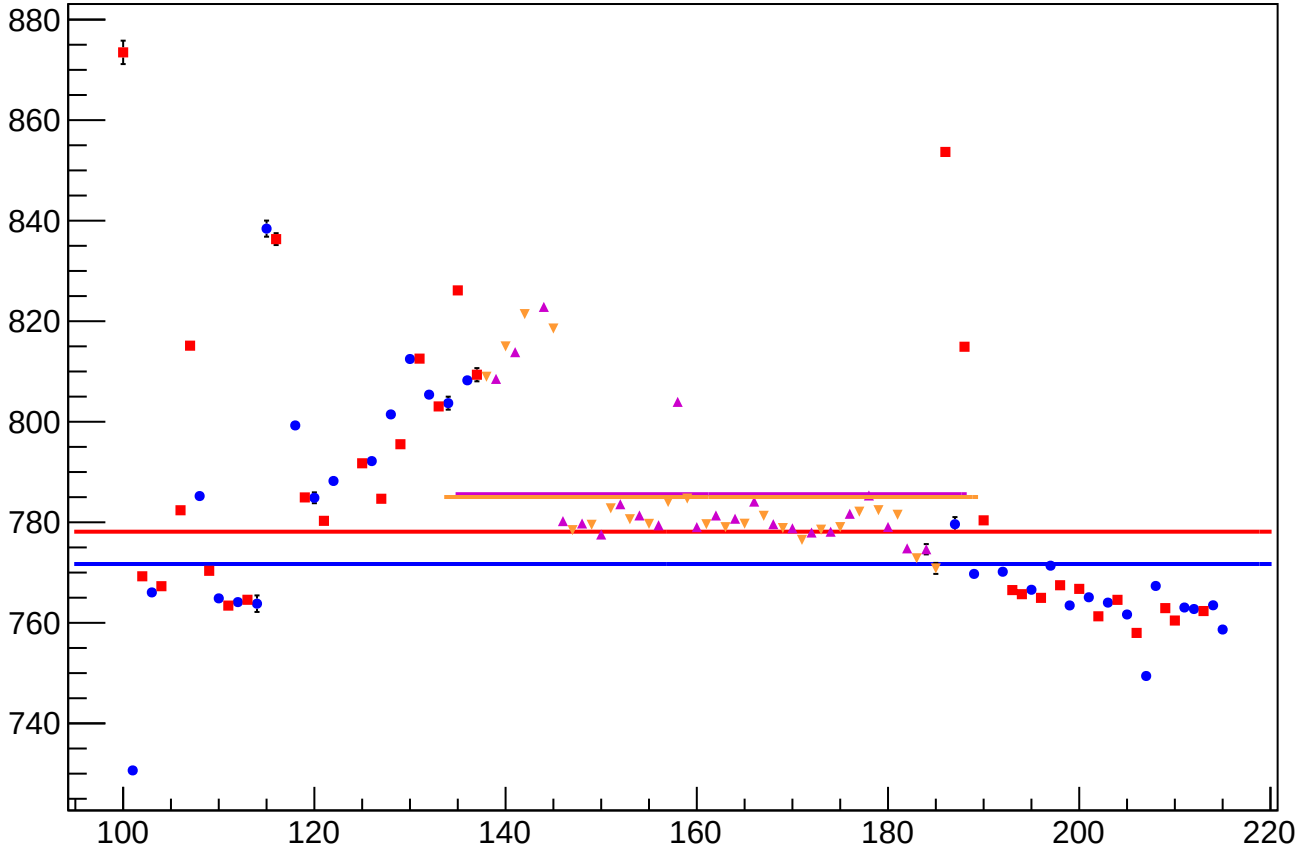
Left In: 182.895+/-187.817 χ^2/NDF:26.1/22

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

All: -123.866+/-93.611 χ^2/NDF: 100.3/109

- sign 26.583+/-133.277 χ^2/NDF: 52.7/54

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: 778.132+/-0.134 χ^2/NDF: 29120.8/31

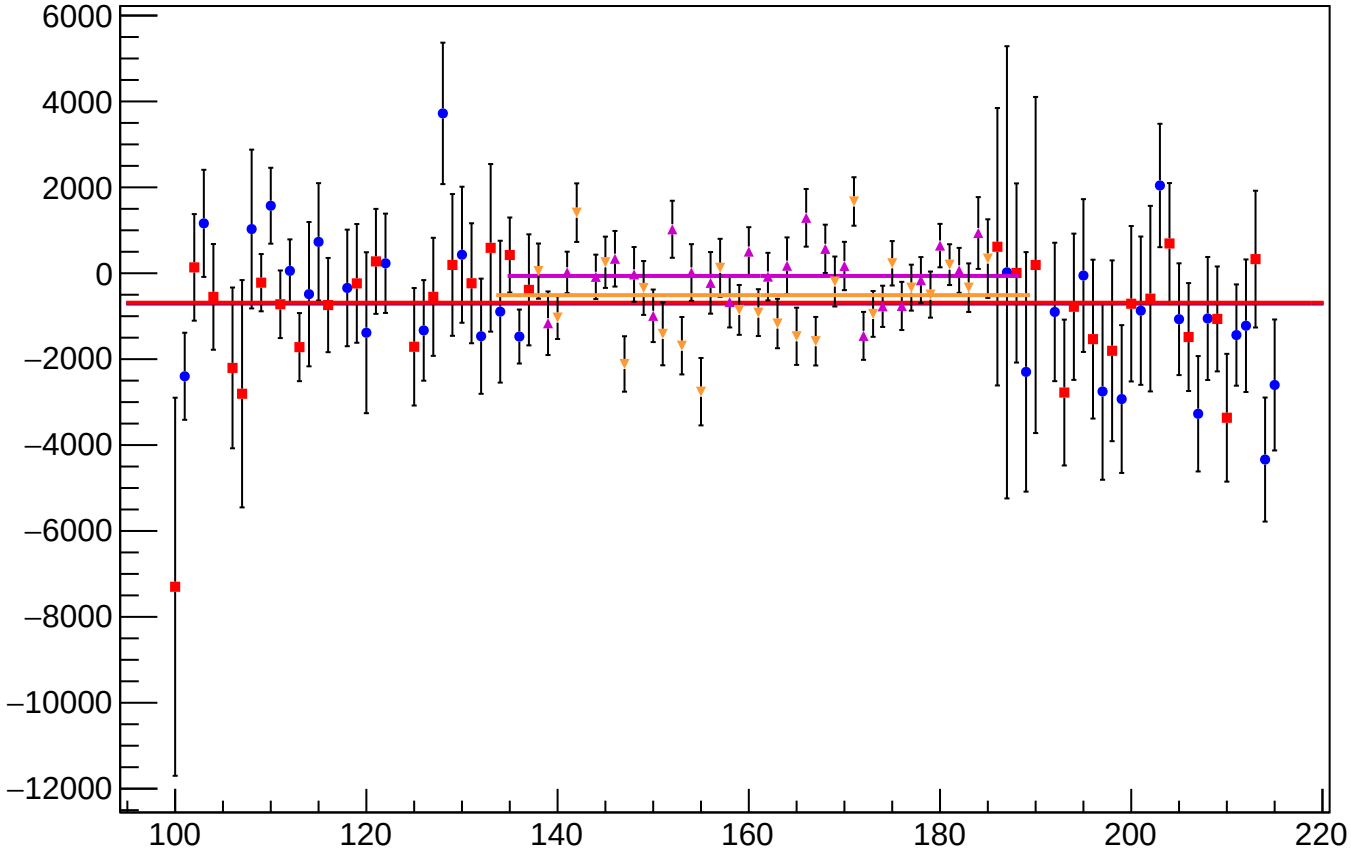
Left In: 785.592+/-0.133 χ^2/NDF:9373.7/22

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

All: 780.084+/-0.066 χ^2/NDF: 76237.8/109

- sign 781.888+/-0.094 χ^2/NDF: 40061.0/54

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: -685.824+/-234.641 χ^2/NDF: 17.4/31

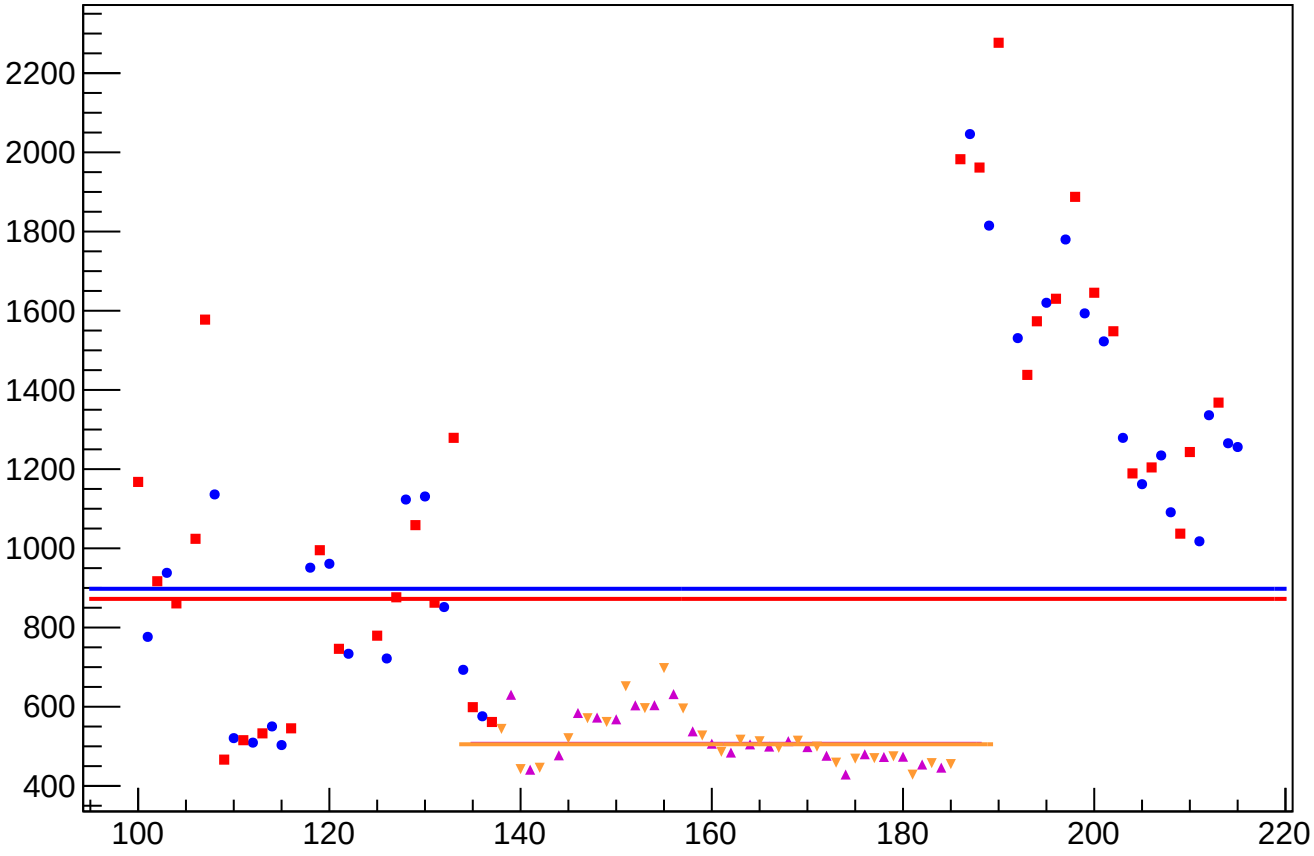
Left In: -62.768+/-122.045 χ^2/NDF:28.8/22

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

All: -374.378+/-76.294 χ^2/NDF: 162.7/109

- sign -195.438+/-108.275 χ^2/NDF: 51.8/54

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

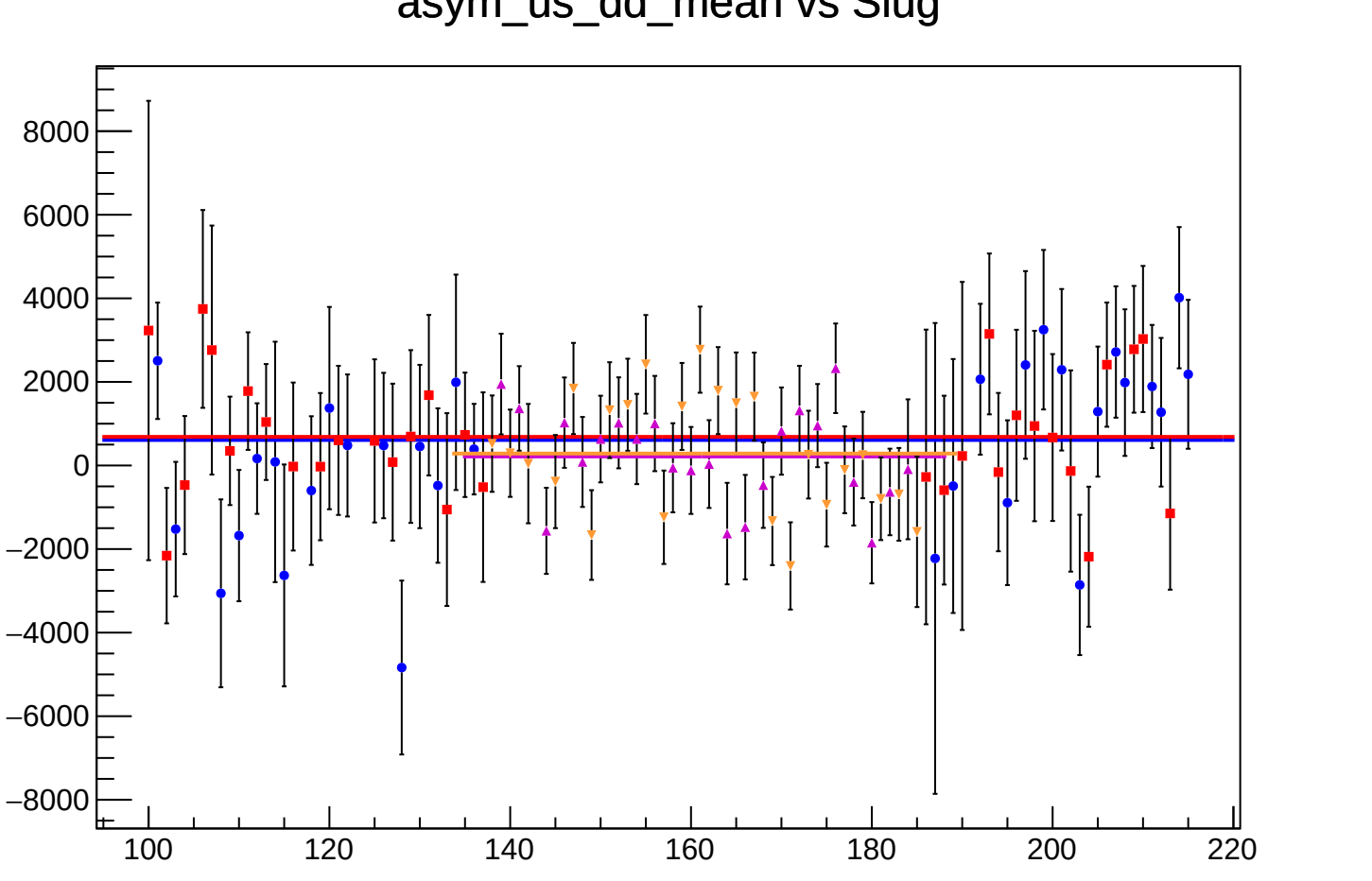
Right Out: 872.329+/-0.166 χ^2/NDF: 5893645.0/31

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

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

All: 586.563+/-0.054 χ^2/NDF: 19800506.6/10

- sign 584.303+/-0.077 χ^2/NDF: 10158839.5/54



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: 684.544+/-332.124 χ^2/NDF: 19.6/31

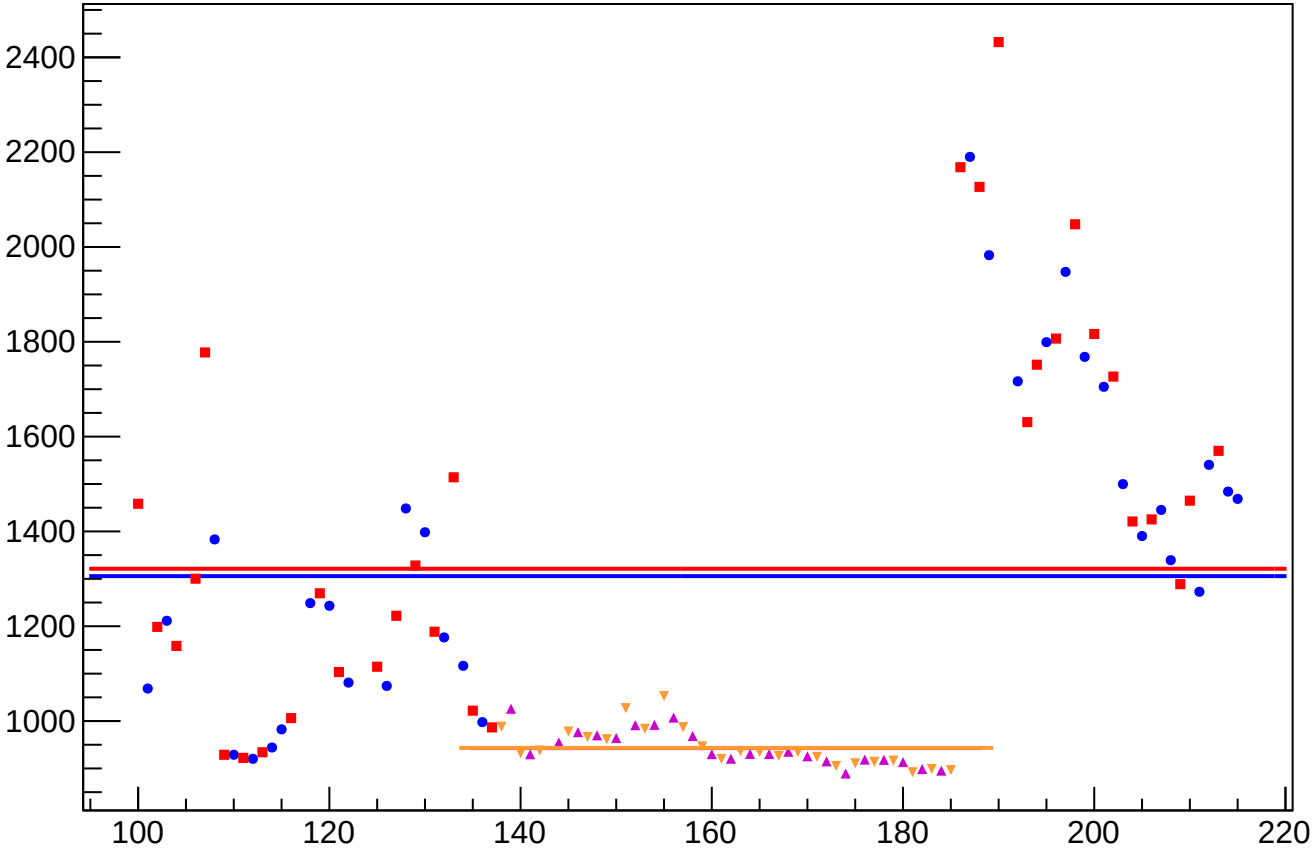
Left In: 216.121+/-225.600 χ^2/NDF:24.4/22

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

All: 378.007+/-131.027 χ^2/NDF: 120.0/109

\- sign 364.014+/-186.619 χ^2/NDF: 45.4/54

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: 1321.258+/-0.235 χ^2/NDF: 2065960.4/31

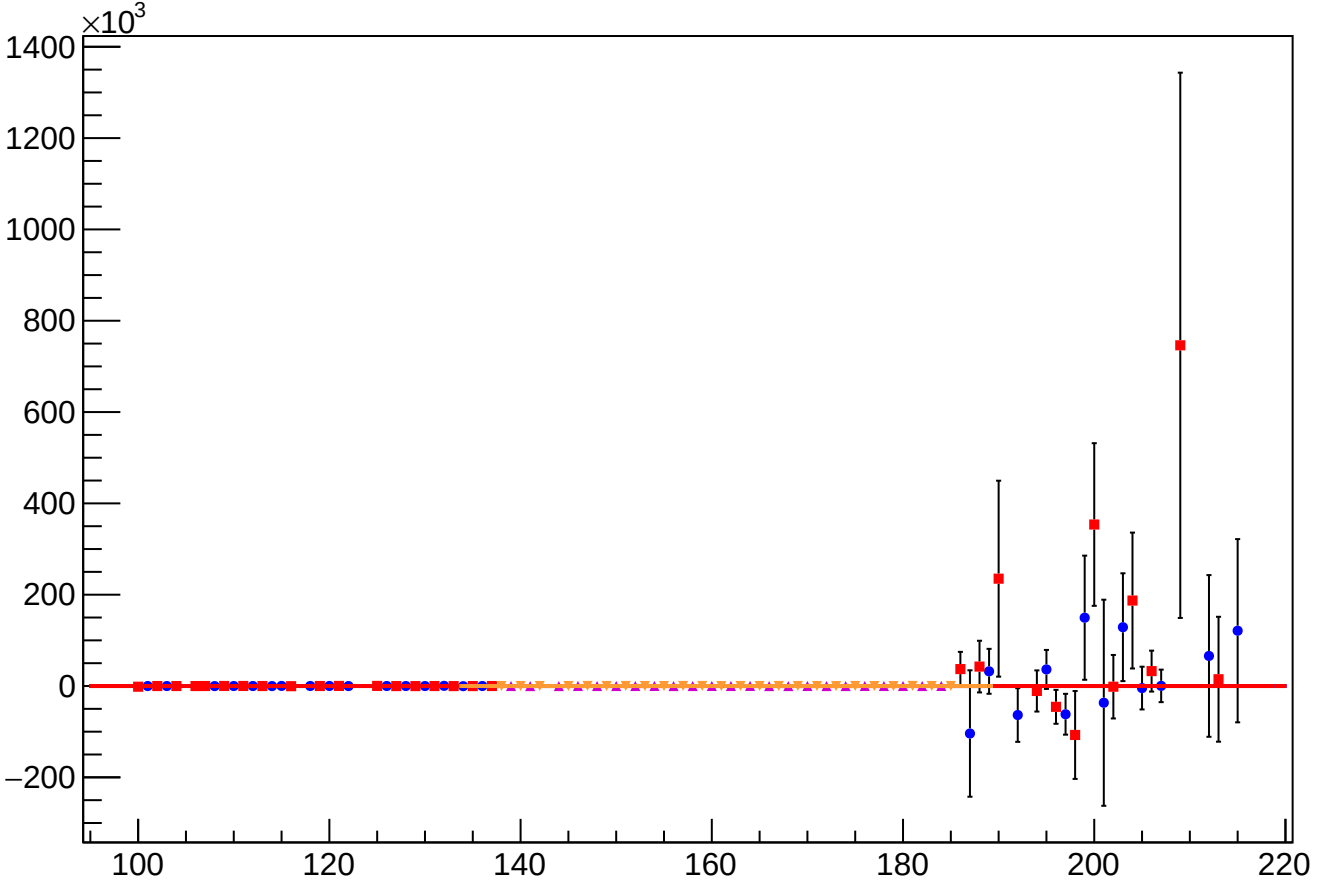
Left In: 942.927+/-0.160 χ^2/NDF:48402.9/22

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

All: 1062.179+/-0.093 χ^2/NDF: 7208591.2/10

- sign 1062.375+/-0.132 χ^2/NDF: 3890206.1/54

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: -31.724+/-30.492 χ^2/NDF: 30.0/29

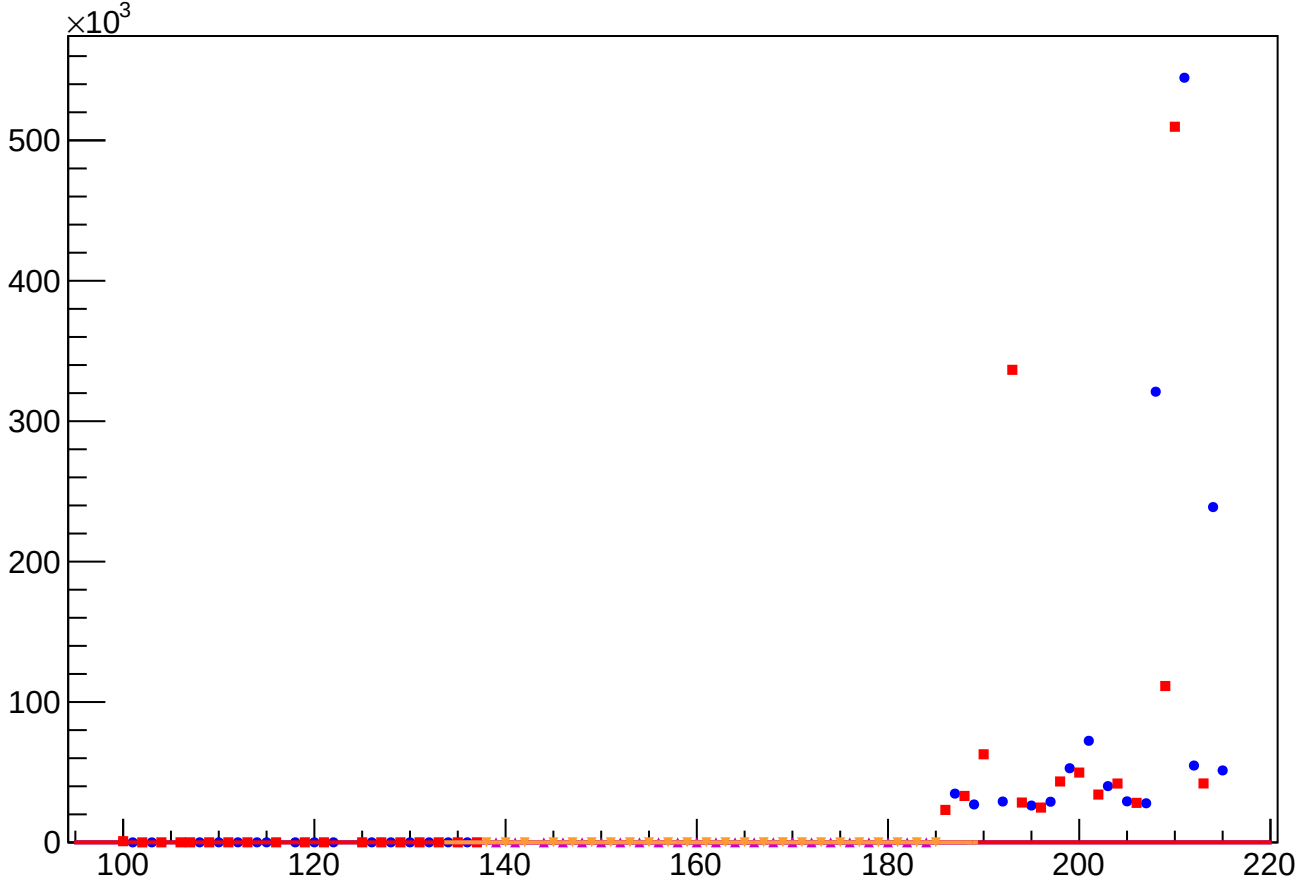
Left In: 22.931+/-21.584 χ^2/NDF:22.5/22

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

All: 0.909+/-12.403 χ^2/NDF: 101.1/104

- sign 4.686+/-17.617 χ^2/NDF: 54.6/52

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: 79.458+/-0.022 χ^2/NDF: 6196457.8/31

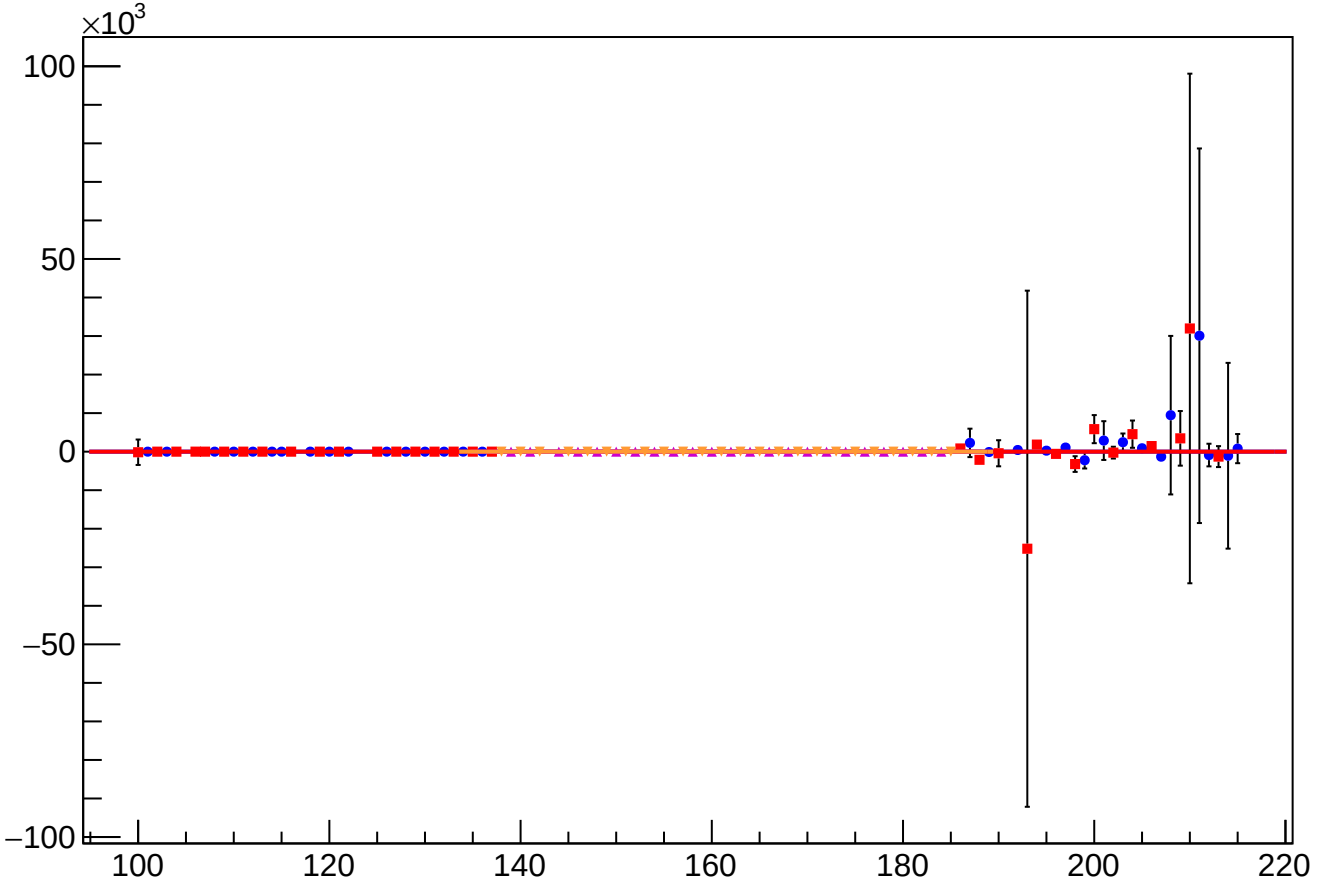
Left In: 89.596+/-0.015 χ^2/NDF:508511.1/22

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

All: 85.656+/-0.009 χ^2/NDF: 14303409.0/109

- sign 86.211+/-0.012 χ^2/NDF: 6852245.2/54

asym_ds_avg_correction_mean vs Slug



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: 29.7/31

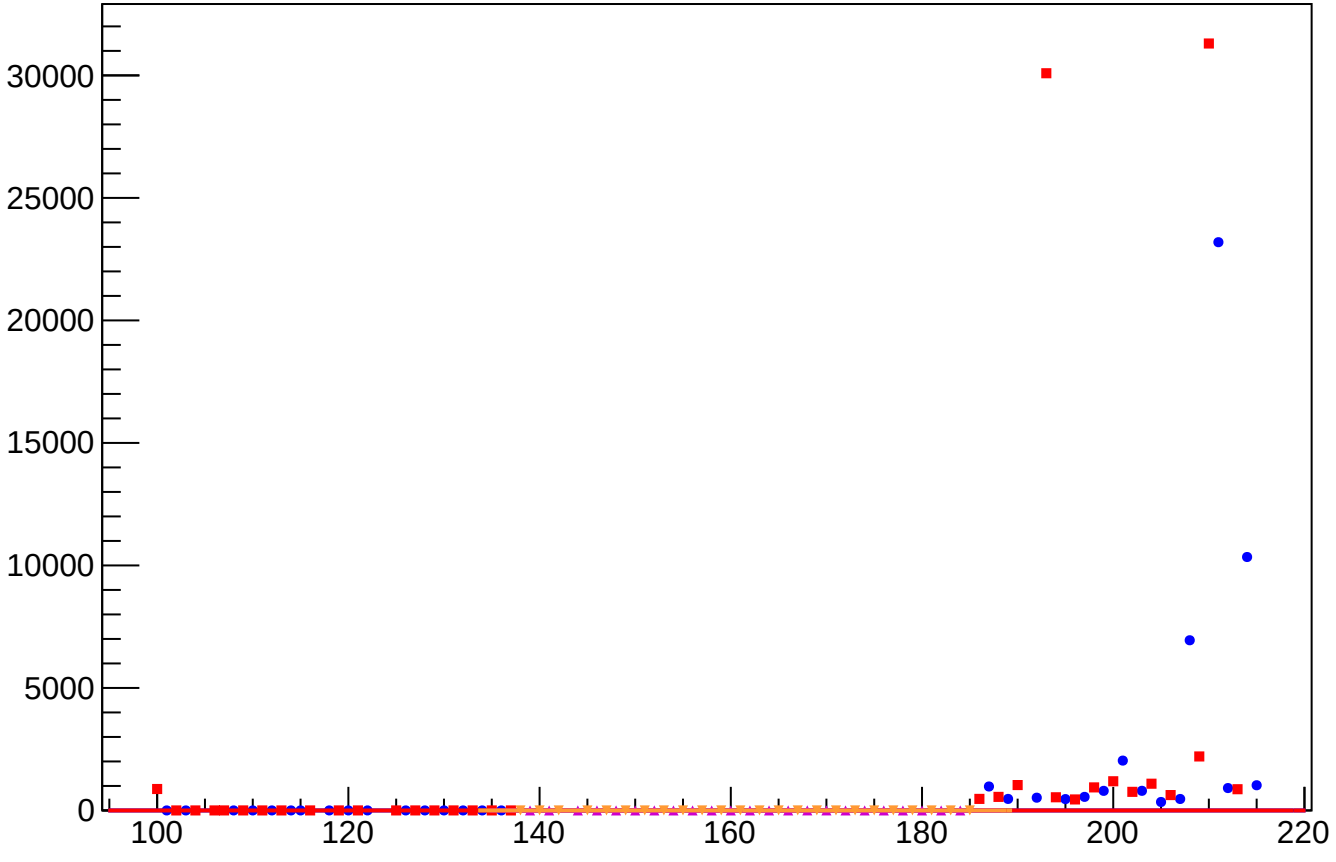
Left In: 0.519+/-0.387 χ^2/NDF:26.3/22

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

All: 0.144+/-0.217 χ^2/NDF: 110.8/109

- sign 0.323+/-0.312 χ^2/NDF: 56.8/54

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: 6816793.9/31

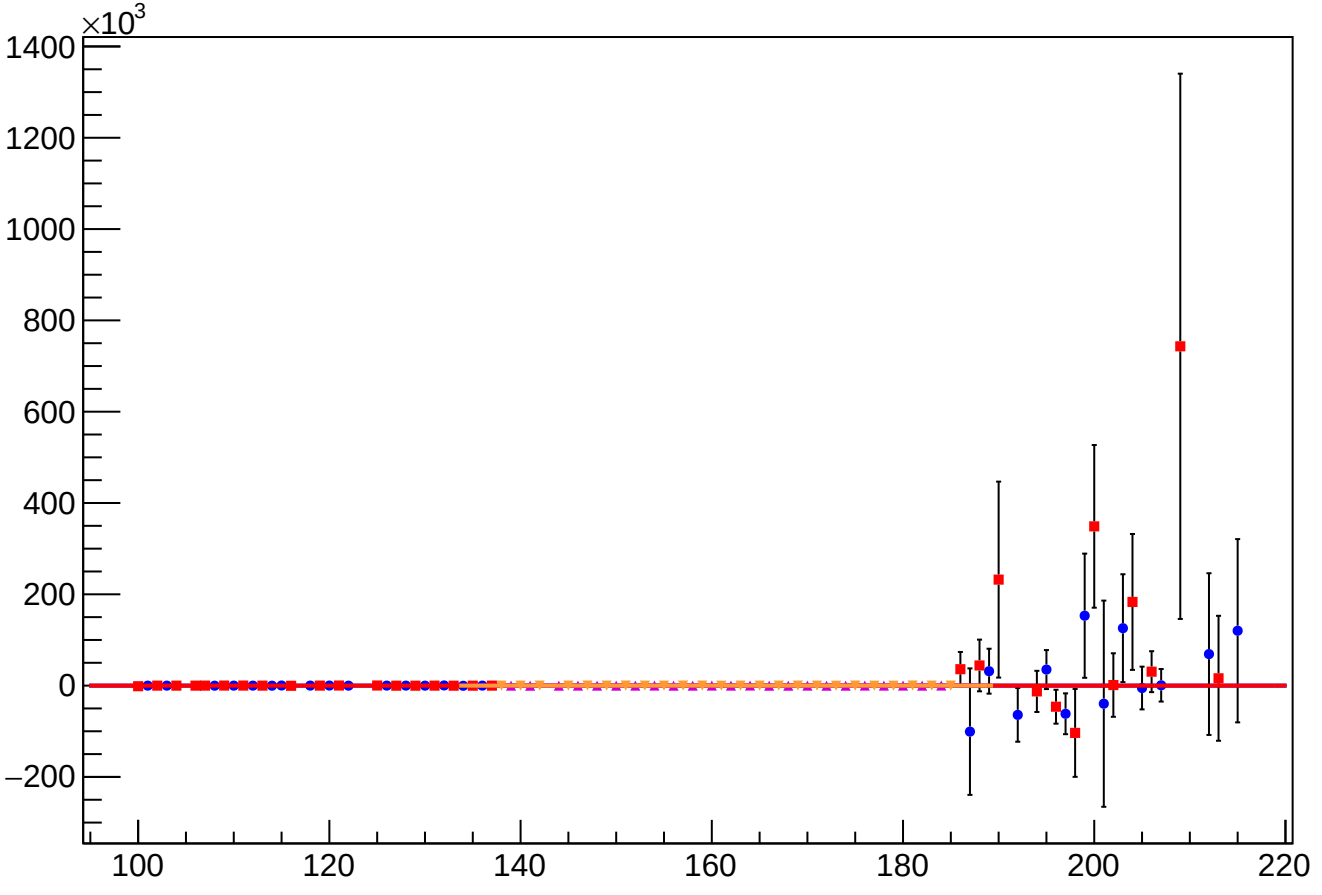
Left In: 1.453+/-0.000 χ^2/NDF:995852.2/22

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

All: 1.350+/-0.000 χ^2/NDF: 16074748.4/109

- sign 1.385+/-0.000 χ^2/NDF: 7987671.0/54

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: -32.004+/-30.500 χ^2/NDF: 29.6/29

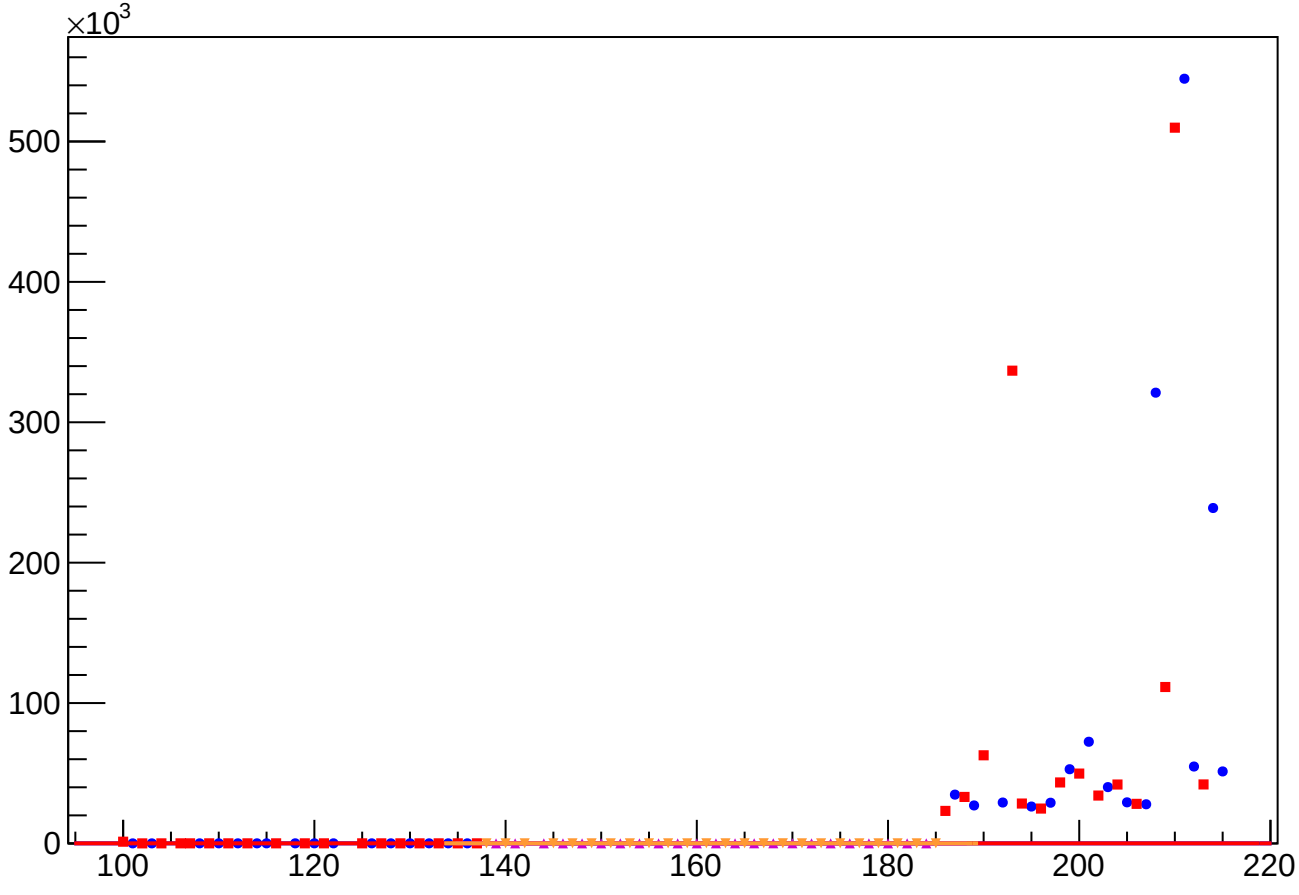
Left In: 22.446+/-21.591 χ^2/NDF:22.3/22

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

All: 0.811+/-12.407 χ^2/NDF: 100.4/104

- sign 4.268+/-17.623 χ^2/NDF: 54.1/52

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: 79.461+/-0.022 χ^2/NDF: 6203070.4/31

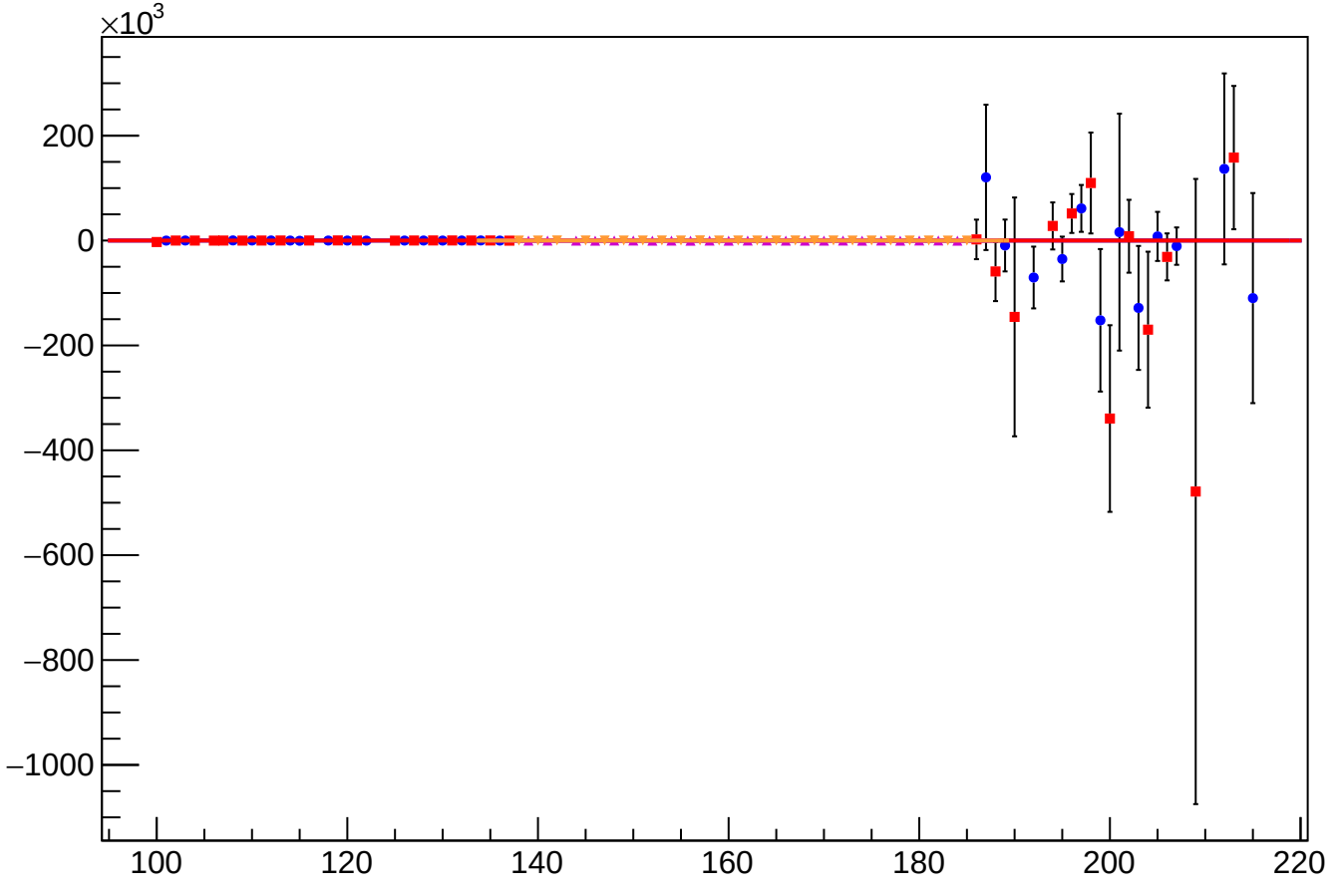
Left In: 89.622+/-0.015 χ^2/NDF:509391.8/22

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

All: 85.677+/-0.009 χ^2/NDF: 14312428.1/109

- sign 86.230+/-0.012 χ^2/NDF: 6860328.9/54

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

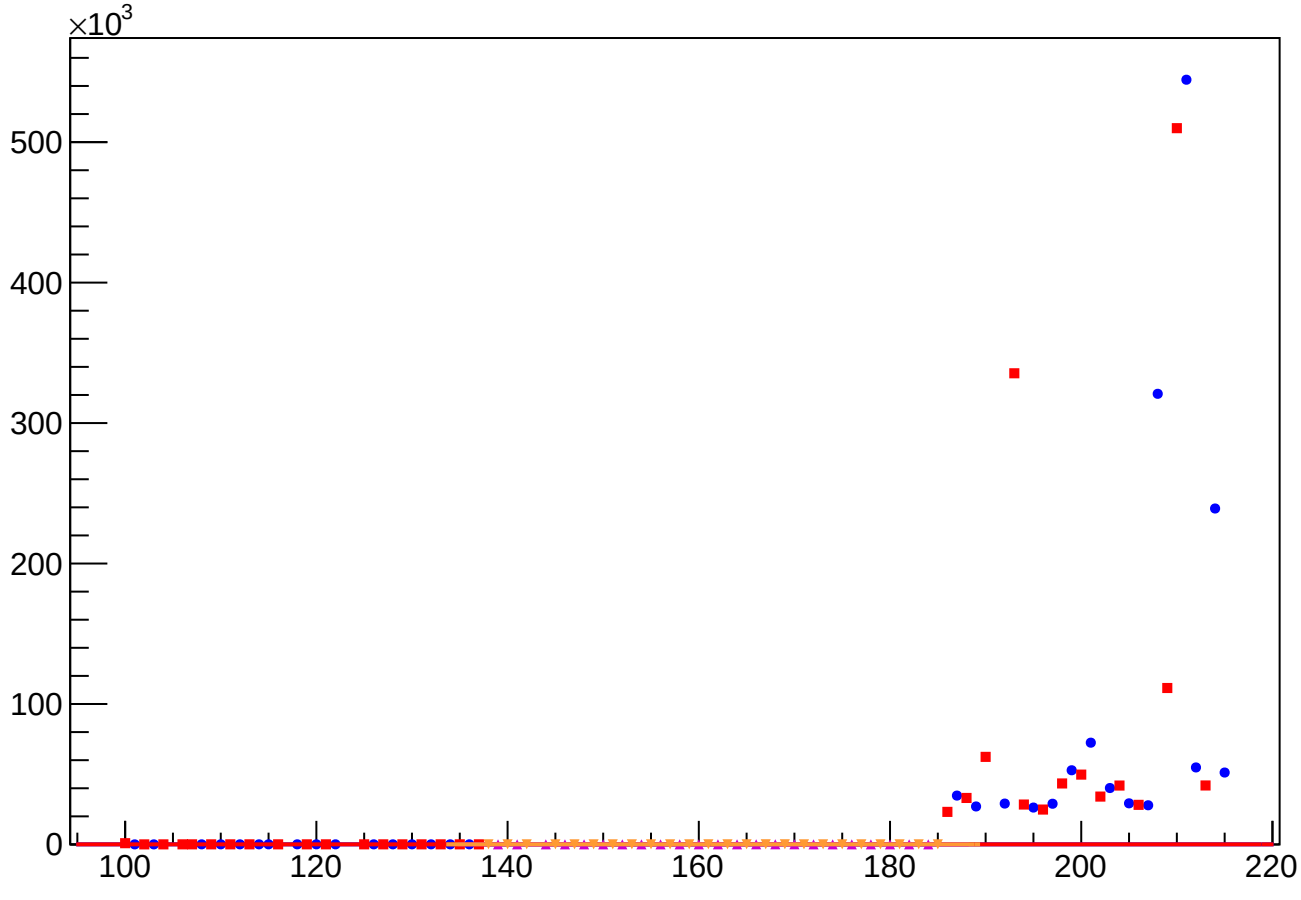
Right Out: 25.791+/-30.473 χ^2/NDF: 25.3/29

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

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

All: -3.576+/-12.403 χ^2/NDF: 101.4/104

- sign -20.287+/-17.618 χ^2/NDF: 60.2/52



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: 79.409+/-0.022 χ^2/NDF: 6195772.8/31

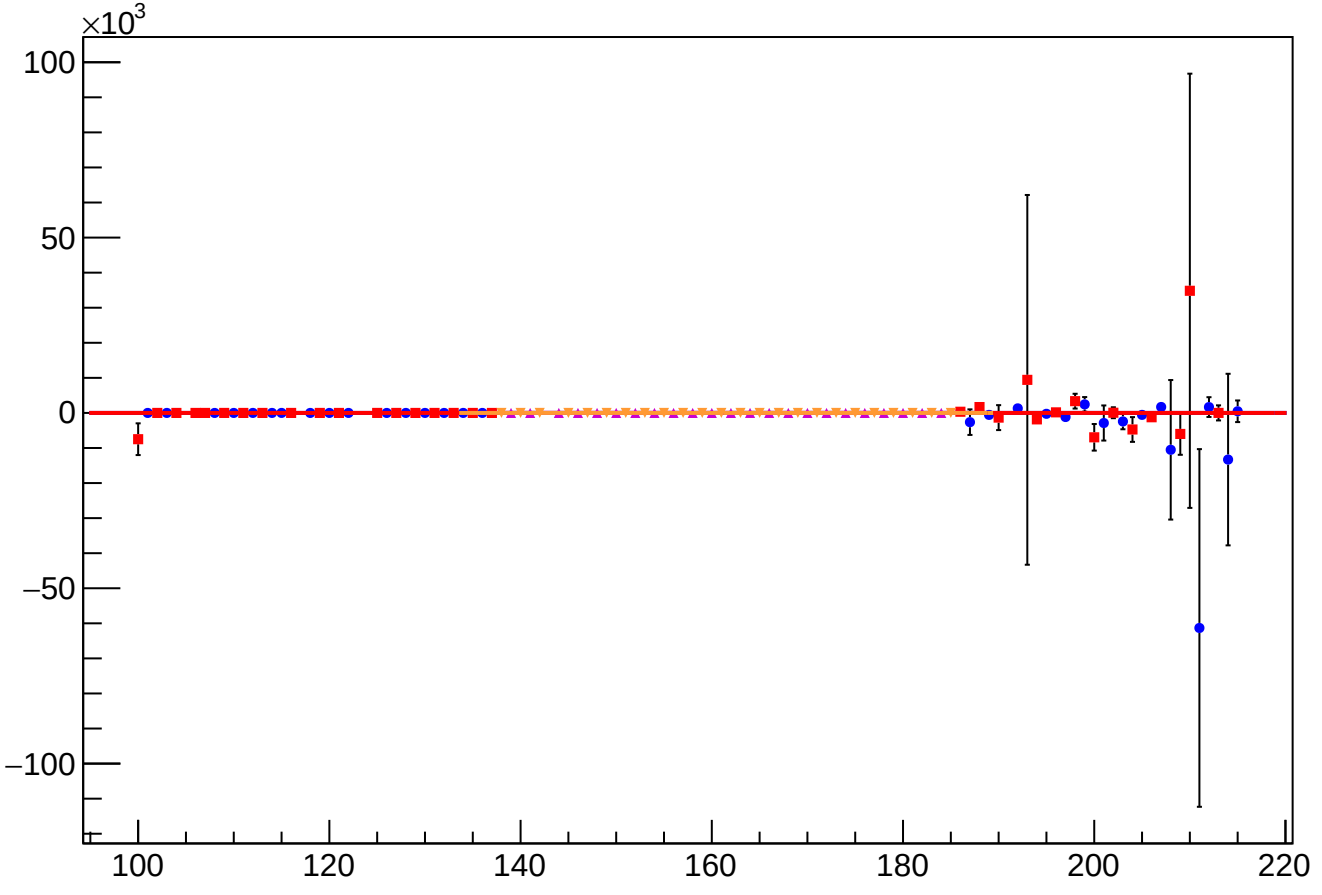
Left In: 89.628+/-0.015 χ^2/NDF:511042.3/22

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

All: 85.651+/-0.009 χ^2/NDF: 14308950.3/109

- sign 86.212+/-0.012 χ^2/NDF: 6856529.5/54

asym_ds_dd_correction_mean vs Slug



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: 32.0/31

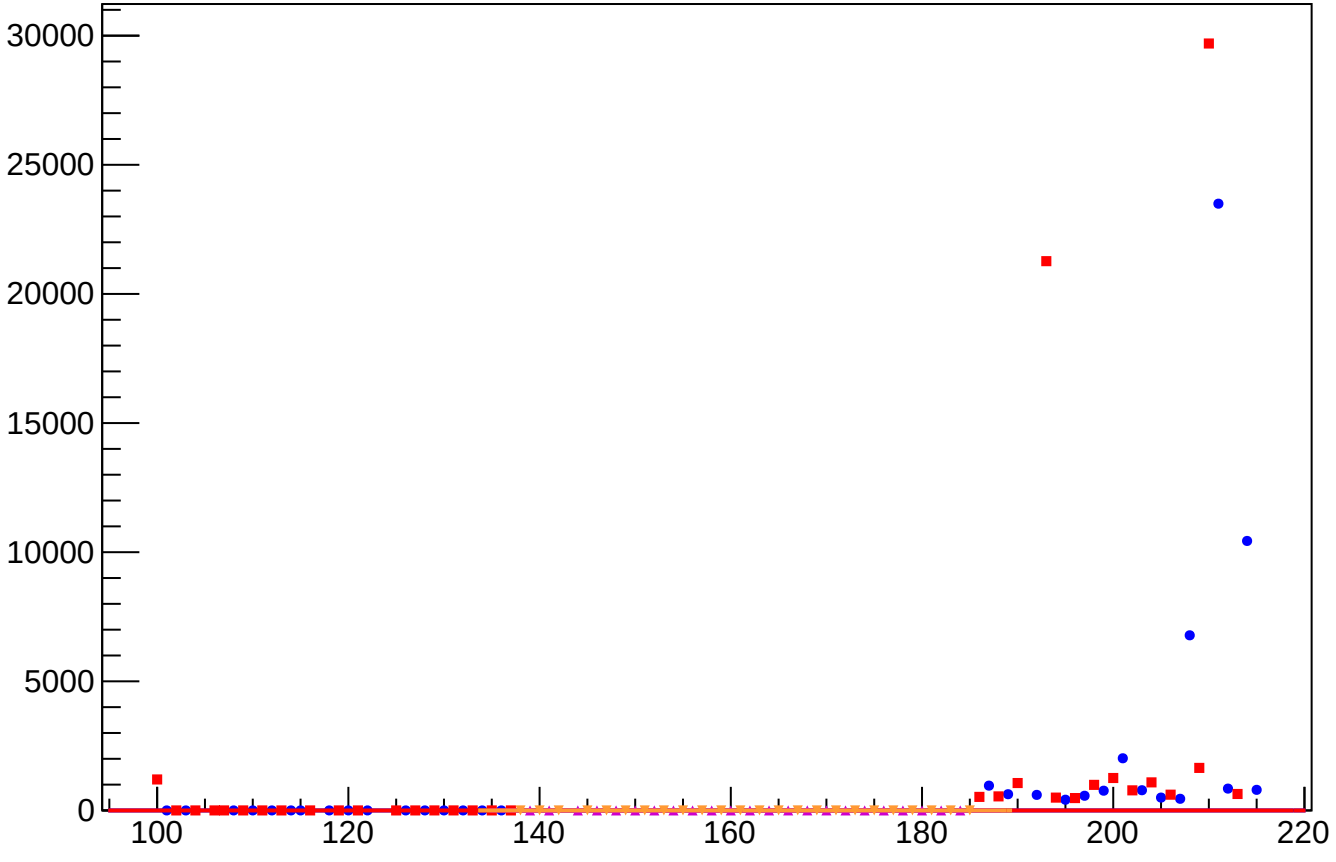
Left In: 0.072+/-0.390 χ^2/NDF:20.4/22

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

All: -0.045+/-0.224 χ^2/NDF: 105.9/109

- sign -0.069+/-0.318 χ^2/NDF: 52.8/54

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: 6711041.2/31

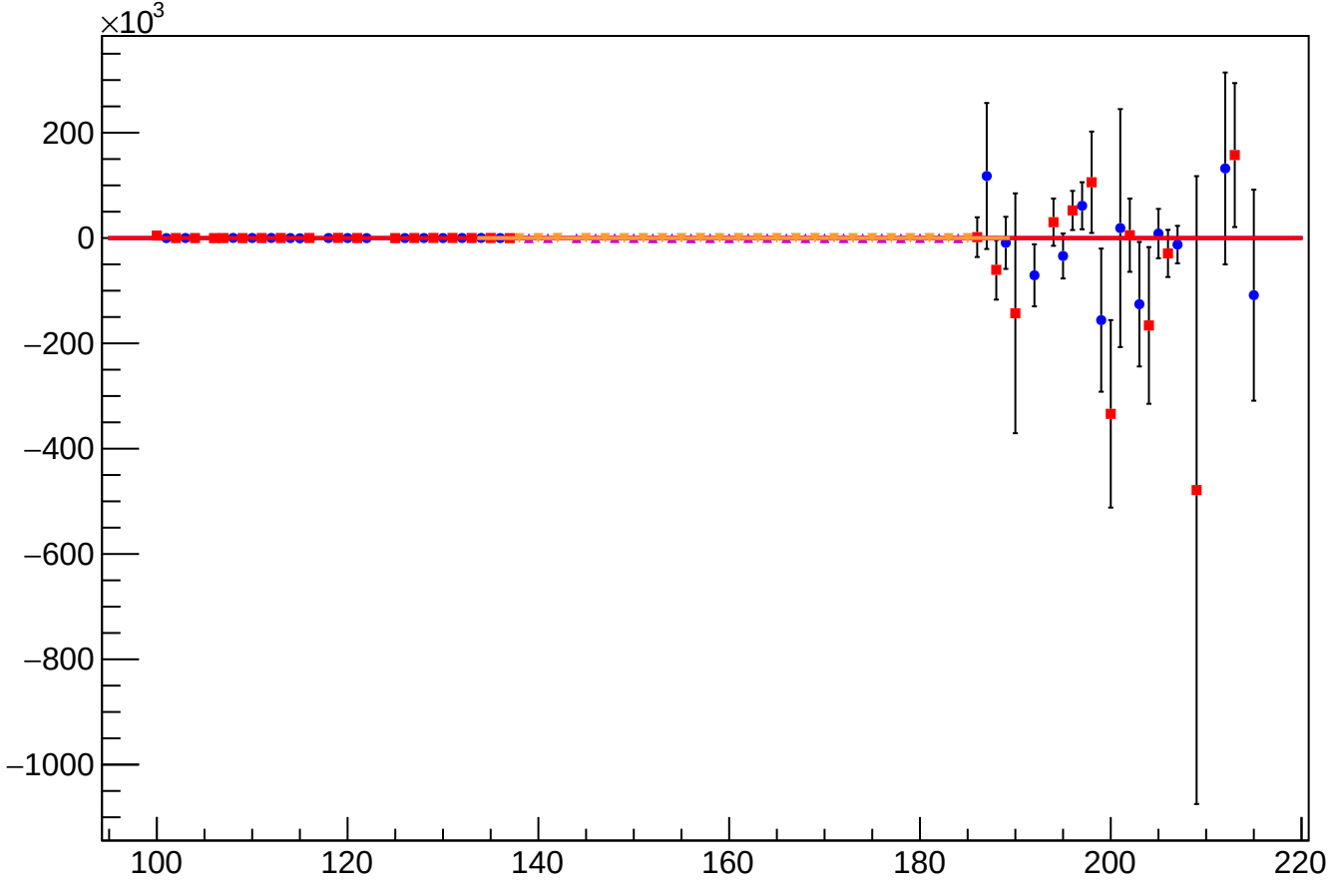
Left In: 1.461+/-0.000 χ^2/NDF:1048537.6/22

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

All: 1.400+/-0.000 χ^2/NDF: 16215630.1/109

- sign 1.412+/-0.000 χ^2/NDF: 7851604.5/54

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: 26.402+/-30.482 χ^2/NDF: 25.3/29

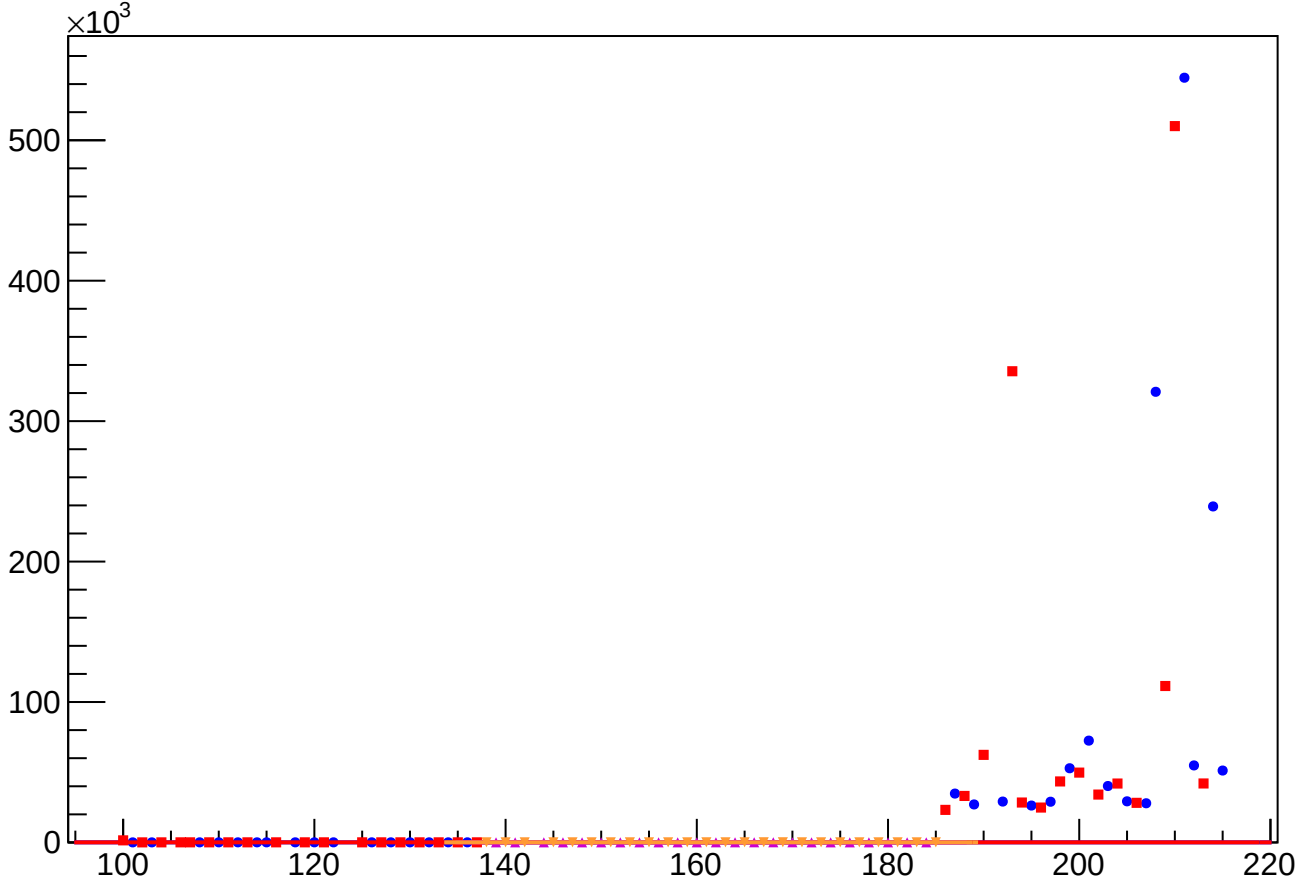
Left In: -43.905+/-21.600 χ^2/NDF:31.1/22

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

All: -3.589+/-12.407 χ^2/NDF: 101.0/104

- sign -20.402+/-17.624 χ^2/NDF: 60.0/52

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: 79.406+/-0.022 χ^2/NDF: 6205089.8/31

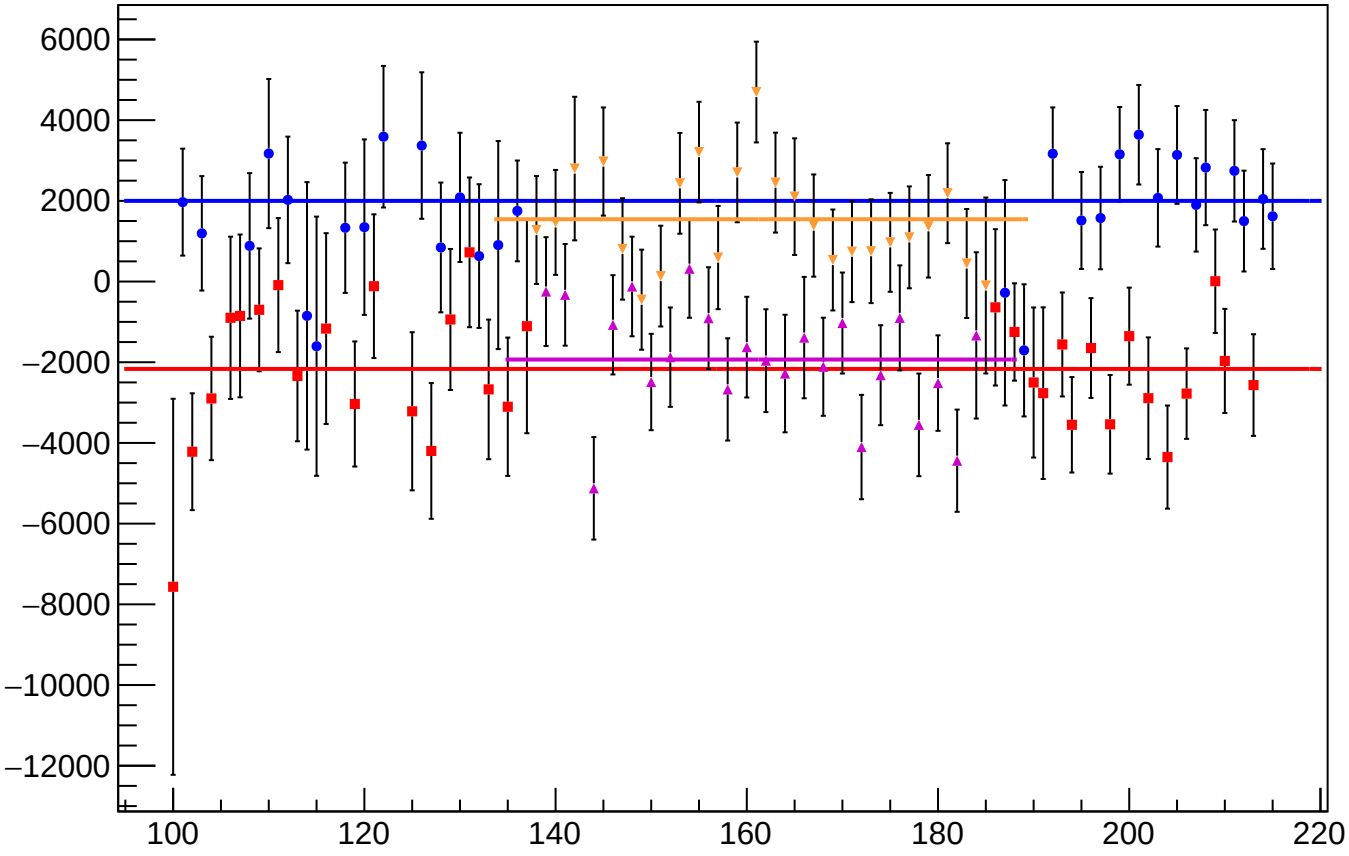
Left In: 89.655+/-0.015 χ^2/NDF:511848.9/22

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

All: 85.672+/-0.009 χ^2/NDF: 14320831.8/109

- sign 86.229+/-0.012 χ^2/NDF: 6867446.8/54

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: -2165.758+/-266.664 χ^2/NDF: 25.2/32

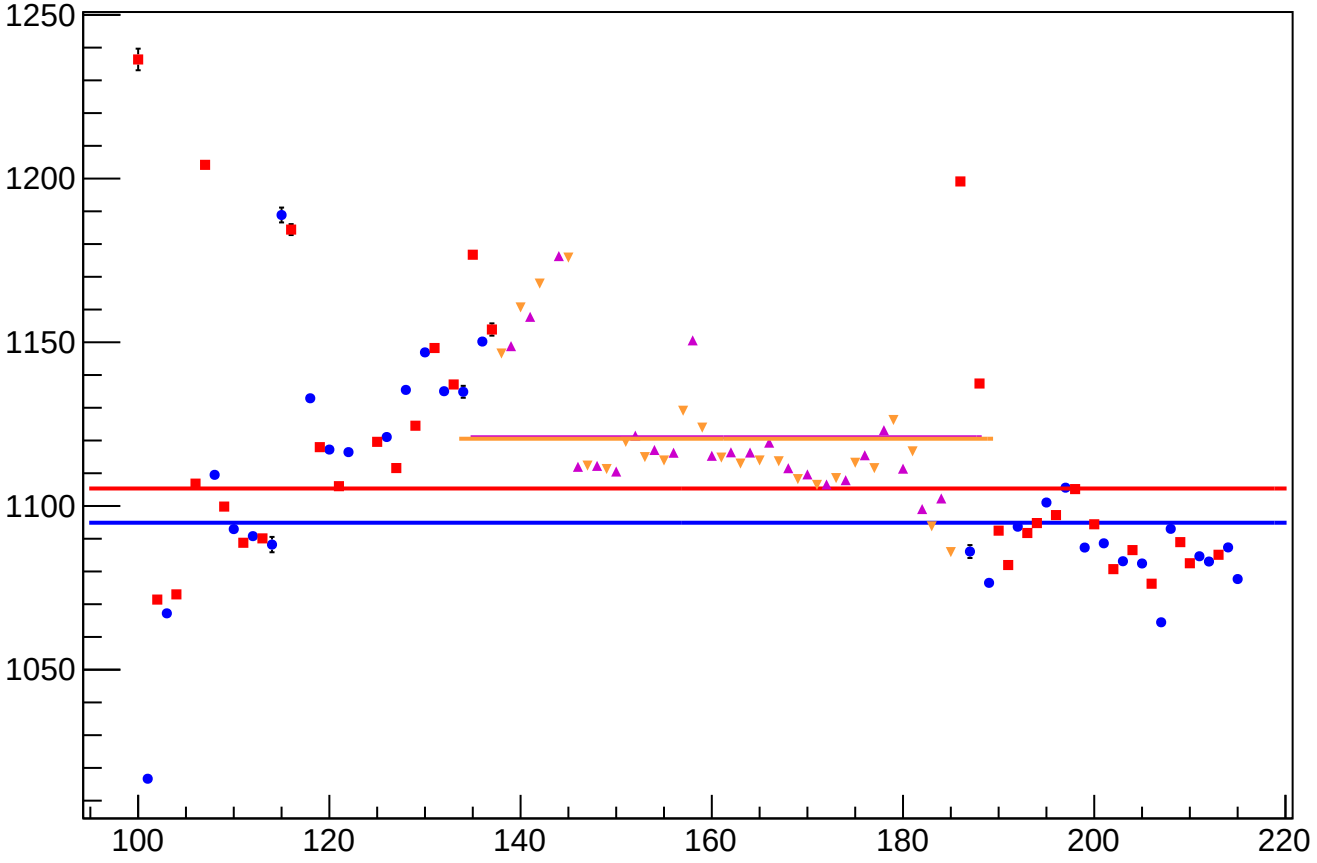
Left In: -1933.000+/-268.006 χ^2/NDF:27.0/22

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

All: -118.739+/-132.999 χ^2/NDF: 298.4/110

- sign -2049.963+/-189.033 χ^2/NDF: 52.5/55

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: 1105.343+/-0.189 χ^2/NDF: 28262.5/32

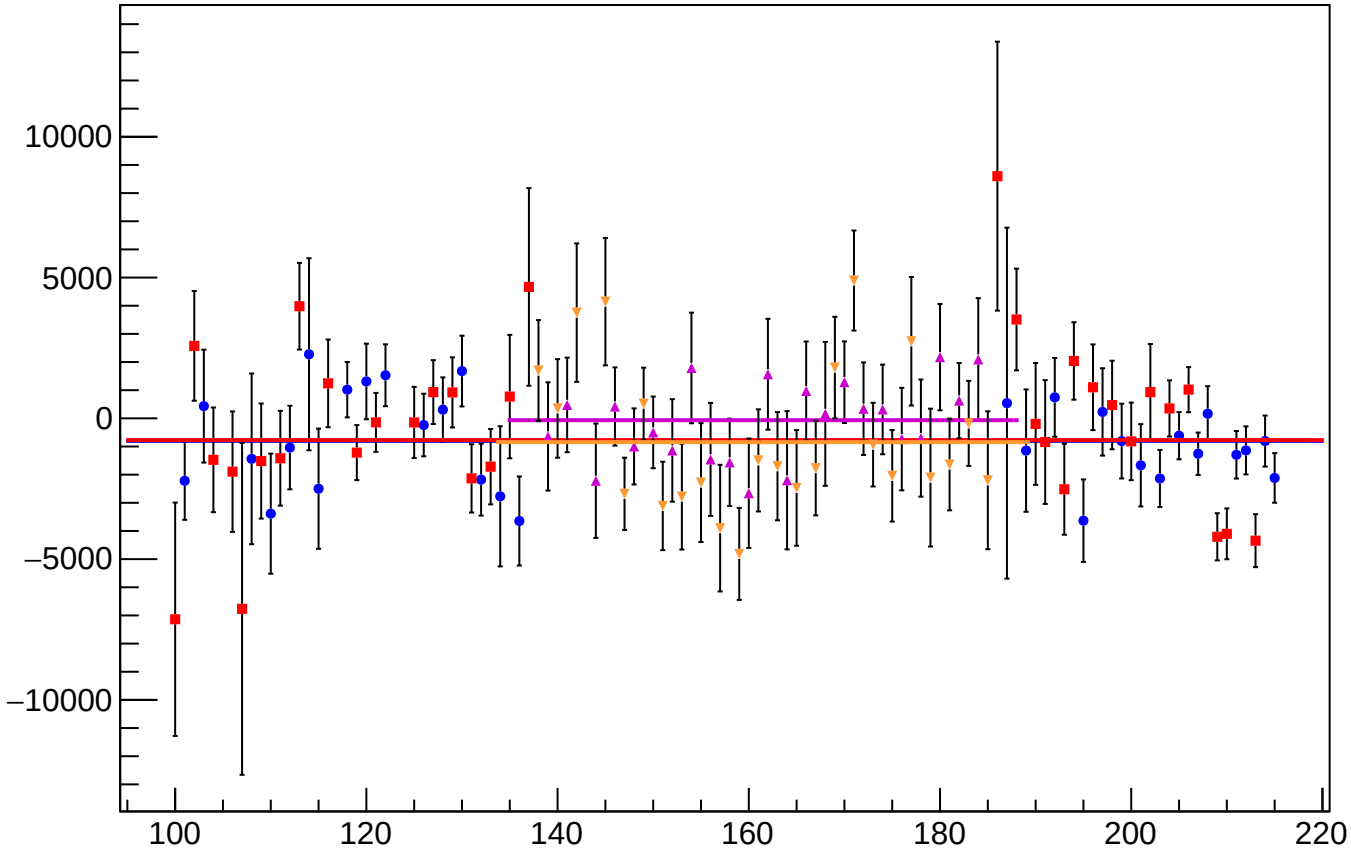
Left In: 1120.991+/-0.190 χ^2/NDF:9641.8/22

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

All: 1110.317+/-0.094 χ^2/NDF: 85418.8/110

- sign 1113.127+/-0.134 χ^2/NDF: 41330.5/55

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: -772.927+/-238.658 χ^2/NDF: 97.0/32

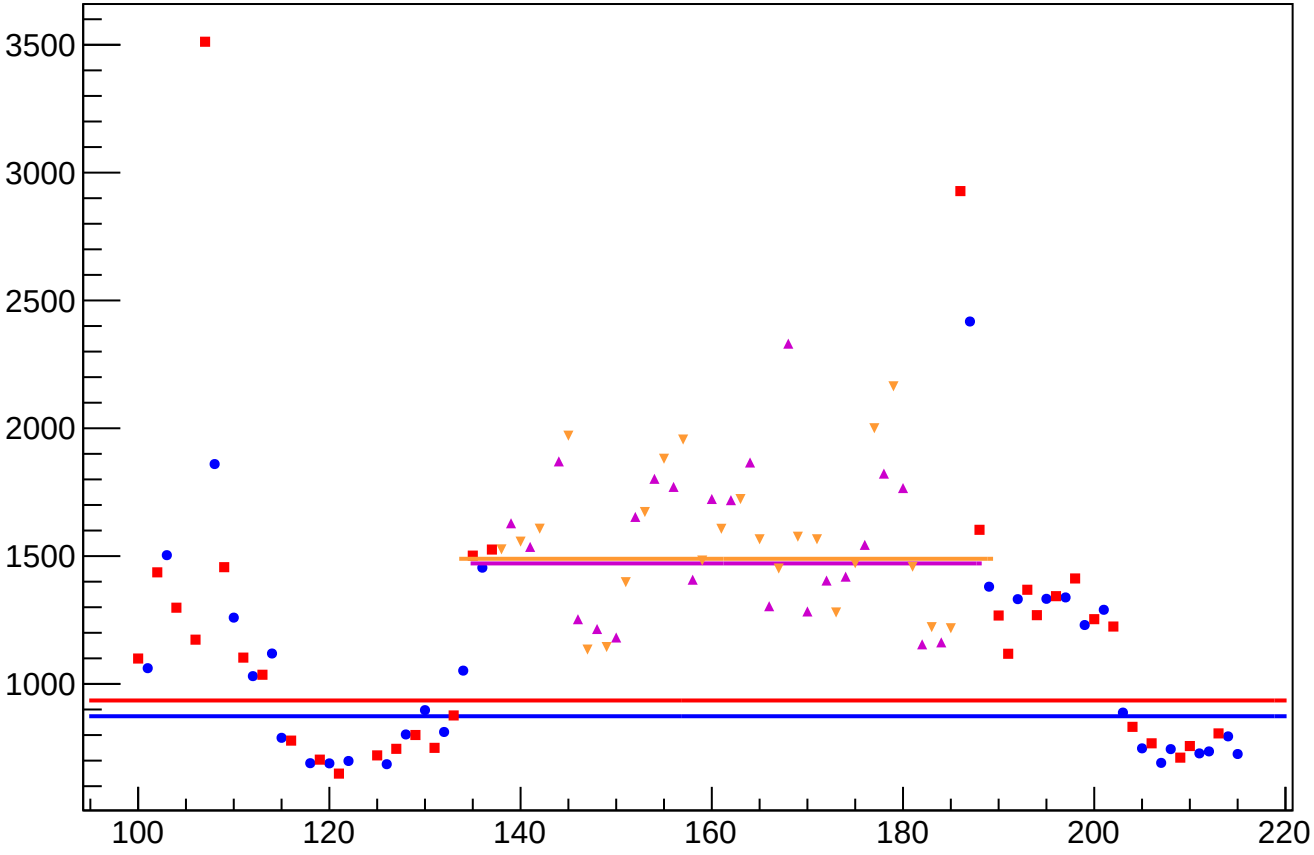
Left In: -65.738+/-358.785 χ^2/NDF:12.1/22

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

All: -691.386+/-136.328 χ^2/NDF: 192.5/110

- sign -556.002+/-198.711 χ^2/NDF: 111.8/55

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: 935.273+/-0.169 χ^2/NDF: 3239595.6/32

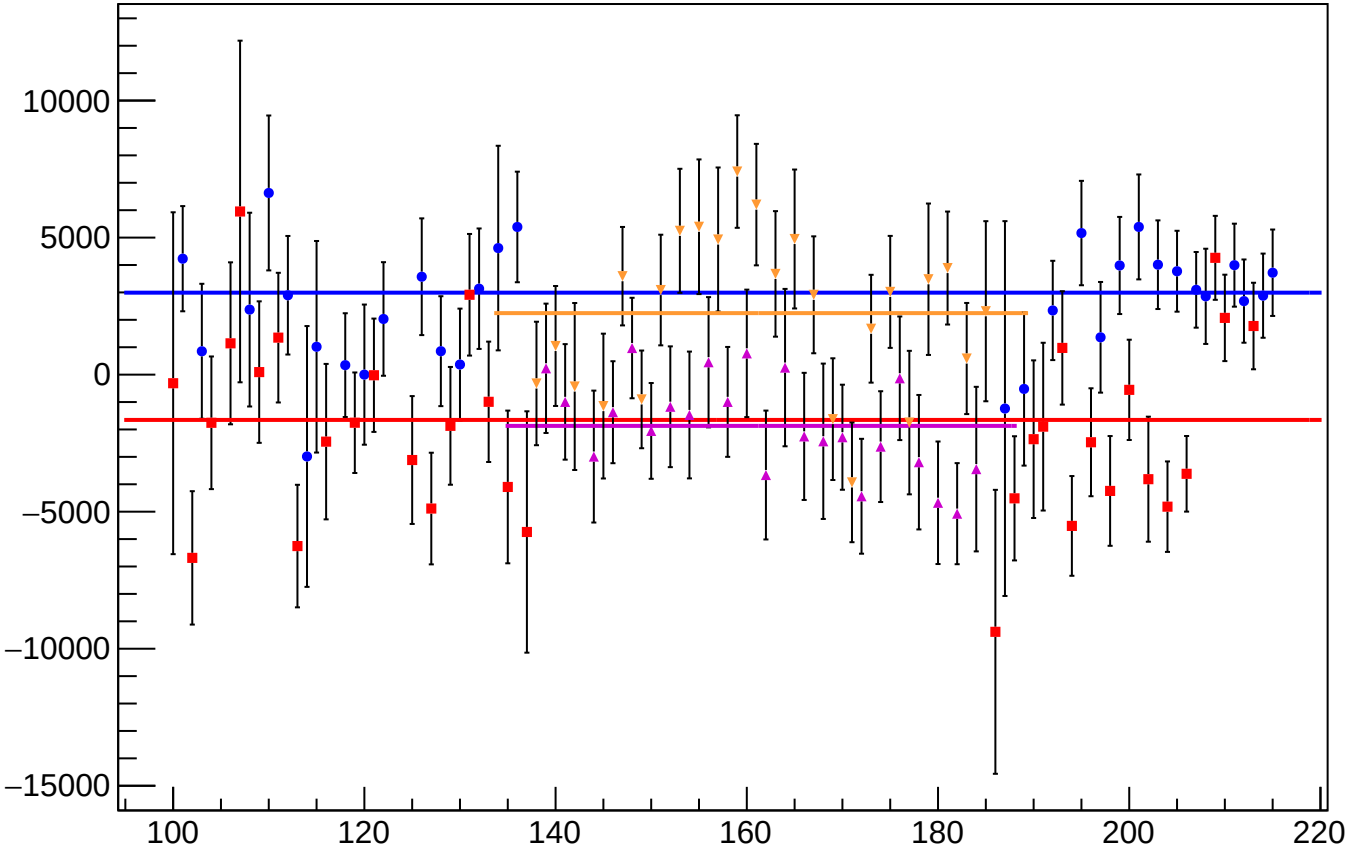
Left In: 1471.394+/-0.254 χ^2/NDF:1105310.5/22

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

All: 1067.805+/-0.096 χ^2/NDF: 15363638.8/1

- sign 1099.724+/-0.141 χ^2/NDF: 7440756.6/55

asym_usl_mean vs Slug



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: -1652.331+/-376.919 χ^2/NDF: 66.6/32

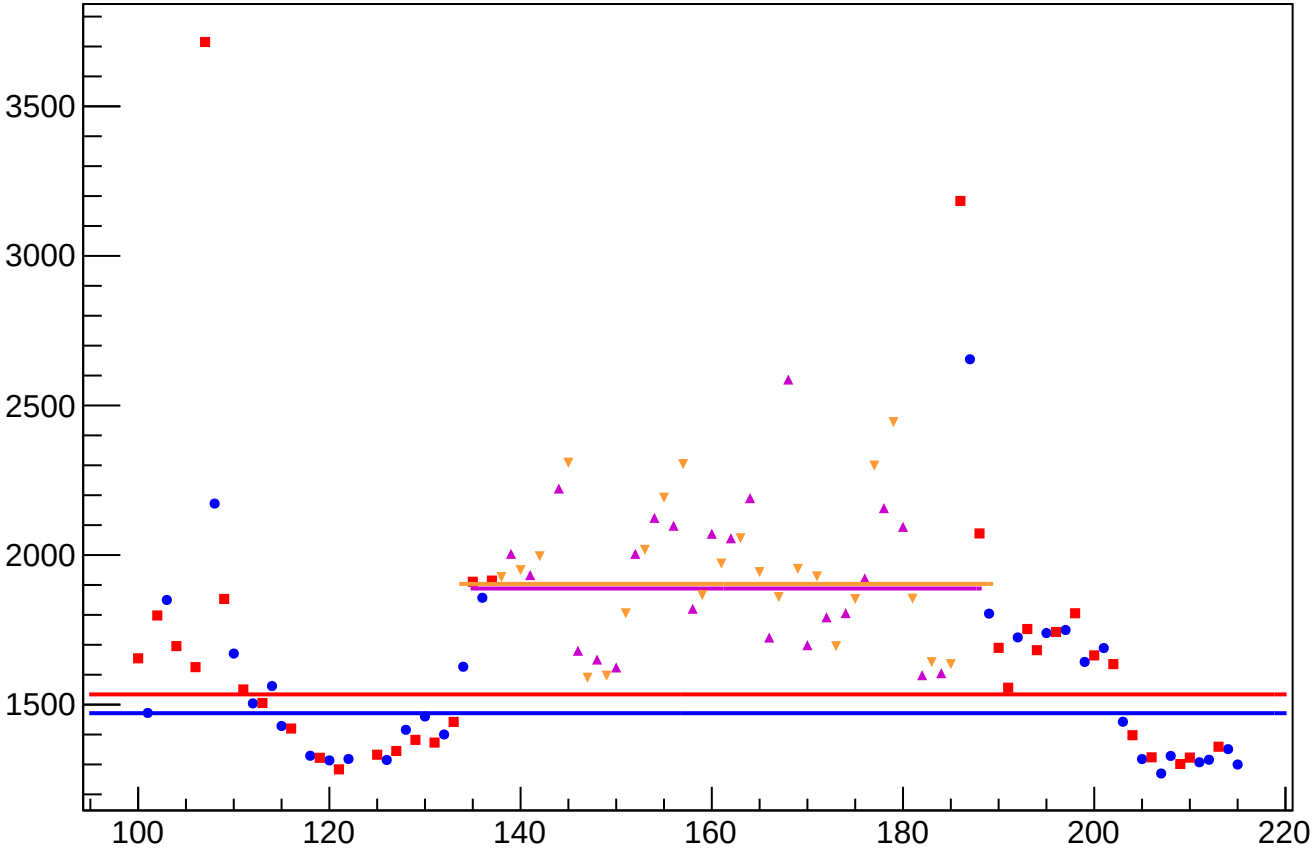
Left In: -1869.792+/-455.465 χ^2/NDF:14.9/22

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

All: 552.796+/-202.093 χ^2/NDF: 262.9/110

- sign -1740.723+/-290.382 χ^2/NDF: 81.6/55

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: 1534.173+/-0.267 χ^2/NDF: 1075178.3/32

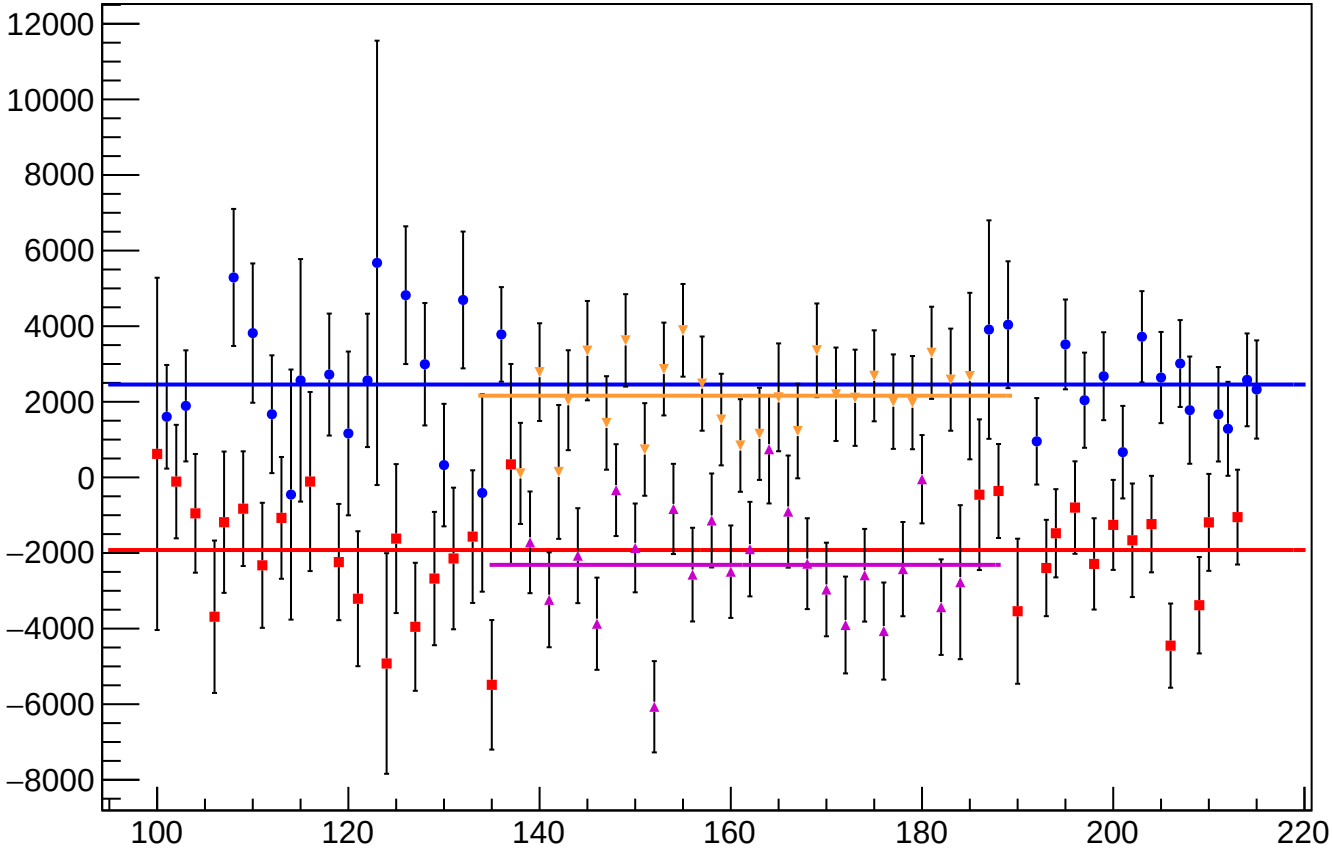
Left In: 1888.121+/-0.322 χ^2/NDF:504568.6/22

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

All: 1656.194+/-0.143 χ^2/NDF: 4558016.0/11

- sign 1678.042+/-0.205 χ^2/NDF: 2296619.6/55

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: -1921.312+/-267.588 χ^2/NDF: 24.8/32

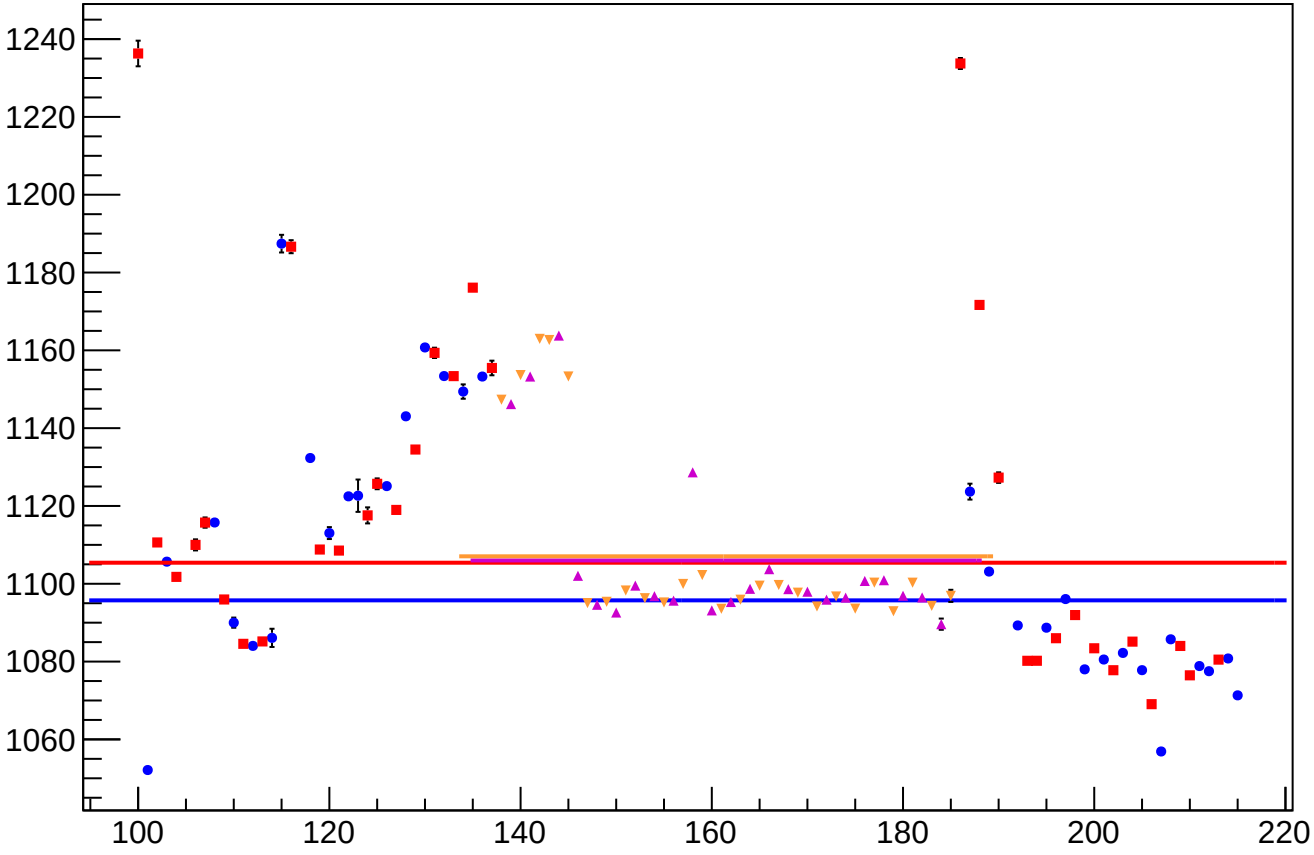
Left In: -2313.505+/-264.429 χ^2/NDF:31.3/22

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

All: 141.561+/-131.535 χ^2/NDF: 377.3/112

- sign -2119.737+/-188.087 χ^2/NDF: 57.2/55

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: 1105.413+/-0.189 χ^2/NDF: 36016.3/32

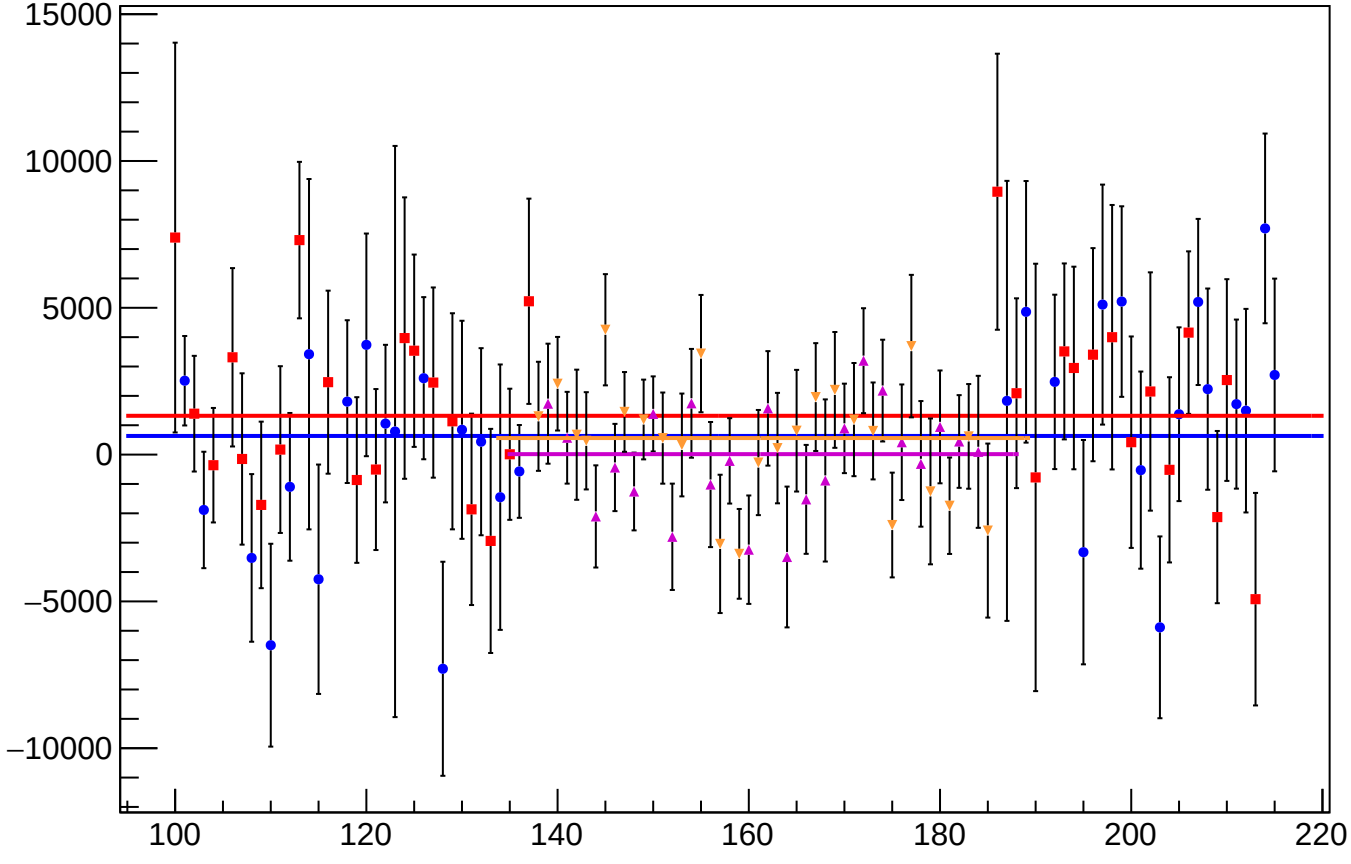
Left In: 1105.997+/-0.187 χ^2/NDF:11551.3/22

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

All: 1103.567+/-0.093 χ^2/NDF: 89495.2/112

- sign 1105.708+/-0.133 χ^2/NDF: 47572.5/55

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: 1321.739+/-542.507 χ^2/NDF: 24.7/32

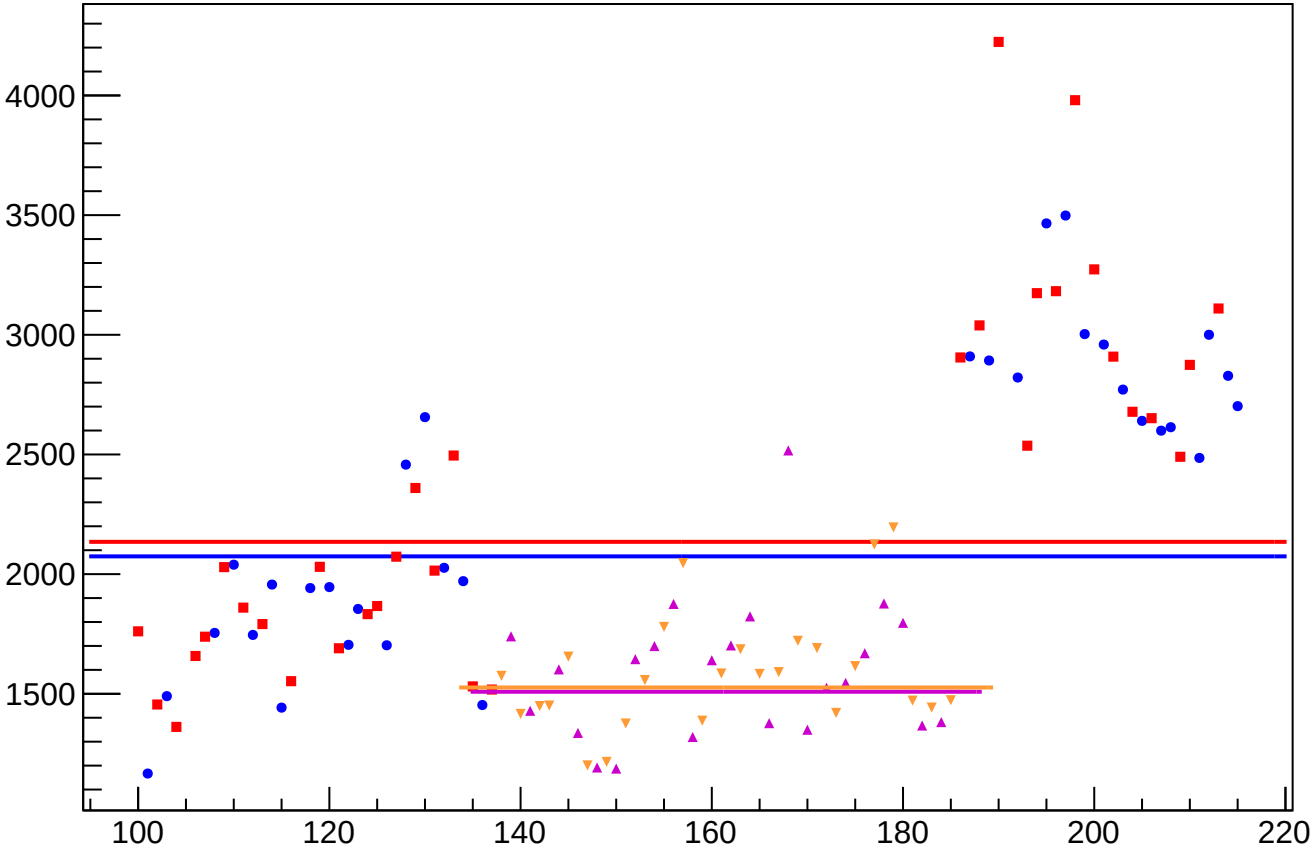
Left In: 15.520+/-366.854 χ^2/NDF:20.1/22

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

All: 507.655+/-212.527 χ^2/NDF: 112.8/112

\- sign 425.395+/-303.895 χ^2/NDF: 48.8/55

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

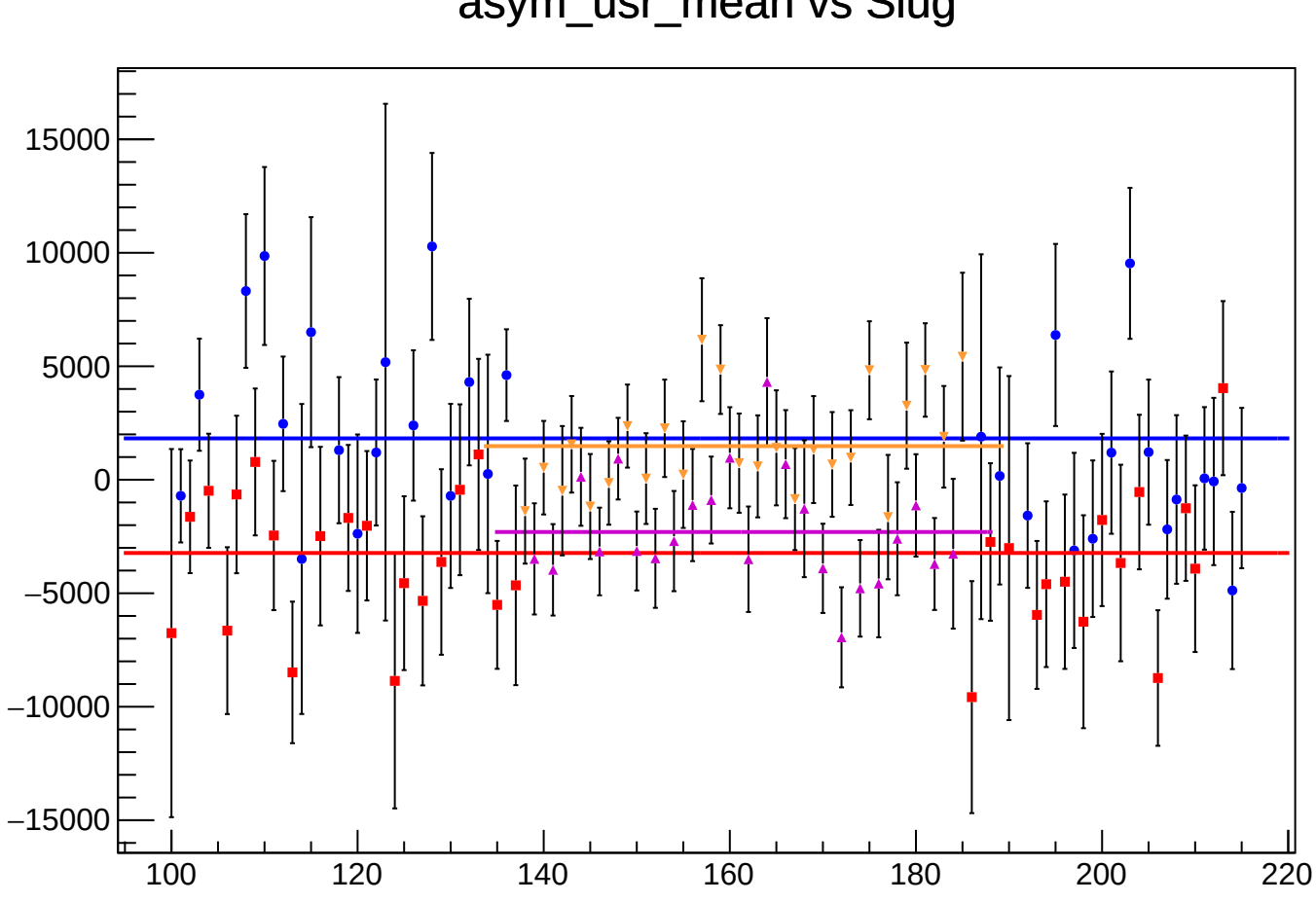
Right Out: 2134.933+/-0.384 χ^2/NDF: 2847115.0/32

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

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

All: 1703.733+/-0.150 χ^2/NDF: 10990243.0/1

- sign 1705.122+/-0.215 χ^2/NDF: 5608227.4/55



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: -3226.262+/-625.493 χ^2/NDF: 23.0/32

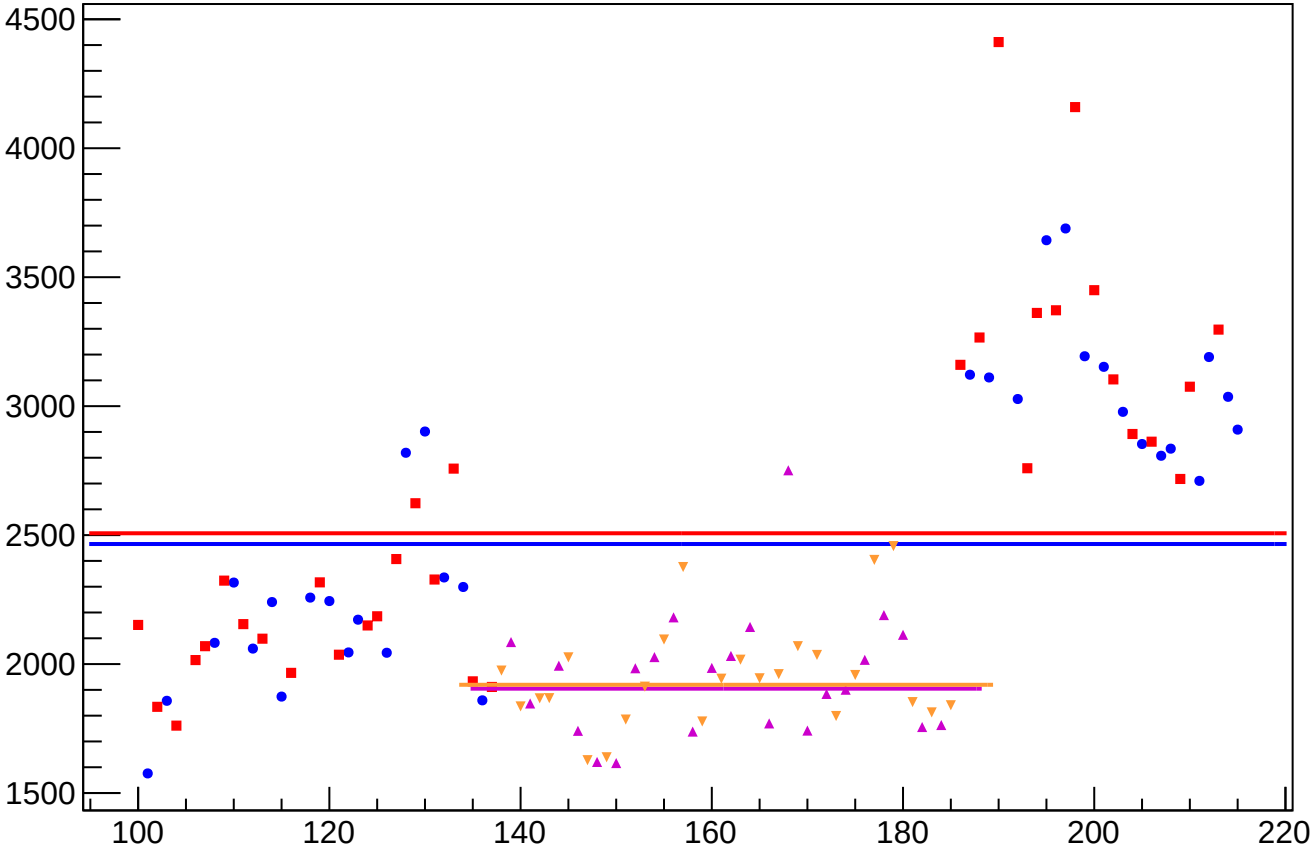
Left In: -2301.247+/-459.040 χ^2/NDF:24.8/22

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

All: -465.076+/-258.803 χ^2/NDF: 174.6/112

- sign -2625.051+/-370.075 χ^2/NDF: 49.2/55

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: 2507.138+/-0.442 χ^2/NDF: 1782929.1/32

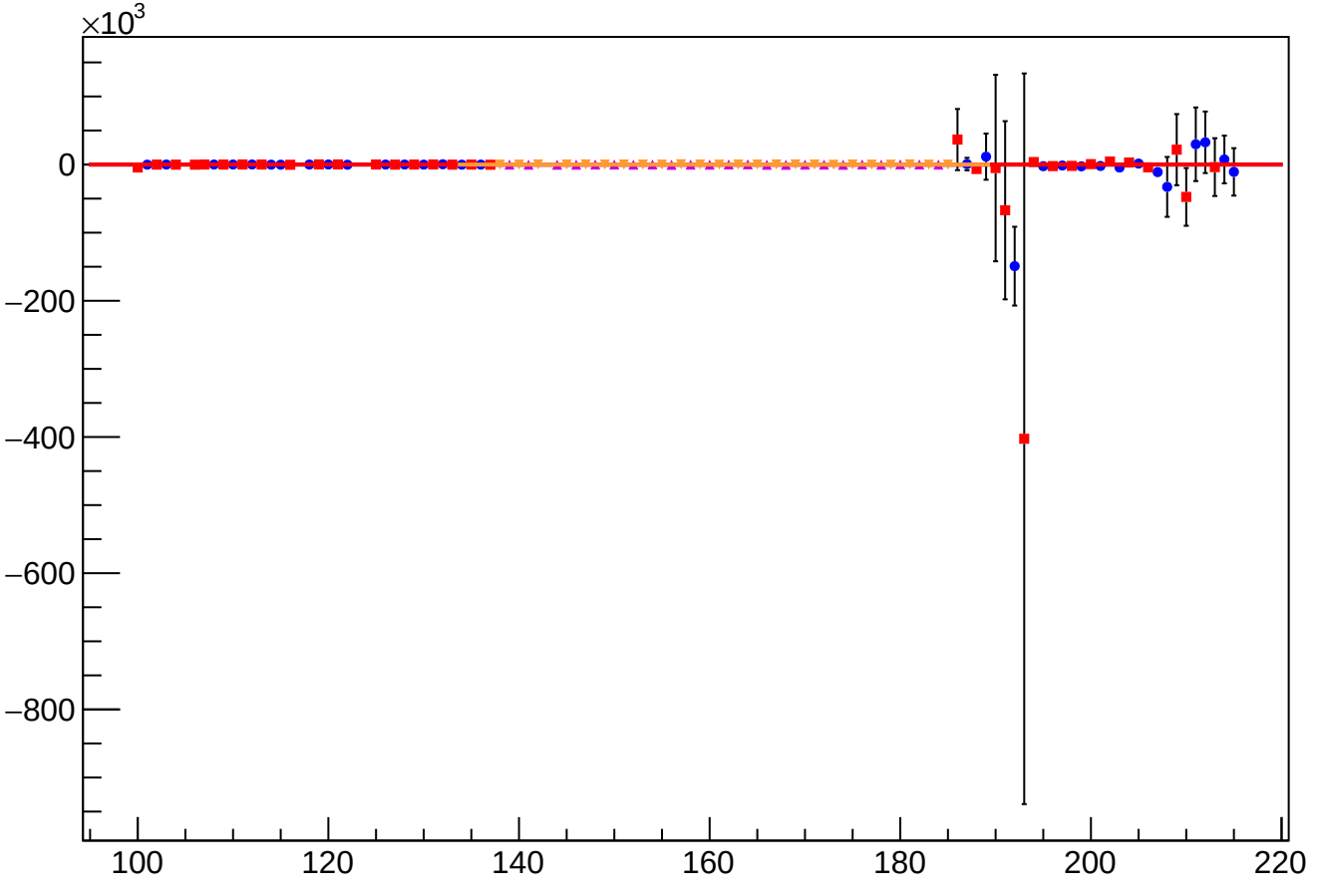
Left In: 1904.629+/-0.325 χ^2/NDF:447350.7/22

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

All: 2113.814+/-0.183 χ^2/NDF: 6641708.4/11

- sign 2115.539+/-0.262 χ^2/NDF: 3436400.1/55

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: -1.857+/-36.747 χ^2/NDF: 20.9/32

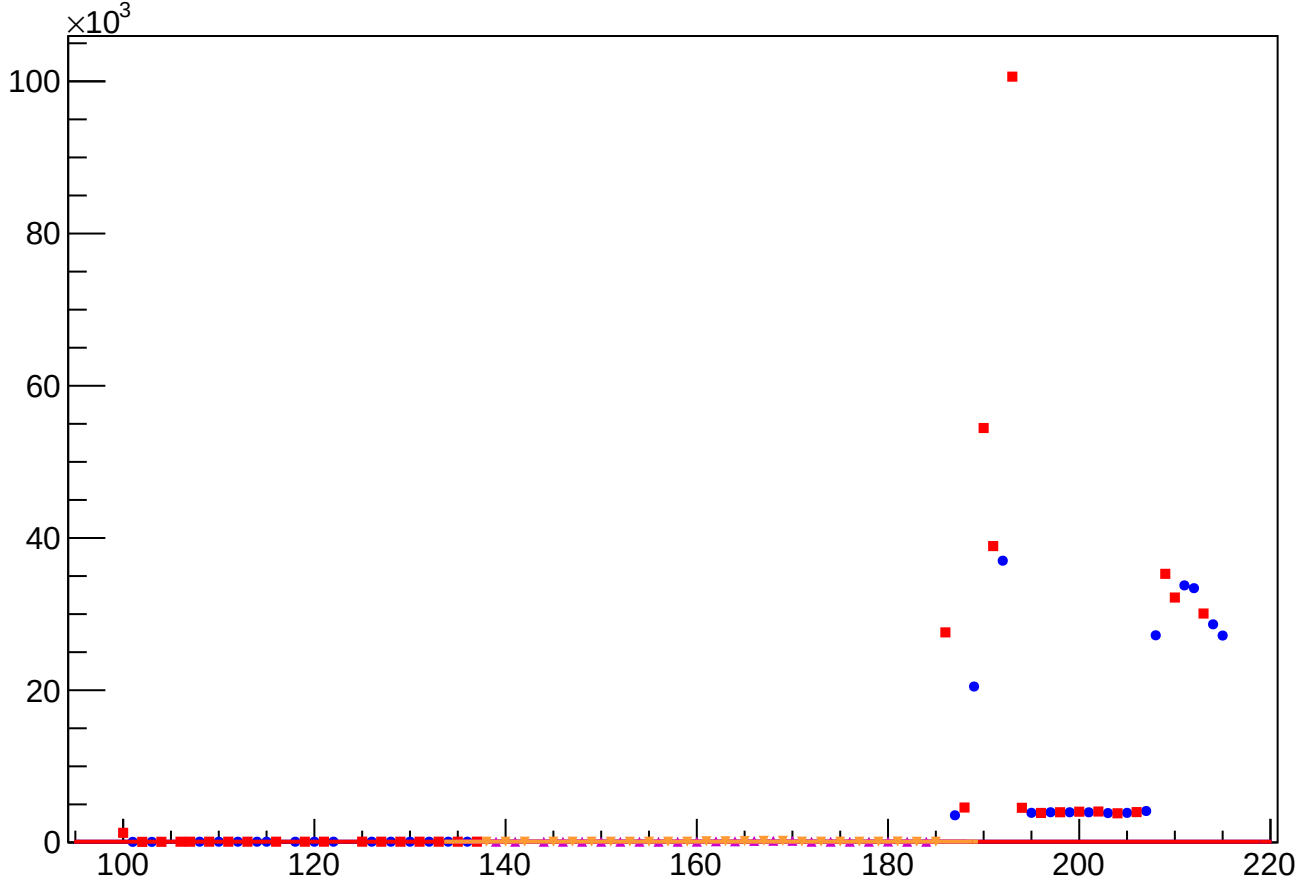
Left In: -24.786+/-26.343 χ^2/NDF:36.4/22

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

All: -4.815+/-15.124 χ^2/NDF: 127.2/110

- sign -17.003+/-21.410 χ^2/NDF: 57.6/55

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: 98.293+/-0.026 χ^2/NDF: 15544339.4/32

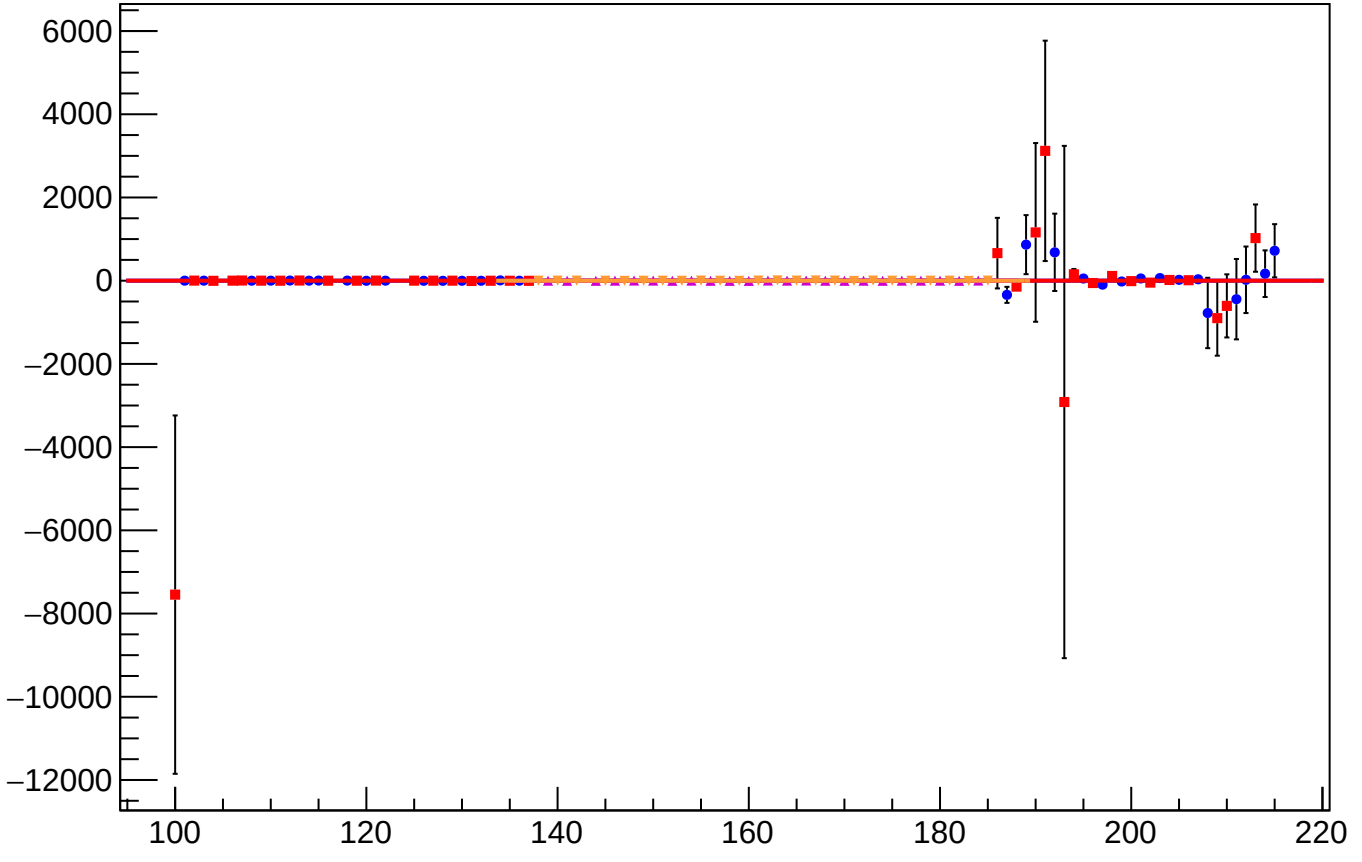
Left In: 107.672+/-0.019 χ^2/NDF:1491034.7/22

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

All: 104.262+/-0.011 χ^2/NDF: 36701657.8/11

- sign 104.488+/-0.015 χ^2/NDF: 17121443.8/55

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: 0.346+/-0.644 χ^2/NDF: 32.9/32

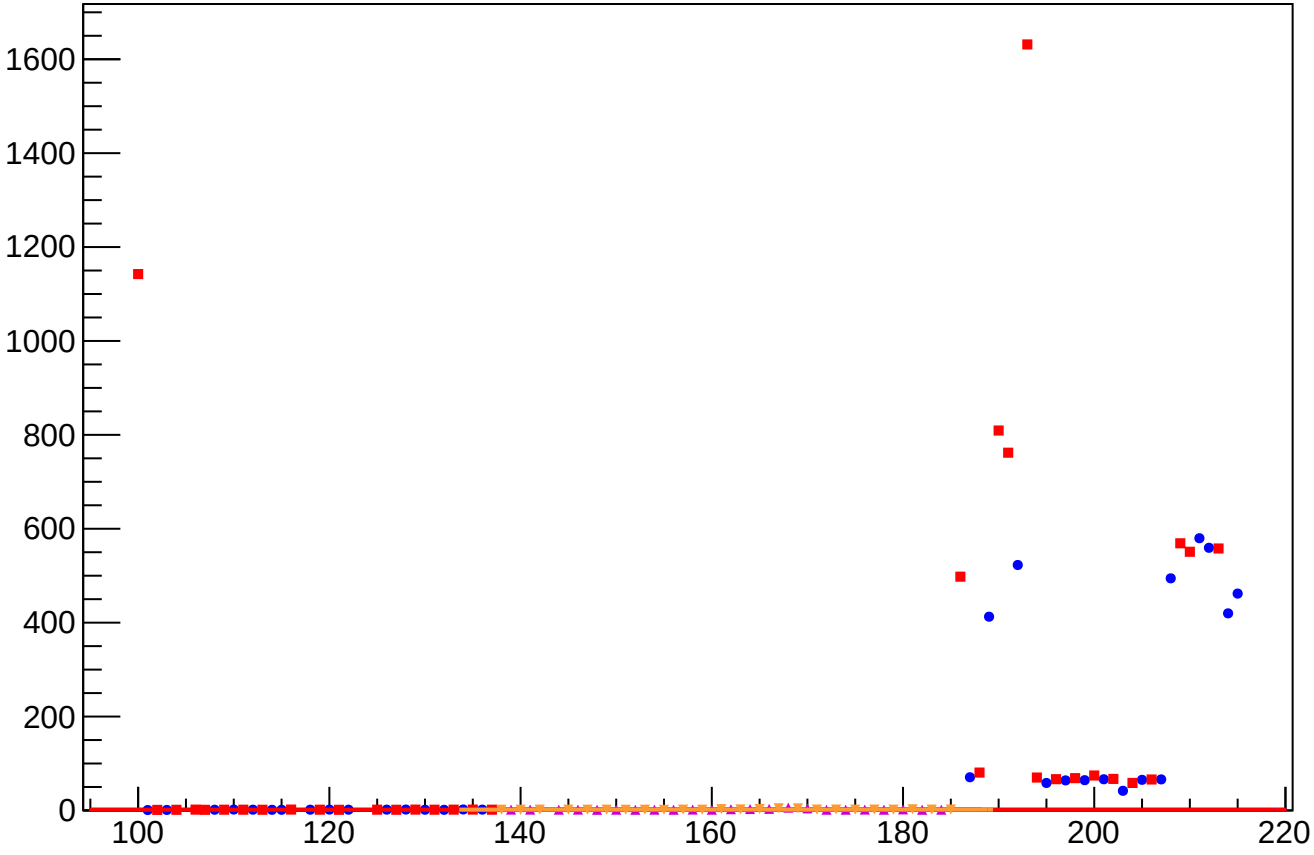
Left In: 0.067+/-0.485 χ^2/NDF:25.0/22

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

All: -0.015+/-0.270 χ^2/NDF: 112.2/110

- sign 0.168+/-0.387 χ^2/NDF: 58.0/55

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

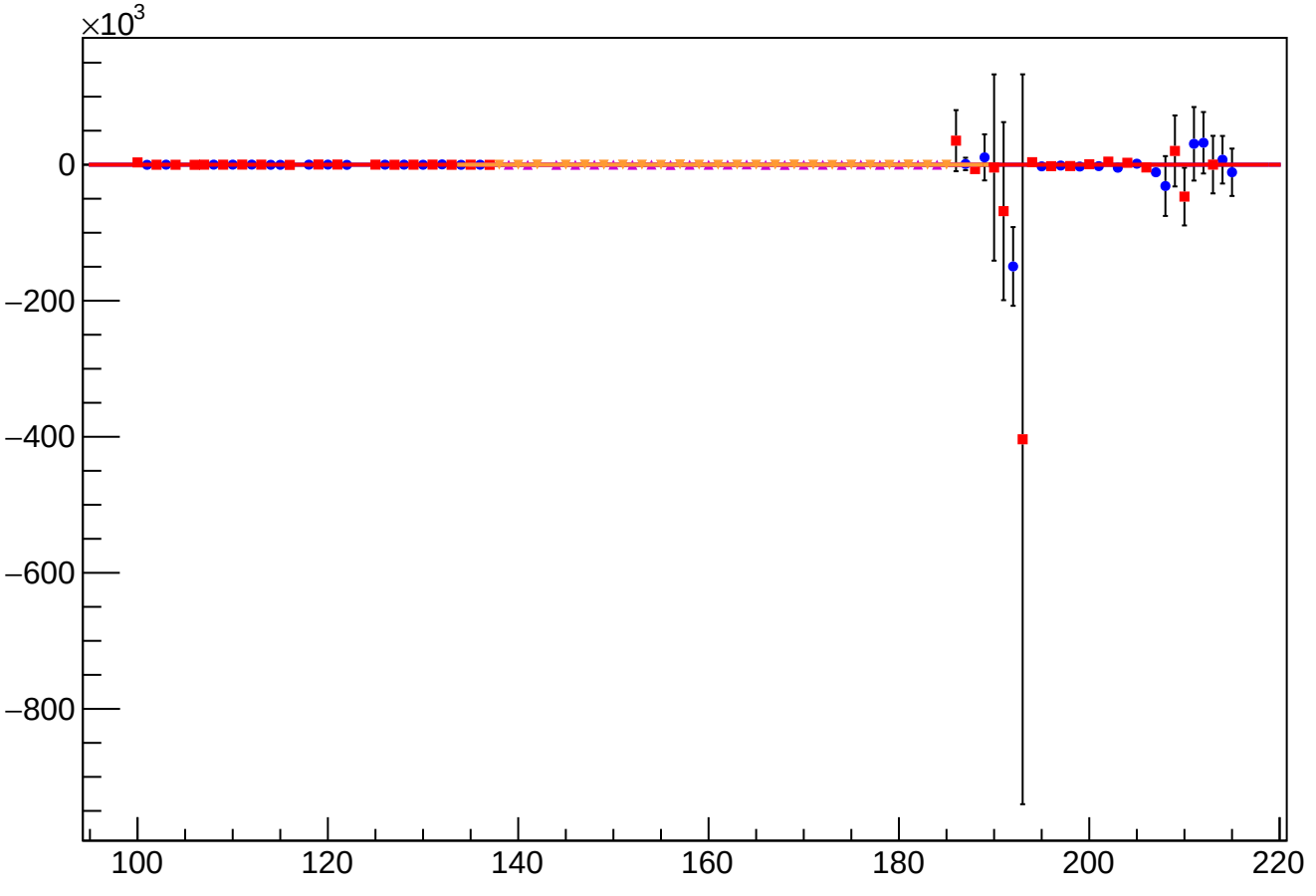
Right Out: 1.585+/-0.000 χ^2/NDF: 13730884.6/32

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: 33380114.8/110

- sign 1.724+/-0.000 χ^2/NDF: 15797470.6/55



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: -1.620+/-36.757 χ^2/NDF: 20.3/32

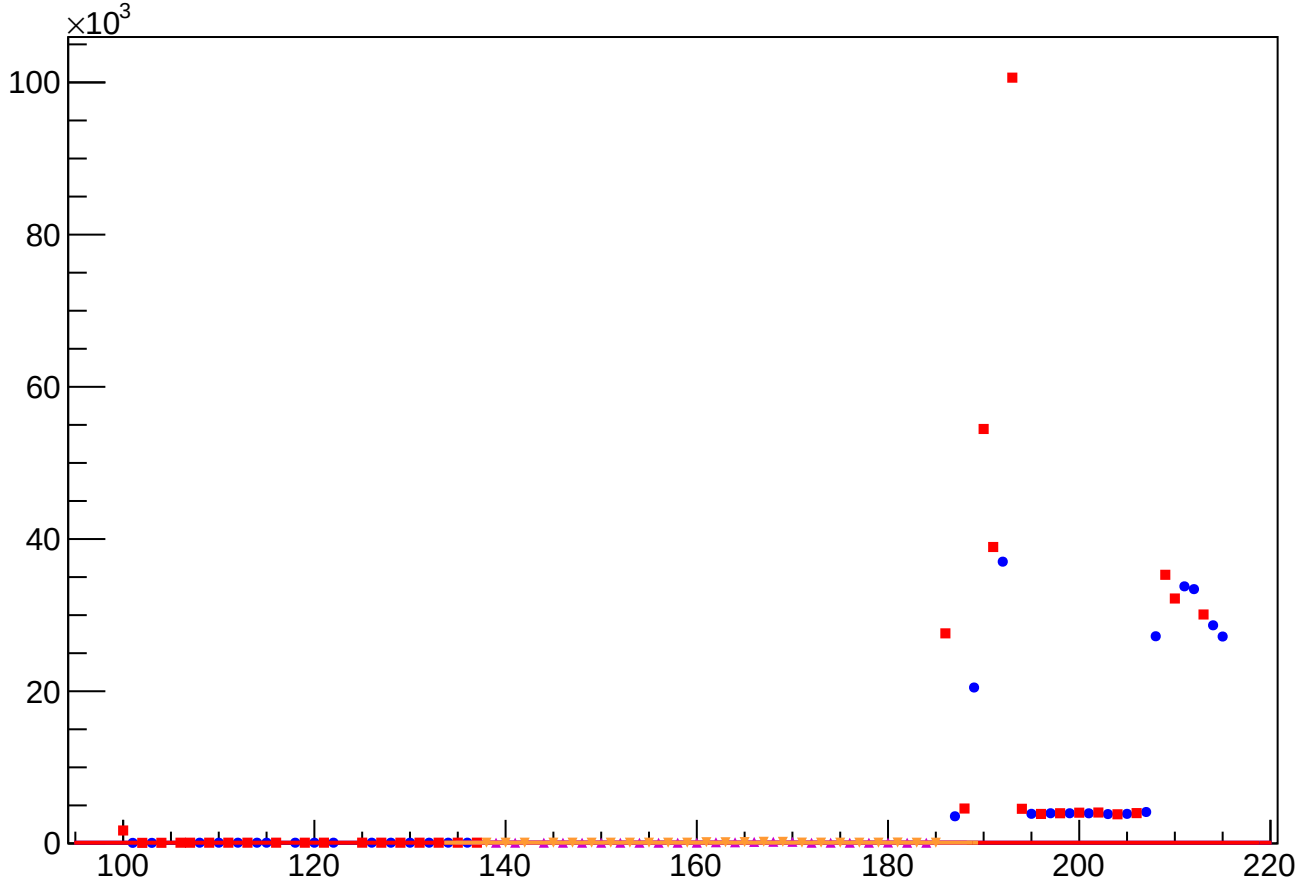
Left In: -25.312+/-26.351 χ^2/NDF:35.7/22

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

All: -4.671+/-15.129 χ^2/NDF: 126.0/110

- sign -17.269+/-21.416 χ^2/NDF: 56.2/55

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: 98.302+/-0.026 χ^2/NDF: 15549645.7/32

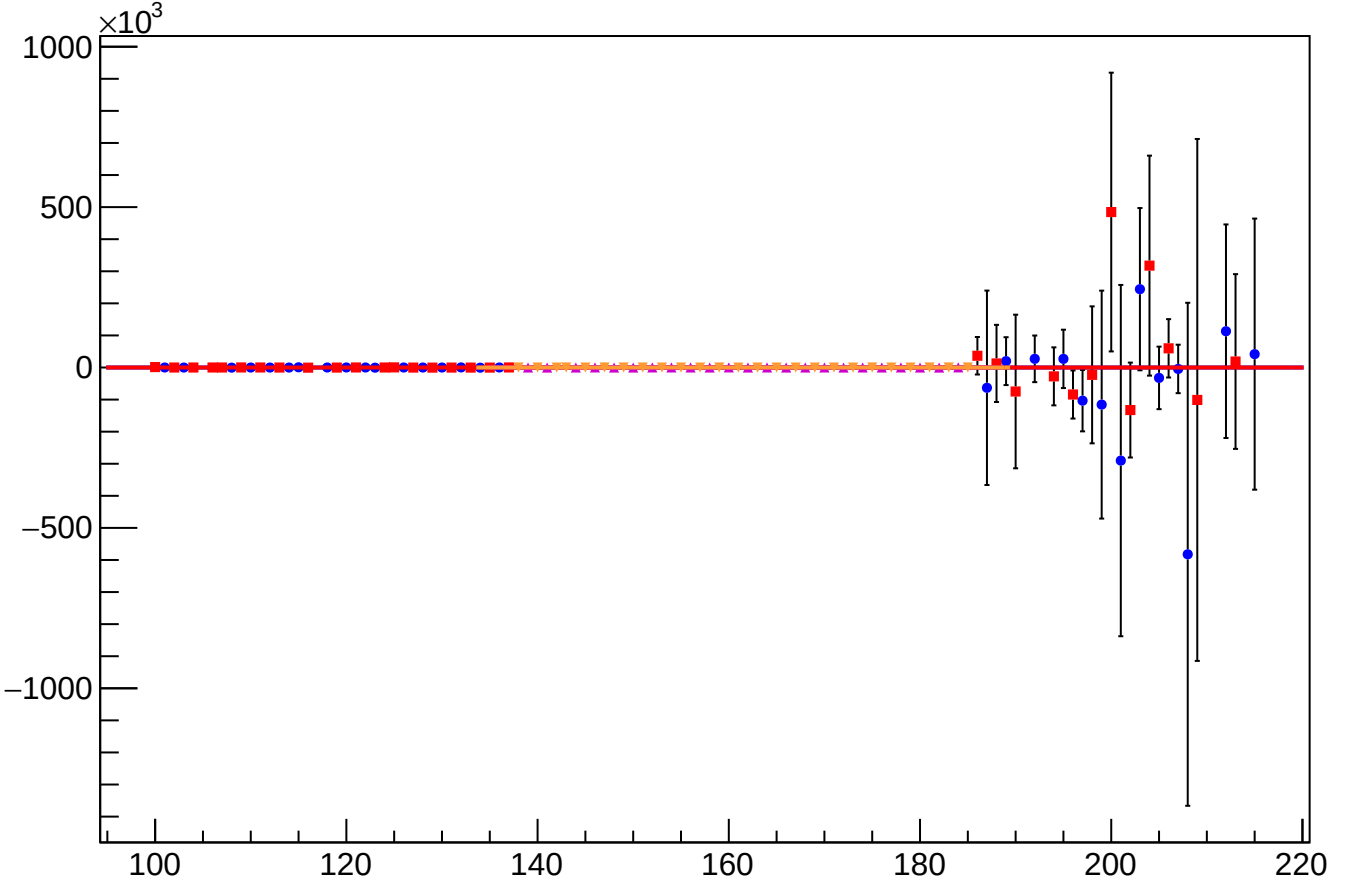
Left In: 107.703+/-0.019 χ^2/NDF:1492338.5/22

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

All: 104.288+/-0.011 χ^2/NDF: 36710030.7/11

- sign 104.512+/-0.015 χ^2/NDF: 17128397.7/55

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: -53.389+/-47.775 χ^2/NDF: 20.6/30

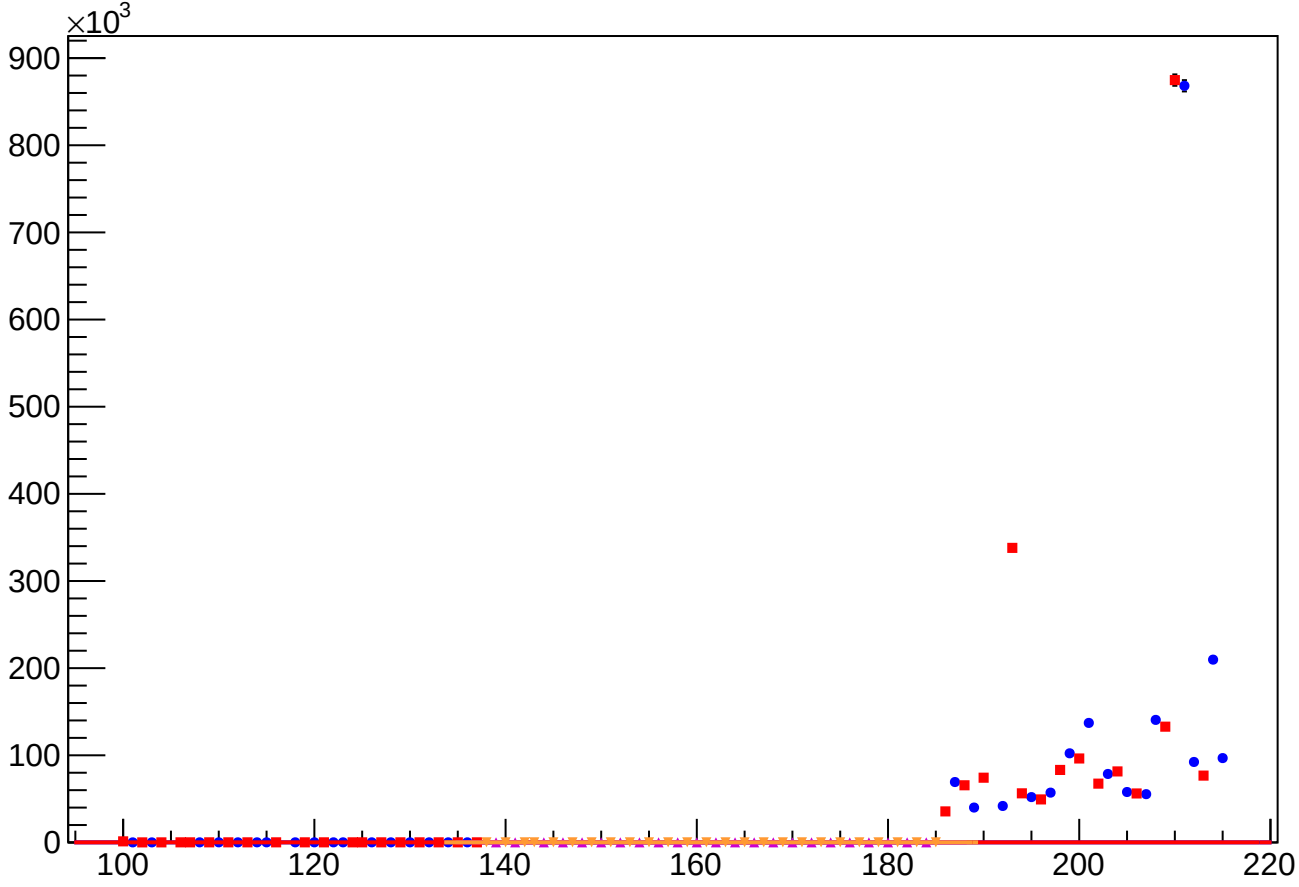
Left In: 65.335+/-32.944 χ^2/NDF:19.3/22

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

All: 4.345+/-18.939 χ^2/NDF: 75.6/108

- sign 27.075+/-27.121 χ^2/NDF: 44.1/53

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: 124.841+/-0.034 χ^2/NDF: 6452371.0/32

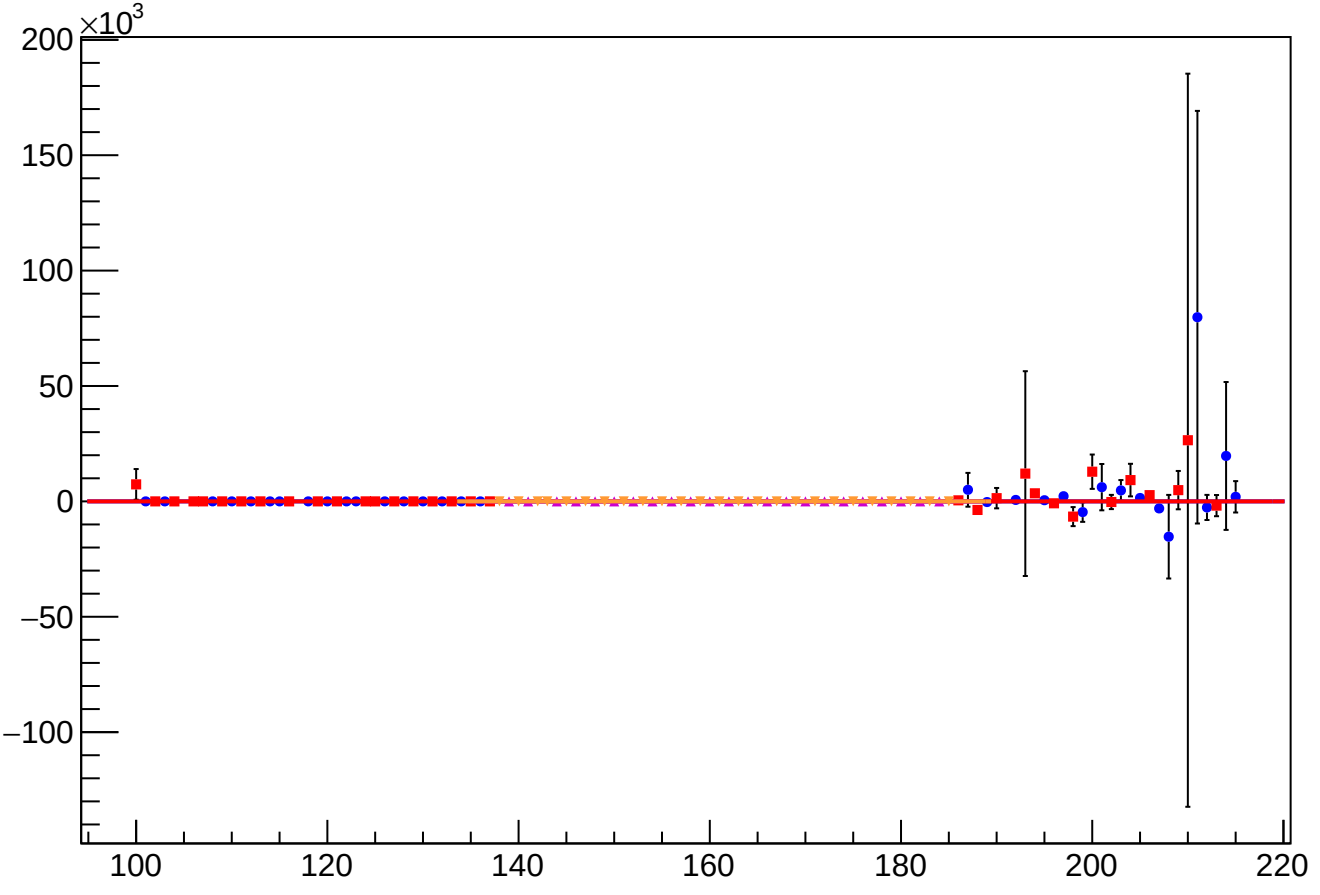
Left In: 137.804+/-0.023 χ^2/NDF:460.3/22

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

All: 132.529+/-0.013 χ^2/NDF: 13704312.7/11

- sign 133.627+/-0.019 χ^2/NDF: 6552637.1/55

asym_dsr_correction_mean vs Slug



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: 32.7/32

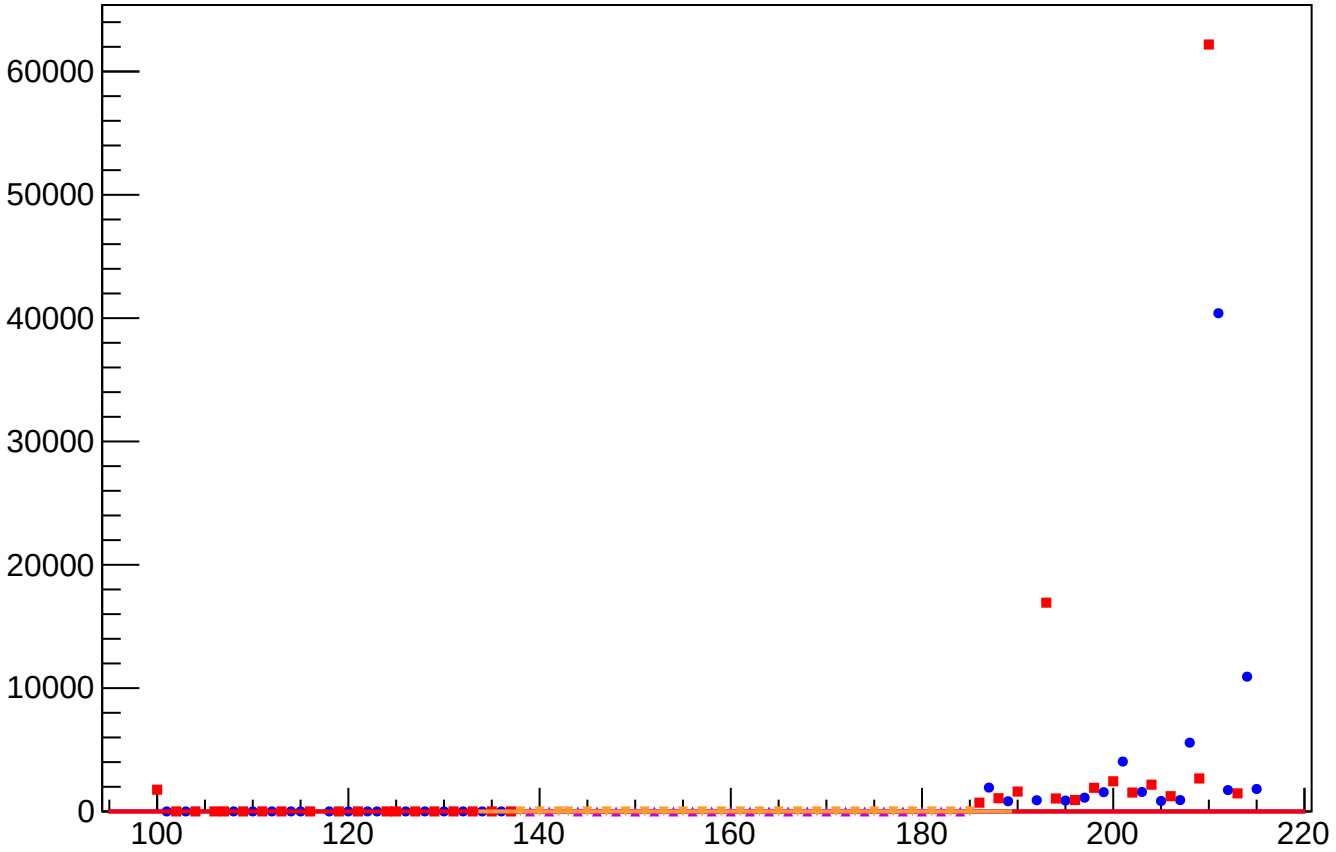
Left In: -0.290+/-0.579 χ^2/NDF:20.7/22

+ sign 0.087+/-0.467 χ^2/NDF: 56.0/56

All: 0.046+/-0.334 χ^2/NDF: 110.2/112

- sign 0.004+/-0.479 χ^2/NDF: 54.2/55

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

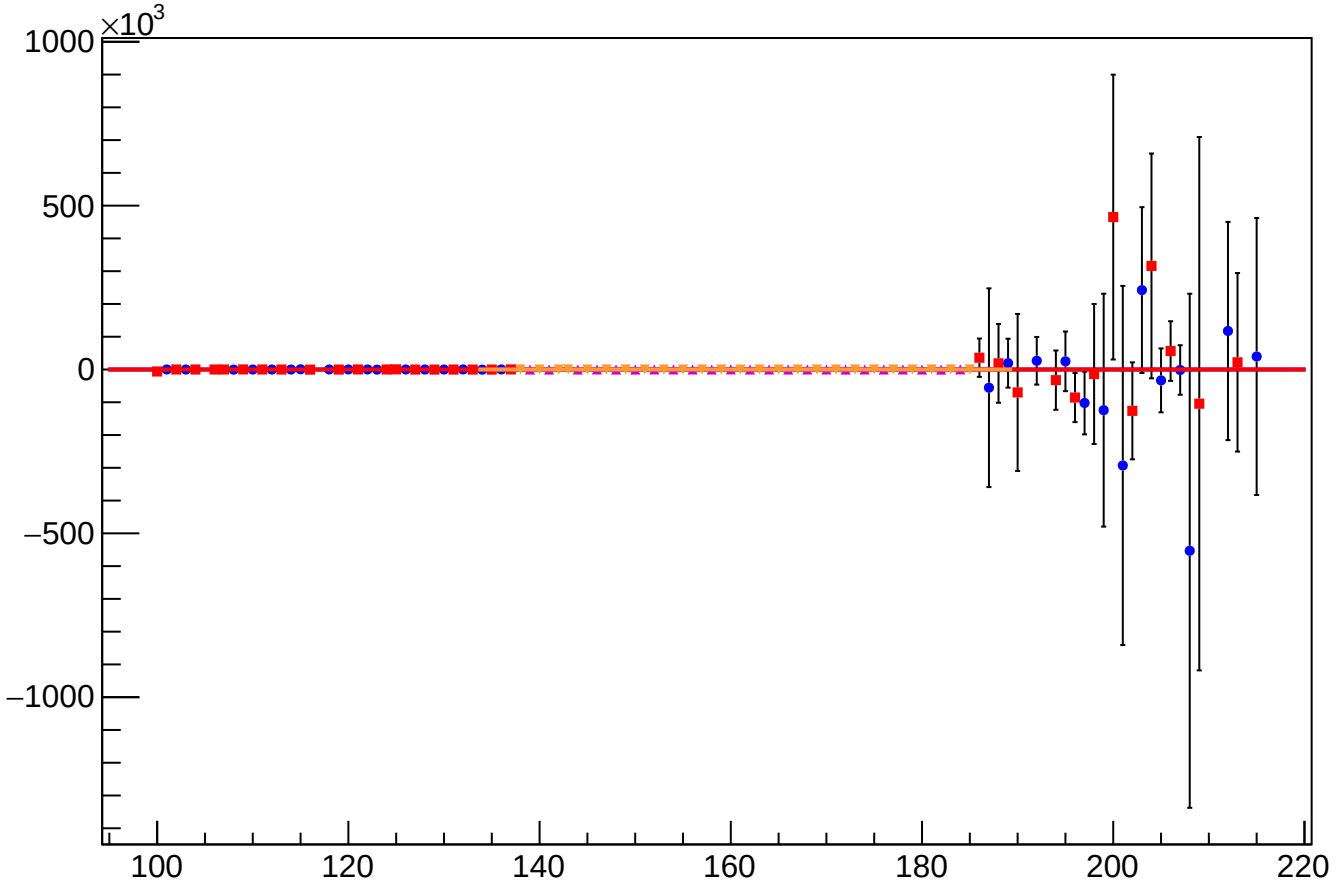
Right Out: 2.065+/-0.001 χ^2/NDF: 6790051.4/32

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: 14833049.4/112

- sign 2.153+/-0.000 χ^2/NDF: 7331633.1/55



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: -54.291+/-47.789 χ^2/NDF: 21.1/30

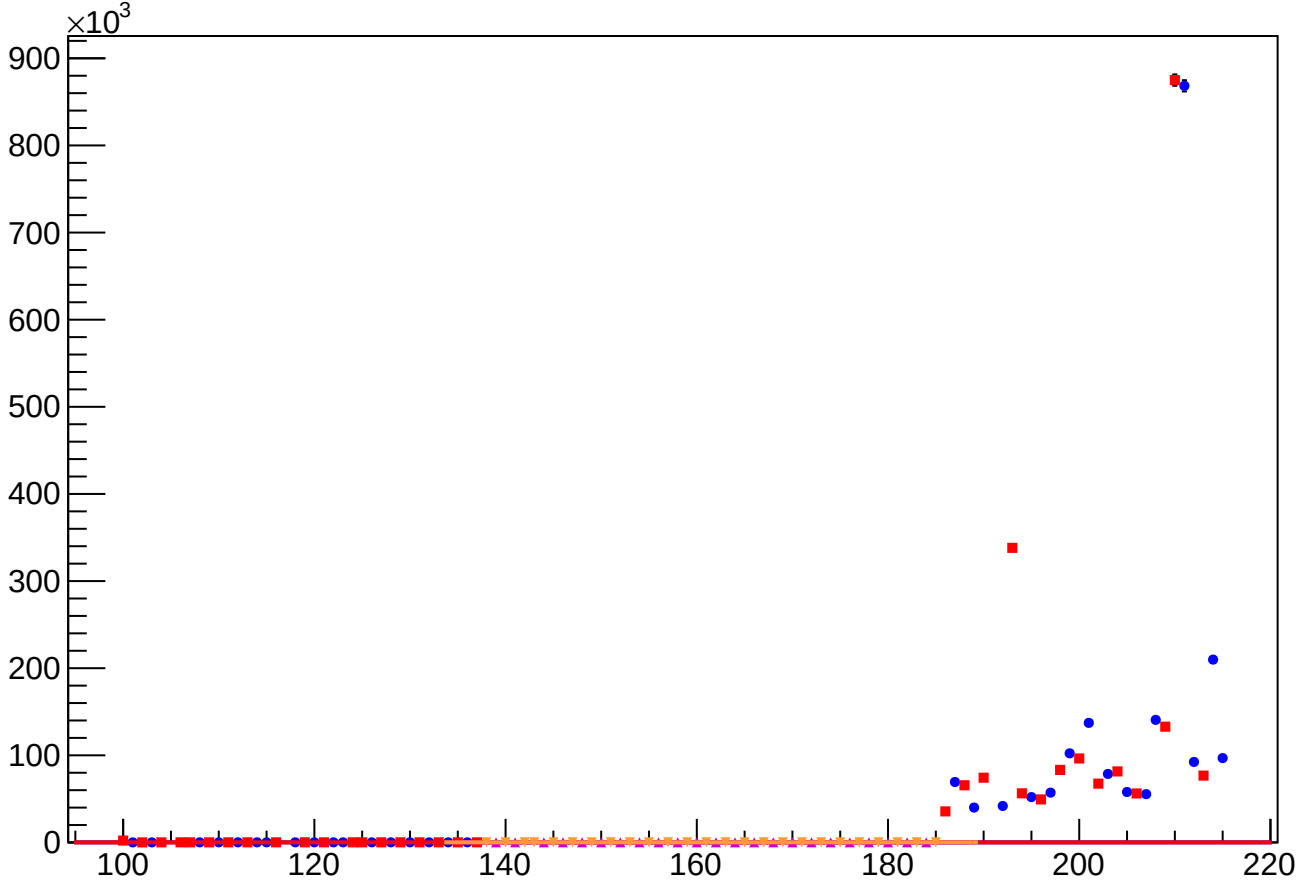
Left In: 65.231+/-32.953 χ^2/NDF:19.4/22

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

All: 4.260+/-18.944 χ^2/NDF: 75.9/108

- sign 26.714+/-27.129 χ^2/NDF: 44.7/53

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: 124.830+/-0.034 χ^2/NDF: 6463039.9/32

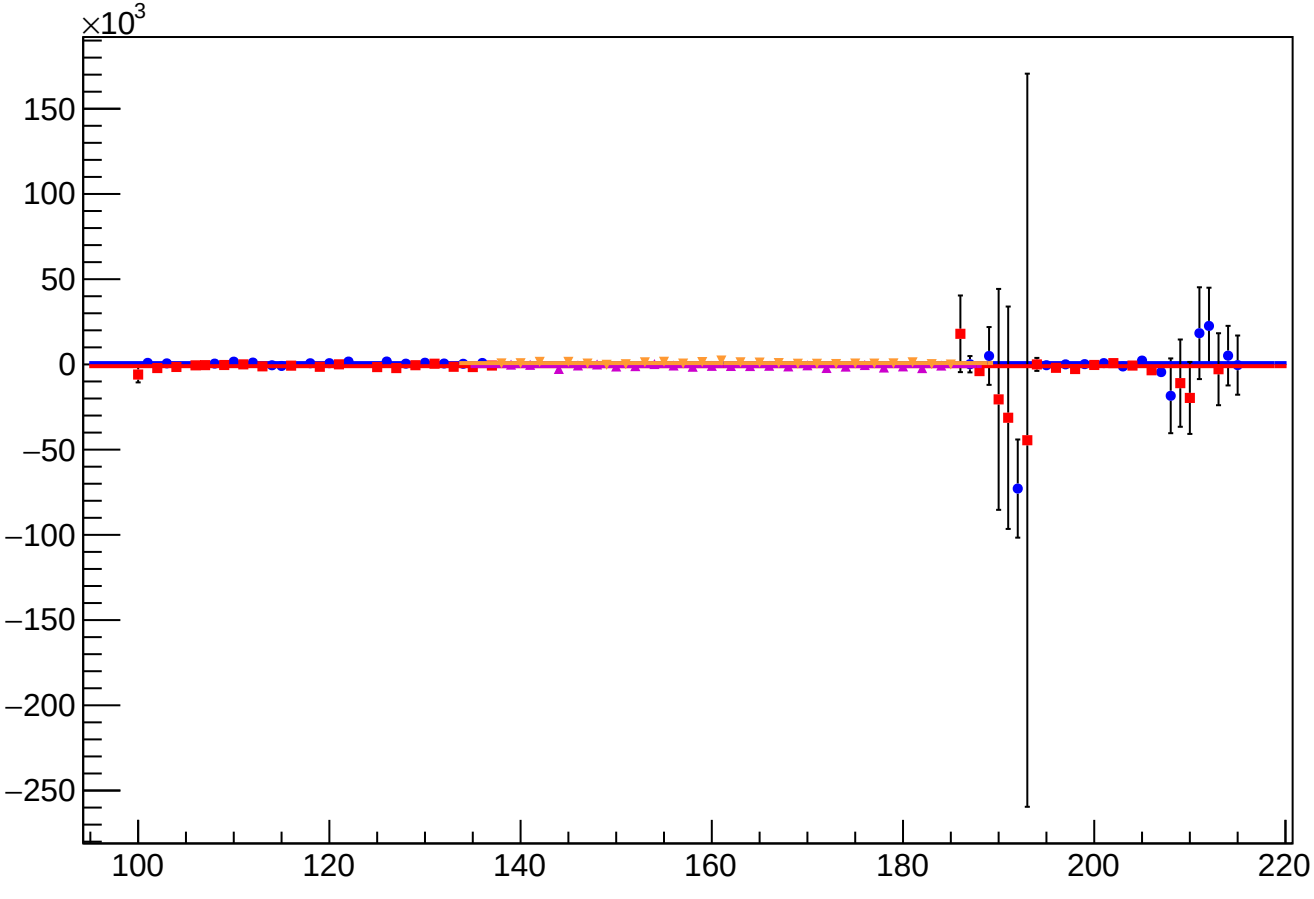
Left In: 137.843+/-0.023 χ^2/NDF:457.2/22

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

All: 132.558+/-0.013 χ^2/NDF: 13715777.9/11

- sign 133.649+/-0.019 χ^2/NDF: 6564014.0/55

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: -1039.694+/-207.265 χ^2/NDF: 19.6/32

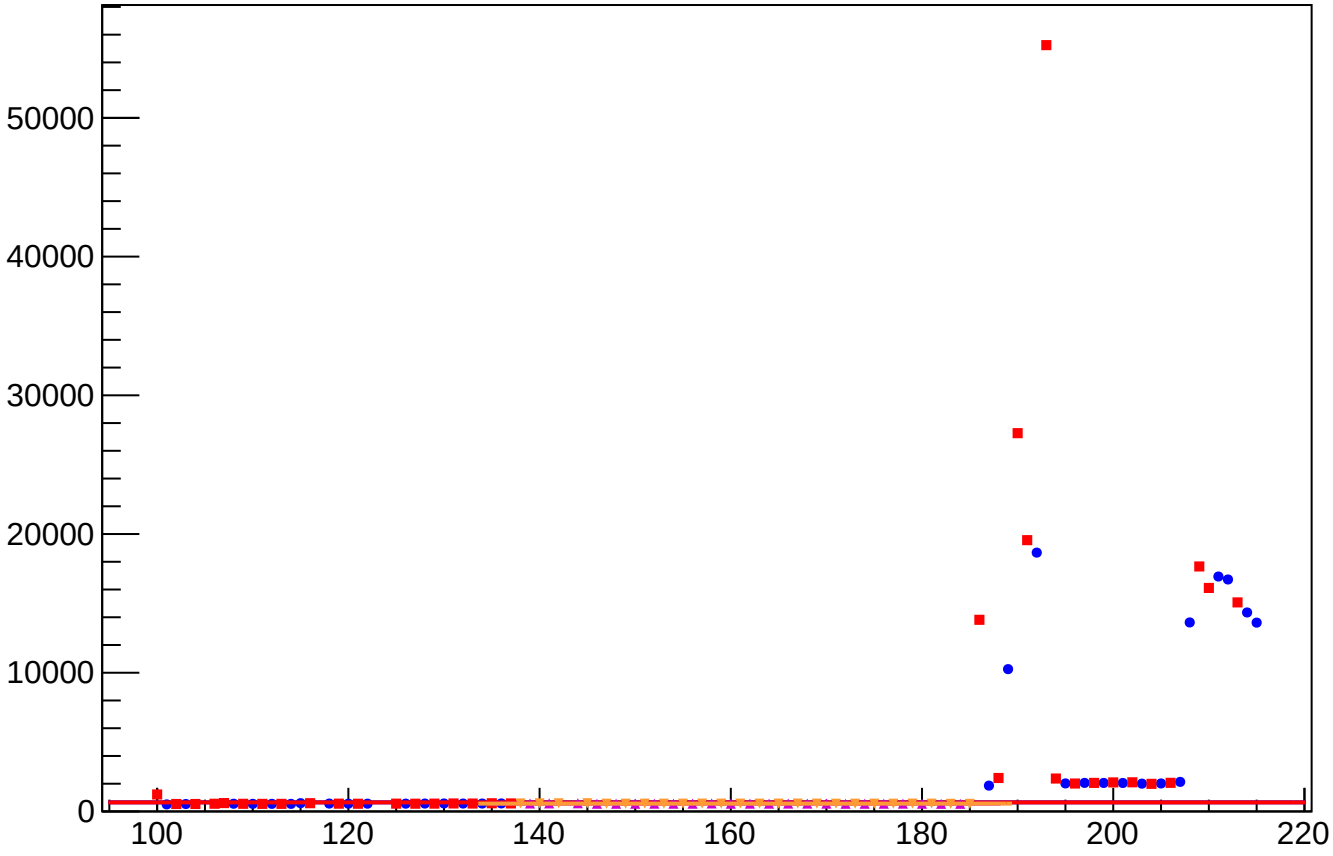
Left In: -974.402+/-134.932 χ^2/NDF:27.4/22

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

All: -106.026+/-79.920 χ^2/NDF: 210.5/110

- sign -993.837+/-113.081 χ^2/NDF: 47.2/55

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: 653.033+/-0.147 χ^2/NDF: 10077201.2/32

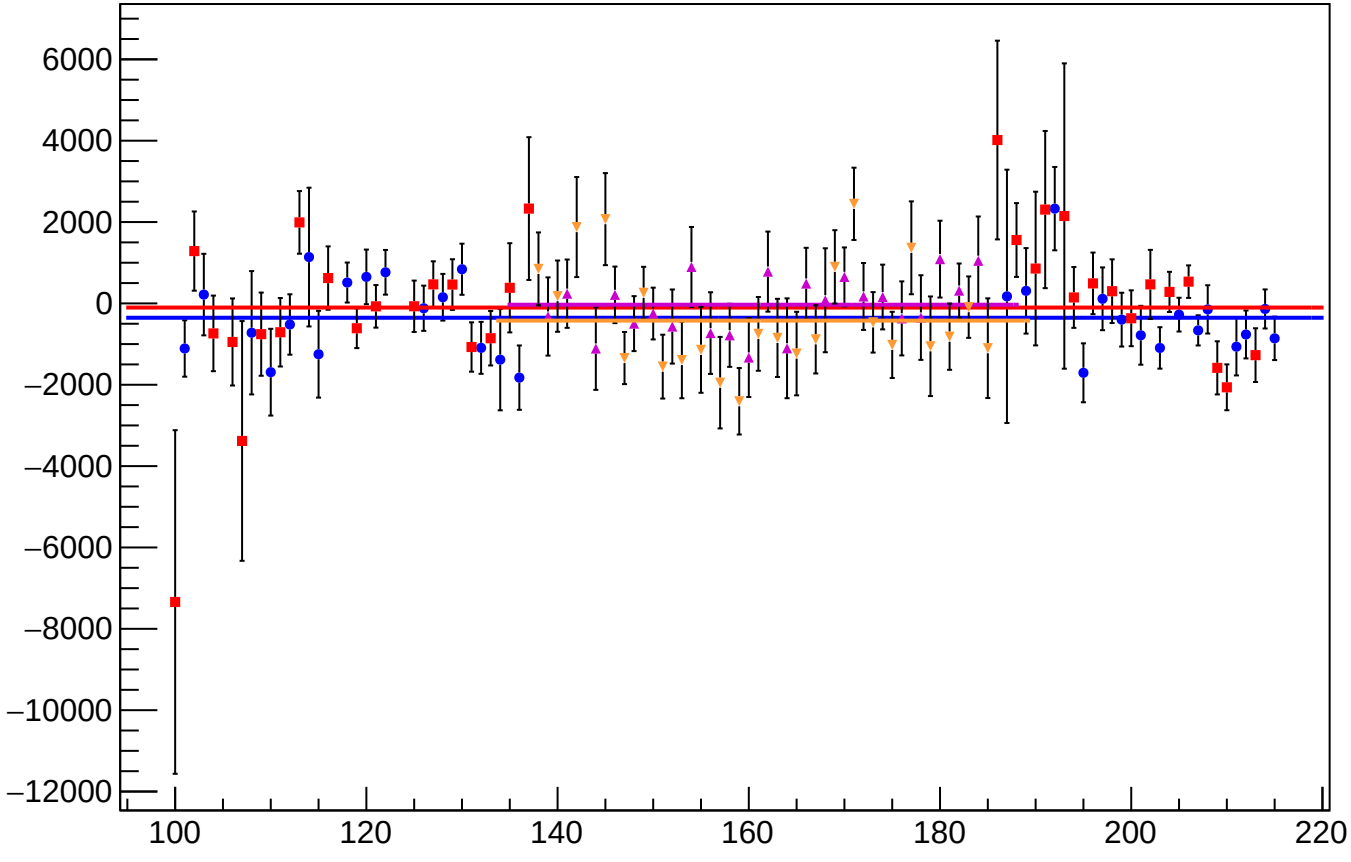
Left In: 564.383+/-0.095 χ^2/NDF:9209.5/22

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

All: 591.072+/-0.057 χ^2/NDF: 22674182.0/11

- sign 590.771+/-0.080 χ^2/NDF: 10343380.7/55

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: -102.095+/-129.210 χ^2/NDF: 58.8/32

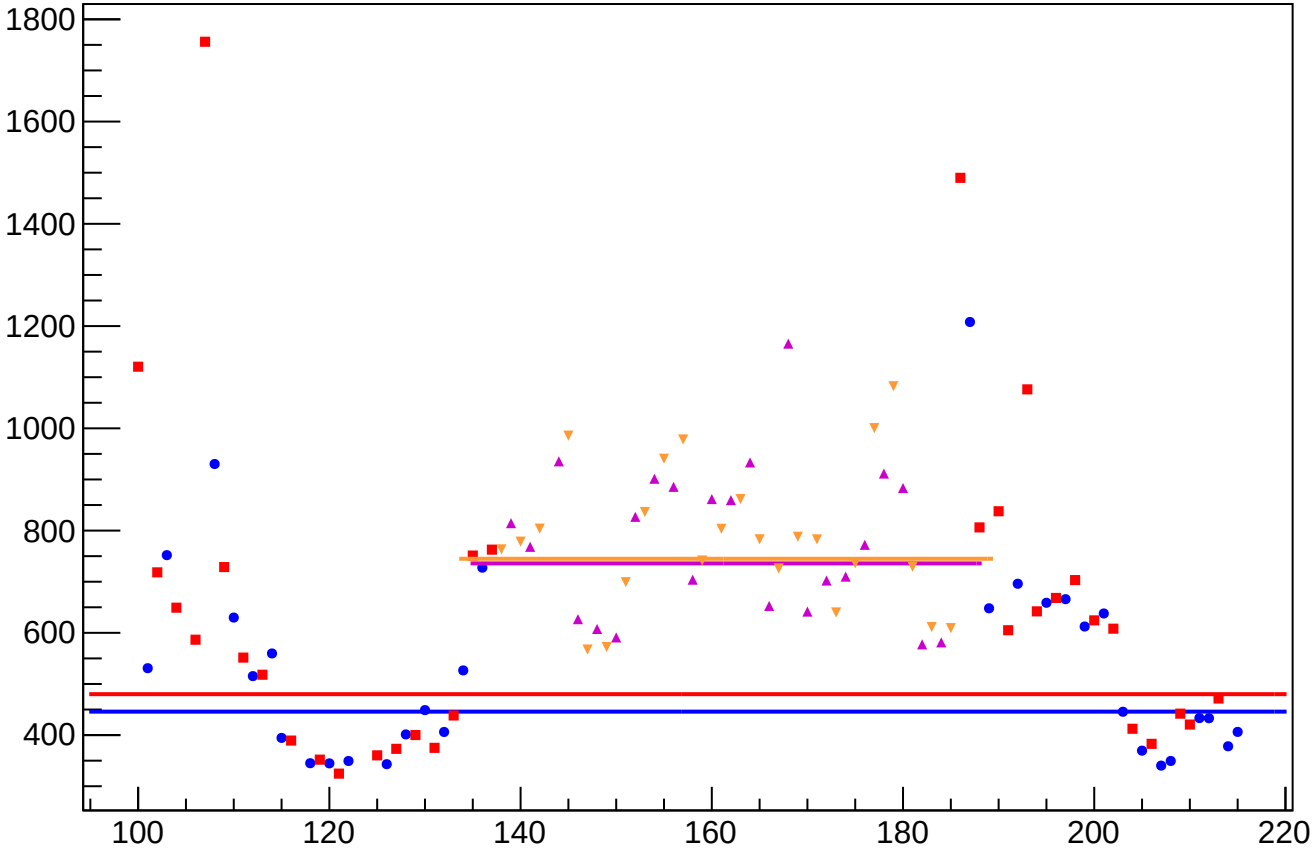
Left In: -32.411+/-179.430 χ^2/NDF:12.2/22

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

All: -235.339+/-71.712 χ^2/NDF: 159.9/110

- sign -78.299+/-104.853 χ^2/NDF: 71.1/55

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: 480.057+/-0.091 χ^2/NDF: 2952109.2/32

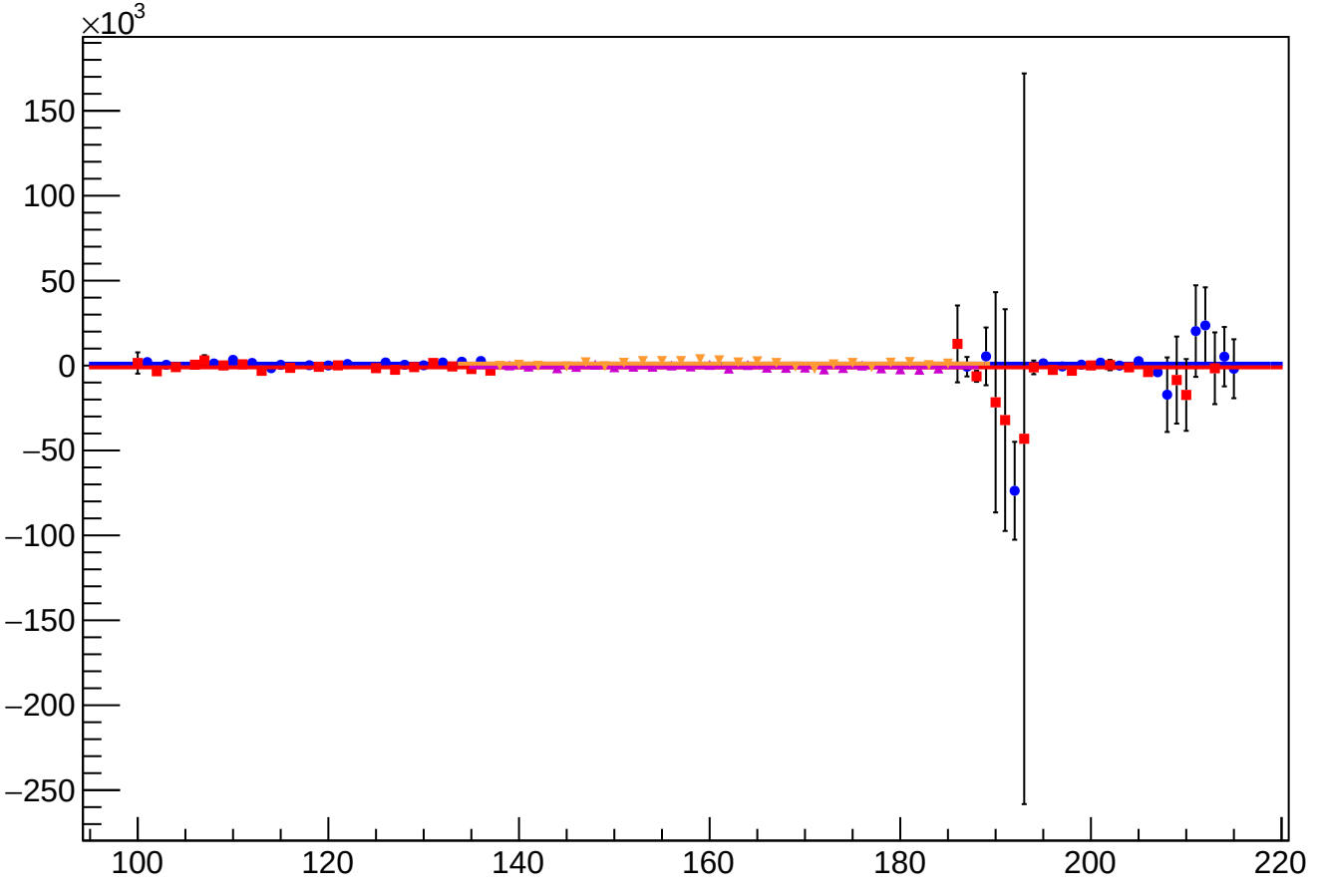
Left In: 735.850+/-0.127 χ^2/NDF:1105405.5/22

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

All: 549.873+/-0.051 χ^2/NDF: 14009784.4/11

- sign 567.406+/-0.074 χ^2/NDF: 6734110.1/55

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: -1063.009+/-280.349 χ^2/NDF: 30.4/32

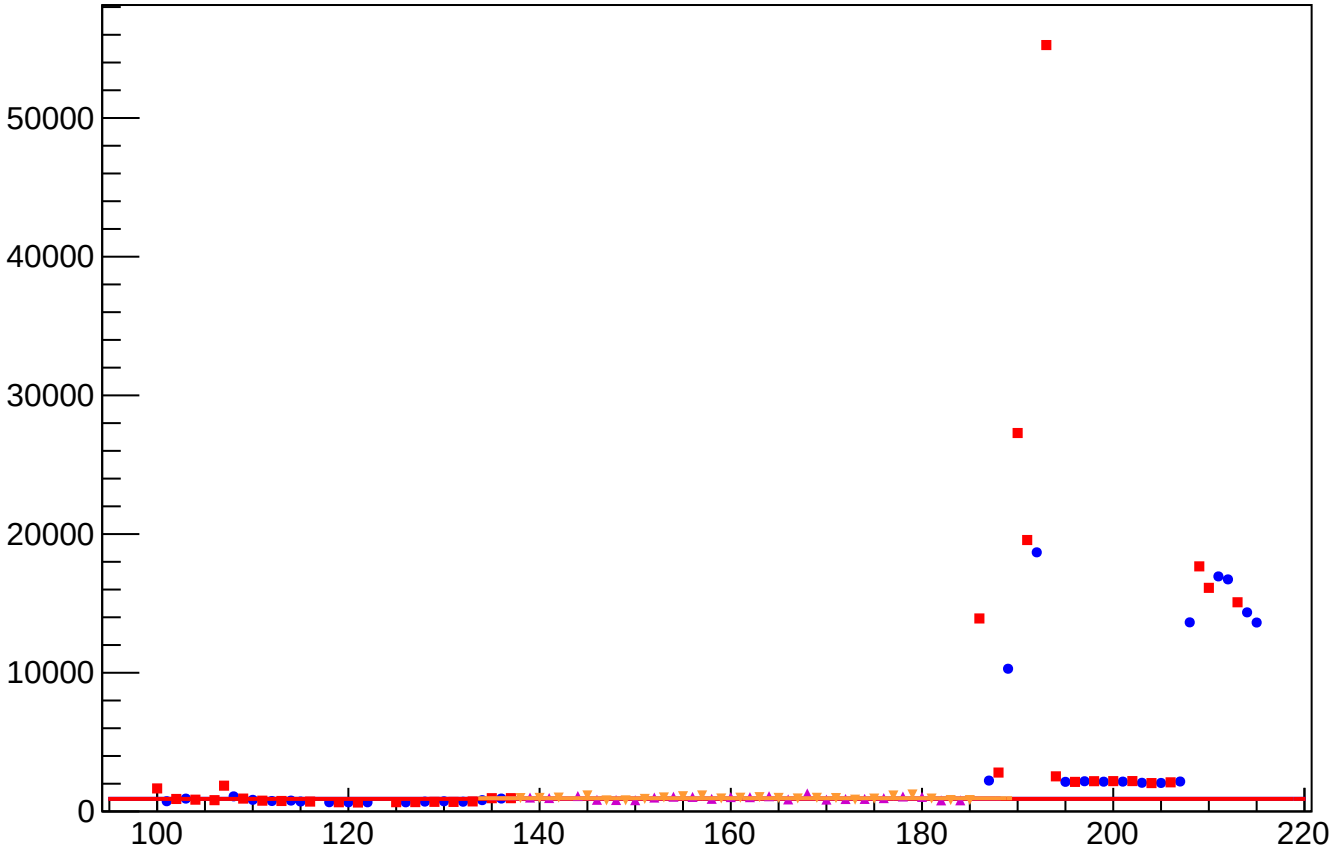
Left In: -941.702+/-228.324 χ^2/NDF:14.8/22

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

All: 63.639+/-125.284 χ^2/NDF: 182.1/110

- sign -990.077+/-177.038 χ^2/NDF: 45.3/55

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: 904.960+/-0.198 χ^2/NDF: 9140725.7/32

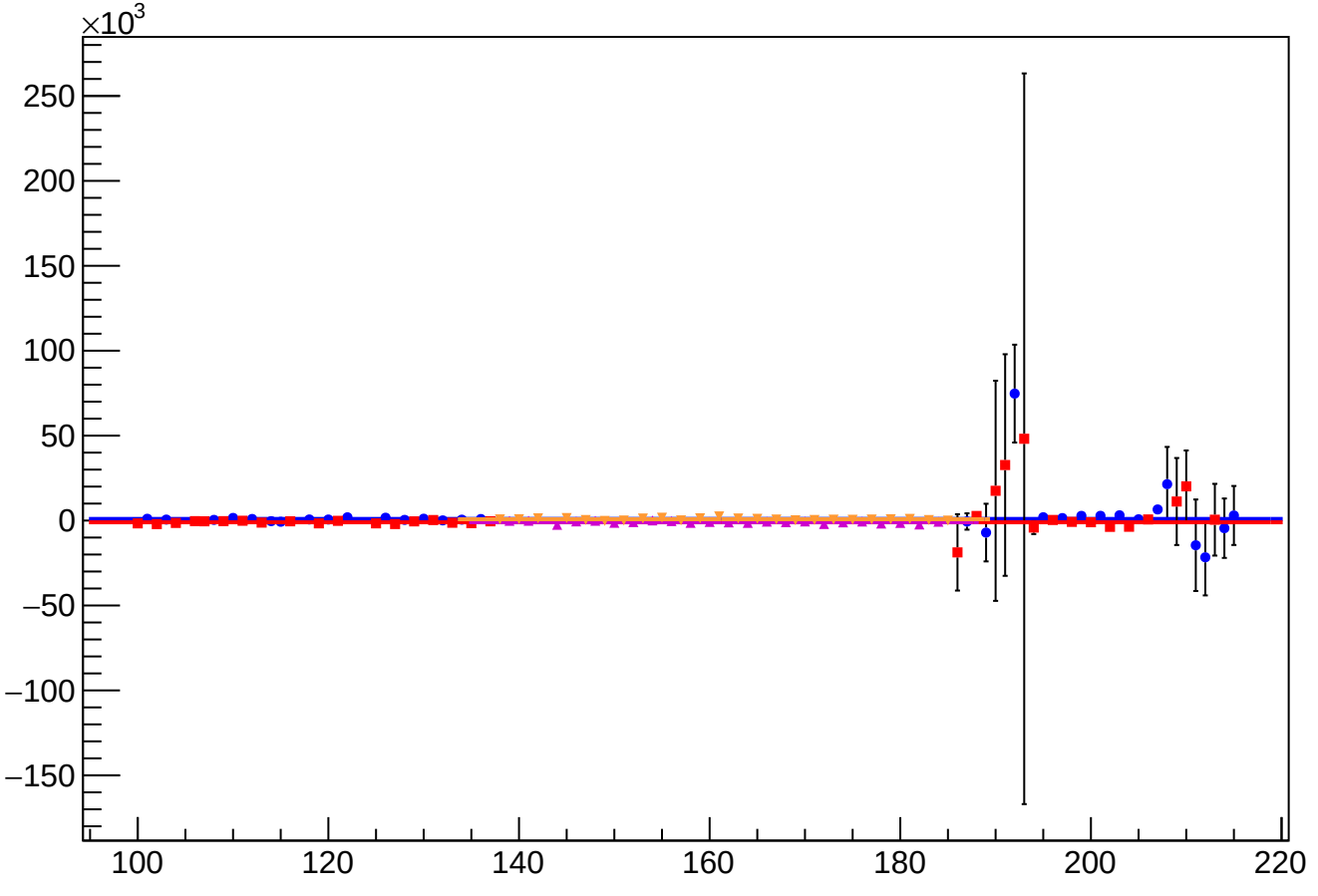
Left In: 946.573+/-0.161 χ^2/NDF:501366.9/22

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

All: 933.364+/-0.089 χ^2/NDF: 20791873.5/11

- sign 929.978+/-0.125 χ^2/NDF: 9668584.2/55

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: -1015.144+/-202.652 χ^2/NDF: 20.1/32

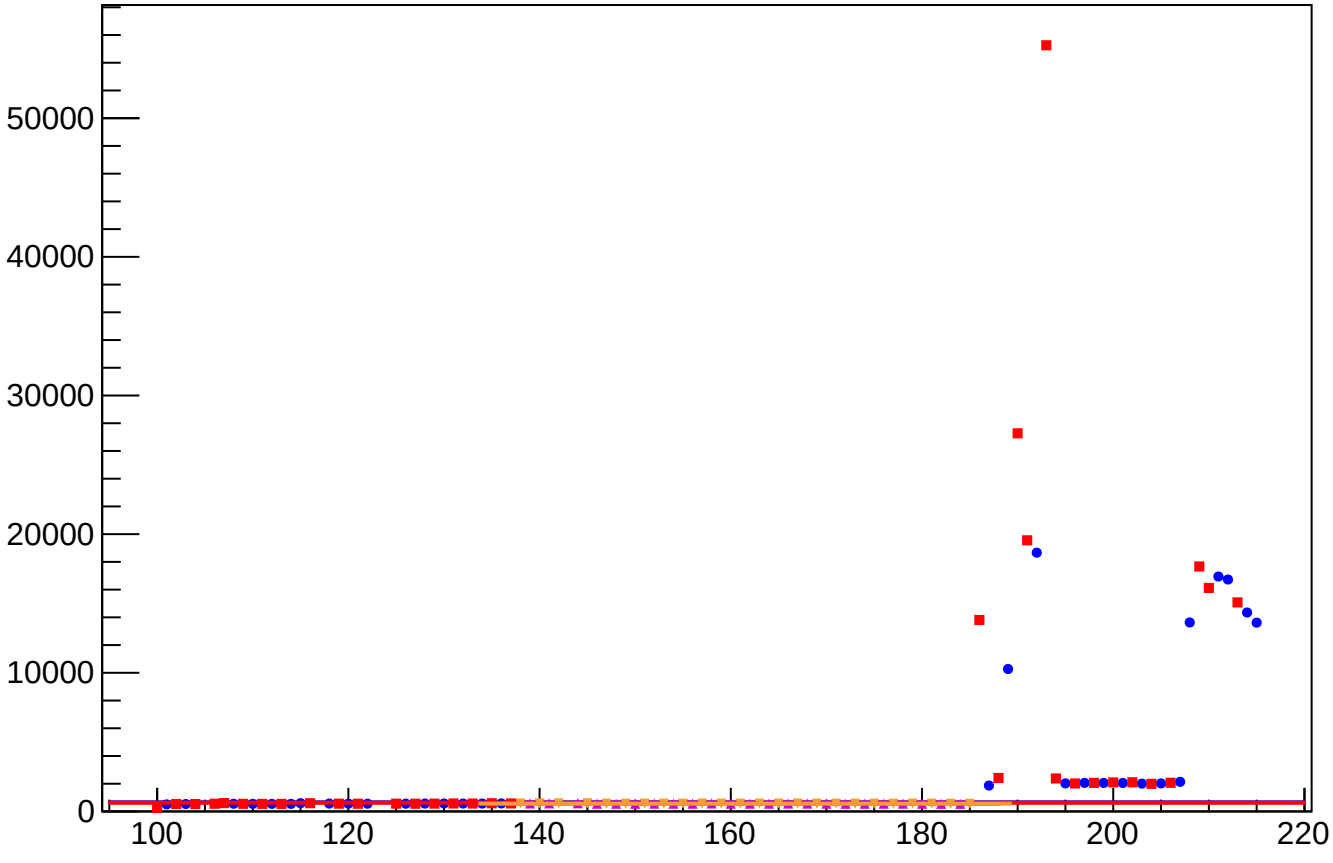
Left In: -958.517+/-134.824 χ^2/NDF:26.8/22

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

All: -85.223+/-79.595 χ^2/NDF: 219.0/110

- sign -975.891+/-112.252 χ^2/NDF: 47.0/55

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: 633.533+/-0.143 χ^2/NDF: 10386218.2/32

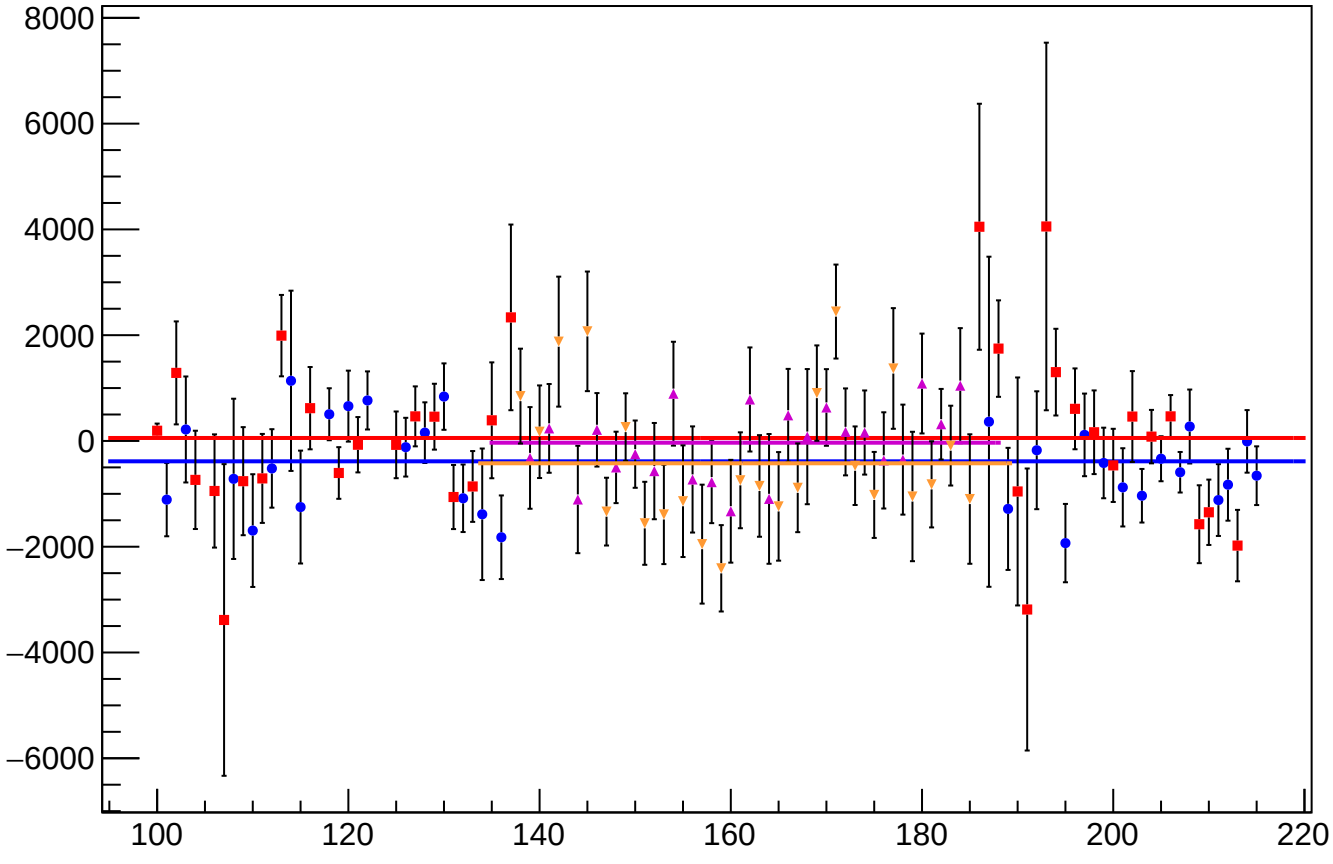
Left In: 563.934+/-0.095 χ^2/NDF:9204.6/22

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

All: 588.053+/-0.056 χ^2/NDF: 22905545.3/11

- sign 585.288+/-0.079 χ^2/NDF: 10558947.0/55

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: 56.183+/-94.165 χ^2/NDF: 57.1/32

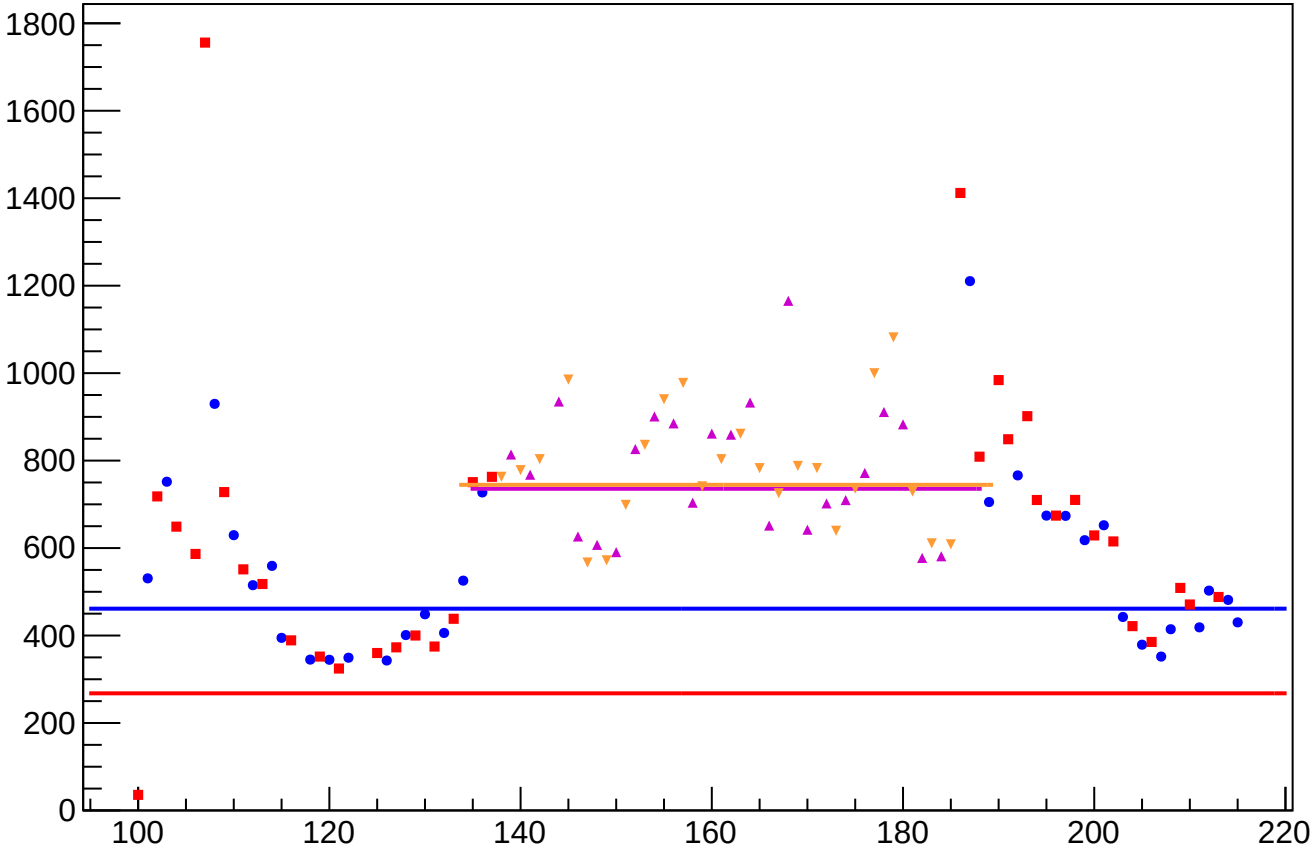
Left In: -33.325+/-179.355 χ^2/NDF:12.1/22

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

All: -140.061+/-64.140 χ^2/NDF: 159.3/110

- sign 36.842+/-83.373 χ^2/NDF: 69.4/55

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

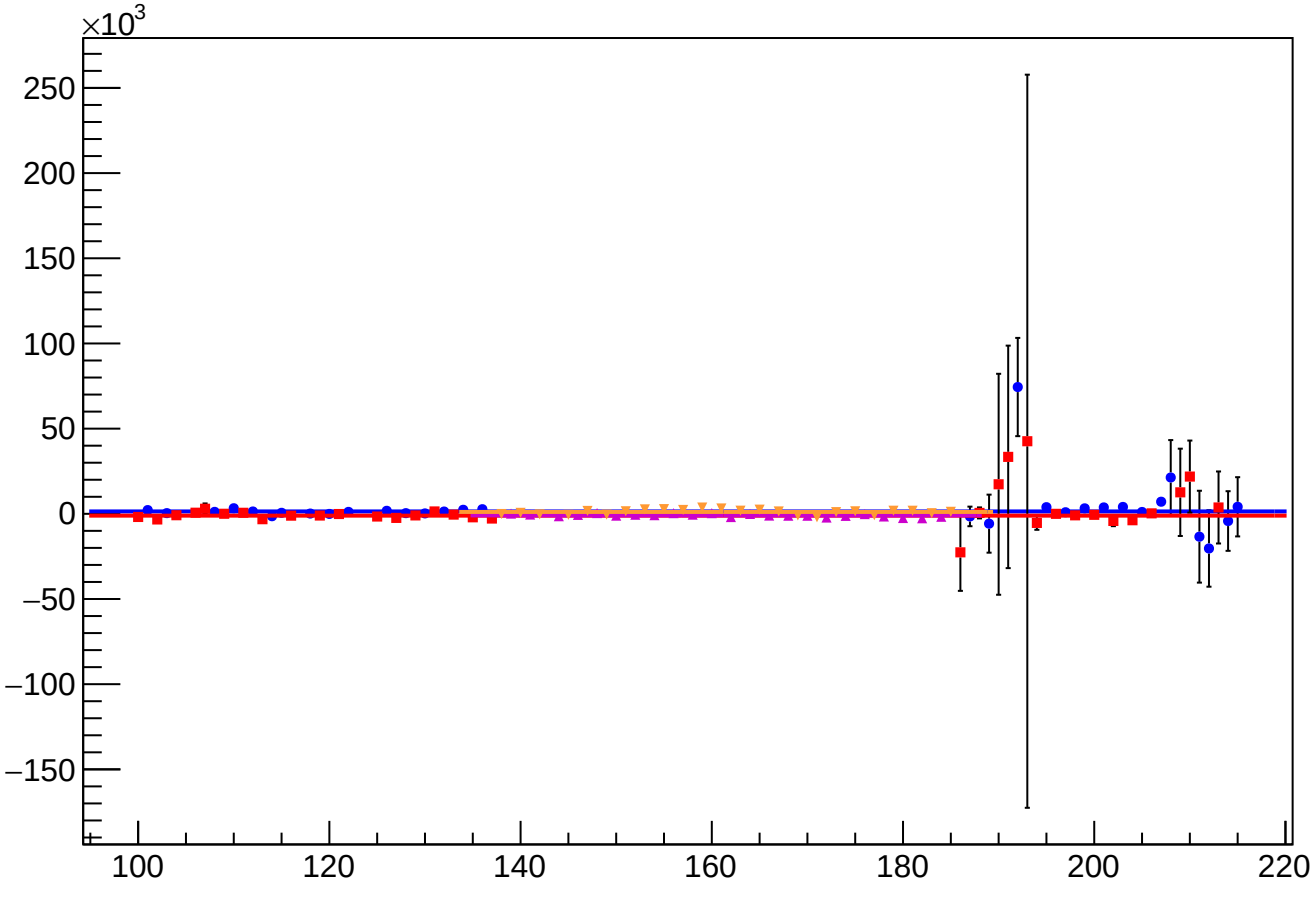
Right Out: 267.832+/-0.067 χ^2/NDF: 14497605.3/32

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

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

All: 442.399+/-0.045 χ^2/NDF: 36736600.1/11

- sign 368.897+/-0.059 χ^2/NDF: 26264527.8/55



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: -1069.537+/-269.454 χ^2/NDF: 29.5/32

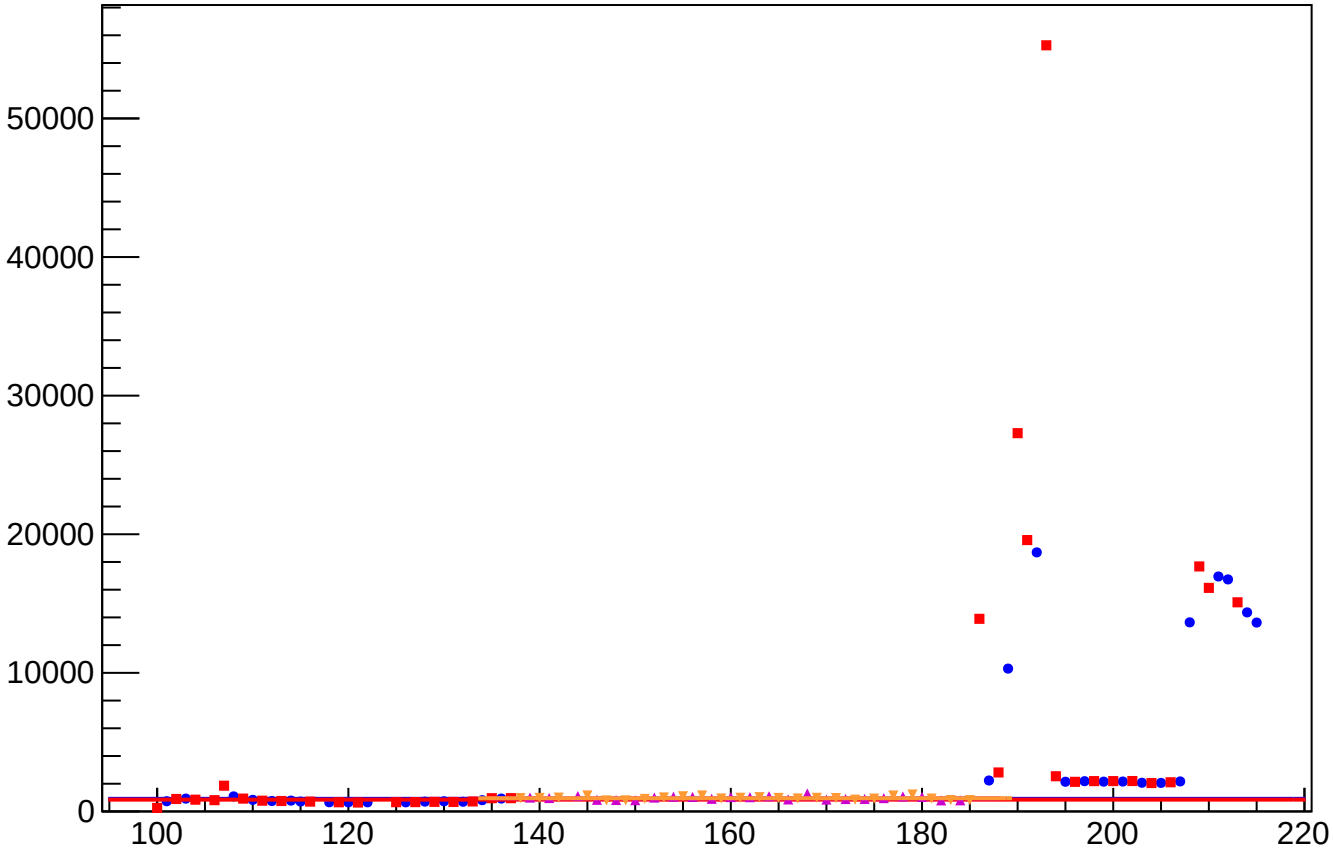
Left In: -926.281+/-228.196 χ^2/NDF:15.1/22

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

All: 100.301+/-124.214 χ^2/NDF: 194.1/110

- sign -986.113+/-174.139 χ^2/NDF: 44.8/55

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: 852.774+/-0.191 χ^2/NDF: 9950654.1/32

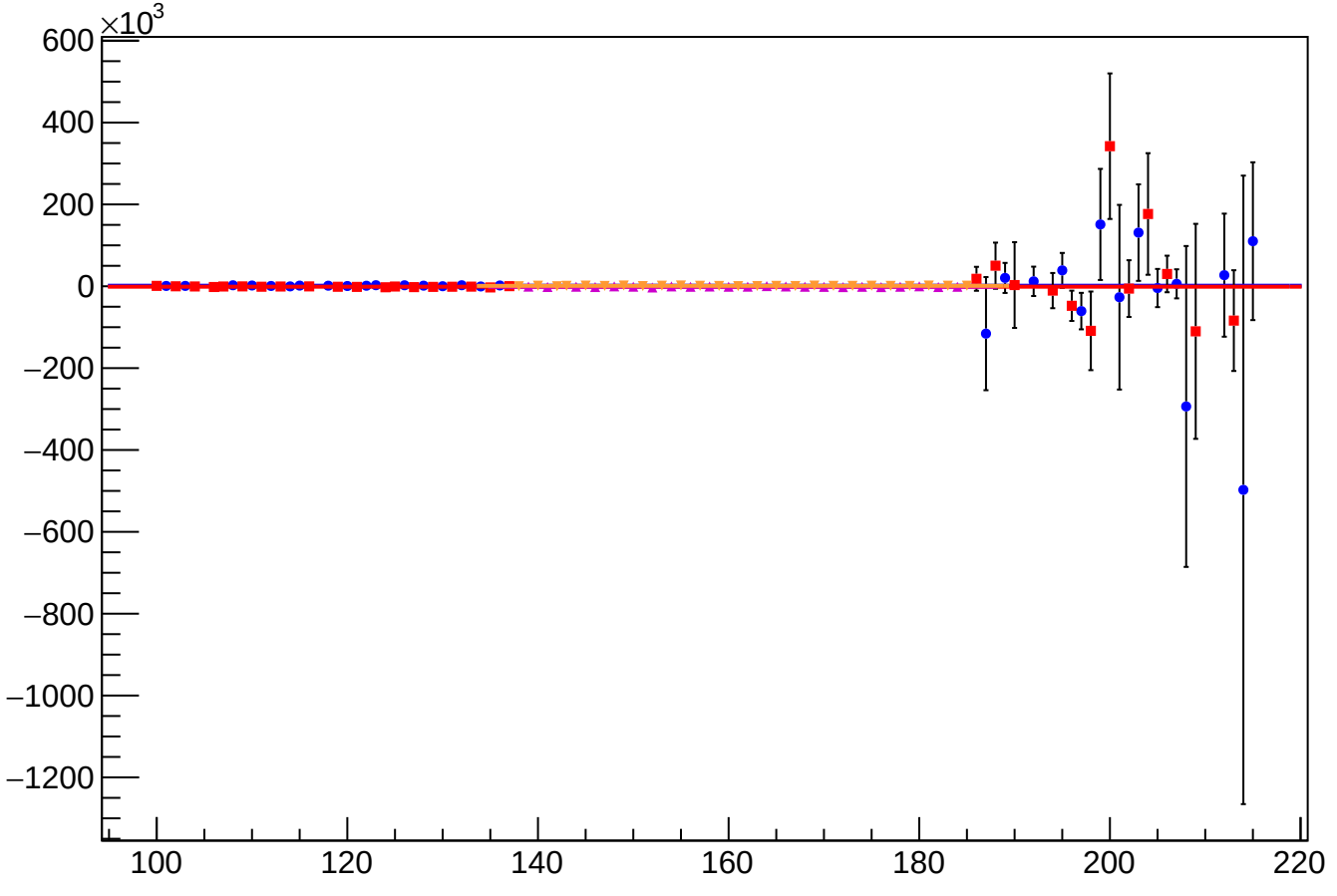
Left In: 946.041+/-0.161 χ^2/NDF:501442.7/22

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

All: 921.355+/-0.088 χ^2/NDF: 21762032.6/1

- sign 907.087+/-0.123 χ^2/NDF: 10591633.1/55

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: -1039.846+/-212.061 χ^2/NDF: 23.9/30

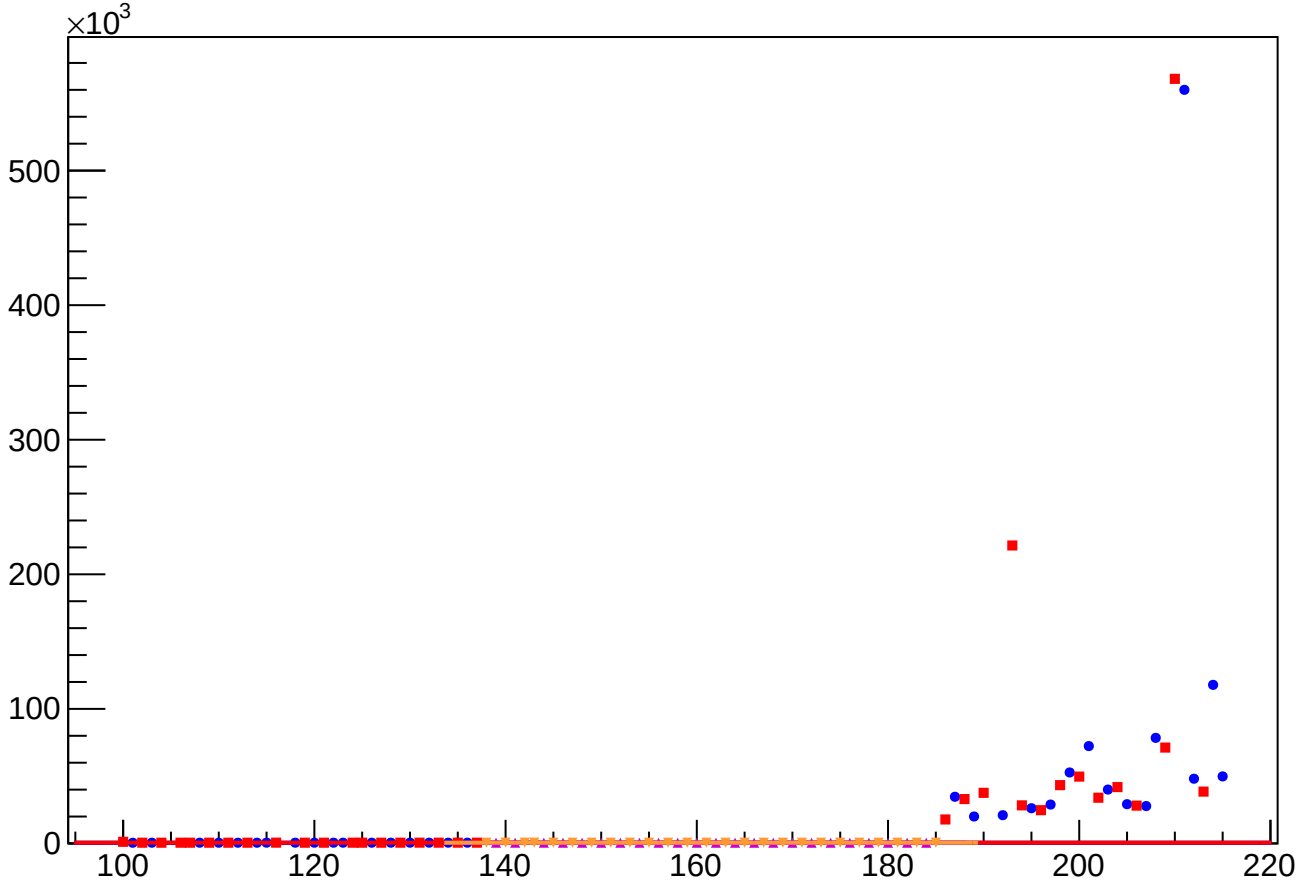
Left In: -1123.857+/-133.163 χ^2/NDF:30.0/22

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

All: 31.880+/-79.301 χ^2/NDF: 289.9/109

- sign -1100.098+/-112.773 χ^2/NDF: 54.1/53

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: 569.865+/-0.150 χ^2/NDF: 5927423.9/32

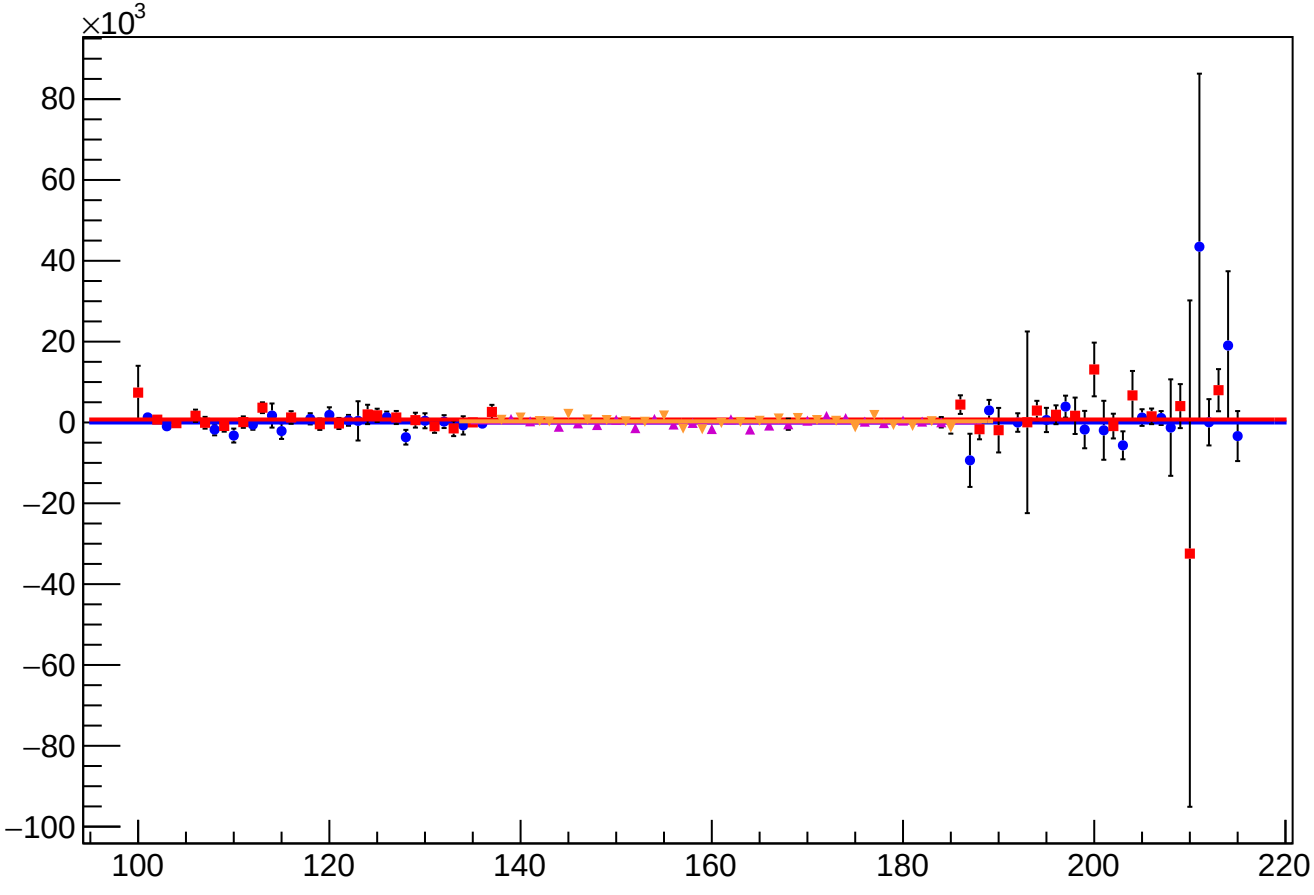
Left In: 556.969+/-0.094 χ^2/NDF:11209.7/22

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

All: 560.529+/-0.056 χ^2/NDF: 12224408.4/11

- sign 560.616+/-0.080 χ^2/NDF: 5943938.3/55

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: 739.150+/-311.558 χ^2/NDF: 27.2/32

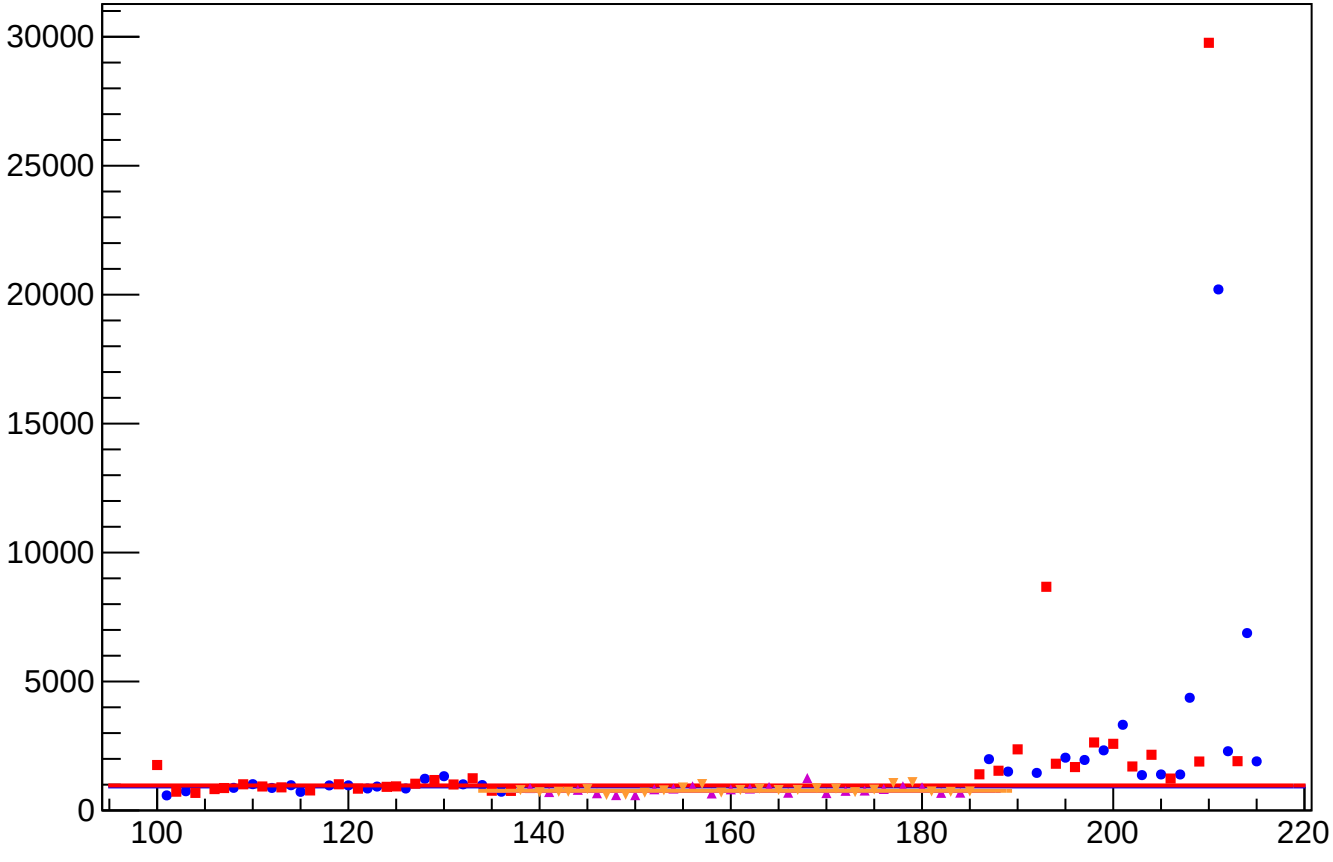
Left In: 8.211+/-183.382 χ^2/NDF:20.2/22

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

All: 201.656+/-110.813 χ^2/NDF: 107.5/112

\- sign 196.284+/-158.038 χ^2/NDF: 51.4/55

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: 969.716+/-0.220 χ^2/NDF: 2753958.6/32

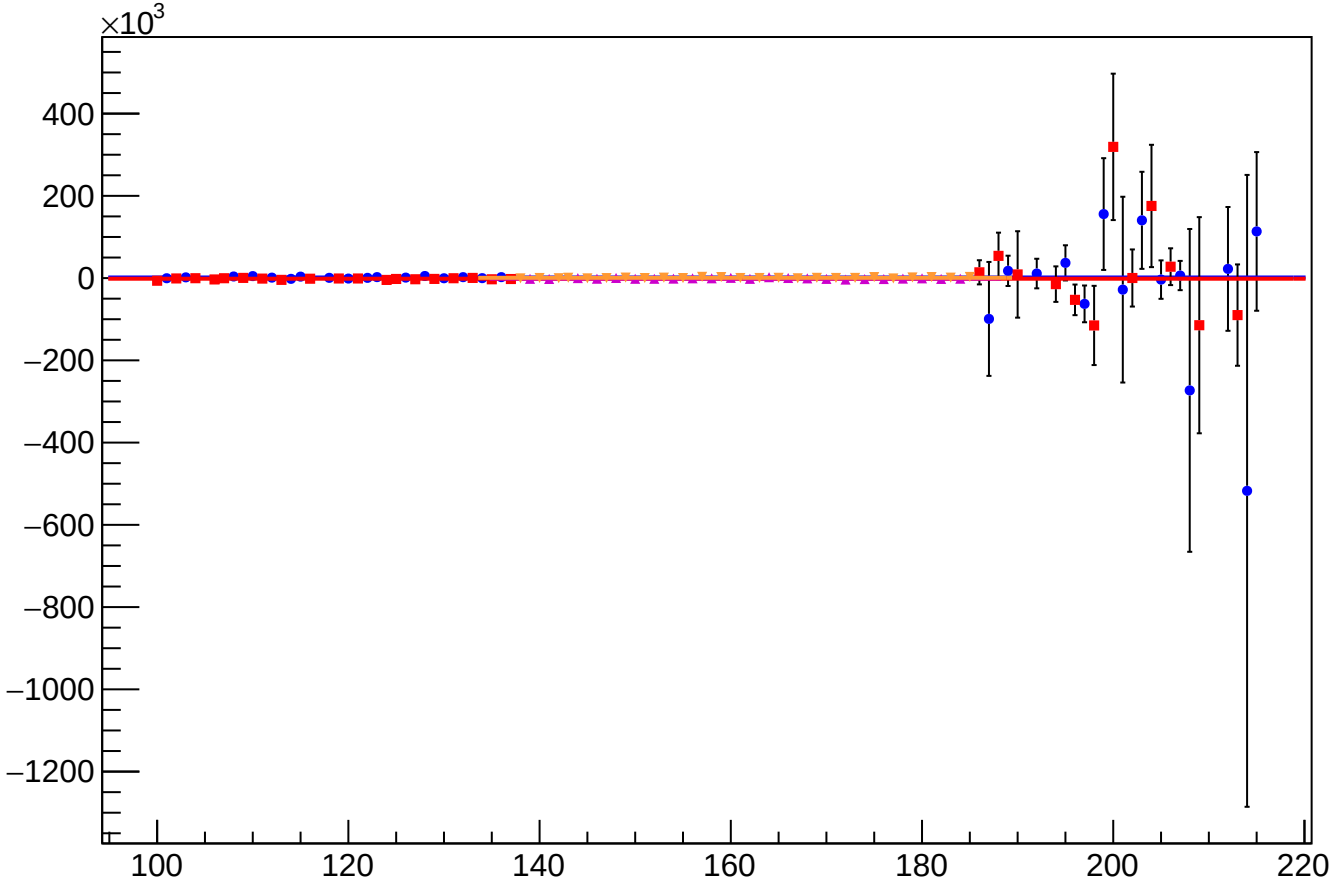
Left In: 754.099+/-0.130 χ^2/NDF:931829.3/22

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

All: 807.976+/-0.078 χ^2/NDF: 8874407.2/112

- sign 809.578+/-0.112 χ^2/NDF: 4397222.8/55

asym_right_avg_mean vs Slug



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: -1486.854+/-400.596 χ^2/NDF: 22.5/30

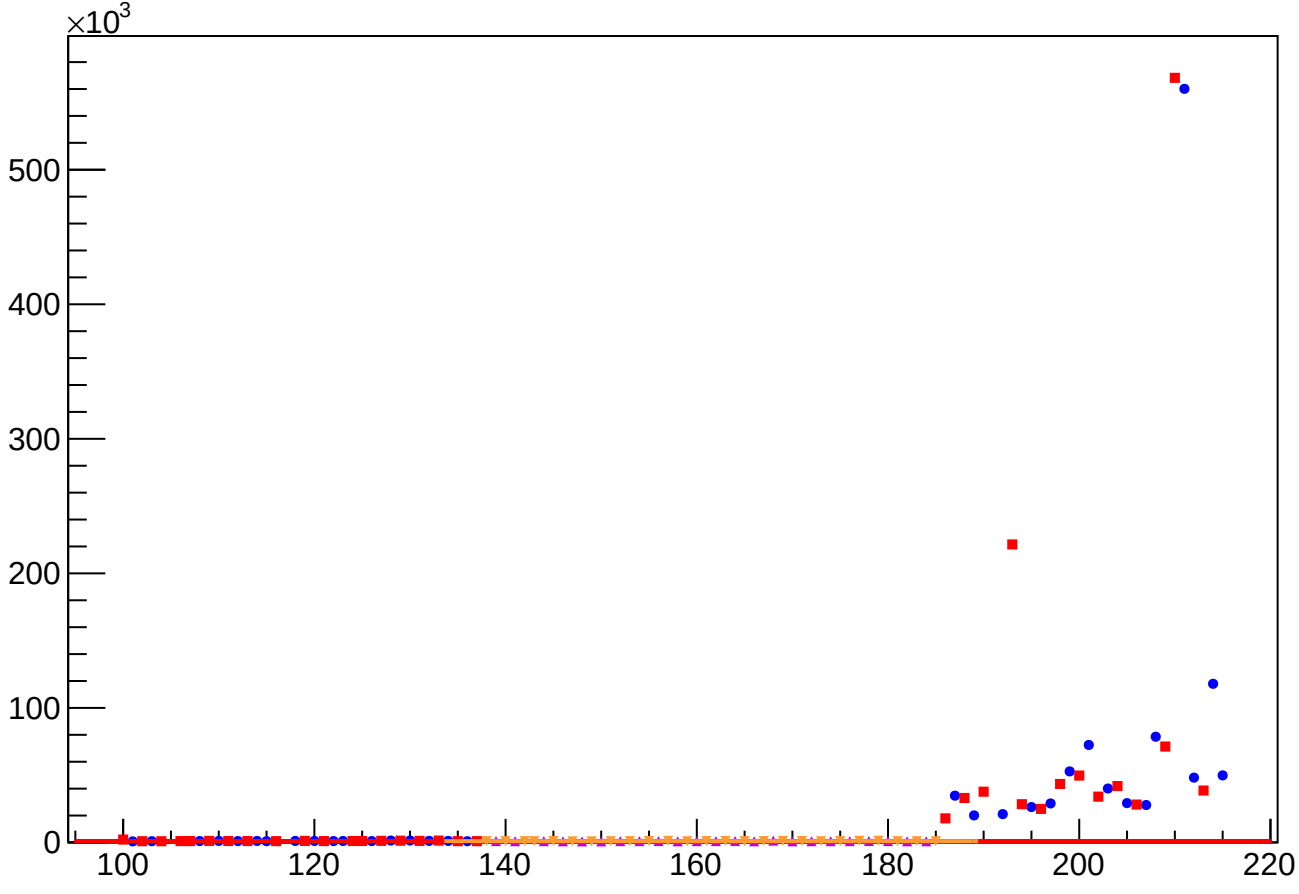
Left In: -1124.587+/-230.065 χ^2/NDF:25.4/22

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

All: -131.573+/-140.089 χ^2/NDF: 155.5/109

- sign -1214.438+/-199.505 χ^2/NDF: 48.4/53

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: 1073.748+/-0.283 χ^2/NDF: 5918578.3/32

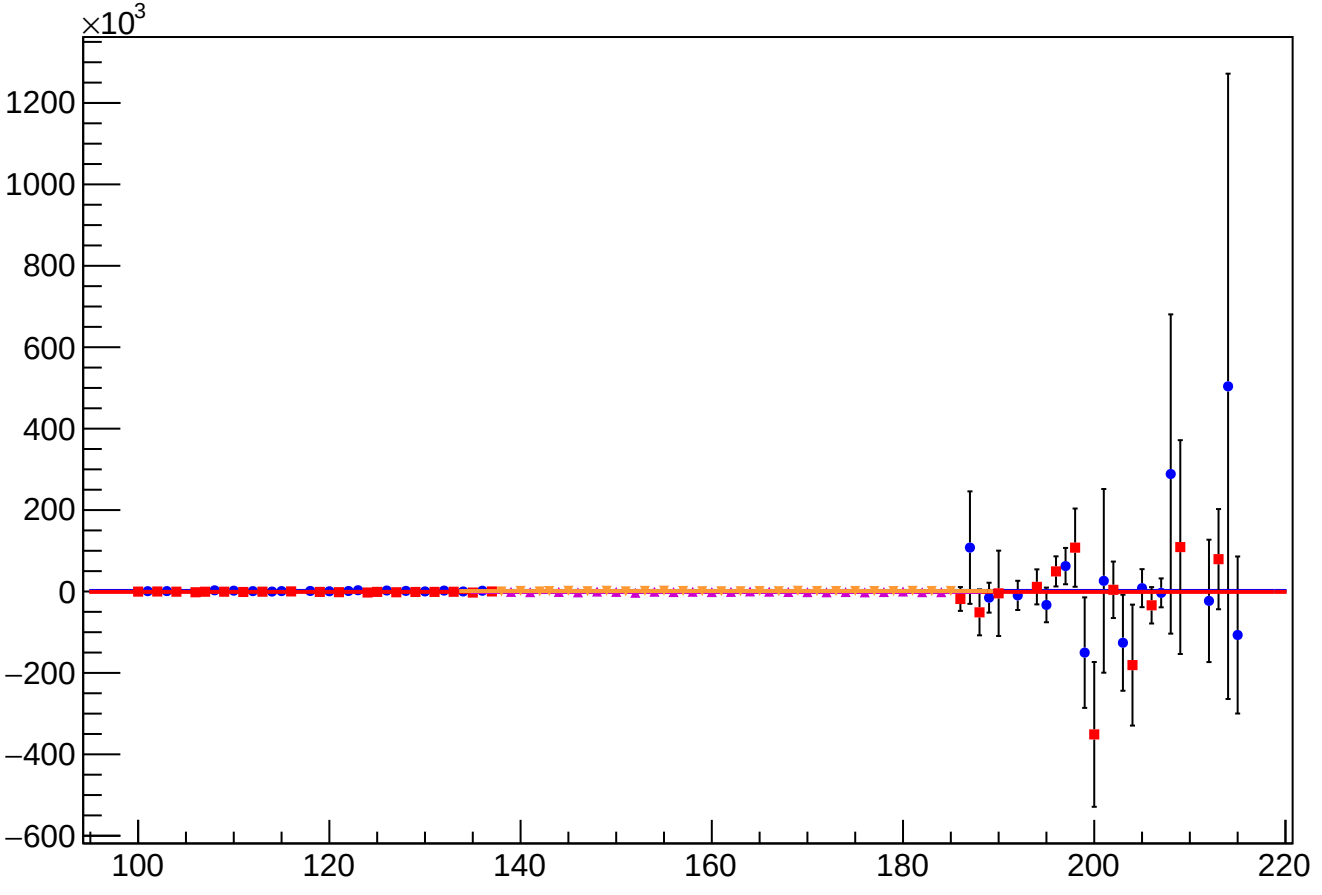
Left In: 954.643+/-0.163 χ^2/NDF:443395.0/22

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

All: 982.394+/-0.099 χ^2/NDF: 13304262.3/11

- sign 984.184+/-0.141 χ^2/NDF: 6494921.8/55

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: -965.830+/-208.597 χ^2/NDF: 23.1/30

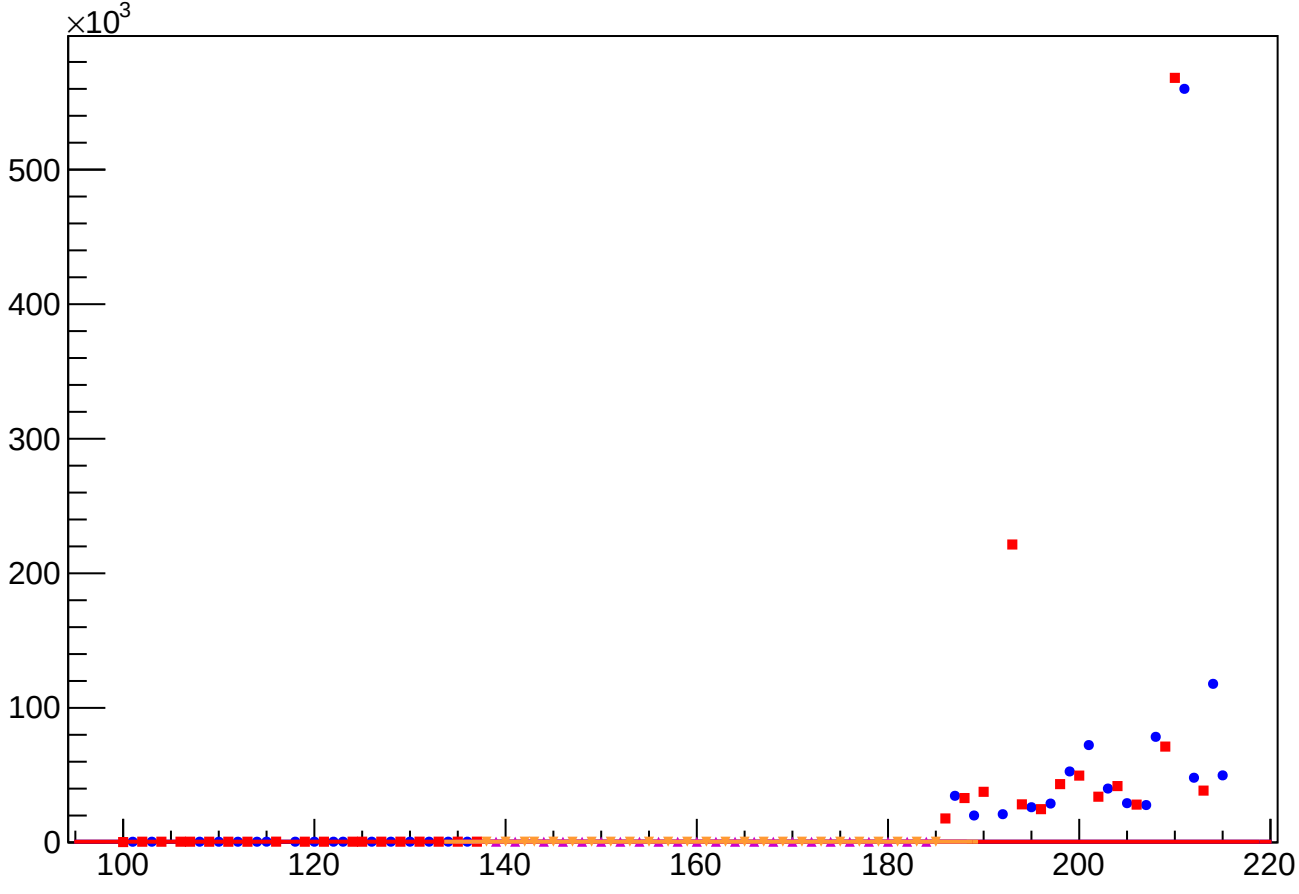
Left In: -1189.481+/-133.313 χ^2/NDF:32.2/22

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

All: 21.832+/-79.189 χ^2/NDF: 298.2/109

- sign -1124.623+/-112.332 χ^2/NDF: 56.0/53

reg_asym_right_dd_rms vs Slug



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: 558.854+/-0.147 χ^2/NDF: 6015251.6/32

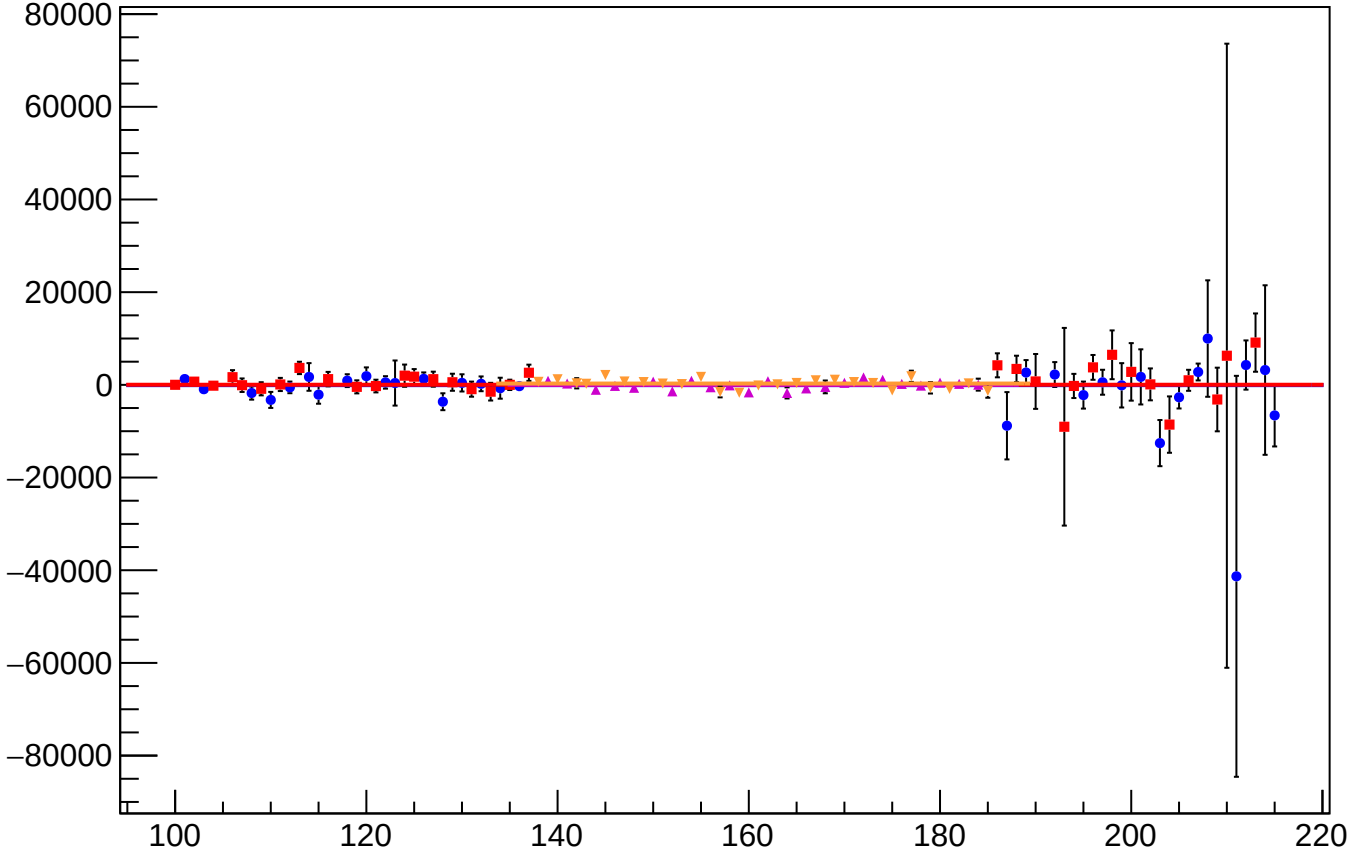
Left In: 557.597+/-0.094 χ^2/NDF:11276.8/22

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

All: 559.507+/-0.056 χ^2/NDF: 12308106.9/11

- sign 557.961+/-0.079 χ^2/NDF: 6026580.0/55

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: 23.054+/-38.925 χ^2/NDF: 28.3/32

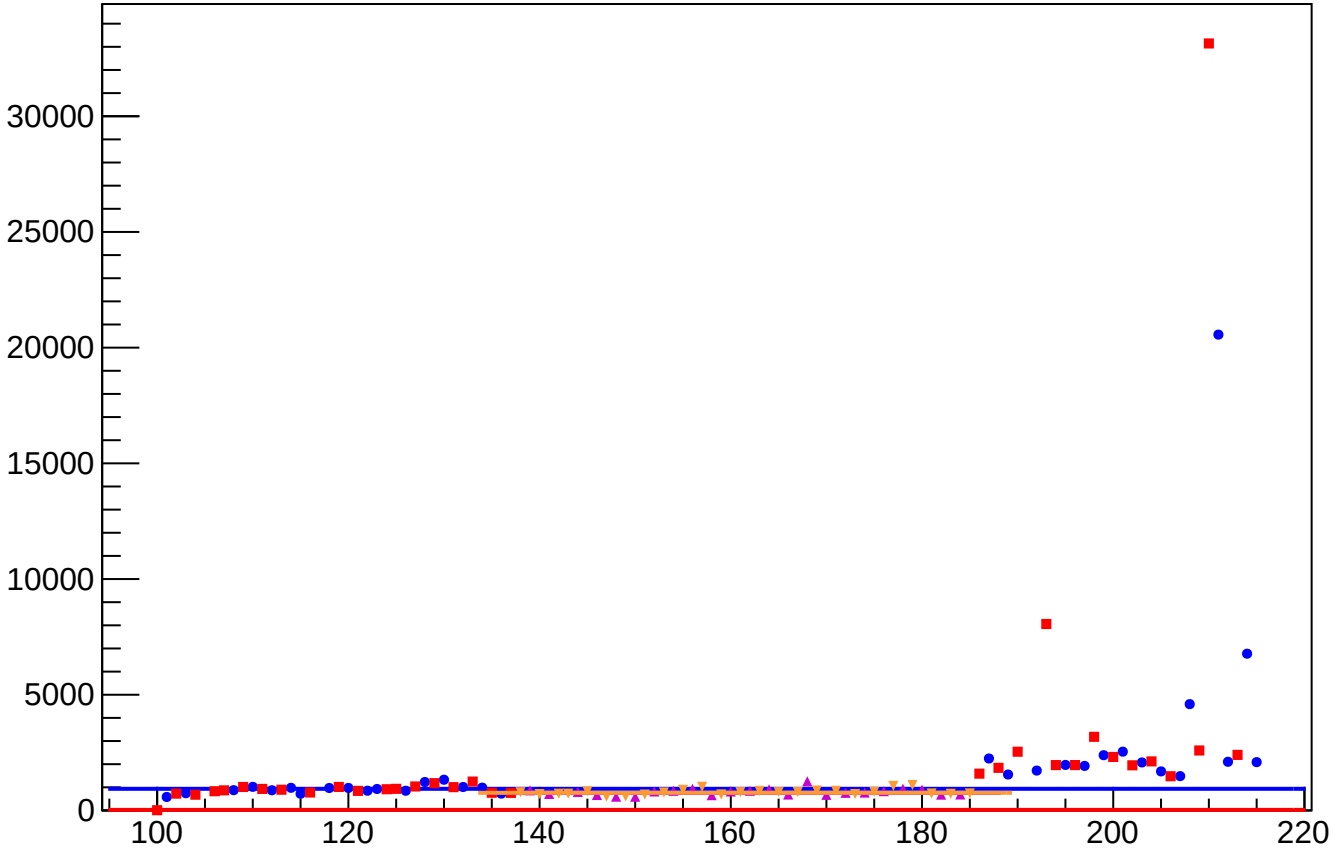
Left In: 7.306+/-183.473 χ^2/NDF:20.1/22

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

All: 32.050+/-36.990 χ^2/NDF: 111.4/112

- sign 22.376+/-38.078 χ^2/NDF: 48.4/55

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: 24.653+/-0.028 χ^2/NDF: 21598743.9/32

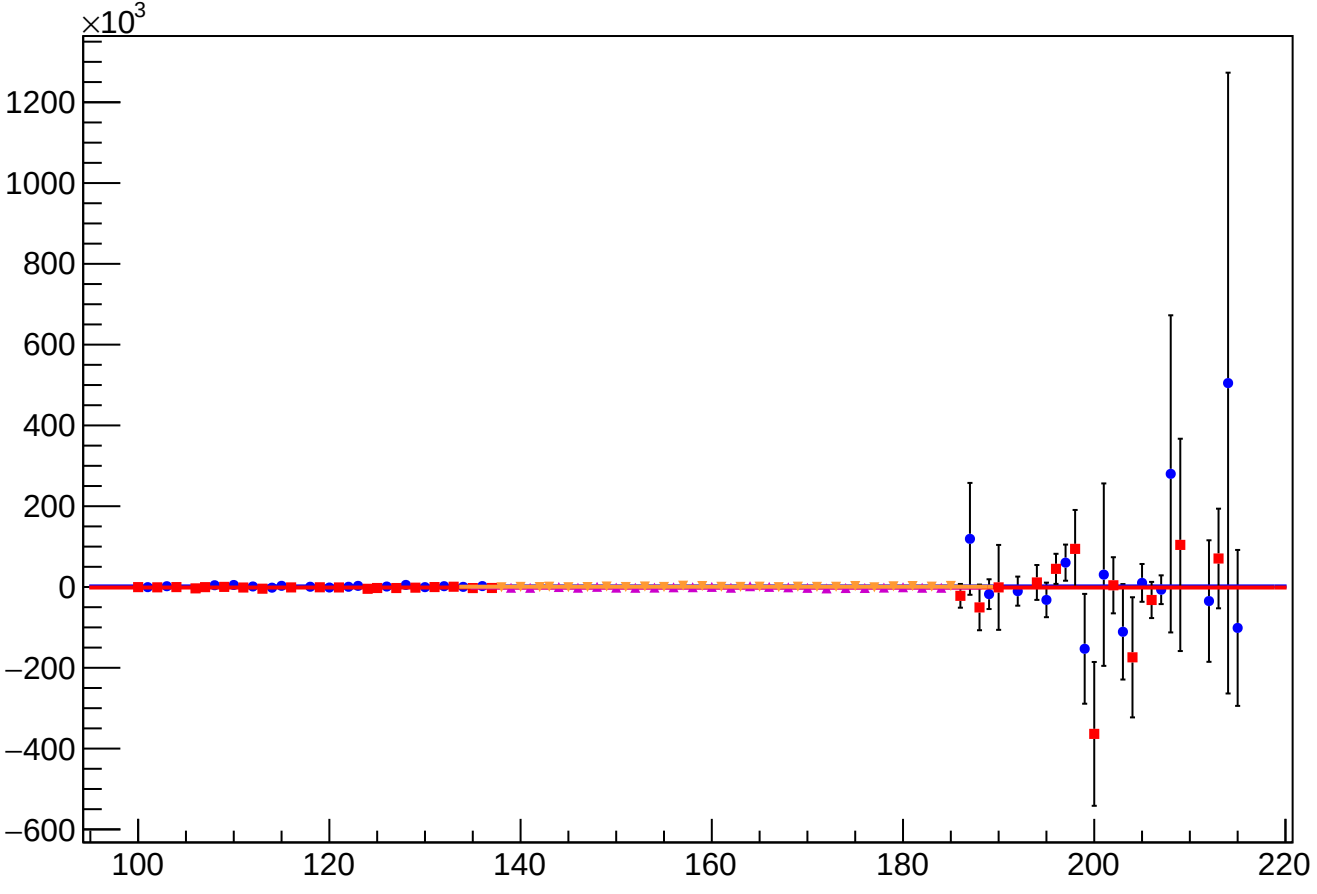
Left In: 754.483+/-0.130 χ^2/NDF:931536.8/22

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

All: 98.409+/-0.026 χ^2/NDF: 101345592.1/11

- sign 56.089+/-0.027 χ^2/NDF: 52813847.2/55

asym_right_dd_mean vs Slug



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

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

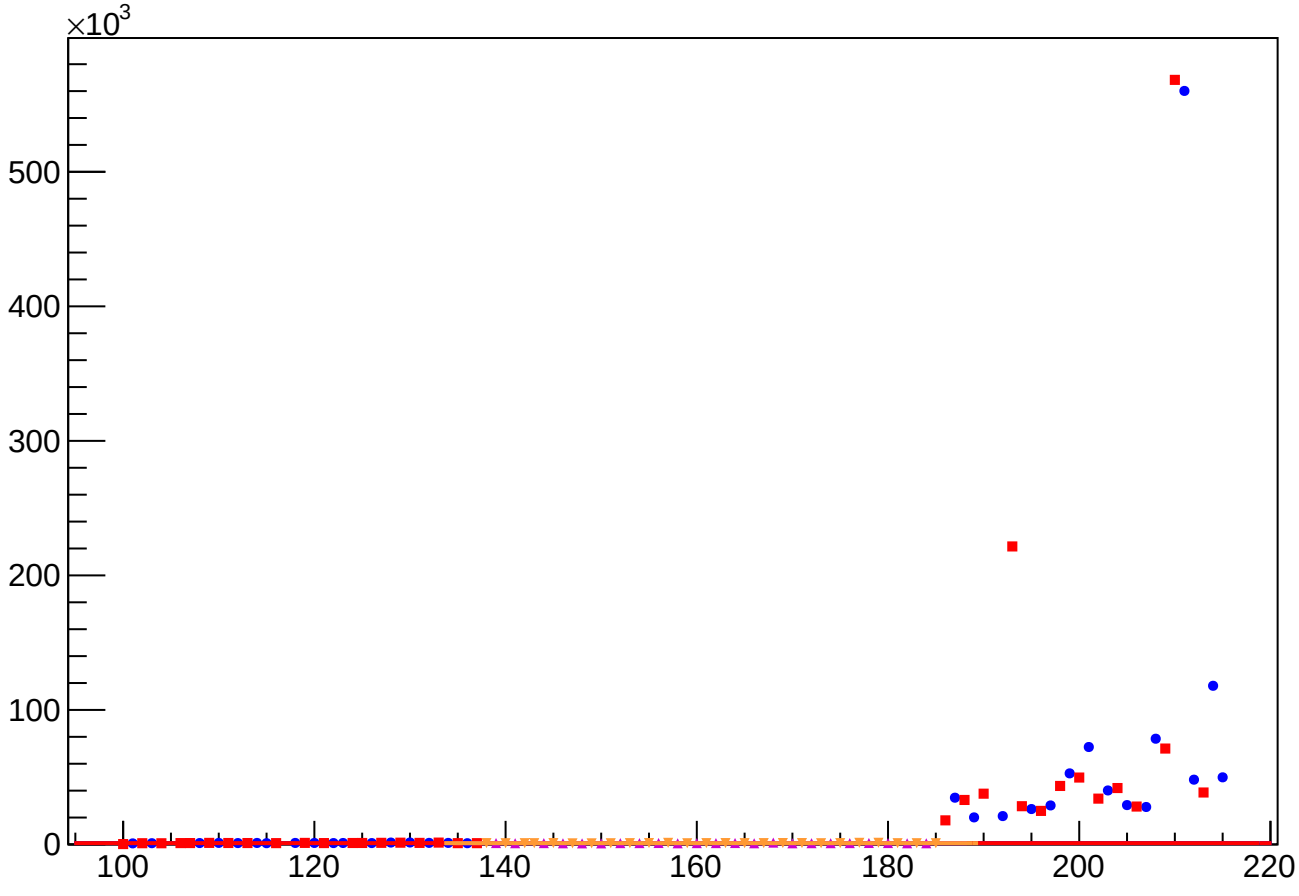
Right Out: -1289.809+/-376.578 χ^2/NDF: 22.7/30

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

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

All: -142.273+/-139.049 χ^2/NDF: 153.8/109

- sign -1207.175+/-196.427 χ^2/NDF: 47.0/53



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: 978.198+/-0.266 χ^2/NDF: 6792392.1/32

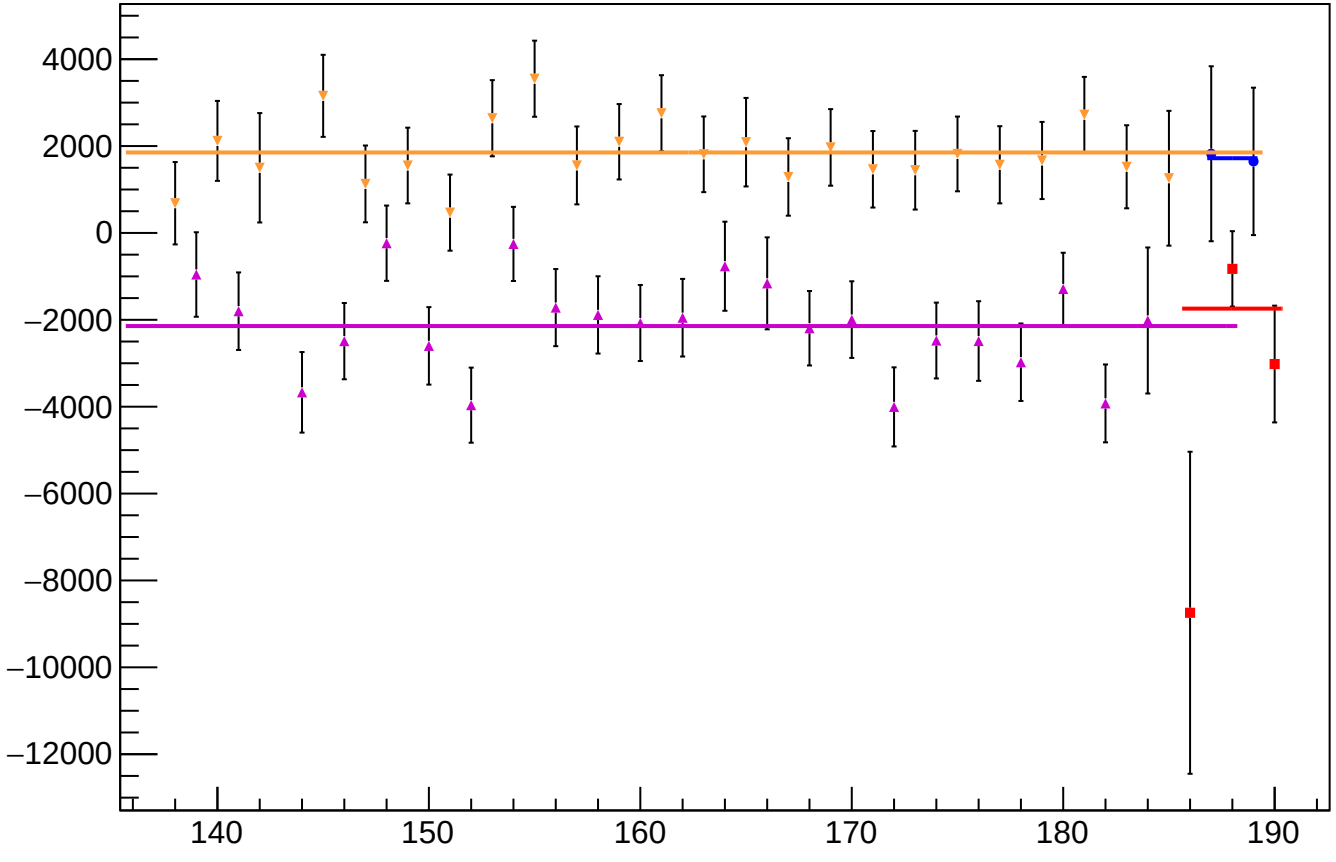
Left In: 955.331+/-0.163 χ^2/NDF:443068.5/22

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

All: 971.348+/-0.098 χ^2/NDF: 14060448.7/11

- sign 961.552+/-0.139 χ^2/NDF: 7240828.9/55

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

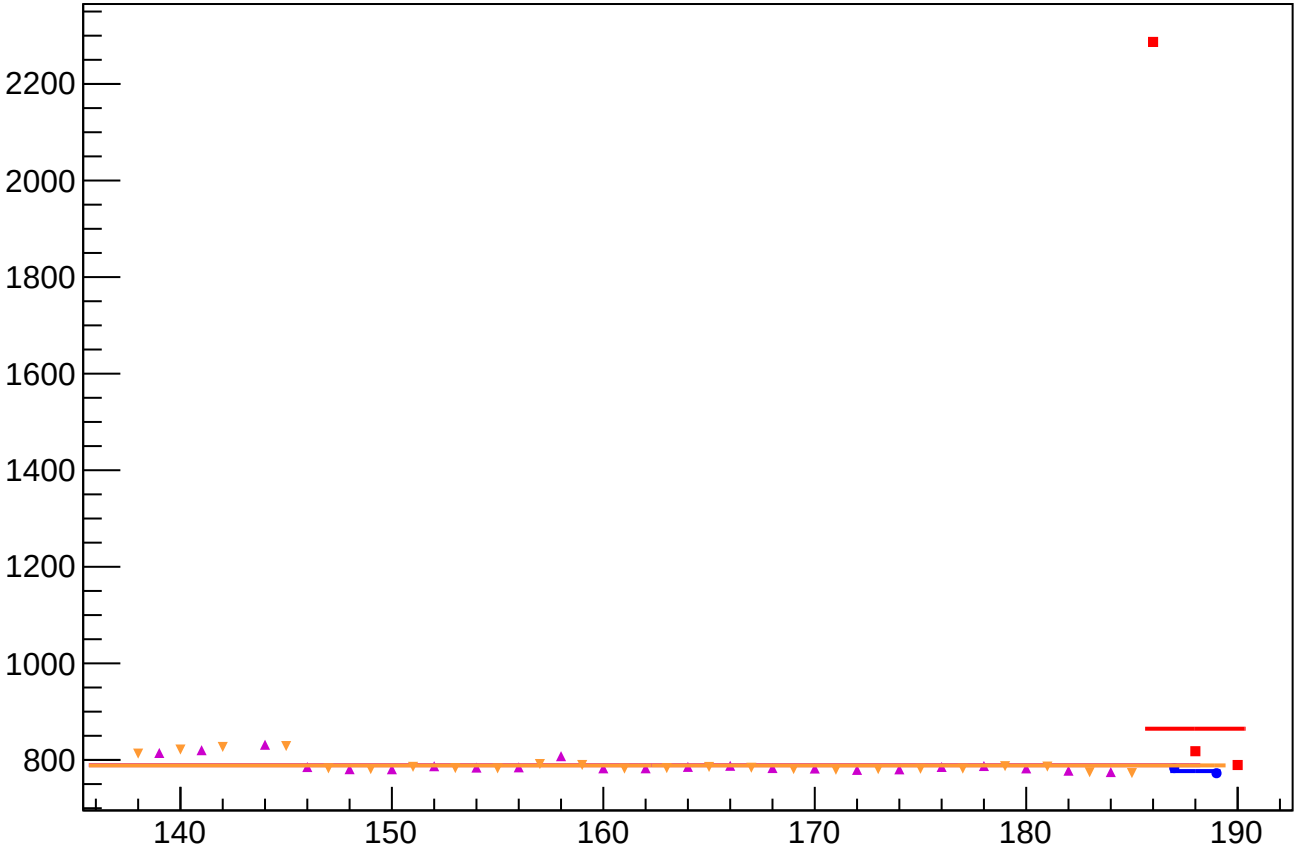
Left In: -2143.254+/-190.144 χ^2/NDF:32.4/22

+ 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

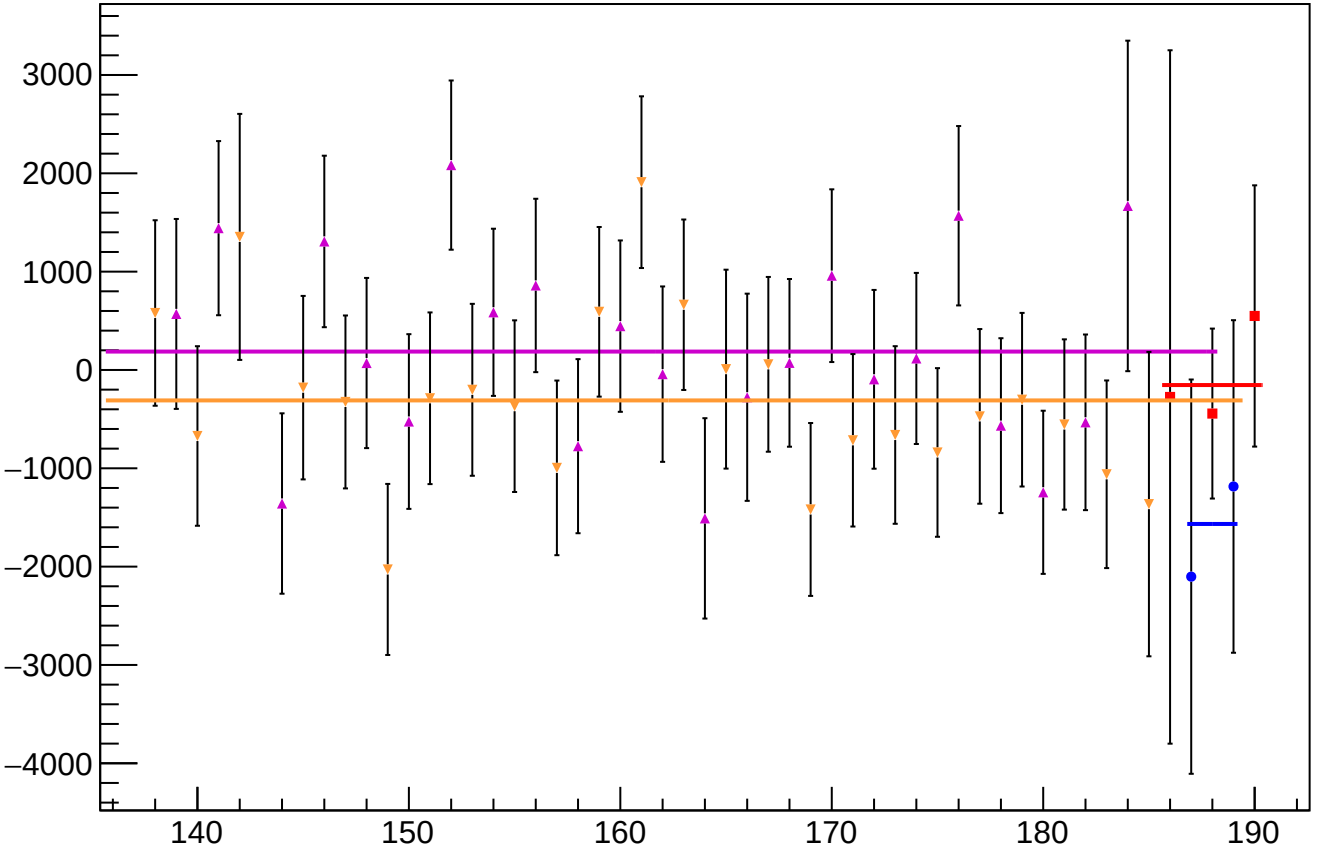
Left In: 789.176+/-0.134 χ^2/NDF:10860.4/22

+ 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

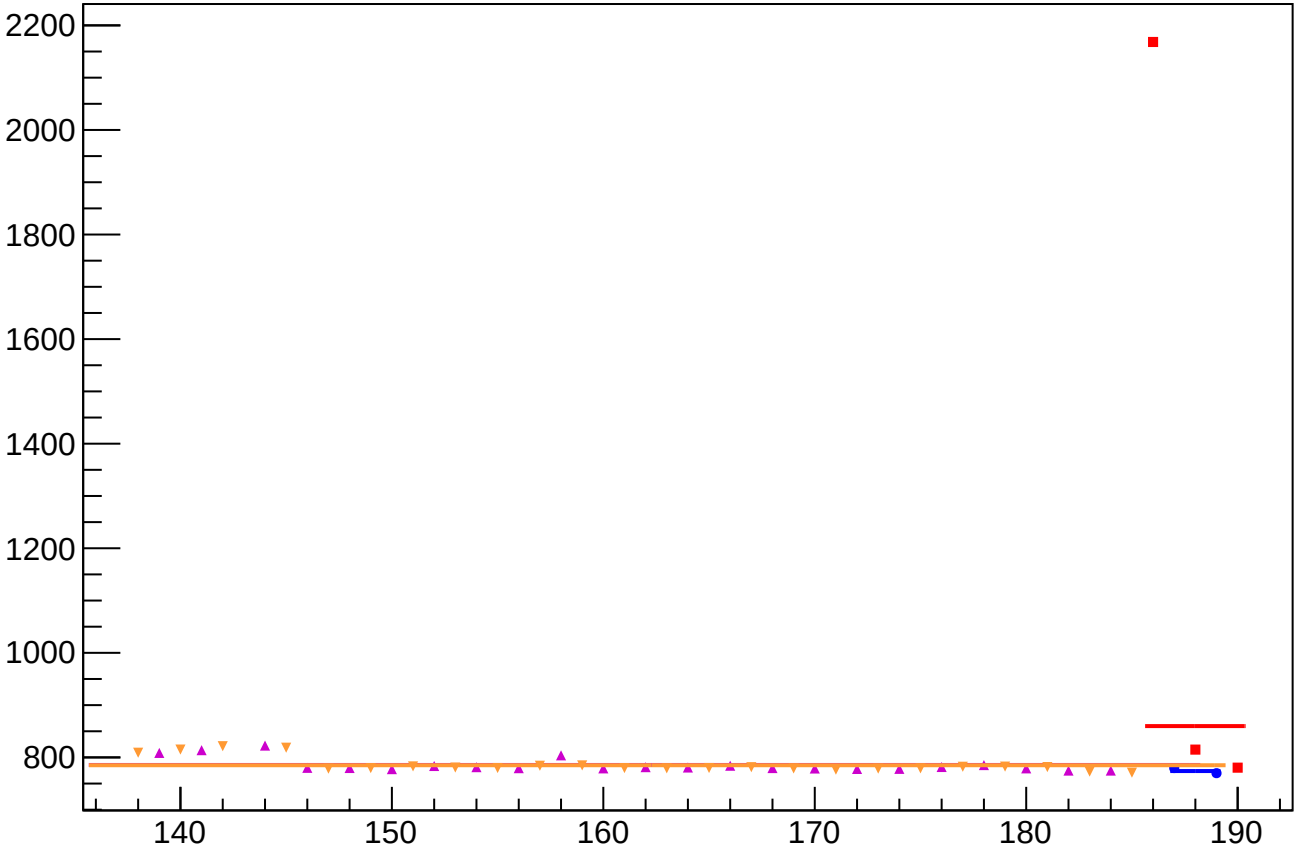
Left In: 187.105+/-189.265 χ^2/NDF:25.6/22

+ 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

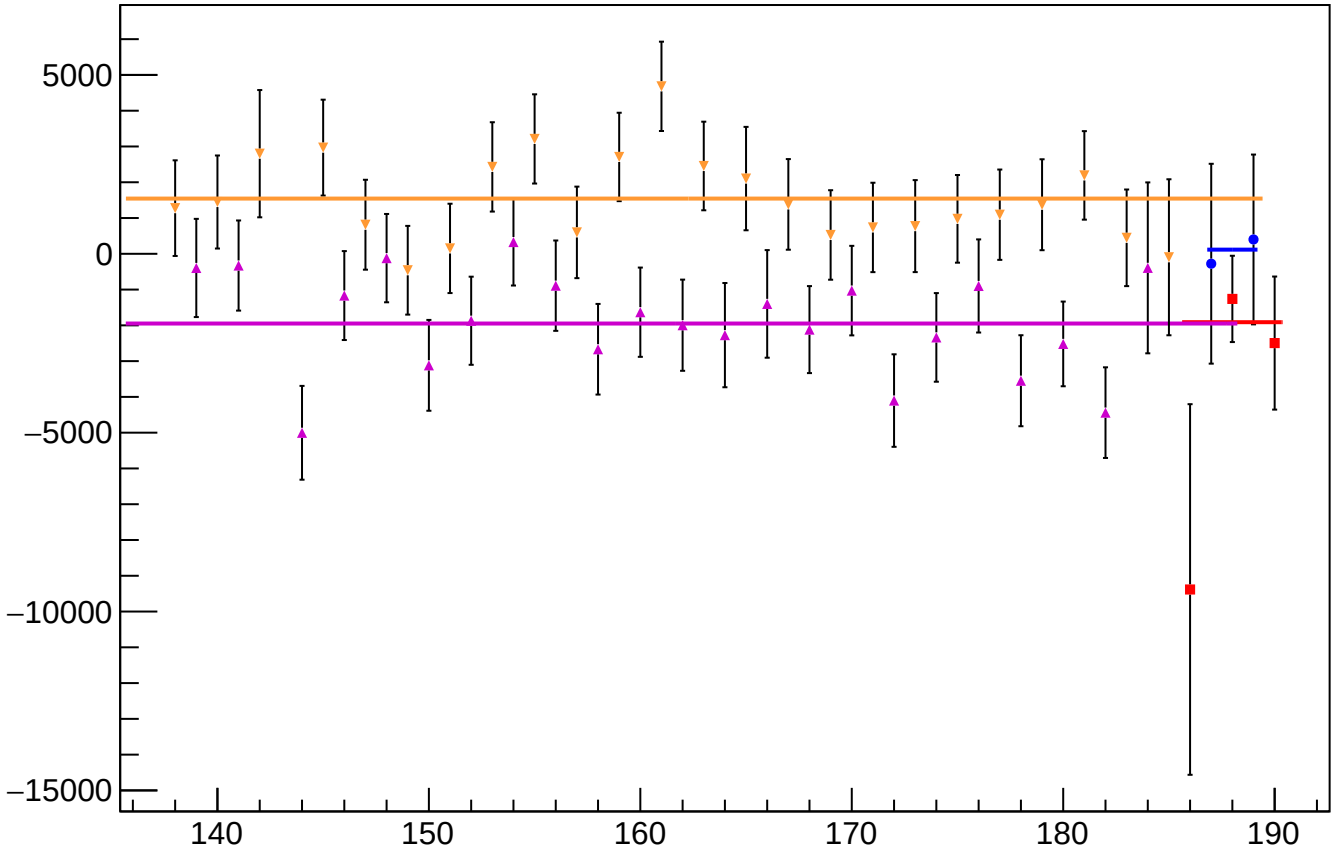
Left In: 785.562+/-0.134 χ^2/NDF:9033.0/22

+ 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

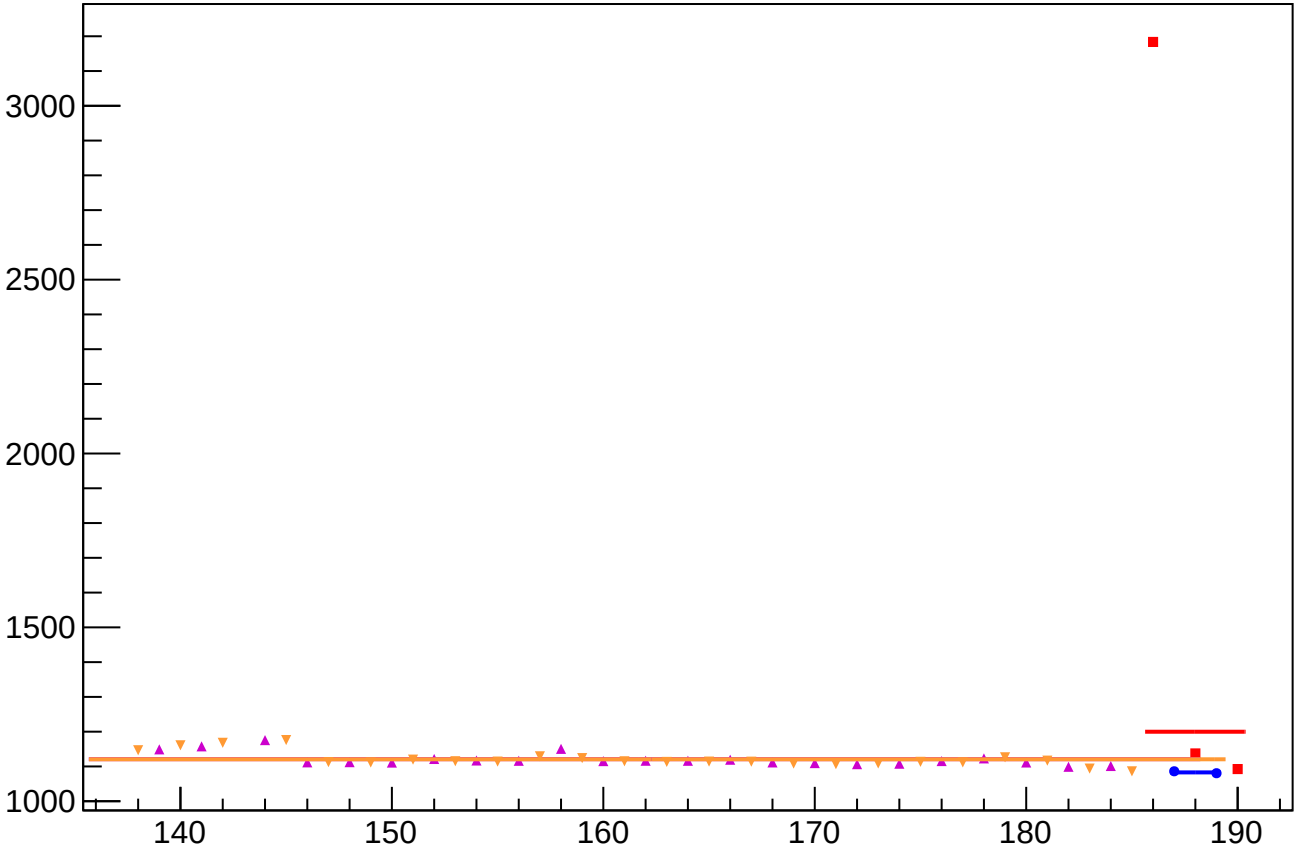
Left In: -1949.077+/-270.080 χ^2/NDF:26.8/22

+ 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

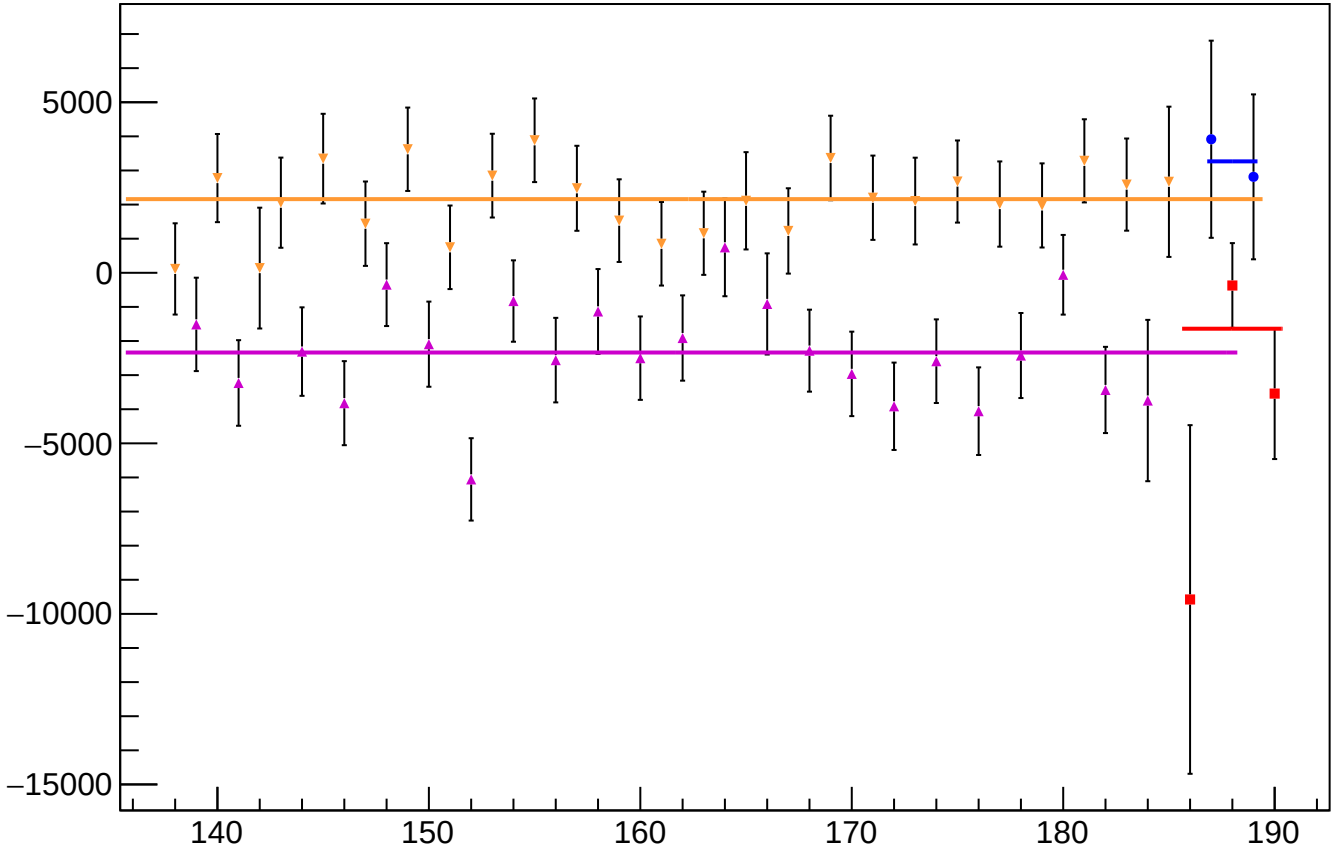
Left In: 1120.977+/-0.191 χ^2/NDF:9259.6/22

+ 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

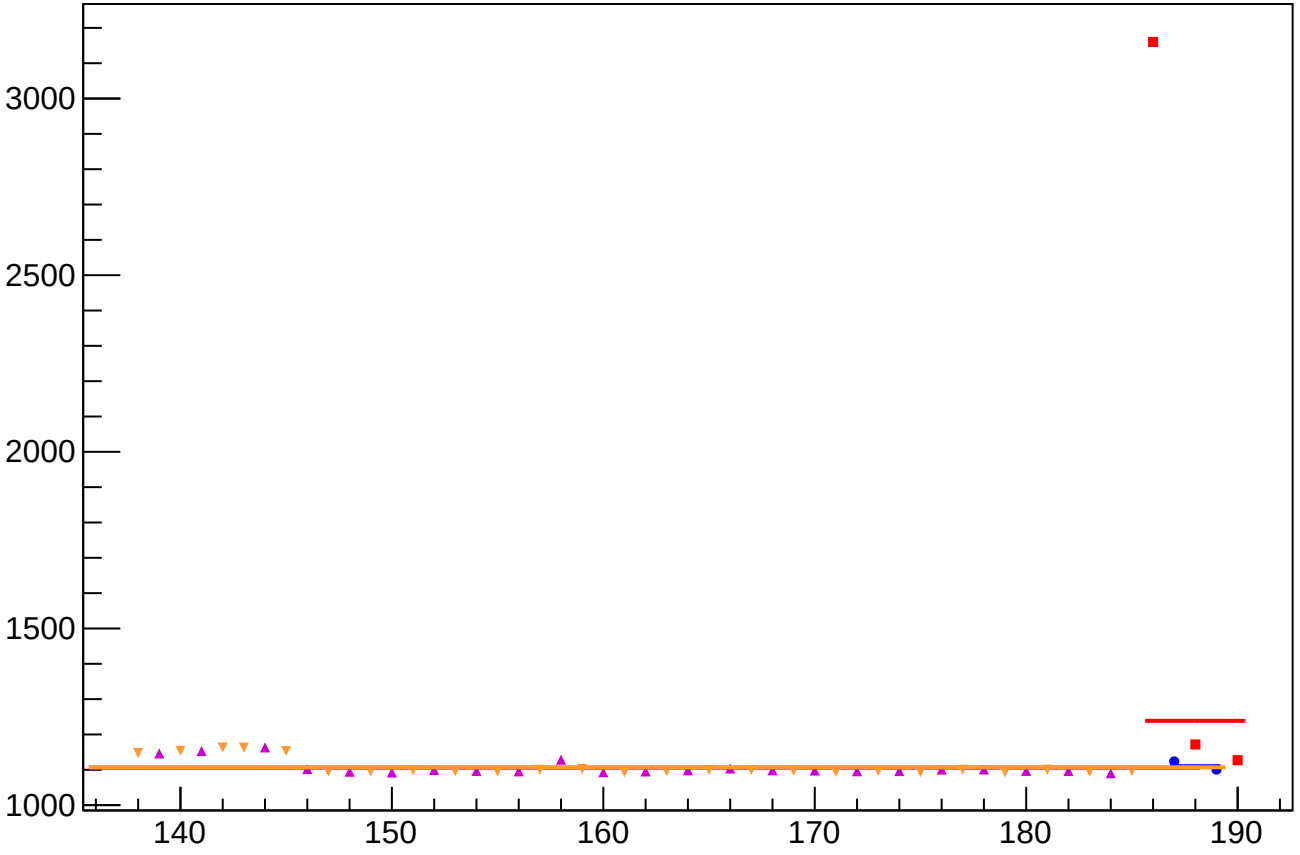
Left In: -2337.232+/-266.468 χ^2/NDF:31.3/22

+ 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

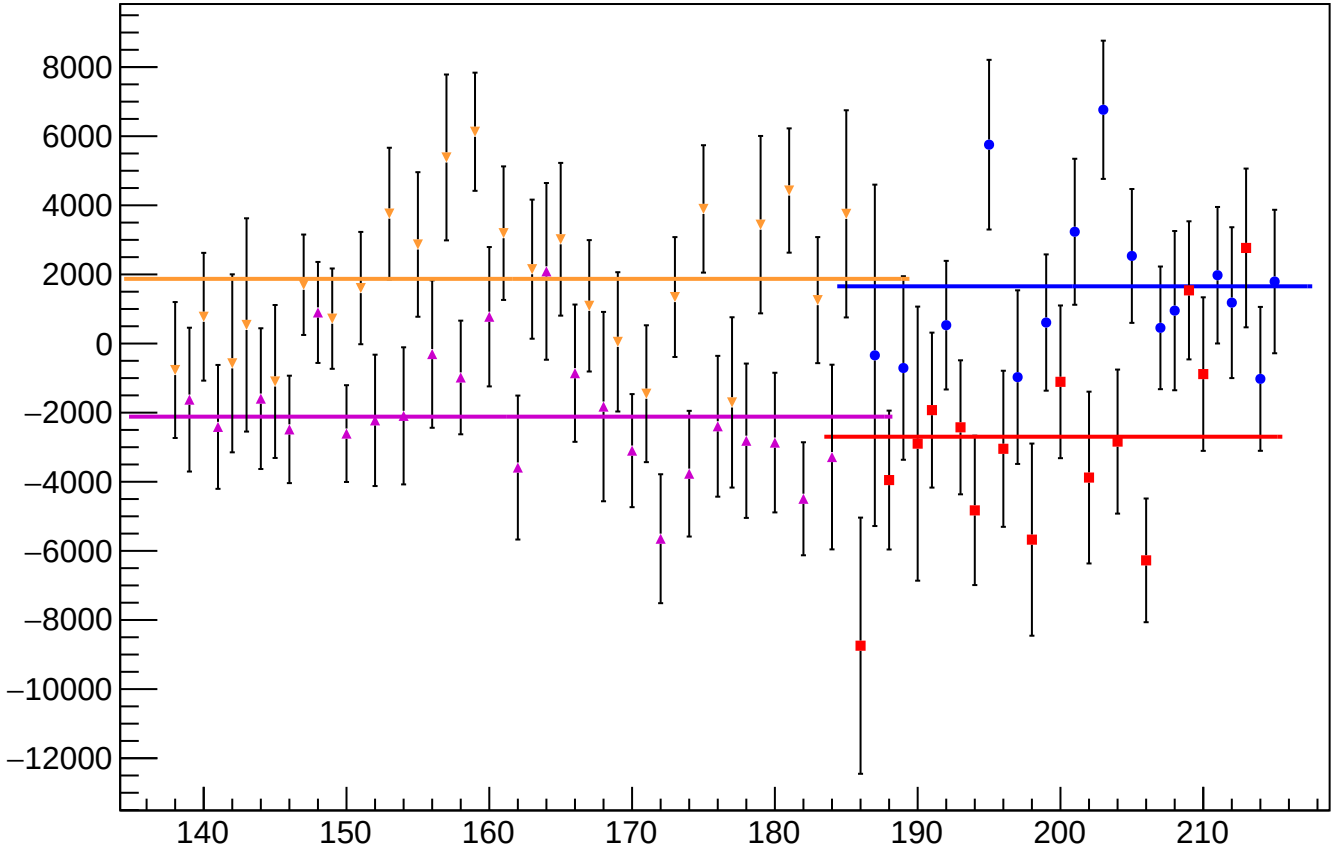
Left In: 1105.955+/-0.188 χ^2/NDF:11111.3/22

+ 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: -2696.538+/-583.220 χ^2/NDF: 20.9/14

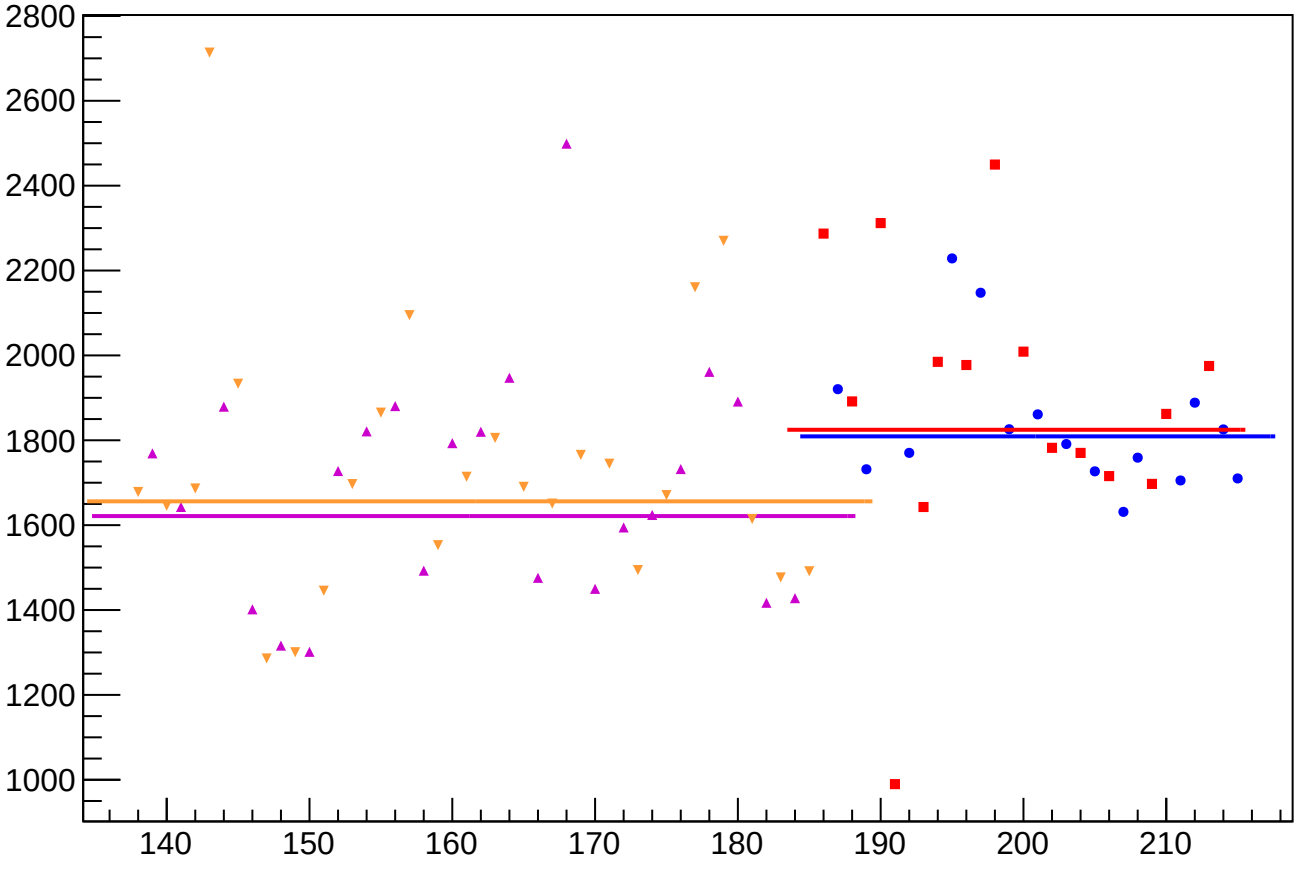
Left In: -2116.114+/-392.997 χ^2/NDF:18.8/22

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

All: -213.074+/-228.448 χ^2/NDF: 162.0/77

- sign -2297.363+/-325.910 χ^2/NDF: 40.4/37

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: 1824.776+/-0.412 χ^2/NDF: 520140.2/14

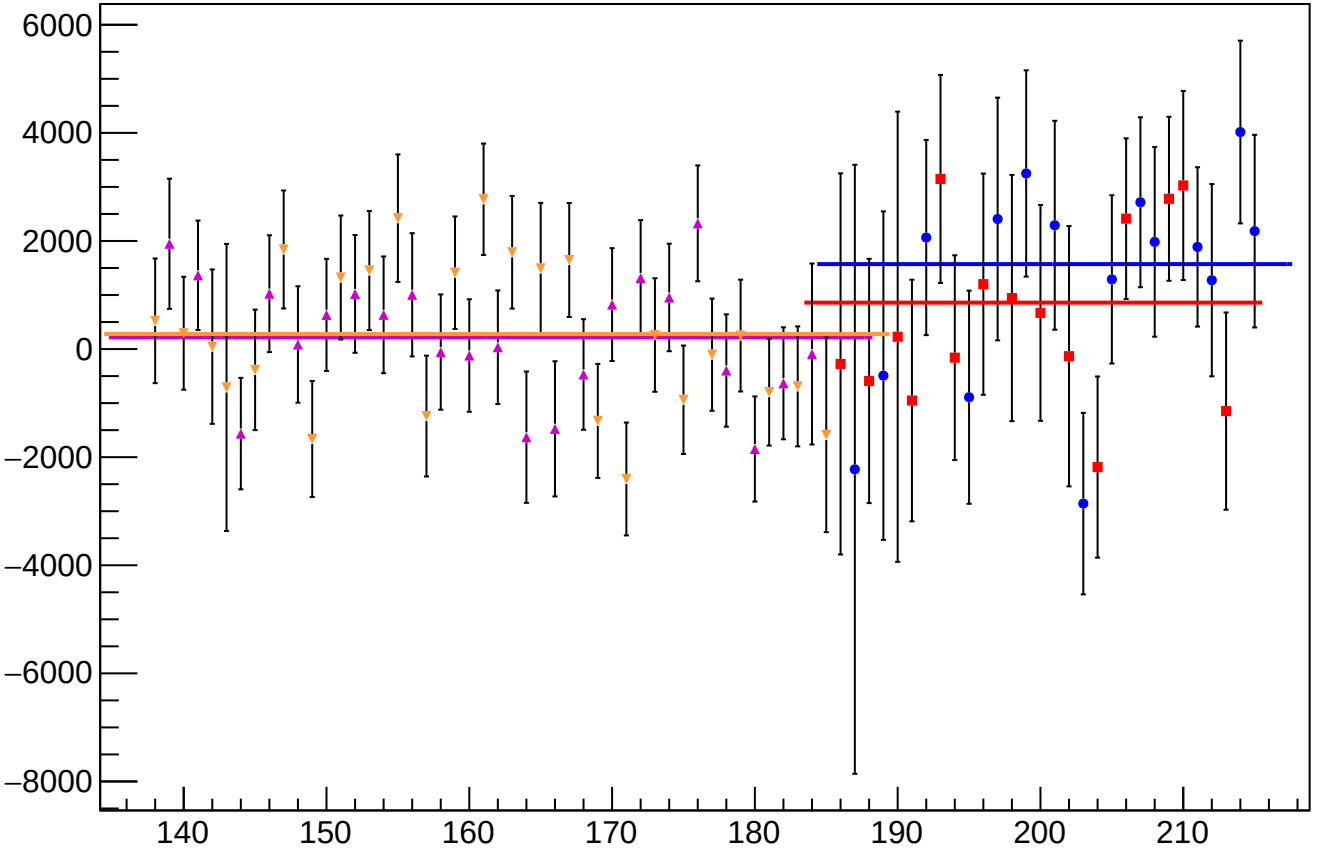
Left In: 1621.417+/-0.278 χ^2/NDF:775310.1/22

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

All: 1696.060+/-0.162 χ^2/NDF: 2616297.0/77

- sign 1684.920+/-0.230 χ^2/NDF: 1462679.4/37

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: 859.724+/-512.456 χ^2/NDF: 11.8/14

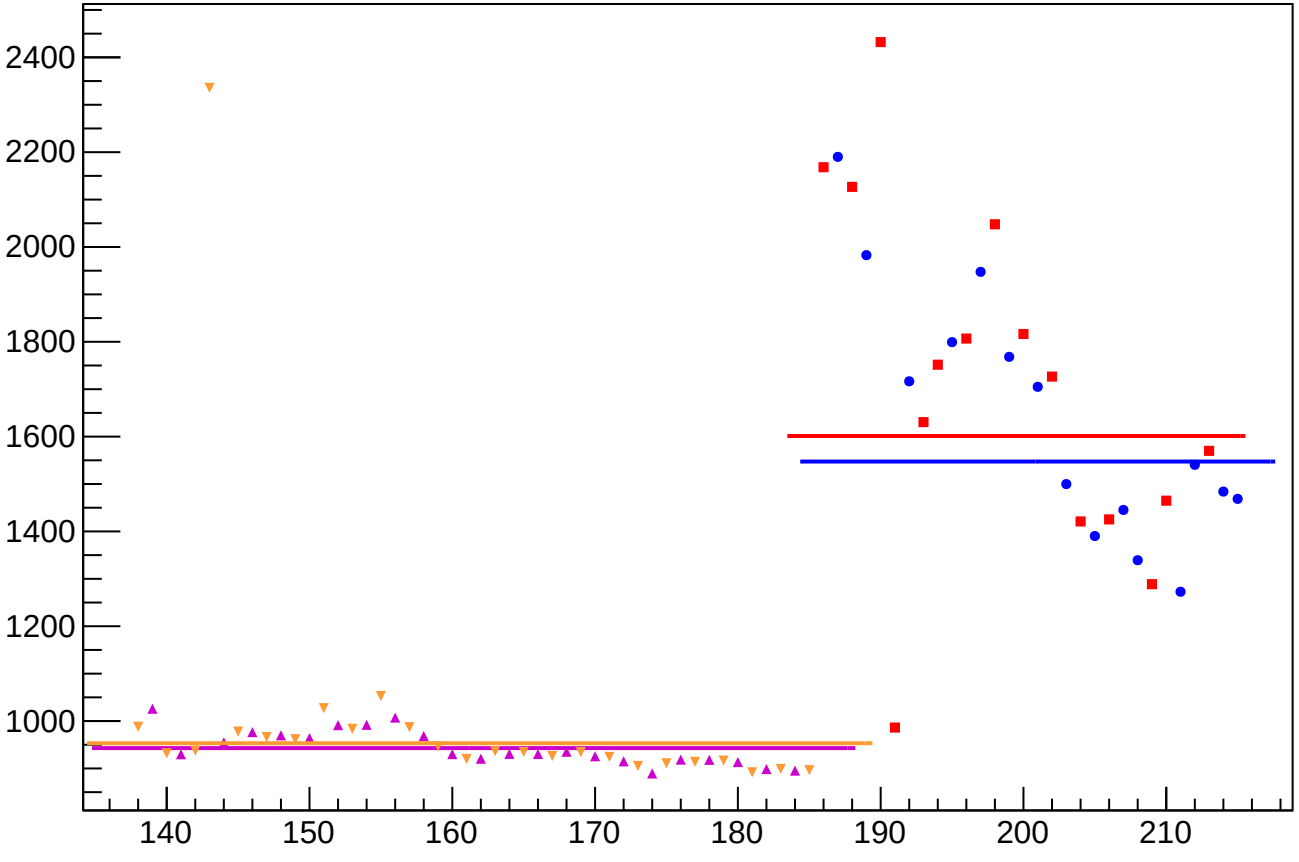
Left In: 216.121+/-225.600 χ^2/NDF:24.4/22

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

All: 417.468+/-144.574 χ^2/NDF: 95.9/77

\- sign 320.605+/-206.478 χ^2/NDF: 37.6/37

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: 1601.308+/-0.362 χ^2/NDF: 678469.4/14

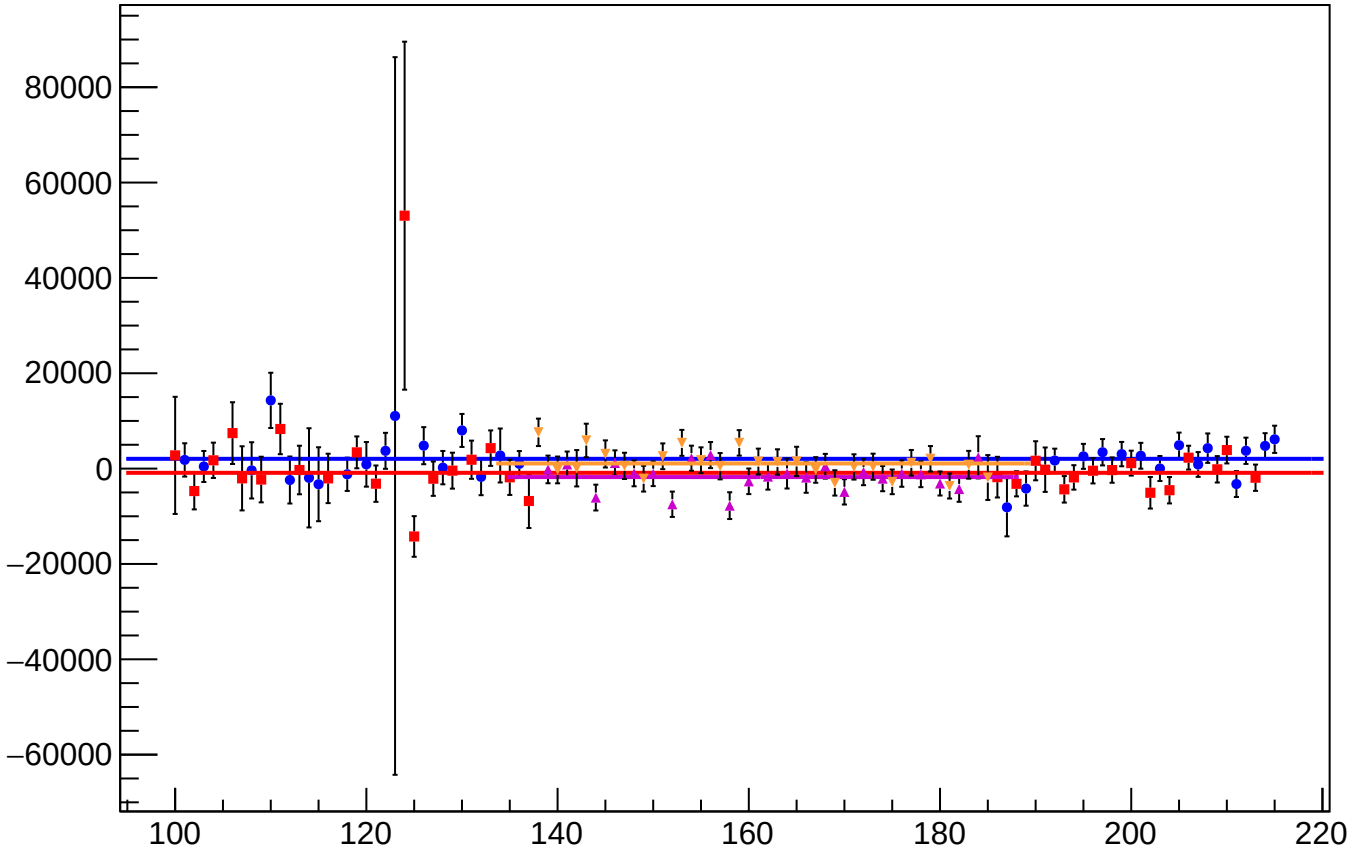
Left In: 942.927+/-0.160 χ^2/NDF:48402.9/22

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

All: 1055.004+/-0.102 χ^2/NDF: 6995010.8/77

- sign 1049.810+/-0.146 χ^2/NDF: 3492148.3/37

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: -884.145+/-604.885 χ^2/NDF: 35.8/33

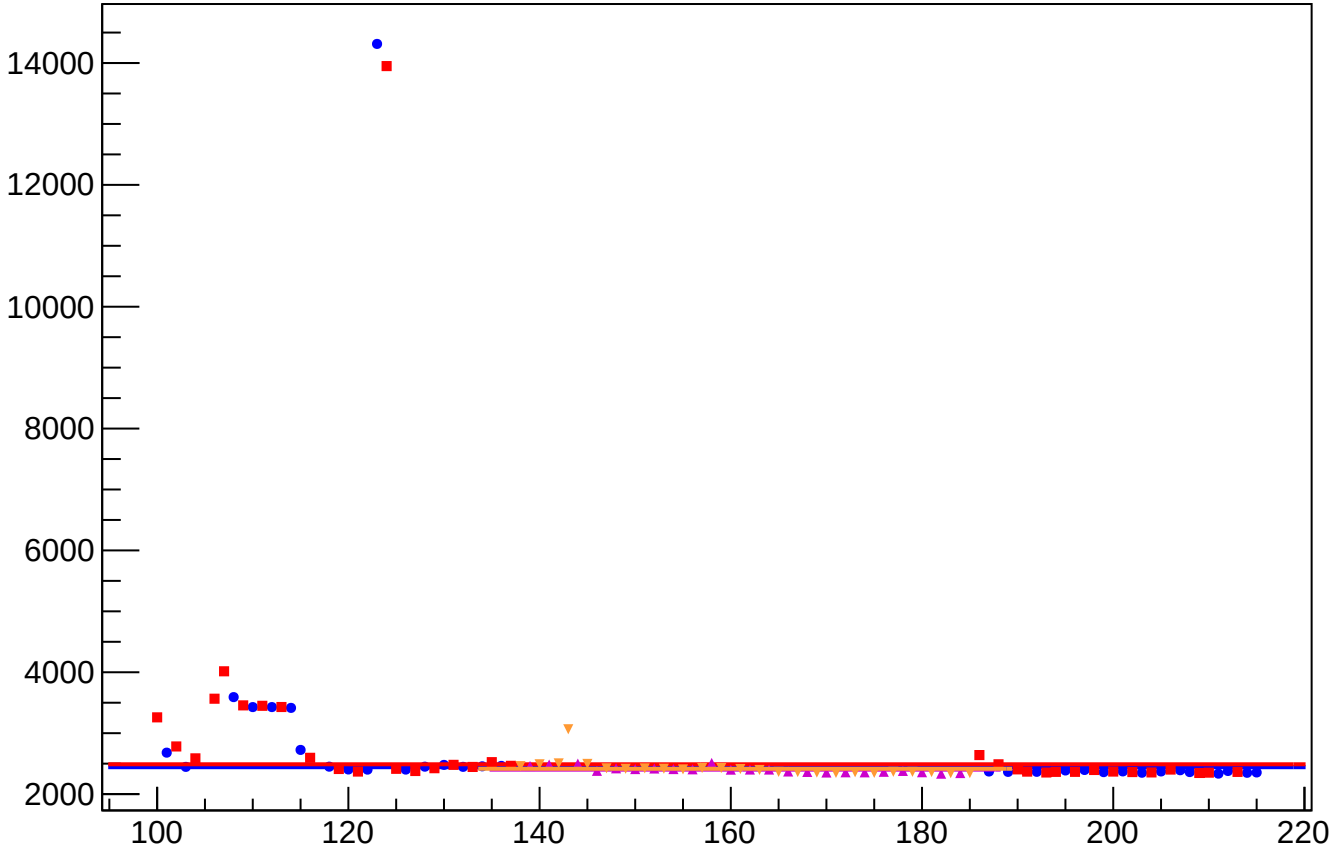
Left In: -1777.100+/-575.895 χ^2/NDF:24.1/22

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

All: 127.801+/-291.576 χ^2/NDF: 139.0/113

- sign -1352.533+/-417.091 χ^2/NDF: 61.0/56

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: 2489.638+/-0.428 χ^2/NDF: 648664.6/33

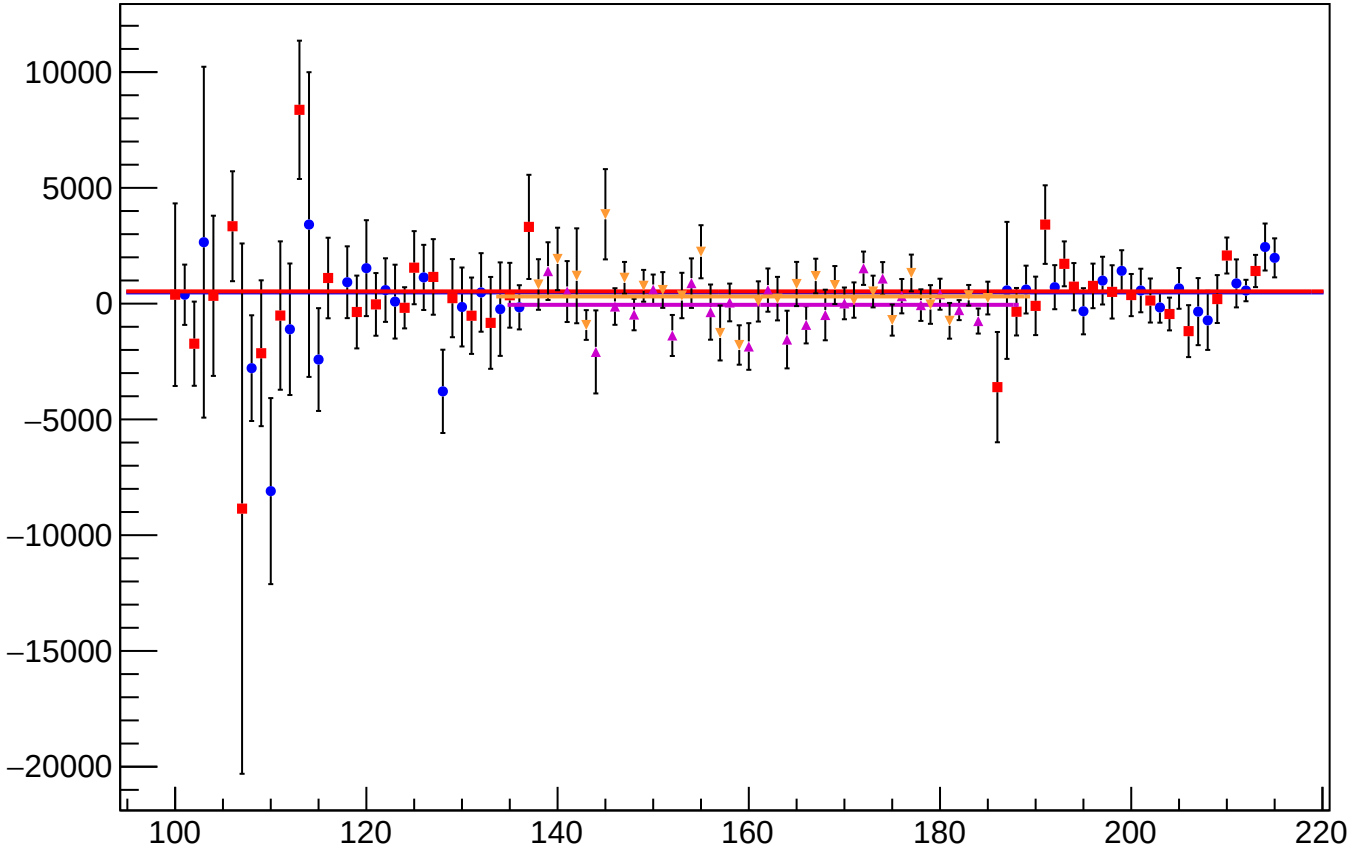
Left In: 2401.422+/-0.407 χ^2/NDF:13747.6/22

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

All: 2435.630+/-0.206 χ^2/NDF: 1086909.4/11

- sign 2443.365+/-0.295 χ^2/NDF: 684725.2/56

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: 529.118+/-214.840 χ^2/NDF: 34.2/33

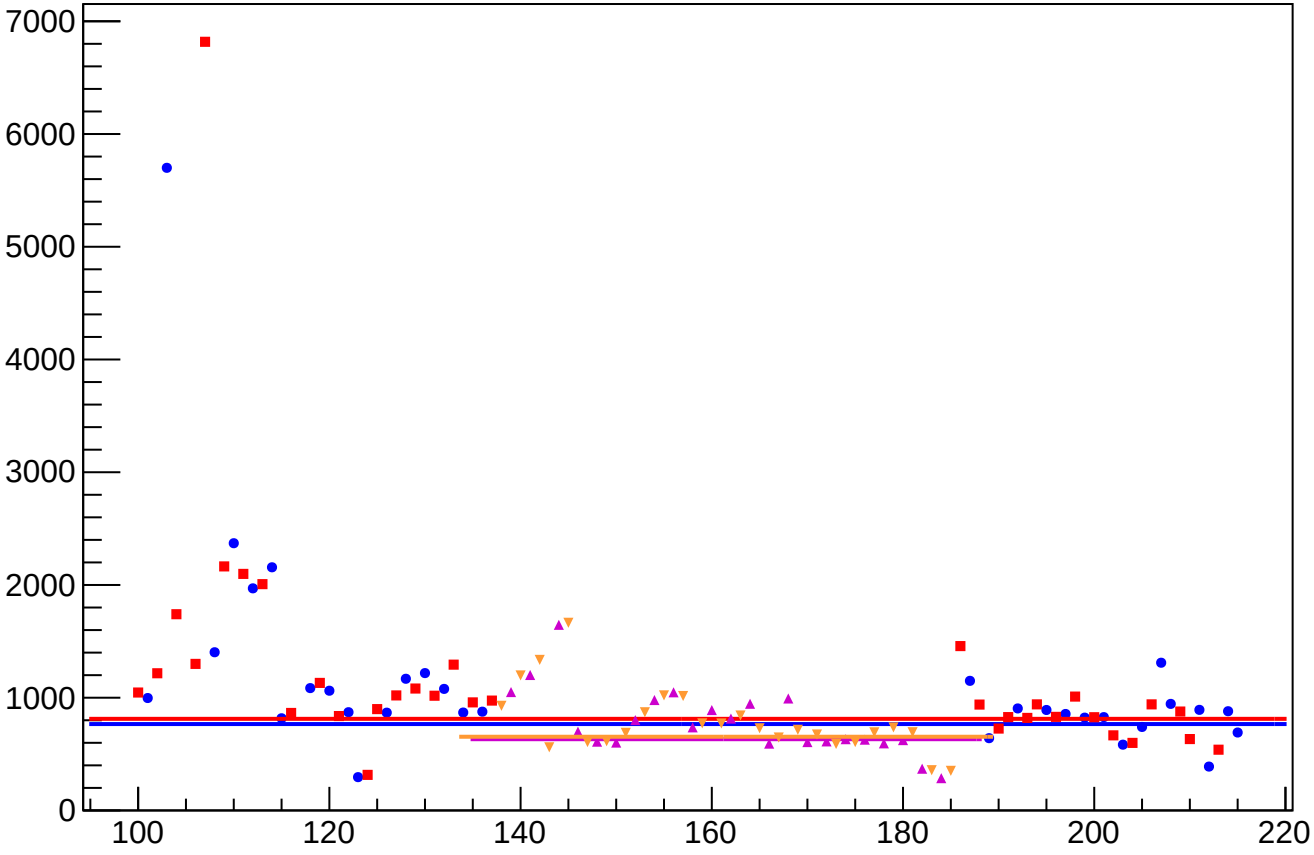
Left In: -51.454+/-161.744 χ^2/NDF:23.8/22

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

All: 271.648+/-90.010 χ^2/NDF: 121.7/113

- sign 158.571+/-129.218 χ^2/NDF: 62.7/56

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: 812.655+/-0.152 χ^2/NDF: 3830942.3/33

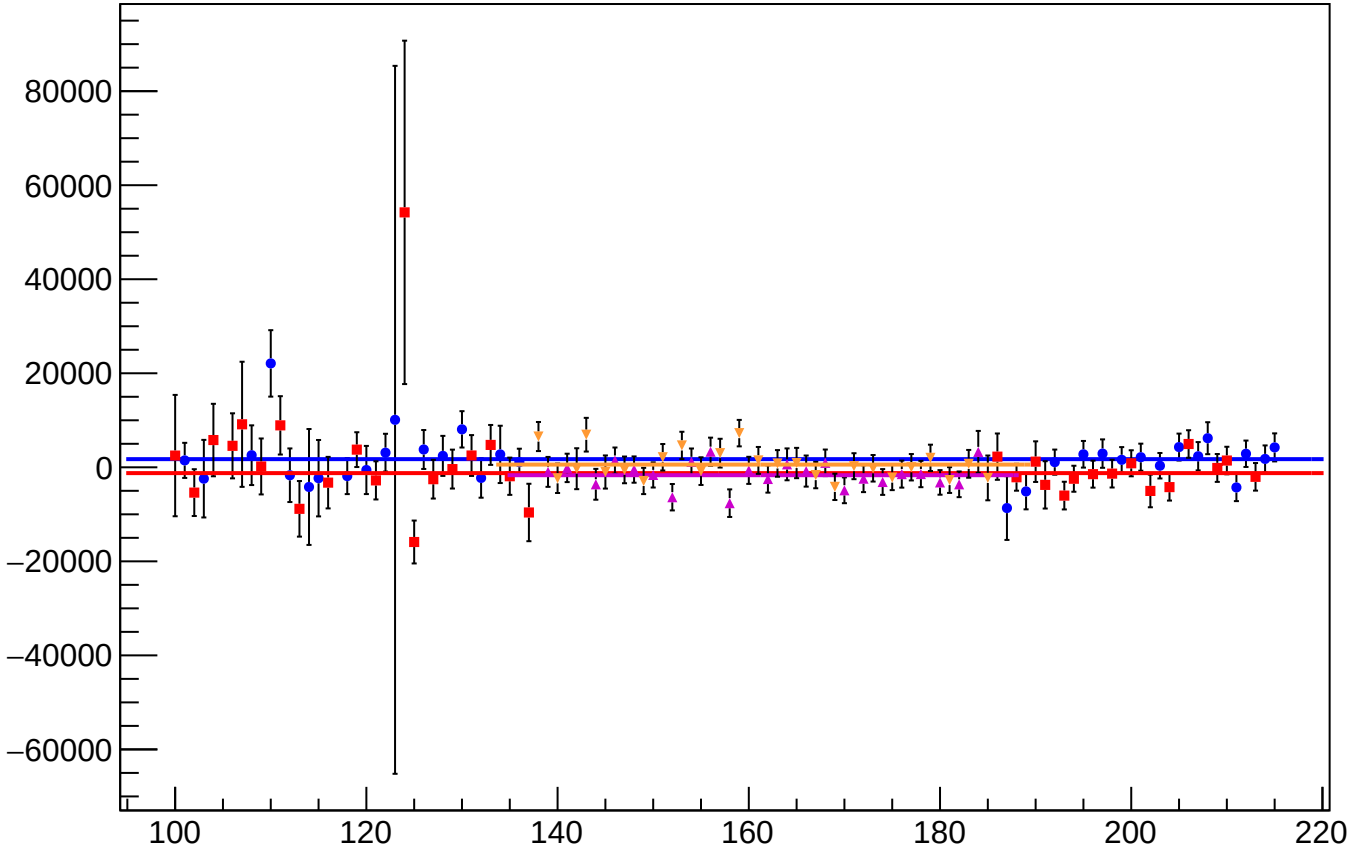
Left In: 632.053+/-0.114 χ^2/NDF:3942853.4/22

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

All: 697.556+/-0.064 χ^2/NDF: 16853333.9/11

- sign 697.387+/-0.091 χ^2/NDF: 8675851.1/56

asym_atl1_mean vs Slug



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: -1234.960+/-667.743 χ^2/NDF: 39.2/33

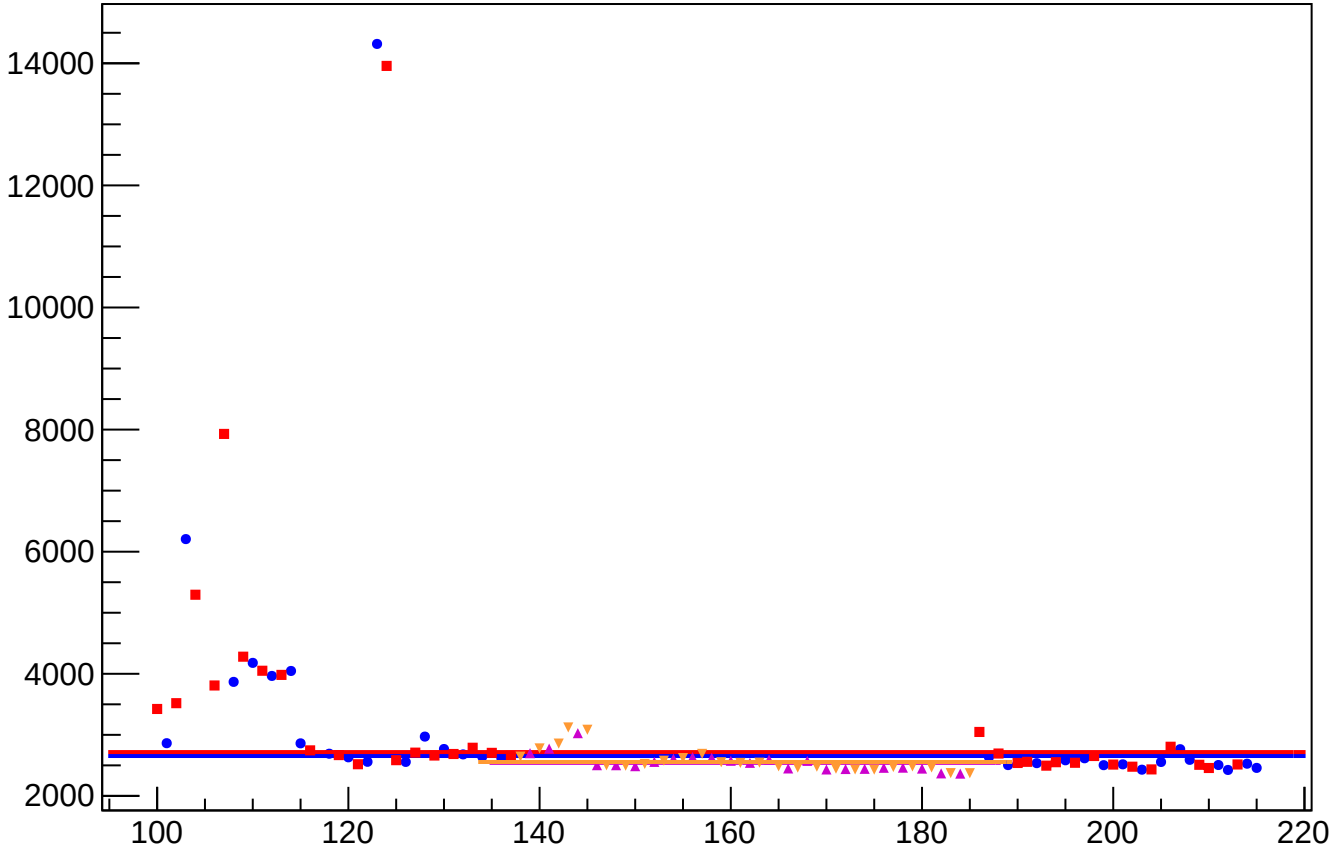
Left In: -1679.572+/-610.111 χ^2/NDF:18.2/22

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

All: -147.707+/-314.232 χ^2/NDF: 130.1/113

- sign -1477.278+/-450.413 χ^2/NDF: 57.6/56

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: 2717.896+/-0.472 χ^2/NDF: 1275992.2/33

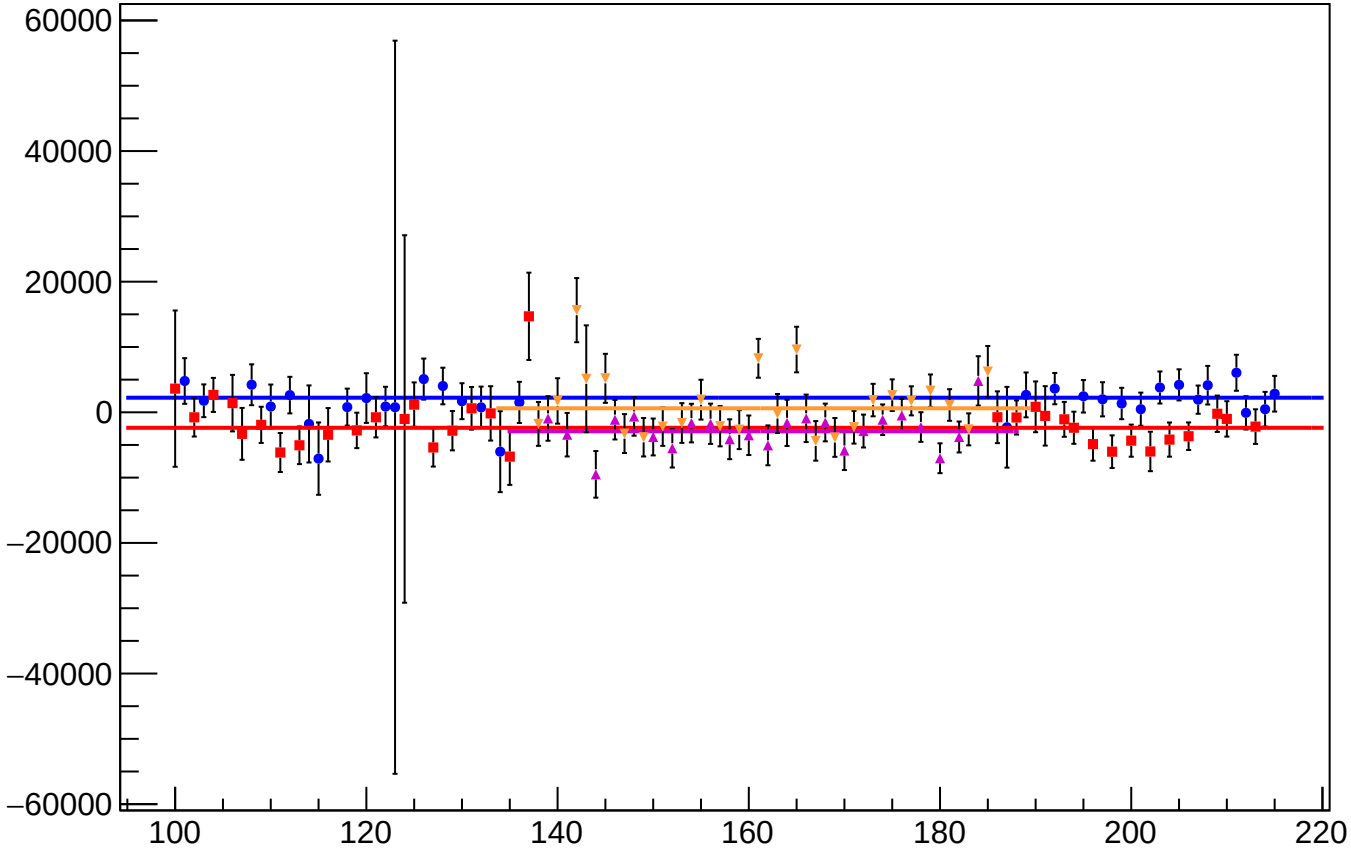
Left In: 2540.988+/-0.431 χ^2/NDF:94756.7/22

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

All: 2610.661+/-0.222 χ^2/NDF: 2438404.2/11

- sign 2621.479+/-0.318 χ^2/NDF: 1447257.5/56

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: -2373.002+/-527.805 χ^2/NDF: 27.3/33

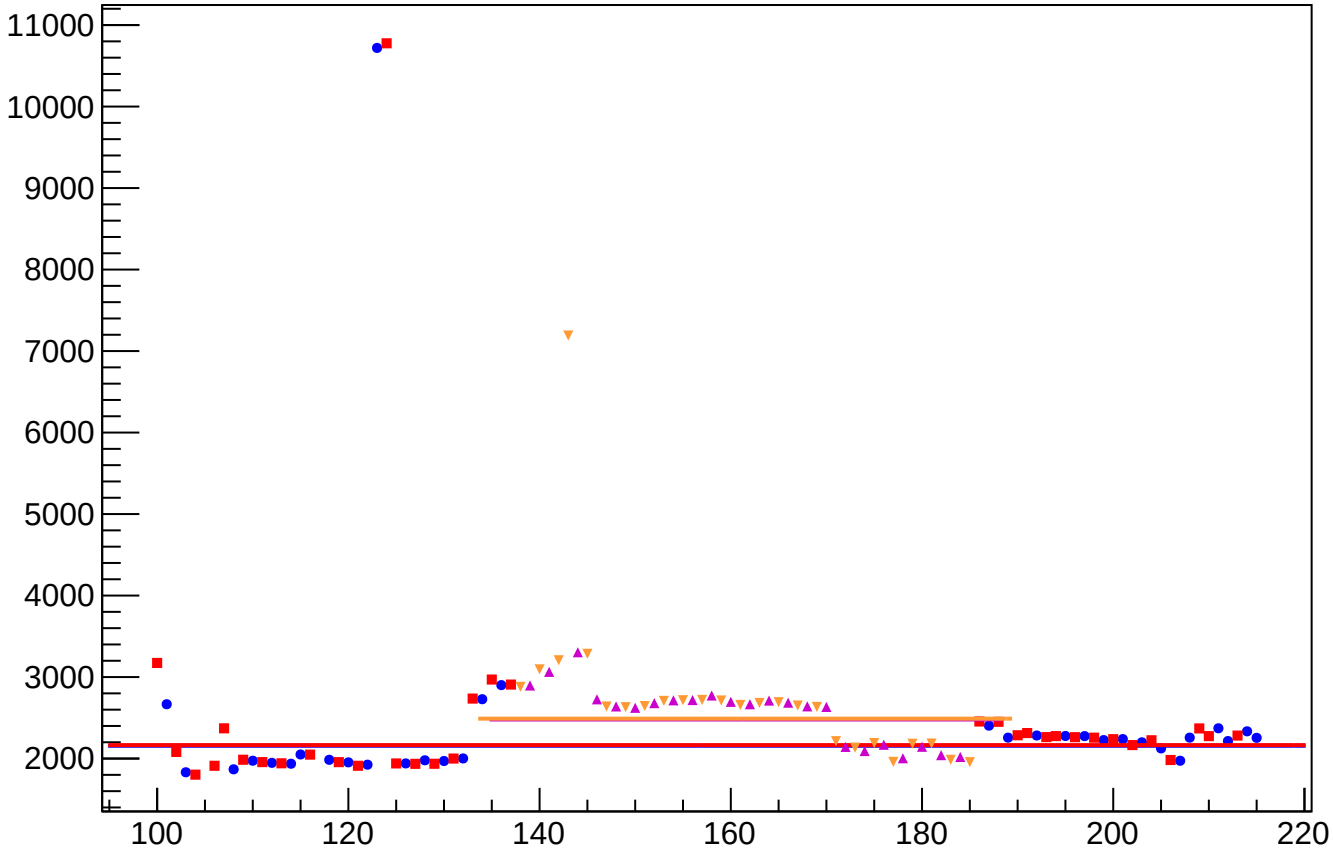
Left In: -2909.108+/-599.673 χ^2/NDF:17.4/22

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

All: -516.437+/-278.478 χ^2/NDF: 164.0/113

- sign -2607.021+/-396.200 χ^2/NDF: 45.1/56

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: 2164.784+/-0.373 χ^2/NDF: 567222.4/33

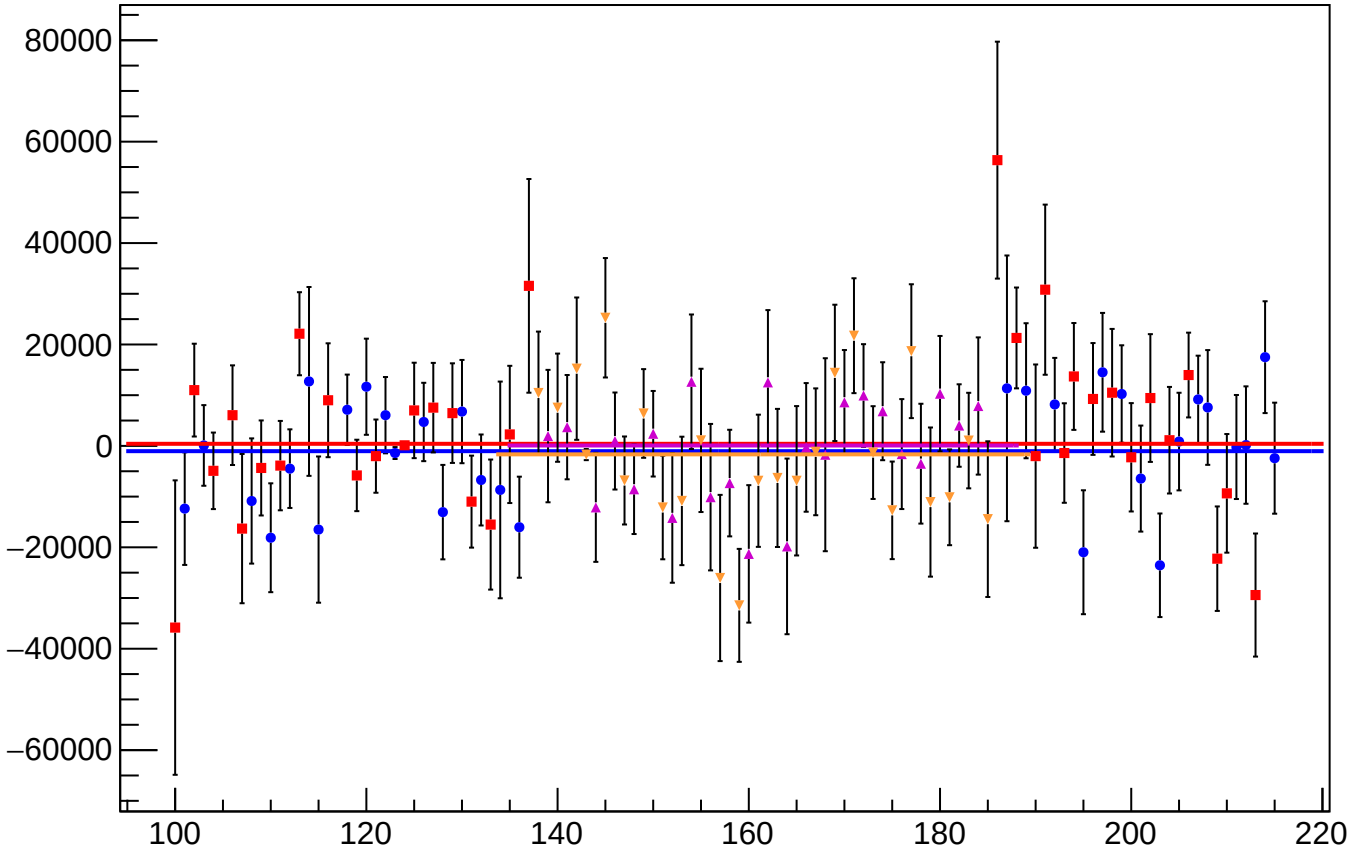
Left In: 2479.348+/-0.424 χ^2/NDF:668398.2/22

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

All: 2302.617+/-0.197 χ^2/NDF: 3675144.4/11

- sign 2302.095+/-0.280 χ^2/NDF: 1545722.4/56

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: 412.462+/-676.864 χ^2/NDF: 52.2/33

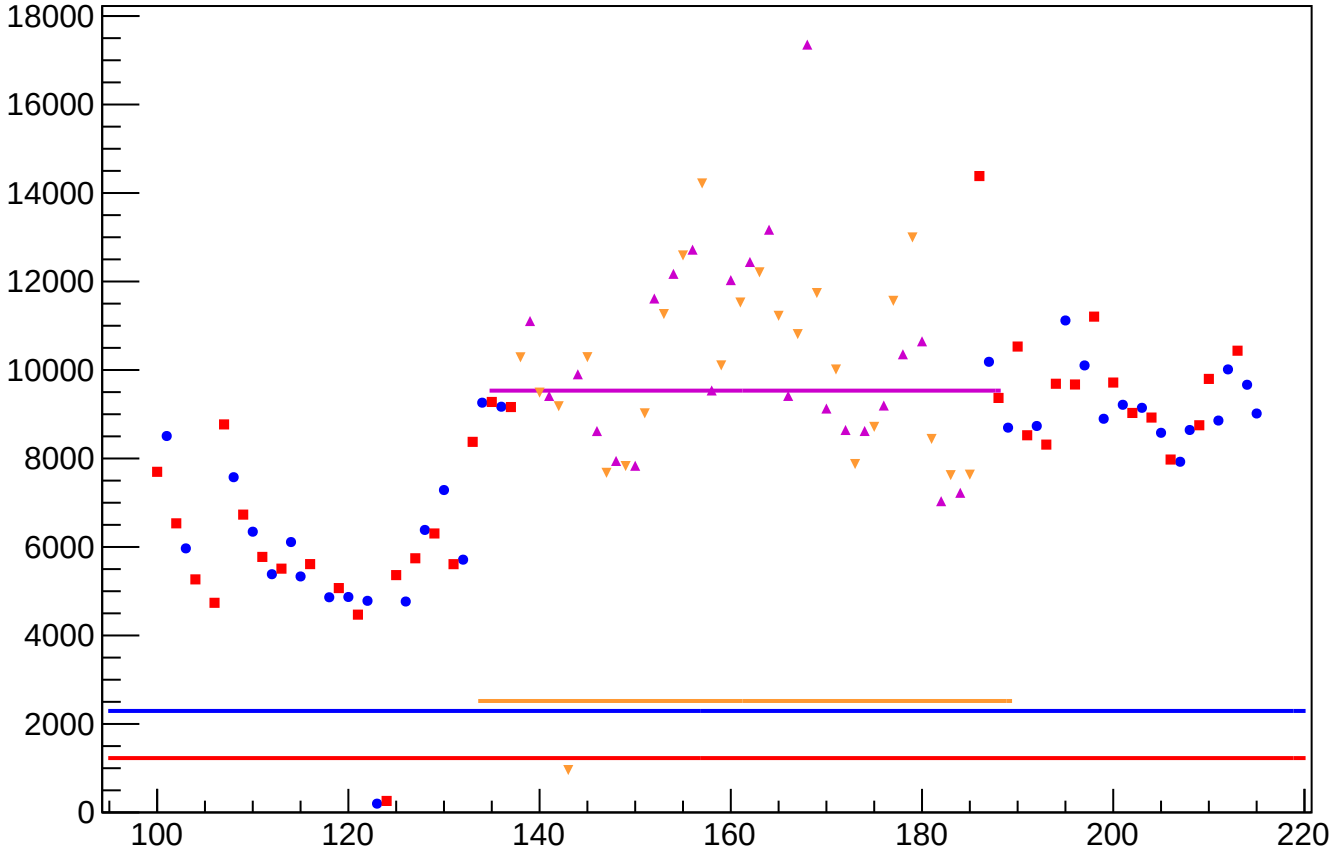
Left In: 80.274+/-2331.531 χ^2/NDF:13.8/22

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

All: -417.743+/-476.308 χ^2/NDF: 135.6/113

- sign 386.641+/-650.026 χ^2/NDF: 66.0/56

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

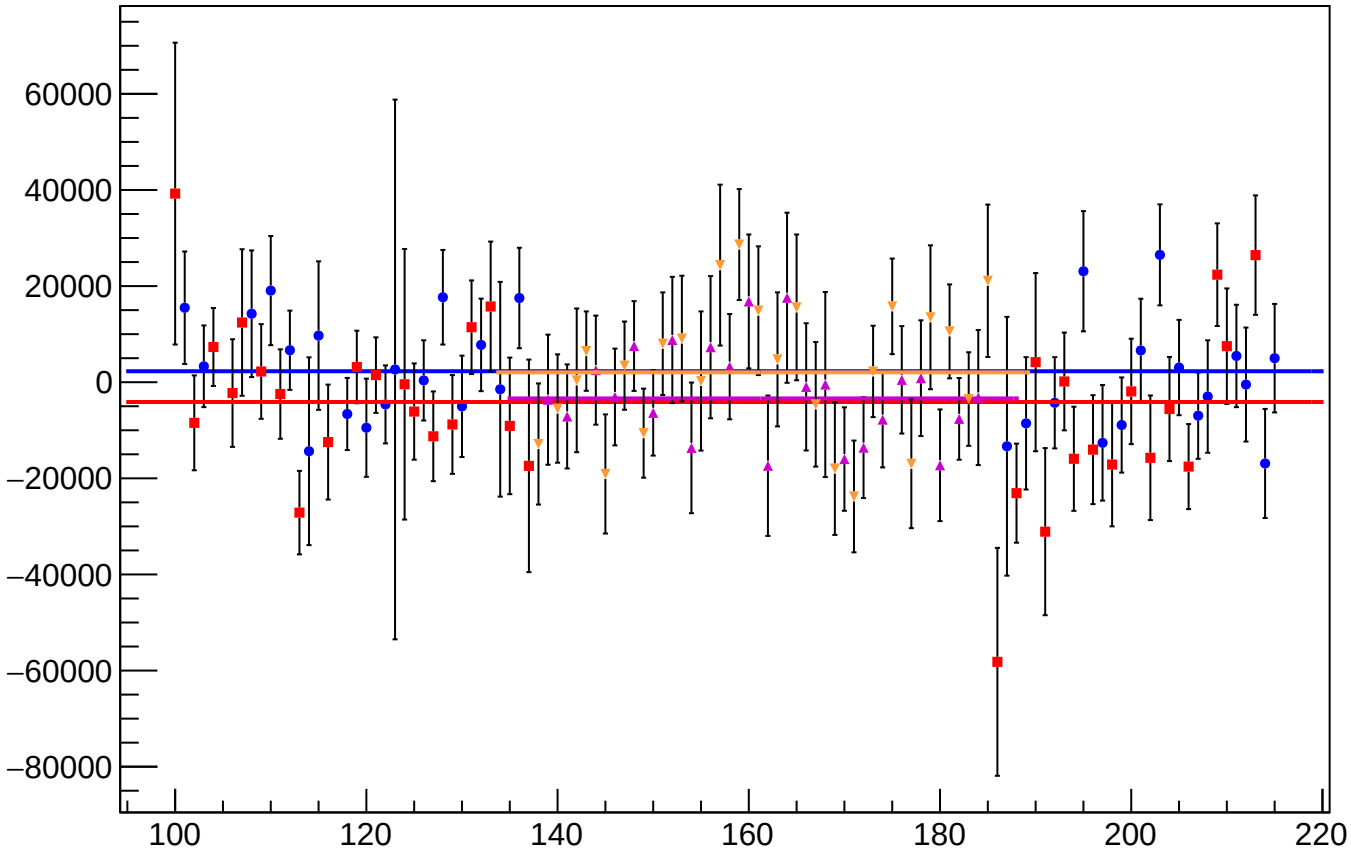
Right Out: 1228.877+/-0.479 χ^2/NDF: 27579819.7/33

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

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

All: 2120.598+/-0.337 χ^2/NDF: 100297912.9

- sign 1874.387+/-0.460 χ^2/NDF: 52298454.6/56



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: -4118.387+/-1900.175 χ^2/NDF: 51.4/33

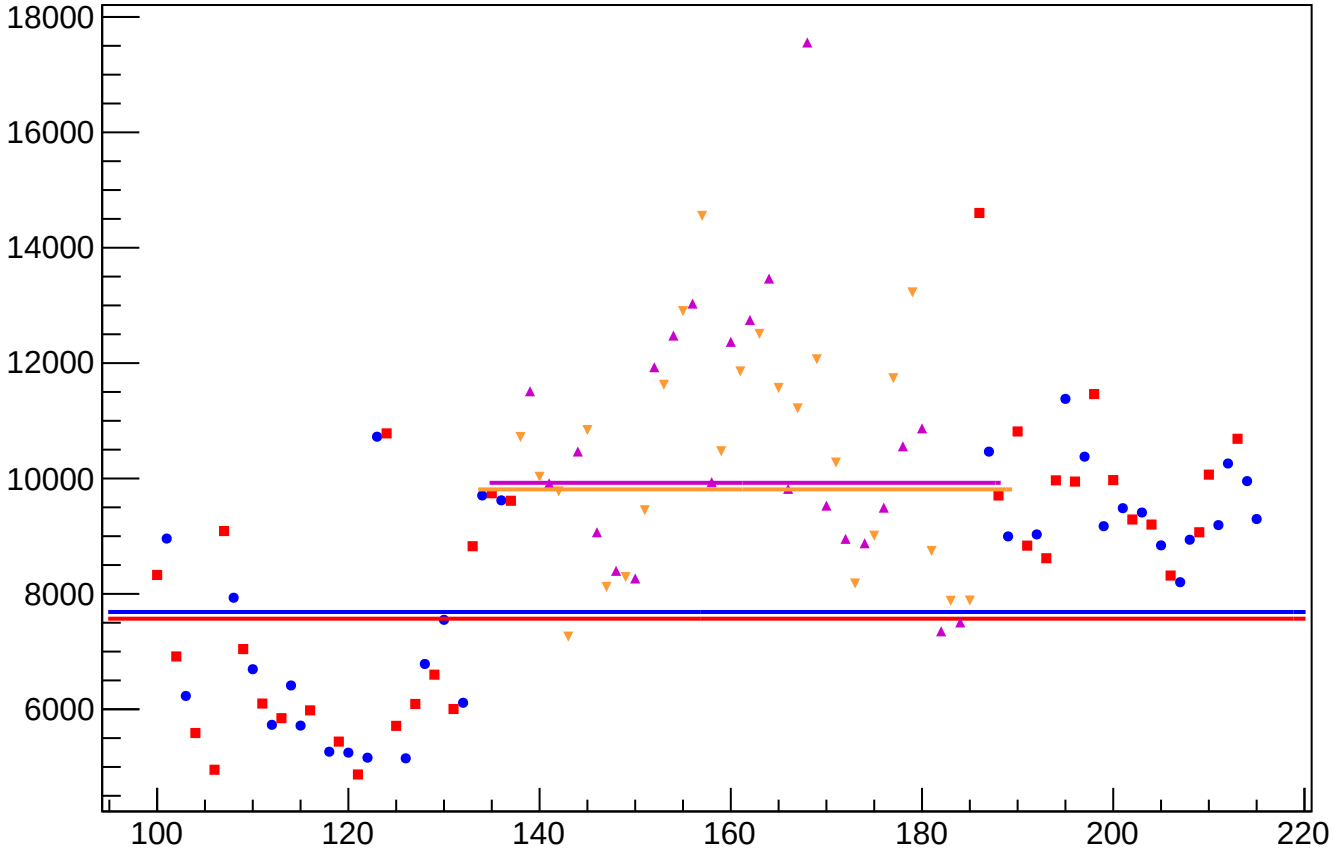
Left In: -3371.931+/-2423.242 χ^2/NDF:13.1/22

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

All: -783.285+/-1050.656 χ^2/NDF: 134.8/113

- sign -3834.166+/-1495.281 χ^2/NDF: 64.6/56

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: 7570.018+/-1.344 χ^2/NDF: 2286337.3/33

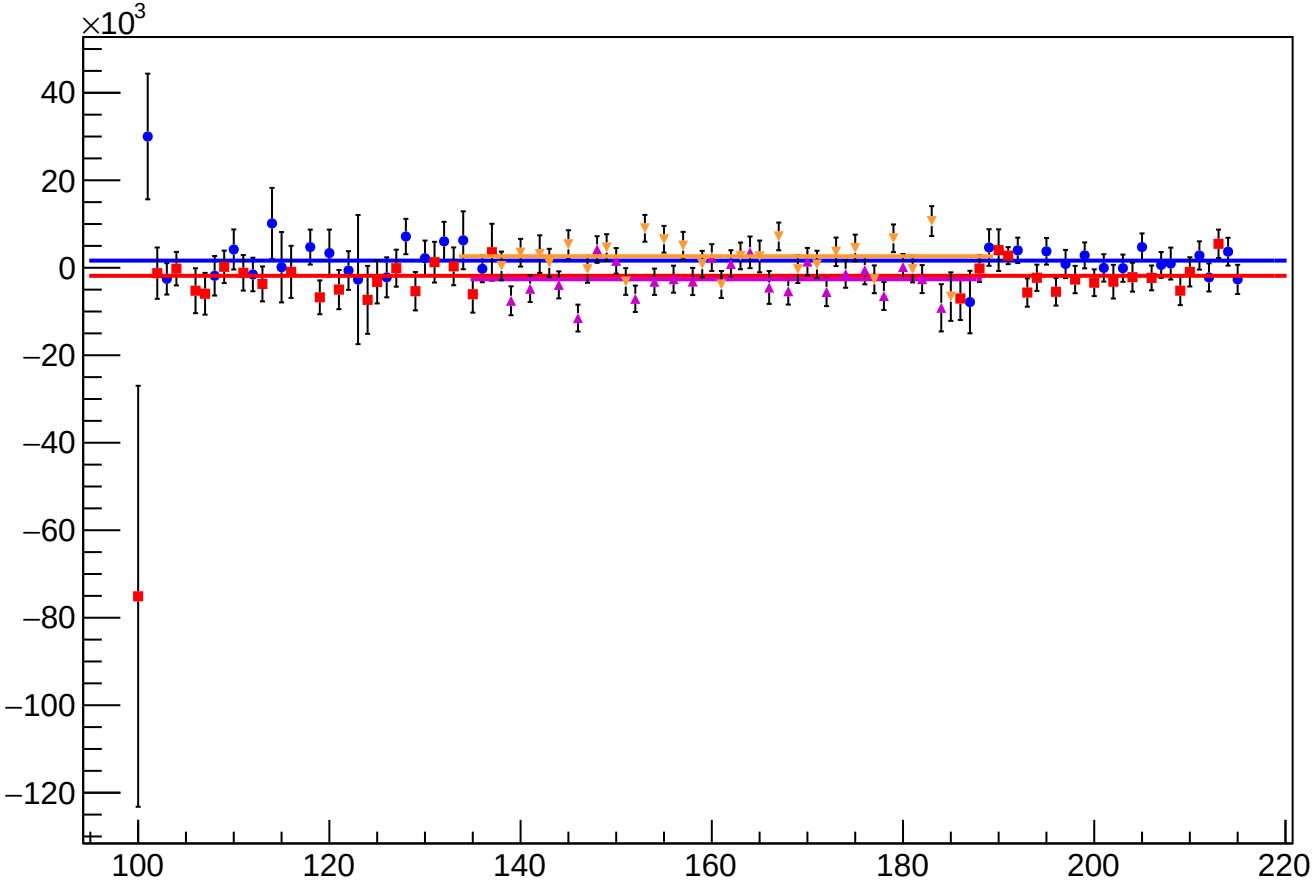
Left In: 9925.337+/-1.713 χ^2/NDF:1211554.7/22

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

All: 8502.326+/-0.743 χ^2/NDF: 8812774.1/11

- sign 8466.768+/-1.057 χ^2/NDF: 4667965.0/56

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: -1838.518+/-645.890 χ^2/NDF: 28.2/33

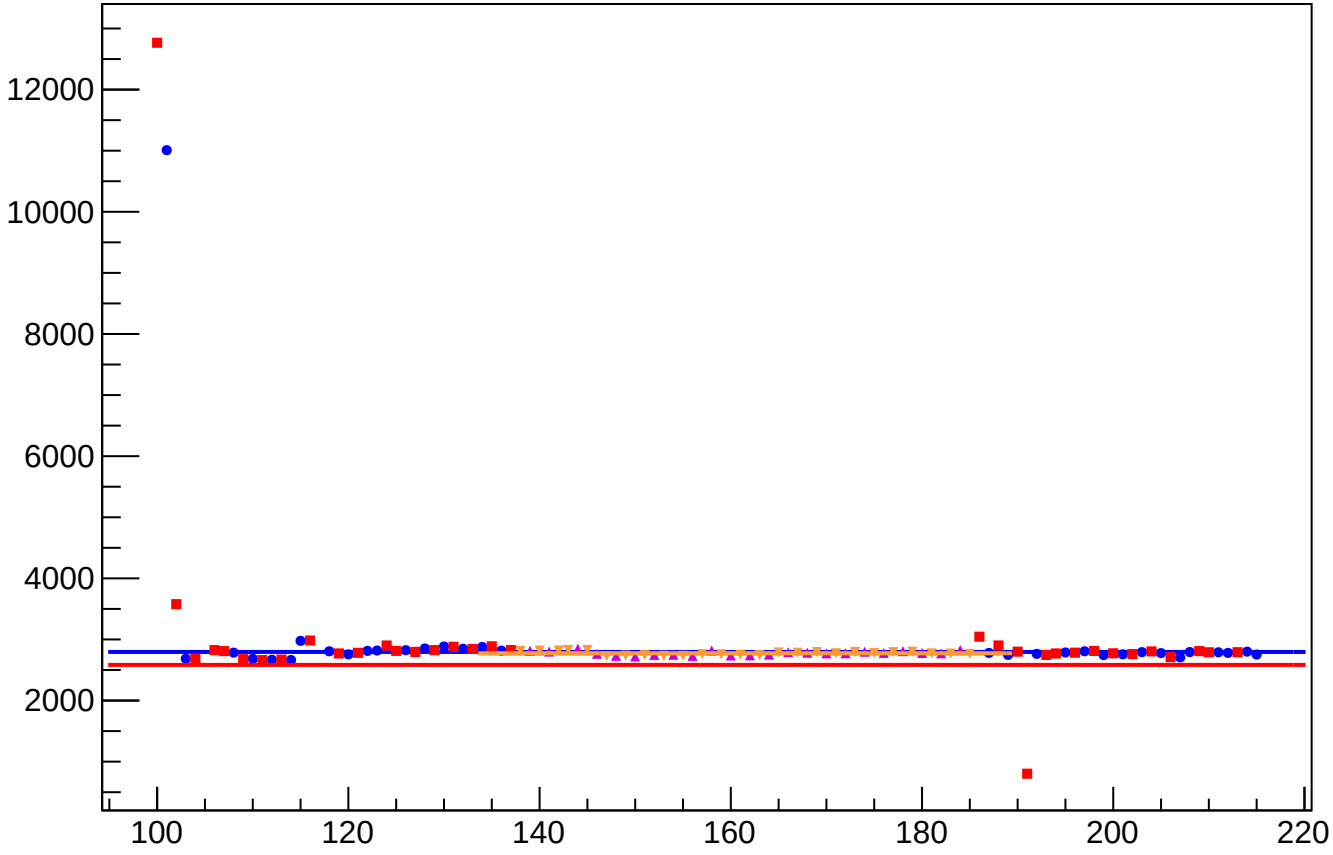
Left In: -2638.607+/-664.569 χ^2/NDF:35.2/22

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

All: -55.289+/-329.135 χ^2/NDF: 167.2/113

- sign -2227.160+/-463.176 χ^2/NDF: 64.2/56

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: 2583.684+/-0.457 χ^2/NDF: 2022414.6/33

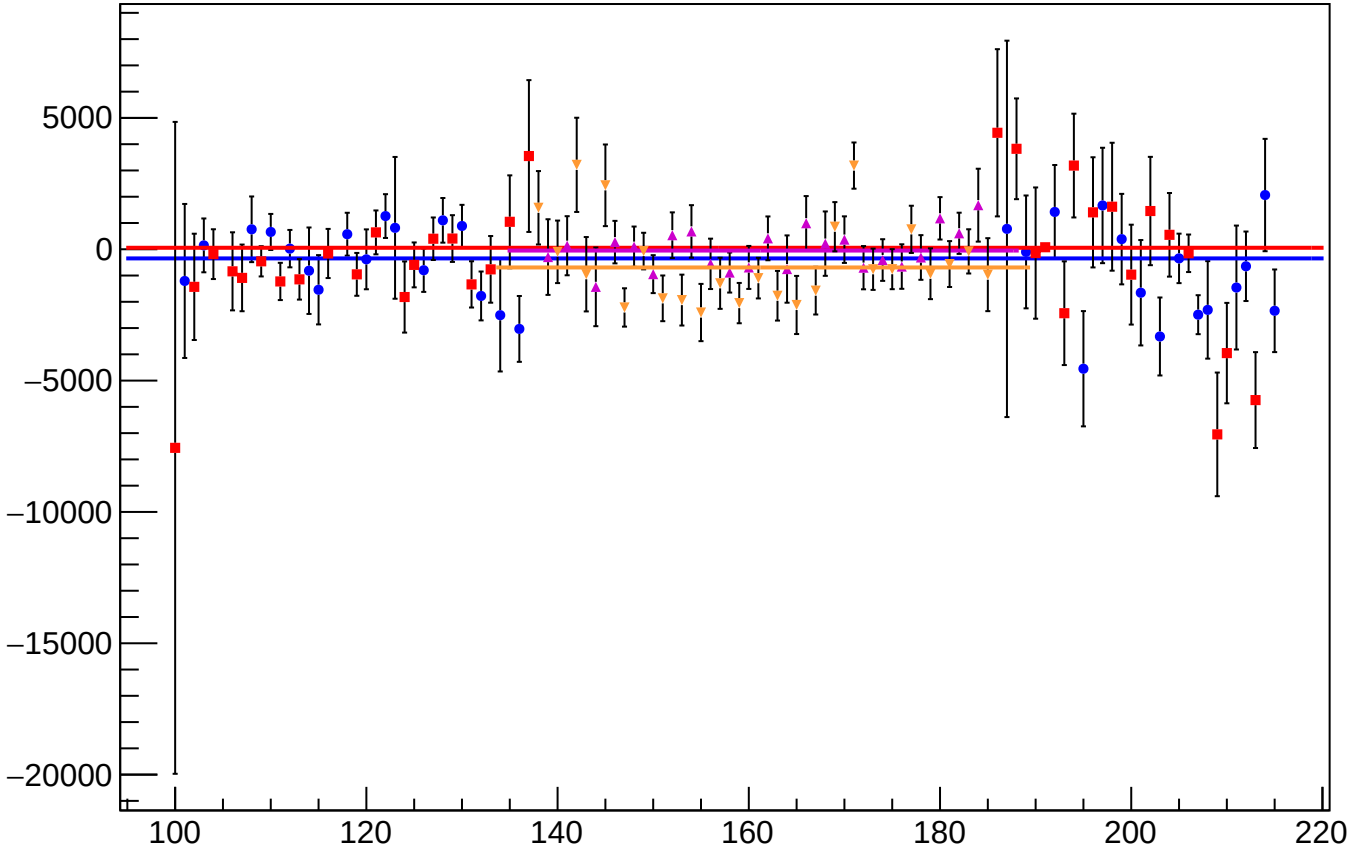
Left In: 2774.036+/-0.470 χ^2/NDF:4985.3/22

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

All: 2729.634+/-0.233 χ^2/NDF: 2838411.4/11

- sign 2676.147+/-0.328 χ^2/NDF: 2111780.3/56

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: 56.733+/-37.802 χ^2/NDF: 53.8/33

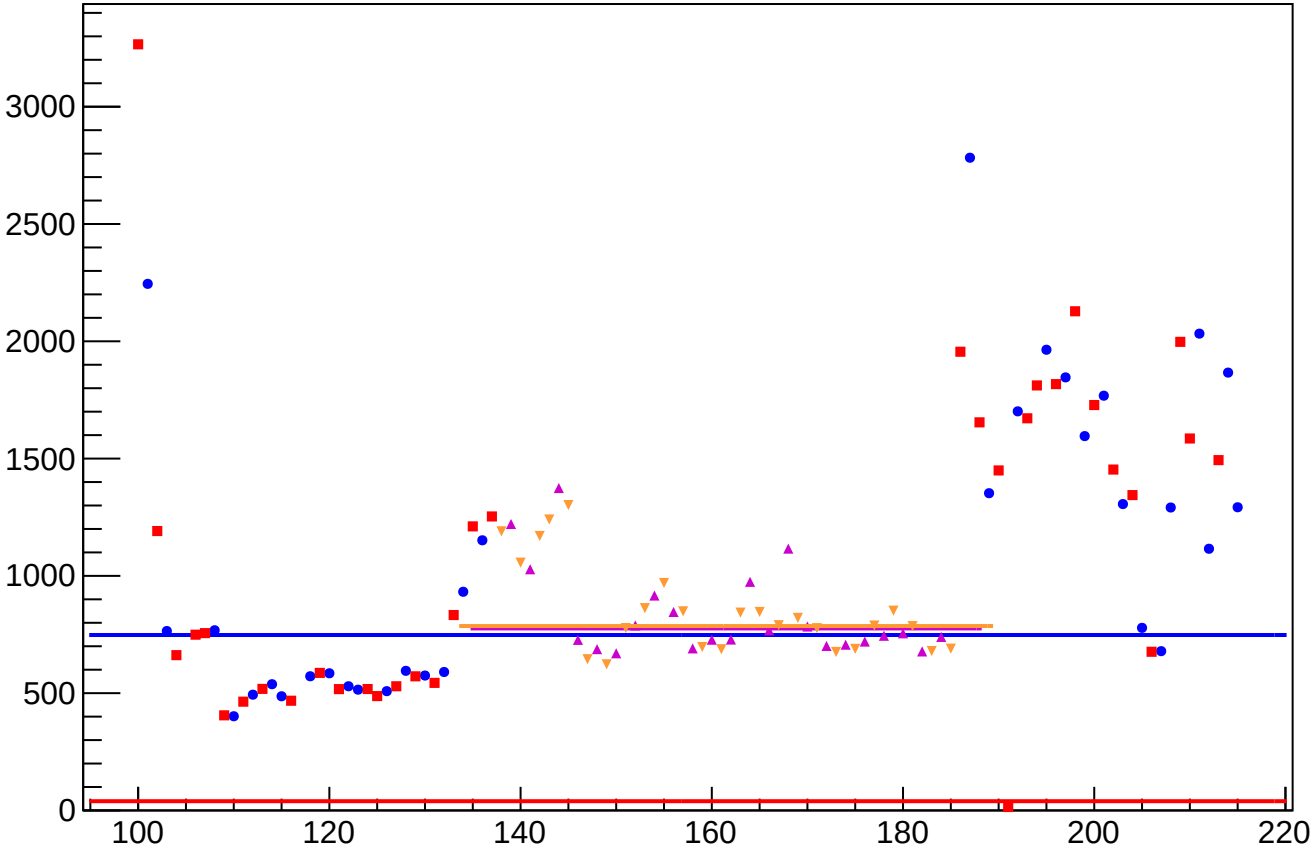
Left In: -49.244+/-189.190 χ^2/NDF:13.6/22

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

All: 13.273+/-35.809 χ^2/NDF: 188.0/113

- sign 52.665+/-37.070 χ^2/NDF: 67.7/56

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

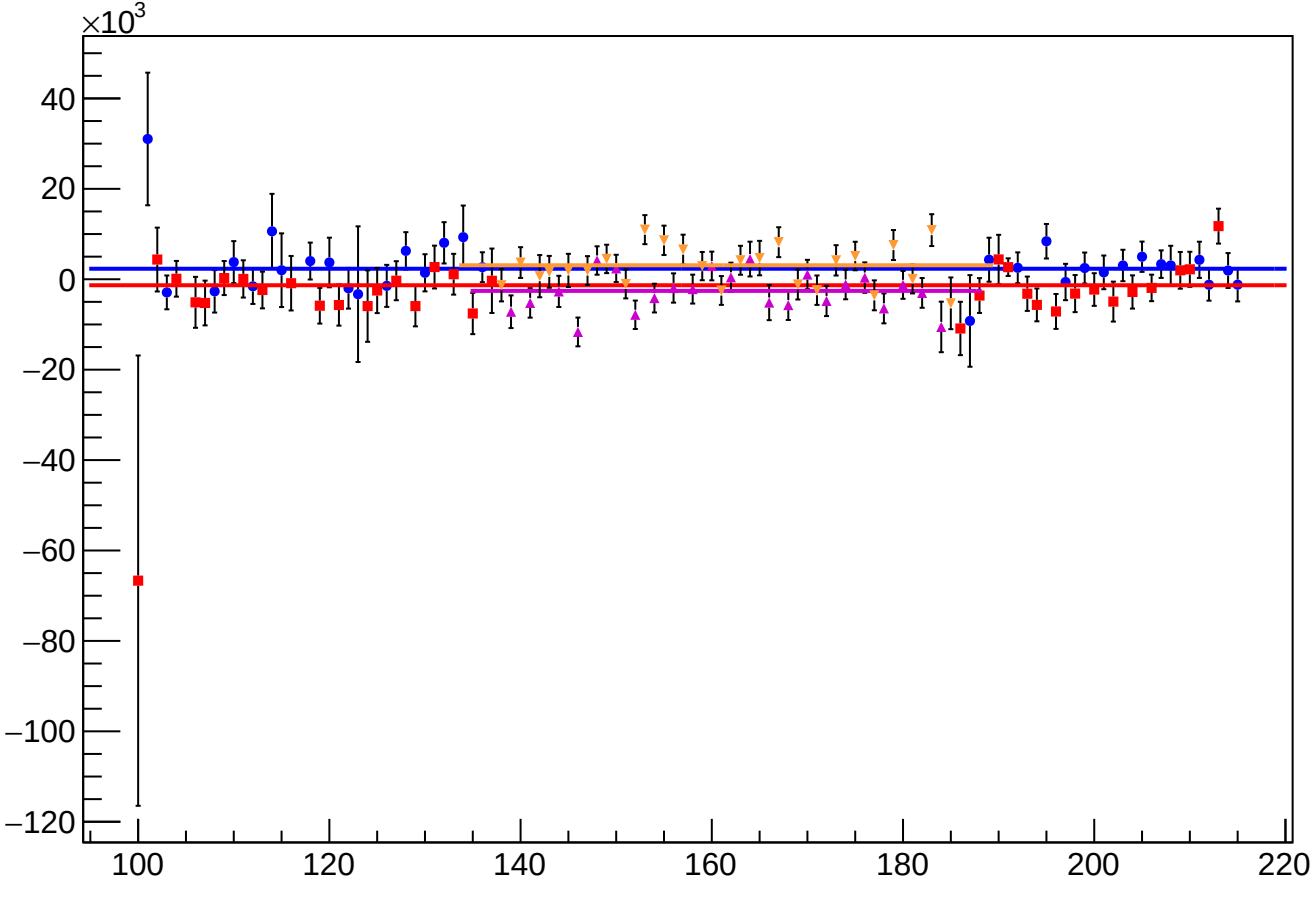
Right Out: 39.469+/-0.027 χ^2/NDF: 30838728.6/33

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

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

All: 114.610+/-0.025 χ^2/NDF: 117452633.8/1

- sign 67.744+/-0.026 χ^2/NDF: 61038336.3/56



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: -1324.805+/-709.806 χ^2/NDF: 36.9/33

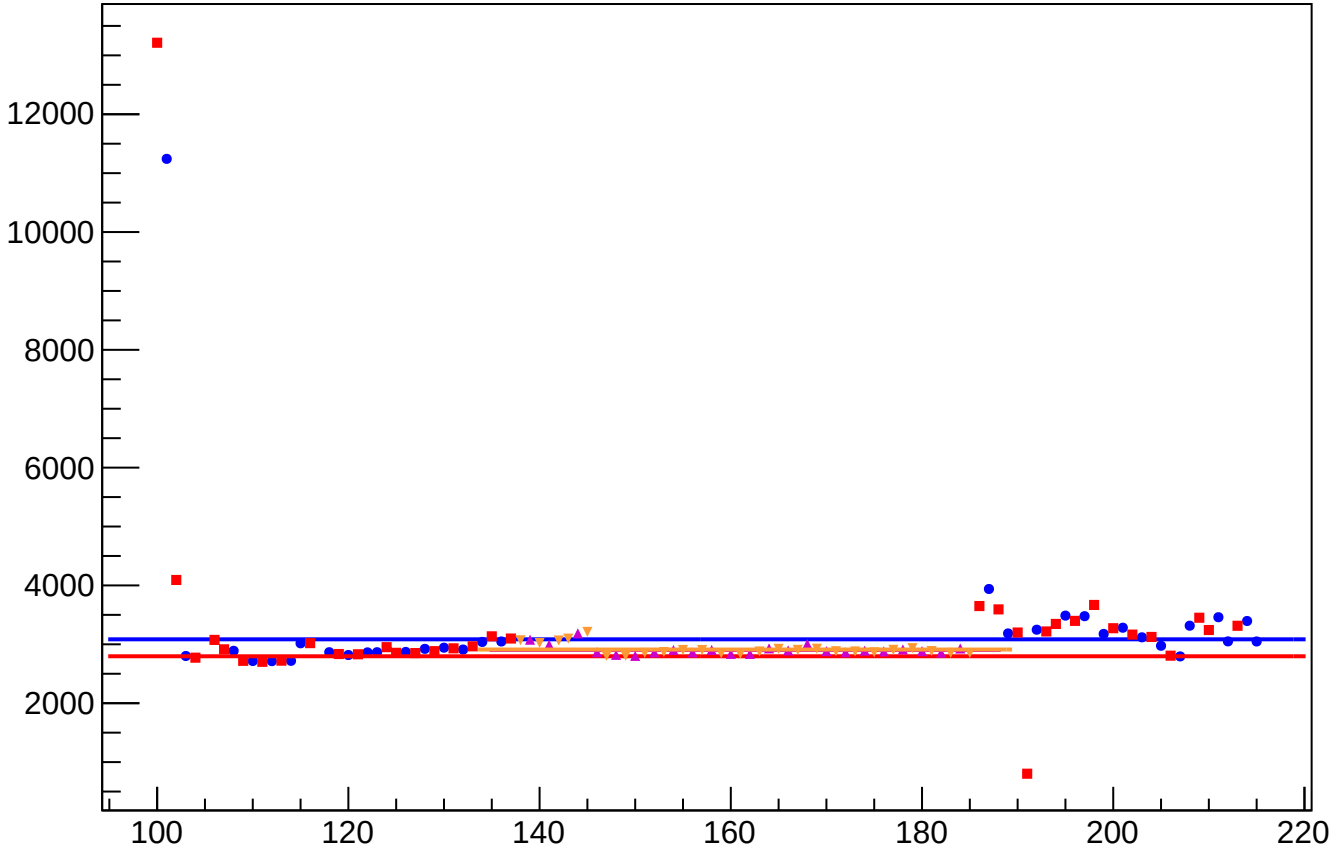
Left In: -2573.184+/-695.795 χ^2/NDF:35.7/22

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

All: 363.376+/-353.612 χ^2/NDF: 179.9/113

- sign -1961.438+/-496.881 χ^2/NDF: 74.2/56

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: 2796.974+/-0.502 χ^2/NDF: 2808394.0/33

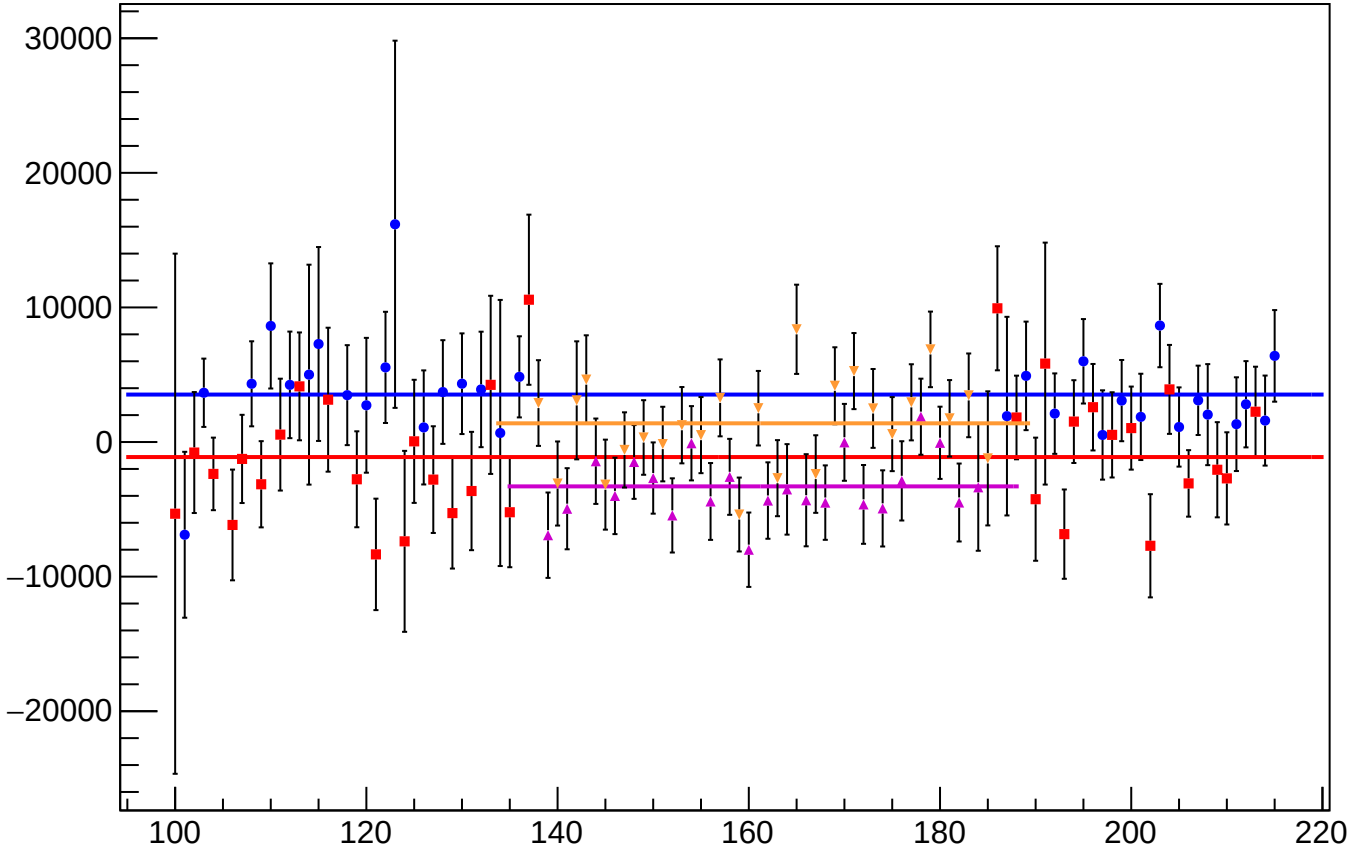
Left In: 2903.411+/-0.492 χ^2/NDF:28838.5/22

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

All: 2919.374+/-0.250 χ^2/NDF: 3853882.0/11

- sign 2851.253+/-0.351 χ^2/NDF: 2860166.3/56

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: -1116.649+/-649.458 χ^2/NDF: 36.2/33

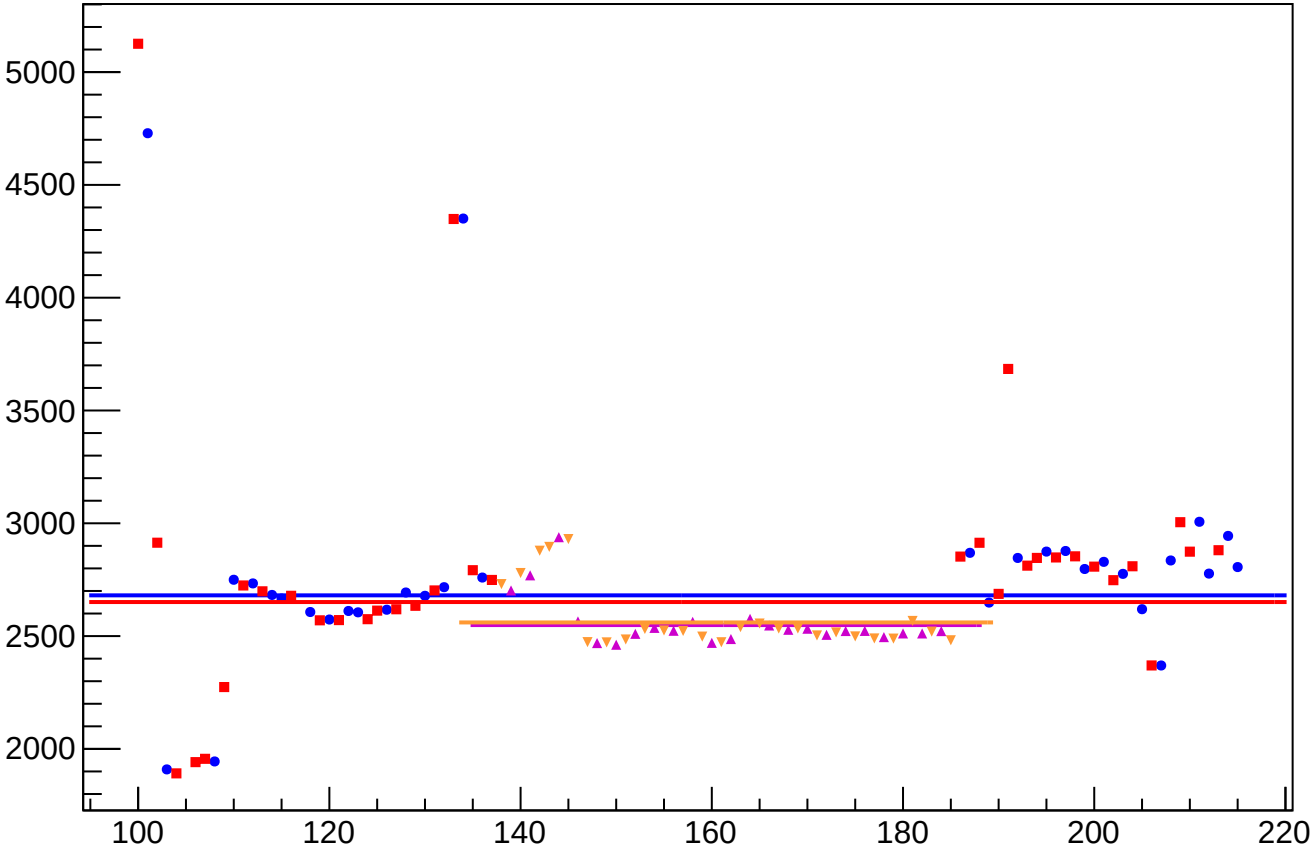
Left In: -3295.367+/-609.991 χ^2/NDF:14.9/22

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

All: 70.946+/-312.674 χ^2/NDF: 160.6/113

- sign -2274.215+/-444.627 χ^2/NDF: 57.1/56

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: 2650.943+/-0.459 χ^2/NDF: 661838.5/33

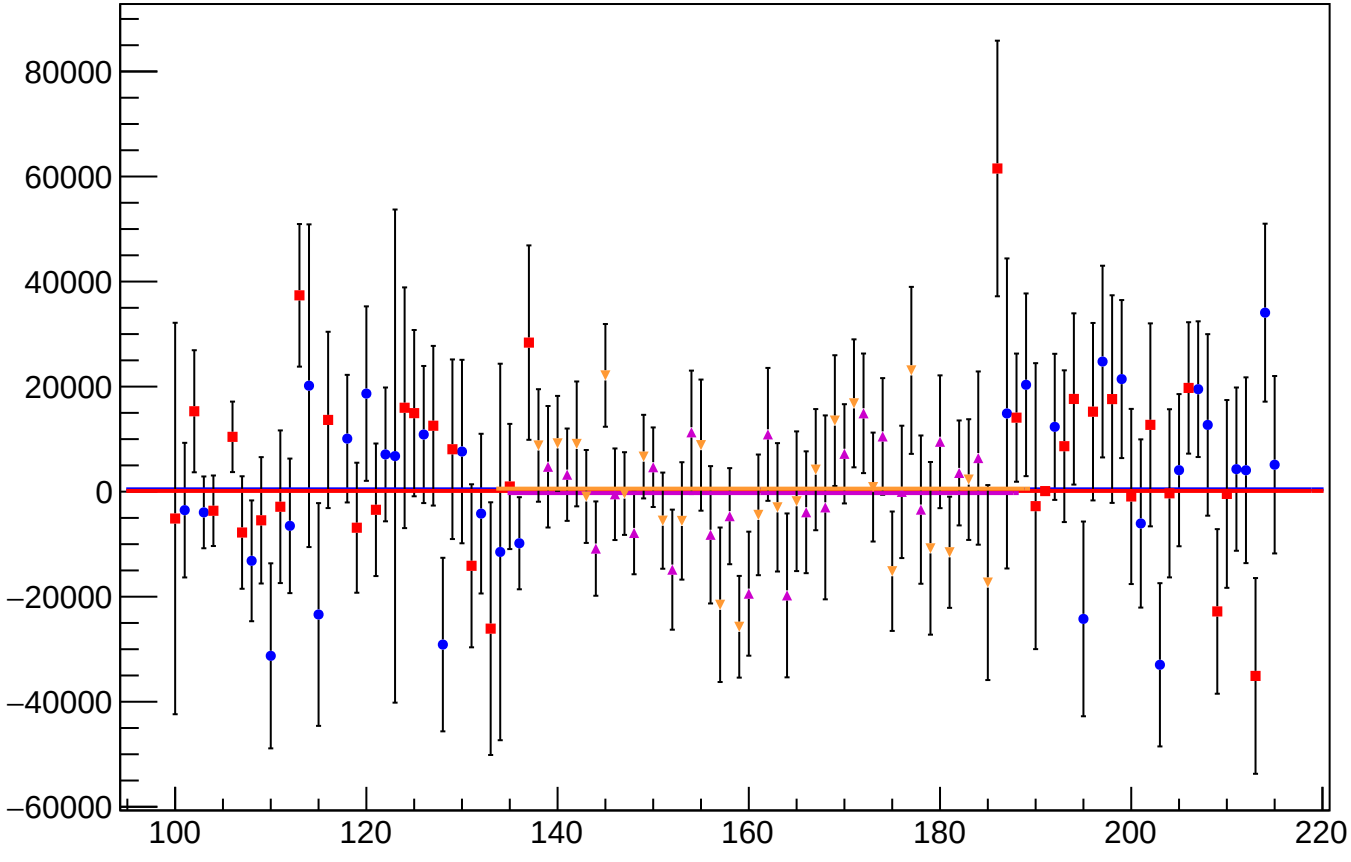
Left In: 2548.870+/-0.431 χ^2/NDF:55266.2/22

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

All: 2606.127+/-0.221 χ^2/NDF: 1544844.1/11

- sign 2596.711+/-0.314 χ^2/NDF: 743352.5/56

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: 138.293+/-194.905 χ^2/NDF: 39.8/33

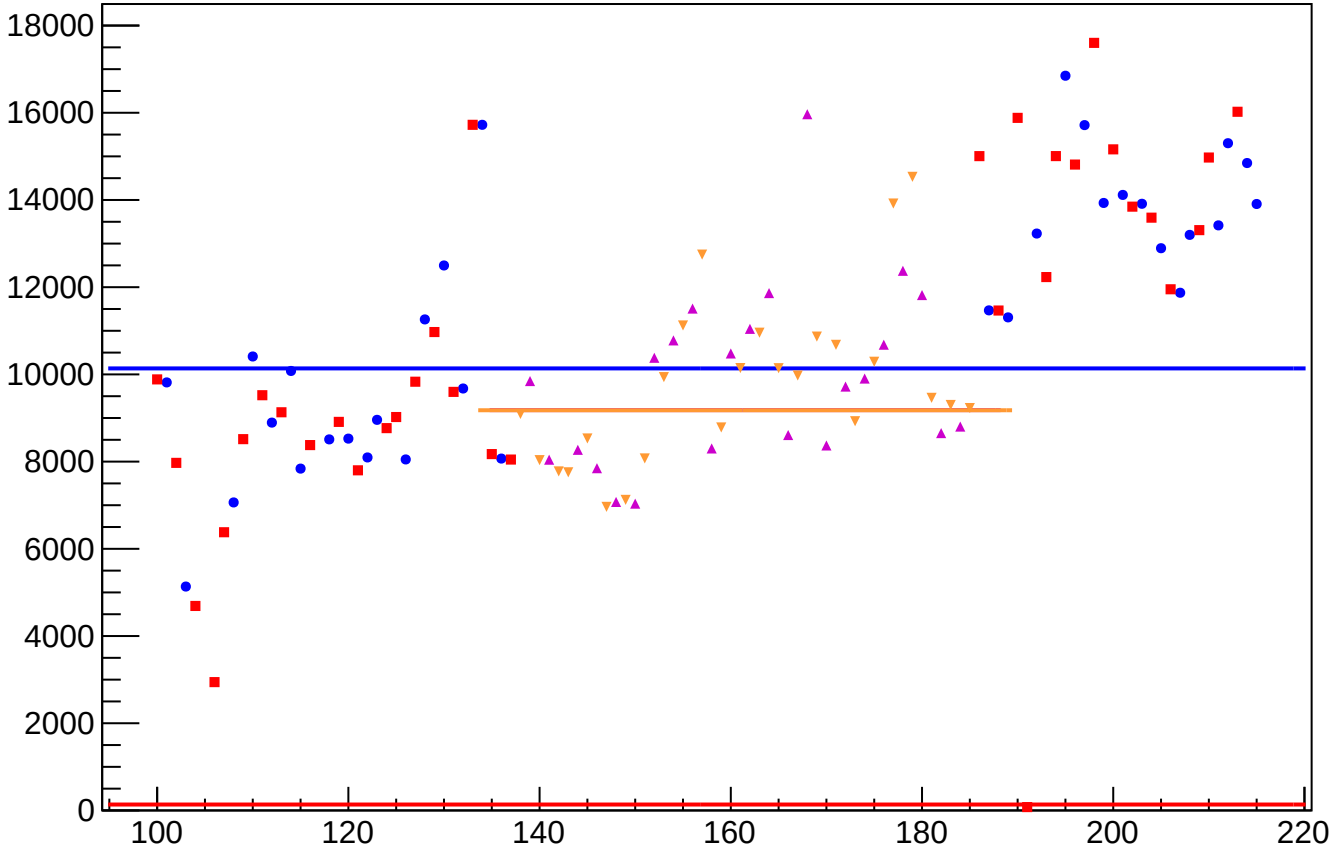
Left In: -275.116+/-2242.836 χ^2/NDF:15.7/22

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

All: 140.323+/-192.863 χ^2/NDF: 118.0/113

- sign 135.194+/-194.174 χ^2/NDF: 55.5/56

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: 136.036+/-0.138 χ^2/NDF: 32825558.1/33

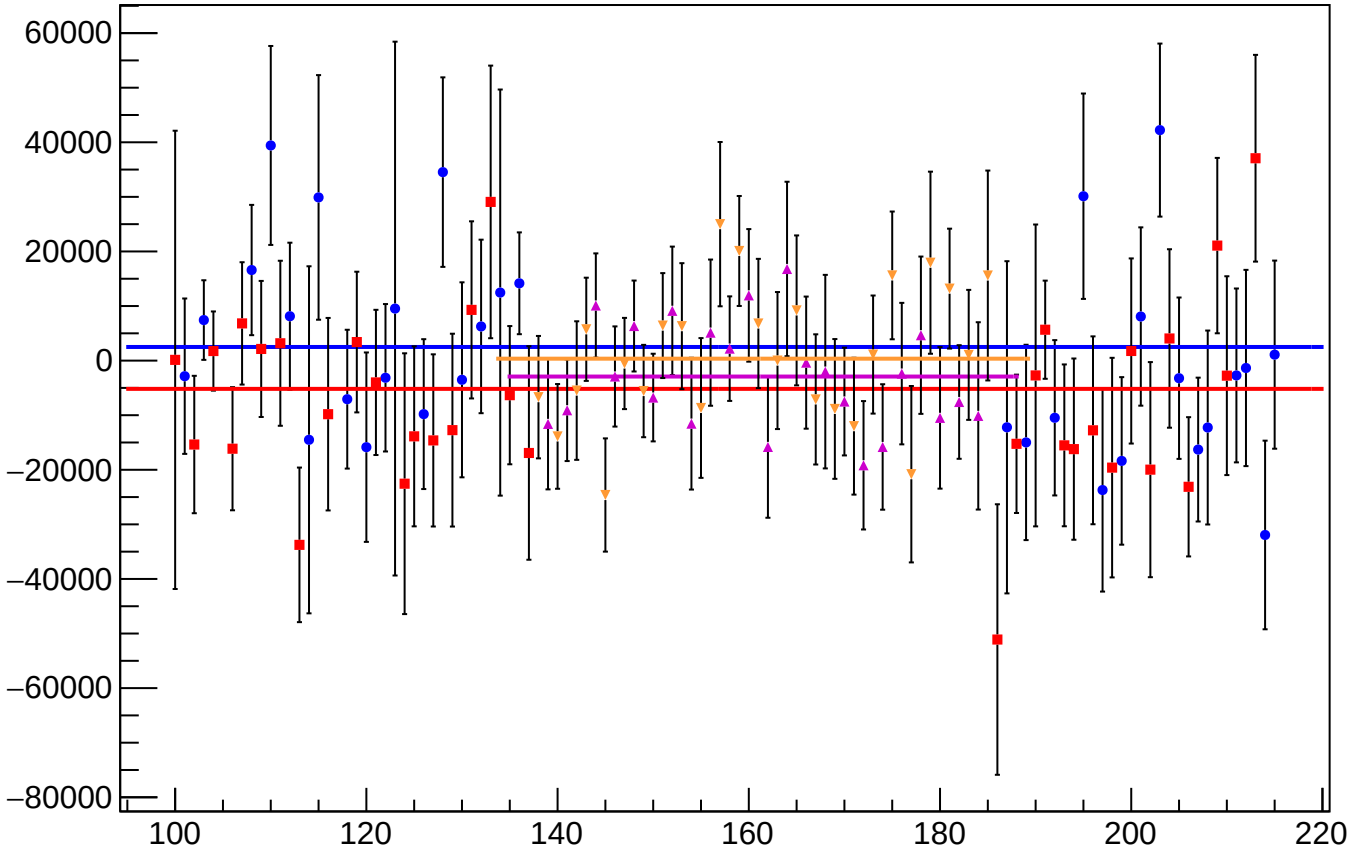
Left In: 9181.254+/-1.586 χ^2/NDF:1236469.7/22

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

All: 329.961+/-0.136 χ^2/NDF: 133665230.5/1

- sign 203.832+/-0.137 χ^2/NDF: 66347382.3/56

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: -5175.602+/-2496.242 χ^2/NDF: 31.2/33

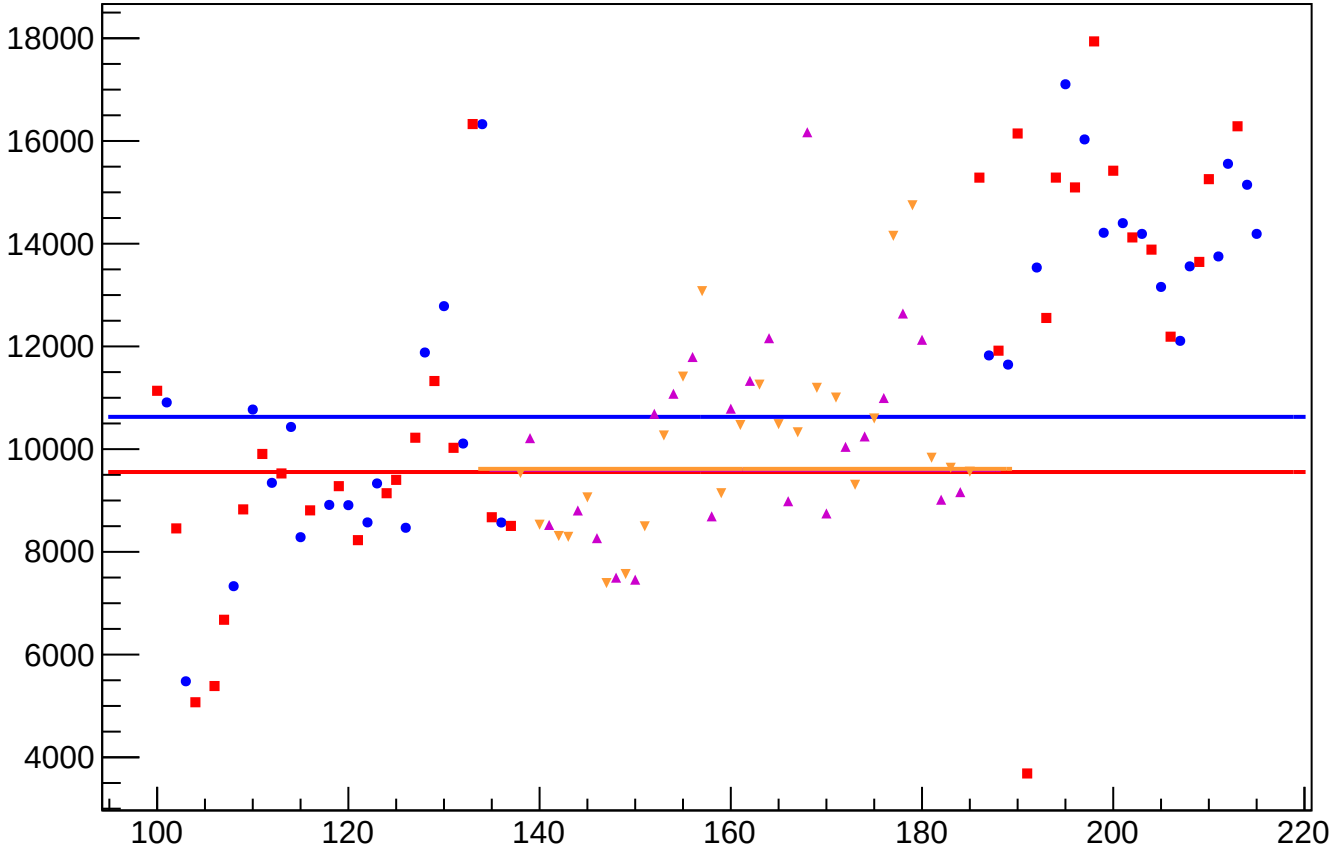
Left In: -2918.356+/-2338.461 χ^2/NDF:14.9/22

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

All: -1402.313+/-1217.040 χ^2/NDF: 115.1/11

- sign -3973.392+/-1706.597 χ^2/NDF: 46.5/56

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: 9554.714+/-1.765 χ^2/NDF: 4576371.8/33

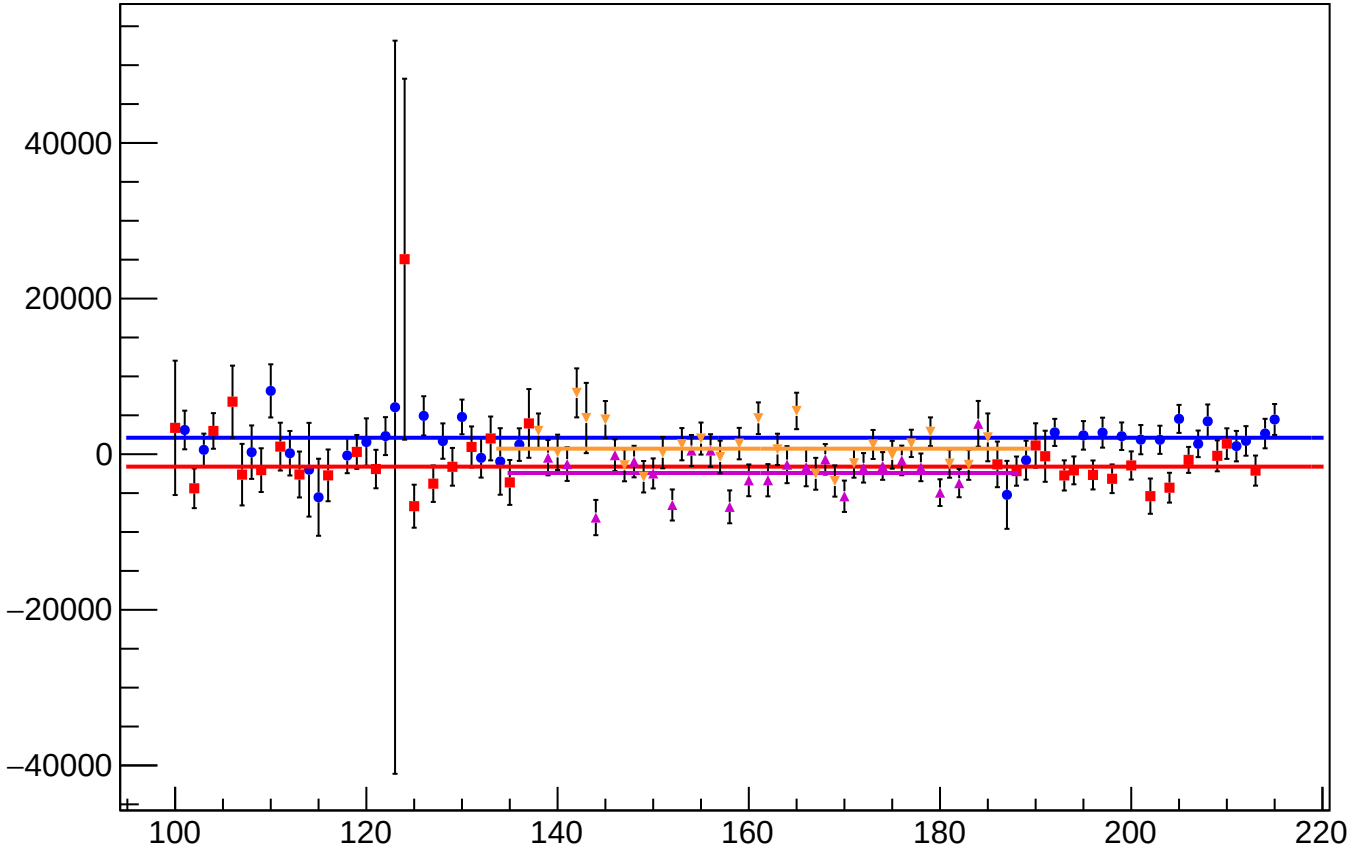
Left In: 9598.531+/-1.654 χ^2/NDF:1082171.6/22

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

All: 9806.260+/-0.861 χ^2/NDF: 9841862.0/11

- sign 9578.050+/-1.207 χ^2/NDF: 5658871.6/56

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: -1597.301+/-411.912 χ^2/NDF: 31.4/33

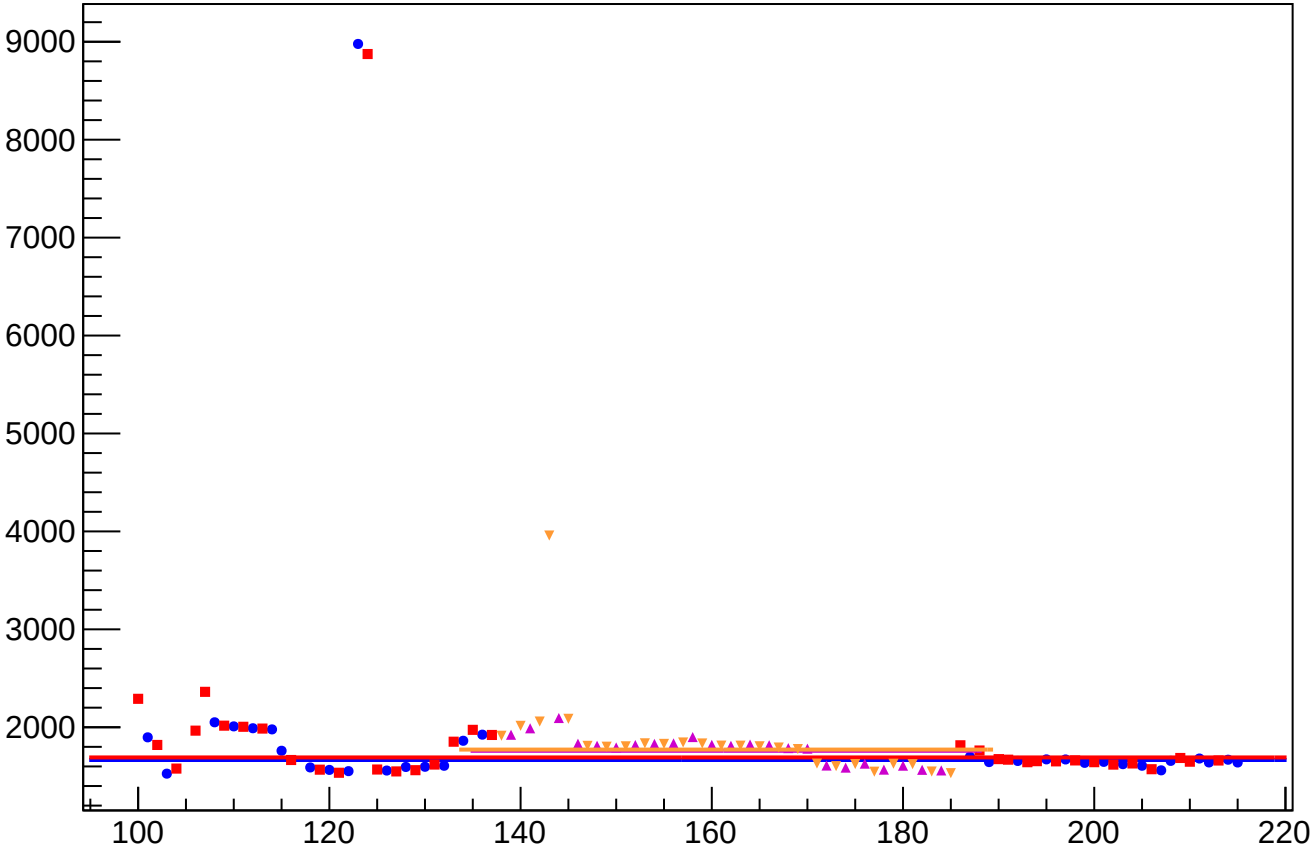
Left In: -2414.749+/-423.472 χ^2/NDF:34.0/22

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

All: -247.094+/-206.840 χ^2/NDF: 199.0/113

- sign -1994.716+/-295.268 χ^2/NDF: 67.3/56

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: 1691.877+/-0.291 χ^2/NDF: 438150.0/33

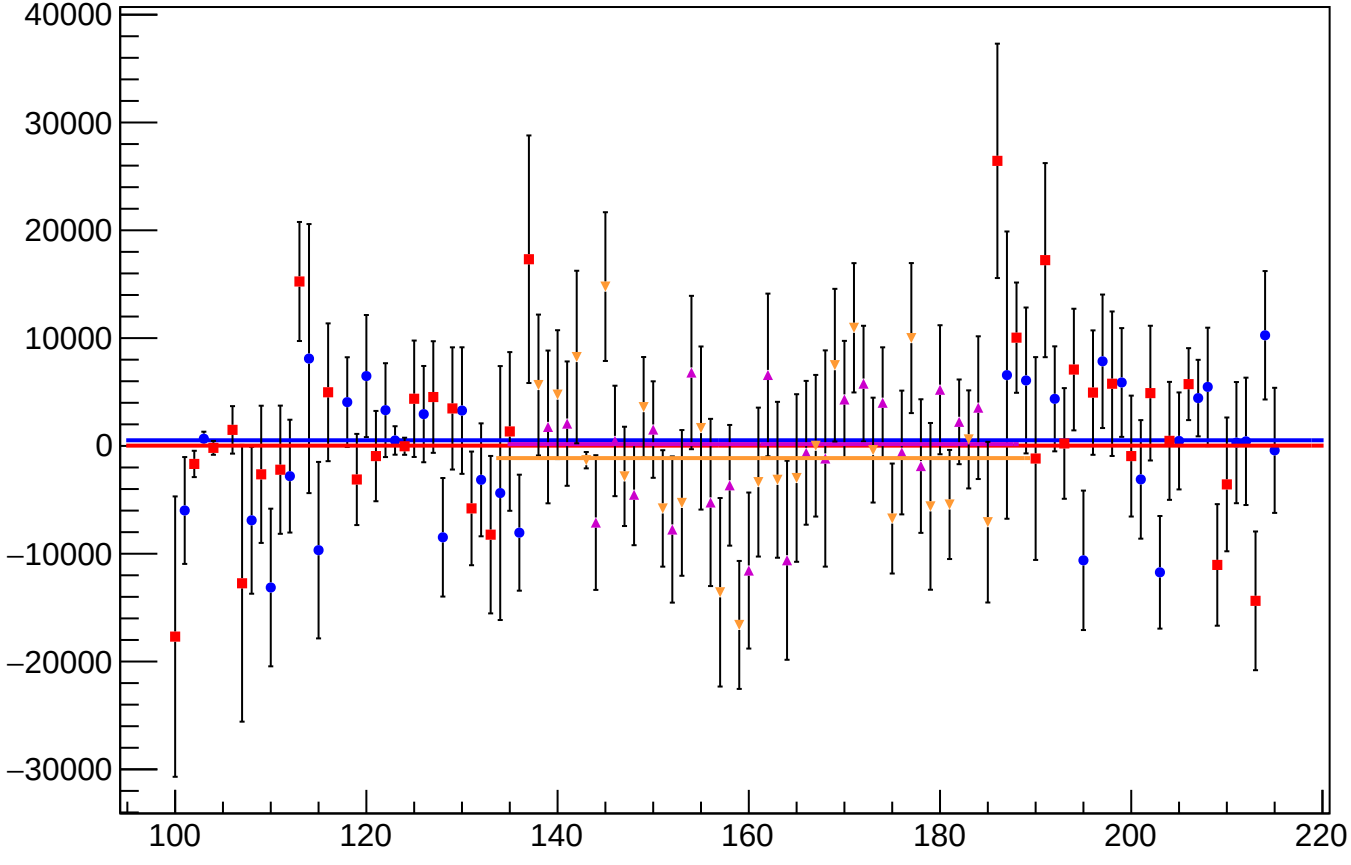
Left In: 1759.600+/-0.299 χ^2/NDF:214891.5/22

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

All: 1720.802+/-0.146 χ^2/NDF: 1666293.5/11

- sign 1724.744+/-0.209 χ^2/NDF: 679367.6/56

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: 26.592+/-416.258 χ^2/NDF: 50.2/33

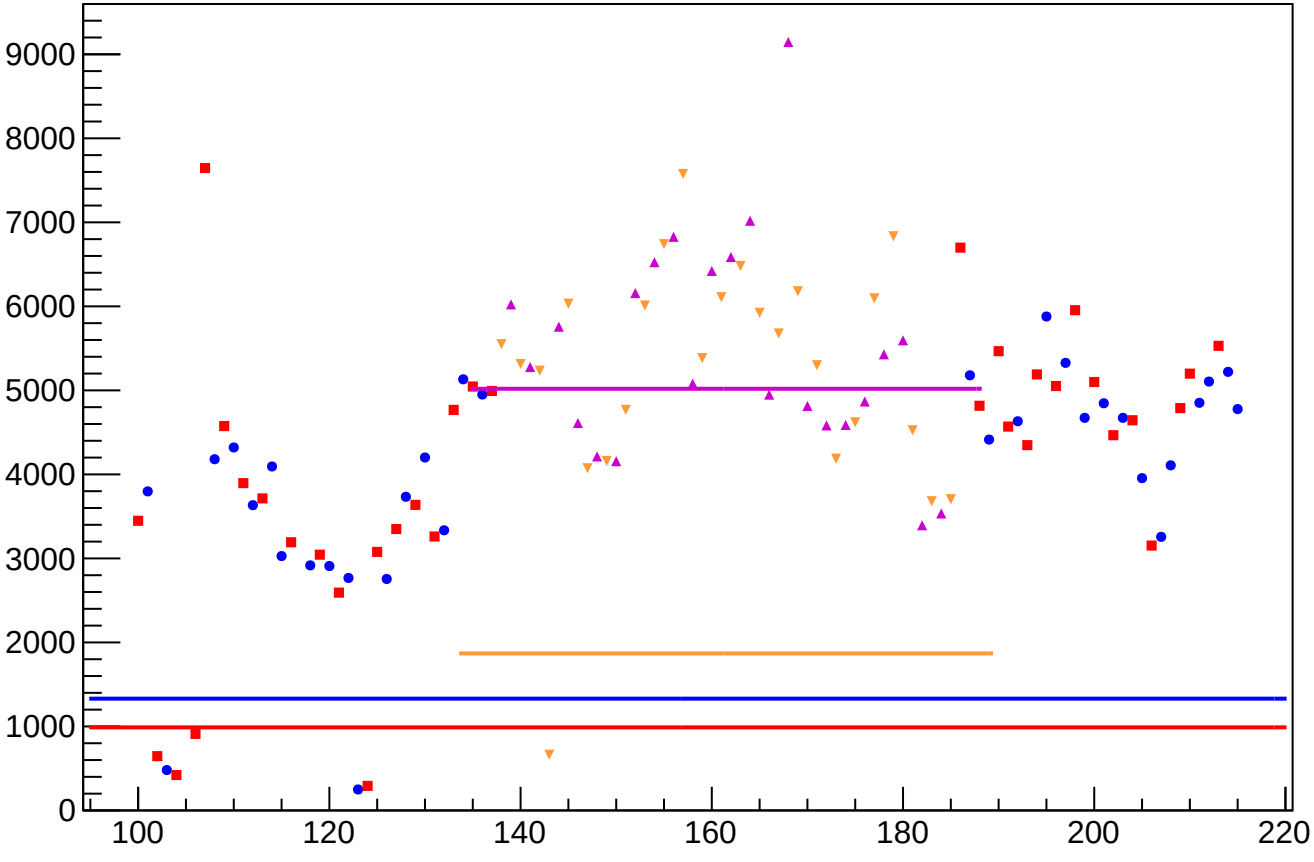
Left In: 168.182+/-1232.411 χ^2/NDF:14.2/22

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

All: -29.129+/-280.123 χ^2/NDF: 135.1/113

- sign 41.091+/-394.370 χ^2/NDF: 64.4/56

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: 988.880+/-0.294 χ^2/NDF: 22139677.9/33

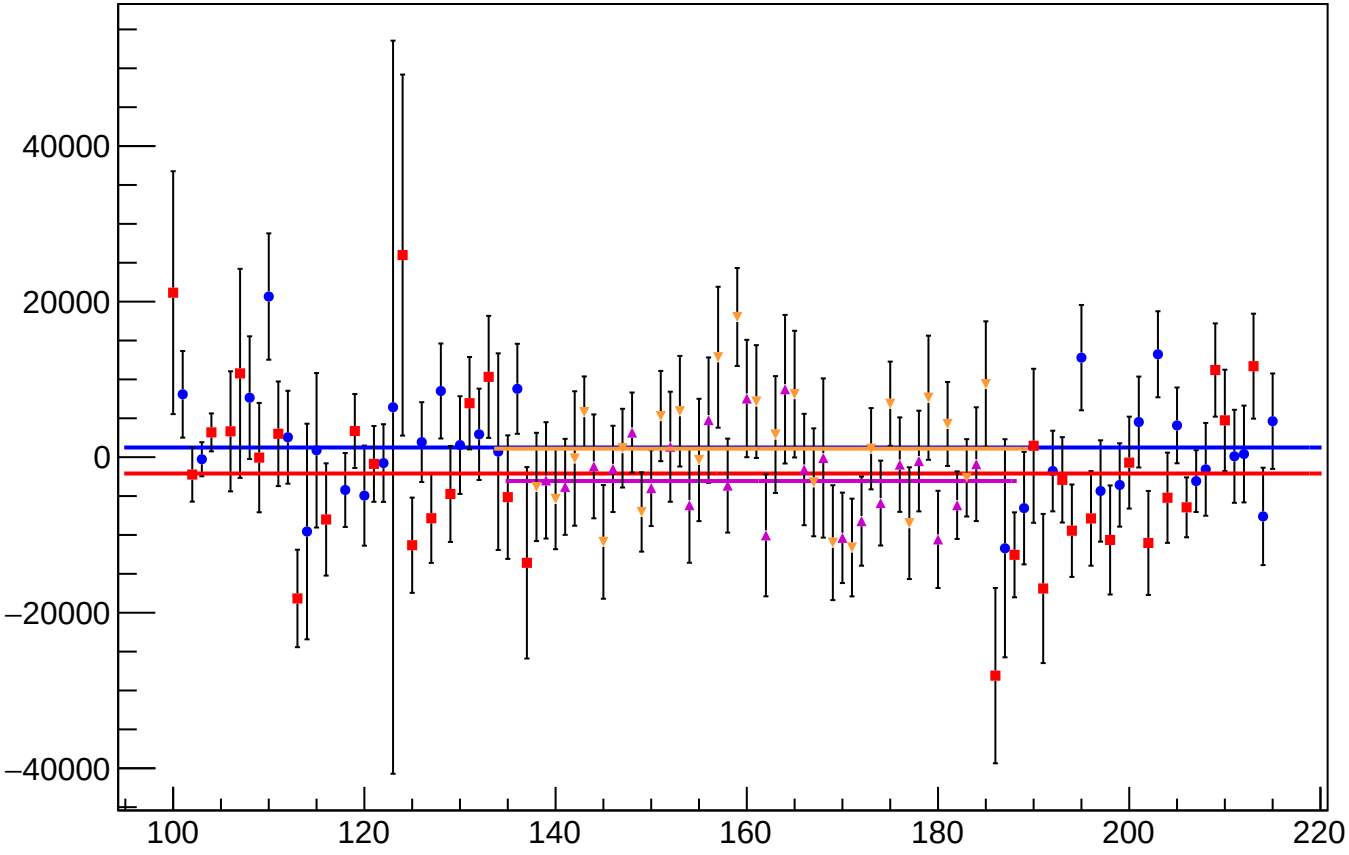
Left In: 5019.114+/-0.871 χ^2/NDF:1569031.9/22

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

All: 1467.170+/-0.198 χ^2/NDF: 84168139.3/1

- sign 1401.573+/-0.279 χ^2/NDF: 42906991.2/56

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: -2100.107+/-1002.365 χ^2/NDF: 57.4/33

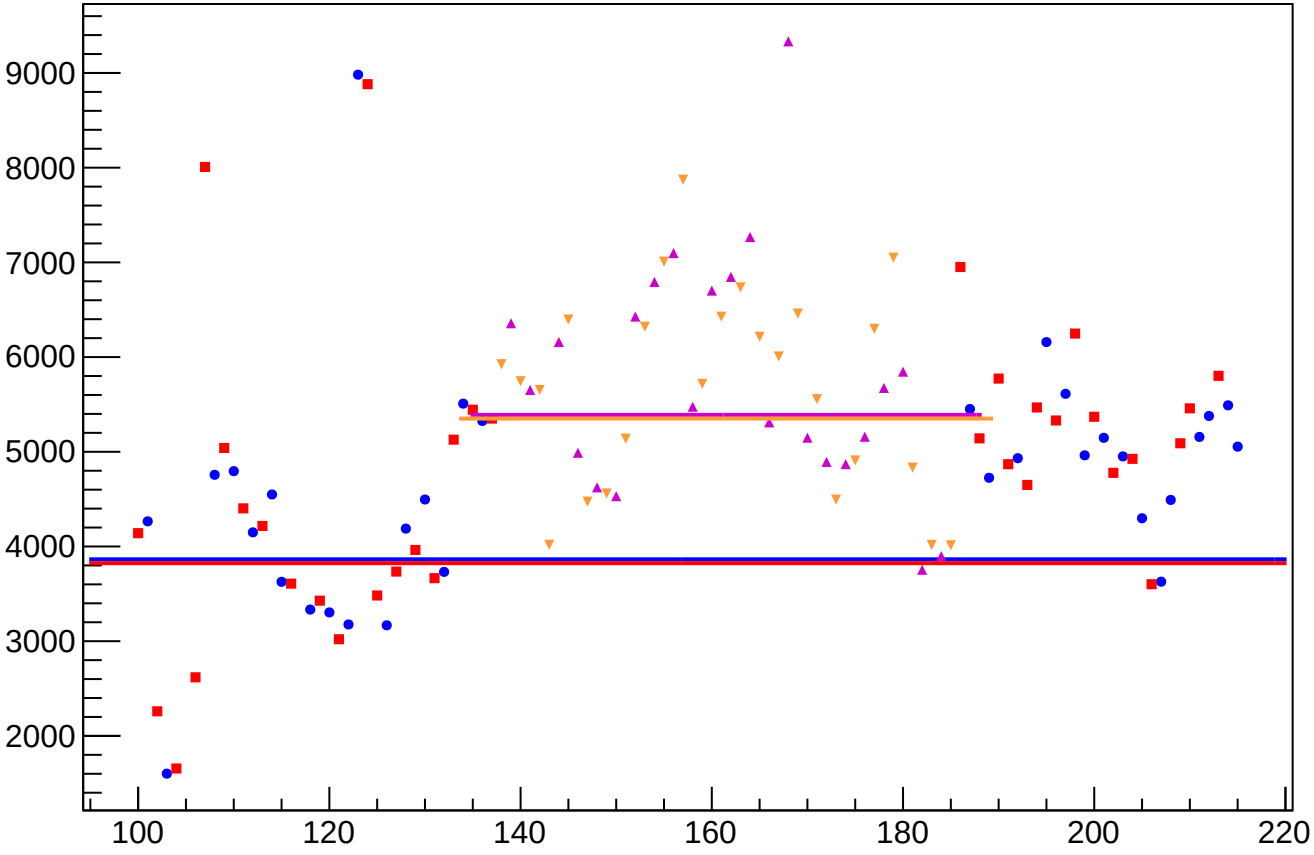
Left In: -3064.775+/-1318.173 χ^2/NDF:12.6/22

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

All: -593.786+/-558.097 χ^2/NDF: 143.5/113

- sign -2453.544+/-797.884 χ^2/NDF: 70.4/56

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: 3823.701+/-0.702 χ^2/NDF: 4279717.5/33

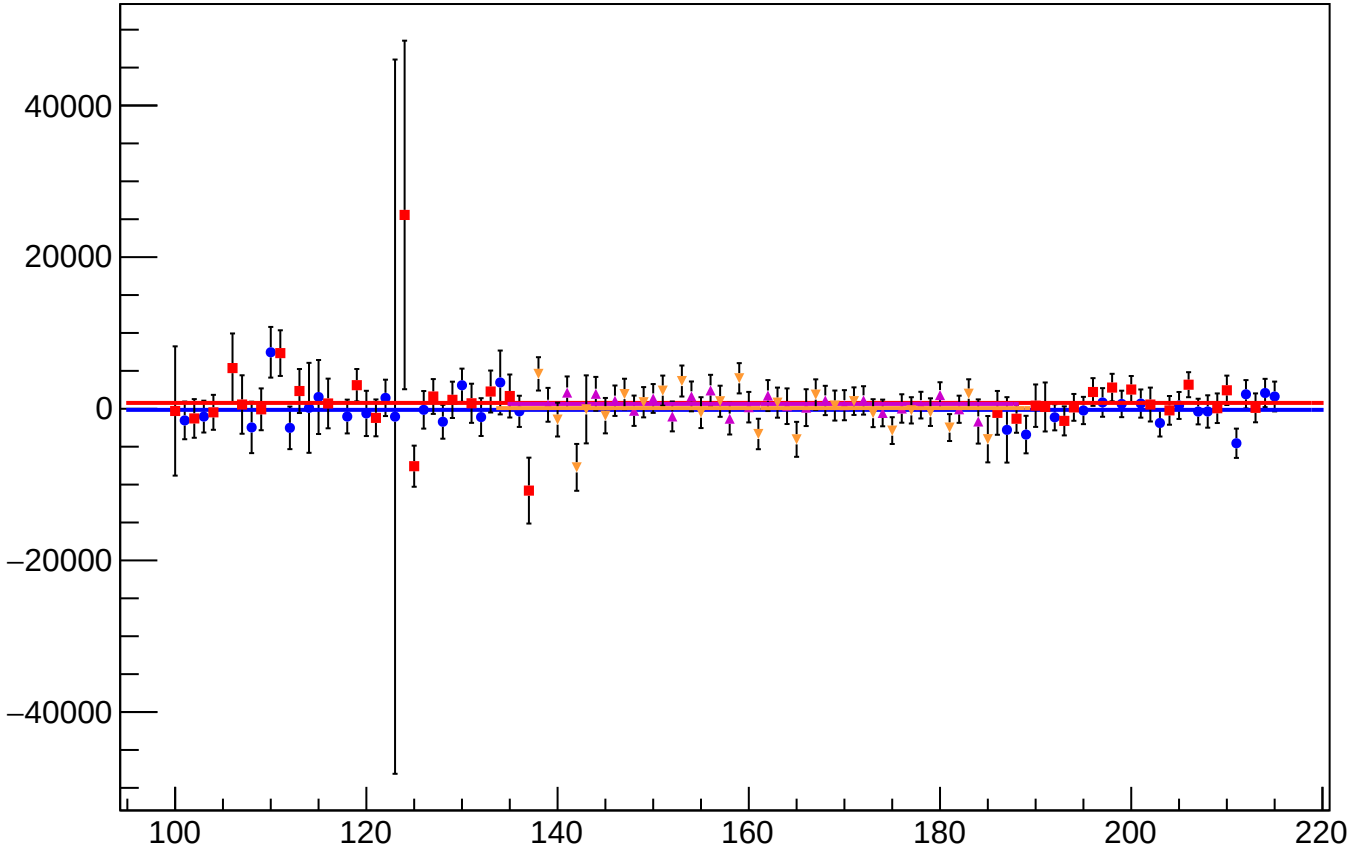
Left In: 5389.724+/-0.932 χ^2/NDF:1309863.0/22

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

All: 4407.642+/-0.394 χ^2/NDF: 14108160.3/1

- sign 4391.000+/-0.561 χ^2/NDF: 7389812.6/56

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: 772.357+/-405.923 χ^2/NDF: 36.6/33

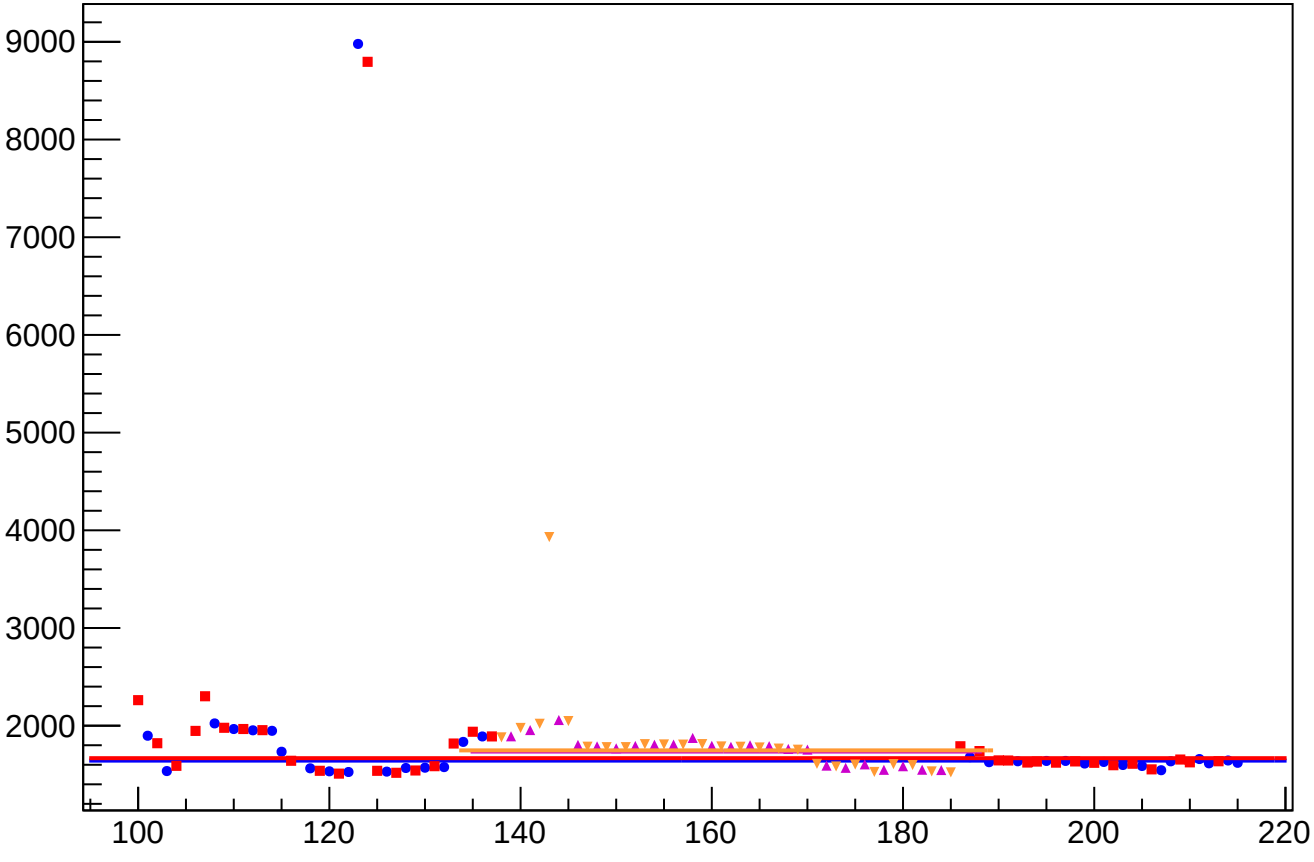
Left In: 640.235+/-417.645 χ^2/NDF:6.2/22

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

All: 330.829+/-203.934 χ^2/NDF: 106.3/113

- sign 708.176+/-291.087 χ^2/NDF: 42.9/56

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: 1667.512+/-0.287 χ^2/NDF: 433910.5/33

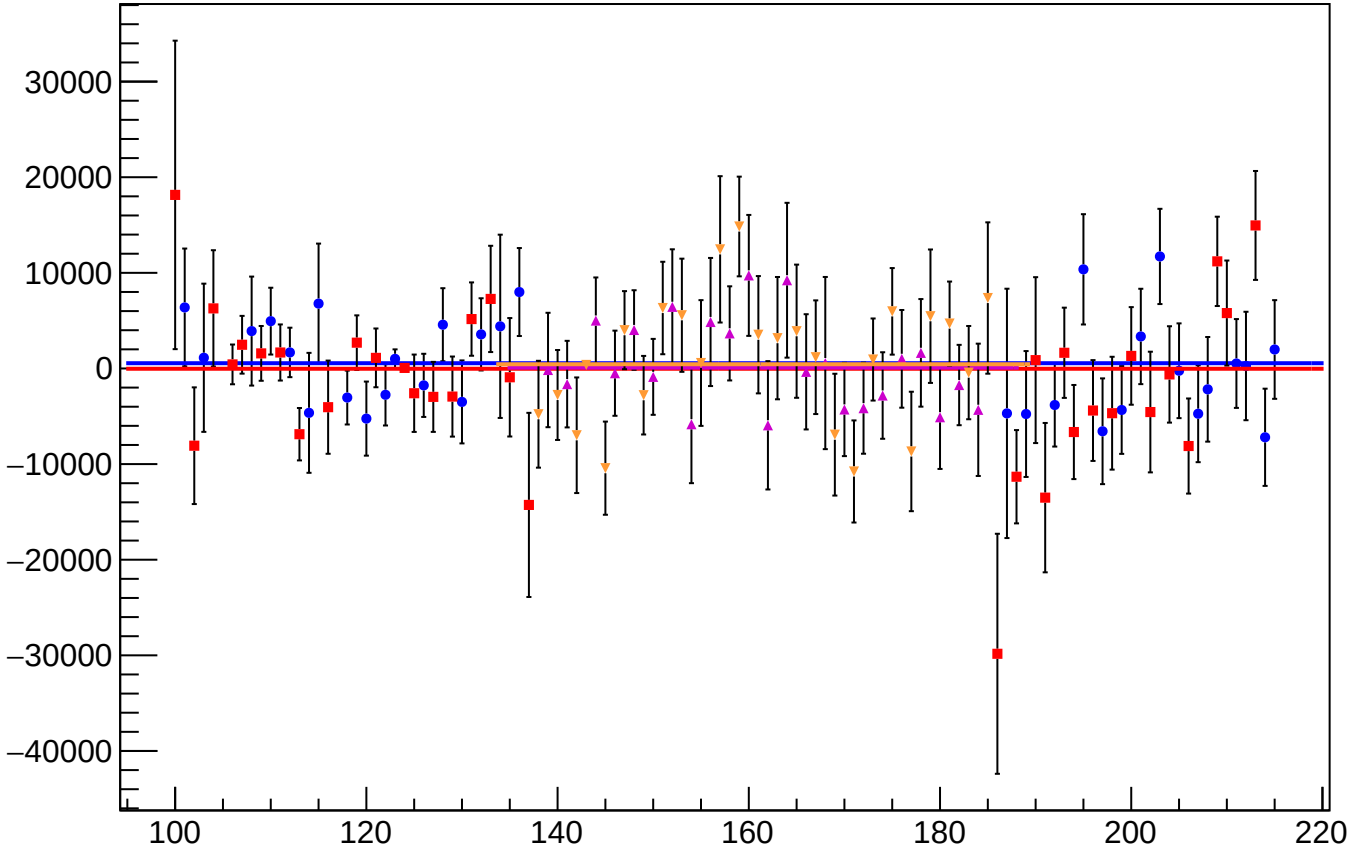
Left In: 1735.540+/-0.295 χ^2/NDF:206766.6/22

+ sign 1693.135+/-0.202 χ^2/NDF: 979012.1/56

All: 1696.754+/-0.144 χ^2/NDF: 1647672.6/11

- sign 1700.502+/-0.206 χ^2/NDF: 668007.5/56

asym_atl_dd_correction_mean vs Slug



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: -29.628+/-346.794 χ^2/NDF: 55.1/33

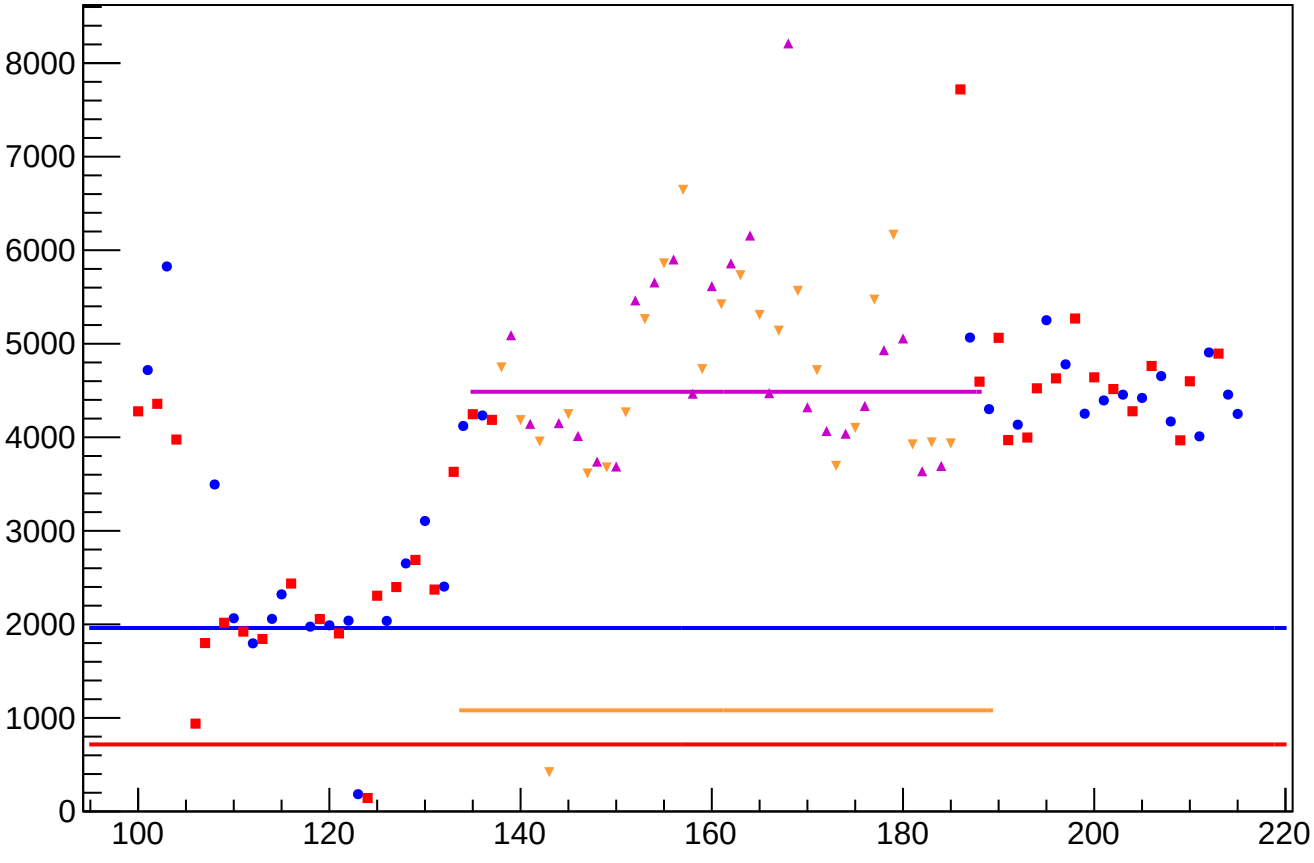
Left In: 88.508+/-1094.838 χ^2/NDF:13.4/22

+ sign 477.660+/-360.410 χ^2/NDF: 66.3/56

All: 208.027+/-243.630 χ^2/NDF: 135.8/113

- sign -18.856+/-330.605 χ^2/NDF: 68.5/56

asym_atl_dd_correction_rms vs Slug



Right In: 1961.371+/-0.444 χ^2/NDF: 14987518.5/31

Left Out: 1081.004+/-0.311 χ^2/NDF:24456244.2/24

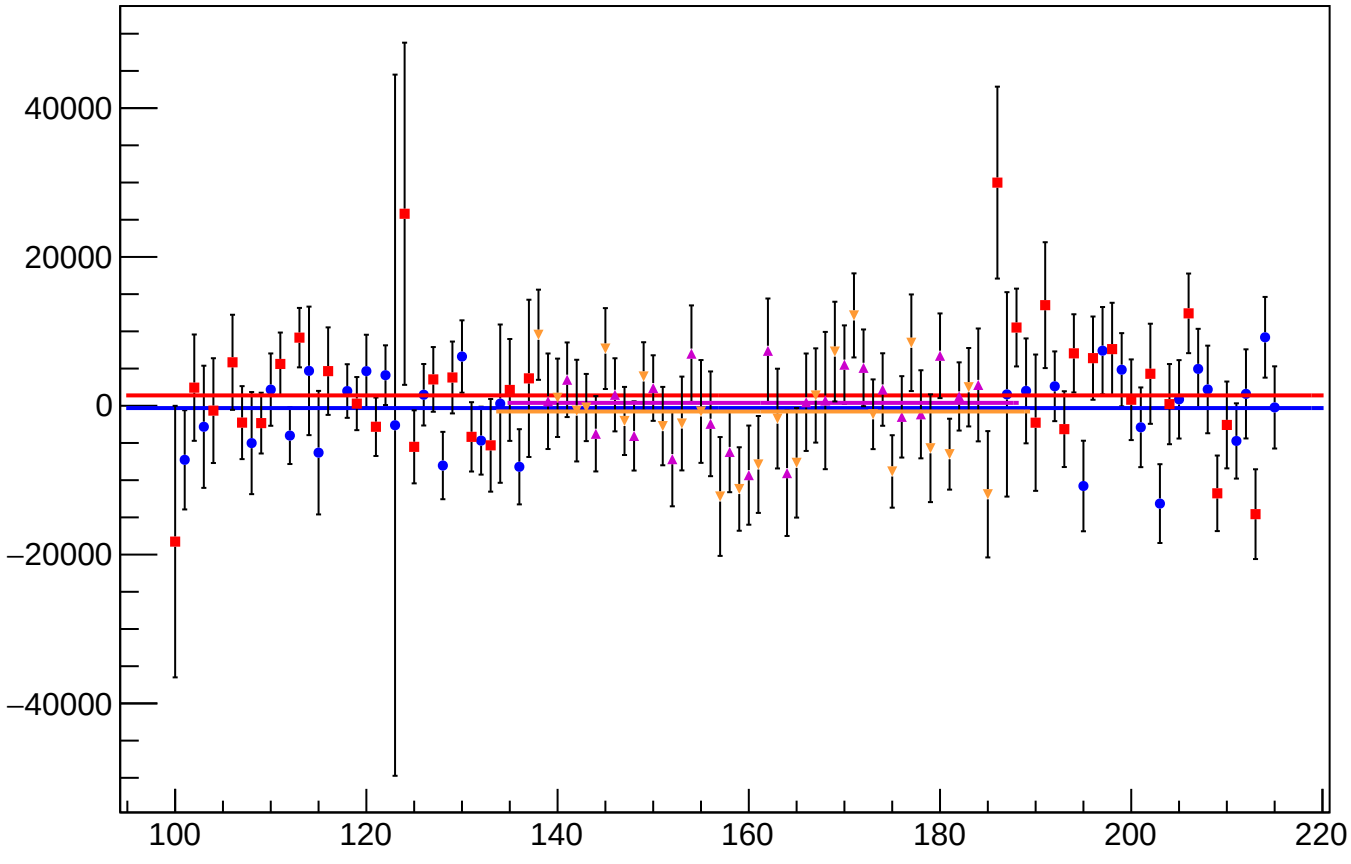
Right Out: 716.720+/-0.245 χ^2/NDF: 25457778.5/33

Left In: 4486.570+/-0.774 χ^2/NDF:1181598.1/22

+ sign 1371.589+/-0.255 χ^2/NDF: 42082536.2/56

All: 1202.636+/-0.172 χ^2/NDF: 91081584.4/1

- sign 1060.471+/-0.234 χ^2/NDF: 48189714.4/56



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: 1392.943+/-943.463 χ^2/NDF: 48.3/33

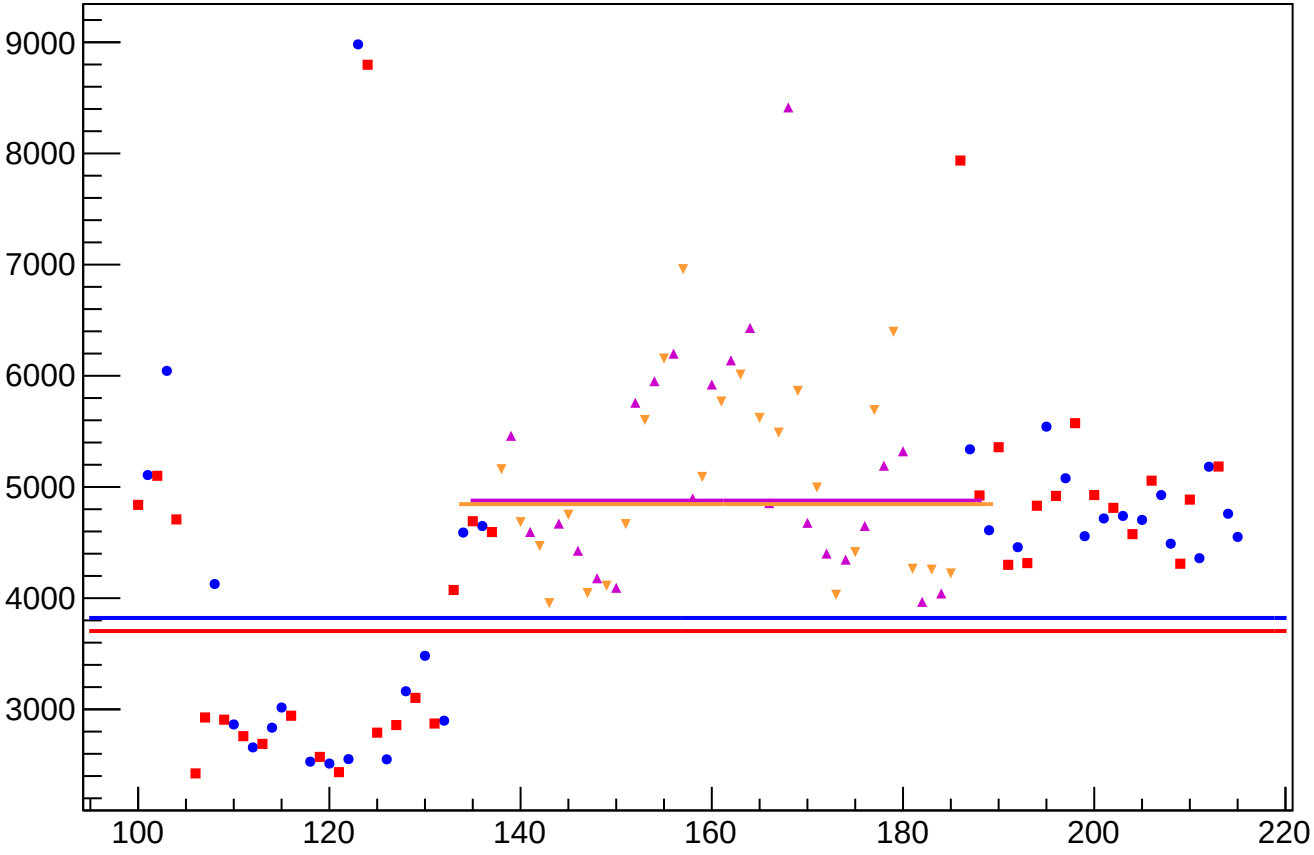
Left In: 388.944+/-1186.300 χ^2/NDF:14.2/22

+ sign -496.626+/-734.060 χ^2/NDF: 62.4/56

All: 249.228+/-520.590 χ^2/NDF: 127.4/113

- sign 1003.951+/-738.411 χ^2/NDF: 62.9/56

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: 3704.298+/-0.662 χ^2/NDF: 2826265.1/33

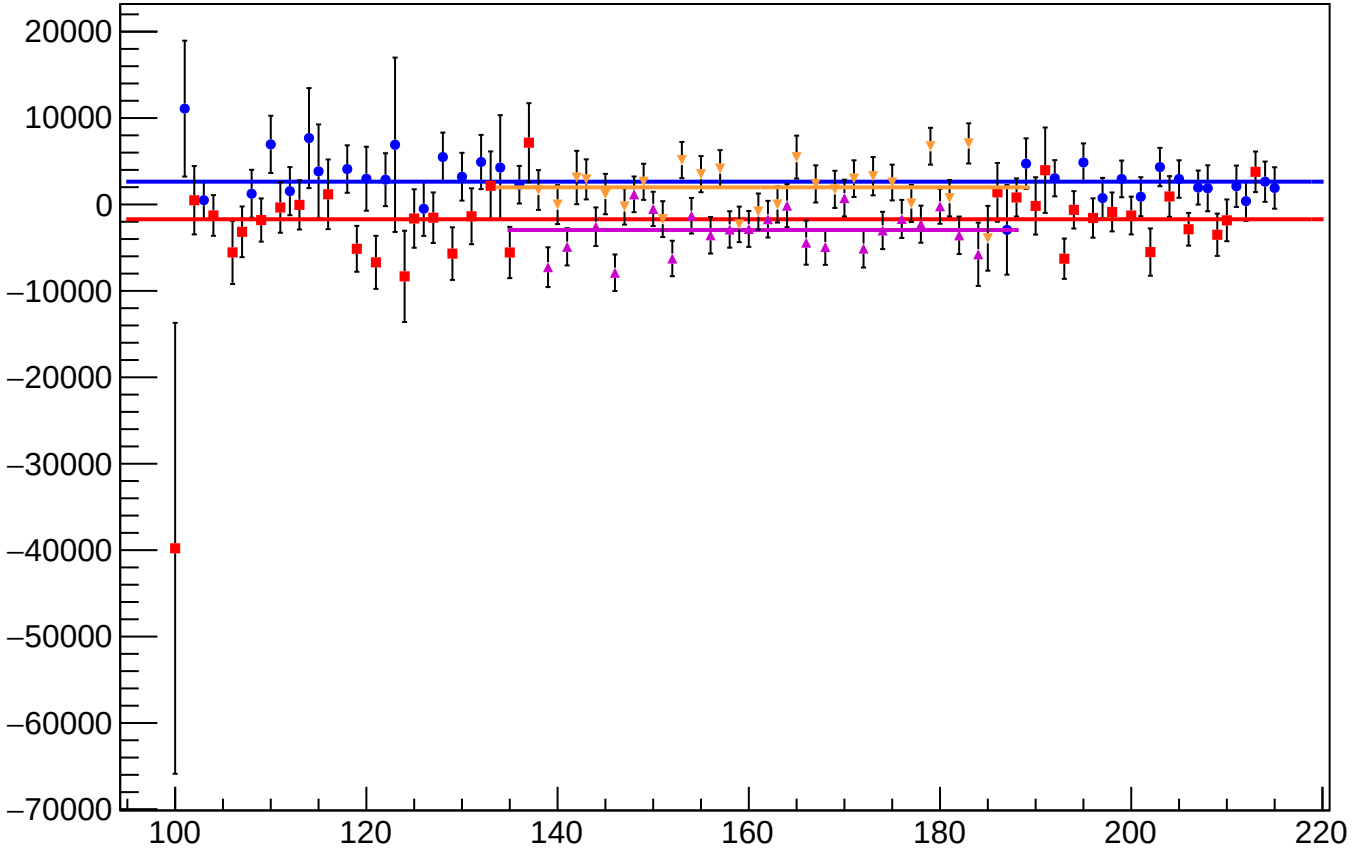
Left In: 4877.456+/-0.839 χ^2/NDF:958623.2/22

+ sign 4241.066+/-0.519 χ^2/NDF: 4280234.2/56

All: 4197.797+/-0.367 χ^2/NDF: 9284479.0/11

- sign 4154.437+/-0.520 χ^2/NDF: 4990332.2/56

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: -1708.868+/-479.557 χ^2/NDF: 36.4/33

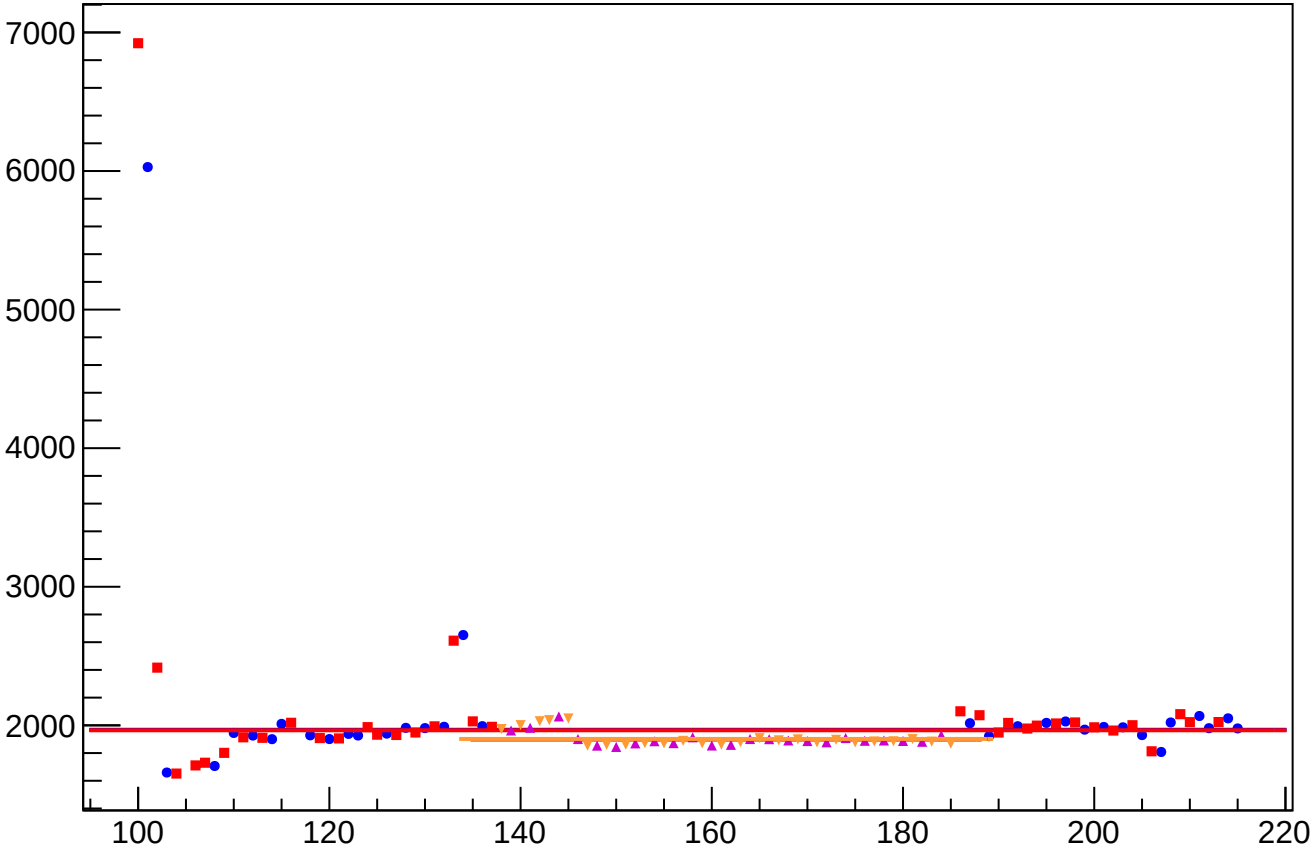
Left In: -2955.900+/-454.551 χ^2/NDF:28.4/22

+ sign 2288.018+/-324.889 χ^2/NDF: 47.5/56

All: -3.234+/-231.483 χ^2/NDF: 216.9/113

- sign -2365.744+/-329.902 χ^2/NDF: 68.4/56

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: 1964.394+/-0.339 χ^2/NDF: 255016.2/33

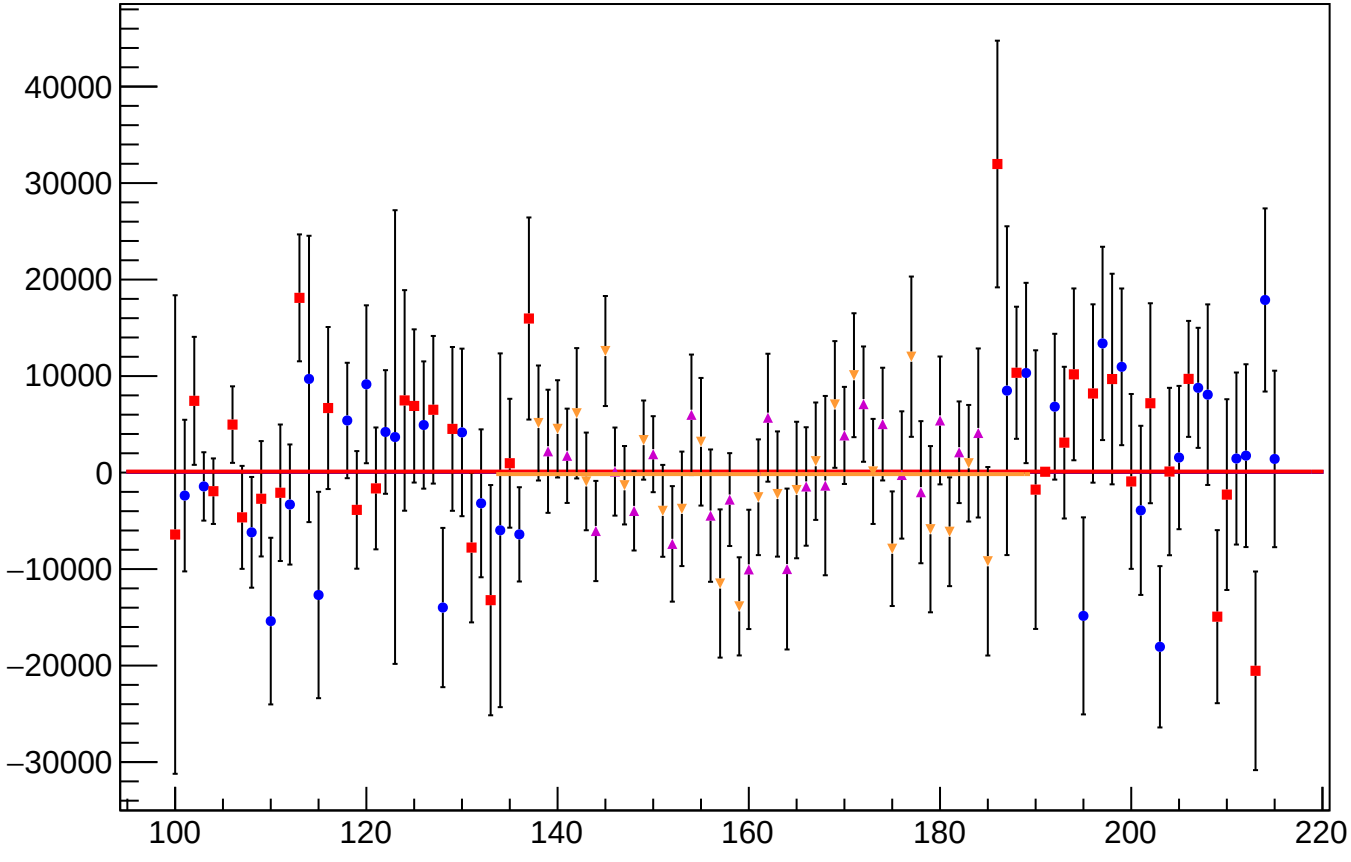
Left In: 1897.456+/-0.321 χ^2/NDF:21180.1/22

+ sign 1932.417+/-0.230 χ^2/NDF: 693433.2/56

All: 1930.816+/-0.164 χ^2/NDF: 990275.1/113

- sign 1929.167+/-0.233 χ^2/NDF: 296743.3/56

asym_atr_avg_correction_mean vs Slug



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: 101.200+/-109.530 χ^2/NDF: 41.0/33

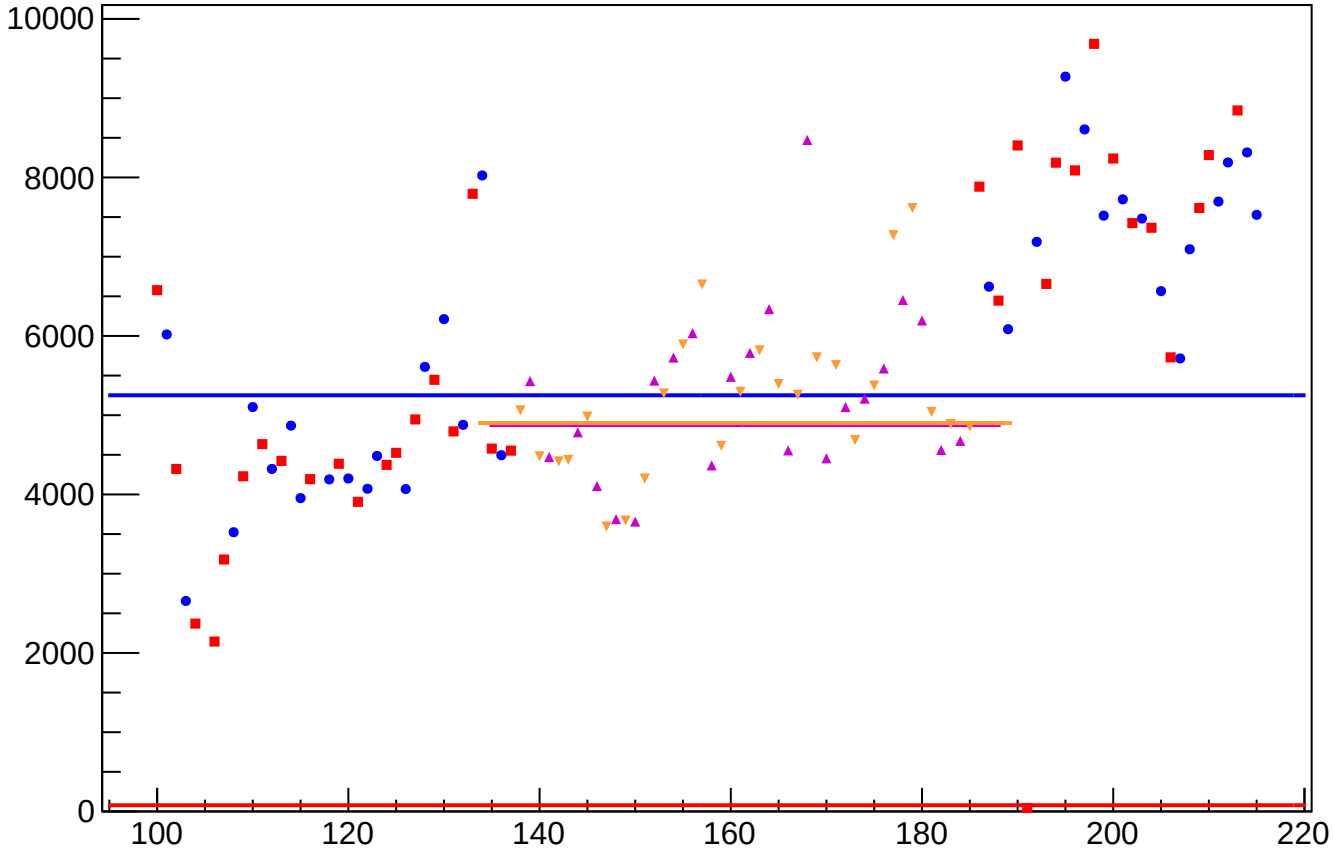
Left In: -139.000+/-1190.889 χ^2/NDF:14.7/22

+ sign -62.200+/-879.388 χ^2/NDF: 63.7/56

All: 96.740+/-108.241 χ^2/NDF: 119.5/113

- sign 99.185+/-109.070 χ^2/NDF: 55.7/56

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: 78.500+/-0.077 χ^2/NDF: 32848518.0/33

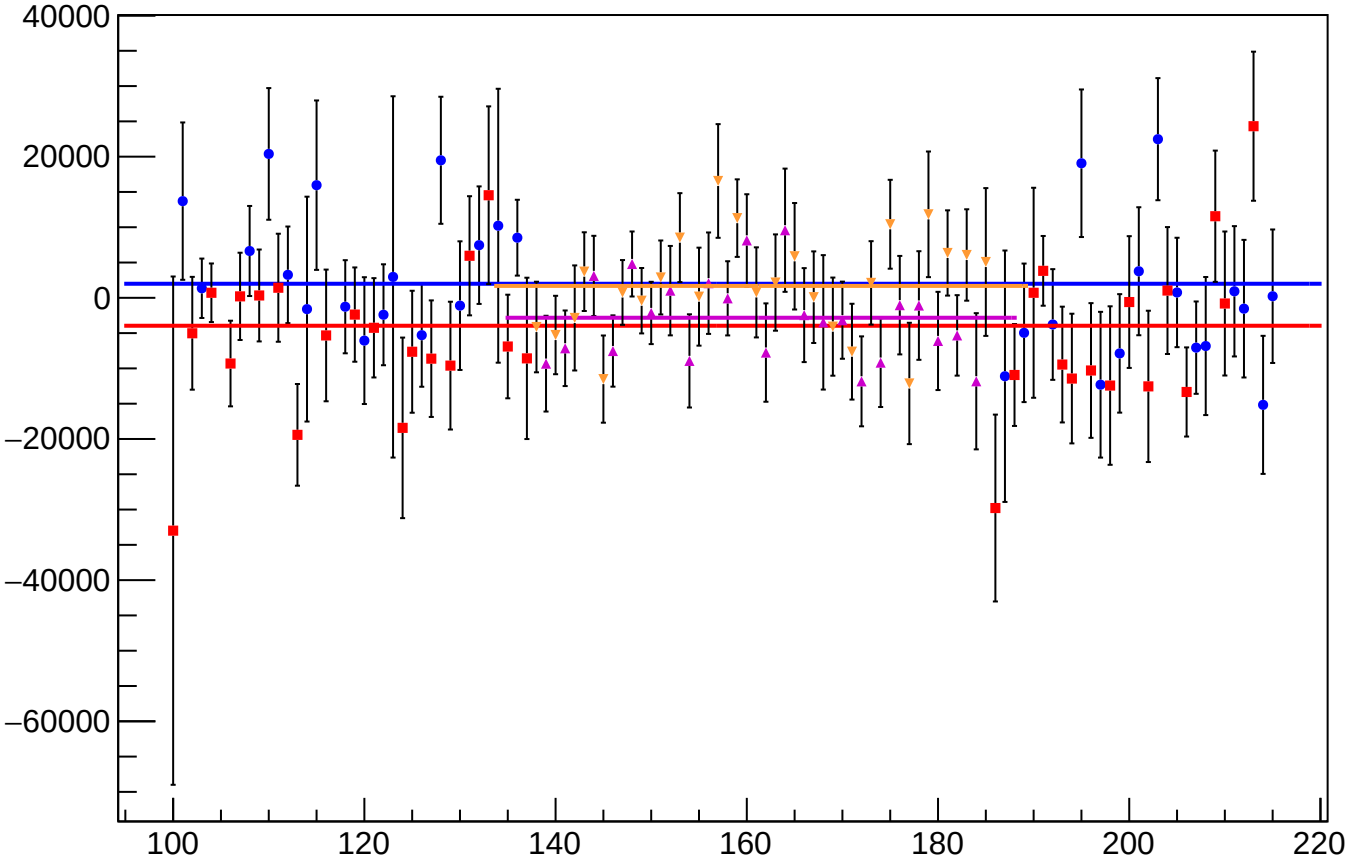
Left In: 4875.112+/-0.842 χ^2/NDF:1229198.0/22

+ sign 5052.151+/-0.622 χ^2/NDF: 4900456.6/56

All: 193.477+/-0.077 χ^2/NDF: 133143451.3/1

- sign 118.734+/-0.077 χ^2/NDF: 66251203.1/56

asym_atr_avg_mean vs Slug



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: -3956.705+/-1362.712 χ^2/NDF: 37.6/33

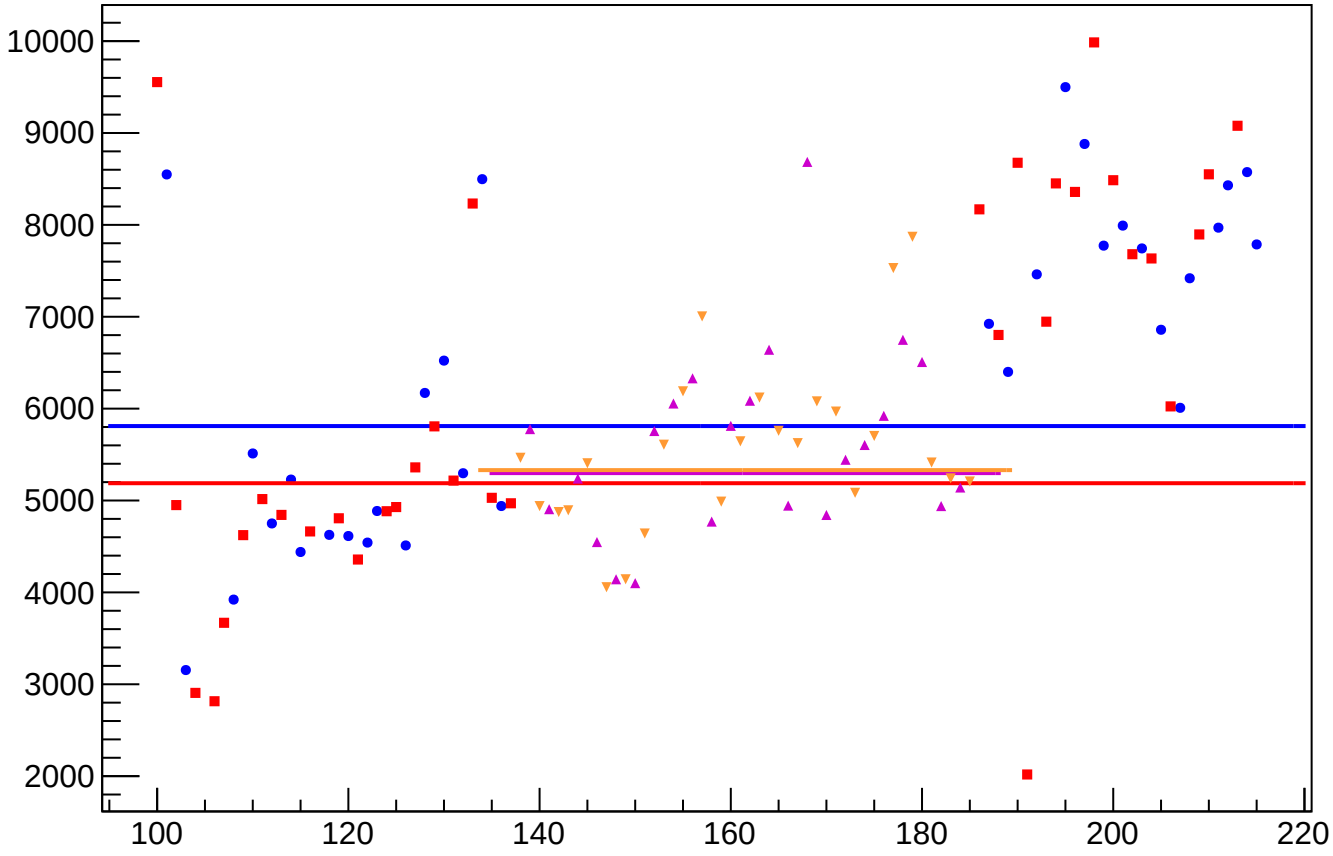
Left In: -2824.078+/-1288.414 χ^2/NDF:18.0/22

+ sign 1817.091+/-955.766 χ^2/NDF: 60.0/56

All: -824.282+/-668.808 χ^2/NDF: 130.9/113

- sign -3358.675+/-936.211 χ^2/NDF: 56.0/56

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: 5188.254+/-0.960 χ^2/NDF: 4562966.8/33

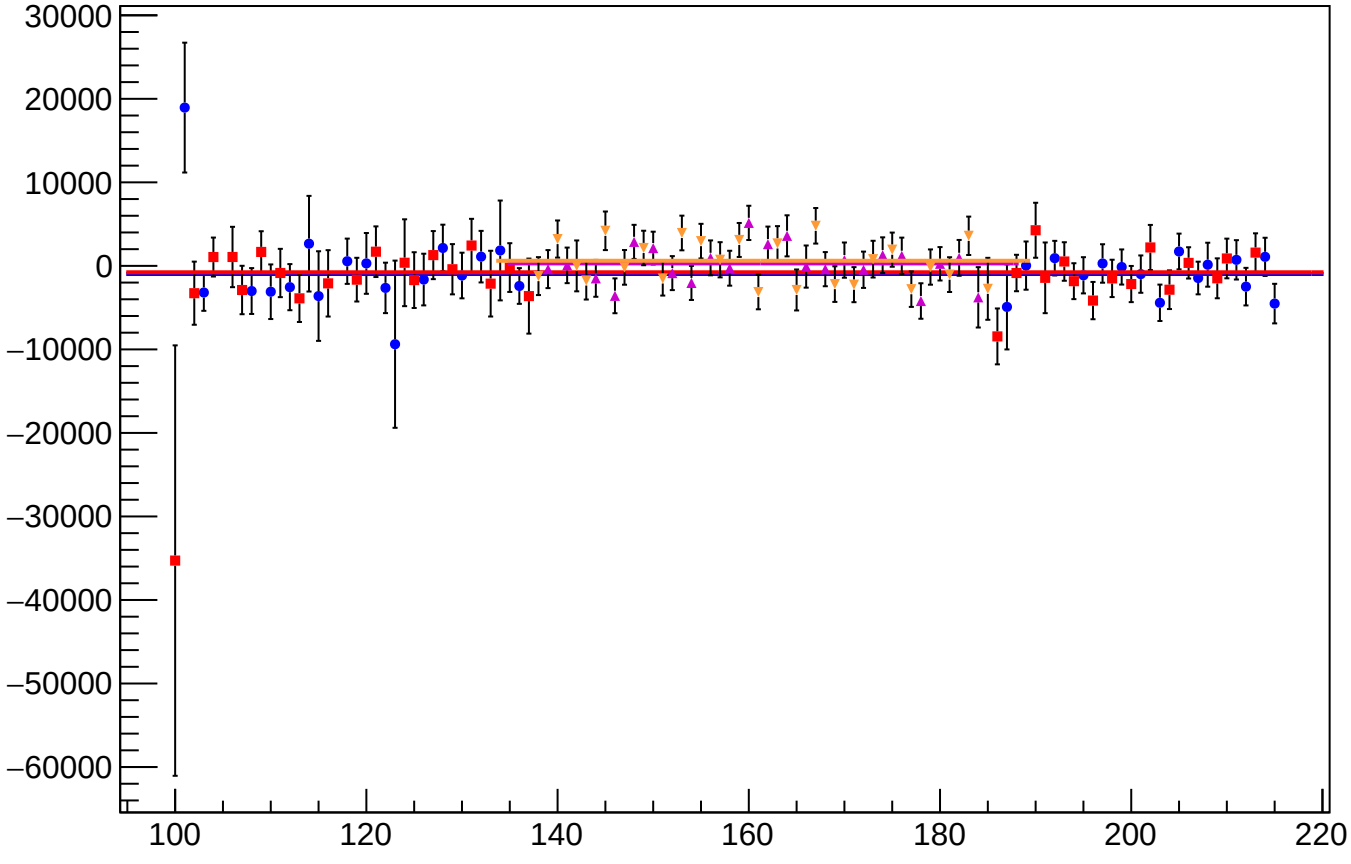
Left In: 5298.329+/-0.911 χ^2/NDF:956021.6/22

+ sign 5535.060+/-0.676 χ^2/NDF: 3952926.0/56

All: 5387.385+/-0.473 χ^2/NDF: 9572233.5/11

- sign 5246.176+/-0.661 χ^2/NDF: 5525905.1/56

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: -766.910+/-472.534 χ^2/NDF: 23.9/33

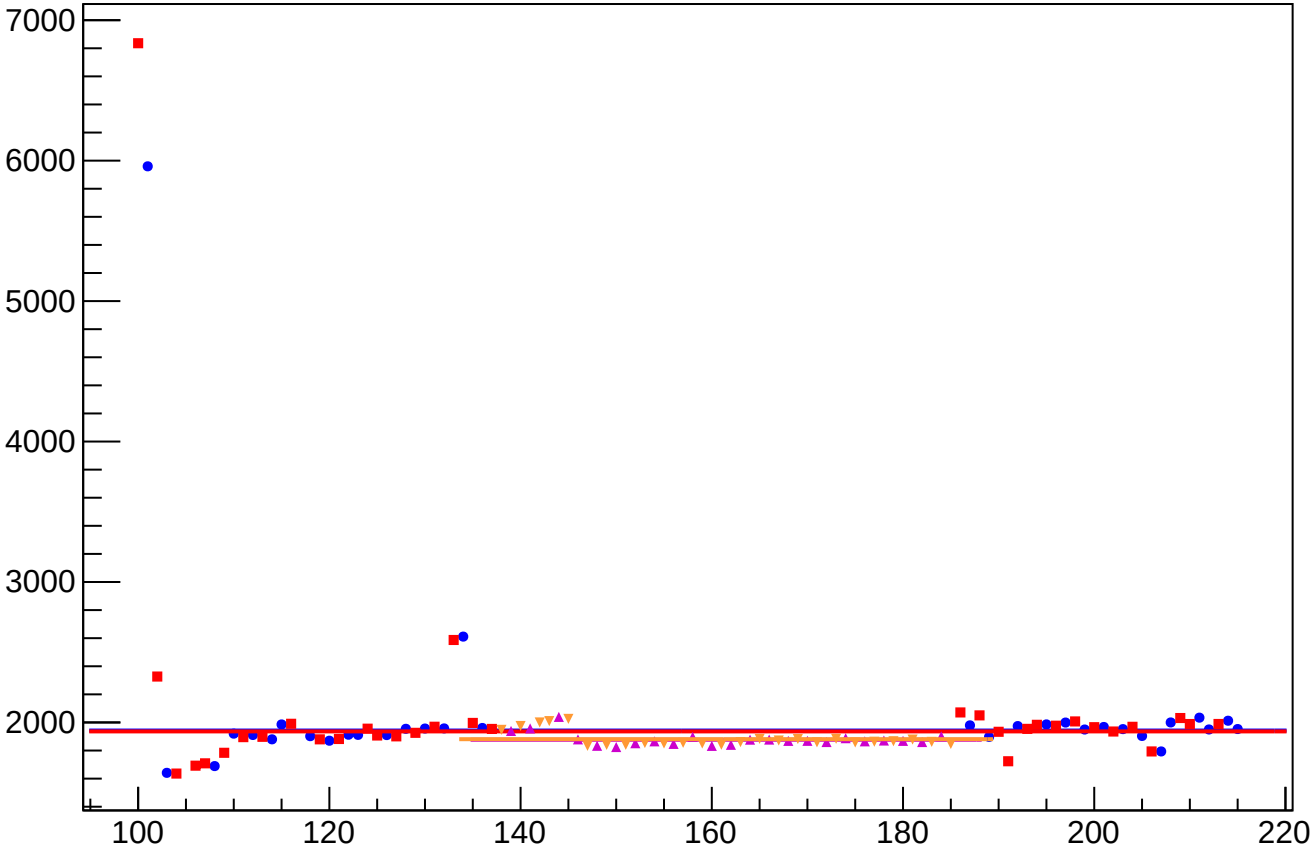
Left In: 293.009+/-449.575 χ^2/NDF:23.6/22

+ sign -122.323+/-320.984 χ^2/NDF: 62.5/56

All: -165.805+/-228.623 χ^2/NDF: 112.8/113

- sign -210.577+/-325.712 χ^2/NDF: 50.2/56

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: 1936.199+/-0.334 χ^2/NDF: 250984.7/33

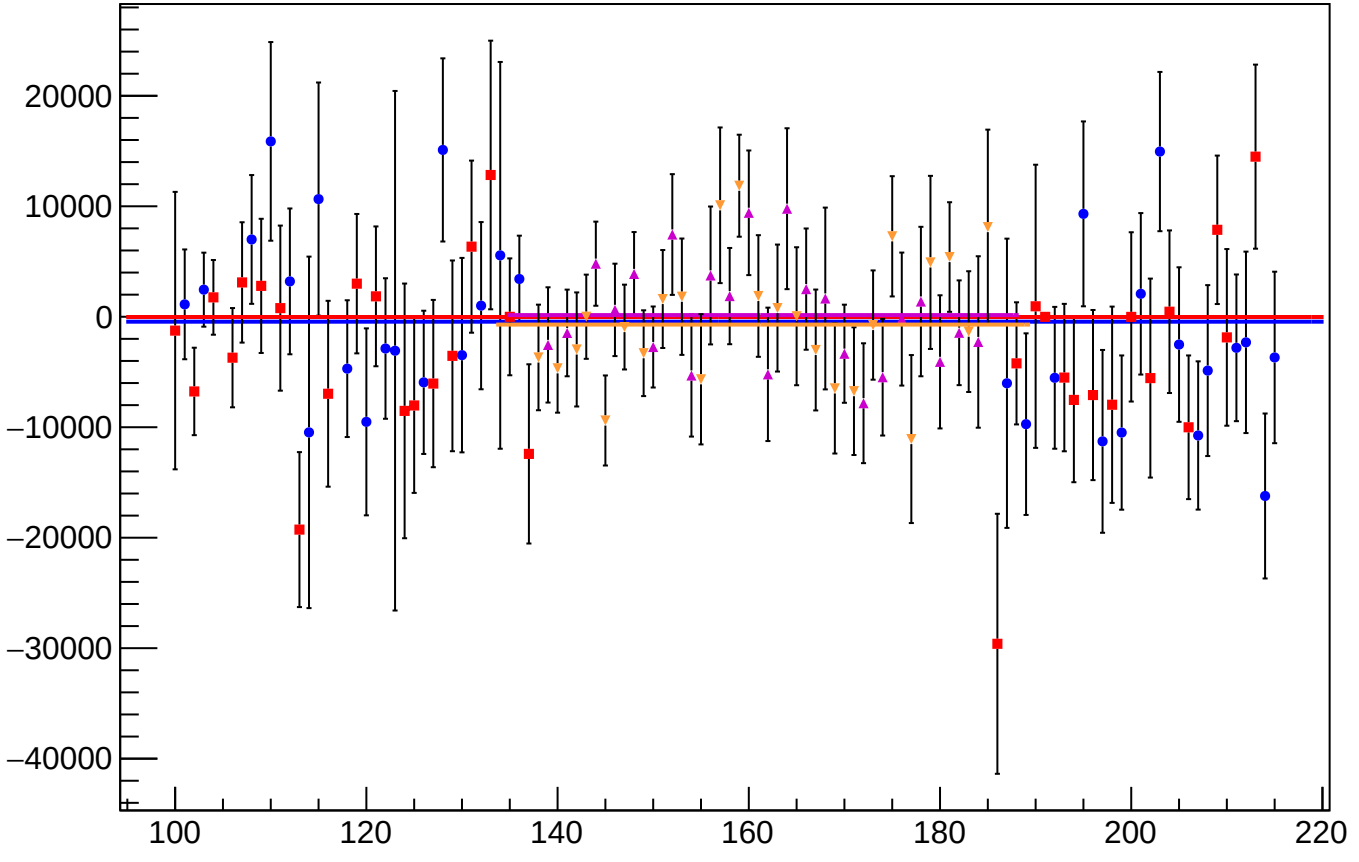
Left In: 1876.685+/-0.318 χ^2/NDF:20499.7/22

+ sign 1909.343+/-0.227 χ^2/NDF: 685265.7/56

All: 1907.197+/-0.162 χ^2/NDF: 973600.2/113

- sign 1904.989+/-0.230 χ^2/NDF: 288153.1/56

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: -21.960+/-85.780 χ^2/NDF: 36.9/33

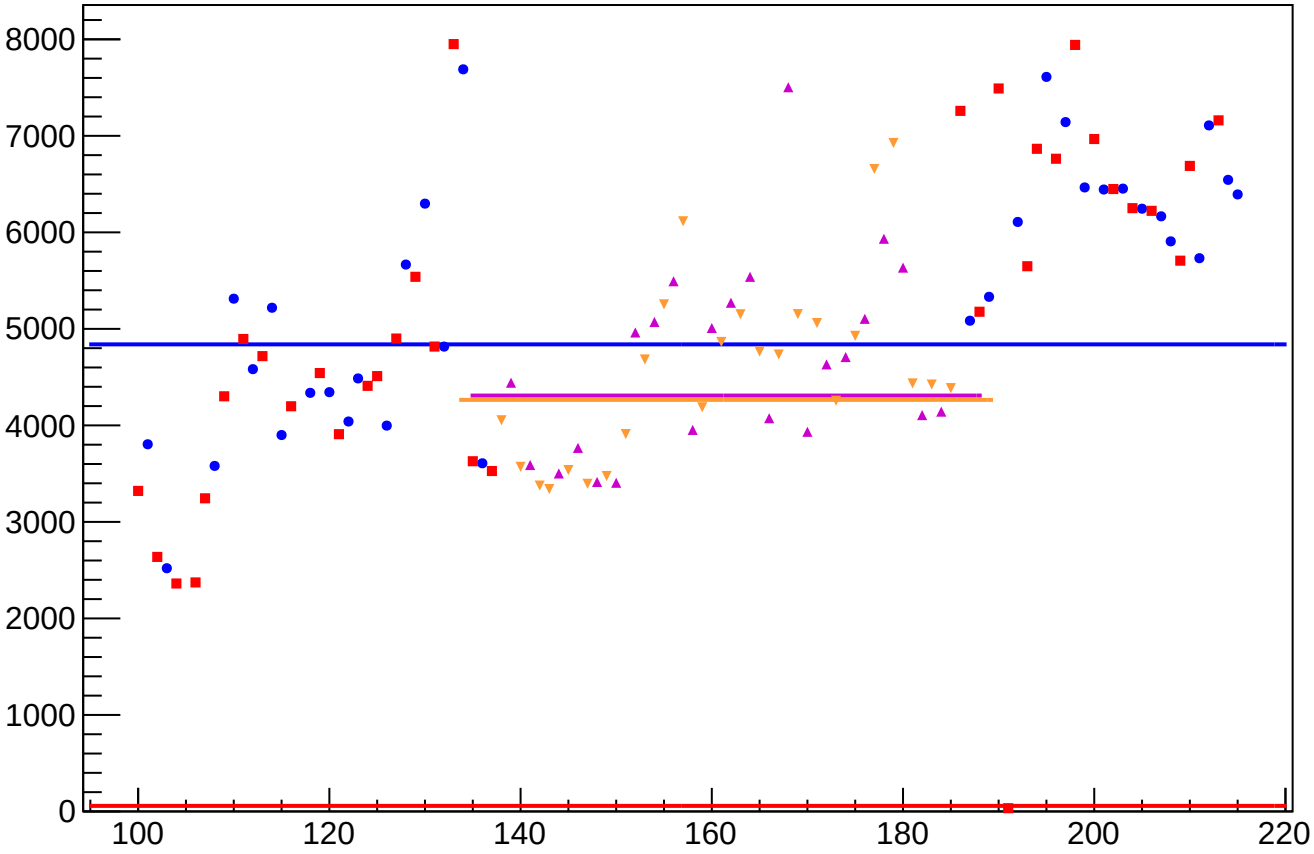
Left In: 150.495+/-1053.655 χ^2/NDF:16.9/22

+ sign -600.262+/-780.845 χ^2/NDF: 61.5/56

All: -27.688+/-84.989 χ^2/NDF: 115.8/113

- sign -20.824+/-85.497 χ^2/NDF: 53.8/56

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

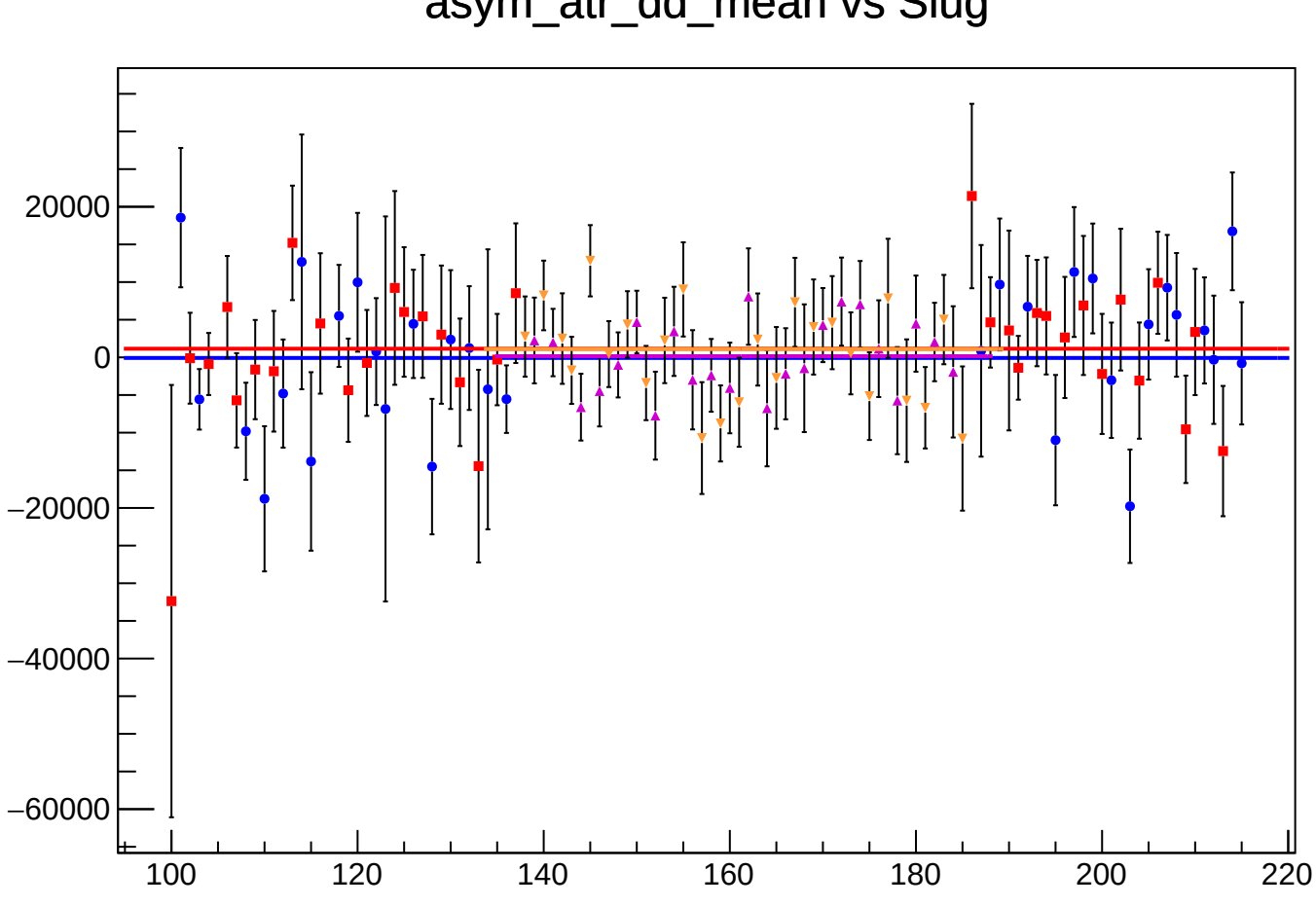
Right Out: 57.843+/-0.061 χ^2/NDF: 33020920.4/33

Left In: 4309.034+/-0.745 χ^2/NDF:1305133.3/22

+ sign 4500.936+/-0.552 χ^2/NDF: 4528549.6/56

All: 138.138+/-0.060 χ^2/NDF: 134381810.6/1

- sign 85.834+/-0.060 χ^2/NDF: 66669425.7/56



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: 1147.890+/-1268.698 χ^2/NDF: 23.7/33

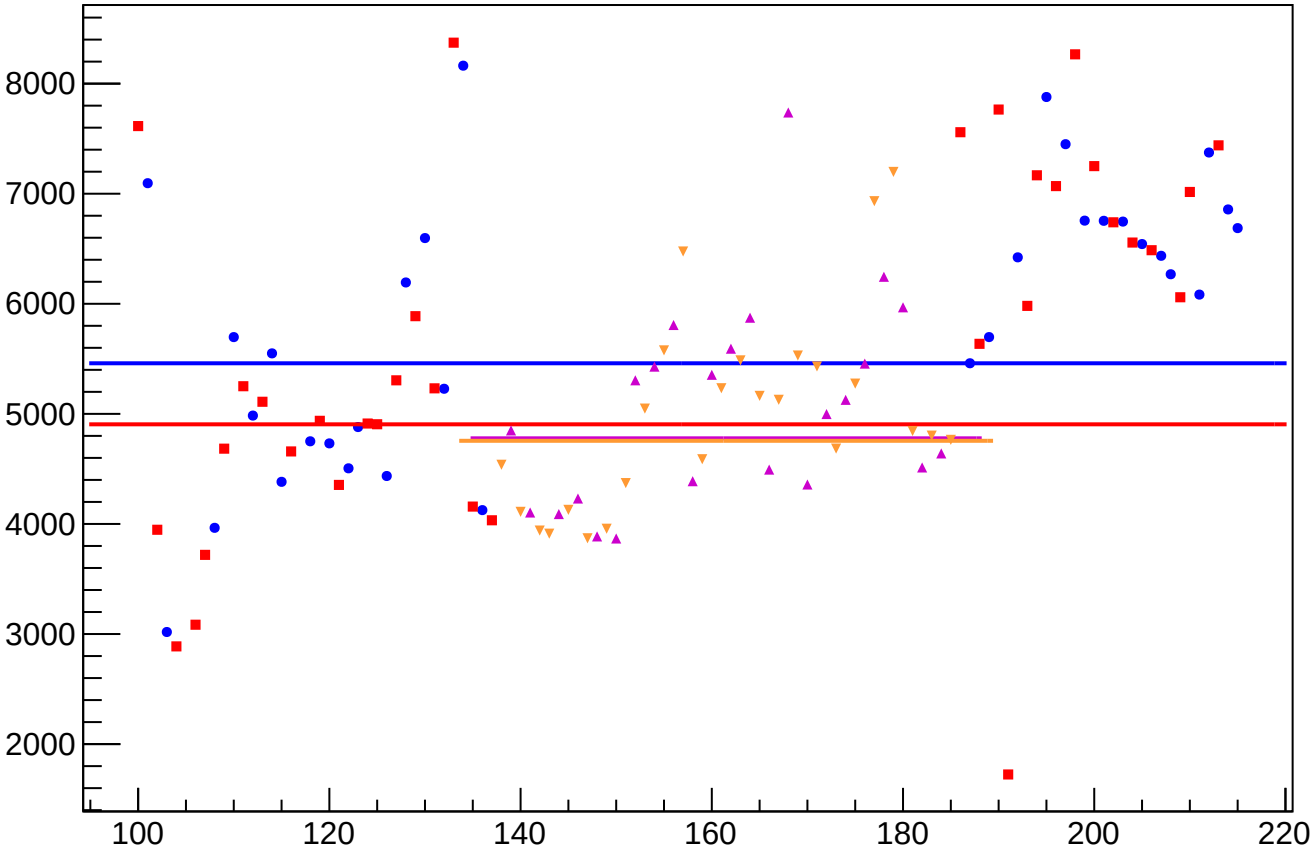
Left In: 158.683+/-1161.507 χ^2/NDF:15.5/22

+ sign 620.594+/-866.629 χ^2/NDF: 72.1/56

All: 615.104+/-609.260 χ^2/NDF: 111.6/113

- sign 609.739+/-856.703 χ^2/NDF: 39.5/56

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: 4905.033+/-0.894 χ^2/NDF: 3806693.7/33

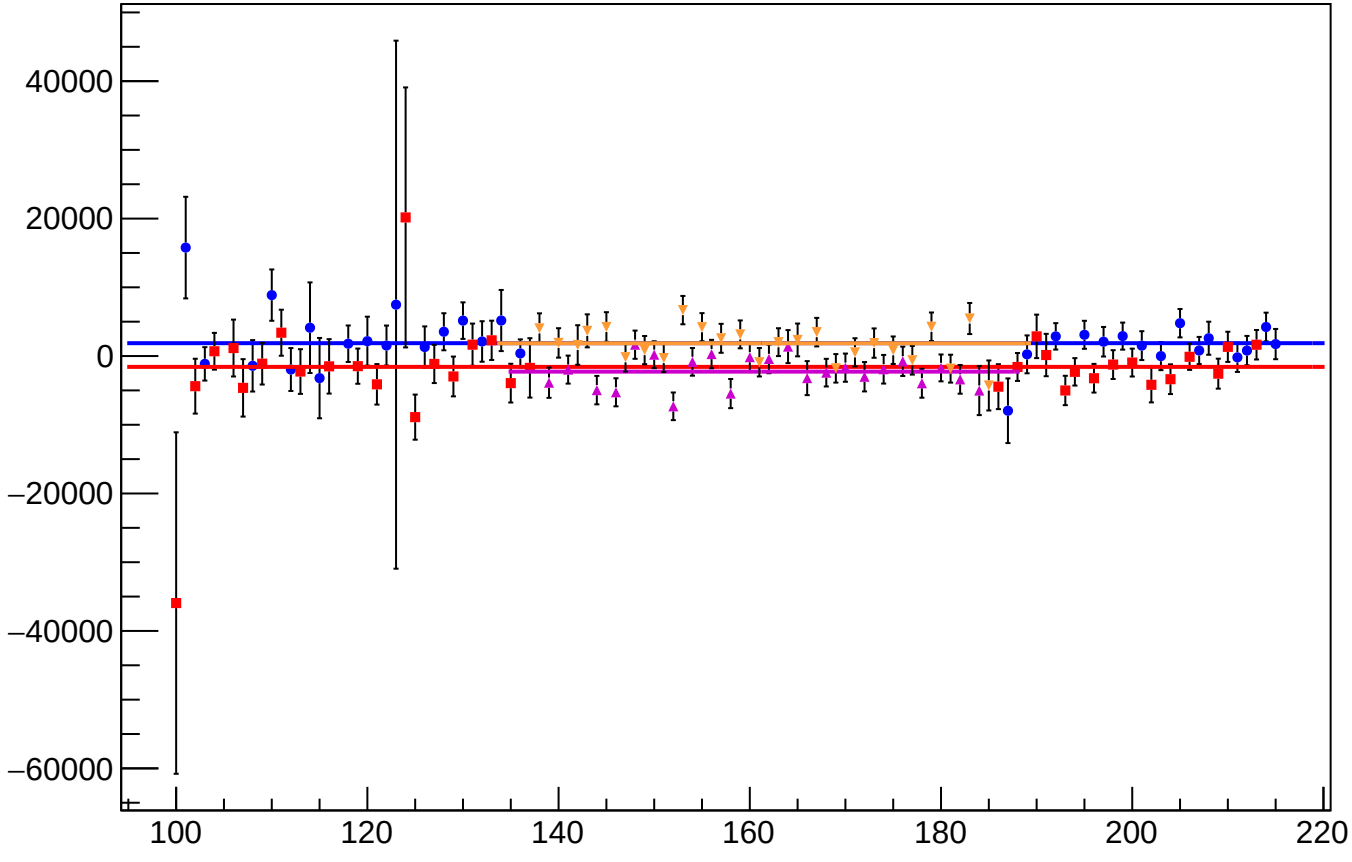
Left In: 4777.831+/-0.821 χ^2/NDF:950291.2/22

+ sign 5042.931+/-0.613 χ^2/NDF: 3394599.1/56

All: 4938.141+/-0.430 χ^2/NDF: 8220295.0/11

- sign 4836.031+/-0.605 χ^2/NDF: 4767959.9/56

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: -1577.594+/-462.026 χ^2/NDF: 30.4/33

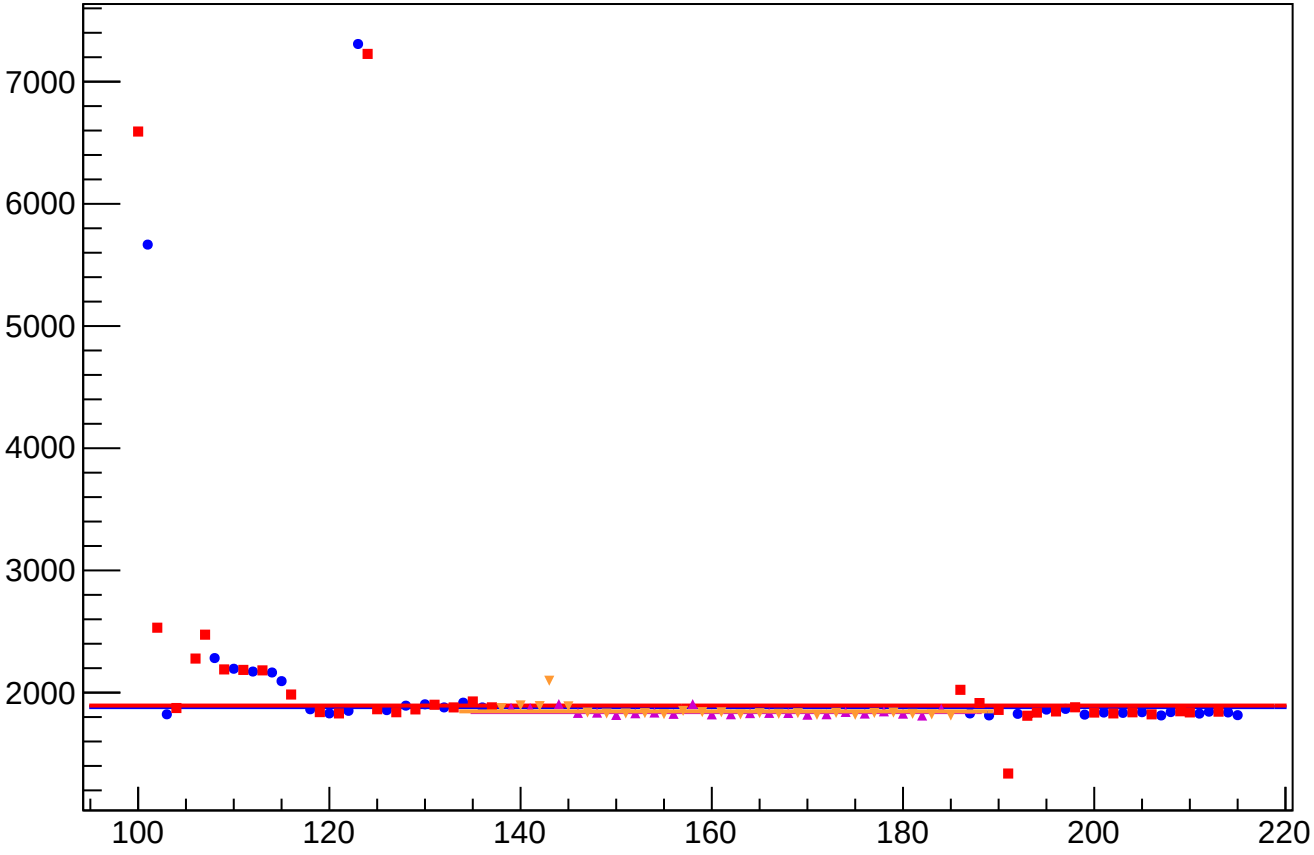
Left In: -2268.464+/-441.710 χ^2/NDF:26.9/22

+ sign 1864.177+/-313.535 χ^2/NDF: 56.1/56

All: -2.685+/-223.705 χ^2/NDF: 186.7/113

- sign -1938.552+/-319.277 χ^2/NDF: 58.4/56

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: 1894.081+/-0.327 χ^2/NDF: 476536.3/33

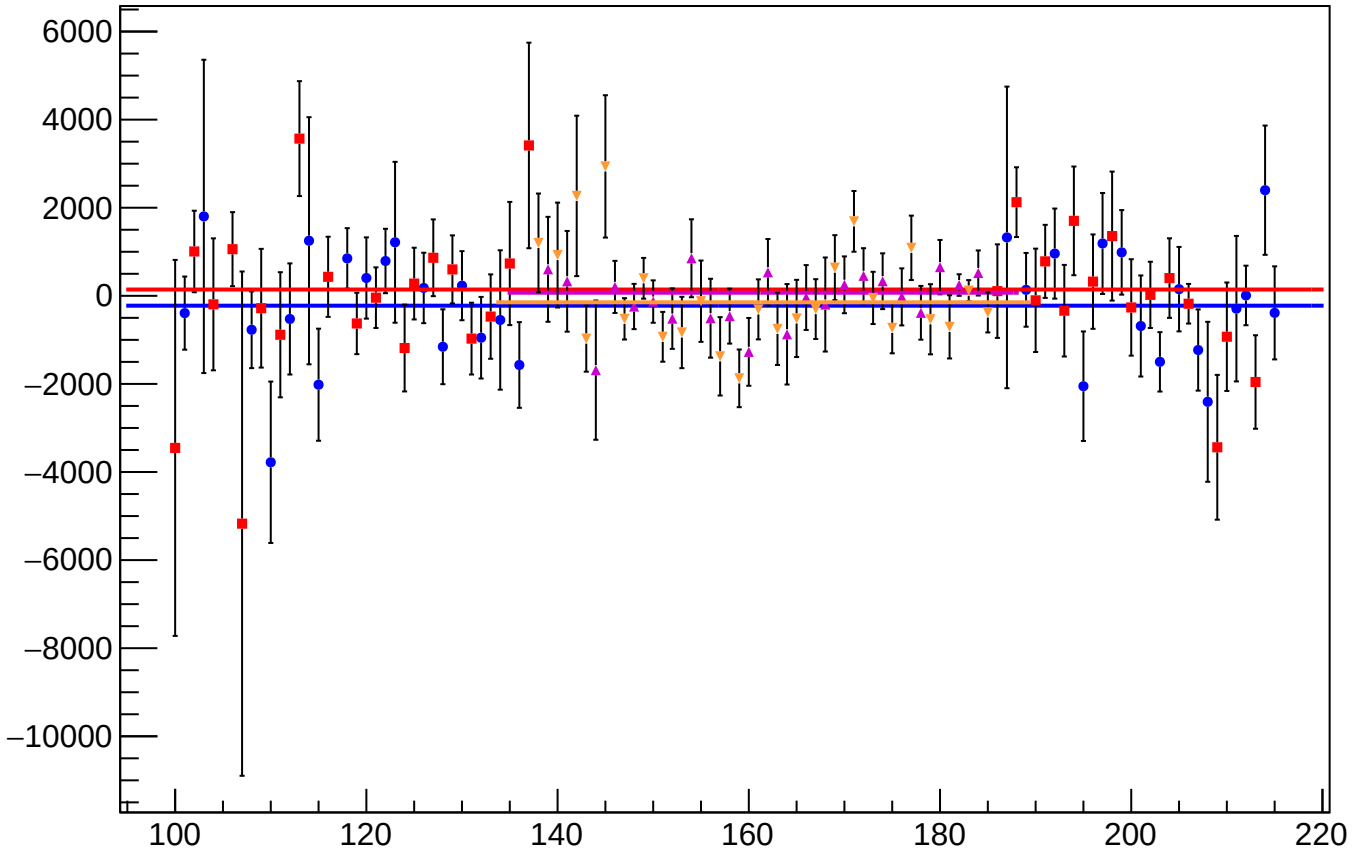
Left In: 1840.541+/-0.312 χ^2/NDF:6740.2/22

+ sign 1862.986+/-0.222 χ^2/NDF: 676633.2/56

All: 1864.519+/-0.158 χ^2/NDF: 1174038.4/11

- sign 1866.108+/-0.226 χ^2/NDF: 497307.9/56

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: 143.046+/-163.945 χ^2/NDF: 39.5/33

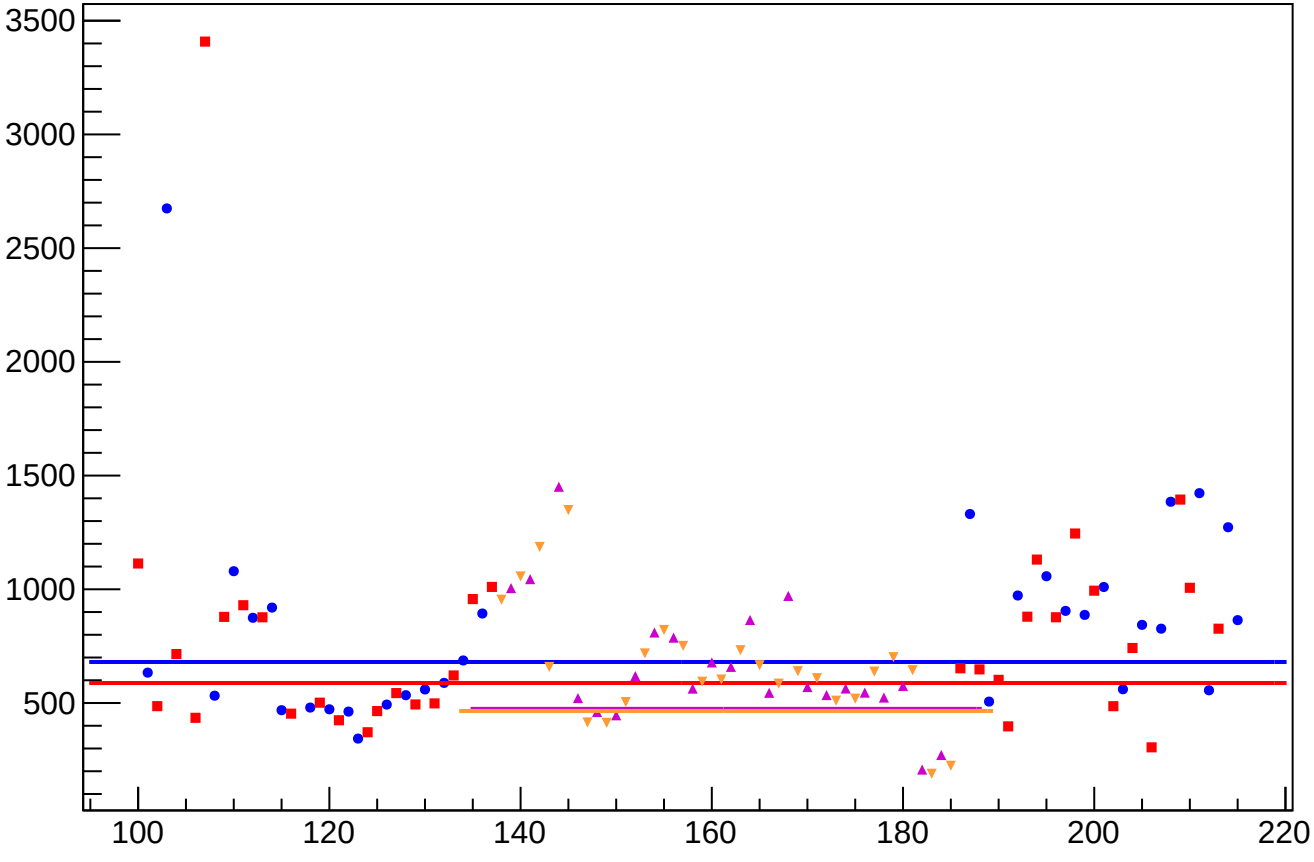
Left In: 70.340+/-126.373 χ^2/NDF:12.3/22

+ sign -171.591+/-100.609 χ^2/NDF: 71.3/56

All: -36.380+/-70.957 χ^2/NDF: 126.8/113

- sign 97.439+/-100.089 χ^2/NDF: 51.9/56

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

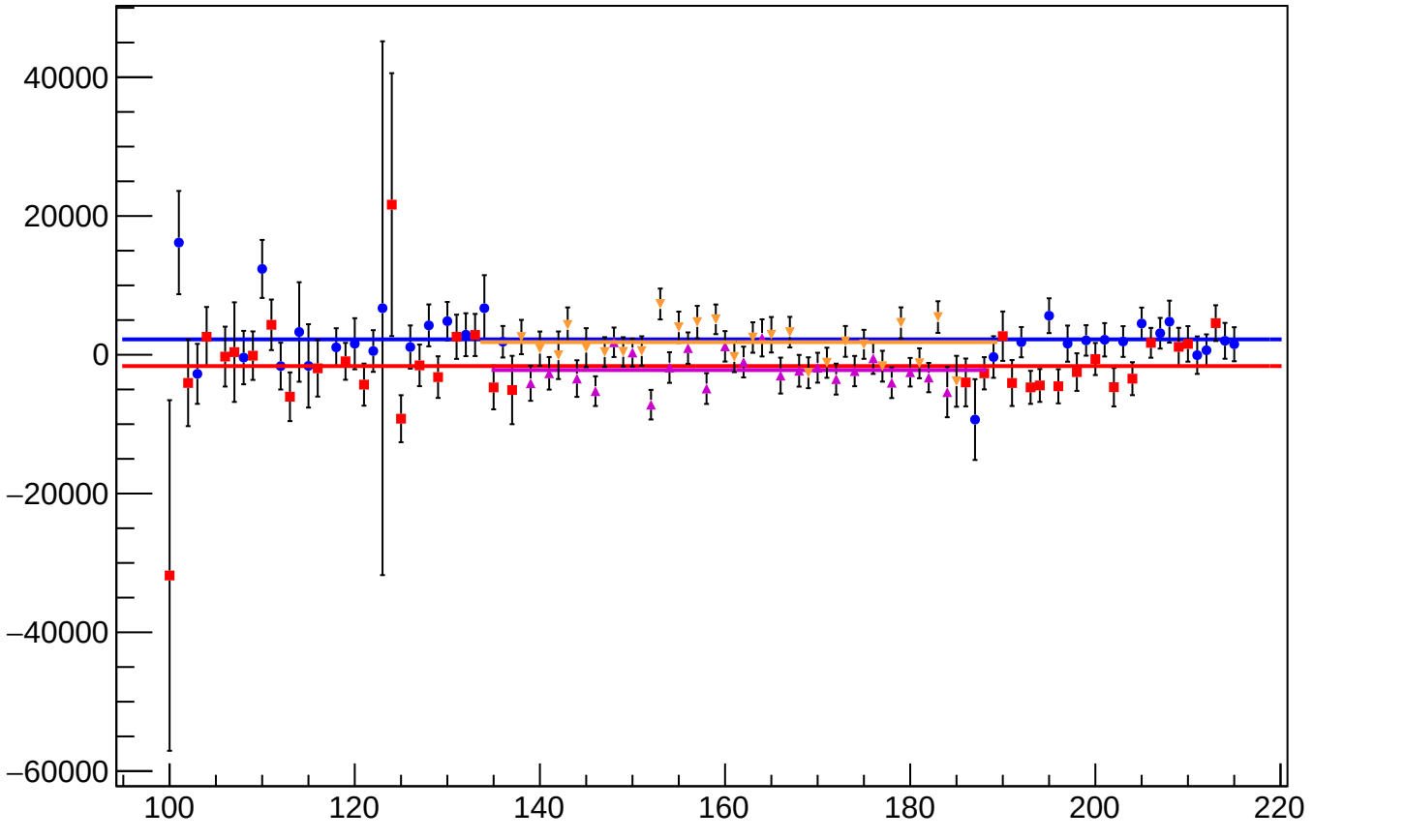
Right Out: 587.970+/-0.116 χ^2/NDF: 4715573.4/33

Left In: 474.263+/-0.089 χ^2/NDF:6173100.1/22

+ sign 533.937+/-0.071 χ^2/NDF: 13007610.7/56

All: 525.245+/-0.050 χ^2/NDF: 24529482.7/11

- sign 516.643+/-0.071 χ^2/NDF: 11492172.1/56



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: -1630.759+/-526.433 χ^2/NDF: 40.2/33

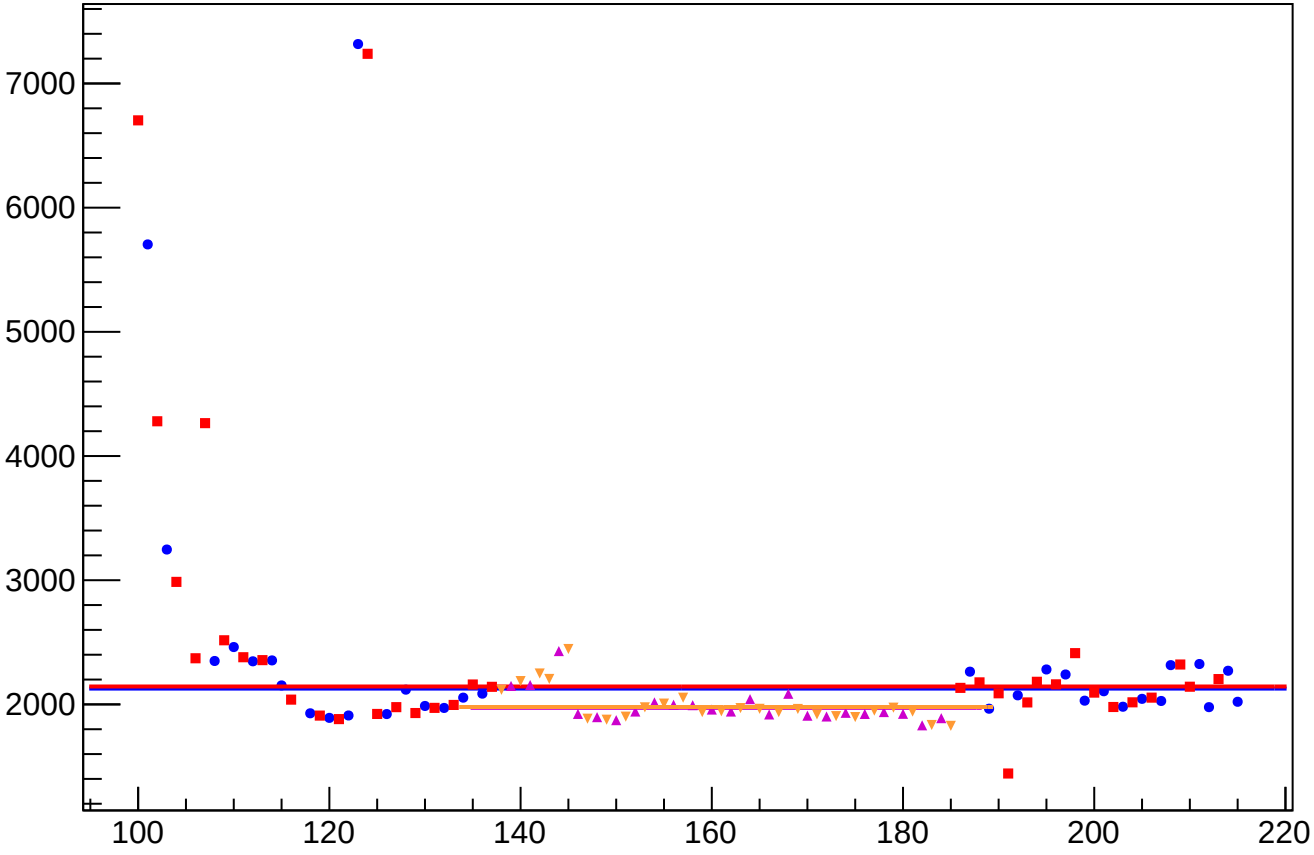
Left In: -2208.114+/-474.050 χ^2/NDF:25.3/22

+ sign 1999.729+/-345.124 χ^2/NDF: 58.1/56

All: 65.548+/-246.528 χ^2/NDF: 188.4/113

- sign -1949.583+/-352.272 χ^2/NDF: 66.2/56

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: 2144.159+/-0.372 χ^2/NDF: 951630.0/33

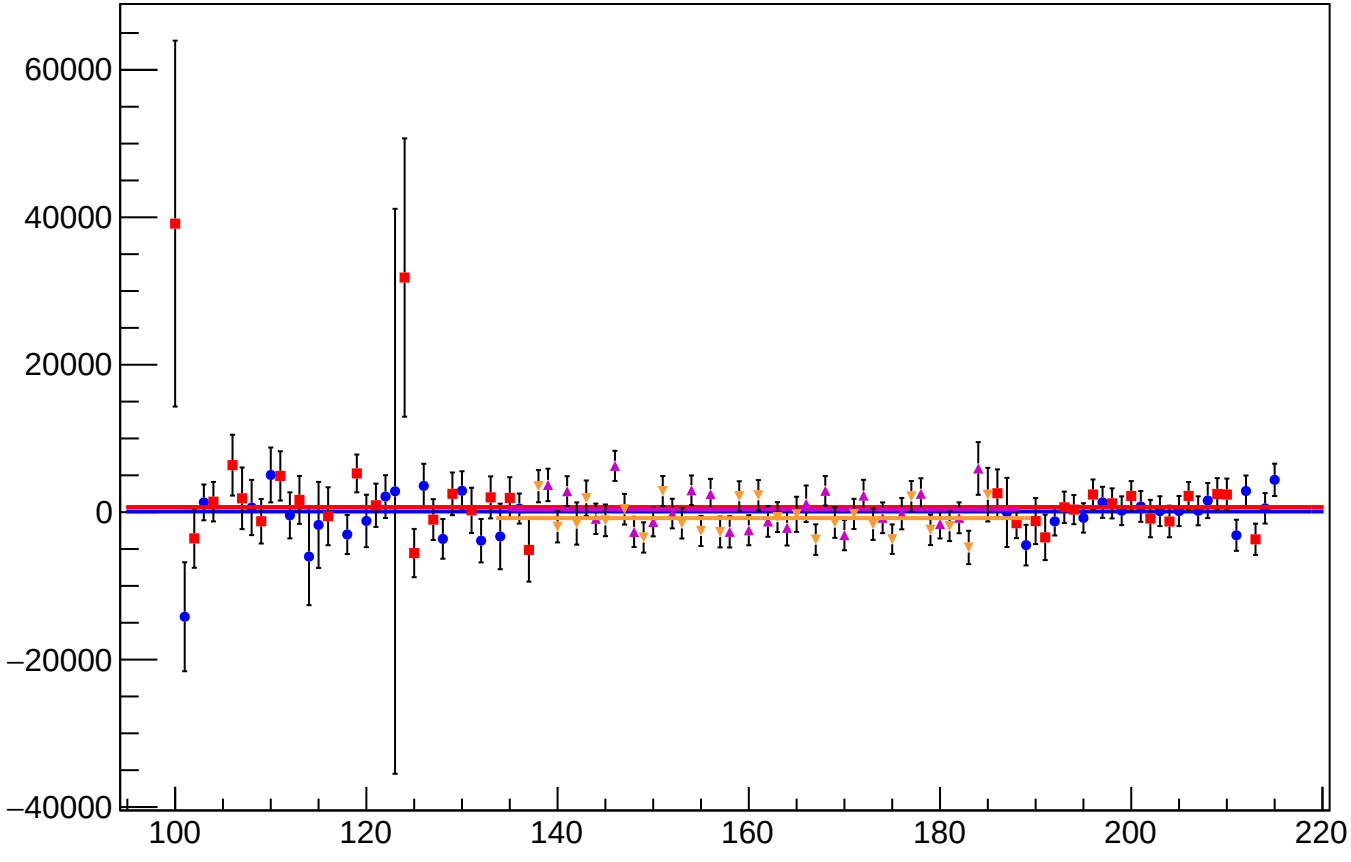
Left In: 1972.166+/-0.335 χ^2/NDF:116452.5/22

+ sign 2044.819+/-0.244 χ^2/NDF: 1018239.7/56

All: 2046.956+/-0.174 χ^2/NDF: 2204367.7/11

- sign 2049.182+/-0.249 χ^2/NDF: 1185971.5/56

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: 694.720+/-458.509 χ^2/NDF: 32.7/33

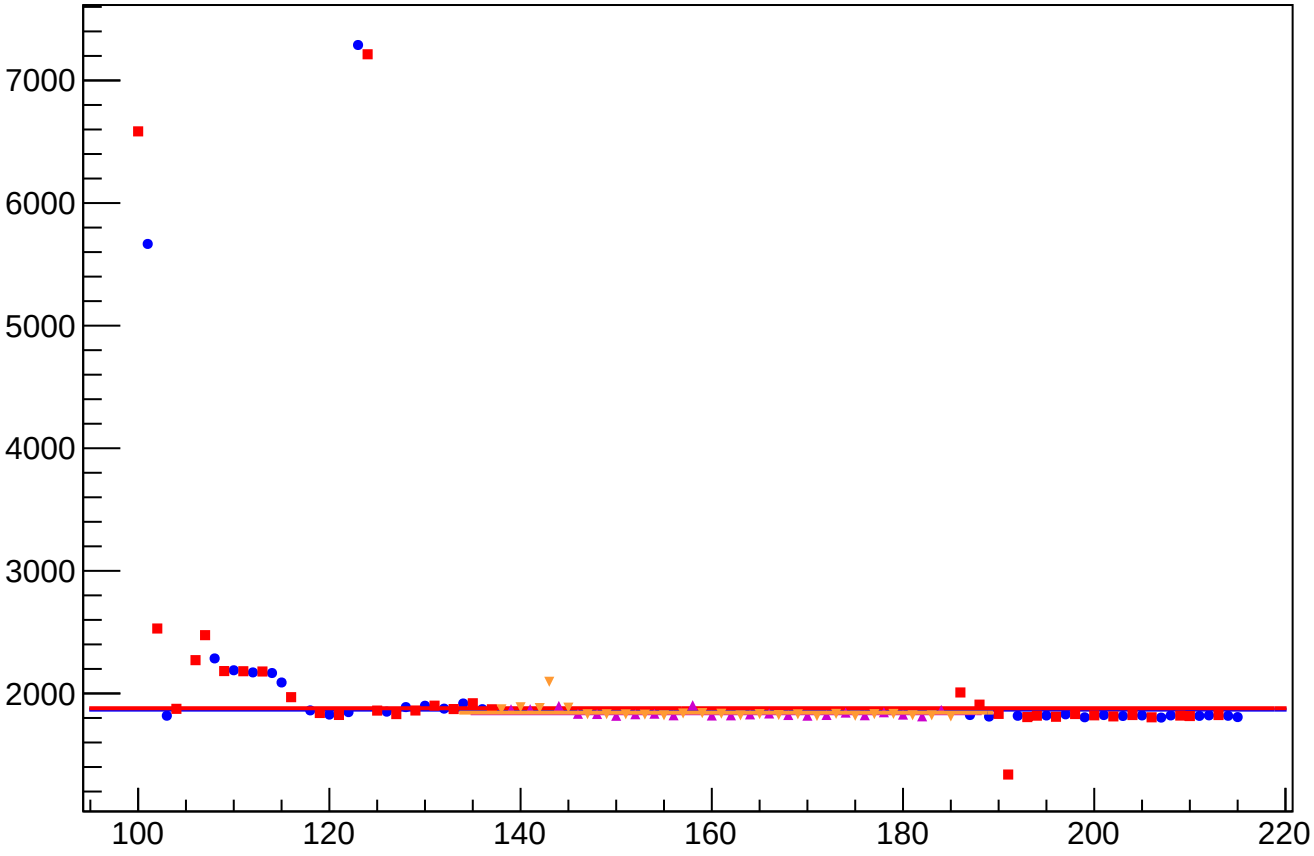
Left In: 398.797+/-441.246 χ^2/NDF:34.4/22

\+ sign -381.037+/-312.239 χ^2/NDF: 57.8/56

All: 71.688+/-222.773 χ^2/NDF: 129.4/113

\- sign 541.083+/-317.936 χ^2/NDF: 67.3/56

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: 1879.451+/-0.324 χ^2/NDF: 485483.9/33

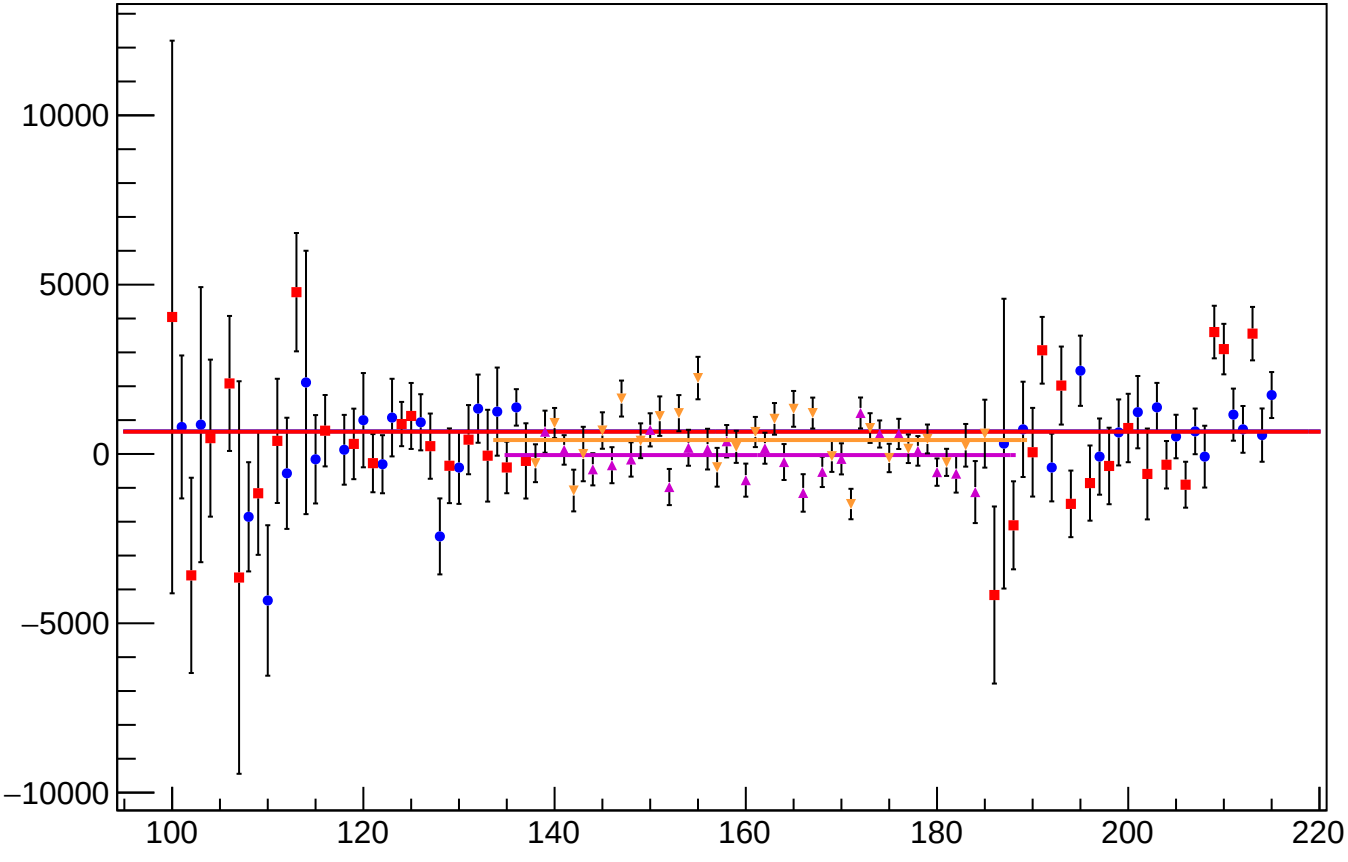
Left In: 1838.611+/-0.312 χ^2/NDF:6335.1/22

+ sign 1855.227+/-0.221 χ^2/NDF: 683009.5/56

All: 1856.710+/-0.158 χ^2/NDF: 1183158.6/11

- sign 1858.248+/-0.225 χ^2/NDF: 500057.2/56

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: 657.933+/-180.825 χ^2/NDF: 85.1/33

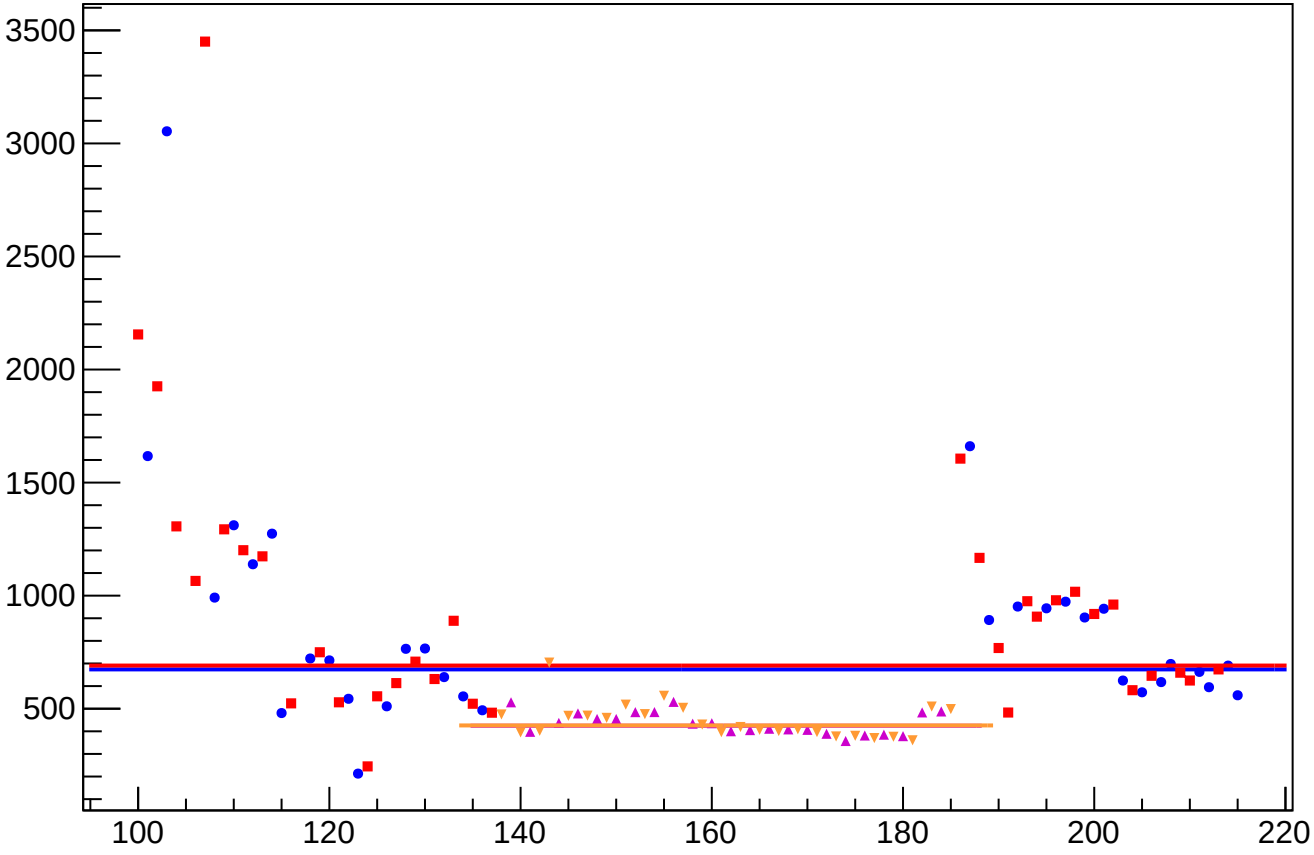
Left In: -32.456+/-102.403 χ^2/NDF:32.7/22

+ sign 476.804+/-86.633 χ^2/NDF: 93.8/56

All: 310.806+/-62.115 χ^2/NDF: 230.2/113

- sign 135.192+/-89.107 χ^2/NDF: 128.8/56

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: 690.842+/-0.128 χ^2/NDF: 4343954.3/33

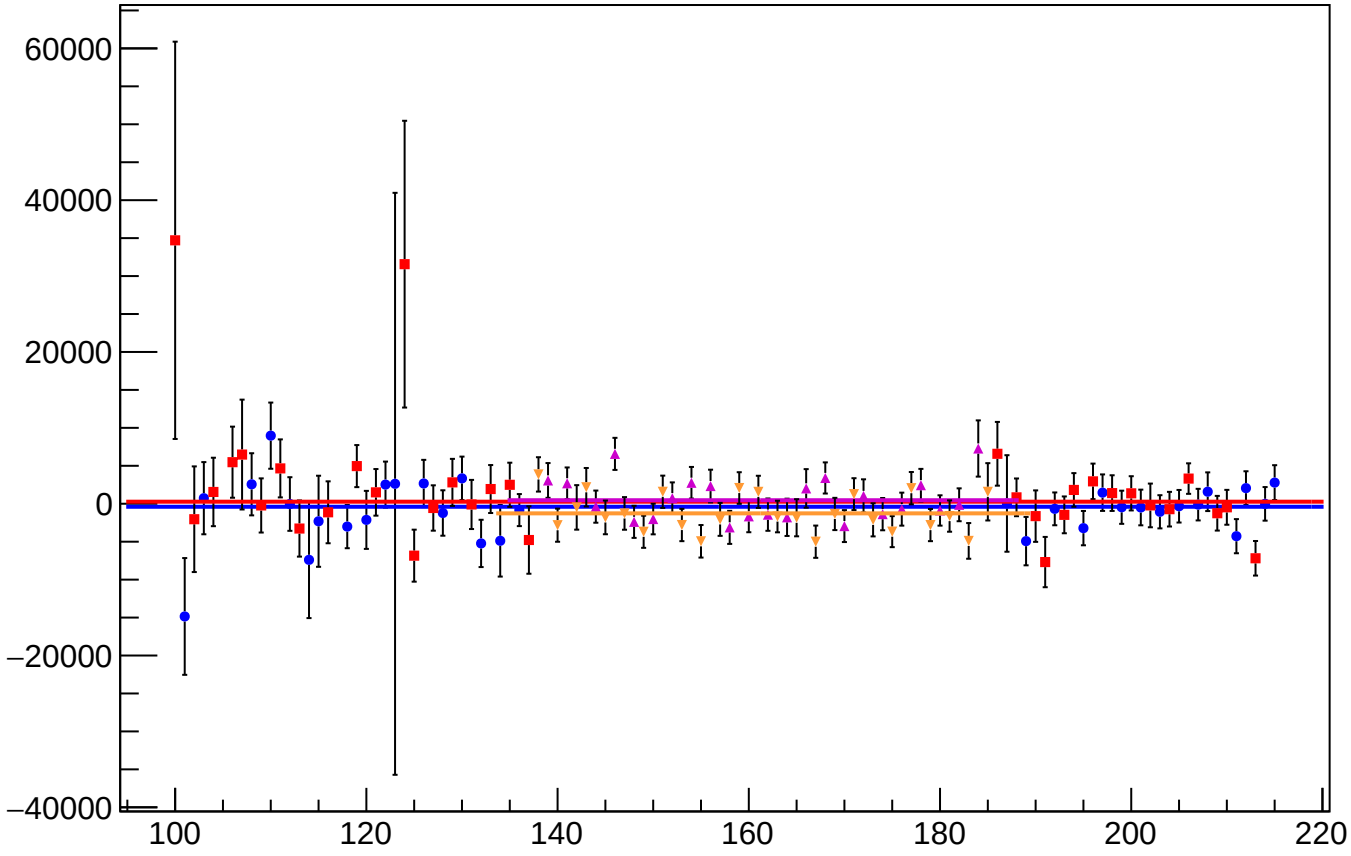
Left In: 424.639+/-0.072 χ^2/NDF:391611.2/22

+ sign 489.524+/-0.061 χ^2/NDF: 7138878.2/56

All: 489.406+/-0.044 χ^2/NDF: 15156412.9/11

- sign 489.281+/-0.063 χ^2/NDF: 8017527.0/56

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: 270.741+/-514.022 χ^2/NDF: 44.2/33

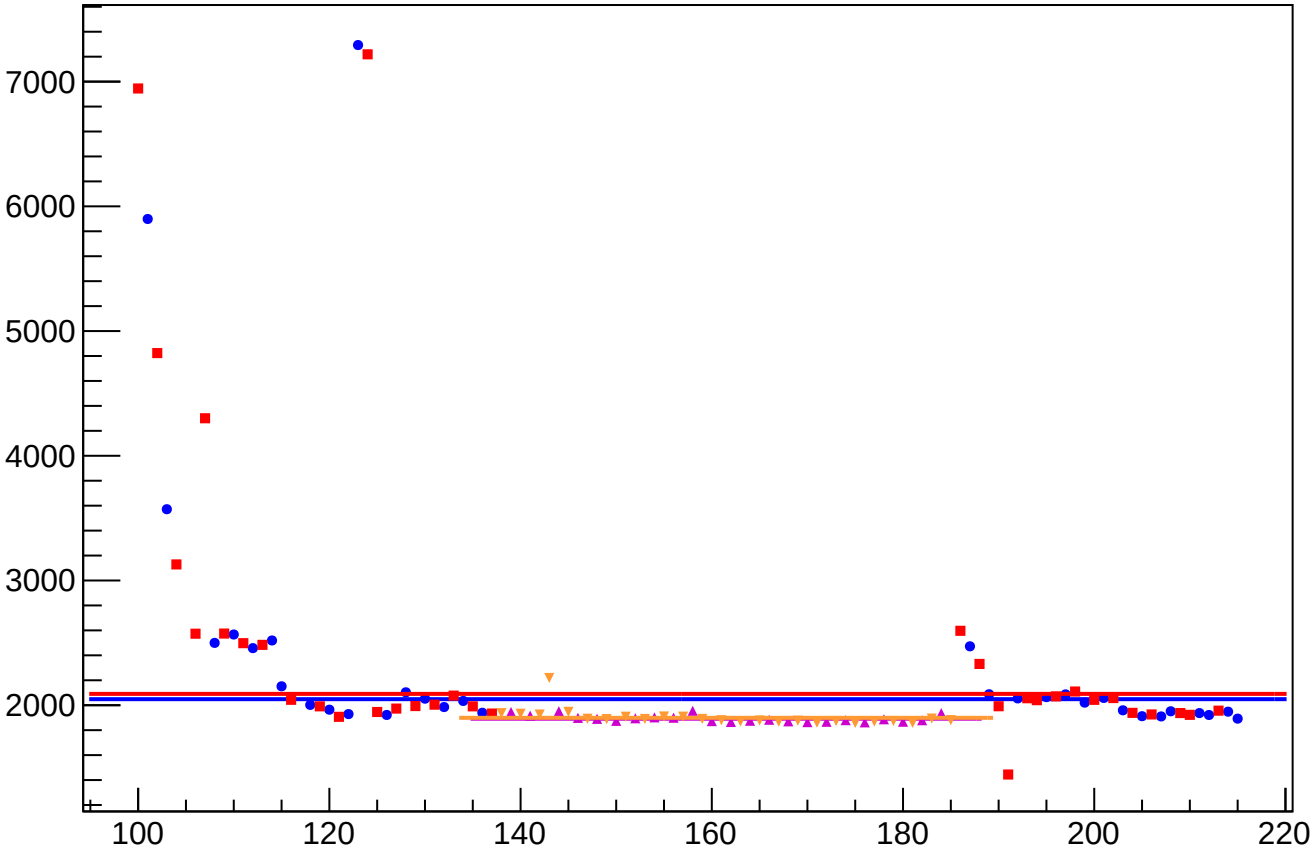
Left In: 462.599+/-453.947 χ^2/NDF:32.6/22

+ sign -884.609+/-331.503 χ^2/NDF: 61.3/56

All: -269.494+/-237.442 χ^2/NDF: 145.2/113

- sign 378.532+/-340.256 χ^2/NDF: 76.8/56

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: 2090.917+/-0.363 χ^2/NDF: 1122451.0/33

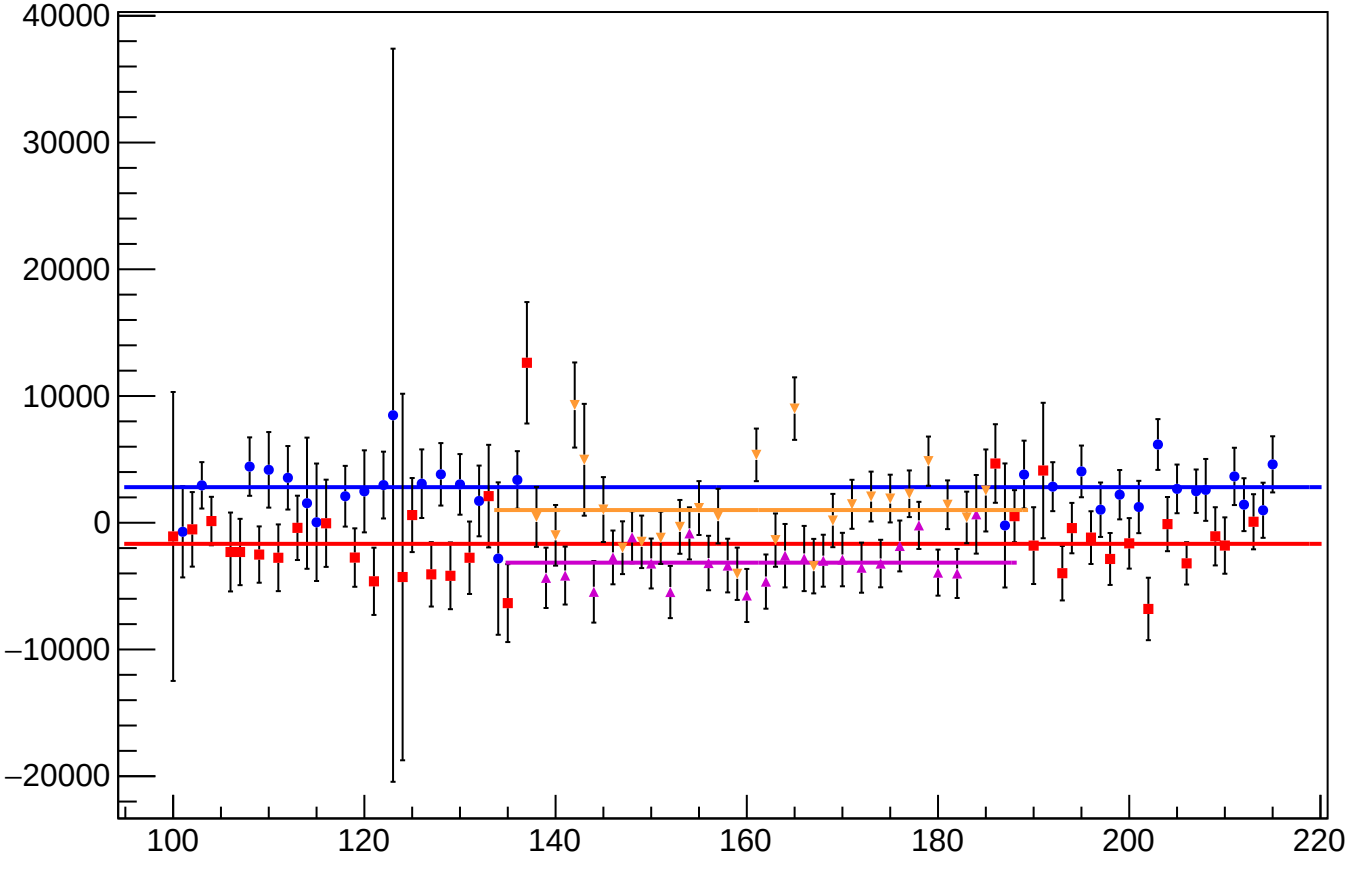
Left In: 1891.693+/-0.321 χ^2/NDF:7420.7/22

+ sign 1964.837+/-0.234 χ^2/NDF: 1042790.4/56

All: 1971.728+/-0.168 χ^2/NDF: 2343229.7/11

- sign 1978.988+/-0.241 χ^2/NDF: 1298664.5/56

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: -1664.637+/-432.836 χ^2/NDF: 32.9/33

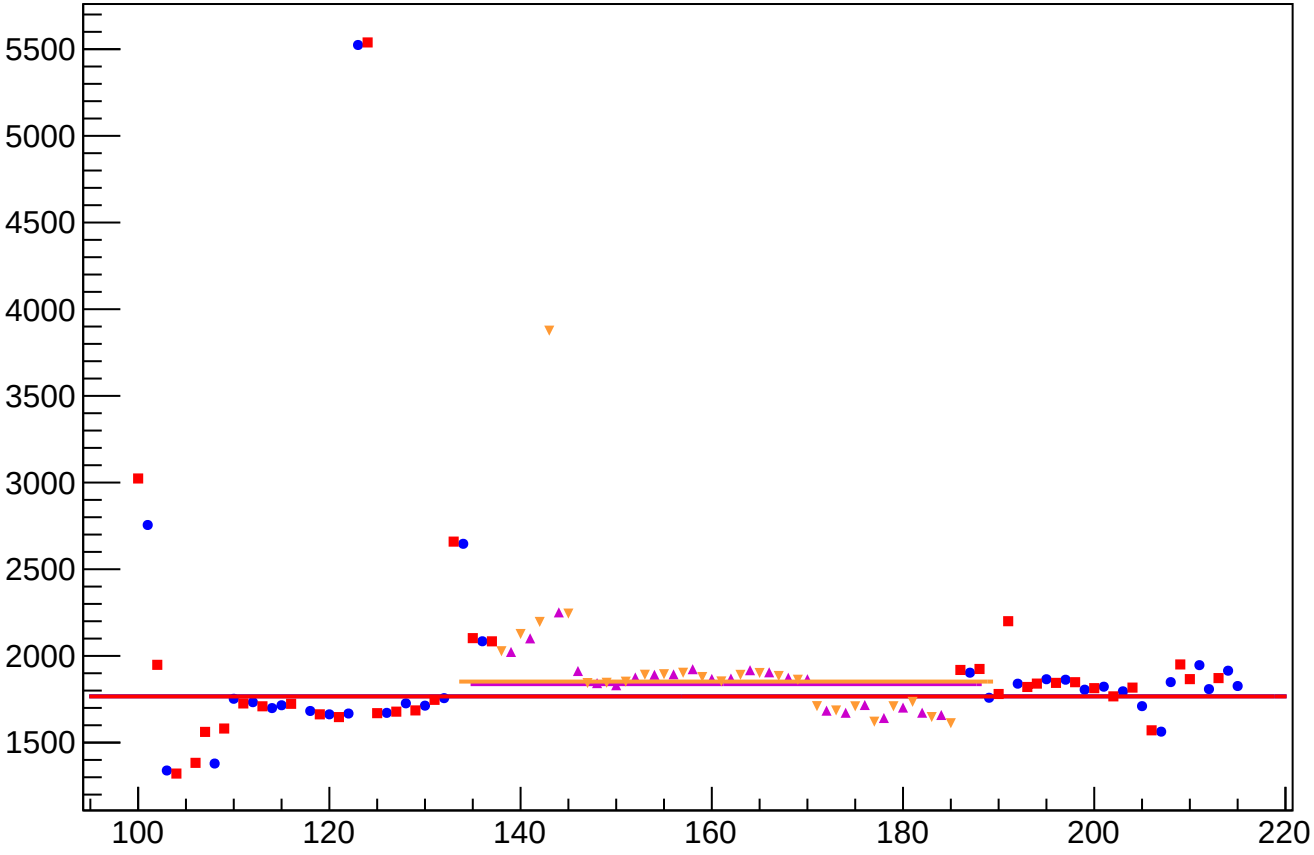
Left In: -3150.437+/-441.145 χ^2/NDF:11.8/22

+ sign 1917.638+/-305.538 χ^2/NDF: 64.0/56

All: -213.901+/-217.247 χ^2/NDF: 213.0/113

- sign -2393.412+/-308.957 χ^2/NDF: 50.6/56

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: 1766.180+/-0.306 χ^2/NDF: 570908.9/33

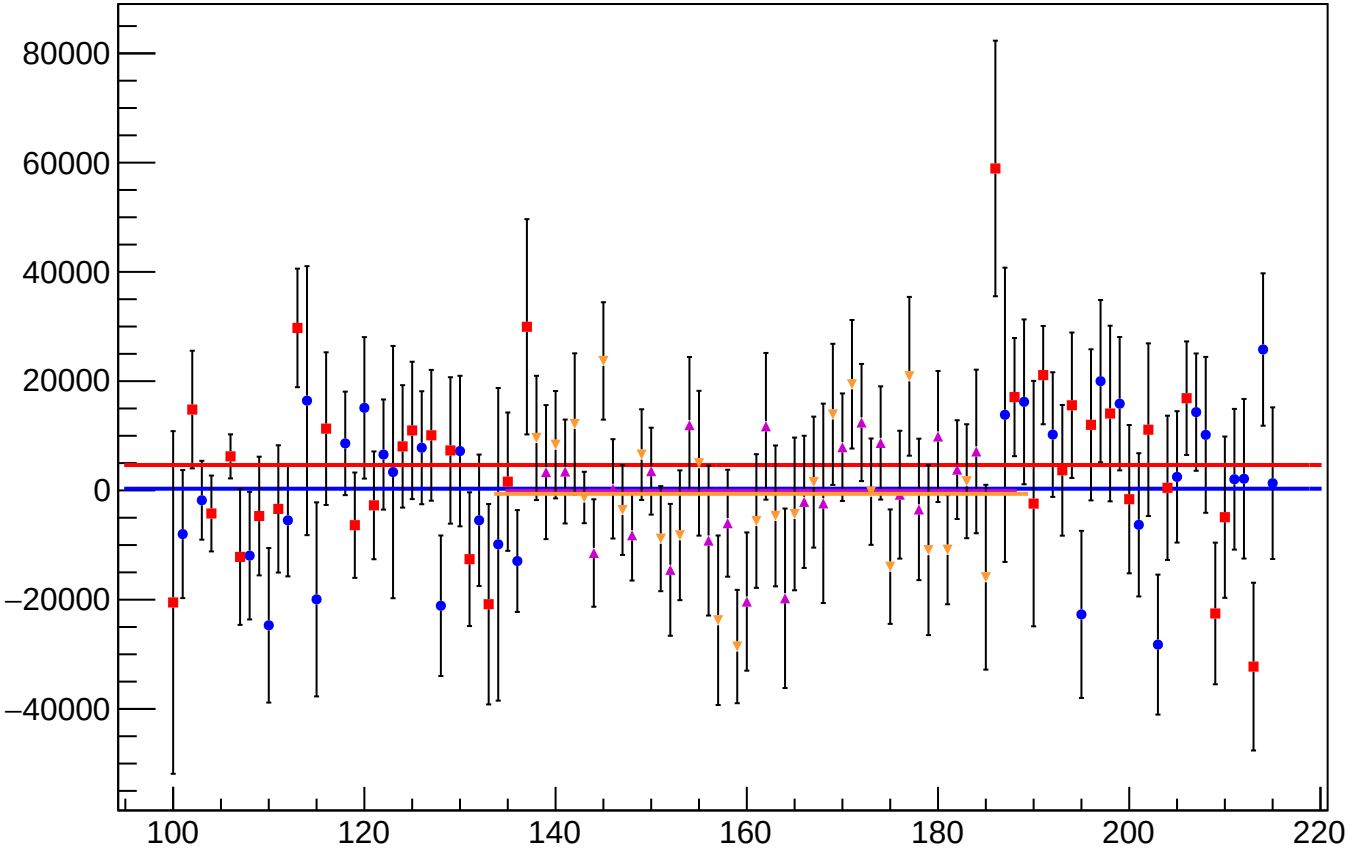
Left In: 1837.151+/-0.312 χ^2/NDF:200514.0/22

+ sign 1808.885+/-0.216 χ^2/NDF: 1204334.1/56

All: 1804.982+/-0.154 χ^2/NDF: 2002791.0/11

- sign 1800.991+/-0.218 χ^2/NDF: 797796.7/56

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: 4650.404+/-1890.727 χ^2/NDF: 43.9/33

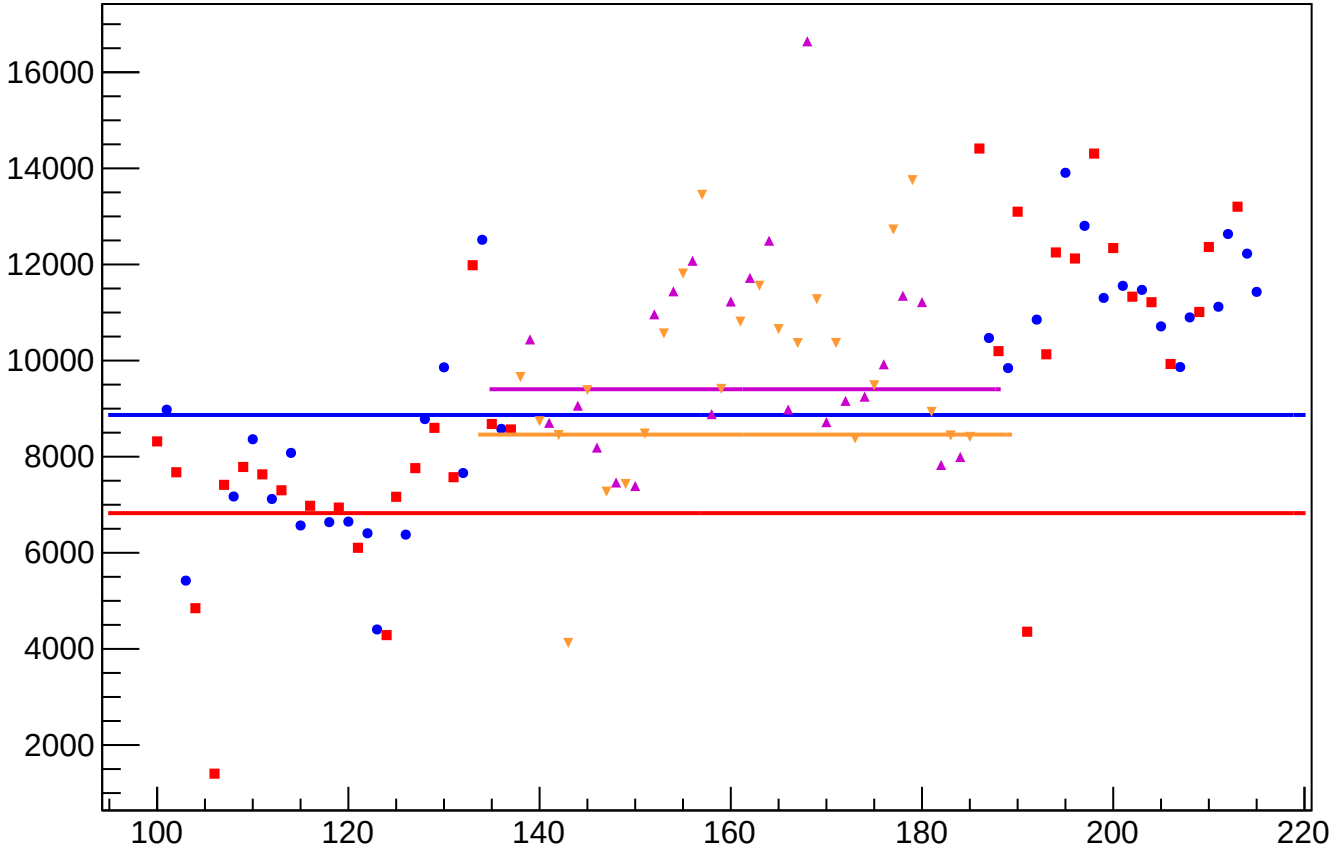
Left In: -93.334+/-2293.826 χ^2/NDF:14.6/22

+ sign -184.558+/-1510.743 χ^2/NDF: 64.1/56

All: 1324.180+/-1049.477 χ^2/NDF: 127.1/113

- sign 2731.299+/-1458.980 χ^2/NDF: 61.1/56

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

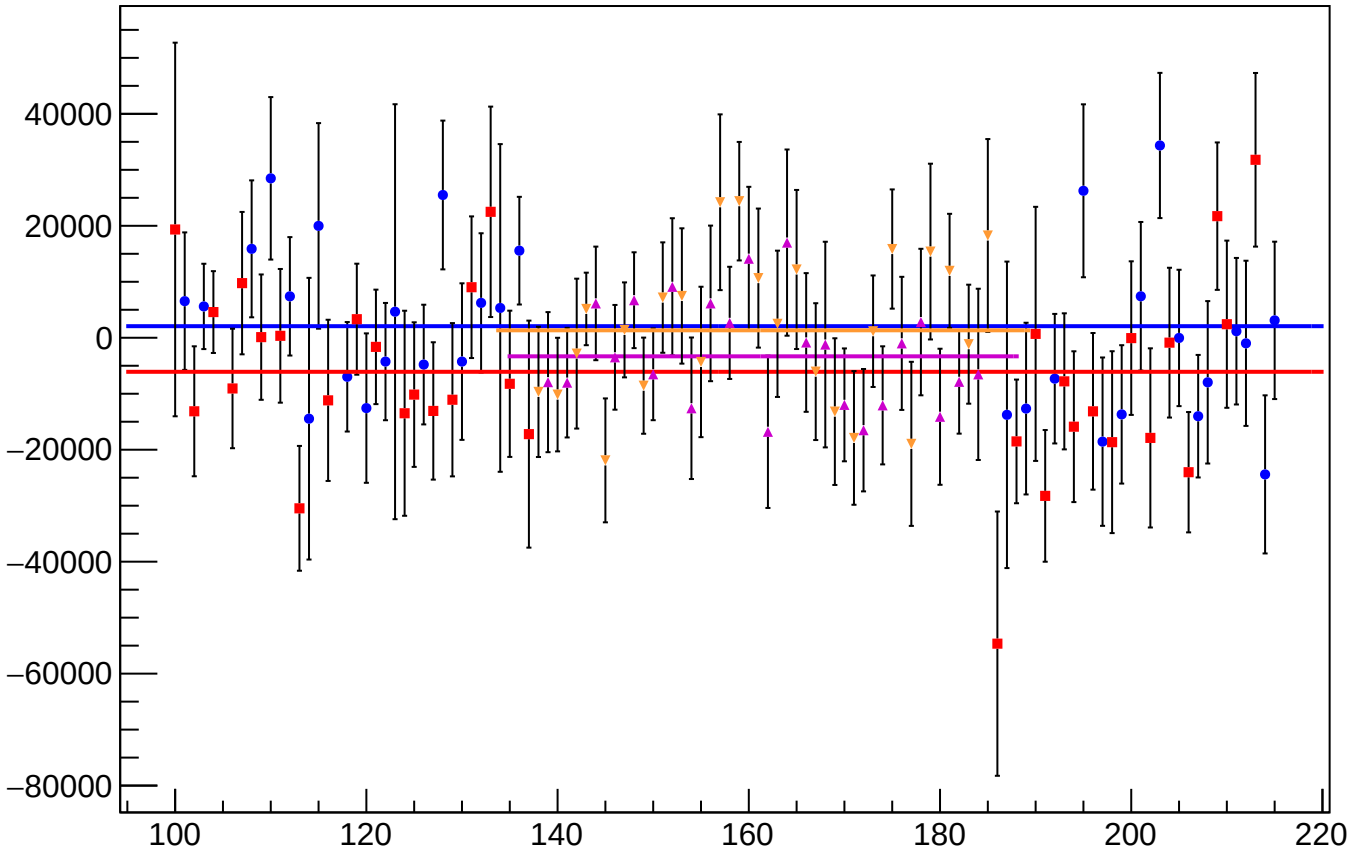
Right Out: 6825.632+/-1.337 χ^2/NDF: 7862734.9/33

Left In: 9403.481+/-1.622 χ^2/NDF:1142646.9/22

\+ sign 8650.779+/-1.068 χ^2/NDF: 5425668.2/56

All: 8246.016+/-0.742 χ^2/NDF: 16212573.1/1

\- sign 7868.515+/-1.032 χ^2/NDF: 10509443.0/56



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: -6080.419+/-2202.608 χ^2/NDF: 41.1/33

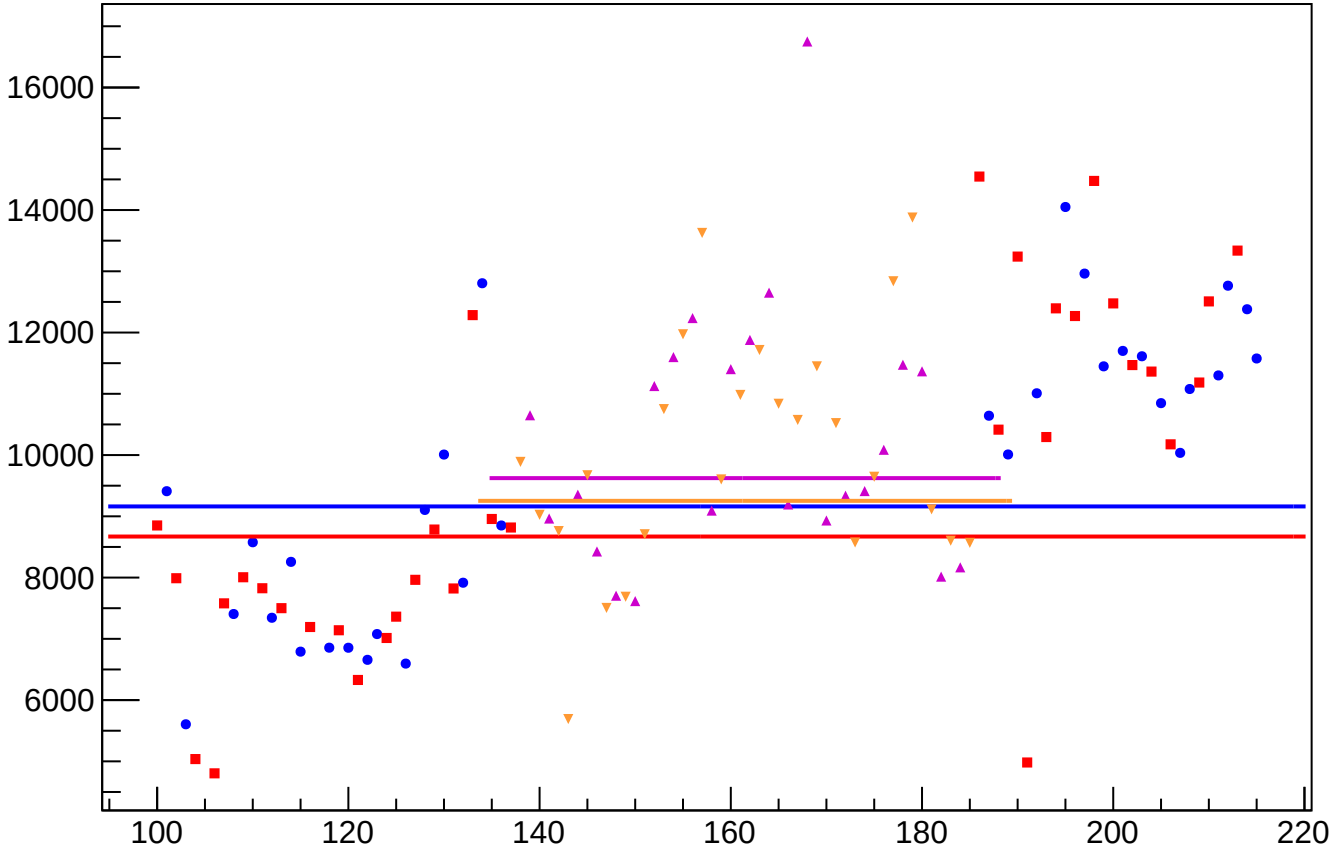
Left In: -3316.909+/-2344.543 χ^2/NDF:13.7/22

+ sign 1690.147+/-1587.358 χ^2/NDF: 63.4/56

All: -1510.935+/-1128.726 χ^2/NDF: 127.1/11

- sign -4784.840+/-1605.312 χ^2/NDF: 55.5/56

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: 8670.060+/-1.557 χ^2/NDF: 2868828.6/33

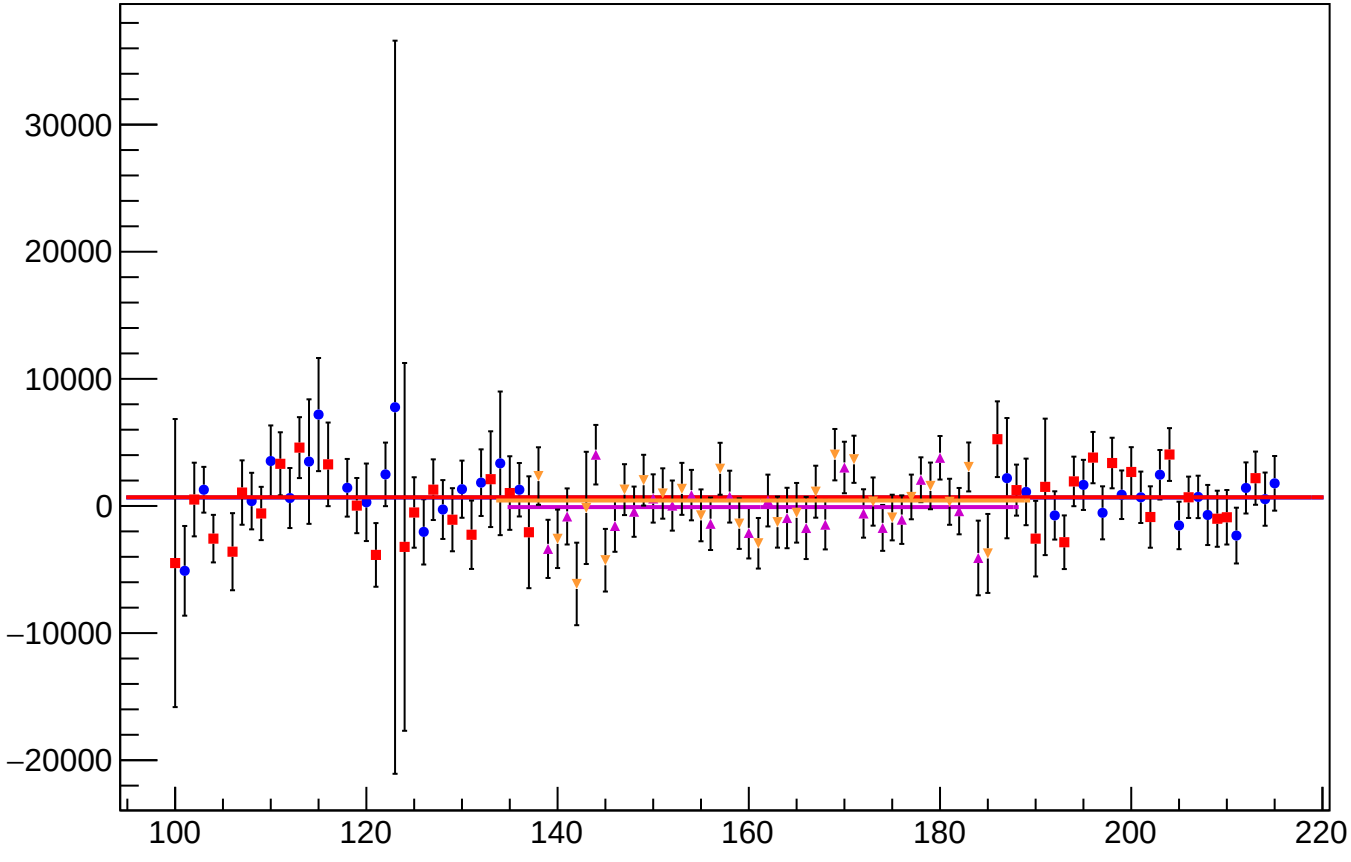
Left In: 9623.485+/-1.658 χ^2/NDF:1069924.0/22

+ sign 9208.345+/-1.122 χ^2/NDF: 3668083.5/56

All: 9163.182+/-0.798 χ^2/NDF: 7785810.7/11

- sign 9116.995+/-1.135 χ^2/NDF: 4114452.4/56

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: 686.840+/-417.108 χ^2/NDF: 32.8/33

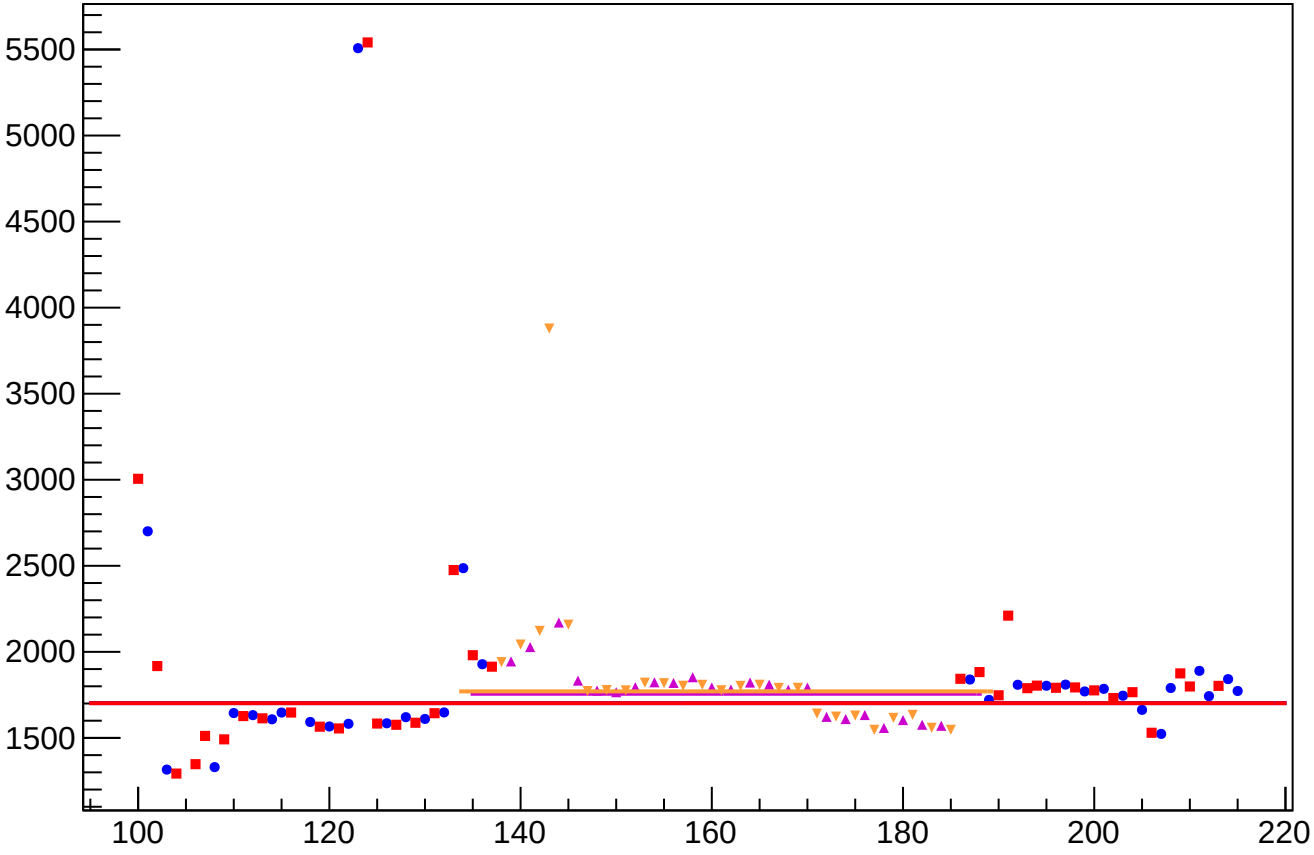
Left In: -88.373+/-421.957 χ^2/NDF:21.0/22

+ sign 547.479+/-293.327 χ^2/NDF: 43.9/56

All: 426.965+/-208.575 χ^2/NDF: 99.7/113

- sign 303.713+/-296.640 χ^2/NDF: 55.4/56

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

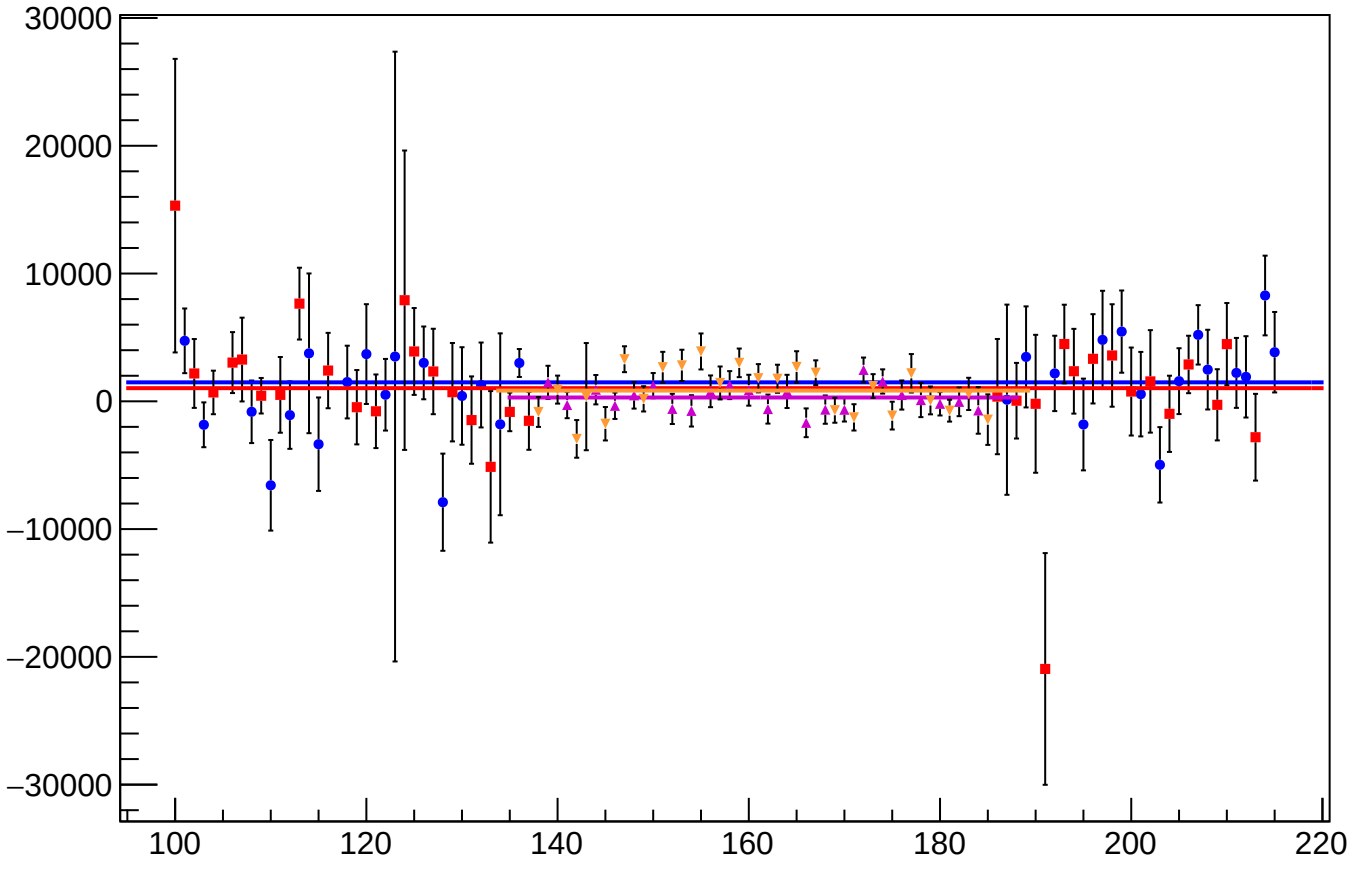
Right Out: 1701.907+/-0.295 χ^2/NDF: 579161.5/33

Left In: 1756.623+/-0.298 χ^2/NDF:223077.6/22

+ sign 1736.131+/-0.207 χ^2/NDF: 1237233.7/56

All: 1732.580+/-0.147 χ^2/NDF: 2057074.8/11

- sign 1728.949+/-0.210 χ^2/NDF: 819248.4/56



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: 1029.372+/-488.666 χ^2/NDF: 27.3/33

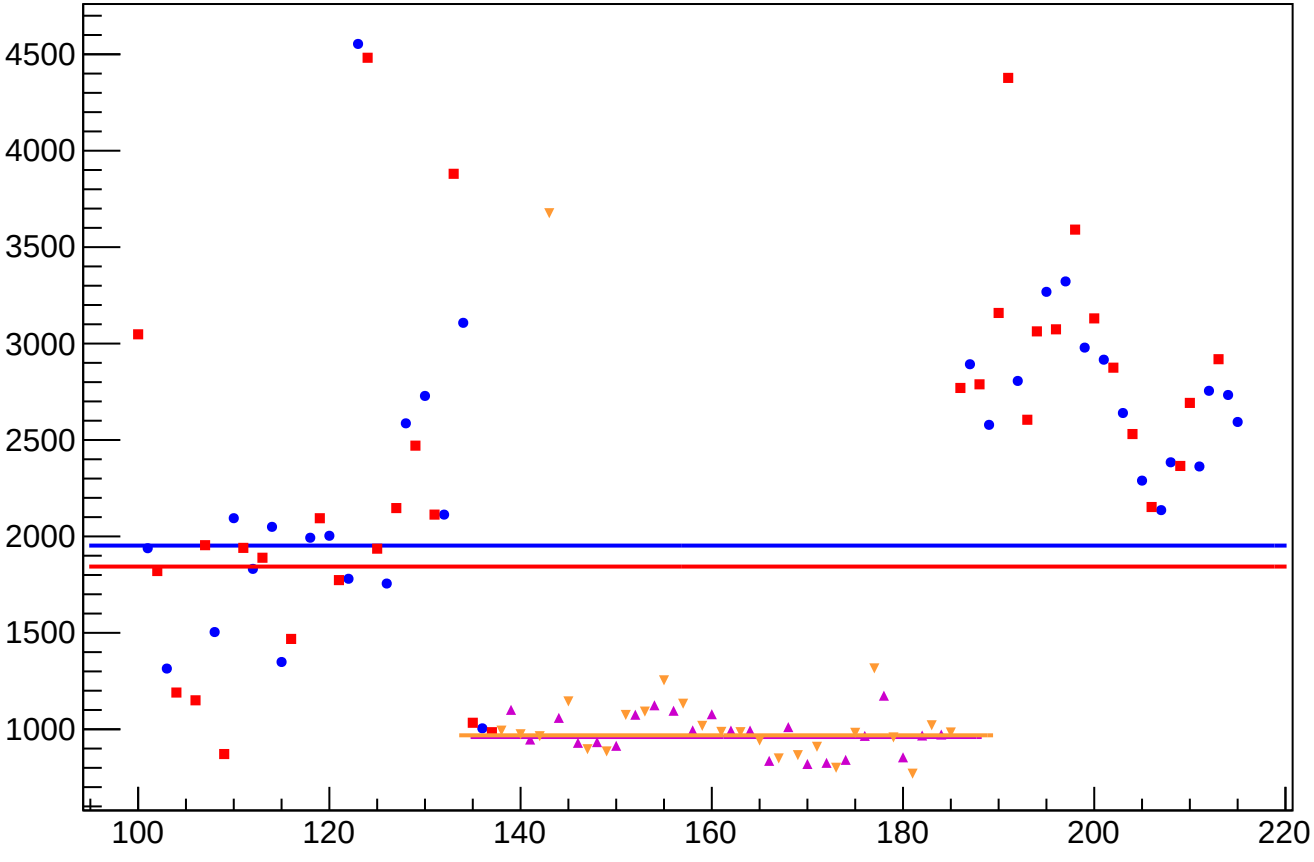
Left In: 298.801+/-231.400 χ^2/NDF:18.3/22

+ sign 952.682+/-209.225 χ^2/NDF: 95.3/56

All: 692.539+/-147.913 χ^2/NDF: 145.8/113

- sign 432.614+/-209.137 χ^2/NDF: 47.5/56

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

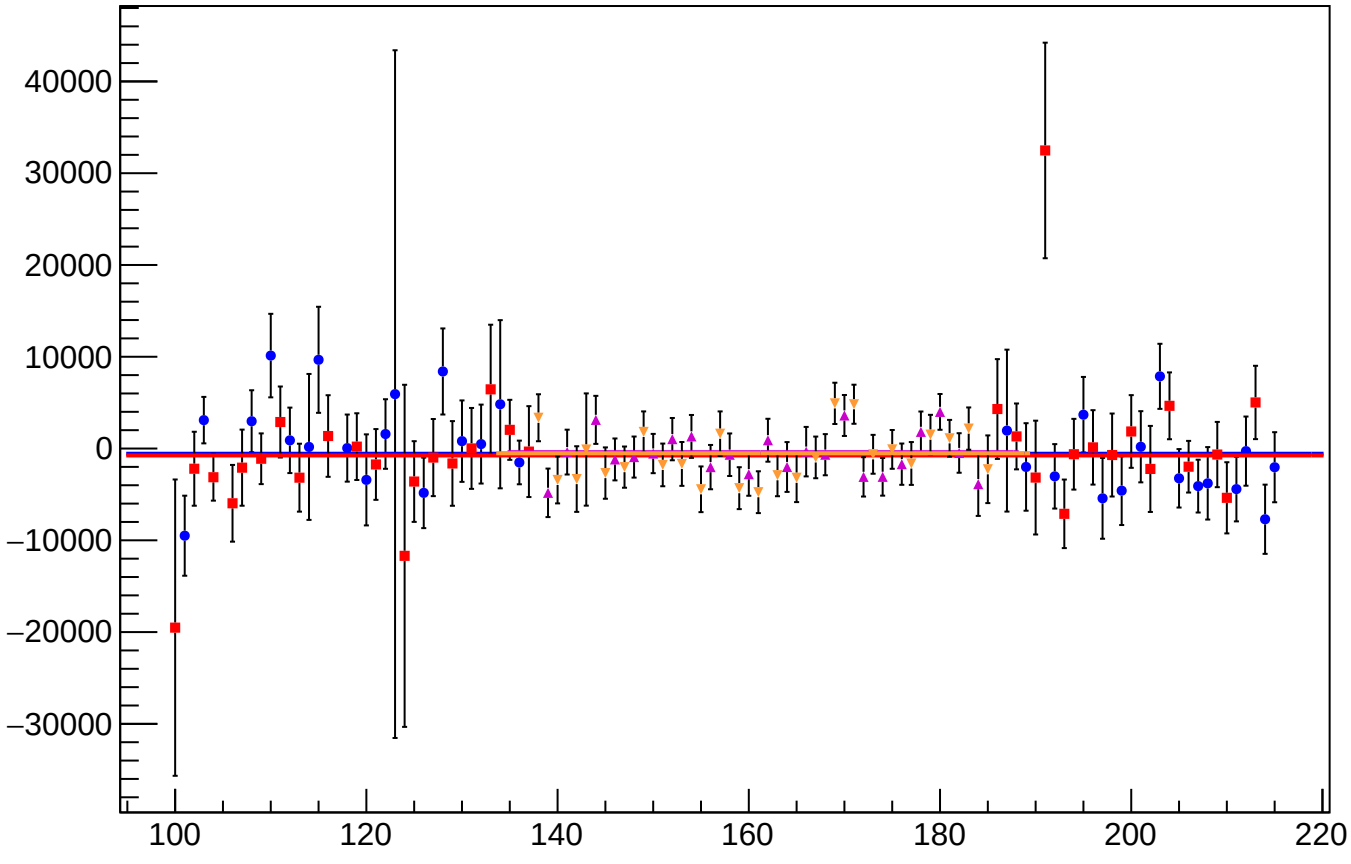
Right Out: 1843.683+/-0.346 χ^2/NDF: 5349446.4/33

Left In: 959.805+/-0.164 χ^2/NDF:371210.5/22

+ sign 1141.690+/-0.148 χ^2/NDF: 11655151.1/56

All: 1131.690+/-0.105 χ^2/NDF: 22729681.5/1

- sign 1121.698+/-0.148 χ^2/NDF: 11065396.5/56



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: -755.771+/-694.085 χ^2/NDF: 27.1/33

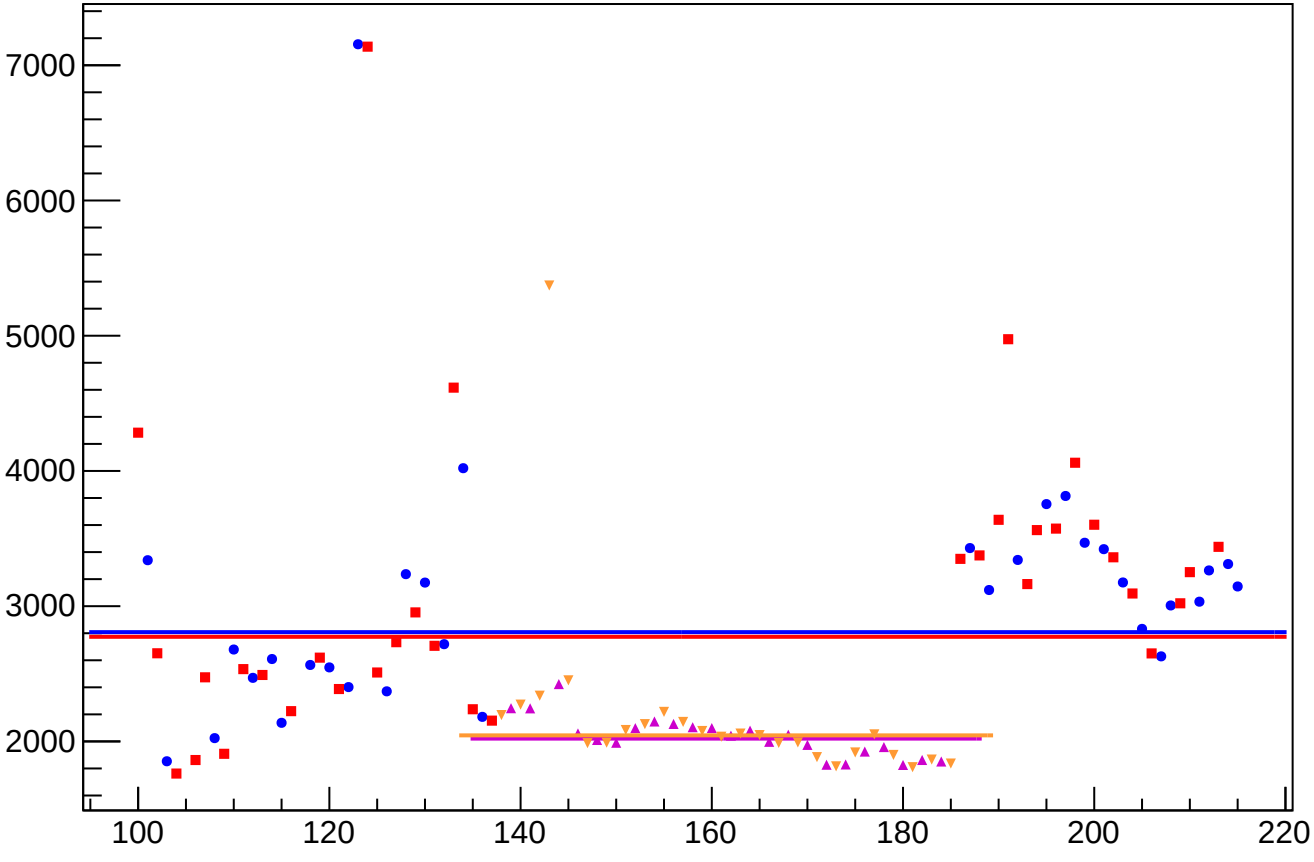
Left In: -397.398+/-485.048 χ^2/NDF:21.8/22

+ sign -533.696+/-394.835 χ^2/NDF: 74.1/56

All: -524.407+/-280.158 χ^2/NDF: 123.2/113

- sign -514.988+/-397.585 χ^2/NDF: 49.0/56

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: 2773.623+/-0.491 χ^2/NDF: 1818654.1/33

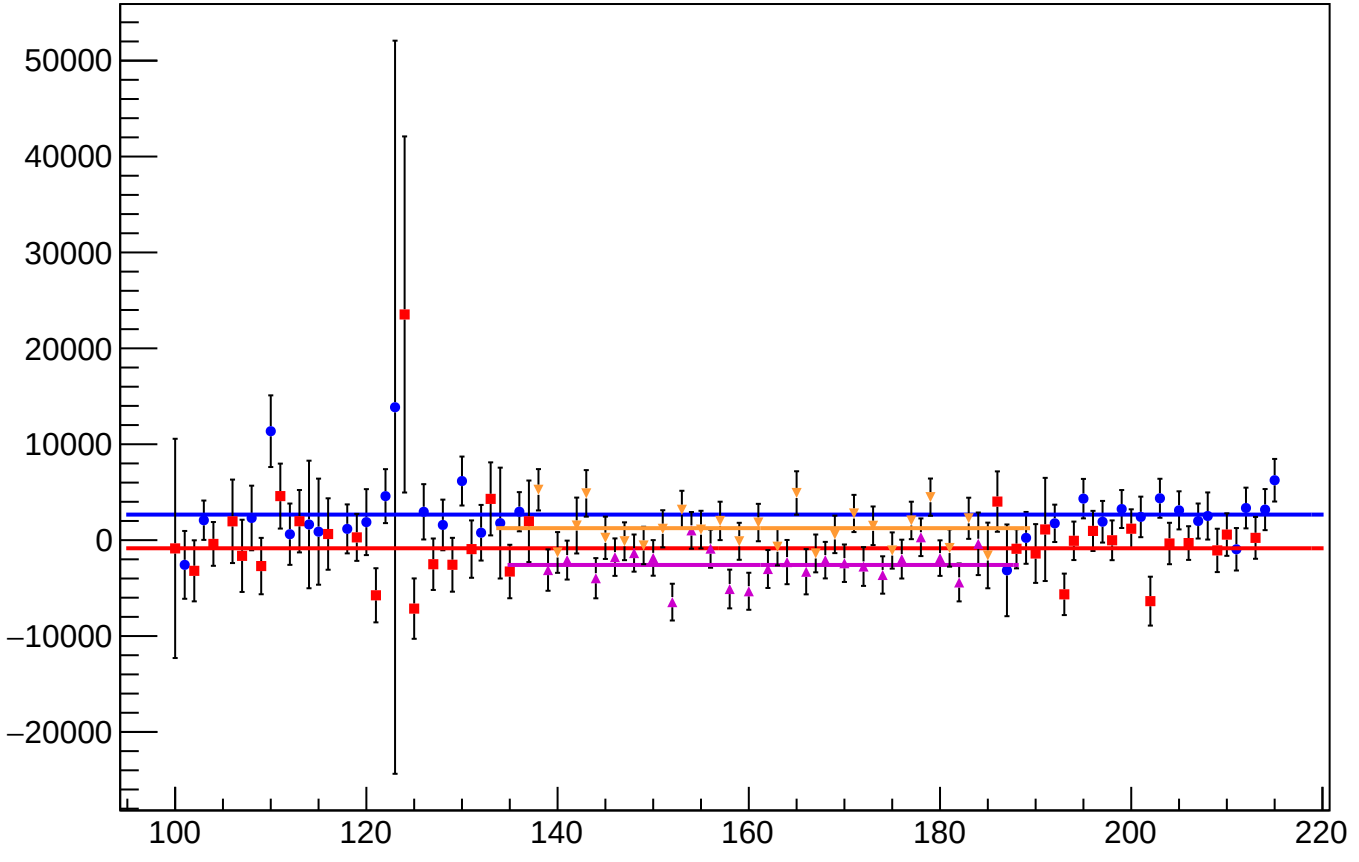
Left In: 2020.802+/-0.343 χ^2/NDF:173502.0/22

+ sign 2294.731+/-0.279 χ^2/NDF: 3710451.3/56

All: 2281.369+/-0.198 χ^2/NDF: 7288038.5/11

- sign 2267.820+/-0.281 χ^2/NDF: 3572973.8/56

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: -847.353+/-457.903 χ^2/NDF: 32.7/33

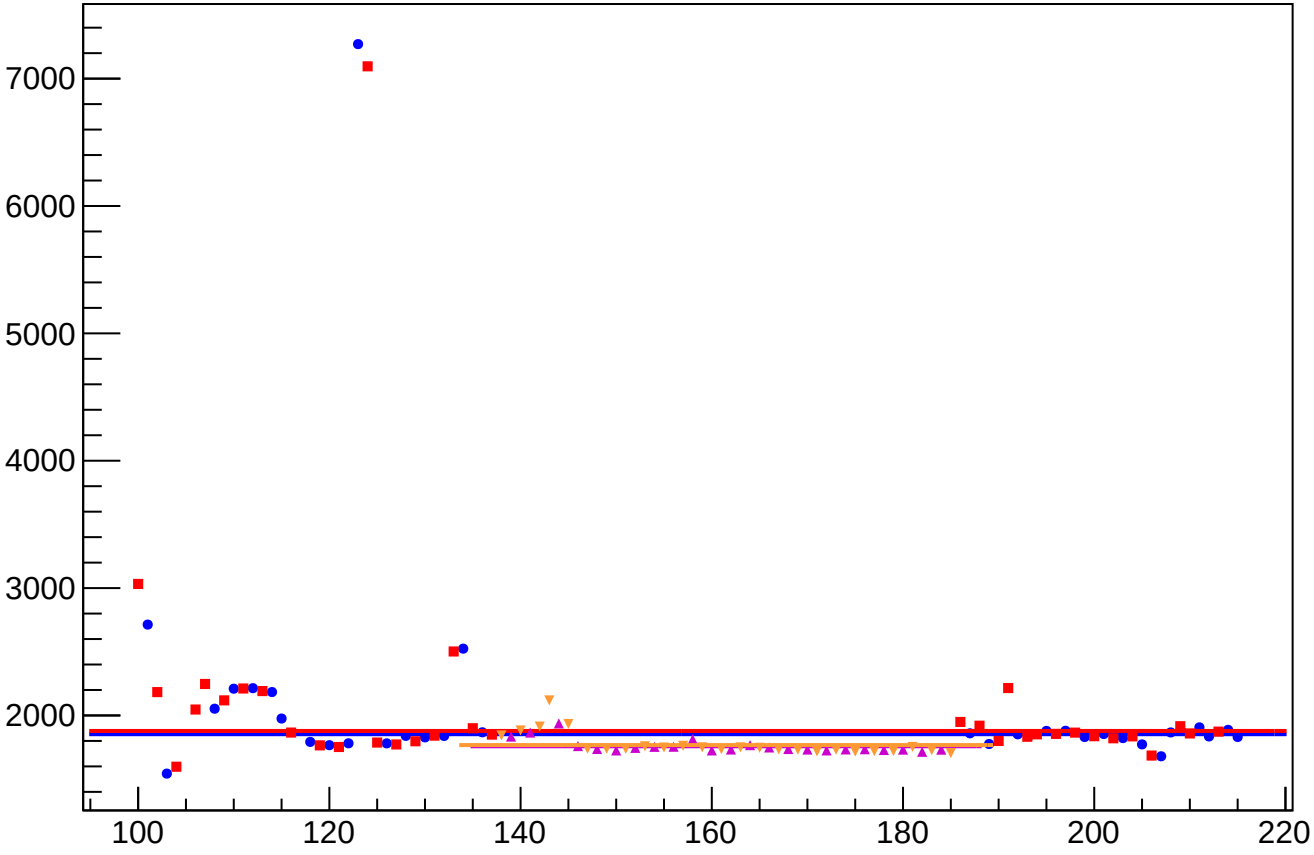
Left In: -2586.937+/-421.510 χ^2/NDF:17.5/22

+ sign 1898.788+/-303.495 χ^2/NDF: 49.8/56

All: 94.708+/-216.908 χ^2/NDF: 180.1/113

- sign -1789.011+/-310.122 χ^2/NDF: 58.0/56

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: 1878.357+/-0.324 χ^2/NDF: 409784.7/33

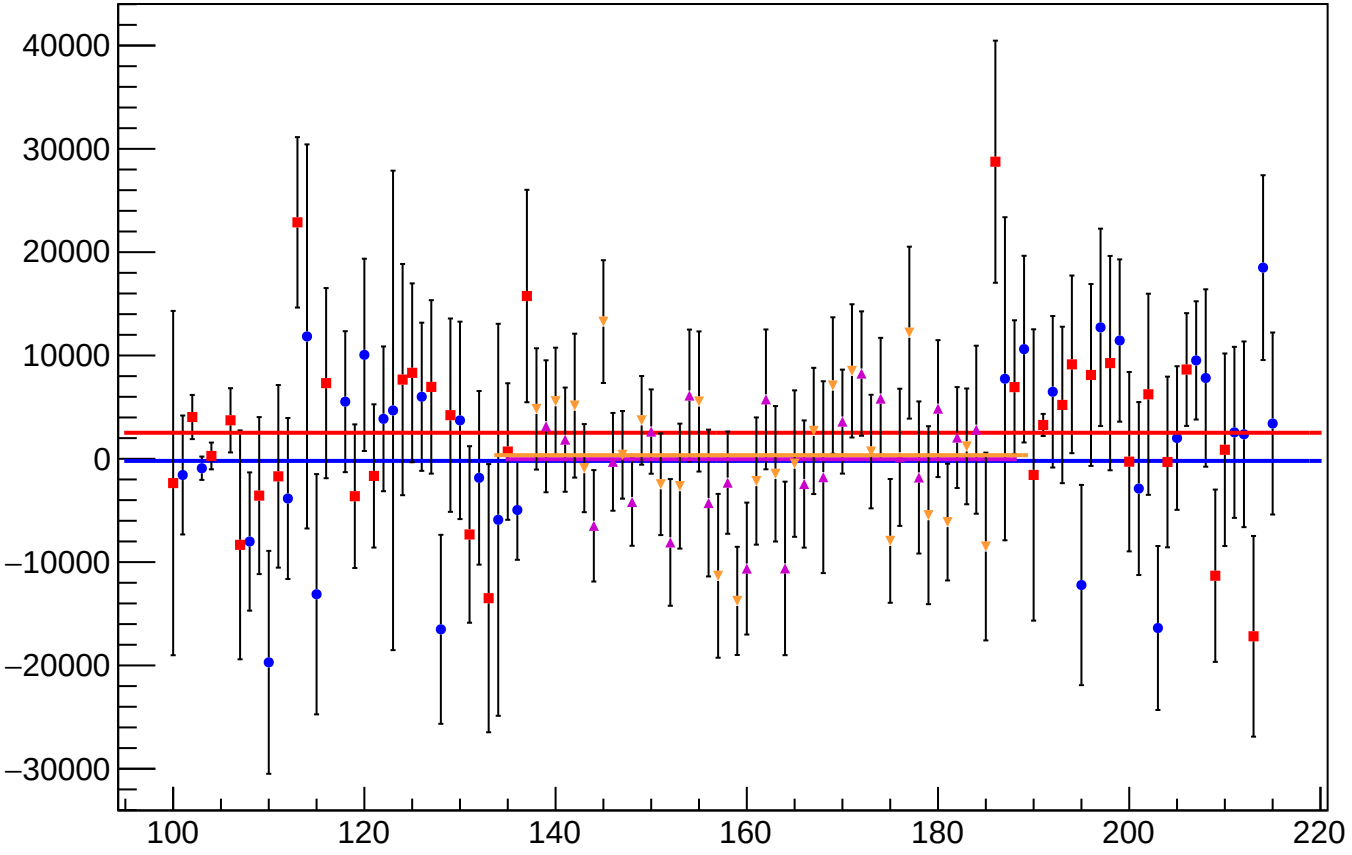
Left In: 1758.076+/-0.298 χ^2/NDF:29806.0/22

+ sign 1806.654+/-0.215 χ^2/NDF: 436579.0/56

All: 1809.898+/-0.153 χ^2/NDF: 951386.9/113

- sign 1813.284+/-0.219 χ^2/NDF: 514340.8/56

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: 2519.739+/-674.489 χ^2/NDF: 34.8/33

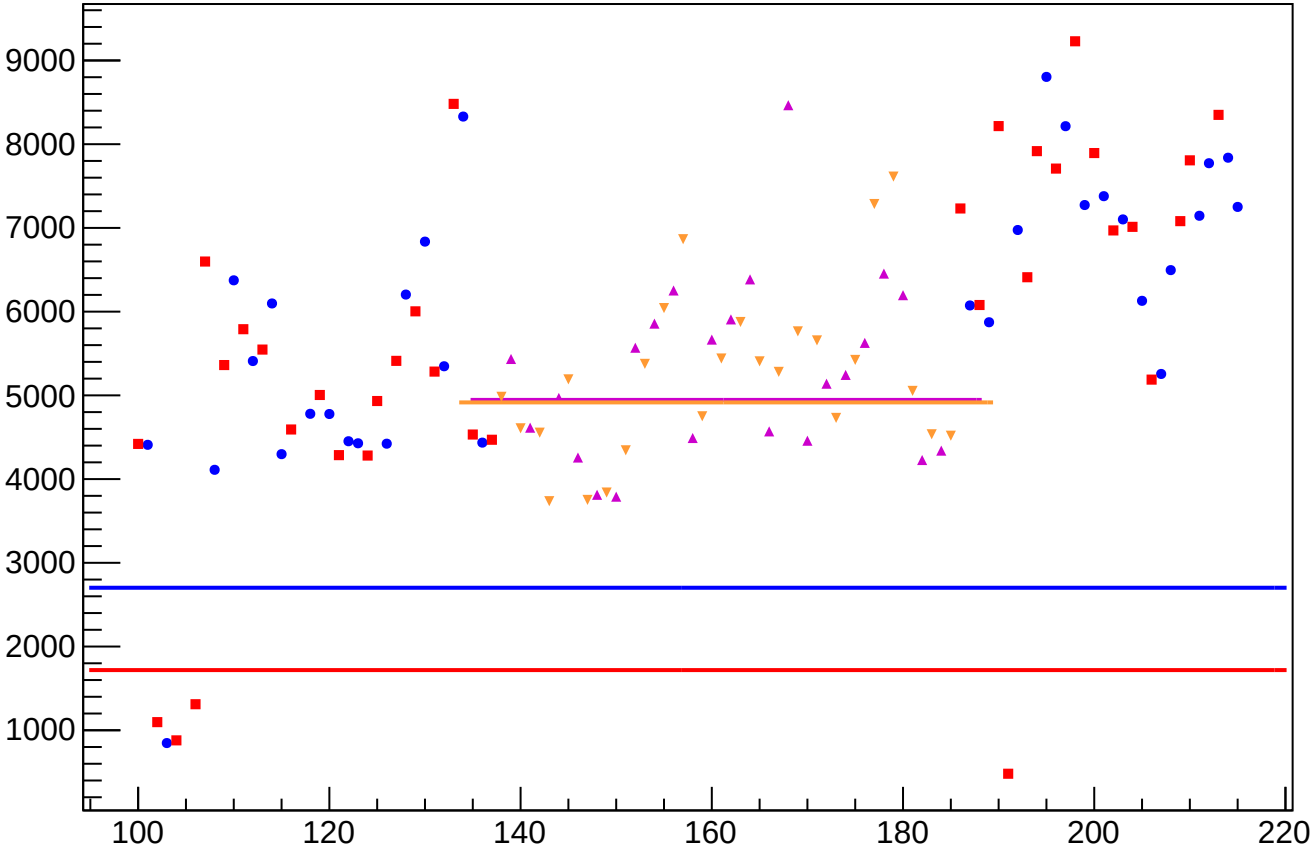
Left In: -40.618+/-1207.491 χ^2/NDF:16.0/22

+ sign 1.248+/-710.546 χ^2/NDF: 63.4/56

All: 1133.335+/-453.392 χ^2/NDF: 121.9/113

- sign 1910.844+/-588.850 χ^2/NDF: 54.2/56

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: 1718.698+/-0.477 χ^2/NDF: 20371063.6/33

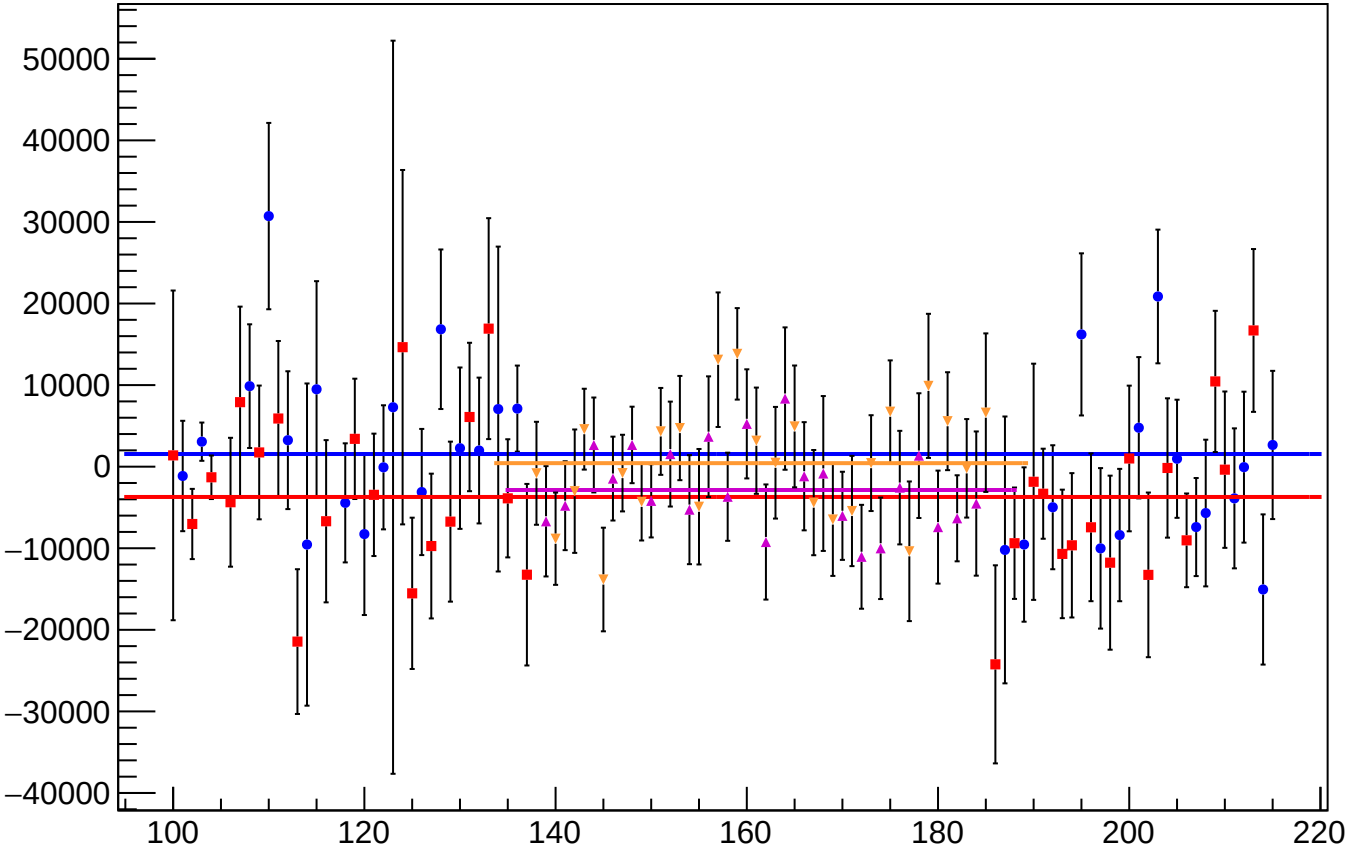
Left In: 4945.817+/-0.854 χ^2/NDF:1188288.6/22

+ sign 3518.603+/-0.502 χ^2/NDF: 21858335.7/56

All: 2906.529+/-0.321 χ^2/NDF: 56809092.4/1

- sign 2486.160+/-0.416 χ^2/NDF: 32447436.5/56

asym_atl1r2_avg_mean vs Slug



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: -3713.905+/-1287.685 χ^2/NDF: 30.8/33

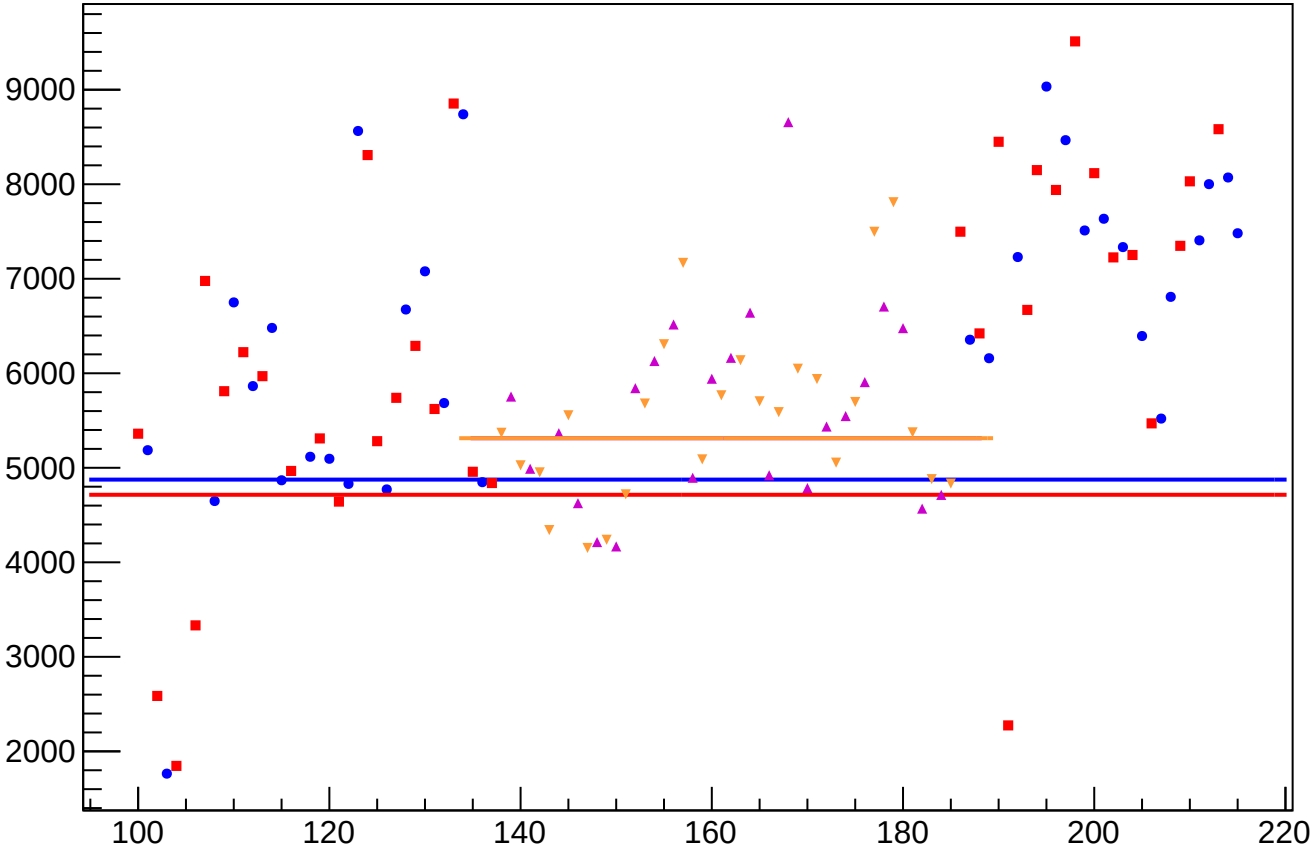
Left In: -2860.252+/-1292.328 χ^2/NDF:12.9/22

+ sign 972.512+/-904.562 χ^2/NDF: 62.2/56

All: -1140.211+/-642.294 χ^2/NDF: 117.1/113

- sign -3288.615+/-912.168 χ^2/NDF: 43.9/56

asym_atl1r2_avg_rms vs Slug



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: 4714.573+/-0.907 χ^2/NDF: 6637021.9/33

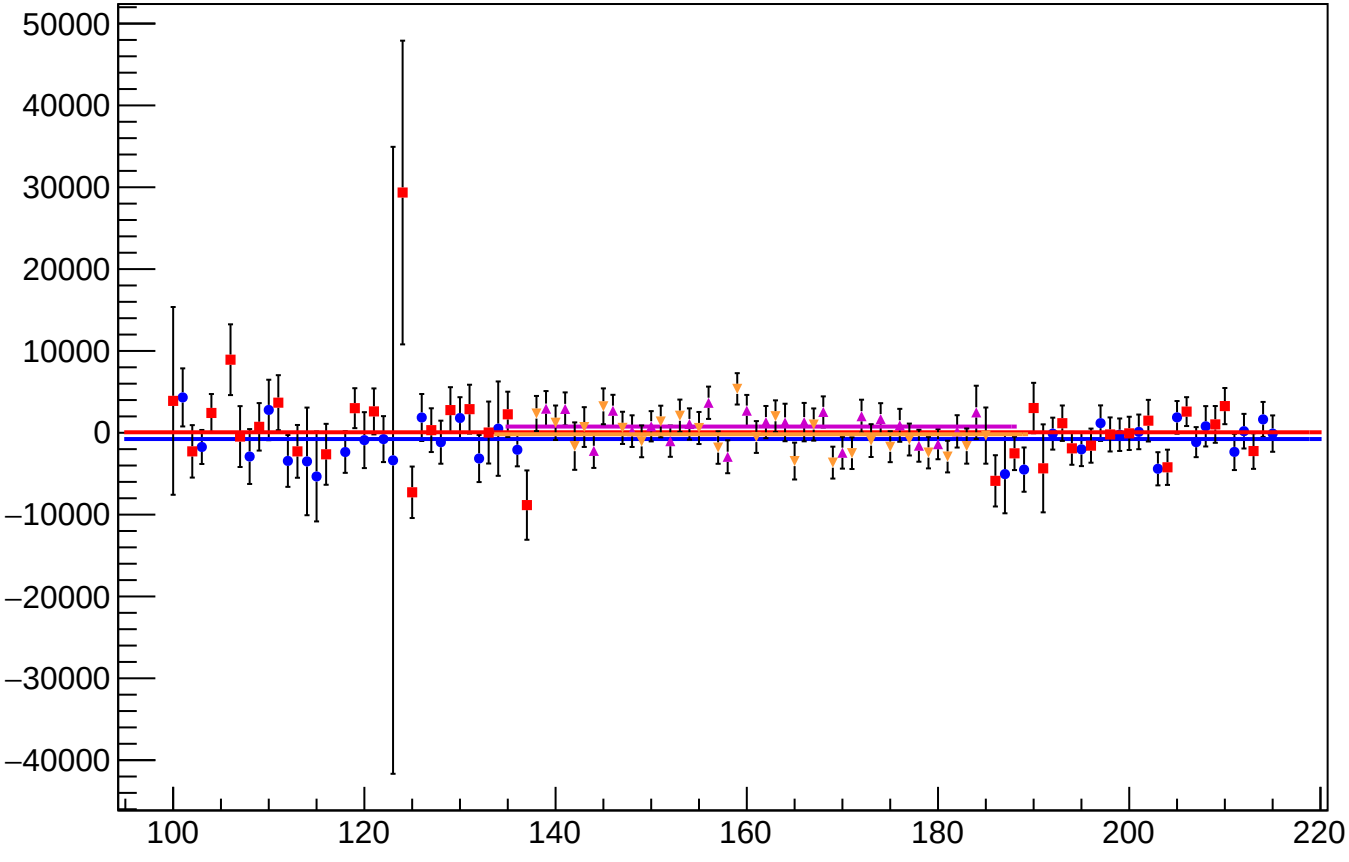
Left In: 5312.861+/-0.914 χ^2/NDF:957400.7/22

+ sign 5101.428+/-0.640 χ^2/NDF: 7375998.2/56

All: 5056.672+/-0.454 χ^2/NDF: 15196292.4/1

- sign 5011.356+/-0.644 χ^2/NDF: 7810440.5/56

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: 62.216+/-457.462 χ^2/NDF: 43.6/33

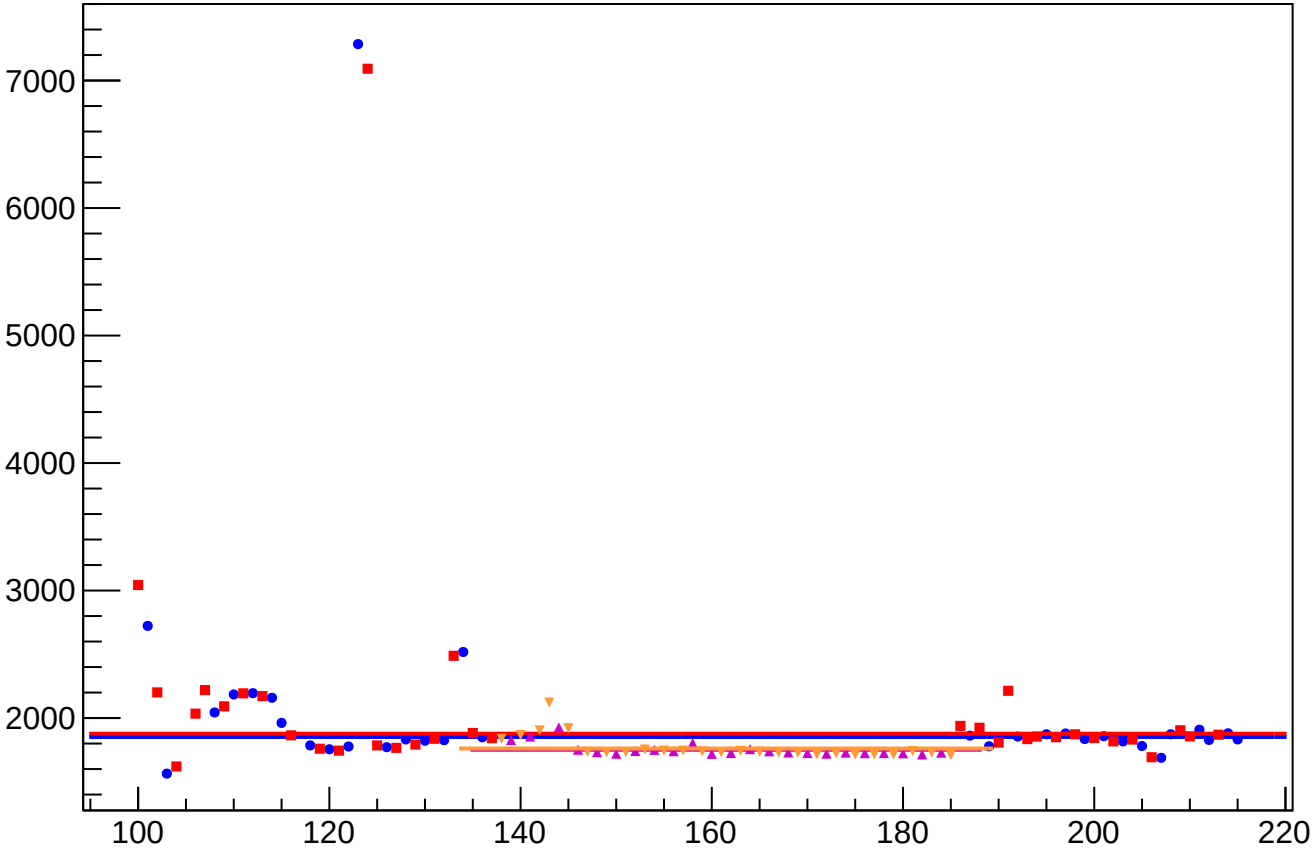
Left In: 759.753+/-419.905 χ^2/NDF:20.3/22

+ sign -447.137+/-302.788 χ^2/NDF: 50.5/56

All: -12.684+/-216.384 χ^2/NDF: 119.8/113

- sign 440.789+/-309.344 χ^2/NDF: 65.1/56

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

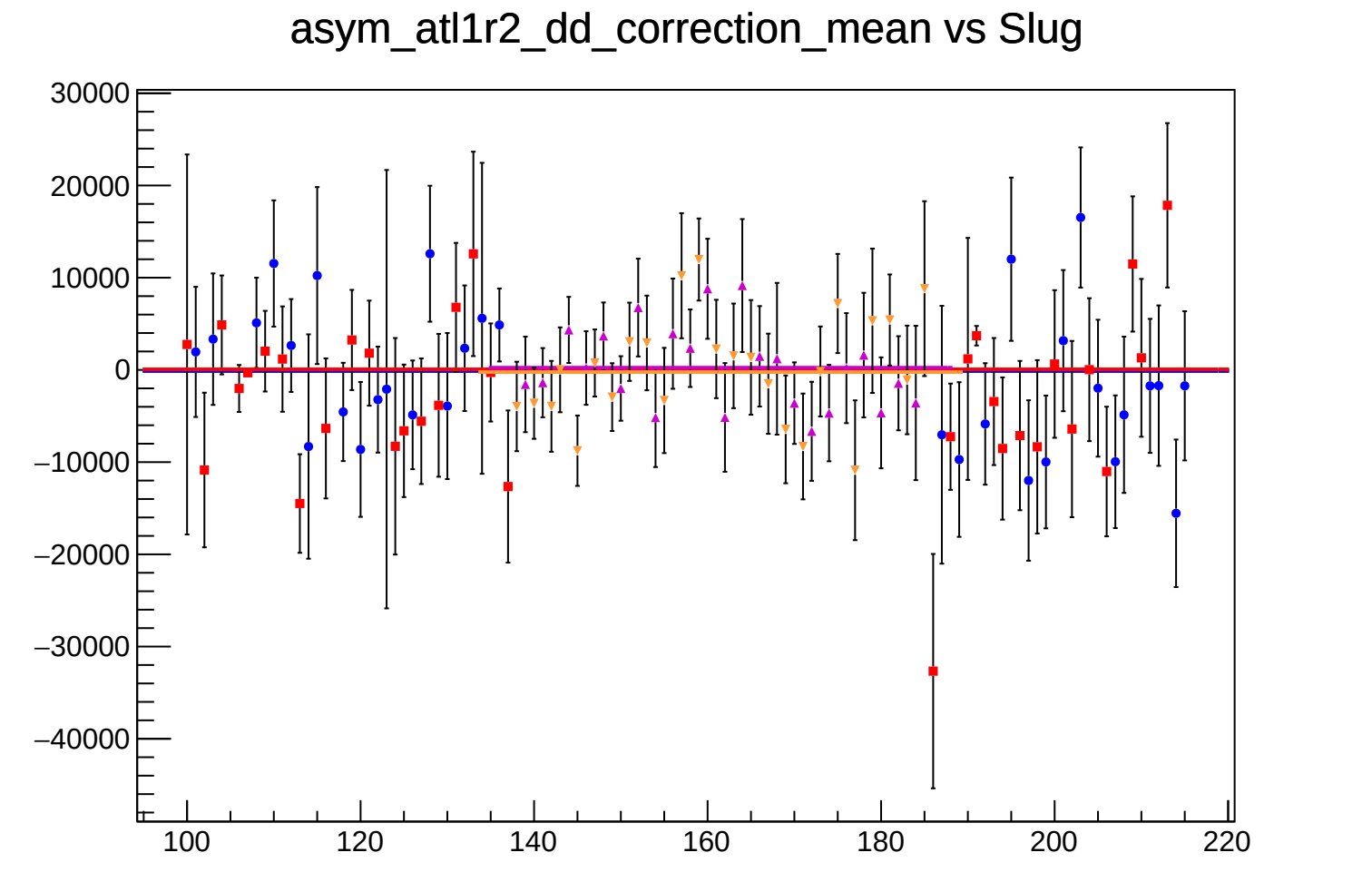
Right Out: 1877.175+/-0.323 χ^2/NDF: 394860.7/33

Left In: 1751.418+/-0.297 χ^2/NDF:28578.7/22

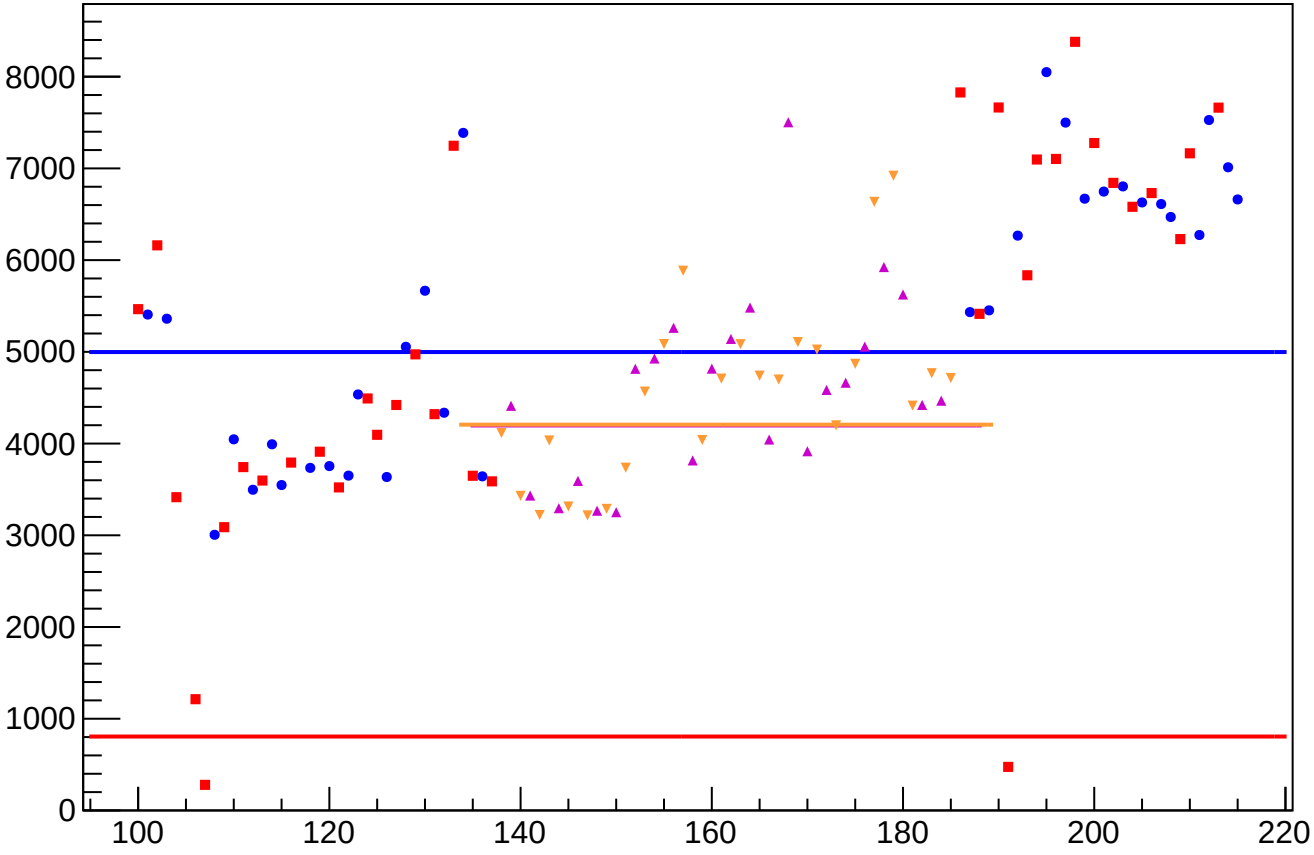
+ sign 1802.578+/-0.214 χ^2/NDF: 429126.4/56

All: 1805.702+/-0.153 χ^2/NDF: 935084.3/113

- sign 1808.961+/-0.219 χ^2/NDF: 505522.9/56


asym_atl1r2_dd_correction_mean vs Slug
30000
20000
10000
0
−10000
−20000
−30000
−40000
100
120
140
160
180
200
220
Right In: -120.354+/-1255.542 χ²/NDF: 33.3/31
Left Out: -235.806+/-1005.144 χ²/NDF:28.9/24
Right Out: 60.776+/-409.550 χ²/NDF: 52.0/33
Left In: 239.224+/-1028.883 χ²/NDF:15.3/22
+ sign -190.713+/-784.669 χ²/NDF: 62.2/56
All: 32.655+/-342.379 χ²/NDF: 129.7/113
- sign 85.183+/-380.513 χ²/NDF: 67.4/56

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: 805.996+/-0.290 χ^2/NDF: 26160935.1/33

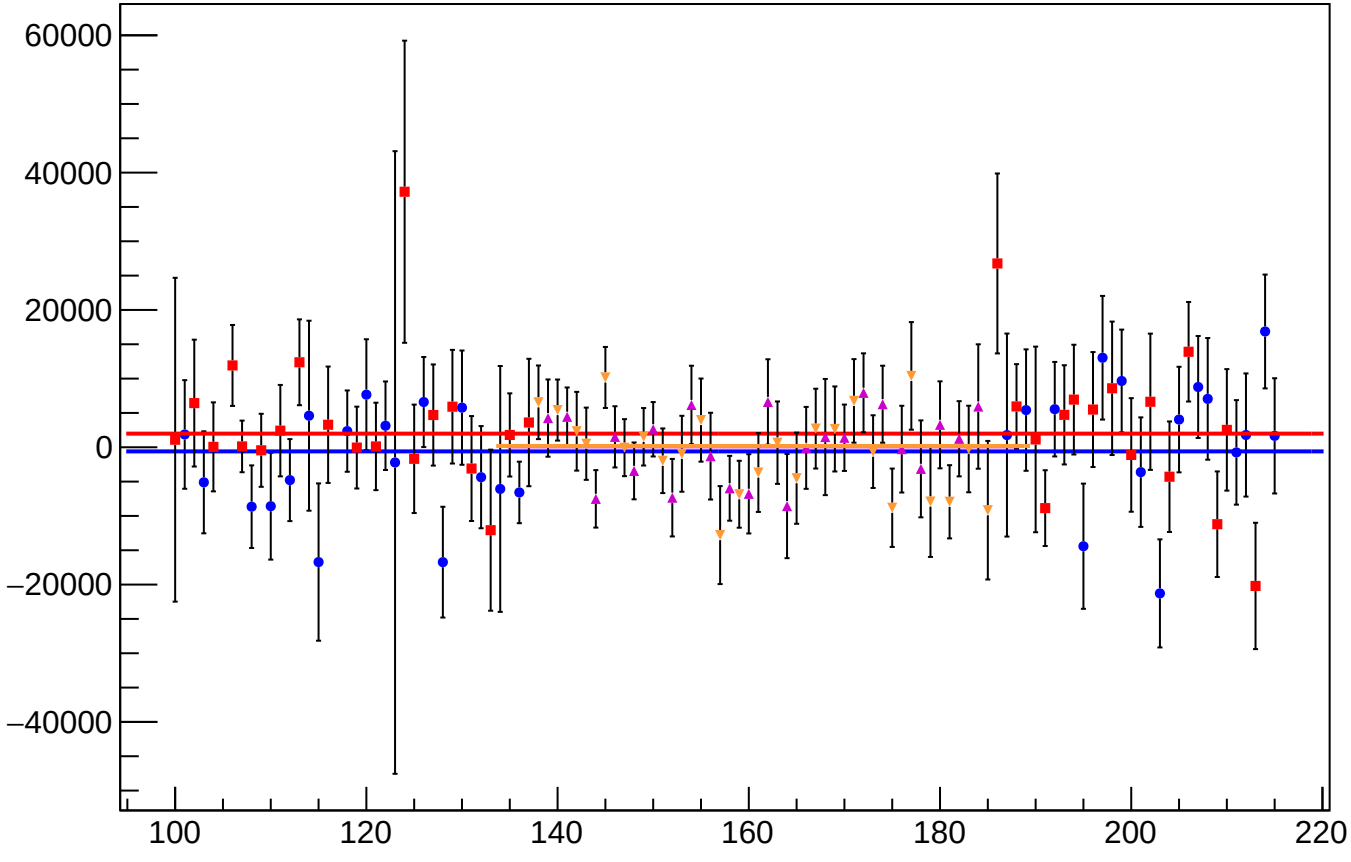
Left In: 4197.267+/-0.728 χ^2/NDF:1471012.9/22

+ sign 4515.323+/-0.555 χ^2/NDF: 4751749.3/56

All: 1887.743+/-0.242 χ^2/NDF: 78840809.7/1

- sign 1269.837+/-0.269 χ^2/NDF: 46388234.7/56

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: 1986.160+/-1257.351 χ^2/NDF: 33.1/33

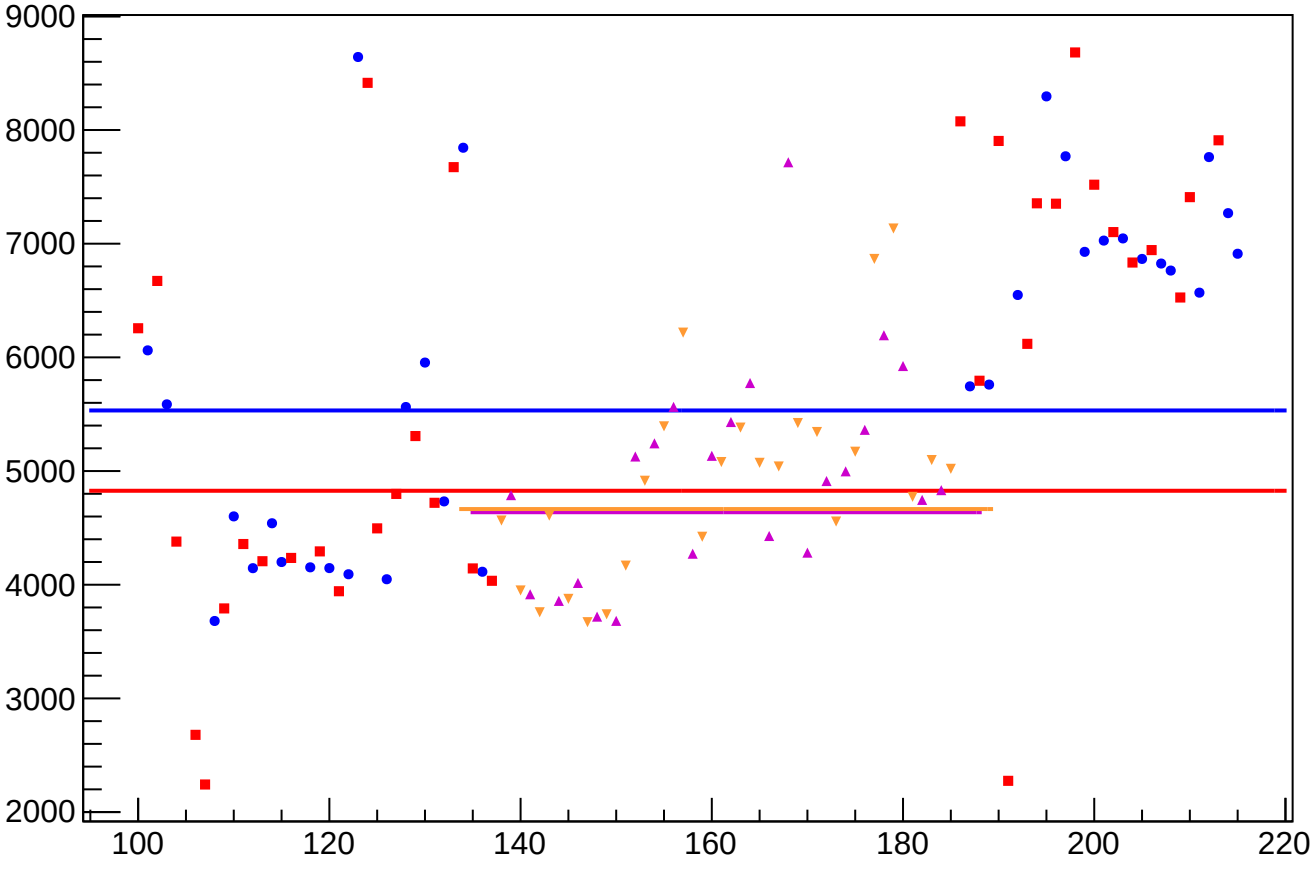
Left In: 137.477+/-1129.656 χ^2/NDF:18.6/22

+ sign -121.899+/-861.727 χ^2/NDF: 62.7/56

All: 434.299+/-601.621 χ^2/NDF: 116.5/113

- sign 963.204+/-840.318 χ^2/NDF: 52.9/56

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: 4826.521+/-0.885 χ^2/NDF: 4316723.2/33

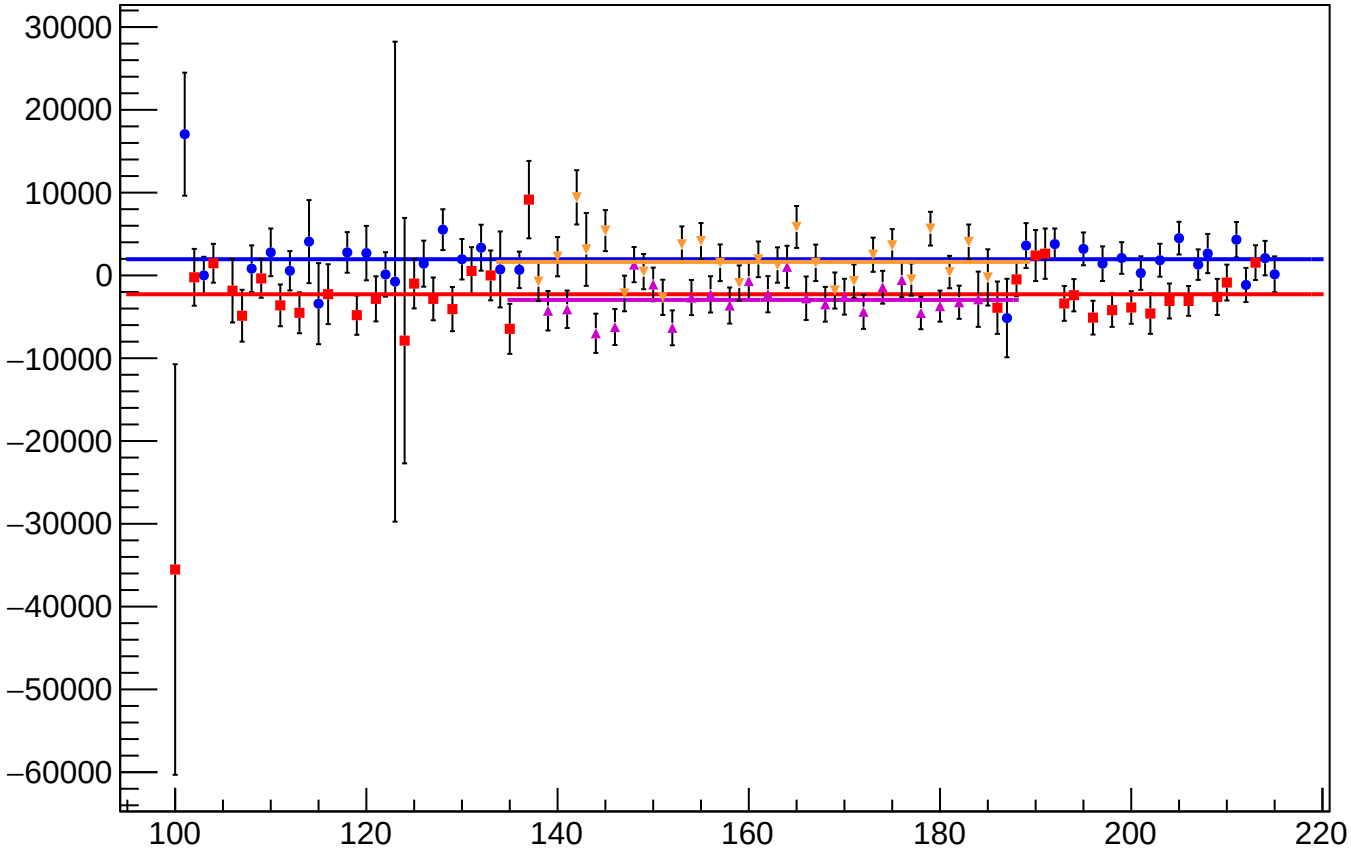
Left In: 4637.777+/-0.799 χ^2/NDF:1065217.2/22

+ sign 5007.245+/-0.609 χ^2/NDF: 3542680.9/56

All: 4861.012+/-0.425 χ^2/NDF: 9061835.2/11

- sign 4722.463+/-0.593 χ^2/NDF: 5406991.2/56

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: -2276.525+/-435.968 χ^2/NDF: 33.3/33

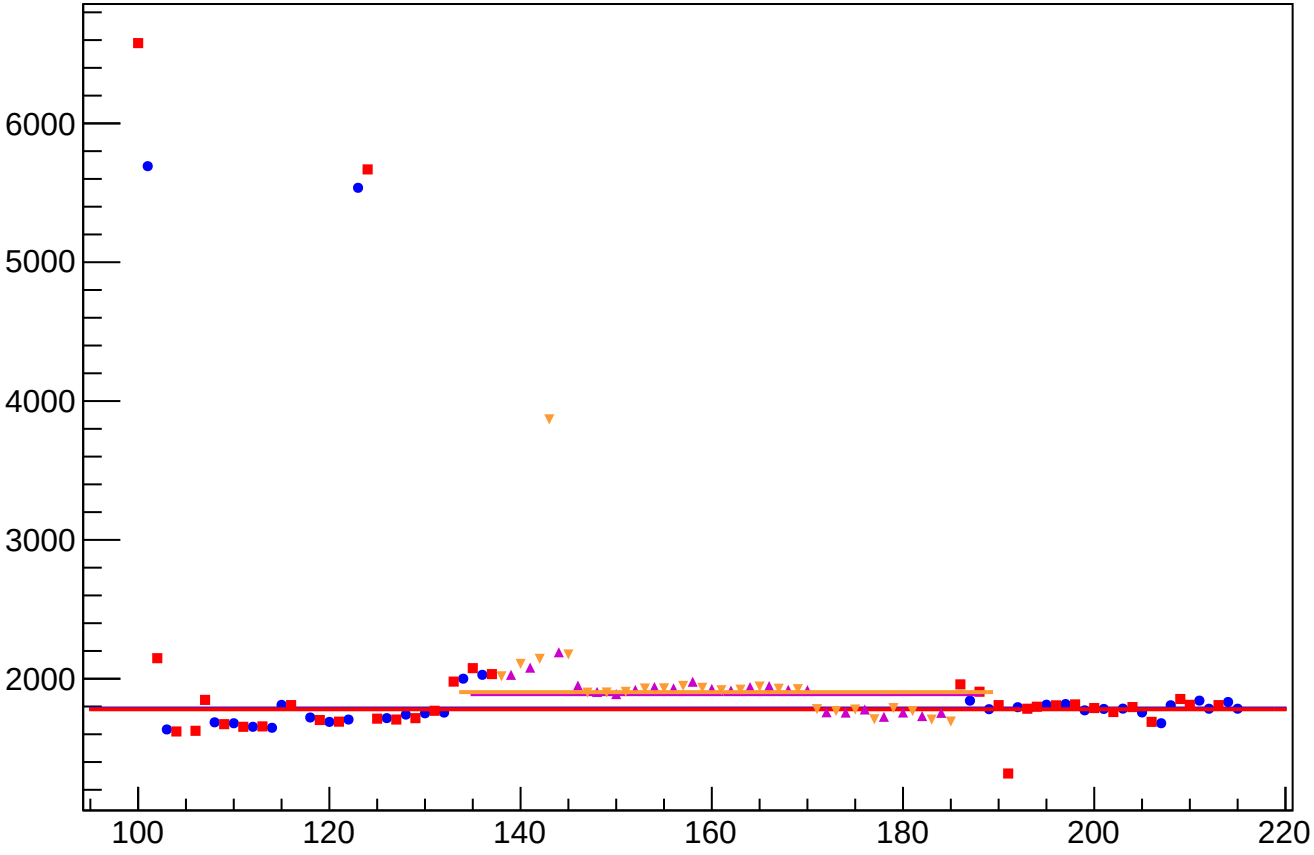
Left In: -2958.620+/-453.688 χ^2/NDF:20.4/22

+ sign 1798.575+/-311.385 χ^2/NDF: 56.8/56

All: -381.823+/-221.225 χ^2/NDF: 210.7/113

- sign -2603.992+/-314.354 χ^2/NDF: 54.9/56

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: 1779.999+/-0.307 χ^2/NDF: 377059.5/33

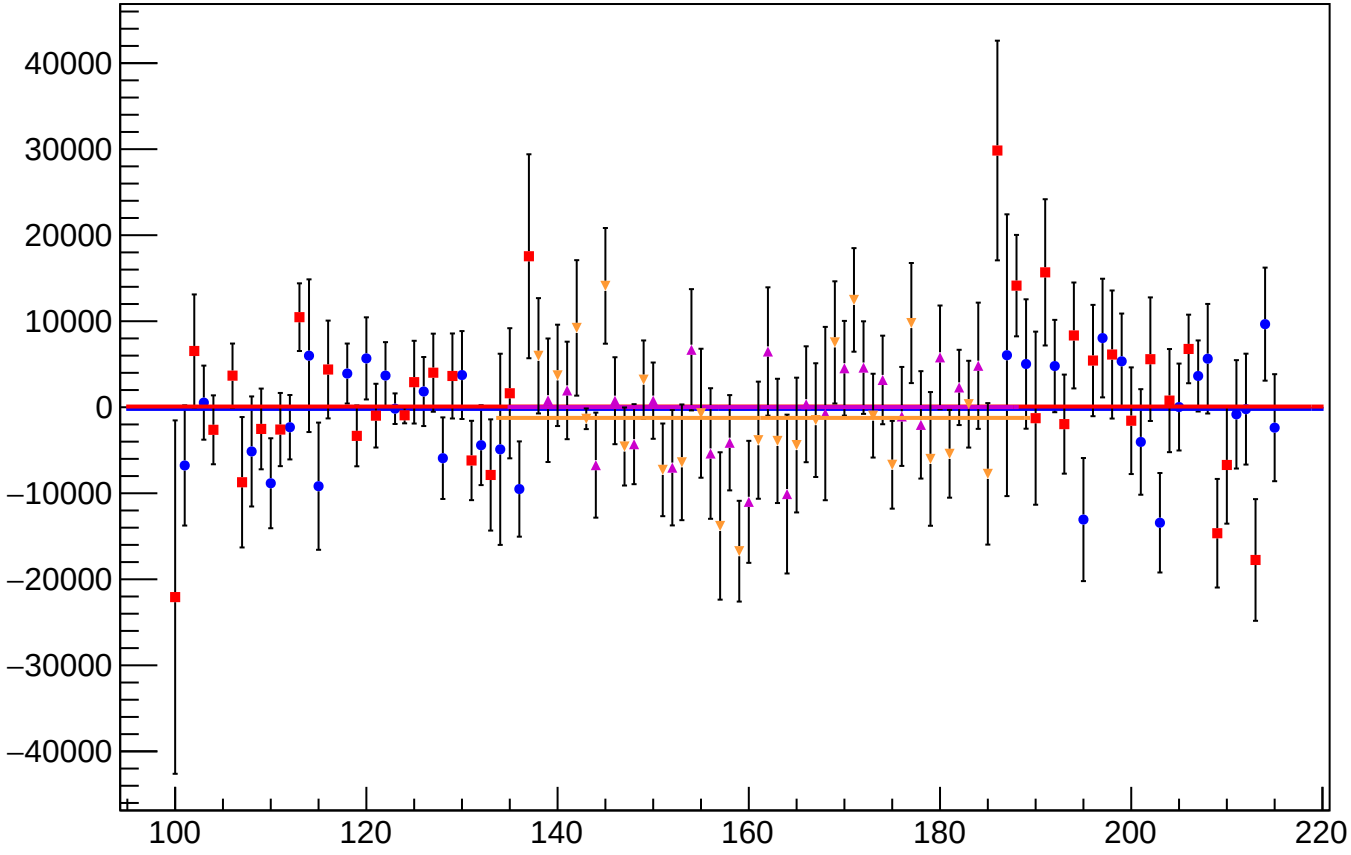
Left In: 1888.927+/-0.321 χ^2/NDF:126417.2/22

+ sign 1842.684+/-0.220 χ^2/NDF: 1269324.9/56

All: 1837.455+/-0.156 χ^2/NDF: 1834040.3/11

- sign 1832.142+/-0.222 χ^2/NDF: 563578.4/56

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: 81.532+/-665.517 χ^2/NDF: 56.6/33

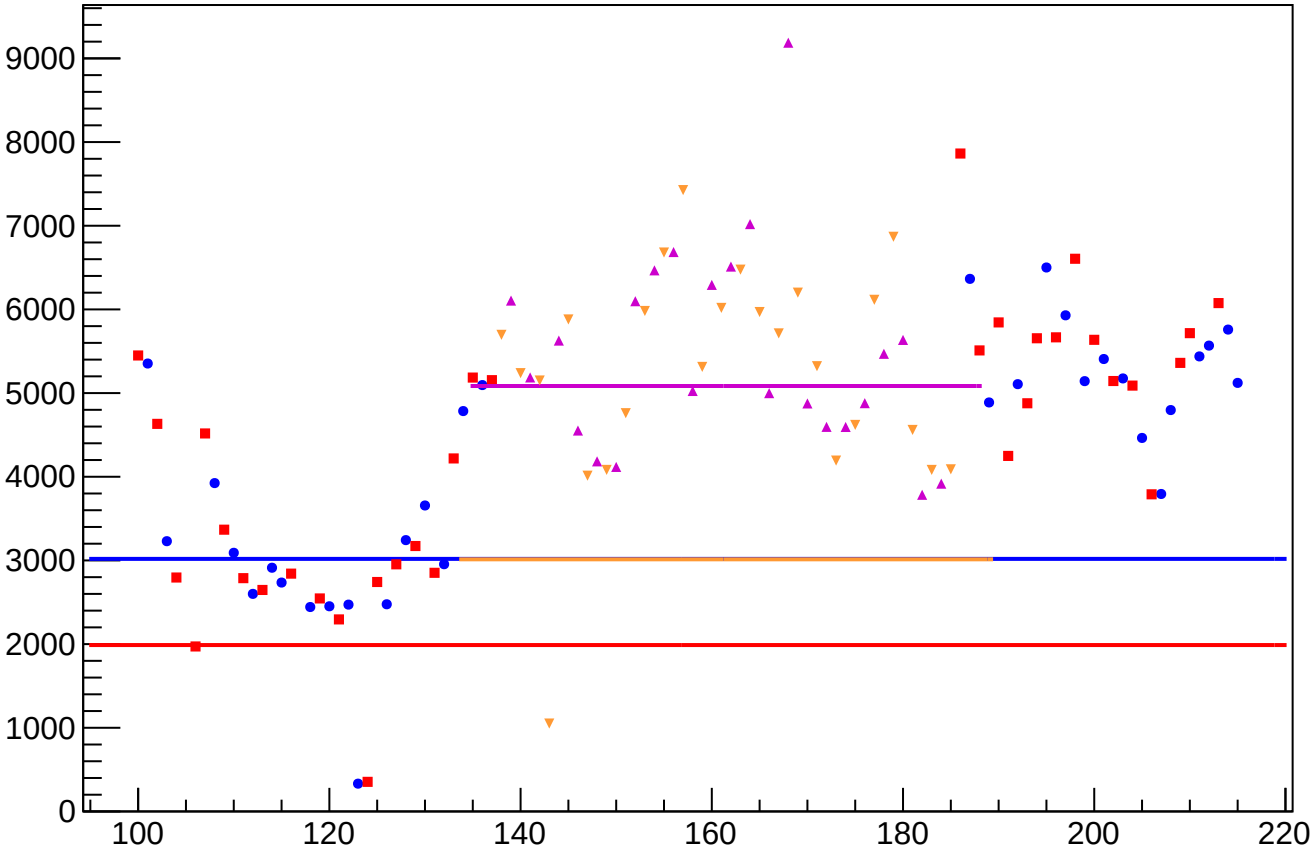
Left In: 15.863+/-1243.317 χ^2/NDF:13.2/22

+ sign -707.704+/-606.271 χ^2/NDF: 68.1/56

All: -307.725+/-421.626 χ^2/NDF: 138.7/113

- sign 66.907+/-586.747 χ^2/NDF: 69.8/56

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: 1988.704+/-0.471 χ^2/NDF: 16325720.6/33

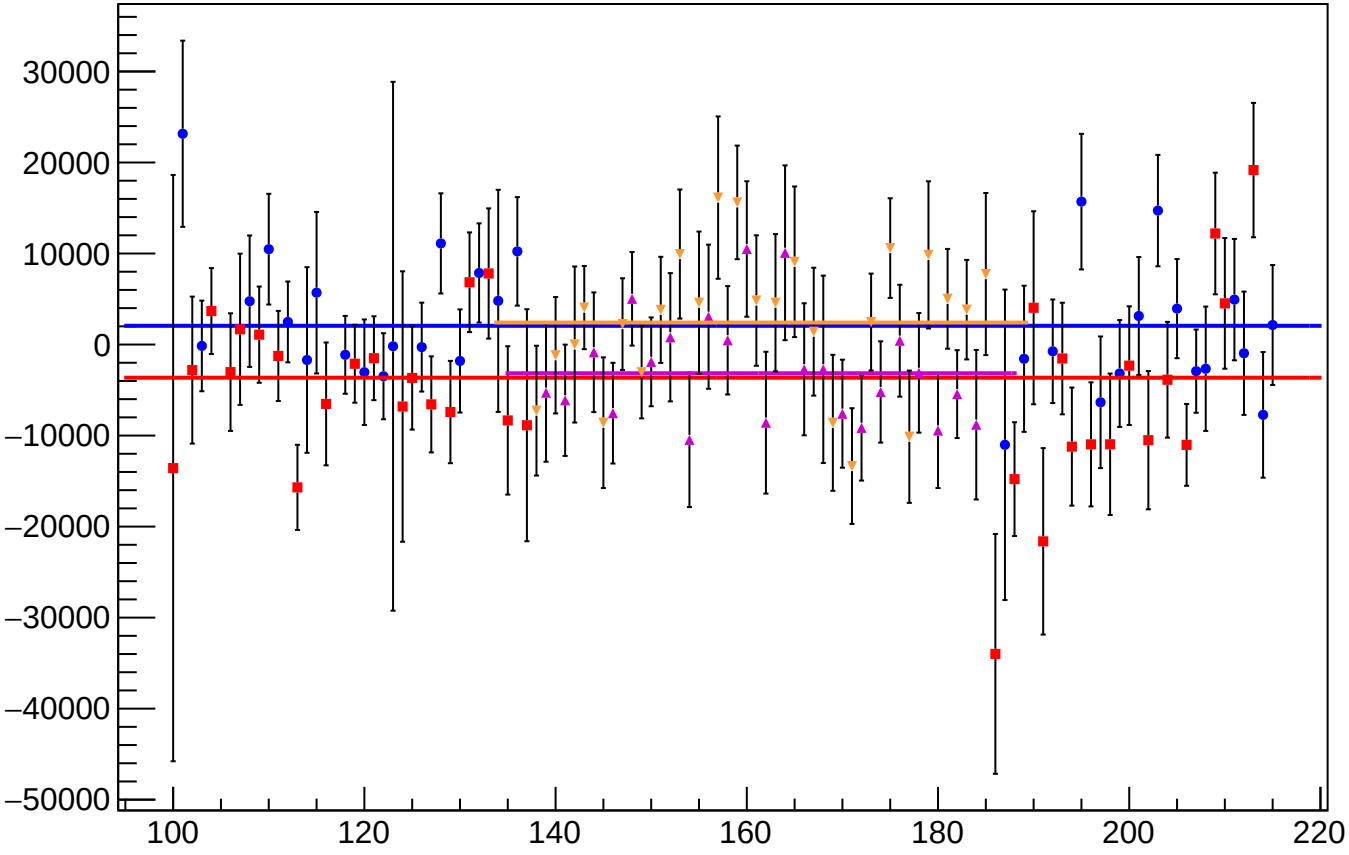
Left In: 5084.645+/-0.879 χ^2/NDF:1303587.7/22

+ sign 3015.952+/-0.429 χ^2/NDF: 21447040.4/56

All: 2841.549+/-0.298 χ^2/NDF: 49035933.2/1

- sign 2678.198+/-0.415 χ^2/NDF: 27268375.1/56

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: -3643.585+/-1093.497 χ^2/NDF: 54.3/33

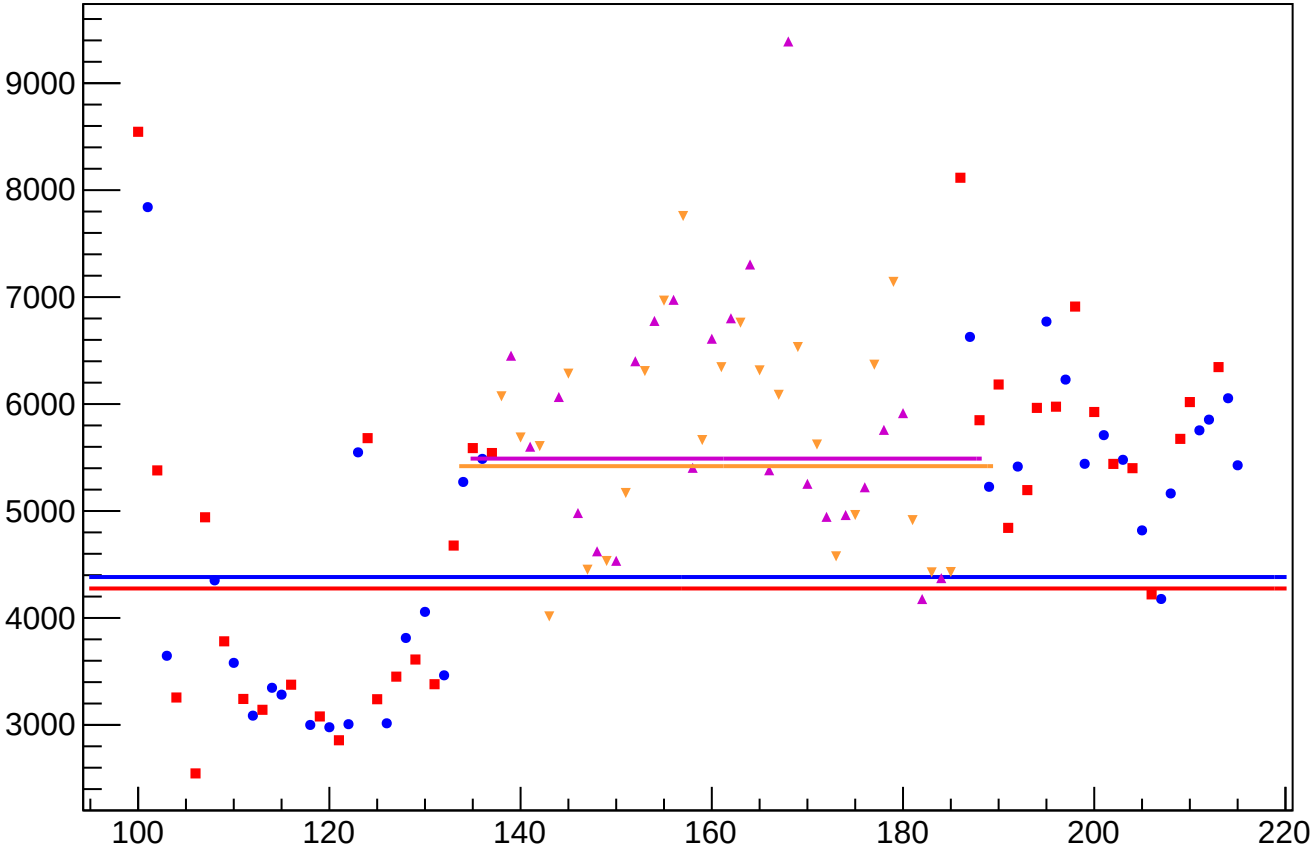
Left In: -3153.449+/-1337.378 χ^2/NDF:15.5/22

+ sign 2210.253+/-834.431 χ^2/NDF: 61.0/56

All: -577.709+/-594.268 χ^2/NDF: 153.5/113

- sign -3447.200+/-846.544 χ^2/NDF: 69.9/56

asym_atr1l2_avg_rms vs Slug



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: 4275.676+/-0.766 χ^2/NDF: 2810606.5/33

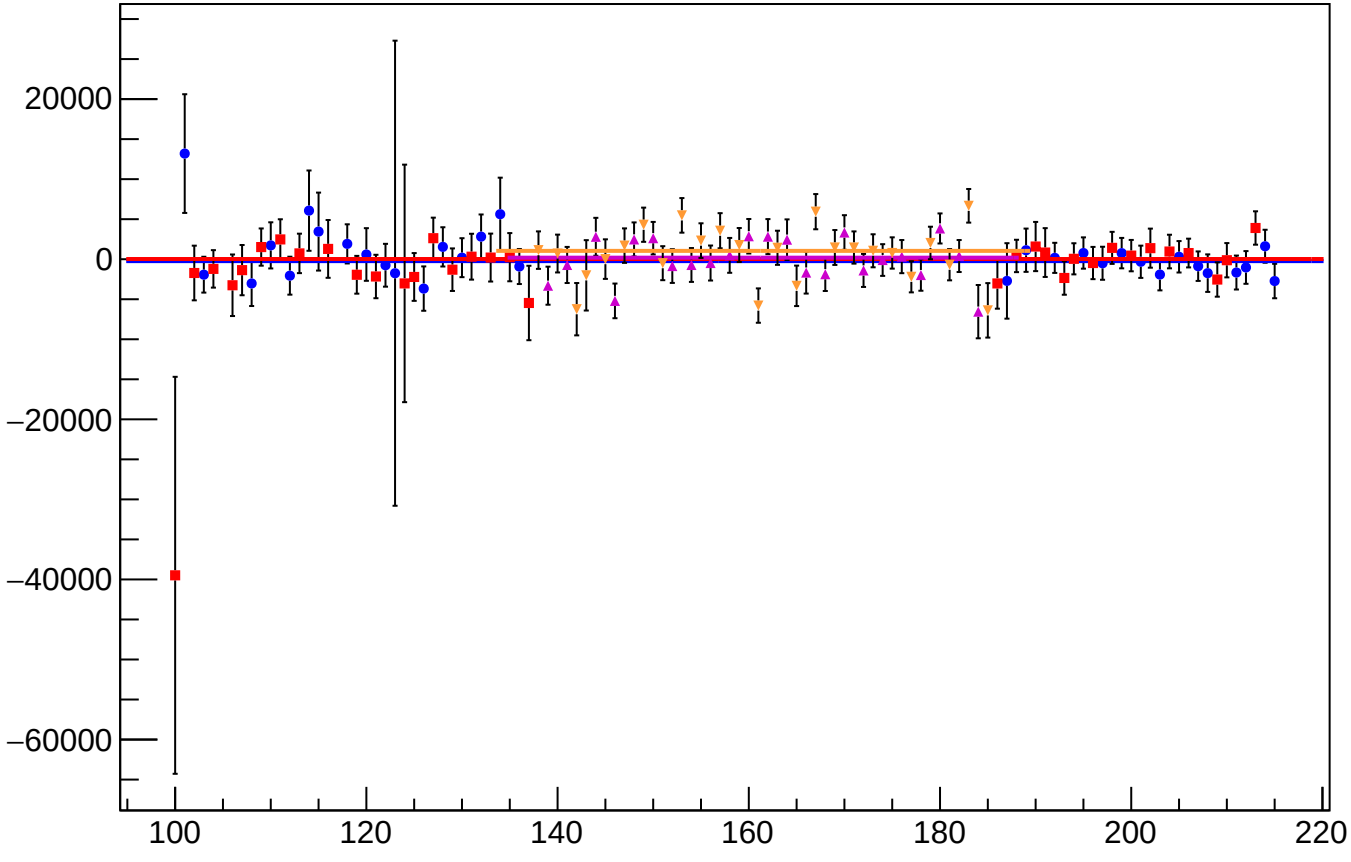
Left In: 5489.885+/-0.946 χ^2/NDF:1064353.3/22

+ sign 4818.759+/-0.590 χ^2/NDF: 4273049.9/56

All: 4788.173+/-0.419 χ^2/NDF: 9148461.6/11

- sign 4757.026+/-0.595 χ^2/NDF: 4869988.2/56

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: 25.219+/-433.627 χ^2/NDF: 18.9/33

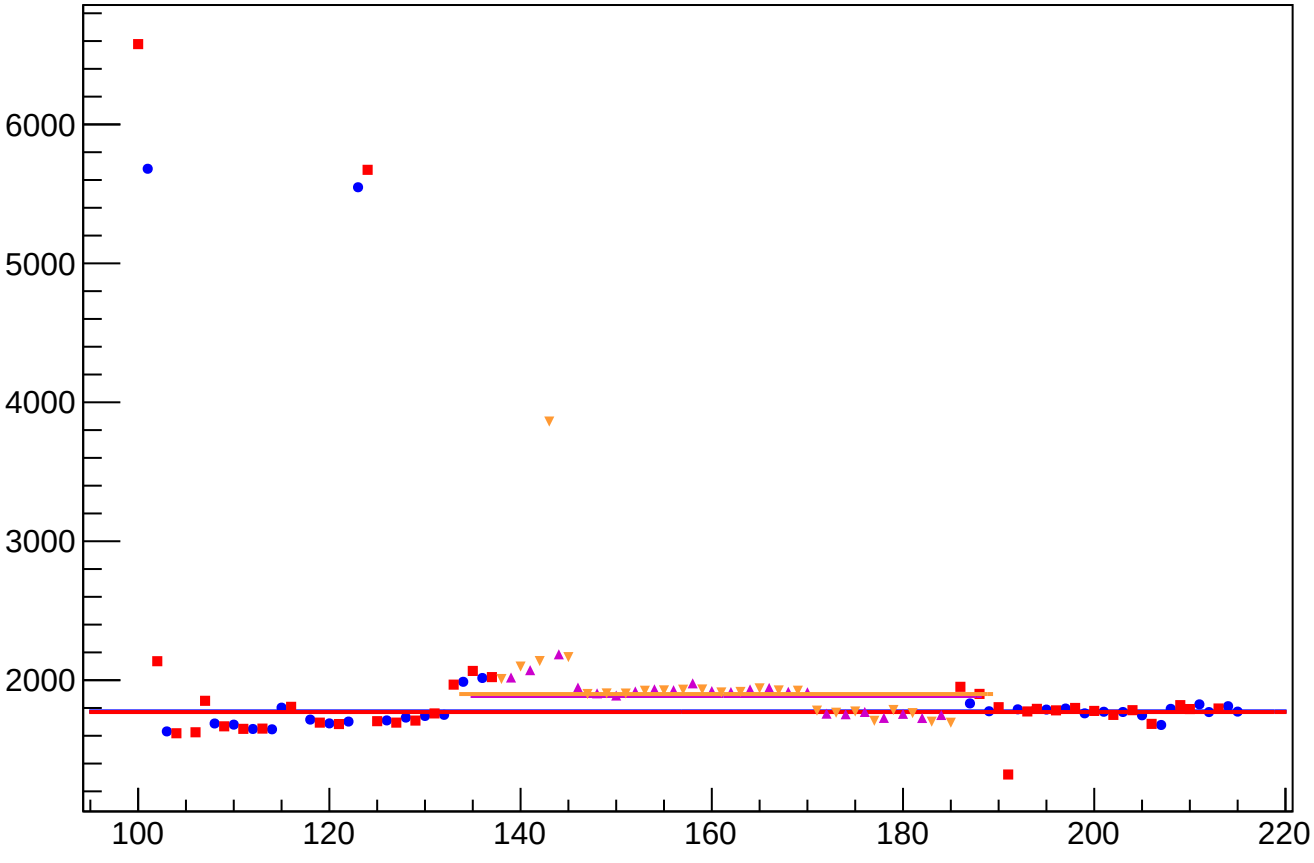
Left In: 191.966+/-453.055 χ^2/NDF:30.0/22

+ sign 379.672+/-310.227 χ^2/NDF: 72.0/56

All: 243.644+/-220.430 χ^2/NDF: 121.4/113

- sign 104.941+/-313.264 χ^2/NDF: 49.0/56

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: 1770.716+/-0.306 χ^2/NDF: 371578.5/33

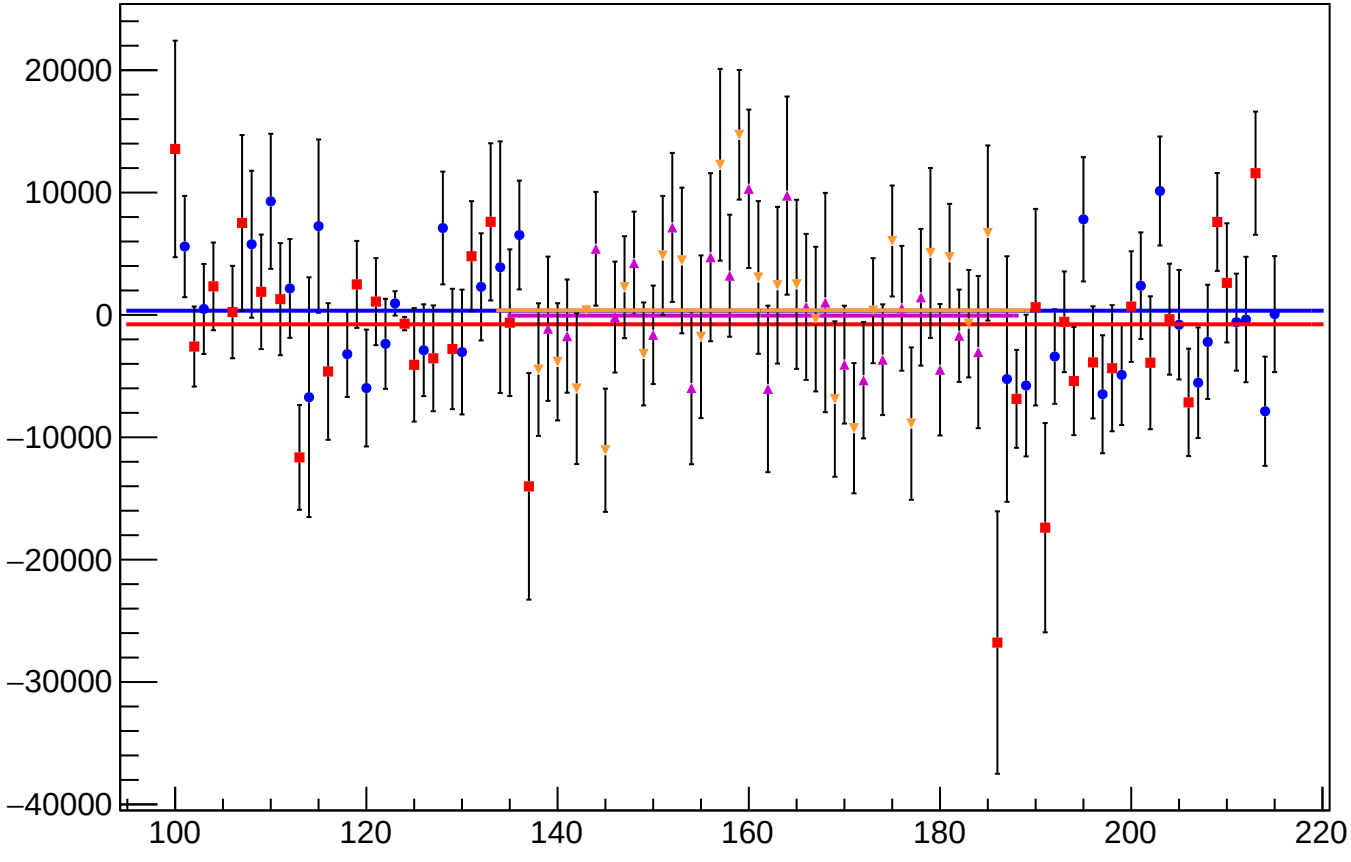
Left In: 1886.378+/-0.320 χ^2/NDF:123520.6/22

+ sign 1835.864+/-0.219 χ^2/NDF: 1270402.1/56

All: 1830.900+/-0.156 χ^2/NDF: 1834743.1/11

- sign 1825.854+/-0.221 χ^2/NDF: 563308.5/56

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: -766.507+/-455.587 χ^2/NDF: 47.5/33

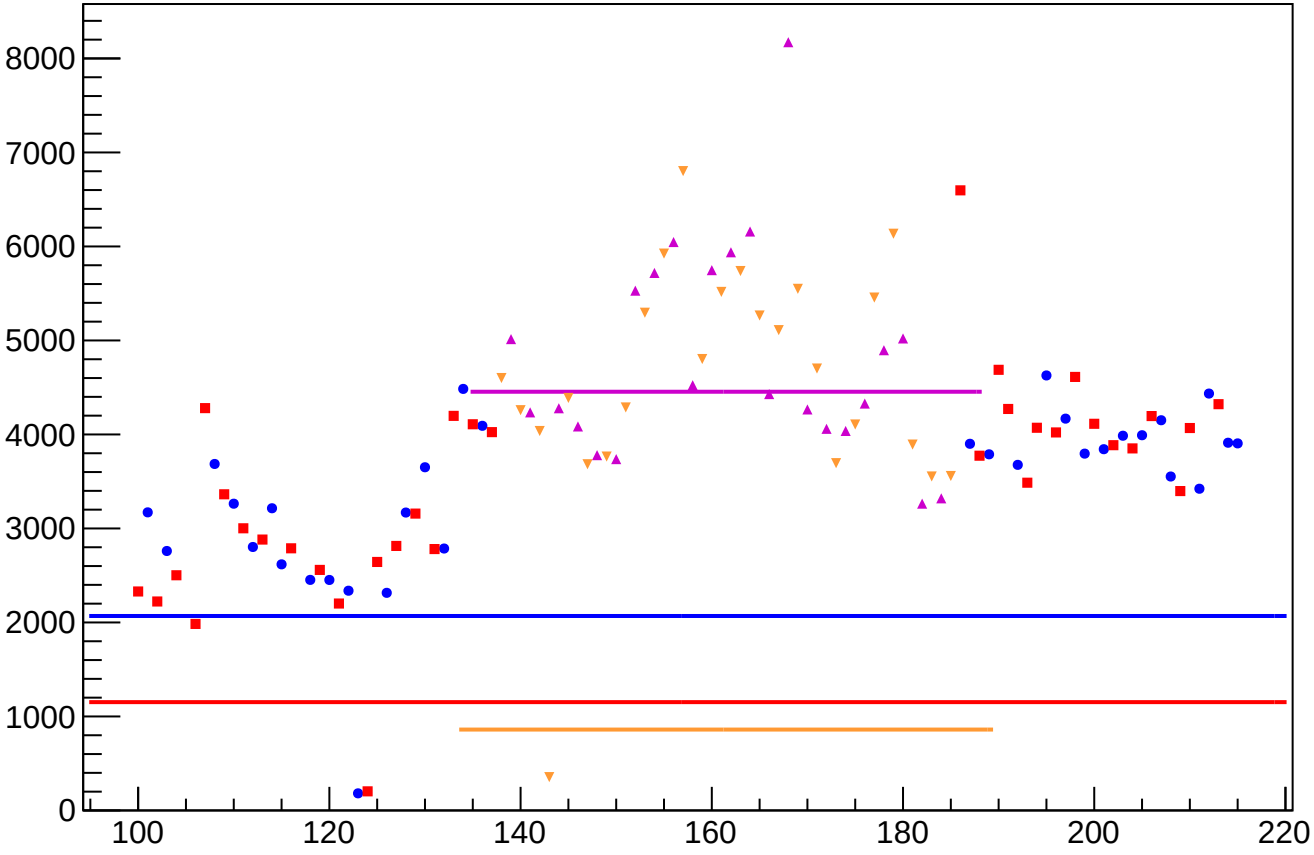
Left In: -53.099+/-1089.888 χ^2/NDF:14.5/22

+ sign 366.167+/-327.827 χ^2/NDF: 65.6/56

All: -22.086+/-258.504 χ^2/NDF: 131.7/113

- sign -660.392+/-420.341 χ^2/NDF: 62.4/56

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: 1152.379+/-0.322 χ^2/NDF: 21394274.4/33

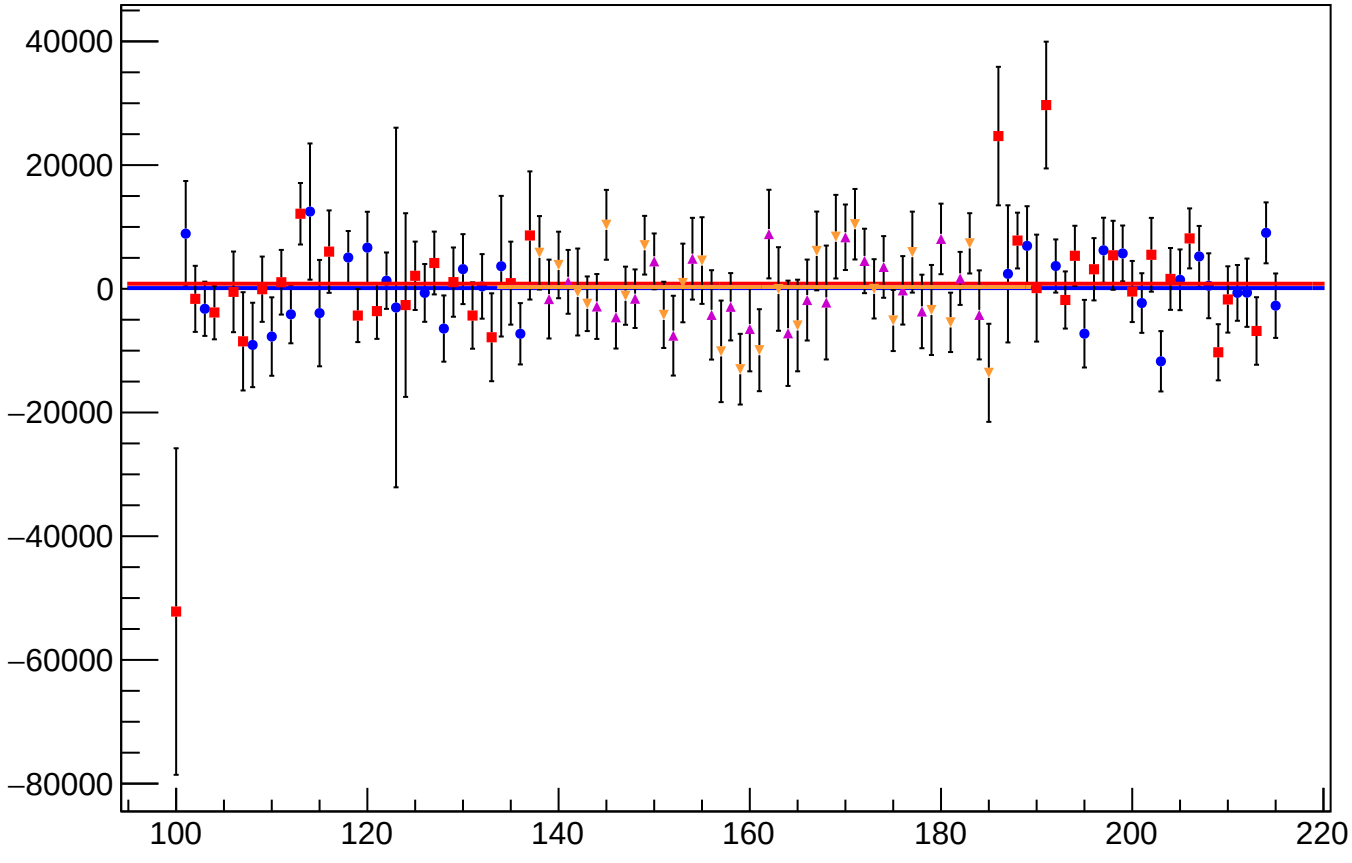
Left In: 4454.402+/-0.771 χ^2/NDF:1349758.1/22

+ sign 1179.277+/-0.232 χ^2/NDF: 45132313.3/56

All: 1354.863+/-0.183 χ^2/NDF: 85020767.1/1

- sign 1643.535+/-0.297 χ^2/NDF: 38371438.1/56

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: 821.753+/-965.897 χ^2/NDF: 46.7/33

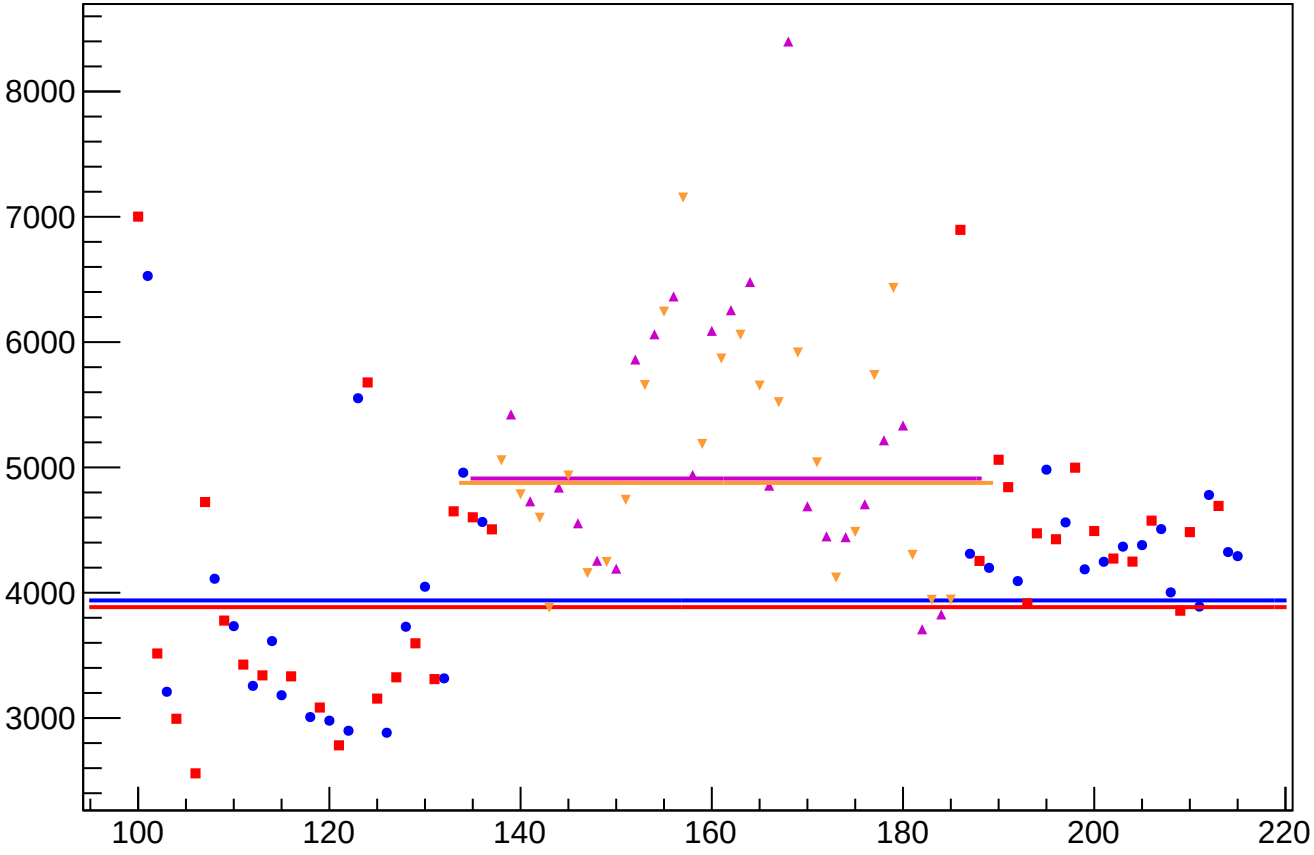
Left In: 332.488+/-1196.011 χ^2/NDF:14.7/22

\+ sign 186.048+/-739.551 χ^2/NDF: 64.0/56

All: 403.801+/-527.096 χ^2/NDF: 125.6/113

\- sign 628.614+/-751.445 χ^2/NDF: 61.4/56

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: 3885.003+/-0.678 χ^2/NDF: 1196926.8/33

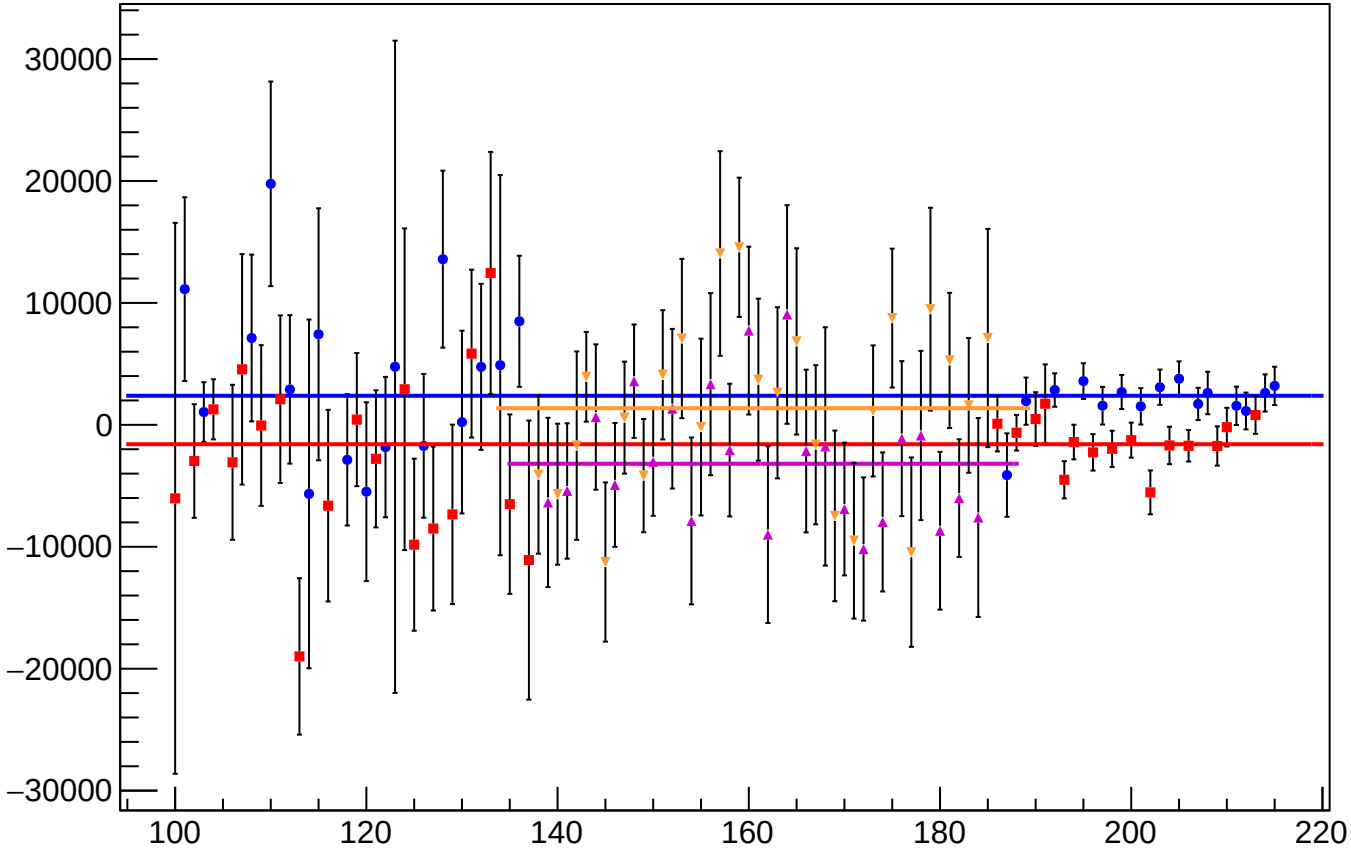
Left In: 4911.546+/-0.846 χ^2/NDF:1043164.6/22

+ sign 4322.852+/-0.523 χ^2/NDF: 2745593.5/56

All: 4305.060+/-0.372 χ^2/NDF: 5884650.6/11

- sign 4286.844+/-0.529 χ^2/NDF: 3136714.4/56

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: -1587.829+/-397.373 χ^2/NDF: 32.6/33

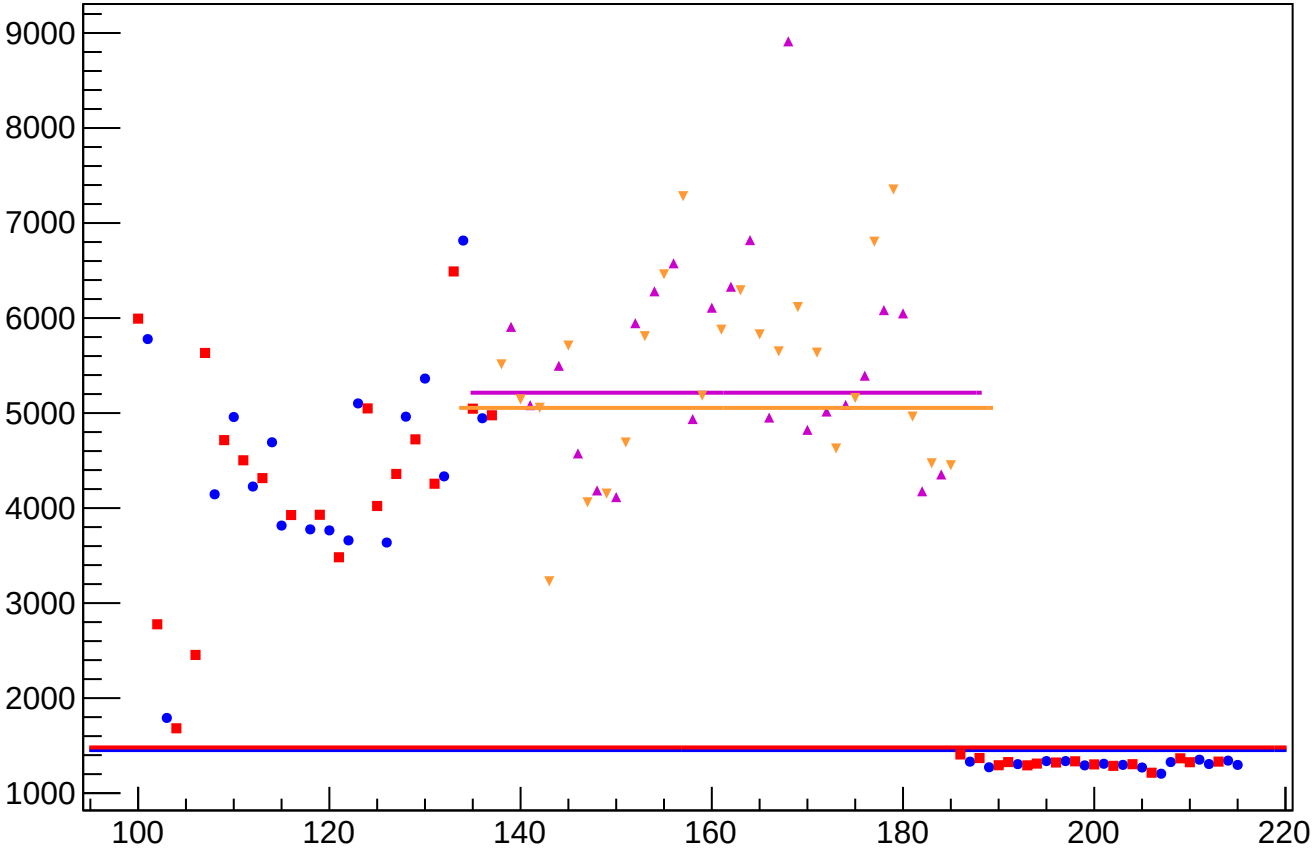
Left In: -3191.160+/-1270.021 χ^2/NDF:14.0/22

+ sign 2290.862+/-366.612 χ^2/NDF: 50.5/56

All: 348.119+/-263.586 χ^2/NDF: 156.6/113

- sign -1730.796+/-379.243 χ^2/NDF: 48.0/56

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

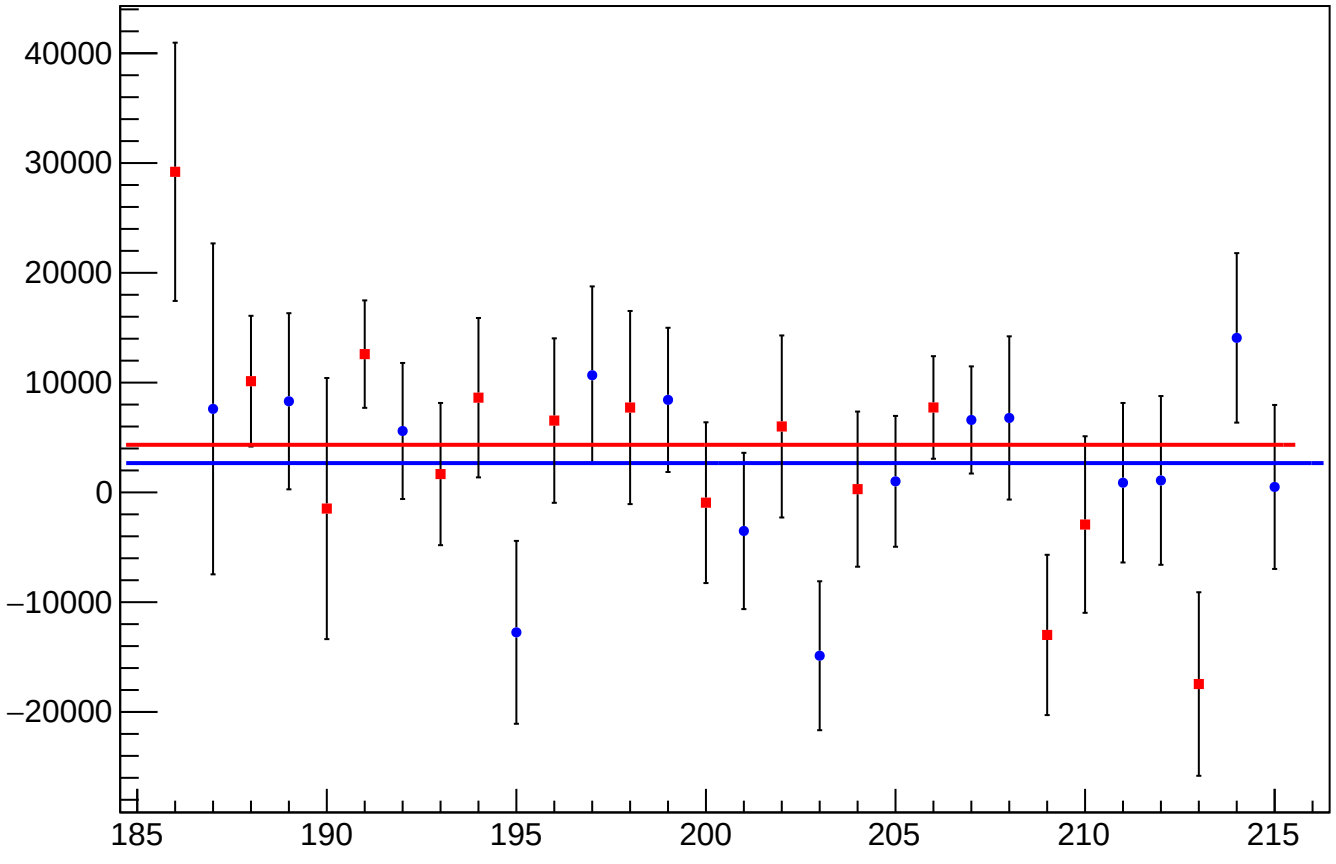
Right Out: 1480.836+/-0.281 χ^2/NDF: 5805005.2/33

Left In: 5214.120+/-0.898 χ^2/NDF:1052501.5/22

+ sign 1785.769+/-0.259 χ^2/NDF: 23533664.0/56

All: 1799.060+/-0.186 χ^2/NDF: 46139606.4/1

- sign 1813.263+/-0.268 χ^2/NDF: 22600504.8/56



Right In: 2669.113+/-1828.437 χ^2/NDF: 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

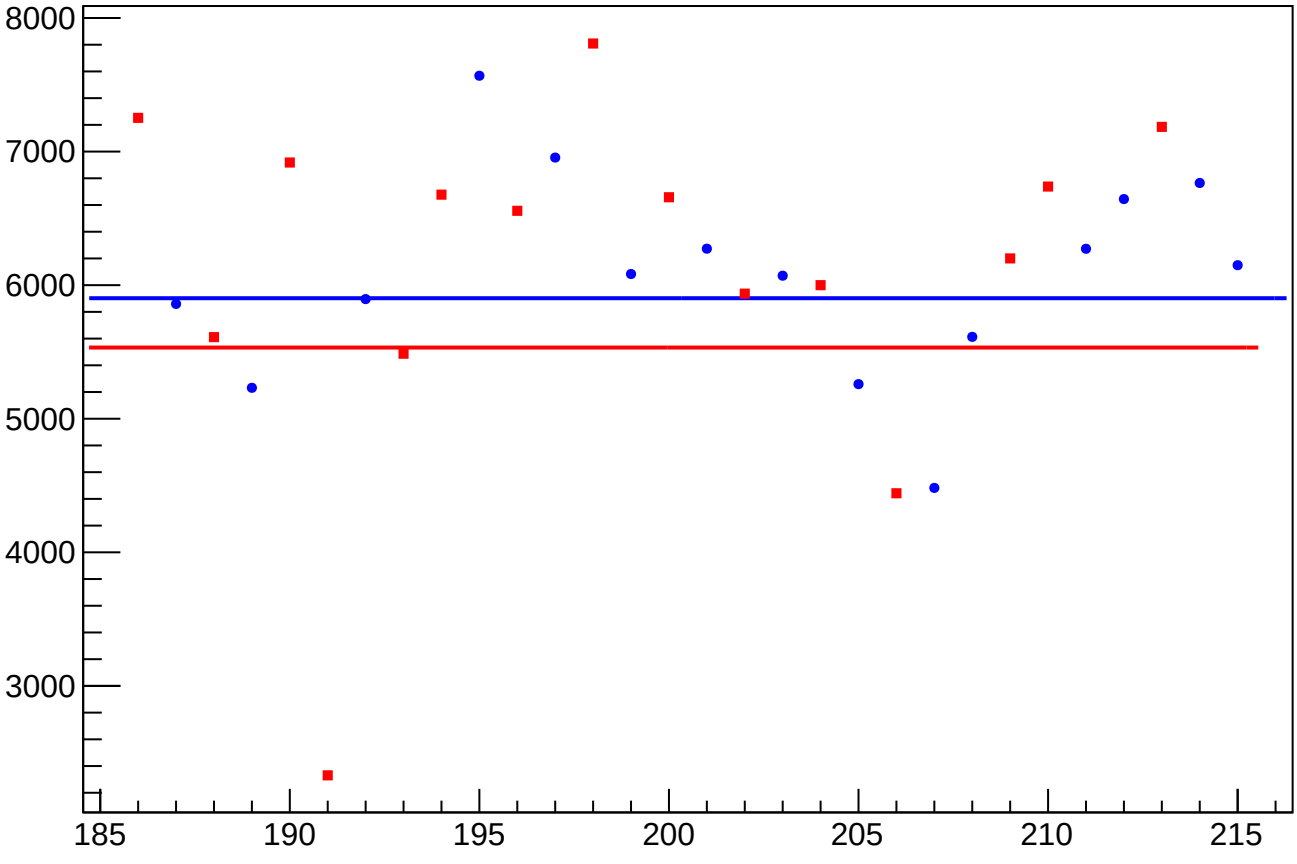
Right Out: 4335.197+/-1809.645 χ^2/NDF: 23.9/14

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 3510.760+/-1286.205 χ^2/NDF: 41.2/29

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



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: 5532.989+/-1.280 χ^2/NDF: 1457186.1/14

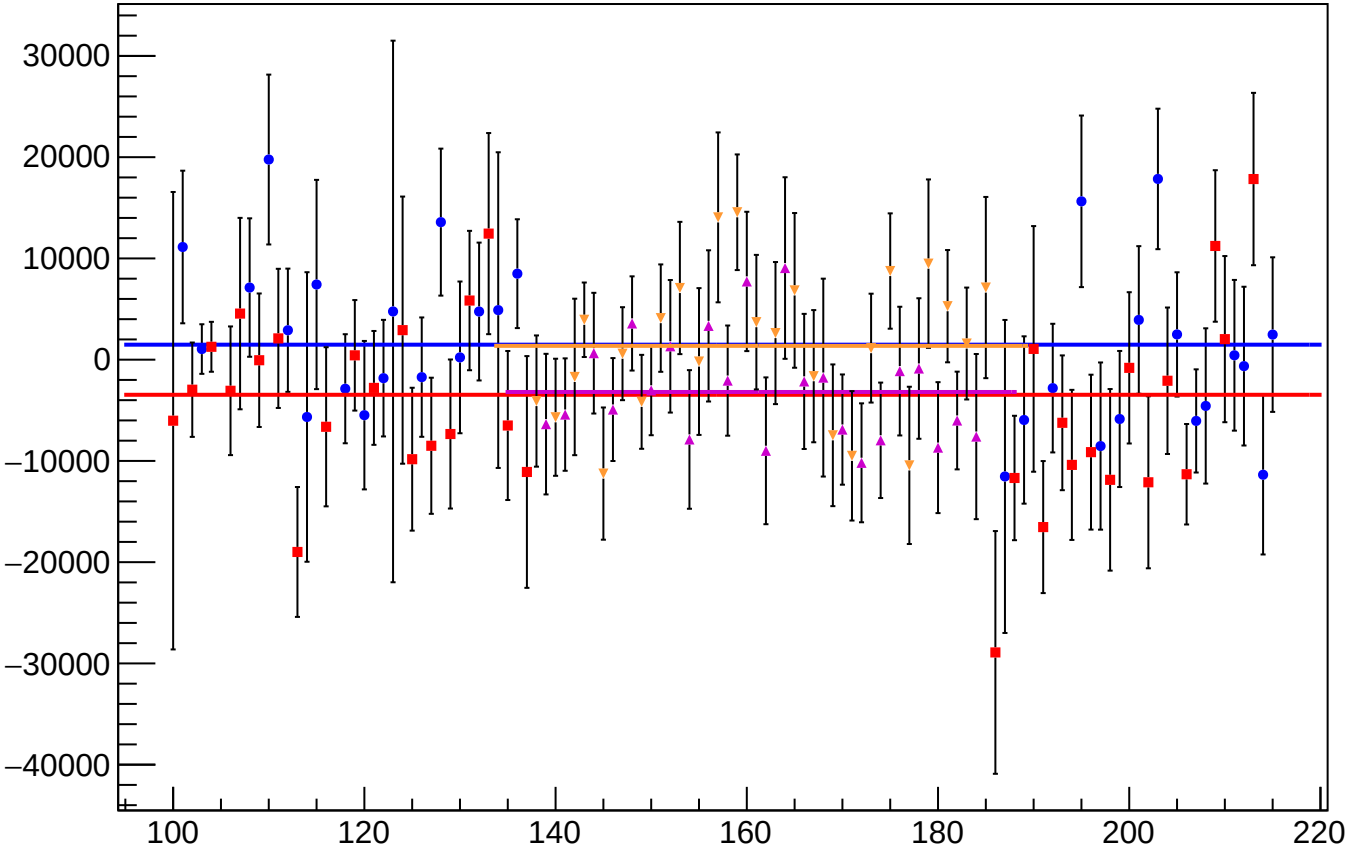
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5715.733+/-0.909 χ^2/NDF: 1881061.0/29

- 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: -3467.479+/-1122.113 χ^2/NDF: 46.0/33

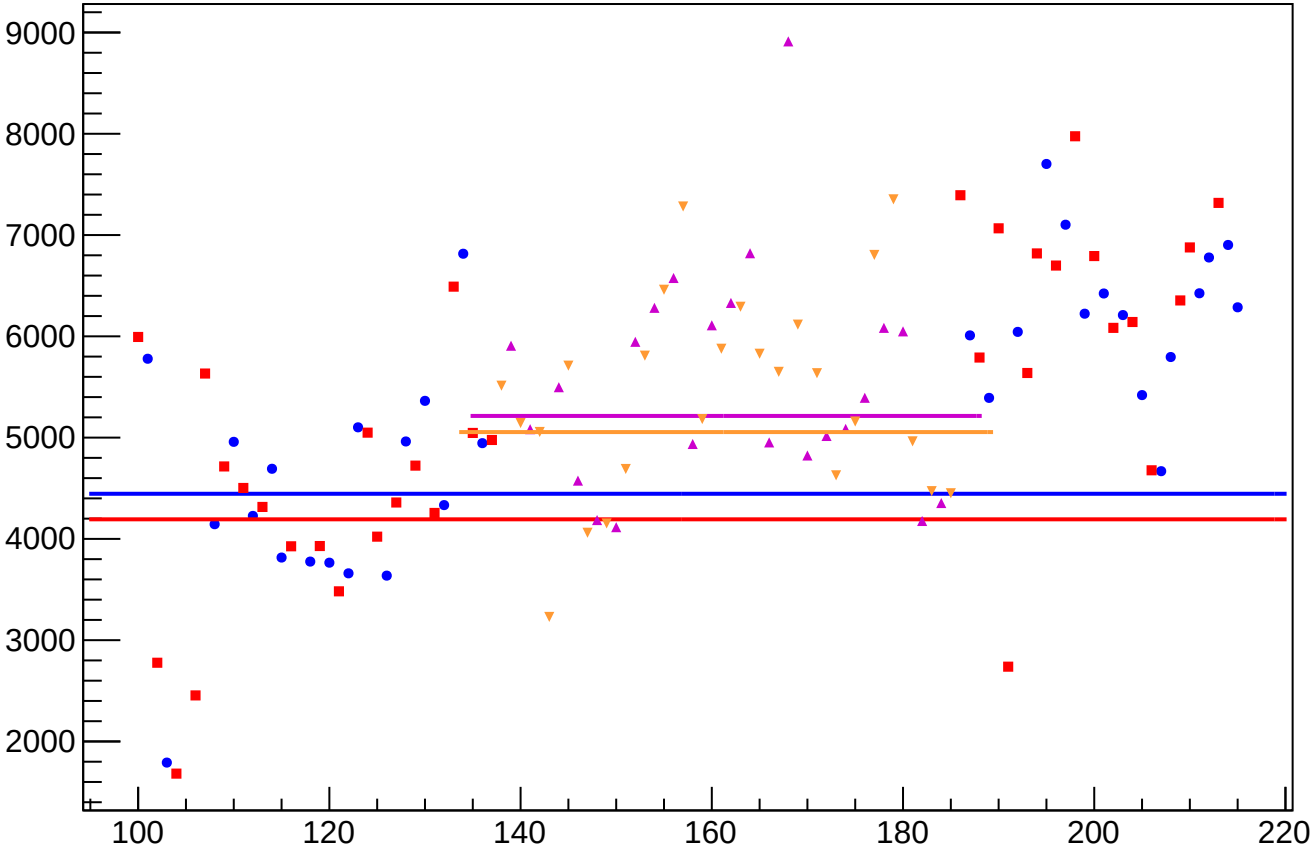
Left In: -3191.160+/-1270.021 χ^2/NDF:14.0/22

+ sign 1425.987+/-832.574 χ^2/NDF: 61.4/56

All: -936.409+/-591.643 χ^2/NDF: 137.7/113

- sign -3346.340+/-840.908 χ^2/NDF: 60.0/56

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: 4193.211+/-0.789 χ^2/NDF: 5307930.5/33

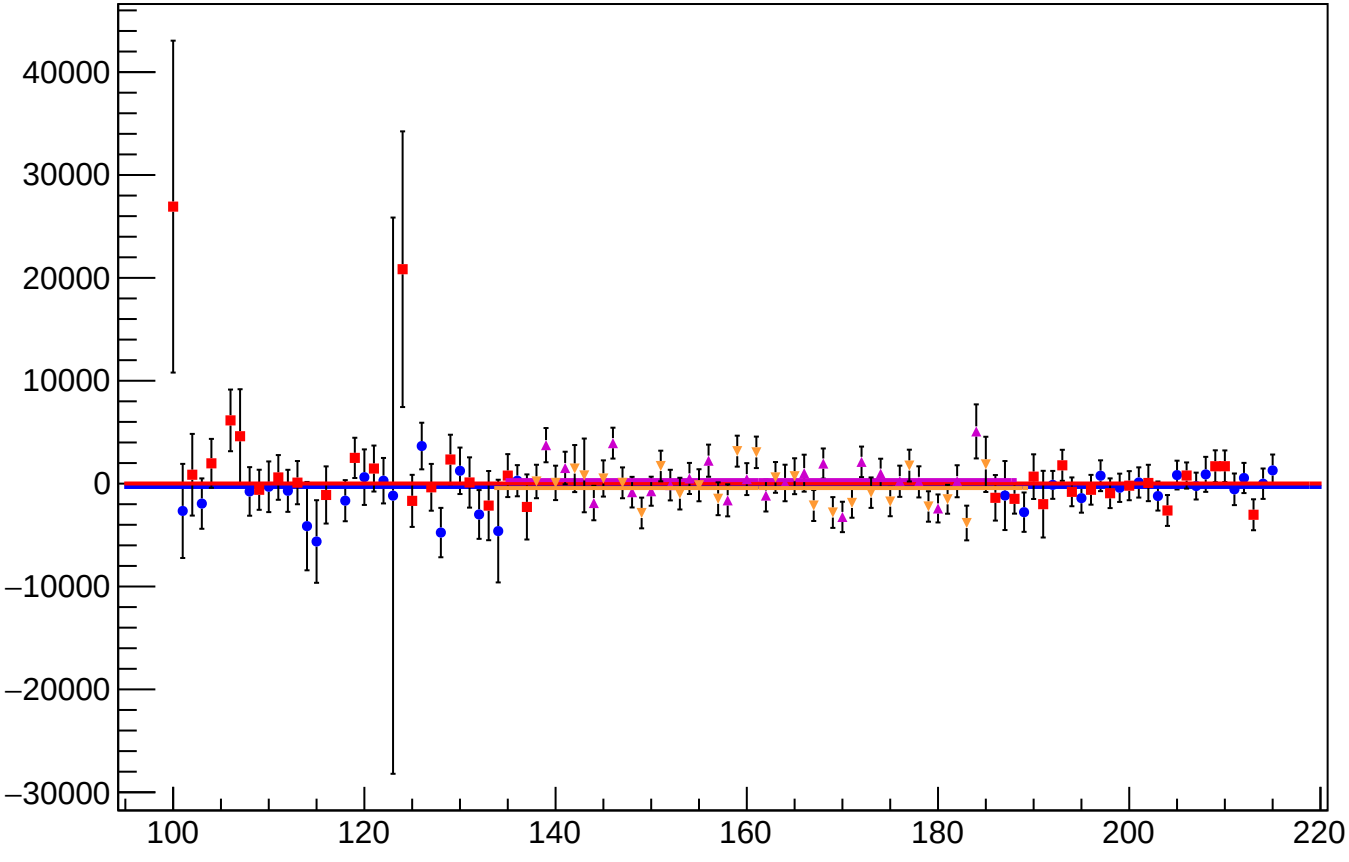
Left In: 5214.120+/-0.898 χ^2/NDF:1052501.5/22

\+ sign 4735.739+/-0.589 χ^2/NDF: 6205154.9/56

All: 4687.051+/-0.418 χ^2/NDF: 13309010.0/1

\- sign 4637.723+/-0.593 χ^2/NDF: 7090085.9/56

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: 13.032+/-335.704 χ^2/NDF: 30.1/33

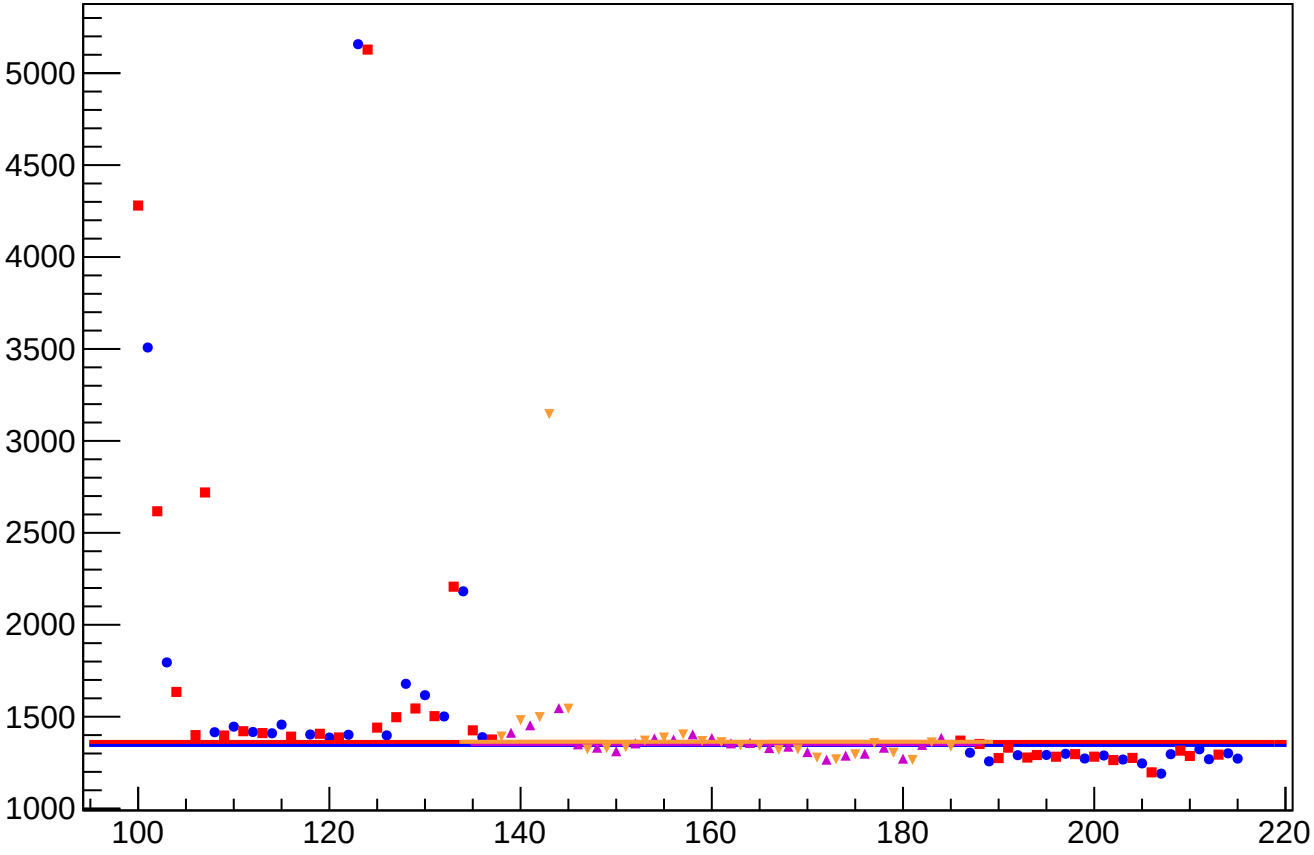
Left In: 343.737+/-324.368 χ^2/NDF:33.8/22

+ sign -379.226+/-229.345 χ^2/NDF: 52.3/56

All: -102.357+/-163.541 χ^2/NDF: 119.6/113

- sign 184.063+/-233.268 χ^2/NDF: 64.4/56

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

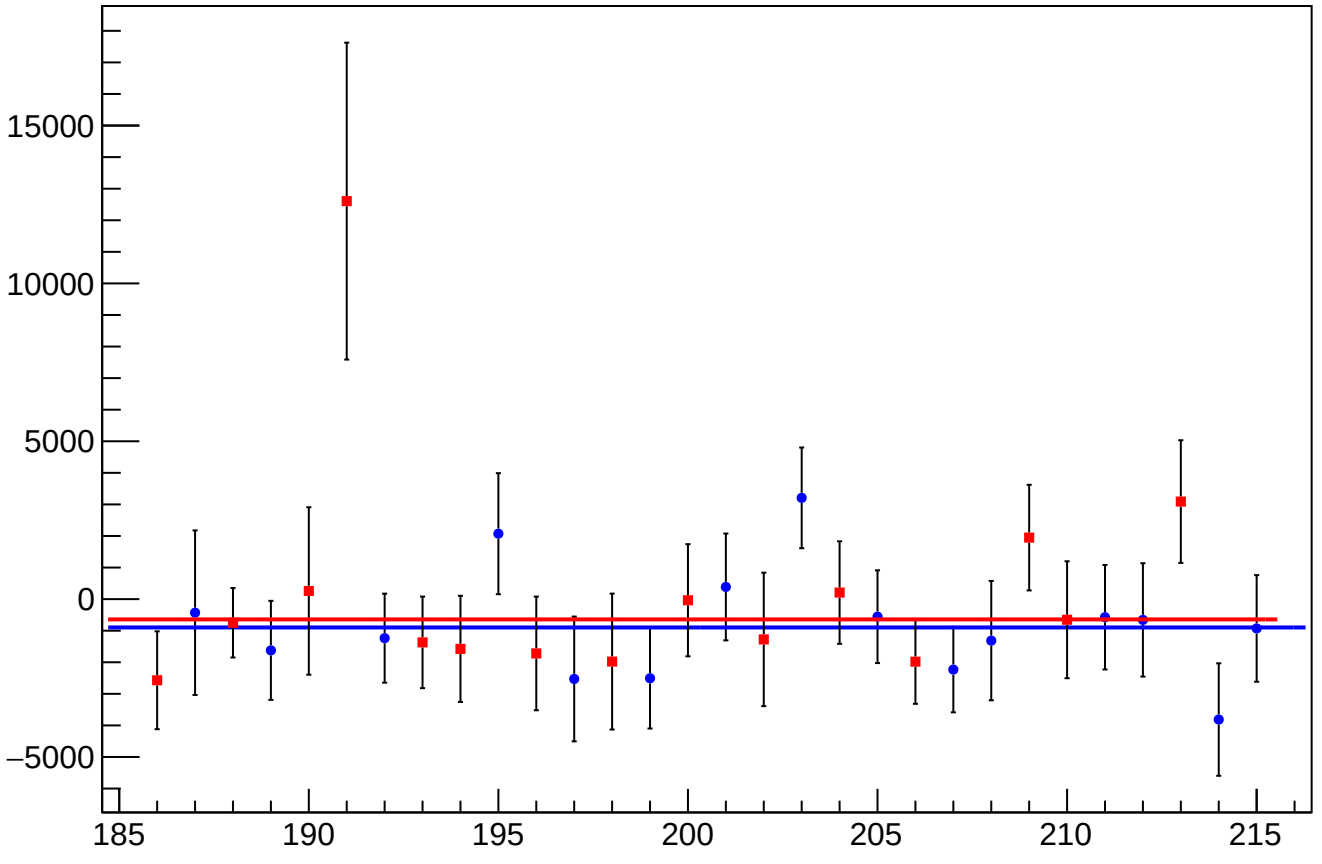
Right Out: 1362.943+/-0.237 χ^2/NDF: 874871.5/33

Left In: 1350.909+/-0.229 χ^2/NDF:67144.5/22

+ sign 1355.235+/-0.162 χ^2/NDF: 1359683.3/56

All: 1355.964+/-0.116 χ^2/NDF: 2303069.6/11

- sign 1356.719+/-0.165 χ^2/NDF: 943345.2/56



Right In: -897.613+/-432.317 χ^2/NDF: 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

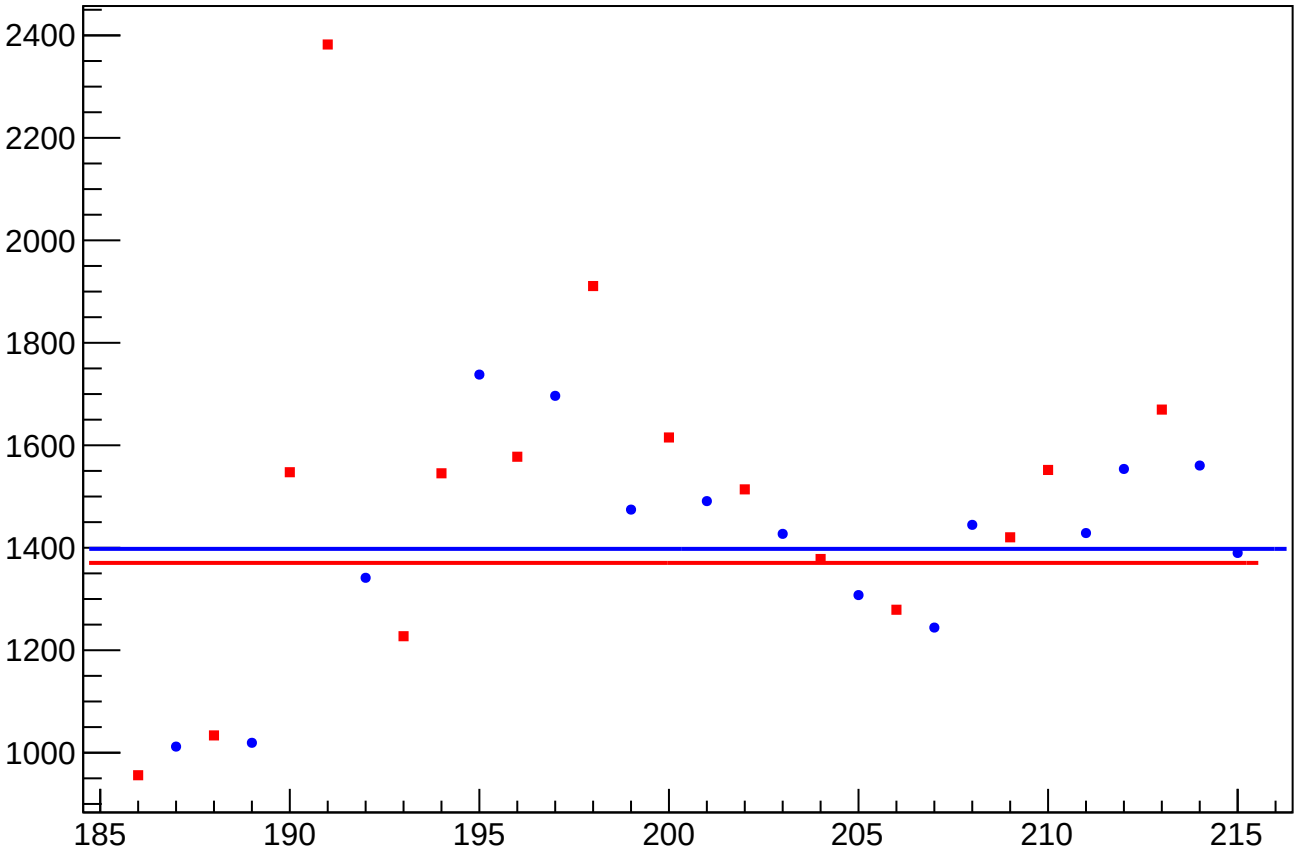
Right Out: -642.503+/-439.639 χ^2/NDF: 17.5/14

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -772.200+/-308.250 χ^2/NDF: 33.1/29

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0



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: 1370.455+/-0.311 χ^2/NDF: 739344.3/14

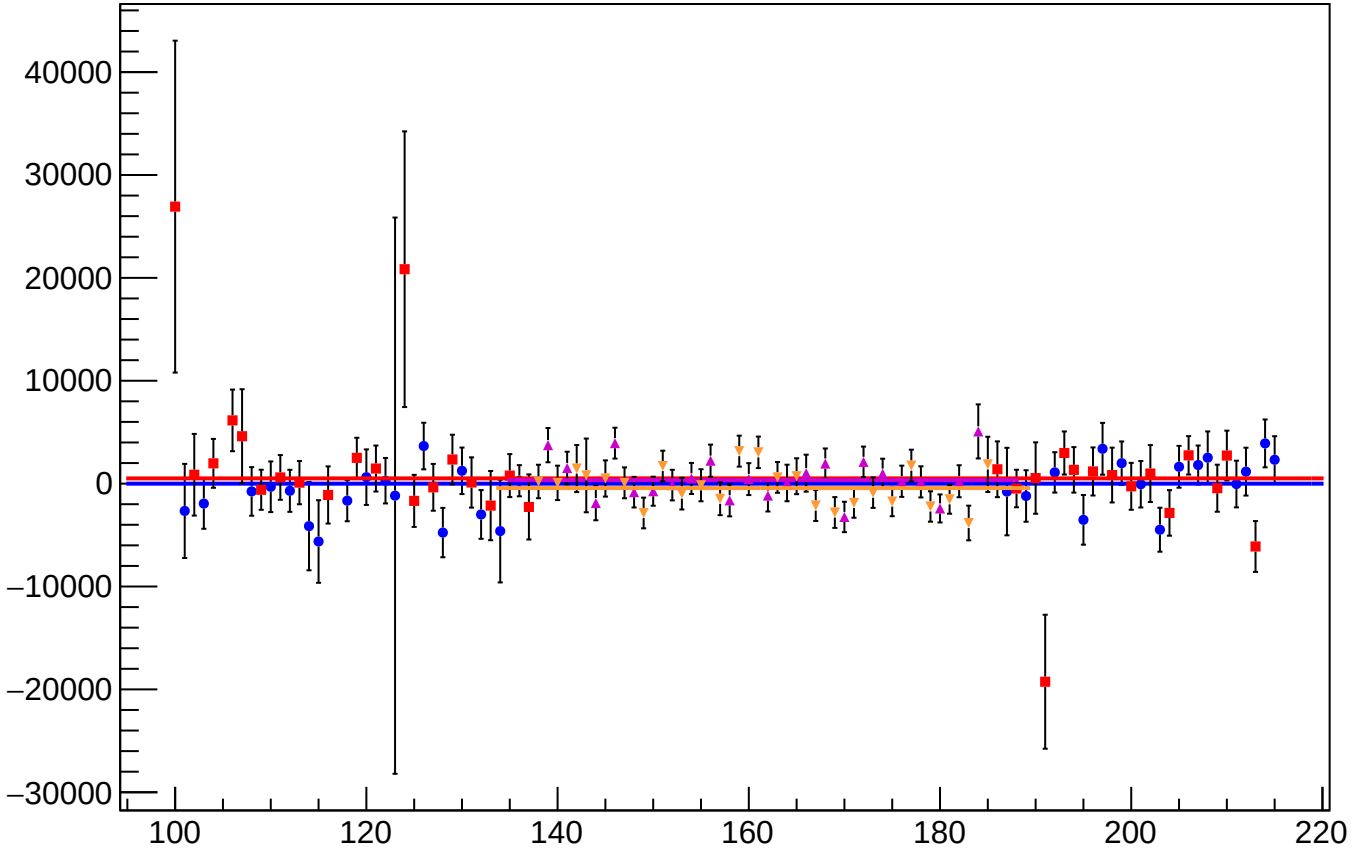
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1384.377+/-0.218 χ^2/NDF: 1093837.1/29

- 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: 509.058+/-428.422 χ^2/NDF: 37.8/33

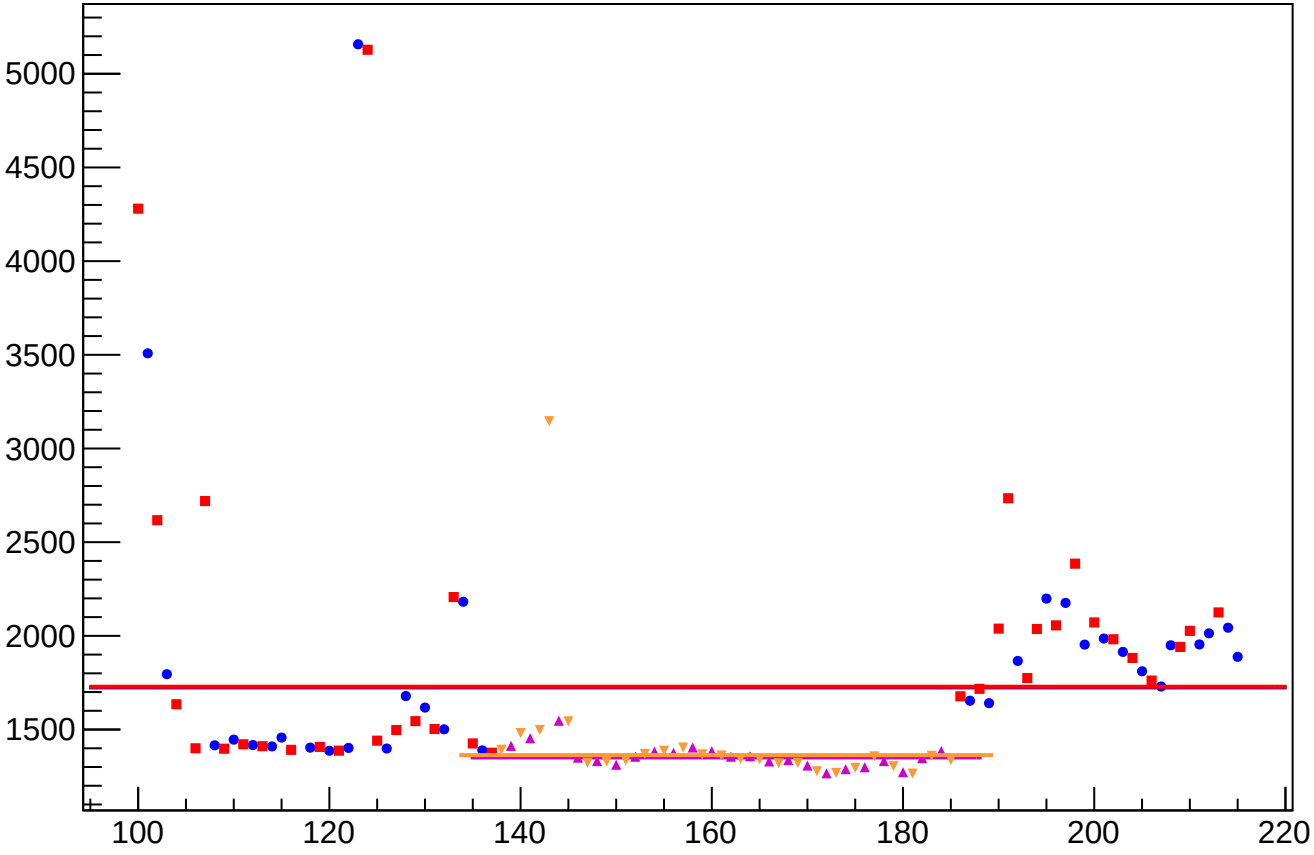
Left In: 343.737+/-324.368 χ^2/NDF:33.8/22

\+ sign -275.416+/-255.394 χ^2/NDF: 64.3/56

All: 60.031+/-181.716 χ^2/NDF: 139.5/113

\- sign 403.975+/-258.608 χ^2/NDF: 71.7/56

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: 1728.447+/-0.303 χ^2/NDF: 1292639.3/33

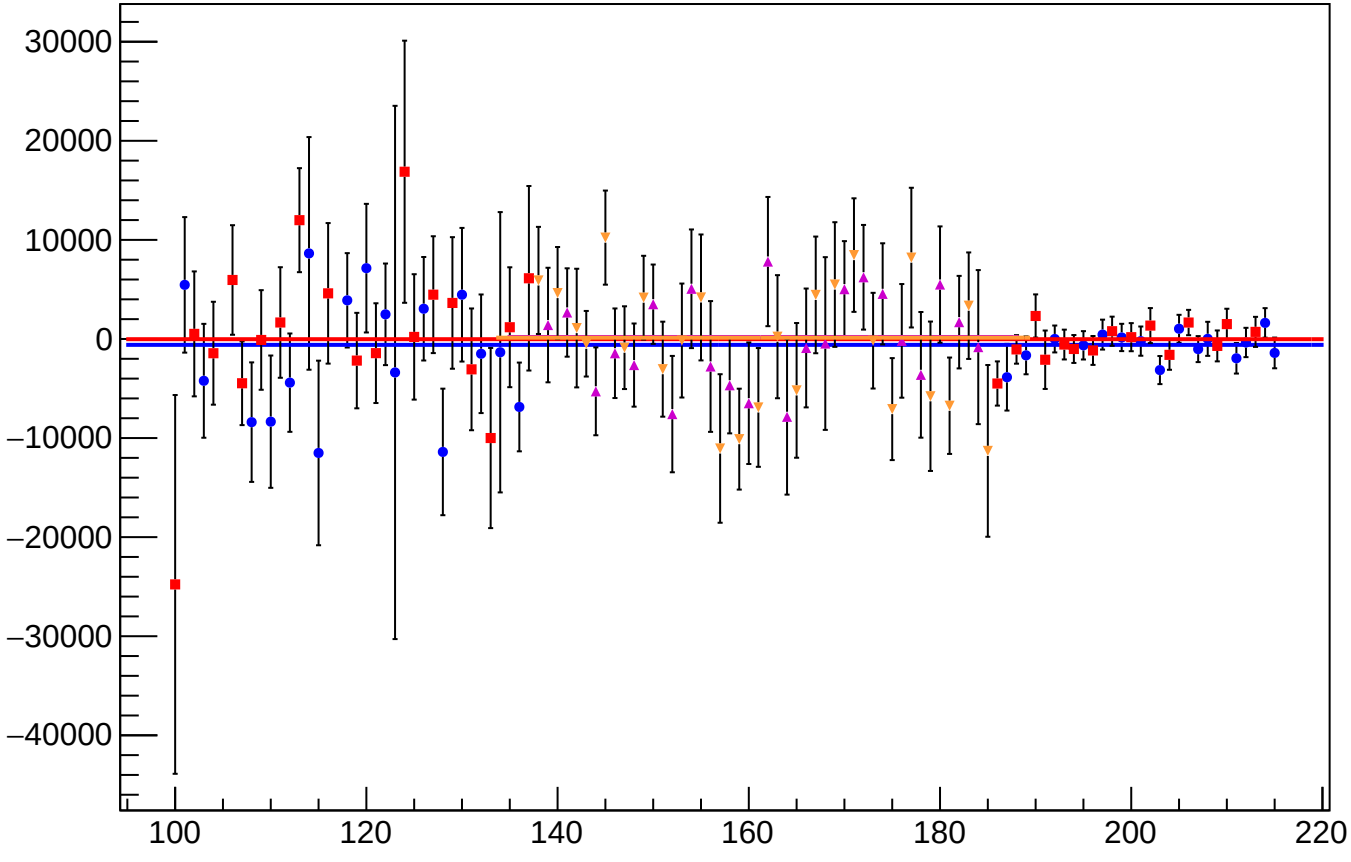
Left In: 1350.909+/-0.229 χ^2/NDF:67144.5/22

+ sign 1495.461+/-0.181 χ^2/NDF: 2609237.0/56

All: 1492.011+/-0.128 χ^2/NDF: 4956986.3/11

- sign 1488.472+/-0.183 χ^2/NDF: 2347009.8/56

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: -22.961+/-390.919 χ^2/NDF: 27.1/33

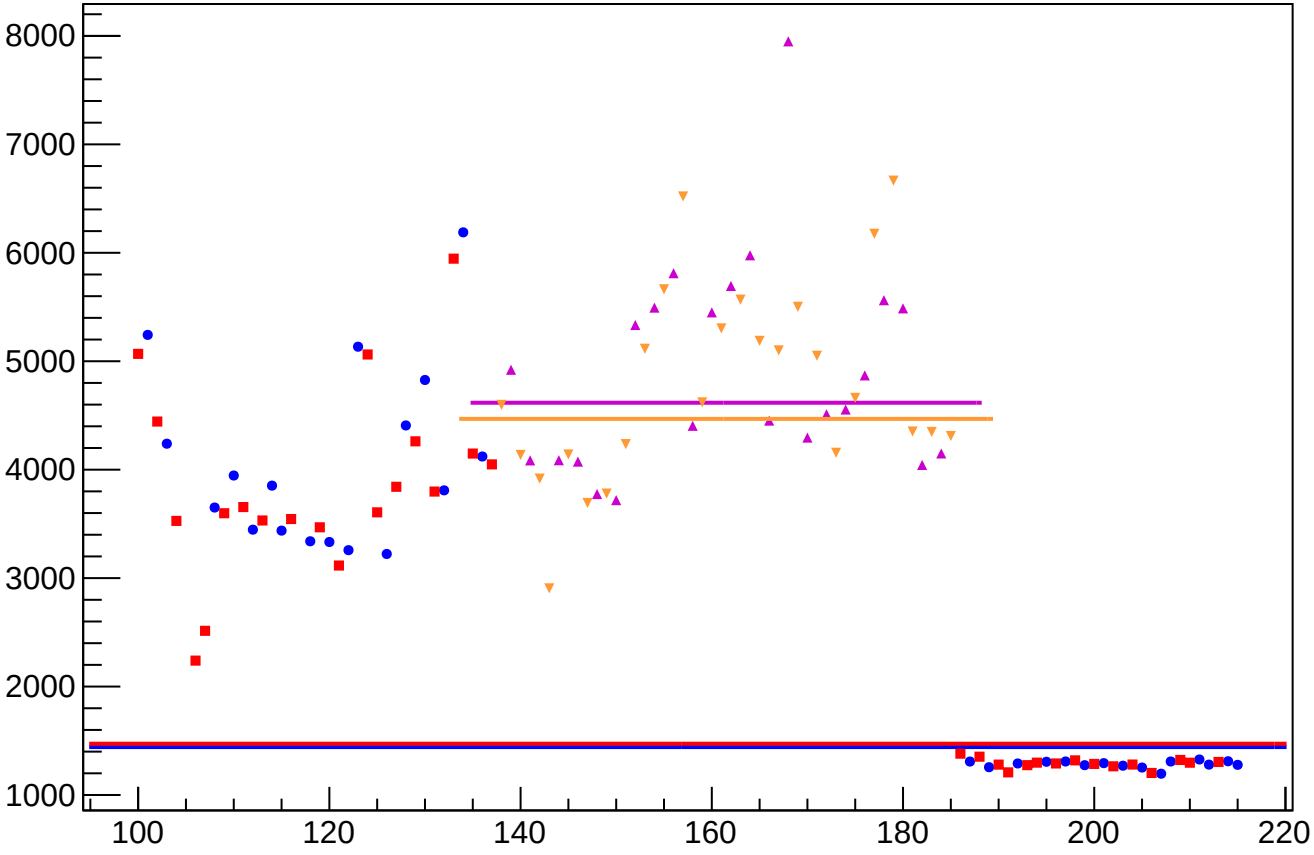
Left In: 200.182+/-1123.499 χ^2/NDF:14.7/22

+ sign -511.487+/-358.040 χ^2/NDF: 54.2/56

All: -263.046+/-257.030 χ^2/NDF: 97.1/113

- sign 1.137+/-369.208 χ^2/NDF: 41.8/56

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

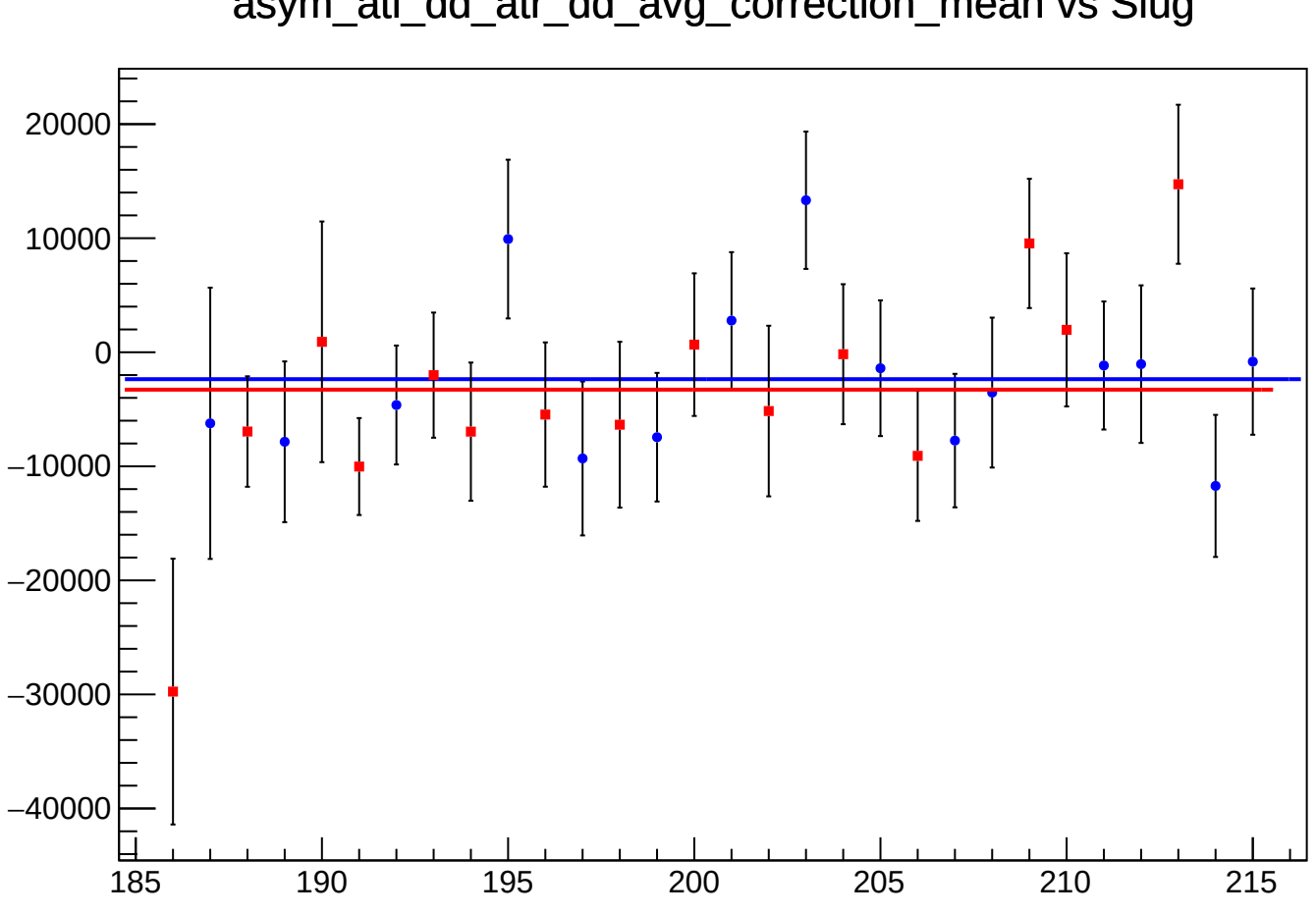
Right Out: 1473.008+/-0.276 χ^2/NDF: 5482209.3/33

Left In: 4617.293+/-0.794 χ^2/NDF:999599.8/22

+ sign 1783.728+/-0.253 χ^2/NDF: 21385923.7/56

All: 1797.497+/-0.182 χ^2/NDF: 41849285.3/1

- sign 1812.120+/-0.261 χ^2/NDF: 20457262.2/56



Right In: -2359.880+/-1628.997 χ^2/NDF: 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

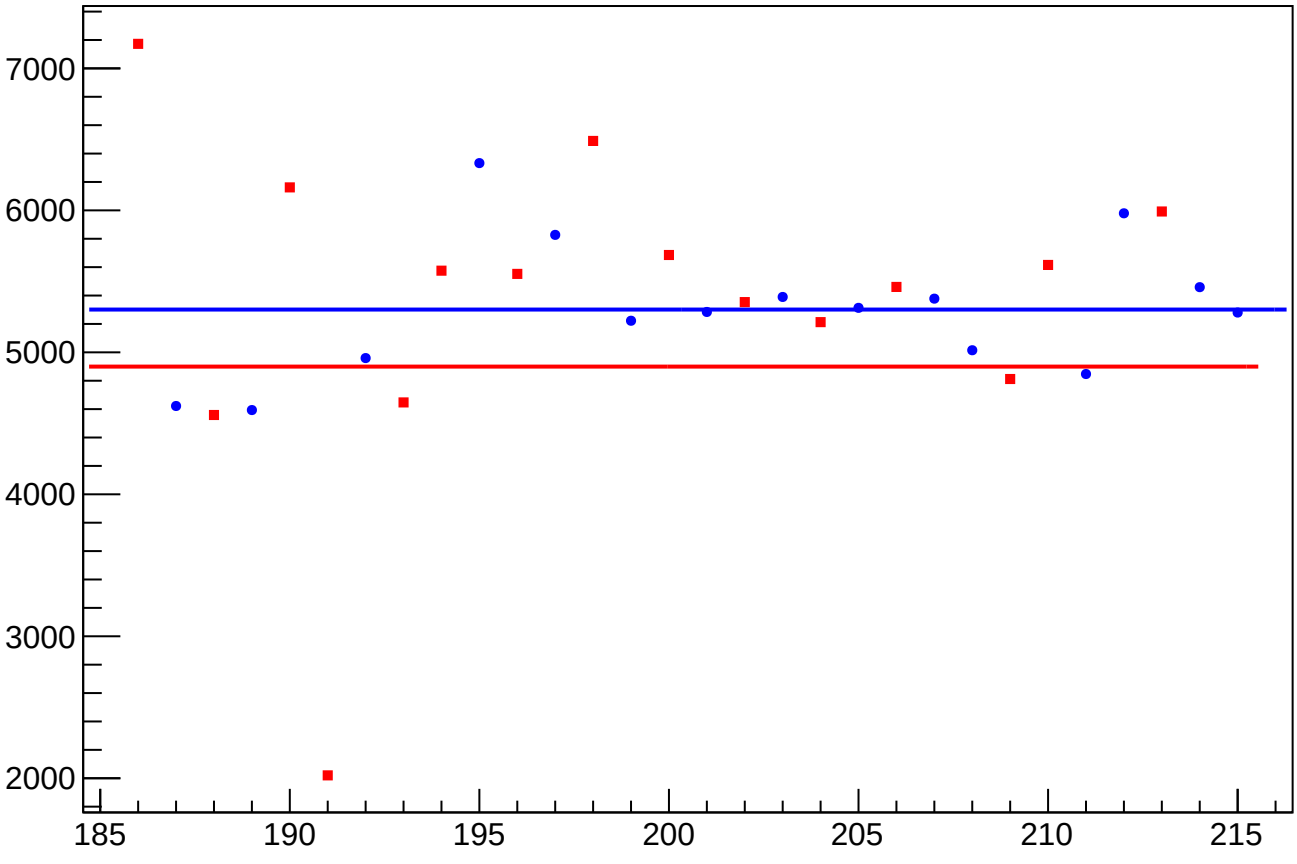
Right Out: -3279.451+/-1594.363 χ^2/NDF: 23.3/14

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: -2829.545+/-1139.433 χ^2/NDF: 40.2/29

- 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: 4899.540+/-1.127 χ^2/NDF: 1314616.1/14

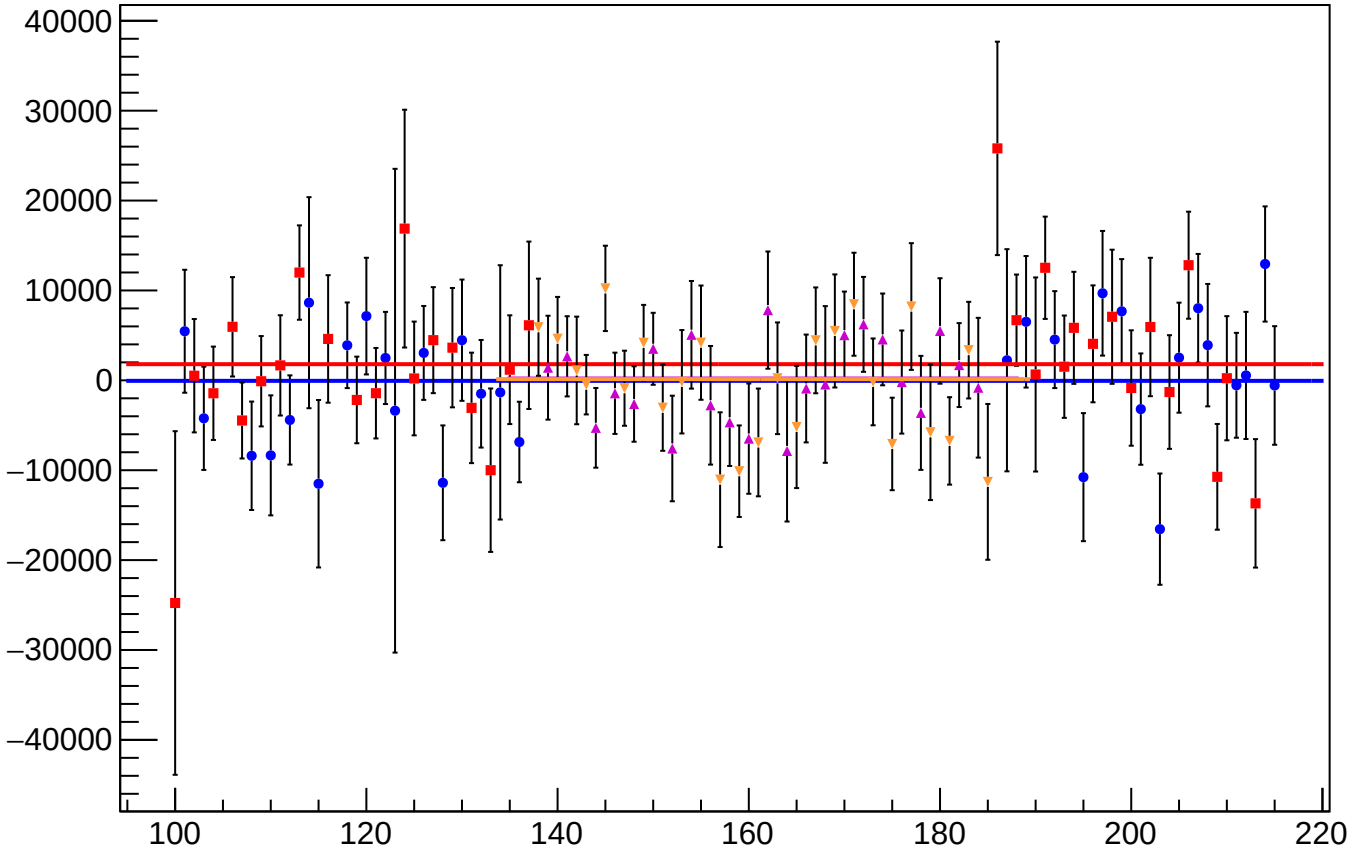
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 5096.125+/-0.806 χ^2/NDF: 1506798.5/29

- 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: 1797.397+/-1071.445 χ^2/NDF: 37.5/33

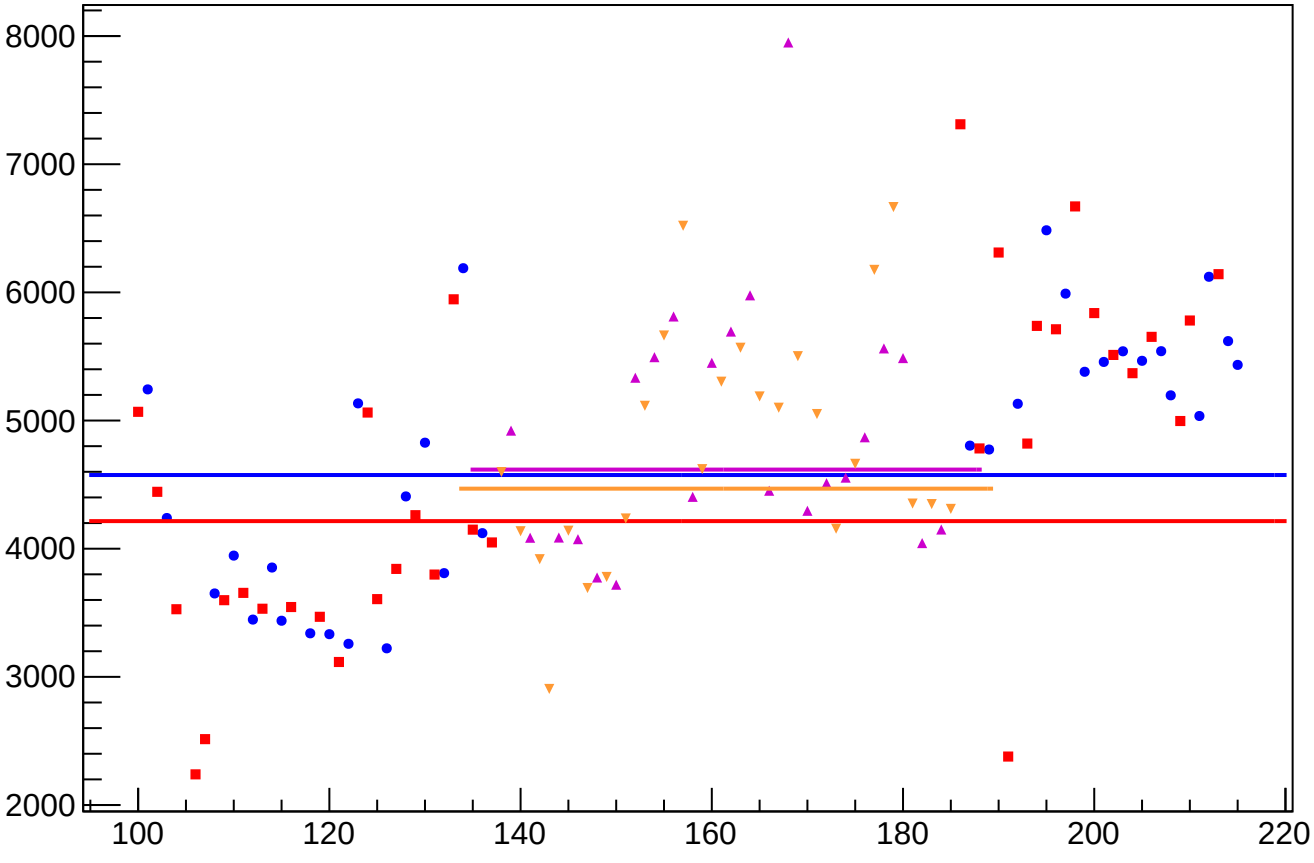
Left In: 200.182+/-1123.499 χ^2/NDF:14.7/22

+ sign 42.688+/-774.001 χ^2/NDF: 65.5/56

All: 538.786+/-547.787 χ^2/NDF: 119.6/113

- sign 1036.647+/-775.375 χ^2/NDF: 53.3/56

asym_atl_dd_atr_dd_avg_rms vs Slug



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: 4215.252+/-0.753 χ^2/NDF: 2620723.4/33

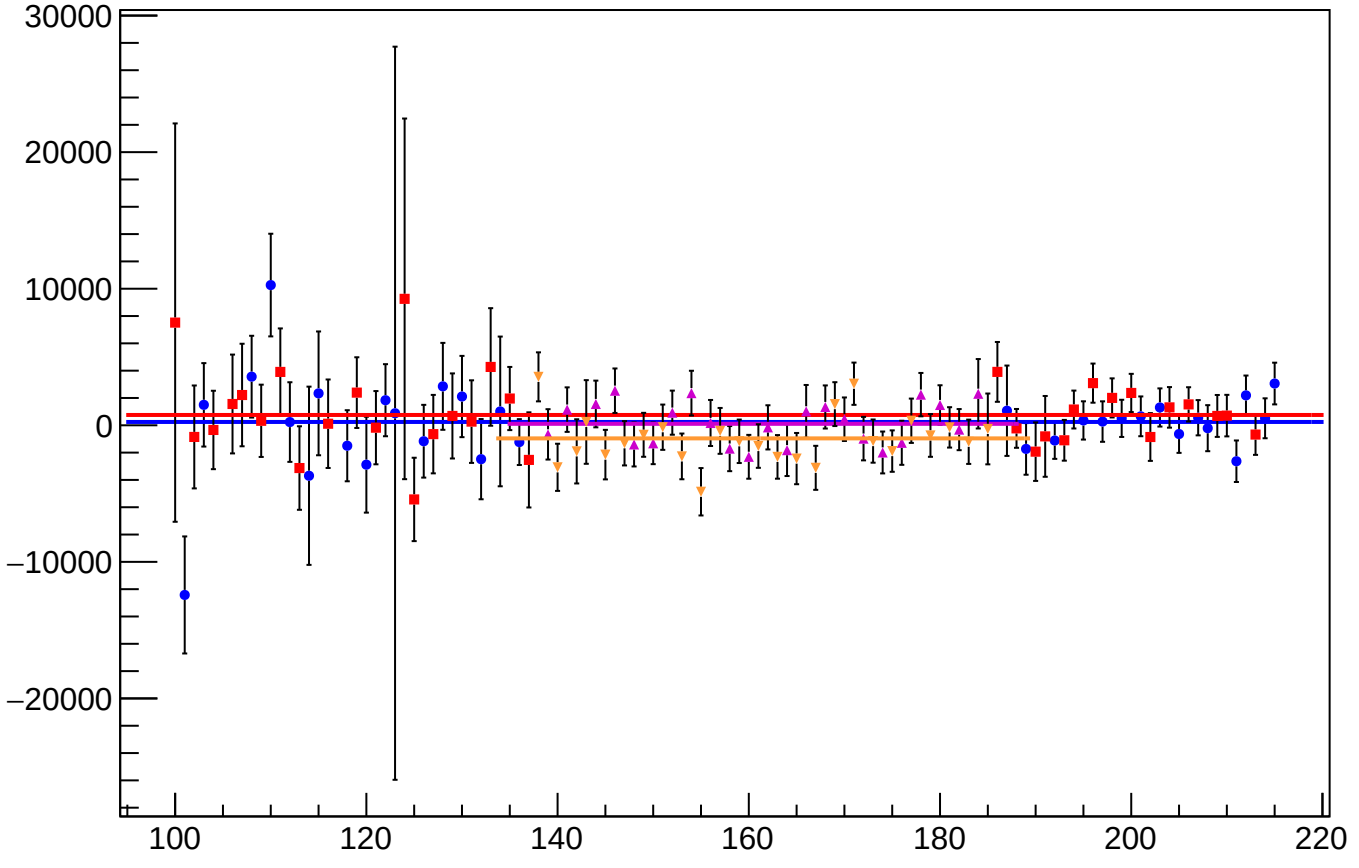
Left In: 4617.293+/-0.794 χ^2/NDF:999599.8/22

+ sign 4518.778+/-0.547 χ^2/NDF: 2863114.8/56

All: 4462.140+/-0.387 χ^2/NDF: 6639666.4/11

- sign 4405.631+/-0.547 χ^2/NDF: 3755157.2/56

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: 756.191+/-352.256 χ^2/NDF: 23.6/33

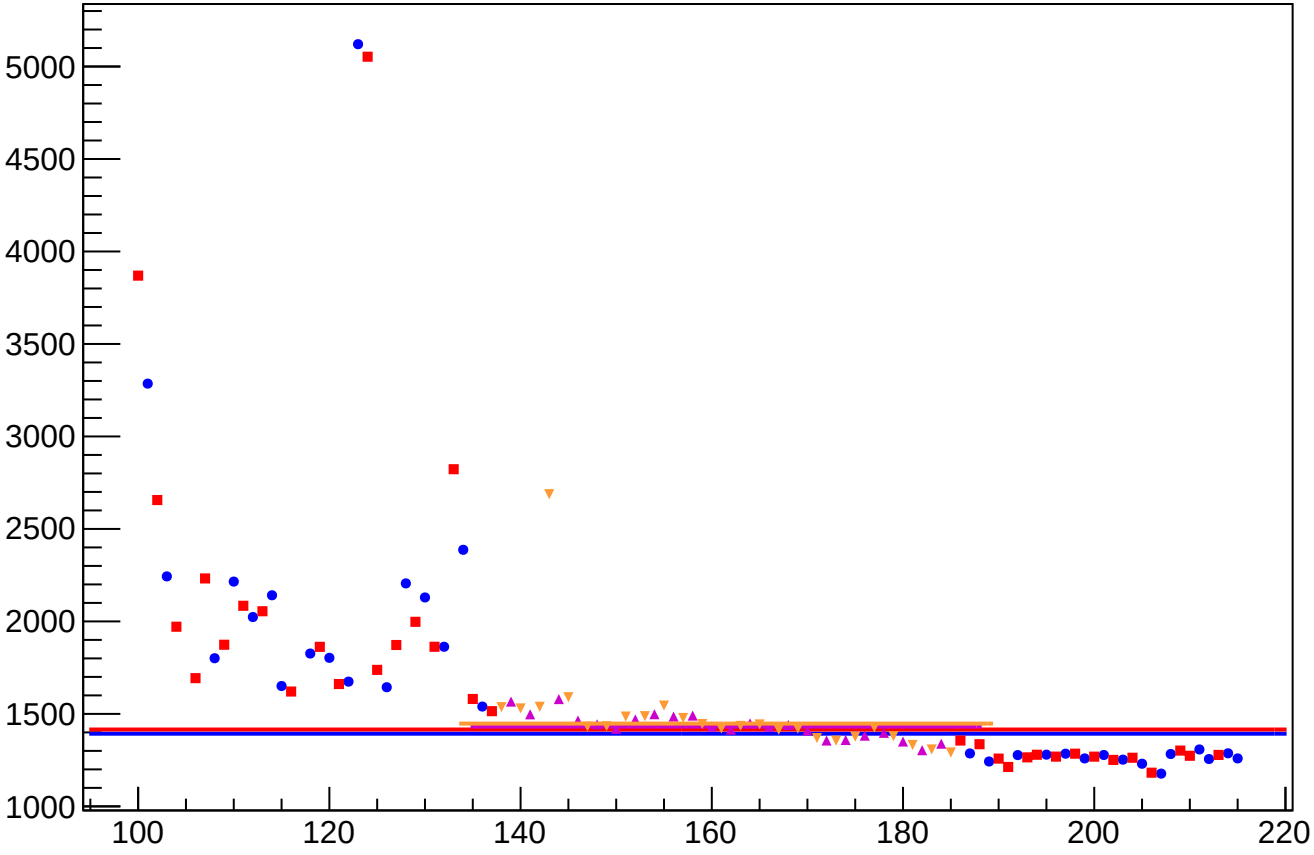
Left In: 107.512+/-343.663 χ^2/NDF:19.5/22

+ sign -364.753+/-241.580 χ^2/NDF: 69.4/56

All: 22.416+/-172.360 χ^2/NDF: 119.4/113

- sign 423.843+/-245.988 χ^2/NDF: 44.8/56

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: 1415.598+/-0.249 χ^2/NDF: 1619497.0/33

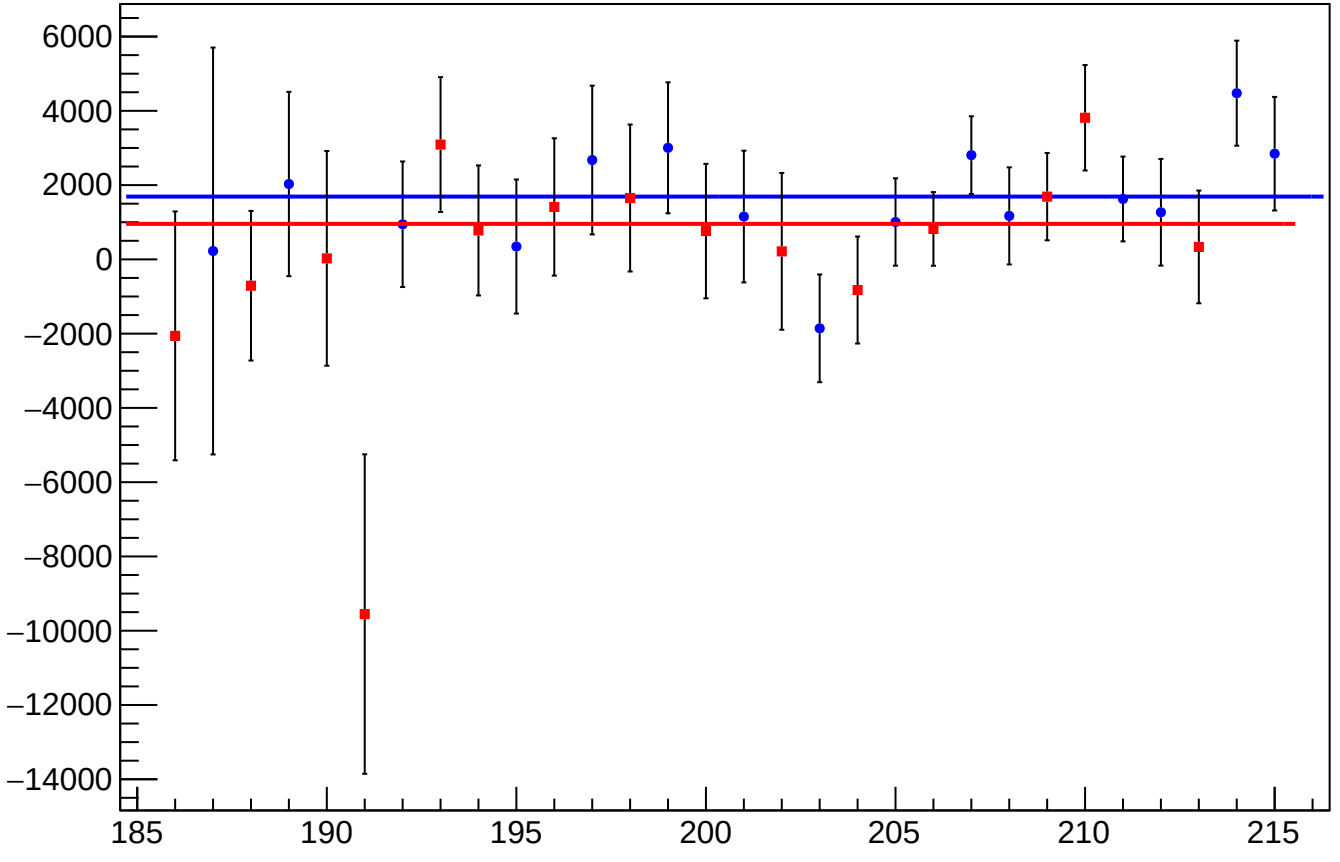
Left In: 1431.456+/-0.243 χ^2/NDF:75130.4/22

+ sign 1420.632+/-0.171 χ^2/NDF: 2043523.6/56

All: 1422.149+/-0.122 χ^2/NDF: 3740388.5/11

- sign 1423.722+/-0.174 χ^2/NDF: 1696704.1/56

asym_atl_dd_atr_dd_dd_correction_mean vs Slug



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: 955.667+/-431.633 χ^2/NDF: 15.4/14

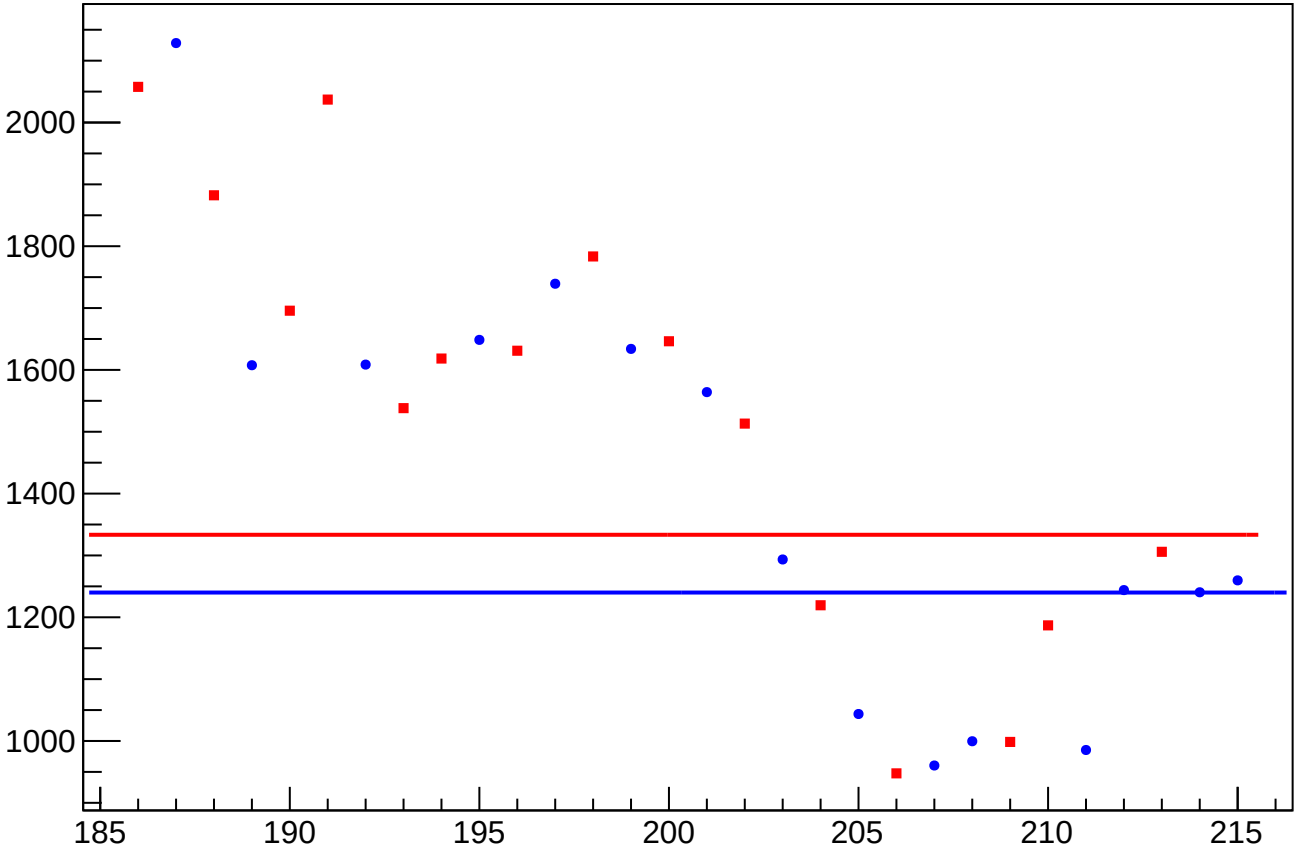
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1361.359+/-288.864 χ^2/NDF: 30.9/29

- 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: 1333.410+/-0.305 χ^2/NDF: 1134065.5/14

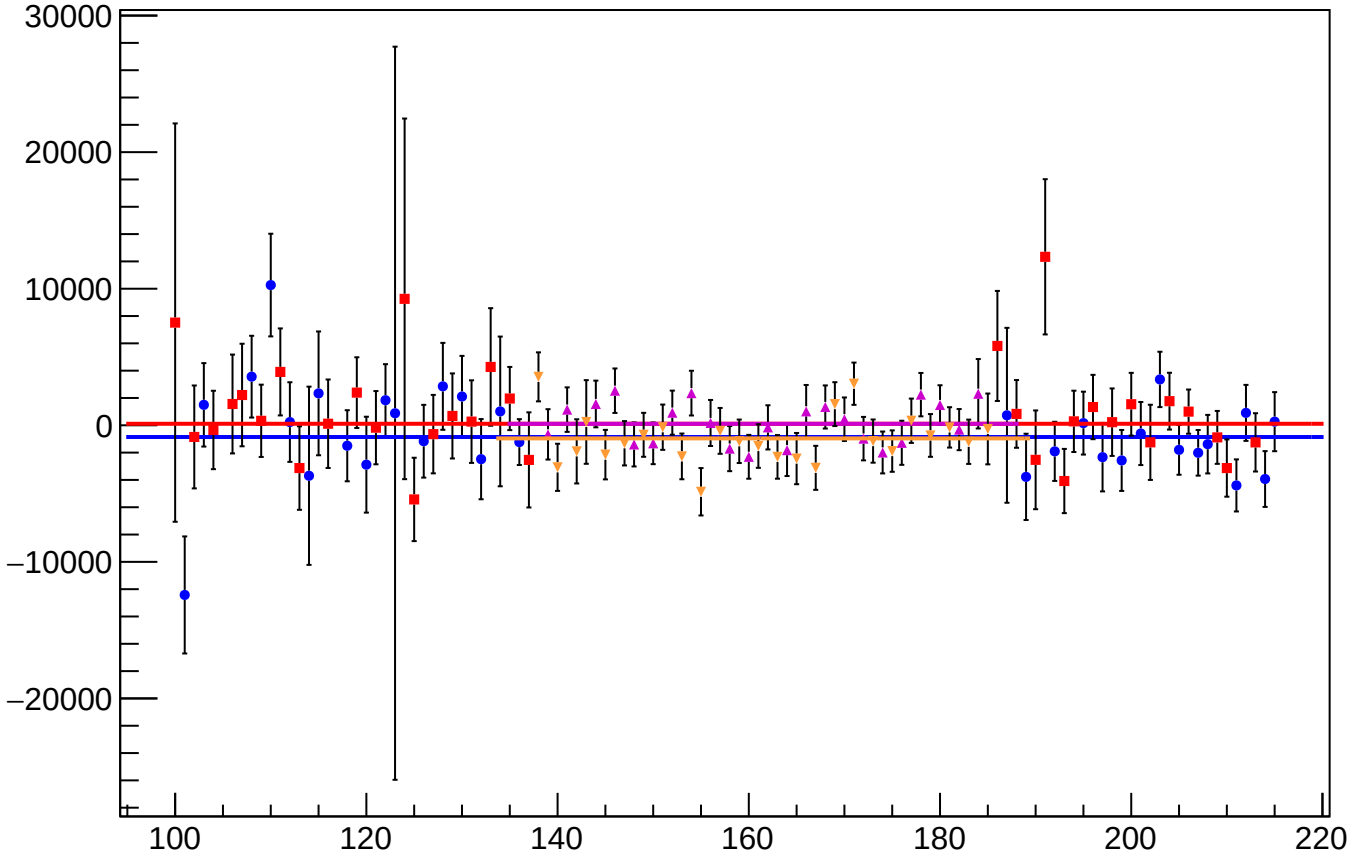
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

All: 1281.848+/-0.204 χ^2/NDF: 2139381.6/29

- 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: 111.192+/-468.872 χ^2/NDF: 25.5/33

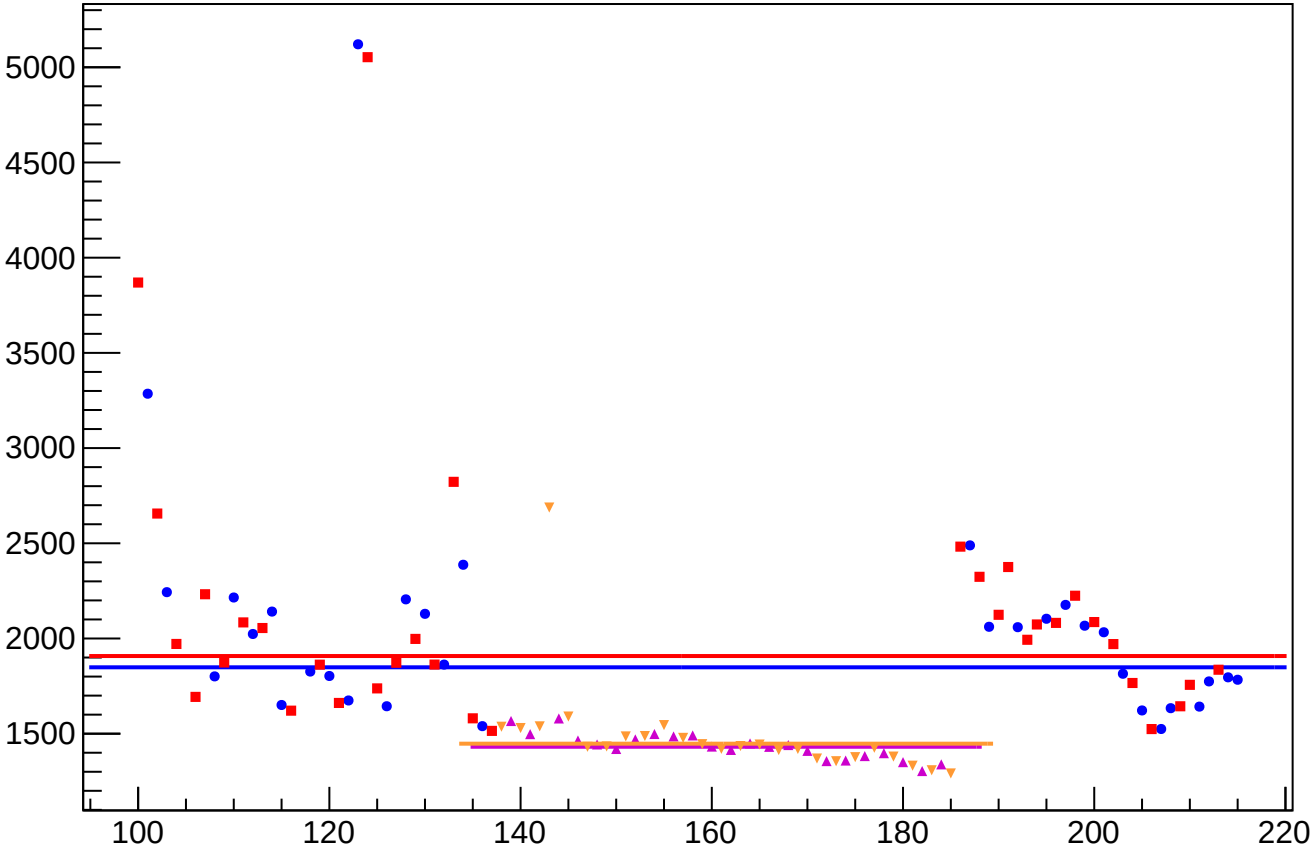
Left In: 107.512+/-343.663 χ^2/NDF:19.5/22

+ sign -922.216+/-271.149 χ^2/NDF: 66.6/56

All: -418.049+/-193.829 χ^2/NDF: 118.7/113

- sign 108.798+/-277.181 χ^2/NDF: 45.0/56

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

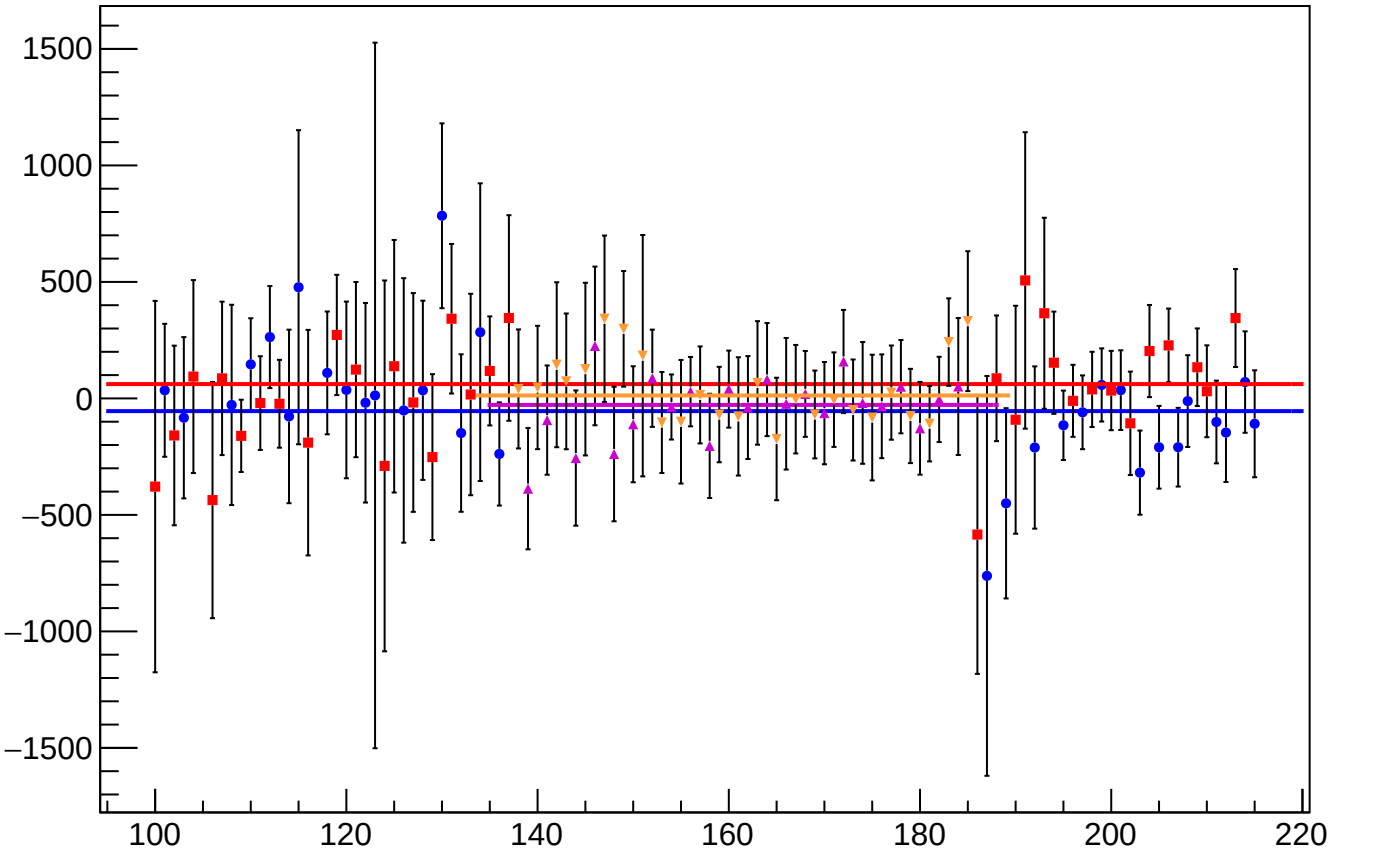
Right Out: 1907.866+/-0.332 χ^2/NDF: 819835.2/33

Left In: 1431.456+/-0.243 χ^2/NDF:75130.4/22

+ sign 1592.796+/-0.192 χ^2/NDF: 2198343.6/56

All: 1595.317+/-0.137 χ^2/NDF: 4436897.6/11

- sign 1597.952+/-0.196 χ^2/NDF: 2238200.4/56



Right In: -54.547+/-42.662 χ^2/NDF: 17.1/31

Left Out: 12.618+/-47.486 χ^2/NDF:7.7/24

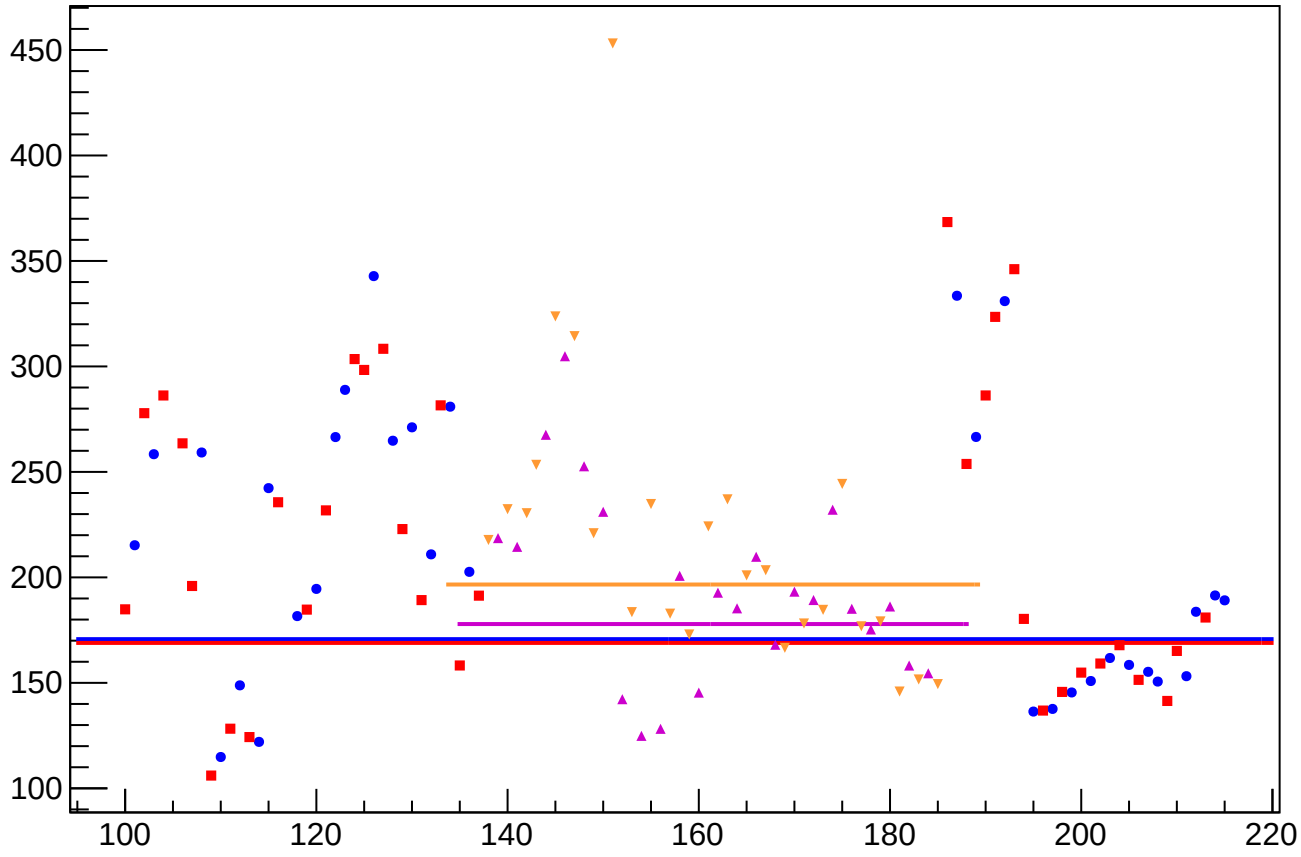
Right Out: 61.465+/-43.078 χ^2/NDF: 14.2/33

Left In: -27.921+/-44.523 χ^2/NDF:6.5/22

+ sign -24.548+/-31.735 χ^2/NDF: 25.9/56

All: -2.621+/-22.161 χ^2/NDF: 49.7/113

- sign 18.246+/-30.959 χ^2/NDF: 22.8/56



Right In: 170.722+/-0.030 χ^2/NDF: 2170296.7/31

Left Out: 196.620+/-0.034 χ^2/NDF:1793507.9/24

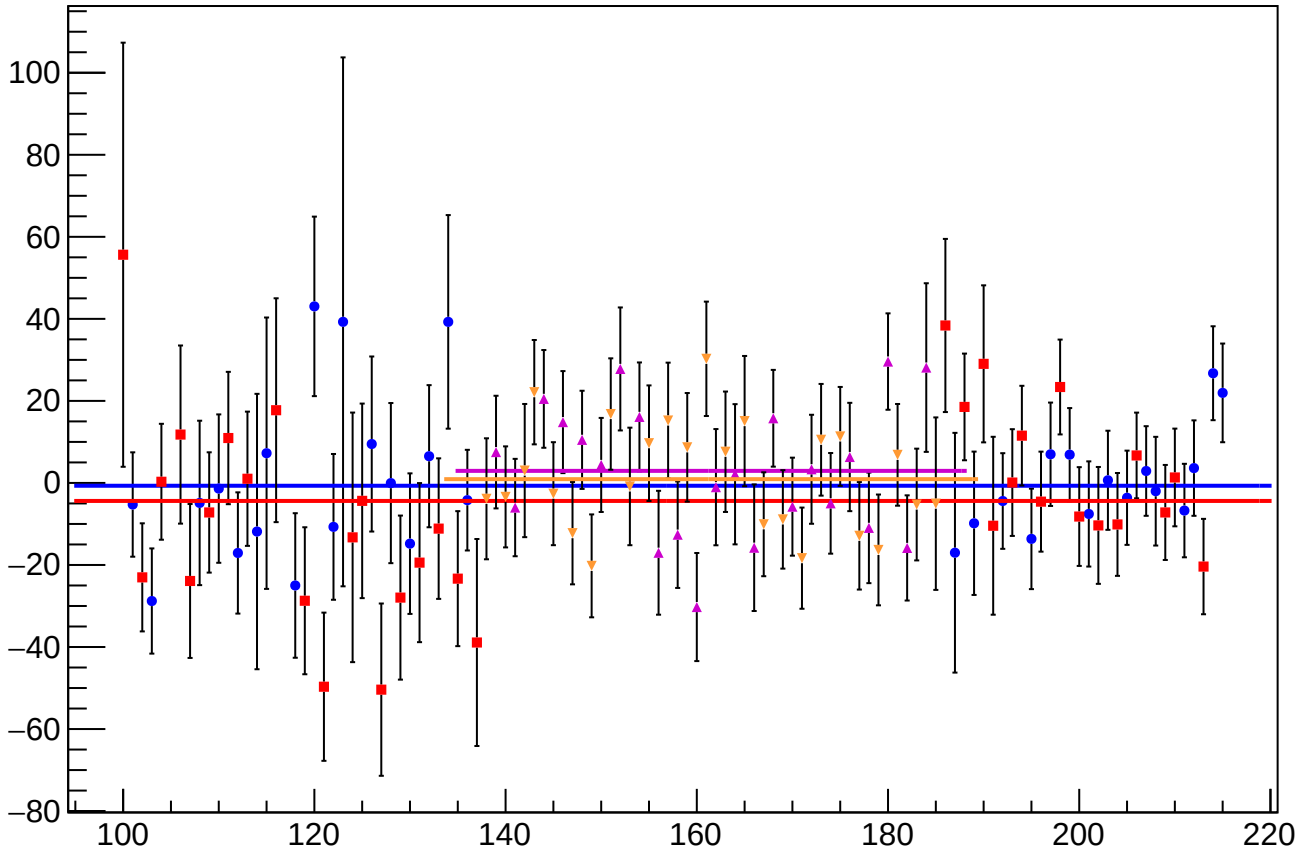
Right Out: 168.937+/-0.030 χ^2/NDF: 2838720.3/33

Left In: 177.878+/-0.031 χ^2/NDF:1644086.7/22

+ sign 182.289+/-0.022 χ^2/NDF: 4292981.7/56

All: 177.663+/-0.016 χ^2/NDF: 8900398.8/113

- sign 173.260+/-0.022 χ^2/NDF: 4524464.5/56



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: -4.389+/-2.636 χ^2/NDF: 46.9/33

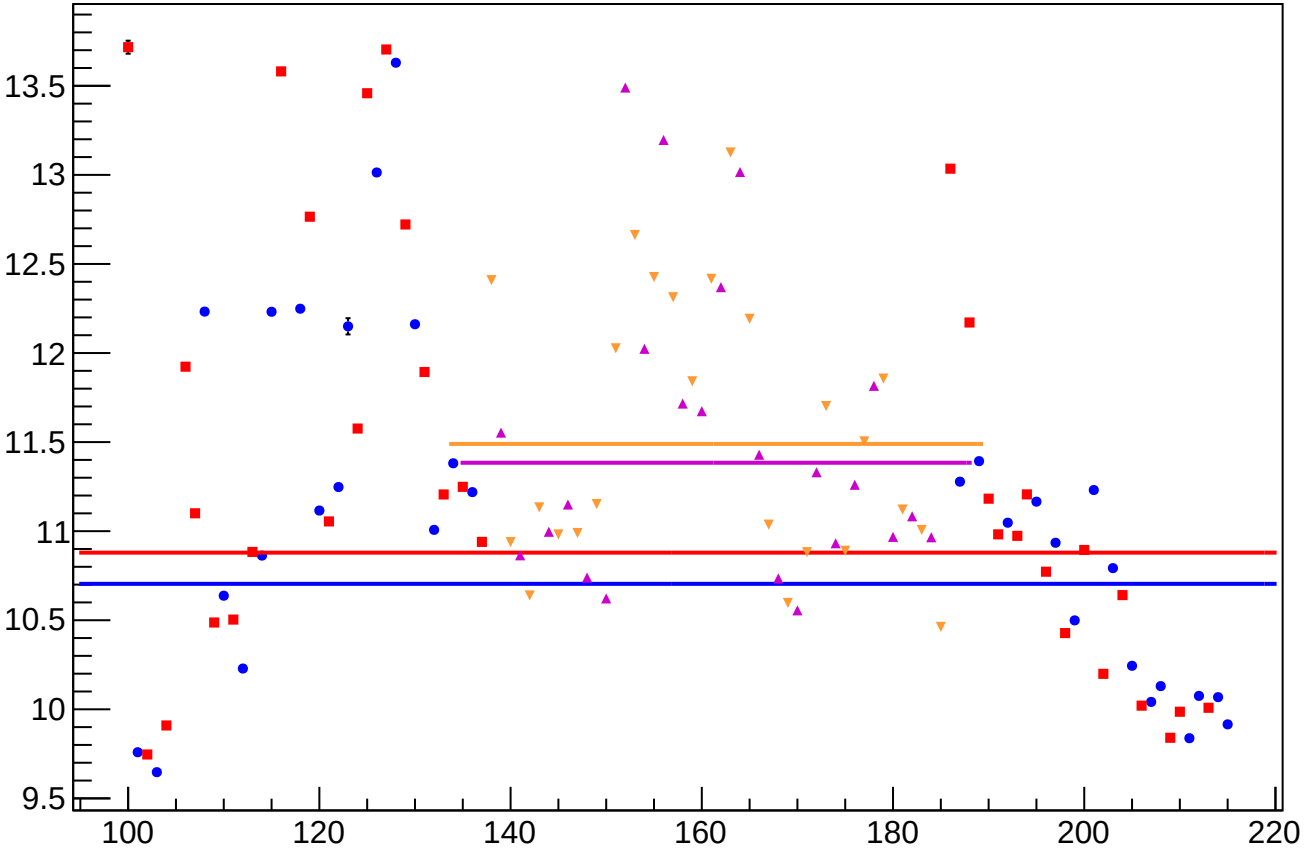
Left In: 2.941+/-2.745 χ^2/NDF:31.0/22

\+ sign 0.084+/-1.867 χ^2/NDF: 53.5/56

All: -0.386+/-1.332 χ^2/NDF: 135.2/113

\- sign -0.872+/-1.901 χ^2/NDF: 81.6/56

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

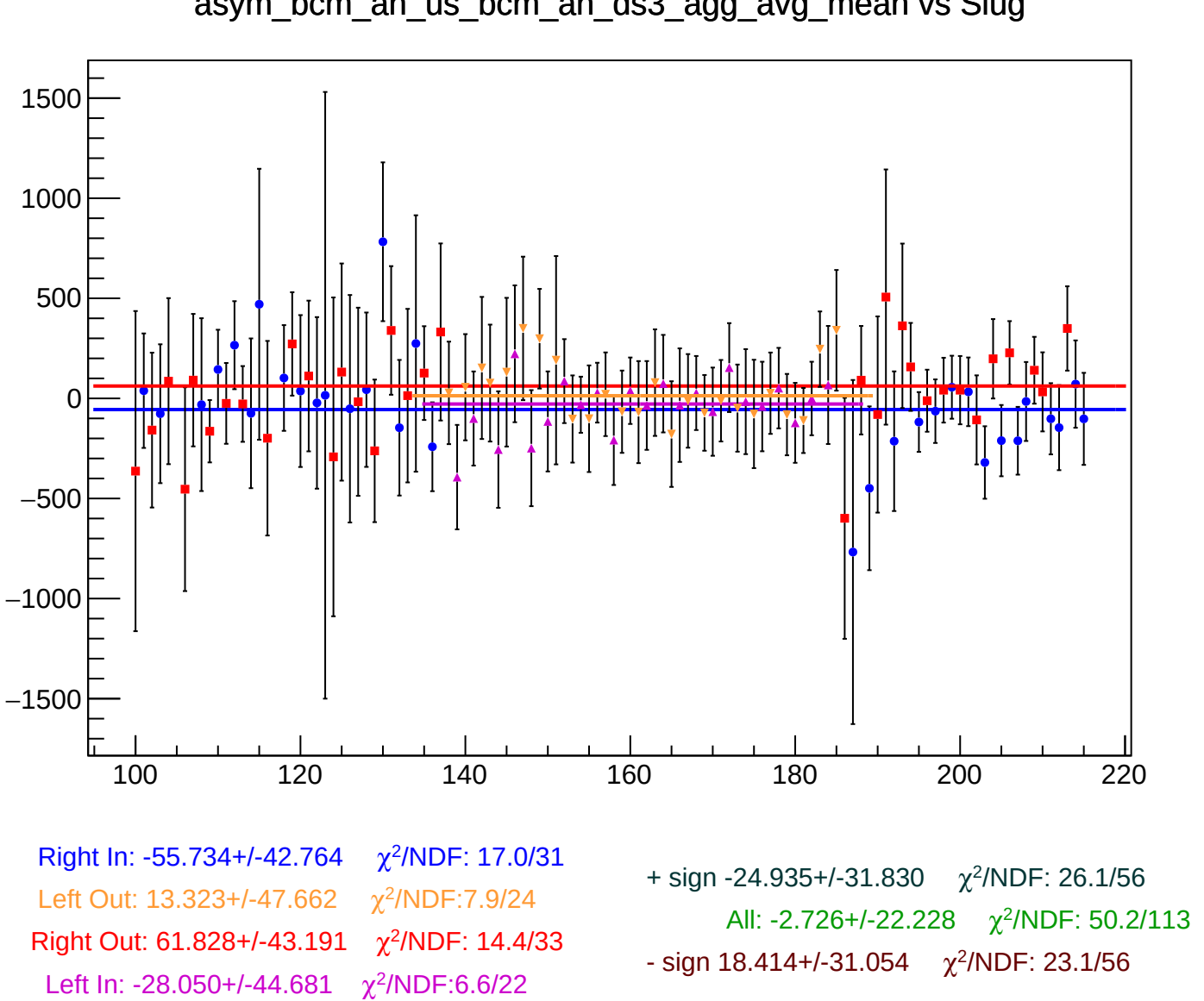
Right Out: 10.879+/-0.002 χ^2/NDF: 267939.7/33

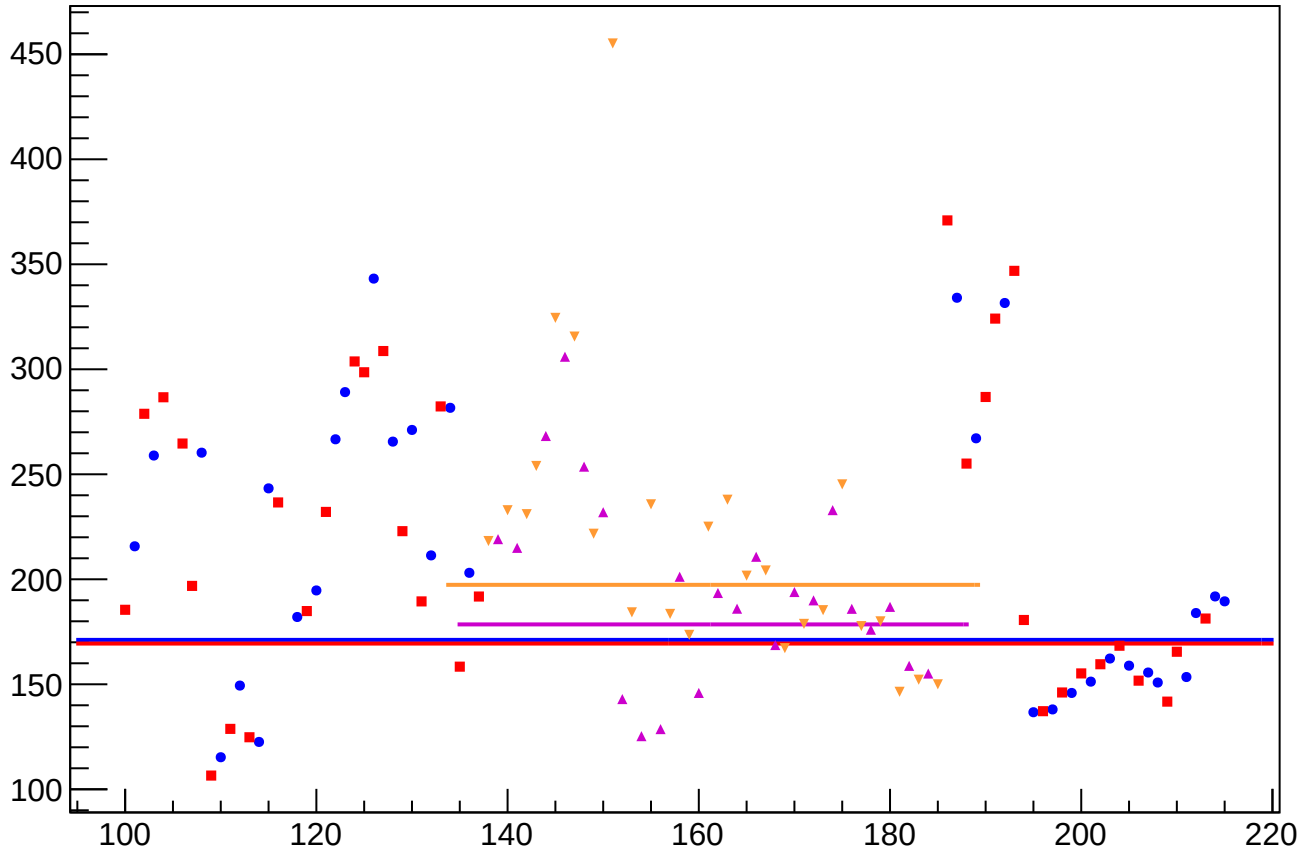
Left In: 11.384+/-0.002 χ^2/NDF:149799.6/22

+ sign 11.081+/-0.001 χ^2/NDF: 430424.1/56

All: 11.101+/-0.001 χ^2/NDF: 883797.6/113

- sign 11.122+/-0.001 χ^2/NDF: 452910.1/56


asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug
1500
1000
500
0
−500
−1000
−1500
100
120
140
160
180
200
220
Right In: -55.734+/-42.764 χ²/NDF: 17.0/31
Left Out: 13.323+/-47.662 χ²/NDF:7.9/24
Right Out: 61.828+/-43.191 χ²/NDF: 14.4/33
Left In: -28.050+/-44.681 χ²/NDF:6.6/22
+ sign -24.935+/-31.830 χ²/NDF: 26.1/56
All: -2.726+/-22.228 χ²/NDF: 50.2/113
- sign 18.414+/-31.054 χ²/NDF: 23.1/56



Right In: 171.144+/-0.030 χ^2/NDF: 2165234.1/31

Left Out: 197.355+/-0.034 χ^2/NDF:1790824.5/24

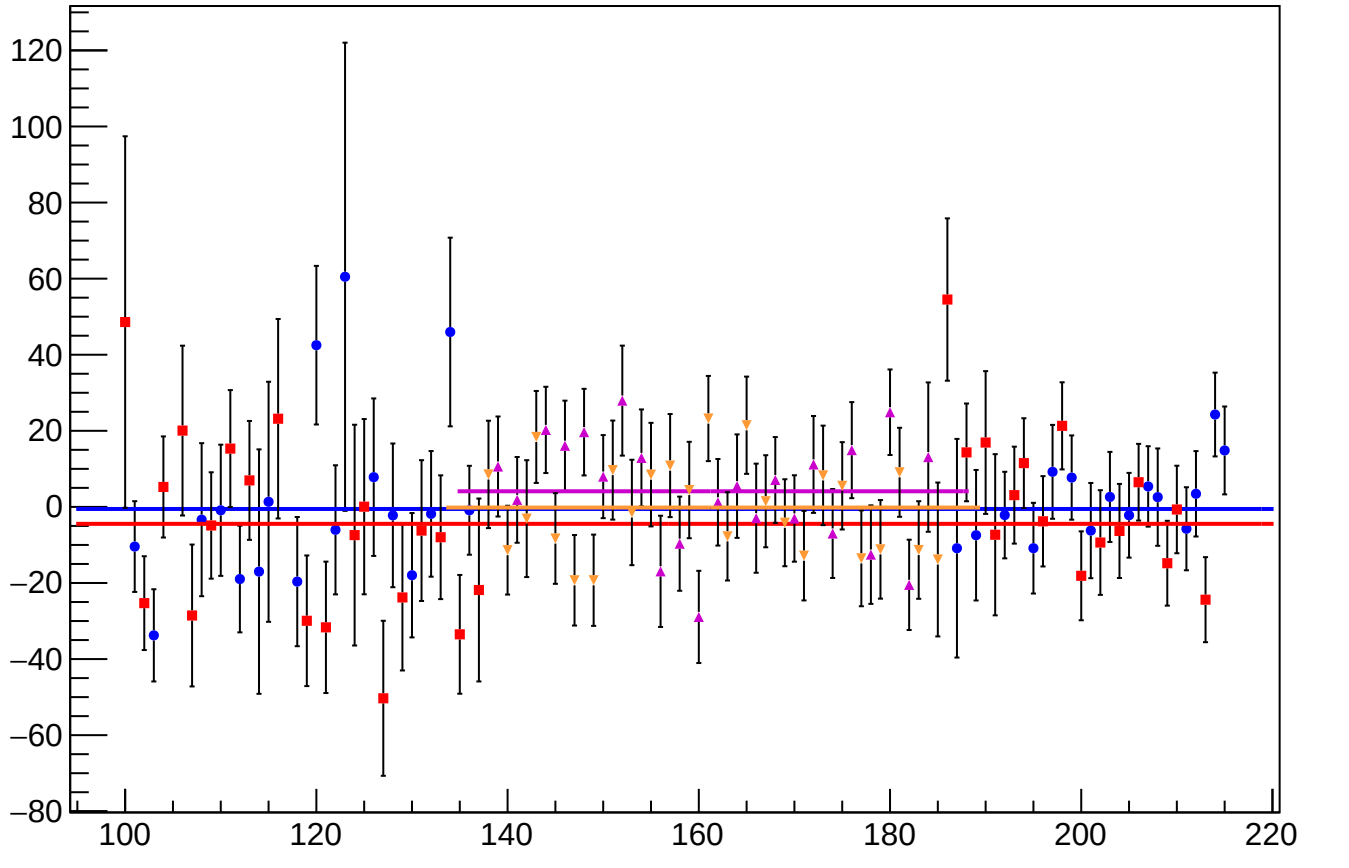
Right Out: 169.387+/-0.031 χ^2/NDF: 2835303.9/33

Left In: 178.512+/-0.032 χ^2/NDF:1642304.1/22

+ sign 182.834+/-0.023 χ^2/NDF: 4291168.5/56

All: 178.203+/-0.016 χ^2/NDF: 8894533.7/113

- sign 173.795+/-0.022 χ^2/NDF: 4520731.3/56



Right In: -0.543+/-2.496 χ^2/NDF: 31.8/31

Left Out: -0.170+/-2.520 χ^2/NDF:24.4/24

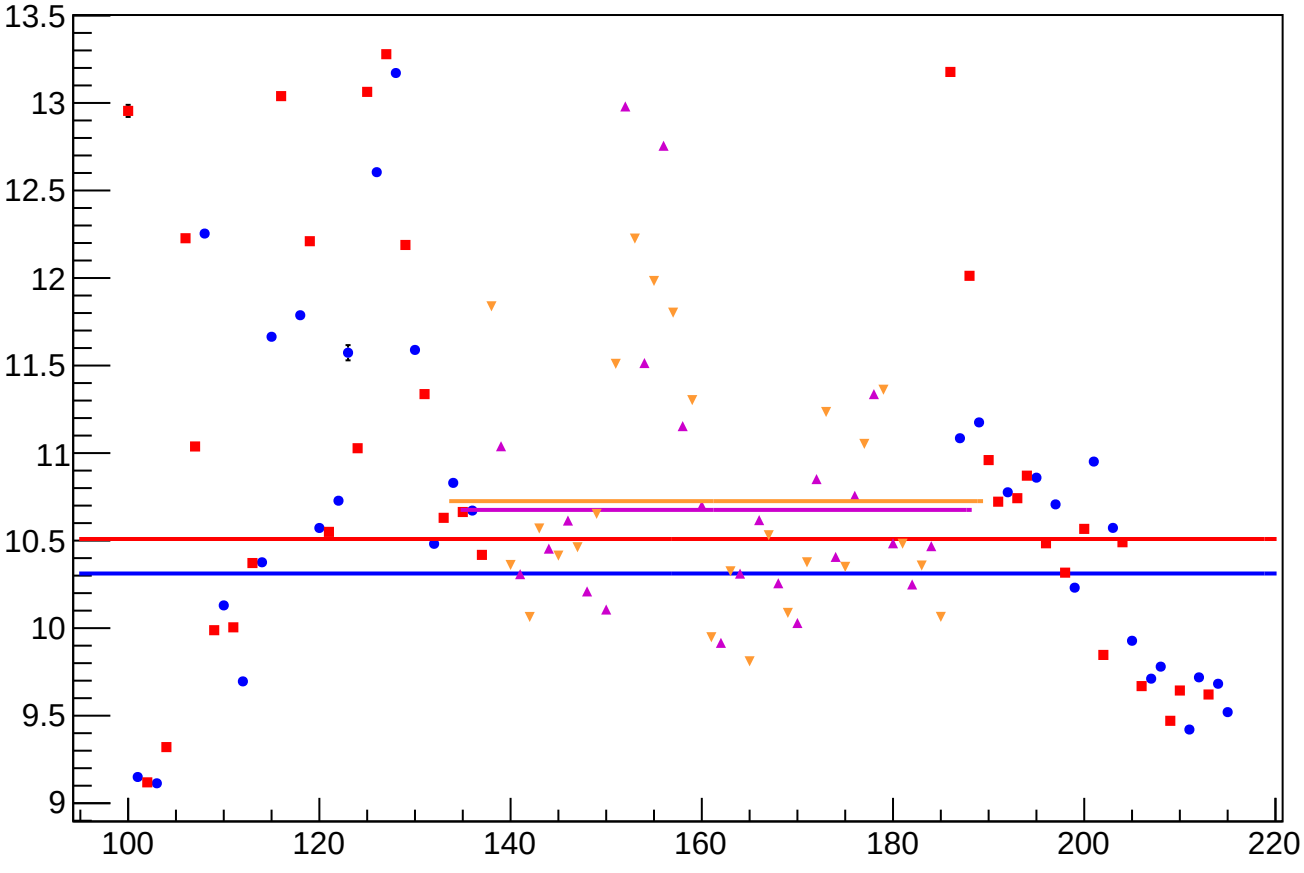
Right Out: -4.453+/-2.549 χ^2/NDF: 50.8/33

Left In: 4.107+/-2.577 χ^2/NDF:31.5/22

\+ sign -0.359+/-1.773 χ^2/NDF: 56.2/56

All: -0.291+/-1.268 χ^2/NDF: 144.1/113

\- sign -0.220+/-1.812 χ^2/NDF: 87.9/56



Right In: 10.312+/-0.002 χ^2/NDF: 237514.7/31

Left Out: 10.725+/-0.002 χ^2/NDF:132170.8/24

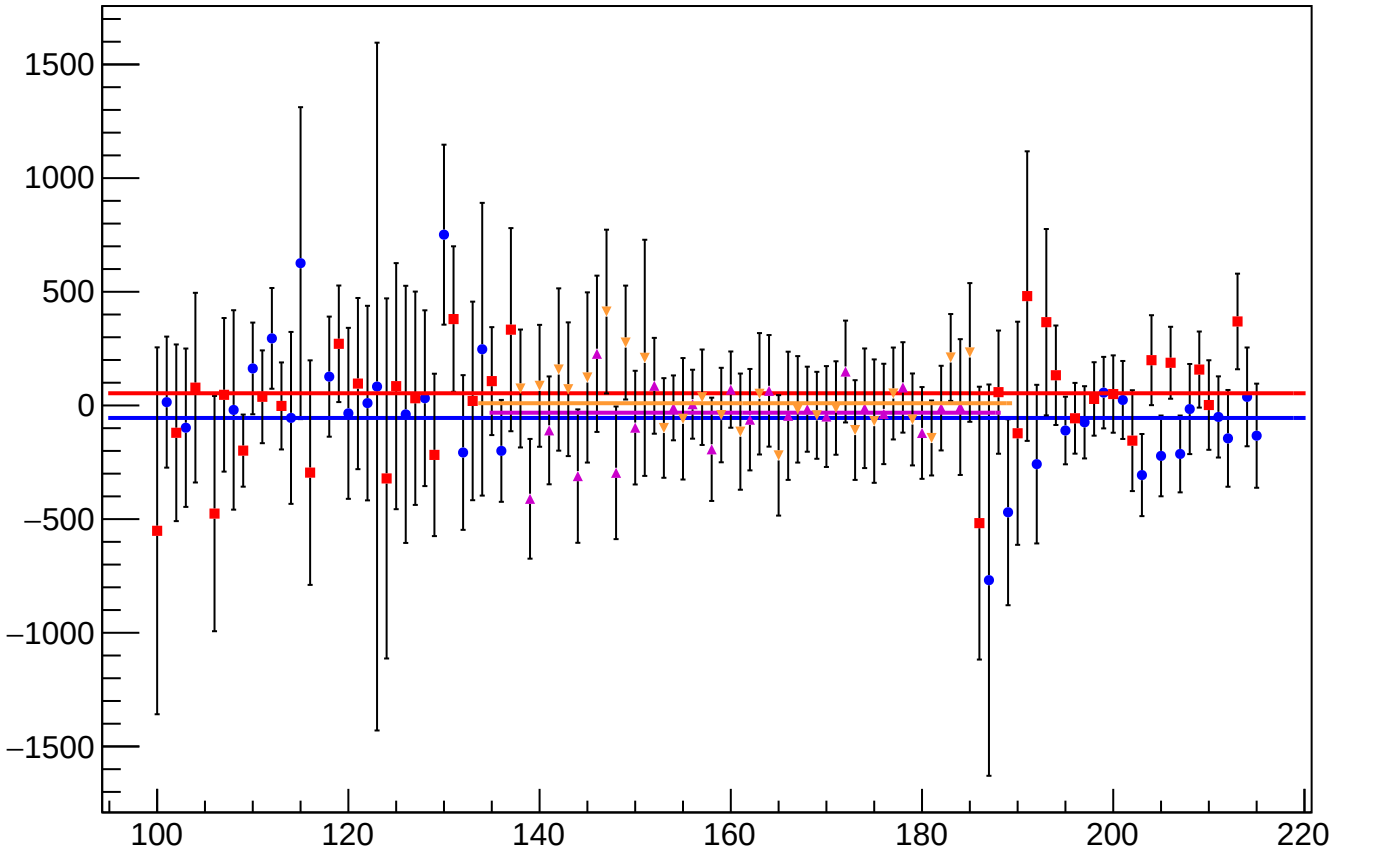
Right Out: 10.509+/-0.002 χ^2/NDF: 308065.3/33

Left In: 10.675+/-0.002 χ^2/NDF:145938.2/22

+ sign 10.517+/-0.001 χ^2/NDF: 396843.6/56

All: 10.553+/-0.001 χ^2/NDF: 856784.0/113

- sign 10.591+/-0.001 χ^2/NDF: 458207.0/56



Right In: -55.022+/-42.824 χ^2/NDF: 17.4/31

Left Out: 9.801+/-47.979 χ^2/NDF:7.5/24

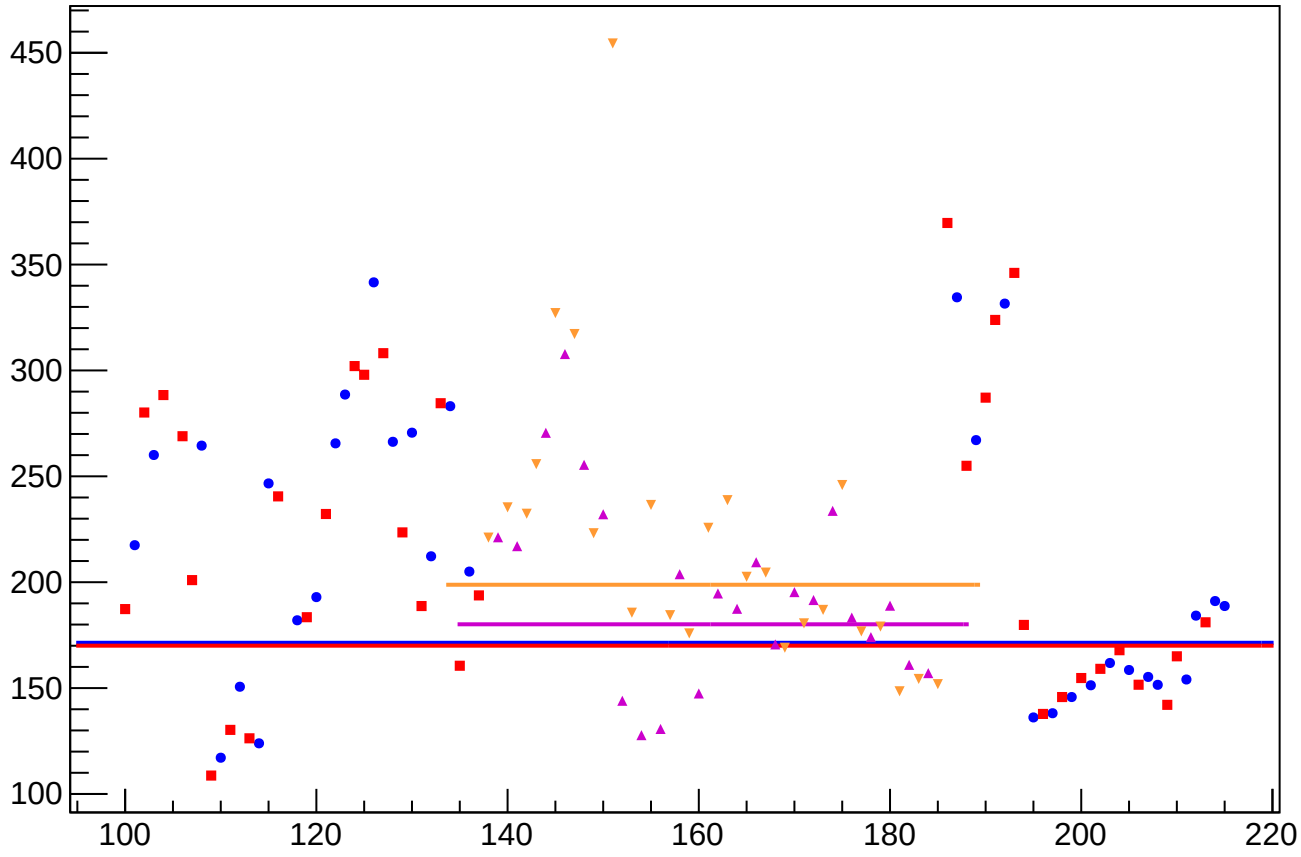
Right Out: 53.606+/-43.319 χ^2/NDF: 15.5/33

Left In: -31.989+/-45.038 χ^2/NDF:7.2/22

\+ sign -26.278+/-31.949 χ^2/NDF: 26.0/56

All: -6.456+/-22.330 χ^2/NDF: 51.3/113

\- sign 12.474+/-31.221 χ^2/NDF: 24.6/56



Right In: 171.394+/-0.030 χ^2/NDF: 2160600.5/31

Left Out: 198.800+/-0.034 χ^2/NDF:1763119.1/24

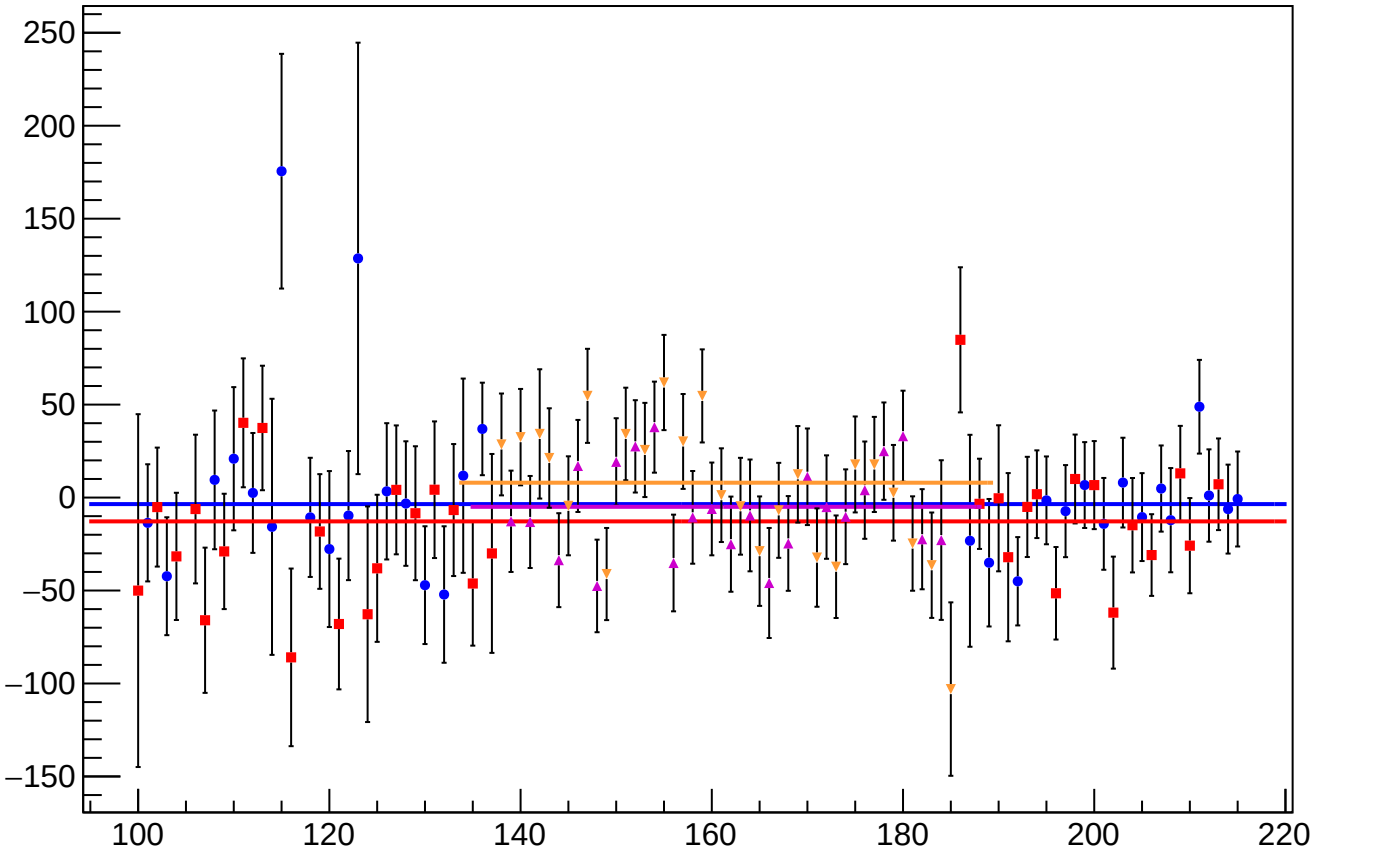
Right Out: 170.028+/-0.031 χ^2/NDF: 2794396.8/33

Left In: 180.123+/-0.032 χ^2/NDF:1593842.6/22

+ sign 183.546+/-0.023 χ^2/NDF: 4286930.3/56

All: 179.113+/-0.016 χ^2/NDF: 8802654.5/113

- sign 174.879+/-0.022 χ^2/NDF: 4440434.0/56



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: -12.813+/-5.357 χ^2/NDF: 31.3/33

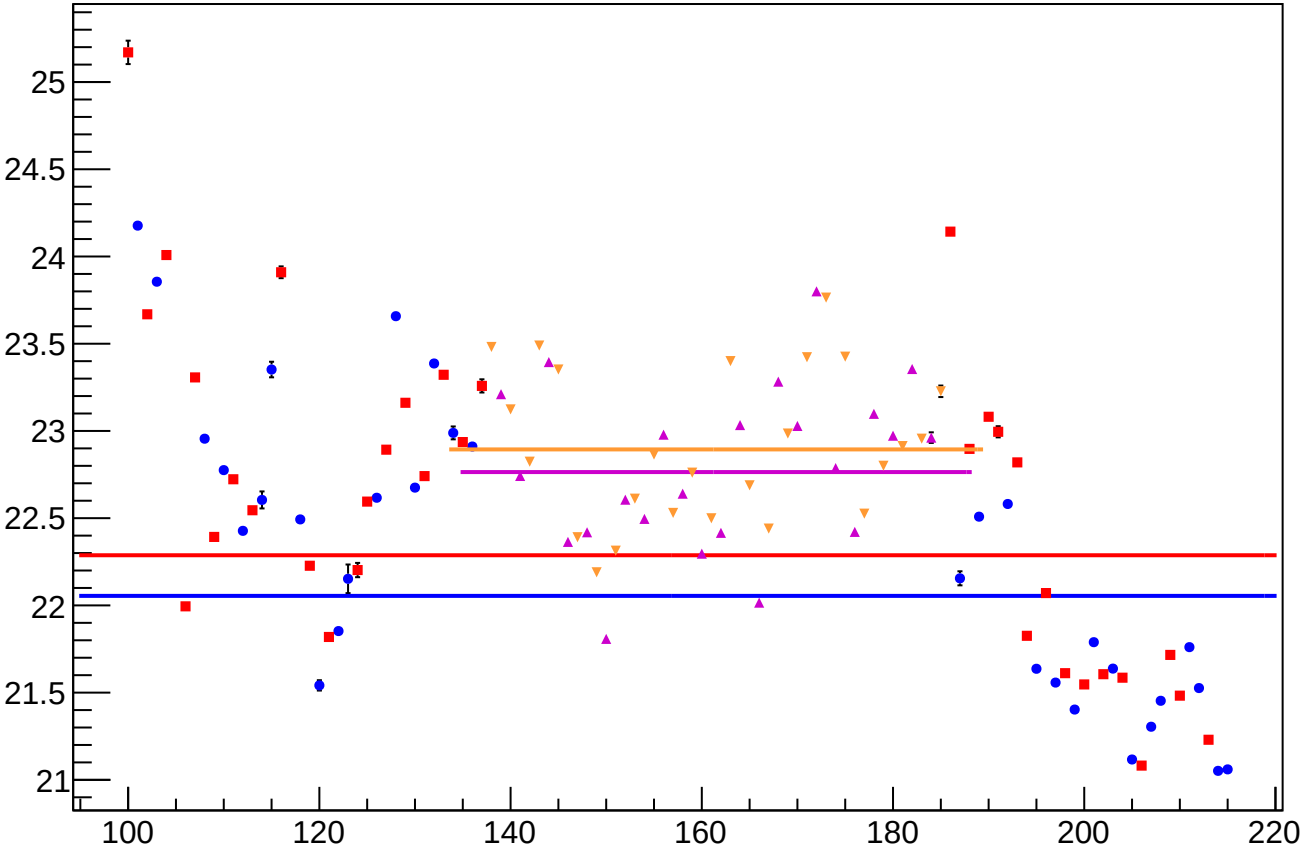
Left In: -4.973+/-5.444 χ^2/NDF:20.5/22

+ sign 2.208+/-3.757 χ^2/NDF: 67.5/56

All: -3.283+/-2.678 χ^2/NDF: 124.6/113

- sign -8.956+/-3.818 χ^2/NDF: 52.8/56

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

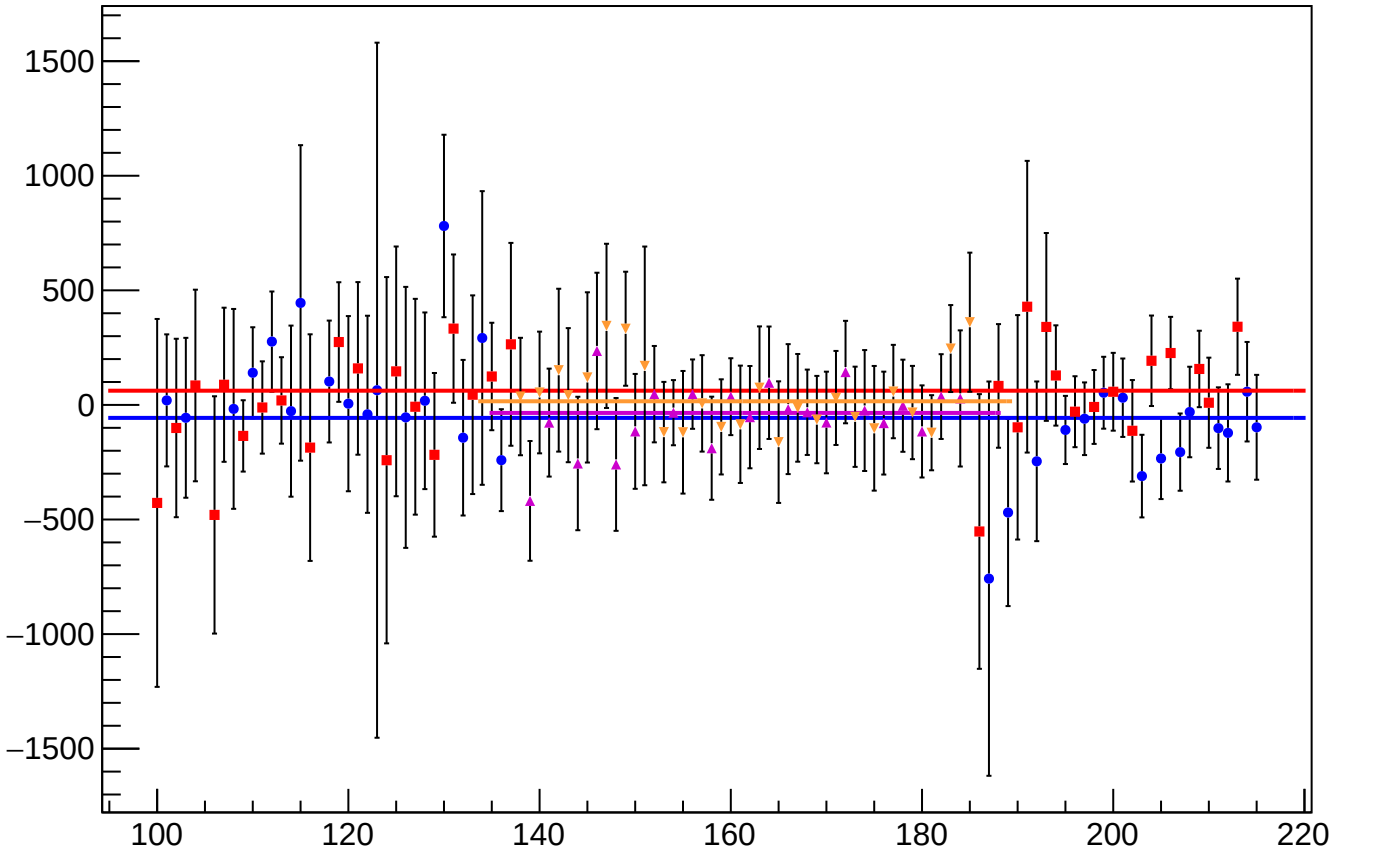
Right Out: 22.287+/-0.004 χ^2/NDF: 48137.5/33

Left In: 22.764+/-0.004 χ^2/NDF:14665.7/22

+ sign 22.472+/-0.003 χ^2/NDF: 87966.9/56

All: 22.497+/-0.002 χ^2/NDF: 158737.6/113

- sign 22.522+/-0.003 χ^2/NDF: 70597.3/56



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: 62.073+/-43.137 χ^2/NDF: 13.1/33

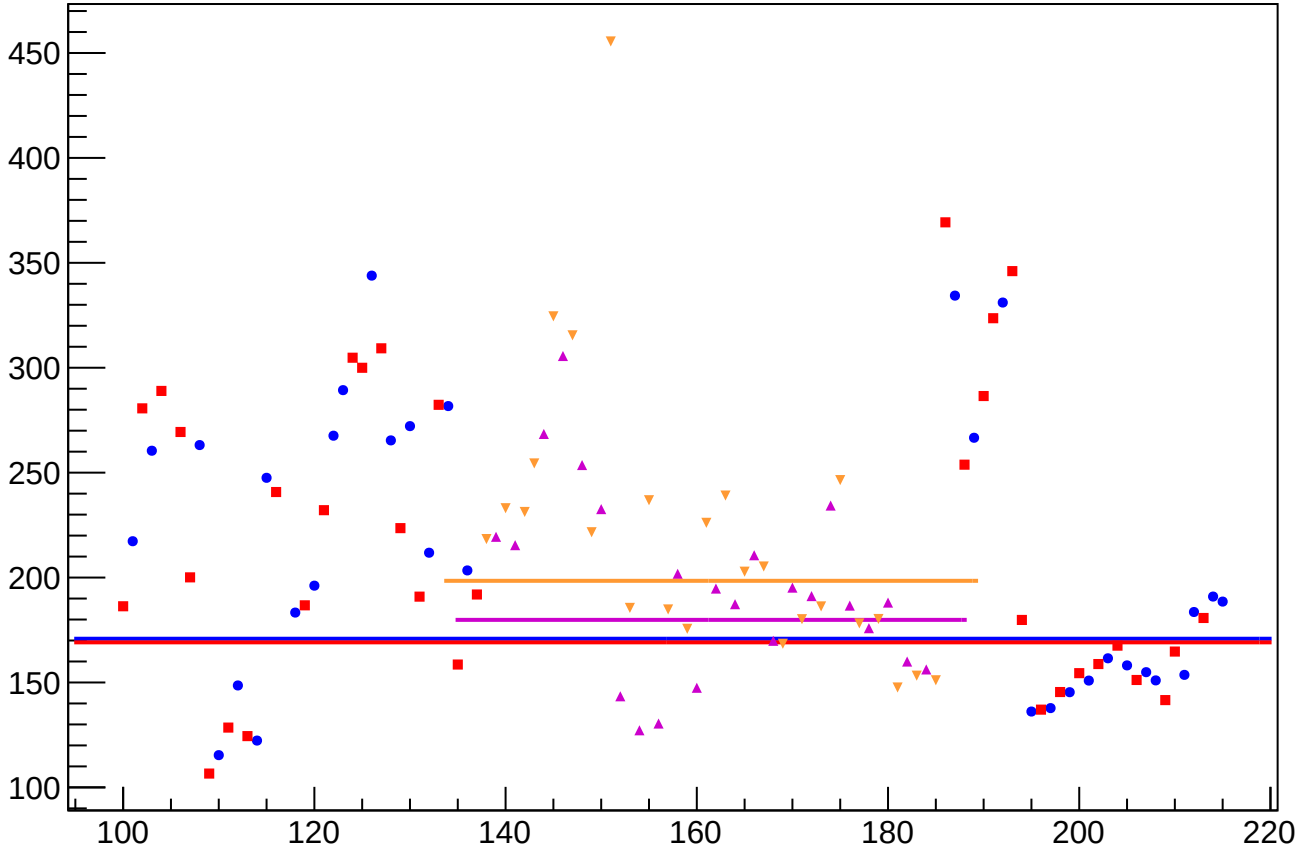
Left In: -34.919+/-44.971 χ^2/NDF:6.6/22

+ sign -24.491+/-31.876 χ^2/NDF: 26.6/56

All: -3.974+/-22.271 χ^2/NDF: 49.6/113

- sign 15.595+/-31.131 χ^2/NDF: 22.1/56

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

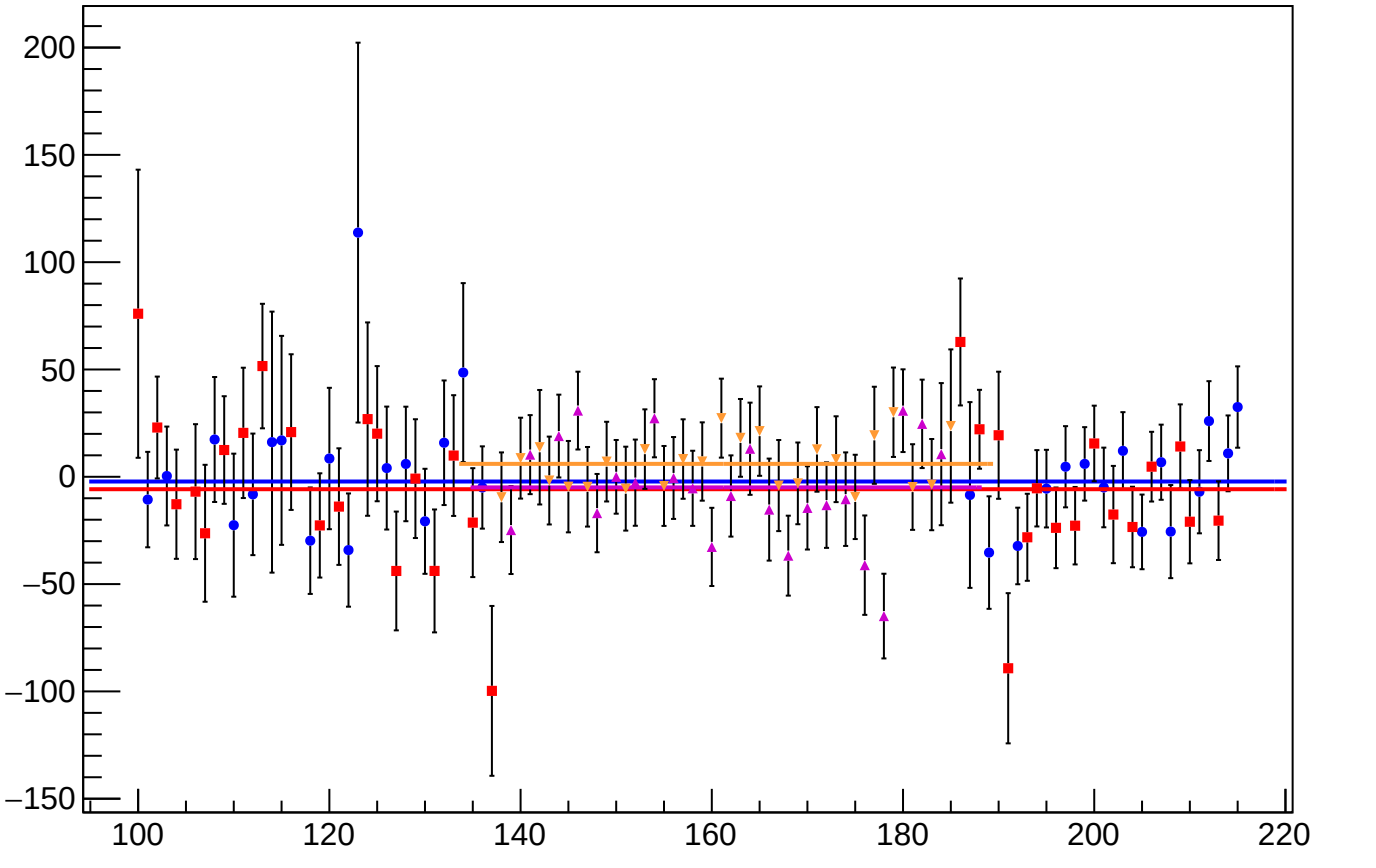
Right Out: 169.121+/-0.031 χ^2/NDF: 2862538.5/33

Left In: 179.839+/-0.032 χ^2/NDF:1588834.3/22

+ sign 183.070+/-0.023 χ^2/NDF: 4323570.7/56

All: 178.559+/-0.016 χ^2/NDF: 8912355.7/113

- sign 174.257+/-0.022 χ^2/NDF: 4510542.4/56



Right In: -2.201+/-4.035 χ^2/NDF: 23.4/31

Left Out: 6.020+/-4.017 χ^2/NDF:8.1/24

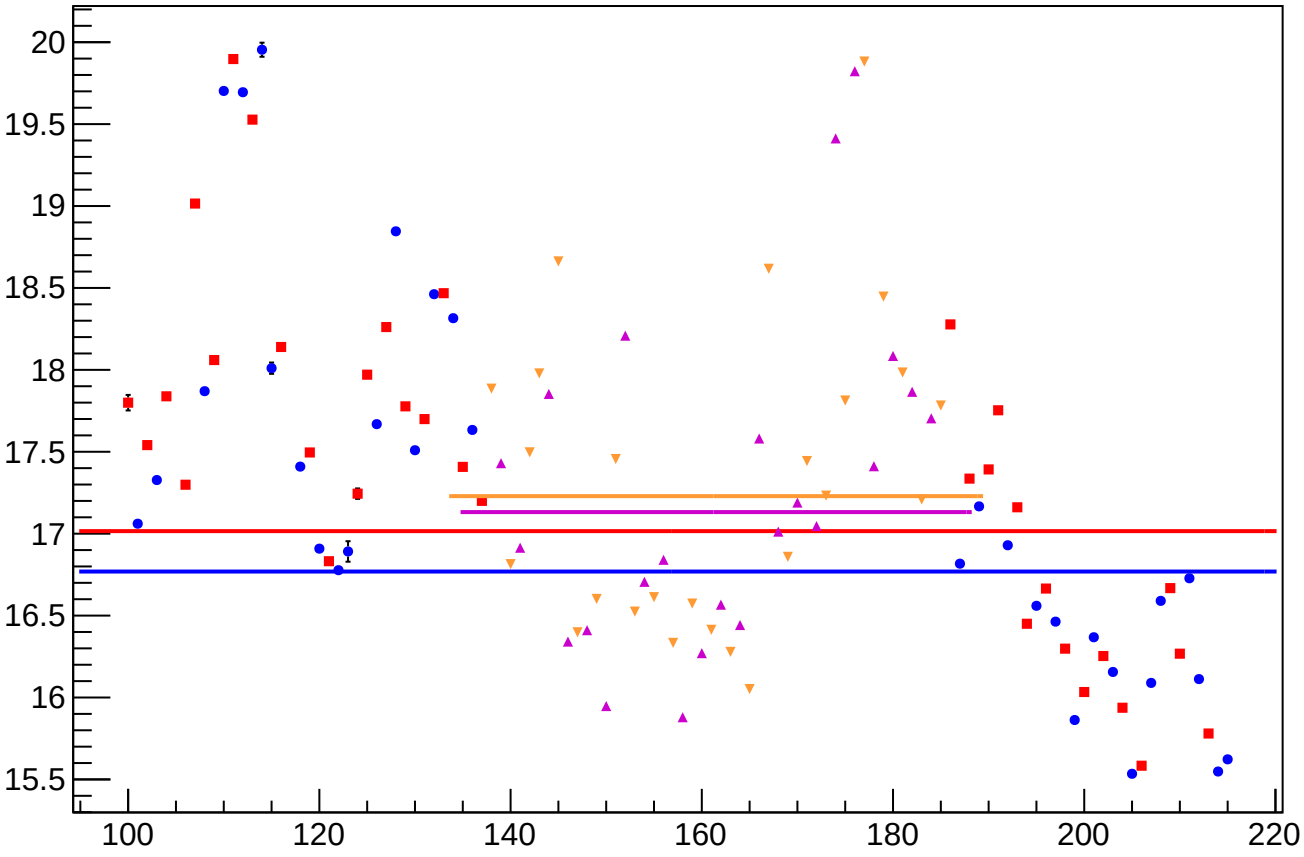
Right Out: -5.788+/-4.097 χ^2/NDF: 43.4/33

Left In: -4.943+/-4.108 χ^2/NDF:34.8/22

+ sign 1.928+/-2.847 χ^2/NDF: 33.6/56

All: -1.651+/-2.032 χ^2/NDF: 115.1/113

- sign -5.367+/-2.901 χ^2/NDF: 78.2/56



Right In: 16.769+/-0.003 χ^2/NDF: 121779.8/31

Left Out: 17.229+/-0.003 χ^2/NDF:98624.7/24

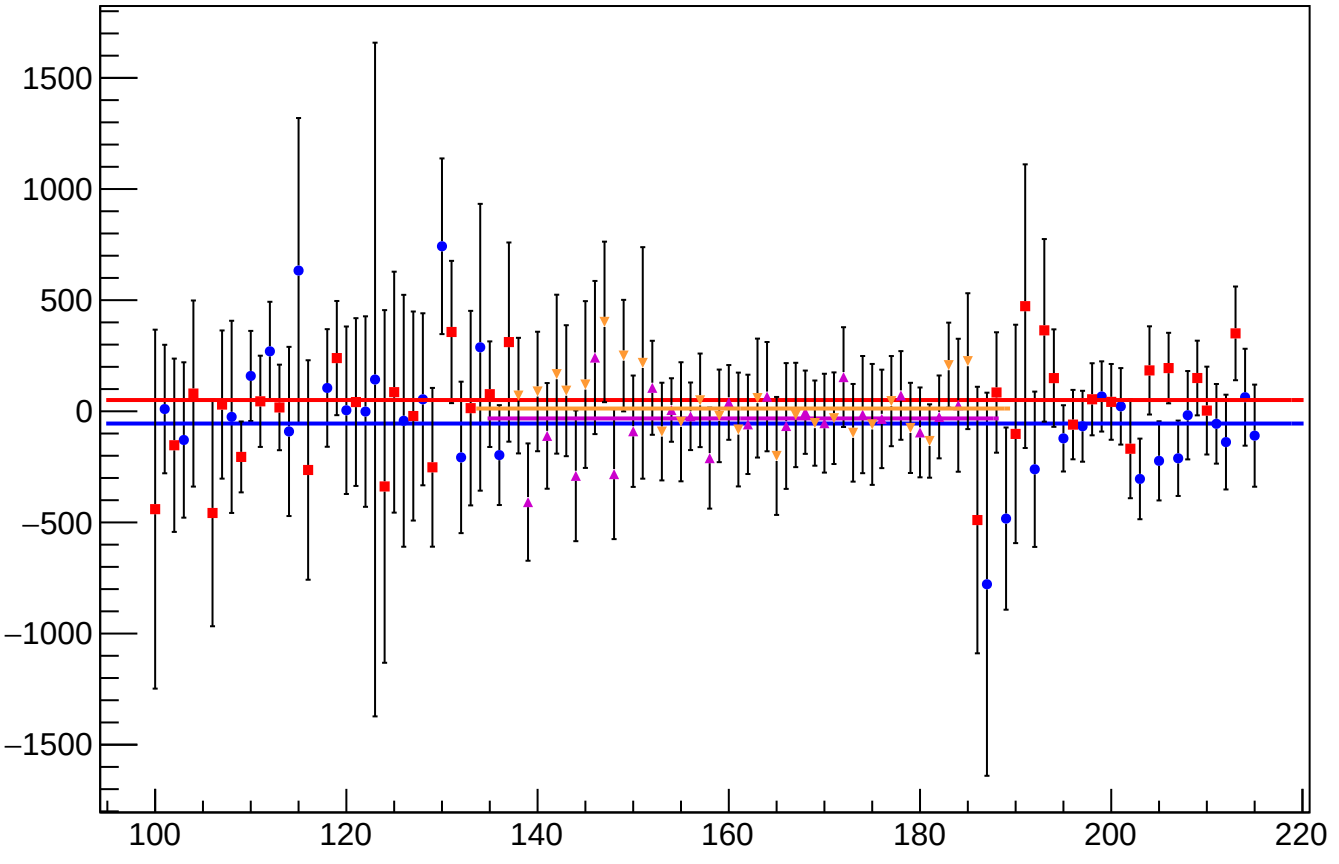
Right Out: 17.016+/-0.003 χ^2/NDF: 119833.8/33

Left In: 17.132+/-0.003 χ^2/NDF:103997.3/22

+ sign 17.000+/-0.002 χ^2/NDF: 233469.8/56

All: 17.036+/-0.001 χ^2/NDF: 458758.3/113

- sign 17.074+/-0.002 χ^2/NDF: 224633.6/56



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: 50.677+/-43.433 χ^2/NDF: 14.8/33

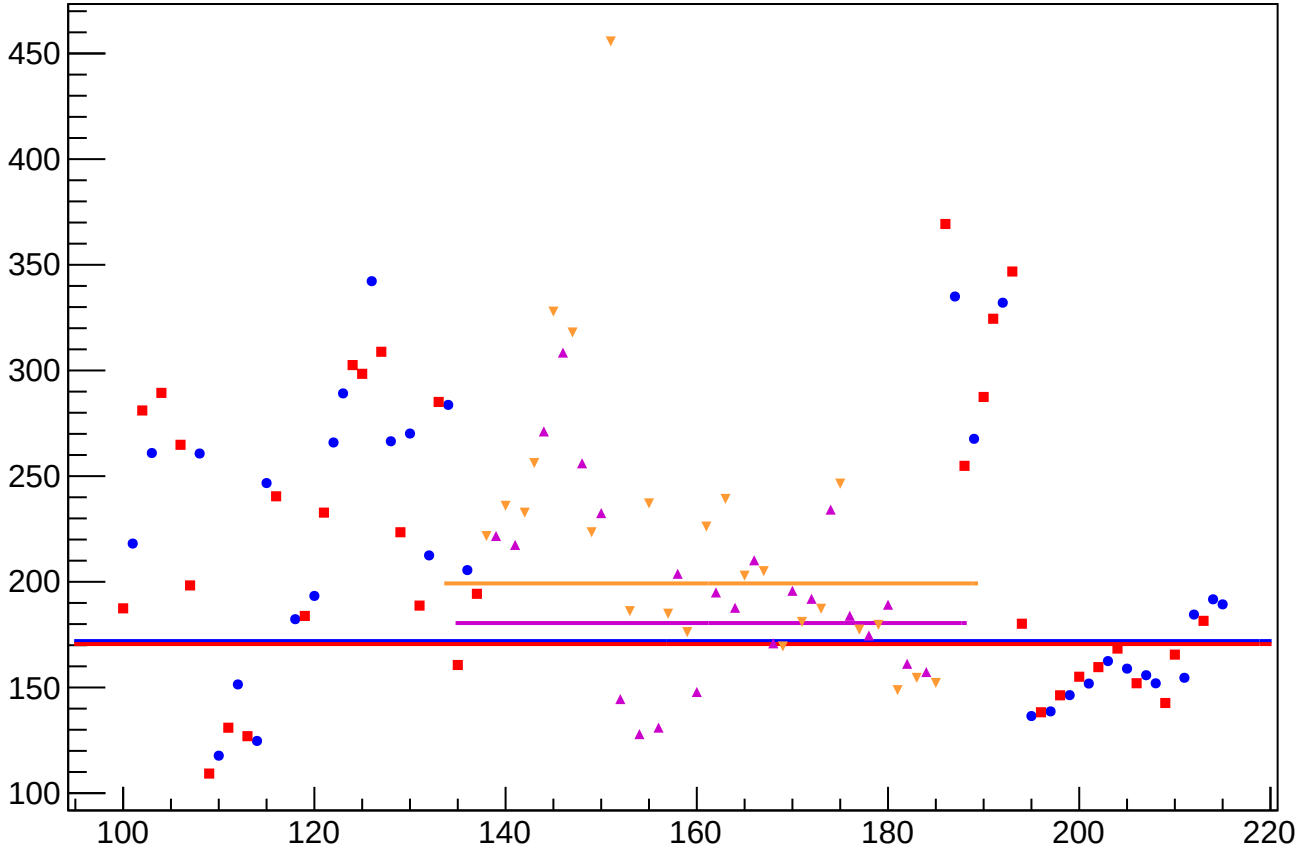
Left In: -32.159+/-45.131 χ^2/NDF:6.9/22

+ sign -25.105+/-32.034 χ^2/NDF: 25.1/56

All: -6.710+/-22.385 χ^2/NDF: 49.2/113

- sign 10.846+/-31.295 χ^2/NDF: 23.5/56

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

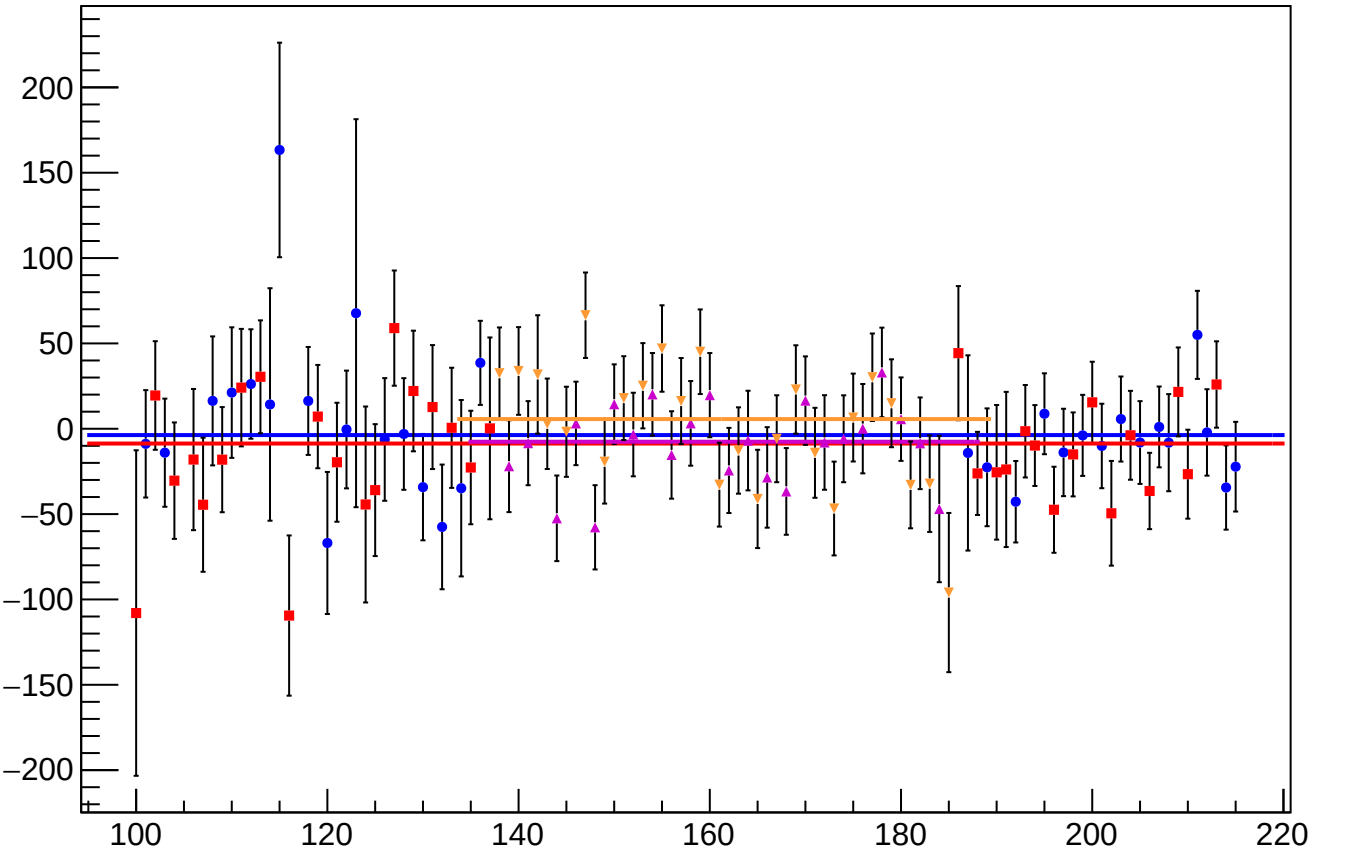
Right Out: 170.541+/-0.031 χ^2/NDF: 2769712.8/33

Left In: 180.494+/-0.032 χ^2/NDF:1593784.1/22

+ sign 184.064+/-0.023 χ^2/NDF: 4264500.6/56

All: 179.593+/-0.016 χ^2/NDF: 8754609.8/113

- sign 175.327+/-0.022 χ^2/NDF: 4413989.5/56



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: -8.659+/-5.384 χ^2/NDF: 30.0/33

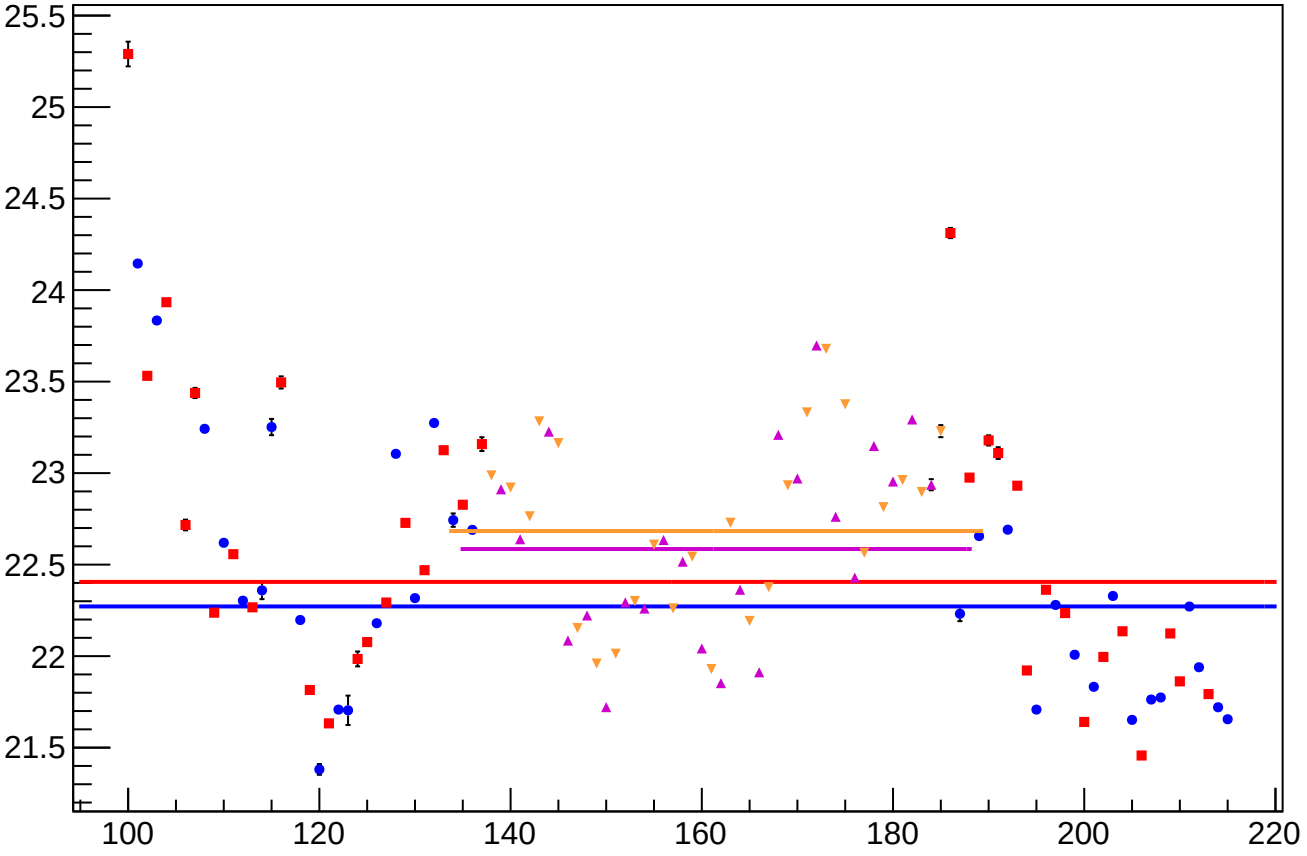
Left In: -7.594+/-5.402 χ^2/NDF:18.3/22

+ sign 1.048+/-3.757 χ^2/NDF: 67.3/56

All: -3.472+/-2.676 χ^2/NDF: 118.6/113

- sign -8.128+/-3.813 χ^2/NDF: 48.4/56

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.272+/-0.004 χ^2/NDF: 27182.3/31

Left Out: 22.683+/-0.004 χ^2/NDF:16318.1/24

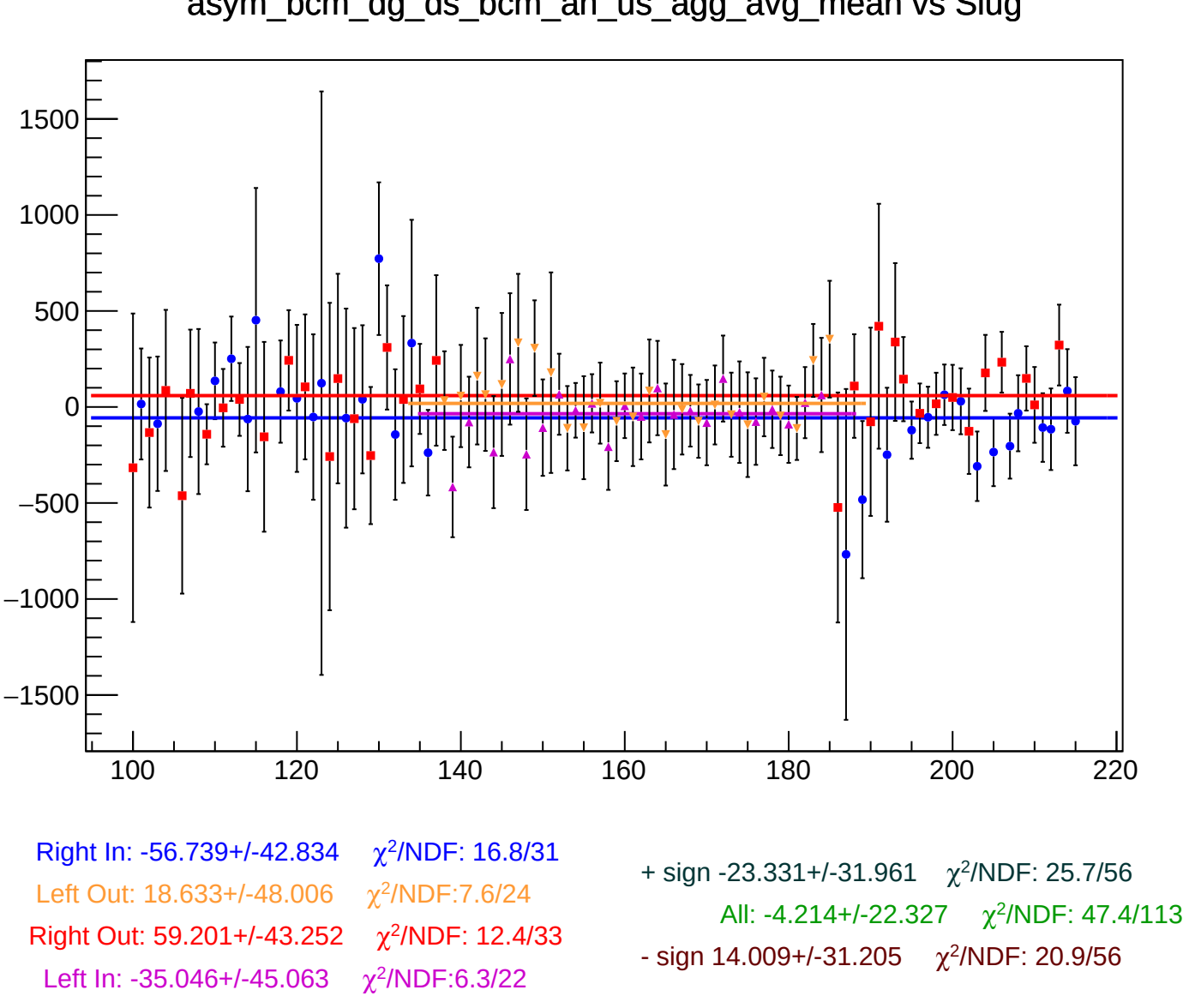
Right Out: 22.406+/-0.004 χ^2/NDF: 32066.3/33

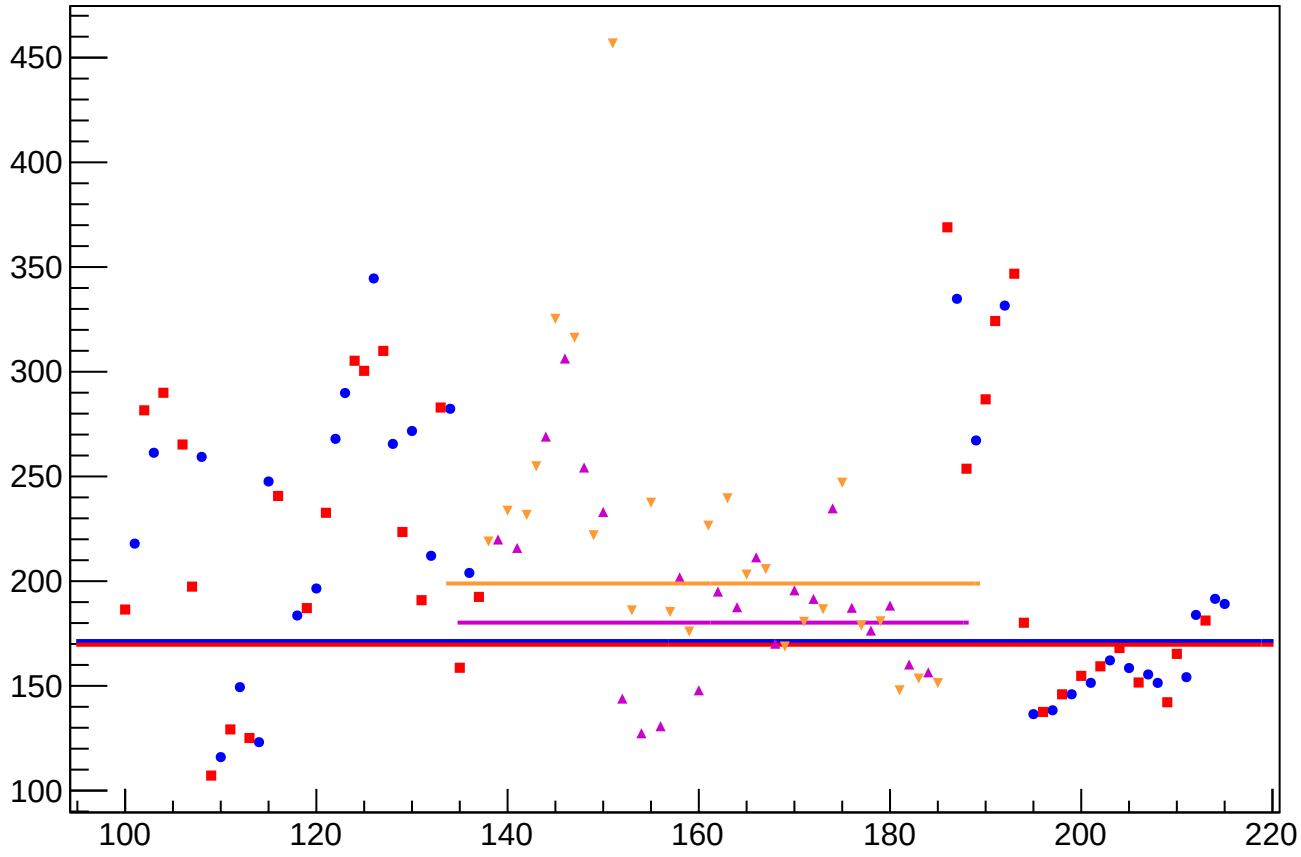
Left In: 22.585+/-0.004 χ^2/NDF:18087.5/22

+ sign 22.480+/-0.003 χ^2/NDF: 49509.2/56

All: 22.488+/-0.002 χ^2/NDF: 100788.3/113

- sign 22.495+/-0.003 χ^2/NDF: 51263.6/56


asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug
1500
1000
500
0
−500
−1000
−1500
100
120
140
160
180
200
220
Right In: -56.739+/-42.834 χ²/NDF: 16.8/31
Left Out: 18.633+/-48.006 χ²/NDF:7.6/24
Right Out: 59.201+/-43.252 χ²/NDF: 12.4/33
Left In: -35.046+/-45.063 χ²/NDF:6.3/22
+ sign -23.331+/-31.961 χ²/NDF: 25.7/56
All: -4.214+/-22.327 χ²/NDF: 47.4/113
- sign 14.009+/-31.205 χ²/NDF: 20.9/56



Right In: 171.408+/-0.030 χ^2/NDF: 2172986.4/31

Left Out: 198.891+/-0.034 χ^2/NDF:1762454.6/24

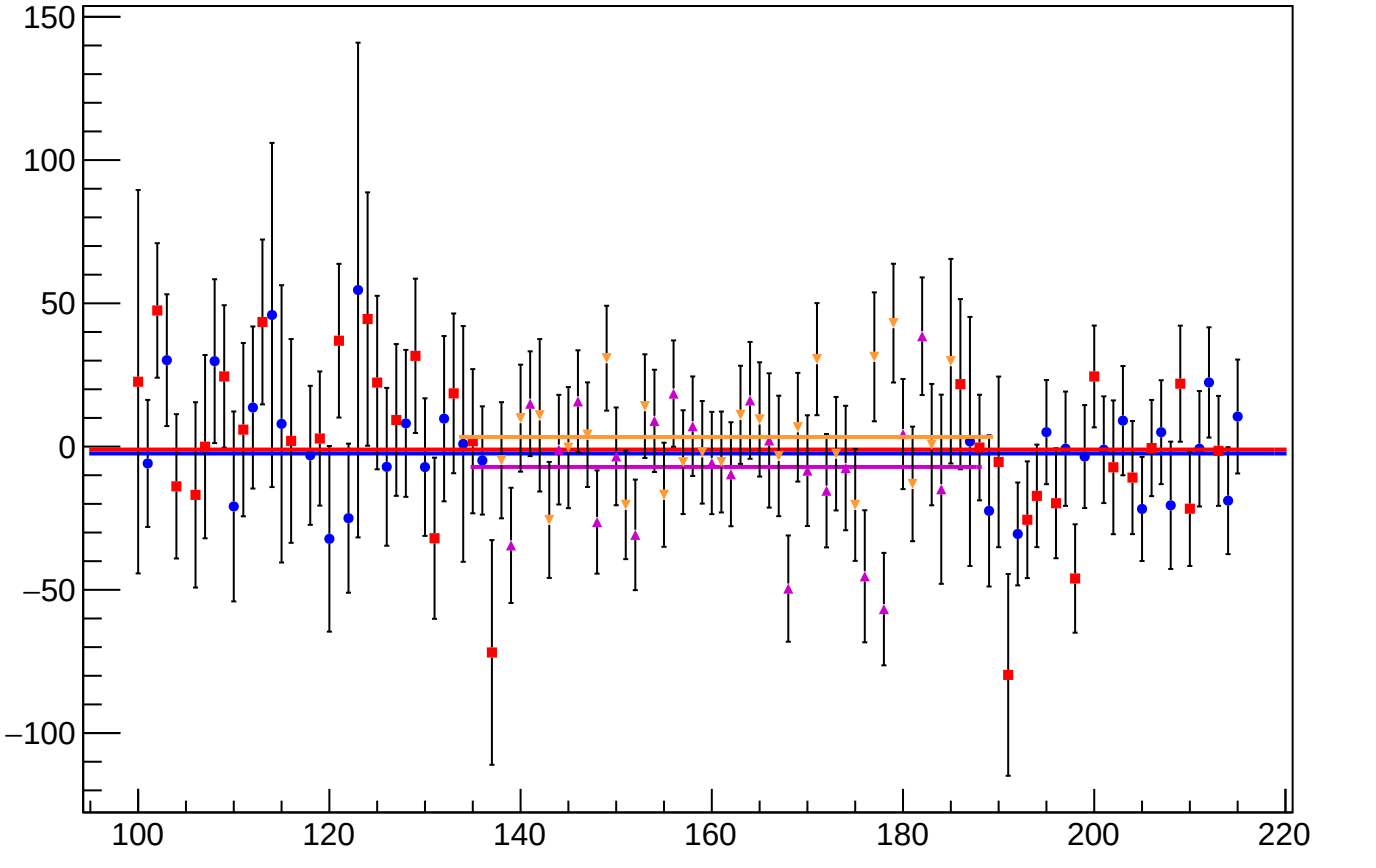
Right Out: 169.641+/-0.031 χ^2/NDF: 2836948.8/33

Left In: 180.207+/-0.032 χ^2/NDF:1589005.4/22

+ sign 183.590+/-0.023 χ^2/NDF: 4300373.0/56

All: 179.042+/-0.016 χ^2/NDF: 8862650.5/113

- sign 174.707+/-0.022 χ^2/NDF: 4483191.0/56



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: -1.035+/-4.135 χ^2/NDF: 37.9/33

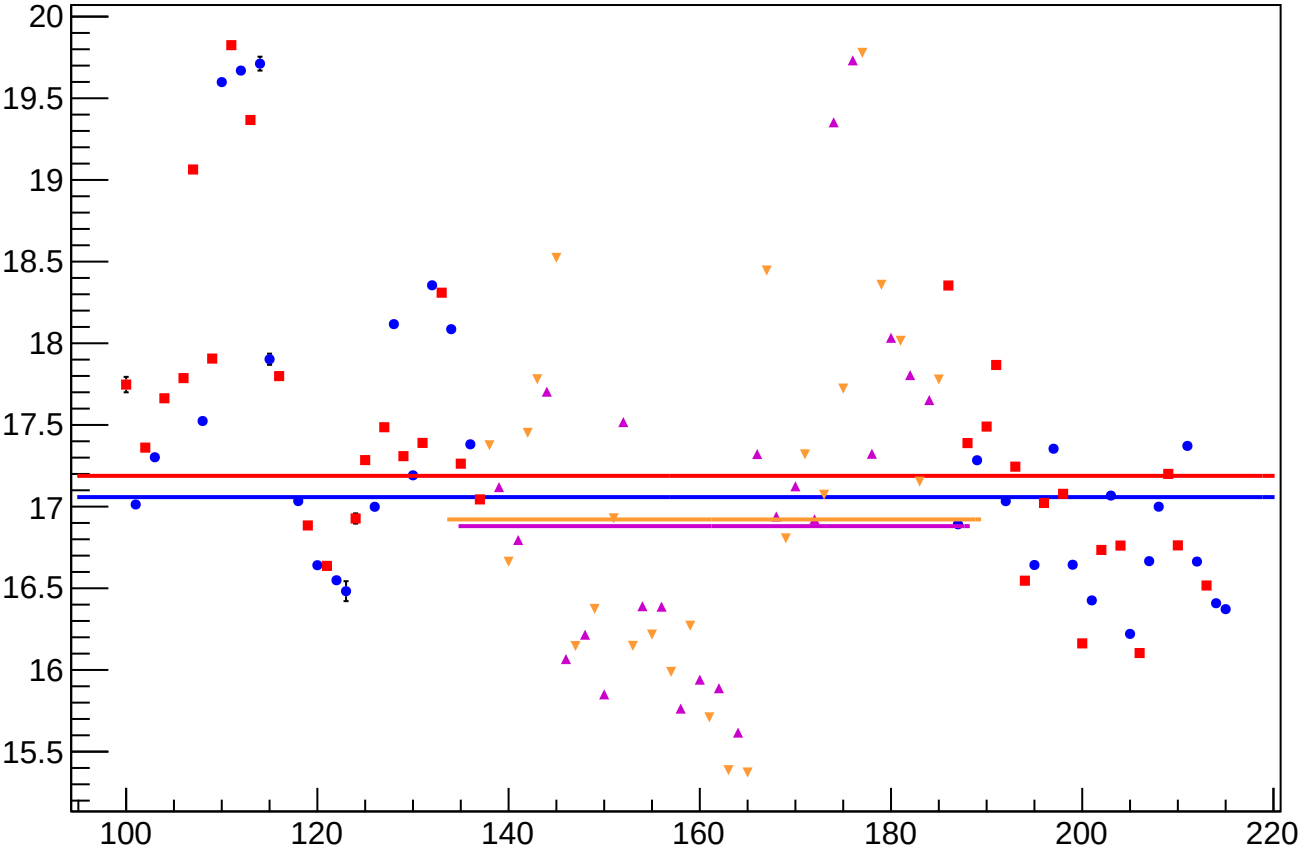
Left In: -7.099+/-4.047 χ^2/NDF:32.5/22

+ sign 0.592+/-2.844 χ^2/NDF: 35.3/56

All: -1.730+/-2.028 χ^2/NDF: 108.2/113

- sign -4.132+/-2.892 χ^2/NDF: 71.5/56

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

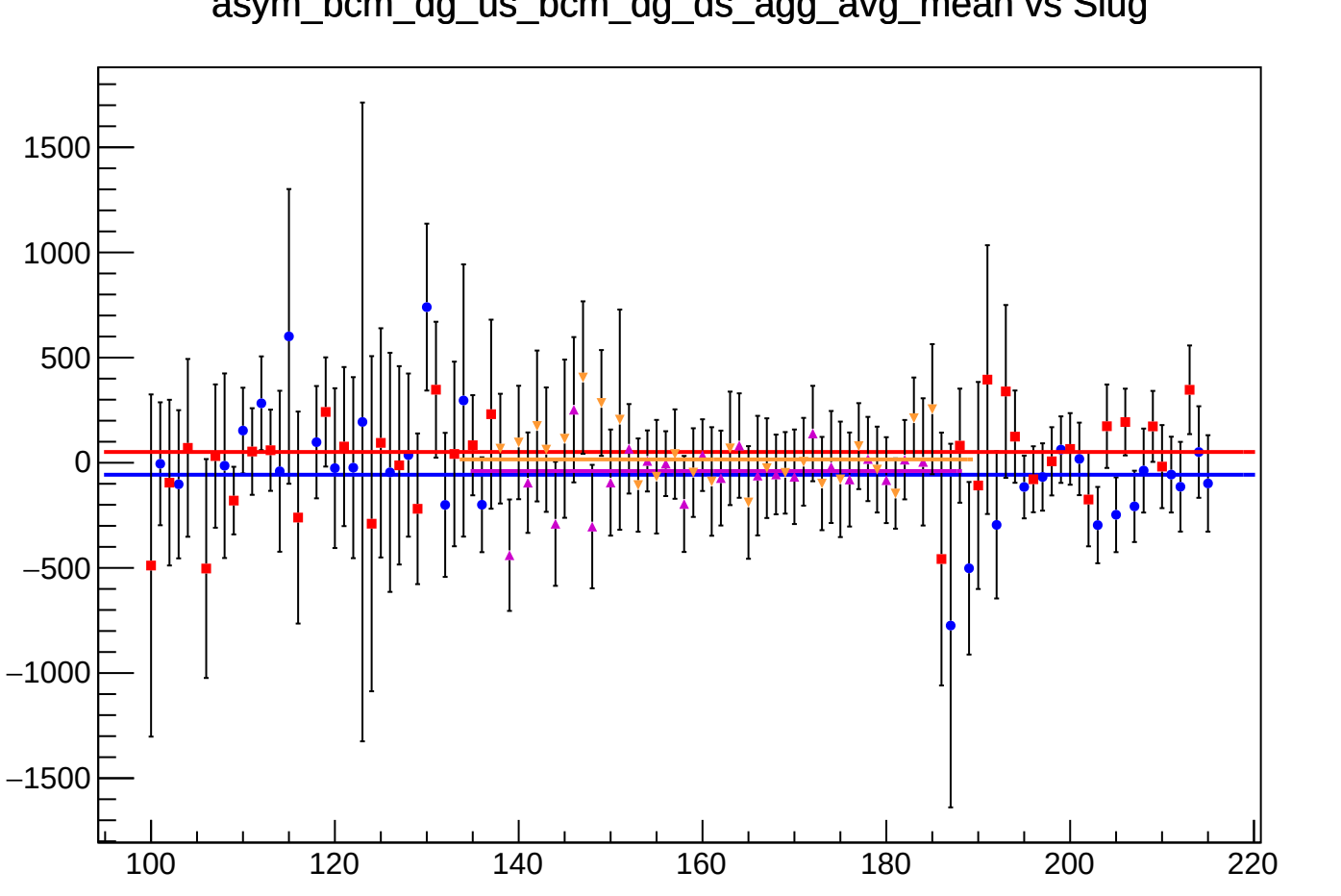
Right Out: 17.188+/-0.003 χ^2/NDF: 69525.3/33

Left In: 16.880+/-0.003 χ^2/NDF:121736.1/22

+ sign 16.987+/-0.002 χ^2/NDF: 201129.2/56

All: 17.009+/-0.001 χ^2/NDF: 398289.8/113

- sign 17.031+/-0.002 χ^2/NDF: 196926.4/56



Right In: -57.024+/-43.064 χ^2/NDF: 16.9/31

Left Out: 15.970+/-48.503 χ^2/NDF:7.4/24

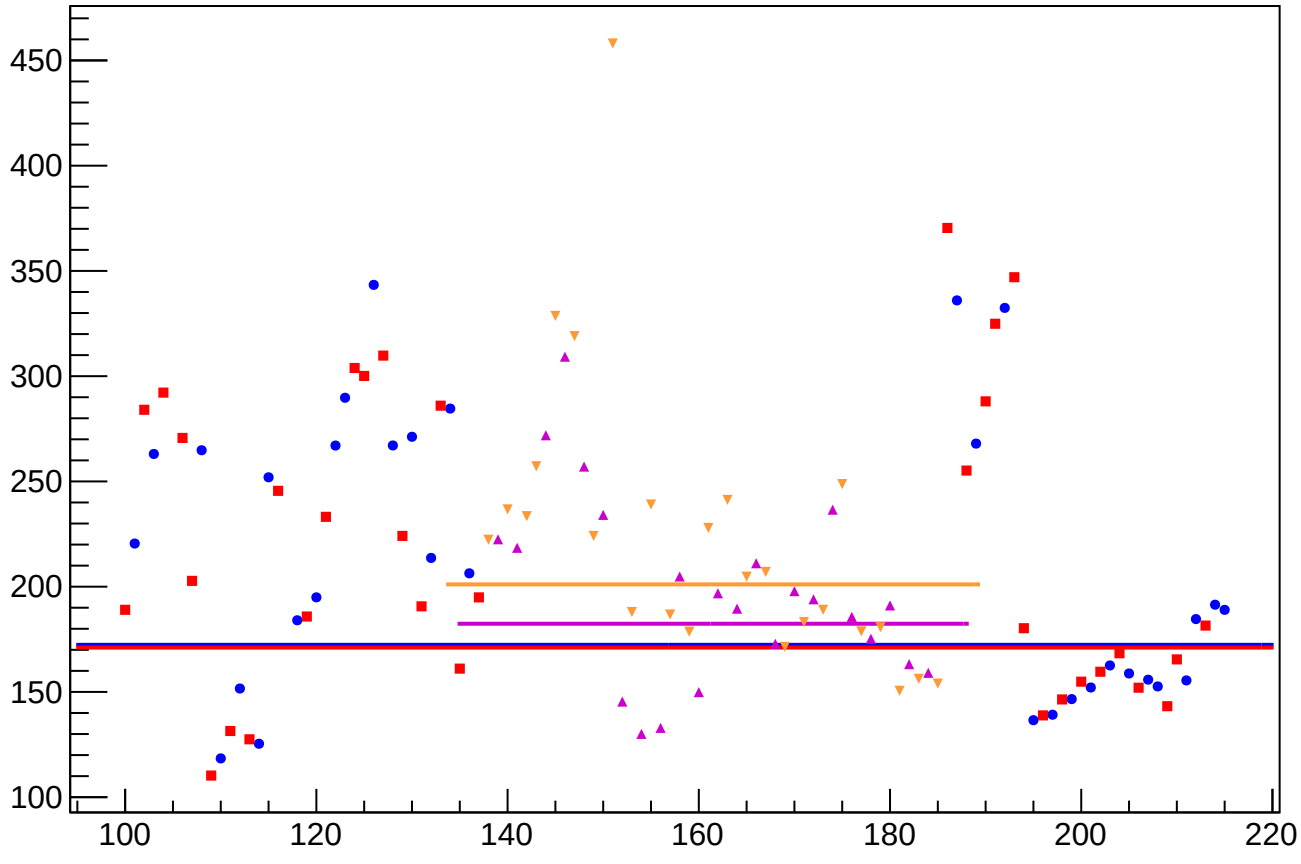
Right Out: 51.197+/-43.572 χ^2/NDF: 13.8/33

Left In: -39.377+/-45.571 χ^2/NDF:6.9/22

+ sign -24.848+/-32.203 χ^2/NDF: 25.6/56

All: -8.089+/-22.516 χ^2/NDF: 48.9/113

- sign 7.940+/-31.493 χ^2/NDF: 22.8/56



Right In: 172.378+/-0.030 χ^2/NDF: 2154551.9/31

Left Out: 201.091+/-0.034 χ^2/NDF:1731069.1/24

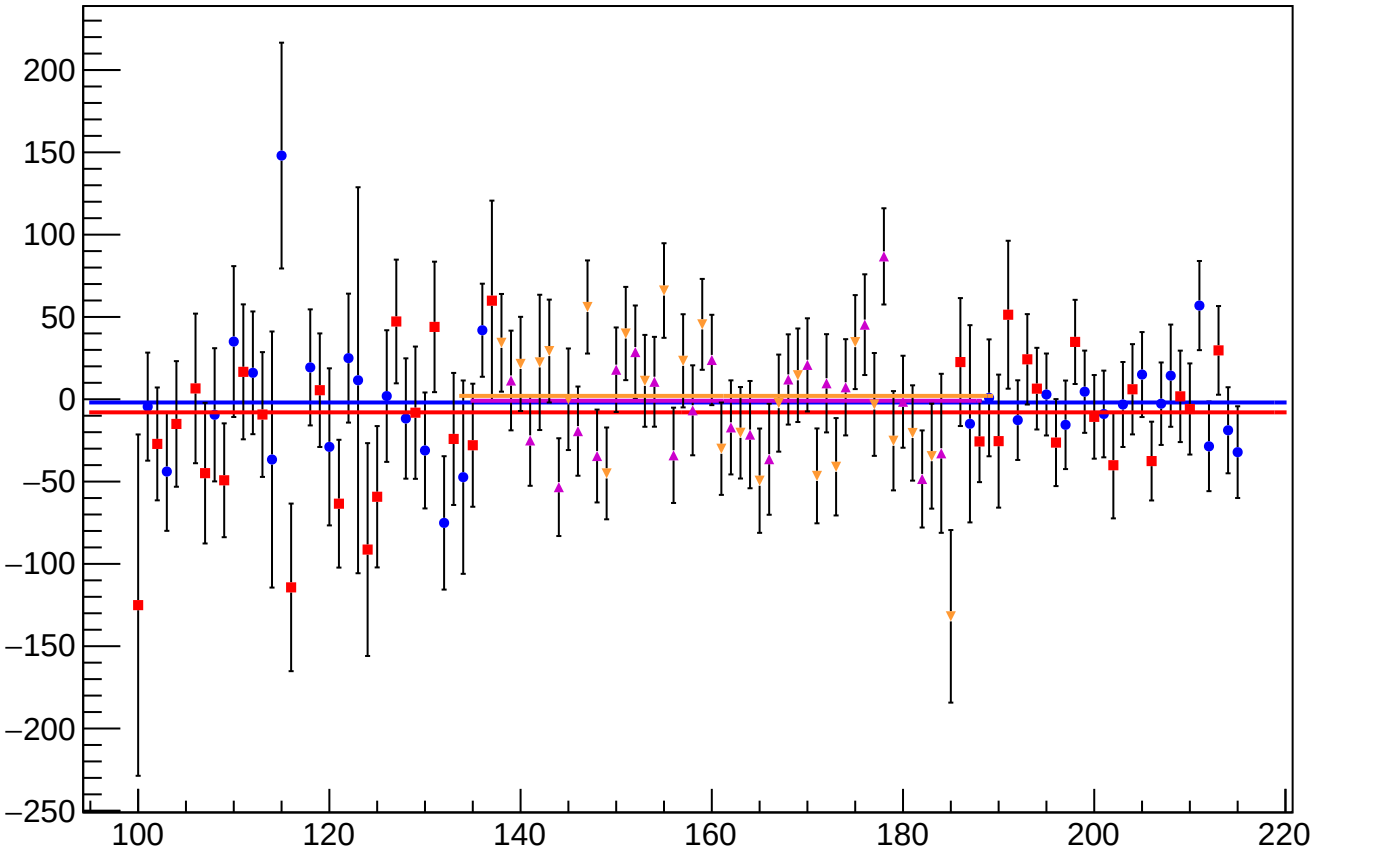
Right Out: 171.085+/-0.031 χ^2/NDF: 2779945.8/33

Left In: 182.396+/-0.032 χ^2/NDF:1548907.7/22

+ sign 185.035+/-0.023 χ^2/NDF: 4277557.7/56

All: 180.666+/-0.016 χ^2/NDF: 8742802.2/113

- sign 176.487+/-0.022 χ^2/NDF: 4393219.6/56



Right In: -1.946+/-5.764 χ^2/NDF: 24.1/31

Left Out: 2.054+/-5.970 χ^2/NDF:39.4/24

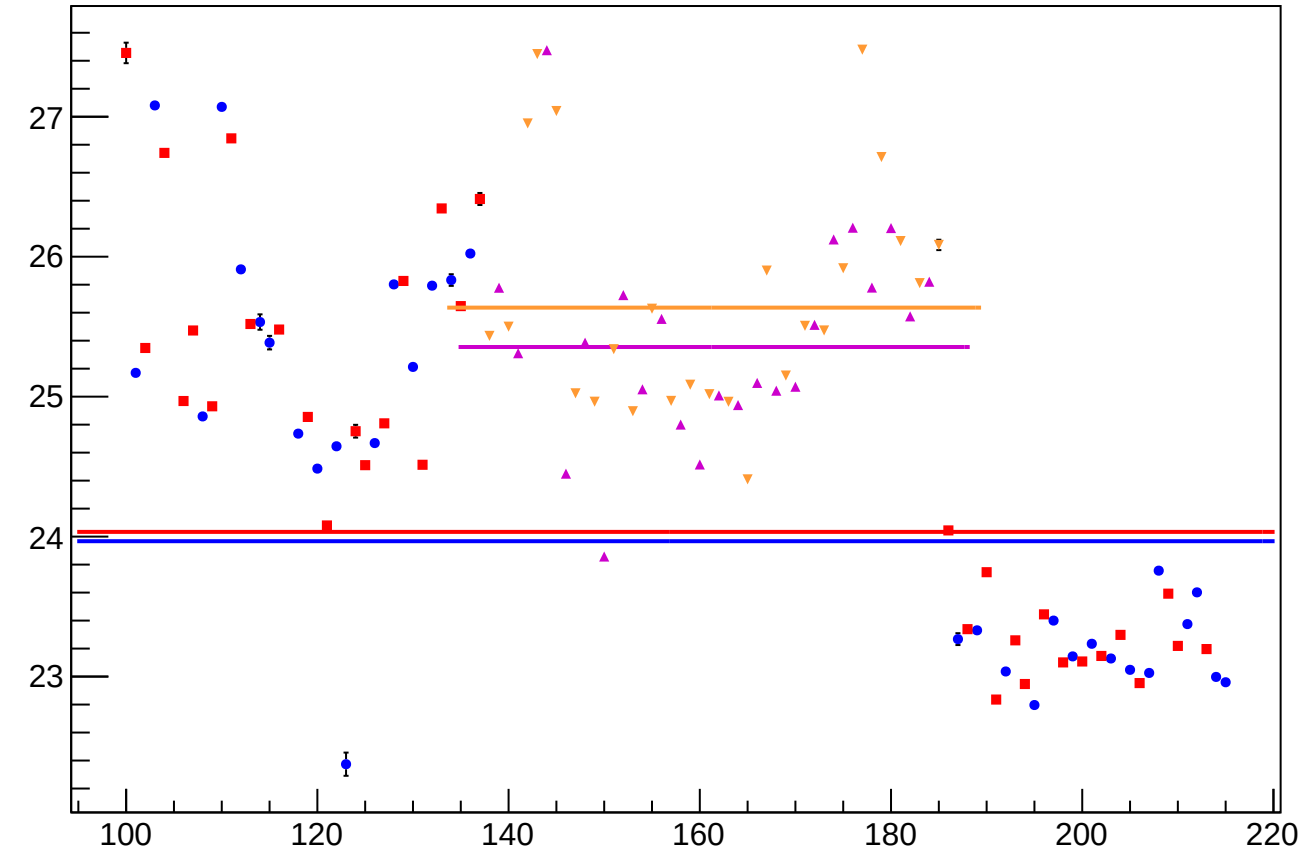
Right Out: -7.947+/-5.781 χ^2/NDF: 32.4/33

Left In: -0.900+/-6.069 χ^2/NDF:27.1/22

+ sign -0.016+/-4.147 χ^2/NDF: 63.8/56

All: -2.284+/-2.946 χ^2/NDF: 124.6/113

- sign -4.595+/-4.186 χ^2/NDF: 60.2/56



Right In: 23.967+/-0.004 χ^2/NDF: 88990.7/31

Left Out: 25.636+/-0.004 χ^2/NDF:35130.7/24

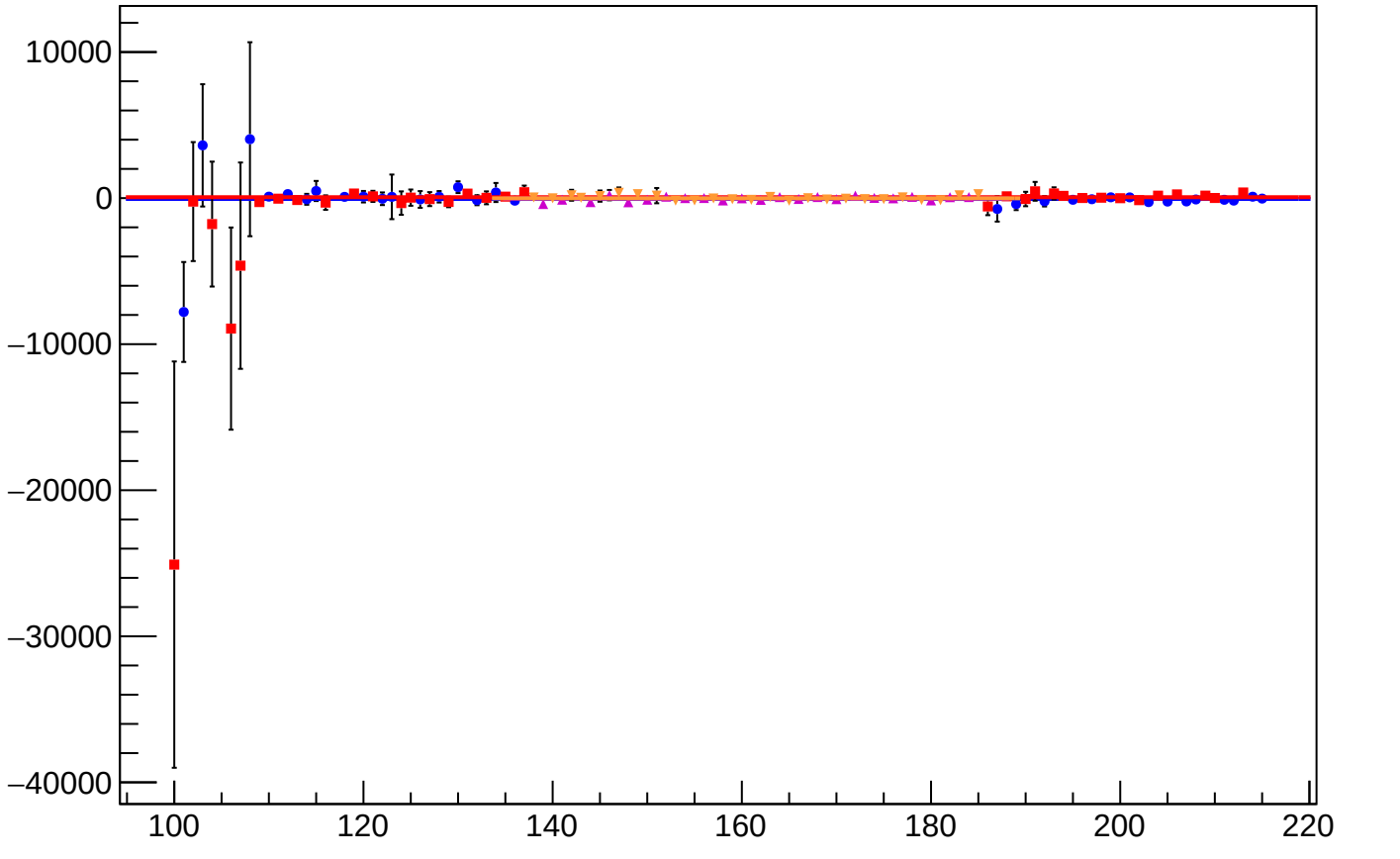
Right Out: 24.034+/-0.004 χ^2/NDF: 79985.9/33

Left In: 25.355+/-0.004 χ^2/NDF:29766.2/22

+ sign 24.772+/-0.003 χ^2/NDF: 205007.9/56

All: 24.718+/-0.002 χ^2/NDF: 365132.7/113

- sign 24.662+/-0.003 χ^2/NDF: 159425.0/56



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: 62.023+/-46.209 χ^2/NDF: 20.7/33

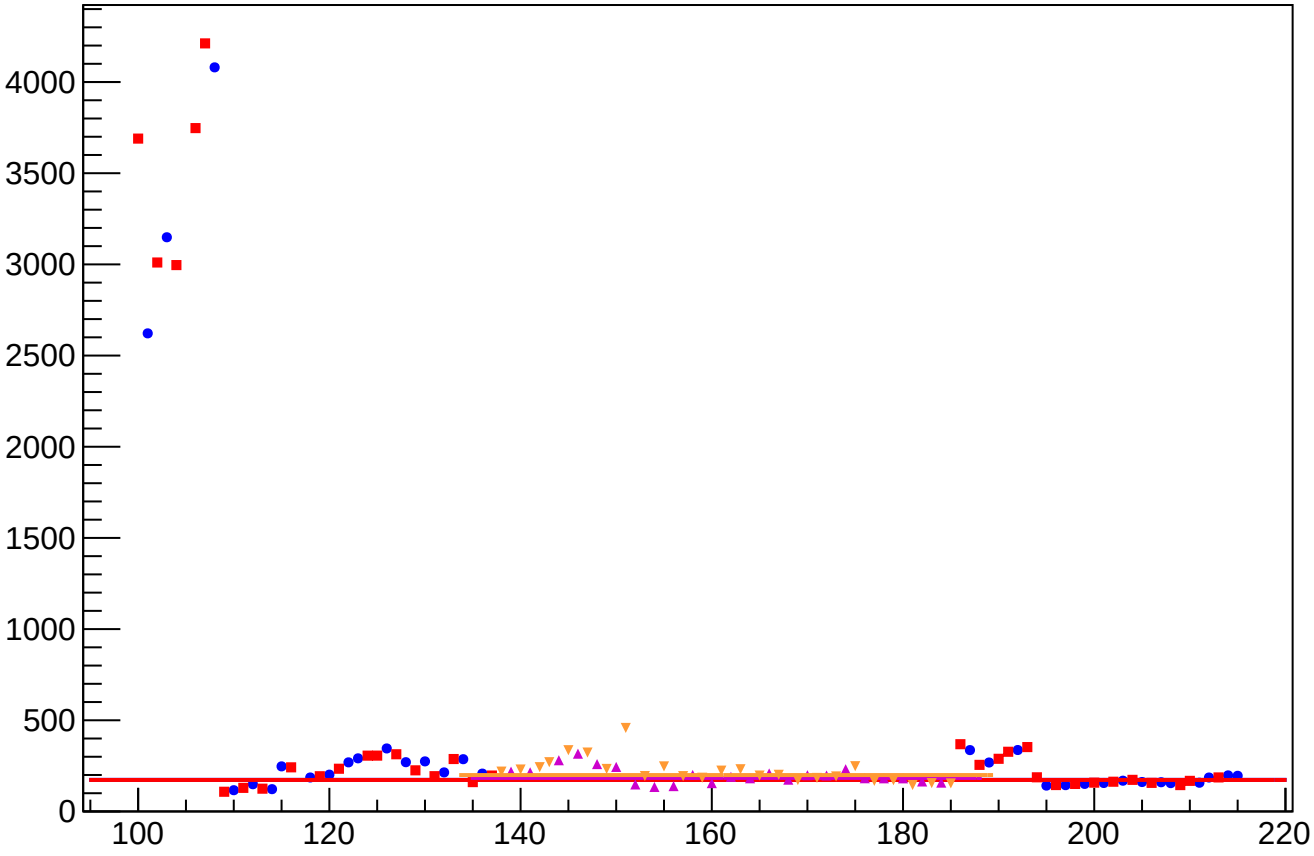
Left In: -26.836+/-45.876 χ^2/NDF:7.5/22

+ sign -36.603+/-32.880 χ^2/NDF: 30.3/56

All: -9.399+/-23.134 χ^2/NDF: 61.7/113

- sign 17.272+/-32.556 χ^2/NDF: 30.0/56

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 173.289+/-0.032 χ^2/NDF: 4565883.1/31

Left Out: 199.536+/-0.034 χ^2/NDF:1880548.8/24

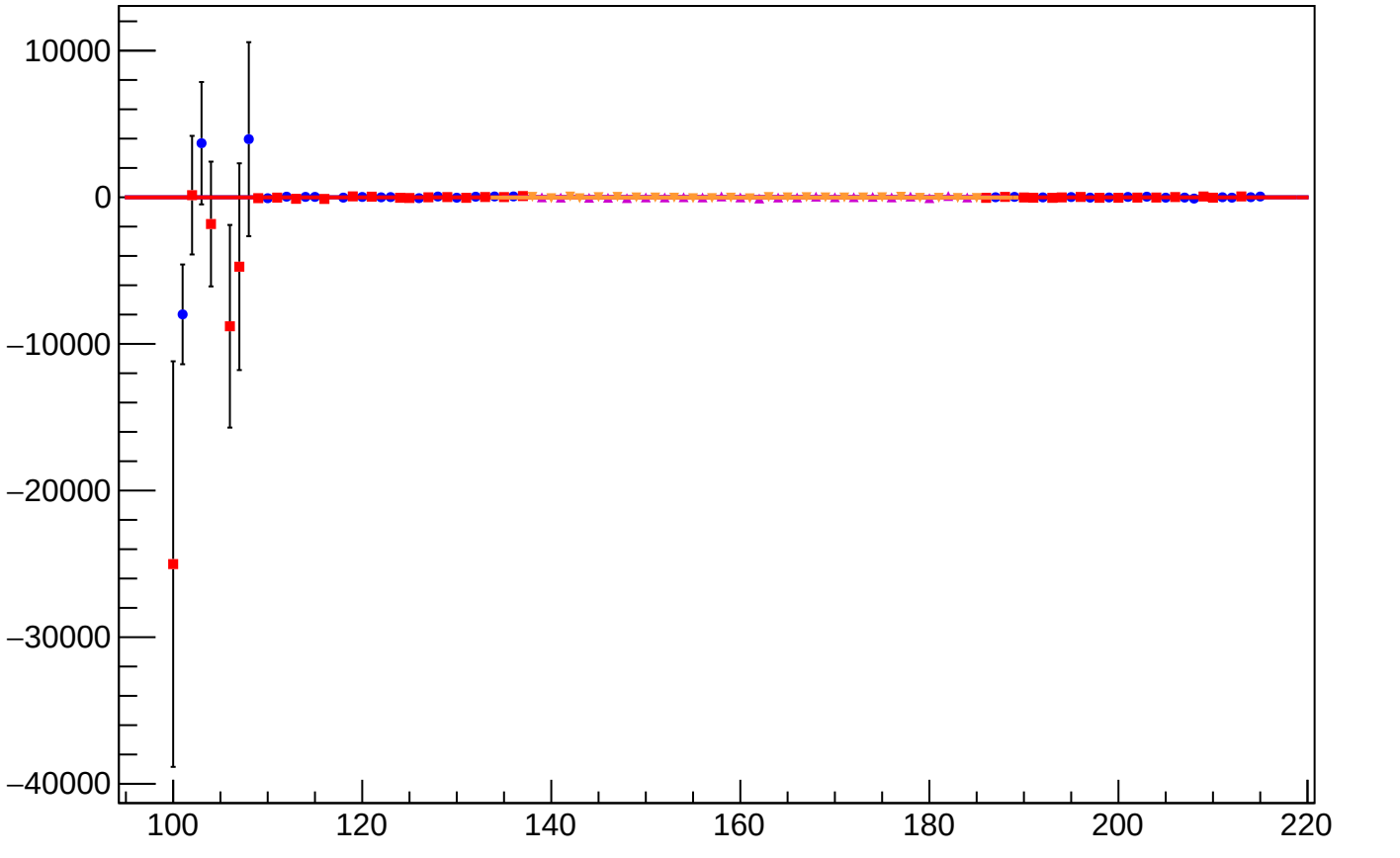
Right Out: 172.728+/-0.033 χ^2/NDF: 5402480.1/33

Left In: 184.031+/-0.032 χ^2/NDF:1423454.3/22

+ sign 185.495+/-0.023 χ^2/NDF: 6763465.4/56

All: 181.923+/-0.016 χ^2/NDF: 13696414.3/11

- sign 178.421+/-0.023 χ^2/NDF: 6886204.3/56



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: -5.442+/-7.034 χ^2/NDF: 38.5/33

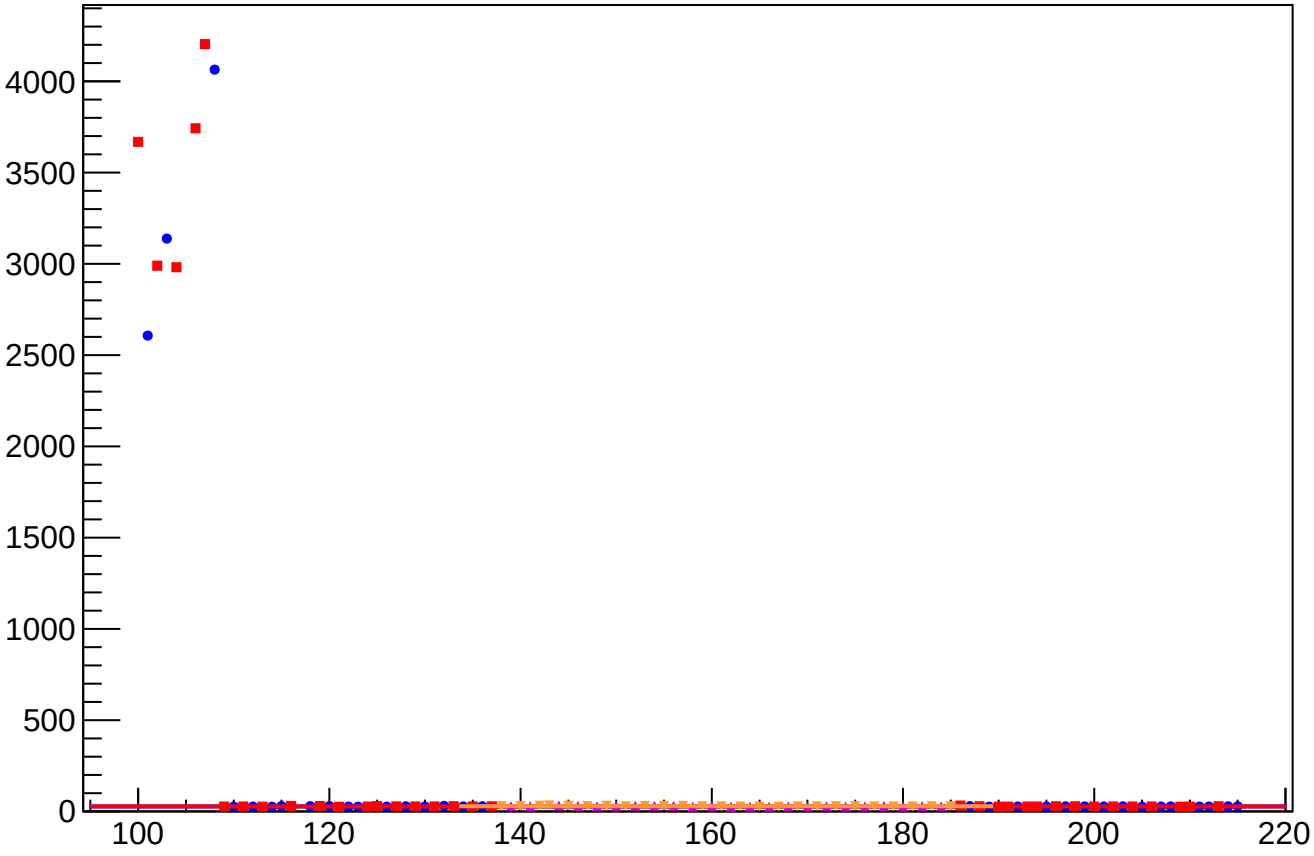
Left In: -1.038+/-6.880 χ^2/NDF:32.4/22

+ sign -8.310+/-4.811 χ^2/NDF: 59.8/56

All: -5.807+/-3.439 χ^2/NDF: 131.5/113

- sign -3.191+/-4.918 χ^2/NDF: 71.1/56

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

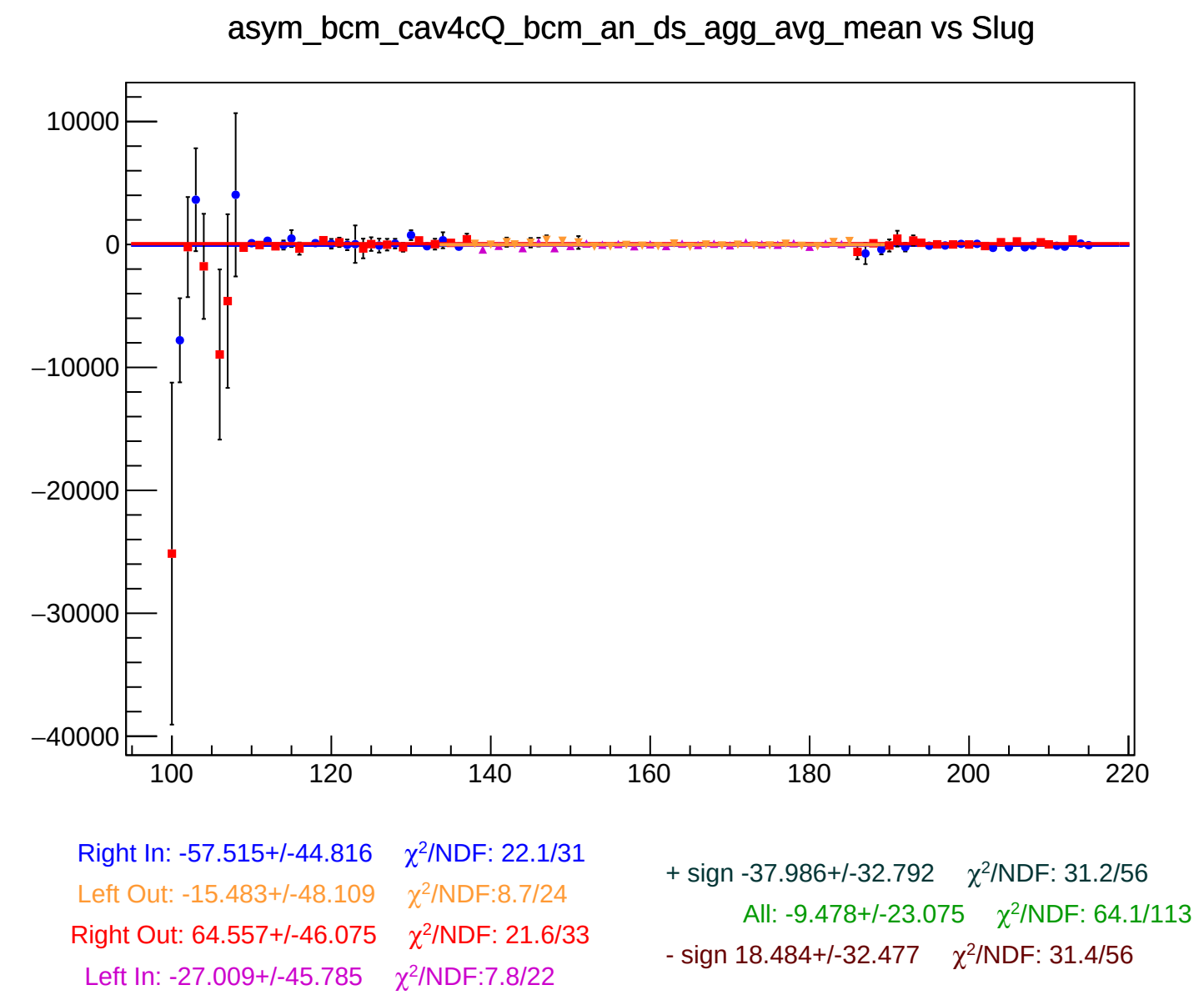
Right Out: 27.471+/-0.005 χ^2/NDF: 3513839.6/33

Left In: 28.673+/-0.005 χ^2/NDF:124751.4/22

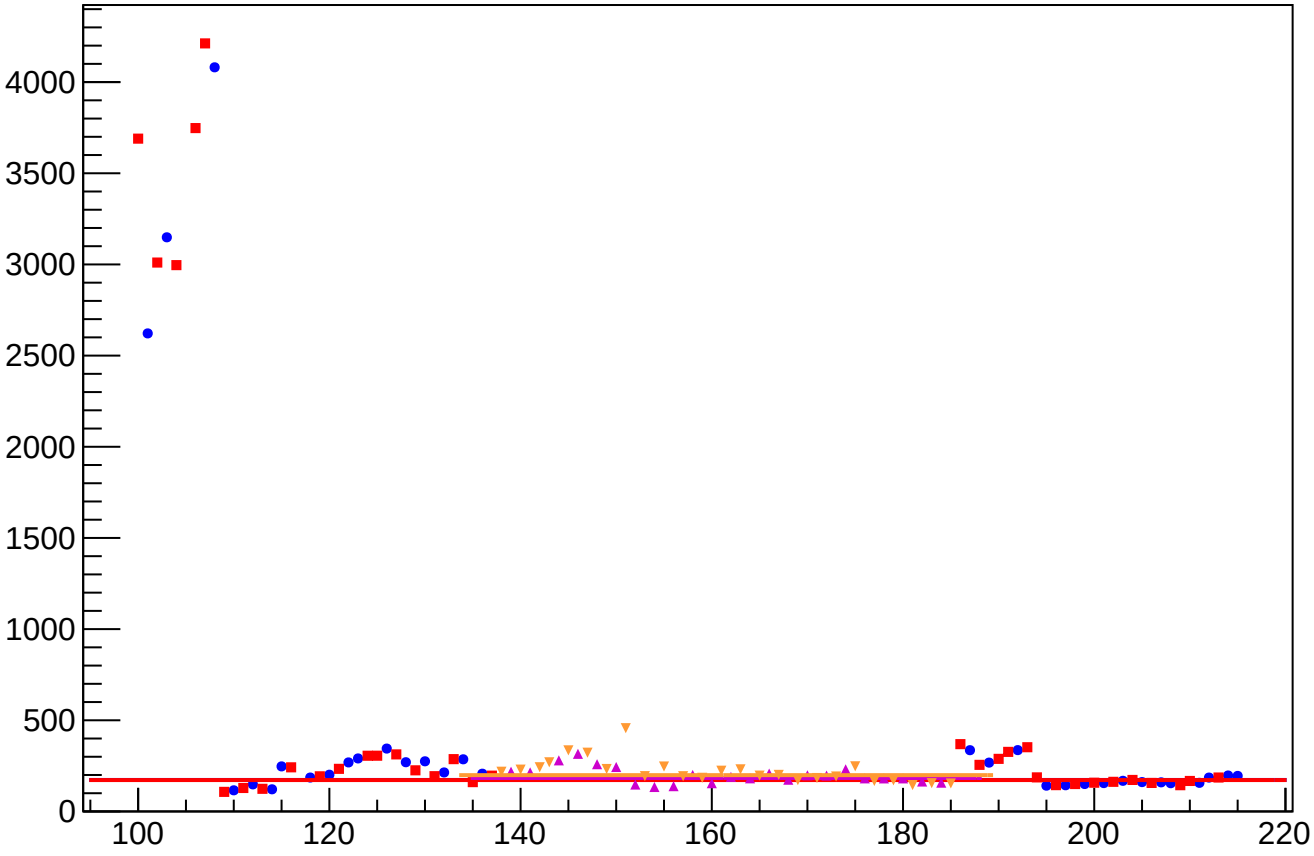
+ sign 28.118+/-0.003 χ^2/NDF: 3185093.5/56

All: 28.102+/-0.002 χ^2/NDF: 6853555.4/113

- sign 28.085+/-0.003 χ^2/NDF: 3668416.3/56


asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug
10000
0
−10000
−20000
−30000
−40000
100
120
140
160
180
200
220
Right In: -57.515+/-44.816 χ²/NDF: 22.1/31
Left Out: -15.483+/-48.109 χ²/NDF:8.7/24
Right Out: 64.557+/-46.075 χ²/NDF: 21.6/33
Left In: -27.009+/-45.785 χ²/NDF:7.8/22
+ sign -37.986+/-32.792 χ²/NDF: 31.2/56
All: -9.478+/-23.075 χ²/NDF: 64.1/113
- sign 18.484+/-32.477 χ²/NDF: 31.4/56

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 172.723+/-0.032 χ^2/NDF: 4579459.4/31

Left Out: 199.094+/-0.034 χ^2/NDF:1880343.4/24

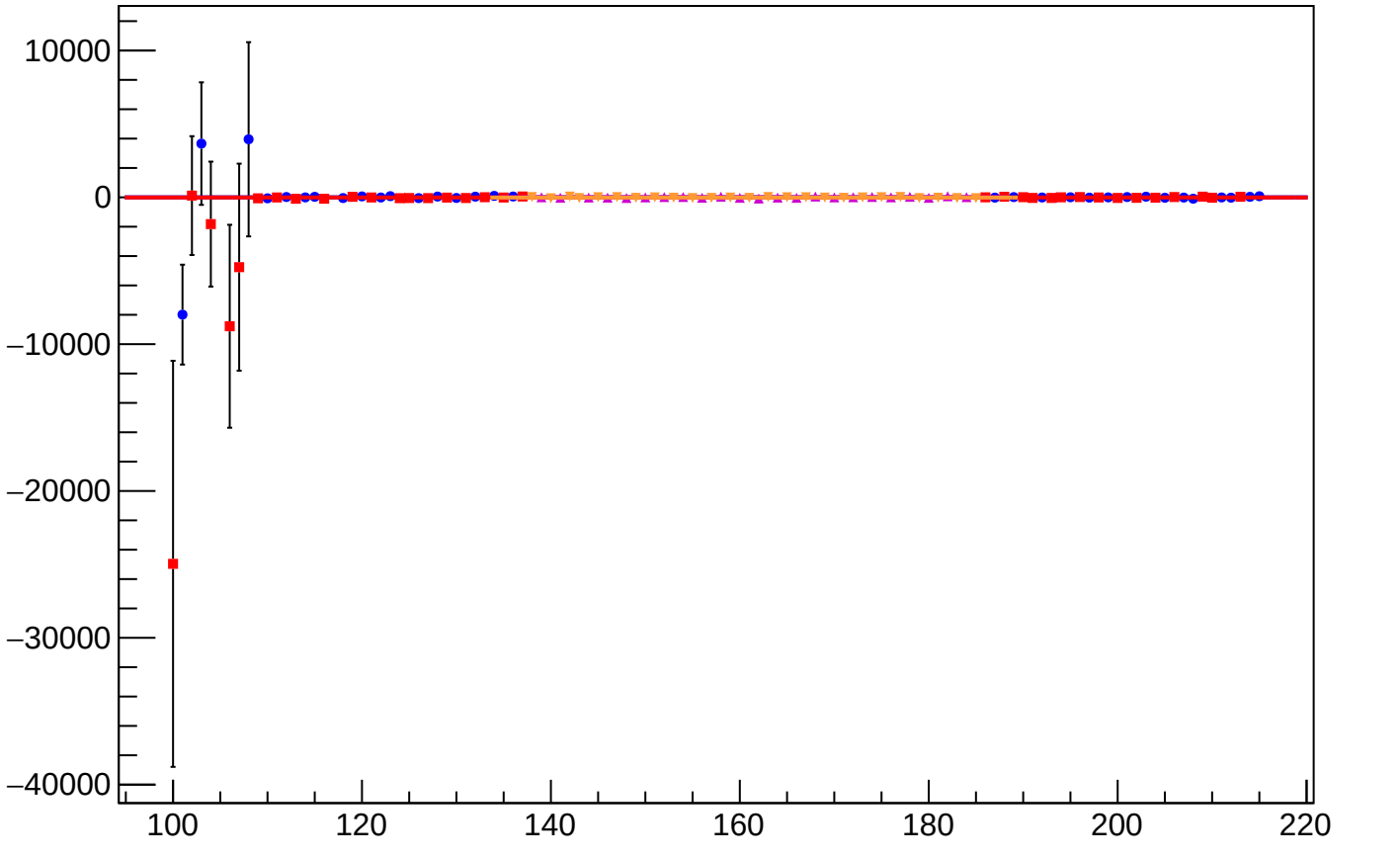
Right Out: 172.176+/-0.033 χ^2/NDF: 5420304.6/33

Left In: 183.667+/-0.032 χ^2/NDF:1422895.7/22

+ sign 184.975+/-0.023 χ^2/NDF: 6781530.9/56

All: 181.433+/-0.016 χ^2/NDF: 13733557.2/11

- sign 177.958+/-0.023 χ^2/NDF: 6905791.8/56



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: -9.061+/-7.011 χ^2/NDF: 32.9/33

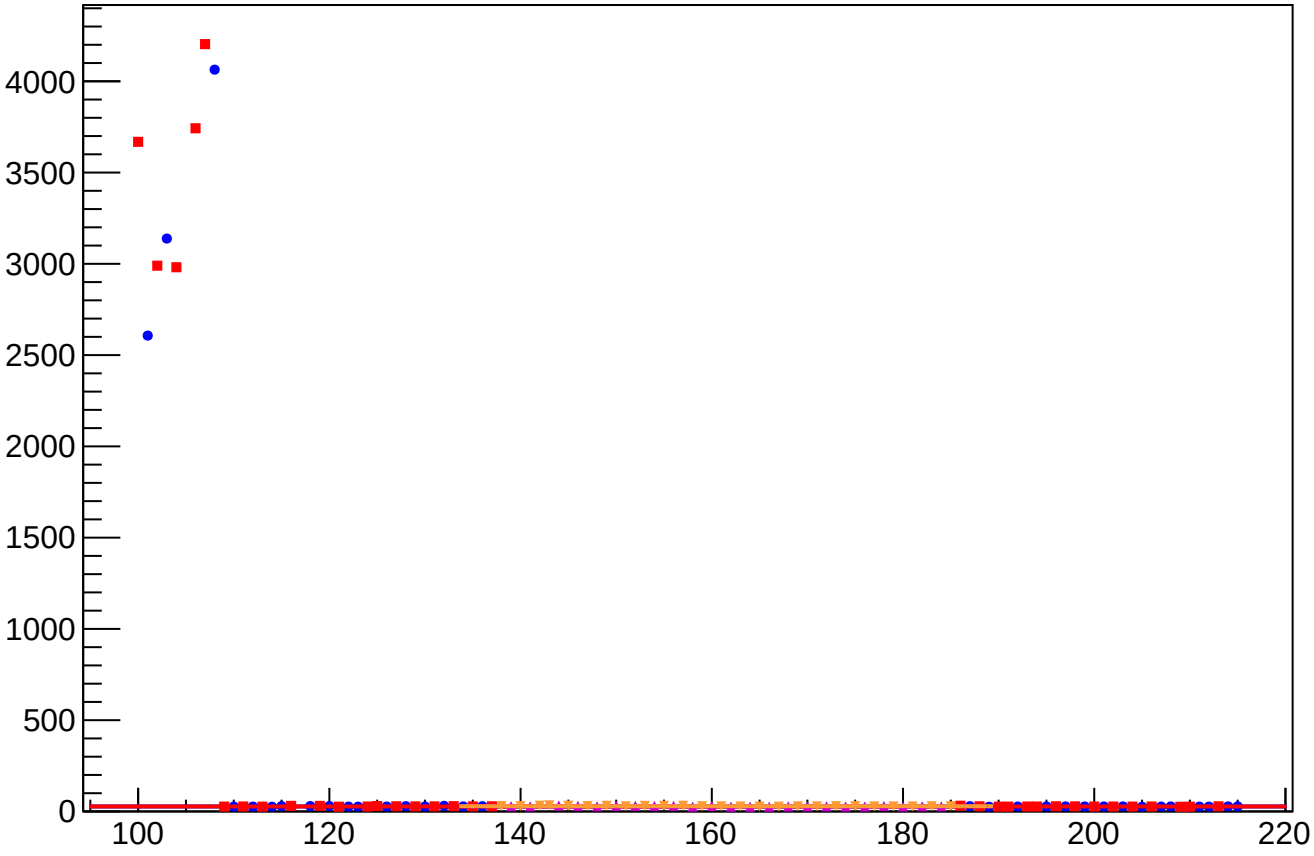
Left In: 0.702+/-6.909 χ^2/NDF:26.4/22

+ sign -6.794+/-4.809 χ^2/NDF: 61.6/56

All: -5.482+/-3.440 χ^2/NDF: 122.0/113

- sign -4.108+/-4.921 χ^2/NDF: 60.2/56

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

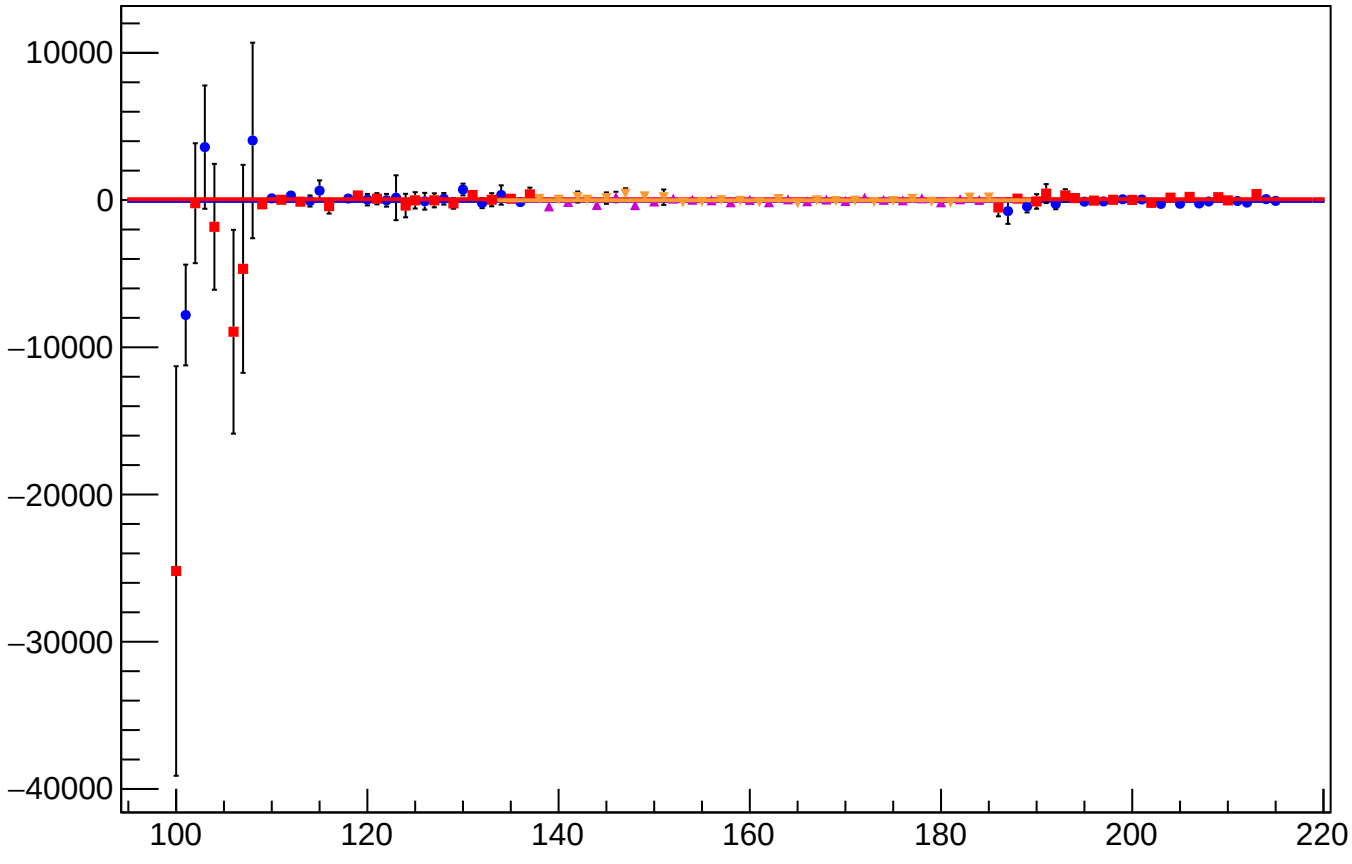
Right Out: 27.381+/-0.005 χ^2/NDF: 3517454.5/33

Left In: 28.792+/-0.005 χ^2/NDF:129393.1/22

+ sign 28.100+/-0.003 χ^2/NDF: 3219533.7/56

All: 28.099+/-0.002 χ^2/NDF: 6907488.3/113

- sign 28.097+/-0.003 χ^2/NDF: 3687954.3/56



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: 57.199+/-46.406 χ^2/NDF: 21.1/33

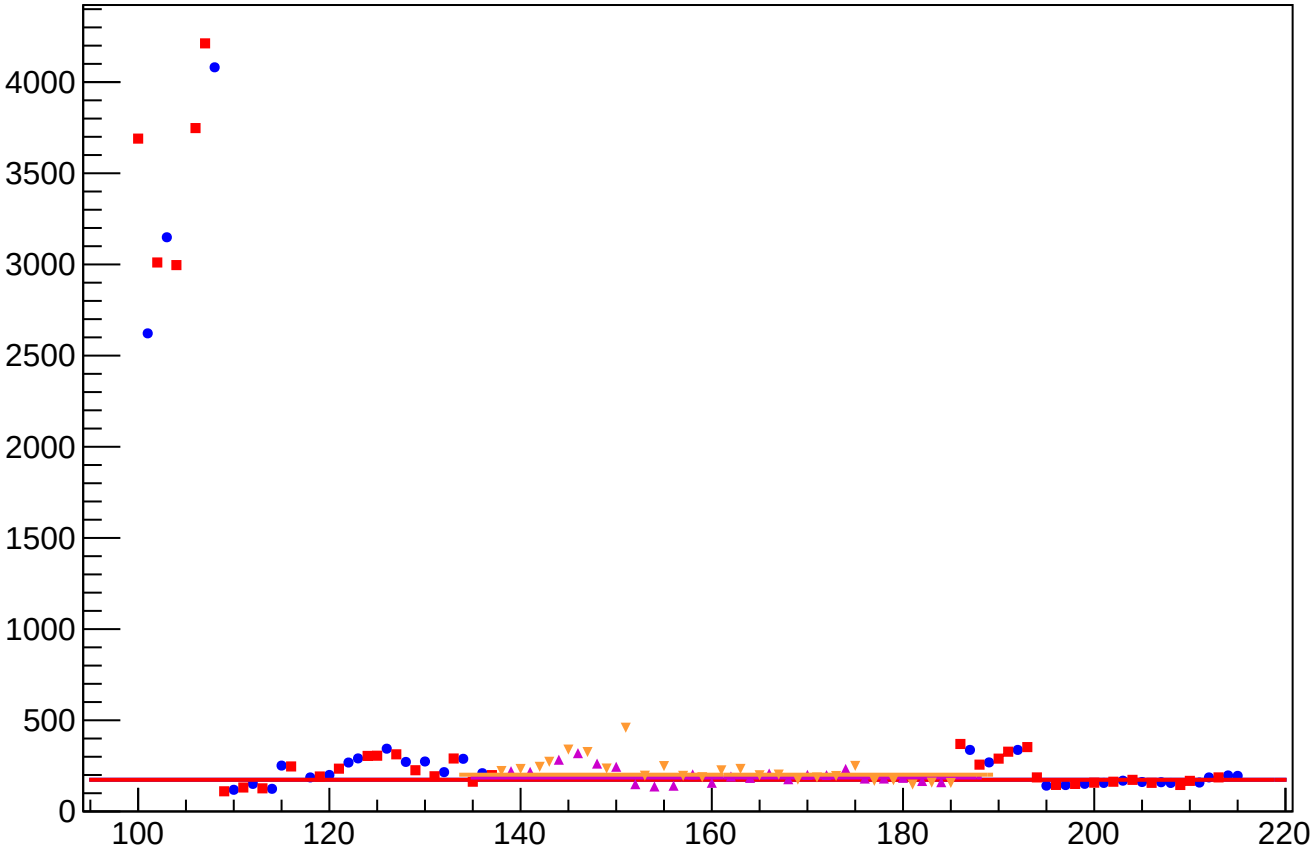
Left In: -31.170+/-46.359 χ^2/NDF:8.2/22

+ sign -37.665+/-33.090 χ^2/NDF: 30.6/56

All: -12.123+/-23.294 χ^2/NDF: 62.9/113

- sign 12.970+/-32.797 χ^2/NDF: 31.1/56

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

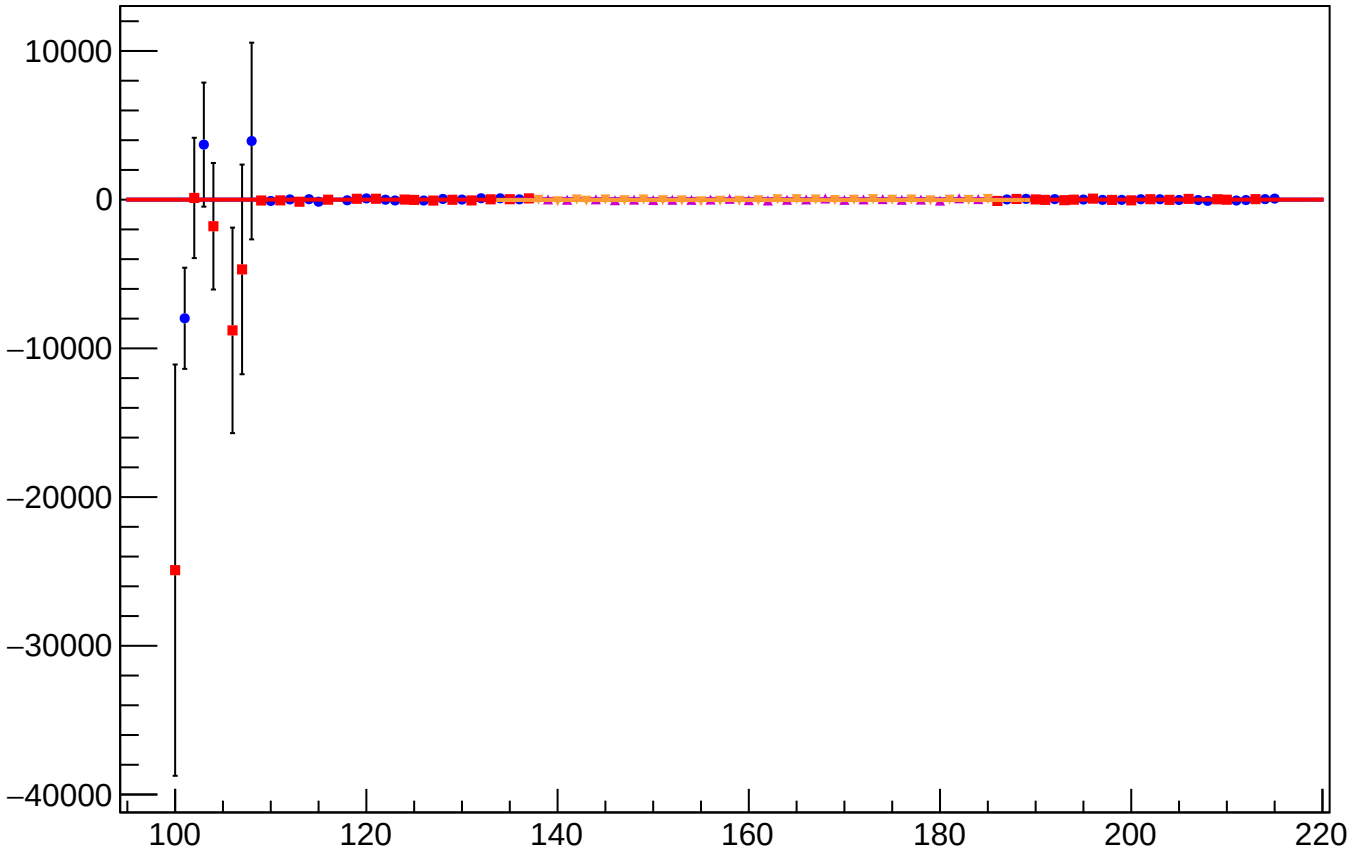
Right Out: 173.615+/-0.033 χ^2/NDF: 5360565.2/33

Left In: 186.107+/-0.033 χ^2/NDF:1391327.2/22

+ sign 186.723+/-0.023 χ^2/NDF: 6748259.3/56

All: 183.265+/-0.016 χ^2/NDF: 13615982.4/11

- sign 179.867+/-0.023 χ^2/NDF: 6824424.2/56



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: 2.528+/-8.557 χ^2/NDF: 35.8/33

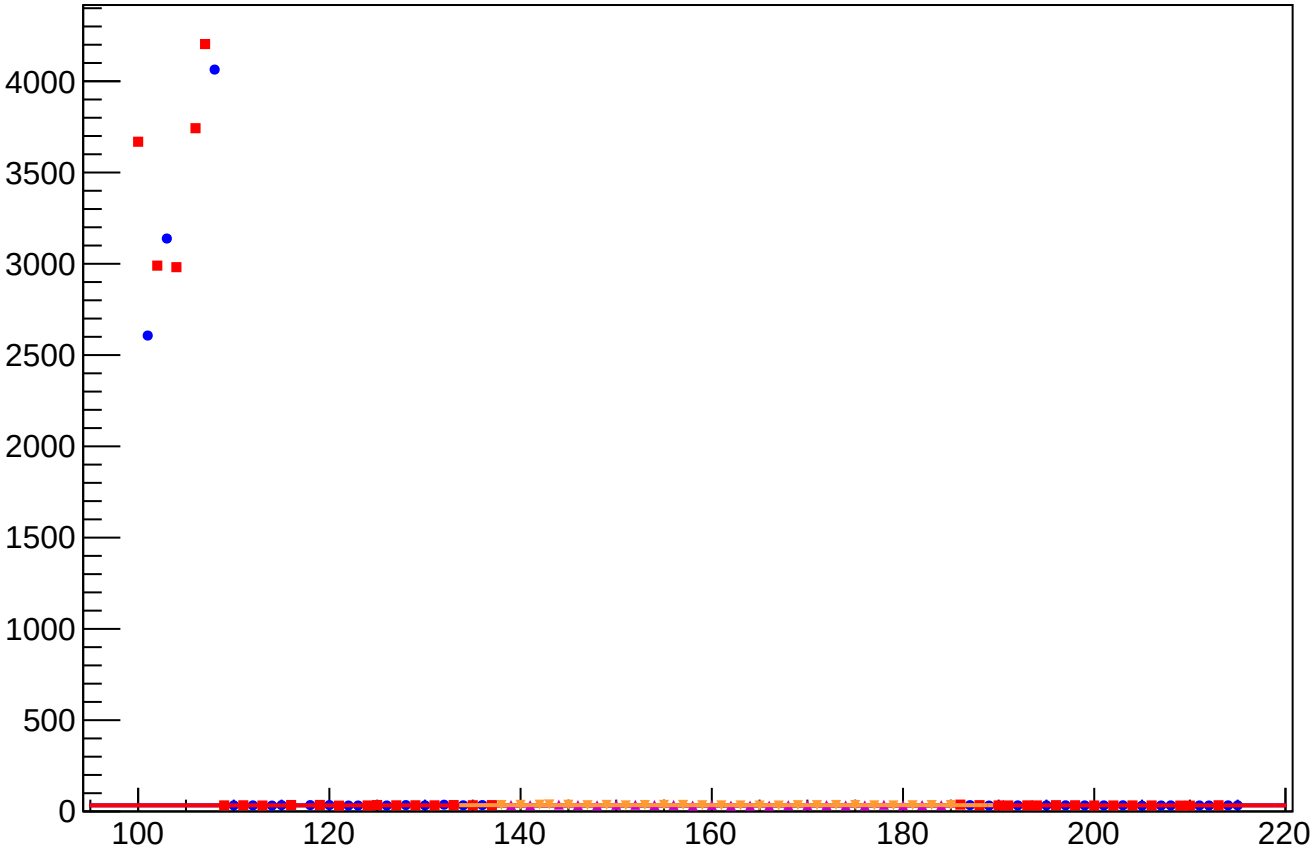
Left In: 6.001+/-8.309 χ^2/NDF:21.1/22

\+ sign -10.324+/-5.816 χ^2/NDF: 66.3/56

All: -3.184+/-4.163 χ^2/NDF: 126.4/113

\- sign 4.316+/-5.961 χ^2/NDF: 57.0/56

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

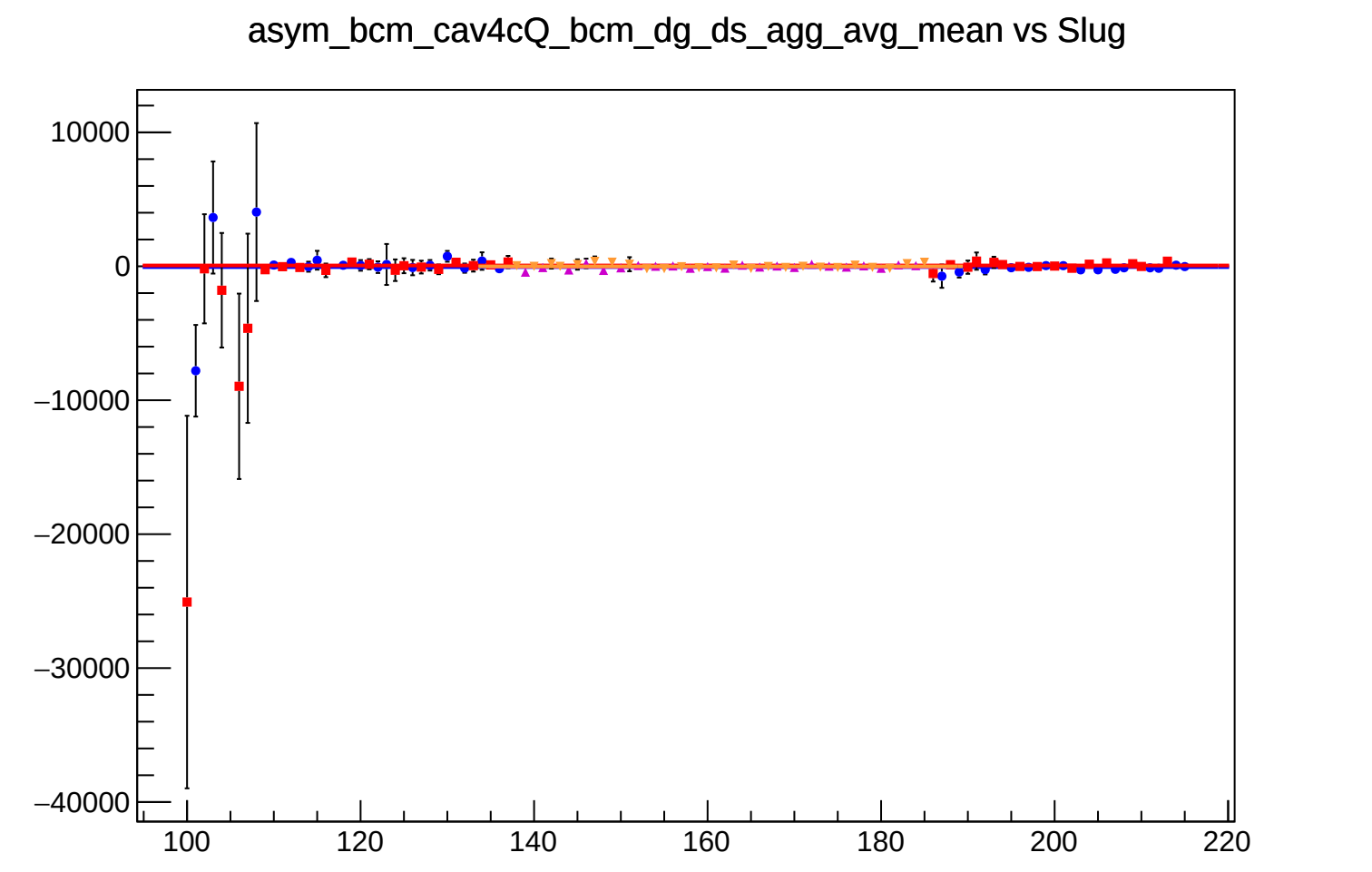
Right Out: 33.467+/-0.006 χ^2/NDF: 3474207.8/33

Left In: 34.685+/-0.006 χ^2/NDF:60315.2/22

+ sign 34.029+/-0.004 χ^2/NDF: 3100469.1/56

All: 34.060+/-0.003 χ^2/NDF: 6655983.2/113

- sign 34.094+/-0.004 χ^2/NDF: 3555391.1/56



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: 61.265+/-46.237 χ^2/NDF: 19.4/33

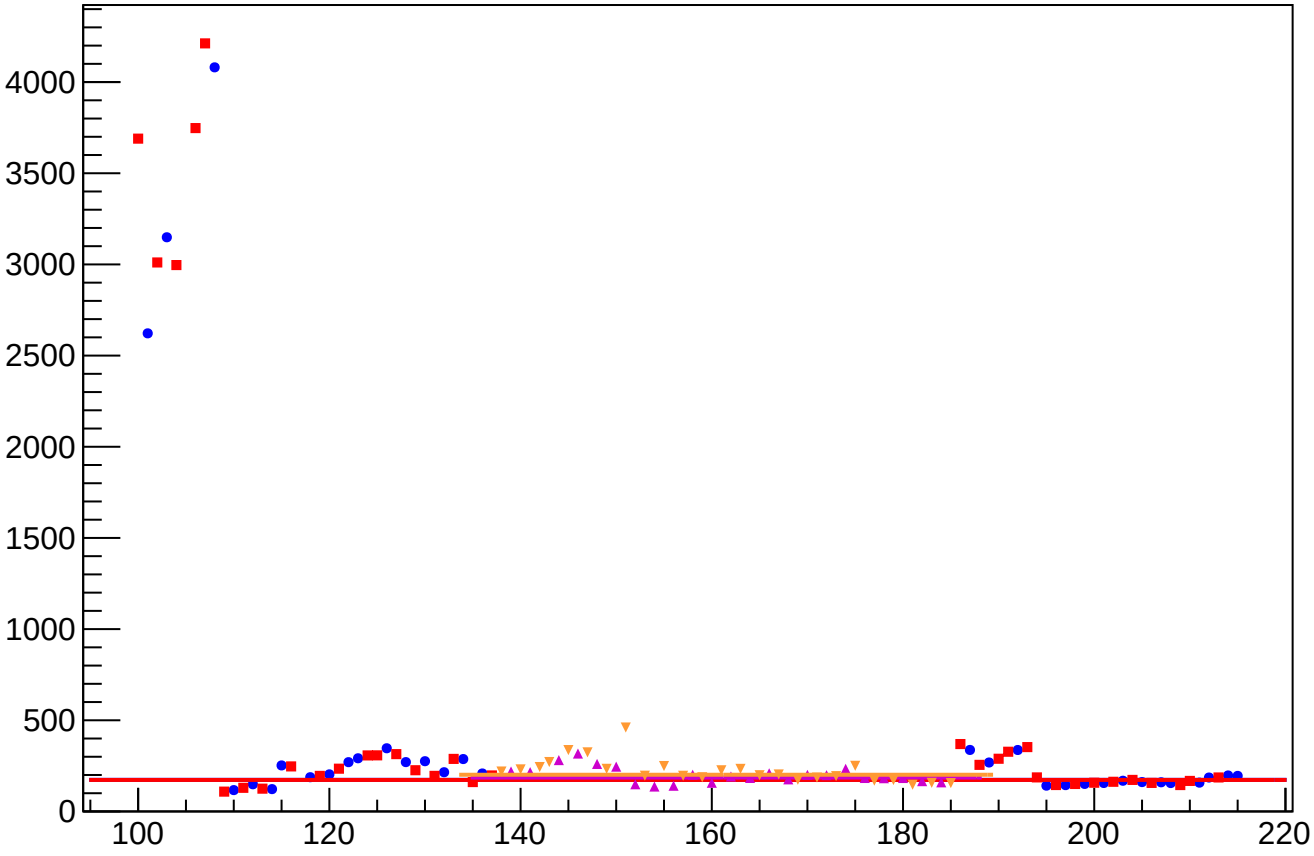
Left In: -34.127+/-46.296 χ^2/NDF:7.4/22

\+ sign -36.161+/-33.017 χ^2/NDF: 31.2/56

All: -11.037+/-23.239 χ^2/NDF: 61.3/113

\- sign 13.630+/-32.715 χ^2/NDF: 29.0/56

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 173.385+/-0.032 χ^2/NDF: 4574041.8/31

Left Out: 201.296+/-0.034 χ^2/NDF:1851134.1/24

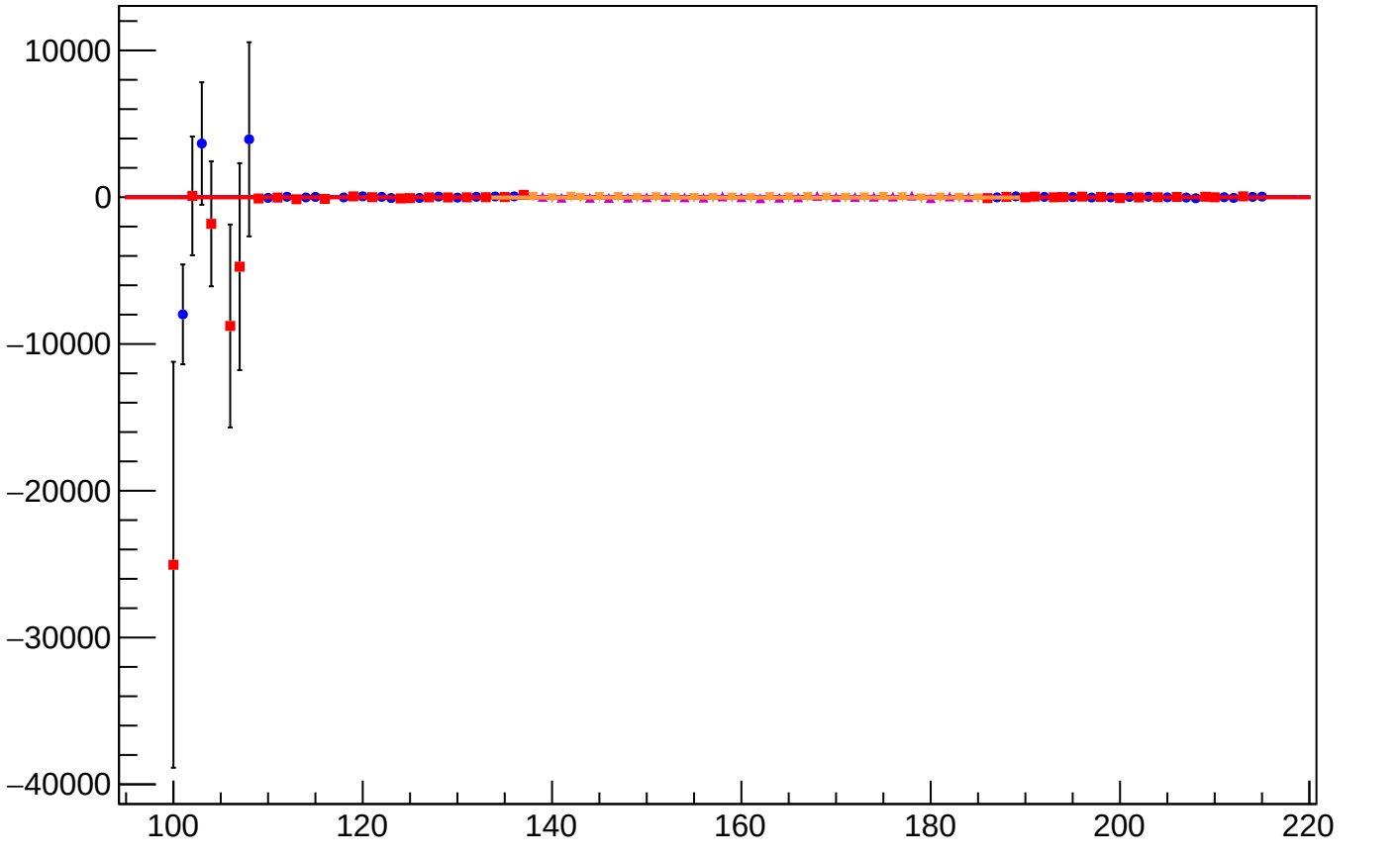
Right Out: 172.827+/-0.033 χ^2/NDF: 5408673.4/33

Left In: 185.854+/-0.033 χ^2/NDF:1381771.9/22

+ sign 186.259+/-0.023 χ^2/NDF: 6780339.1/56

All: 182.764+/-0.016 χ^2/NDF: 13694480.0/11

- sign 179.332+/-0.023 χ^2/NDF: 6869718.3/56



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: -1.993+/-7.745 χ^2/NDF: 41.9/33

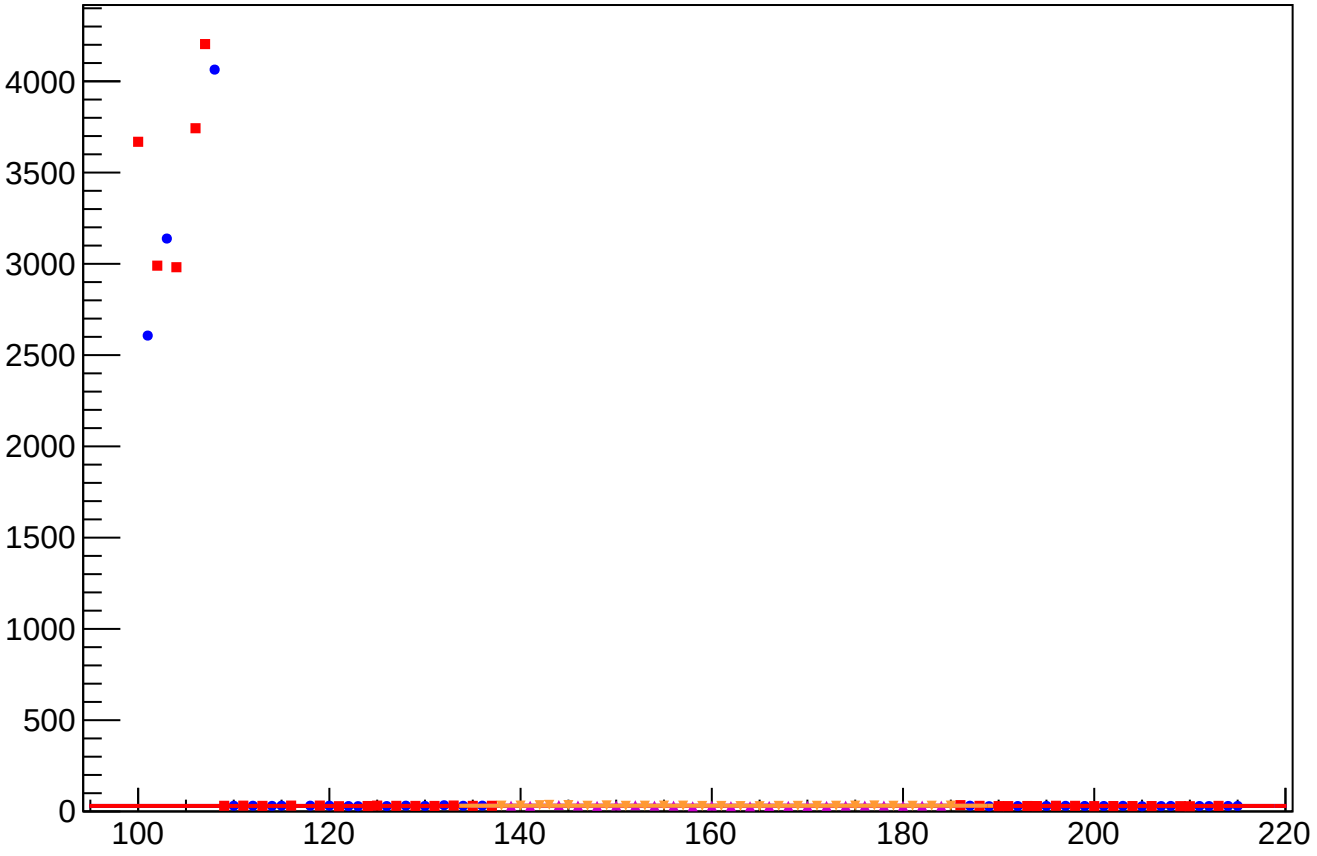
Left In: 5.943+/-7.550 χ^2/NDF:38.3/22

\+ sign -9.576+/-5.279 χ^2/NDF: 52.1/56

All: -3.889+/-3.777 χ^2/NDF: 135.2/113

\- sign 2.077+/-5.406 χ^2/NDF: 80.7/56

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: 30.268+/-0.005 χ^2/NDF: 3492178.6/33

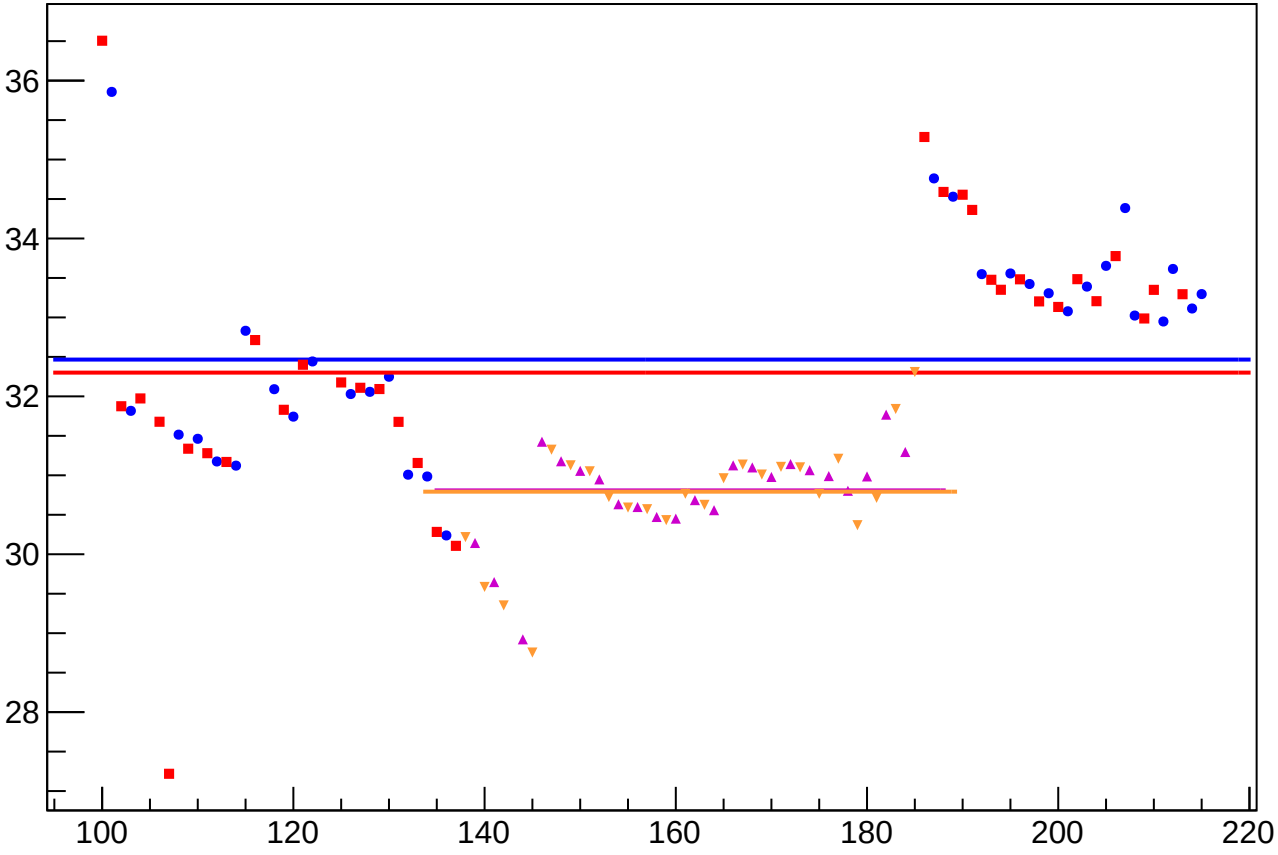
Left In: 31.484+/-0.005 χ^2/NDF:87981.1/22

+ sign 30.867+/-0.004 χ^2/NDF: 3149892.3/56

All: 30.879+/-0.003 χ^2/NDF: 6755384.0/113

- sign 30.892+/-0.004 χ^2/NDF: 3605470.0/56

yield_usl_mean vs Slug



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: 32.301+/-0.000 χ^2/NDF: 2528221588.4/32

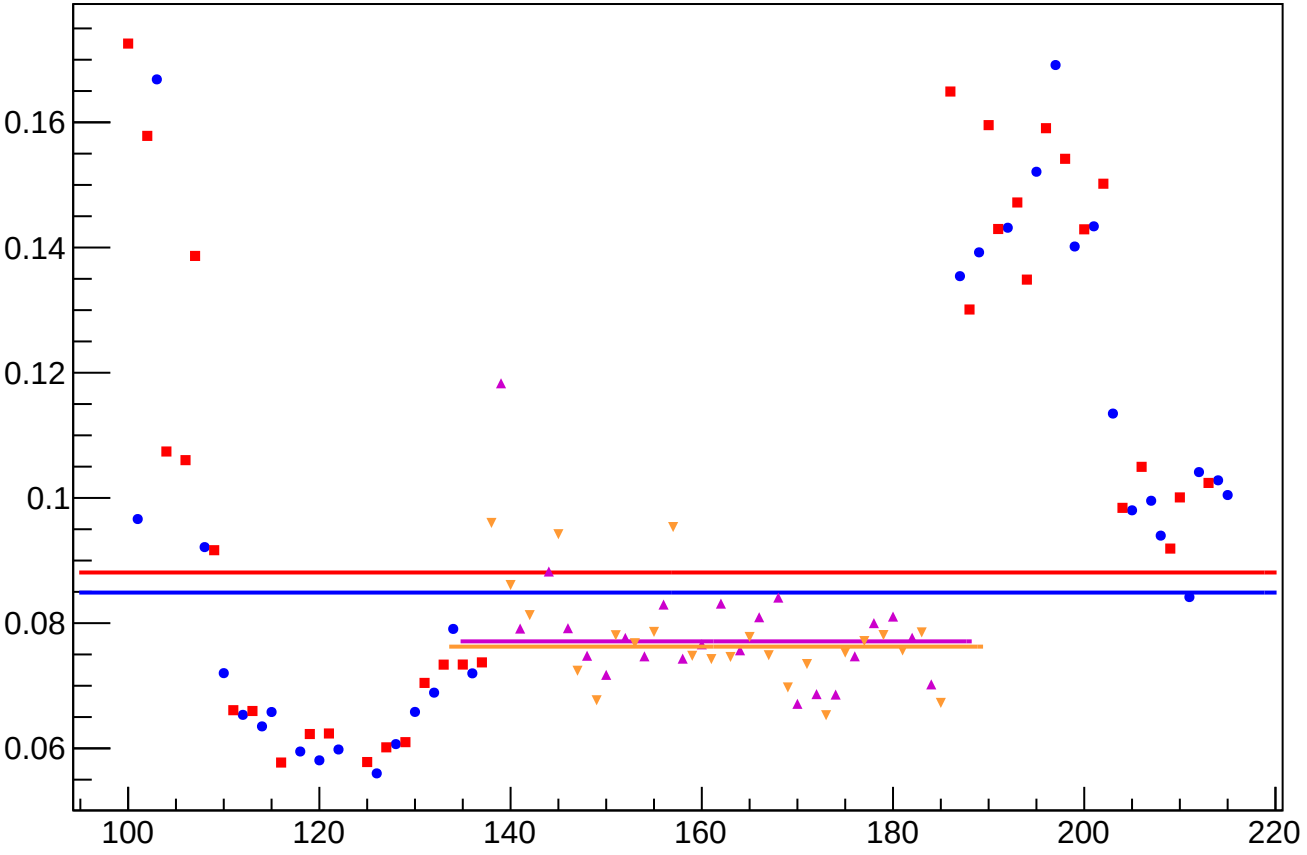
Left In: 30.809+/-0.000 χ^2/NDF:821961762.3/22

+ sign 31.503+/-0.000 χ^2/NDF: 7311896076.6/54

All: 31.462+/-0.000 χ^2/NDF: 13098729807.4

- sign 31.418+/-0.000 χ^2/NDF: 5769739298.2/55

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

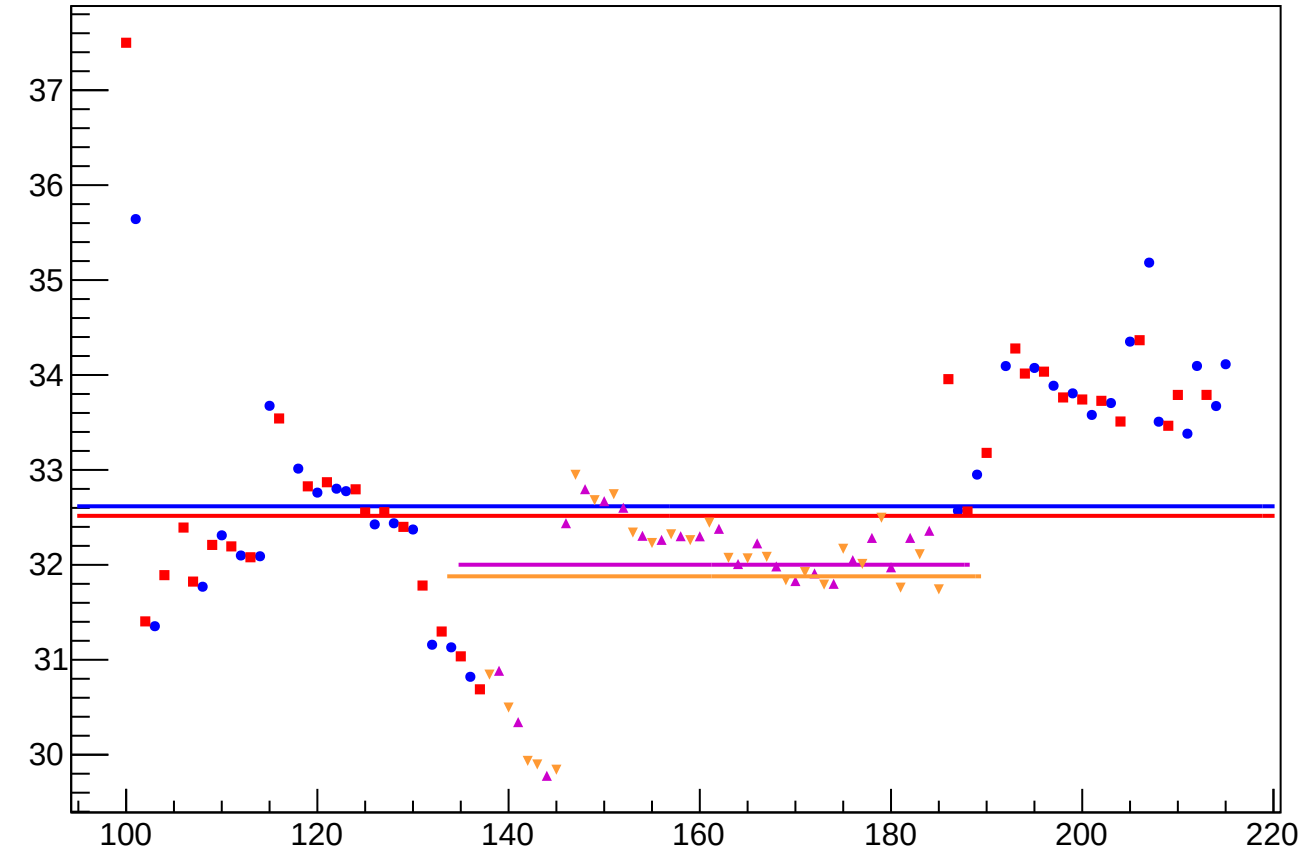
Right Out: 0.088+/-0.000 χ^2/NDF: 3659822.0/32

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: 7988792.6/110

- sign 0.082+/-0.000 χ^2/NDF: 4248882.9/55



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: 32.516+/-0.000 χ^2/NDF: 938724936.3/32

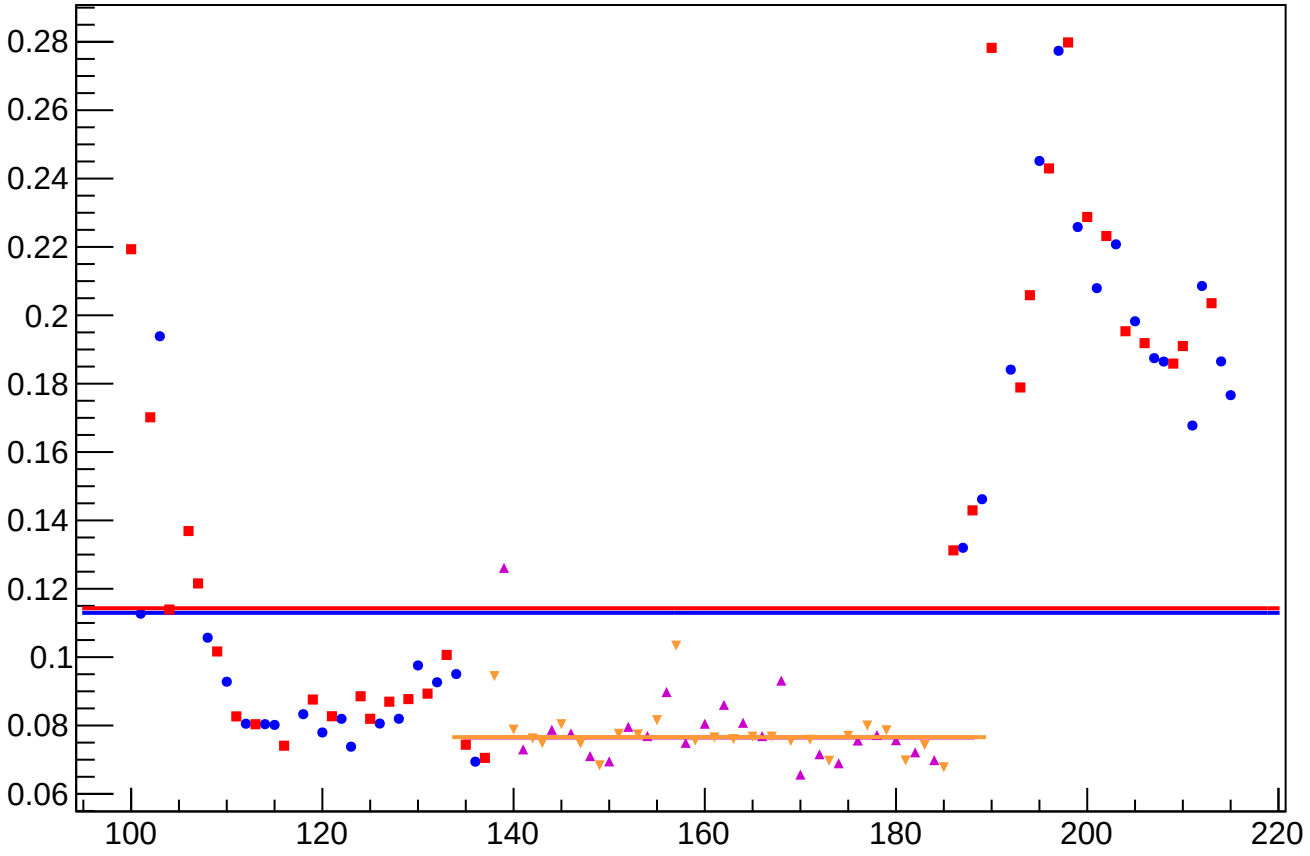
Left In: 32.001+/-0.000 χ^2/NDF:1411110671.9/22

+ sign 32.076+/-0.000 χ^2/NDF: 4040350486.8/56

All: 32.107+/-0.000 χ^2/NDF: 6594206321.5/1

- sign 32.140+/-0.000 χ^2/NDF: 2546045847.6/55

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

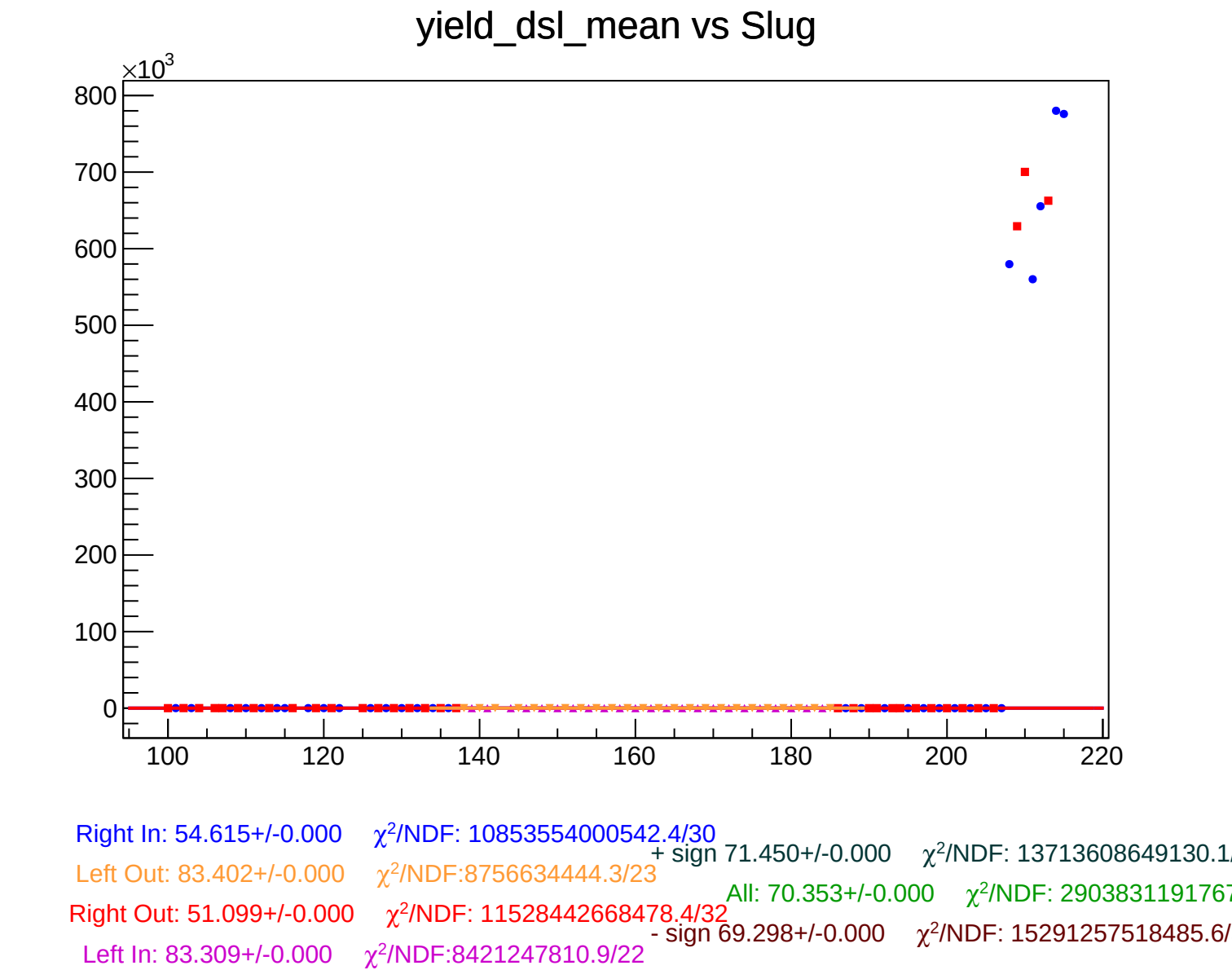
Right Out: 0.114+/-0.000 χ^2/NDF: 5075884.0/32

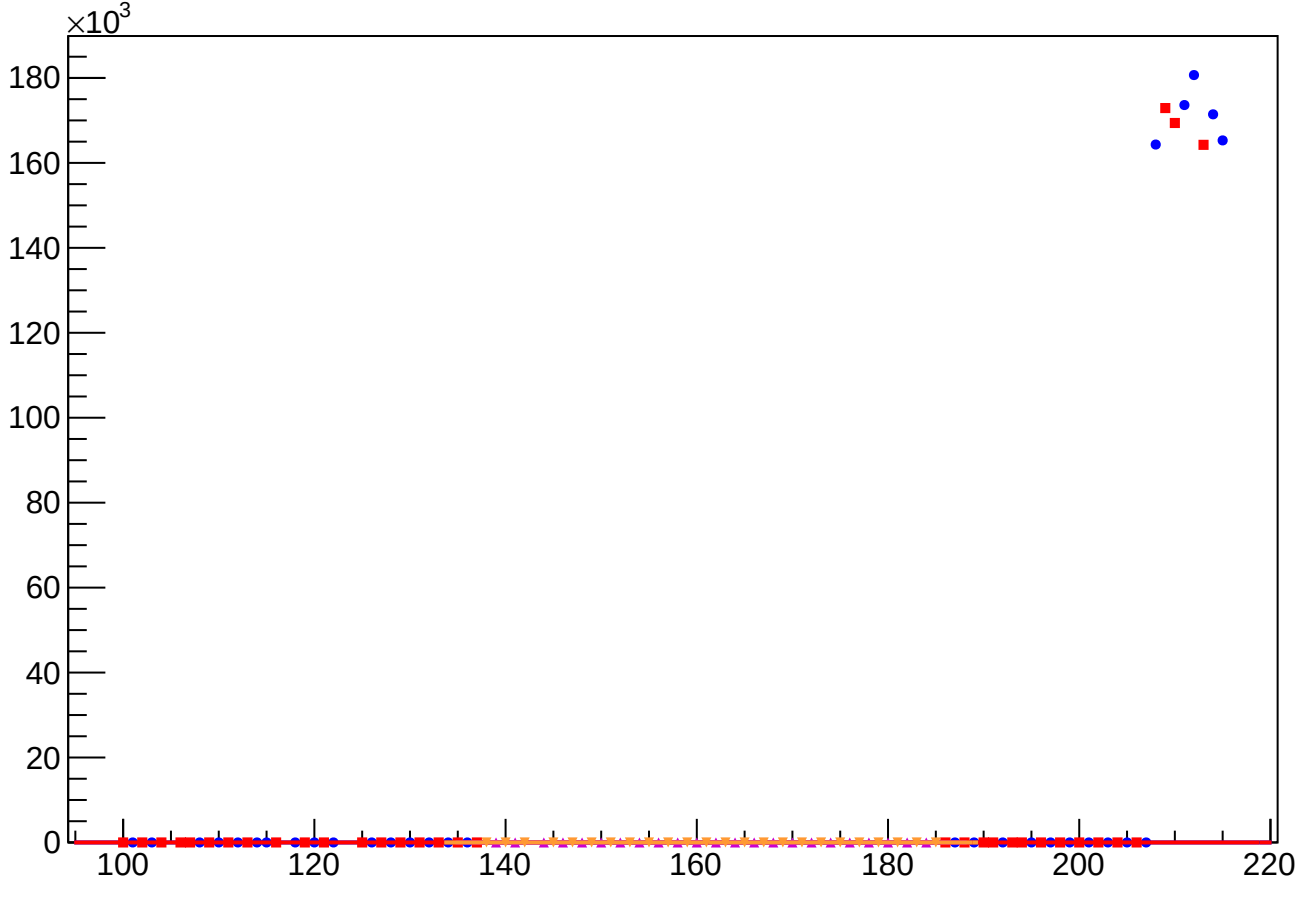
Left In: 0.076+/-0.000 χ^2/NDF:432563.3/22

+ sign 0.086+/-0.000 χ^2/NDF: 7859686.9/56

All: 0.086+/-0.000 χ^2/NDF: 15483735.5/112

- sign 0.087+/-0.000 χ^2/NDF: 7623515.4/55


yield_dsl_mean vs Slug
×10^3
800
700
600
500
400
300
200
100
0
100
120
140
160
180
200
220
Right In: 54.615+/-0.000 χ²/NDF: 10853554000542.4/30
Left Out: 83.402+/-0.000 χ²/NDF:8756634444.3/23
Right Out: 51.099+/-0.000 χ²/NDF: 11528442668478.4/32
Left In: 83.309+/-0.000 χ²/NDF:8421247810.9/22
+ sign 71.450+/-0.000 χ²/NDF: 13713608649130.1
All: 70.353+/-0.000 χ²/NDF: 2903831191767
- sign 69.298+/-0.000 χ²/NDF: 15291257518485.6/



Right In: 0.047+/-0.000 χ^2/NDF: 7420716.1/30

Left Out: 0.045+/-0.000 χ^2/NDF:206685.9/23

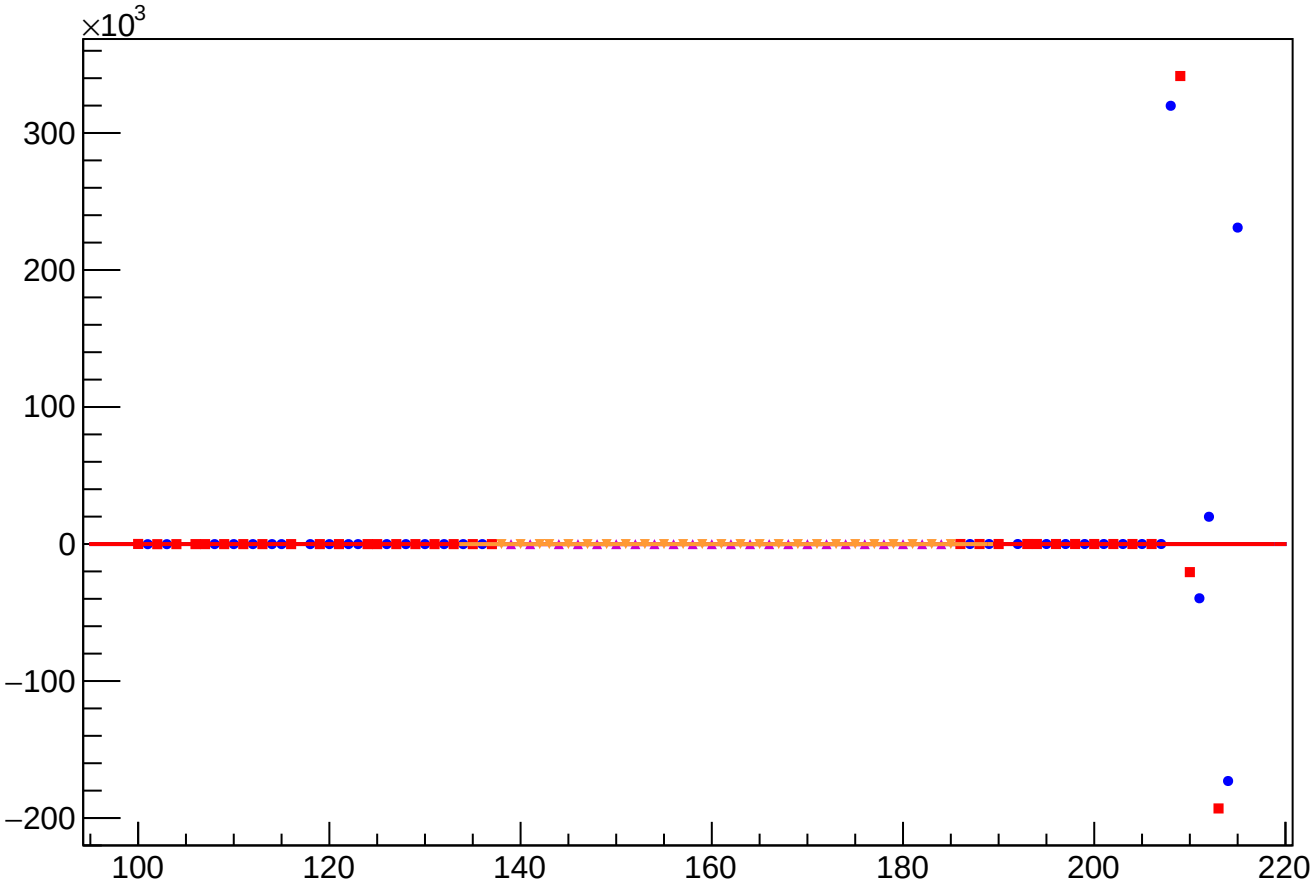
Right Out: 0.047+/-0.000 χ^2/NDF: 4977622.0/32

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: 12894448.3/110

- sign 0.046+/-0.000 χ^2/NDF: 5247558.7/55



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: 7325681975702.7/32

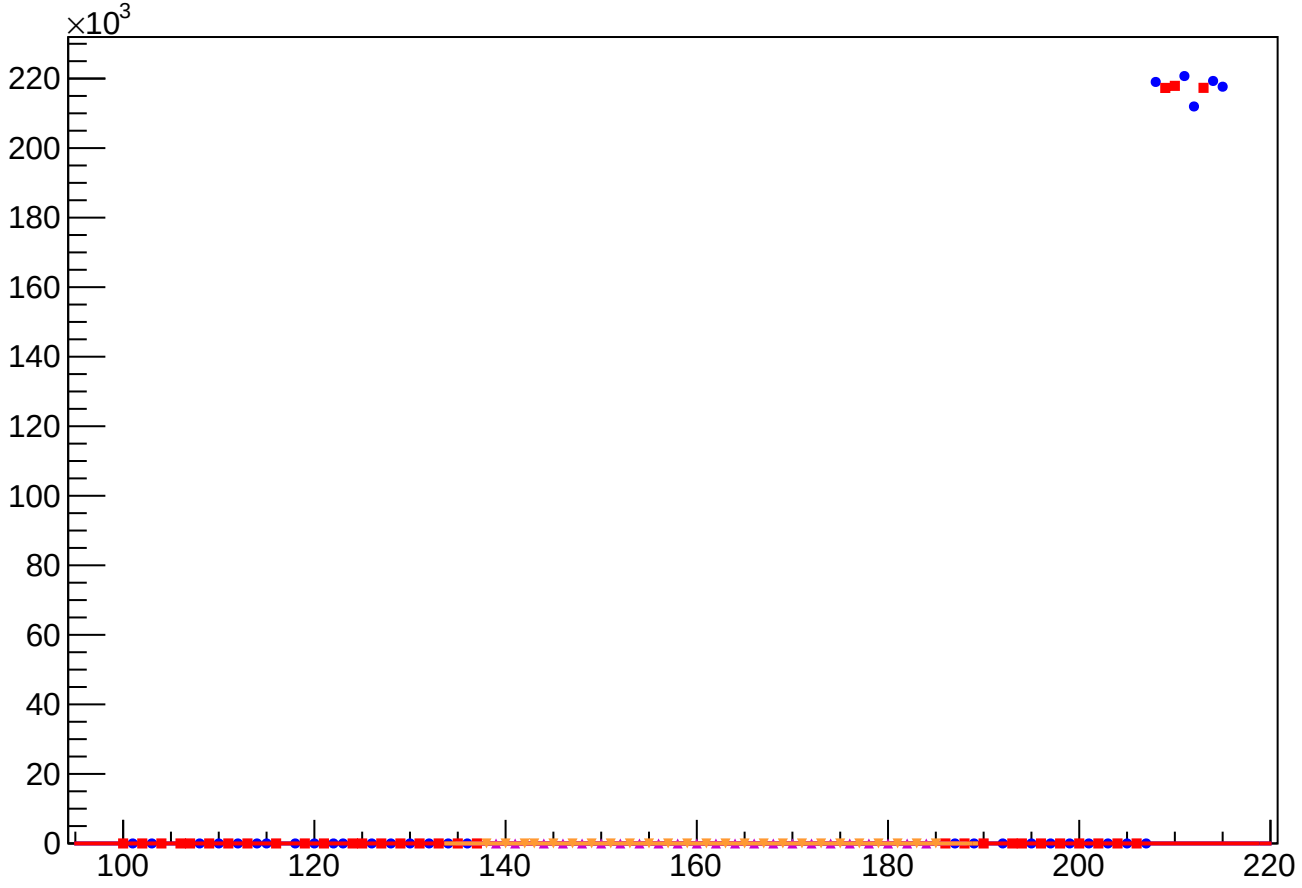
Left In: -69.458+/-0.000 χ^2/NDF:52798704.3/22

+ sign -51.425+/-0.000 χ^2/NDF: 11625953517907.3

All: -50.406+/-0.000 χ^2/NDF: 234256951630

- sign -49.388+/-0.000 χ^2/NDF: 11777430117909.9

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

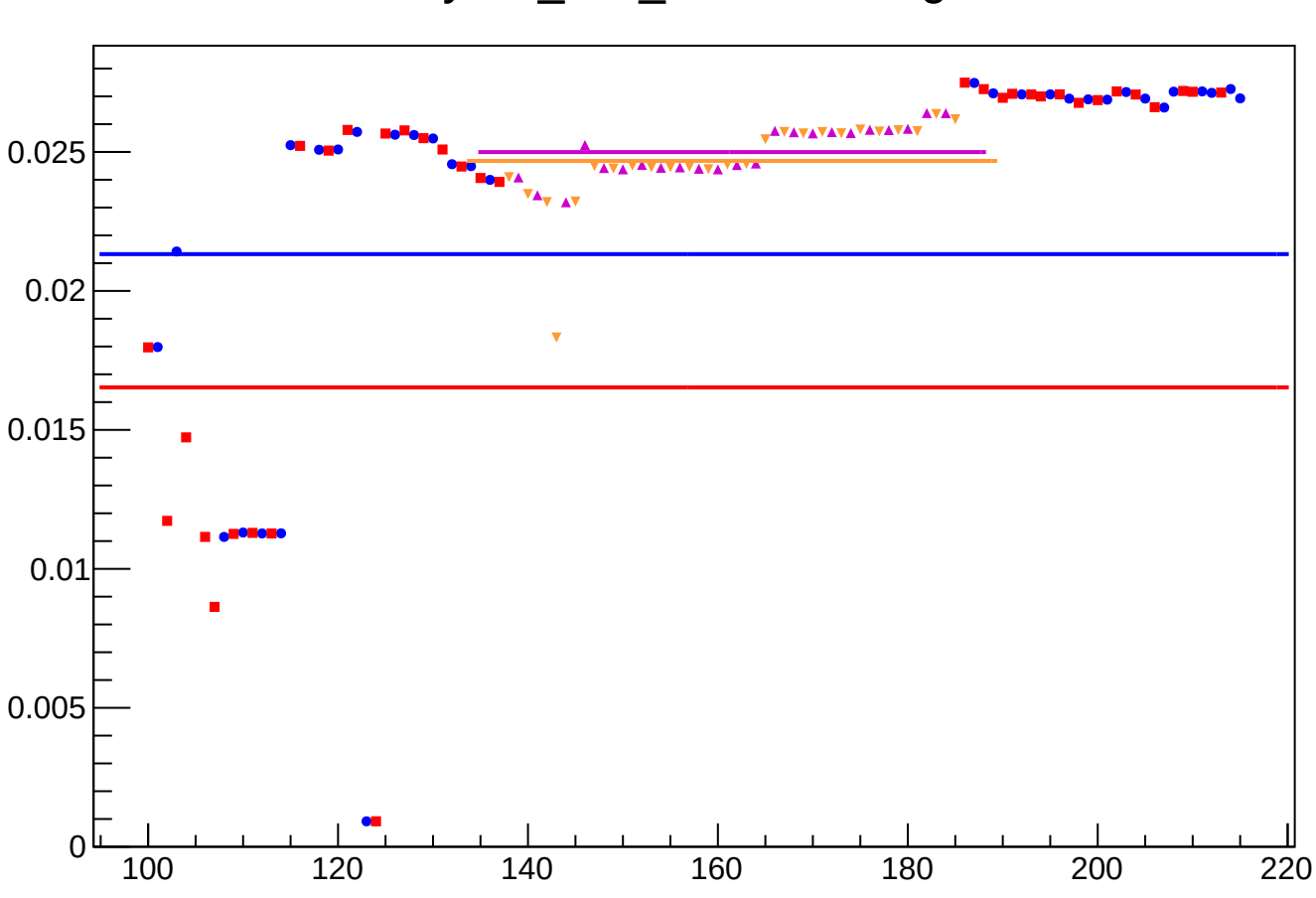
Right Out: 0.052+/-0.000 χ^2/NDF: 4579288.8/32

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: 11979304.4/112

- sign 0.054+/-0.000 χ^2/NDF: 4699475.6/55



Right In: 0.021+/-0.000 χ^2/NDF: 201047898958.3/31

Left Out: 0.025+/-0.000 χ^2/NDF:9641065555.8/24

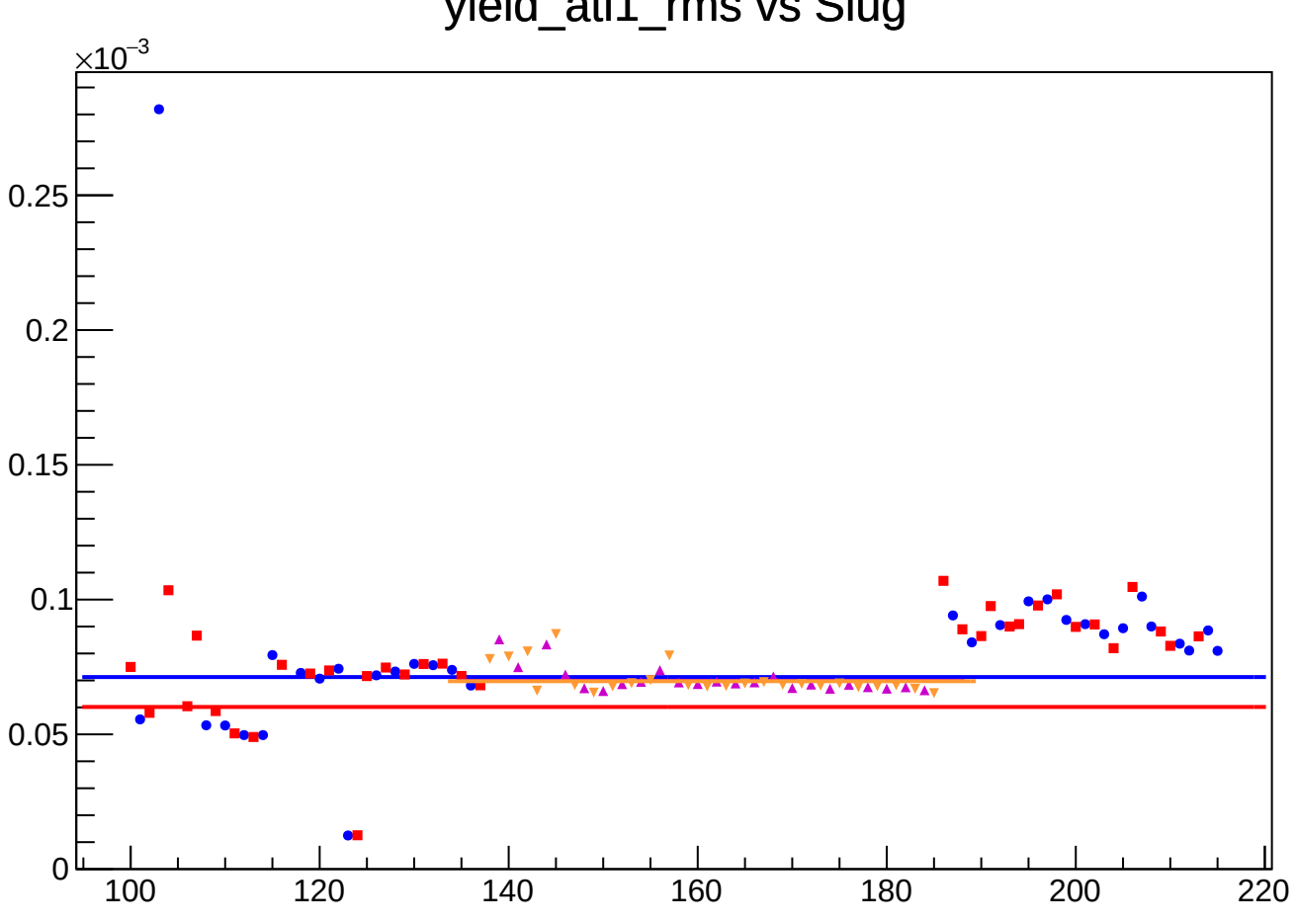
Right Out: 0.017+/-0.000 χ^2/NDF: 430739877035.8/33

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: 810635119324.8

- sign 0.021+/-0.000 χ^2/NDF: 560461191083.7/56



Right In: 0.000+/-0.000 χ^2/NDF: 3644790.6/31

Left Out: 0.000+/-0.000 χ^2/NDF:158125.0/24

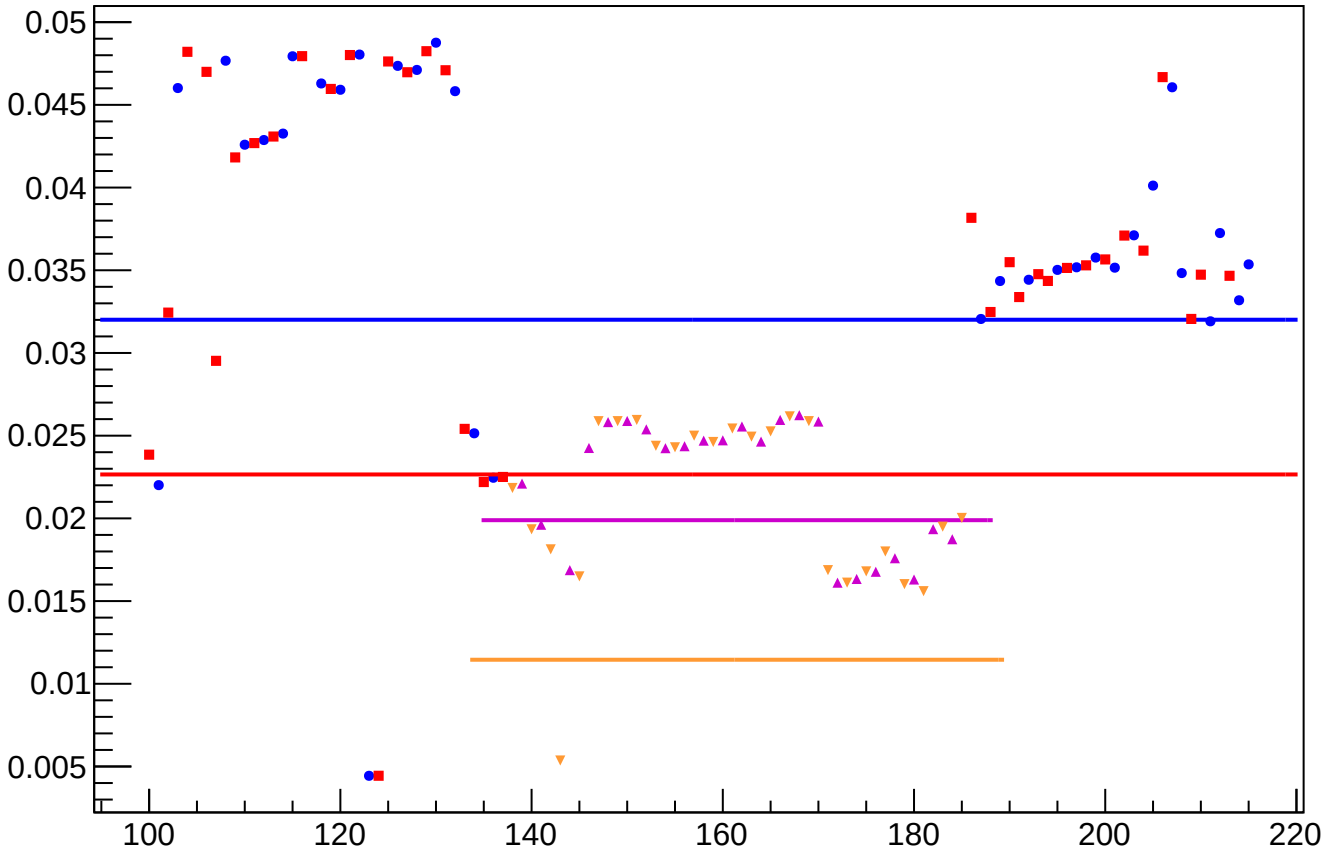
Right Out: 0.000+/-0.000 χ^2/NDF: 7103950.4/33

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: 11581369.5/113

- sign 0.000+/-0.000 χ^2/NDF: 7567281.4/56



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: 44852299973.9/33

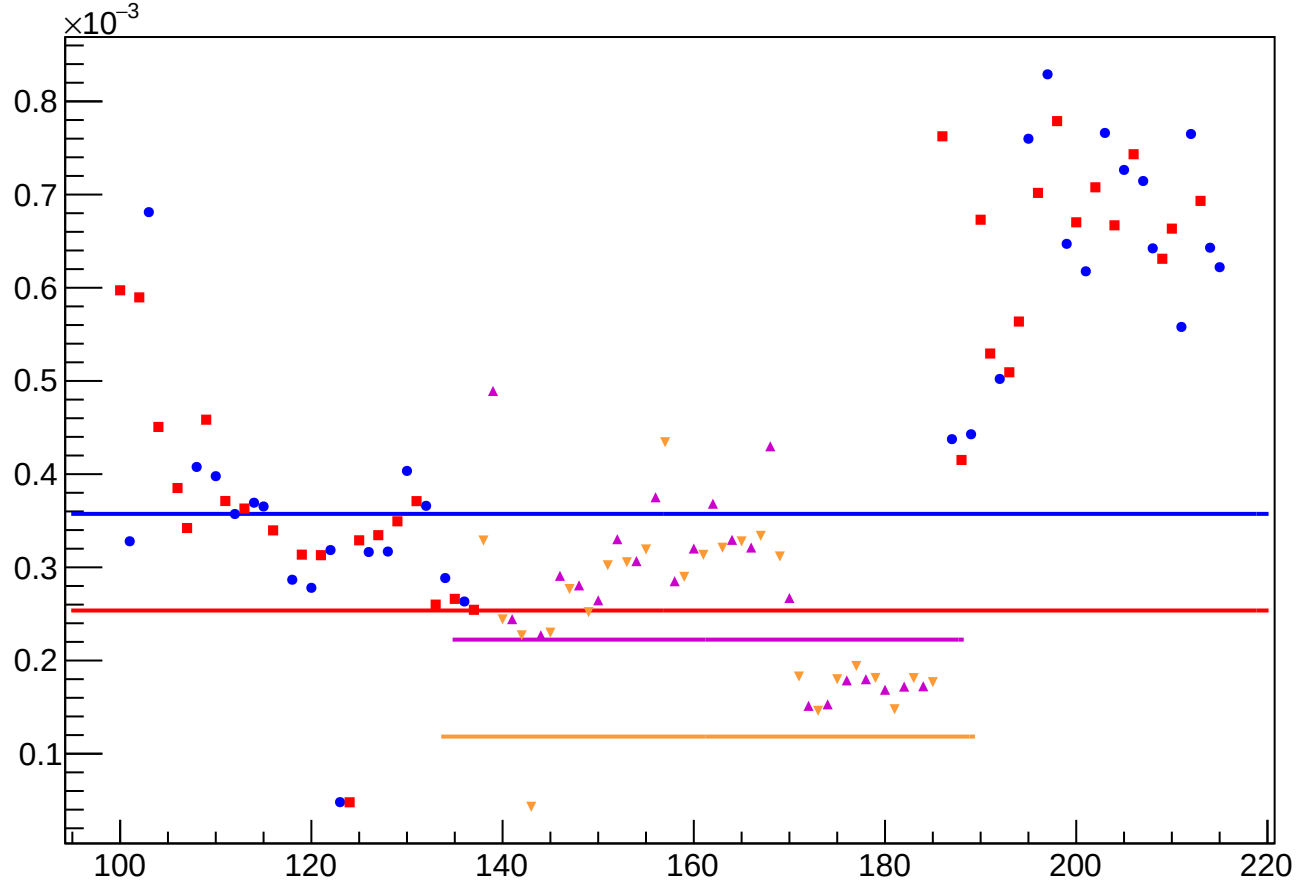
Left In: 0.020+/-0.000 χ^2/NDF:4458790813.3/22

+ sign 0.014+/-0.000 χ^2/NDF: 97733205136.6/56

All: 0.016+/-0.000 χ^2/NDF: 161332702459.9

- sign 0.021+/-0.000 χ^2/NDF: 50042775048.1/56

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: 13499785.4/33

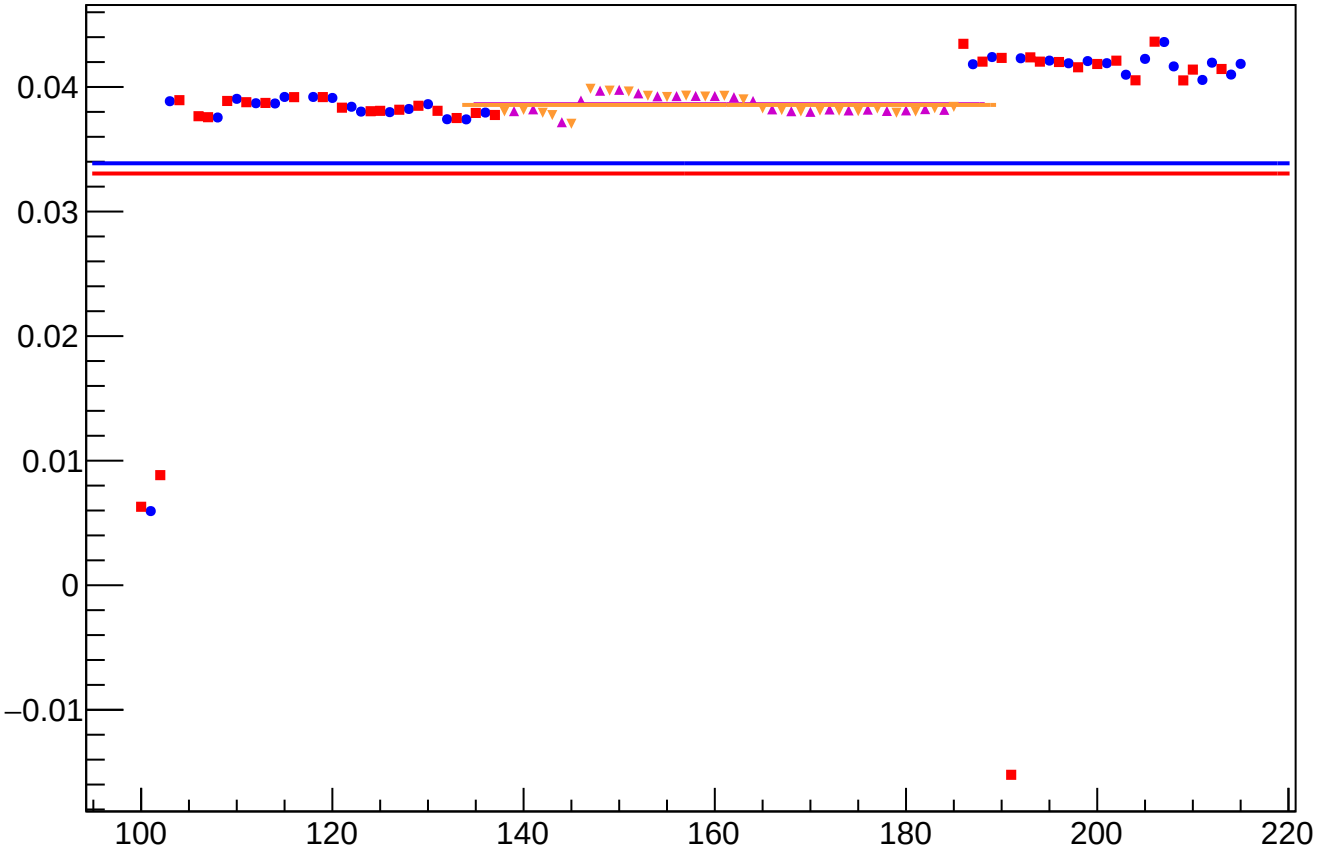
Left In: 0.000+/-0.000 χ^2/NDF:3281119.0/22

+ sign 0.000+/-0.000 χ^2/NDF: 31027250.2/56

All: 0.000+/-0.000 χ^2/NDF: 52192649.0/113

- sign 0.000+/-0.000 χ^2/NDF: 16967873.6/56

yield_atr1_mean vs Slug



Right In: 0.034+/-0.000 χ^2/NDF: 120712556964.6/31

Left Out: 0.039+/-0.000 χ^2/NDF:539468437.3/24

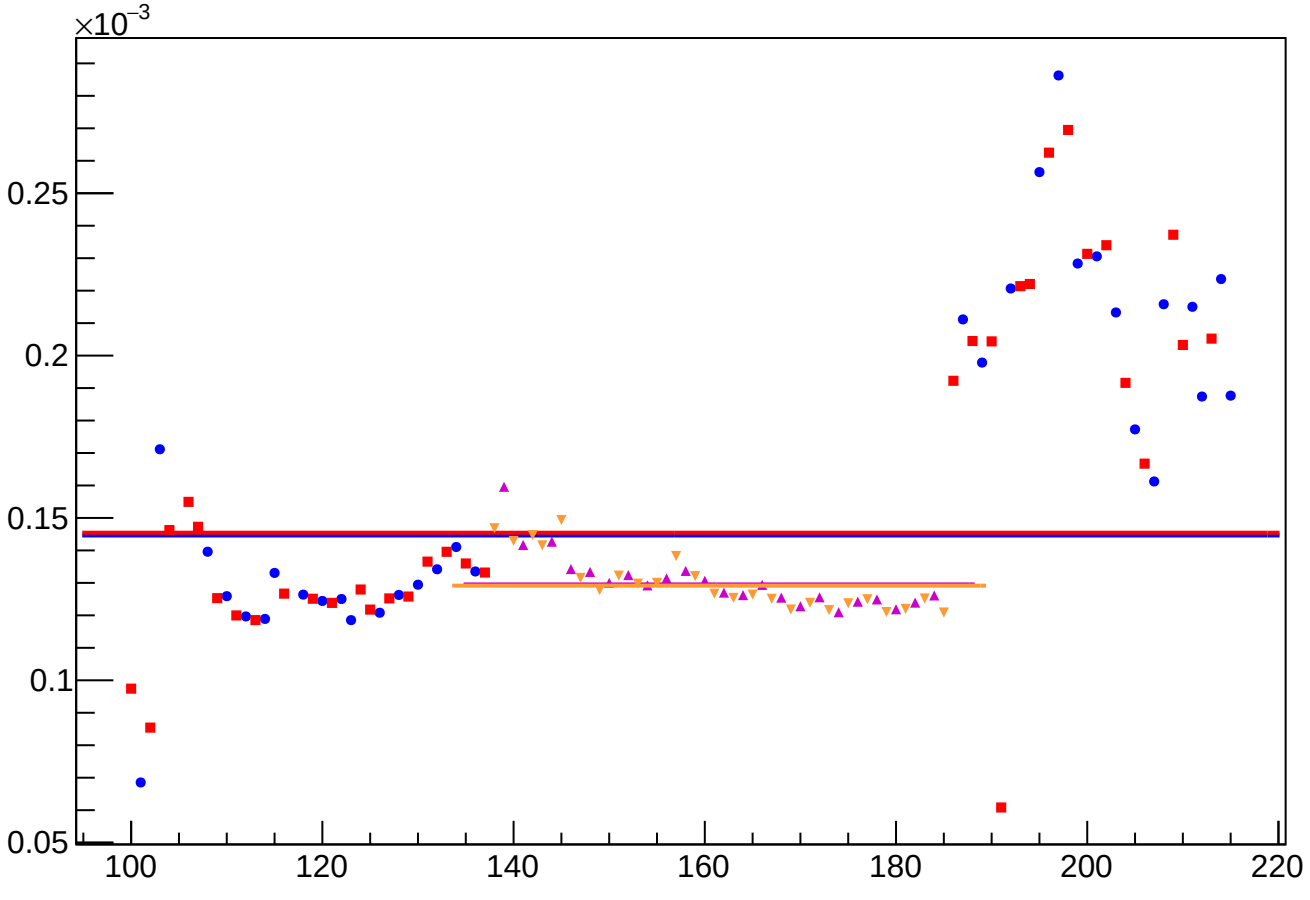
Right Out: 0.033+/-0.000 χ^2/NDF: 184087655087.6/33

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: 328081452335.9

- sign 0.036+/-0.000 χ^2/NDF: 197335865710.1/56



Right In: 0.000+/-0.000 χ^2/NDF: 3880438.6/31

Left Out: 0.000+/-0.000 χ^2/NDF:130321.6/24

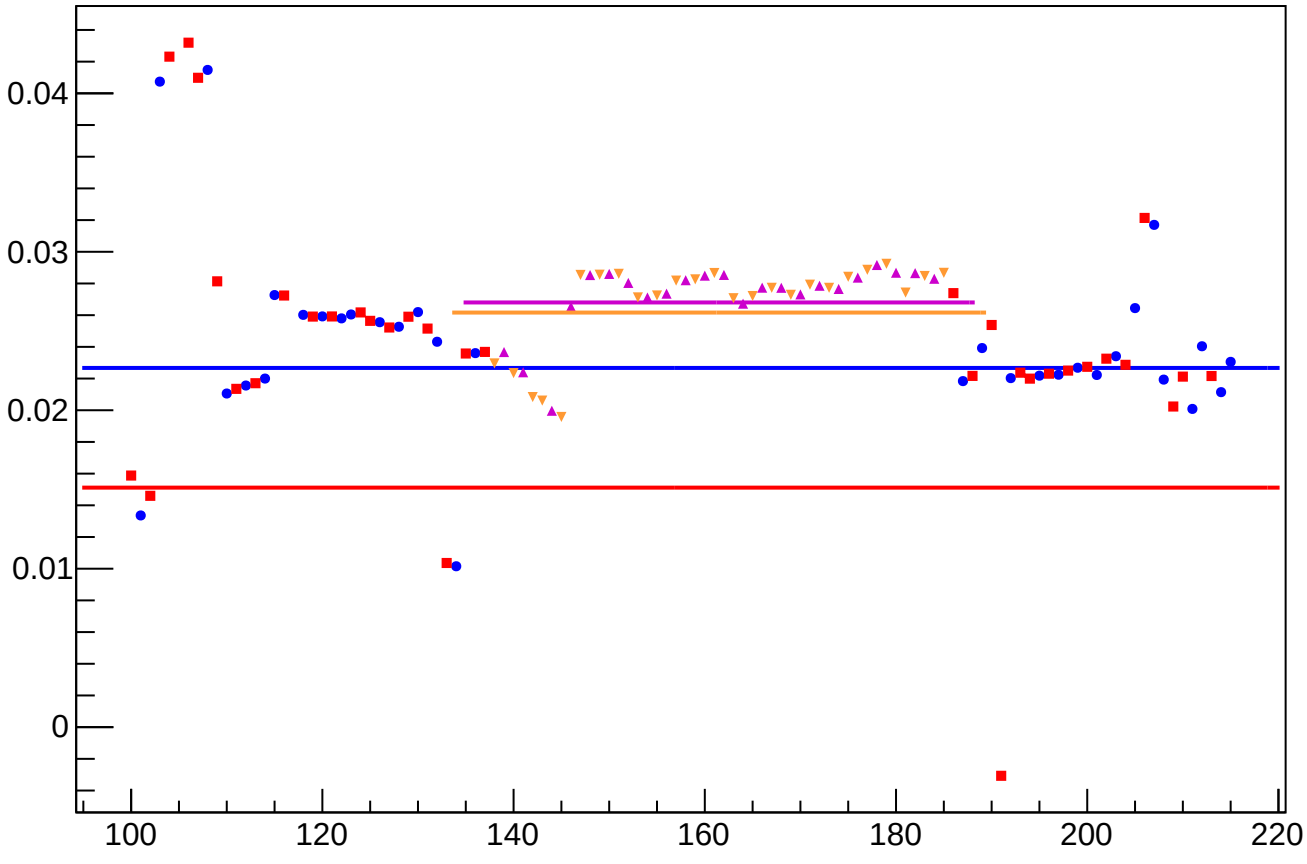
Right Out: 0.000+/-0.000 χ^2/NDF: 3507903.4/33

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: 8047725.8/113

- sign 0.000+/-0.000 χ^2/NDF: 3831879.2/56



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: 31762198373.4/33

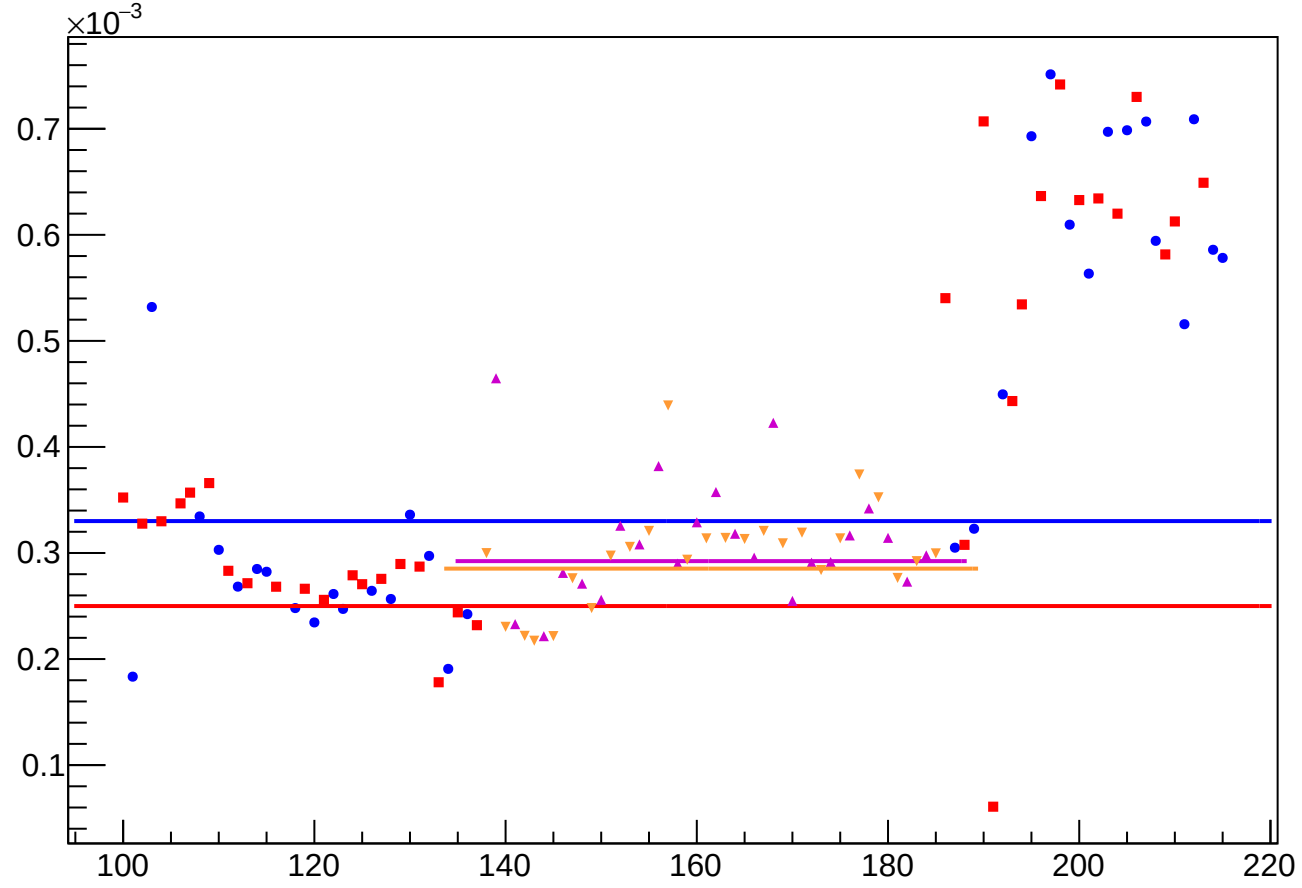
Left In: 0.027+/-0.000 χ^2/NDF:1332033607.7/22

+ sign 0.025+/-0.000 χ^2/NDF: 7406627552.8/56

All: 0.023+/-0.000 χ^2/NDF: 54854638506.3/1

- sign 0.021+/-0.000 χ^2/NDF: 45190822298.1/56

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

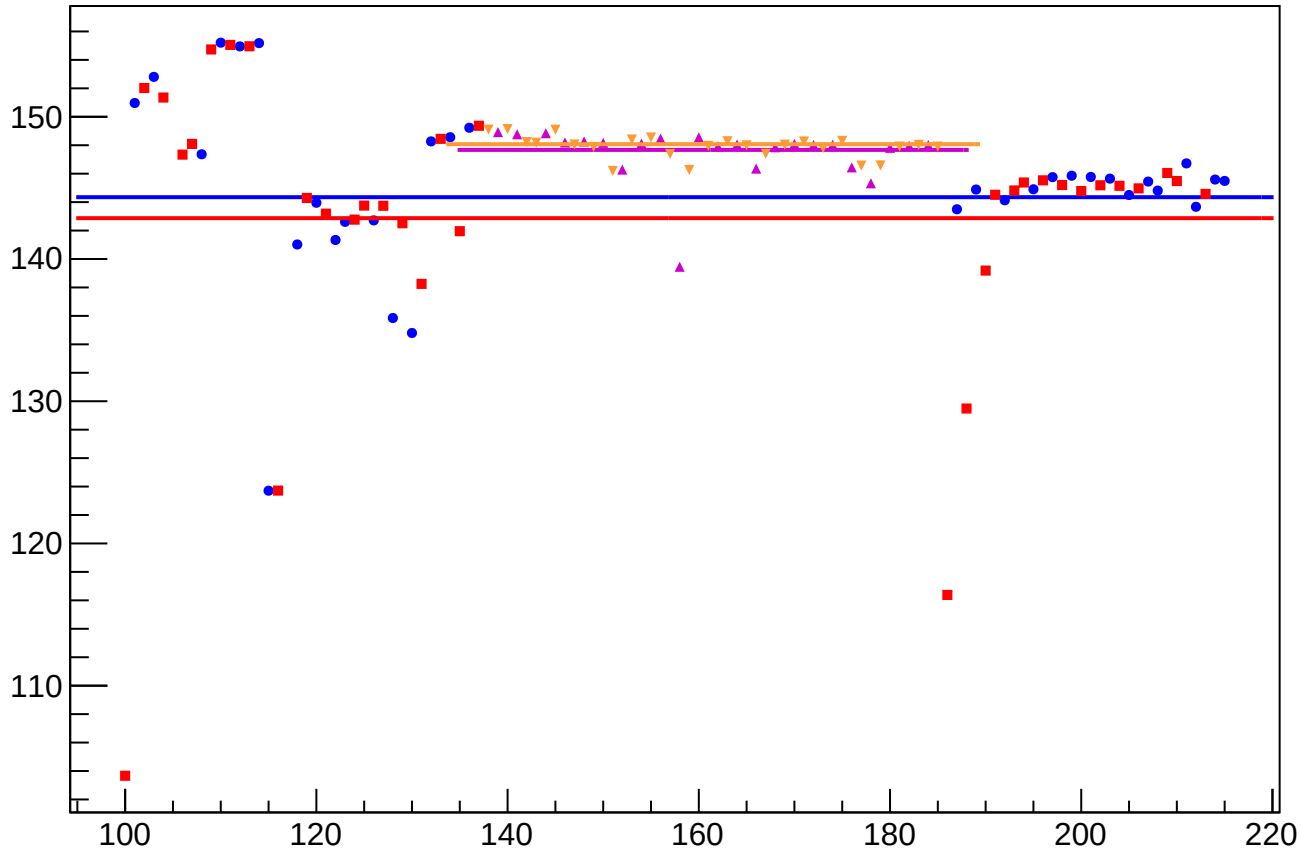
Right Out: 0.000+/-0.000 χ^2/NDF: 10357974.3/33

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: 18880669.7/113

- sign 0.000+/-0.000 χ^2/NDF: 11574710.1/56



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: 142.872+/-0.000 χ^2/NDF: 7450594169.7/33

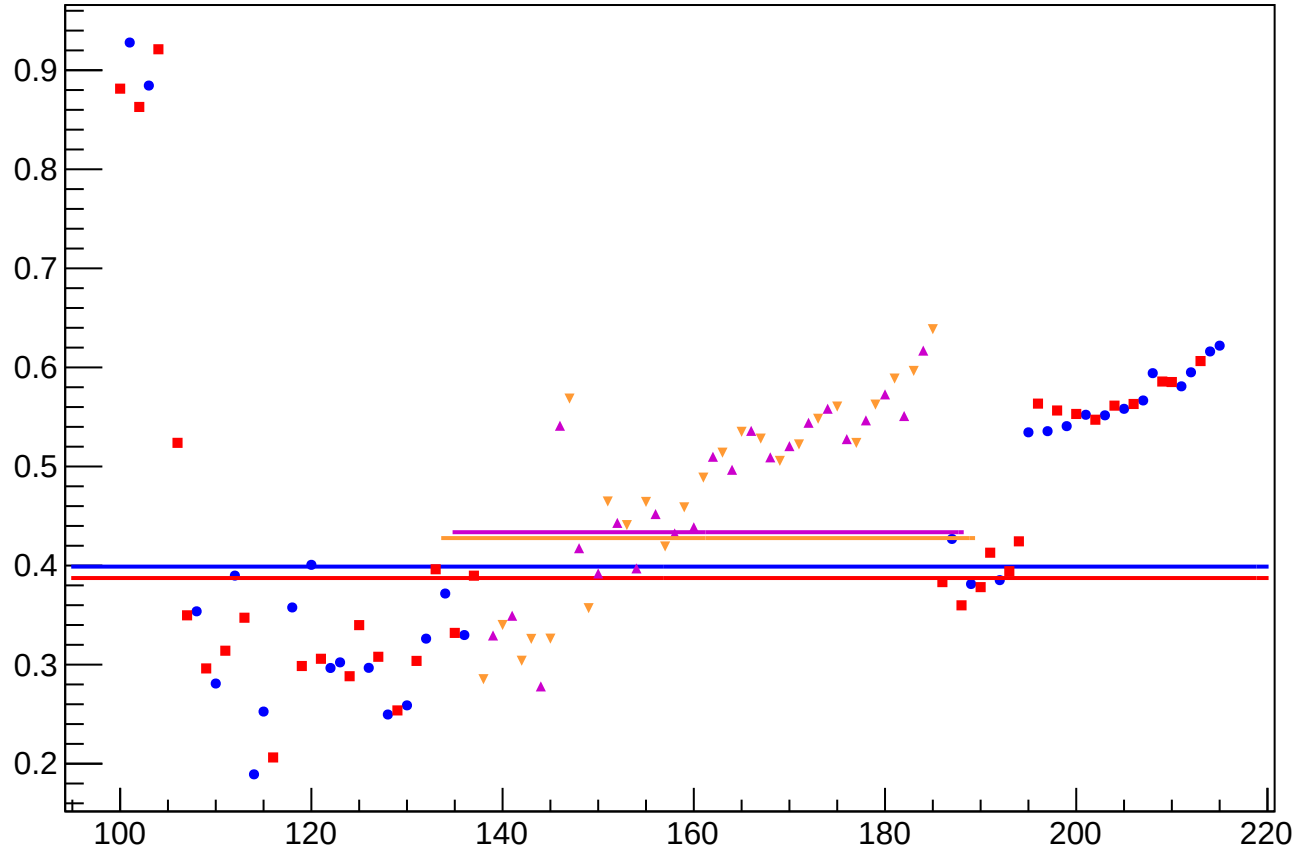
Left In: 147.670+/-0.000 χ^2/NDF:345222604.4/22

+ sign 146.215+/-0.000 χ^2/NDF: 4217330816.9/56

All: 145.662+/-0.000 χ^2/NDF: 13188752965.

- sign 145.109+/-0.000 χ^2/NDF: 8858315239.1/56

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

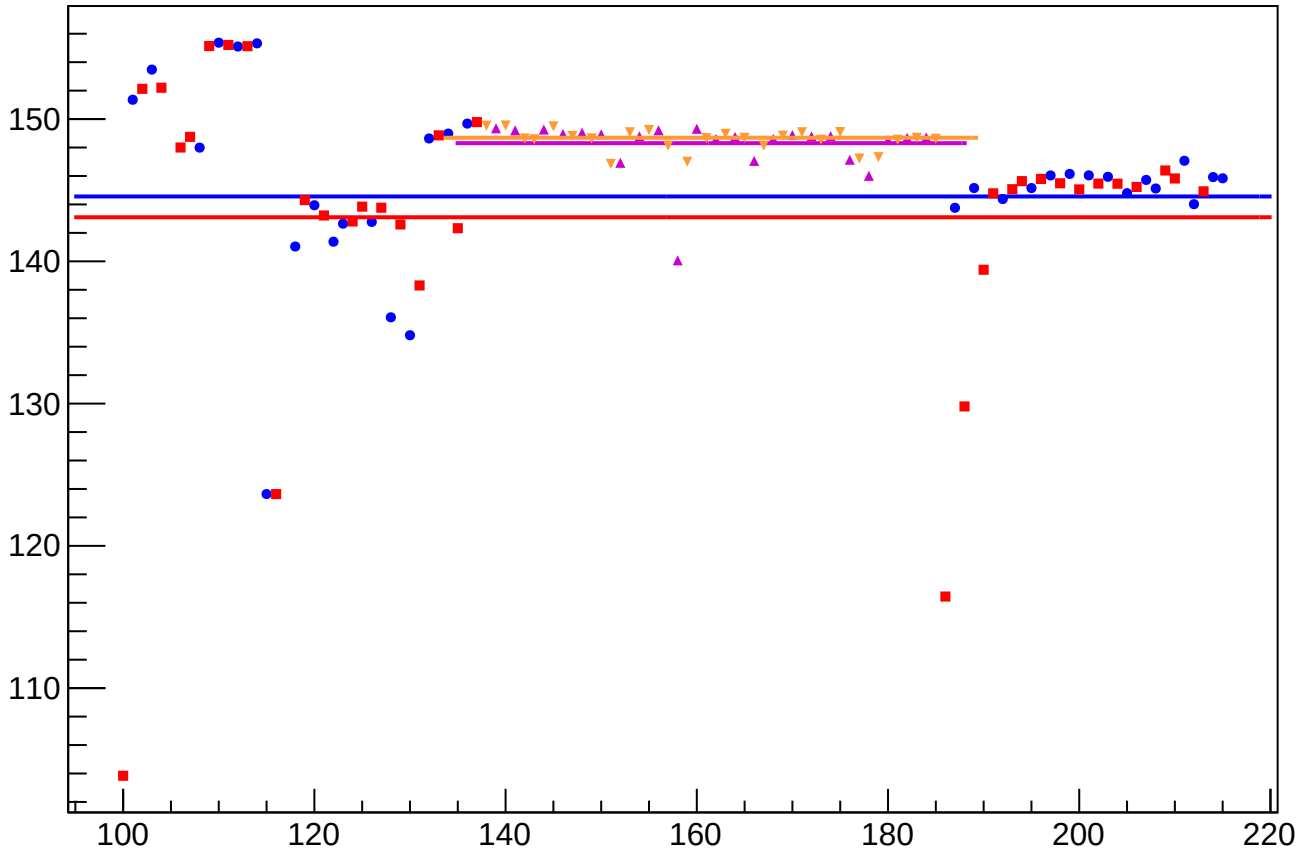
Right Out: 0.387+/-0.000 χ^2/NDF: 3083766.7/33

Left In: 0.434+/-0.000 χ^2/NDF:1496343.5/22

+ sign 0.413+/-0.000 χ^2/NDF: 5583952.9/56

All: 0.411+/-0.000 χ^2/NDF: 10365148.4/113

- sign 0.409+/-0.000 χ^2/NDF: 4777621.8/56



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: 143.099+/-0.000 χ^2/NDF: 7402242819.5/33

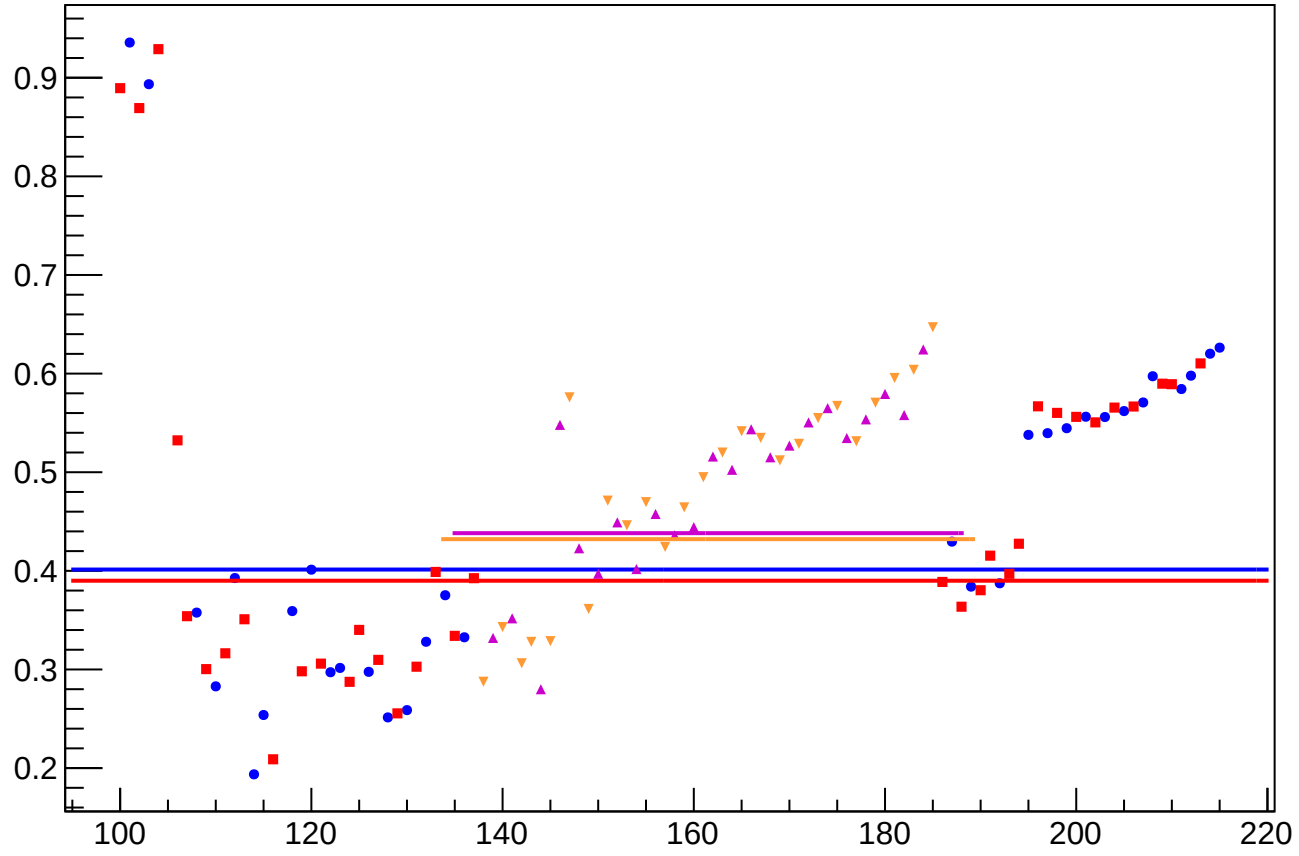
Left In: 148.307+/-0.000 χ^2/NDF:333585558.2/22

+ sign 146.618+/-0.000 χ^2/NDF: 4387986170.5/56

All: 146.067+/-0.000 χ^2/NDF: 13464123410.

- sign 145.517+/-0.000 χ^2/NDF: 8965634297.9/56

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

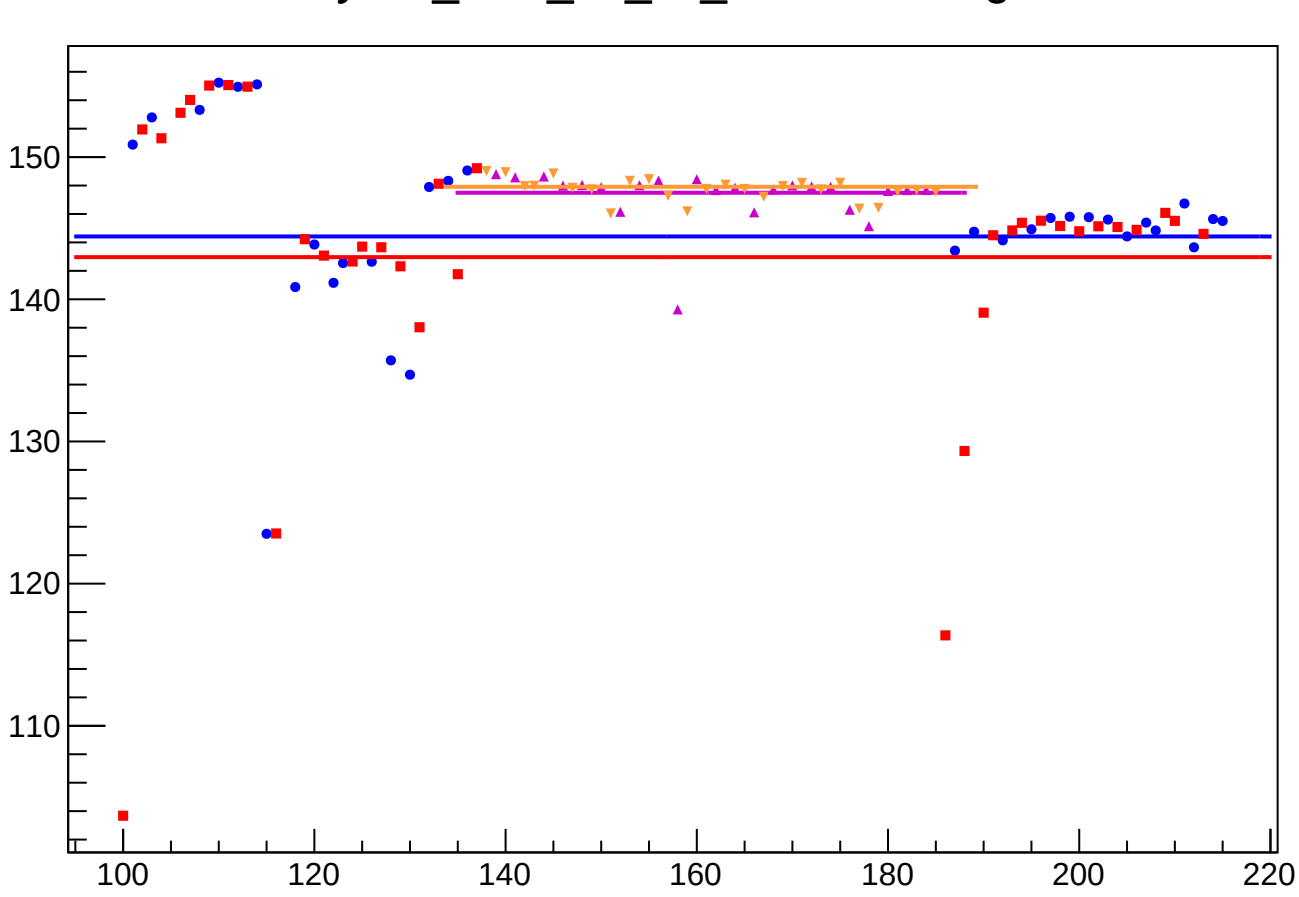
Right Out: 0.390+/-0.000 χ^2/NDF: 3087559.4/33

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: 10457682.0/113

- sign 0.412+/-0.000 χ^2/NDF: 4820267.2/56



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: 142.964+/-0.000 χ^2/NDF: 7824921810.3/33

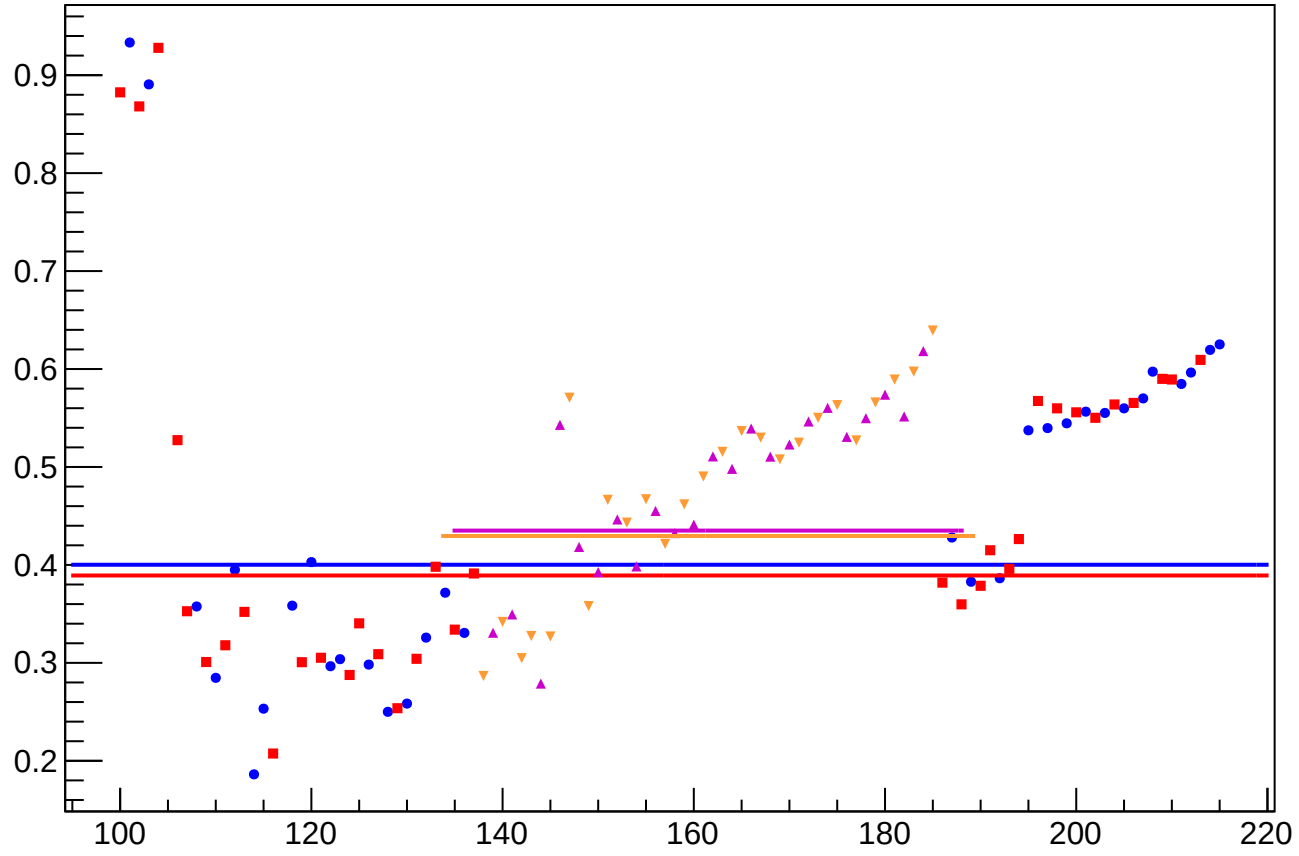
Left In: 147.493+/-0.000 χ^2/NDF:343978473.2/22

+ sign 146.168+/-0.000 χ^2/NDF: 4338917805.2/56

All: 145.624+/-0.000 χ^2/NDF: 13555706940.

- sign 145.080+/-0.000 χ^2/NDF: 9107850771.2/56

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: 0.389+/-0.000 χ^2/NDF: 3090686.0/33

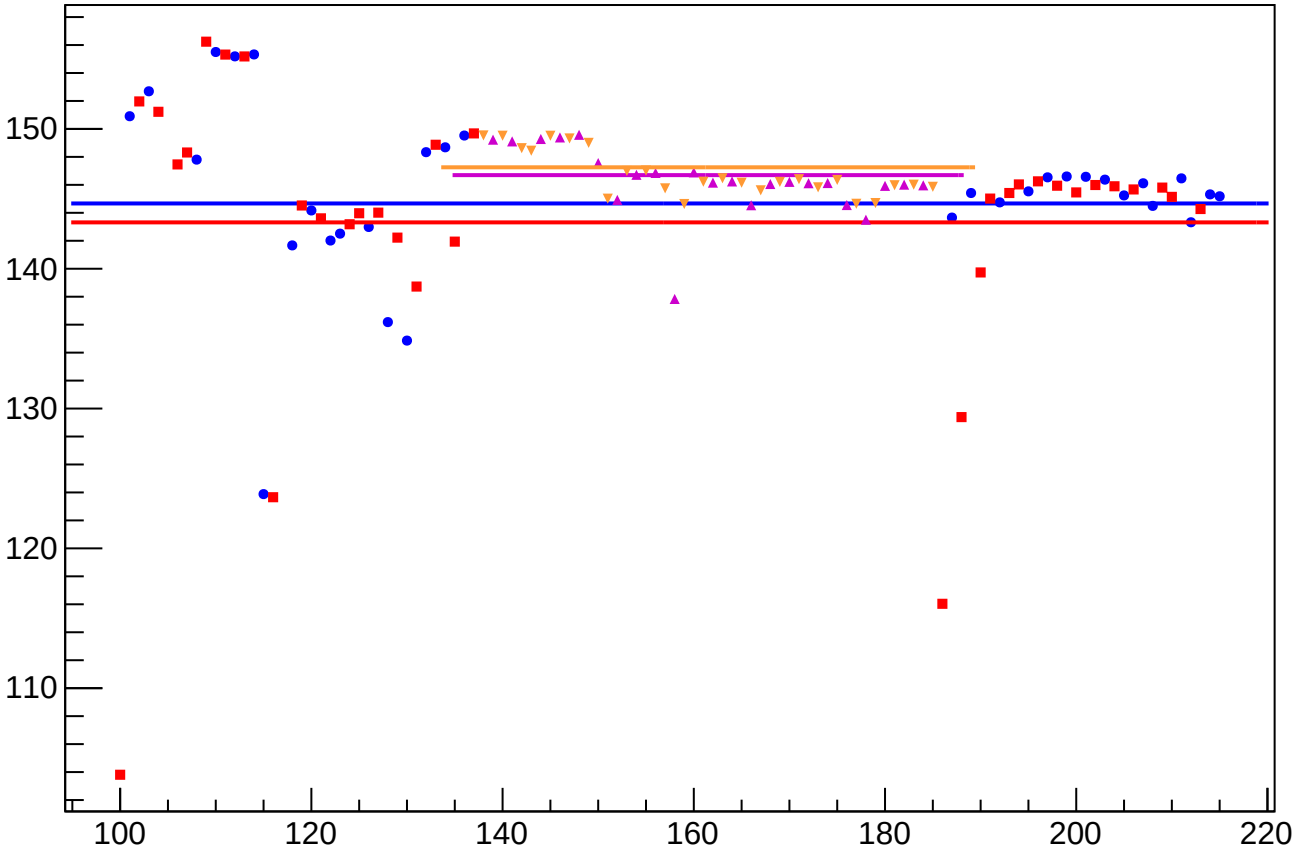
Left In: 0.435+/-0.000 χ^2/NDF:1502712.5/22

+ sign 0.415+/-0.000 χ^2/NDF: 5624052.2/56

All: 0.413+/-0.000 χ^2/NDF: 10413261.0/113

- sign 0.411+/-0.000 χ^2/NDF: 4785868.0/56

yield_bcm_dg_us_mean vs Slug



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: 143.315+/-0.000 χ^2/NDF: 7143560390.2/33

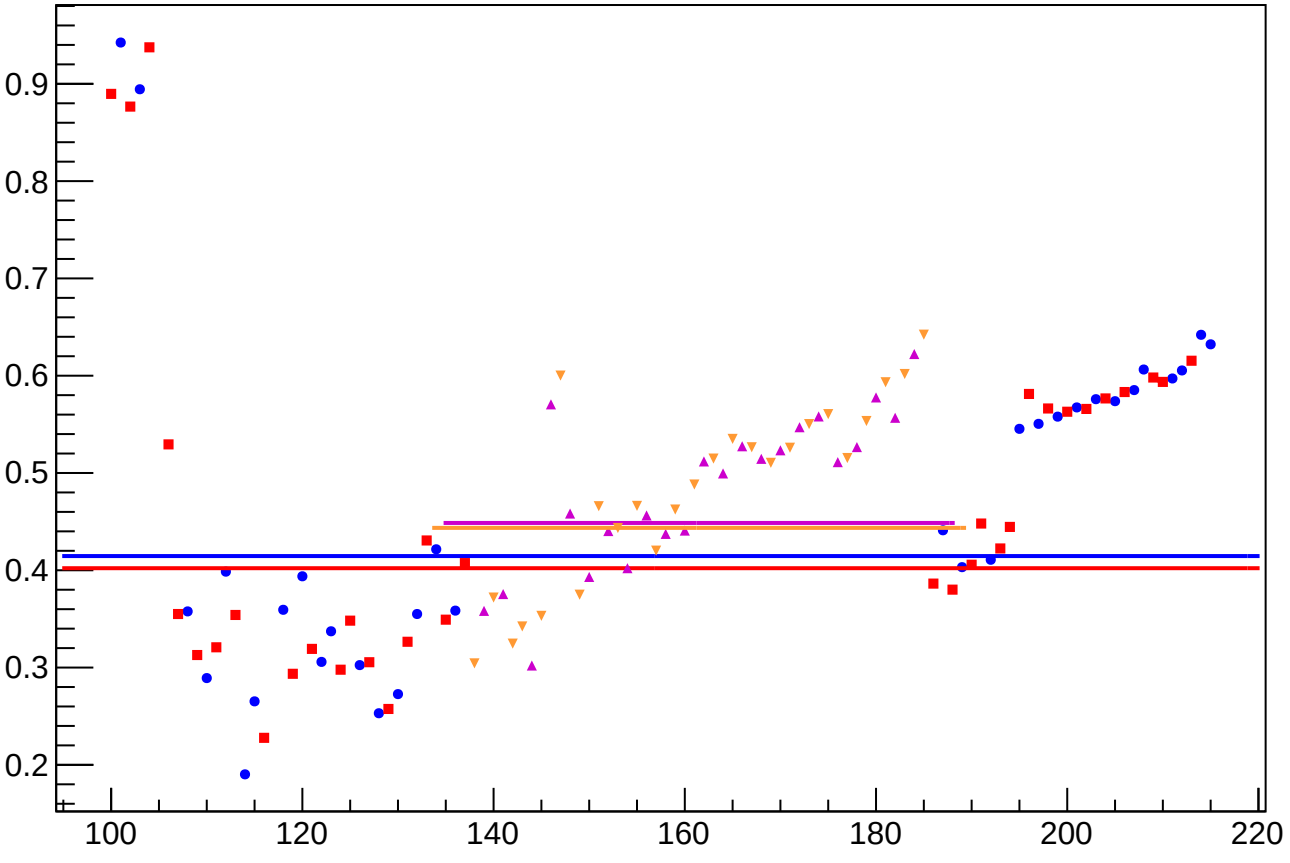
Left In: 146.695+/-0.000 χ^2/NDF:557896803.1/22

+ sign 145.974+/-0.000 χ^2/NDF: 3784163970.6/56

All: 145.439+/-0.000 χ^2/NDF: 12077888879.

- sign 144.906+/-0.000 χ^2/NDF: 8195023908.5/56

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

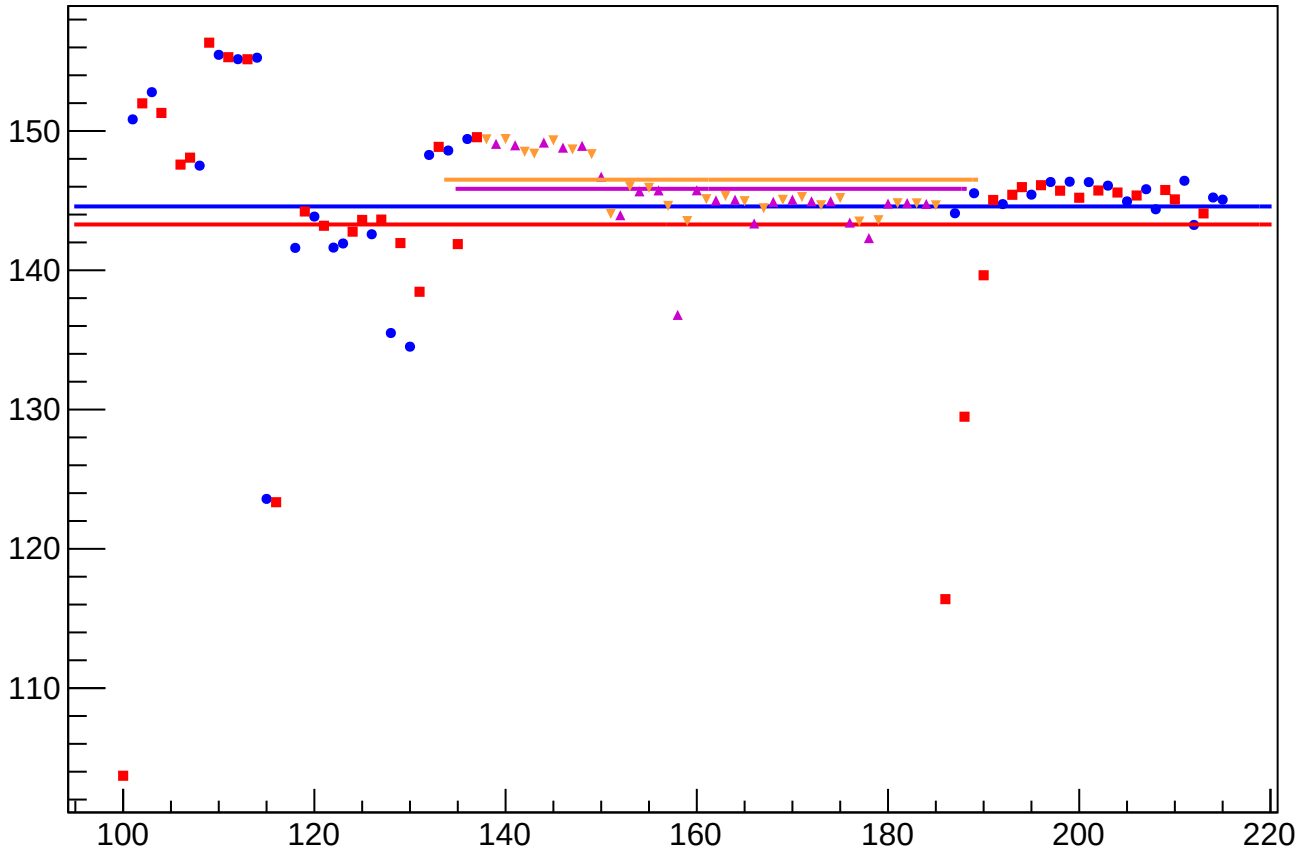
Right Out: 0.402+/-0.000 χ^2/NDF: 2986554.9/33

Left In: 0.449+/-0.000 χ^2/NDF:1132620.8/22

+ sign 0.429+/-0.000 χ^2/NDF: 5083201.5/56

All: 0.427+/-0.000 χ^2/NDF: 9394026.9/113

- sign 0.424+/-0.000 χ^2/NDF: 4306113.0/56



Right In: 144.583+/-0.000 χ^2/NDF: 3343499335.4/31

Left Out: 146.505+/-0.000 χ^2/NDF:401688176.3/24

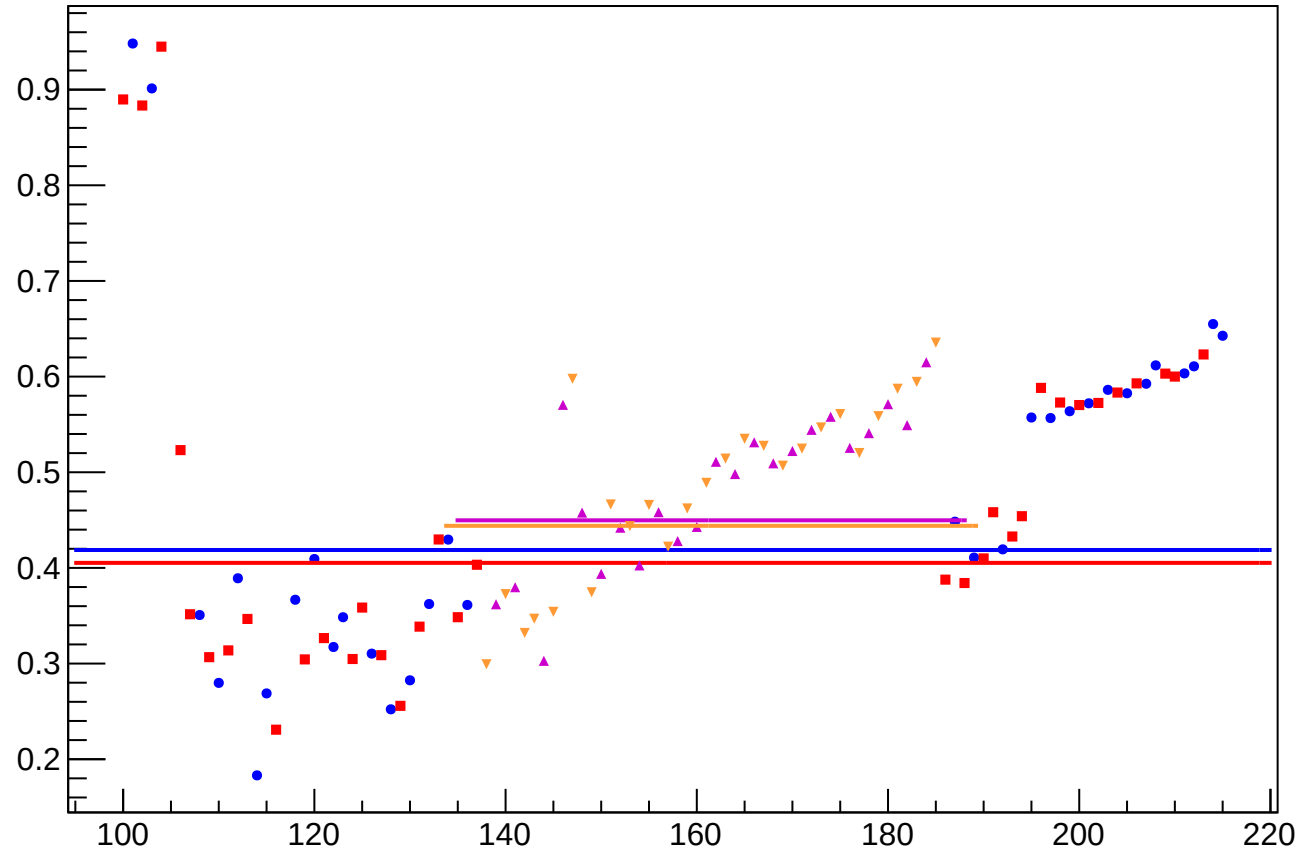
Right Out: 143.288+/-0.000 χ^2/NDF: 7095918472.1/33

Left In: 145.847+/-0.000 χ^2/NDF:694764545.6/22

+ sign 145.564+/-0.000 χ^2/NDF: 3902384058.5/56

All: 145.031+/-0.000 χ^2/NDF: 12068973090.

- sign 144.501+/-0.000 χ^2/NDF: 8070175148.1/56



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: 0.405+/-0.000 χ^2/NDF: 3022536.2/33

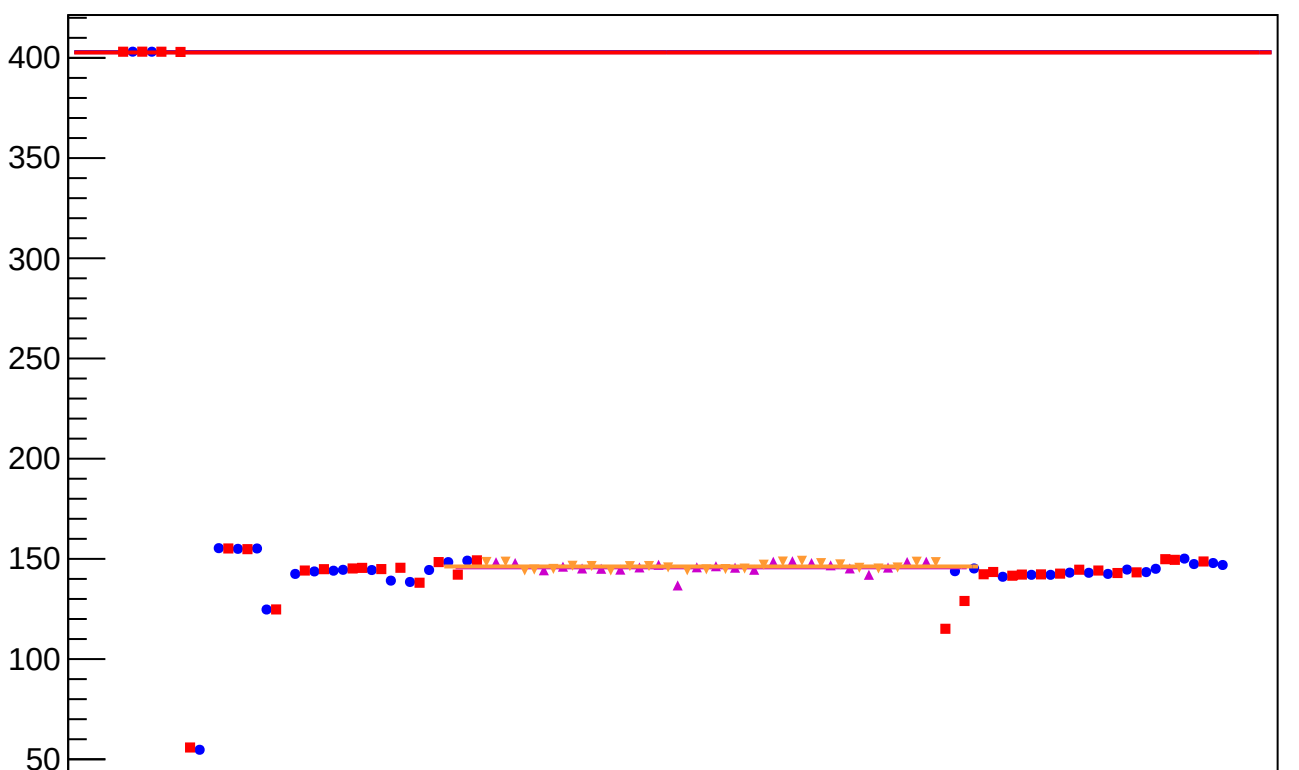
Left In: 0.450+/-0.000 χ^2/NDF:1105405.0/22

+ sign 0.432+/-0.000 χ^2/NDF: 5102147.4/56

All: 0.429+/-0.000 χ^2/NDF: 9403939.3/113

- sign 0.426+/-0.000 χ^2/NDF: 4297068.9/56

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: 402.694+/-0.000 χ^2/NDF: 4064213651422.7/33

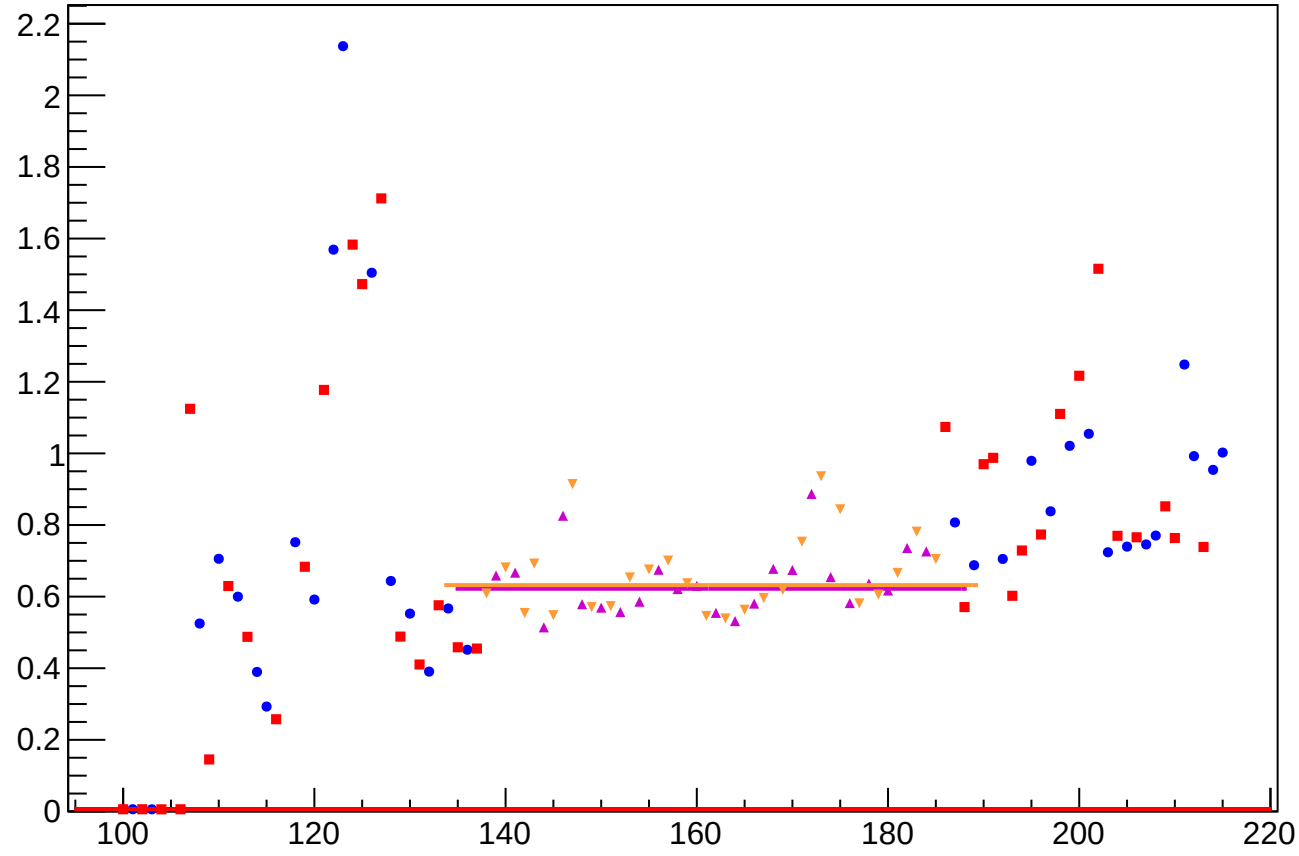
Left In: 145.773+/-0.000 χ^2/NDF:207332354.9/22

+ sign 402.564+/-0.000 χ^2/NDF: 4251662727651.8

All: 402.496+/-0.000 χ^2/NDF: 10661688388

- sign 402.436+/-0.000 χ^2/NDF: 6409754550195.2/

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: 26266291.7/33

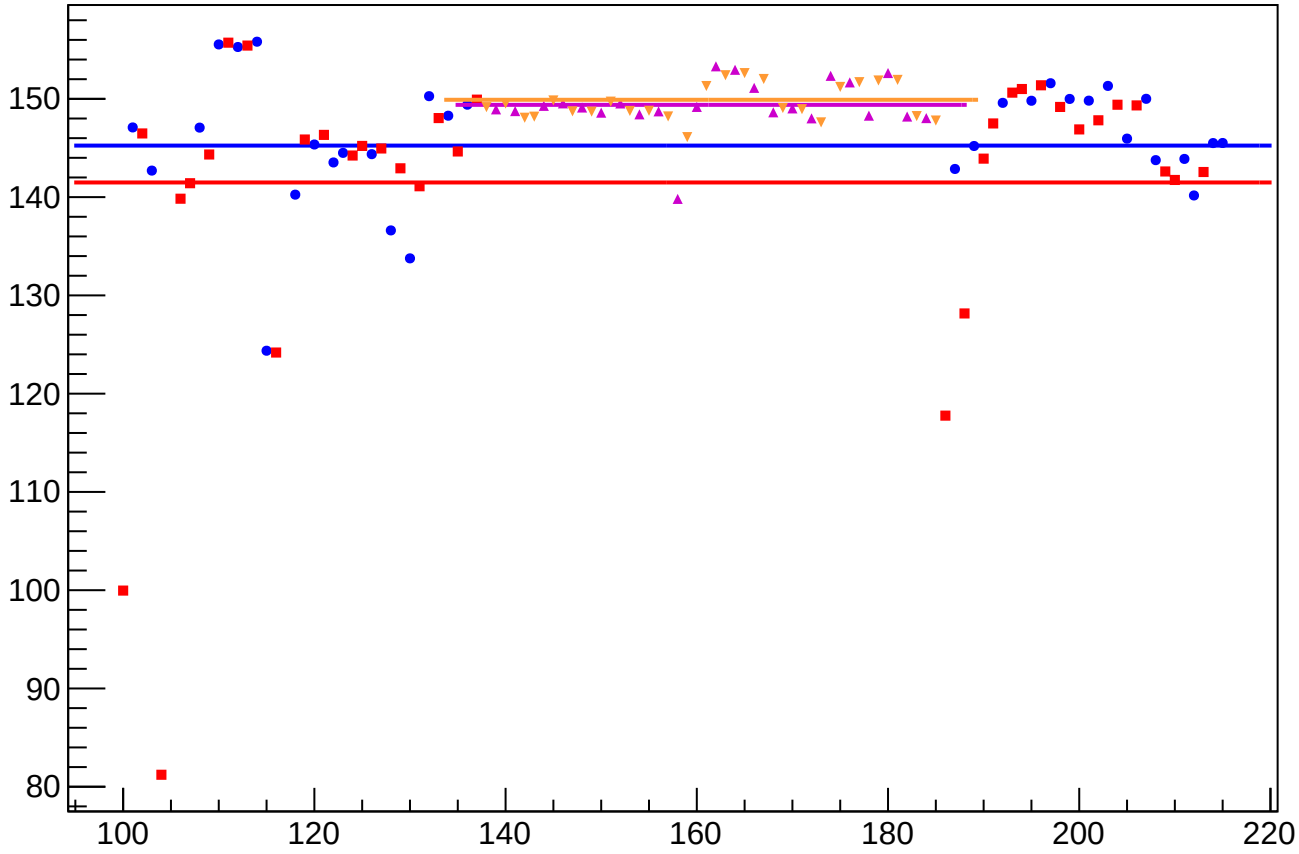
Left In: 0.622+/-0.000 χ^2/NDF:404479.0/22

+ sign 0.007+/-0.000 χ^2/NDF: 54580080.4/56

All: 0.007+/-0.000 χ^2/NDF: 108155564.8/113

- sign 0.007+/-0.000 χ^2/NDF: 53574976.8/56

yield_cav4cQ_mean vs Slug



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: 141.491+/-0.000 χ^2/NDF: 3251497861.1/33

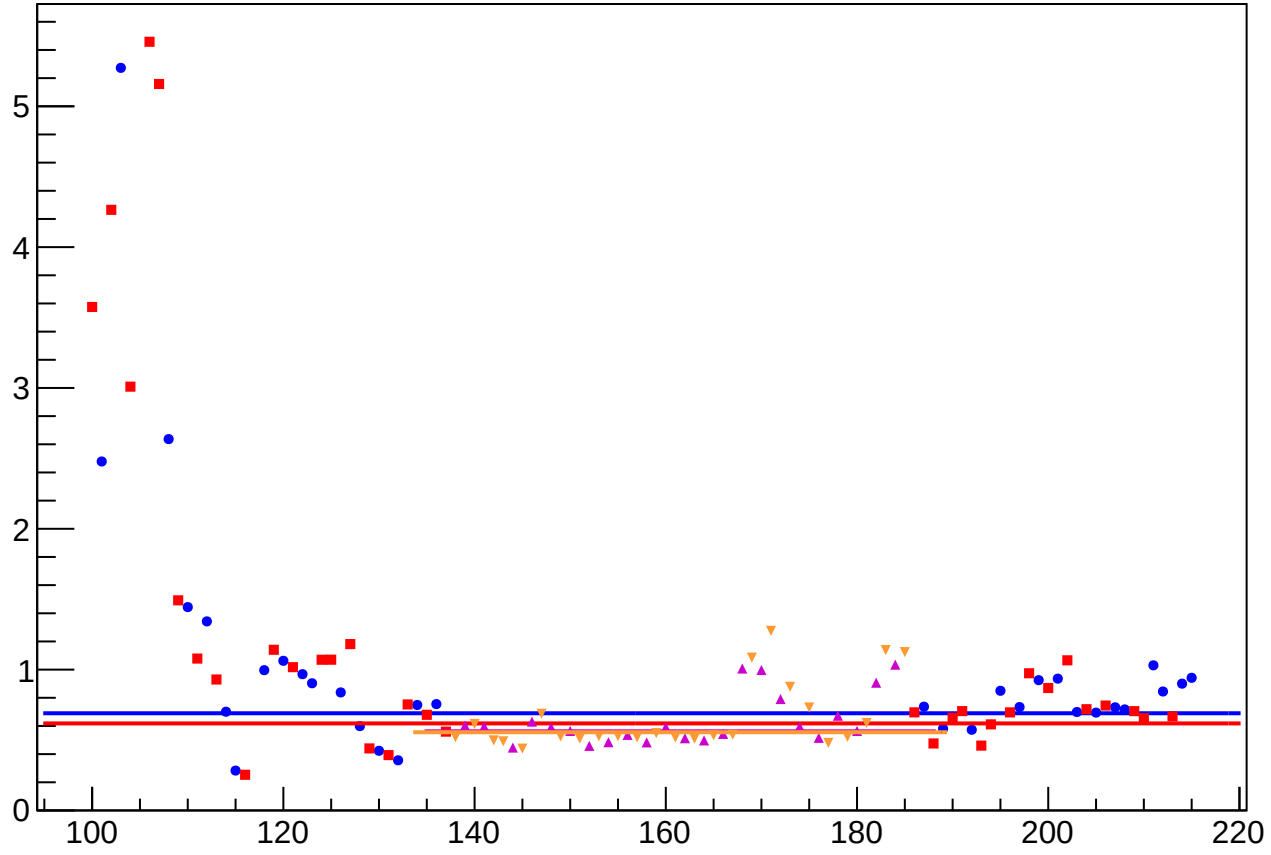
Left In: 149.391+/-0.000 χ^2/NDF:437129920.4/22

+ sign 148.357+/-0.000 χ^2/NDF: 1891460870.1/56

All: 147.304+/-0.000 χ^2/NDF: 6915636031.9

- sign 146.282+/-0.000 χ^2/NDF: 4857623642.0/56

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: 0.618+/-0.000 χ^2/NDF: 5583135.3/33

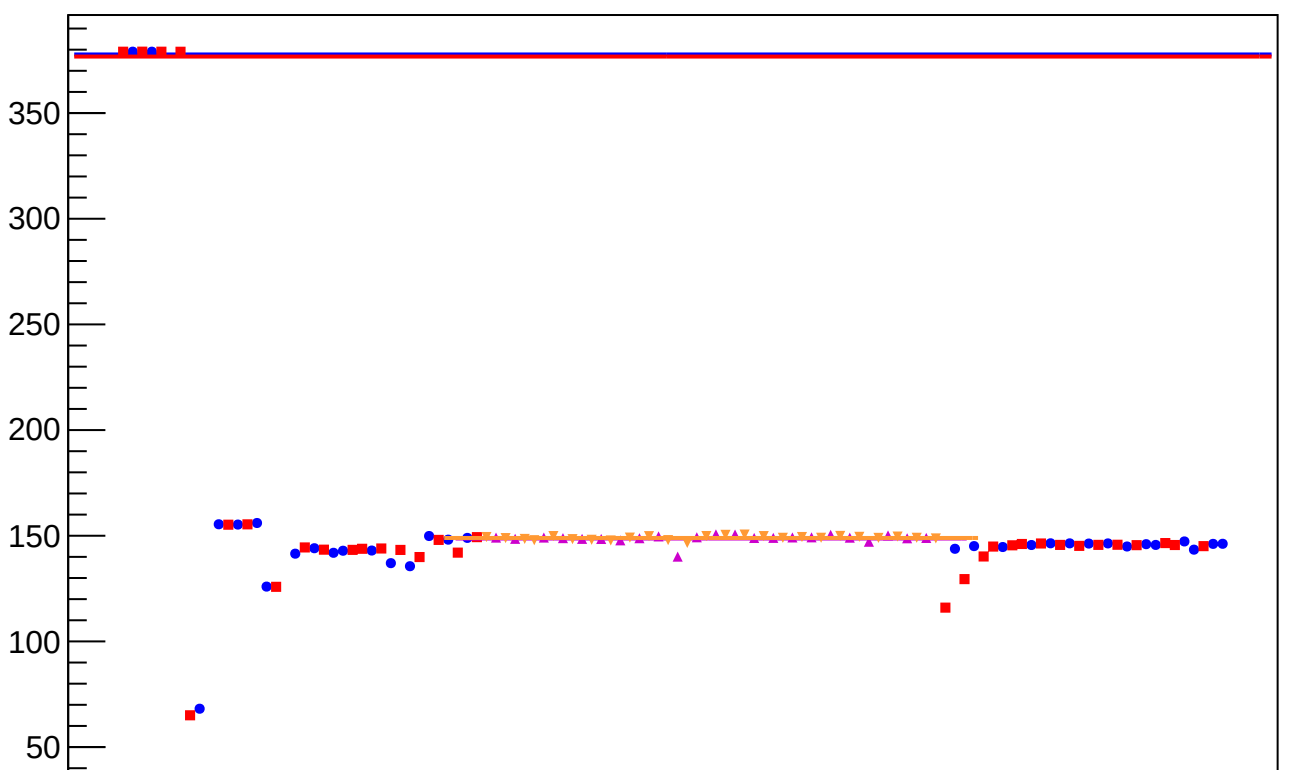
Left In: 0.562+/-0.000 χ^2/NDF:1311075.2/22

+ sign 0.600+/-0.000 χ^2/NDF: 6731596.8/56

All: 0.592+/-0.000 χ^2/NDF: 13763336.0/113

- sign 0.584+/-0.000 χ^2/NDF: 7011718.4/56

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: 376.740+/-0.000 χ^2/NDF: 10248591637419.9/33

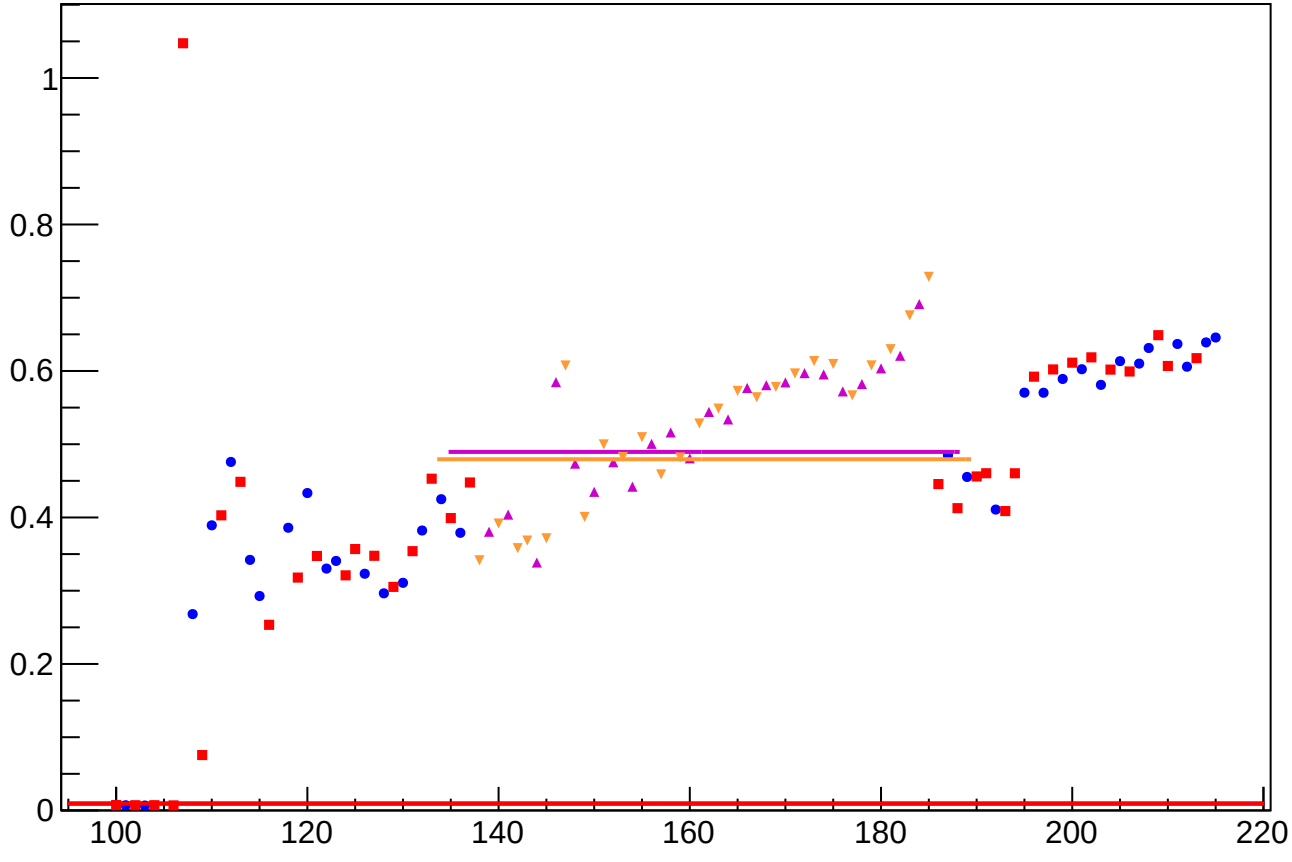
Left In: 148.683+/-0.000 χ^2/NDF:253848207.3/22

+ sign 376.456+/-0.000 χ^2/NDF: 8110383004151.5

All: 376.060+/-0.000 χ^2/NDF: 219309642193

- sign 375.711+/-0.000 χ^2/NDF: 13816619753887.8

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

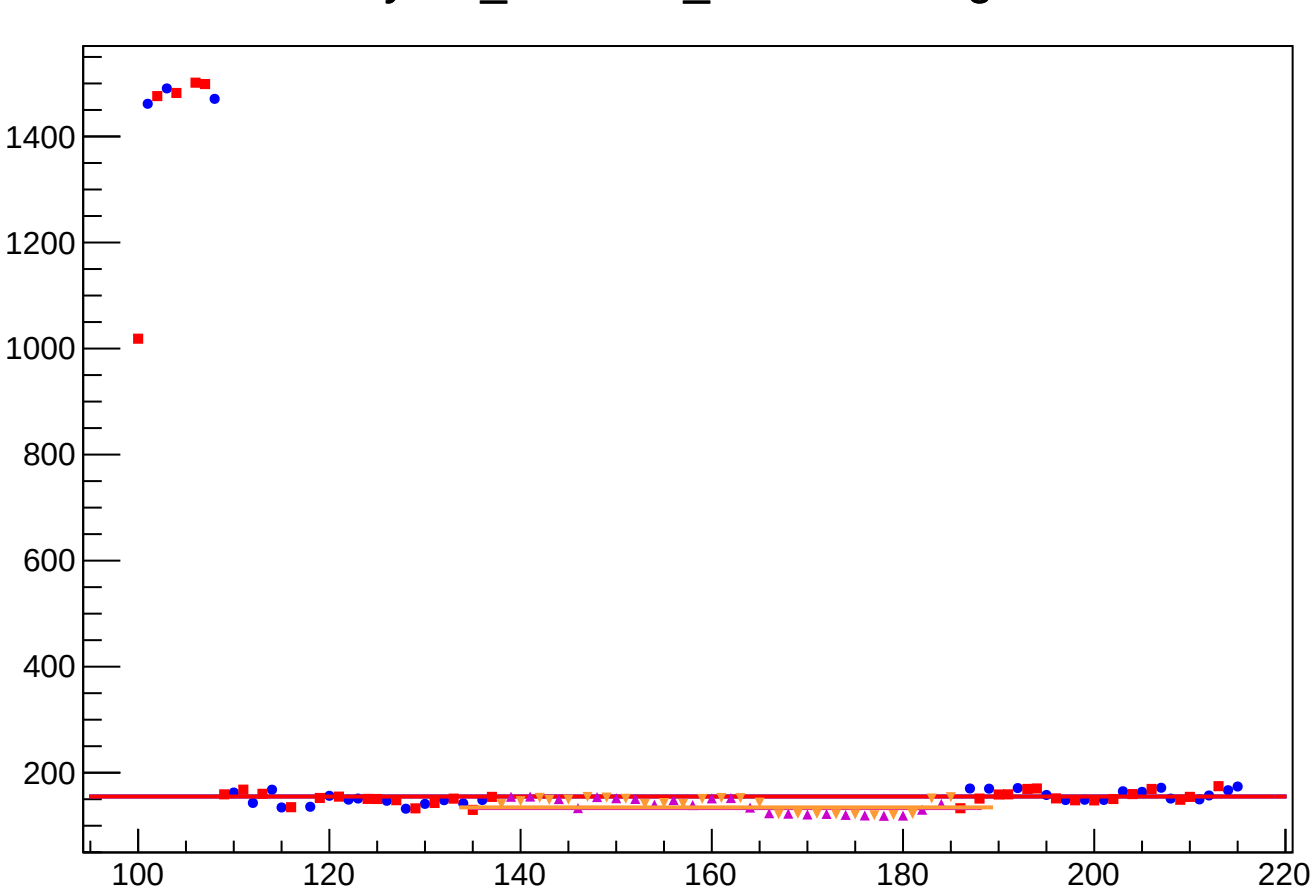
Right Out: 0.009+/-0.000 χ^2/NDF: 28673144.5/33

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: 125576777.5/113

- sign 0.012+/-0.000 χ^2/NDF: 61397311.7/56



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: 155.079+/-0.000 χ^2/NDF: 35198863848.3/33

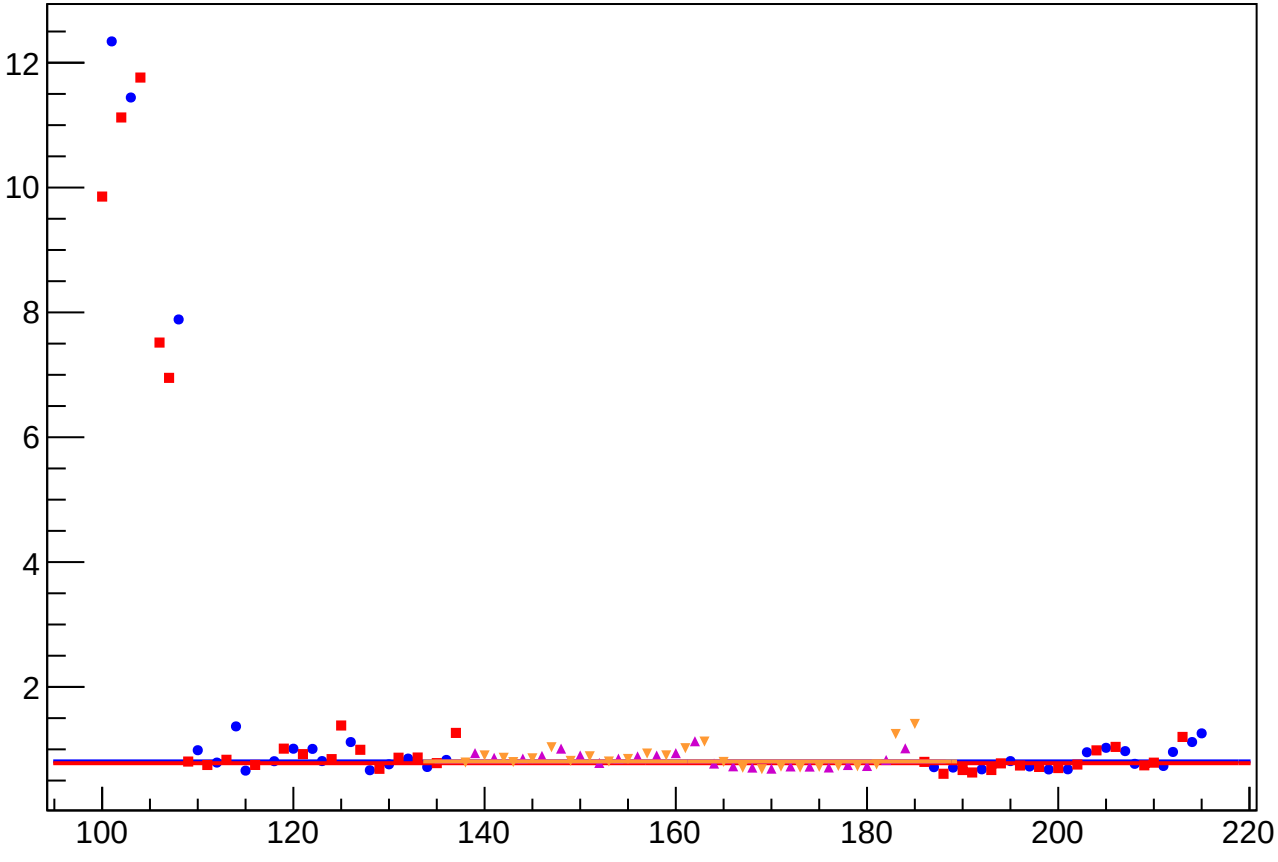
Left In: 133.309+/-0.000 χ^2/NDF:4353039408.6/22

+ sign 143.895+/-0.000 χ^2/NDF: 35105509402.0/56

All: 143.792+/-0.000 χ^2/NDF: 79844221589.

- sign 143.690+/-0.000 χ^2/NDF: 44737799496.2/56

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

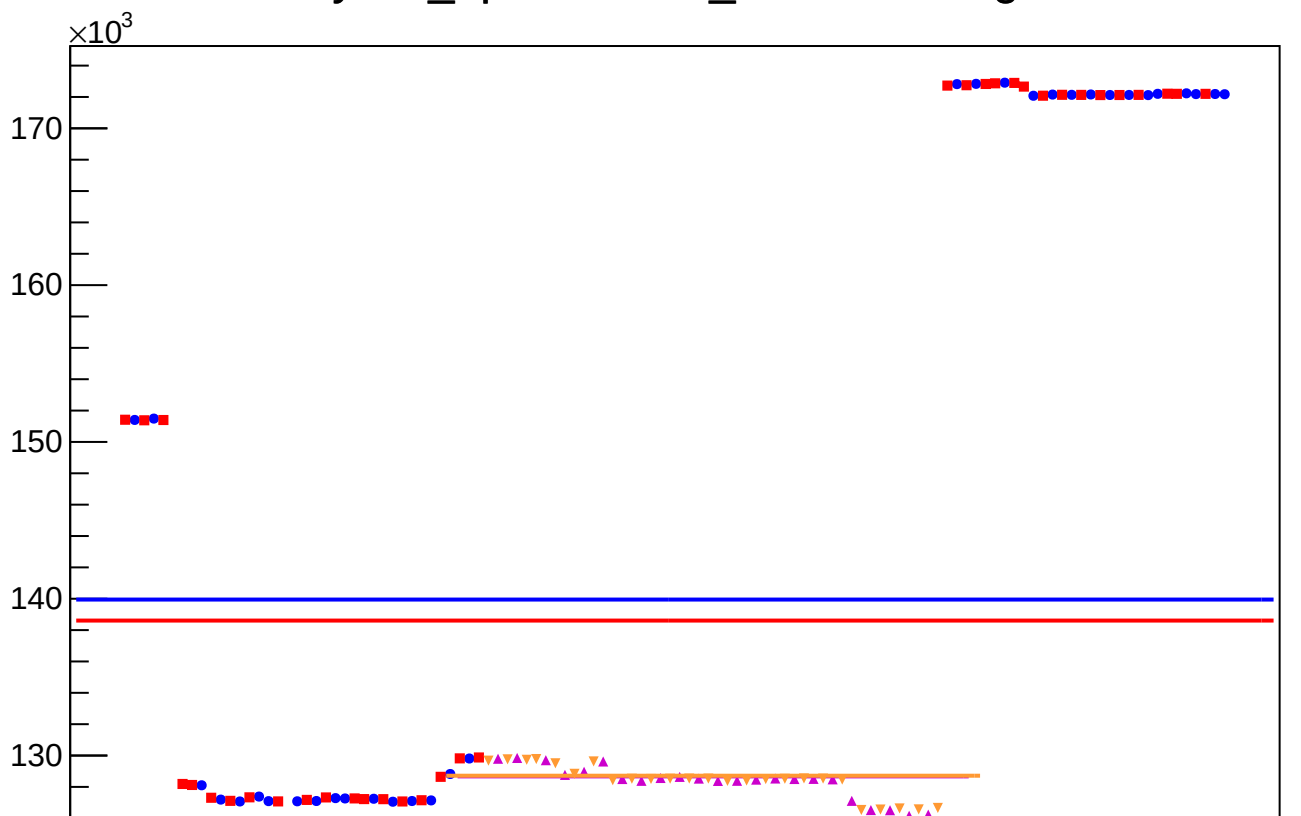
Right Out: 0.778+/-0.000 χ^2/NDF: 3447635.1/33

Left In: 0.805+/-0.000 χ^2/NDF:479689.4/22

+ sign 0.807+/-0.000 χ^2/NDF: 4010052.9/56

All: 0.799+/-0.000 χ^2/NDF: 7962745.4/113

- sign 0.792+/-0.000 χ^2/NDF: 3942886.2/56



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: 138608.247+/-0.044 χ^2/NDF: 190821532311.4/33

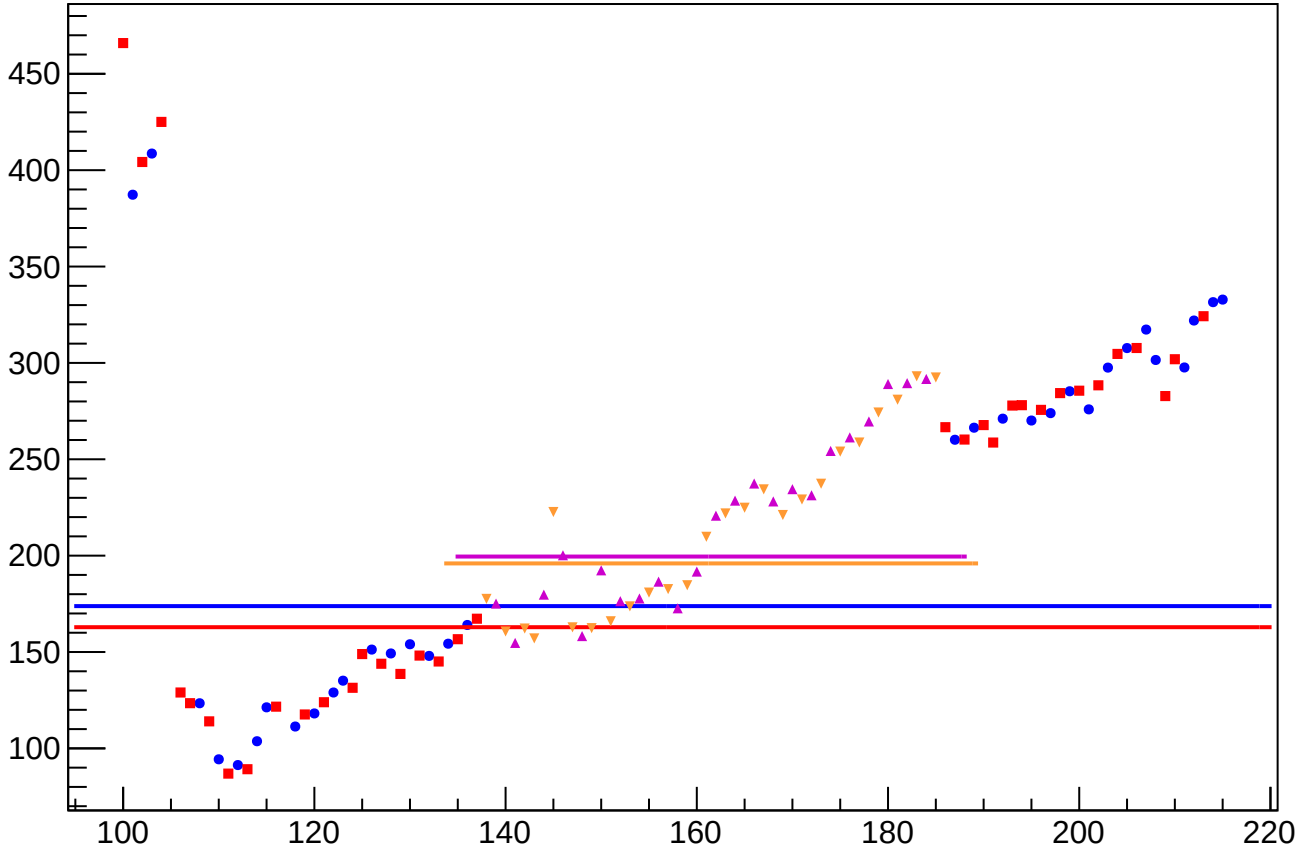
Left In: 128670.094+/-0.049 χ^2/NDF:334875494.0/22

+ sign 134325.442+/-0.033 χ^2/NDF: 21037219075

All: 134244.157+/-0.023 χ^2/NDF: 42443841

- sign 134164.584+/-0.033 χ^2/NDF: 21405422445

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: 162.876+/-0.031 χ^2/NDF: 6449188.1/33

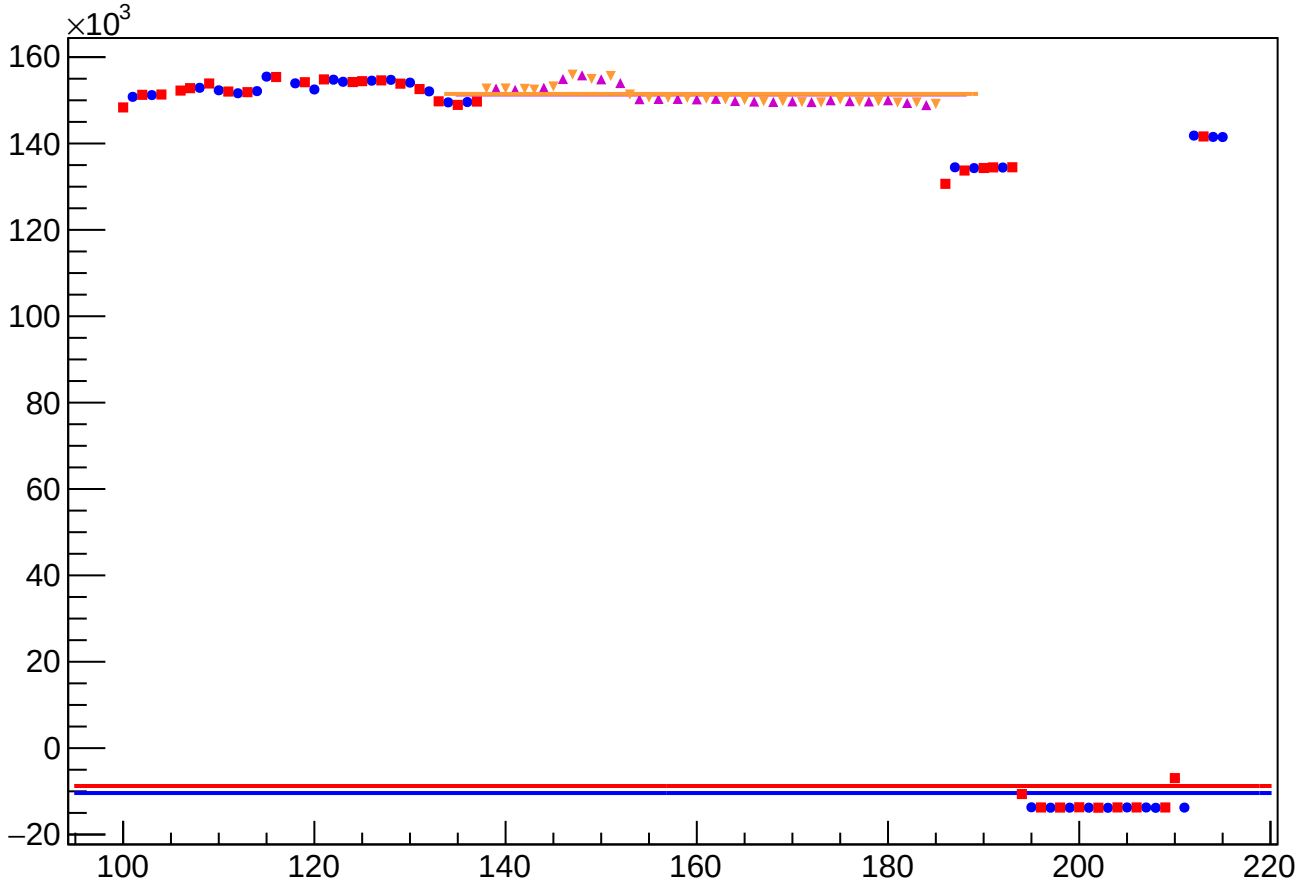
Left In: 199.531+/-0.035 χ^2/NDF:1175342.5/22

+ sign 184.901+/-0.023 χ^2/NDF: 7928164.5/56

All: 182.053+/-0.016 χ^2/NDF: 16205161.9/11

- sign 179.266+/-0.023 χ^2/NDF: 8247535.0/56

yield_bpm0i07WS_mean vs Slug



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: -8765.648+/-0.010 χ^2/NDF: 7346482330308.8/33

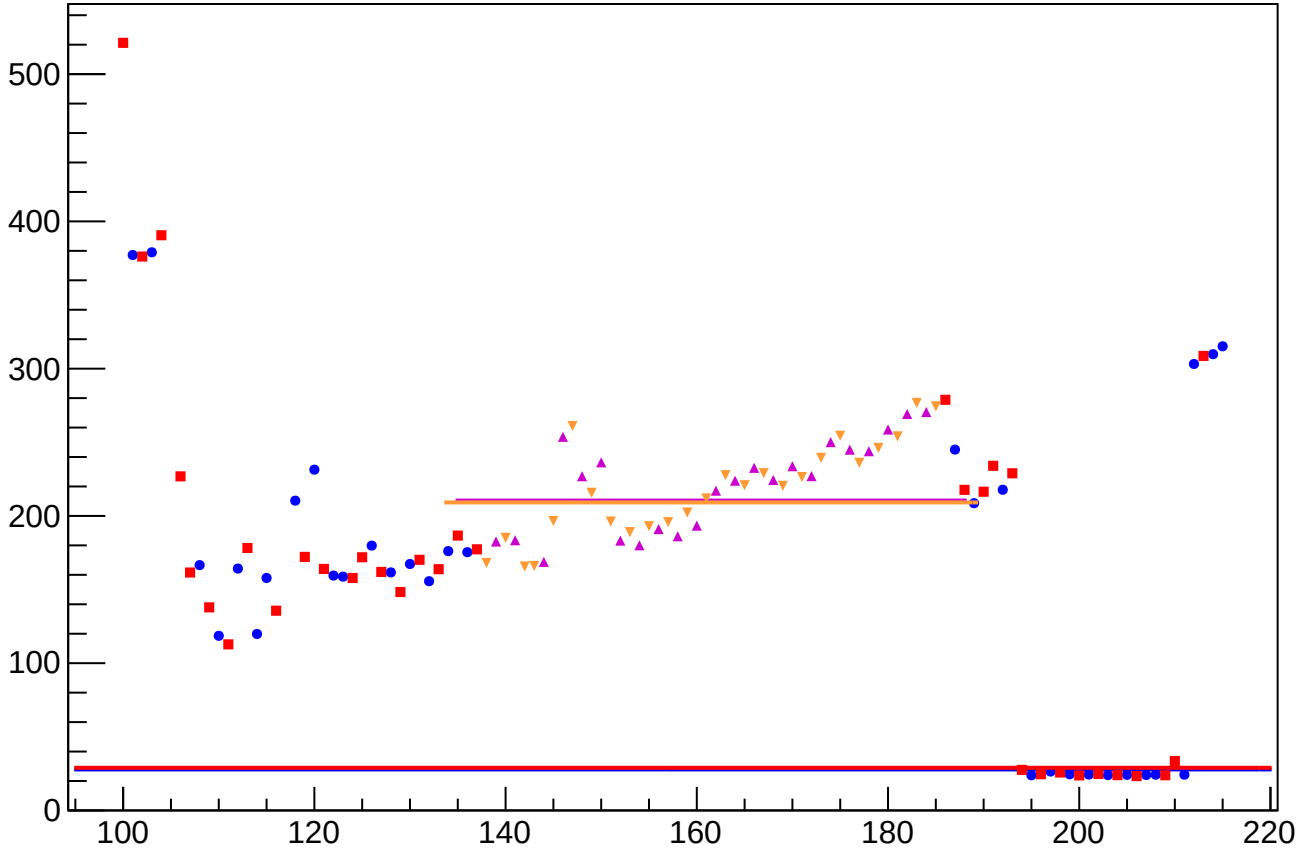
Left In: 151362.440+/-0.051 χ^2/NDF:1426782789.9/22

+ sign -4995.841+/-0.009 χ^2/NDF: 1673658941325

All: -4006.223+/-0.007 χ^2/NDF: 335206837

- sign -2826.190+/-0.010 χ^2/NDF: 1675778747079

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

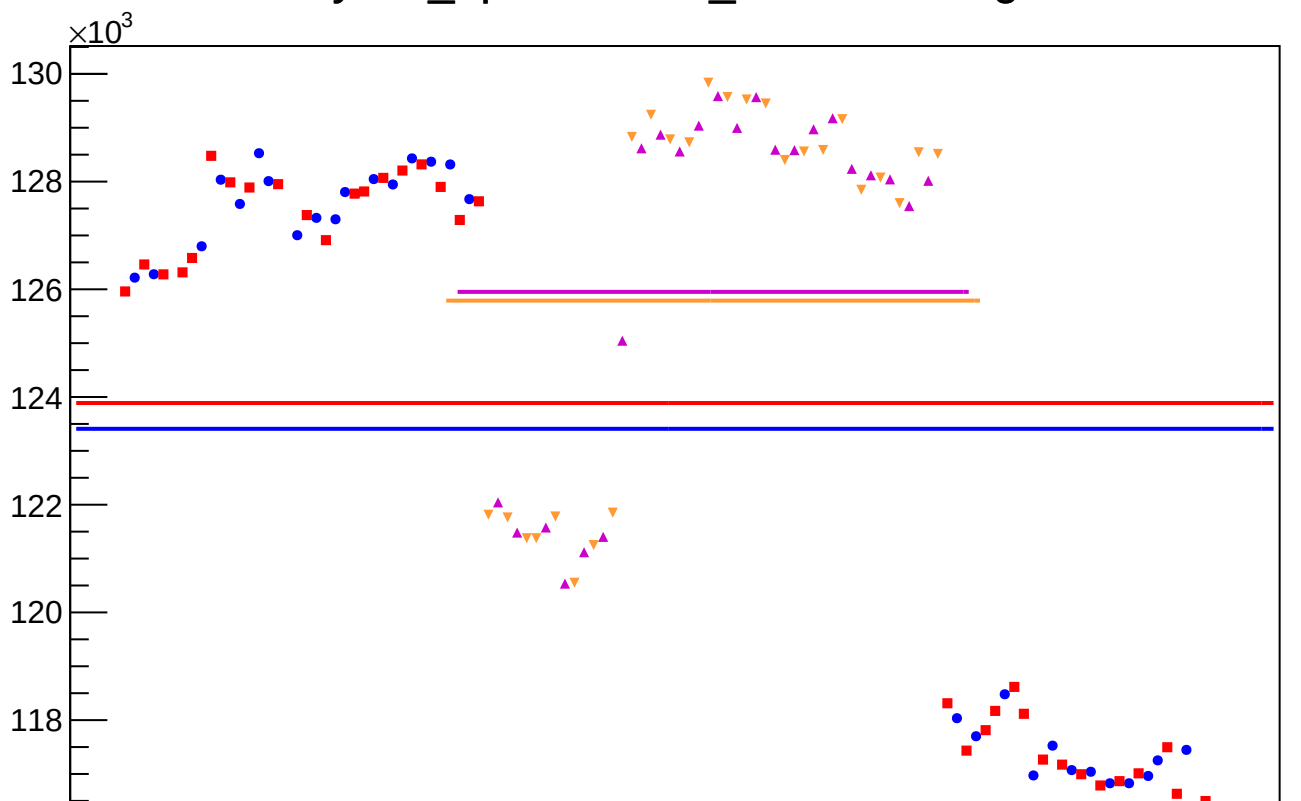
Right Out: 28.978+/-0.007 χ^2/NDF: 14742787.7/33

Left In: 210.431+/-0.036 χ^2/NDF:684015.0/22

+ sign 33.892+/-0.006 χ^2/NDF: 41686606.7/56

All: 34.720+/-0.005 χ^2/NDF: 81316424.8/113

- sign 35.708+/-0.007 χ^2/NDF: 39592952.8/56



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: 123888.514+/-0.043 χ^2/NDF: 13543167095.1/33

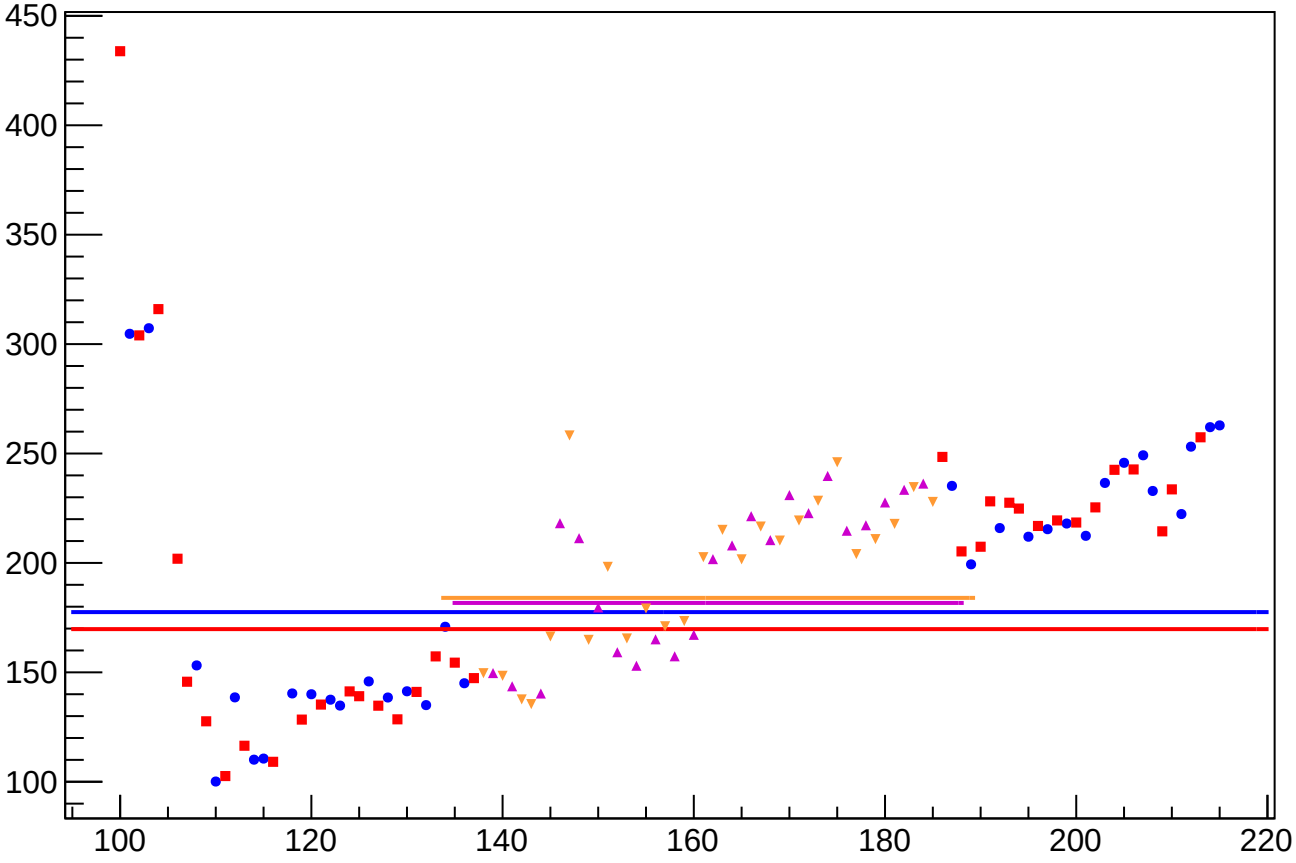
Left In: 125952.447+/-0.045 χ^2/NDF:5841800367.5/22

+ sign 124626.157+/-0.031 χ^2/NDF: 21674220773.3

All: 124758.649+/-0.022 χ^2/NDF: 42195442

- sign 124888.254+/-0.031 χ^2/NDF: 20486065515.6

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: 169.752+/-0.031 χ^2/NDF: 2985073.5/33

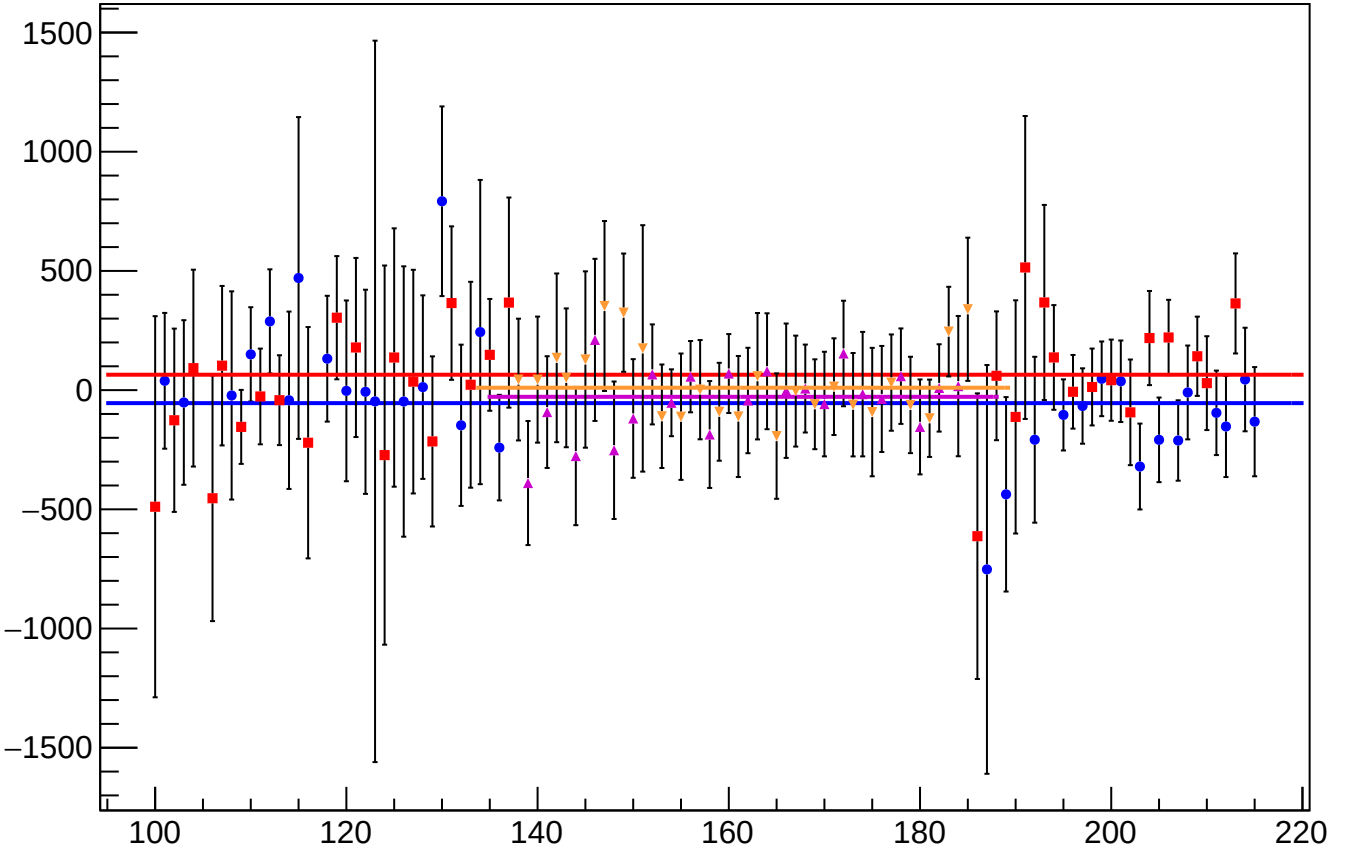
Left In: 181.714+/-0.032 χ^2/NDF:1116142.0/22

+ sign 180.851+/-0.022 χ^2/NDF: 3908171.3/56

All: 178.170+/-0.016 χ^2/NDF: 8112166.4/113

- sign 175.546+/-0.022 χ^2/NDF: 4175188.0/56

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: 64.601+/-43.075 χ^2/NDF: 15.1/33

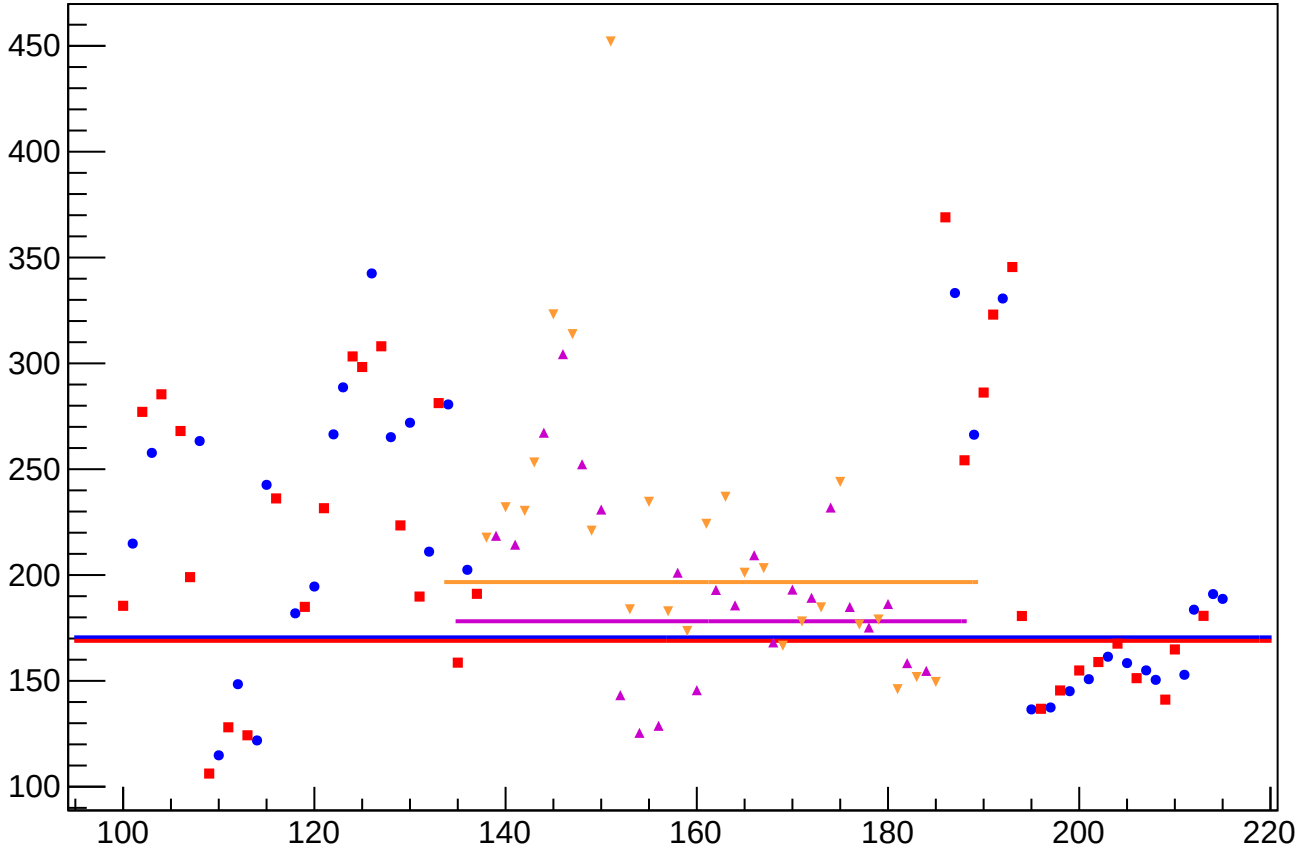
Left In: -28.050+/-44.573 χ^2/NDF:7.0/22

+ sign -25.703+/-31.720 χ^2/NDF: 26.8/56

All: -2.380+/-22.161 χ^2/NDF: 52.2/113

- sign 19.858+/-30.975 χ^2/NDF: 24.3/56

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: 168.923+/-0.030 χ^2/NDF: 2846104.4/33

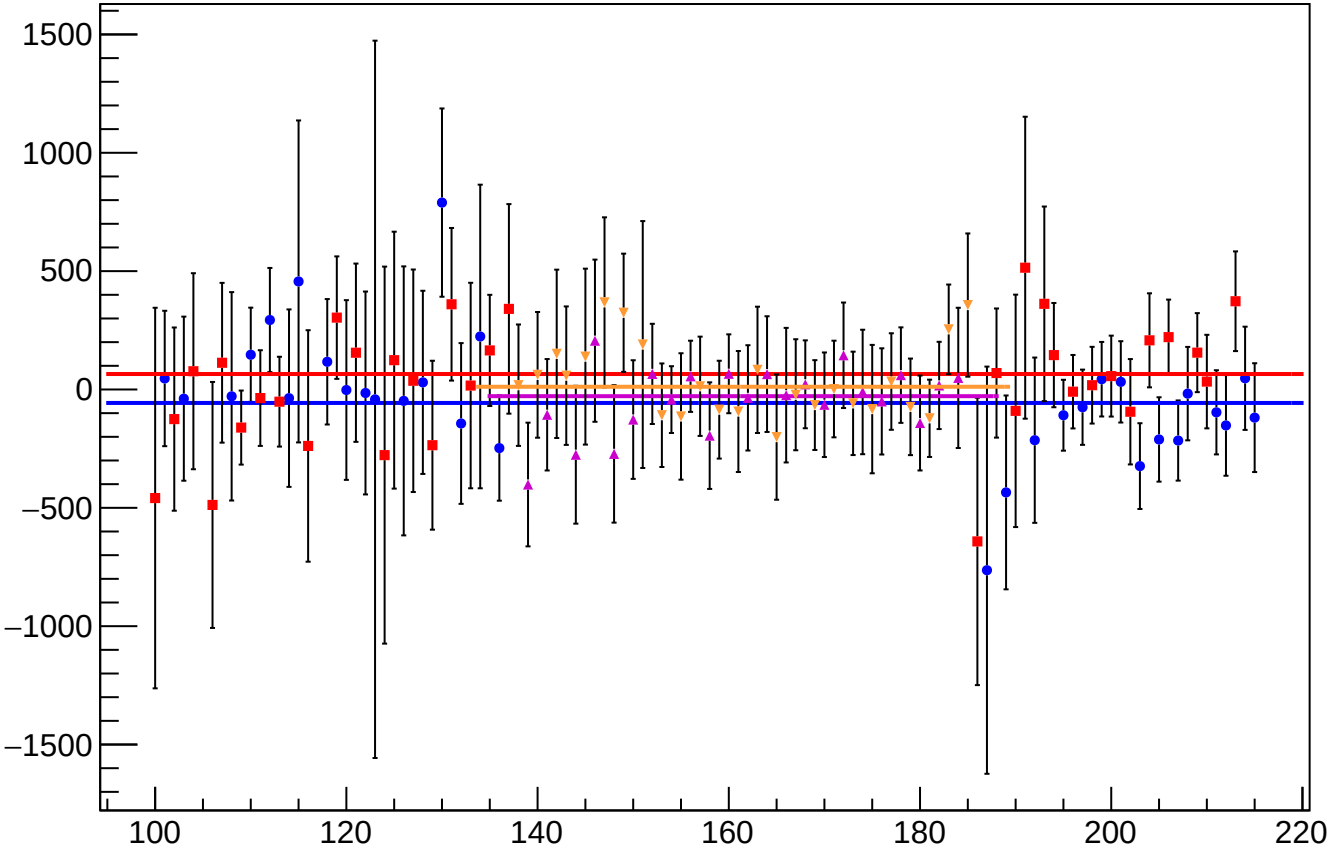
Left In: 178.166+/-0.032 χ^2/NDF:1618967.9/22

+ sign 182.212+/-0.022 χ^2/NDF: 4296438.2/56

All: 177.694+/-0.016 χ^2/NDF: 8885228.0/113

- sign 173.387+/-0.022 χ^2/NDF: 4509535.6/56

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: 65.342+/-43.285 χ^2/NDF: 15.5/33

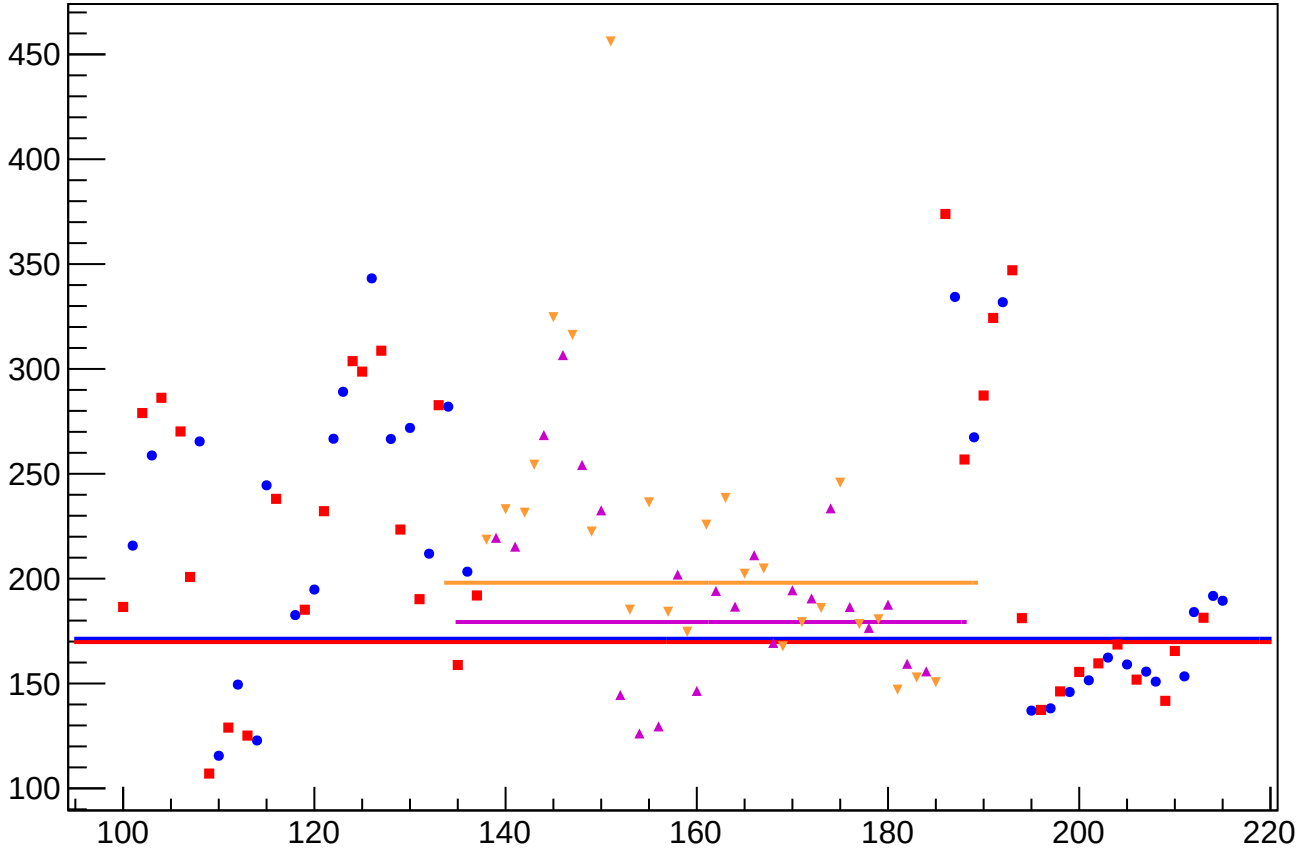
Left In: -28.280+/-44.863 χ^2/NDF:7.1/22

+ sign -26.457+/-31.898 χ^2/NDF: 27.2/56

All: -2.571+/-22.286 χ^2/NDF: 53.2/113

- sign 20.207+/-31.150 χ^2/NDF: 24.9/56

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: 169.754+/-0.031 χ^2/NDF: 2841927.4/33

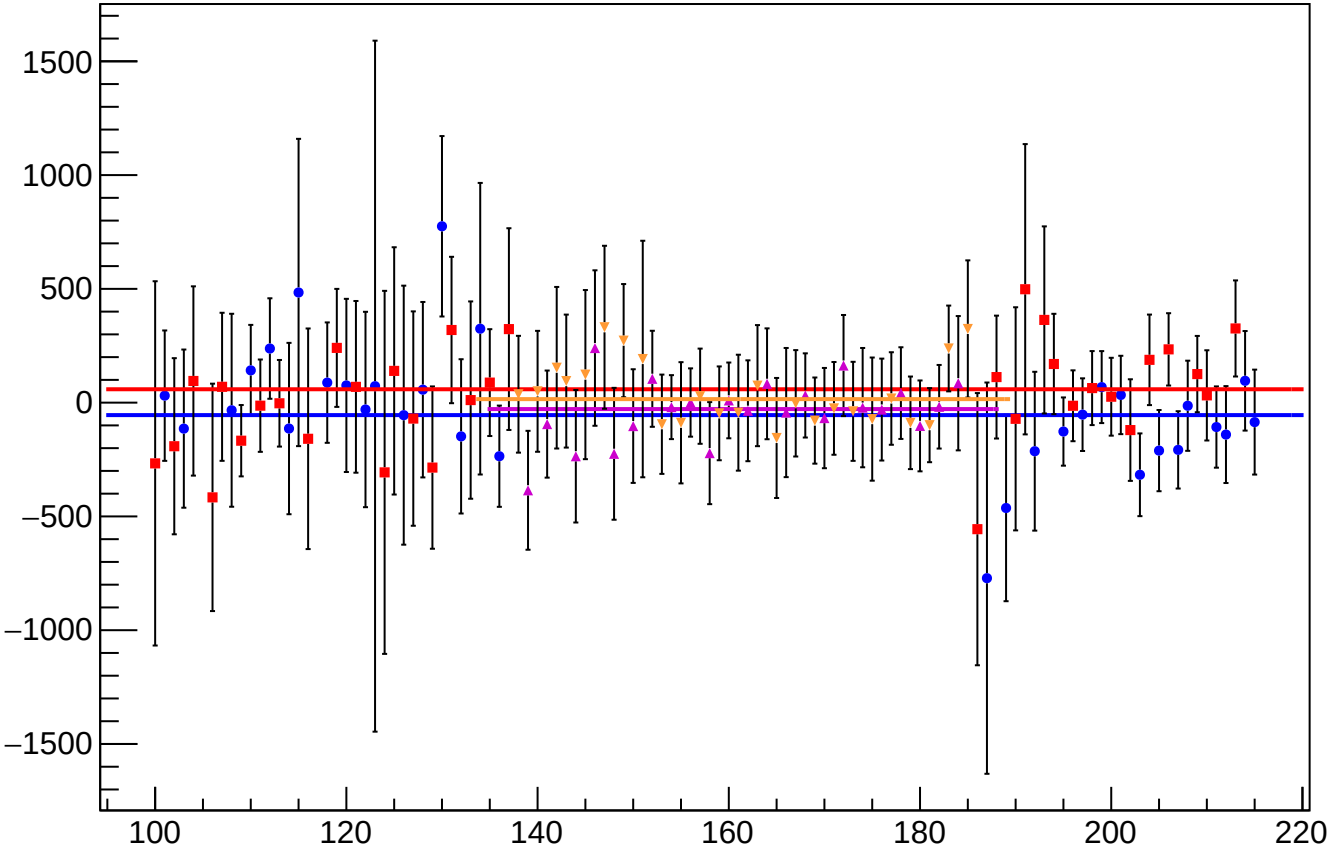
Left In: 179.324+/-0.032 χ^2/NDF:1618266.2/22

+ sign 183.231+/-0.023 χ^2/NDF: 4294592.8/56

All: 178.694+/-0.016 χ^2/NDF: 8880972.7/113

- sign 174.367+/-0.022 χ^2/NDF: 4507328.1/56

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: 58.799+/-43.315 χ^2/NDF: 13.5/33

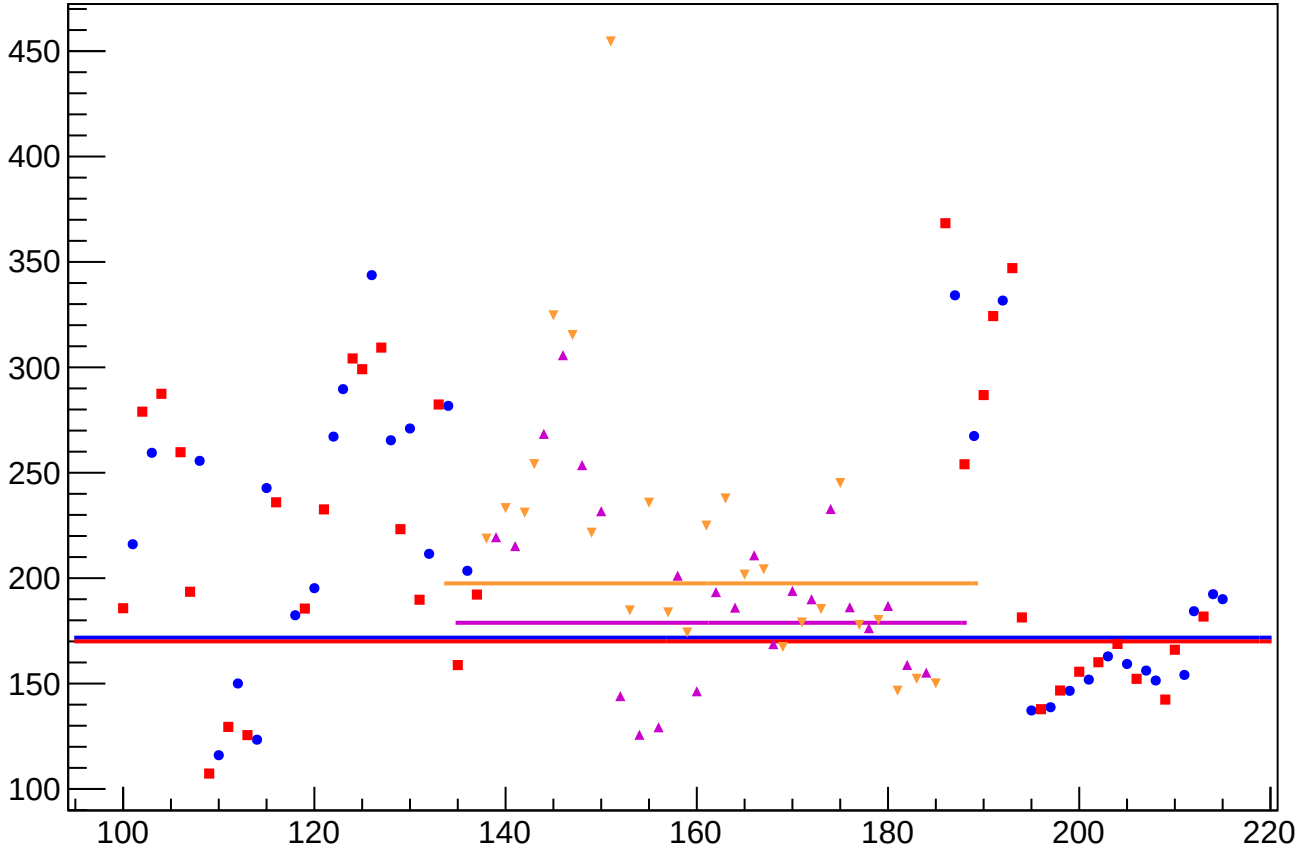
Left In: -28.277+/-44.743 χ^2/NDF:6.4/22

+ sign -23.368+/-31.897 χ^2/NDF: 25.1/56

All: -2.855+/-22.275 χ^2/NDF: 47.7/113

- sign 16.673+/-31.121 χ^2/NDF: 21.9/56

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

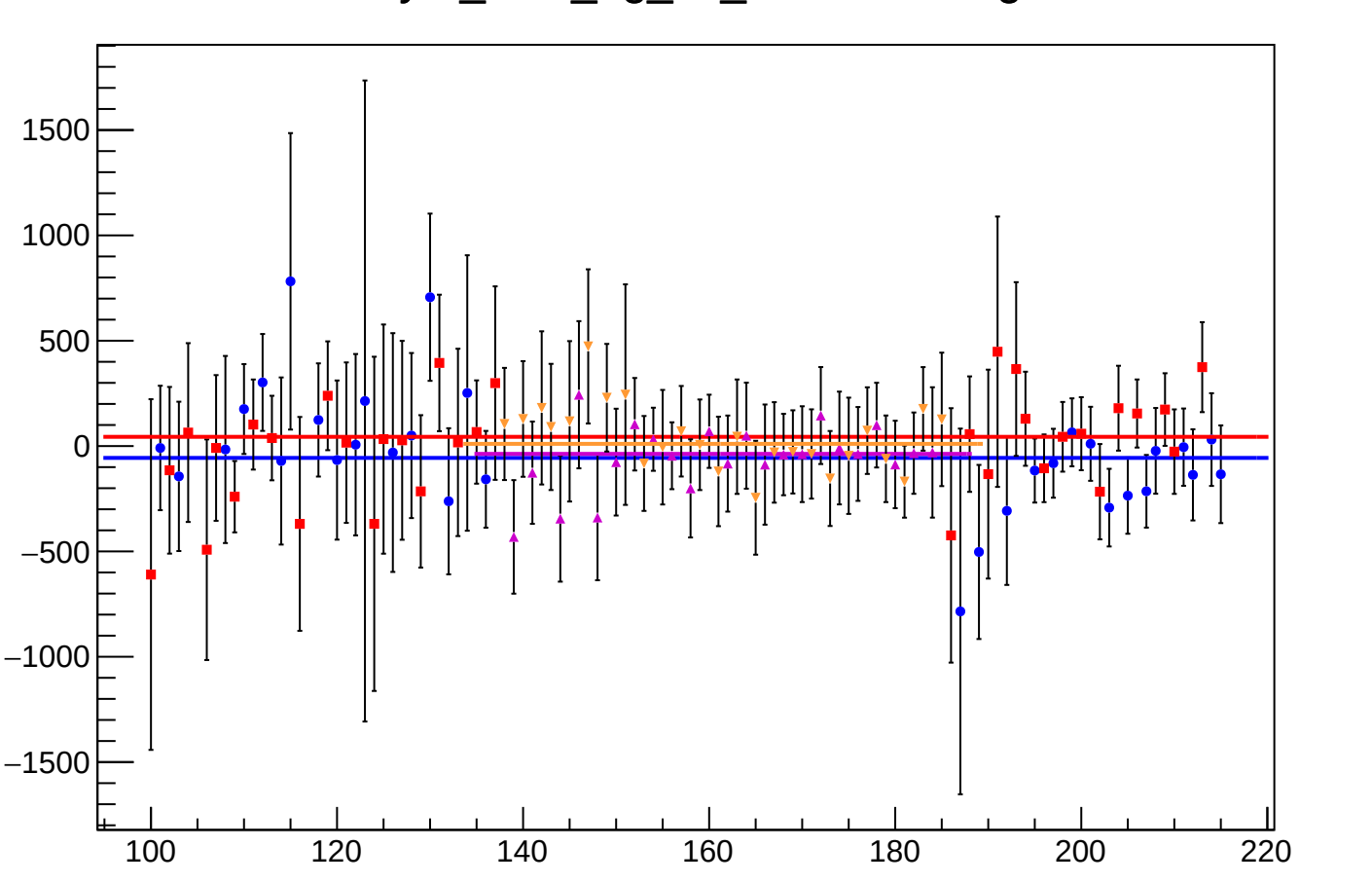
Right Out: 170.001+/-0.031 χ^2/NDF: 2794372.0/33

Left In: 178.836+/-0.032 χ^2/NDF:1622266.9/22

+ sign 183.294+/-0.023 χ^2/NDF: 4243679.9/56

All: 178.673+/-0.016 χ^2/NDF: 8782489.6/113

- sign 174.275+/-0.022 χ^2/NDF: 4456894.5/56



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: 43.876+/-44.457 χ^2/NDF: 16.3/33

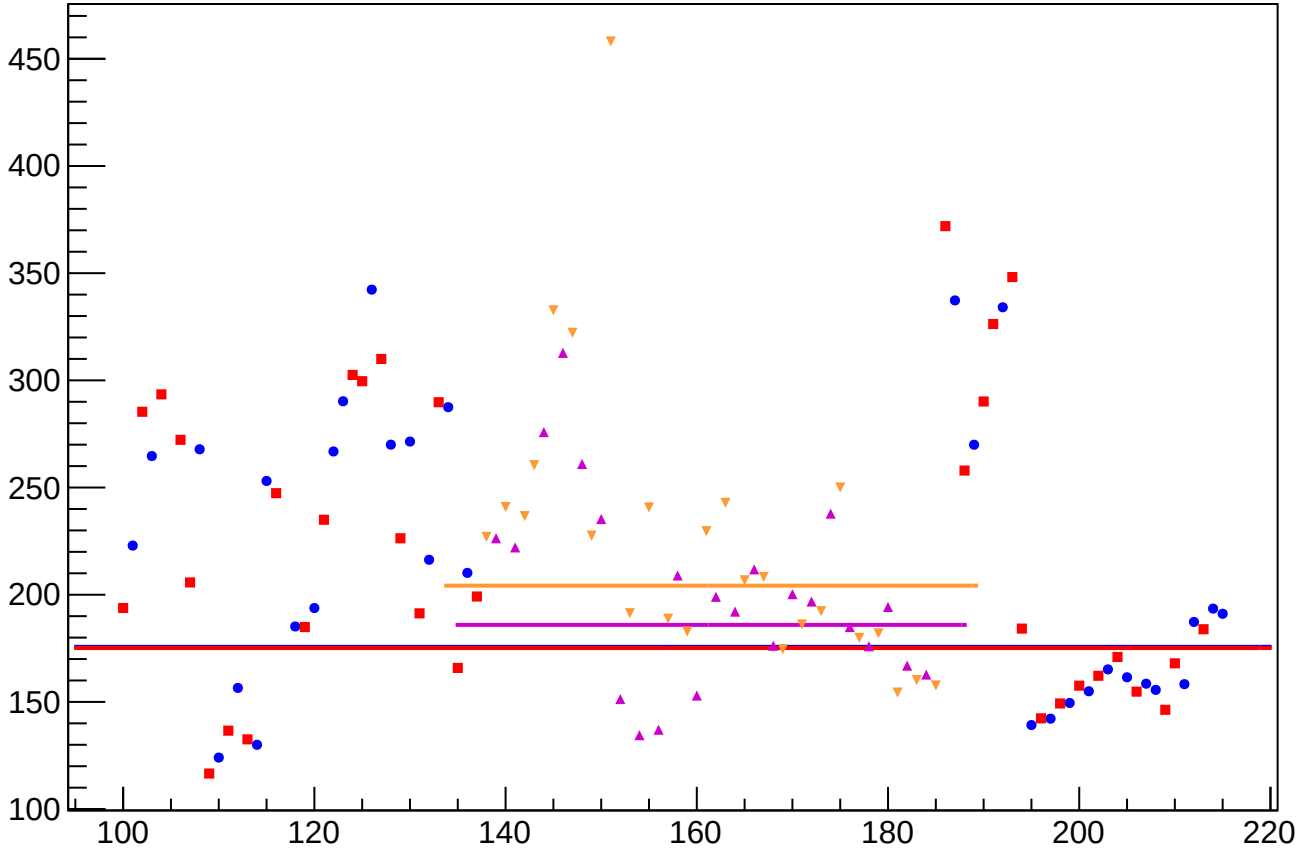
Left In: -37.000+/-46.358 χ^2/NDF:7.9/22

+ sign -26.681+/-32.720 χ^2/NDF: 25.9/56

All: -10.465+/-22.909 χ^2/NDF: 52.2/113

- sign 5.130+/-32.087 χ^2/NDF: 25.8/56

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: 175.125+/-0.031 χ^2/NDF: 2612014.6/33

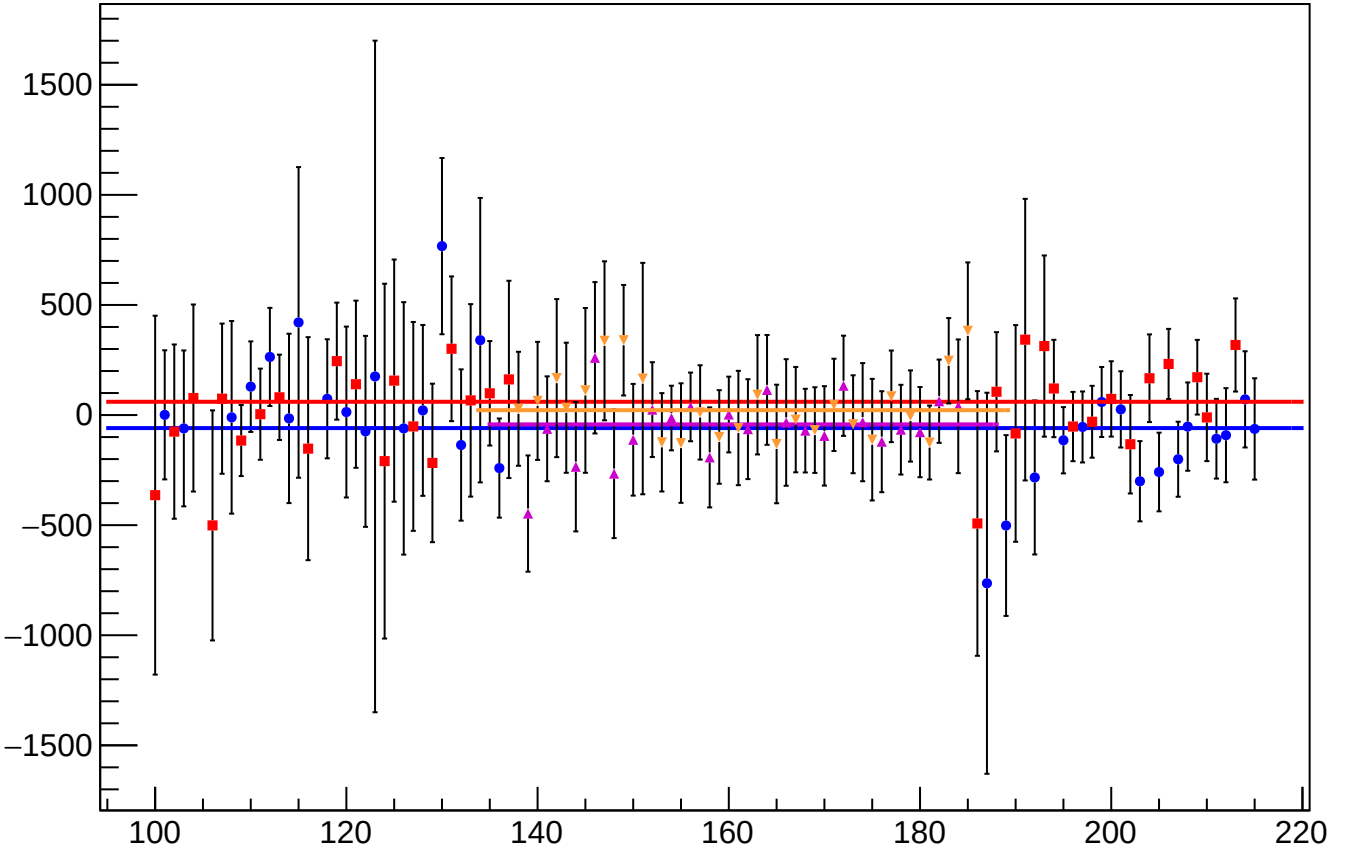
Left In: 185.931+/-0.033 χ^2/NDF:1460065.0/22

+ sign 188.317+/-0.023 χ^2/NDF: 4104054.2/56

All: 184.231+/-0.016 χ^2/NDF: 8293919.1/113

- sign 180.302+/-0.023 χ^2/NDF: 4128692.5/56

asym_bcm_dg_ds_mean vs Slug



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: 60.298+/-43.775 χ^2/NDF: 11.6/33

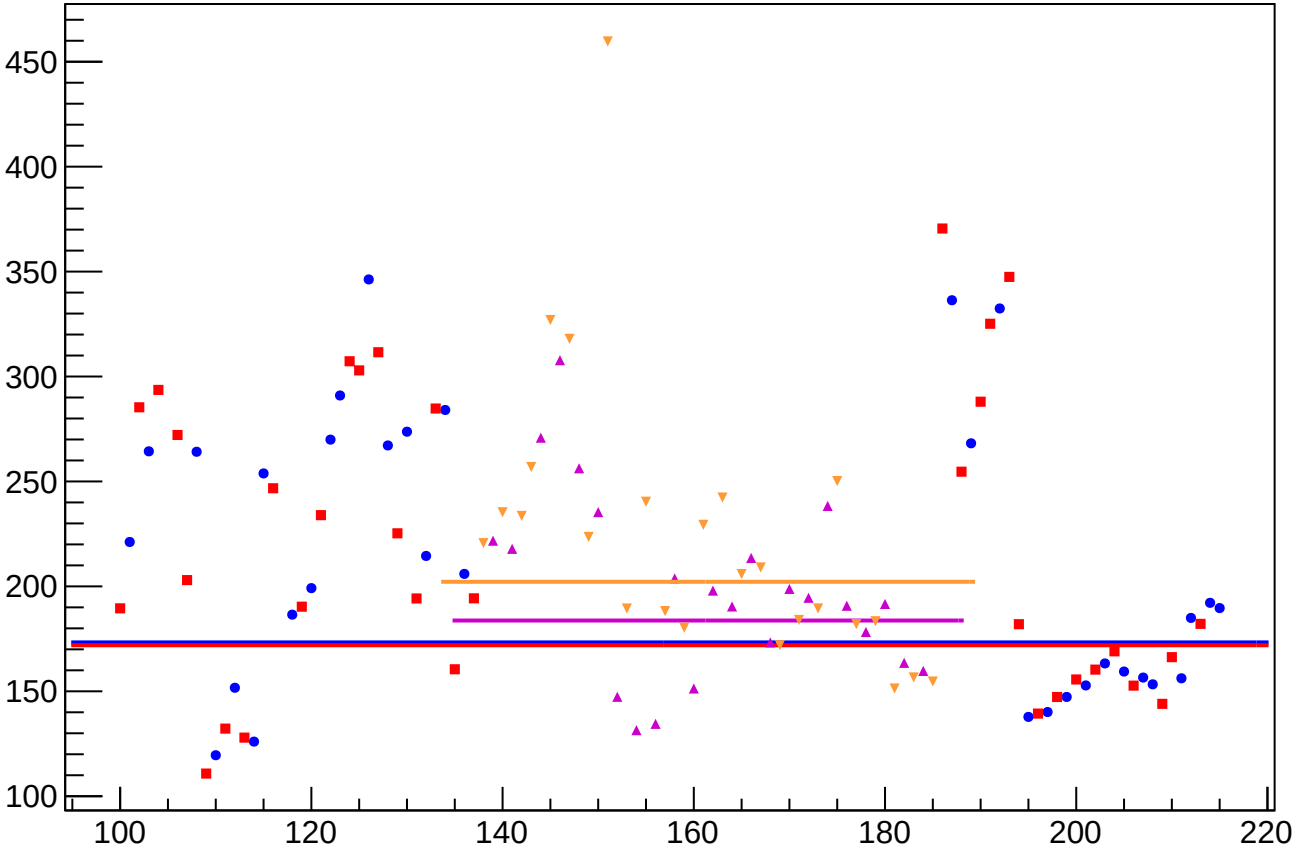
Left In: -42.446+/-45.861 χ^2/NDF:6.7/22

+ sign -23.306+/-32.360 χ^2/NDF: 26.4/56

All: -5.620+/-22.632 χ^2/NDF: 48.0/113

- sign 11.315+/-31.665 χ^2/NDF: 21.0/56

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: 171.940+/-0.031 χ^2/NDF: 2773057.3/33

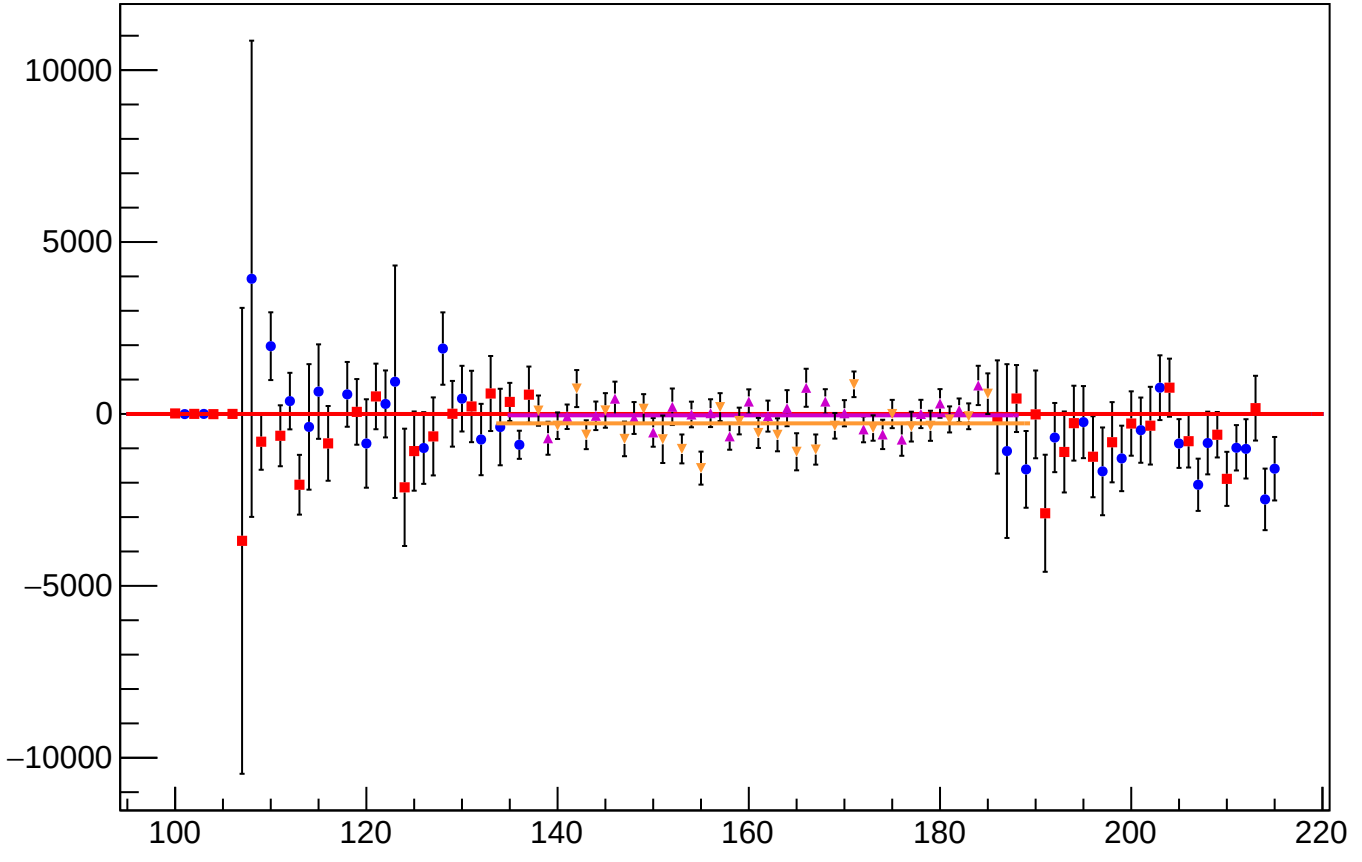
Left In: 183.732+/-0.032 χ^2/NDF:1495930.4/22

+ sign 186.032+/-0.023 χ^2/NDF: 4227686.2/56

All: 181.705+/-0.016 χ^2/NDF: 8635867.1/113

- sign 177.562+/-0.022 χ^2/NDF: 4338181.4/56

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: -0.767+/-2.111 χ^2/NDF: 32.6/33

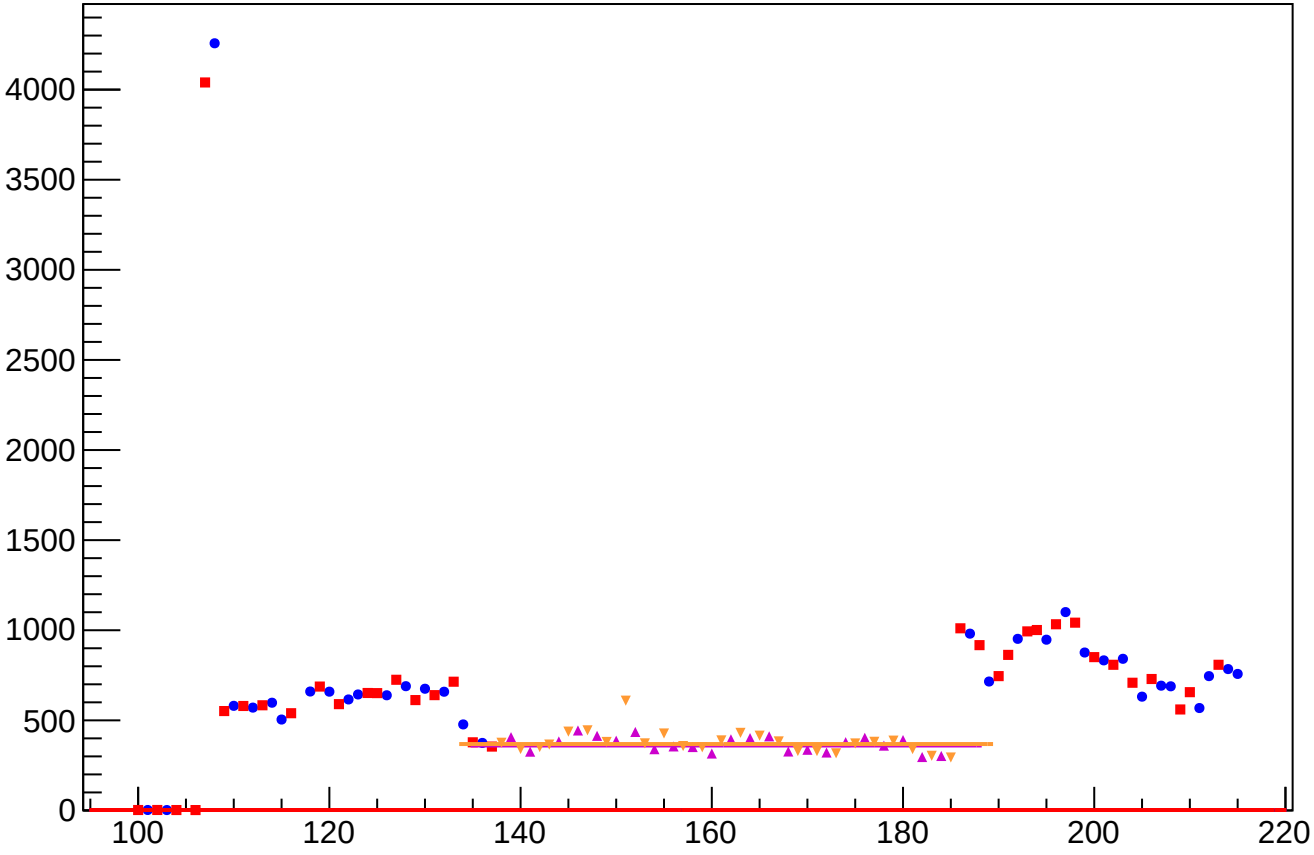
Left In: -40.480+/-87.470 χ^2/NDF:20.2/22

+ sign -1.809+/-2.251 χ^2/NDF: 96.2/56

All: -1.267+/-1.539 χ^2/NDF: 149.2/113

- sign -0.790+/-2.110 χ^2/NDF: 52.9/56

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: 2.491+/-0.001 χ^2/NDF: 31152180.9/33

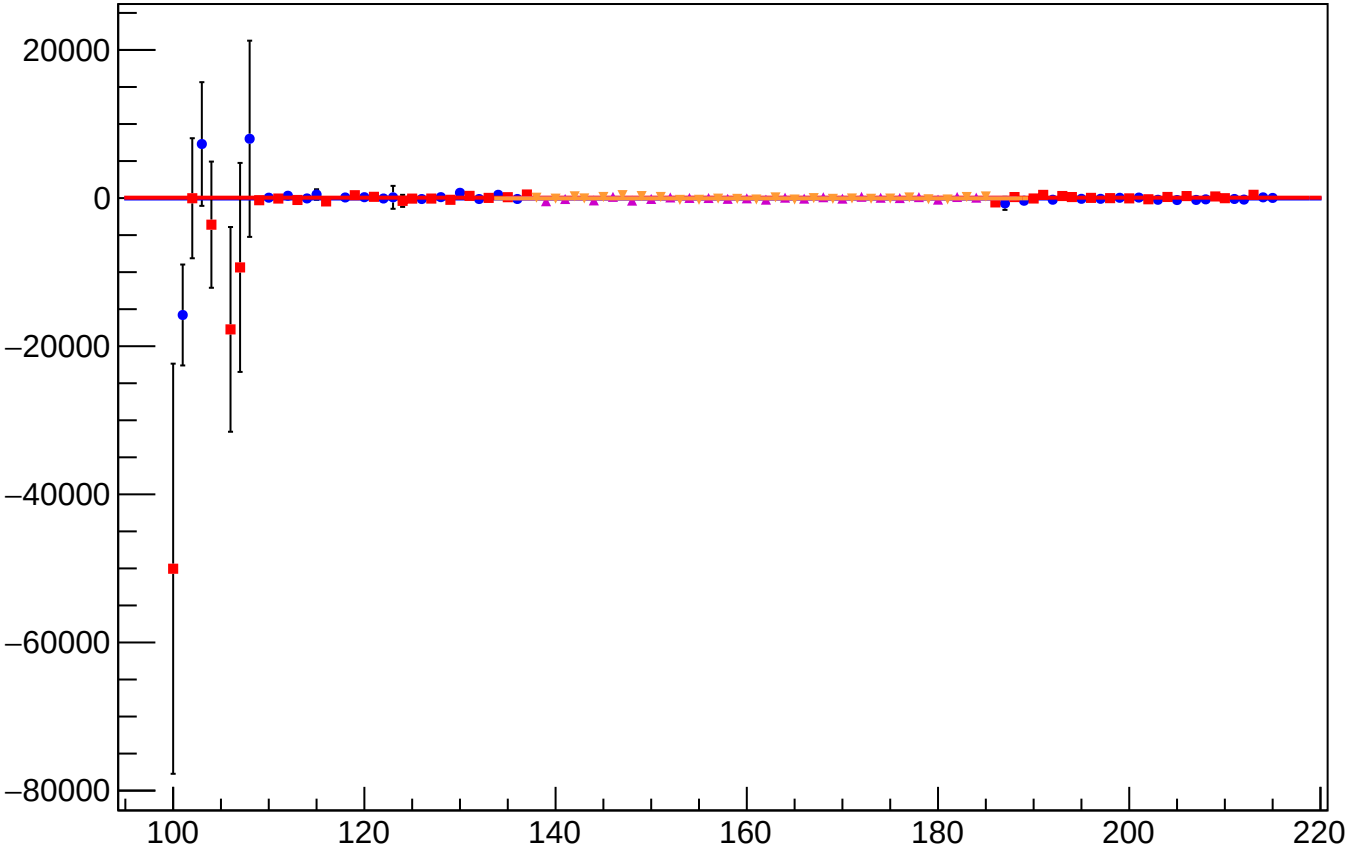
Left In: 360.571+/-0.062 χ^2/NDF:421995.5/22

+ sign 2.770+/-0.002 χ^2/NDF: 67749293.8/56

All: 2.732+/-0.001 χ^2/NDF: 132822624.1/113

- sign 2.699+/-0.001 χ^2/NDF: 65072291.4/56

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: 55.918+/-48.427 χ^2/NDF: 24.2/33

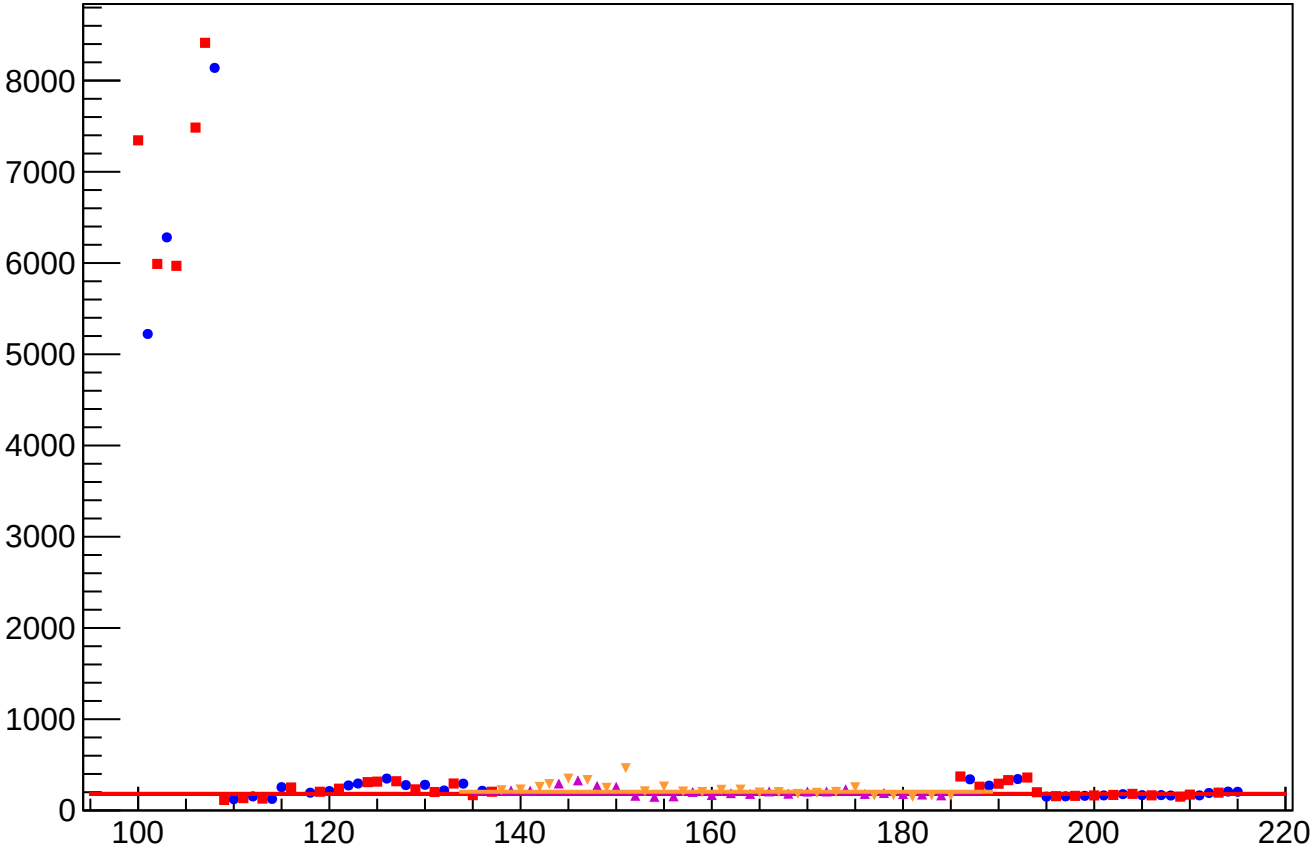
Left In: -28.062+/-48.032 χ^2/NDF:9.6/22

+ sign -48.868+/-34.163 χ^2/NDF: 30.7/56

All: -17.587+/-24.135 χ^2/NDF: 67.7/113

- sign 13.584+/-34.102 χ^2/NDF: 35.3/56

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: 181.074+/-0.034 χ^2/NDF: 5425453.7/33

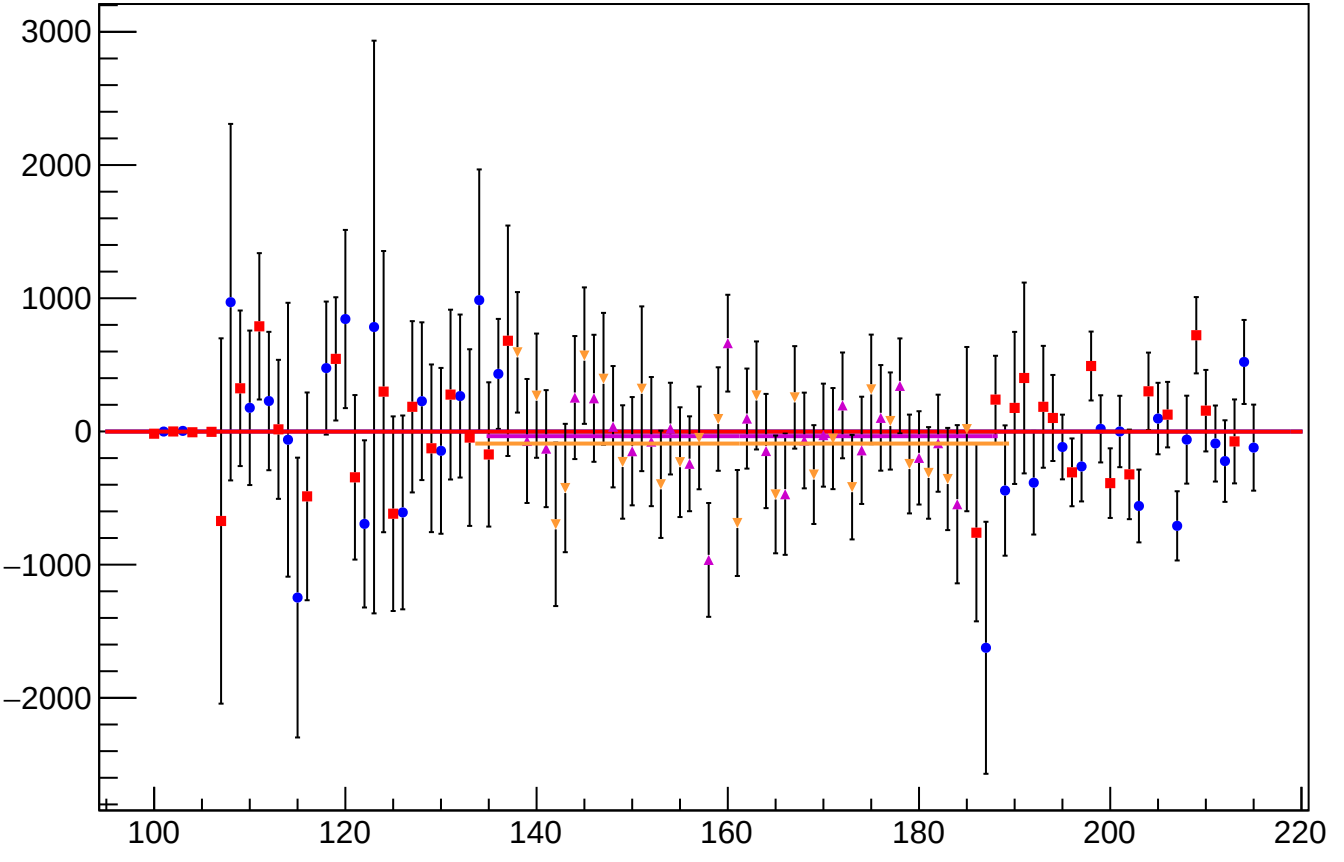
Left In: 193.616+/-0.034 χ^2/NDF:1179471.1/22

+ sign 192.833+/-0.024 χ^2/NDF: 6769710.1/56

All: 190.110+/-0.017 χ^2/NDF: 13467624.2/11

- sign 187.396+/-0.024 χ^2/NDF: 6672549.3/56

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: -1.288+/-1.622 χ^2/NDF: 28.0/33

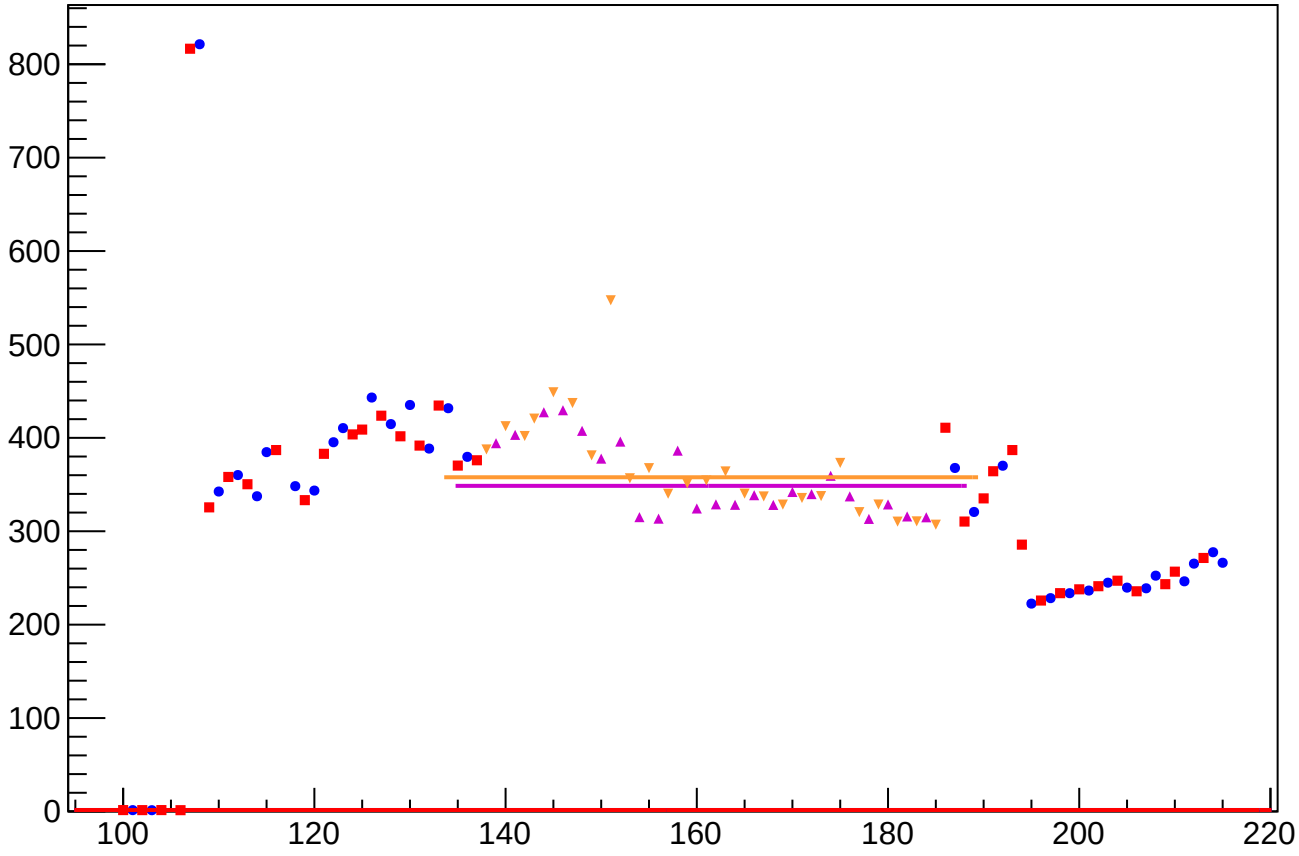
Left In: -35.488+/-84.382 χ^2/NDF:13.4/22

+ sign -0.265+/-1.736 χ^2/NDF: 49.0/56

All: -0.818+/-1.185 χ^2/NDF: 90.8/113

- sign -1.300+/-1.622 χ^2/NDF: 41.6/56

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: 1.550+/-0.001 χ^2/NDF: 30859329.4/33

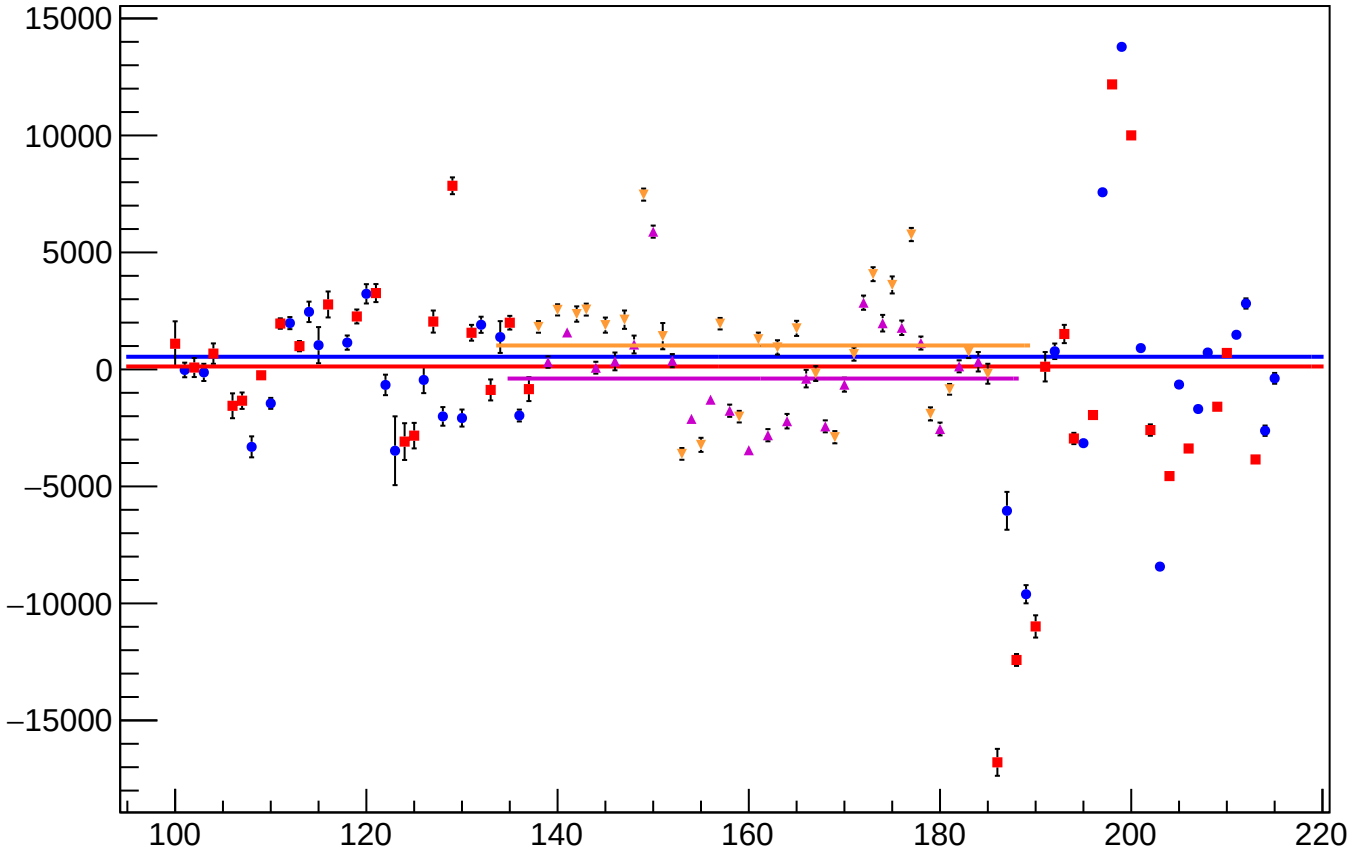
Left In: 348.611+/-0.060 χ^2/NDF:362511.2/22

+ sign 1.729+/-0.001 χ^2/NDF: 68355891.2/56

All: 1.702+/-0.001 χ^2/NDF: 133398928.6/113

- sign 1.679+/-0.001 χ^2/NDF: 65042119.2/56

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: 125.679+/-47.151 χ^2/NDF: 13688.6/33

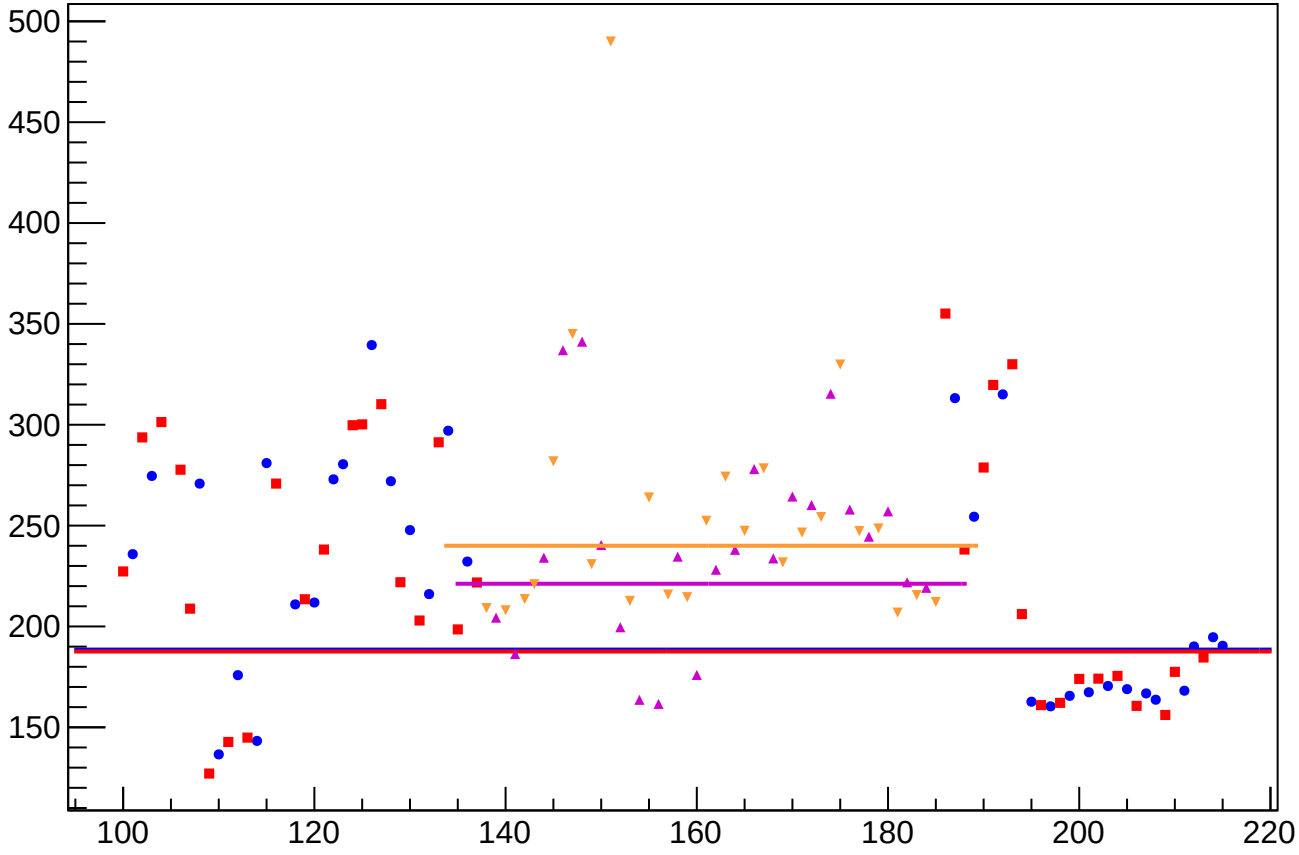
Left In: -390.237+/-54.931 χ^2/NDF:1584.9/22

+ sign 733.238+/-36.187 χ^2/NDF: 13710.8/56

All: 315.334+/-25.442 χ^2/NDF: 29298.8/113

- sign -93.187+/-35.778 χ^2/NDF: 15324.3/56

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

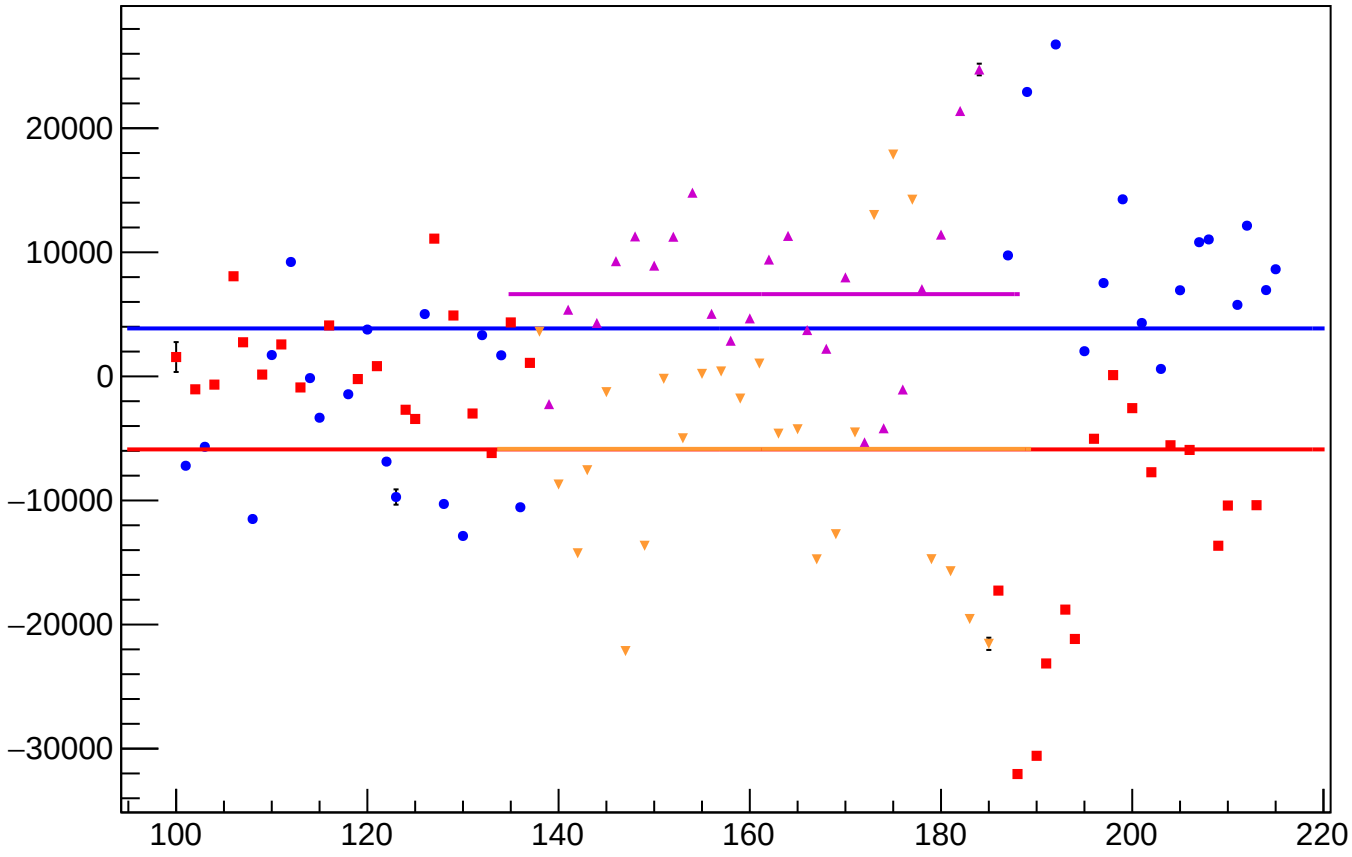
Right Out: 187.576+/-0.033 χ^2/NDF: 2121792.7/33

Left In: 221.173+/-0.039 χ^2/NDF:1342517.8/22

+ sign 209.041+/-0.026 χ^2/NDF: 3517027.4/56

All: 205.394+/-0.018 χ^2/NDF: 7452266.4/113

- sign 201.829+/-0.025 χ^2/NDF: 3895065.6/56



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: -5884.085+/-32.833 χ^2/NDF: 104575.2/33

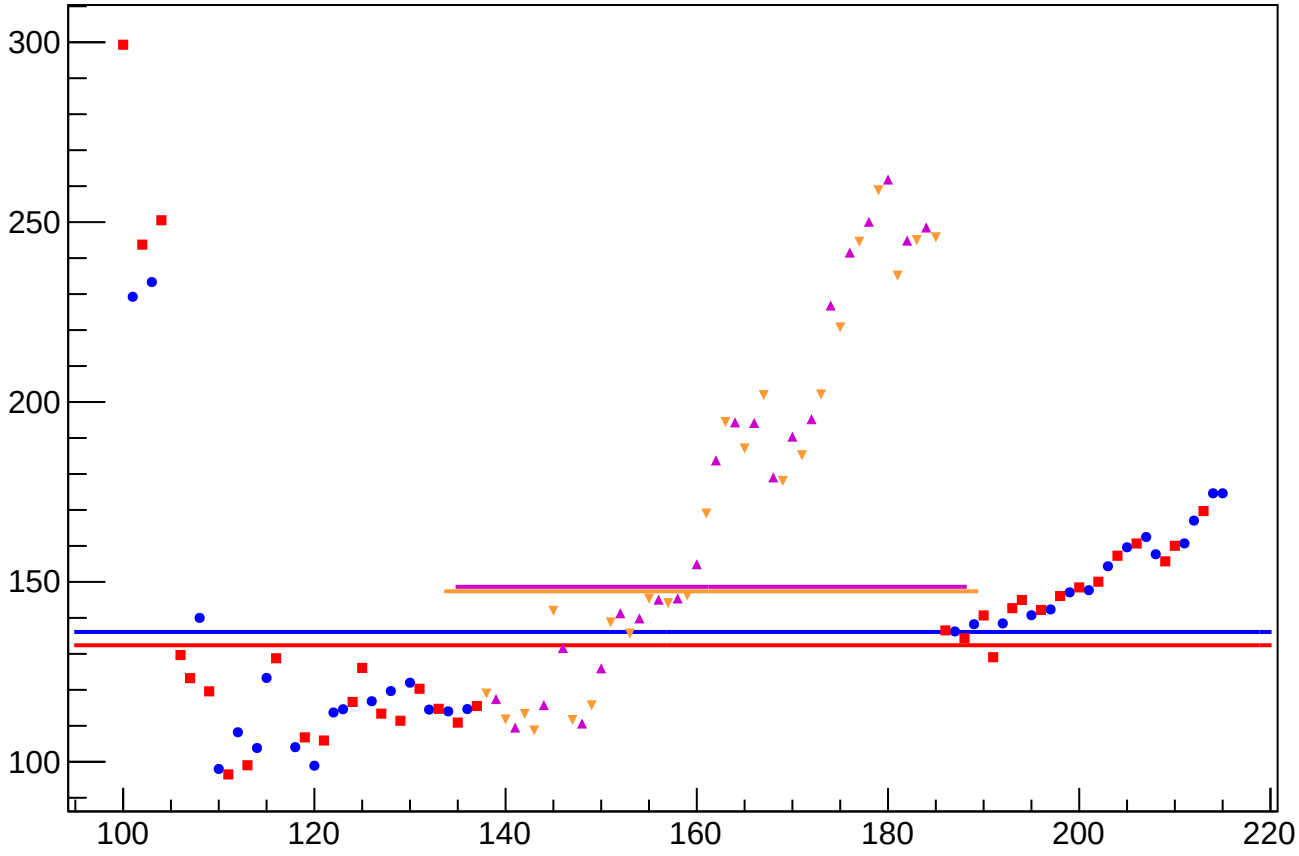
Left In: 6628.388+/-37.160 χ^2/NDF:21738.0/22

\+ sign -698.065+/-24.579 χ^2/NDF: 186669.2/56

All: -548.400+/-17.389 χ^2/NDF: 376728.4/11

\- sign -398.418+/-24.605 χ^2/NDF: 189984.9/56

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: 132.394+/-0.023 χ^2/NDF: 1229837.0/33

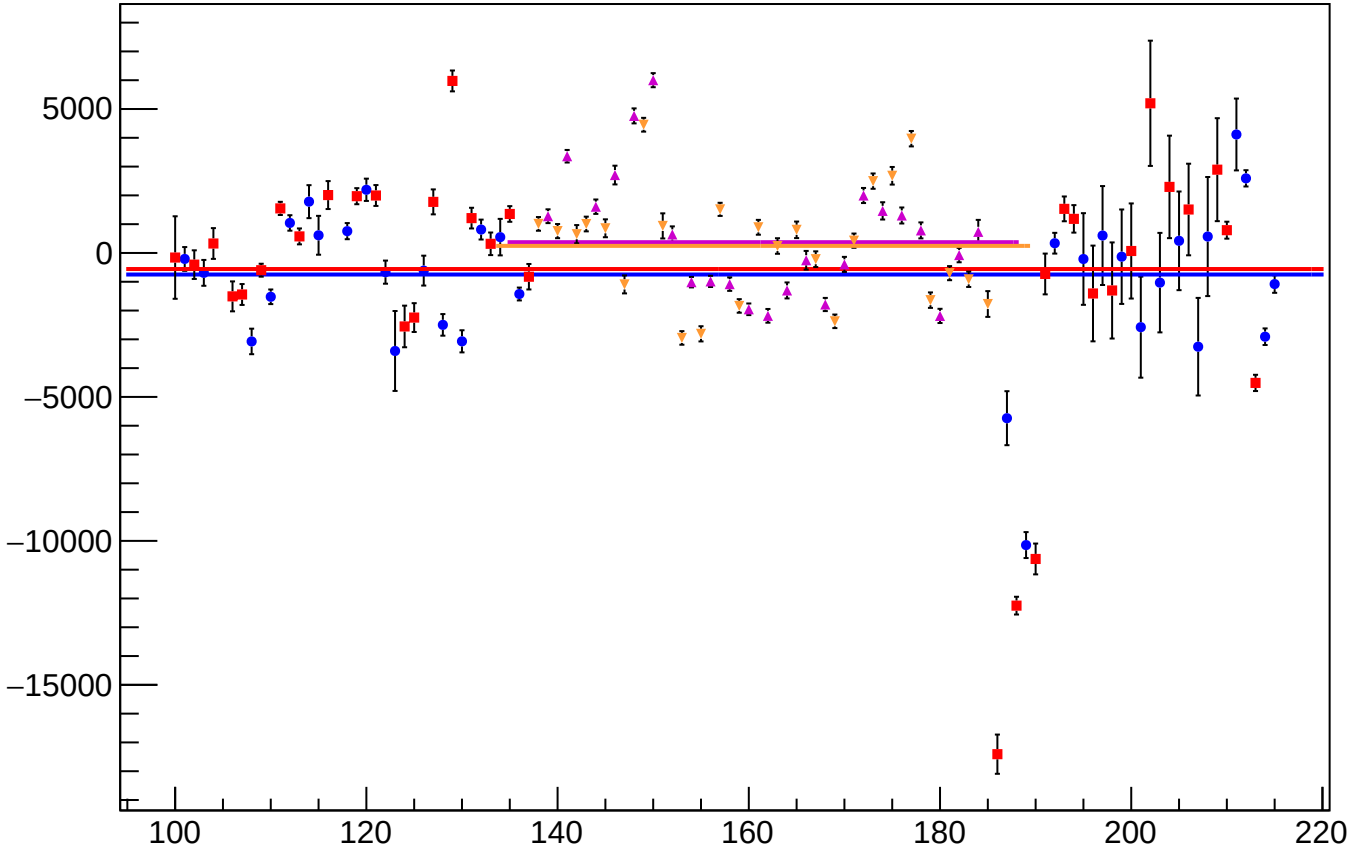
Left In: 148.642+/-0.026 χ^2/NDF:2415531.9/22

+ sign 141.406+/-0.017 χ^2/NDF: 3902802.1/56

All: 140.463+/-0.012 χ^2/NDF: 7768799.6/113

- sign 139.517+/-0.017 χ^2/NDF: 3860101.0/56

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: -557.681+/-70.337 χ^2/NDF: 3398.4/33

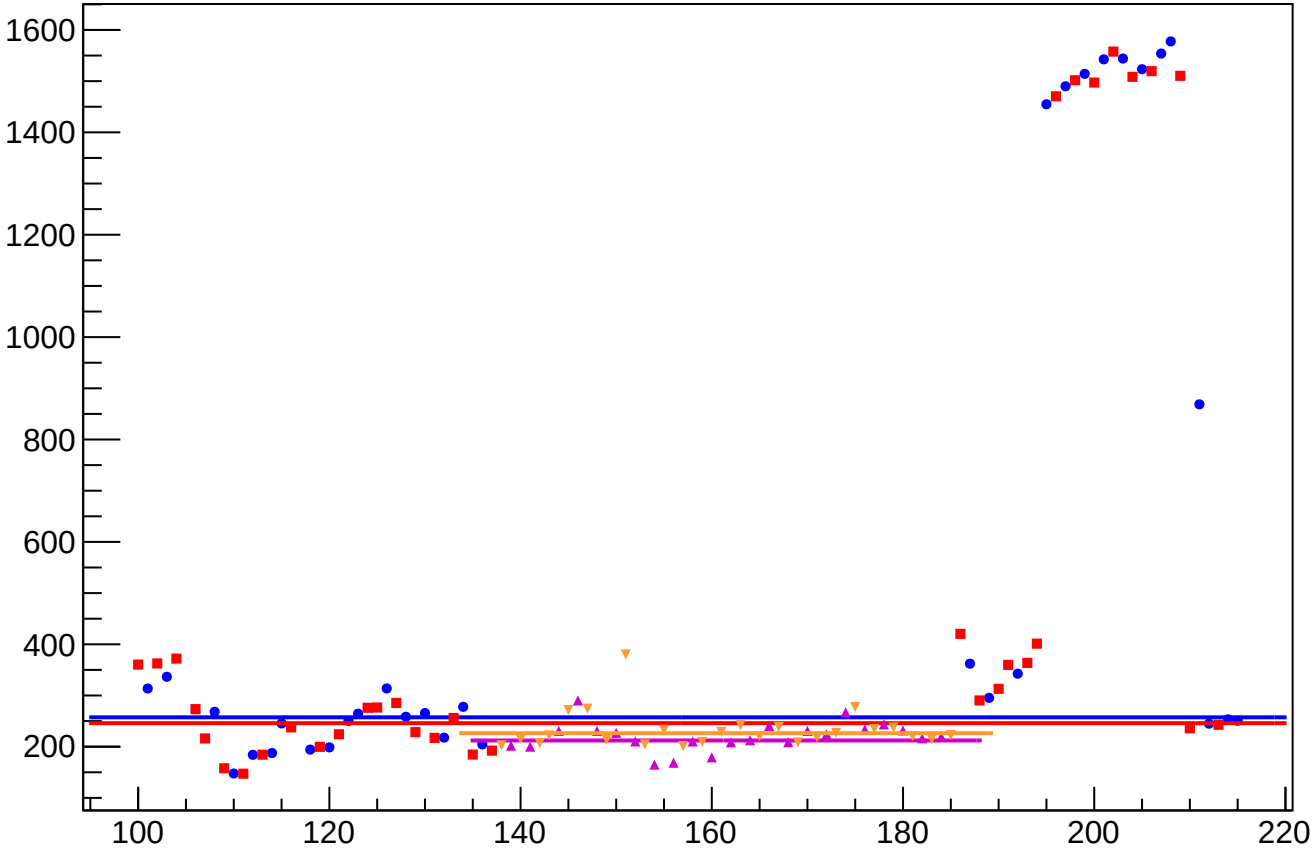
Left In: 374.465+/-51.892 χ^2/NDF:1798.3/22

+ sign -89.004+/-43.560 χ^2/NDF: 2449.5/56

All: -18.691+/-30.144 χ^2/NDF: 7764.9/113

- sign 45.926+/-41.758 χ^2/NDF: 5310.4/56

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: 245.932+/-0.050 χ^2/NDF: 9272612.5/33

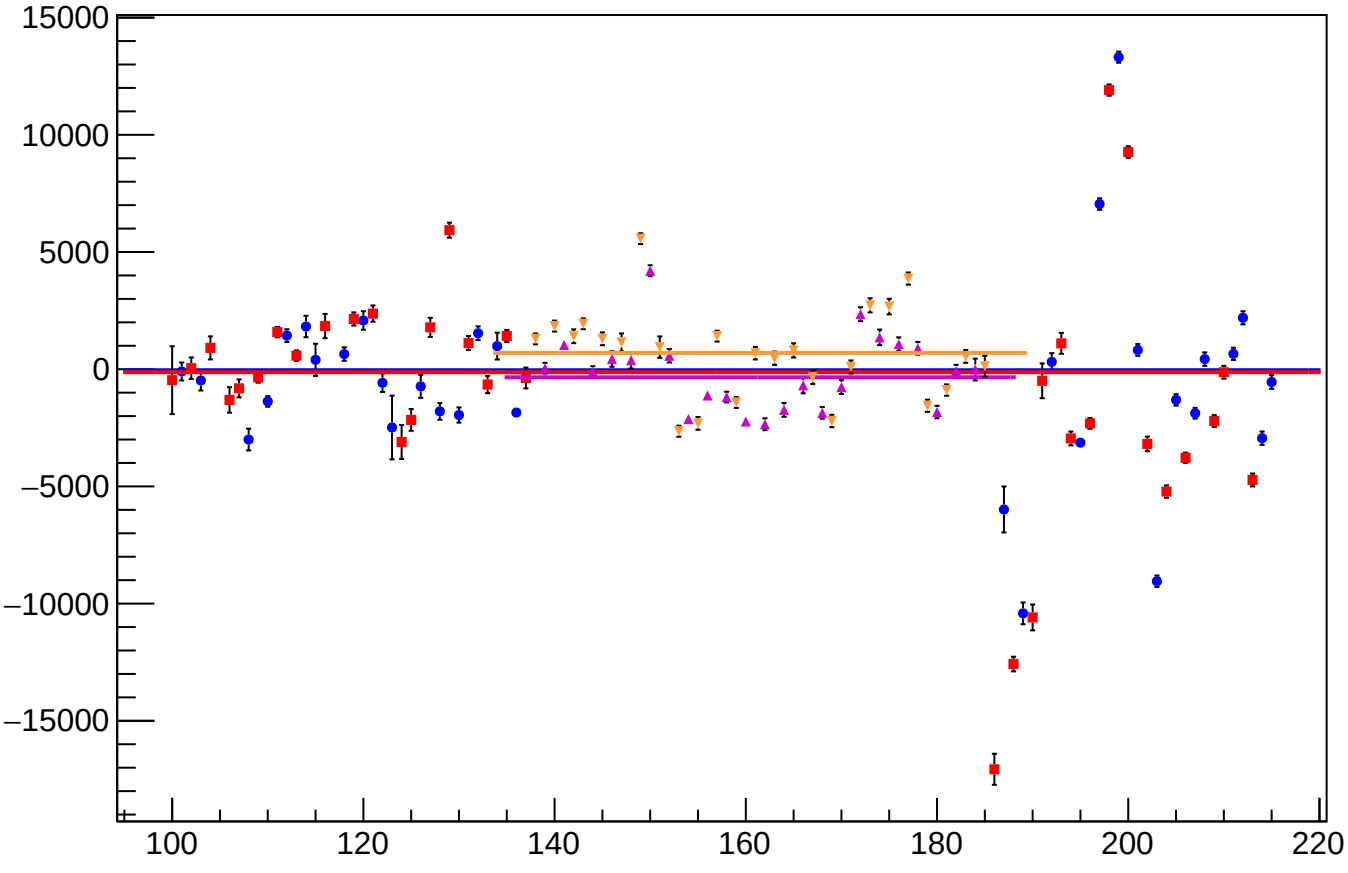
Left In: 212.145+/-0.037 χ^2/NDF:591698.6/22

+ sign 236.818+/-0.031 χ^2/NDF: 10946049.4/56

All: 230.166+/-0.021 χ^2/NDF: 21198682.5/11

- sign 224.053+/-0.030 χ^2/NDF: 10163141.7/56

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: -125.426+/-54.213 χ^2/NDF: 8506.8/33

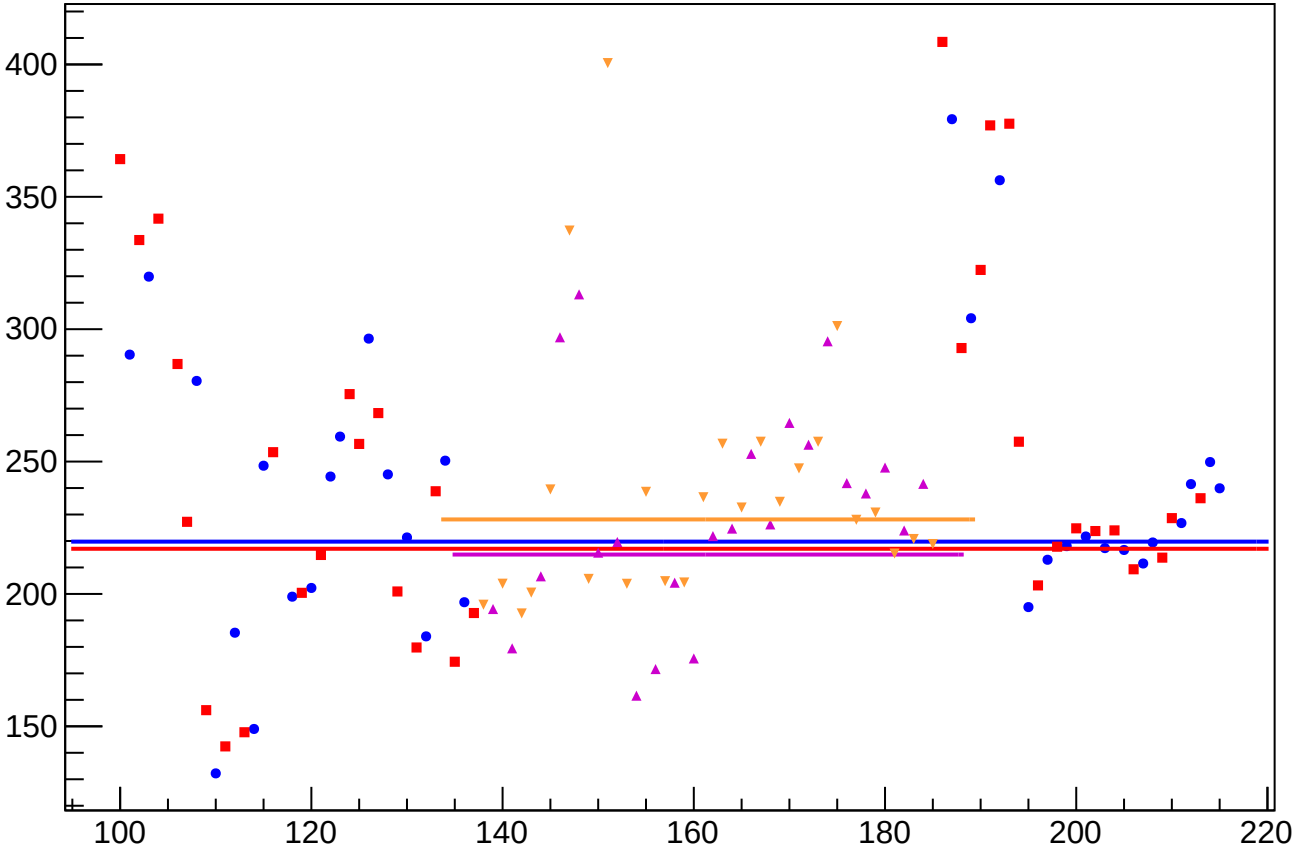
Left In: -344.578+/-52.954 χ^2/NDF:985.0/22

+ sign 323.882+/-38.301 χ^2/NDF: 8299.2/56

All: 40.061+/-26.933 χ^2/NDF: 17908.0/113

- sign -237.575+/-37.881 χ^2/NDF: 9500.2/56

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: 217.062+/-0.038 χ^2/NDF: 1835976.3/33

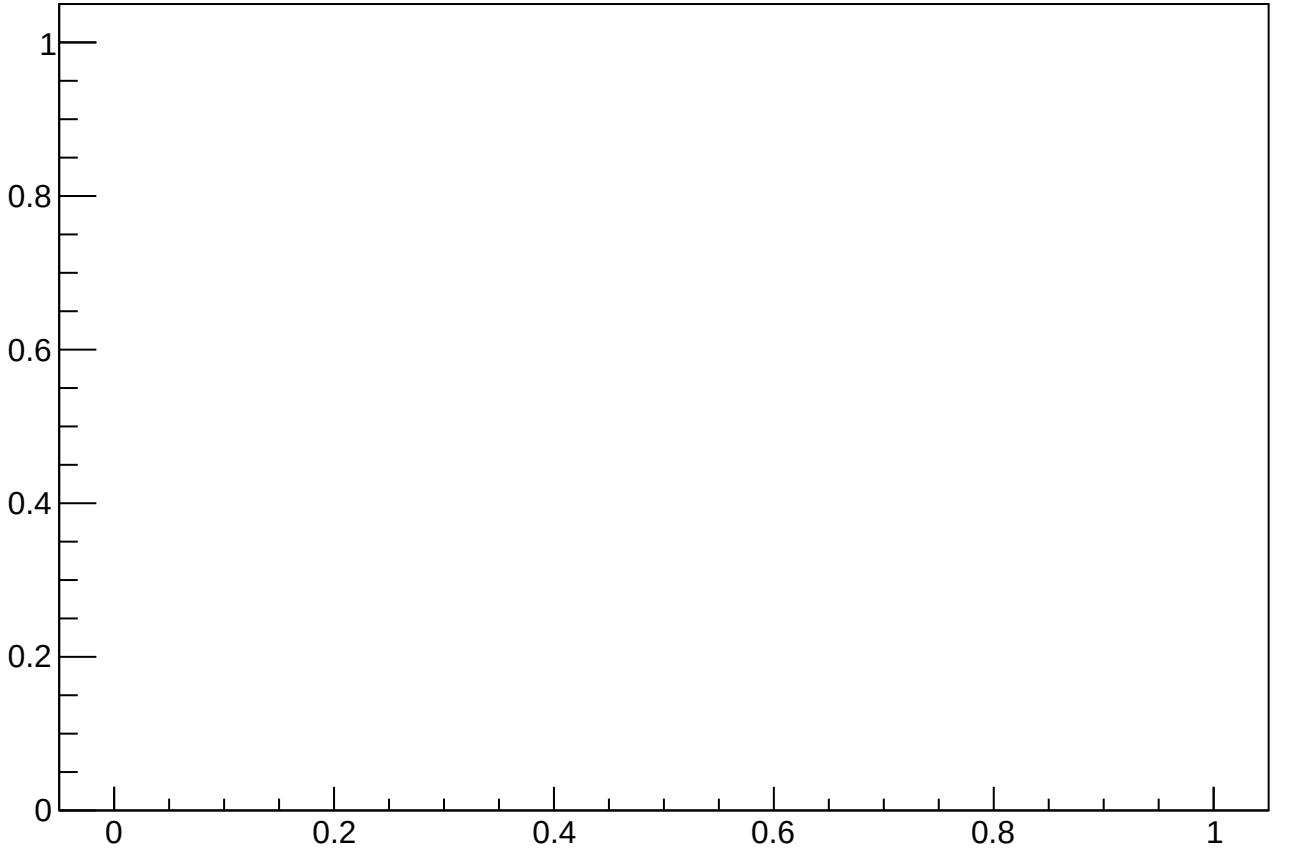
Left In: 214.878+/-0.037 χ^2/NDF:1037509.6/22

+ sign 223.939+/-0.027 χ^2/NDF: 2049541.0/56

All: 219.898+/-0.019 χ^2/NDF: 4968736.3/113

- sign 215.944+/-0.027 χ^2/NDF: 2875145.9/56

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

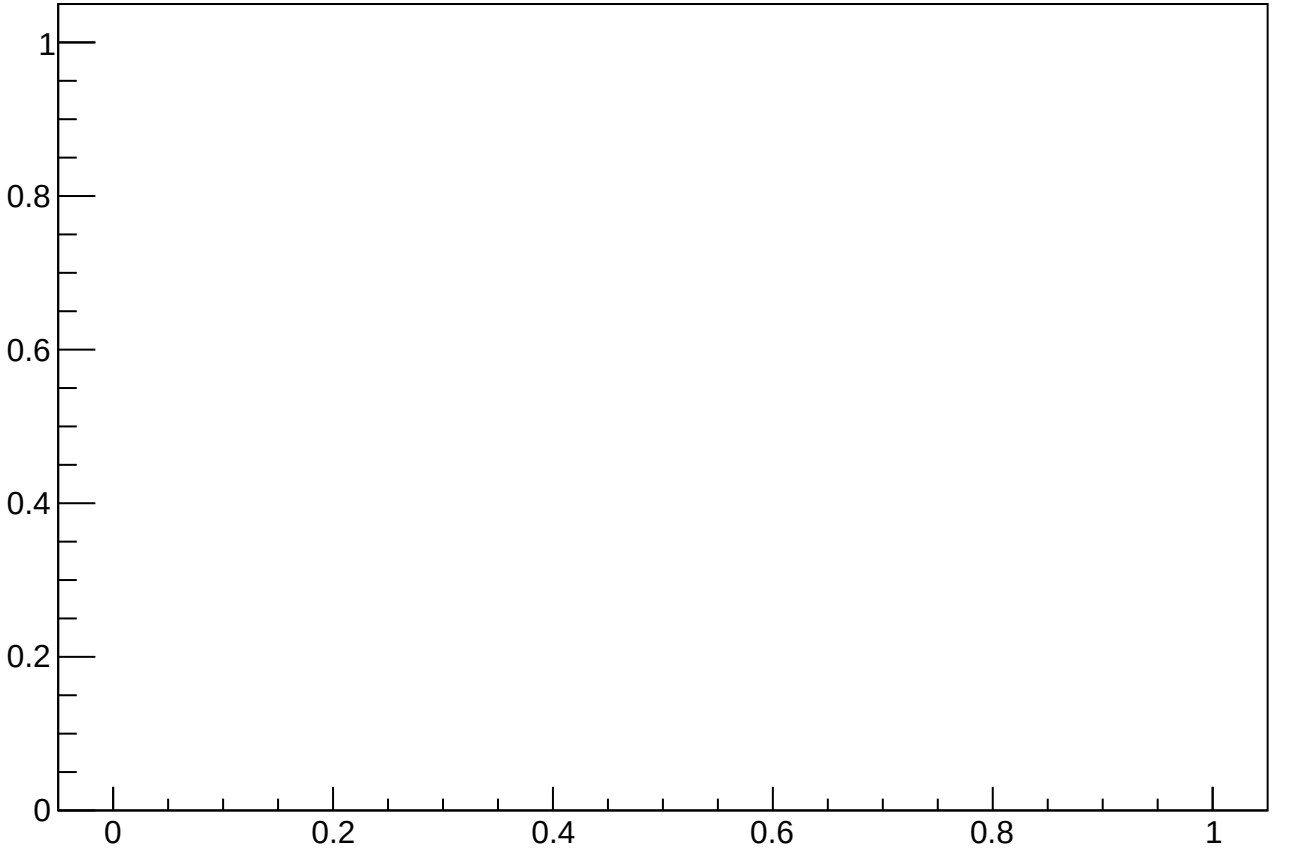
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

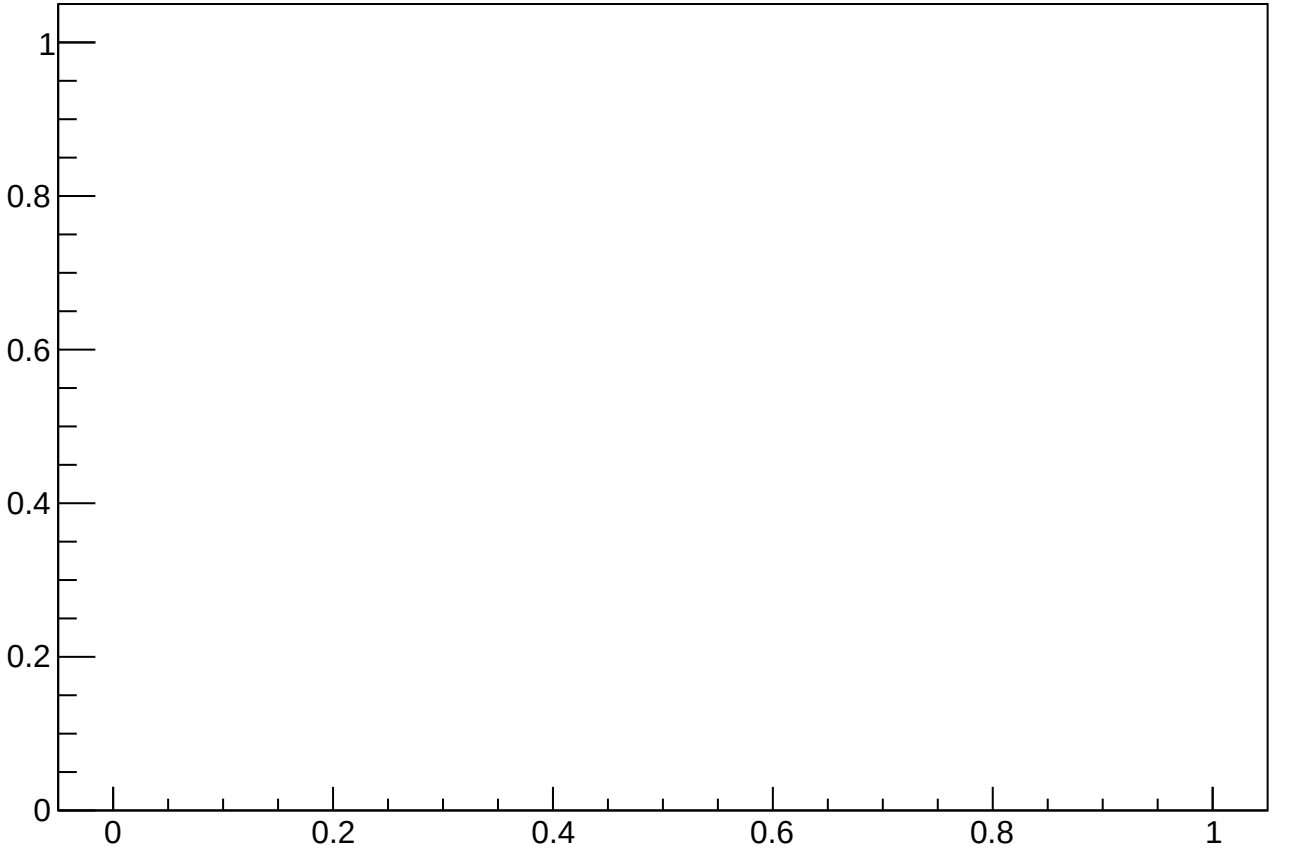
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

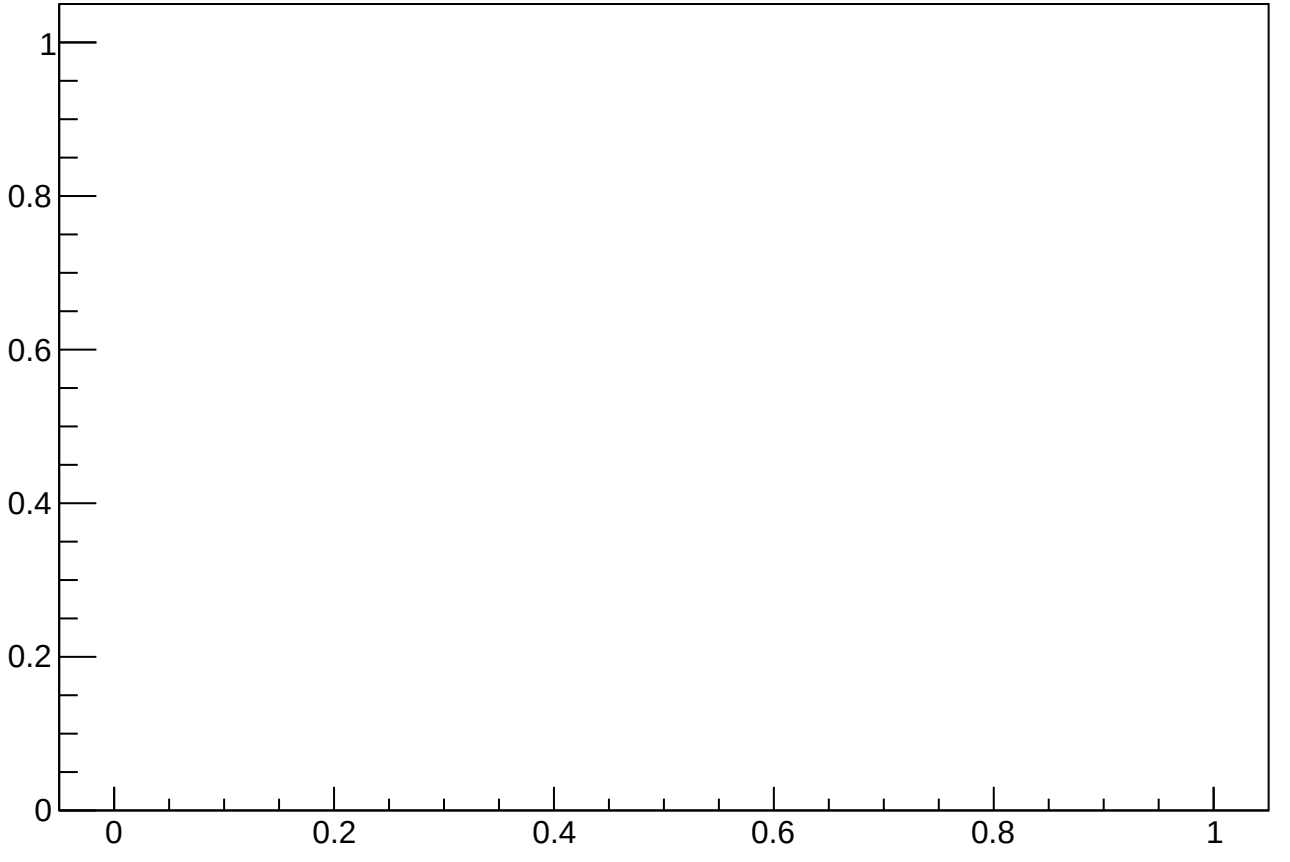
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

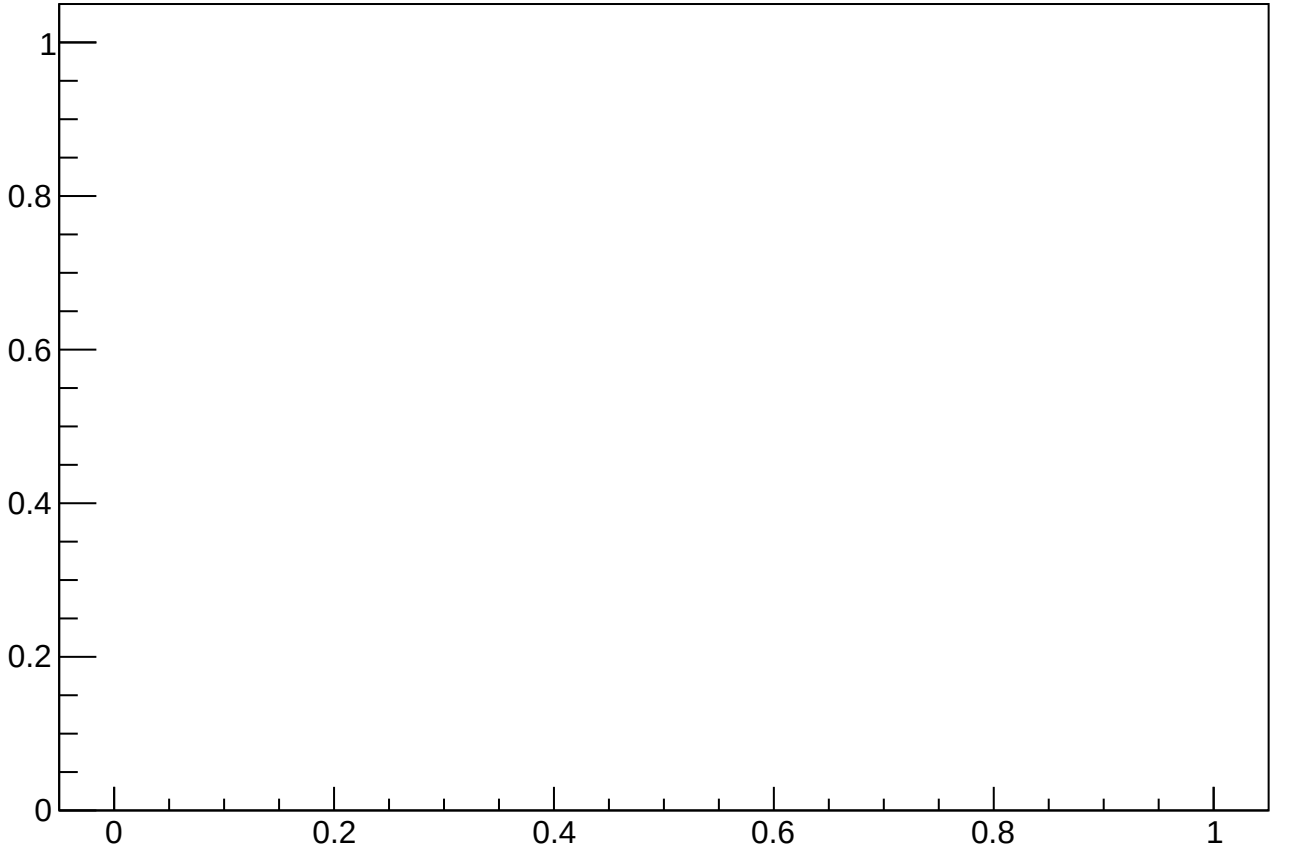
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

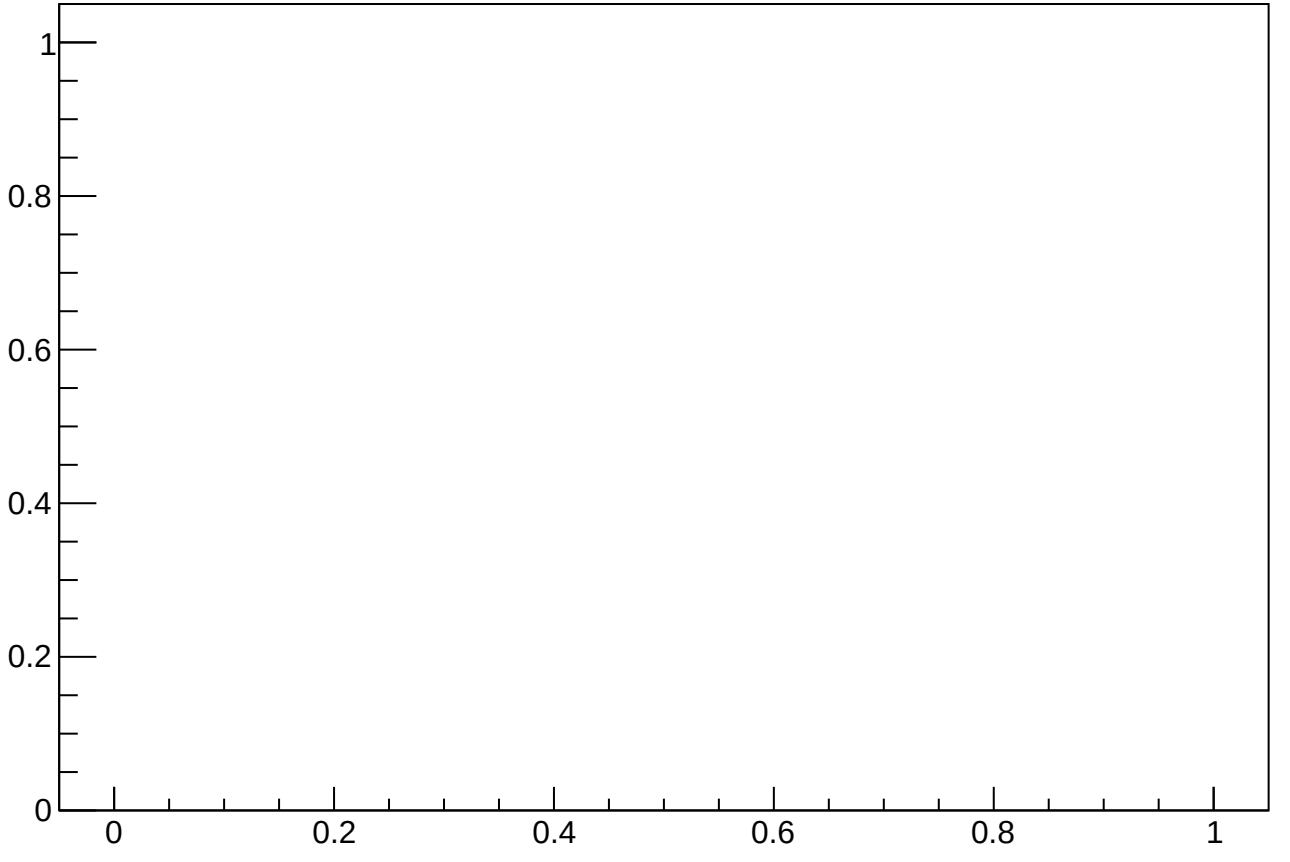
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

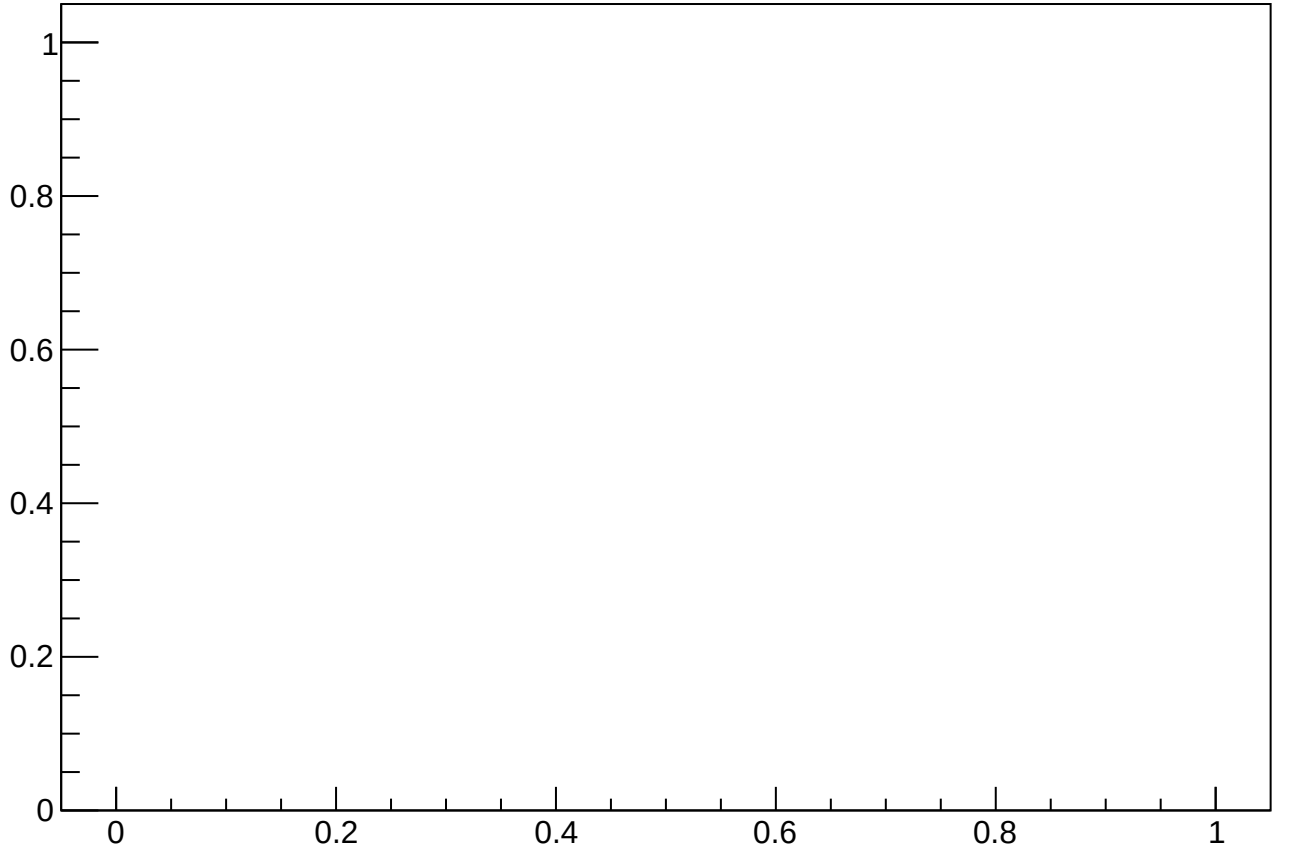
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

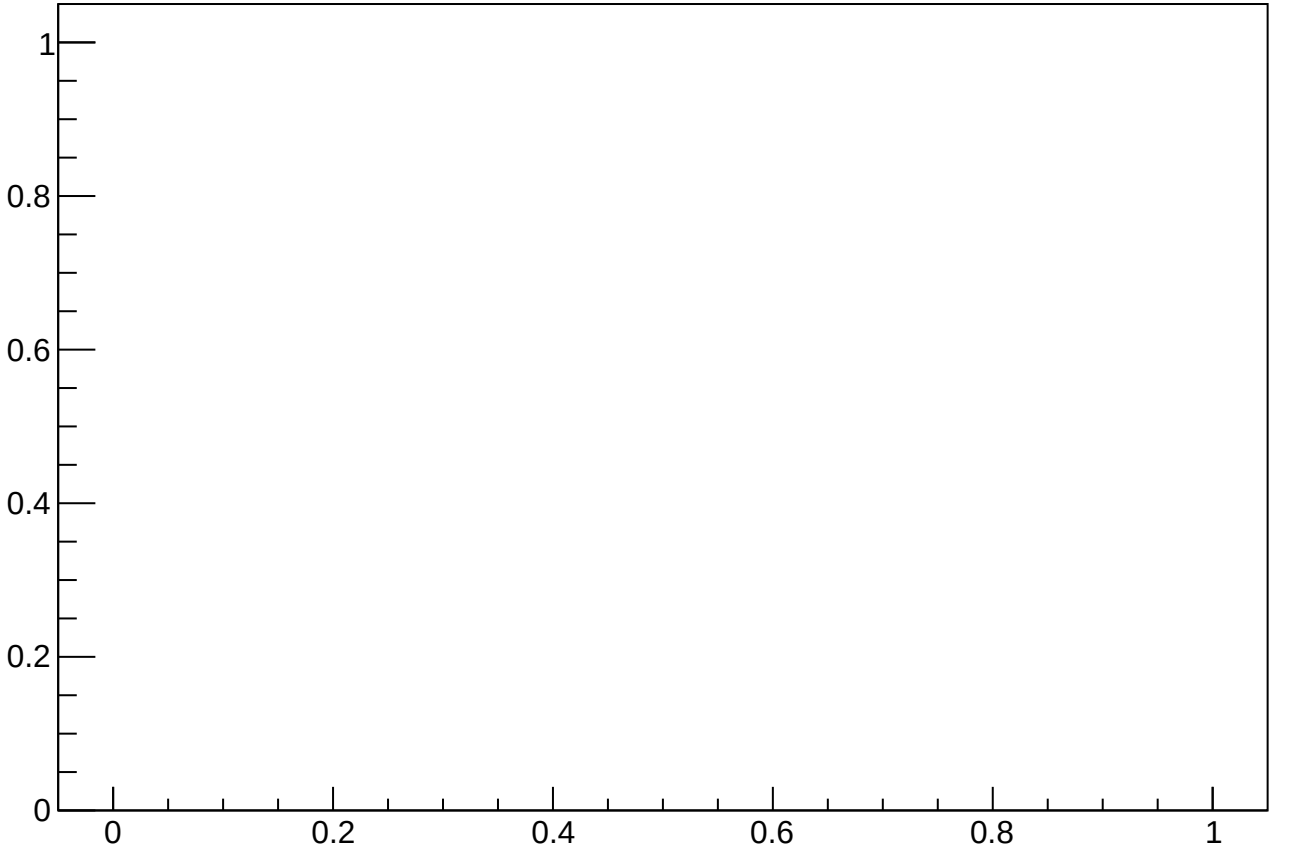
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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

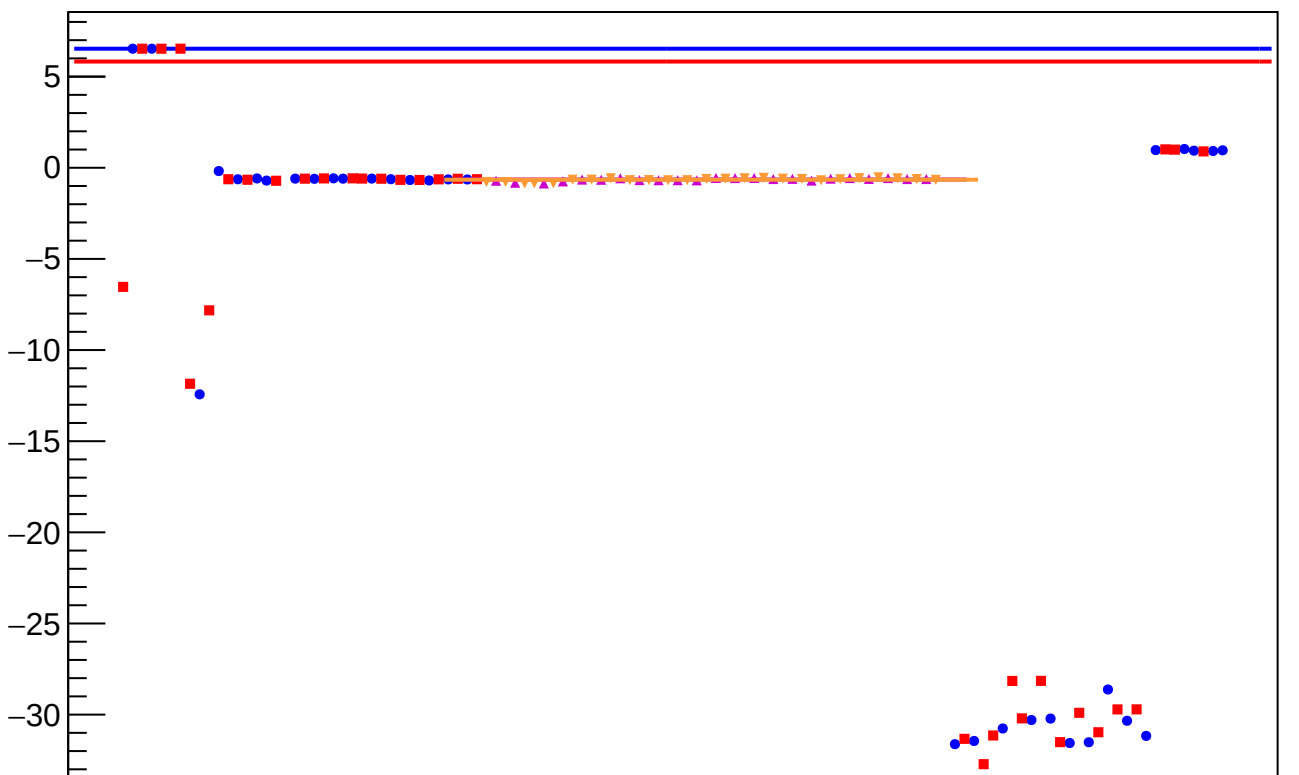
Left In: 0.000+/-0.000 χ^2/NDF:0.0/0

+ 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: 755966309767874.5/33

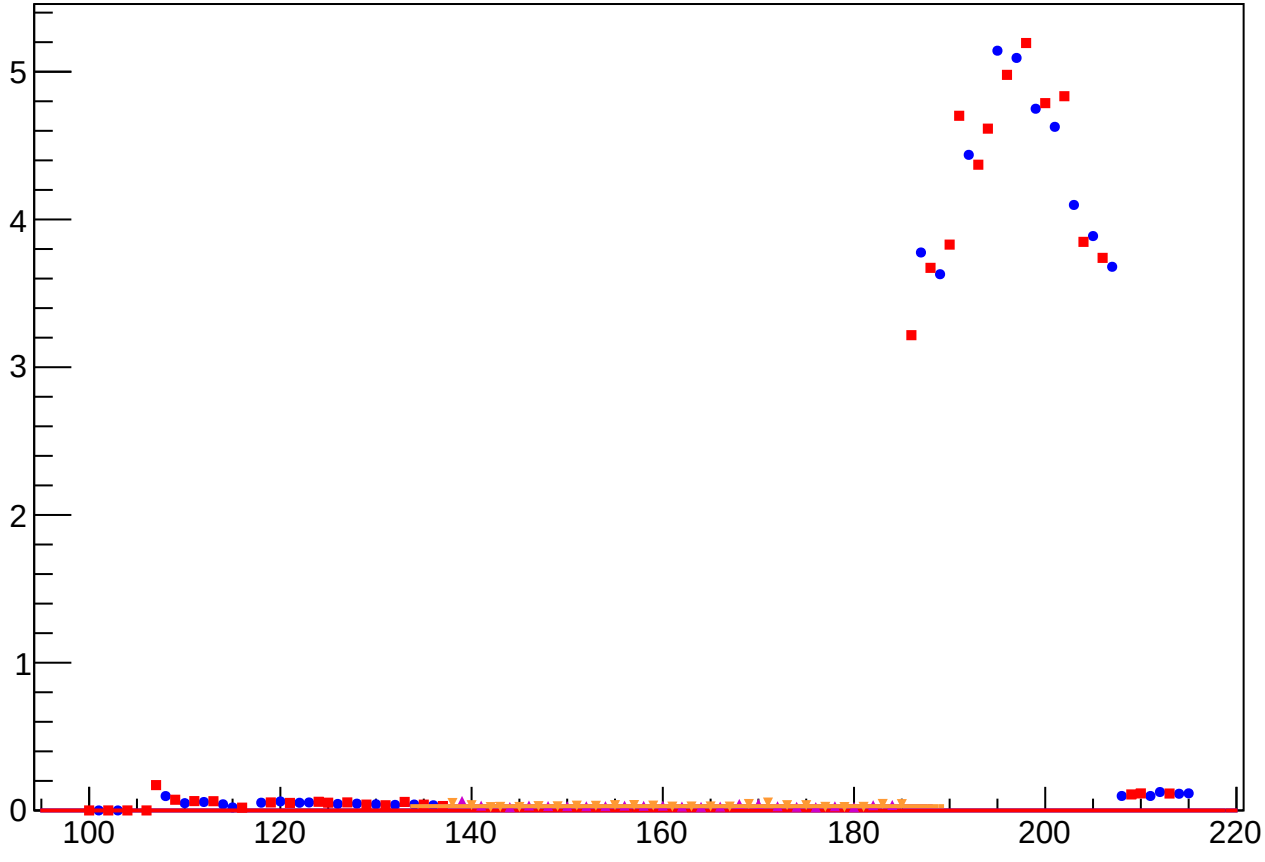
Left In: -0.643+/-0.000 χ^2/NDF:123743747.1/22

+ sign 6.530+/-0.000 χ^2/NDF: 1010838934326.1/56

All: 6.153+/-0.000 χ^2/NDF: 7776400752504

- sign 5.826+/-0.000 χ^2/NDF: 756644770980608.8/

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

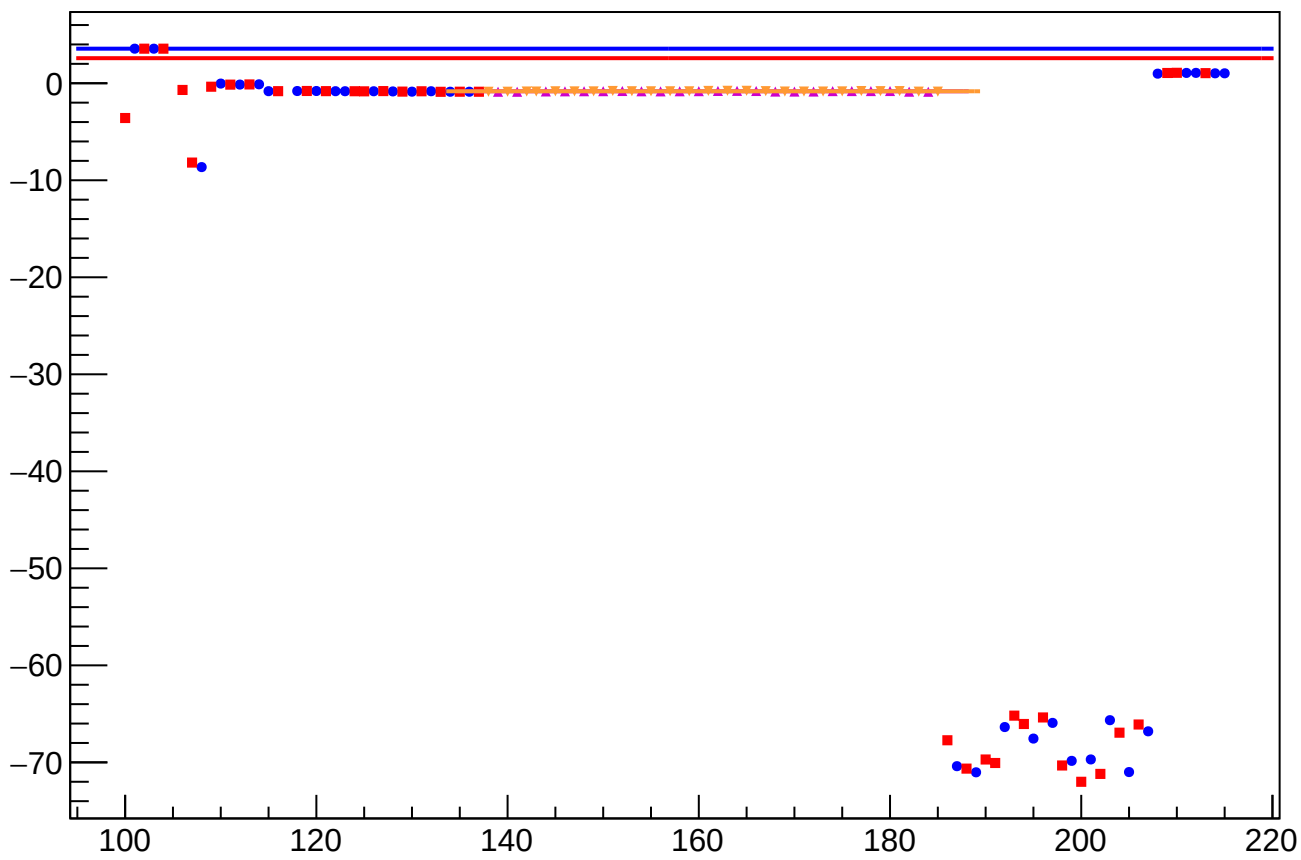
Right Out: 0.000+/-0.000 χ^2/NDF: 29025937.5/33

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: 116748317.2/113

- sign 0.000+/-0.000 χ^2/NDF: 57207371.2/56



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: 1253545808410849.0/33

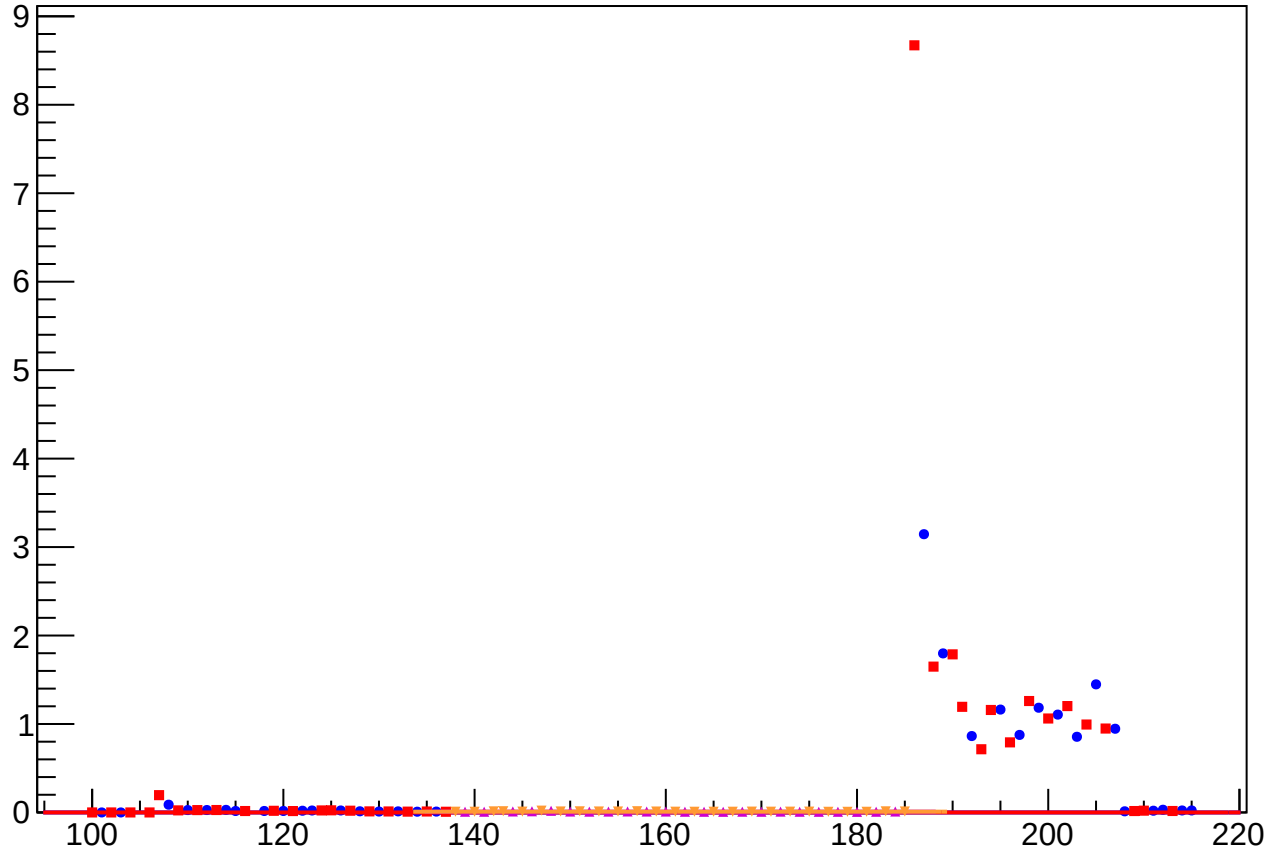
Left In: -0.827+/-0.000 χ^2/NDF:174130375.4/22

+ sign 3.560+/-0.000 χ^2/NDF: 4250178254076.7/56

All: 3.038+/-0.000 χ^2/NDF: 1388088210800

- sign 2.581+/-0.000 χ^2/NDF: 1255766856343147.0

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

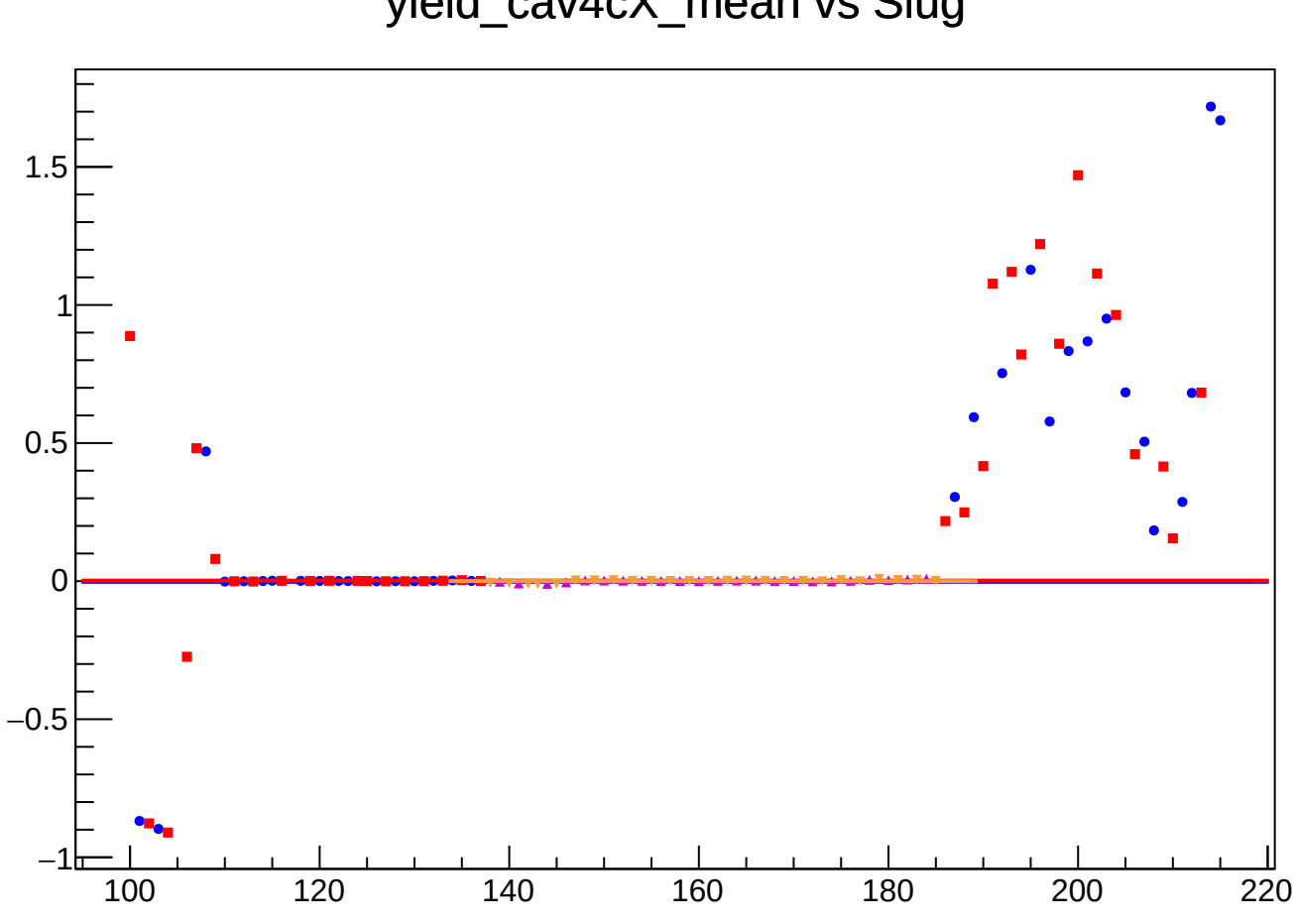
Right Out: 0.000+/-0.000 χ^2/NDF: 26923893.8/33

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: 115185868.6/113

- sign 0.000+/-0.000 χ^2/NDF: 56727889.9/56



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: 3043735807.3/33

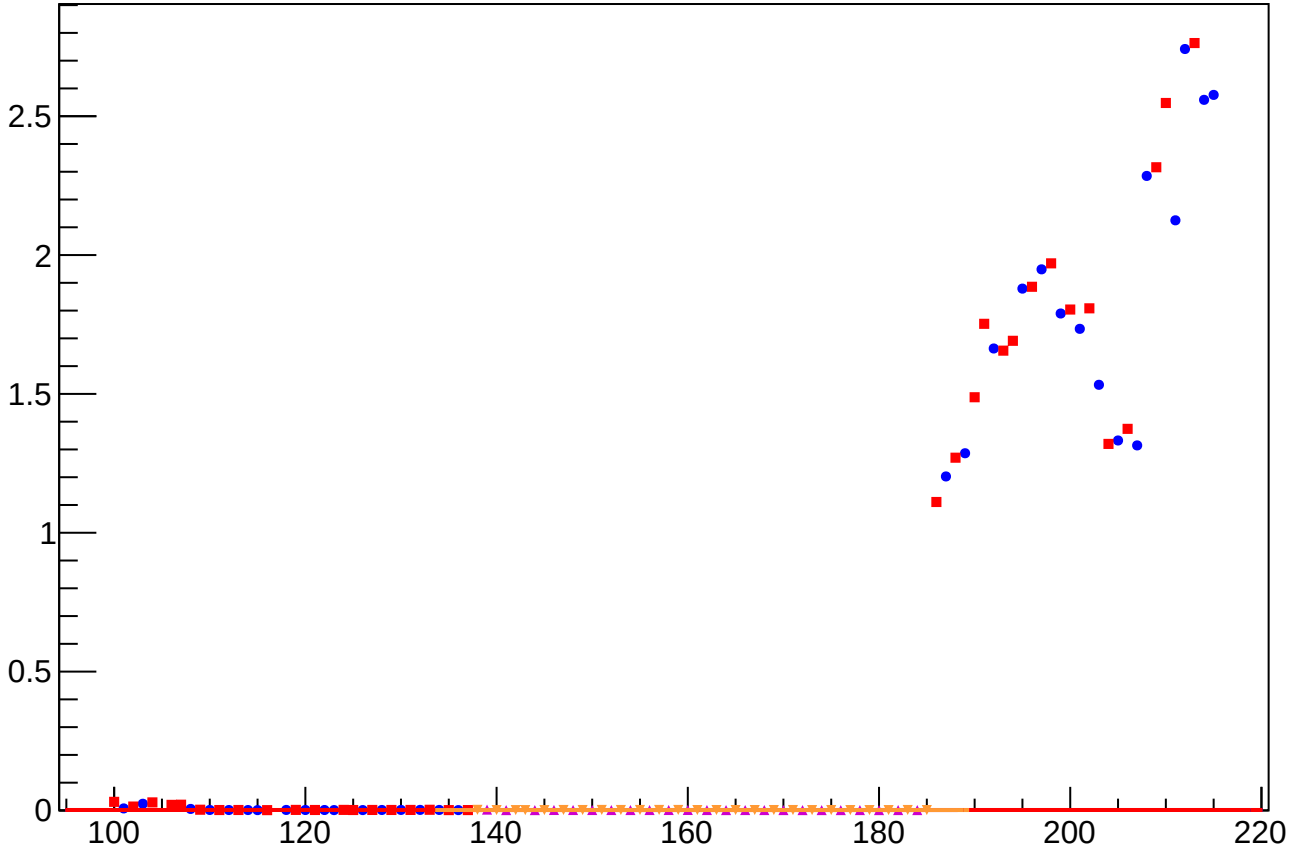
Left In: 0.001+/-0.000 χ^2/NDF:101468517.6/22

+ sign -0.001+/-0.000 χ^2/NDF: 9955704990.3/56

All: 0.000+/-0.000 χ^2/NDF: 13110439683.3/1

- sign 0.001+/-0.000 χ^2/NDF: 3147183634.5/56

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

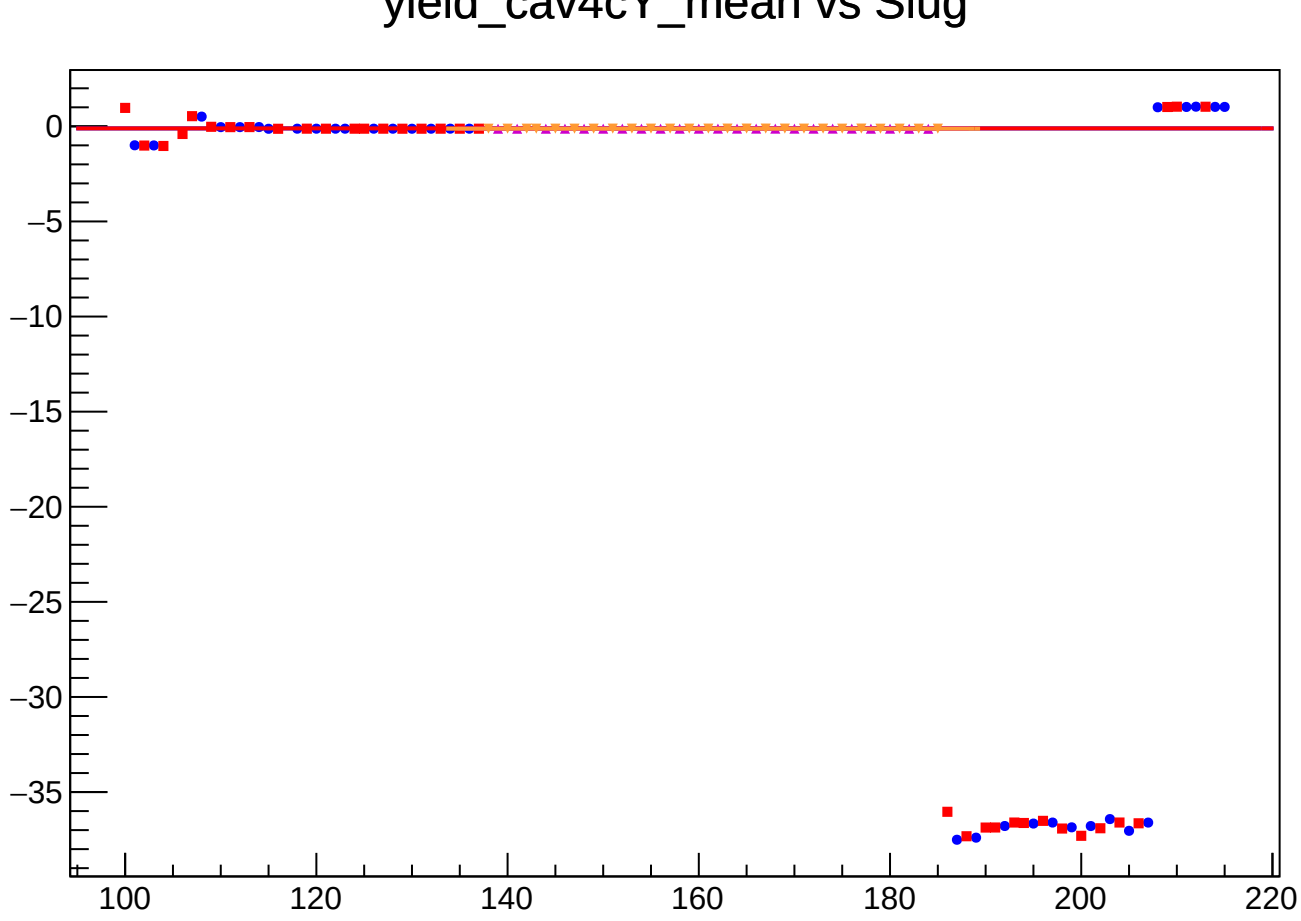
Right Out: 0.002+/-0.000 χ^2/NDF: 22696840.0/33

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: 46718255.0/113

- sign 0.002+/-0.000 χ^2/NDF: 23467665.9/56



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: -0.107+/-0.000 χ^2/NDF: 87770038442.9/33

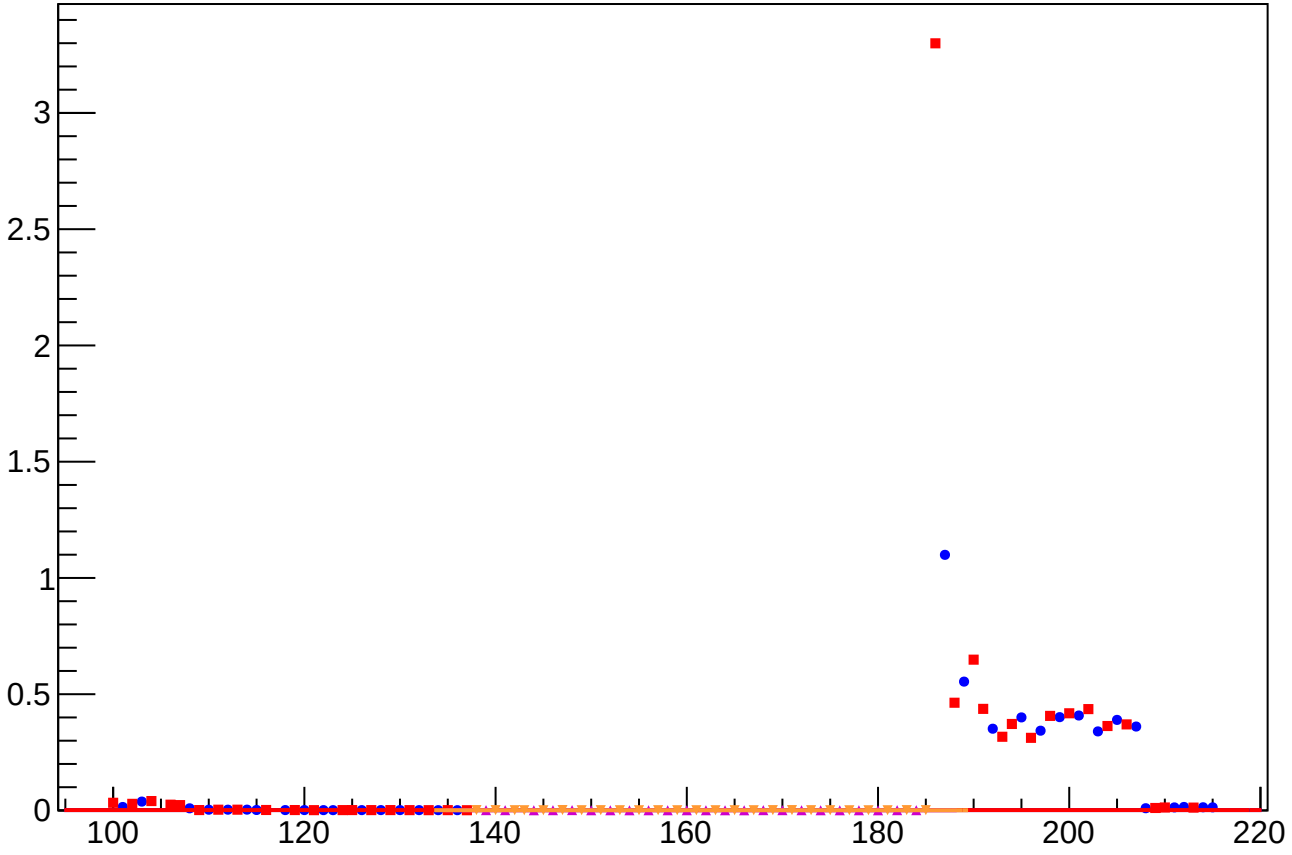
Left In: -0.121+/-0.000 χ^2/NDF:53134323.3/22

+ sign -0.120+/-0.000 χ^2/NDF: 92381408875.2/56

All: -0.120+/-0.000 χ^2/NDF: 180519158515.2

- sign -0.120+/-0.000 χ^2/NDF: 88136454775.0/56

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: 21616744.8/33

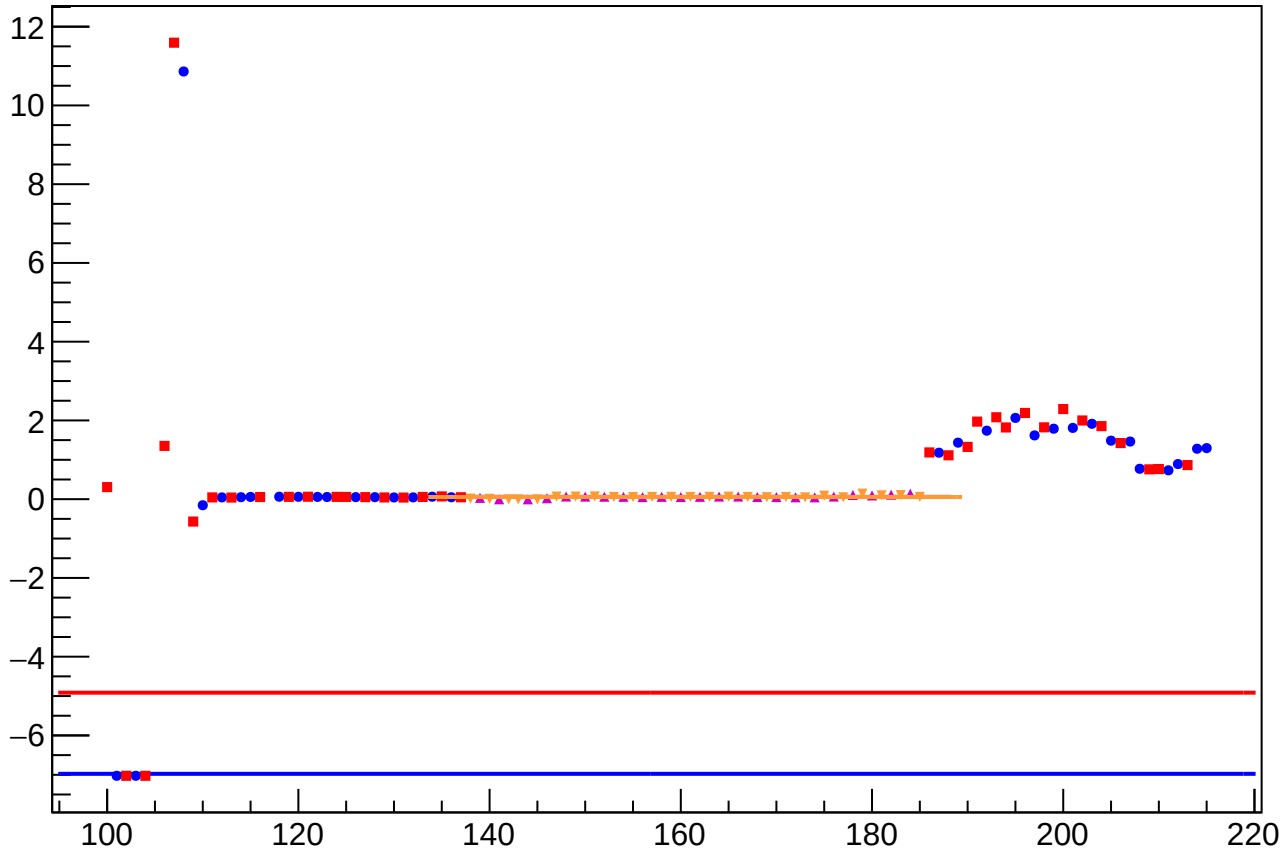
Left In: 0.001+/-0.000 χ^2/NDF:972588.0/22

+ sign 0.001+/-0.000 χ^2/NDF: 24368915.4/56

All: 0.001+/-0.000 χ^2/NDF: 48448044.5/113

- sign 0.001+/-0.000 χ^2/NDF: 24078237.1/56

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: 365348816745207.2/33

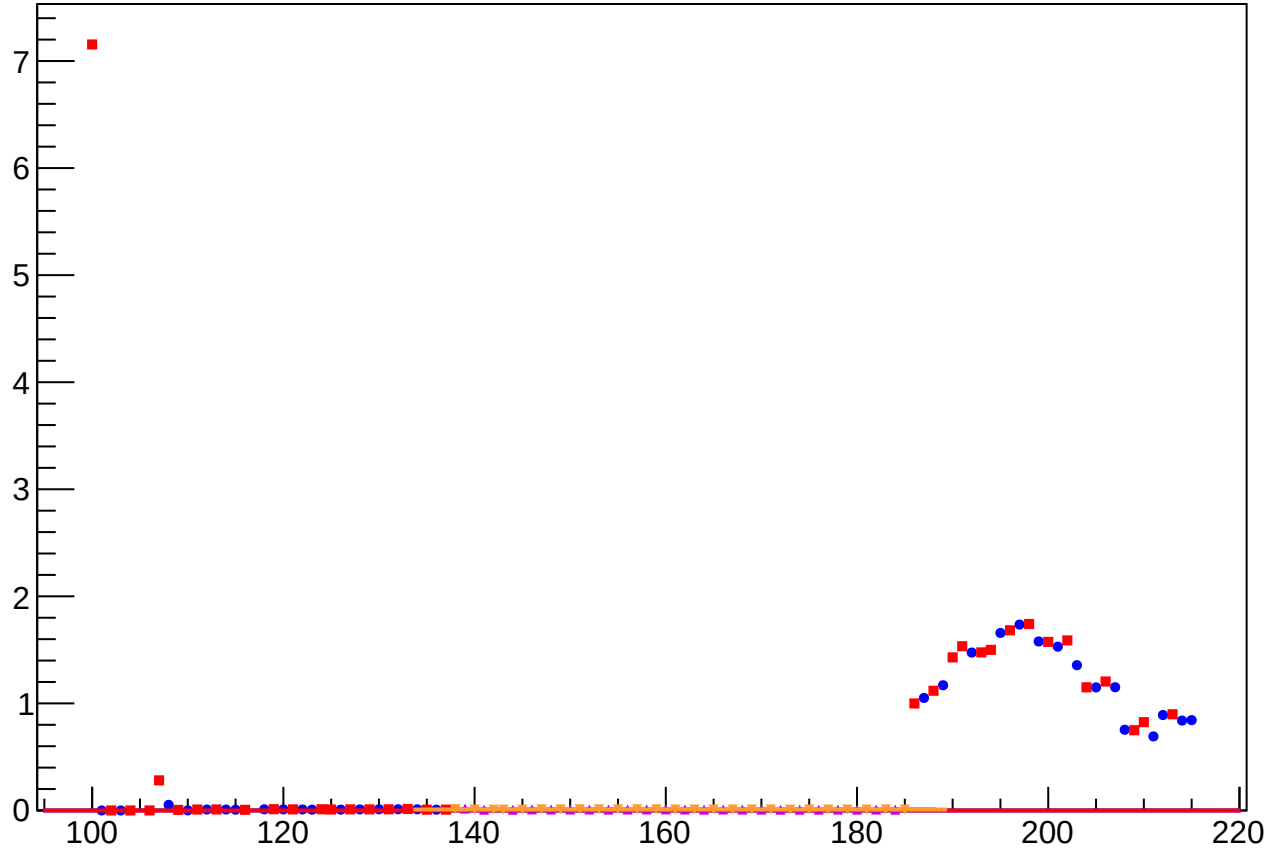
Left In: 0.059+/-0.000 χ^2/NDF:178713649.9/22

+ sign -6.921+/-0.000 χ^2/NDF: 18418045590780.8/

All: -5.858+/-0.000 χ^2/NDF: 4435819919553

- sign -4.882+/-0.000 χ^2/NDF: 369771105969003.8

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

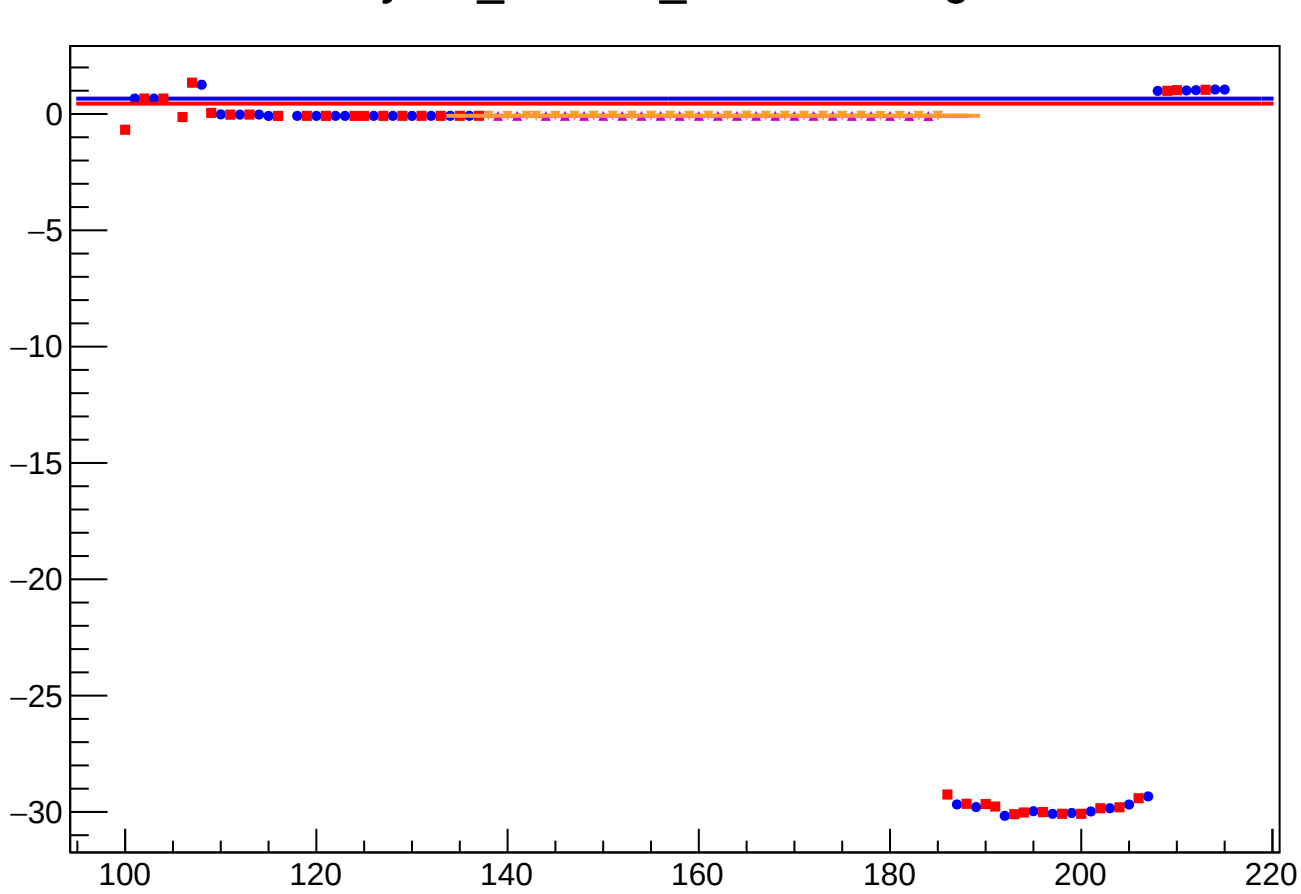
Right Out: 0.000+/-0.000 χ^2/NDF: 28458966.4/33

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: 114083289.3/113

- sign 0.000+/-0.000 χ^2/NDF: 56131795.8/56



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: 405482589419391.6/33

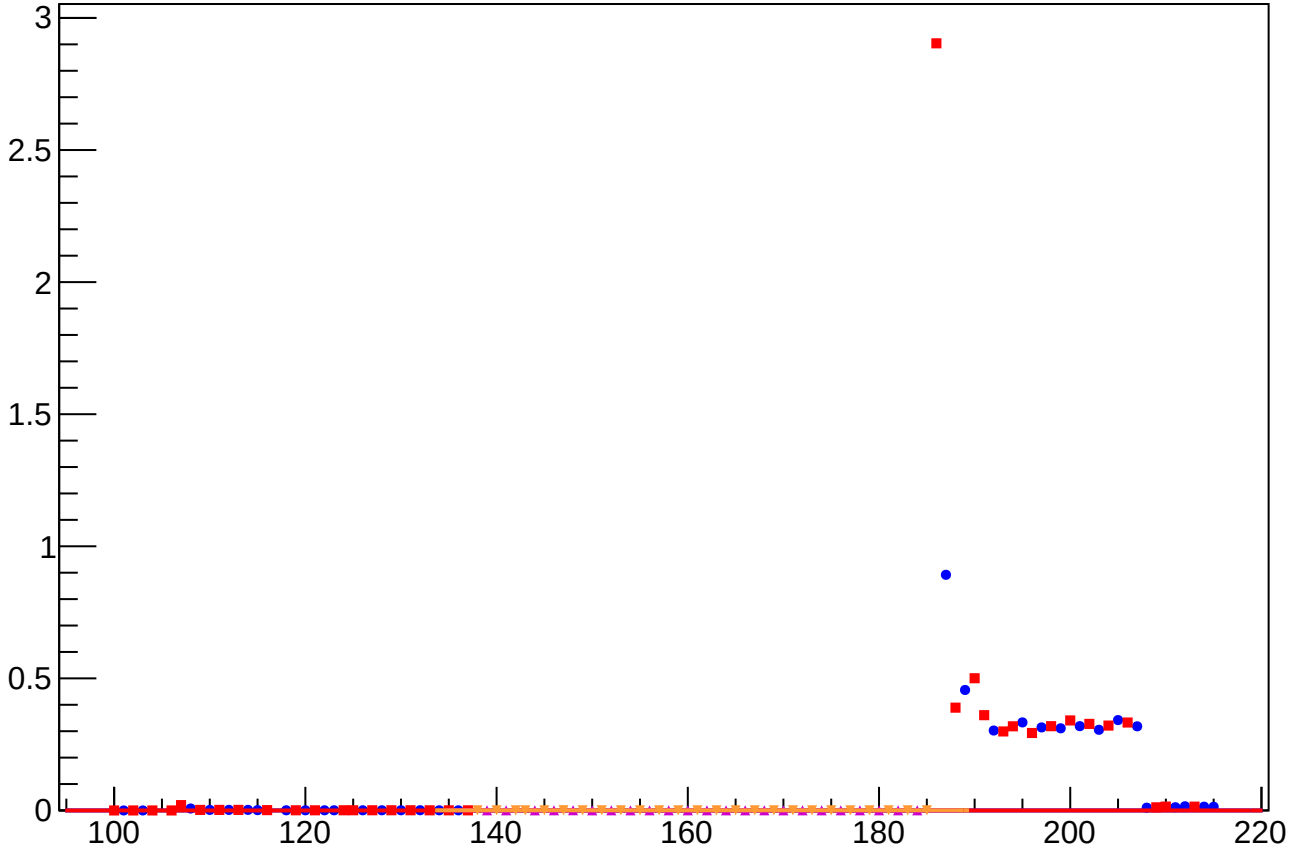
Left In: -0.077+/-0.000 χ^2/NDF:111221084.5/22

+ sign 0.646+/-0.000 χ^2/NDF: 35816059646158.3/5

All: 0.537+/-0.000 χ^2/NDF: 5161111053171

- sign 0.437+/-0.000 χ^2/NDF: 419714230427020.4/

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: 29028855.2/33

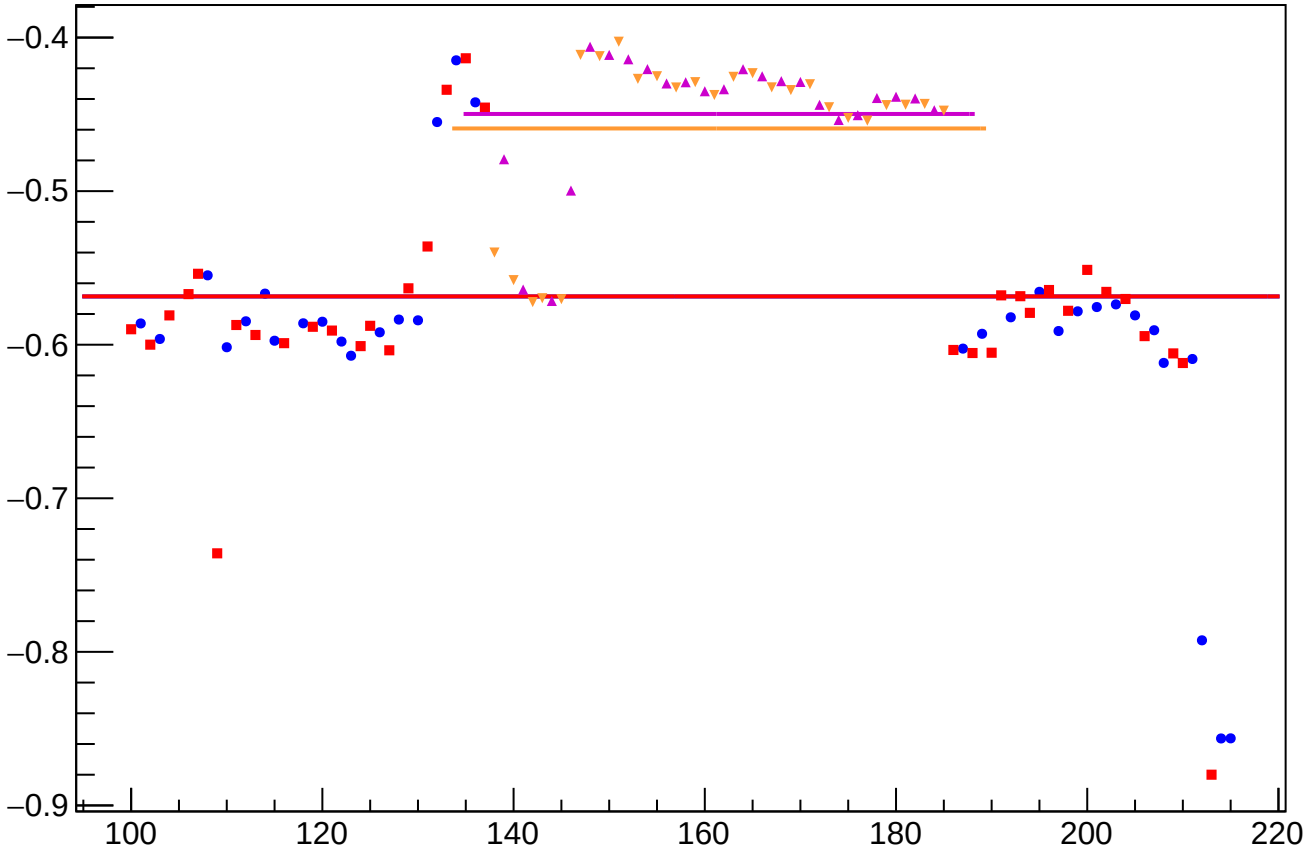
Left In: 0.001+/-0.000 χ^2/NDF:355587.5/22

+ sign 0.000+/-0.000 χ^2/NDF: 62995090.4/56

All: 0.000+/-0.000 χ^2/NDF: 123061719.9/113

- sign 0.000+/-0.000 χ^2/NDF: 60059089.4/56

yield_bpm4aX_mean vs Slug



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: -0.569+/-0.000 χ^2/NDF: 88486301.6/33

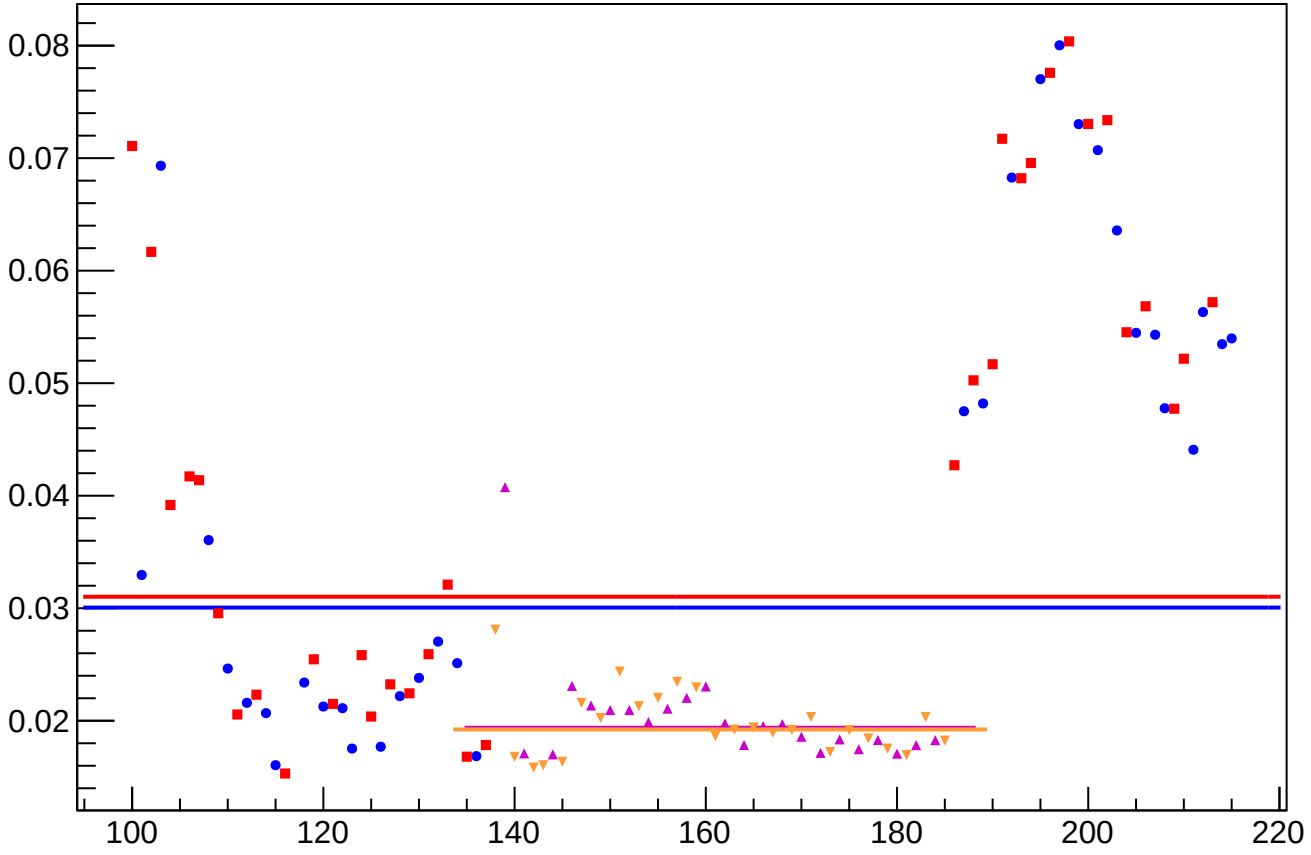
Left In: -0.450+/-0.000 χ^2/NDF:76151485.7/22

+ sign -0.487+/-0.000 χ^2/NDF: 339381516.7/56

All: -0.483+/-0.000 χ^2/NDF: 638392130.4/11

- sign -0.480+/-0.000 χ^2/NDF: 297792902.3/56

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: 7184859.2/33

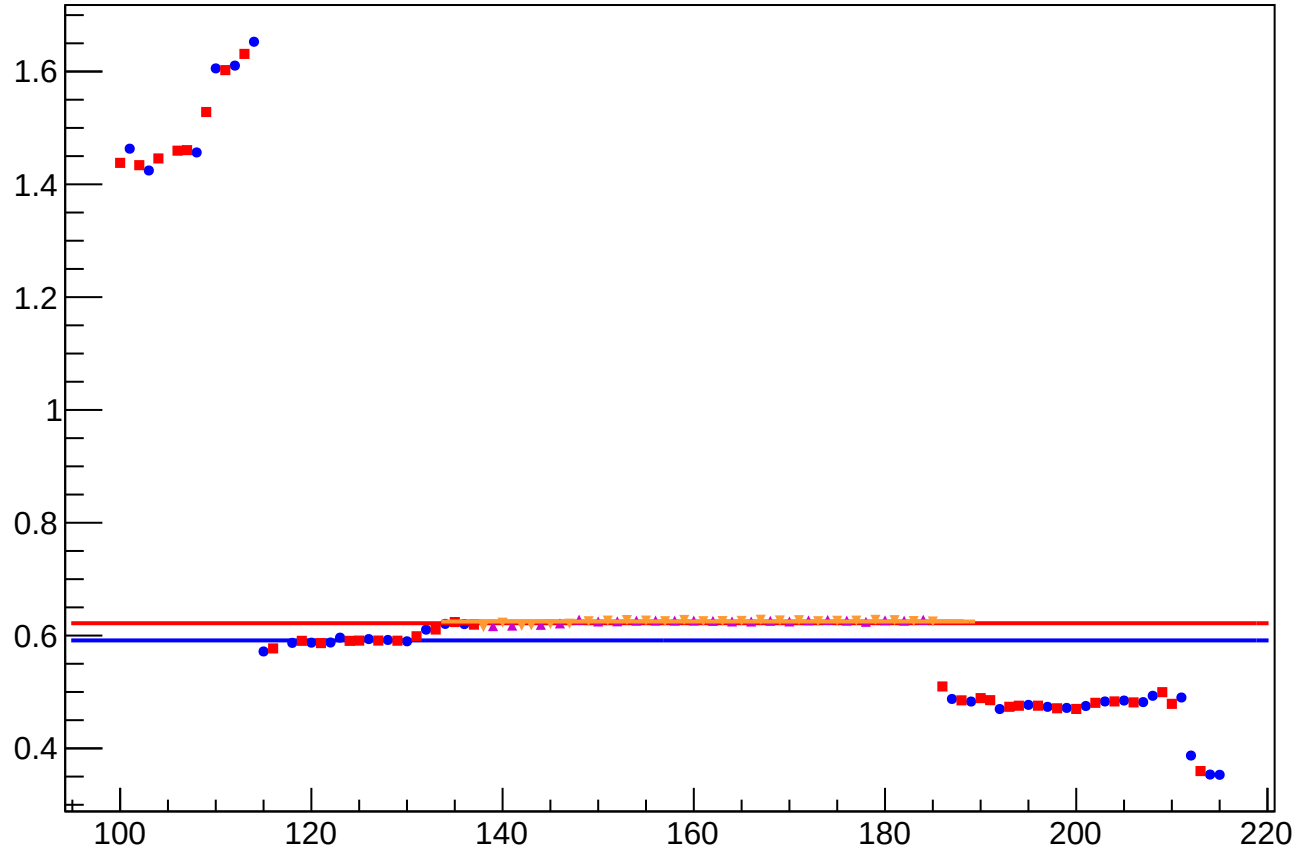
Left In: 0.019+/-0.000 χ^2/NDF:656155.9/22

+ sign 0.022+/-0.000 χ^2/NDF: 10367624.5/56

All: 0.022+/-0.000 χ^2/NDF: 20774837.2/113

- sign 0.022+/-0.000 χ^2/NDF: 10399827.6/56

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: 0.622+/-0.000 χ^2/NDF: 6321066117.3/33

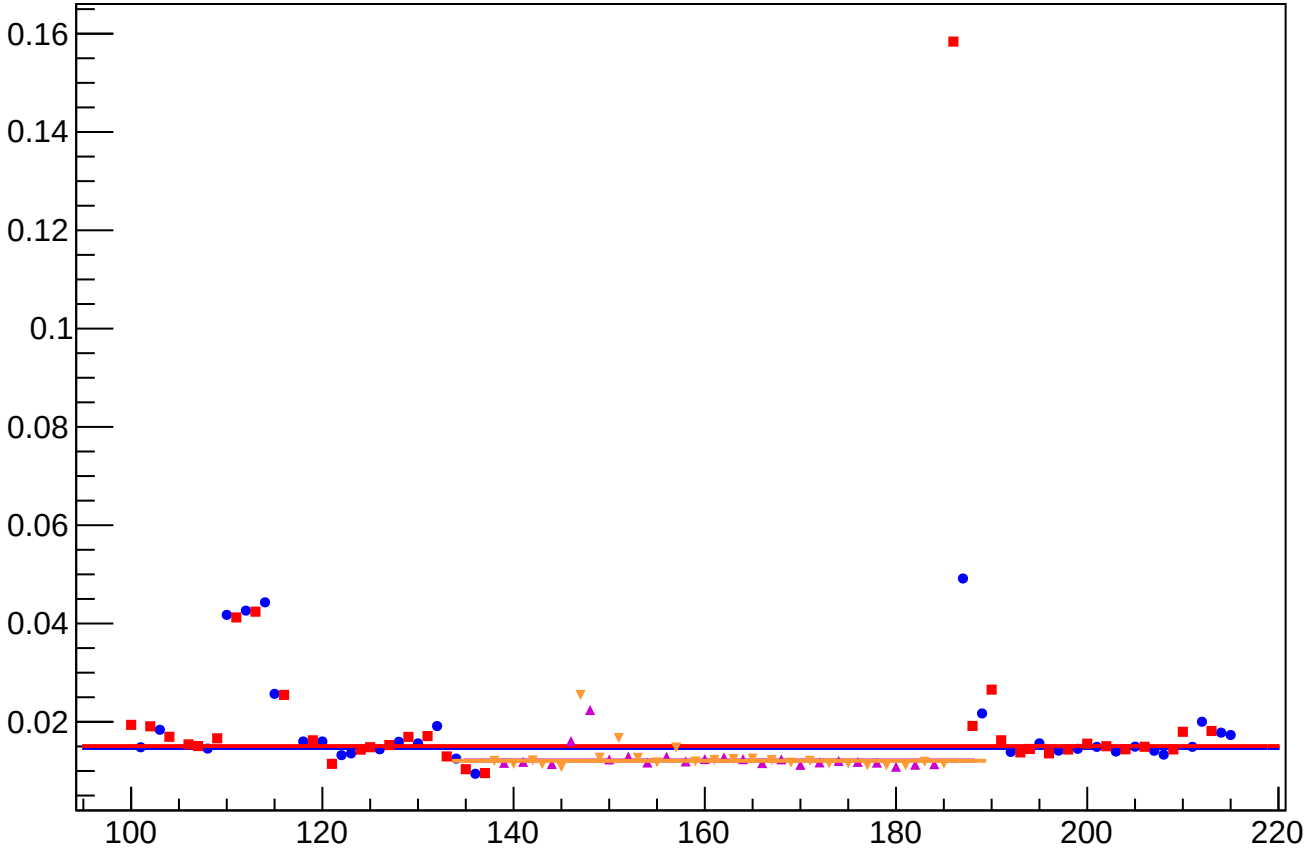
Left In: 0.625+/-0.000 χ^2/NDF:1135039.4/22

+ sign 0.612+/-0.000 χ^2/NDF: 5543160430.9/56

All: 0.618+/-0.000 χ^2/NDF: 11877823998.6/1

- sign 0.624+/-0.000 χ^2/NDF: 6322570884.9/56

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: 2156935.1/33

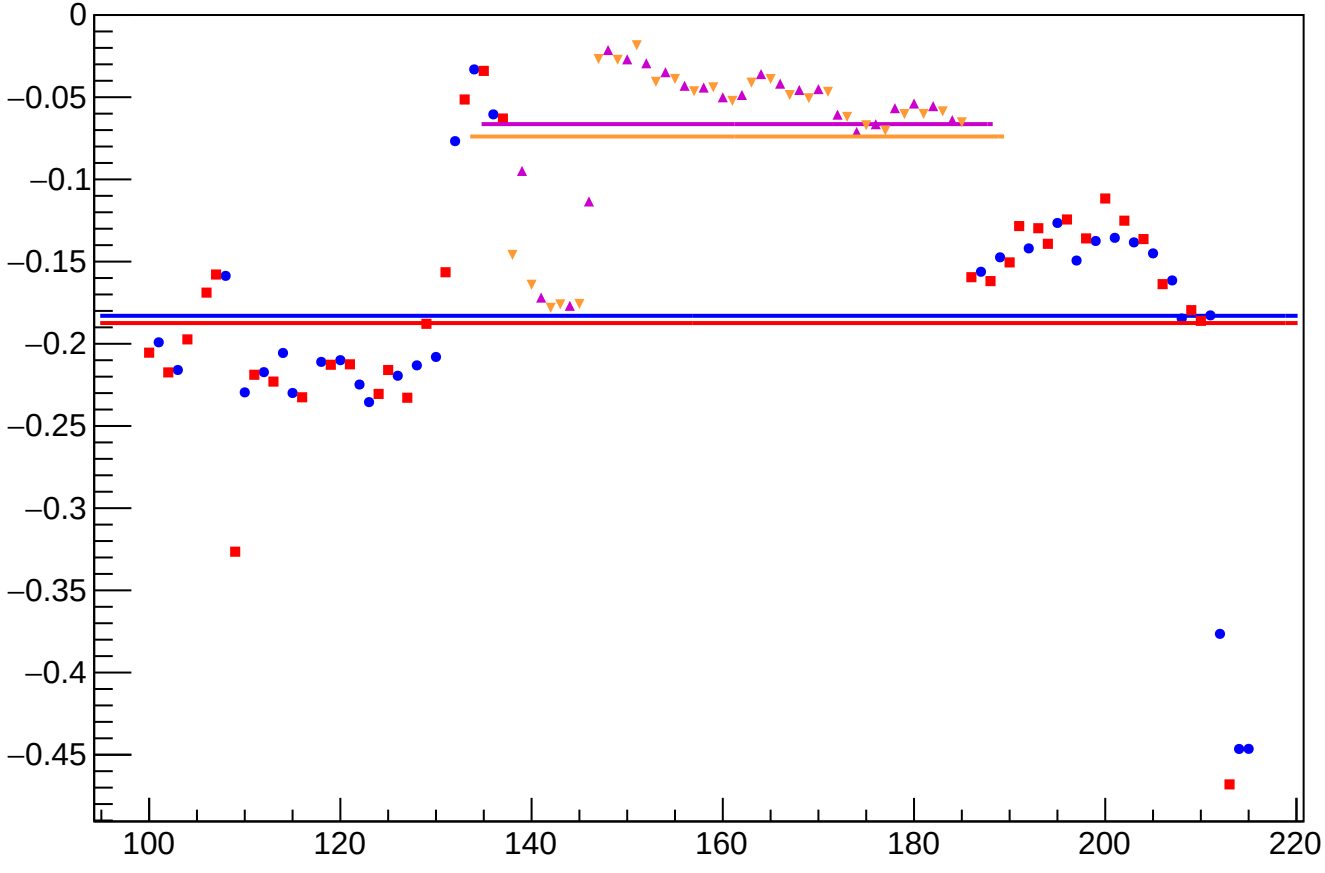
Left In: 0.012+/-0.000 χ^2/NDF:488249.4/22

+ sign 0.013+/-0.000 χ^2/NDF: 3124689.3/56

All: 0.013+/-0.000 χ^2/NDF: 6502504.8/113

- sign 0.013+/-0.000 χ^2/NDF: 3372171.3/56

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: -0.187+/-0.000 χ^2/NDF: 106124003.8/33

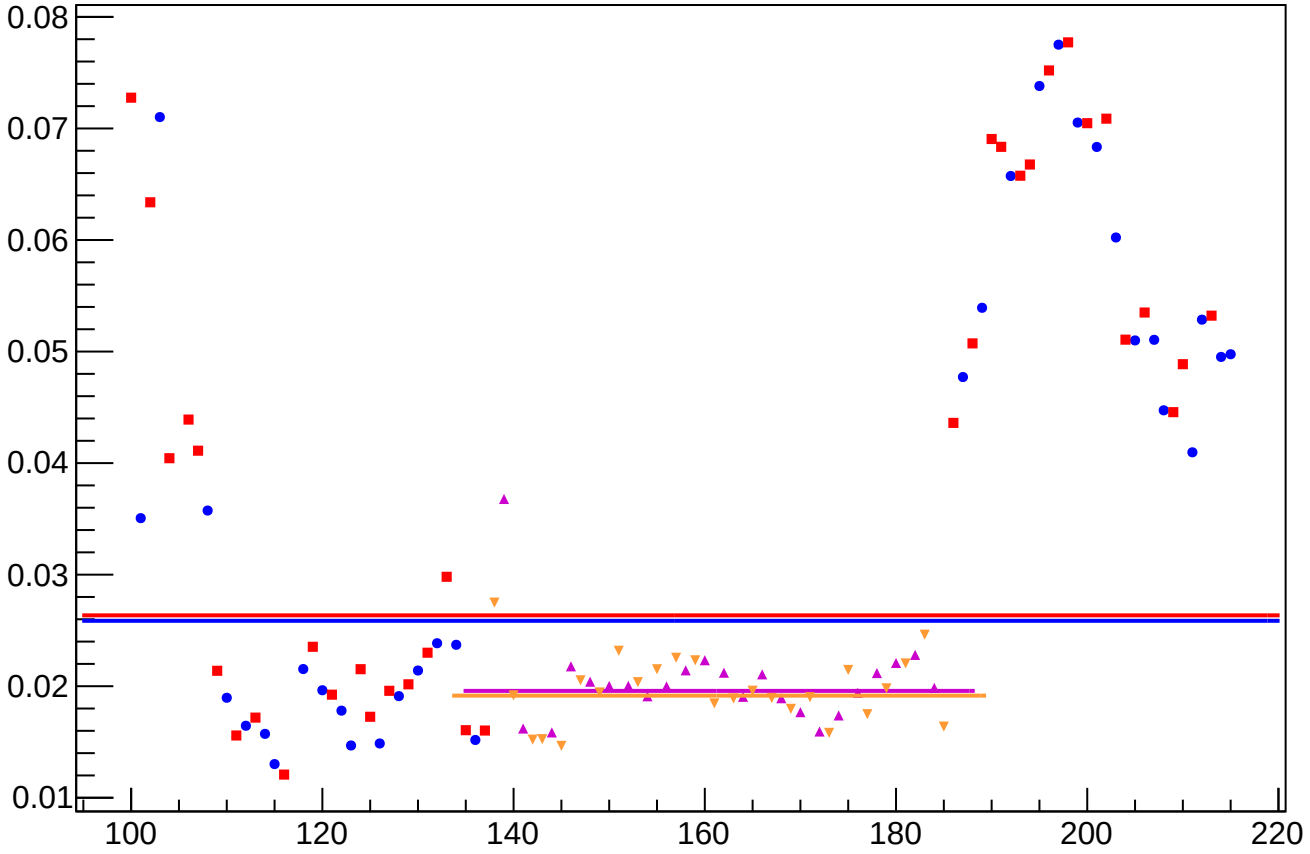
Left In: -0.066+/-0.000 χ^2/NDF:76283954.4/22

+ sign -0.106+/-0.000 χ^2/NDF: 372088272.8/56

All: -0.105+/-0.000 χ^2/NDF: 721567441.2/11

- sign -0.103+/-0.000 χ^2/NDF: 349247901.6/56

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: 0.026+/-0.000 χ^2/NDF: 8765518.7/33

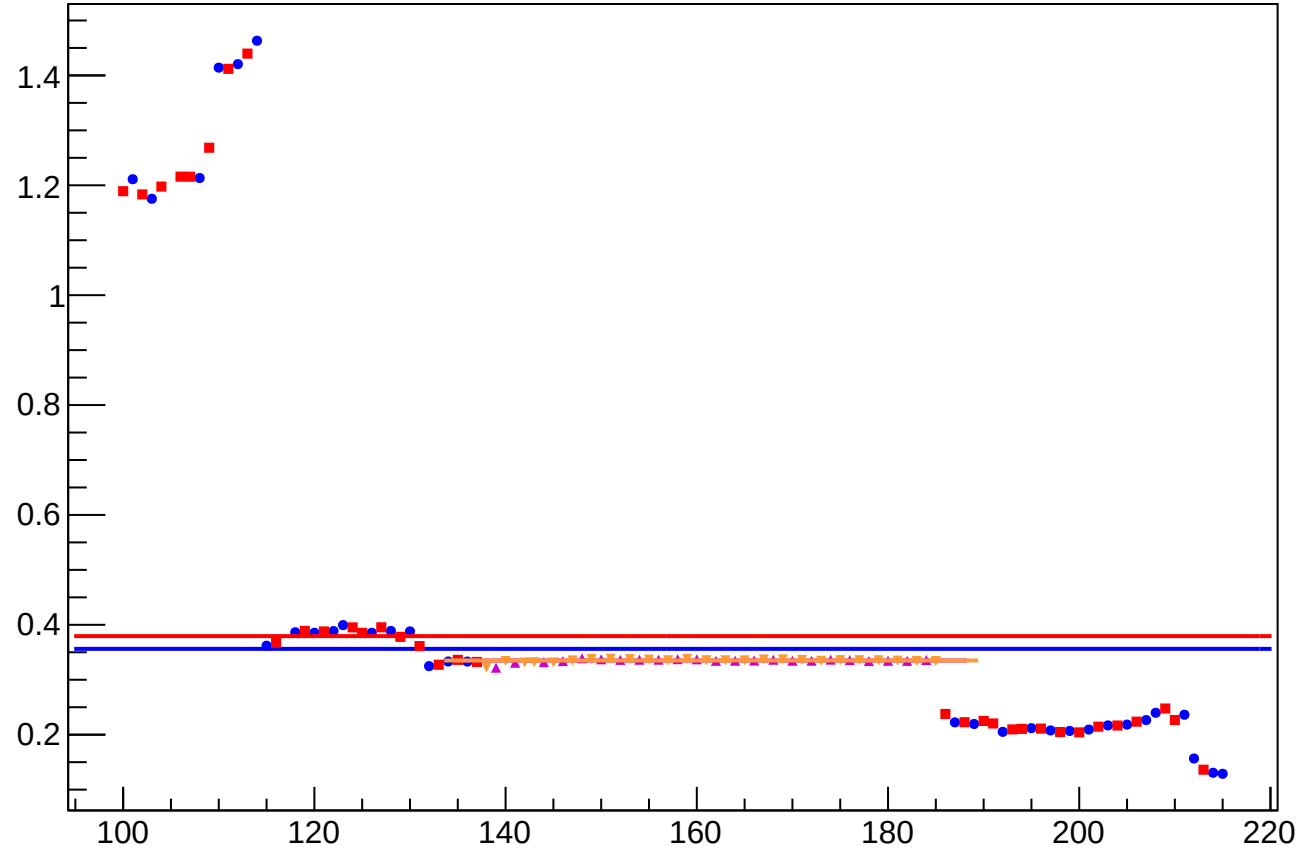
Left In: 0.020+/-0.000 χ^2/NDF:651328.7/22

+ sign 0.021+/-0.000 χ^2/NDF: 10522871.4/56

All: 0.021+/-0.000 χ^2/NDF: 20999071.4/113

- sign 0.022+/-0.000 χ^2/NDF: 10461692.1/56

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: 0.379+/-0.000 χ^2/NDF: 8819291176.3/33

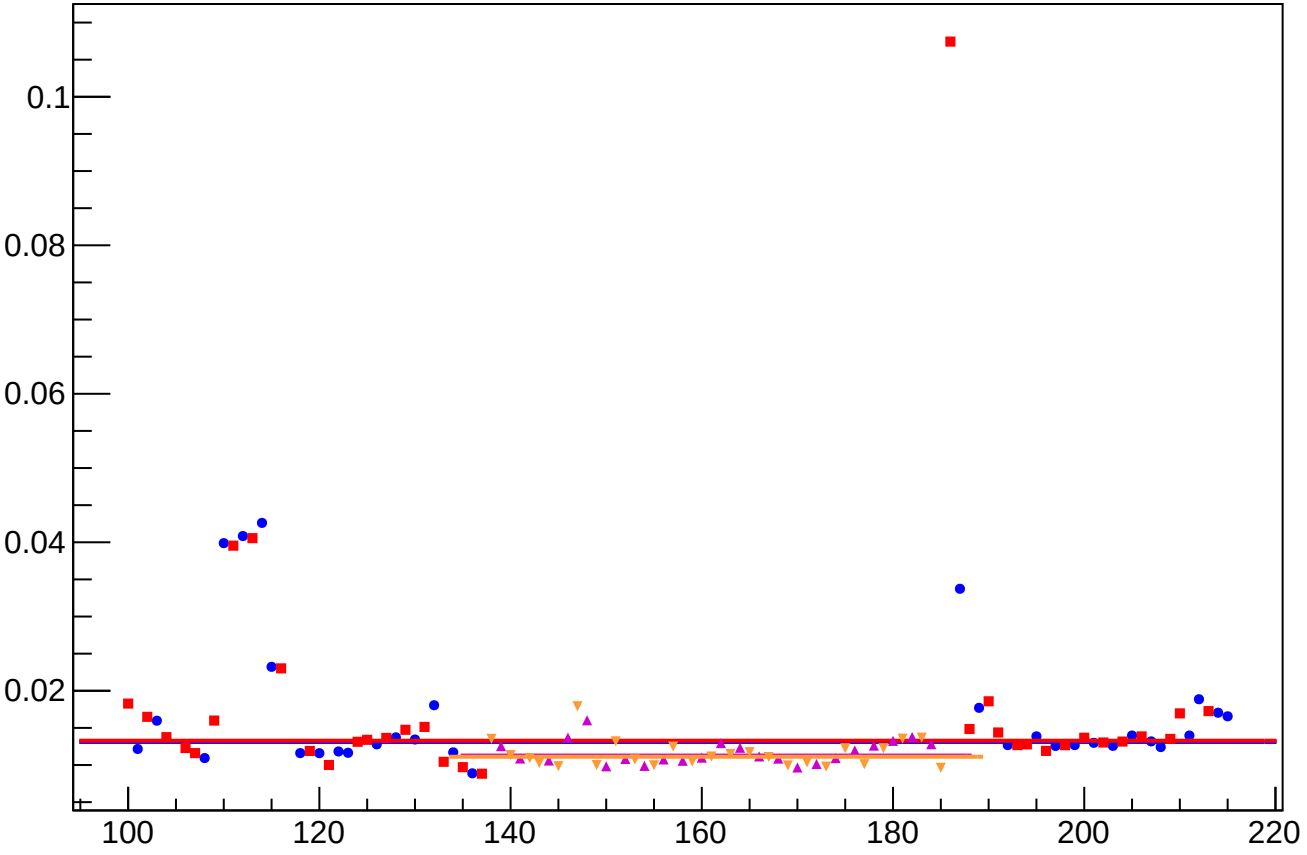
Left In: 0.335+/-0.000 χ^2/NDF:1198302.8/22

+ sign 0.343+/-0.000 χ^2/NDF: 7956321091.9/56

All: 0.348+/-0.000 χ^2/NDF: 16889303045.2/1

- sign 0.353+/-0.000 χ^2/NDF: 8923188038.1/56

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

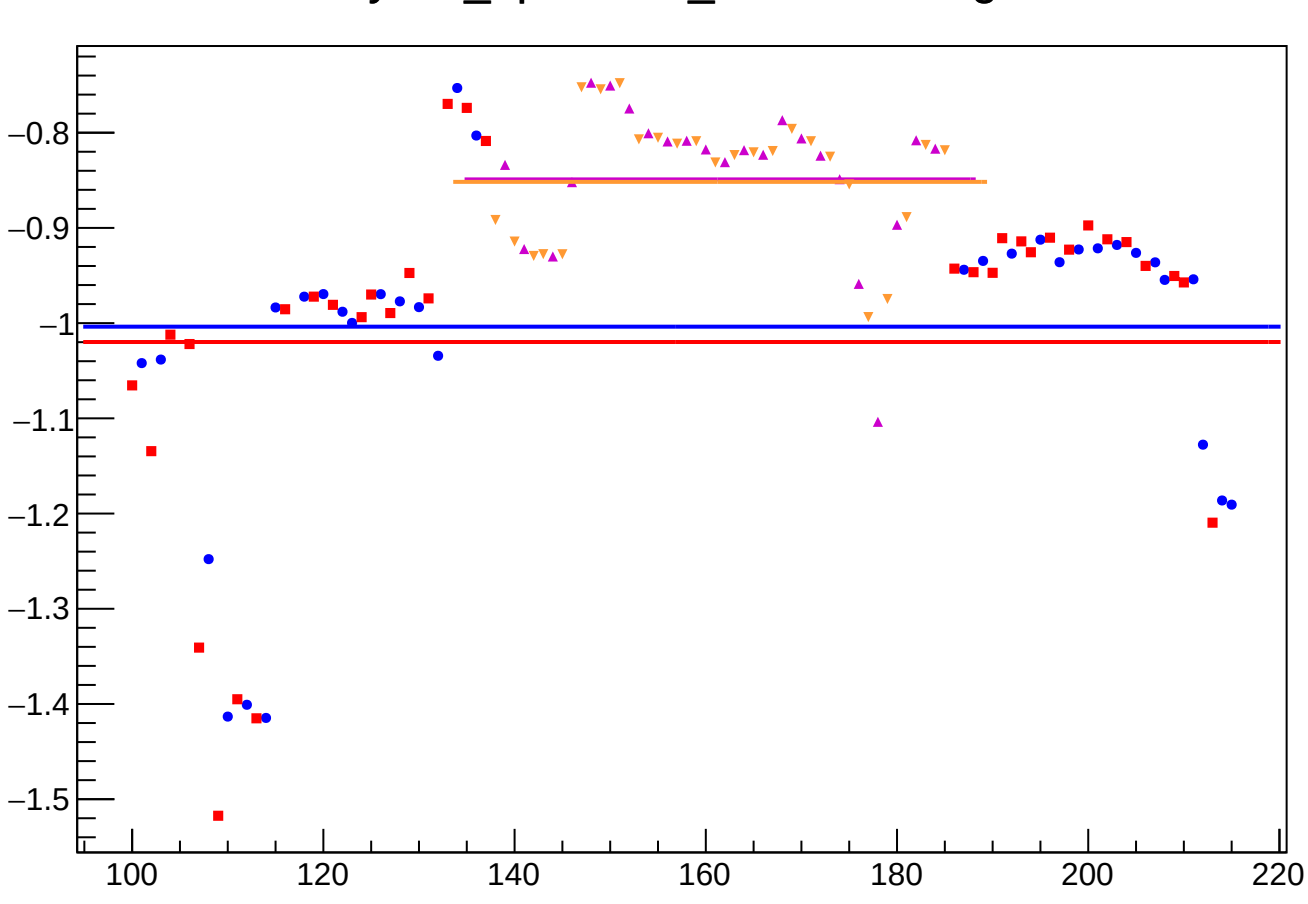
Right Out: 0.013+/-0.000 χ^2/NDF: 2089755.1/33

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: 5893743.3/113

- sign 0.012+/-0.000 χ^2/NDF: 3008945.1/56



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: -1.020+/-0.000 χ^2/NDF: 567656432.7/33

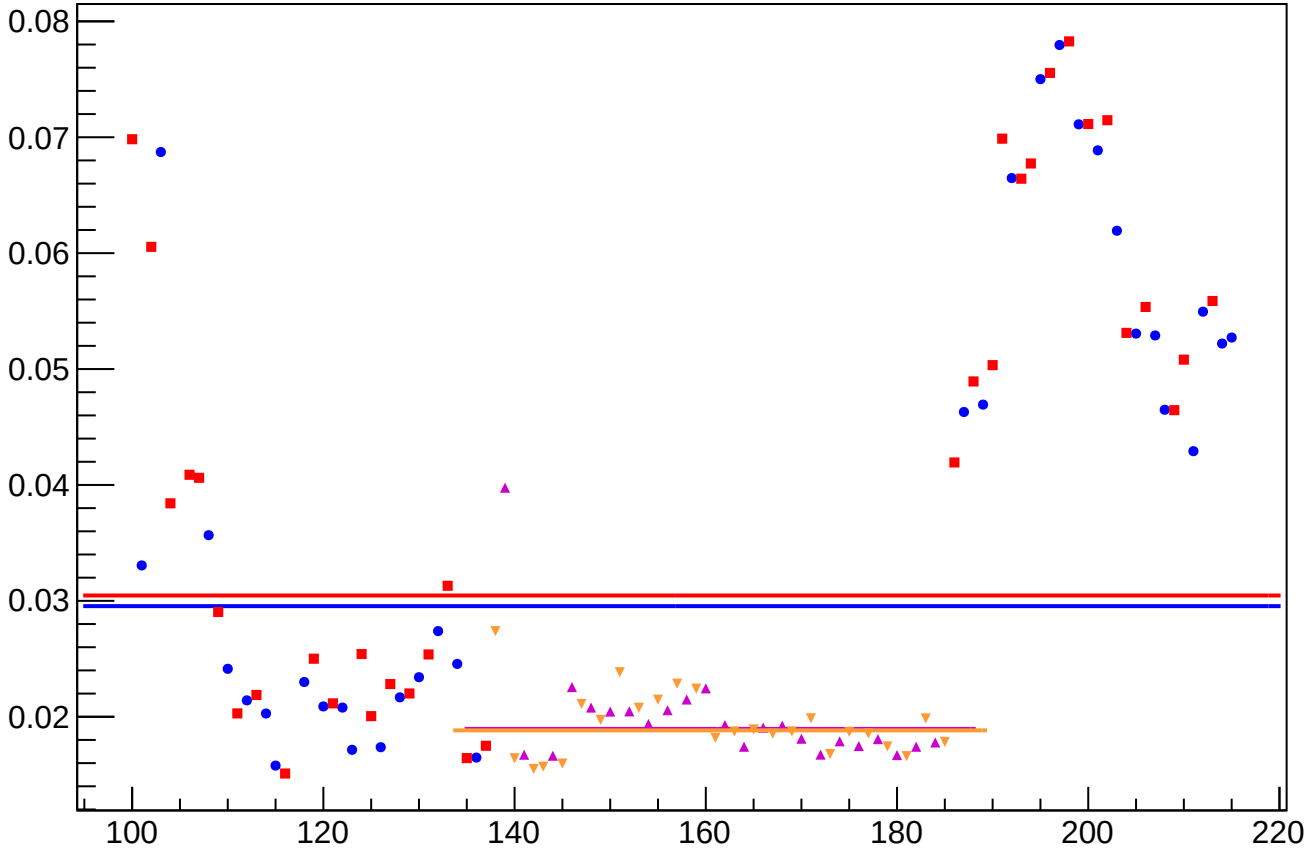
Left In: -0.849+/-0.000 χ^2/NDF:256438306.8/22

+ sign -0.890+/-0.000 χ^2/NDF: 857957588.3/56

All: -0.891+/-0.000 χ^2/NDF: 1968659501.5/1

- sign -0.892+/-0.000 χ^2/NDF: 1110556441.8/56

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: 0.030+/-0.000 χ^2/NDF: 7106194.8/33

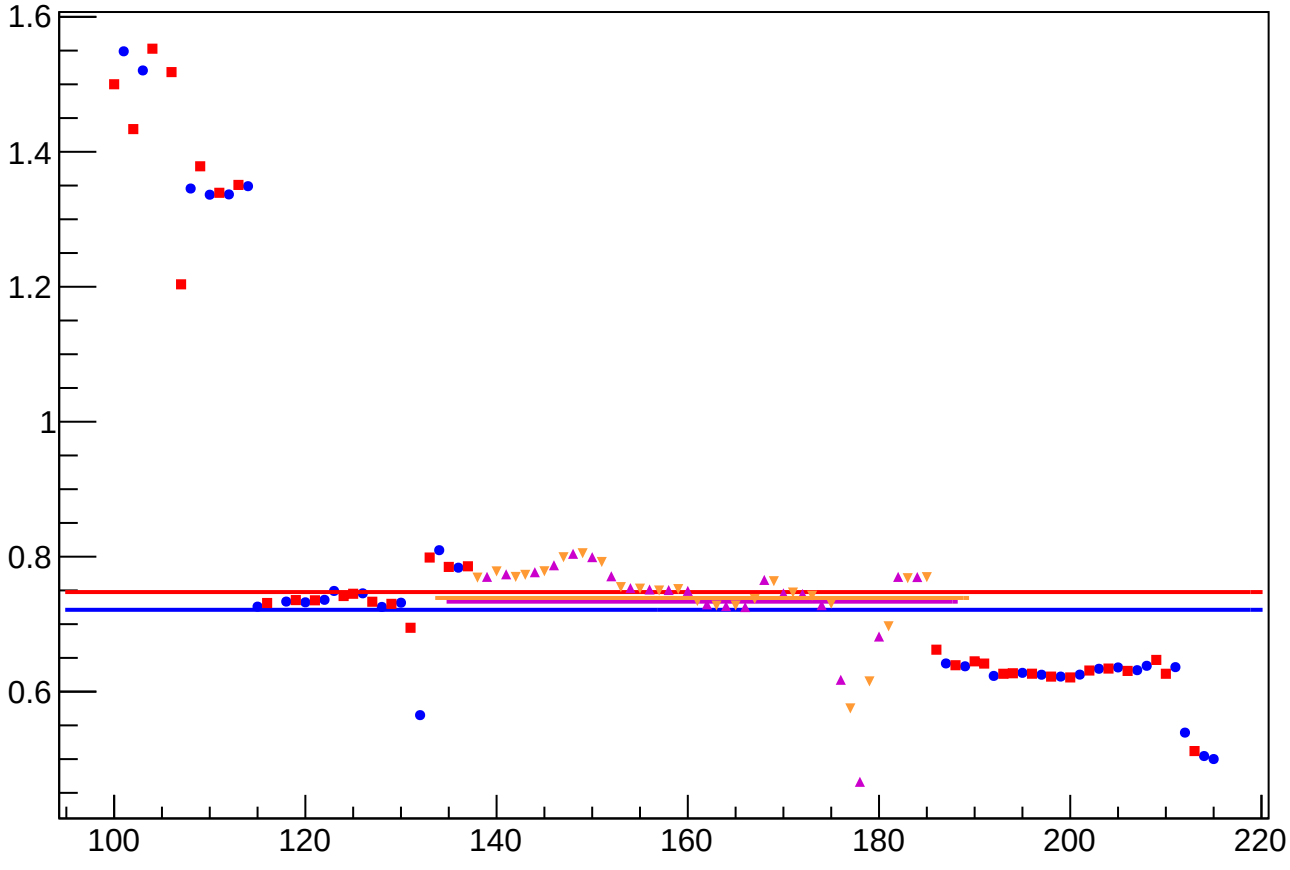
Left In: 0.019+/-0.000 χ^2/NDF:645048.1/22

+ sign 0.022+/-0.000 χ^2/NDF: 10333318.4/56

All: 0.022+/-0.000 χ^2/NDF: 20694763.8/113

- sign 0.022+/-0.000 χ^2/NDF: 10355313.4/56

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: 0.748+/-0.000 χ^2/NDF: 3969186180.7/33

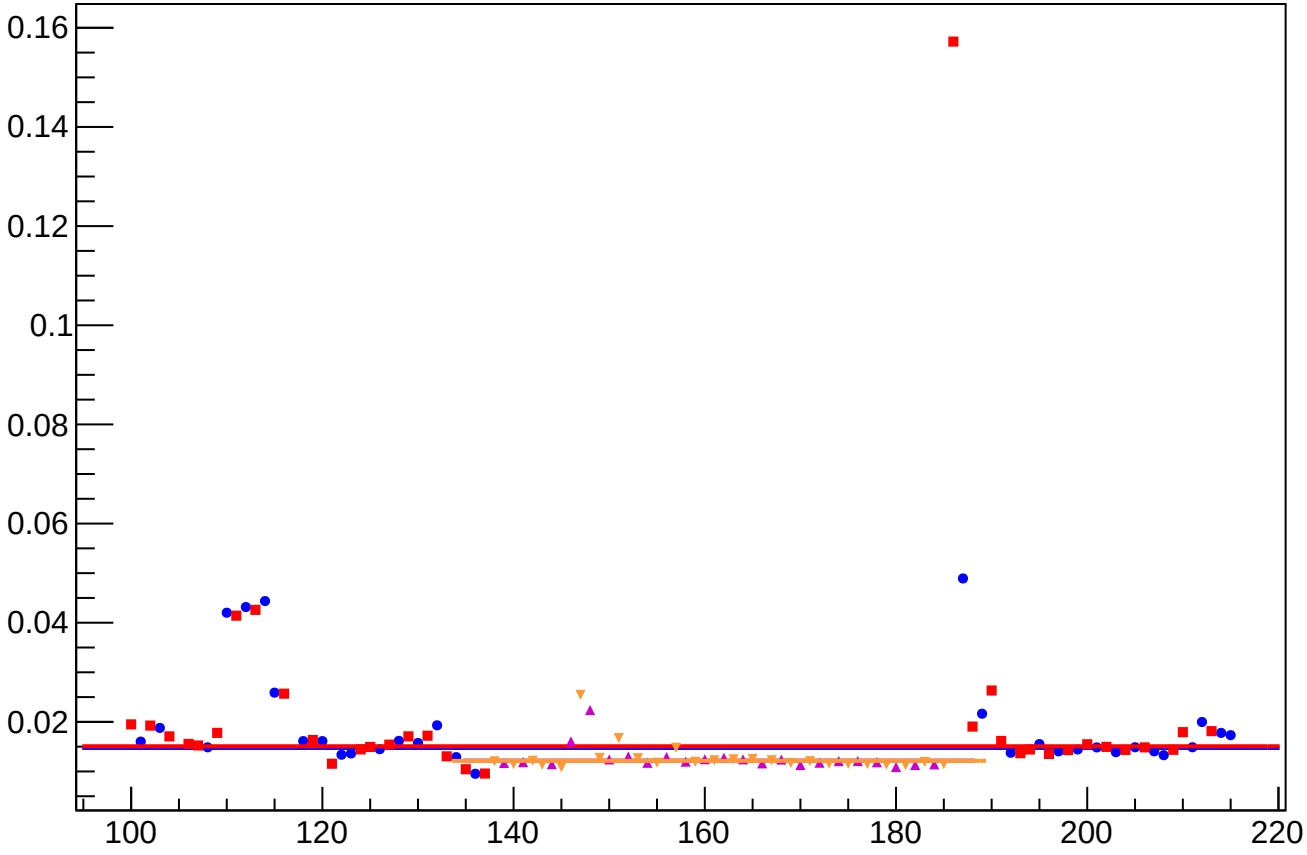
Left In: 0.733+/-0.000 χ^2/NDF:570264411.7/22

+ sign 0.732+/-0.000 χ^2/NDF: 4170614975.1/56

All: 0.735+/-0.000 χ^2/NDF: 8722415321.0/11

- sign 0.739+/-0.000 χ^2/NDF: 4547994875.5/56

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: 2159488.4/33

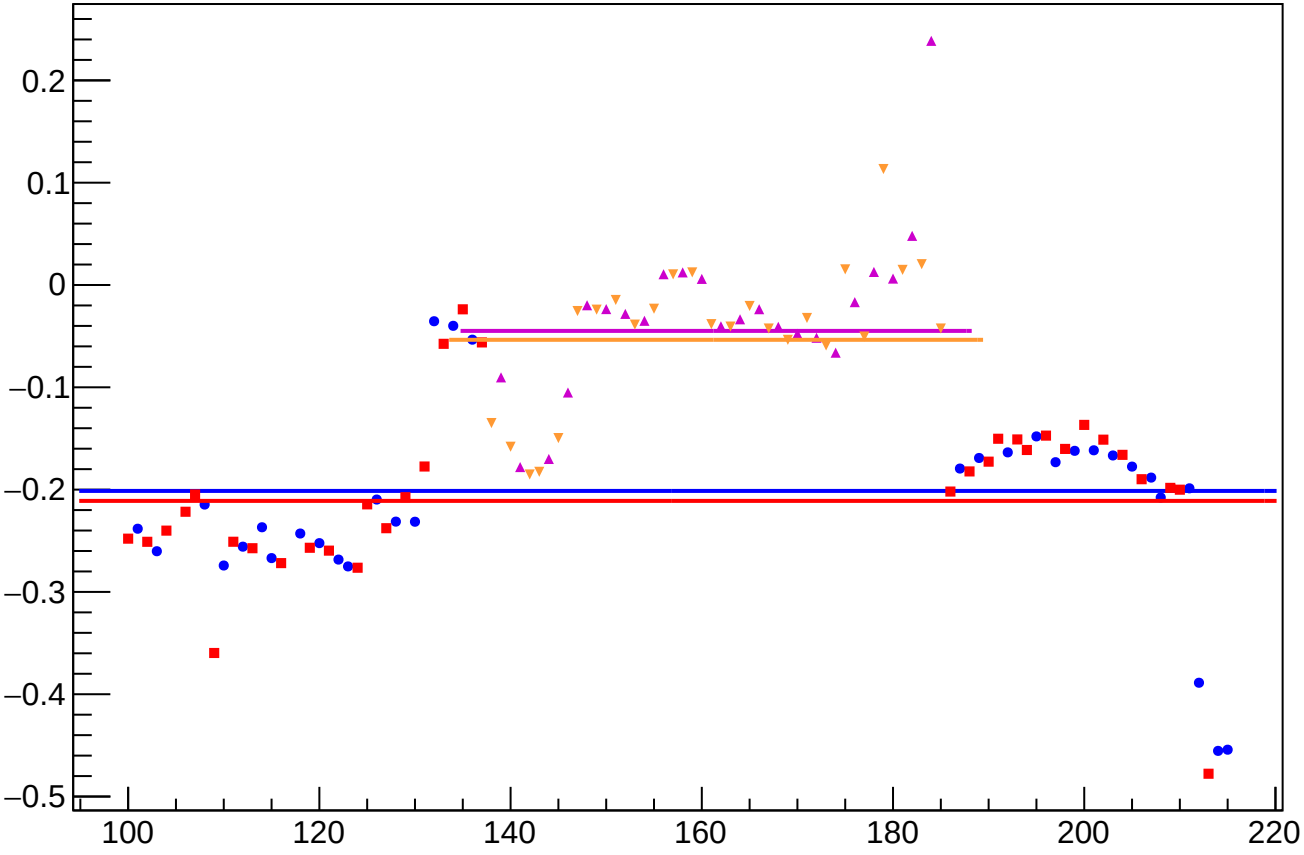
Left In: 0.012+/-0.000 χ^2/NDF:481639.6/22

+ sign 0.013+/-0.000 χ^2/NDF: 3089506.7/56

All: 0.013+/-0.000 χ^2/NDF: 6441689.5/113

- sign 0.013+/-0.000 χ^2/NDF: 3347871.7/56

yield_bpm4ecX_mean vs Slug



Right In: -0.201+/-0.000 χ^2/NDF: 153397460.0/31

Left Out: -0.054+/-0.000 χ^2/NDF:167879648.0/24

Right Out: -0.211+/-0.000 χ^2/NDF: 131634957.6/33

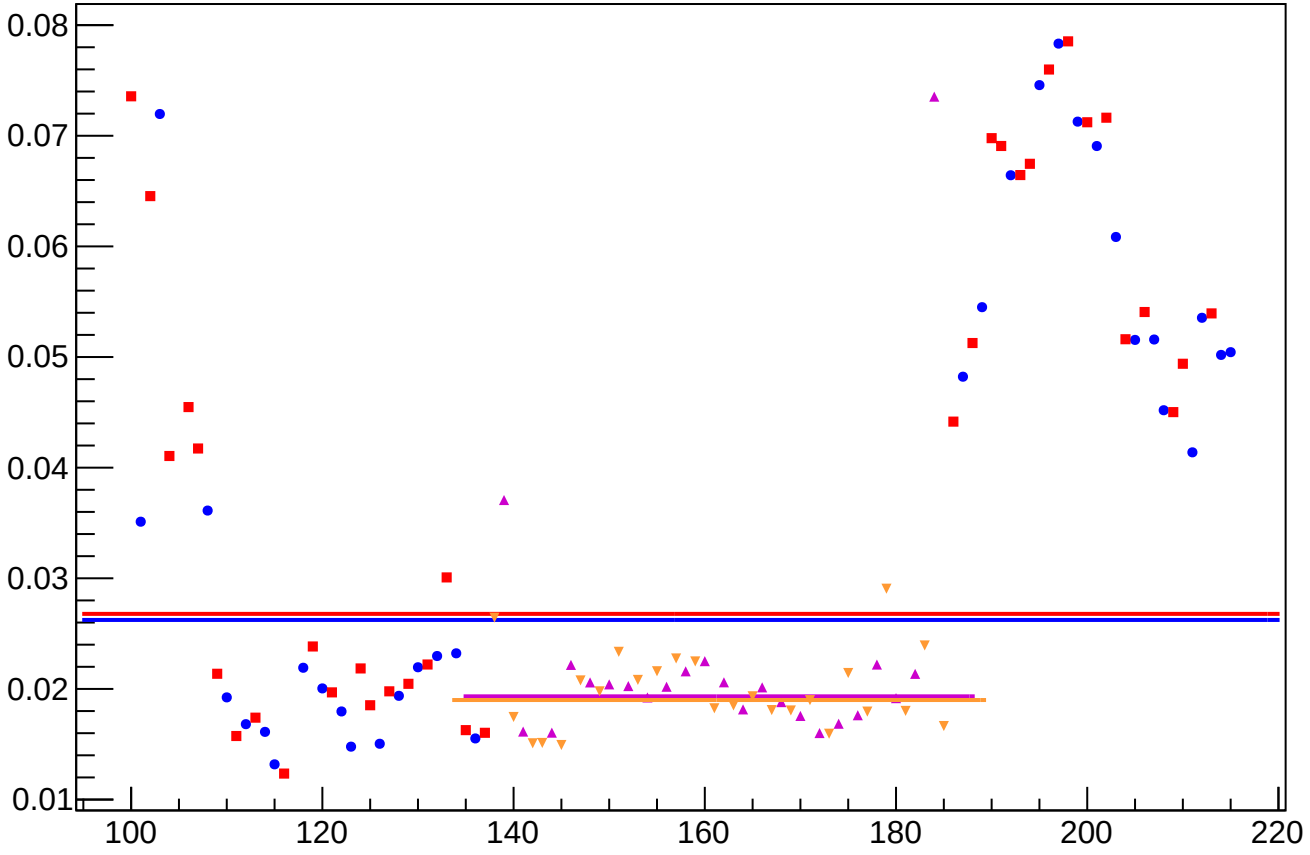
Left In: -0.045+/-0.000 χ^2/NDF:127324000.1/22

+ sign -0.097+/-0.000 χ^2/NDF: 580050566.6/56

All: -0.096+/-0.000 χ^2/NDF: 1146527622.4/1

- sign -0.094+/-0.000 χ^2/NDF: 566330377.6/56

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: 8707487.4/33

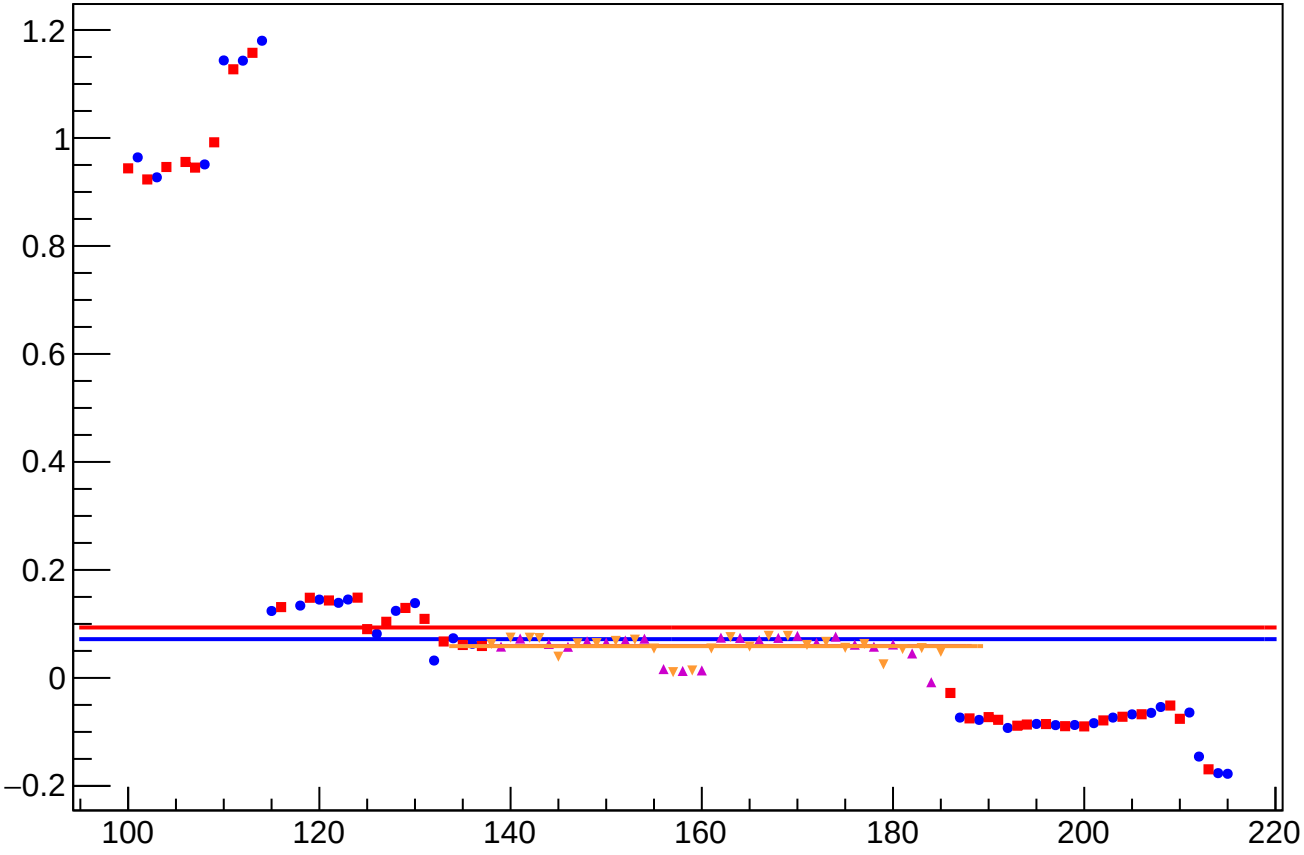
Left In: 0.019+/-0.000 χ^2/NDF:892810.7/22

+ sign 0.021+/-0.000 χ^2/NDF: 10670110.7/56

All: 0.021+/-0.000 χ^2/NDF: 21518312.1/113

- sign 0.022+/-0.000 χ^2/NDF: 10837426.0/56

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: 0.093+/-0.000 χ^2/NDF: 9346648717.7/33

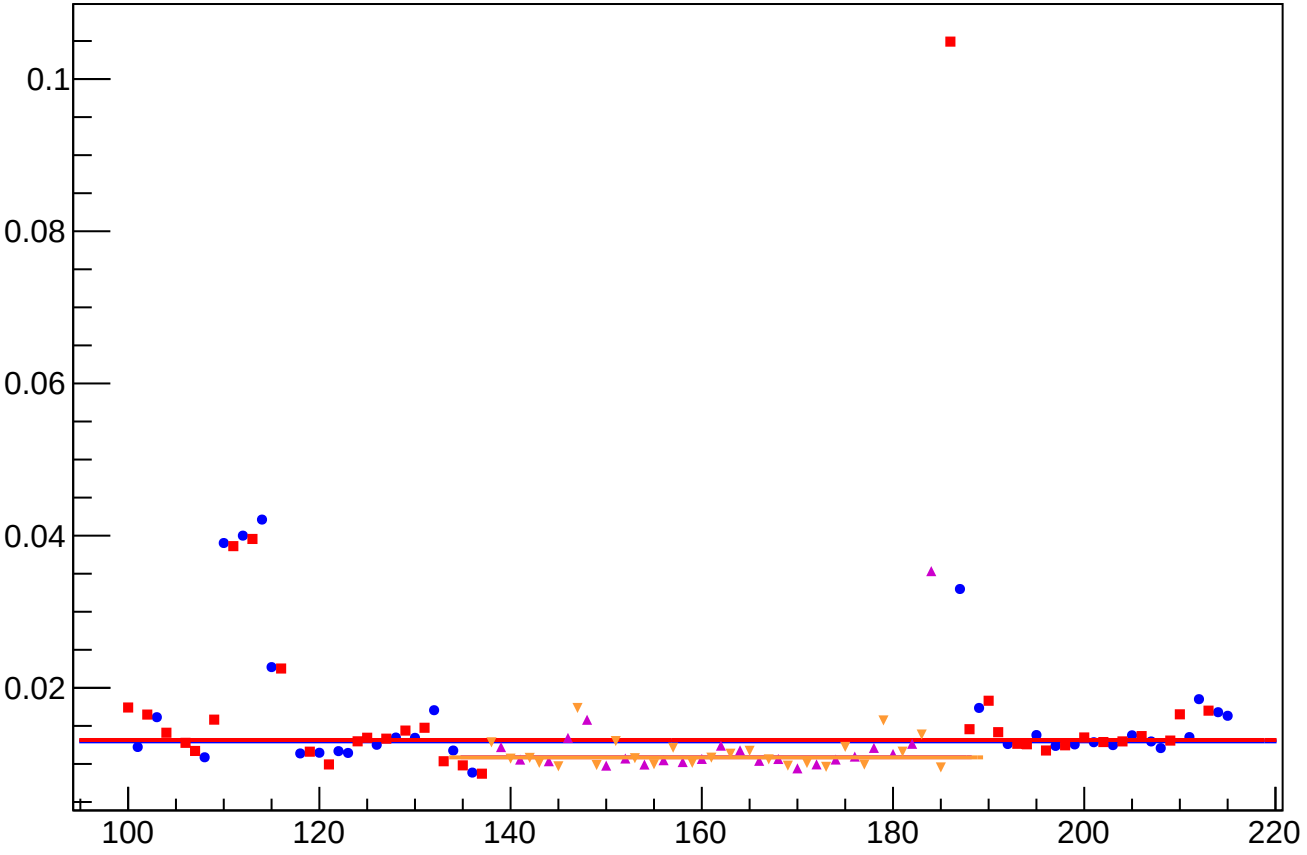
Left In: 0.059+/-0.000 χ^2/NDF:58640898.5/22

+ sign 0.064+/-0.000 χ^2/NDF: 8701452208.8/56

All: 0.068+/-0.000 χ^2/NDF: 18178285215.1/1

- sign 0.073+/-0.000 χ^2/NDF: 9468192095.4/56

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

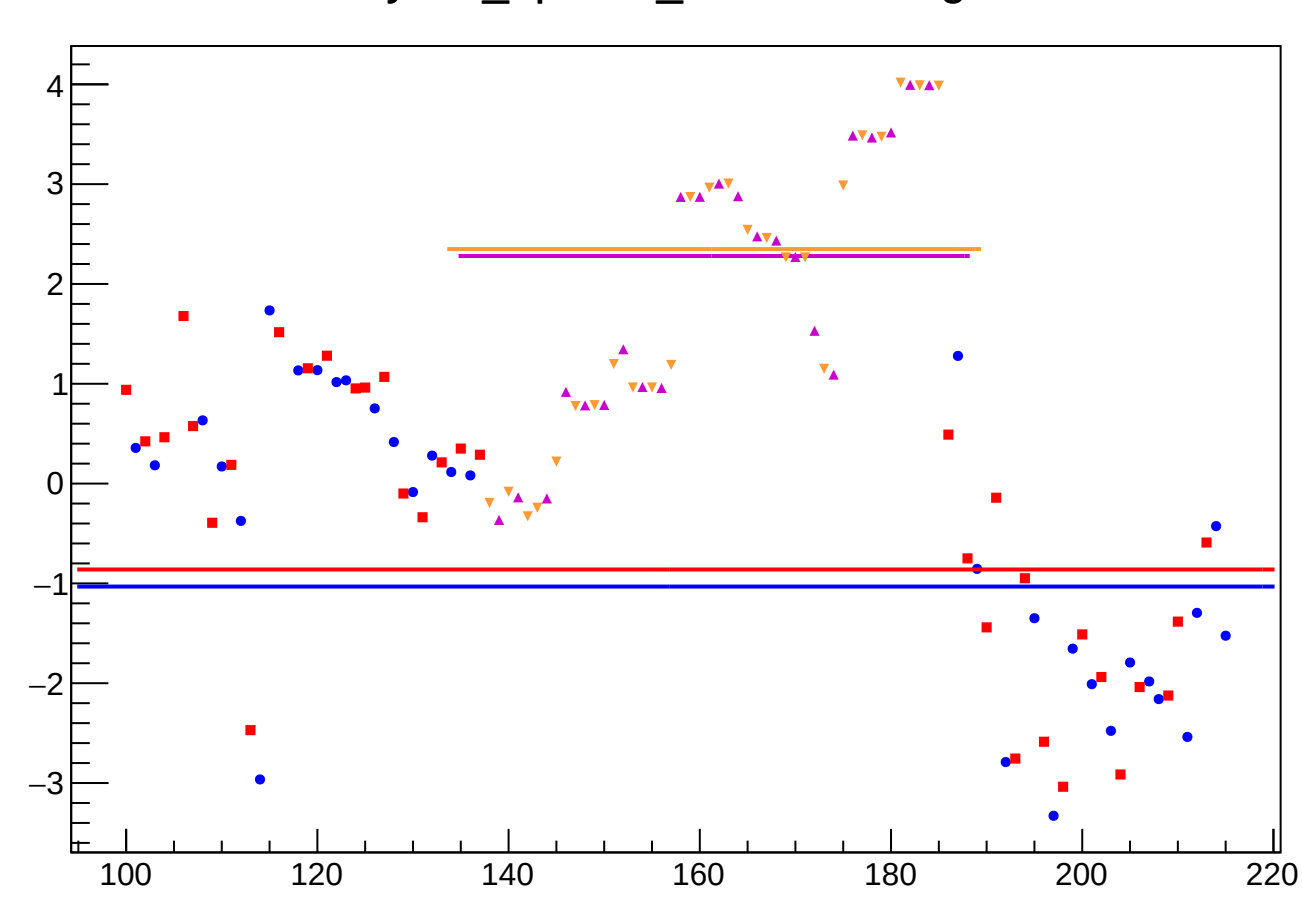
Right Out: 0.013+/-0.000 χ^2/NDF: 2034015.4/33

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: 6000083.8/113

- sign 0.012+/-0.000 χ^2/NDF: 3110117.2/56



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: -0.861+/-0.000 χ^2/NDF: 8174005805.3/33

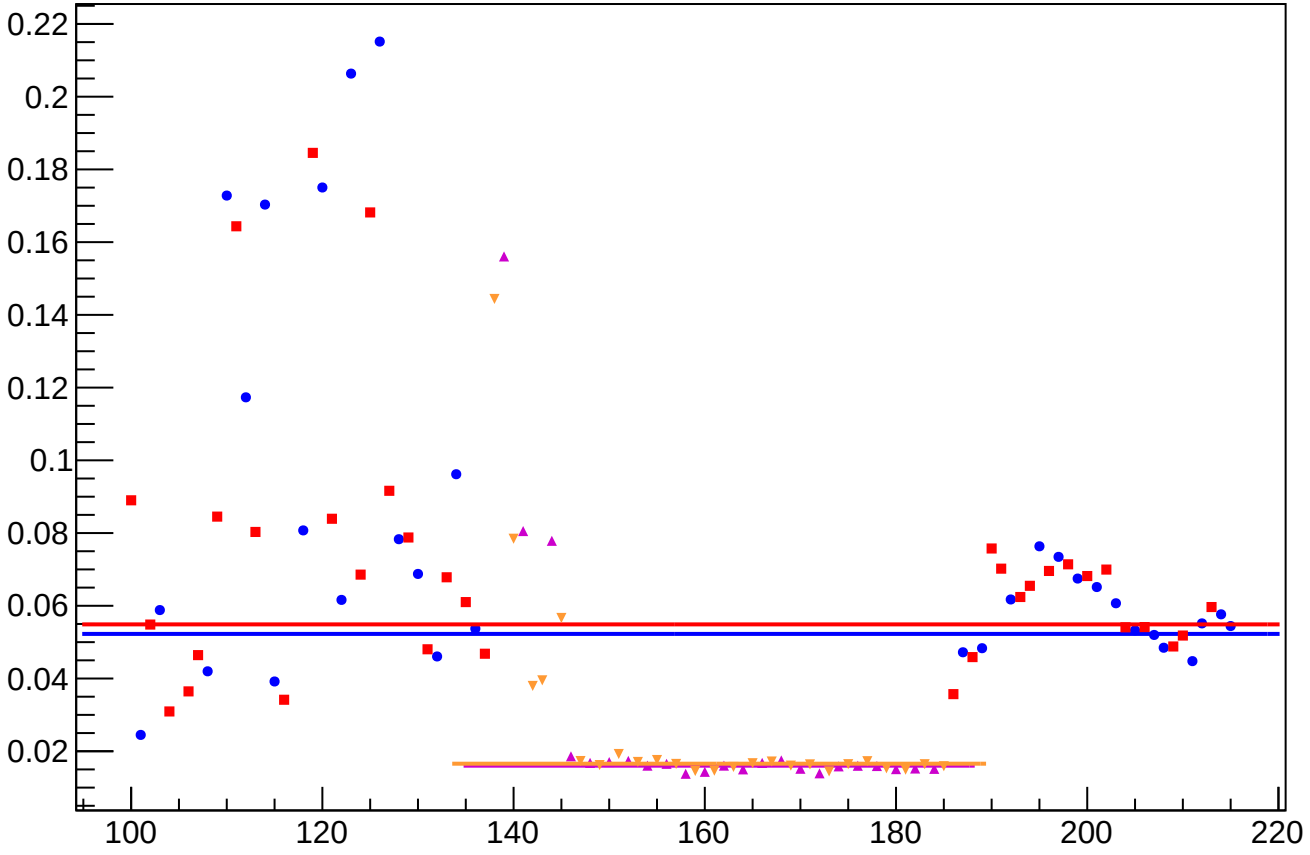
Left In: 2.280+/-0.000 χ^2/NDF:61444254541.3/22

+ sign 2.056+/-0.000 χ^2/NDF: 122168728292.9/56

All: 2.045+/-0.000 χ^2/NDF: 232176171585.0

- sign 2.034+/-0.000 χ^2/NDF: 109993523412.5/56

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

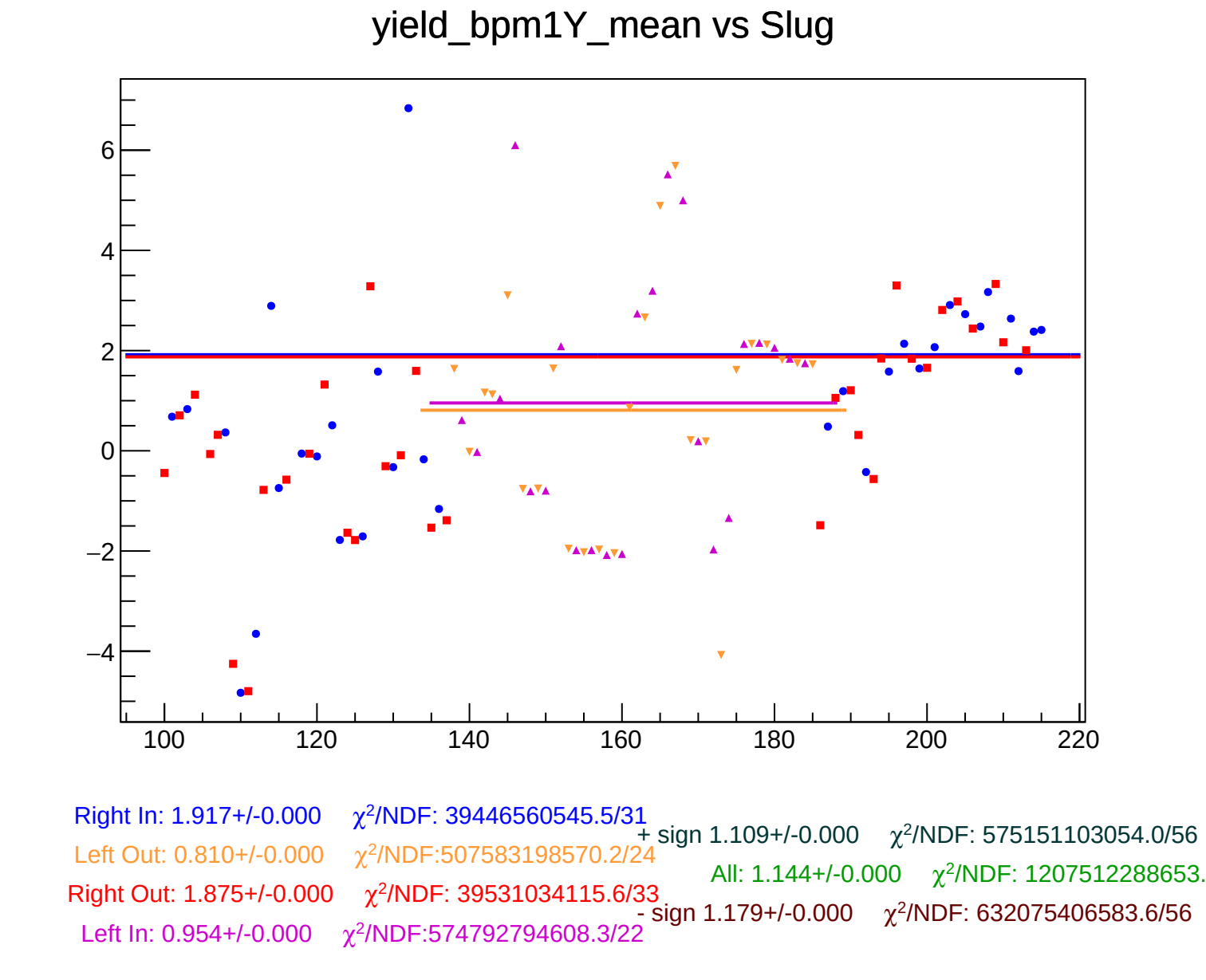
Right Out: 0.055+/-0.000 χ^2/NDF: 2874153.3/33

Left In: 0.016+/-0.000 χ^2/NDF:2463853.3/22

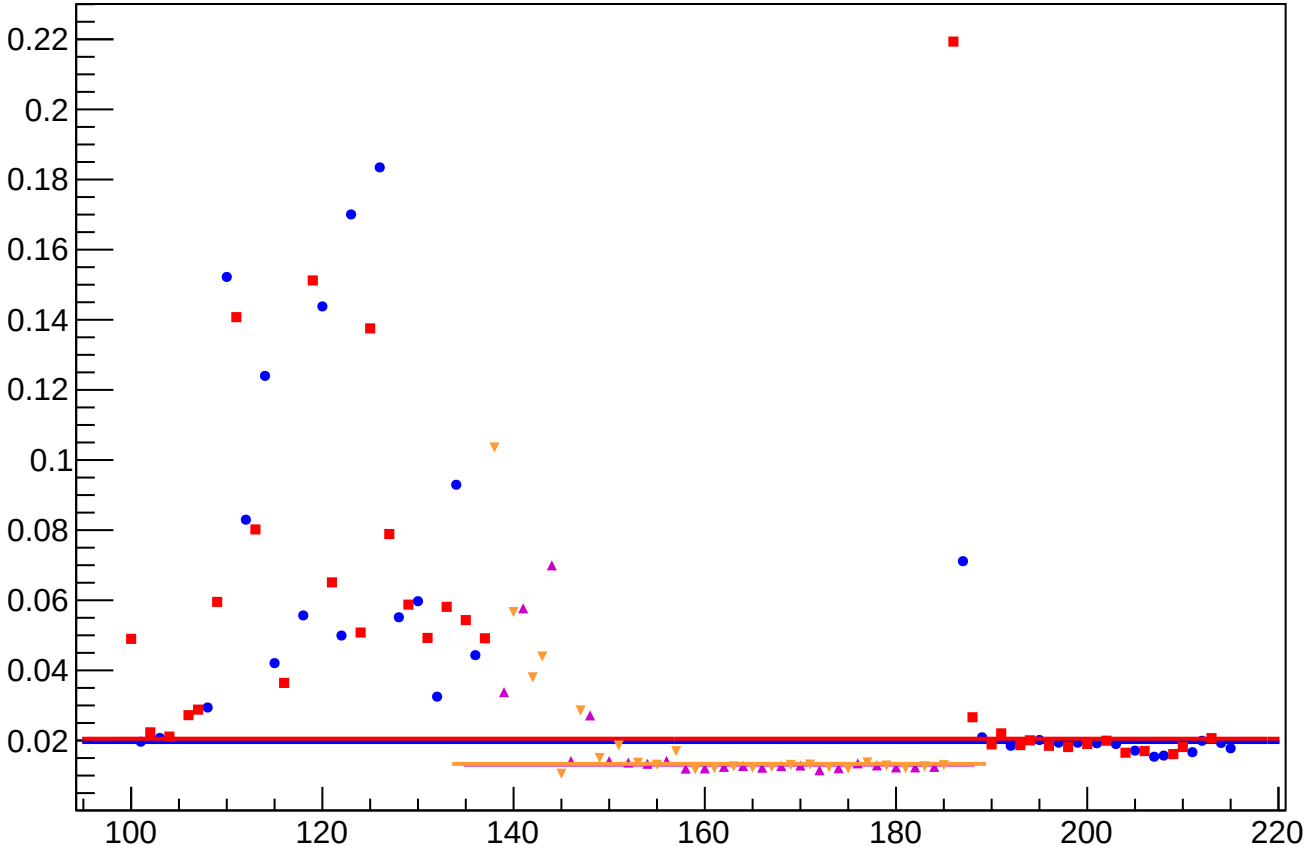
+ sign 0.020+/-0.000 χ^2/NDF: 17448926.9/56

All: 0.019+/-0.000 χ^2/NDF: 35166841.3/113

- sign 0.019+/-0.000 χ^2/NDF: 17697922.4/56


yield_bpm1Y_mean vs Slug
6
4
2
0
−2
−4
100
120
140
160
180
200
220
Right In: 1.917+/-0.000 χ²/NDF: 39446560545.5/31
Left Out: 0.810+/-0.000 χ²/NDF:507583198570.2/24
Right Out: 1.875+/-0.000 χ²/NDF: 39531034115.6/33
Left In: 0.954+/-0.000 χ²/NDF:574792794608.3/22
+ sign 1.109+/-0.000 χ²/NDF: 575151103054.0/56
All: 1.144+/-0.000 χ²/NDF: 1207512288653.
- sign 1.179+/-0.000 χ²/NDF: 632075406583.6/56

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: 0.021+/-0.000 χ^2/NDF: 5167525.6/33

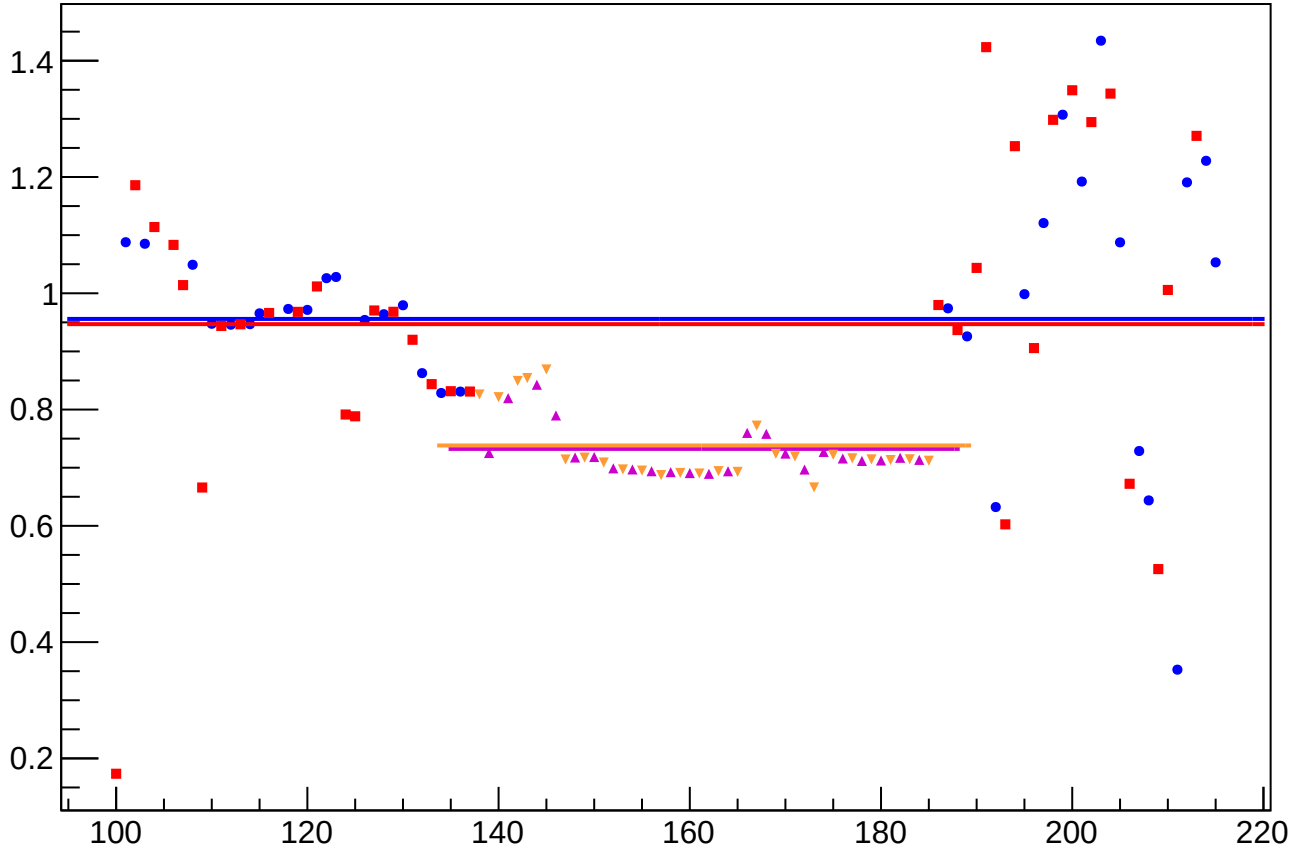
Left In: 0.013+/-0.000 χ^2/NDF:1968206.9/22

+ sign 0.015+/-0.000 χ^2/NDF: 8733988.0/56

All: 0.015+/-0.000 χ^2/NDF: 18152505.1/113

- sign 0.015+/-0.000 χ^2/NDF: 9417785.8/56

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: 0.947+/-0.000 χ^2/NDF: 1201149116.4/33

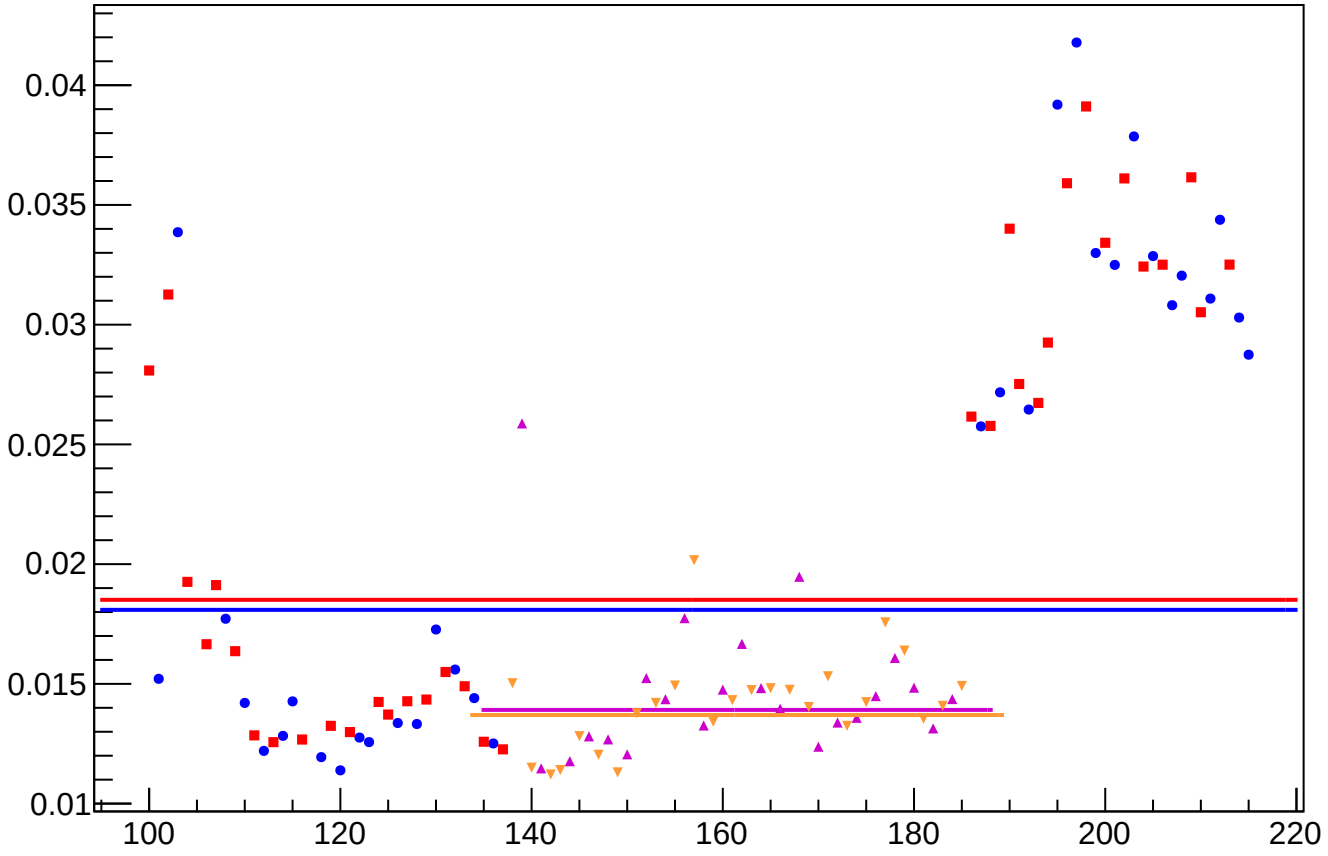
Left In: 0.732+/-0.000 χ^2/NDF:170806298.1/22

+ sign 0.807+/-0.000 χ^2/NDF: 2582189518.1/56

All: 0.805+/-0.000 χ^2/NDF: 5161935861.4/11

- sign 0.802+/-0.000 χ^2/NDF: 2578384116.4/56

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: 4797104.4/33

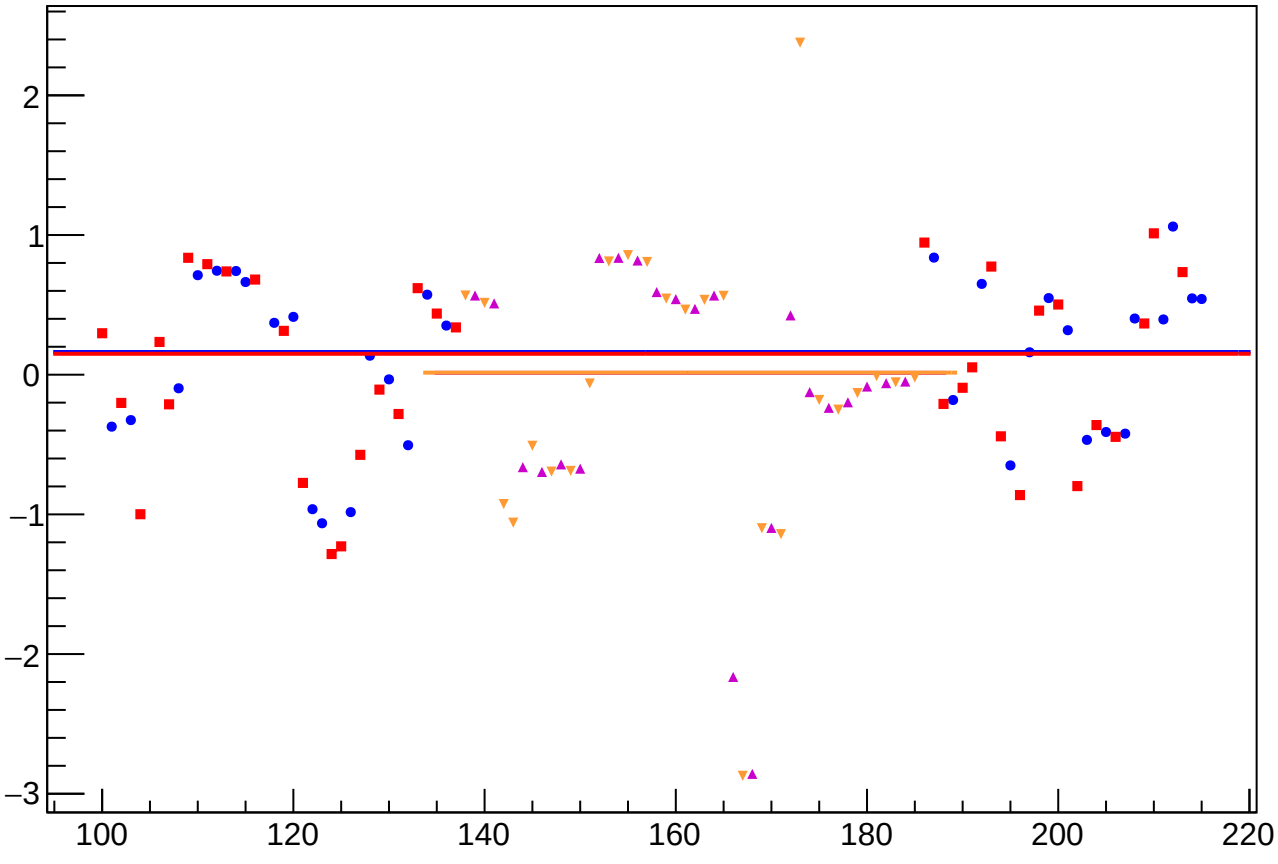
Left In: 0.014+/-0.000 χ^2/NDF:794558.0/22

+ sign 0.015+/-0.000 χ^2/NDF: 7140136.1/56

All: 0.015+/-0.000 χ^2/NDF: 13852475.4/113

- sign 0.015+/-0.000 χ^2/NDF: 6699318.8/56

yield_bpm11Y_mean vs Slug



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: 0.150+/-0.000 χ^2/NDF: 40756258999.6/33

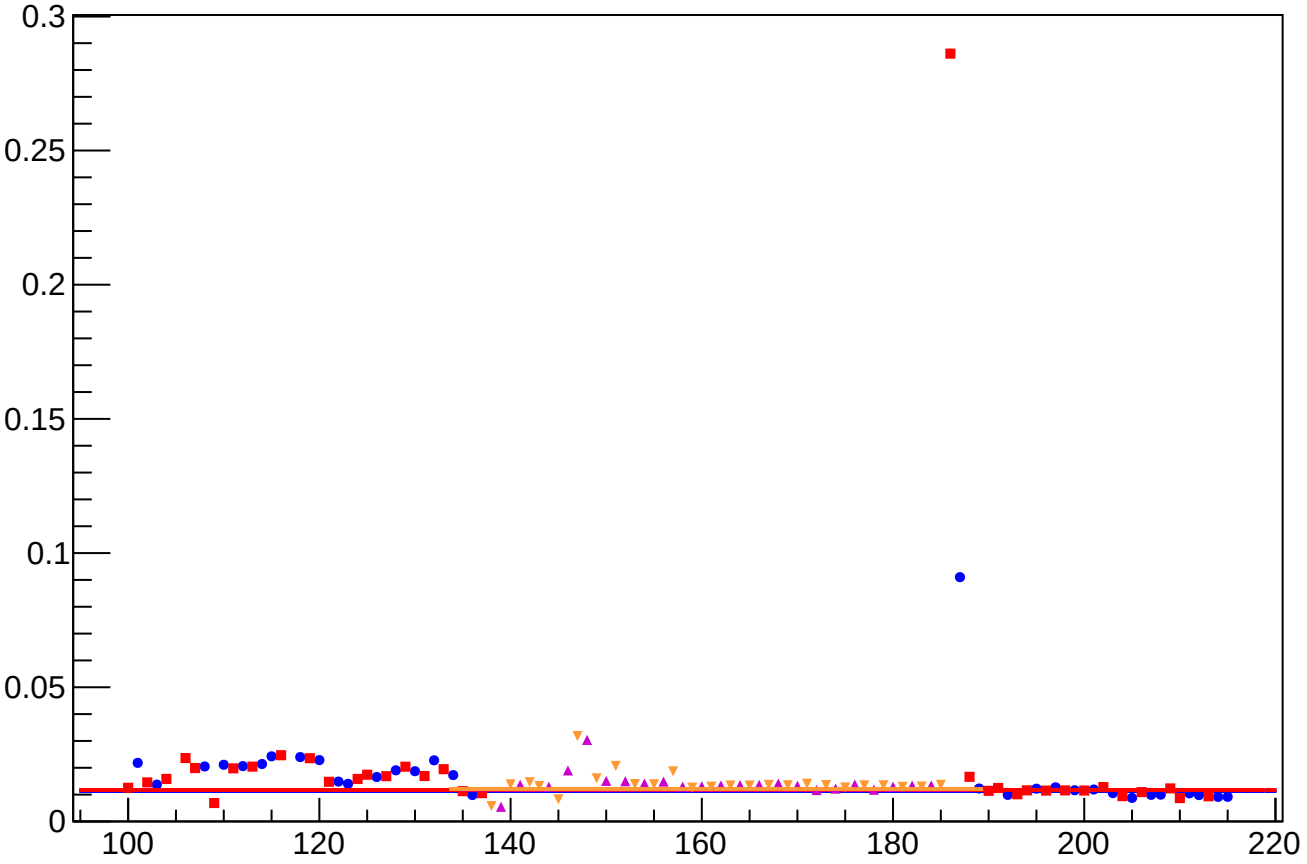
Left In: 0.013+/-0.000 χ^2/NDF:79445696658.6/22

+ sign 0.089+/-0.000 χ^2/NDF: 128059463084.1/56

All: 0.085+/-0.000 χ^2/NDF: 249244954532.3

- sign 0.080+/-0.000 χ^2/NDF: 121175976412.9/56

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

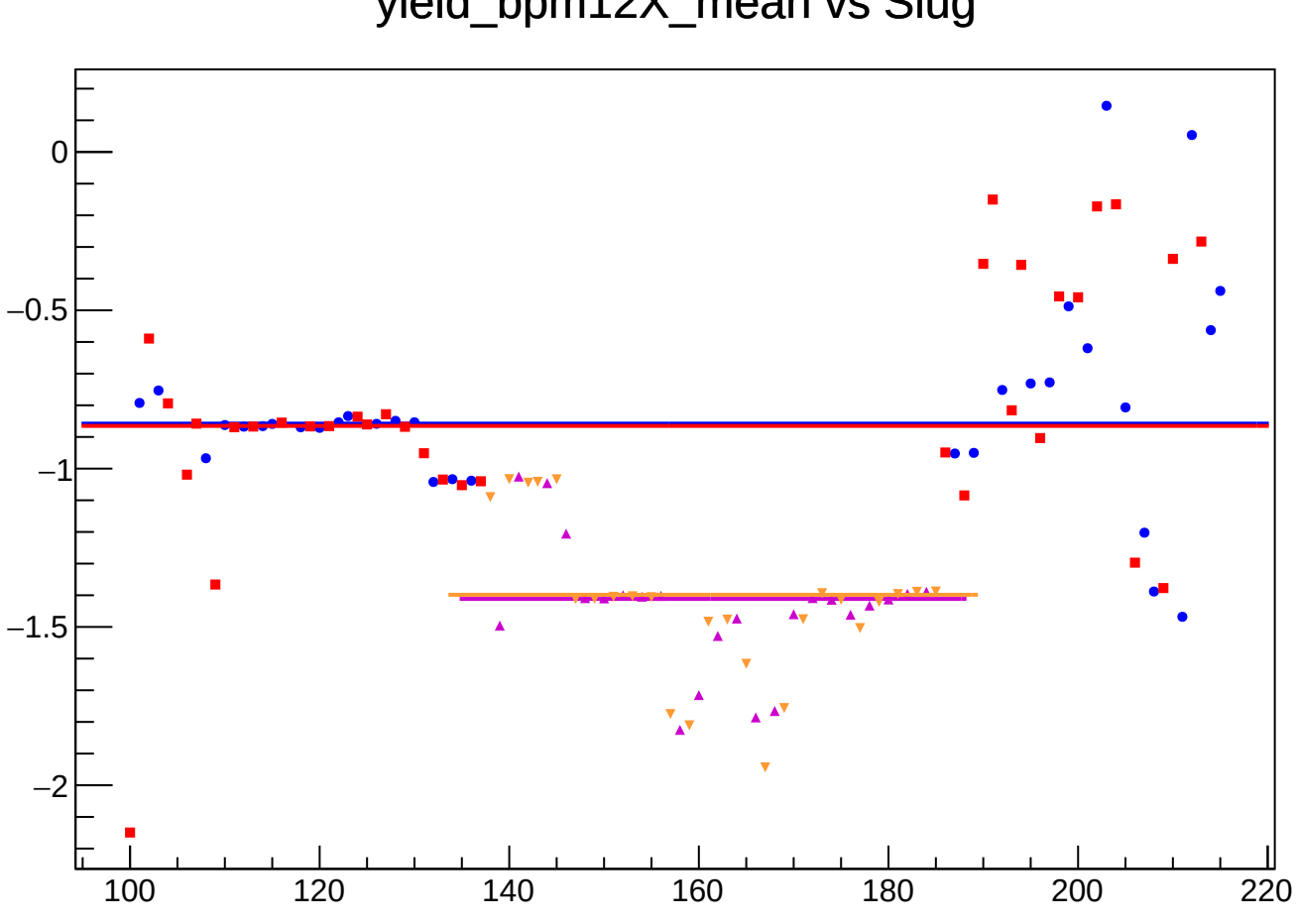
Right Out: 0.012+/-0.000 χ^2/NDF: 2971200.7/33

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: 11831275.6/113

- sign 0.012+/-0.000 χ^2/NDF: 6081402.2/56



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: -0.865+/-0.000 χ^2/NDF: 482589953.7/33

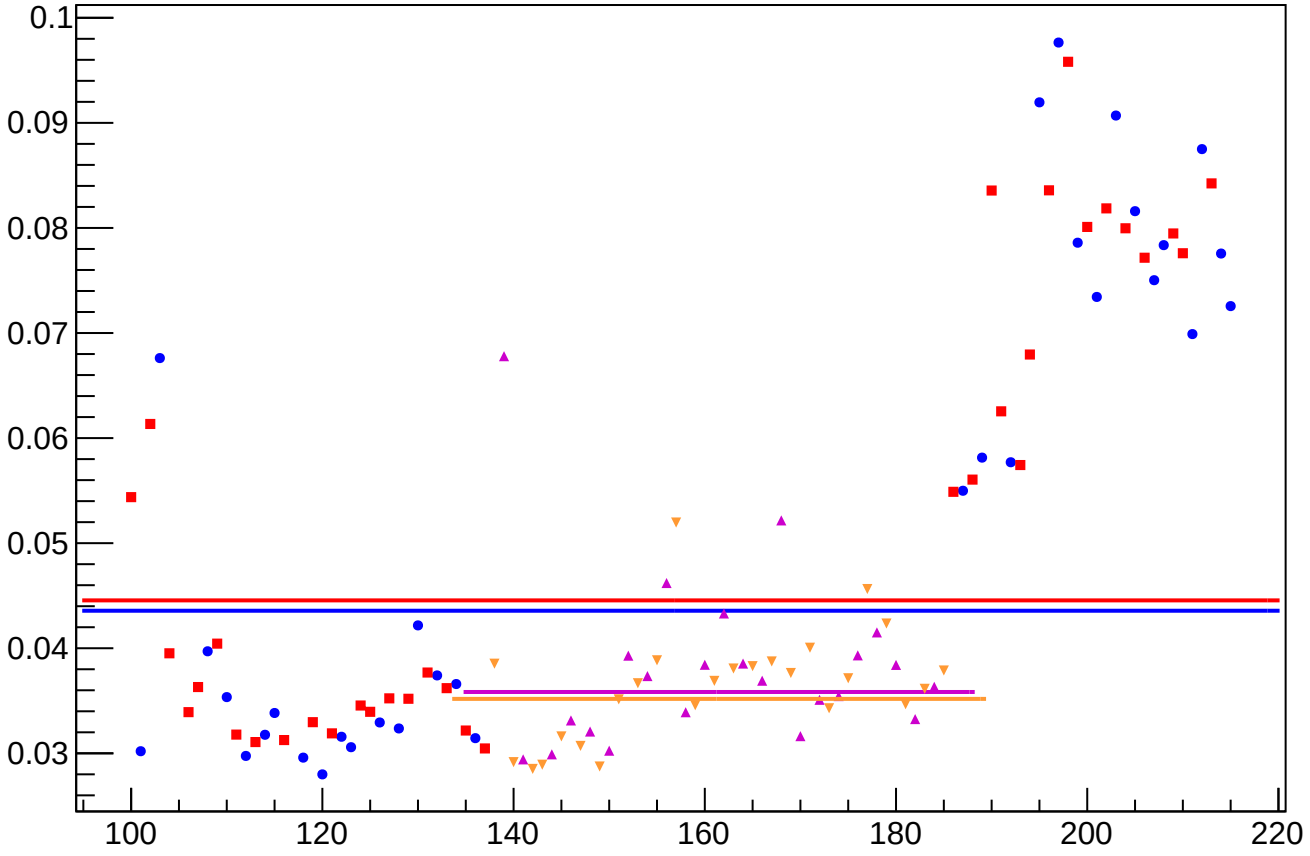
Left In: -1.412+/-0.000 χ^2/NDF:512629872.4/22

+ sign -1.209+/-0.000 χ^2/NDF: 2438440120.5/56

All: -1.211+/-0.000 χ^2/NDF: 4734907634.9/1

- sign -1.213+/-0.000 χ^2/NDF: 2296304238.5/56

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: 4357113.0/33

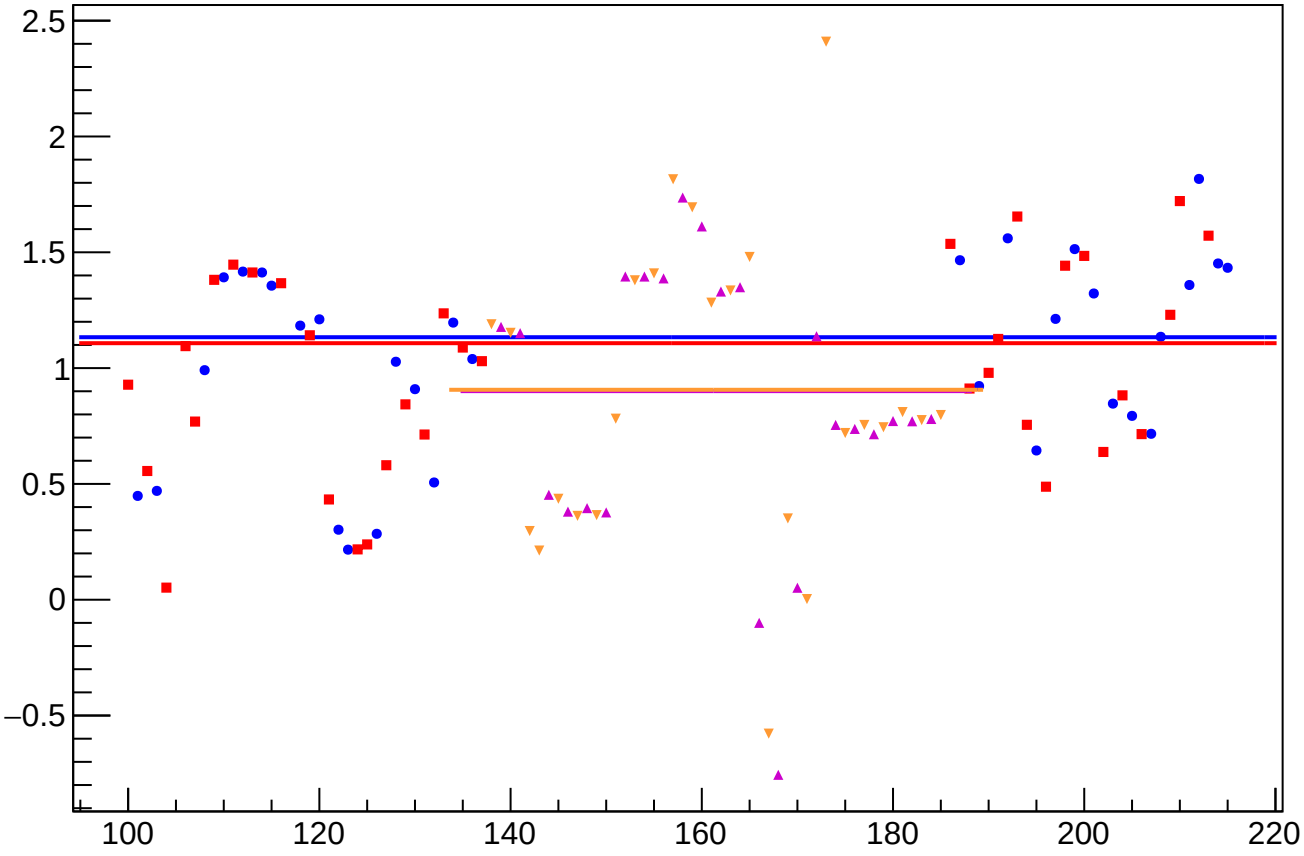
Left In: 0.036+/-0.000 χ^2/NDF:890993.5/22

+ sign 0.038+/-0.000 χ^2/NDF: 6604486.8/56

All: 0.039+/-0.000 χ^2/NDF: 12530022.7/113

- sign 0.039+/-0.000 χ^2/NDF: 5910449.7/56

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: 1.108+/-0.000 χ^2/NDF: 43647466060.9/33

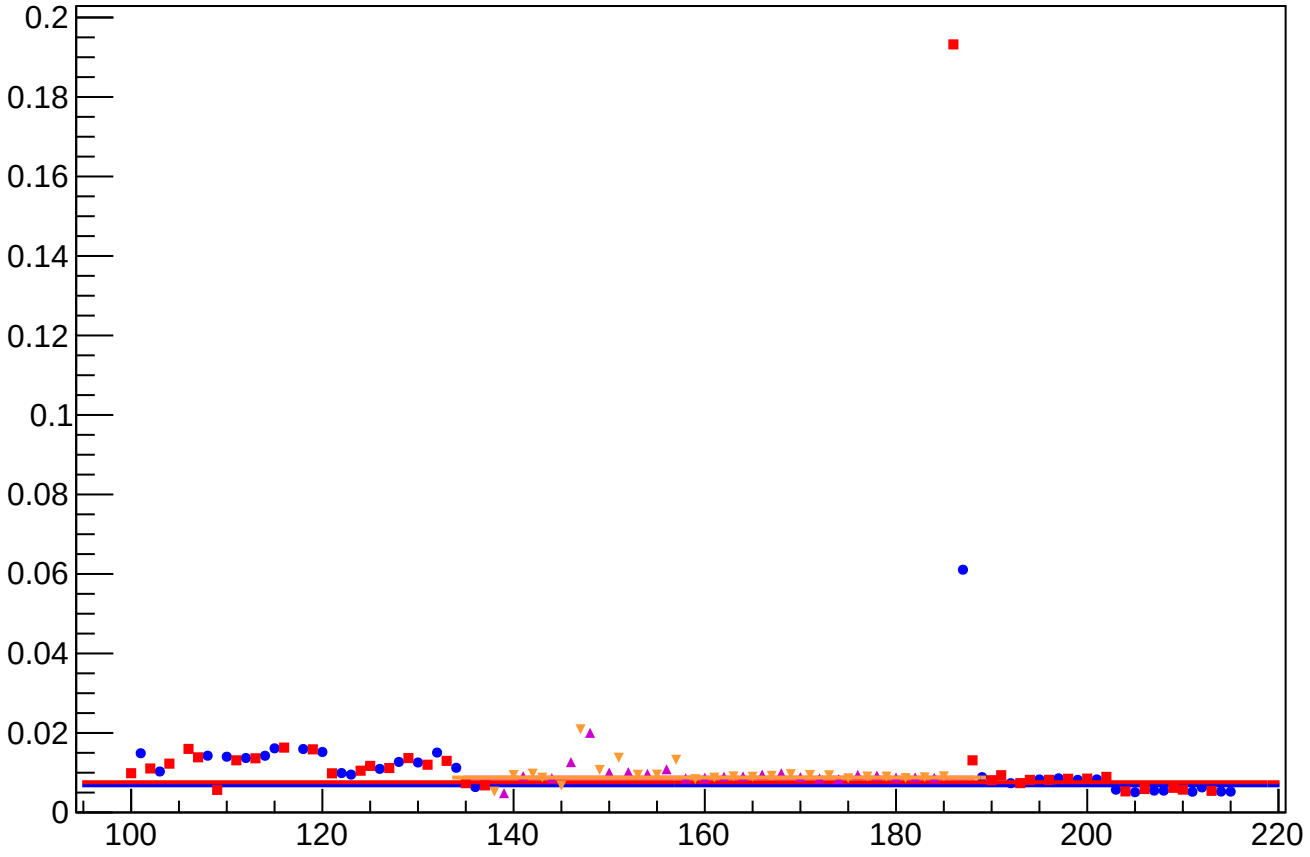
Left In: 0.901+/-0.000 χ^2/NDF:66932223067.8/22

+ sign 1.039+/-0.000 χ^2/NDF: 133018981423.5/56

All: 1.027+/-0.000 χ^2/NDF: 248574445619.0

- sign 1.012+/-0.000 χ^2/NDF: 115384421154.9/56

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: 0.008+/-0.000 χ^2/NDF: 3683927.5/33

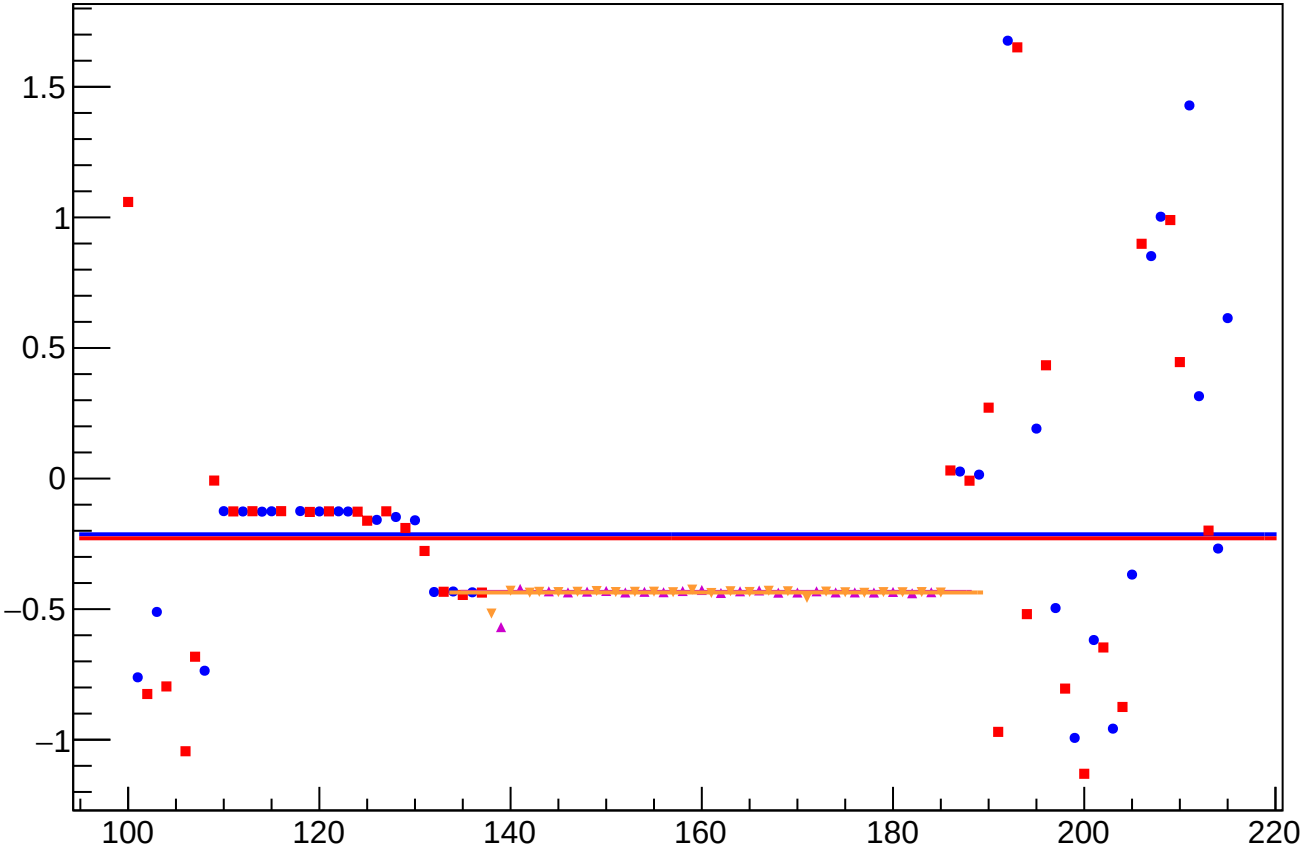
Left In: 0.009+/-0.000 χ^2/NDF:1669983.7/22

+ sign 0.008+/-0.000 χ^2/NDF: 6377299.4/56

All: 0.008+/-0.000 χ^2/NDF: 12131911.8/113

- sign 0.008+/-0.000 χ^2/NDF: 5642685.7/56

yield_bpm16X_mean vs Slug



Right In: -0.213+/-0.000 χ^2/NDF: 4979571062.4/31

Left Out: -0.436+/-0.000 χ^2/NDF:28776503.9/24

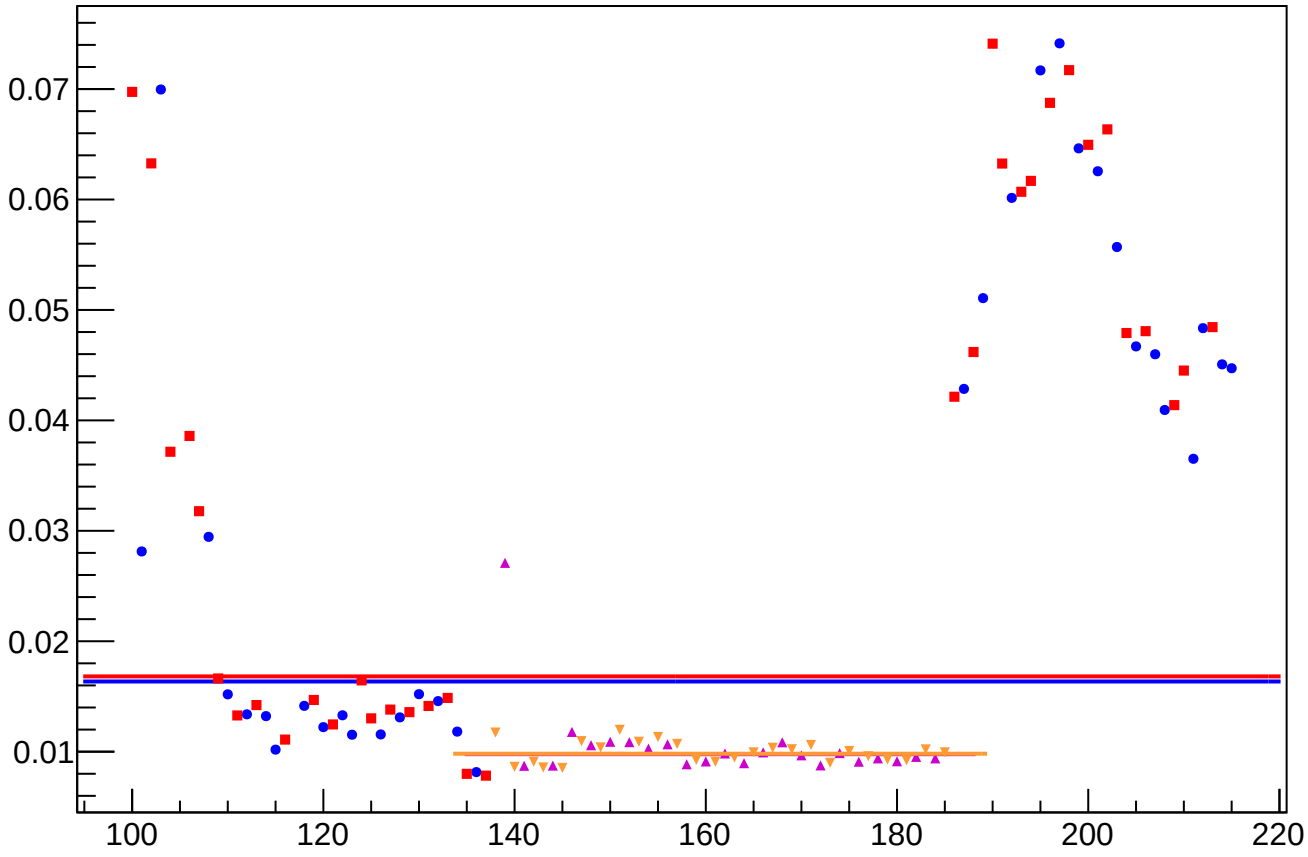
Right Out: -0.229+/-0.000 χ^2/NDF: 3413959324.9/33

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: 11038332271.2/

- sign -0.397+/-0.000 χ^2/NDF: 4583286920.0/56



Right In: 0.016+/-0.000 χ^2/NDF: 12480547.0/31

Left Out: 0.010+/-0.000 χ^2/NDF:271172.3/24

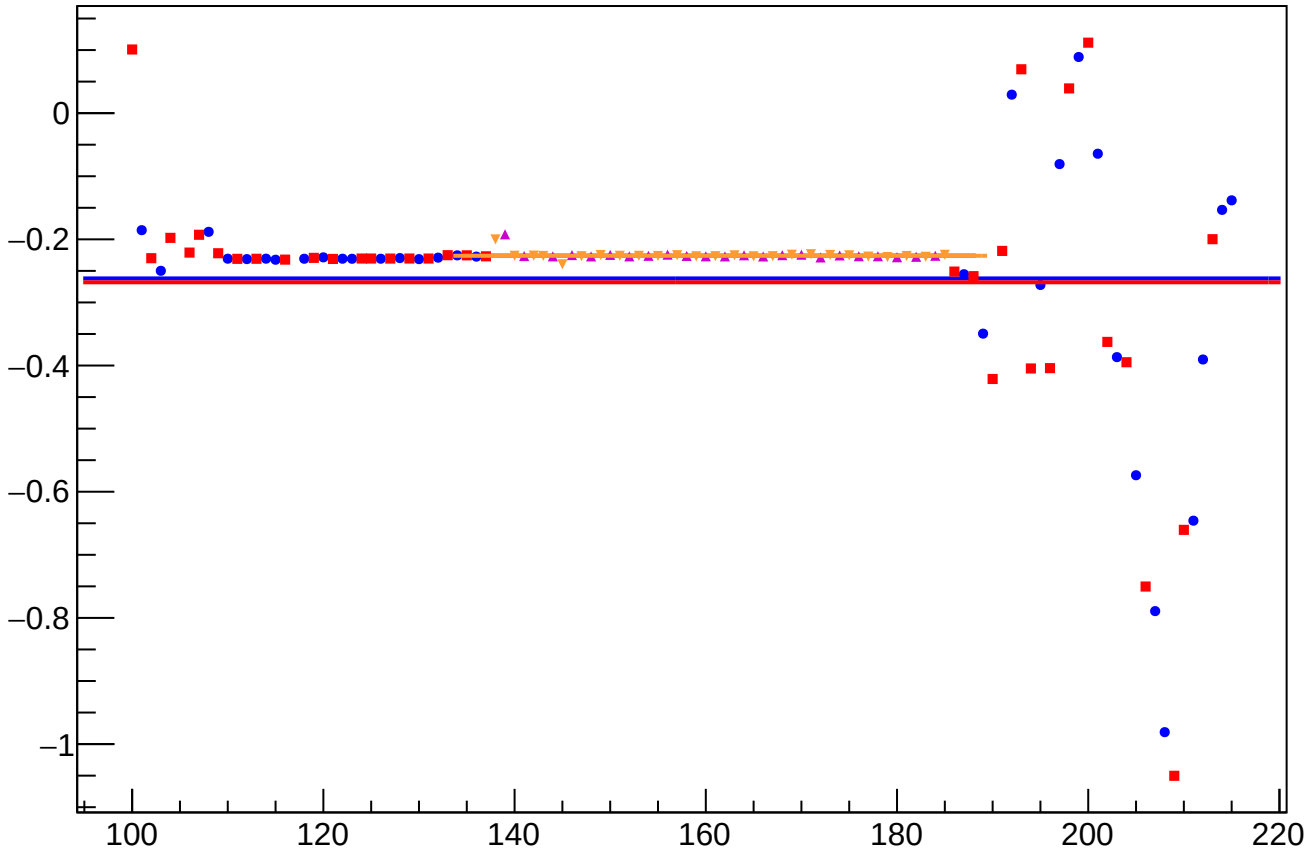
Right Out: 0.017+/-0.000 χ^2/NDF: 12265026.3/33

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: 31004493.7/113

- sign 0.011+/-0.000 χ^2/NDF: 15759015.9/56



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: -0.268+/-0.000 χ^2/NDF: 25233439034.9/33

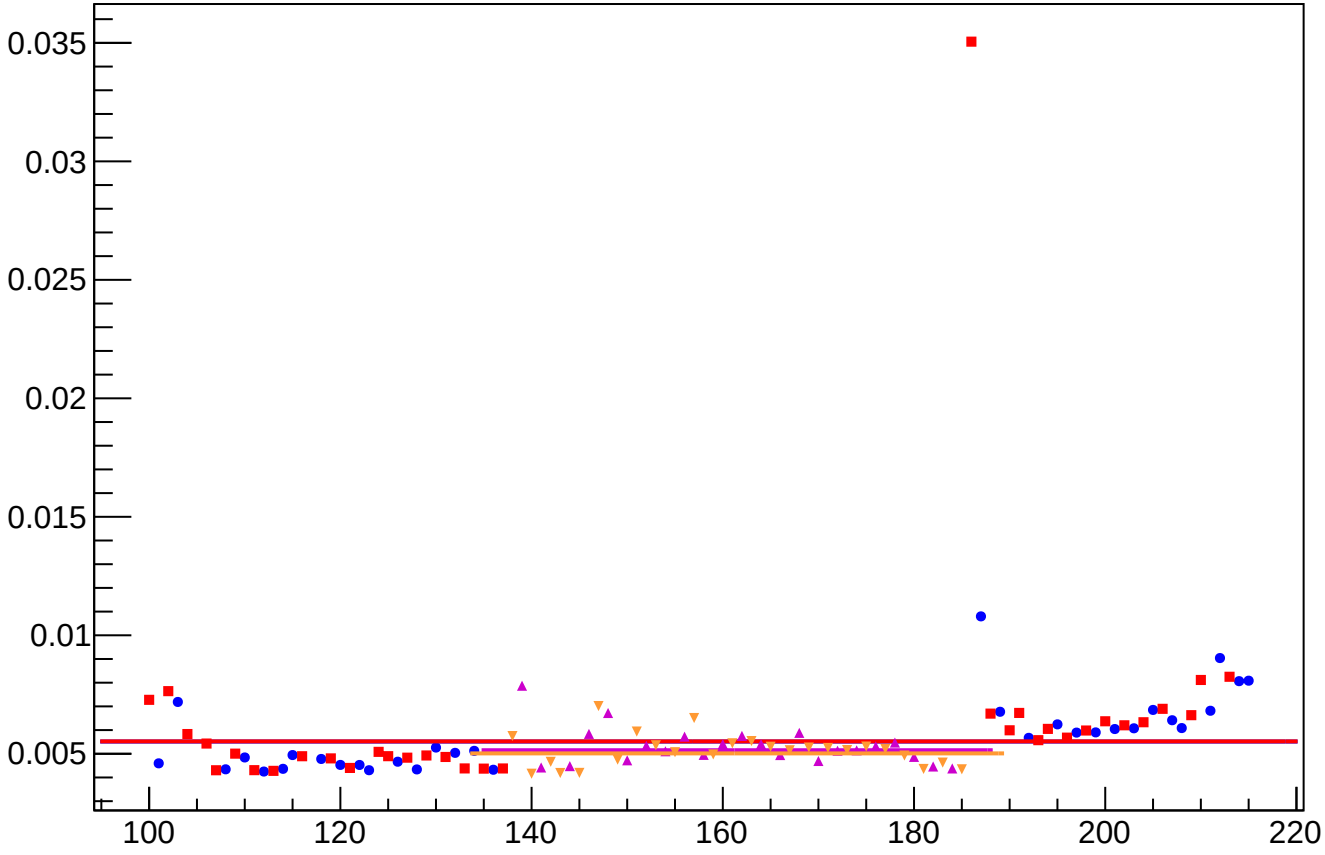
Left In: -0.226+/-0.000 χ^2/NDF:13717302.5/22

+ sign -0.241+/-0.000 χ^2/NDF: 25618852411.6/56

All: -0.243+/-0.000 χ^2/NDF: 51371335709.0/

- sign -0.245+/-0.000 χ^2/NDF: 25745685022.4/56

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: 1609124.8/33

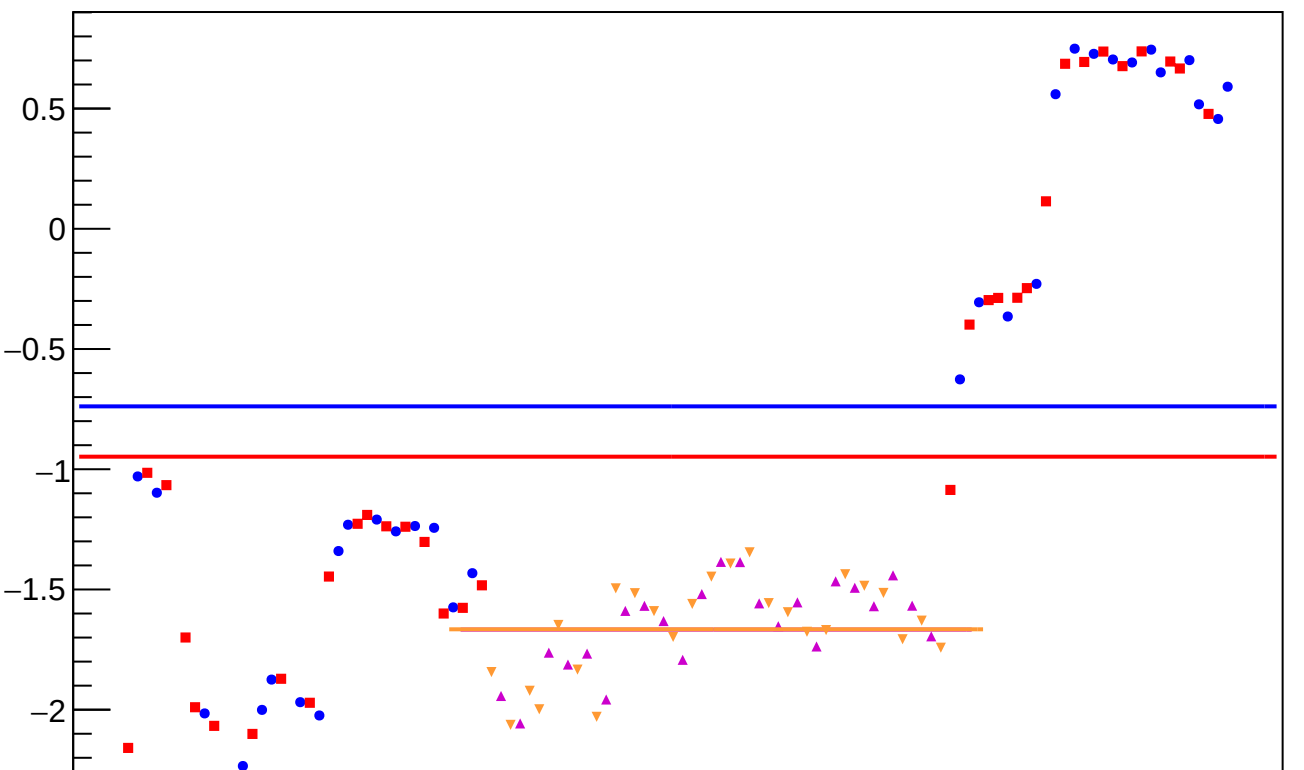
Left In: 0.005+/-0.000 χ^2/NDF:504040.6/22

+ sign 0.005+/-0.000 χ^2/NDF: 2035154.6/56

All: 0.005+/-0.000 χ^2/NDF: 4235070.7/113

- sign 0.005+/-0.000 χ^2/NDF: 2190862.3/56

yield_bpm0l01X_mean vs Slug



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: -0.948+/-0.000 χ^2/NDF: 250618035468.2/33

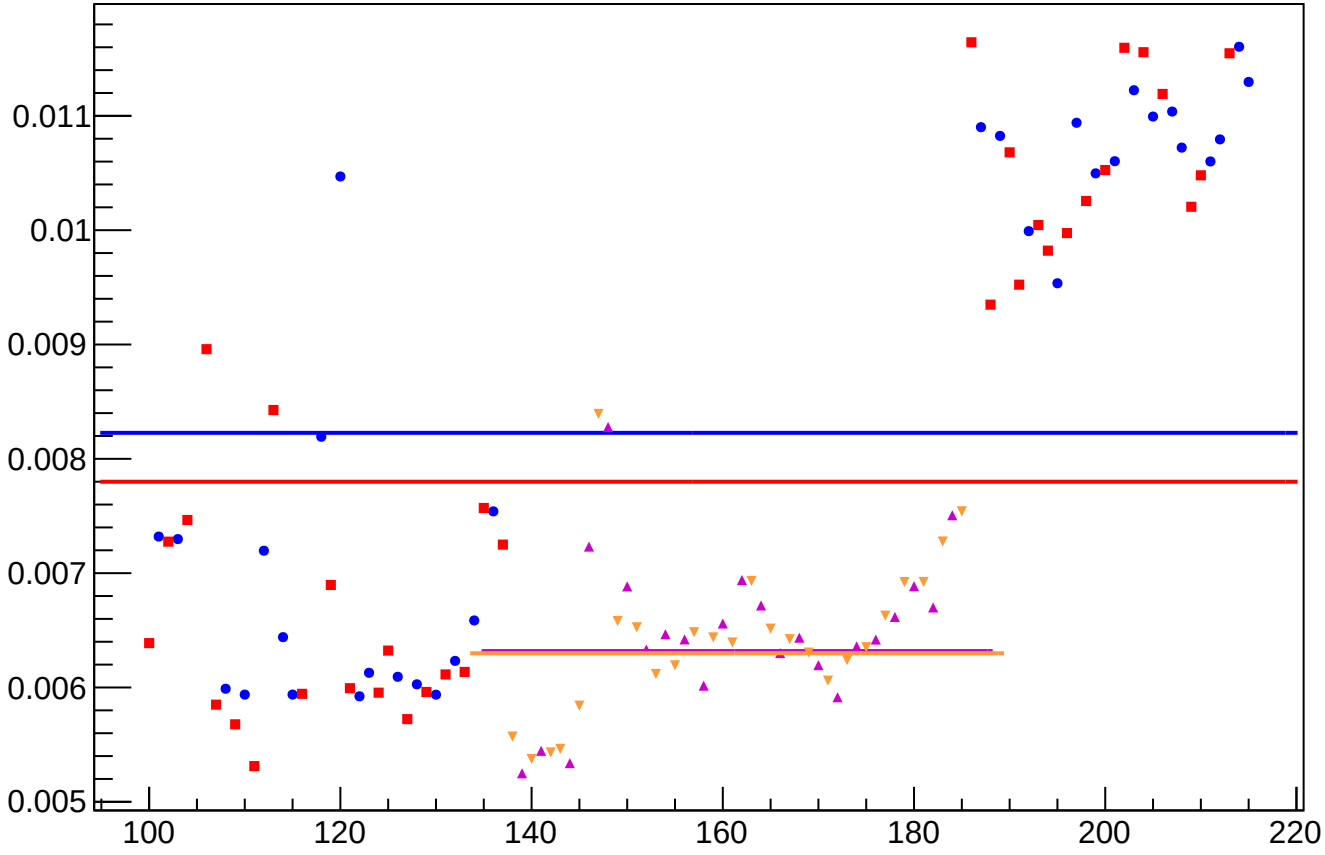
Left In: -1.667+/-0.000 χ^2/NDF:14615453869.3/22

+ sign -1.349+/-0.000 χ^2/NDF: 386943043484.7/56

All: -1.371+/-0.000 χ^2/NDF: 734241478599.3

- sign -1.393+/-0.000 χ^2/NDF: 346643535605.0/56

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

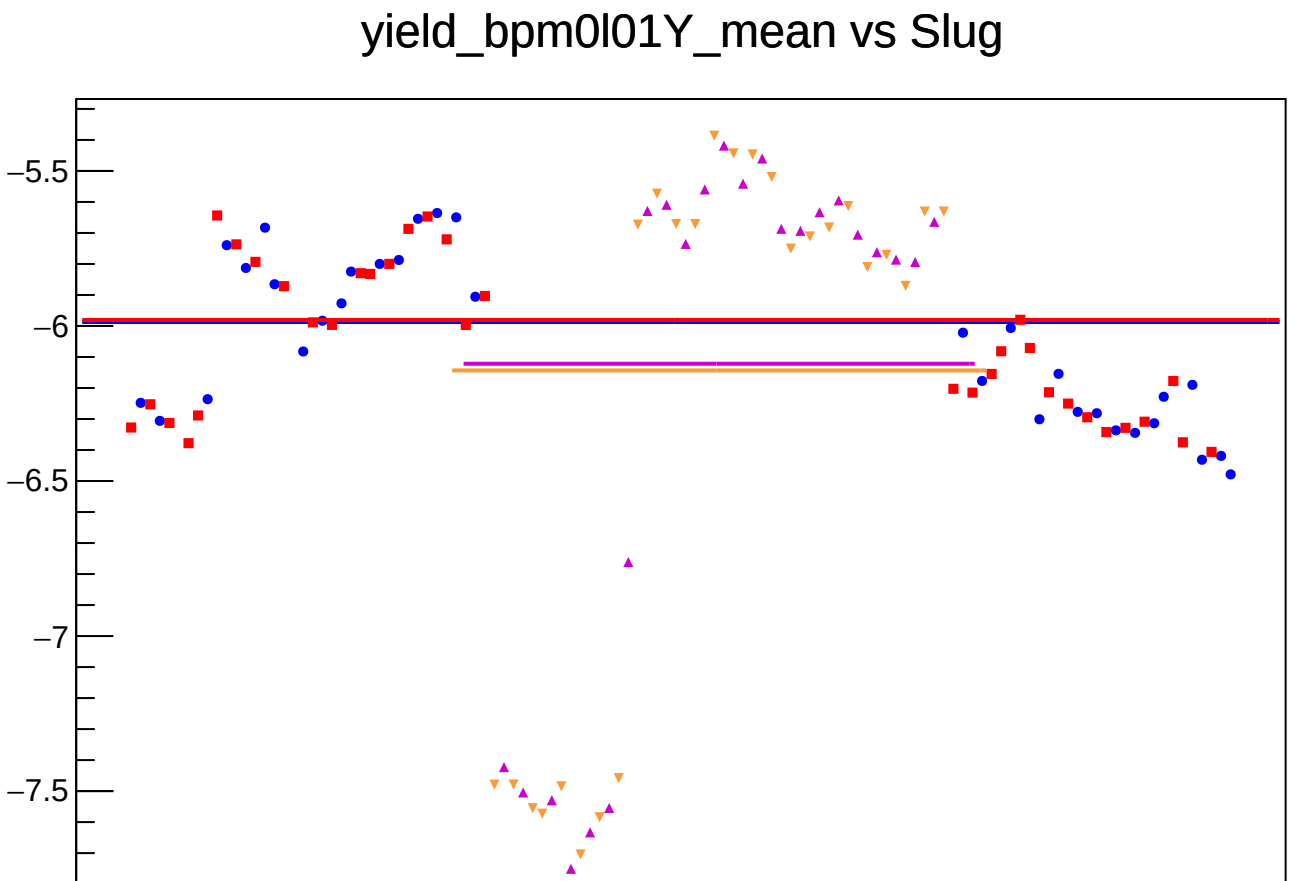
Right Out: 0.008+/-0.000 χ^2/NDF: 2254500.3/33

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: 6789333.2/113

- sign 0.007+/-0.000 χ^2/NDF: 3279309.4/56



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: -5.981+/-0.000 χ^2/NDF: 17717380176.7/33

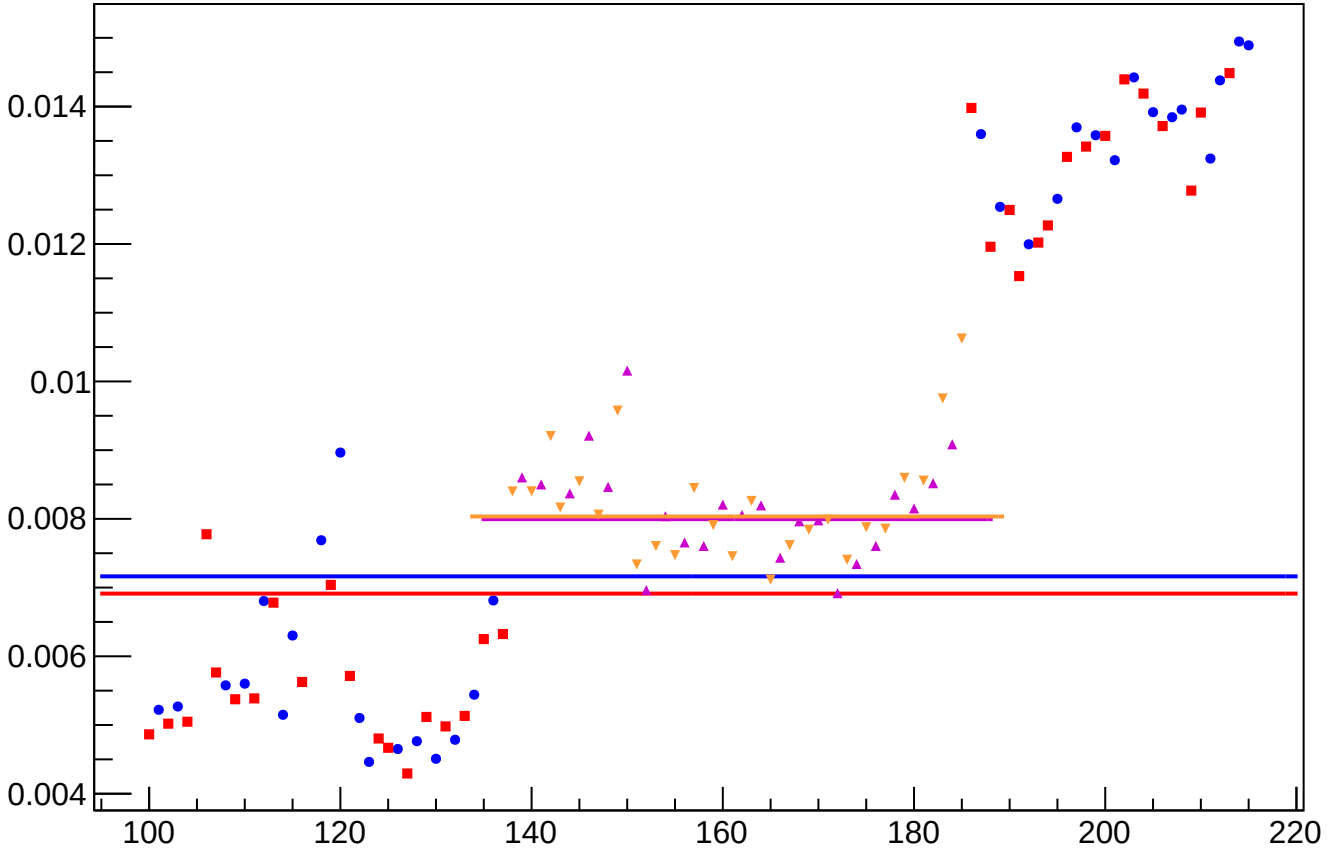
Left In: -6.122+/-0.000 χ^2/NDF:159909473006.6/22

+ sign -6.065+/-0.000 χ^2/NDF: 206400416412.1/56

All: -6.056+/-0.000 χ^2/NDF: 386735717931.3

- sign -6.047+/-0.000 χ^2/NDF: 180249041710.7/56

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: 5796814.9/33

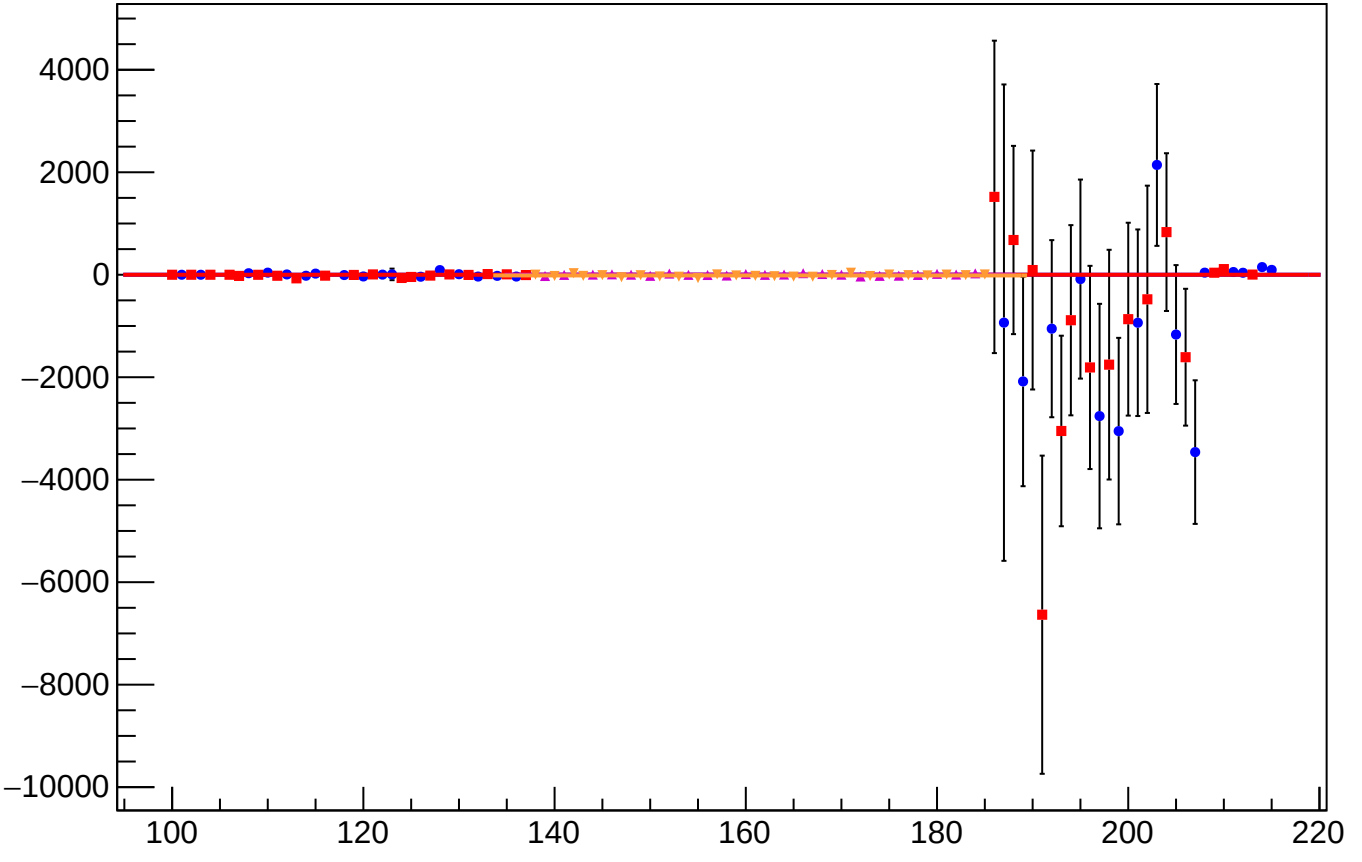
Left In: 0.008+/-0.000 χ^2/NDF:220203.0/22

+ sign 0.008+/-0.000 χ^2/NDF: 6670637.2/56

All: 0.008+/-0.000 χ^2/NDF: 13013132.0/113

- sign 0.007+/-0.000 χ^2/NDF: 6326231.9/56

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

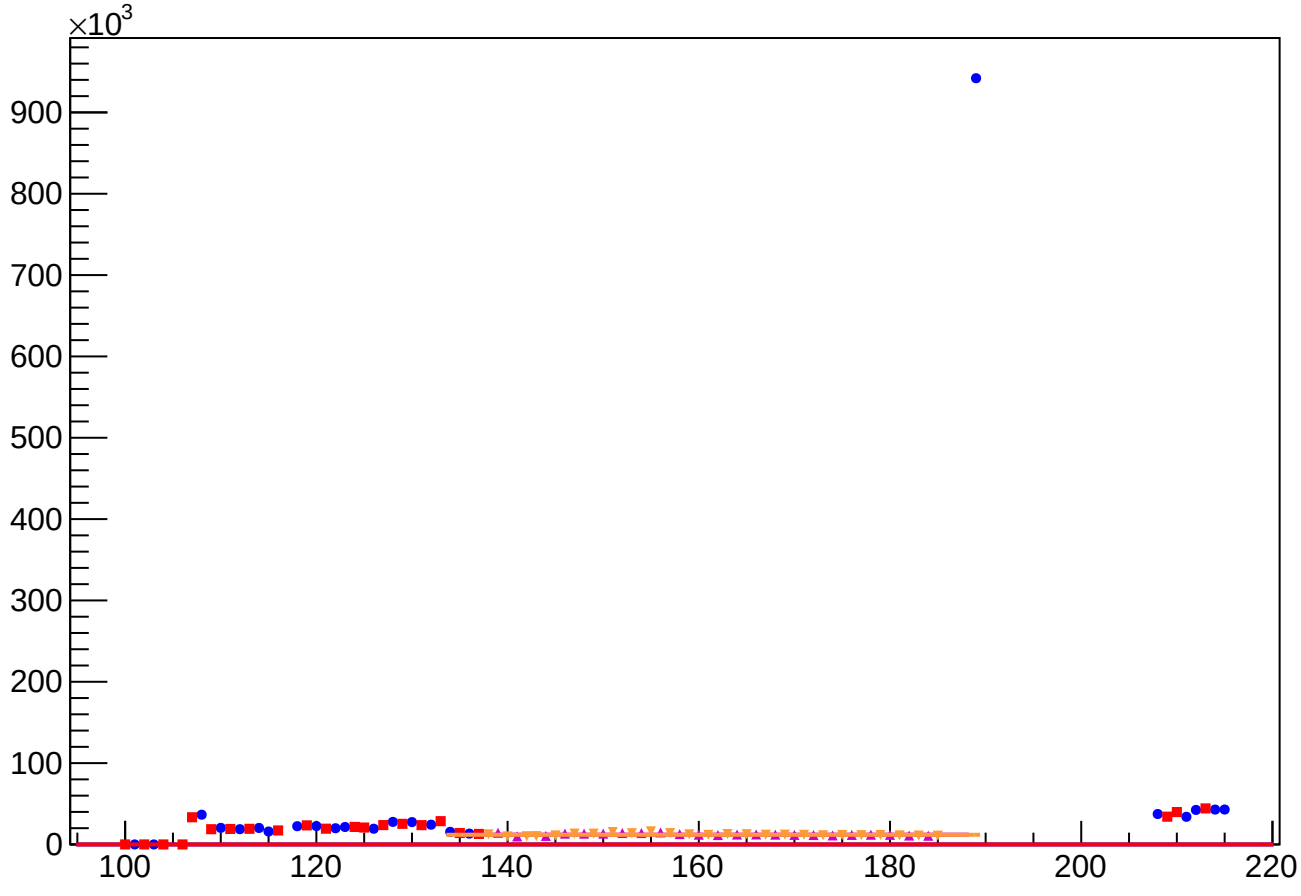
Right Out: 0.003+/-0.016 χ^2/NDF: 32.6/33

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: 190.0/113

- sign 0.003+/-0.016 χ^2/NDF: 61.3/56



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: 18.325+/-0.011 χ^2/NDF: 15370584.5/21

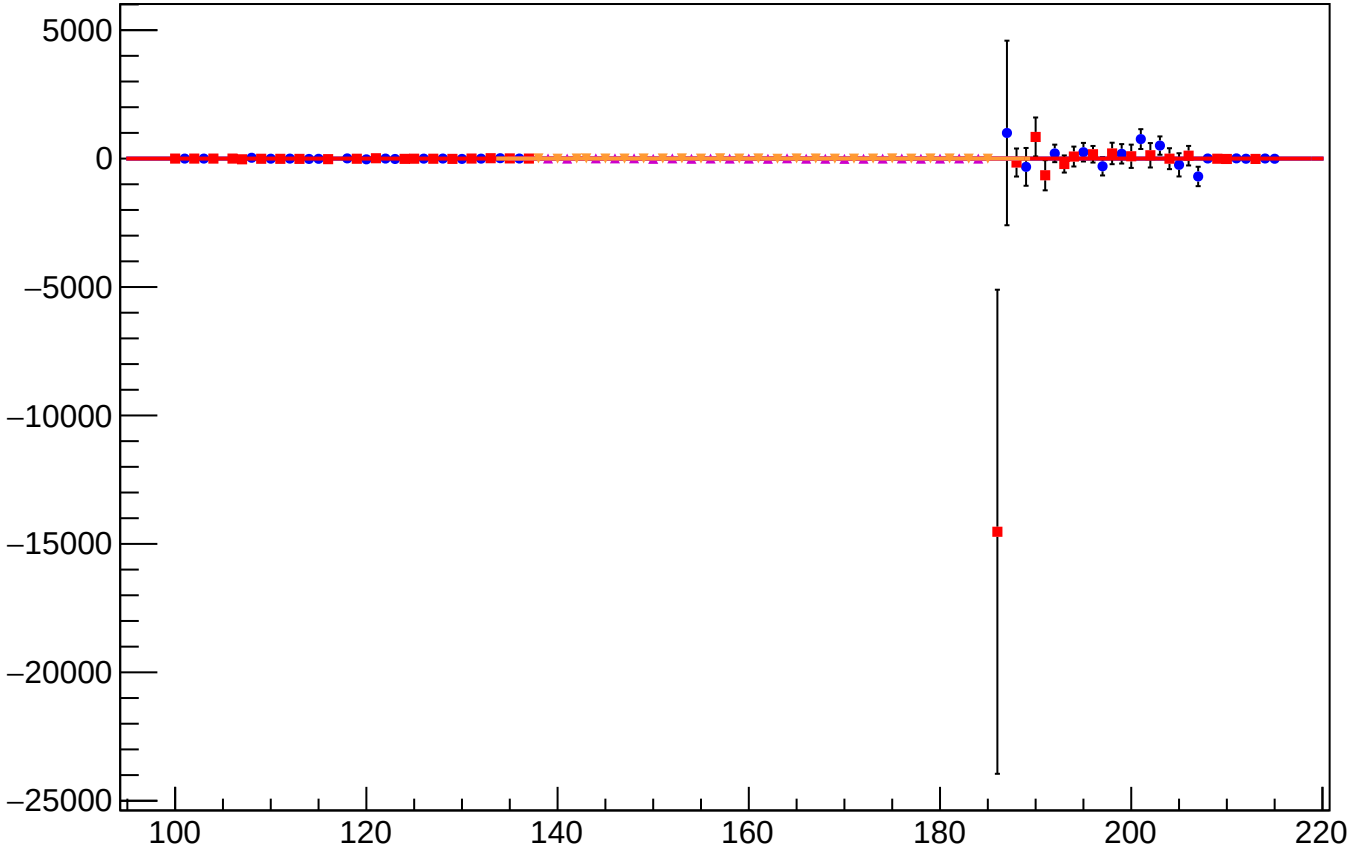
Left In: 12064.321+/-2.054 χ^2/NDF:372586.0/22

+ sign 19.124+/-0.012 χ^2/NDF: 54656371.0/47

All: 18.893+/-0.008 χ^2/NDF: 104780079.5/92

- sign 18.694+/-0.011 χ^2/NDF: 50123046.6/44

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

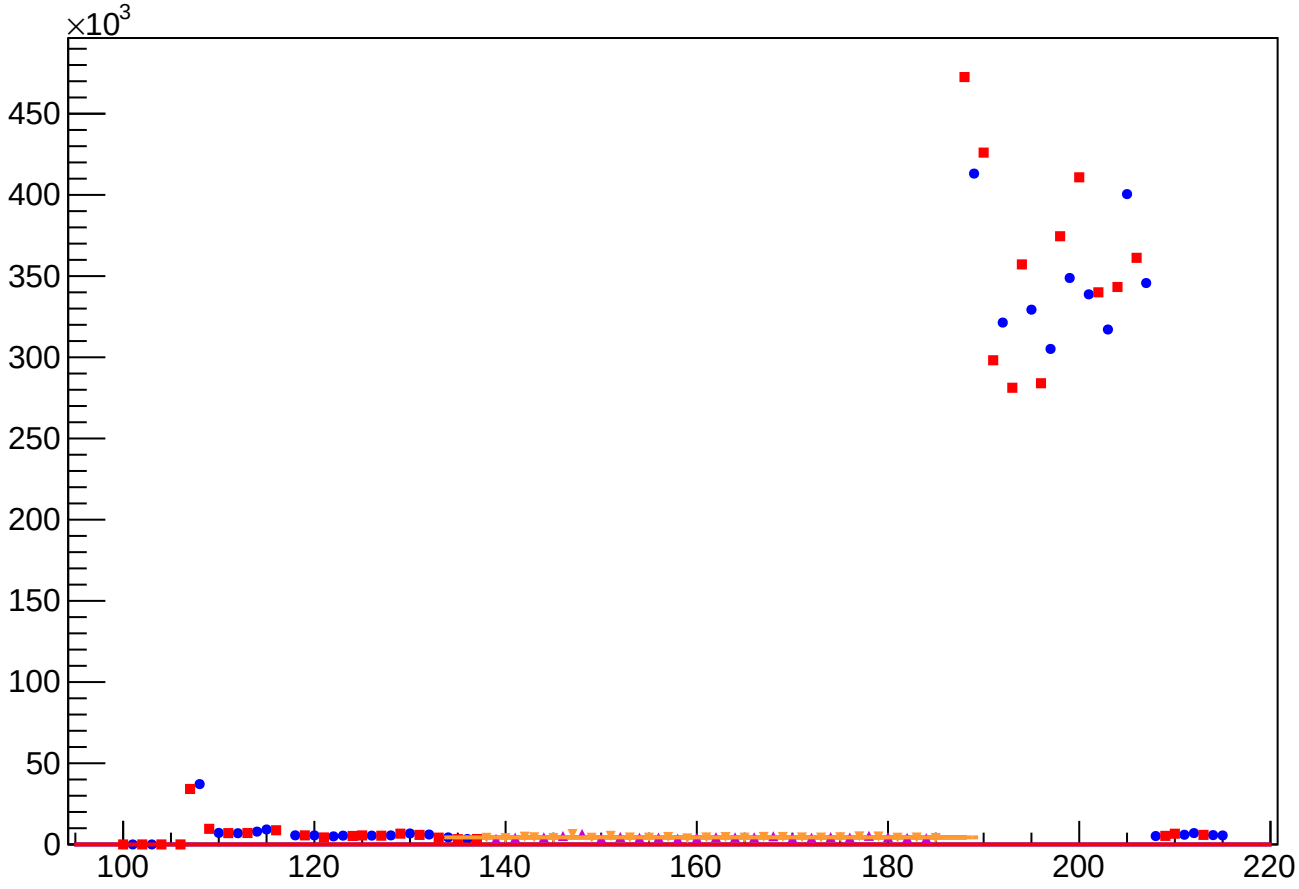
Right Out: 0.014+/-0.009 χ^2/NDF: 33.0/33

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: 120.4/113

- sign 0.014+/-0.009 χ^2/NDF: 69.3/56



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: 9.883+/-0.006 χ^2/NDF: 30157586.5/32

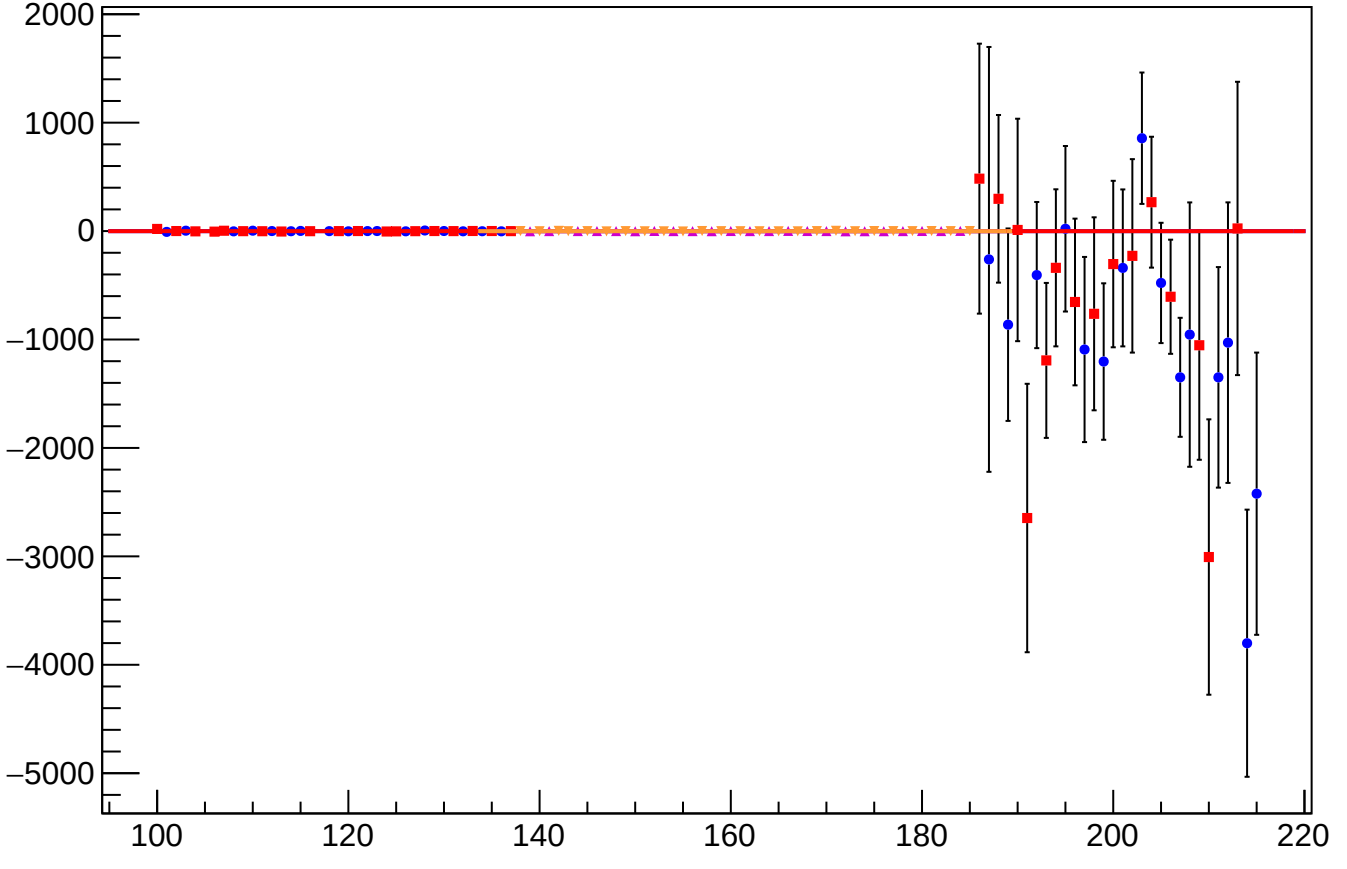
Left In: 4314.568+/-0.738 χ^2/NDF:534594.3/22

+ sign 10.342+/-0.007 χ^2/NDF: 67984851.9/55

All: 10.255+/-0.004 χ^2/NDF: 132739984.3/11

- sign 10.179+/-0.006 χ^2/NDF: 64754797.4/55

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

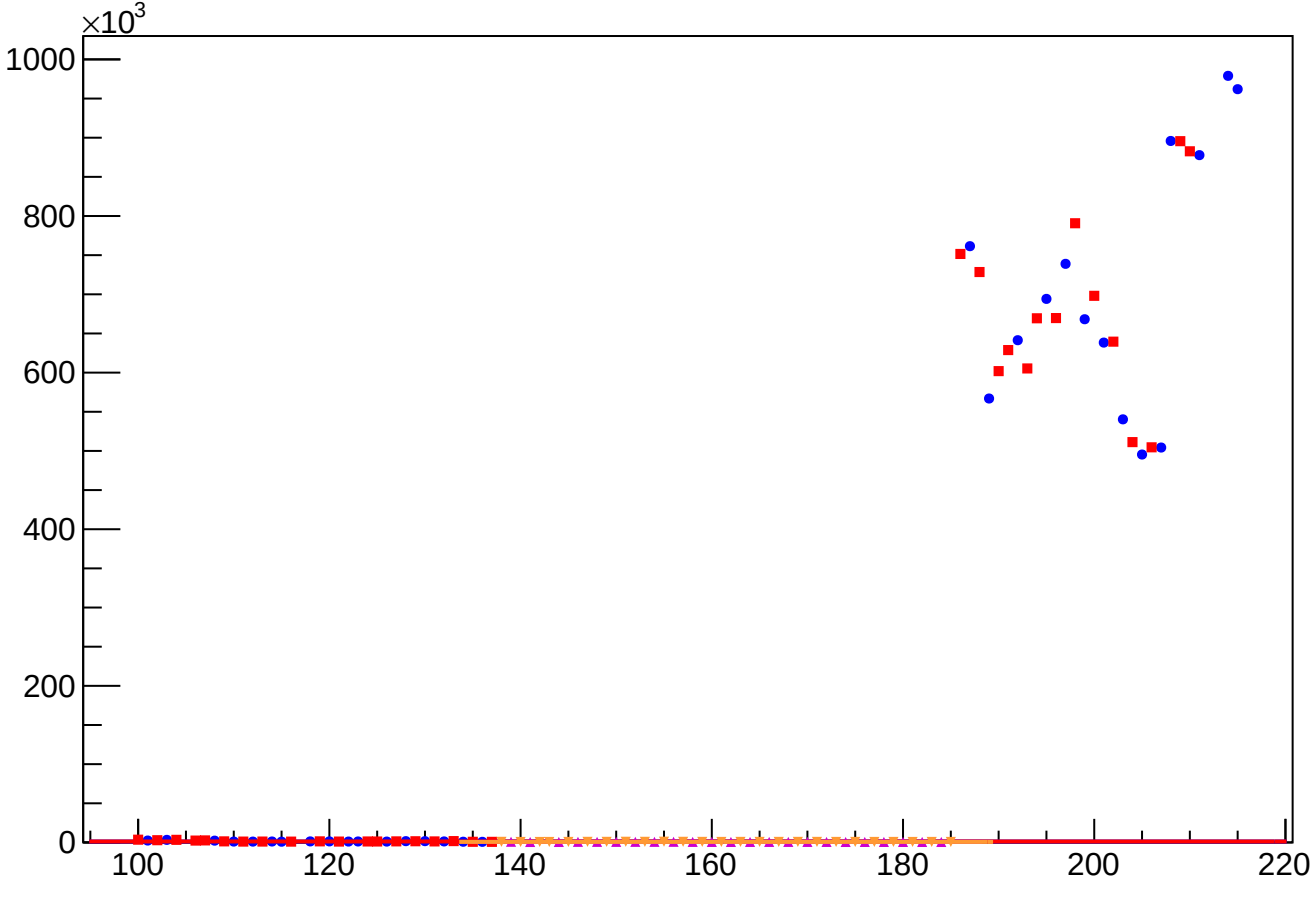
Right Out: -0.763+/-0.502 χ^2/NDF: 29.4/33

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: 181.2/113

- sign -0.097+/-0.161 χ^2/NDF: 60.6/56



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: 1252.624+/-0.355 χ^2/NDF: 18981927.6/32

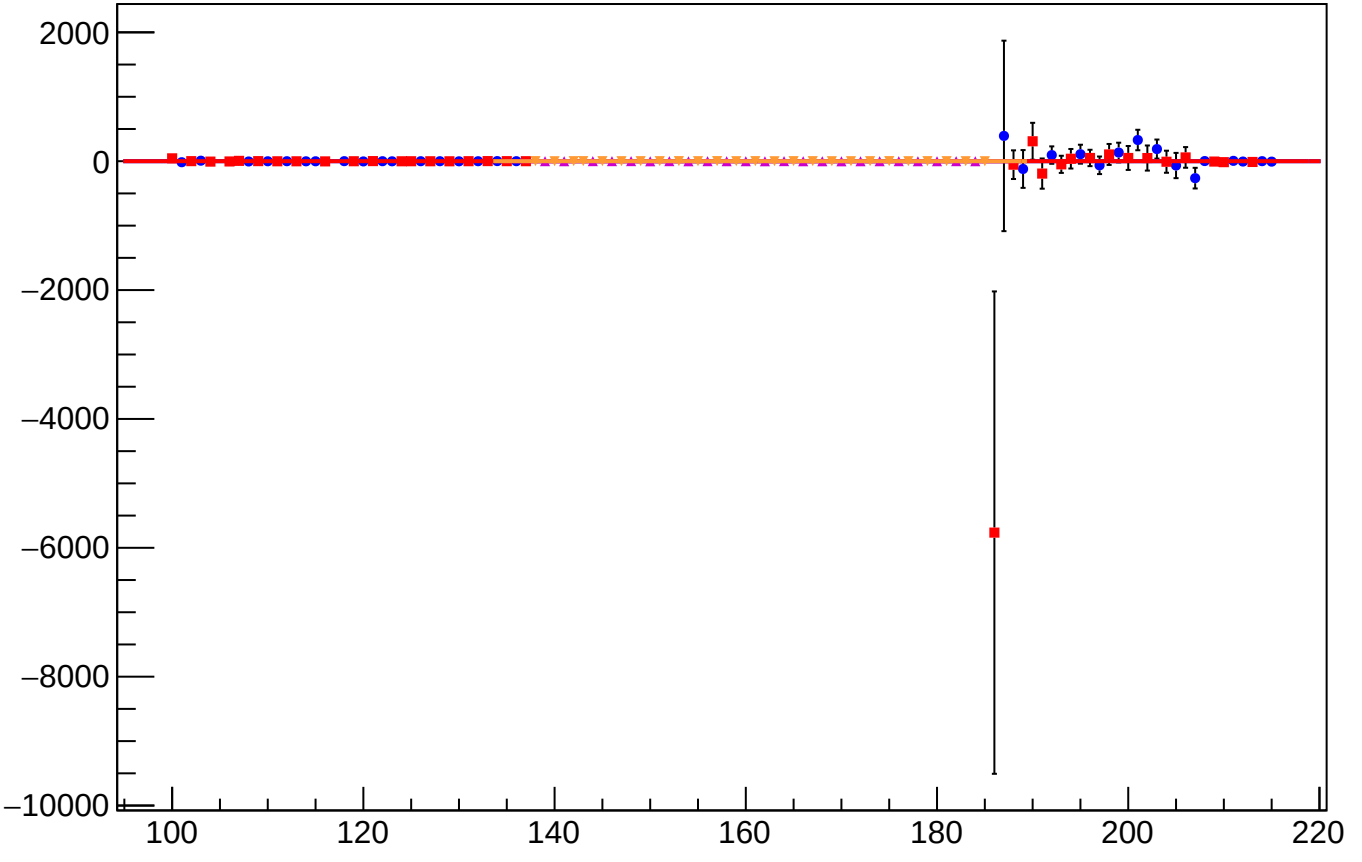
Left In: 706.950+/-0.120 χ^2/NDF:338177.1/22

+ sign 748.825+/-0.110 χ^2/NDF: 20610914.4/55

All: 755.735+/-0.079 χ^2/NDF: 42058186.0/11

- sign 763.144+/-0.114 χ^2/NDF: 21439099.6/55

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

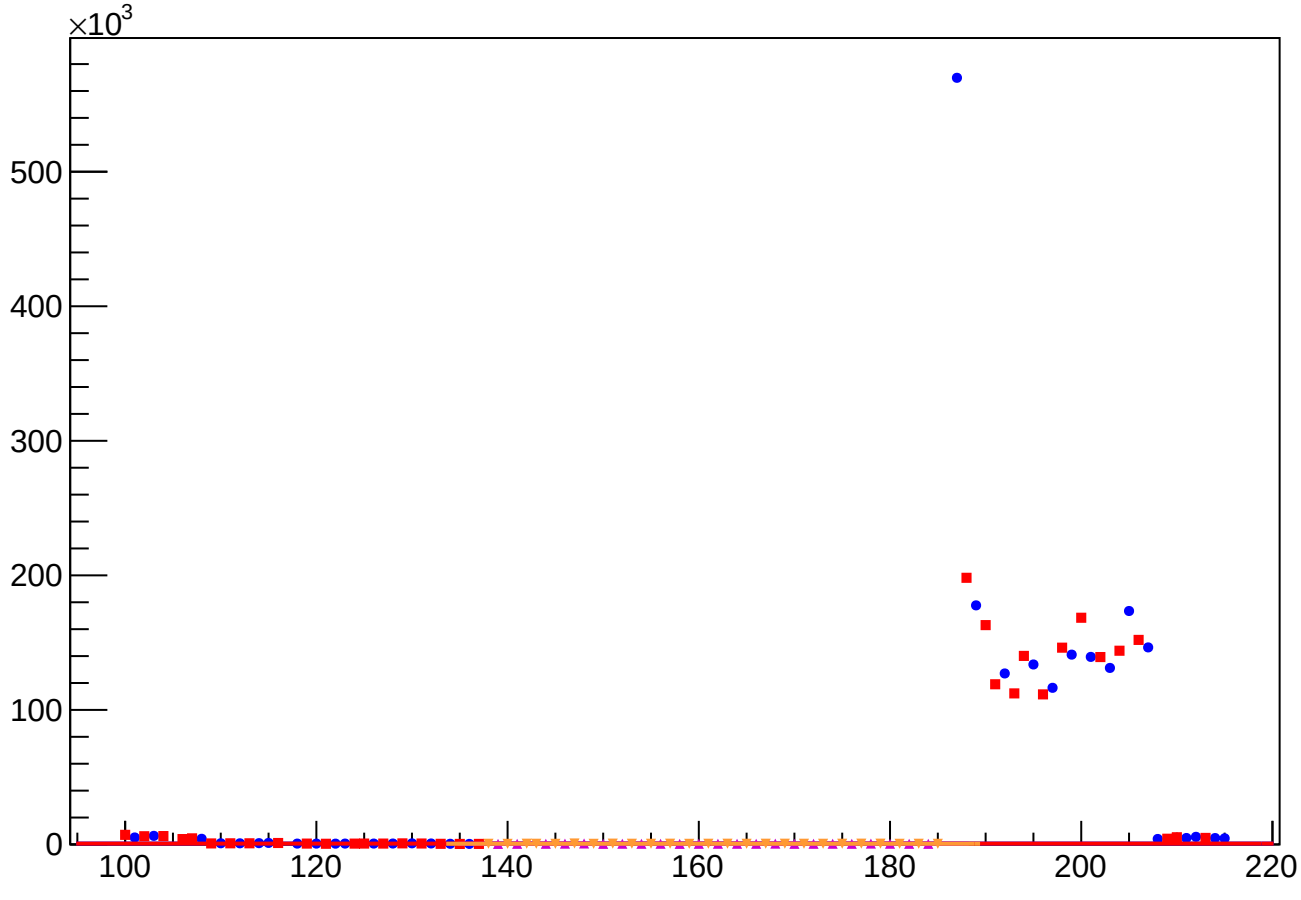
Right Out: 0.178+/-0.264 χ^2/NDF: 37.2/33

Left In: 0.115+/-0.125 χ^2/NDF:35.0/22

+ sign 0.185+/-0.111 χ^2/NDF: 53.7/56

All: 0.157+/-0.079 χ^2/NDF: 126.0/113

- sign 0.127+/-0.113 χ^2/NDF: 72.2/56



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: 630.598+/-0.187 χ^2/NDF: 21581758.2/32

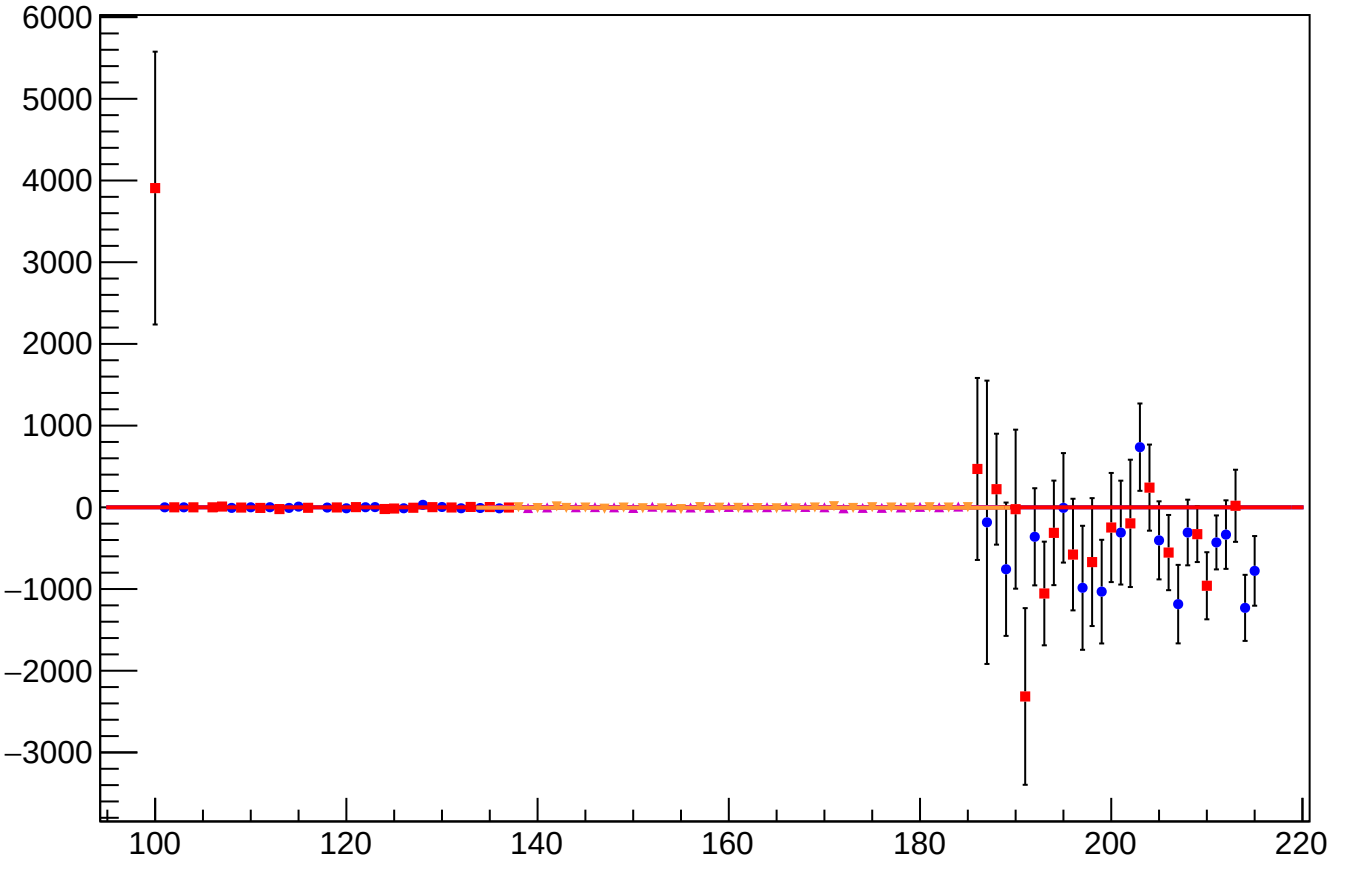
Left In: 519.909+/-0.089 χ^2/NDF:444746.3/22

+ sign 545.785+/-0.079 χ^2/NDF: 23007612.8/56

All: 543.095+/-0.056 χ^2/NDF: 45323319.8/11

- sign 540.314+/-0.080 χ^2/NDF: 22313338.3/55

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: 34.4/33

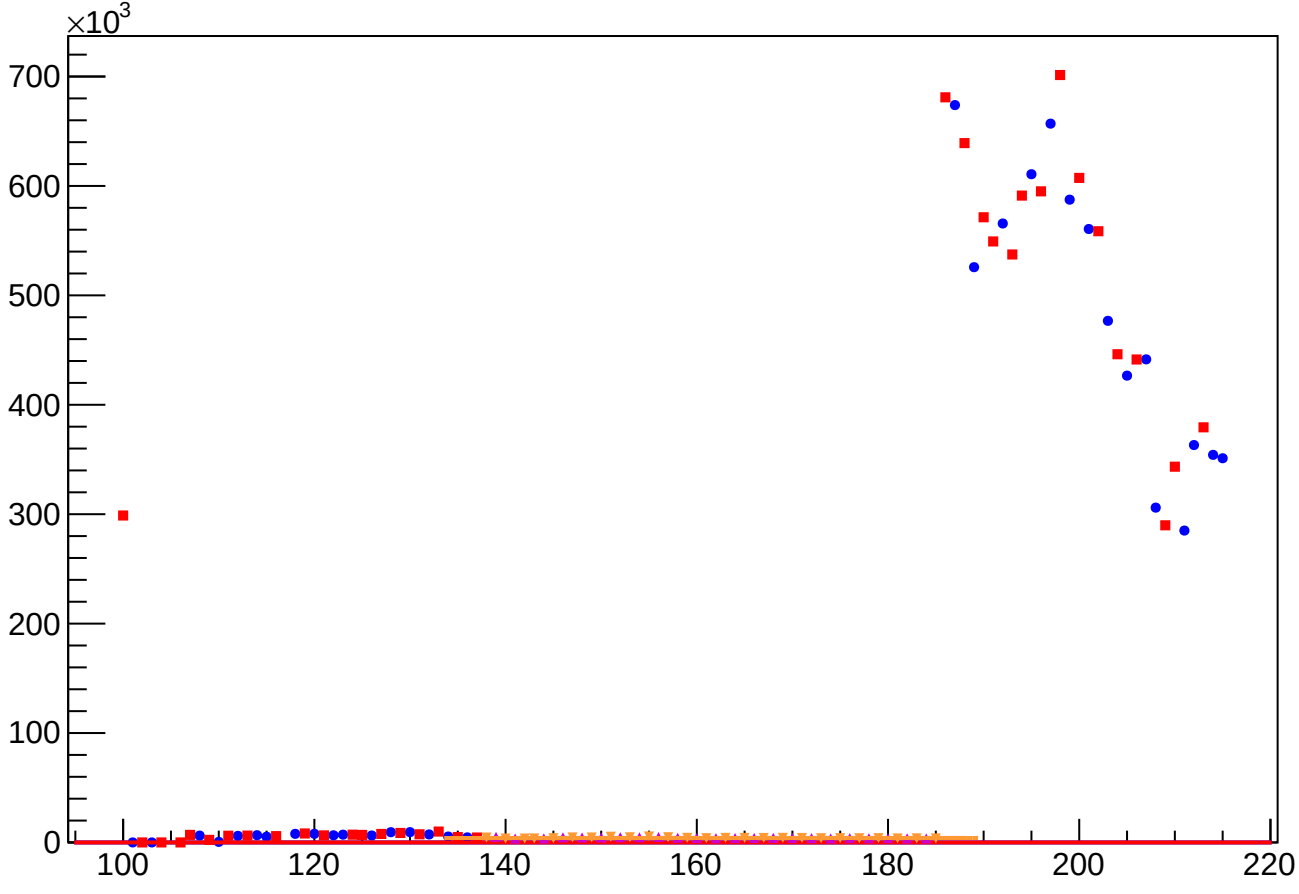
Left In: -0.193+/-0.990 χ^2/NDF:29.2/22

+ sign -0.024+/-0.021 χ^2/NDF: 125.6/56

All: -0.025+/-0.014 χ^2/NDF: 189.2/113

- sign -0.027+/-0.020 χ^2/NDF: 63.7/56

diff_cav4dX_rms vs Slug



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: 17.275+/-0.014 χ^2/NDF: 31001732.7/33

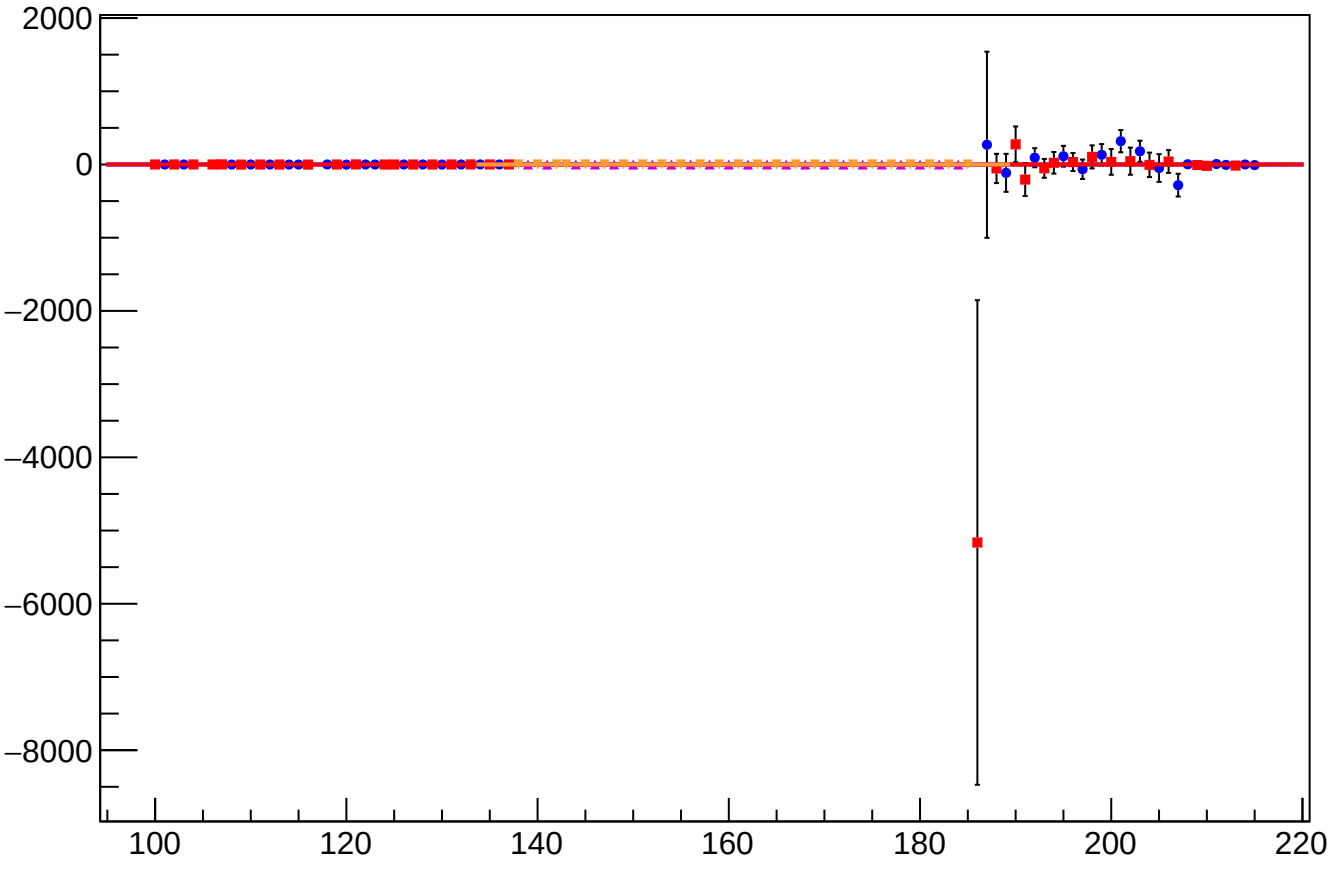
Left In: 4113.744+/-0.700 χ^2/NDF:354965.8/22

+ sign 19.266+/-0.015 χ^2/NDF: 68053715.9/56

All: 19.078+/-0.010 χ^2/NDF: 133627455.6/11

- sign 18.908+/-0.014 χ^2/NDF: 65573429.0/56

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: 35.6/33

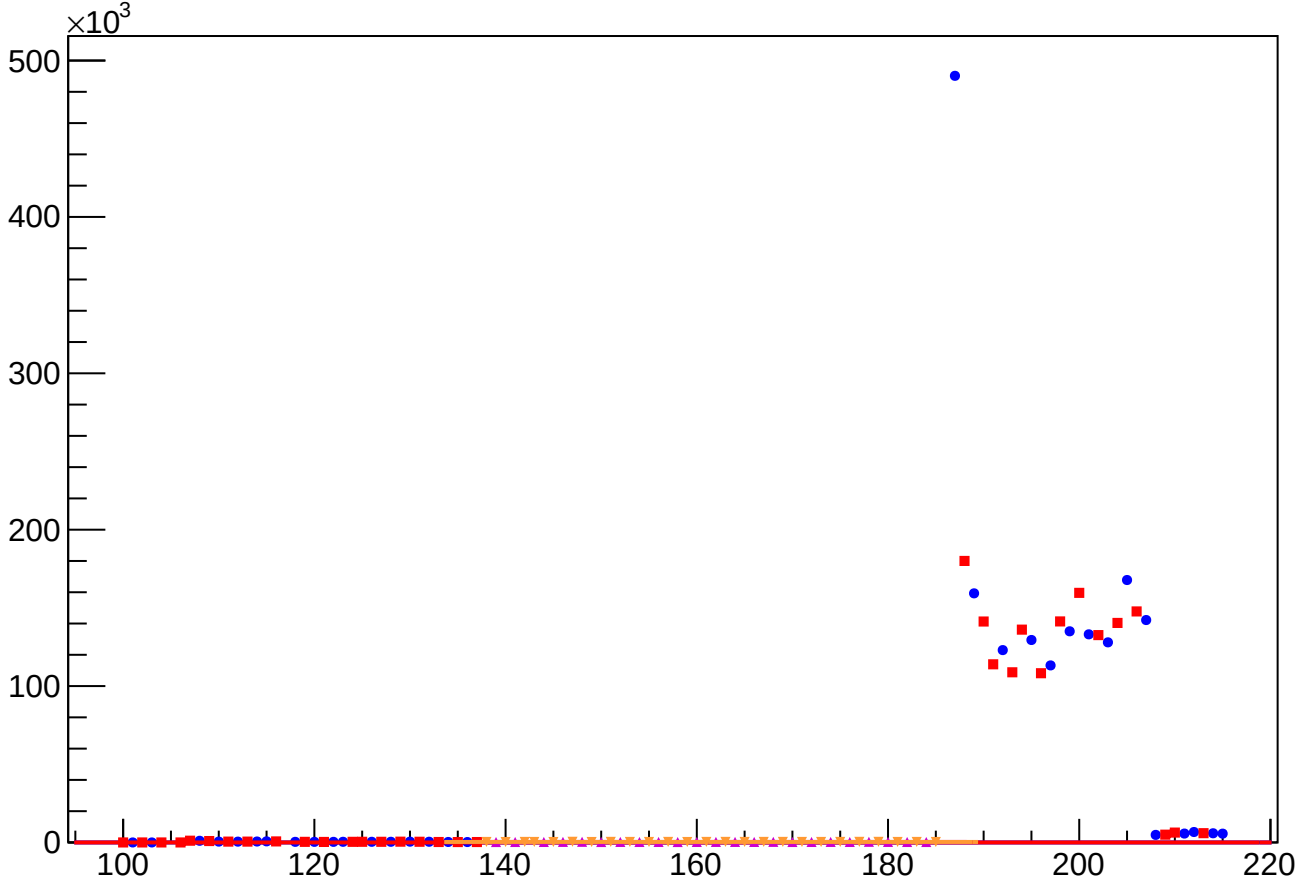
Left In: 0.075+/-0.078 χ^2/NDF:34.8/22

+ sign 0.000+/-0.002 χ^2/NDF: 51.0/56

All: 0.001+/-0.001 χ^2/NDF: 122.4/113

- sign 0.001+/-0.002 χ^2/NDF: 71.3/56

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

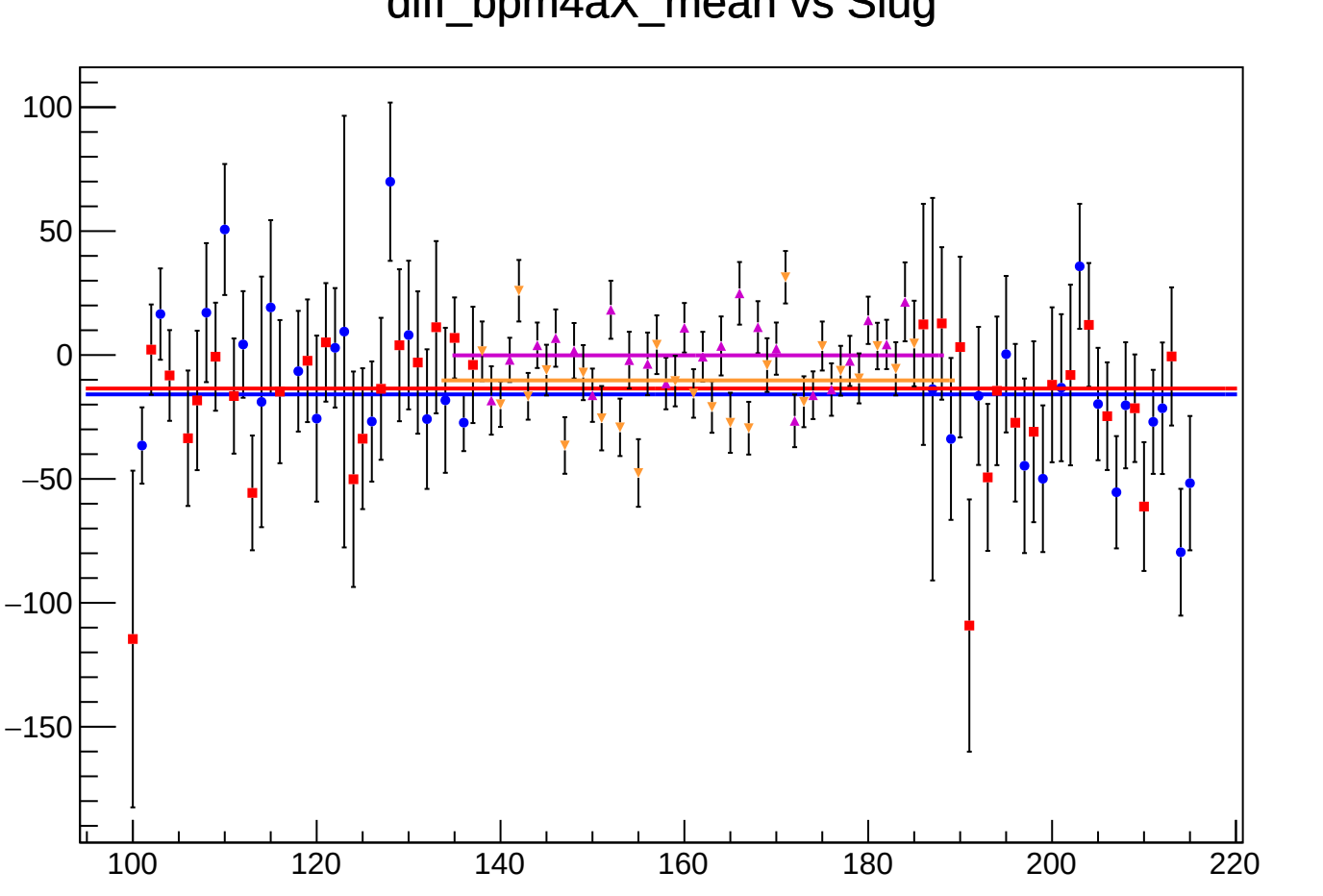
Right Out: 1.730+/-0.001 χ^2/NDF: 29942016.2/32

Left In: 325.201+/-0.055 χ^2/NDF:428069.7/22

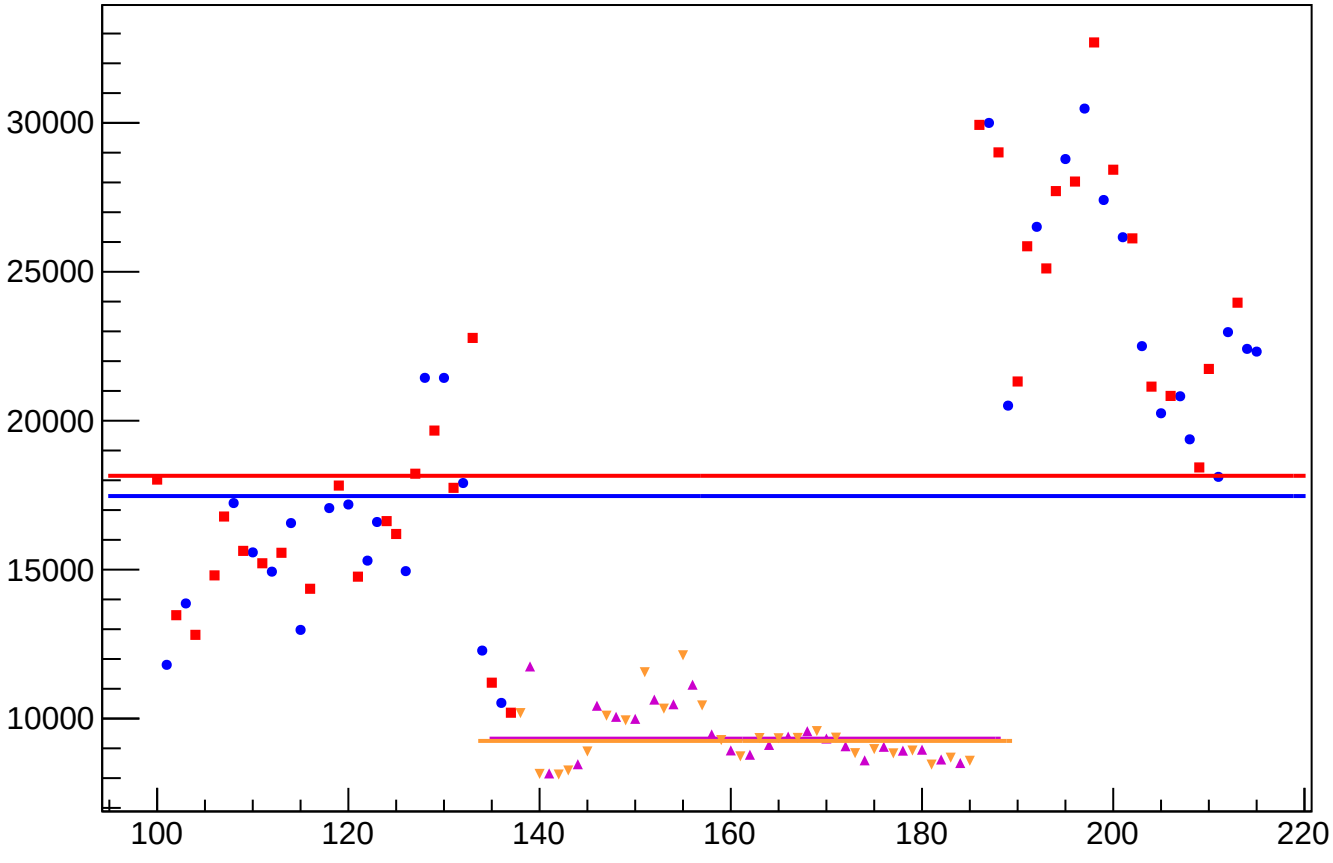
+ sign 1.929+/-0.001 χ^2/NDF: 68174320.2/56

All: 1.928+/-0.001 χ^2/NDF: 132515076.2/112

- sign 1.927+/-0.001 χ^2/NDF: 64340755.3/55


diff_bpm4aX_mean vs Slug
100
50
0
−50
−100
−150
100
120
140
160
180
200
220
Right In: -15.880+/-4.406 χ²/NDF: 42.7/31
Left Out: -10.235+/-2.167 χ²/NDF:58.0/24
Right Out: -13.526+/-4.571 χ²/NDF: 23.7/33
Left In: -0.130+/-2.242 χ²/NDF:29.8/22
+ sign -11.334+/-1.944 χ²/NDF: 102.0/56
All: -7.181+/-1.398 χ²/NDF: 171.9/113
- sign -2.728+/-2.013 χ²/NDF: 60.4/56

diff_bpm4aX_rms vs Slug



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: 18150.709+/-3.232 χ^2/NDF: 2887452.9/33

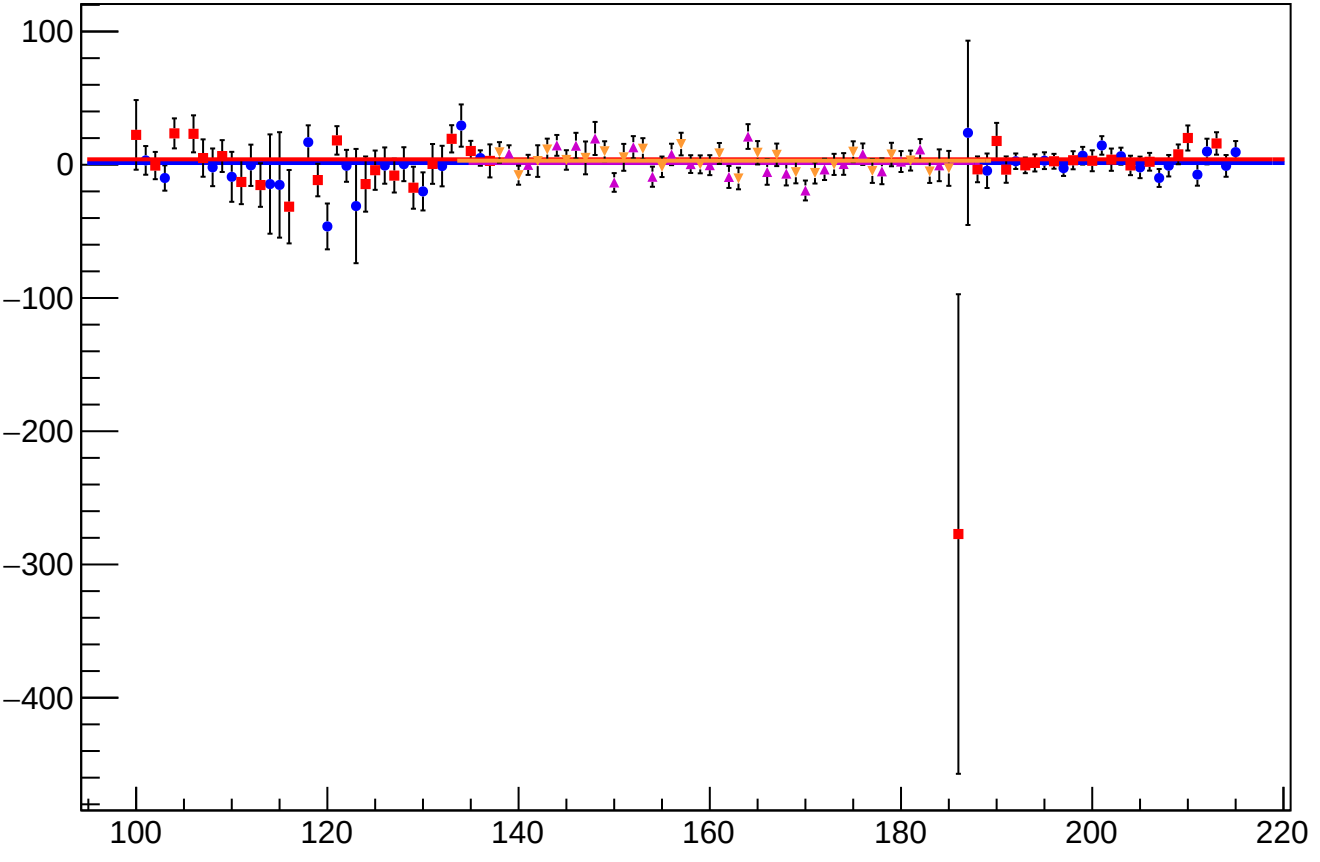
Left In: 9325.112+/-1.585 χ^2/NDF:280927.7/22

+ sign 10850.481+/-1.375 χ^2/NDF: 8856569.3/56

All: 10940.379+/-0.989 χ^2/NDF: 18043268.1

- sign 11036.755+/-1.423 χ^2/NDF: 9177838.9/56

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: 4.077+/-1.658 χ^2/NDF: 31.2/33

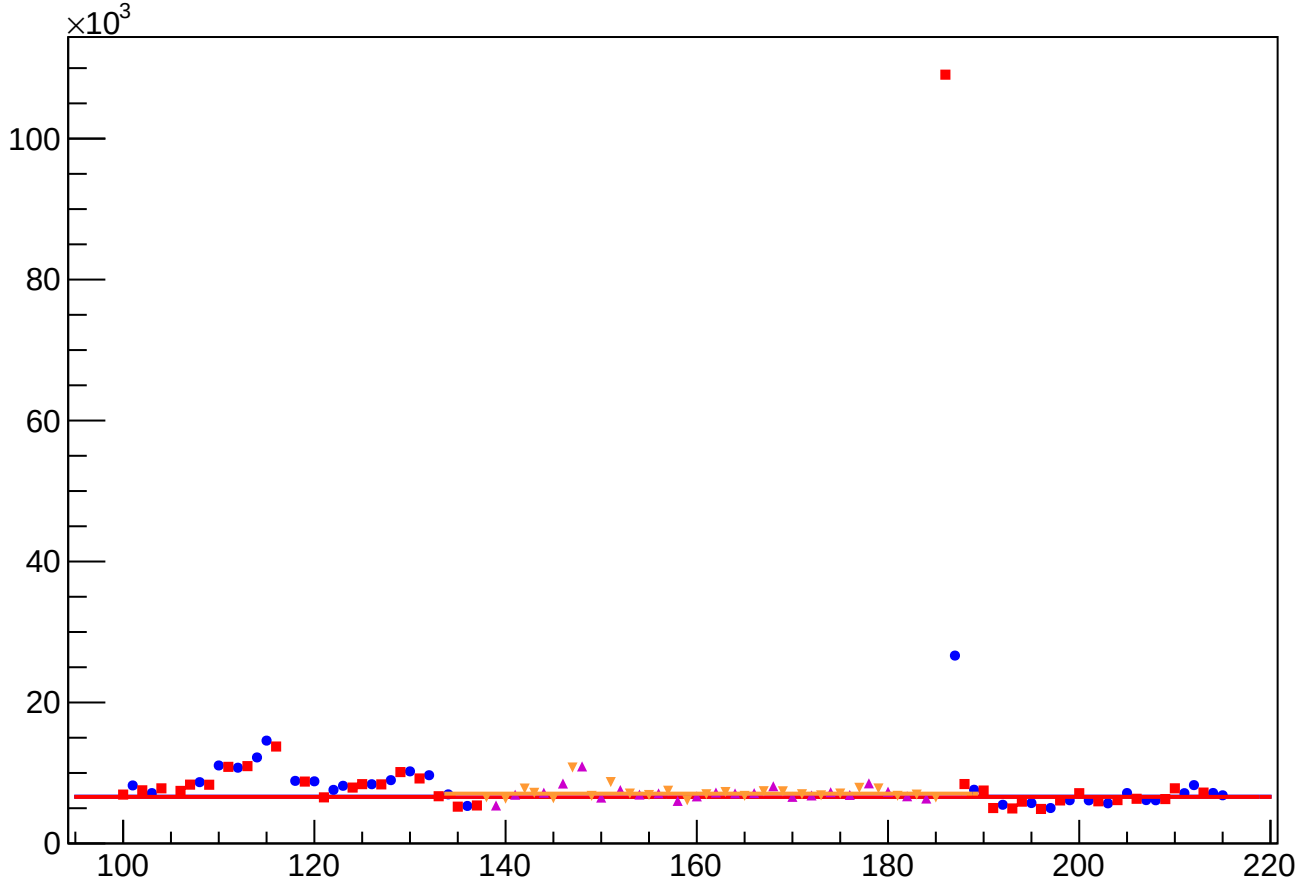
Left In: 1.394+/-1.693 χ^2/NDF:35.4/22

+ sign 2.177+/-1.168 χ^2/NDF: 48.3/56

All: 2.466+/-0.832 χ^2/NDF: 116.3/113

- sign 2.764+/-1.184 χ^2/NDF: 67.8/56

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: 6606.523+/-1.172 χ^2/NDF: 2150667.3/33

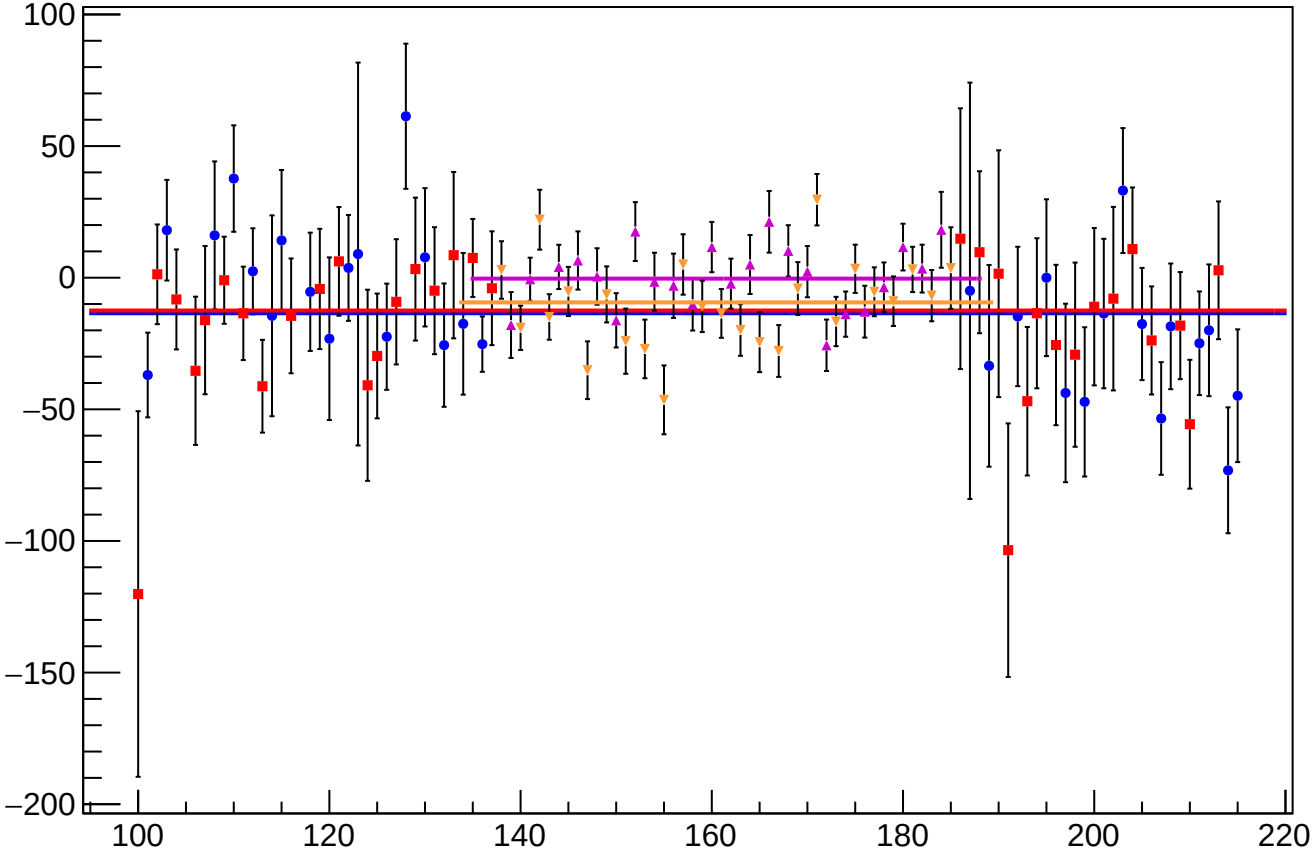
Left In: 7000.532+/-1.197 χ^2/NDF:550029.3/22

+ sign 6850.419+/-0.826 χ^2/NDF: 2062433.1/56

All: 6825.252+/-0.588 χ^2/NDF: 4820314.4/11

- sign 6799.349+/-0.838 χ^2/NDF: 2755995.7/56

diff_bpm4eX_mean vs Slug



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: -12.467+/-4.145 χ^2/NDF: 23.0/33

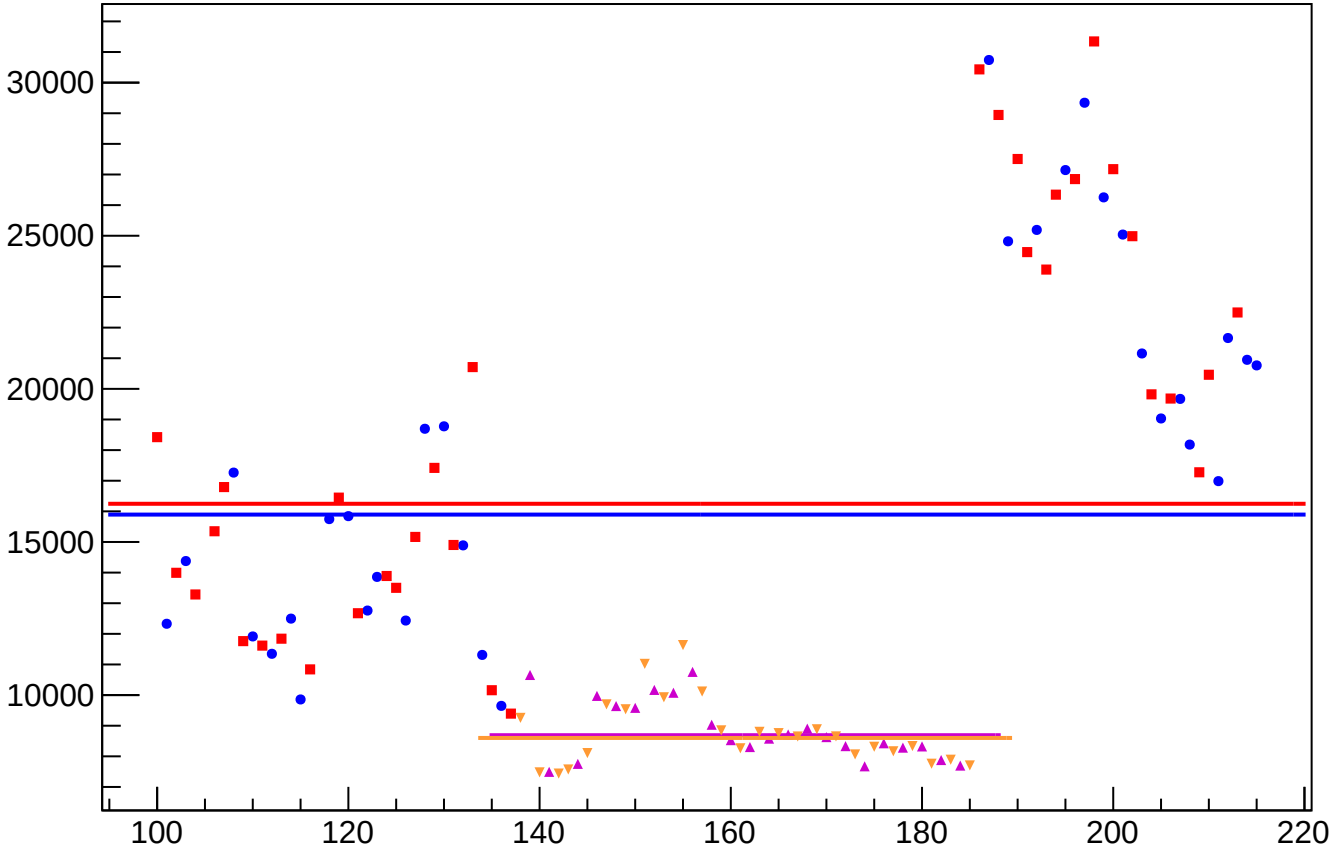
Left In: -0.353+/-2.092 χ^2/NDF:29.6/22

+ sign -10.201+/-1.805 χ^2/NDF: 102.7/56

All: -6.634+/-1.298 χ^2/NDF: 170.3/113

- sign -2.813+/-1.868 χ^2/NDF: 59.5/56

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

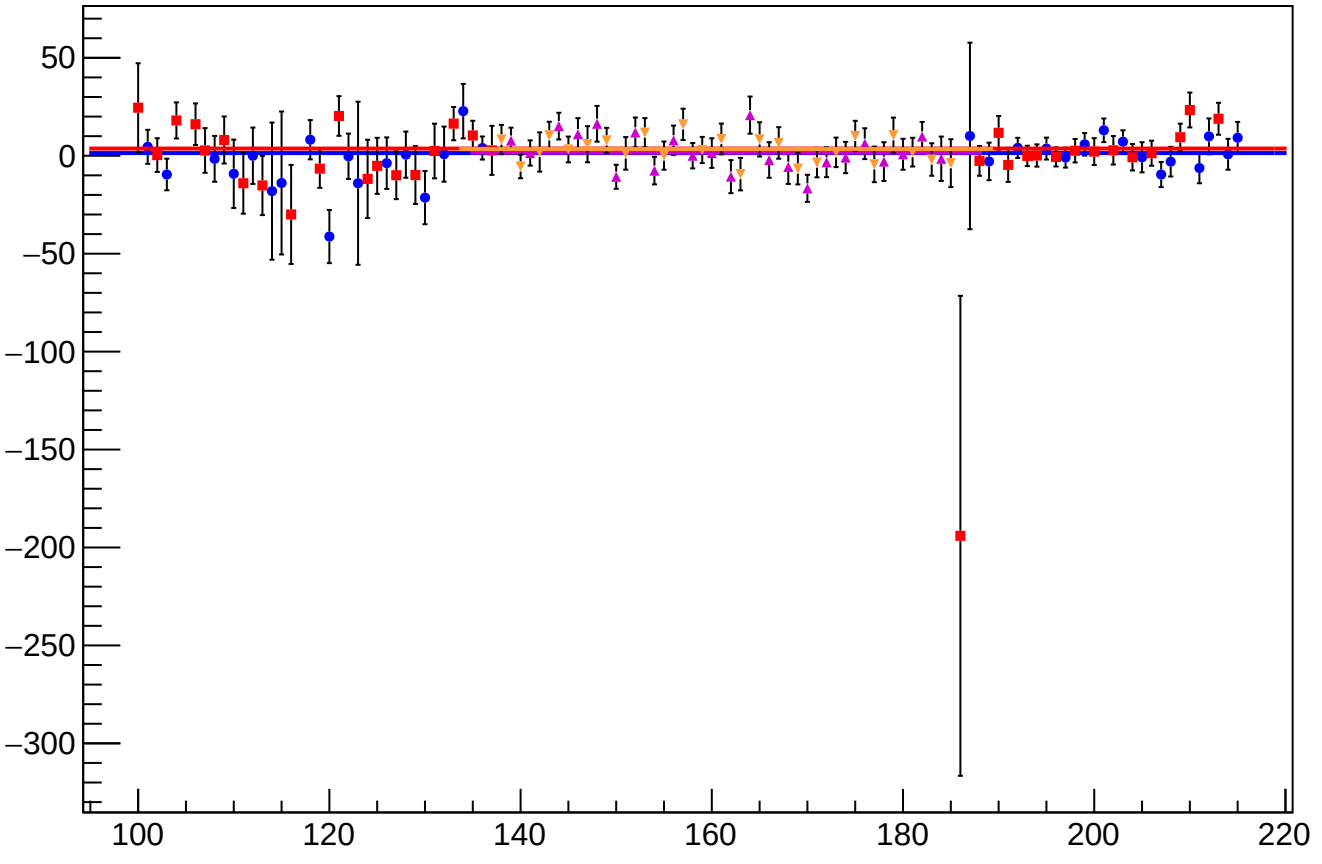
Right Out: 16247.390+/-2.931 χ^2/NDF: 3666209.4/33

Left In: 8690.209+/-1.479 χ^2/NDF:370834.1/22

+ sign 10060.162+/-1.276 χ^2/NDF: 9052785.2/56

All: 10139.676+/-0.918 χ^2/NDF: 18396733.9

- sign 10224.852+/-1.321 χ^2/NDF: 9335906.4/56



Right In: 1.367+/-1.488 χ^2/NDF: 31.2/31

Left Out: 3.406+/-1.550 χ^2/NDF:16.8/24

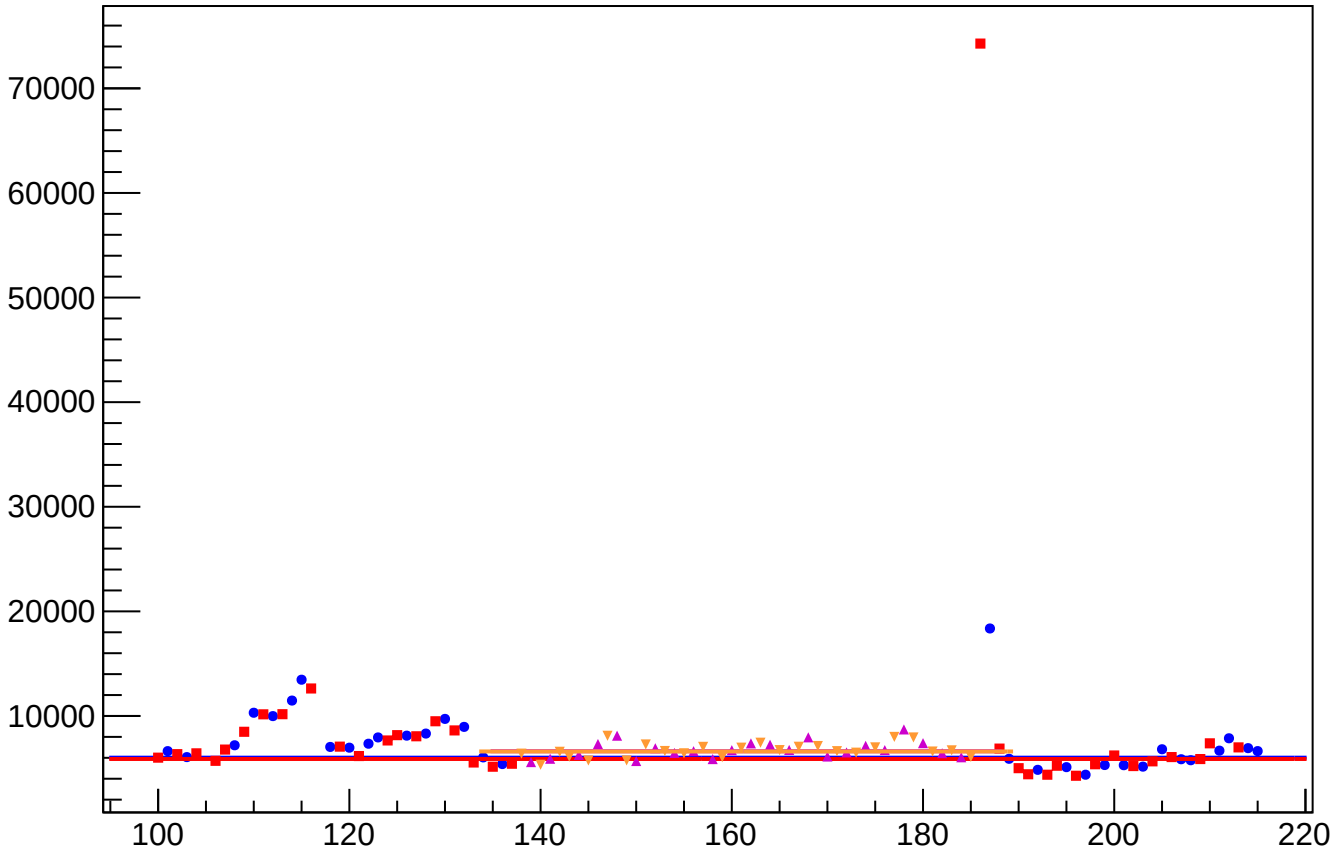
Right Out: 3.675+/-1.474 χ^2/NDF: 35.9/33

Left In: 1.627+/-1.599 χ^2/NDF:33.5/22

+ sign 2.344+/-1.074 χ^2/NDF: 48.9/56

All: 2.537+/-0.763 χ^2/NDF: 119.3/113

- sign 2.734+/-1.084 χ^2/NDF: 70.3/56



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: 5889.548+/-1.043 χ^2/NDF: 2232326.0/33

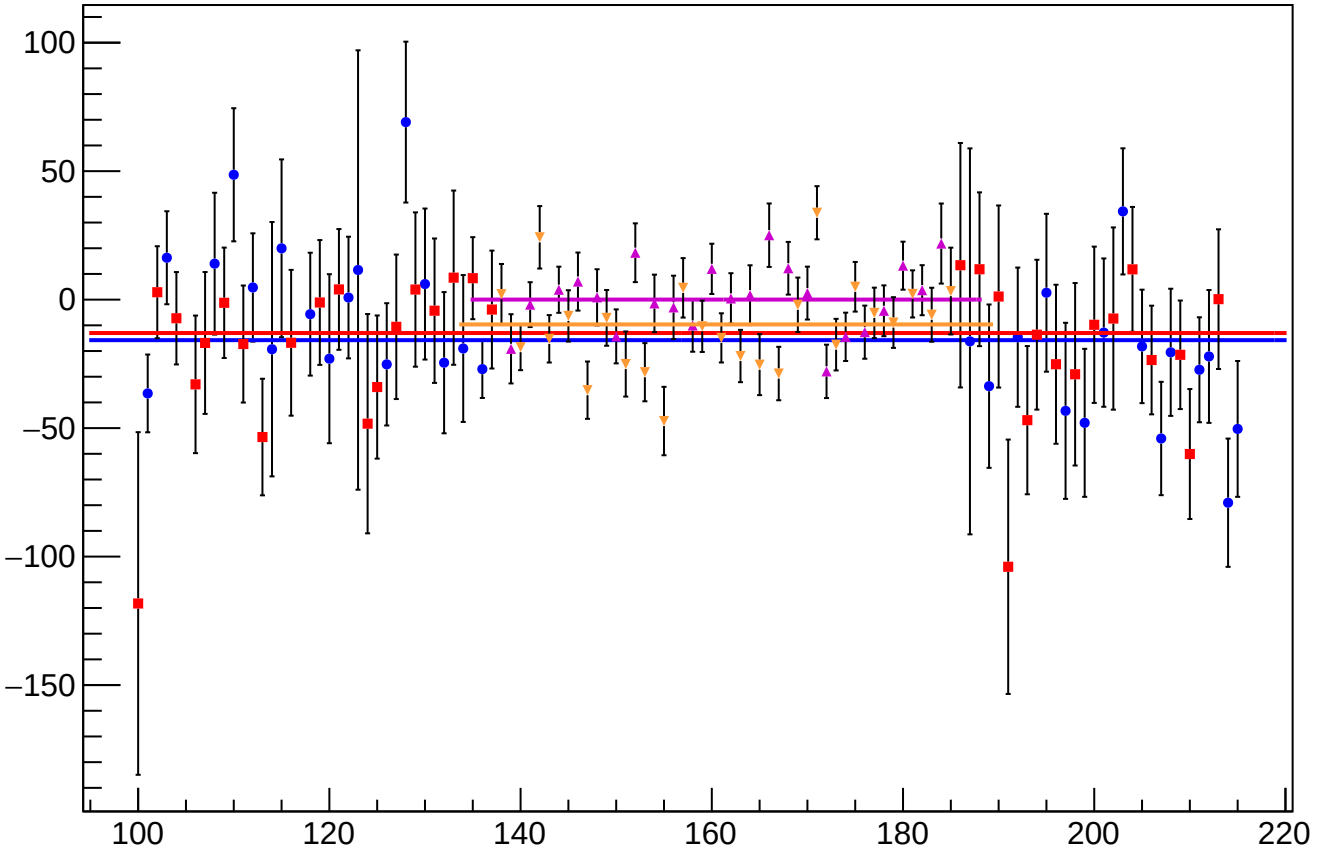
Left In: 6628.653+/-1.131 χ^2/NDF:430282.2/22

+ sign 6297.506+/-0.759 χ^2/NDF: 2190834.8/56

All: 6263.670+/-0.539 χ^2/NDF: 5088385.0/11

- sign 6229.171+/-0.766 χ^2/NDF: 2893537.6/56

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: -12.996+/-4.470 χ^2/NDF: 23.7/33

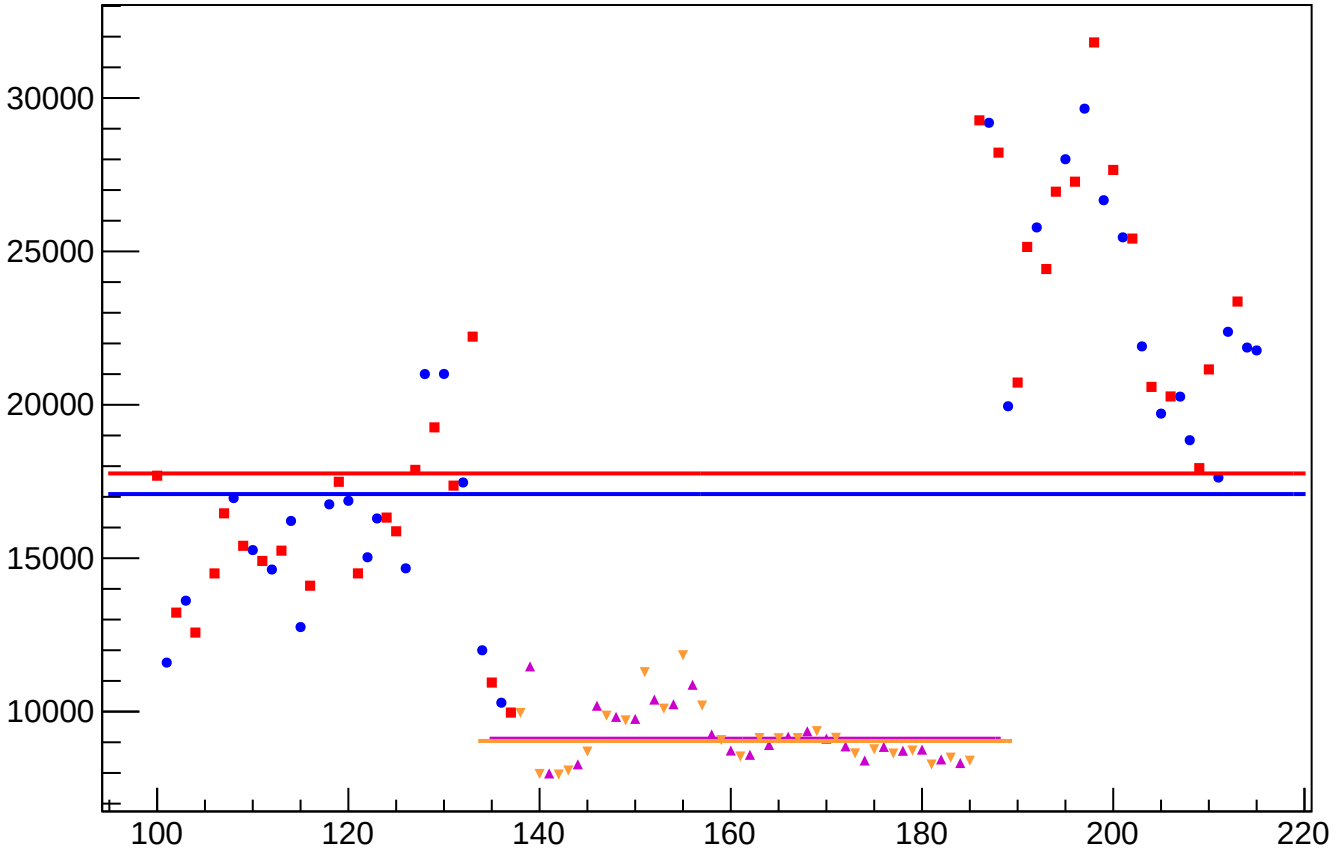
Left In: 0.019+/-2.192 χ^2/NDF:30.6/22

+ sign -10.841+/-1.901 χ^2/NDF: 104.1/56

All: -6.818+/-1.367 χ^2/NDF: 174.6/113

- sign -2.504+/-1.968 χ^2/NDF: 61.2/56

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: 17762.773+/-3.161 χ^2/NDF: 2836169.7/33

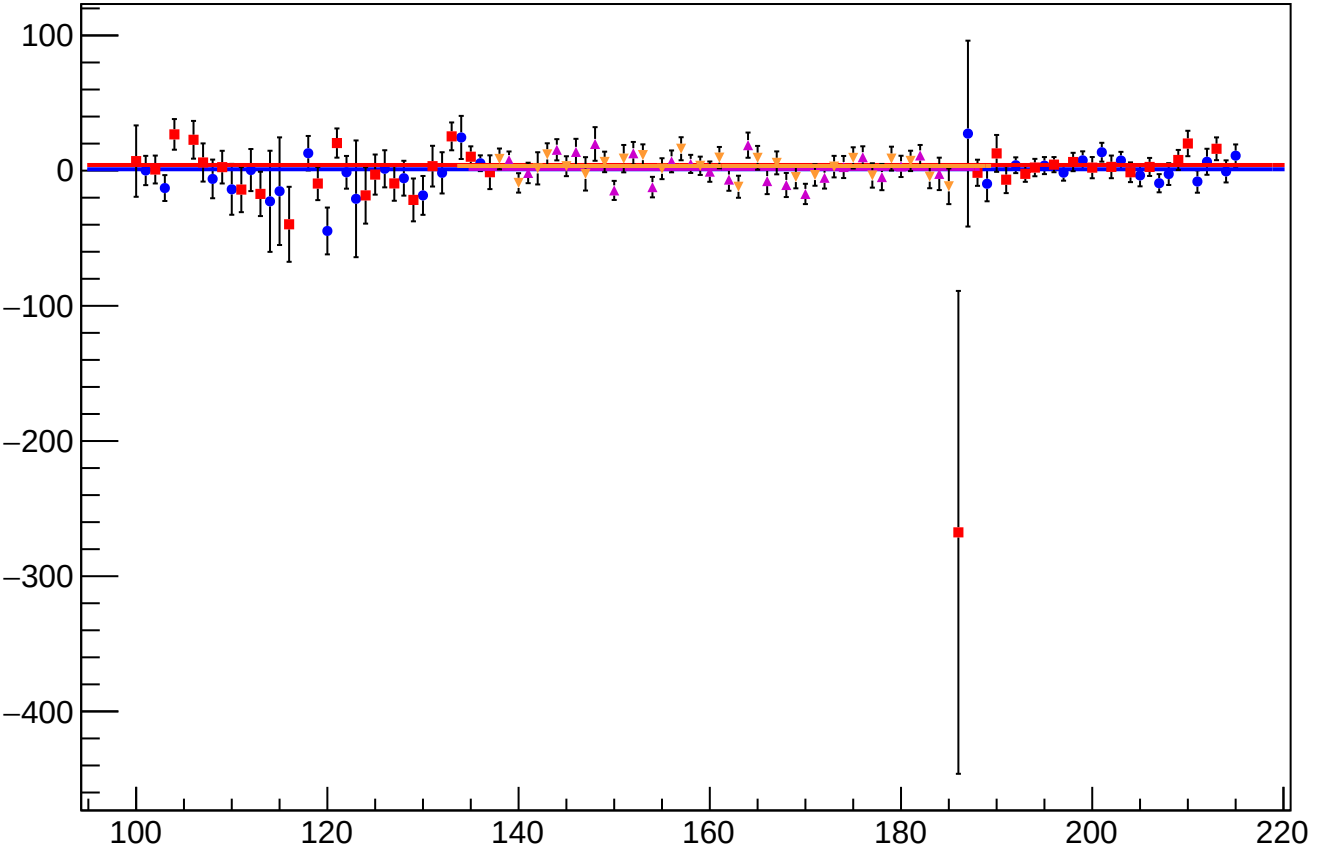
Left In: 9116.921+/-1.550 χ^2/NDF:277594.8/22

+ sign 10611.038+/-1.344 χ^2/NDF: 8820847.4/56

All: 10698.897+/-0.967 χ^2/NDF: 17975676.0

- sign 10793.090+/-1.392 χ^2/NDF: 9145974.2/56

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: 4.188+/-1.664 χ^2/NDF: 36.5/33

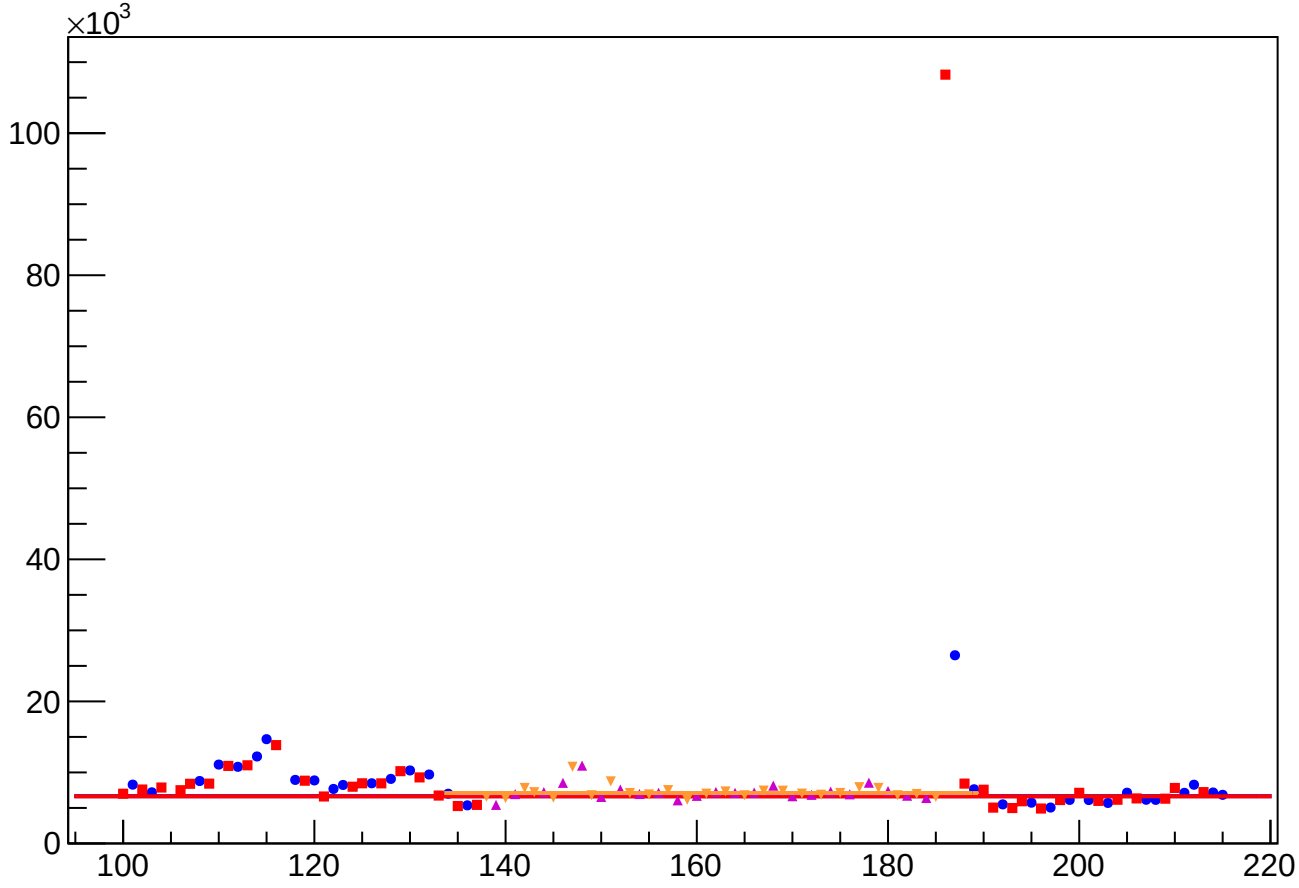
Left In: 1.291+/-1.701 χ^2/NDF:36.5/22

+ sign 2.212+/-1.172 χ^2/NDF: 49.2/56

All: 2.488+/-0.835 χ^2/NDF: 123.8/113

- sign 2.771+/-1.189 χ^2/NDF: 74.6/56

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: 6631.117+/-1.176 χ^2/NDF: 2154217.9/33

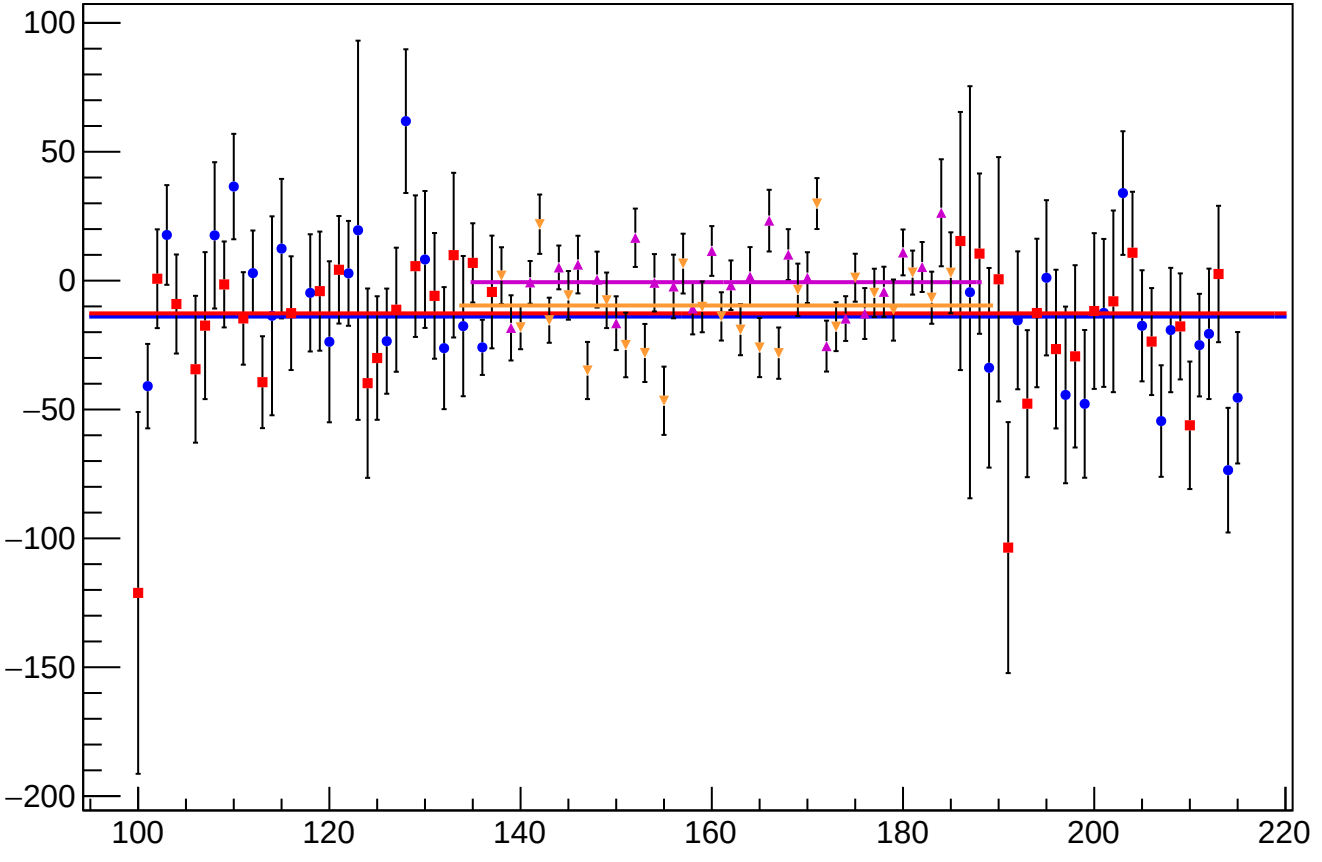
Left In: 7033.702+/-1.203 χ^2/NDF:541035.5/22

+ sign 6876.062+/-0.829 χ^2/NDF: 2067023.1/56

All: 6852.360+/-0.590 χ^2/NDF: 4821203.1/11

- sign 6827.945+/-0.841 χ^2/NDF: 2752518.8/56

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: -12.708+/-4.199 χ^2/NDF: 22.0/33

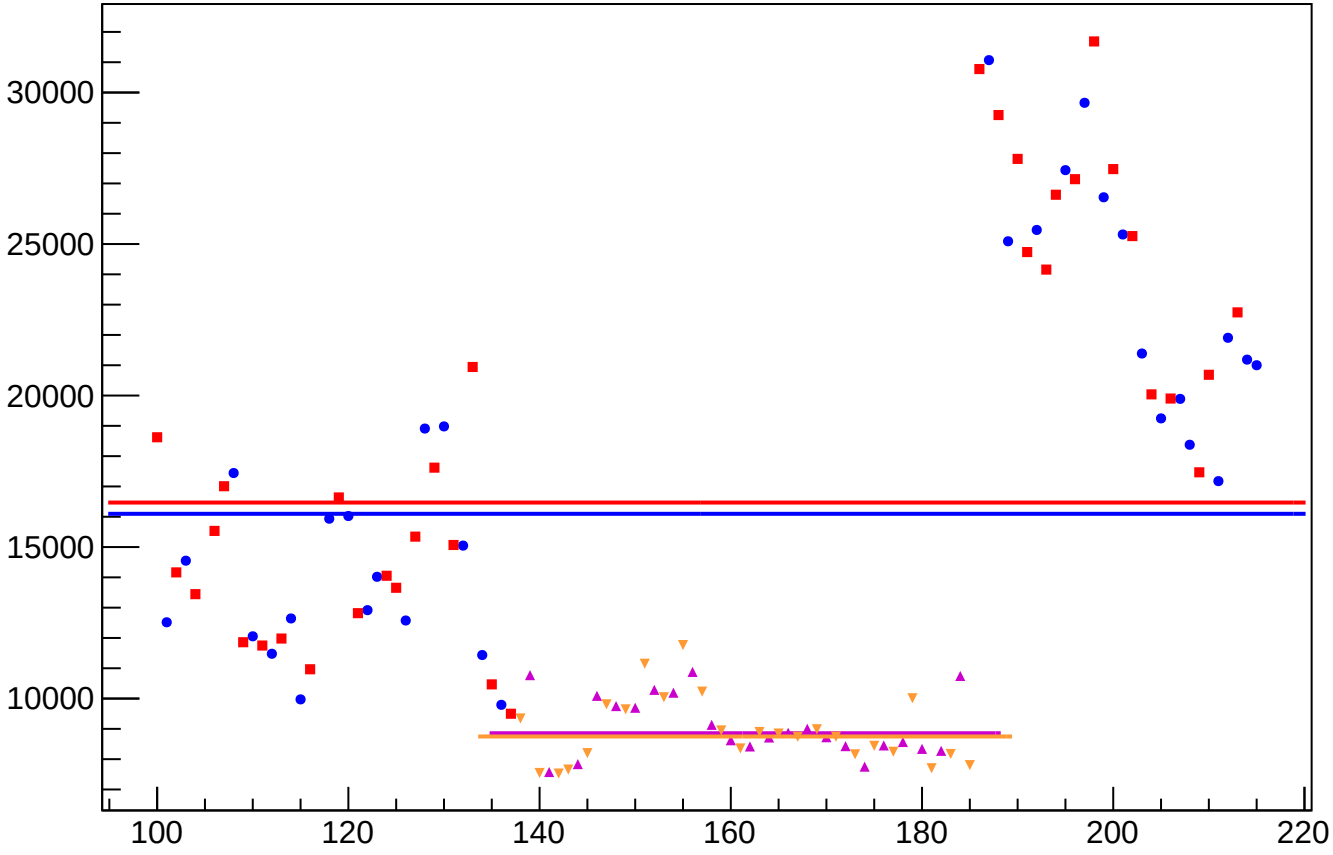
Left In: -0.599+/-2.135 χ^2/NDF:29.7/22

+ sign -10.512+/-1.837 χ^2/NDF: 102.5/56

All: -6.930+/-1.322 χ^2/NDF: 168.6/113

- sign -3.086+/-1.903 χ^2/NDF: 58.3/56

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: 16468.758+/-2.969 χ^2/NDF: 3627809.8/33

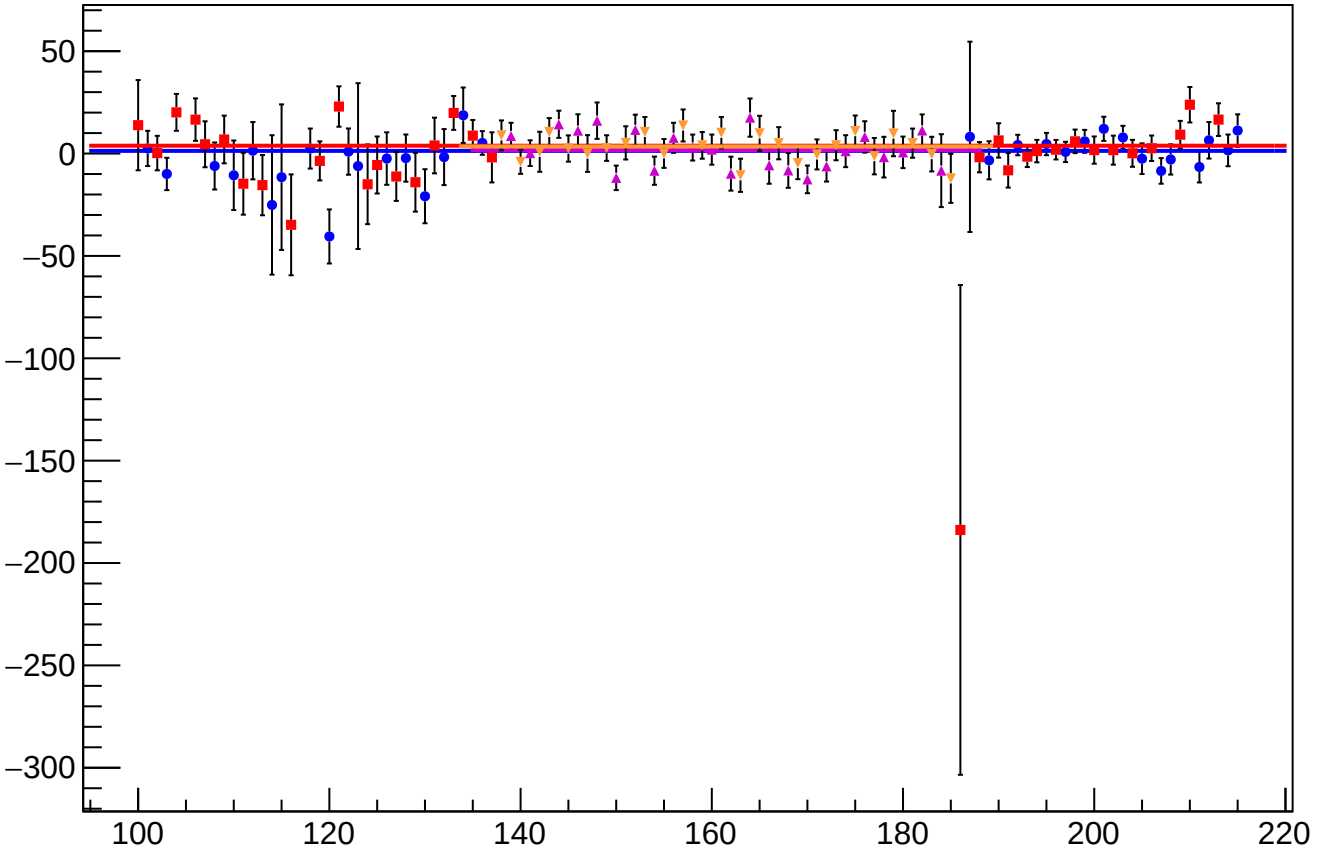
Left In: 8855.591+/-1.510 χ^2/NDF:367542.7/22

+ sign 10235.356+/-1.299 χ^2/NDF: 8987530.1/56

All: 10324.075+/-0.935 χ^2/NDF: 18215695.0

- sign 10419.263+/-1.346 χ^2/NDF: 9218498.9/56

diff_bpm4ecY_mean vs Slug



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: 3.835+/-1.437 χ^2/NDF: 40.1/33

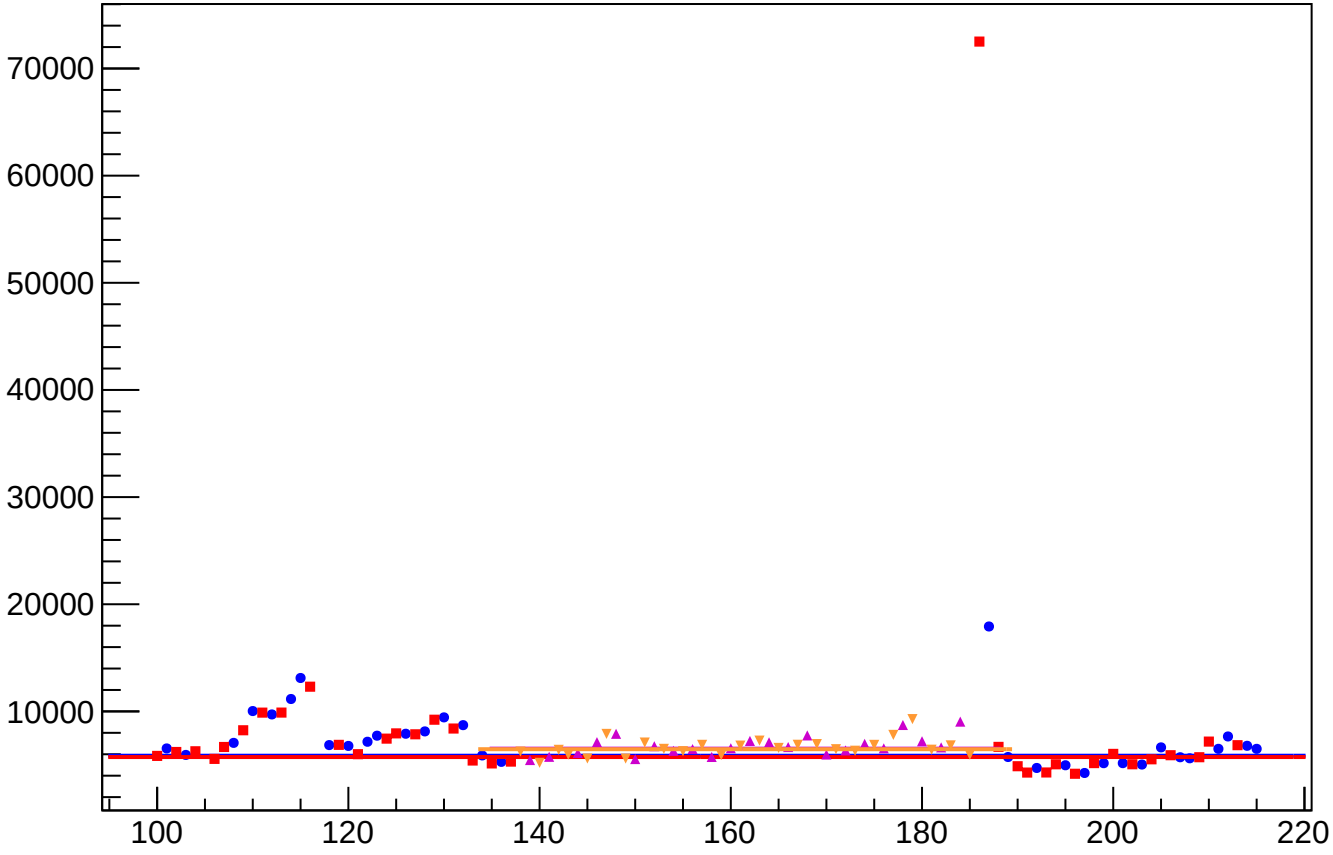
Left In: 1.638+/-1.578 χ^2/NDF:33.7/22

+ sign 2.341+/-1.051 χ^2/NDF: 48.1/56

All: 2.587+/-0.747 χ^2/NDF: 123.1/113

- sign 2.839+/-1.063 χ^2/NDF: 74.9/56

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: 5739.764+/-1.016 χ^2/NDF: 2223735.9/33

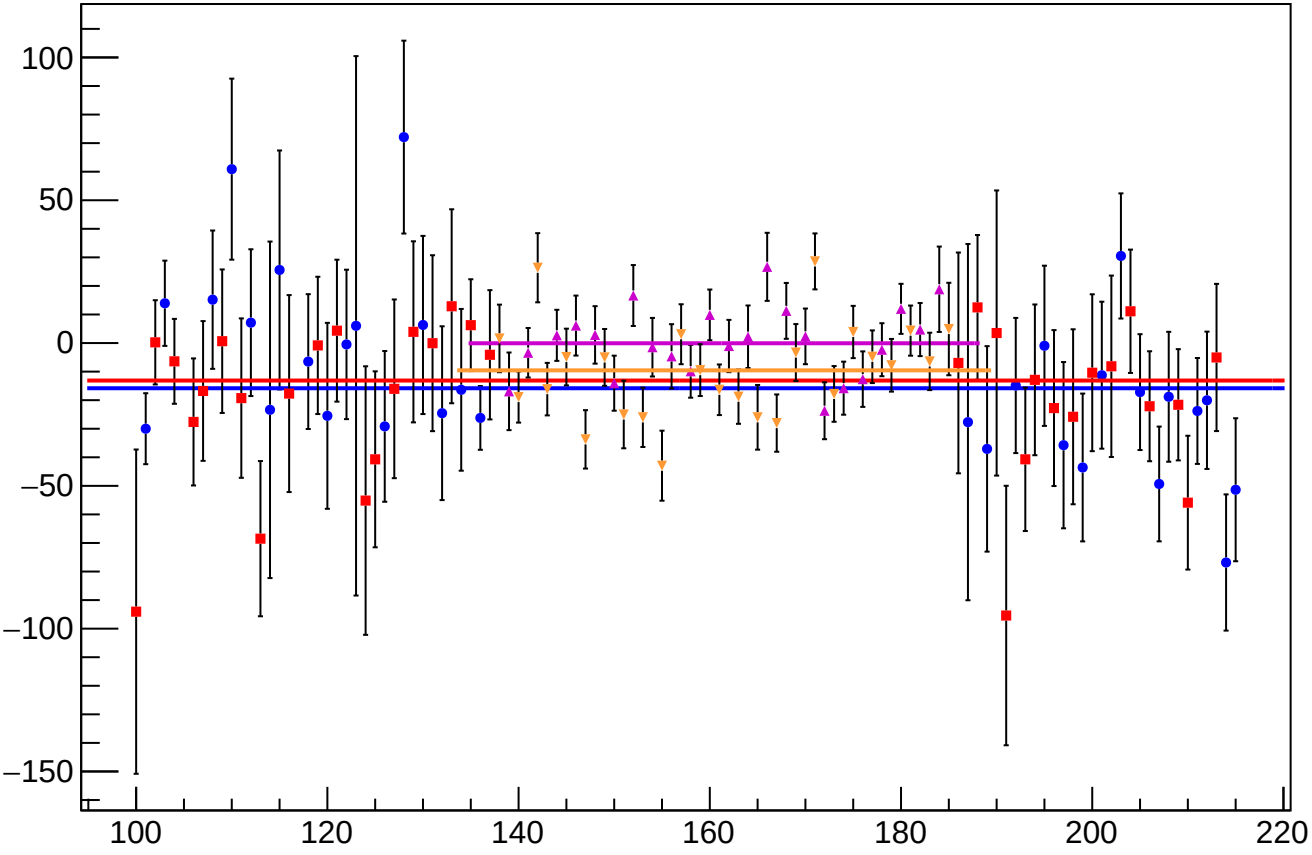
Left In: 6521.975+/-1.116 χ^2/NDF:480034.7/22

+ sign 6152.766+/-0.743 χ^2/NDF: 2305638.1/56

All: 6123.952+/-0.528 χ^2/NDF: 5281048.4/11

- sign 6094.509+/-0.751 χ^2/NDF: 2972372.0/56

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: -13.122+/-4.285 χ^2/NDF: 24.1/33

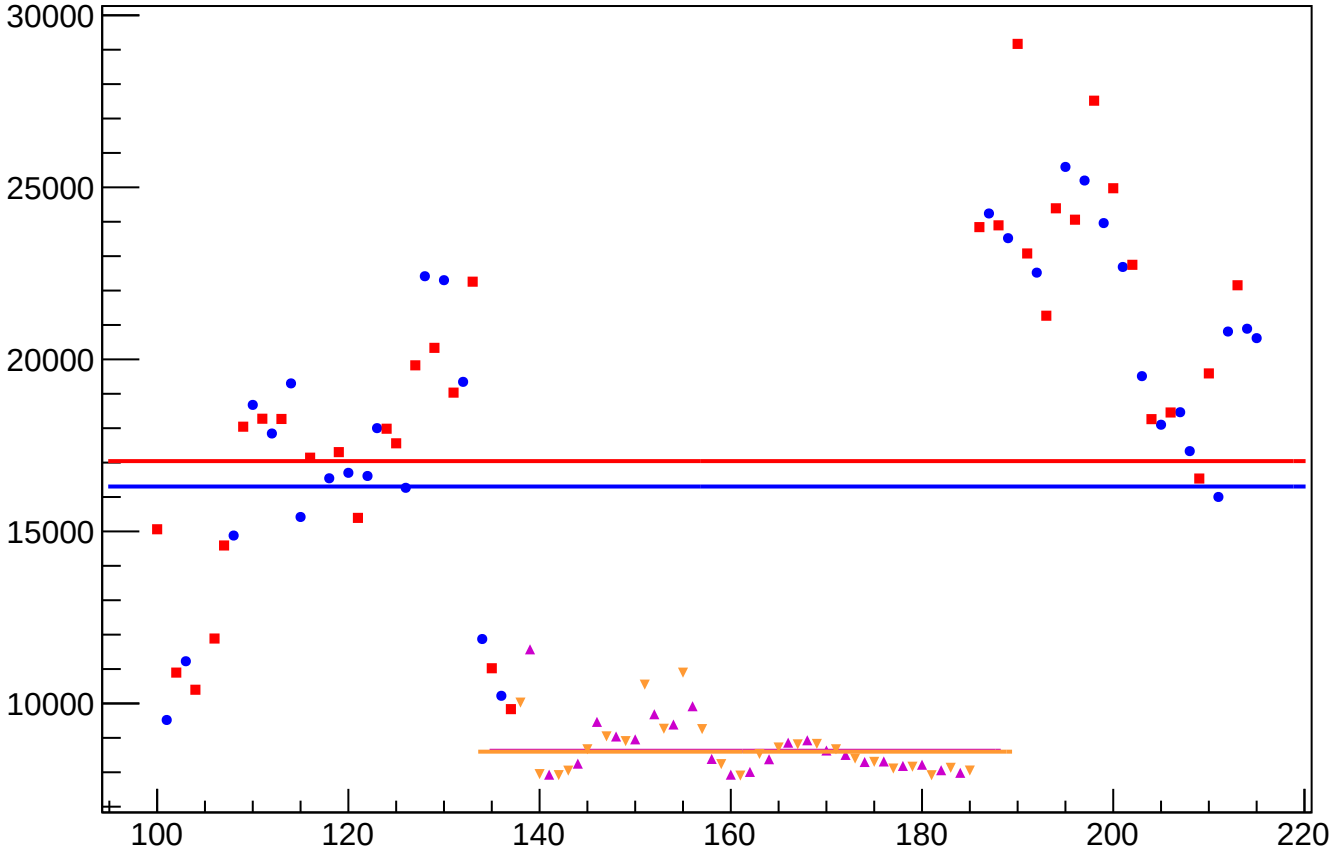
Left In: -0.072+/-2.073 χ^2/NDF:29.8/22

+ sign -10.767+/-1.807 χ^2/NDF: 103.5/56

All: -6.789+/-1.298 χ^2/NDF: 175.0/113

- sign -2.547+/-1.866 χ^2/NDF: 61.5/56

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: 17043.474+/-3.030 χ^2/NDF: 2766167.5/33

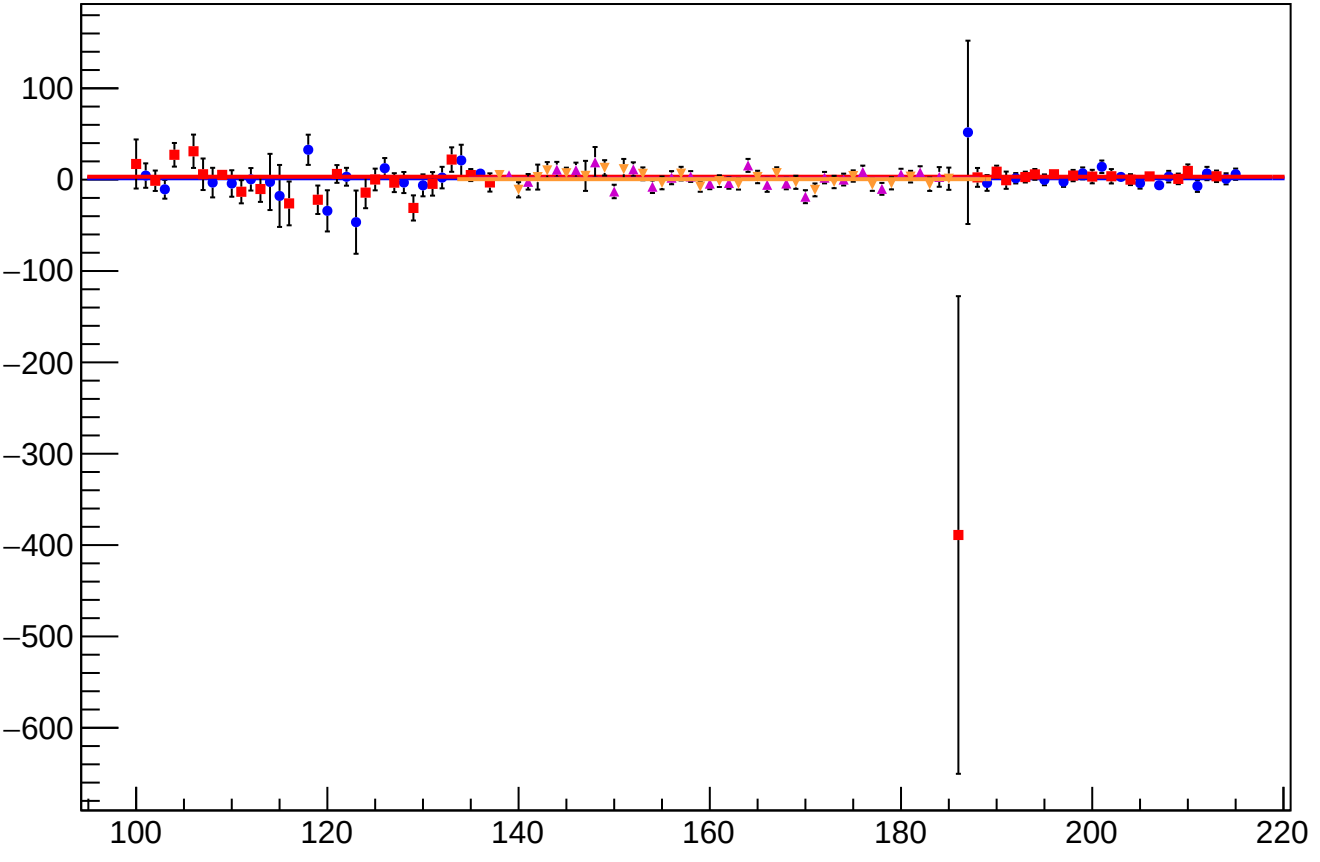
Left In: 8625.233+/-1.466 χ^2/NDF:237310.9/22

+ sign 10089.333+/-1.278 χ^2/NDF: 8832981.2/56

All: 10153.392+/-0.918 χ^2/NDF: 18098100.9

- sign 10221.710+/-1.319 χ^2/NDF: 9259924.3/56

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: 3.210+/-1.407 χ^2/NDF: 28.5/33

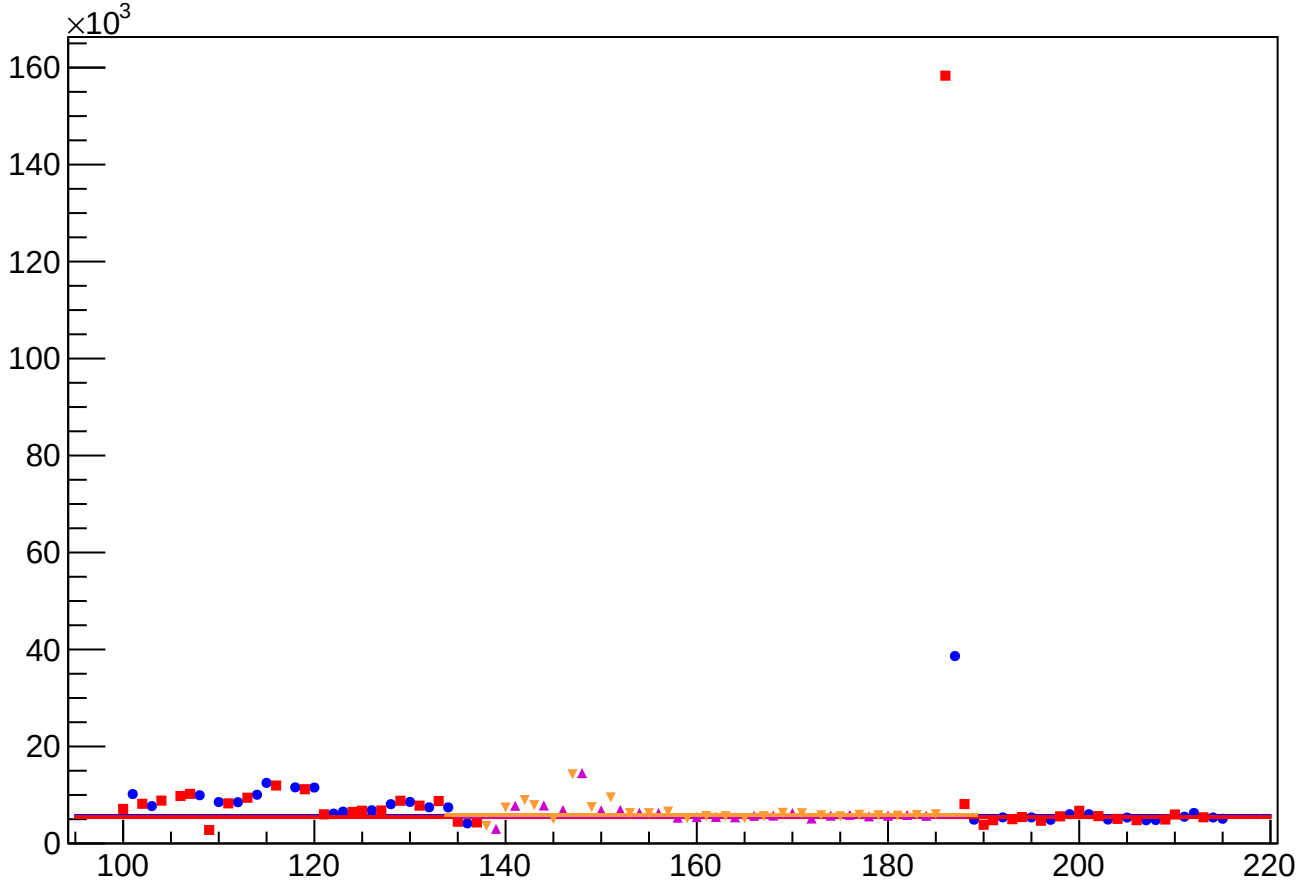
Left In: 1.050+/-1.396 χ^2/NDF:32.5/22

+ sign 1.018+/-1.002 χ^2/NDF: 44.9/56

All: 1.575+/-0.705 χ^2/NDF: 107.8/113

- sign 2.121+/-0.991 χ^2/NDF: 62.2/56

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

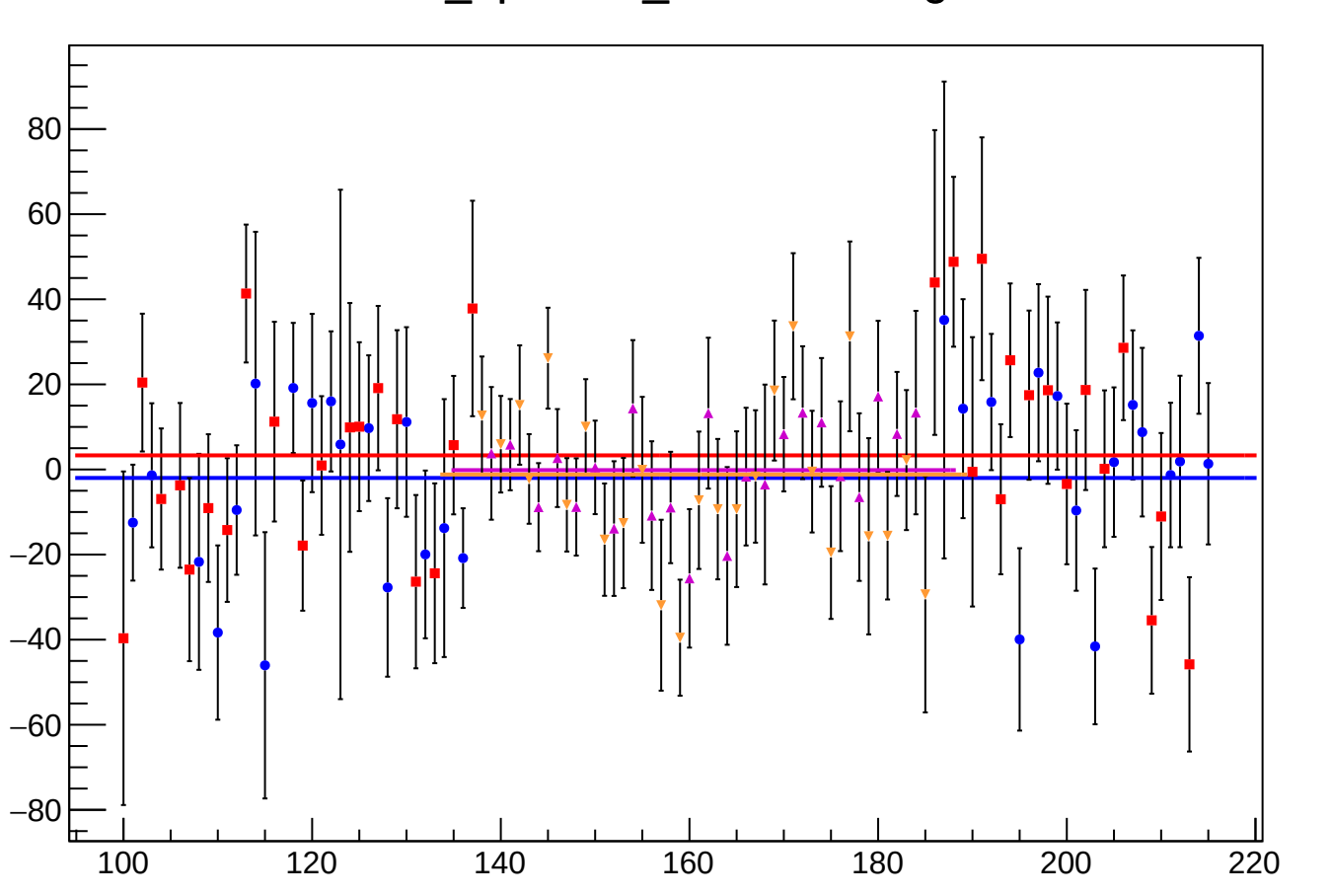
Right Out: 5445.005+/-0.995 χ^2/NDF: 3462052.7/33

Left In: 5571.330+/-0.987 χ^2/NDF:2162788.3/22

+ sign 5764.941+/-0.709 χ^2/NDF: 3843741.9/56

All: 5635.376+/-0.498 χ^2/NDF: 9542823.8/11

- sign 5508.696+/-0.701 χ^2/NDF: 5632966.2/56



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: 3.314+/-3.374 χ^2/NDF: 46.4/33

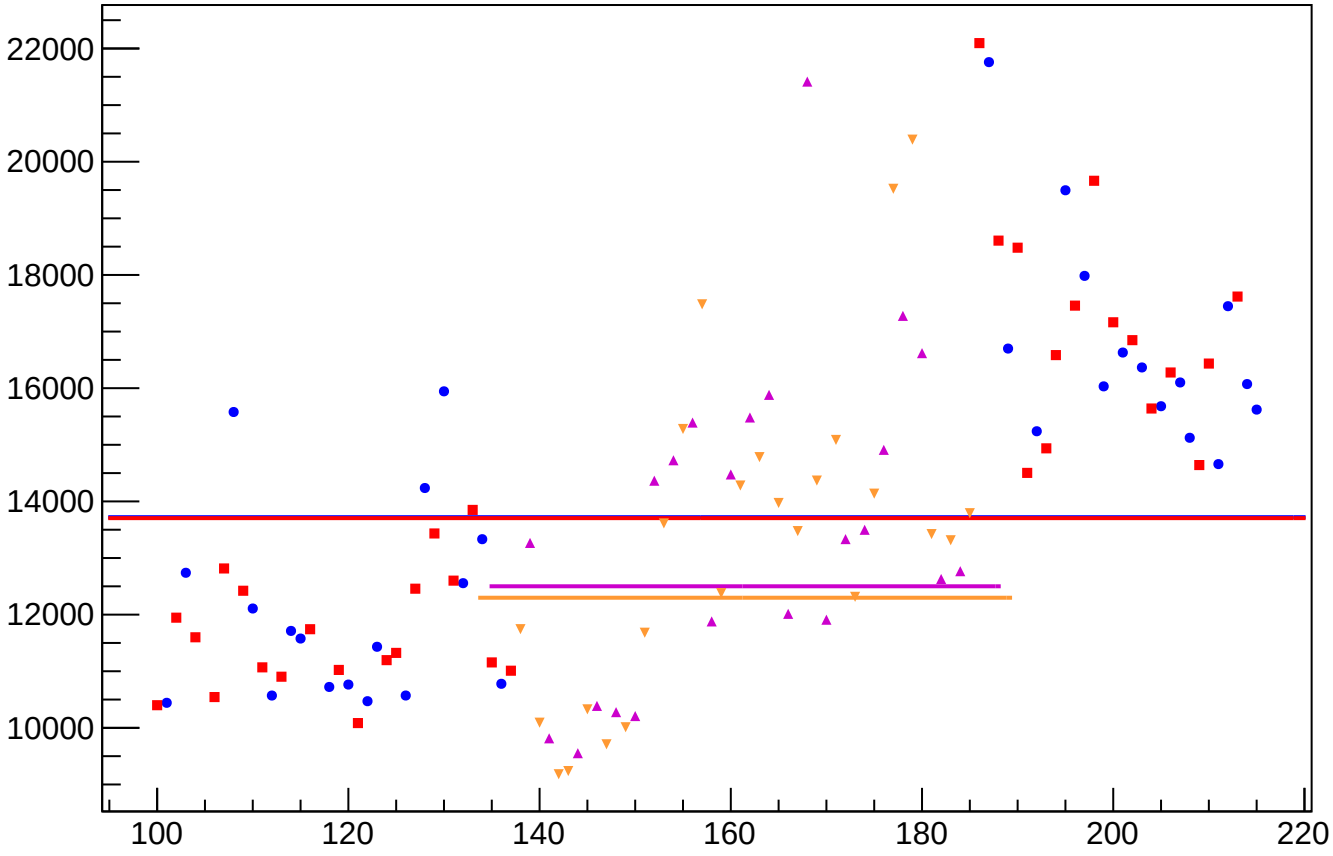
Left In: -0.157+/-3.058 χ^2/NDF:11.5/22

+ sign -1.533+/-2.214 χ^2/NDF: 67.8/56

All: -0.096+/-1.584 χ^2/NDF: 127.2/113

- sign 1.408+/-2.266 χ^2/NDF: 58.5/56

diff_bpm11X_rms vs Slug



Right In: 13721.387+/-2.381 χ^2/NDF: 1306426.6/31

Left Out: 12298.676+/-2.078 χ^2/NDF:1506026.8/24

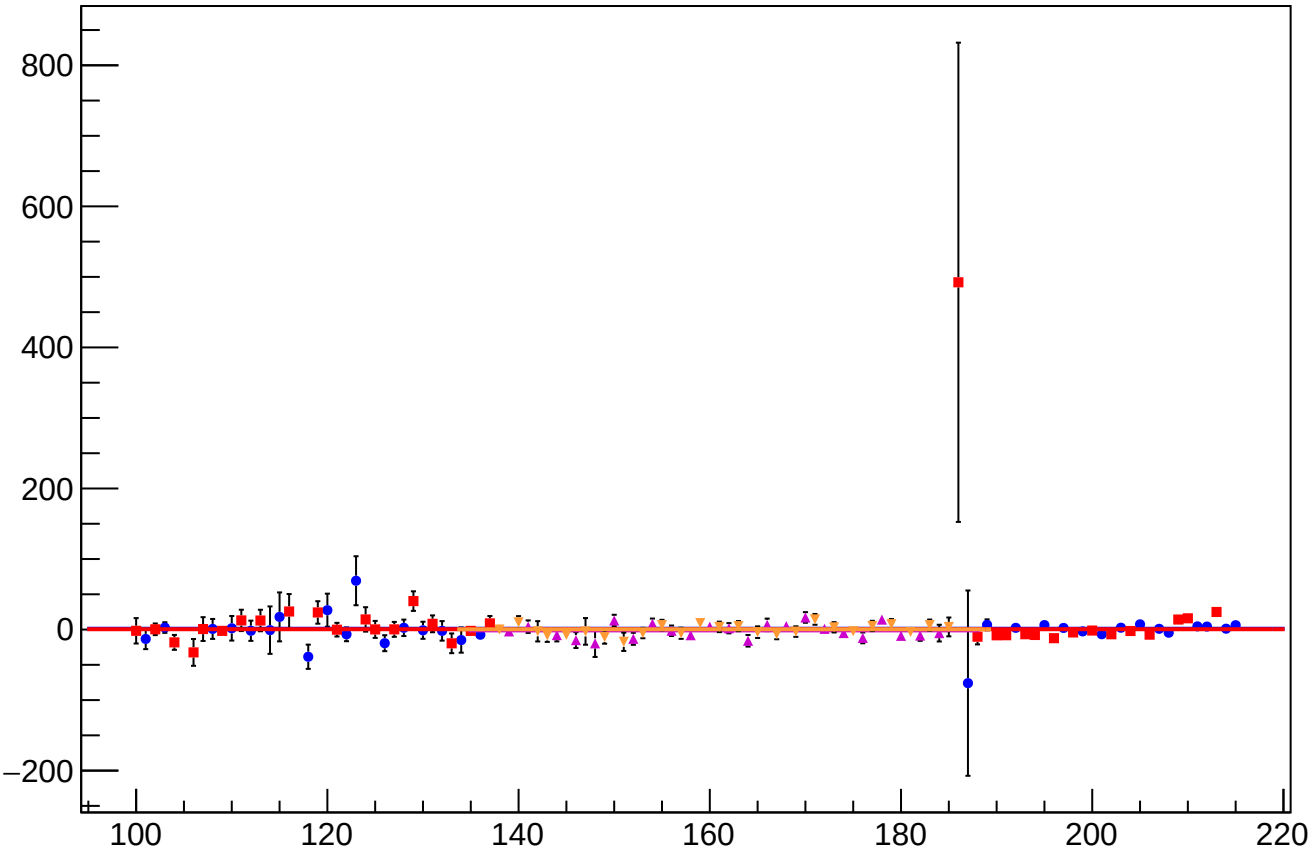
Right Out: 13704.527+/-2.386 χ^2/NDF: 1394644.3/33

Left In: 12500.795+/-2.162 χ^2/NDF:1357889.1/22

+ sign 12913.824+/-1.566 χ^2/NDF: 3015115.3/56

All: 12977.223+/-1.120 χ^2/NDF: 5910751.0/1

- sign 13043.621+/-1.602 χ^2/NDF: 2892278.6/56



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: 0.468+/-1.199 χ^2/NDF: 90.8/33

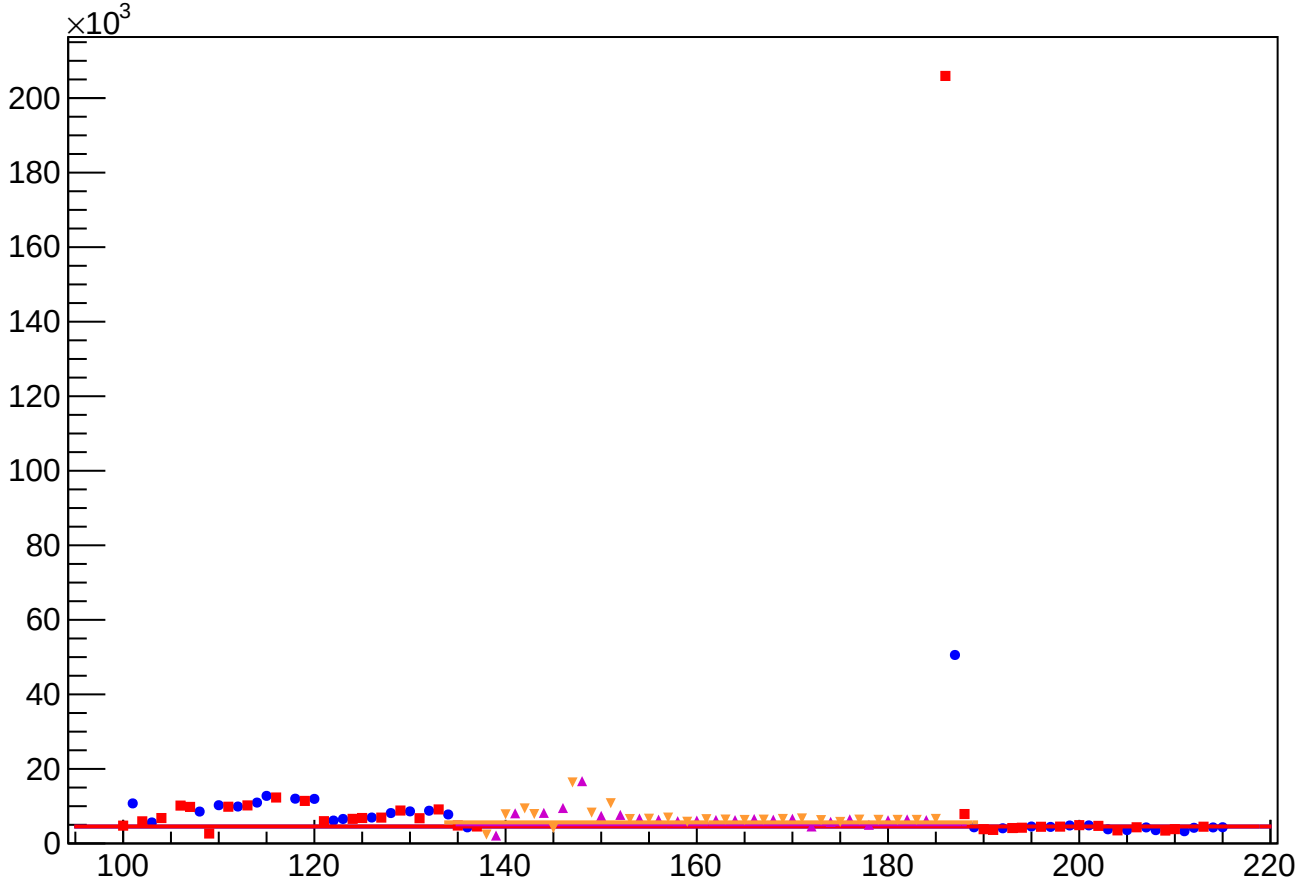
Left In: -1.165+/-1.371 χ^2/NDF:33.6/22

\+ sign 0.830+/-0.902 χ^2/NDF: 49.8/56

All: 0.296+/-0.638 χ^2/NDF: 175.6/113

\- sign -0.239+/-0.902 χ^2/NDF: 125.2/56

diff_bpm11Y_rms vs Slug



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: 4556.997+/-0.847 χ^2/NDF: 3959194.1/33

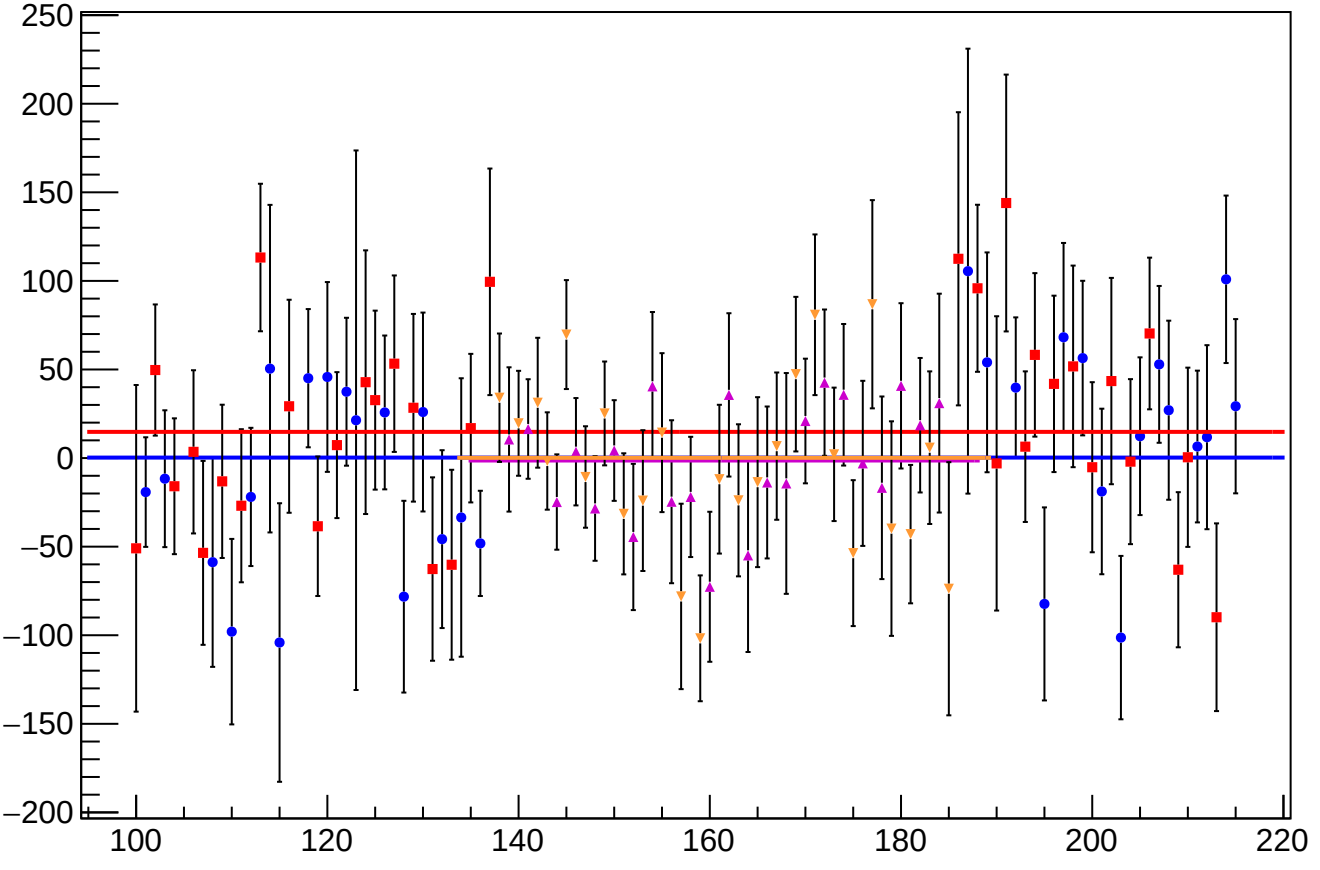
Left In: 5137.772+/-0.970 χ^2/NDF:5495609.7/22

+ sign 4981.479+/-0.638 χ^2/NDF: 8313583.1/56

All: 4895.038+/-0.451 χ^2/NDF: 18008523.1/1

- sign 4808.491+/-0.638 χ^2/NDF: 9658172.9/56

diff_bpm12X_mean vs Slug



Right In: 0.274+/-8.423 χ^2/NDF: 36.4/31

Left Out: 0.143+/-7.683 χ^2/NDF:31.3/24

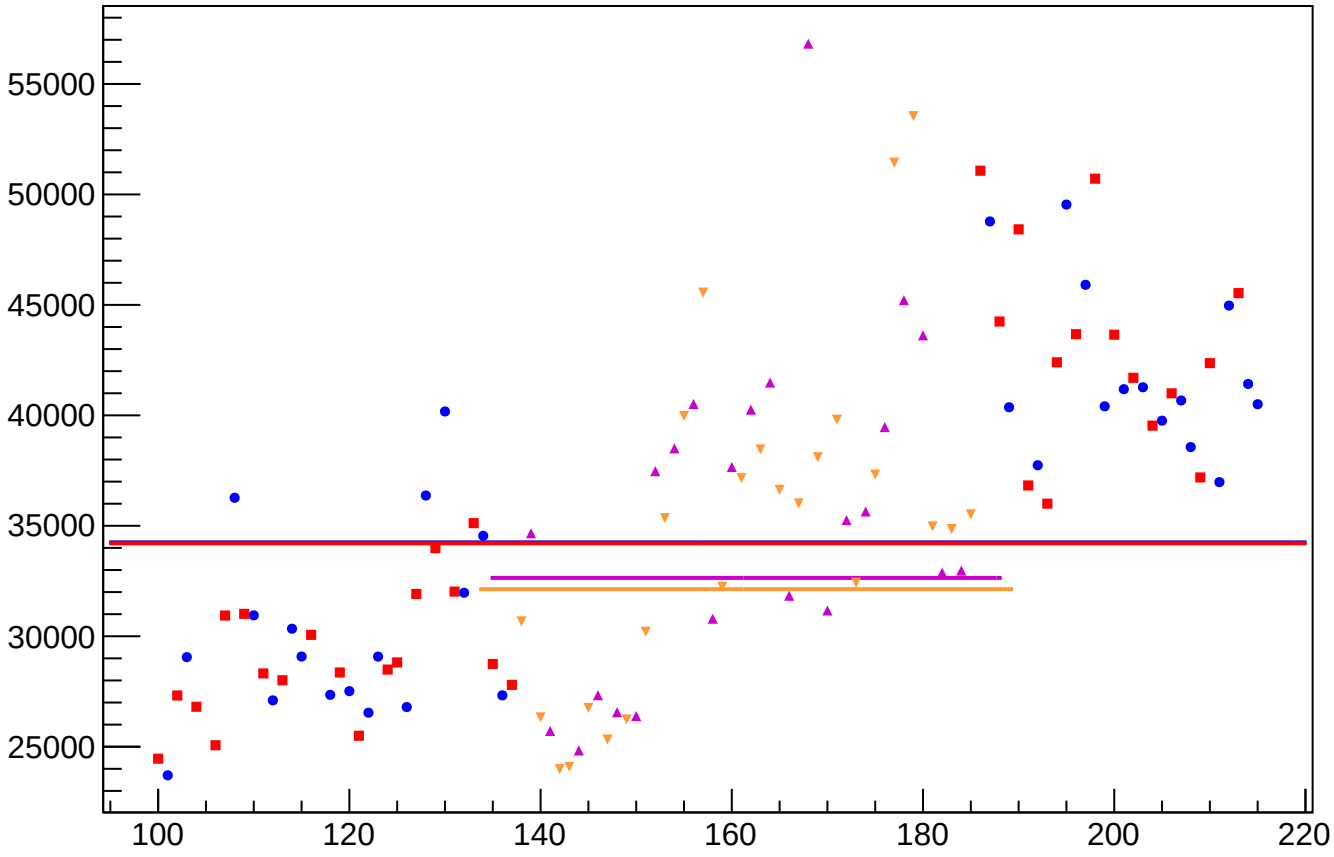
Right Out: 14.789+/-8.431 χ^2/NDF: 38.2/33

Left In: -1.374+/-7.990 χ^2/NDF:13.3/22

+ sign 0.202+/-5.677 χ^2/NDF: 67.6/56

All: 3.173+/-4.057 χ^2/NDF: 121.6/113

- sign 6.274+/-5.800 χ^2/NDF: 53.4/56



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: 34208.018+/-5.962 χ^2/NDF: 1467161.1/33

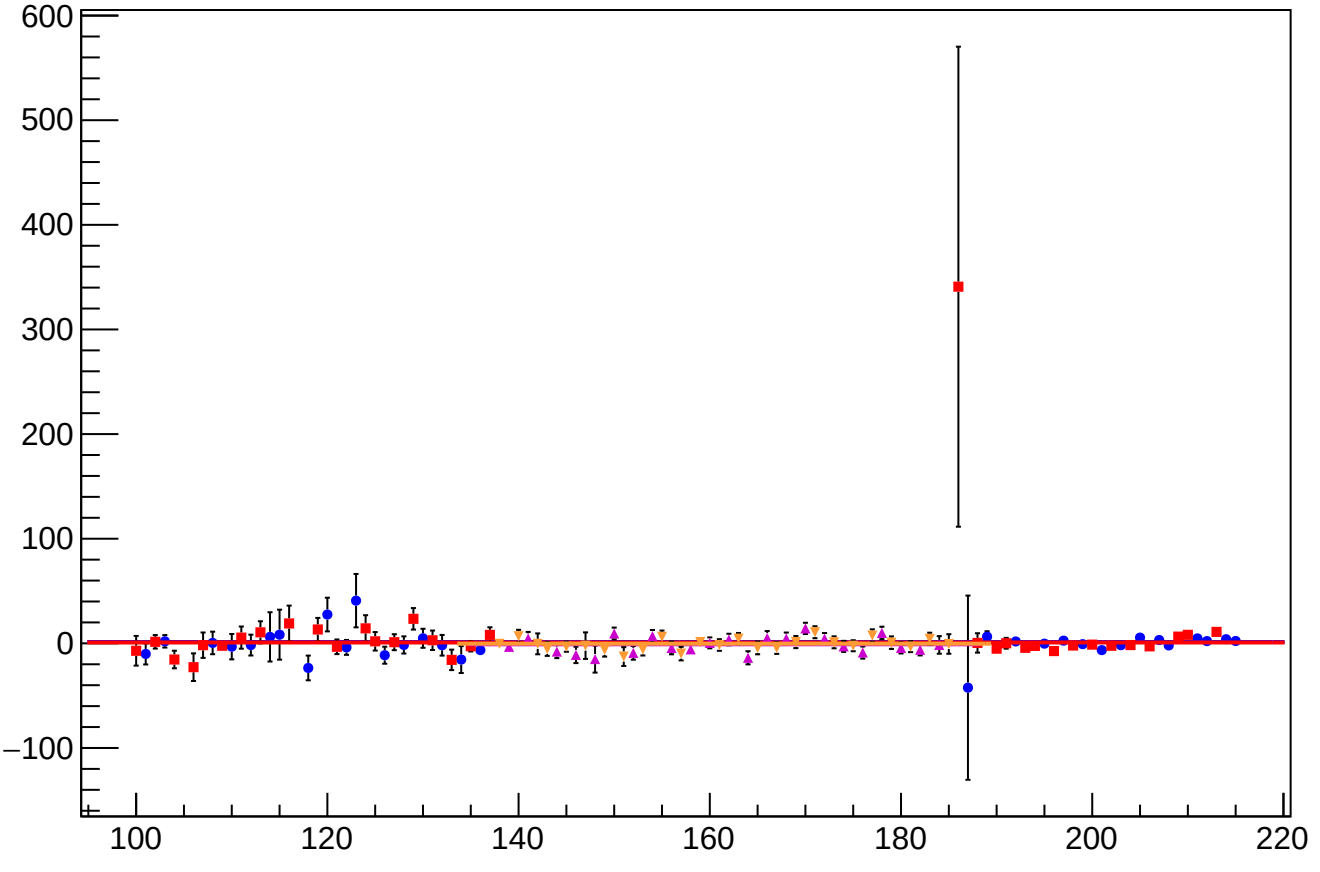
Left In: 32641.162+/-5.650 χ^2/NDF:1402162.4/22

+ sign 33094.115+/-4.014 χ^2/NDF: 3033913.0/56

All: 33235.226+/-2.869 χ^2/NDF: 5942151.1/1

- sign 33382.526+/-4.101 χ^2/NDF: 2905712.2/56

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: 0.834+/-0.745 χ^2/NDF: 73.4/33

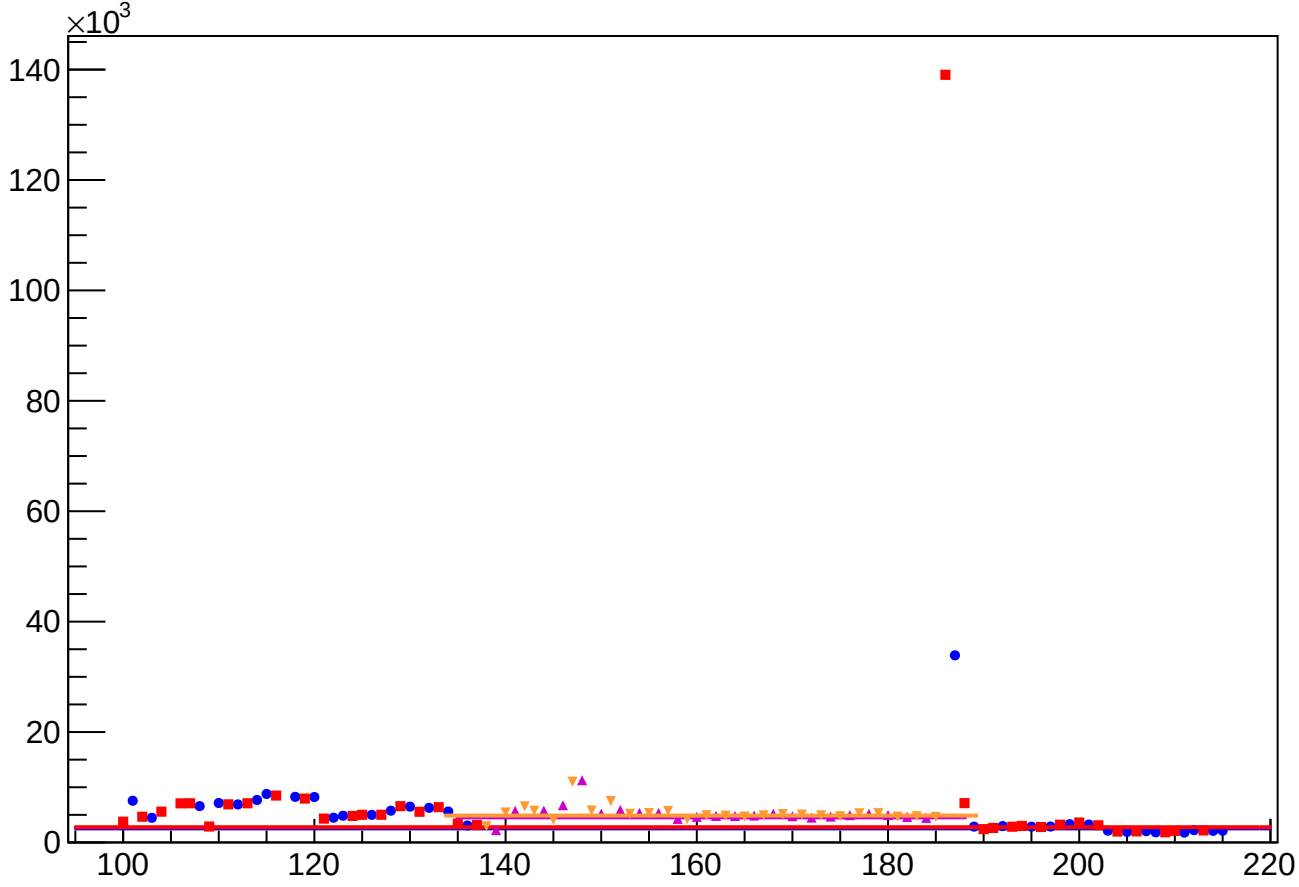
Left In: -0.908+/-1.142 χ^2/NDF:36.2/22

+ sign 0.874+/-0.584 χ^2/NDF: 59.3/56

All: 0.613+/-0.427 χ^2/NDF: 170.9/113

- sign 0.314+/-0.624 χ^2/NDF: 111.2/56

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

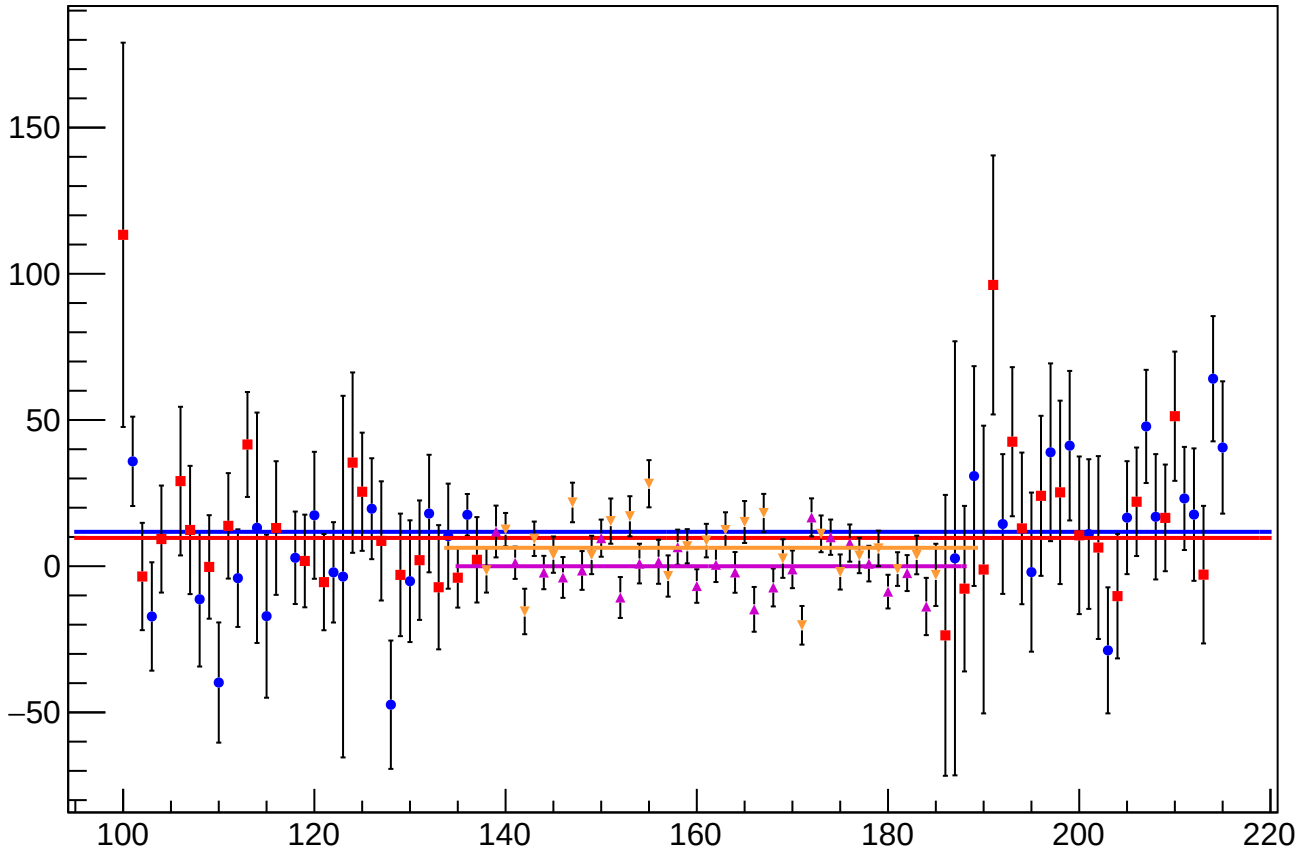
Right Out: 2759.747+/-0.527 χ^2/NDF: 5830305.5/33

Left In: 4544.337+/-0.808 χ^2/NDF:2634314.4/22

+ sign 3125.404+/-0.413 χ^2/NDF: 12908657.7/56

All: 3203.394+/-0.302 χ^2/NDF: 24874920.0/1

- sign 3292.292+/-0.441 χ^2/NDF: 11890044.3/56



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: 9.664+/-3.577 χ^2/NDF: 25.0/33

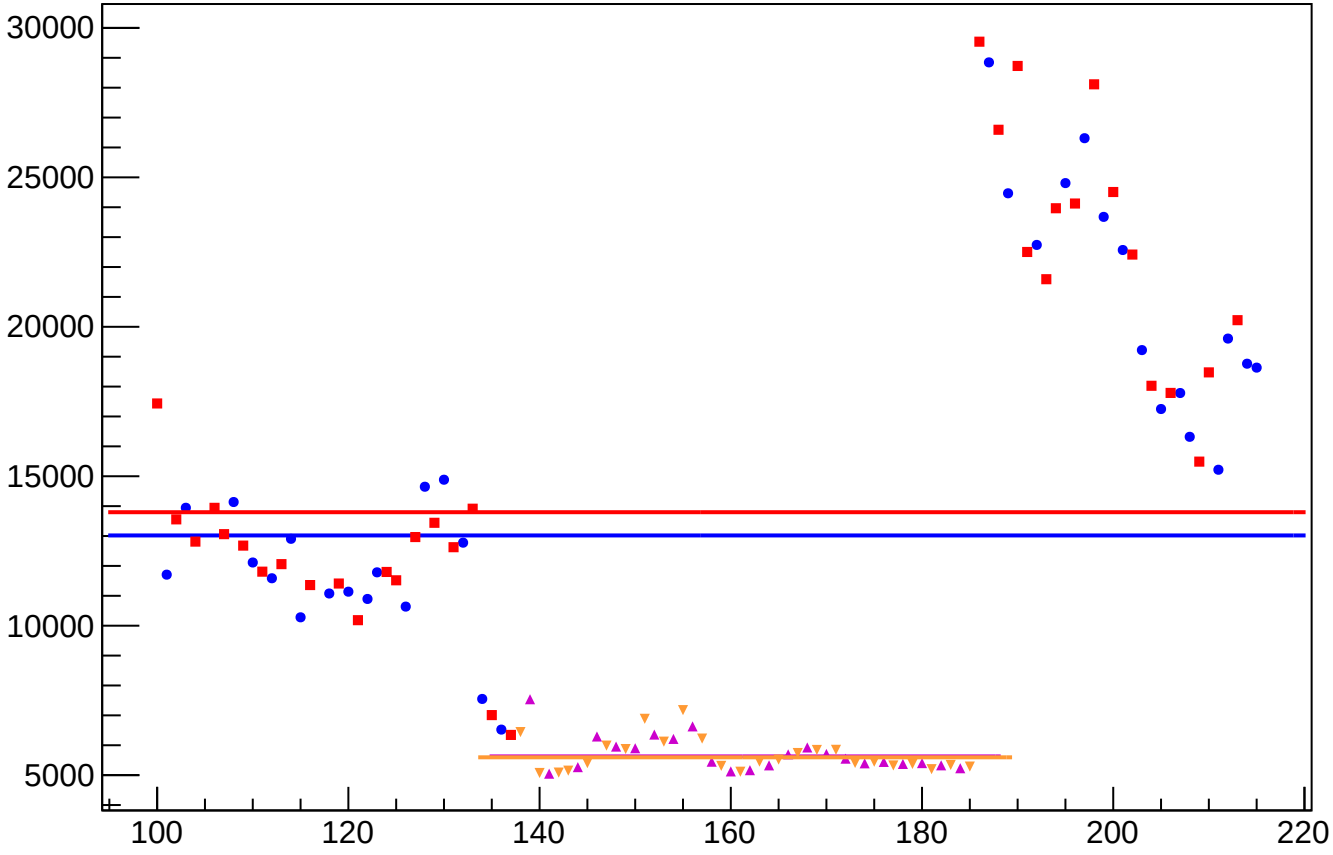
Left In: -0.020+/-1.353 χ^2/NDF:29.9/22

+ sign 7.004+/-1.222 χ^2/NDF: 100.8/56

All: 4.200+/-0.879 χ^2/NDF: 173.1/113

- sign 1.192+/-1.266 χ^2/NDF: 61.3/56

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: 13796.946+/-2.529 χ^2/NDF: 4653071.5/33

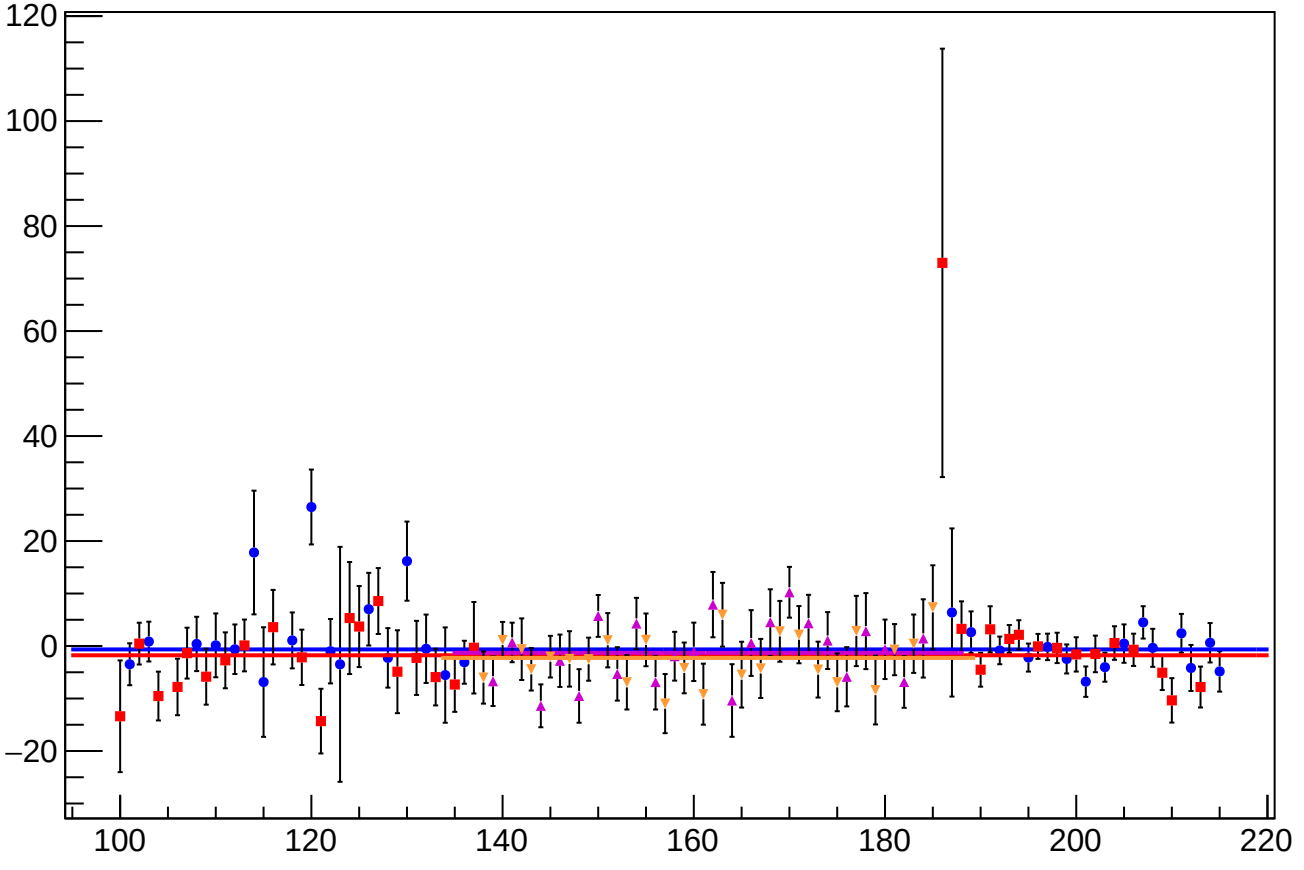
Left In: 5627.283+/-0.957 χ^2/NDF:279318.7/22

+ sign 6560.293+/-0.864 χ^2/NDF: 13566873.7/56

All: 6603.670+/-0.622 χ^2/NDF: 27633373.6/1

- sign 6650.181+/-0.895 χ^2/NDF: 14061279.1/56

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: -1.764+/-0.724 χ^2/NDF: 35.2/33

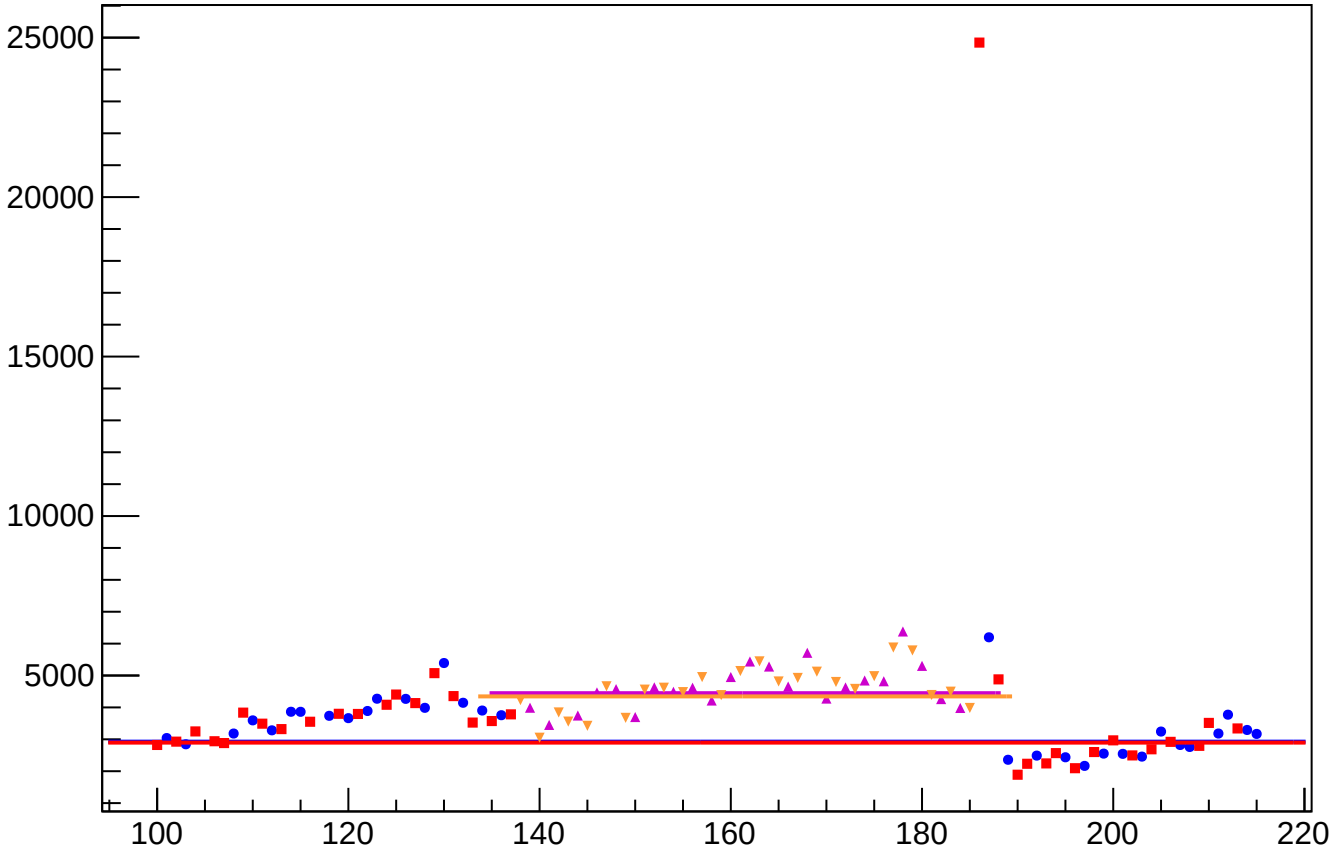
Left In: -1.305+/-1.077 χ^2/NDF:30.8/22

+ sign -1.183+/-0.591 χ^2/NDF: 55.3/56

All: -1.398+/-0.422 χ^2/NDF: 121.6/113

- sign -1.621+/-0.601 χ^2/NDF: 66.1/56

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: 2896.594+/-0.512 χ^2/NDF: 2338418.2/33

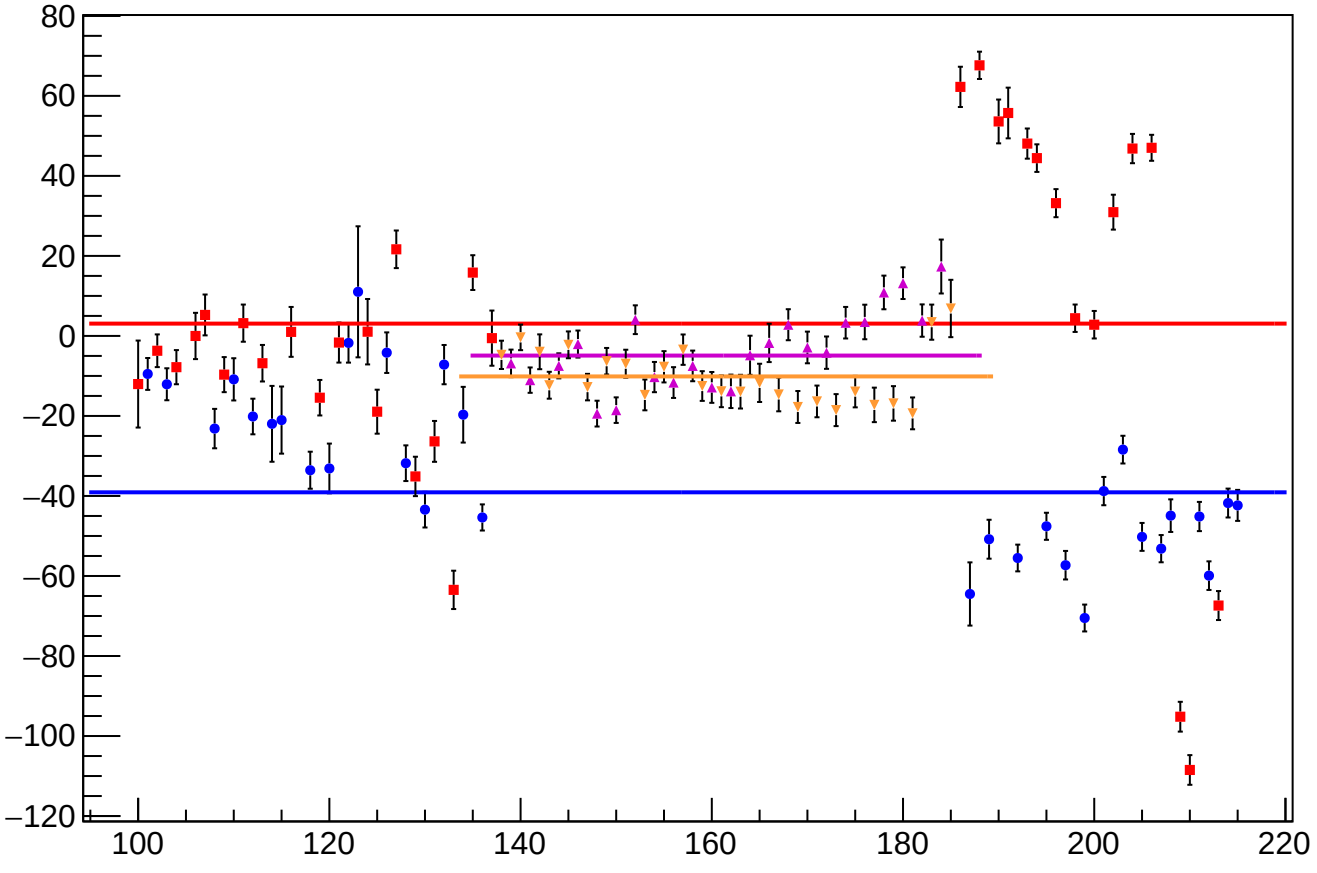
Left In: 4446.181+/-0.762 χ^2/NDF:702797.6/22

+ sign 3394.917+/-0.418 χ^2/NDF: 4965117.4/56

All: 3387.136+/-0.298 χ^2/NDF: 10857848.0/1

- sign 3379.101+/-0.425 χ^2/NDF: 5892026.9/56

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: 3.076+/-0.750 χ^2/NDF: 3726.1/33

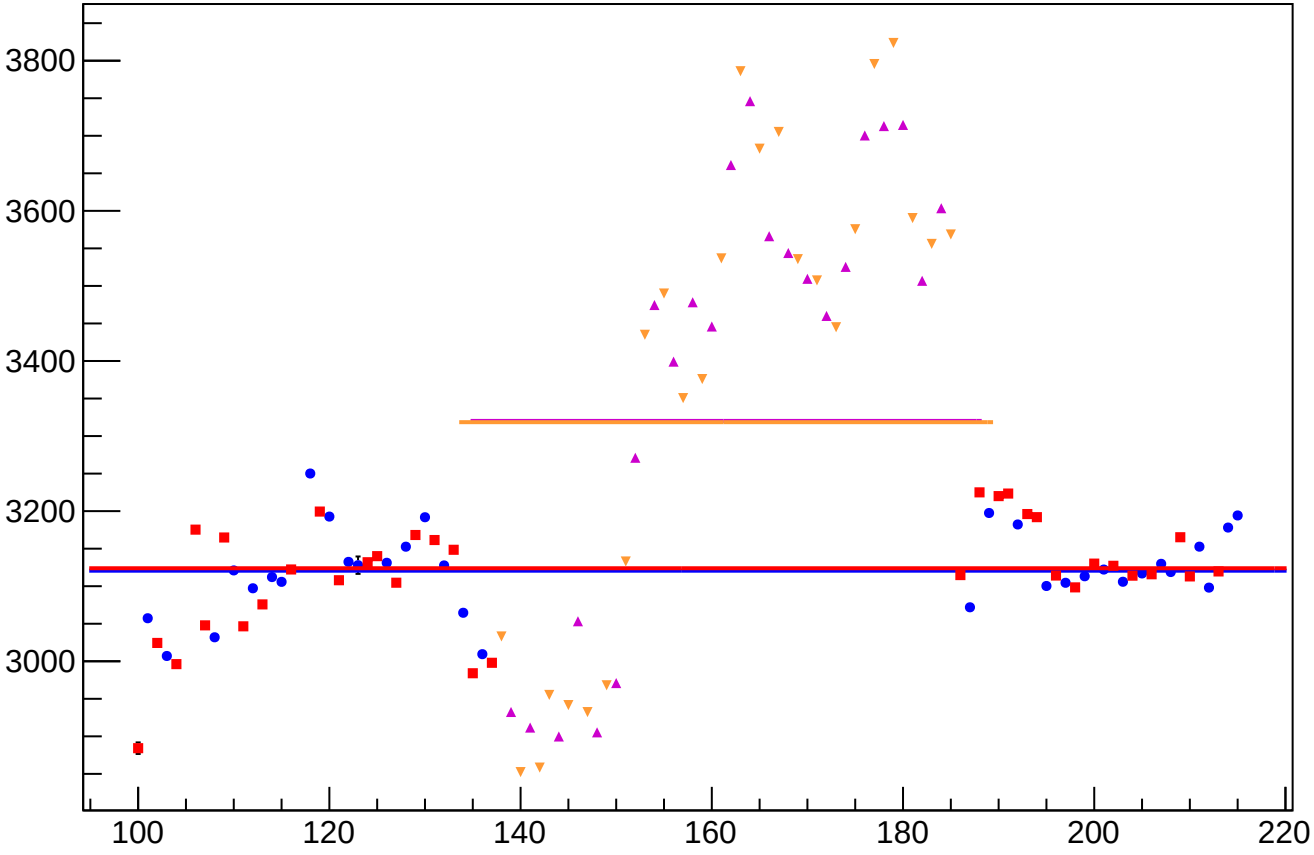
Left In: -4.911+/-0.797 χ^2/NDF:127.9/22

+ sign -25.110+/-0.539 χ^2/NDF: 1366.6/56

All: -13.064+/-0.384 χ^2/NDF: 6288.0/113

- sign -0.676+/-0.546 χ^2/NDF: 3907.3/56

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: 3123.909+/-0.531 χ^2/NDF: 14021.5/33

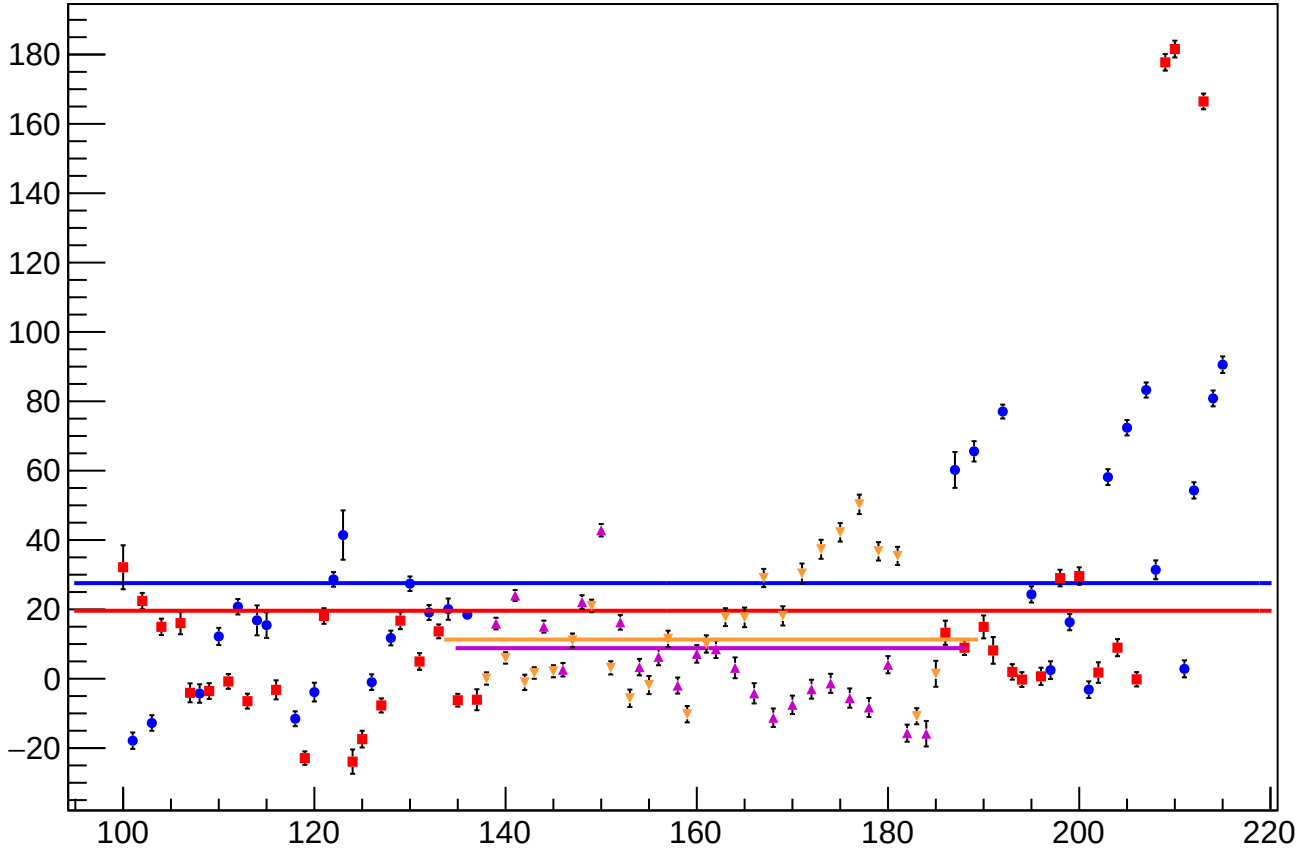
Left In: 3320.170+/-0.564 χ^2/NDF:287634.9/22

+ sign 3216.153+/-0.381 χ^2/NDF: 415686.5/56

All: 3216.127+/-0.271 χ^2/NDF: 781631.0/113

- sign 3216.101+/-0.386 χ^2/NDF: 365944.5/56

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: 19.602+/-0.417 χ^2/NDF: 15366.7/33

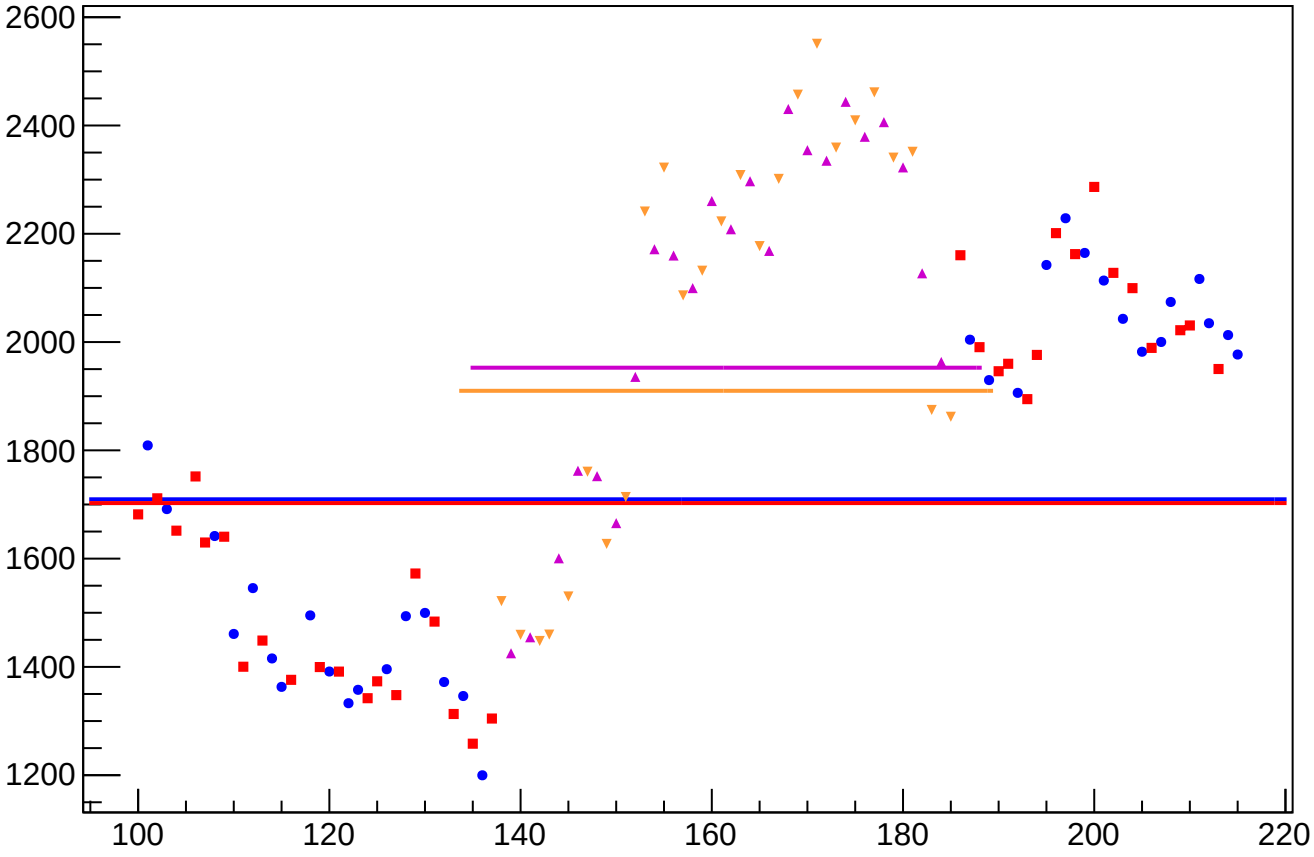
Left In: 8.815+/-0.475 χ^2/NDF:942.2/22

\+ sign 20.091+/-0.308 χ^2/NDF: 7301.7/56

All: 17.550+/-0.220 χ^2/NDF: 24040.6/113

\- sign 14.915+/-0.313 χ^2/NDF: 16600.0/56

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: 1702.580+/-0.295 χ^2/NDF: 1183022.7/33

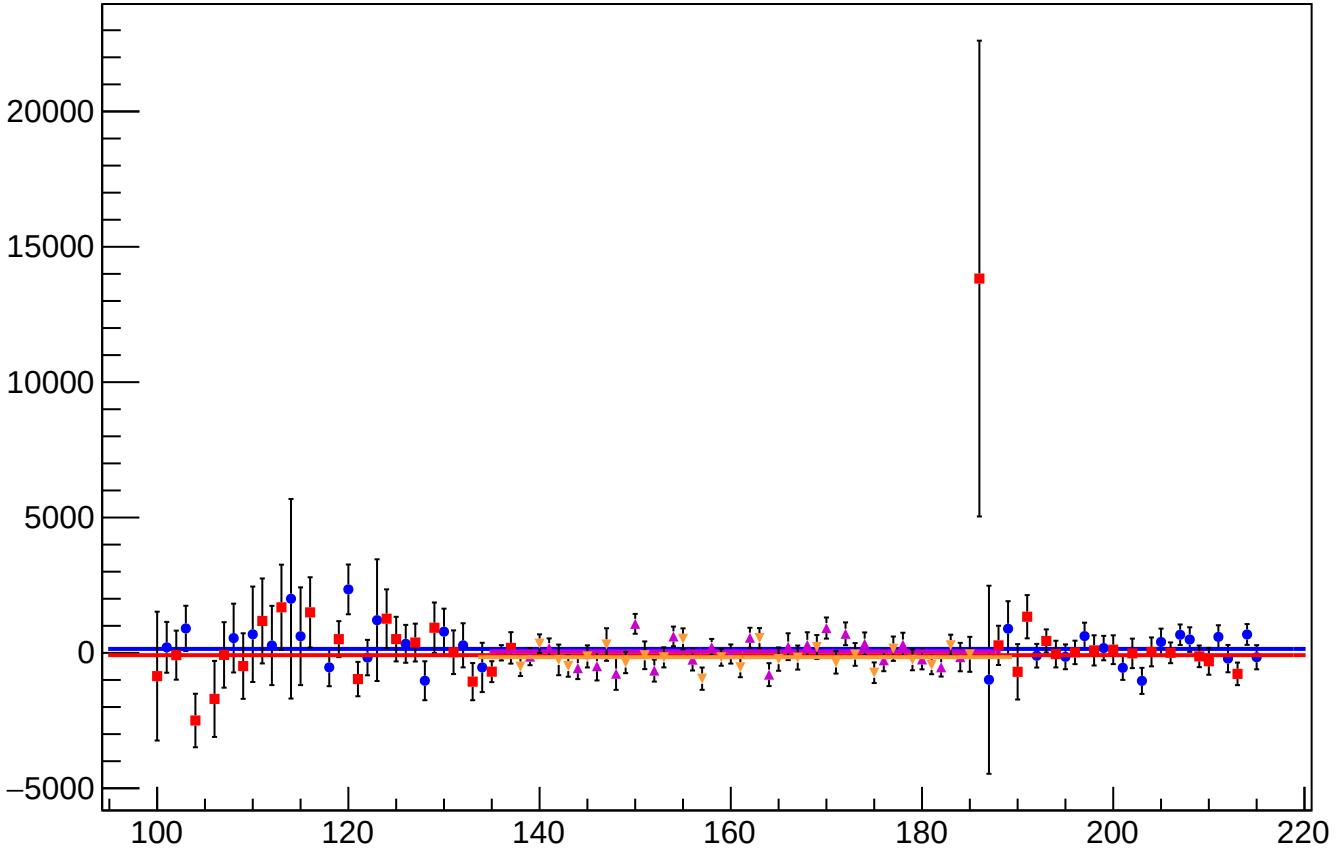
Left In: 1952.637+/-0.336 χ^2/NDF:1065333.8/22

+ sign 1801.685+/-0.218 χ^2/NDF: 2868053.6/56

All: 1806.373+/-0.155 χ^2/NDF: 5430301.4/11

- sign 1811.234+/-0.222 χ^2/NDF: 2561302.3/56

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: -83.515+/-108.401 χ^2/NDF: 33.2/33

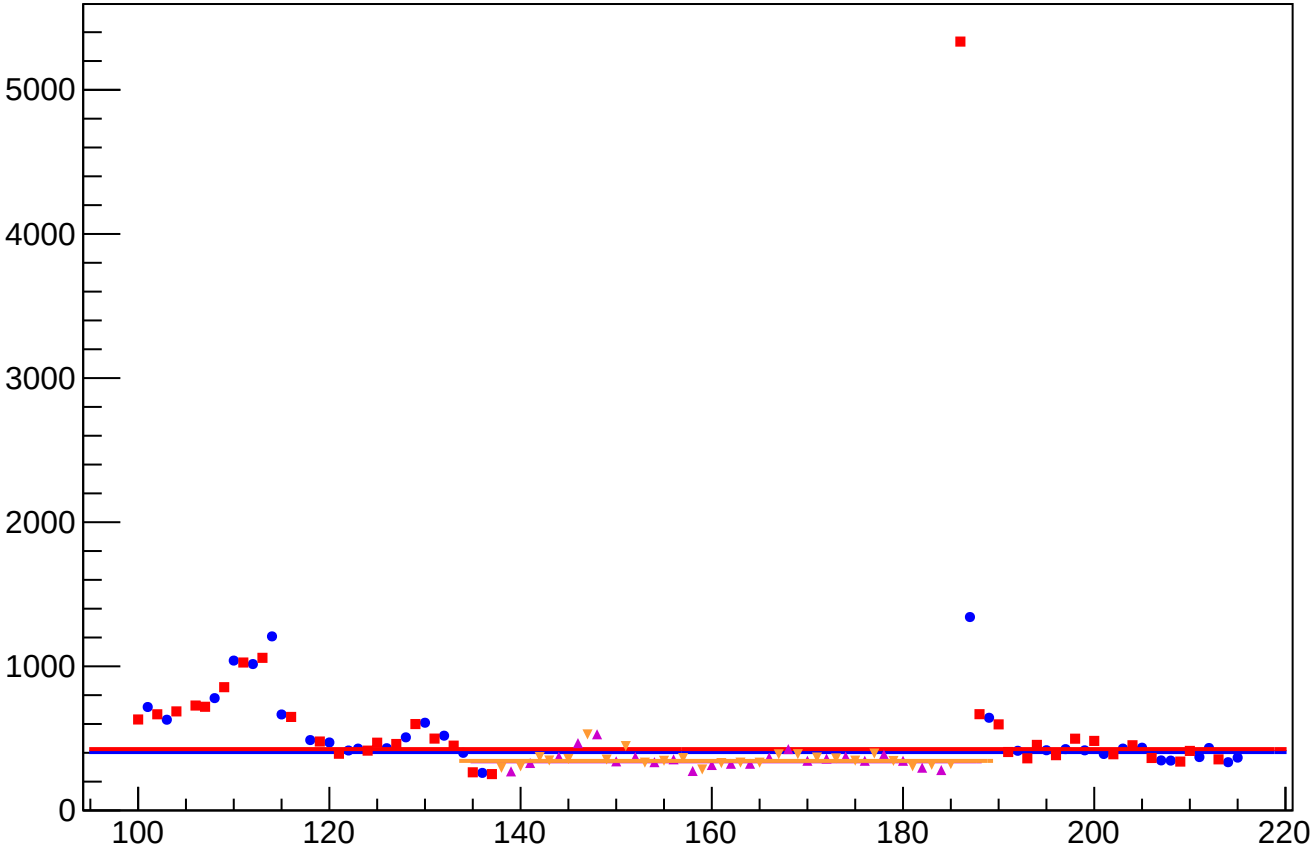
Left In: 58.934+/-82.584 χ^2/NDF:38.5/22

+ sign -39.152+/-63.212 χ^2/NDF: 57.7/56

All: -17.147+/-45.549 χ^2/NDF: 130.8/113

- sign 6.619+/-65.692 χ^2/NDF: 72.9/56

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: 425.756+/-0.077 χ^2/NDF: 3329424.1/33

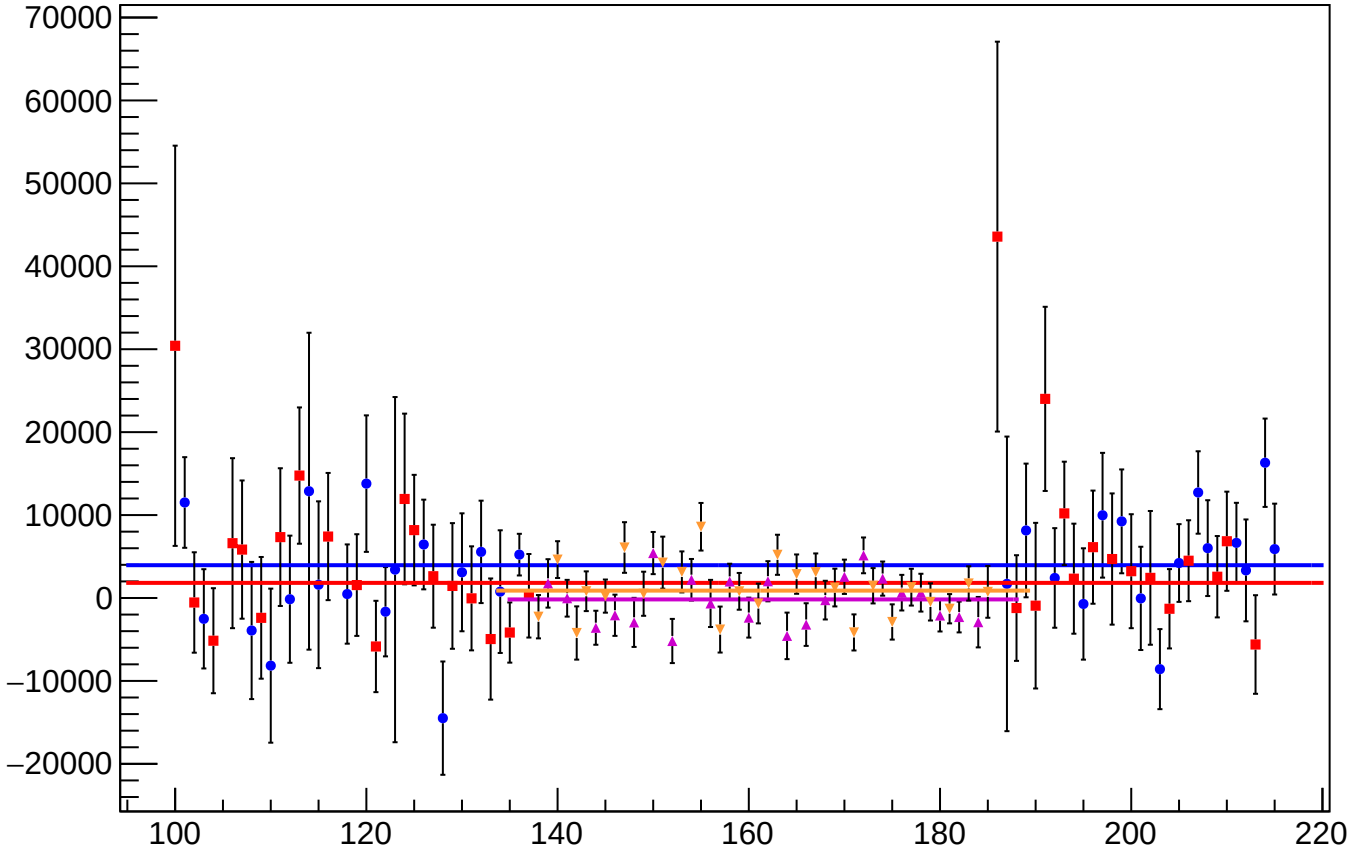
Left In: 340.876+/-0.058 χ^2/NDF:724672.0/22

+ sign 367.575+/-0.045 χ^2/NDF: 3484392.1/56

All: 369.726+/-0.032 χ^2/NDF: 8319213.4/113

- sign 372.049+/-0.046 χ^2/NDF: 4830004.6/56

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: 1823.345+/-1126.801 χ^2/NDF: 27.5/33

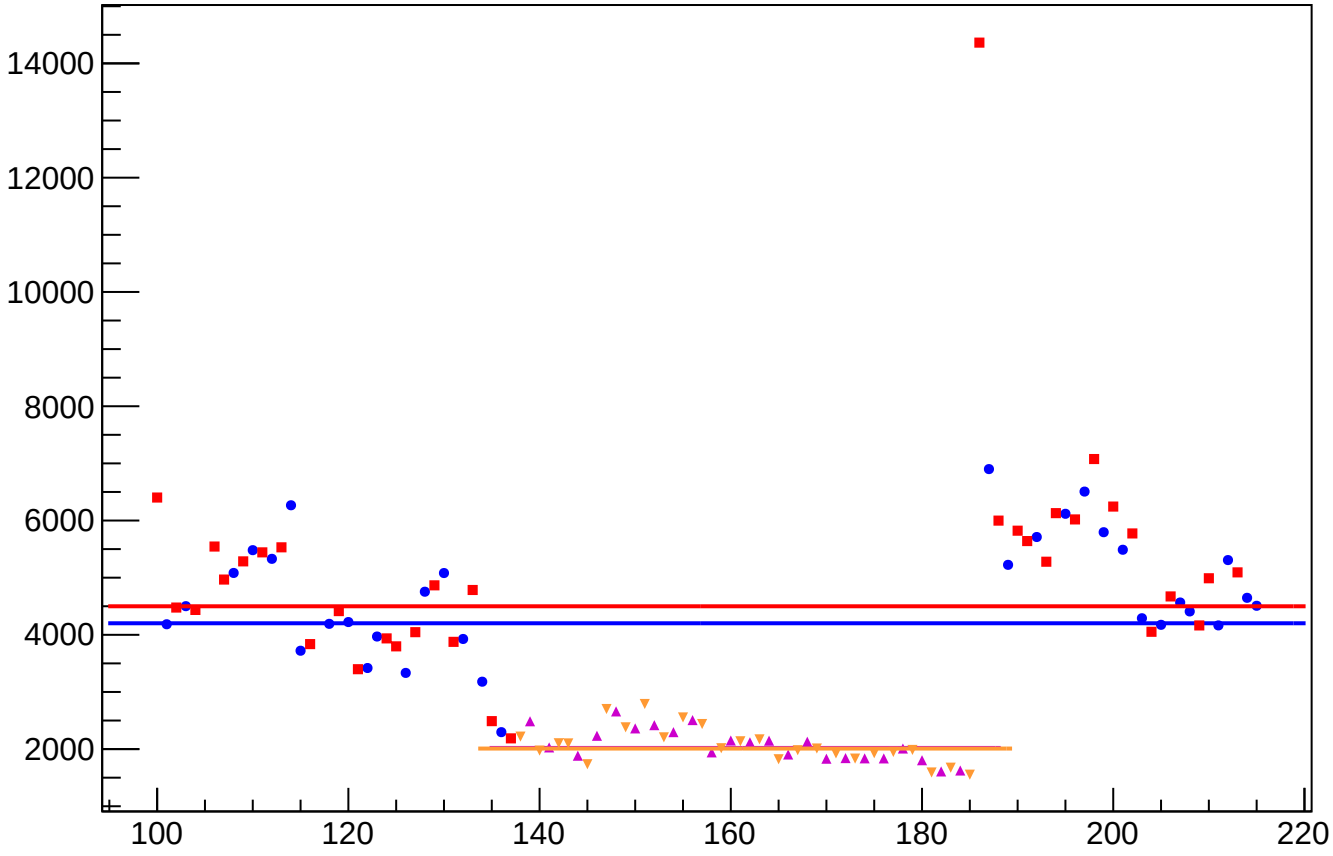
Left In: -172.391+/-488.067 χ^2/NDF:33.2/22

+ sign 1408.929+/-431.366 χ^2/NDF: 80.6/56

All: 799.650+/-310.689 χ^2/NDF: 148.0/113

- sign 142.887+/-447.860 χ^2/NDF: 63.3/56

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: 4499.391+/-0.797 χ^2/NDF: 2539836.0/33

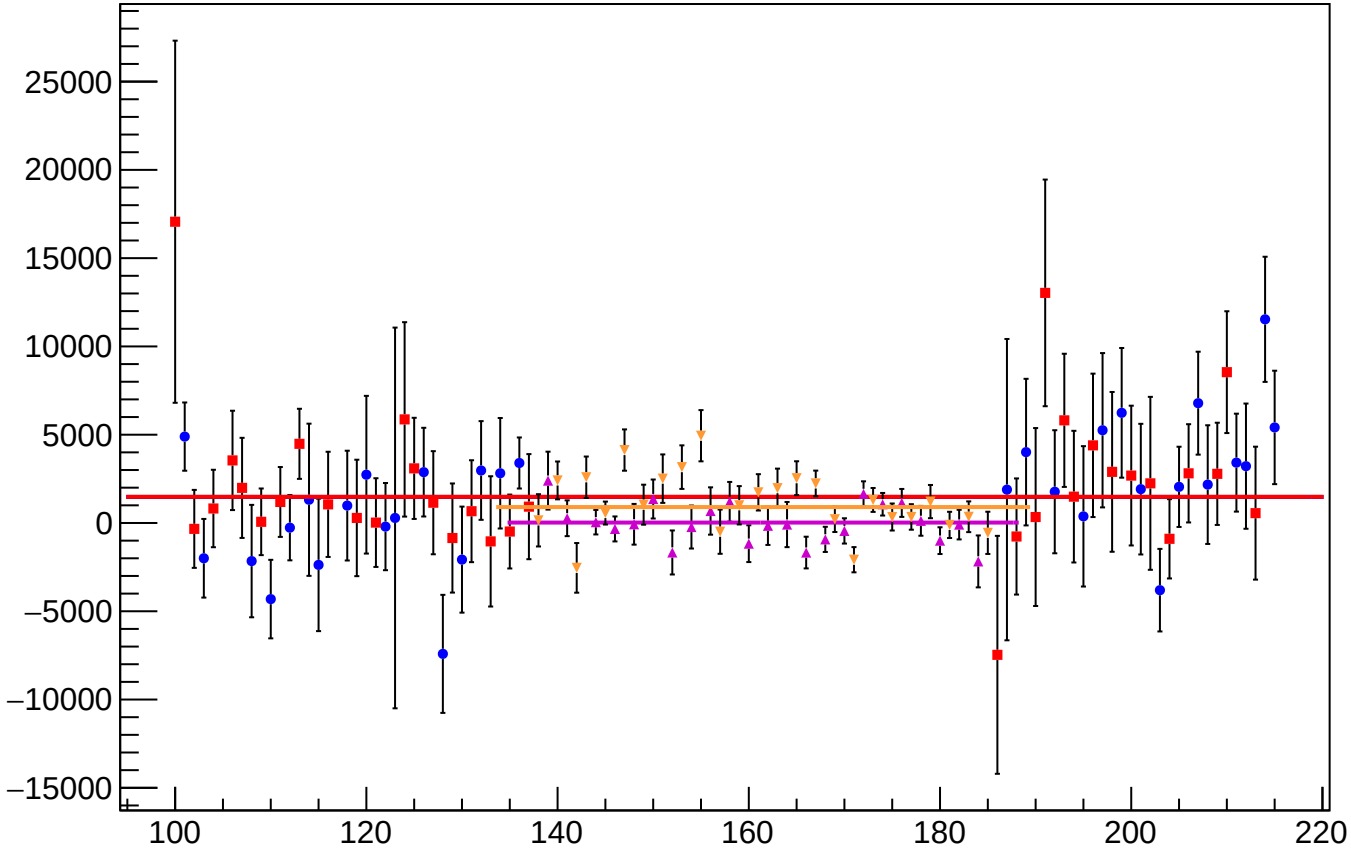
Left In: 2020.365+/-0.345 χ^2/NDF:573483.0/22

+ sign 2380.644+/-0.305 χ^2/NDF: 10310535.9/56

All: 2395.730+/-0.220 χ^2/NDF: 21580154.9/1

- sign 2411.991+/-0.317 χ^2/NDF: 11264536.4/56

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: 1481.680+/-508.026 χ^2/NDF: 23.4/33

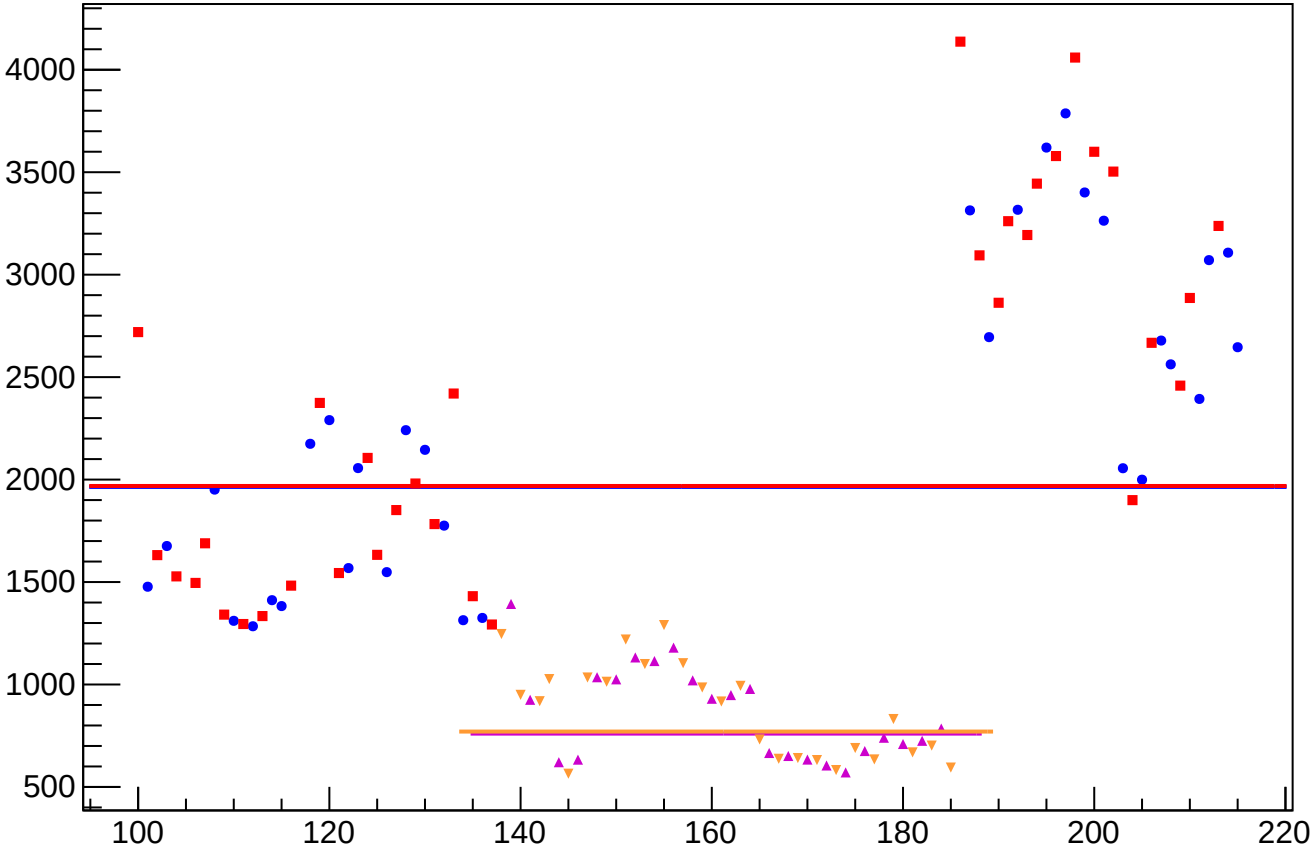
Left In: 23.529+/-188.137 χ^2/NDF:28.2/22

+ sign 971.197+/-174.294 χ^2/NDF: 113.6/56

All: 589.986+/-123.992 χ^2/NDF: 182.1/113

- sign 199.388+/-176.427 χ^2/NDF: 58.8/56

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: 1968.810+/-0.359 χ^2/NDF: 4258721.5/33

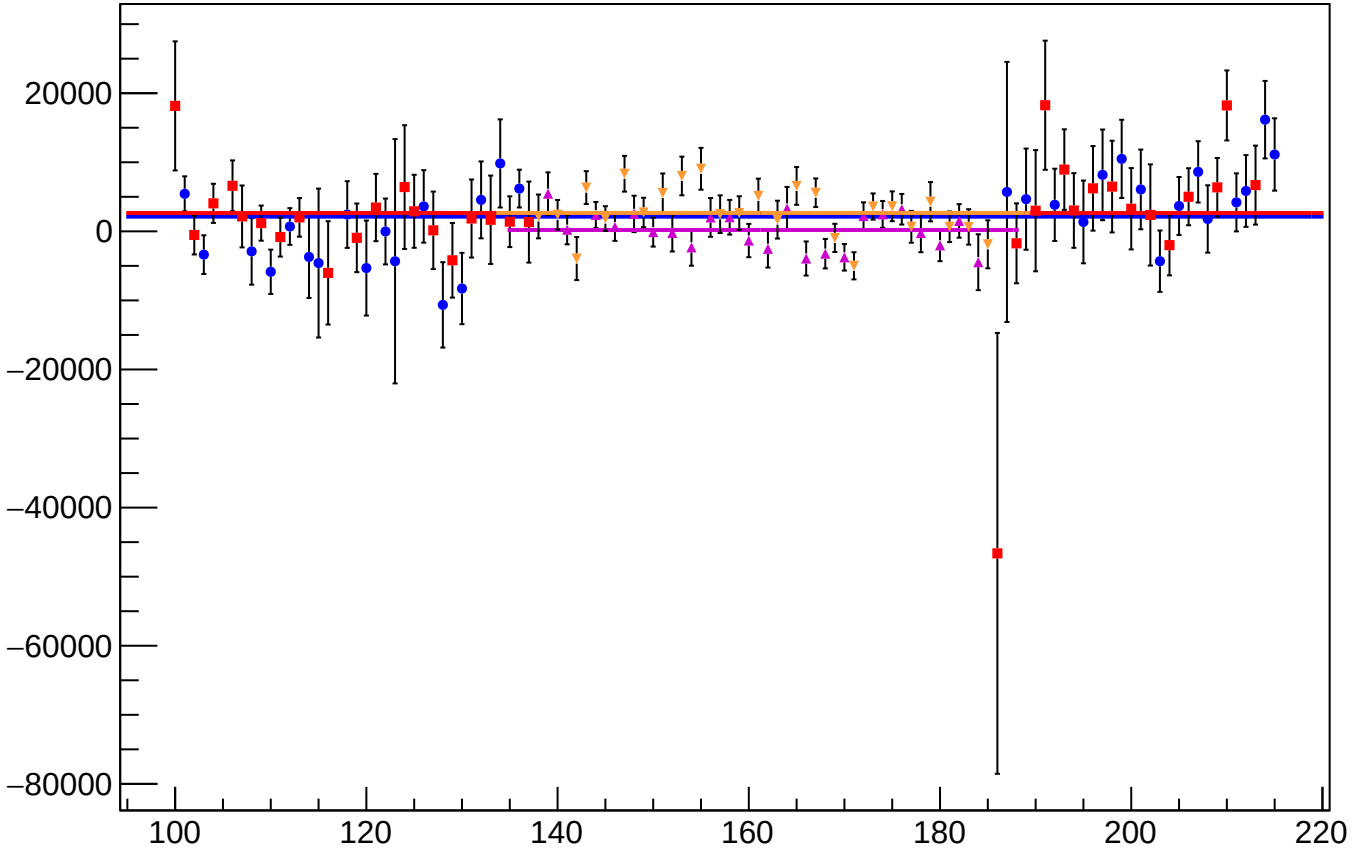
Left In: 760.352+/-0.133 χ^2/NDF:1986749.8/22

+ sign 914.182+/-0.123 χ^2/NDF: 15940431.6/56

All: 910.188+/-0.088 χ^2/NDF: 32139931.6/11

- sign 906.096+/-0.125 χ^2/NDF: 16197373.8/56

asym_sam4_mean vs Slug



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: 2652.399+/-786.139 χ^2/NDF: 31.2/33

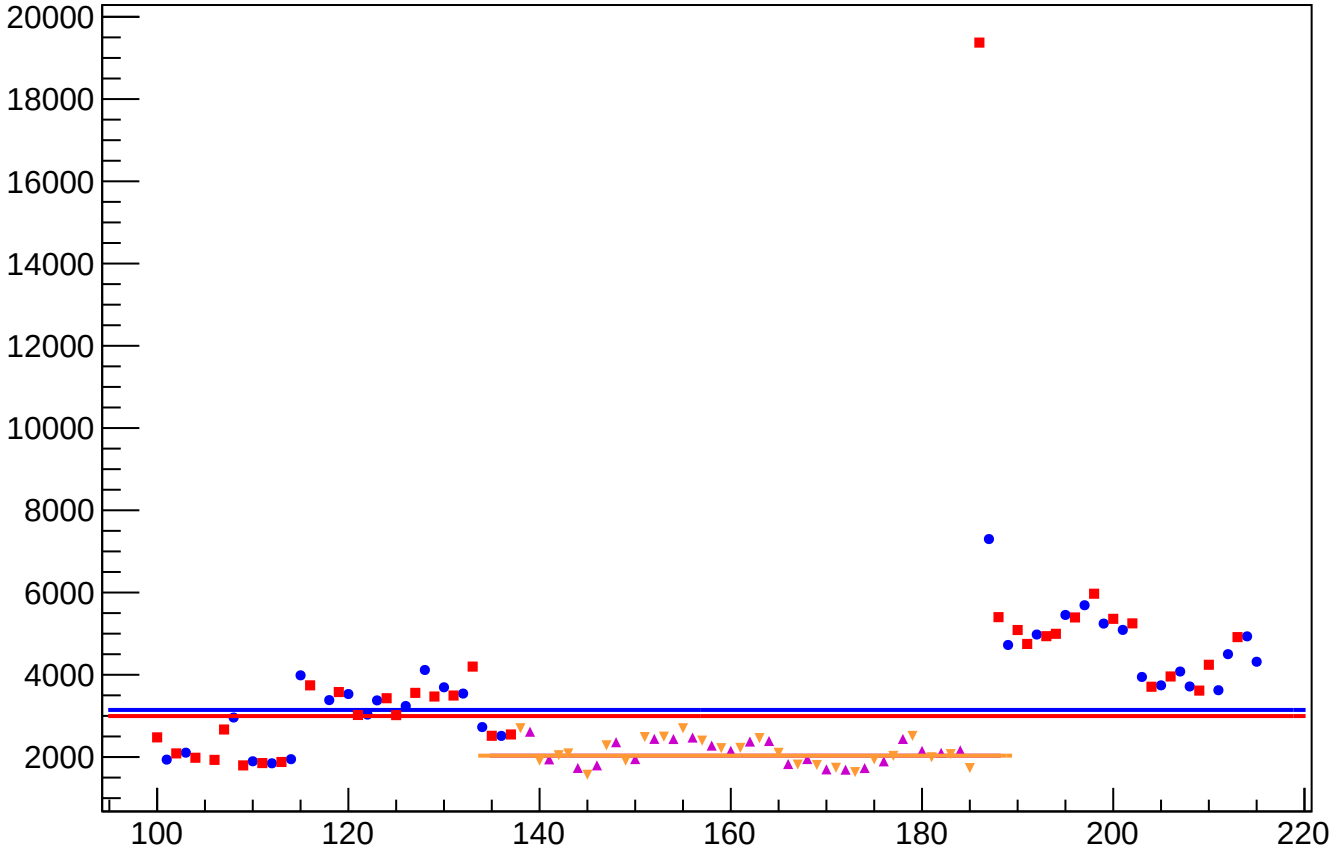
Left In: 199.371+/-492.082 χ^2/NDF:25.8/22

+ sign 2525.003+/-412.365 χ^2/NDF: 95.9/56

All: 1716.812+/-293.248 χ^2/NDF: 167.7/113

- sign 889.927+/-417.107 χ^2/NDF: 63.9/56

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: 2996.021+/-0.556 χ^2/NDF: 5282344.8/33

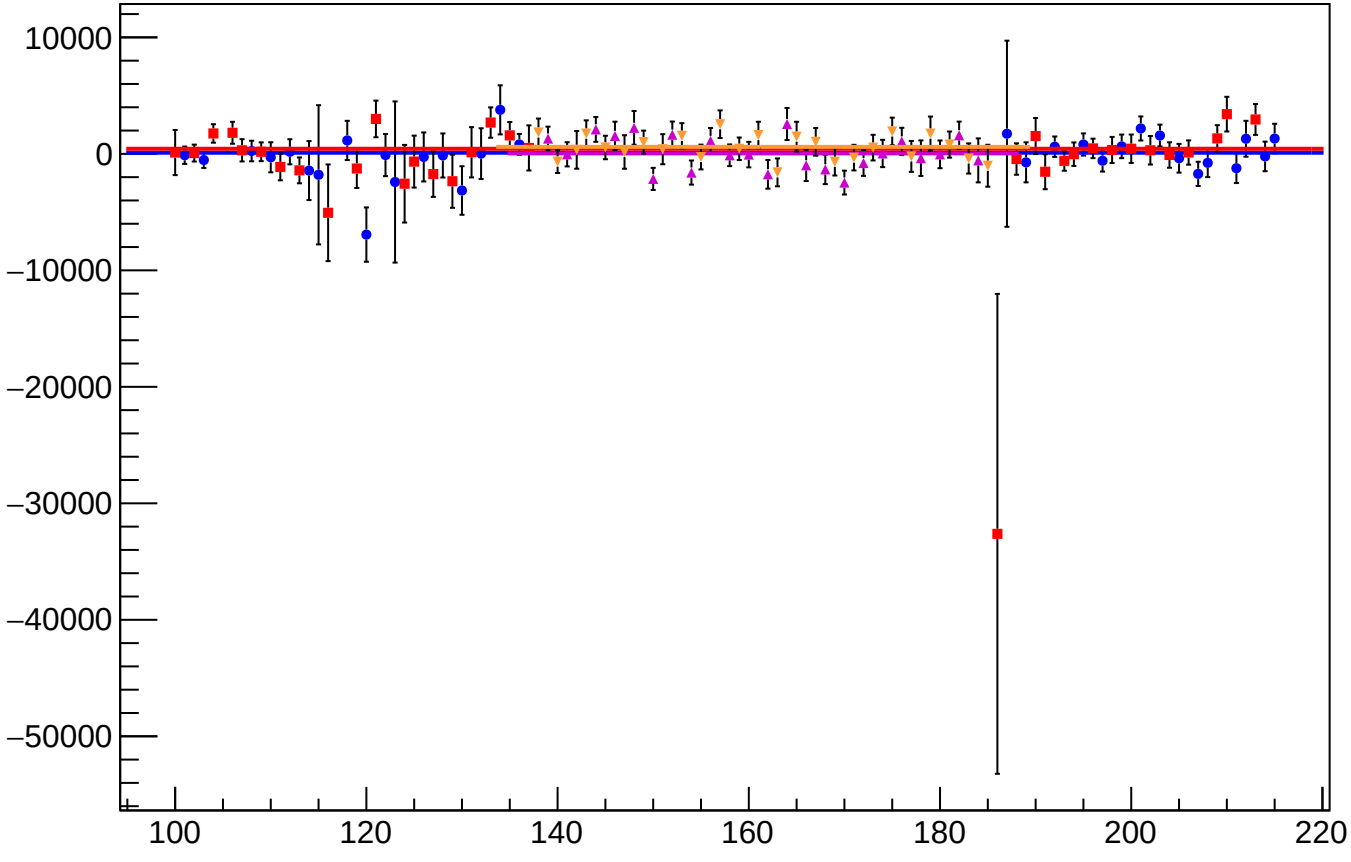
Left In: 2032.655+/-0.348 χ^2/NDF:652763.7/22

+ sign 2323.814+/-0.292 χ^2/NDF: 7672444.5/56

All: 2313.948+/-0.207 χ^2/NDF: 15767784.1/1

- sign 2303.854+/-0.295 χ^2/NDF: 8093023.5/56

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: 438.573+/-206.803 χ^2/NDF: 38.6/33

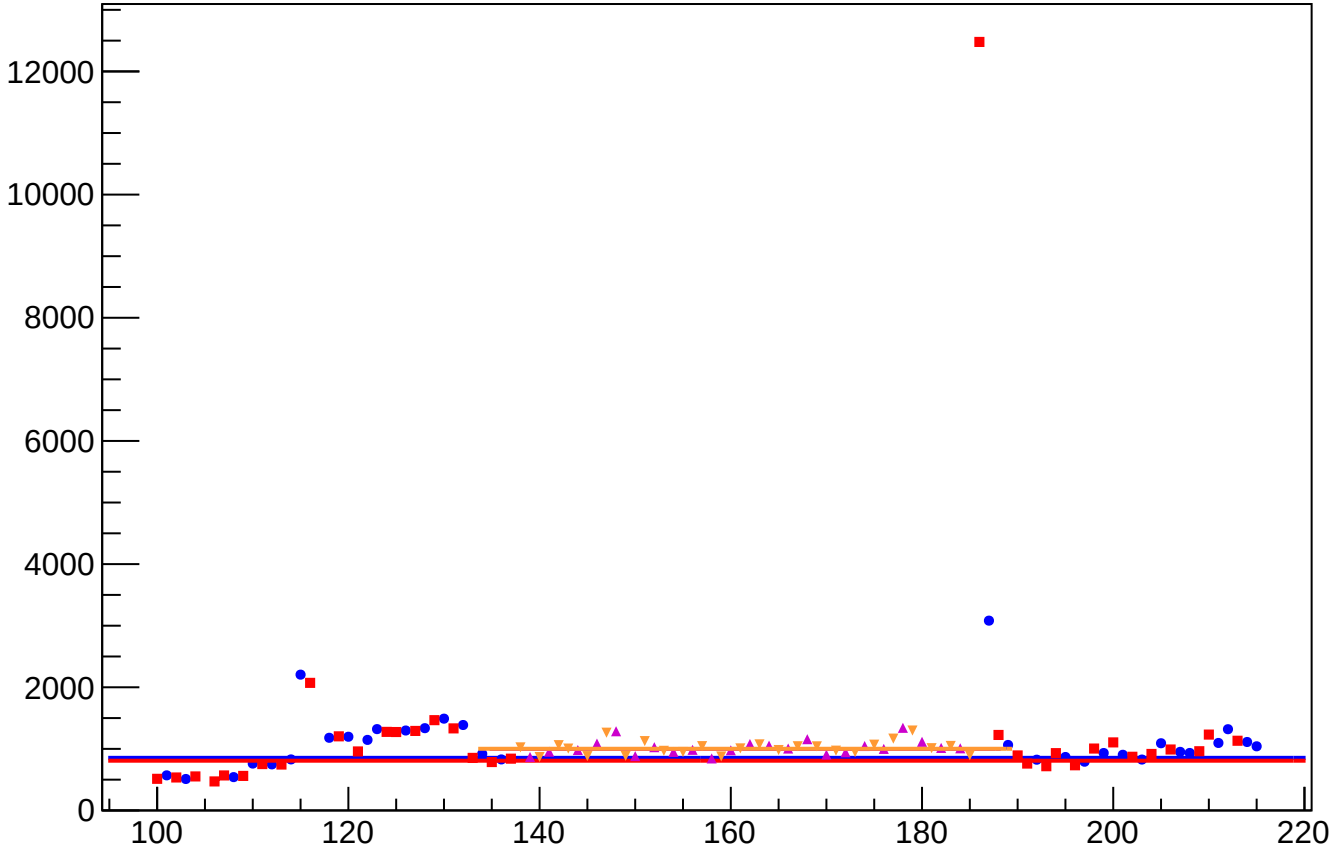
Left In: 41.559+/-240.807 χ^2/NDF:36.4/22

\+ sign 326.639+/-158.539 χ^2/NDF: 53.2/56

All: 298.050+/-111.516 χ^2/NDF: 129.8/113

\- sign 270.054+/-156.889 χ^2/NDF: 76.5/56

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: 807.817+/-0.146 χ^2/NDF: 3464697.2/33

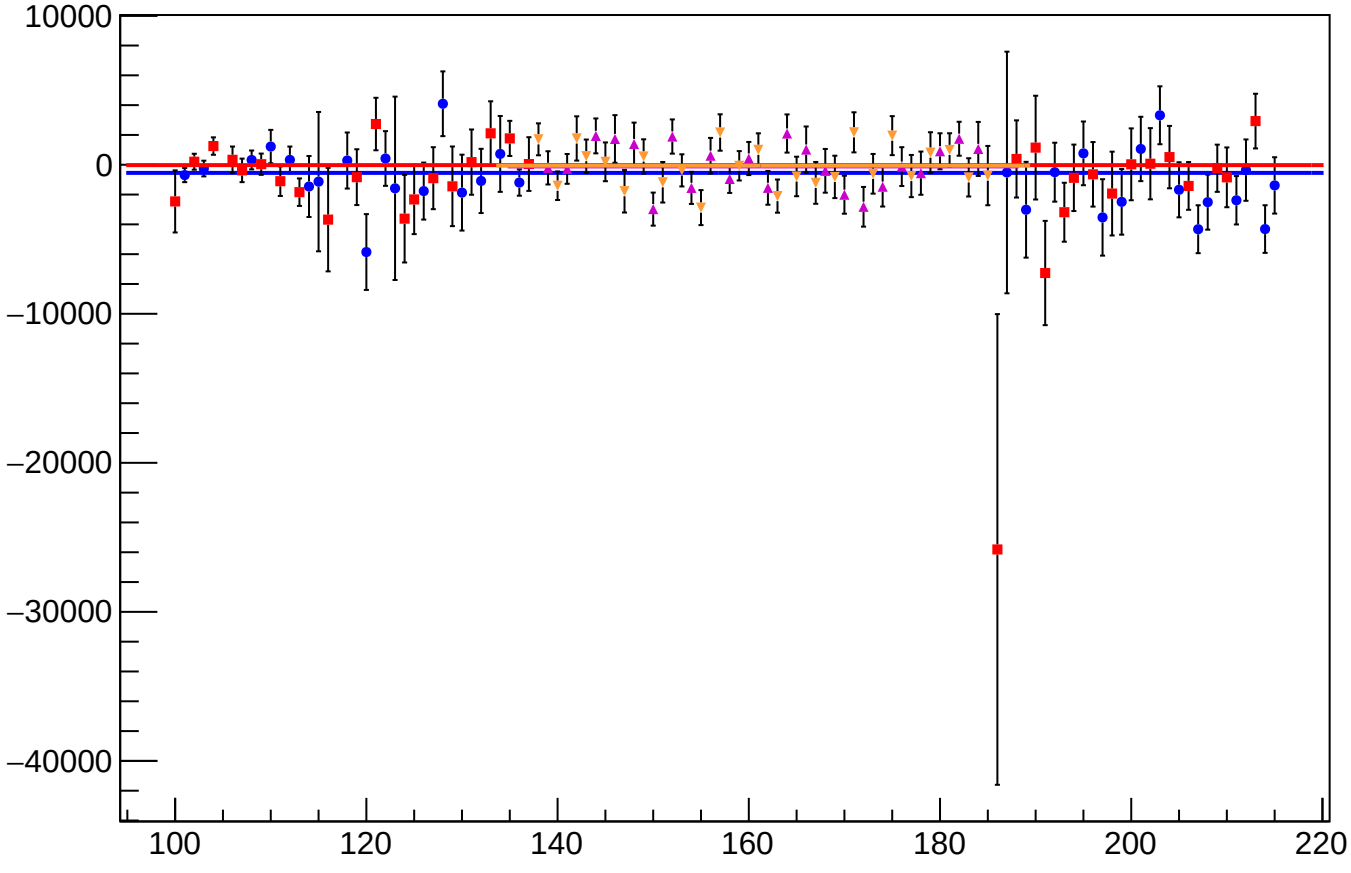
Left In: 998.050+/-0.170 χ^2/NDF:404656.2/22

+ sign 921.391+/-0.112 χ^2/NDF: 3384973.9/56

All: 904.806+/-0.079 χ^2/NDF: 8015989.5/113

- sign 888.565+/-0.111 χ^2/NDF: 4587694.6/56

asym_sam6_mean vs Slug



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: -25.066+/-226.340 χ^2/NDF: 35.7/33

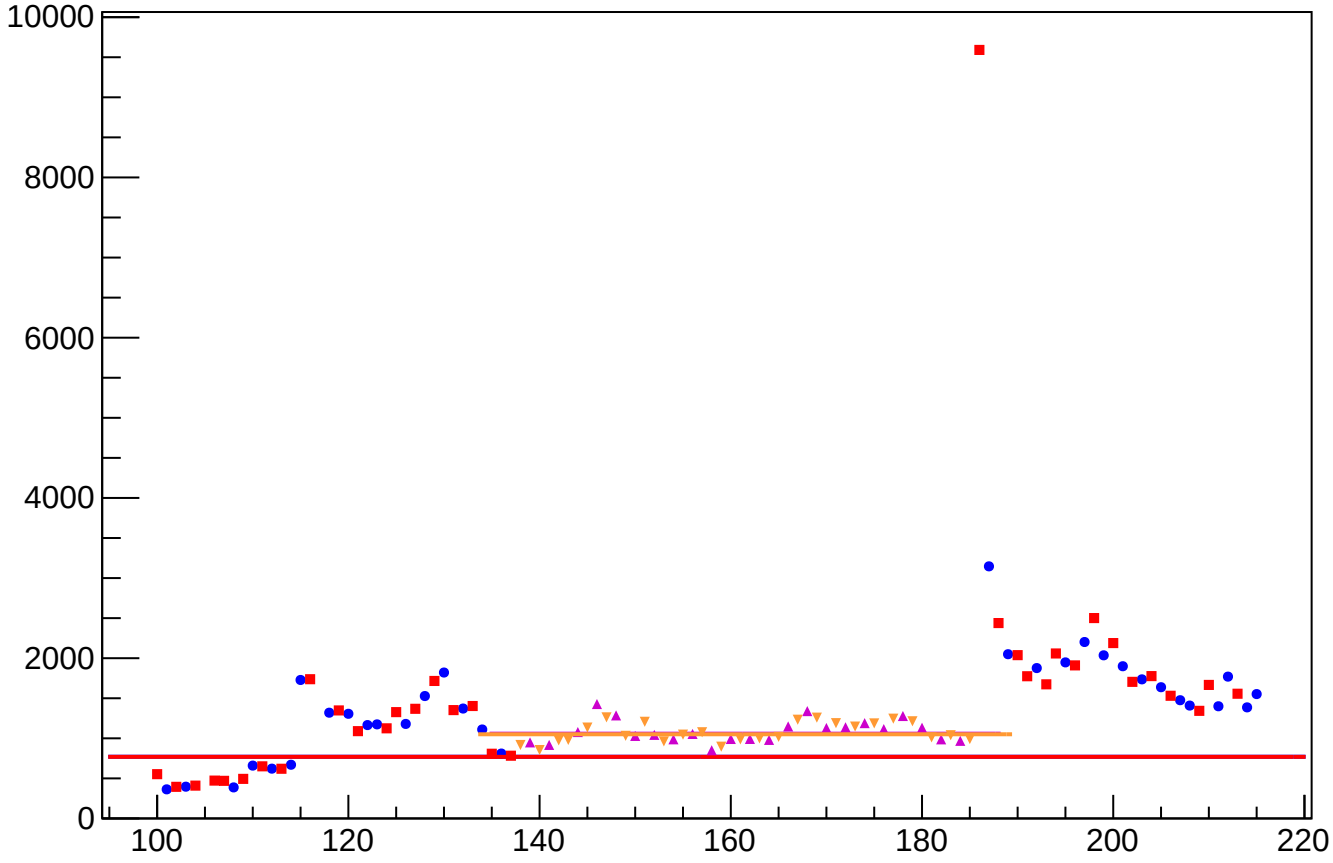
Left In: -112.398+/-255.409 χ^2/NDF:34.9/22

+ sign -323.512+/-166.540 χ^2/NDF: 71.7/56

All: -195.707+/-118.758 χ^2/NDF: 143.5/113

- sign -63.481+/-169.396 χ^2/NDF: 70.6/56

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: 768.984+/-0.160 χ^2/NDF: 11176465.3/33

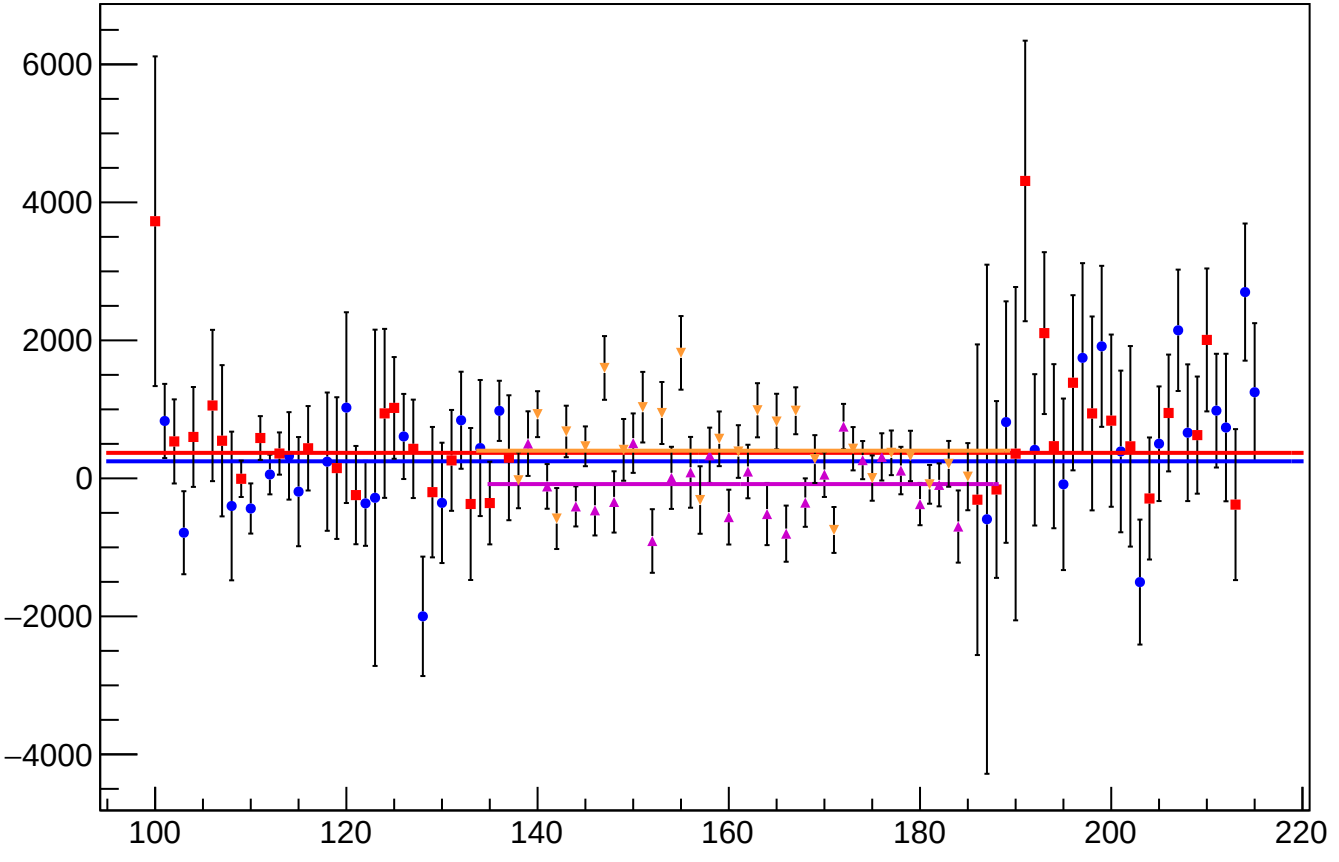
Left In: 1058.097+/-0.181 χ^2/NDF:528574.7/22

+ sign 898.308+/-0.118 χ^2/NDF: 13014983.8/56

All: 897.251+/-0.084 χ^2/NDF: 26155596.4/11

- sign 896.158+/-0.120 χ^2/NDF: 13140448.8/56

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: 369.747+/-119.466 χ^2/NDF: 20.4/33

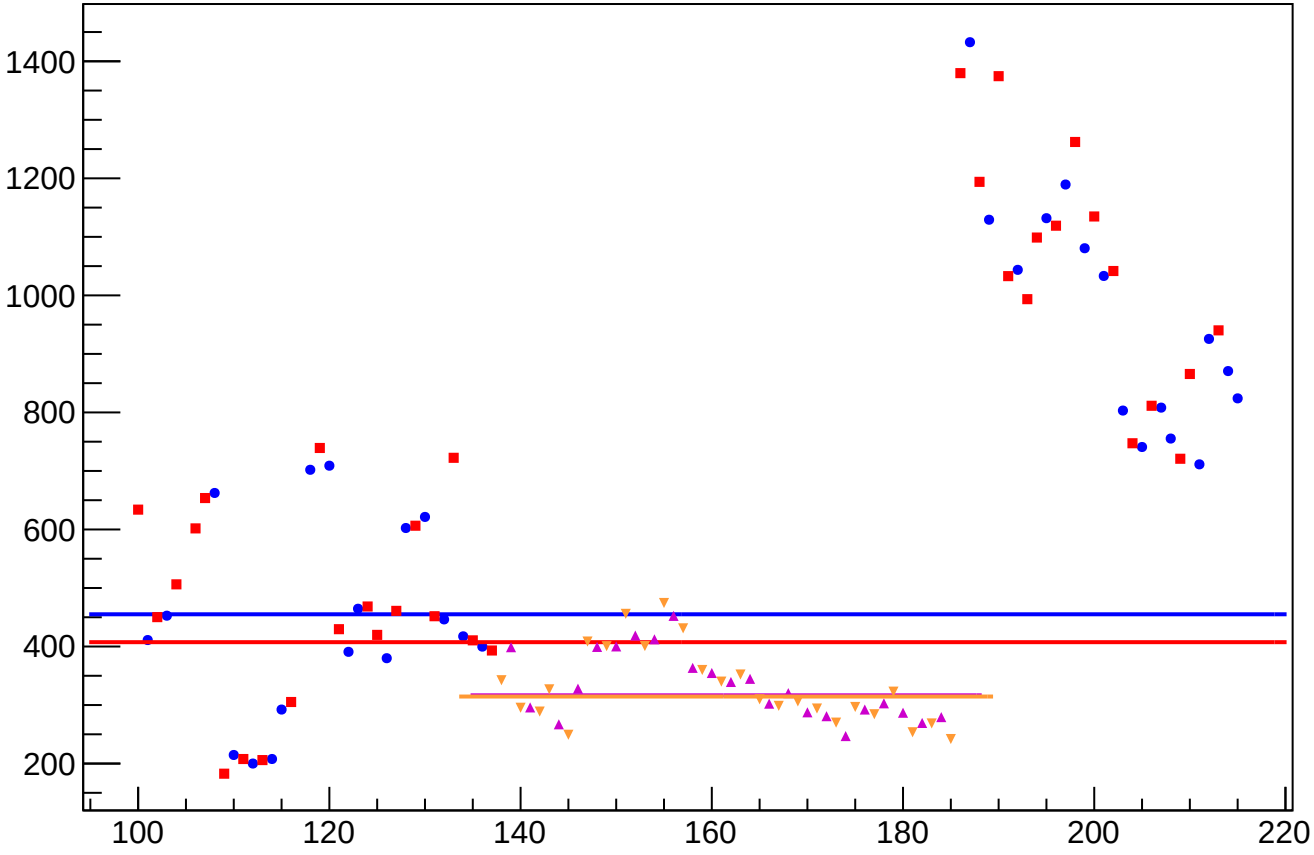
Left In: -82.890+/-76.904 χ^2/NDF:29.0/22

+ sign 361.627+/-64.299 χ^2/NDF: 94.7/56

All: 206.560+/-45.595 χ^2/NDF: 166.0/113

- sign 49.725+/-64.664 χ^2/NDF: 59.6/56

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: 407.424+/-0.084 χ^2/NDF: 11017110.3/33

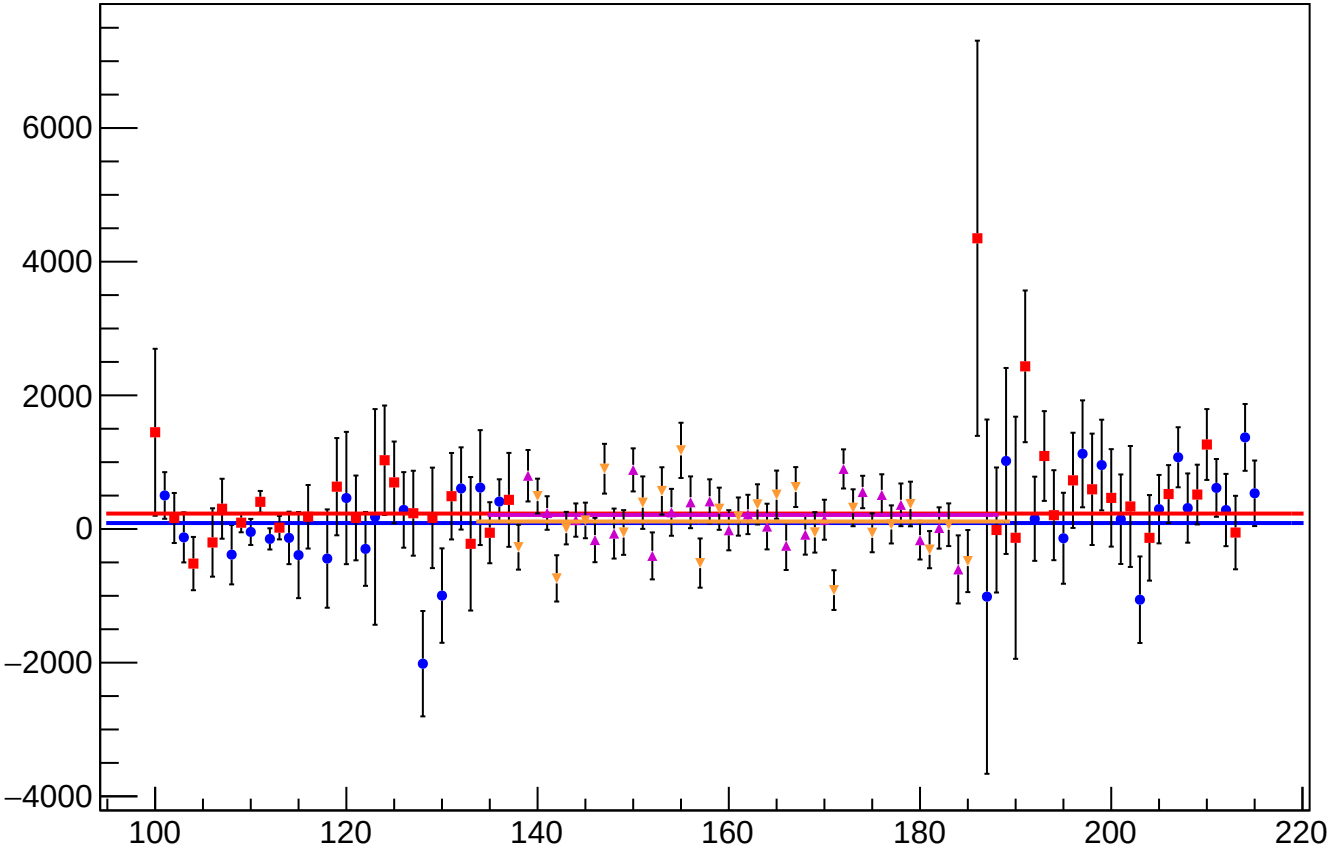
Left In: 316.647+/-0.054 χ^2/NDF:920874.0/22

+ sign 350.522+/-0.045 χ^2/NDF: 11741634.1/56

All: 346.903+/-0.032 χ^2/NDF: 24508815.8/11

- sign 343.243+/-0.046 χ^2/NDF: 12754437.5/56

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: 230.837+/-70.408 χ^2/NDF: 25.0/33

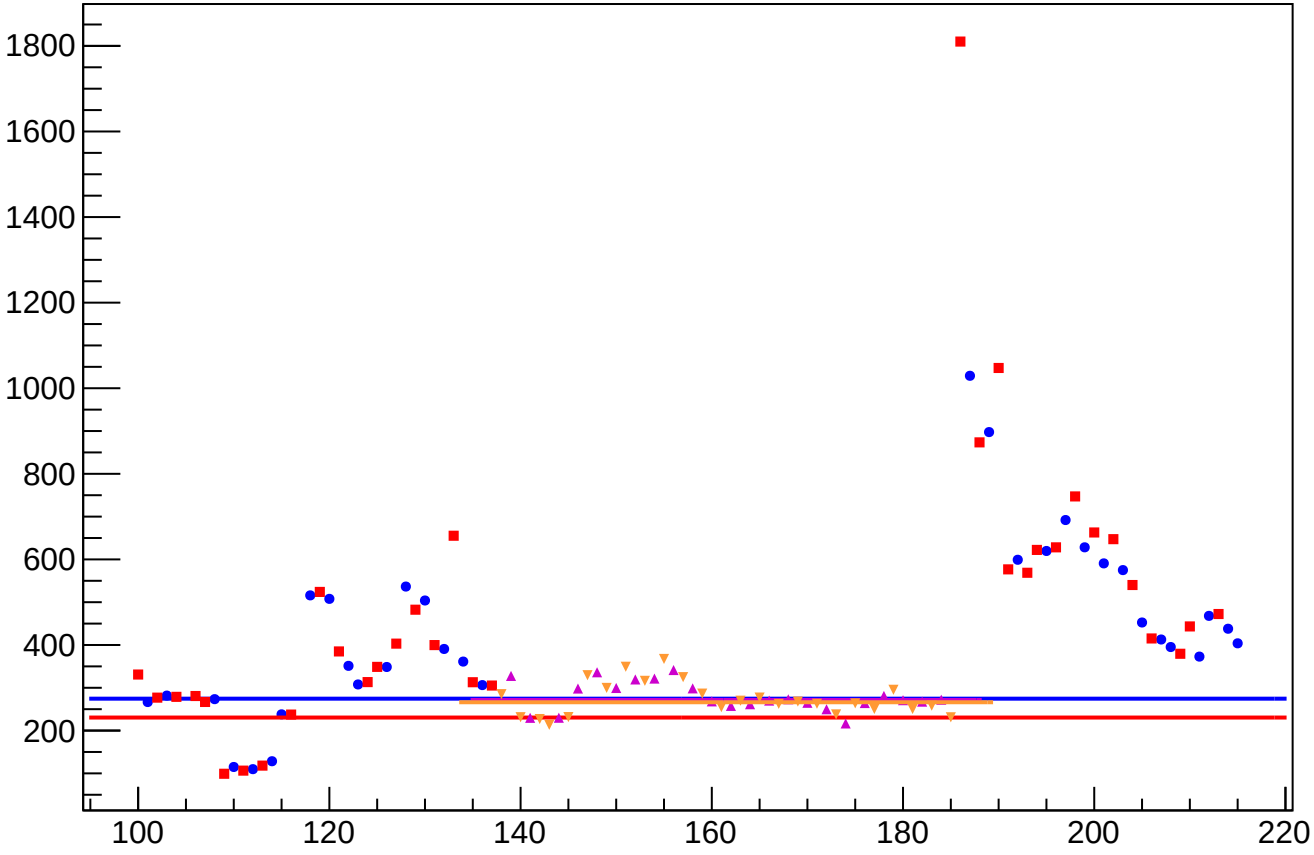
Left In: 210.453+/-65.510 χ^2/NDF:29.2/22

+ sign 103.124+/-48.823 χ^2/NDF: 89.8/56

All: 162.557+/-34.214 χ^2/NDF: 146.8/113

- sign 219.912+/-47.961 χ^2/NDF: 54.2/56

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: 230.453+/-0.050 χ^2/NDF: 12833622.4/33

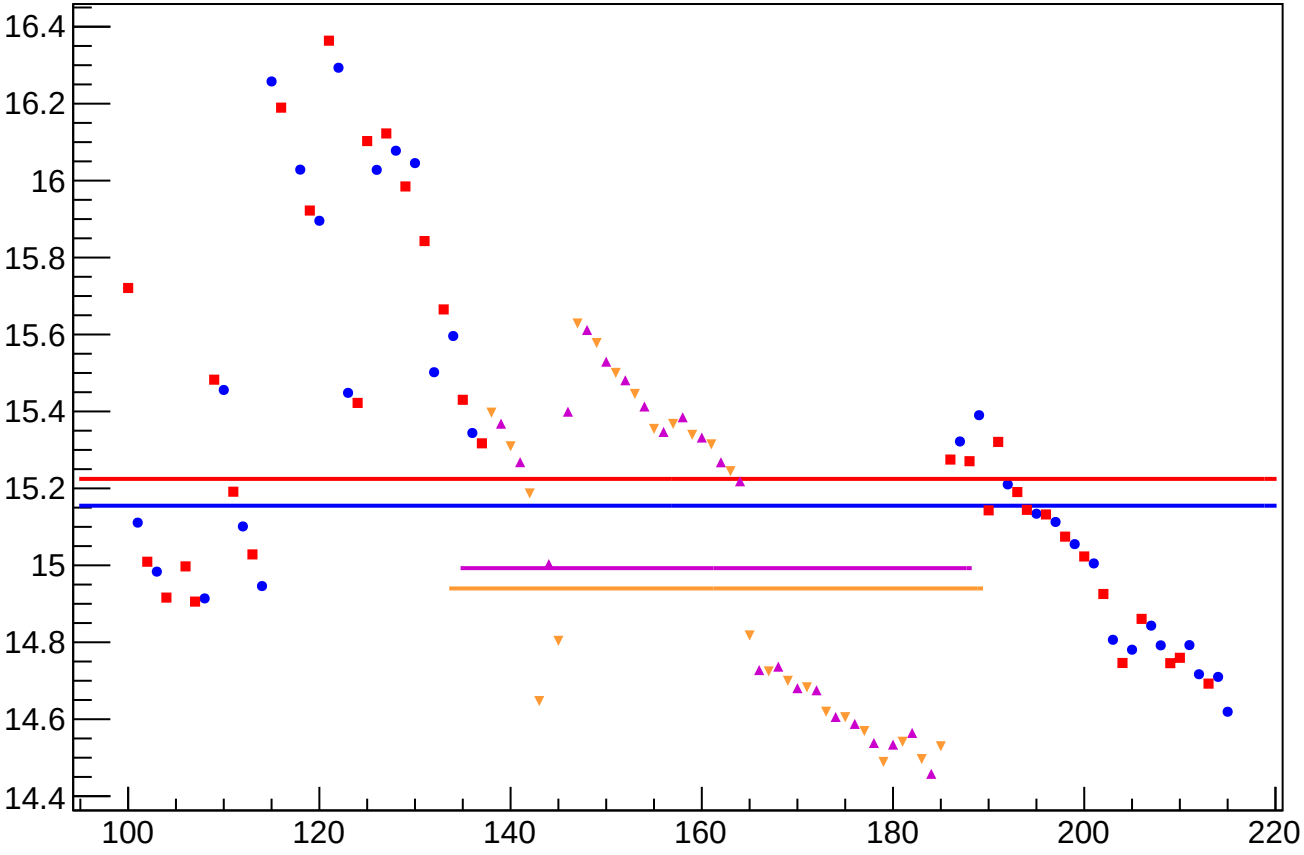
Left In: 271.415+/-0.046 χ^2/NDF:521877.7/22

+ sign 269.483+/-0.035 χ^2/NDF: 10211906.8/56

All: 260.793+/-0.024 χ^2/NDF: 24054725.7/11

- sign 252.408+/-0.034 χ^2/NDF: 13718329.2/56

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: 15.225+/-0.000 χ^2/NDF: 17289690065.7/33

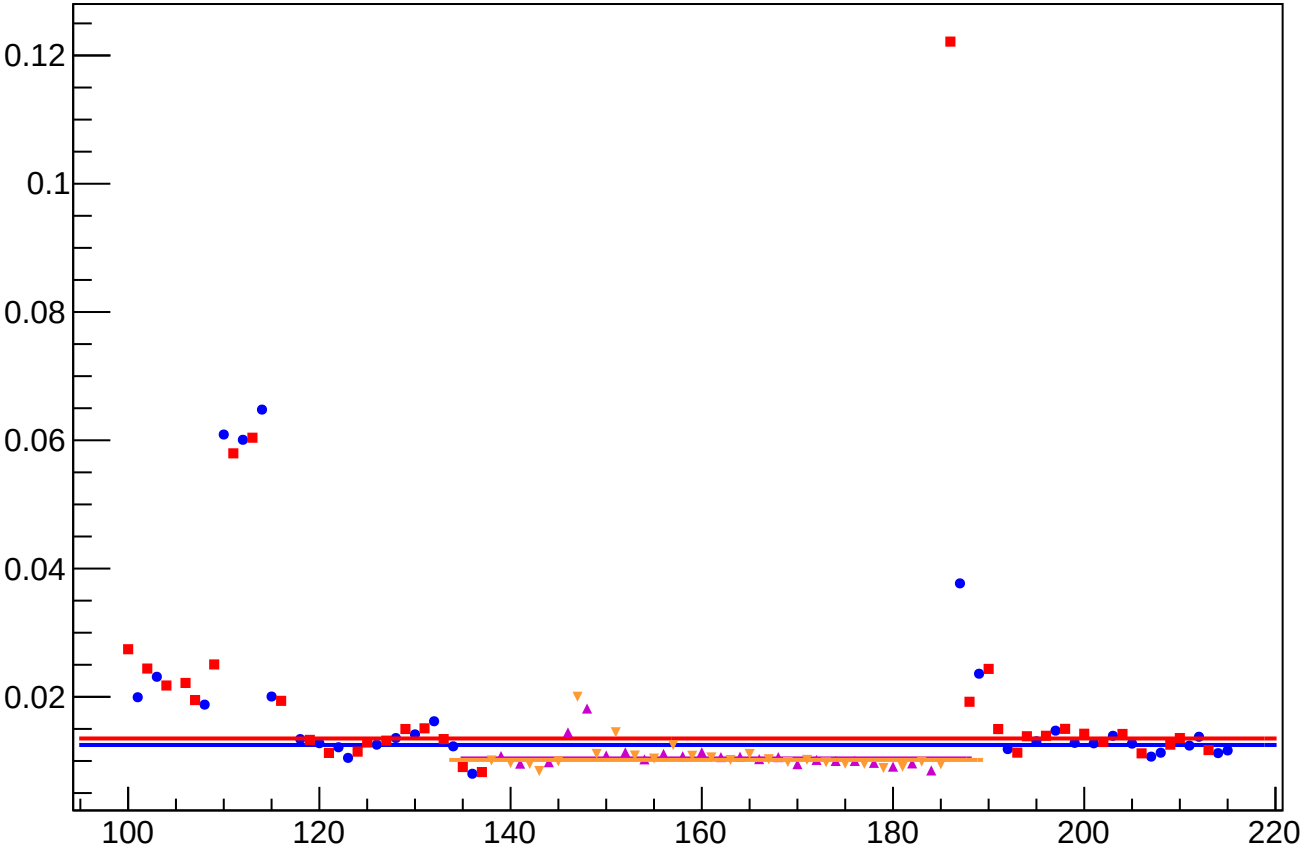
Left In: 14.993+/-0.000 χ^2/NDF:22023159634.7/22

+ sign 15.019+/-0.000 χ^2/NDF: 47006504729.7/56

All: 15.044+/-0.000 χ^2/NDF: 89527125894.1

- sign 15.073+/-0.000 χ^2/NDF: 42156380763.4/56

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

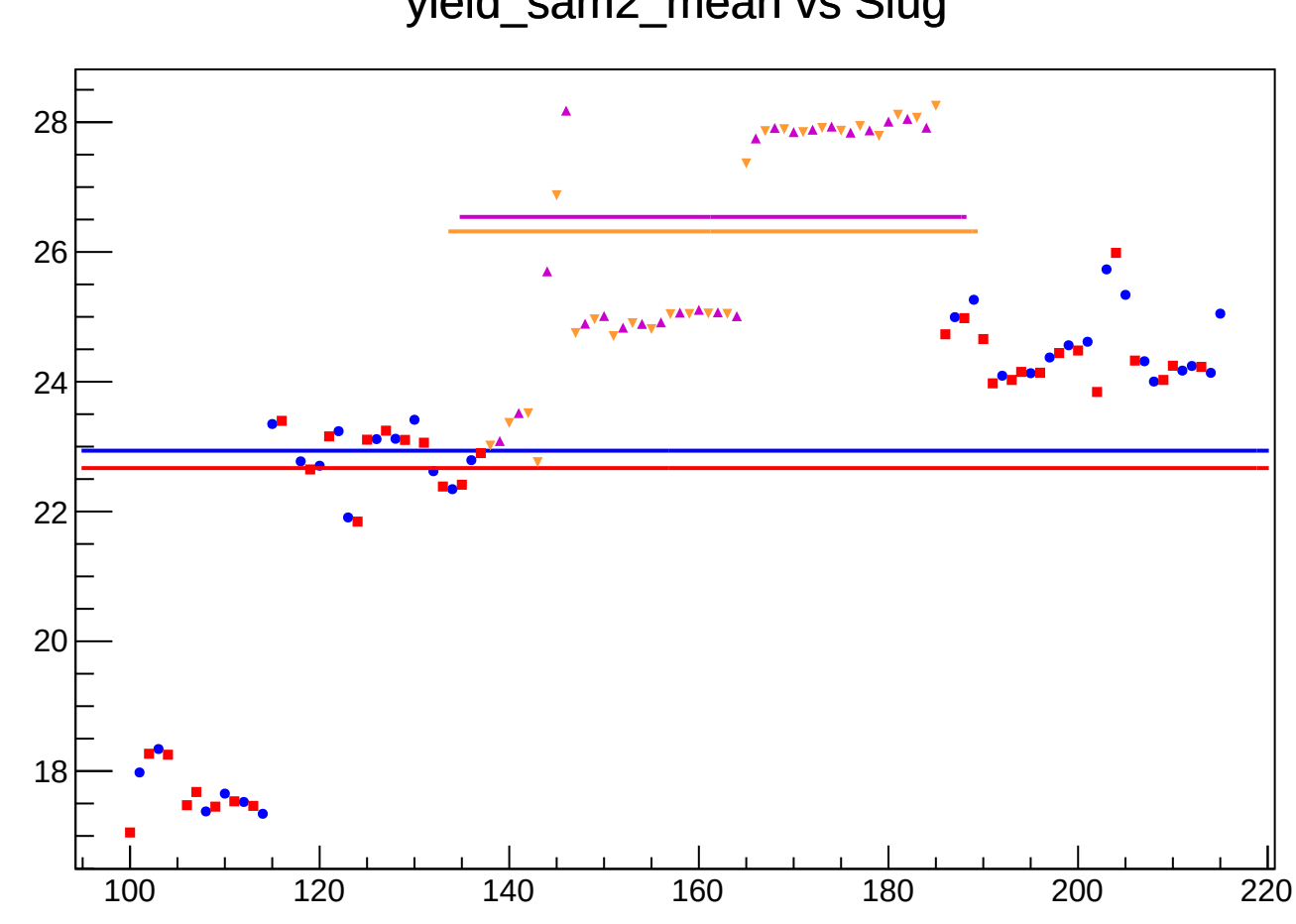
Right Out: 0.014+/-0.000 χ^2/NDF: 3134733.5/33

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: 8750388.4/113

- sign 0.011+/-0.000 χ^2/NDF: 4701677.4/56



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: 22.669+/-0.000 χ^2/NDF: 1568954765.7/33

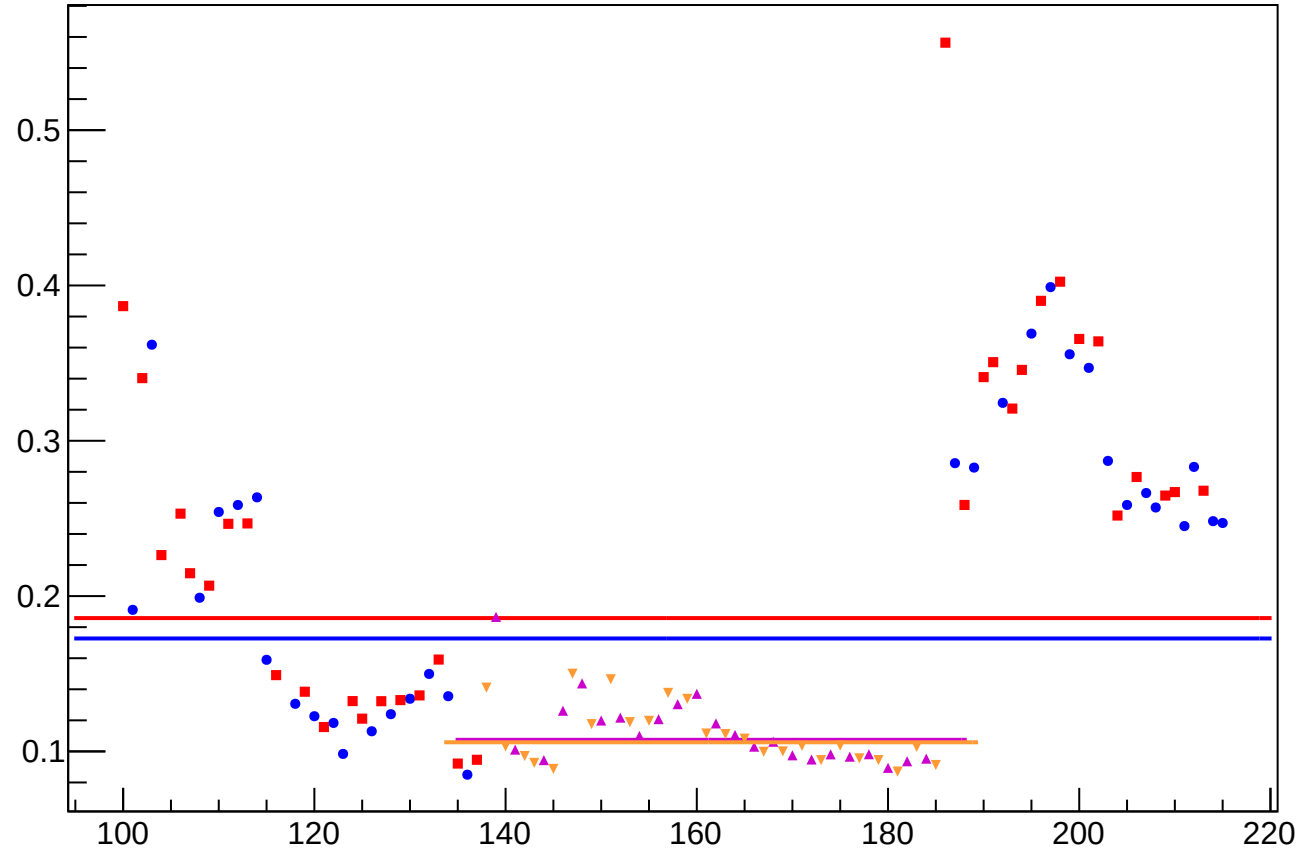
Left In: 26.540+/-0.000 χ^2/NDF:3309392772.6/22

+ sign 25.522+/-0.000 χ^2/NDF: 9939278324.6/56

All: 25.590+/-0.000 χ^2/NDF: 19227015813.7

- sign 25.665+/-0.000 χ^2/NDF: 9269962616.9/56

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: 0.186+/-0.000 χ^2/NDF: 6039188.7/33

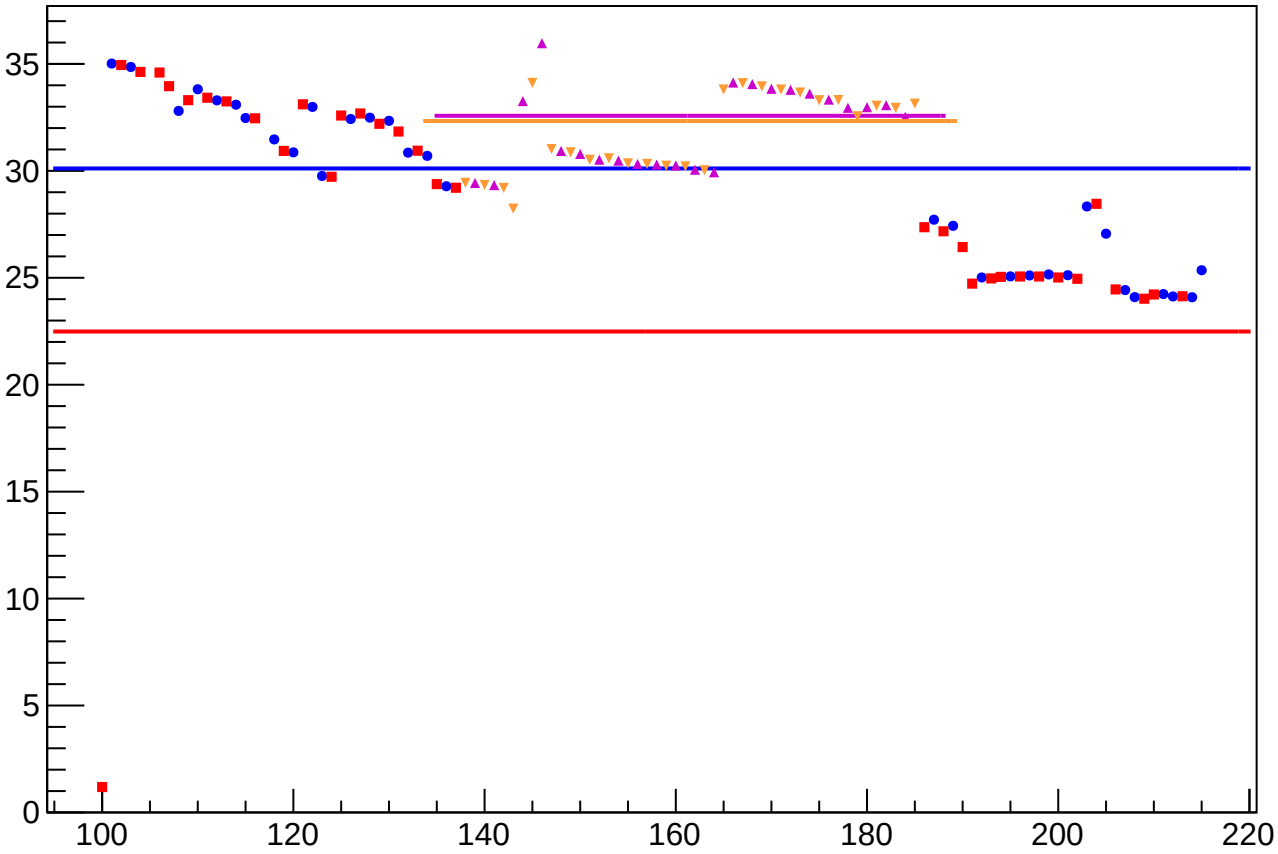
Left In: 0.107+/-0.000 χ^2/NDF:771132.0/22

+ sign 0.122+/-0.000 χ^2/NDF: 10120983.7/56

All: 0.123+/-0.000 χ^2/NDF: 20553957.7/113

- sign 0.125+/-0.000 χ^2/NDF: 10410349.6/56

yield_sam3_mean vs Slug



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: 22.488+/-0.000 χ^2/NDF: 232274503370.3/33

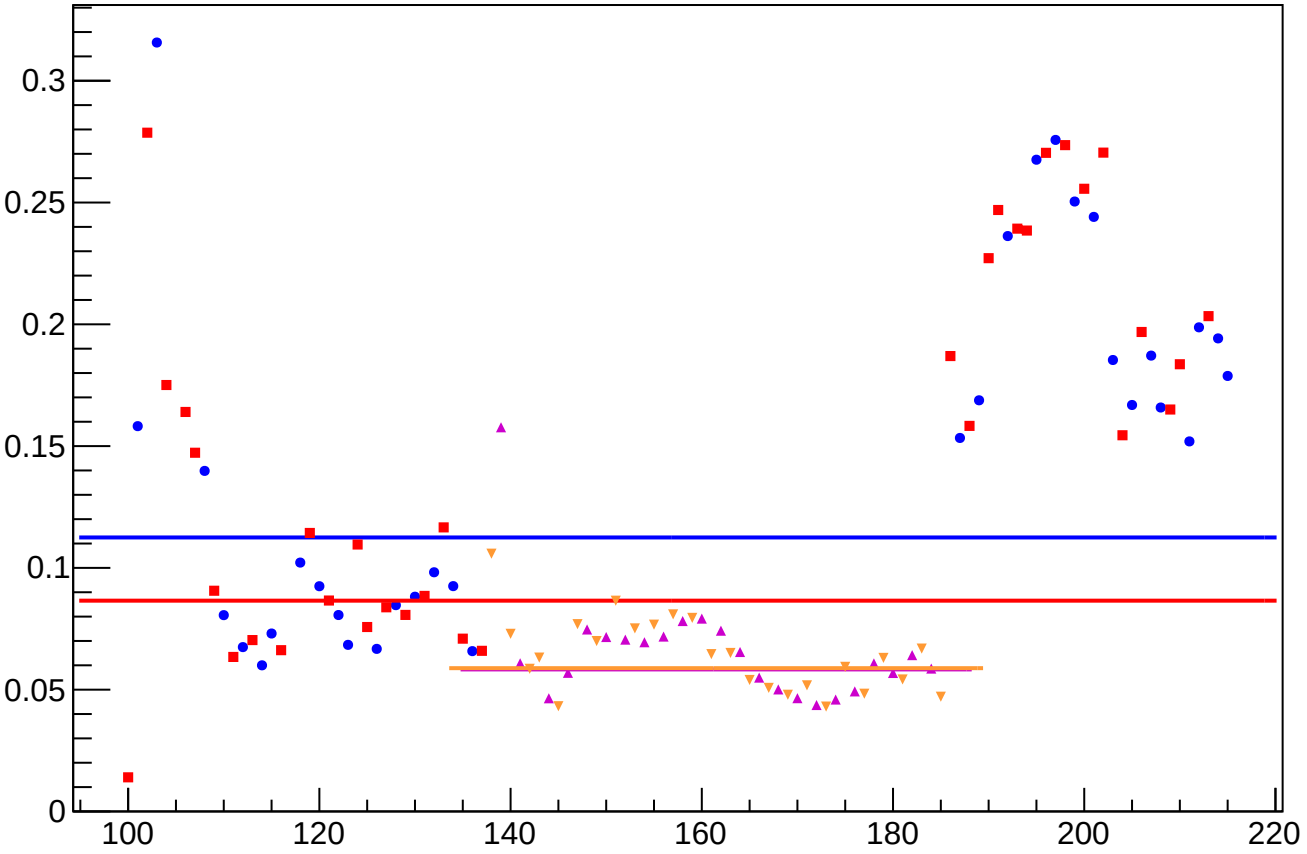
Left In: 32.574+/-0.000 χ^2/NDF:11797772603.7/22

+ sign 31.901+/-0.000 χ^2/NDF: 27320062894.0/56

All: 30.973+/-0.000 χ^2/NDF: 379127799339.

- sign 30.068+/-0.000 χ^2/NDF: 343156044037.3/56

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: 0.087+/-0.000 χ^2/NDF: 11834529.8/33

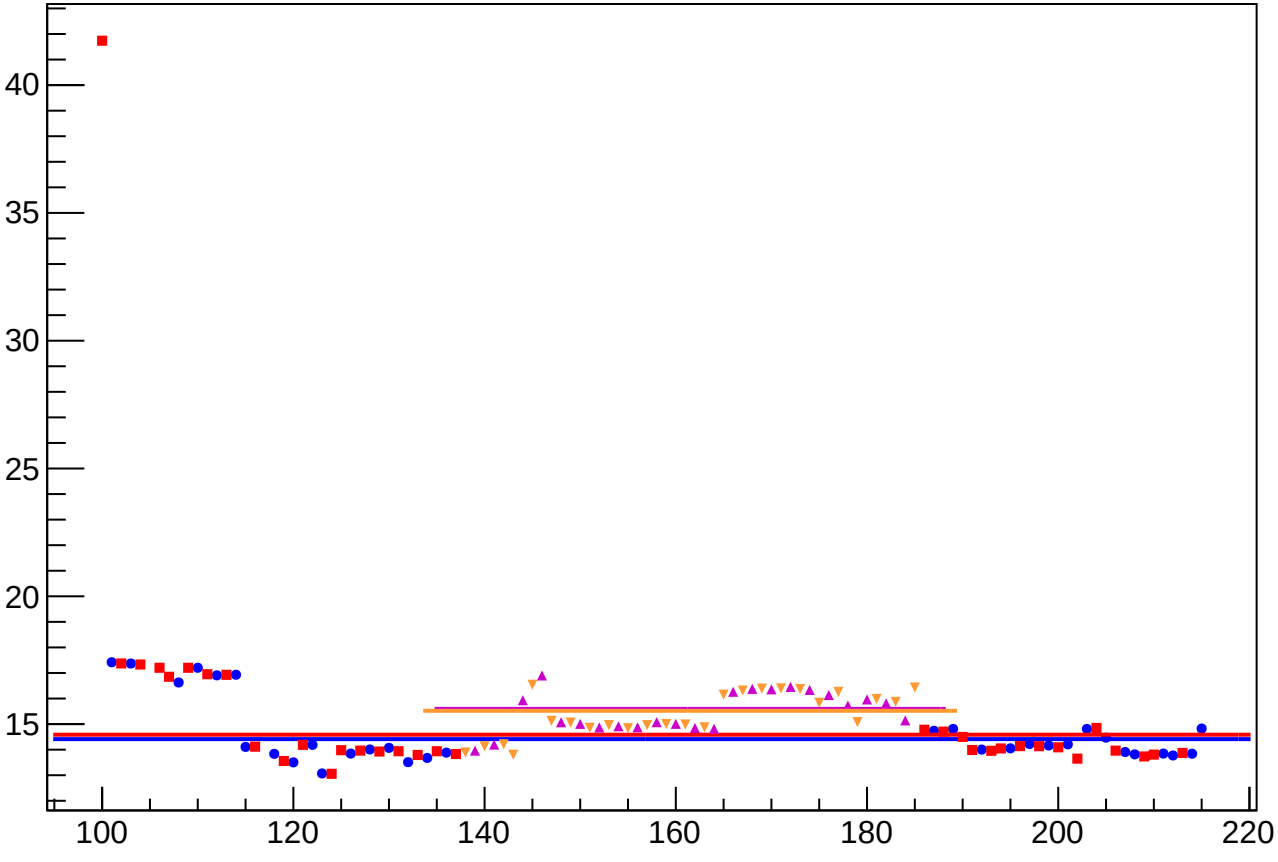
Left In: 0.058+/-0.000 χ^2/NDF:1525476.4/22

+ sign 0.069+/-0.000 χ^2/NDF: 12638894.3/56

All: 0.067+/-0.000 χ^2/NDF: 27629291.5/113

- sign 0.065+/-0.000 χ^2/NDF: 14912372.5/56

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: 14.585+/-0.000 χ^2/NDF: 2038592431.9/33

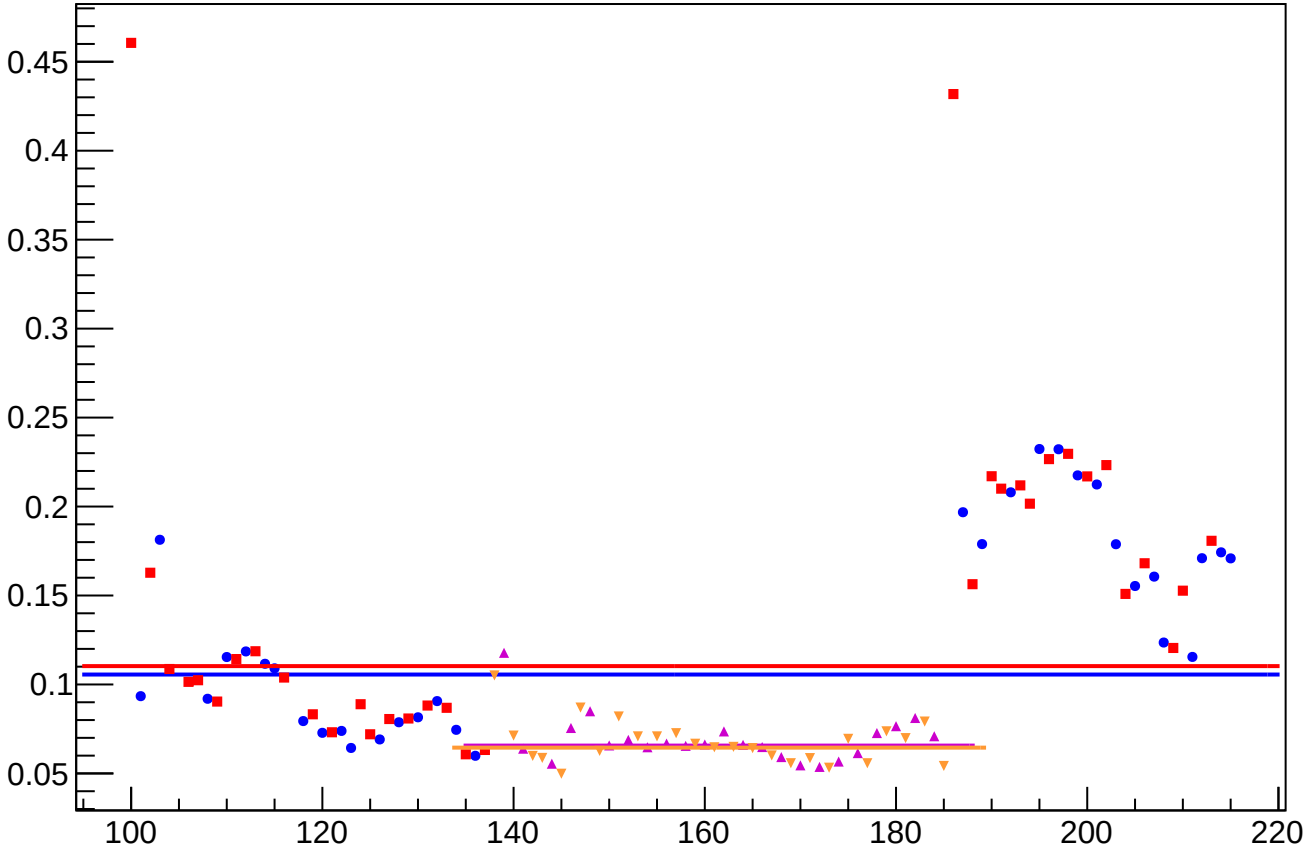
Left In: 15.595+/-0.000 χ^2/NDF:1908733580.5/22

+ sign 15.251+/-0.000 χ^2/NDF: 5285909269.7/56

All: 15.298+/-0.000 χ^2/NDF: 10108248682.5

- sign 15.350+/-0.000 χ^2/NDF: 4798970147.1/56

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: 0.110+/-0.000 χ^2/NDF: 5332241.4/33

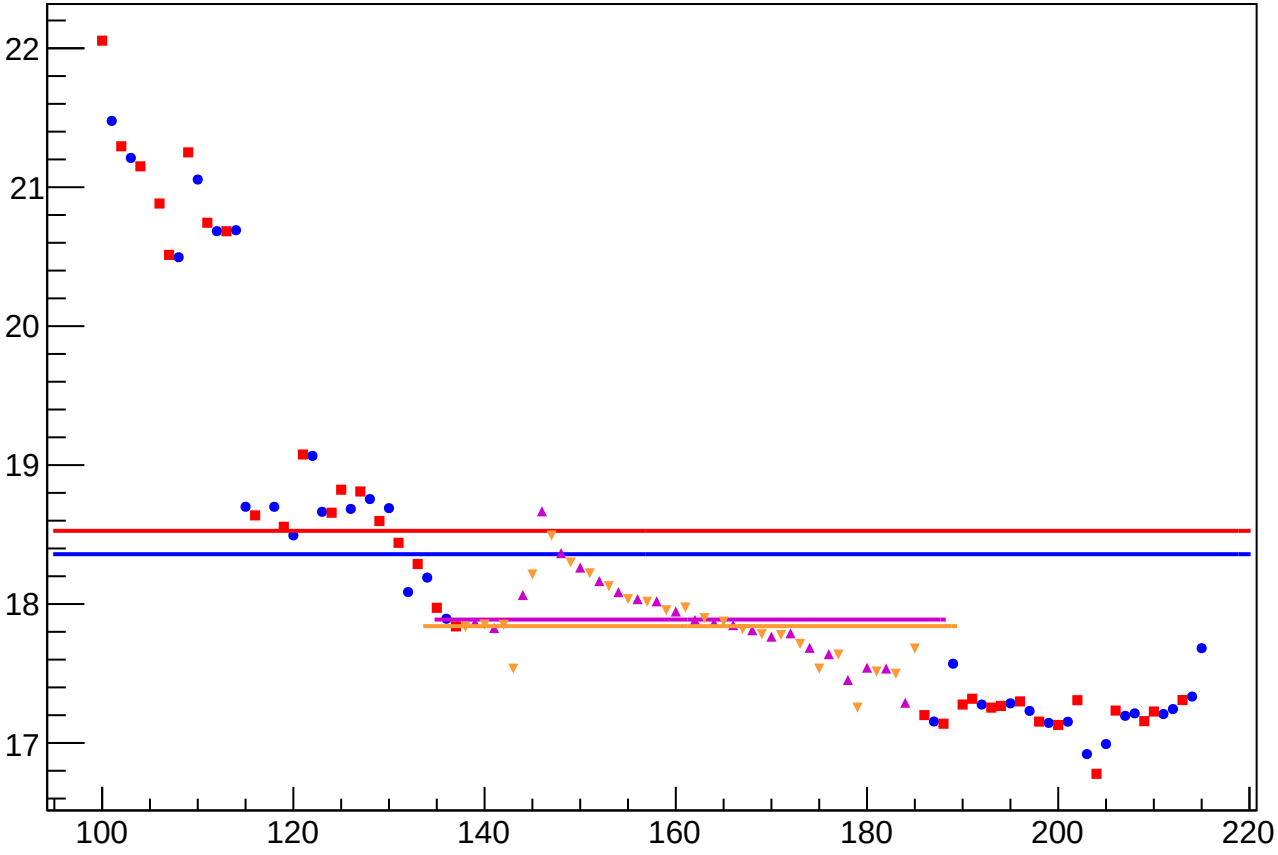
Left In: 0.066+/-0.000 χ^2/NDF:714703.1/22

+ sign 0.075+/-0.000 χ^2/NDF: 9391710.2/56

All: 0.075+/-0.000 χ^2/NDF: 18790444.9/113

- sign 0.076+/-0.000 χ^2/NDF: 9380090.2/56

yield_sam5_mean vs Slug



Right In: 18.359+/-0.000 χ^2/NDF: 32428001734.0/31

Left Out: 17.841+/-0.000 χ^2/NDF:1283287989.7/24

Right Out: 18.527+/-0.000 χ^2/NDF: 34195733248.9/33

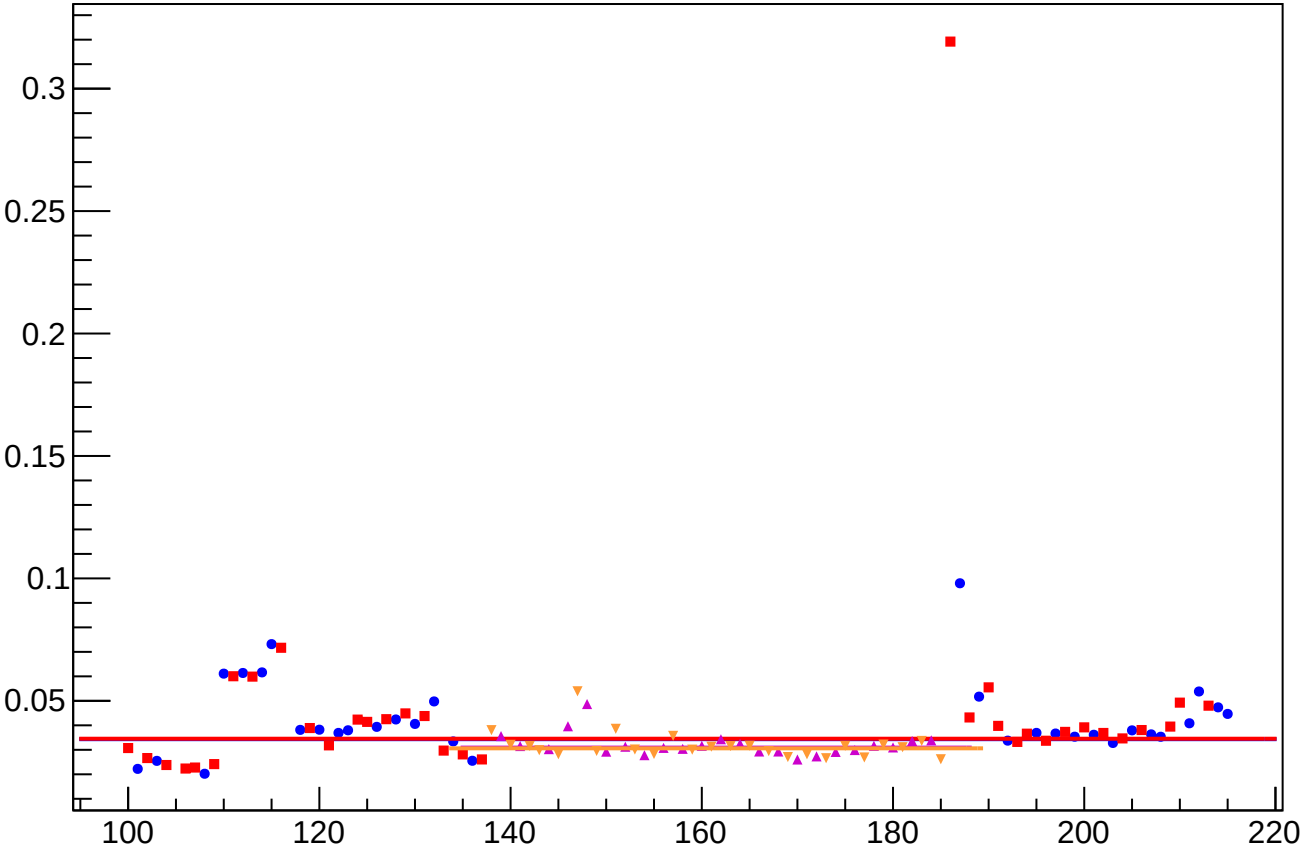
Left In: 17.888+/-0.000 χ^2/NDF:1203002311.3/22

+ sign 18.054+/-0.000 χ^2/NDF: 35770342811.3/56

All: 18.104+/-0.000 χ^2/NDF: 74311545692.8

- sign 18.157+/-0.000 χ^2/NDF: 38378757017.8/56

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: 2431955.5/33

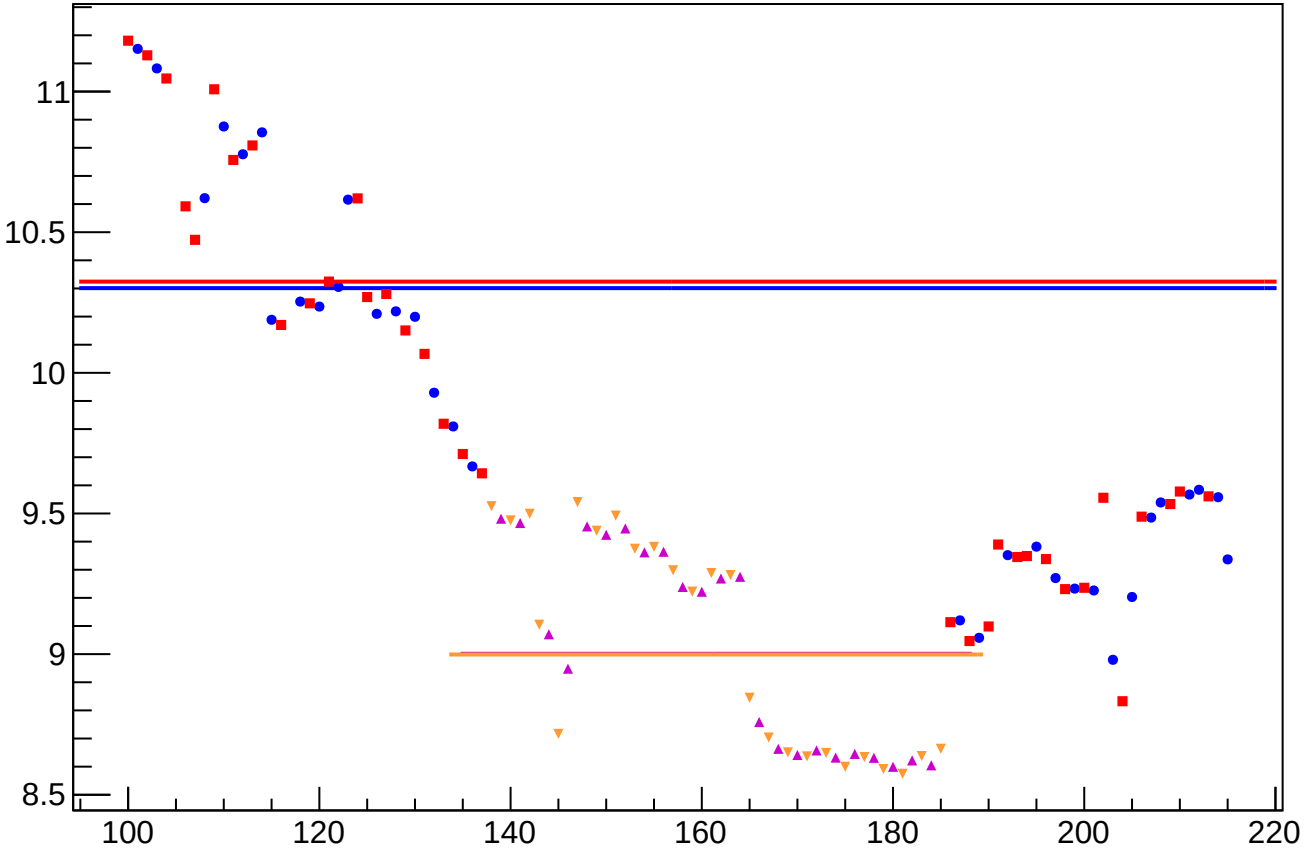
Left In: 0.031+/-0.000 χ^2/NDF:453524.6/22

+ sign 0.032+/-0.000 χ^2/NDF: 2990244.4/56

All: 0.032+/-0.000 χ^2/NDF: 6070589.9/113

- sign 0.032+/-0.000 χ^2/NDF: 3077923.0/56

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: 10.324+/-0.000 χ^2/NDF: 13995871997.3/33

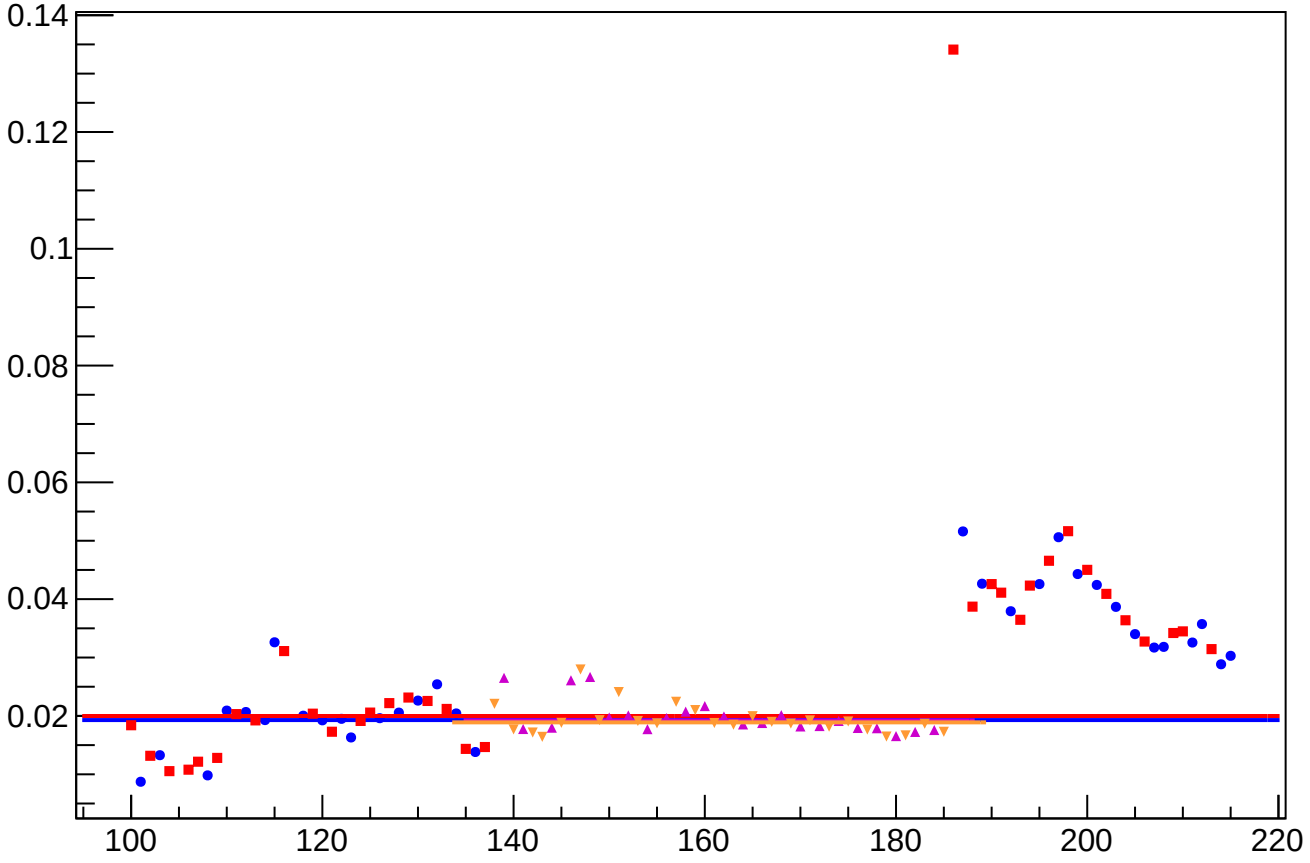
Left In: 9.001+/-0.000 χ^2/NDF:5314536205.4/22

+ sign 9.545+/-0.000 χ^2/NDF: 56382250515.8/56

All: 9.554+/-0.000 χ^2/NDF: 107612796304.7

- sign 9.565+/-0.000 χ^2/NDF: 51215179117.8/56

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: 7202105.1/33

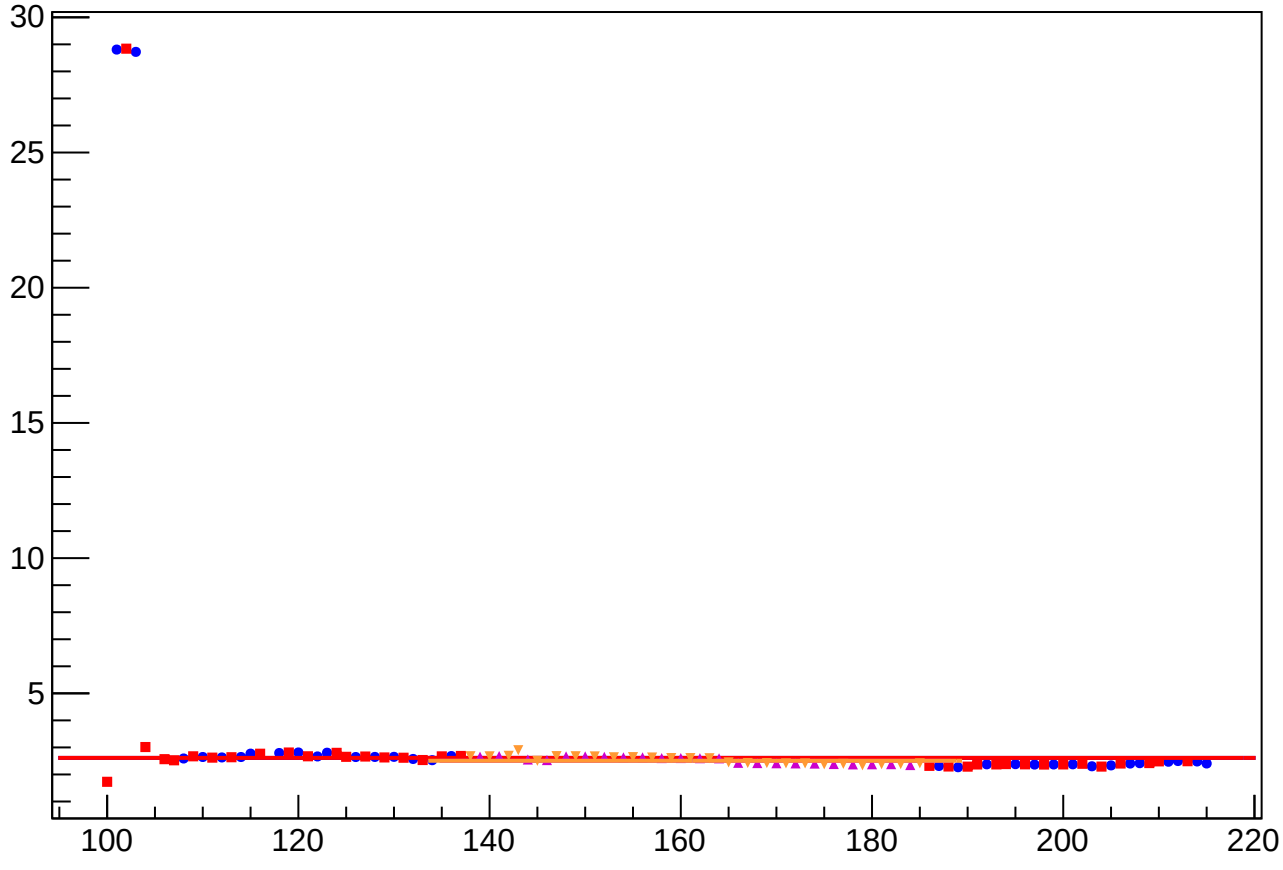
Left In: 0.019+/-0.000 χ^2/NDF:481824.0/22

+ sign 0.019+/-0.000 χ^2/NDF: 7954612.4/56

All: 0.019+/-0.000 χ^2/NDF: 15678084.6/113

- sign 0.020+/-0.000 χ^2/NDF: 7705003.5/56

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: 2.613+/-0.000 χ^2/NDF: 90696072608.1/33

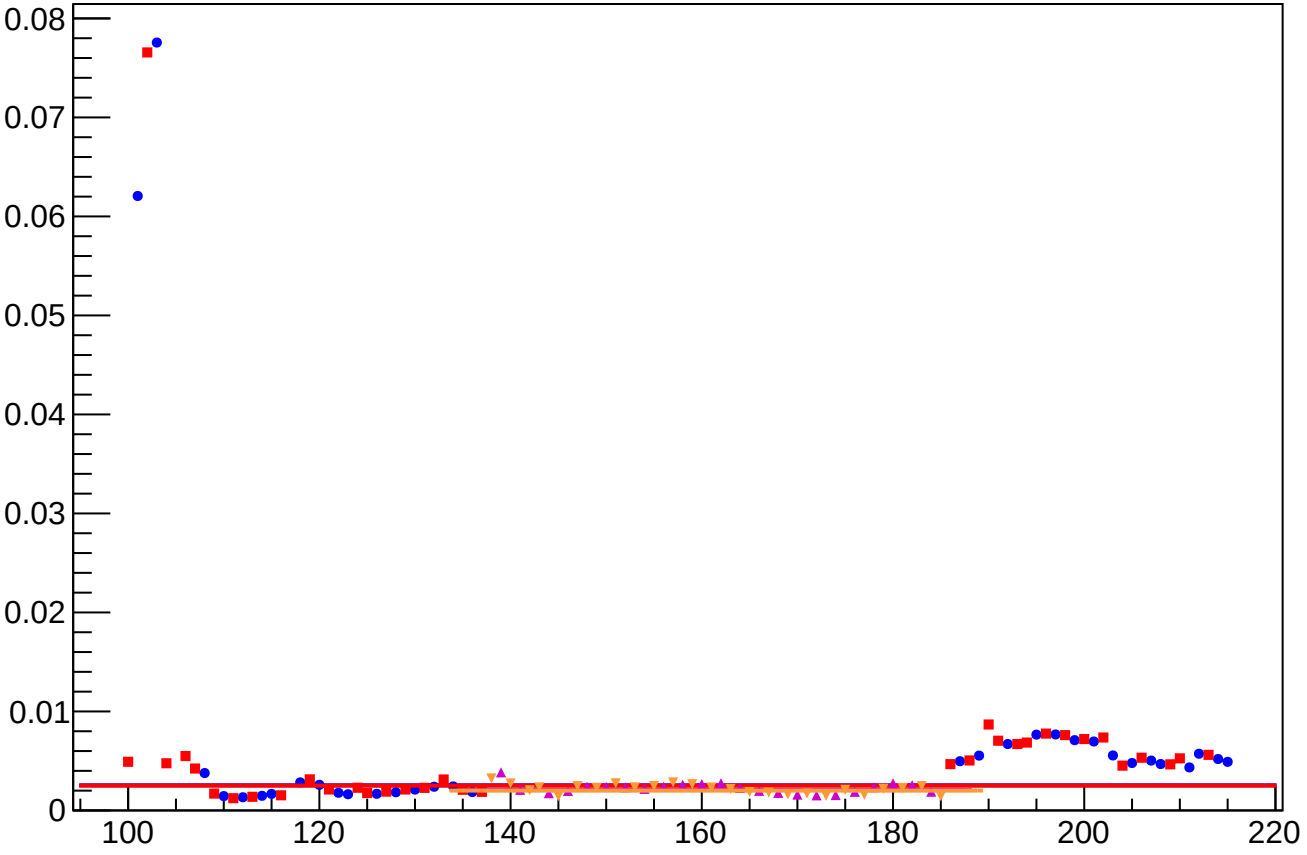
Left In: 2.505+/-0.000 χ^2/NDF:42893630742.5/22

+ sign 2.540+/-0.000 χ^2/NDF: 260170549397.0/56

All: 2.541+/-0.000 χ^2/NDF: 406792112200.4

- sign 2.542+/-0.000 χ^2/NDF: 146608016613.7/56

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

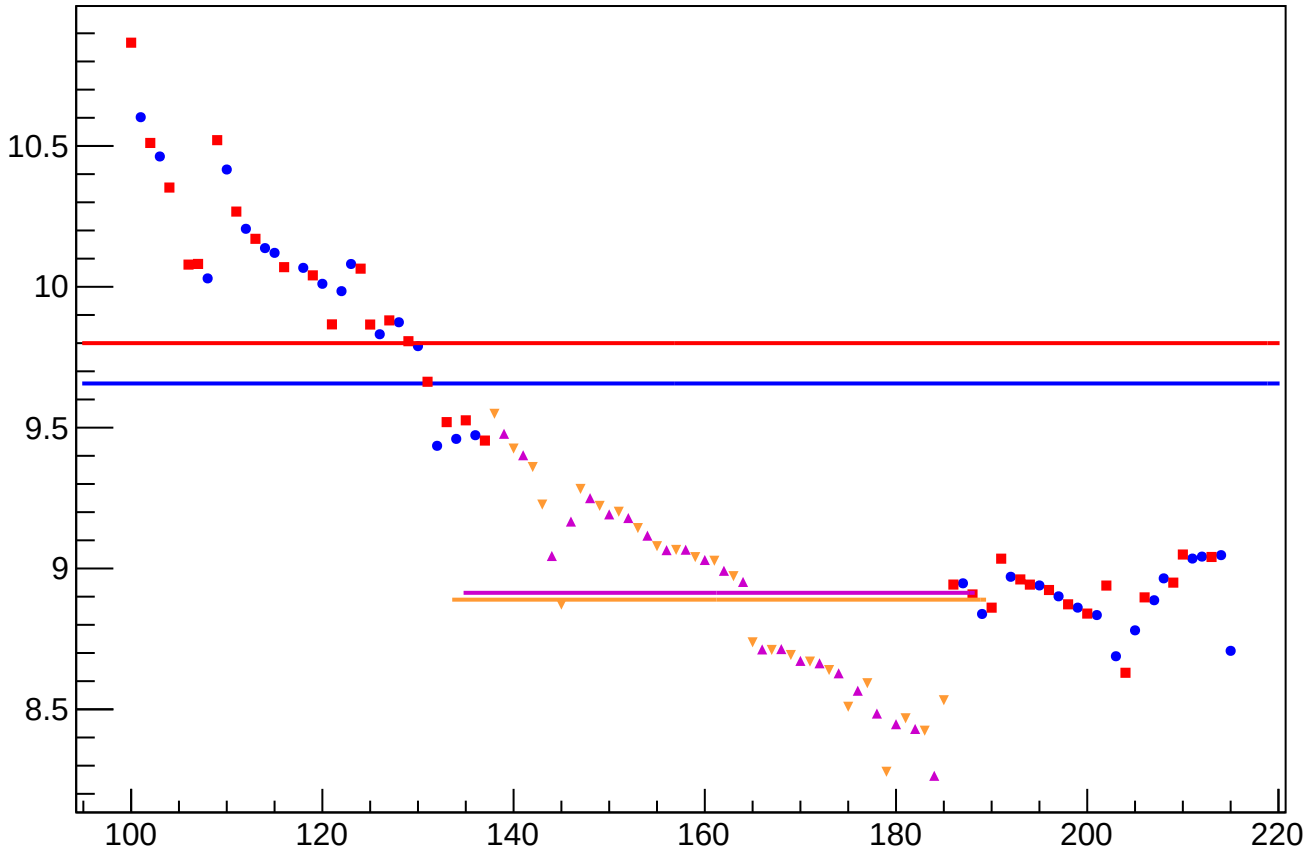
Right Out: 0.003+/-0.000 χ^2/NDF: 10307160.1/33

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: 24741904.7/113

- sign 0.002+/-0.000 χ^2/NDF: 12057780.9/56



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: 9.800+/-0.000 χ^2/NDF: 77424660555.8/33

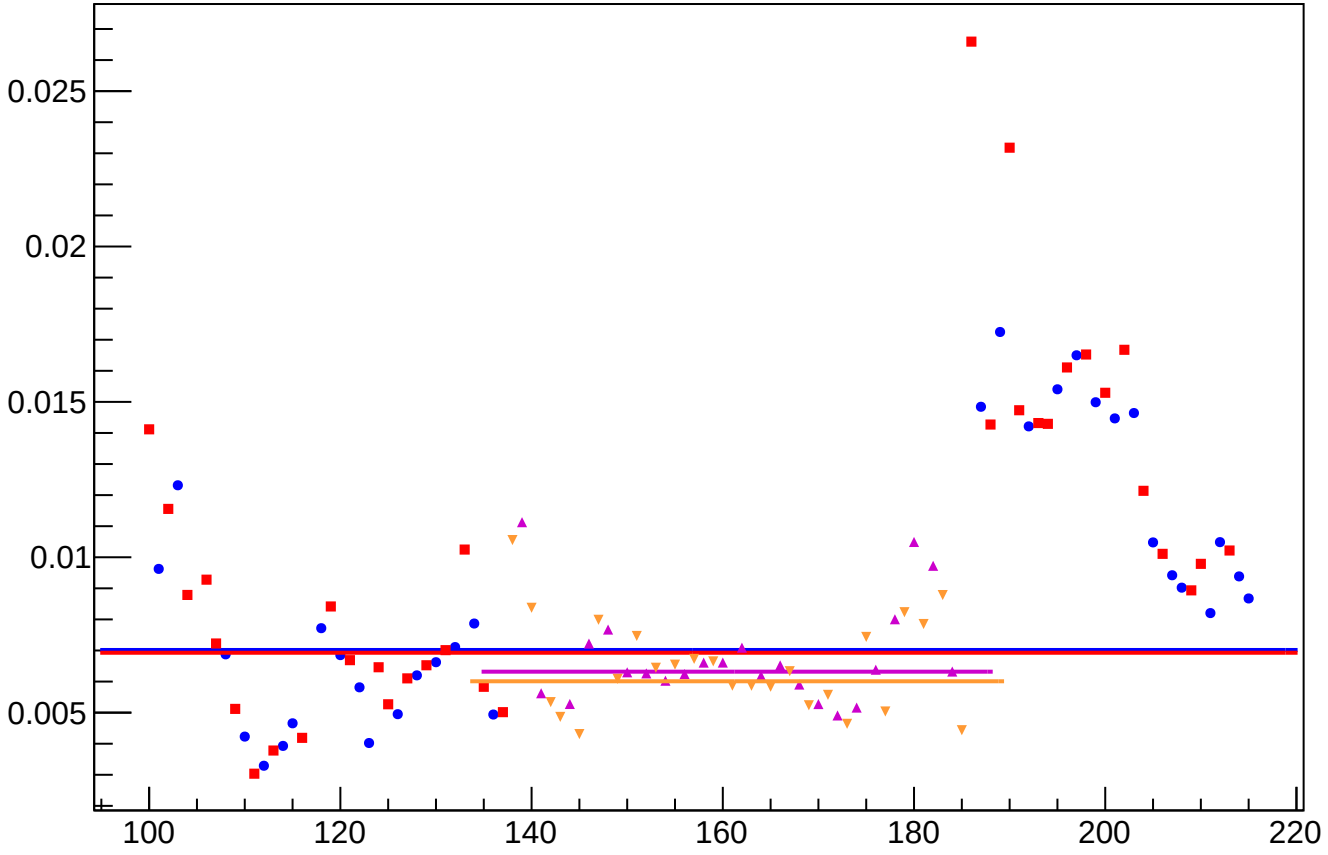
Left In: 8.914+/-0.000 χ^2/NDF:28497227562.7/22

+ sign 9.192+/-0.000 χ^2/NDF: 213133221673.4/56

All: 9.236+/-0.000 χ^2/NDF: 436732977996.5

- sign 9.286+/-0.000 χ^2/NDF: 220791313690.2/56

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: 7550874.3/33

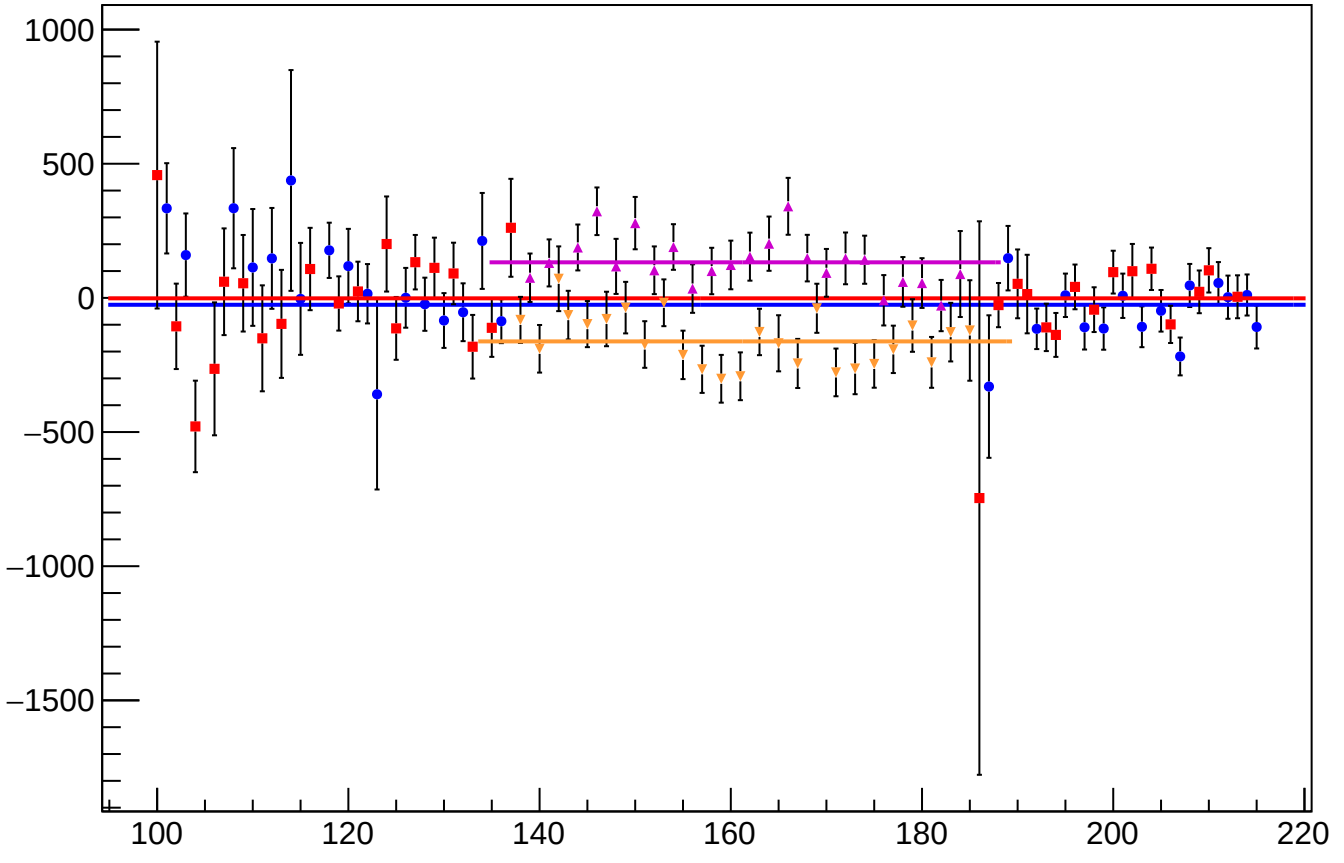
Left In: 0.006+/-0.000 χ^2/NDF:1087051.3/22

+ sign 0.006+/-0.000 χ^2/NDF: 7727549.0/56

All: 0.006+/-0.000 χ^2/NDF: 16491830.2/113

- sign 0.007+/-0.000 χ^2/NDF: 8746441.4/56

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: -1.668+/-18.673 χ^2/NDF: 36.6/33

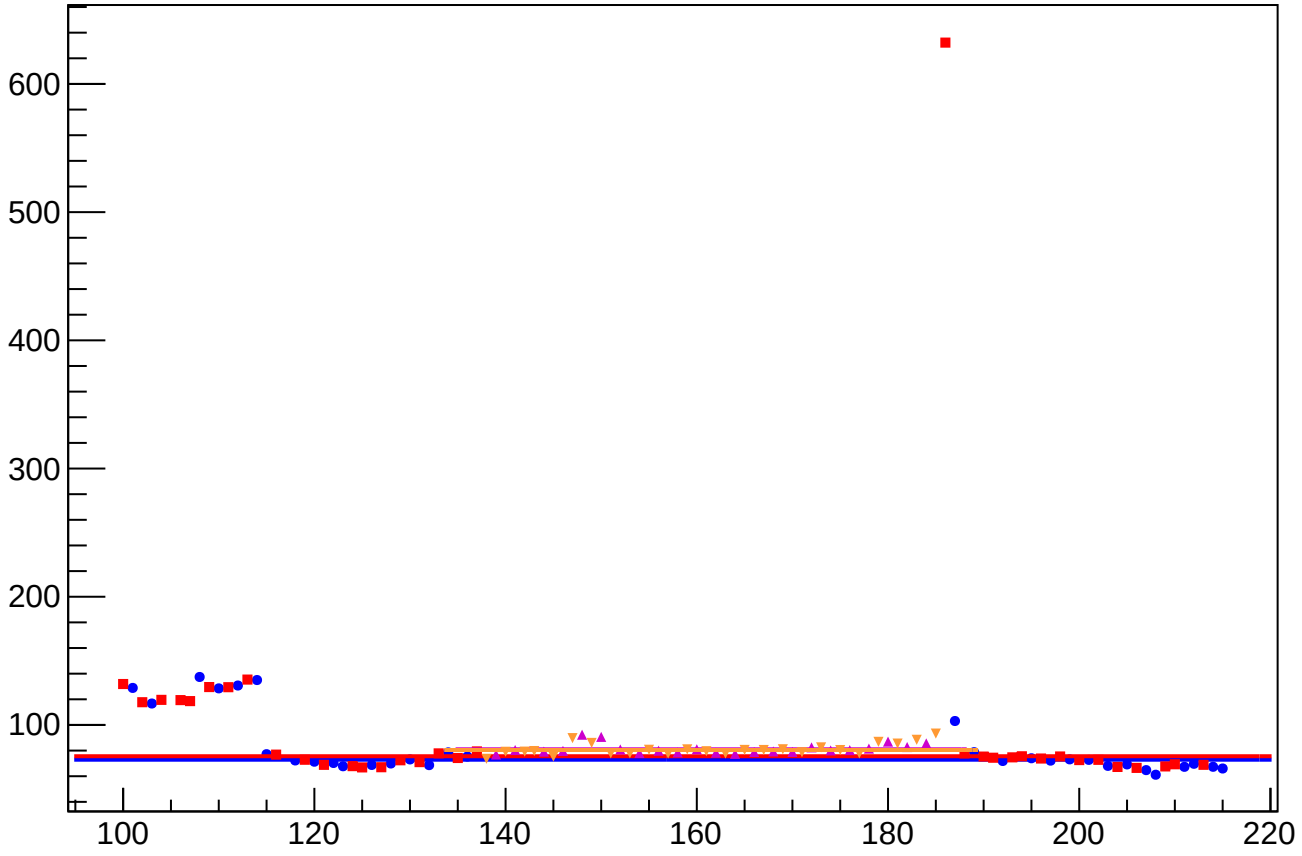
Left In: 132.557+/-19.403 χ^2/NDF:20.7/22

+ sign -90.341+/-12.903 χ^2/NDF: 92.9/56

All: -16.941+/-9.313 χ^2/NDF: 242.6/113

- sign 62.872+/-13.455 χ^2/NDF: 82.2/56

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: 75.590+/-0.013 χ^2/NDF: 1695994.5/33

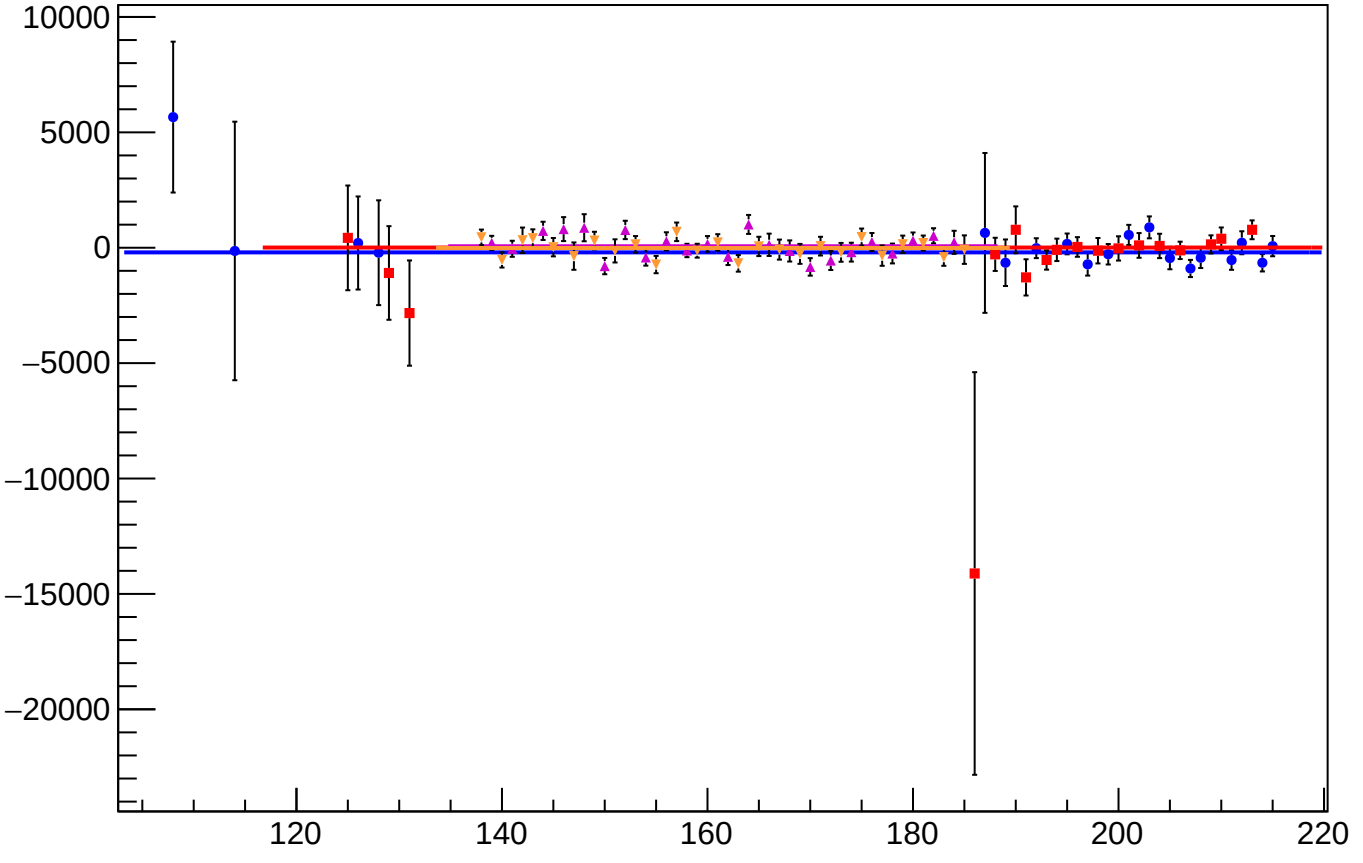
Left In: 81.014+/-0.014 χ^2/NDF:72250.2/22

+ sign 76.472+/-0.009 χ^2/NDF: 1340325.9/56

All: 77.299+/-0.007 χ^2/NDF: 3206850.3/113

- sign 78.198+/-0.010 χ^2/NDF: 1849374.0/56

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: 8.494+/-130.872 χ^2/NDF: 14.2/17

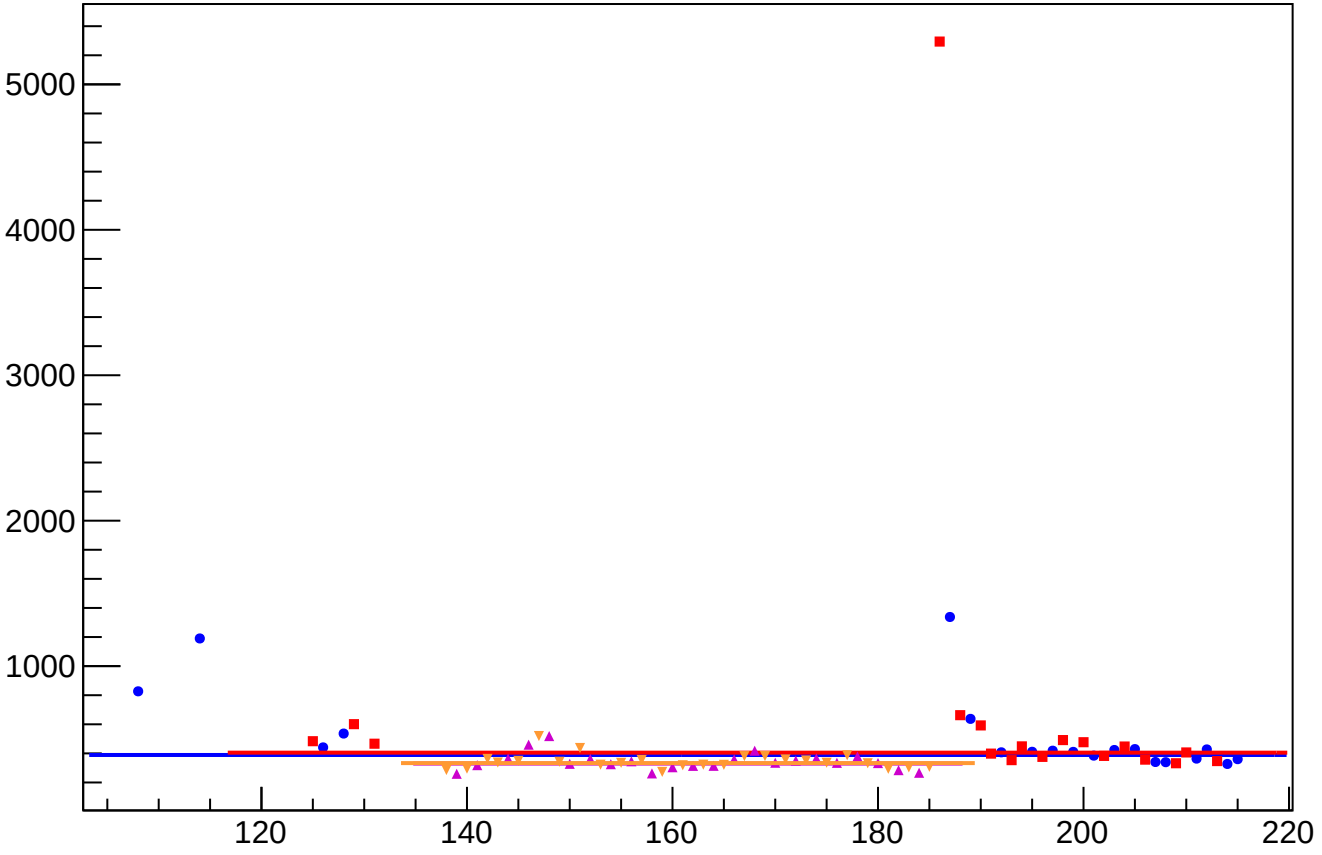
Left In: 64.591+/-80.047 χ^2/NDF:37.4/22

+ sign -67.349+/-65.656 χ^2/NDF: 45.2/43

All: -11.305+/-47.328 χ^2/NDF: 98.4/84

- sign 49.319+/-68.286 χ^2/NDF: 51.7/40

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: 405.051+/-0.093 χ^2/NDF: 1276432.4/17

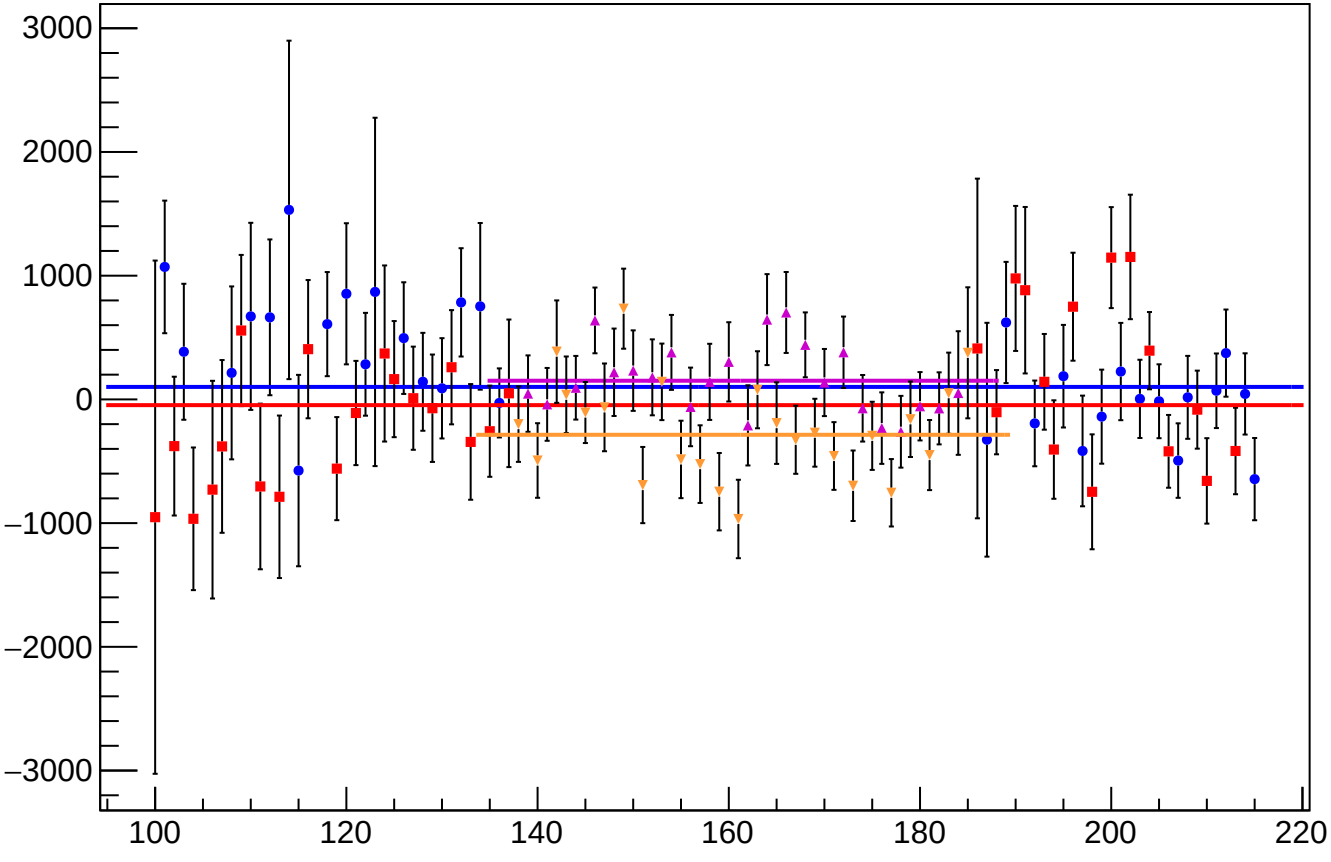
Left In: 329.985+/-0.057 χ^2/NDF:795969.0/22

+ sign 349.900+/-0.046 χ^2/NDF: 1436913.8/43

All: 350.151+/-0.033 χ^2/NDF: 3988222.6/84

- sign 350.422+/-0.048 χ^2/NDF: 2551248.1/40

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: -46.389+/-78.050 χ^2/NDF: 44.9/33

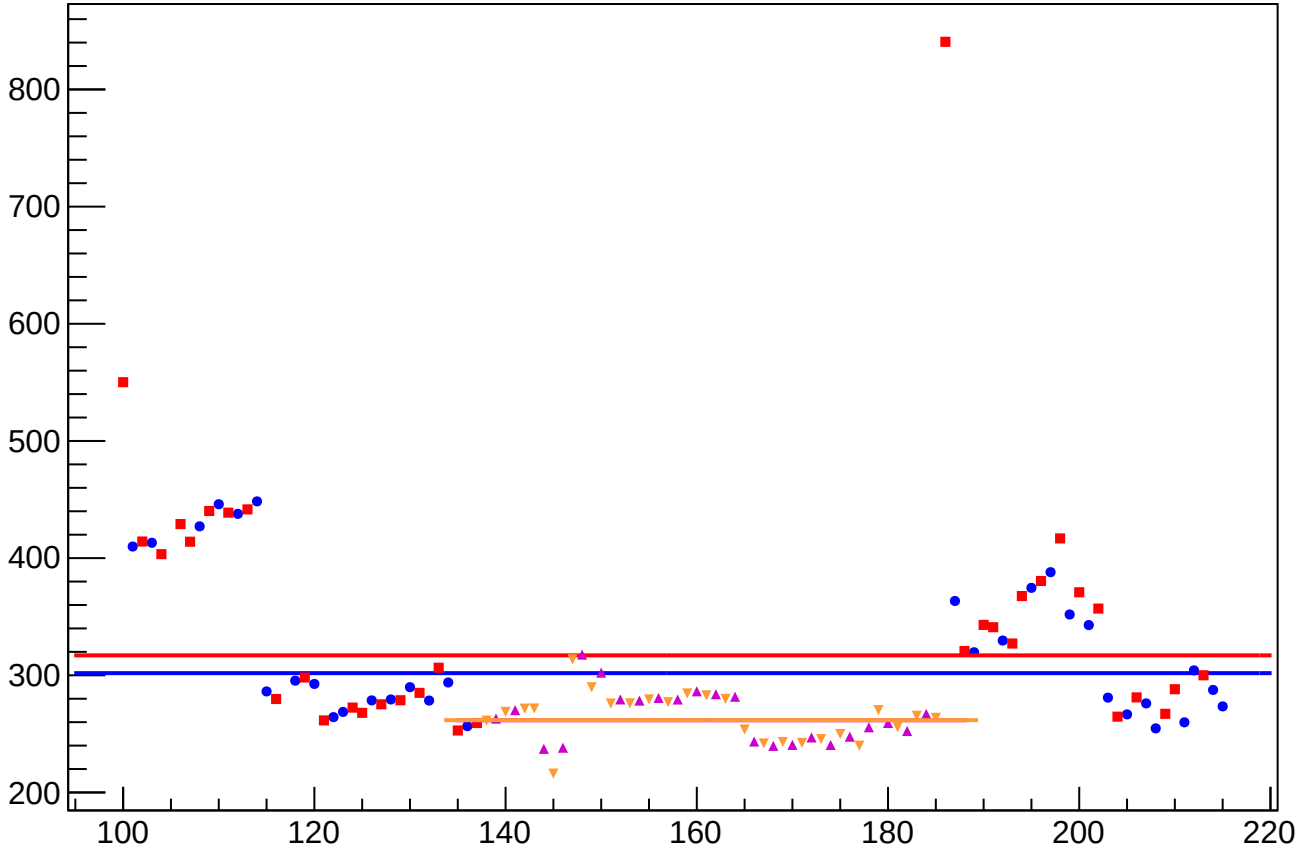
Left In: 150.920+/-62.818 χ^2/NDF:18.7/22

+ sign -128.326+/-47.024 χ^2/NDF: 81.6/56

All: -31.505+/-33.907 χ^2/NDF: 157.9/113

- sign 73.354+/-48.937 χ^2/NDF: 67.5/56

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

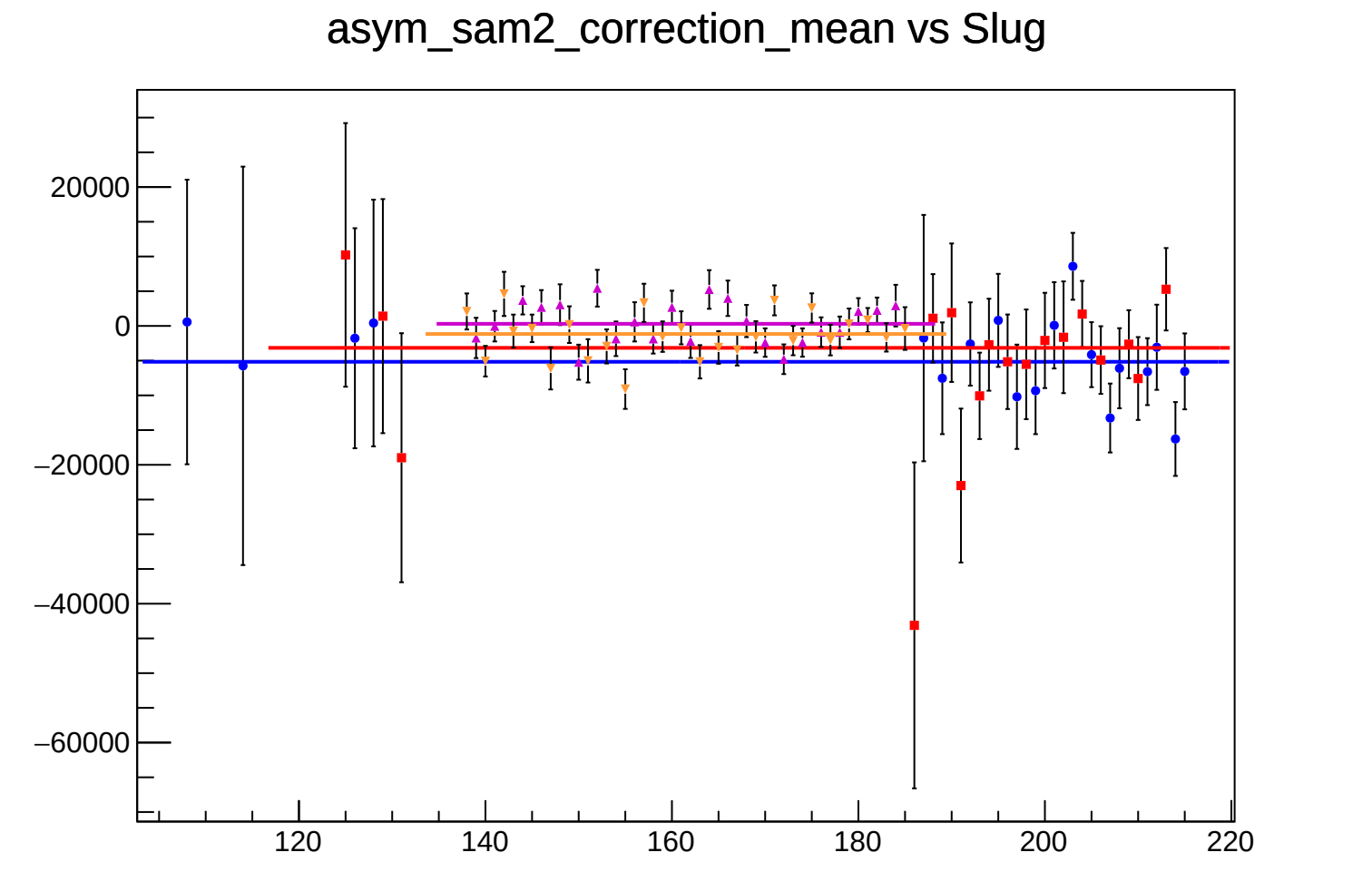
Right Out: 317.005+/-0.055 χ^2/NDF: 1291888.0/33

Left In: 261.637+/-0.044 χ^2/NDF:228241.3/22

+ sign 278.072+/-0.033 χ^2/NDF: 1456794.3/56

All: 280.631+/-0.024 χ^2/NDF: 3600077.0/113

- sign 283.403+/-0.035 χ^2/NDF: 2130942.8/56



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: -3157.362+/-1663.635 χ^2/NDF: 13.4/17

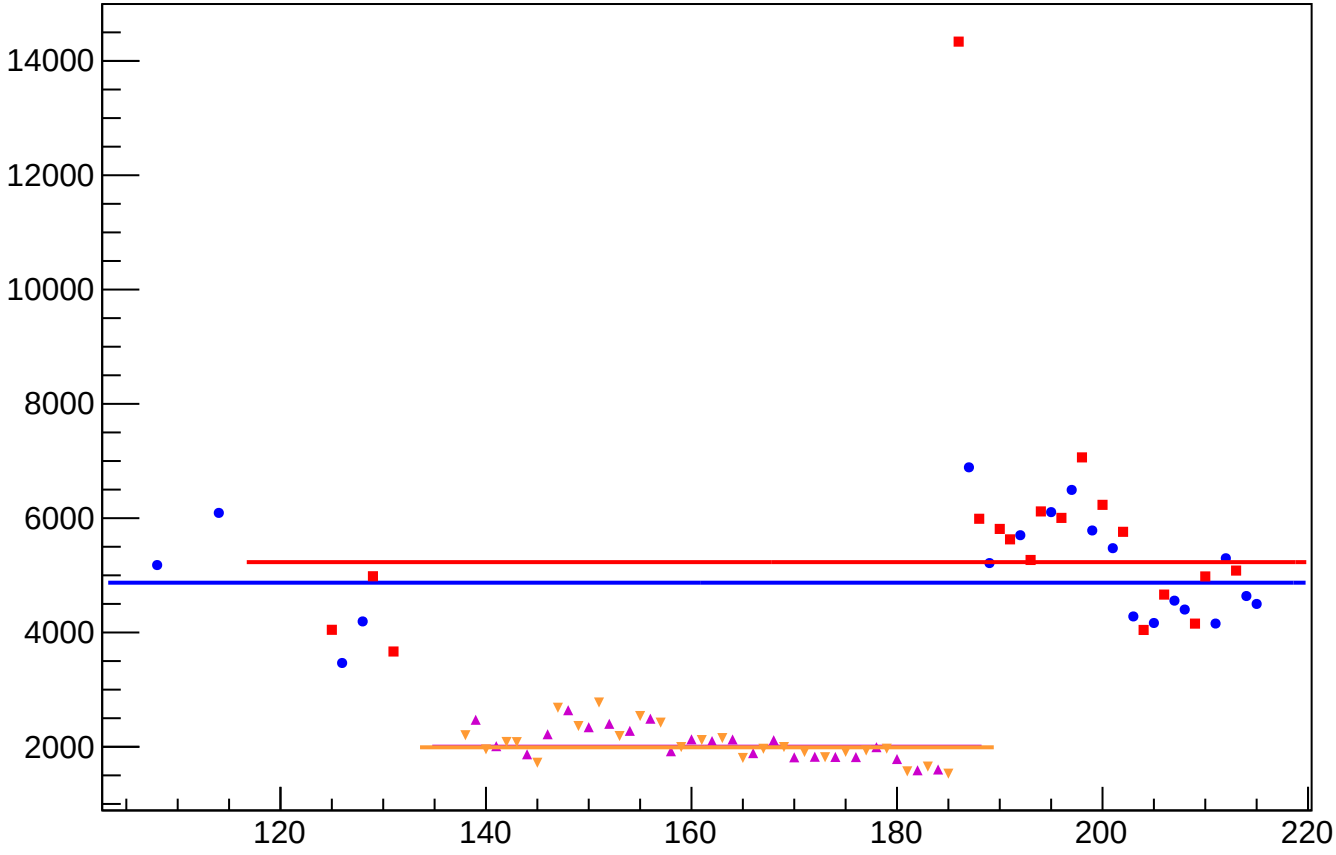
Left In: 304.366+/-483.778 χ^2/NDF:35.4/22

+ sign -1519.634+/-447.558 χ^2/NDF: 63.7/43

All: -771.505+/-322.306 χ^2/NDF: 122.3/84

- sign 34.458+/-464.536 χ^2/NDF: 52.7/40

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: 5231.026+/-1.176 χ^2/NDF: 835433.4/17

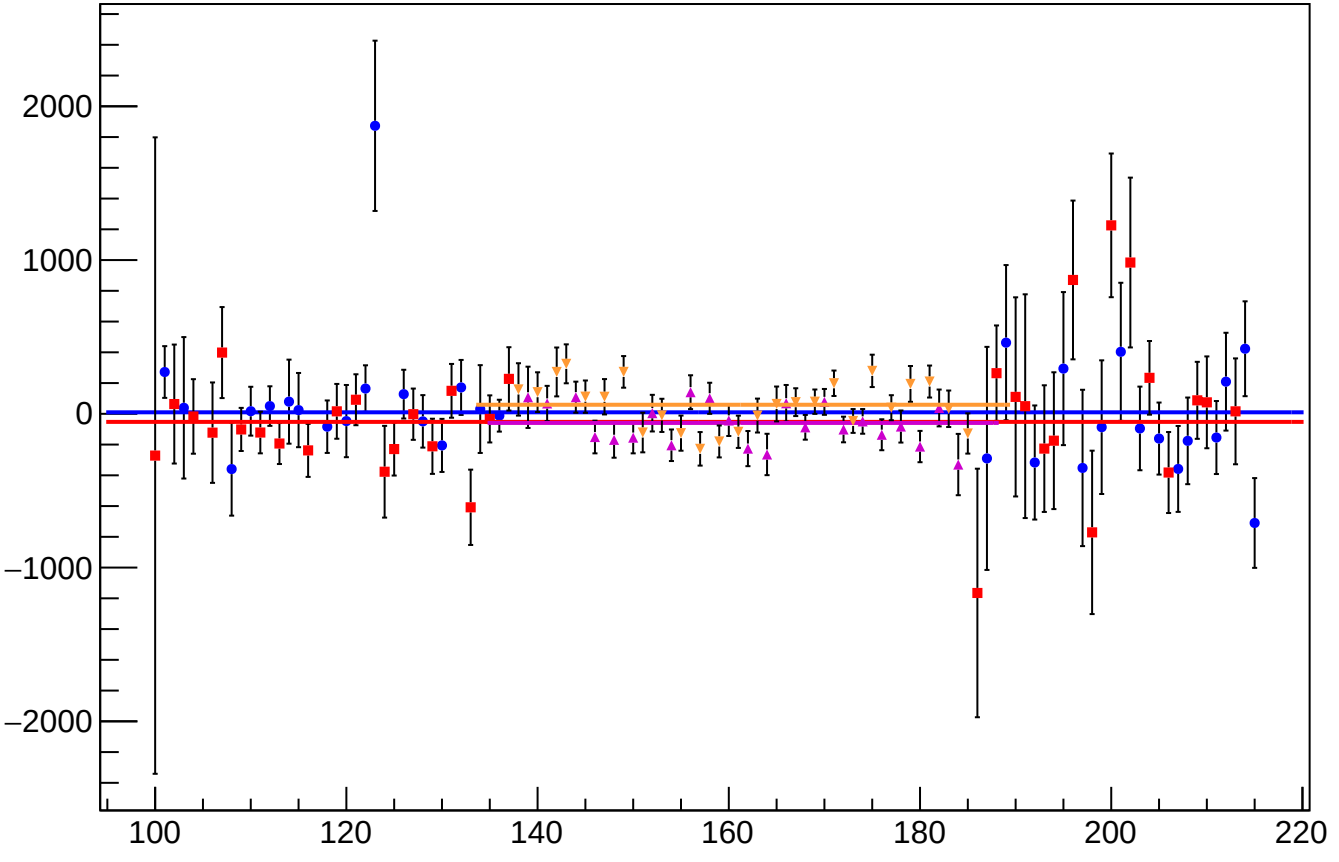
Left In: 2002.154+/-0.342 χ^2/NDF:585947.4/22

+ sign 2248.835+/-0.316 χ^2/NDF: 7951833.6/43

All: 2251.276+/-0.228 χ^2/NDF: 16319760.9/8

- sign 2253.906+/-0.328 χ^2/NDF: 8367803.8/40

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: -52.460+/-39.367 χ^2/NDF: 40.3/33

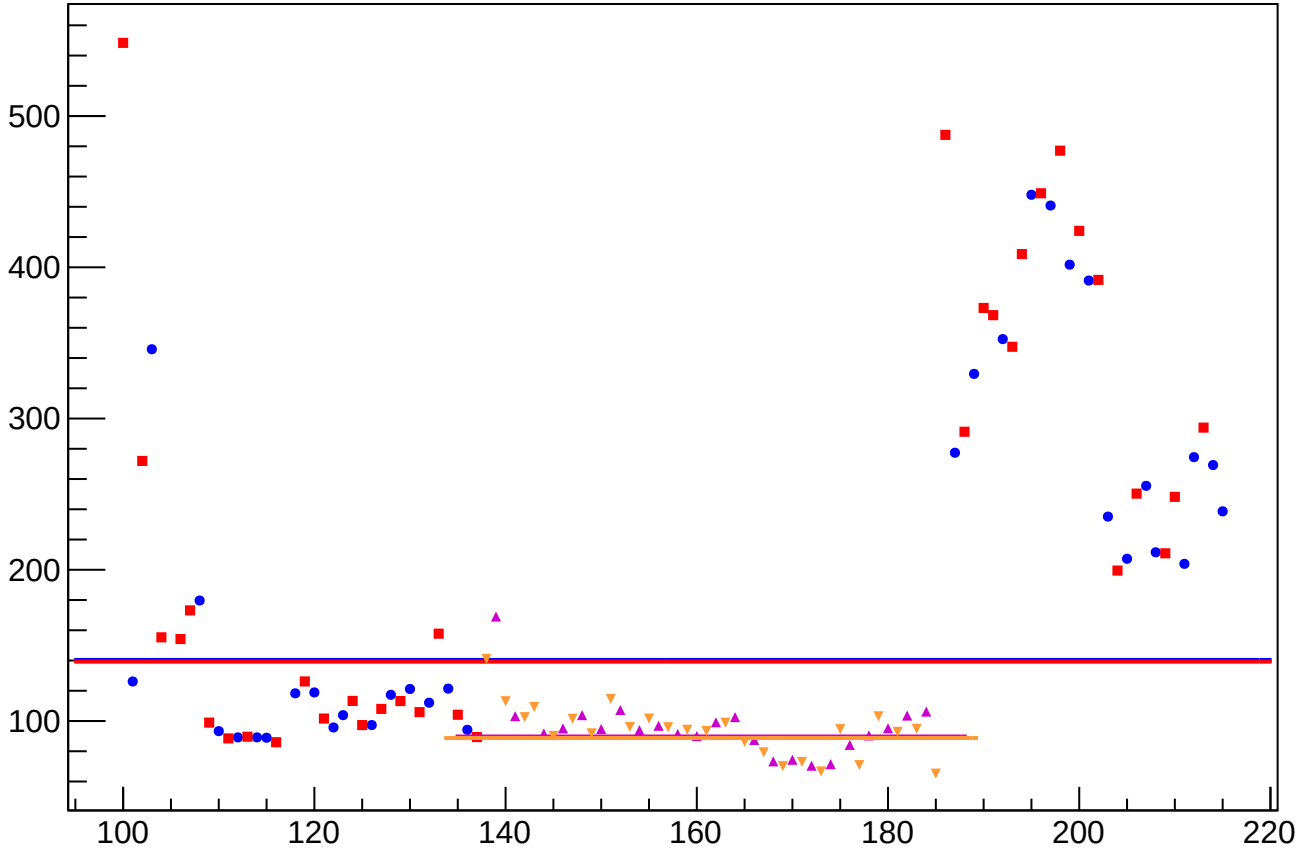
Left In: -59.235+/-21.921 χ^2/NDF:29.4/22

+ sign 47.742+/-18.564 χ^2/NDF: 83.1/56

All: -3.302+/-13.330 χ^2/NDF: 168.4/113

- sign -57.631+/-19.152 χ^2/NDF: 69.7/56

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: 139.259+/-0.028 χ^2/NDF: 8494304.9/33

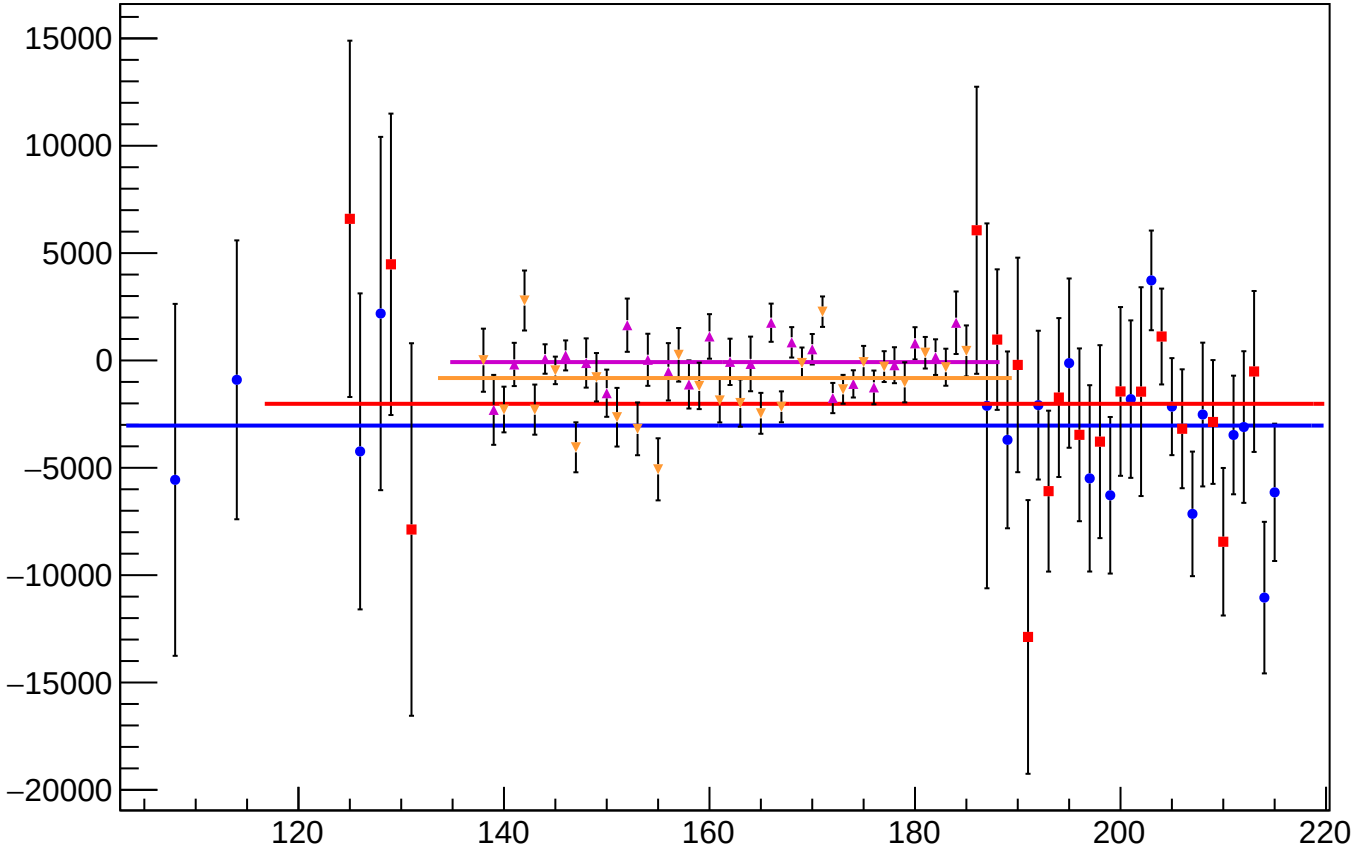
Left In: 89.766+/-0.016 χ^2/NDF:885818.0/22

+ sign 100.553+/-0.013 χ^2/NDF: 11568606.0/56

All: 101.002+/-0.009 χ^2/NDF: 23364104.2/11

- sign 101.480+/-0.014 χ^2/NDF: 11793084.6/56

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: -2019.540+/-913.490 χ^2/NDF: 15.1/17

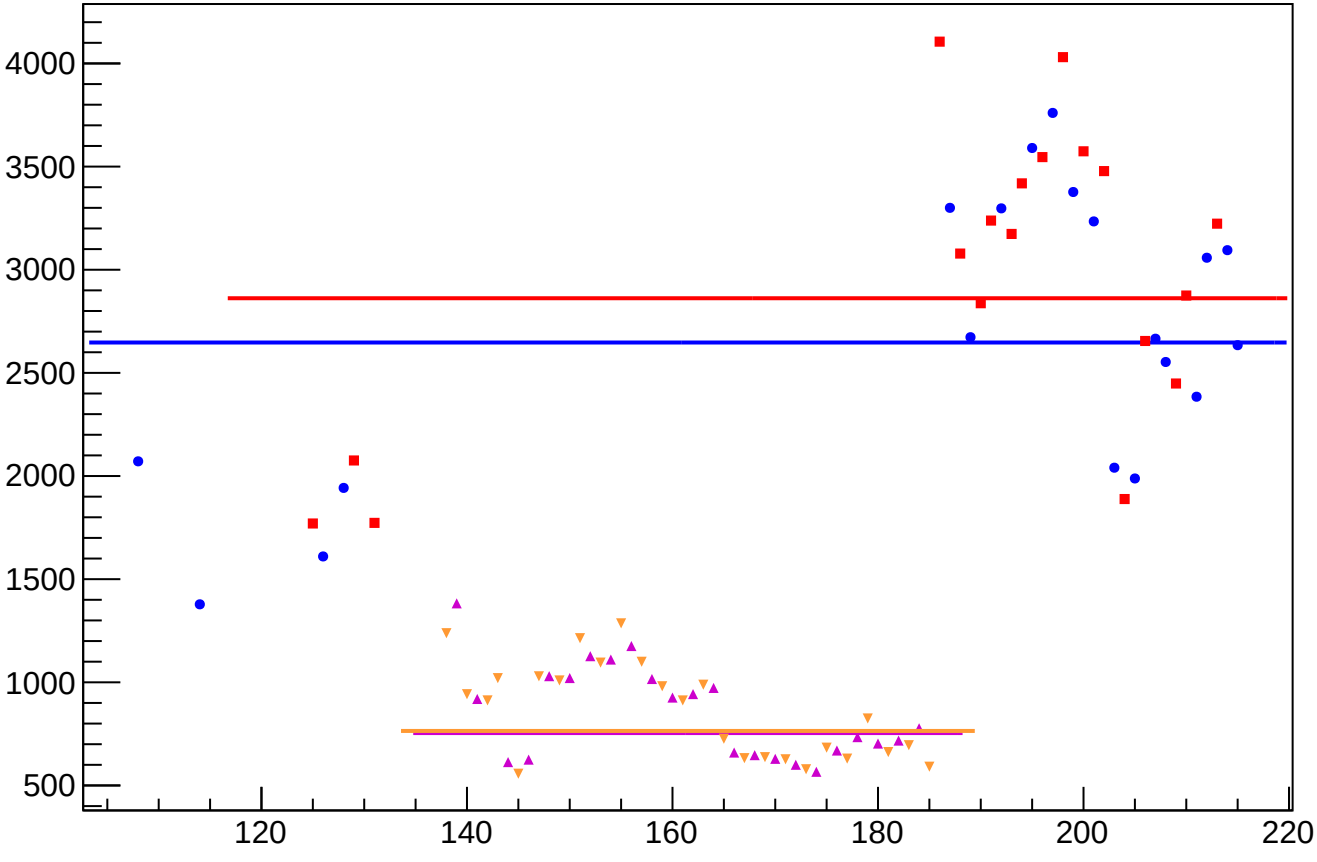
Left In: -76.204+/-186.651 χ^2/NDF:28.3/22

\+ sign -924.613+/-180.006 χ^2/NDF: 94.4/43

All: -545.436+/-128.285 χ^2/NDF: 151.2/84

\- sign -154.086+/-182.872 χ^2/NDF: 47.7/40

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: 2861.822+/-0.646 χ^2/NDF: 977557.9/17

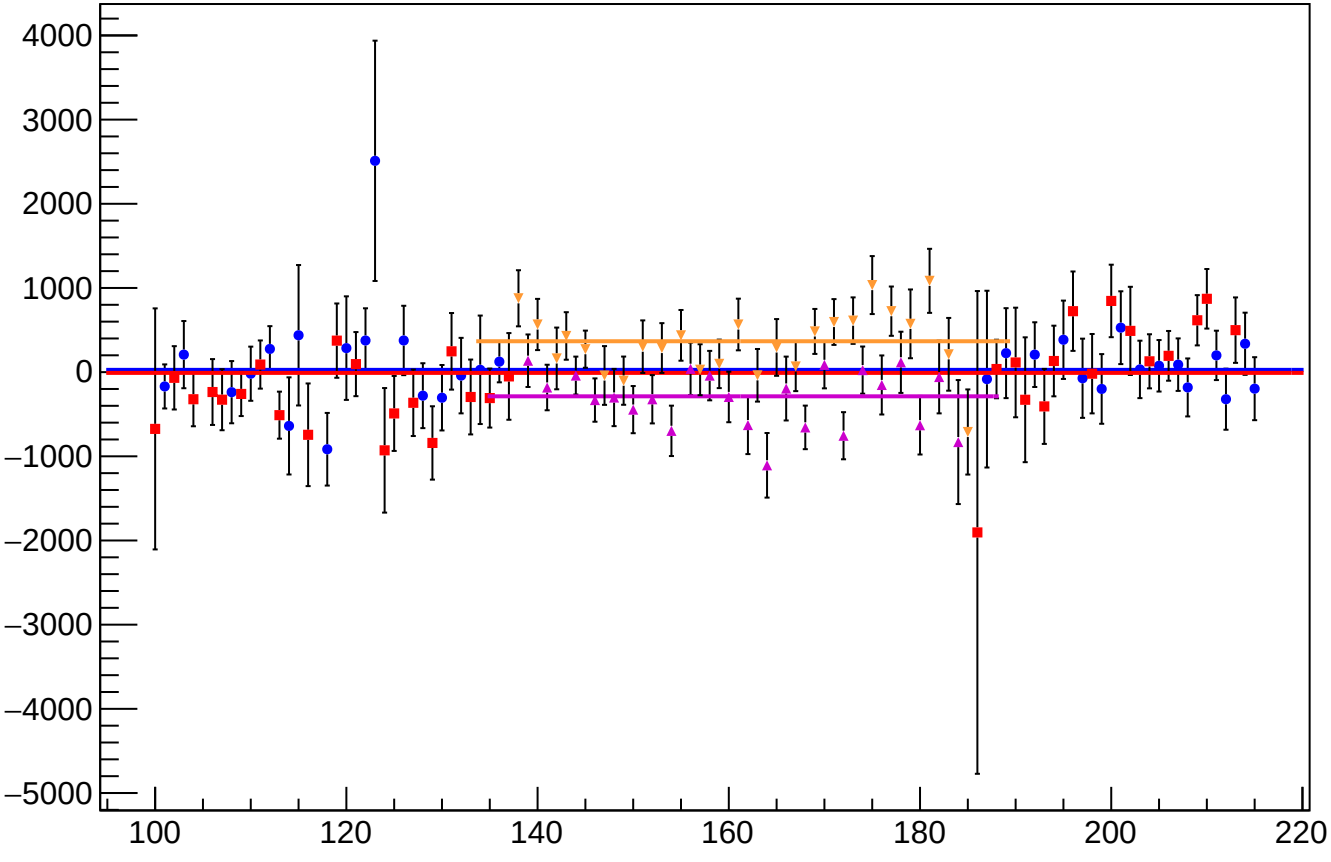
Left In: 754.027+/-0.132 χ^2/NDF:2013386.7/22

+ sign 854.196+/-0.127 χ^2/NDF: 13253732.3/43

All: 846.472+/-0.091 χ^2/NDF: 26473700.5/84

- sign 838.500+/-0.129 χ^2/NDF: 13212484.5/40

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: -8.868+/-68.324 χ^2/NDF: 39.3/33

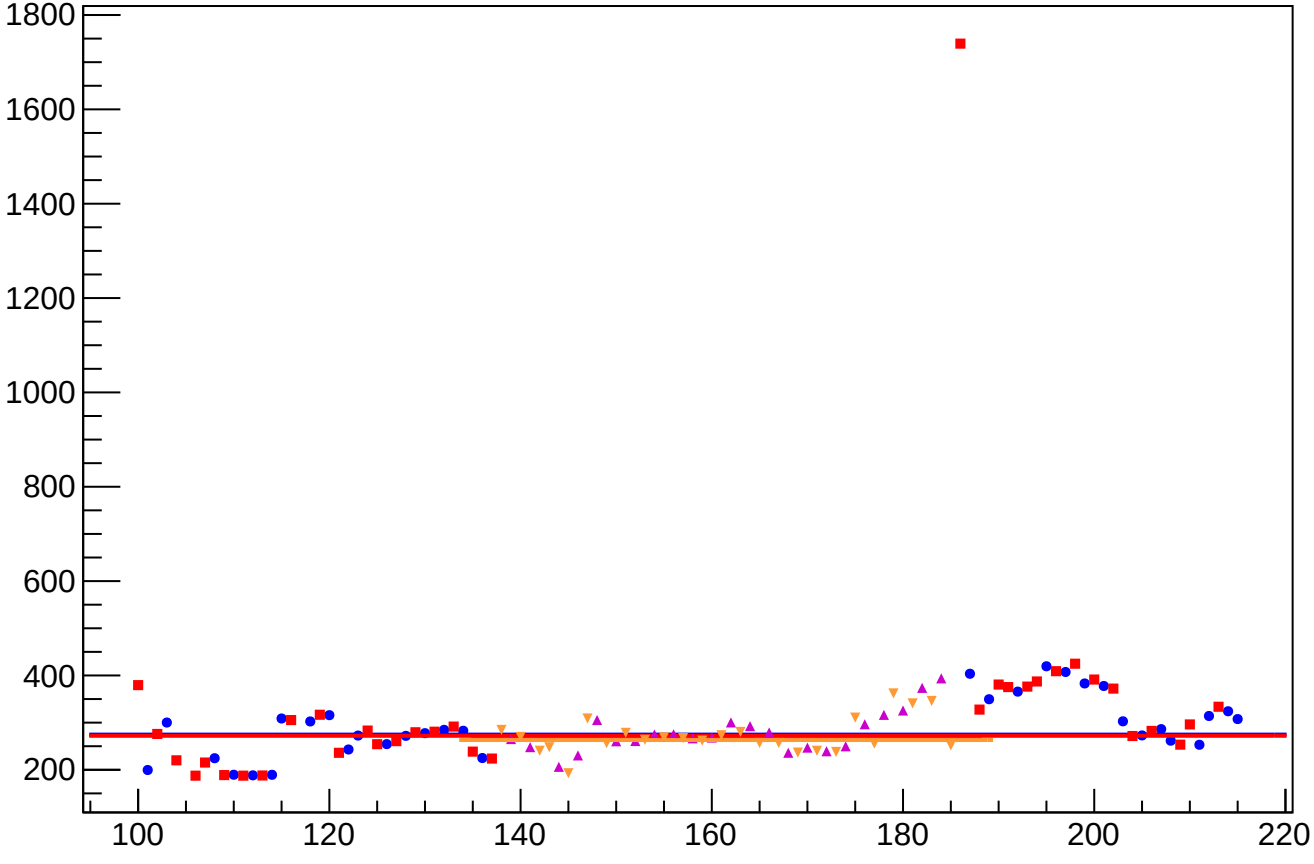
Left In: -287.246+/-64.141 χ^2/NDF:23.9/22

+ sign 212.314+/-45.725 χ^2/NDF: 62.1/56

All: 31.879+/-32.694 χ^2/NDF: 166.0/113

- sign -156.840+/-46.763 χ^2/NDF: 72.0/56

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: 272.132+/-0.048 χ^2/NDF: 2457373.7/33

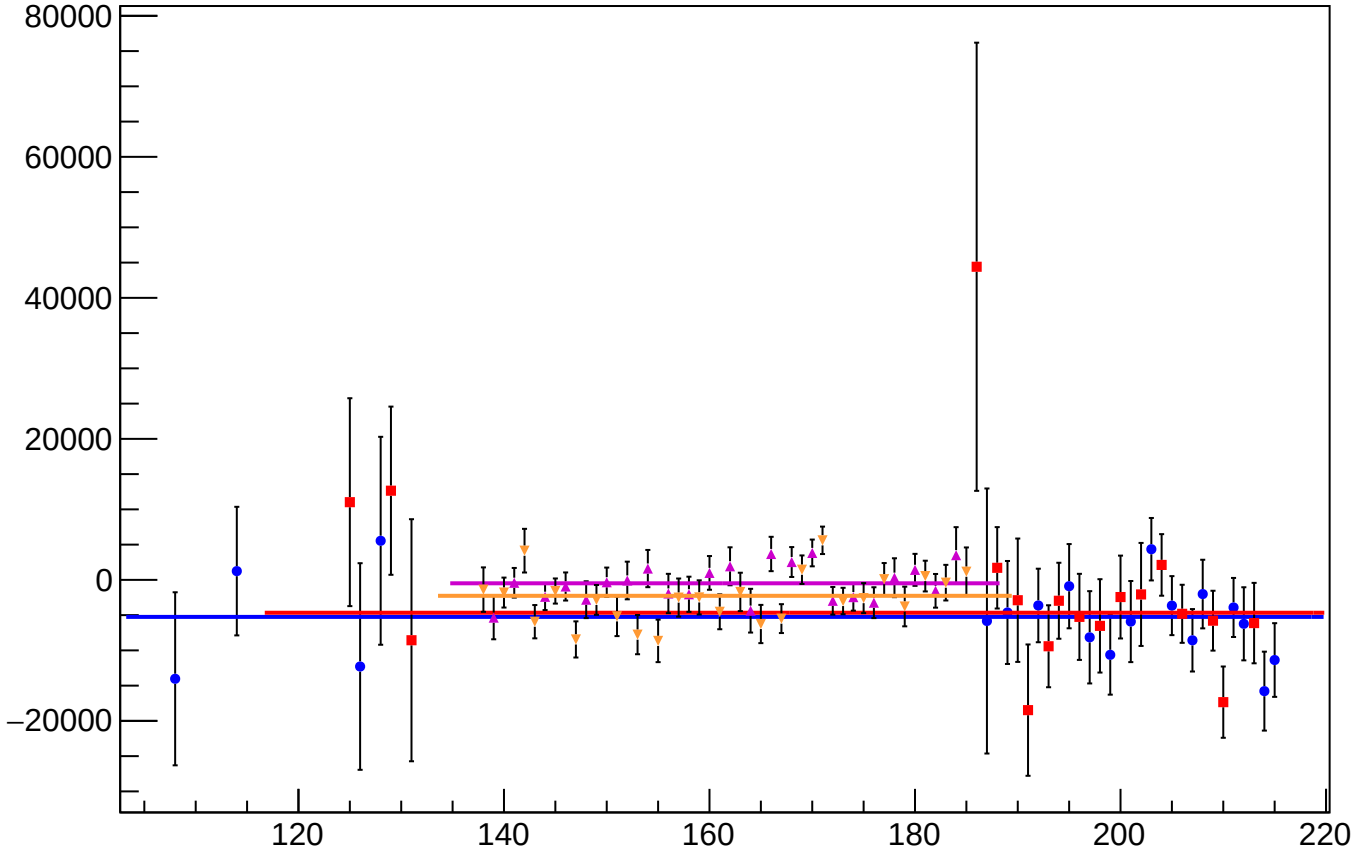
Left In: 264.923+/-0.045 χ^2/NDF:609024.7/22

+ sign 268.335+/-0.032 χ^2/NDF: 2282956.8/56

All: 268.318+/-0.023 χ^2/NDF: 5361192.6/113

- sign 268.300+/-0.033 χ^2/NDF: 3078235.2/56

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: -4661.303+/-1460.518 χ^2/NDF: 19.1/17

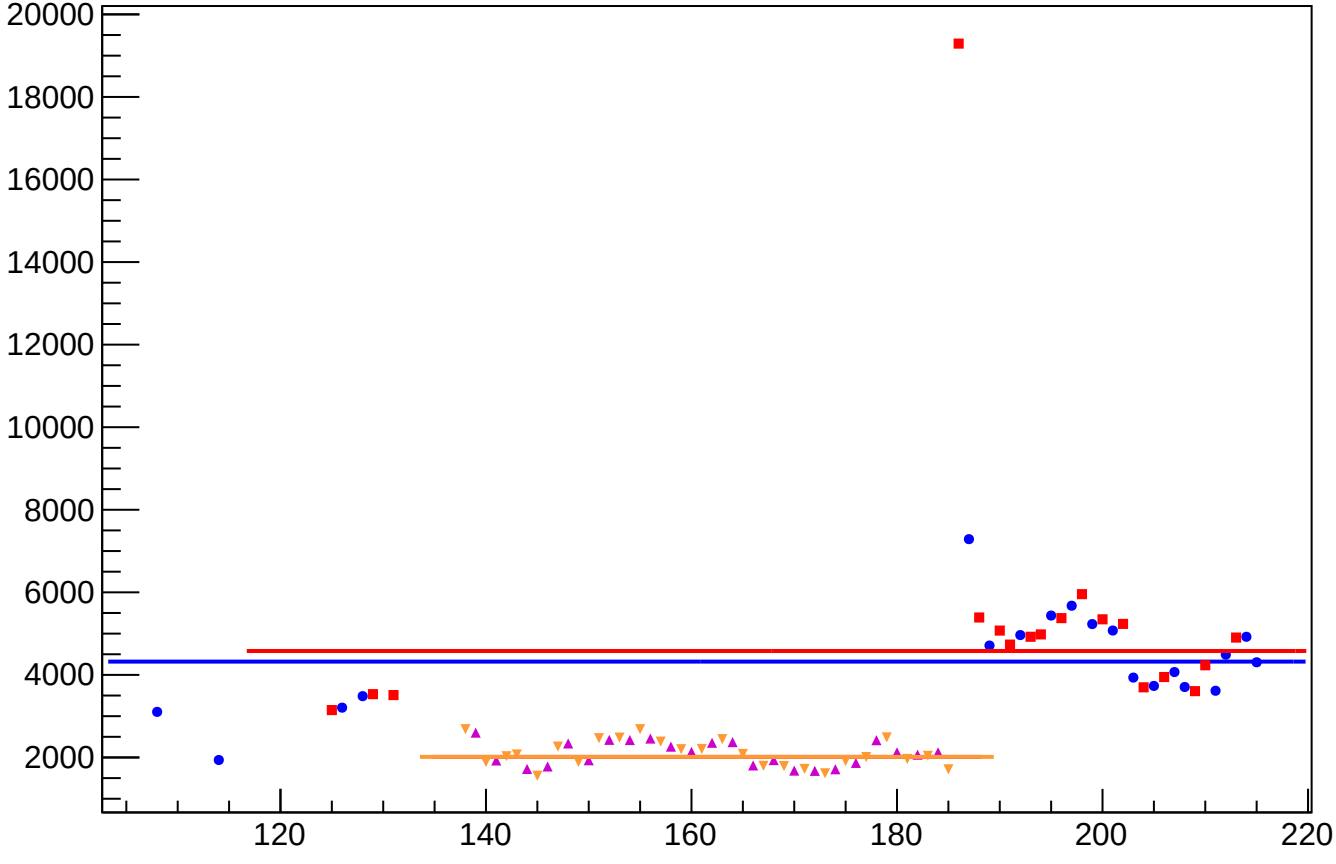
Left In: -485.590+/-487.465 χ^2/NDF:24.8/22

+ sign -2597.872+/-447.698 χ^2/NDF: 71.2/43

All: -1778.337+/-321.639 χ^2/NDF: 129.4/84

- sign -904.128+/-462.391 χ^2/NDF: 51.2/40

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: 4579.156+/-1.033 χ^2/NDF: 954937.3/17

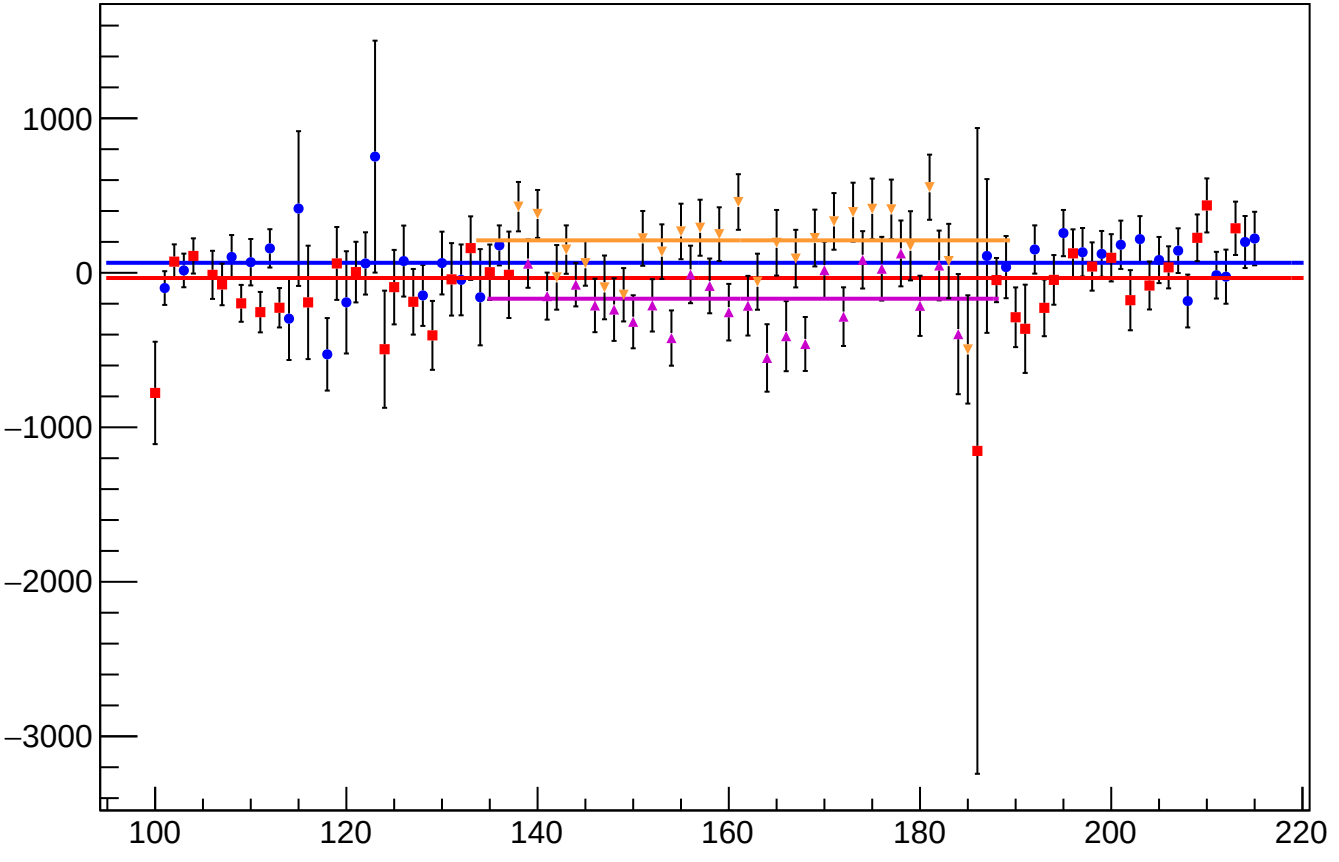
Left In: 2013.245+/-0.345 χ^2/NDF:662077.8/22

+ sign 2274.687+/-0.317 χ^2/NDF: 6836259.9/43

All: 2272.627+/-0.227 χ^2/NDF: 14007668.3/8

- sign 2270.430+/-0.327 χ^2/NDF: 7171320.8/40

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: -33.746+/-29.239 χ^2/NDF: 41.8/33

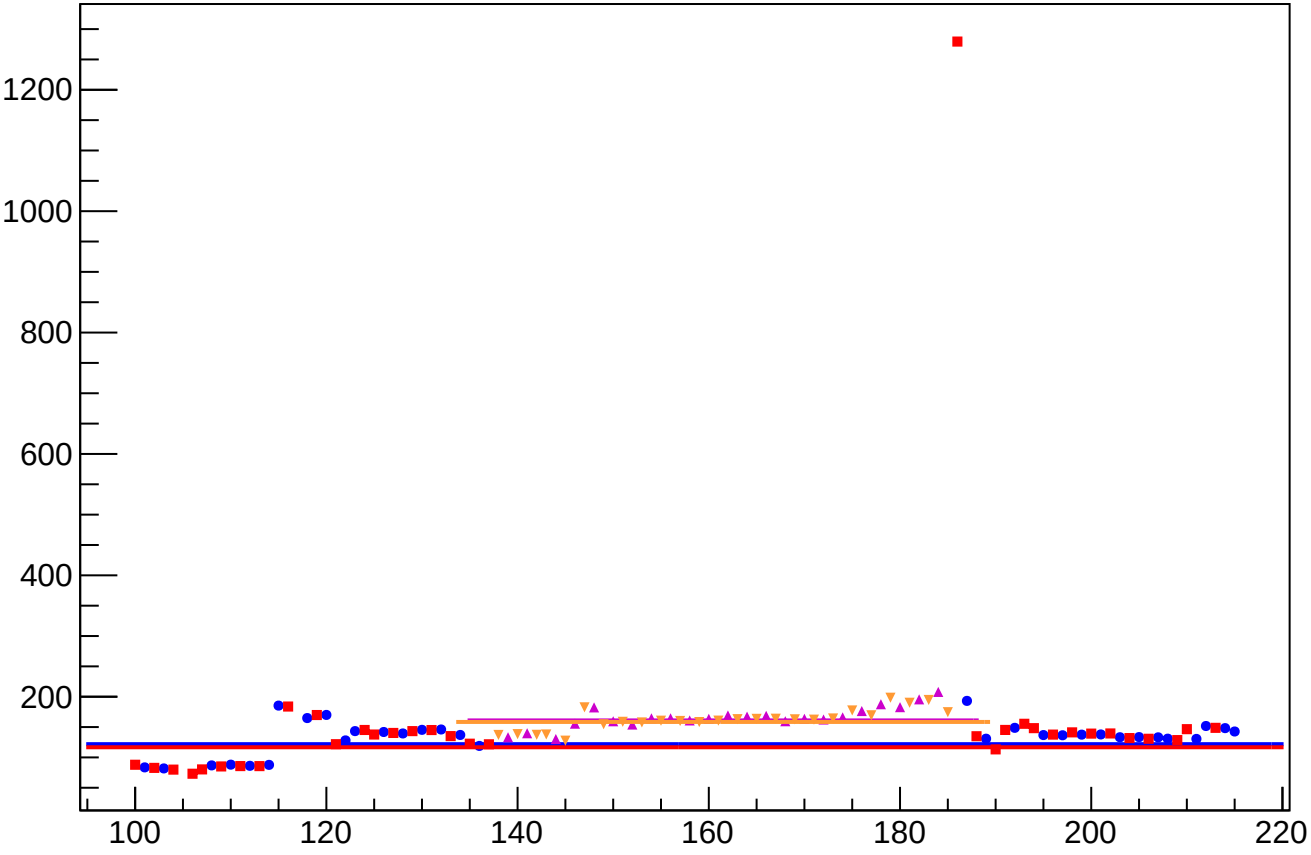
Left In: -167.822+/-38.718 χ^2/NDF:21.1/22

+ sign 122.069+/-23.299 χ^2/NDF: 61.0/56

All: 19.965+/-16.487 χ^2/NDF: 170.1/113

- sign -82.440+/-23.333 χ^2/NDF: 70.6/56

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: 116.705+/-0.021 χ^2/NDF: 2553871.8/33

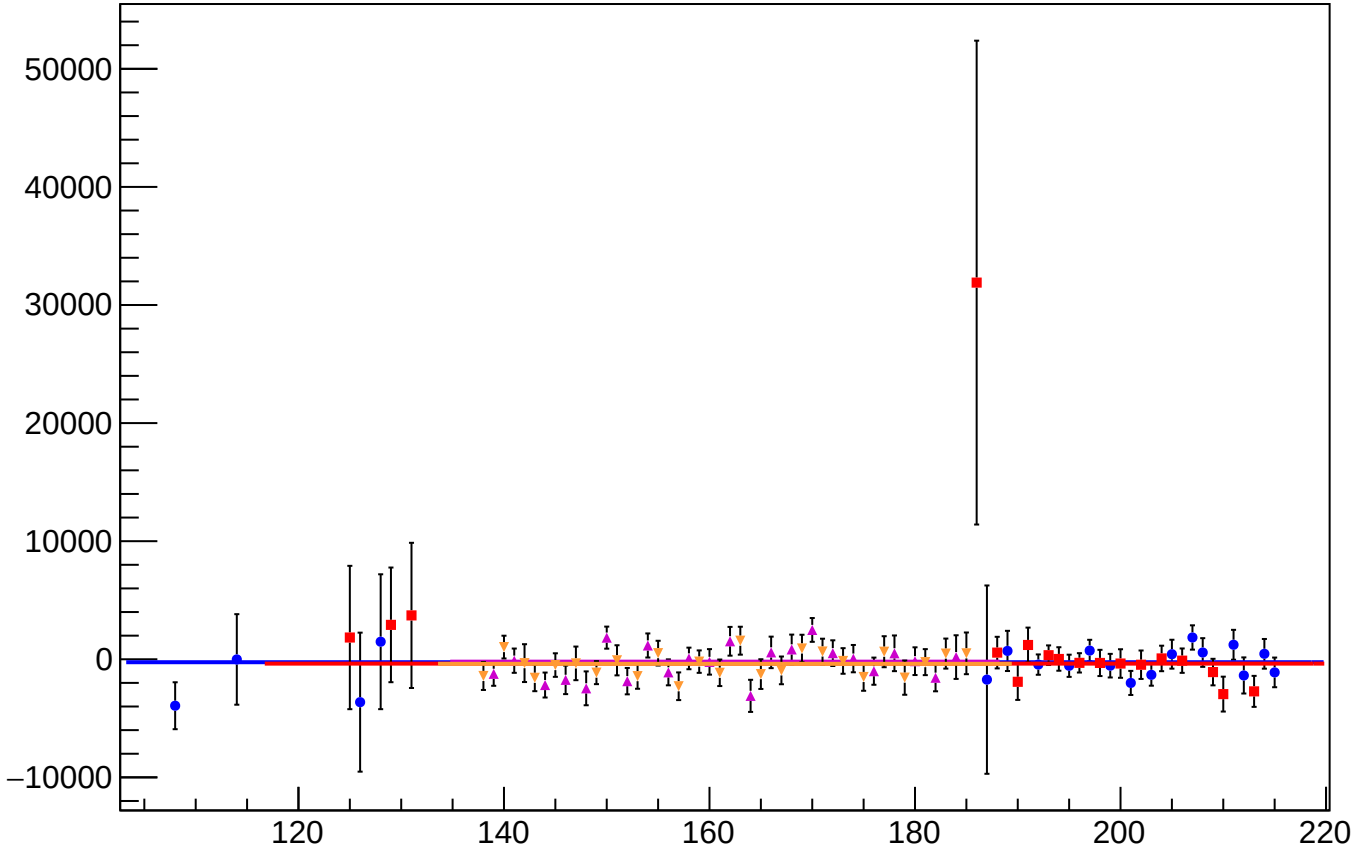
Left In: 160.947+/-0.027 χ^2/NDF:379713.4/22

+ sign 136.270+/-0.016 χ^2/NDF: 3152837.9/56

All: 134.524+/-0.012 χ^2/NDF: 7771895.1/113

- sign 132.773+/-0.016 χ^2/NDF: 4596567.2/56

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: -368.797+/-297.398 χ^2/NDF: 14.0/17

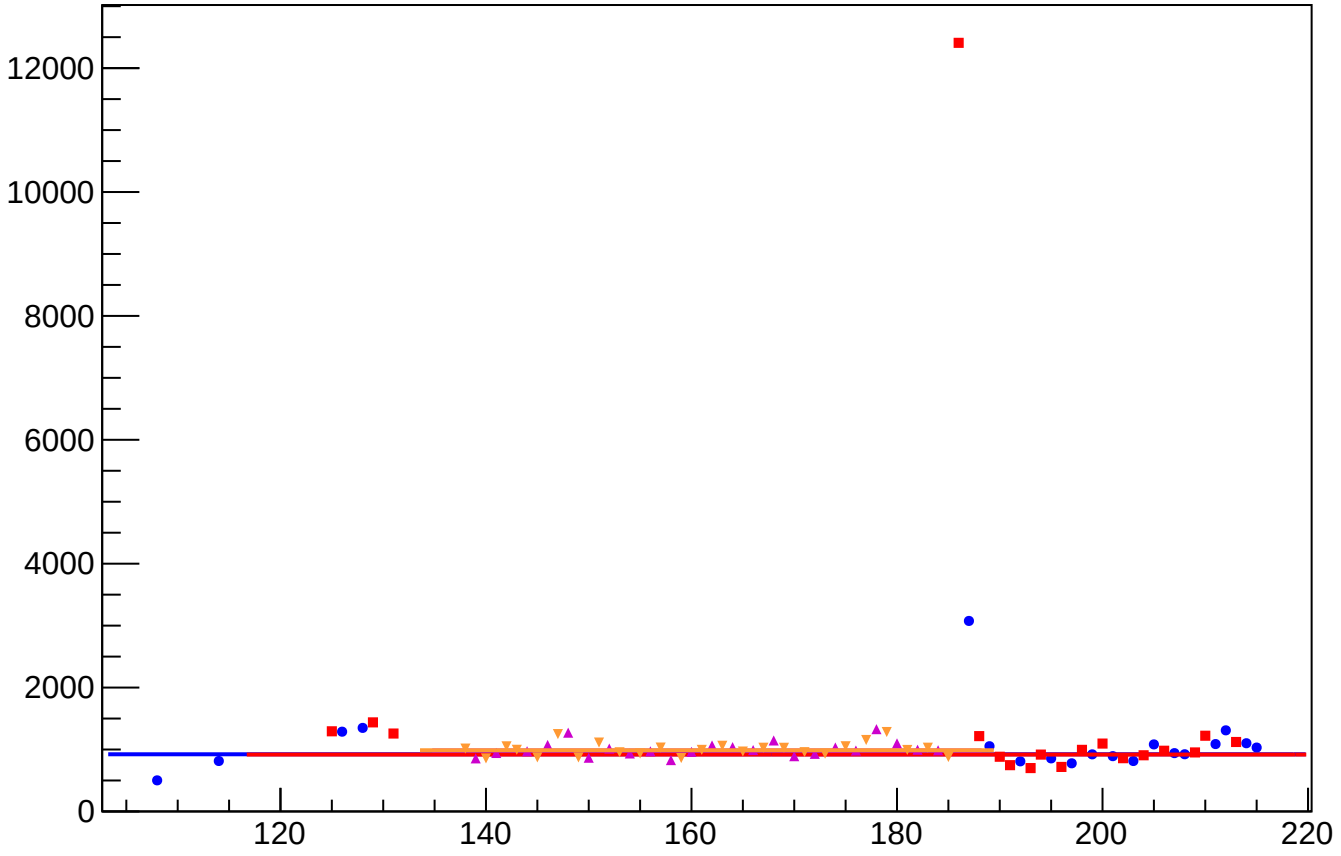
Left In: -202.234+/-237.460 χ^2/NDF:35.5/22

+ sign -331.346+/-180.237 χ^2/NDF: 35.7/43

All: -300.149+/-129.289 χ^2/NDF: 85.4/84

- sign -267.081+/-185.564 χ^2/NDF: 49.6/40

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: 918.619+/-0.210 χ^2/NDF: 1248760.4/17

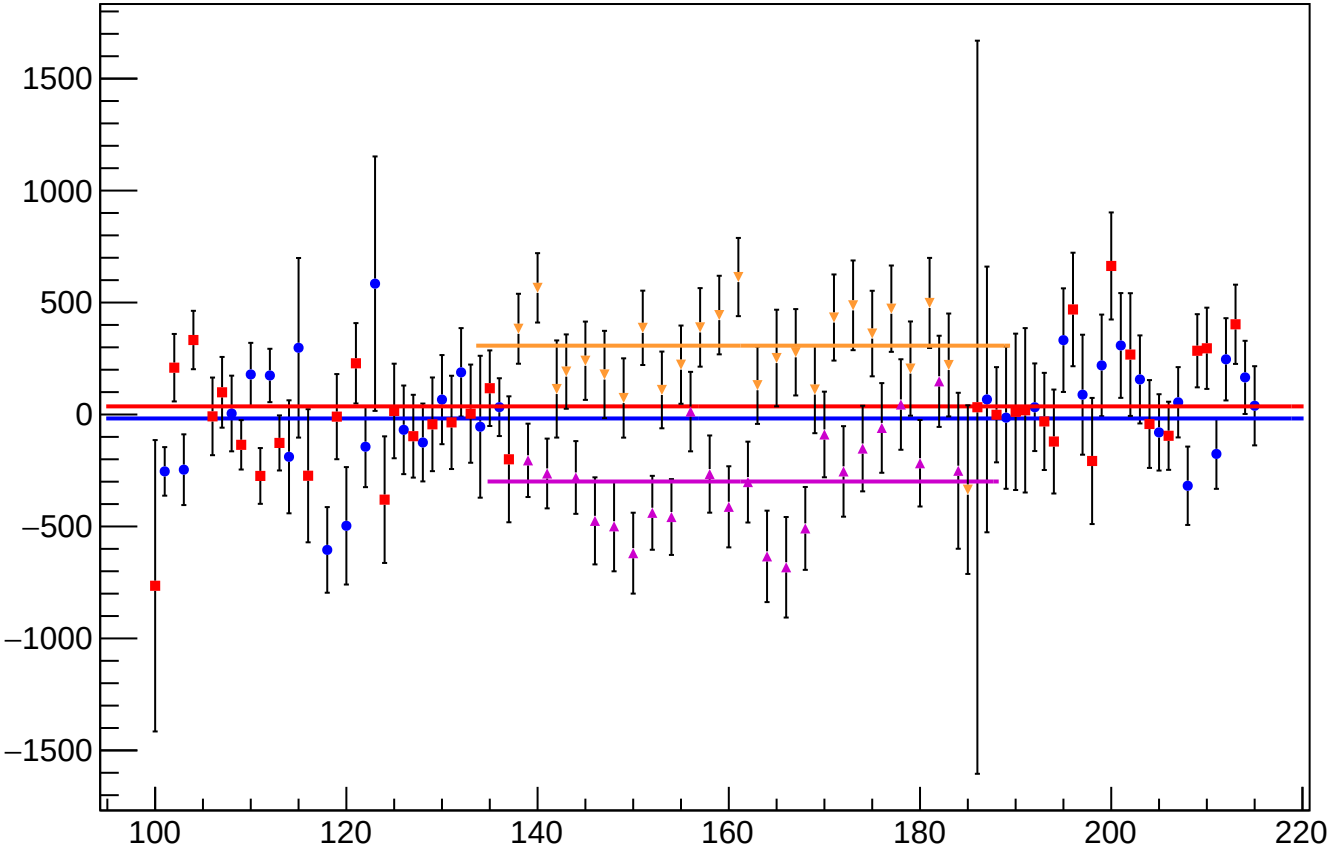
Left In: 983.893+/-0.168 χ^2/NDF:416265.7/22

+ sign 962.249+/-0.127 χ^2/NDF: 1083579.9/43

All: 960.419+/-0.091 χ^2/NDF: 2807867.8/84

- sign 958.480+/-0.131 χ^2/NDF: 1723863.4/40

reg_asym_sam6_mean vs Slug



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: 36.304+/-32.516 χ^2/NDF: 46.2/33

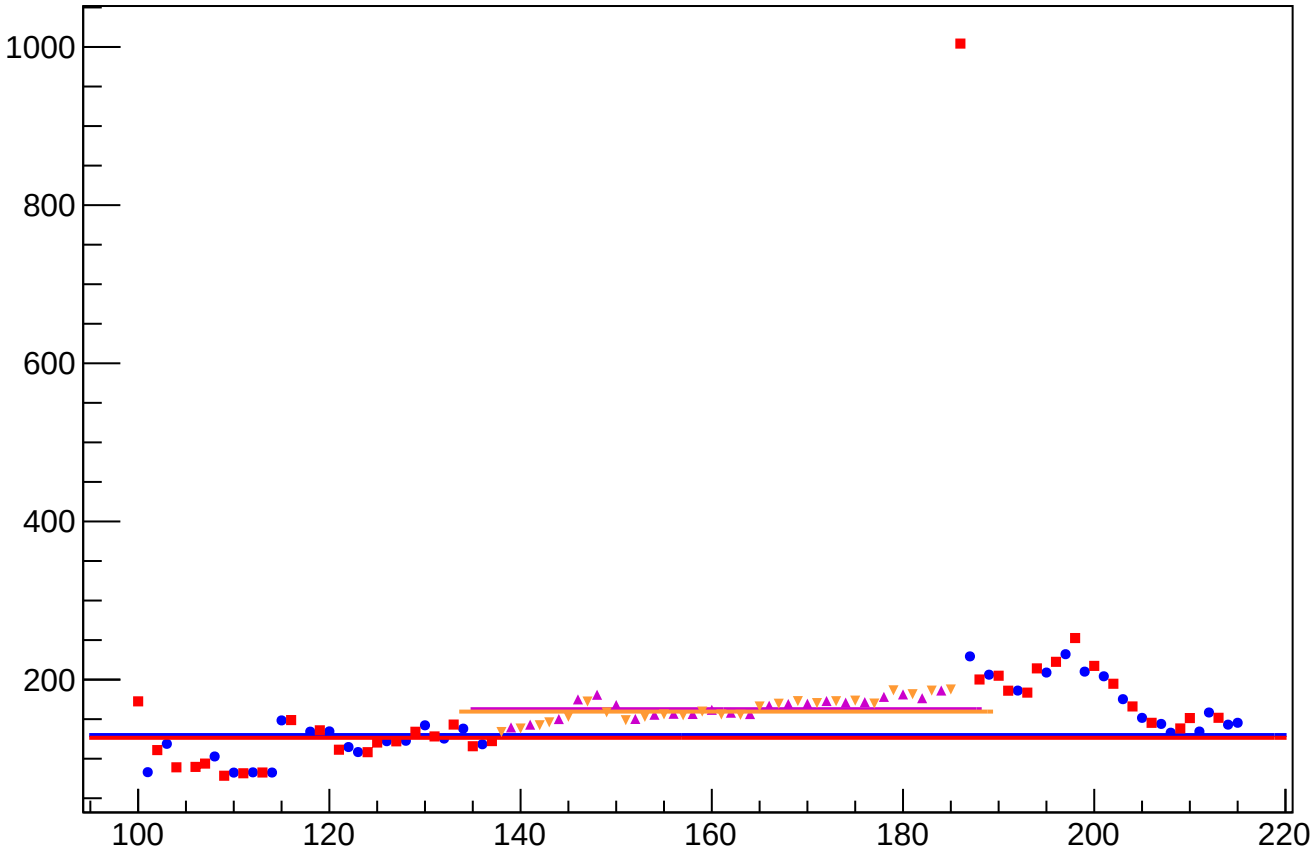
Left In: -299.192+/-39.009 χ^2/NDF:28.5/22

+ sign 123.250+/-24.540 χ^2/NDF: 106.7/56

All: 12.985+/-17.505 χ^2/NDF: 266.2/113

- sign -101.238+/-24.977 χ^2/NDF: 118.4/56

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: 126.419+/-0.023 χ^2/NDF: 4025252.3/33

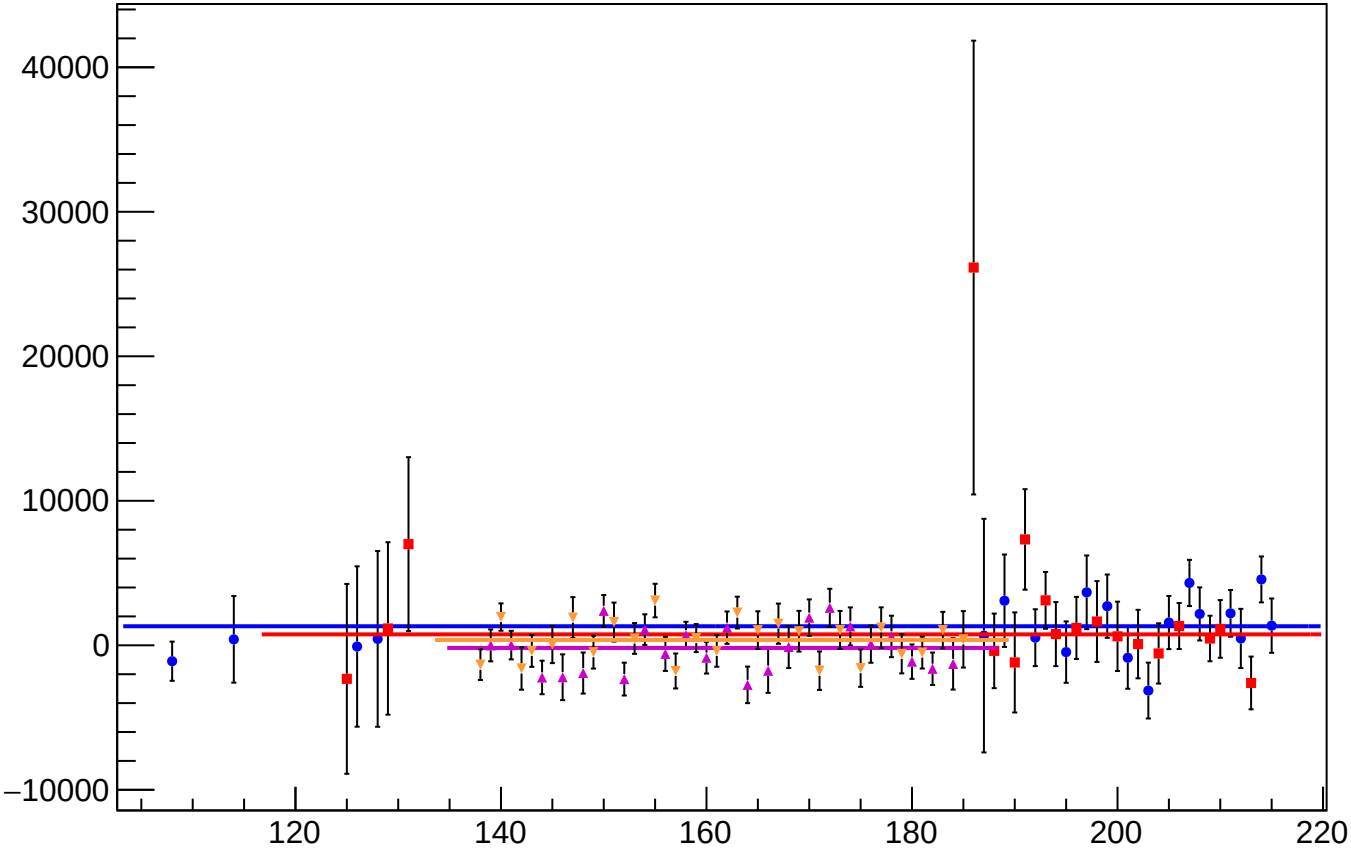
Left In: 162.606+/-0.028 χ^2/NDF:199542.3/22

+ sign 142.763+/-0.017 χ^2/NDF: 3654458.5/56

All: 142.022+/-0.012 χ^2/NDF: 8898501.6/113

- sign 141.255+/-0.018 χ^2/NDF: 5240331.5/56

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: 756.880+/-564.742 χ^2/NDF: 13.7/17

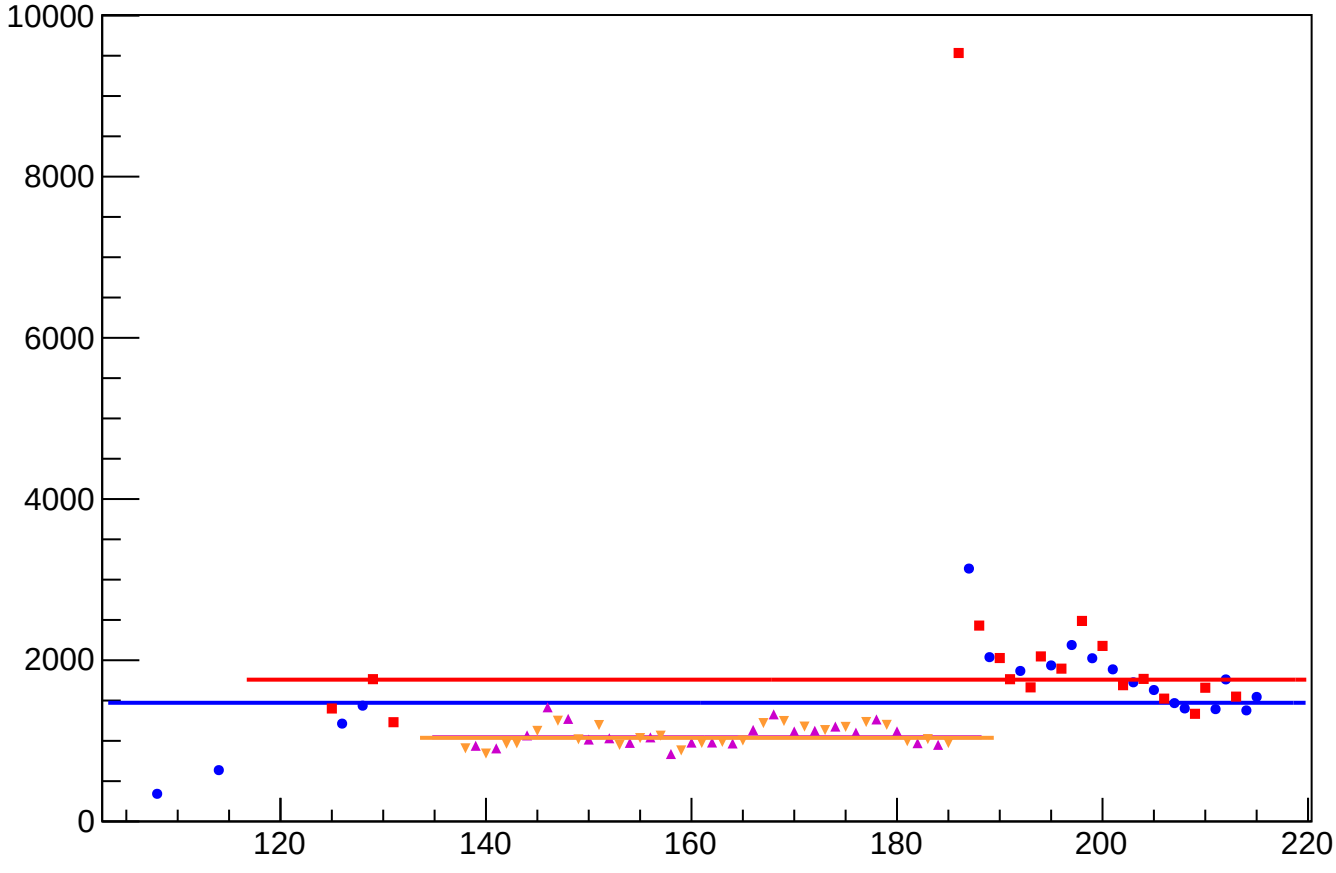
Left In: -183.107+/-252.258 χ^2/NDF:36.5/22

+ sign 567.621+/-216.677 χ^2/NDF: 54.1/43

All: 288.564+/-157.818 χ^2/NDF: 110.1/84

- sign -26.755+/-230.325 χ^2/NDF: 52.4/40

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: 1759.145+/-0.399 χ^2/NDF: 1123831.4/17

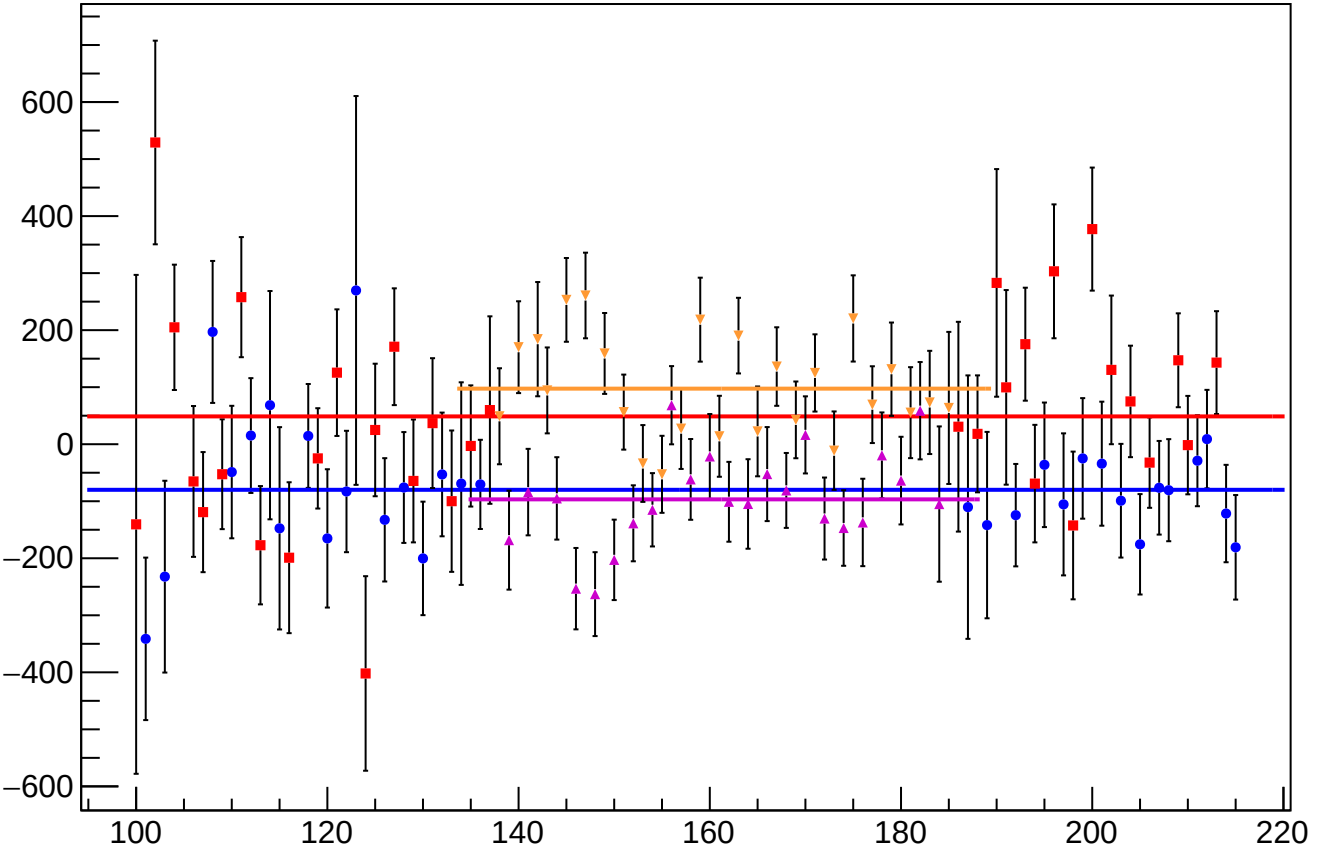
Left In: 1044.746+/-0.178 χ^2/NDF:543315.5/22

+ sign 1128.220+/-0.153 χ^2/NDF: 4158423.6/43

All: 1144.819+/-0.112 χ^2/NDF: 8518684.5/84

- sign 1163.575+/-0.163 χ^2/NDF: 4335260.9/40

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: 48.759+/-19.214 χ^2/NDF: 63.5/33

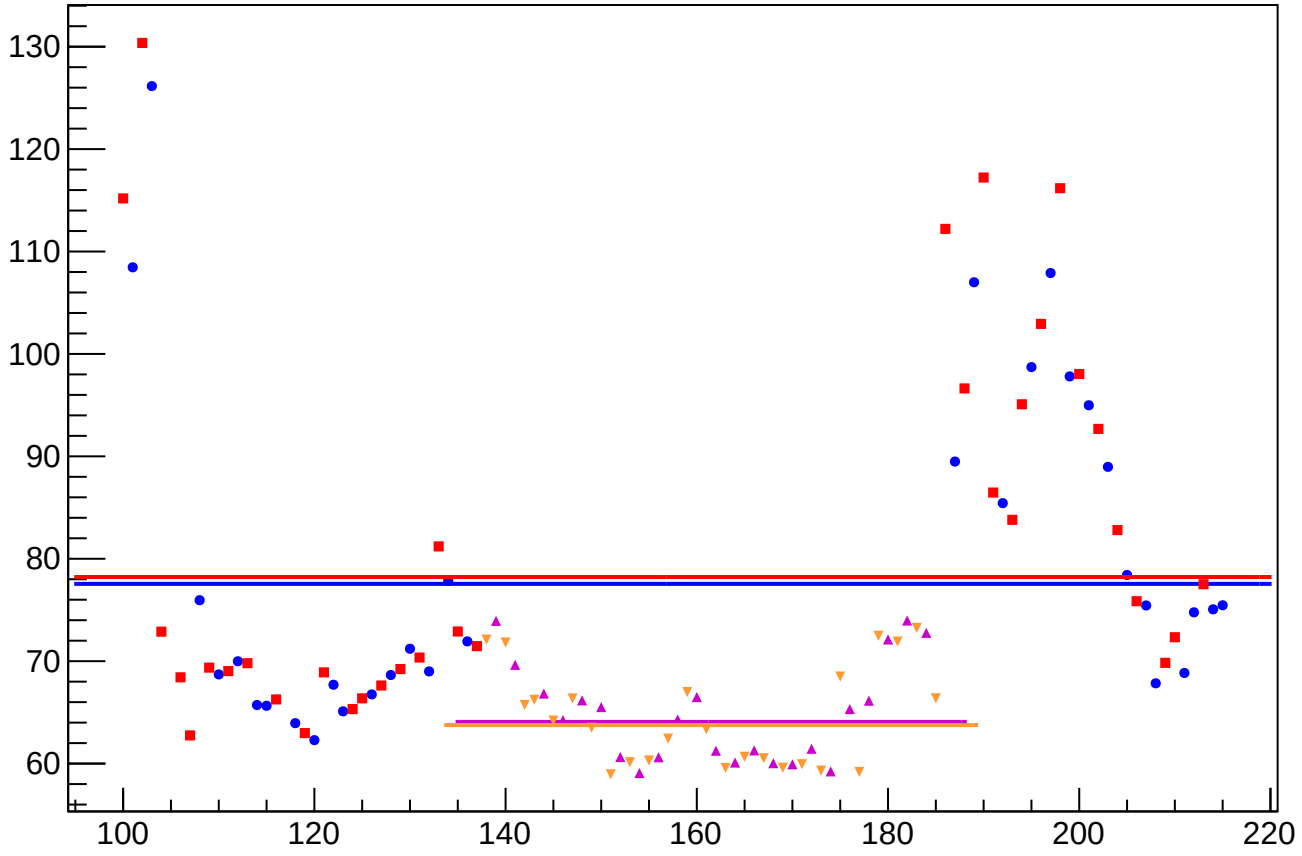
Left In: -96.704+/-15.369 χ^2/NDF:29.2/22

+ sign 29.711+/-11.699 χ^2/NDF: 110.7/56

All: -4.228+/-8.378 χ^2/NDF: 255.6/113

- sign -39.948+/-12.002 χ^2/NDF: 127.6/56

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: 78.217+/-0.014 χ^2/NDF: 1128759.0/33

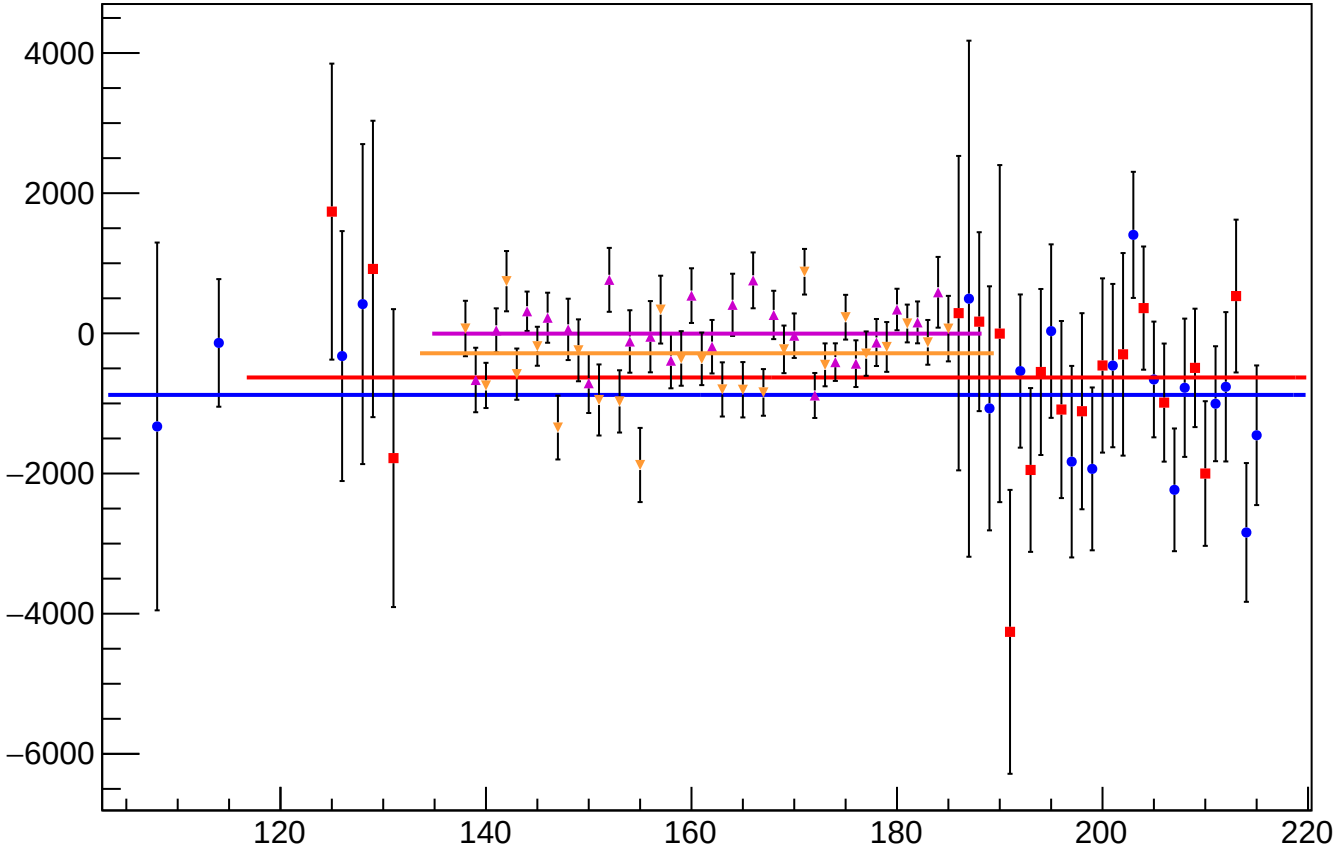
Left In: 64.069+/-0.011 χ^2/NDF:164660.4/22

+ sign 69.026+/-0.008 χ^2/NDF: 1797024.5/56

All: 69.300+/-0.006 χ^2/NDF: 3754011.7/113

- sign 69.589+/-0.008 χ^2/NDF: 1954728.4/56

asym_sam7_correction_mean vs Slug



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: -629.493+/-295.008 χ^2/NDF: 11.9/17

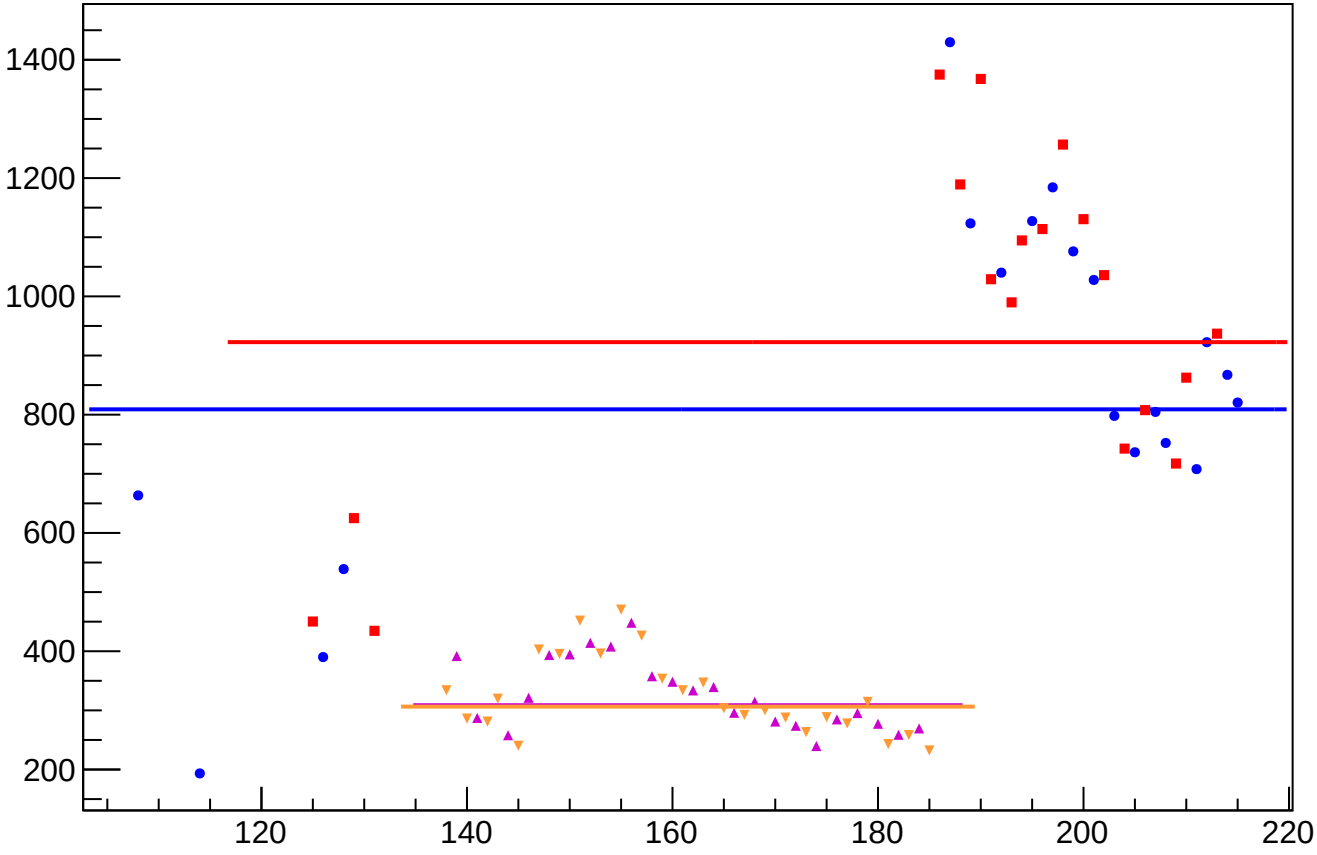
Left In: -4.037+/-75.084 χ^2/NDF:32.4/22

+ sign -328.489+/-69.975 χ^2/NDF: 76.6/43

All: -190.884+/-50.437 χ^2/NDF: 133.1/84

- sign -42.088+/-72.764 χ^2/NDF: 48.5/40

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: 922.631+/-0.209 χ^2/NDF: 1010879.1/17

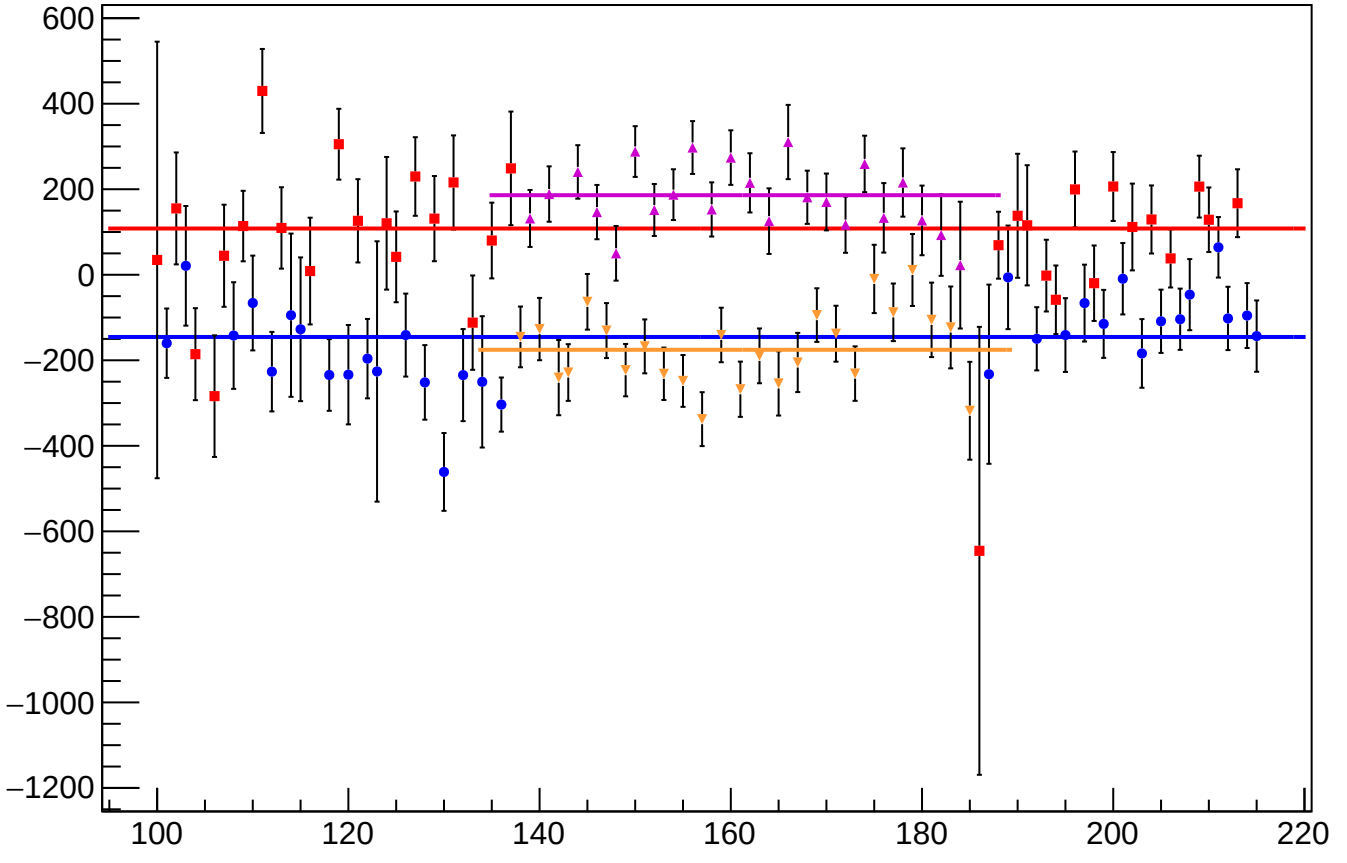
Left In: 308.727+/-0.053 χ^2/NDF:1002947.4/22

+ sign 343.754+/-0.049 χ^2/NDF: 10133406.7/43

All: 344.869+/-0.036 χ^2/NDF: 20282319.6/84

- sign 346.075+/-0.051 χ^2/NDF: 10147855.4/40

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: 108.165+/-16.636 χ^2/NDF: 57.6/33

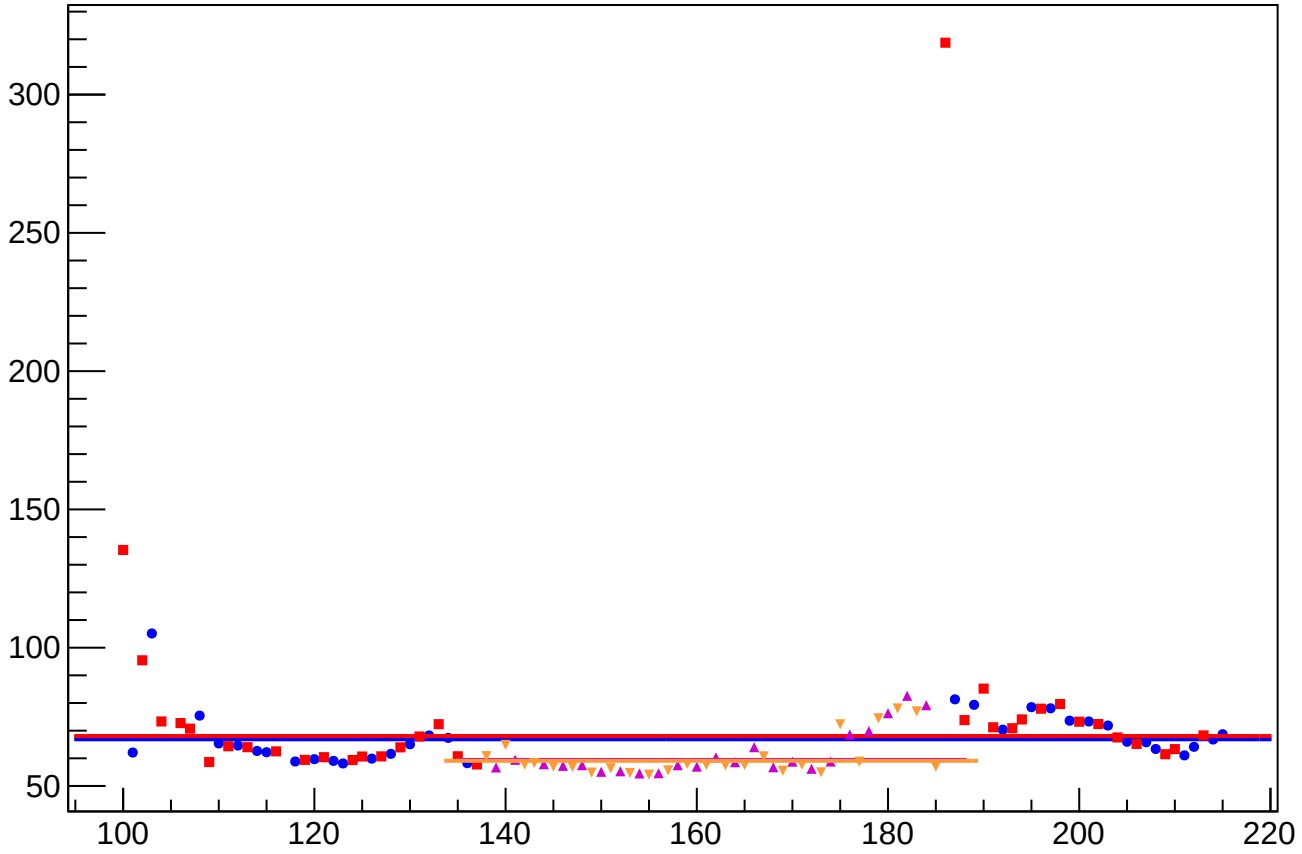
Left In: 186.047+/-14.315 χ^2/NDF:23.6/22

+ sign -162.802+/-10.520 χ^2/NDF: 79.3/56

All: -9.831+/-7.553 χ^2/NDF: 609.4/113

- sign 152.914+/-10.851 χ^2/NDF: 93.7/56

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: 68.062+/-0.012 χ^2/NDF: 872390.7/33

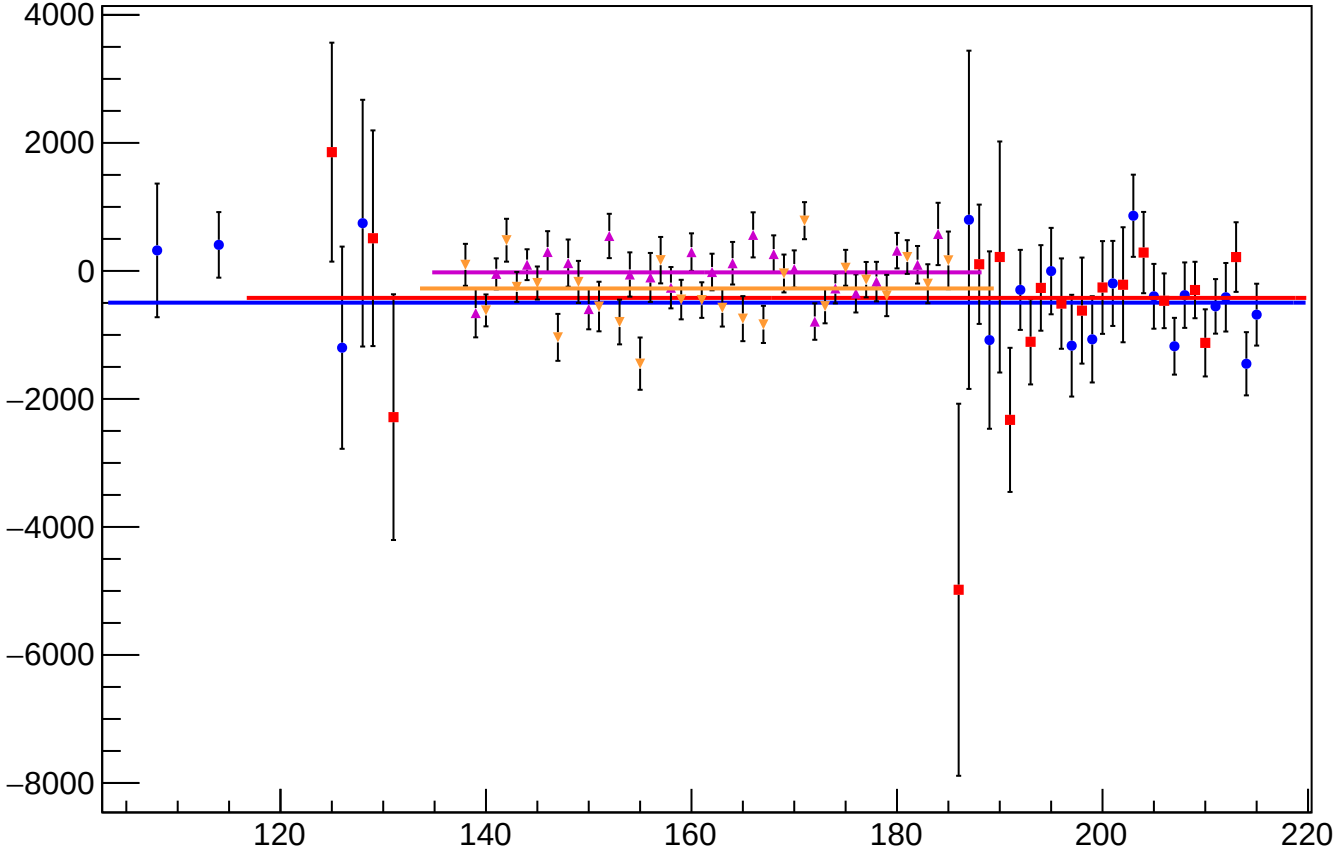
Left In: 59.410+/-0.010 χ^2/NDF:373052.7/22

+ sign 62.390+/-0.007 χ^2/NDF: 1062891.3/56

All: 62.730+/-0.005 χ^2/NDF: 2623454.8/113

- sign 63.091+/-0.008 χ^2/NDF: 1556259.3/56

asym_sam8_correction_mean vs Slug



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: -421.418+/-170.170 χ^2/NDF: 14.6/17

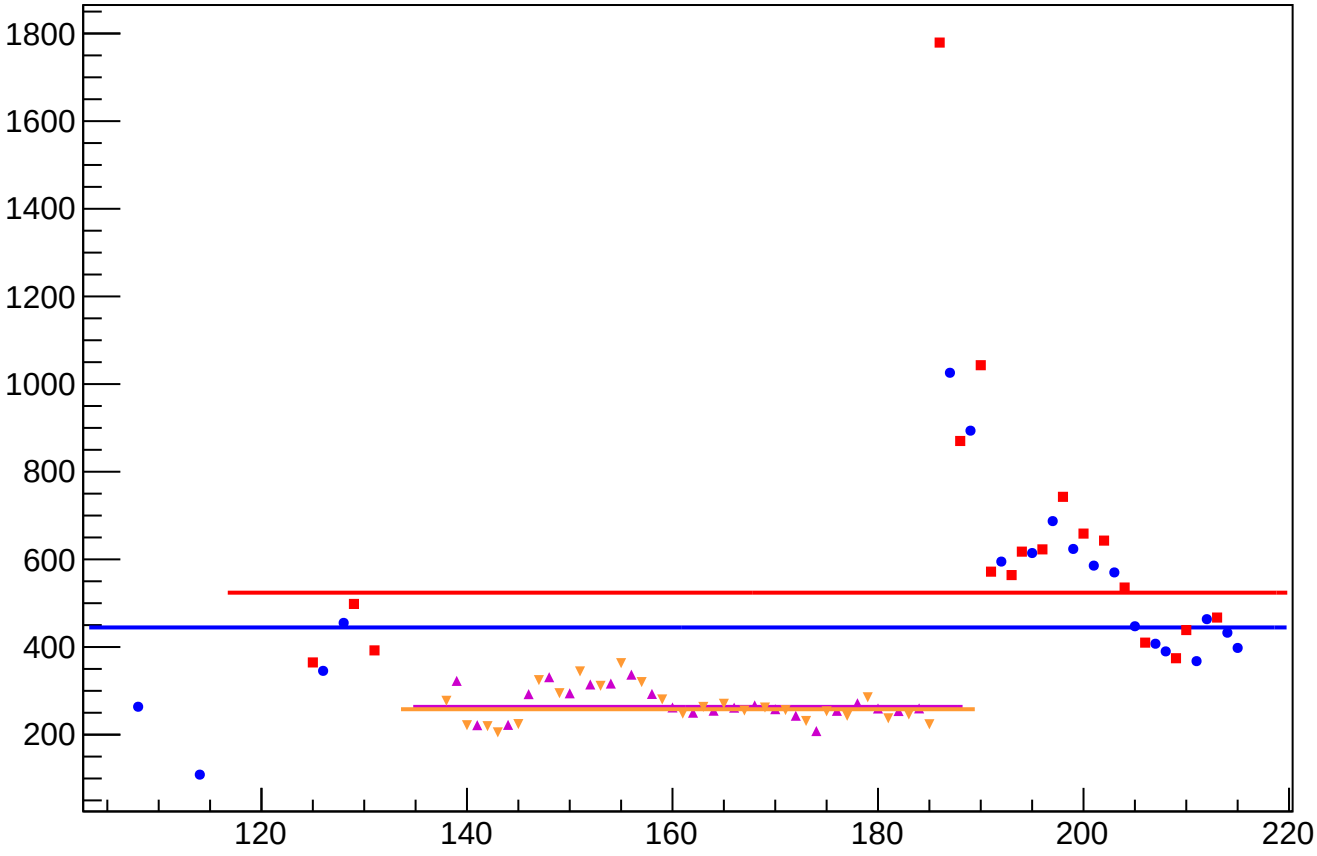
Left In: -22.631+/-63.643 χ^2/NDF:28.9/22

+ sign -308.394+/-55.902 χ^2/NDF: 73.8/43

All: -197.576+/-40.777 χ^2/NDF: 130.5/84

- sign -71.566+/-59.610 χ^2/NDF: 48.3/40

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: 524.025+/-0.120 χ^2/NDF: 1622066.1/17

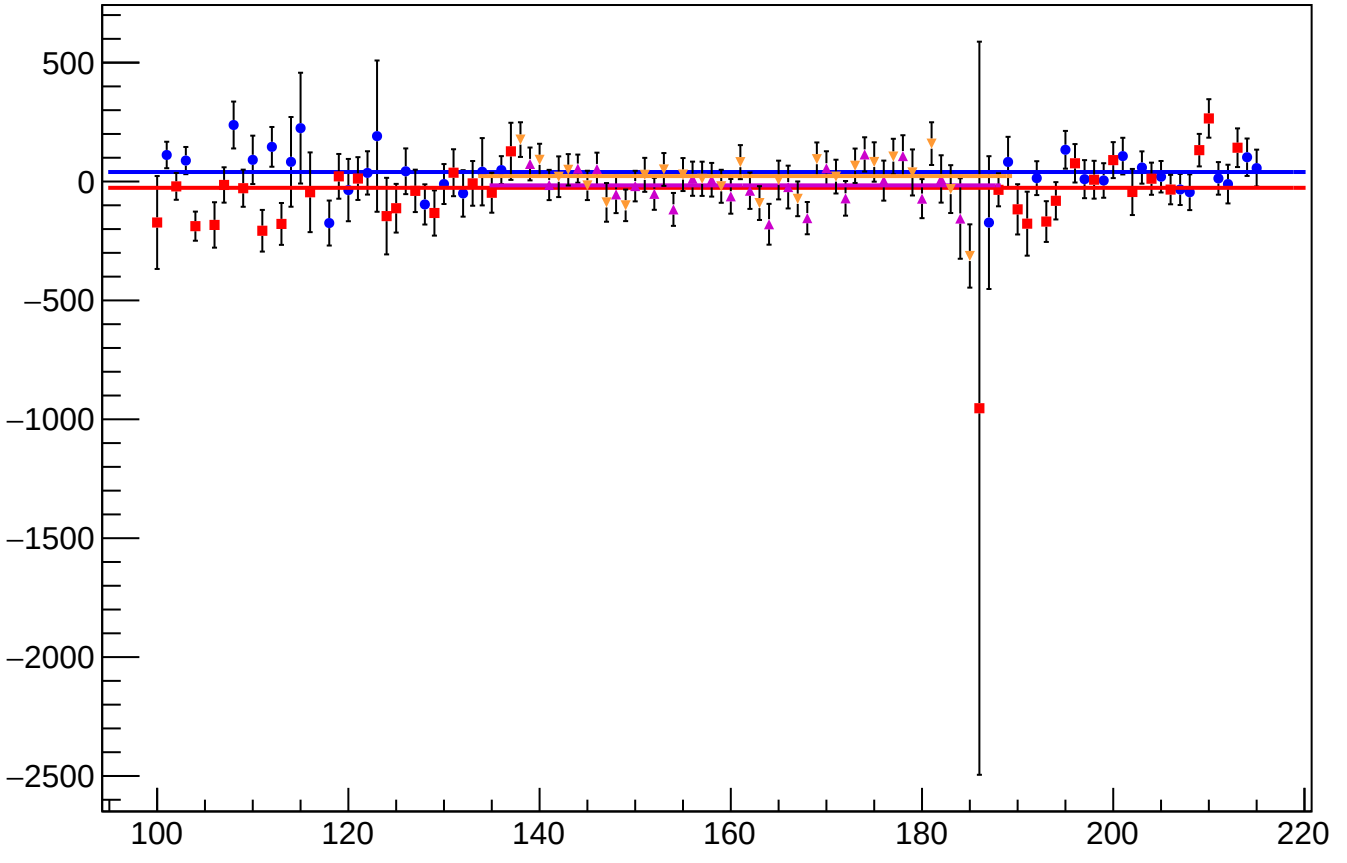
Left In: 263.397+/-0.045 χ^2/NDF:585600.2/22

+ sign 286.898+/-0.040 χ^2/NDF: 5734126.2/43

All: 290.866+/-0.029 χ^2/NDF: 12079105.1/84

- sign 295.378+/-0.042 χ^2/NDF: 6323439.8/40

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: -26.511+/-14.691 χ^2/NDF: 55.4/33

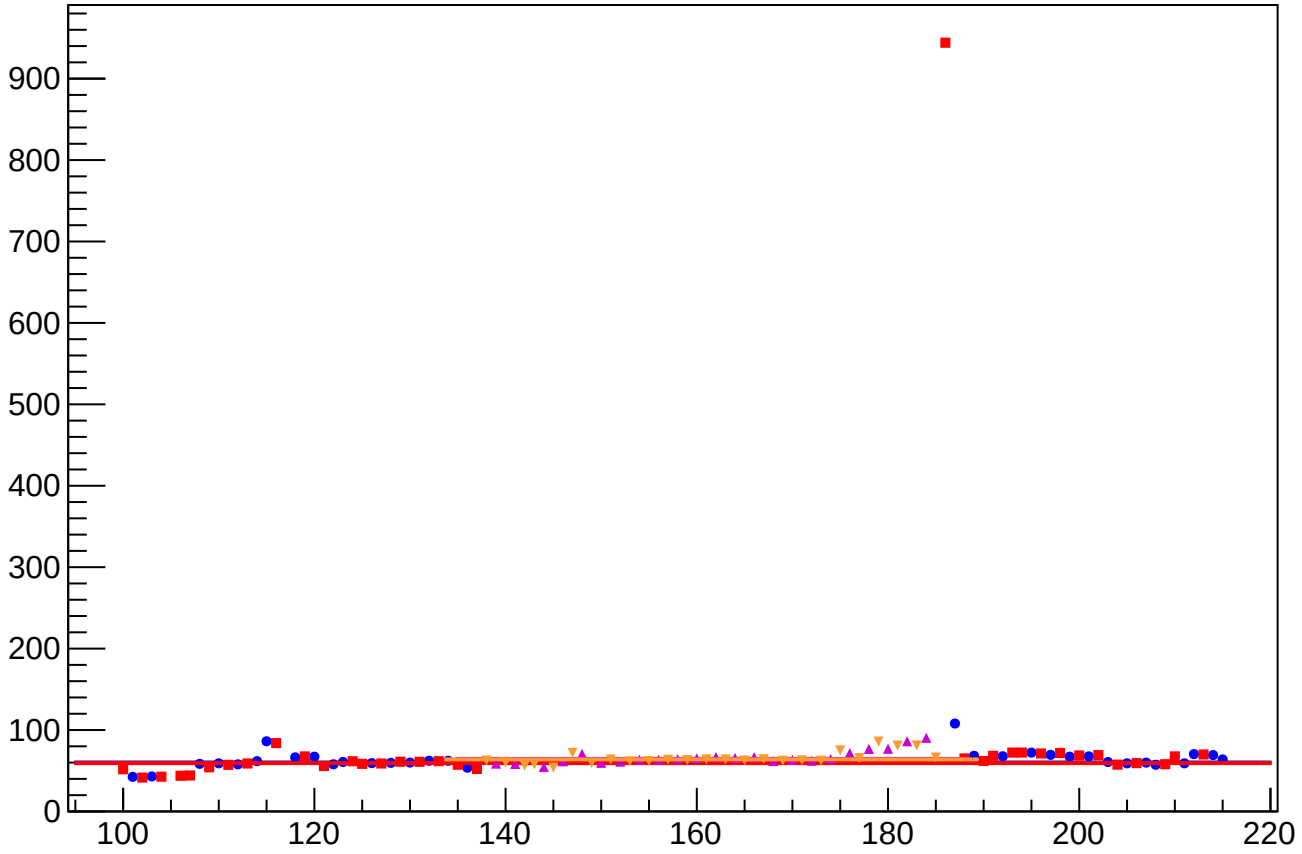
Left In: -16.198+/-15.531 χ^2/NDF:23.3/22

+ sign 31.621+/-10.461 χ^2/NDF: 55.4/56

All: 5.524+/-7.471 χ^2/NDF: 147.0/113

- sign -21.641+/-10.673 χ^2/NDF: 78.9/56

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: 59.394+/-0.010 χ^2/NDF: 1552902.9/33

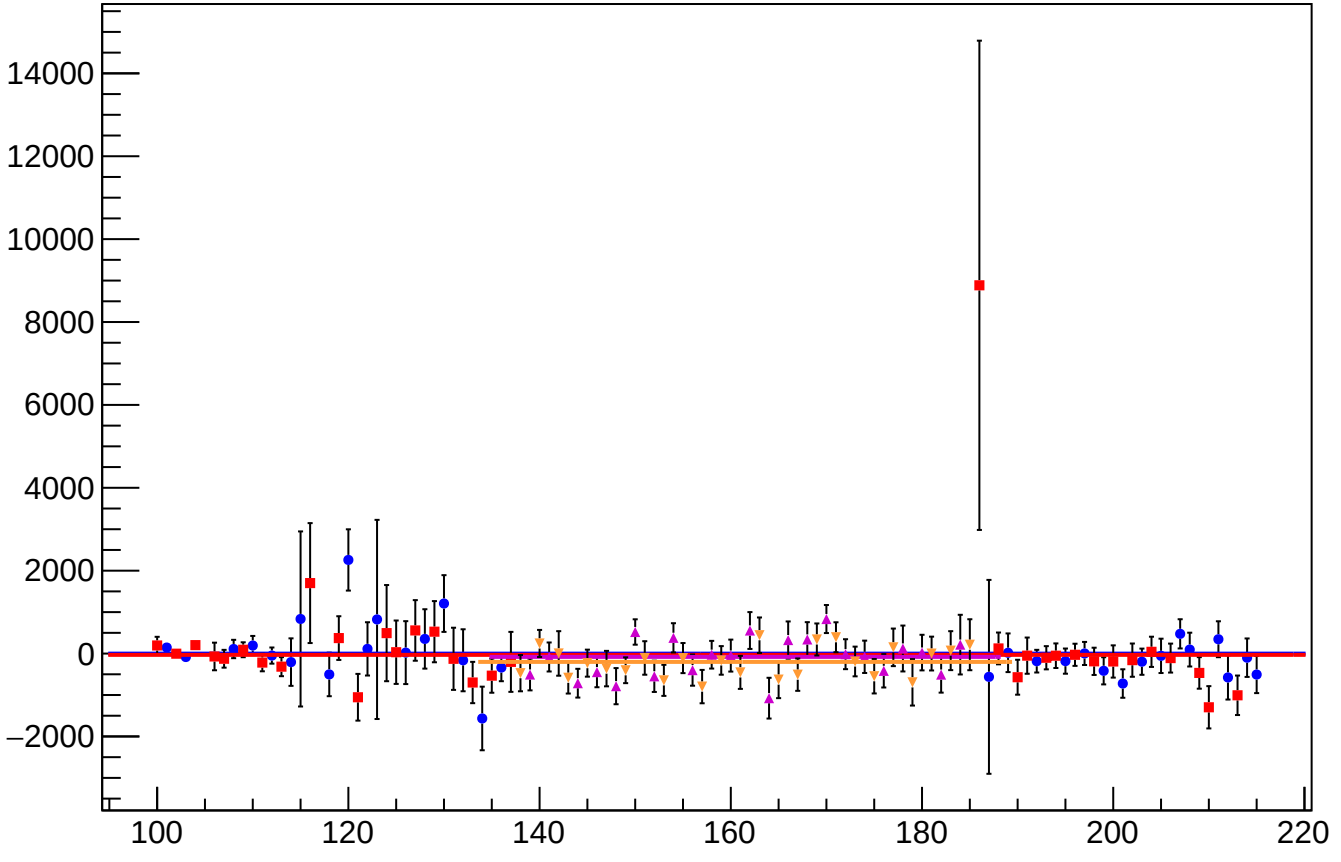
Left In: 64.511+/-0.011 χ^2/NDF:370515.2/22

+ sign 61.966+/-0.007 χ^2/NDF: 1184838.3/56

All: 61.890+/-0.005 χ^2/NDF: 3223037.7/113

- sign 61.810+/-0.008 χ^2/NDF: 2037983.5/56

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: -31.100+/-46.578 χ^2/NDF: 36.2/33

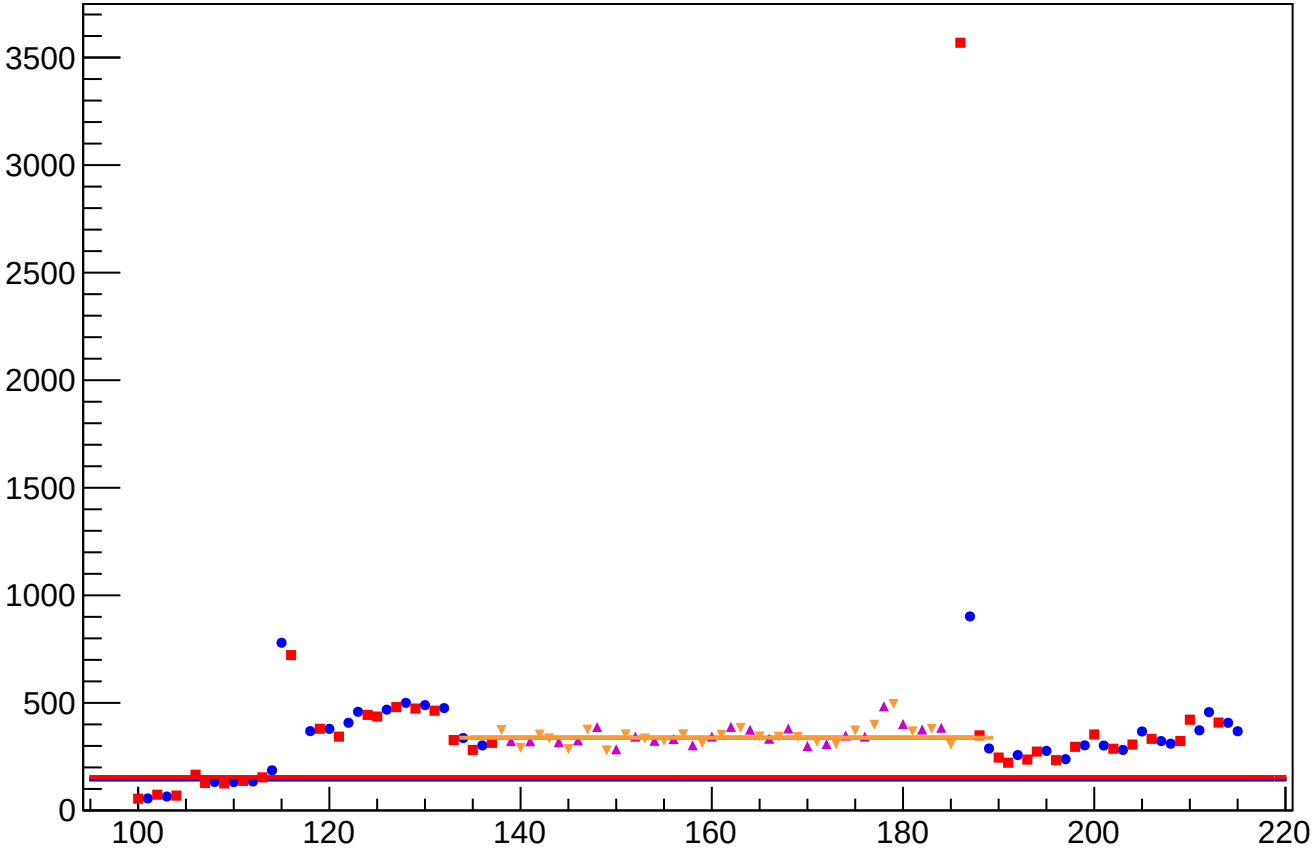
Left In: -79.985+/-81.781 χ^2/NDF:33.4/22

\+ sign -50.690+/-39.461 χ^2/NDF: 61.1/56

All: -46.978+/-28.254 χ^2/NDF: 131.0/113

\- sign -43.073+/-40.474 χ^2/NDF: 69.8/56

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: 155.308+/-0.033 χ^2/NDF: 11739411.0/33

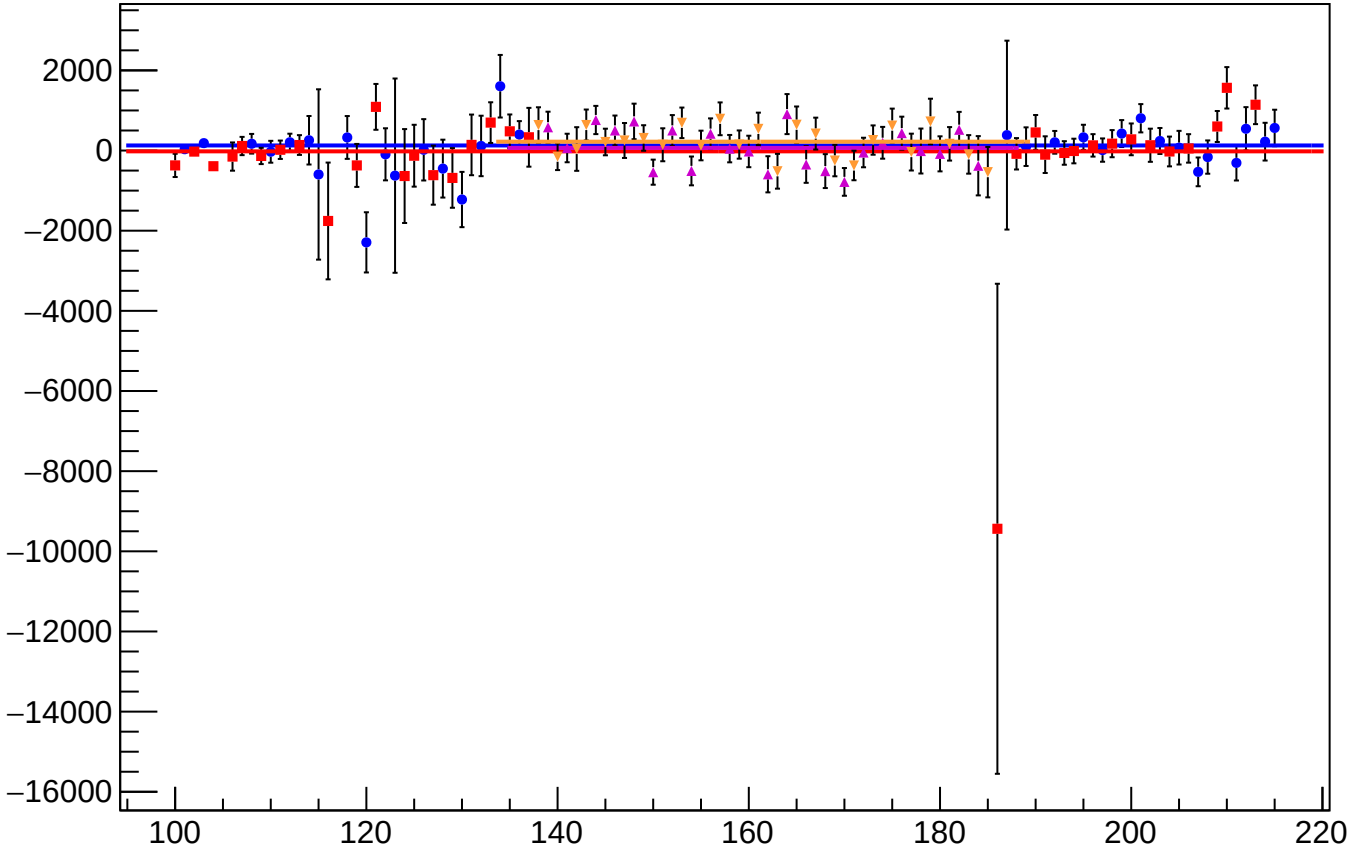
Left In: 338.564+/-0.058 χ^2/NDF:437243.0/22

+ sign 191.524+/-0.028 χ^2/NDF: 23420538.9/56

All: 195.749+/-0.020 χ^2/NDF: 43226991.3/11

- sign 200.193+/-0.029 χ^2/NDF: 19759406.3/56

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: -20.267+/-51.836 χ^2/NDF: 45.9/33

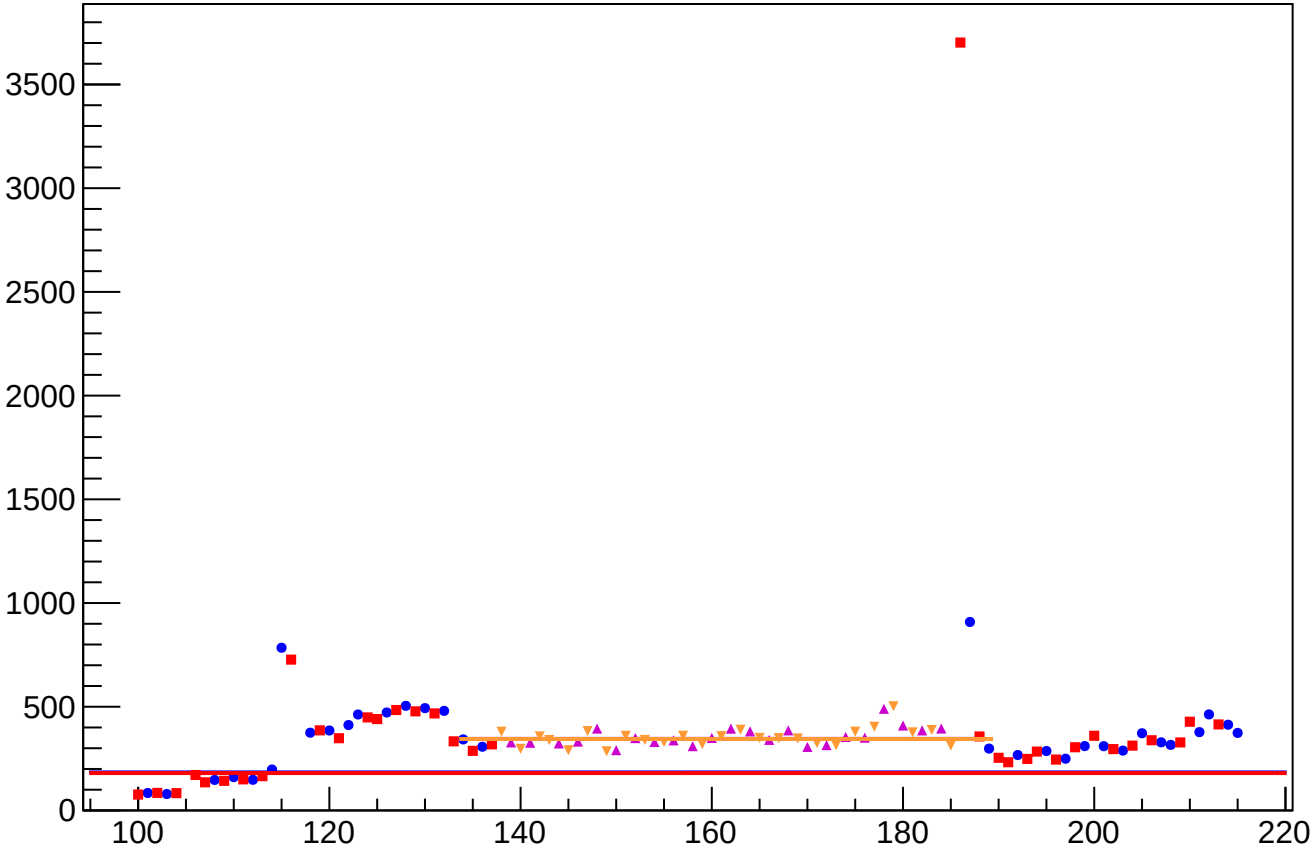
Left In: 65.510+/-83.319 χ^2/NDF:34.0/22

+ sign 155.268+/-44.486 χ^2/NDF: 53.5/56

All: 78.658+/-31.288 χ^2/NDF: 140.0/113

- sign 3.669+/-44.013 χ^2/NDF: 80.7/56

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: 180.261+/-0.037 χ^2/NDF: 9837796.5/33

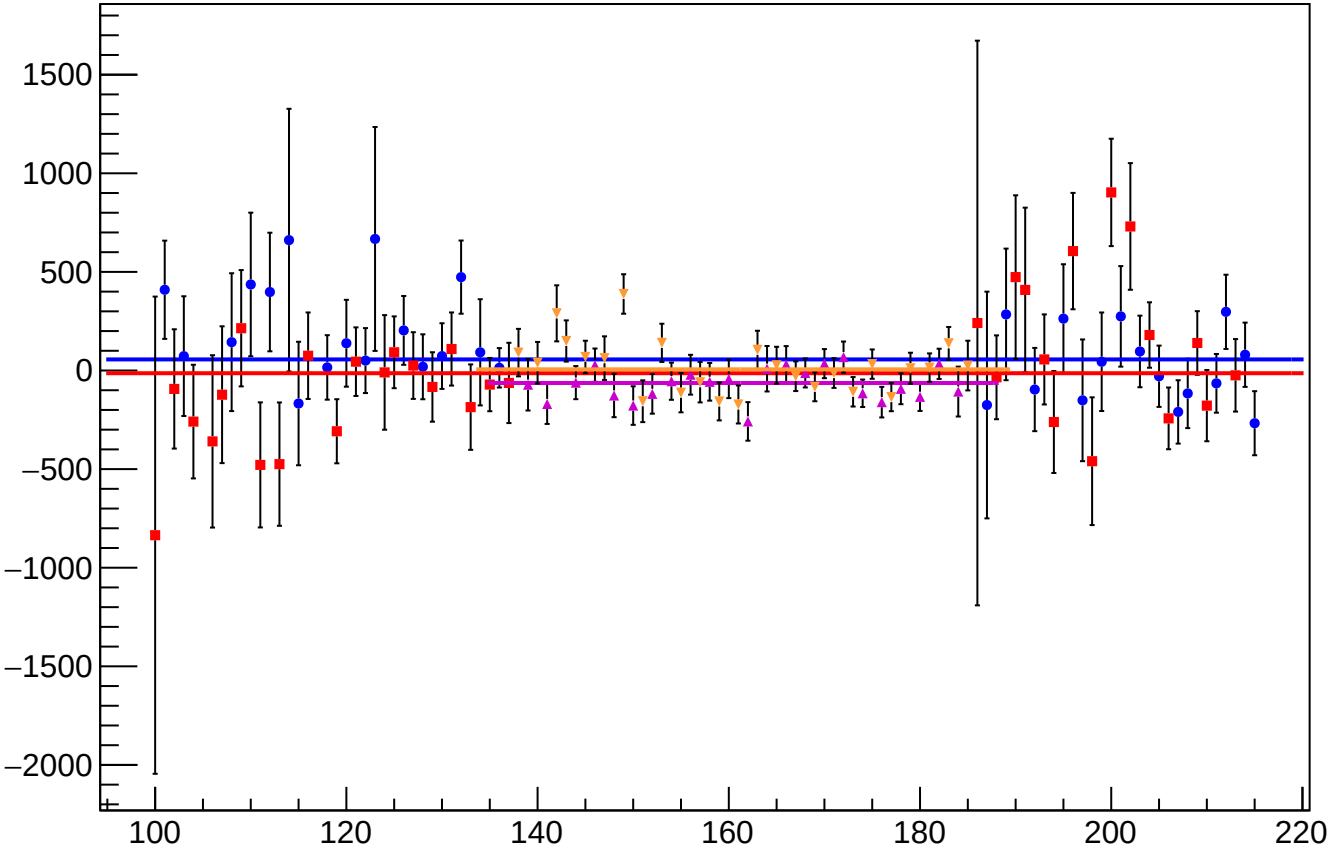
Left In: 345.039+/-0.059 χ^2/NDF:427381.3/22

+ sign 231.971+/-0.031 χ^2/NDF: 16474802.8/56

All: 229.076+/-0.022 χ^2/NDF: 32396373.3/11

- sign 226.242+/-0.031 χ^2/NDF: 15904807.3/56

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: -13.743+/-38.138 χ^2/NDF: 44.0/33

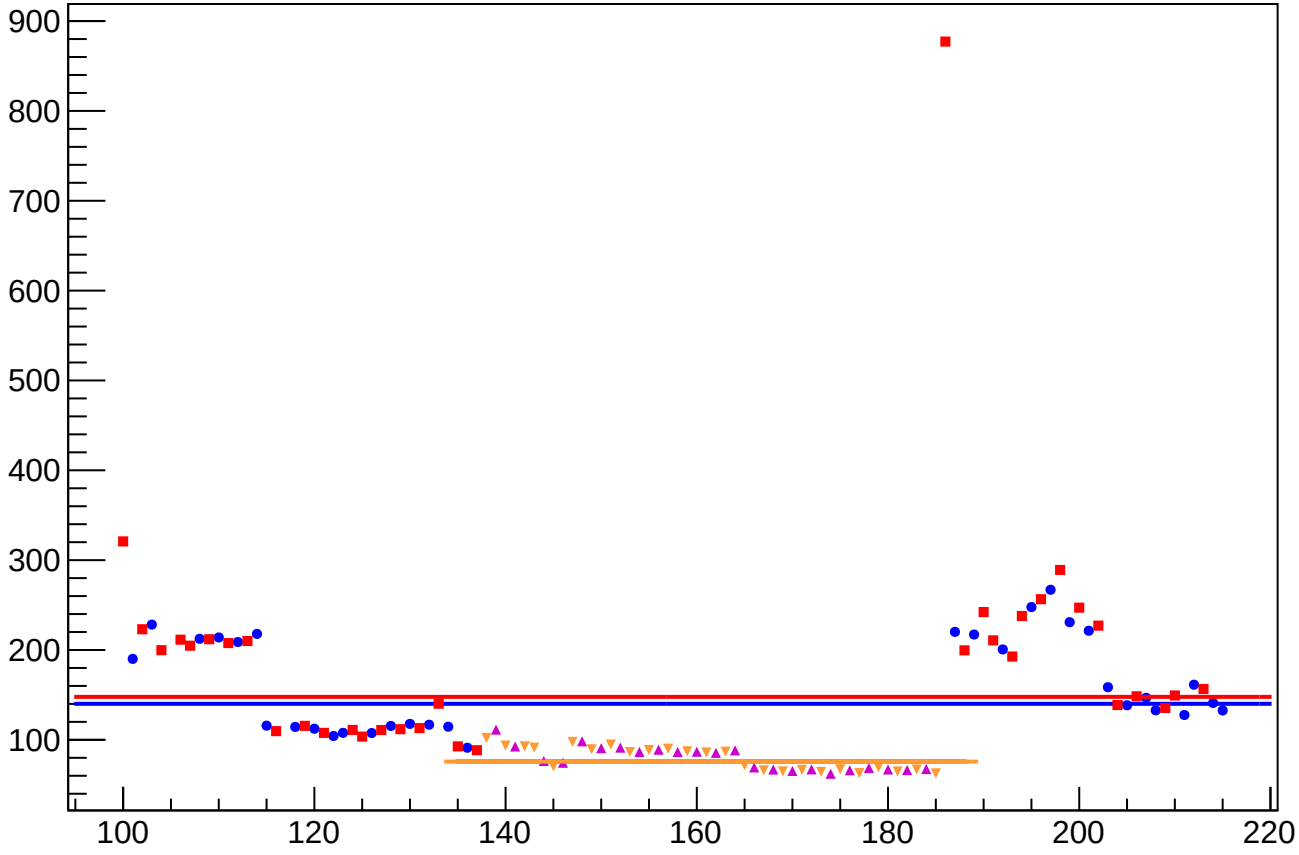
Left In: -63.279+/-18.447 χ^2/NDF:19.8/22

+ sign 16.214+/-15.988 χ^2/NDF: 74.0/56

All: -17.509+/-11.518 χ^2/NDF: 148.5/113

- sign -53.887+/-16.606 χ^2/NDF: 65.2/56

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: 147.835+/-0.027 χ^2/NDF: 3890549.9/33

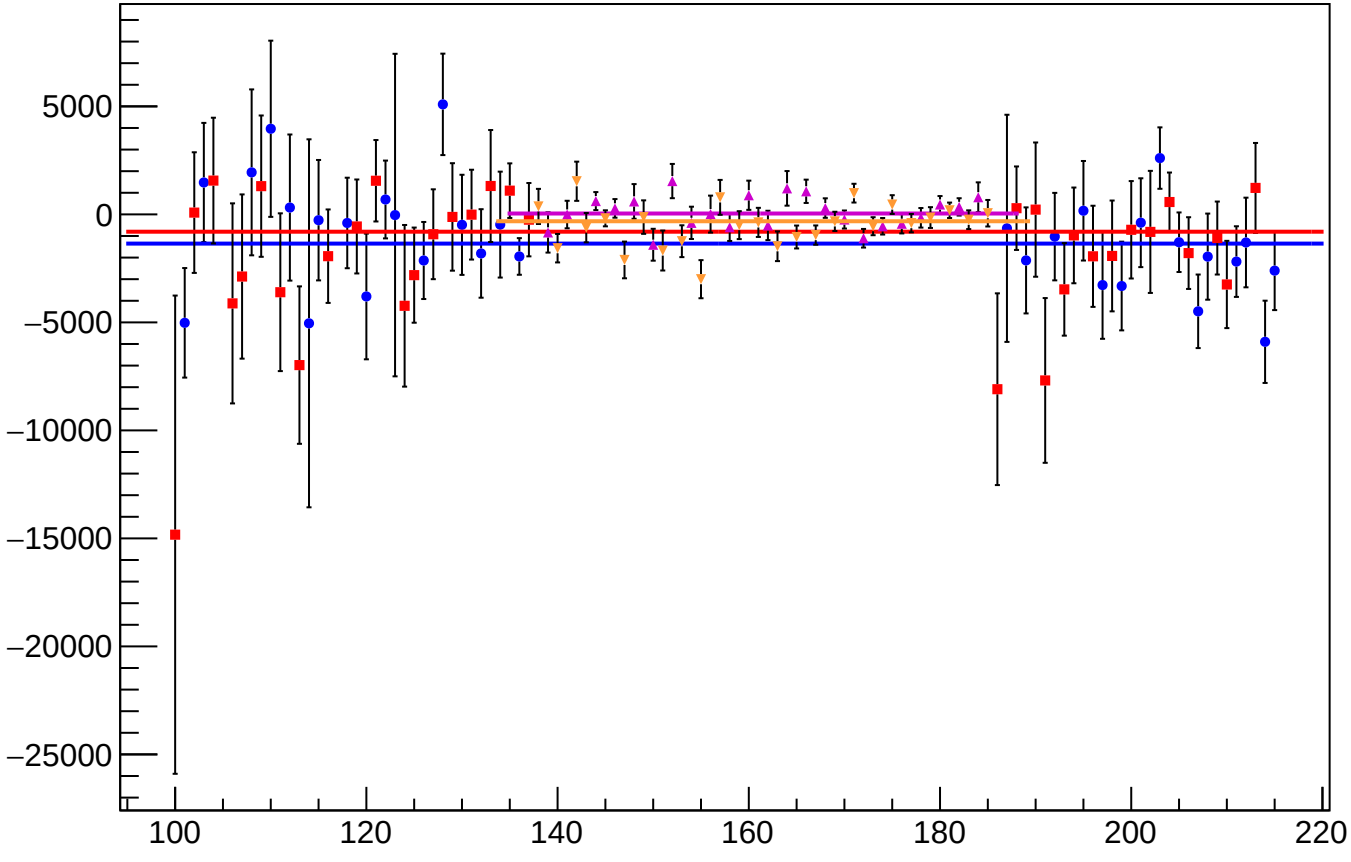
Left In: 75.909+/-0.013 χ^2/NDF:831366.4/22

+ sign 88.811+/-0.011 χ^2/NDF: 9096832.4/56

All: 89.165+/-0.008 χ^2/NDF: 19585683.5/113

- sign 89.546+/-0.012 χ^2/NDF: 10486818.1/56

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: -801.855+/-388.095 χ^2/NDF: 26.0/33

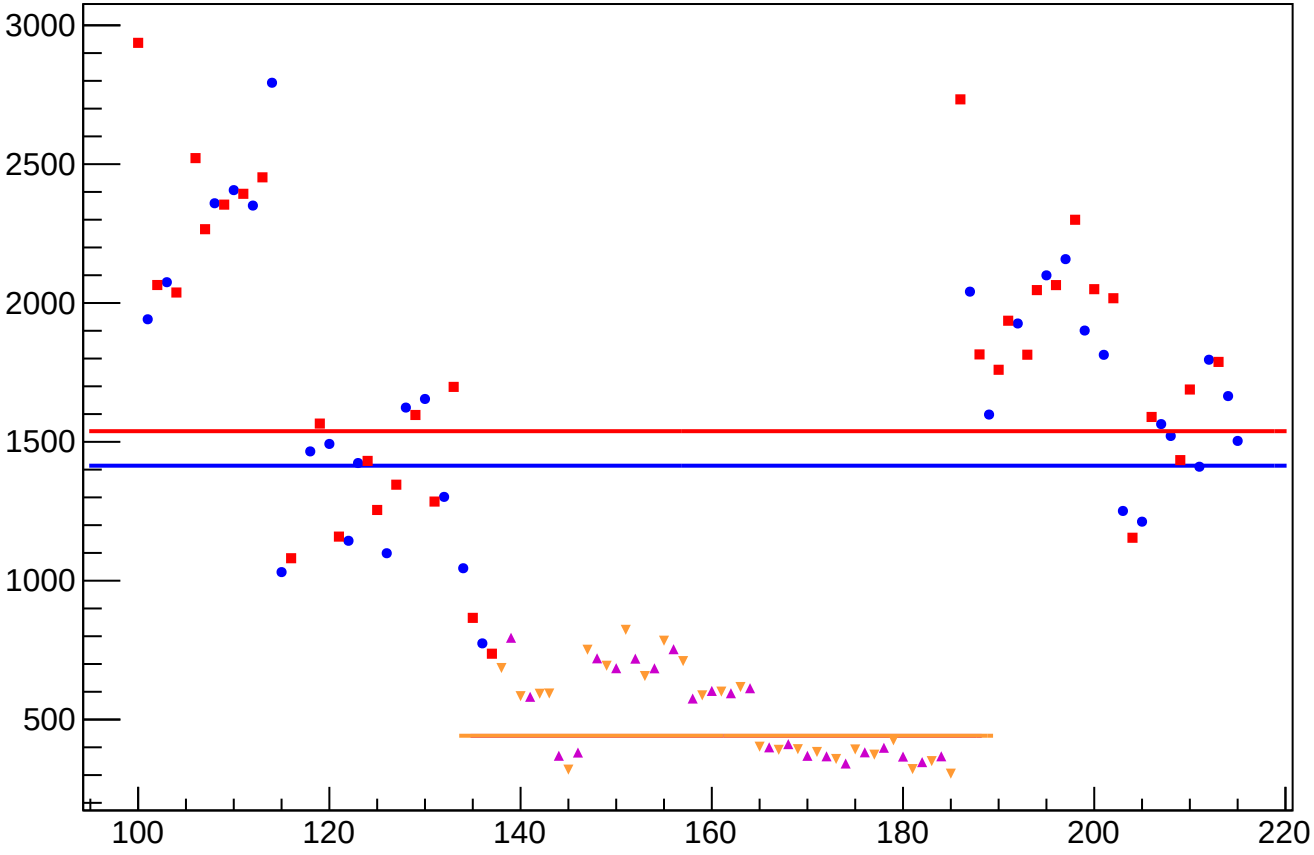
Left In: 40.473+/-110.252 χ^2/NDF:34.7/22

+ sign -404.982+/-103.376 χ^2/NDF: 94.7/56

All: -218.600+/-74.027 χ^2/NDF: 166.4/113

- sign -22.431+/-106.056 χ^2/NDF: 65.1/56

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: 1538.422+/-0.274 χ^2/NDF: 2959283.2/33

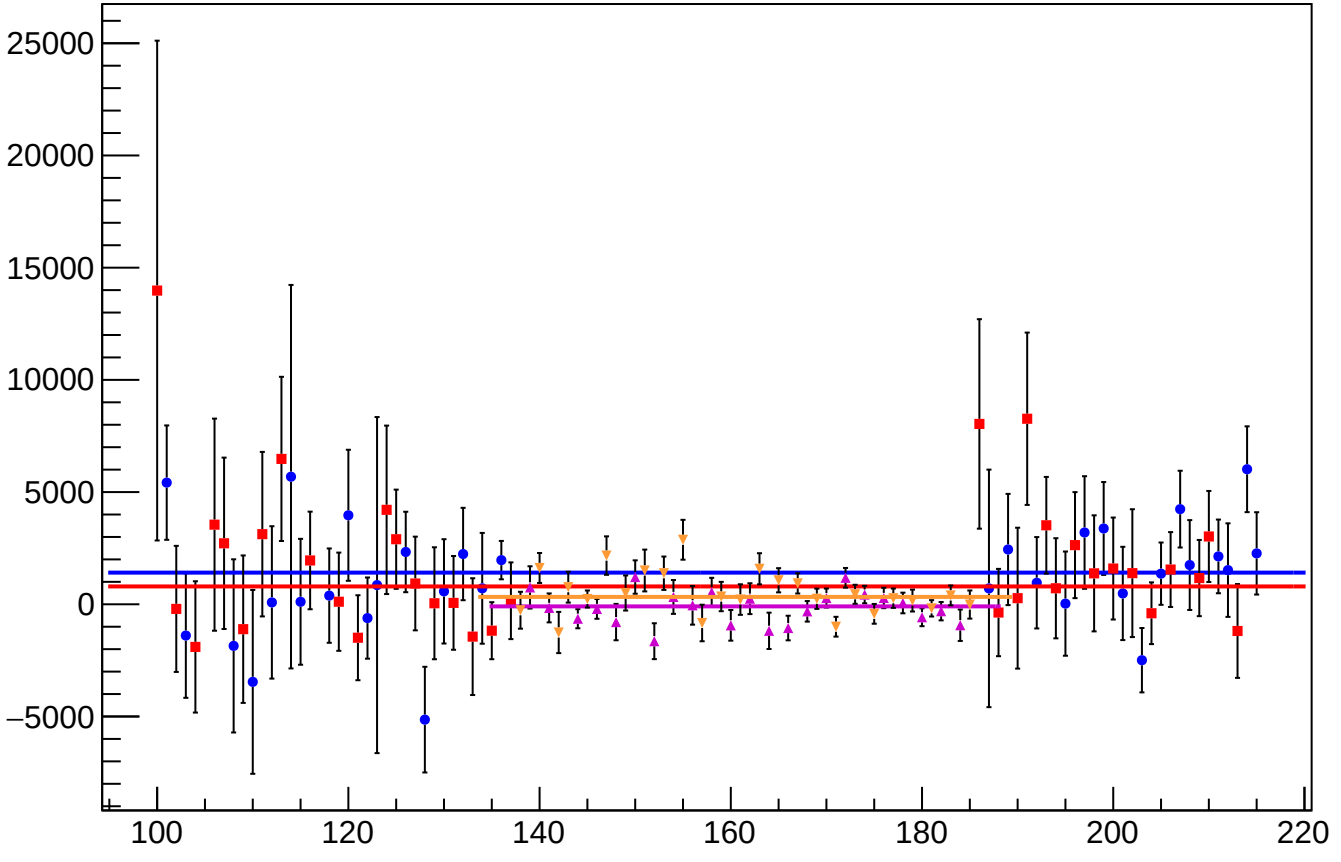
Left In: 441.009+/-0.078 χ^2/NDF:2597018.1/22

+ sign 523.396+/-0.073 χ^2/NDF: 19720853.0/56

All: 523.184+/-0.052 χ^2/NDF: 40074634.9/11

- sign 522.961+/-0.075 χ^2/NDF: 20353764.8/56

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: 795.113+/-390.488 χ^2/NDF: 25.3/33

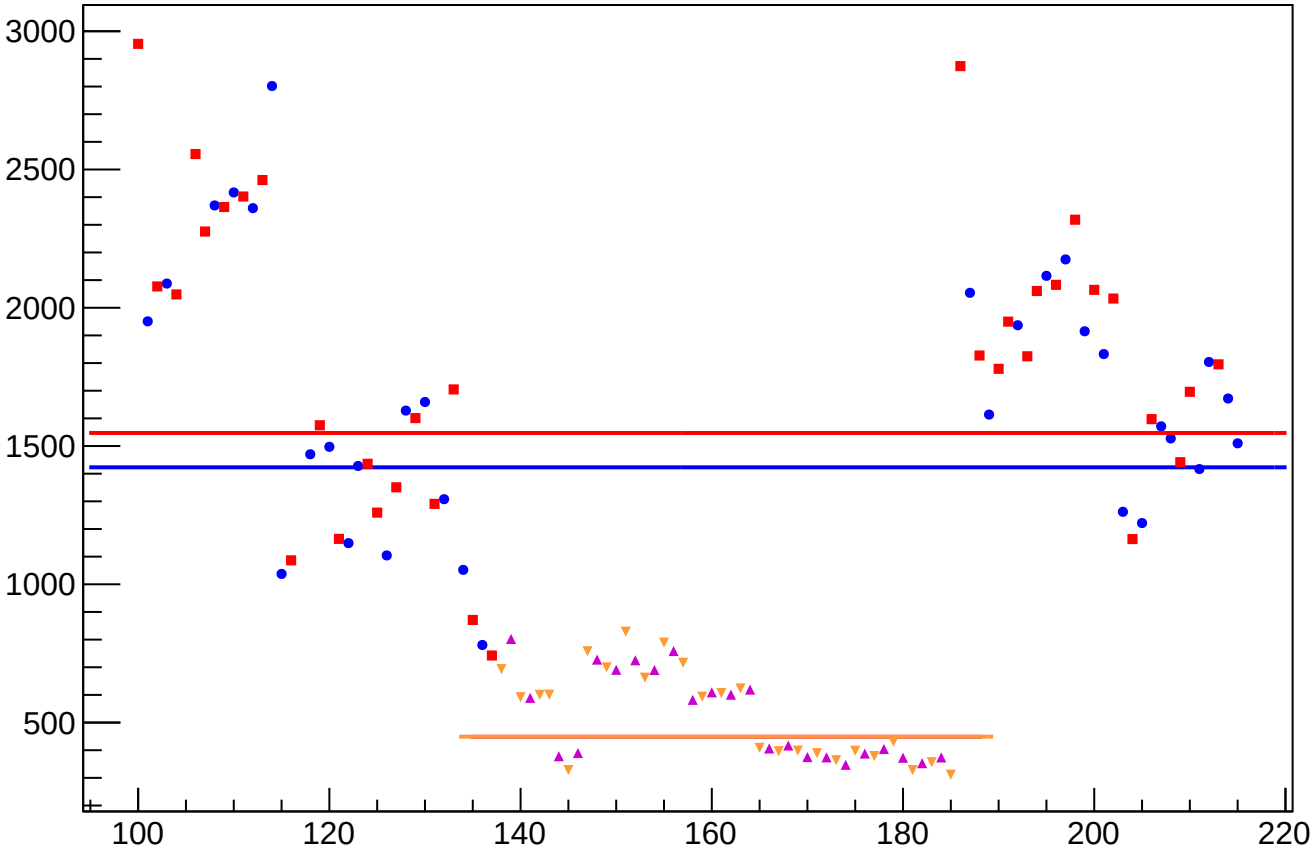
Left In: -93.310+/-111.960 χ^2/NDF:33.3/22

+ sign 421.072+/-104.878 χ^2/NDF: 92.0/56

All: 203.396+/-75.112 χ^2/NDF: 164.2/113

- sign -25.824+/-107.623 χ^2/NDF: 63.4/56

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: 1547.254+/-0.276 χ^2/NDF: 2978304.8/33

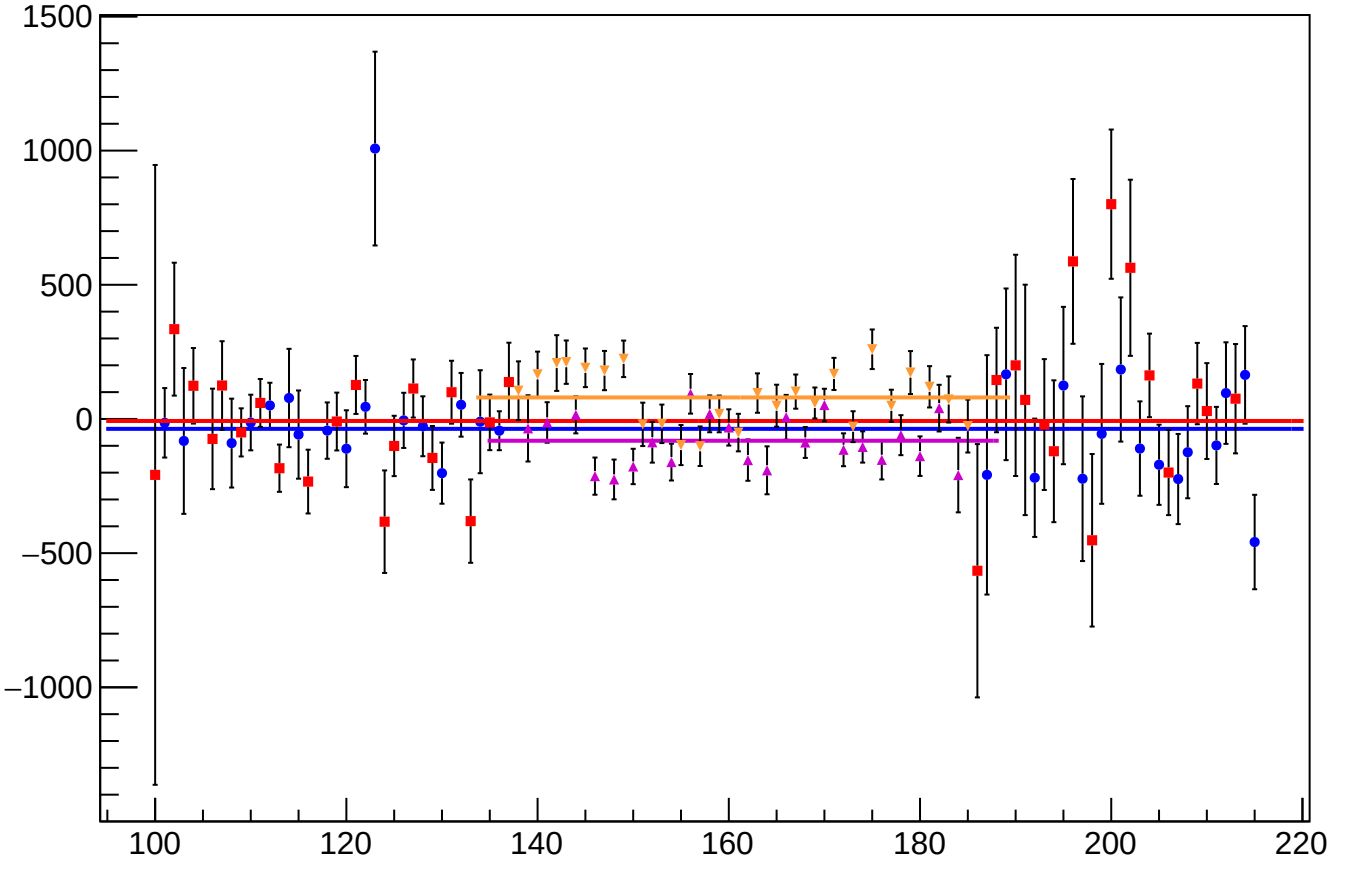
Left In: 448.307+/-0.079 χ^2/NDF:2537376.0/22

+ sign 532.240+/-0.074 χ^2/NDF: 19488415.6/56

All: 532.019+/-0.053 χ^2/NDF: 39641334.6/11

- sign 531.786+/-0.076 χ^2/NDF: 20152900.7/56

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: -7.504+/-25.264 χ^2/NDF: 51.6/33

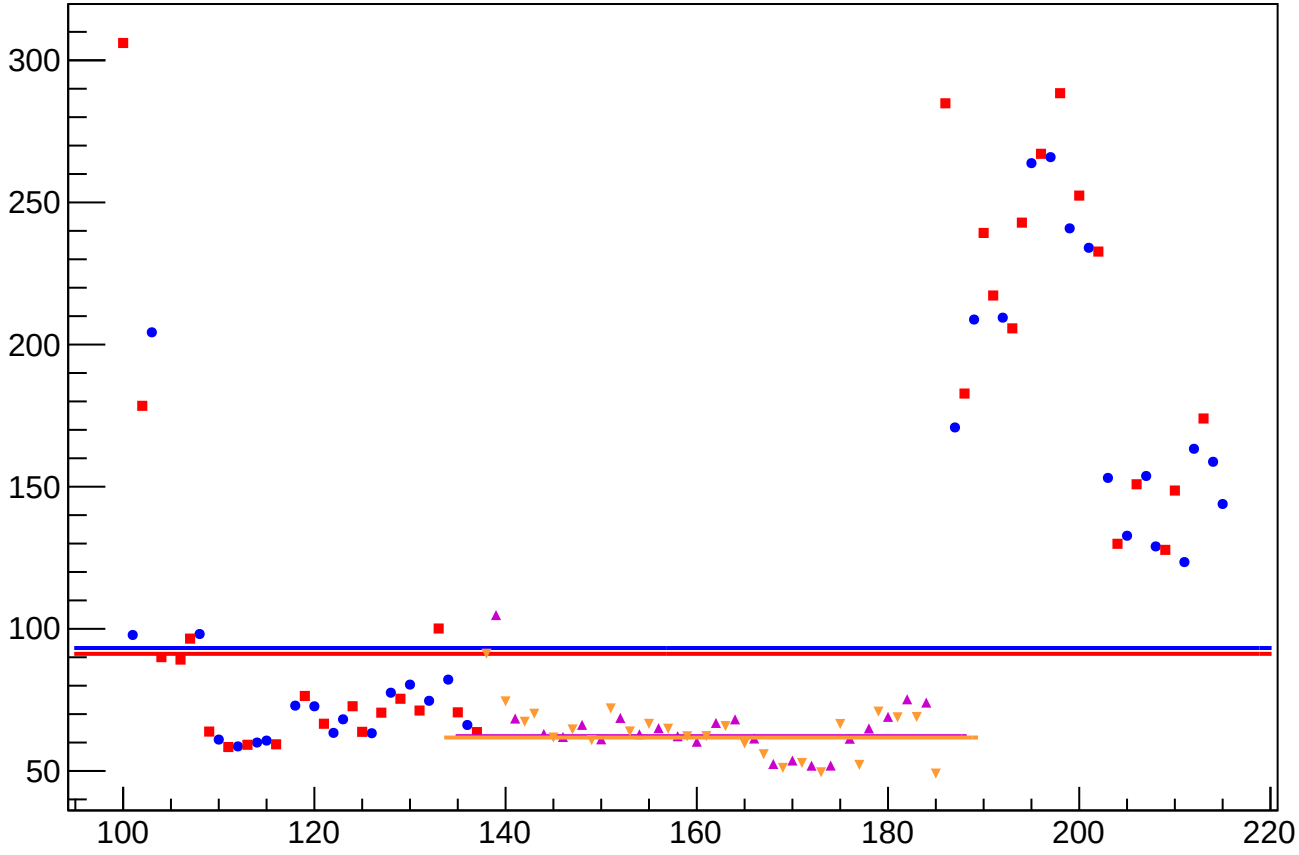
Left In: -81.156+/-15.105 χ^2/NDF:35.3/22

+ sign 50.879+/-12.634 χ^2/NDF: 91.2/56

All: -3.987+/-9.048 χ^2/NDF: 223.0/113

- sign -61.761+/-12.965 χ^2/NDF: 93.1/56

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: 91.206+/-0.018 χ^2/NDF: 7607237.1/33

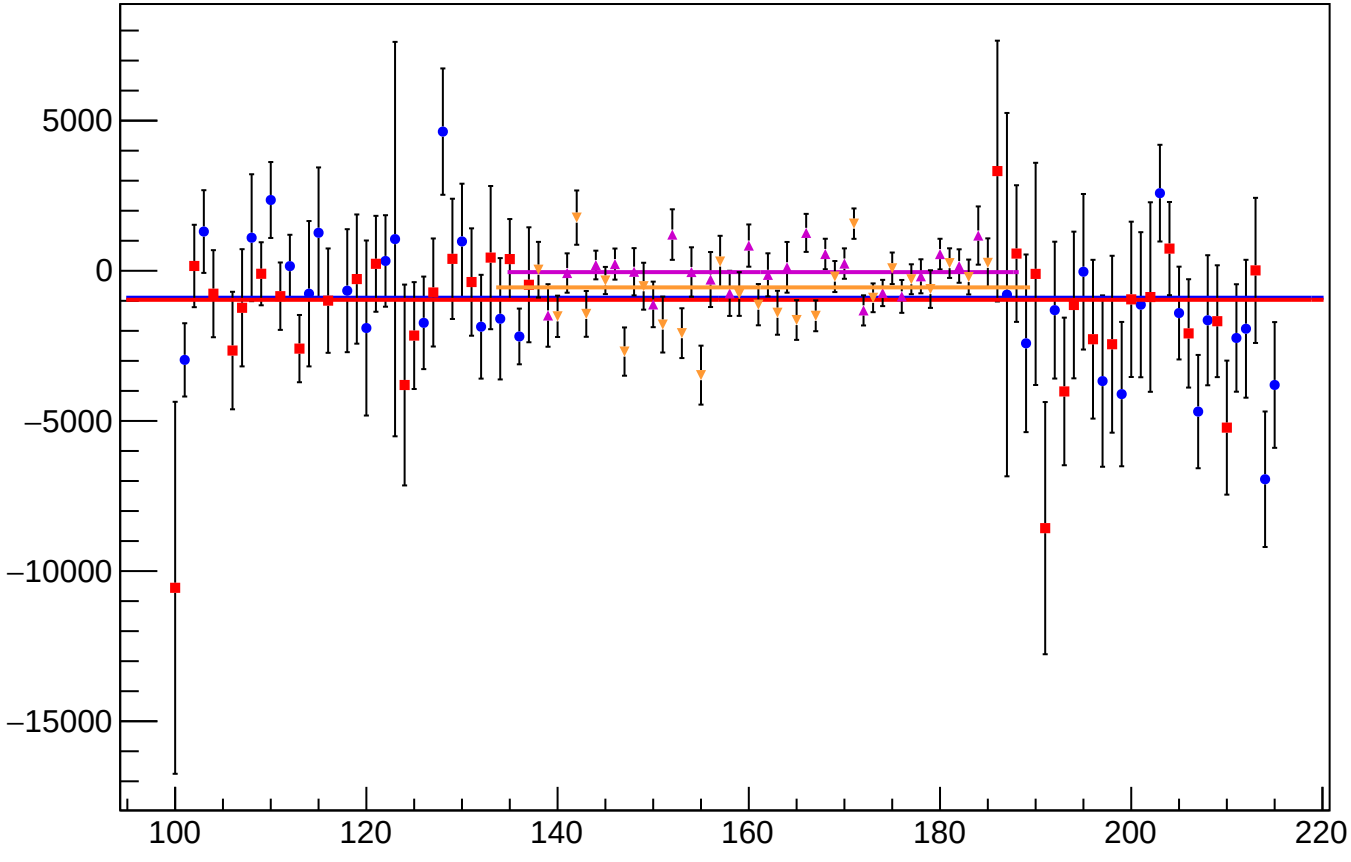
Left In: 62.250+/-0.011 χ^2/NDF:591085.1/22

+ sign 69.645+/-0.009 χ^2/NDF: 9746782.5/56

All: 69.757+/-0.006 χ^2/NDF: 19880758.1/113

- sign 69.875+/-0.009 χ^2/NDF: 10133652.7/56

asym_sam_37_avg_correction_mean vs Slug



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: -966.558+/-318.087 χ^2/NDF: 22.9/33

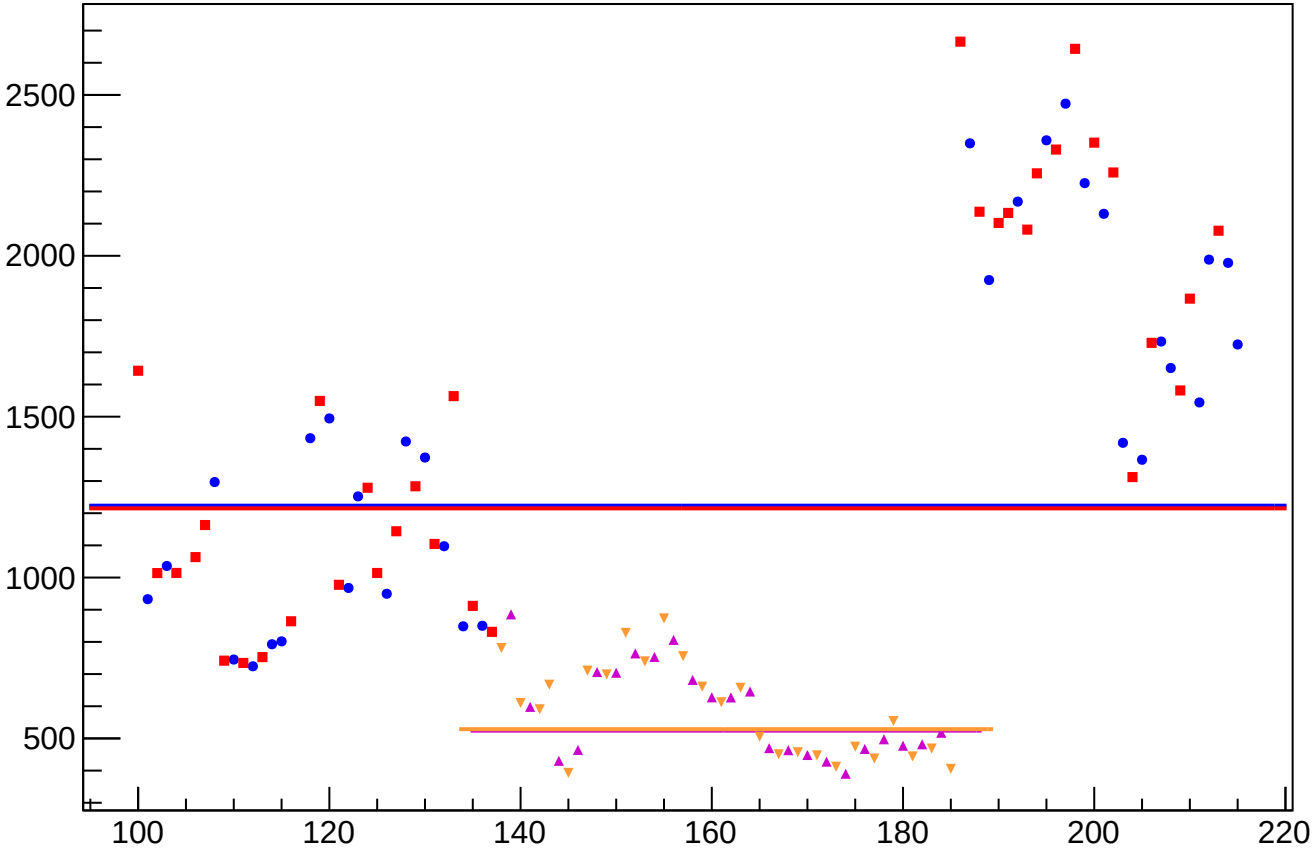
Left In: -44.578+/-129.095 χ^2/NDF:29.6/22

+ sign -600.266+/-117.841 χ^2/NDF: 114.6/56

All: -390.799+/-83.947 χ^2/NDF: 180.7/113

- sign -174.963+/-119.619 χ^2/NDF: 59.7/56

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: 1214.971+/-0.225 χ^2/NDF: 5137513.7/33

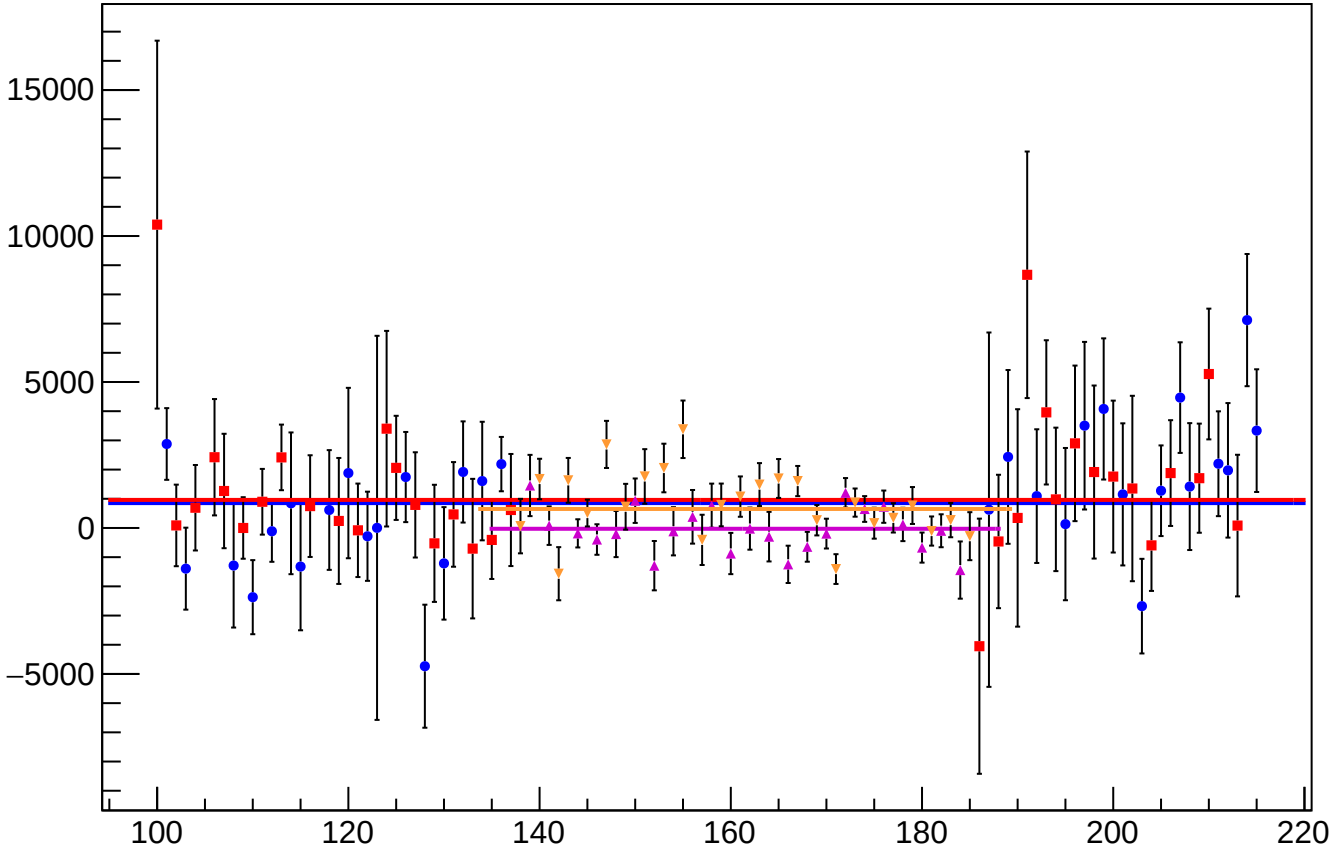
Left In: 524.268+/-0.091 χ^2/NDF:1716257.3/22

+ sign 625.134+/-0.083 χ^2/NDF: 14734438.2/56

All: 623.564+/-0.059 χ^2/NDF: 29685532.9/11

- sign 621.946+/-0.085 χ^2/NDF: 14950373.9/56

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: 961.400+/-319.688 χ^2/NDF: 21.9/33

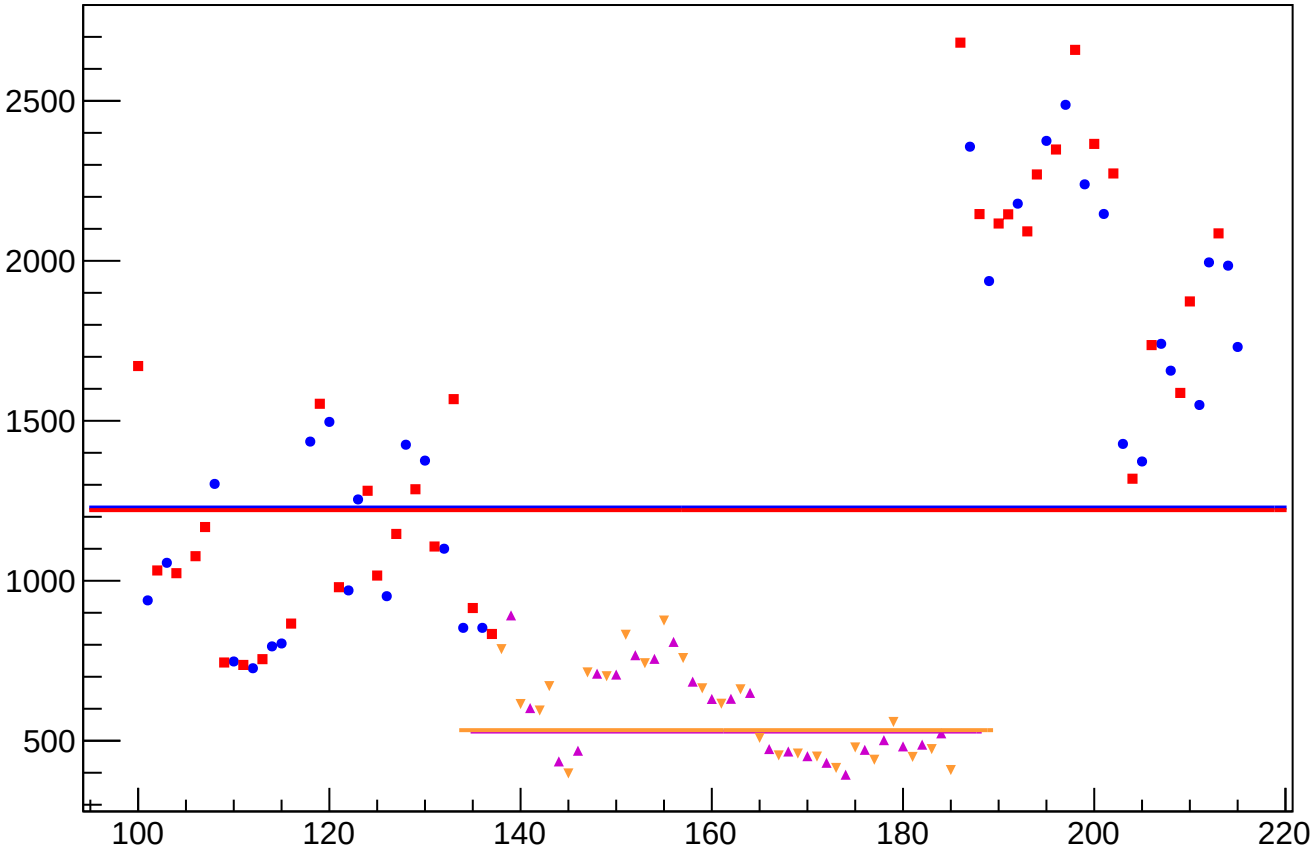
Left In: -27.483+/-130.127 χ^2/NDF:28.5/22

+ sign 679.500+/-118.700 χ^2/NDF: 109.2/56

All: 400.606+/-84.571 χ^2/NDF: 179.0/113

- sign 113.071+/-120.525 χ^2/NDF: 58.6/56

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: 1220.776+/-0.226 χ^2/NDF: 5144996.5/33

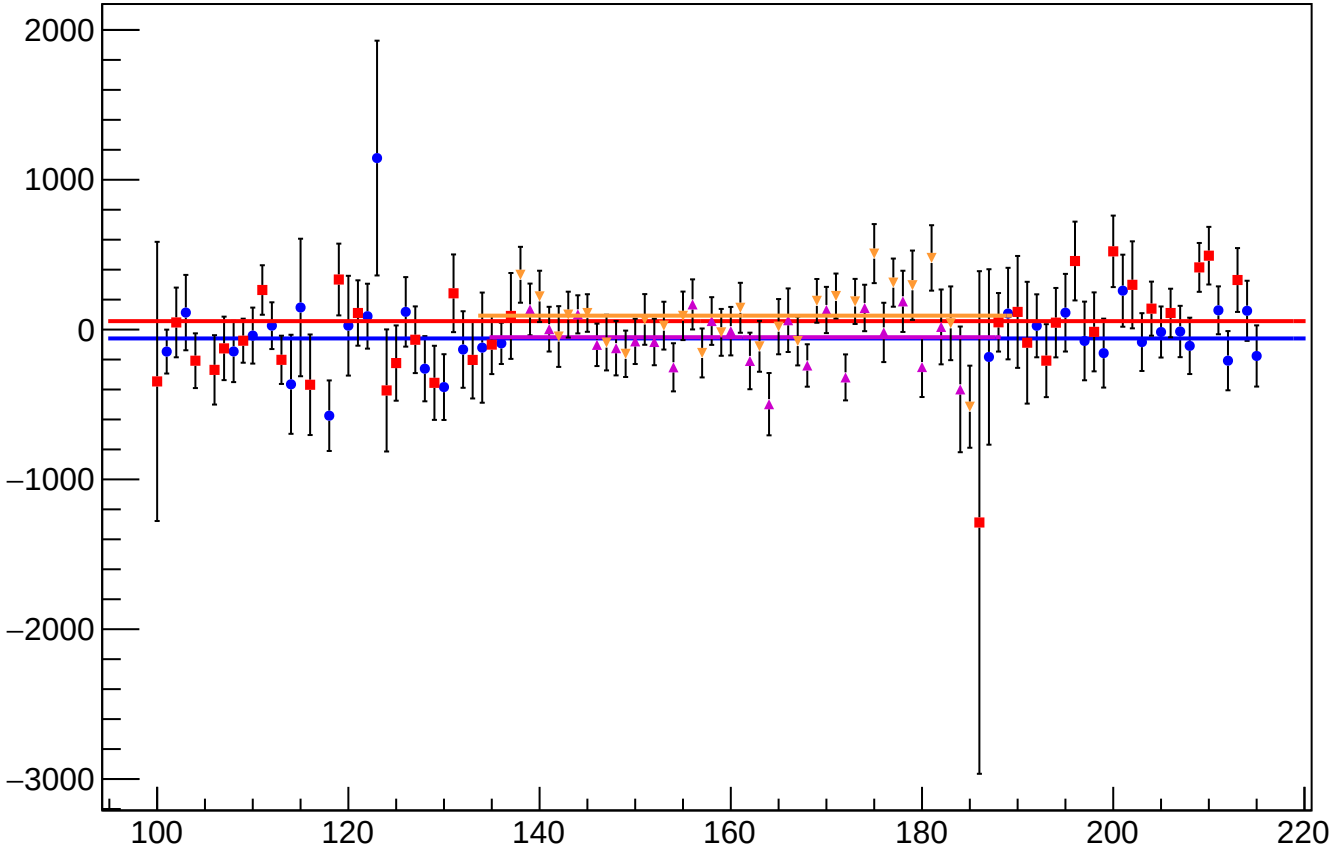
Left In: 528.694+/-0.092 χ^2/NDF:1688511.2/22

+ sign 630.144+/-0.084 χ^2/NDF: 14653116.2/56

All: 628.627+/-0.060 χ^2/NDF: 29528326.8/11

- sign 627.063+/-0.085 χ^2/NDF: 14874546.9/56

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: 56.315+/-38.502 χ^2/NDF: 41.6/33

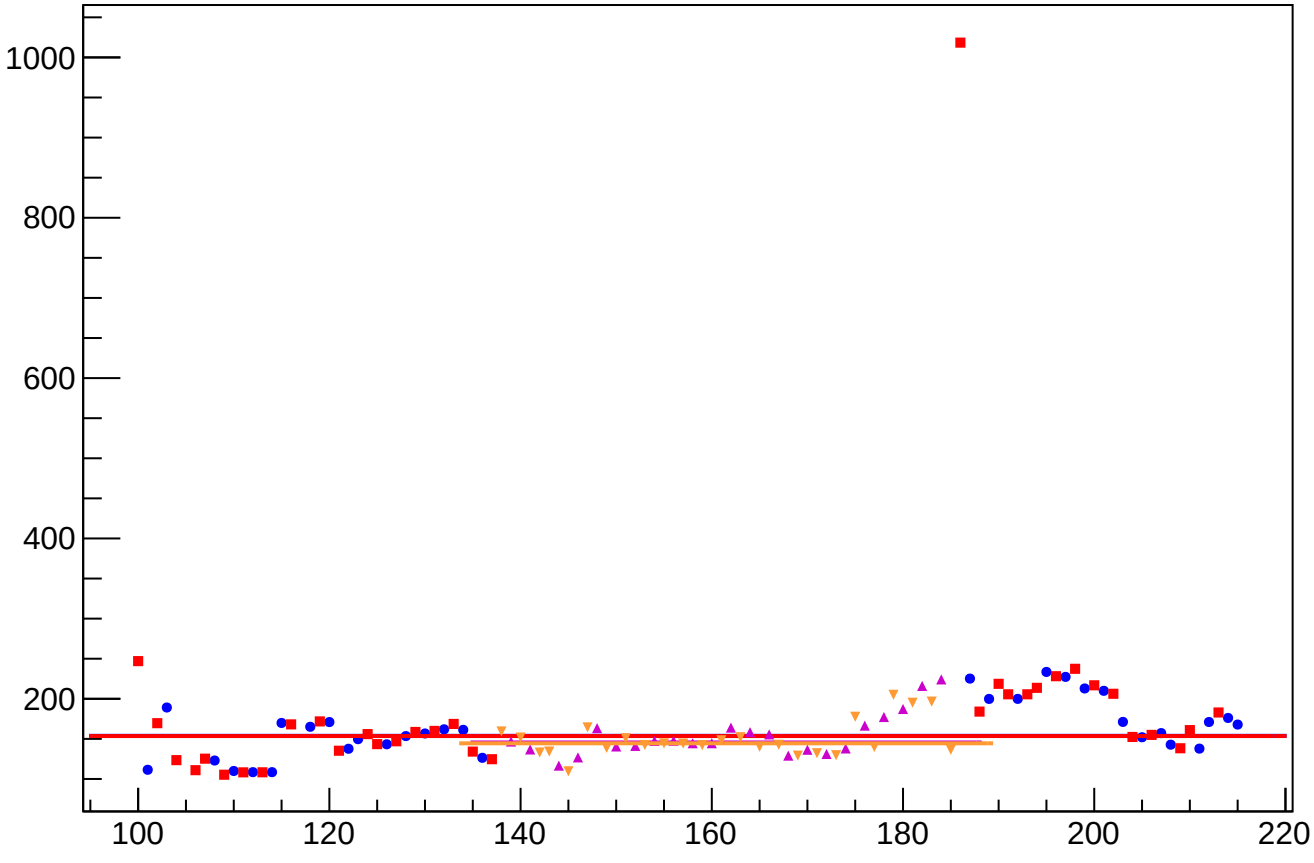
Left In: -50.896+/-35.280 χ^2/NDF:23.5/22

+ sign 25.088+/-25.342 χ^2/NDF: 58.4/56

All: 11.914+/-18.152 χ^2/NDF: 128.3/113

- sign -1.964+/-26.011 χ^2/NDF: 69.3/56

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: 153.524+/-0.027 χ^2/NDF: 2322637.7/33

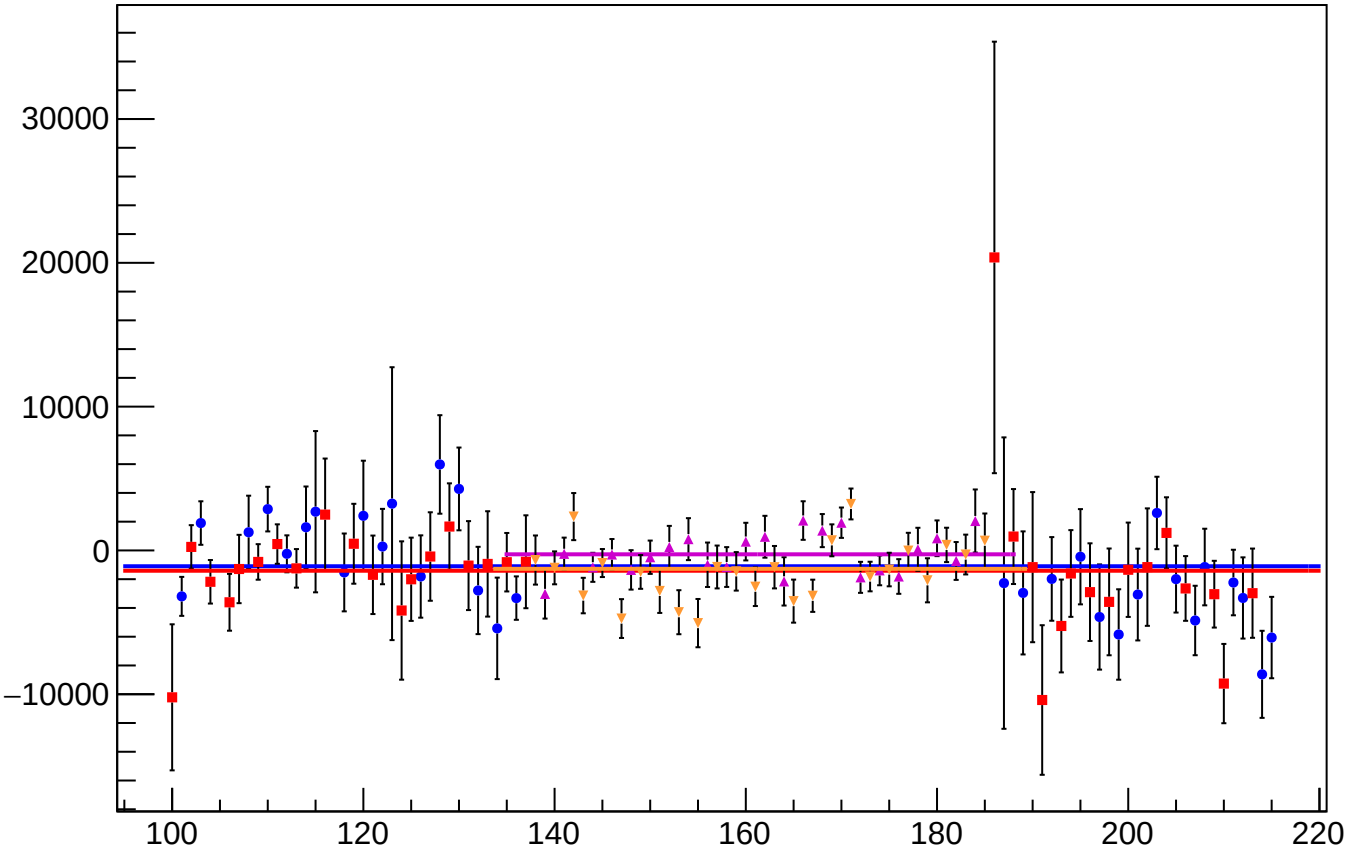
Left In: 145.535+/-0.025 χ^2/NDF:643529.3/22

+ sign 148.640+/-0.018 χ^2/NDF: 2267512.9/56

All: 148.904+/-0.013 χ^2/NDF: 5280935.1/113

- sign 149.181+/-0.018 χ^2/NDF: 3012978.9/56

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: -1411.791+/-415.896 χ^2/NDF: 28.8/33

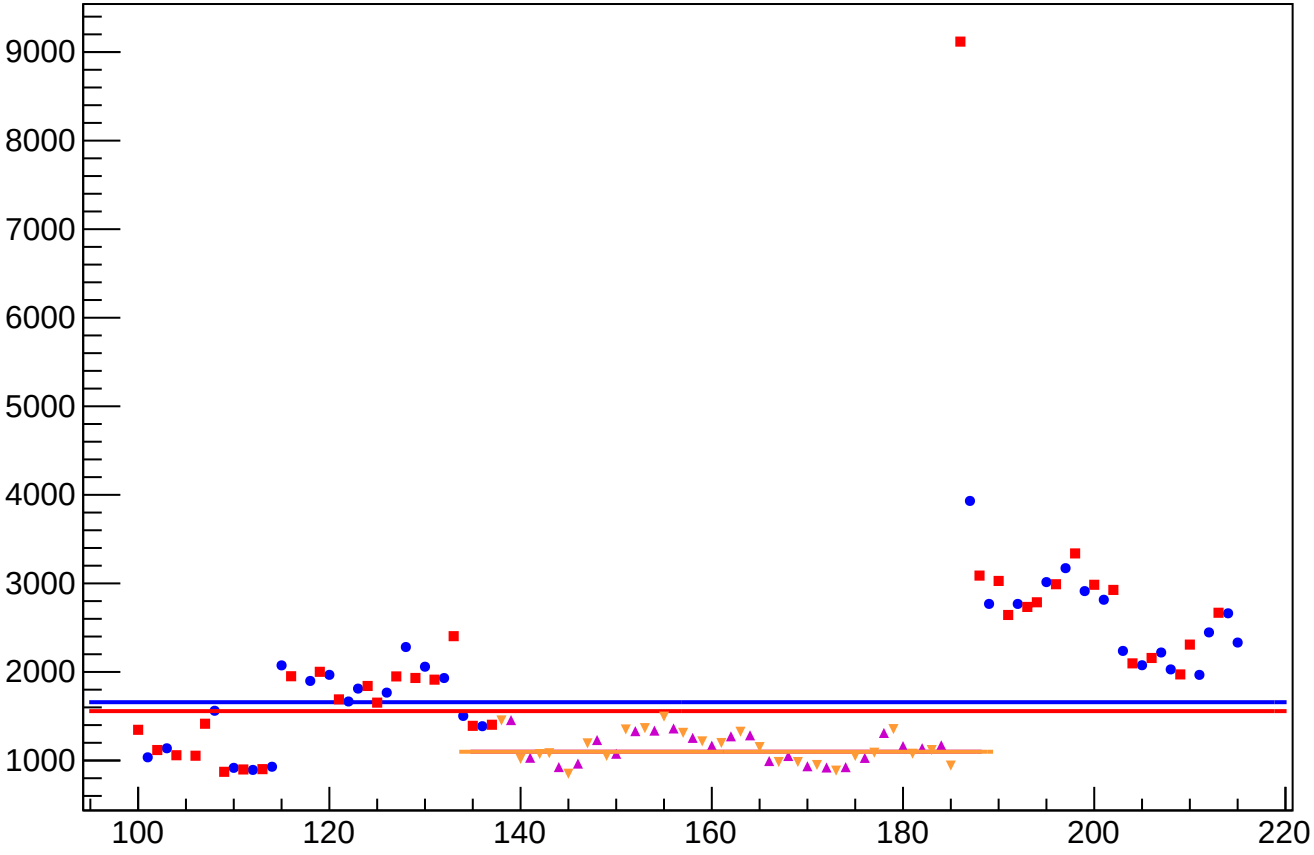
Left In: -269.952+/-266.245 χ^2/NDF:24.3/22

+ sign -1231.776+/-222.182 χ^2/NDF: 103.5/56

All: -919.719+/-157.827 χ^2/NDF: 165.9/113

- sign -601.873+/-224.233 χ^2/NDF: 58.4/56

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: 1557.788+/-0.294 χ^2/NDF: 6284857.9/33

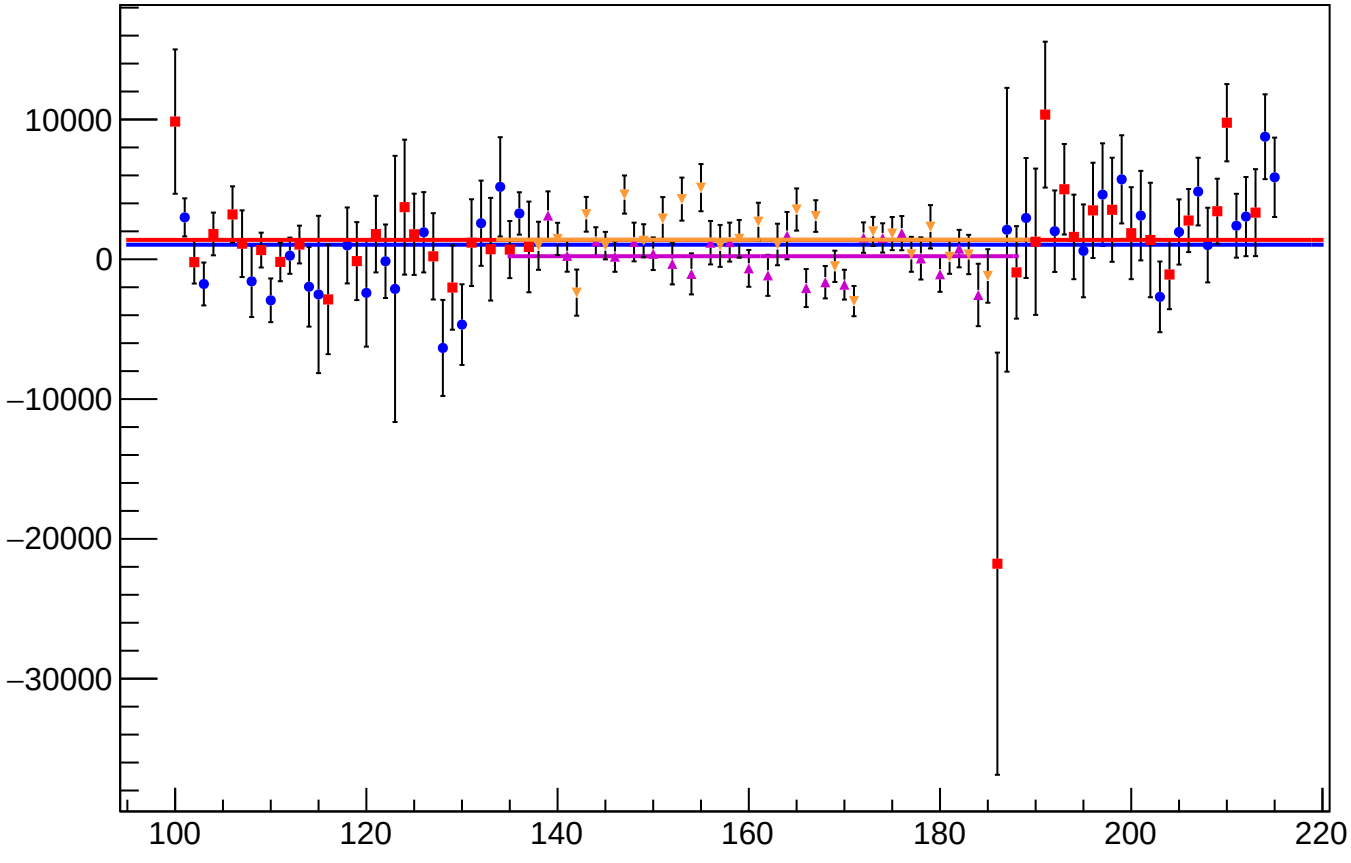
Left In: 1099.585+/-0.188 χ^2/NDF:679896.1/22

+ sign 1247.655+/-0.157 χ^2/NDF: 8118705.3/56

All: 1240.286+/-0.112 χ^2/NDF: 16809816.9/1

- sign 1232.780+/-0.159 χ^2/NDF: 8686670.5/56

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: 1388.254+/-418.555 χ^2/NDF: 29.3/33

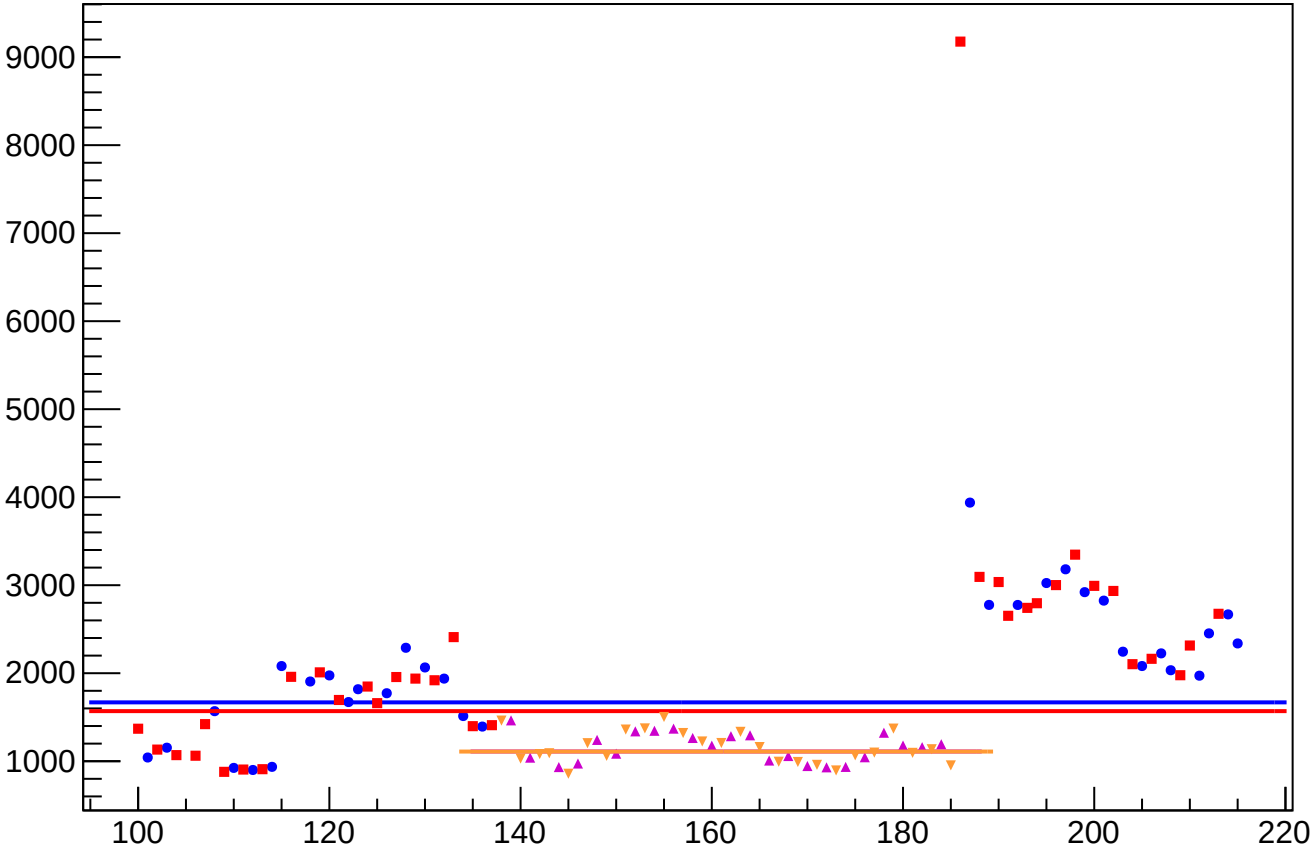
Left In: 219.393+/-268.852 χ^2/NDF:25.0/22

+ sign 1304.708+/-224.068 χ^2/NDF: 100.0/56

All: 936.286+/-159.191 χ^2/NDF: 165.3/113

- sign 560.797+/-226.206 χ^2/NDF: 59.8/56

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: 1569.184+/-0.296 χ^2/NDF: 6223966.3/33

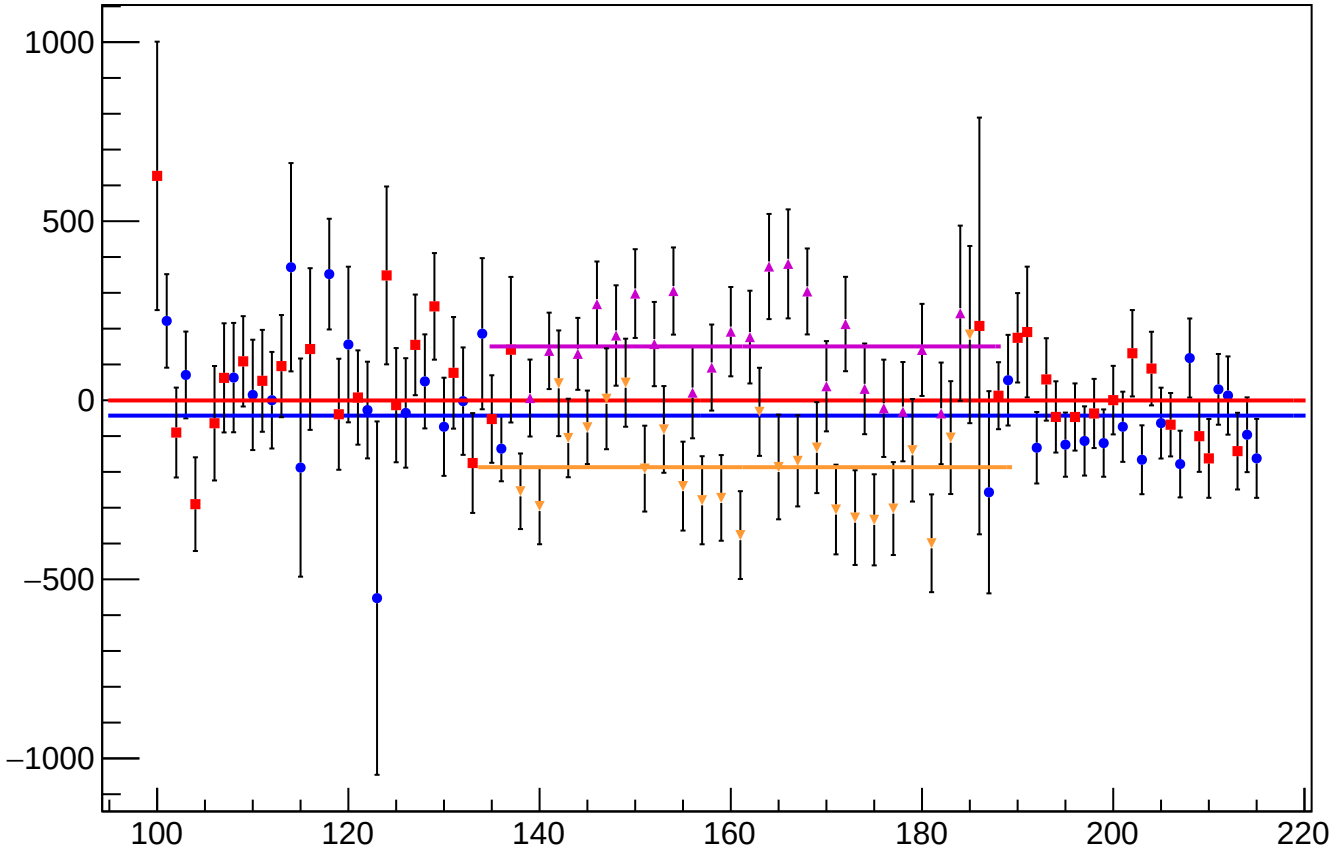
Left In: 1110.542+/-0.190 χ^2/NDF:669928.9/22

+ sign 1259.286+/-0.158 χ^2/NDF: 8018508.4/56

All: 1251.965+/-0.113 χ^2/NDF: 16616745.8/1

- sign 1244.503+/-0.160 χ^2/NDF: 8593926.2/56

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: -0.529+/-21.788 χ^2/NDF: 30.7/33

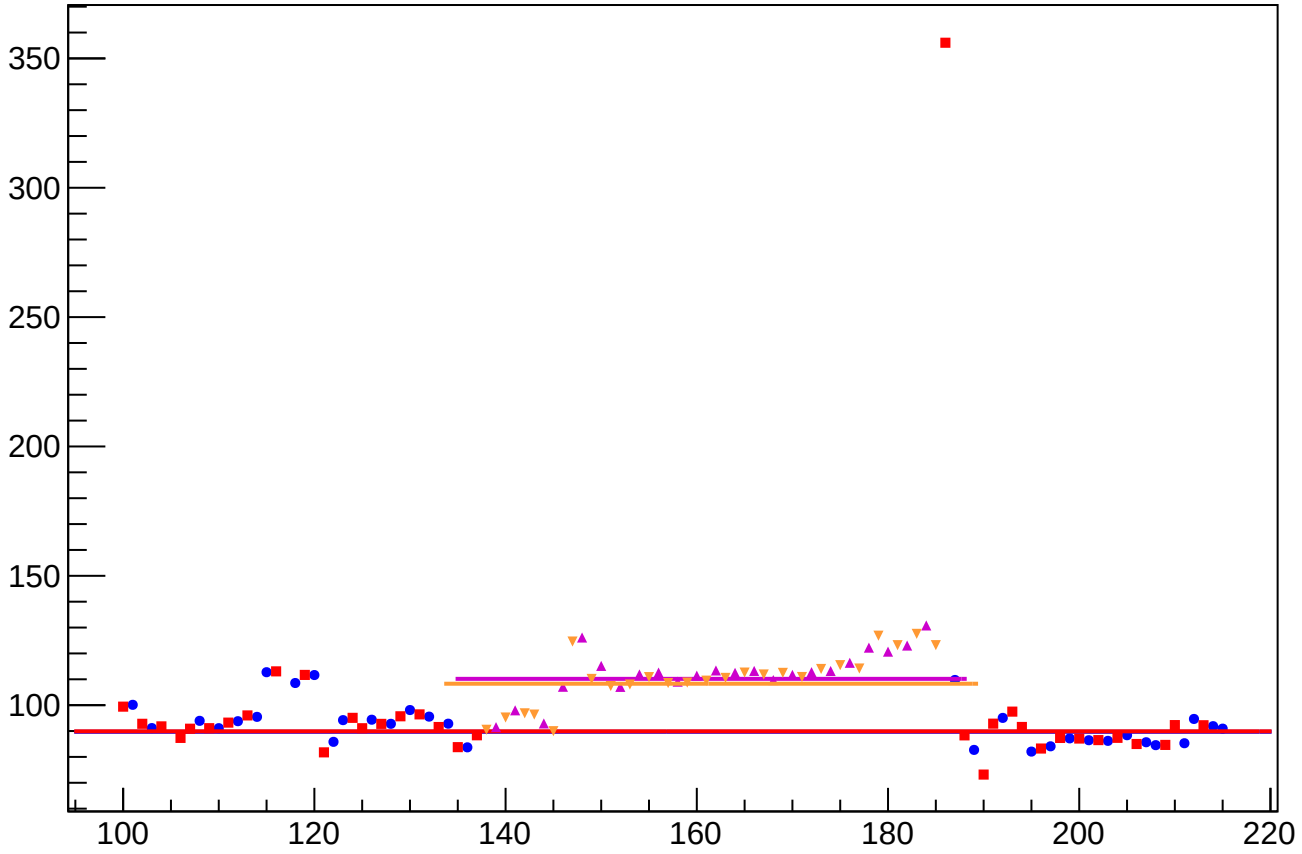
Left In: 150.315+/-26.445 χ^2/NDF:20.7/22

+ sign -103.515+/-16.425 χ^2/NDF: 76.9/56

All: -23.451+/-11.750 χ^2/NDF: 196.3/113

- sign 60.462+/-16.816 χ^2/NDF: 70.7/56

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: 89.893+/-0.015 χ^2/NDF: 584969.6/33

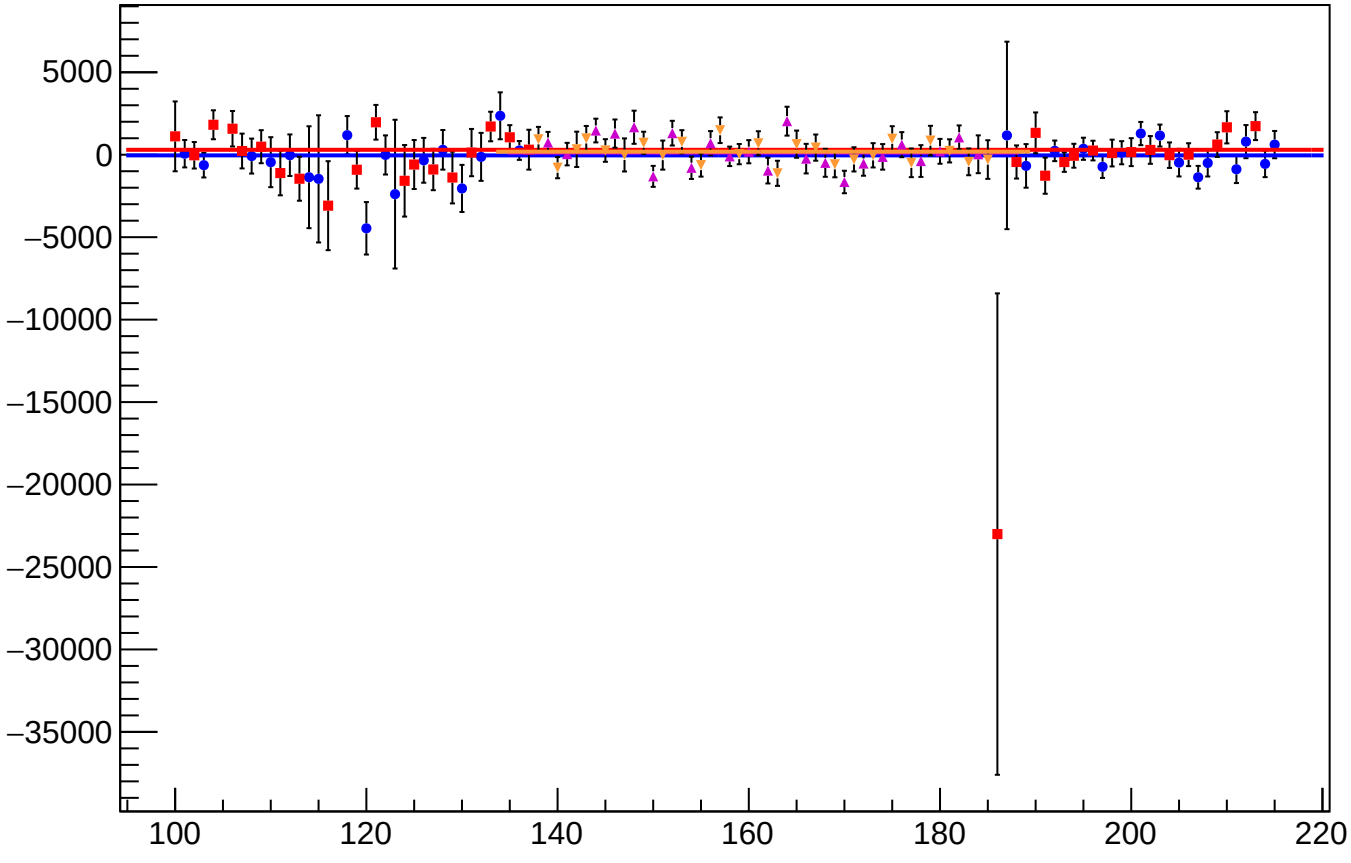
Left In: 110.173+/-0.019 χ^2/NDF:246967.7/22

+ sign 97.539+/-0.012 χ^2/NDF: 1124941.5/56

All: 97.809+/-0.008 χ^2/NDF: 2658595.7/113

- sign 98.093+/-0.012 χ^2/NDF: 1532541.4/56

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: 298.646+/-164.309 χ^2/NDF: 32.6/33

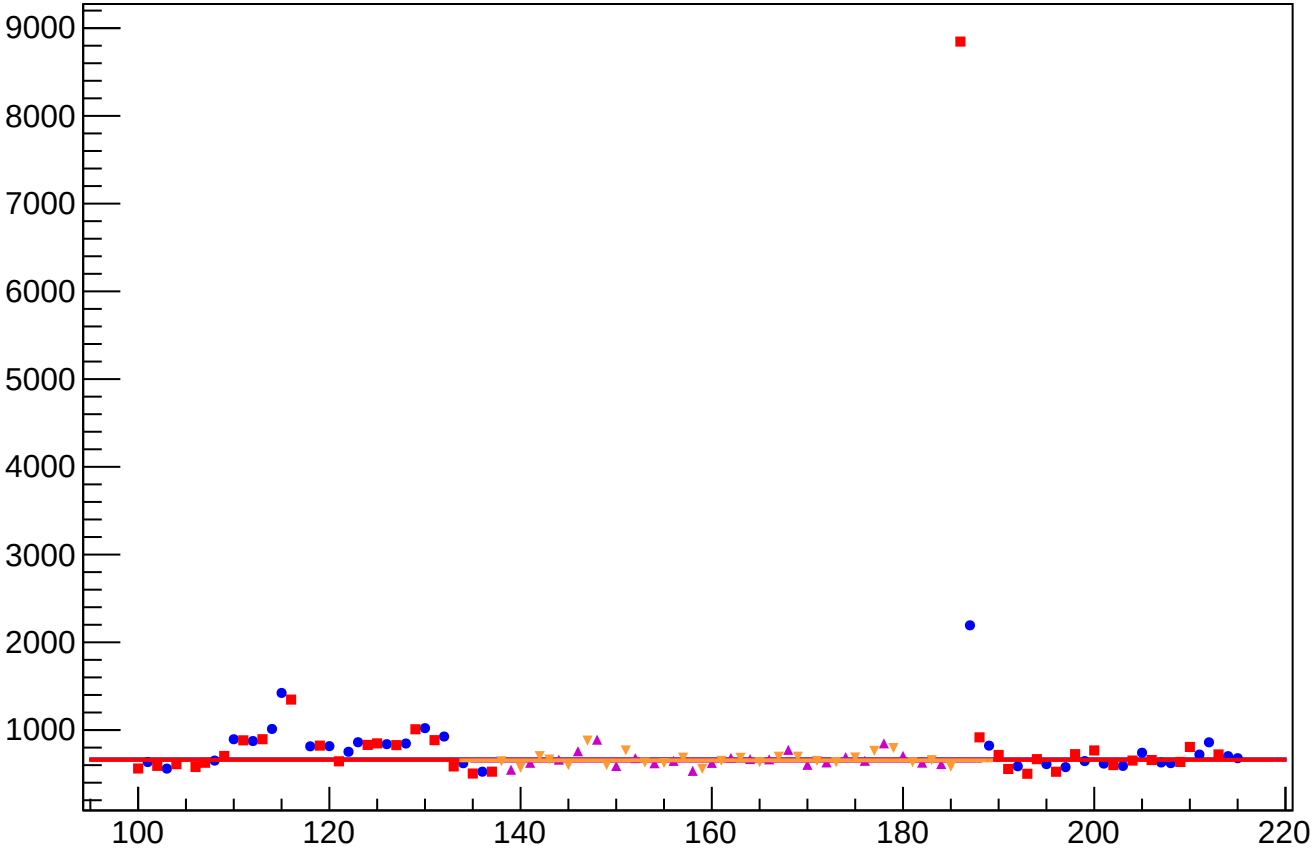
Left In: 128.782+/-157.155 χ^2/NDF:36.2/22

+ sign 79.868+/-112.018 χ^2/NDF: 50.5/56

All: 144.007+/-79.752 χ^2/NDF: 120.5/113

- sign 209.936+/-113.570 χ^2/NDF: 69.4/56

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: 659.976+/-0.116 χ^2/NDF: 1826552.2/33

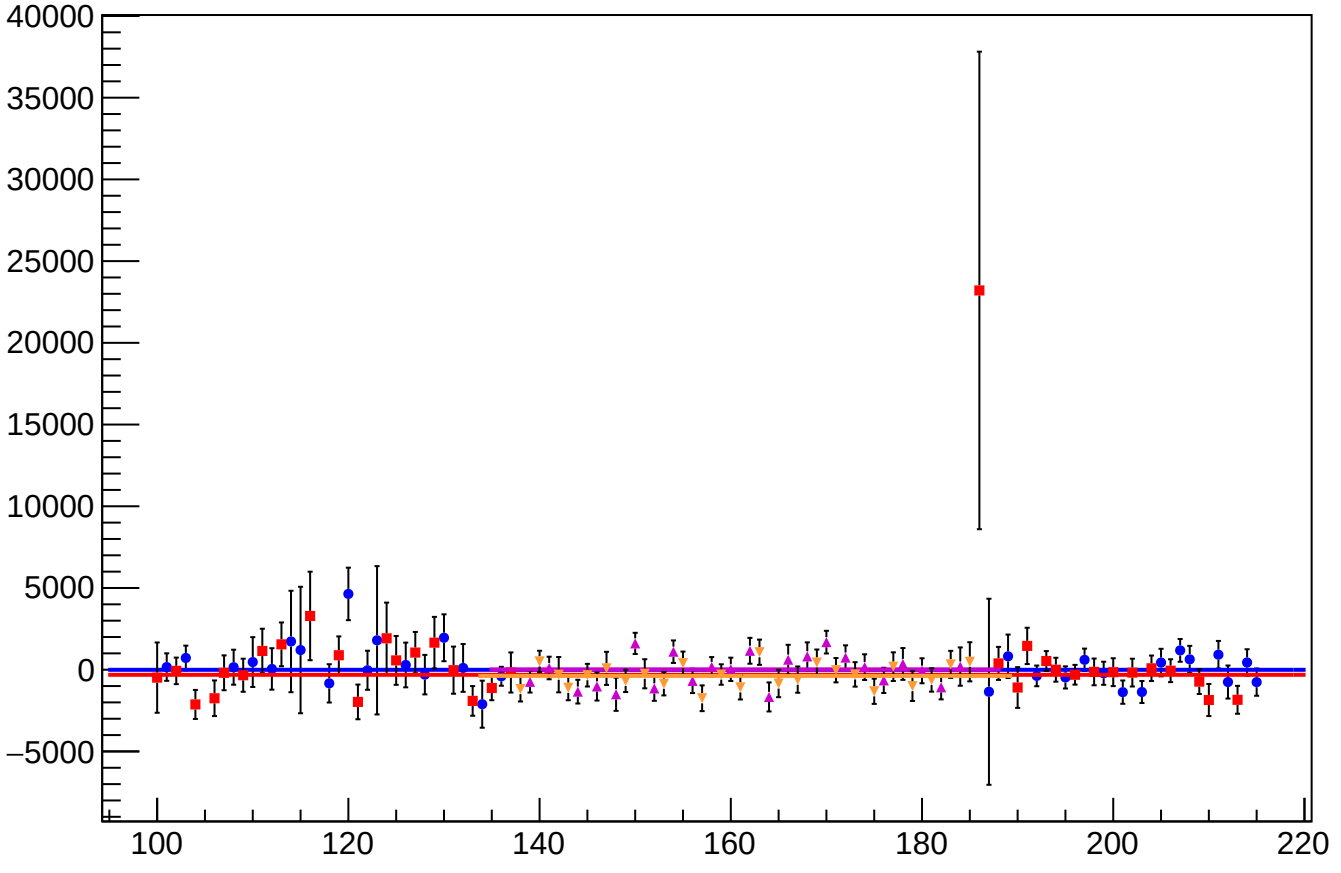
Left In: 650.883+/-0.111 χ^2/NDF:466116.8/22

+ sign 660.304+/-0.079 χ^2/NDF: 1474442.9/56

All: 657.801+/-0.056 χ^2/NDF: 3772336.5/113

- sign 655.227+/-0.080 χ^2/NDF: 2295867.7/56

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: -311.336+/-166.031 χ^2/NDF: 37.4/33

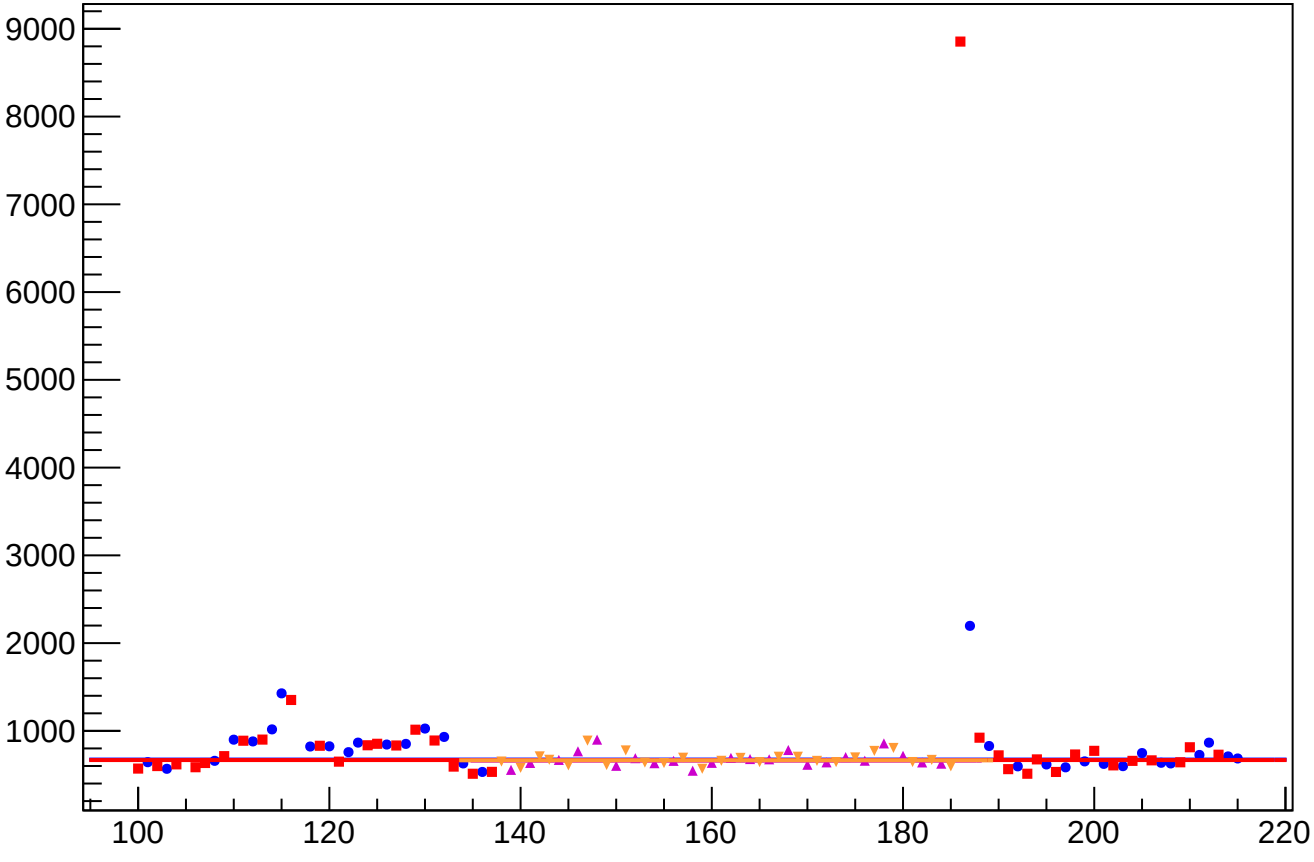
Left In: 14.768+/-159.513 χ^2/NDF:37.2/22

\+ sign -203.518+/-113.389 χ^2/NDF: 53.2/56

All: -173.081+/-80.751 χ^2/NDF: 129.9/113

\- sign -141.758+/-115.028 χ^2/NDF: 76.6/56

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: 667.455+/-0.117 χ^2/NDF: 1788076.5/33

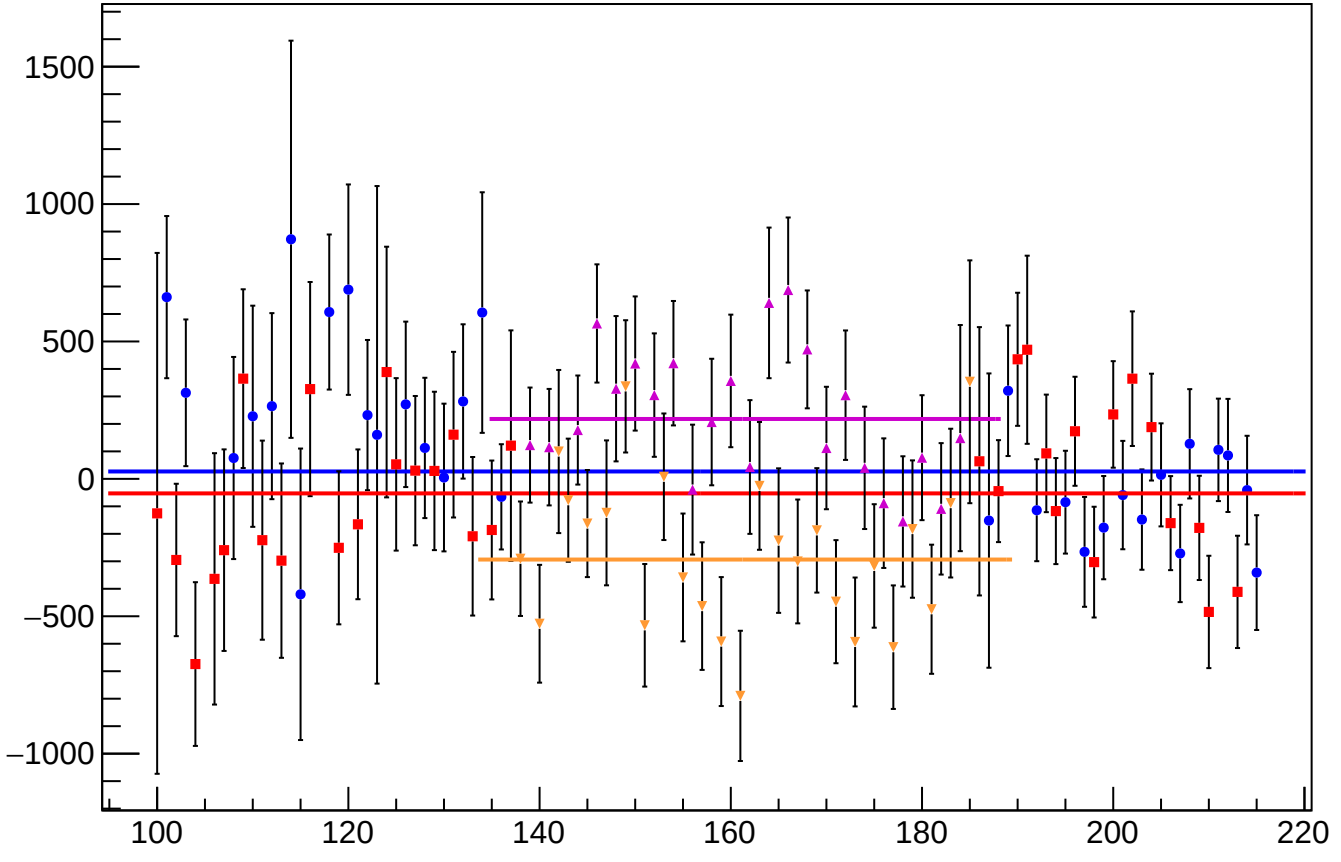
Left In: 660.890+/-0.113 χ^2/NDF:449180.0/22

+ sign 668.686+/-0.080 χ^2/NDF: 1436841.3/56

All: 666.397+/-0.057 χ^2/NDF: 3677377.5/113

- sign 664.041+/-0.081 χ^2/NDF: 2238882.5/56

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: -52.863+/-43.950 χ^2/NDF: 37.2/33

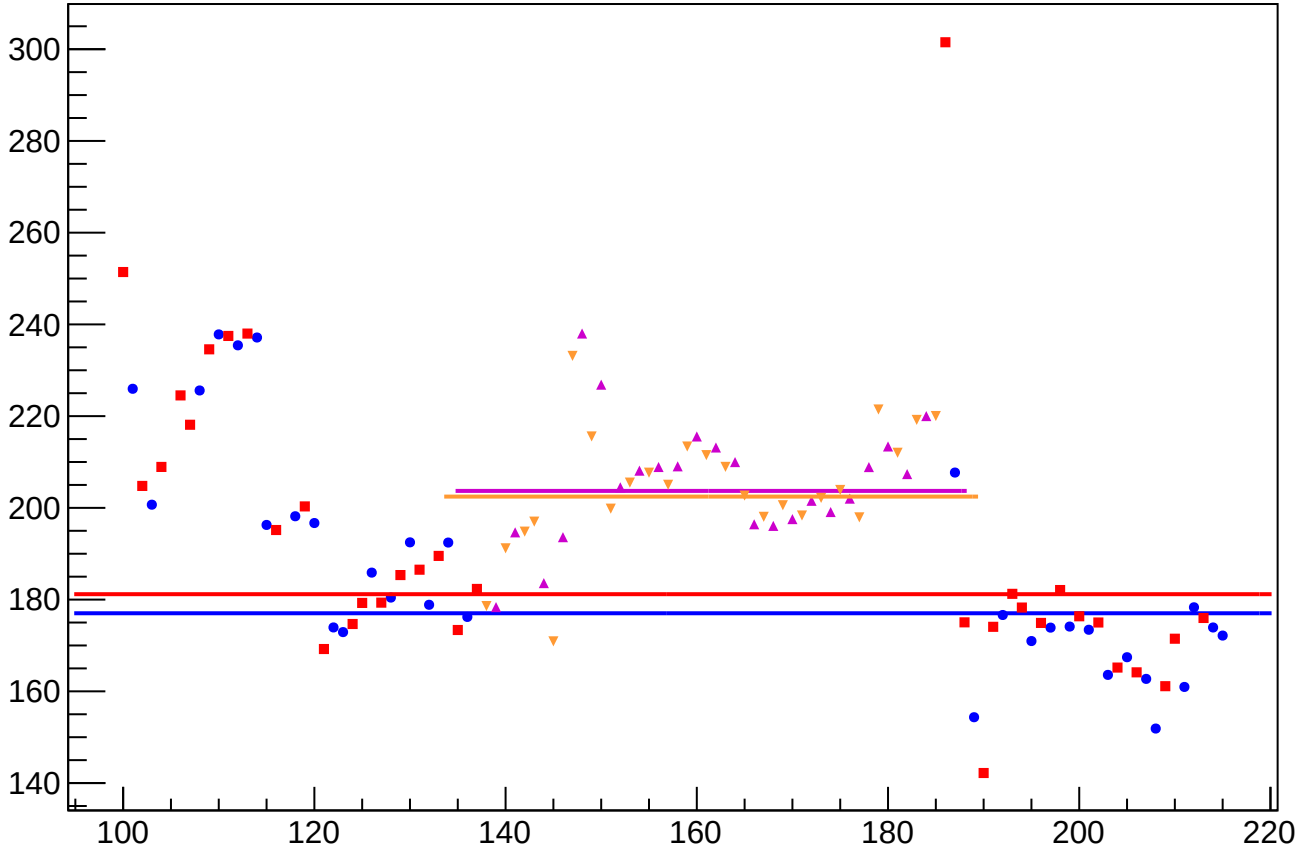
Left In: 217.964+/-48.819 χ^2/NDF:21.3/22

+ sign -117.509+/-31.687 χ^2/NDF: 89.2/56

All: -27.386+/-22.744 χ^2/NDF: 181.4/113

- sign 68.377+/-32.664 χ^2/NDF: 75.5/56

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: 181.181+/-0.031 χ^2/NDF: 498905.6/33

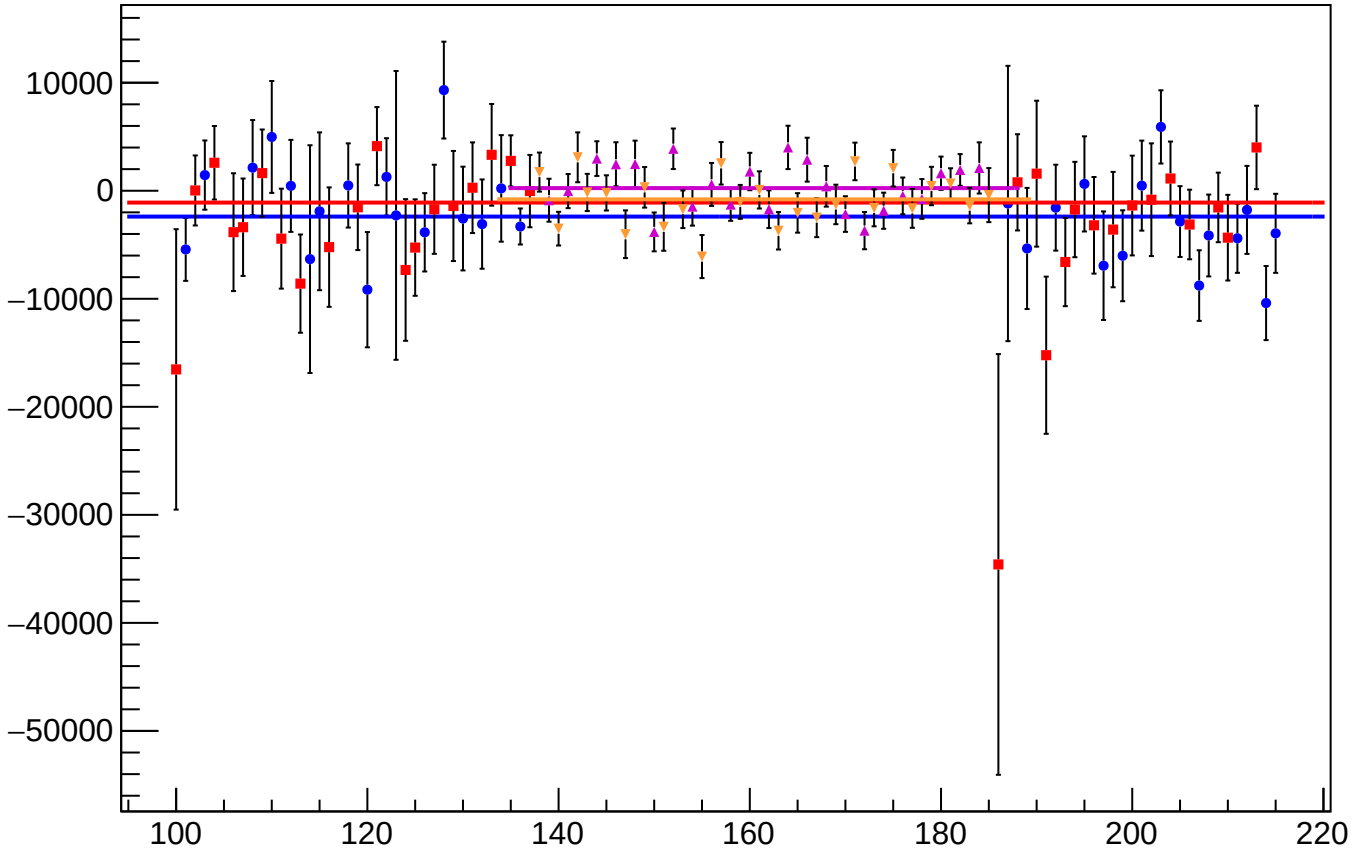
Left In: 203.699+/-0.035 χ^2/NDF:136193.4/22

+ sign 188.485+/-0.022 χ^2/NDF: 839155.0/56

All: 189.831+/-0.016 χ^2/NDF: 1716720.1/113

- sign 191.261+/-0.023 χ^2/NDF: 870120.8/56

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: -1094.673+/-721.170 χ^2/NDF: 27.7/33

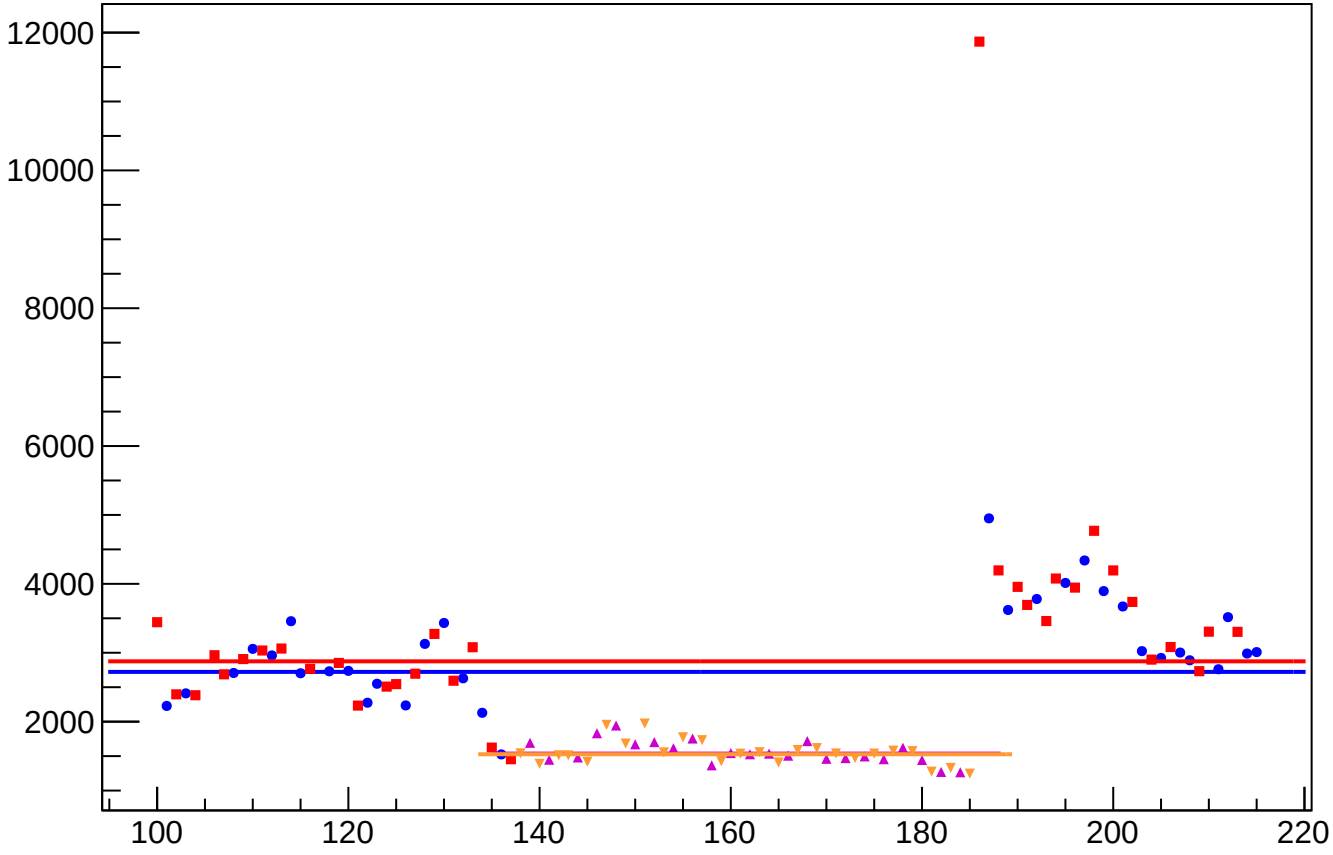
Left In: 245.102+/-369.846 χ^2/NDF:35.7/22

+ sign -1143.061+/-316.587 χ^2/NDF: 76.0/56

All: -609.950+/-228.154 χ^2/NDF: 148.0/113

- sign -33.891+/-329.093 χ^2/NDF: 66.2/56

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: 2875.412+/-0.510 χ^2/NDF: 2641340.1/33

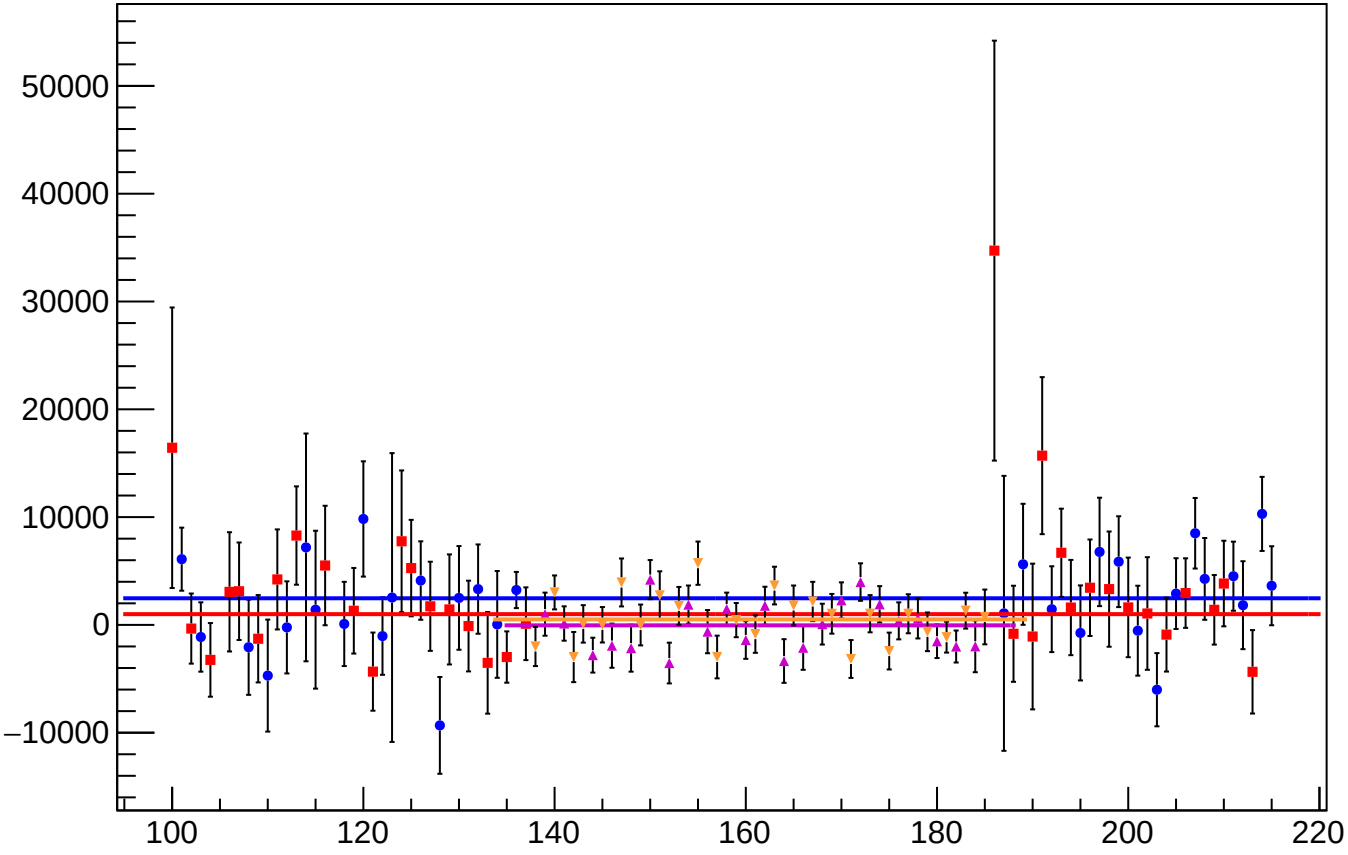
Left In: 1536.538+/-0.262 χ^2/NDF:350373.3/22

+ sign 1786.521+/-0.224 χ^2/NDF: 7572586.9/56

All: 1800.374+/-0.161 χ^2/NDF: 16030196.9/1

- sign 1815.343+/-0.233 χ^2/NDF: 8449643.0/56

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: 997.669+/-723.296 χ^2/NDF: 28.4/33

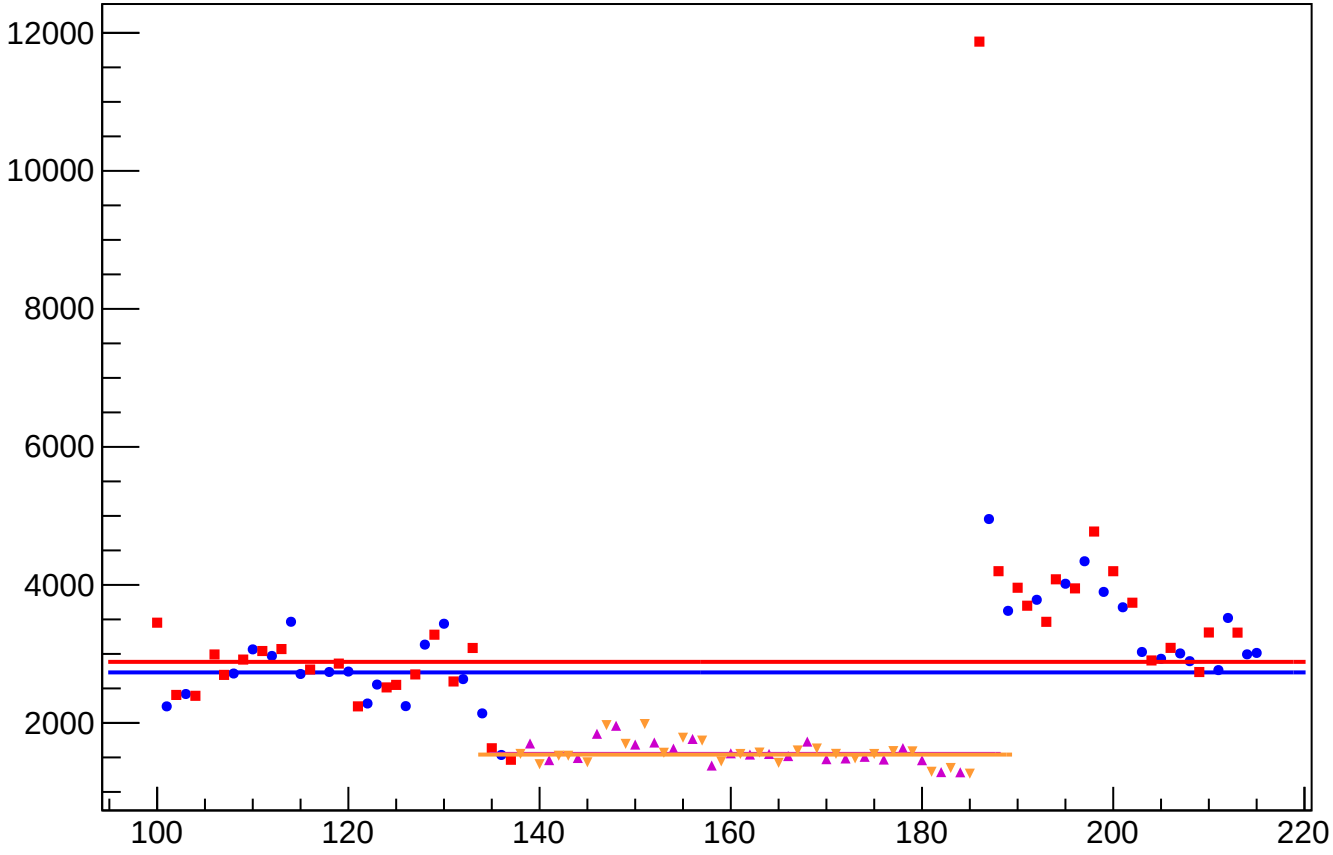
Left In: -40.080+/-373.261 χ^2/NDF:33.6/22

+ sign 938.351+/-319.095 χ^2/NDF: 77.4/56

All: 572.973+/-229.961 χ^2/NDF: 143.8/113

- sign 178.165+/-331.697 χ^2/NDF: 63.6/56

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: 2884.873+/-0.511 χ^2/NDF: 2615213.9/33

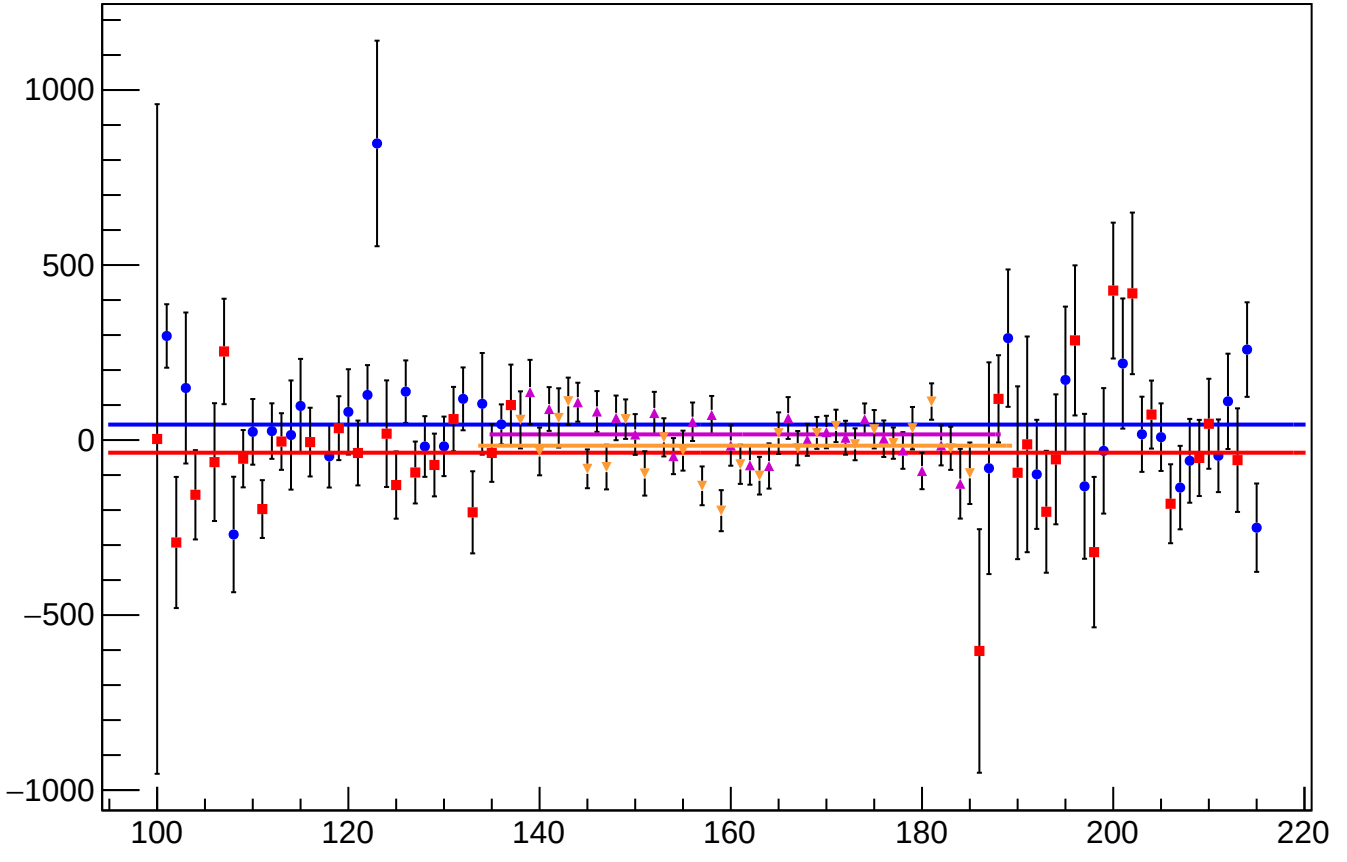
Left In: 1551.063+/-0.264 χ^2/NDF:338898.9/22

+ sign 1802.555+/-0.226 χ^2/NDF: 7446211.1/56

All: 1816.502+/-0.163 χ^2/NDF: 15779132.2/1

- sign 1831.572+/-0.235 χ^2/NDF: 8324972.3/56

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: -36.123+/-20.408 χ^2/NDF: 39.5/33

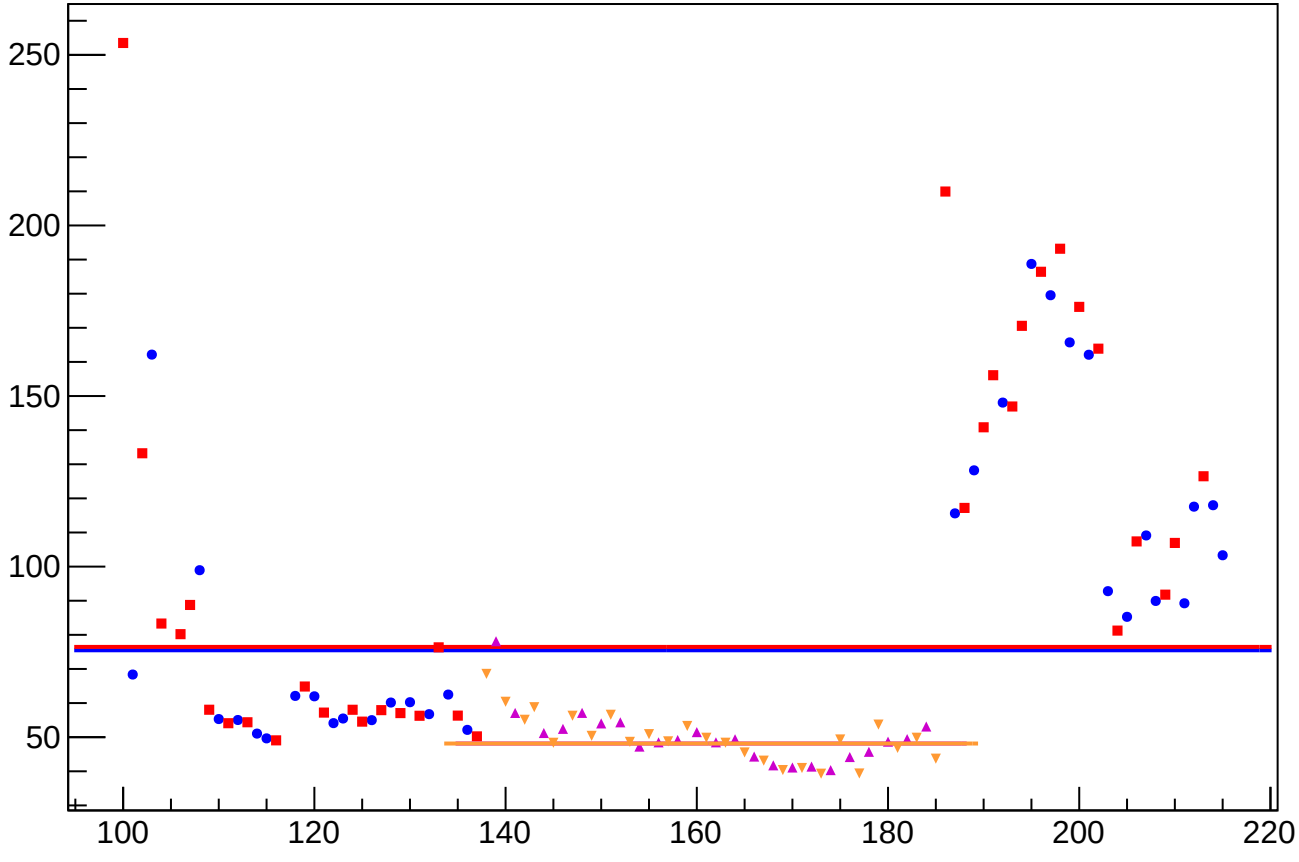
Left In: 16.162+/-11.649 χ^2/NDF:25.2/22

+ sign -1.174+/-9.841 χ^2/NDF: 88.1/56

All: 1.007+/-7.054 χ^2/NDF: 157.9/113

- sign 3.312+/-10.117 χ^2/NDF: 69.7/56

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: 76.463+/-0.014 χ^2/NDF: 5662339.2/33

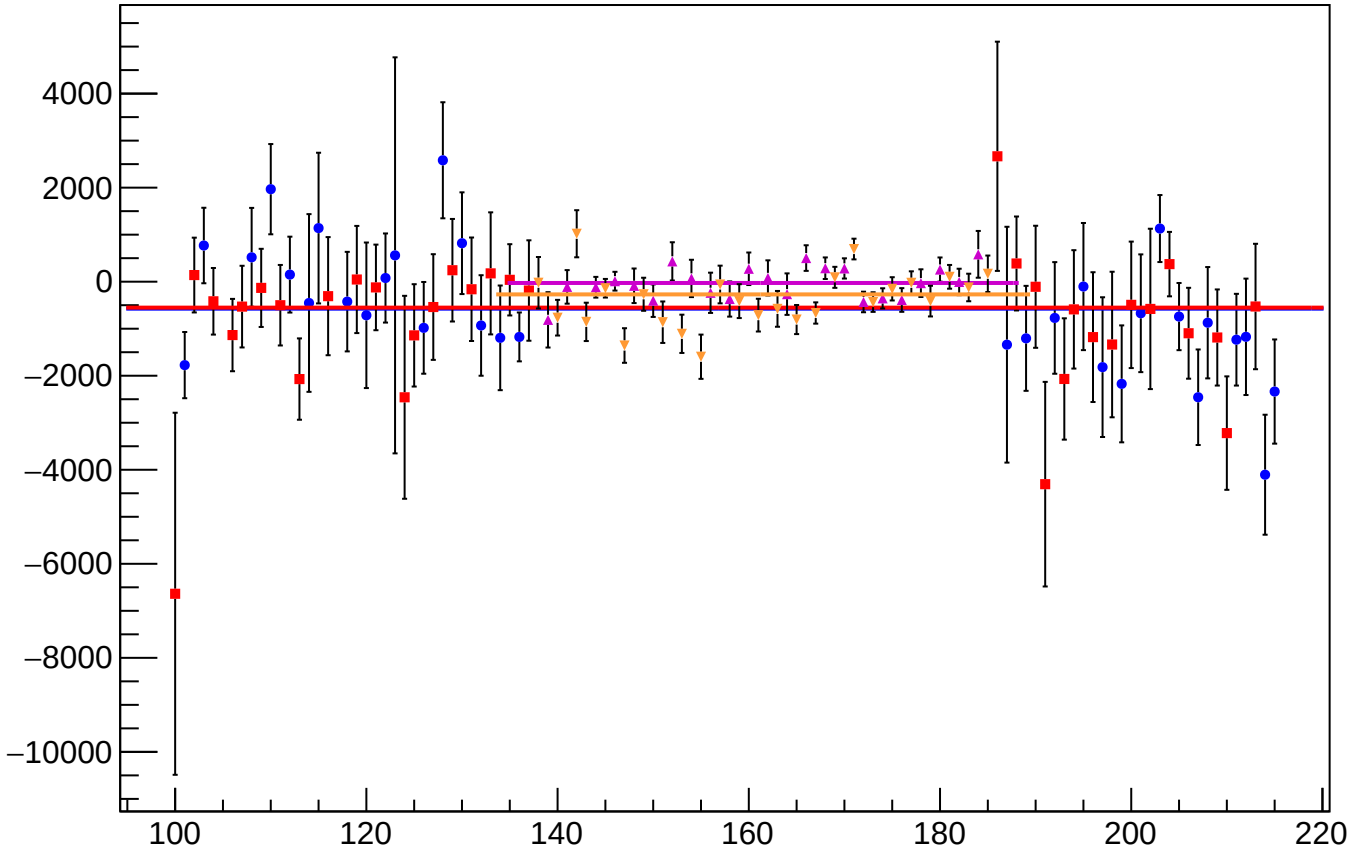
Left In: 48.139+/-0.008 χ^2/NDF:575025.5/22

+ sign 54.888+/-0.007 χ^2/NDF: 8549384.9/56

All: 54.991+/-0.005 χ^2/NDF: 17692820.1/113

- sign 55.100+/-0.007 χ^2/NDF: 9142984.2/56

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: -551.846+/-180.781 χ^2/NDF: 25.5/33

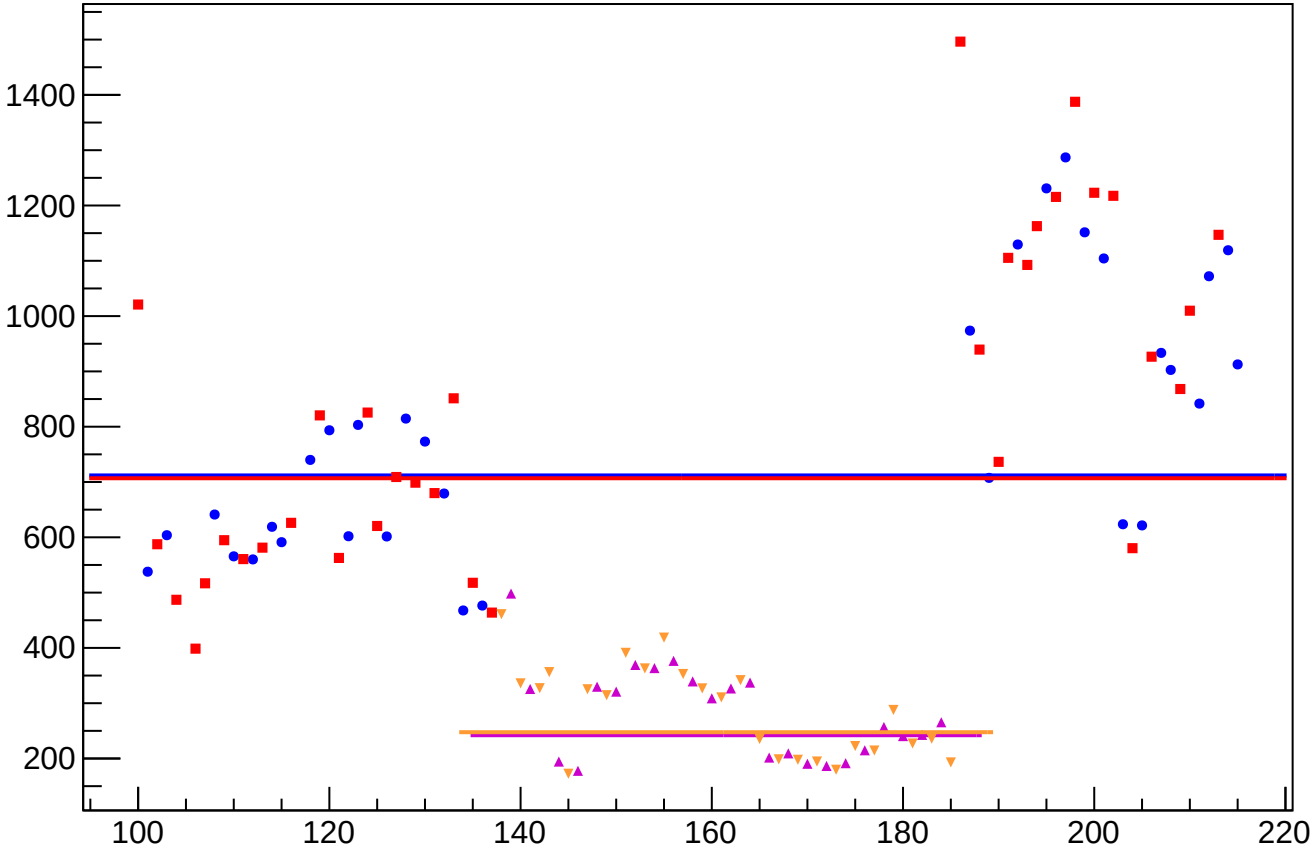
Left In: -27.271+/-60.430 χ^2/NDF:25.1/22

+ sign -300.718+/-57.070 χ^2/NDF: 122.2/56

All: -190.825+/-40.440 χ^2/NDF: 187.8/113

- sign -79.995+/-57.313 χ^2/NDF: 58.1/56

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: 706.784+/-0.128 χ^2/NDF: 3680657.8/33

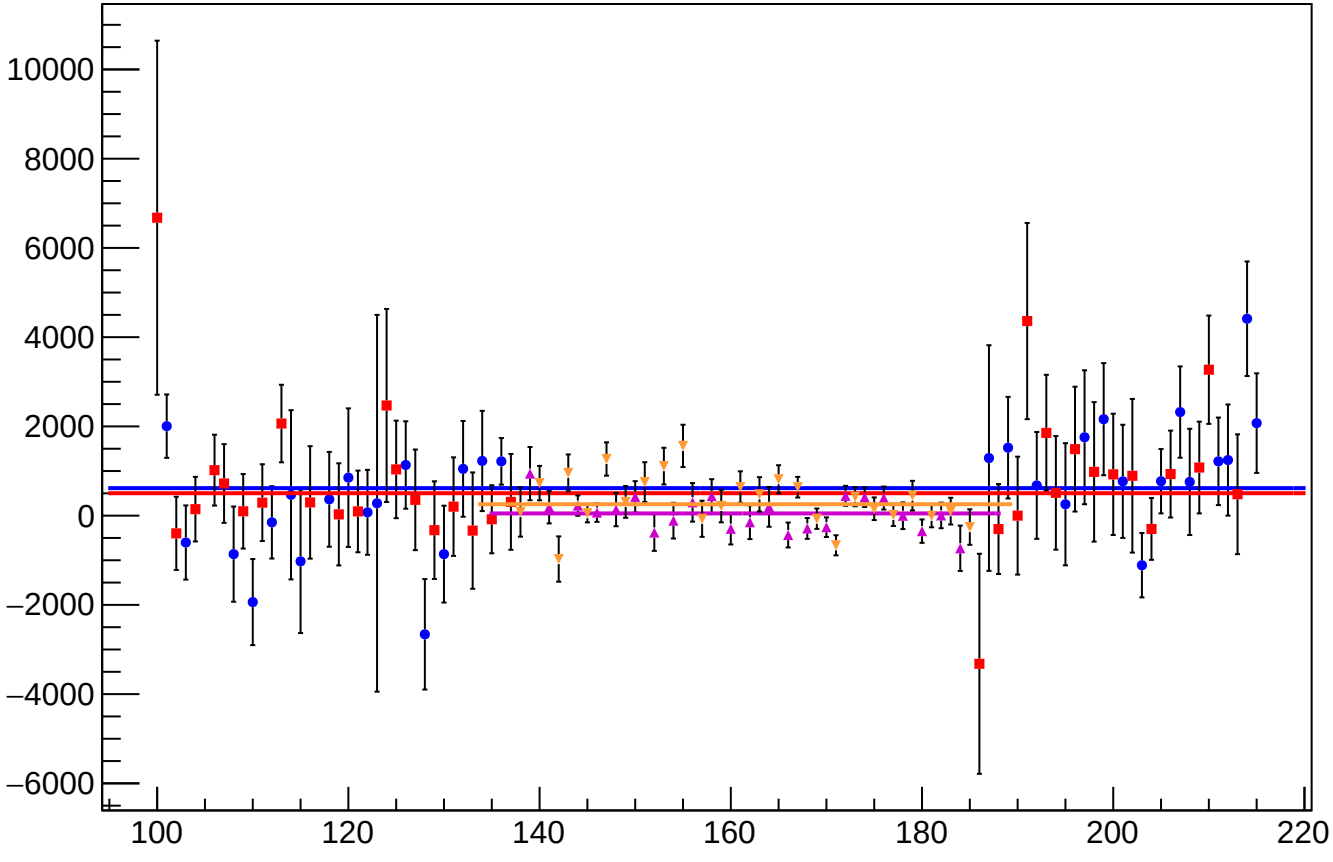
Left In: 242.117+/-0.043 χ^2/NDF:2466108.9/22

\+ sign 294.284+/-0.040 χ^2/NDF: 17643522.9/56

All: 291.563+/-0.029 χ^2/NDF: 35684582.7/11

\- sign 288.819+/-0.041 χ^2/NDF: 18031930.0/56

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: 502.472+/-182.736 χ^2/NDF: 26.2/33

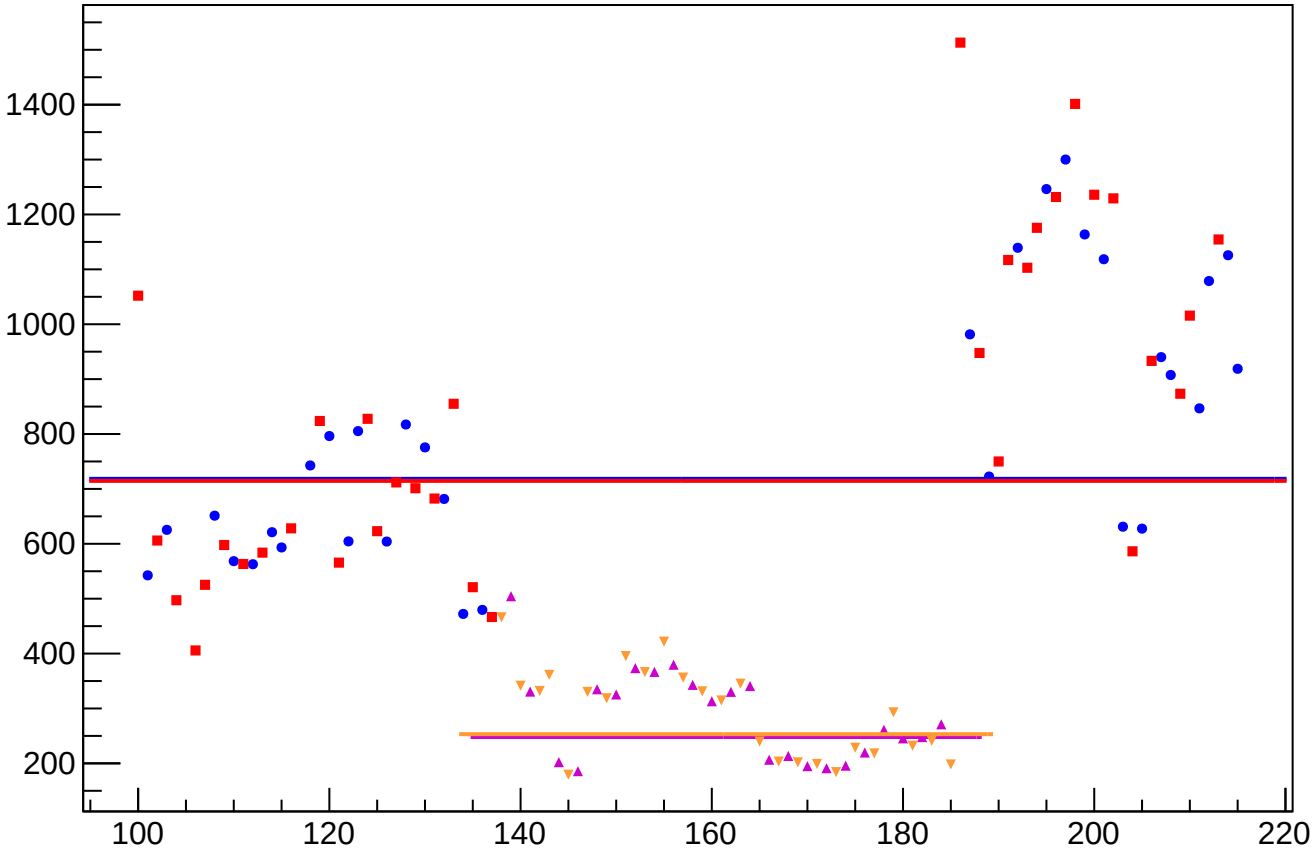
Left In: 49.832+/-61.781 χ^2/NDF:27.5/22

+ sign 293.044+/-58.179 χ^2/NDF: 117.9/56

All: 195.240+/-41.261 χ^2/NDF: 182.7/113

- sign 96.263+/-58.527 χ^2/NDF: 59.2/56

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: 714.643+/-0.129 χ^2/NDF: 3644834.3/33

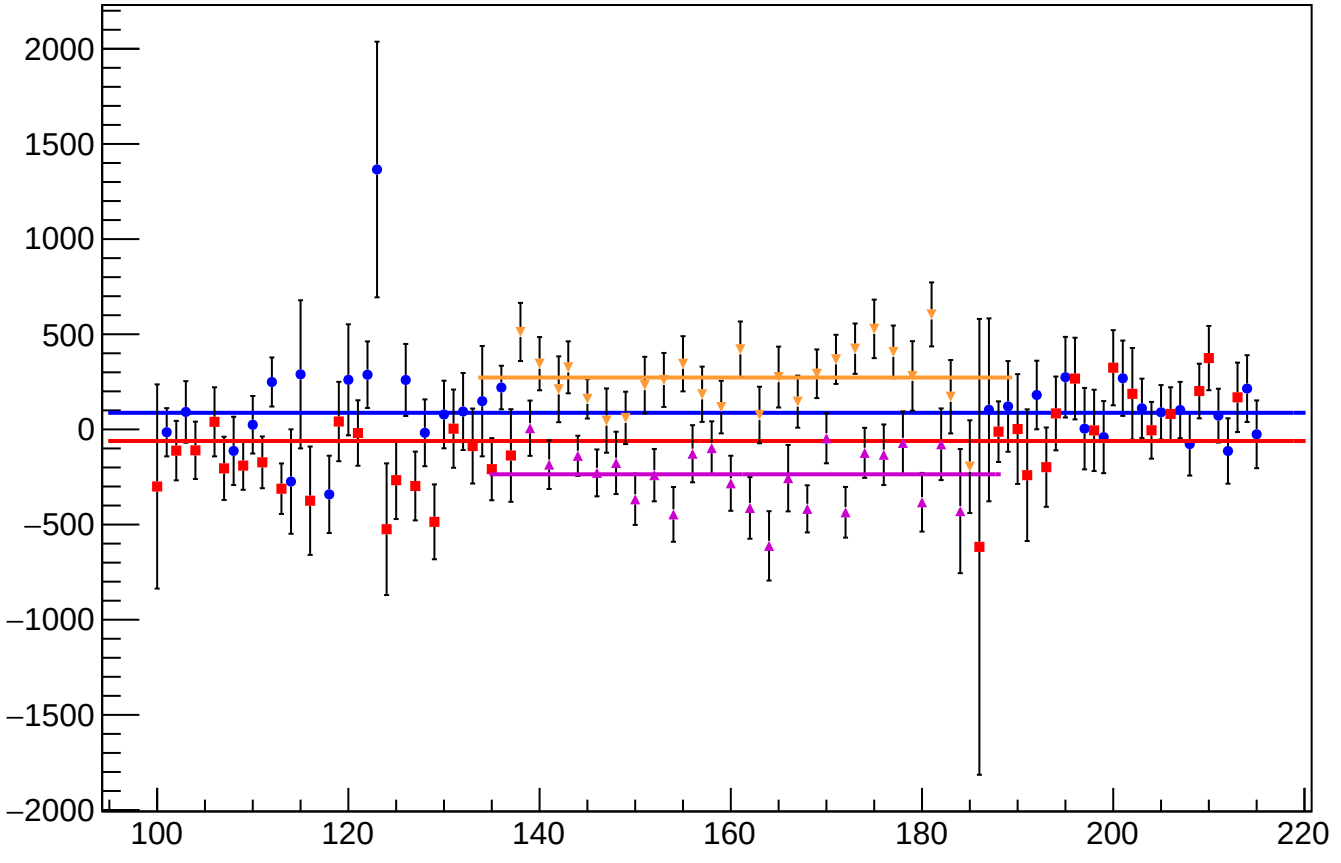
Left In: 248.069+/-0.044 χ^2/NDF:2343295.0/22

+ sign 300.918+/-0.041 χ^2/NDF: 17331227.1/56

All: 298.438+/-0.029 χ^2/NDF: 35027546.6/11

- sign 295.929+/-0.041 χ^2/NDF: 17689011.4/56

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: -60.847+/-31.690 χ^2/NDF: 40.1/33

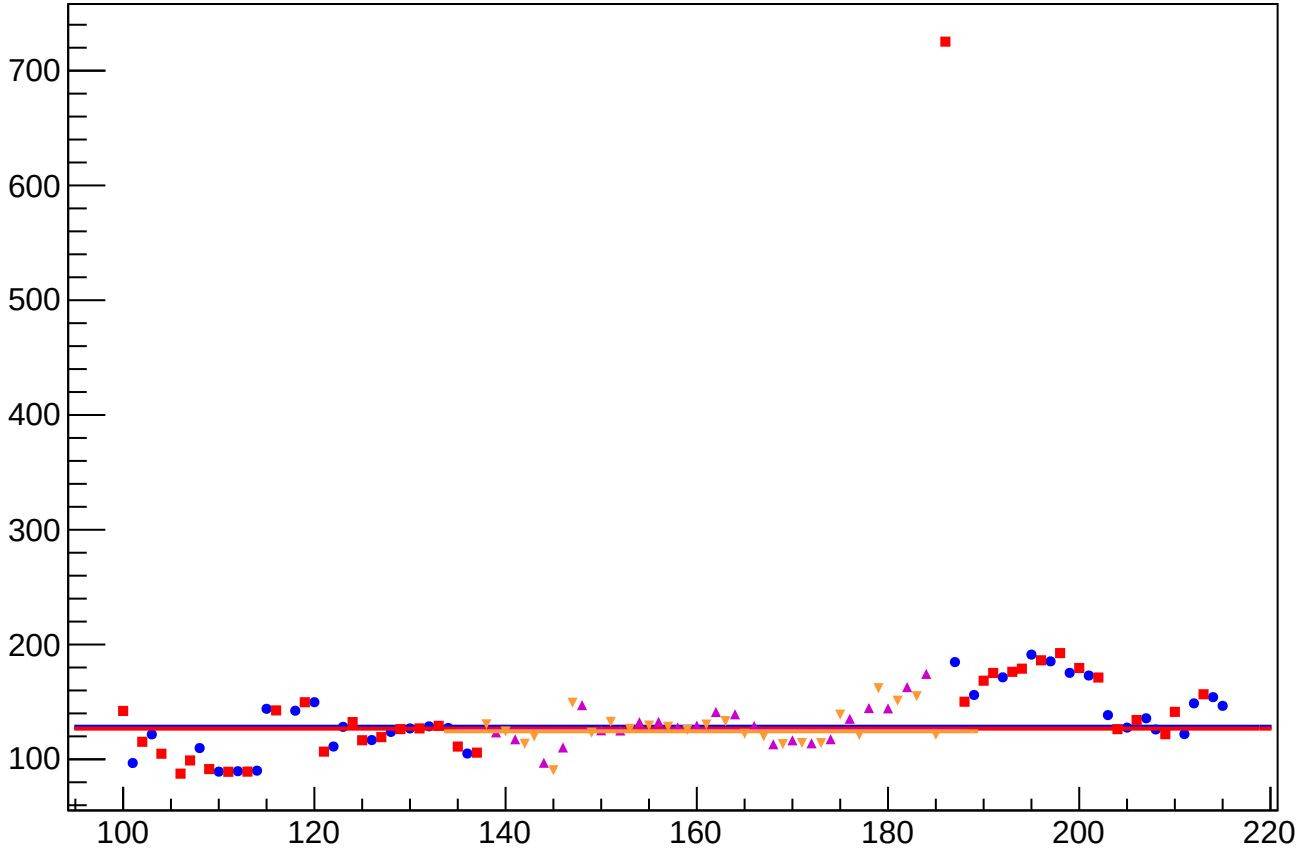
Left In: -235.801+/-30.232 χ^2/NDF:24.6/22

+ sign 187.239+/-21.454 χ^2/NDF: 69.8/56

All: 20.691+/-15.317 χ^2/NDF: 273.4/113

- sign -152.442+/-21.874 χ^2/NDF: 80.7/56

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: 126.736+/-0.022 χ^2/NDF: 2284102.9/33

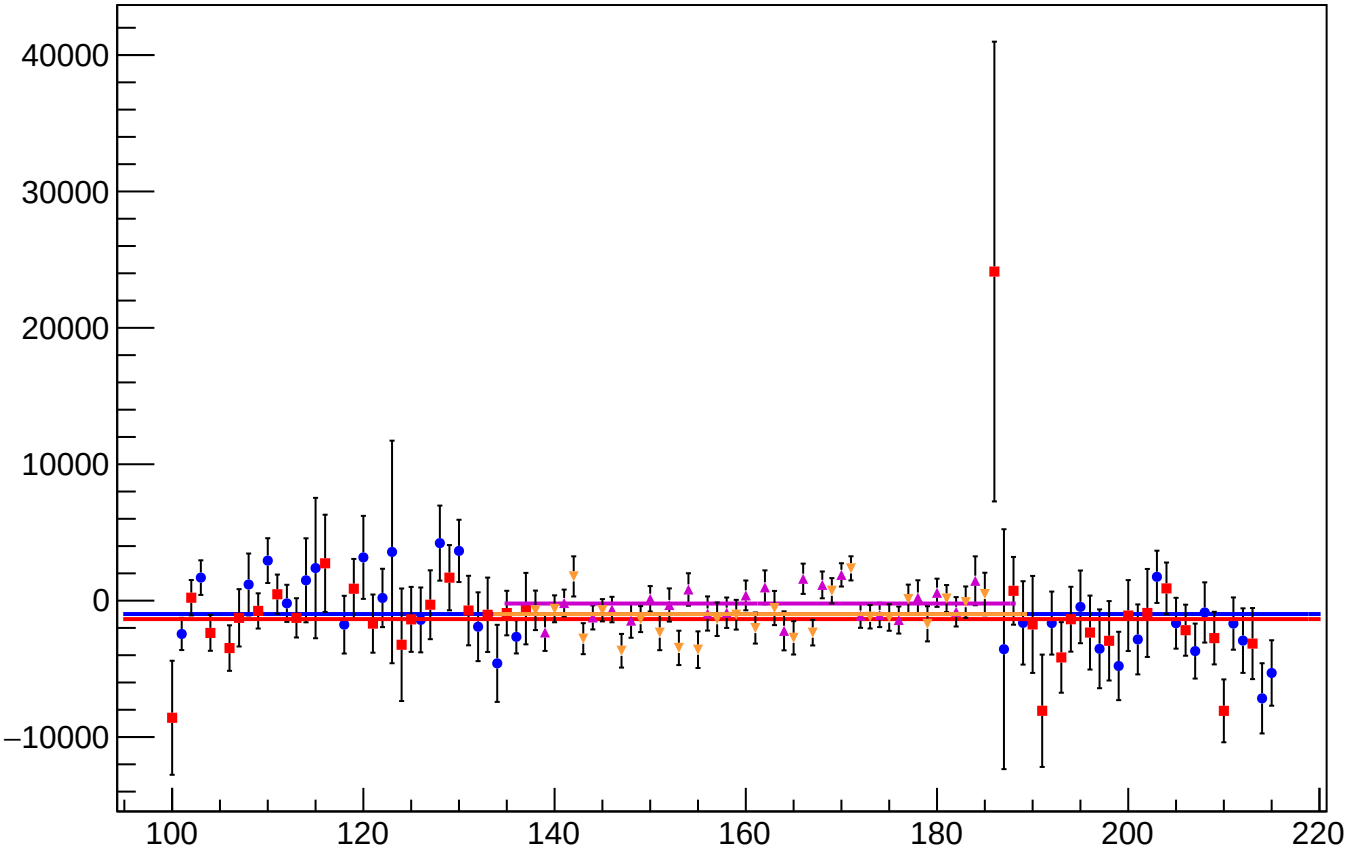
Left In: 125.205+/-0.021 χ^2/NDF:501388.2/22

+ sign 126.266+/-0.015 χ^2/NDF: 2015901.0/56

All: 126.103+/-0.011 χ^2/NDF: 4804069.1/113

- sign 125.934+/-0.015 χ^2/NDF: 2787934.3/56

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: -1352.834+/-363.683 χ^2/NDF: 31.5/33

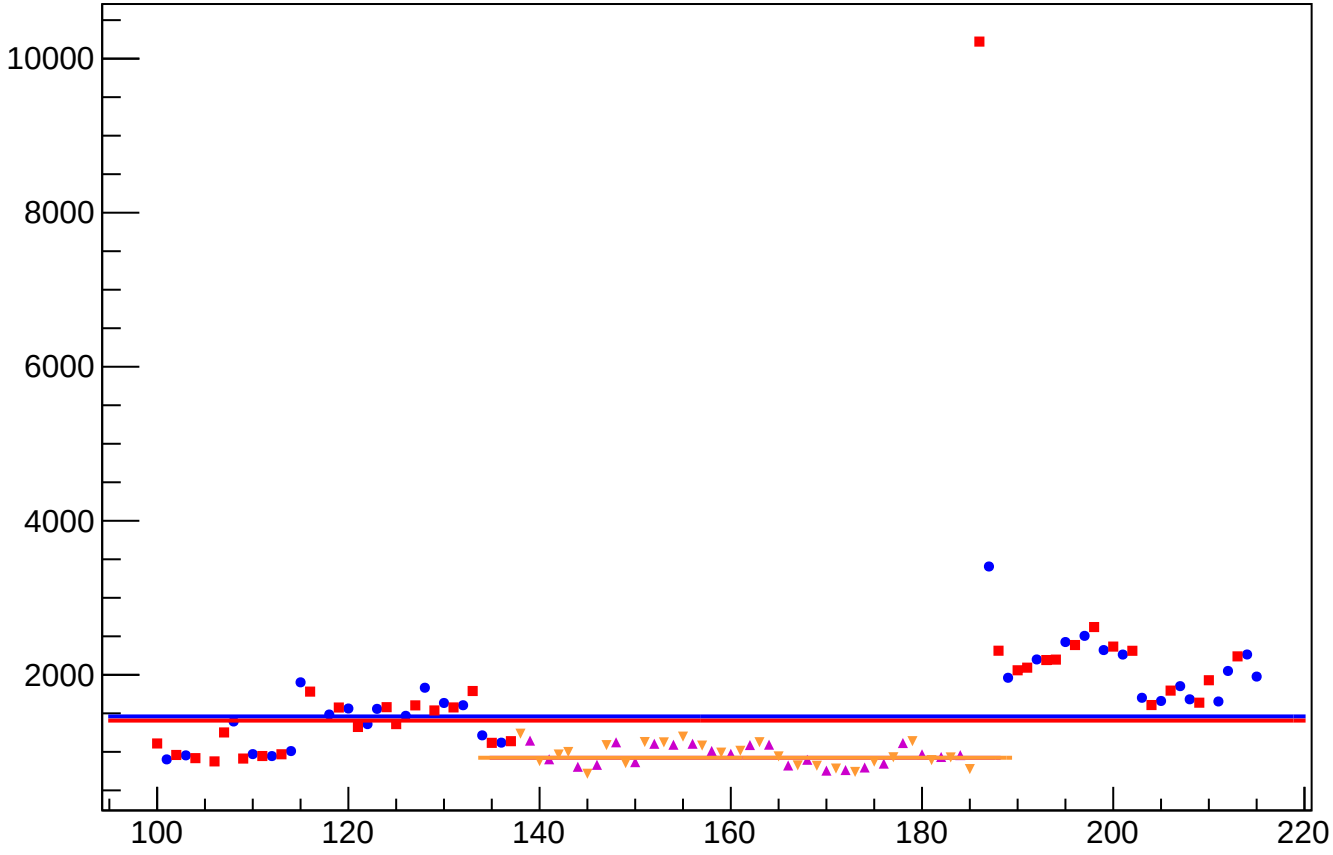
Left In: -211.420+/-223.296 χ^2/NDF:25.7/22

+ sign -982.505+/-187.932 χ^2/NDF: 92.8/56

All: -756.066+/-133.714 χ^2/NDF: 160.1/113

- sign -523.908+/-190.291 χ^2/NDF: 64.3/56

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

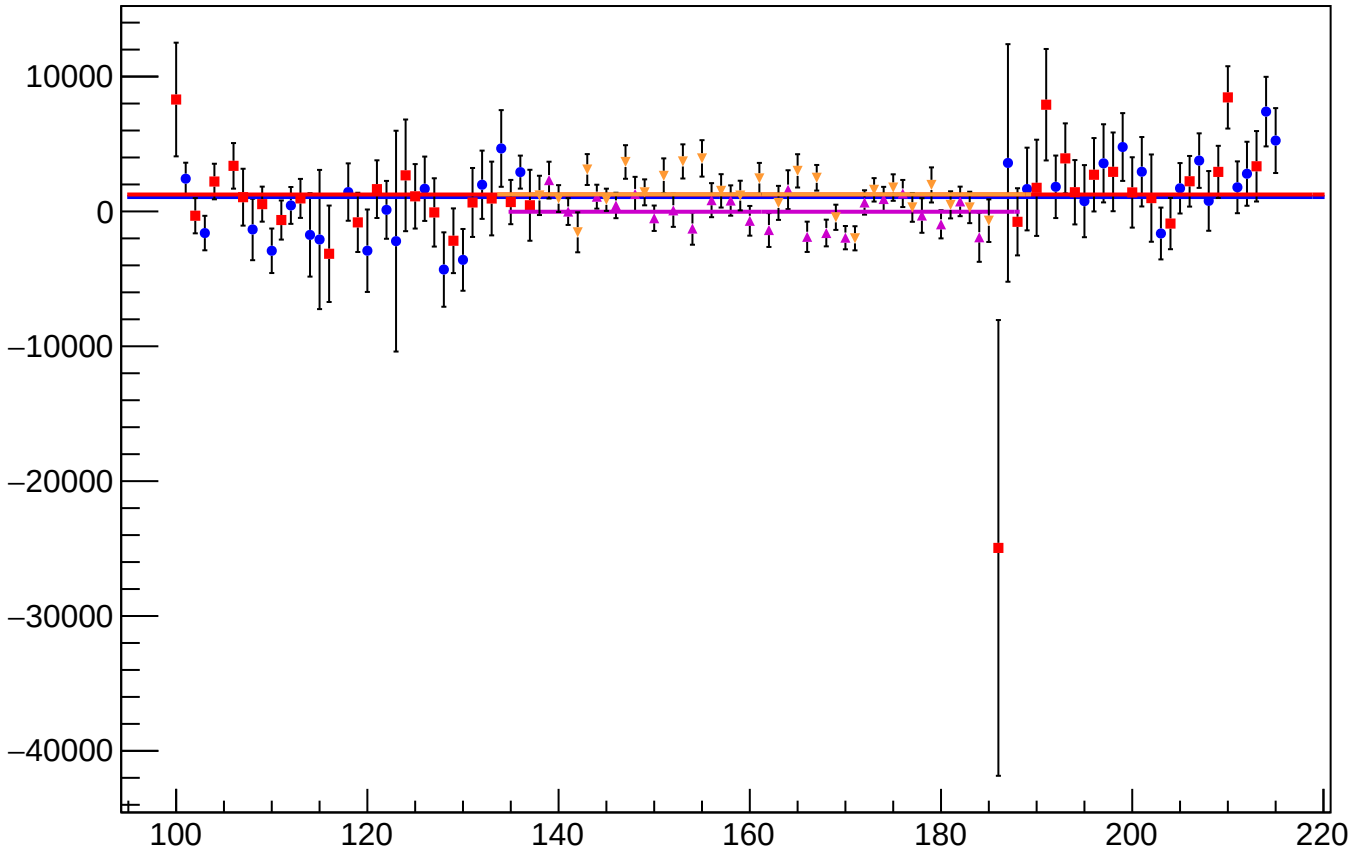
Right Out: 1405.940+/-0.257 χ^2/NDF: 4436961.8/33

Left In: 922.245+/-0.158 χ^2/NDF:634712.1/22

+ sign 1061.386+/-0.133 χ^2/NDF: 7372214.2/56

All: 1058.069+/-0.095 χ^2/NDF: 15014365.1/1

- sign 1054.668+/-0.135 χ^2/NDF: 7640888.8/56



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: 1254.671+/-365.396 χ^2/NDF: 33.6/33

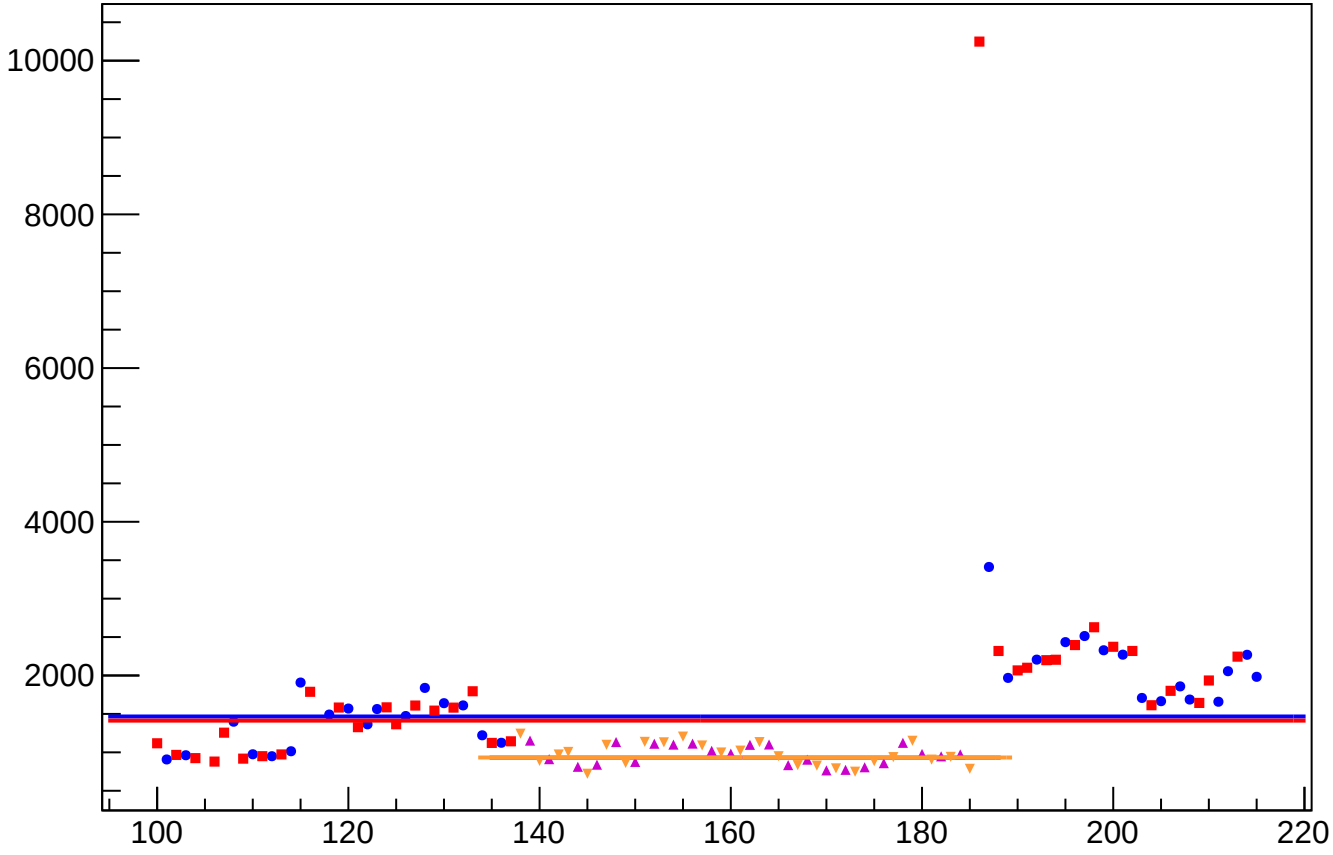
Left In: -23.478+/-225.490 χ^2/NDF:27.2/22

+ sign 1215.205+/-189.486 χ^2/NDF: 90.6/56

All: 777.710+/-134.830 χ^2/NDF: 171.0/113

- sign 329.031+/-191.893 χ^2/NDF: 69.6/56

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: 1413.007+/-0.258 χ^2/NDF: 4410731.8/33

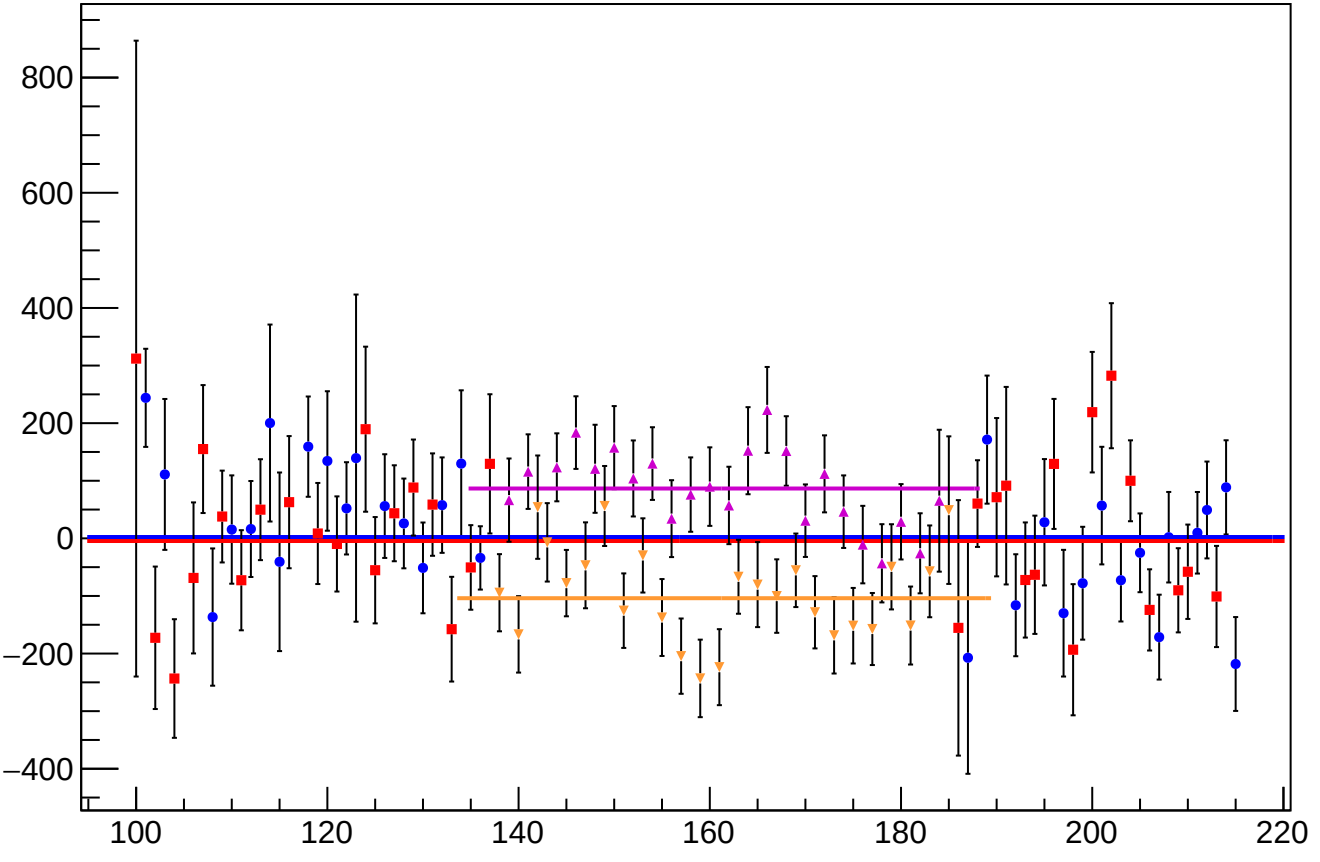
Left In: 931.493+/-0.159 χ^2/NDF:624436.4/22

+ sign 1071.040+/-0.134 χ^2/NDF: 7273364.3/56

All: 1067.709+/-0.095 χ^2/NDF: 14825041.6/1

- sign 1064.293+/-0.136 χ^2/NDF: 7550425.2/56

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: -4.594+/-16.464 χ^2/NDF: 44.8/33

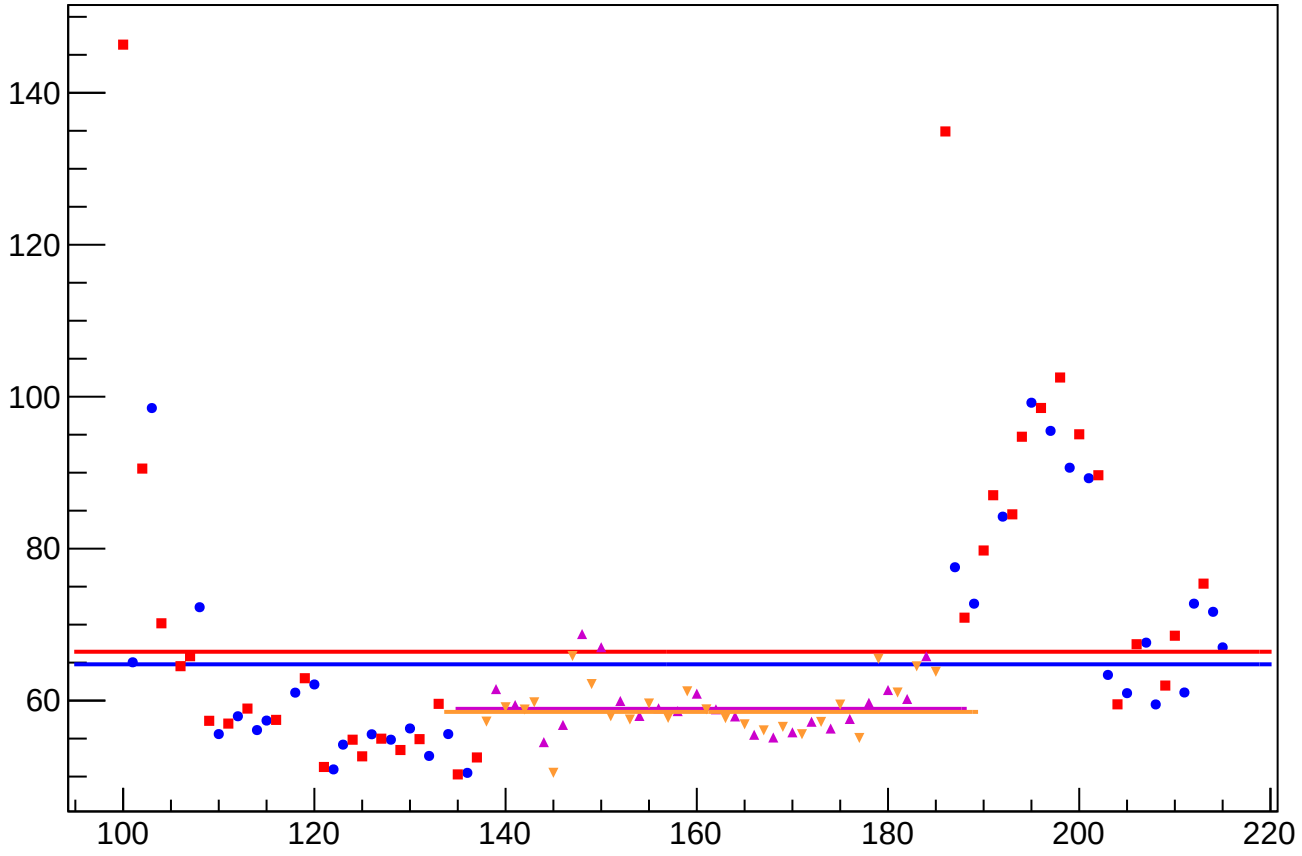
Left In: 86.542+/-14.120 χ^2/NDF:21.4/22

+ sign -58.884+/-10.356 χ^2/NDF: 98.3/56

All: -7.316+/-7.448 χ^2/NDF: 233.5/113

- sign 47.919+/-10.718 χ^2/NDF: 83.8/56

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

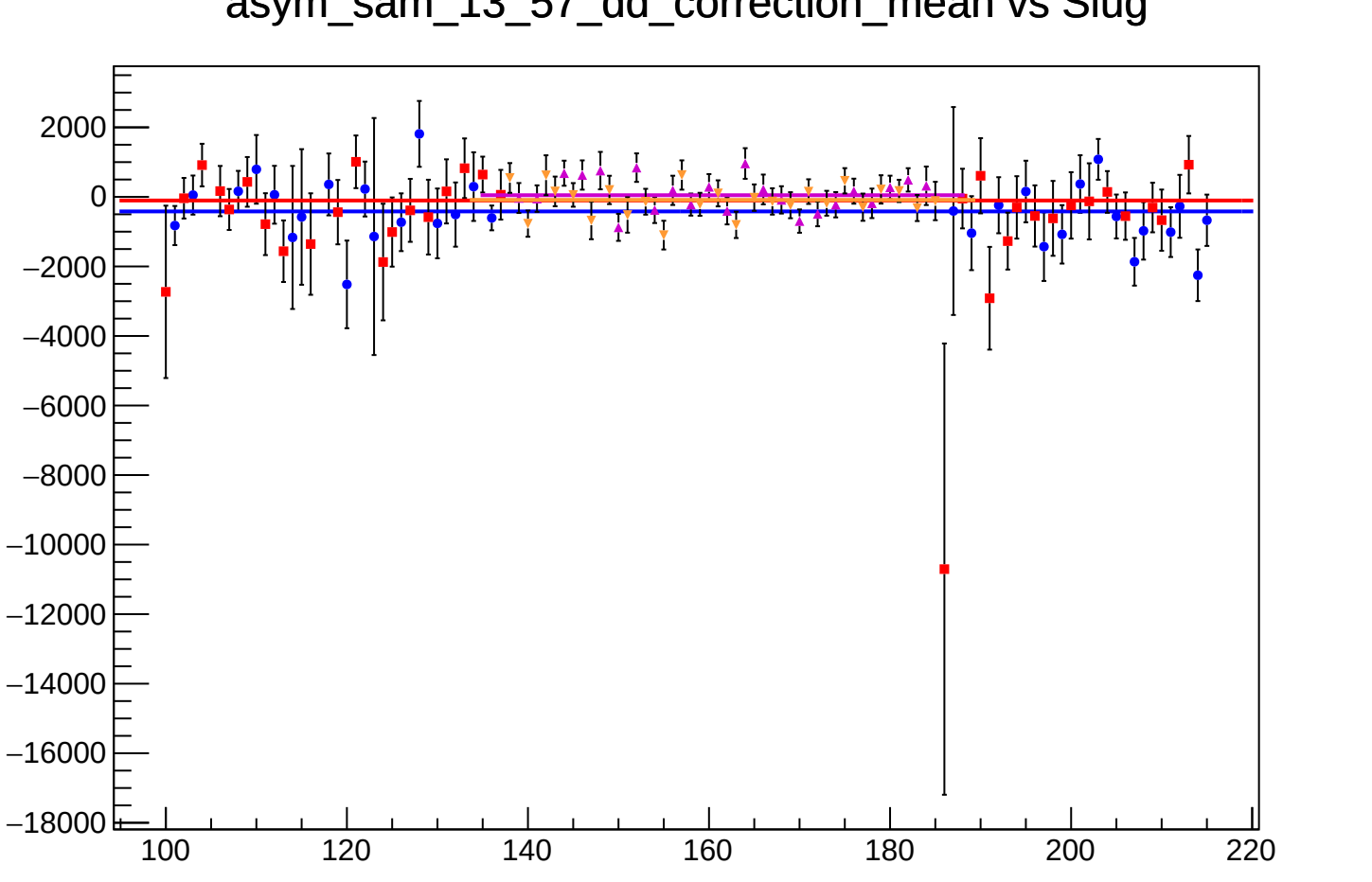
Right Out: 66.431+/-0.012 χ^2/NDF: 1672347.0/33

Left In: 58.913+/-0.010 χ^2/NDF:109968.0/22

+ sign 61.167+/-0.007 χ^2/NDF: 1596838.6/56

All: 61.617+/-0.005 χ^2/NDF: 3627244.3/113

- sign 62.099+/-0.008 χ^2/NDF: 2022574.6/56



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: -103.611+/-142.397 χ^2/NDF: 28.7/33

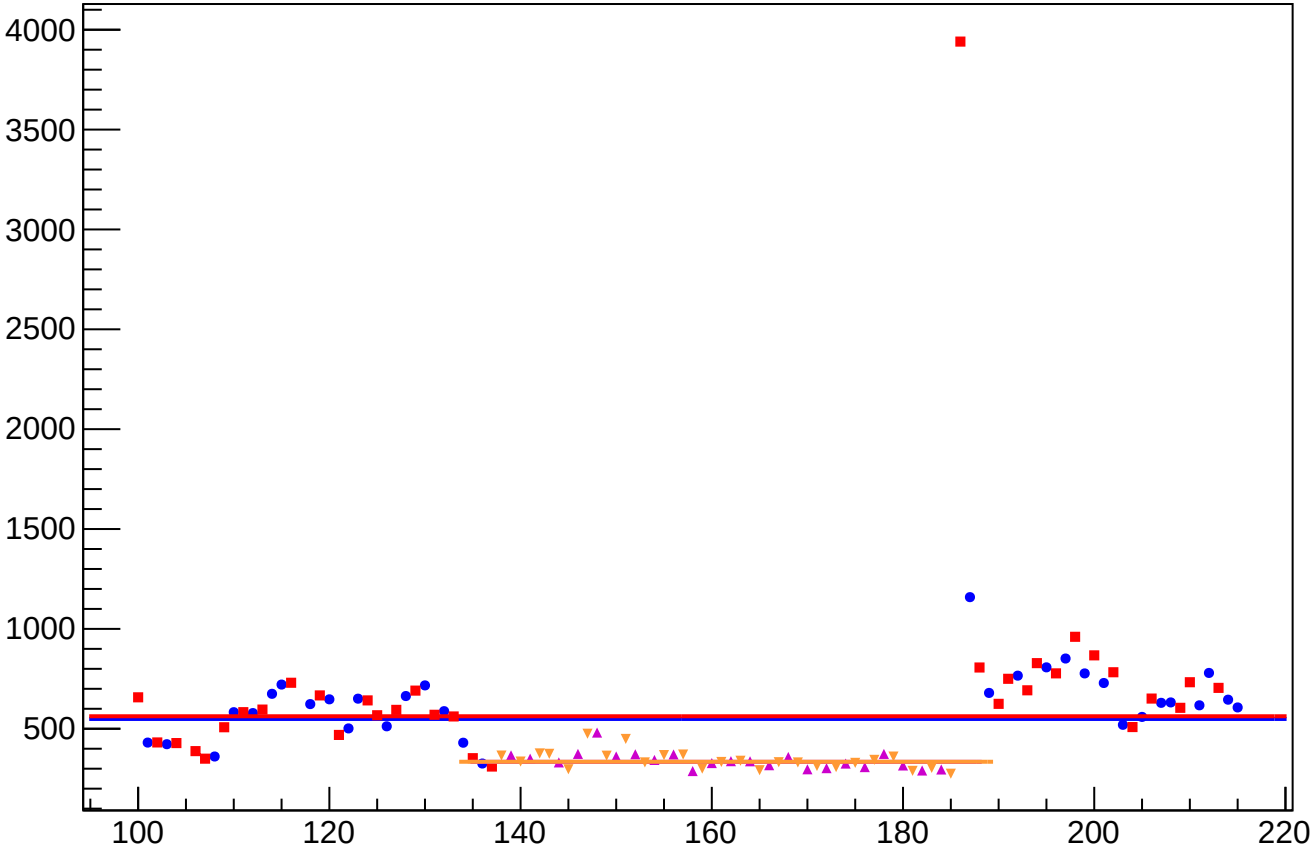
Left In: 48.742+/-80.548 χ^2/NDF:35.3/22

+ sign -168.711+/-68.201 χ^2/NDF: 68.9/56

All: -80.940+/-48.886 χ^2/NDF: 137.3/113

- sign 11.811+/-70.109 χ^2/NDF: 64.9/56

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: 562.528+/-0.101 χ^2/NDF: 3127171.0/33

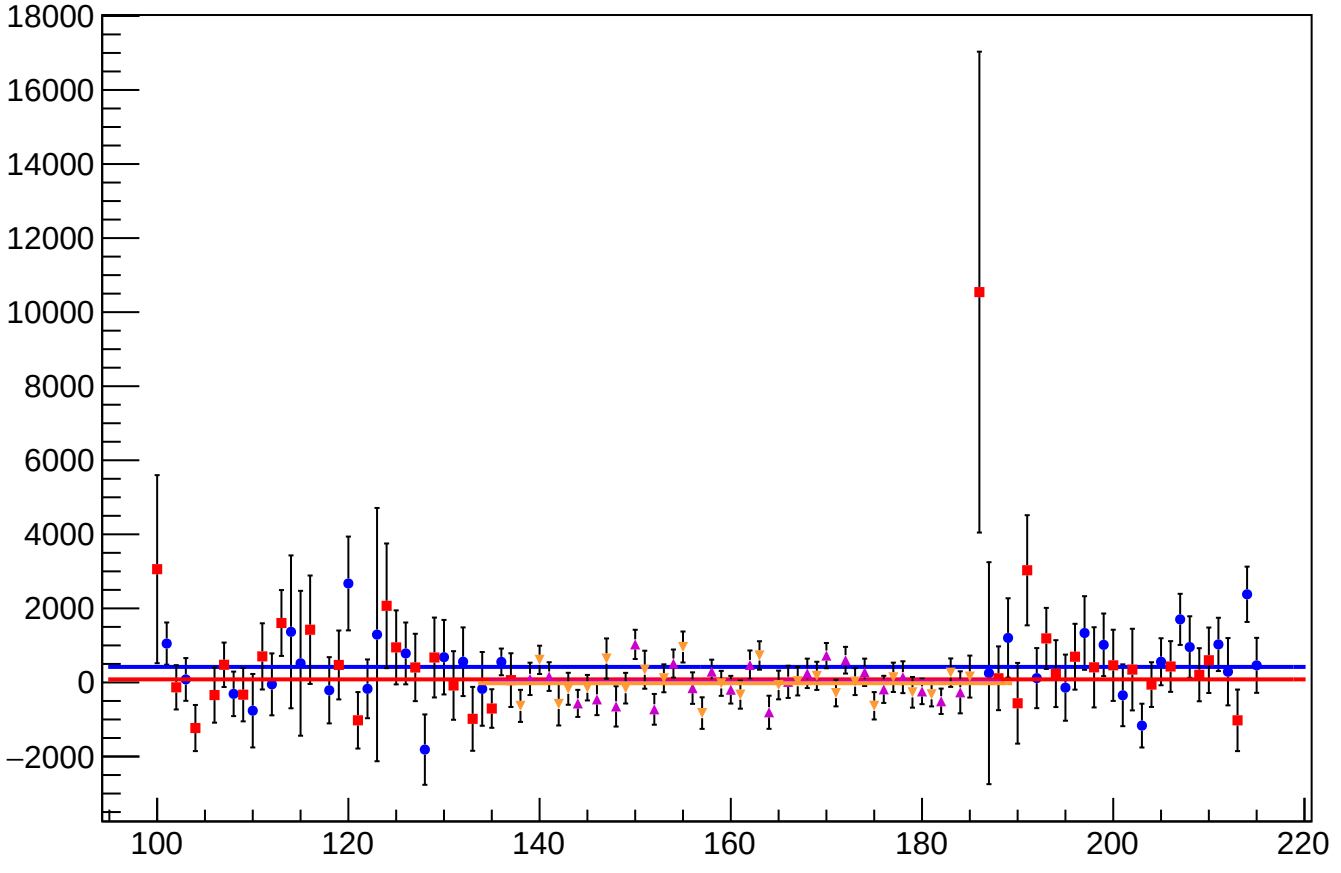
Left In: 334.147+/-0.057 χ^2/NDF:397200.6/22

+ sign 387.527+/-0.048 χ^2/NDF: 6626280.2/56

All: 388.490+/-0.035 χ^2/NDF: 14048960.6/11

- sign 389.507+/-0.050 χ^2/NDF: 7421860.9/56

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: 83.390+/-143.822 χ^2/NDF: 31.9/33

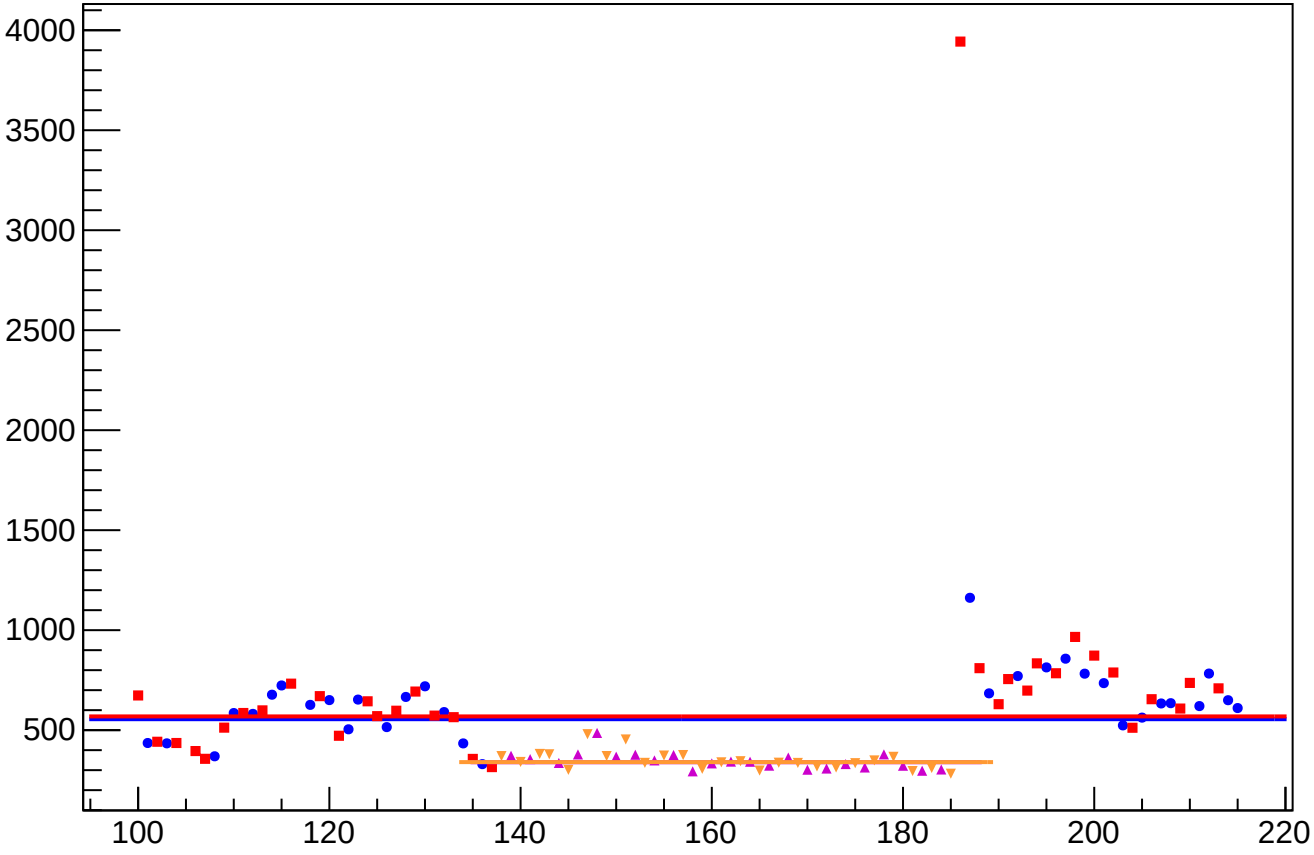
Left In: 31.800+/-81.839 χ^2/NDF:34.0/22

+ sign 88.660+/-69.179 χ^2/NDF: 72.4/56

All: 67.155+/-49.592 χ^2/NDF: 138.6/113

- sign 44.419+/-71.130 χ^2/NDF: 66.0/56

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: 568.741+/-0.102 χ^2/NDF: 3056016.5/33

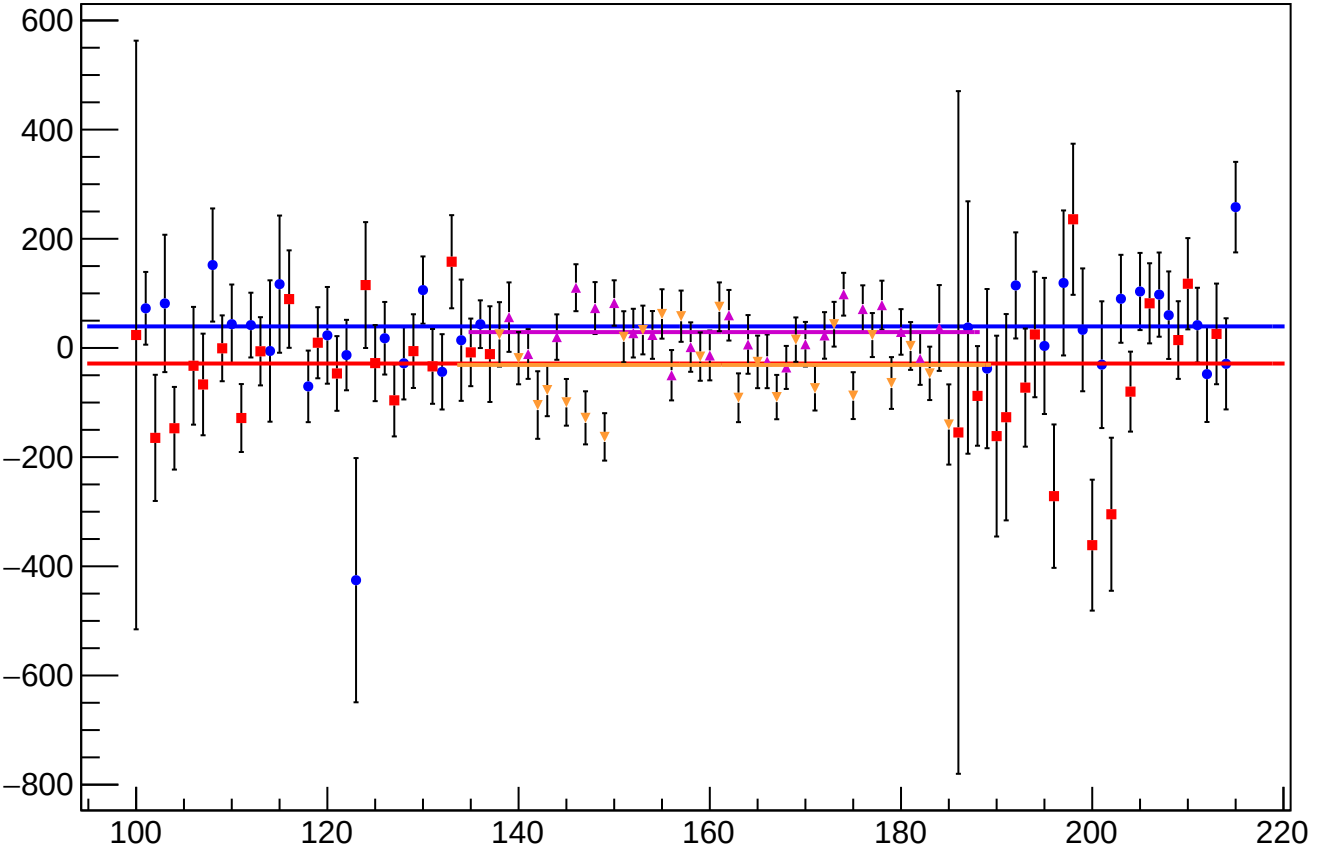
Left In: 339.621+/-0.058 χ^2/NDF:379808.1/22

+ sign 393.611+/-0.049 χ^2/NDF: 6465546.4/56

All: 394.609+/-0.035 χ^2/NDF: 13736523.9/11

- sign 395.664+/-0.050 χ^2/NDF: 7270121.5/56

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: -28.511+/-14.600 χ^2/NDF: 43.5/33

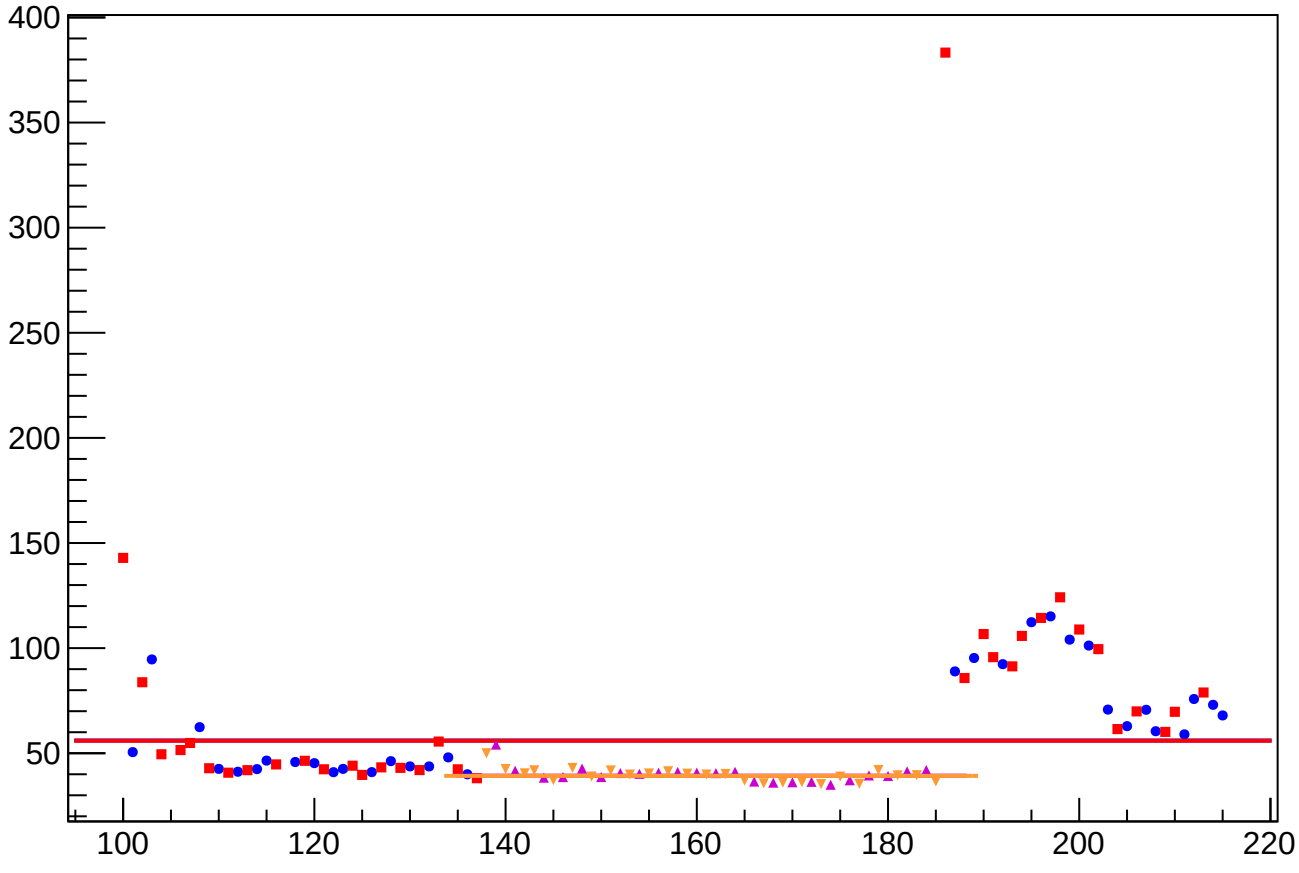
Left In: 29.055+/-9.449 χ^2/NDF:22.4/22

+ sign -10.518+/-7.720 χ^2/NDF: 95.7/56

All: 0.464+/-5.533 χ^2/NDF: 176.8/113

- sign 12.060+/-7.933 χ^2/NDF: 77.0/56

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: 55.952+/-0.010 χ^2/NDF: 4517704.3/33

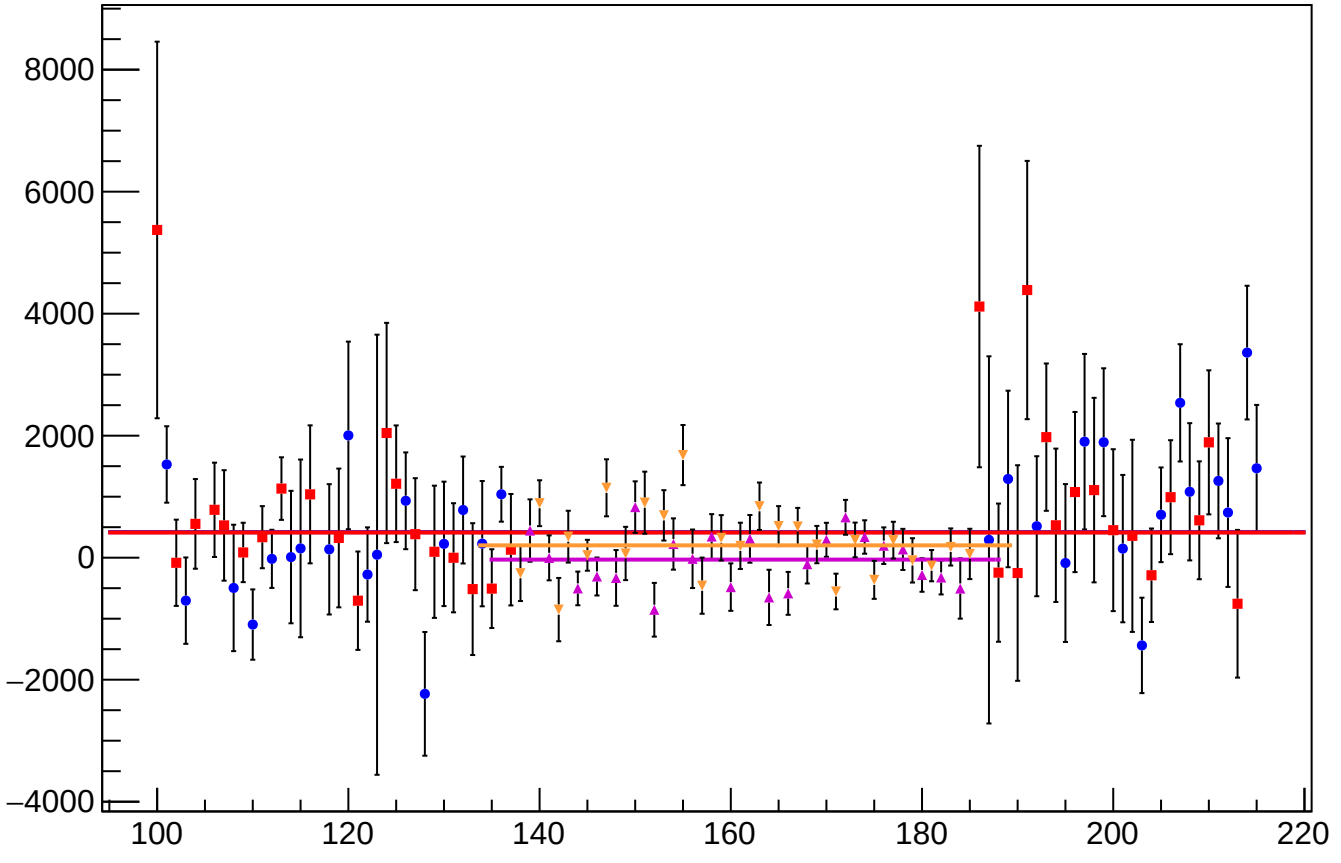
Left In: 39.338+/-0.007 χ^2/NDF:215671.3/22

+ sign 44.132+/-0.005 χ^2/NDF: 5688786.4/56

All: 44.186+/-0.004 χ^2/NDF: 12247558.6/113

- sign 44.243+/-0.006 χ^2/NDF: 6558569.1/56

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: 412.999+/-156.051 χ^2/NDF: 24.6/33

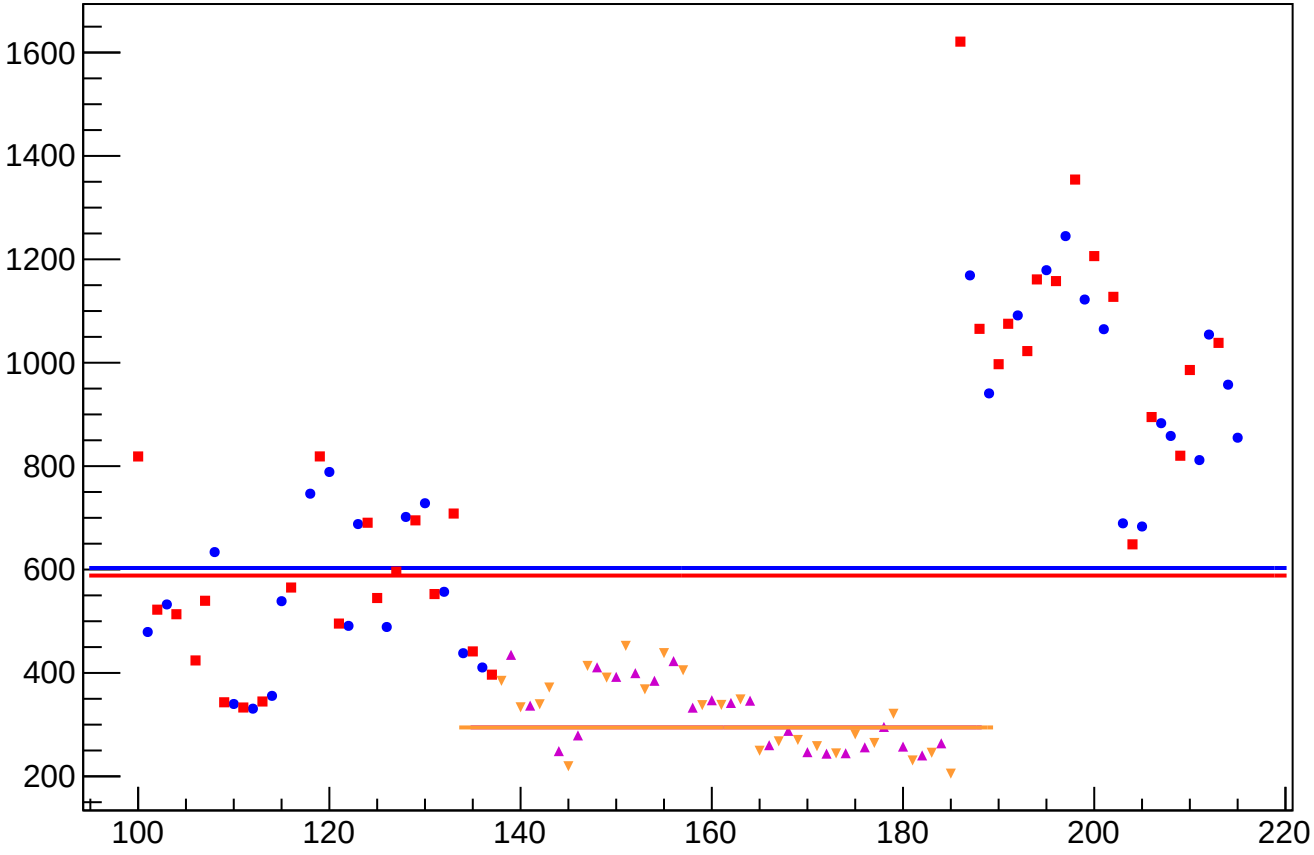
Left In: -31.548+/-72.100 χ^2/NDF:33.4/22

+ sign 238.494+/-64.265 χ^2/NDF: 95.3/56

All: 144.329+/-45.856 χ^2/NDF: 164.3/113

- sign 46.655+/-65.452 χ^2/NDF: 64.7/56

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

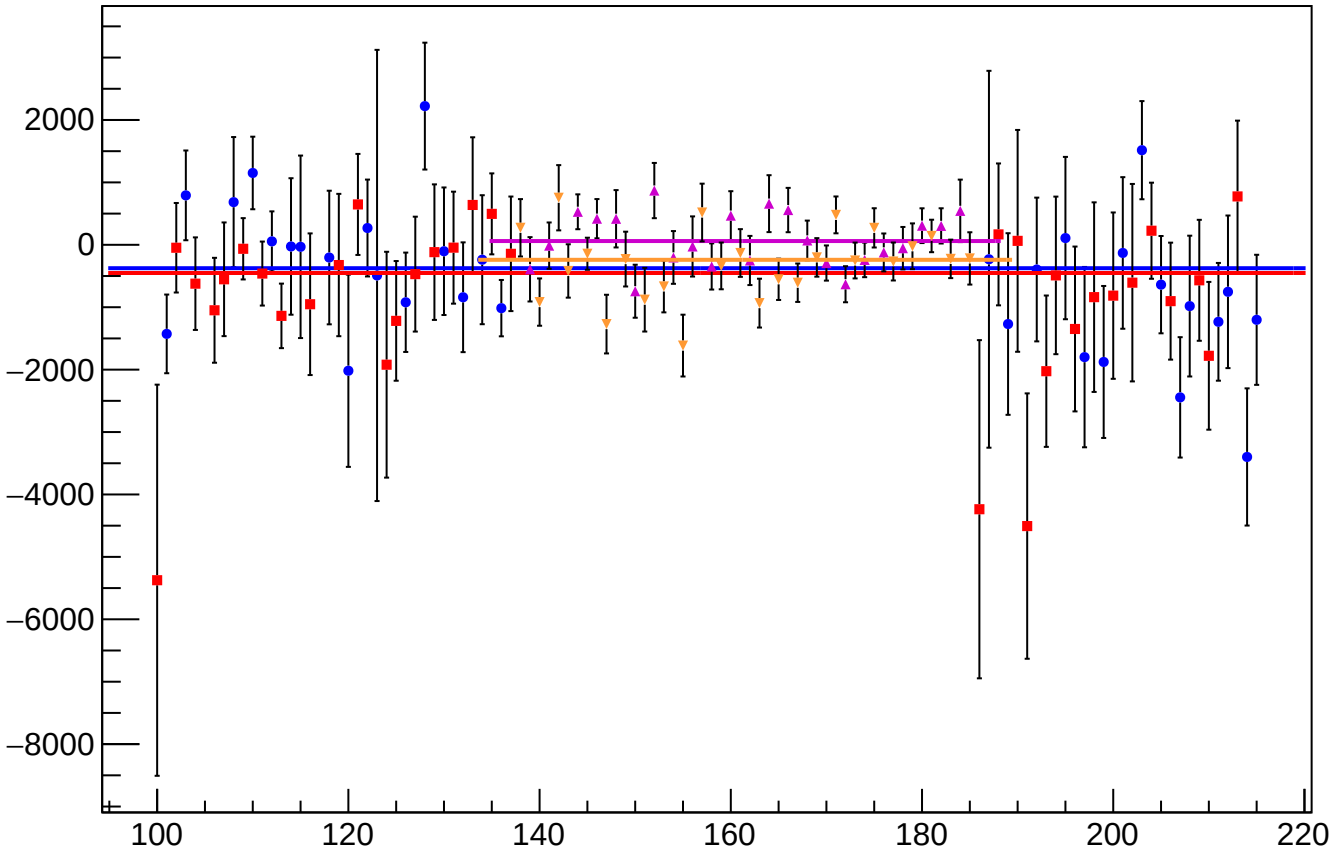
Right Out: 588.356+/-0.110 χ^2/NDF: 5917644.2/33

Left In: 294.722+/-0.051 χ^2/NDF:1297310.3/22

+ sign 346.186+/-0.045 χ^2/NDF: 13009242.1/56

All: 346.280+/-0.032 χ^2/NDF: 26059738.6/11

- sign 346.377+/-0.046 χ^2/NDF: 13050487.7/56



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: -451.658+/-157.448 χ^2/NDF: 24.2/33

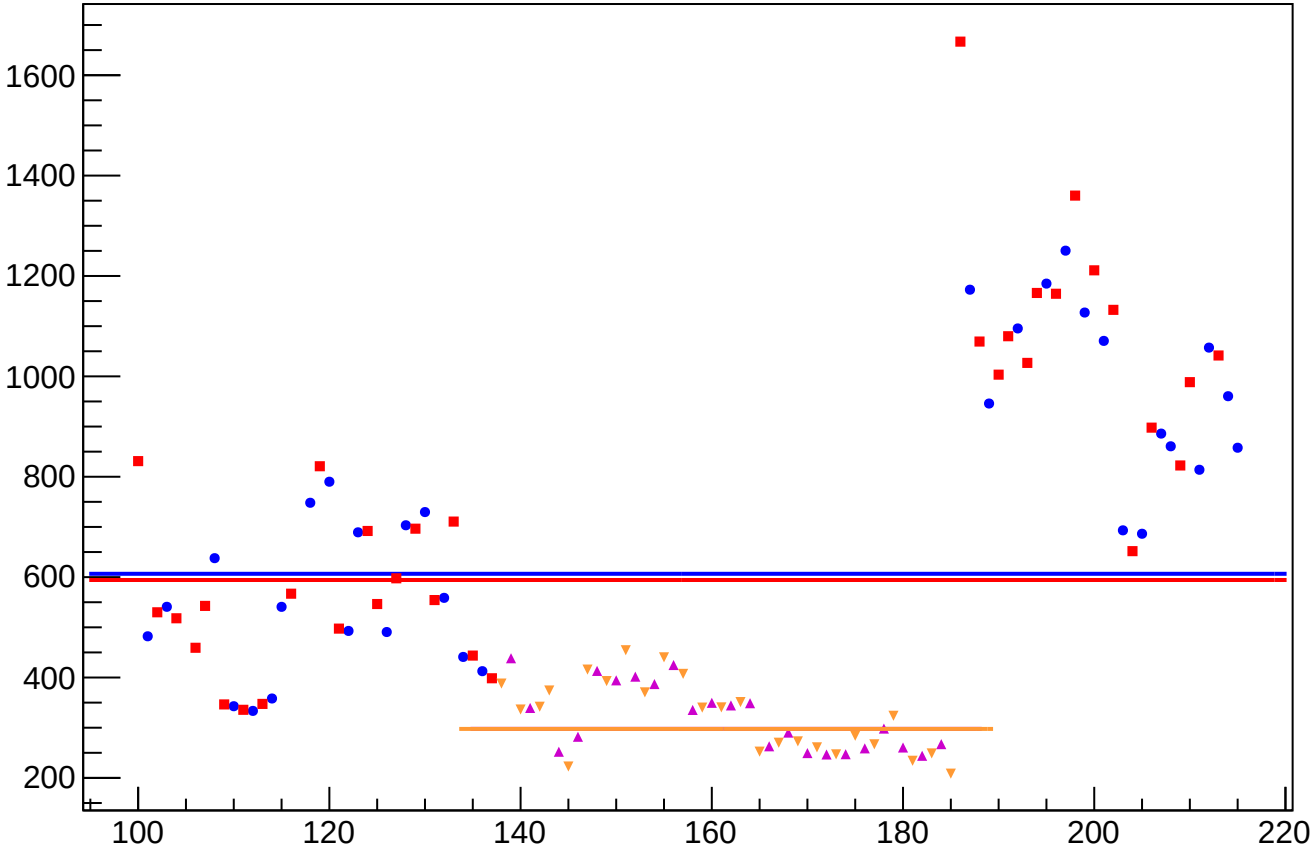
Left In: 60.330+/-72.788 χ^2/NDF:30.9/22

+ sign -263.011+/-64.837 χ^2/NDF: 92.0/56

All: -148.613+/-46.276 χ^2/NDF: 162.2/113

- sign -29.825+/-66.070 χ^2/NDF: 63.8/56

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: 594.297+/-0.111 χ^2/NDF: 5849283.7/33

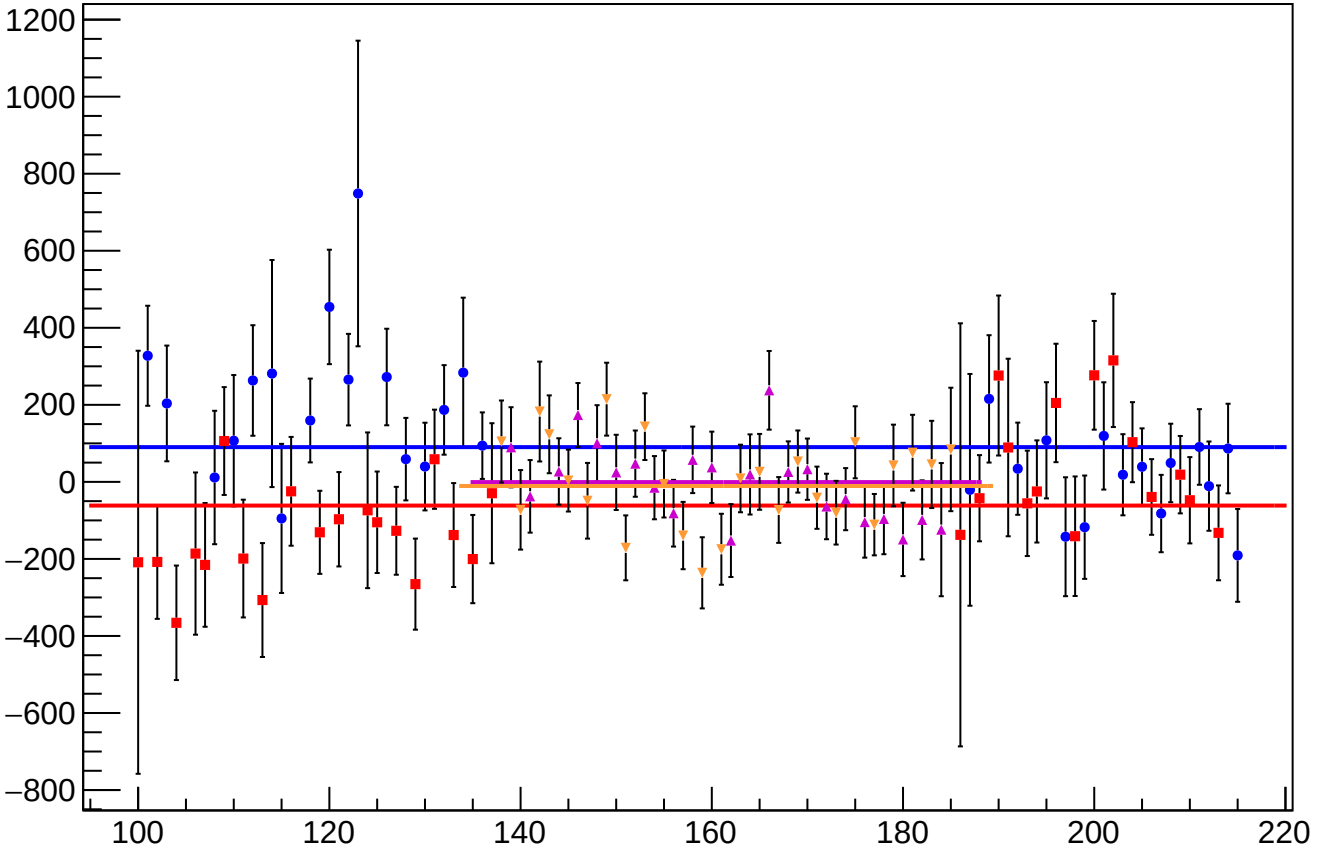
Left In: 297.699+/-0.051 χ^2/NDF:1266306.2/22

+ sign 349.663+/-0.046 χ^2/NDF: 12882931.1/56

All: 349.792+/-0.033 χ^2/NDF: 25846053.6/11

- sign 349.926+/-0.047 χ^2/NDF: 12963106.3/56

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: -61.495+/-23.607 χ^2/NDF: 38.7/33

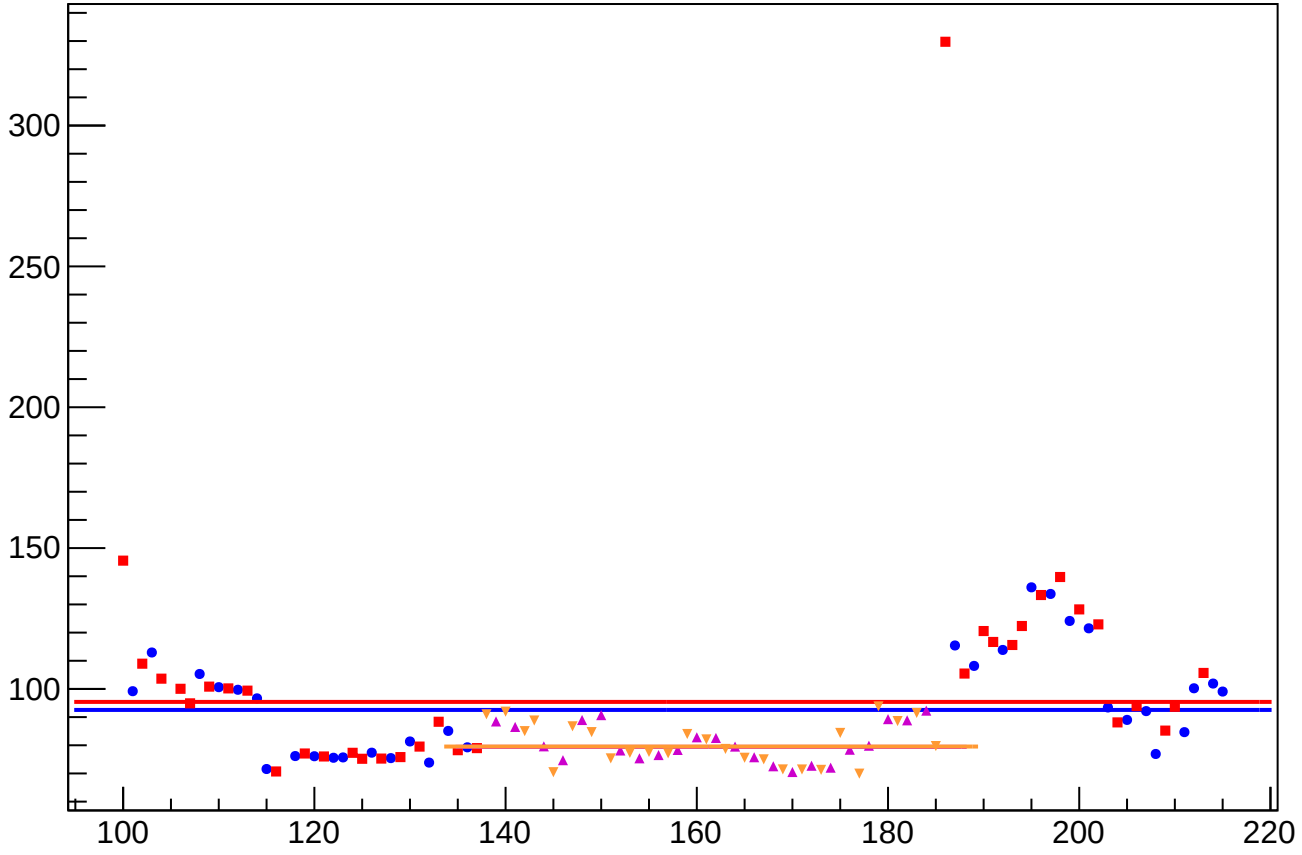
Left In: -0.575+/-19.091 χ^2/NDF:23.8/22

+ sign 29.939+/-14.384 χ^2/NDF: 86.2/56

All: 3.498+/-10.330 χ^2/NDF: 159.6/113

- sign -24.663+/-14.845 χ^2/NDF: 66.5/56

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: 95.399+/-0.017 χ^2/NDF: 1535222.8/33

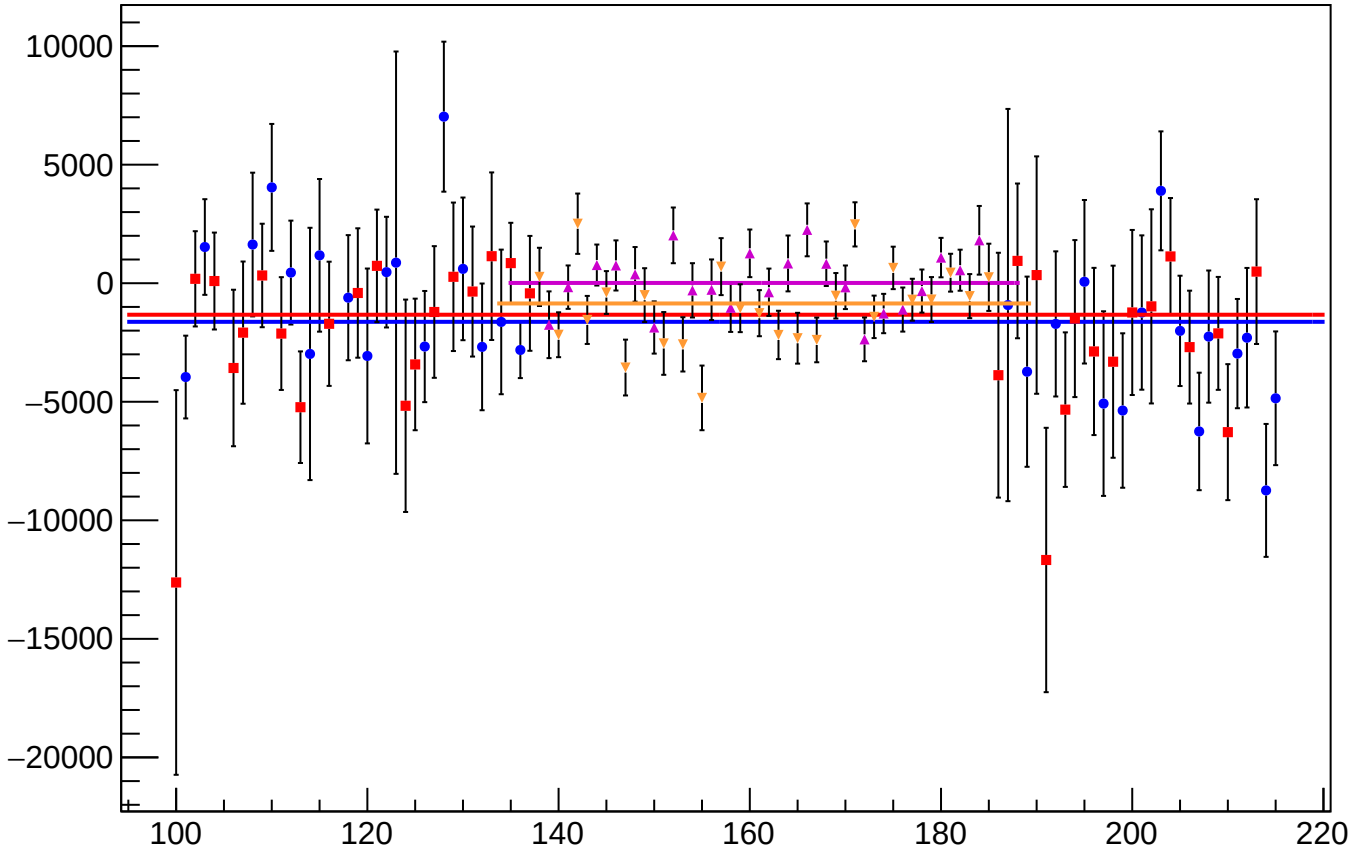
Left In: 79.436+/-0.013 χ^2/NDF:212440.1/22

+ sign 84.783+/-0.010 χ^2/NDF: 1793447.4/56

All: 85.250+/-0.007 χ^2/NDF: 4098313.0/113

- sign 85.748+/-0.010 χ^2/NDF: 2300505.6/56

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: -1328.785+/-482.824 χ^2/NDF: 22.8/33

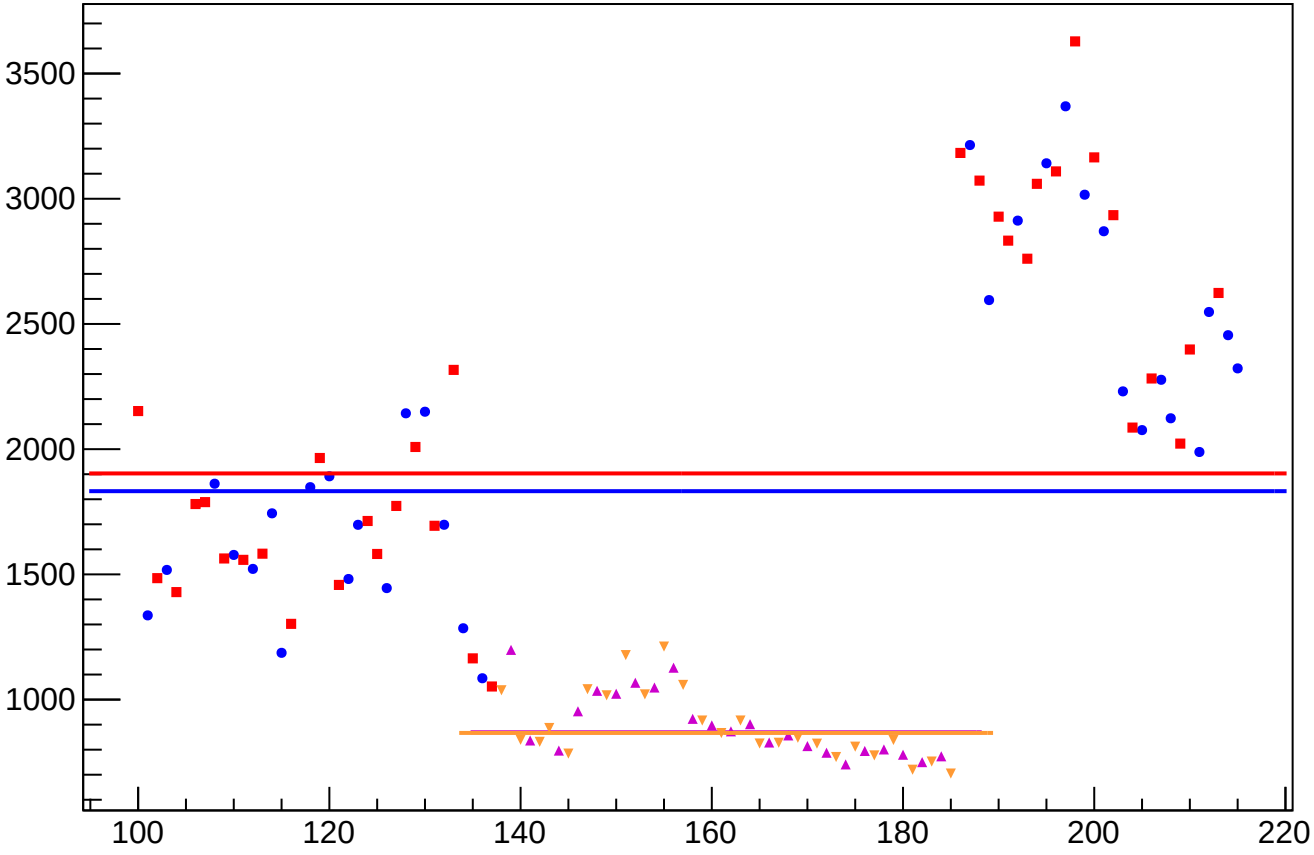
Left In: 11.687+/-210.073 χ^2/NDF:31.2/22

+ sign -979.543+/-186.829 χ^2/NDF: 99.7/56

All: -602.500+/-134.112 χ^2/NDF: 168.6/113

- sign -201.680+/-192.630 χ^2/NDF: 60.5/56

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: 1903.113+/-0.341 χ^2/NDF: 3331738.0/33

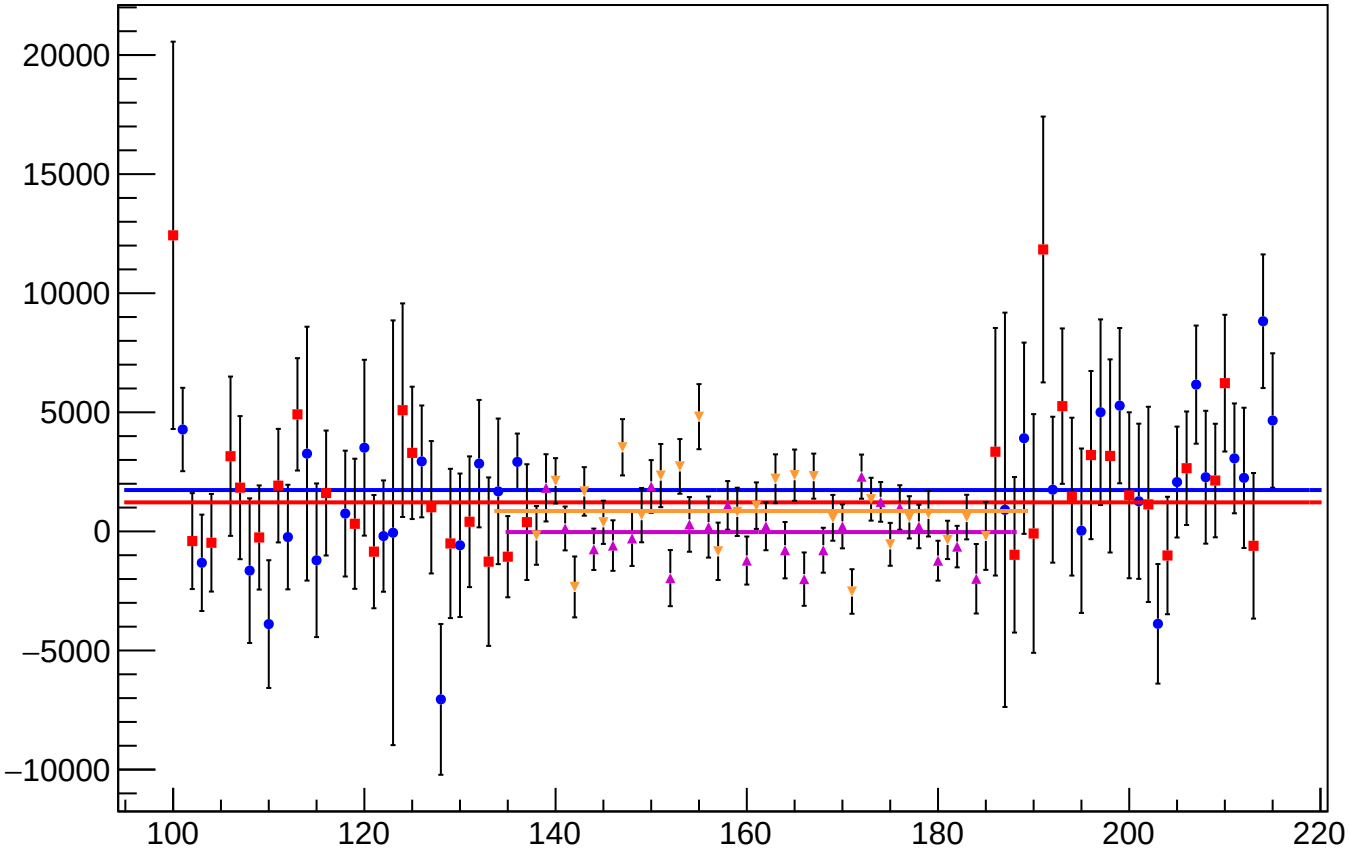
Left In: 869.569+/-0.149 χ^2/NDF:582301.2/22

+ sign 1023.288+/-0.132 χ^2/NDF: 11156984.0/56

All: 1028.520+/-0.095 χ^2/NDF: 22780056.9/1

- sign 1034.081+/-0.136 χ^2/NDF: 11619837.5/56

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: 1219.278+/-483.711 χ^2/NDF: 22.7/33

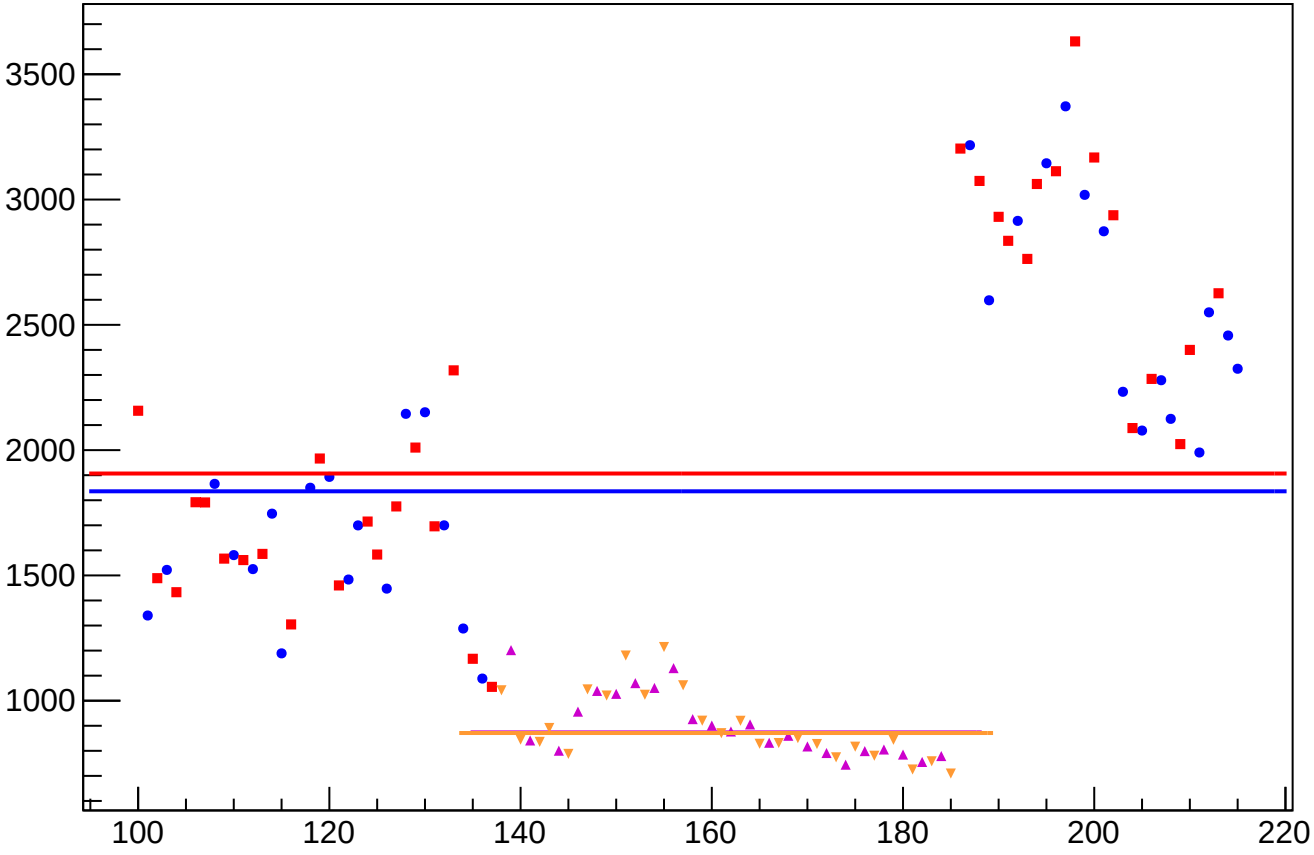
Left In: -28.553+/-211.034 χ^2/NDF:29.7/22

+ sign 998.987+/-187.612 χ^2/NDF: 98.1/56

All: 597.617+/-134.670 χ^2/NDF: 165.7/113

- sign 170.981+/-193.427 χ^2/NDF: 58.1/56

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: 1906.664+/-0.342 χ^2/NDF: 3322359.1/33

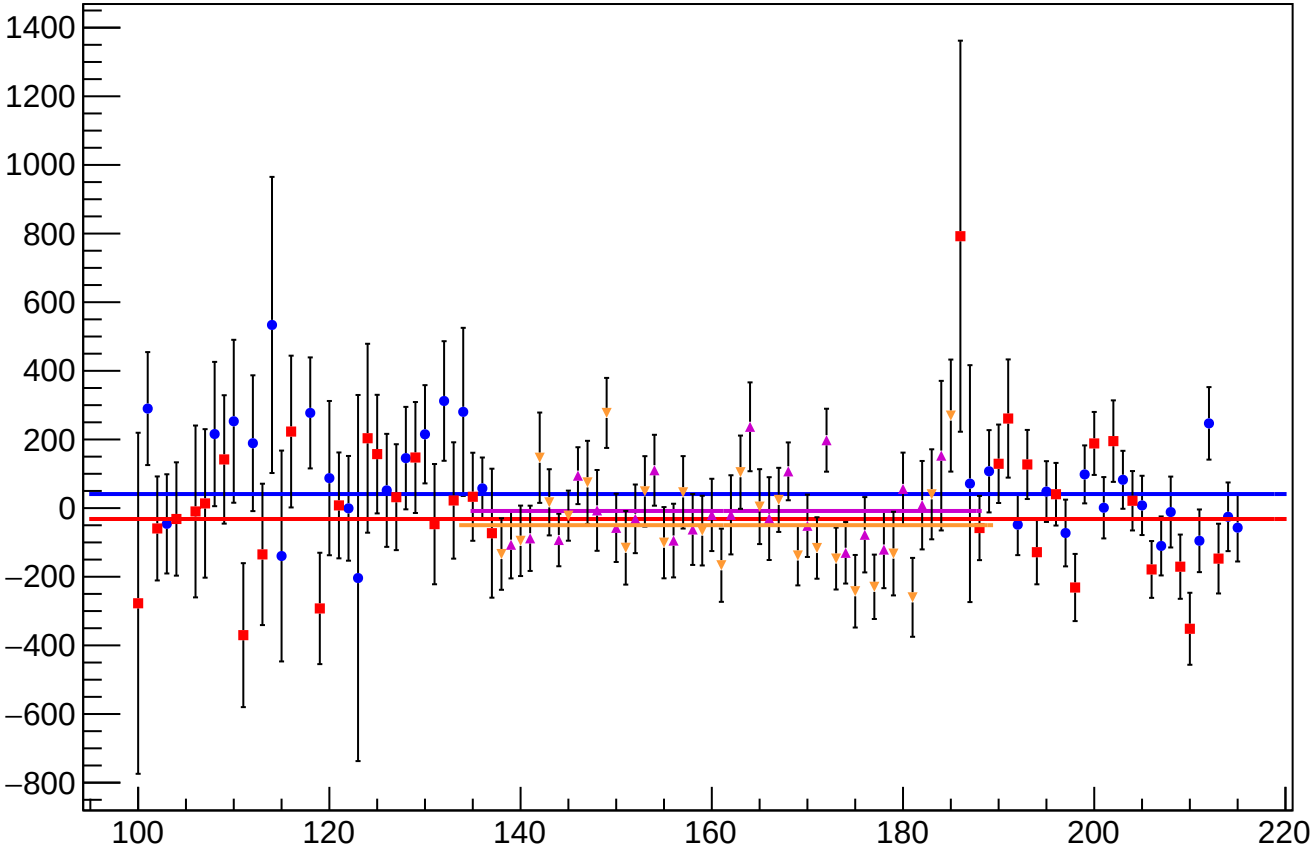
Left In: 873.675+/-0.149 χ^2/NDF:573822.5/22

+ sign 1028.174+/-0.133 χ^2/NDF: 11090618.3/56

All: 1033.351+/-0.095 χ^2/NDF: 22652586.9/1

- sign 1038.855+/-0.137 χ^2/NDF: 11558826.2/56

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: -31.721+/-22.269 χ^2/NDF: 52.9/33

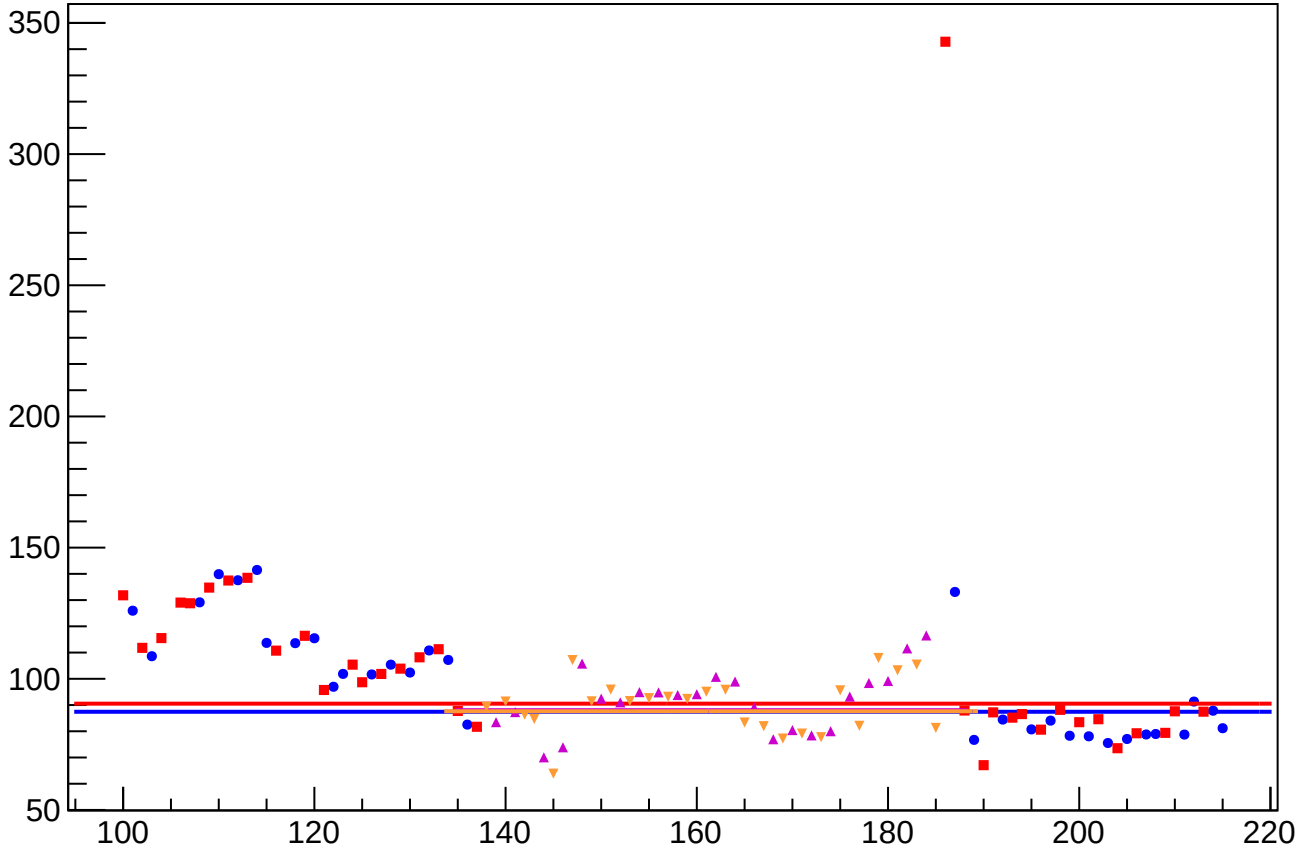
Left In: -8.343+/-21.271 χ^2/NDF:22.0/22

+ sign -6.026+/-14.816 χ^2/NDF: 77.5/56

All: -12.509+/-10.671 χ^2/NDF: 153.4/113

- sign -19.496+/-15.382 χ^2/NDF: 75.4/56

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: 90.523+/-0.016 χ^2/NDF: 1365022.3/33

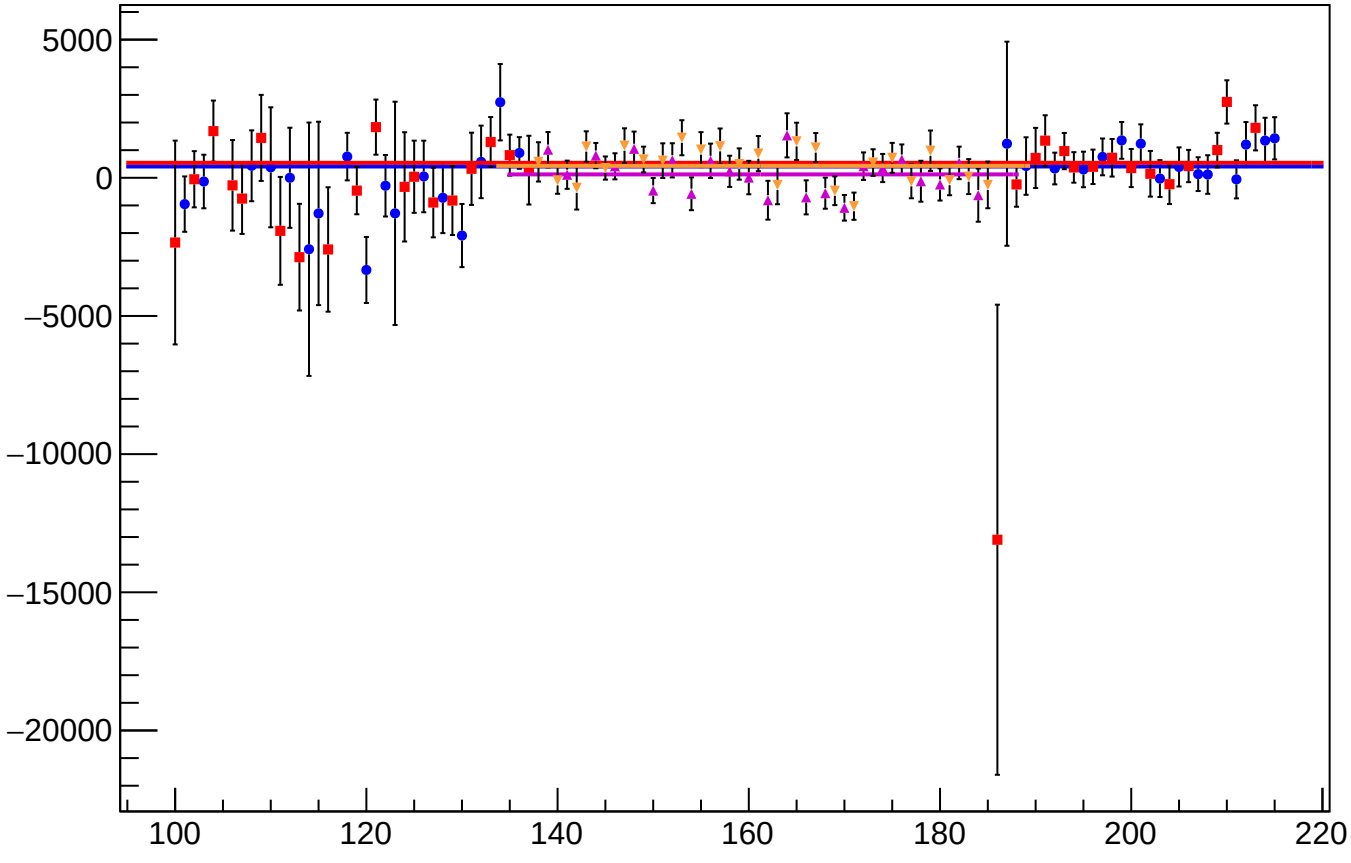
Left In: 88.032+/-0.015 χ^2/NDF:523710.9/22

\+ sign 87.532+/-0.010 χ^2/NDF: 1515099.7/56

All: 88.345+/-0.008 χ^2/NDF: 3429424.9/113

\- sign 89.221+/-0.011 χ^2/NDF: 1901819.3/56

asym_sam_26_48_dd_correction_mean vs Slug



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: 542.101+/-156.613 χ^2/NDF: 34.4/33

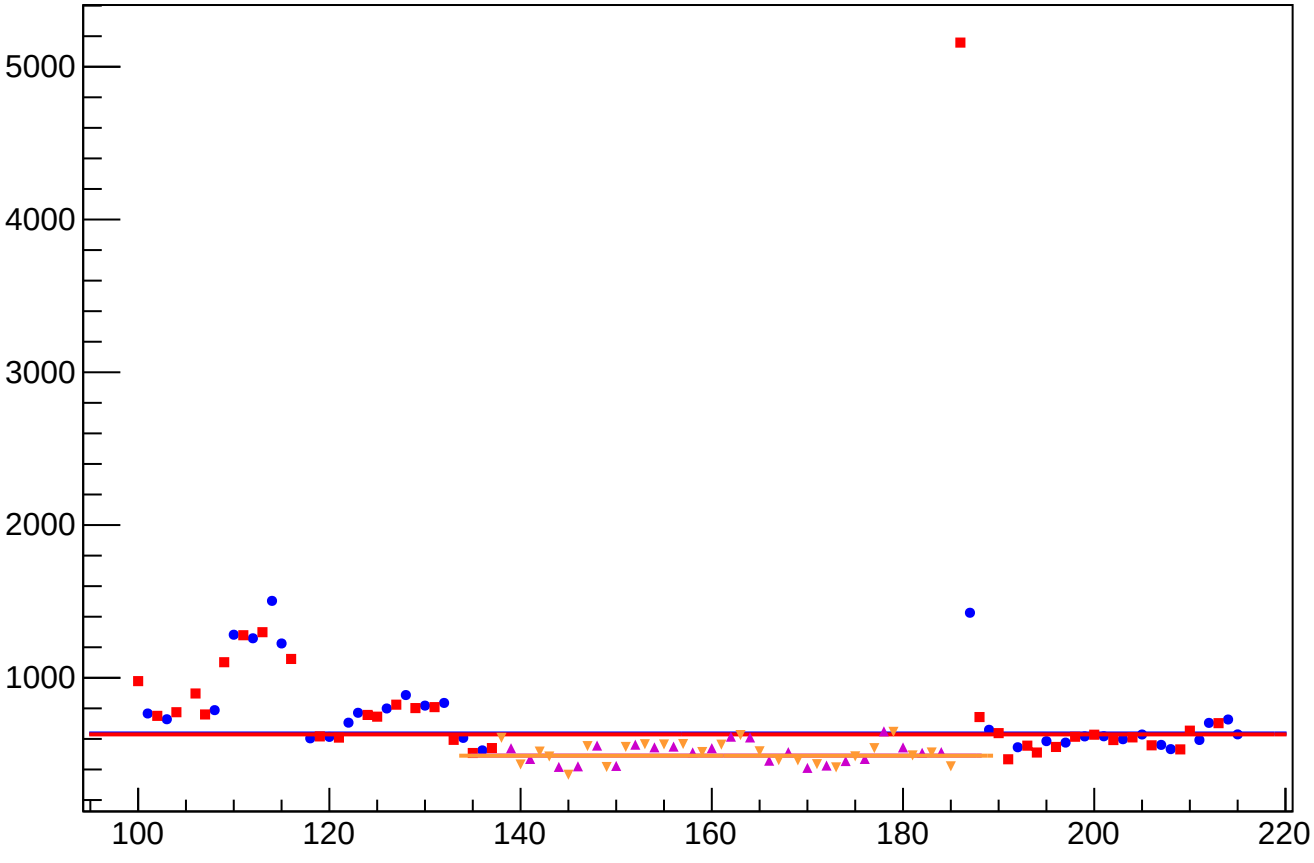
Left In: 123.017+/-118.849 χ^2/NDF:29.3/22

+ sign 423.679+/-92.916 χ^2/NDF: 62.2/56

All: 351.305+/-66.314 χ^2/NDF: 131.6/113

- sign 276.165+/-94.675 χ^2/NDF: 68.2/56

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: 629.630+/-0.111 χ^2/NDF: 2038638.5/33

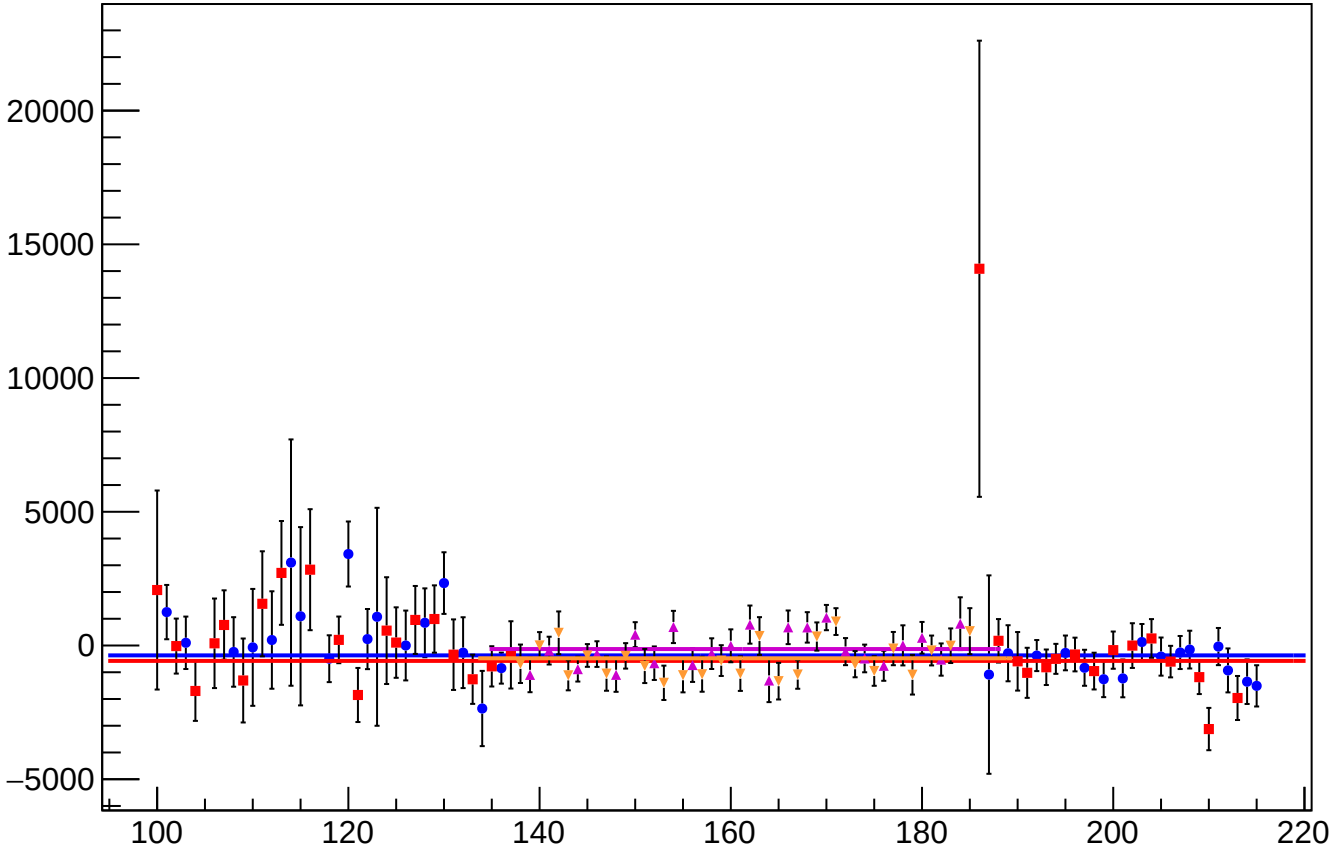
Left In: 490.910+/-0.084 χ^2/NDF:589235.5/22

+ sign 541.951+/-0.066 χ^2/NDF: 3099418.6/56

All: 541.780+/-0.047 χ^2/NDF: 6723003.1/113

- sign 541.603+/-0.067 χ^2/NDF: 3623570.7/56

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: -575.274+/-158.404 χ^2/NDF: 37.2/33

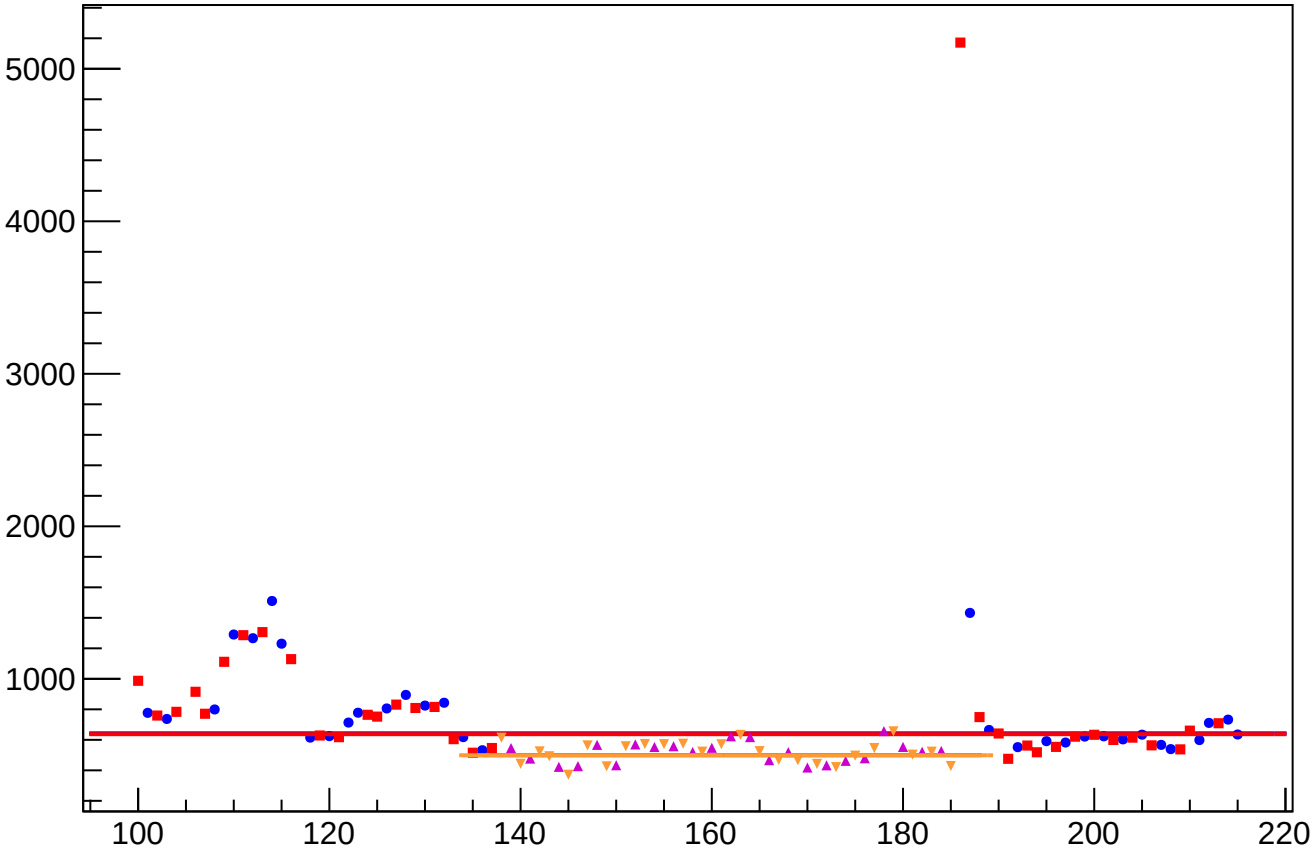
Left In: -132.543+/-120.866 χ^2/NDF:29.5/22

+ sign -439.247+/-94.267 χ^2/NDF: 59.8/56

All: -368.727+/-67.292 χ^2/NDF: 132.6/113

- sign -295.455+/-96.089 χ^2/NDF: 71.7/56

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: 637.075+/-0.112 χ^2/NDF: 2017452.6/33

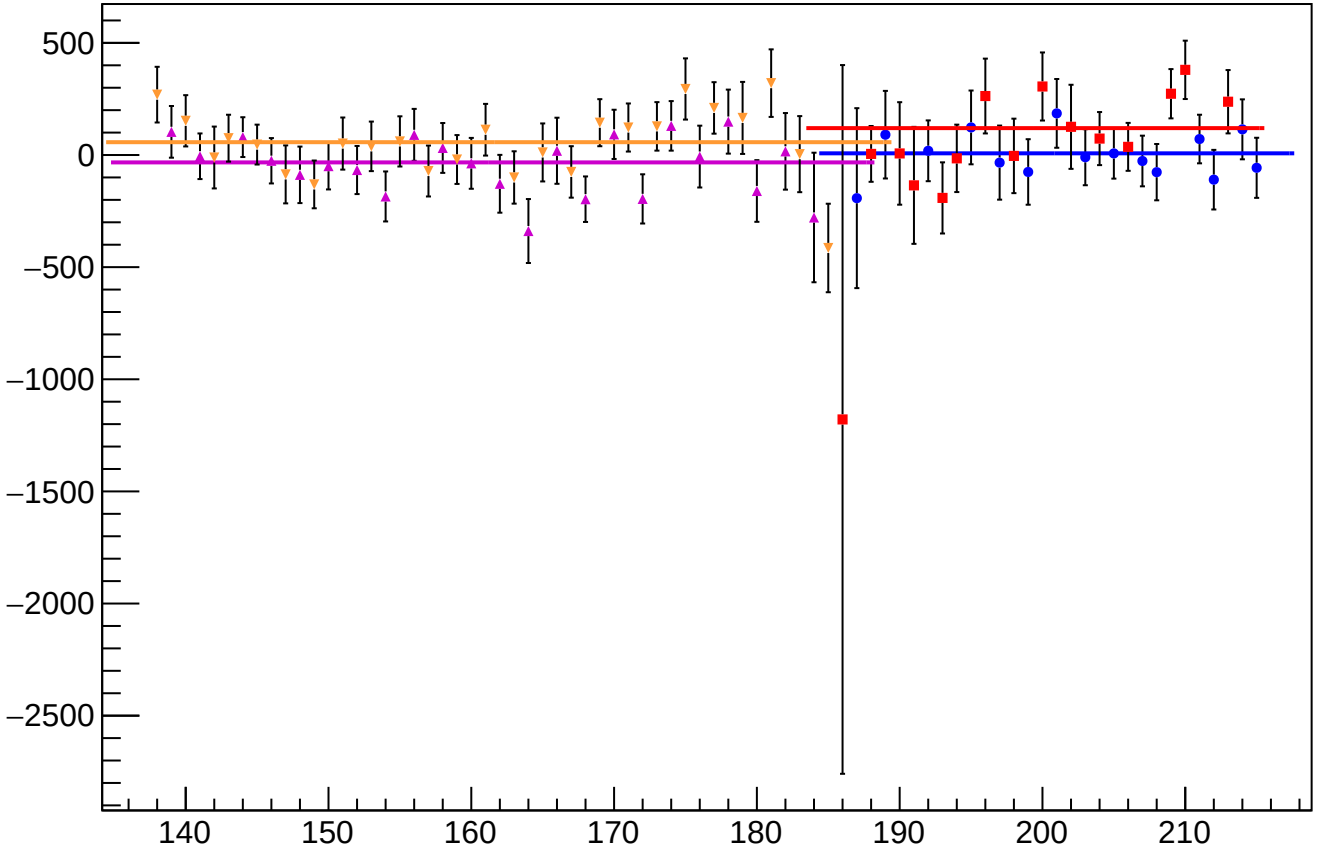
Left In: 499.393+/-0.085 χ^2/NDF:576539.2/22

+ sign 550.242+/-0.067 χ^2/NDF: 3017204.4/56

All: 550.151+/-0.048 χ^2/NDF: 6566162.8/113

- sign 550.056+/-0.068 χ^2/NDF: 3548954.5/56

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: 119.913+/-38.406 χ^2/NDF: 17.6/14

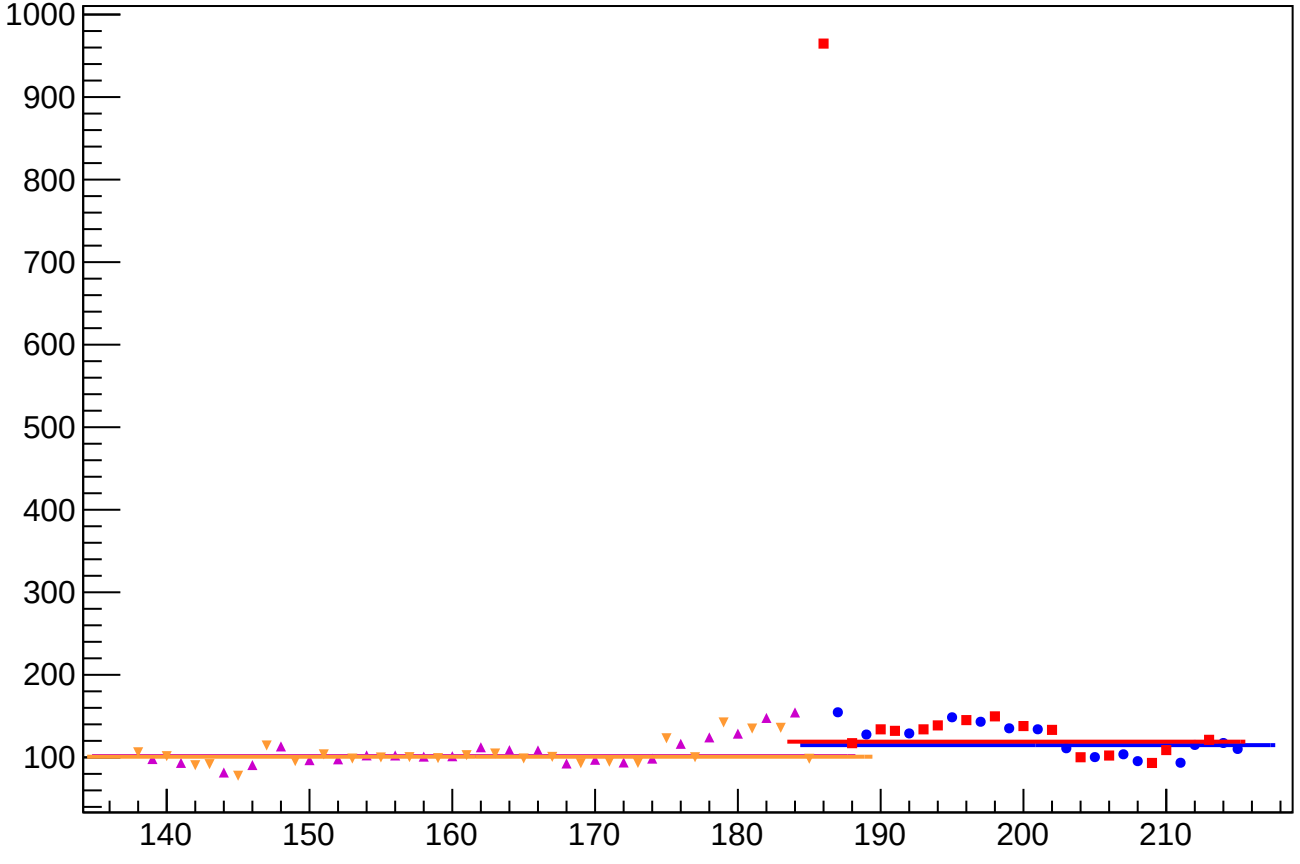
Left In: -32.948+/-24.587 χ^2/NDF:23.6/22

+ sign 41.949+/-19.739 χ^2/NDF: 35.8/39

All: 27.448+/-14.287 χ^2/NDF: 89.3/77

- sign 11.489+/-20.707 χ^2/NDF: 52.4/37

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: 119.020+/-0.027 χ^2/NDF: 1022239.2/14

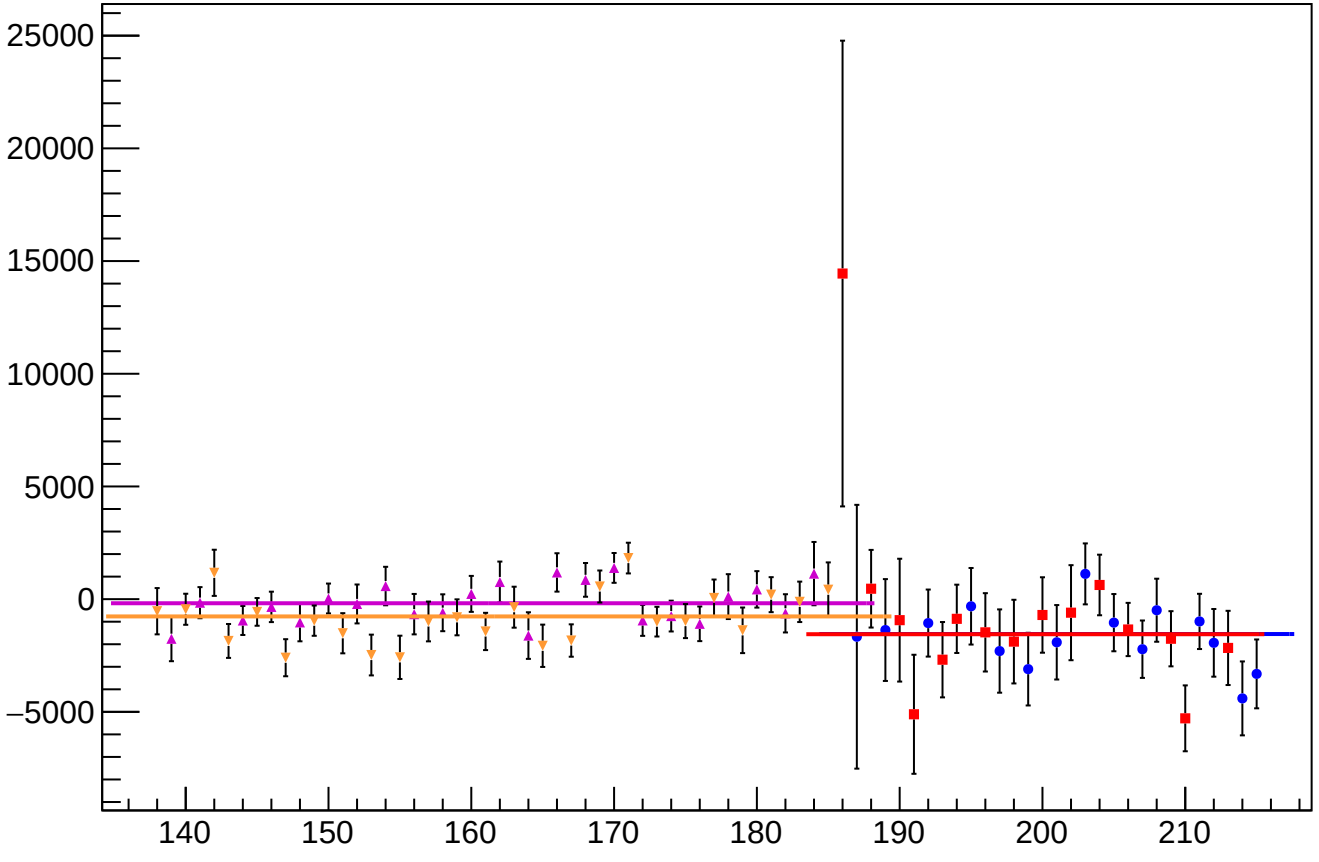
Left In: 101.622+/-0.017 χ^2/NDF:582329.3/22

+ sign 105.109+/-0.014 χ^2/NDF: 1261835.8/39

All: 105.857+/-0.010 χ^2/NDF: 3163568.2/77

- sign 106.680+/-0.015 χ^2/NDF: 1895704.5/37

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: -1554.933+/-430.462 χ^2/NDF: 16.2/14

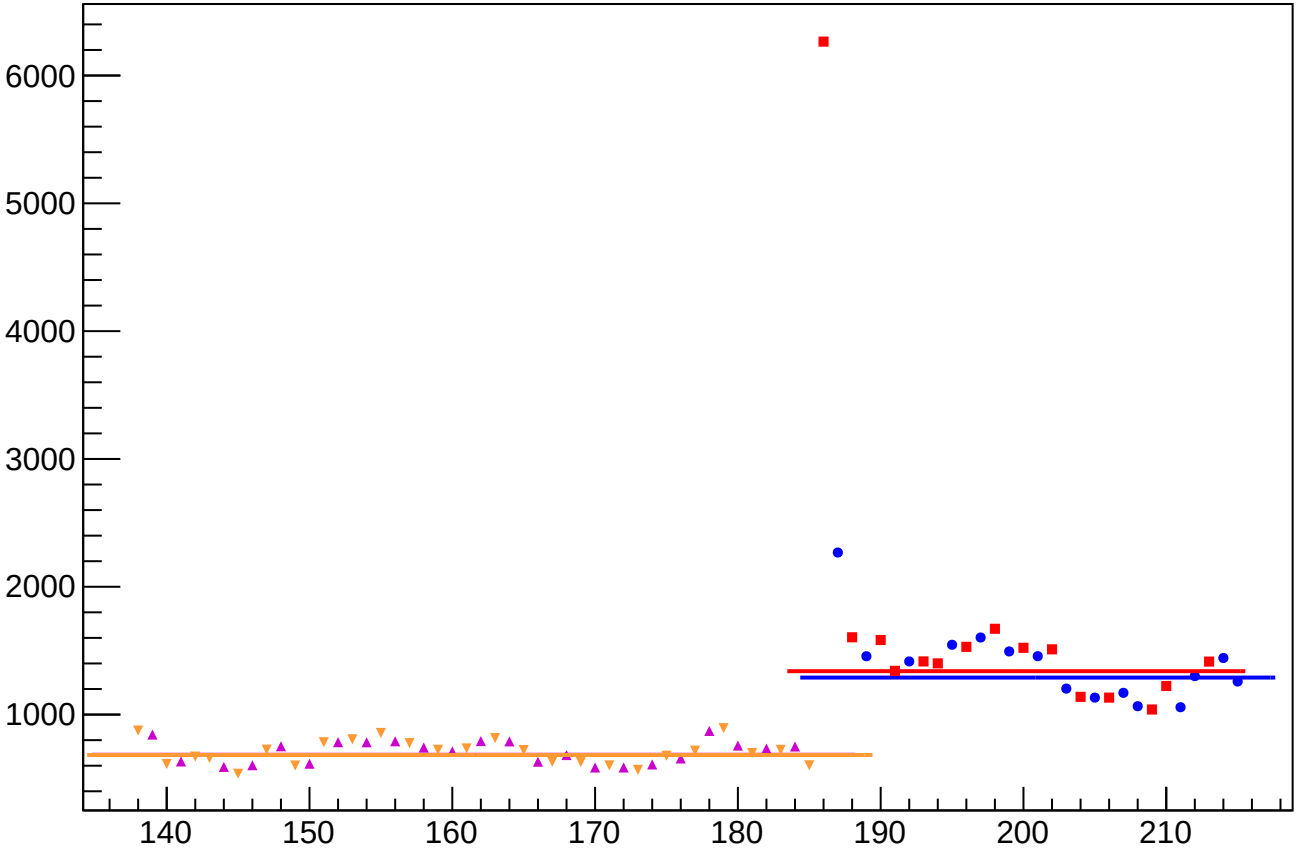
Left In: -181.584+/-165.671 χ^2/NDF:25.0/22

+ sign -875.657+/-149.369 χ^2/NDF: 61.2/39

All: -626.128+/-107.427 χ^2/NDF: 117.0/77

- sign -358.764+/-154.615 χ^2/NDF: 50.0/37

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: 1339.475+/-0.304 χ^2/NDF: 893203.0/14

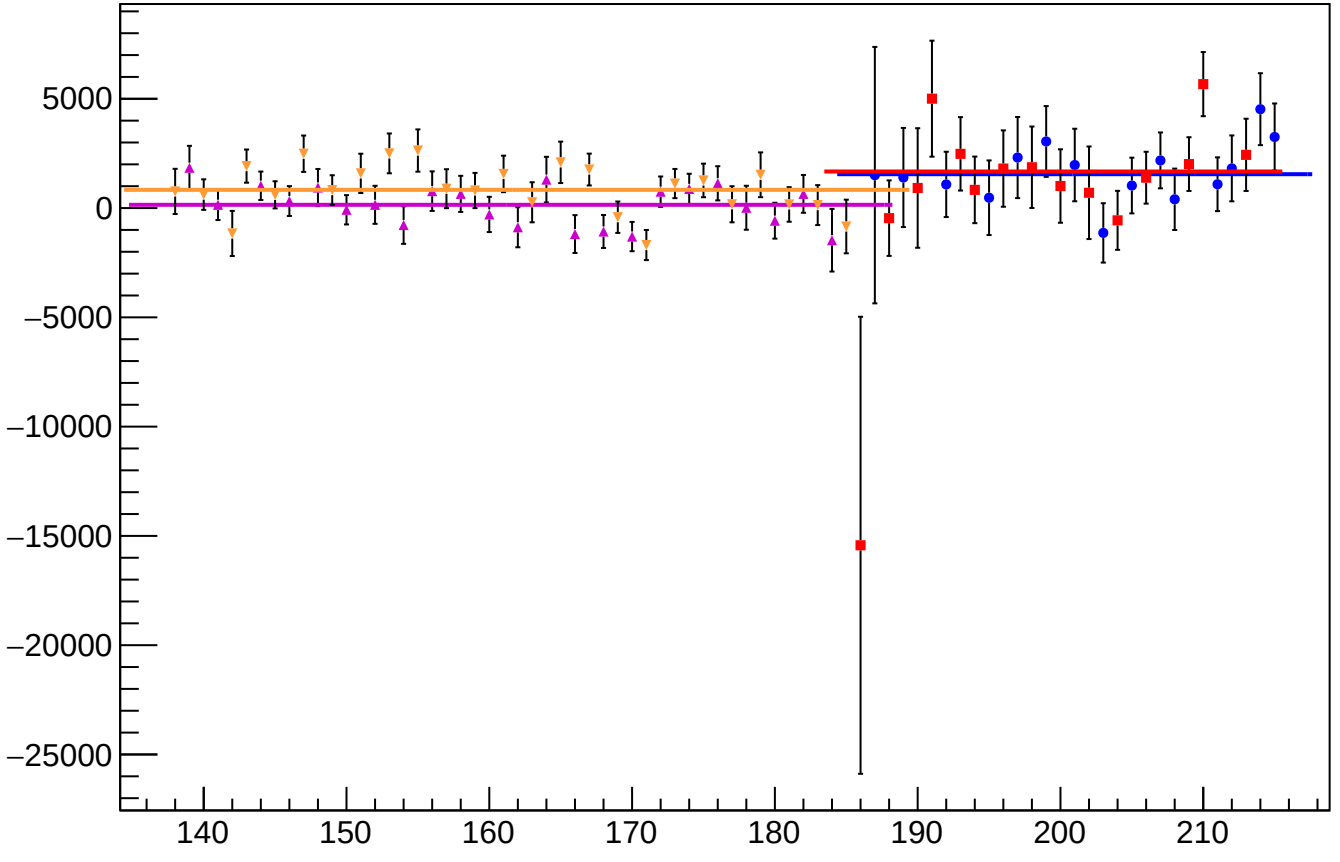
Left In: 685.593+/-0.117 χ^2/NDF:529353.6/22

+ sign 768.678+/-0.106 χ^2/NDF: 5061926.1/39

All: 769.293+/-0.076 χ^2/NDF: 10504047.6/77

- sign 769.952+/-0.109 χ^2/NDF: 5442051.2/37

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: 1673.621+/-432.277 χ^2/NDF: 17.3/14

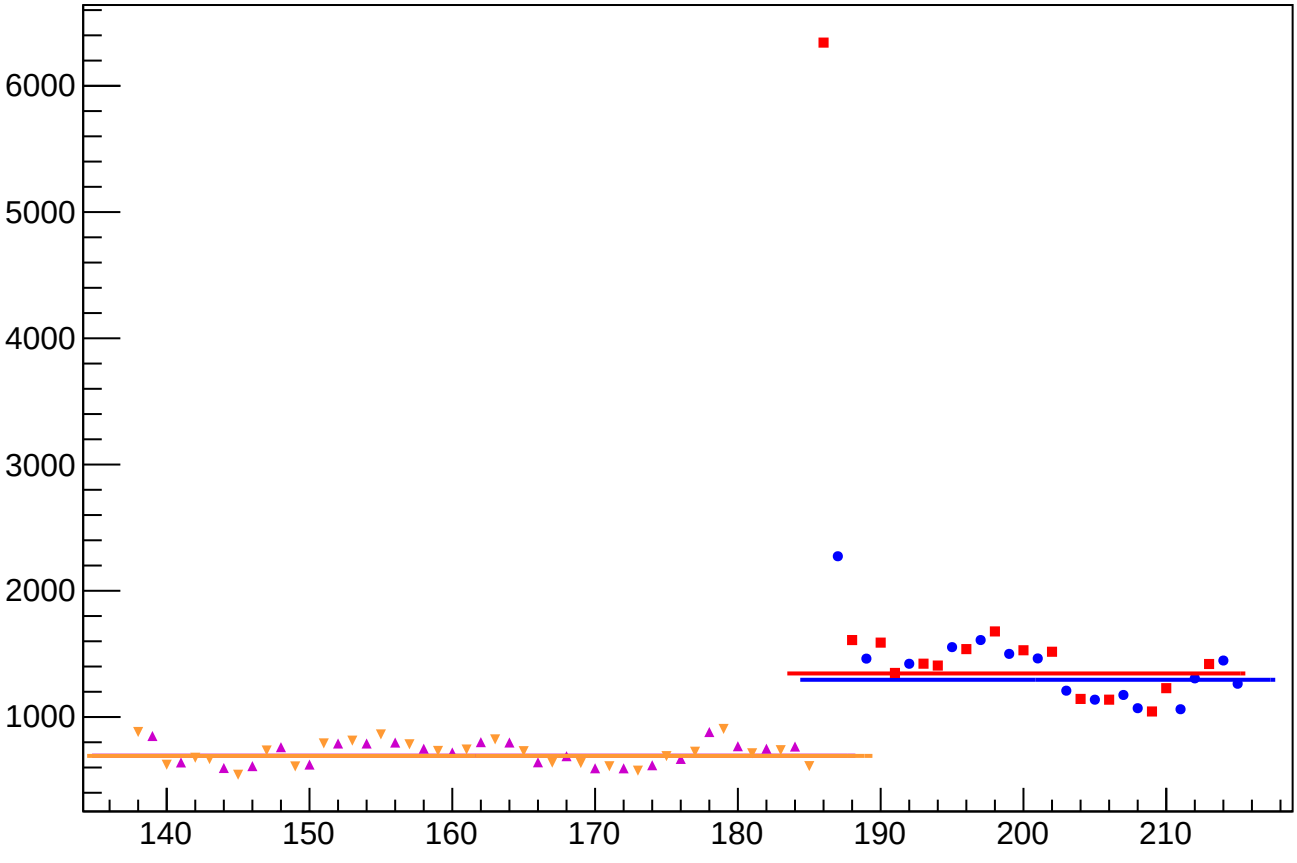
Left In: 148.814+/-167.644 χ^2/NDF:26.0/22

+ sign 934.977+/-150.968 χ^2/NDF: 57.2/39

All: 651.754+/-108.587 χ^2/NDF: 118.6/77

- sign 348.165+/-156.302 χ^2/NDF: 54.1/37

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: 1345.081+/-0.306 χ^2/NDF: 895630.8/14

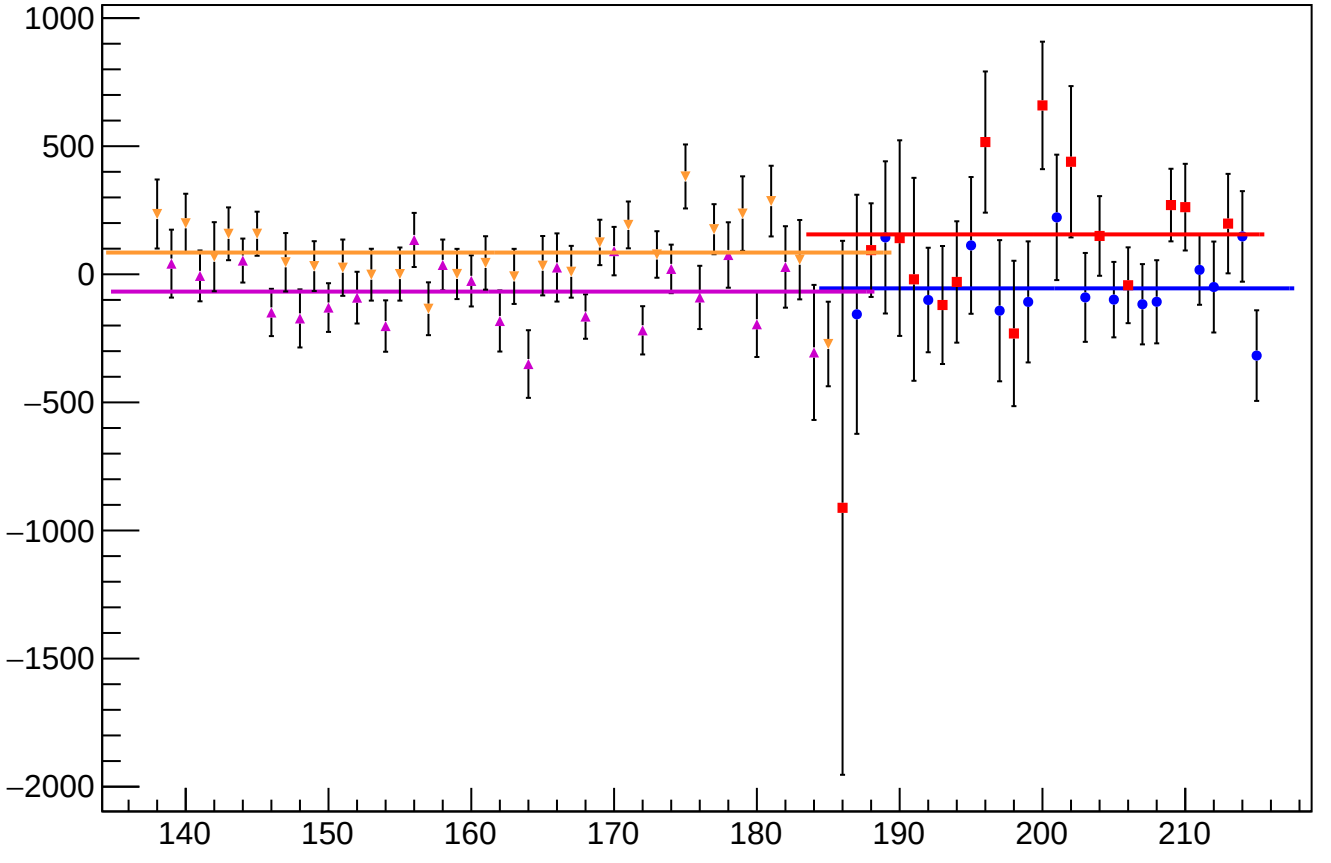
Left In: 693.867+/-0.119 χ^2/NDF:522053.5/22

+ sign 777.594+/-0.107 χ^2/NDF: 4974173.9/39

All: 778.276+/-0.077 χ^2/NDF: 10337457.3/77

- sign 779.006+/-0.111 χ^2/NDF: 5363199.0/37

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: 155.758+/-54.856 χ^2/NDF: 14.9/14

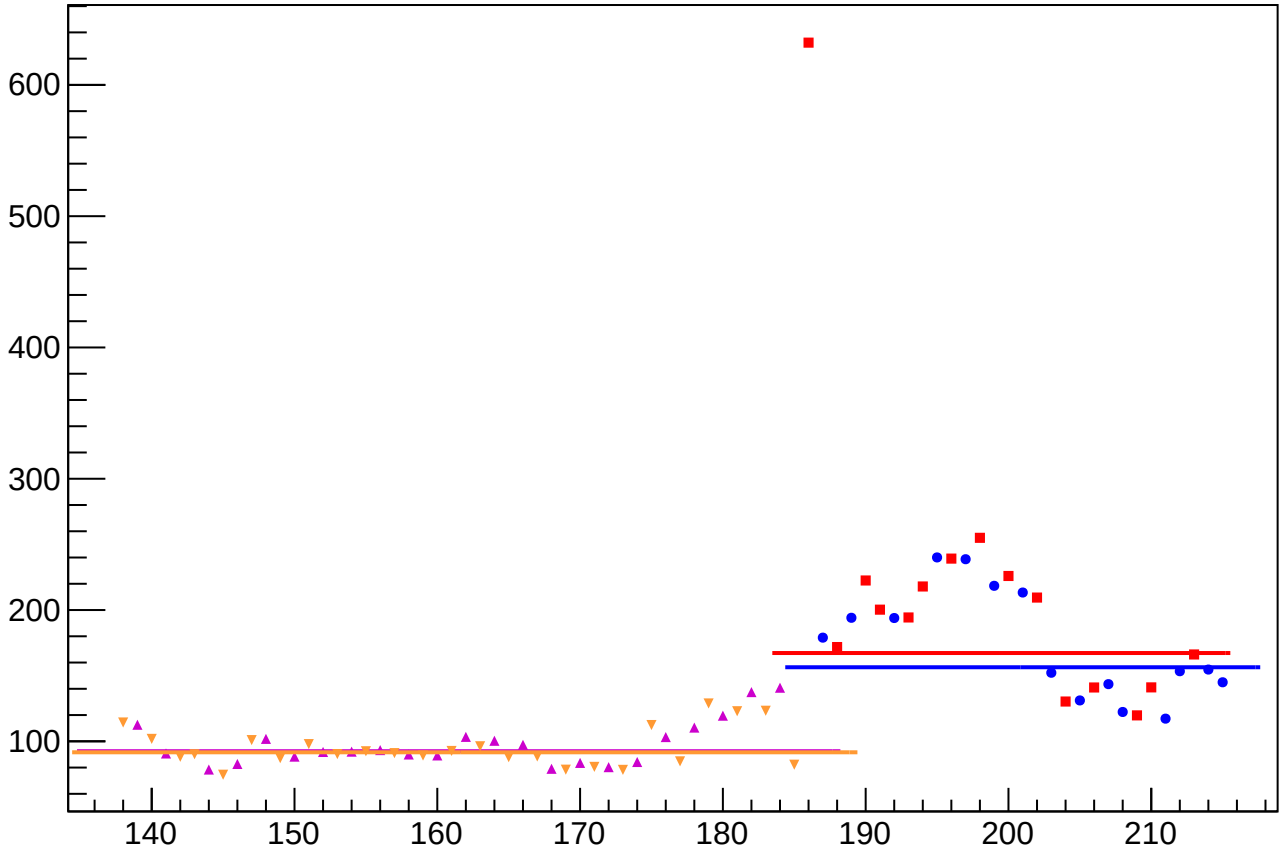
Left In: -67.552+/-22.449 χ^2/NDF:28.9/22

+ sign 62.372+/-19.825 χ^2/NDF: 41.8/39

All: 15.721+/-14.343 χ^2/NDF: 111.3/77

- sign -35.518+/-20.777 χ^2/NDF: 57.9/37

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: 167.249+/-0.039 χ^2/NDF: 1502756.0/14

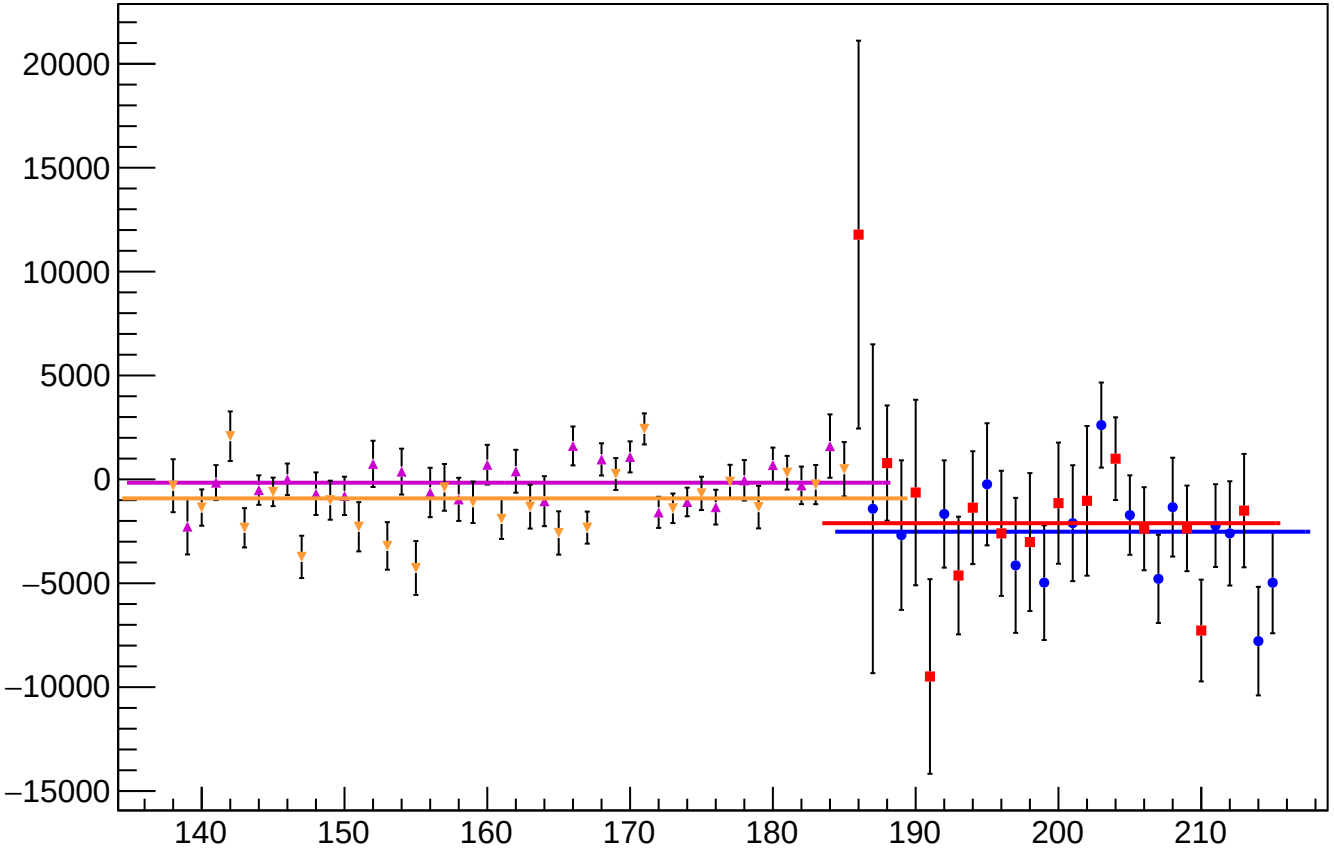
Left In: 92.466+/-0.016 χ^2/NDF:655700.4/22

+ sign 102.058+/-0.014 χ^2/NDF: 4638178.4/39

All: 102.599+/-0.010 χ^2/NDF: 9983574.4/77

- sign 103.194+/-0.015 χ^2/NDF: 5342267.2/37

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: -2109.498+/-719.285 χ^2/NDF: 14.0/14

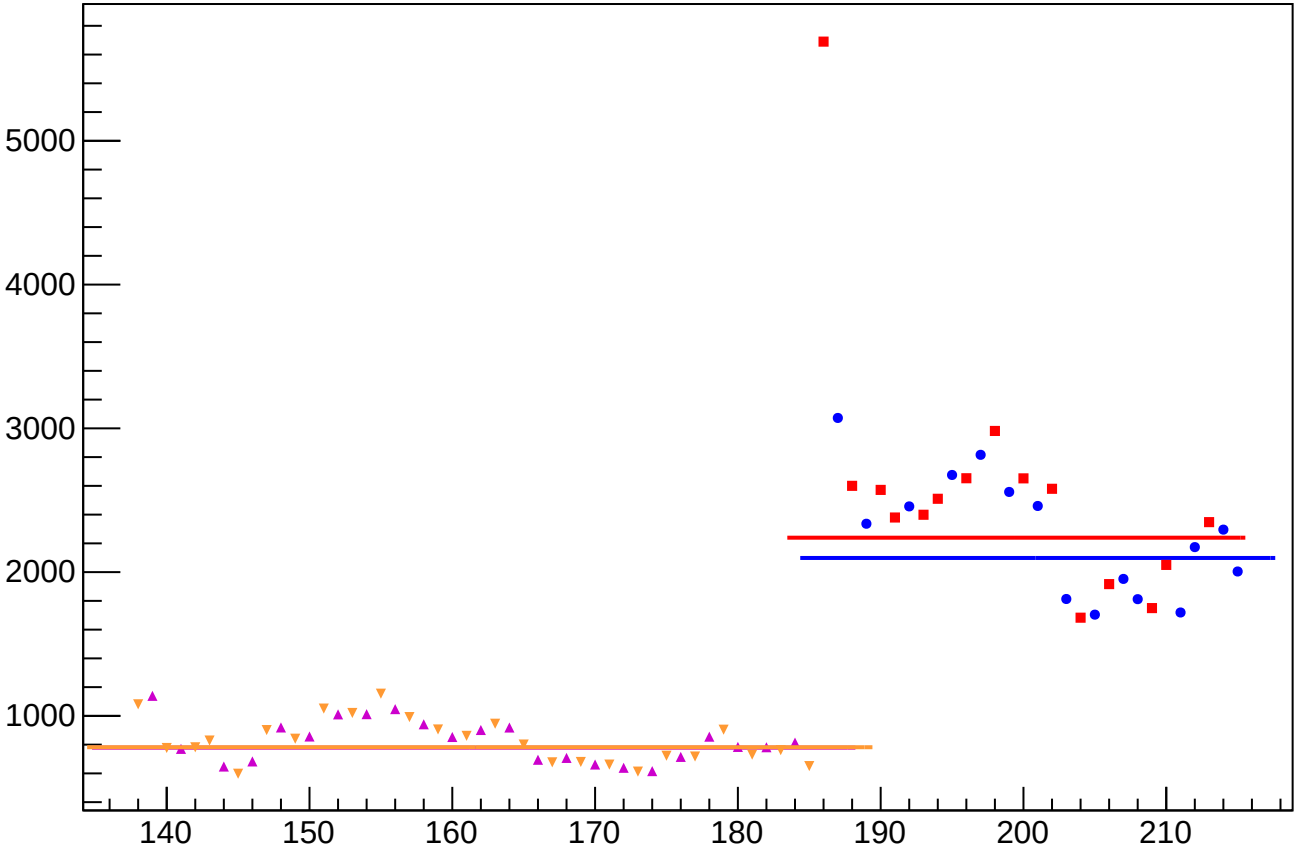
Left In: -161.076+/-189.491 χ^2/NDF:25.1/22

+ sign -1034.546+/-178.285 χ^2/NDF: 84.5/39

All: -671.269+/-127.782 χ^2/NDF: 139.0/77

- sign -287.525+/-183.239 χ^2/NDF: 46.0/37

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: 2239.506+/-0.509 χ^2/NDF: 878705.3/14

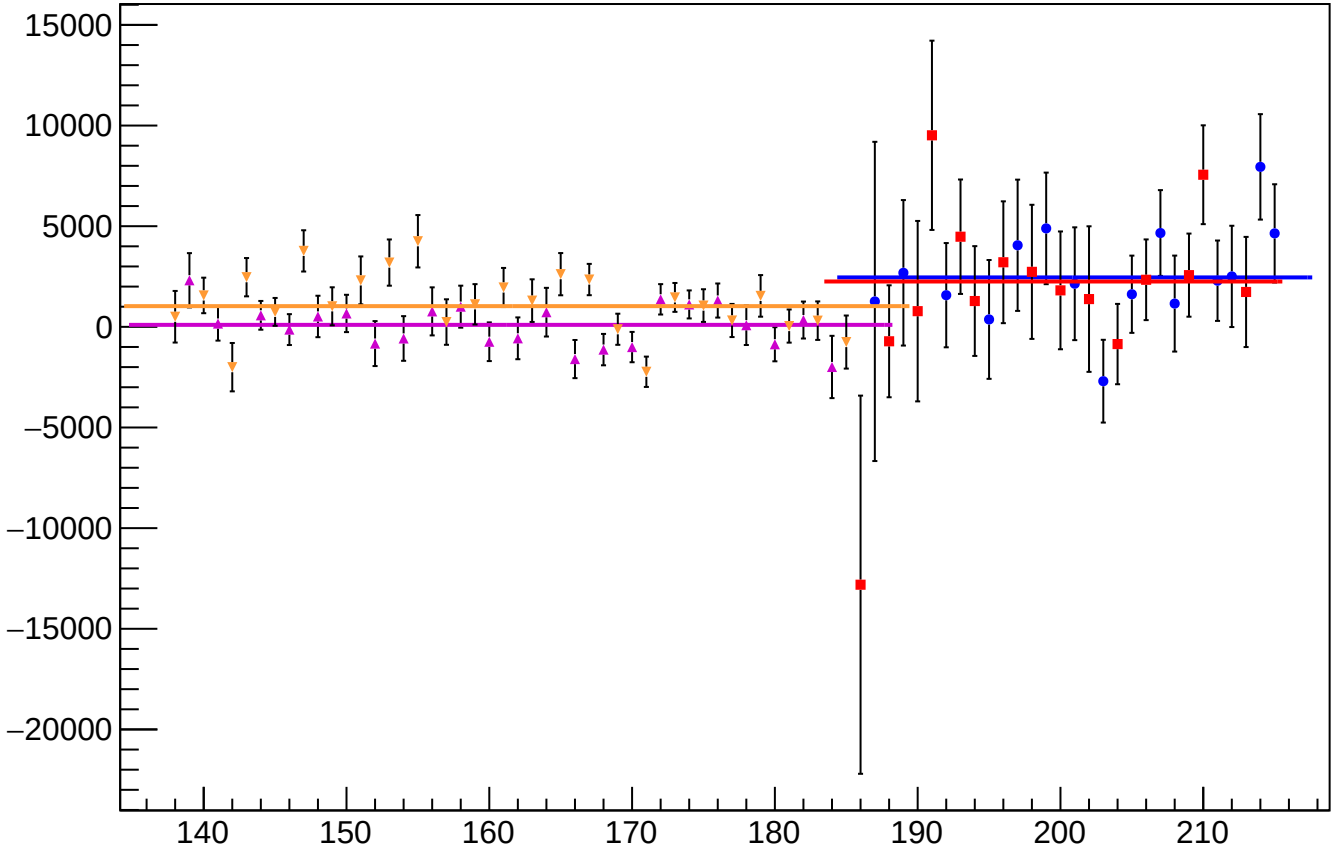
Left In: 778.995+/-0.134 χ^2/NDF:980243.4/22

+ sign 880.362+/-0.126 χ^2/NDF: 9259137.8/39

All: 877.161+/-0.090 χ^2/NDF: 18830165.2/77

- sign 873.779+/-0.130 χ^2/NDF: 9569701.5/37

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: 2253.088+/-721.600 χ^2/NDF: 14.3/14

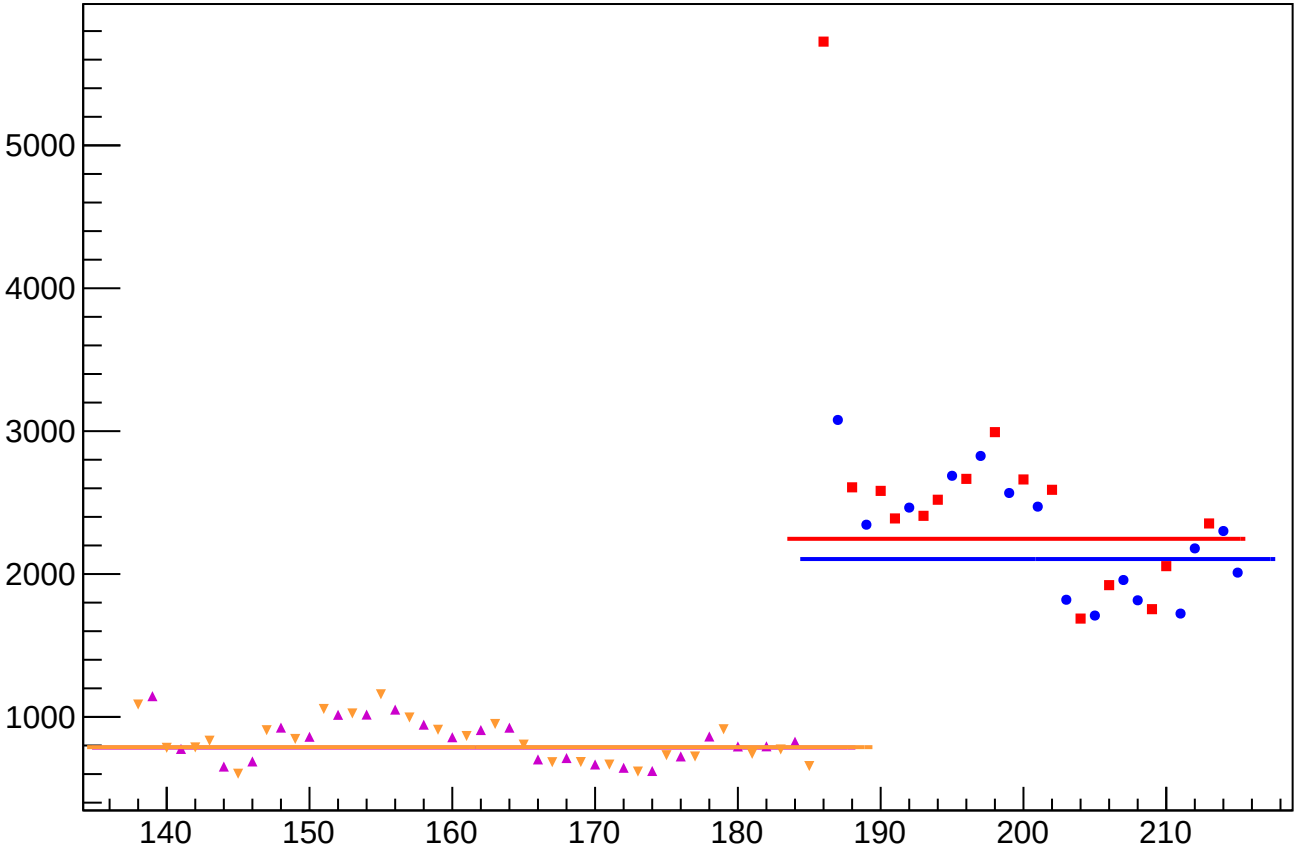
Left In: 98.691+/-191.027 χ^2/NDF:25.4/22

+ sign 1136.374+/-179.635 χ^2/NDF: 79.3/39

All: 700.459+/-128.763 χ^2/NDF: 139.4/77

- sign 239.784+/-184.666 χ^2/NDF: 48.0/37

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: 2246.507+/-0.510 χ^2/NDF: 882515.2/14

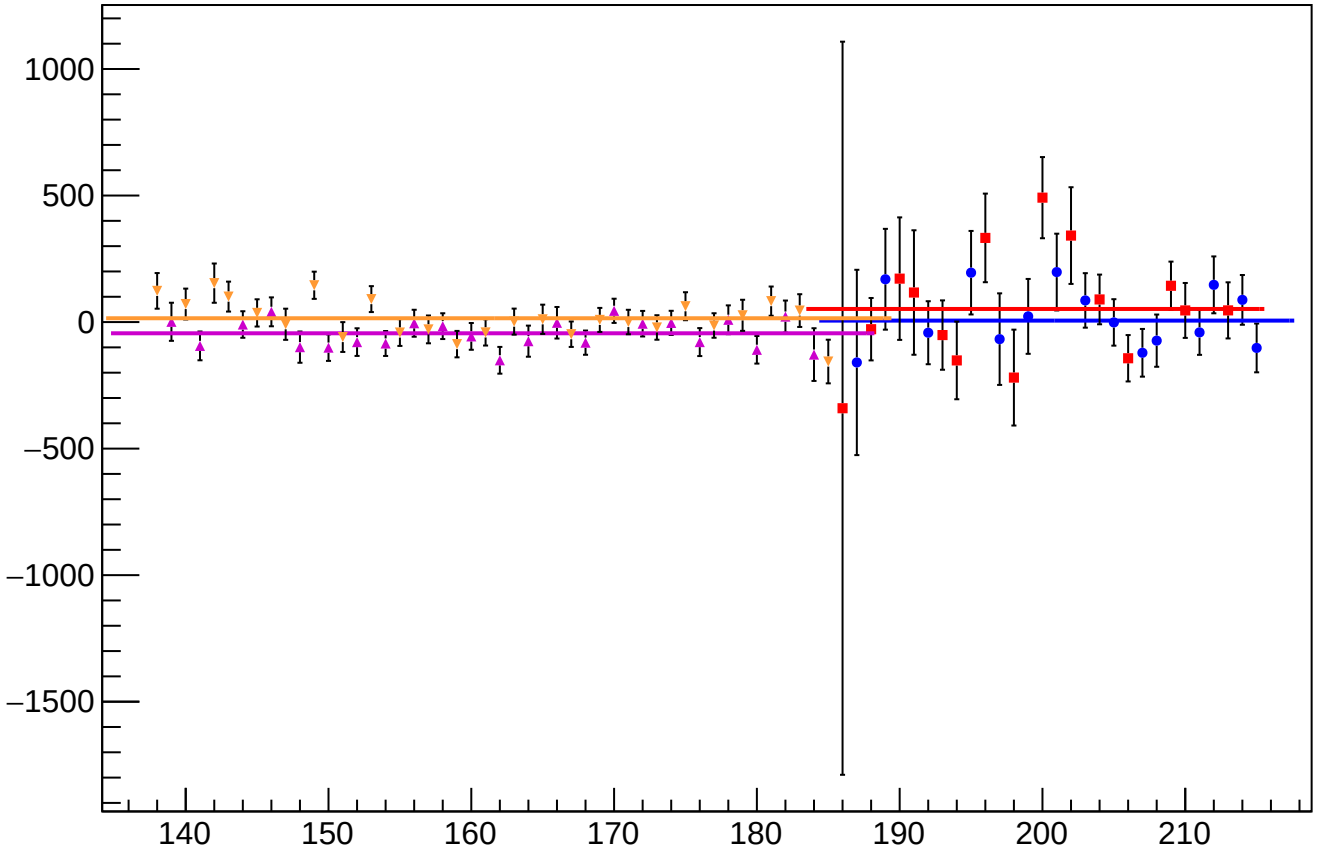
Left In: 785.490+/-0.135 χ^2/NDF:965338.9/22

+ sign 887.637+/-0.127 χ^2/NDF: 9192515.3/39

All: 884.494+/-0.091 χ^2/NDF: 18703423.3/77

- sign 881.173+/-0.131 χ^2/NDF: 9509649.1/37

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: 51.822+/-34.897 χ^2/NDF: 23.2/14

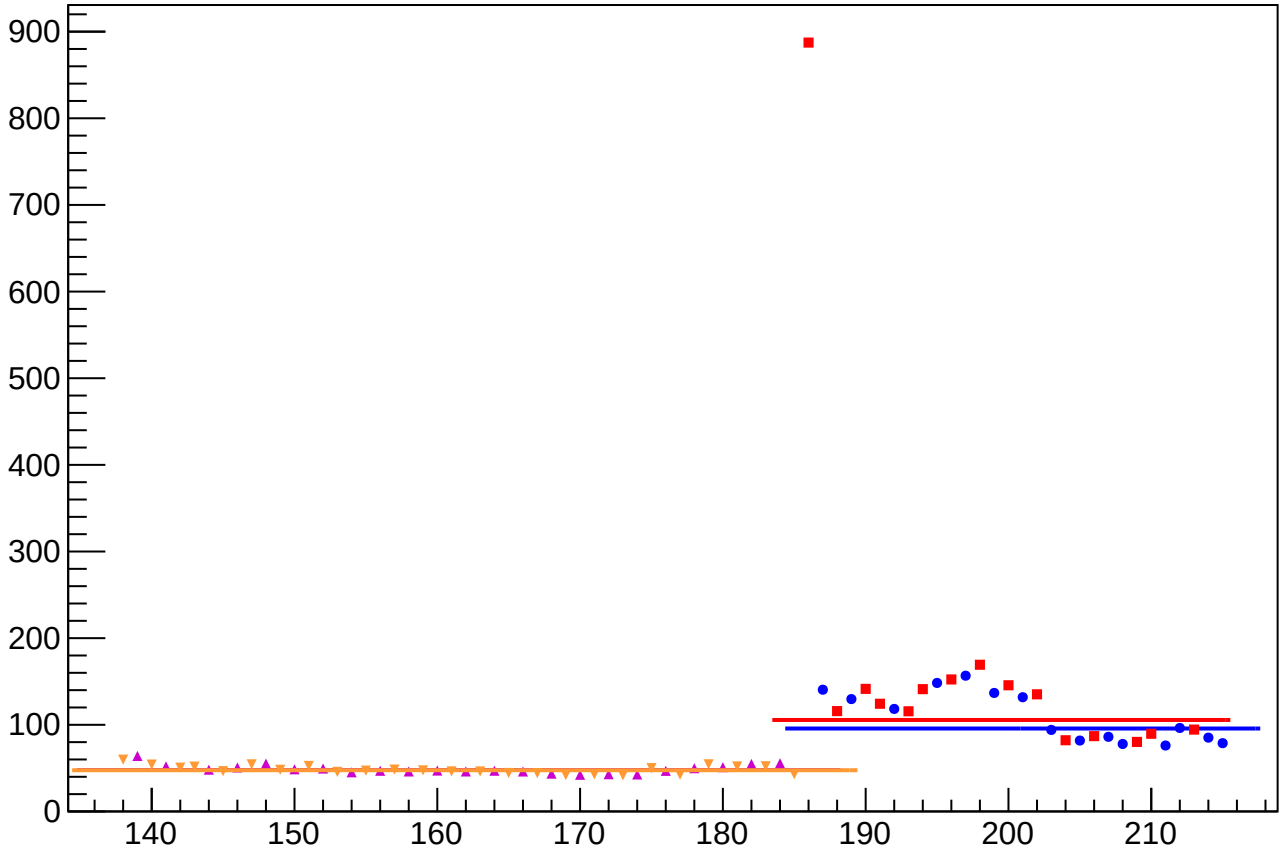
Left In: -44.297+/-11.530 χ^2/NDF:22.3/22

+ sign 13.997+/-10.471 χ^2/NDF: 45.2/39

All: -9.335+/-7.567 χ^2/NDF: 107.9/77

- sign -34.837+/-10.948 χ^2/NDF: 52.3/37

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: 105.584+/-0.025 χ^2/NDF: 1712295.2/14

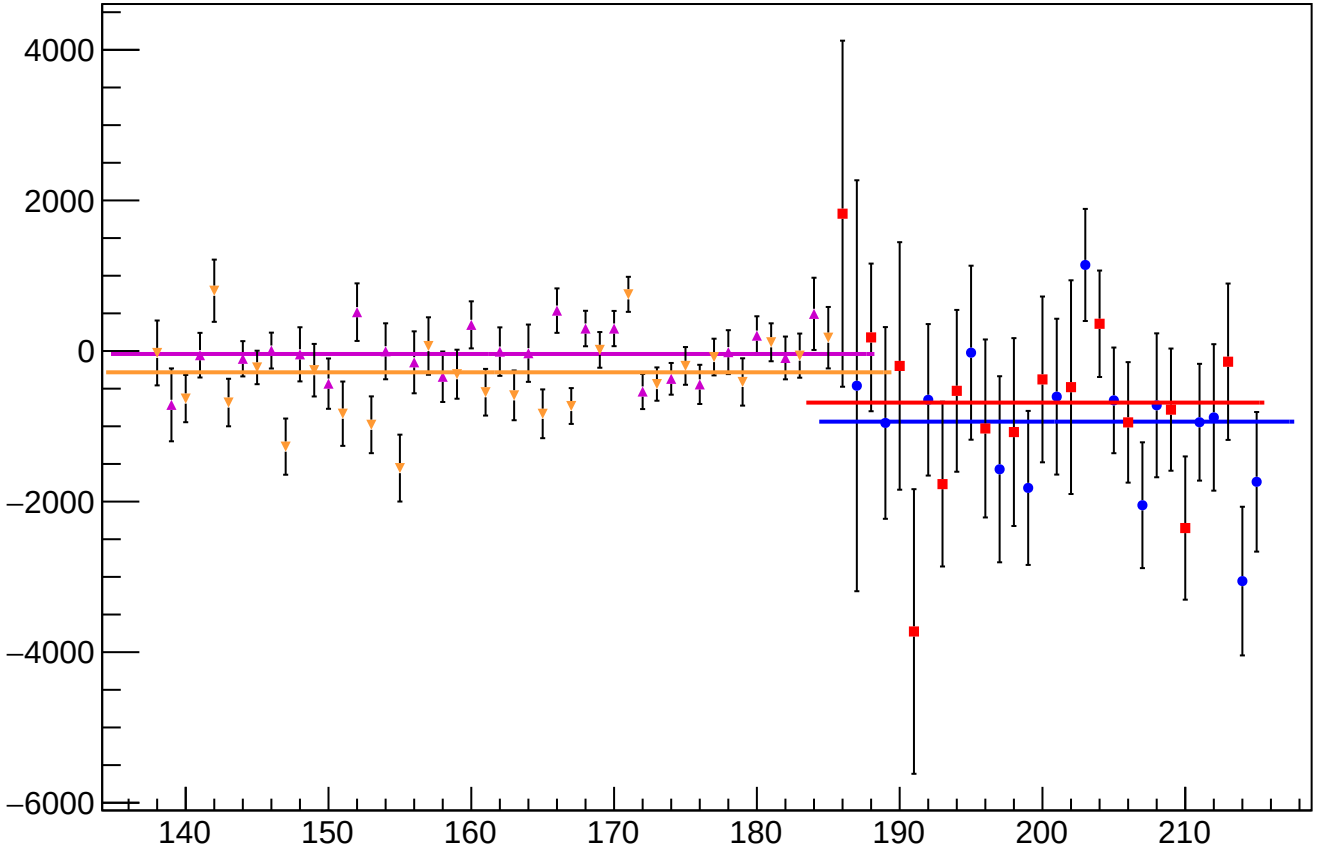
Left In: 47.846+/-0.008 χ^2/NDF:281790.1/22

+ sign 53.299+/-0.007 χ^2/NDF: 5894131.4/39

All: 53.409+/-0.005 χ^2/NDF: 12824924.9/77

- sign 53.529+/-0.008 χ^2/NDF: 6930334.8/37

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: -685.269+/-273.447 χ^2/NDF: 11.6/14

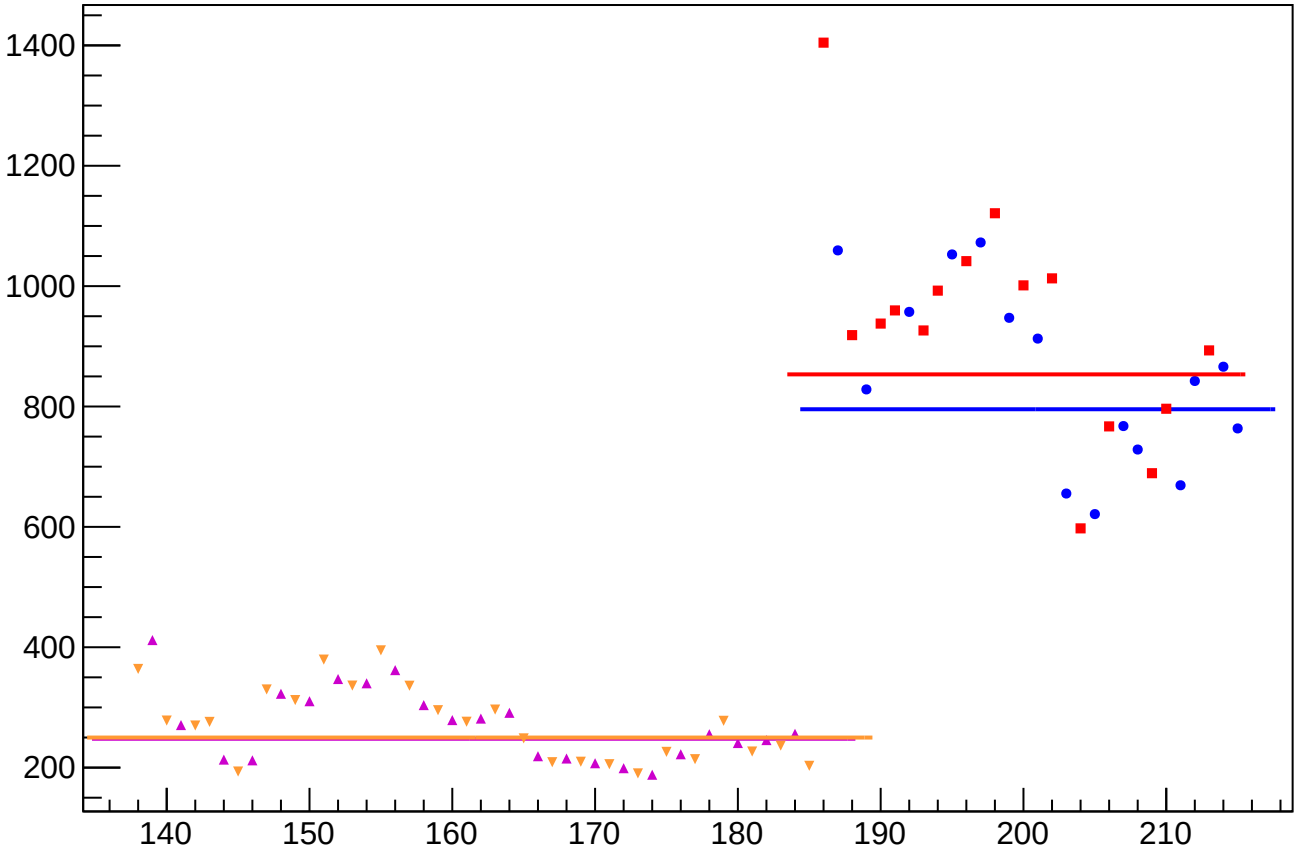
Left In: -39.432+/-60.759 χ^2/NDF:27.5/22

+ sign -318.777+/-58.028 χ^2/NDF: 90.1/39

All: -197.021+/-41.479 χ^2/NDF: 143.6/77

- sign -69.817+/-59.312 χ^2/NDF: 44.4/37

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: 853.382+/-0.193 χ^2/NDF: 759352.6/14

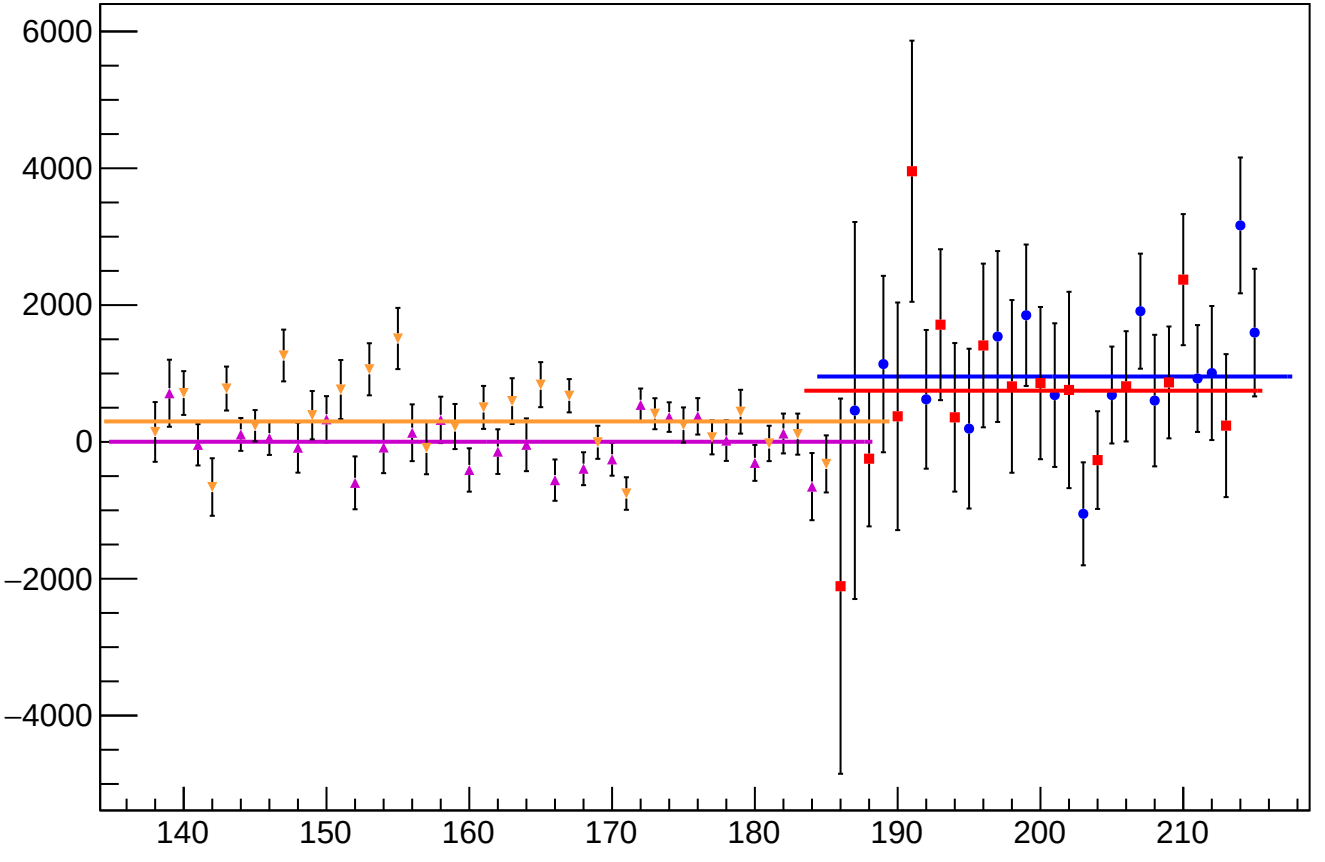
Left In: 247.917+/-0.043 χ^2/NDF:1410847.5/22

+ sign 279.902+/-0.041 χ^2/NDF: 11401366.5/39

All: 278.191+/-0.029 χ^2/NDF: 22919093.1/77

- sign 276.403+/-0.042 χ^2/NDF: 11514169.6/37

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: 748.614+/-276.484 χ^2/NDF: 11.3/14

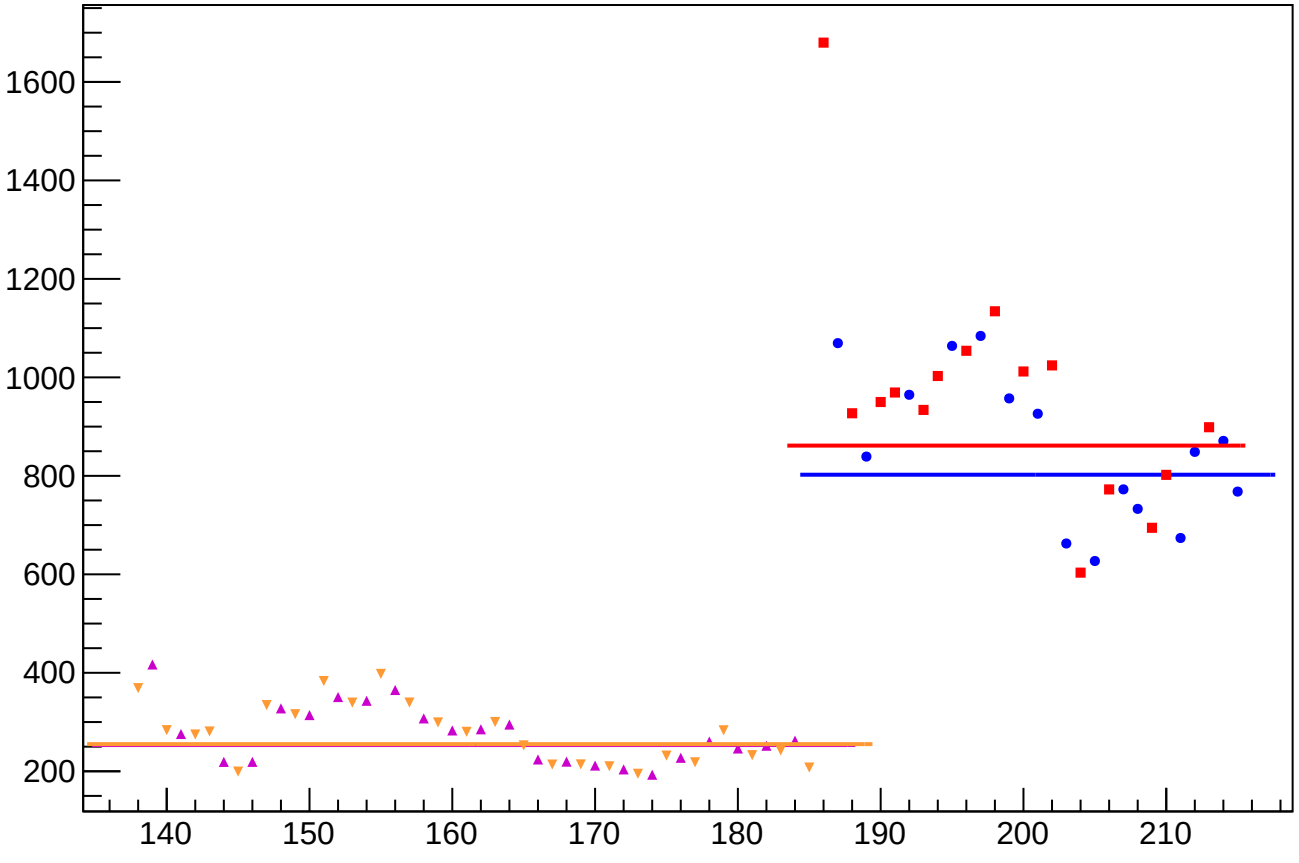
Left In: 2.185+/-62.005 χ^2/NDF:29.2/22

+ sign 336.337+/-59.130 χ^2/NDF: 84.7/39

All: 190.554+/-42.288 χ^2/NDF: 144.6/77

- sign 37.928+/-60.502 χ^2/NDF: 47.4/37

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: 861.437+/-0.196 χ^2/NDF: 828166.7/14

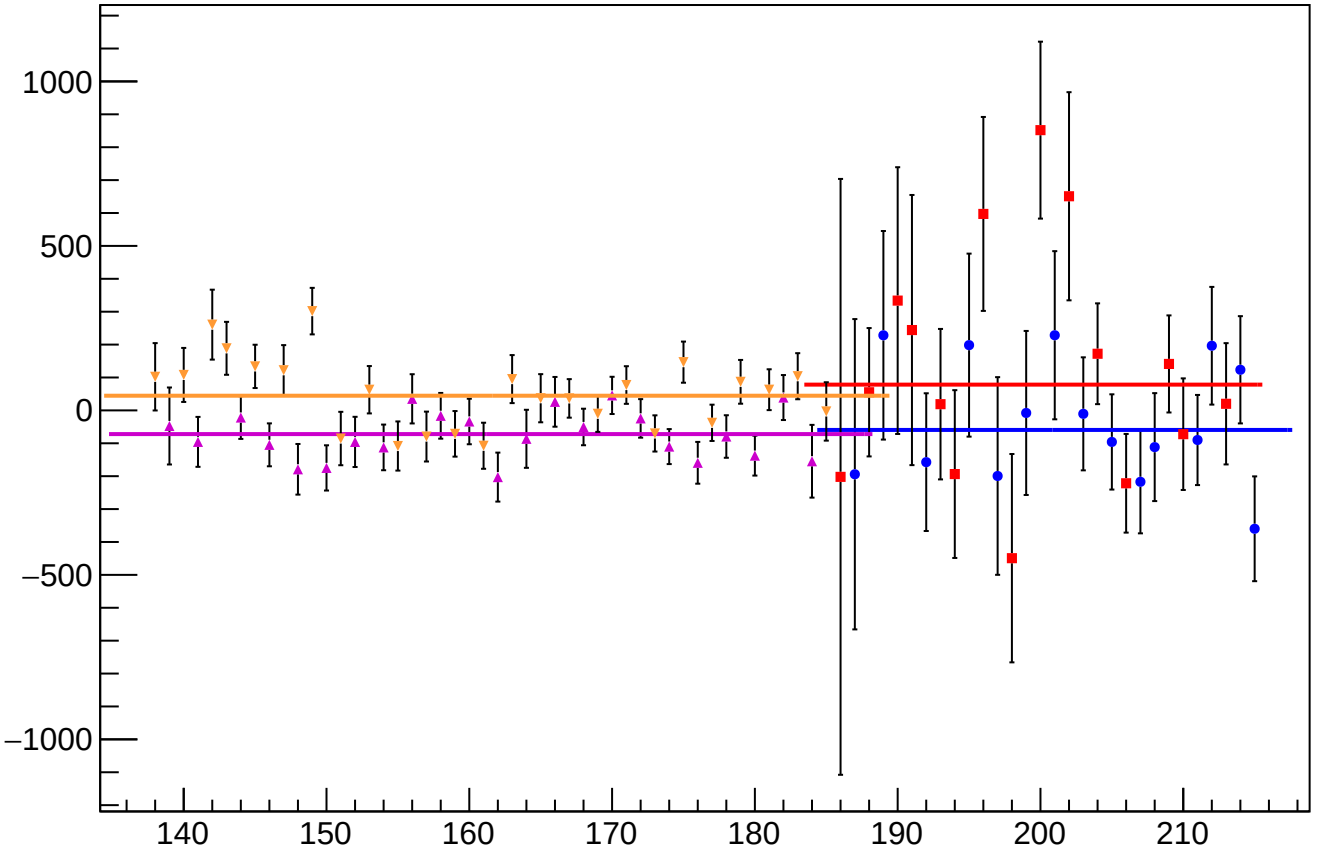
Left In: 253.287+/-0.044 χ^2/NDF:1341662.3/22

+ sign 285.788+/-0.042 χ^2/NDF: 11220280.0/39

All: 284.137+/-0.030 χ^2/NDF: 22606280.3/77

- sign 282.409+/-0.043 χ^2/NDF: 11382808.5/37

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: 78.317+/-56.210 χ^2/NDF: 24.7/14

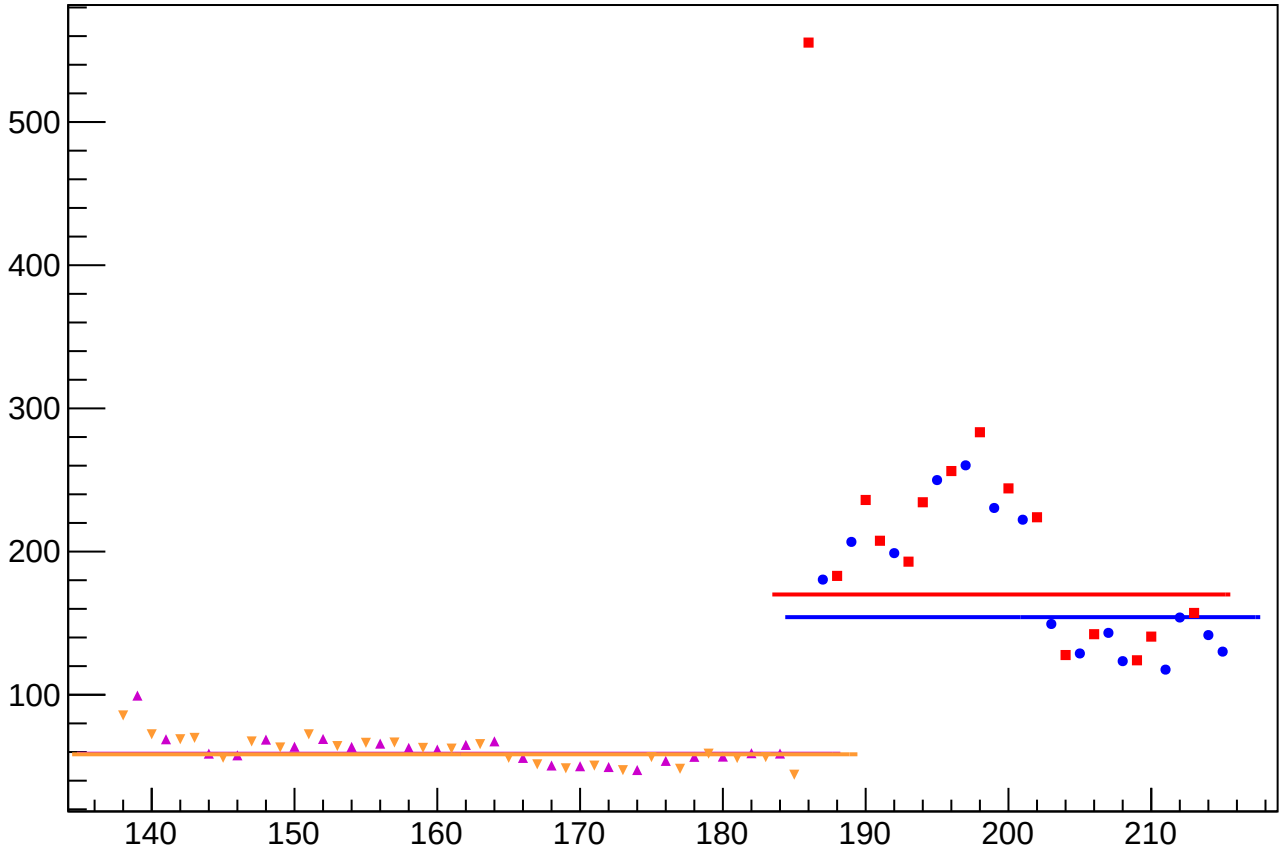
Left In: -72.037+/-14.296 χ^2/NDF:25.3/22

+ sign 36.979+/-13.308 χ^2/NDF: 69.7/39

All: -10.951+/-9.598 χ^2/NDF: 153.5/77

- sign -62.902+/-13.855 χ^2/NDF: 56.8/37

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: 170.040+/-0.040 χ^2/NDF: 1710382.8/14

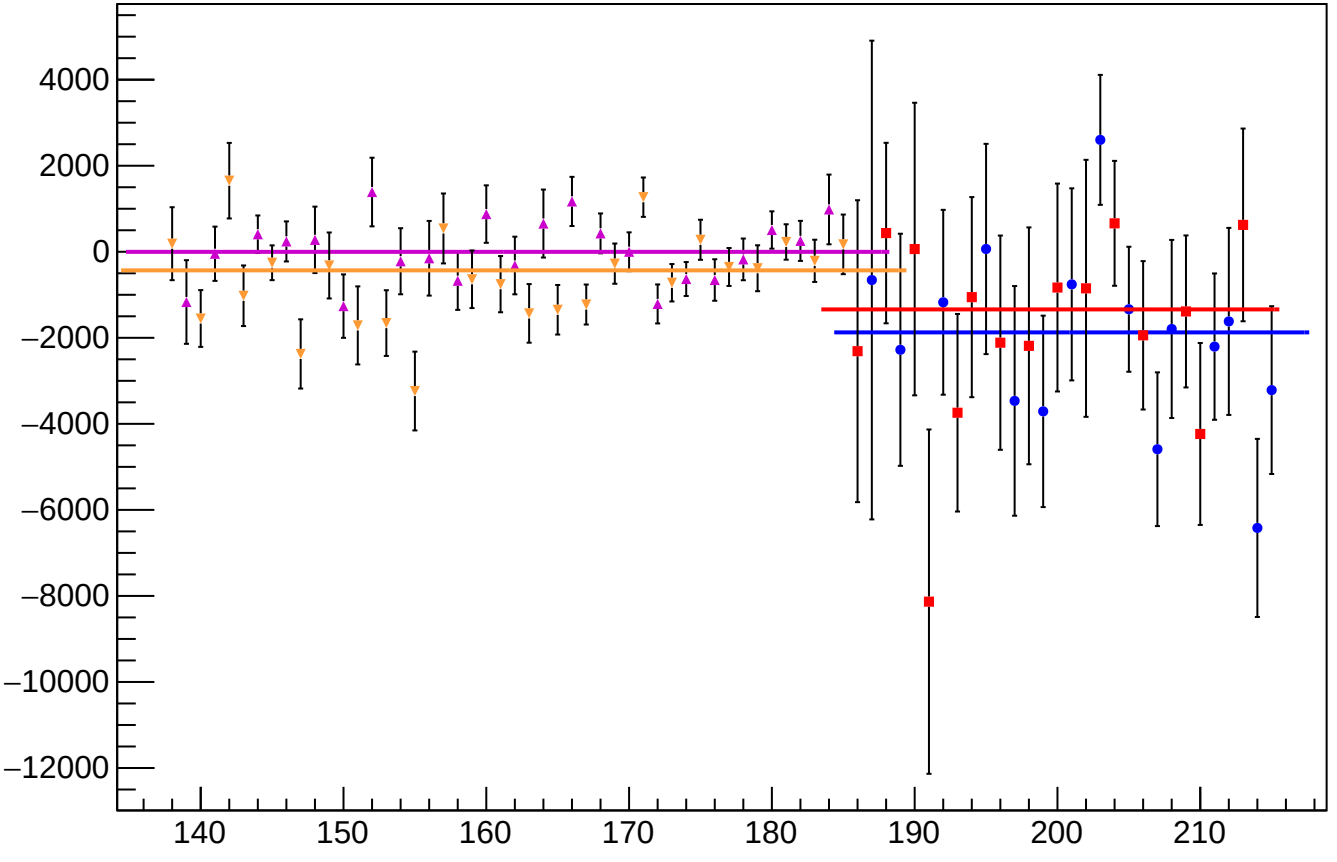
Left In: 58.840+/-0.010 χ^2/NDF:679925.7/22

+ sign 65.442+/-0.009 χ^2/NDF: 9136756.0/39

All: 65.516+/-0.007 χ^2/NDF: 18878898.2/77

- sign 65.596+/-0.010 χ^2/NDF: 9742013.3/37

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: -1339.714+/-581.011 χ^2/NDF: 9.9/14

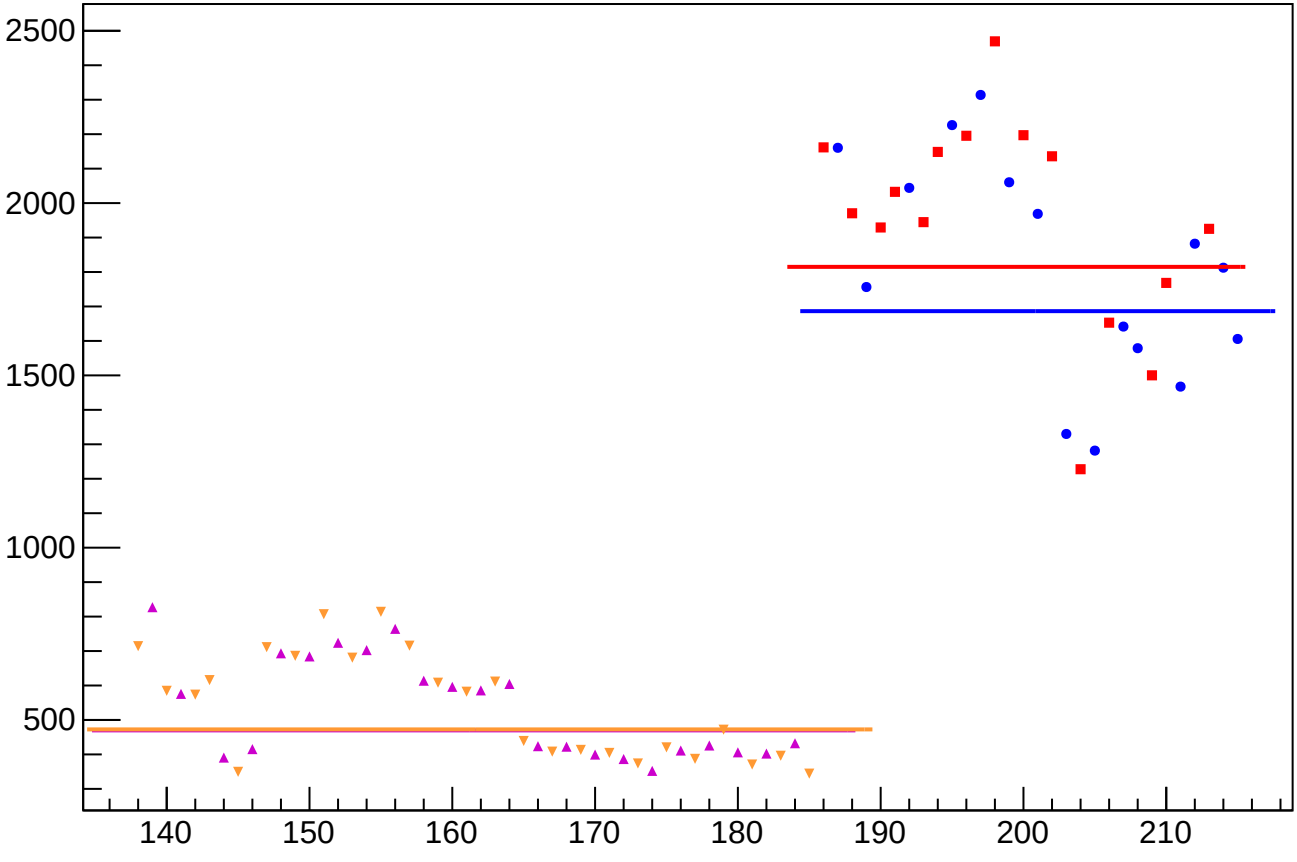
Left In: -1.825+/-116.459 χ^2/NDF:32.3/22

+ sign -497.368+/-111.798 χ^2/NDF: 85.2/39

All: -280.128+/-79.885 χ^2/NDF: 140.2/77

- sign -53.501+/-114.188 χ^2/NDF: 47.3/37

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: 1814.939+/-0.411 χ^2/NDF: 733291.1/14

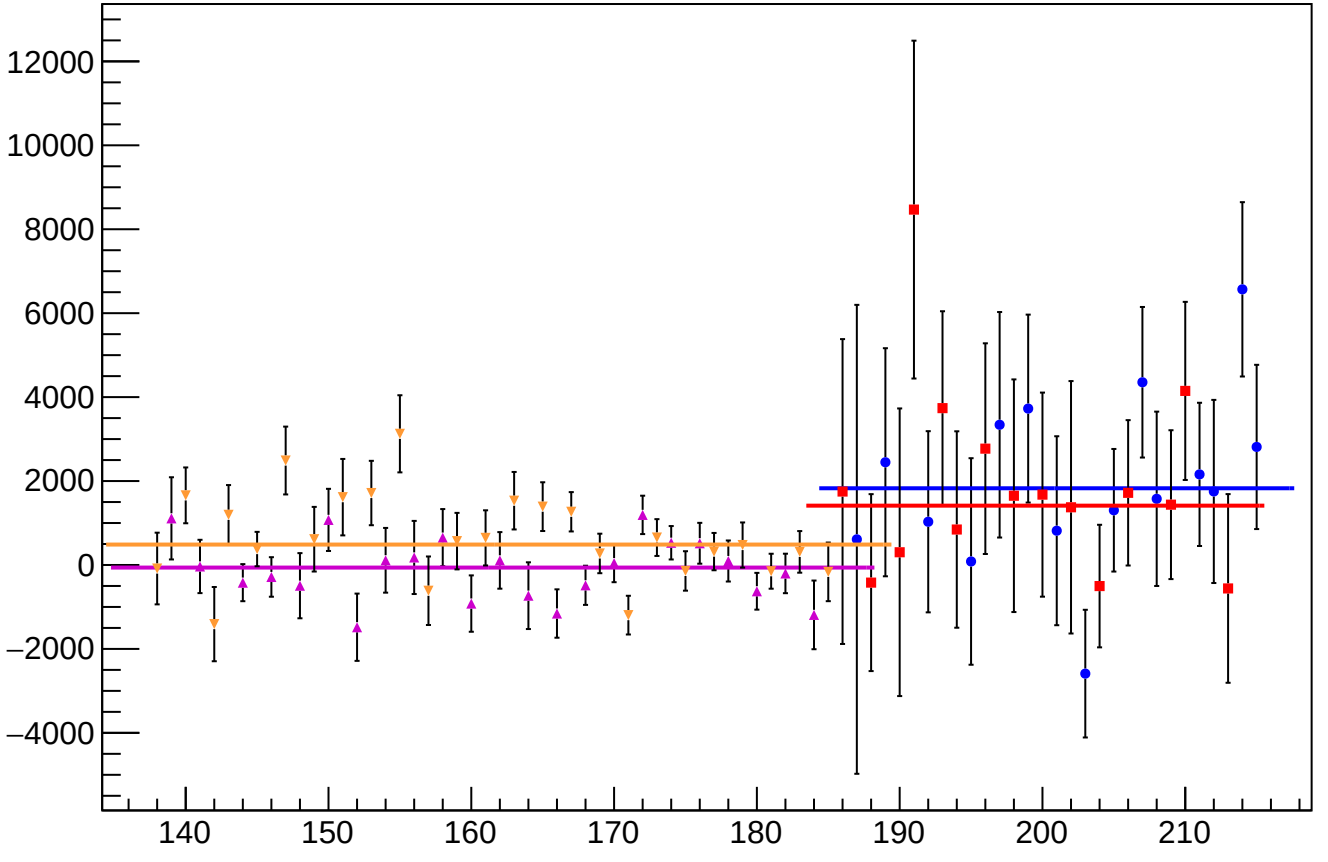
Left In: 469.761+/-0.082 χ^2/NDF:2116885.7/22

+ sign 527.324+/-0.079 χ^2/NDF: 13365104.1/39

All: 524.580+/-0.056 χ^2/NDF: 26524304.7/77

- sign 521.719+/-0.081 χ^2/NDF: 13156740.4/37

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: 1413.668+/-584.532 χ^2/NDF: 9.5/14

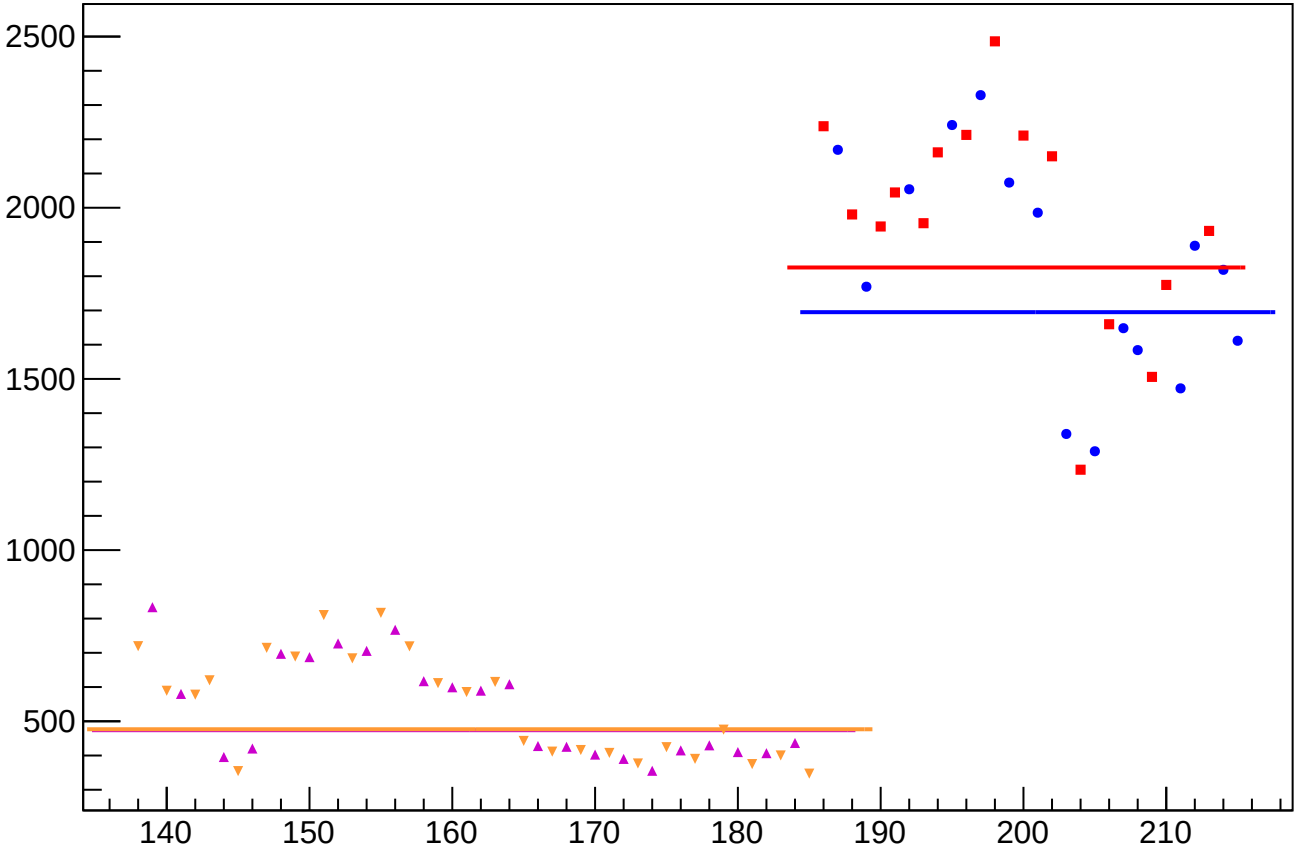
Left In: -61.775+/-117.449 χ^2/NDF:31.2/22

+ sign 547.506+/-112.699 χ^2/NDF: 80.2/39

All: 277.424+/-80.542 χ^2/NDF: 138.7/77

- sign -4.520+/-115.147 χ^2/NDF: 46.8/37

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: 1825.504+/-0.413 χ^2/NDF: 743492.7/14

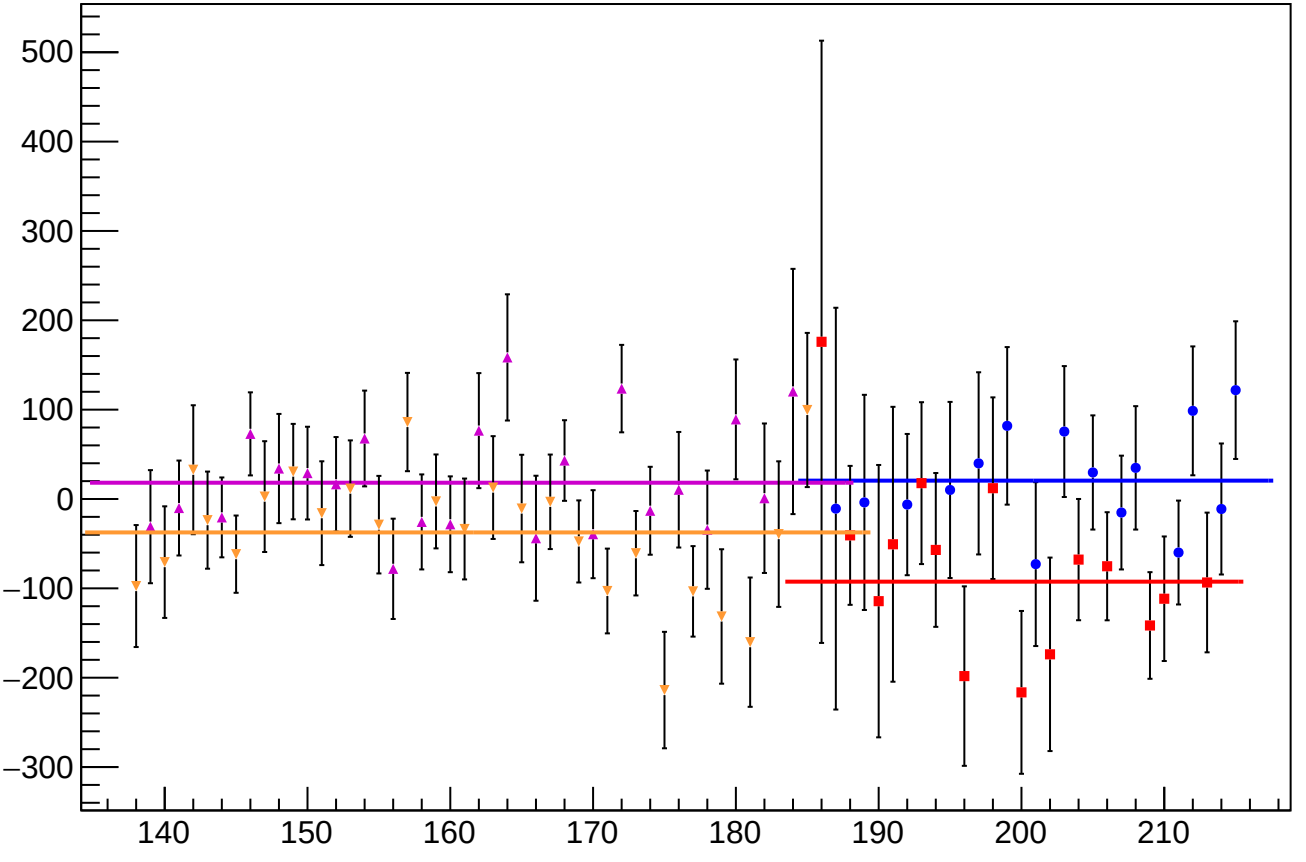
Left In: 473.983+/-0.083 χ^2/NDF:2087113.7/22

+ sign 531.966+/-0.080 χ^2/NDF: 13299369.1/39

All: 529.257+/-0.057 χ^2/NDF: 26409430.2/77

- sign 526.430+/-0.081 χ^2/NDF: 13107699.7/37

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: -92.516+/-22.040 χ^2/NDF: 8.4/14

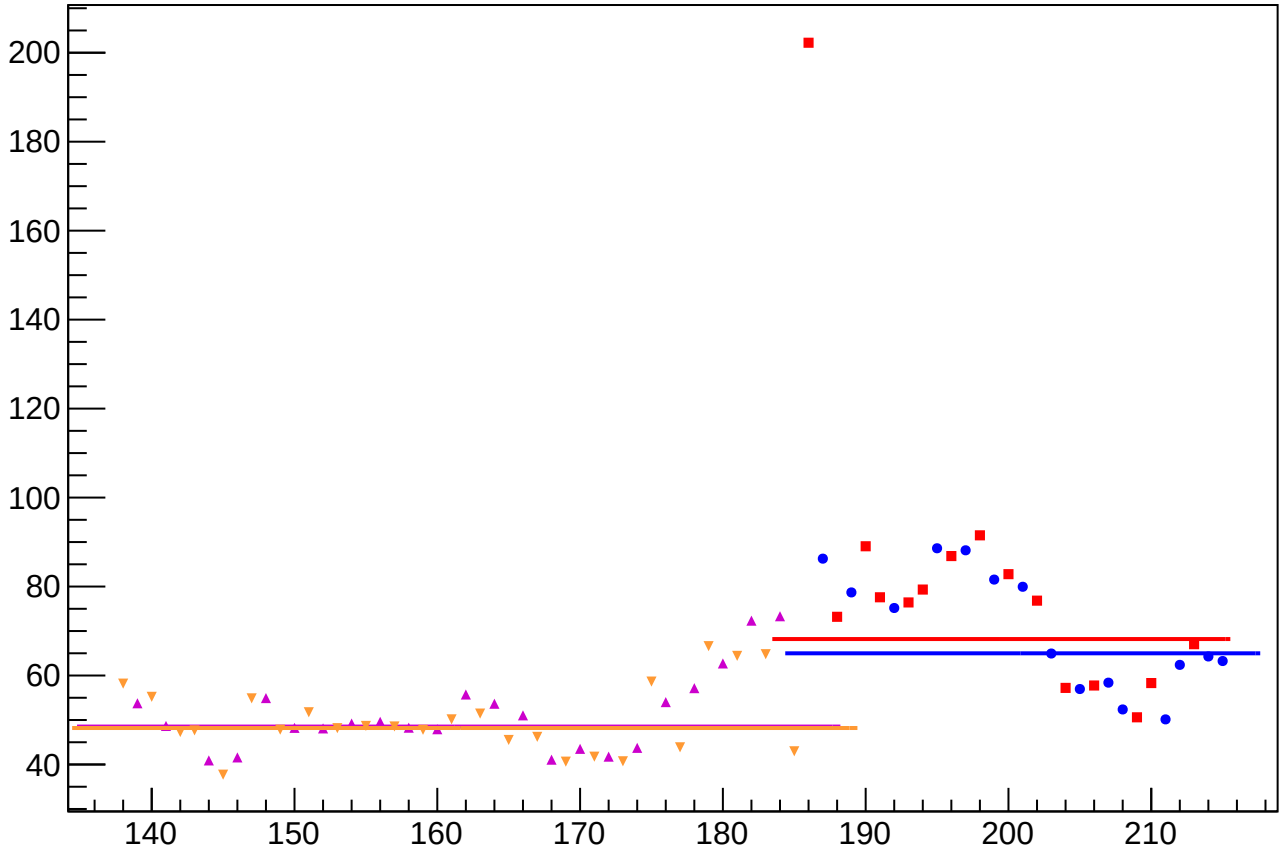
Left In: 18.210+/-11.788 χ^2/NDF:23.0/22

+ sign -23.539+/-9.934 χ^2/NDF: 44.4/39

All: -15.367+/-7.182 χ^2/NDF: 96.8/77

- sign -6.419+/-10.394 χ^2/NDF: 51.0/37

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: 68.199+/-0.016 χ^2/NDF: 984152.9/14

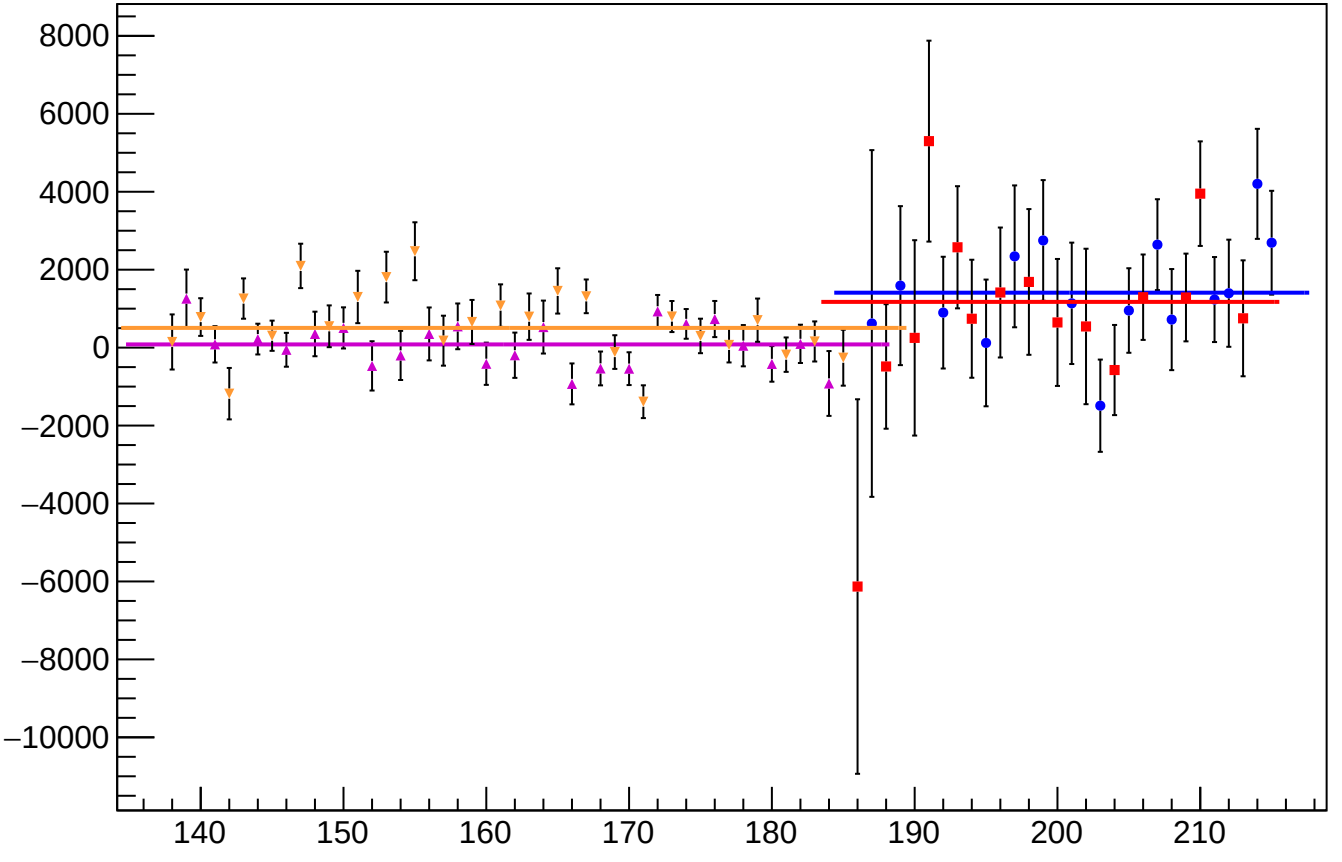
Left In: 48.527+/-0.008 χ^2/NDF:675340.8/22

+ sign 52.219+/-0.007 χ^2/NDF: 2463741.0/39

All: 52.545+/-0.005 χ^2/NDF: 5366772.7/77

- sign 52.902+/-0.007 χ^2/NDF: 2898511.1/37

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: 1173.868+/-400.372 χ^2/NDF: 13.9/14

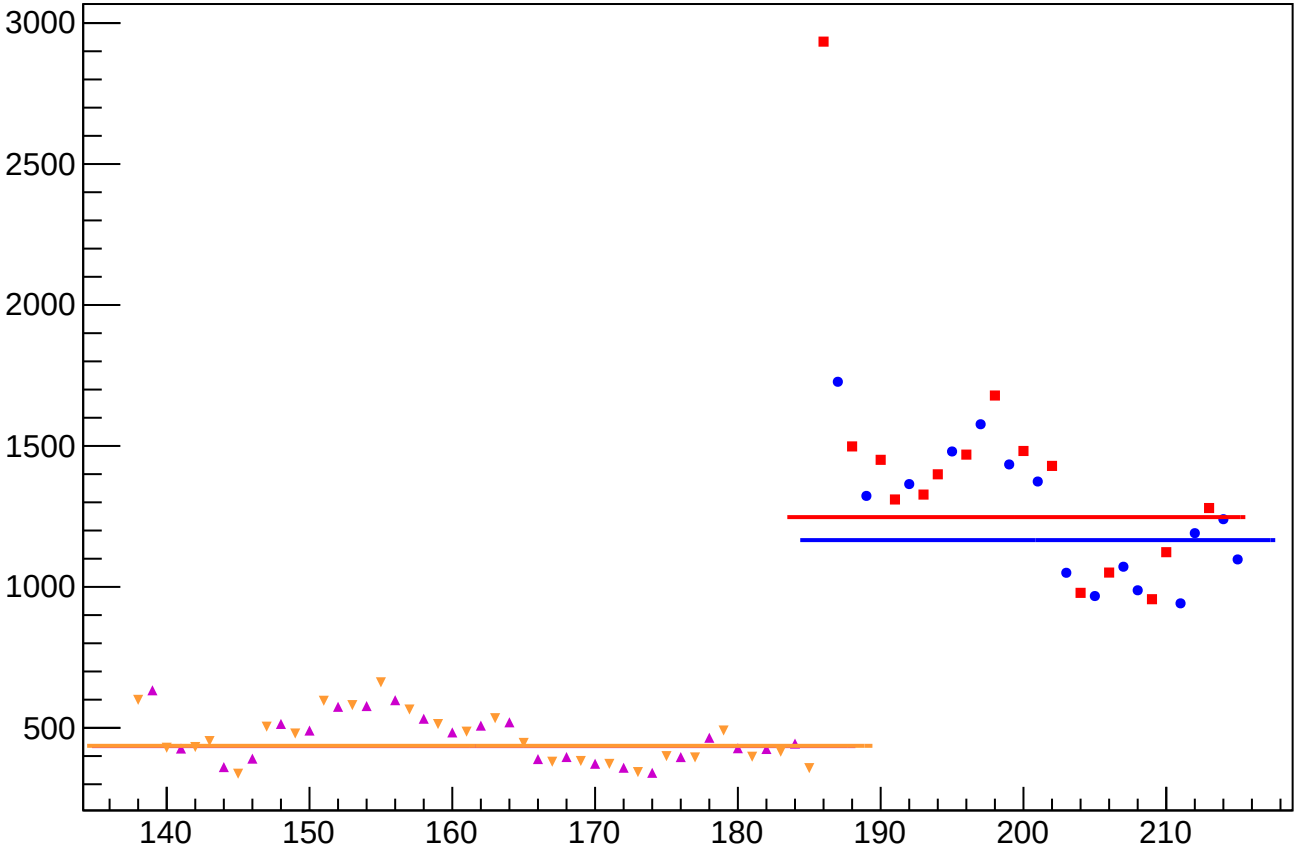
Left In: 82.421+/-105.935 χ^2/NDF:25.3/22

+ sign 574.328+/-99.492 χ^2/NDF: 85.7/39

All: 370.159+/-71.361 χ^2/NDF: 140.6/77

- sign 153.832+/-102.411 χ^2/NDF: 46.2/37

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: 1247.572+/-0.283 χ^2/NDF: 859393.8/14

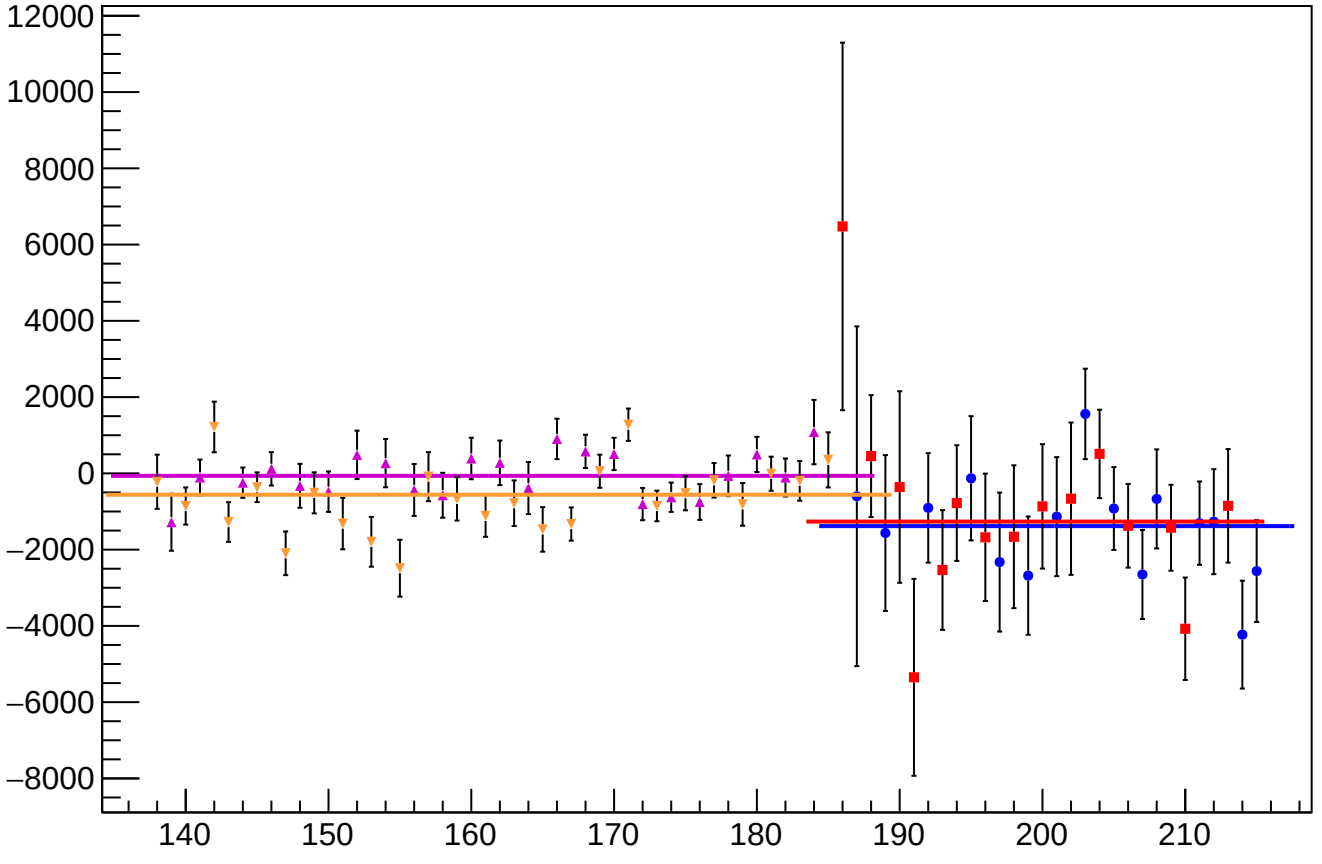
Left In: 435.275+/-0.075 χ^2/NDF:1027713.1/22

+ sign 491.304+/-0.070 χ^2/NDF: 9264580.8/39

All: 489.905+/-0.050 χ^2/NDF: 18846352.1/77

- sign 488.422+/-0.072 χ^2/NDF: 9580956.5/37

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: -1263.890+/-401.026 χ^2/NDF: 14.2/14

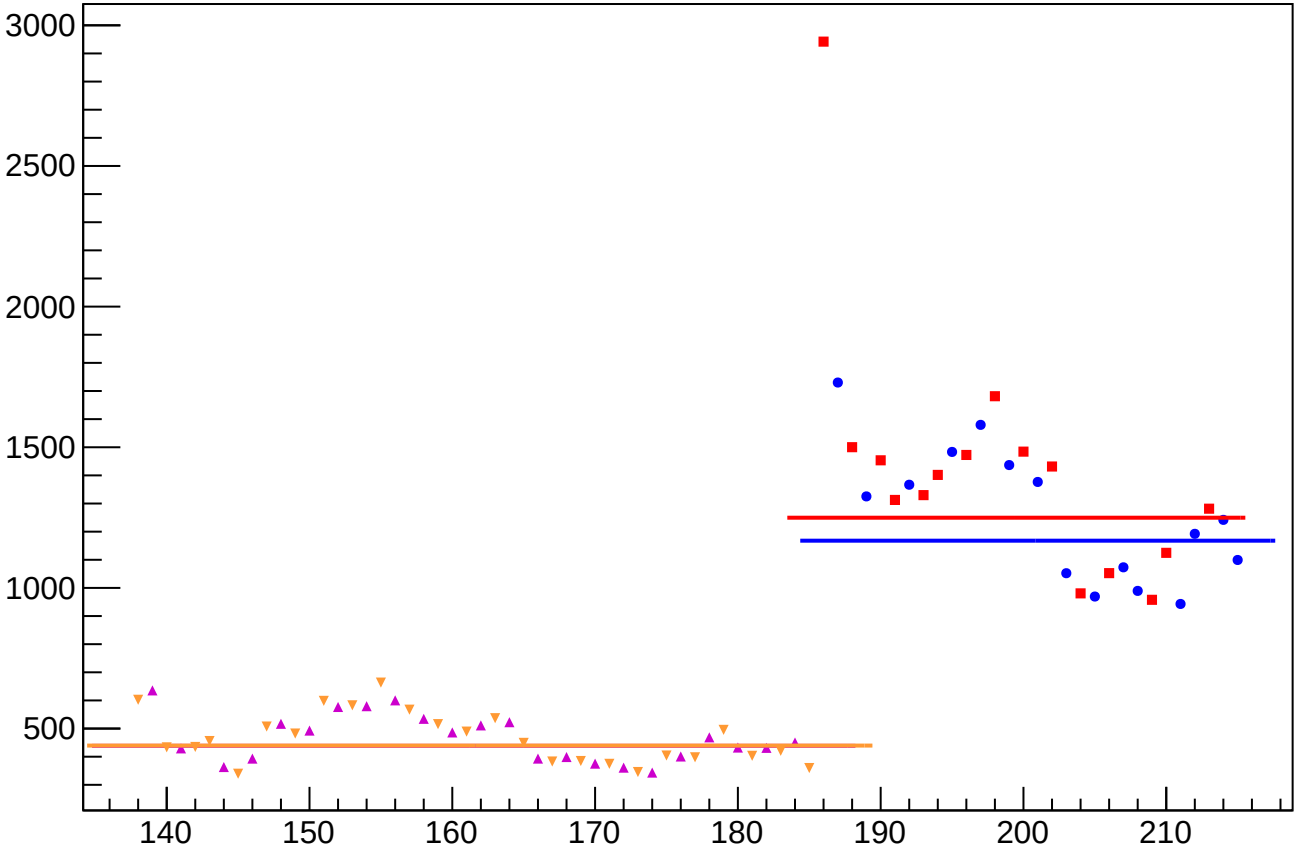
Left In: -64.594+/-106.708 χ^2/NDF:25.2/22

+ sign -623.358+/-100.161 χ^2/NDF: 80.9/39

All: -390.601+/-71.848 χ^2/NDF: 139.8/77

- sign -143.892+/-103.119 χ^2/NDF: 47.7/37

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: 1249.588+/-0.284 χ^2/NDF: 860086.6/14

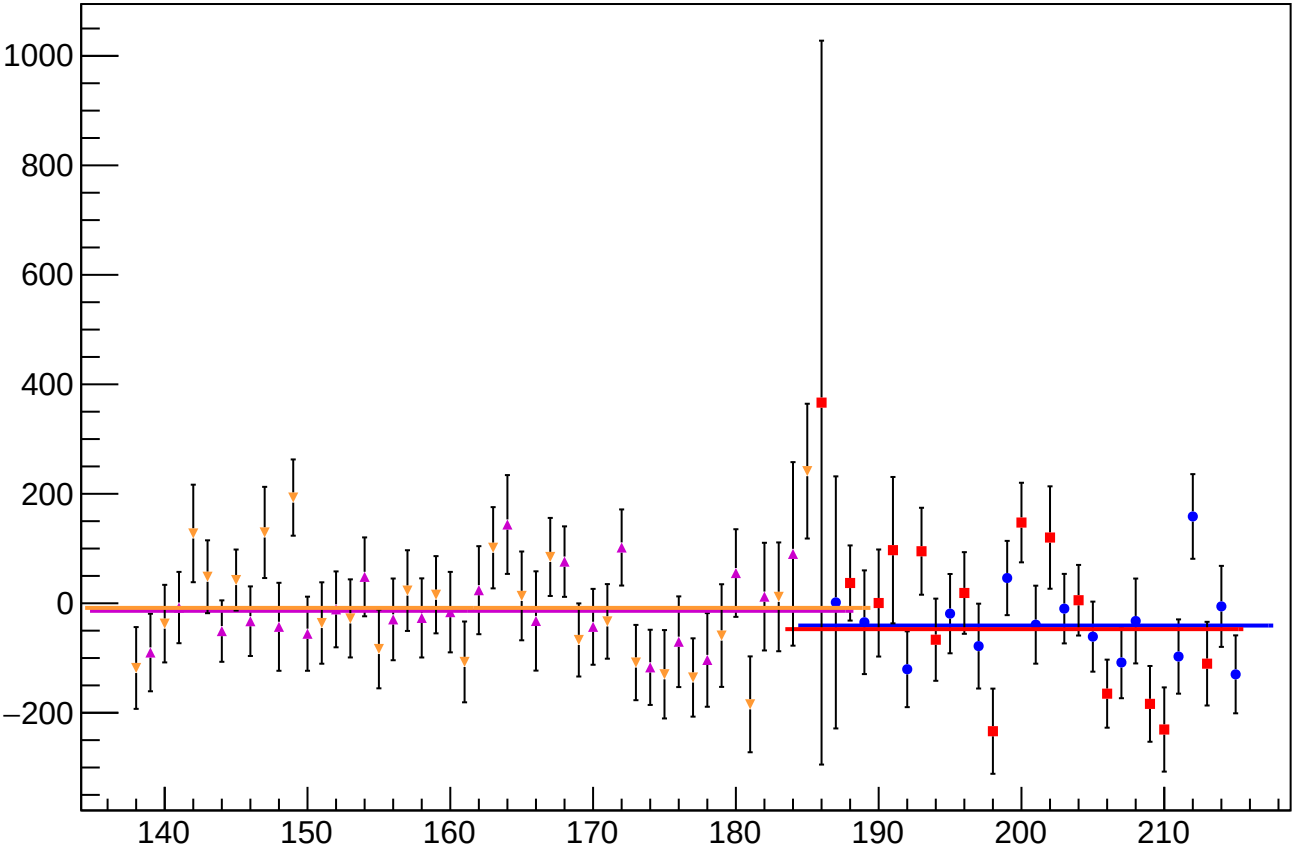
Left In: 438.548+/-0.075 χ^2/NDF:1013071.4/22

+ sign 494.989+/-0.071 χ^2/NDF: 9191501.1/39

All: 493.623+/-0.051 χ^2/NDF: 18704862.8/77

- sign 492.174+/-0.073 χ^2/NDF: 9512594.8/37

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: -47.234+/-20.380 χ^2/NDF: 38.0/14

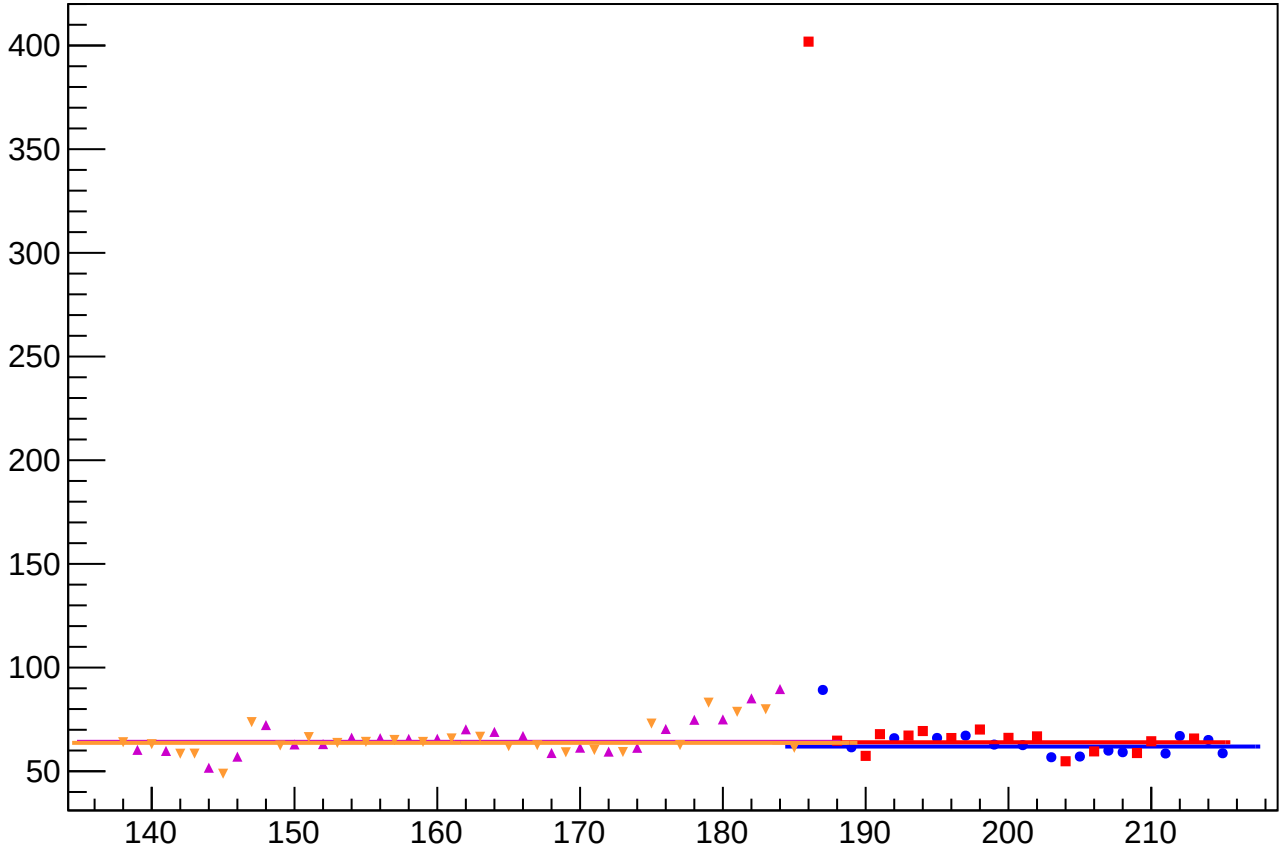
Left In: -13.723+/-15.478 χ^2/NDF:16.3/22

+ sign -20.725+/-11.743 χ^2/NDF: 57.3/39

All: -23.226+/-8.502 χ^2/NDF: 113.3/77

- sign -25.981+/-12.326 χ^2/NDF: 56.0/37

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: 63.986+/-0.014 χ^2/NDF: 627296.7/14

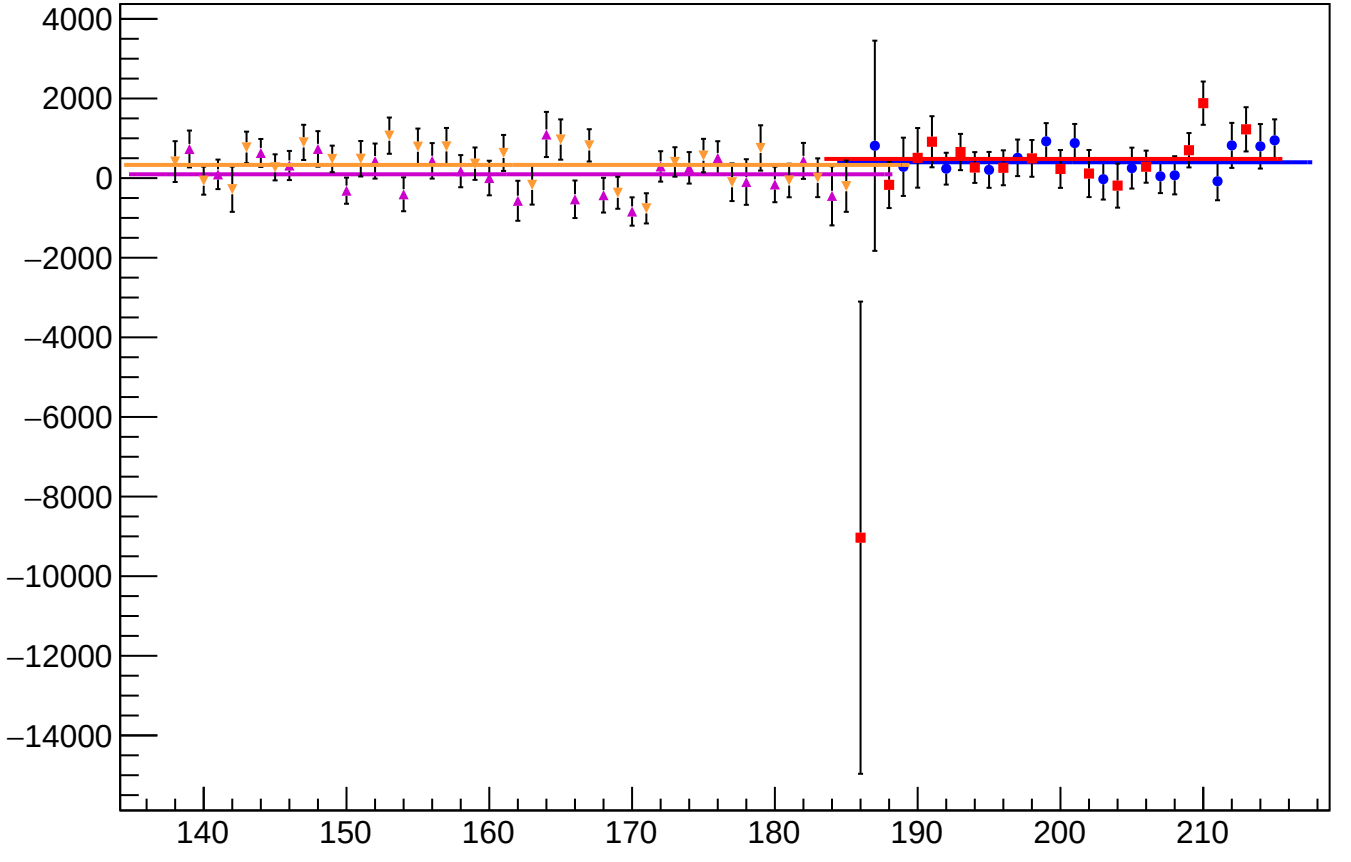
Left In: 64.189+/-0.011 χ^2/NDF:429670.3/22

+ sign 63.016+/-0.008 χ^2/NDF: 560639.5/39

All: 63.539+/-0.006 χ^2/NDF: 1626059.1/77

- sign 64.115+/-0.009 χ^2/NDF: 1057092.9/37

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: 481.839+/-132.140 χ^2/NDF: 16.0/14

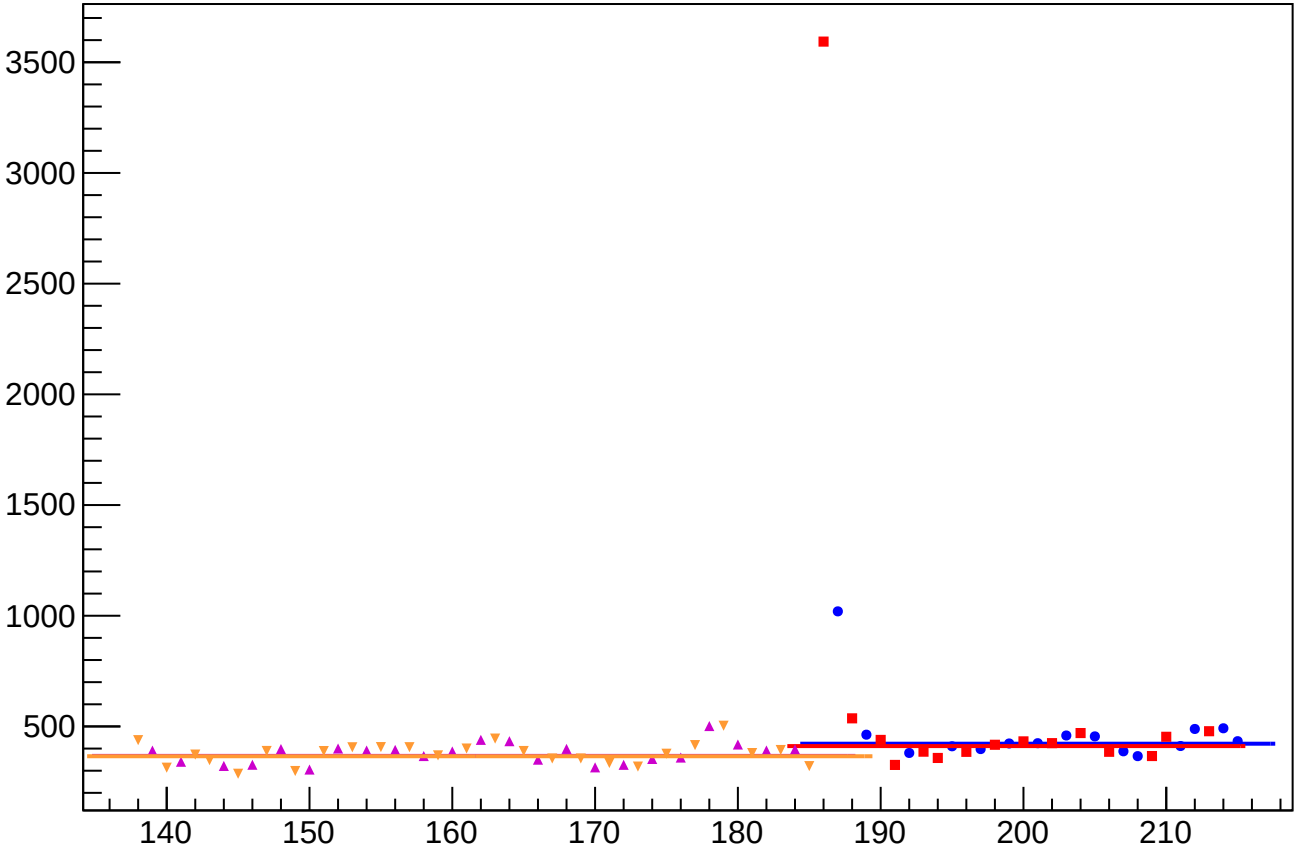
Left In: 95.910+/-88.656 χ^2/NDF:28.7/22

+ sign 351.828+/-71.817 χ^2/NDF: 37.9/39

All: 285.455+/-51.408 χ^2/NDF: 90.3/77

- sign 215.706+/-73.621 χ^2/NDF: 50.6/37

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: 411.204+/-0.093 χ^2/NDF: 856611.3/14

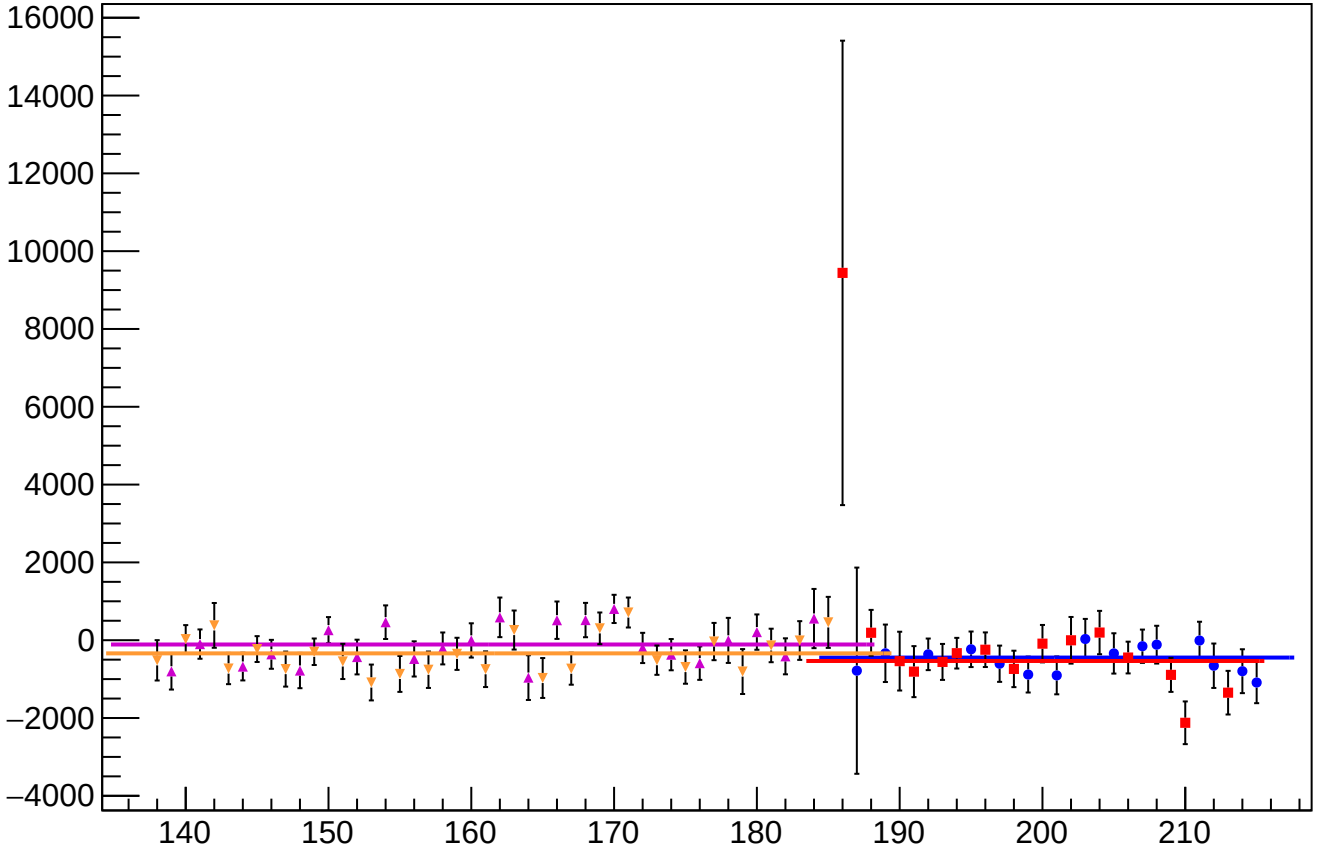
Left In: 366.925+/-0.063 χ^2/NDF:478082.1/22

+ sign 382.559+/-0.051 χ^2/NDF: 1139106.5/39

All: 381.638+/-0.036 χ^2/NDF: 2629338.1/77

- sign 380.669+/-0.052 χ^2/NDF: 1489556.5/37

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: -534.082+/-133.887 χ^2/NDF: 19.9/14

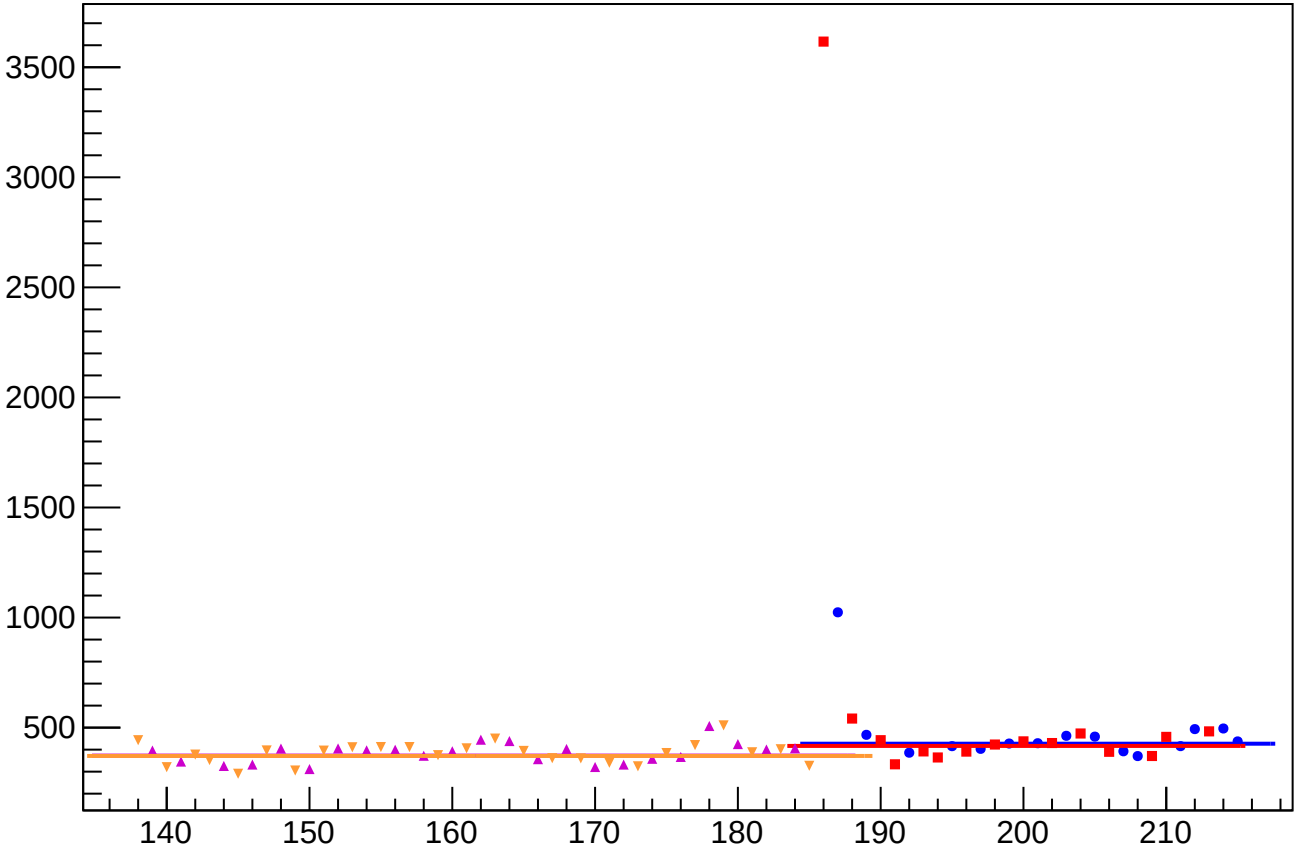
Left In: -110.341+/-90.084 χ^2/NDF:29.2/22

\+ sign -371.508+/-72.868 χ^2/NDF: 35.5/39

All: -308.587+/-52.175 χ^2/NDF: 93.1/77

\- sign -242.391+/-74.741 χ^2/NDF: 56.0/37

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: 416.844+/-0.095 χ^2/NDF: 842051.6/14

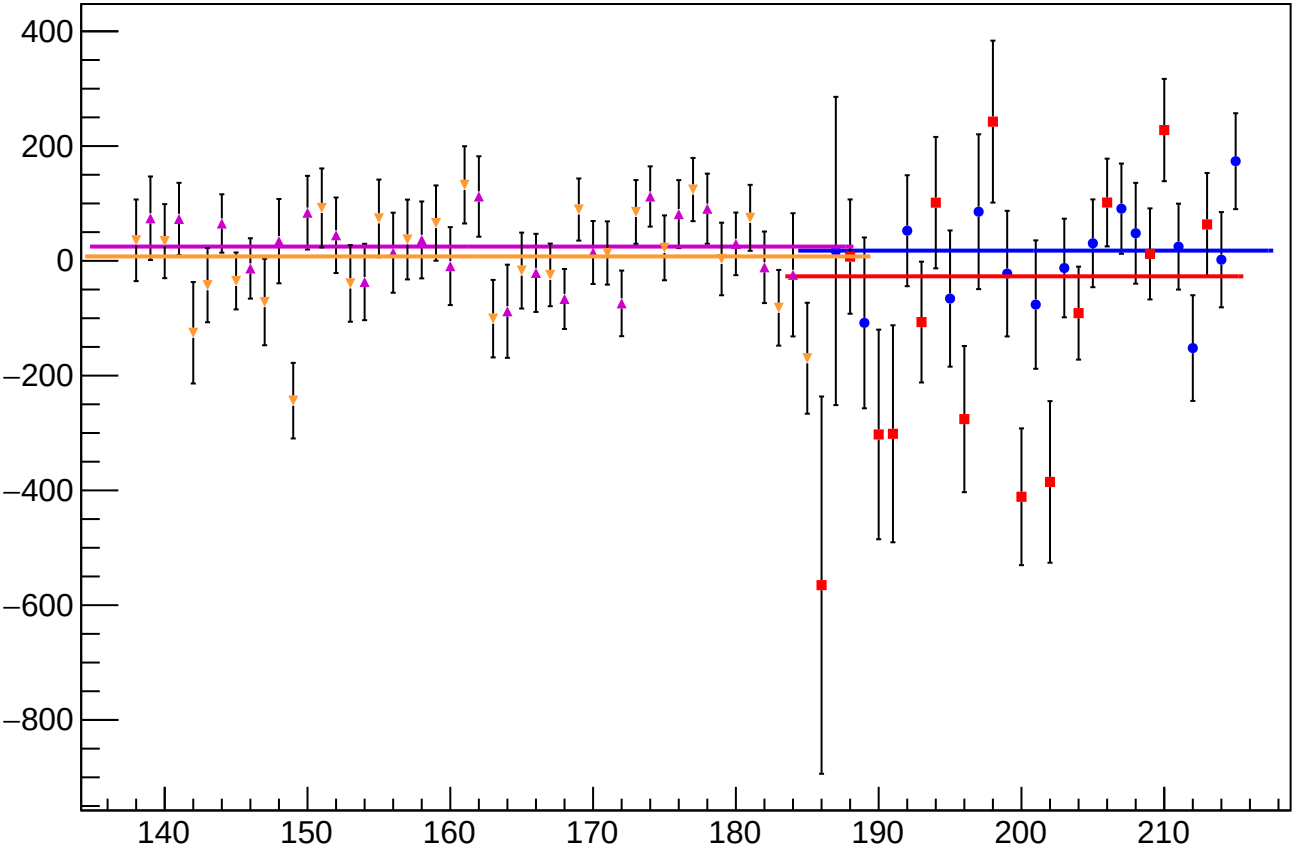
Left In: 372.938+/-0.064 χ^2/NDF:467340.9/22

+ sign 388.350+/-0.052 χ^2/NDF: 1101091.2/39

All: 387.507+/-0.037 χ^2/NDF: 2559088.8/77

- sign 386.620+/-0.053 χ^2/NDF: 1457448.4/37

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: -26.972+/-27.734 χ^2/NDF: 46.2/14

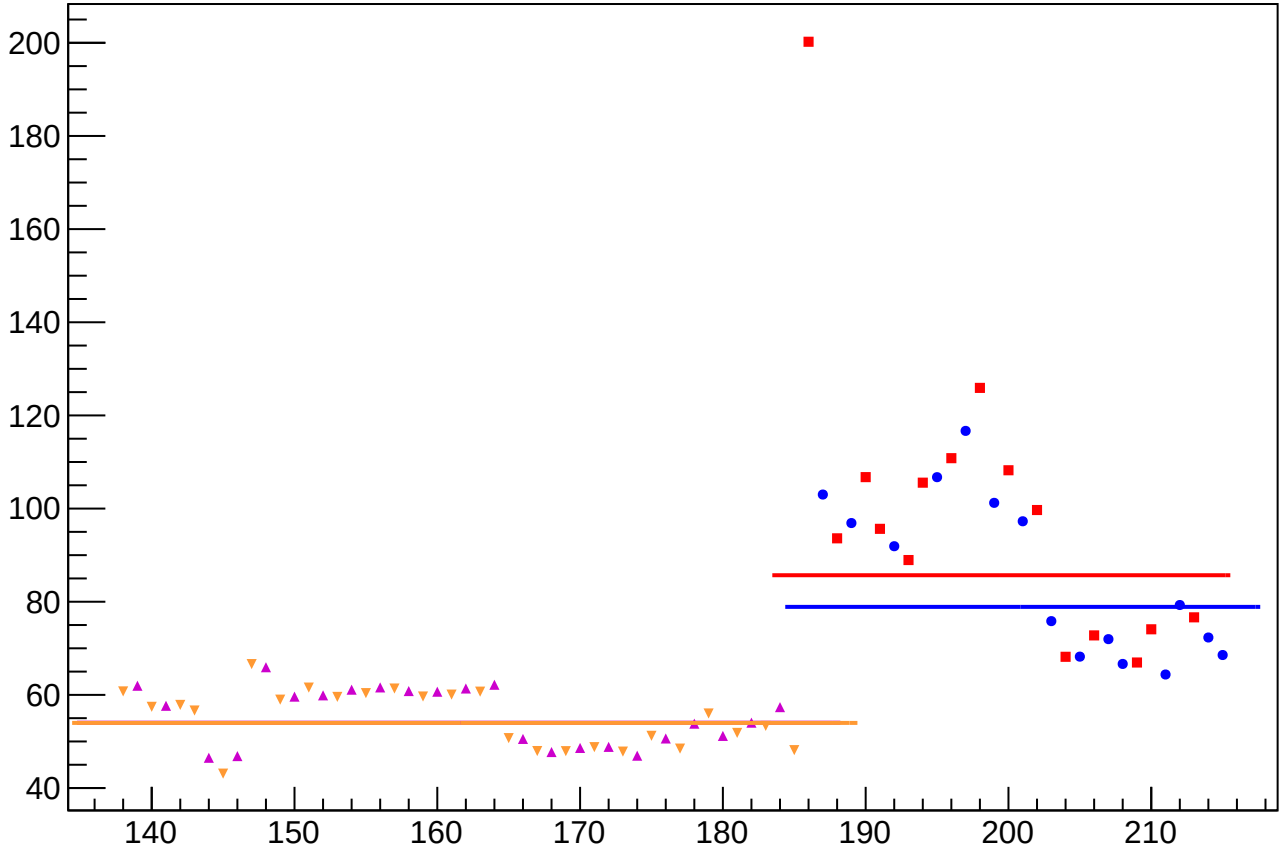
Left In: 24.887+/-13.029 χ^2/NDF:19.7/22

+ sign 9.823+/-11.264 χ^2/NDF: 56.0/39

All: 12.537+/-8.145 χ^2/NDF: 125.0/77

- sign 15.512+/-11.792 χ^2/NDF: 68.8/37

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: 85.690+/-0.020 χ^2/NDF: 997945.8/14

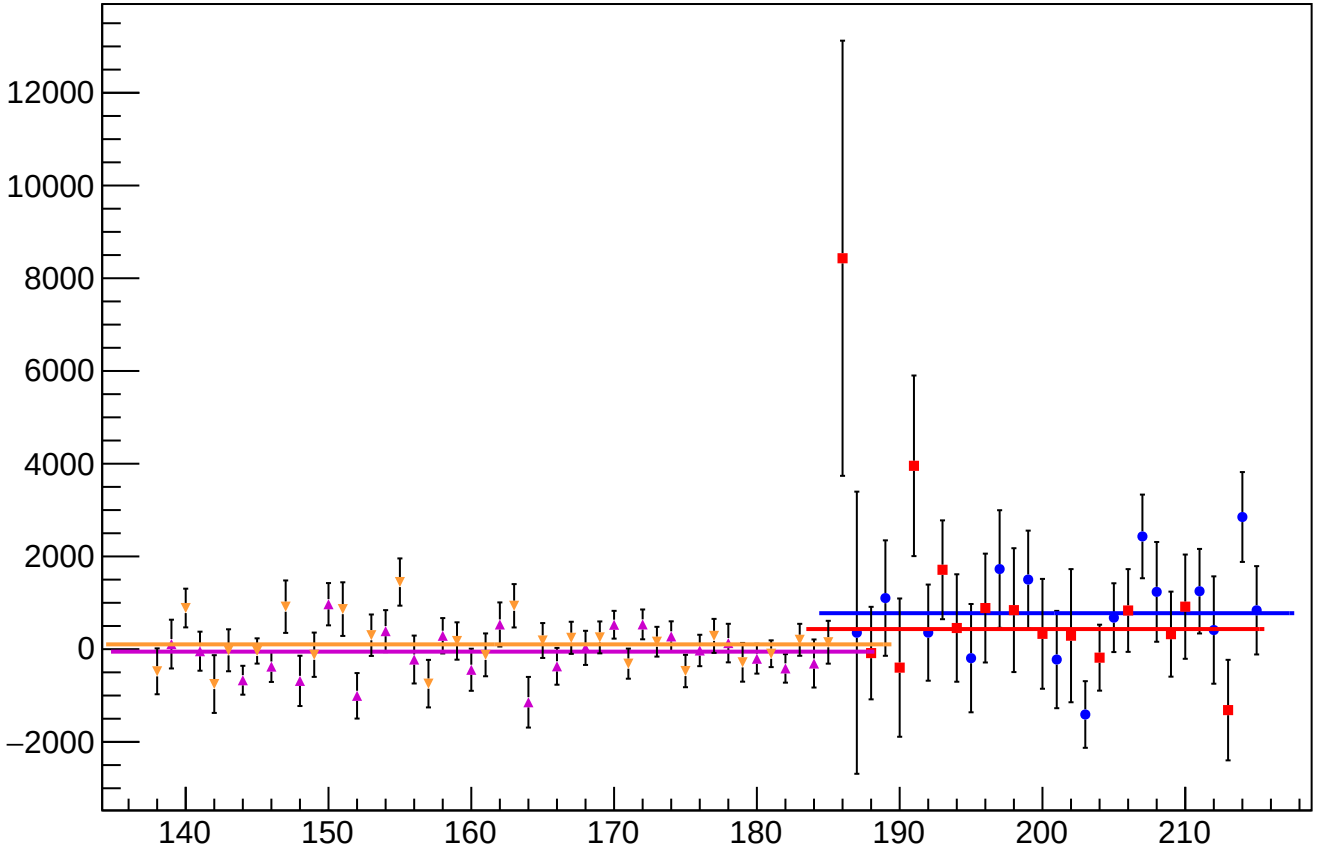
Left In: 54.028+/-0.009 χ^2/NDF:443819.5/22

+ sign 59.161+/-0.008 χ^2/NDF: 2769857.3/39

All: 59.443+/-0.006 χ^2/NDF: 6349686.0/77

- sign 59.752+/-0.008 χ^2/NDF: 3577201.0/37

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: 433.832+/-289.449 χ^2/NDF: 12.2/14

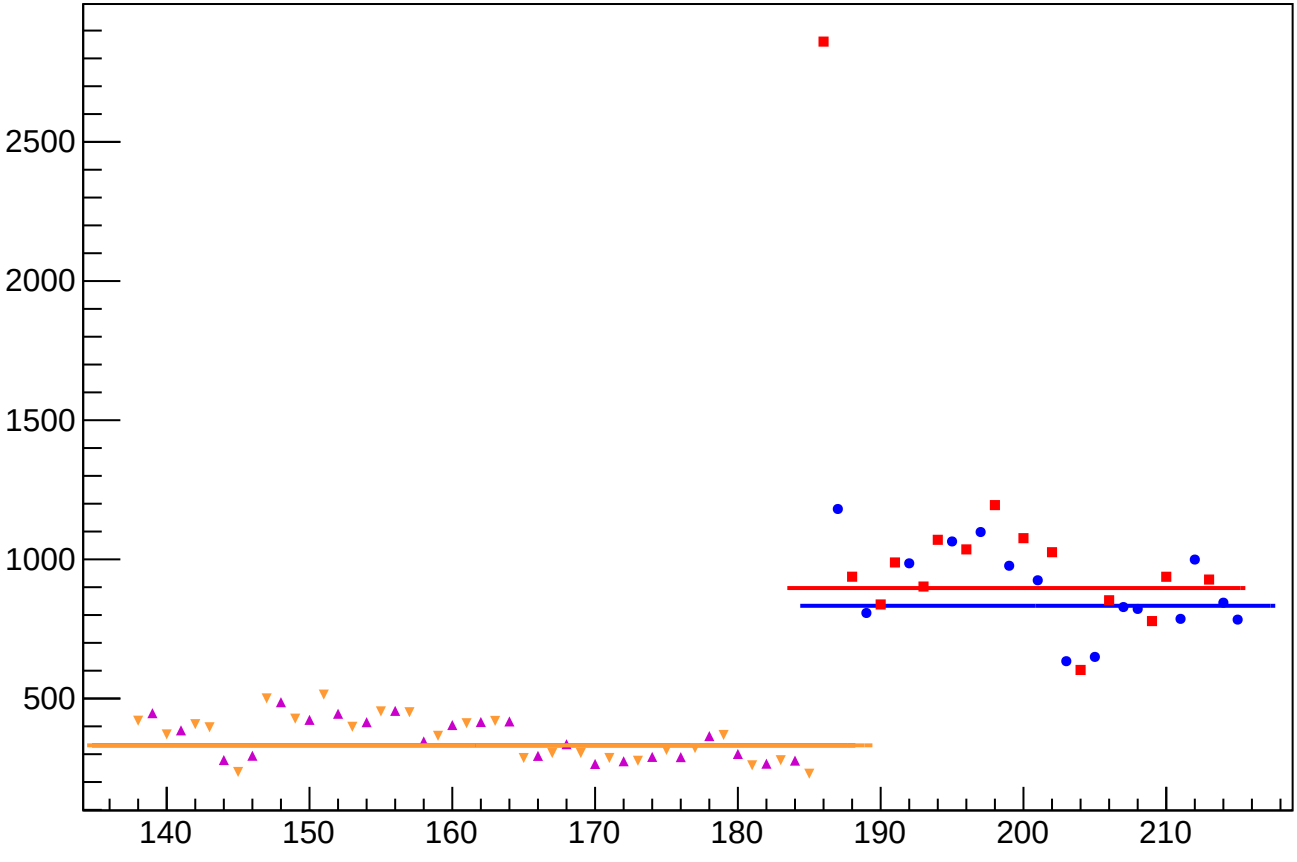
Left In: -53.493+/-81.201 χ^2/NDF:34.1/22

+ sign 161.085+/-75.887 χ^2/NDF: 57.7/39

All: 74.241+/-54.454 χ^2/NDF: 109.4/77

- sign -17.938+/-78.183 χ^2/NDF: 48.9/37

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

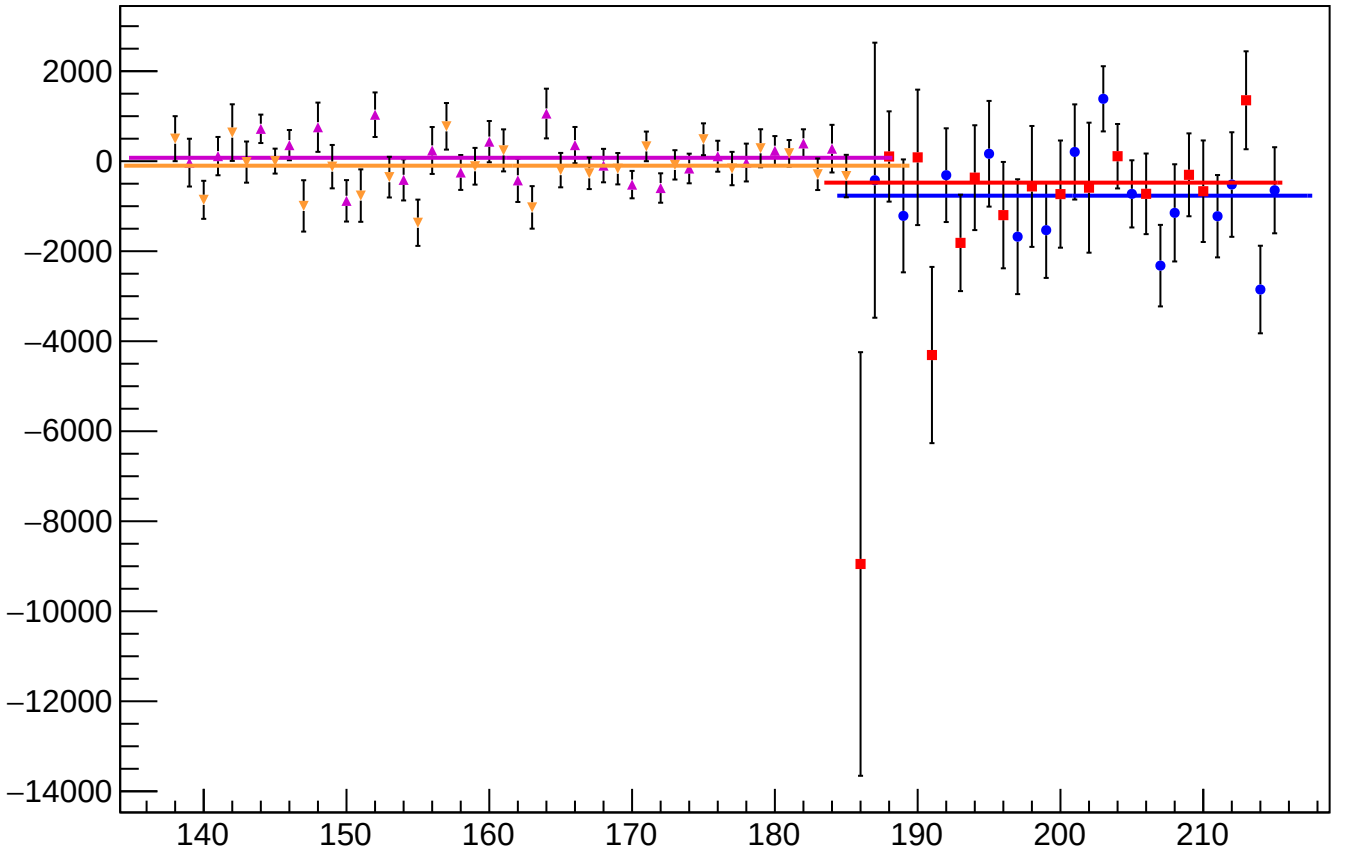
Right Out: 896.929+/-0.205 χ^2/NDF: 980135.9/14

Left In: 331.666+/-0.057 χ^2/NDF:1303192.2/22

+ sign 374.515+/-0.054 χ^2/NDF: 9137297.4/39

All: 373.735+/-0.039 χ^2/NDF: 18492156.9/77

- sign 372.907+/-0.055 χ^2/NDF: 9354423.6/37



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: -476.621+/-290.964 χ^2/NDF: 13.2/14

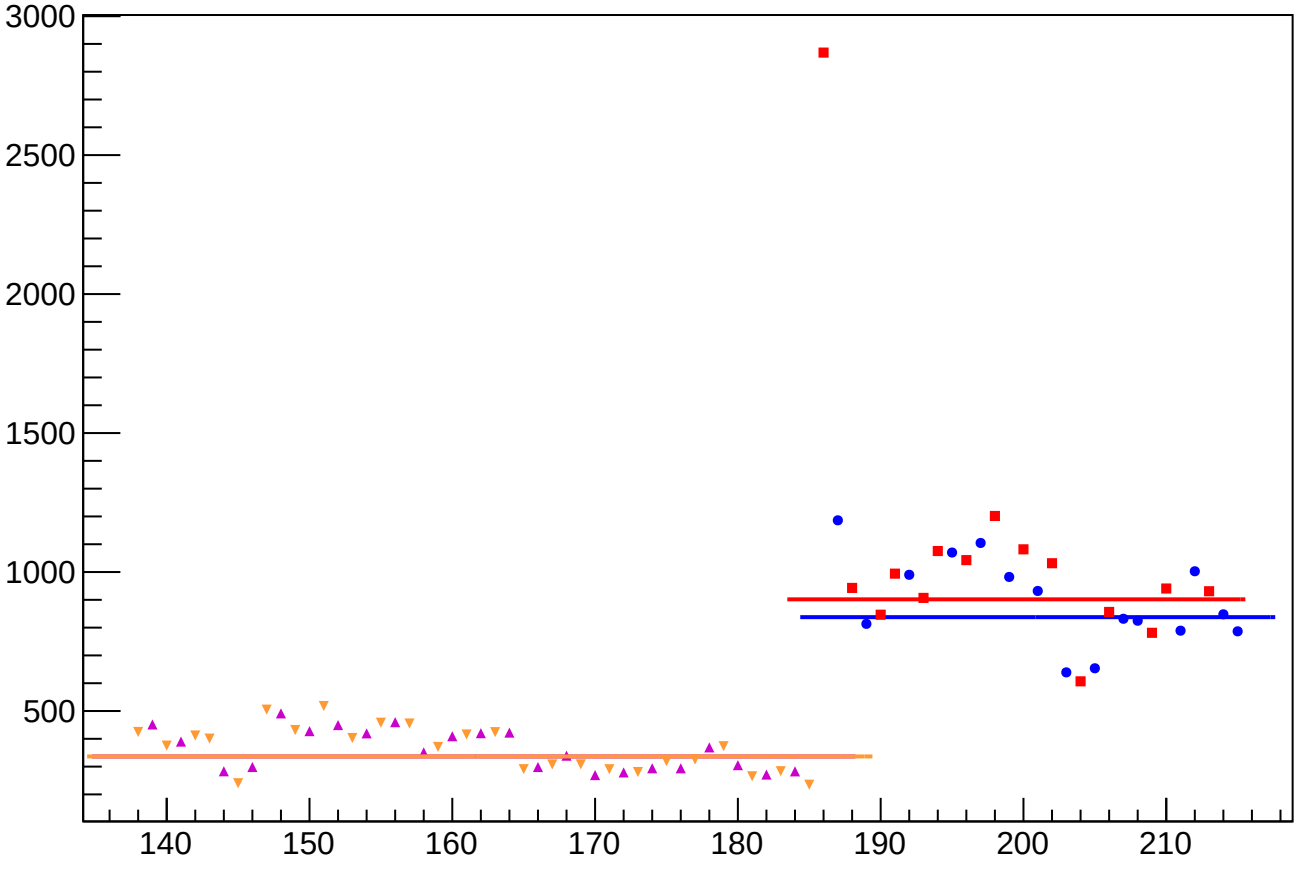
Left In: 75.579+/-82.319 χ^2/NDF:32.1/22

+ sign -157.482+/-76.868 χ^2/NDF: 56.2/39

All: -64.295+/-55.163 χ^2/NDF: 107.9/77

- sign 34.656+/-79.210 χ^2/NDF: 48.6/37

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: 901.738+/-0.206 χ^2/NDF: 977185.8/14

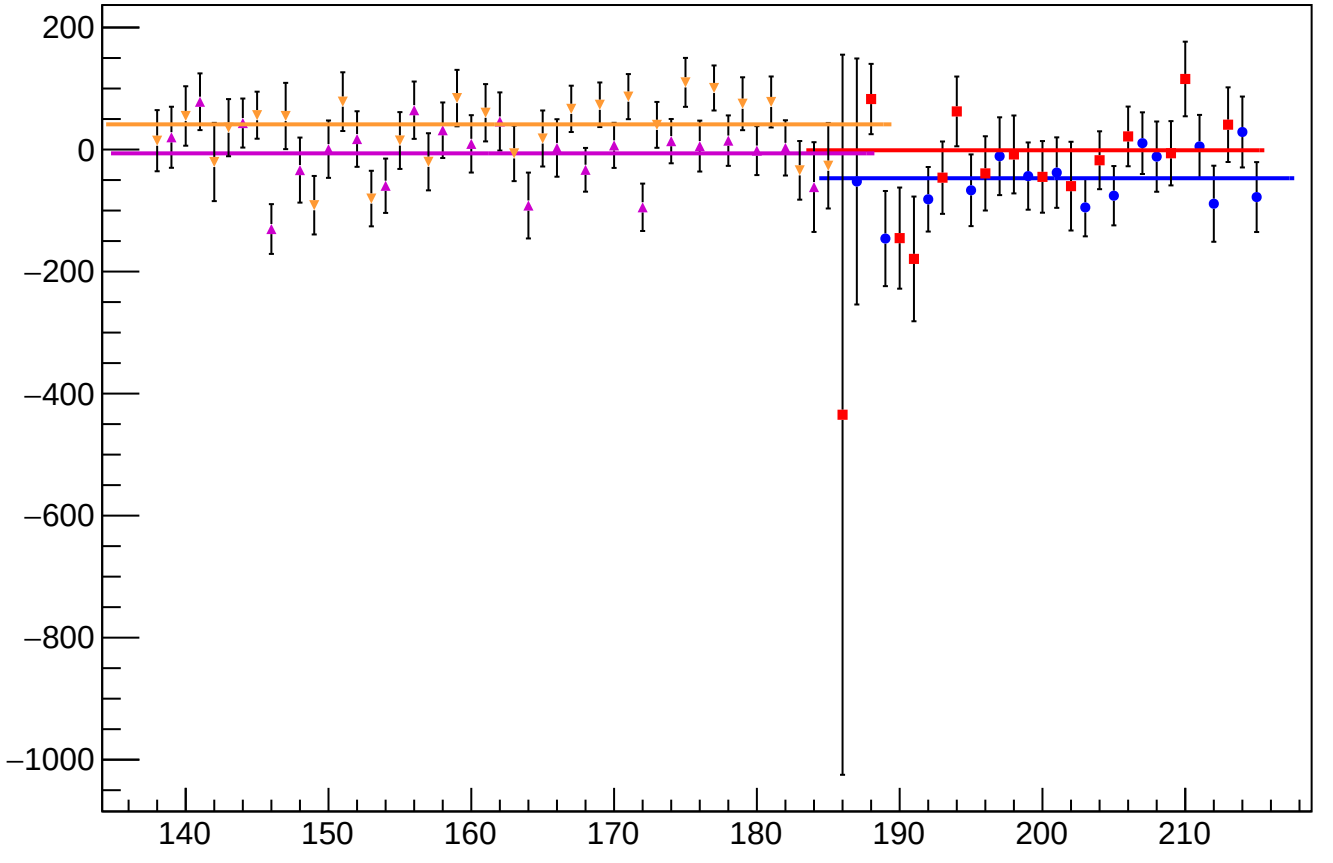
Left In: 336.439+/-0.058 χ^2/NDF:1269066.3/22

+ sign 379.933+/-0.054 χ^2/NDF: 8999116.4/39

All: 379.157+/-0.039 χ^2/NDF: 18235622.3/77

- sign 378.334+/-0.056 χ^2/NDF: 9236086.2/37

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: -1.202+/-16.038 χ^2/NDF: 16.6/14

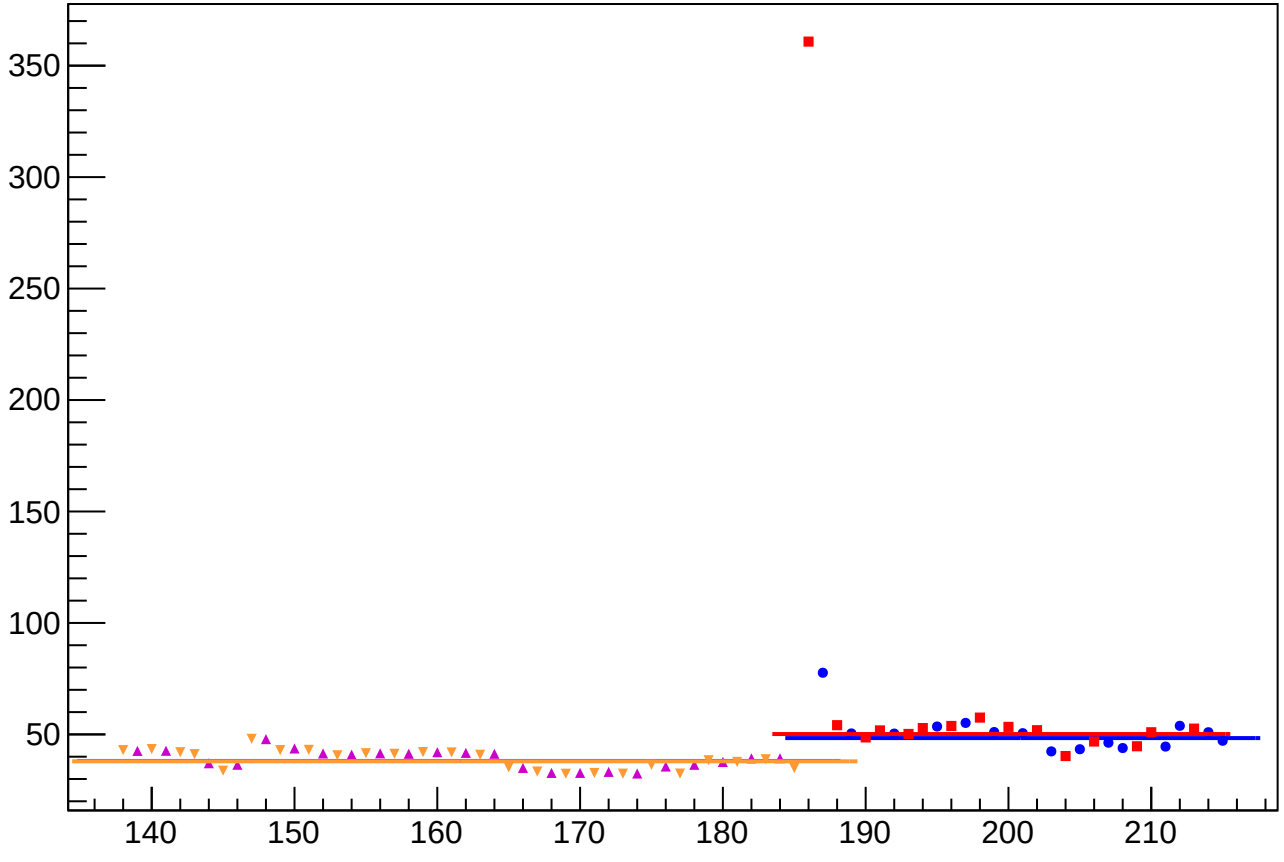
Left In: -6.254+/-9.175 χ^2/NDF:30.3/22

+ sign 18.104+/-7.634 χ^2/NDF: 69.3/39

All: 7.036+/-5.511 χ^2/NDF: 120.6/77

- sign -5.008+/-7.964 χ^2/NDF: 47.0/37

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: 50.166+/-0.011 χ^2/NDF: 731214.1/14

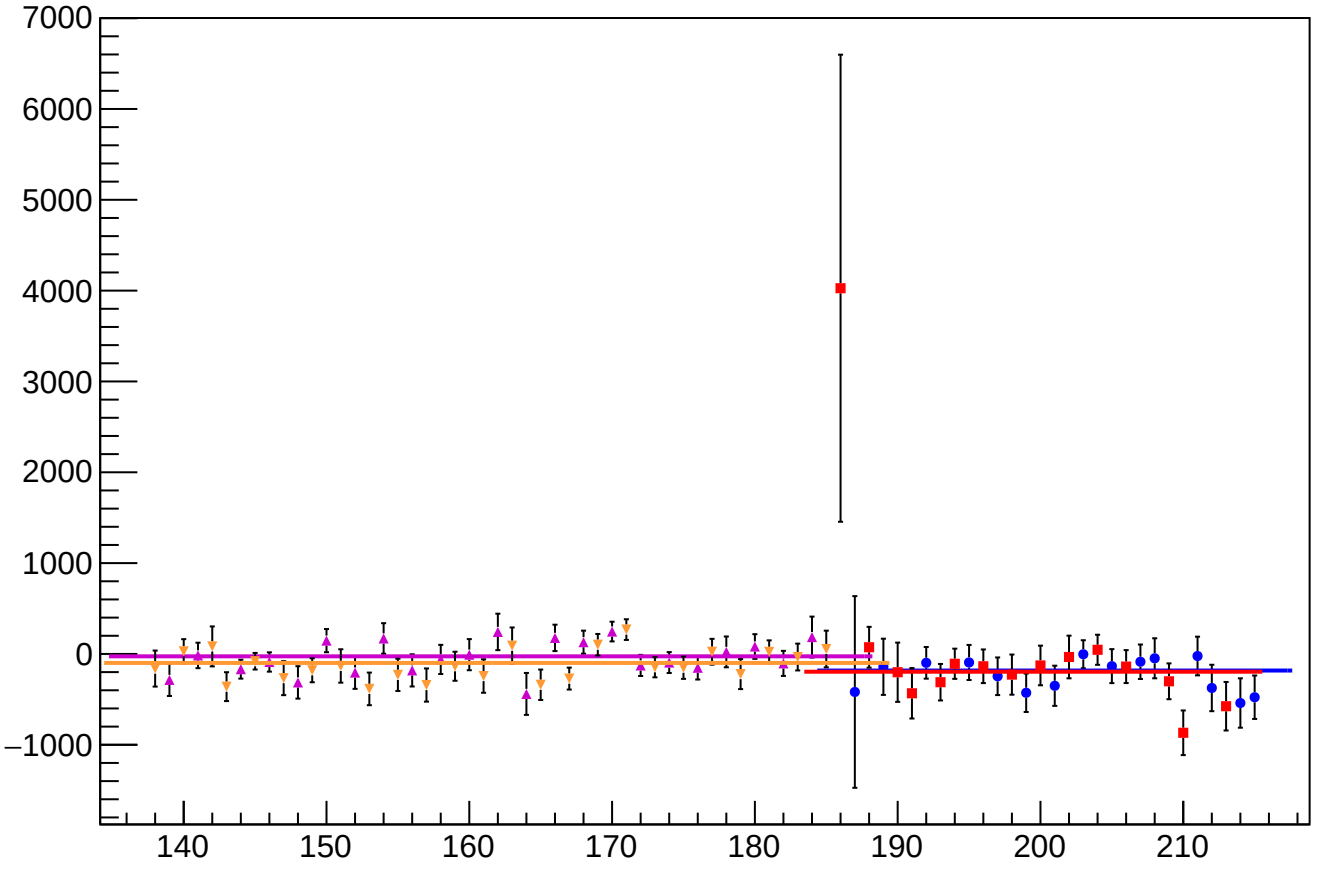
Left In: 38.087+/-0.006 χ^2/NDF:396334.5/22

+ sign 40.661+/-0.005 χ^2/NDF: 1401146.0/39

All: 40.855+/-0.004 χ^2/NDF: 3386109.0/77

- sign 41.065+/-0.006 χ^2/NDF: 1982271.8/37

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: -195.641+/-56.318 χ^2/NDF: 18.2/14

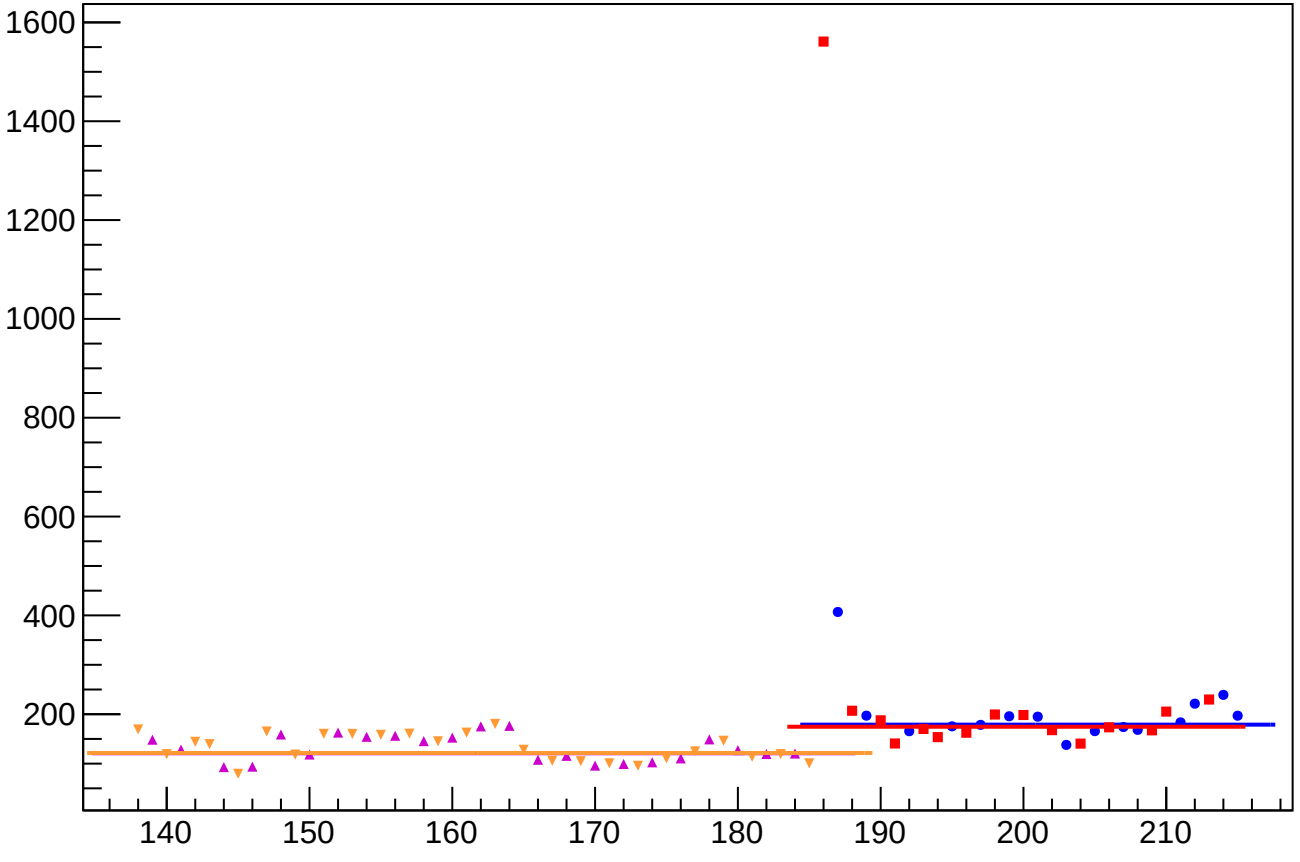
Left In: -26.223+/-29.676 χ^2/NDF:30.7/22

+ sign -116.821+/-25.769 χ^2/NDF: 43.5/39

All: -90.431+/-18.391 χ^2/NDF: 101.6/77

- sign -63.040+/-26.254 χ^2/NDF: 55.9/37

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: 174.671+/-0.040 χ^2/NDF: 952237.4/14

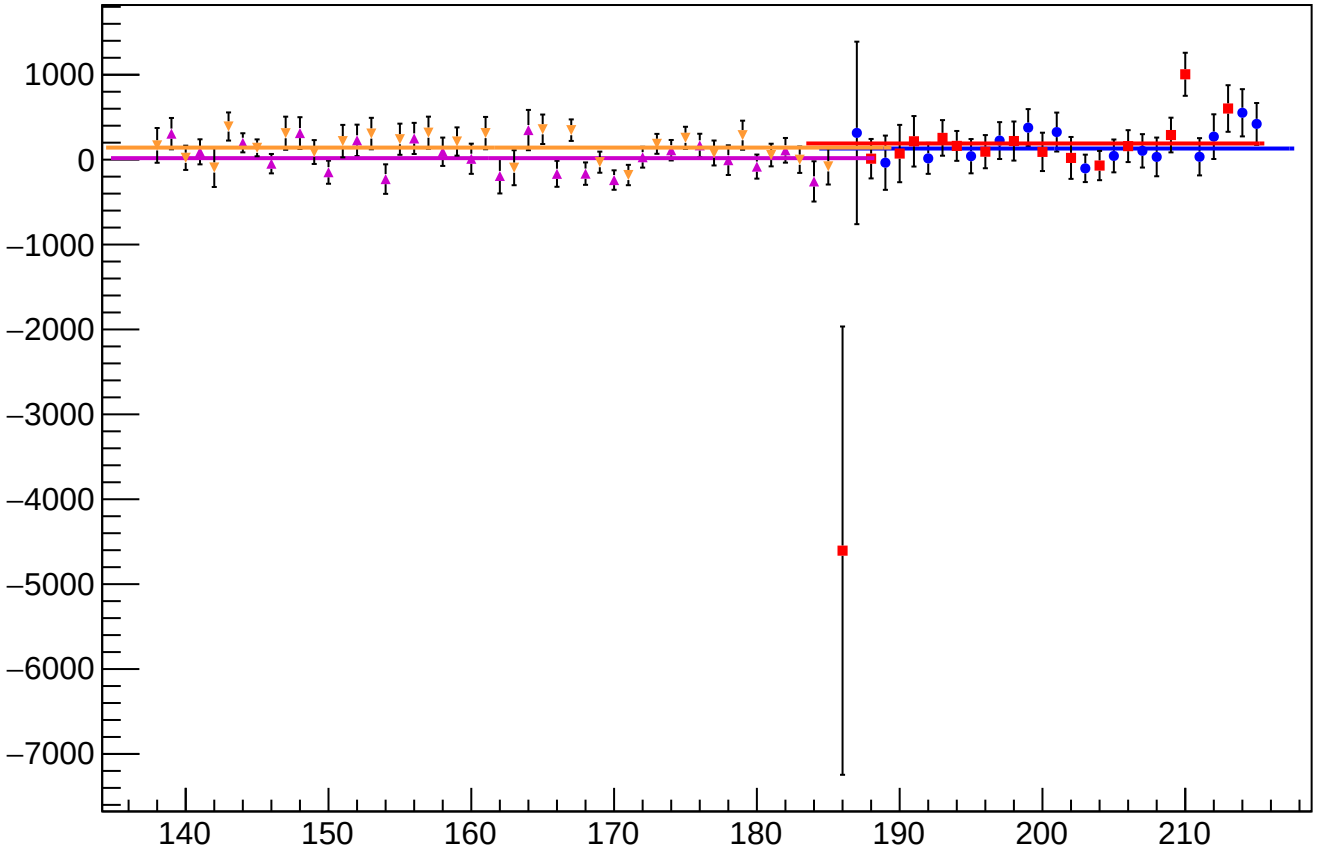
Left In: 120.927+/-0.021 χ^2/NDF:1382861.4/22

\+ sign 133.944+/-0.018 χ^2/NDF: 3842448.0/39

All: 133.288+/-0.013 χ^2/NDF: 7605743.1/77

\- sign 132.606+/-0.019 χ^2/NDF: 3760649.6/37

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: 190.504+/-58.761 χ^2/NDF: 20.2/14

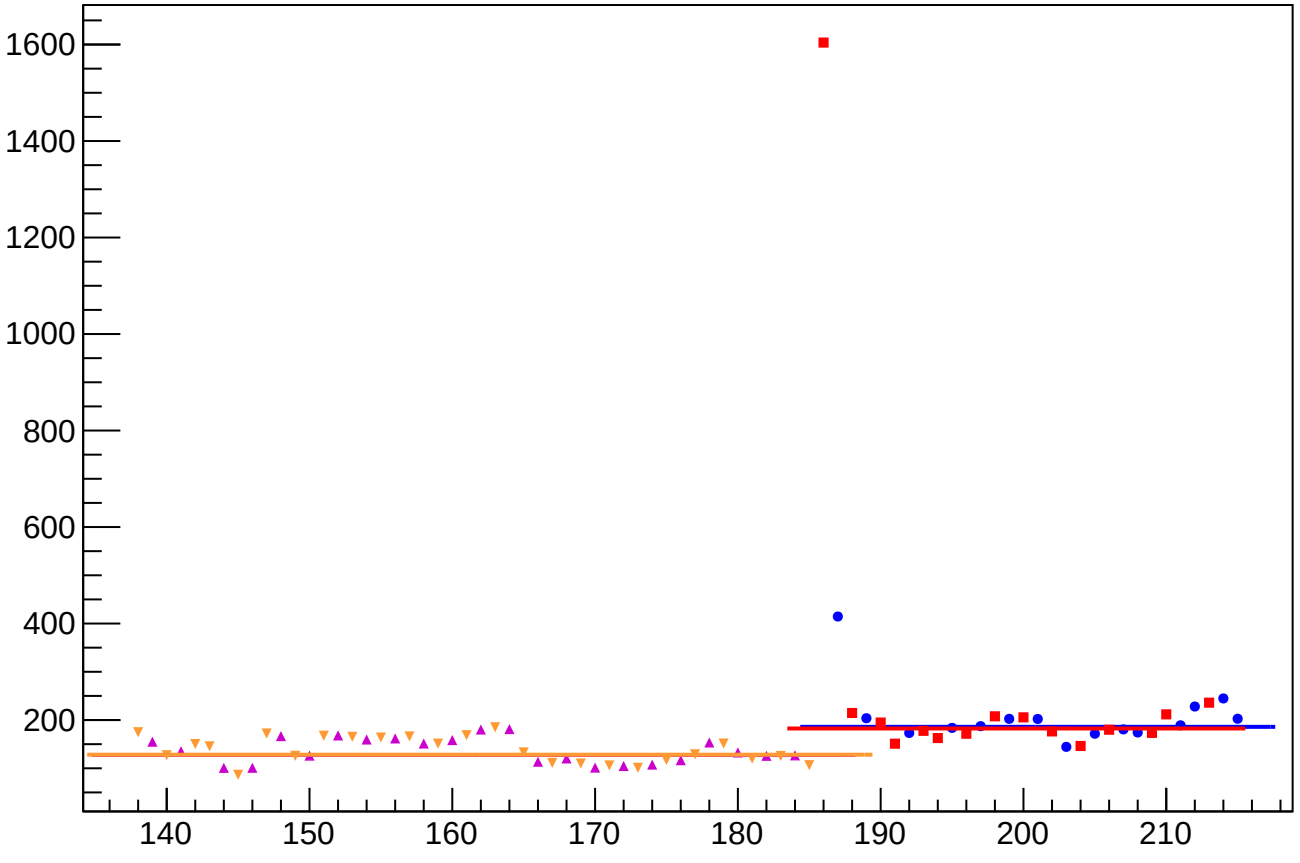
Left In: 17.679+/-31.209 χ^2/NDF:30.1/22

+ sign 139.595+/-27.008 χ^2/NDF: 36.6/39

All: 98.501+/-19.291 χ^2/NDF: 98.5/77

- sign 55.703+/-27.562 χ^2/NDF: 57.1/37

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: 182.510+/-0.042 χ^2/NDF: 916876.2/14

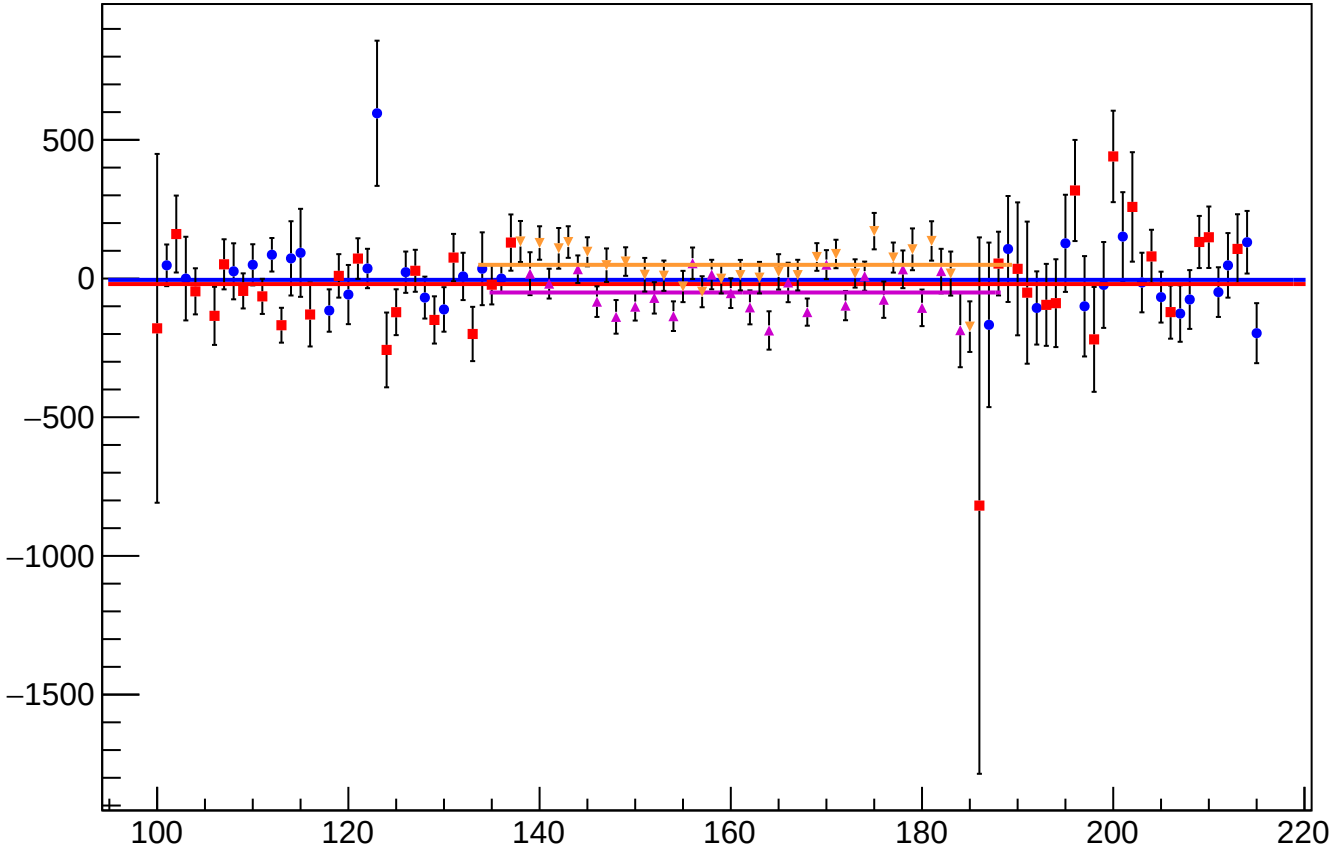
Left In: 127.544+/-0.022 χ^2/NDF:1235705.3/22

+ sign 140.859+/-0.019 χ^2/NDF: 3528281.9/39

All: 140.261+/-0.014 χ^2/NDF: 7047875.5/77

- sign 139.637+/-0.019 χ^2/NDF: 3517587.7/37

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: -19.947+/-17.068 χ^2/NDF: 50.7/33

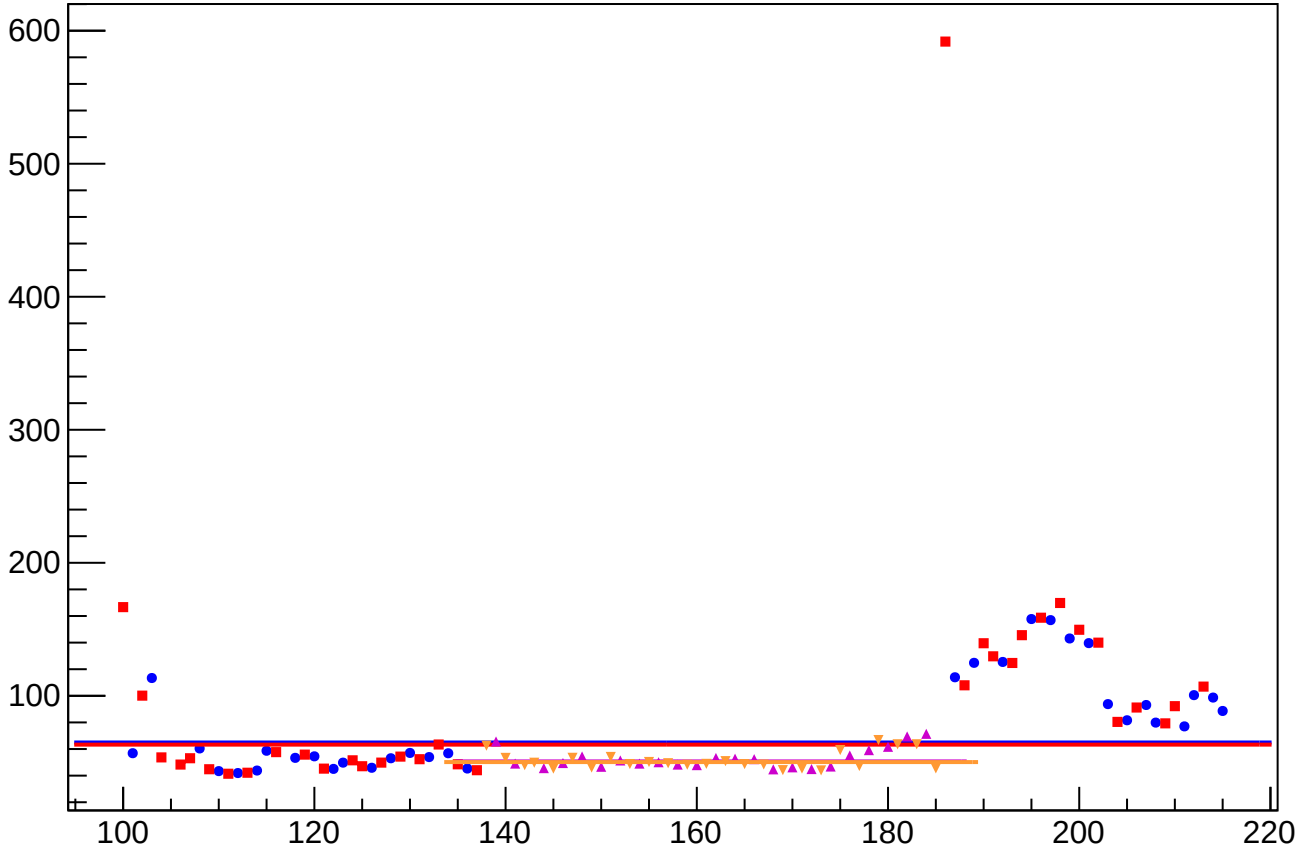
Left In: -50.331+/-12.253 χ^2/NDF:32.2/22

+ sign 31.836+/-9.702 χ^2/NDF: 60.1/56

All: -3.161+/-6.948 χ^2/NDF: 171.8/113

- sign -39.997+/-9.954 χ^2/NDF: 85.0/56

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: 63.311+/-0.012 χ^2/NDF: 6263098.9/33

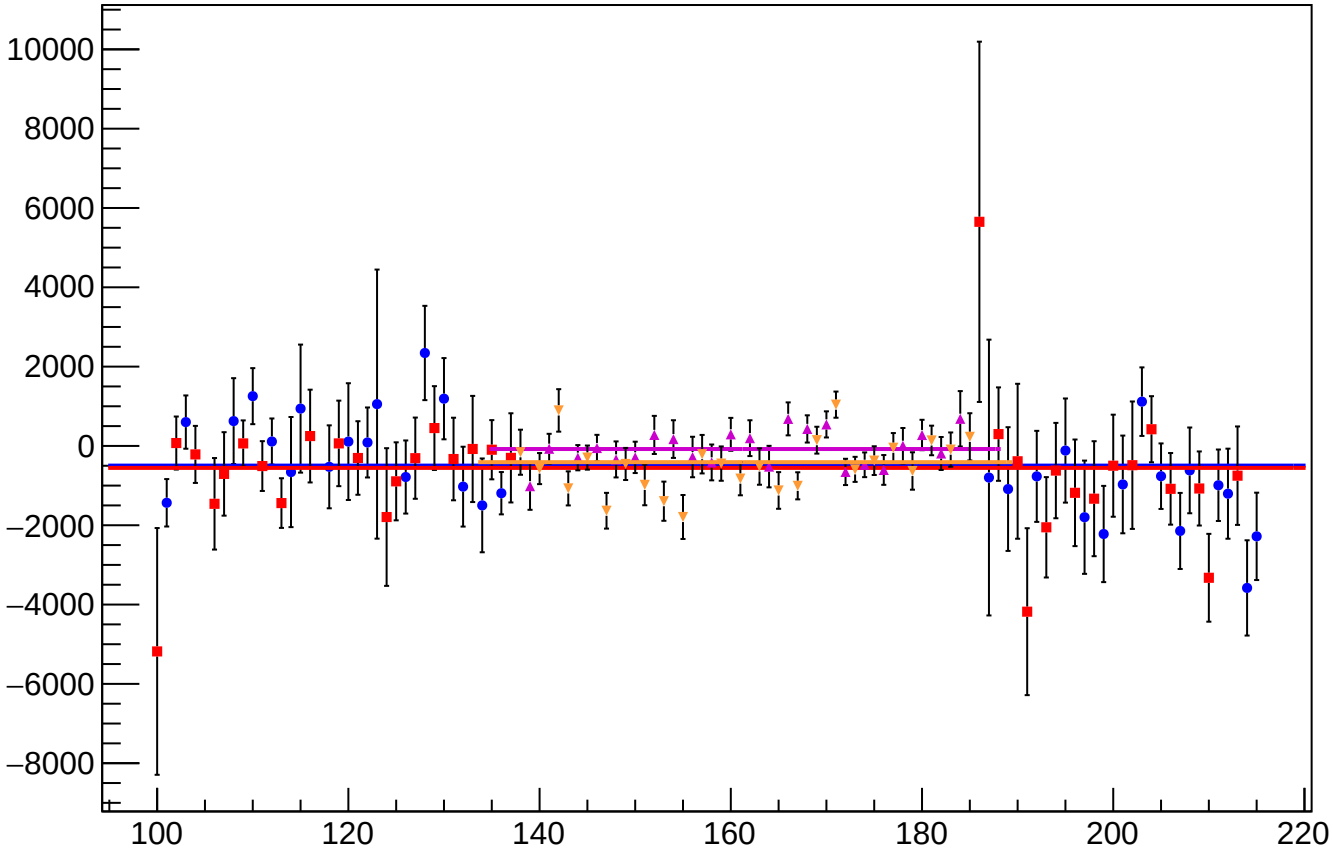
Left In: 50.683+/-0.009 χ^2/NDF:469292.3/22

+ sign 54.968+/-0.007 χ^2/NDF: 6596887.9/56

All: 54.973+/-0.005 χ^2/NDF: 14051725.8/113

- sign 54.978+/-0.007 χ^2/NDF: 7454836.8/56

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: -553.804+/-171.777 χ^2/NDF: 25.7/33

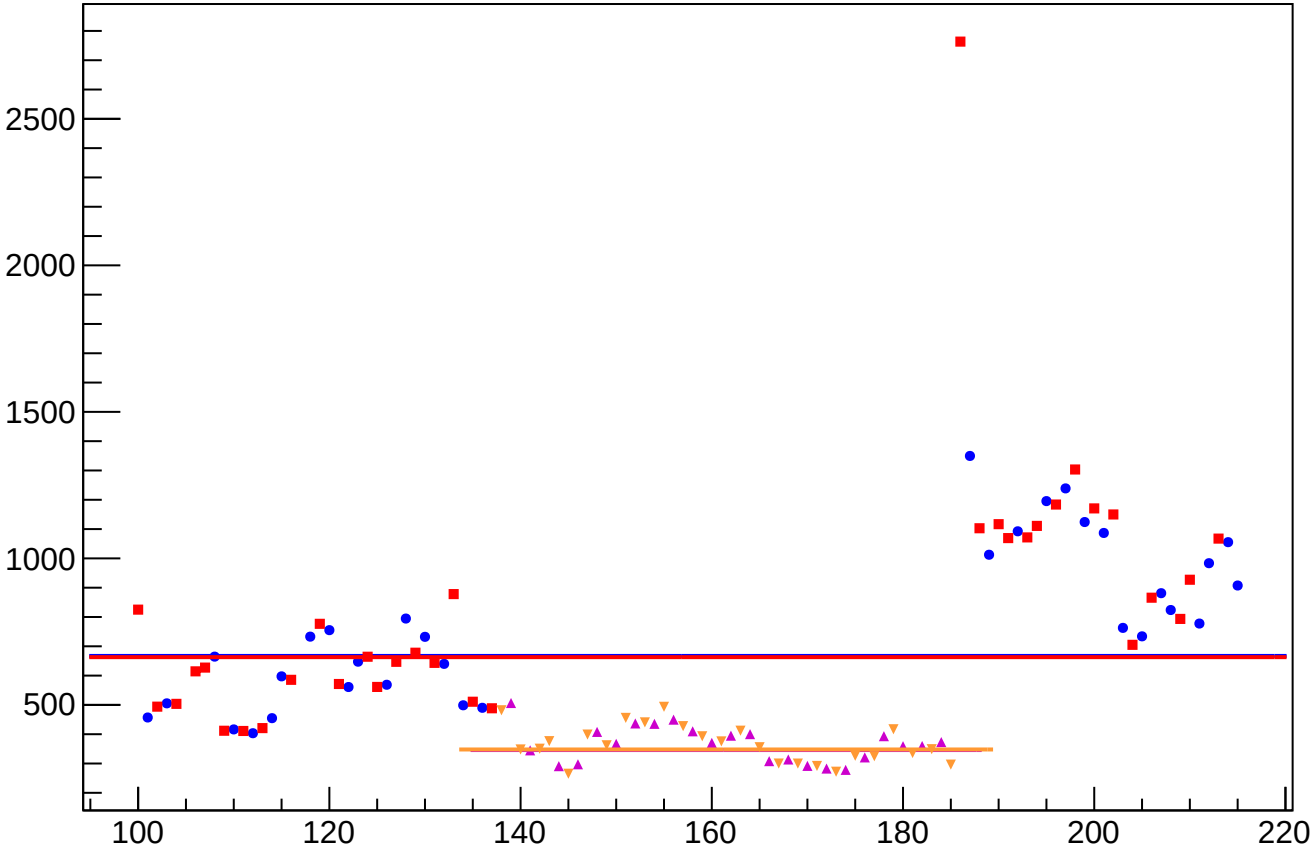
Left In: -77.872+/-84.072 χ^2/NDF:24.8/22

+ sign -425.621+/-74.139 χ^2/NDF: 107.9/56

All: -300.081+/-52.903 χ^2/NDF: 170.5/113

- sign -169.845+/-75.513 χ^2/NDF: 56.8/56

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: 662.940+/-0.121 χ^2/NDF: 4521172.6/33

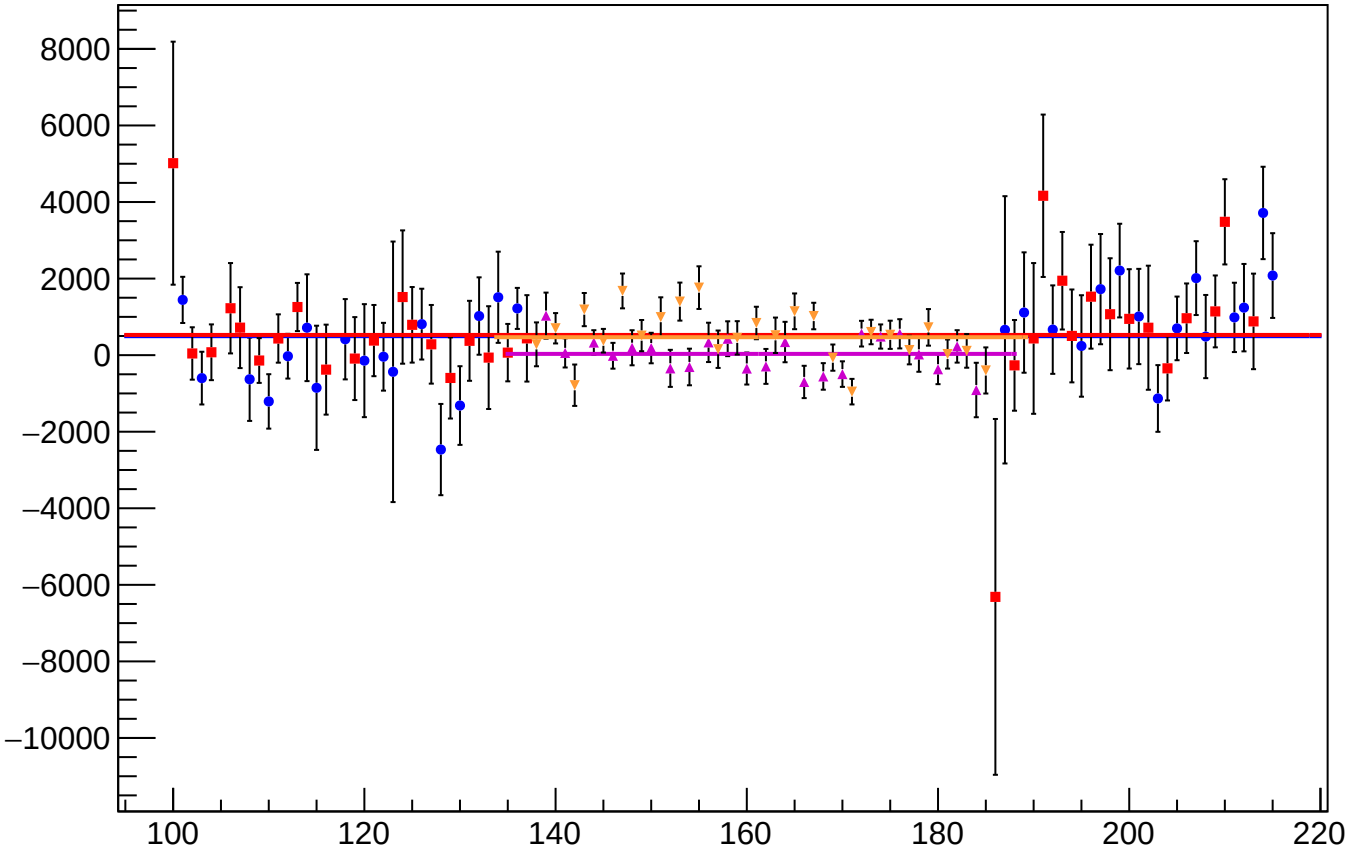
Left In: 345.954+/-0.059 χ^2/NDF:900847.0/22

+ sign 408.348+/-0.052 χ^2/NDF: 10453609.8/56

All: 407.790+/-0.037 χ^2/NDF: 21370256.4/11

- sign 407.211+/-0.053 χ^2/NDF: 10916415.6/56

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: 528.061+/-173.067 χ^2/NDF: 25.5/33

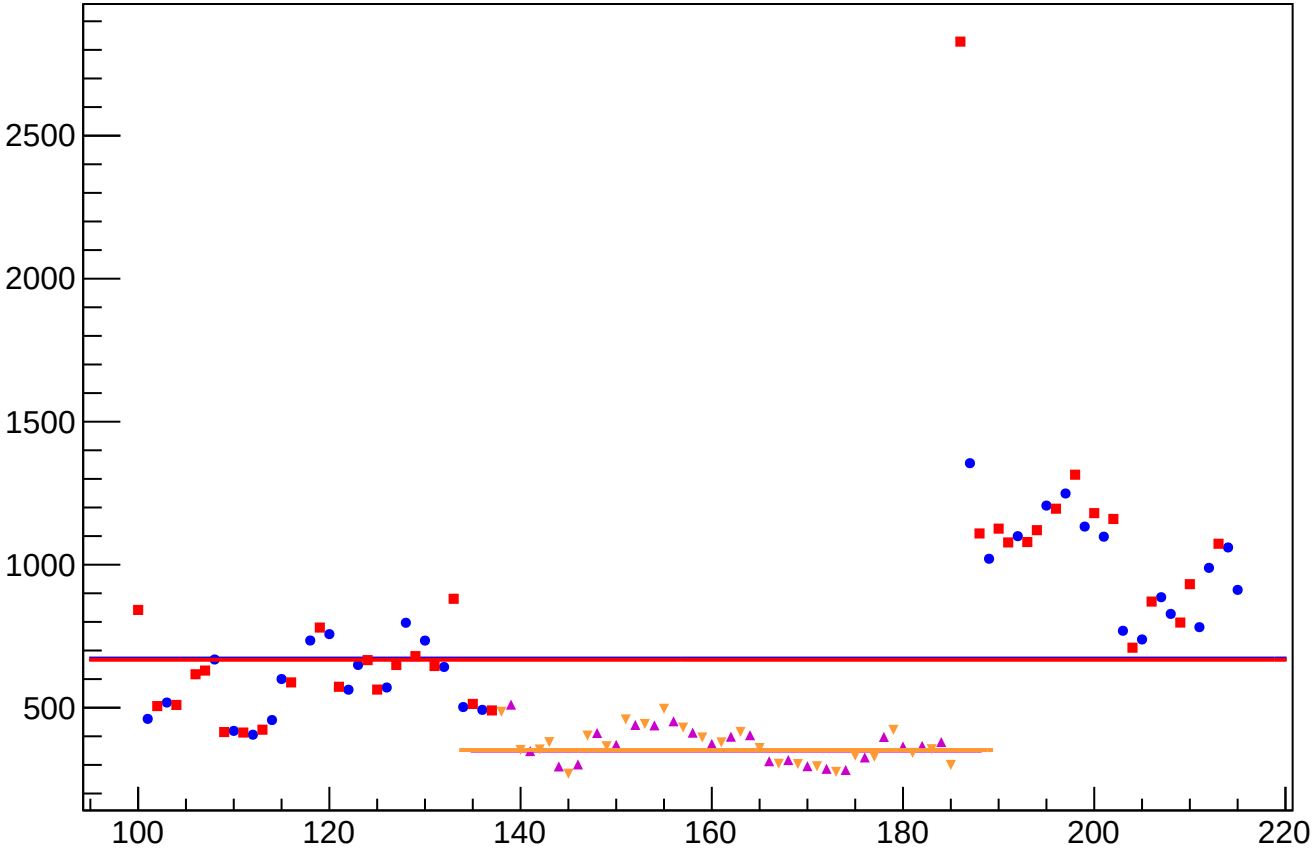
Left In: 32.801+/-85.064 χ^2/NDF:25.7/22

+ sign 473.920+/-74.927 χ^2/NDF: 102.7/56

All: 304.765+/-53.474 χ^2/NDF: 170.9/113

- sign 129.166+/-76.341 χ^2/NDF: 57.8/56

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: 667.723+/-0.122 χ^2/NDF: 4519176.8/33

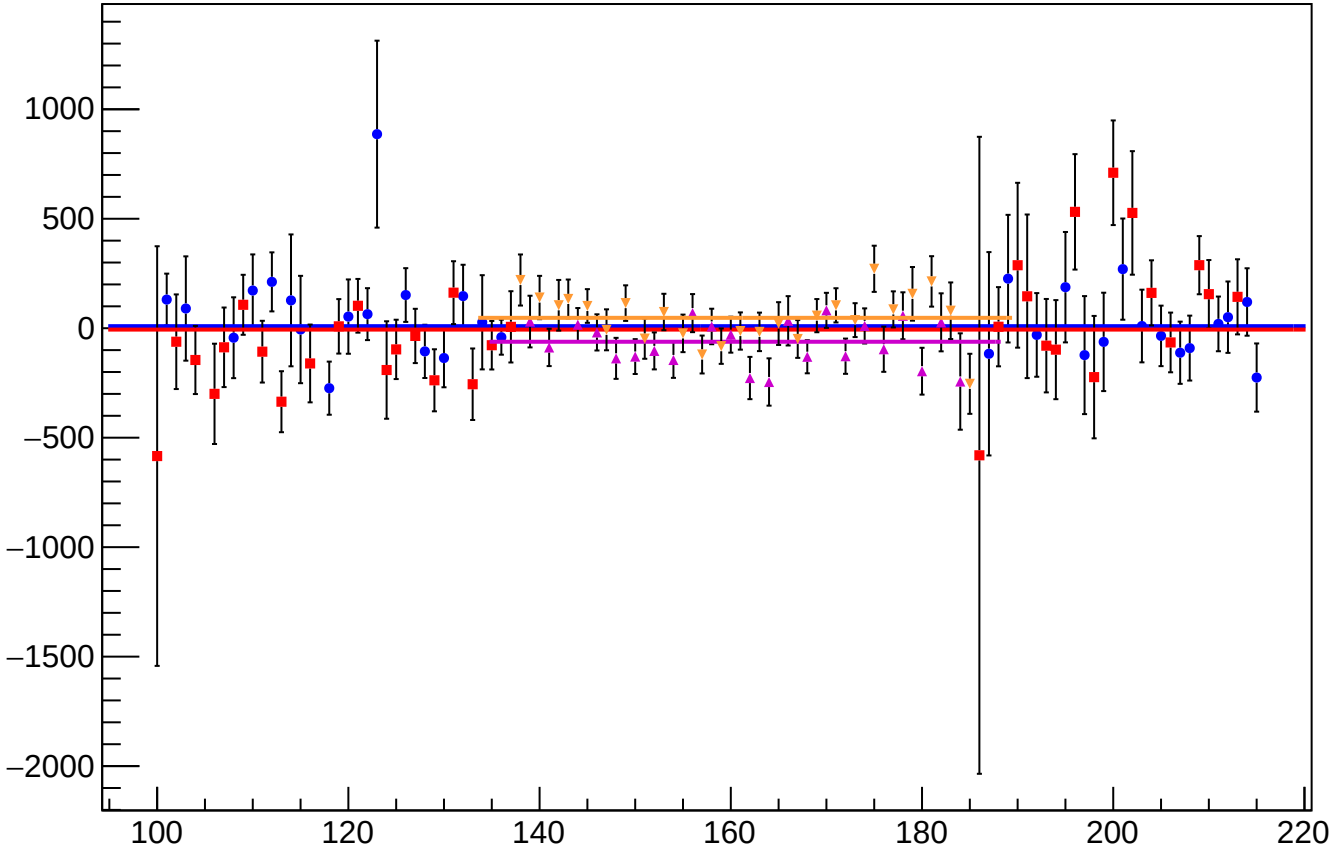
Left In: 350.160+/-0.060 χ^2/NDF:878380.0/22

+ sign 413.047+/-0.053 χ^2/NDF: 10349740.6/56

All: 412.508+/-0.038 χ^2/NDF: 21171117.9/11

- sign 411.950+/-0.054 χ^2/NDF: 10821167.1/56

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: -6.265+/-28.861 χ^2/NDF: 46.1/33

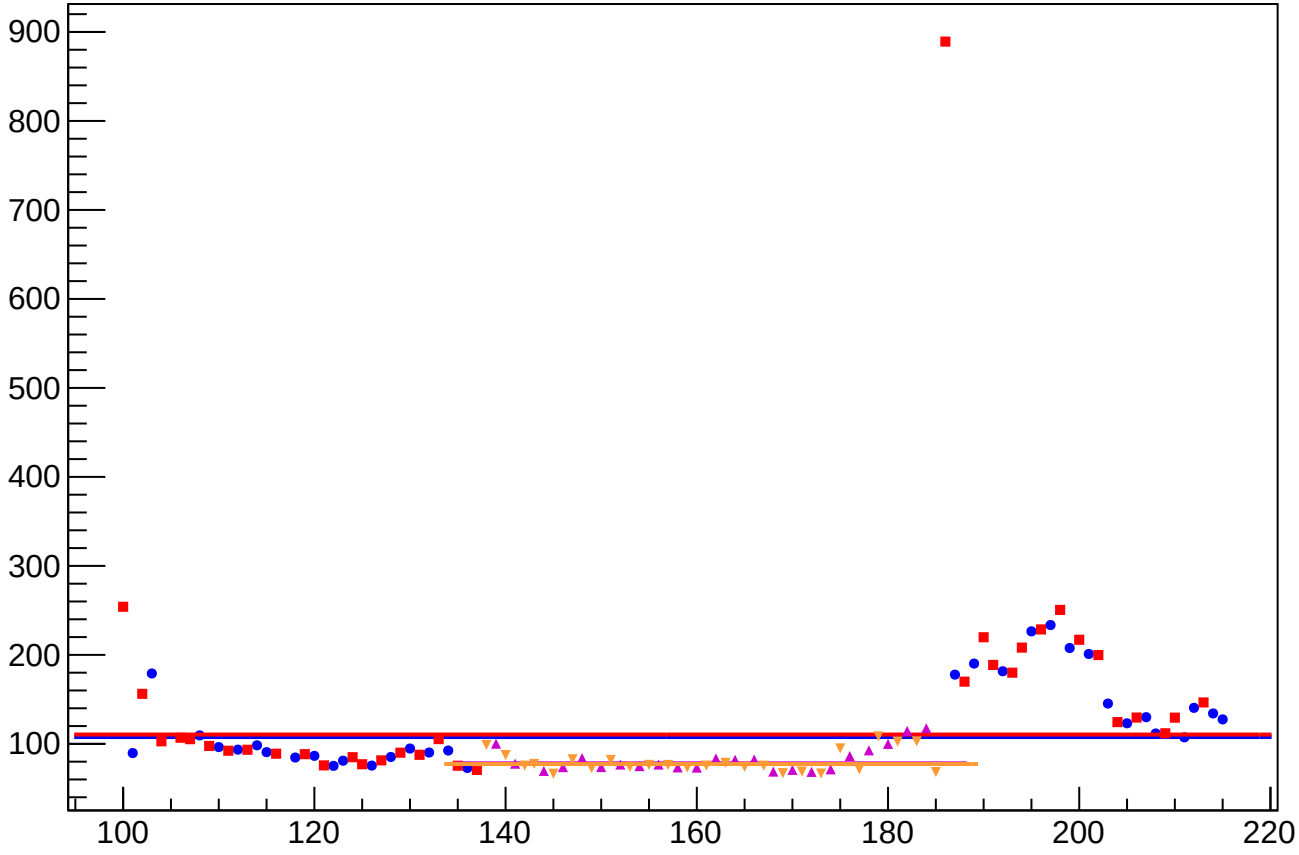
Left In: -61.830+/-18.958 χ^2/NDF:24.0/22

+ sign 35.842+/-15.222 χ^2/NDF: 57.0/56

All: -2.997+/-10.977 χ^2/NDF: 143.2/113

- sign -45.082+/-15.845 χ^2/NDF: 72.7/56

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: 110.479+/-0.020 χ^2/NDF: 4451234.0/33

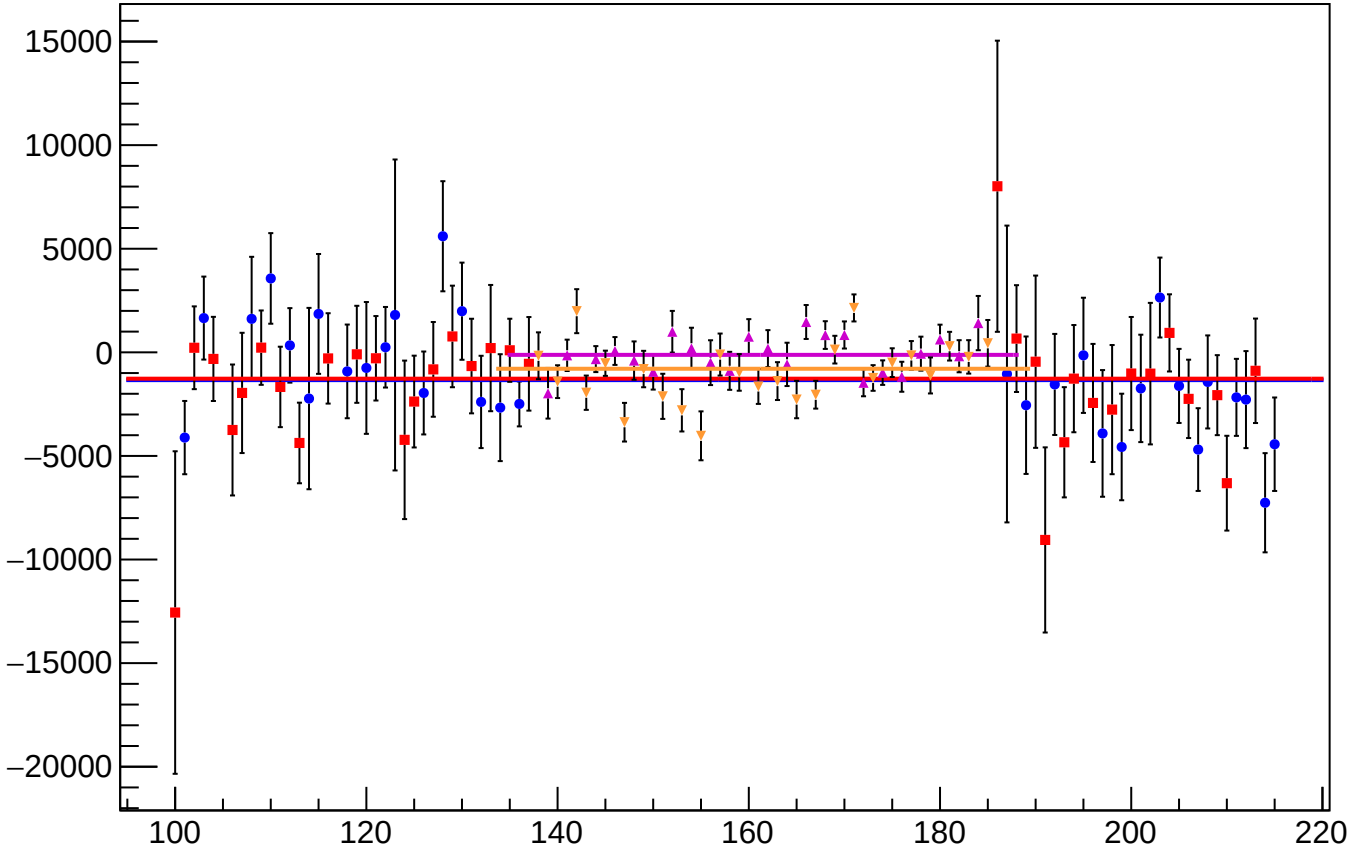
Left In: 78.139+/-0.013 χ^2/NDF:582108.1/22

+ sign 86.559+/-0.011 χ^2/NDF: 5948922.1/56

All: 87.196+/-0.008 χ^2/NDF: 12743897.2/113

- sign 87.887+/-0.011 χ^2/NDF: 6787672.6/56

asym_sam_2468_avg_correction_mean vs Slug



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: -1271.817+/-409.642 χ^2/NDF: 24.2/33

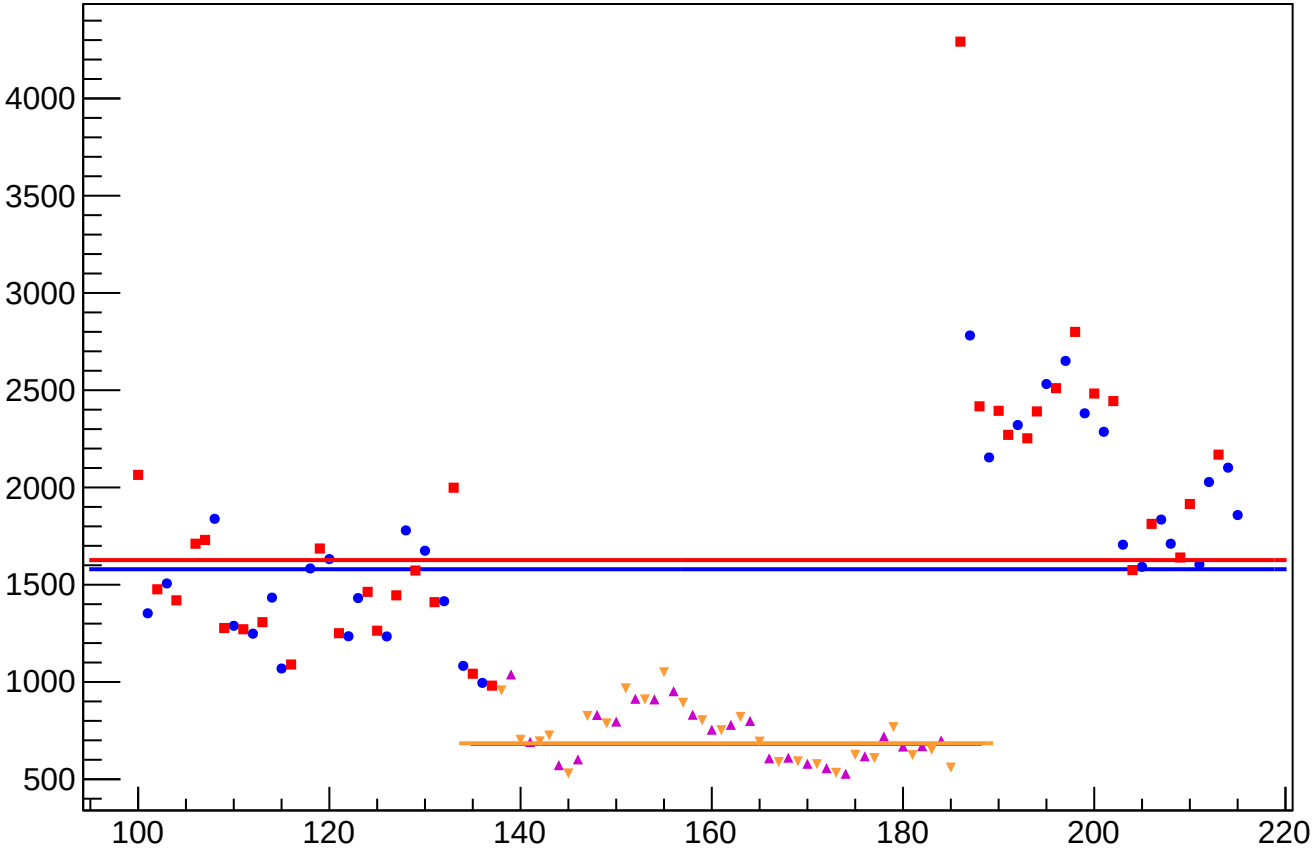
Left In: -122.198+/-166.193 χ^2/NDF:25.9/22

+ sign -872.394+/-150.400 χ^2/NDF: 110.7/56

All: -585.489+/-107.600 χ^2/NDF: 175.0/113

- sign -284.677+/-154.002 χ^2/NDF: 56.9/56

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: 1626.657+/-0.290 χ^2/NDF: 2809215.3/33

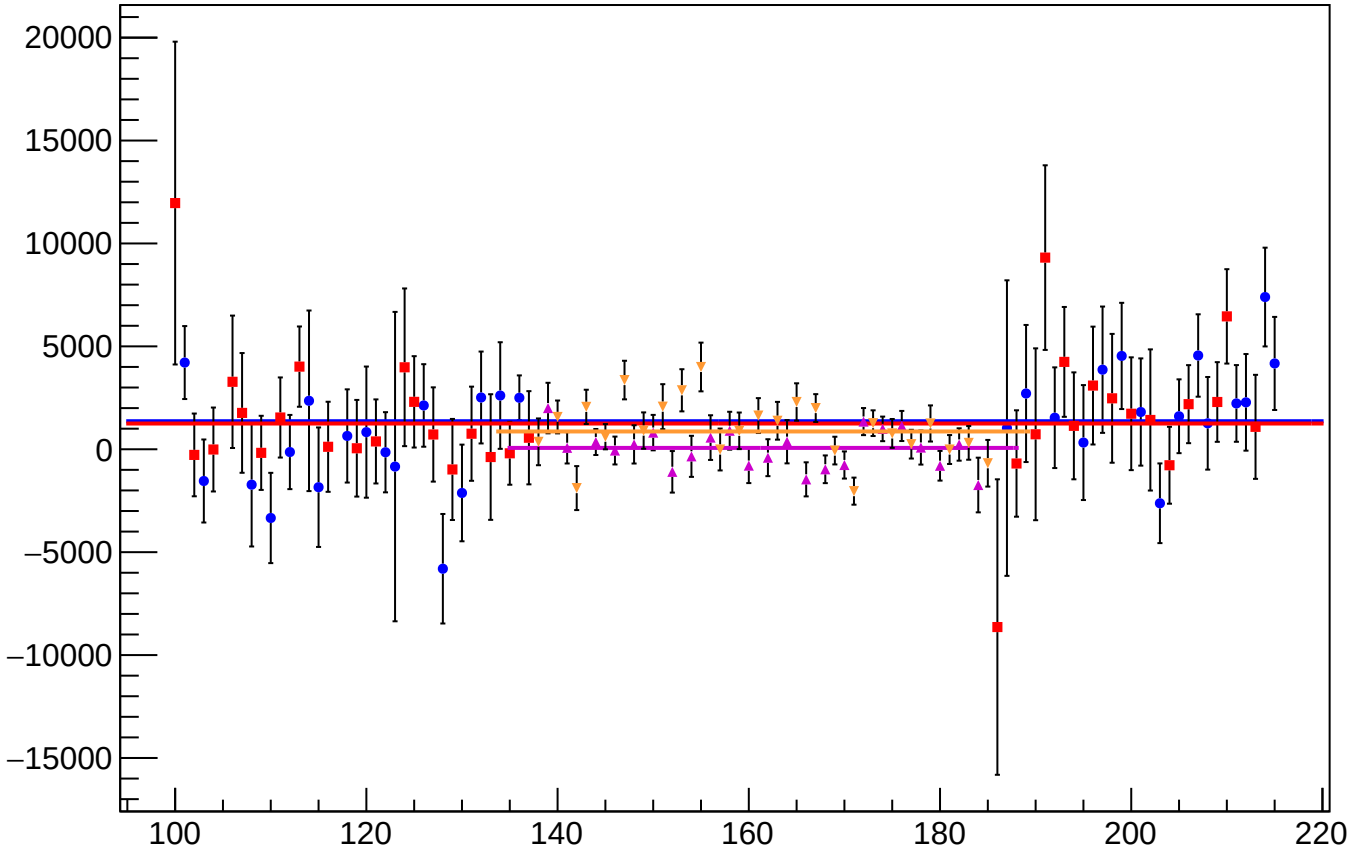
Left In: 681.712+/-0.118 χ^2/NDF:1119637.0/22

+ sign 814.591+/-0.106 χ^2/NDF: 12455676.1/56

All: 814.920+/-0.076 χ^2/NDF: 25522714.4/11

- sign 815.264+/-0.109 χ^2/NDF: 13067018.7/56

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: 1250.899+/-411.021 χ^2/NDF: 24.0/33

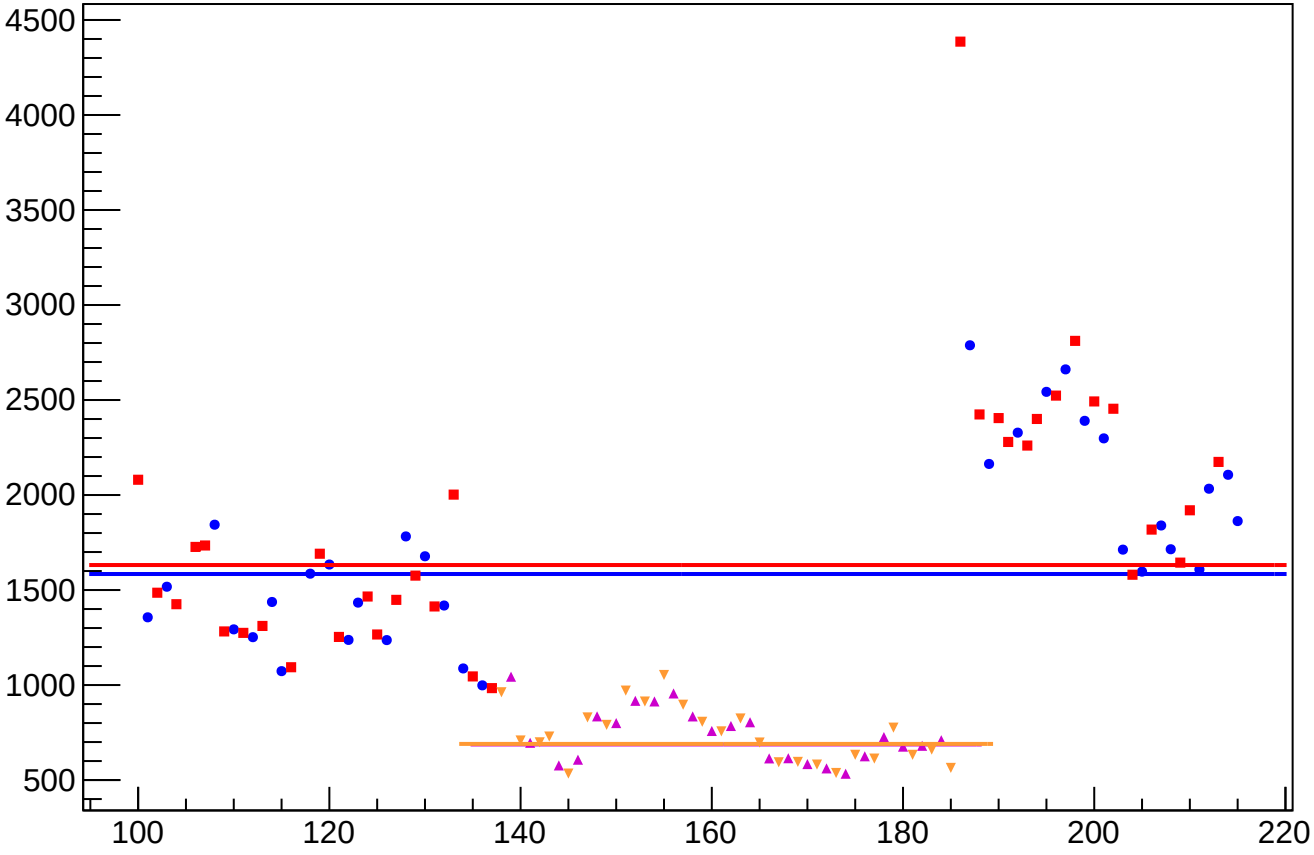
Left In: 65.924+/-167.485 χ^2/NDF:26.4/22

+ sign 938.304+/-151.434 χ^2/NDF: 106.0/56

All: 594.903+/-108.353 χ^2/NDF: 174.1/113

- sign 234.663+/-155.102 χ^2/NDF: 57.6/56

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: 1631.574+/-0.291 χ^2/NDF: 2821250.1/33

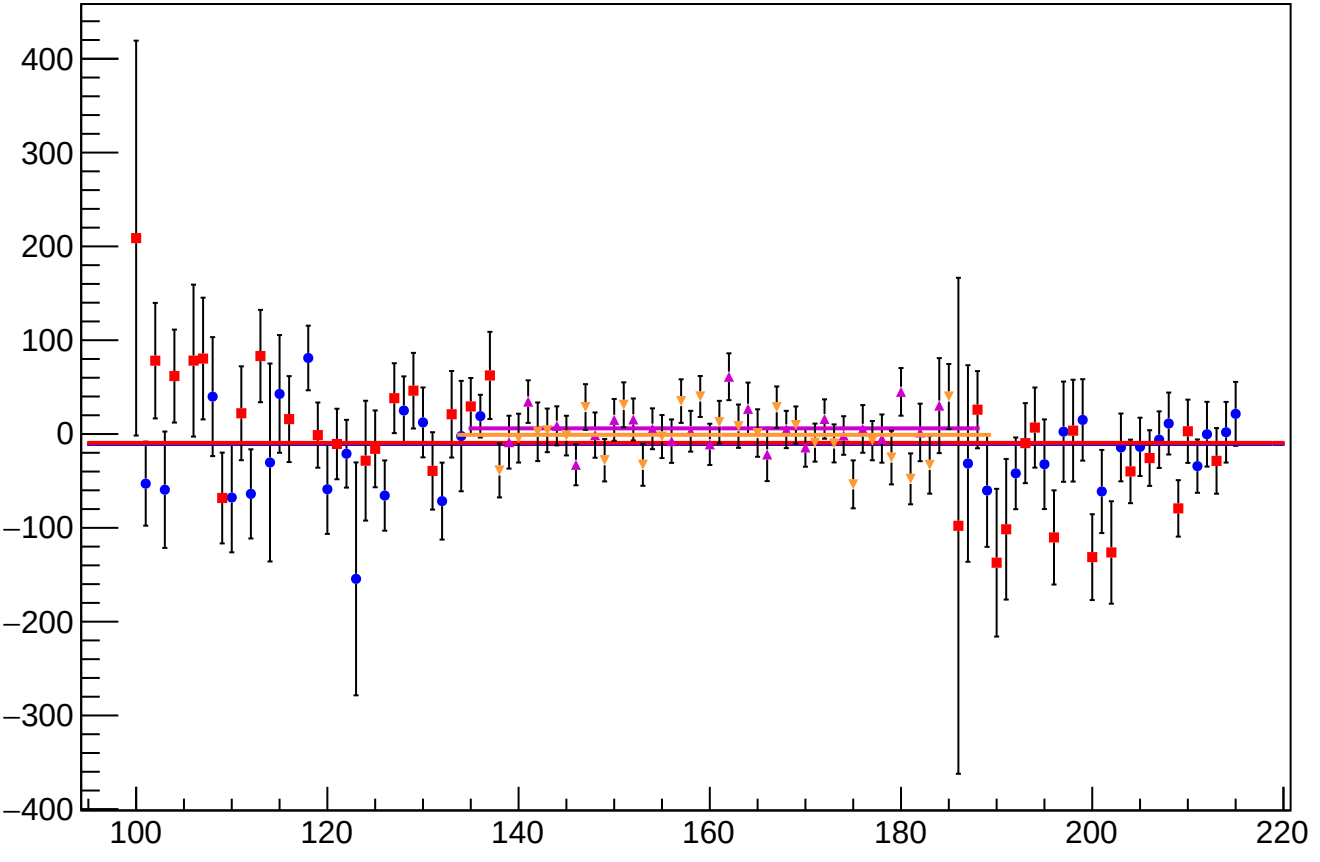
Left In: 687.216+/-0.118 χ^2/NDF:1099706.1/22

+ sign 820.874+/-0.107 χ^2/NDF: 12358723.2/56

All: 821.273+/-0.077 χ^2/NDF: 25334113.3/11

- sign 821.692+/-0.110 χ^2/NDF: 12975361.6/56

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: -9.450+/-7.554 χ^2/NDF: 50.5/33

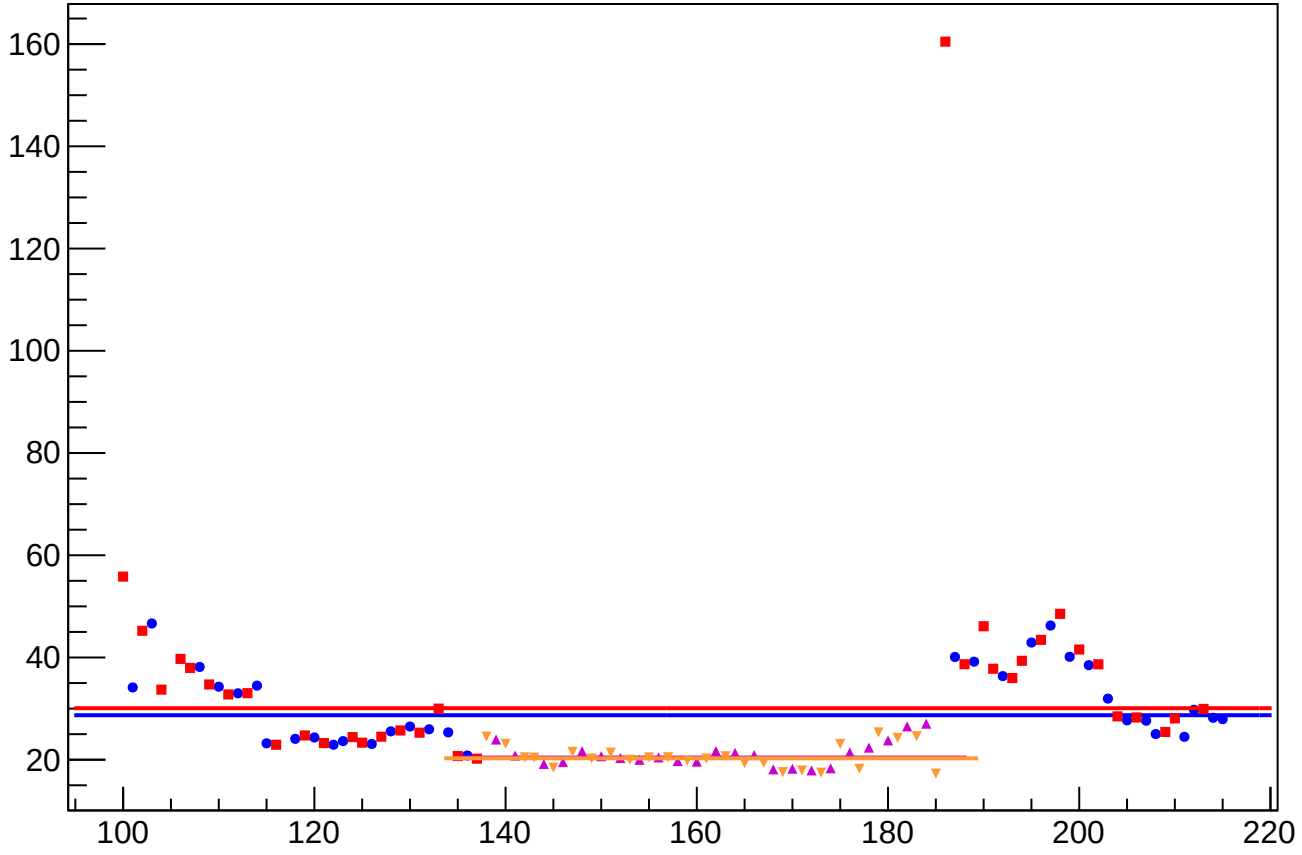
Left In: 6.042+/-4.925 χ^2/NDF:16.9/22

+ sign -3.866+/-3.955 χ^2/NDF: 56.9/56

All: -1.335+/-2.855 χ^2/NDF: 128.1/113

- sign 1.420+/-4.126 χ^2/NDF: 70.4/56

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: 30.083+/-0.005 χ^2/NDF: 2285158.0/33

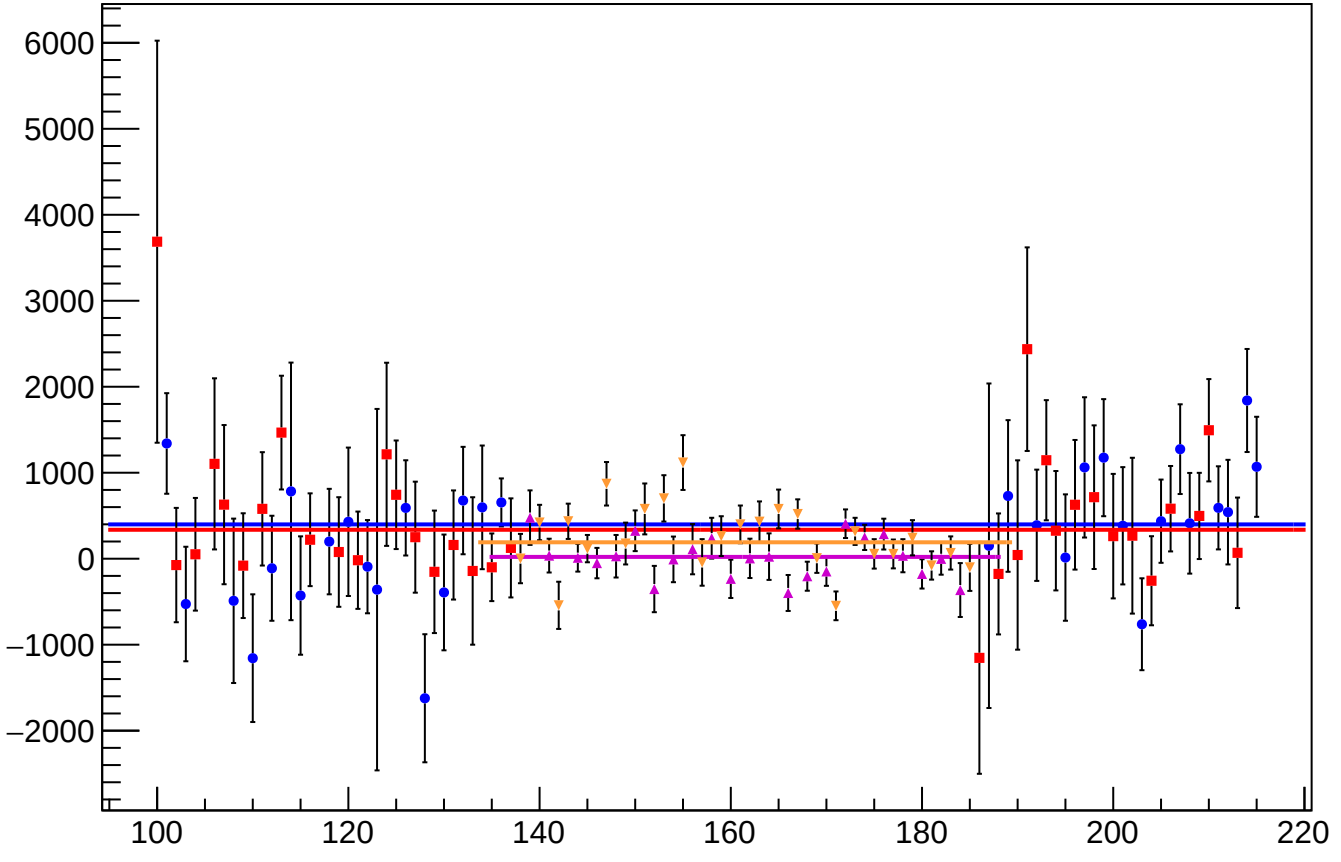
Left In: 20.424+/-0.003 χ^2/NDF:323427.4/22

+ sign 22.890+/-0.003 χ^2/NDF: 3962740.7/56

All: 23.089+/-0.002 χ^2/NDF: 8876465.2/113

- sign 23.305+/-0.003 χ^2/NDF: 4903153.5/56

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: 336.483+/-114.794 χ^2/NDF: 23.1/33

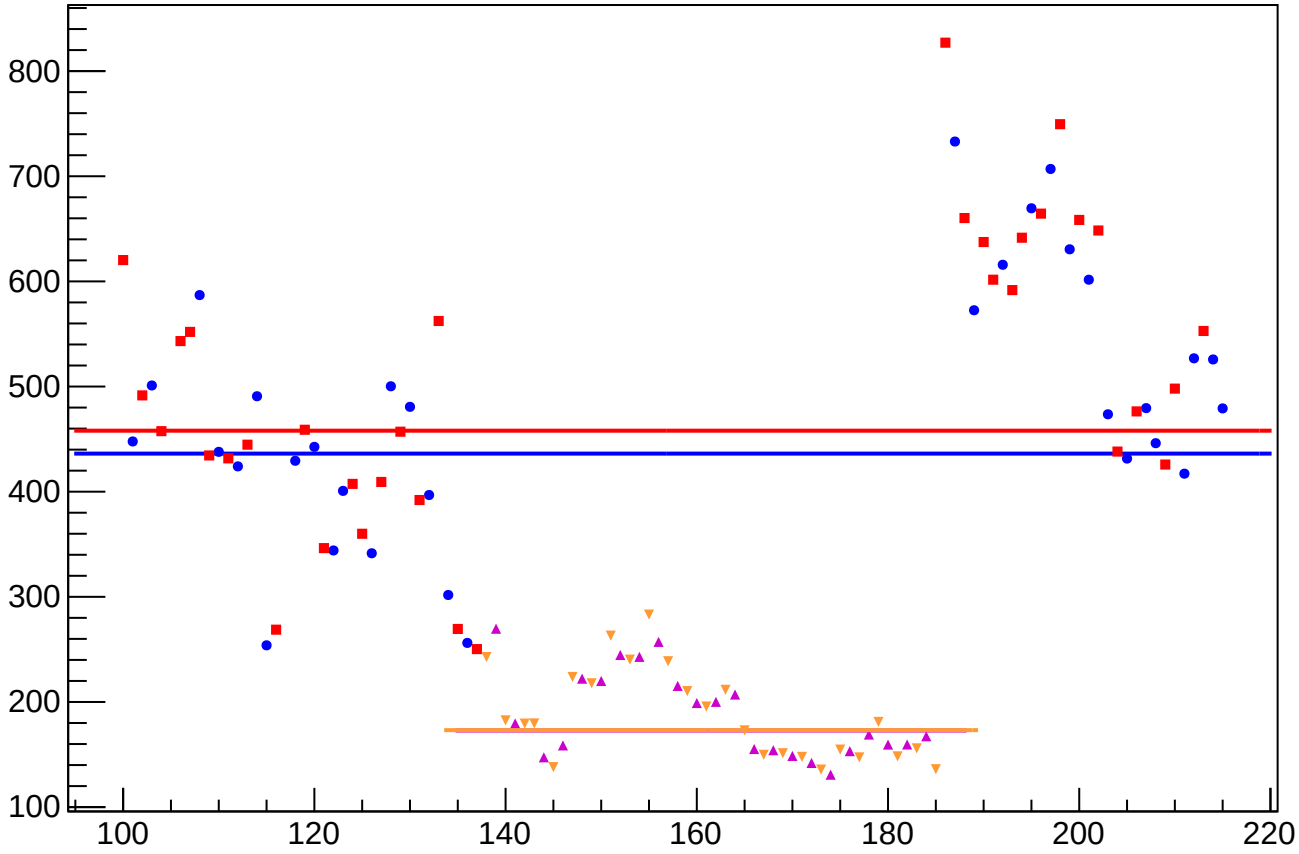
Left In: 20.998+/-42.291 χ^2/NDF:27.7/22

+ sign 217.019+/-38.630 χ^2/NDF: 111.3/56

All: 139.988+/-27.680 χ^2/NDF: 177.0/113

- sign 58.699+/-39.683 χ^2/NDF: 57.5/56

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: 458.012+/-0.081 χ^2/NDF: 2528341.3/33

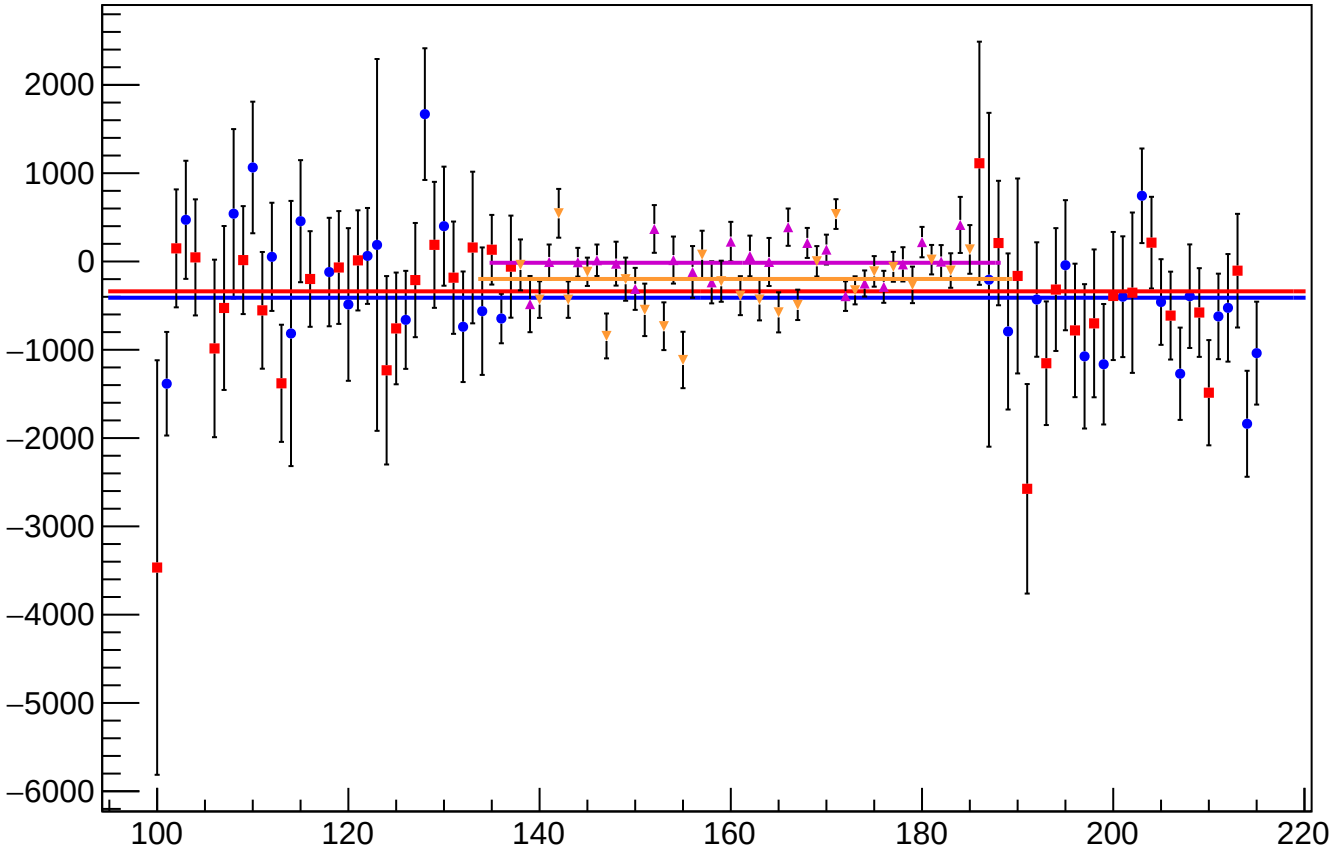
Left In: 172.828+/-0.030 χ^2/NDF:1372131.7/22

+ sign 206.270+/-0.027 χ^2/NDF: 14093107.0/56

All: 206.580+/-0.020 χ^2/NDF: 28862351.2/11

- sign 206.908+/-0.028 χ^2/NDF: 14768978.3/56

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

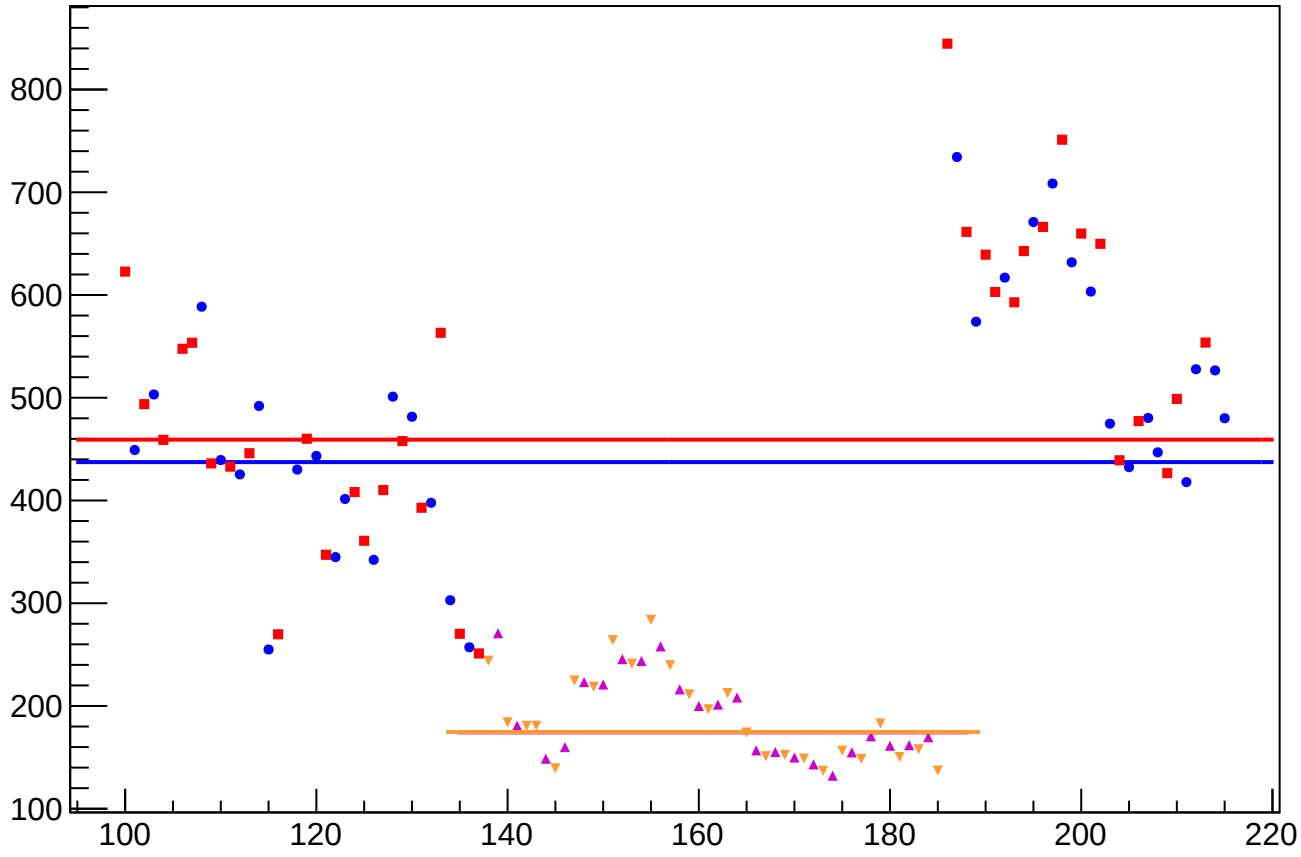
Right Out: -338.023+/-115.107 χ^2/NDF: 23.1/33

Left In: -14.616+/-42.629 χ^2/NDF:27.7/22

+ sign -224.889+/-38.907 χ^2/NDF: 107.4/56

All: -141.576+/-27.882 χ^2/NDF: 174.6/113

- sign -53.623+/-39.976 χ^2/NDF: 57.8/56



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: 459.228+/-0.081 χ^2/NDF: 2530828.8/33

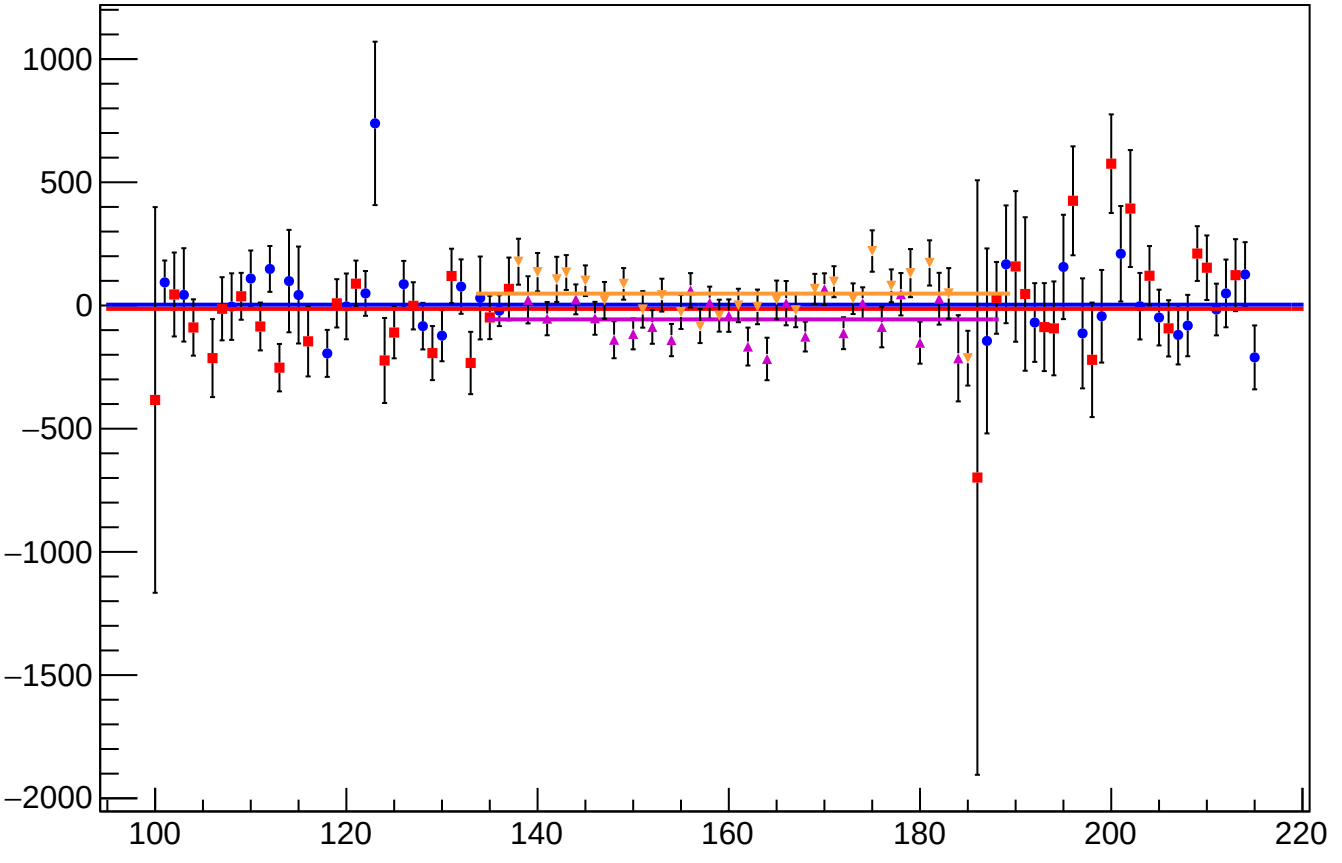
Left In: 174.288+/-0.030 χ^2/NDF:1344779.5/22

+ sign 207.979+/-0.028 χ^2/NDF: 13969372.0/56

All: 208.308+/-0.020 χ^2/NDF: 28622656.9/11

- sign 208.656+/-0.028 χ^2/NDF: 14652991.0/56

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: -13.769+/-22.369 χ^2/NDF: 47.3/33

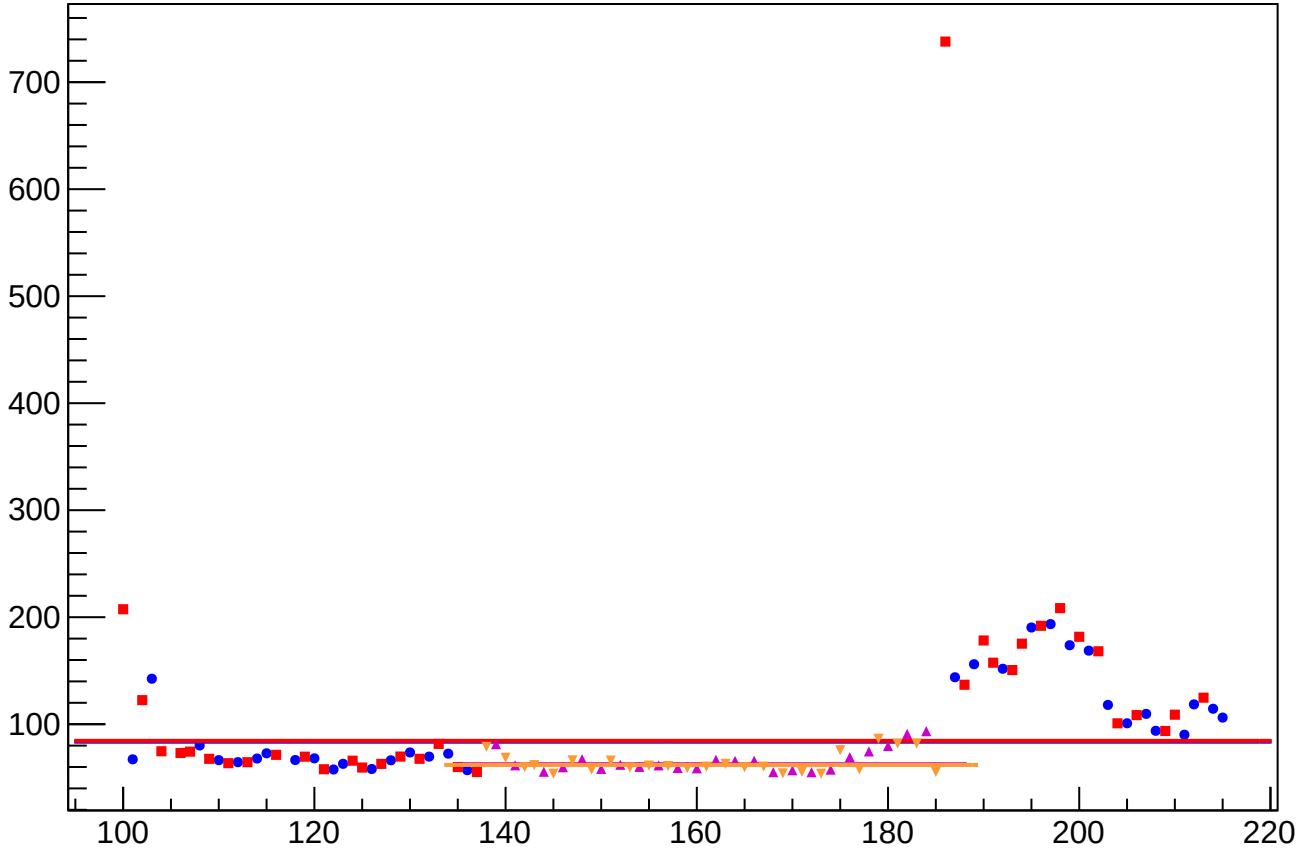
Left In: -56.403+/-15.182 χ^2/NDF:27.5/22

+ sign 34.182+/-12.120 χ^2/NDF: 58.4/56

All: -3.006+/-8.722 χ^2/NDF: 155.1/113

- sign -42.958+/-12.562 χ^2/NDF: 77.2/56

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

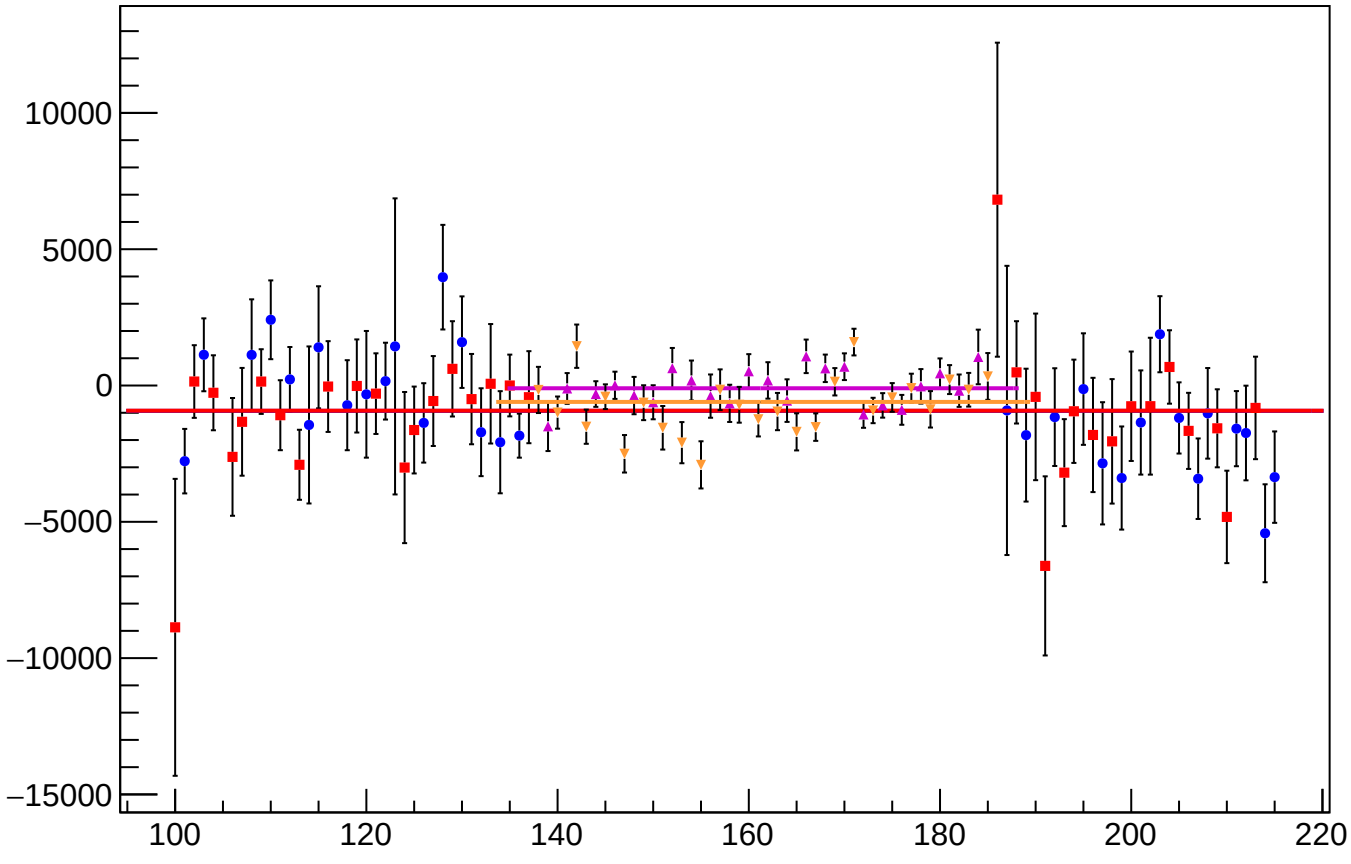
Right Out: 84.442+/-0.016 χ^2/NDF: 5228555.8/33

Left In: 62.607+/-0.011 χ^2/NDF:575516.1/22

+ sign 68.730+/-0.009 χ^2/NDF: 6321429.9/56

All: 69.098+/-0.006 χ^2/NDF: 13433966.2/113

- sign 69.493+/-0.009 χ^2/NDF: 7108713.4/56



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: -923.716+/-292.803 χ^2/NDF: 24.6/33

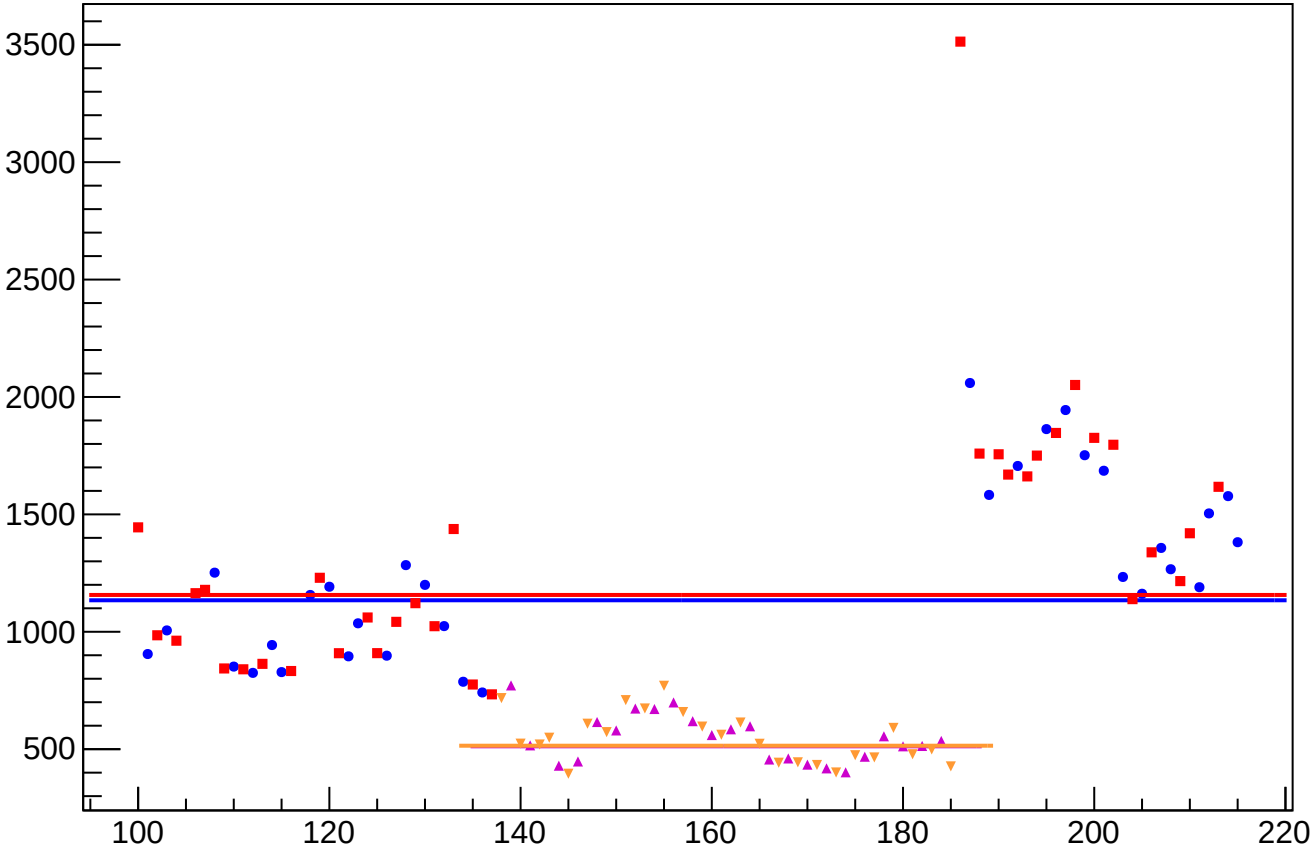
Left In: -100.548+/-124.725 χ^2/NDF:25.5/22

+ sign -652.717+/-112.212 χ^2/NDF: 109.9/56

All: -444.601+/-80.227 χ^2/NDF: 173.6/113

- sign -226.972+/-114.748 χ^2/NDF: 56.7/56

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: 1156.843+/-0.207 χ^2/NDF: 3115992.3/33

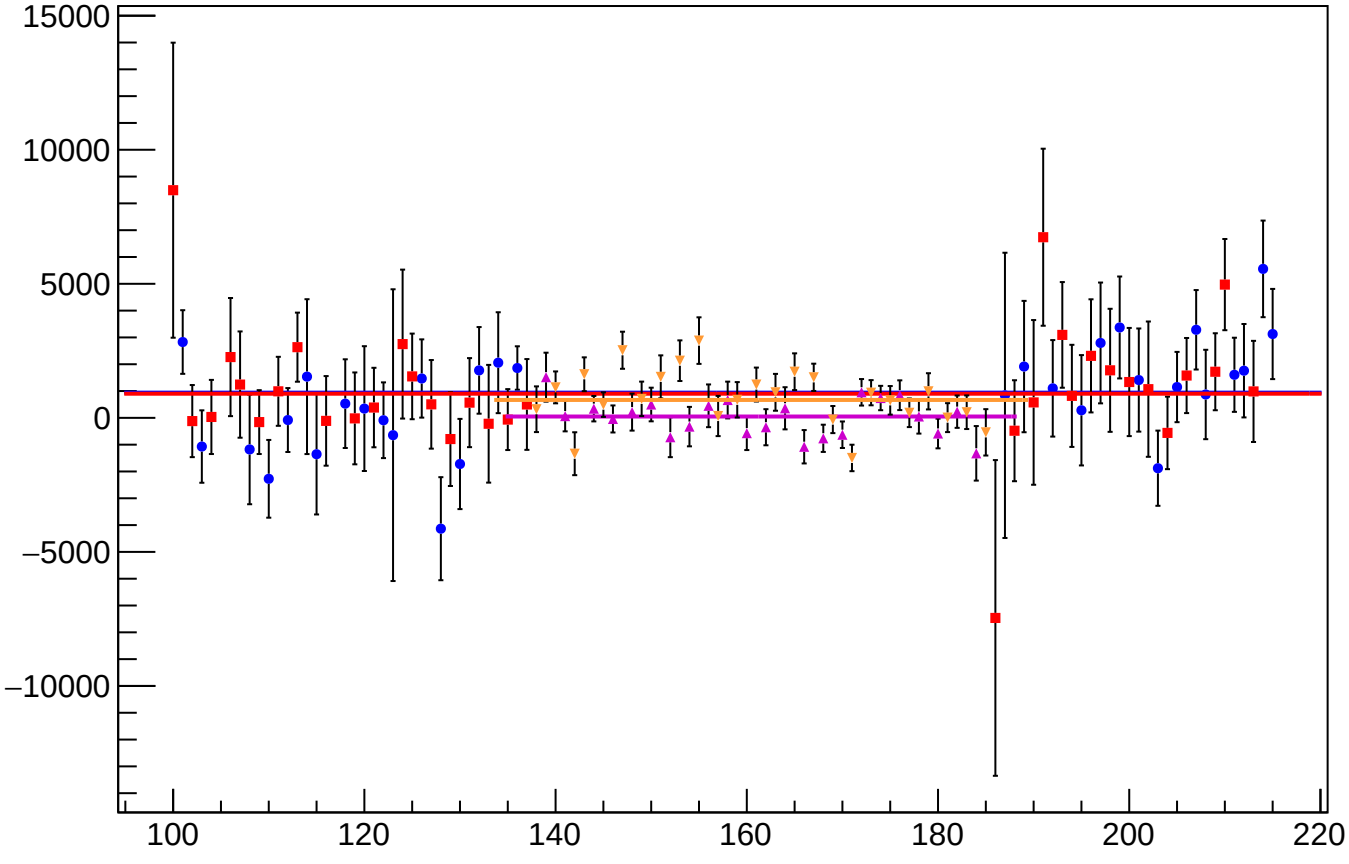
Left In: 512.199+/-0.088 χ^2/NDF:1041302.8/22

+ sign 611.175+/-0.079 χ^2/NDF: 11796492.1/56

All: 611.190+/-0.057 χ^2/NDF: 24159280.9/11

- sign 611.205+/-0.081 χ^2/NDF: 12362788.8/56

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: 900.787+/-294.005 χ^2/NDF: 24.4/33

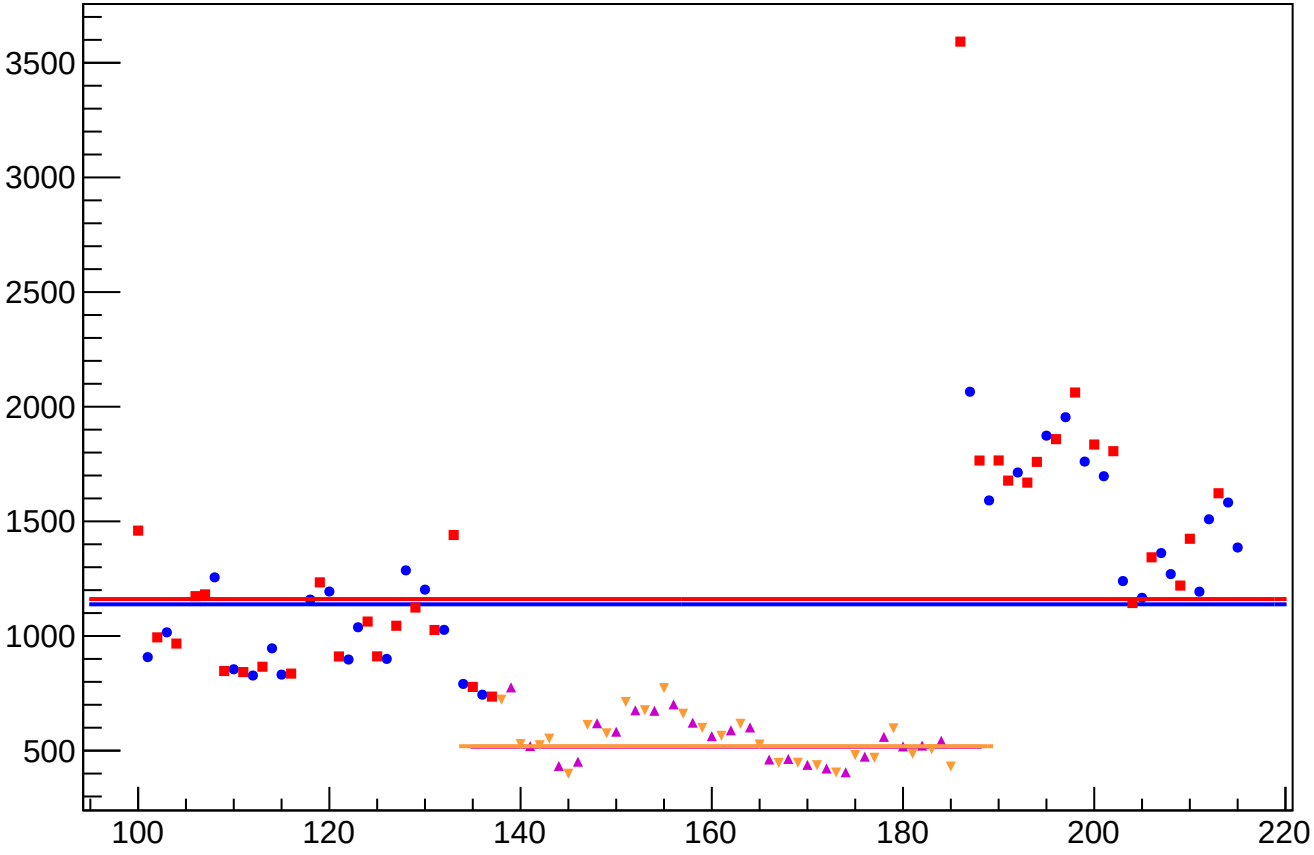
Left In: 50.079+/-125.805 χ^2/NDF:26.1/22

+ sign 710.409+/-113.072 χ^2/NDF: 105.0/56

All: 452.055+/-80.854 χ^2/NDF: 173.2/113

- sign 181.736+/-115.661 χ^2/NDF: 57.5/56

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: 1161.090+/-0.208 χ^2/NDF: 3130001.7/33

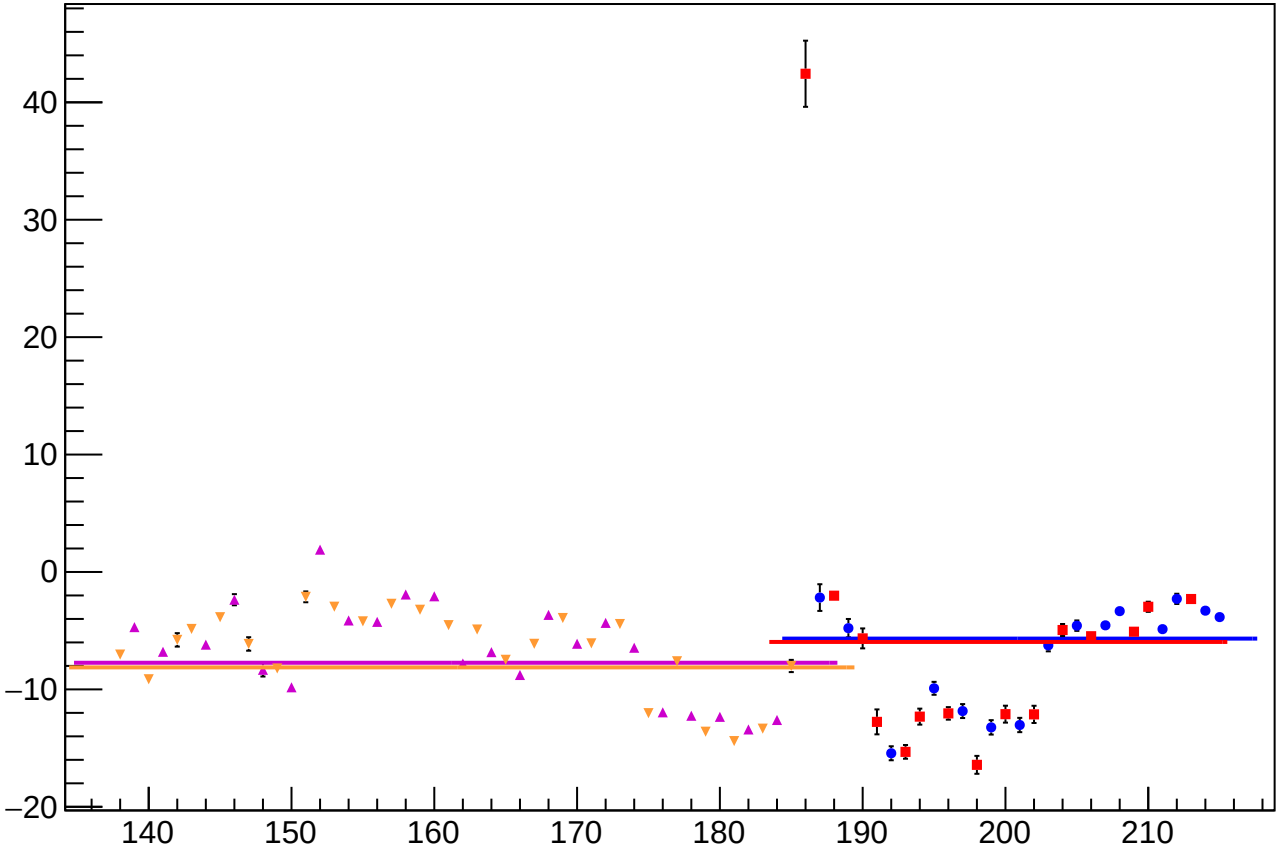
Left In: 516.792+/-0.089 χ^2/NDF:1021374.1/22

+ sign 616.373+/-0.080 χ^2/NDF: 11698389.4/56

All: 616.437+/-0.057 χ^2/NDF: 23968249.2/11

- sign 616.505+/-0.082 χ^2/NDF: 12269858.5/56

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: -5.959+/-0.127 χ^2/NDF: 1473.0/14

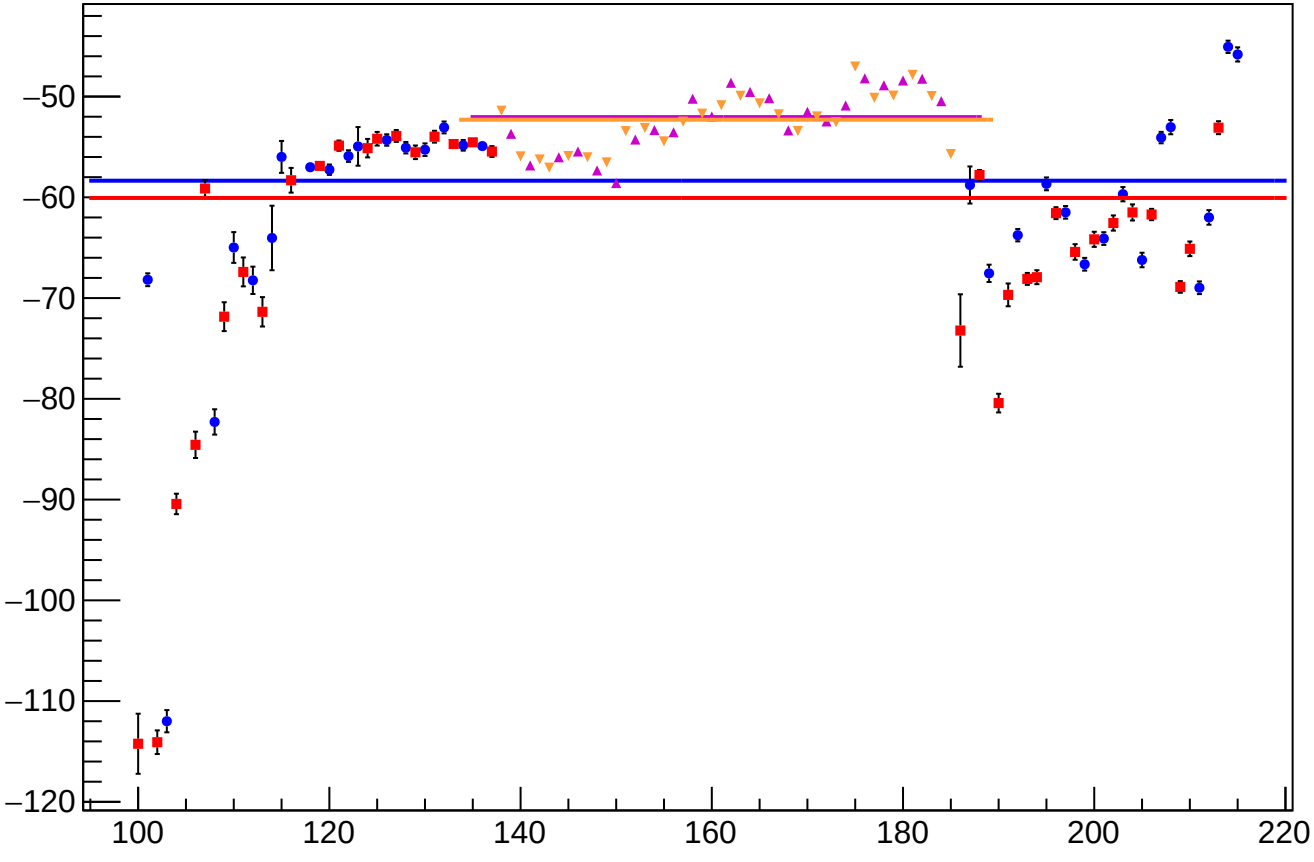
Left In: -7.732+/-0.069 χ^2/NDF:3719.0/22

+ sign -7.517+/-0.058 χ^2/NDF: 4921.8/39

All: -7.428+/-0.042 χ^2/NDF: 10268.7/77

- sign -7.331+/-0.061 χ^2/NDF: 5342.0/37

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: -60.064+/-0.112 χ^2/NDF: 6373.9/33

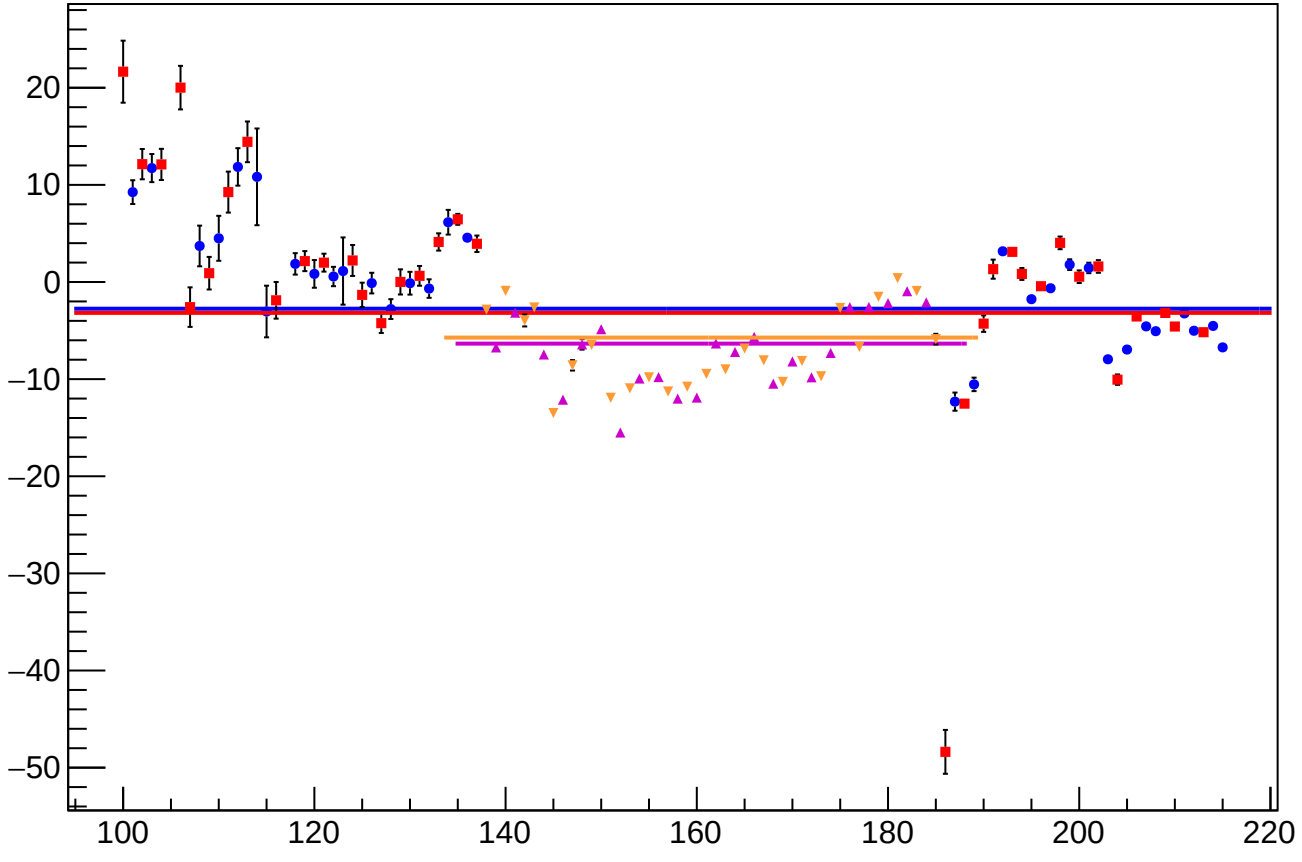
Left In: -52.038+/-0.057 χ^2/NDF:3180.4/22

+ sign -53.493+/-0.049 χ^2/NDF: 10339.4/56

All: -53.592+/-0.035 χ^2/NDF: 23978.3/113

- sign -53.697+/-0.051 χ^2/NDF: 13630.6/56

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: -3.177+/-0.110 χ^2/NDF: 3239.8/33

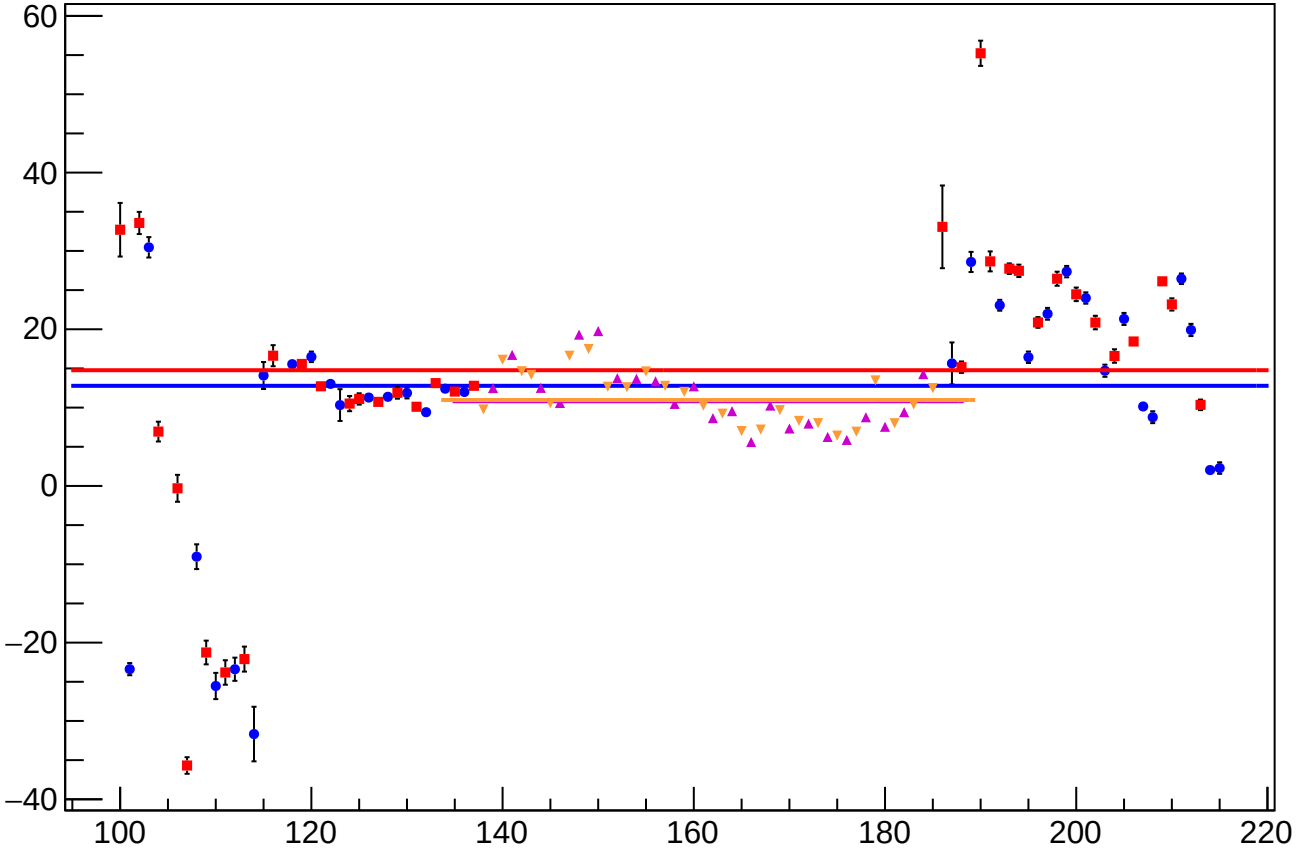
Left In: -6.344+/-0.069 χ^2/NDF:3383.7/22

+ sign -4.861+/-0.057 χ^2/NDF: 6167.1/56

All: -5.151+/-0.041 χ^2/NDF: 13442.4/113

- sign -5.454+/-0.058 χ^2/NDF: 7222.3/56

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: 14.772+/-0.127 χ^2/NDF: 6913.3/33

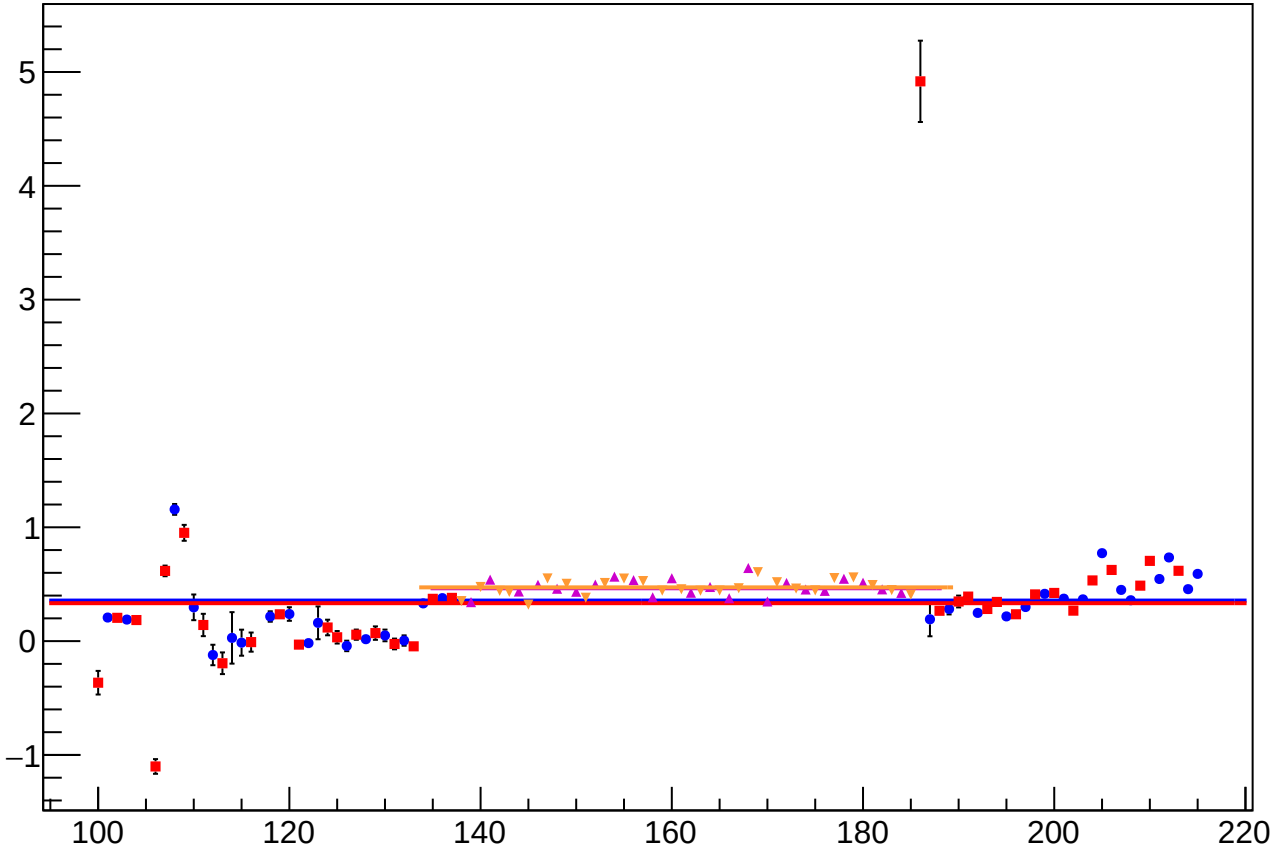
Left In: 10.813+/-0.063 χ^2/NDF:3546.8/22

+ sign 11.329+/-0.055 χ^2/NDF: 9103.7/56

All: 11.461+/-0.039 χ^2/NDF: 20357.4/113

- sign 11.600+/-0.057 χ^2/NDF: 11241.9/56

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: 0.333+/-0.006 χ^2/NDF: 1723.0/33

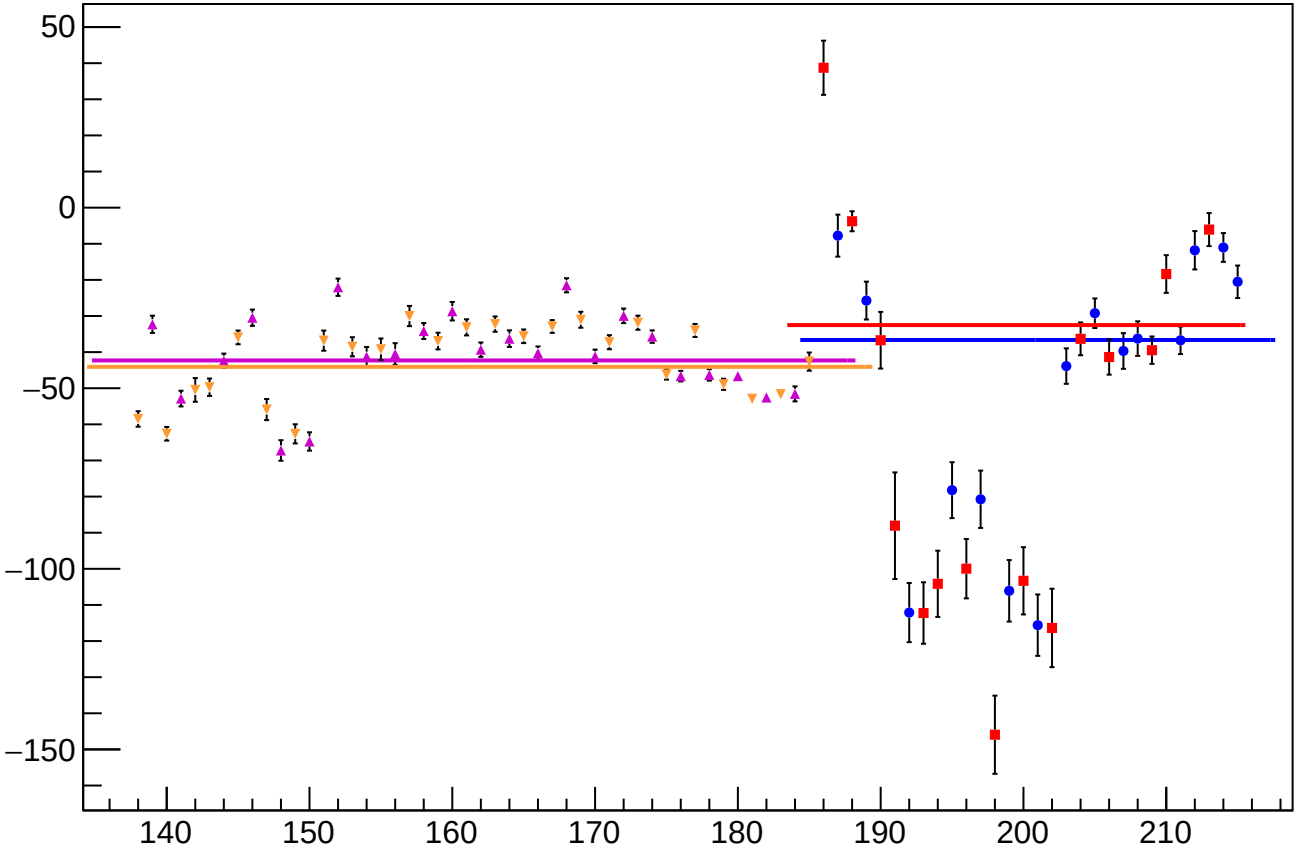
Left In: 0.464+/-0.003 χ^2/NDF:733.1/22

+ sign 0.448+/-0.002 χ^2/NDF: 2011.6/56

All: 0.443+/-0.002 χ^2/NDF: 4920.1/113

- sign 0.438+/-0.002 χ^2/NDF: 2900.0/56

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: -32.513+/-1.438 χ^2/NDF: 704.4/14

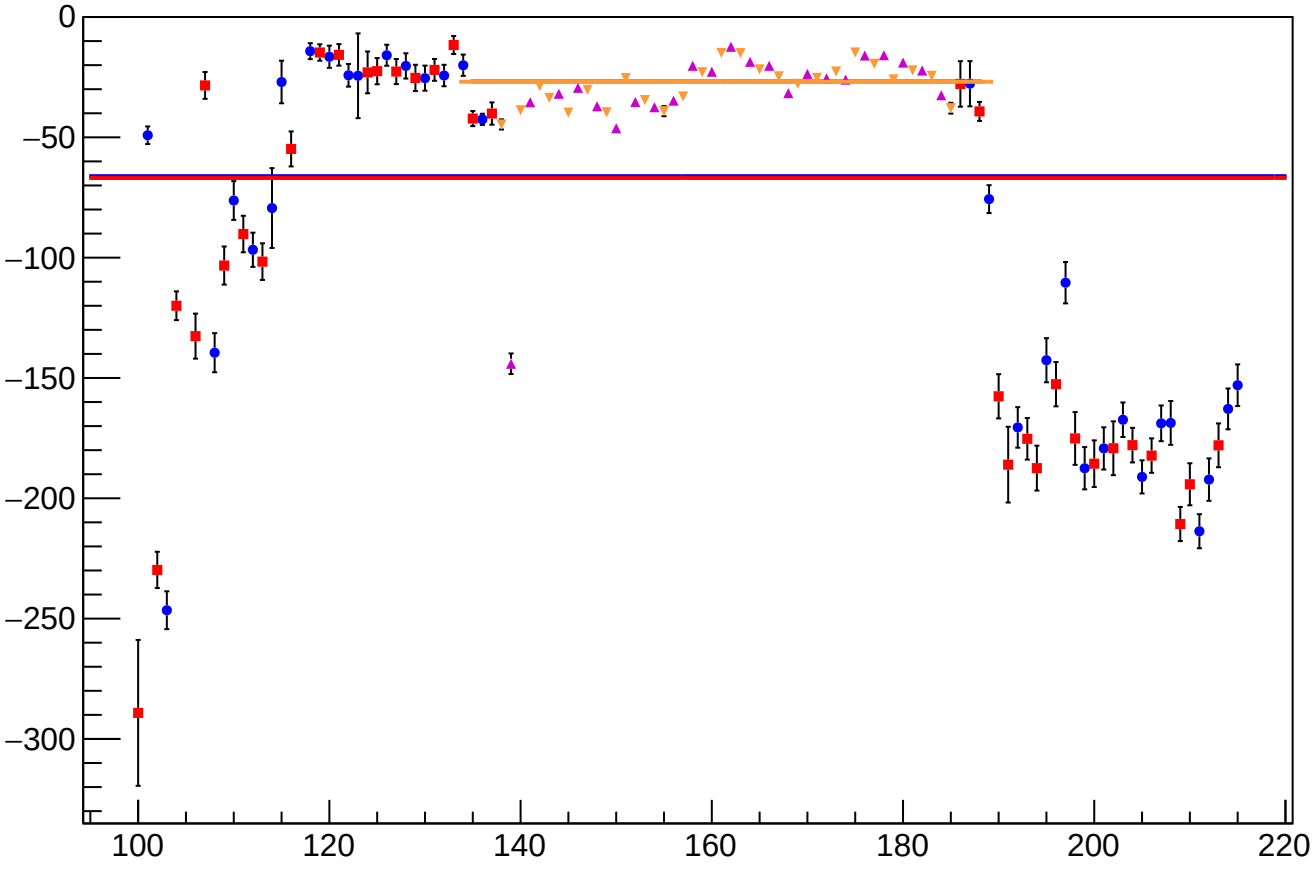
Left In: -42.304+/-0.399 χ^2/NDF:640.6/22

+ sign -43.513+/-0.374 χ^2/NDF: 1068.6/39

All: -42.586+/-0.268 χ^2/NDF: 2469.3/77

- sign -41.604+/-0.385 χ^2/NDF: 1388.0/37

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: -66.884+/-1.043 χ^2/NDF: 3998.5/33

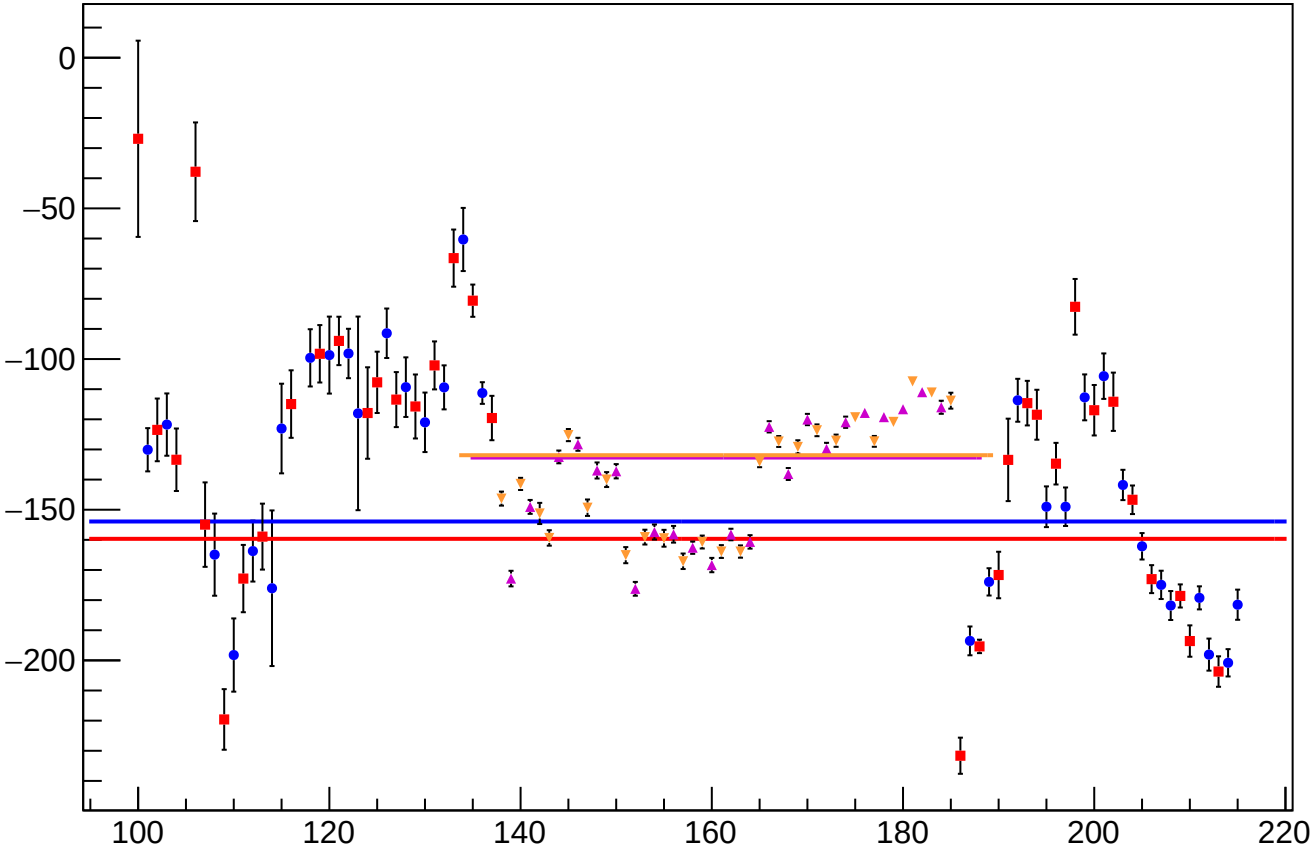
Left In: -26.774+/-0.326 χ^2/NDF:1394.5/22

\+ sign -30.450+/-0.302 χ^2/NDF: 6050.3/56

All: -30.403+/-0.217 χ^2/NDF: 12791.3/113

\- sign -30.352+/-0.311 χ^2/NDF: 6741.0/56

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: -159.664+/-1.132 χ^2/NDF: 1482.3/33

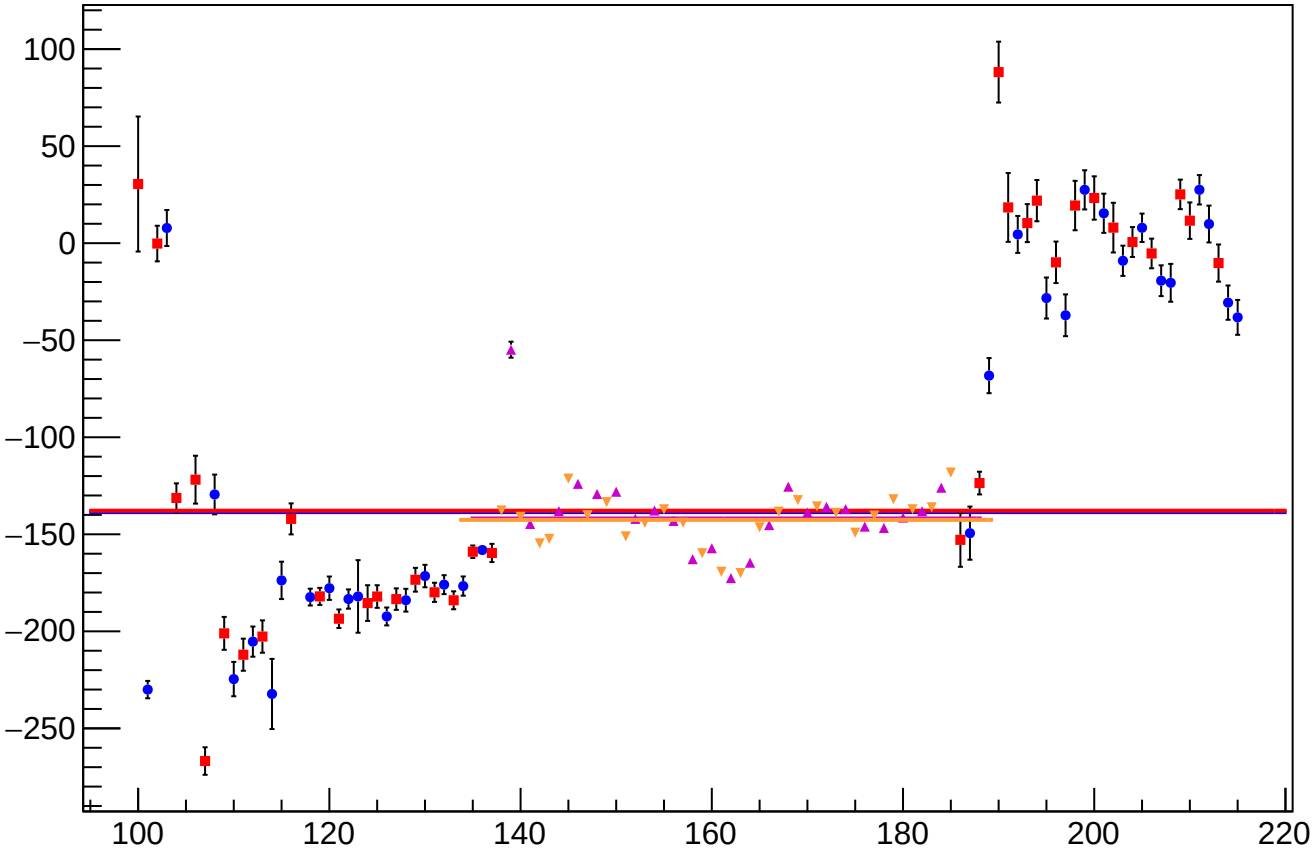
Left In: -132.690+/-0.399 χ^2/NDF:2480.2/22

+ sign -134.304+/-0.370 χ^2/NDF: 3773.7/56

All: -134.978+/-0.264 χ^2/NDF: 8248.2/113

- sign -135.677+/-0.377 χ^2/NDF: 4467.7/56

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: -137.841+/-1.191 χ^2/NDF: 4332.0/33

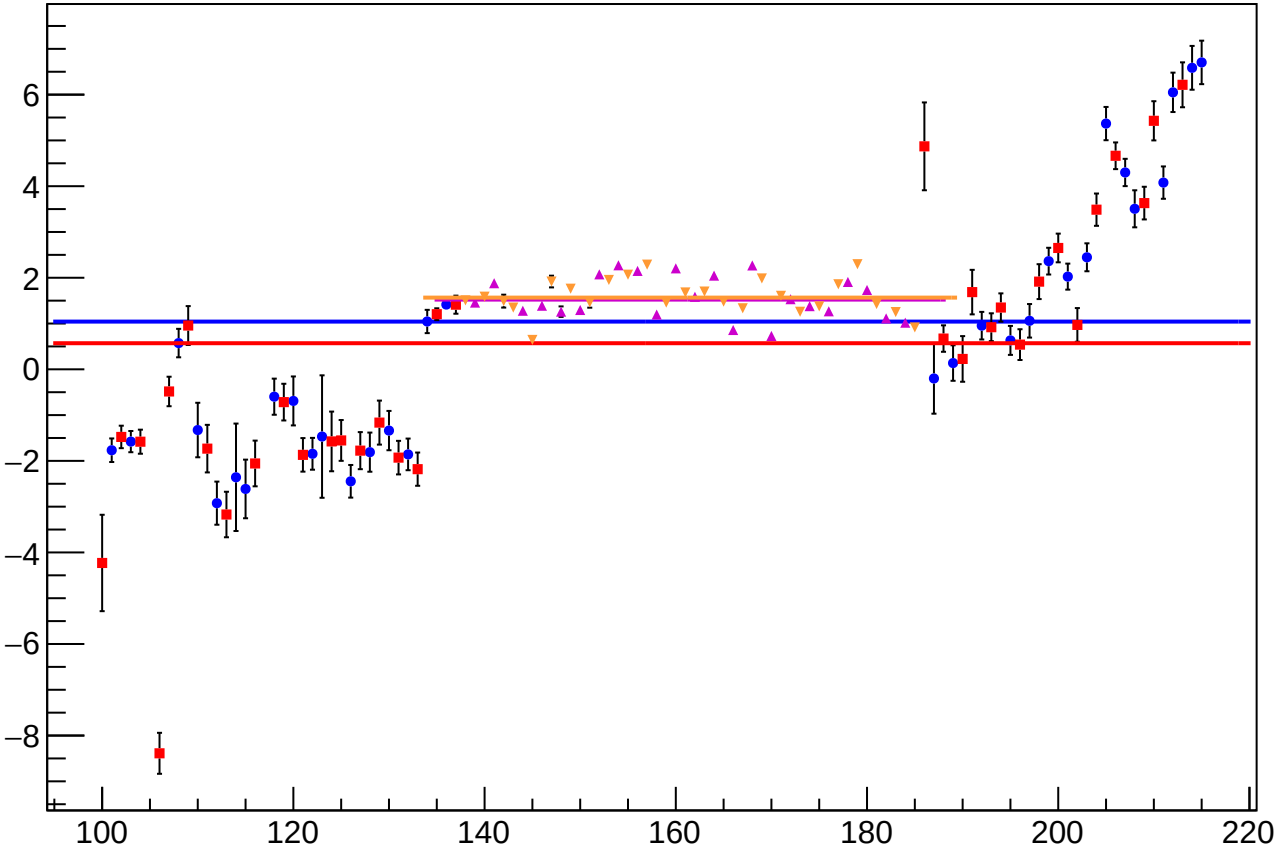
Left In: -141.856+/-0.364 χ^2/NDF:1544.3/22

+ sign -142.203+/-0.338 χ^2/NDF: 5721.8/56

All: -141.869+/-0.242 χ^2/NDF: 11610.5/113

- sign -141.514+/-0.348 χ^2/NDF: 5886.7/56

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: 0.570+/-0.057 χ^2/NDF: 1646.1/33

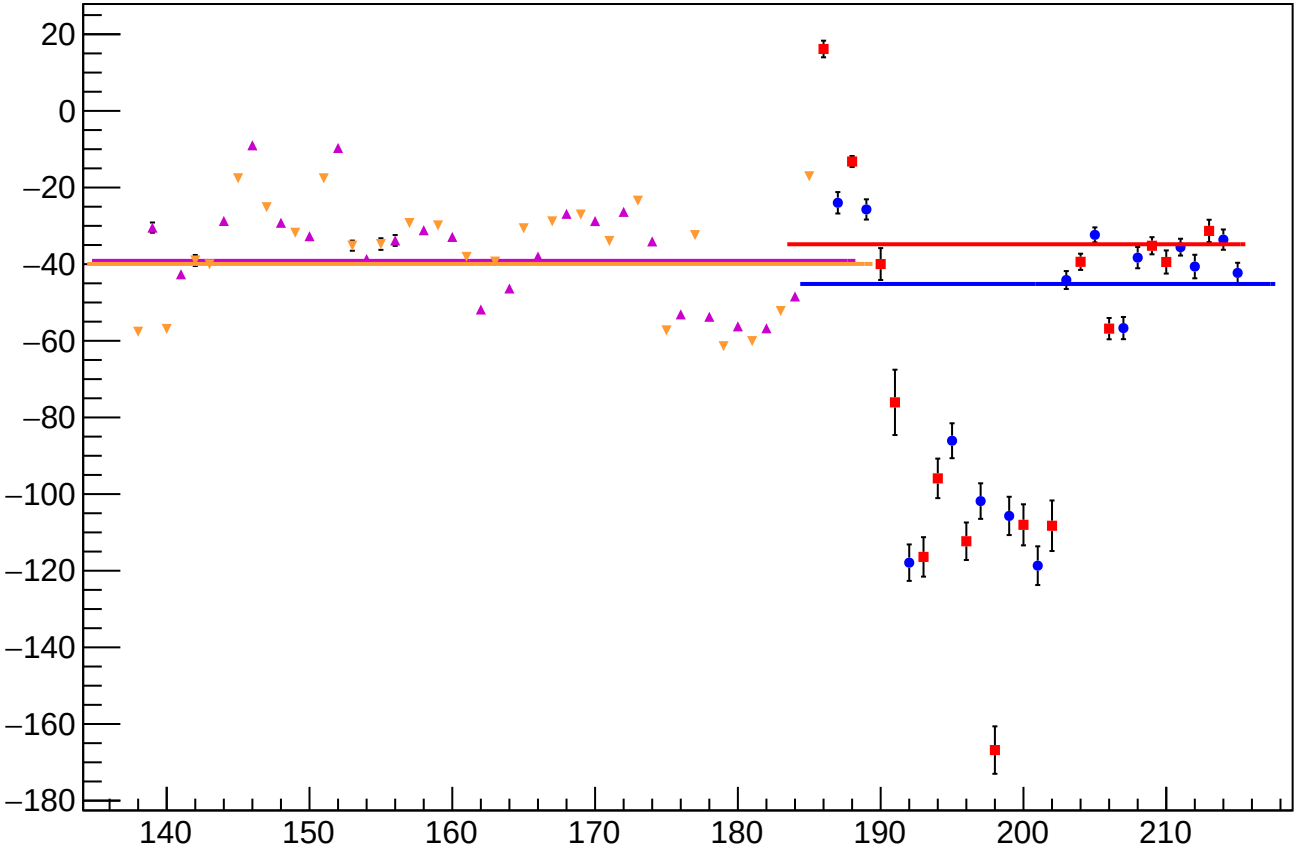
Left In: 1.523+/-0.017 χ^2/NDF:738.5/22

+ sign 1.523+/-0.016 χ^2/NDF: 2209.3/56

All: 1.487+/-0.011 χ^2/NDF: 4864.2/113

- sign 1.449+/-0.016 χ^2/NDF: 2643.6/56

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: -34.803+/-0.756 χ^2/NDF: 2279.4/14

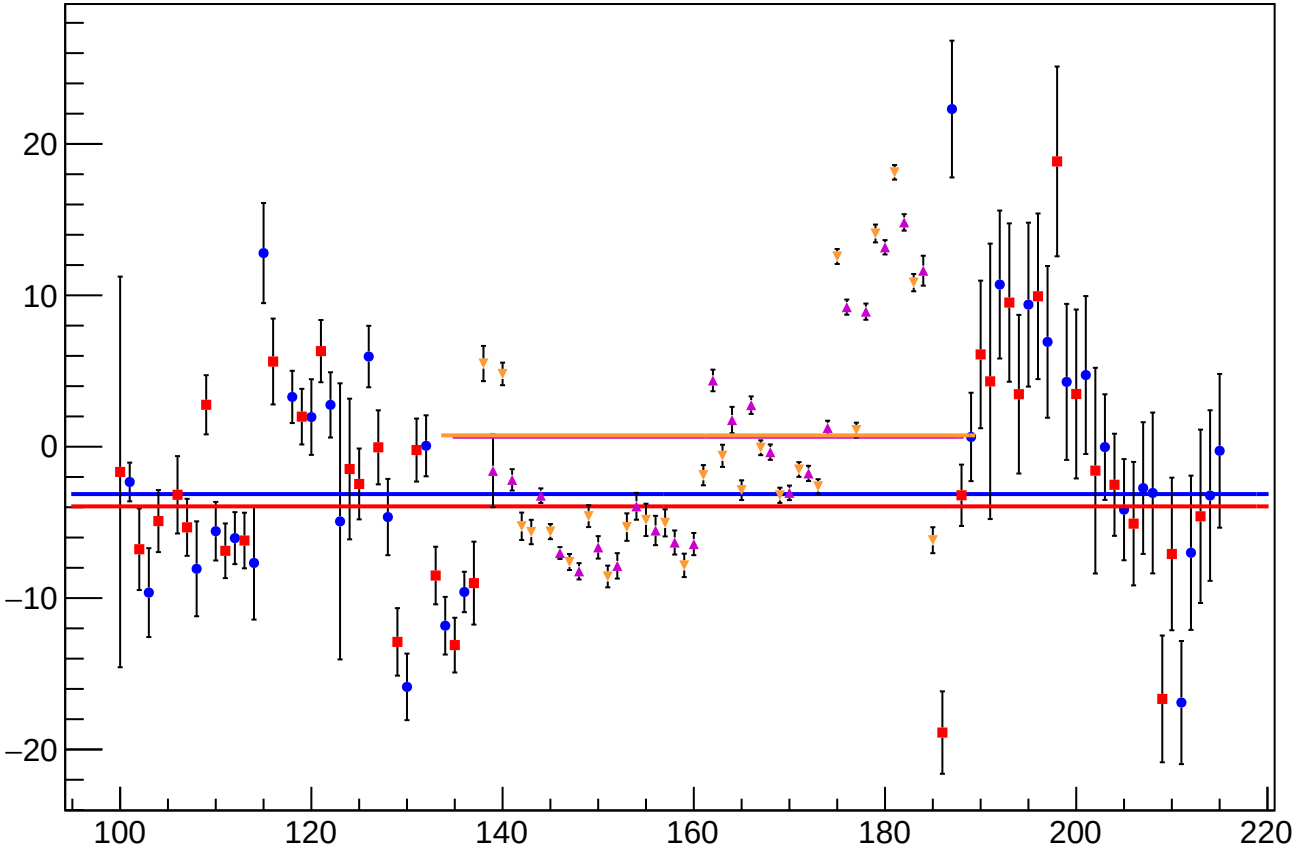
Left In: -39.137+/-0.155 χ^2/NDF:8534.5/22

+ sign -40.145+/-0.150 χ^2/NDF: 10894.3/39

All: -39.560+/-0.107 χ^2/NDF: 21770.4/77

- sign -38.963+/-0.152 χ^2/NDF: 10845.4/37

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: -3.941+/-0.458 χ^2/NDF: 197.4/33

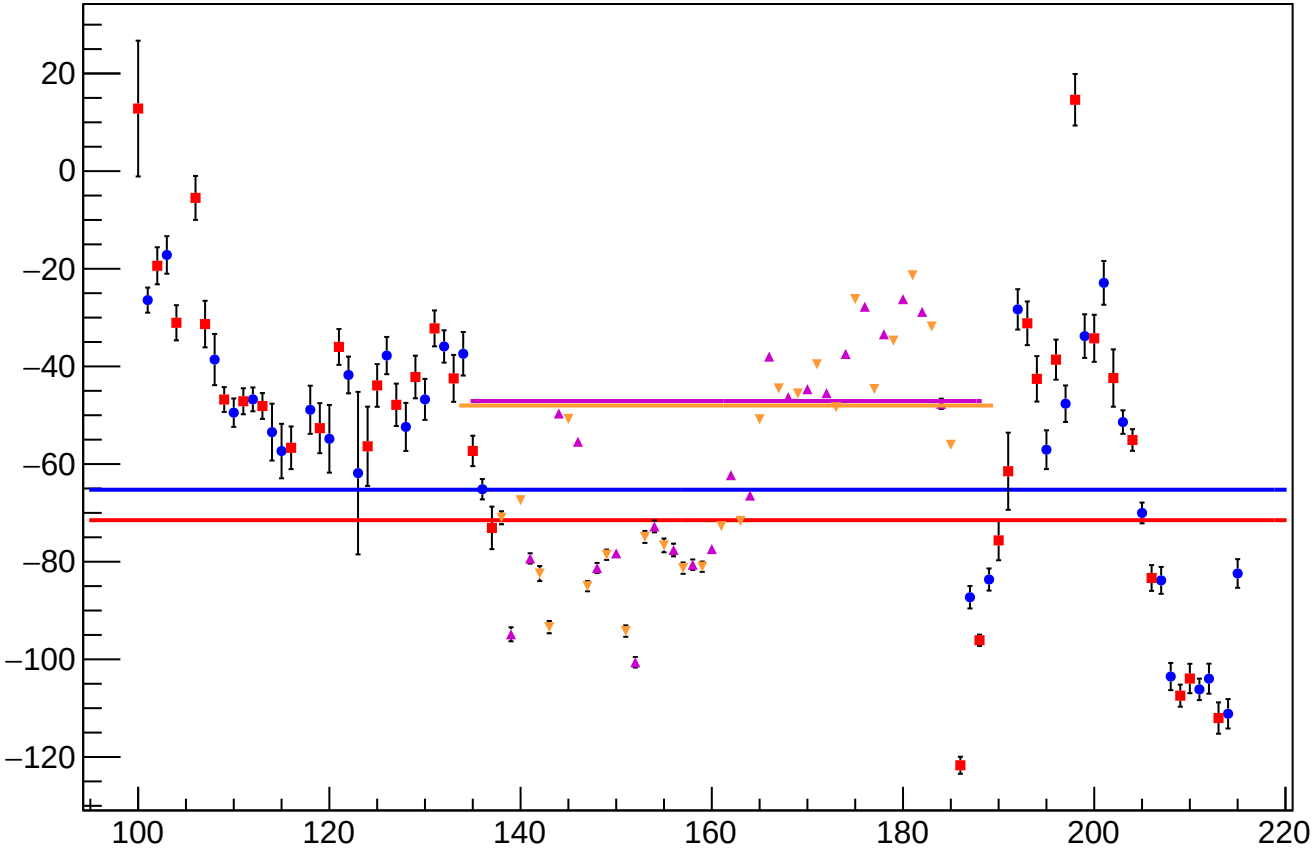
Left In: 0.660+/-0.124 χ^2/NDF:3337.8/22

+ sign 0.482+/-0.120 χ^2/NDF: 4269.6/56

All: 0.413+/-0.085 χ^2/NDF: 7899.6/113

- sign 0.344+/-0.120 χ^2/NDF: 3629.4/56

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: -71.498+/-0.538 χ^2/NDF: 3719.0/33

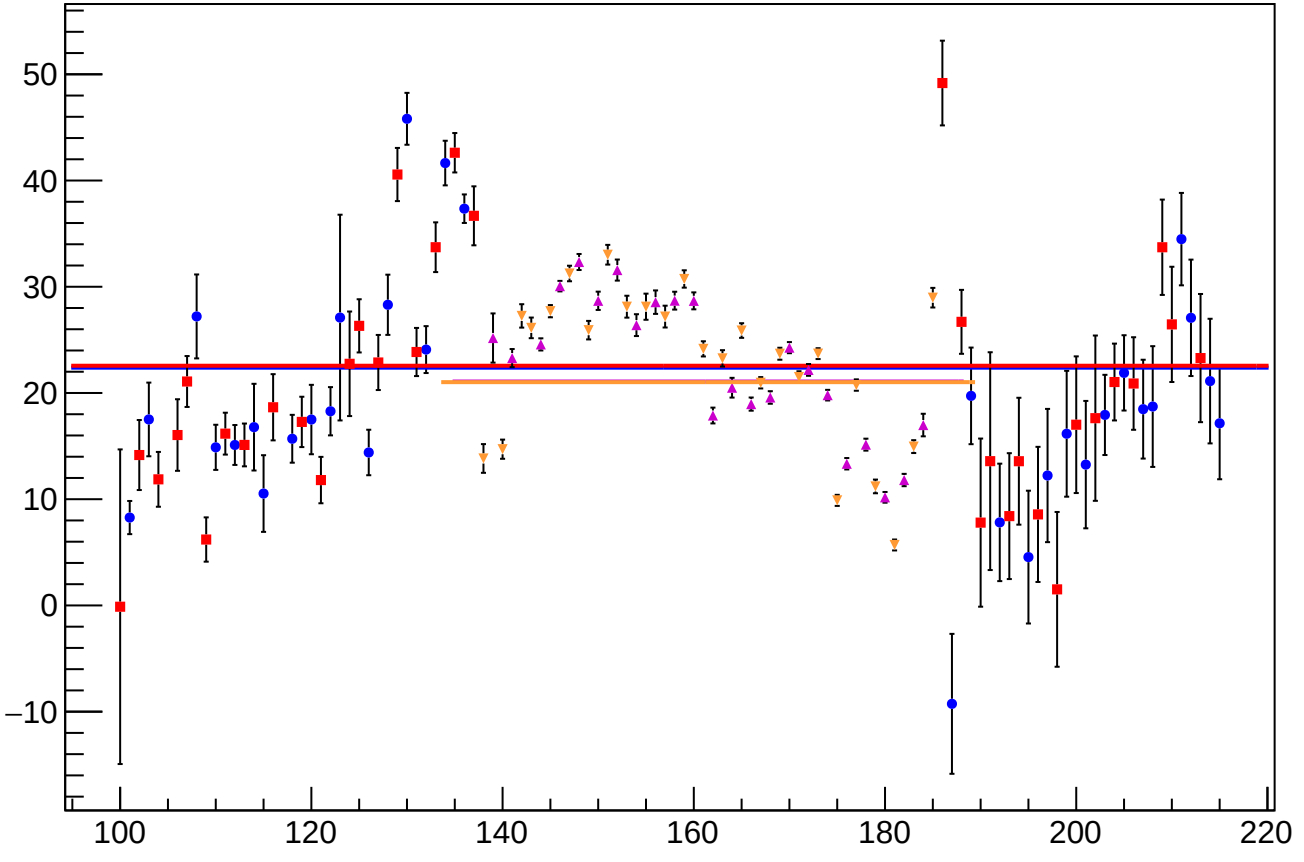
Left In: -47.085+/-0.155 χ^2/NDF:15515.2/22

+ sign -49.216+/-0.149 χ^2/NDF: 20018.4/56

All: -49.090+/-0.106 χ^2/NDF: 41154.8/113

- sign -48.964+/-0.149 χ^2/NDF: 21135.0/56

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: 22.565+/-0.526 χ^2/NDF: 446.5/33

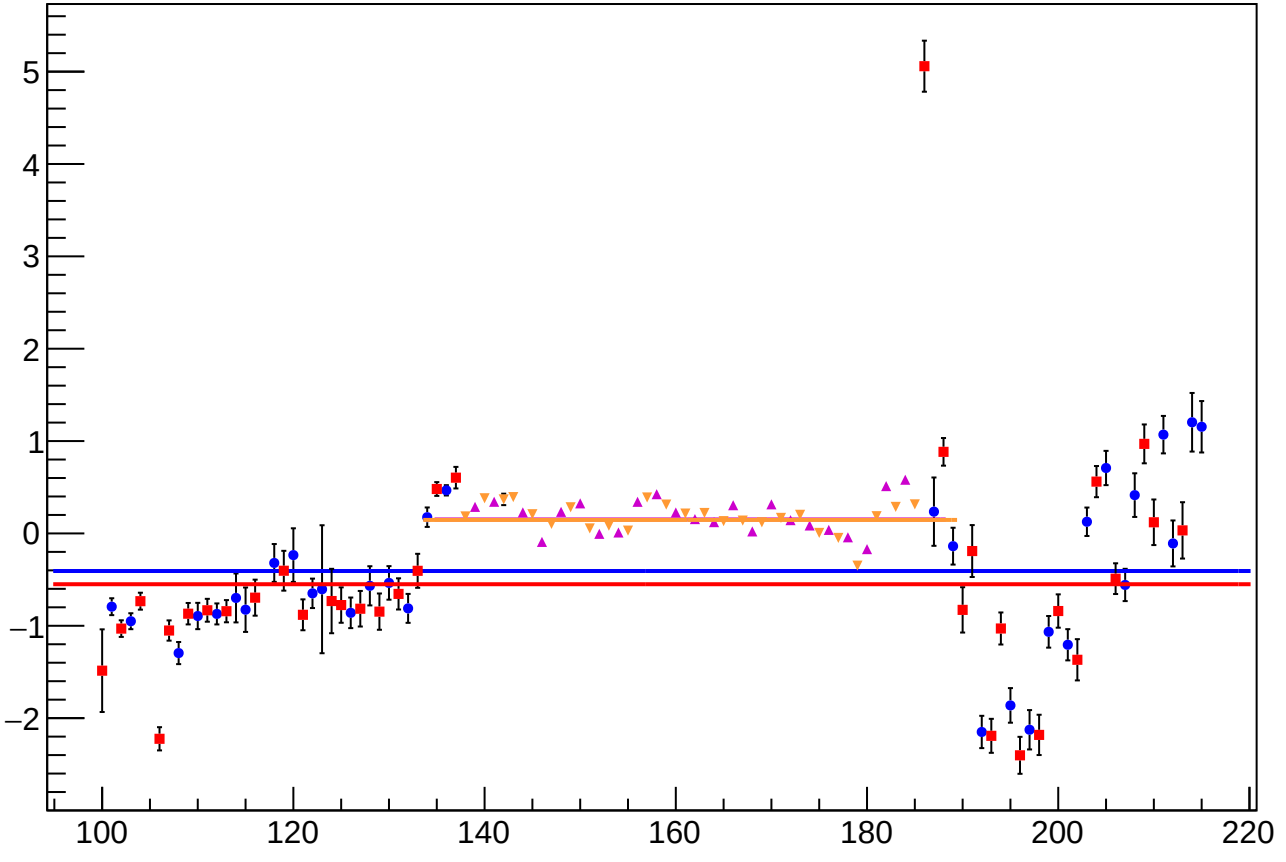
Left In: 21.079+/-0.140 χ^2/NDF:2173.2/22

+ sign 21.113+/-0.134 χ^2/NDF: 3321.4/56

All: 21.144+/-0.095 χ^2/NDF: 5948.7/113

- sign 21.177+/-0.135 χ^2/NDF: 2627.2/56

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: -0.550+/-0.026 χ^2/NDF: 1412.5/33

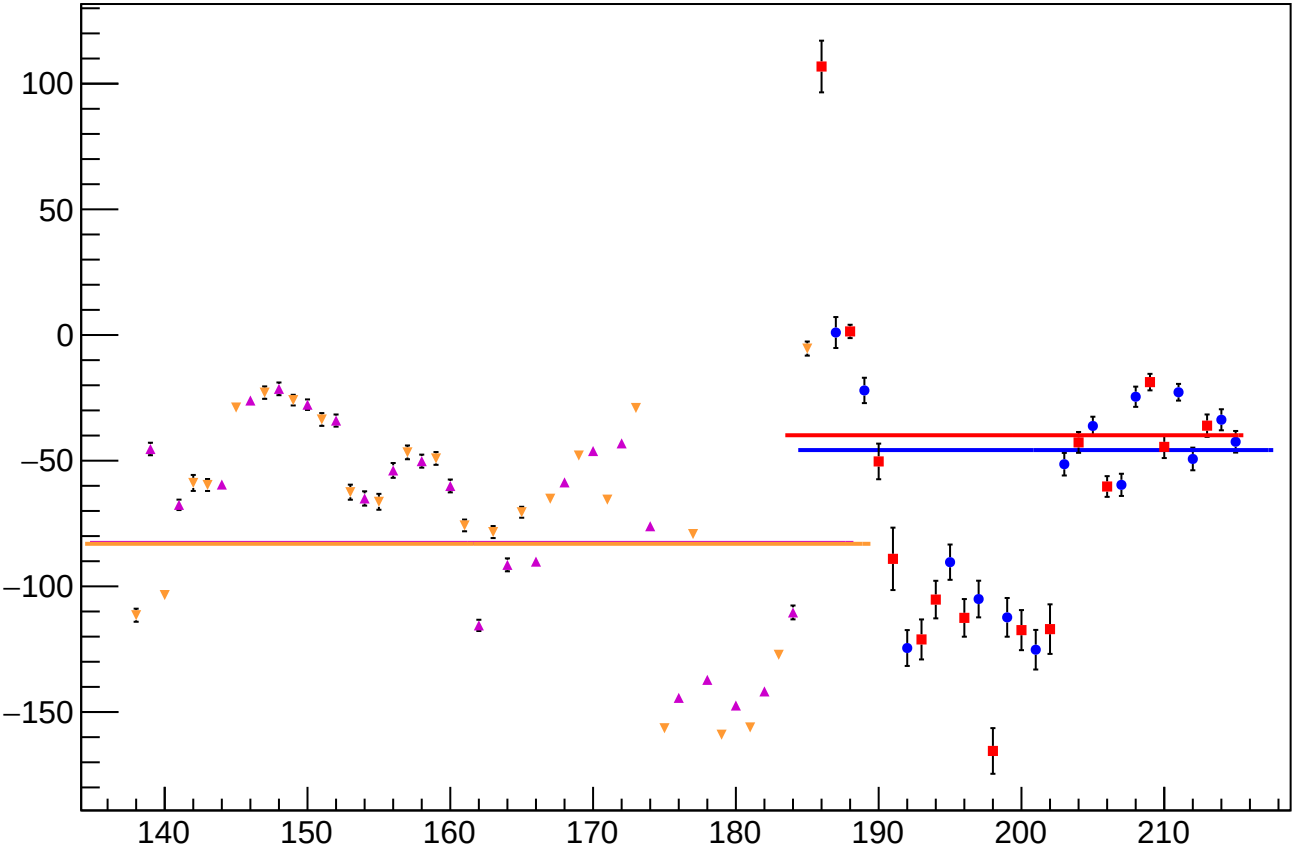
Left In: 0.151+/-0.006 χ^2/NDF:869.5/22

+ sign 0.115+/-0.006 χ^2/NDF: 1912.8/56

All: 0.114+/-0.004 χ^2/NDF: 4872.6/113

- sign 0.112+/-0.006 χ^2/NDF: 2959.6/56

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: -39.880+/-1.315 χ^2/NDF: 1153.7/14

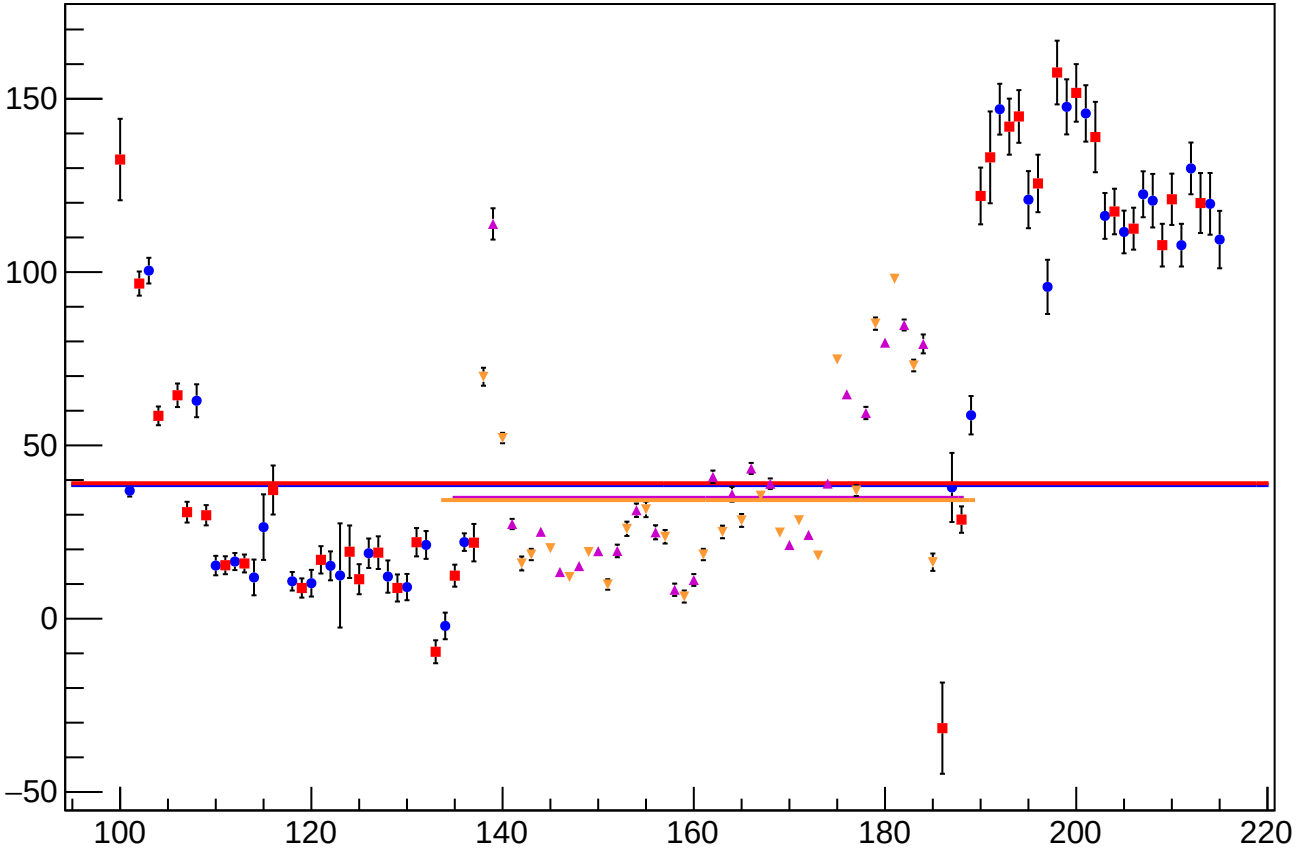
Left In: -82.711+/-0.415 χ^2/NDF:10841.4/22

\+ sign -79.481+/-0.386 χ^2/NDF: 15215.0/39

All: -79.163+/-0.276 χ^2/NDF: 28176.6/77

\- sign -78.828+/-0.396 χ^2/NDF: 12960.2/37

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: 39.082+/-0.744 χ^2/NDF: 2939.6/33

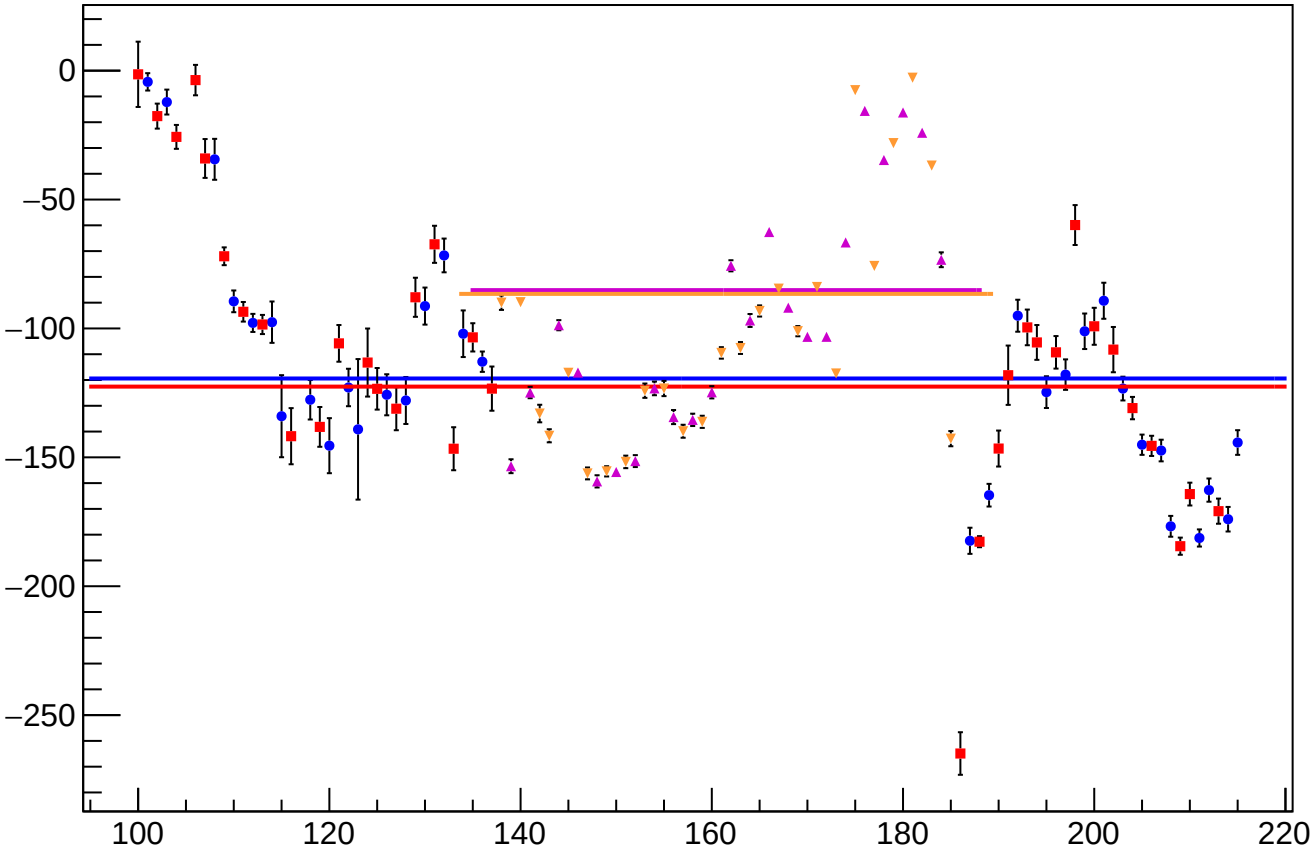
Left In: 34.870+/-0.329 χ^2/NDF:4716.1/22

+ sign 34.898+/-0.294 χ^2/NDF: 8918.3/56

All: 35.221+/-0.210 χ^2/NDF: 16603.3/113

- sign 35.560+/-0.301 χ^2/NDF: 7682.6/56

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: -122.562+/-0.904 χ^2/NDF: 3737.9/33

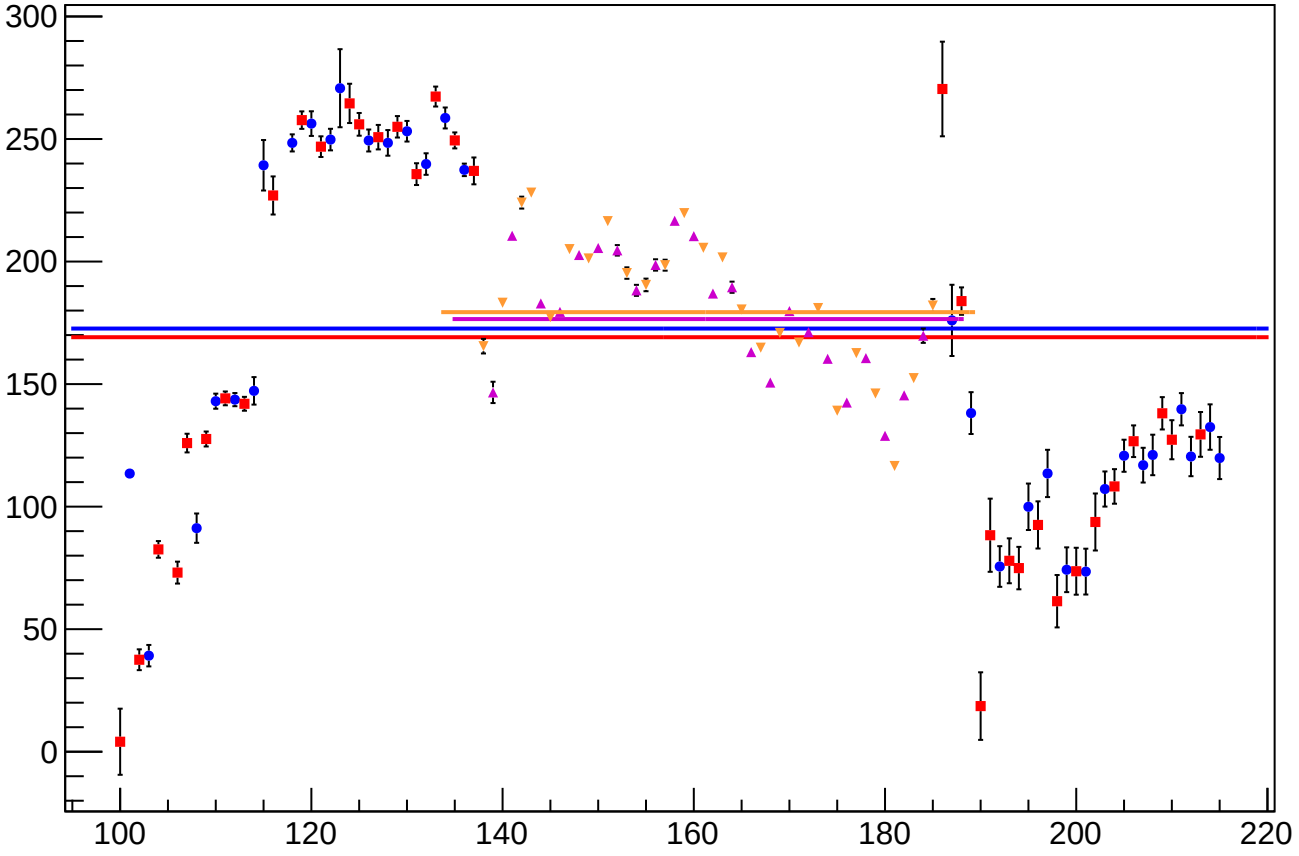
Left In: -85.134+/-0.415 χ^2/NDF:12841.3/22

+ sign -91.943+/-0.374 χ^2/NDF: 18709.6/56

All: -91.800+/-0.265 χ^2/NDF: 36705.7/113

- sign -91.653+/-0.377 χ^2/NDF: 17995.8/56

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: 169.130+/-0.854 χ^2/NDF: 7318.8/33

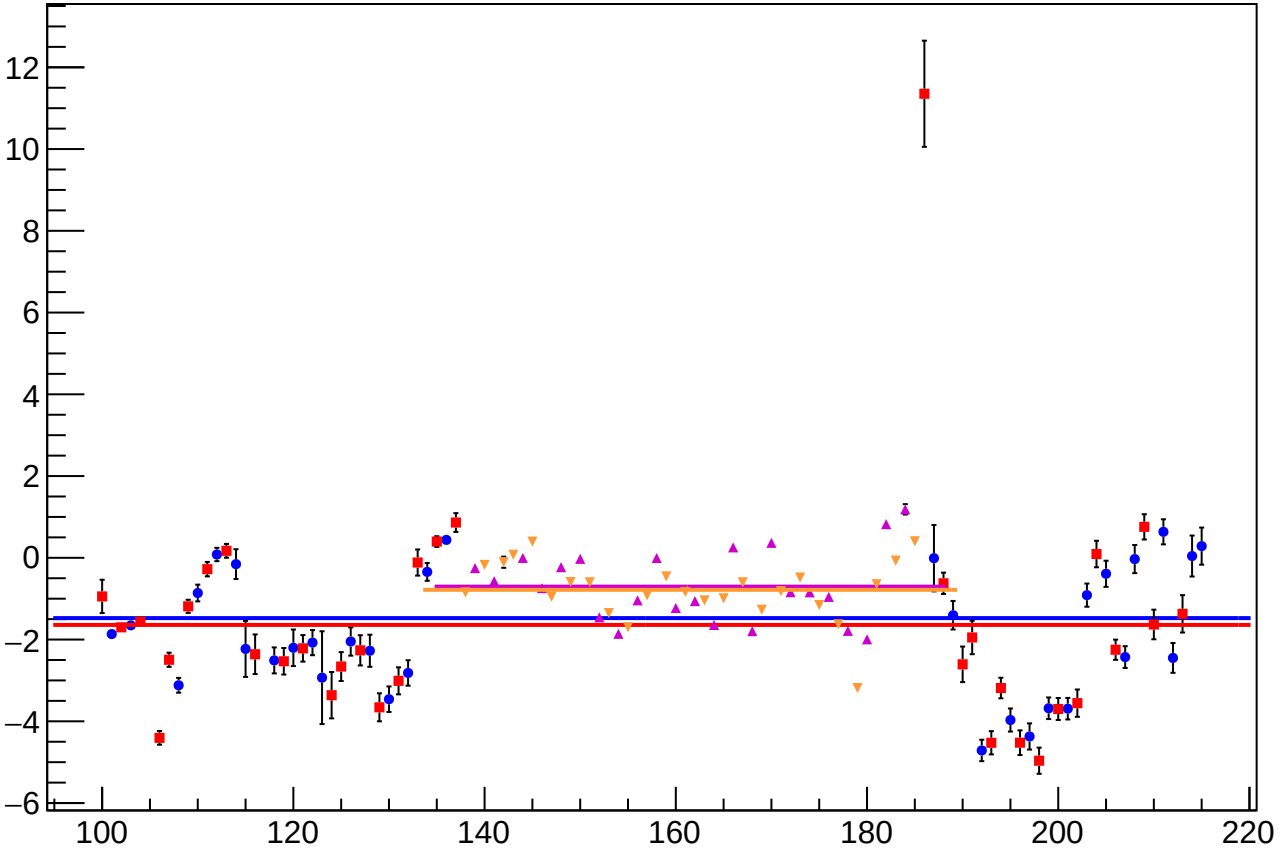
Left In: 176.531+/-0.371 χ^2/NDF:4426.0/22

+ sign 178.322+/-0.333 χ^2/NDF: 12340.1/56

All: 176.873+/-0.238 χ^2/NDF: 24186.9/113

- sign 175.357+/-0.340 χ^2/NDF: 11808.0/56

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: -1.642+/-0.040 χ^2/NDF: 1596.5/33

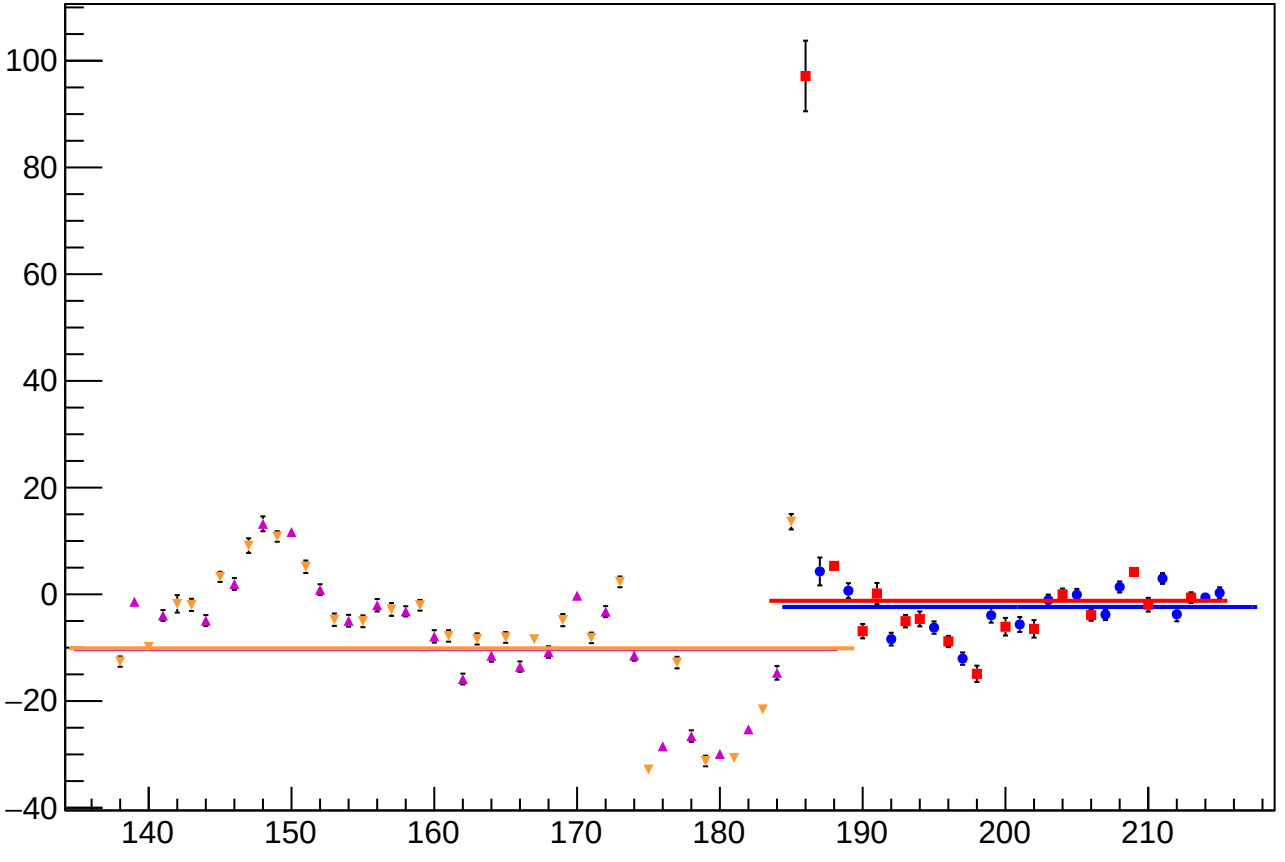
Left In: -0.705+/-0.017 χ^2/NDF:2407.7/22

+ sign -0.878+/-0.015 χ^2/NDF: 3244.3/56

All: -0.863+/-0.011 χ^2/NDF: 7714.8/113

- sign -0.847+/-0.016 χ^2/NDF: 4468.3/56

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: -1.210+/-0.298 χ^2/NDF: 558.5/14

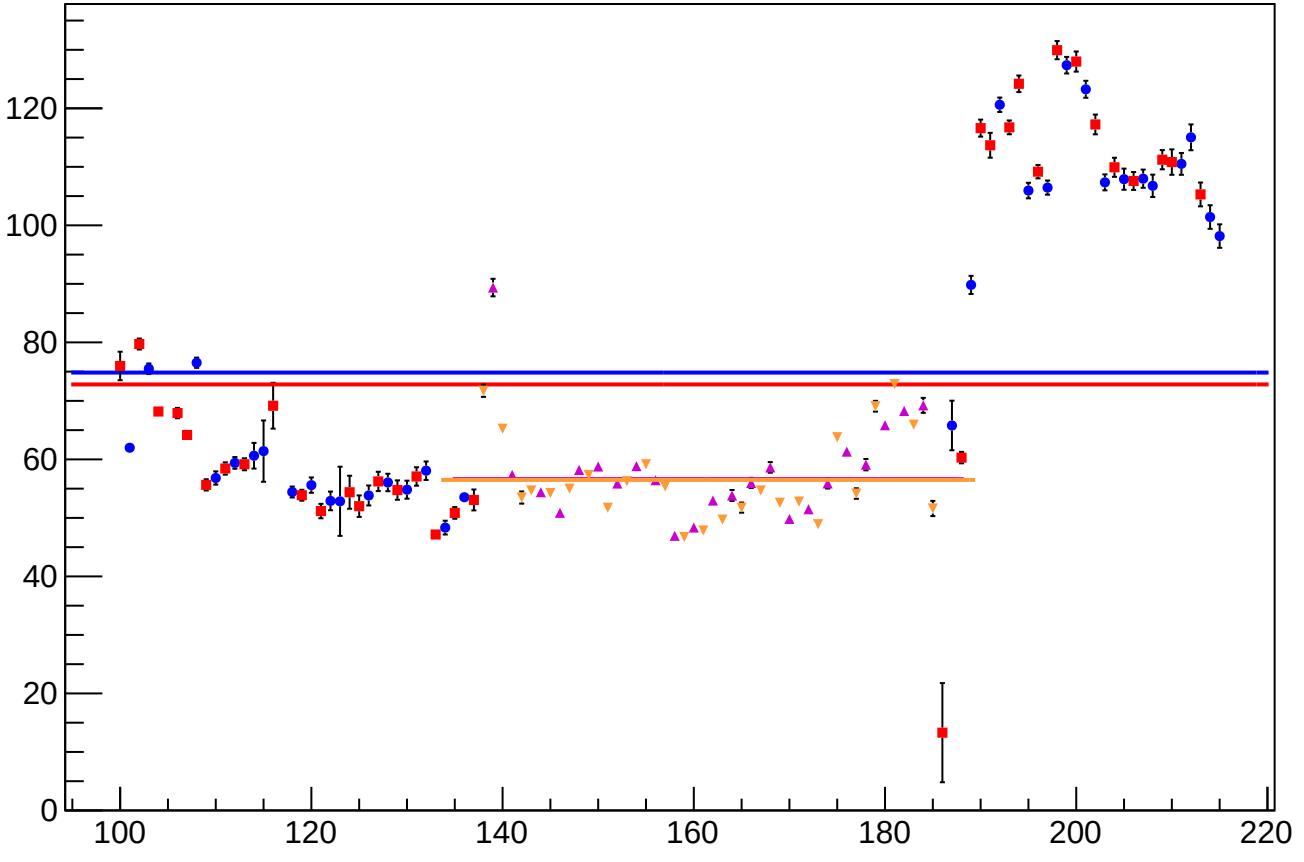
Left In: -10.290+/-0.205 χ^2/NDF:3451.0/22

+ sign -7.718+/-0.167 χ^2/NDF: 4779.3/39

All: -7.546+/-0.119 χ^2/NDF: 9419.2/77

- sign -7.370+/-0.169 χ^2/NDF: 4637.8/37

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: 72.809+/-0.210 χ^2/NDF: 14654.2/33

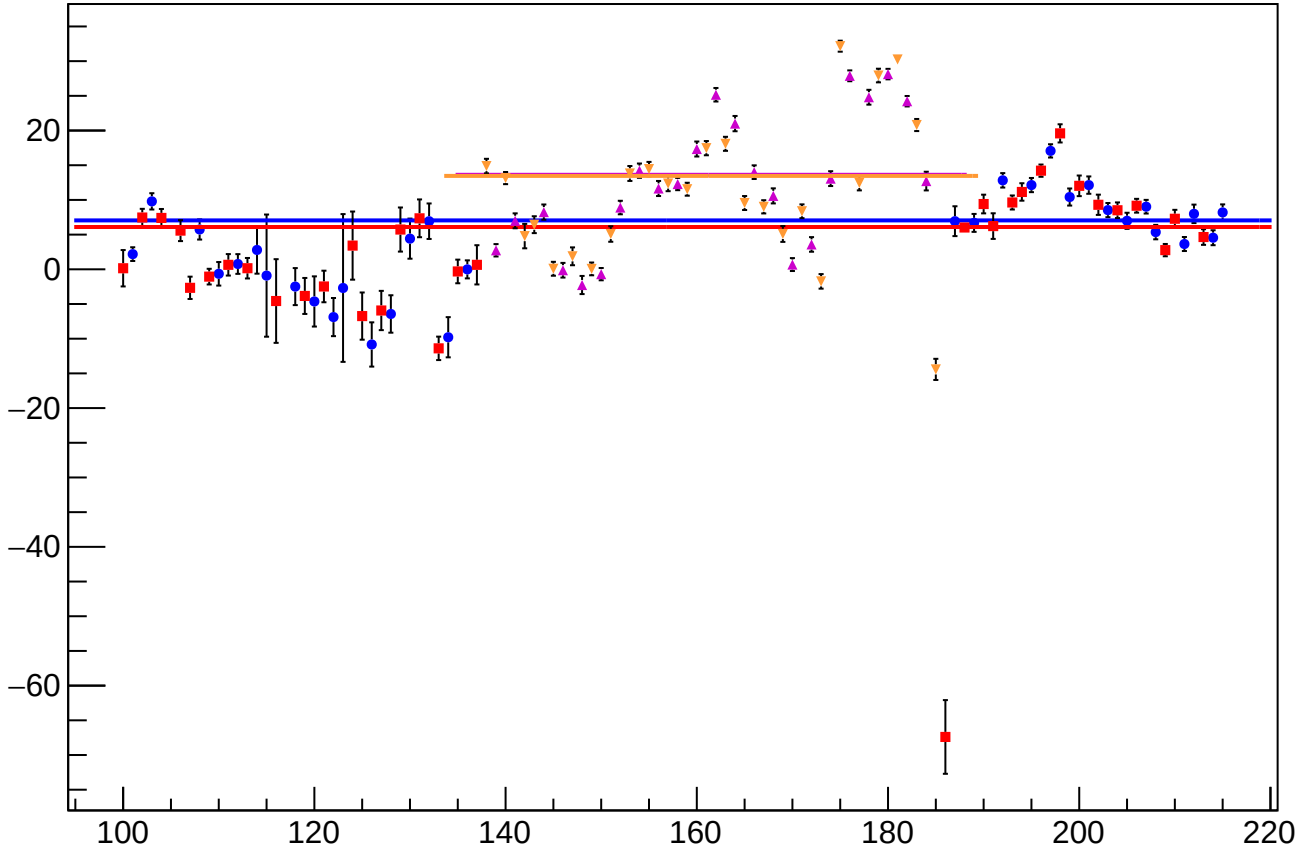
Left In: 56.635+/-0.165 χ^2/NDF:1607.9/22

+ sign 62.708+/-0.129 χ^2/NDF: 18155.1/56

All: 62.767+/-0.092 χ^2/NDF: 38089.5/113

- sign 62.825+/-0.130 χ^2/NDF: 19934.0/56

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: 6.096+/-0.230 χ^2/NDF: 763.8/33

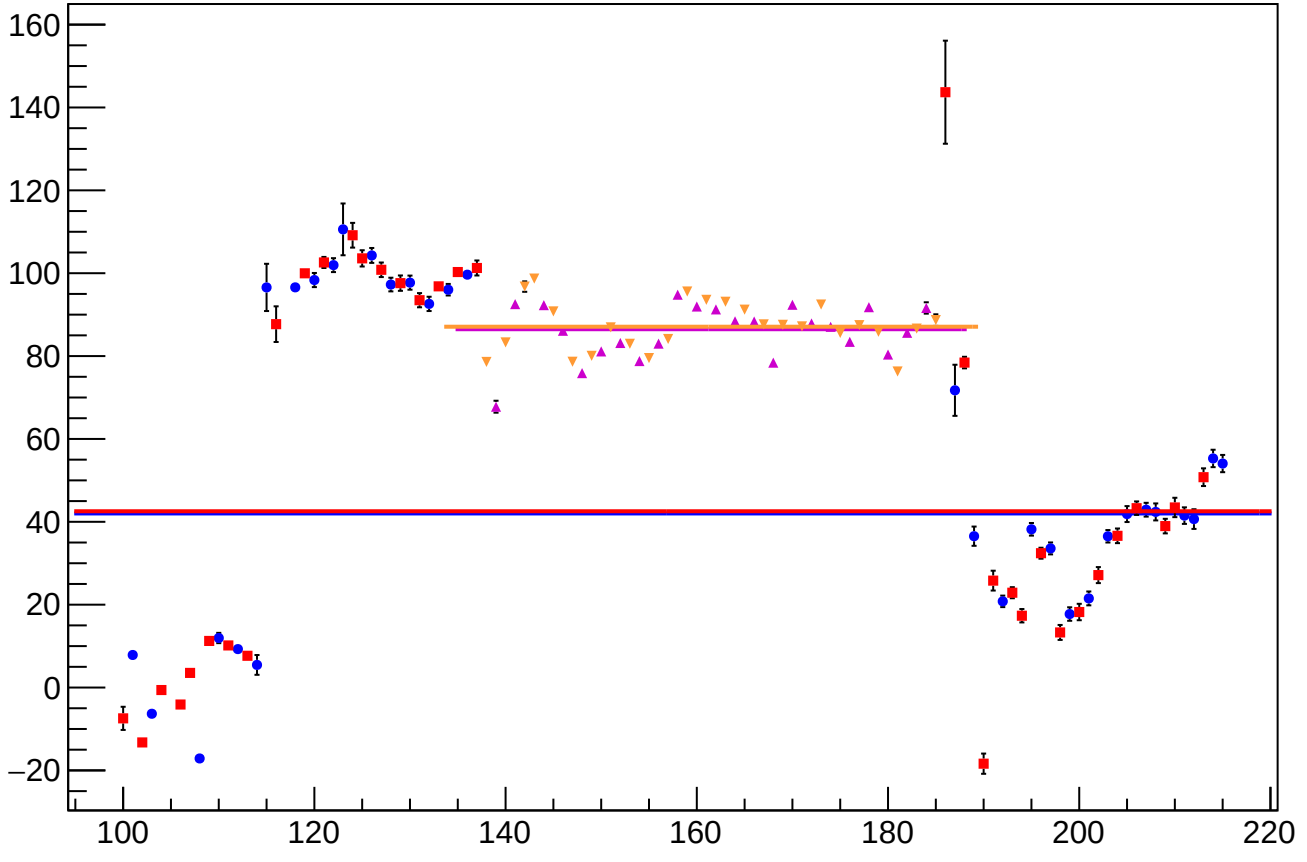
Left In: 13.620+/-0.204 χ^2/NDF:2315.4/22

+ sign 10.877+/-0.156 χ^2/NDF: 3604.2/56

All: 10.578+/-0.109 χ^2/NDF: 7289.7/113

- sign 10.291+/-0.153 χ^2/NDF: 3678.3/56

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: 42.547+/-0.246 χ^2/NDF: 30776.2/33

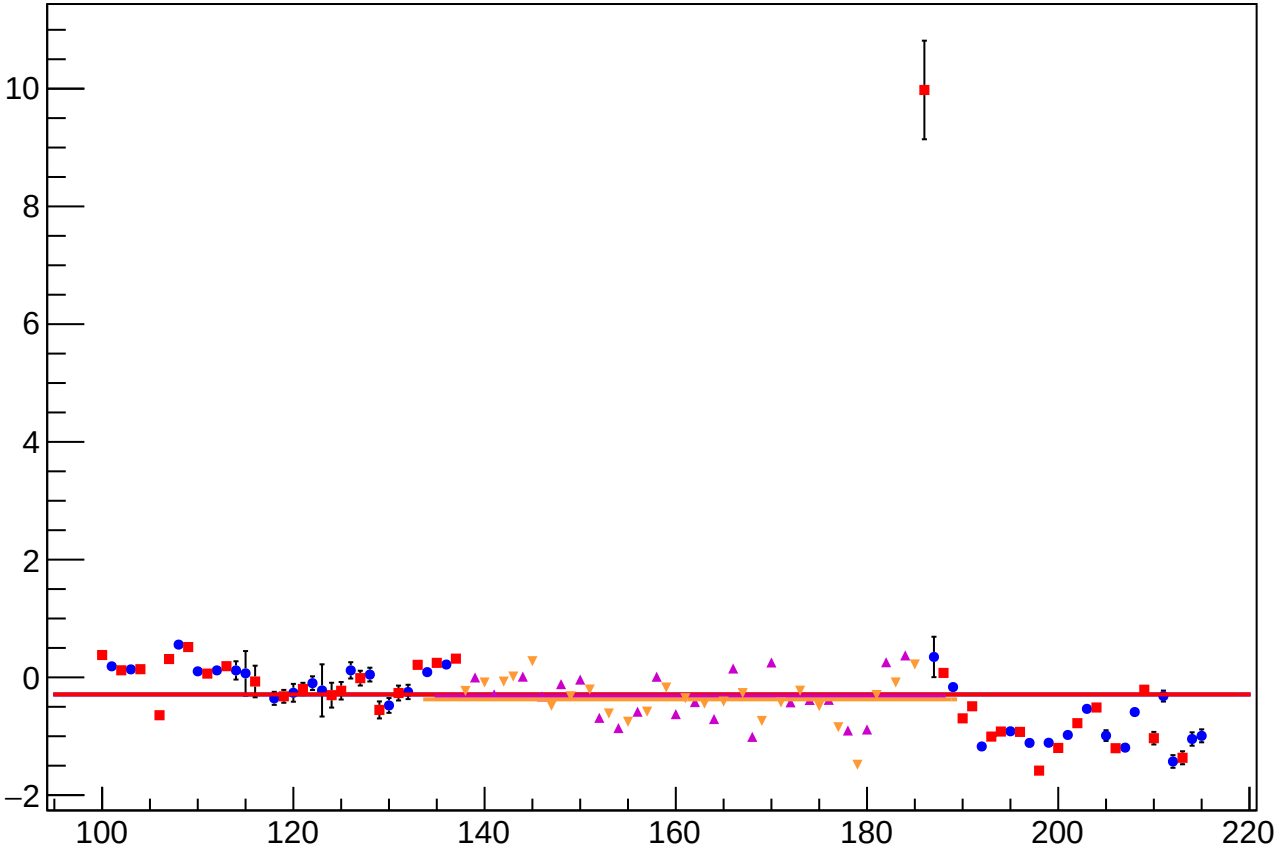
Left In: 86.482+/-0.185 χ^2/NDF:1003.2/22

+ sign 72.236+/-0.147 χ^2/NDF: 47503.3/56

All: 71.446+/-0.104 χ^2/NDF: 99757.8/113

- sign 70.644+/-0.148 χ^2/NDF: 52196.0/56

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: -0.290+/-0.010 χ^2/NDF: 3703.8/33

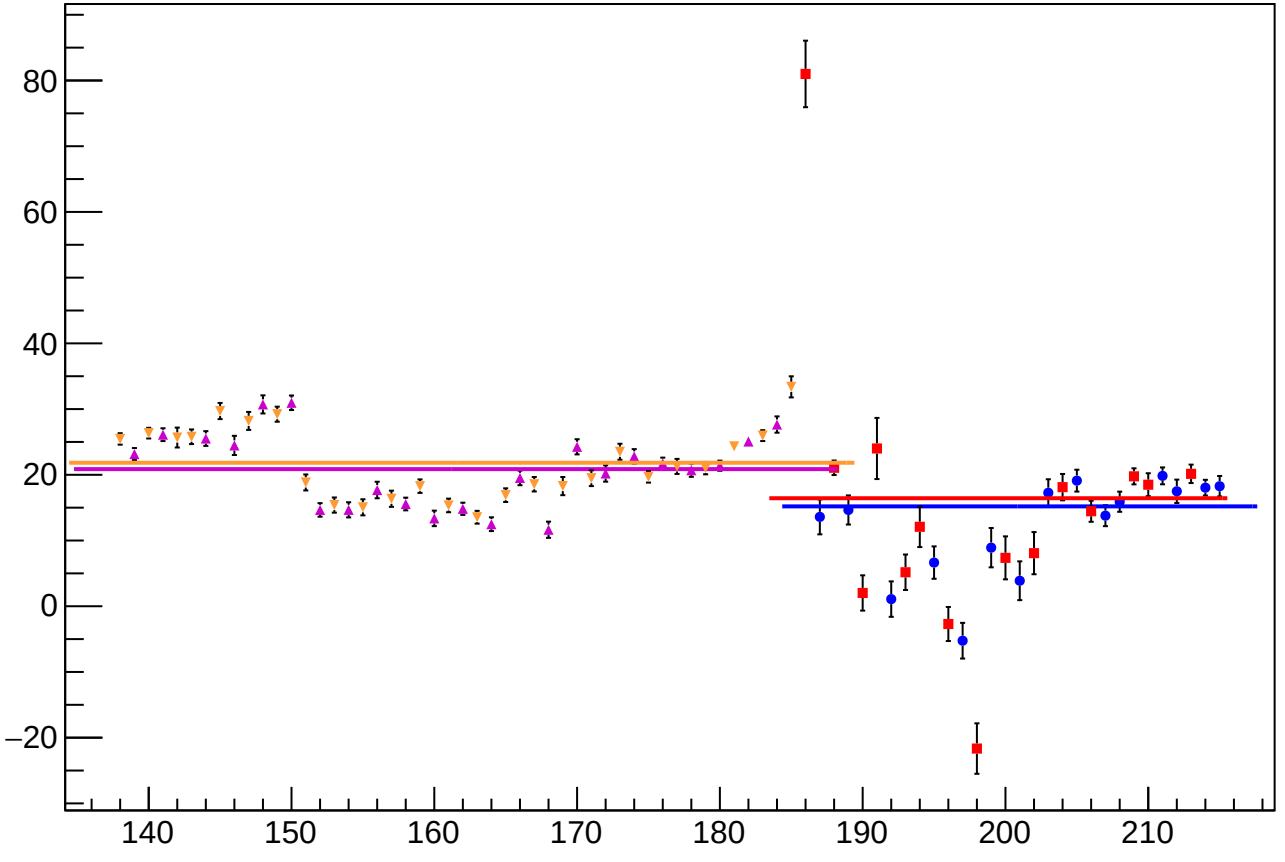
Left In: -0.325+/-0.008 χ^2/NDF:2284.1/22

+ sign -0.343+/-0.006 χ^2/NDF: 5102.7/56

All: -0.327+/-0.005 χ^2/NDF: 11110.6/113

- sign -0.311+/-0.006 χ^2/NDF: 5995.5/56

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: 16.435+/-0.511 χ^2/NDF: 416.6/14

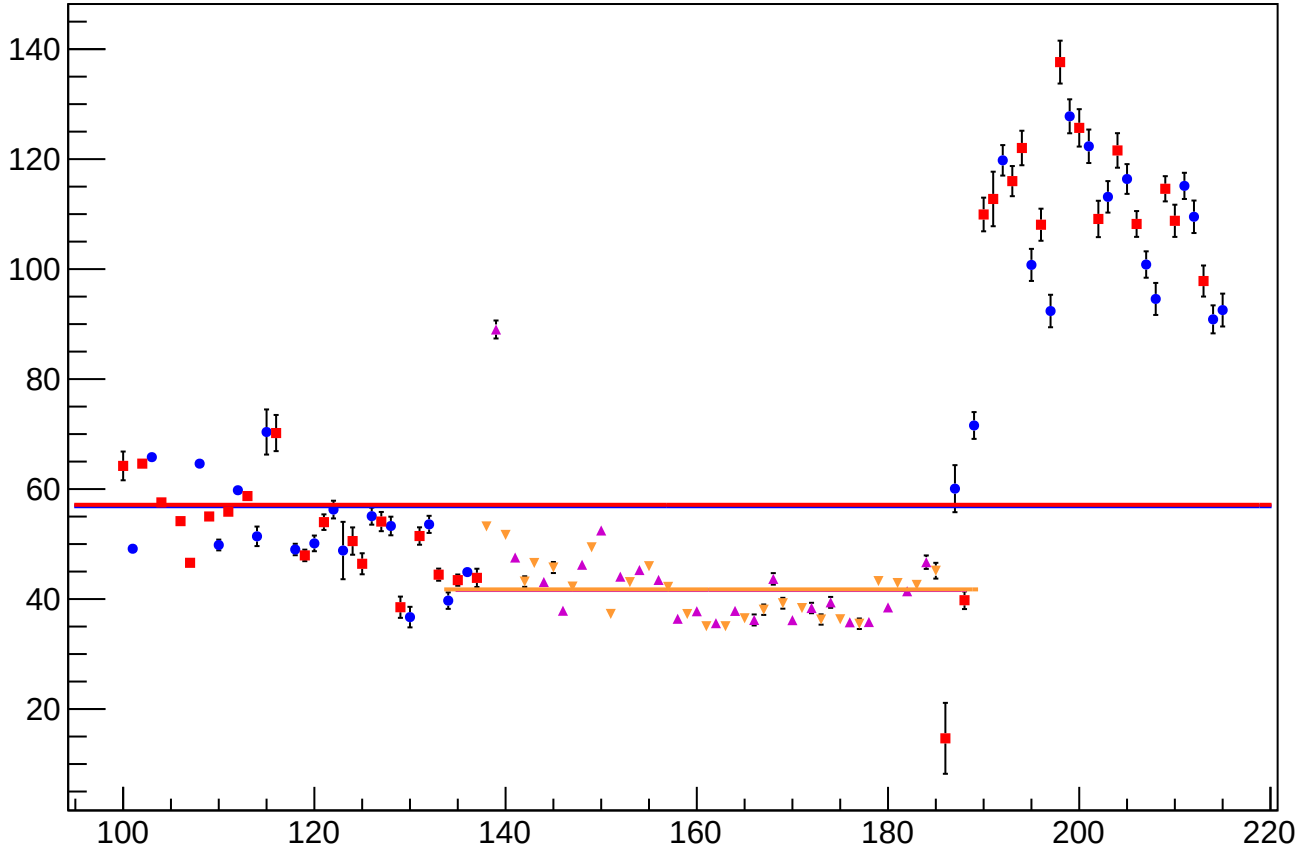
Left In: 20.866+/-0.217 χ^2/NDF:576.9/22

\+ sign 20.746+/-0.192 χ^2/NDF: 836.3/39

All: 20.479+/-0.138 χ^2/NDF: 1897.6/77

\- sign 20.190+/-0.199 χ^2/NDF: 1057.3/37

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: 57.144+/-0.217 χ^2/NDF: 6059.5/33

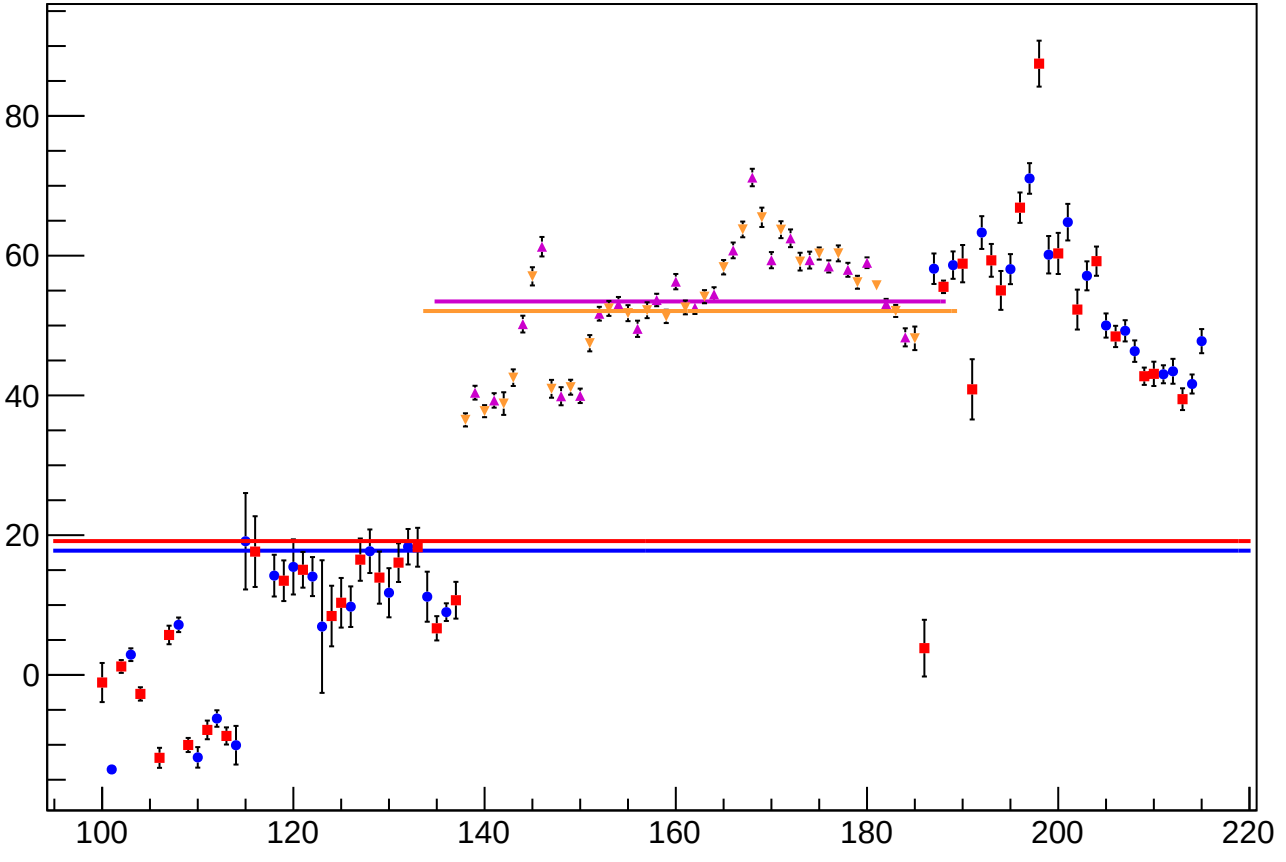
Left In: 41.643+/-0.174 χ^2/NDF:1611.0/22

+ sign 47.801+/-0.128 χ^2/NDF: 10417.0/56

All: 47.759+/-0.093 χ^2/NDF: 21202.9/113

- sign 47.712+/-0.136 χ^2/NDF: 10785.7/56

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: 19.153+/-0.296 χ^2/NDF: 8458.0/33

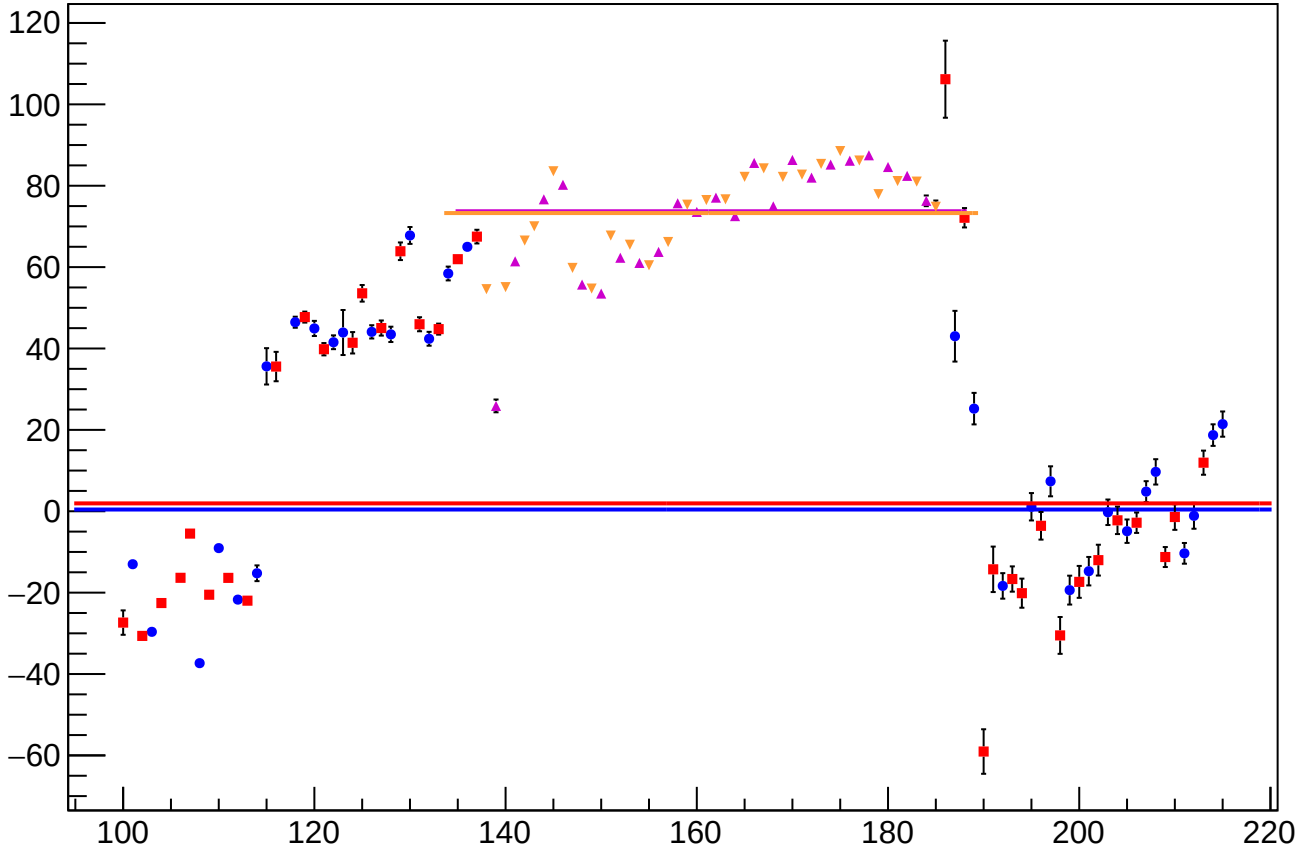
Left In: 53.447+/-0.215 χ^2/NDF:1169.0/22

+ sign 40.144+/-0.170 χ^2/NDF: 19975.8/56

All: 40.832+/-0.121 χ^2/NDF: 38428.5/113

- sign 41.558+/-0.174 χ^2/NDF: 18418.8/56

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: 1.935+/-0.255 χ^2/NDF: 16746.8/33

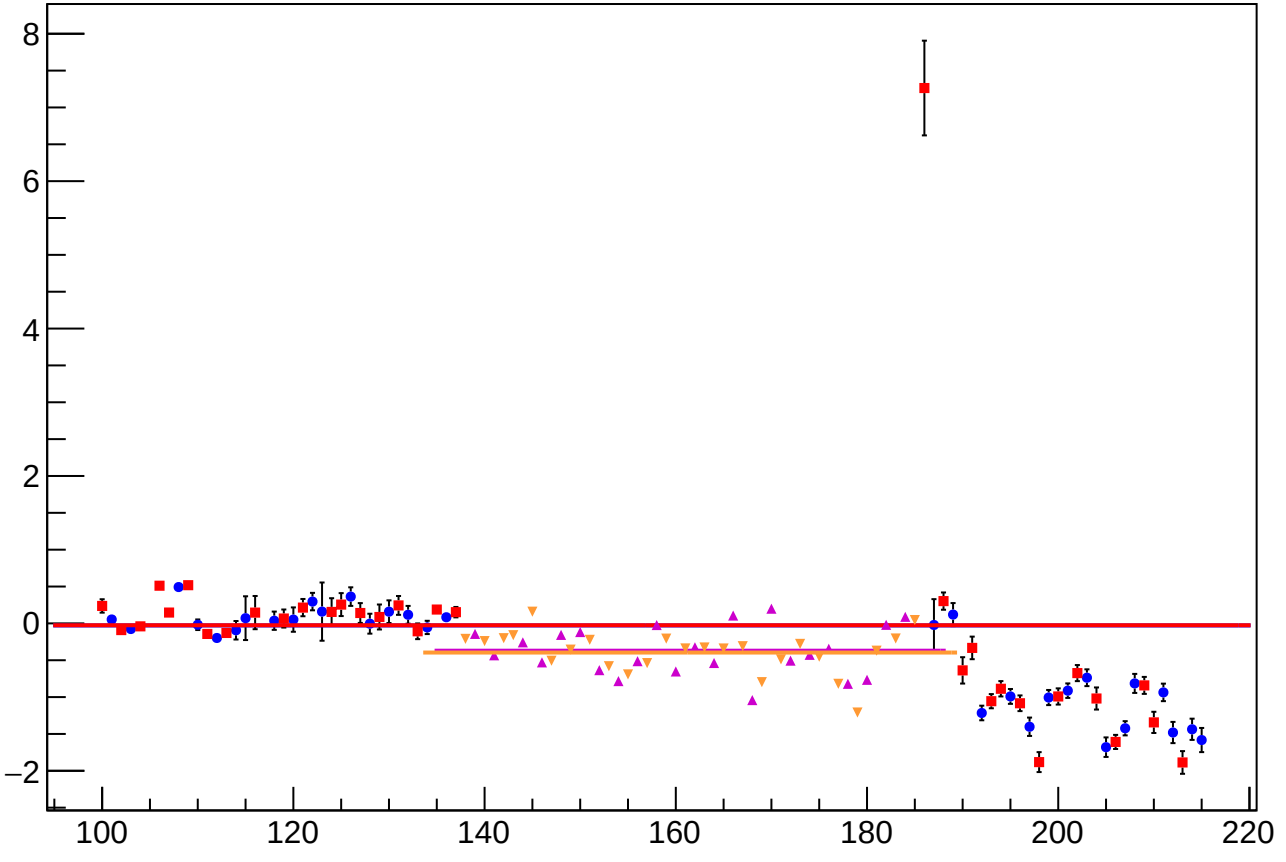
Left In: 73.730+/-0.194 χ^2/NDF:3775.8/22

+ sign 45.361+/-0.147 χ^2/NDF: 79940.4/56

All: 46.303+/-0.106 χ^2/NDF: 150703.8/113

- sign 47.348+/-0.155 χ^2/NDF: 70676.5/56

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: -0.025+/-0.010 χ^2/NDF: 1829.3/33

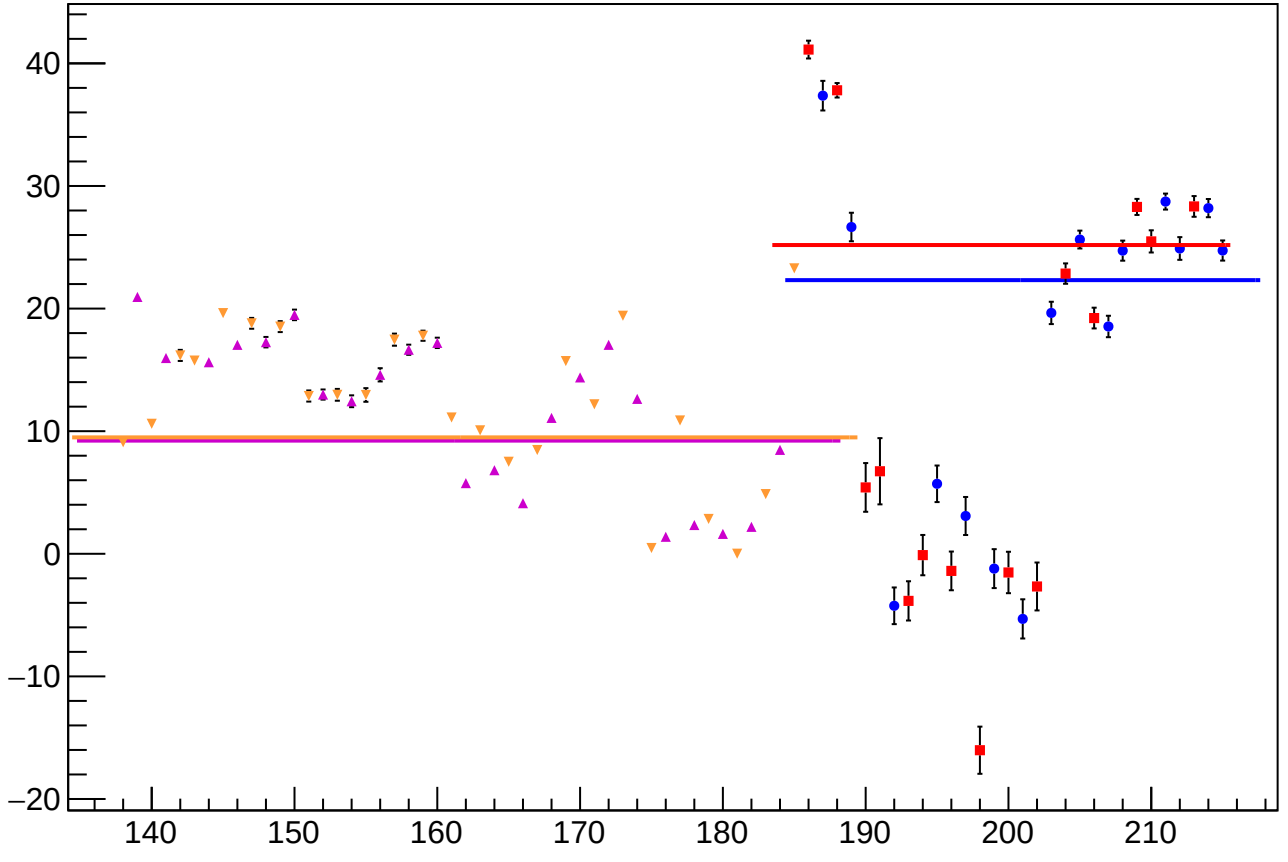
Left In: -0.371+/-0.009 χ^2/NDF:1313.7/22

+ sign -0.248+/-0.007 χ^2/NDF: 3555.4/56

All: -0.238+/-0.005 χ^2/NDF: 7349.7/113

- sign -0.229+/-0.007 χ^2/NDF: 3790.1/56

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: 25.183+/-0.258 χ^2/NDF: 2937.6/14

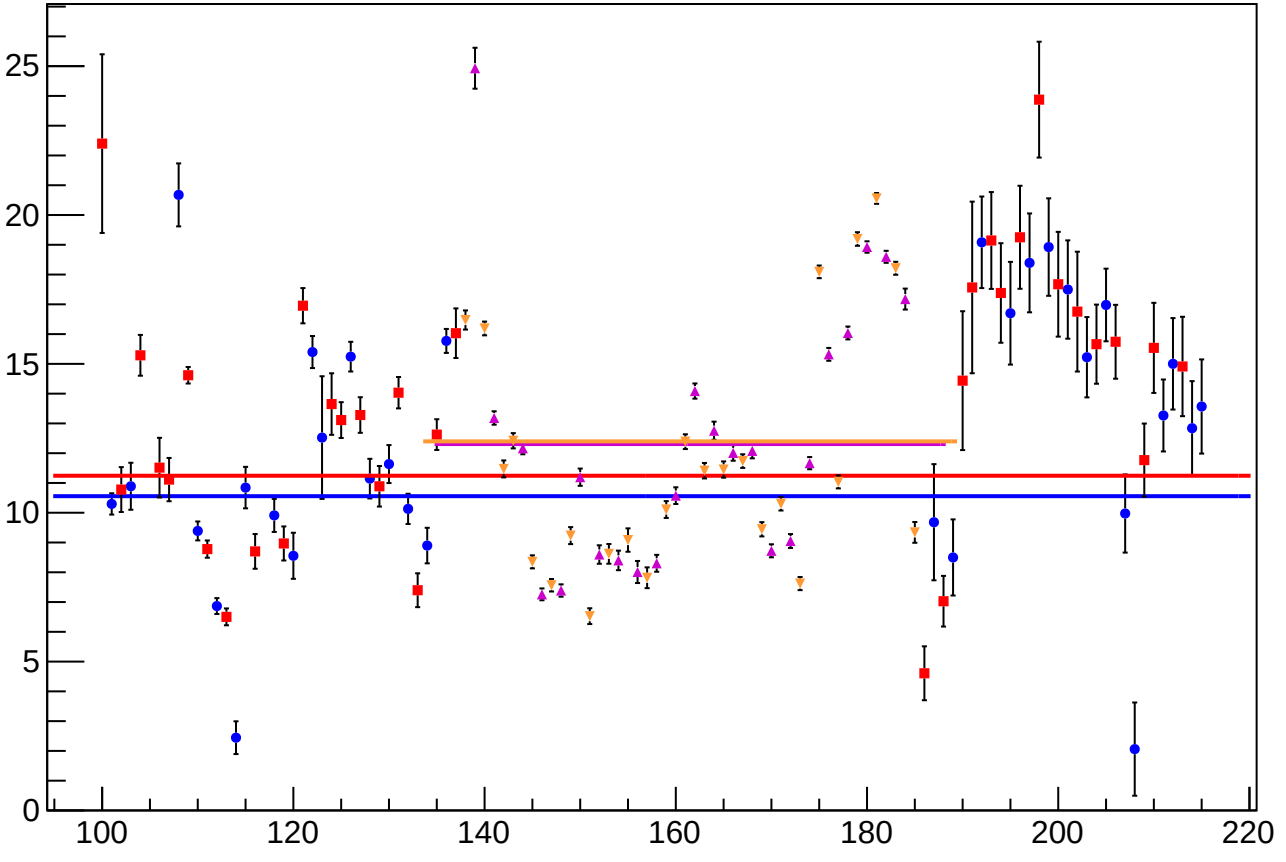
Left In: 9.231+/-0.063 χ^2/NDF:10736.2/22

+ sign 10.231+/-0.059 χ^2/NDF: 16638.5/39

All: 10.181+/-0.043 χ^2/NDF: 33913.5/77

- sign 10.128+/-0.061 χ^2/NDF: 17273.6/37

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: 11.242+/-0.111 χ^2/NDF: 1062.1/33

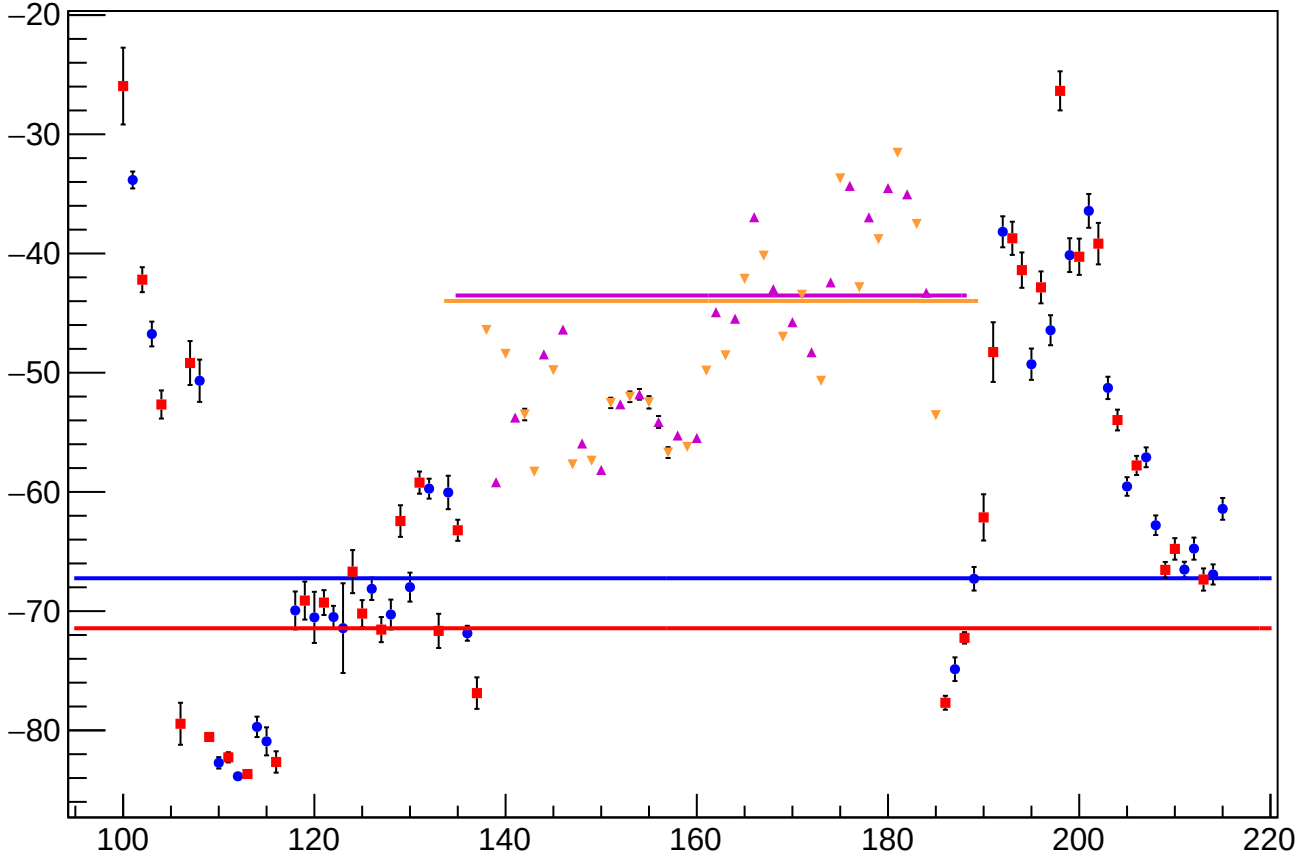
Left In: 12.307+/-0.051 χ^2/NDF:5601.8/22

+ sign 12.104+/-0.046 χ^2/NDF: 8835.0/56

All: 12.112+/-0.033 χ^2/NDF: 15574.7/113

- sign 12.120+/-0.046 χ^2/NDF: 6739.7/56

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: -71.436+/-0.144 χ^2/NDF: 8083.5/33

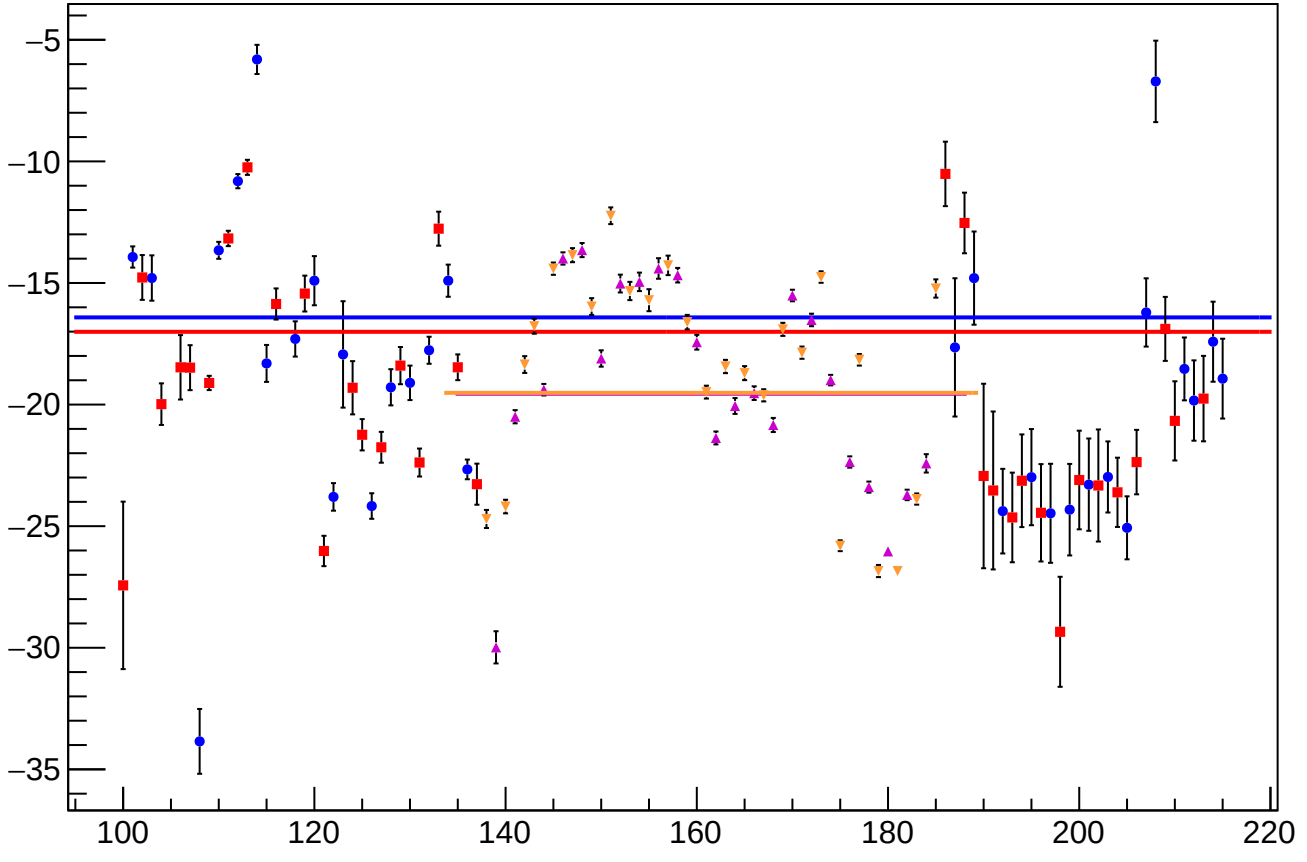
Left In: -43.523+/-0.063 χ^2/NDF:15267.1/22

+ sign -47.213+/-0.057 χ^2/NDF: 45986.1/56

All: -47.632+/-0.041 χ^2/NDF: 101018.3/113

- sign -48.059+/-0.058 χ^2/NDF: 54924.7/56

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: -17.007+/-0.123 χ^2/NDF: 1390.7/33

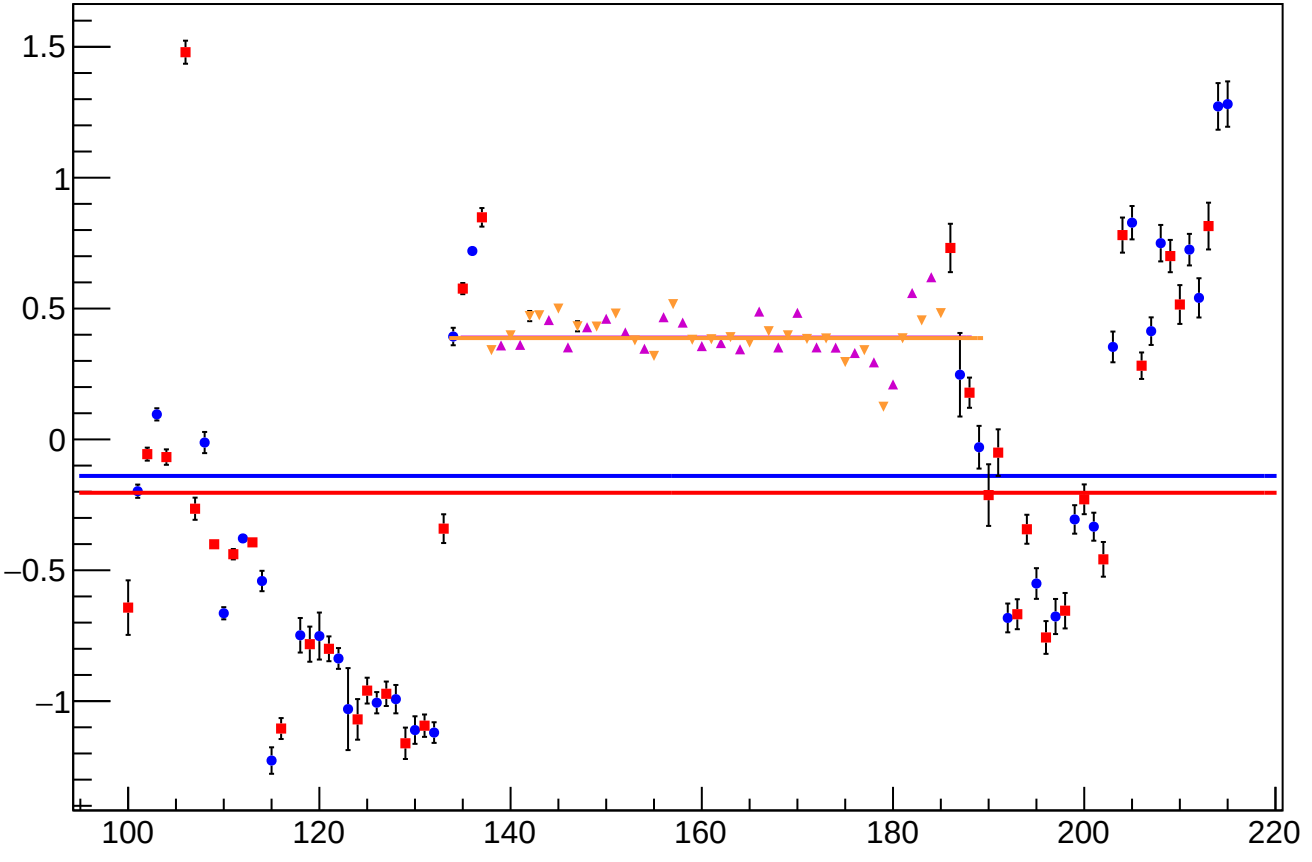
Left In: -19.555+/-0.057 χ^2/NDF:4311.2/22

+ sign -19.015+/-0.051 χ^2/NDF: 8833.3/56

All: -19.057+/-0.036 χ^2/NDF: 14888.0/113

- sign -19.101+/-0.052 χ^2/NDF: 6053.3/56

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: -0.204+/-0.007 χ^2/NDF: 7304.0/33

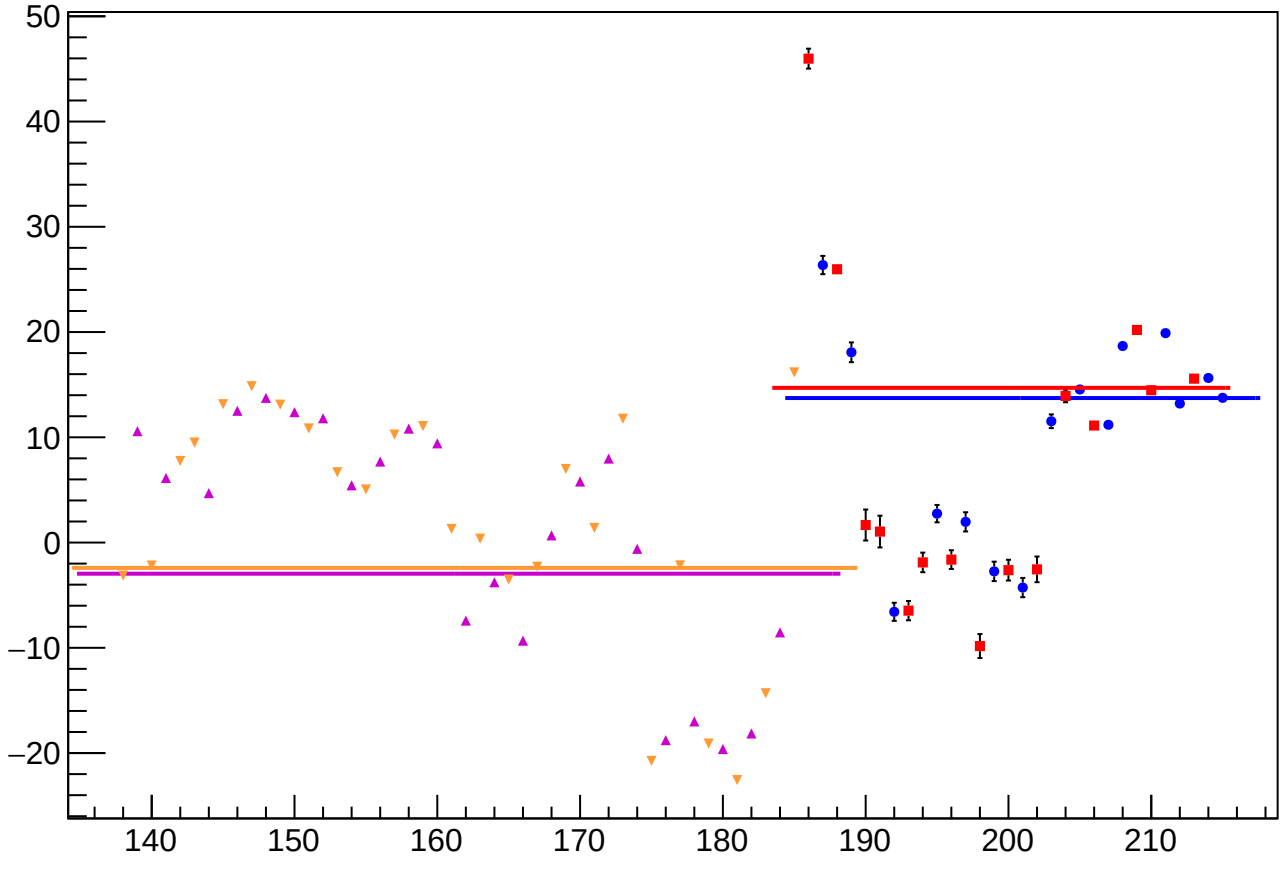
Left In: 0.389+/-0.003 χ^2/NDF:1256.9/22

+ sign 0.323+/-0.002 χ^2/NDF: 14118.9/56

All: 0.316+/-0.002 χ^2/NDF: 29635.1/113

- sign 0.309+/-0.002 χ^2/NDF: 15498.3/56

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: 14.700+/-0.158 χ^2/NDF: 4430.2/14

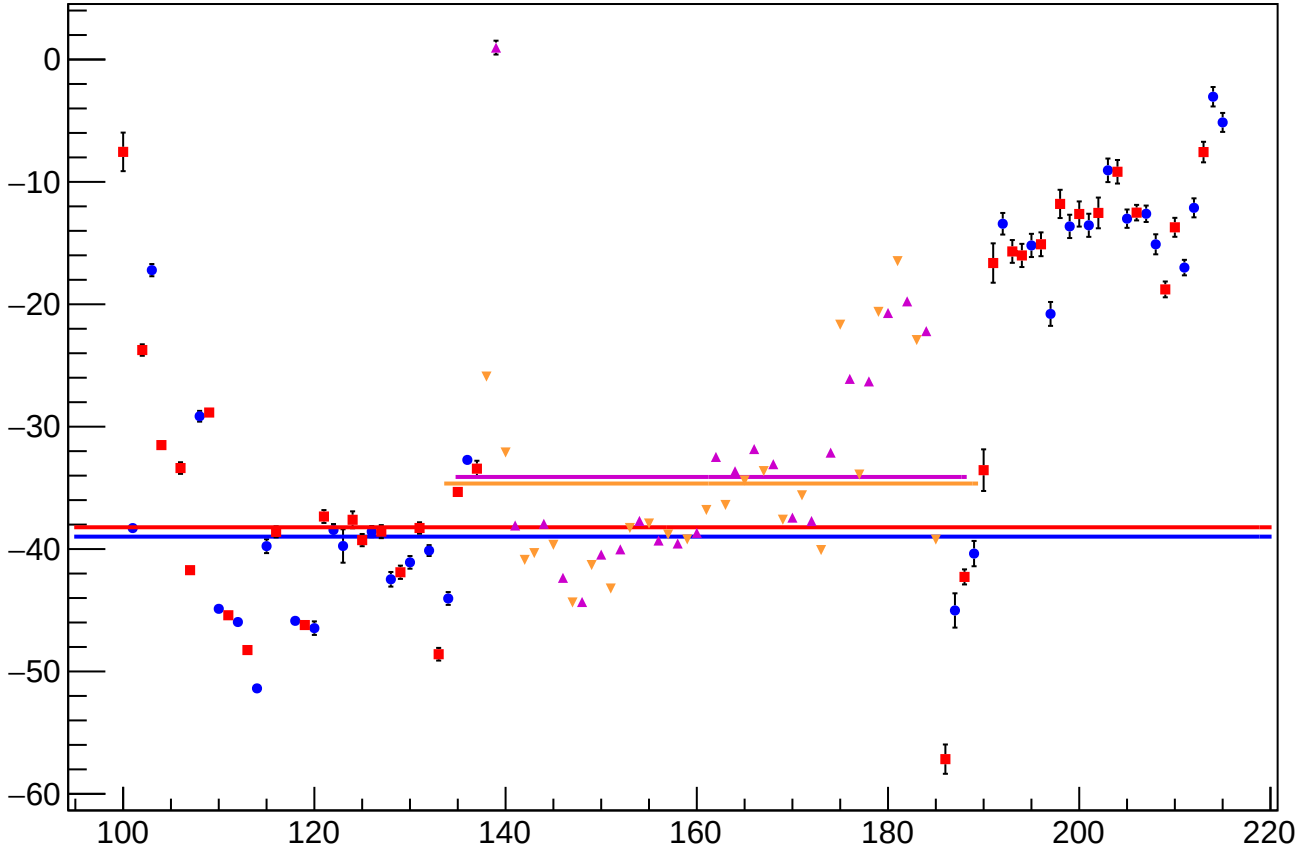
Left In: -2.959+/-0.055 χ^2/NDF:45922.6/22

+ sign -0.339+/-0.049 χ^2/NDF: 70725.3/39

All: -0.677+/-0.036 χ^2/NDF: 132380.3/77

- sign -1.050+/-0.052 χ^2/NDF: 61556.1/37

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: -38.219+/-0.069 χ^2/NDF: 21495.1/33

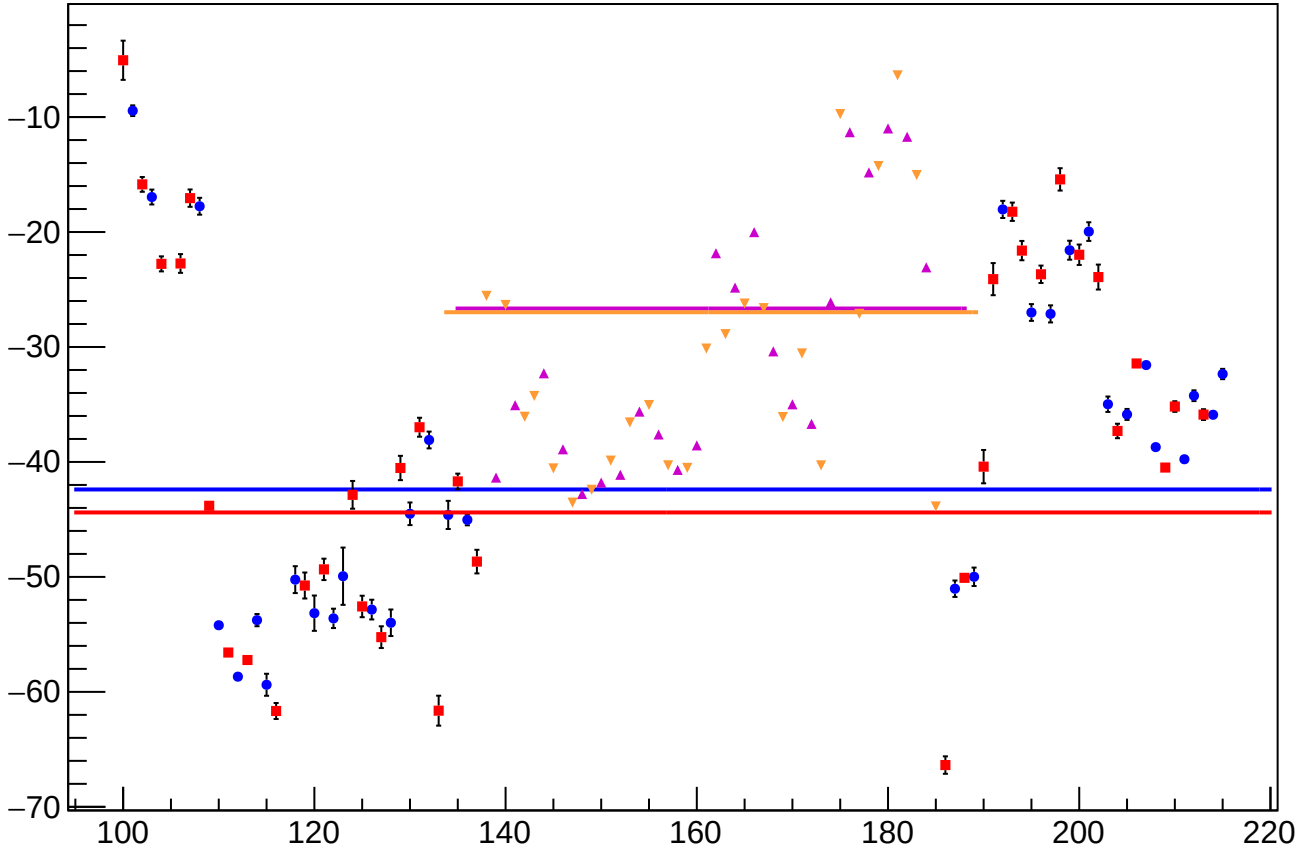
Left In: -34.108+/-0.044 χ^2/NDF:29052.8/22

+ sign -35.704+/-0.036 χ^2/NDF: 59670.1/56

All: -35.499+/-0.026 χ^2/NDF: 112784.9/113

- sign -35.284+/-0.037 χ^2/NDF: 53049.7/56

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: -44.394+/-0.087 χ^2/NDF: 20659.0/33

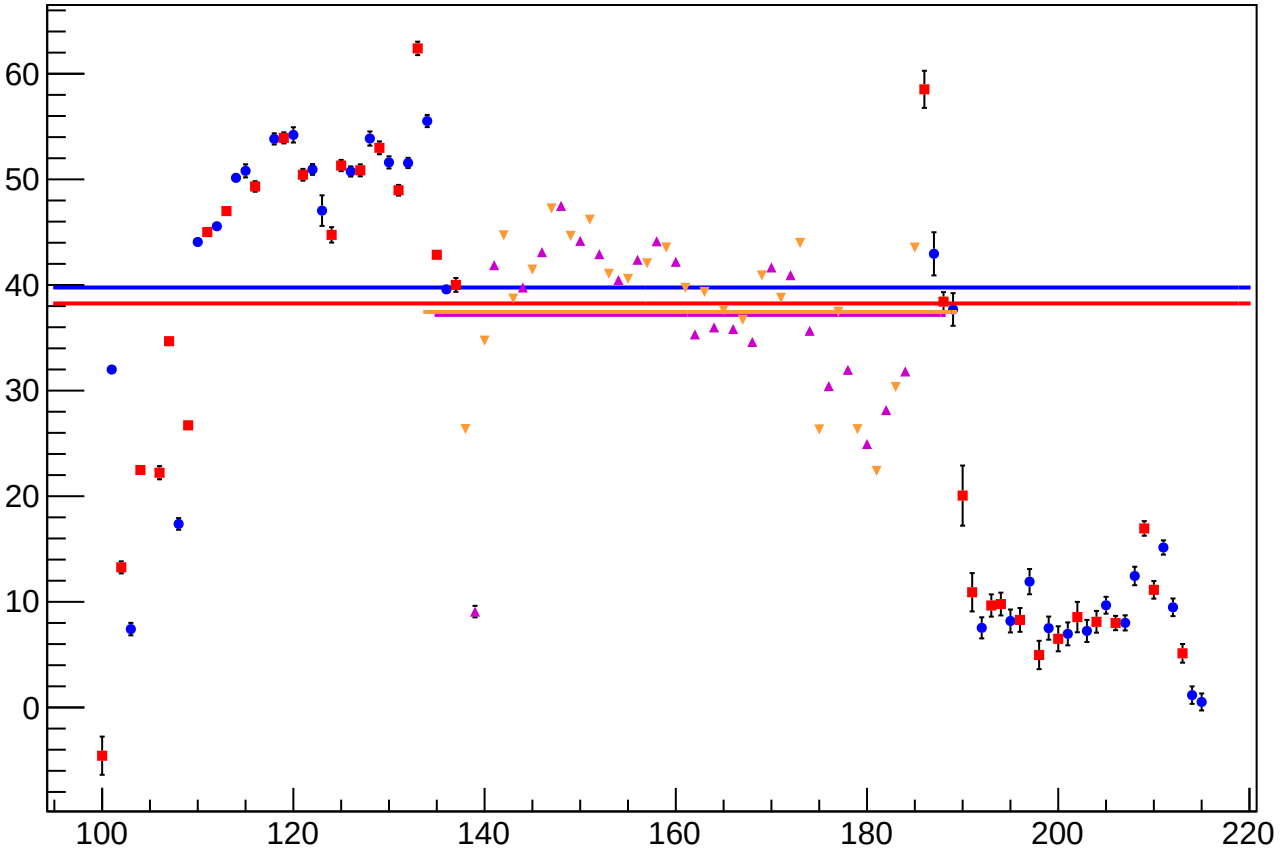
Left In: -26.654+/-0.055 χ^2/NDF:42106.8/22

+ sign -30.819+/-0.046 χ^2/NDF: 93224.9/56

All: -31.256+/-0.033 χ^2/NDF: 185839.0/113

- sign -31.701+/-0.046 χ^2/NDF: 92432.6/56

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: 38.252+/-0.077 χ^2/NDF: 28937.3/33

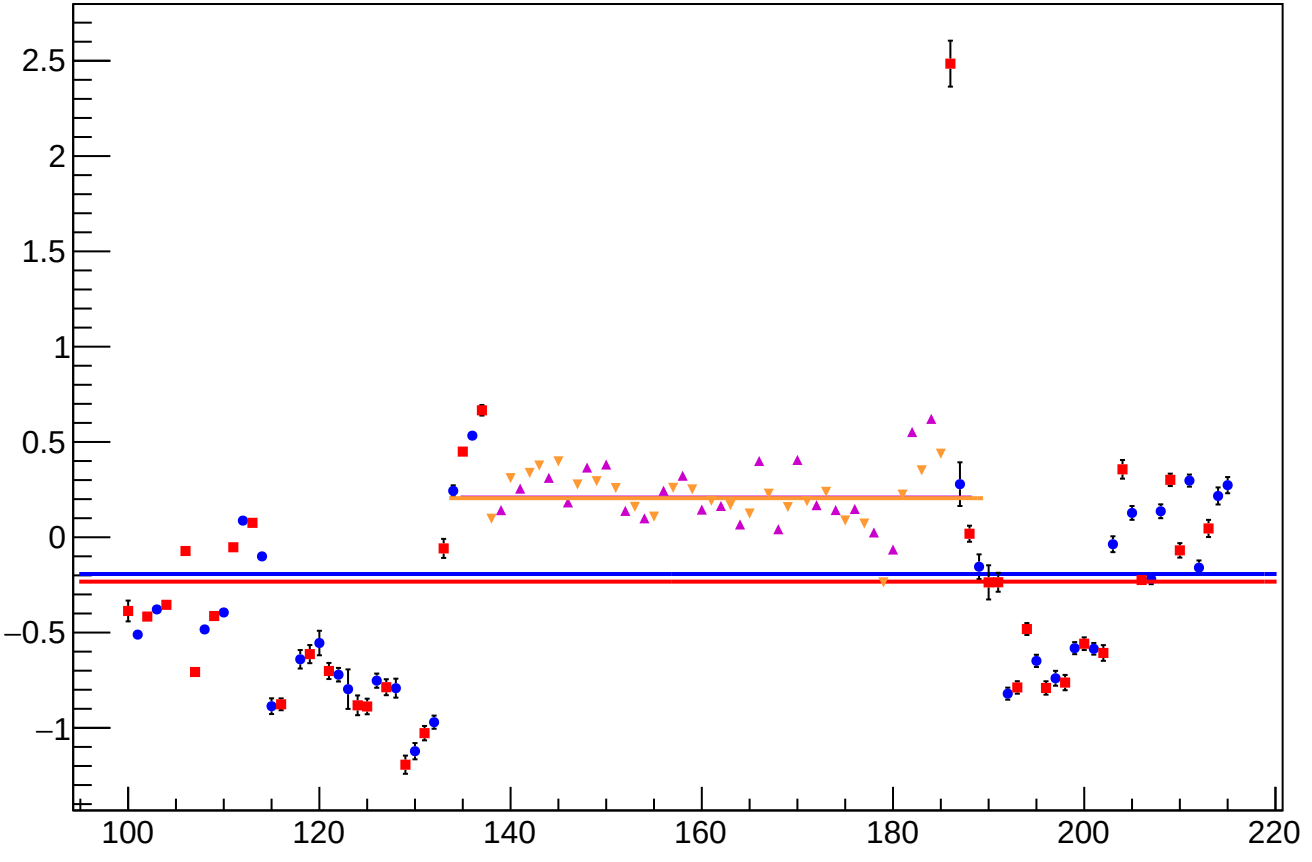
Left In: 37.169+/-0.049 χ^2/NDF:17236.9/22

\+ sign 38.024+/-0.041 χ^2/NDF: 51530.8/56

All: 37.758+/-0.029 χ^2/NDF: 97931.6/113

\- sign 37.485+/-0.041 χ^2/NDF: 46315.0/56

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: -0.233+/-0.004 χ^2/NDF: 9397.6/33

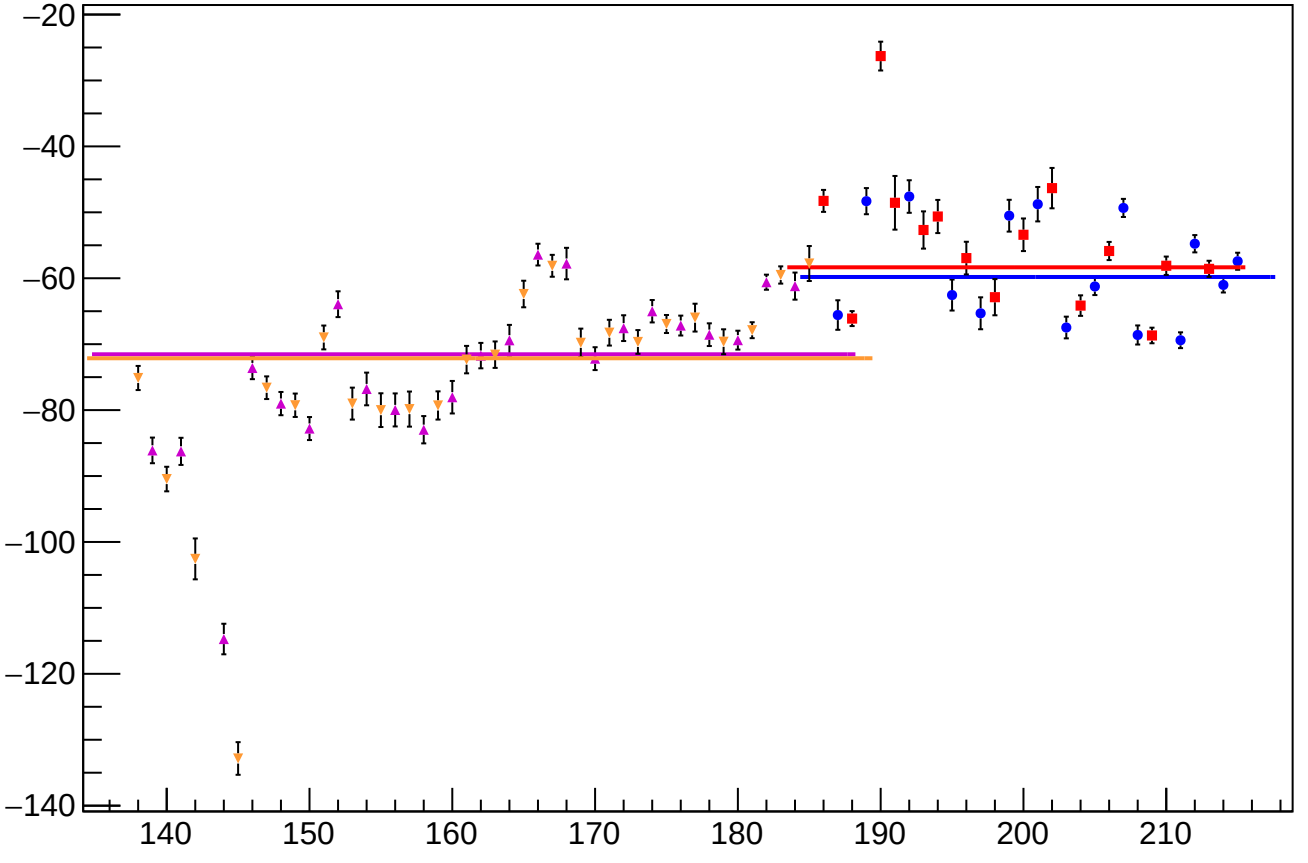
Left In: 0.208+/-0.002 χ^2/NDF:5094.6/22

+ sign 0.124+/-0.002 χ^2/NDF: 19724.5/56

All: 0.113+/-0.001 χ^2/NDF: 43716.9/113

- sign 0.101+/-0.002 χ^2/NDF: 23918.3/56

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: -58.340+/-0.443 χ^2/NDF: 433.7/14

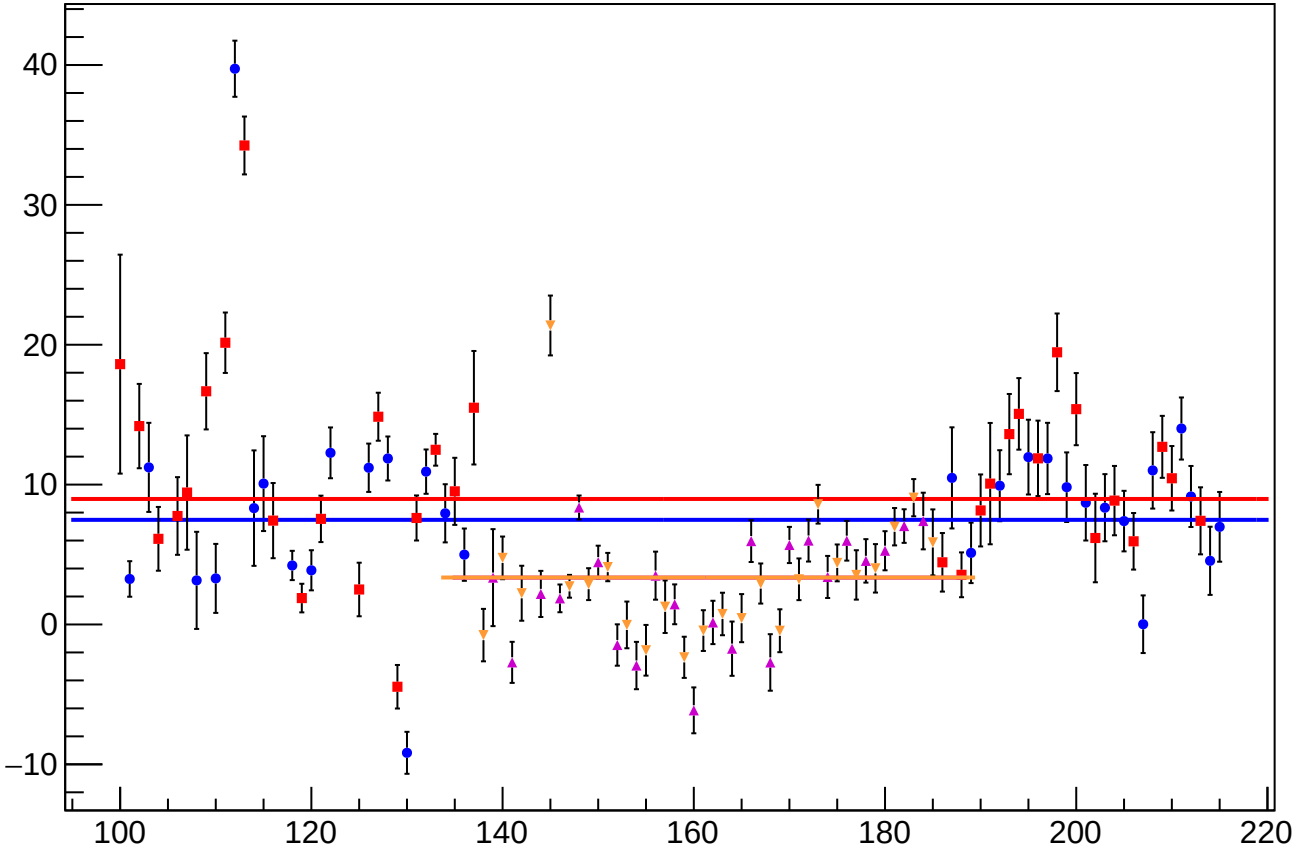
Left In: -71.534+/-0.382 χ^2/NDF:851.4/22

+ sign -66.427+/-0.280 χ^2/NDF: 1907.2/38

All: -66.178+/-0.201 χ^2/NDF: 3702.9/76

- sign -65.915+/-0.289 χ^2/NDF: 1794.1/37

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: 8.973+/-0.364 χ^2/NDF: 402.7/32

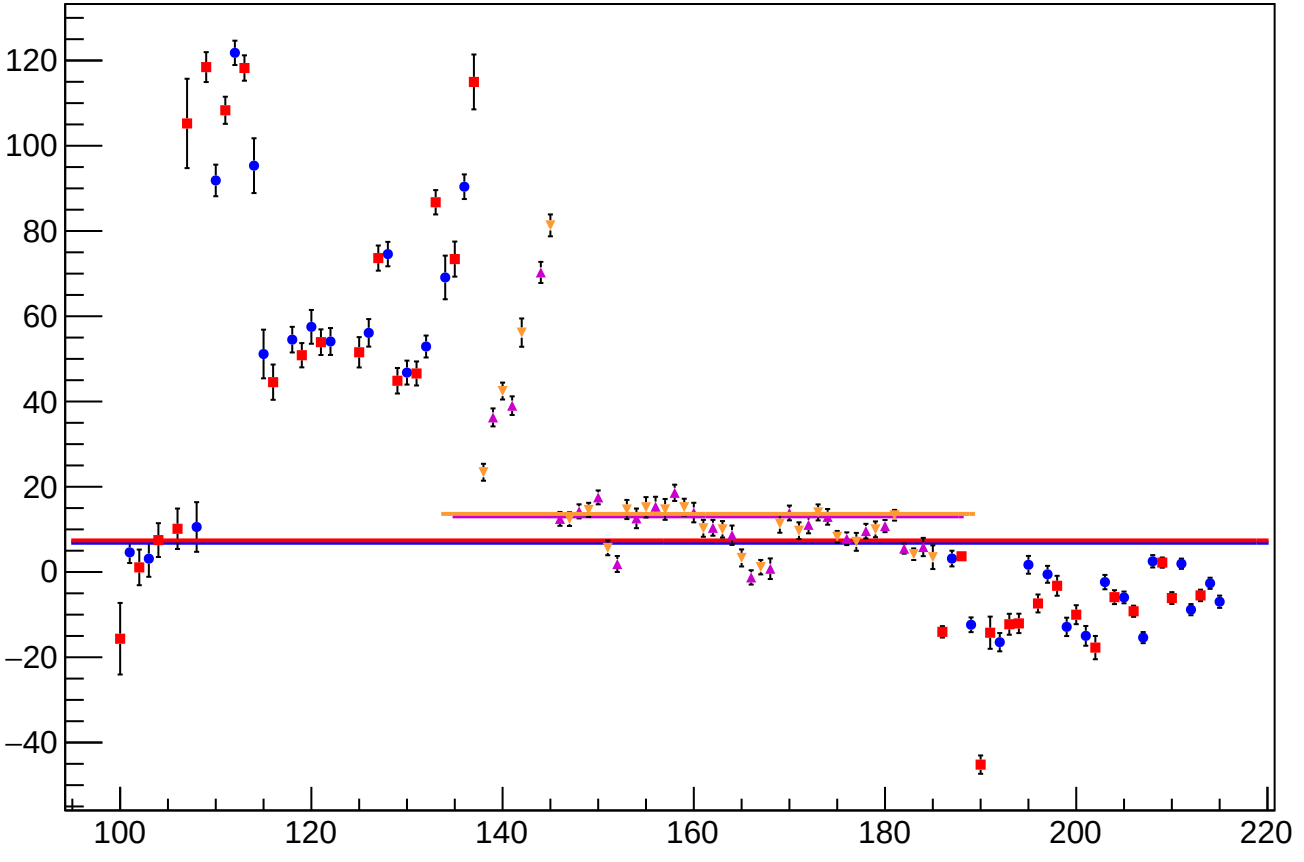
Left In: 3.349+/-0.298 χ^2/NDF:163.5/22

\+ sign 5.010+/-0.228 χ^2/NDF: 722.6/54

All: 5.306+/-0.162 χ^2/NDF: 1435.1/110

\- sign 5.609+/-0.231 χ^2/NDF: 709.2/55

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: 7.410+/-0.371 χ^2/NDF: 8051.2/32

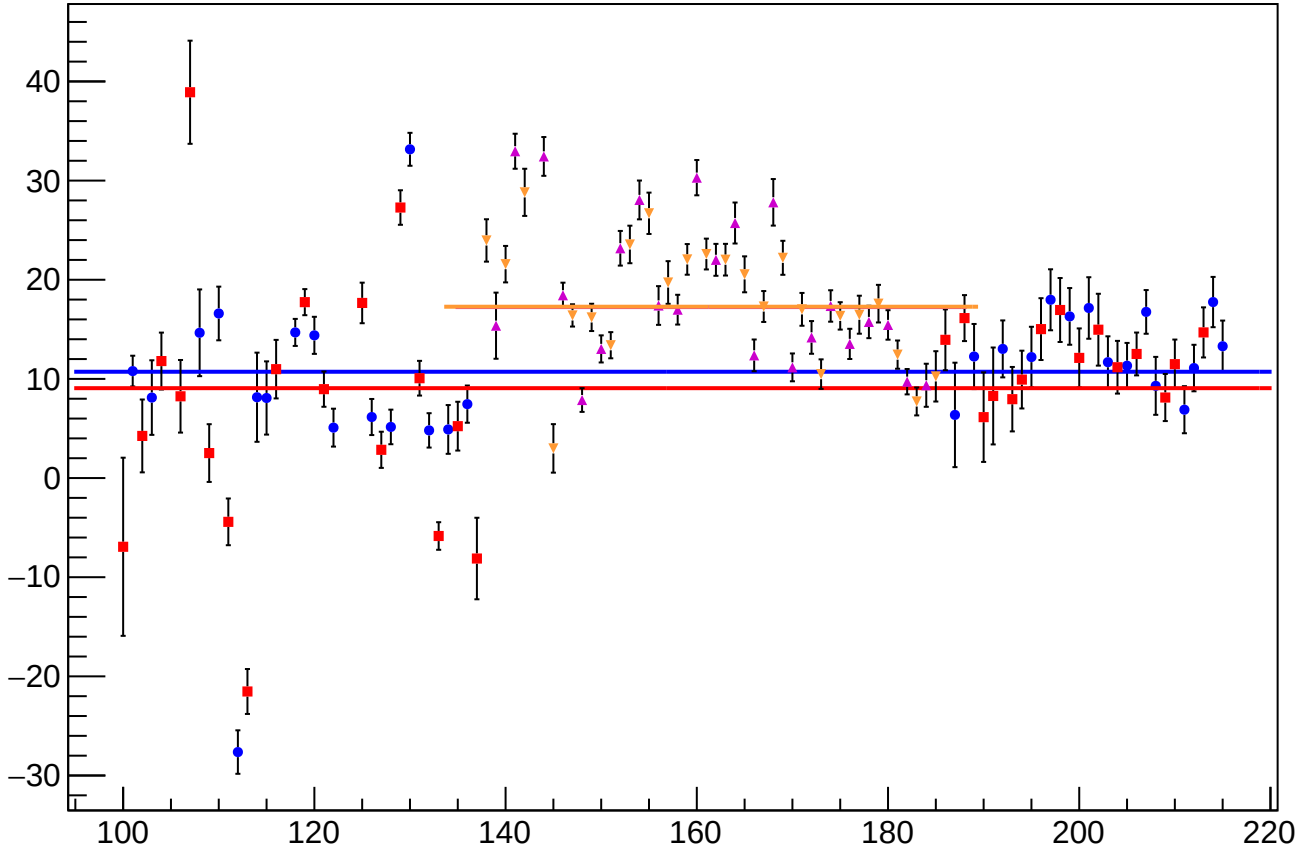
Left In: 13.058+/-0.380 χ^2/NDF:1024.7/22

+ sign 10.116+/-0.264 χ^2/NDF: 7953.4/54

All: 10.141+/-0.187 χ^2/NDF: 17142.6/110

- sign 10.166+/-0.265 χ^2/NDF: 9189.2/55

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: 9.065+/-0.423 χ^2/NDF: 611.4/32

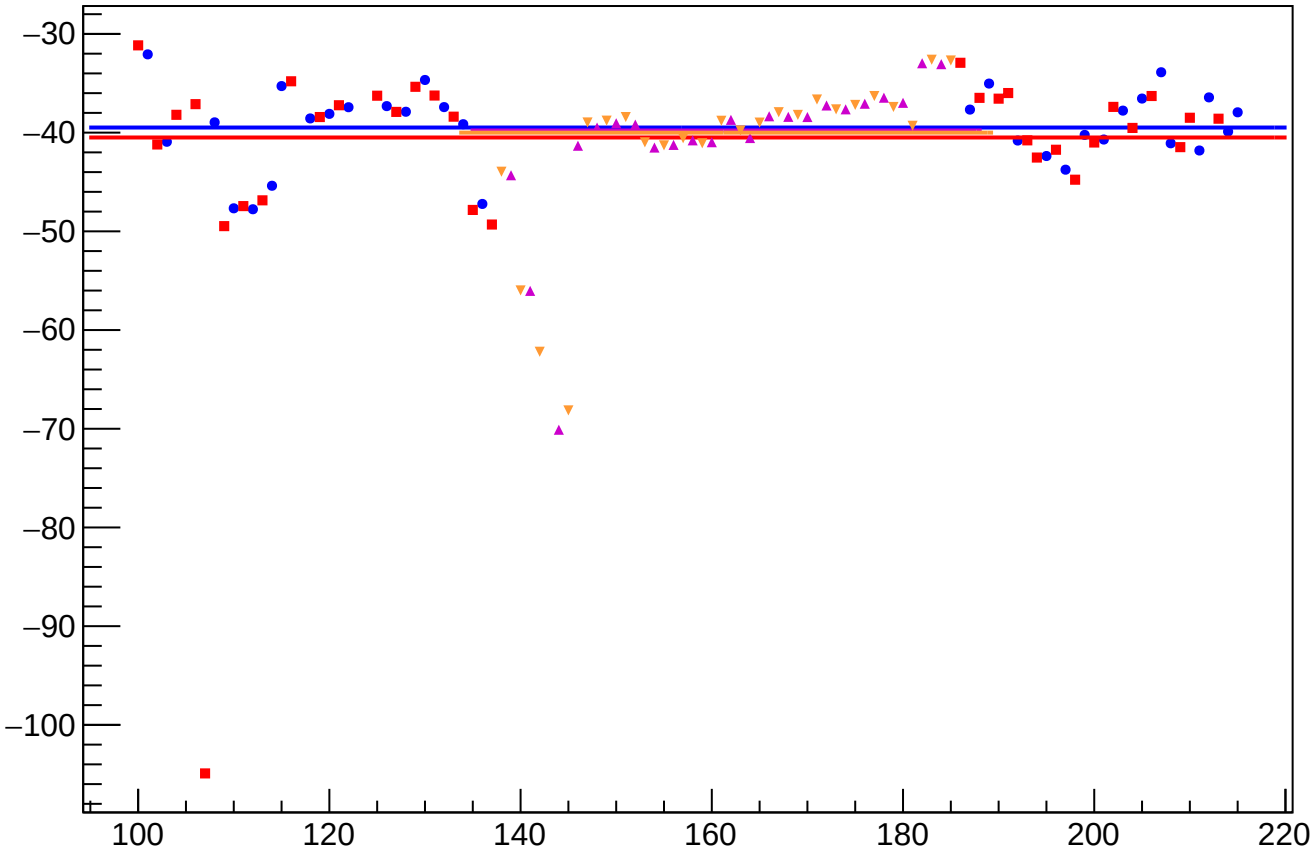
Left In: 17.245+/-0.339 χ^2/NDF:440.8/22

+ sign 14.650+/-0.261 χ^2/NDF: 983.4/54

All: 14.349+/-0.186 χ^2/NDF: 2265.9/110

- sign 14.039+/-0.265 χ^2/NDF: 1279.8/55

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: -40.492+/-0.021 χ^2/NDF: 107336.9/32

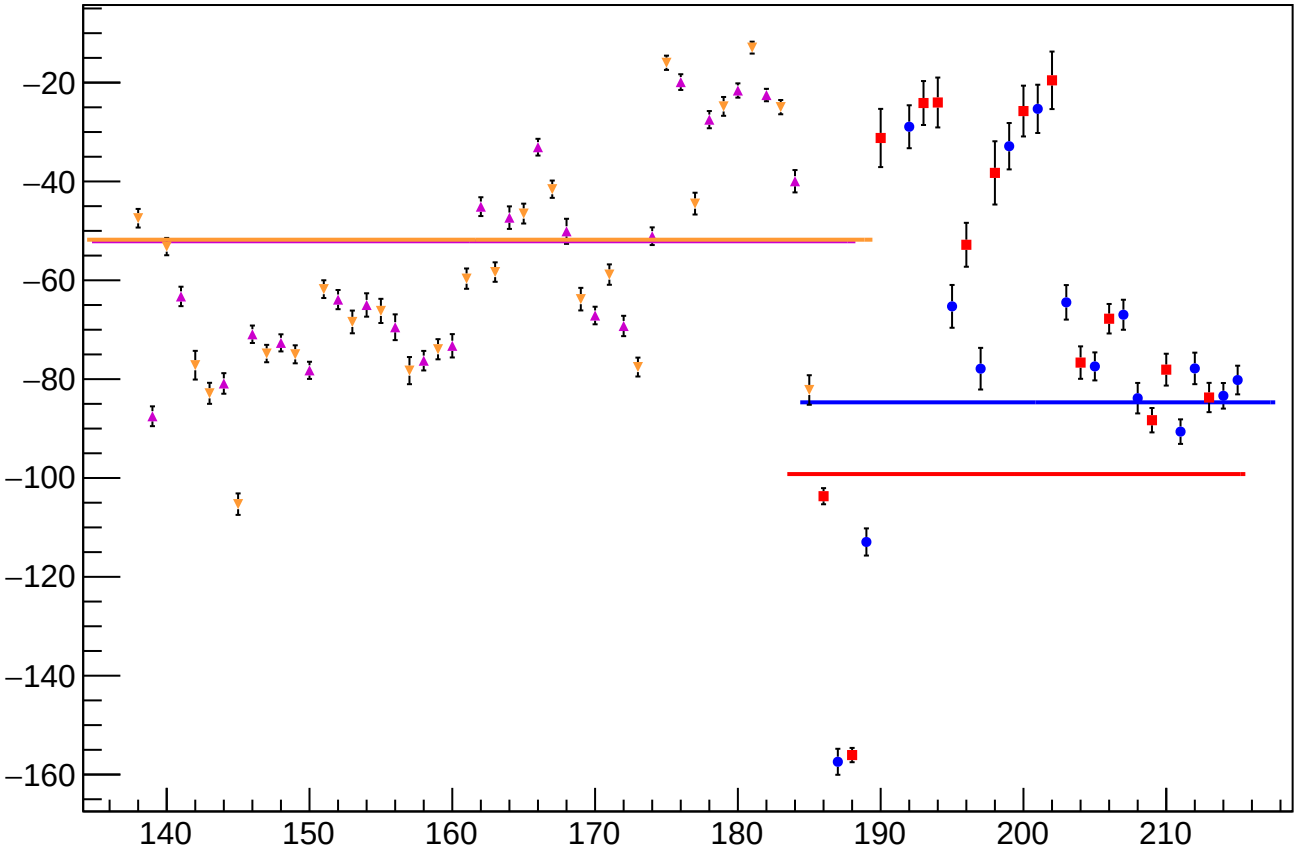
Left In: -39.785+/-0.016 χ^2/NDF:144494.5/22

+ sign -39.807+/-0.012 χ^2/NDF: 210564.9/54

All: -39.926+/-0.009 χ^2/NDF: 463326.9/110

- sign -40.044+/-0.012 χ^2/NDF: 252581.5/55

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: -99.205+/-0.768 χ^2/NDF: 3033.7/13

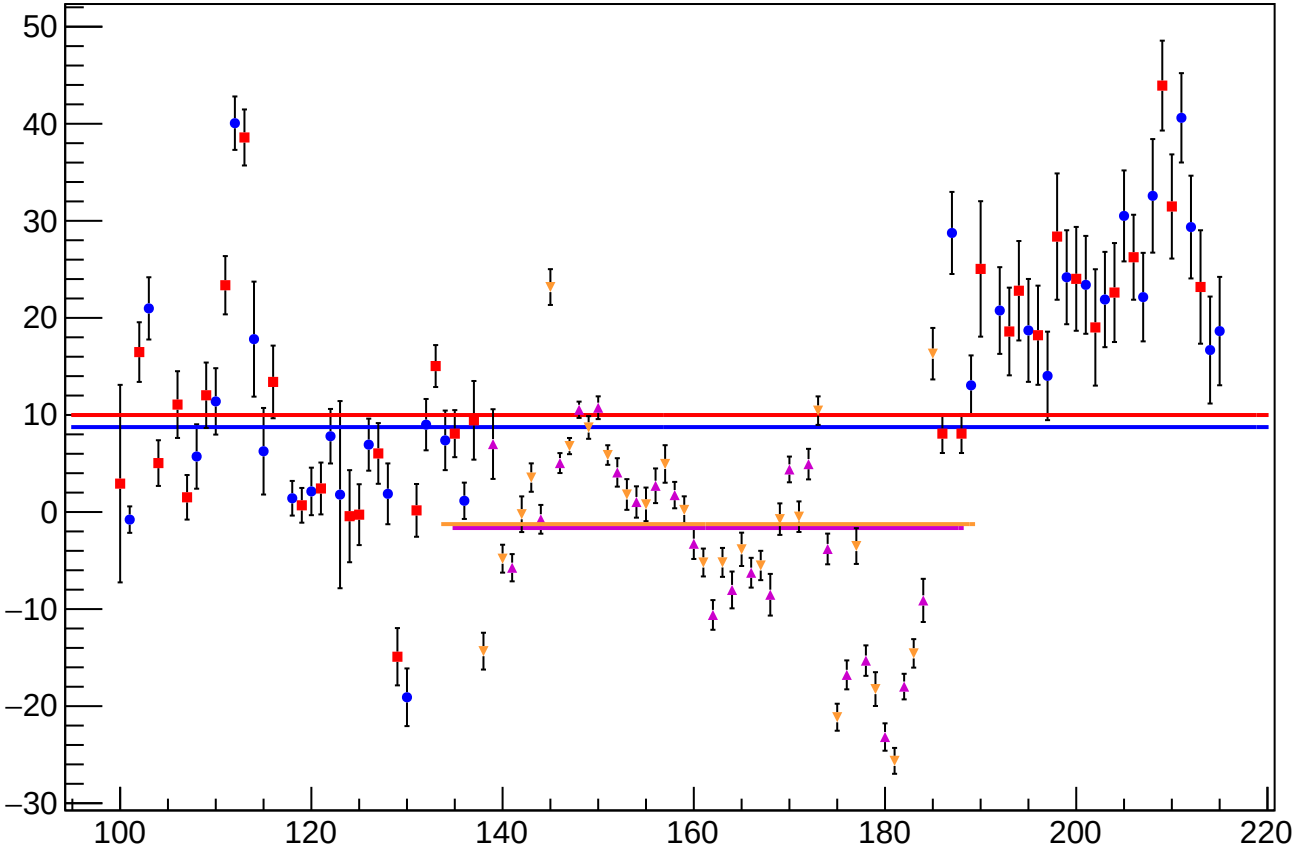
Left In: -52.104+/-0.389 χ^2/NDF:3280.2/22

+ sign -57.632+/-0.347 χ^2/NDF: 6892.4/39

All: -59.669+/-0.245 χ^2/NDF: 16268.4/76

- sign -61.703+/-0.347 χ^2/NDF: 9307.1/36

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: 9.993+/-0.551 χ^2/NDF: 415.7/32

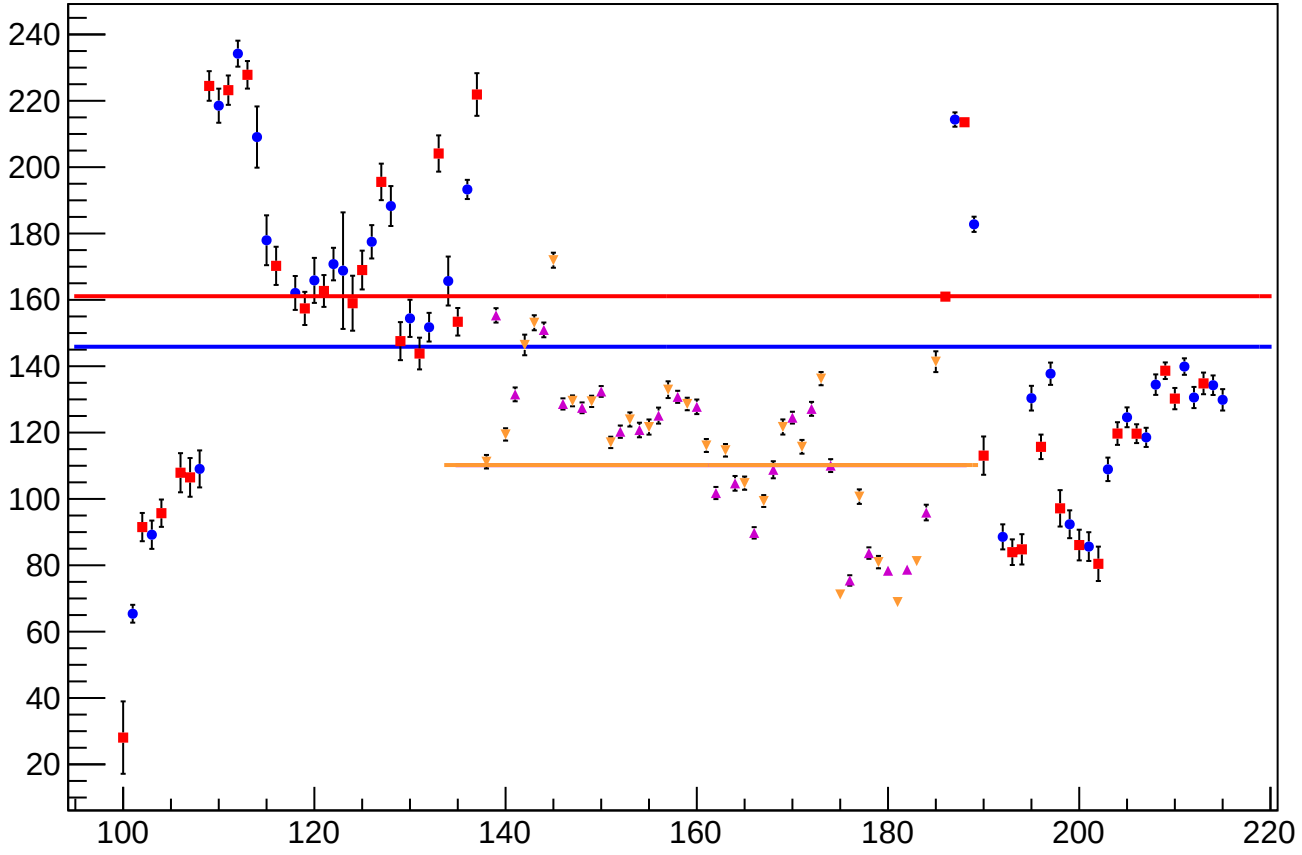
Left In: -1.650+/-0.300 χ^2/NDF:1092.2/22

+ sign 0.904+/-0.258 χ^2/NDF: 2084.0/56

All: 0.957+/-0.185 χ^2/NDF: 3936.1/112

- sign 1.013+/-0.264 χ^2/NDF: 1852.0/55

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: 161.101+/-0.583 χ^2/NDF: 5888.2/32

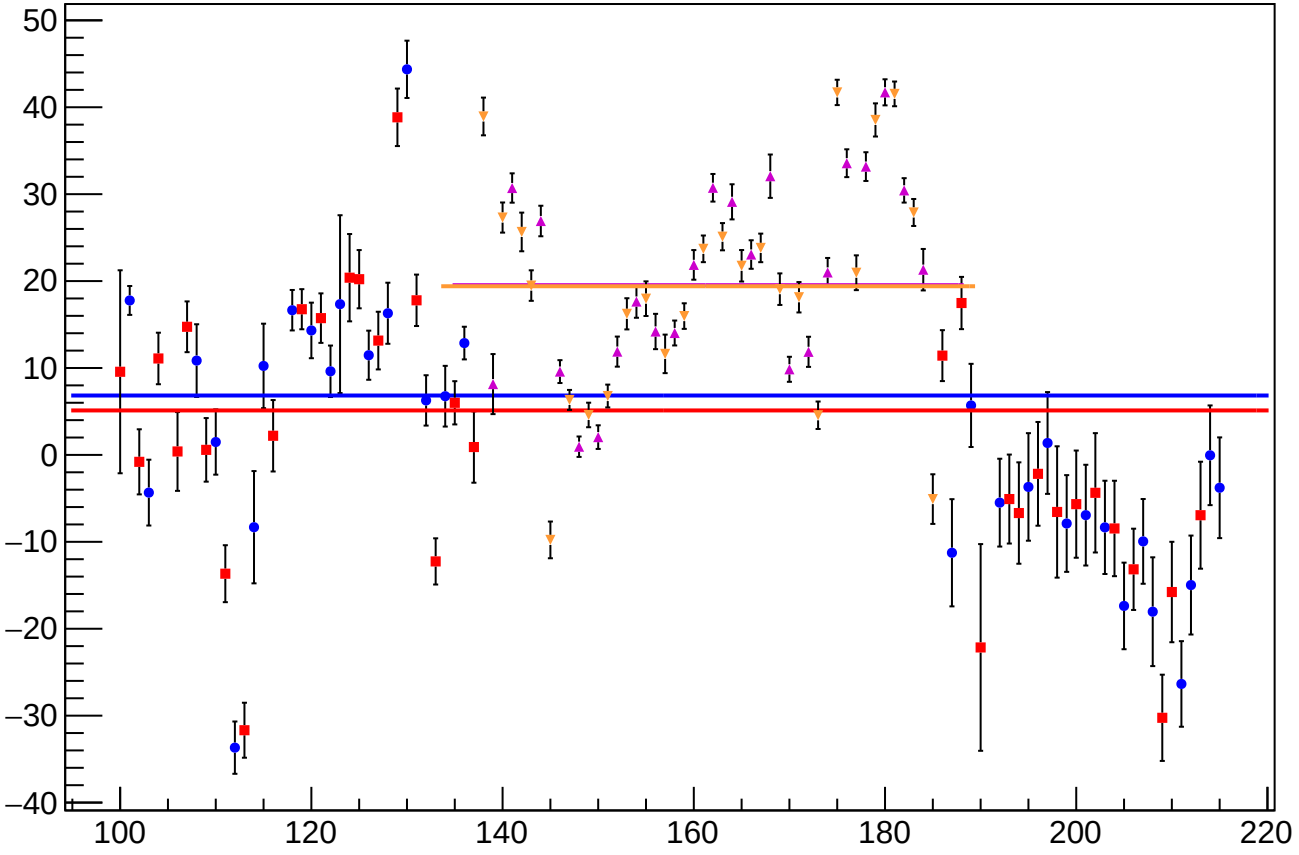
Left In: 110.171+/-0.386 χ^2/NDF:3702.6/22

+ sign 119.424+/-0.329 χ^2/NDF: 11355.6/56

All: 122.635+/-0.230 χ^2/NDF: 26443.2/112

- sign 125.706+/-0.322 χ^2/NDF: 14901.3/55

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: 5.117+/-0.652 χ^2/NDF: 562.6/32

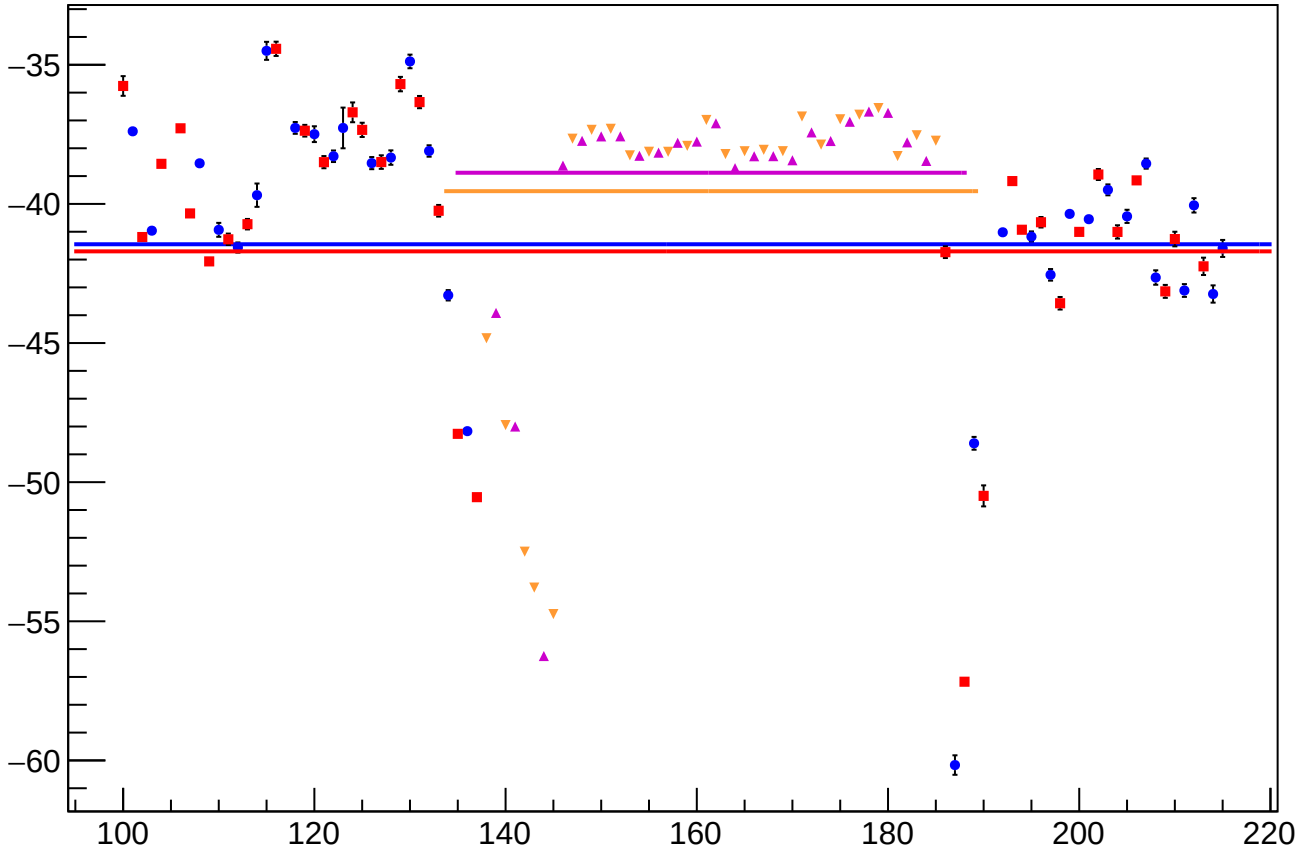
Left In: 19.530+/-0.342 χ^2/NDF:1181.3/22

+ sign 16.718+/-0.297 χ^2/NDF: 2327.6/56

All: 16.568+/-0.212 χ^2/NDF: 4455.4/112

- sign 16.411+/-0.303 χ^2/NDF: 2127.3/55

reg_asym_usr_diff_bpm12X_slope vs Slug



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: 23113.8/32

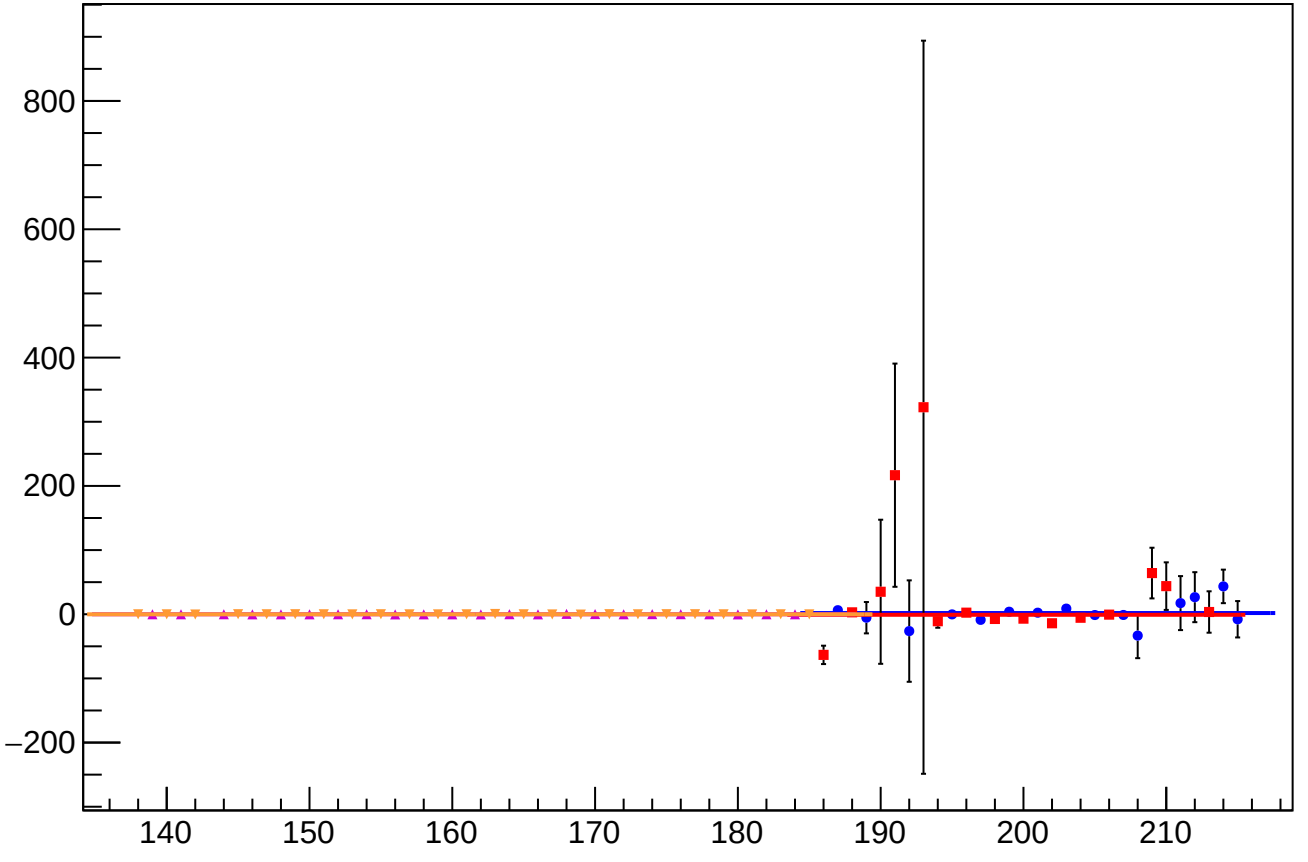
Left In: -38.880+/-0.016 χ^2/NDF:53409.9/22

+ sign -39.922+/-0.014 χ^2/NDF: 111914.7/56

All: -39.689+/-0.010 χ^2/NDF: 195420.6/112

- sign -39.452+/-0.014 χ^2/NDF: 82951.9/55

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: -0.836+/-1.419 χ^2/NDF: 36.7/14

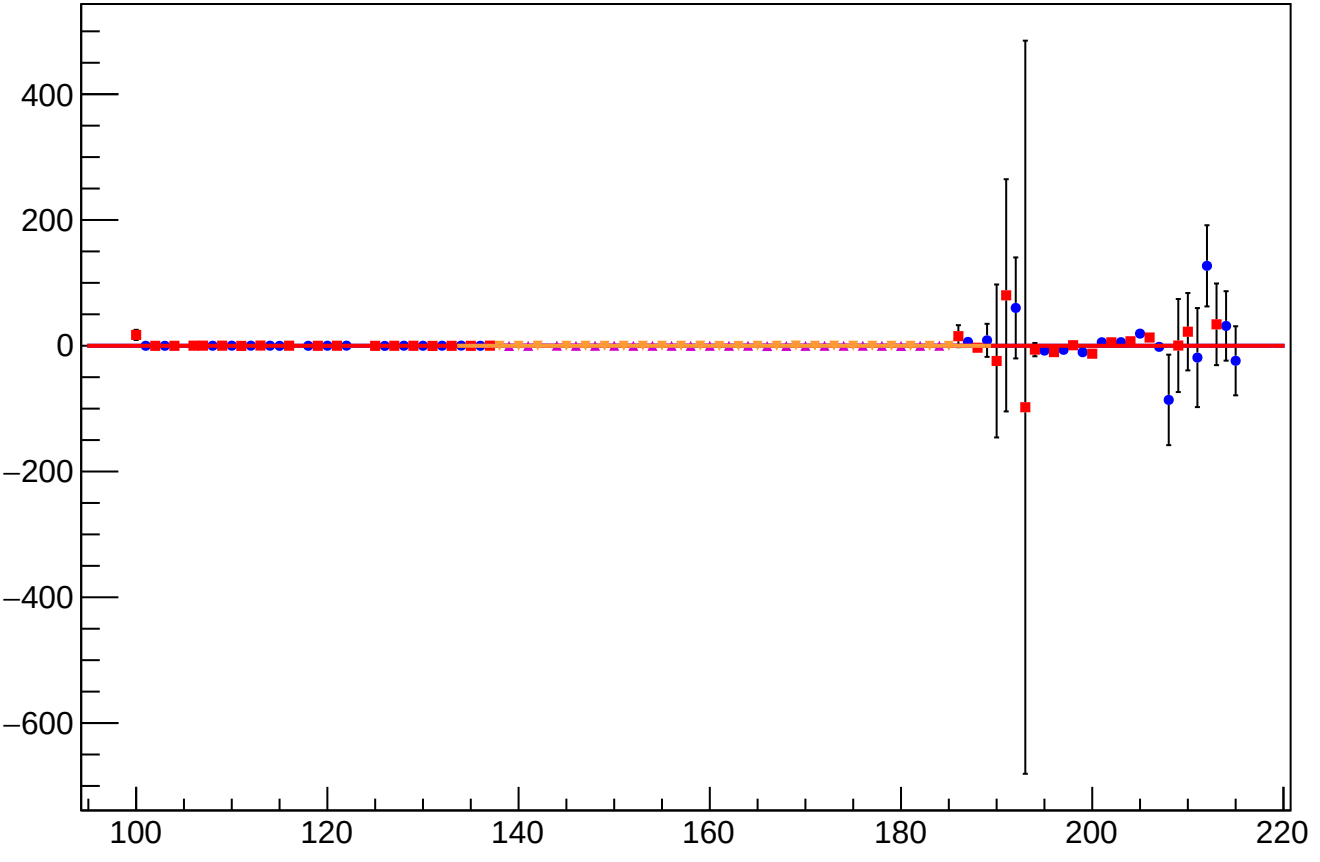
Left In: -0.026+/-0.022 χ^2/NDF:33.3/22

+ sign -0.088+/-0.022 χ^2/NDF: 56.8/38

All: -0.057+/-0.016 χ^2/NDF: 131.1/76

- sign -0.026+/-0.022 χ^2/NDF: 70.3/37

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: 41.5/32

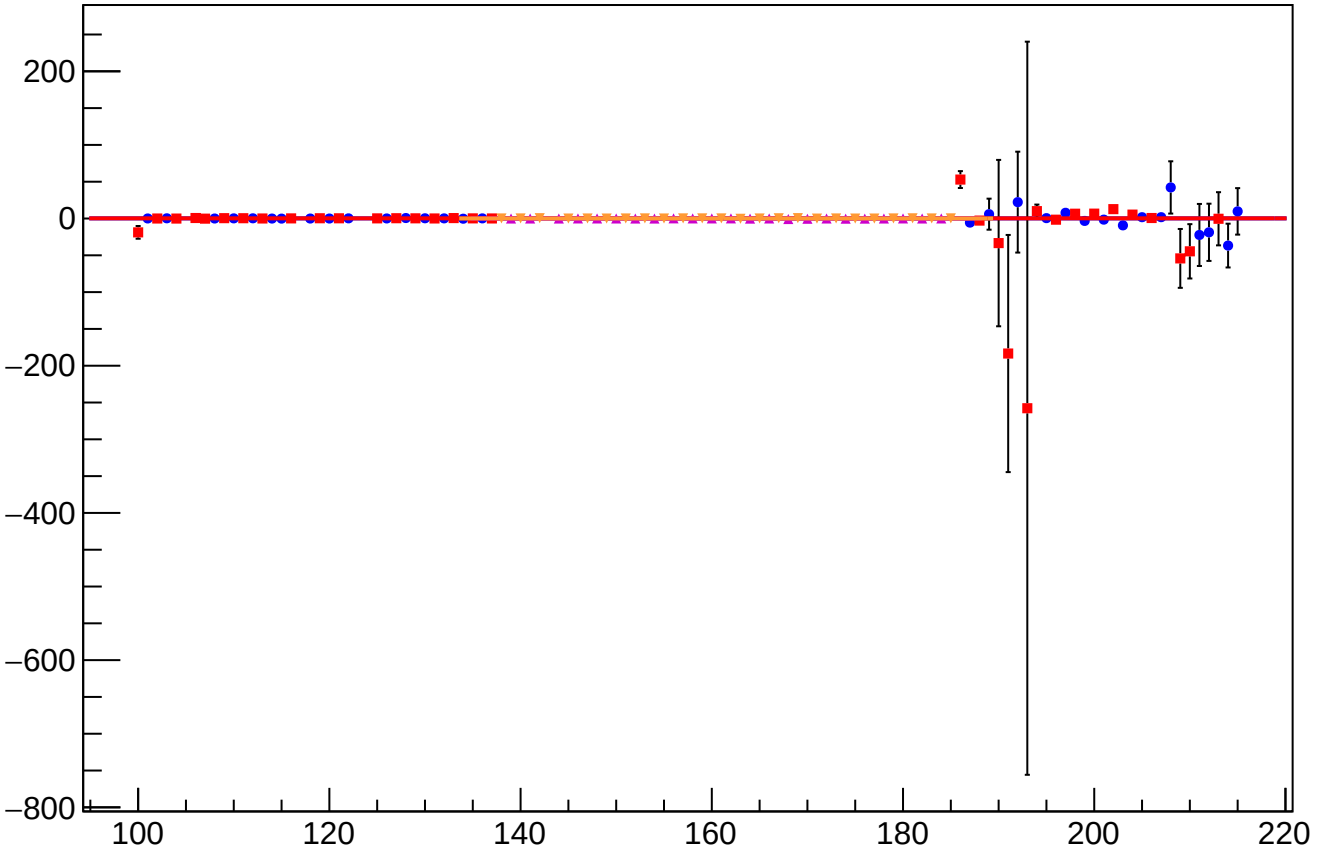
Left In: -0.052+/-0.018 χ^2/NDF:31.7/22

+ sign -0.060+/-0.015 χ^2/NDF: 69.3/54

All: -0.056+/-0.011 χ^2/NDF: 142.6/110

- sign -0.052+/-0.015 χ^2/NDF: 73.2/55

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: 60.3/32

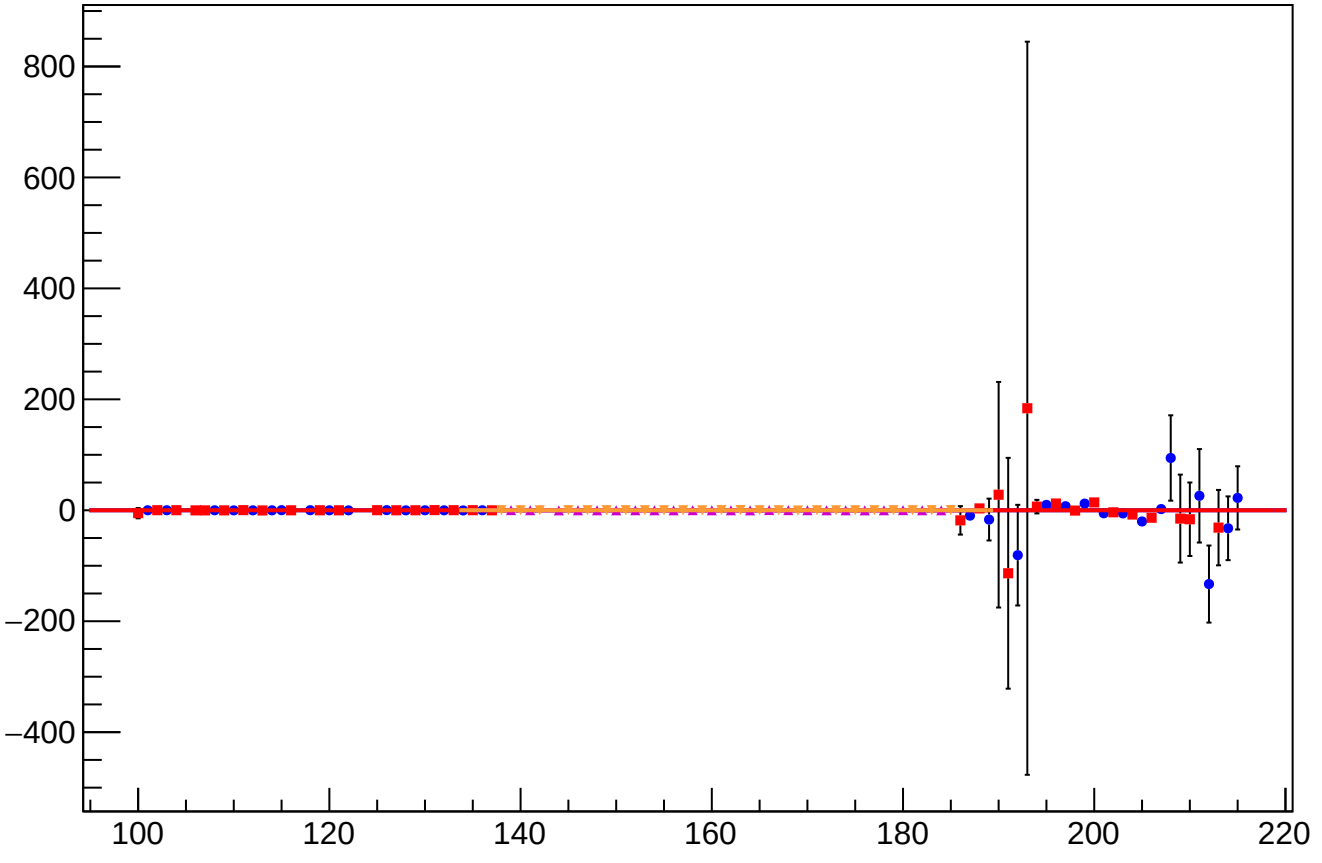
Left In: 0.020+/-0.022 χ^2/NDF:35.6/22

+ sign 0.095+/-0.020 χ^2/NDF: 71.6/54

All: 0.073+/-0.014 χ^2/NDF: 183.5/110

- sign 0.051+/-0.021 χ^2/NDF: 109.5/55

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: 34.9/32

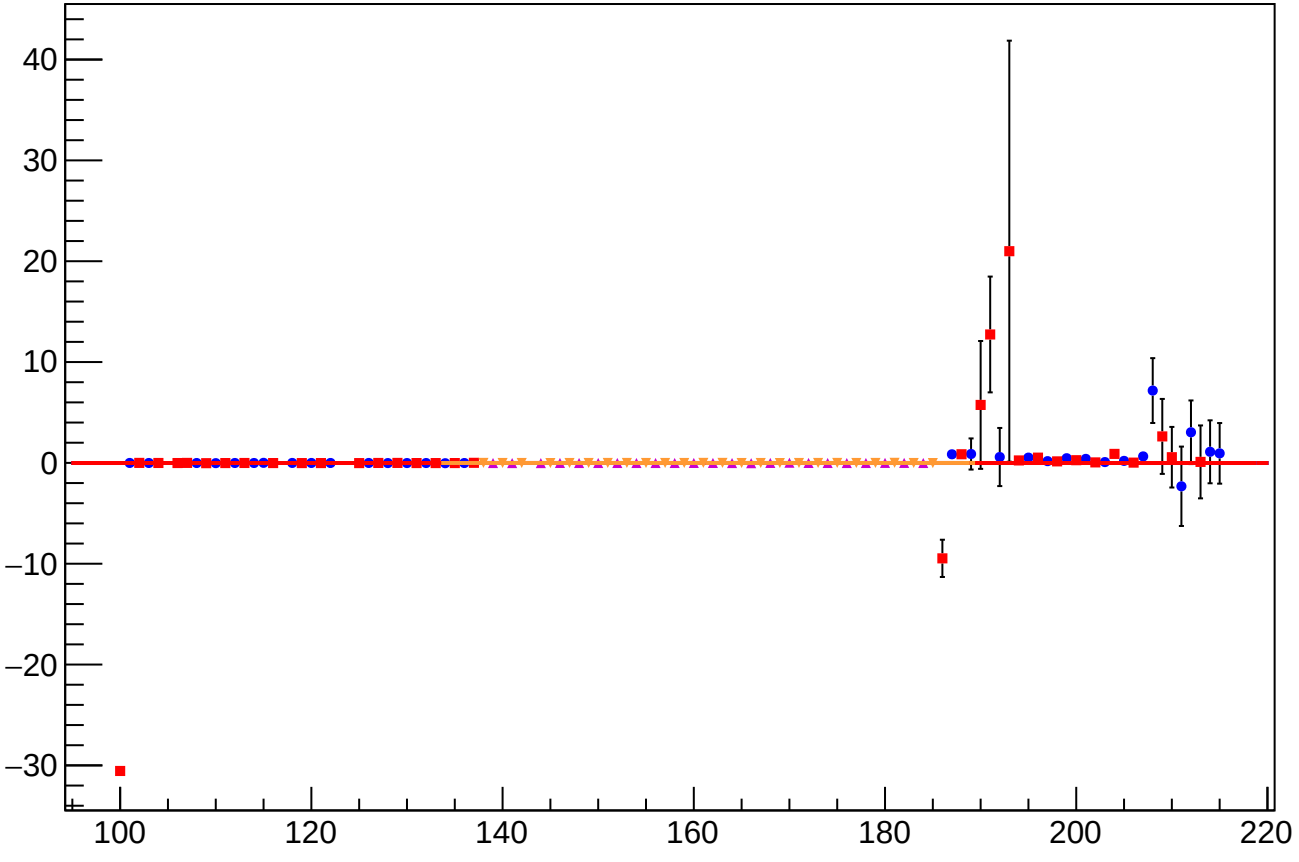
Left In: 0.069+/-0.020 χ^2/NDF:31.3/22

+ sign 0.076+/-0.017 χ^2/NDF: 77.2/54

All: 0.071+/-0.012 χ^2/NDF: 143.7/110

- sign 0.066+/-0.017 χ^2/NDF: 66.3/55

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: 11954.9/32

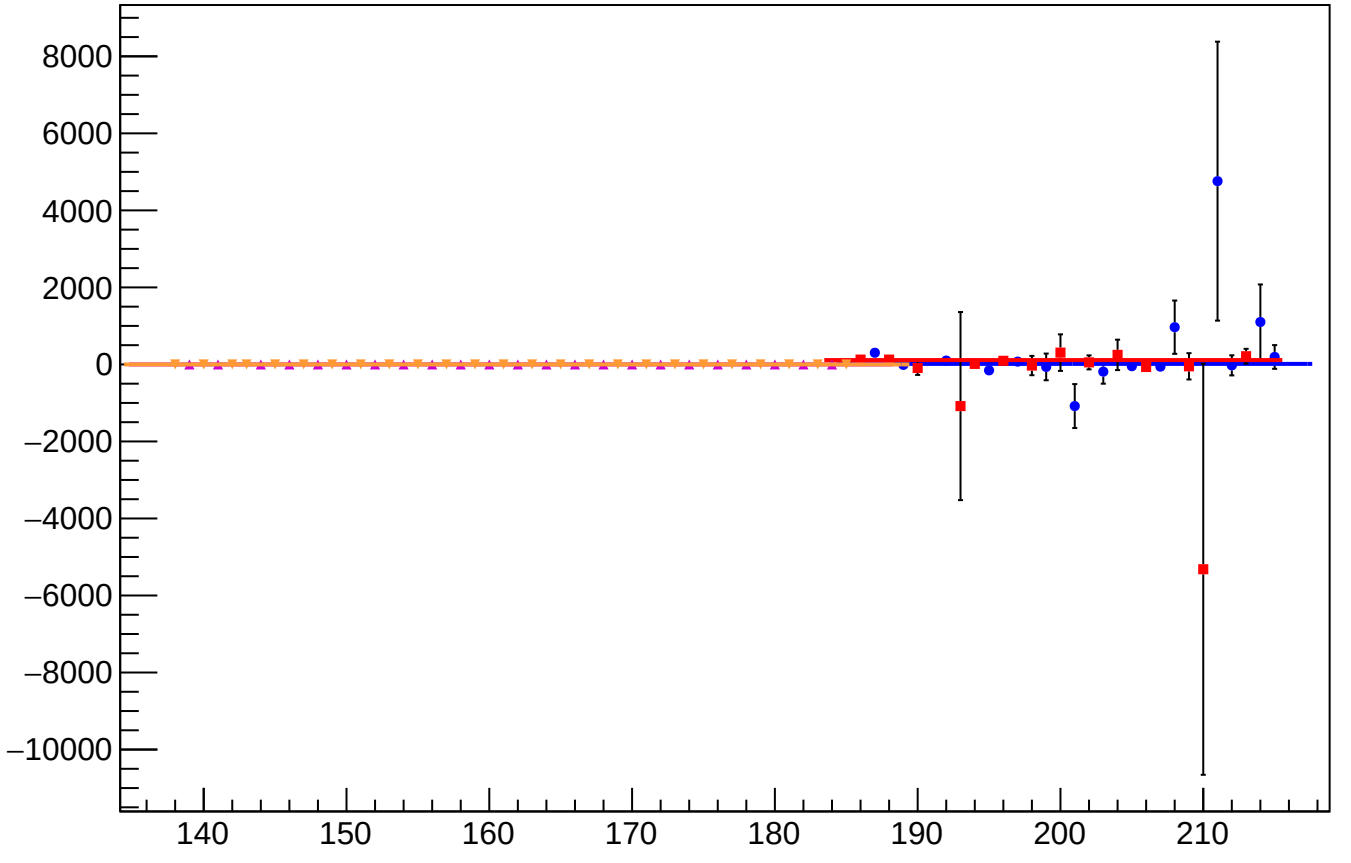
Left In: -0.009+/-0.001 χ^2/NDF:40.8/22

+ sign -0.009+/-0.001 χ^2/NDF: 81.6/54

All: -0.009+/-0.001 χ^2/NDF: 12080.1/110

- sign -0.009+/-0.001 χ^2/NDF: 11998.1/55

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: 113.239+/-16.110 χ^2/NDF: 8.8/13

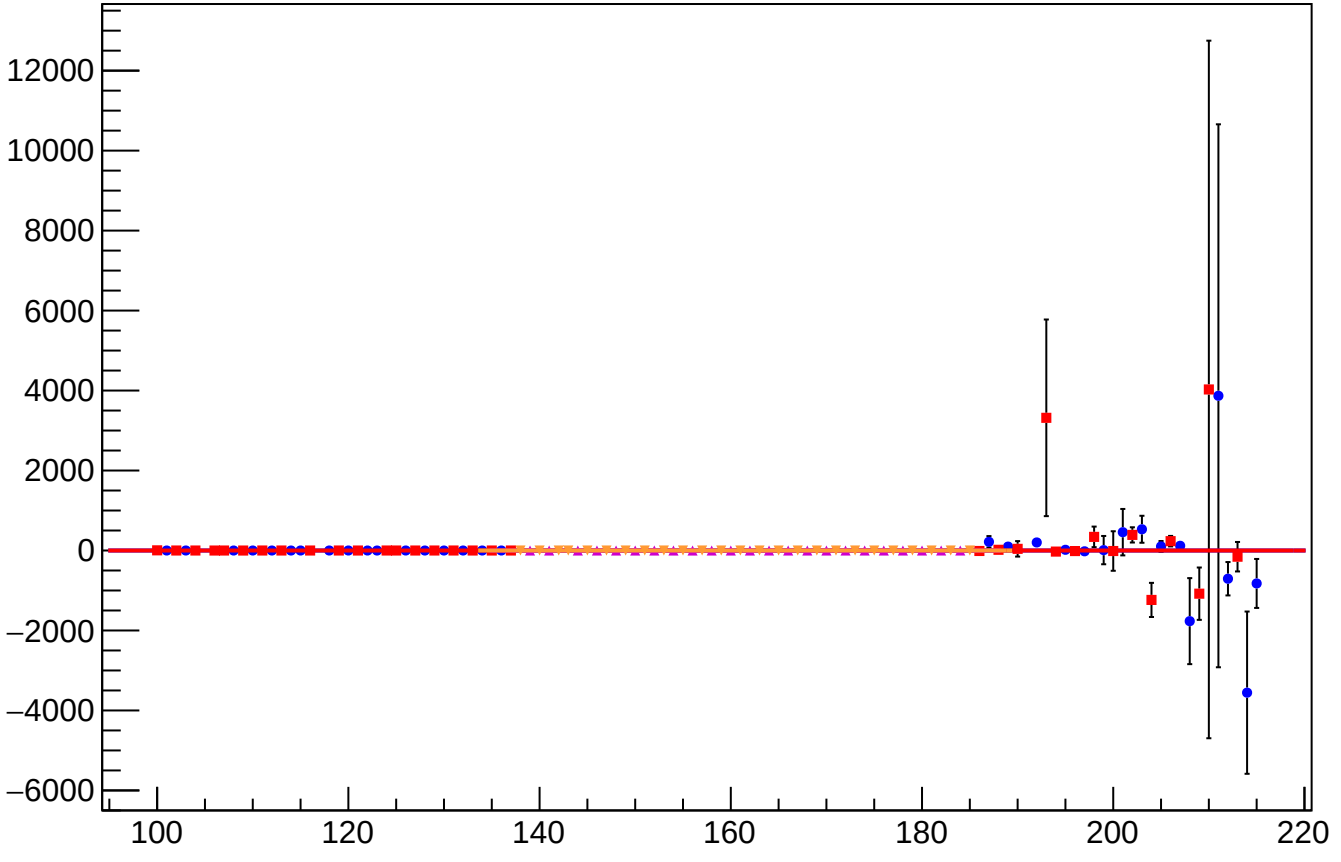
Left In: 0.002+/-0.028 χ^2/NDF:29.0/22

+ sign 0.017+/-0.027 χ^2/NDF: 56.8/39

All: 0.010+/-0.019 χ^2/NDF: 144.1/76

- sign 0.003+/-0.028 χ^2/NDF: 87.2/36

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: 41.4/32

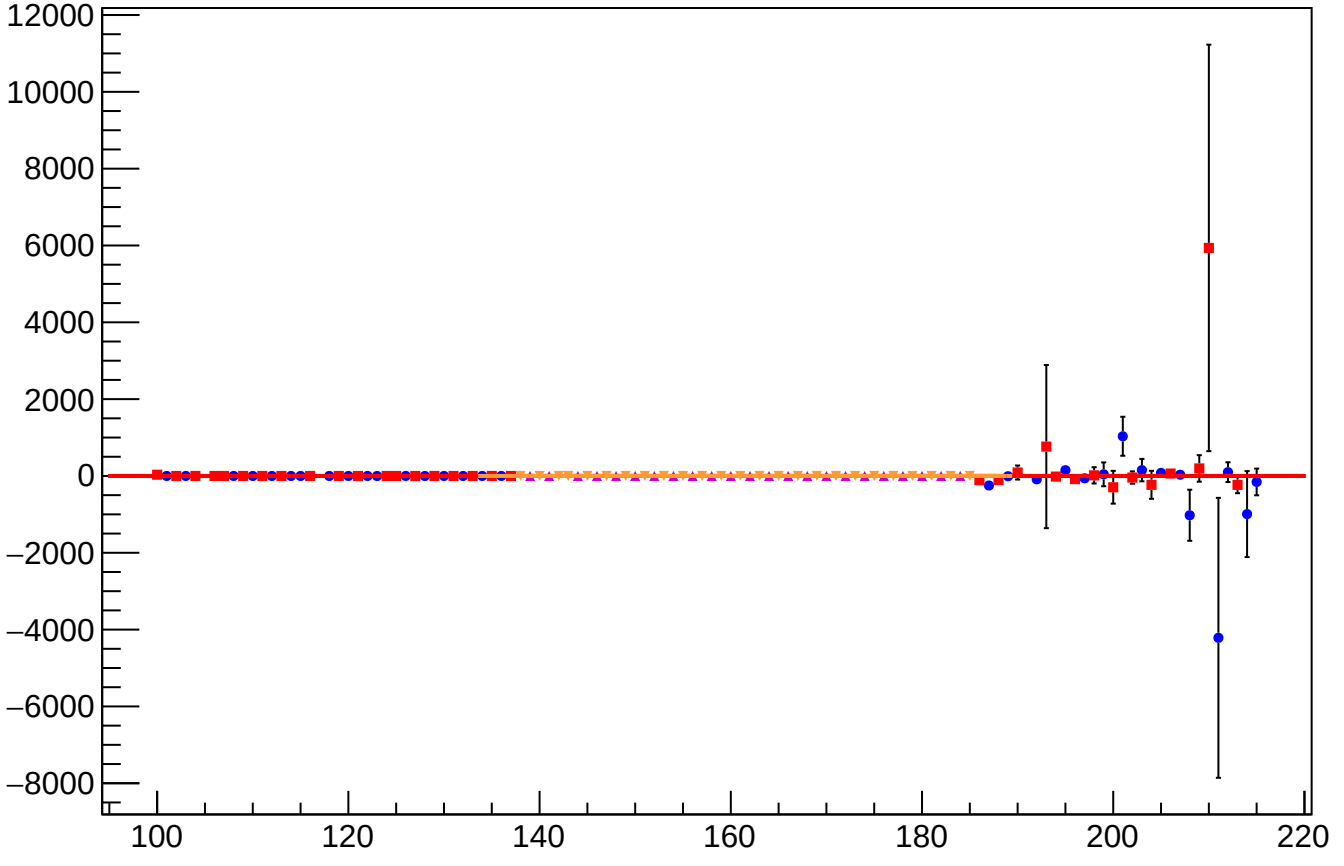
Left In: -0.071+/-0.022 χ^2/NDF:49.0/22

+ sign -0.050+/-0.018 χ^2/NDF: 75.2/56

All: -0.066+/-0.013 χ^2/NDF: 168.2/112

- sign -0.083+/-0.019 χ^2/NDF: 91.5/55

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: 81.8/32

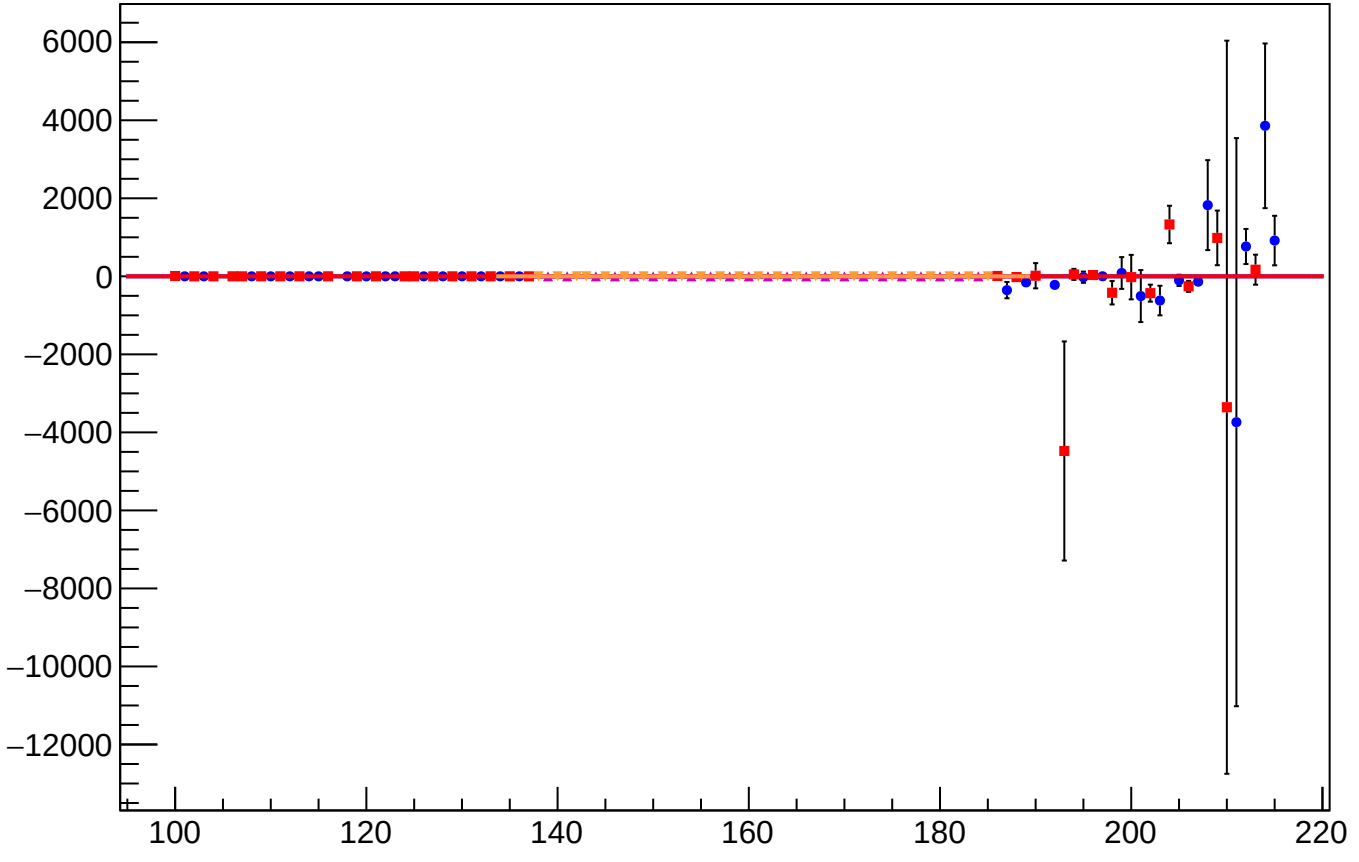
Left In: -0.033+/-0.027 χ^2/NDF:28.5/22

+ sign -0.035+/-0.025 χ^2/NDF: 82.6/56

All: -0.042+/-0.018 χ^2/NDF: 196.2/112

- sign -0.050+/-0.026 χ^2/NDF: 113.4/55

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: 38.9/32

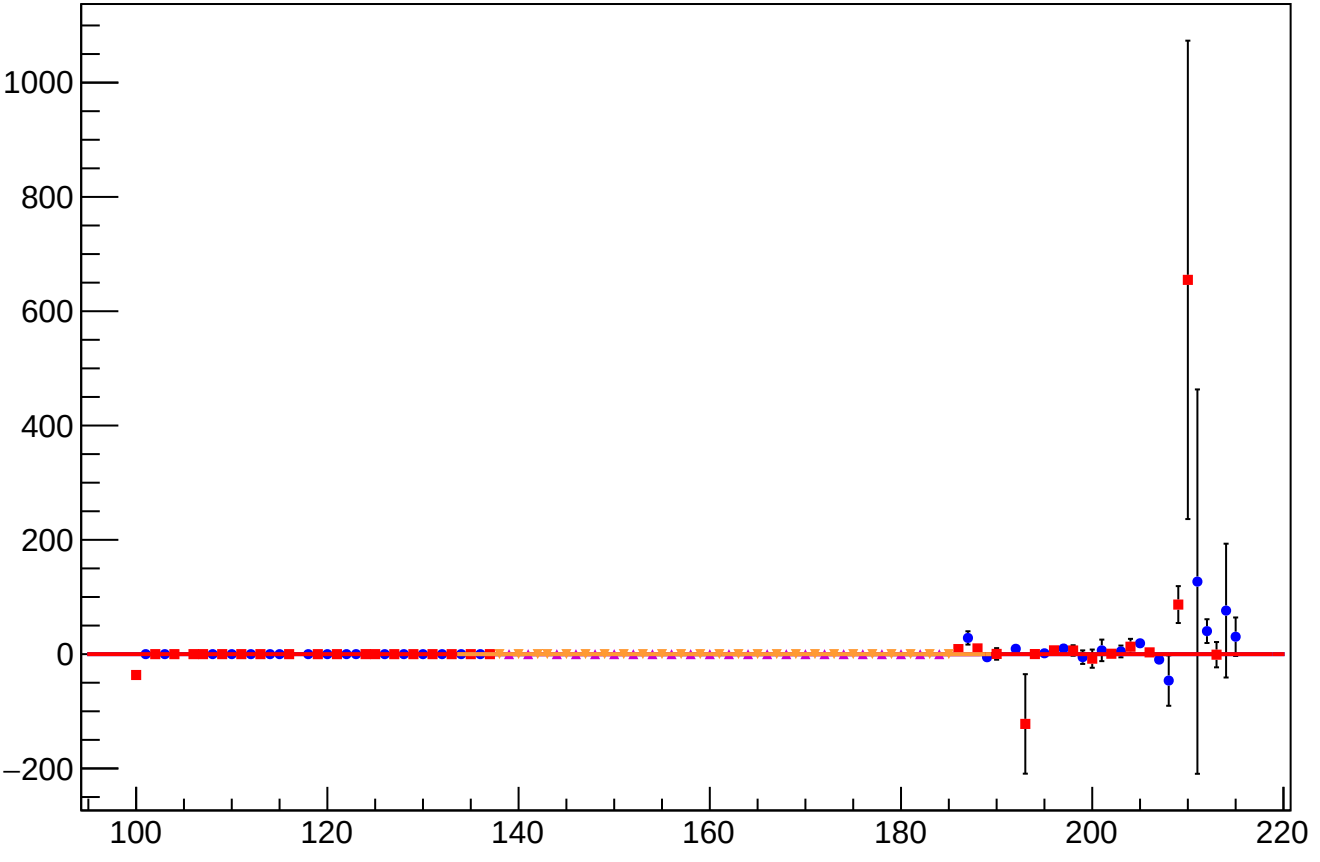
Left In: 0.069+/-0.025 χ^2/NDF:51.8/22

+ sign 0.052+/-0.021 χ^2/NDF: 74.6/56

All: 0.069+/-0.015 χ^2/NDF: 168.7/112

- sign 0.086+/-0.022 χ^2/NDF: 92.9/55

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: 10484.0/32

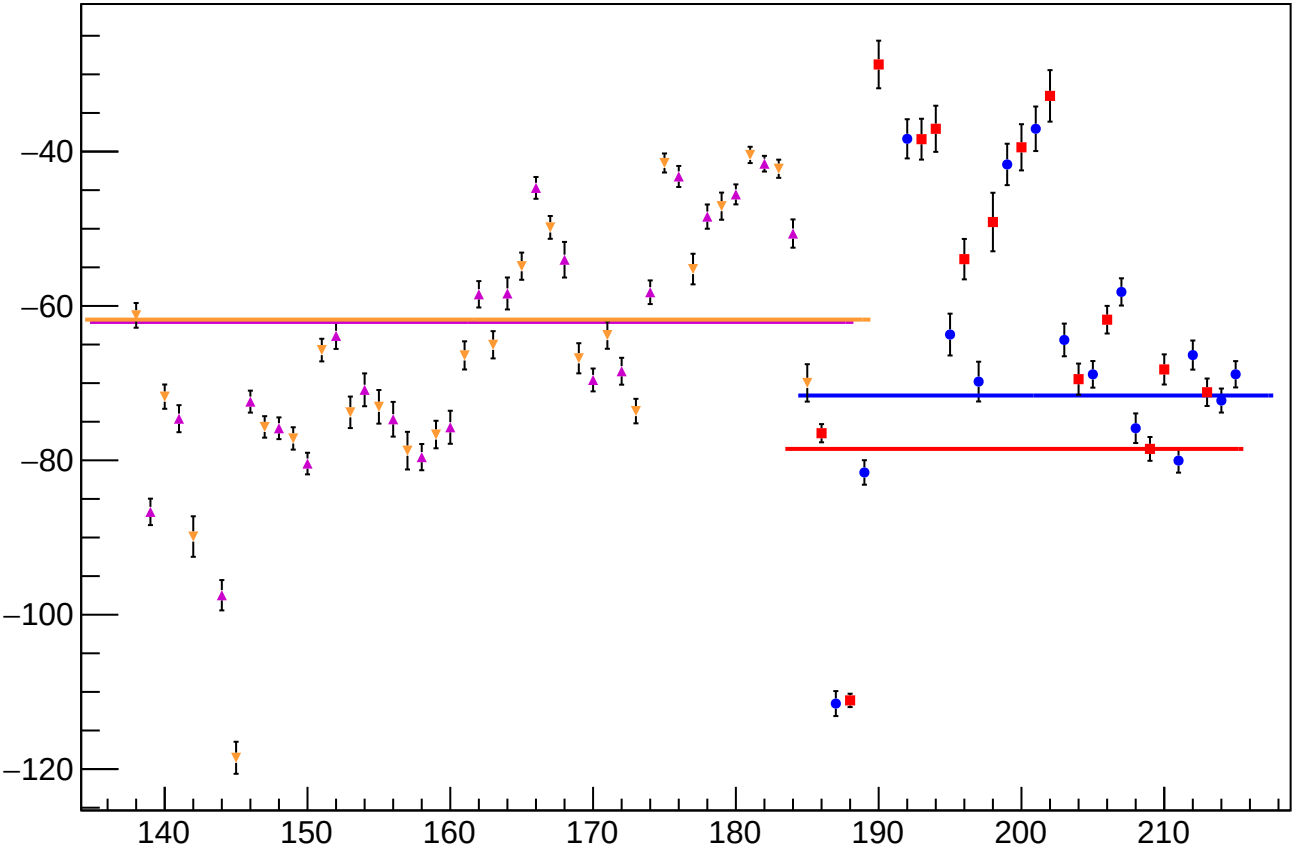
Left In: 0.009+/-0.001 χ^2/NDF:15.0/22

+ sign 0.007+/-0.001 χ^2/NDF: 103.6/56

All: 0.007+/-0.001 χ^2/NDF: 10613.0/112

- sign 0.007+/-0.001 χ^2/NDF: 10509.4/55

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: -78.521+/-0.477 χ^2/NDF: 2767.1/13

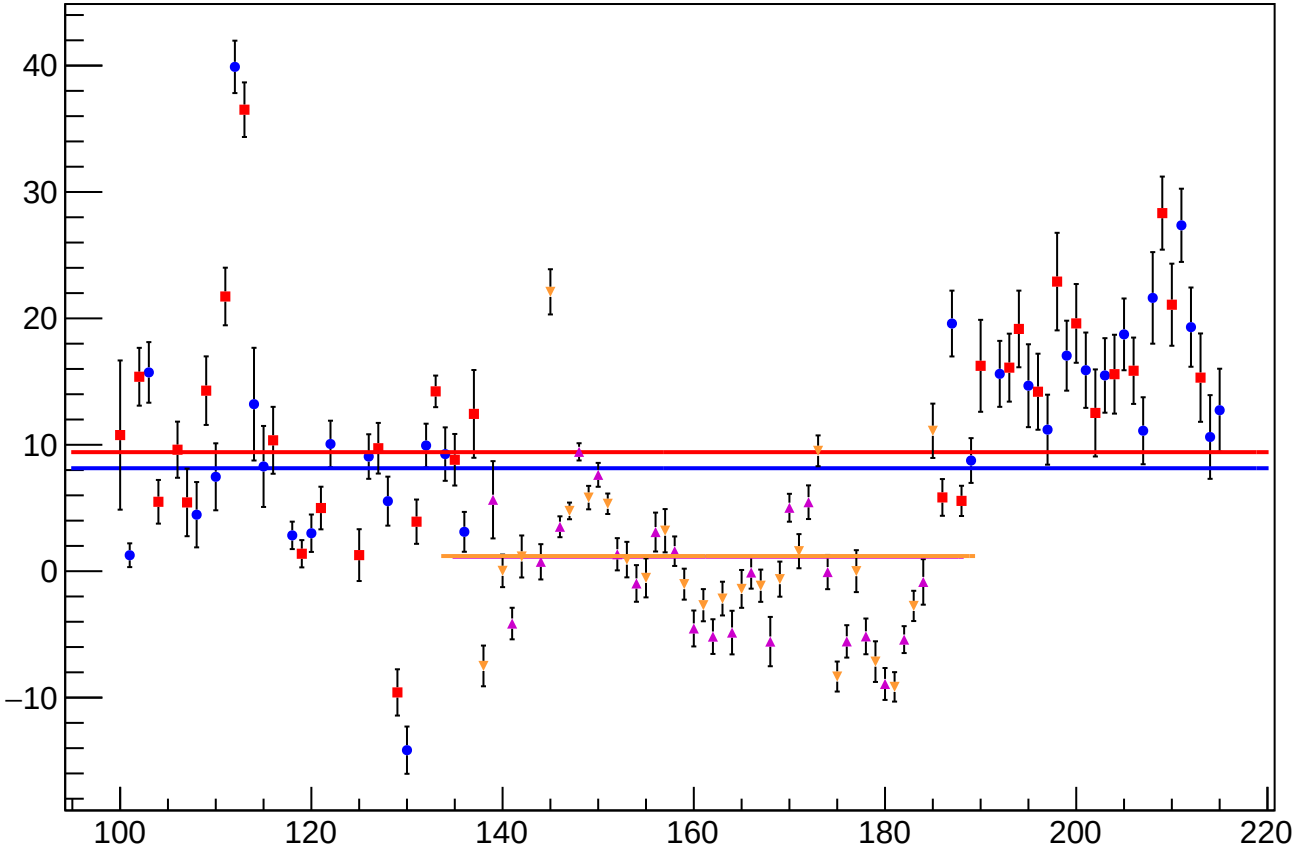
Left In: -62.073+/-0.332 χ^2/NDF:2192.0/22

+ sign -64.846+/-0.277 χ^2/NDF: 3989.3/38

All: -66.165+/-0.194 χ^2/NDF: 9793.5/75

- sign -67.446+/-0.273 χ^2/NDF: 5759.3/36

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: 9.418+/-0.371 χ^2/NDF: 547.0/31

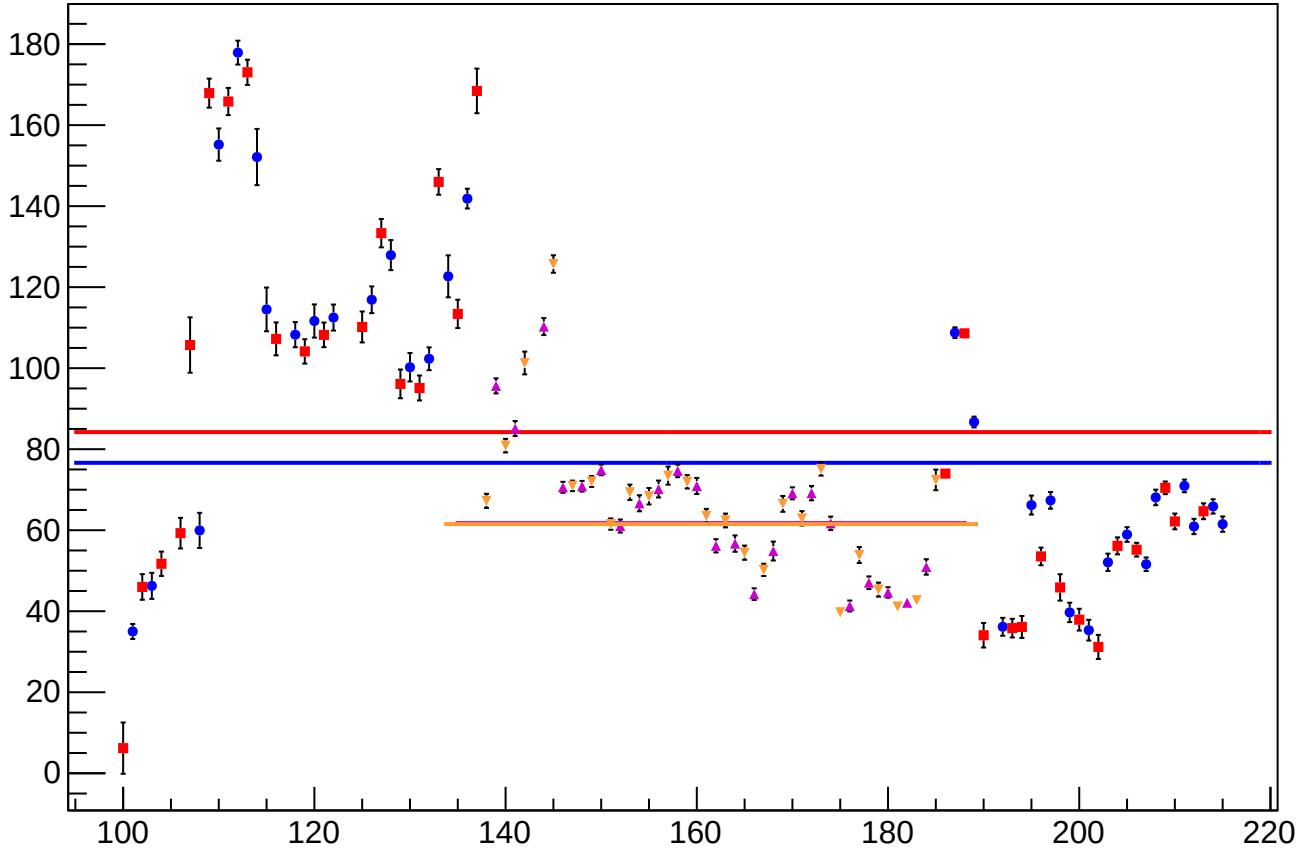
Left In: 1.146+/-0.255 χ^2/NDF:462.9/22

+ sign 3.417+/-0.208 χ^2/NDF: 1407.2/54

All: 3.610+/-0.148 χ^2/NDF: 2756.4/109

- sign 3.807+/-0.210 χ^2/NDF: 1347.5/54

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: 84.222+/-0.375 χ^2/NDF: 7621.2/31

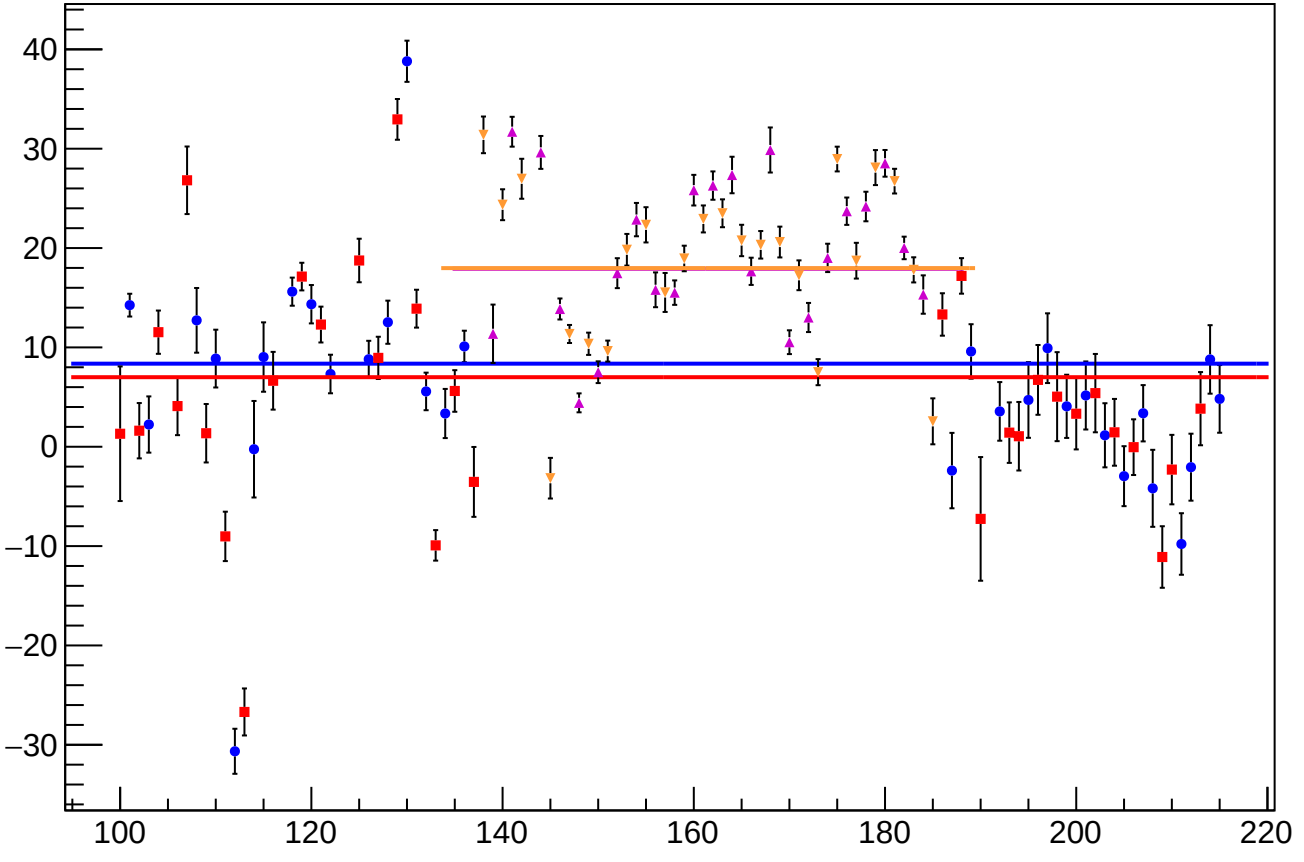
Left In: 61.762+/-0.330 χ^2/NDF:2418.2/22

\+ sign 67.556+/-0.258 χ^2/NDF: 9510.2/54

All: 69.645+/-0.178 χ^2/NDF: 21700.7/109

\- sign 71.576+/-0.248 χ^2/NDF: 12063.9/54

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: 7.001+/-0.441 χ^2/NDF: 792.5/31

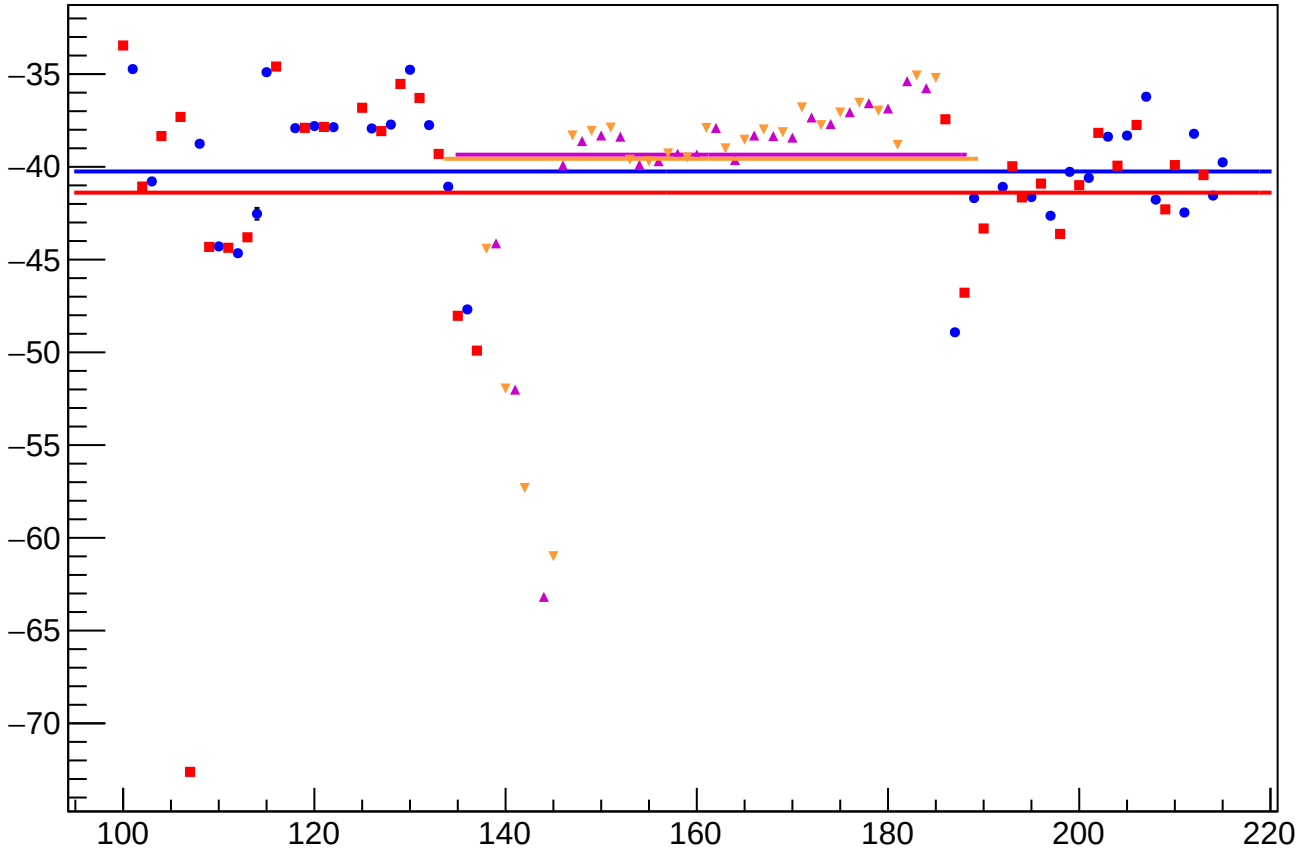
Left In: 17.916+/-0.292 χ^2/NDF:726.5/22

+ sign 14.949+/-0.241 χ^2/NDF: 1706.9/54

All: 14.769+/-0.171 χ^2/NDF: 3652.3/109

- sign 14.586+/-0.244 χ^2/NDF: 1944.3/54

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: -41.390+/-0.021 χ^2/NDF: 68706.0/31

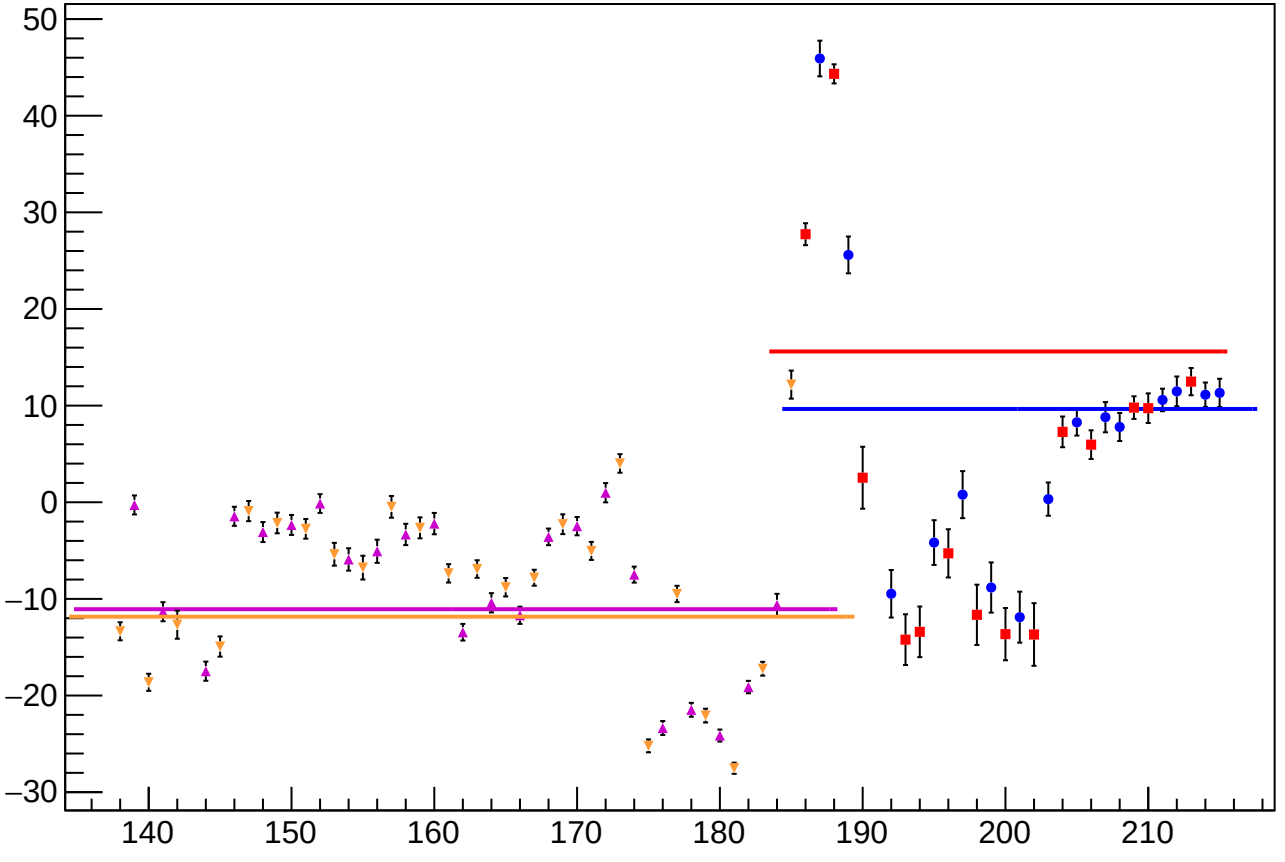
Left In: -39.344+/-0.014 χ^2/NDF:116615.7/22

+ sign -39.767+/-0.012 χ^2/NDF: 171825.1/54

All: -39.850+/-0.008 χ^2/NDF: 363764.4/109

- sign -39.932+/-0.011 χ^2/NDF: 191836.3/54

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: 15.601+/-0.439 χ^2/NDF: 1683.3/13

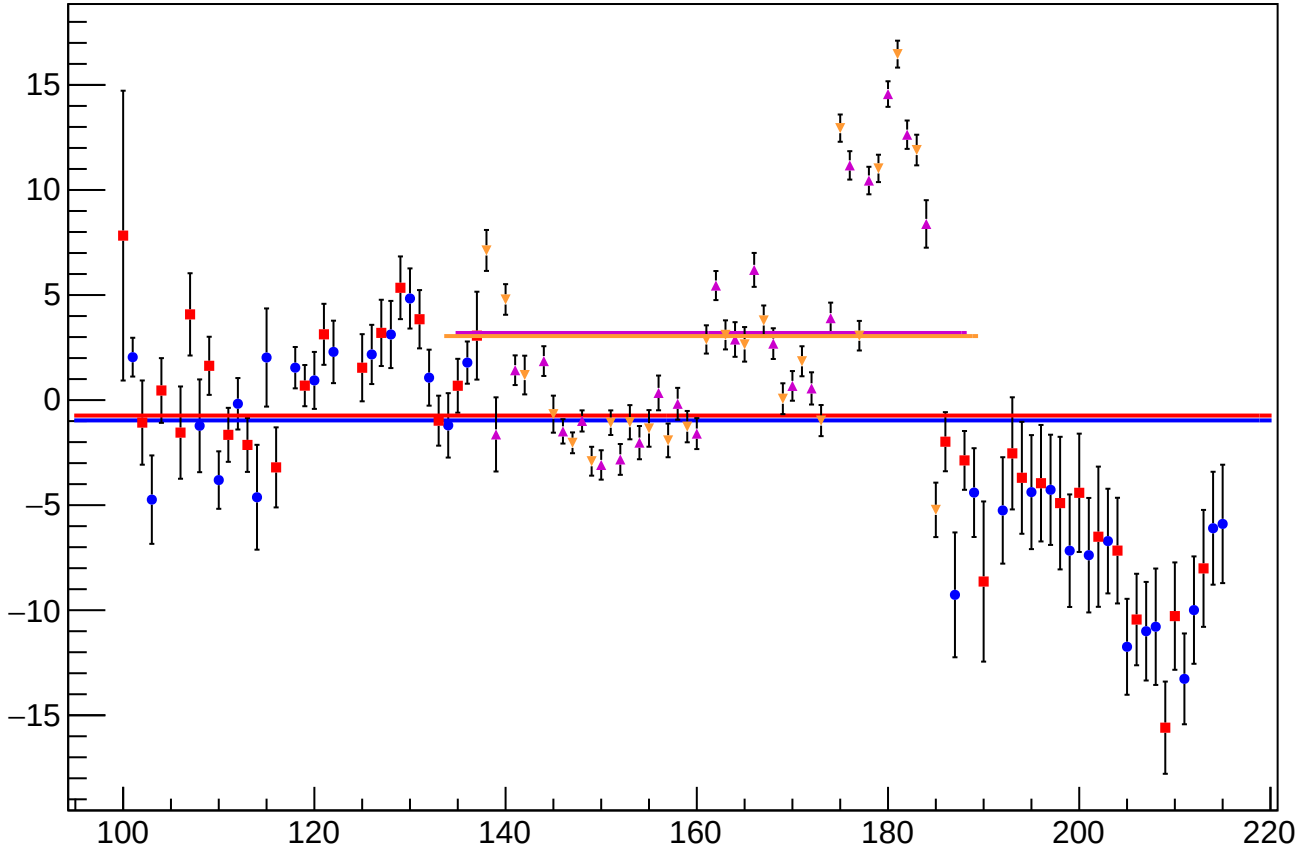
Left In: -11.067+/-0.188 χ^2/NDF:2104.8/22

+ sign -8.440+/-0.171 χ^2/NDF: 5555.3/38

All: -7.694+/-0.122 χ^2/NDF: 12499.7/75

- sign -6.936+/-0.173 χ^2/NDF: 6906.2/36

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: -0.736+/-0.306 χ^2/NDF: 174.1/31

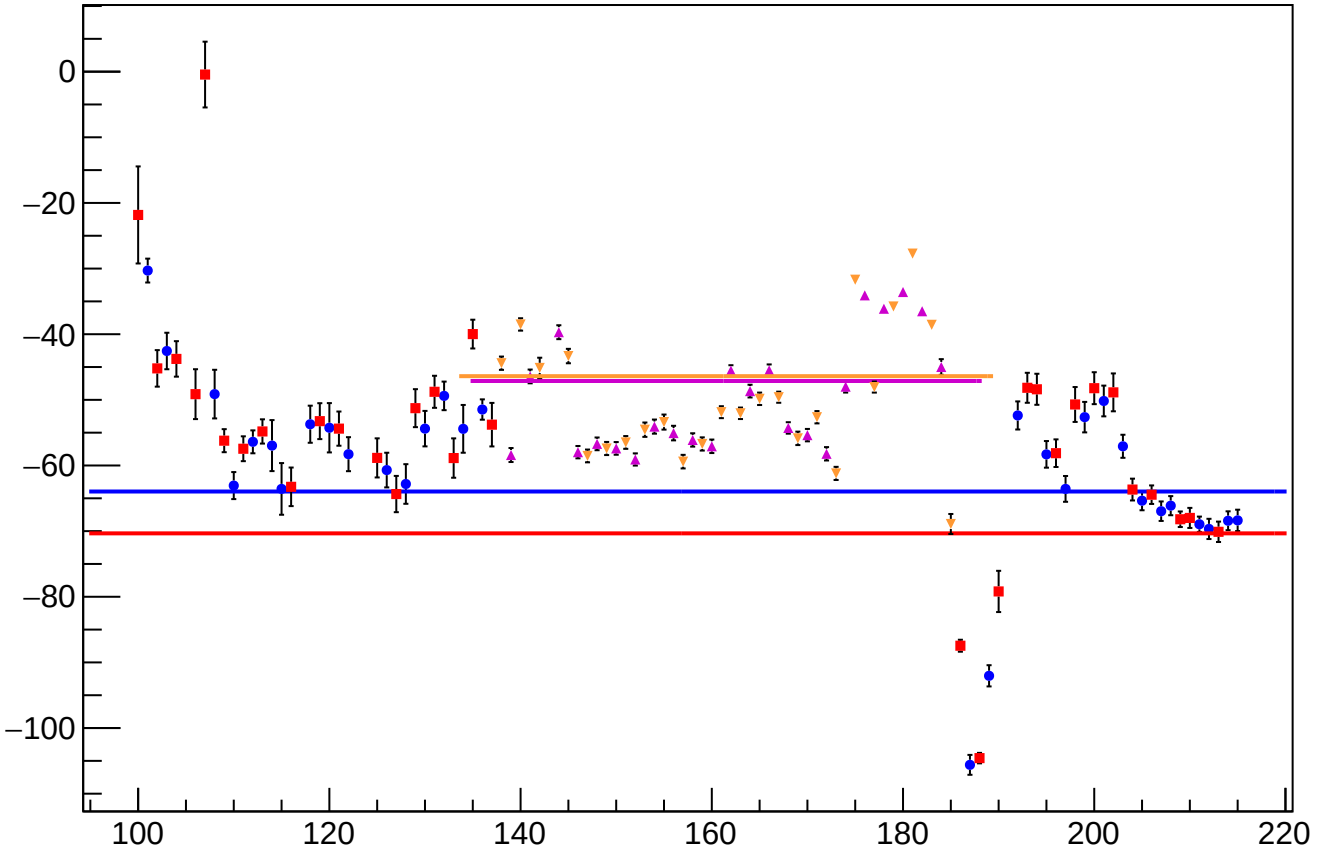
Left In: 3.194+/-0.150 χ^2/NDF:1295.0/22

+ sign 2.275+/-0.133 χ^2/NDF: 1809.8/54

All: 2.354+/-0.095 χ^2/NDF: 3412.4/109

- sign 2.434+/-0.135 χ^2/NDF: 1601.9/54

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: -70.340+/-0.334 χ^2/NDF: 3732.5/31

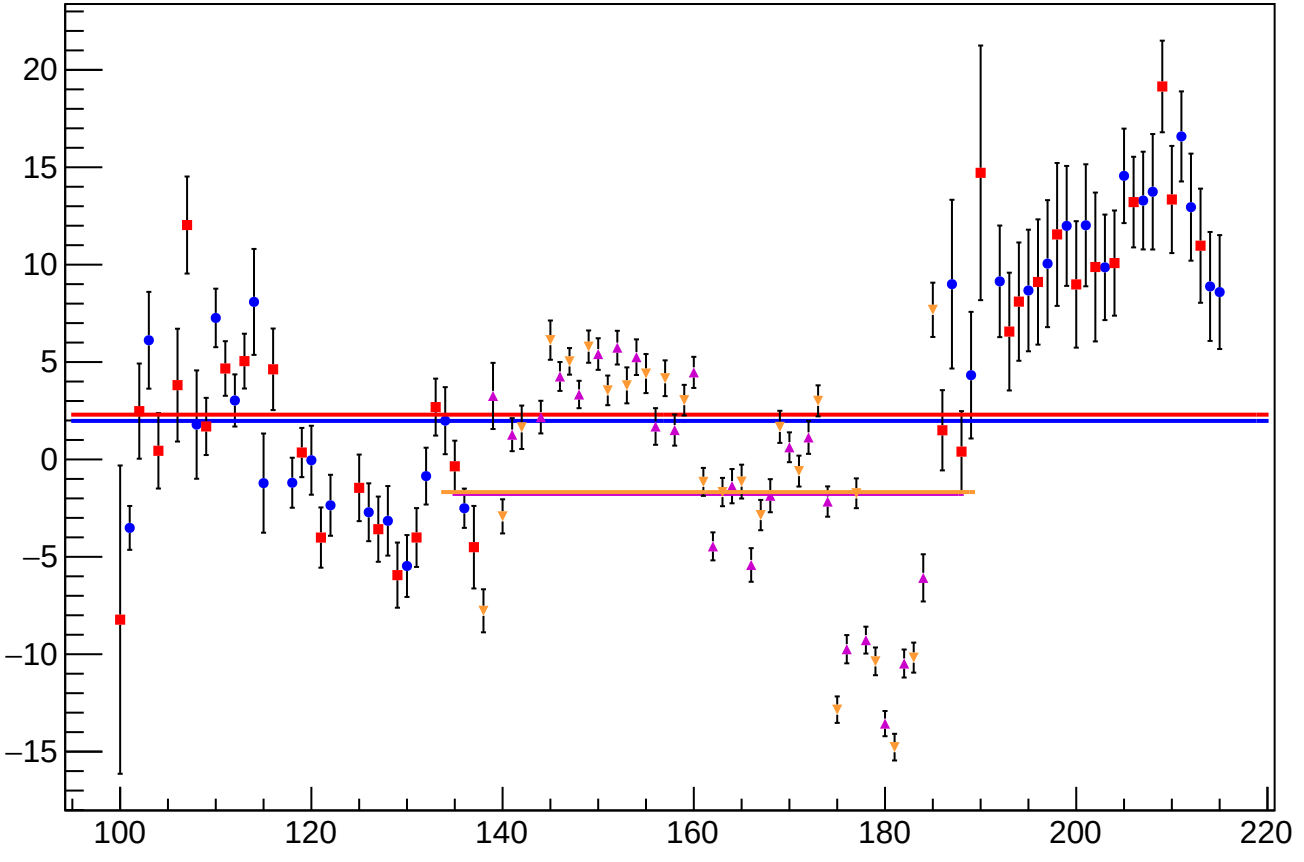
Left In: -47.128+/-0.187 χ^2/NDF:2516.0/22

+ sign -50.323+/-0.164 χ^2/NDF: 7090.2/54

All: -51.504+/-0.116 χ^2/NDF: 17112.2/109

- sign -52.669+/-0.163 χ^2/NDF: 9919.5/54

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: 2.300+/-0.353 χ^2/NDF: 254.5/31

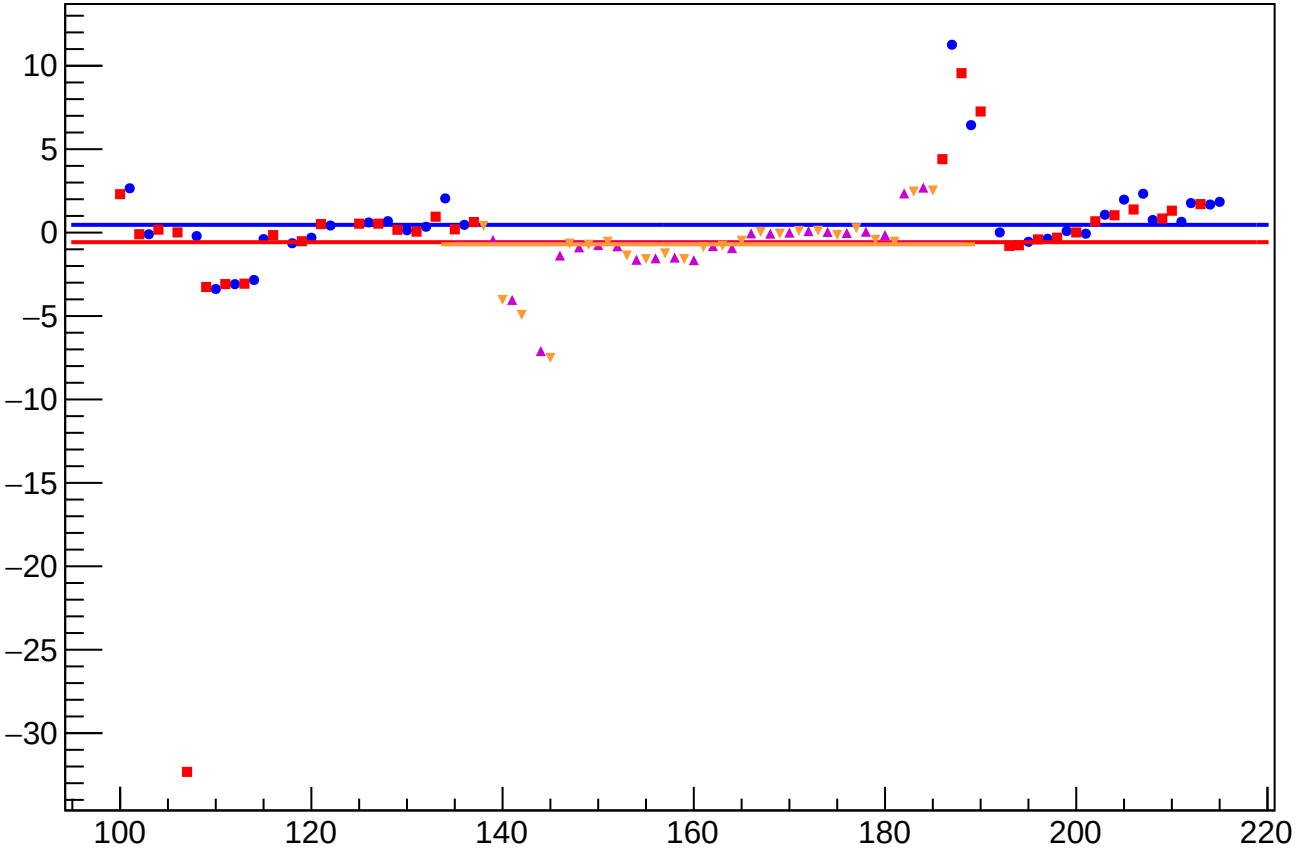
Left In: -1.771+/-0.169 χ^2/NDF:1251.3/22

+ sign -0.977+/-0.150 χ^2/NDF: 1879.9/54

All: -0.994+/-0.107 χ^2/NDF: 3494.0/109

- sign -1.011+/-0.152 χ^2/NDF: 1614.1/54

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: -0.573+/-0.017 χ^2/NDF: 94031.1/31

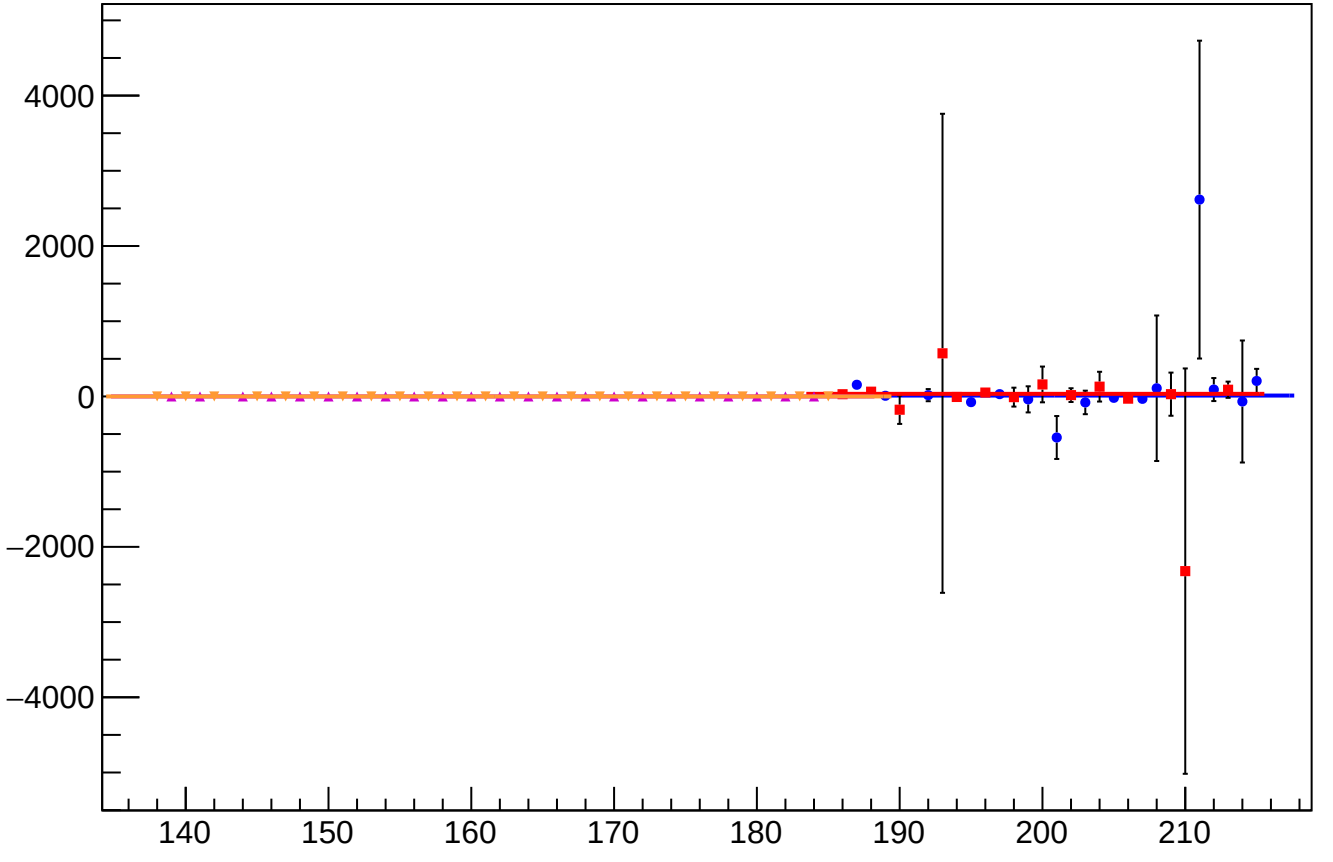
Left In: -0.644+/-0.008 χ^2/NDF:44169.2/22

+ sign -0.510+/-0.007 χ^2/NDF: 67898.0/54

All: -0.571+/-0.005 χ^2/NDF: 206265.3/109

- sign -0.632+/-0.007 χ^2/NDF: 138214.0/54

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: 34.398+/-9.632 χ^2/NDF: 7.6/13

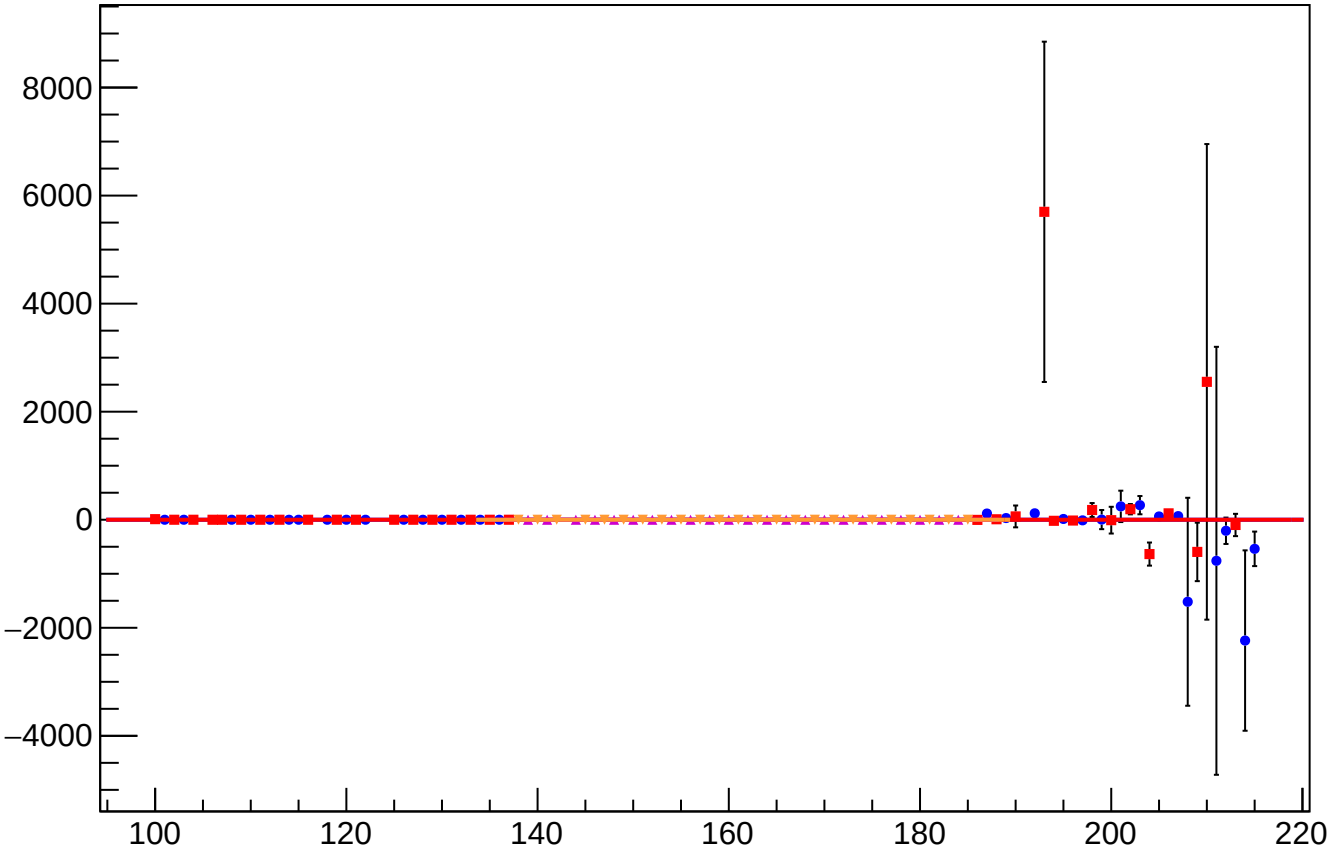
Left In: -0.010+/-0.018 χ^2/NDF:35.1/22

+ sign -0.037+/-0.018 χ^2/NDF: 58.7/38

All: -0.024+/-0.013 χ^2/NDF: 115.3/75

- sign -0.010+/-0.018 χ^2/NDF: 55.5/36

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: 36.6/31

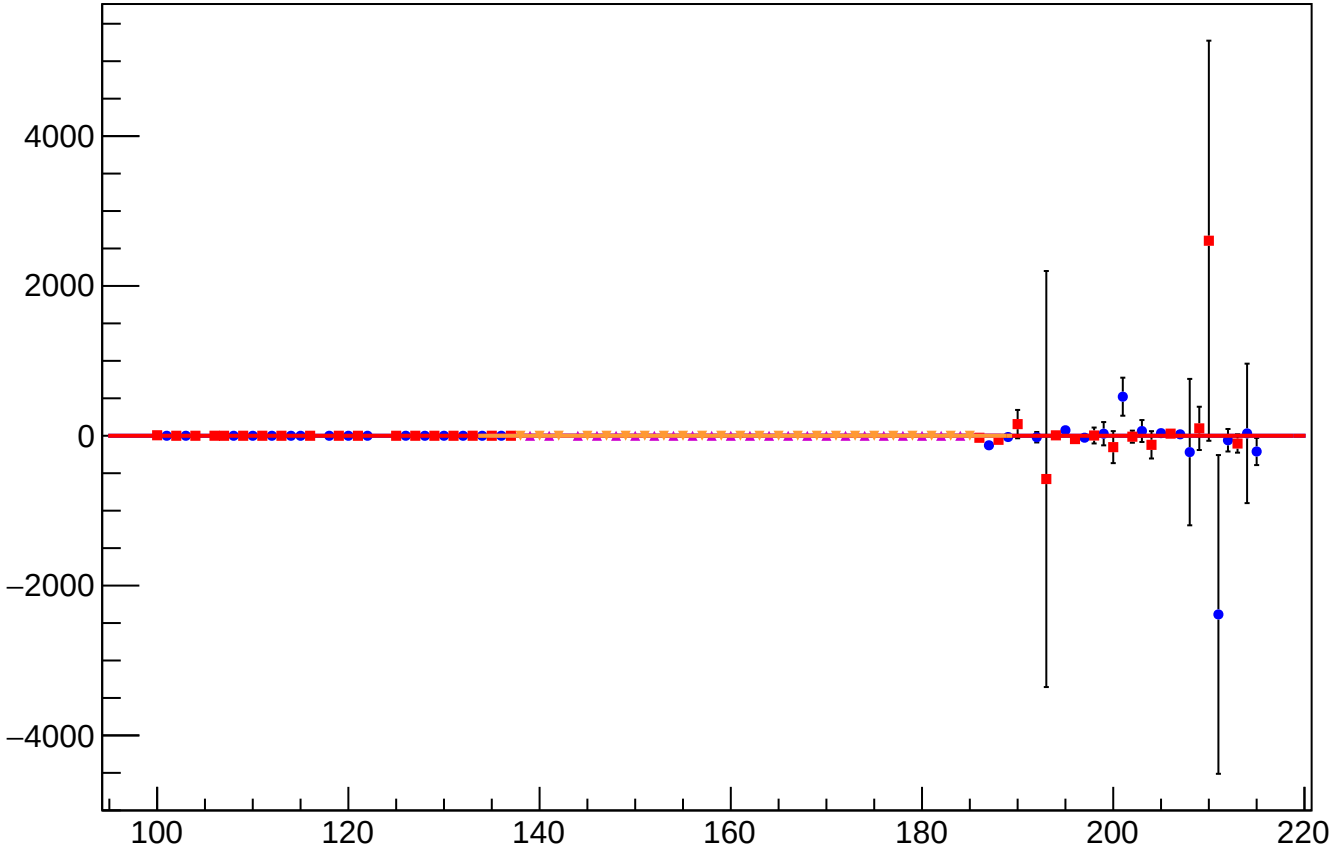
Left In: -0.064+/-0.014 χ^2/NDF:41.1/22

+ sign -0.057+/-0.012 χ^2/NDF: 62.0/54

All: -0.063+/-0.009 χ^2/NDF: 140.9/109

- sign -0.070+/-0.012 χ^2/NDF: 78.3/54

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: 32.5/31

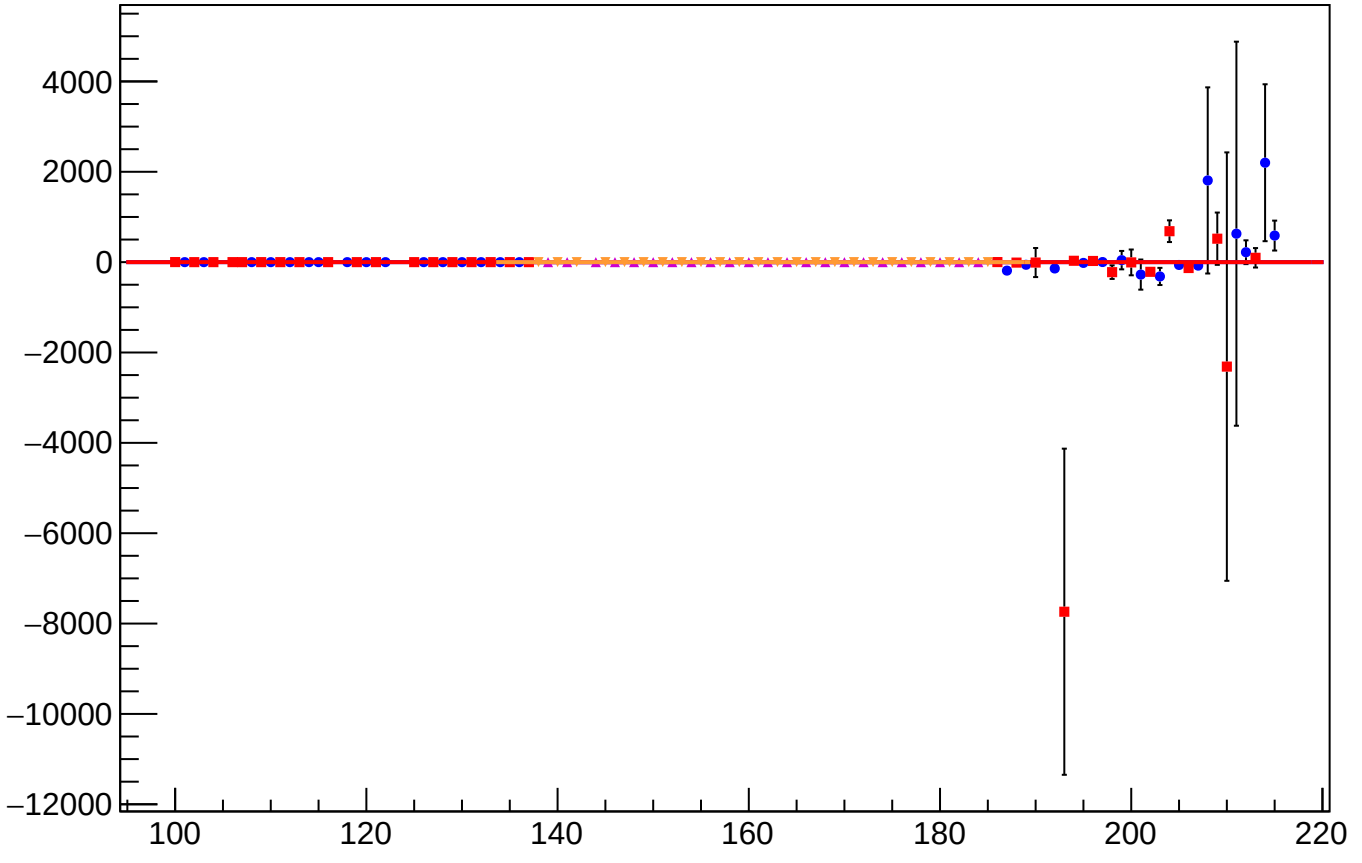
Left In: -0.009+/-0.018 χ^2/NDF:36.8/22

\+ sign 0.032+/-0.017 χ^2/NDF: 65.3/54

All: 0.015+/-0.012 χ^2/NDF: 137.6/109

\- sign -0.003+/-0.017 χ^2/NDF: 70.0/54

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: 32.0/31

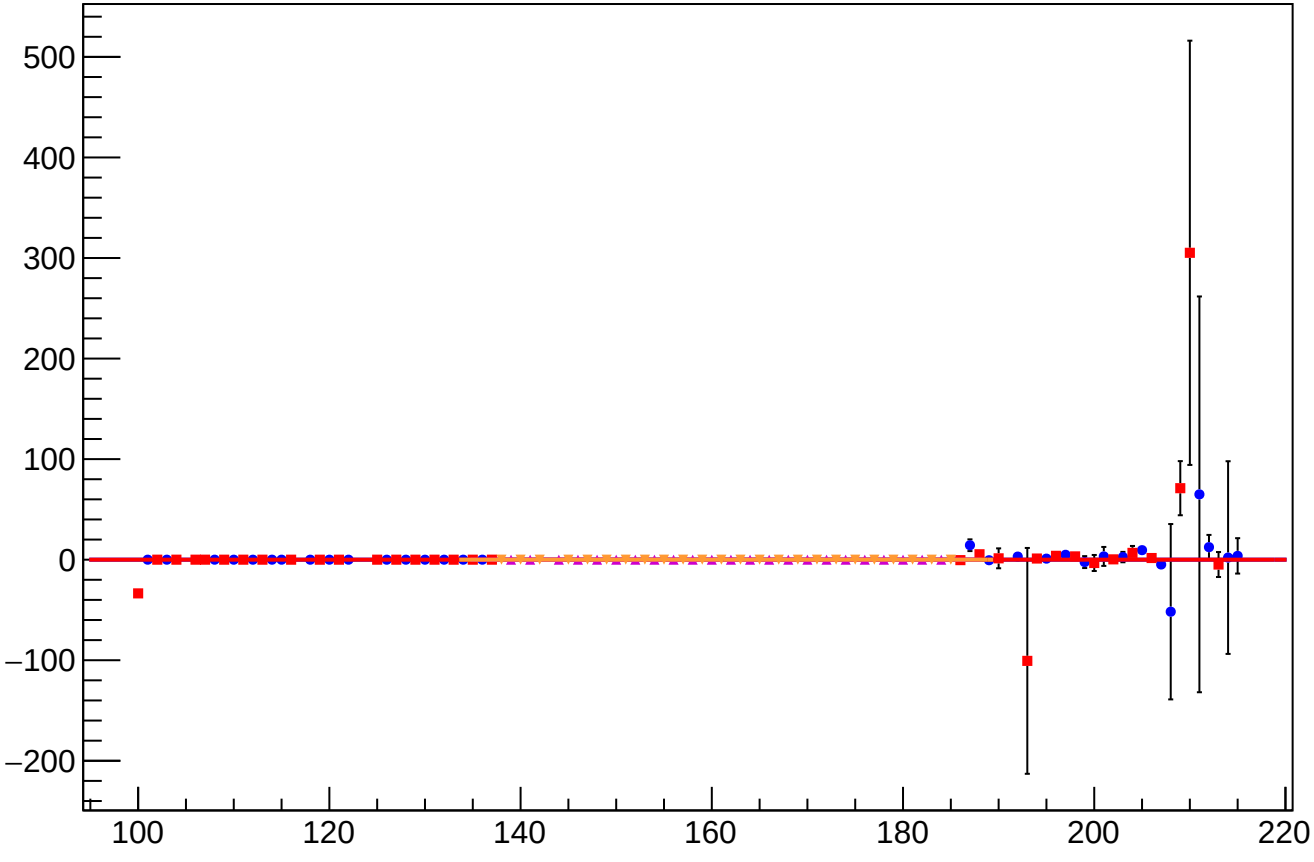
Left In: 0.070+/-0.016 χ^2/NDF:44.8/22

+ sign 0.066+/-0.014 χ^2/NDF: 64.8/54

All: 0.072+/-0.010 χ^2/NDF: 143.1/109

- sign 0.078+/-0.014 χ^2/NDF: 78.0/54

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: 26530.8/31

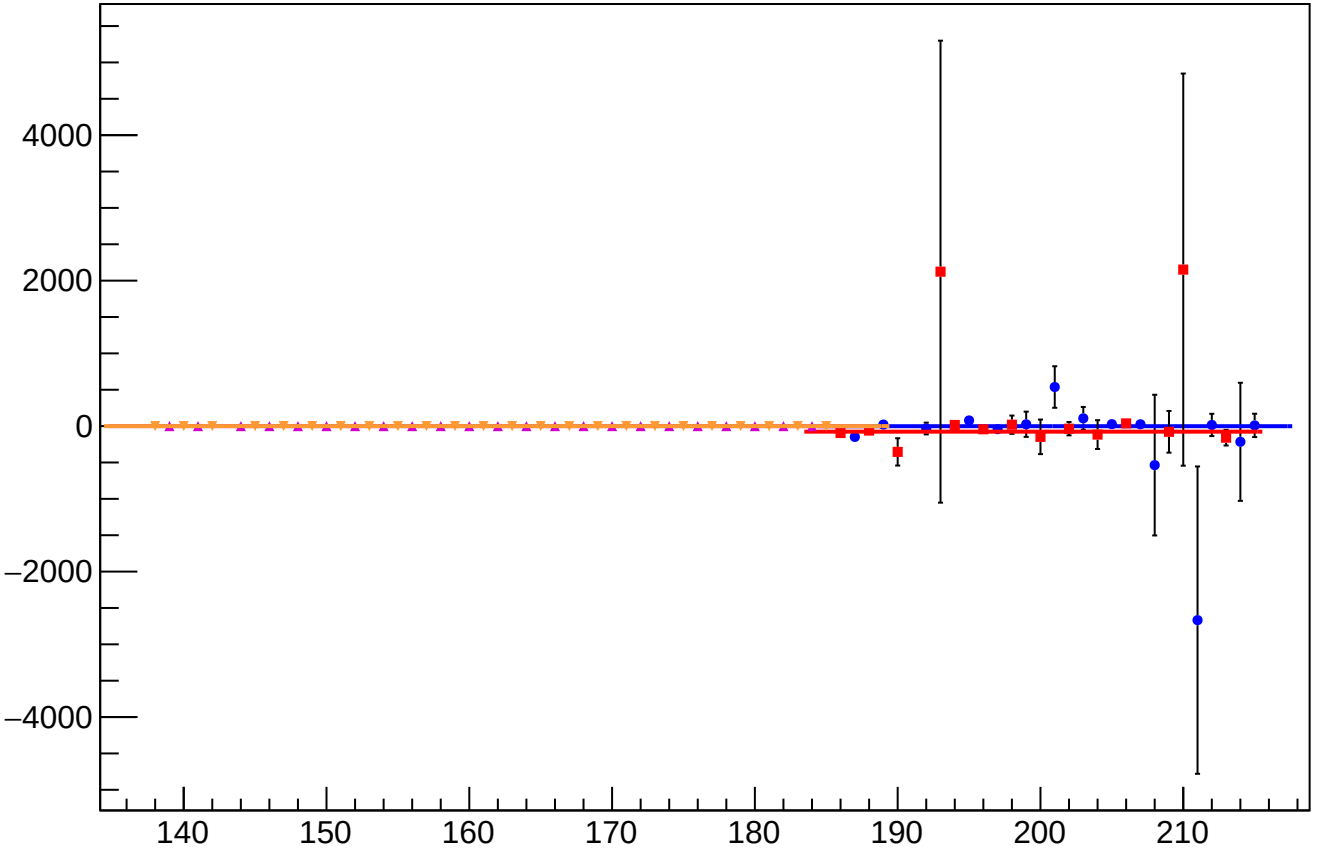
Left In: 0.000+/-0.001 χ^2/NDF:22.3/22

\+ sign -0.001+/-0.001 χ^2/NDF: 84.2/54

All: -0.001+/-0.000 χ^2/NDF: 26651.3/109

\- sign -0.001+/-0.001 χ^2/NDF: 26567.0/54

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: -76.199+/-9.635 χ^2/NDF: 16.6/13

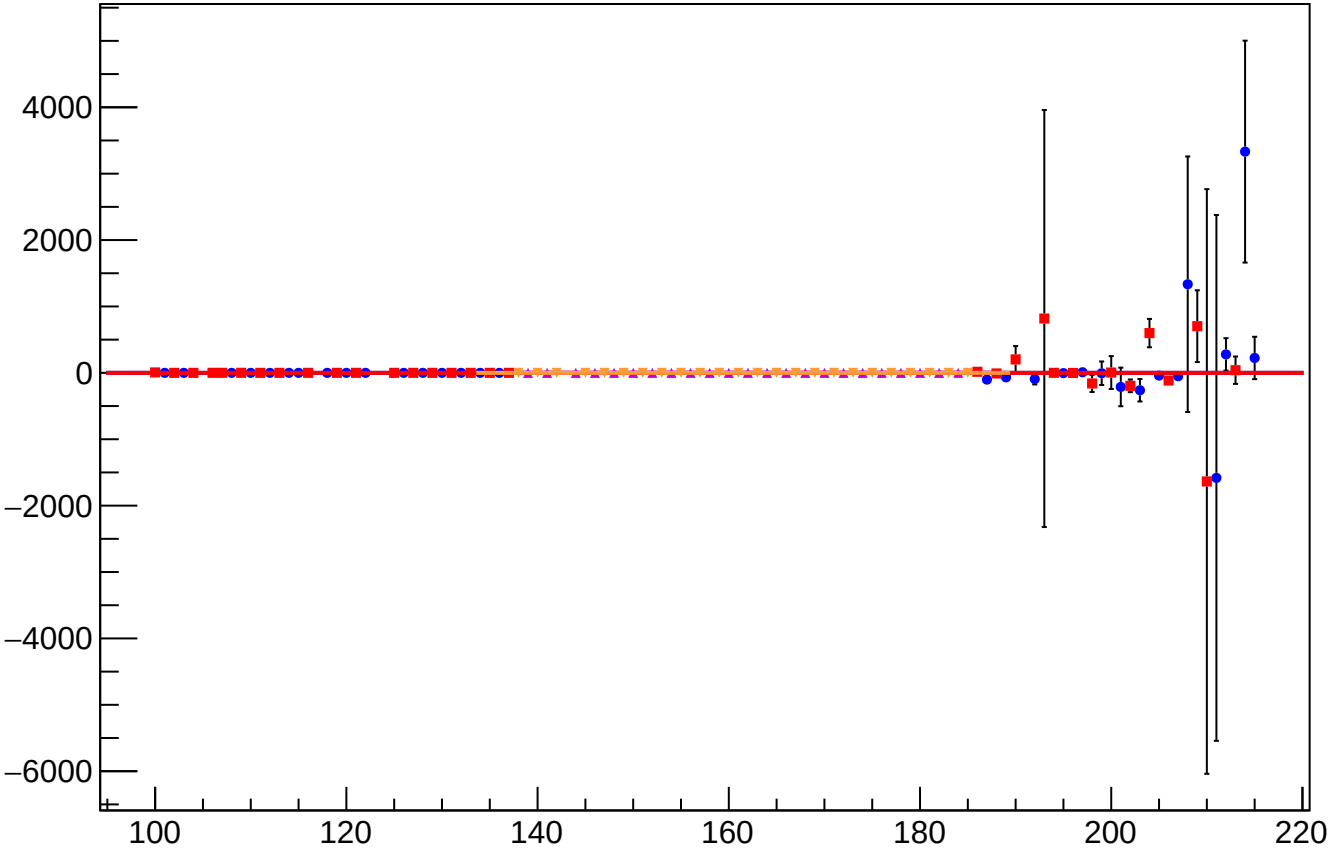
Left In: -0.009+/-0.018 χ^2/NDF:35.1/22

+ sign -0.052+/-0.018 χ^2/NDF: 59.2/38

All: -0.031+/-0.013 χ^2/NDF: 176.3/75

- sign -0.009+/-0.018 χ^2/NDF: 114.2/36

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: 49.6/31

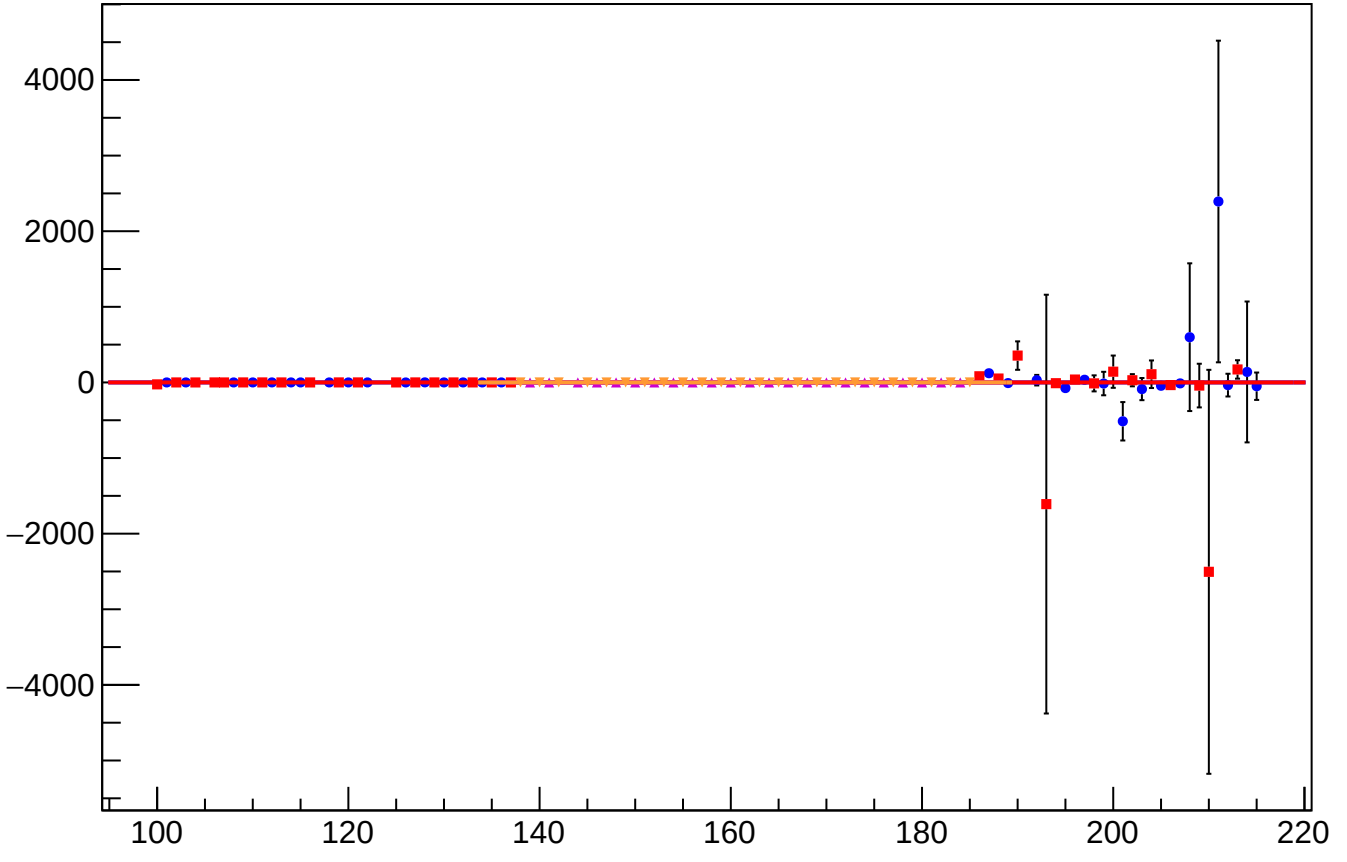
Left In: 0.005+/-0.014 χ^2/NDF:49.6/22

\+ sign -0.006+/-0.012 χ^2/NDF: 73.7/54

All: 0.003+/-0.009 χ^2/NDF: 175.2/109

\- sign 0.013+/-0.012 χ^2/NDF: 100.4/54

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: 111.5/31

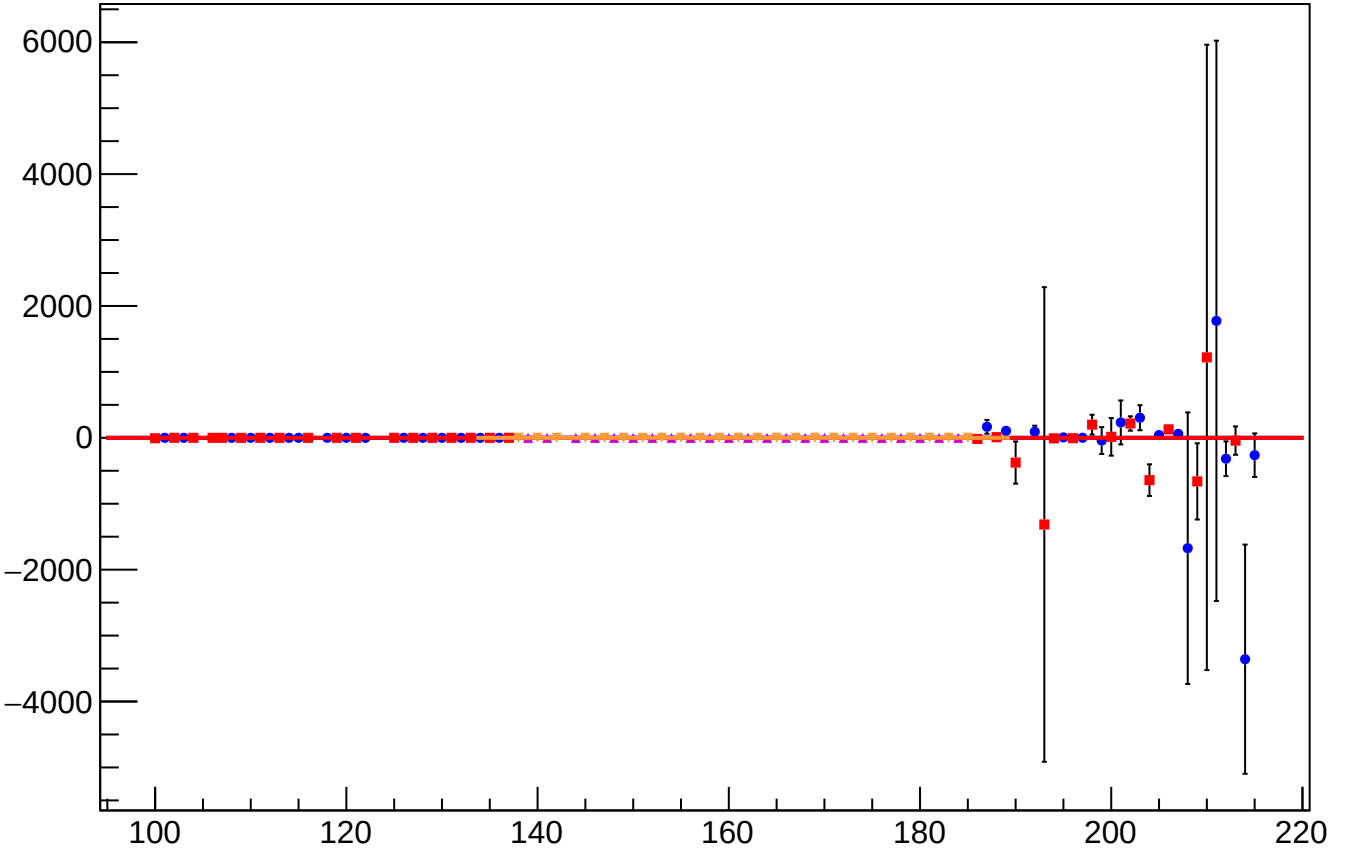
Left In: 0.020+/-0.018 χ^2/NDF:35.8/22

+ sign 0.064+/-0.017 χ^2/NDF: 92.8/54

All: 0.054+/-0.012 χ^2/NDF: 254.2/109

- sign 0.044+/-0.017 χ^2/NDF: 160.7/54

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: 46.1/31

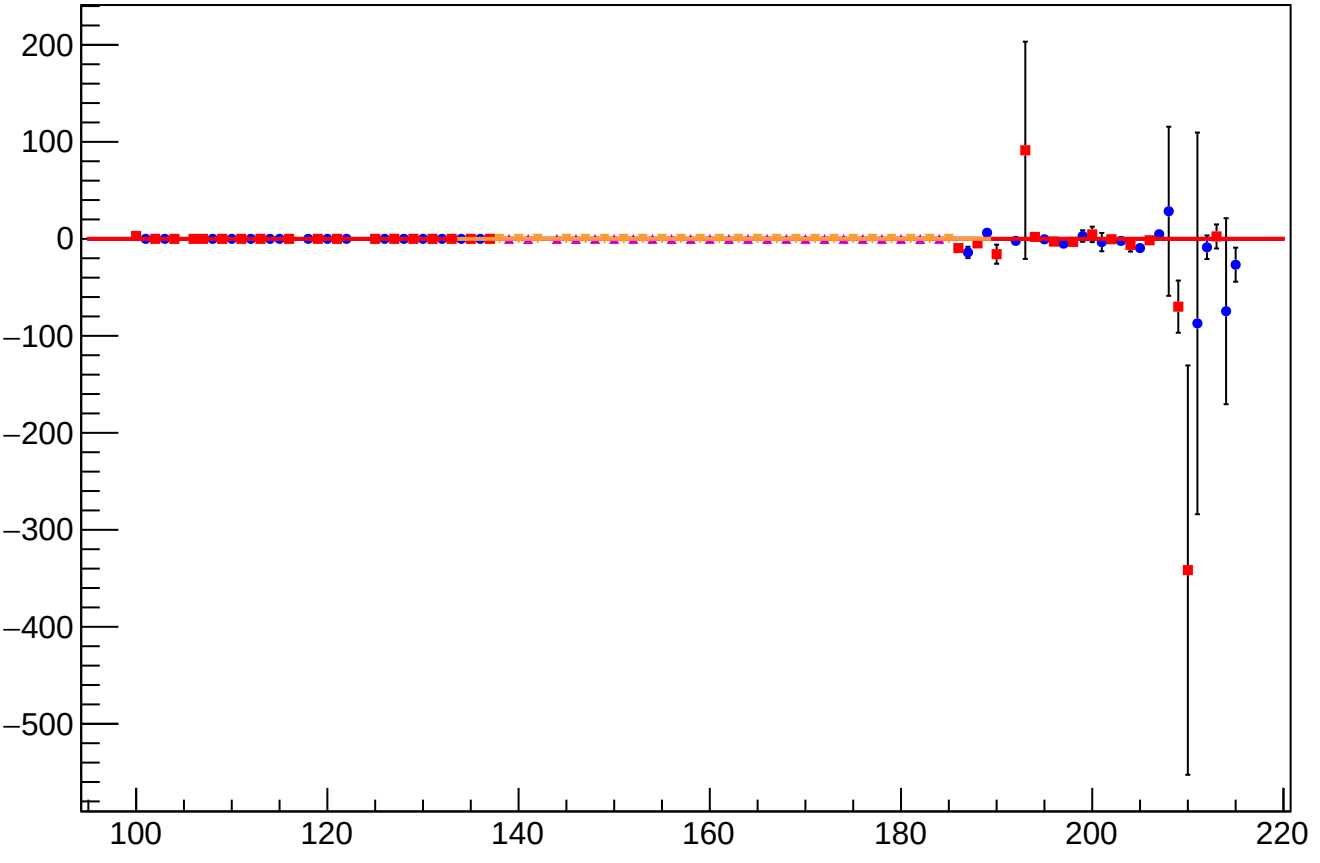
Left In: 0.006+/-0.016 χ^2/NDF:50.1/22

+ sign 0.013+/-0.014 χ^2/NDF: 77.8/54

All: 0.004+/-0.010 χ^2/NDF: 177.5/109

- sign -0.007+/-0.014 χ^2/NDF: 98.7/54

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: 224.3/31

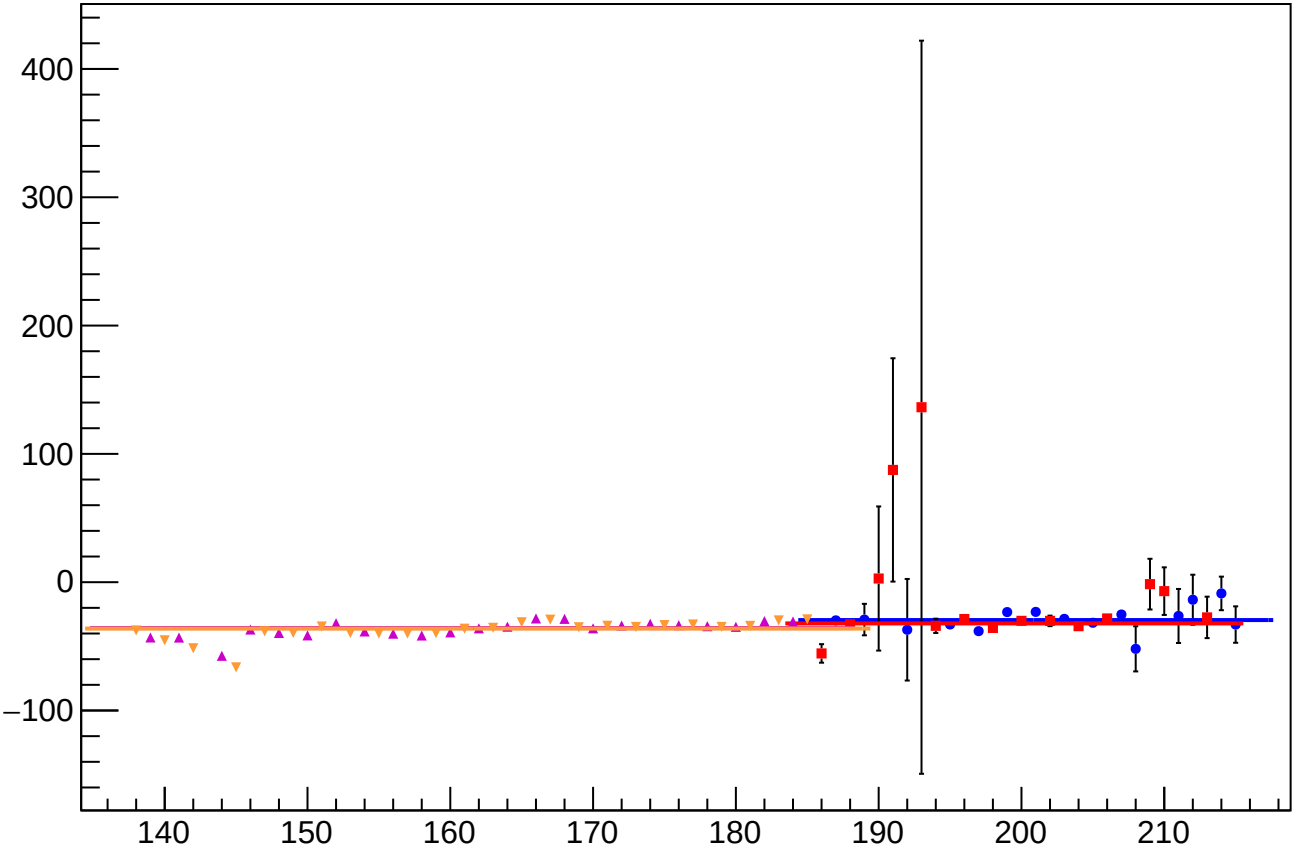
Left In: -0.009+/-0.001 χ^2/NDF:37.2/22

+ sign -0.008+/-0.001 χ^2/NDF: 95.0/54

All: -0.008+/-0.000 χ^2/NDF: 359.6/109

- sign -0.008+/-0.001 χ^2/NDF: 264.5/54

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: -32.143+/-0.806 χ^2/NDF: 25.1/14

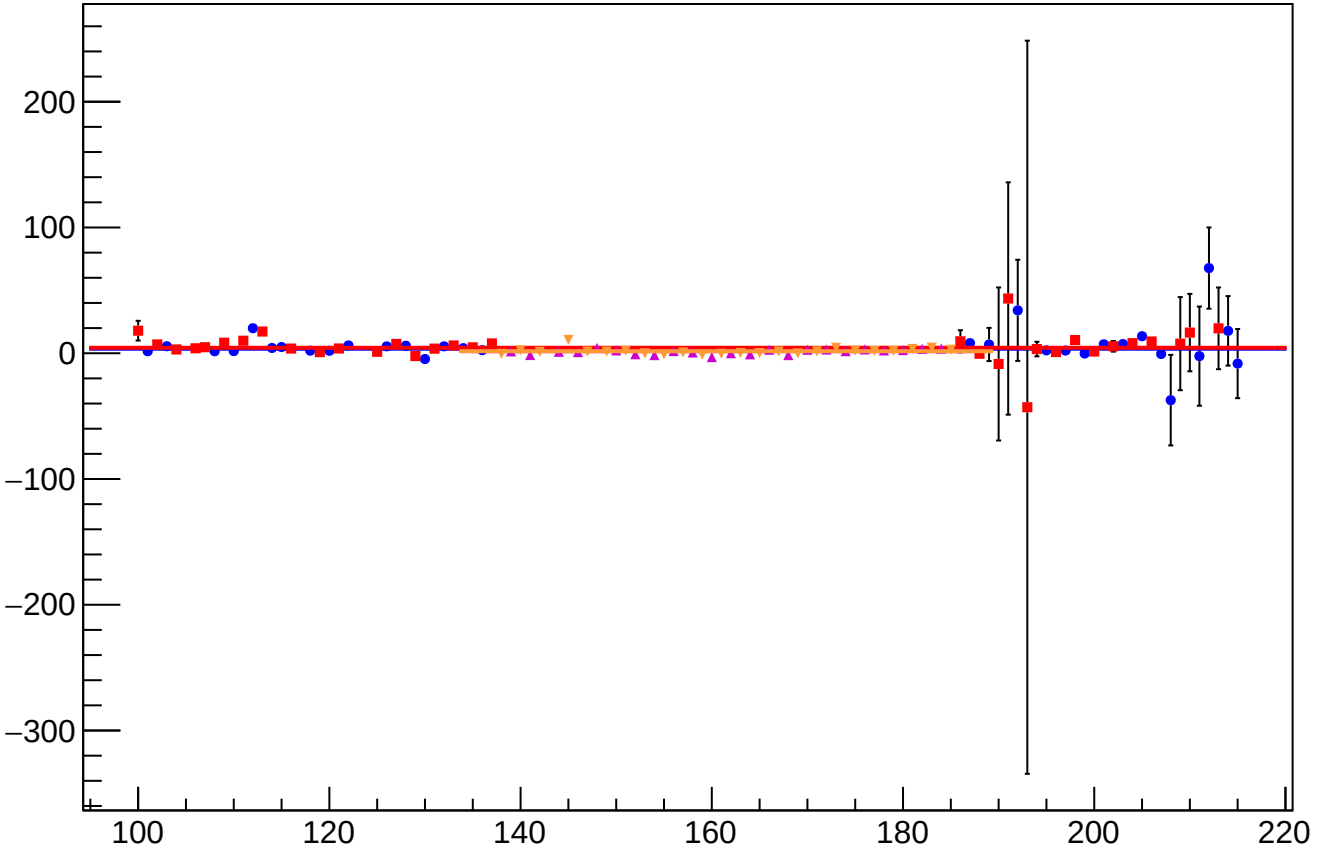
Left In: -35.779+/-0.191 χ^2/NDF:854.1/22

+ sign -35.802+/-0.187 χ^2/NDF: 1200.9/38

All: -35.693+/-0.132 χ^2/NDF: 2100.1/76

- sign -35.585+/-0.186 χ^2/NDF: 898.5/37

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: 4.350+/-0.221 χ^2/NDF: 369.4/32

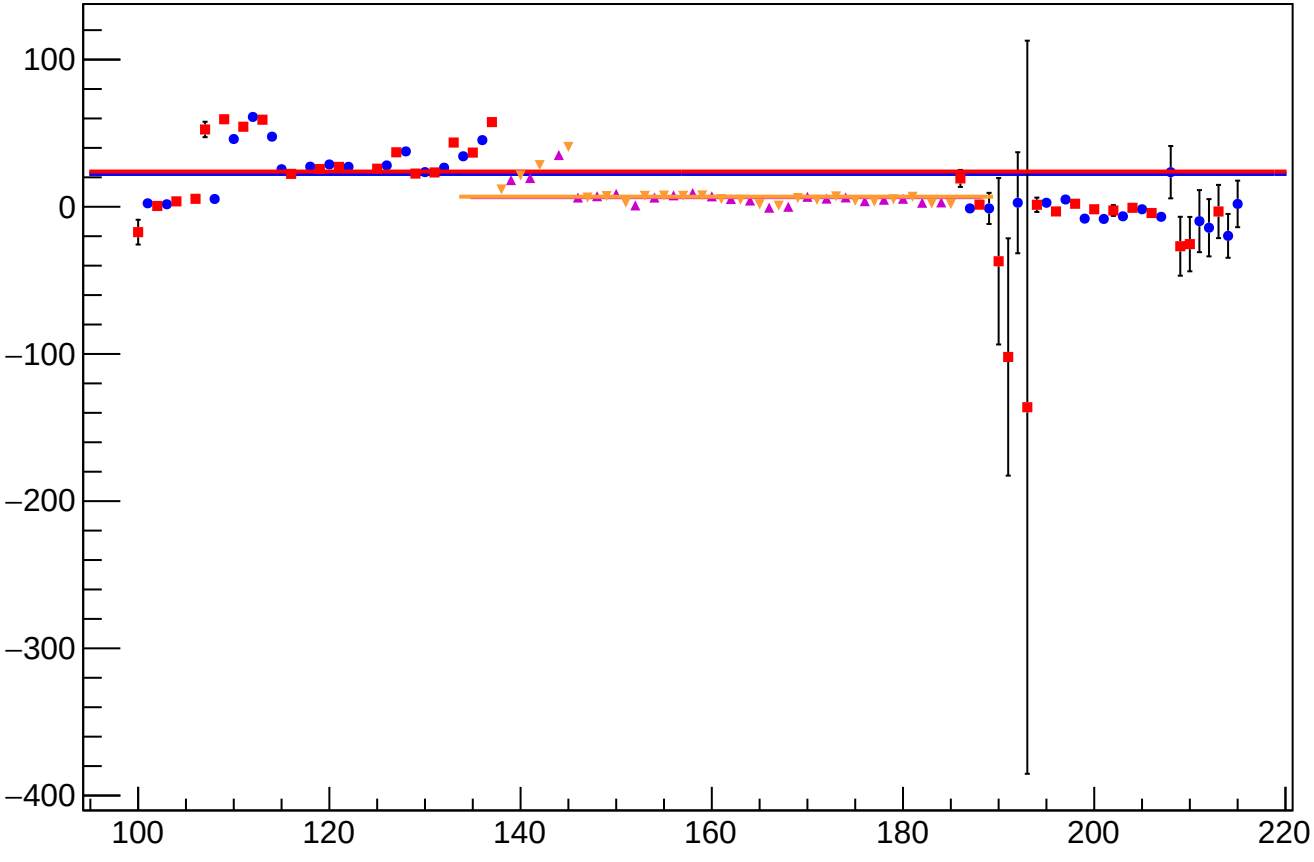
Left In: 1.641+/-0.150 χ^2/NDF:163.2/22

+ sign 2.259+/-0.122 χ^2/NDF: 685.4/54

All: 2.375+/-0.087 χ^2/NDF: 1323.2/110

- sign 2.494+/-0.124 χ^2/NDF: 635.9/55

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: 23.935+/-0.362 χ^2/NDF: 3299.5/32

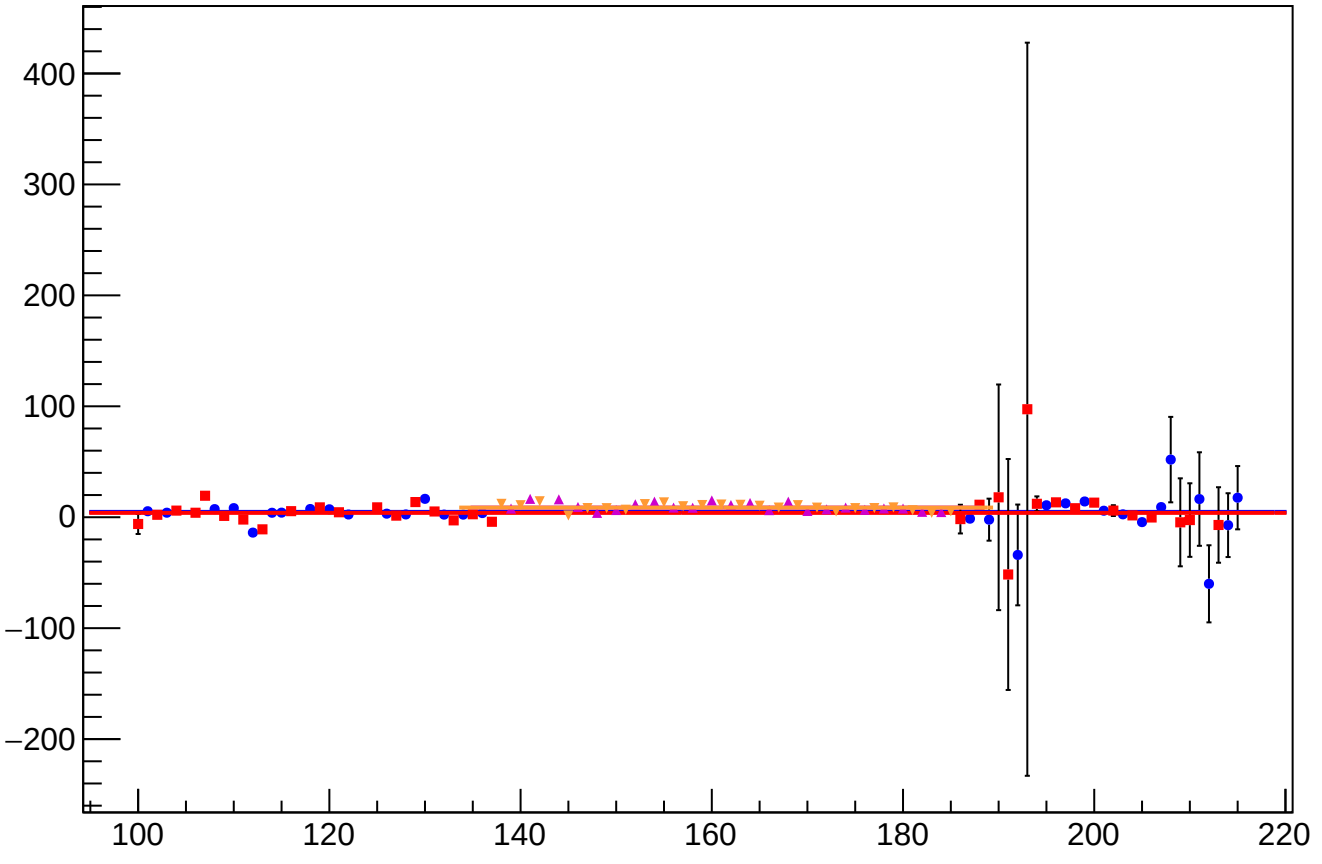
Left In: 6.537+/-0.190 χ^2/NDF:1025.1/22

\+ sign 10.126+/-0.170 χ^2/NDF: 5490.0/54

All: 10.220+/-0.120 χ^2/NDF: 11627.4/110

\- sign 10.312+/-0.168 χ^2/NDF: 6136.8/55

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: 3.936+/-0.254 χ^2/NDF: 589.3/32

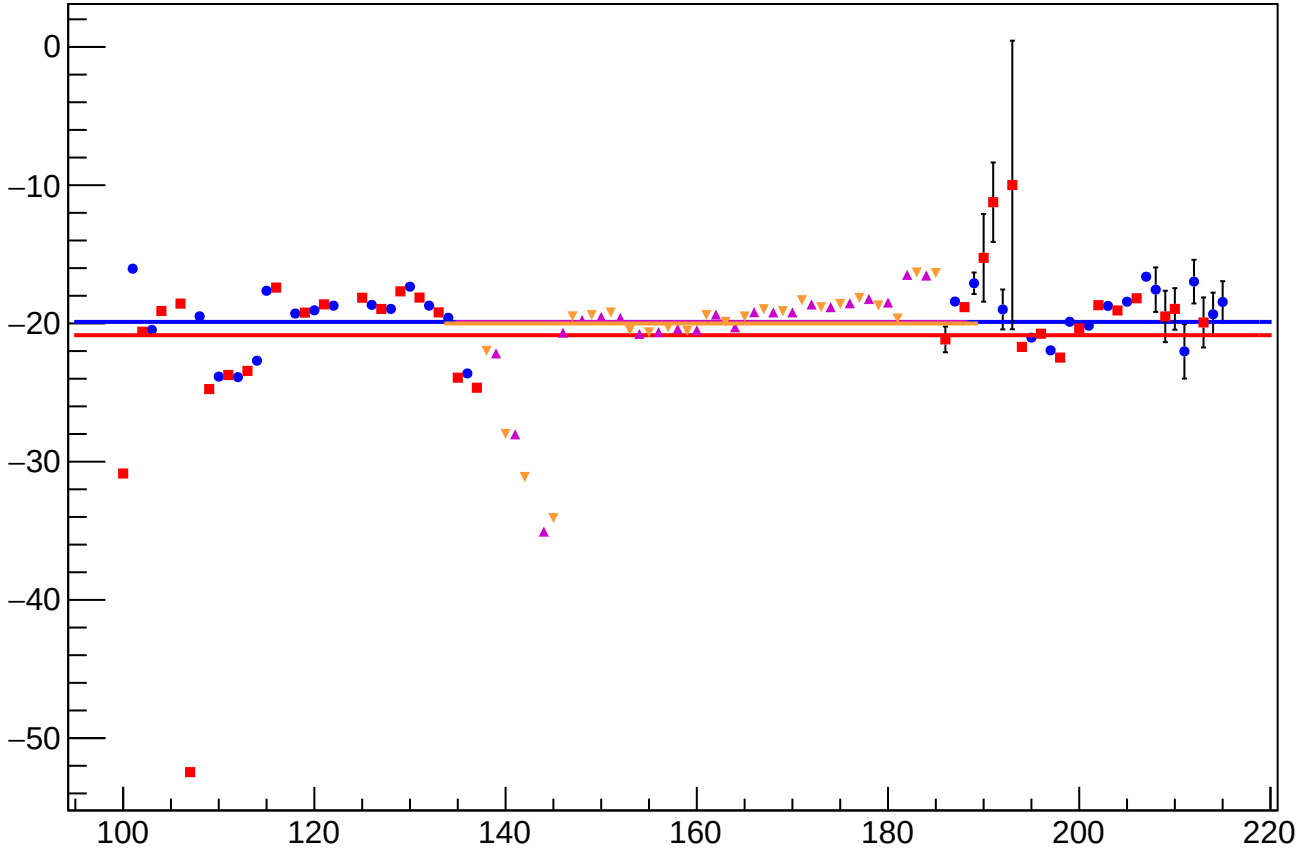
Left In: 8.668+/-0.170 χ^2/NDF:436.7/22

\+ sign 7.475+/-0.140 χ^2/NDF: 983.8/54

All: 7.341+/-0.099 χ^2/NDF: 2250.8/110

\- sign 7.205+/-0.141 χ^2/NDF: 1265.2/55

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: 95240.6/32

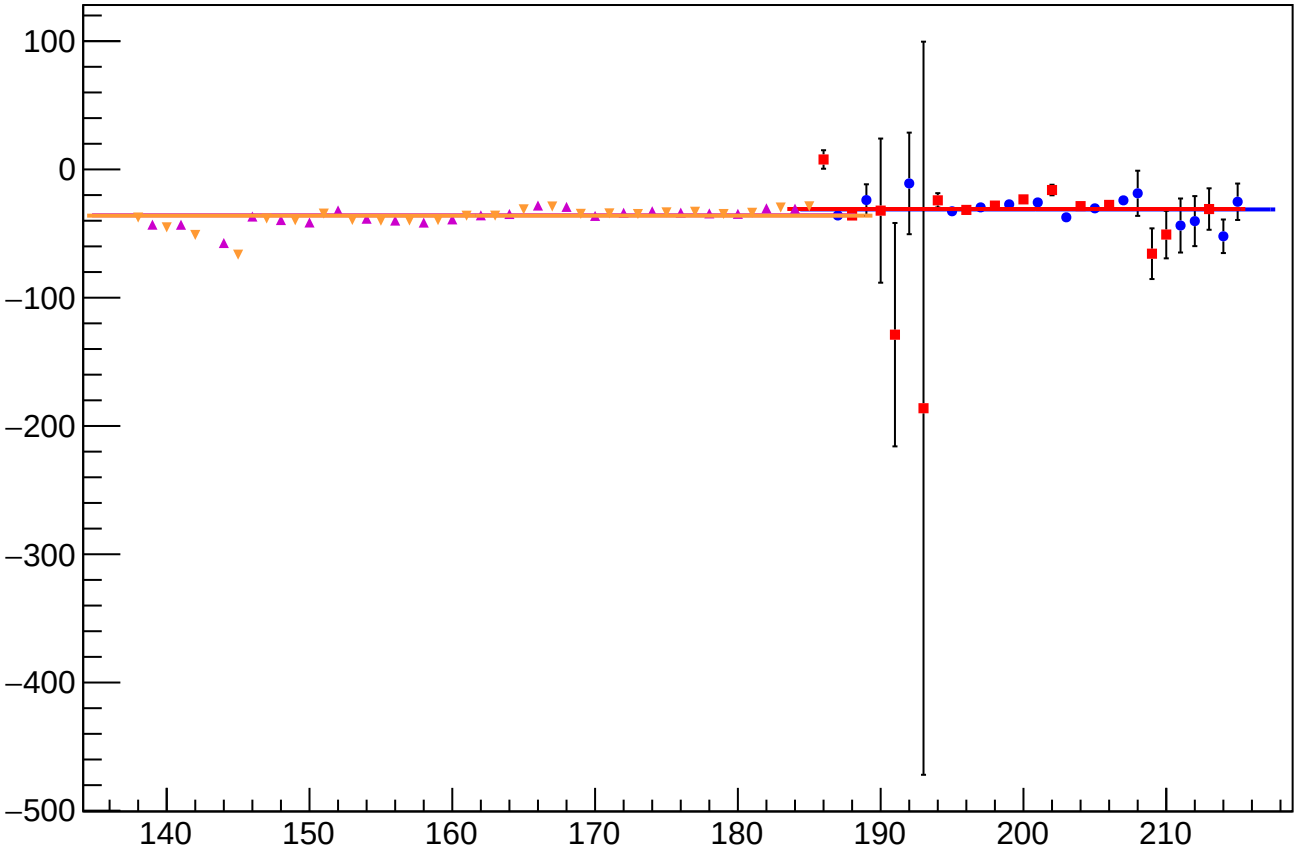
Left In: -19.898+/-0.008 χ^2/NDF:144191.9/22

+ sign -19.980+/-0.007 χ^2/NDF: 198960.7/54

All: -20.042+/-0.005 χ^2/NDF: 441748.3/110

- sign -20.104+/-0.007 χ^2/NDF: 242628.2/55

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: -30.852+/-0.808 χ^2/NDF: 76.2/14

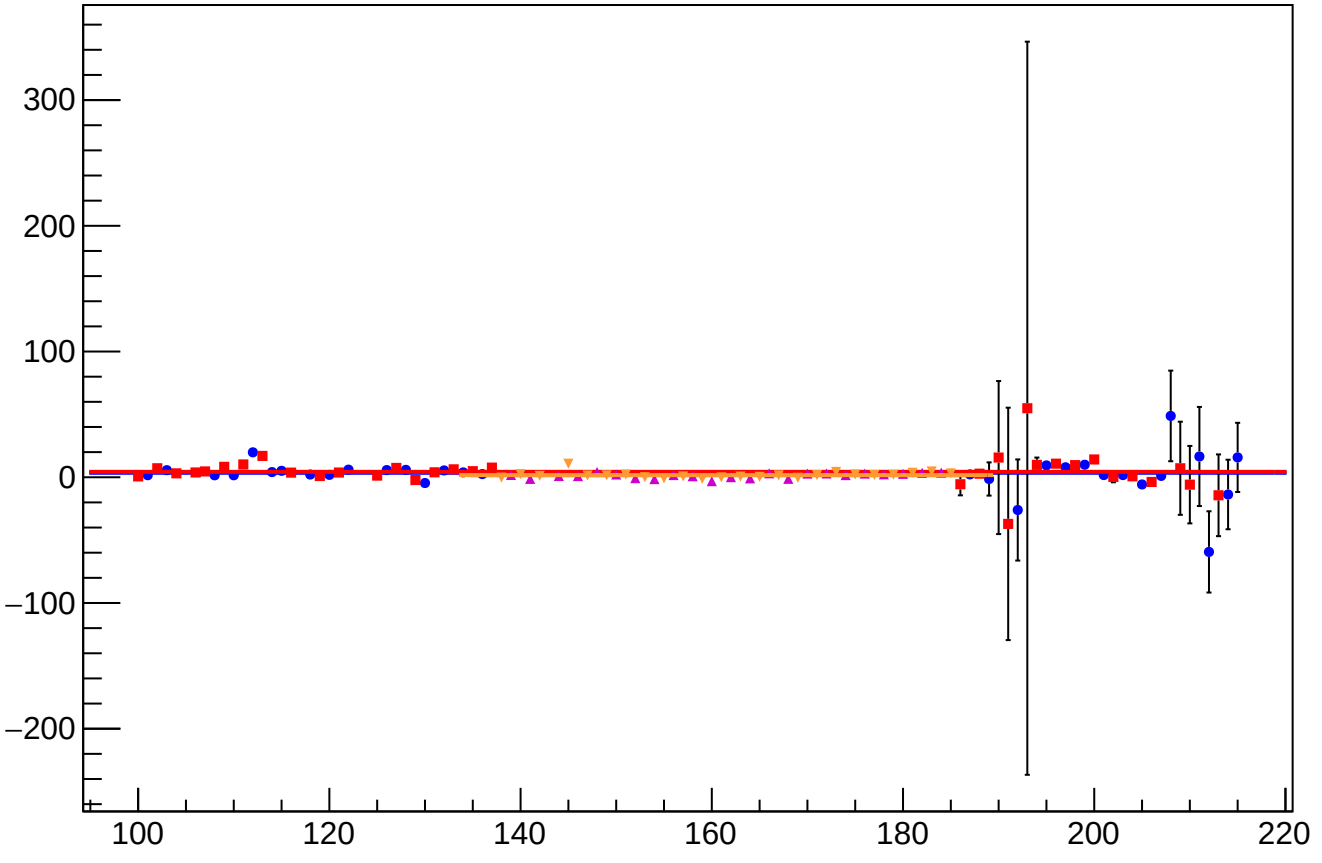
Left In: -35.766+/-0.191 χ^2/NDF:842.6/22

+ sign -35.799+/-0.187 χ^2/NDF: 1183.0/38

All: -35.652+/-0.132 χ^2/NDF: 2138.0/76

- sign -35.506+/-0.186 χ^2/NDF: 953.8/37

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: 378.7/32

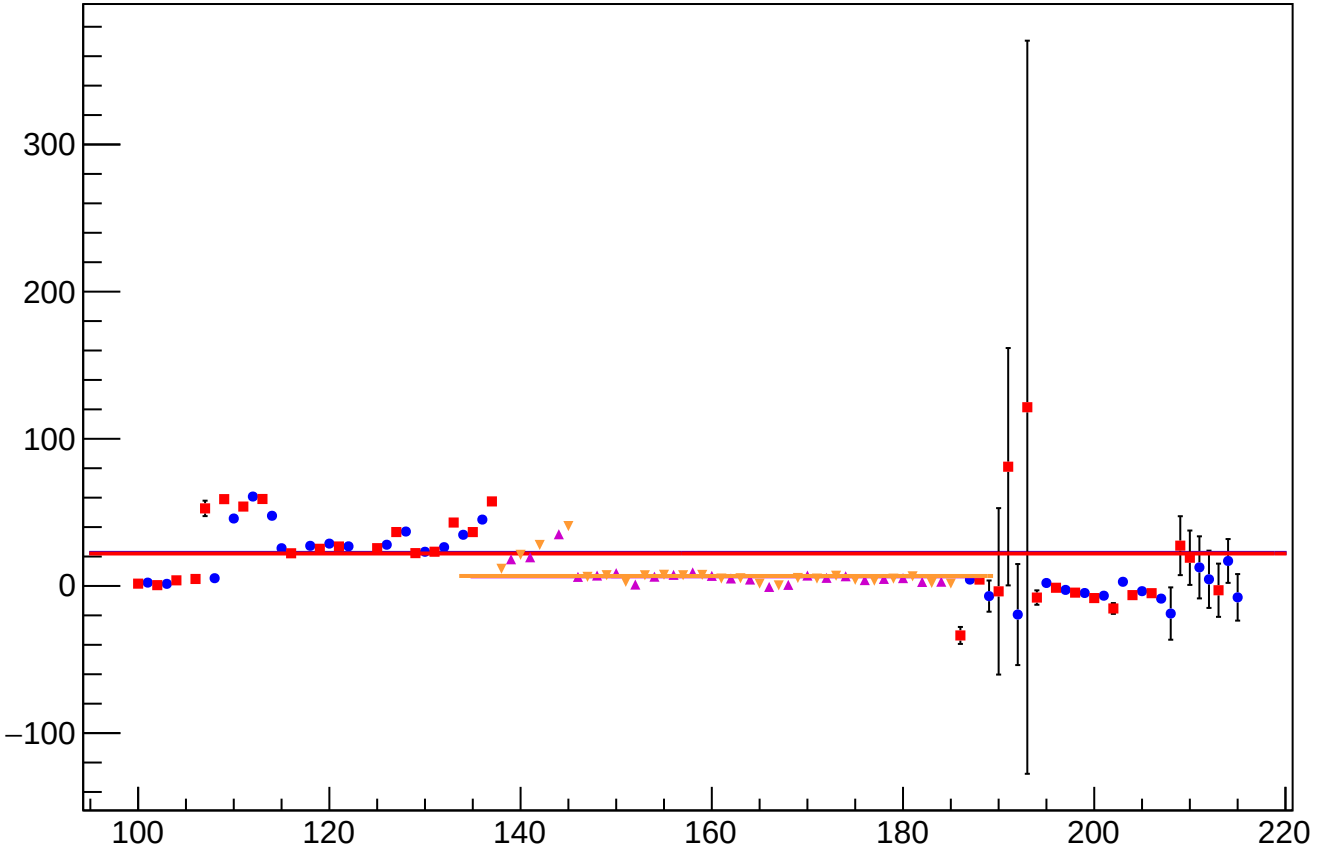
Left In: 1.705+/-0.149 χ^2/NDF:163.0/22

\+ sign 2.309+/-0.122 χ^2/NDF: 679.7/54

All: 2.426+/-0.087 χ^2/NDF: 1321.7/110

\- sign 2.546+/-0.123 χ^2/NDF: 640.2/55

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: 22.054+/-0.349 χ^2/NDF: 3661.2/32

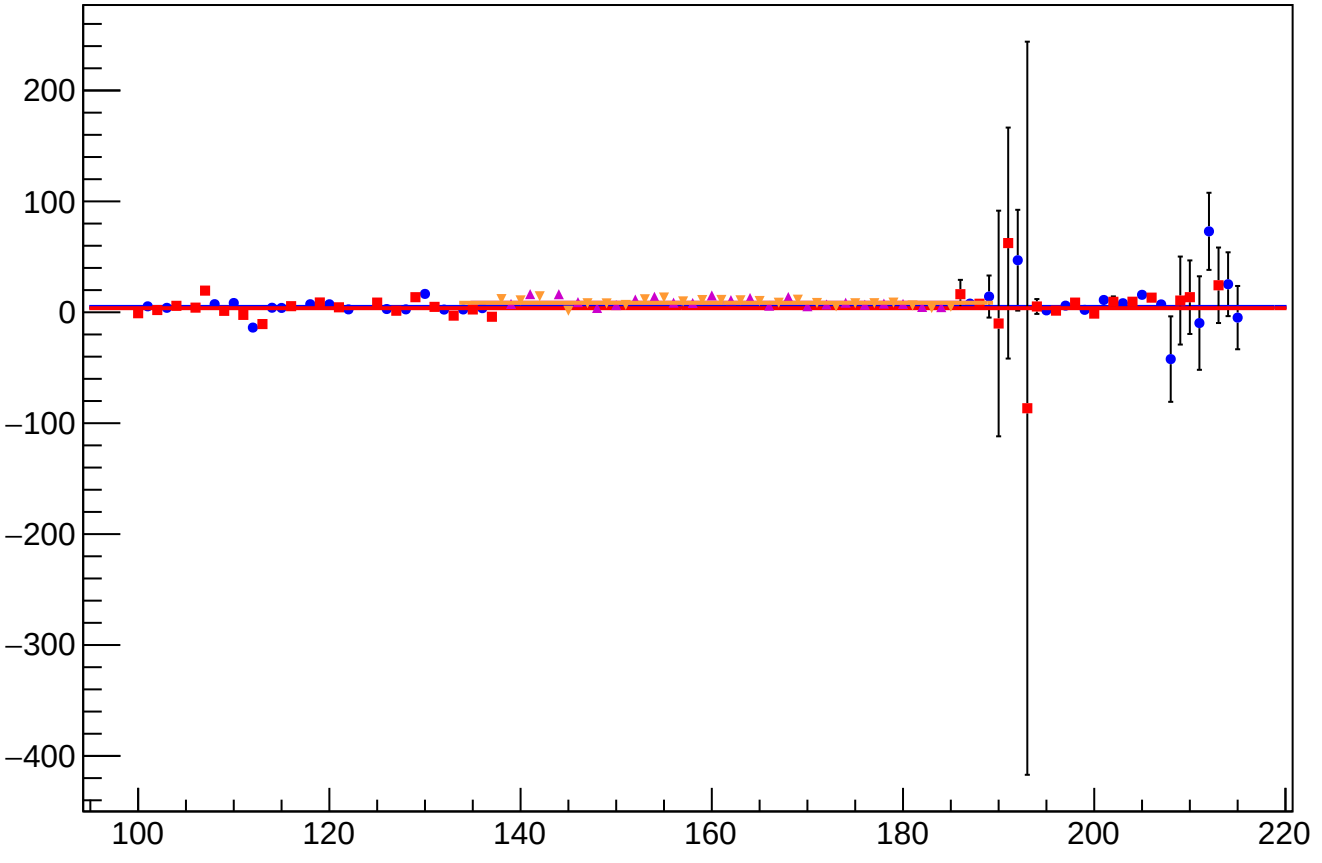
Left In: 6.532+/-0.190 χ^2/NDF:1018.2/22

+ sign 10.091+/-0.170 χ^2/NDF: 5422.0/54

All: 10.091+/-0.119 χ^2/NDF: 11626.9/110

- sign 10.091+/-0.167 χ^2/NDF: 6204.9/55

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: 589.4/32

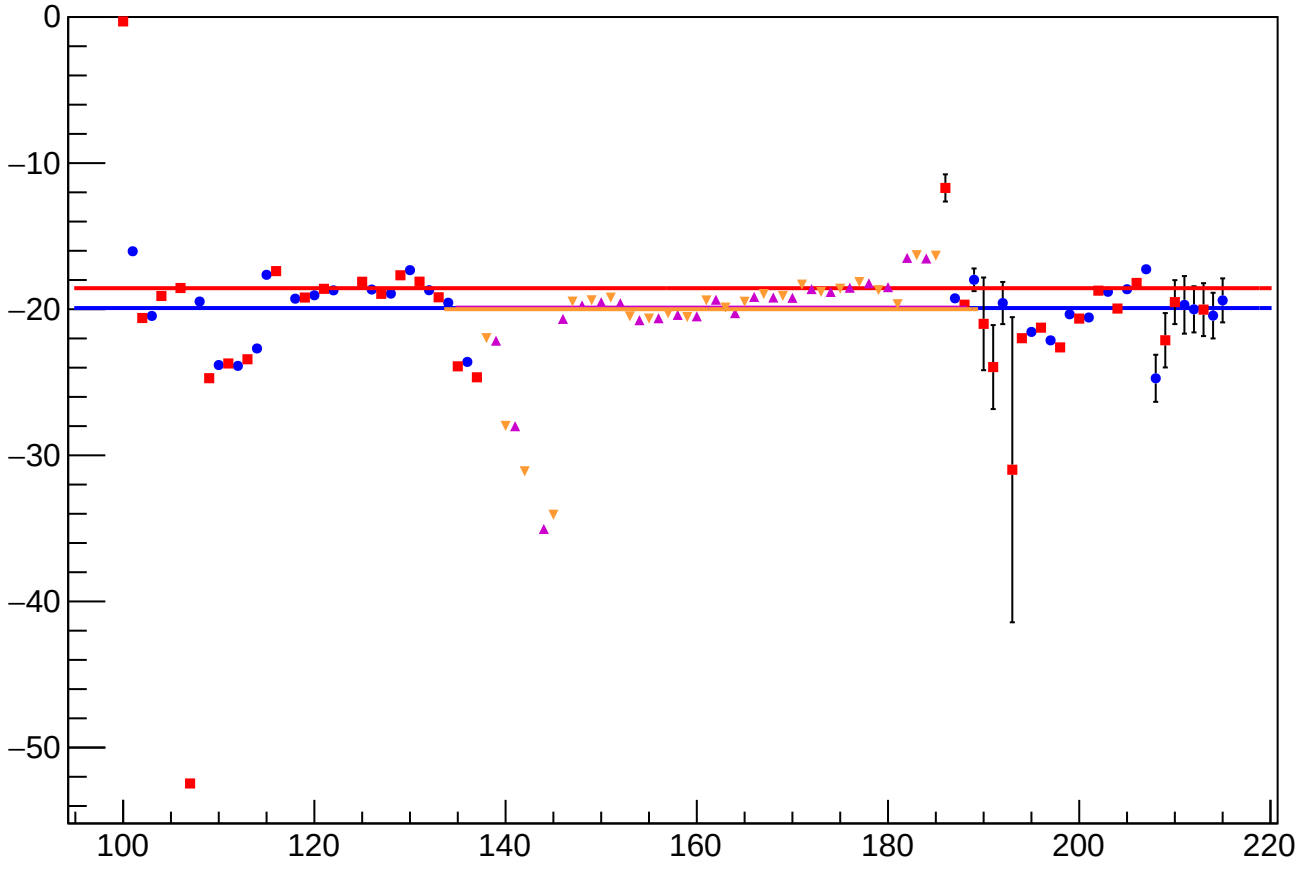
Left In: 8.585+/-0.170 χ^2/NDF:441.8/22

+ sign 7.414+/-0.140 χ^2/NDF: 964.0/54

All: 7.228+/-0.099 χ^2/NDF: 2259.6/110

- sign 7.040+/-0.141 χ^2/NDF: 1292.1/55

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: 303728.8/32

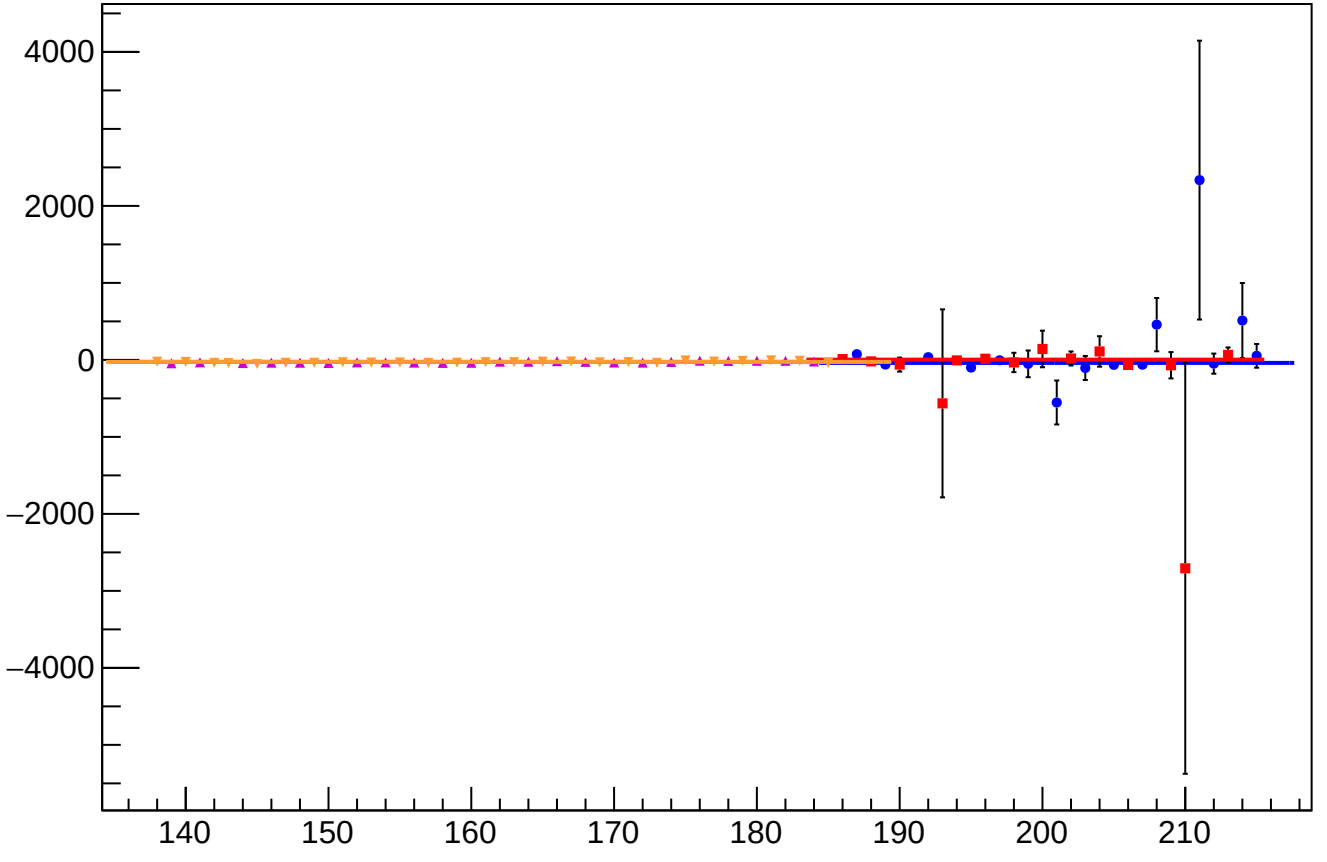
Left In: -19.890+/-0.008 χ^2/NDF:144055.2/22

+ sign -19.981+/-0.007 χ^2/NDF: 199063.7/54

All: -19.775+/-0.005 χ^2/NDF: 655373.5/110

- sign -19.576+/-0.007 χ^2/NDF: 454593.6/55

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: 3.212+/-8.082 χ^2/NDF: 7.2/13

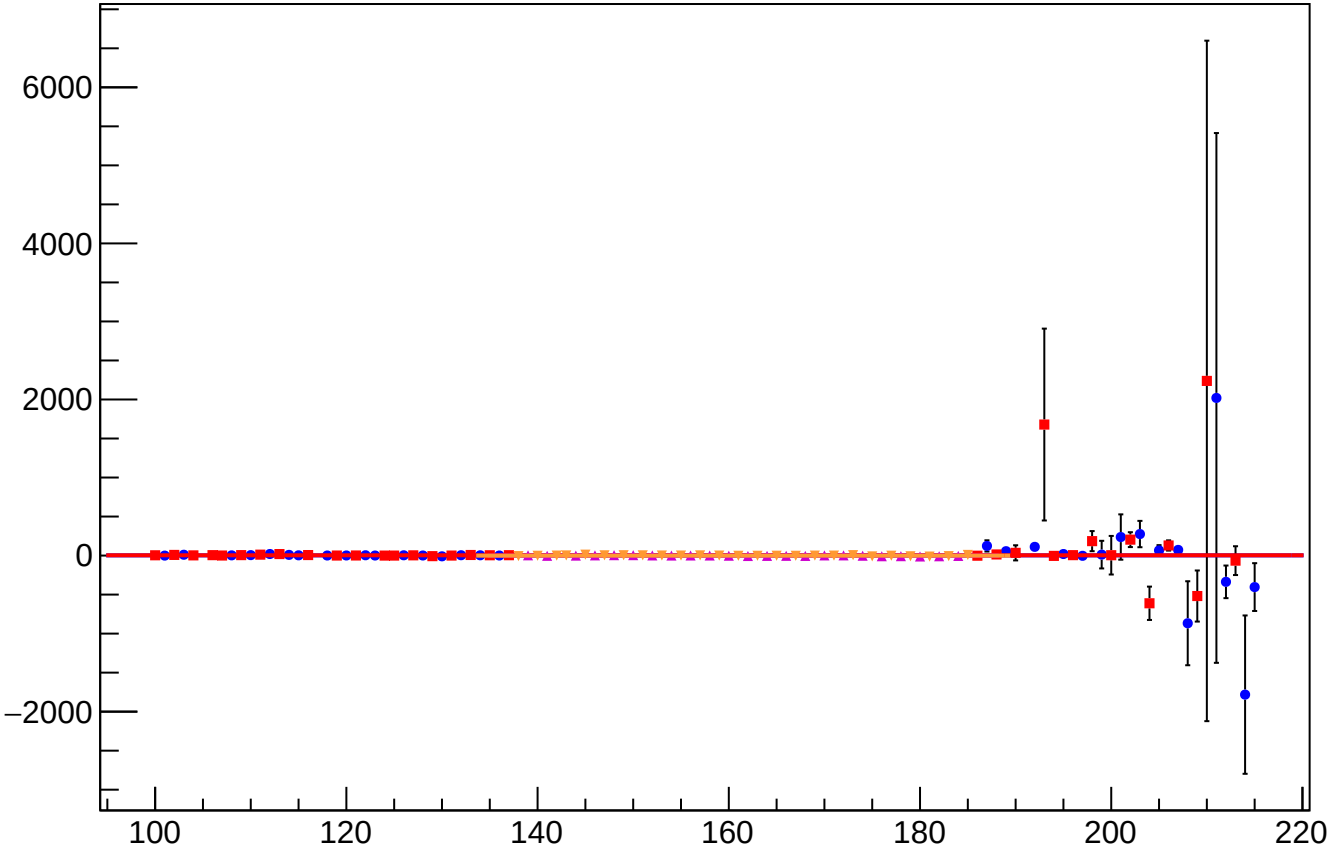
Left In: -26.052+/-0.195 χ^2/NDF:3279.5/22

+ sign -25.887+/-0.192 χ^2/NDF: 4180.4/39

All: -25.960+/-0.137 χ^2/NDF: 7480.5/76

- sign -26.035+/-0.195 χ^2/NDF: 3299.8/36

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: 3.715+/-0.327 χ^2/NDF: 292.7/32

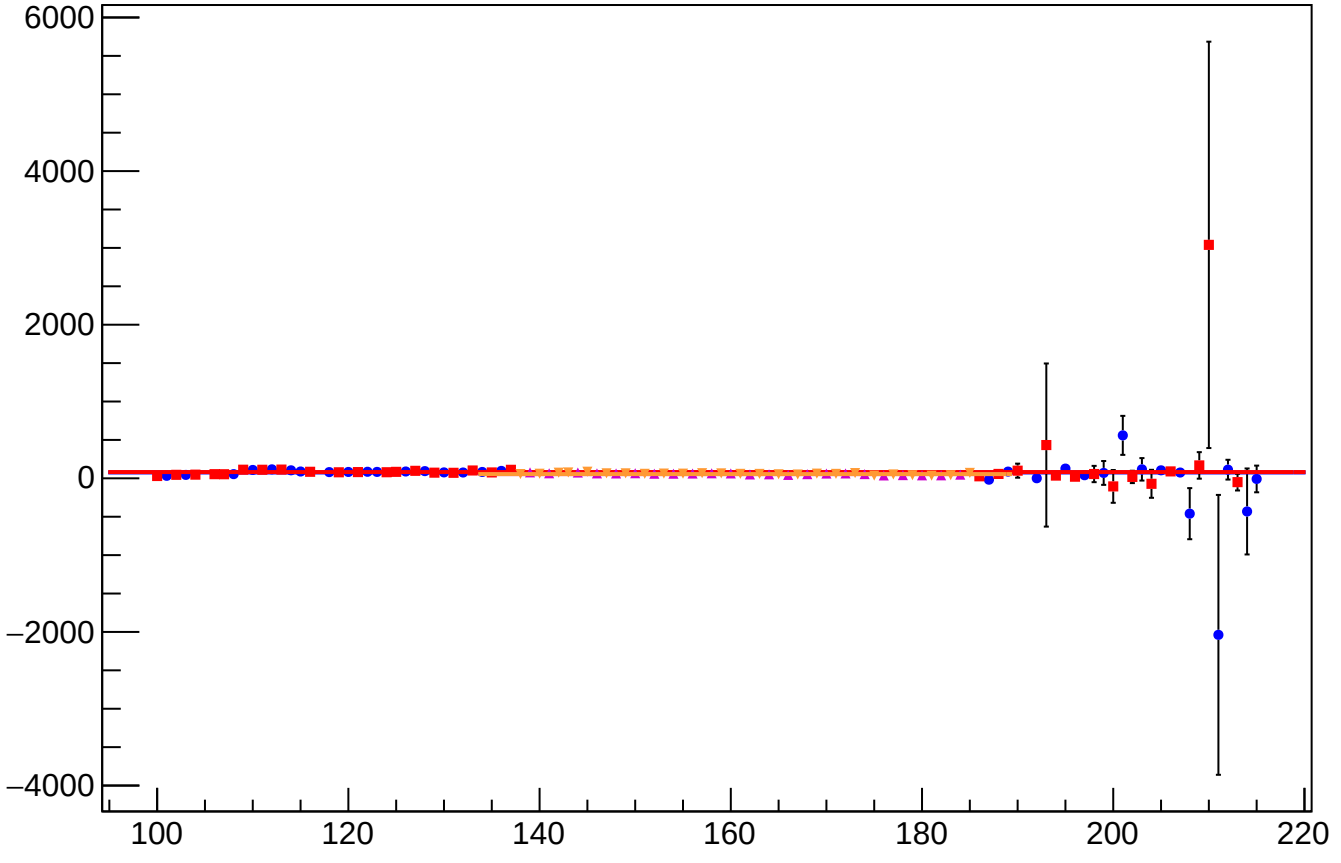
Left In: -0.863+/-0.150 χ^2/NDF:1066.5/22

+ sign -0.099+/-0.133 χ^2/NDF: 1726.2/56

All: -0.081+/-0.095 χ^2/NDF: 3247.6/112

- sign -0.062+/-0.137 χ^2/NDF: 1521.3/55

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: 81.487+/-0.590 χ^2/NDF: 1635.6/32

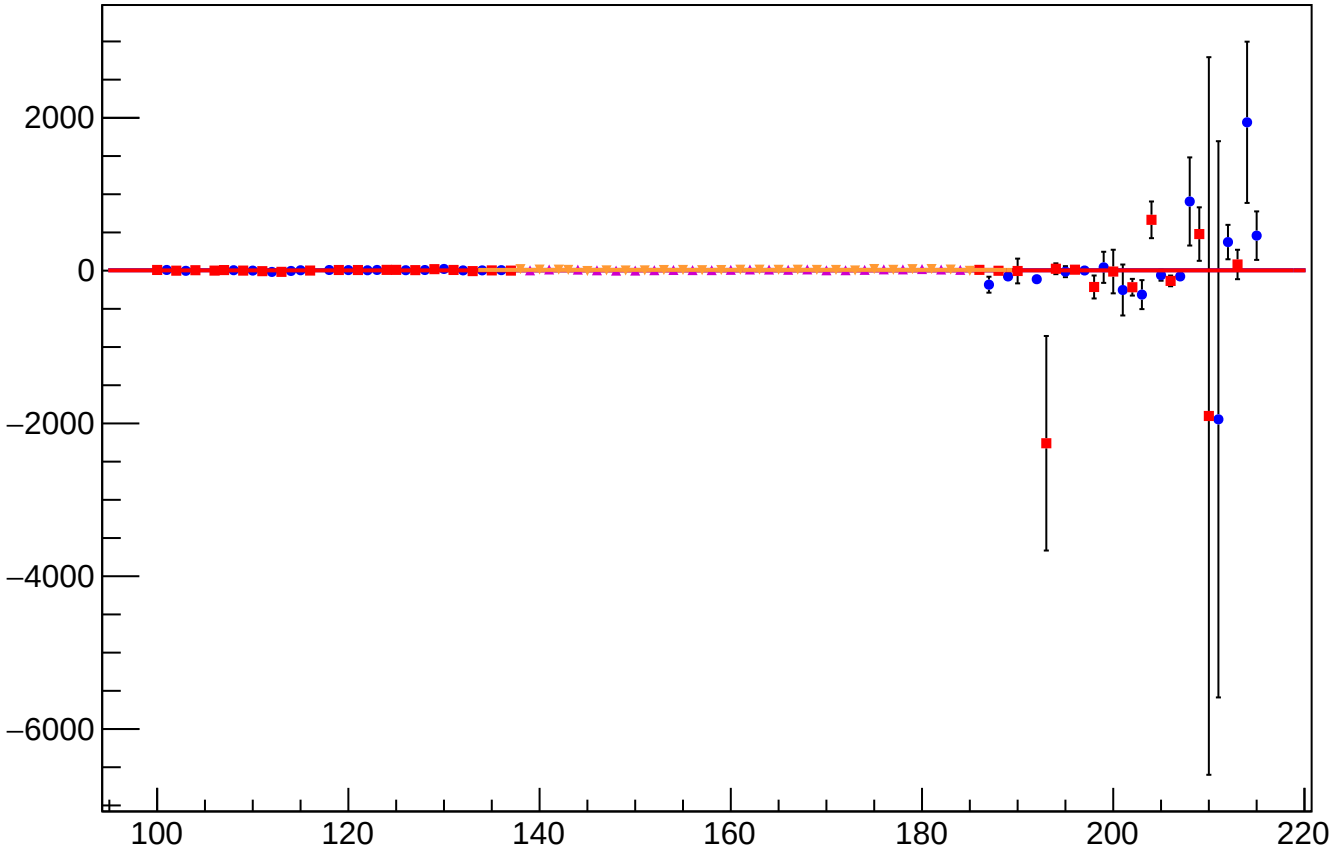
Left In: 55.070+/-0.193 χ^2/NDF:3702.8/22

+ sign 57.230+/-0.182 χ^2/NDF: 8099.9/56

All: 57.428+/-0.129 χ^2/NDF: 15248.2/112

- sign 57.631+/-0.184 χ^2/NDF: 7145.8/55

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: 3.580+/-0.375 χ^2/NDF: 444.3/32

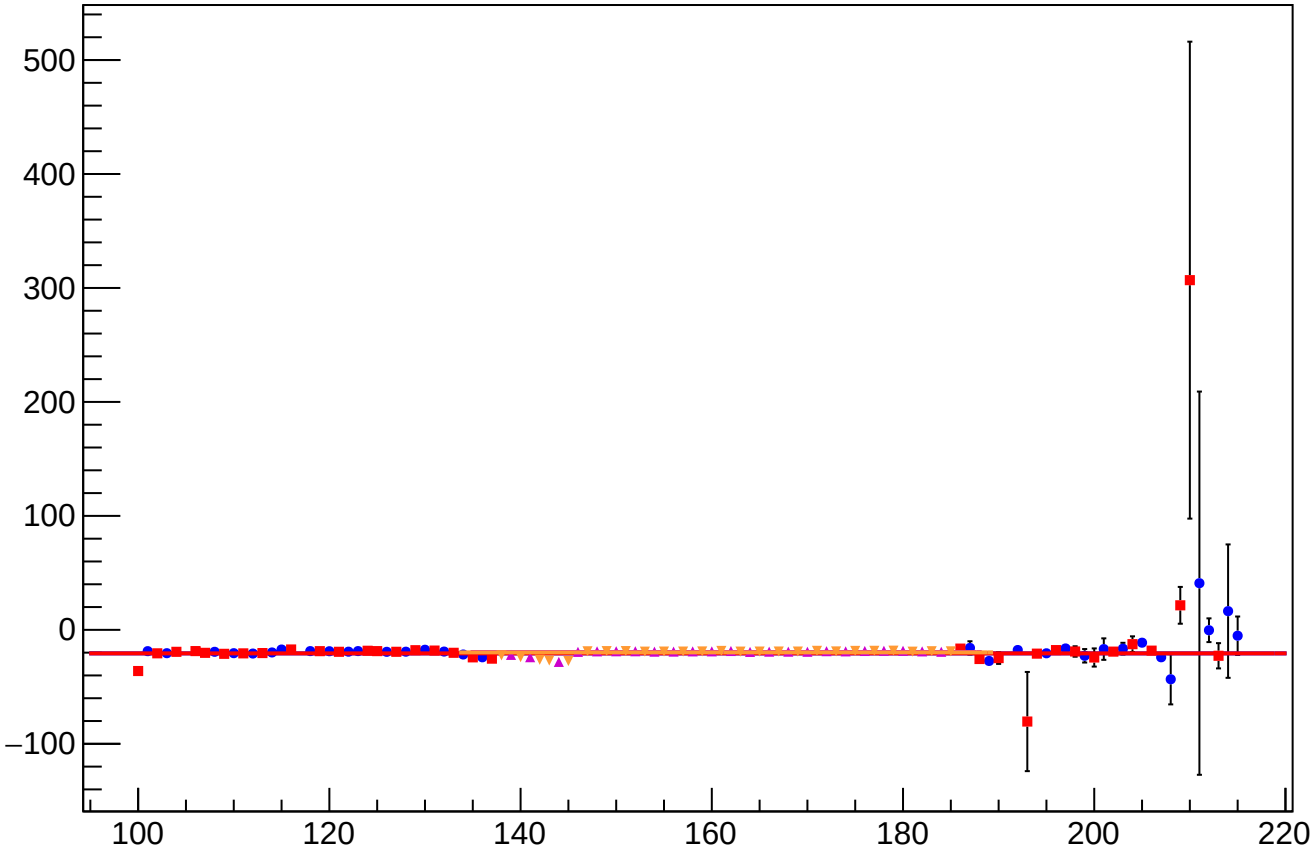
Left In: 9.803+/-0.172 χ^2/NDF:1158.7/22

+ sign 8.968+/-0.152 χ^2/NDF: 1984.0/56

All: 8.851+/-0.109 χ^2/NDF: 3815.5/112

- sign 8.727+/-0.156 χ^2/NDF: 1830.3/55

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: 13819.2/32

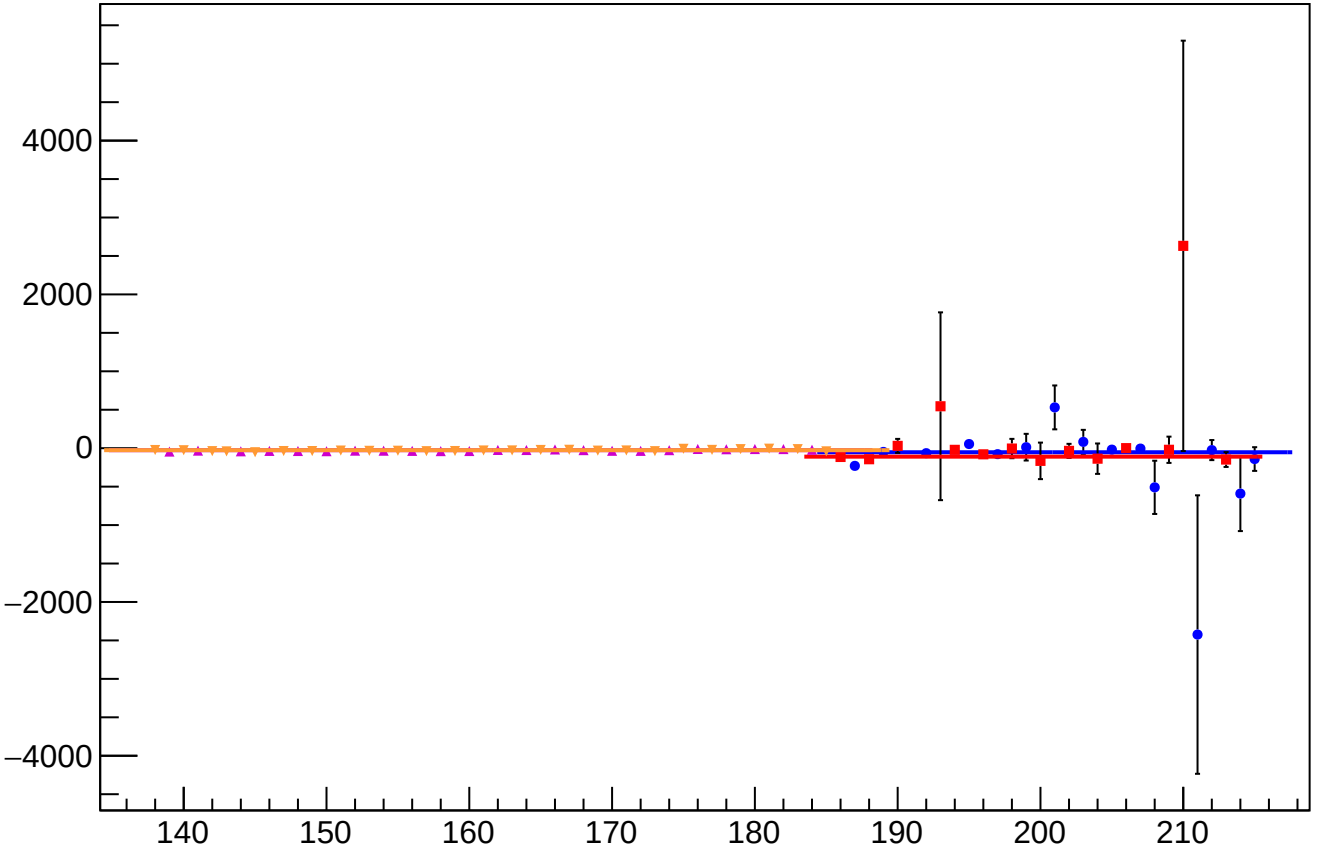
Left In: -19.435+/-0.008 χ^2/NDF:53170.9/22

+ sign -19.892+/-0.007 χ^2/NDF: 105838.9/56

All: -19.751+/-0.005 χ^2/NDF: 176855.6/112

- sign -19.607+/-0.007 χ^2/NDF: 70264.3/55

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: -110.069+/-8.088 χ^2/NDF: 17.0/13

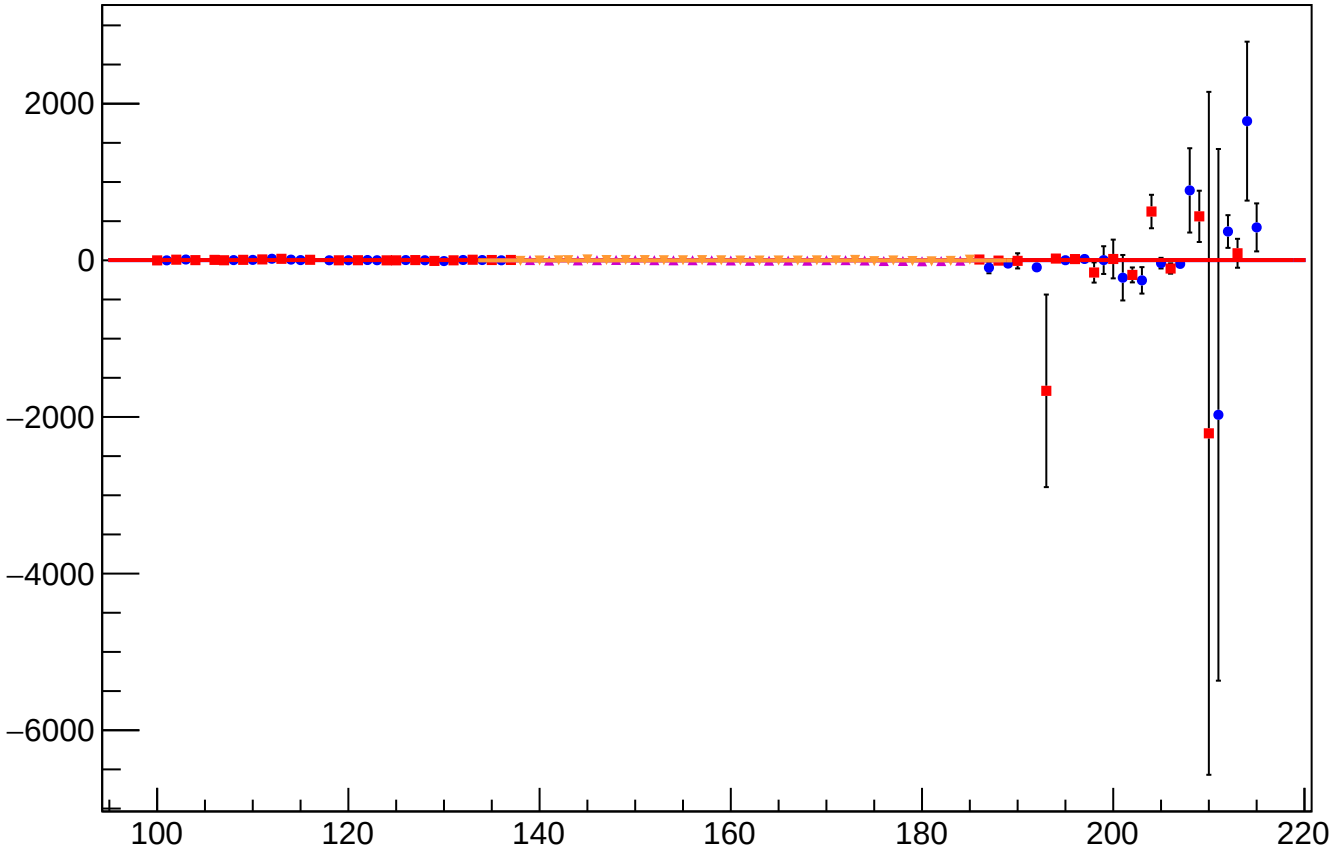
Left In: -26.046+/-0.195 χ^2/NDF:3246.7/22

+ sign -25.905+/-0.192 χ^2/NDF: 4164.5/39

All: -25.998+/-0.137 χ^2/NDF: 7536.6/76

- sign -26.095+/-0.195 χ^2/NDF: 3371.6/36

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: 3.593+/-0.318 χ^2/NDF: 302.4/32

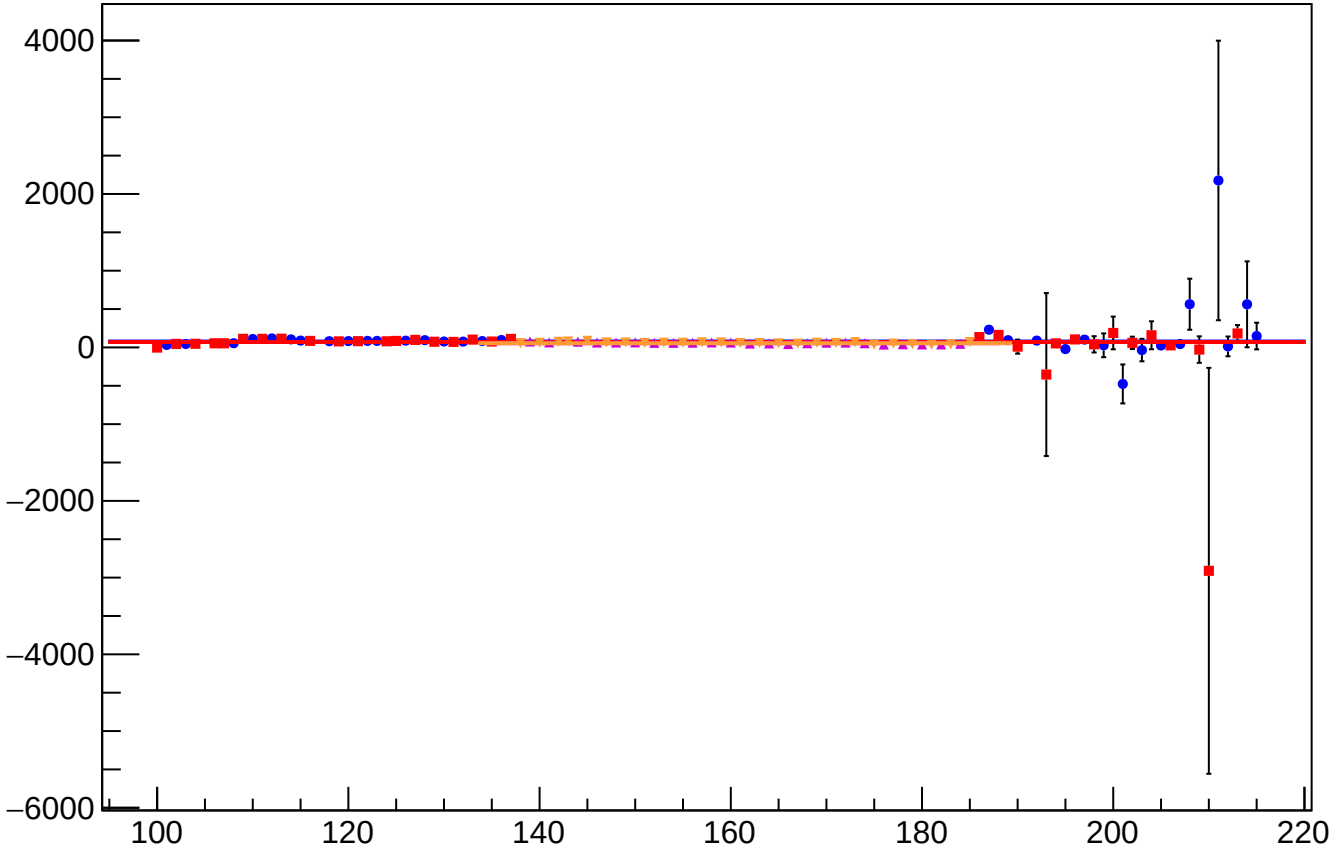
Left In: -0.795+/-0.151 χ^2/NDF:1106.3/22

+ sign -0.057+/-0.133 χ^2/NDF: 1703.7/56

All: -0.025+/-0.095 χ^2/NDF: 3268.1/112

- sign 0.009+/-0.136 χ^2/NDF: 1564.3/55

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: 70.750+/-0.549 χ^2/NDF: 4495.1/32

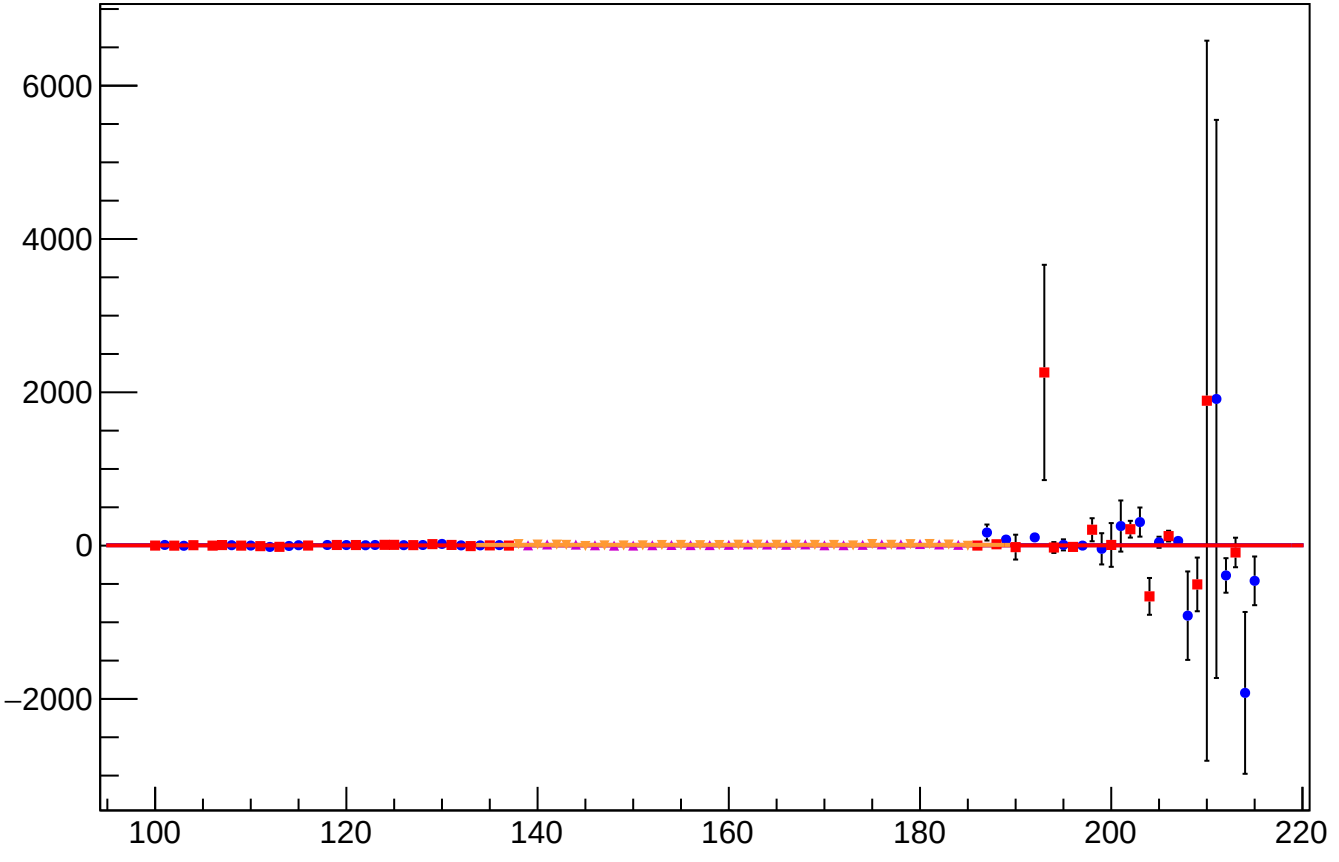
Left In: 55.094+/-0.194 χ^2/NDF:3664.6/22

+ sign 57.259+/-0.182 χ^2/NDF: 8125.3/56

All: 57.044+/-0.129 χ^2/NDF: 17012.0/112

- sign 56.828+/-0.183 χ^2/NDF: 8883.9/55

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: 446.7/32

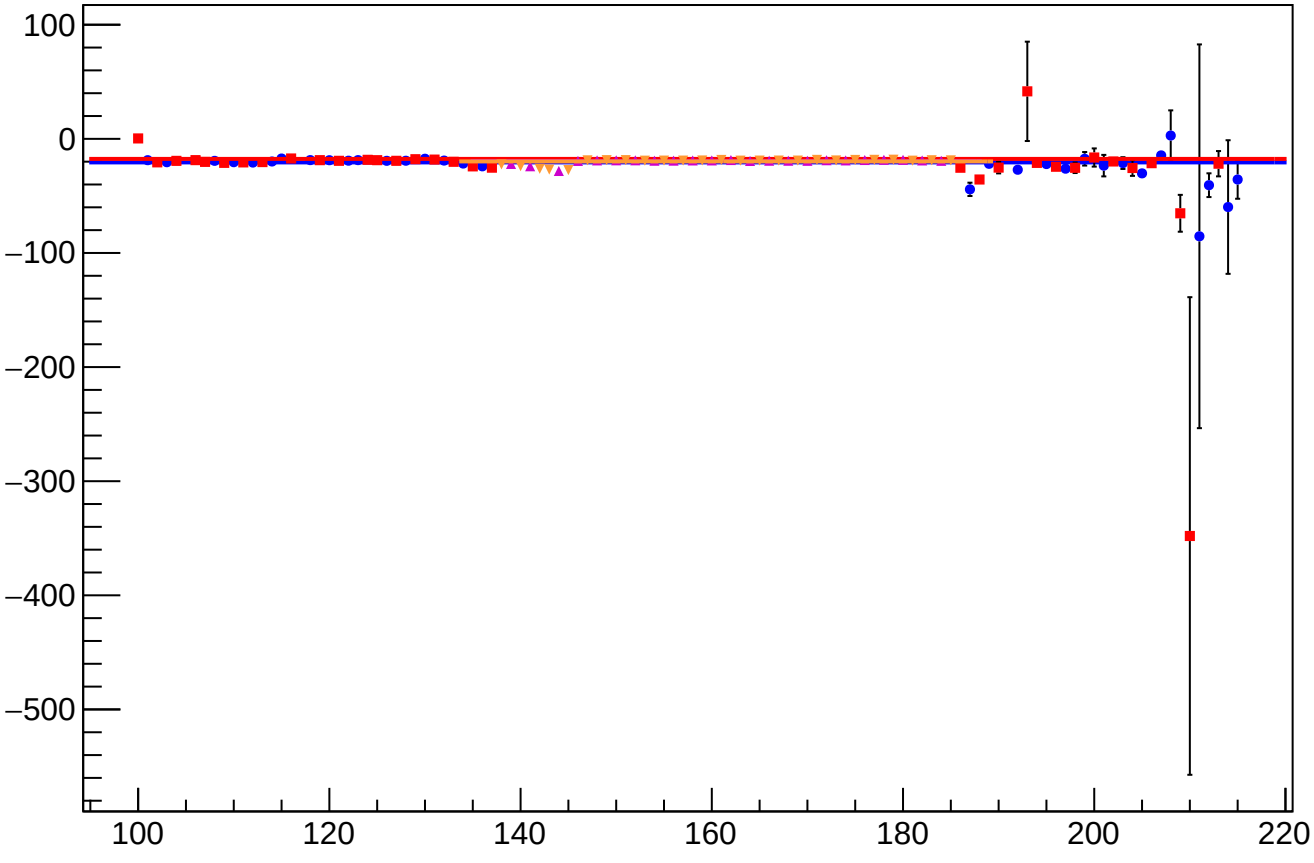
Left In: 9.738+/-0.172 χ^2/NDF:1191.1/22

+ sign 8.923+/-0.152 χ^2/NDF: 1964.0/56

All: 8.750+/-0.109 χ^2/NDF: 3860.0/112

- sign 8.570+/-0.155 χ^2/NDF: 1893.4/55

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: 178452.9/32

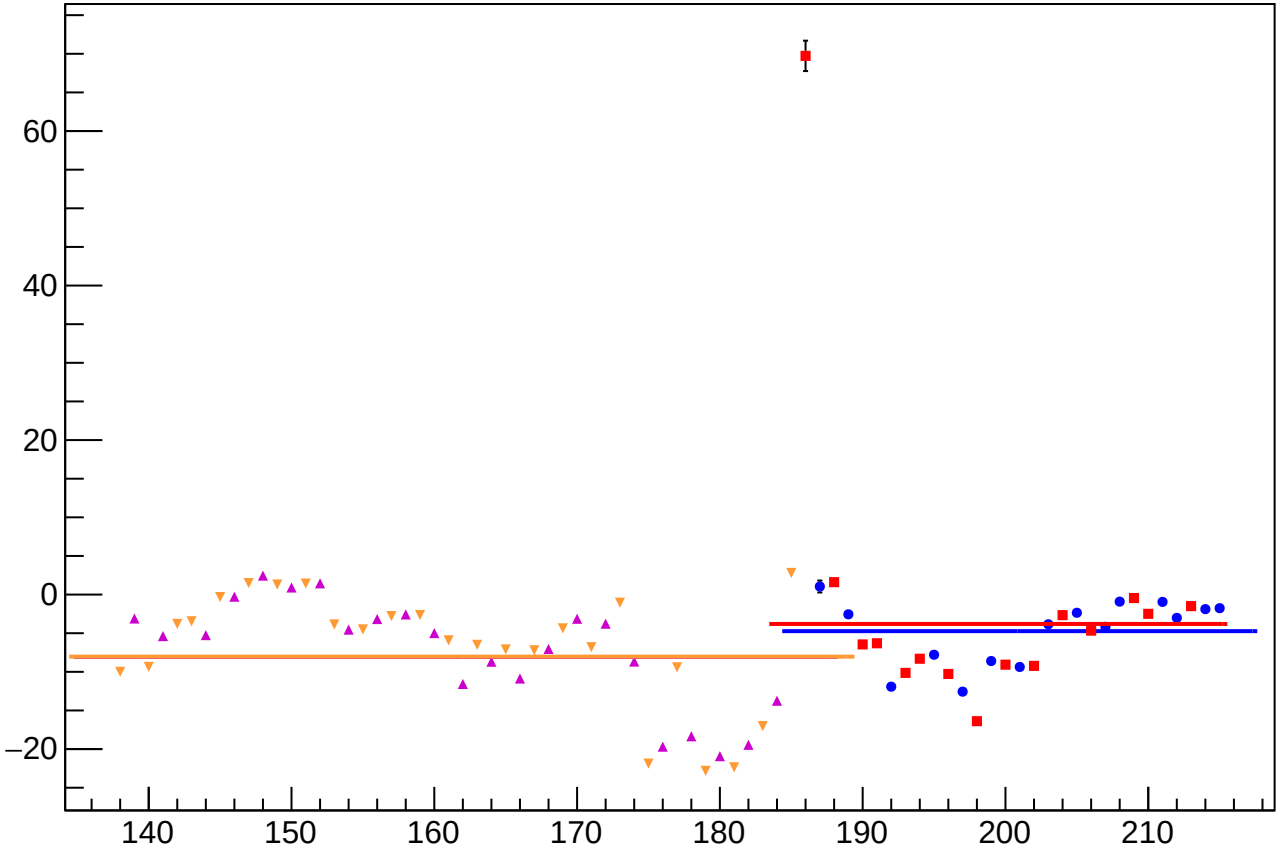
Left In: -19.445+/-0.008 χ^2/NDF:53124.1/22

+ sign -19.899+/-0.007 χ^2/NDF: 105770.1/56

All: -19.518+/-0.005 χ^2/NDF: 351745.8/112

- sign -19.140+/-0.007 χ^2/NDF: 240564.5/55

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: -3.803+/-0.096 χ^2/NDF: 4140.7/14

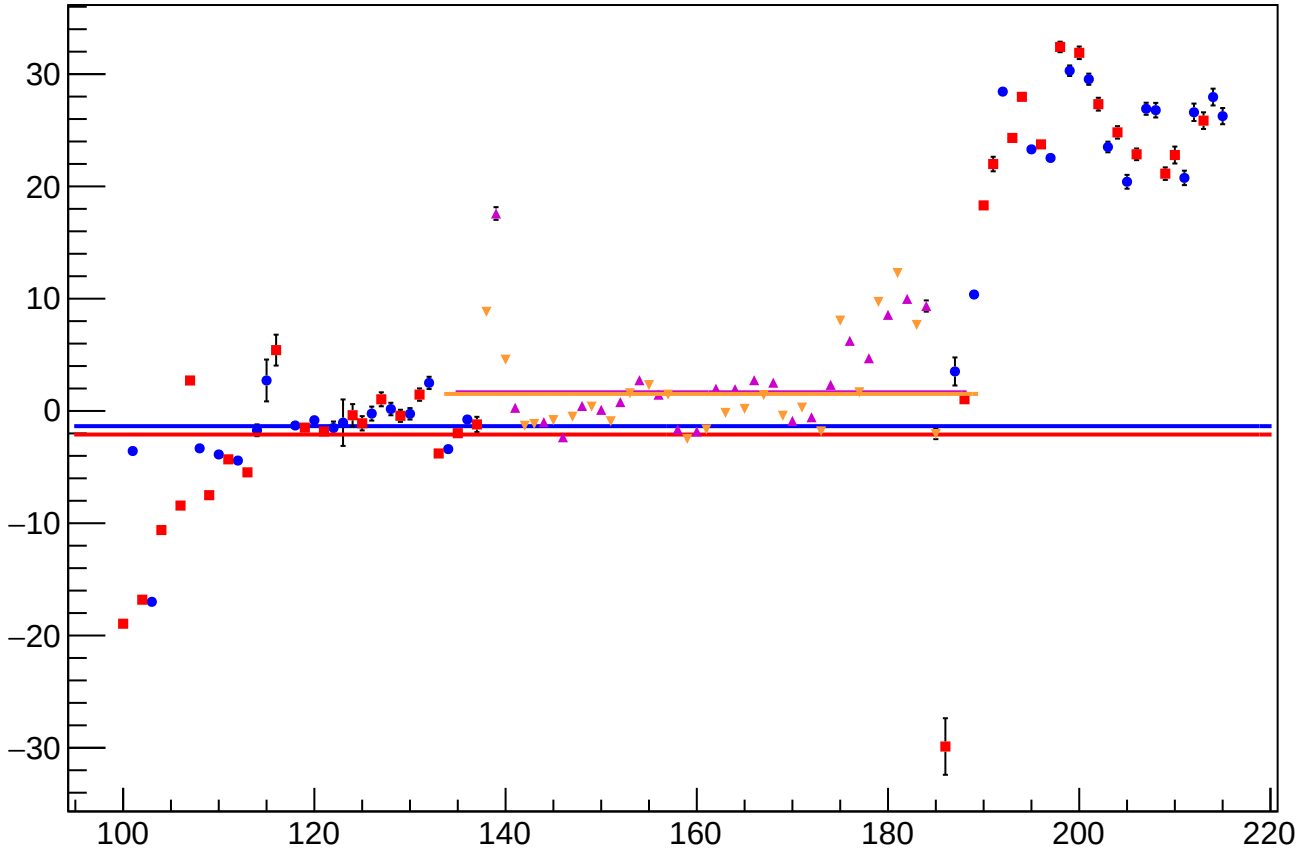
Left In: -8.078+/-0.072 χ^2/NDF:10541.6/22

+ sign -6.960+/-0.058 χ^2/NDF: 14836.8/39

All: -6.745+/-0.041 χ^2/NDF: 30824.3/77

- sign -6.532+/-0.057 χ^2/NDF: 15959.9/37

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



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: -2.101+/-0.053 χ^2/NDF: 57979.1/33

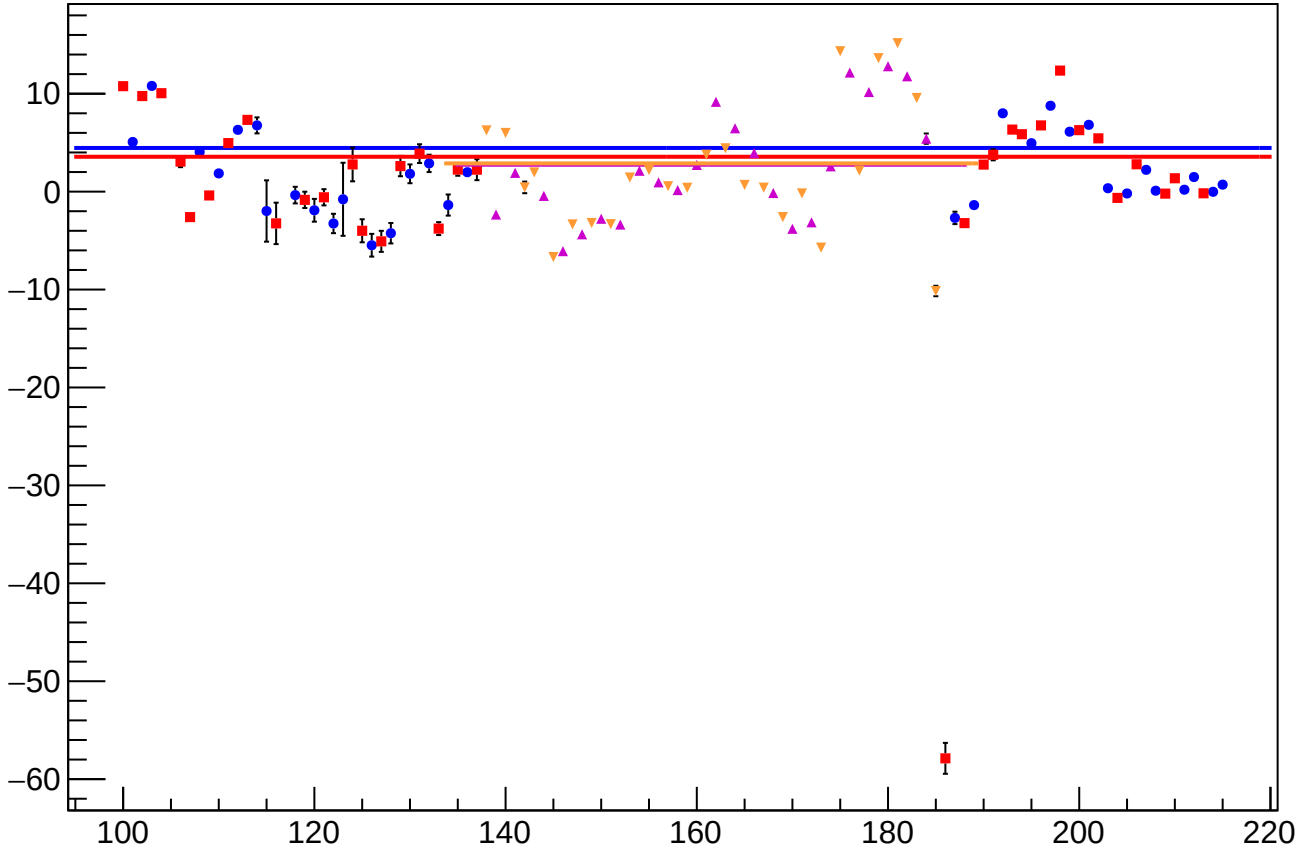
Left In: 1.662+/-0.057 χ^2/NDF:4034.2/22

+ sign -0.011+/-0.037 χ^2/NDF: 57107.4/56

All: -0.163+/-0.027 χ^2/NDF: 121497.0/113

- sign -0.329+/-0.039 χ^2/NDF: 64354.6/56

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: 3.561+/-0.063 χ^2/NDF: 8073.3/33

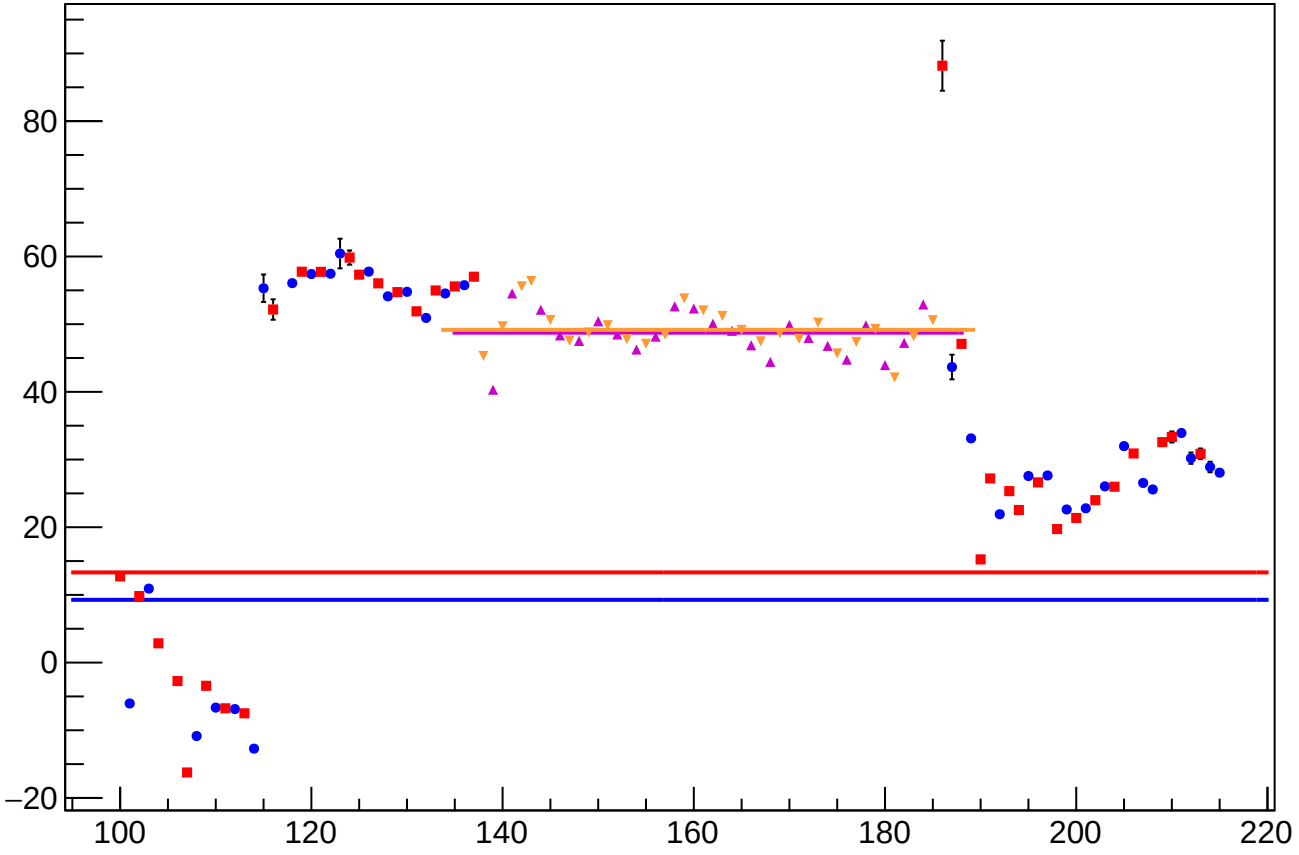
Left In: 2.745+/-0.071 χ^2/NDF:7183.1/22

+ sign 3.724+/-0.048 χ^2/NDF: 12454.1/56

All: 3.460+/-0.034 χ^2/NDF: 27843.3/113

- sign 3.202+/-0.047 χ^2/NDF: 15329.3/56

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: 13.323+/-0.063 χ^2/NDF: 137763.7/33

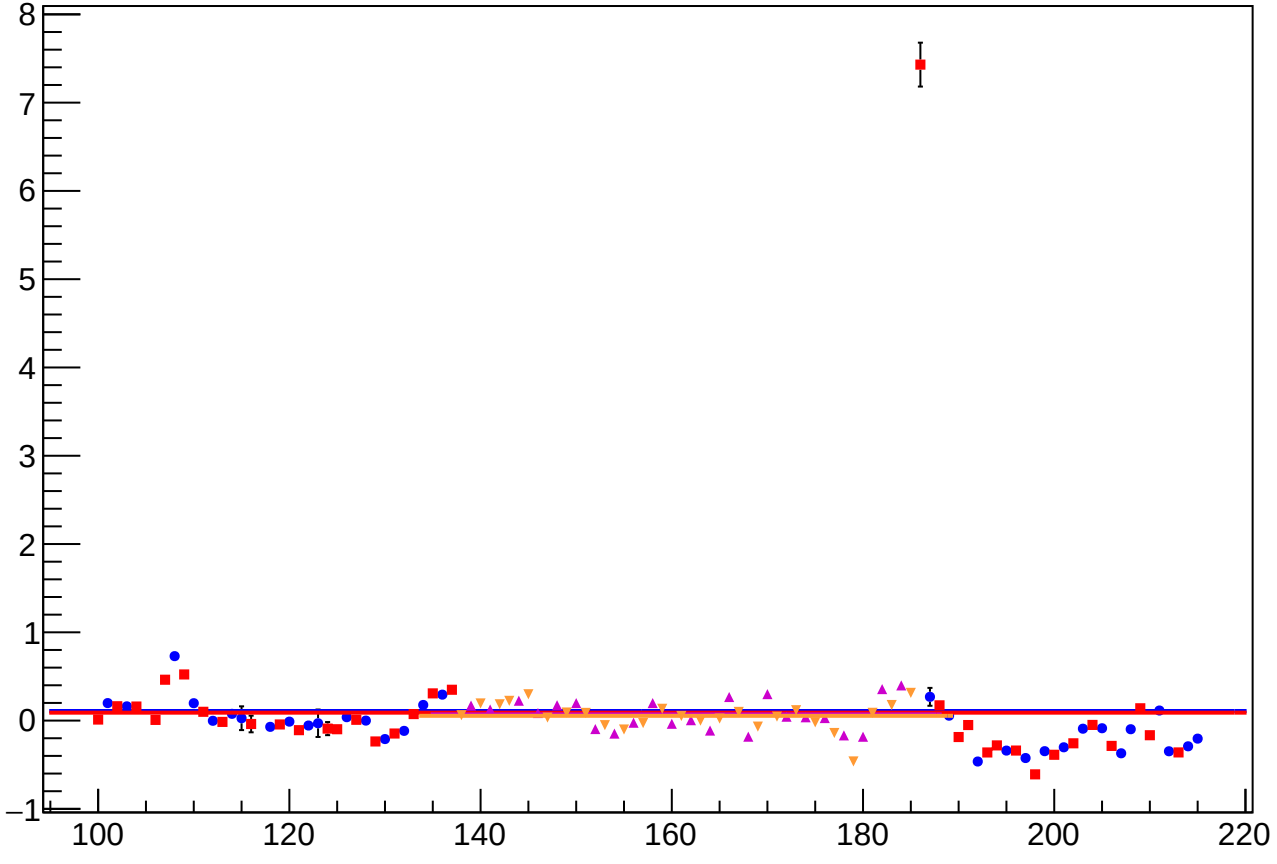
Left In: 48.744+/-0.064 χ^2/NDF:2097.7/22

+ sign 28.615+/-0.043 χ^2/NDF: 353598.1/56

All: 29.708+/-0.031 χ^2/NDF: 650237.0/113

- sign 30.902+/-0.045 χ^2/NDF: 295286.0/56

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: 11110.8/33

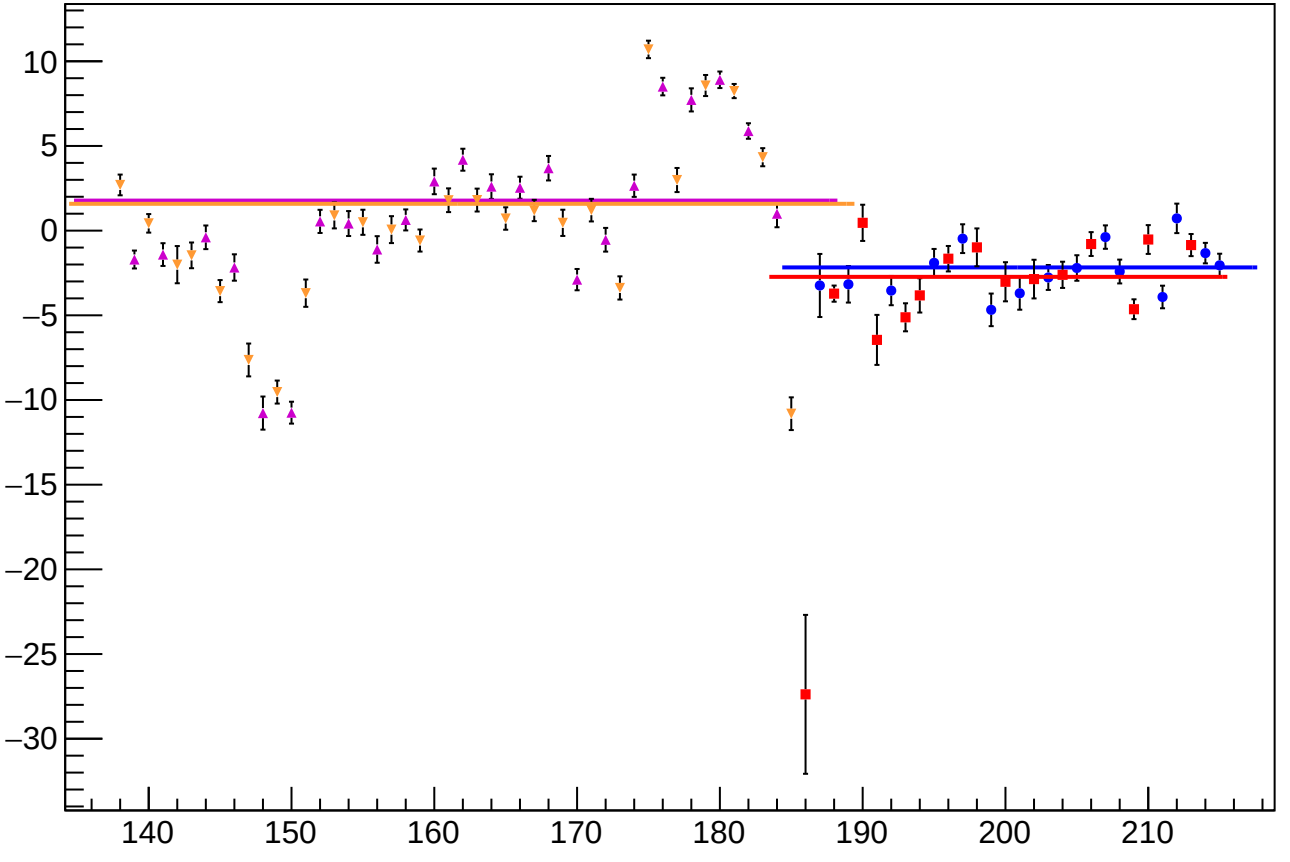
Left In: 0.070+/-0.003 χ^2/NDF:3233.8/22

+ sign 0.085+/-0.002 χ^2/NDF: 14457.2/56

All: 0.083+/-0.001 χ^2/NDF: 28830.6/113

- sign 0.082+/-0.002 χ^2/NDF: 14371.9/56

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: -2.729+/-0.210 χ^2/NDF: 94.5/14

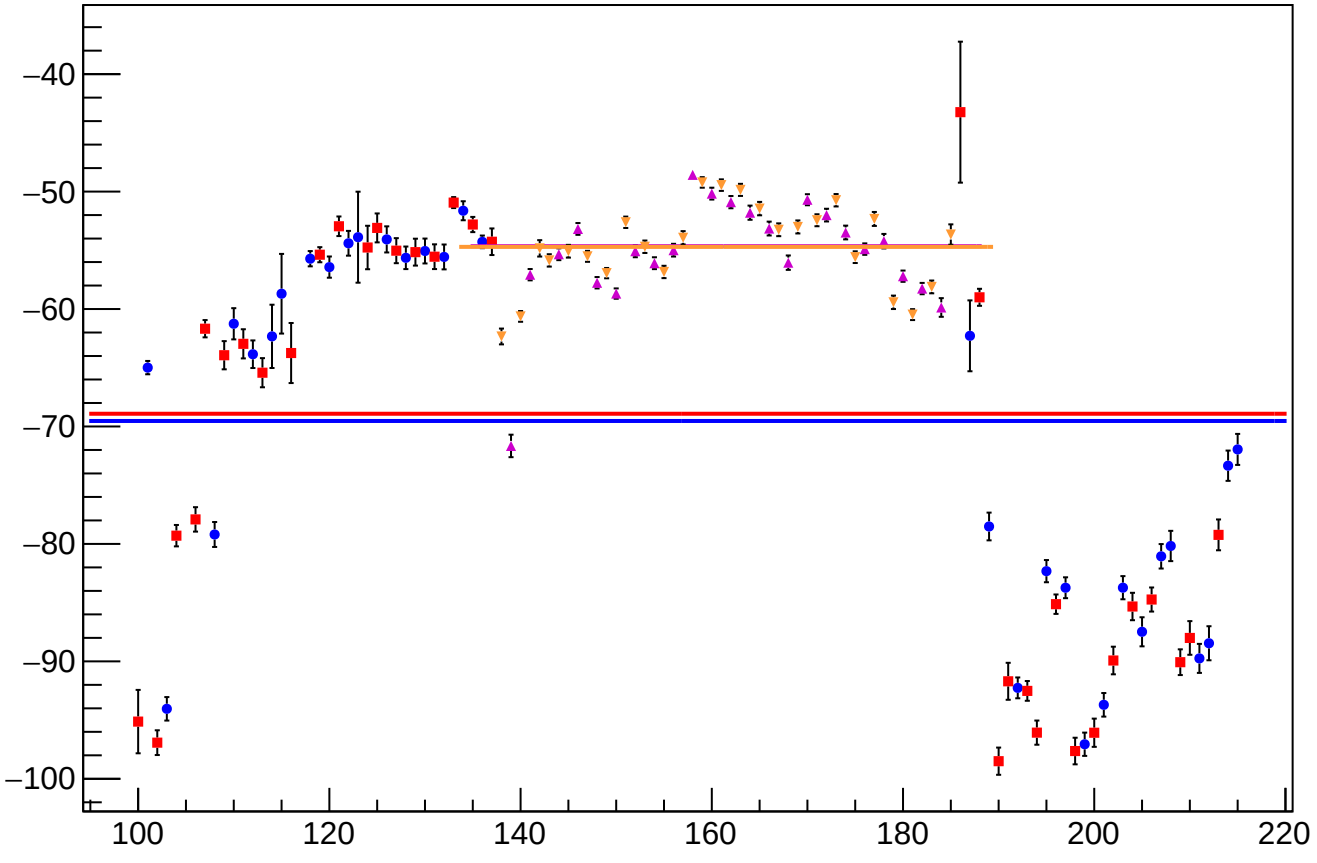
Left In: 1.774+/-0.135 χ^2/NDF:1297.3/22

+ sign 0.480+/-0.111 χ^2/NDF: 1738.7/39

All: 0.468+/-0.080 χ^2/NDF: 3455.3/77

- sign 0.455+/-0.114 χ^2/NDF: 1716.5/37

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: -68.916+/-0.169 χ^2/NDF: 10374.7/33

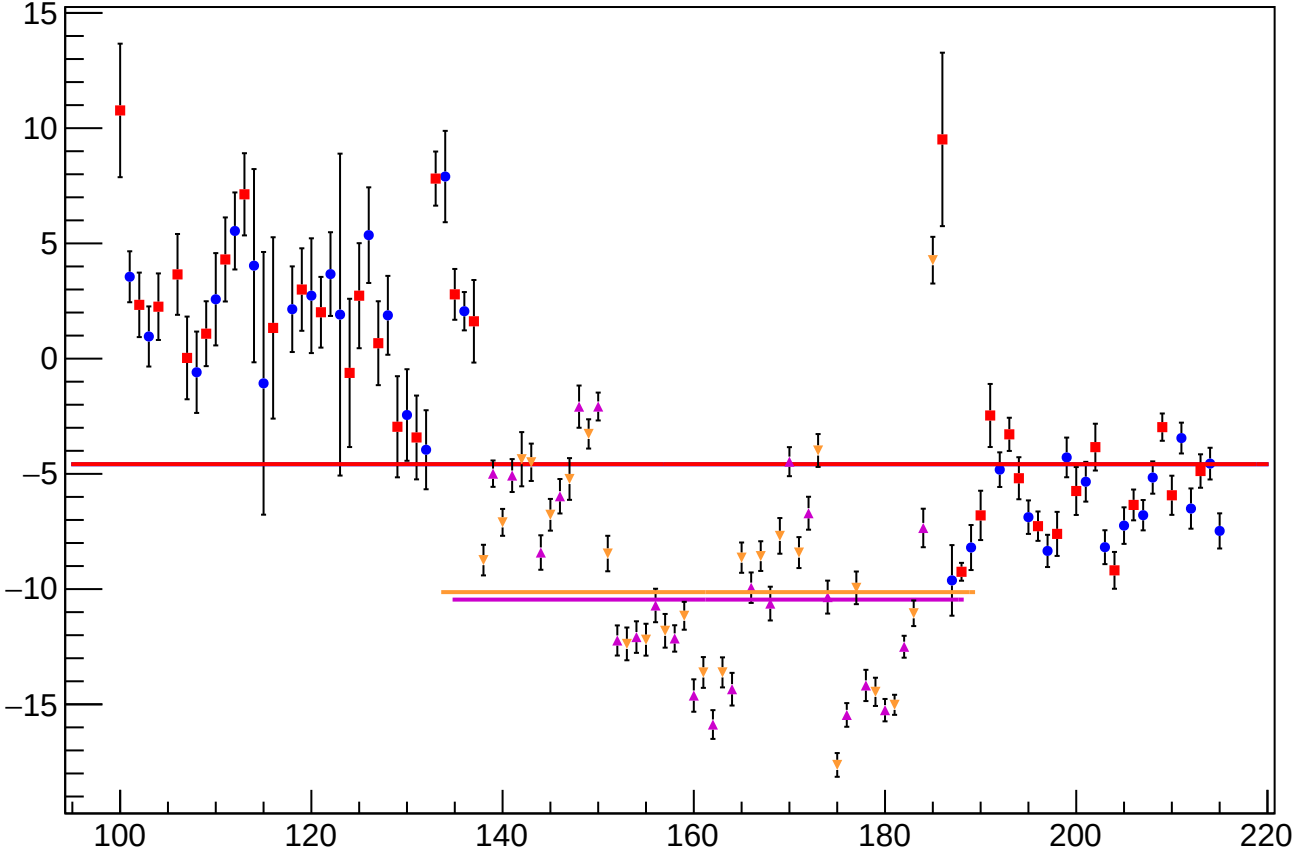
Left In: -54.650+/-0.110 χ^2/NDF:1077.1/22

+ sign -58.586+/-0.091 χ^2/NDF: 13608.7/56

All: -58.728+/-0.065 χ^2/NDF: 30065.8/113

- sign -58.874+/-0.092 χ^2/NDF: 16452.2/56

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: -4.578+/-0.173 χ^2/NDF: 663.9/33

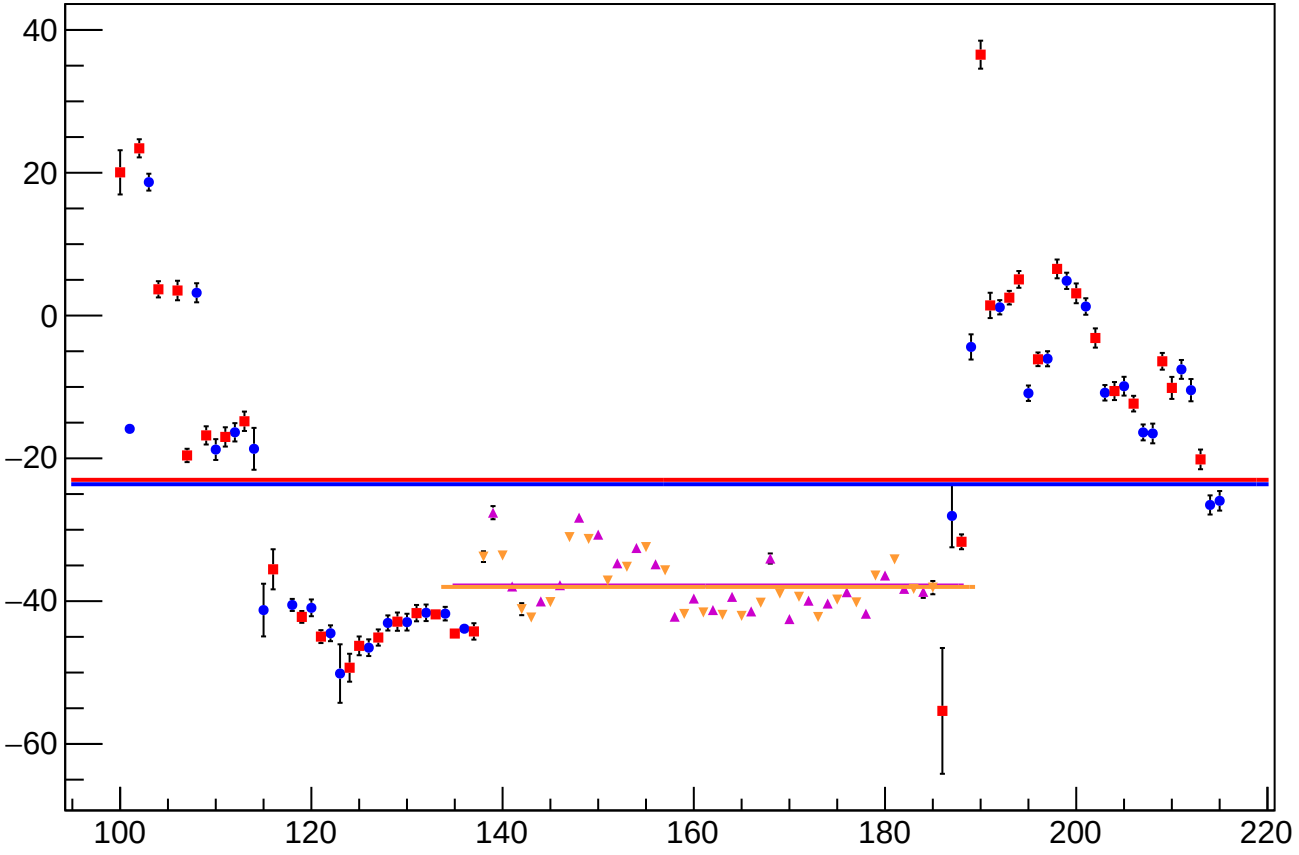
Left In: -10.456+/-0.135 χ^2/NDF:1002.7/22

+ sign -8.166+/-0.107 χ^2/NDF: 2123.7/56

All: -8.205+/-0.075 χ^2/NDF: 4507.8/113

- sign -8.244+/-0.106 χ^2/NDF: 2383.9/56

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: -23.008+/-0.196 χ^2/NDF: 11890.4/33

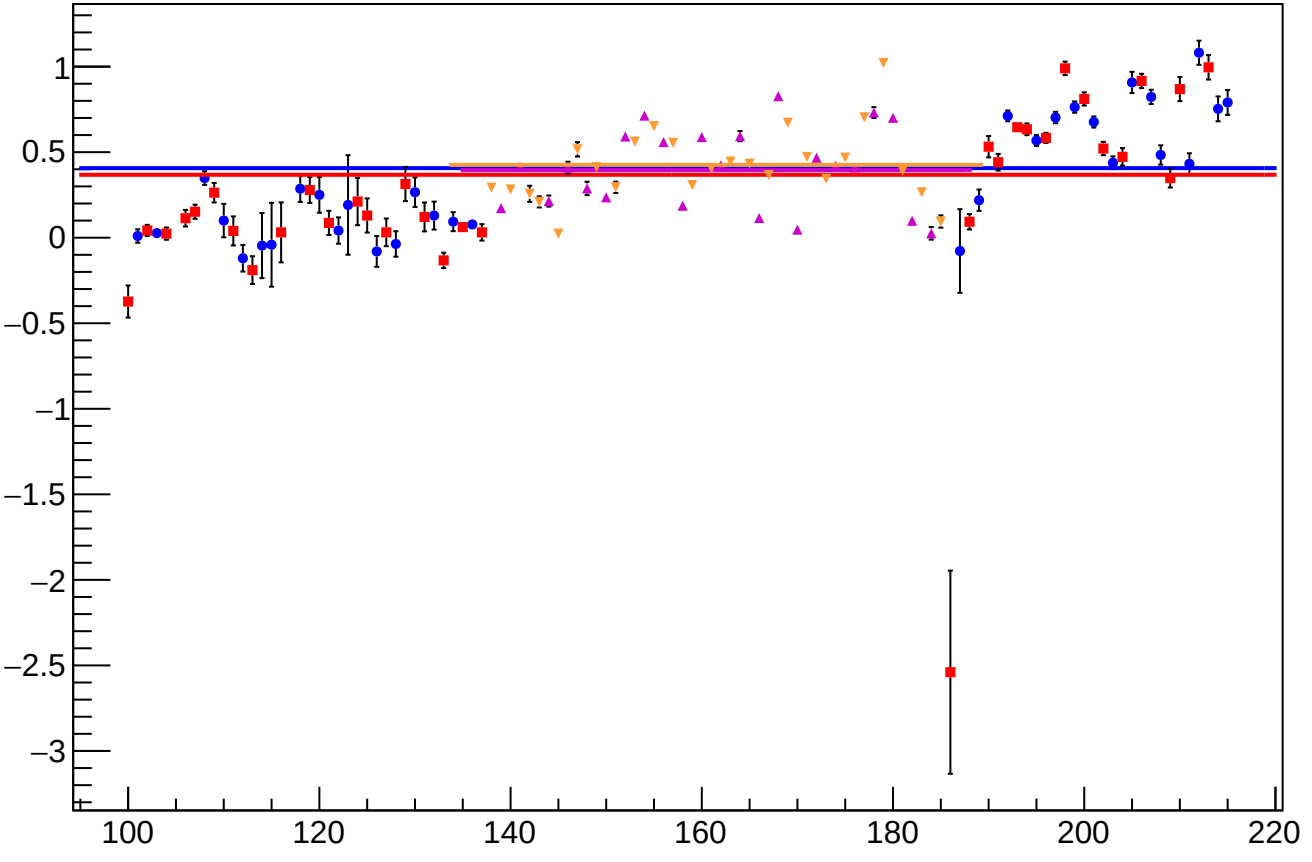
Left In: -37.809+/-0.122 χ^2/NDF:1039.9/22

+ sign -34.290+/-0.102 χ^2/NDF: 13405.2/56

All: -33.984+/-0.073 χ^2/NDF: 30451.5/113

- sign -33.668+/-0.104 χ^2/NDF: 17028.1/56

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: 0.368+/-0.008 χ^2/NDF: 1706.2/33

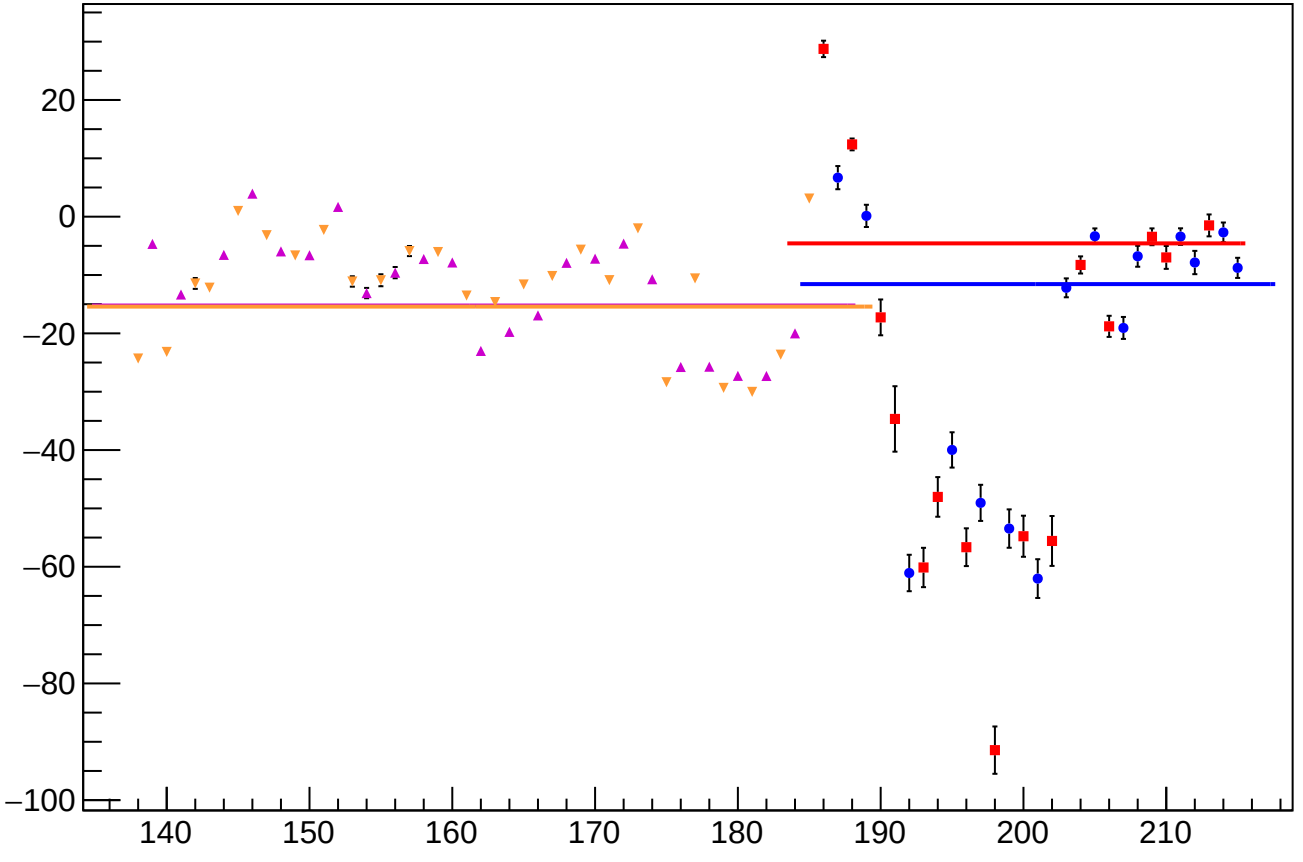
Left In: 0.395+/-0.005 χ^2/NDF:1798.2/22

+ sign 0.420+/-0.005 χ^2/NDF: 2709.2/56

All: 0.404+/-0.003 χ^2/NDF: 6248.5/113

- sign 0.387+/-0.005 χ^2/NDF: 3512.0/56

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: -4.578+/-0.508 χ^2/NDF: 2456.7/14

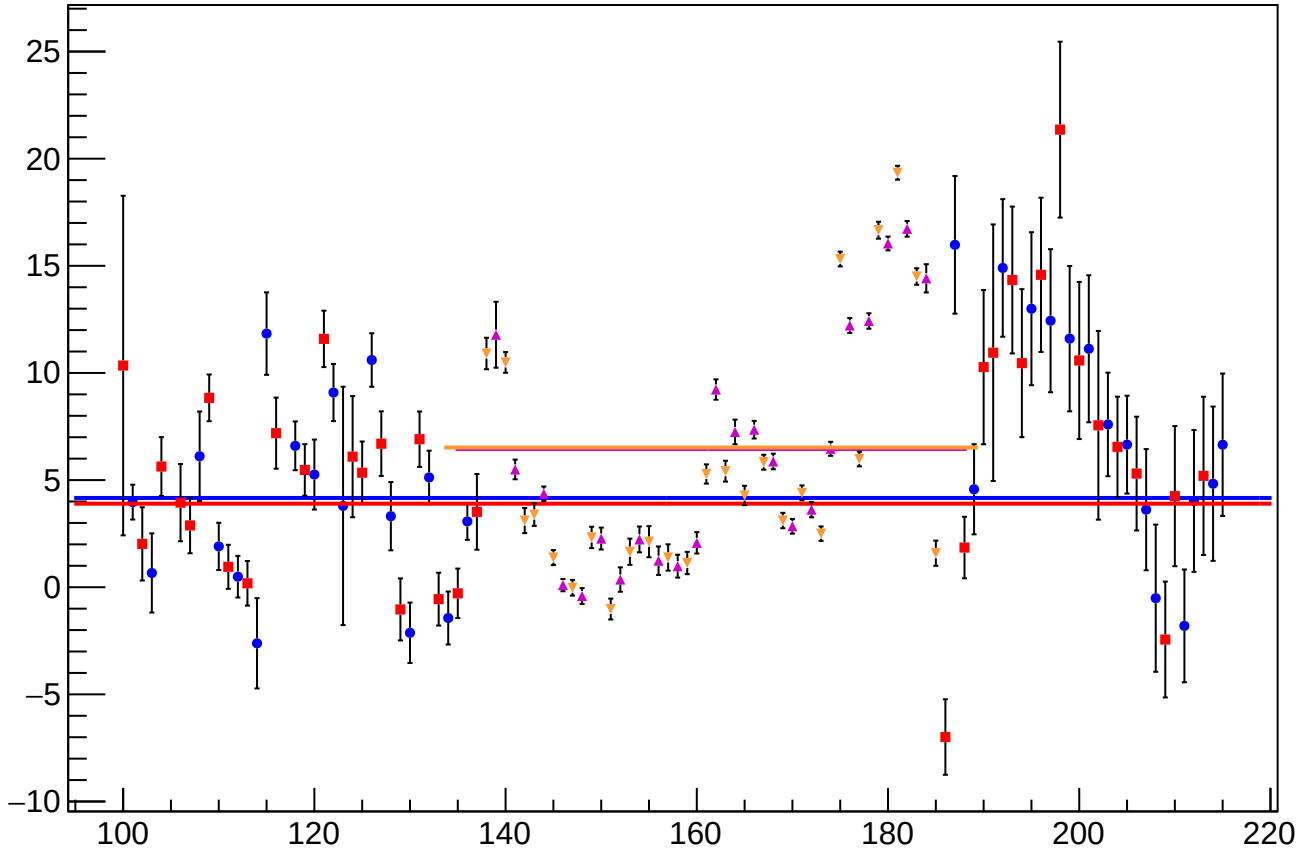
Left In: -15.229+/-0.107 χ^2/NDF:8657.3/22

+ sign -15.249+/-0.103 χ^2/NDF: 11694.3/39

All: -15.018+/-0.073 χ^2/NDF: 23239.8/77

- sign -14.779+/-0.104 χ^2/NDF: 11535.2/37

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: 3.899+/-0.289 χ^2/NDF: 229.4/33

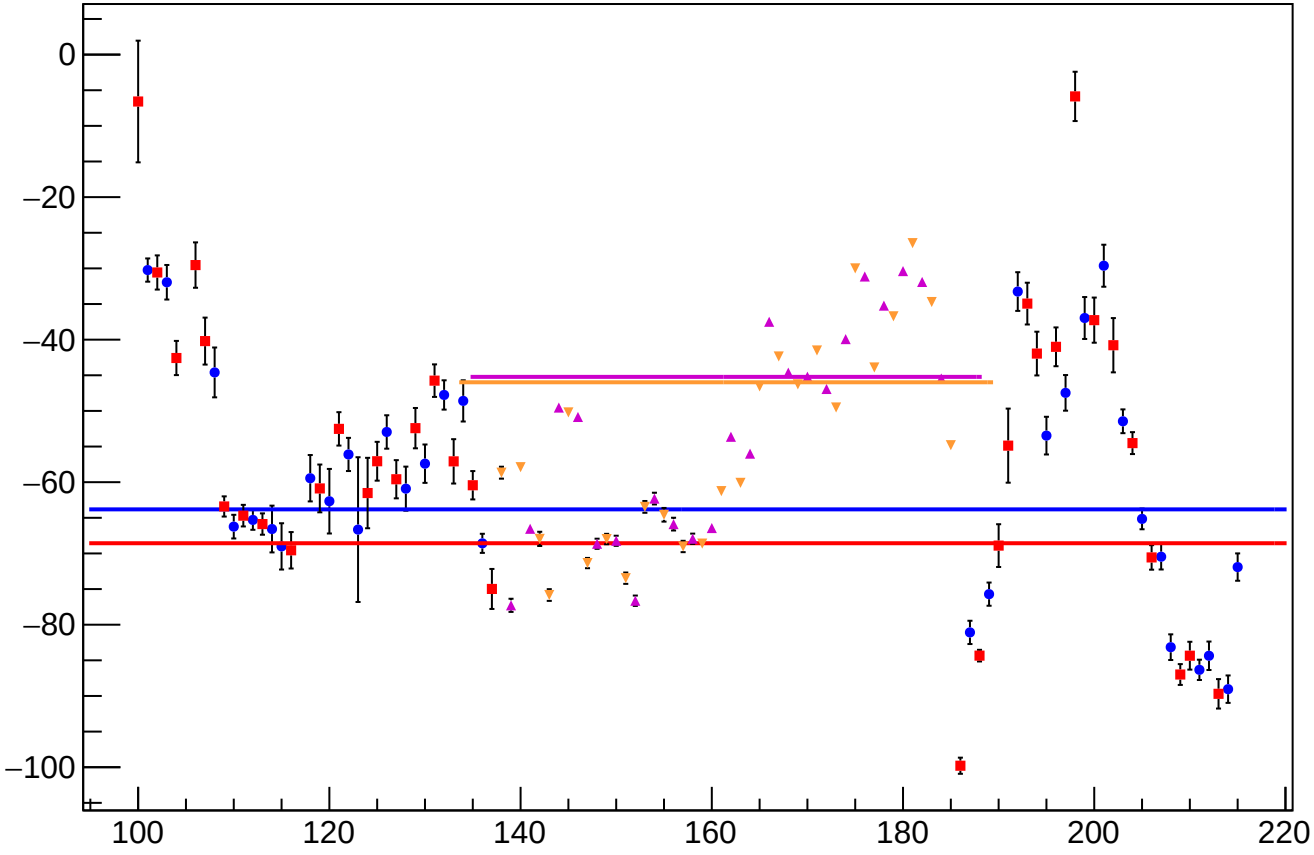
Left In: 6.452+/-0.086 χ^2/NDF:3948.0/22

+ sign 6.330+/-0.082 χ^2/NDF: 5241.0/56

All: 6.288+/-0.058 χ^2/NDF: 9490.5/113

- sign 6.244+/-0.083 χ^2/NDF: 4249.0/56

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: -68.567+/-0.349 χ^2/NDF: 3262.1/33

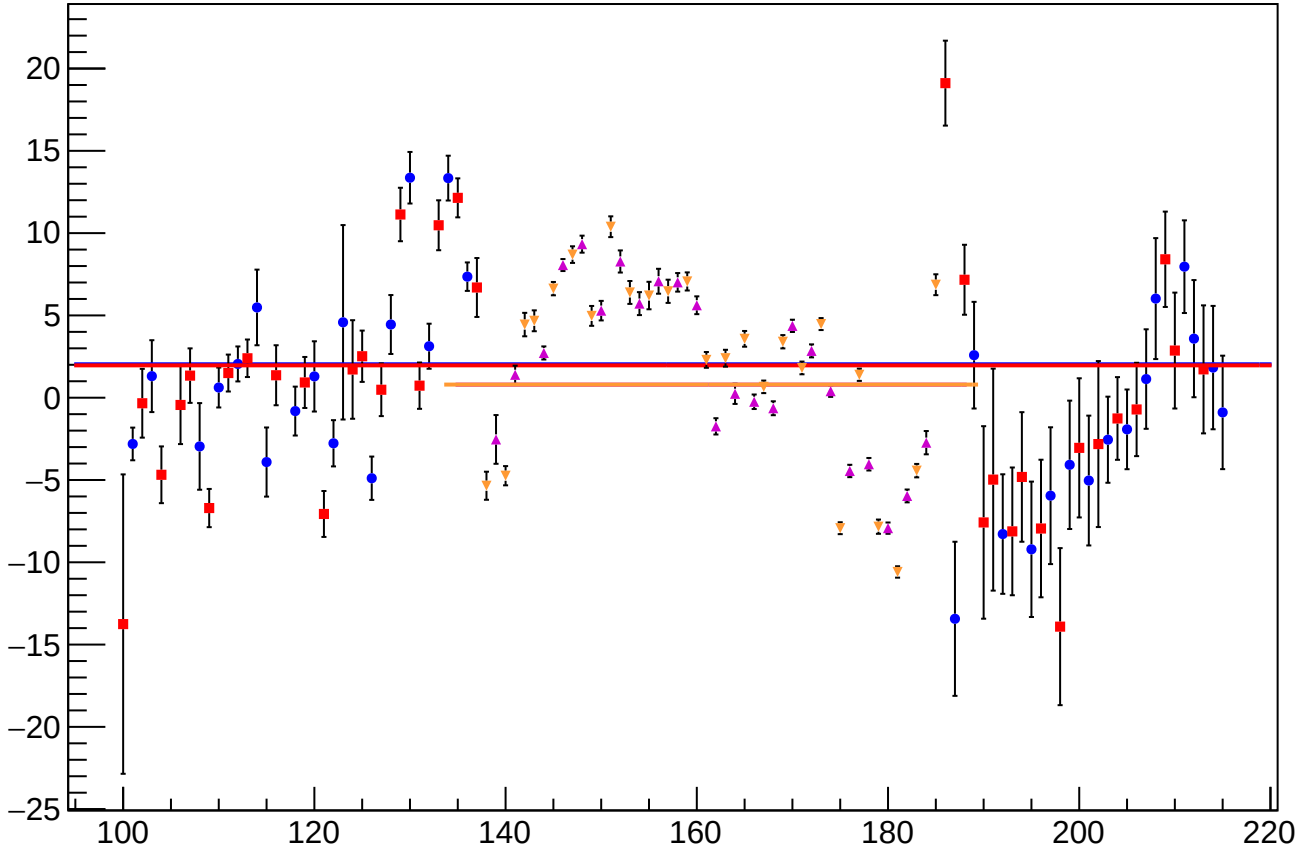
Left In: -45.222+/-0.107 χ^2/NDF:15600.2/22

+ sign -47.380+/-0.102 χ^2/NDF: 21643.0/56

All: -47.310+/-0.072 χ^2/NDF: 44604.8/113

- sign -47.239+/-0.102 χ^2/NDF: 22960.8/56

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: 1.966+/-0.330 χ^2/NDF: 354.8/33

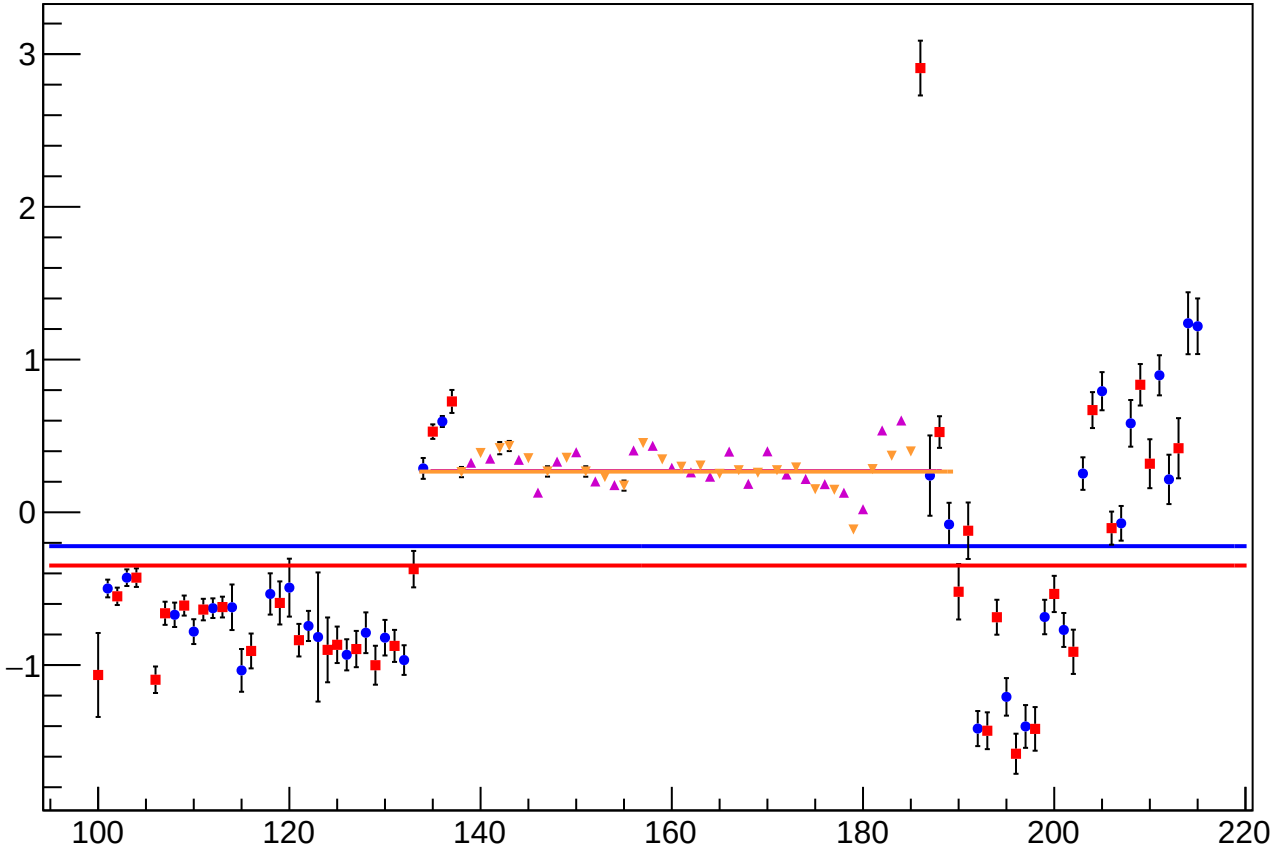
Left In: 0.792+/-0.097 χ^2/NDF:2692.5/22

+ sign 0.897+/-0.092 χ^2/NDF: 4065.7/56

All: 0.891+/-0.065 χ^2/NDF: 7124.6/113

- sign 0.885+/-0.093 χ^2/NDF: 3058.9/56

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: -0.348+/-0.017 χ^2/NDF: 1692.9/33

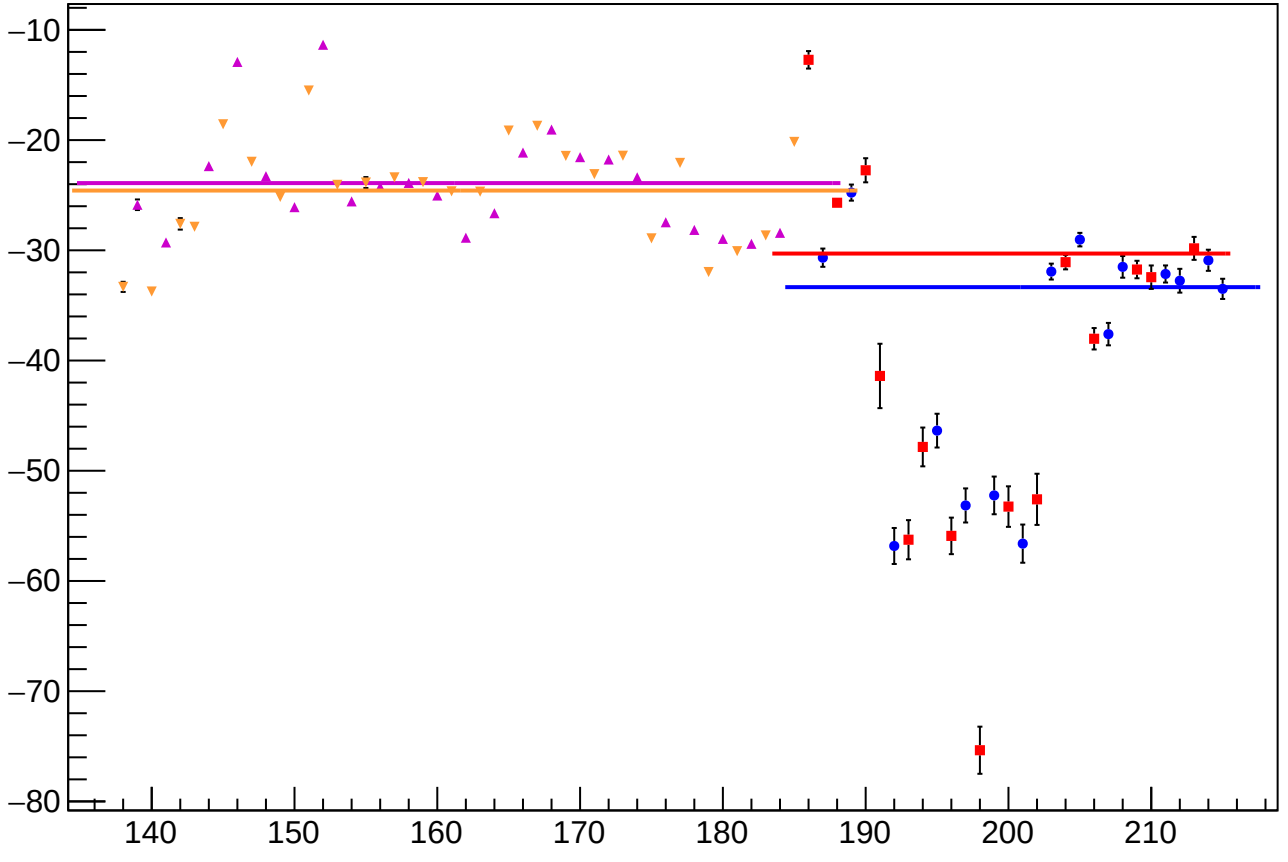
Left In: 0.270+/-0.004 χ^2/NDF:969.9/22

+ sign 0.235+/-0.004 χ^2/NDF: 3065.9/56

All: 0.232+/-0.003 χ^2/NDF: 7017.3/113

- sign 0.230+/-0.004 χ^2/NDF: 3950.5/56

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: -30.294+/-0.247 χ^2/NDF: 1983.2/14

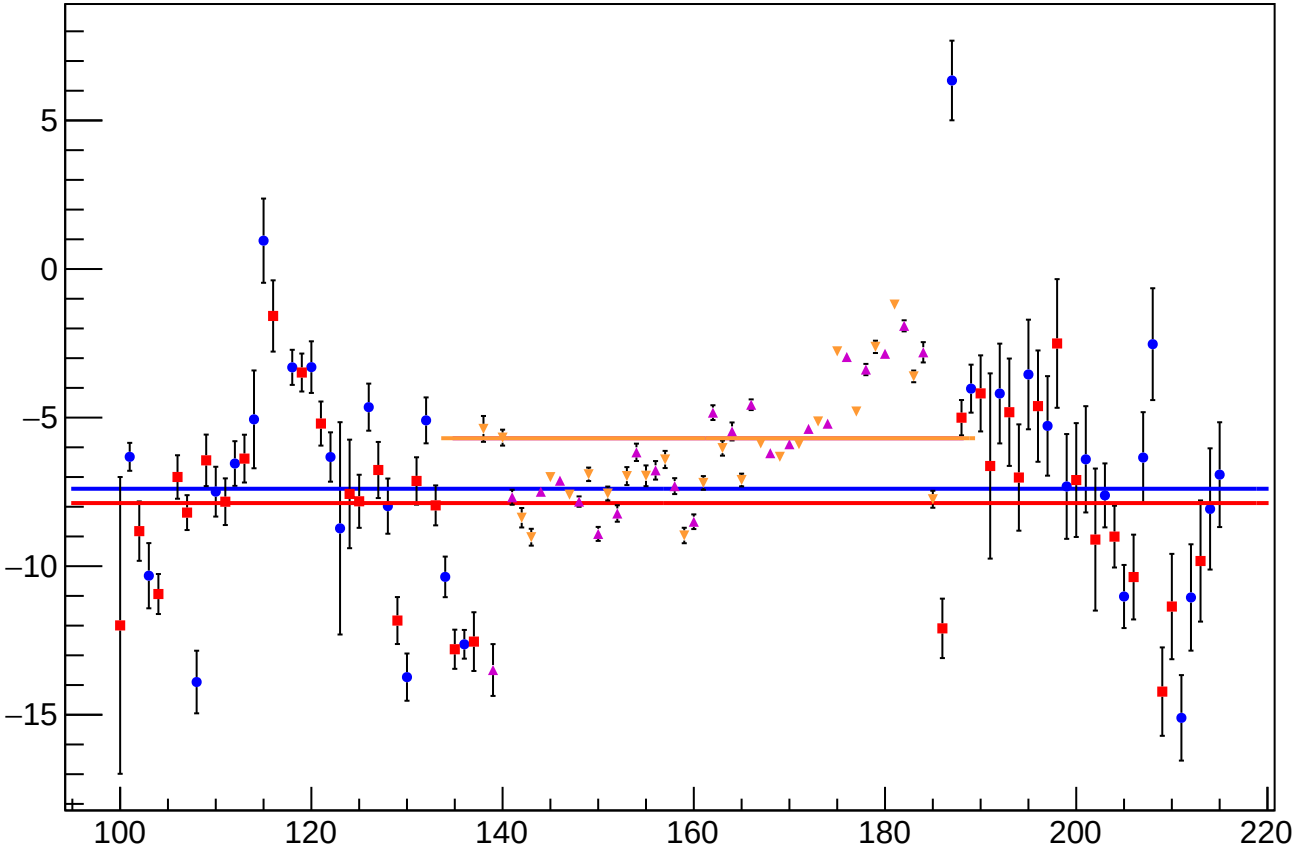
Left In: -23.901+/-0.051 χ^2/NDF:9154.9/22

+ sign -24.940+/-0.050 χ^2/NDF: 10790.1/39

All: -24.553+/-0.035 χ^2/NDF: 22692.3/77

- sign -24.164+/-0.050 χ^2/NDF: 11781.6/37

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+/-0.164 χ^2/NDF: 312.9/33

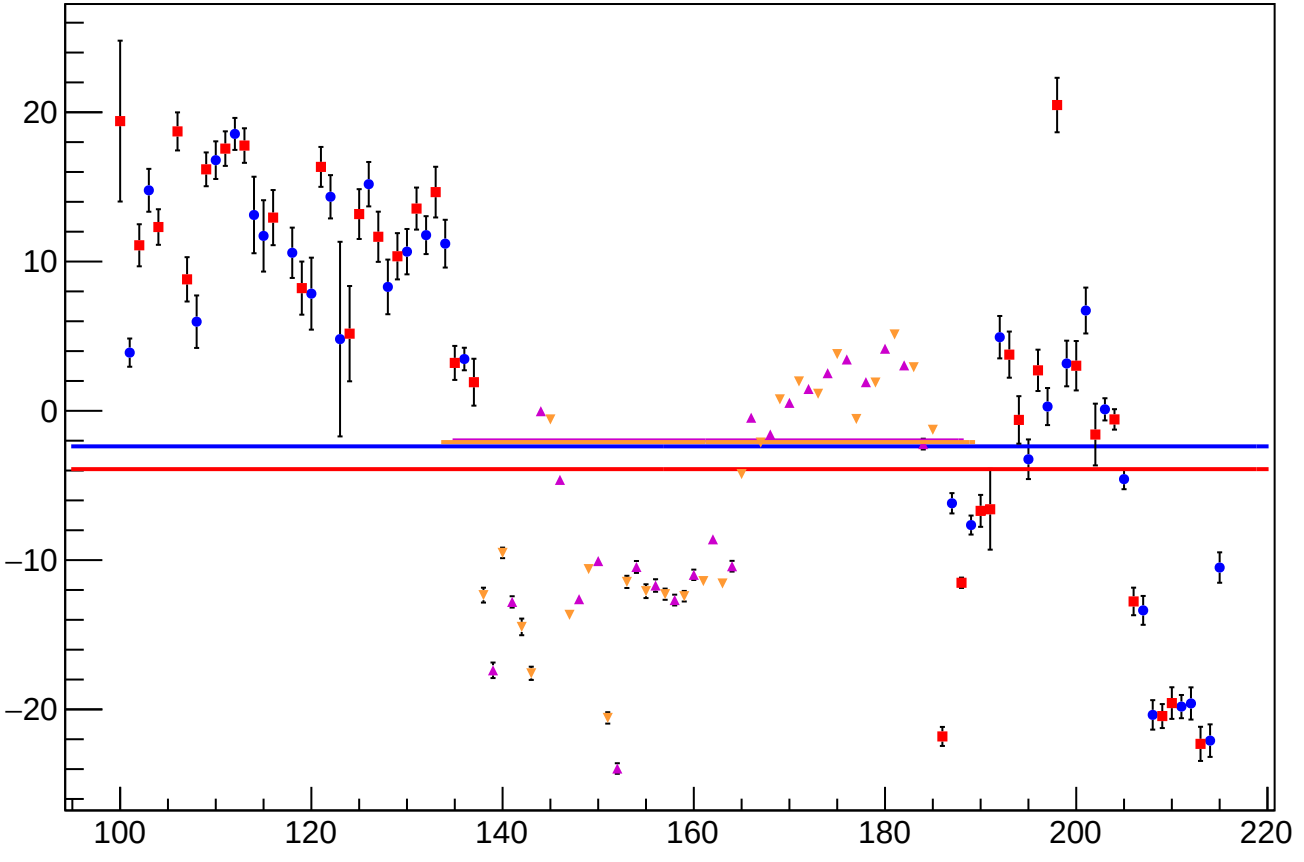
Left In: -5.696+/-0.041 χ^2/NDF:2309.8/22

+ sign -5.792+/-0.040 χ^2/NDF: 2922.3/56

All: -5.808+/-0.028 χ^2/NDF: 5712.7/113

- sign -5.824+/-0.040 χ^2/NDF: 2790.1/56

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: -3.906+/-0.184 χ^2/NDF: 5229.9/33

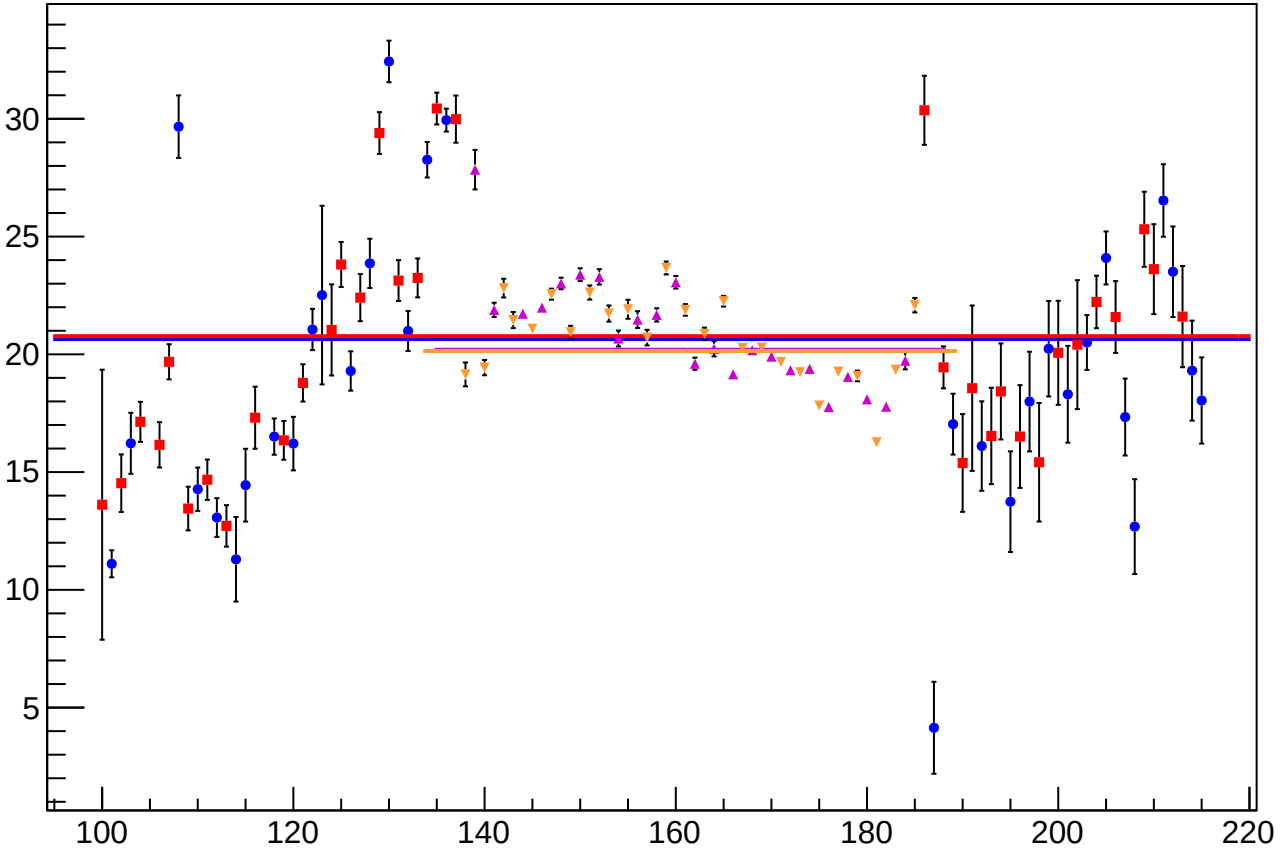
Left In: -1.980+/-0.051 χ^2/NDF:15382.3/22

+ sign -2.111+/-0.050 χ^2/NDF: 19725.4/56

All: -2.115+/-0.035 χ^2/NDF: 40439.4/113

- sign -2.119+/-0.049 χ^2/NDF: 20714.0/56

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: 20.770+/-0.191 χ^2/NDF: 800.6/33

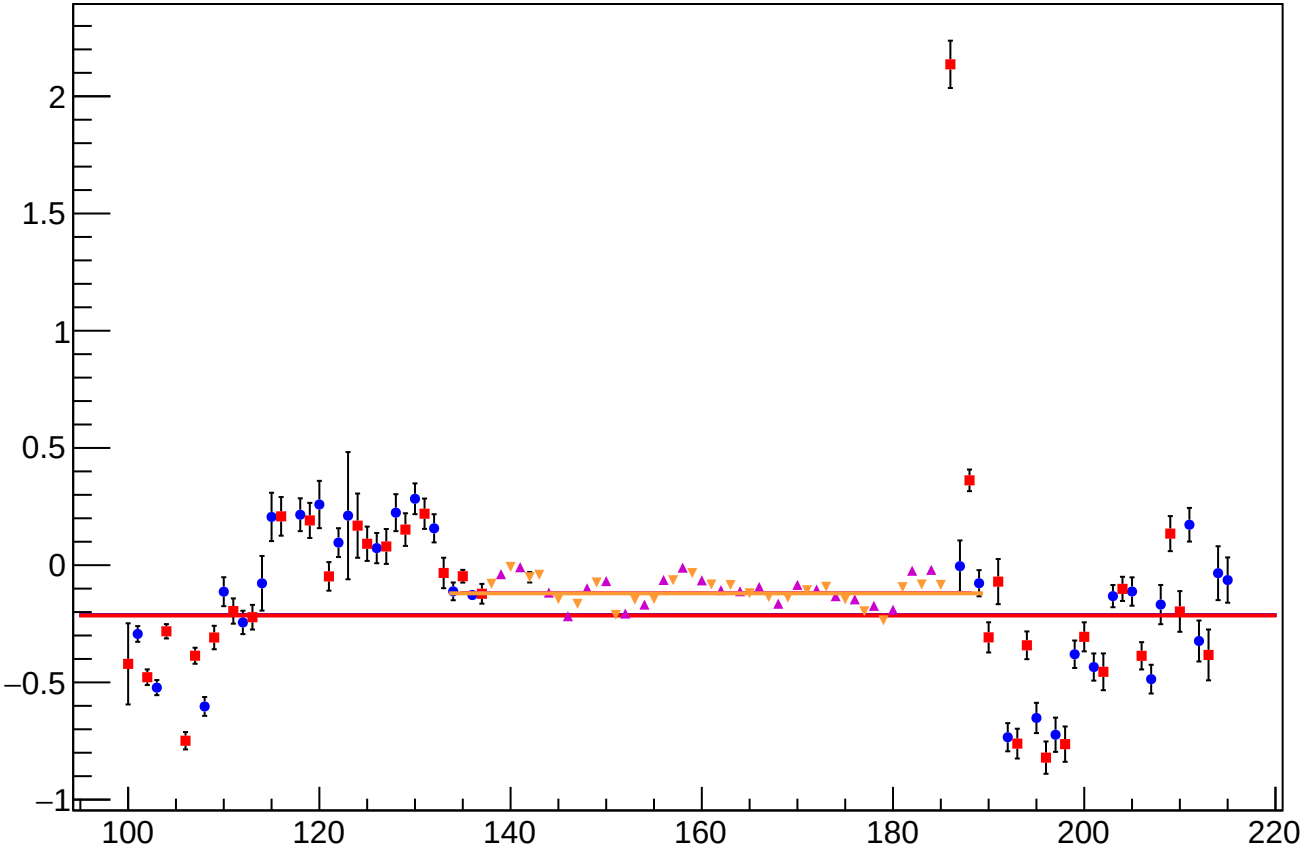
Left In: 20.194+/-0.046 χ^2/NDF:1447.4/22

+ sign 20.169+/-0.045 χ^2/NDF: 2785.4/56

All: 20.197+/-0.032 χ^2/NDF: 5042.7/113

- sign 20.225+/-0.045 χ^2/NDF: 2256.5/56

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: -0.214+/-0.009 χ^2/NDF: 1494.7/33

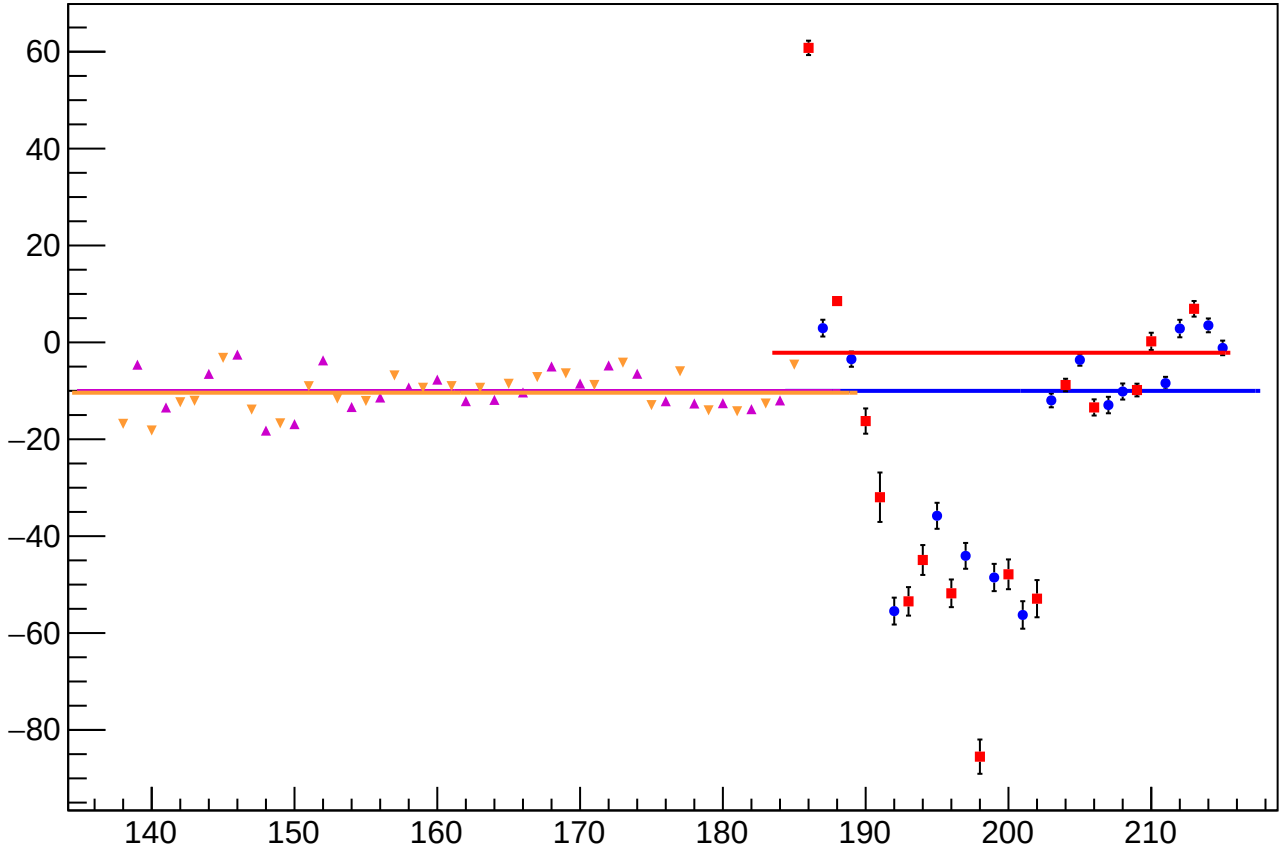
Left In: -0.119+/-0.002 χ^2/NDF:721.8/22

+ sign -0.124+/-0.002 χ^2/NDF: 1357.2/56

All: -0.124+/-0.001 χ^2/NDF: 3675.0/113

- sign -0.123+/-0.002 χ^2/NDF: 2317.7/56

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

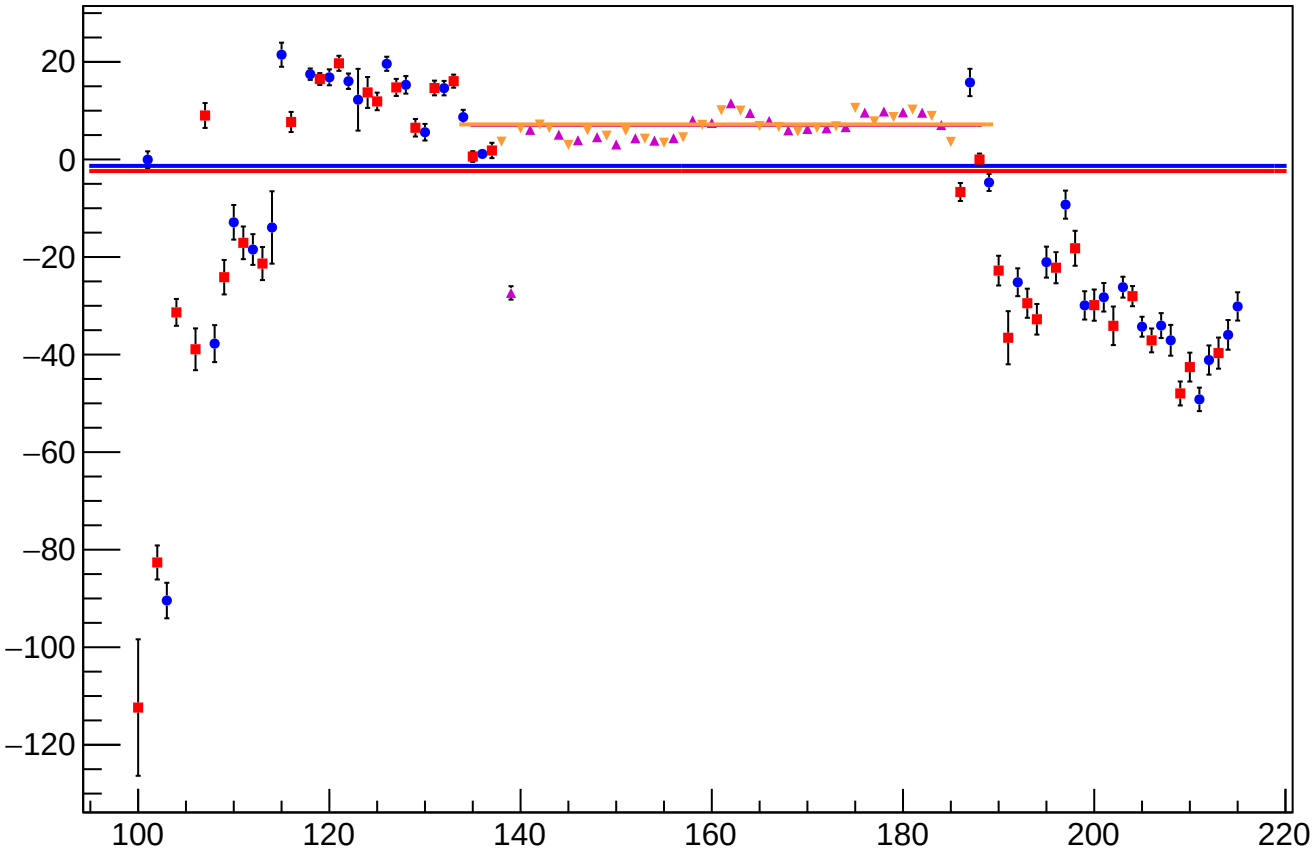
Right Out: -2.140+/-0.455 χ^2/NDF: 3900.2/14

Left In: -10.036+/-0.090 χ^2/NDF:1758.7/22

\+ sign -10.376+/-0.086 χ^2/NDF: 3372.2/39

All: -10.065+/-0.062 χ^2/NDF: 9347.4/77

\- sign -9.742+/-0.088 χ^2/NDF: 5948.6/37



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: -2.381+/-0.360 χ^2/NDF: 3375.0/33

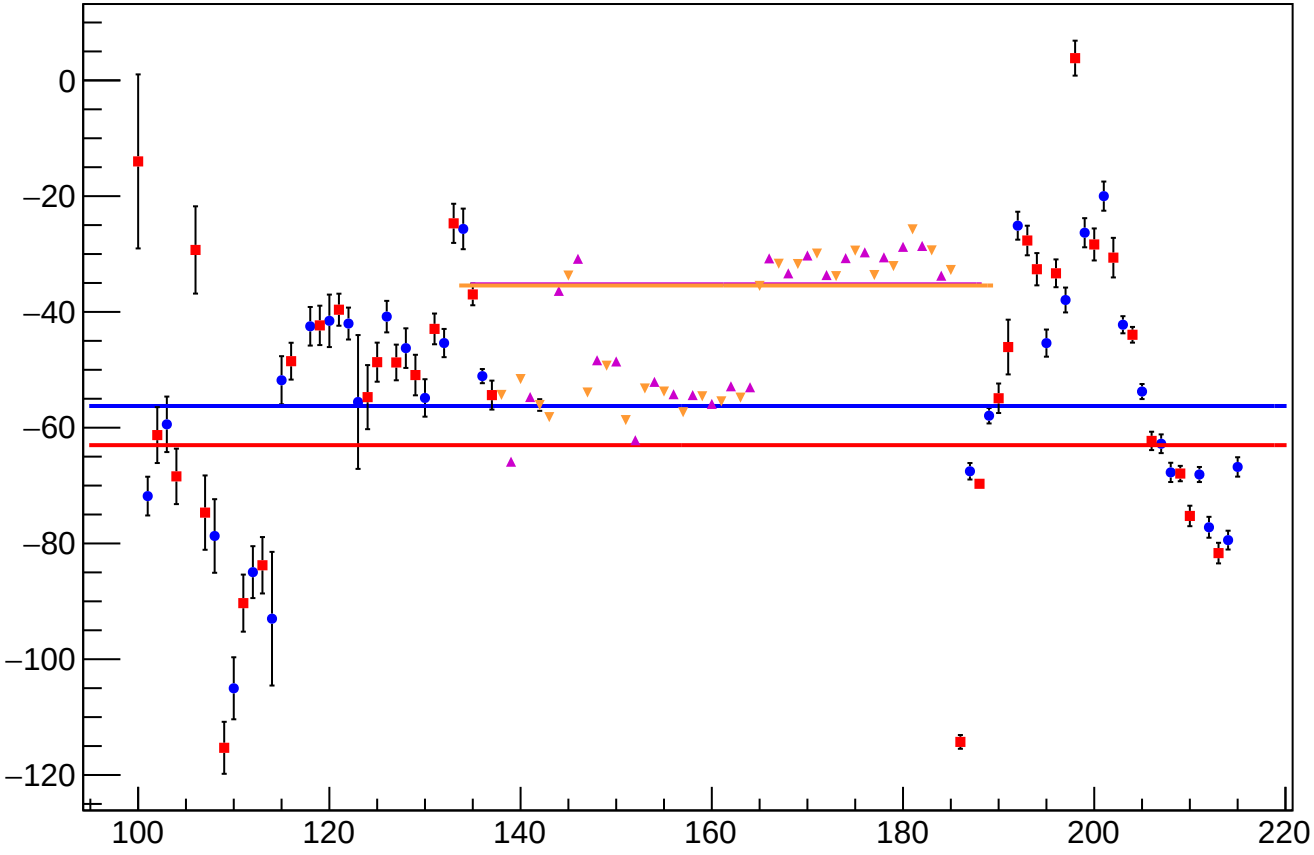
Left In: 7.053+/-0.074 χ^2/NDF:1535.8/22

+ sign 6.820+/-0.072 χ^2/NDF: 5126.7/56

All: 6.745+/-0.051 χ^2/NDF: 10699.4/113

- sign 6.668+/-0.073 χ^2/NDF: 5570.4/56

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: -63.018+/-0.366 χ^2/NDF: 4340.0/33

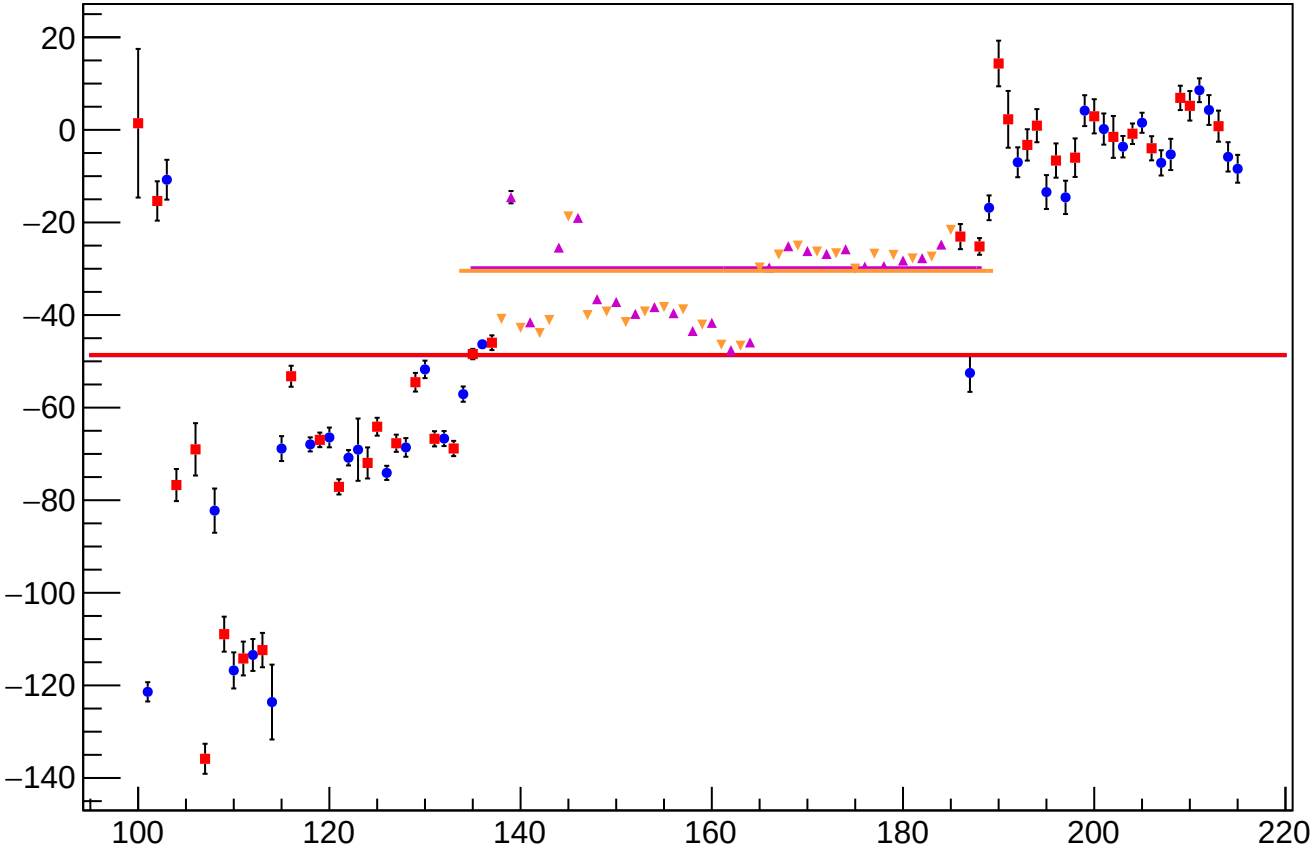
Left In: -35.229+/-0.090 χ^2/NDF:11602.9/22

\+ sign -36.555+/-0.087 χ^2/NDF: 17397.3/56

All: -36.686+/-0.062 χ^2/NDF: 38789.5/113

\- sign -36.820+/-0.087 χ^2/NDF: 21387.6/56

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: -48.612+/-0.412 χ^2/NDF: 5787.1/33

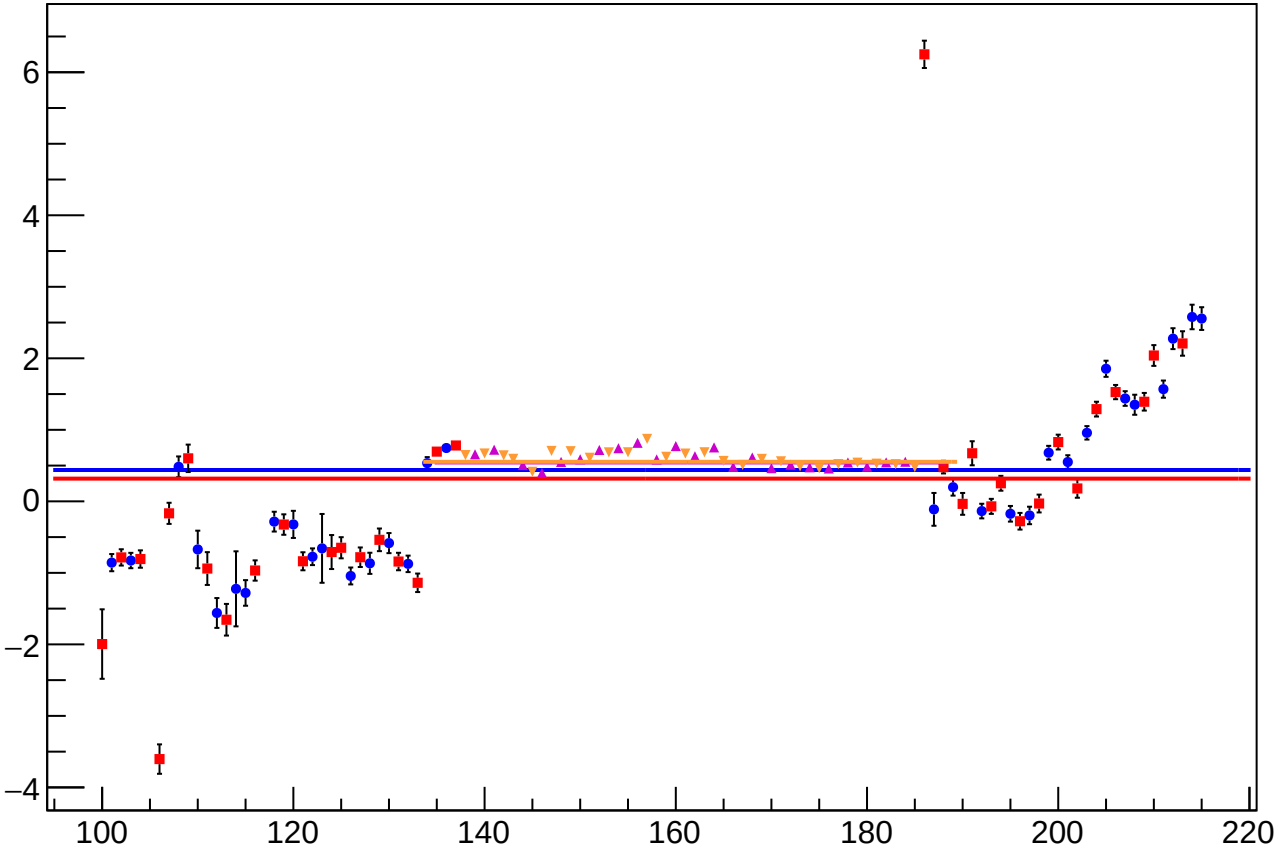
Left In: -29.892+/-0.083 χ^2/NDF:7115.0/22

+ sign -31.221+/-0.080 χ^2/NDF: 16773.2/56

All: -30.922+/-0.057 χ^2/NDF: 31685.8/113

- sign -30.614+/-0.081 χ^2/NDF: 14884.2/56

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: 0.318+/-0.020 χ^2/NDF: 2987.9/33

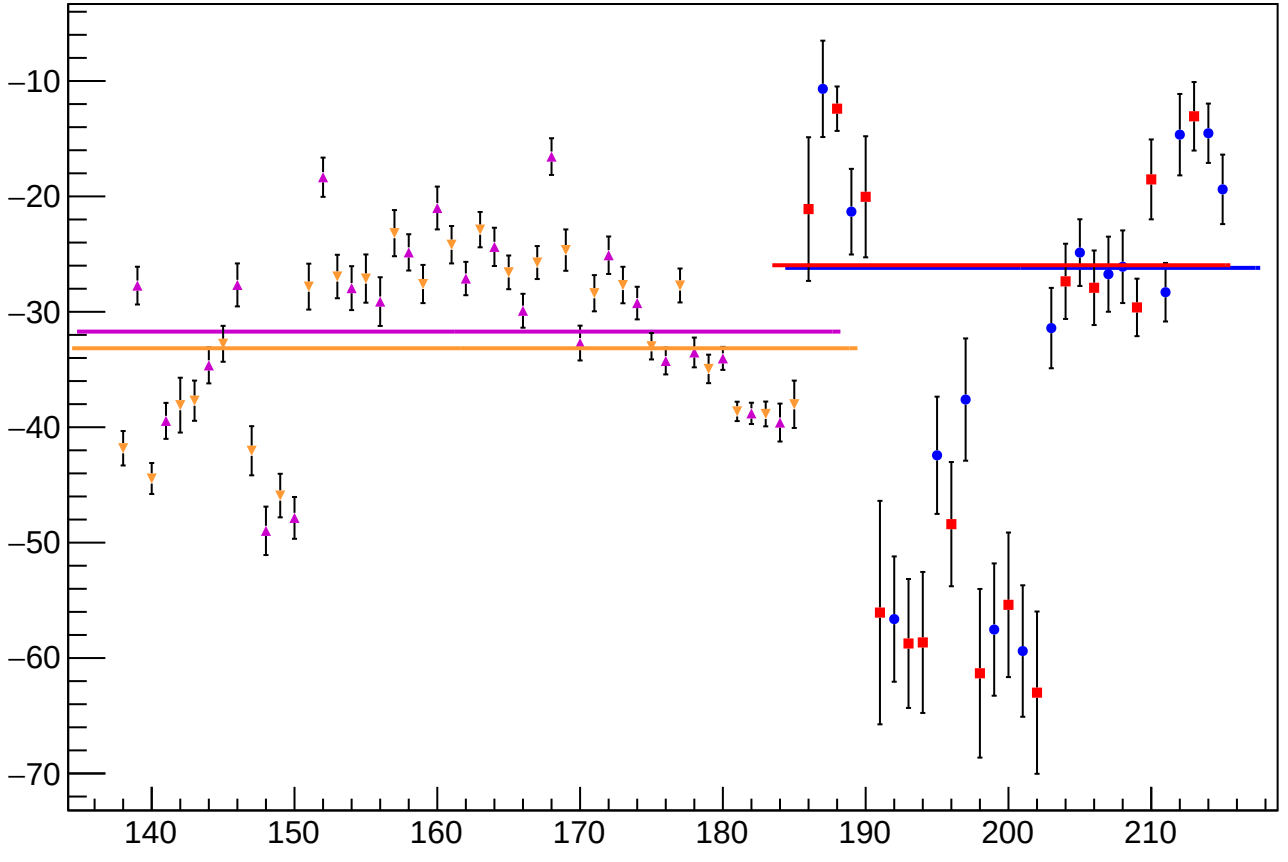
Left In: 0.544+/-0.004 χ^2/NDF:655.9/22

+ sign 0.549+/-0.004 χ^2/NDF: 2718.6/56

All: 0.542+/-0.003 χ^2/NDF: 6491.2/113

- sign 0.536+/-0.004 χ^2/NDF: 3766.7/56

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: -25.965+/-0.976 χ^2/NDF: 241.2/14

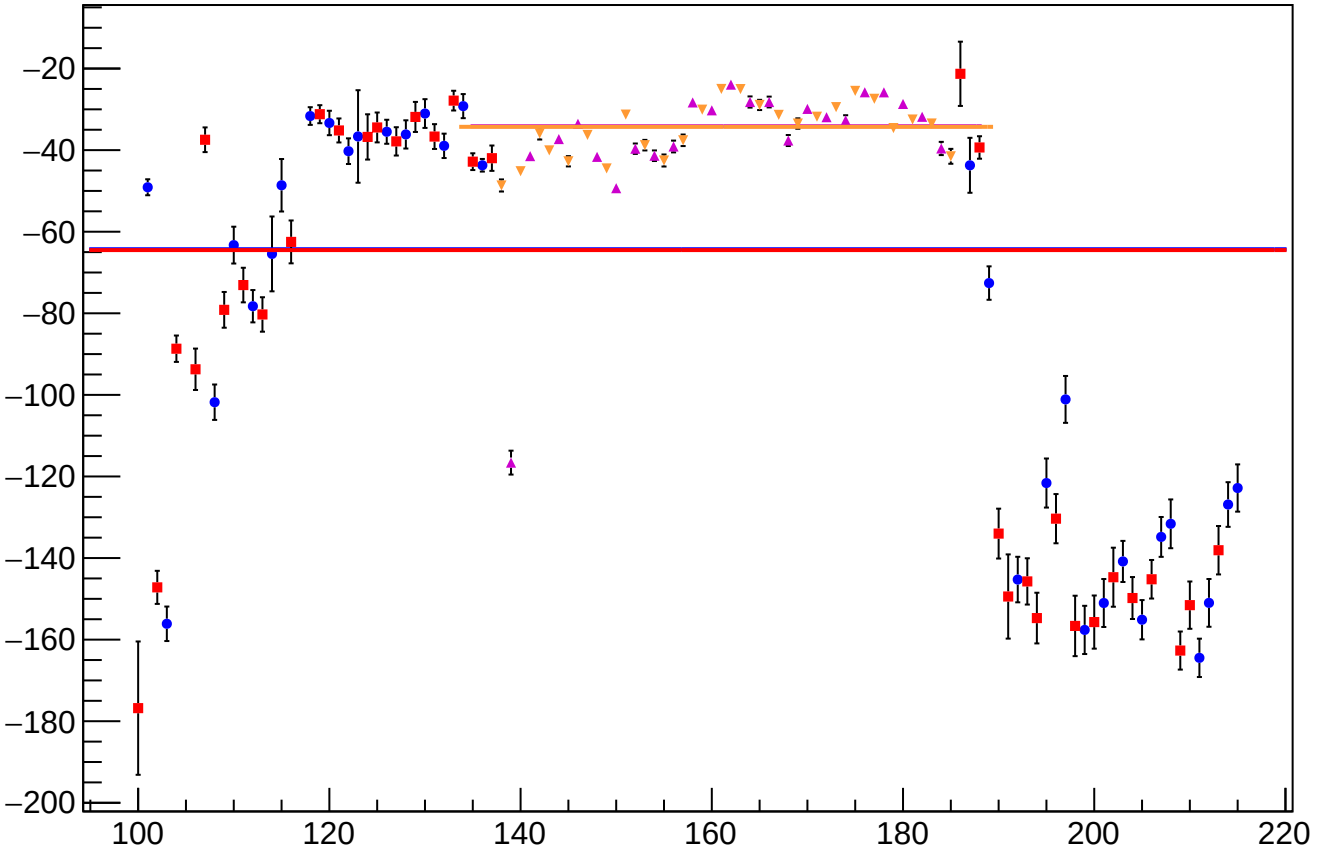
Left In: -31.714+/-0.309 χ^2/NDF:542.3/22

+ sign -32.480+/-0.285 χ^2/NDF: 717.7/39

All: -31.856+/-0.205 χ^2/NDF: 1542.5/77

- sign -31.191+/-0.295 χ^2/NDF: 814.9/37

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: -64.503+/-0.670 χ^2/NDF: 4400.5/33

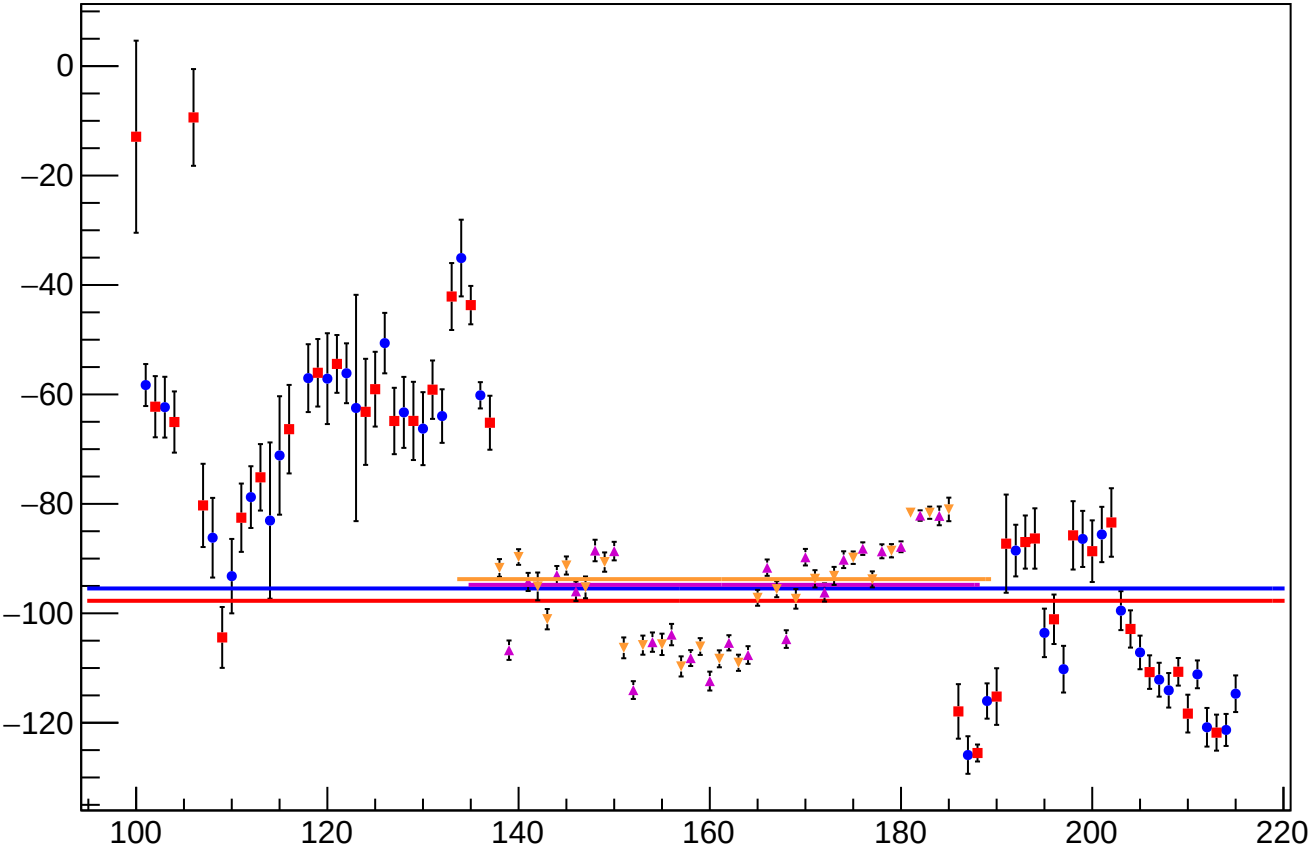
Left In: -34.145+/-0.251 χ^2/NDF:1452.6/22

\+ sign -37.961+/-0.226 χ^2/NDF: 6899.8/56

All: -37.920+/-0.163 χ^2/NDF: 14553.4/113

\- sign -37.875+/-0.235 χ^2/NDF: 7653.4/56

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: -97.713+/-0.754 χ^2/NDF: 1370.9/33

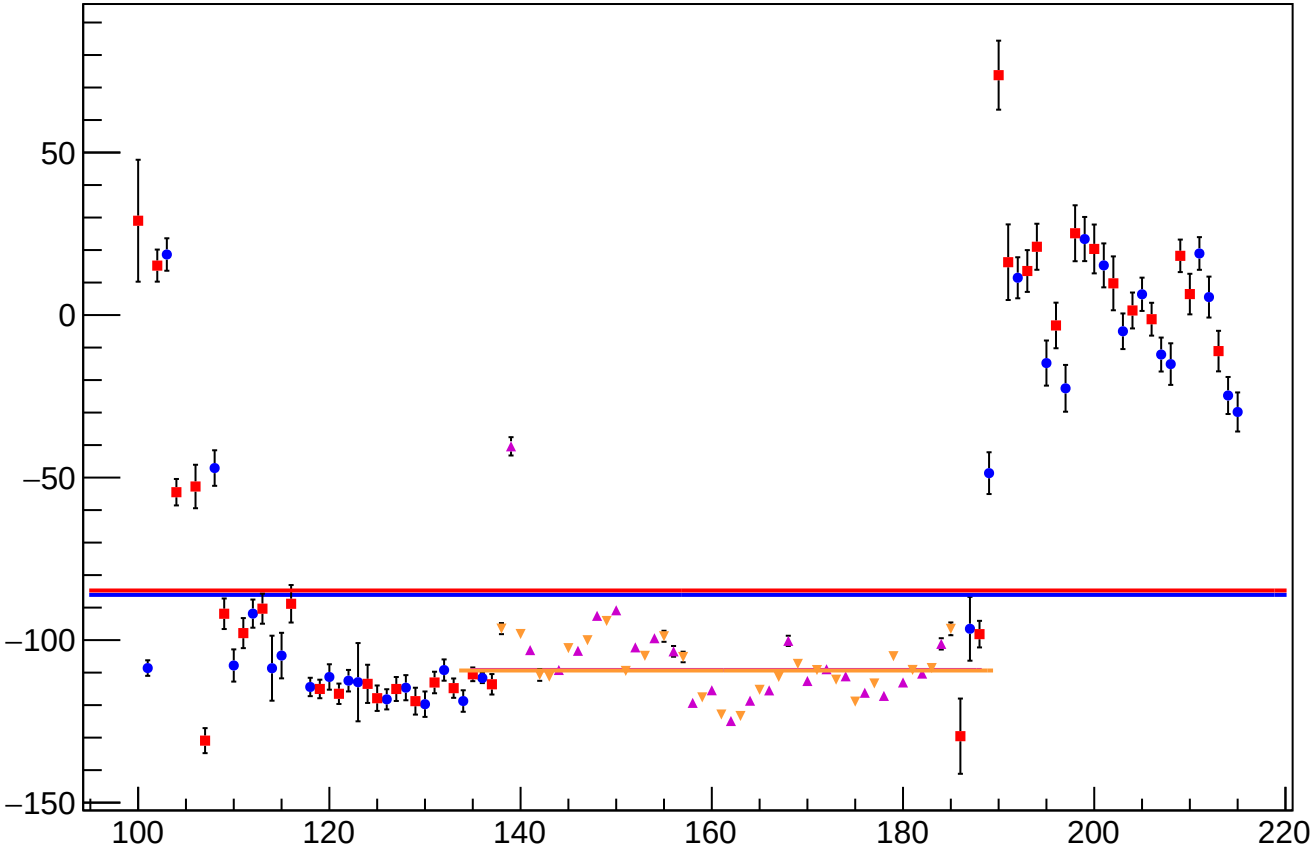
Left In: -94.796+/-0.308 χ^2/NDF:974.7/22

+ sign -93.996+/-0.280 χ^2/NDF: 2012.8/56

All: -94.592+/-0.200 χ^2/NDF: 4380.6/113

- sign -95.215+/-0.285 χ^2/NDF: 2358.4/56

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: -84.735+/-0.767 χ^2/NDF: 4233.7/33

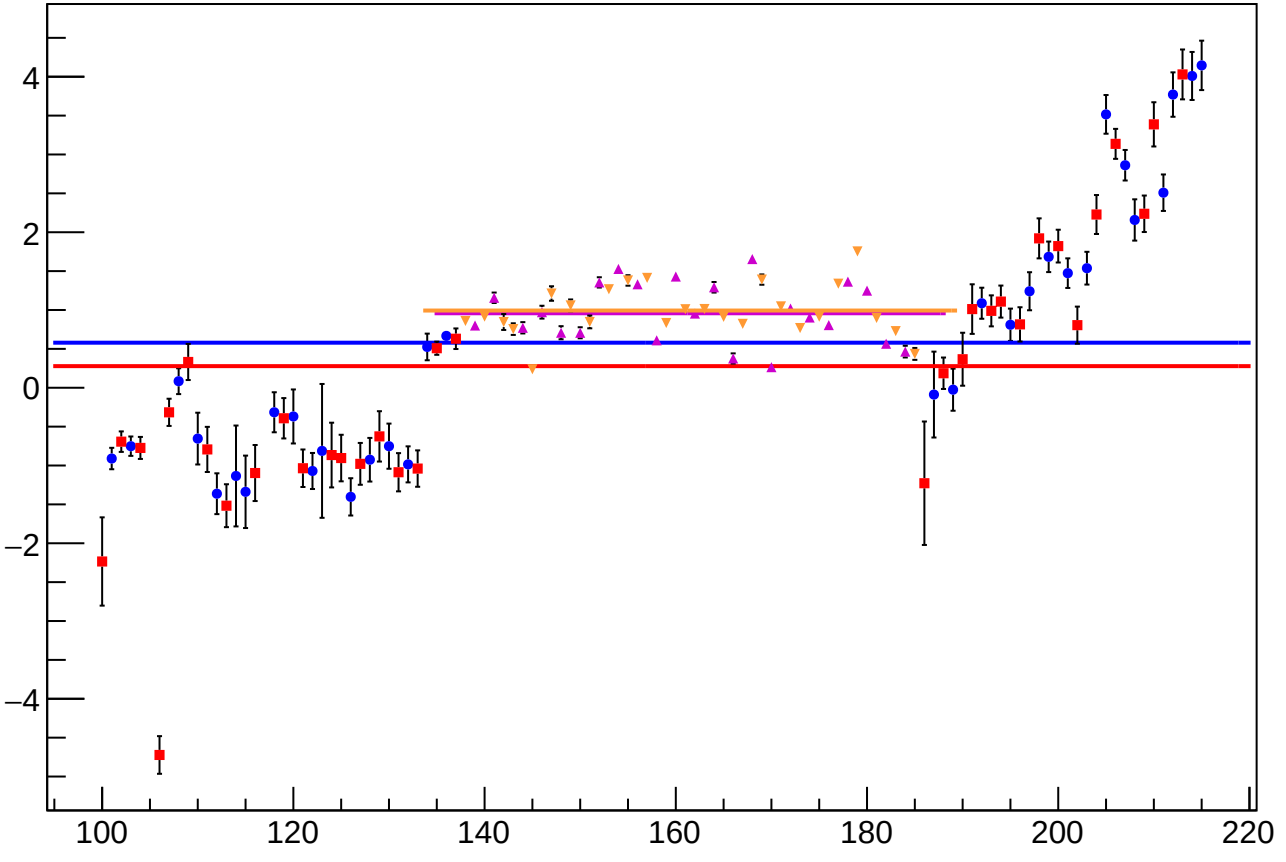
Left In: -109.184+/-0.280 χ^2/NDF:1501.1/22

+ sign -106.508+/-0.254 χ^2/NDF: 5863.9/56

All: -106.412+/-0.183 χ^2/NDF: 12496.2/113

- sign -106.309+/-0.263 χ^2/NDF: 6632.0/56

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: 0.278+/-0.036 χ^2/NDF: 1553.4/33

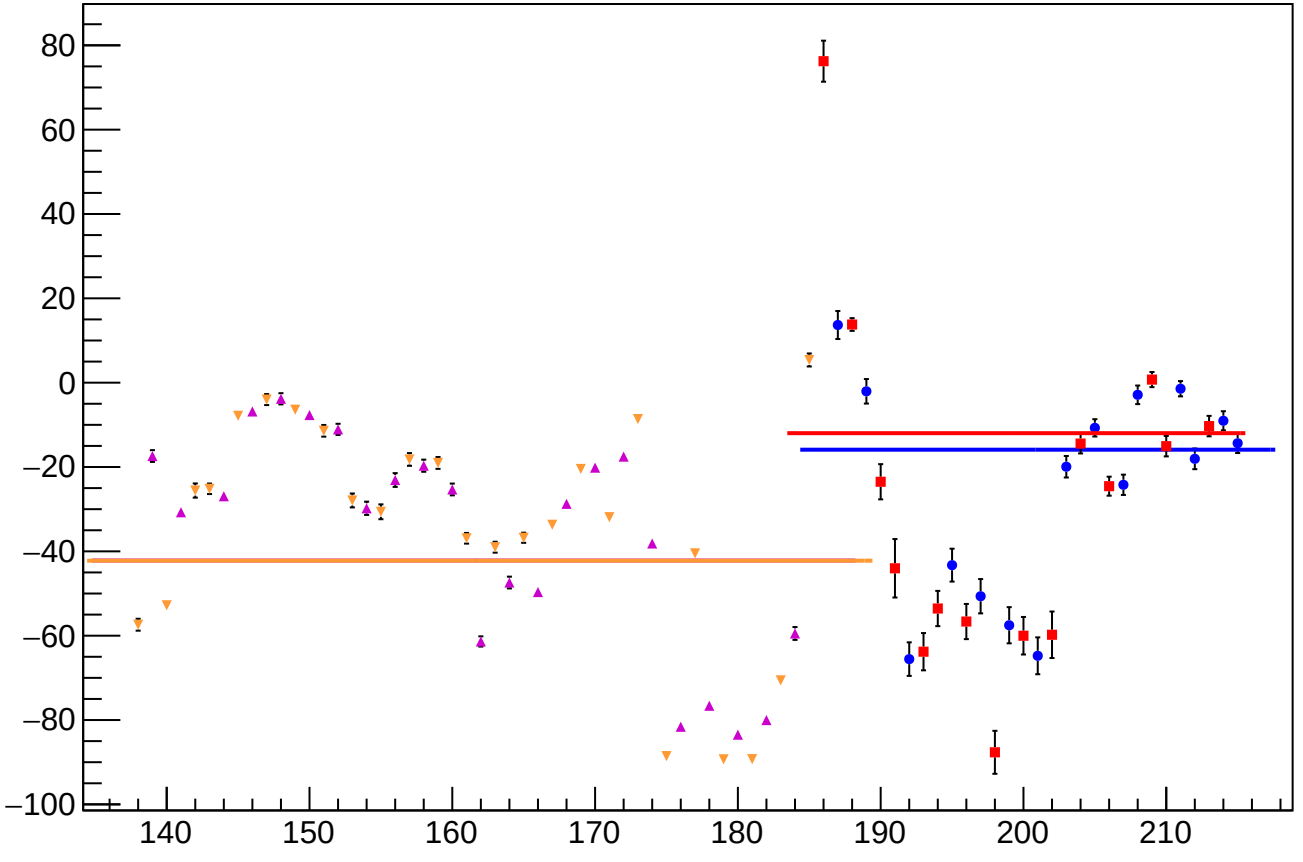
Left In: 0.958+/-0.013 χ^2/NDF:894.5/22

+ sign 0.946+/-0.012 χ^2/NDF: 2181.9/56

All: 0.916+/-0.008 χ^2/NDF: 4960.0/113

- sign 0.883+/-0.012 χ^2/NDF: 2764.0/56

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: -11.975+/-0.730 χ^2/NDF: 1497.2/14

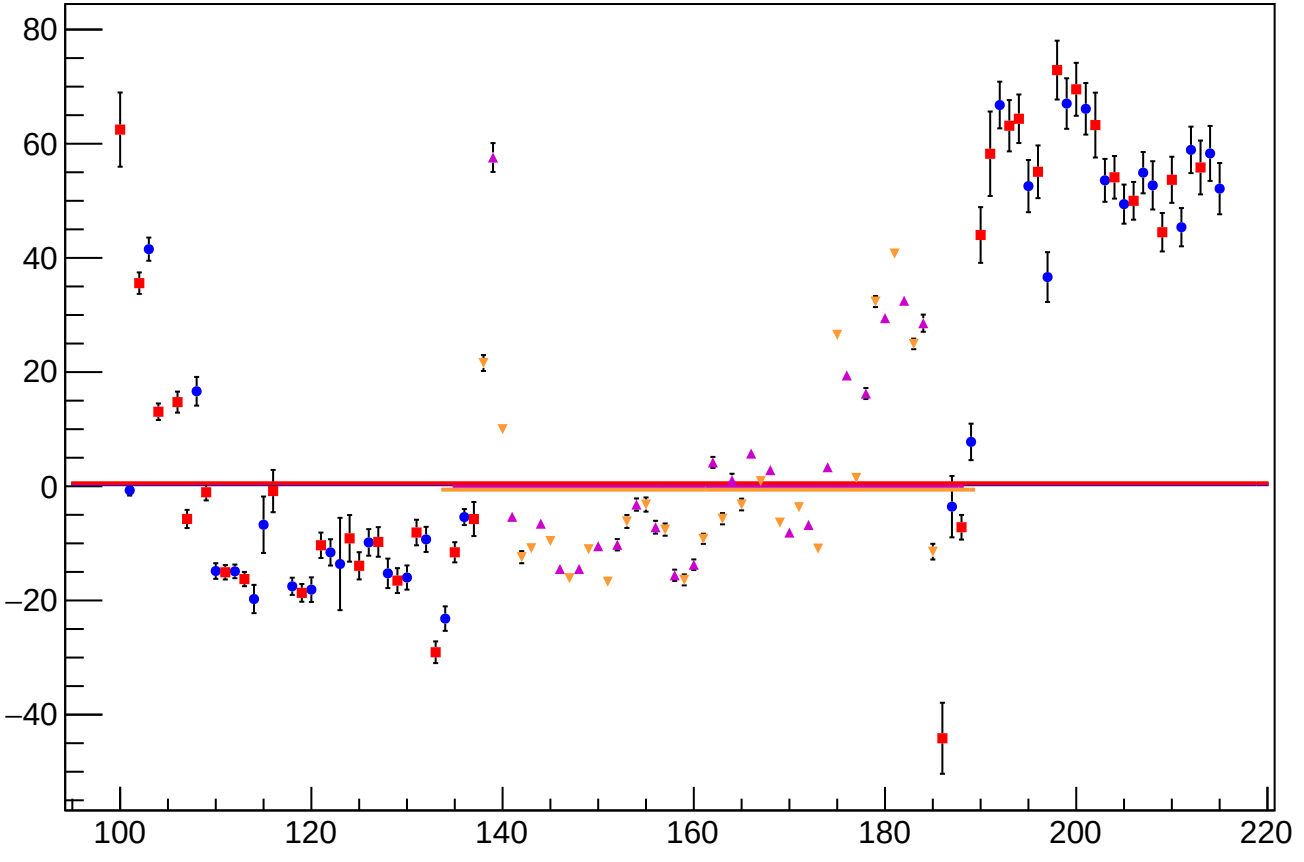
Left In: -42.176+/-0.227 χ^2/NDF:14575.9/22

+ sign -39.717+/-0.211 χ^2/NDF: 20370.9/39

All: -39.616+/-0.151 χ^2/NDF: 38006.1/77

- sign -39.510+/-0.217 χ^2/NDF: 17634.7/37

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: 0.527+/-0.397 χ^2/NDF: 3743.4/33

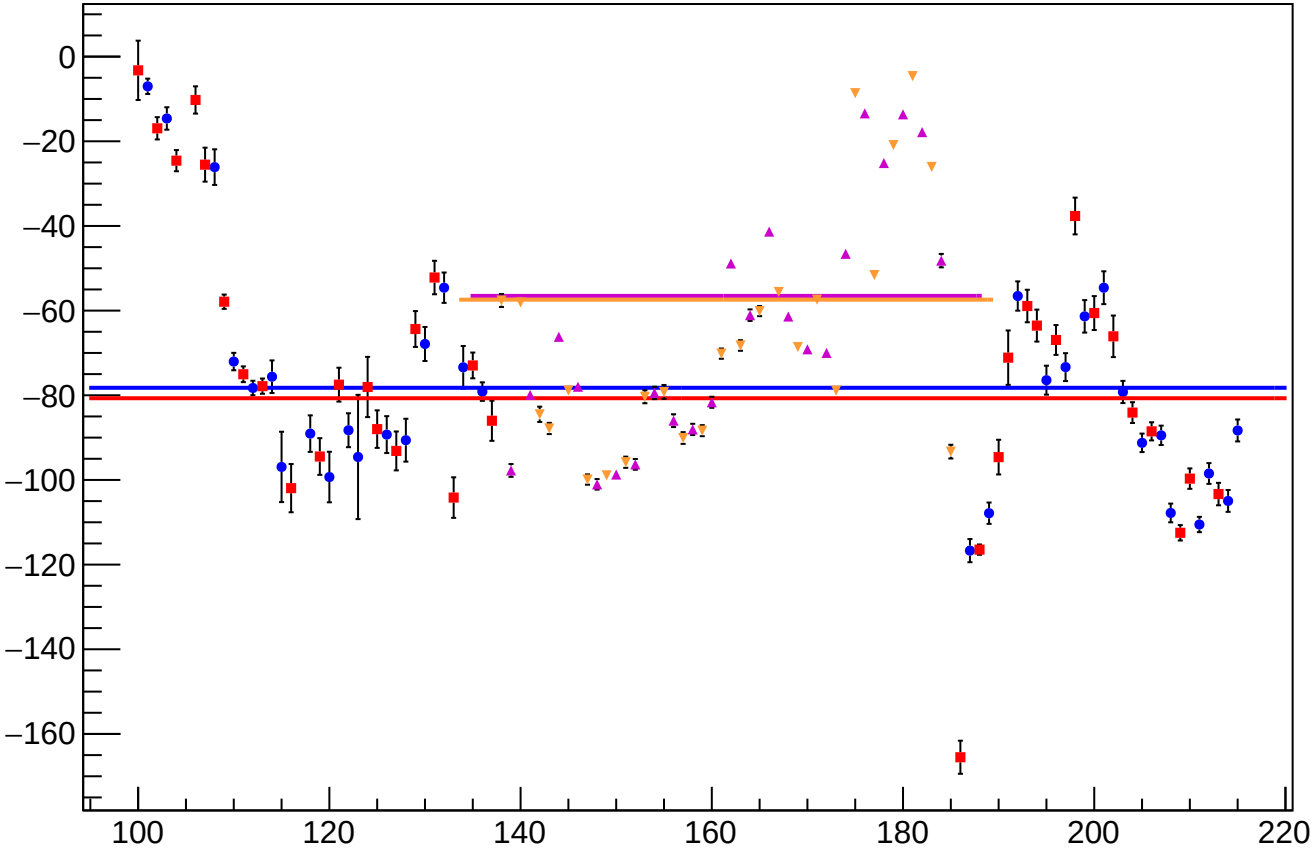
Left In: -0.142+/-0.179 χ^2/NDF:6862.5/22

+ sign -0.437+/-0.160 χ^2/NDF: 12440.3/56

All: -0.237+/-0.114 χ^2/NDF: 23051.7/113

- sign -0.028+/-0.163 χ^2/NDF: 10608.2/56

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: -80.697+/-0.487 χ^2/NDF: 4209.1/33

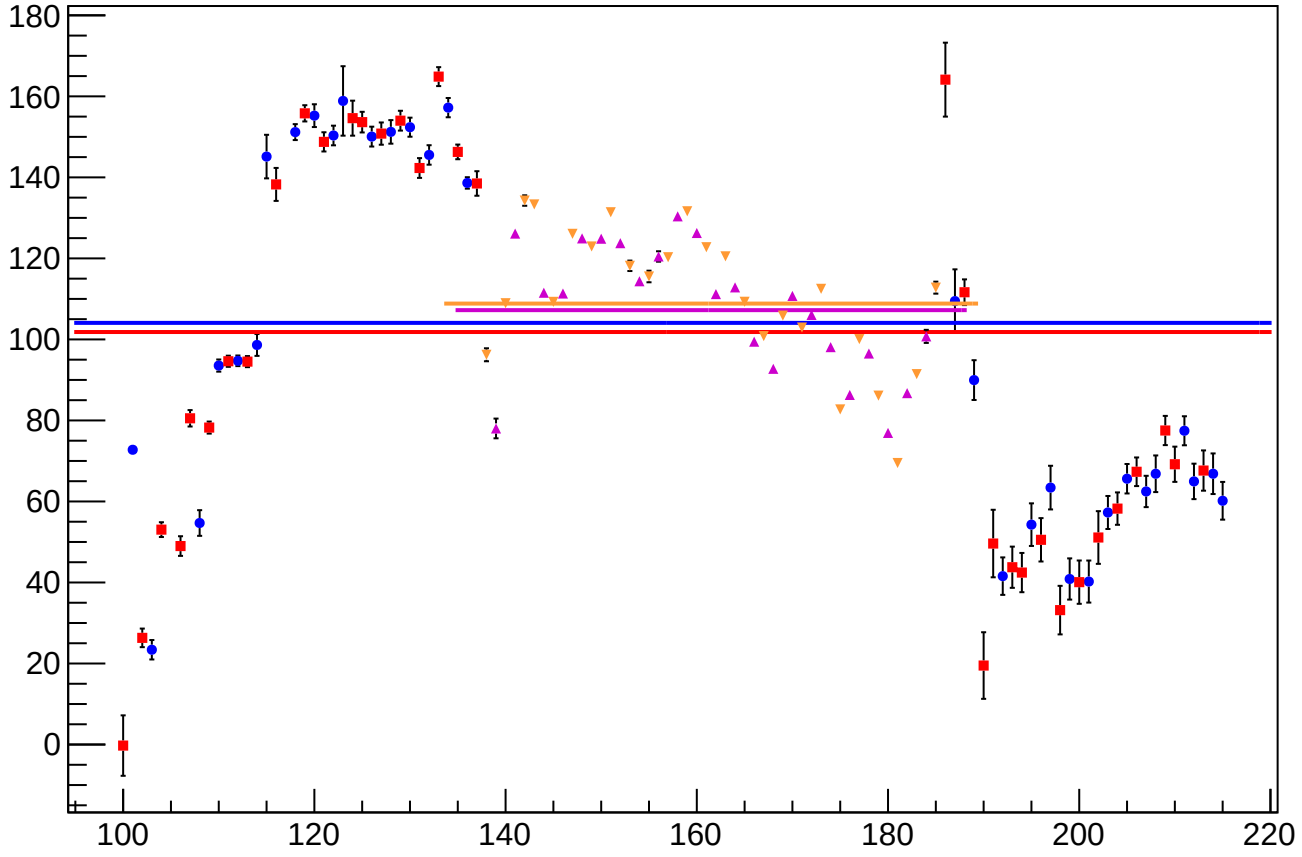
Left In: -56.519+/-0.227 χ^2/NDF:16352.6/22

+ sign -60.872+/-0.204 χ^2/NDF: 23603.5/56

All: -60.852+/-0.145 χ^2/NDF: 46187.7/113

- sign -60.831+/-0.206 χ^2/NDF: 22584.1/56

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: 101.826+/-0.454 χ^2/NDF: 8420.9/33

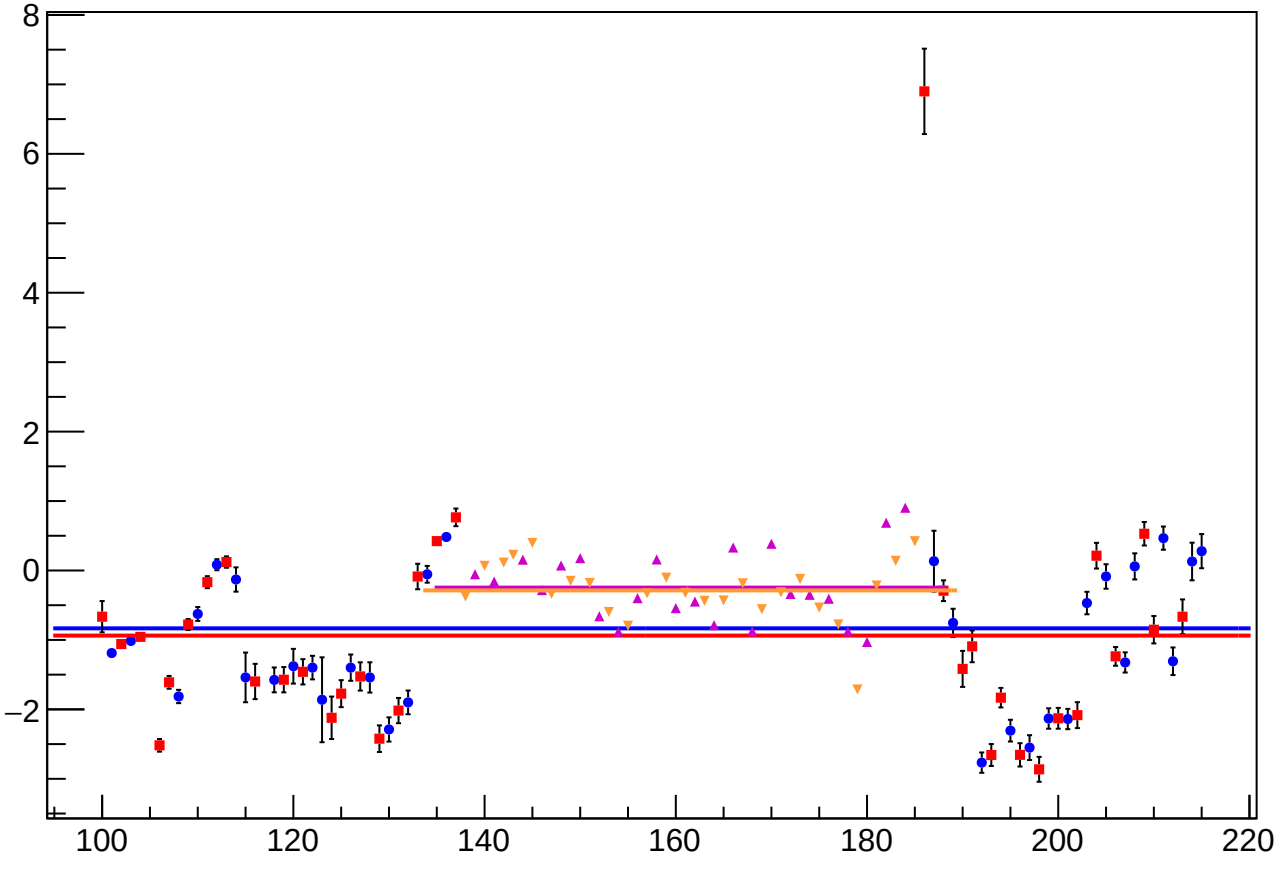
Left In: 107.225+/-0.202 χ^2/NDF:5565.3/22

+ sign 108.085+/-0.181 χ^2/NDF: 14915.2/56

All: 107.227+/-0.129 χ^2/NDF: 29065.3/113

- sign 106.330+/-0.185 χ^2/NDF: 14104.1/56

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: -0.937+/-0.022 χ^2/NDF: 2112.1/33

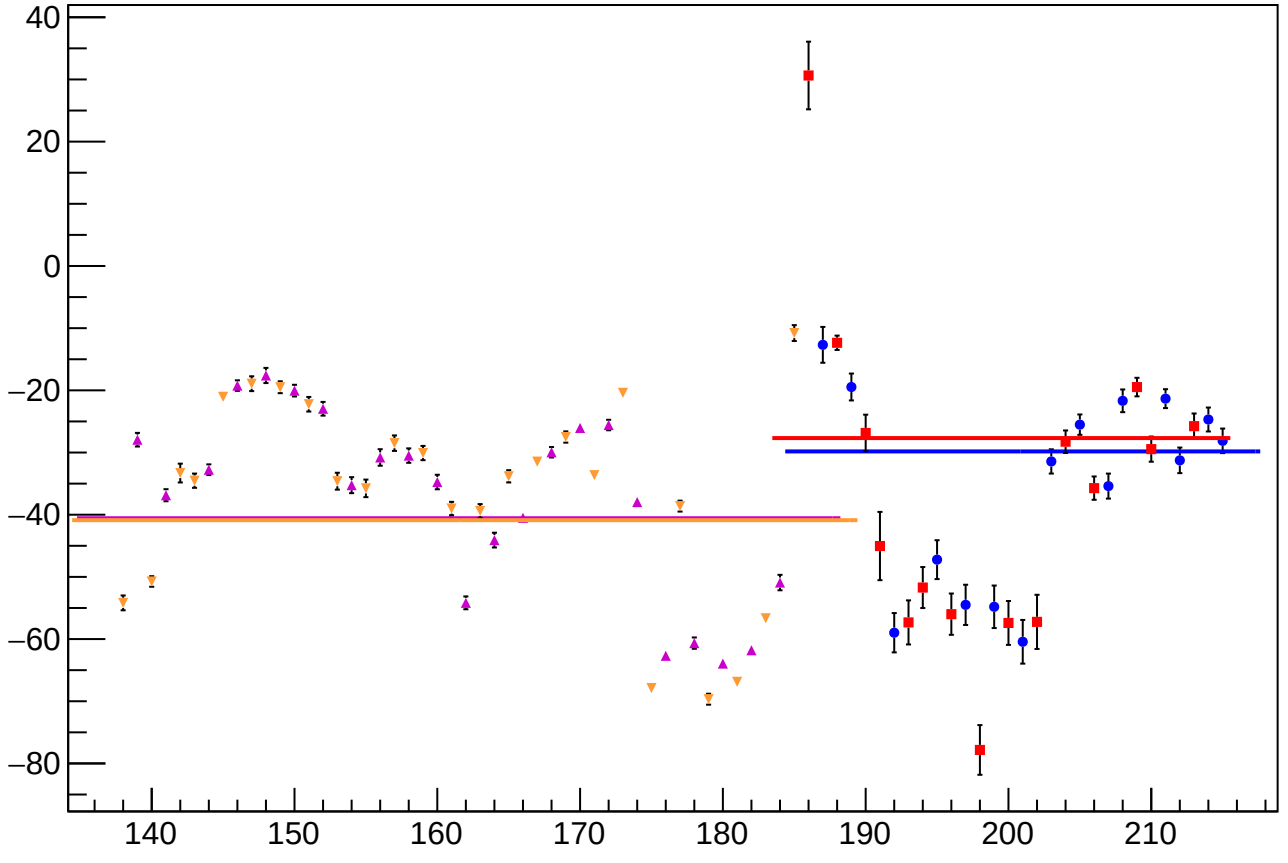
Left In: -0.247+/-0.009 χ^2/NDF:2792.8/22

+ sign -0.363+/-0.008 χ^2/NDF: 4252.6/56

All: -0.359+/-0.006 χ^2/NDF: 10025.6/113

- sign -0.354+/-0.009 χ^2/NDF: 5772.4/56

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: -27.676+/-0.586 χ^2/NDF: 821.6/14

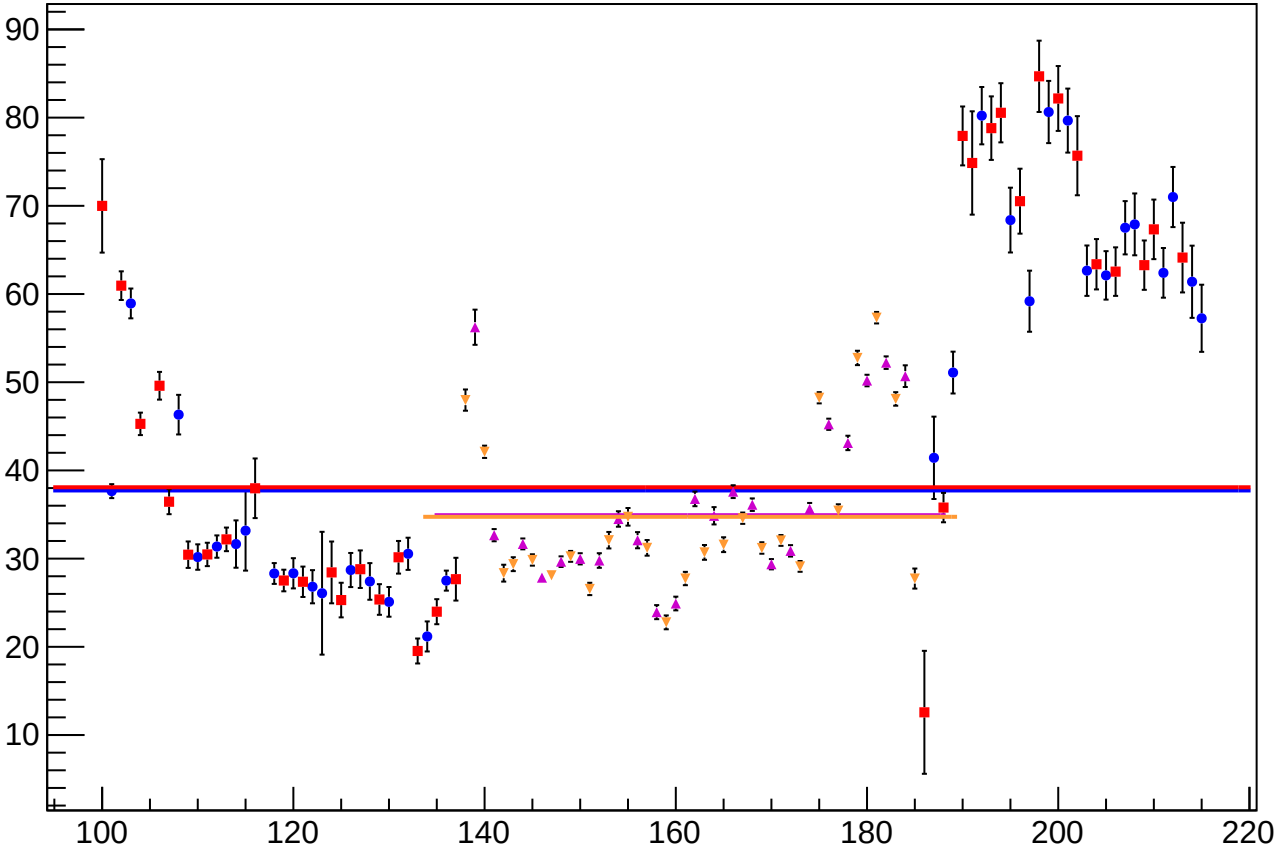
Left In: -40.567+/-0.190 χ^2/NDF:6954.7/22

+ sign -39.783+/-0.177 χ^2/NDF: 9909.6/39

All: -39.567+/-0.126 χ^2/NDF: 18127.4/77

- sign -39.341+/-0.181 χ^2/NDF: 8214.7/37

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: 38.089+/-0.345 χ^2/NDF: 2209.5/33

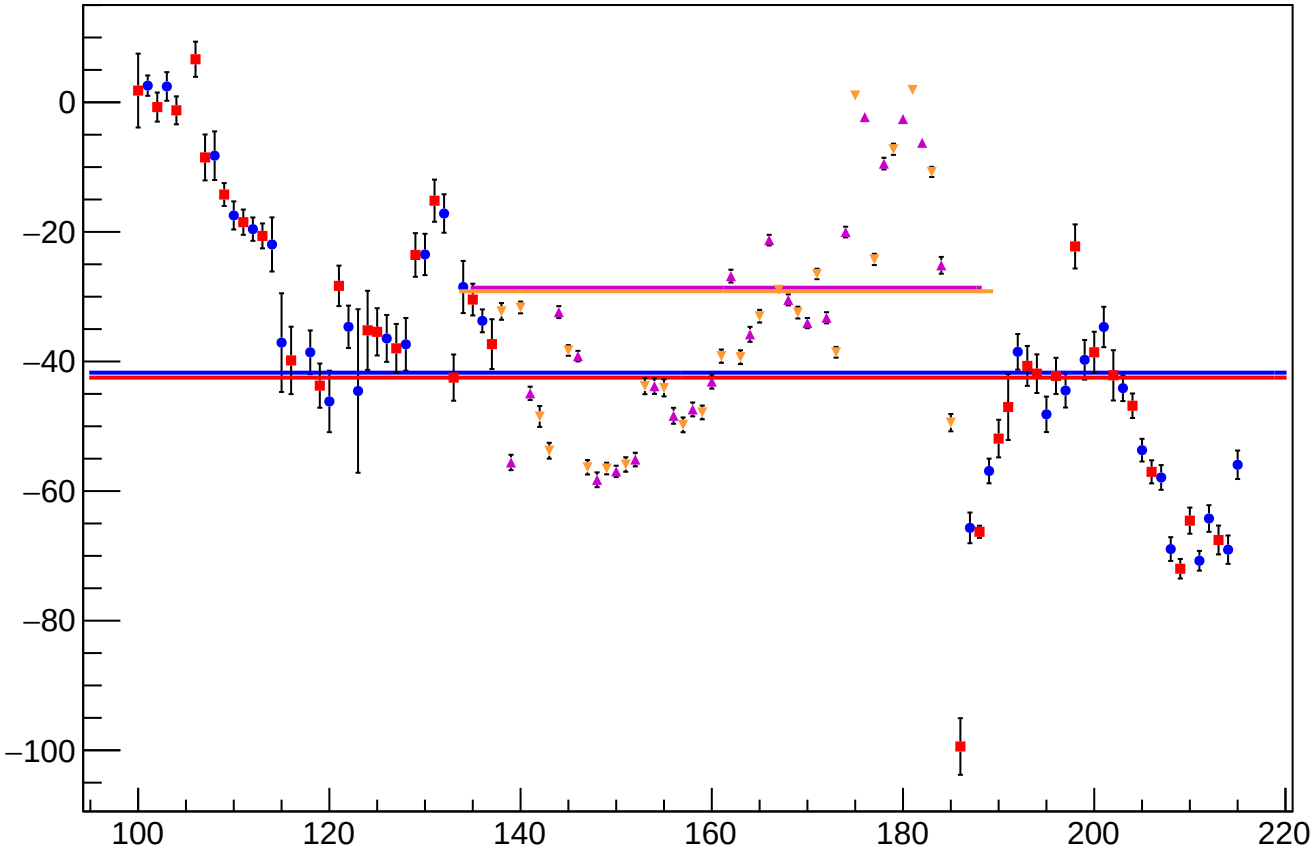
Left In: 34.922+/-0.152 χ^2/NDF:2672.9/22

+ sign 35.206+/-0.135 χ^2/NDF: 5562.4/56

All: 35.318+/-0.097 χ^2/NDF: 10516.9/113

- sign 35.435+/-0.139 χ^2/NDF: 4953.1/56

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: -42.491+/-0.414 χ^2/NDF: 3449.5/33

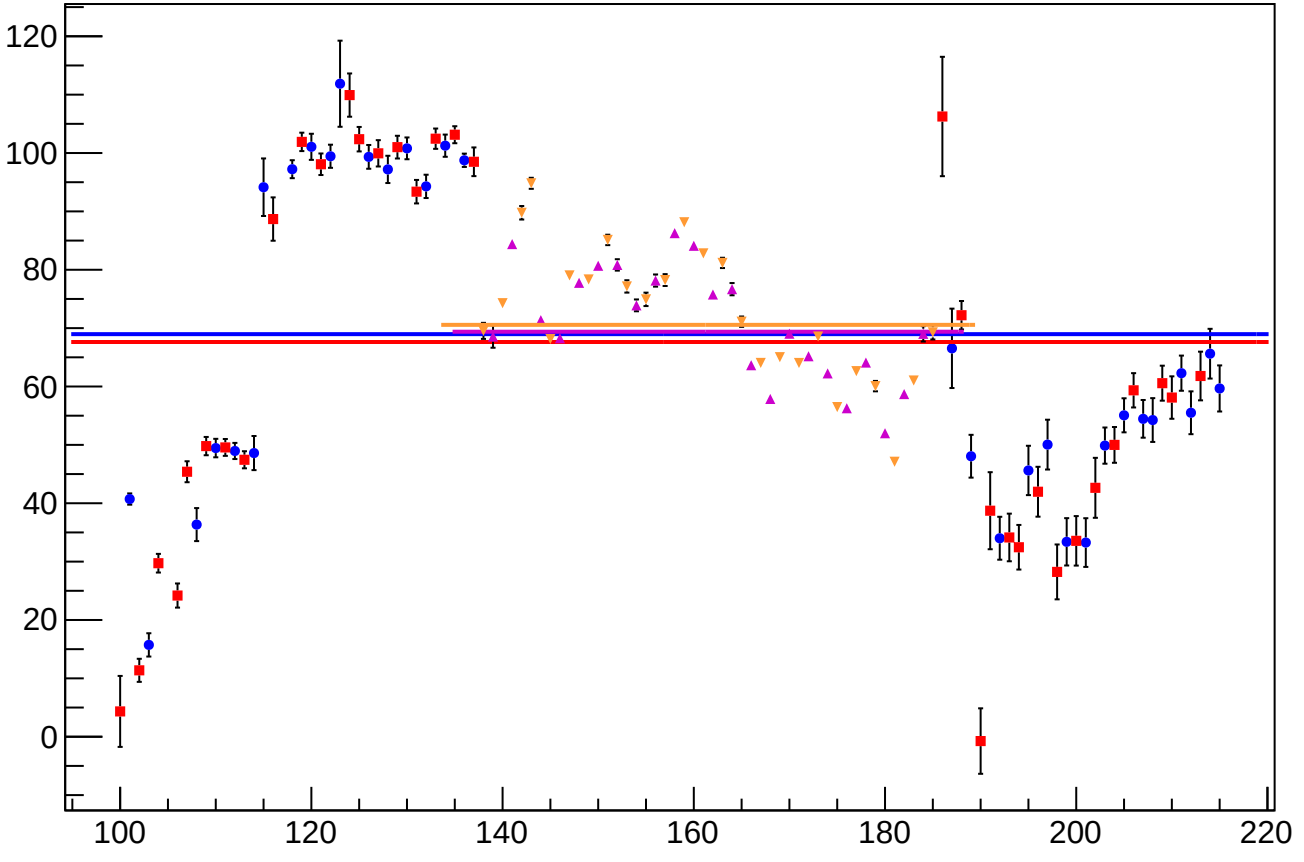
Left In: -28.616+/-0.190 χ^2/NDF:9040.9/22

+ sign -31.203+/-0.171 χ^2/NDF: 13770.8/56

All: -31.116+/-0.122 χ^2/NDF: 27190.6/113

- sign -31.028+/-0.173 χ^2/NDF: 13419.3/56

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: 67.625+/-0.397 χ^2/NDF: 6135.2/33

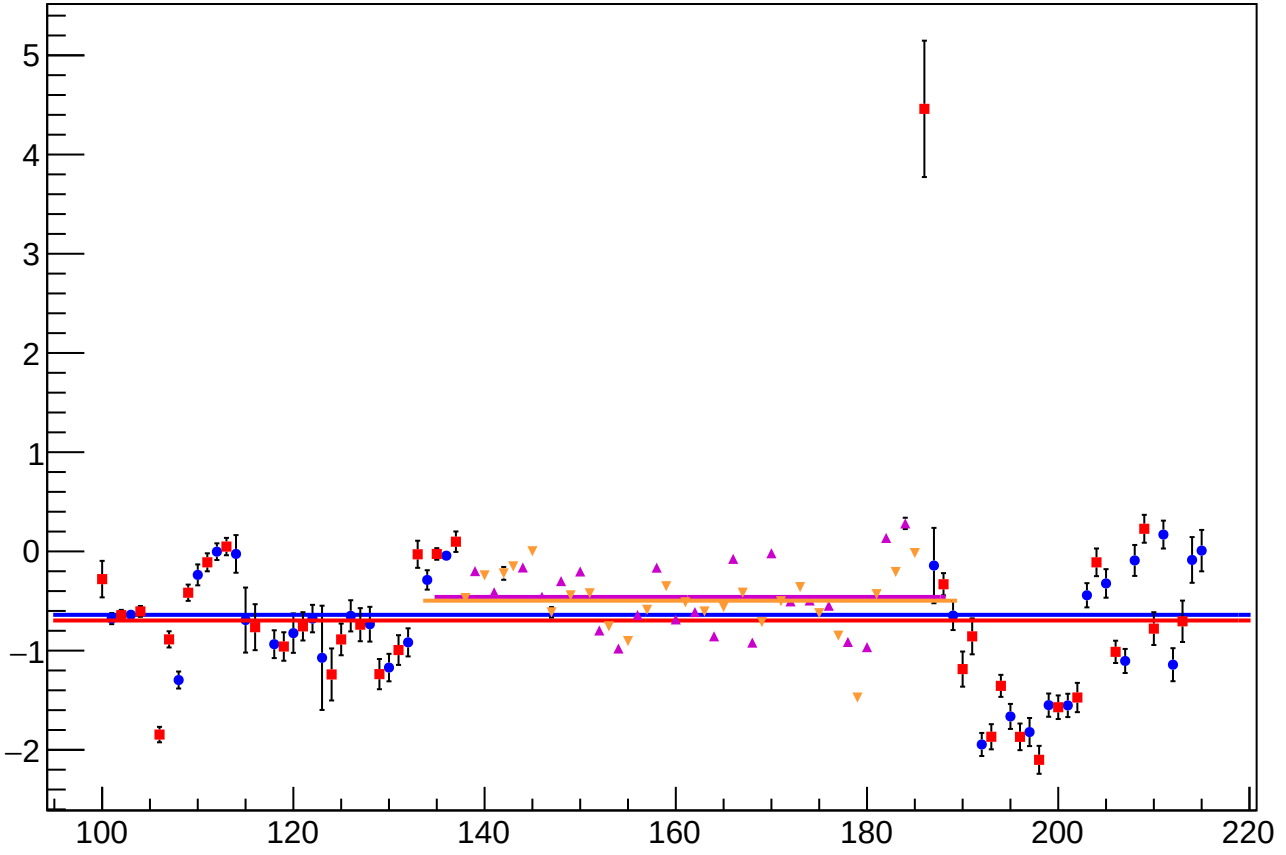
Left In: 69.387+/-0.170 χ^2/NDF:3321.8/22

+ sign 70.319+/-0.153 χ^2/NDF: 9788.5/56

All: 69.730+/-0.109 χ^2/NDF: 19292.5/113

- sign 69.114+/-0.156 χ^2/NDF: 9473.7/56

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: -0.696+/-0.018 χ^2/NDF: 1121.9/33

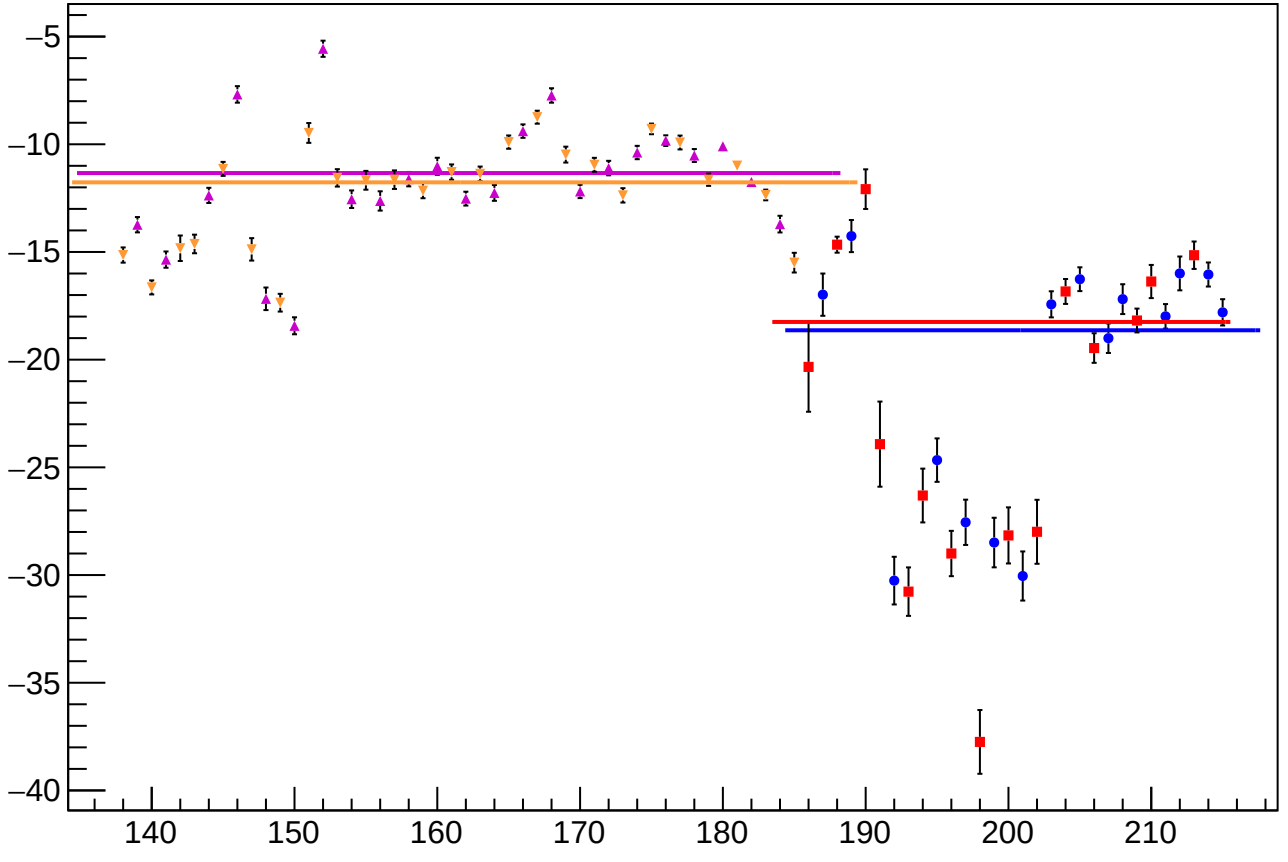
Left In: -0.459+/-0.008 χ^2/NDF:1958.4/22

+ sign -0.516+/-0.007 χ^2/NDF: 2315.4/56

All: -0.505+/-0.005 χ^2/NDF: 5541.1/113

- sign -0.494+/-0.007 χ^2/NDF: 3220.9/56

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: -18.249+/-0.199 χ^2/NDF: 730.2/14

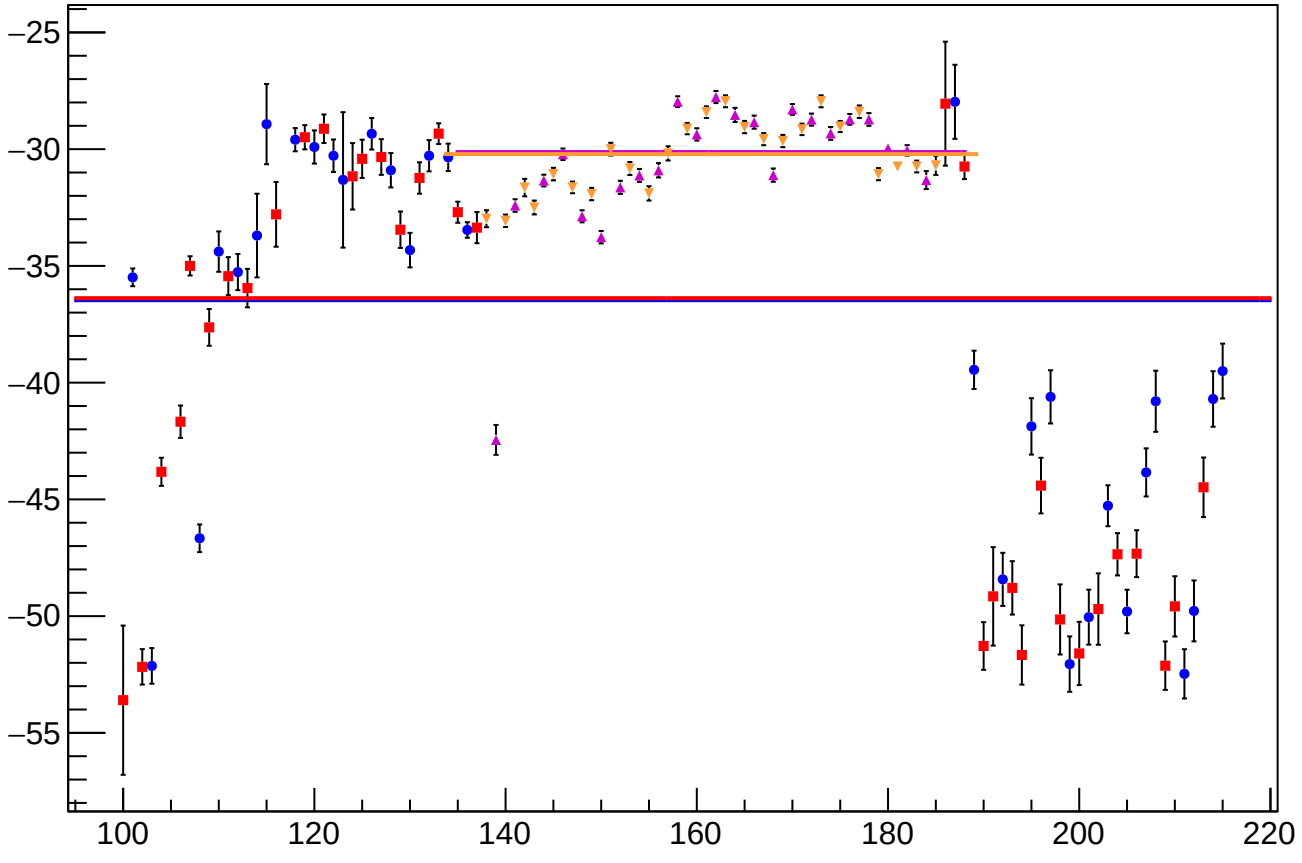
Left In: -11.336+/-0.068 χ^2/NDF:1269.3/22

+ sign -12.524+/-0.063 χ^2/NDF: 2682.9/39

All: -12.297+/-0.045 χ^2/NDF: 5789.6/77

- sign -12.059+/-0.064 χ^2/NDF: 3079.9/37

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: -36.382+/-0.133 χ^2/NDF: 3156.7/33

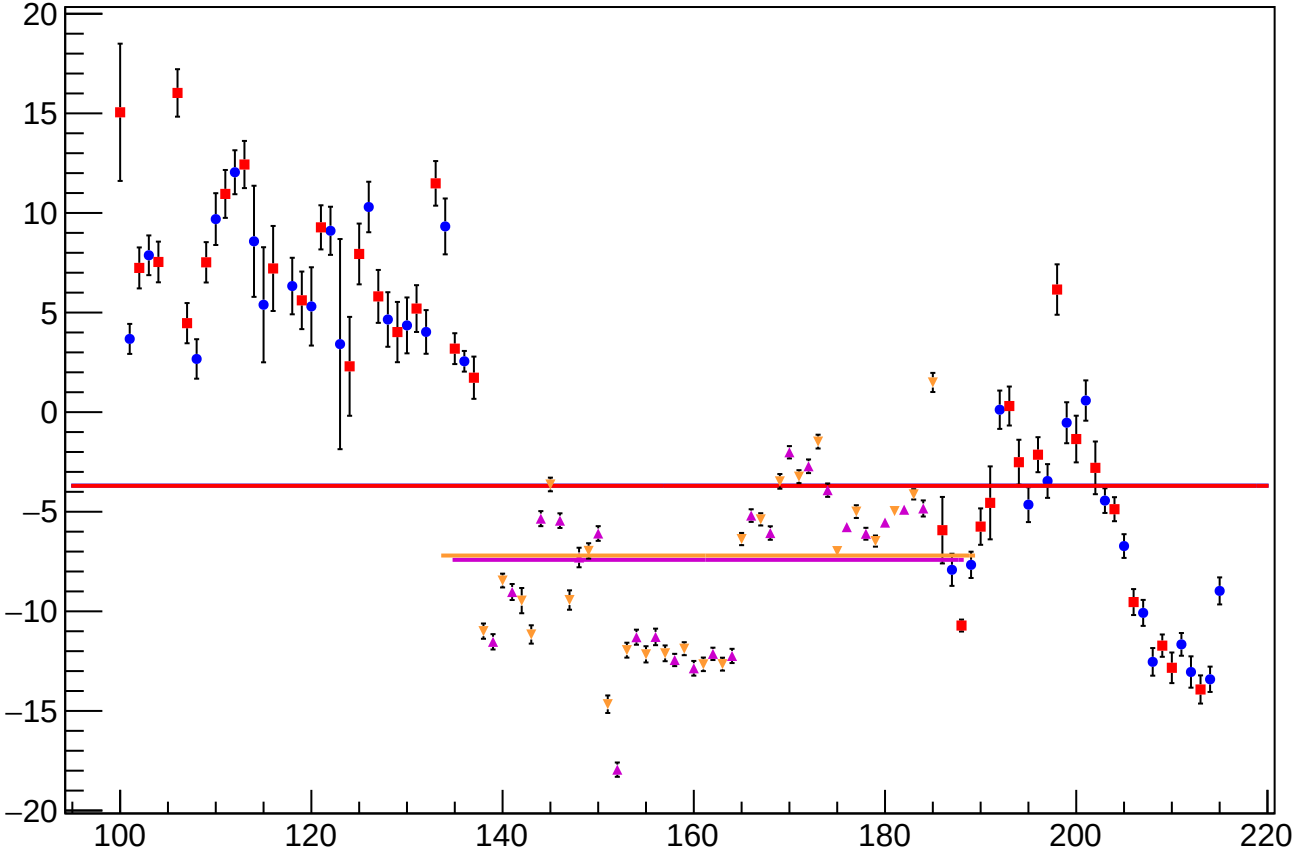
Left In: -30.124+/-0.056 χ^2/NDF:1226.2/22

+ sign -31.083+/-0.050 χ^2/NDF: 5386.9/56

All: -31.067+/-0.036 χ^2/NDF: 11653.7/113

- sign -31.051+/-0.051 χ^2/NDF: 6266.6/56

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: -3.699+/-0.152 χ^2/NDF: 3030.8/33

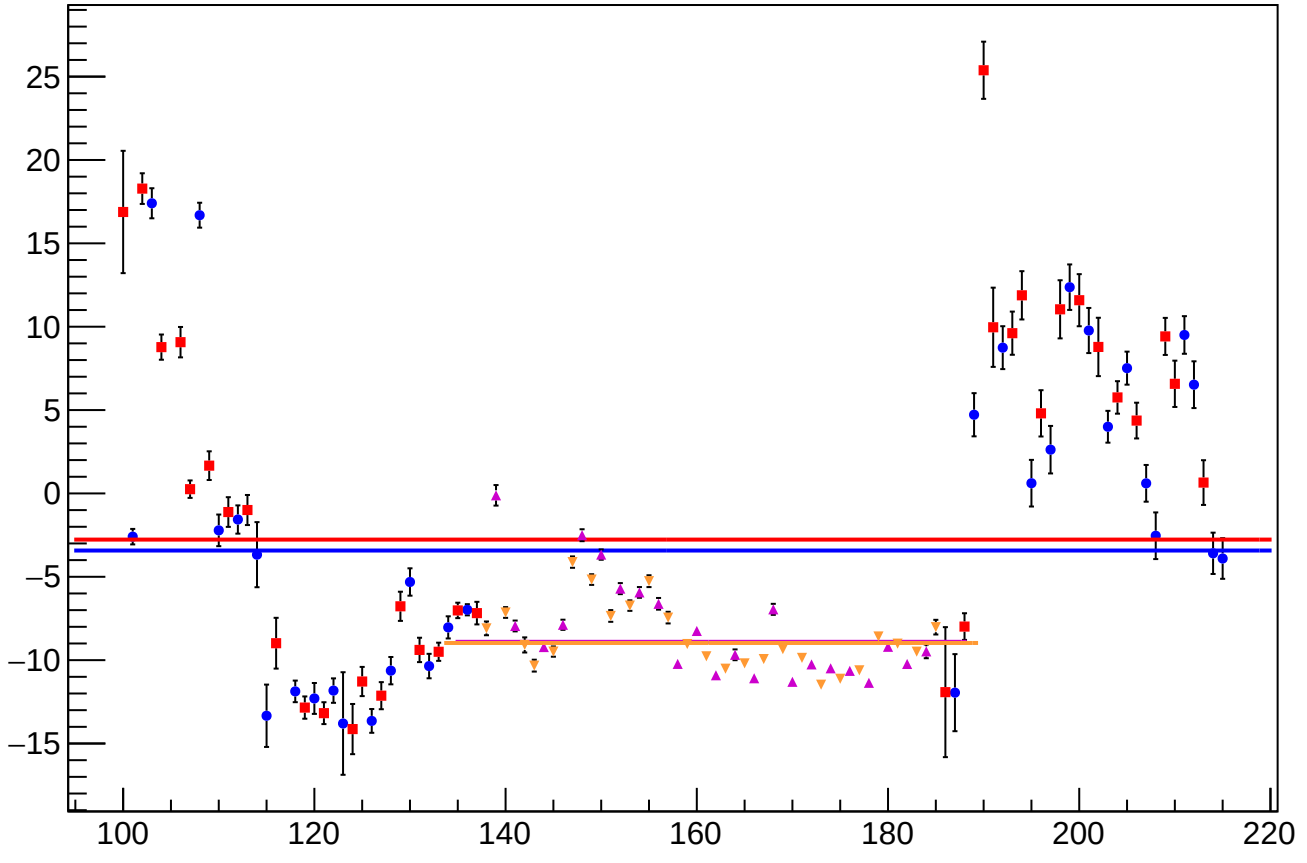
Left In: -7.415+/-0.068 χ^2/NDF:3123.3/22

+ sign -6.640+/-0.061 χ^2/NDF: 5768.2/56

All: -6.718+/-0.044 χ^2/NDF: 12423.2/113

- sign -6.798+/-0.062 χ^2/NDF: 6651.7/56

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

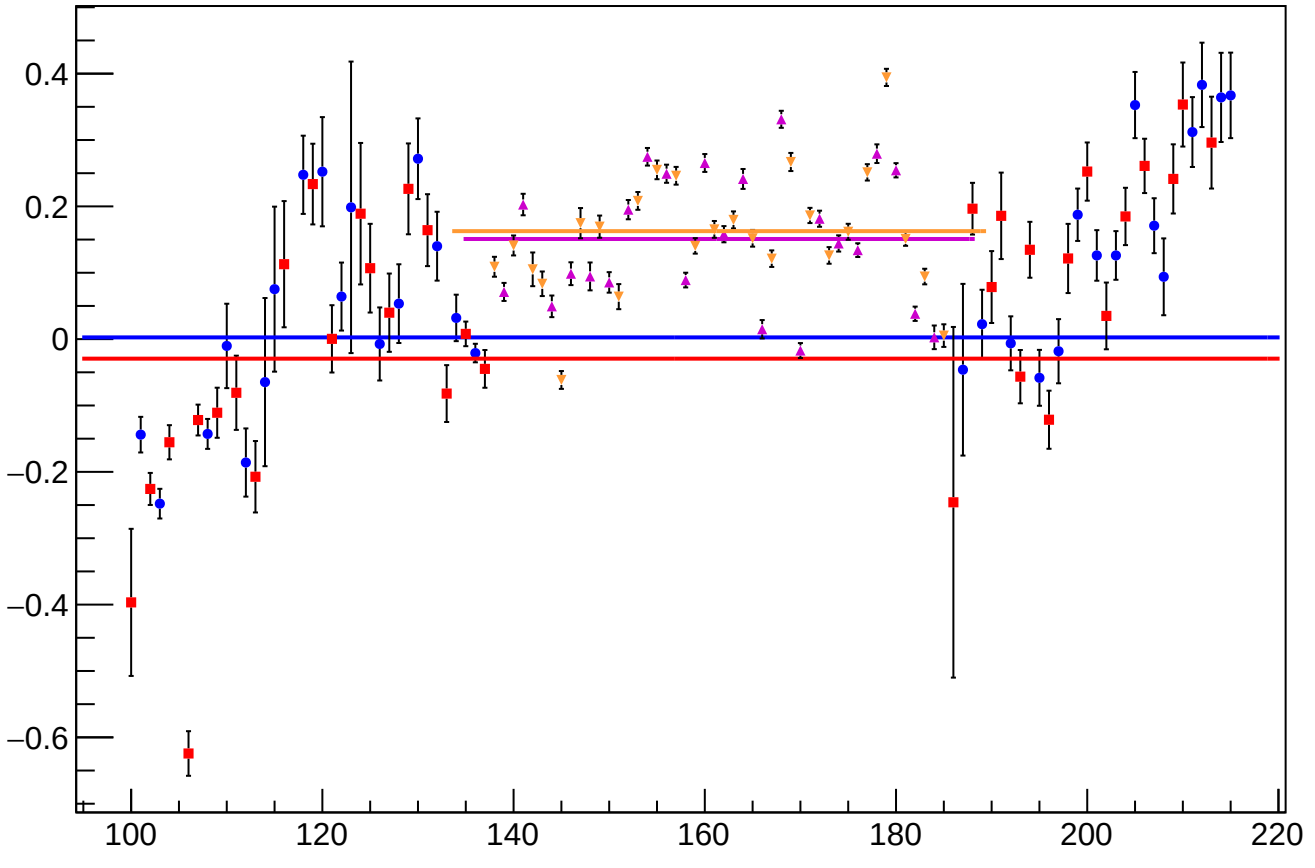
Right Out: -2.769+/-0.154 χ^2/NDF: 3237.1/33

Left In: -8.900+/-0.062 χ^2/NDF:1533.9/22

+ sign -8.212+/-0.056 χ^2/NDF: 5052.9/56

All: -8.136+/-0.040 χ^2/NDF: 11188.1/113

- sign -8.057+/-0.057 χ^2/NDF: 6131.4/56



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: -0.029+/-0.007 χ^2/NDF: 791.5/33

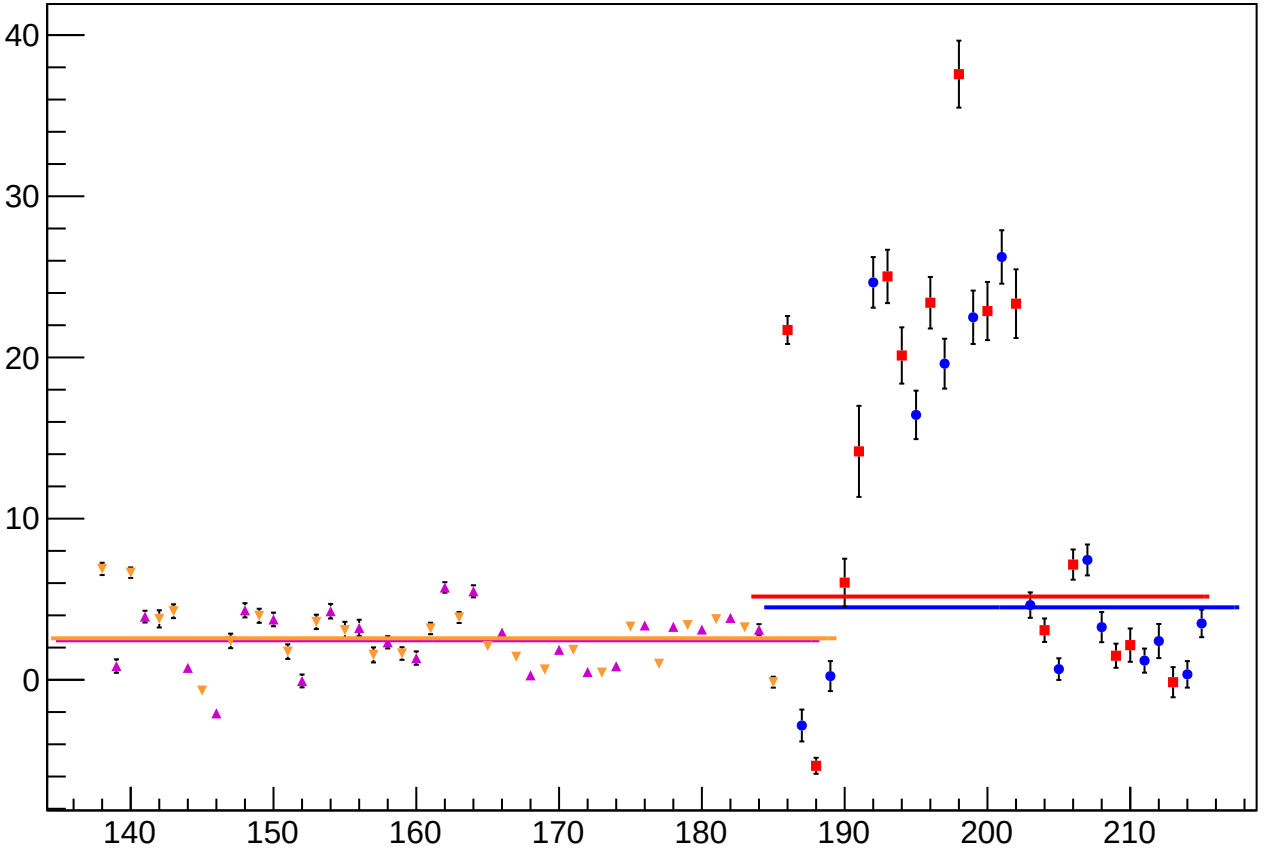
Left In: 0.151+/-0.003 χ^2/NDF:1286.5/22

+ sign 0.141+/-0.003 χ^2/NDF: 1992.7/56

All: 0.134+/-0.002 χ^2/NDF: 4656.7/113

- sign 0.127+/-0.003 χ^2/NDF: 2647.4/56

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: 5.168+/-0.261 χ^2/NDF: 1659.9/14

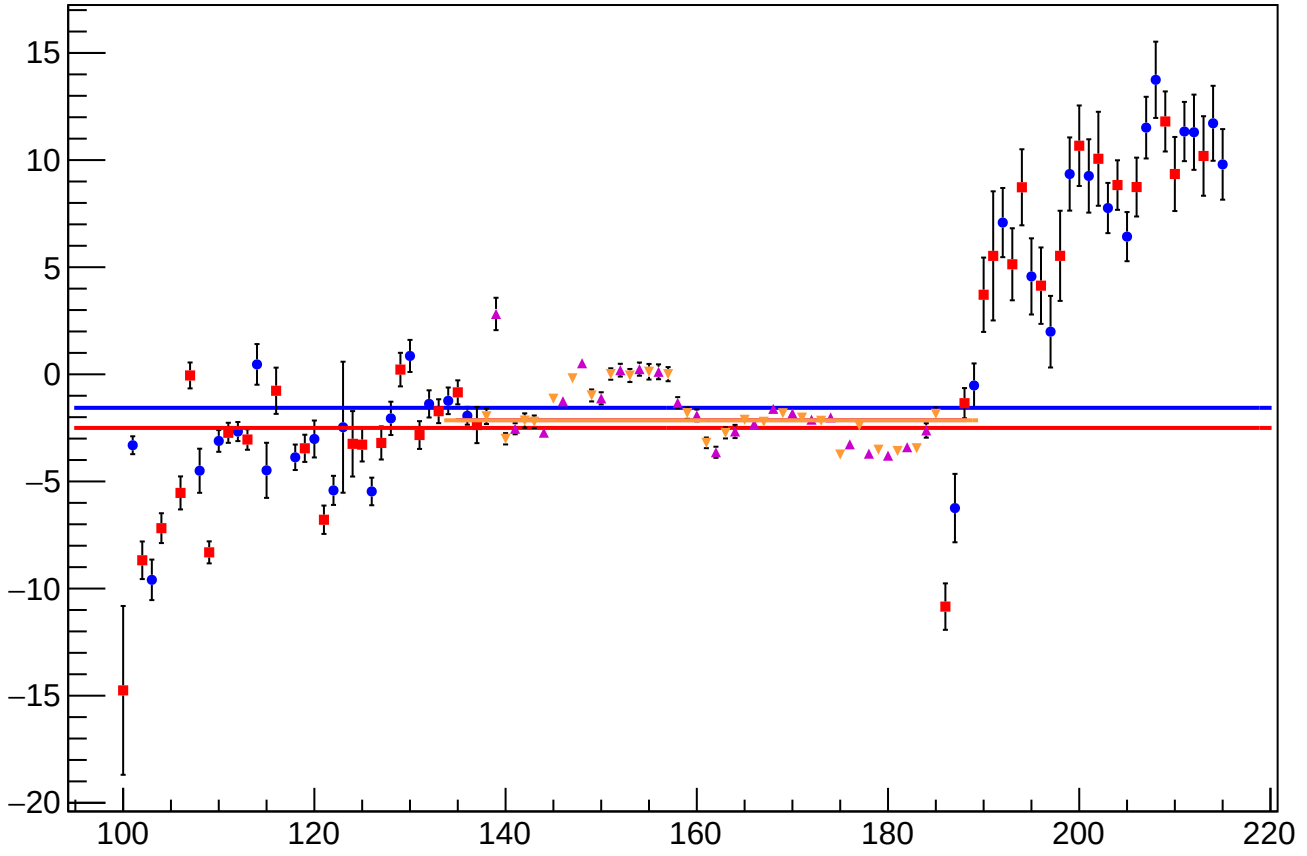
Left In: 2.452+/-0.059 χ^2/NDF:871.3/22

+ sign 2.674+/-0.057 χ^2/NDF: 1706.2/39

All: 2.631+/-0.041 χ^2/NDF: 4341.6/77

- sign 2.586+/-0.058 χ^2/NDF: 2634.2/37

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: -2.502+/-0.143 χ^2/NDF: 951.2/33

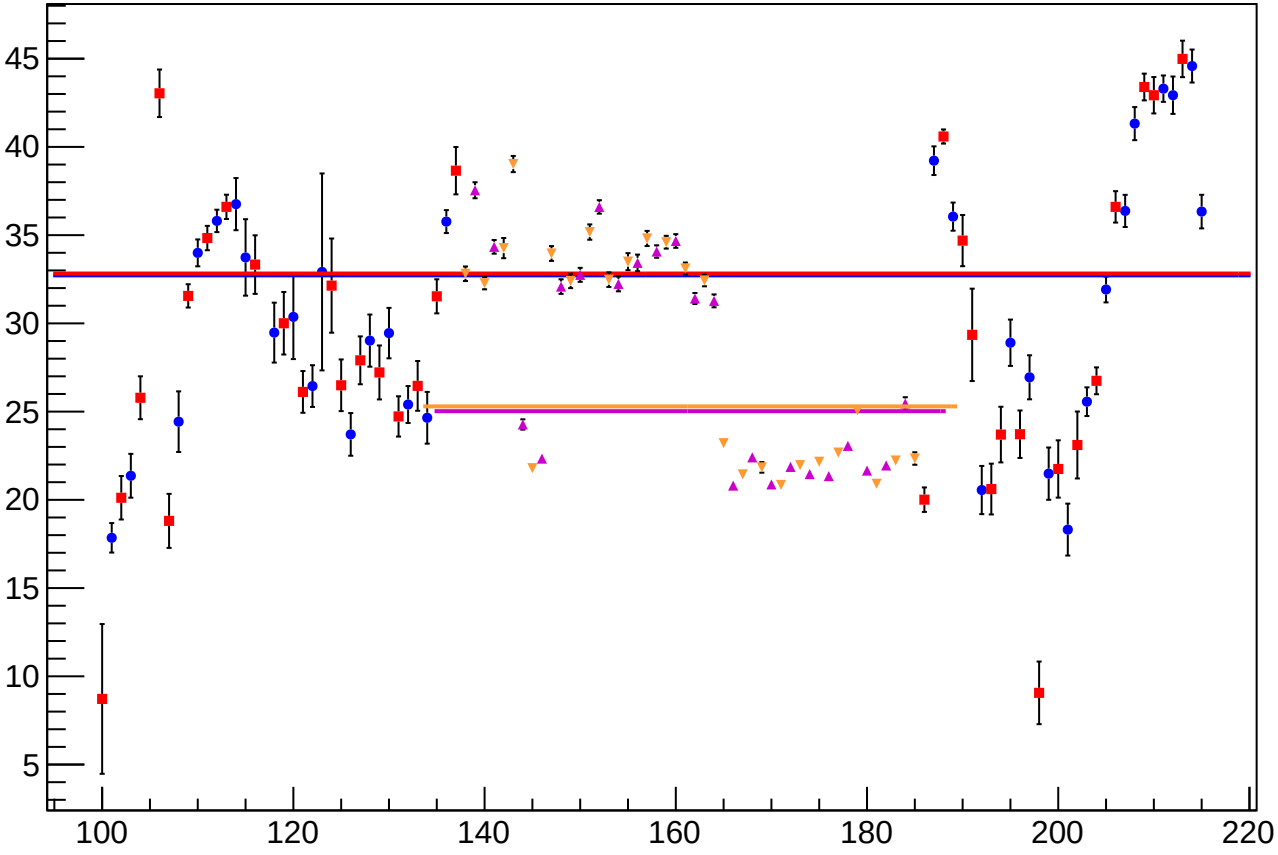
Left In: -2.136+/-0.048 χ^2/NDF:691.2/22

\+ sign -2.088+/-0.045 χ^2/NDF: 1459.8/56

All: -2.131+/-0.032 χ^2/NDF: 3109.8/113

\- sign -2.174+/-0.046 χ^2/NDF: 1648.3/56

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: 32.825+/-0.175 χ^2/NDF: 2163.4/33

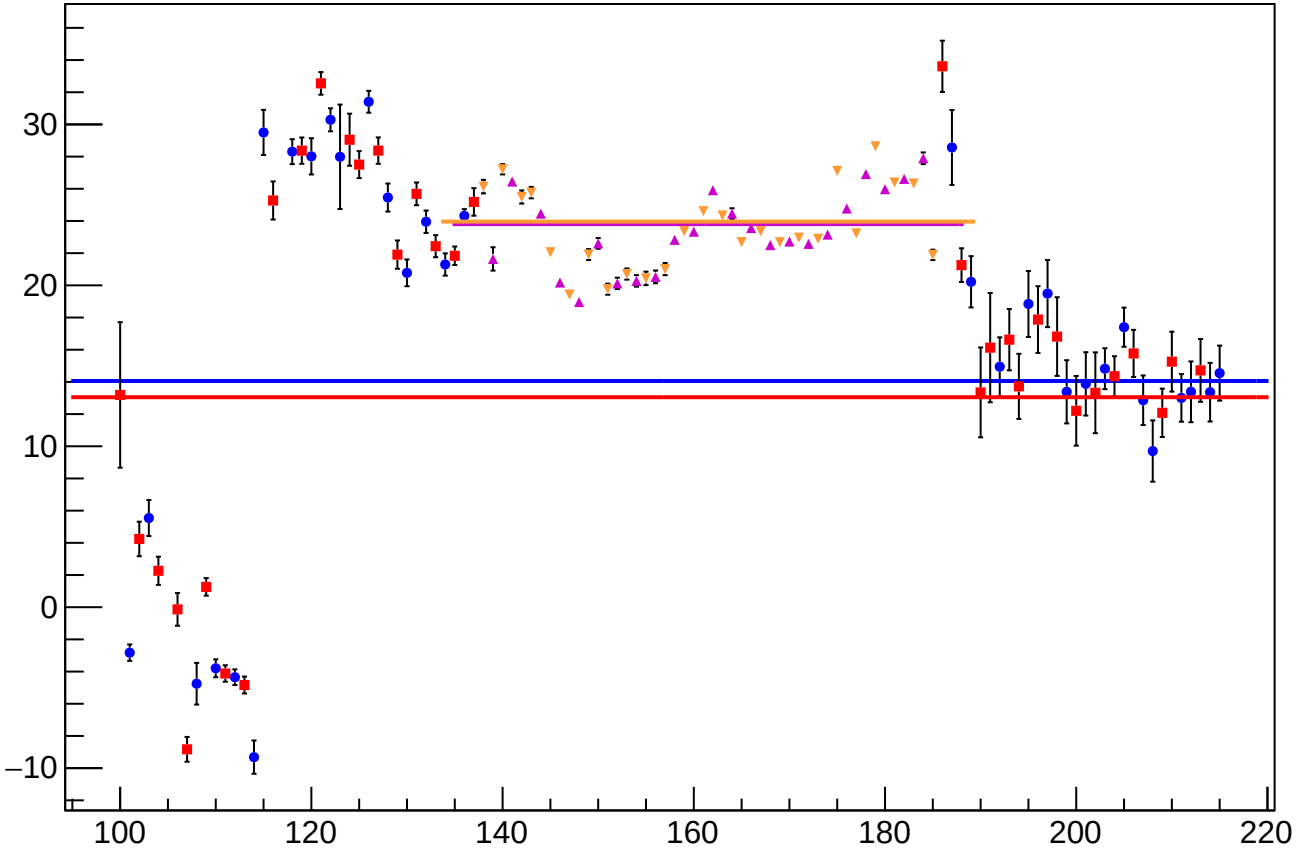
Left In: 25.025+/-0.060 χ^2/NDF:7610.5/22

+ sign 26.002+/-0.056 χ^2/NDF: 11438.3/56

All: 25.920+/-0.040 χ^2/NDF: 22999.6/113

- sign 25.837+/-0.056 χ^2/NDF: 11556.9/56

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: 13.049+/-0.162 χ^2/NDF: 7214.8/33

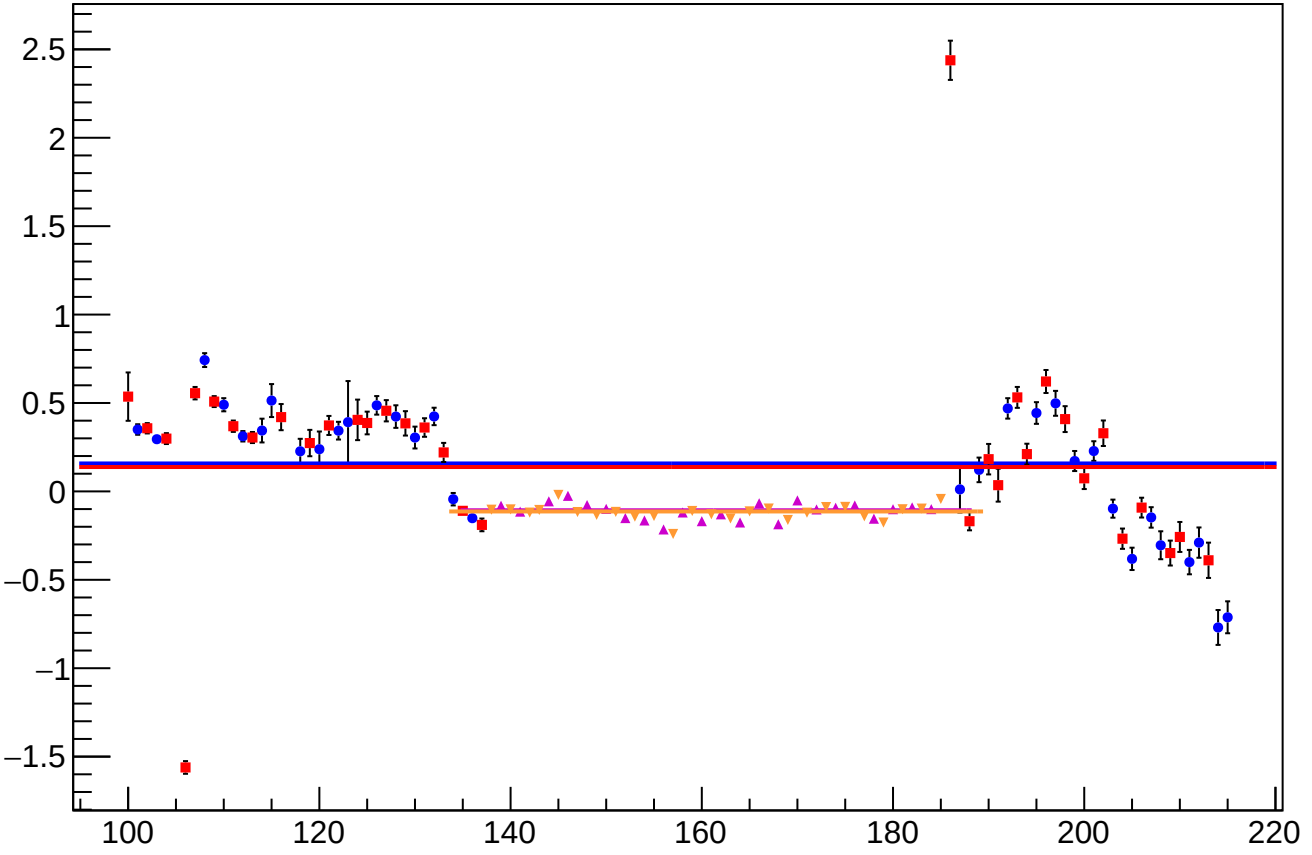
Left In: 23.805+/-0.054 χ^2/NDF:1761.3/22

\+ sign 22.987+/-0.050 χ^2/NDF: 12697.9/56

All: 22.861+/-0.036 χ^2/NDF: 25640.1/113

\- sign 22.732+/-0.051 χ^2/NDF: 12929.6/56

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: 0.138+/-0.008 χ^2/NDF: 3767.5/33

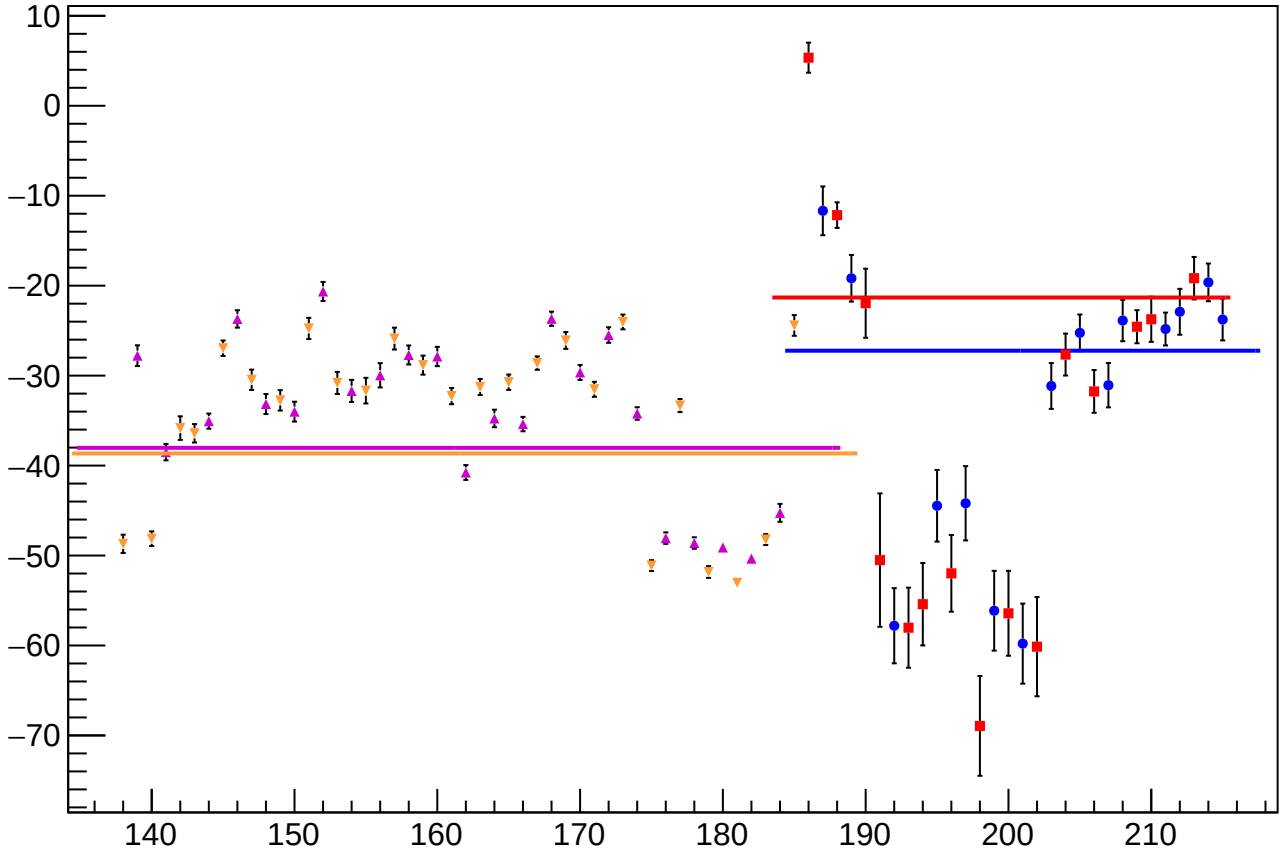
Left In: -0.107+/-0.002 χ^2/NDF:321.8/22

\+ sign -0.092+/-0.002 χ^2/NDF: 2669.4/56

All: -0.089+/-0.002 χ^2/NDF: 7583.7/113

\- sign -0.086+/-0.002 χ^2/NDF: 4911.4/56

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

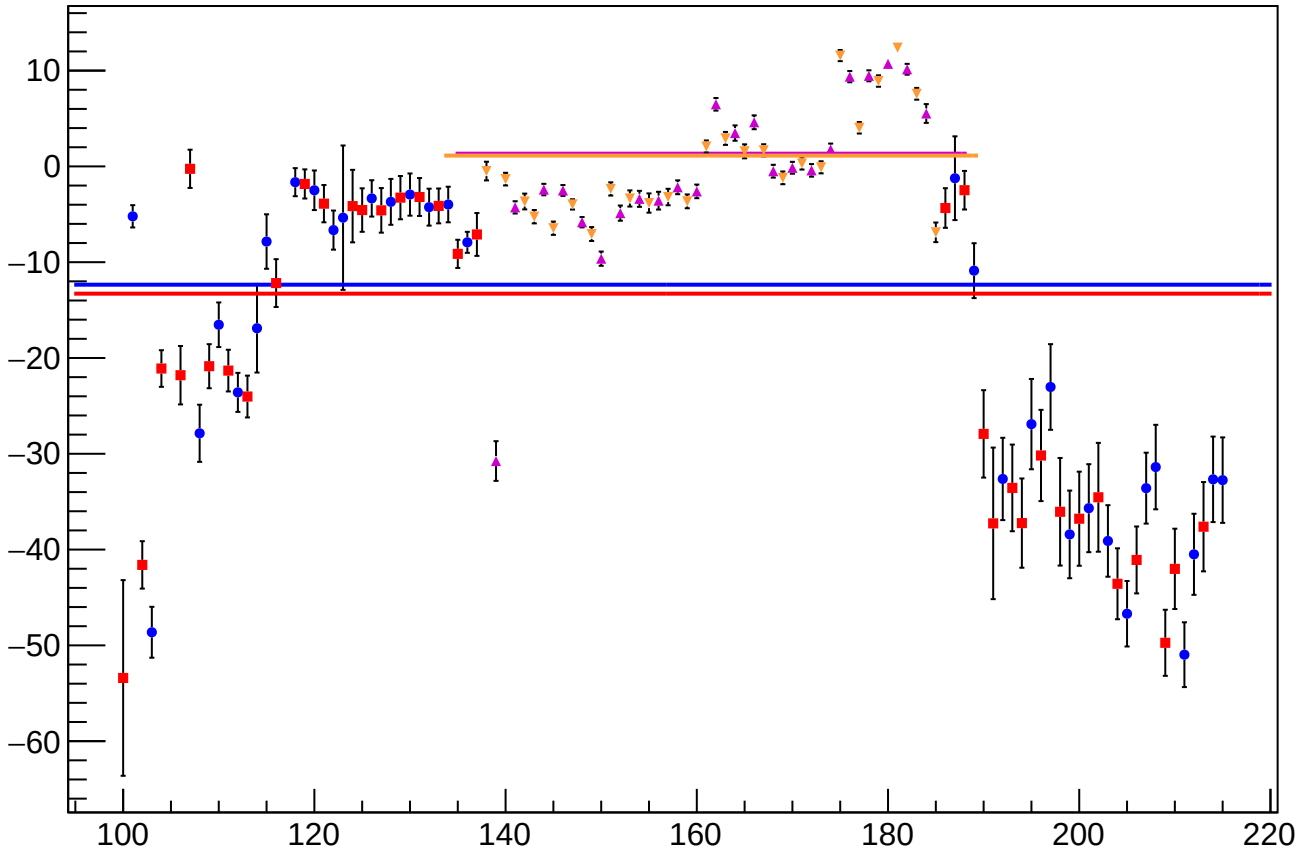
Right Out: -21.315+/-0.675 χ^2/NDF: 697.5/14

Left In: -38.027+/-0.173 χ^2/NDF:3091.9/22

+ sign -37.980+/-0.164 χ^2/NDF: 4600.5/39

All: -37.498+/-0.117 χ^2/NDF: 8983.4/77

- sign -36.993+/-0.168 χ^2/NDF: 4365.2/37



Right In: -12.349+/-0.425 χ^2/NDF: 1003.8/31

Left Out: 1.130+/-0.136 χ^2/NDF:1799.3/24

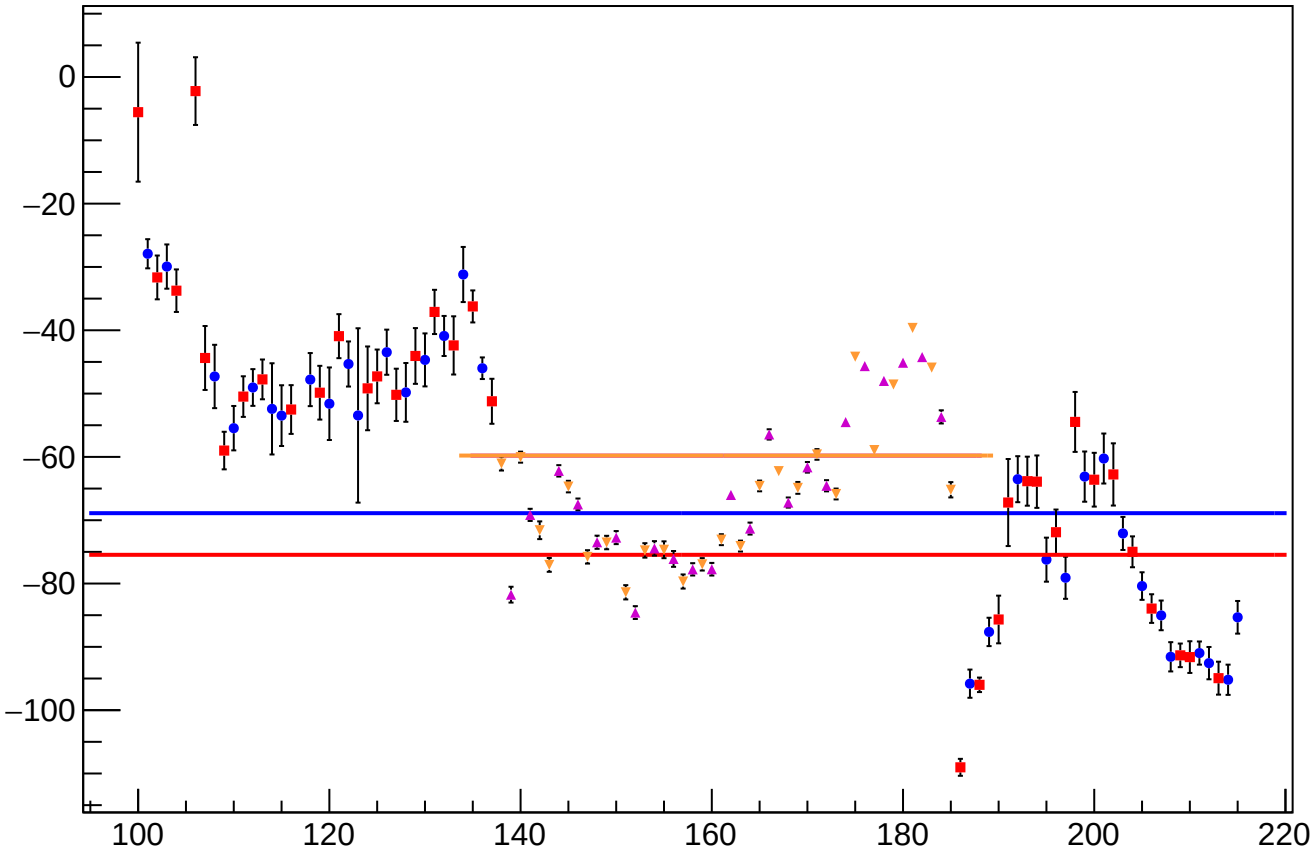
Right Out: -13.284+/-0.436 χ^2/NDF: 959.2/33

Left In: 1.329+/-0.140 χ^2/NDF:2048.0/22

+ sign -0.122+/-0.130 χ^2/NDF: 3715.8/56

All: -0.080+/-0.093 χ^2/NDF: 7742.8/113

- sign -0.035+/-0.133 χ^2/NDF: 4026.8/56



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: -75.463+/-0.497 χ^2/NDF: 2723.6/33

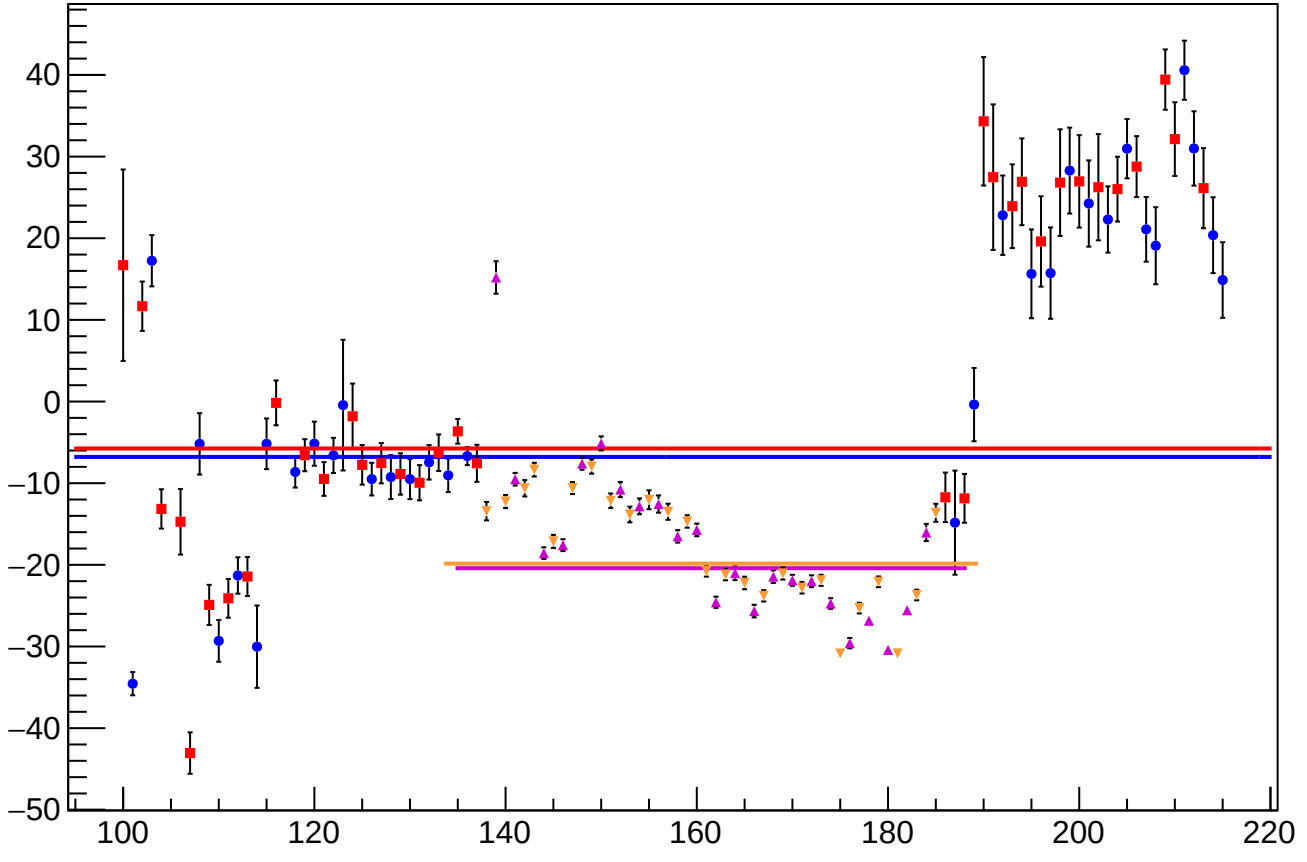
Left In: -59.802+/-0.173 χ^2/NDF:5217.5/22

+ sign -60.670+/-0.162 χ^2/NDF: 7971.7/56

All: -61.079+/-0.115 χ^2/NDF: 16809.9/113

- sign -61.497+/-0.164 χ^2/NDF: 8825.2/56

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: -5.749+/-0.501 χ^2/NDF: 1082.8/33

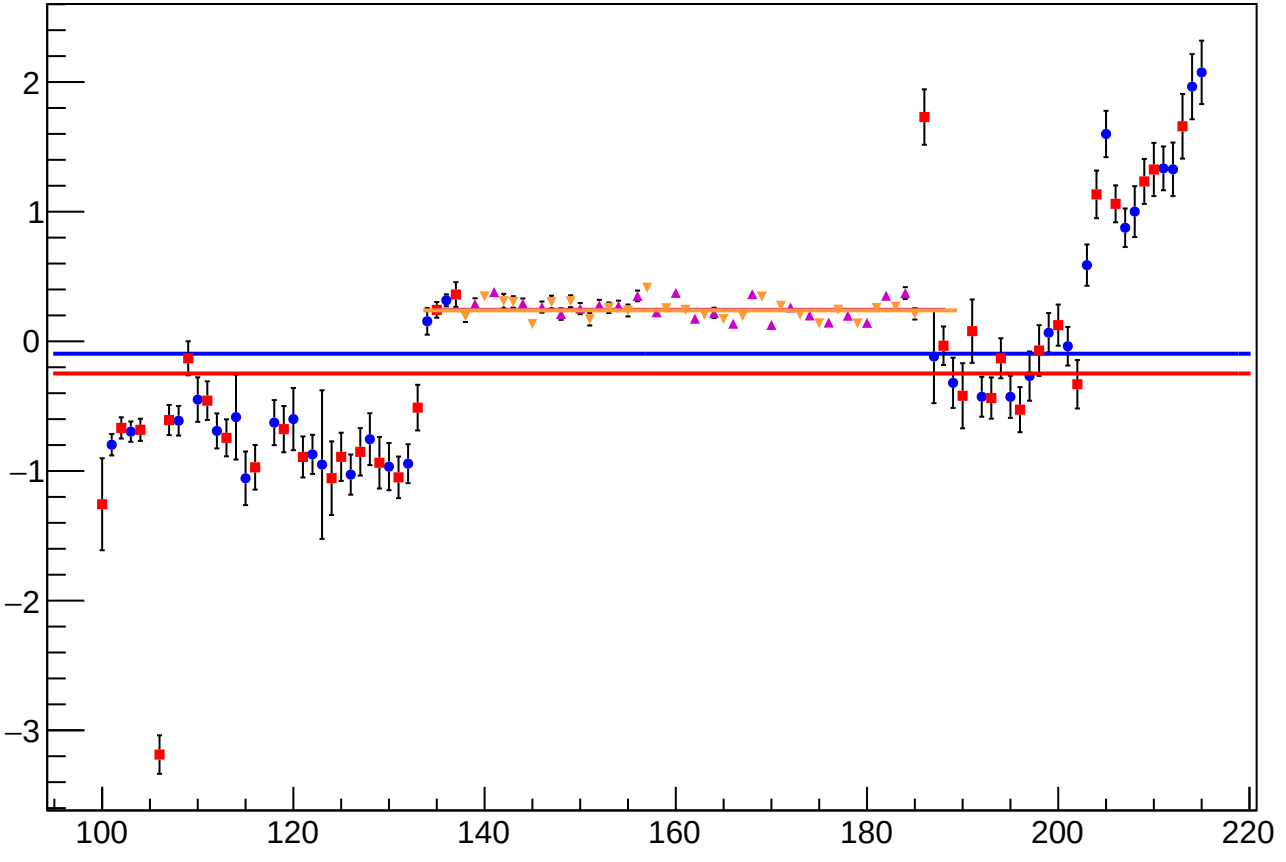
Left In: -20.410+/-0.157 χ^2/NDF:2302.0/22

+ sign -18.640+/-0.146 χ^2/NDF: 3884.8/56

All: -18.866+/-0.104 χ^2/NDF: 8054.7/113

- sign -19.104+/-0.150 χ^2/NDF: 4164.9/56

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.095+/-0.024 χ^2/NDF: 889.3/31

Left Out: 0.239+/-0.007 χ^2/NDF:93.0/24

Right Out: -0.248+/-0.024 χ^2/NDF: 1126.3/33

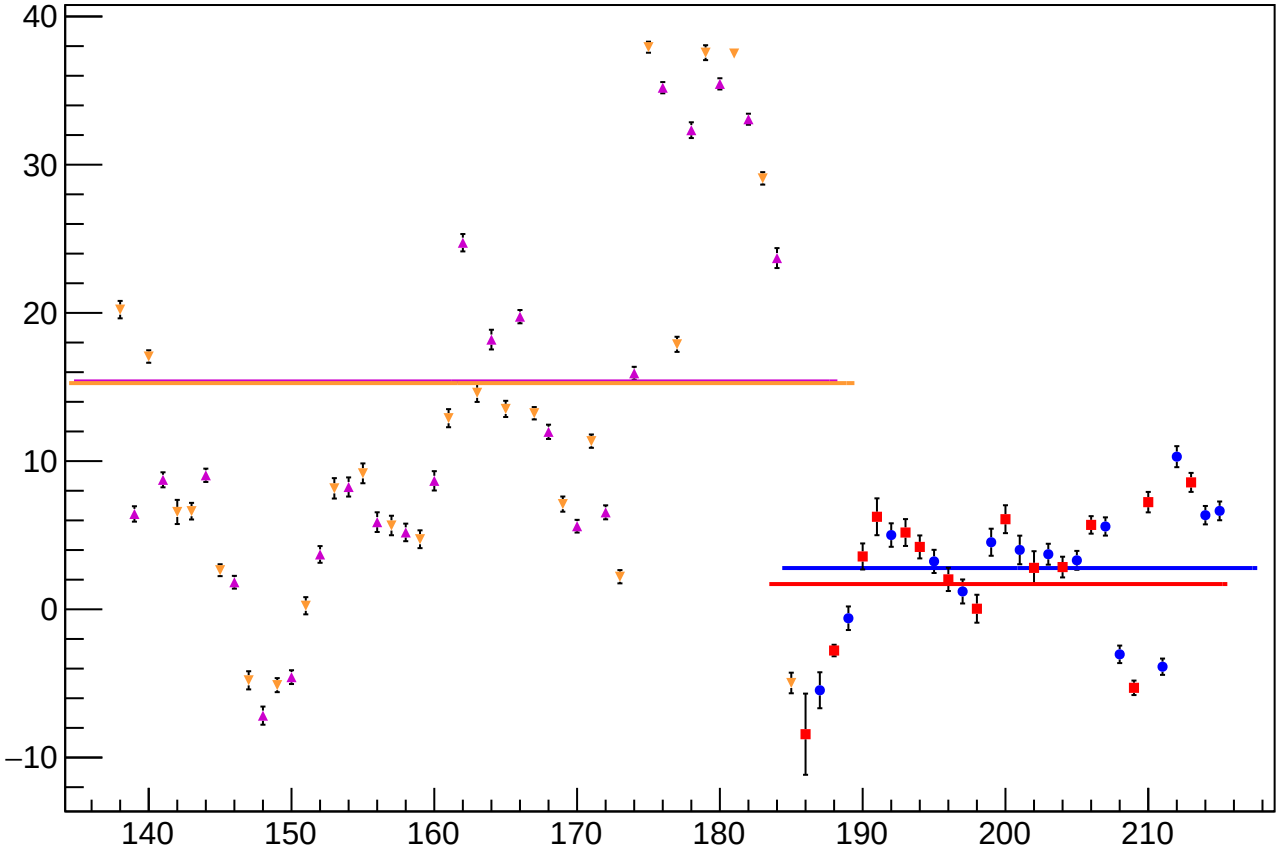
Left In: 0.243+/-0.007 χ^2/NDF:138.3/22

+ sign 0.212+/-0.007 χ^2/NDF: 1164.8/56

All: 0.208+/-0.005 χ^2/NDF: 2803.7/113

- sign 0.204+/-0.007 χ^2/NDF: 1638.3/56

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: 1.705+/-0.183 χ^2/NDF: 647.7/14

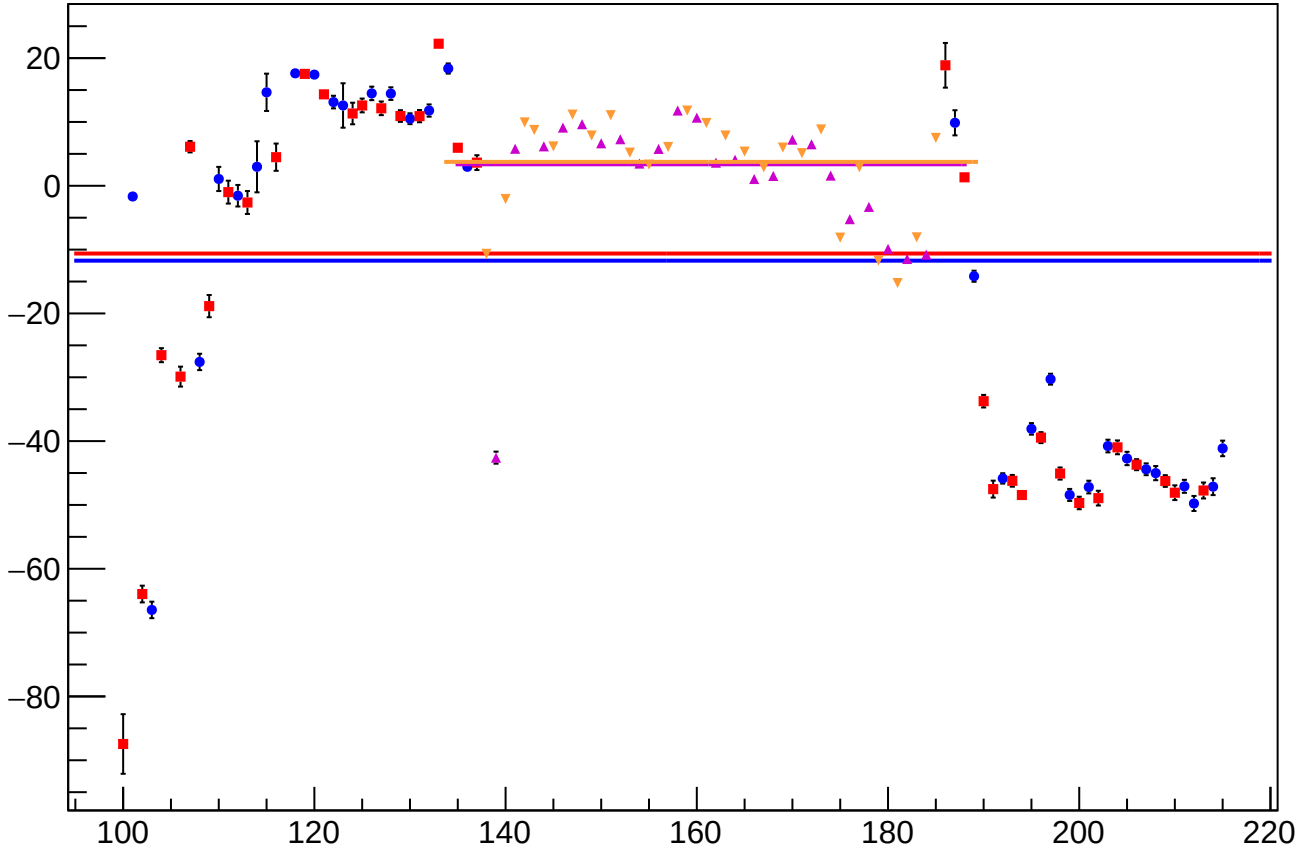
Left In: 15.377+/-0.103 χ^2/NDF:16268.9/22

\+ sign 12.387+/-0.088 χ^2/NDF: 23260.1/39

All: 12.245+/-0.063 χ^2/NDF: 44426.4/77

\- sign 12.099+/-0.090 χ^2/NDF: 21161.1/37

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: -10.614+/-0.161 χ^2/NDF: 31202.7/33

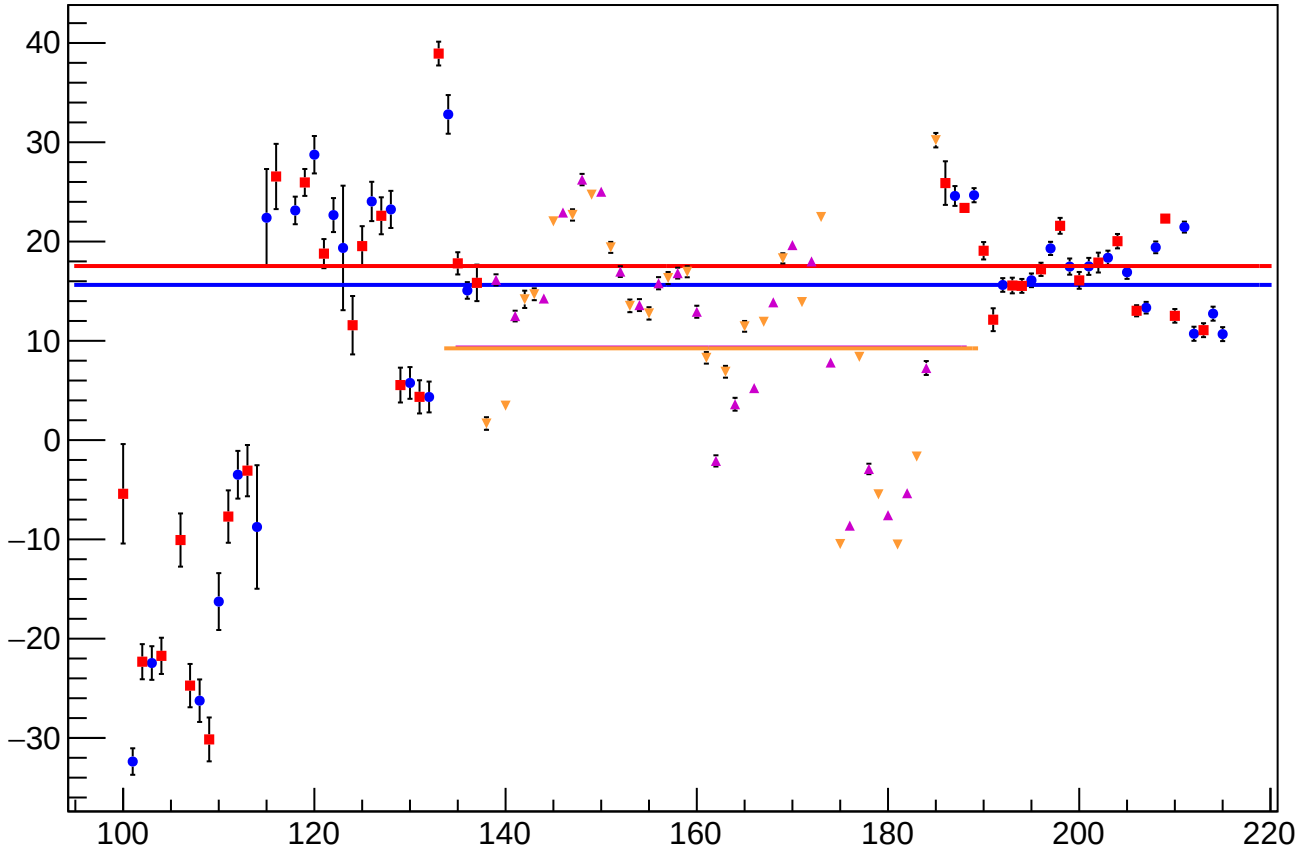
Left In: 3.365+/-0.081 χ^2/NDF:8527.0/22

+ sign 0.944+/-0.071 χ^2/NDF: 42913.7/56

All: 0.743+/-0.051 χ^2/NDF: 88656.3/113

- sign 0.534+/-0.073 χ^2/NDF: 45726.4/56

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



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: 17.533+/-0.156 χ^2/NDF: 3316.0/33

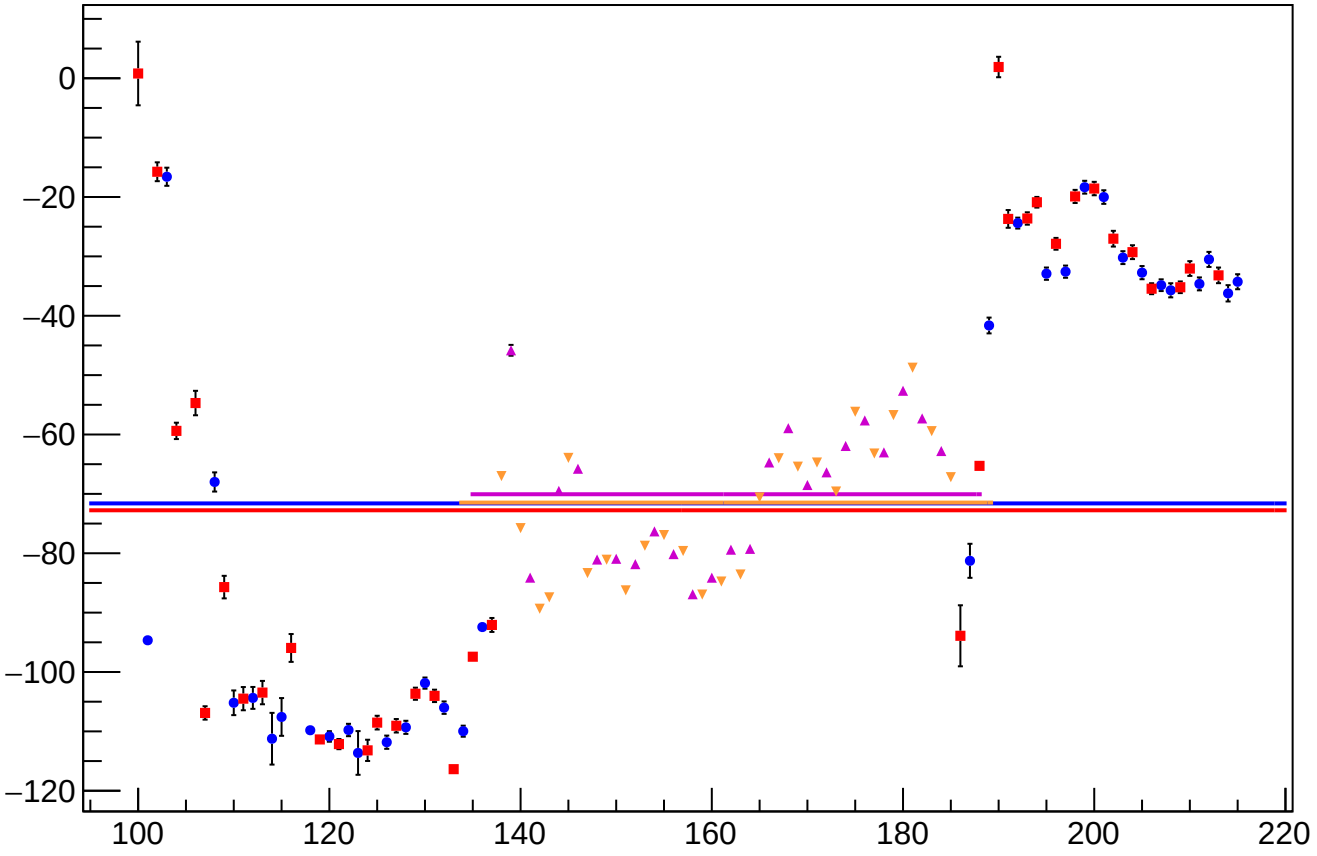
Left In: 9.328+/-0.103 χ^2/NDF:11968.5/22

+ sign 11.000+/-0.086 χ^2/NDF: 18004.2/56

All: 11.406+/-0.061 χ^2/NDF: 35268.2/113

- sign 11.809+/-0.086 χ^2/NDF: 17219.6/56

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

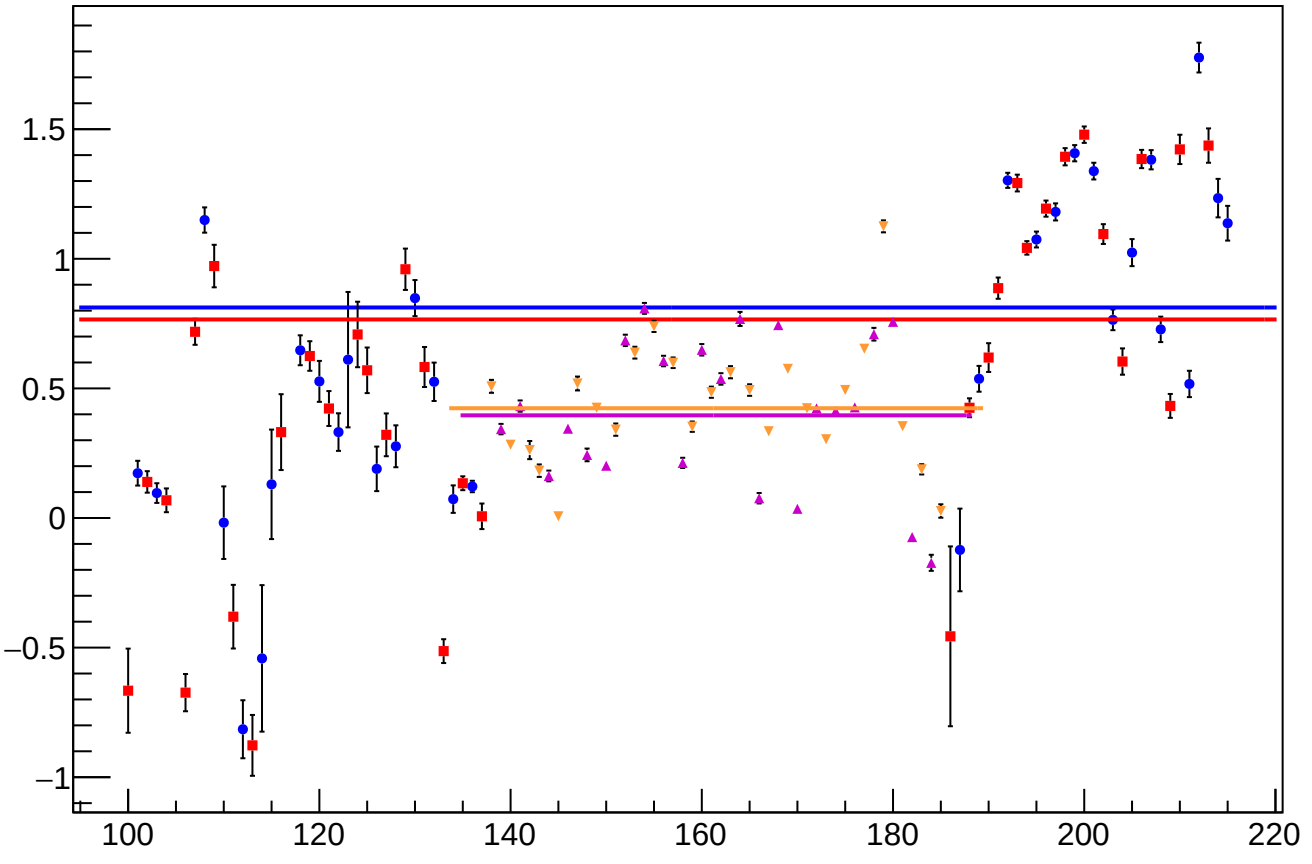
Right Out: -72.764+/-0.188 χ^2/NDF: 43434.1/33

Left In: -70.061+/-0.092 χ^2/NDF:13058.5/22

+ sign -71.490+/-0.081 χ^2/NDF: 53203.4/56

All: -71.043+/-0.058 χ^2/NDF: 109924.8/113

- sign -70.580+/-0.082 χ^2/NDF: 56659.2/56



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: 0.766+/-0.008 χ^2/NDF: 5113.1/33

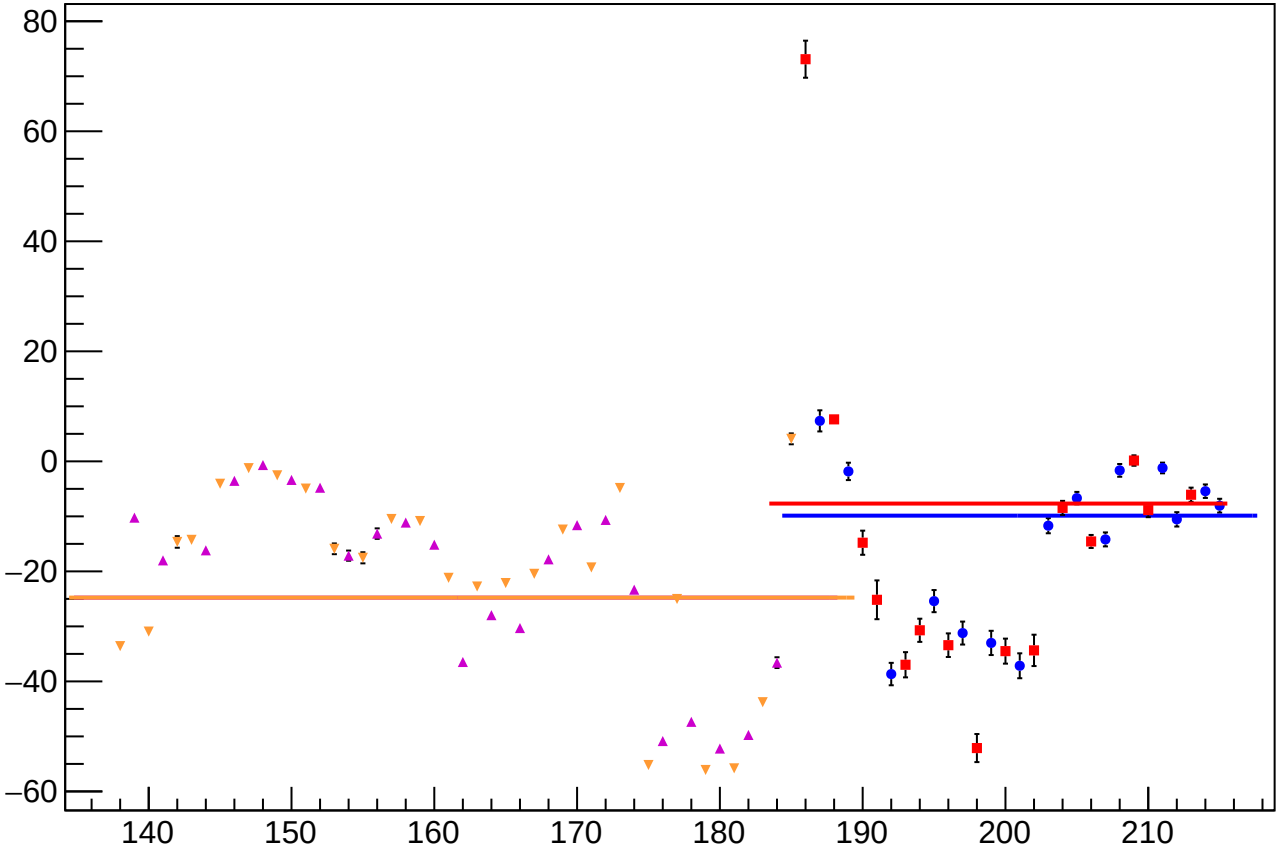
Left In: 0.396+/-0.004 χ^2/NDF:4051.5/22

+ sign 0.499+/-0.004 χ^2/NDF: 8640.6/56

All: 0.486+/-0.003 χ^2/NDF: 19492.0/113

- sign 0.474+/-0.004 χ^2/NDF: 10829.5/56

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: -7.675+/-0.387 χ^2/NDF: 2037.5/14

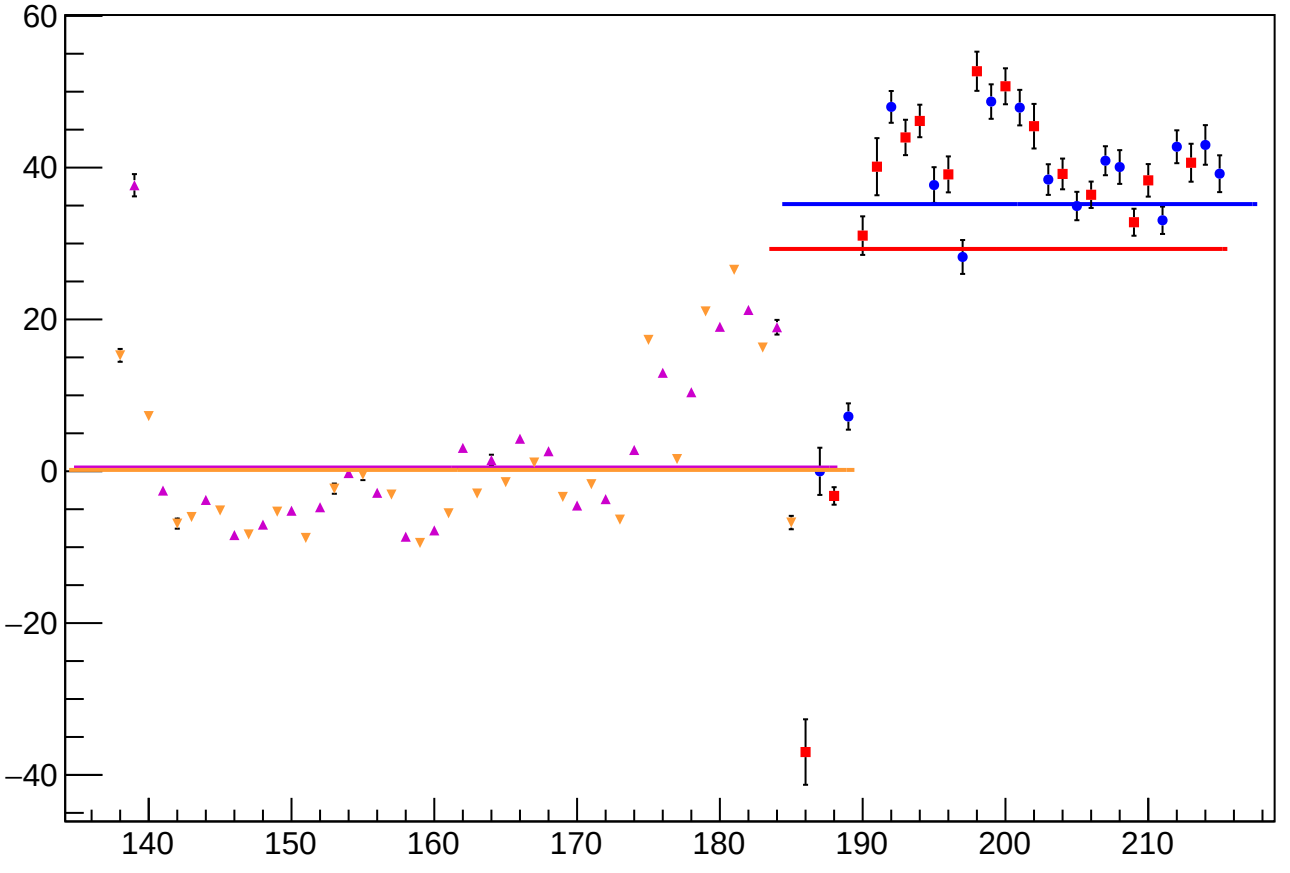
Left In: -24.775+/-0.143 χ^2/NDF:14807.4/22

+ sign -22.895+/-0.130 χ^2/NDF: 20647.4/39

All: -22.812+/-0.093 χ^2/NDF: 39213.0/77

- sign -22.725+/-0.134 χ^2/NDF: 18564.8/37

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 35.193+/-0.553 χ^2/NDF: 543.6/14

Left Out: 0.177+/-0.109 χ^2/NDF:8295.6/24

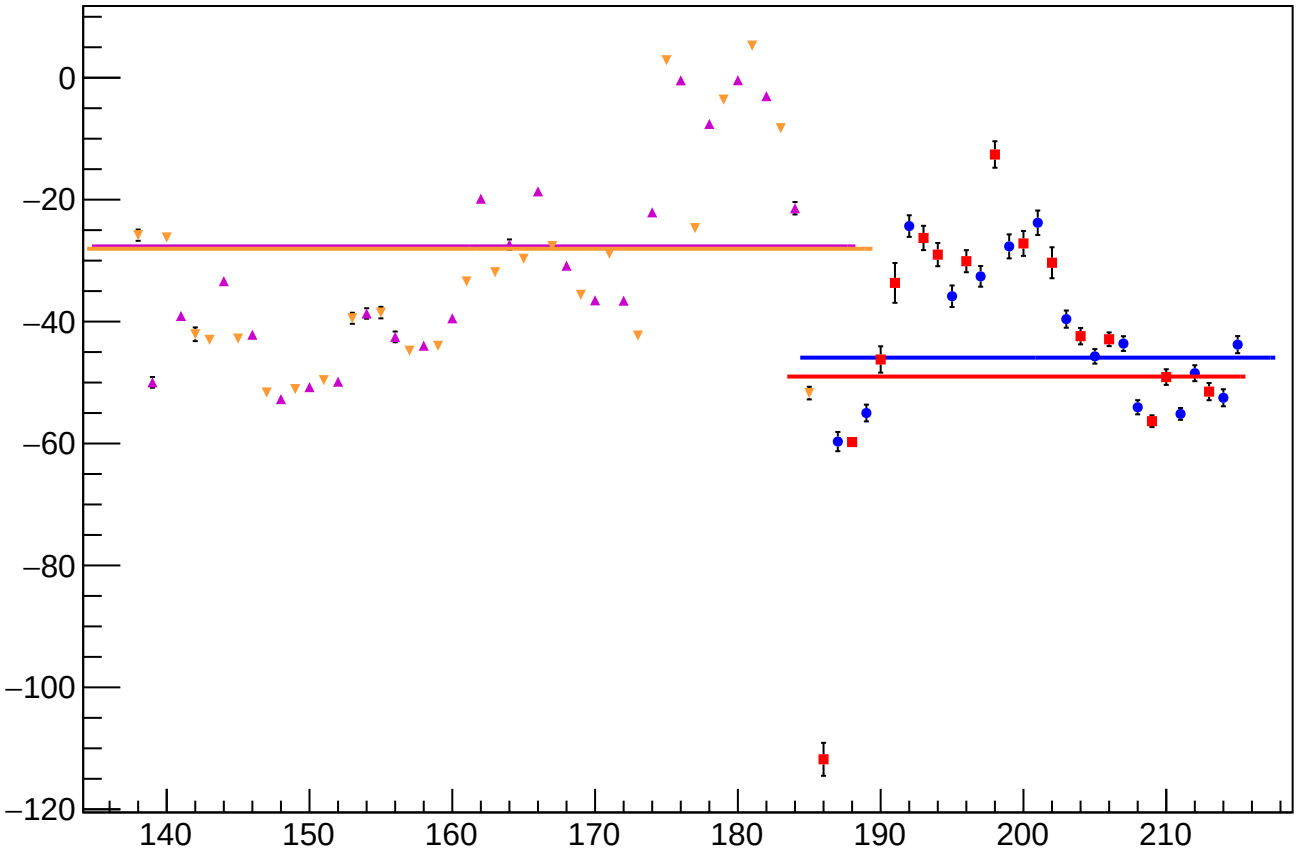
Right Out: 29.286+/-0.548 χ^2/NDF: 1438.0/14

Left In: 0.493+/-0.112 χ^2/NDF:6555.4/22

+ sign 1.475+/-0.106 χ^2/NDF: 12697.3/39

All: 1.559+/-0.076 χ^2/NDF: 23339.0/77

- sign 1.649+/-0.110 χ^2/NDF: 10640.4/37



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: -49.016+/-0.358 χ^2/NDF: 1752.2/14

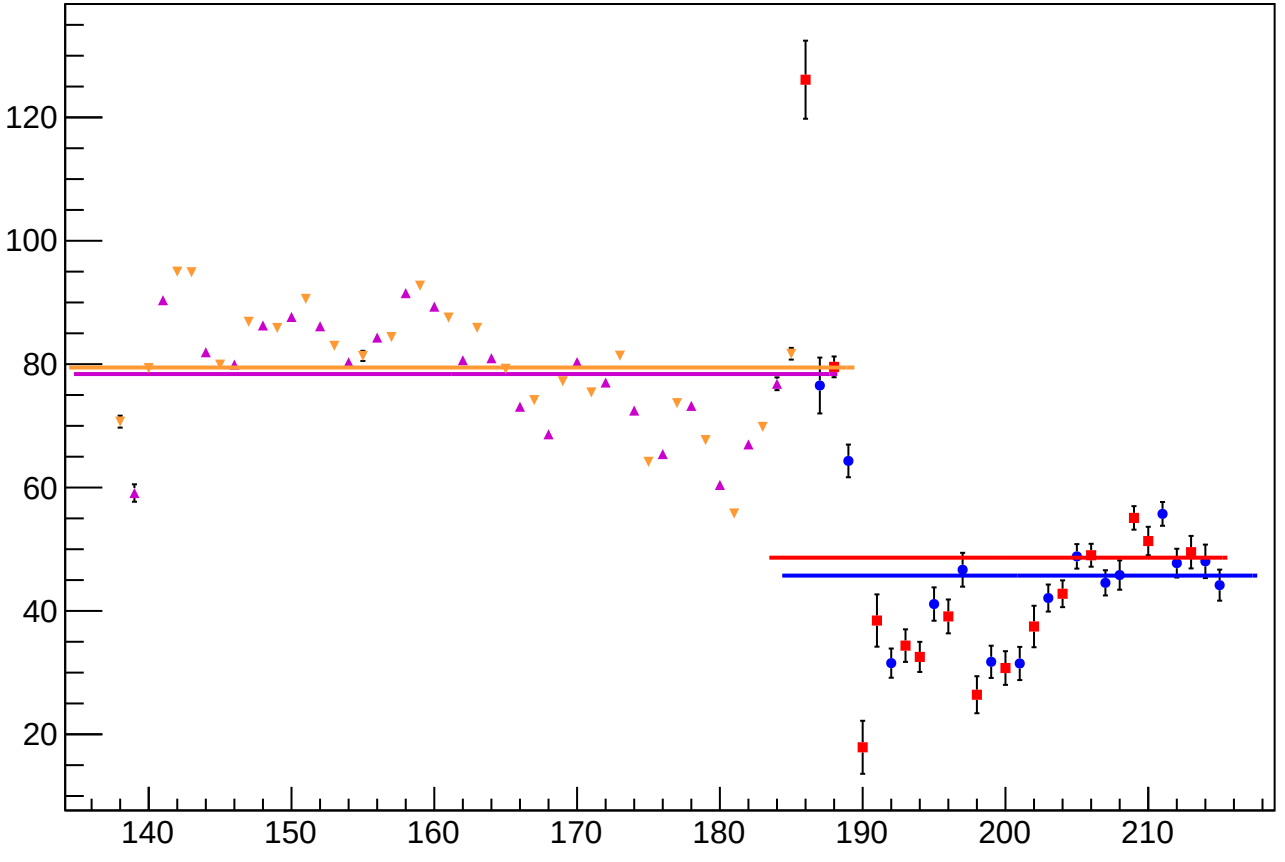
Left In: -27.666+/-0.142 χ^2/NDF:15003.2/22

\+ sign -30.392+/-0.130 χ^2/NDF: 20042.5/39

All: -30.489+/-0.093 χ^2/NDF: 39873.6/77

\- sign -30.588+/-0.132 χ^2/NDF: 19830.0/37

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: 48.632+/-0.649 χ^2/NDF: 756.9/14

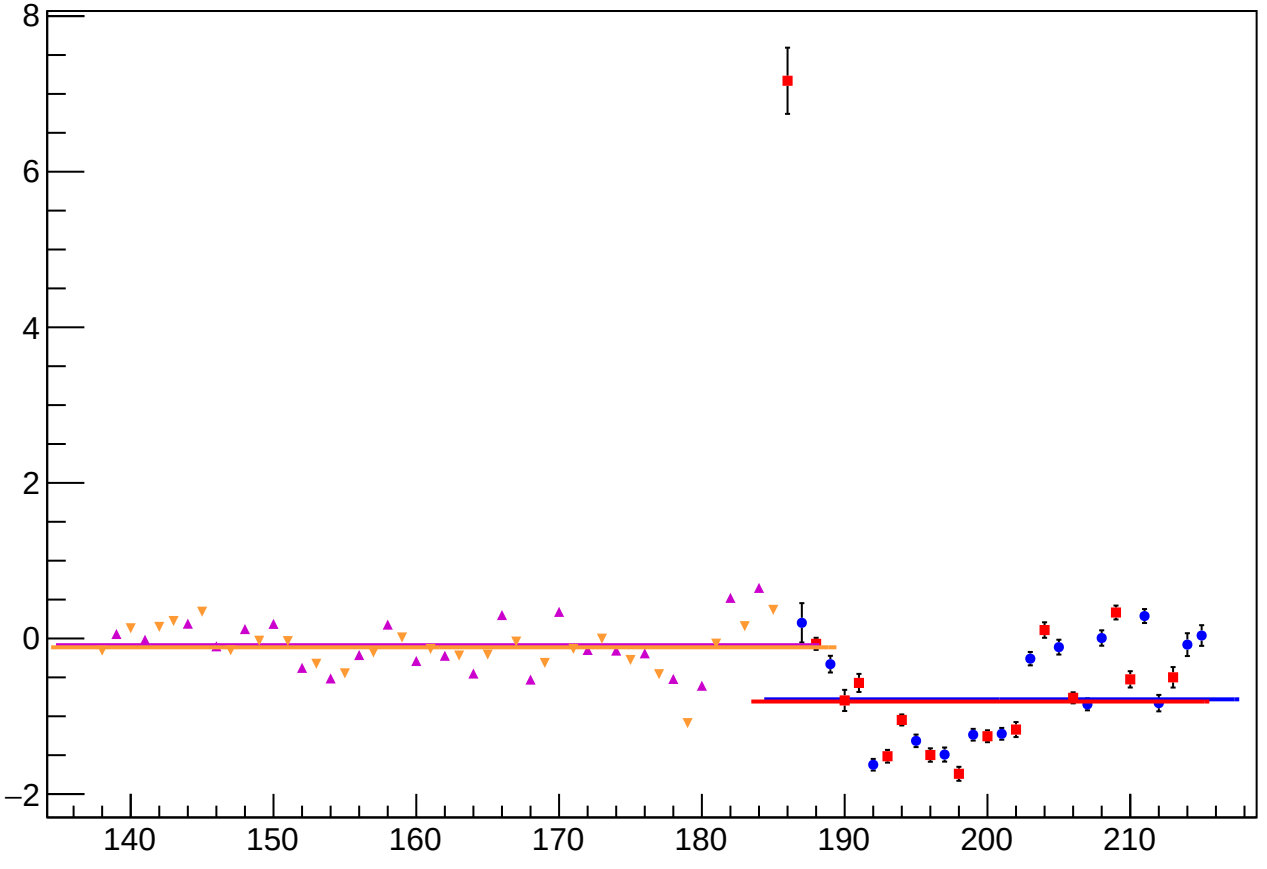
Left In: 78.396+/-0.127 χ^2/NDF:4707.3/22

+ sign 78.200+/-0.121 χ^2/NDF: 9094.2/39

All: 77.764+/-0.087 χ^2/NDF: 16610.5/77

- sign 77.303+/-0.124 χ^2/NDF: 7489.6/37

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: -0.810+/-0.024 χ^2/NDF: 1012.5/14

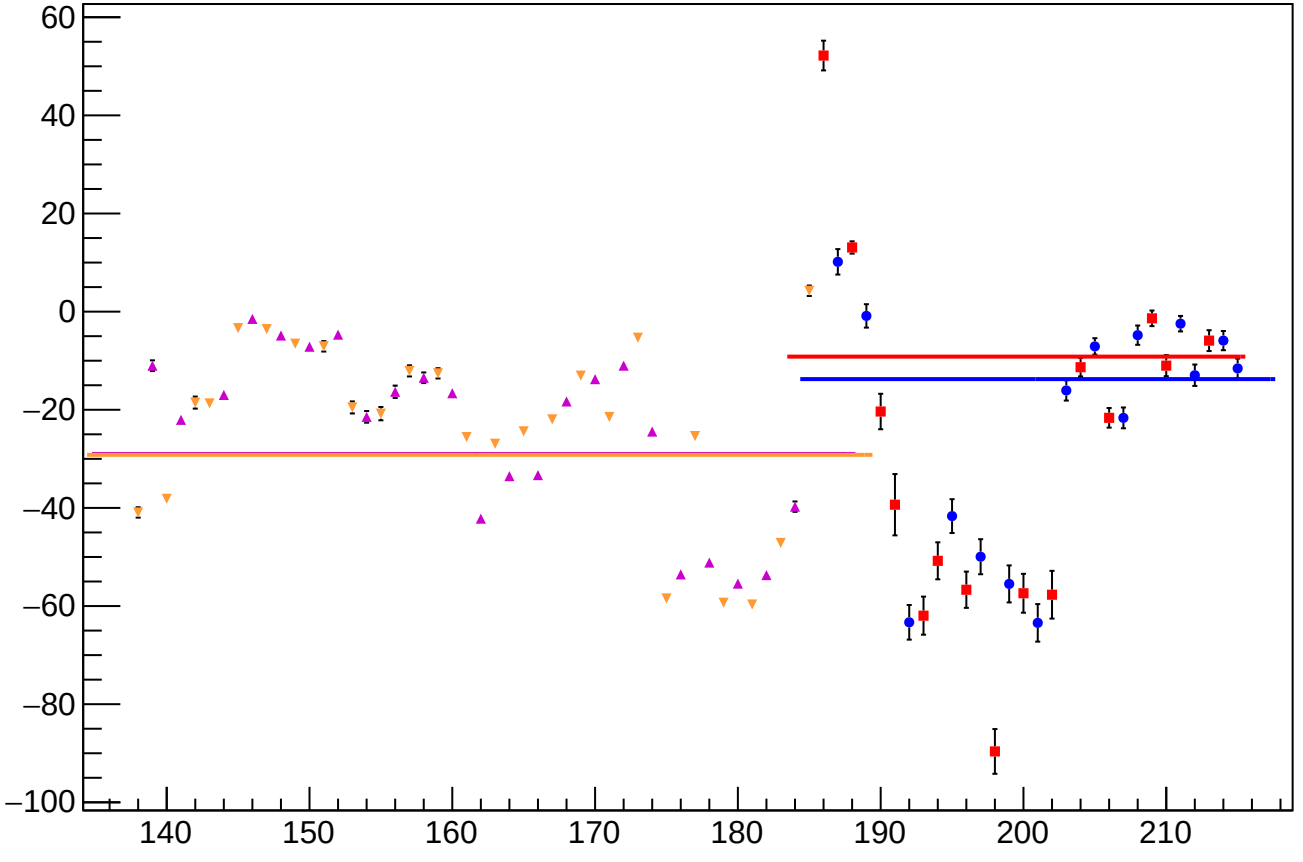
Left In: -0.086+/-0.006 χ^2/NDF:3132.1/22

+ sign -0.149+/-0.006 χ^2/NDF: 3727.5/39

All: -0.138+/-0.004 χ^2/NDF: 8749.9/77

- sign -0.126+/-0.006 χ^2/NDF: 5014.3/37

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: -9.167+/-0.623 χ^2/NDF: 1857.3/14

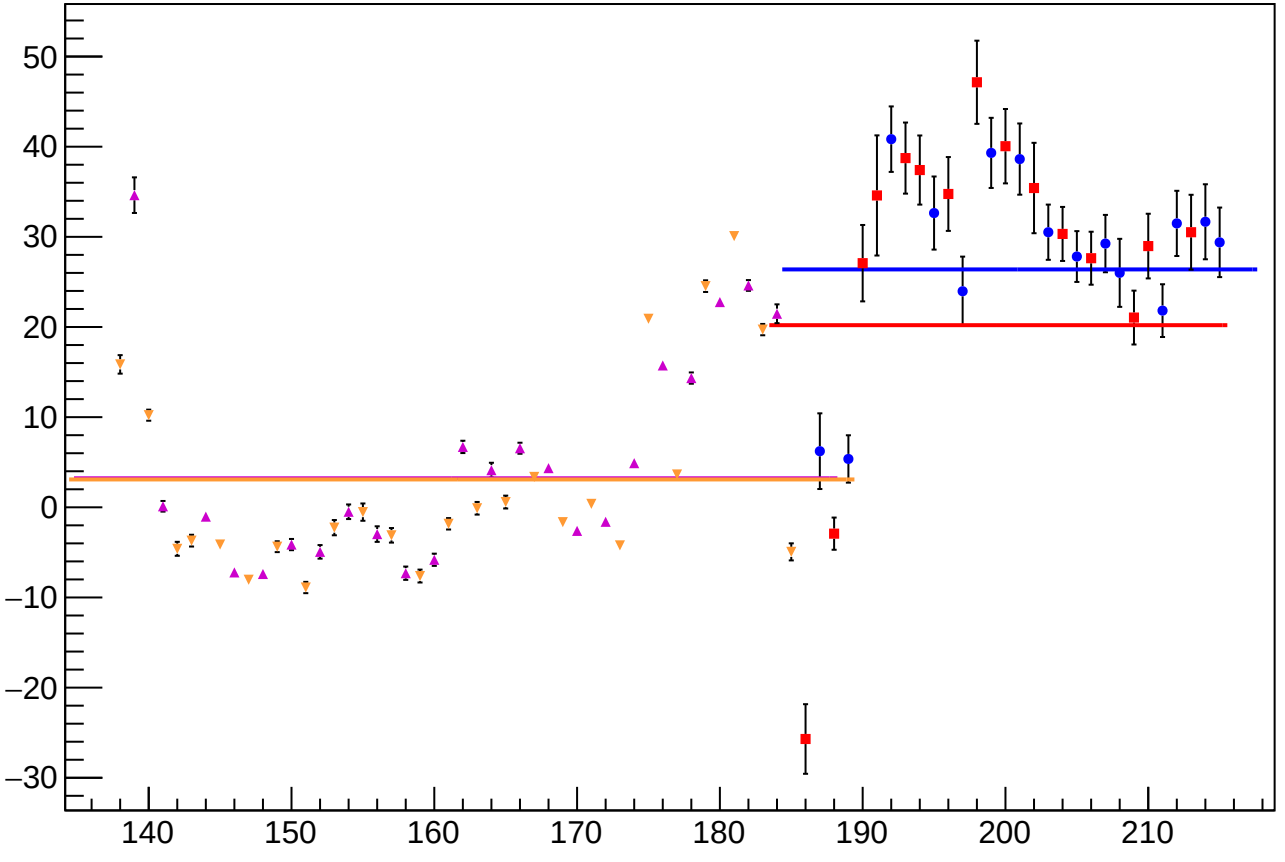
Left In: -29.003+/-0.160 χ^2/NDF:13416.8/22

+ sign -28.154+/-0.151 χ^2/NDF: 18447.3/39

All: -27.970+/-0.108 χ^2/NDF: 34675.8/77

- sign -27.778+/-0.155 χ^2/NDF: 16225.4/37

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

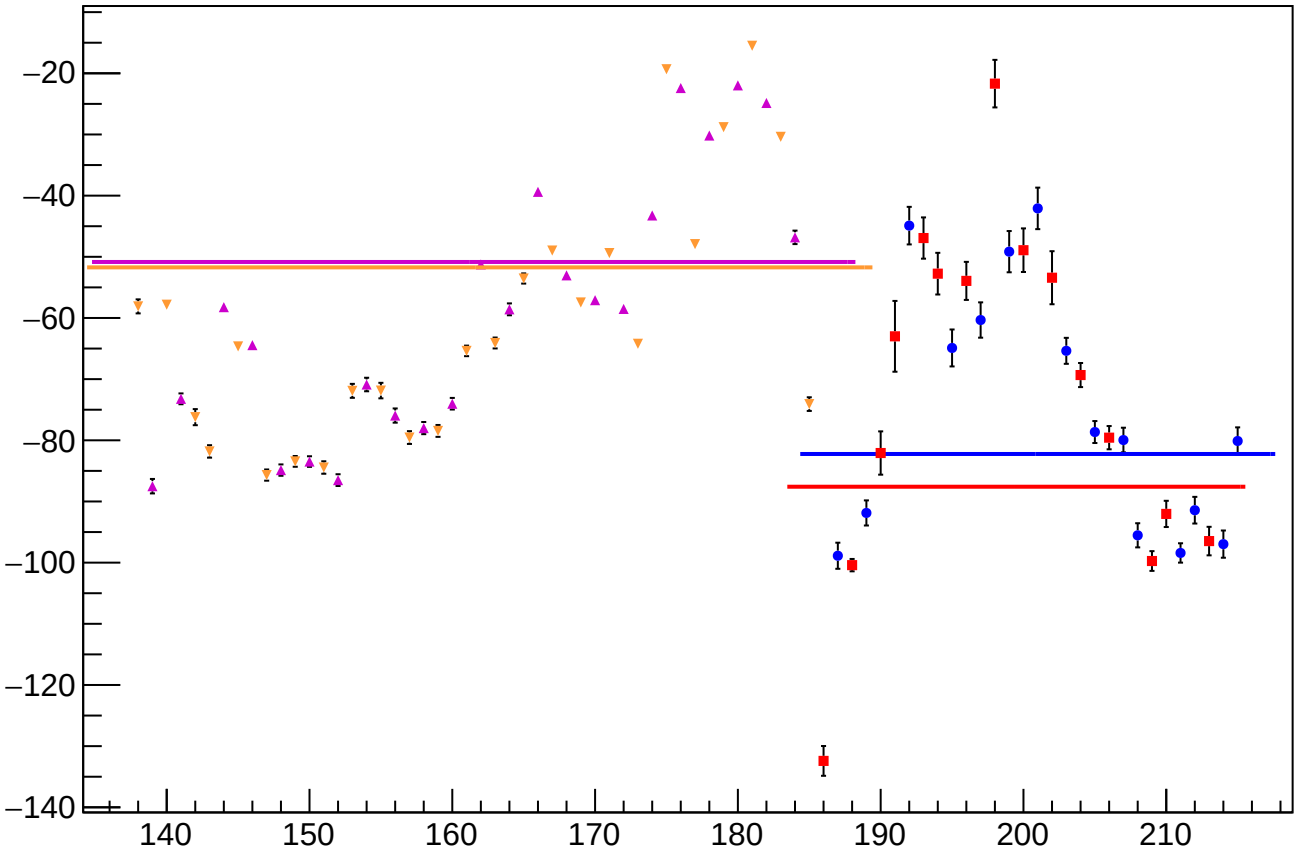
Right Out: 20.203+/-0.887 χ^2/NDF: 467.9/14

Left In: 3.221+/-0.127 χ^2/NDF:6237.6/22

+ sign 3.535+/-0.123 χ^2/NDF: 8888.8/39

All: 3.548+/-0.088 χ^2/NDF: 15953.6/77

- sign 3.562+/-0.126 χ^2/NDF: 7064.9/37



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: -87.588+/-0.572 χ^2/NDF: 1533.6/14

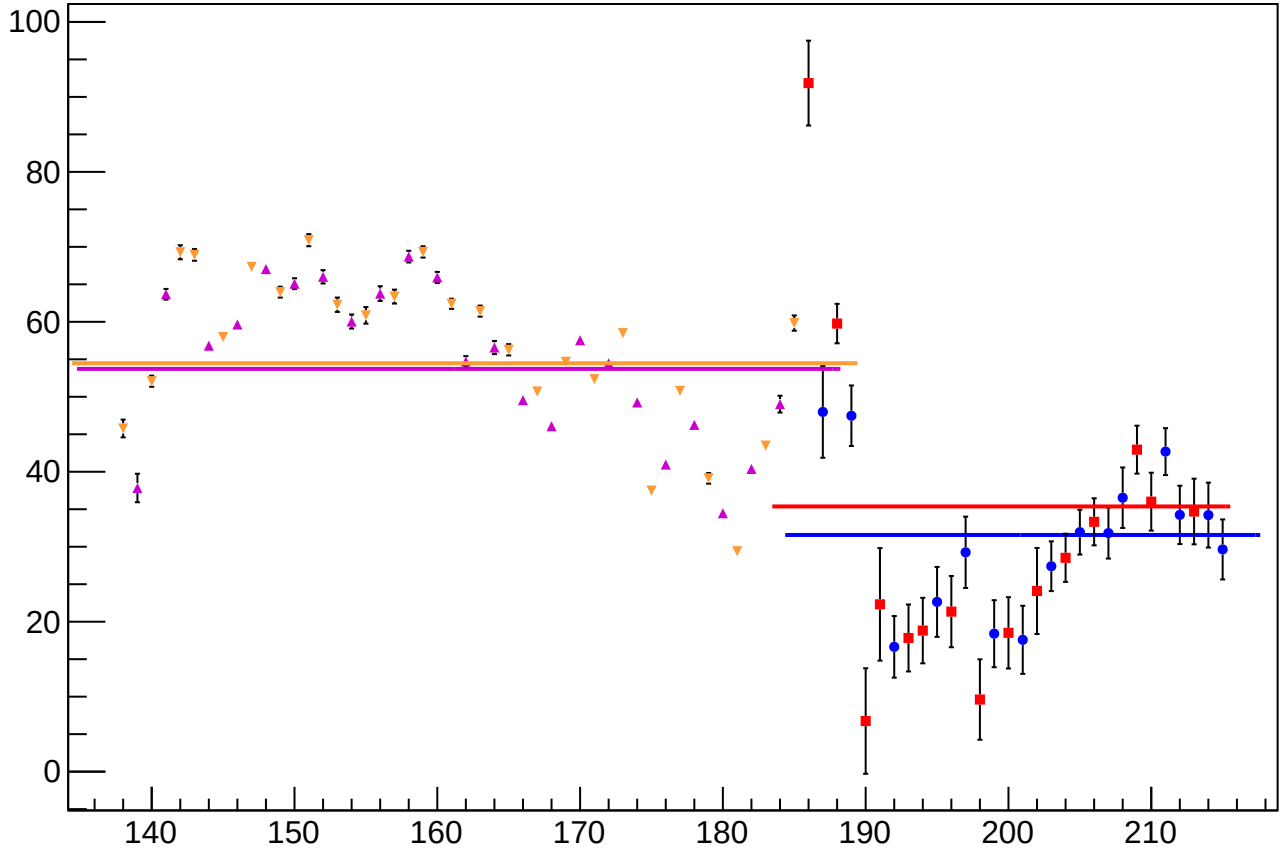
Left In: -50.844+/-0.160 χ^2/NDF:17272.0/22

+ sign -53.862+/-0.152 χ^2/NDF: 22985.8/39

All: -53.688+/-0.108 χ^2/NDF: 45616.0/77

- sign -53.510+/-0.154 χ^2/NDF: 22627.5/37

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: 35.373+/-1.063 χ^2/NDF: 293.7/14

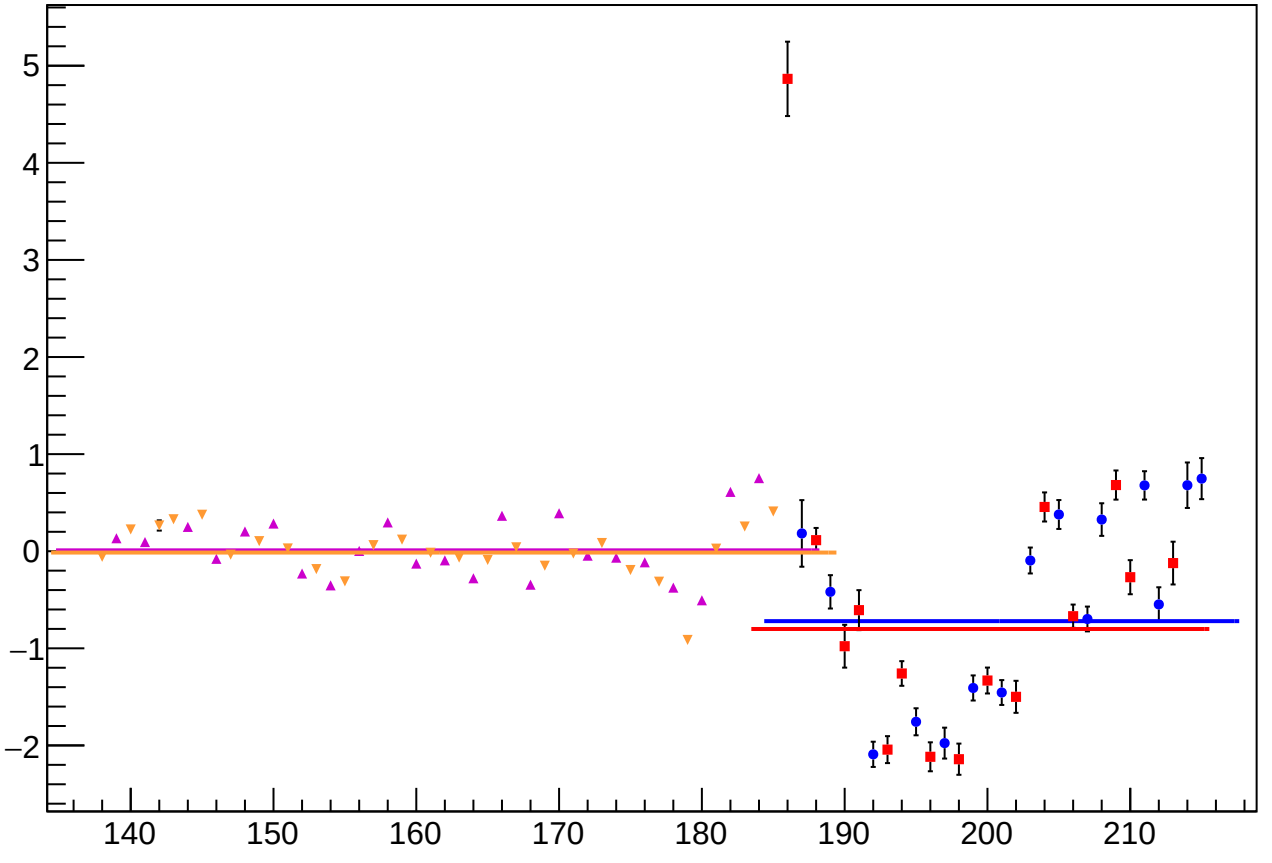
Left In: 53.724+/-0.143 χ^2/NDF:4585.7/22

+ sign 54.047+/-0.139 χ^2/NDF: 6841.2/39

All: 53.729+/-0.099 χ^2/NDF: 12023.9/77

- sign 53.397+/-0.142 χ^2/NDF: 5172.1/37

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: -0.801+/-0.040 χ^2/NDF: 735.6/14

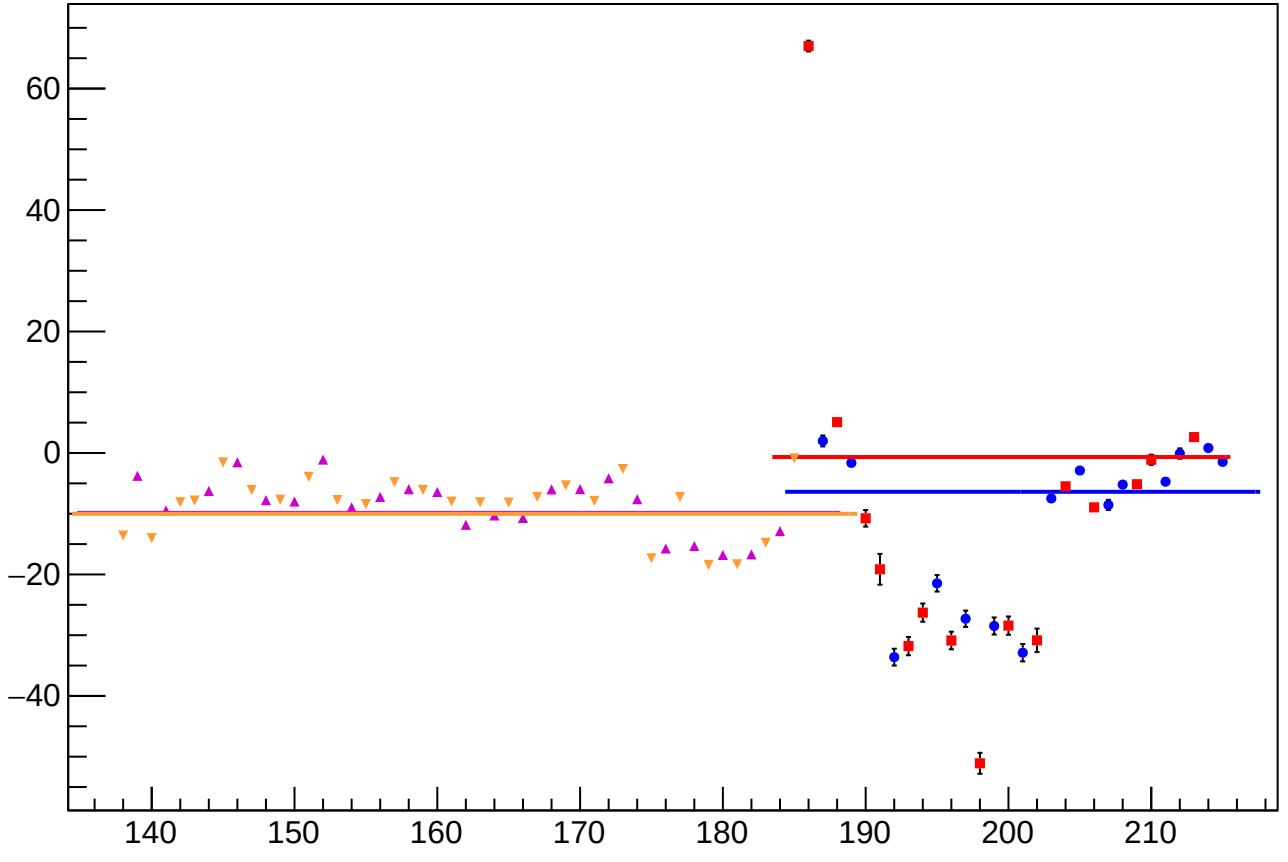
Left In: 0.009+/-0.007 χ^2/NDF:2220.5/22

+ sign -0.032+/-0.006 χ^2/NDF: 2553.9/39

All: -0.022+/-0.005 χ^2/NDF: 5908.8/77

- sign -0.012+/-0.006 χ^2/NDF: 3350.1/37

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: -0.662+/-0.232 χ^2/NDF: 8933.3/14

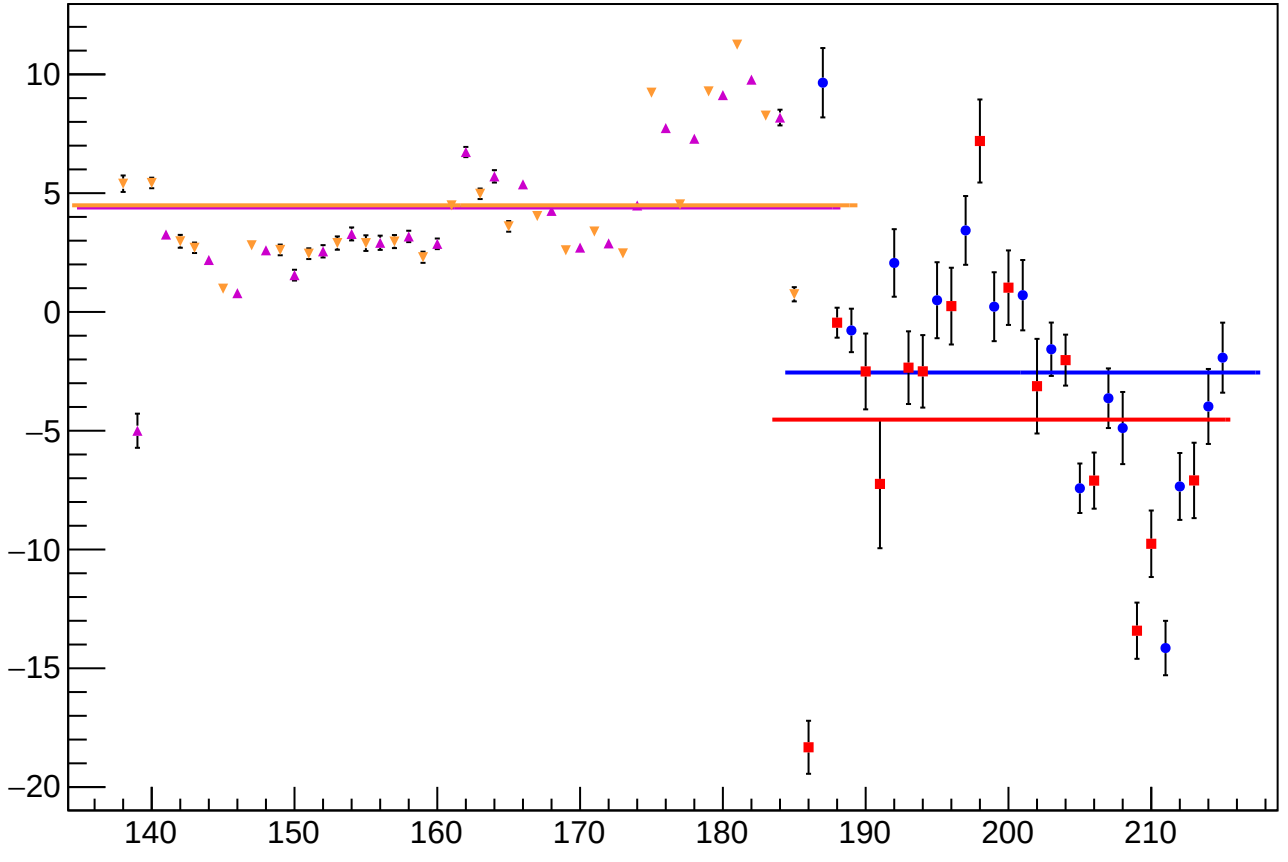
Left In: -9.865+/-0.051 χ^2/NDF:9345.4/22

+ sign -9.837+/-0.049 χ^2/NDF: 14509.0/39

All: -9.639+/-0.035 χ^2/NDF: 34323.5/77

- sign -9.434+/-0.050 χ^2/NDF: 19781.7/37

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: -4.532+/-0.328 χ^2/NDF: 350.9/14

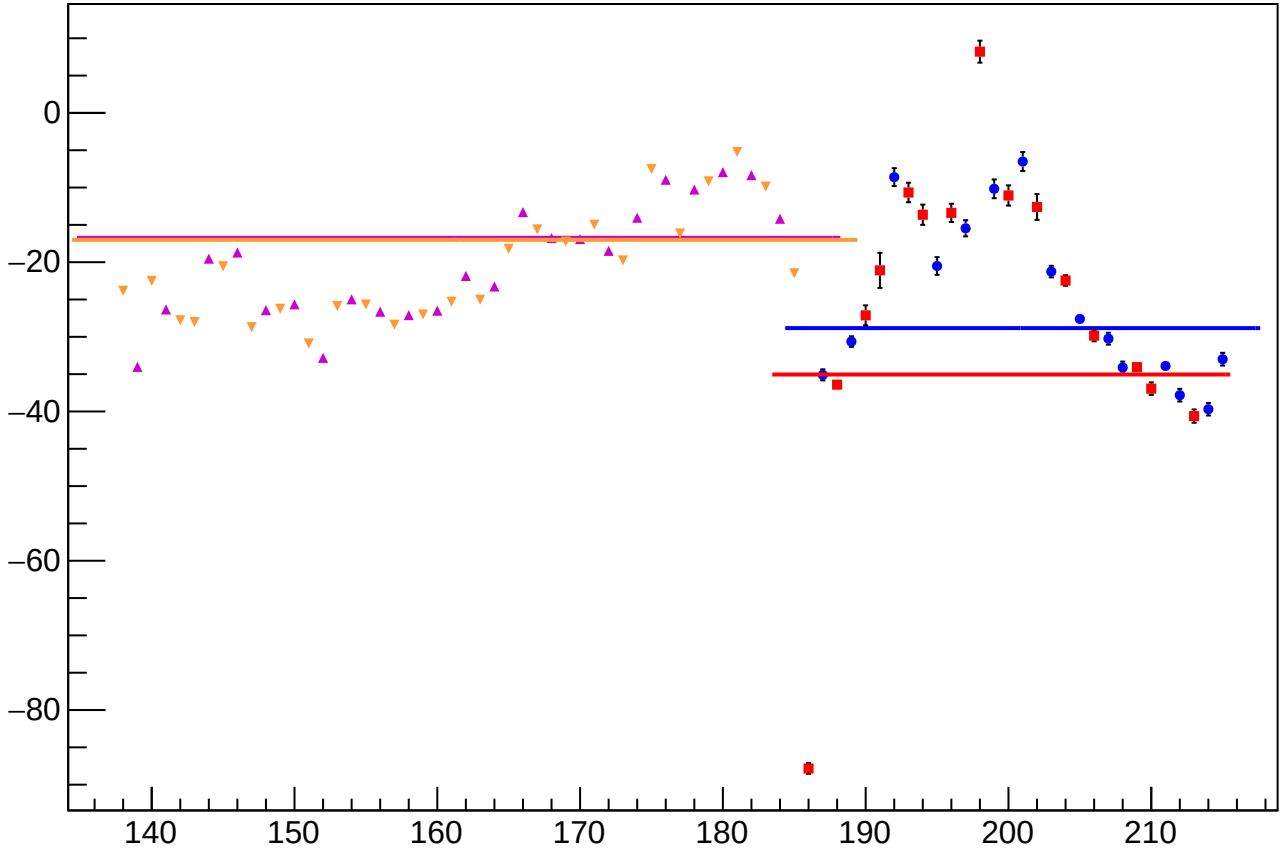
Left In: 4.396+/-0.041 χ^2/NDF:4230.4/22

+ sign 4.387+/-0.040 χ^2/NDF: 5519.6/39

All: 4.323+/-0.029 χ^2/NDF: 10834.1/77

- sign 4.257+/-0.041 χ^2/NDF: 5309.5/37

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: -35.049+/-0.211 χ^2/NDF: 8266.8/14

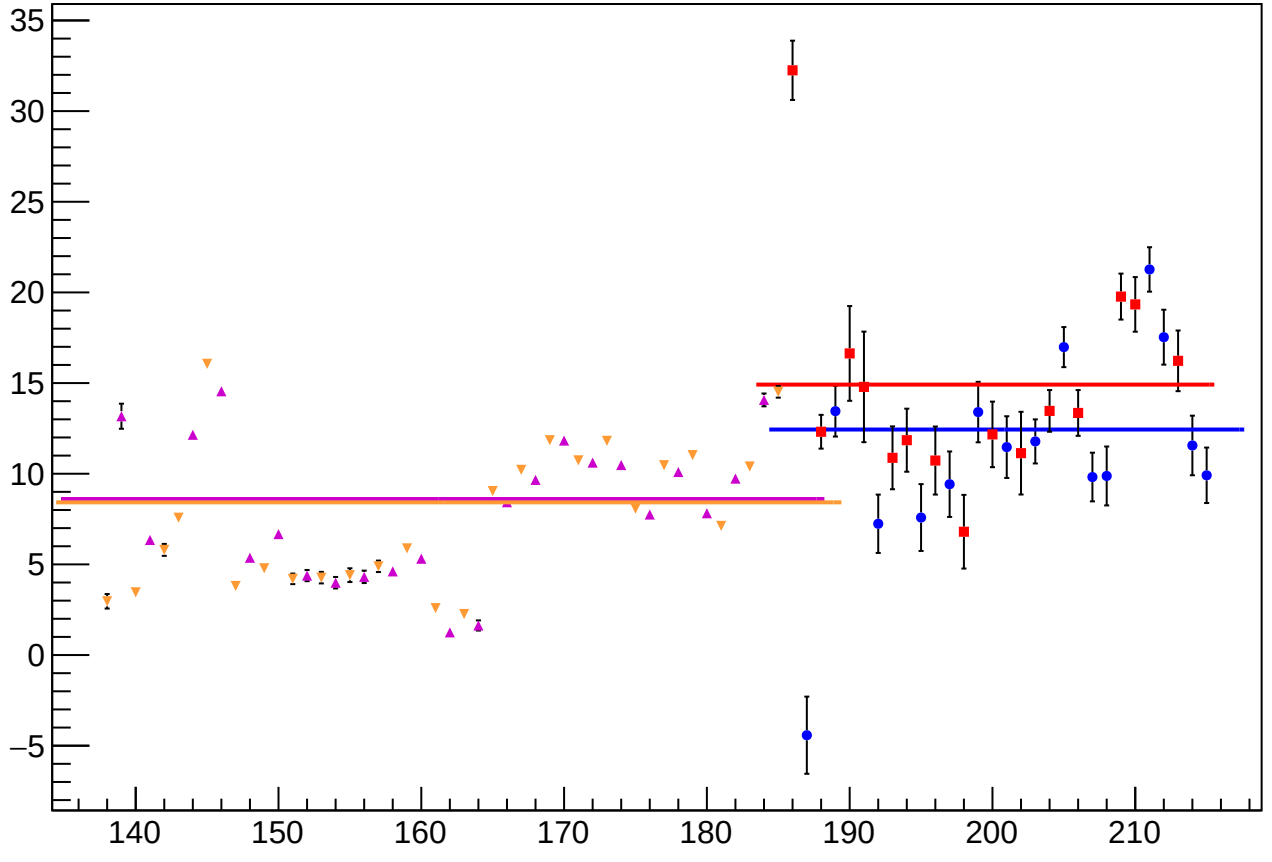
Left In: -16.732+/-0.052 χ^2/NDF:18777.2/22

+ sign -17.628+/-0.050 χ^2/NDF: 26509.3/39

All: -17.695+/-0.035 χ^2/NDF: 60669.5/77

- sign -17.763+/-0.050 χ^2/NDF: 34156.6/37

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: 14.916+/-0.399 χ^2/NDF: 182.1/14

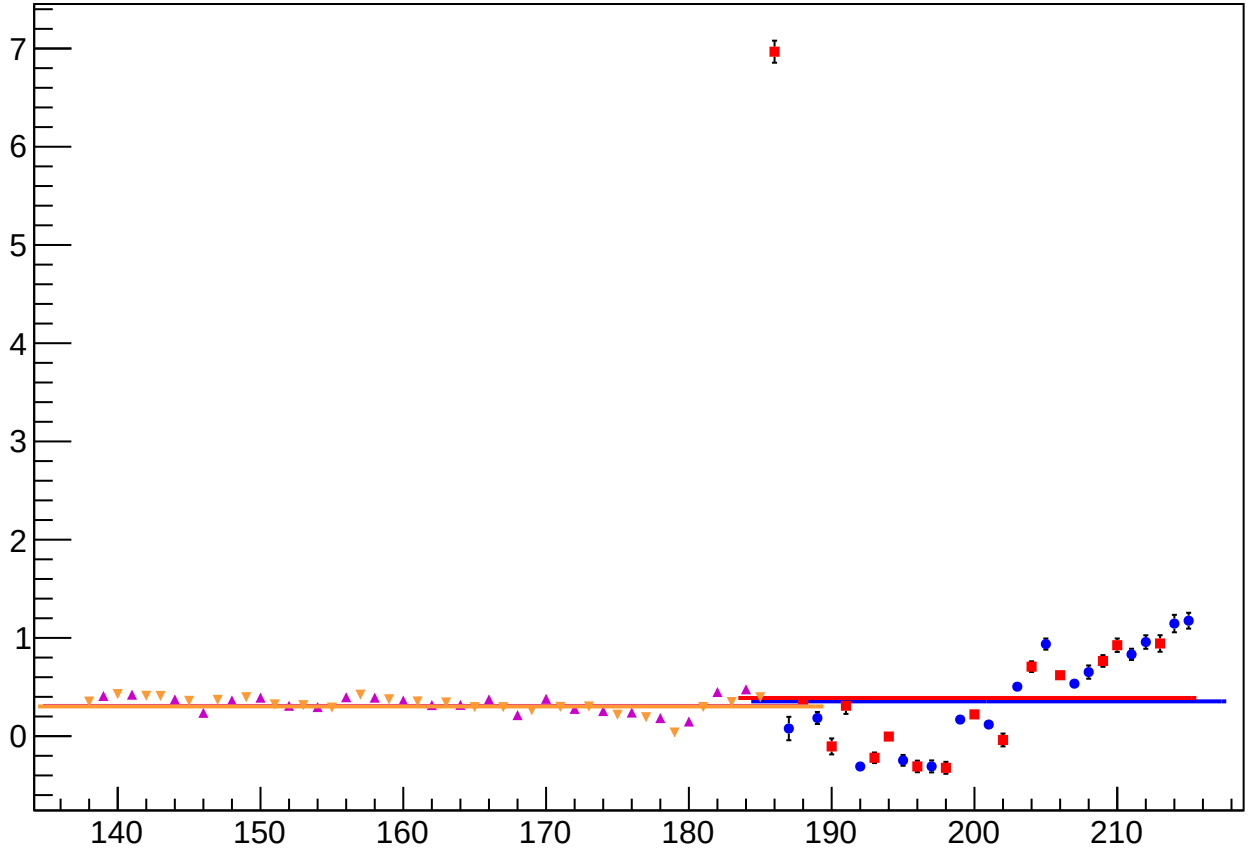
Left In: 8.606+/-0.046 χ^2/NDF:5504.2/22

+ sign 8.477+/-0.045 χ^2/NDF: 6751.5/39

All: 8.582+/-0.032 χ^2/NDF: 12695.2/77

- sign 8.690+/-0.046 χ^2/NDF: 5932.8/37

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: 0.389+/-0.015 χ^2/NDF: 4198.6/14

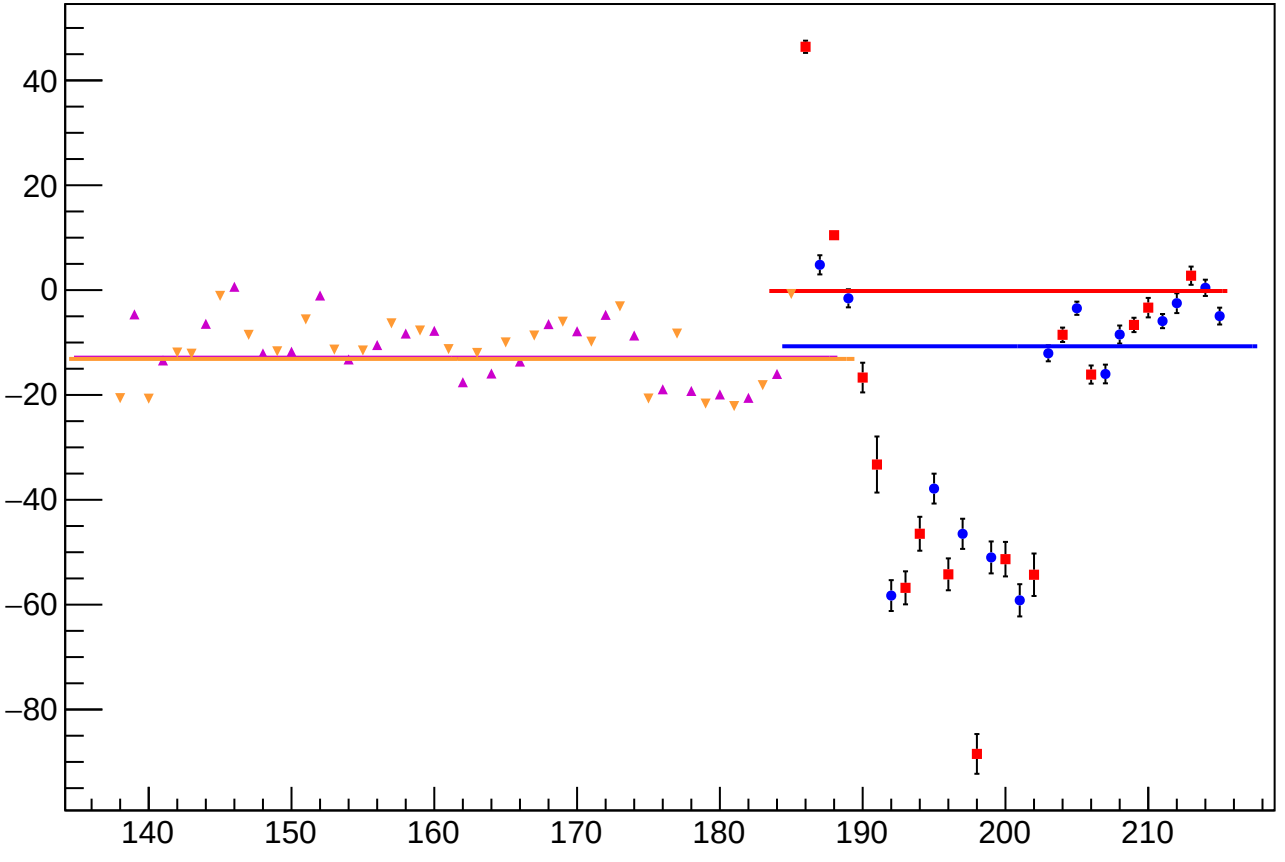
Left In: 0.307+/-0.002 χ^2/NDF:1699.5/22

+ sign 0.303+/-0.002 χ^2/NDF: 2538.0/39

All: 0.306+/-0.001 χ^2/NDF: 8466.6/77

- sign 0.309+/-0.002 χ^2/NDF: 5925.3/37

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: -0.172+/-0.467 χ^2/NDF: 3752.4/14

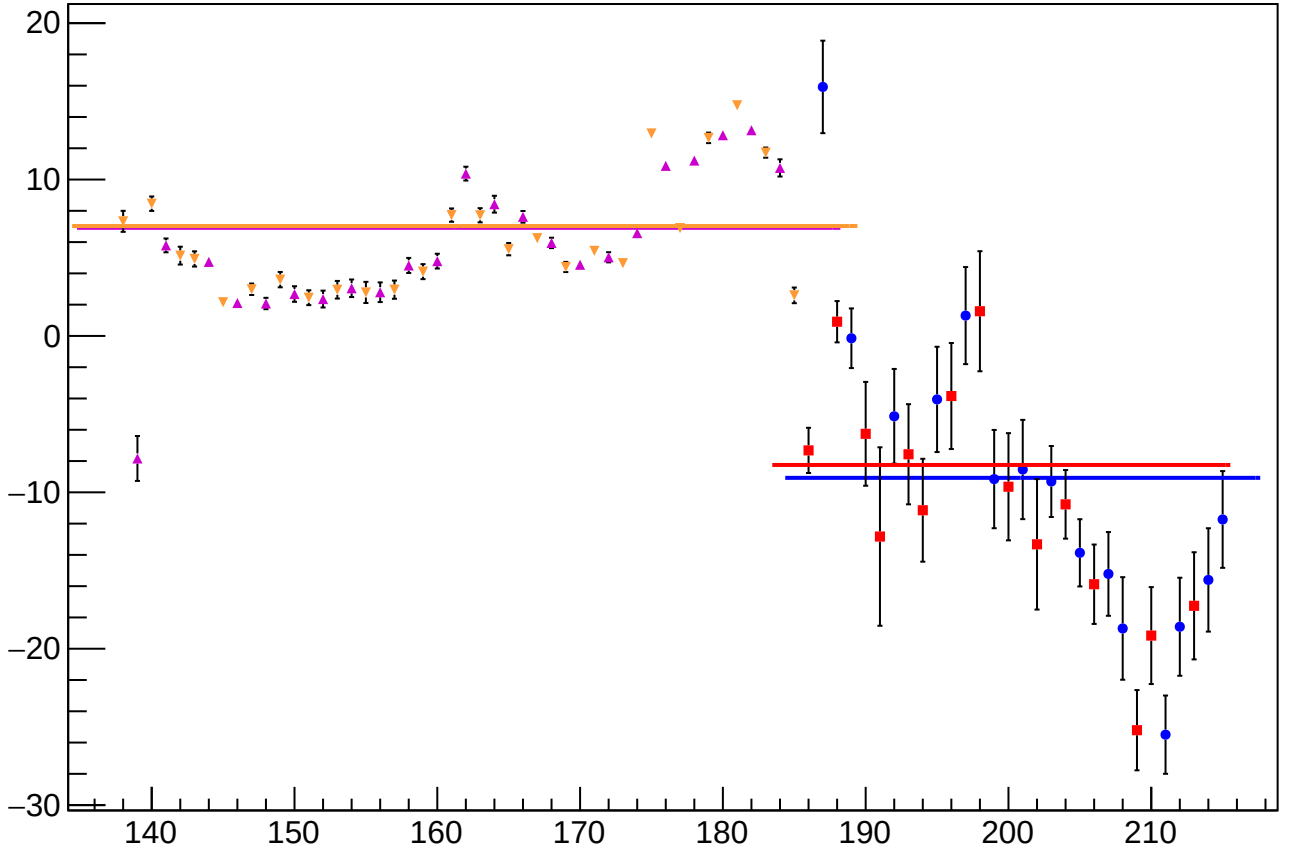
Left In: -12.885+/-0.095 χ^2/NDF:4776.2/22

+ sign -13.032+/-0.092 χ^2/NDF: 7173.4/39

All: -12.710+/-0.065 χ^2/NDF: 16439.3/77

- sign -12.379+/-0.093 χ^2/NDF: 9240.9/37

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: -8.250+/-0.650 χ^2/NDF: 133.6/14

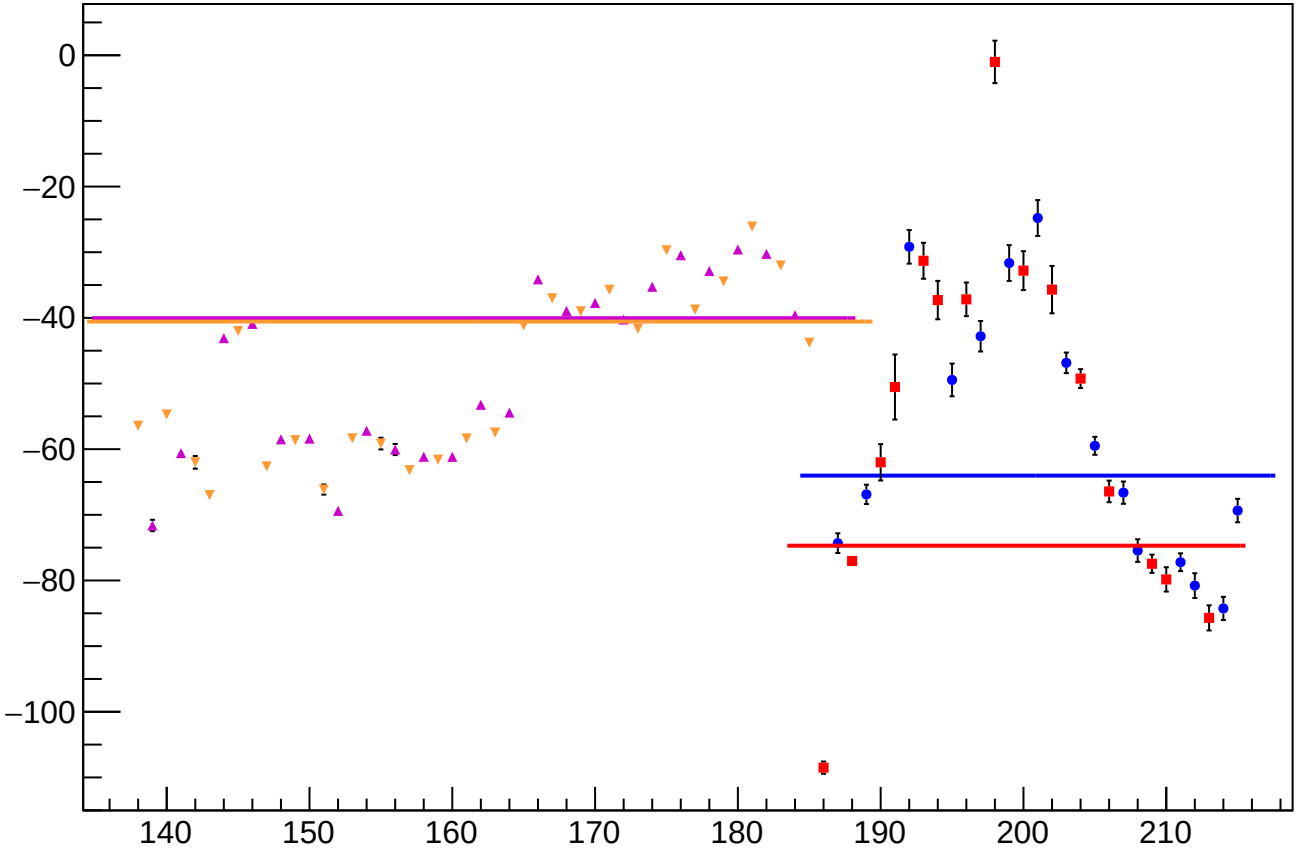
Left In: 6.914+/-0.078 χ^2/NDF:2428.2/22

+ sign 6.839+/-0.077 χ^2/NDF: 3359.8/39

All: 6.770+/-0.054 χ^2/NDF: 6459.7/77

- sign 6.700+/-0.077 χ^2/NDF: 3098.2/37

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: -74.703+/-0.418 χ^2/NDF: 3207.8/14

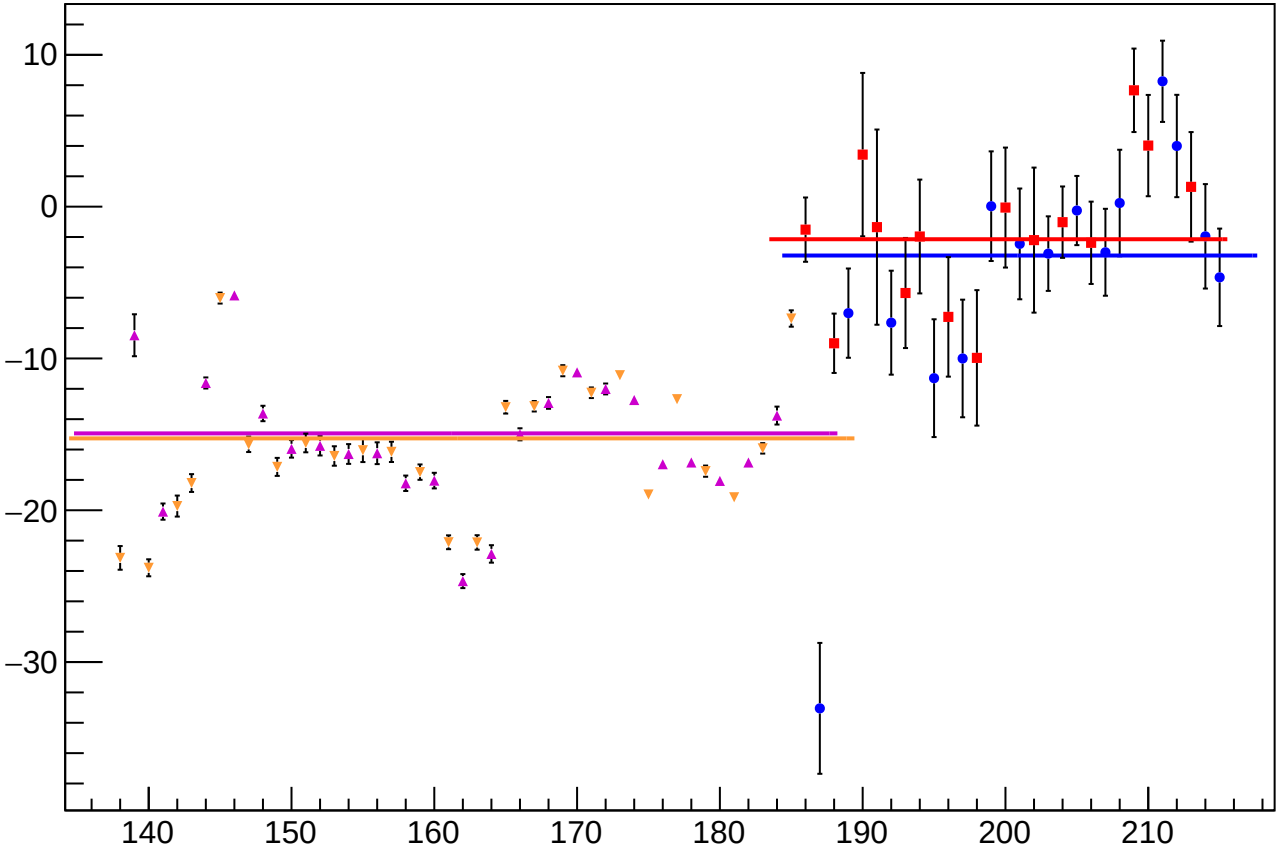
Left In: -40.053+/-0.096 χ^2/NDF:13927.3/22

+ sign -41.524+/-0.093 χ^2/NDF: 19344.2/39

All: -41.648+/-0.066 χ^2/NDF: 42997.7/77

- sign -41.774+/-0.093 χ^2/NDF: 23650.0/37

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: -2.146+/-0.809 χ^2/NDF: 36.8/14

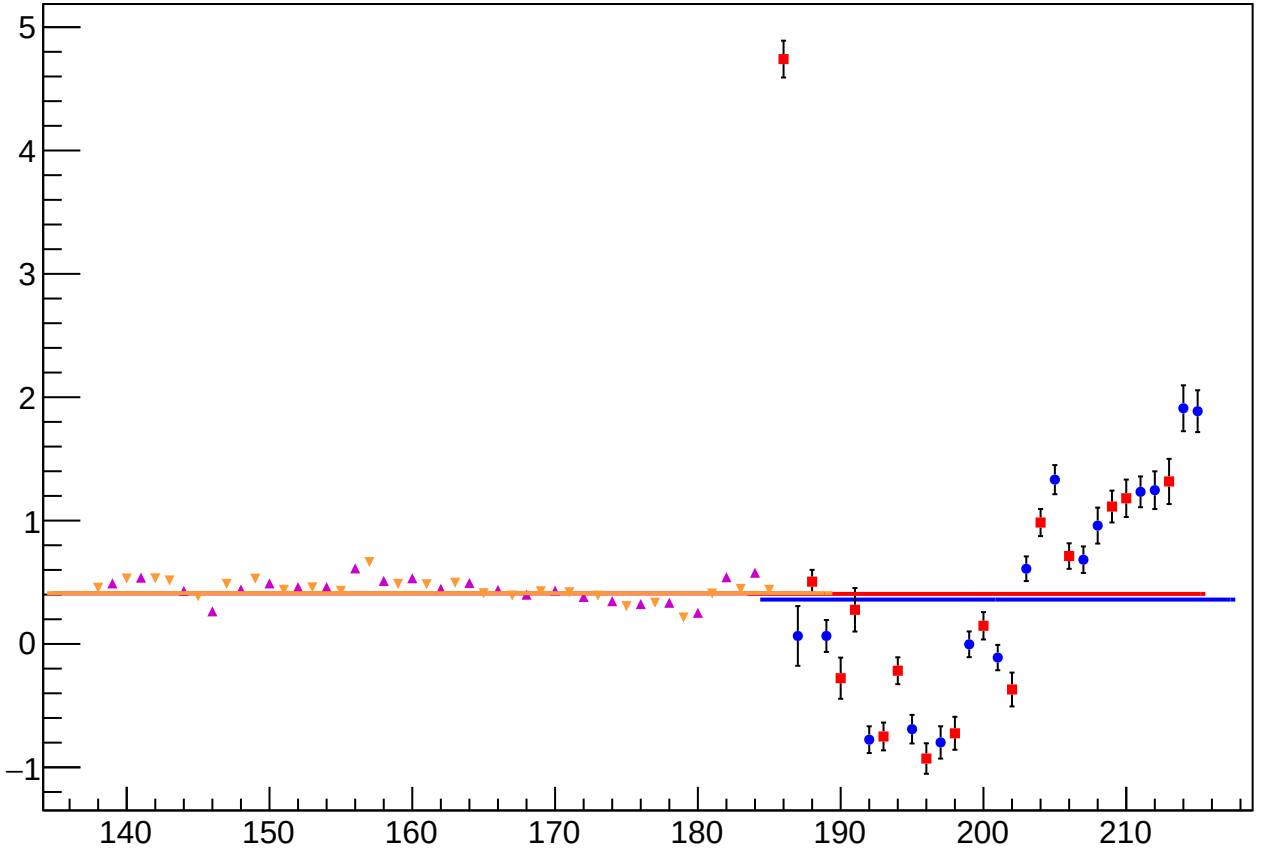
Left In: -14.936+/-0.087 χ^2/NDF:2199.7/22

\+ sign -15.133+/-0.085 χ^2/NDF: 2897.7/39

All: -14.963+/-0.061 χ^2/NDF: 5389.3/77

\- sign -14.790+/-0.086 χ^2/NDF: 2483.7/37

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: 0.406+/-0.032 χ^2/NDF: 1341.5/14

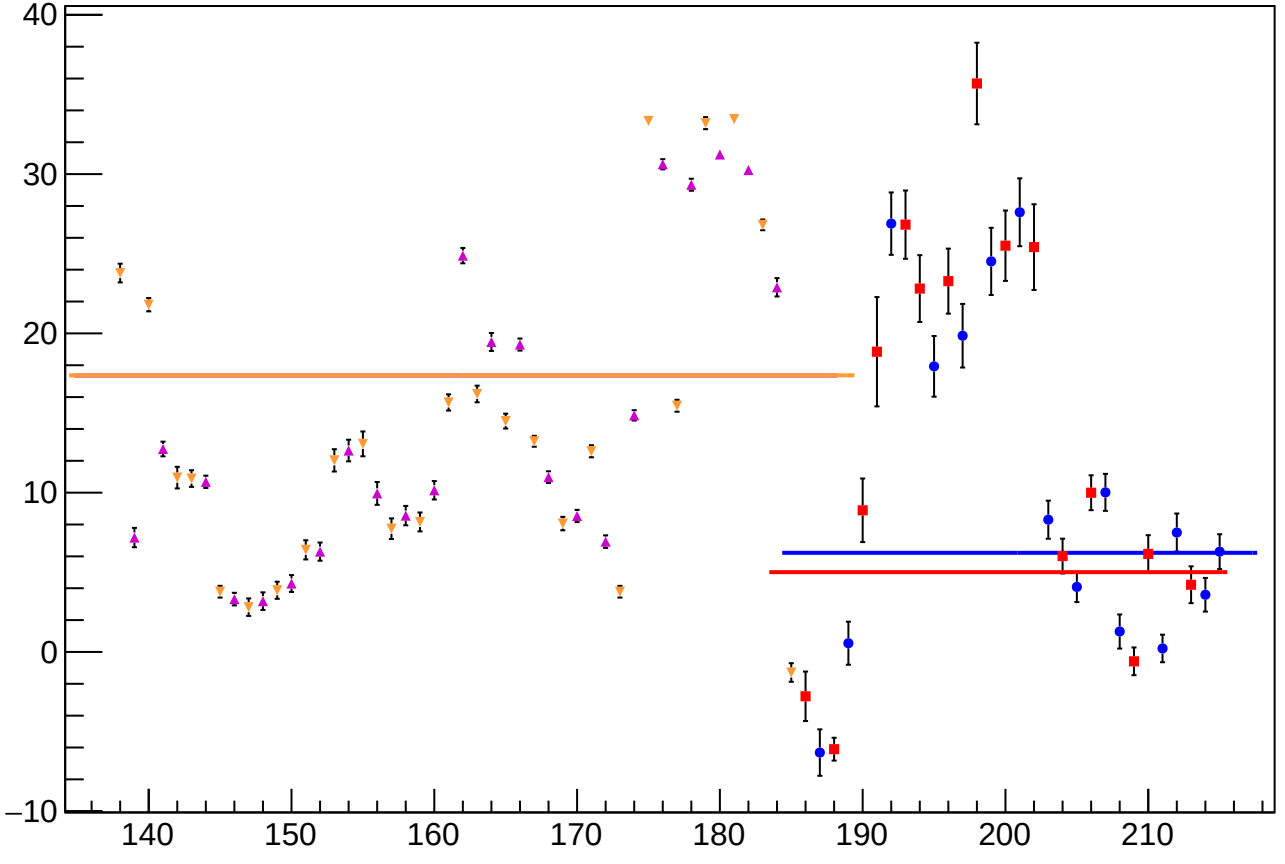
Left In: 0.409+/-0.004 χ^2/NDF:557.8/22

\+ sign 0.411+/-0.004 χ^2/NDF: 1073.8/39

All: 0.410+/-0.003 χ^2/NDF: 2973.2/77

\- sign 0.409+/-0.004 χ^2/NDF: 1899.3/37

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: 5.009+/-0.346 χ^2/NDF: 892.9/14

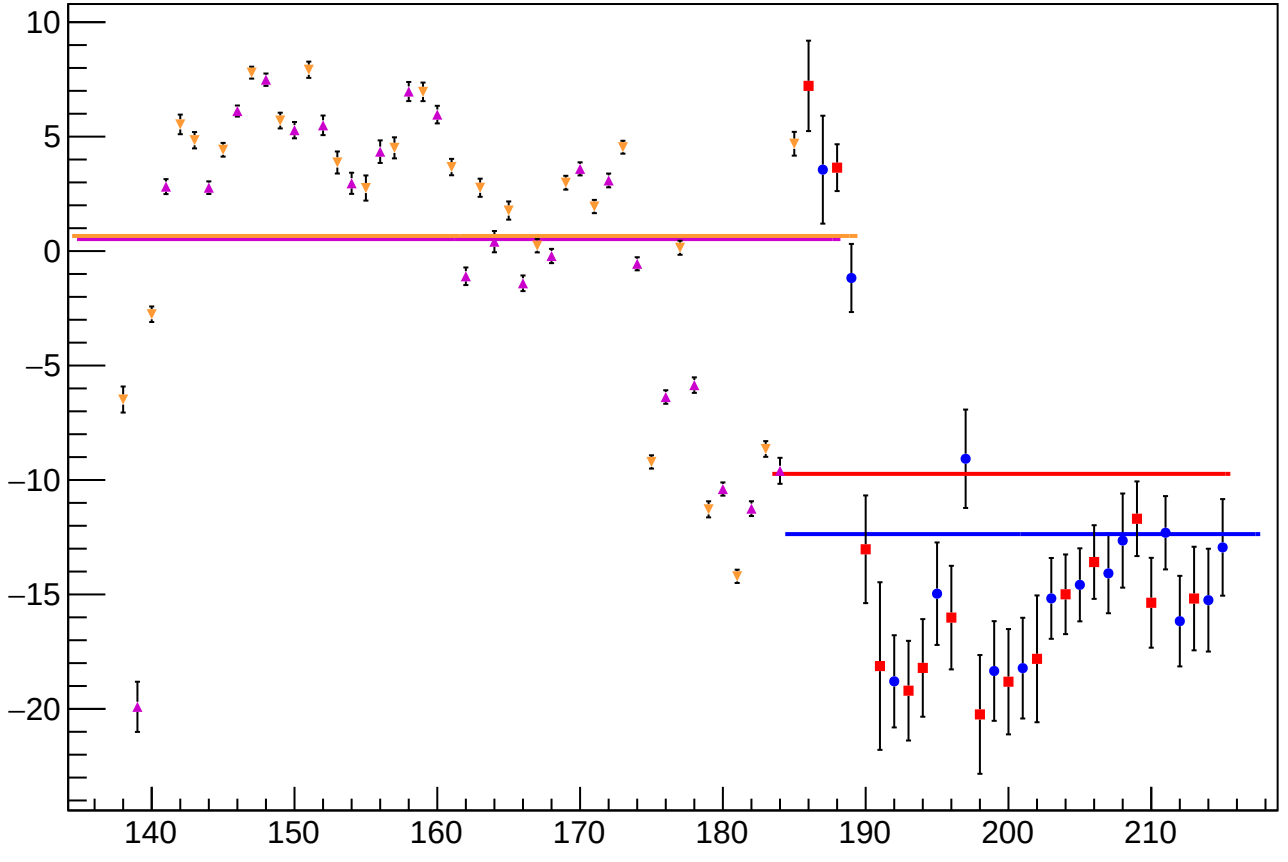
Left In: 17.355+/-0.089 χ^2/NDF:12745.1/22

+ sign 16.623+/-0.084 χ^2/NDF: 17989.5/39

All: 16.608+/-0.060 χ^2/NDF: 32820.1/77

- sign 16.592+/-0.086 χ^2/NDF: 14830.5/37

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: -9.732+/-0.493 χ^2/NDF: 365.2/14

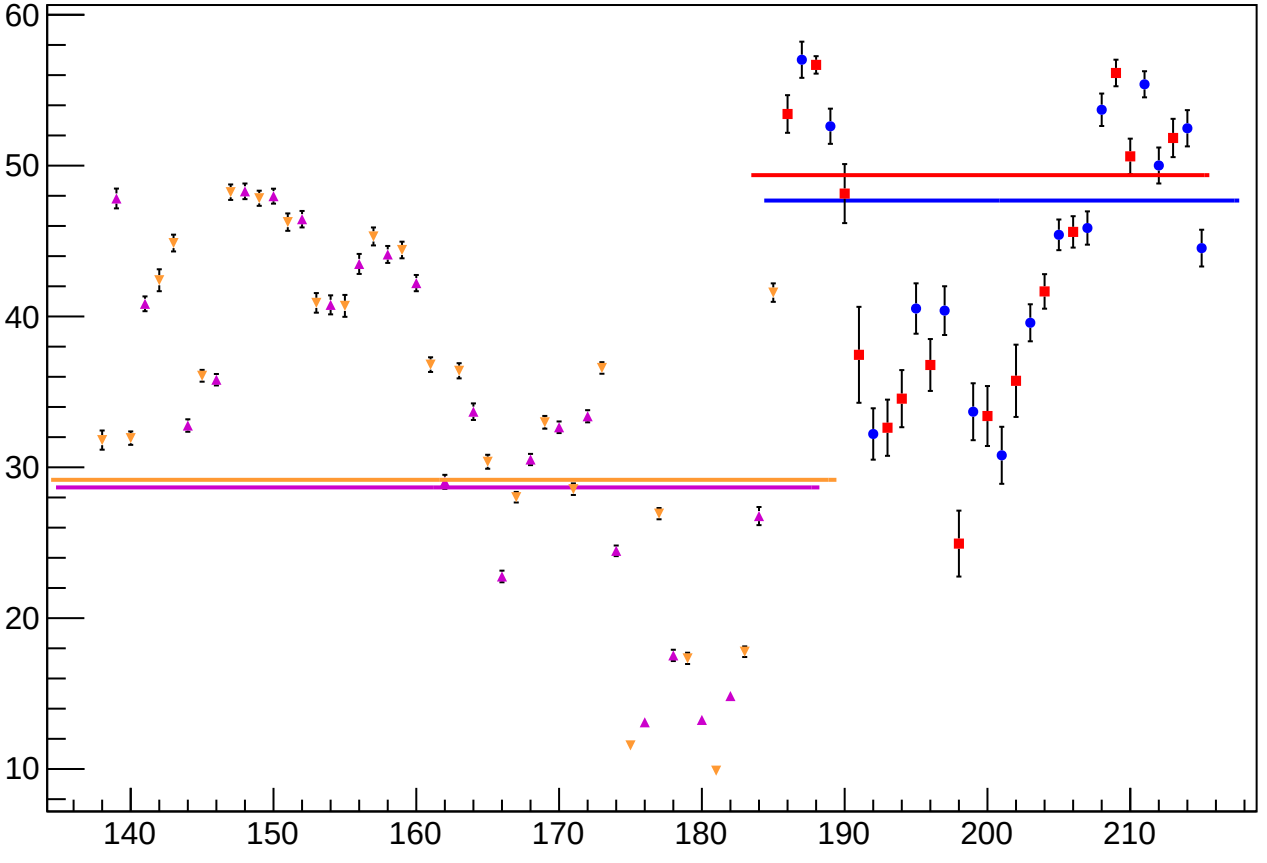
Left In: 0.524+/-0.071 χ^2/NDF:6729.7/22

+ sign 0.411+/-0.069 χ^2/NDF: 9370.9/39

All: 0.365+/-0.049 χ^2/NDF: 16890.1/77

- sign 0.317+/-0.070 χ^2/NDF: 7518.3/37

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: 49.369+/-0.319 χ^2/NDF: 724.3/14

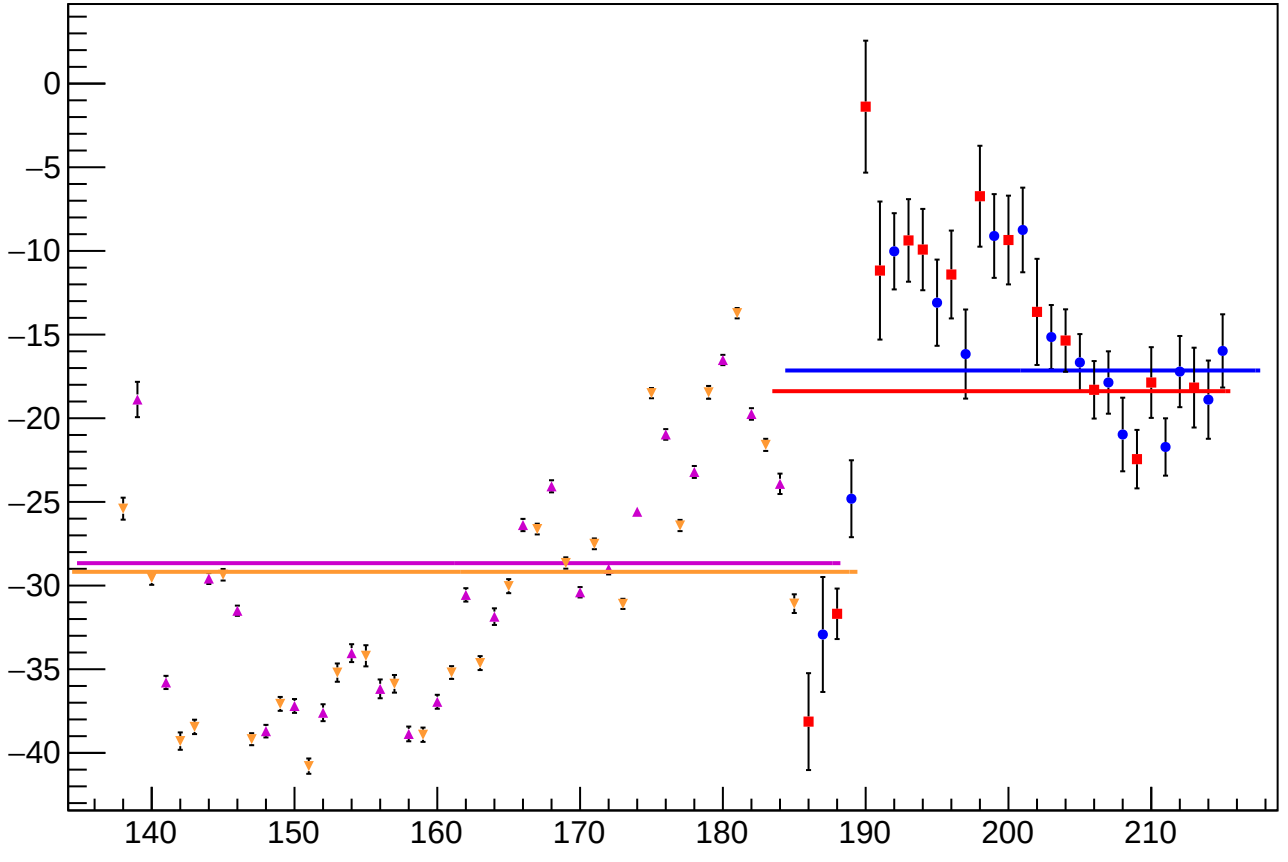
Left In: 28.667+/-0.089 χ^2/NDF:16847.2/22

+ sign 30.470+/-0.085 χ^2/NDF: 22619.3/39

All: 30.322+/-0.060 χ^2/NDF: 44113.0/77

- sign 30.170+/-0.086 χ^2/NDF: 21487.5/37

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: -18.383+/-0.591 χ^2/NDF: 215.3/14

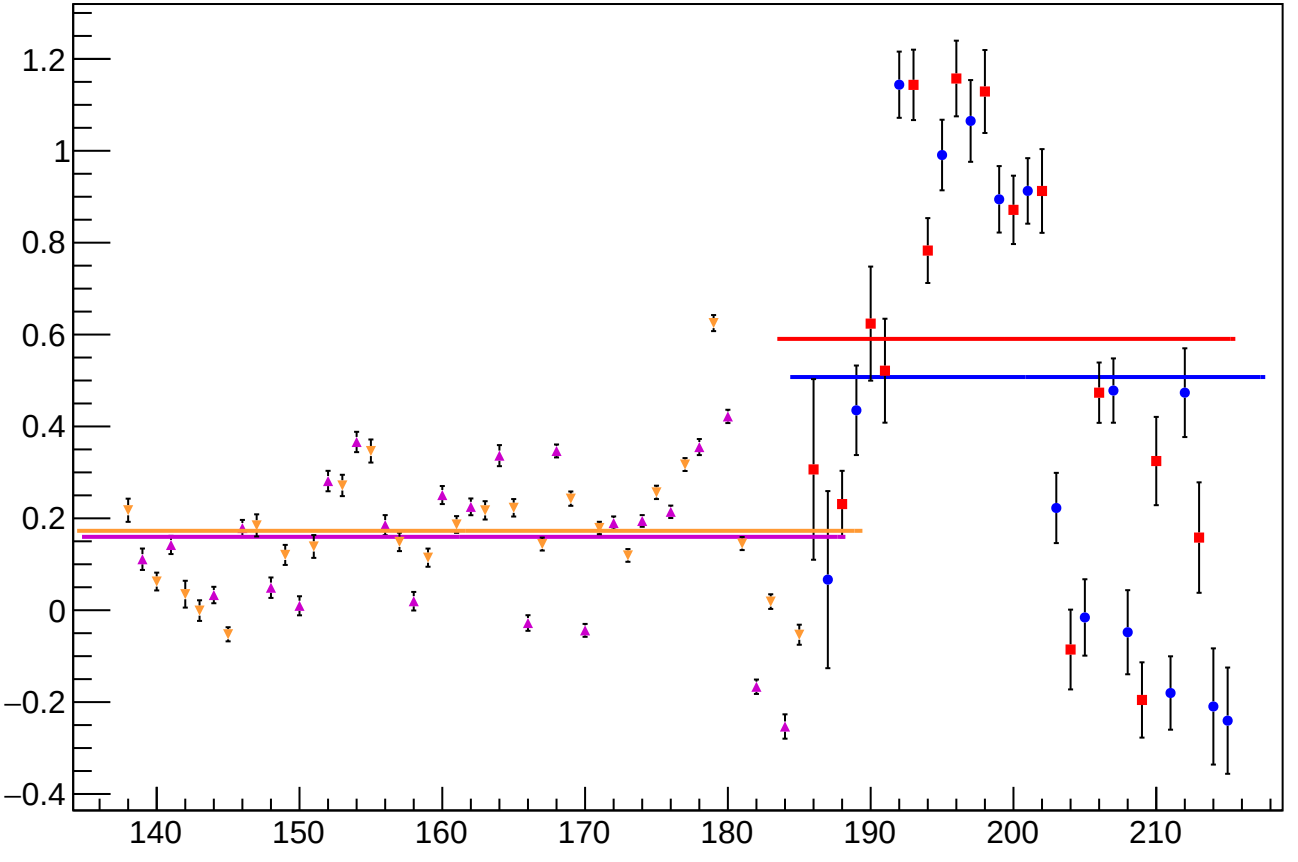
Left In: -28.660+/-0.080 χ^2/NDF:6670.1/22

\+ sign -28.951+/-0.077 χ^2/NDF: 9606.2/39

All: -28.719+/-0.055 χ^2/NDF: 16807.2/77

\- sign -28.476+/-0.079 χ^2/NDF: 7182.6/37

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

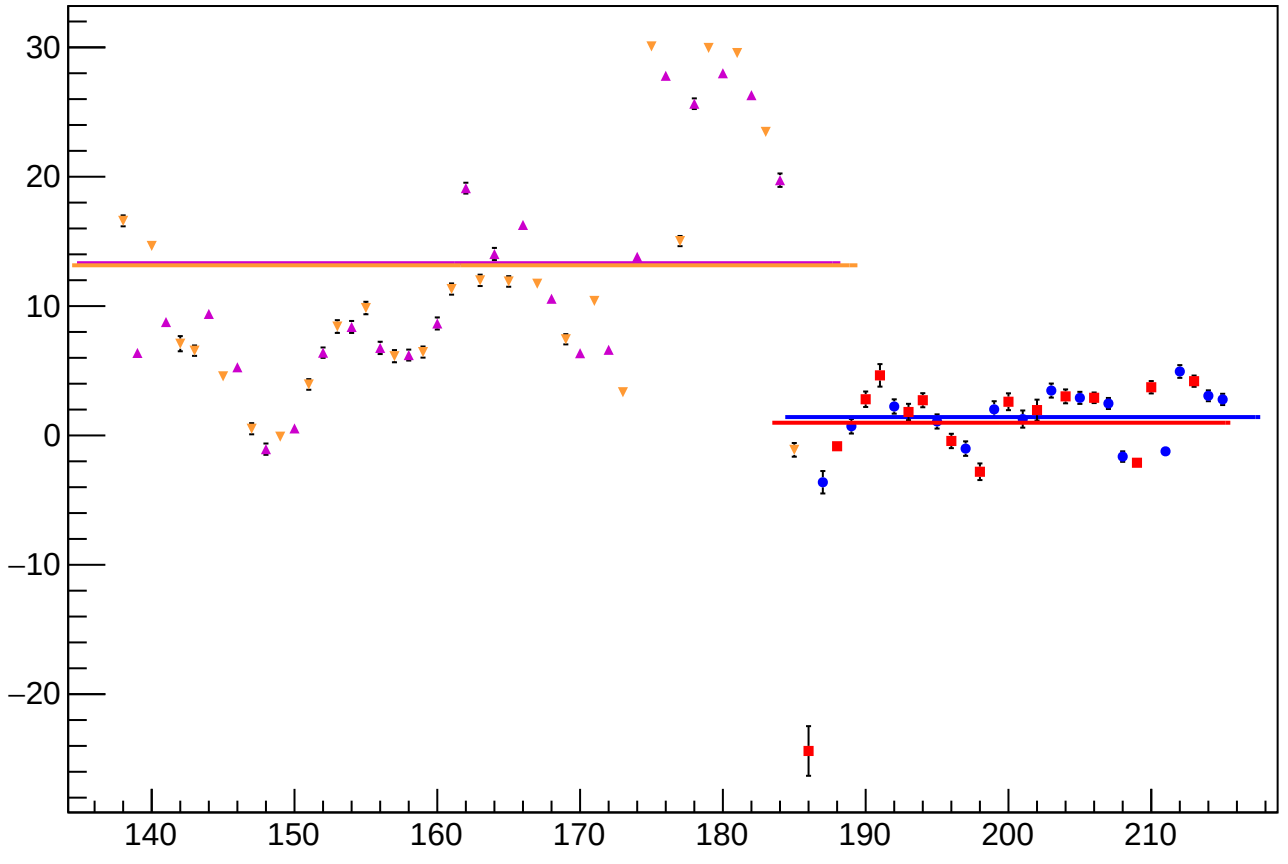
Right Out: 0.591+/-0.022 χ^2/NDF: 372.8/14

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: 4959.8/77

- sign 0.171+/-0.004 χ^2/NDF: 2791.1/37



Right In: 1.420+/-0.129 χ^2/NDF: 269.1/14

Left Out: 13.153+/-0.075 χ^2/NDF:17079.7/24

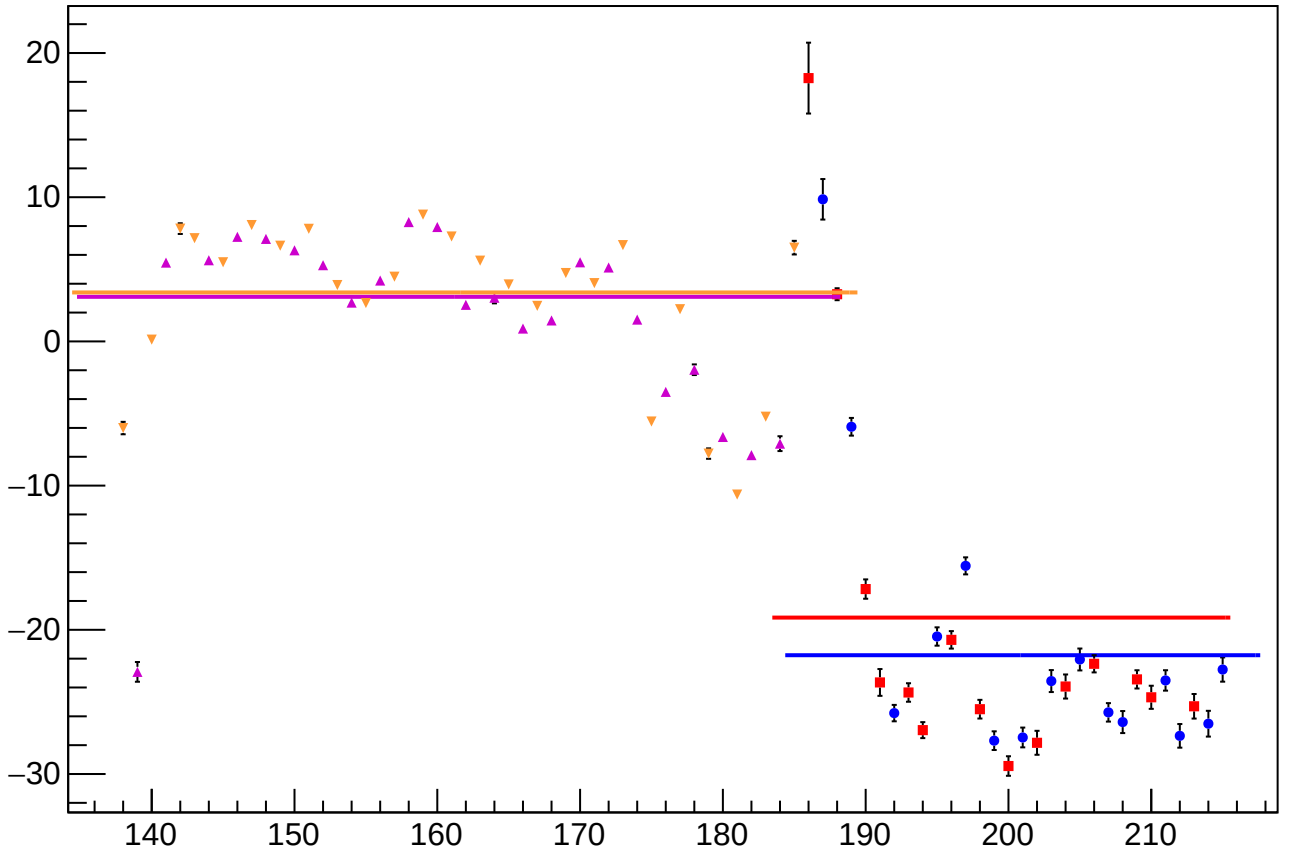
Right Out: 0.983+/-0.129 χ^2/NDF: 512.0/14

Left In: 13.315+/-0.077 χ^2/NDF:13977.7/22

+ sign 10.162+/-0.065 χ^2/NDF: 23551.3/39

All: 10.113+/-0.046 χ^2/NDF: 44790.4/77

- sign 10.062+/-0.066 χ^2/NDF: 21237.9/37



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: -19.152+/-0.173 χ^2/NDF: 4105.5/14

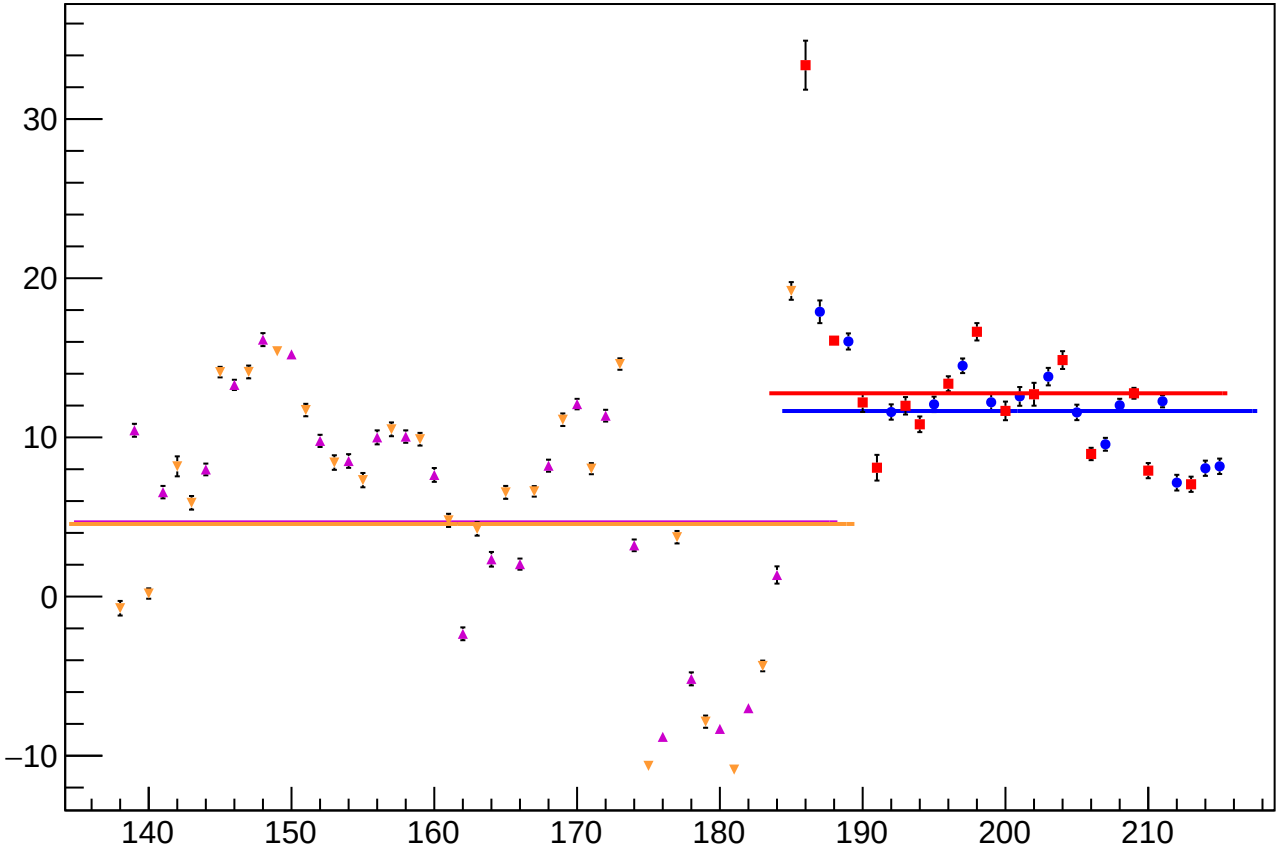
Left In: 3.092+/-0.061 χ^2/NDF:7104.4/22

+ sign 1.072+/-0.056 χ^2/NDF: 26905.7/39

All: 0.872+/-0.040 χ^2/NDF: 52883.4/77

- sign 0.661+/-0.057 χ^2/NDF: 25951.1/37

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: 12.771+/-0.118 χ^2/NDF: 852.9/14

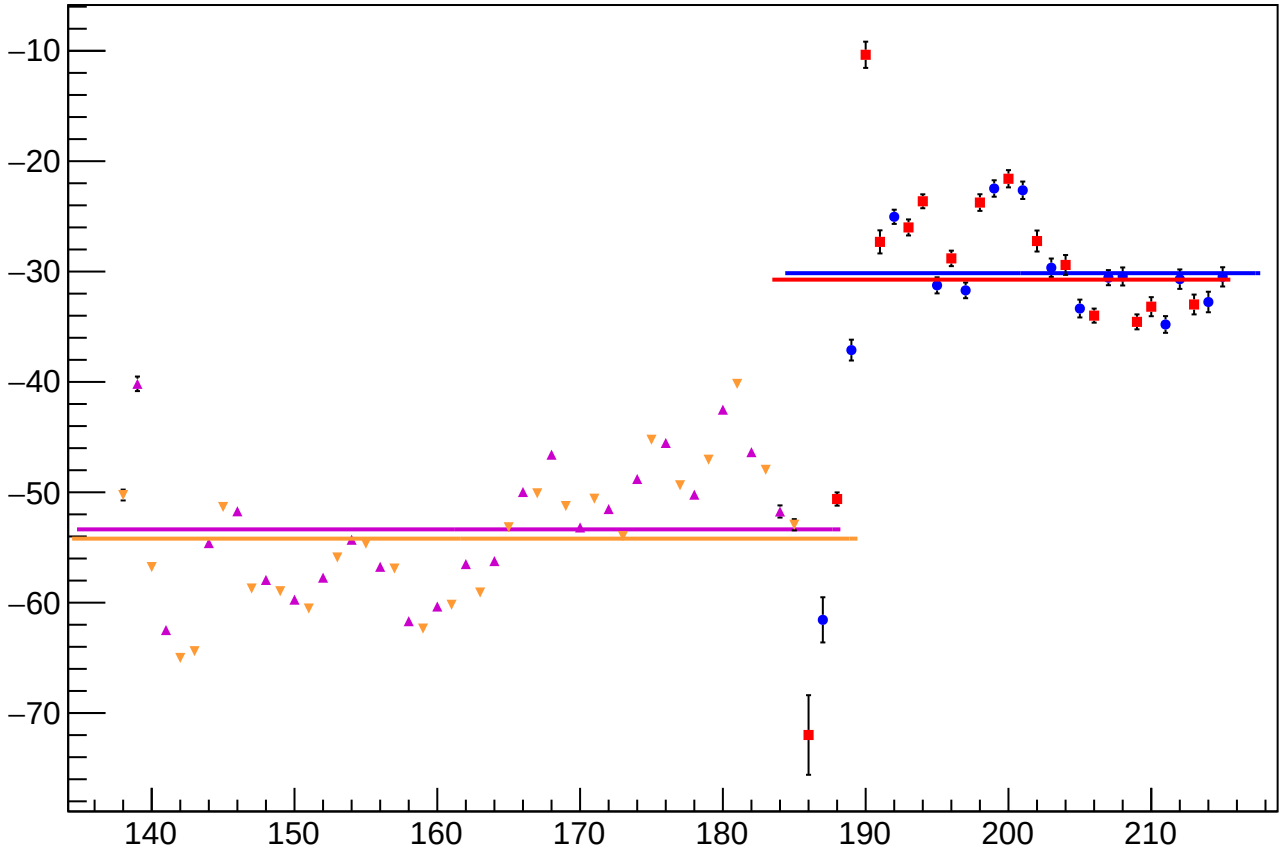
Left In: 4.662+/-0.077 χ^2/NDF:11281.5/22

+ sign 6.463+/-0.065 χ^2/NDF: 16396.5/39

All: 6.762+/-0.046 χ^2/NDF: 31871.5/77

- sign 7.061+/-0.064 χ^2/NDF: 15431.9/37

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

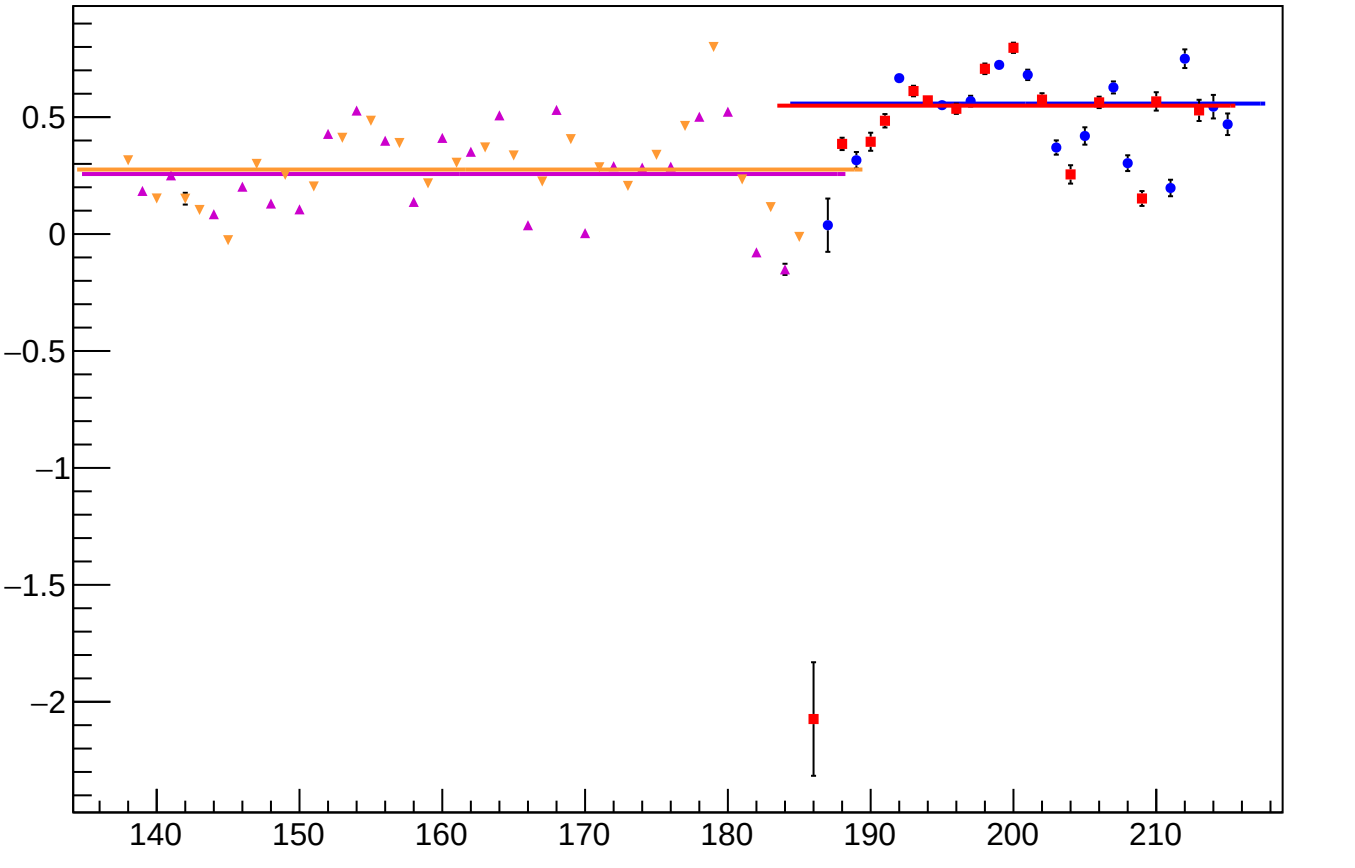
Right Out: -30.732+/-0.205 χ^2/NDF: 2023.8/14

Left In: -53.359+/-0.068 χ^2/NDF:6882.0/22

+ sign -51.972+/-0.063 χ^2/NDF: 21227.2/39

All: -51.538+/-0.045 χ^2/NDF: 41218.5/77

- sign -51.081+/-0.065 χ^2/NDF: 19894.8/37



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: 0.549+/-0.007 χ^2/NDF: 575.1/14

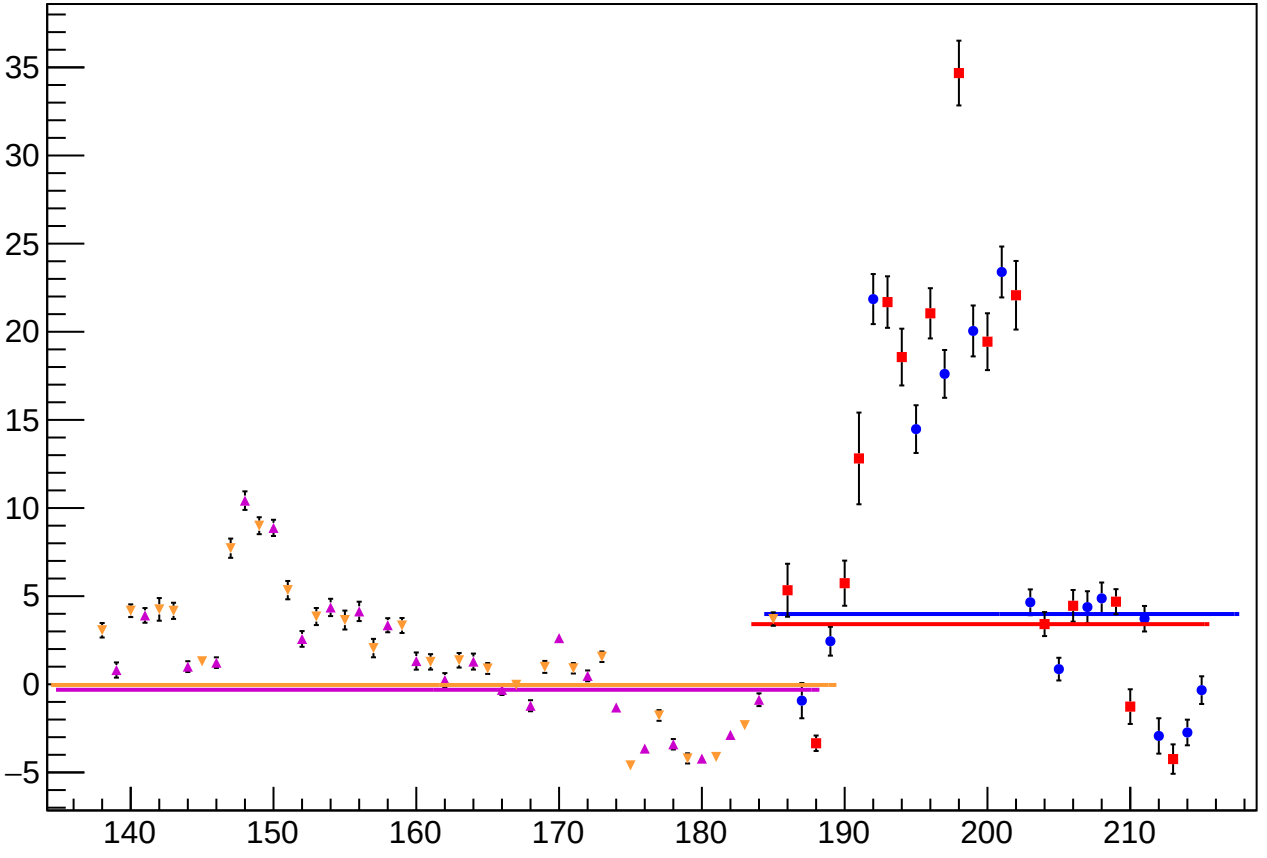
Left In: 0.257+/-0.003 χ^2/NDF:3623.9/22

\+ sign 0.317+/-0.003 χ^2/NDF: 4286.8/39

All: 0.310+/-0.002 χ^2/NDF: 9939.0/77

\- sign 0.304+/-0.003 χ^2/NDF: 5643.0/37

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: 3.413+/-0.246 χ^2/NDF: 1244.3/14

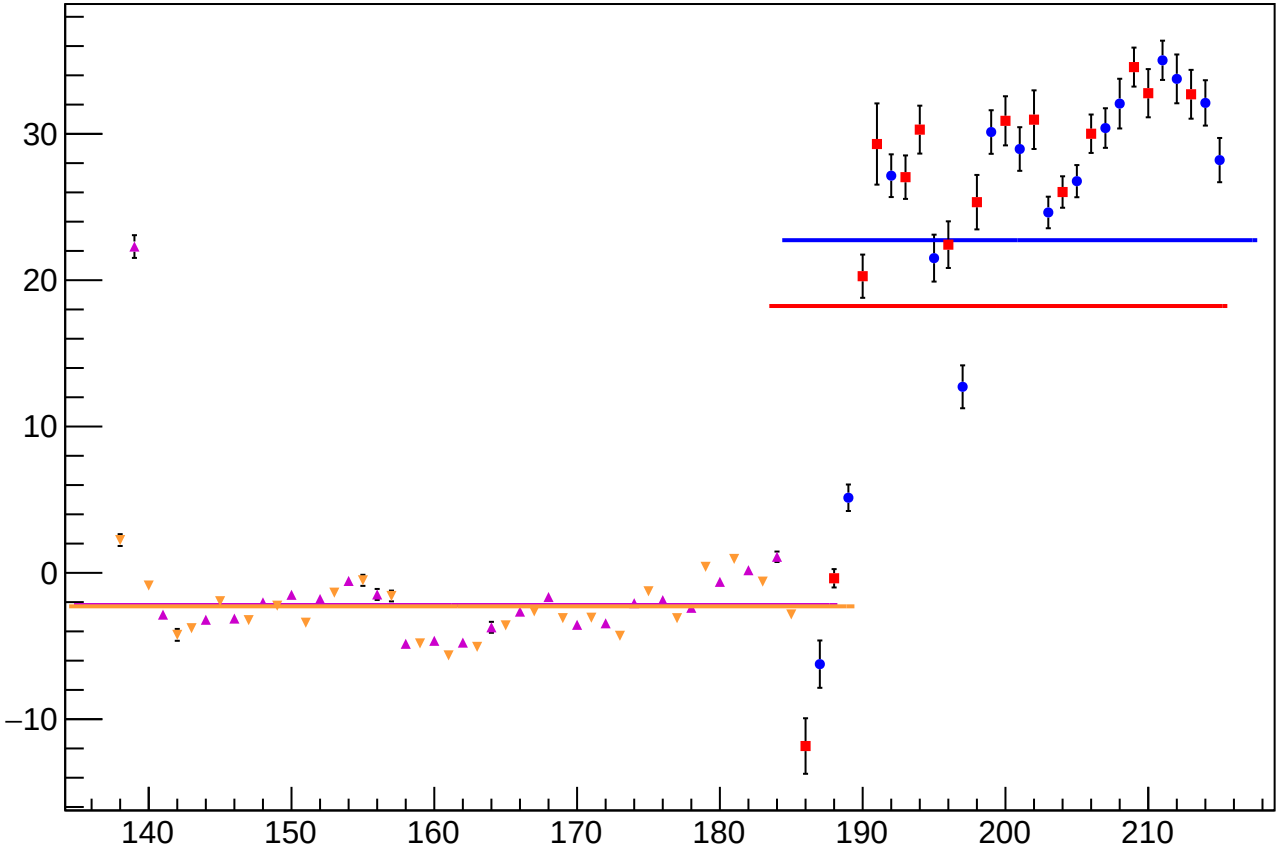
Left In: -0.310+/-0.067 χ^2/NDF:2250.5/22

+ sign 0.258+/-0.064 χ^2/NDF: 3750.5/39

All: 0.107+/-0.045 χ^2/NDF: 7470.0/77

- sign -0.051+/-0.065 χ^2/NDF: 3707.9/37

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

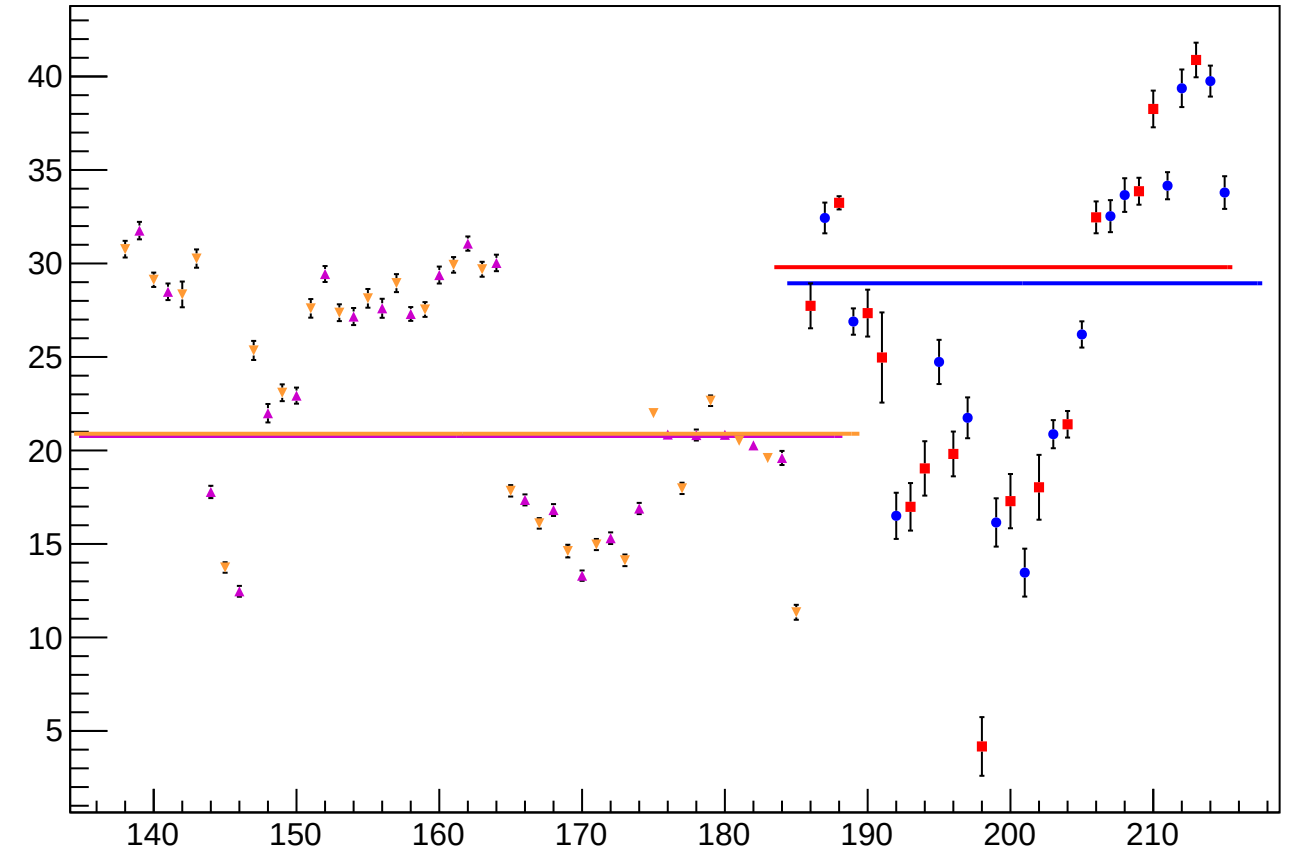
Right Out: 18.235+/-0.348 χ^2/NDF: 1791.5/14

Left In: -2.198+/-0.055 χ^2/NDF:1673.9/22

\+ sign -1.702+/-0.054 χ^2/NDF: 7190.7/39

All: -1.701+/-0.038 χ^2/NDF: 14017.4/77

\- sign -1.699+/-0.054 χ^2/NDF: 6826.6/37



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: 29.802+/-0.224 χ^2/NDF: 1117.4/14

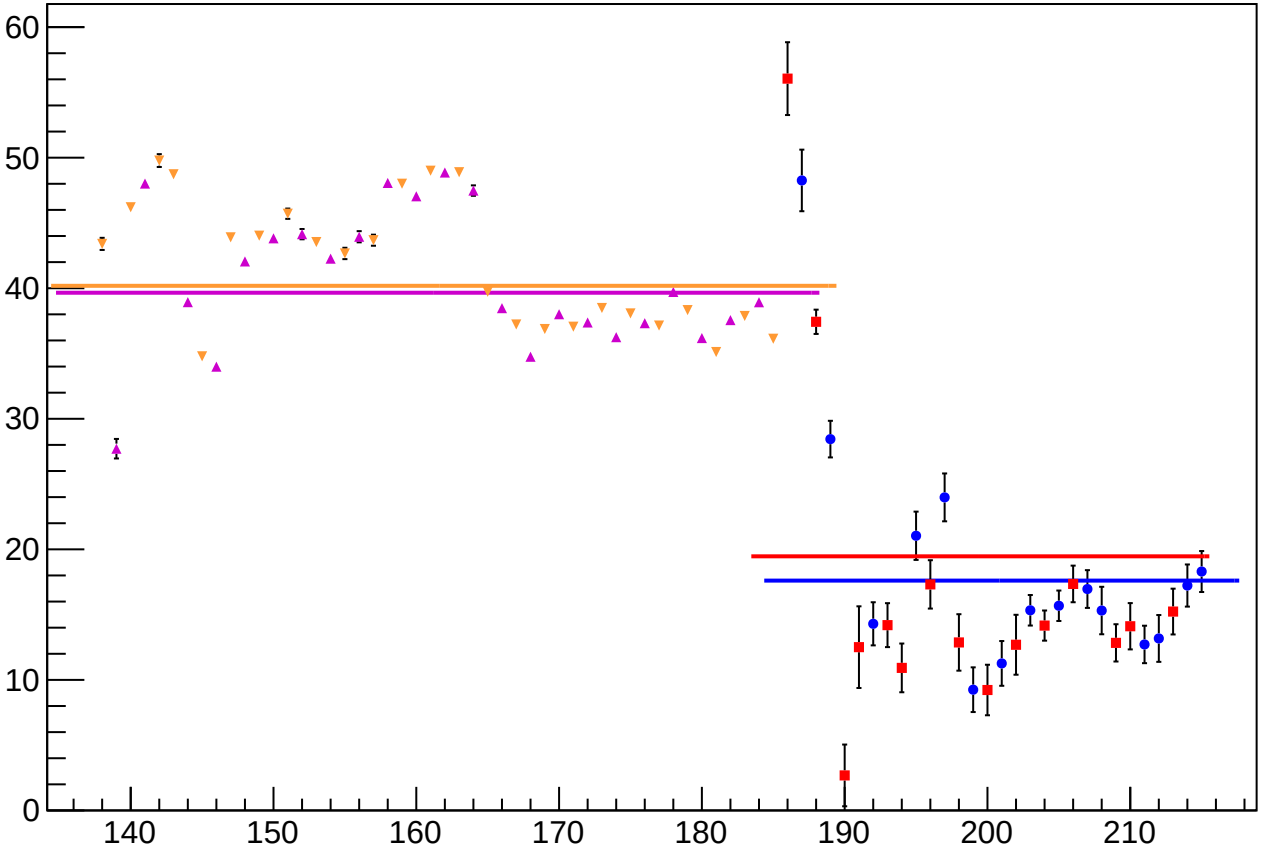
Left In: 20.774+/-0.068 χ^2/NDF:5927.9/22

+ sign 21.520+/-0.064 χ^2/NDF: 8751.8/39

All: 21.524+/-0.046 χ^2/NDF: 17288.9/77

- sign 21.528+/-0.065 χ^2/NDF: 8537.2/37

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: 19.465+/-0.424 χ^2/NDF: 738.5/14

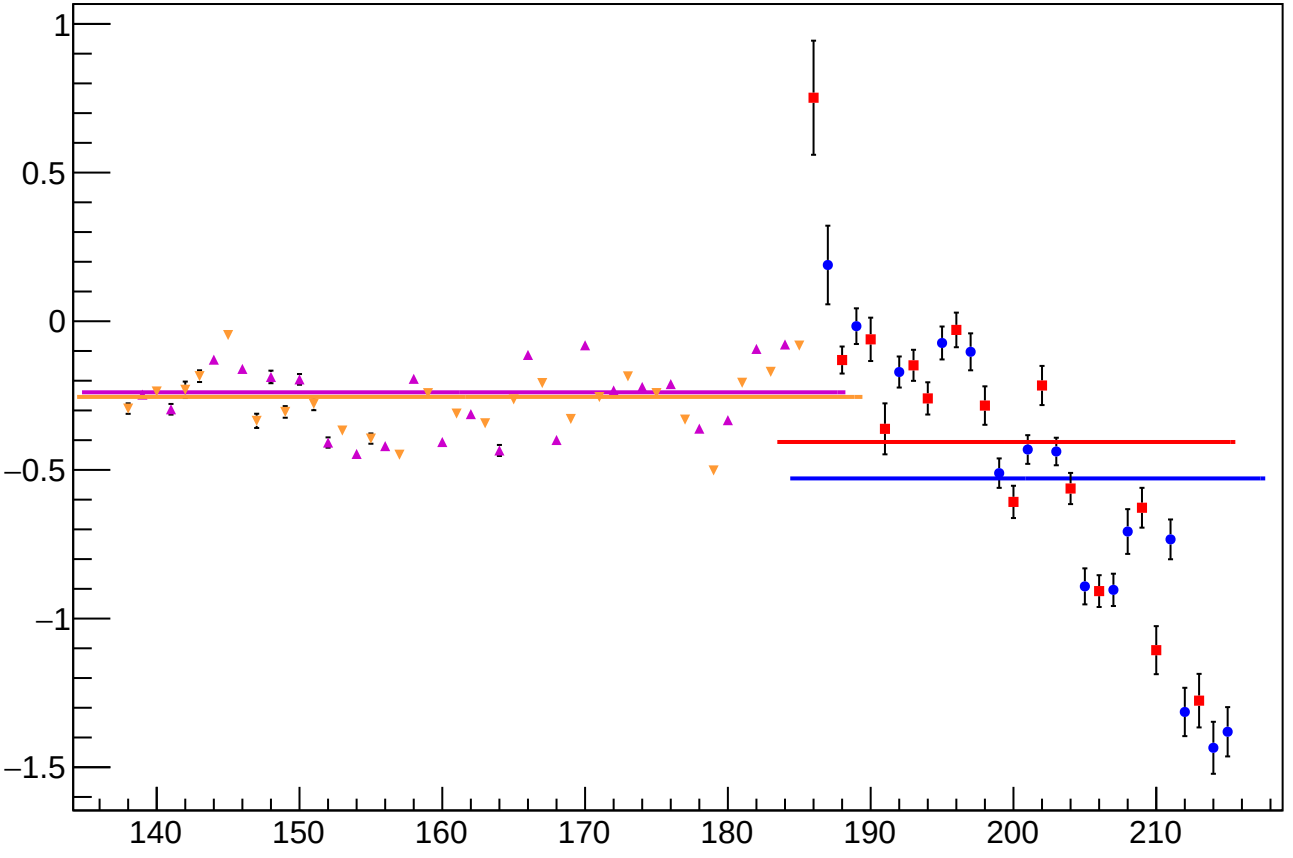
Left In: 39.655+/-0.061 χ^2/NDF:5298.6/22

+ sign 39.690+/-0.060 χ^2/NDF: 9317.2/39

All: 39.469+/-0.043 χ^2/NDF: 17602.2/77

- sign 39.240+/-0.061 χ^2/NDF: 8257.2/37

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



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: -0.406+/-0.016 χ^2/NDF: 471.2/14

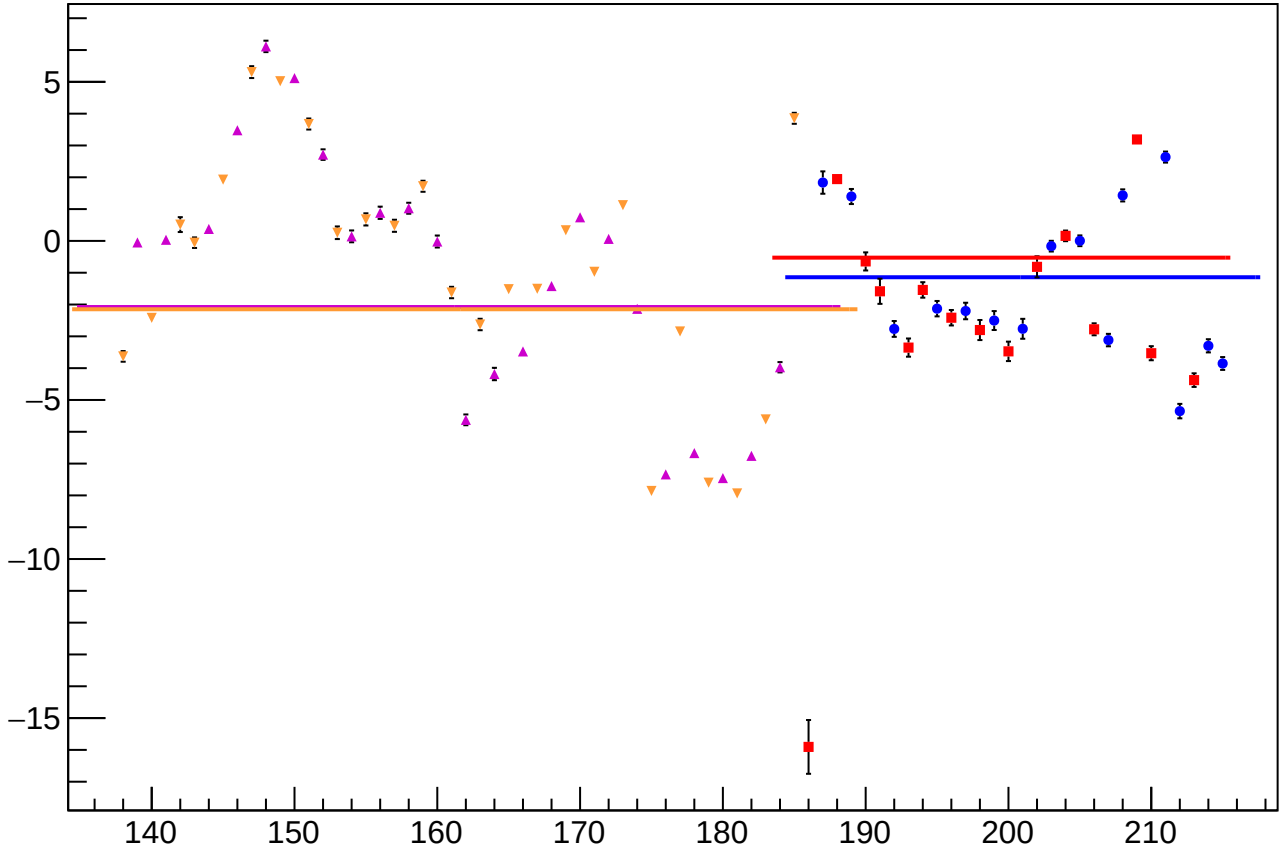
Left In: -0.239+/-0.003 χ^2/NDF:1750.5/22

+ sign -0.263+/-0.003 χ^2/NDF: 2390.7/39

All: -0.253+/-0.002 χ^2/NDF: 4740.7/77

- sign -0.244+/-0.003 χ^2/NDF: 2326.2/37

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: -0.526+/-0.055 χ^2/NDF: 2389.3/14

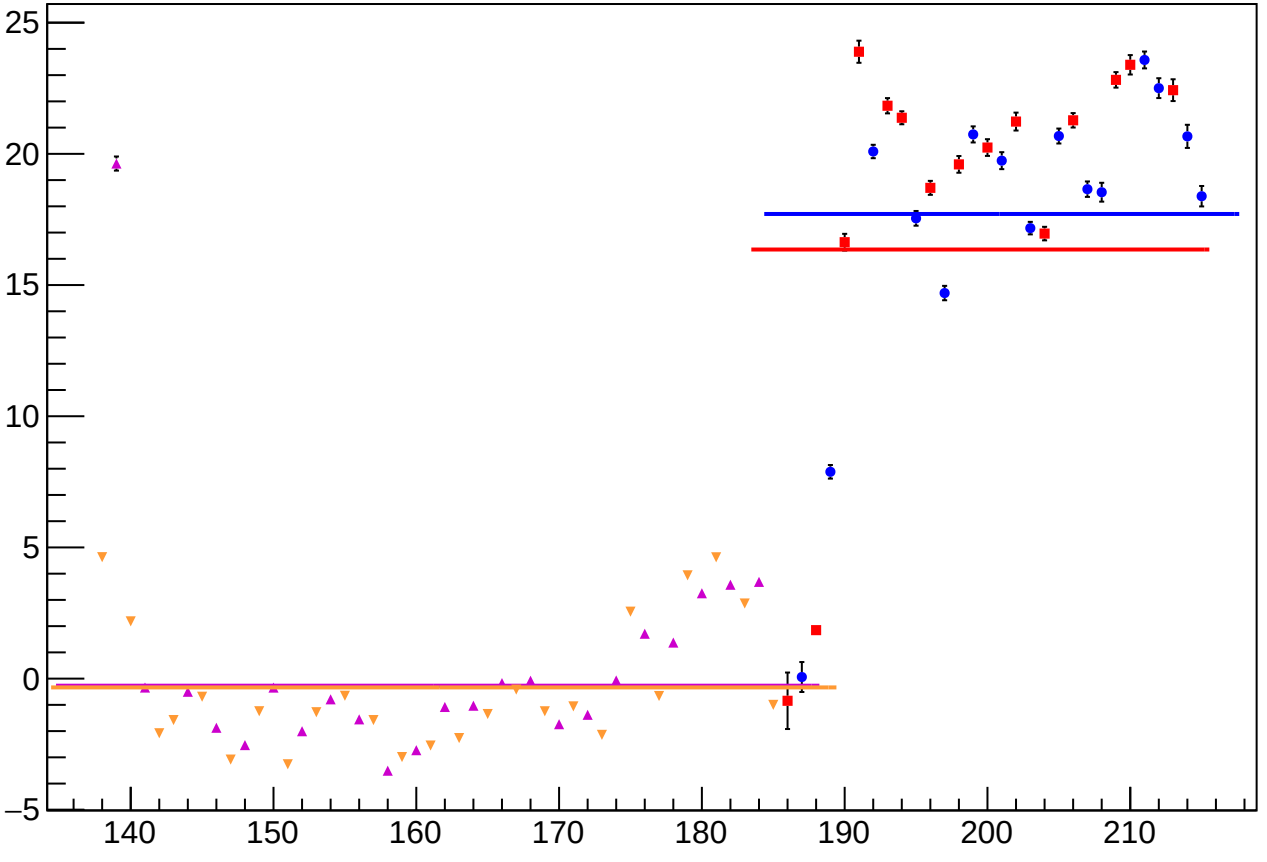
Left In: -2.078+/-0.026 χ^2/NDF:23245.8/22

+ sign -1.974+/-0.023 χ^2/NDF: 26582.2/39

All: -1.887+/-0.017 χ^2/NDF: 52887.8/77

- sign -1.797+/-0.024 χ^2/NDF: 26277.0/37

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: 16.354+/-0.075 χ^2/NDF: 11334.0/14

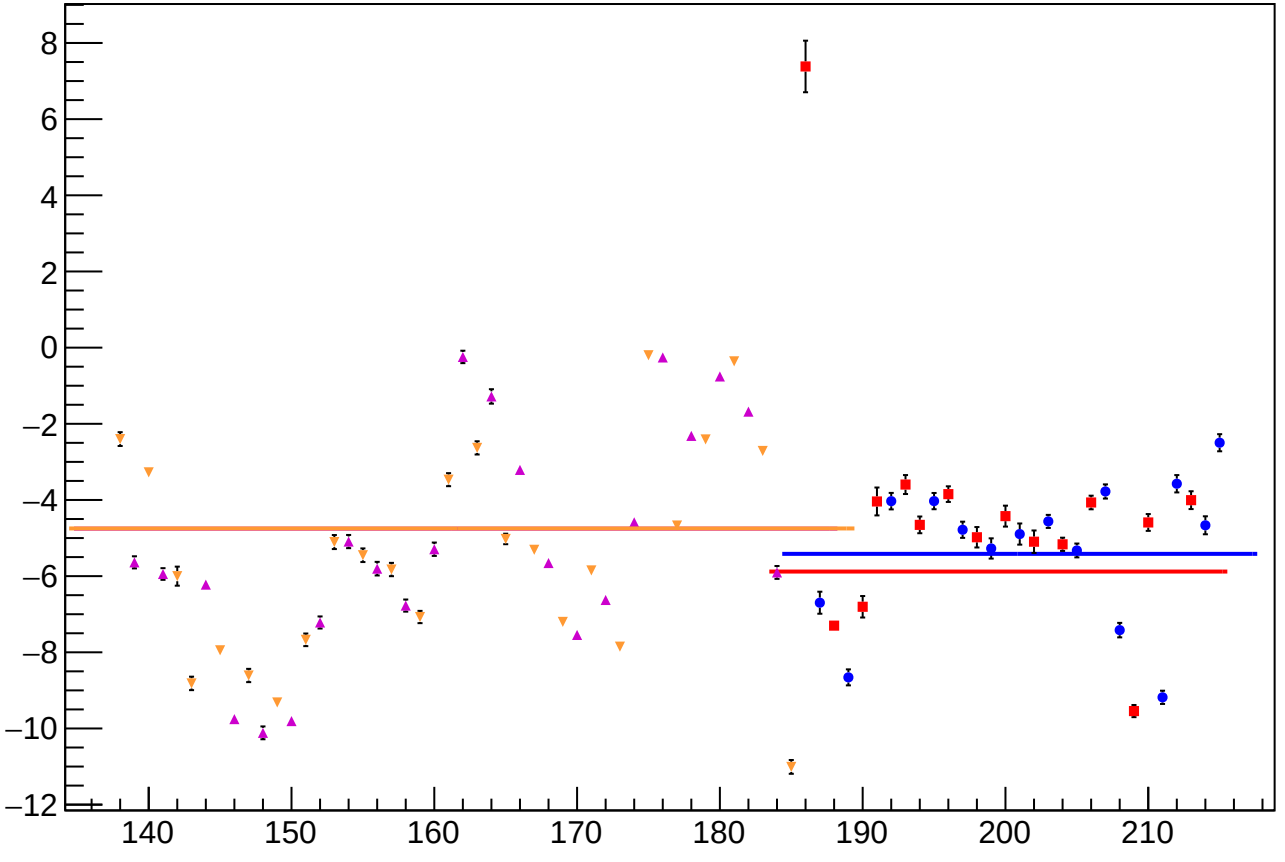
Left In: -0.269+/-0.021 χ^2/NDF:13323.1/22

+ sign 0.791+/-0.020 χ^2/NDF: 63942.5/39

All: 0.862+/-0.014 χ^2/NDF: 134253.0/77

- sign 0.935+/-0.020 χ^2/NDF: 70284.7/37

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



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: -5.880+/-0.051 χ^2/NDF: 1678.4/14

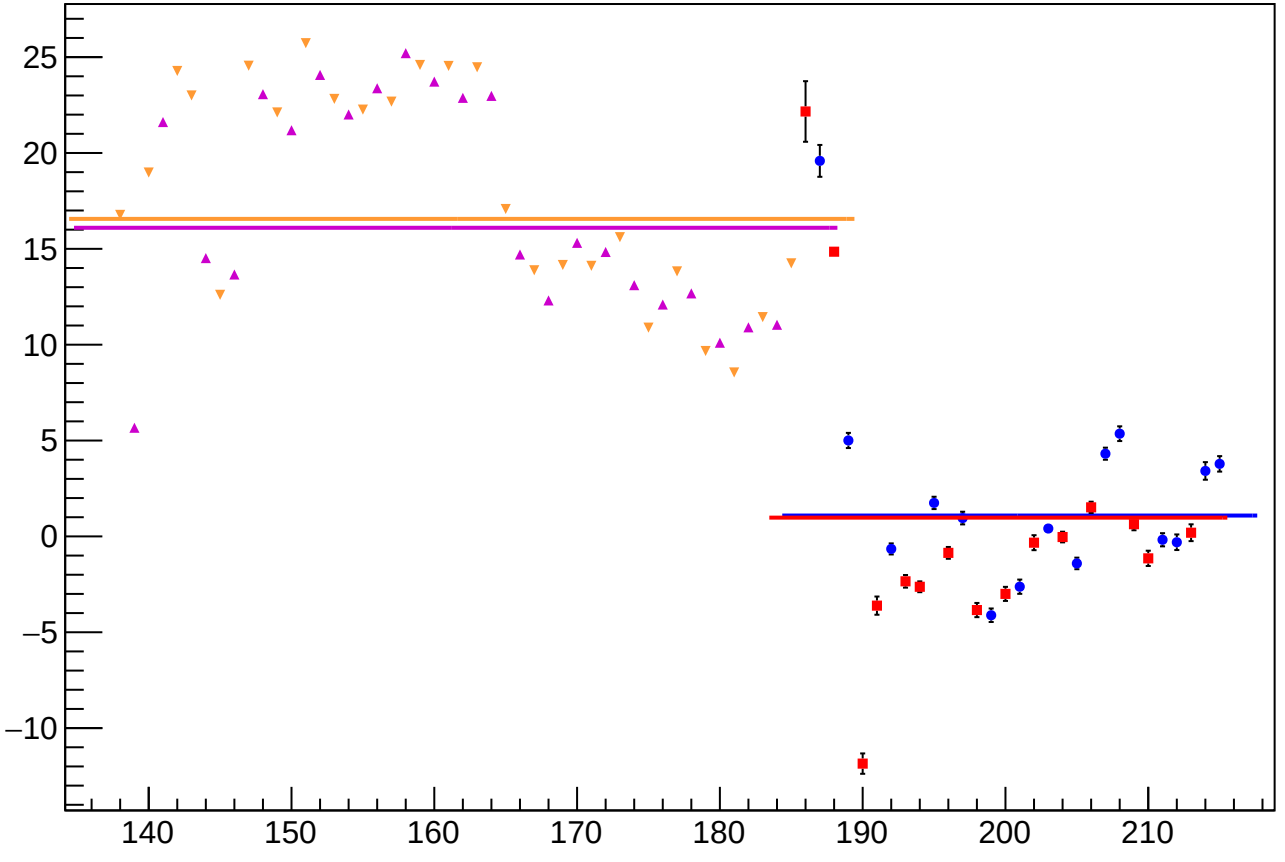
Left In: -4.753+/-0.026 χ^2/NDF:14119.2/22

+ sign -4.871+/-0.023 χ^2/NDF: 14691.5/39

All: -4.931+/-0.016 χ^2/NDF: 30893.3/77

- sign -4.990+/-0.023 χ^2/NDF: 16188.6/37

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

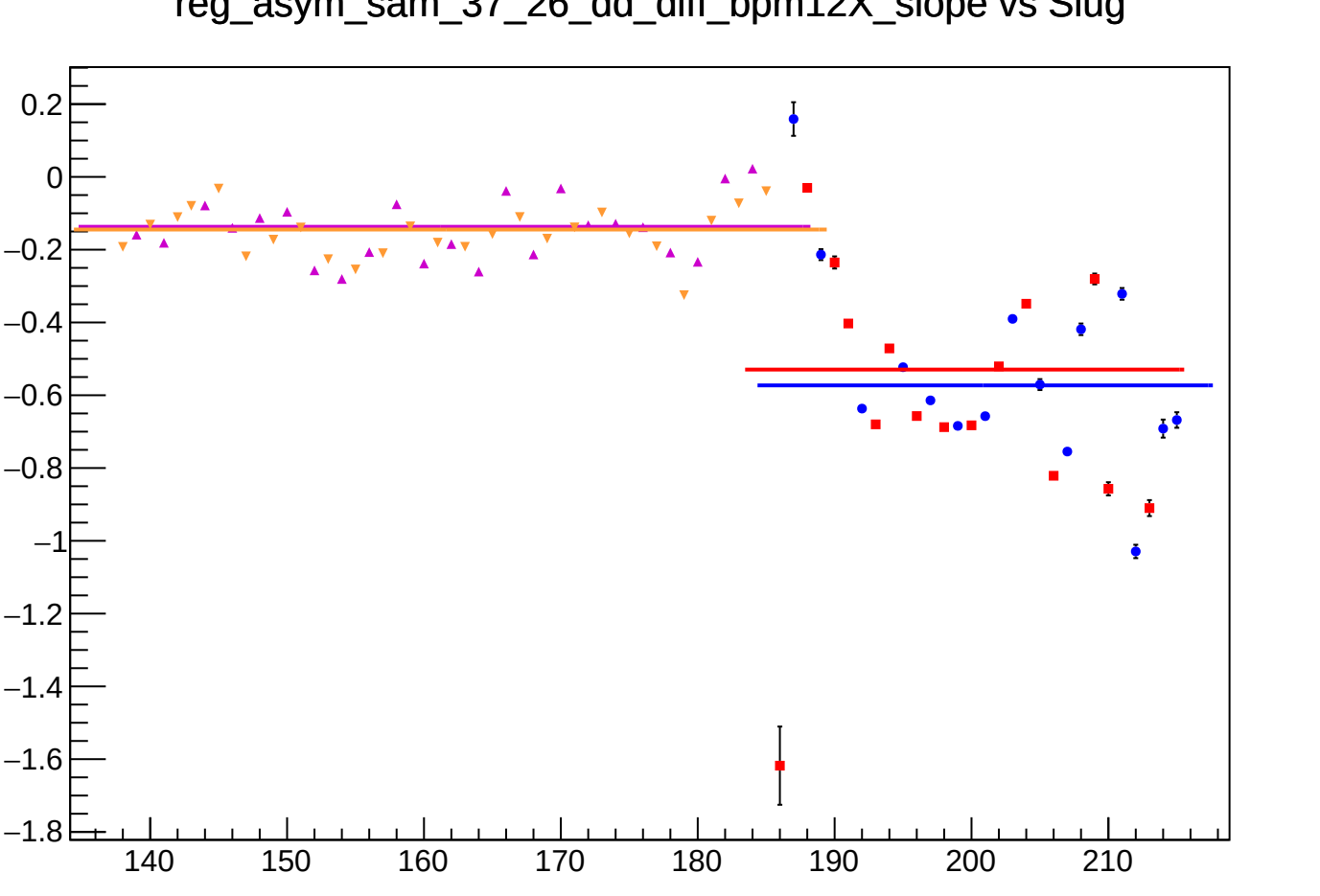
Right Out: 0.979+/-0.089 χ^2/NDF: 5020.0/14

Left In: 16.098+/-0.024 χ^2/NDF:42345.7/22

\+ sign 15.615+/-0.022 χ^2/NDF: 82593.9/39

All: 15.366+/-0.016 χ^2/NDF: 157154.5/77

\- sign 15.109+/-0.023 χ^2/NDF: 74310.4/37



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: -0.529+/-0.003 χ^2/NDF: 5485.4/14

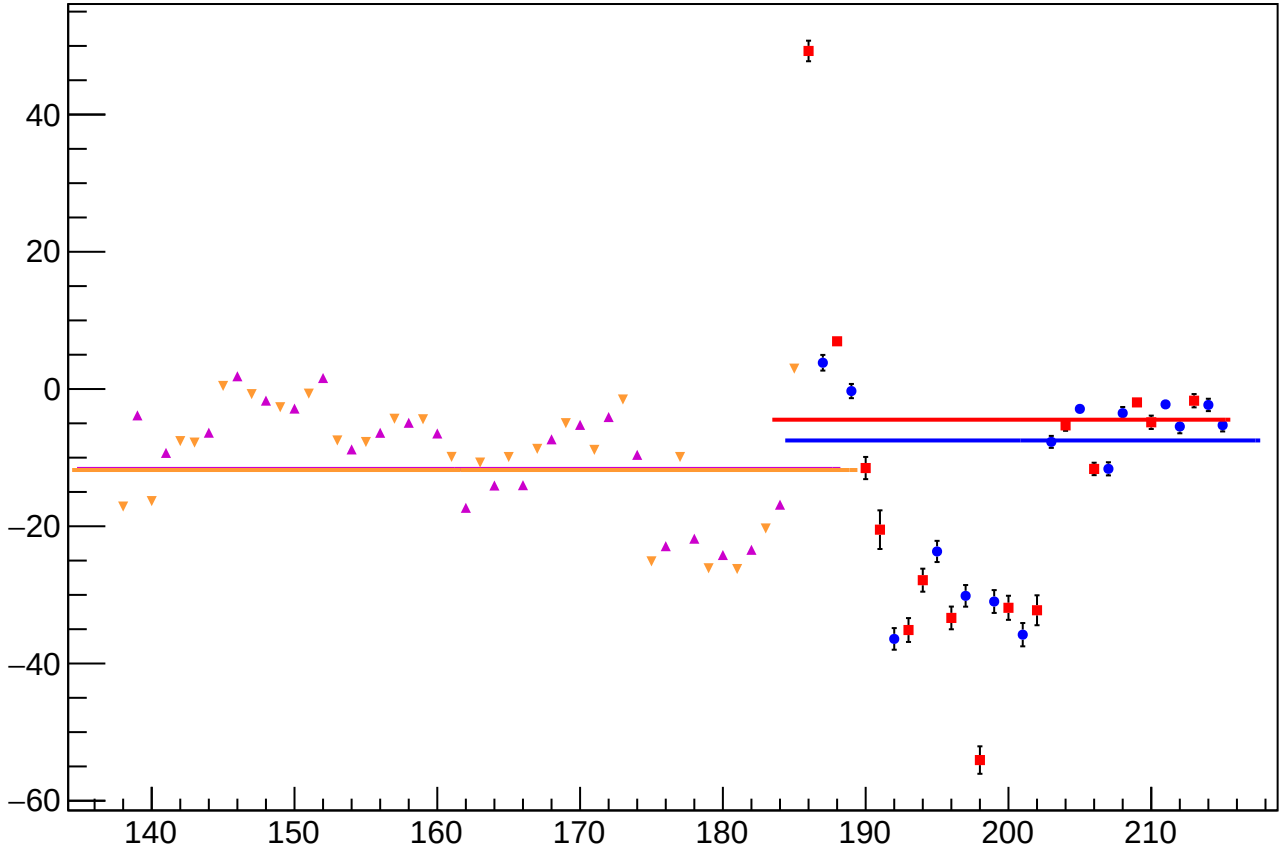
Left In: -0.137+/-0.001 χ^2/NDF:5392.6/22

+ sign -0.185+/-0.001 χ^2/NDF: 21820.4/39

All: -0.182+/-0.001 χ^2/NDF: 47011.5/77

- sign -0.179+/-0.001 χ^2/NDF: 25175.6/37

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: -4.470+/-0.276 χ^2/NDF: 3701.6/14

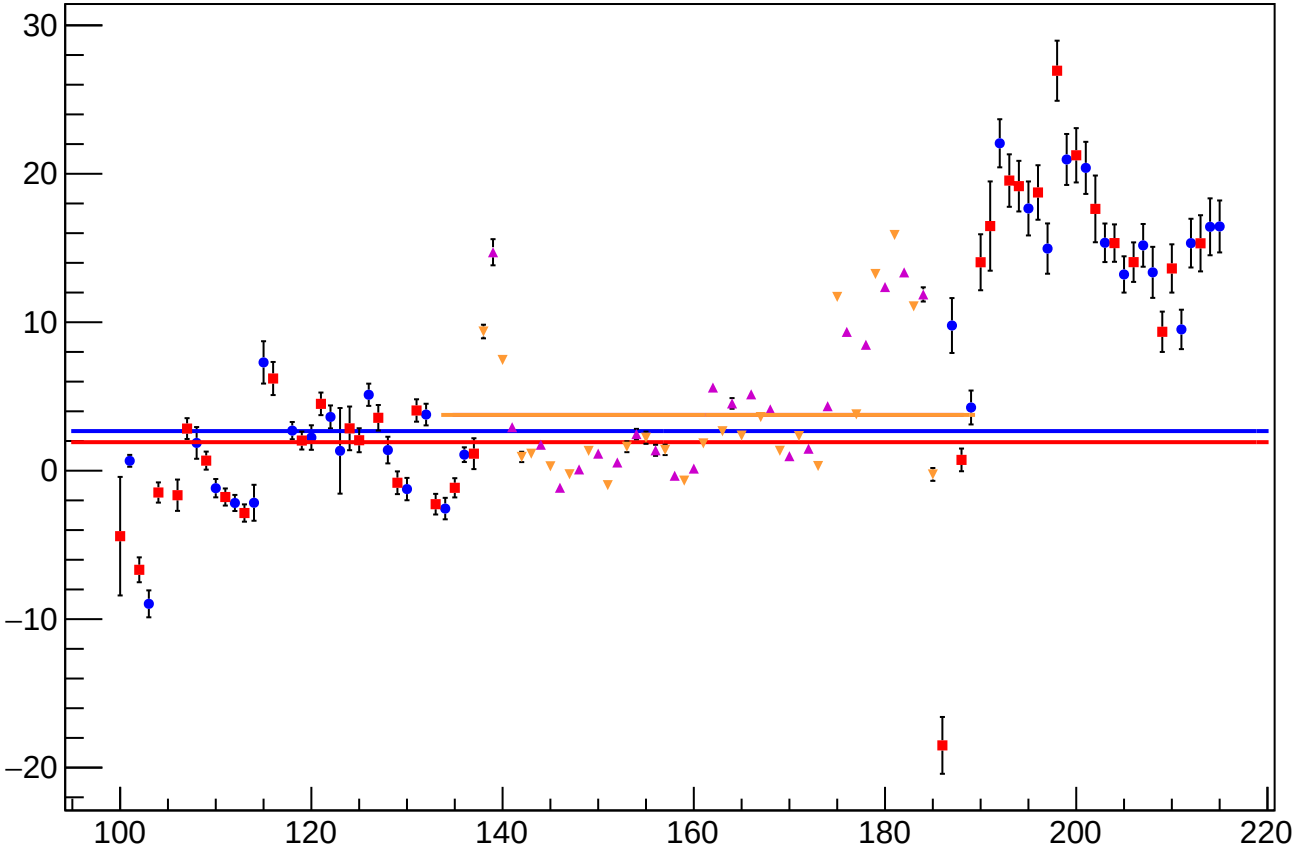
Left In: -11.642+/-0.072 χ^2/NDF:14121.2/22

+ sign -11.511+/-0.068 χ^2/NDF: 19012.2/39

All: -11.355+/-0.048 χ^2/NDF: 37477.0/77

- sign -11.191+/-0.069 χ^2/NDF: 18453.9/37

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: 1.922+/-0.160 χ^2/NDF: 1476.5/33

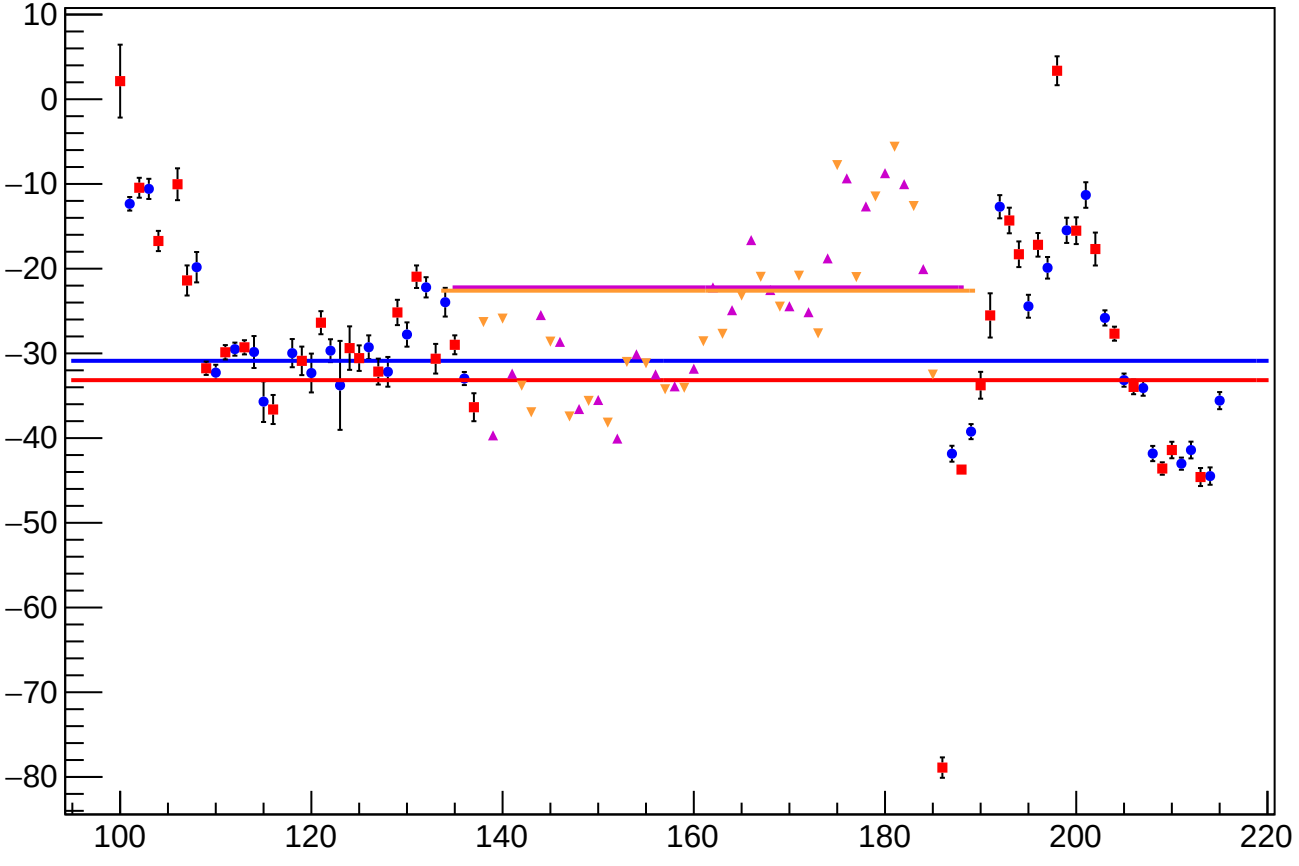
Left In: 3.757+/-0.057 χ^2/NDF:5629.4/22

\+ sign 3.635+/-0.052 χ^2/NDF: 8915.1/56

All: 3.595+/-0.037 χ^2/NDF: 16139.4/113

\- sign 3.552+/-0.053 χ^2/NDF: 7223.1/56

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: -33.160+/-0.193 χ^2/NDF: 4539.1/33

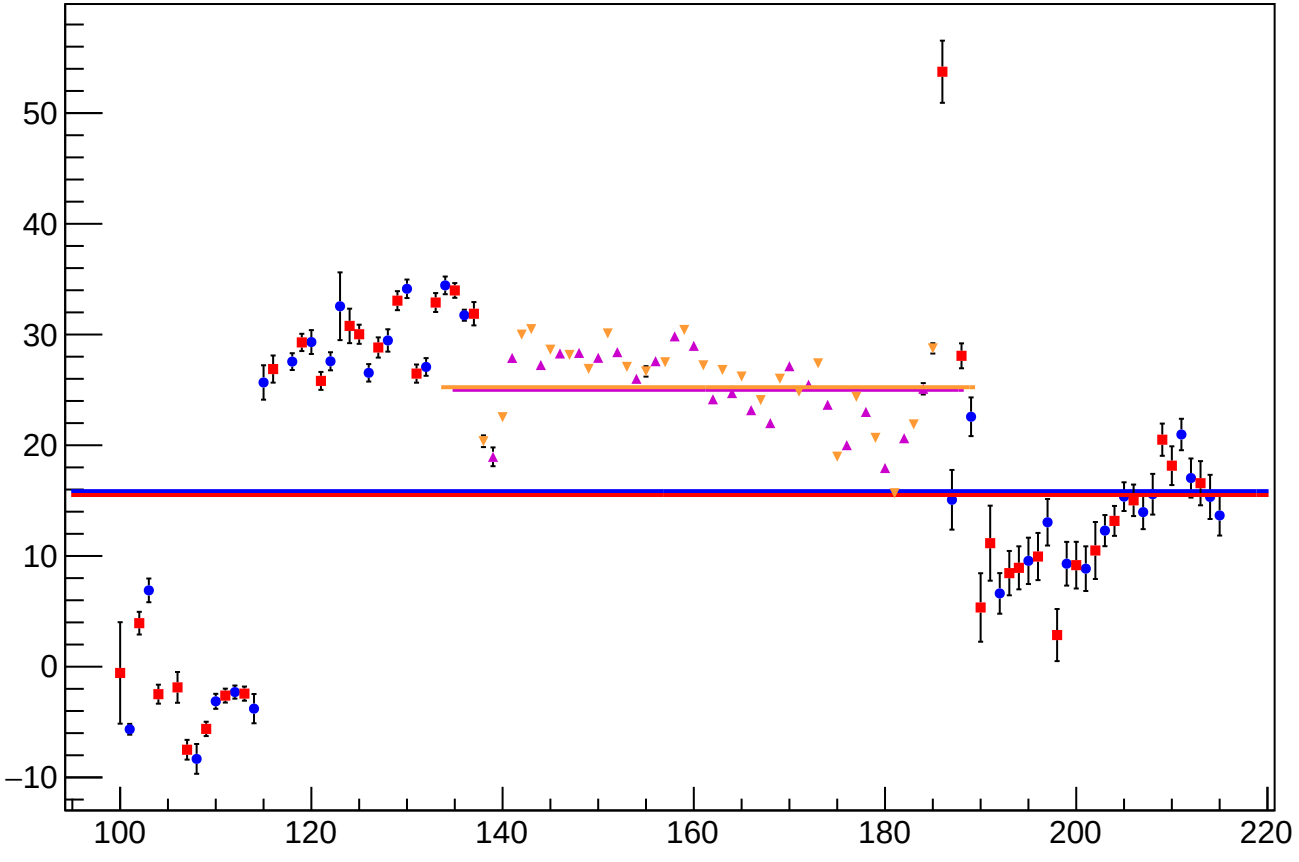
Left In: -22.209+/-0.072 χ^2/NDF:17627.4/22

+ sign -23.558+/-0.066 χ^2/NDF: 24052.1/56

All: -23.545+/-0.047 χ^2/NDF: 49045.6/113

- sign -23.532+/-0.067 χ^2/NDF: 24993.4/56

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: 15.507+/-0.182 χ^2/NDF: 7675.6/33

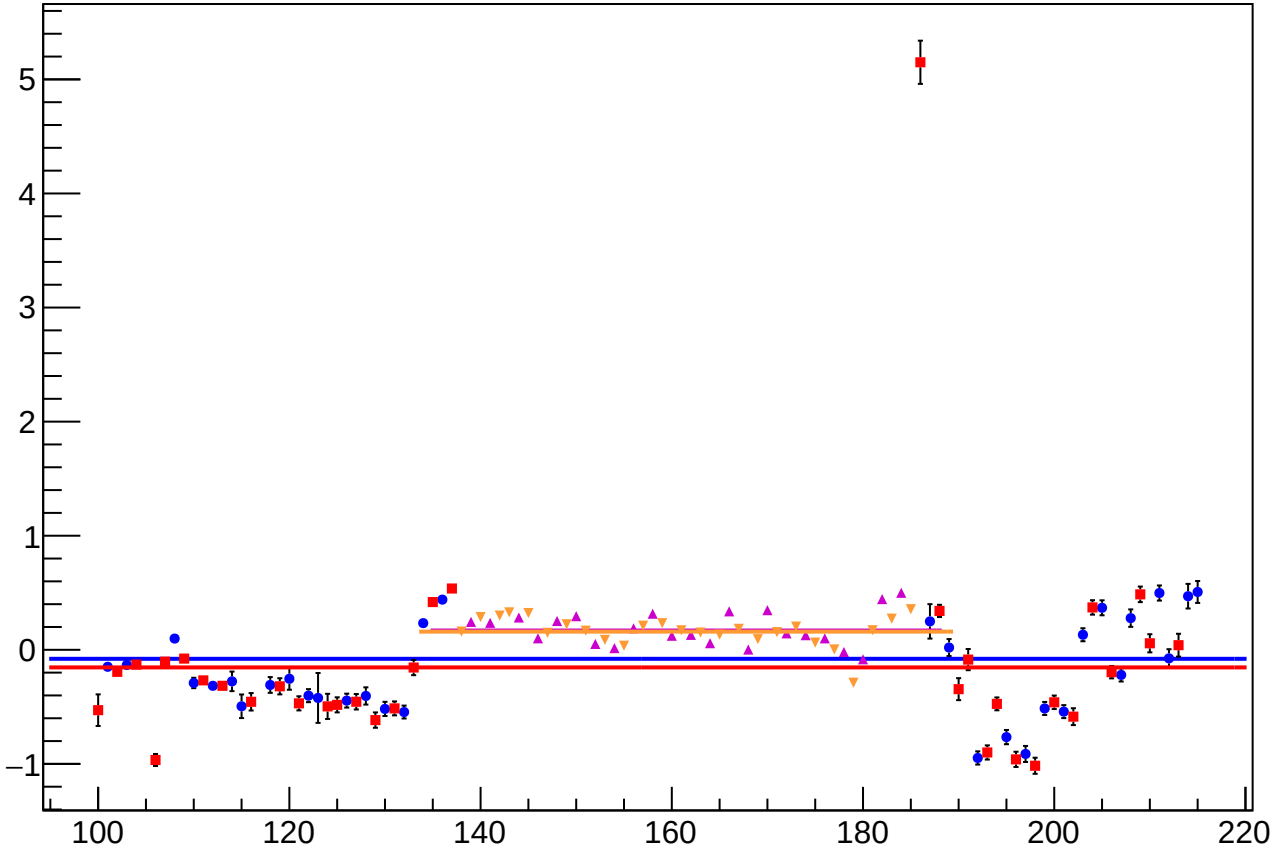
Left In: 25.009+/-0.064 χ^2/NDF:2722.0/22

+ sign 24.198+/-0.059 χ^2/NDF: 13927.0/56

All: 24.085+/-0.042 χ^2/NDF: 26757.3/113

- sign 23.969+/-0.060 χ^2/NDF: 12823.0/56

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: -0.154+/-0.009 χ^2/NDF: 2738.5/33

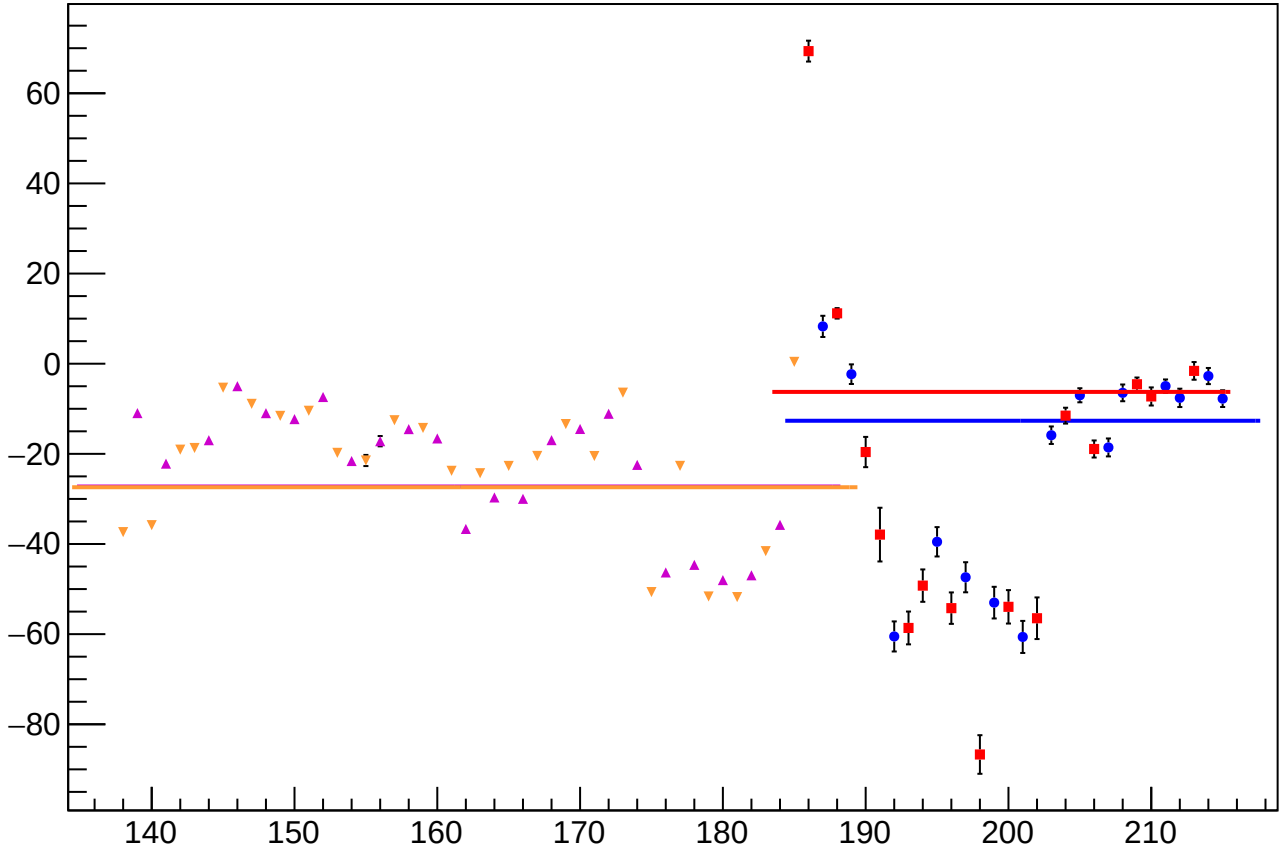
Left In: 0.169+/-0.003 χ^2/NDF:2418.8/22

+ sign 0.137+/-0.003 χ^2/NDF: 4383.2/56

All: 0.138+/-0.002 χ^2/NDF: 10712.8/113

- sign 0.138+/-0.003 χ^2/NDF: 6329.5/56

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: -6.256+/-0.576 χ^2/NDF: 2569.9/14

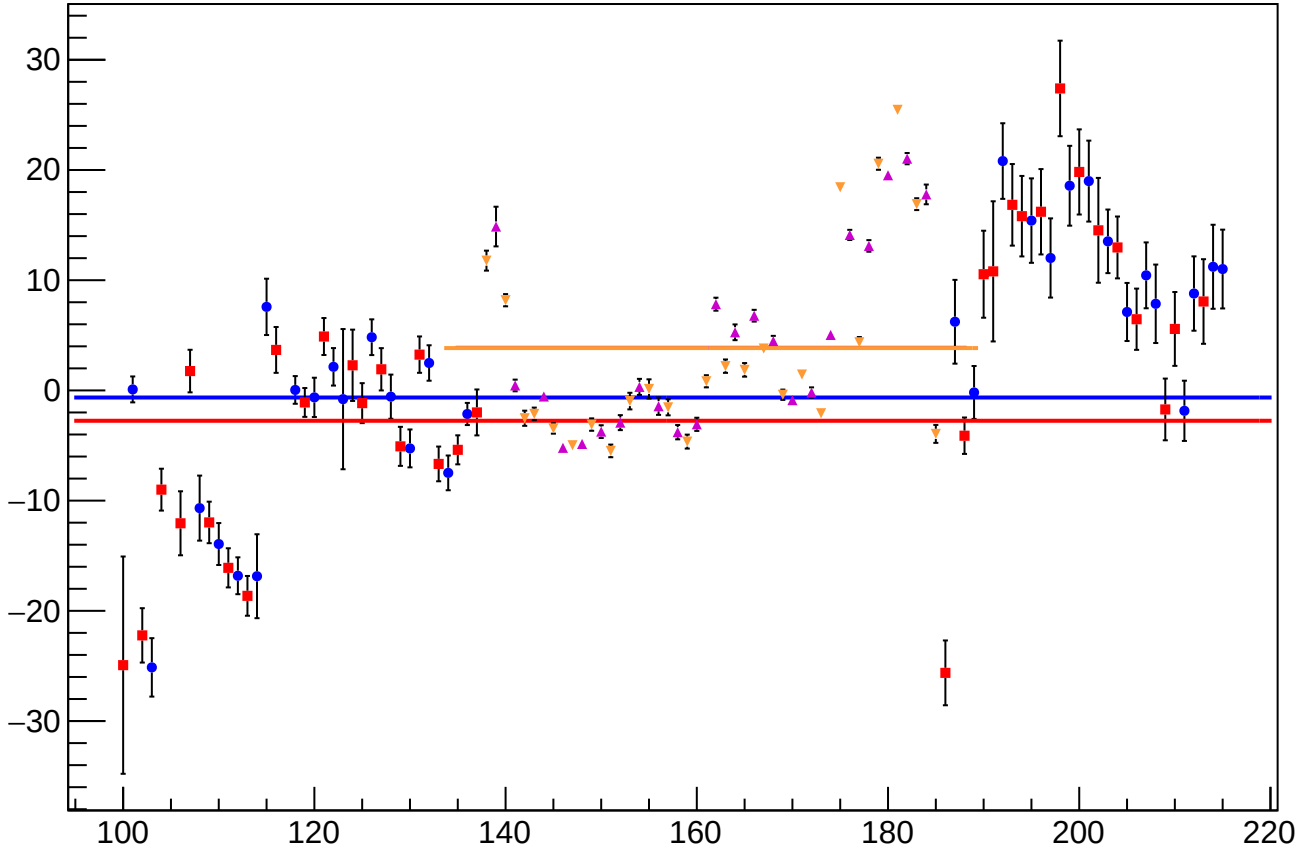
Left In: -27.243+/-0.139 χ^2/NDF:11305.2/22

\+ sign -26.538+/-0.133 χ^2/NDF: 16440.0/39

All: -26.315+/-0.095 χ^2/NDF: 31574.1/77

\- sign -26.083+/-0.135 χ^2/NDF: 15128.3/37

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: -2.753+/-0.379 χ^2/NDF: 625.4/33

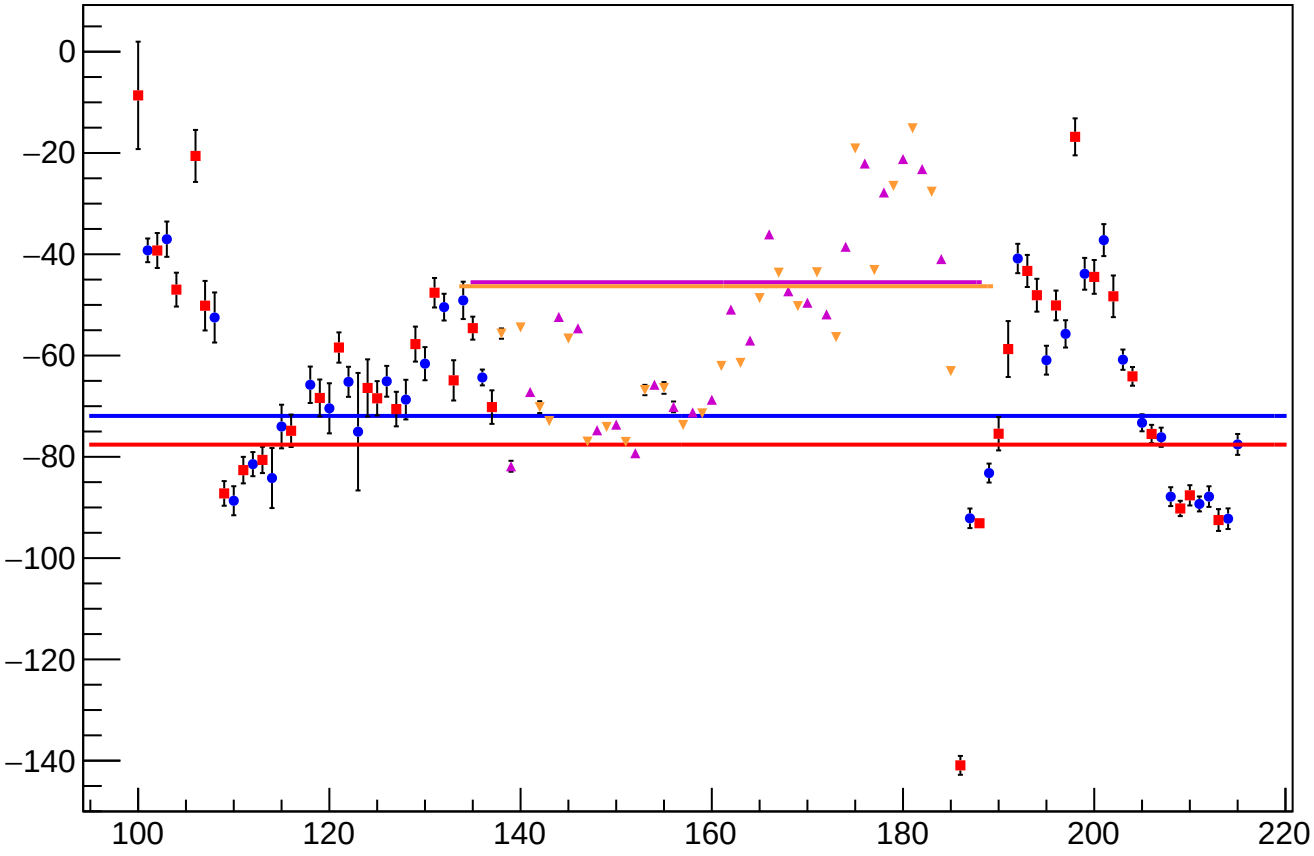
Left In: 3.866+/-0.111 χ^2/NDF:5424.0/22

+ sign 3.480+/-0.105 χ^2/NDF: 7599.3/56

All: 3.411+/-0.075 χ^2/NDF: 13930.9/113

- sign 3.341+/-0.107 χ^2/NDF: 6330.7/56

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: -77.591+/-0.432 χ^2/NDF: 3098.9/33

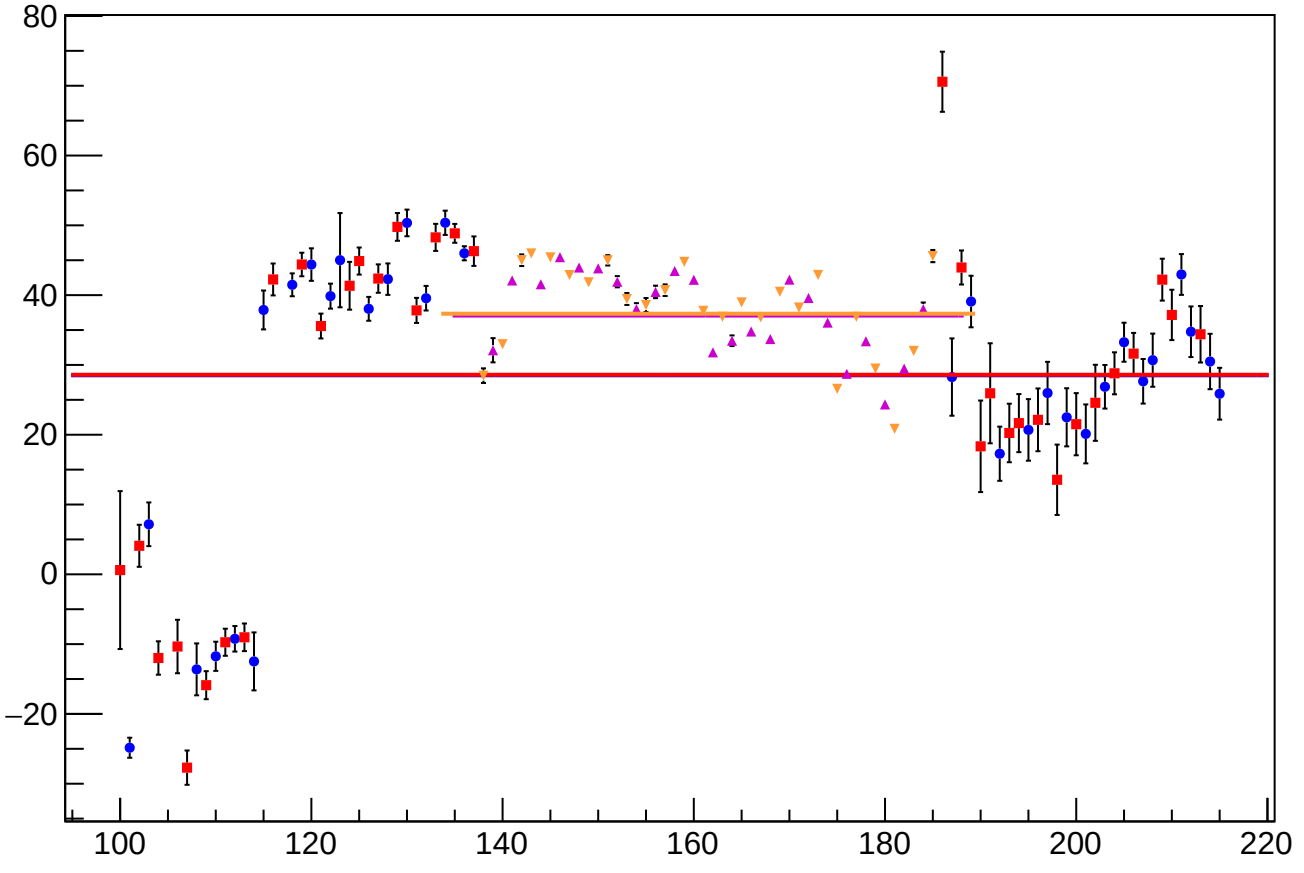
Left In: -45.522+/-0.140 χ^2/NDF:17525.4/22

+ sign -48.663+/-0.131 χ^2/NDF: 24737.1/56

All: -48.611+/-0.093 χ^2/NDF: 50348.0/113

- sign -48.558+/-0.133 χ^2/NDF: 25610.6/56

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: 28.590+/-0.431 χ^2/NDF: 3225.1/33

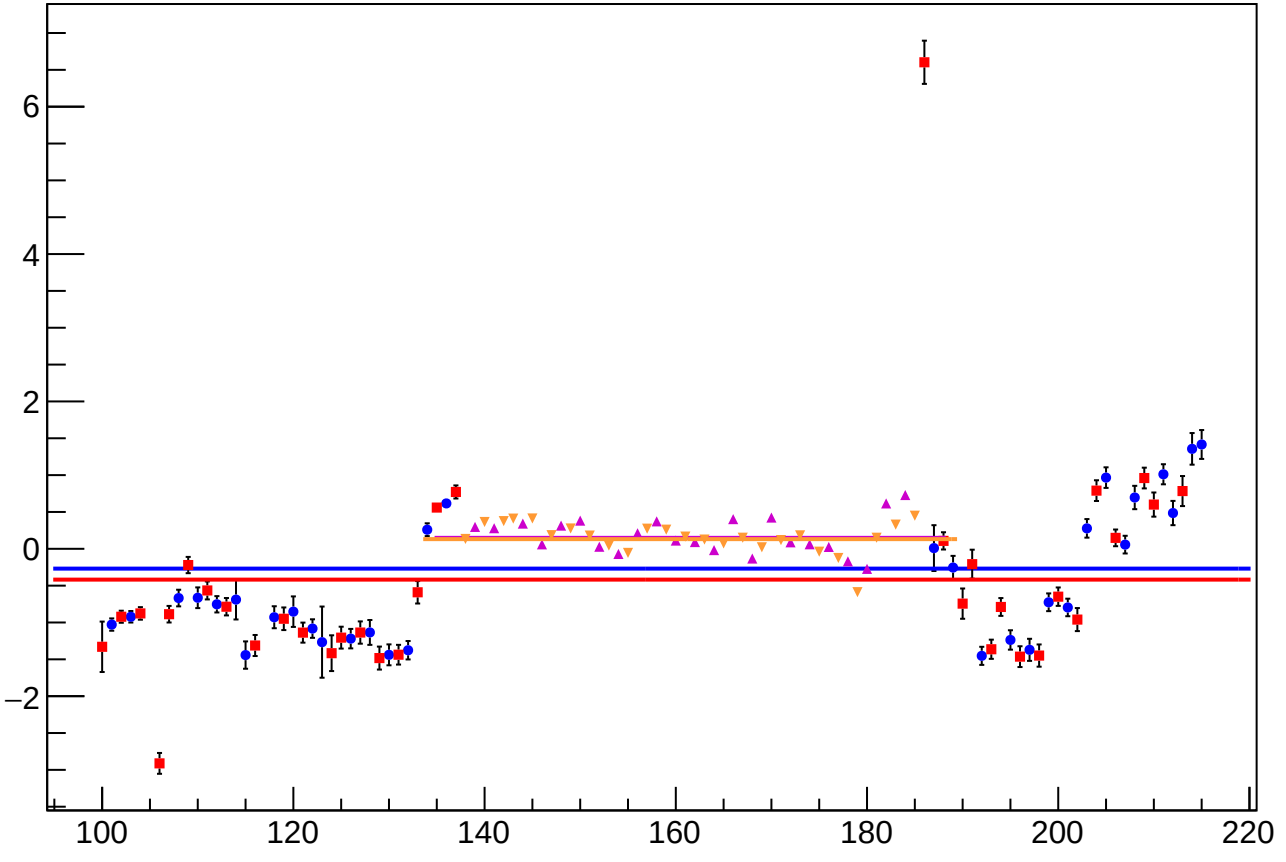
Left In: 37.074+/-0.125 χ^2/NDF:2397.3/22

+ sign 36.627+/-0.118 χ^2/NDF: 6934.7/56

All: 36.523+/-0.084 χ^2/NDF: 12915.4/113

- sign 36.415+/-0.120 χ^2/NDF: 5979.1/56

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

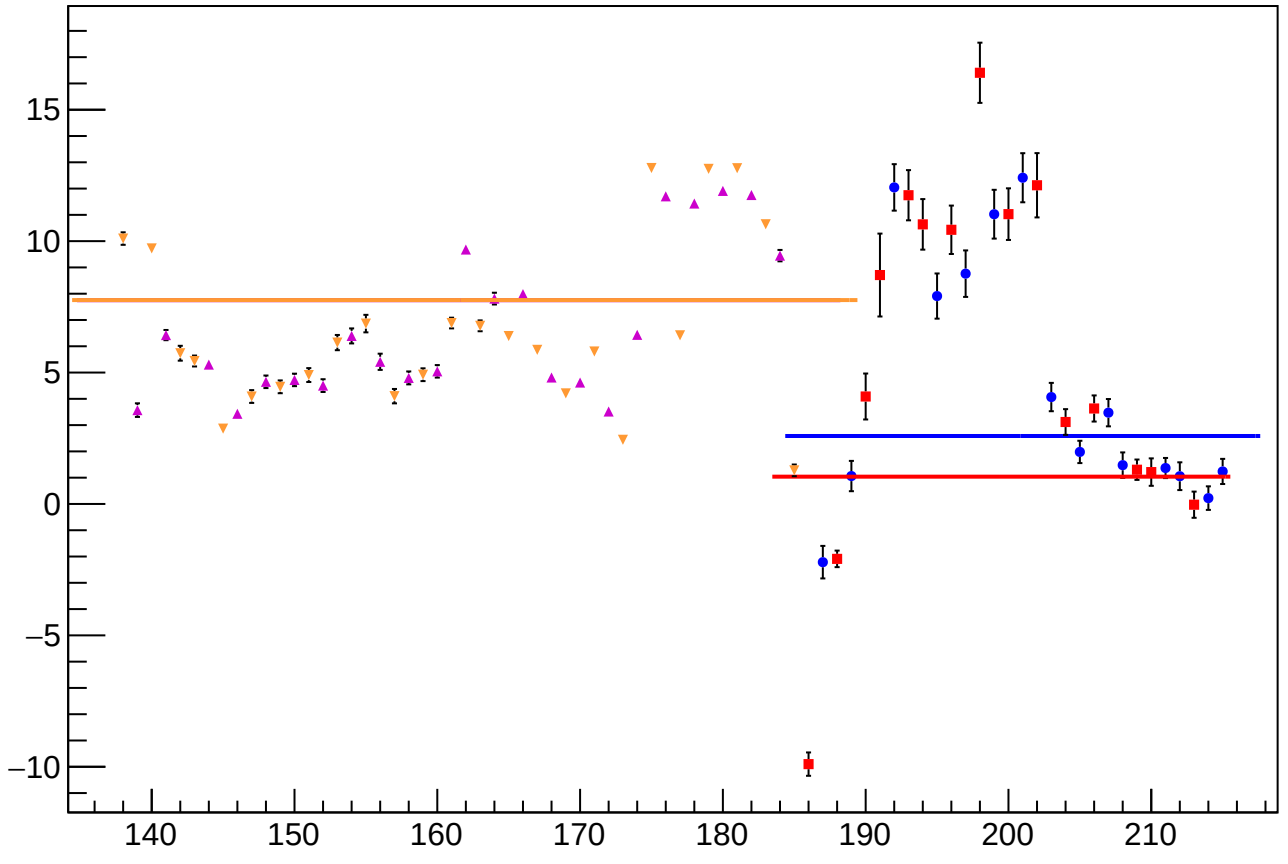
Right Out: -0.418+/-0.021 χ^2/NDF: 2217.2/33

Left In: 0.149+/-0.006 χ^2/NDF:1803.6/22

+ sign 0.104+/-0.005 χ^2/NDF: 3405.5/56

All: 0.107+/-0.004 χ^2/NDF: 8087.8/113

- sign 0.110+/-0.006 χ^2/NDF: 4681.6/56



Right In: 2.586+/-0.144 χ^2/NDF: 534.0/14

Left Out: 7.757+/-0.034 χ^2/NDF:11728.6/24

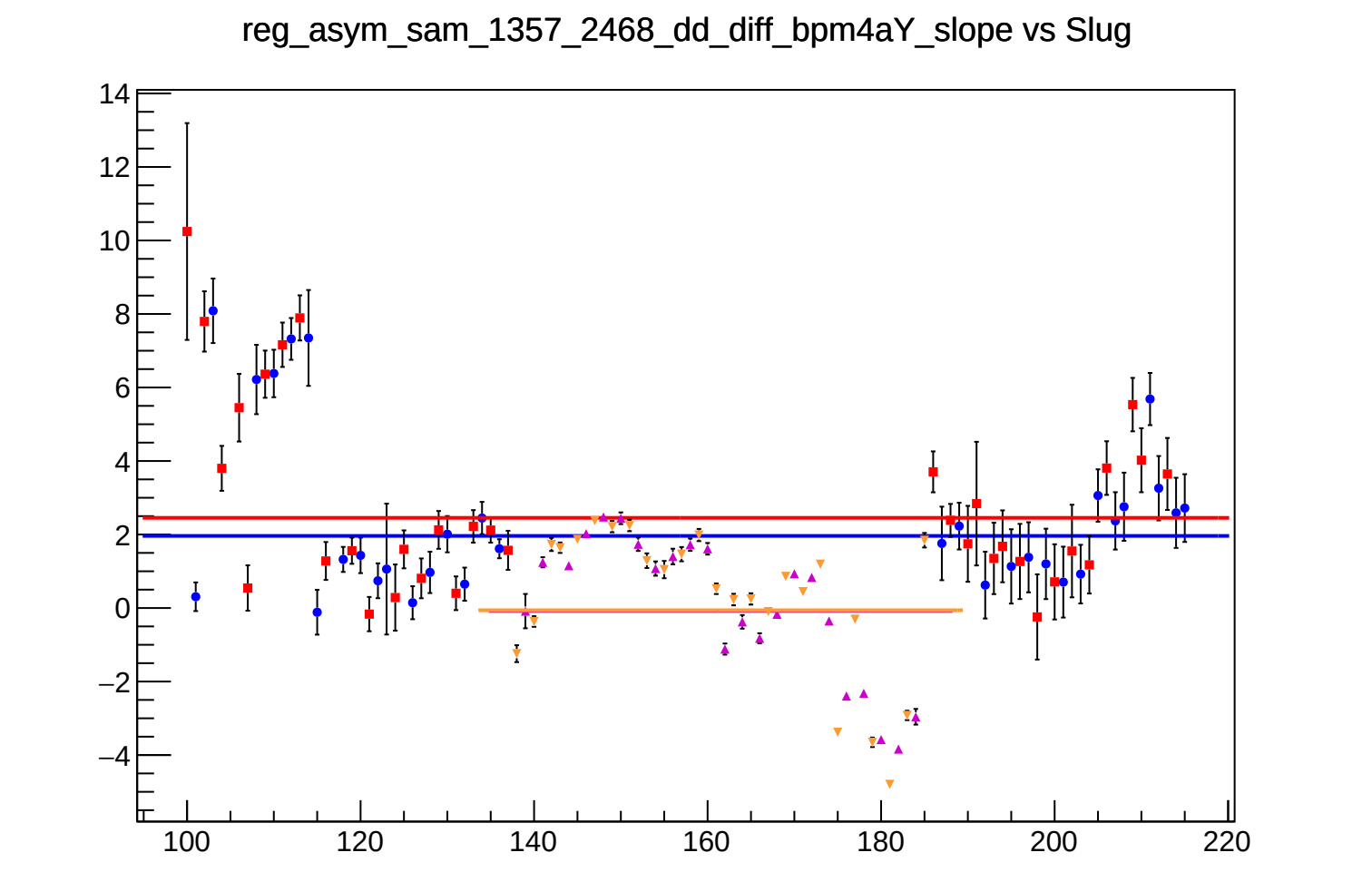
Right Out: 1.039+/-0.149 χ^2/NDF: 1486.2/14

Left In: 7.753+/-0.035 χ^2/NDF:8345.2/22

+ sign 7.477+/-0.033 χ^2/NDF: 13490.0/39

All: 7.439+/-0.024 χ^2/NDF: 25257.7/77

- sign 7.399+/-0.034 χ^2/NDF: 11764.9/37



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: 2.453+/-0.106 χ^2/NDF: 382.5/33

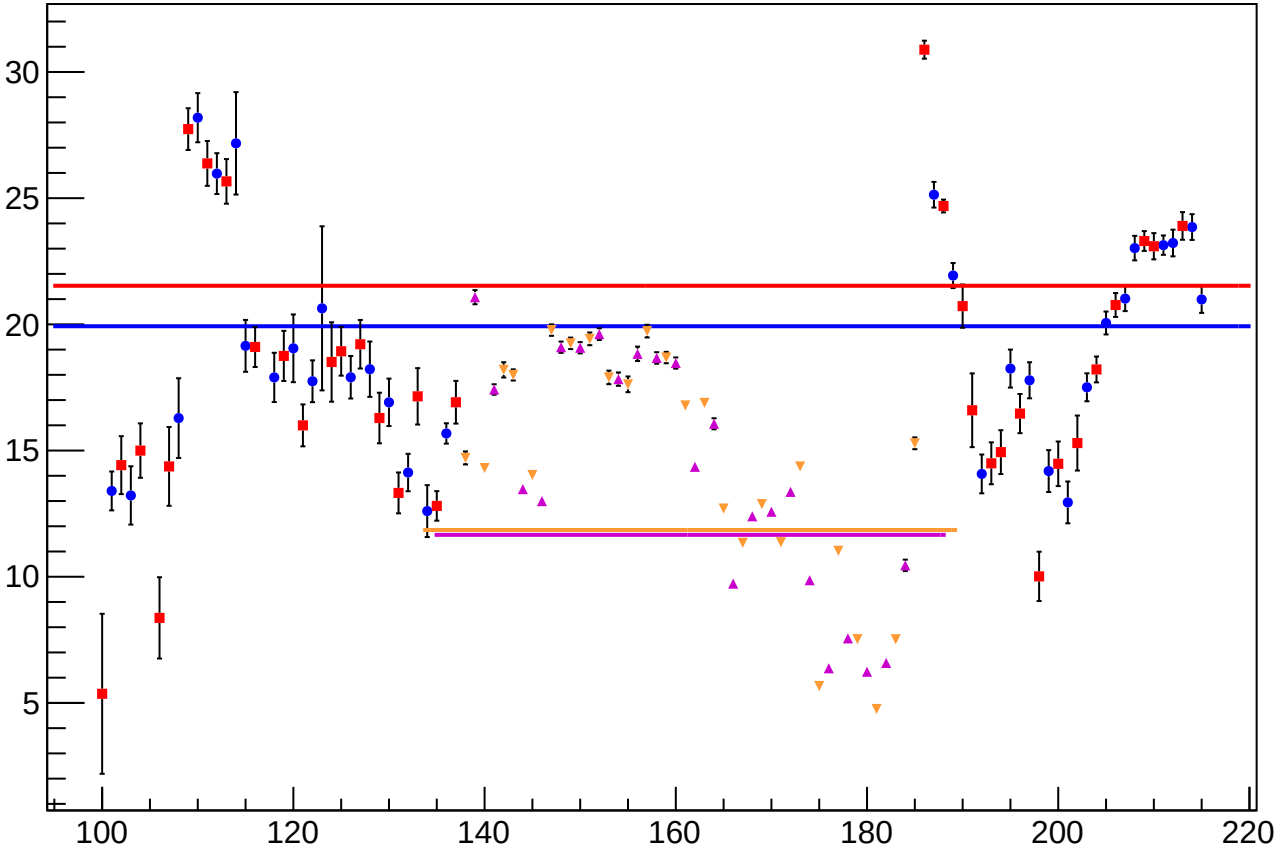
Left In: -0.080+/-0.028 χ^2/NDF:4979.5/22

+ sign 0.076+/-0.027 χ^2/NDF: 6761.0/56

All: 0.082+/-0.019 χ^2/NDF: 12656.9/113

- sign 0.088+/-0.027 χ^2/NDF: 5895.7/56

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

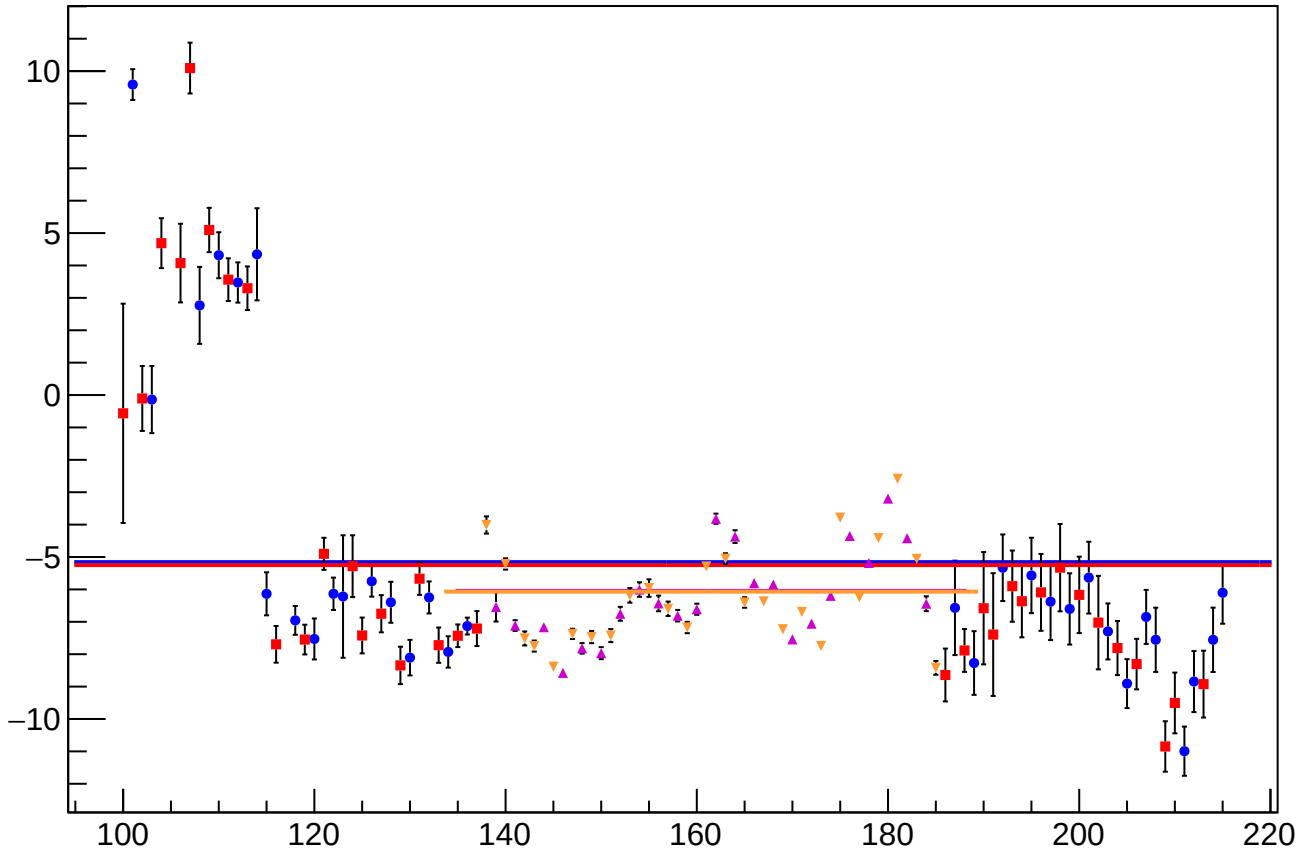
Right Out: 21.530+/-0.115 χ^2/NDF: 2126.3/33

Left In: 11.660+/-0.035 χ^2/NDF:16710.2/22

\+ sign 12.500+/-0.033 χ^2/NDF: 24549.6/56

All: 12.501+/-0.024 χ^2/NDF: 50100.7/113

\- sign 12.502+/-0.034 χ^2/NDF: 25551.0/56



Right In: -5.159+/-0.116 χ^2/NDF: 1744.4/31

Left Out: -6.068+/-0.031 χ^2/NDF:2671.7/24

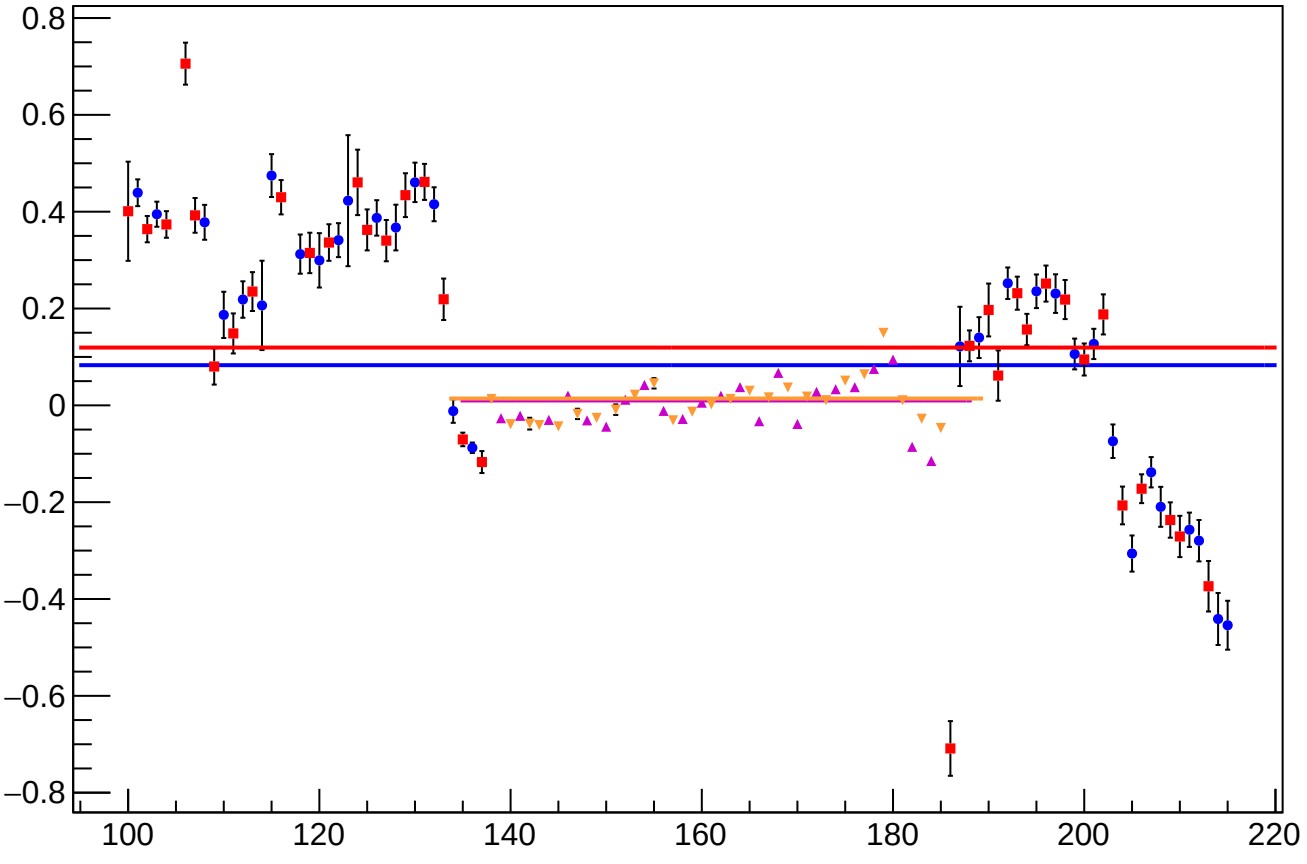
Right Out: -5.249+/-0.121 χ^2/NDF: 1522.5/33

Left In: -6.045+/-0.032 χ^2/NDF:2293.7/22

+ sign -6.007+/-0.030 χ^2/NDF: 4473.8/56

All: -6.001+/-0.021 χ^2/NDF: 8330.7/113

- sign -5.994+/-0.031 χ^2/NDF: 3856.8/56



Right In: 0.083+/-0.006 χ^2/NDF: 1794.2/31

Left Out: 0.014+/-0.001 χ^2/NDF:956.2/24

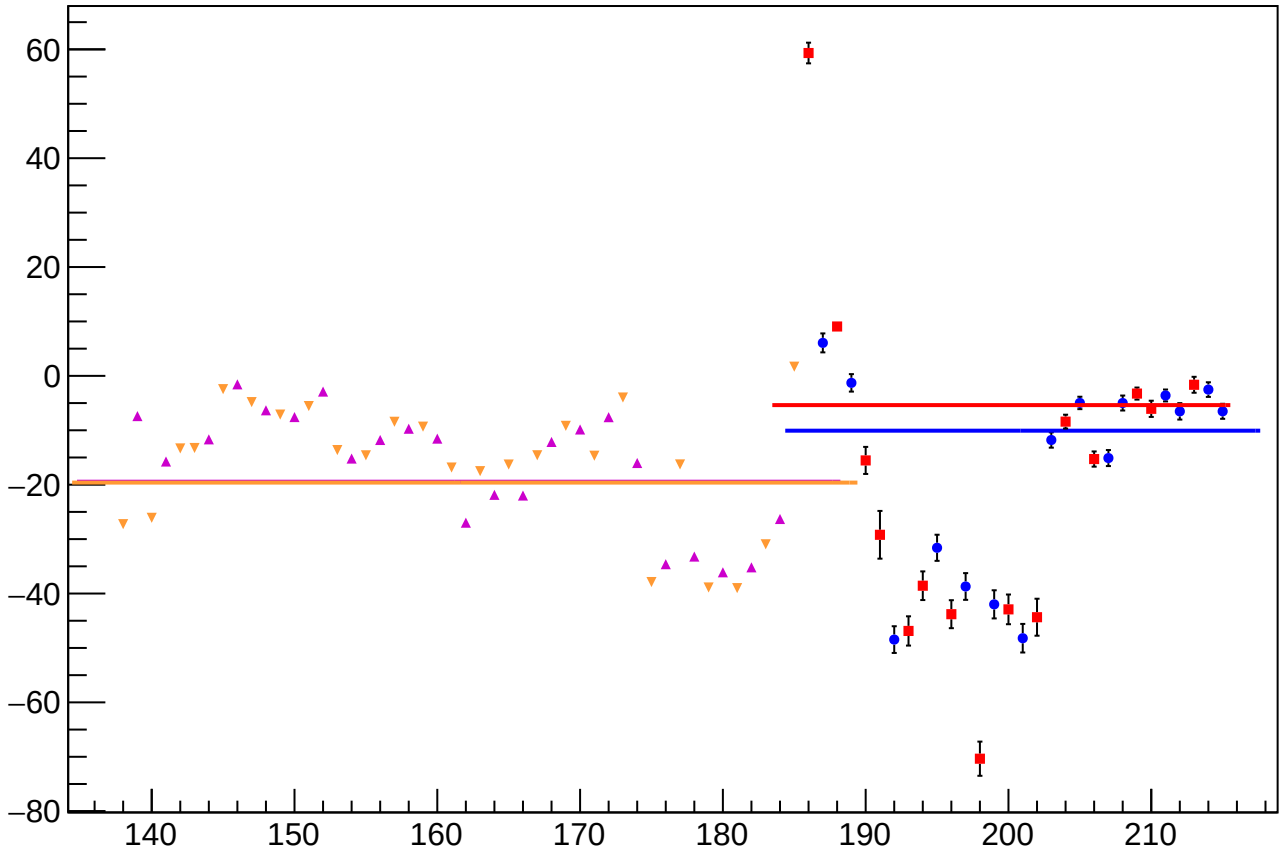
Right Out: 0.119+/-0.006 χ^2/NDF: 1758.5/33

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: 6180.4/113

- sign 0.016+/-0.001 χ^2/NDF: 3293.4/56



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: -5.373+/-0.427 χ^2/NDF: 2930.5/14

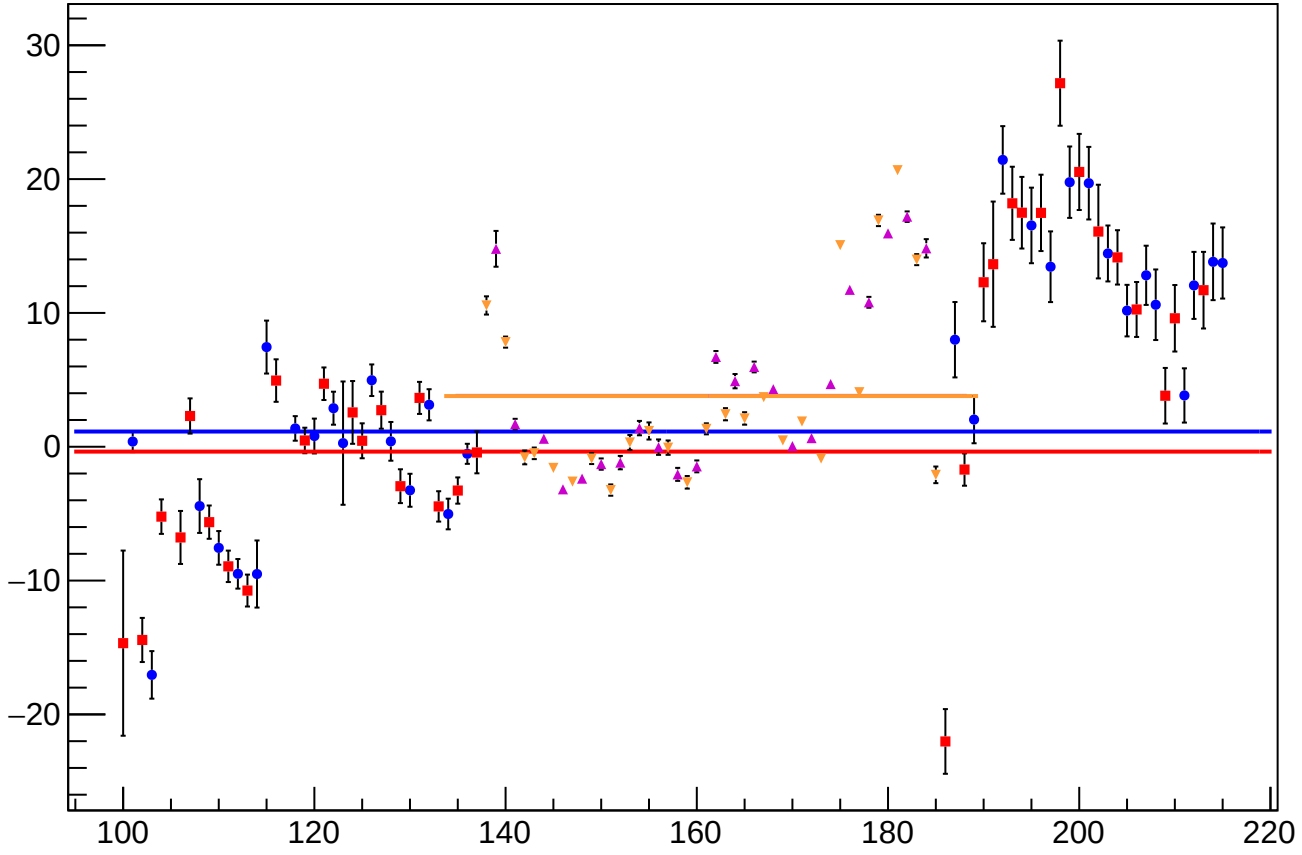
Left In: -19.450+/-0.105 χ^2/NDF:12283.1/22

+ sign -19.027+/-0.100 χ^2/NDF: 17350.3/39

All: -18.840+/-0.071 χ^2/NDF: 33597.9/77

- sign -18.645+/-0.102 χ^2/NDF: 16240.4/37

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: 1.138+/-0.264 χ^2/NDF: 728.4/31

Left Out: 3.788+/-0.082 χ^2/NDF:7150.5/24

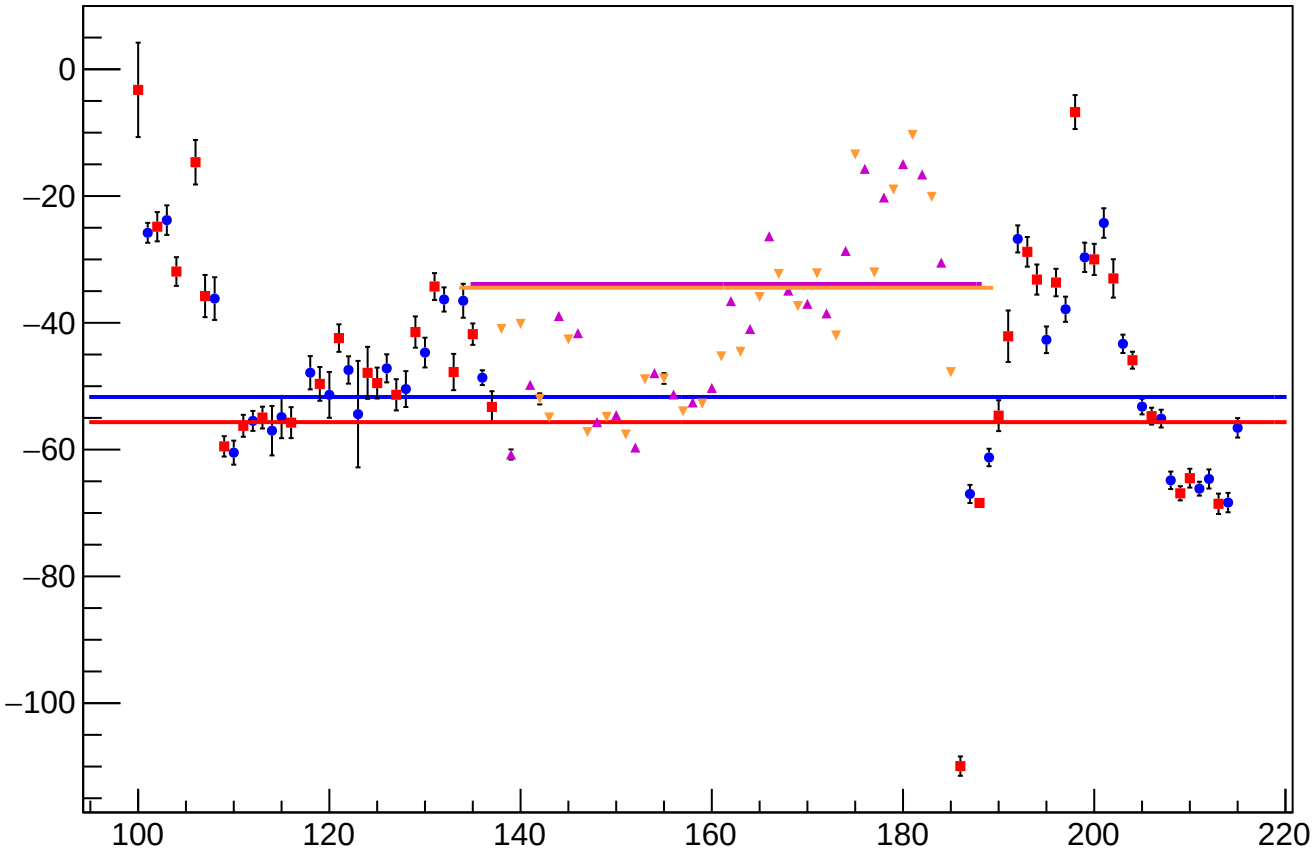
Right Out: -0.362+/-0.271 χ^2/NDF: 832.2/33

Left In: 3.799+/-0.084 χ^2/NDF:5517.0/22

\+ sign 3.555+/-0.078 χ^2/NDF: 7970.7/56

All: 3.497+/-0.056 χ^2/NDF: 14536.4/113

\- sign 3.437+/-0.080 χ^2/NDF: 6564.6/56



Right In: -51.700+/-0.316 χ^2/NDF: 1692.6/31

Left Out: -34.471+/-0.104 χ^2/NDF:20196.3/24

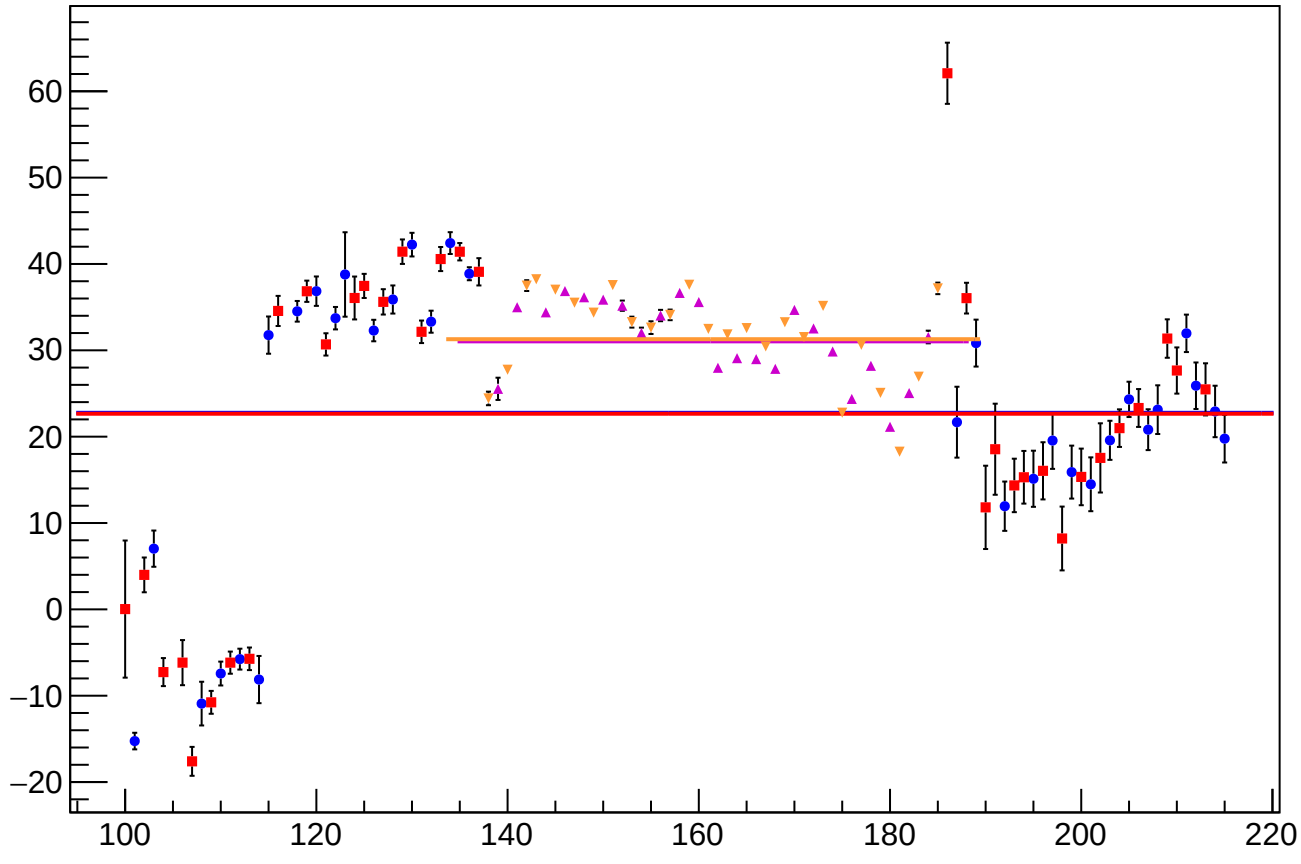
Right Out: -55.667+/-0.315 χ^2/NDF: 3480.4/33

Left In: -33.875+/-0.105 χ^2/NDF:17638.7/22

\+ sign -36.153+/-0.099 χ^2/NDF: 24570.2/56

All: -36.112+/-0.070 χ^2/NDF: 50006.7/113

\- sign -36.071+/-0.100 χ^2/NDF: 25436.1/56



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: 22.656+/-0.309 χ^2/NDF: 4278.2/33

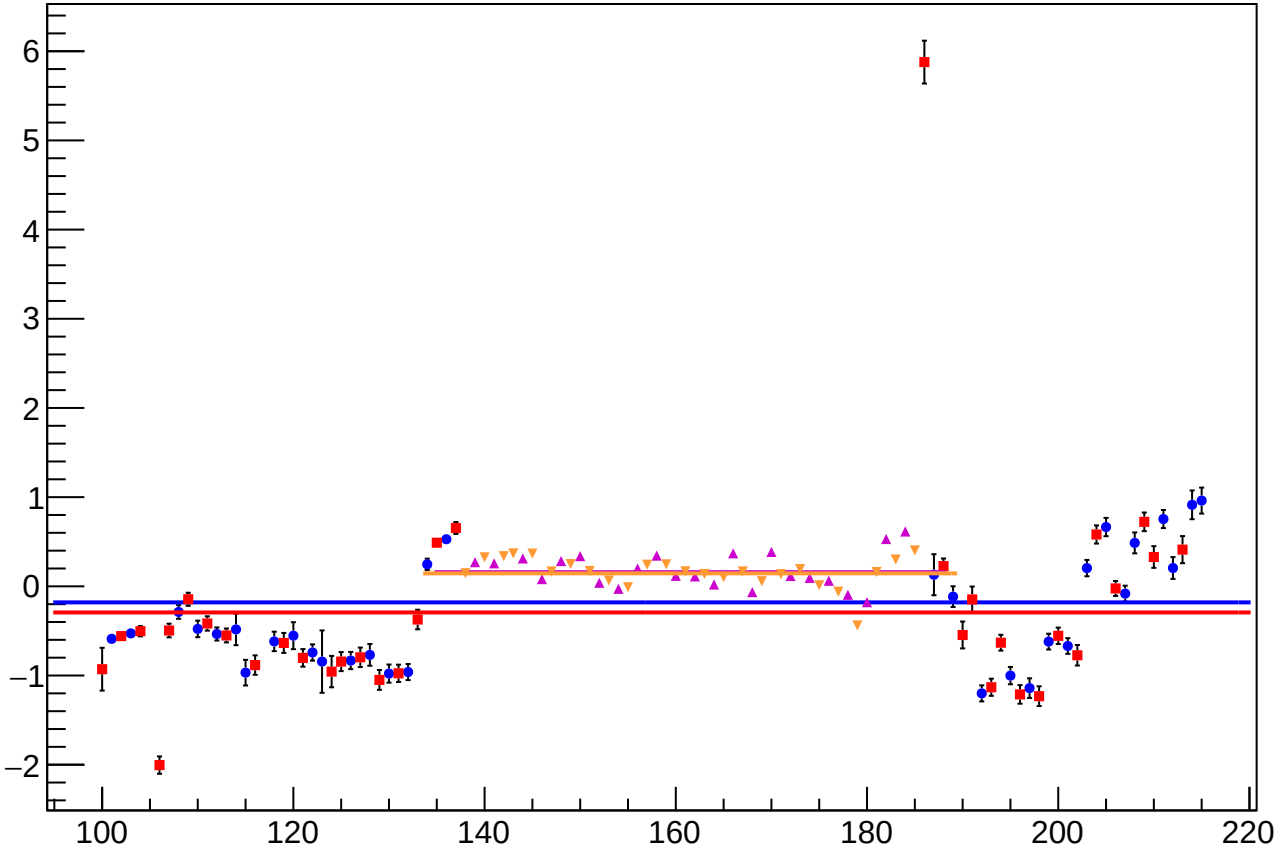
Left In: 31.039+/-0.094 χ^2/NDF:2480.0/22

+ sign 30.536+/-0.088 χ^2/NDF: 8478.1/56

All: 30.433+/-0.063 χ^2/NDF: 15913.8/113

- sign 30.325+/-0.090 χ^2/NDF: 7433.0/56

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: -0.293+/-0.015 χ^2/NDF: 2370.8/33

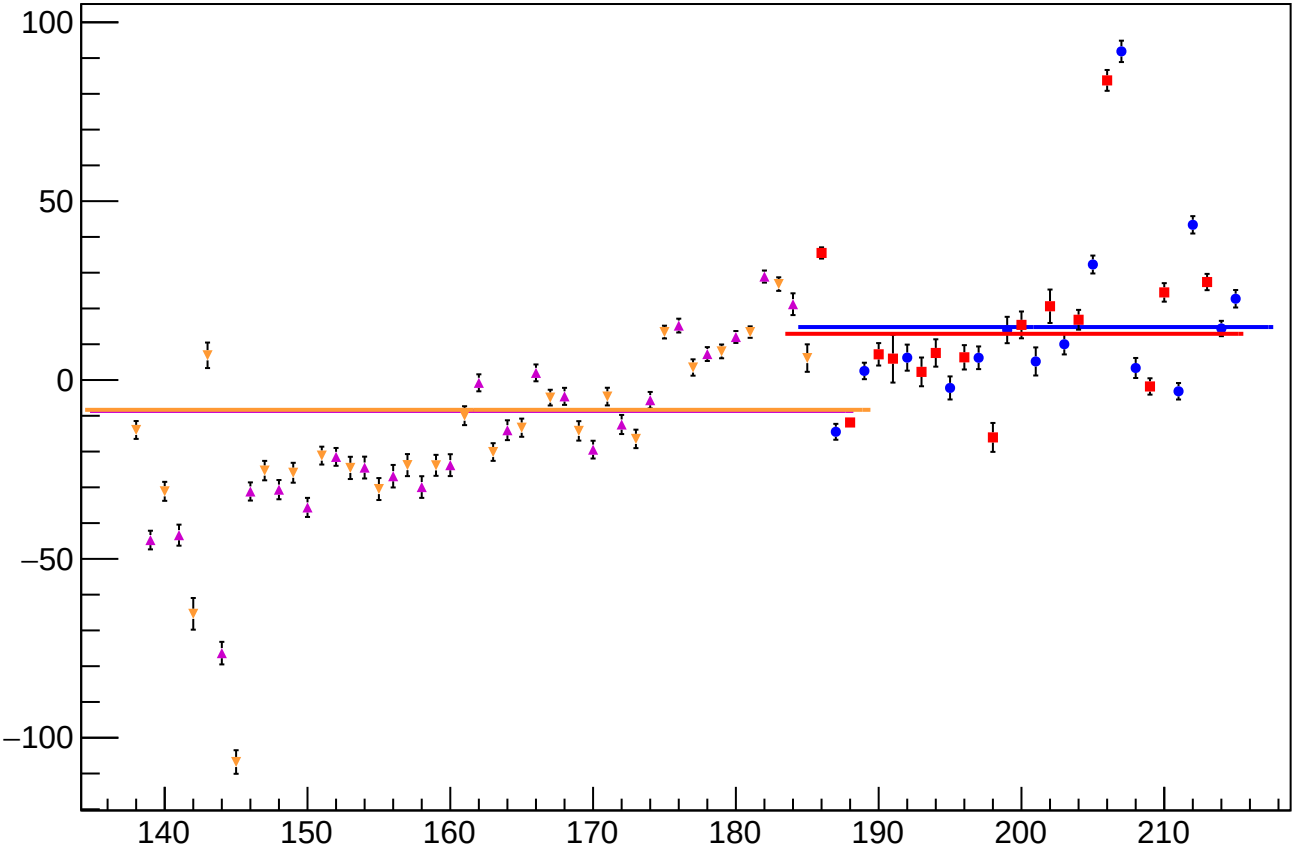
Left In: 0.159+/-0.004 χ^2/NDF:2009.8/22

+ sign 0.121+/-0.004 χ^2/NDF: 3669.5/56

All: 0.123+/-0.003 χ^2/NDF: 8863.3/113

- sign 0.125+/-0.004 χ^2/NDF: 5193.3/56

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: 12.918+/-0.651 χ^2/NDF: 1374.6/14

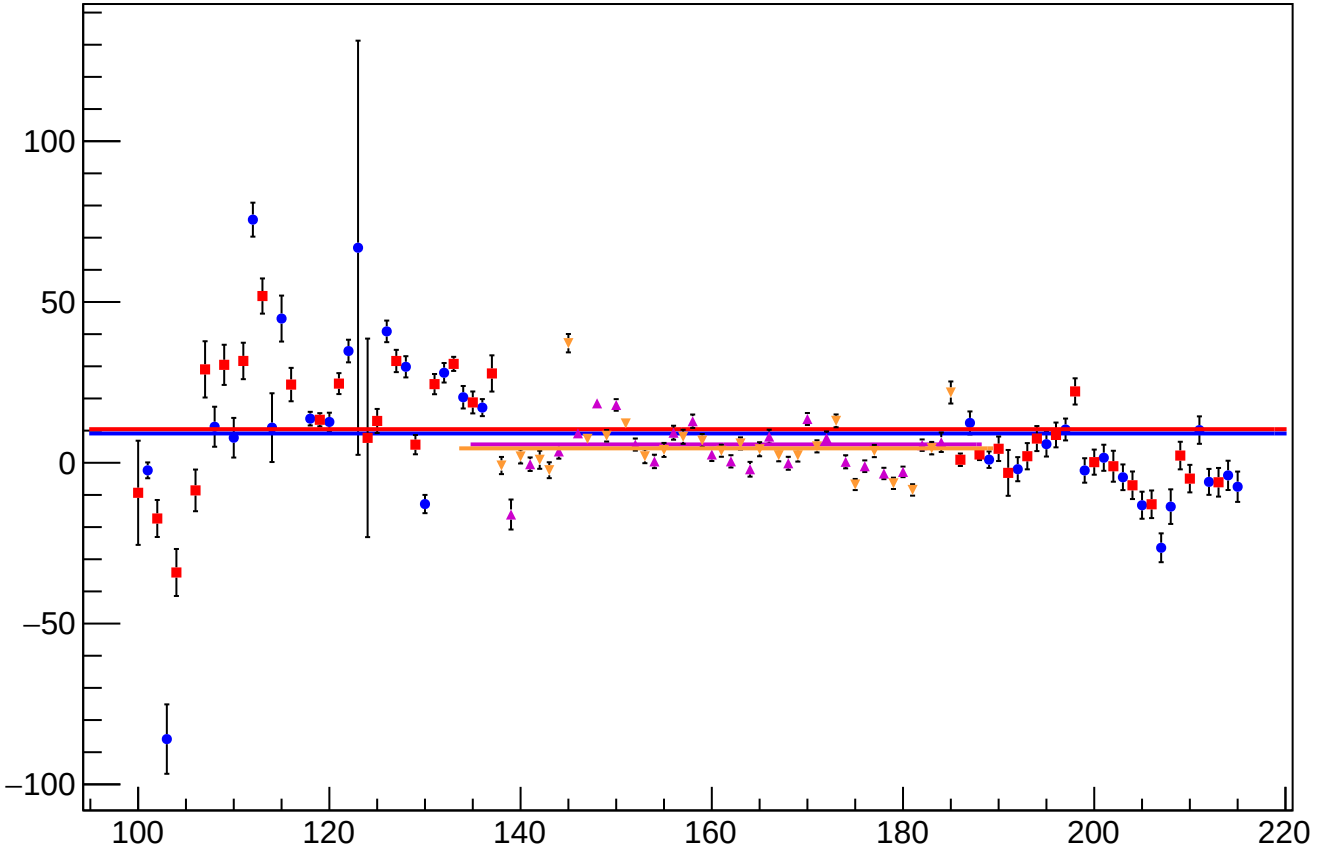
Left In: -8.652+/-0.507 χ^2/NDF:2223.8/22

+ sign -0.460+/-0.406 χ^2/NDF: 4148.4/39

All: -0.484+/-0.285 χ^2/NDF: 8429.8/77

- sign -0.508+/-0.400 χ^2/NDF: 4281.3/37

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: 10.449+/-0.625 χ^2/NDF: 499.5/33

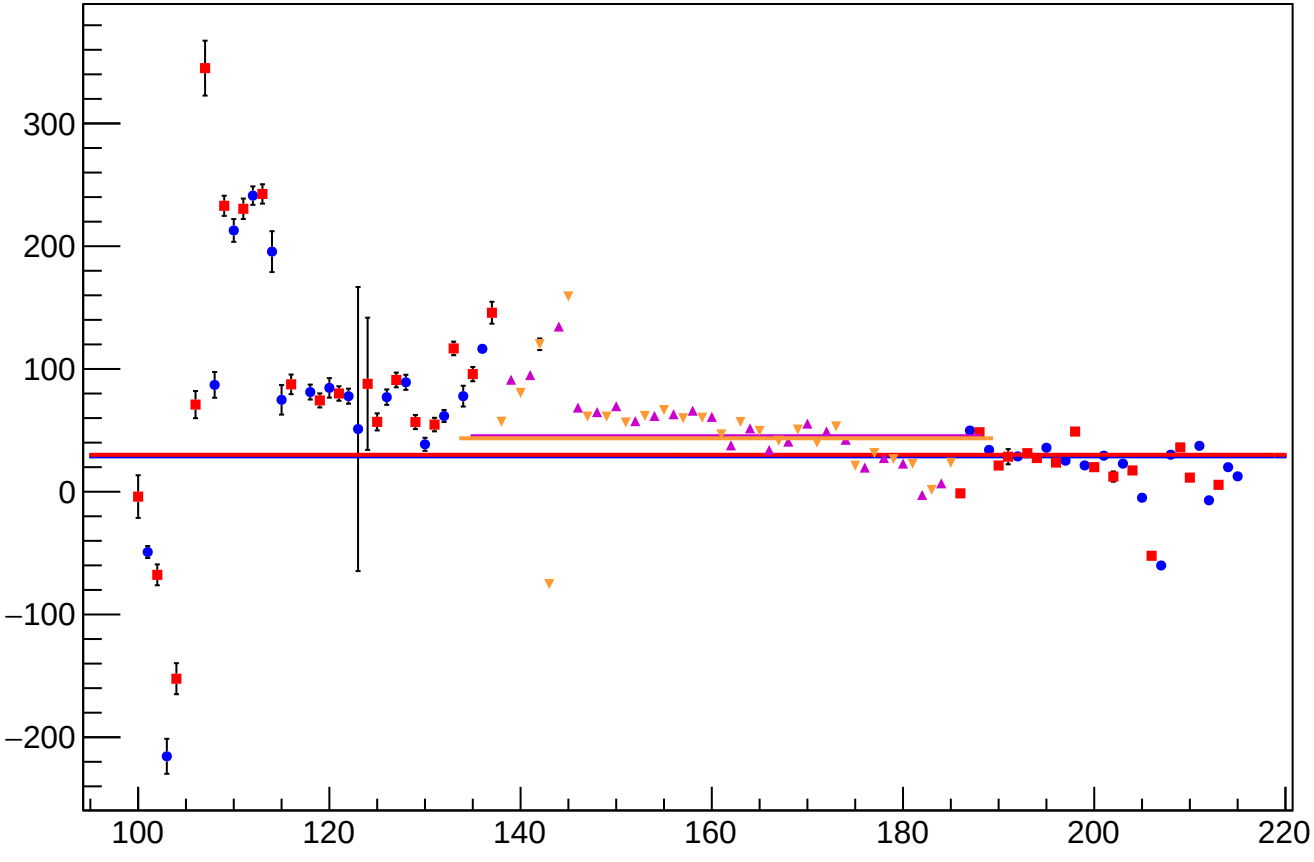
Left In: 5.705+/-0.404 χ^2/NDF:324.1/22

+ sign 5.715+/-0.336 χ^2/NDF: 1187.1/56

All: 6.402+/-0.239 χ^2/NDF: 2059.7/113

- sign 7.103+/-0.339 χ^2/NDF: 864.2/56

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: 30.098+/-0.544 χ^2/NDF: 5446.1/33

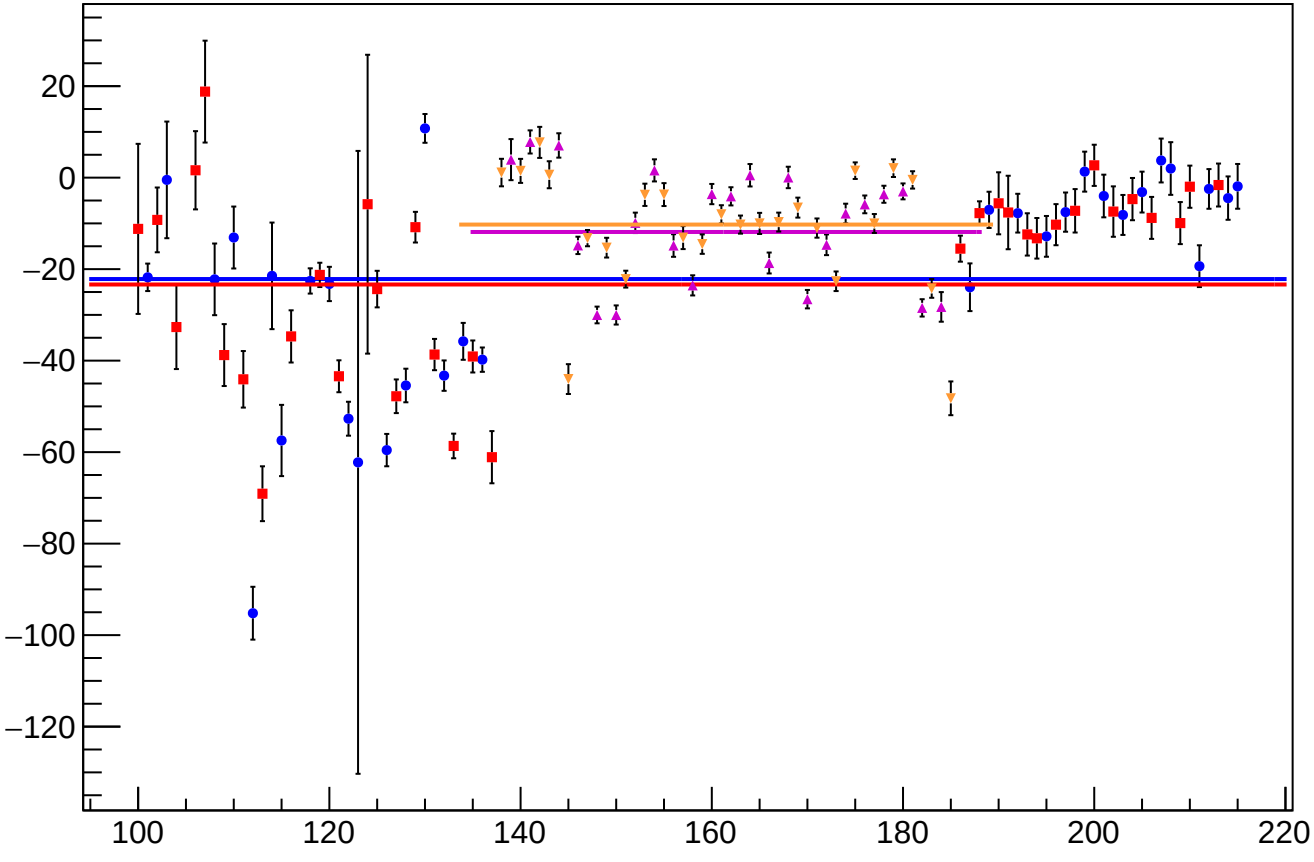
Left In: 45.211+/-0.504 χ^2/NDF:3048.5/22

\+ sign 37.664+/-0.387 χ^2/NDF: 8524.5/56

All: 37.958+/-0.267 χ^2/NDF: 17435.3/113

\- sign 38.226+/-0.370 χ^2/NDF: 8909.7/56

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: -23.357+/-0.752 χ^2/NDF: 660.5/33

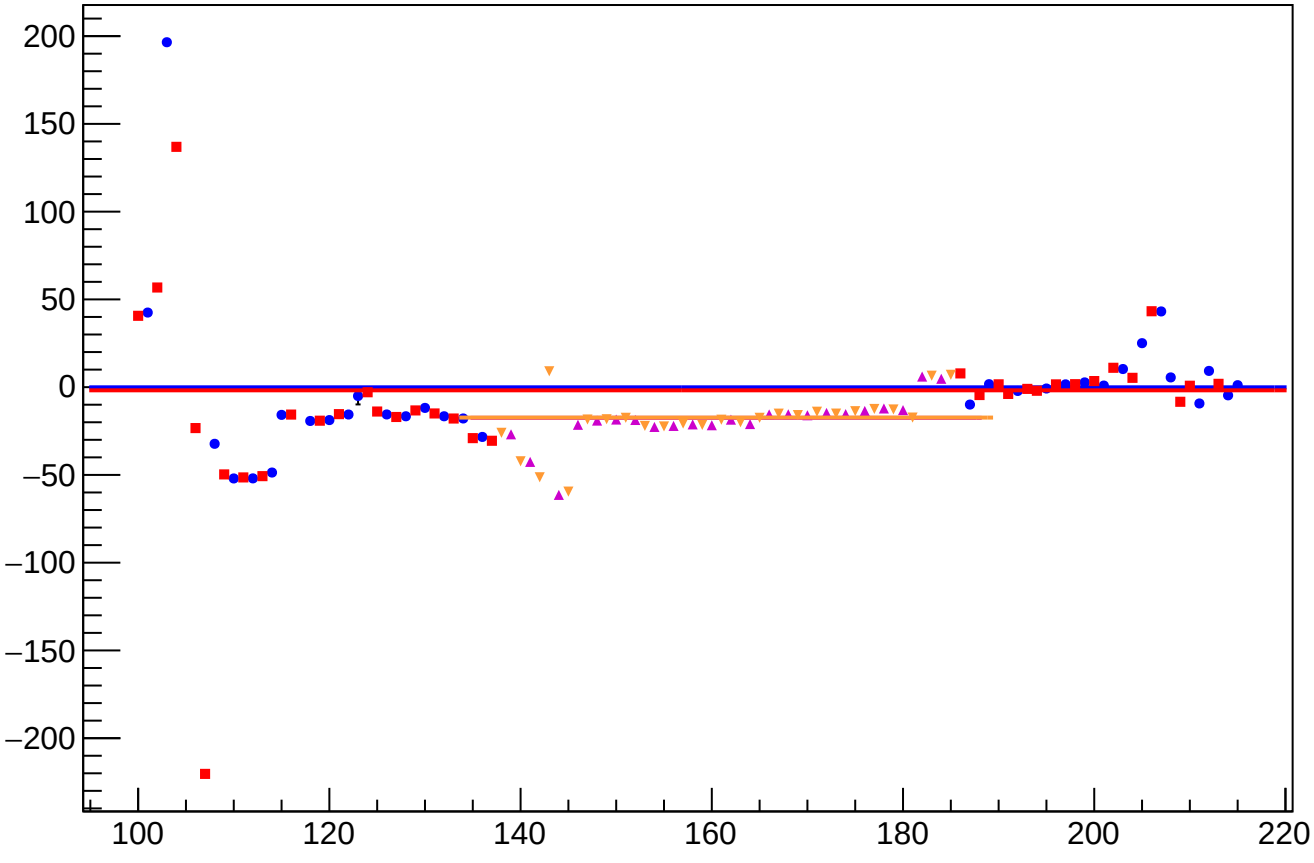
Left In: -11.877+/-0.456 χ^2/NDF:666.2/22

+ sign -13.322+/-0.383 χ^2/NDF: 1561.8/56

All: -14.128+/-0.273 χ^2/NDF: 3067.9/113

- sign -14.964+/-0.390 χ^2/NDF: 1497.1/56

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: -1.800+/-0.035 χ^2/NDF: 672316.3/33

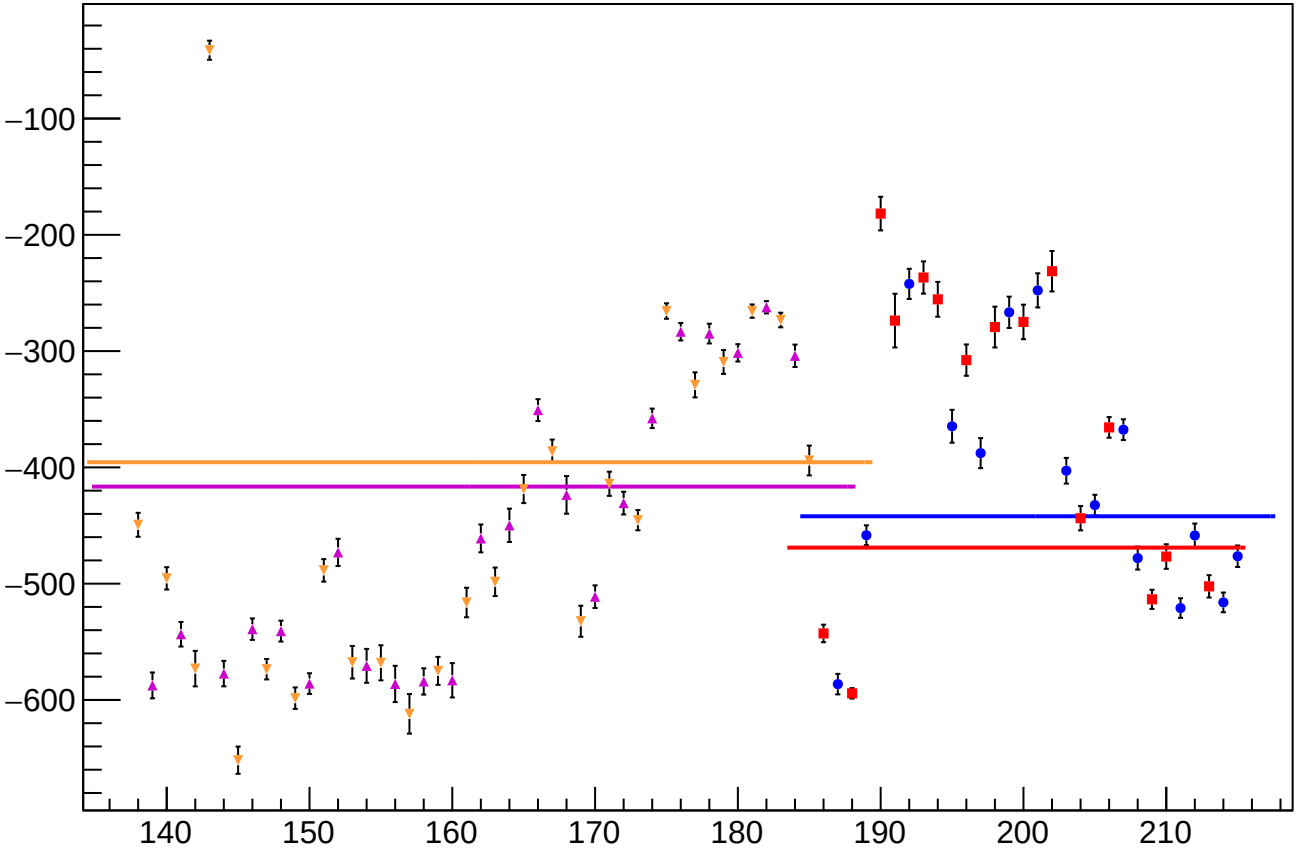
Left In: -17.491+/-0.021 χ^2/NDF:259215.8/22

+ sign -13.060+/-0.018 χ^2/NDF: 1180492.9/56

All: -13.246+/-0.013 χ^2/NDF: 2261176.1/113

- sign -13.434+/-0.018 χ^2/NDF: 1080461.9/56

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: -468.995+/-2.528 χ^2/NDF: 2625.4/14

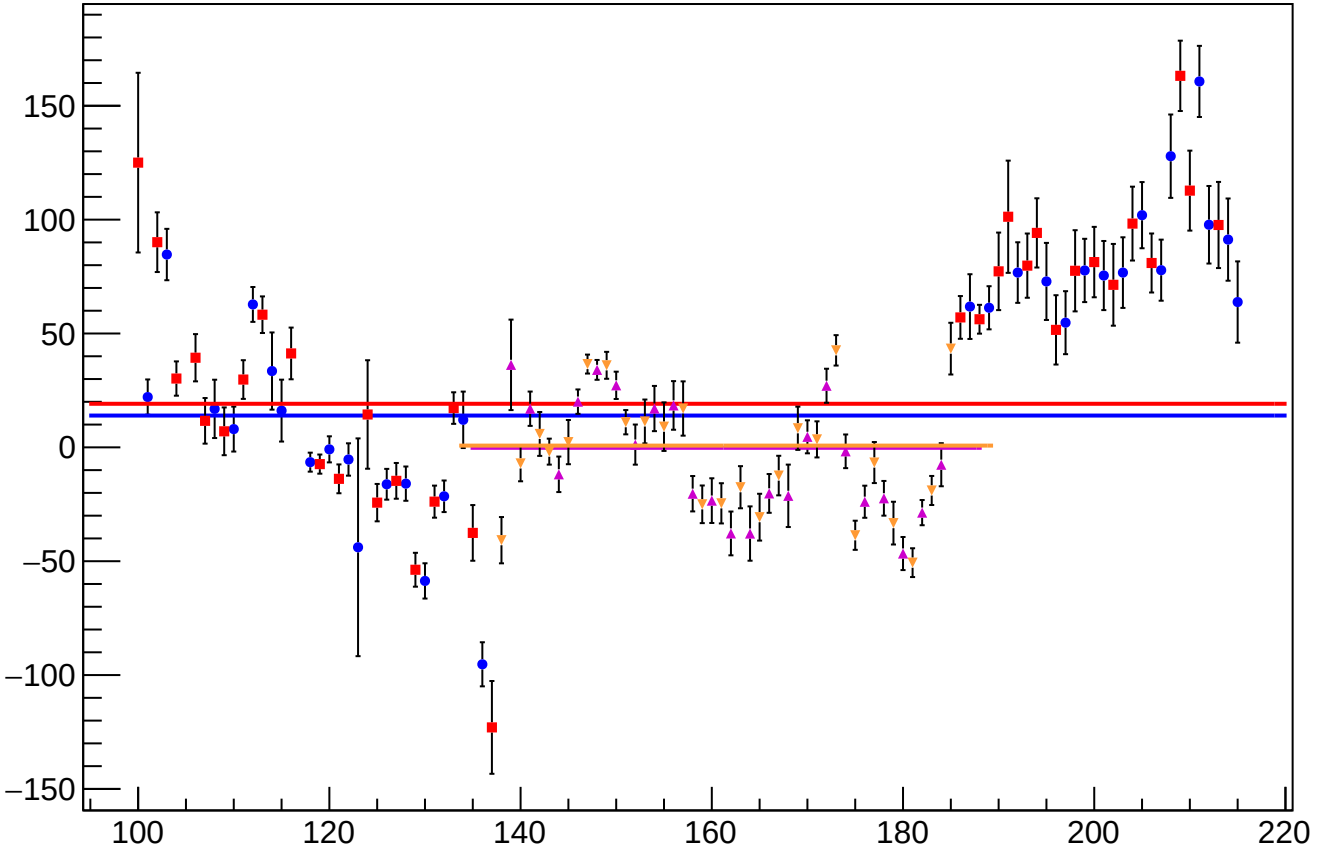
Left In: -416.521+/-2.005 χ^2/NDF:3917.0/22

+ sign -412.237+/-1.564 χ^2/NDF: 7328.8/39

All: -424.459+/-1.108 χ^2/NDF: 14258.5/77

- sign -436.784+/-1.571 χ^2/NDF: 6807.0/37

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: 19.134+/-1.672 χ^2/NDF: 725.8/33

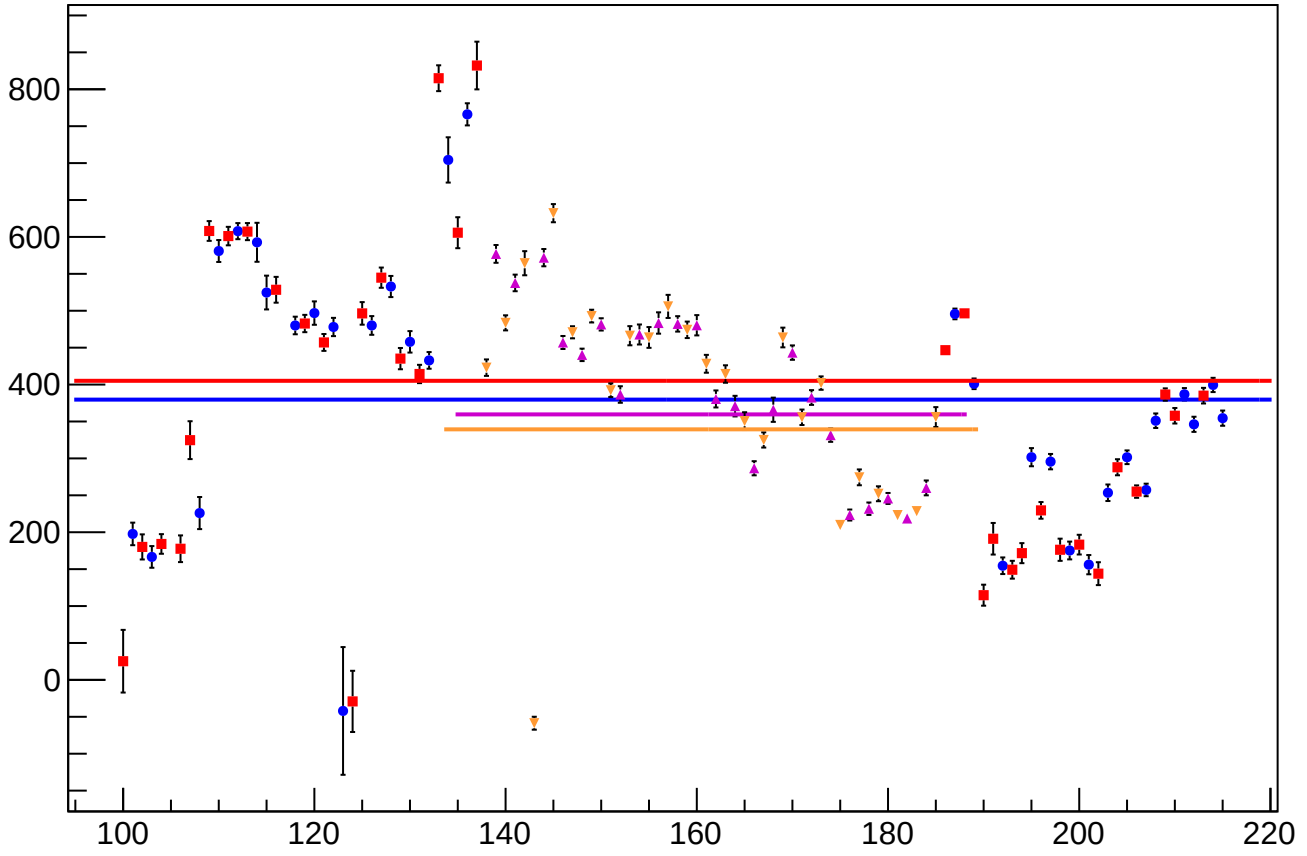
Left In: -0.202+/-1.575 χ^2/NDF:260.8/22

+ sign 6.504+/-1.130 χ^2/NDF: 1153.0/56

All: 7.679+/-0.805 χ^2/NDF: 2212.7/113

- sign 8.889+/-1.147 χ^2/NDF: 1057.5/56

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: 405.106+/-1.889 χ^2/NDF: 6109.3/33

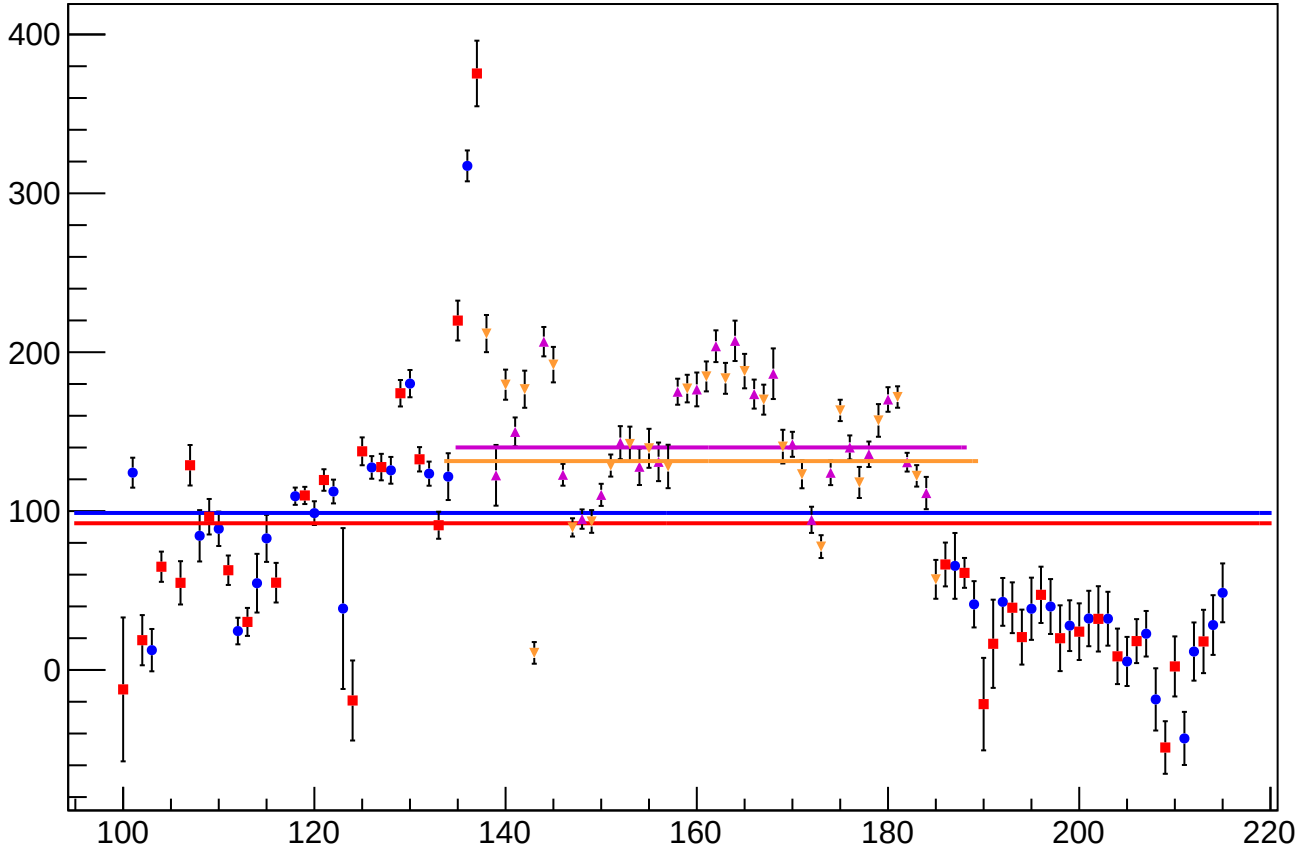
Left In: 359.609+/-2.003 χ^2/NDF:3398.5/22

\+ sign 358.555+/-1.420 χ^2/NDF: 9838.3/56

All: 371.533+/-0.987 χ^2/NDF: 19781.1/113

\- sign 383.690+/-1.374 χ^2/NDF: 9781.0/56

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: 92.340+/-1.962 χ^2/NDF: 895.0/33

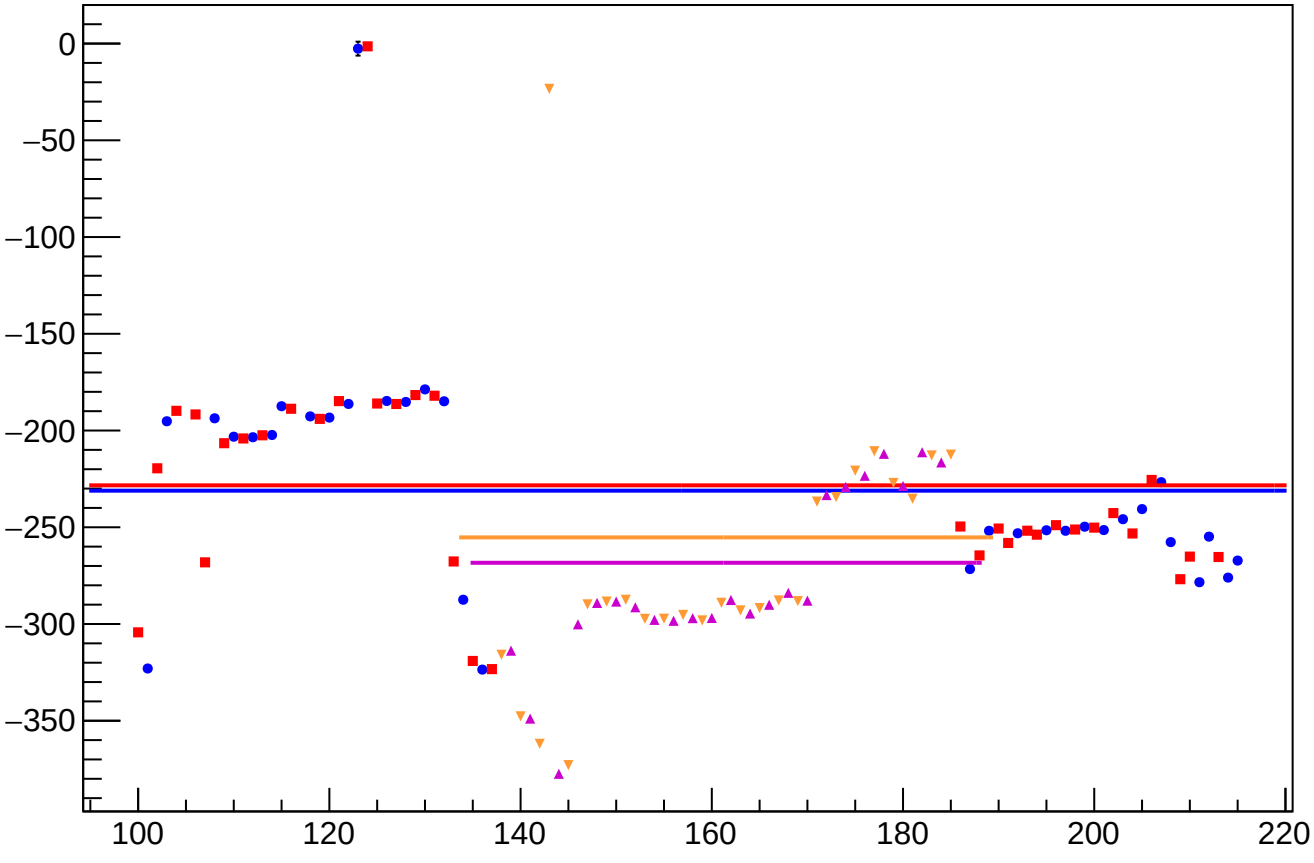
Left In: 140.069+/-1.795 χ^2/NDF:316.5/22

+ sign 117.422+/-1.304 χ^2/NDF: 2061.7/56

All: 117.866+/-0.929 χ^2/NDF: 3595.6/113

- sign 118.325+/-1.325 χ^2/NDF: 1533.6/56

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: -228.330+/-0.101 χ^2/NDF: 156553.0/33

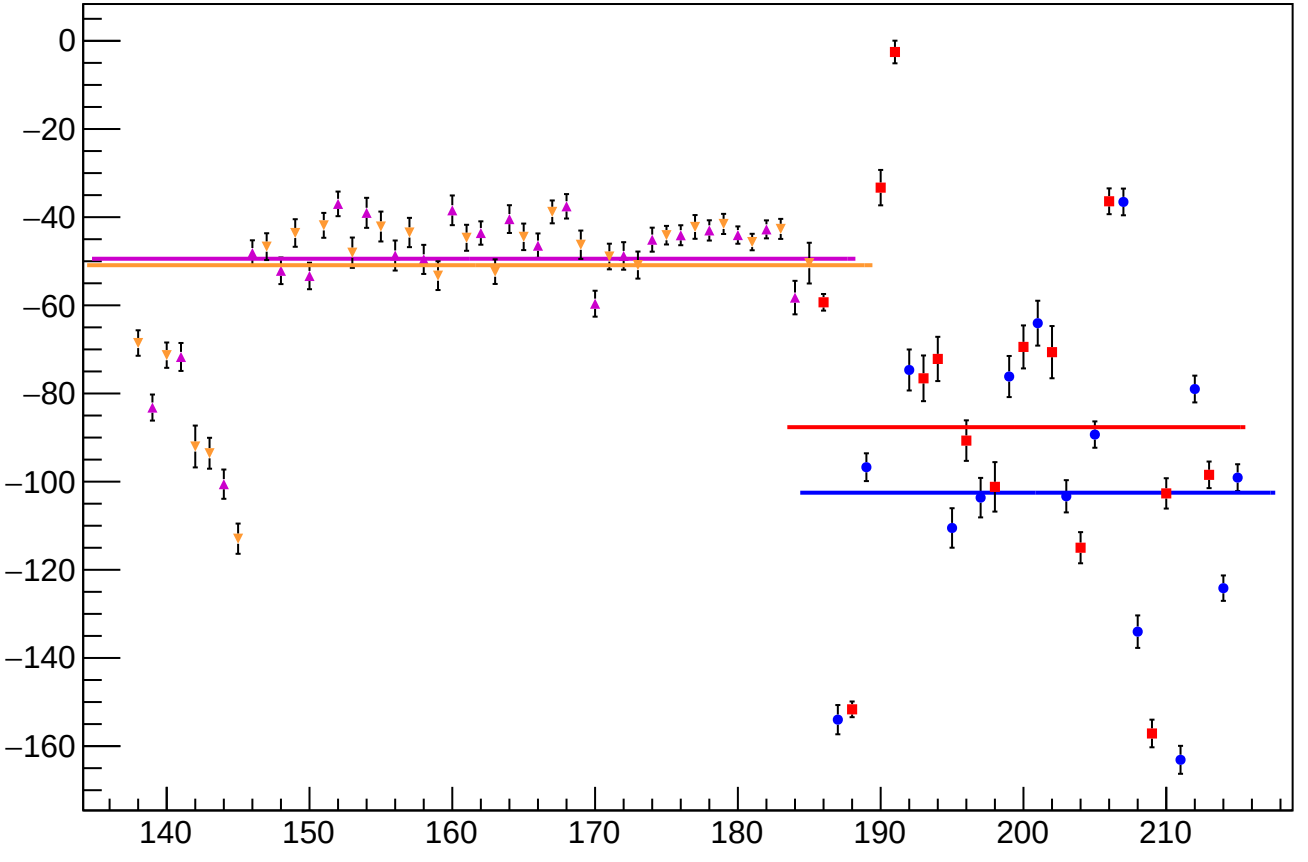
Left In: -268.353+/-0.084 χ^2/NDF:262479.3/22

+ sign -246.124+/-0.065 χ^2/NDF: 937368.6/56

All: -249.140+/-0.046 χ^2/NDF: 1453542.5/11

- sign -252.137+/-0.064 χ^2/NDF: 511840.3/56

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: -87.642+/-0.808 χ^2/NDF: 3732.2/14

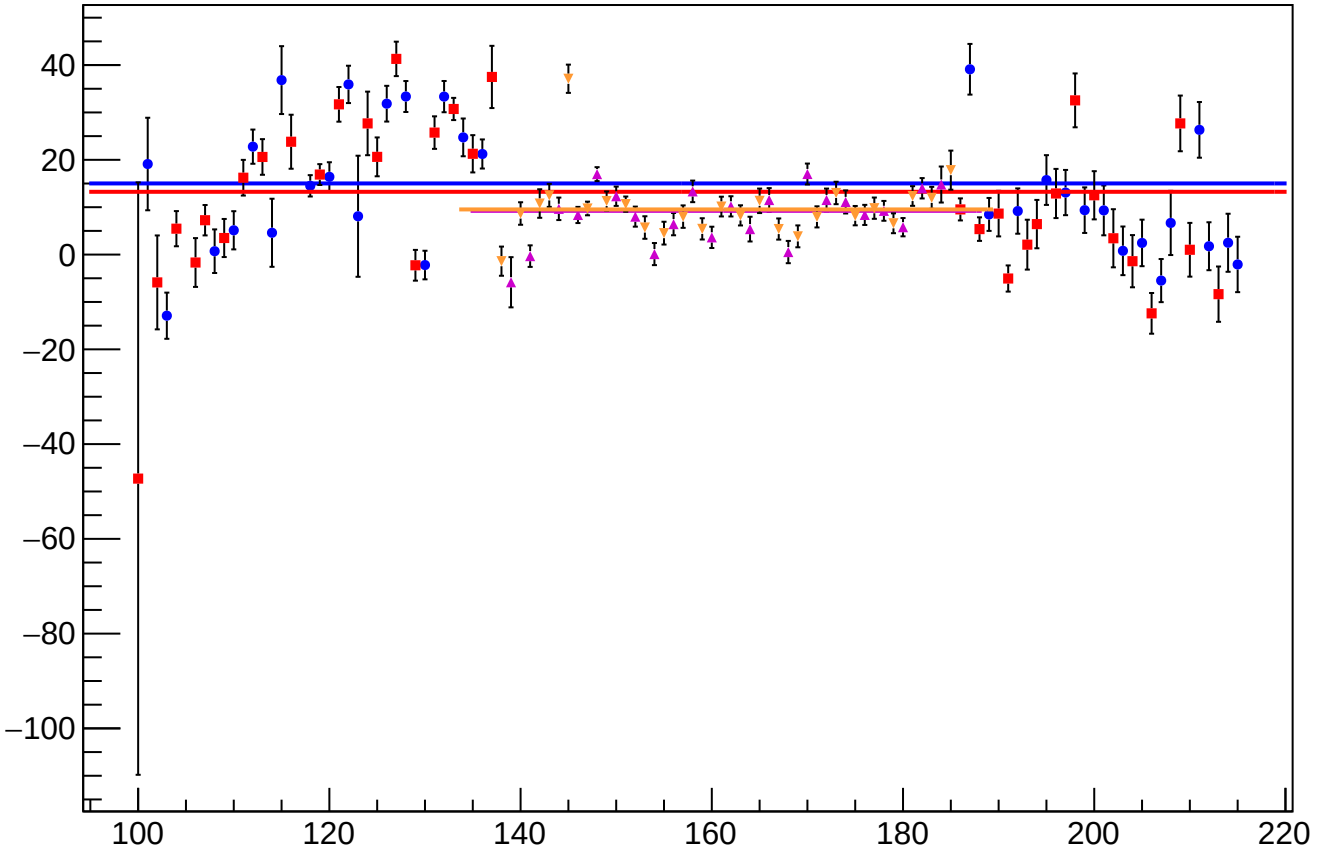
Left In: -49.432+/-0.584 χ^2/NDF:543.4/22

+ sign -65.717+/-0.484 χ^2/NDF: 4514.1/39

All: -64.090+/-0.338 χ^2/NDF: 10279.7/77

- sign -62.530+/-0.473 χ^2/NDF: 5743.5/37

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: 13.251+/-0.667 χ^2/NDF: 384.7/33

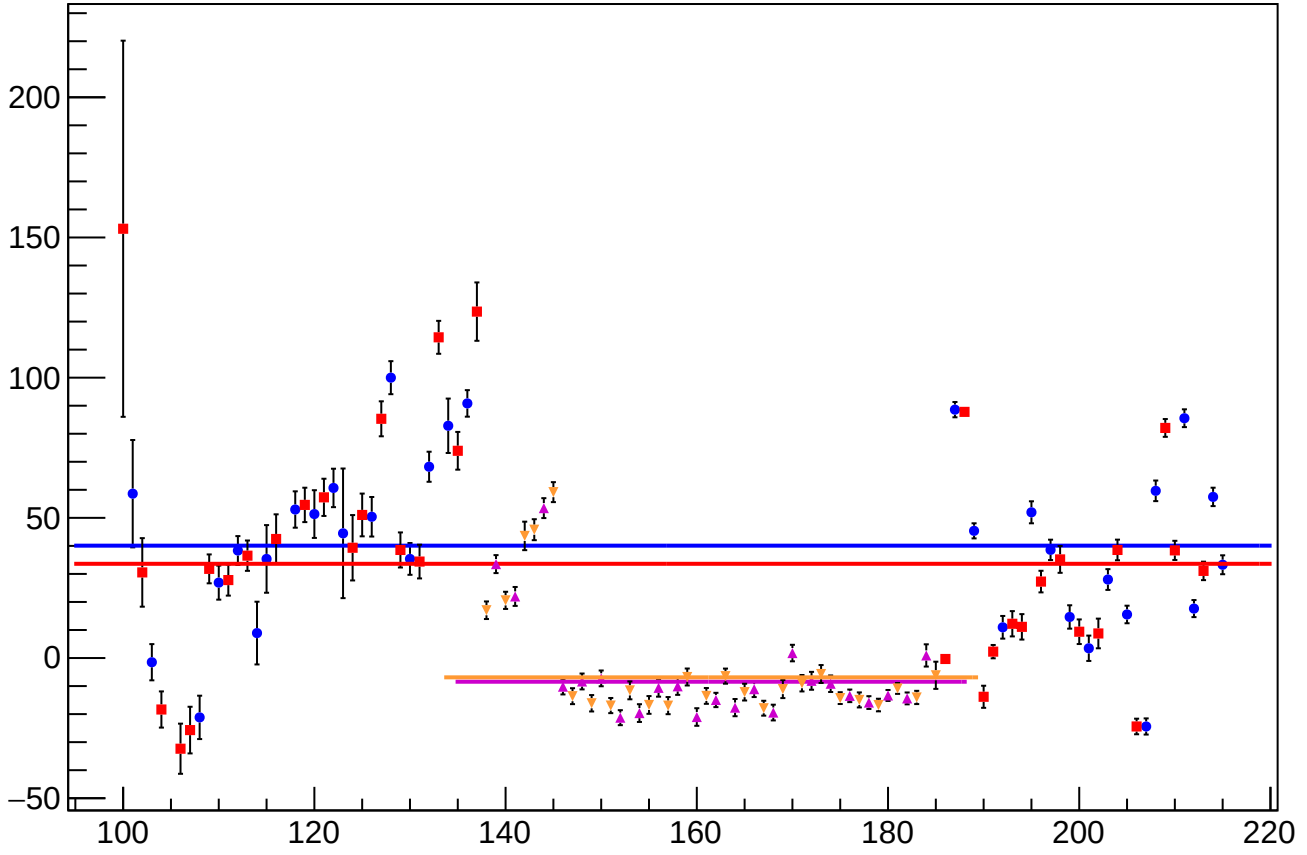
Left In: 9.231+/-0.462 χ^2/NDF:124.0/22

+ sign 10.964+/-0.383 χ^2/NDF: 479.6/56

All: 10.746+/-0.270 χ^2/NDF: 1013.5/113

- sign 10.532+/-0.380 χ^2/NDF: 533.2/56

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: 33.610+/-0.655 χ^2/NDF: 3596.7/33

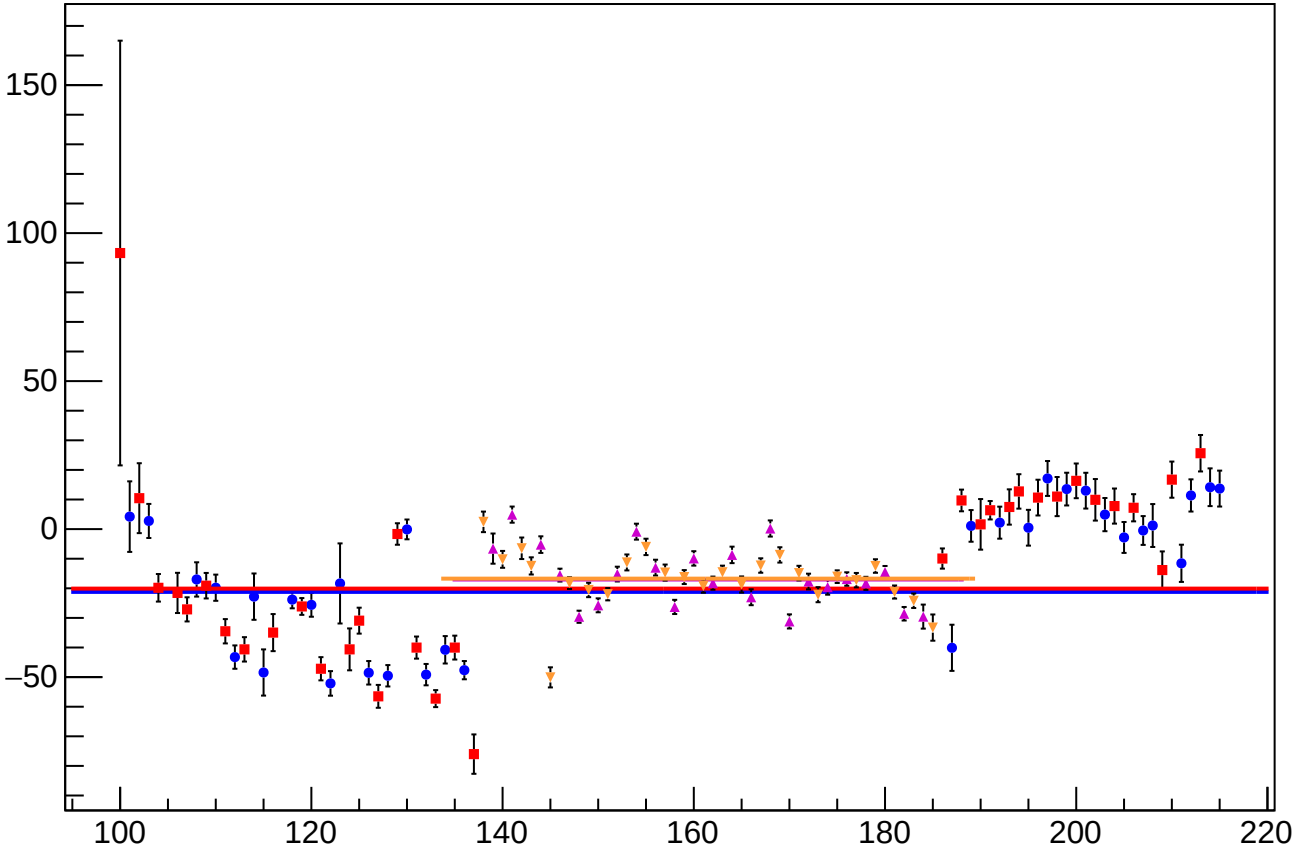
Left In: -8.451+/-0.580 χ^2/NDF:688.9/22

+ sign 9.809+/-0.458 χ^2/NDF: 5097.6/56

All: 9.920+/-0.315 χ^2/NDF: 11694.2/113

- sign 10.019+/-0.434 χ^2/NDF: 6596.6/56

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: -20.104+/-0.790 χ^2/NDF: 989.2/33

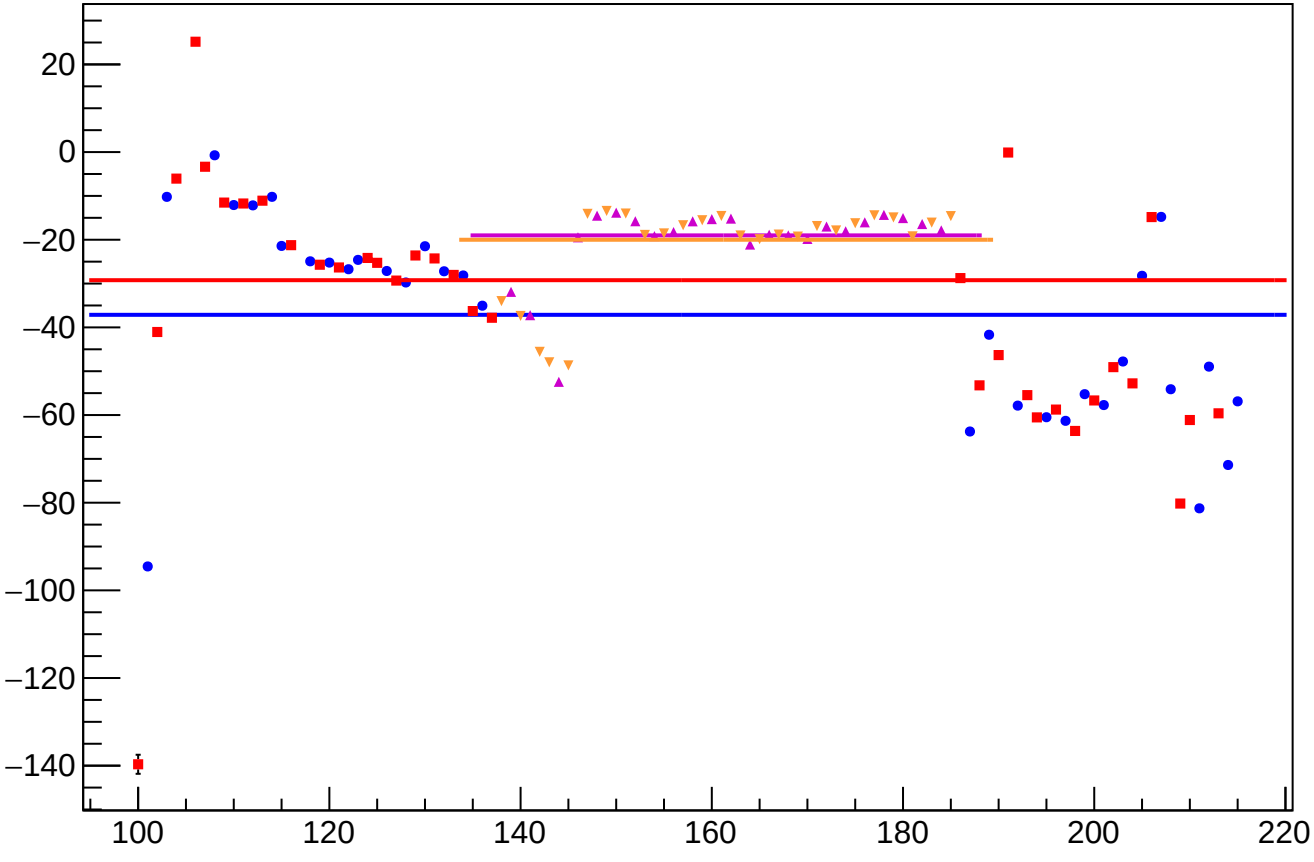
Left In: -17.023+/-0.522 χ^2/NDF:327.6/22

+ sign -17.890+/-0.436 χ^2/NDF: 999.6/56

All: -17.925+/-0.308 χ^2/NDF: 2327.0/113

- sign -17.959+/-0.435 χ^2/NDF: 1327.4/56

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: -29.232+/-0.036 χ^2/NDF: 469478.5/33

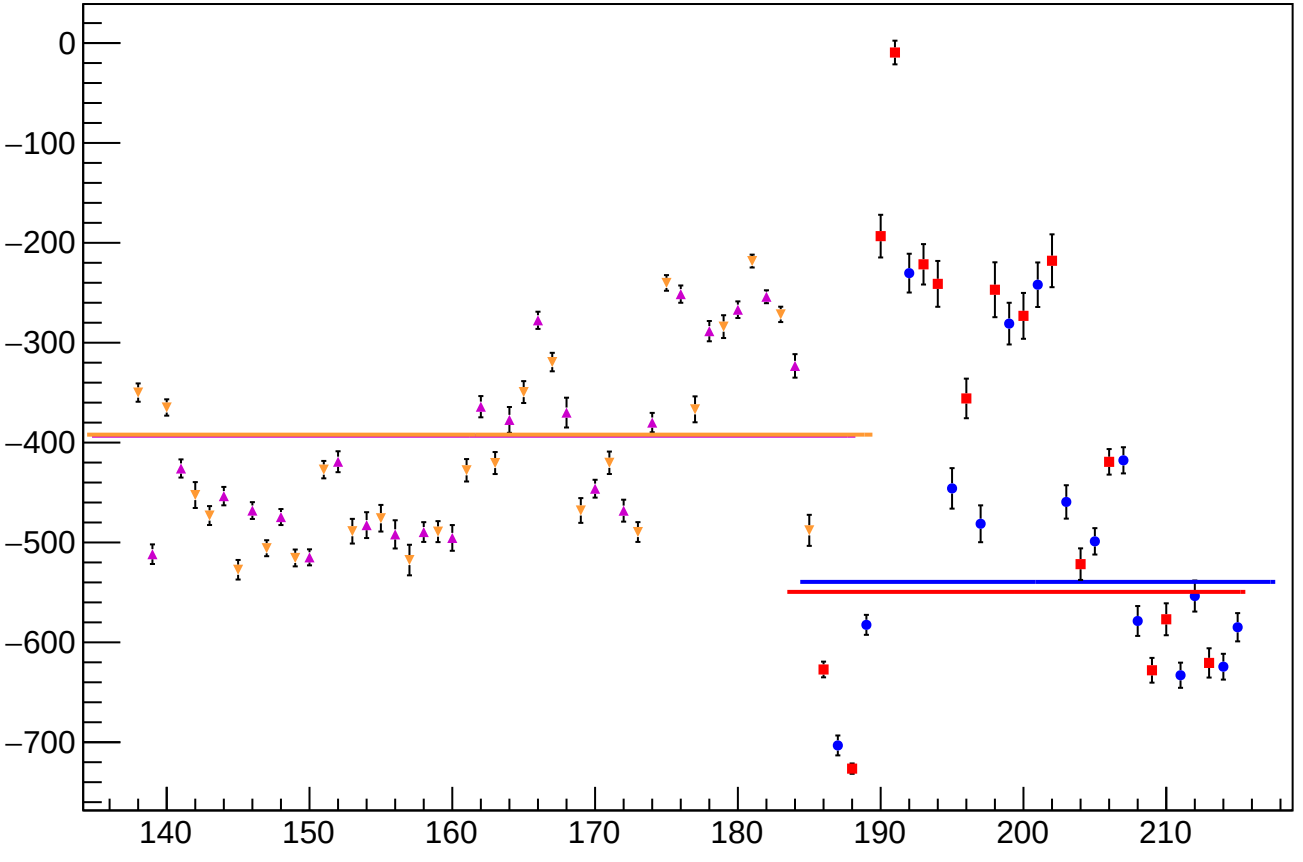
Left In: -19.007+/-0.024 χ^2/NDF:90873.3/22

+ sign -24.234+/-0.020 χ^2/NDF: 537864.3/56

All: -23.133+/-0.014 χ^2/NDF: 1160014.8/113

- sign -22.076+/-0.020 χ^2/NDF: 616334.3/56

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: -549.472+/-3.170 χ^2/NDF: 4752.3/14

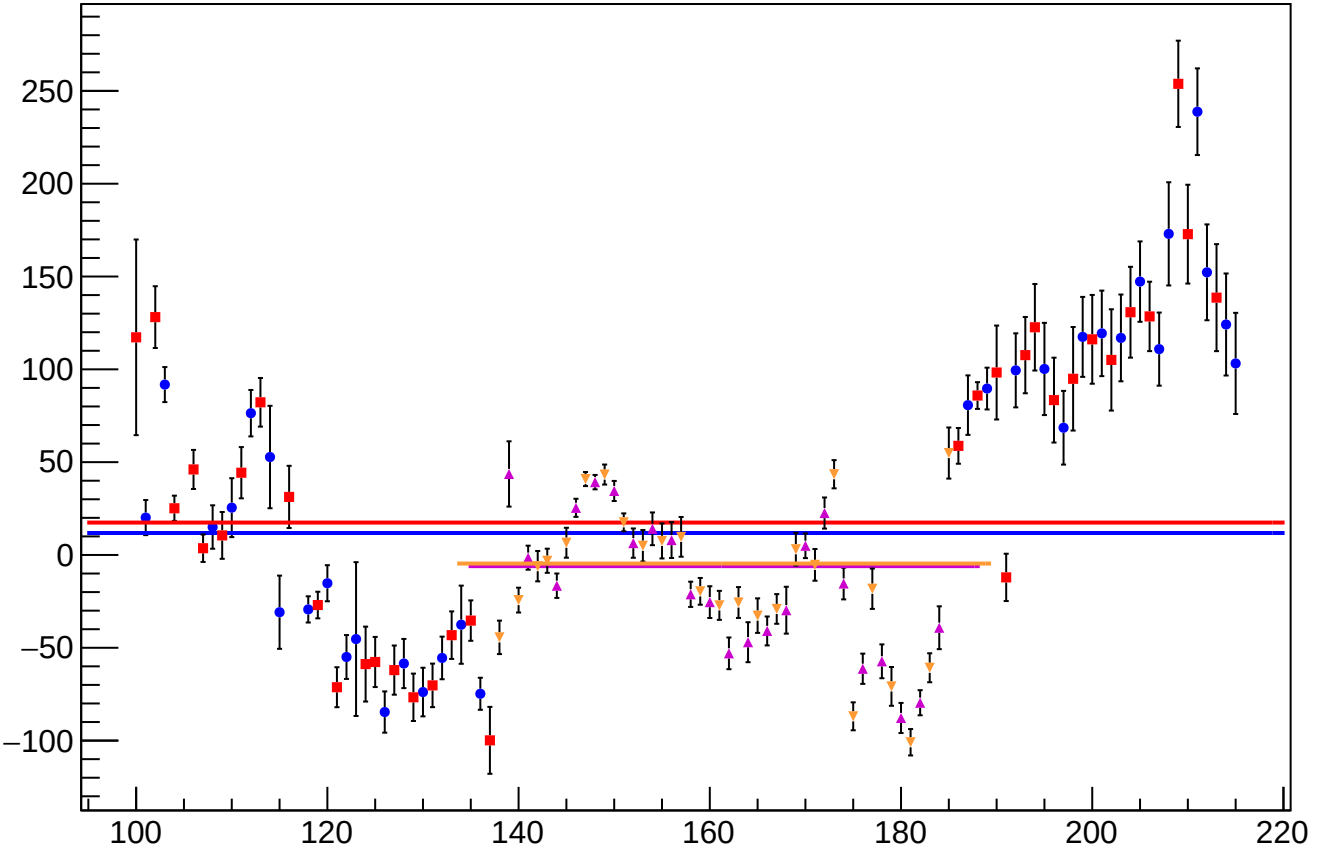
Left In: -393.113+/-2.006 χ^2/NDF:2253.3/22

+ sign -424.655+/-1.736 χ^2/NDF: 5099.4/39

All: -431.384+/-1.213 χ^2/NDF: 13871.5/77

- sign -437.801+/-1.695 χ^2/NDF: 8742.8/37

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: 17.457+/-2.214 χ^2/NDF: 894.5/33

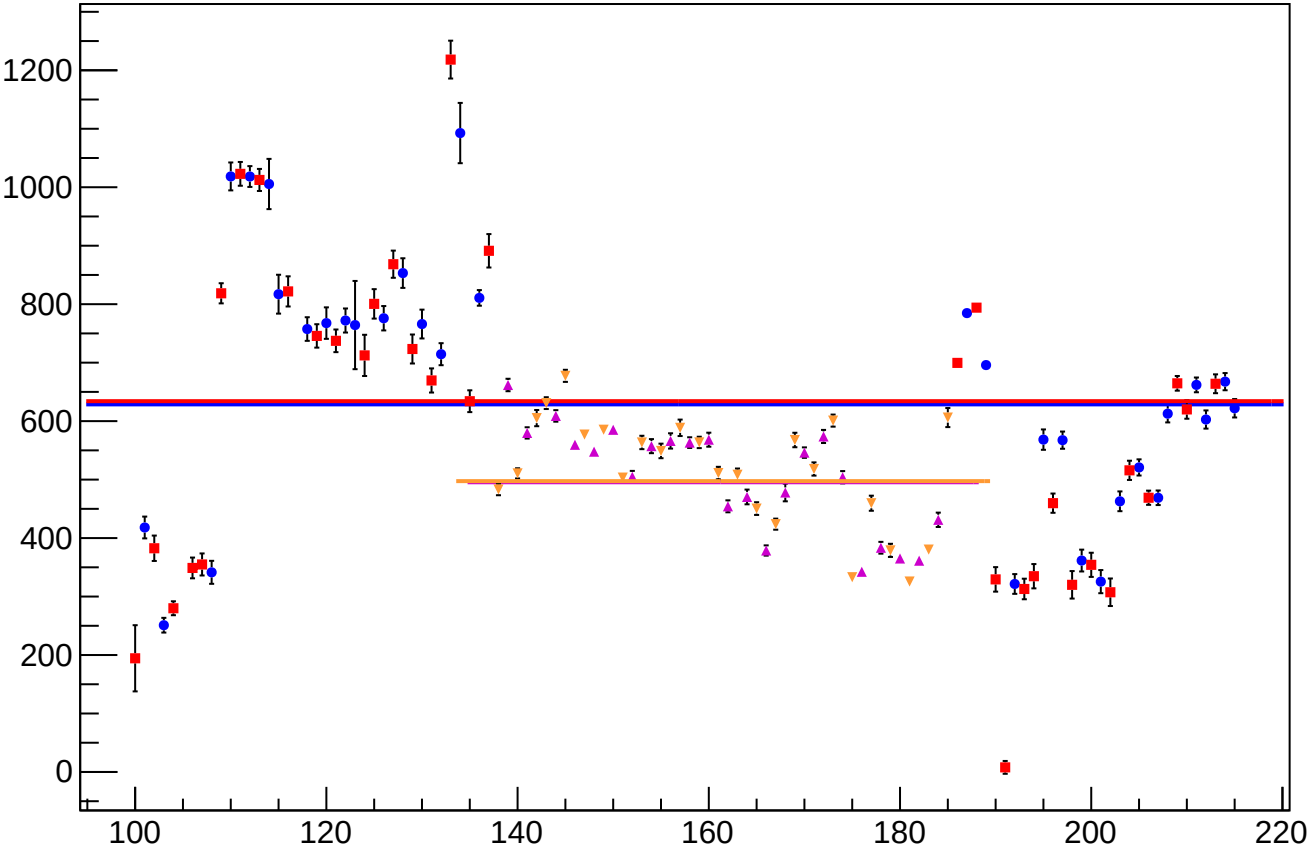
Left In: -6.019+/-1.516 χ^2/NDF:654.1/22

\+ sign -0.397+/-1.261 χ^2/NDF: 1697.2/56

All: 0.545+/-0.888 χ^2/NDF: 3323.4/113

\- sign 1.474+/-1.251 χ^2/NDF: 1625.1/56

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: 634.135+/-2.372 χ^2/NDF: 9632.3/33

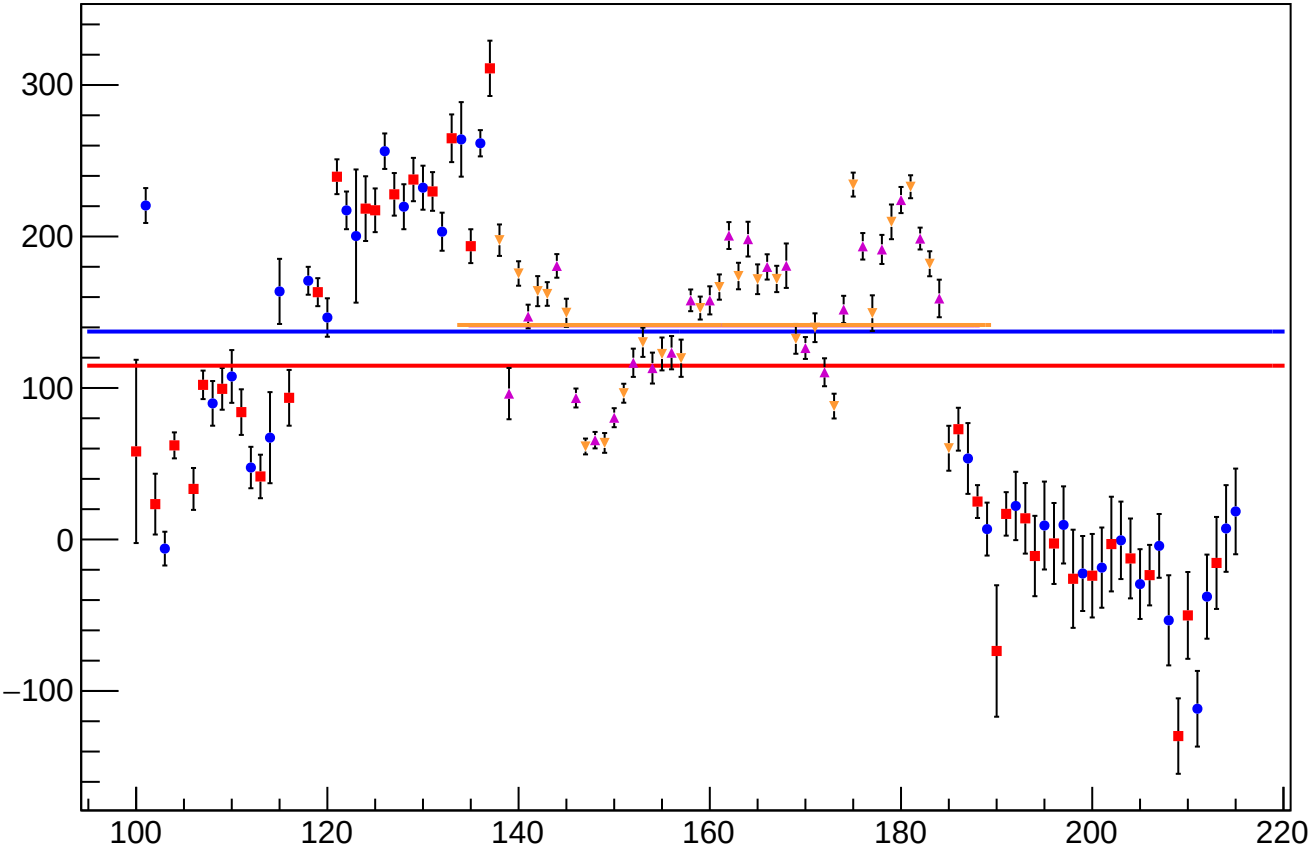
Left In: 495.454+/-1.992 χ^2/NDF:2253.8/22

+ sign 539.864+/-1.617 χ^2/NDF: 8287.7/56

All: 546.712+/-1.110 χ^2/NDF: 22211.9/113

- sign 552.808+/-1.526 χ^2/NDF: 13890.3/56

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: 114.714+/-2.649 χ^2/NDF: 1304.0/33

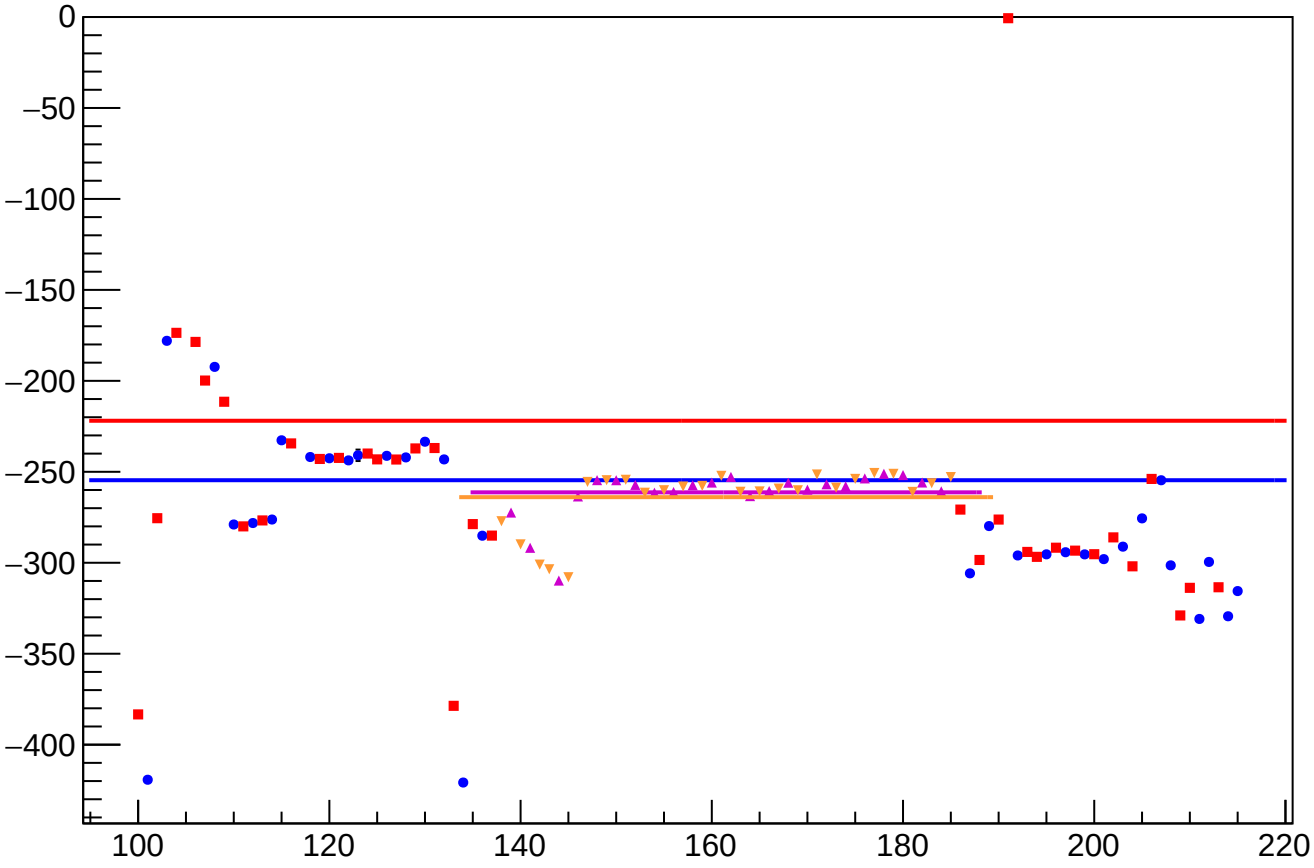
Left In: 141.360+/-1.748 χ^2/NDF:741.2/22

+ sign 140.474+/-1.464 χ^2/NDF: 2296.2/56

All: 136.864+/-1.033 χ^2/NDF: 4424.0/113

- sign 133.279+/-1.459 χ^2/NDF: 2115.7/56

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: -221.938+/-0.121 χ^2/NDF: 510368.6/33

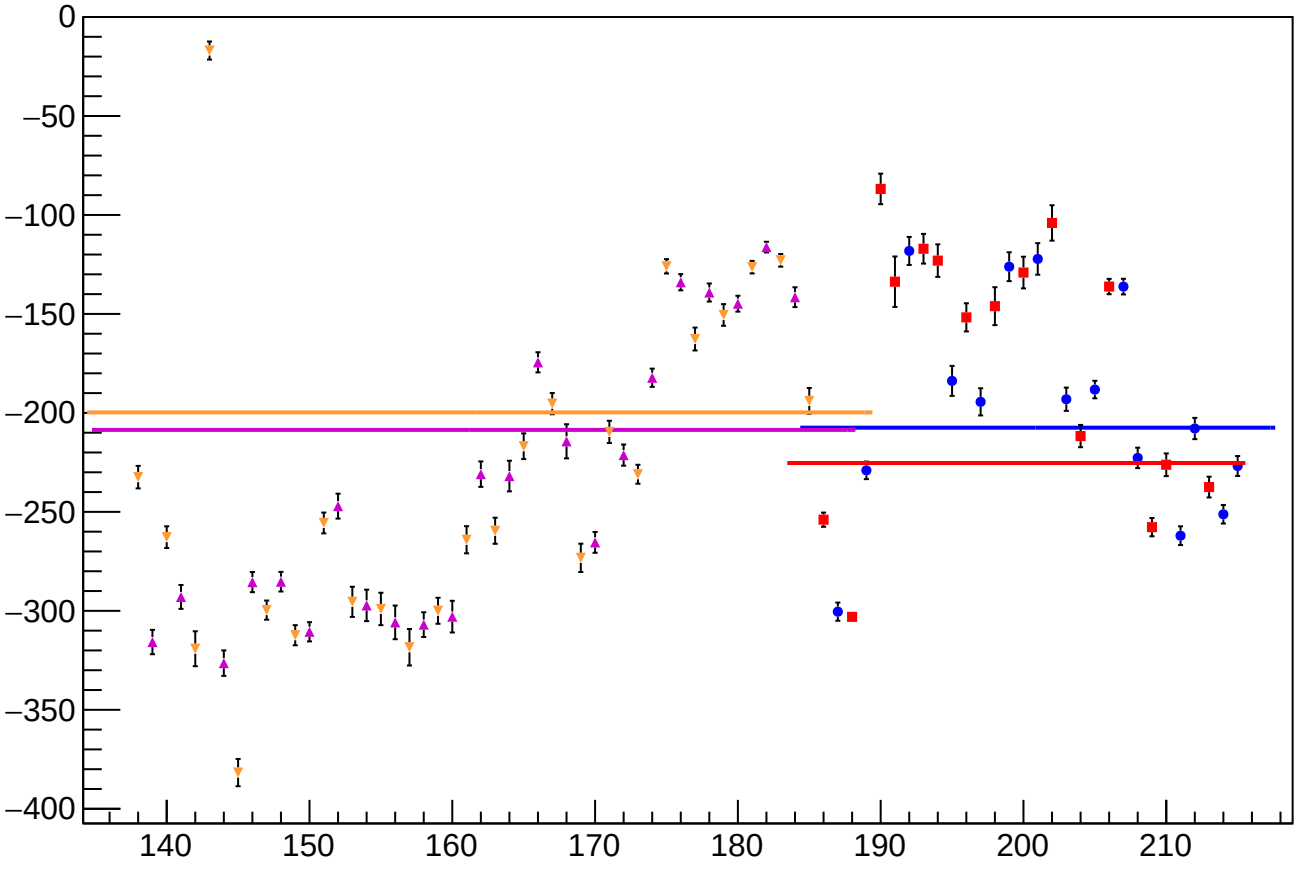
Left In: -261.286+/-0.082 χ^2/NDF:23348.4/22

+ sign -261.447+/-0.070 χ^2/NDF: 249485.4/56

All: -255.068+/-0.049 χ^2/NDF: 871761.9/113

- sign -248.974+/-0.068 χ^2/NDF: 605813.6/56

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: -225.309+/-1.311 χ^2/NDF: 2970.4/14

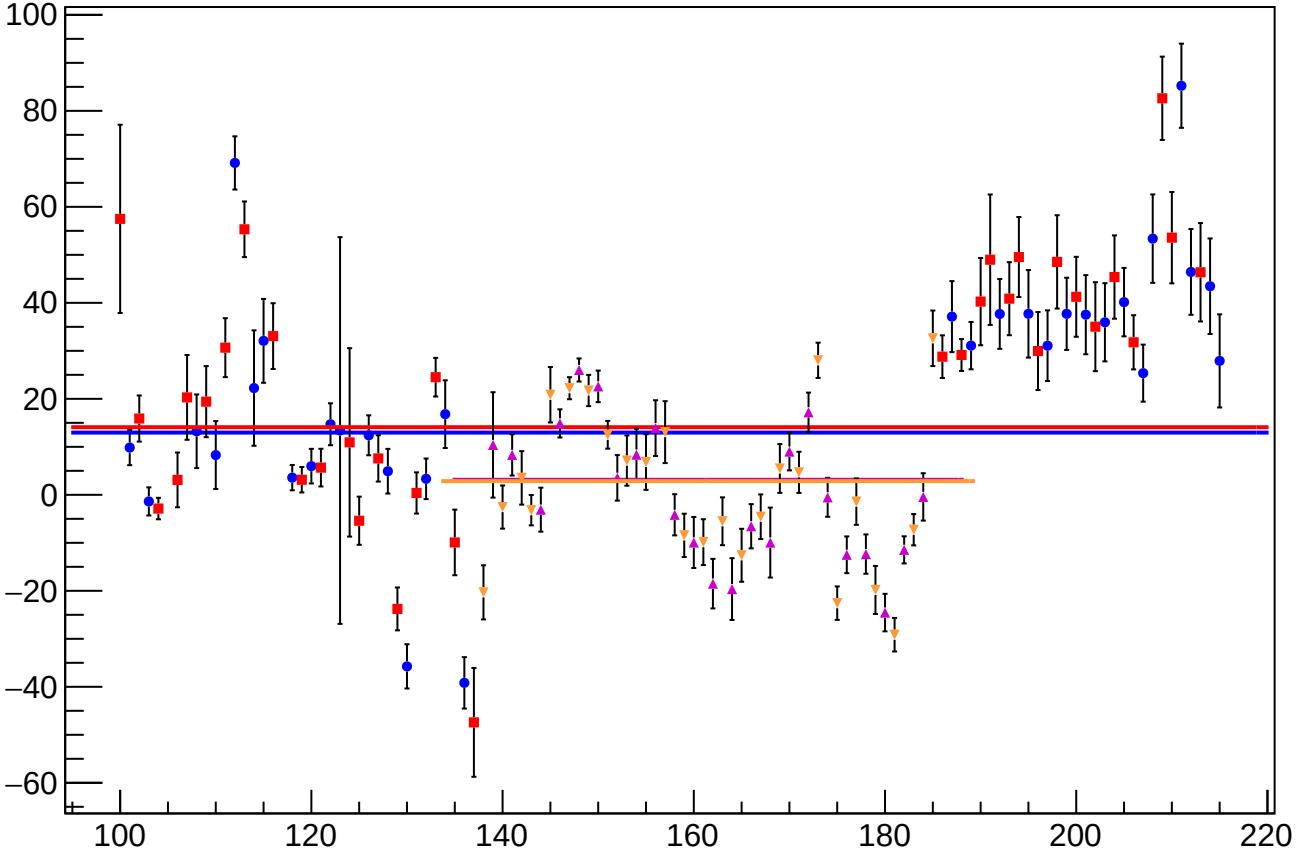
Left In: -208.579+/-1.082 χ^2/NDF:4805.1/22

+ sign -202.654+/-0.838 χ^2/NDF: 7819.6/39

All: -209.029+/-0.591 χ^2/NDF: 15807.5/77

- sign -215.360+/-0.835 χ^2/NDF: 7872.4/37

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: 14.089+/-0.915 χ^2/NDF: 523.1/33

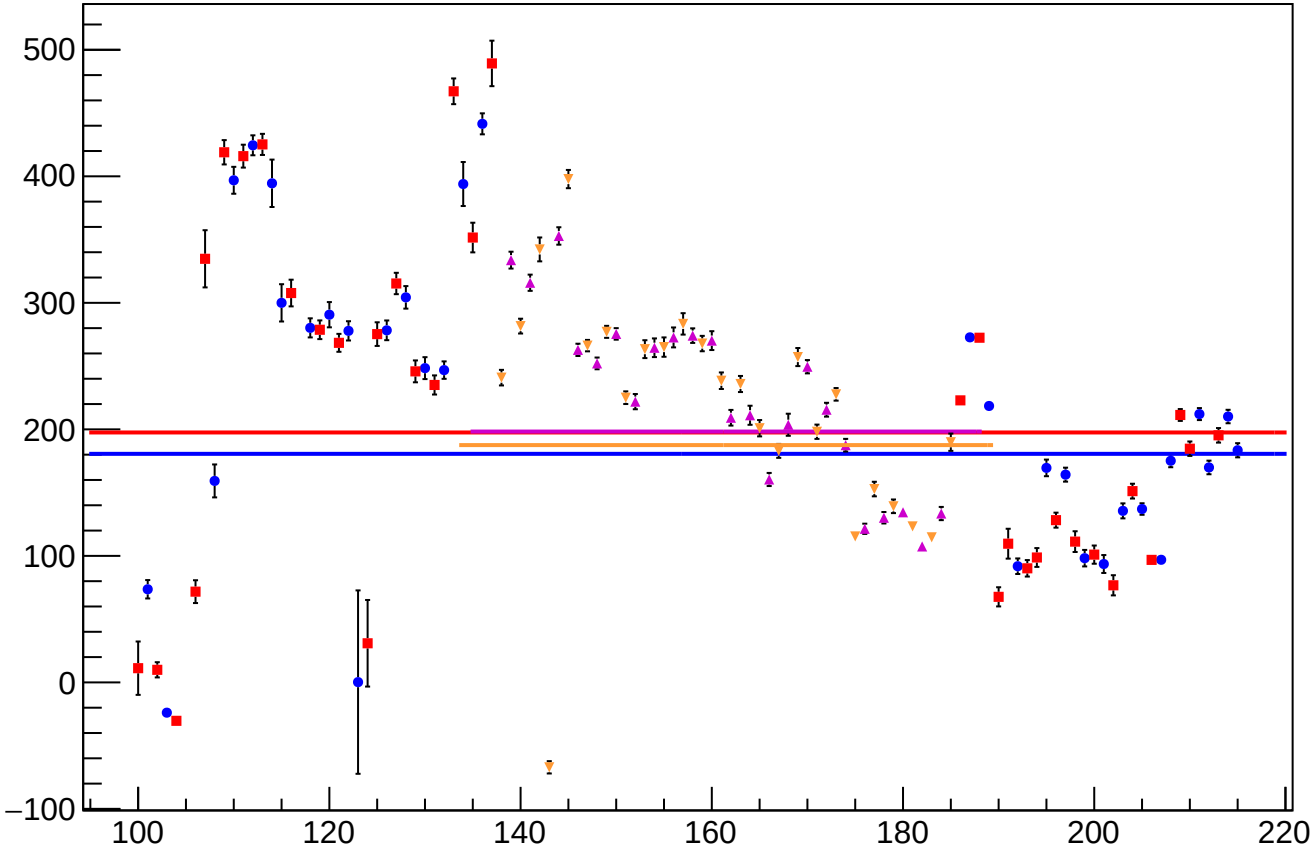
Left In: 3.136+/-0.857 χ^2/NDF:319.8/22

+ sign 7.103+/-0.624 χ^2/NDF: 1057.0/56

All: 7.676+/-0.442 χ^2/NDF: 1977.9/113

- sign 8.251+/-0.625 χ^2/NDF: 919.2/56

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: 197.544+/-0.990 χ^2/NDF: 12144.8/33

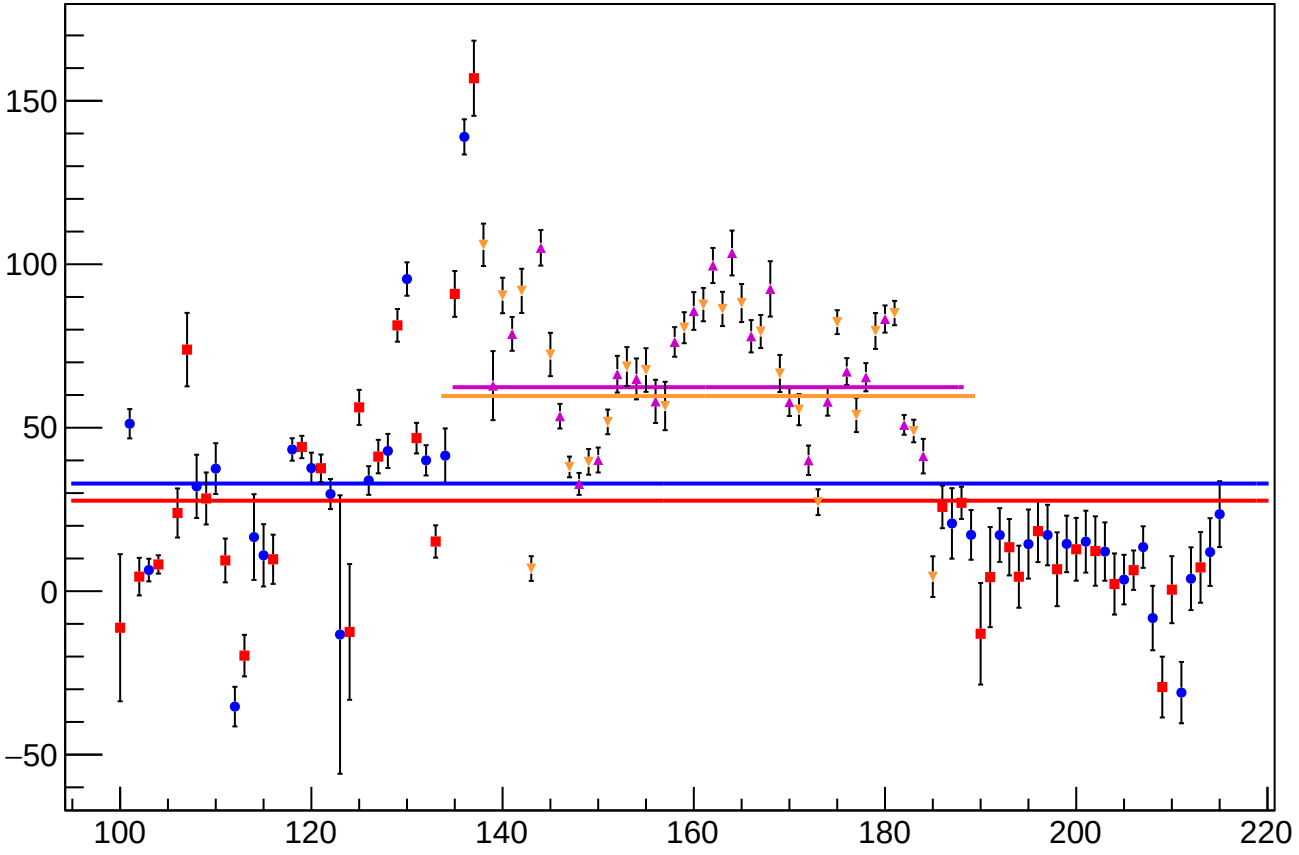
Left In: 198.269+/-1.082 χ^2/NDF:4515.8/22

\+ sign 184.164+/-0.760 χ^2/NDF: 15872.8/56

All: 191.289+/-0.526 χ^2/NDF: 32703.0/113

\- sign 197.874+/-0.730 χ^2/NDF: 16660.9/56

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: 27.682+/-1.090 χ^2/NDF: 662.2/33

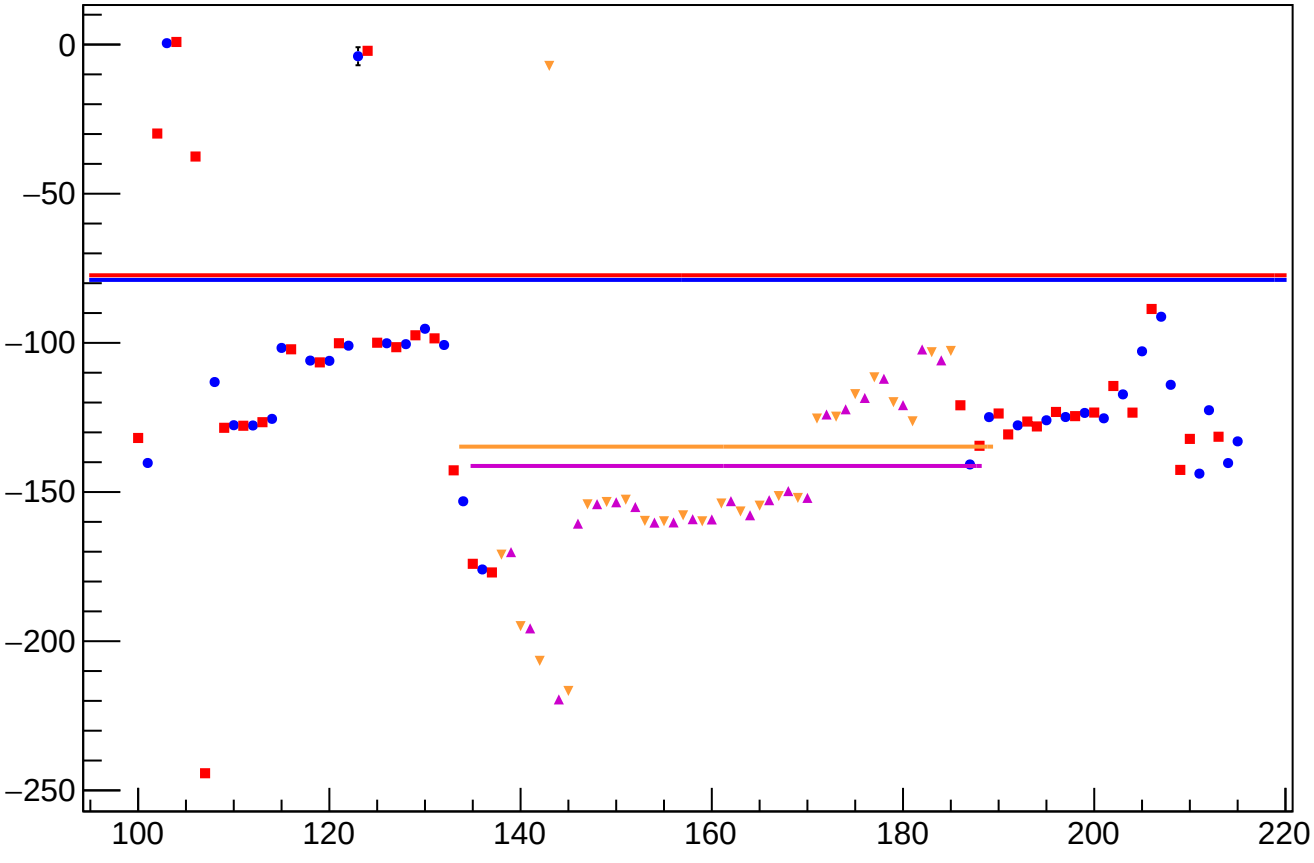
Left In: 62.400+/-0.974 χ^2/NDF:406.3/22

\+ sign 48.614+/-0.720 χ^2/NDF: 1989.4/56

All: 47.804+/-0.511 χ^2/NDF: 3624.5/113

\- sign 46.979+/-0.726 χ^2/NDF: 1632.6/56

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: -77.340+/-0.049 χ^2/NDF: 1443026.2/33

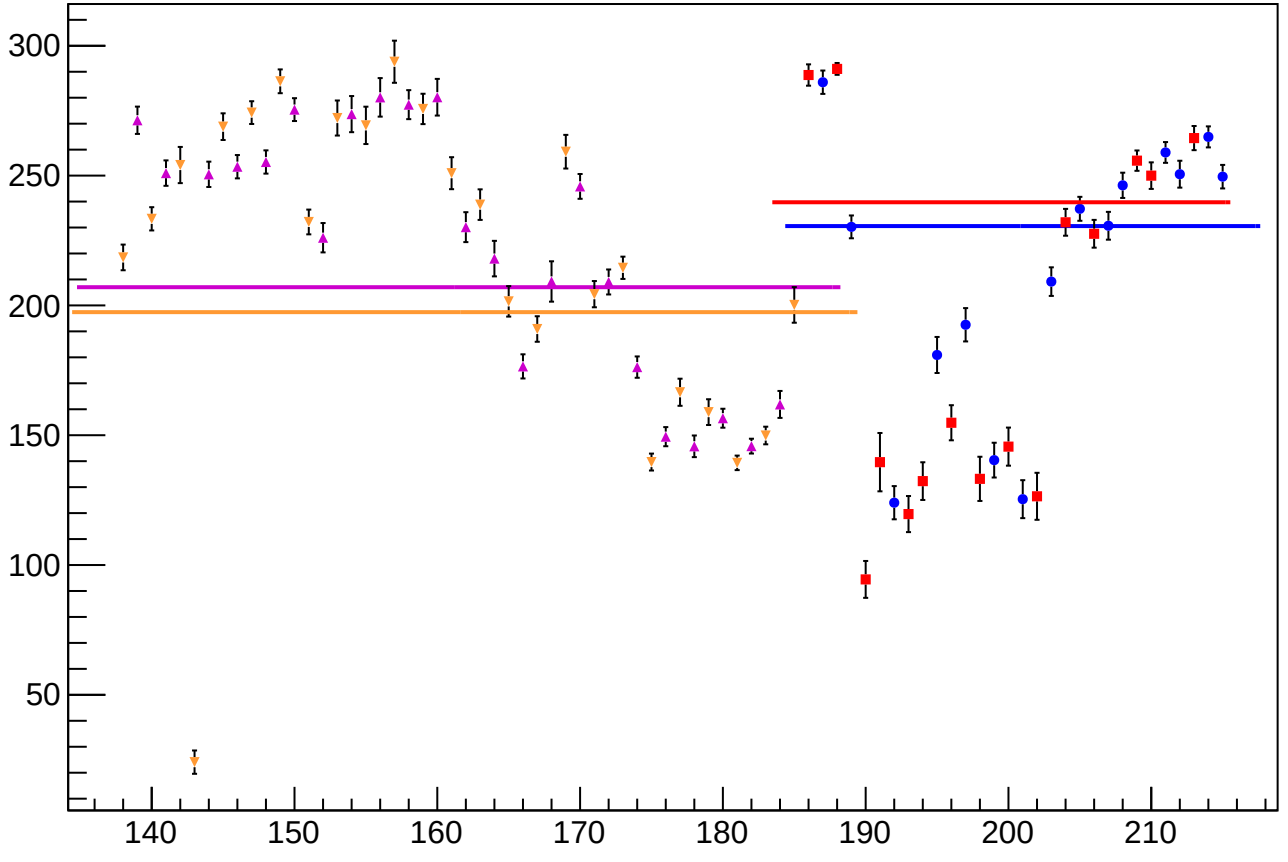
Left In: -141.255+/-0.045 χ^2/NDF:347229.8/22

+ sign -110.195+/-0.033 χ^2/NDF: 2967905.6/56

All: -111.012+/-0.024 χ^2/NDF: 5676317.8/11

- sign -111.827+/-0.033 χ^2/NDF: 2707210.9/56

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: 239.729+/-1.283 χ^2/NDF: 2357.2/14

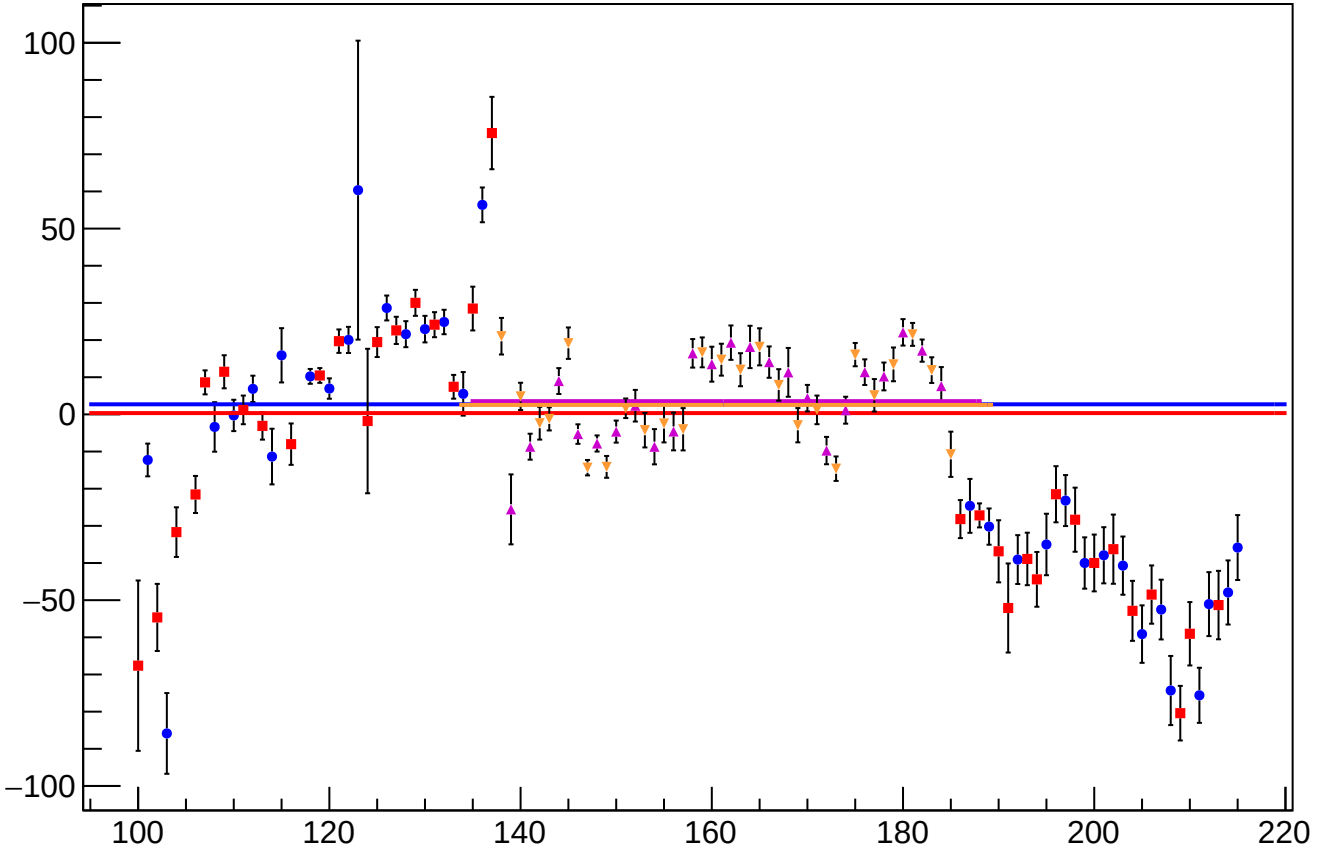
Left In: 207.014+/-0.990 χ^2/NDF:2611.5/22

+ sign 208.976+/-0.777 χ^2/NDF: 5883.7/39

All: 214.056+/-0.552 χ^2/NDF: 11346.3/77

- sign 219.228+/-0.784 χ^2/NDF: 5376.3/37

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: 0.347+/-0.810 χ^2/NDF: 992.7/33

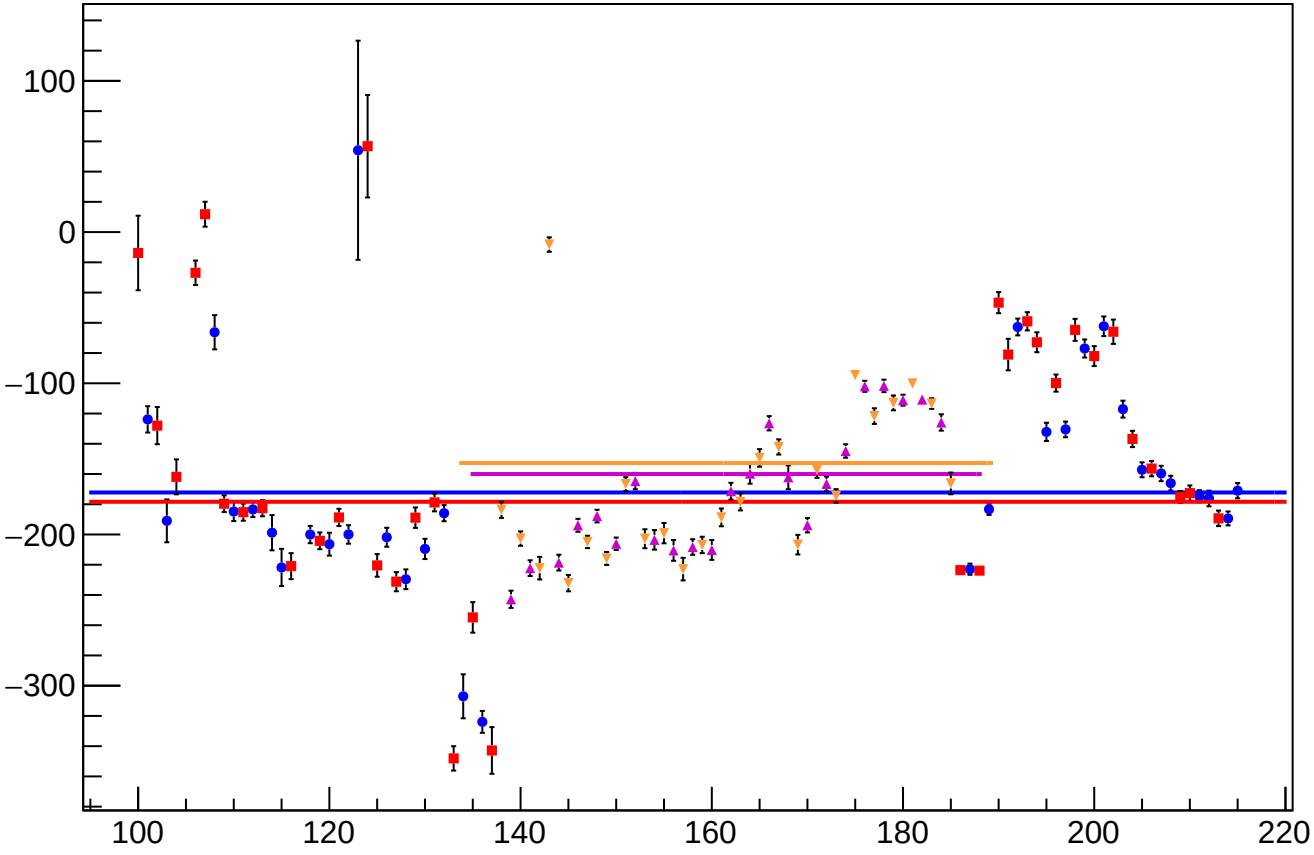
Left In: 3.559+/-0.774 χ^2/NDF:192.0/22

+ sign 2.619+/-0.556 χ^2/NDF: 1321.4/56

All: 2.325+/-0.394 χ^2/NDF: 2514.9/113

- sign 2.026+/-0.560 χ^2/NDF: 1192.9/56

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: -178.371+/-0.947 χ^2/NDF: 4584.8/33

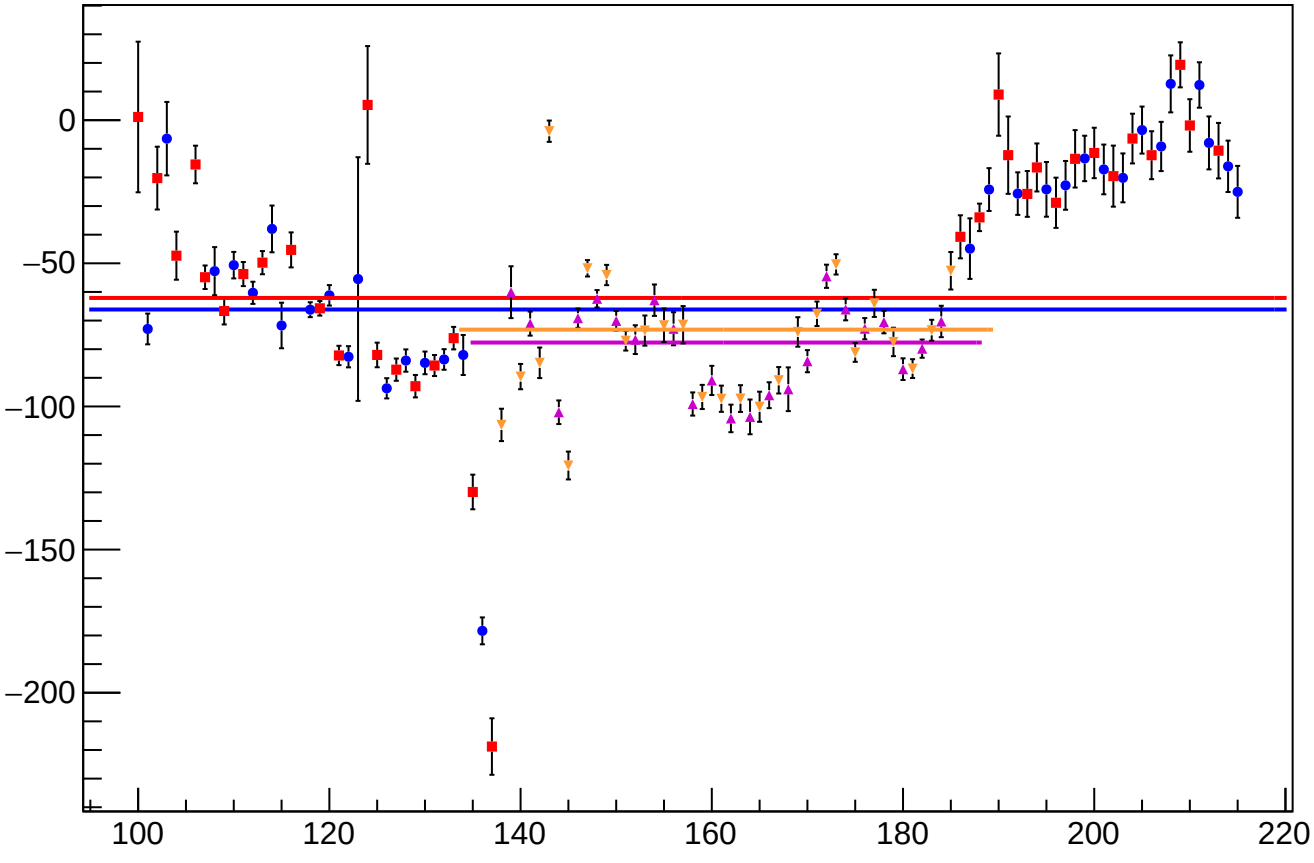
Left In: -160.021+/-0.989 χ^2/NDF:2024.4/22

+ sign -161.859+/-0.705 χ^2/NDF: 5516.0/56

All: -165.844+/-0.491 χ^2/NDF: 12366.9/113

- sign -169.593+/-0.684 χ^2/NDF: 6788.8/56

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: -62.095+/-0.948 χ^2/NDF: 1175.8/33

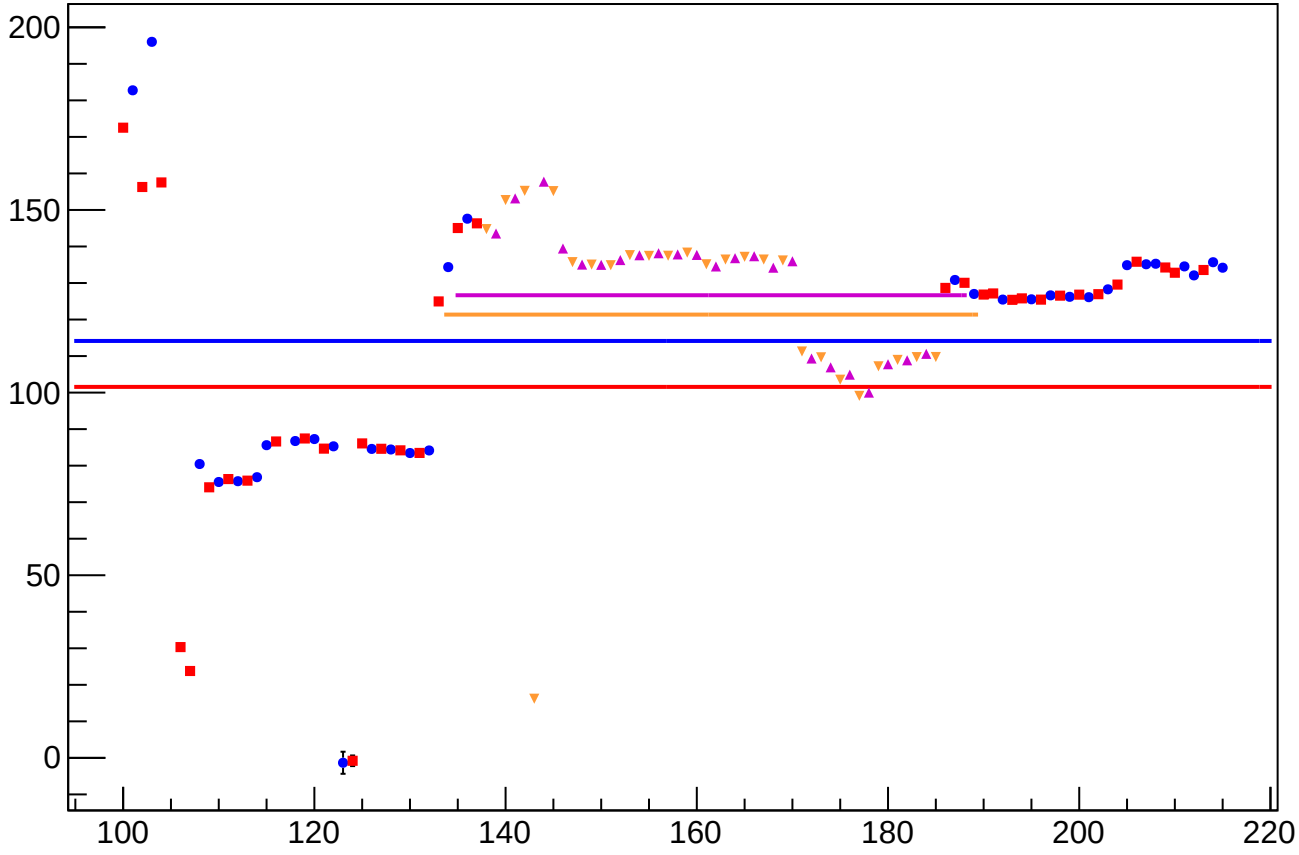
Left In: -77.678+/-0.883 χ^2/NDF:248.3/22

+ sign -70.119+/-0.641 χ^2/NDF: 2163.6/56

All: -70.279+/-0.455 χ^2/NDF: 3732.5/113

- sign -70.441+/-0.646 χ^2/NDF: 1568.7/56

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: 101.562+/-0.050 χ^2/NDF: 599530.2/33

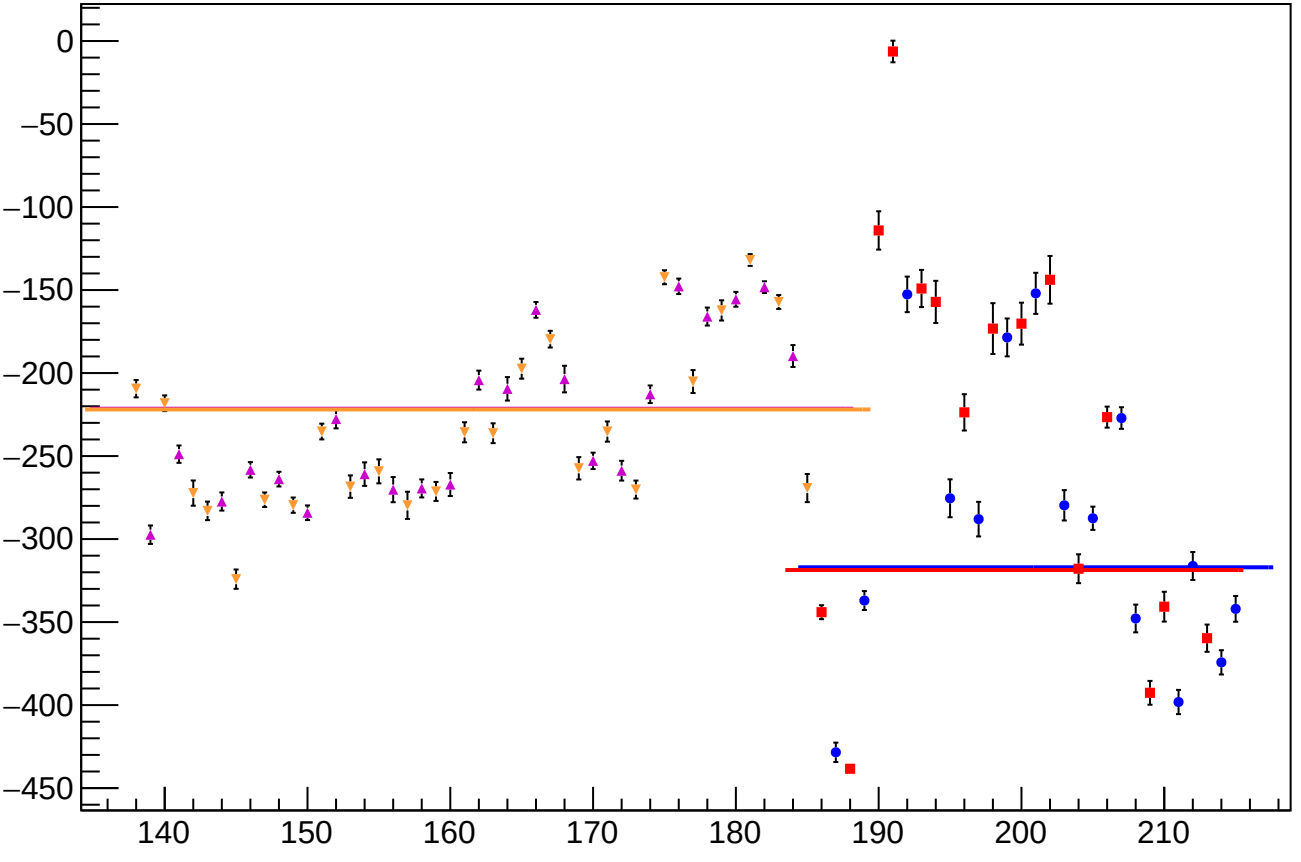
Left In: 126.653+/-0.041 χ^2/NDF:163046.1/22

+ sign 118.782+/-0.032 χ^2/NDF: 821584.4/56

All: 117.667+/-0.023 χ^2/NDF: 1736155.3/113

- sign 116.589+/-0.032 χ^2/NDF: 912231.4/56

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: -318.643+/-1.771 χ^2/NDF: 5391.6/14

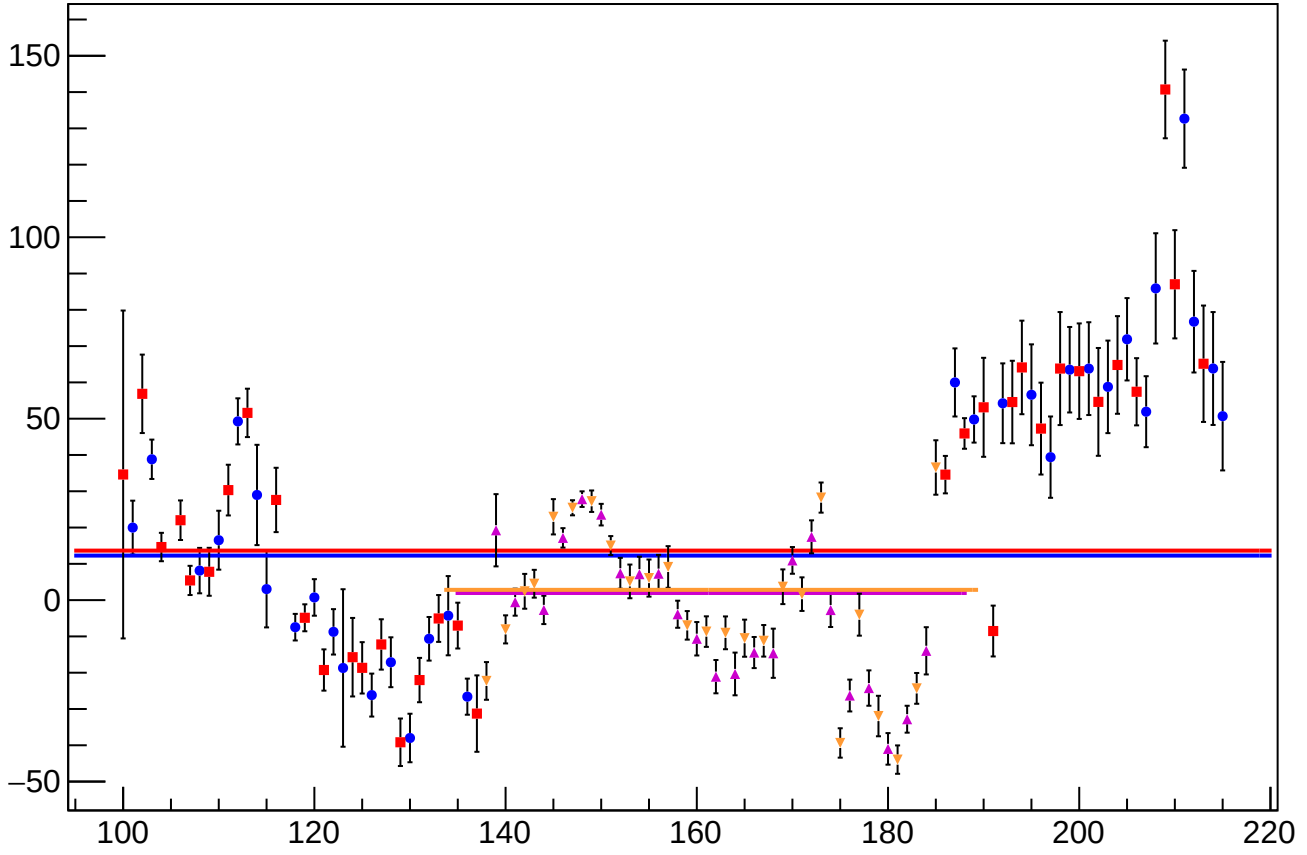
Left In: -221.483+/-1.102 χ^2/NDF:2149.8/22

+ sign -242.757+/-0.958 χ^2/NDF: 5655.0/39

All: -245.749+/-0.670 χ^2/NDF: 15384.3/77

- sign -248.603+/-0.936 χ^2/NDF: 9710.3/37

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: 13.646+/-1.200 χ^2/NDF: 622.6/33

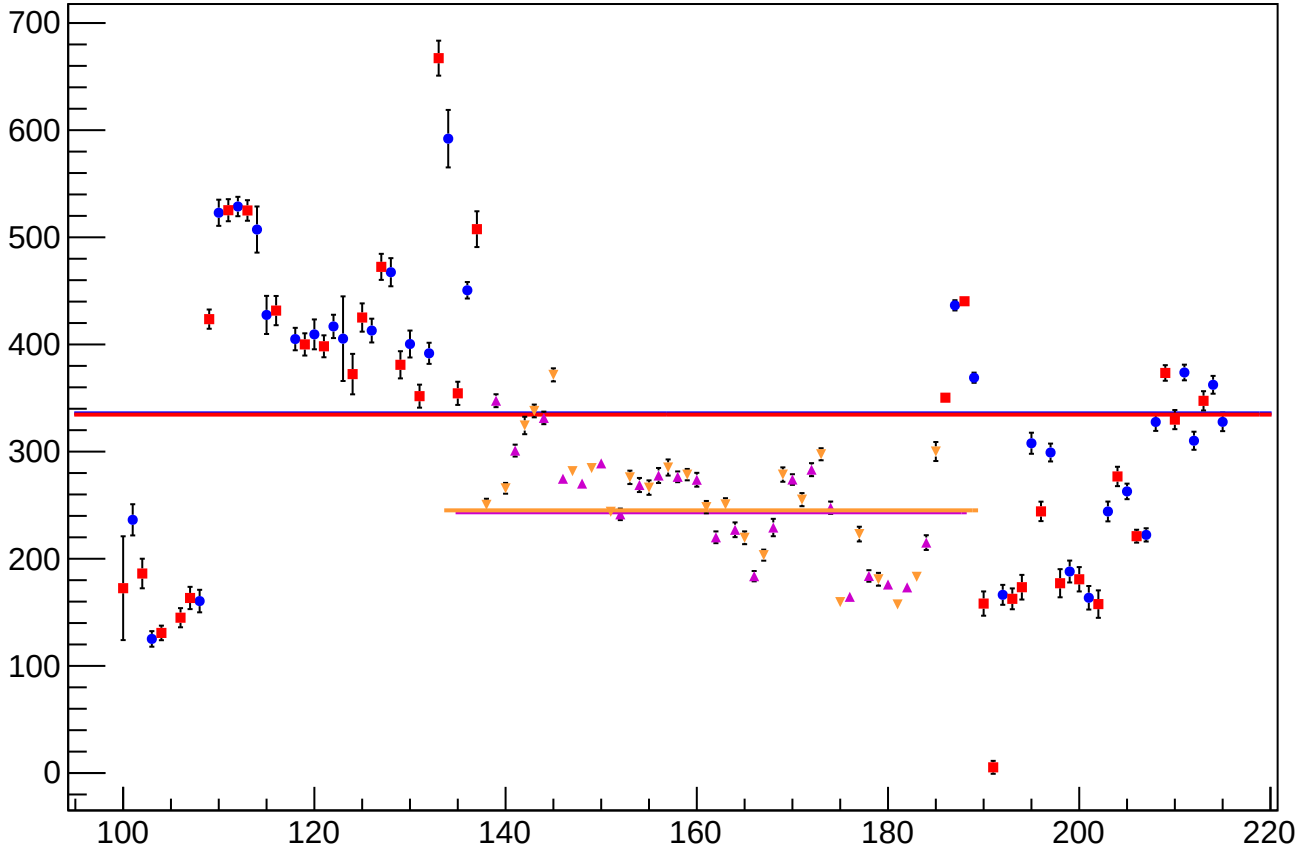
Left In: 1.969+/-0.835 χ^2/NDF:589.1/22

+ sign 5.291+/-0.694 χ^2/NDF: 1351.9/56

All: 5.537+/-0.488 χ^2/NDF: 2627.6/113

- sign 5.777+/-0.685 χ^2/NDF: 1275.5/56

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: 334.538+/-1.316 χ^2/NDF: 10099.5/33

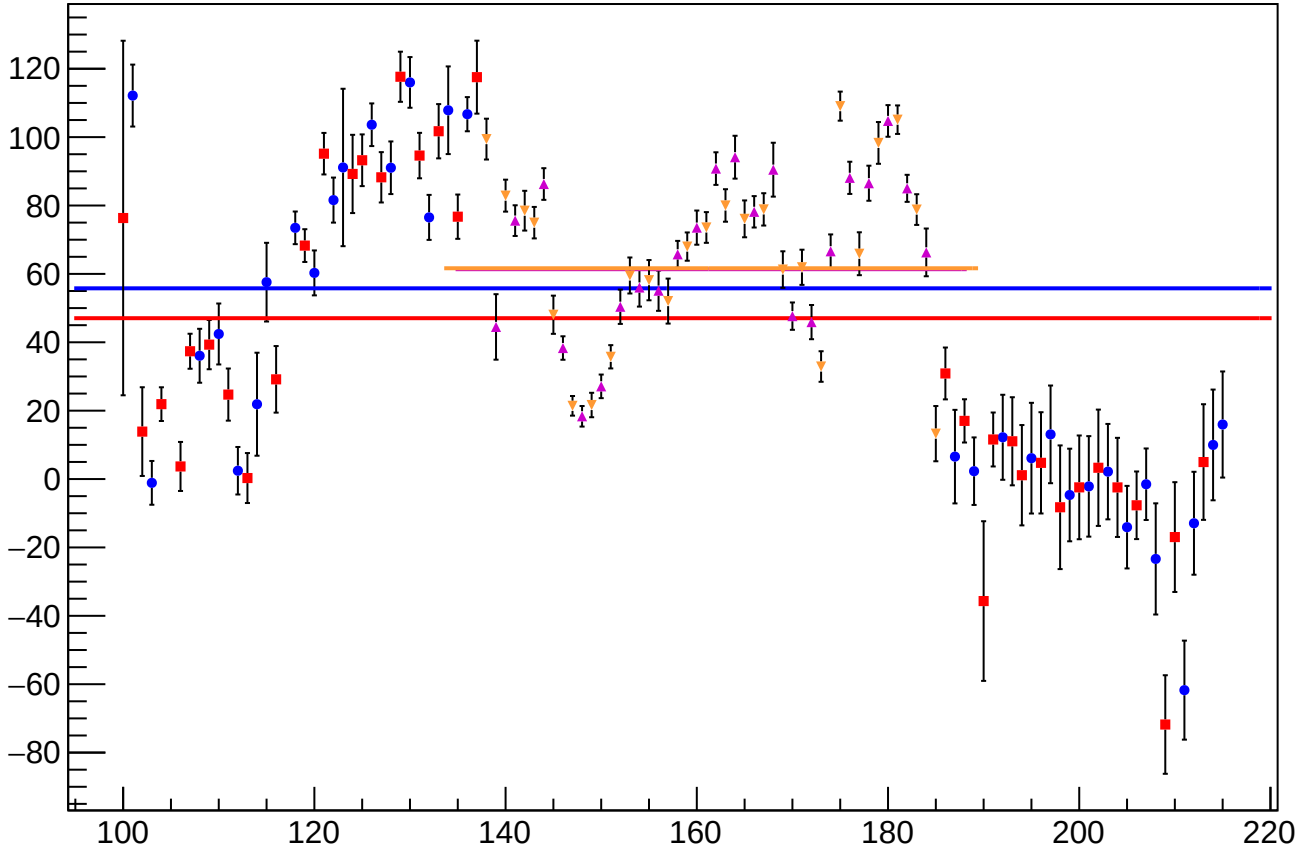
Left In: 243.366+/-1.094 χ^2/NDF:2236.7/22

+ sign 274.192+/-0.892 χ^2/NDF: 9325.7/56

All: 277.592+/-0.612 χ^2/NDF: 24528.8/113

- sign 280.615+/-0.841 χ^2/NDF: 15175.6/56

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

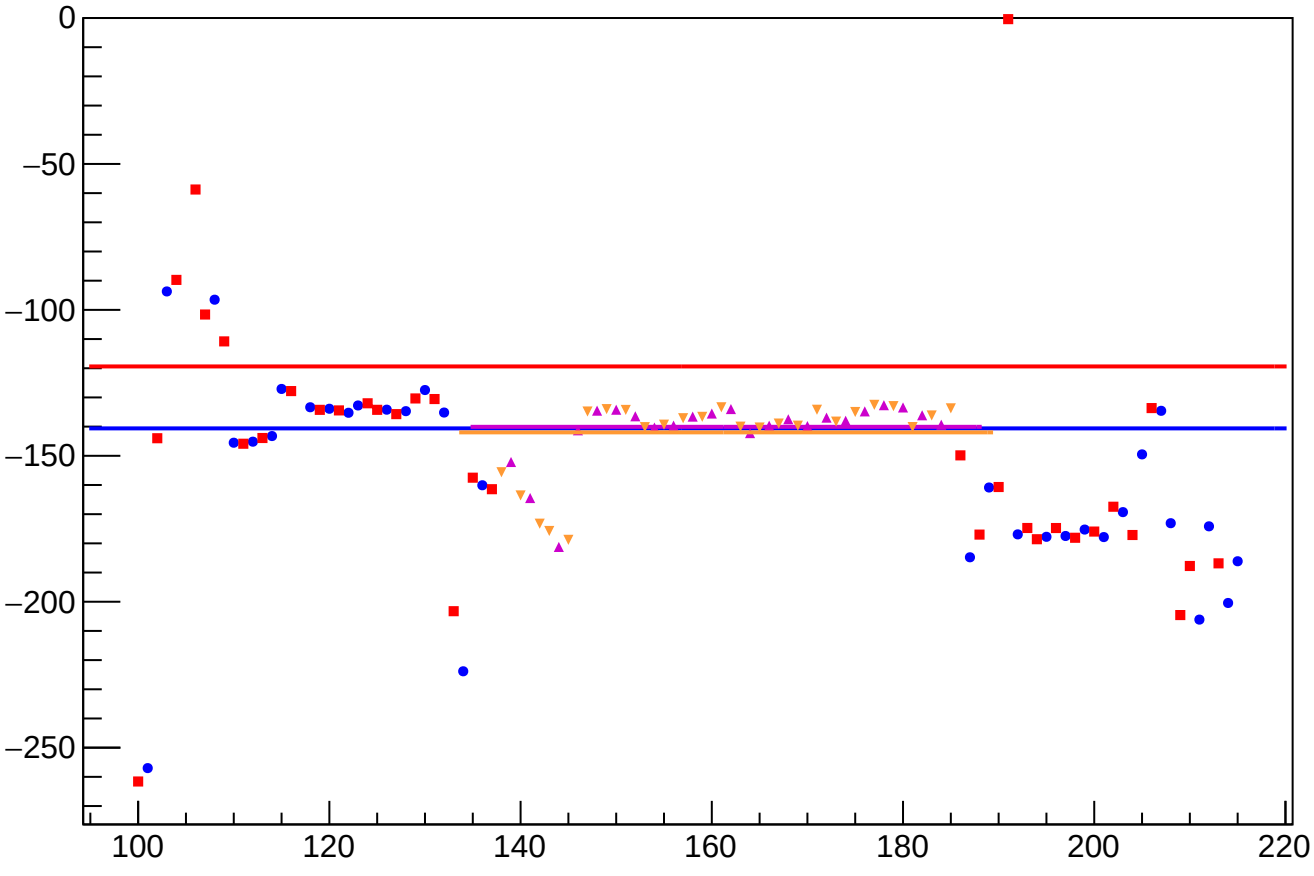
Right Out: 47.045+/-1.431 χ^2/NDF: 792.3/33

Left In: 61.375+/-0.961 χ^2/NDF:699.7/22

+ sign 60.116+/-0.805 χ^2/NDF: 1691.7/56

All: 58.504+/-0.567 χ^2/NDF: 3260.8/113

- sign 56.921+/-0.798 χ^2/NDF: 1561.1/56



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: -119.381+/-0.067 χ^2/NDF: 640440.2/33

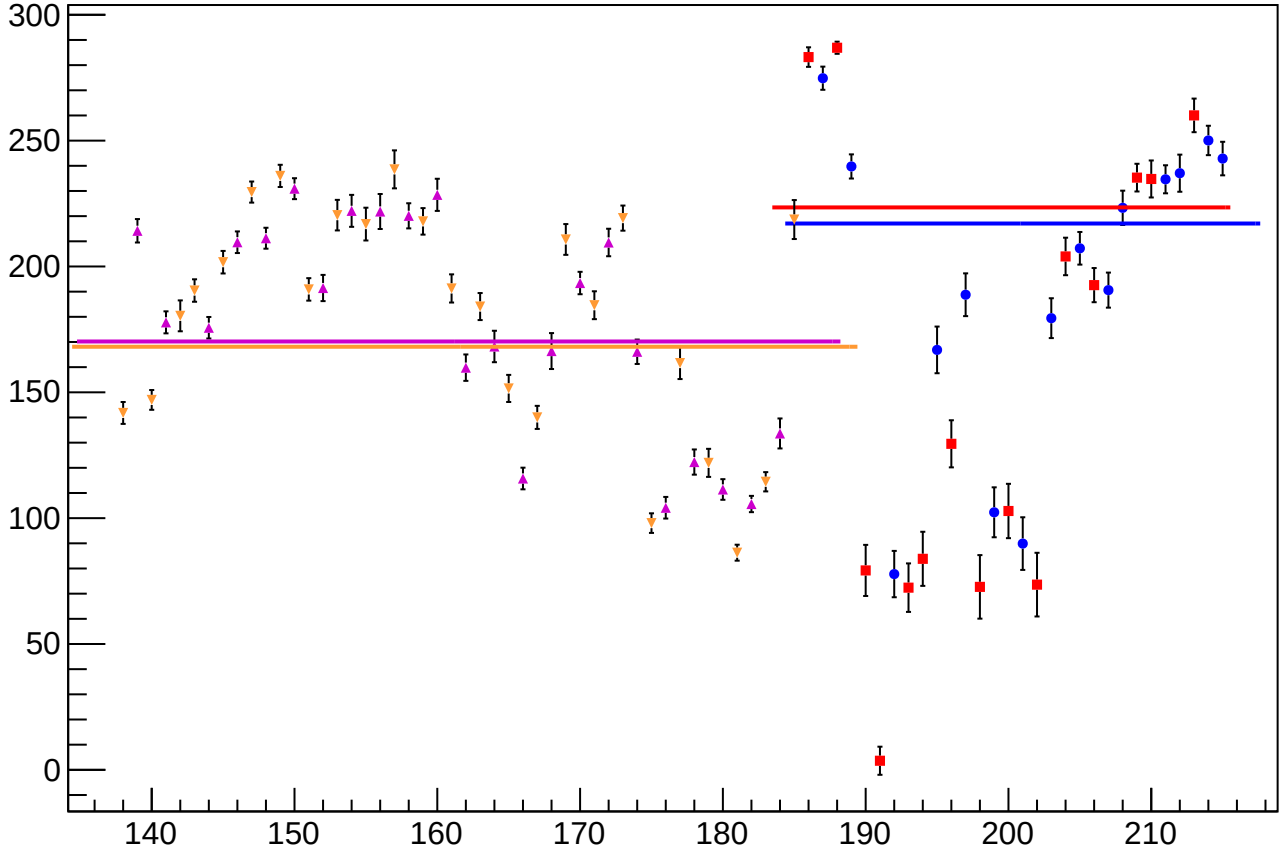
Left In: -140.068+/-0.045 χ^2/NDF:48030.7/22

+ sign -141.609+/-0.038 χ^2/NDF: 336691.1/56

All: -137.488+/-0.027 χ^2/NDF: 1113843.5/11

- sign -133.588+/-0.037 χ^2/NDF: 754663.1/56

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: 223.467+/-1.498 χ^2/NDF: 3668.4/14

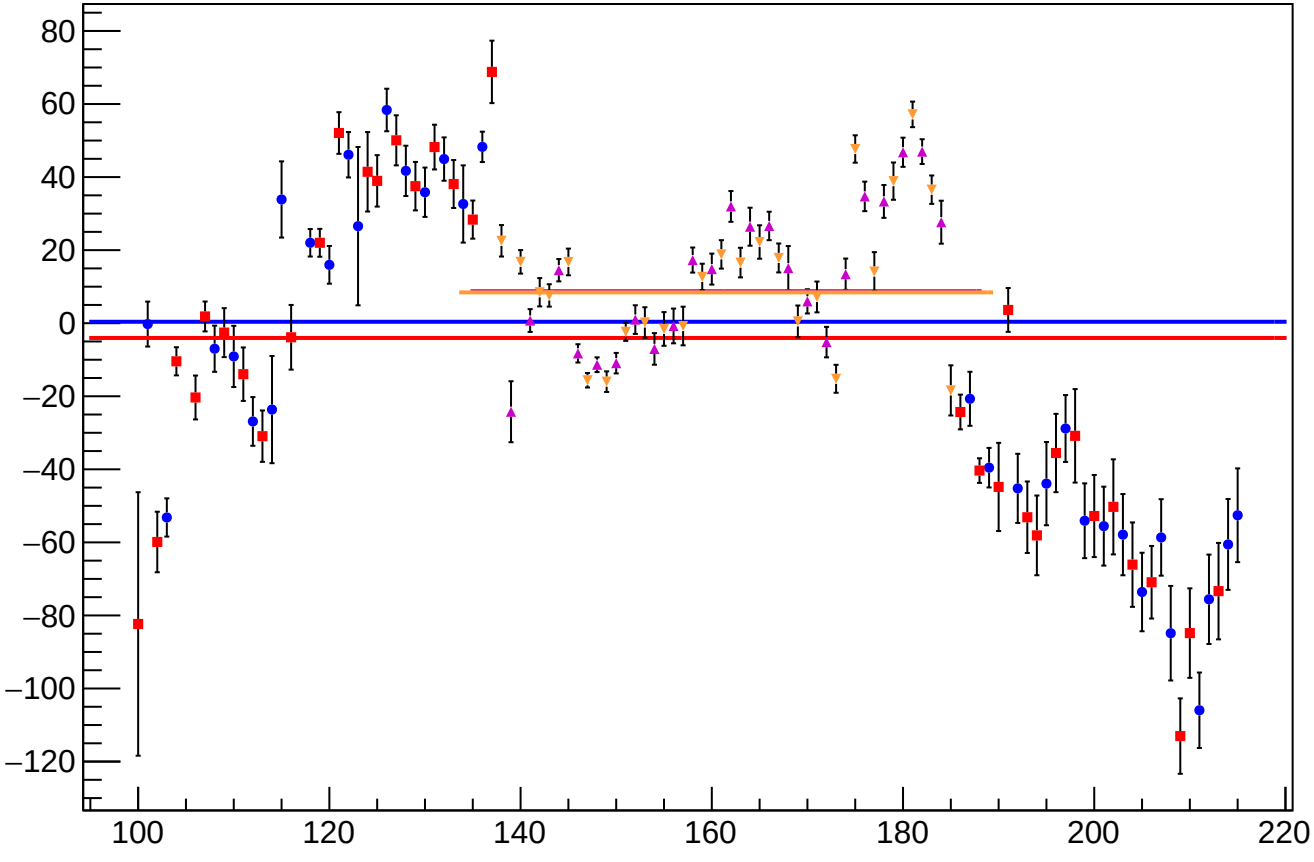
Left In: 170.198+/-0.995 χ^2/NDF:2024.5/22

+ sign 179.751+/-0.847 χ^2/NDF: 3909.4/39

All: 183.206+/-0.592 χ^2/NDF: 10512.1/77

- sign 186.515+/-0.829 χ^2/NDF: 6570.1/37

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: -4.037+/-1.139 χ^2/NDF: 1101.9/33

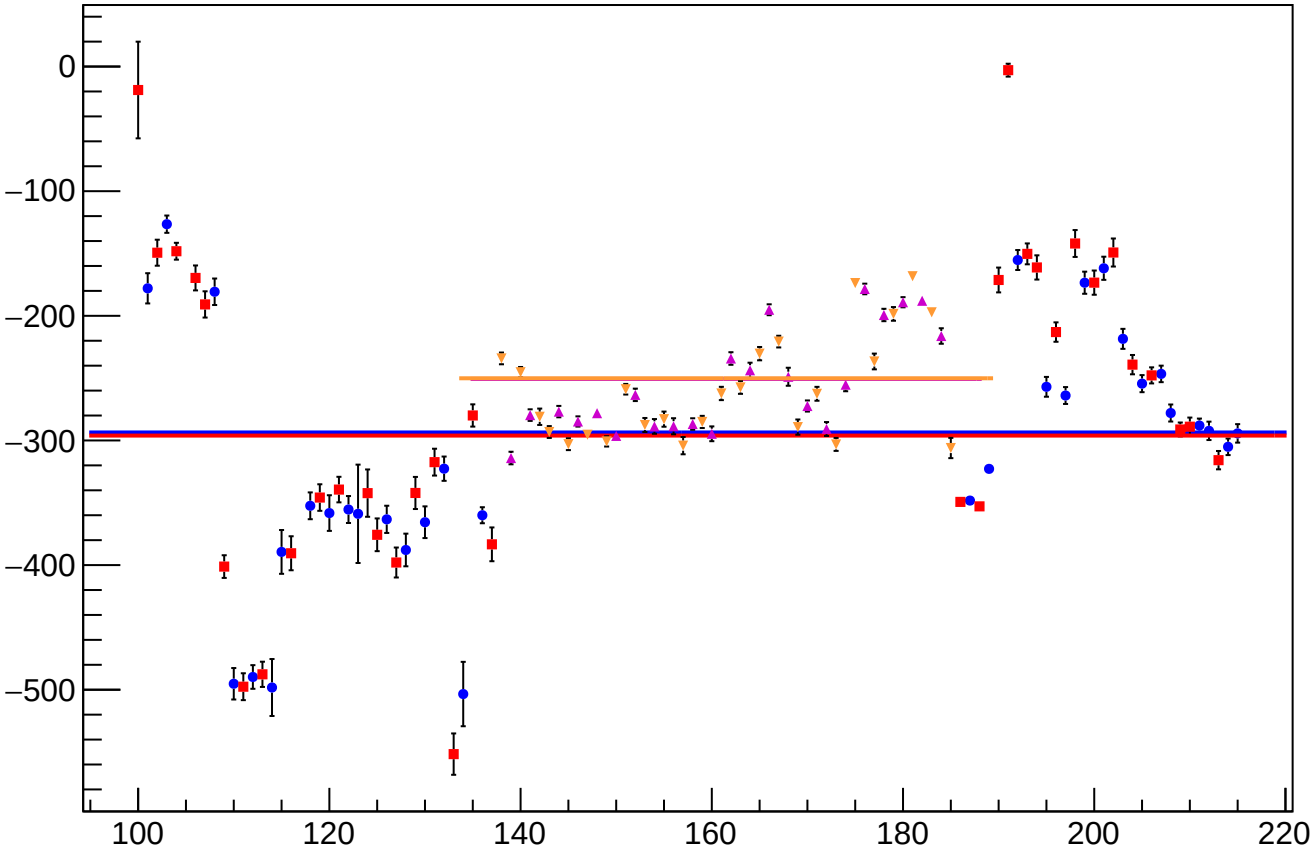
Left In: 8.769+/-0.758 χ^2/NDF:626.8/22

+ sign 6.485+/-0.634 χ^2/NDF: 1879.8/56

All: 5.658+/-0.447 χ^2/NDF: 3699.4/113

- sign 4.838+/-0.631 χ^2/NDF: 1816.2/56

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: -296.089+/-1.152 χ^2/NDF: 8118.8/33

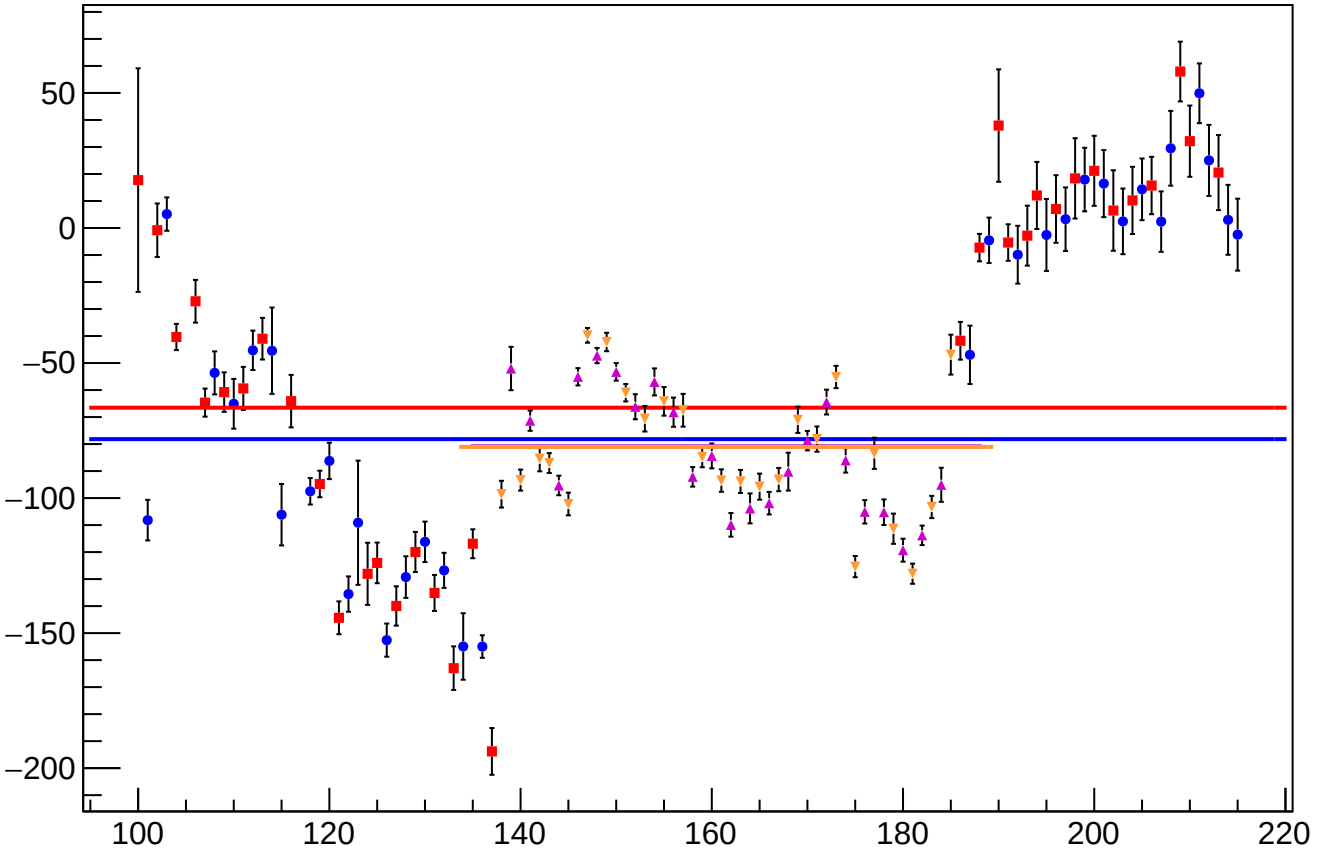
Left In: -250.628+/-0.990 χ^2/NDF:1937.1/22

+ sign -264.476+/-0.796 χ^2/NDF: 6042.2/56

All: -267.372+/-0.546 χ^2/NDF: 17018.8/113

- sign -269.952+/-0.751 χ^2/NDF: 10951.5/56

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: -66.538+/-1.363 χ^2/NDF: 1889.9/33

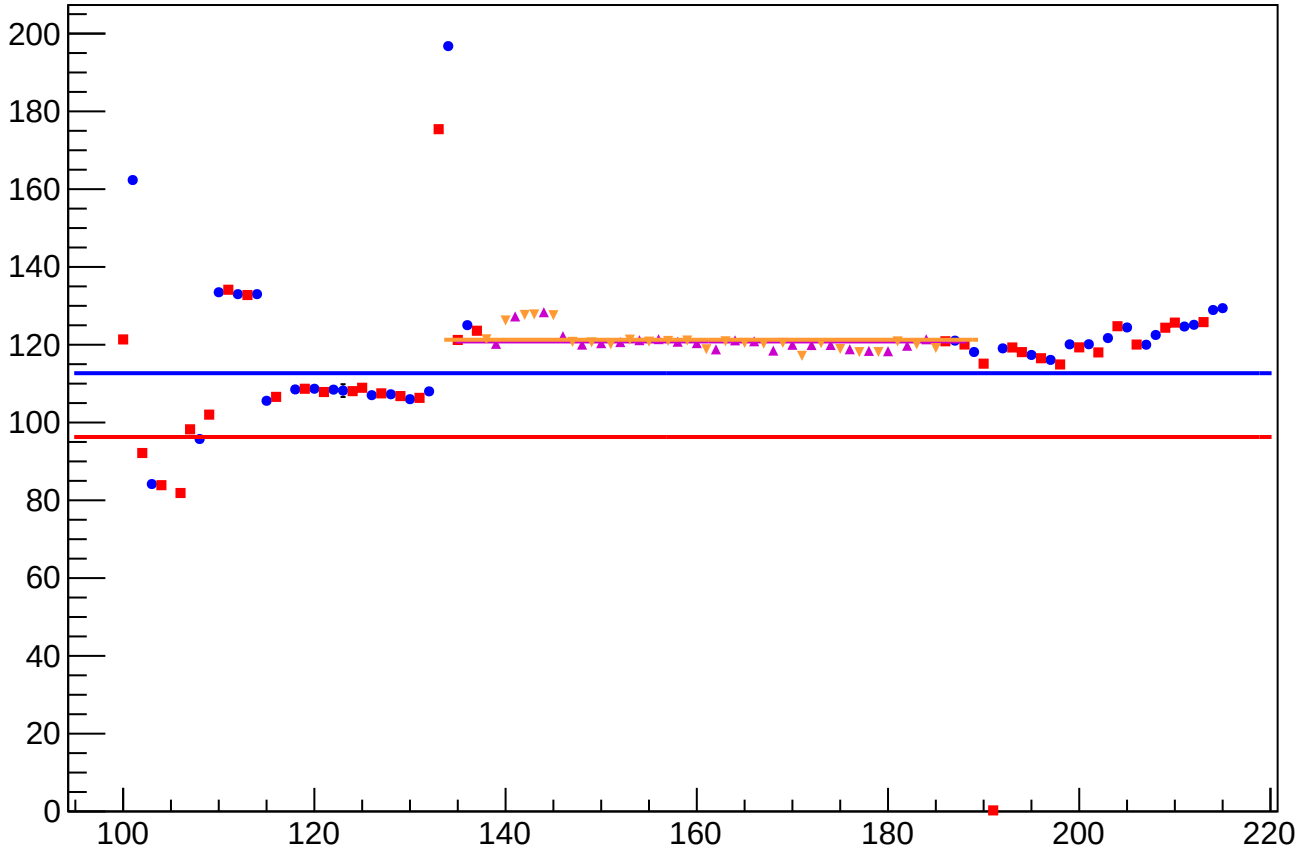
Left In: -80.834+/-0.872 χ^2/NDF:693.1/22

+ sign -80.358+/-0.734 χ^2/NDF: 2721.9/56

All: -78.522+/-0.519 χ^2/NDF: 5395.5/113

- sign -76.682+/-0.734 χ^2/NDF: 2661.1/56

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: 96.278+/-0.061 χ^2/NDF: 370798.2/33

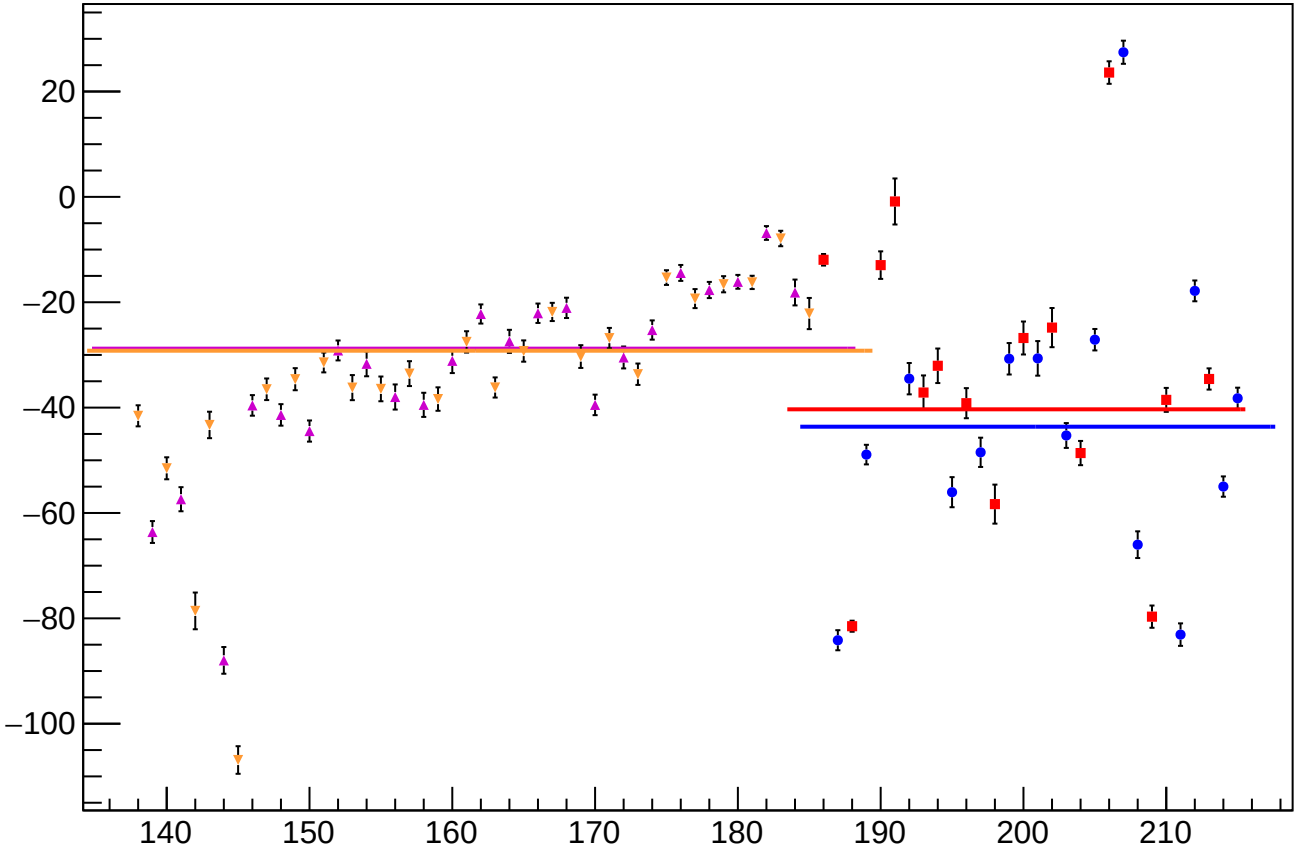
Left In: 120.843+/-0.041 χ^2/NDF:3368.2/22

+ sign 119.101+/-0.035 χ^2/NDF: 97738.6/56

All: 116.168+/-0.024 χ^2/NDF: 597021.7/113

- sign 113.355+/-0.034 χ^2/NDF: 485244.0/56

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: -40.325+/-0.530 χ^2/NDF: 3729.1/14

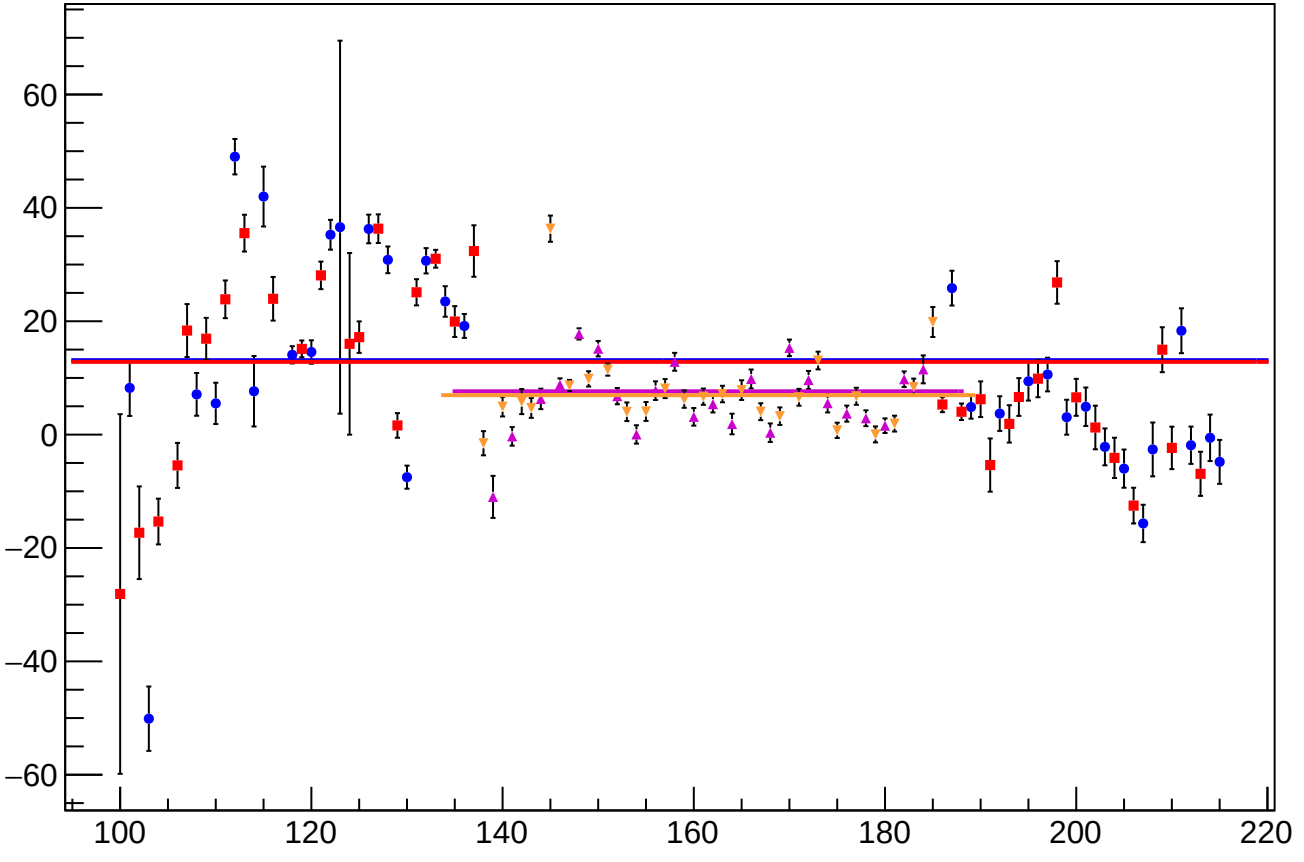
Left In: -28.810+/-0.395 χ^2/NDF:1763.8/22

+ sign -33.602+/-0.324 χ^2/NDF: 4573.3/39

All: -33.259+/-0.226 χ^2/NDF: 10372.0/77

- sign -32.931+/-0.317 χ^2/NDF: 5796.5/37

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: 12.837+/-0.473 χ^2/NDF: 760.5/33

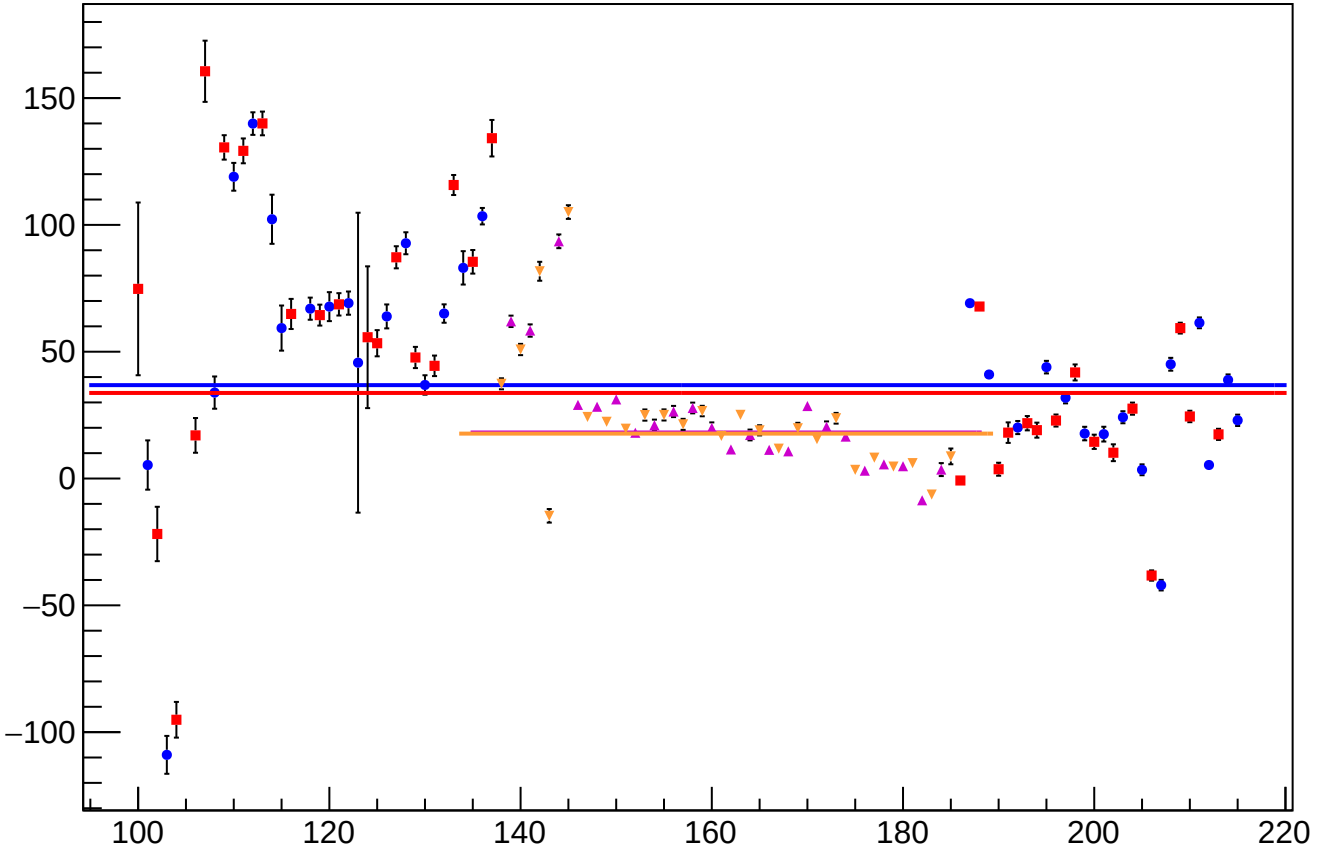
Left In: 7.638+/-0.313 χ^2/NDF:337.7/22

+ sign 8.550+/-0.261 χ^2/NDF: 1380.8/56

All: 8.888+/-0.185 χ^2/NDF: 2566.4/113

- sign 9.226+/-0.261 χ^2/NDF: 1182.3/56

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: 33.738+/-0.432 χ^2/NDF: 7825.3/33

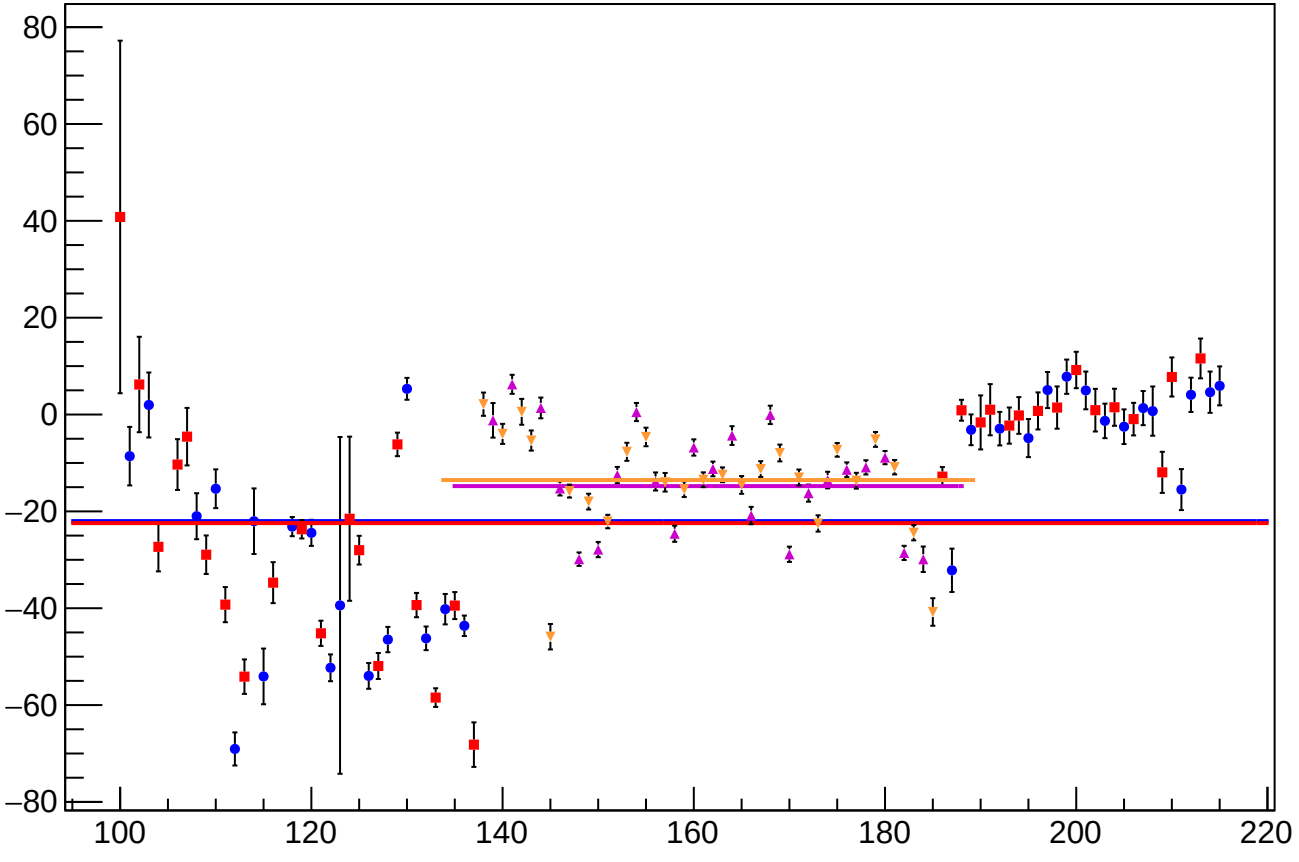
Left In: 18.150+/-0.393 χ^2/NDF:2339.4/22

\+ sign 24.750+/-0.308 χ^2/NDF: 8104.5/56

All: 24.984+/-0.211 χ^2/NDF: 18982.8/113

\- sign 25.194+/-0.291 χ^2/NDF: 10877.2/56

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: -22.421+/-0.568 χ^2/NDF: 1529.4/33

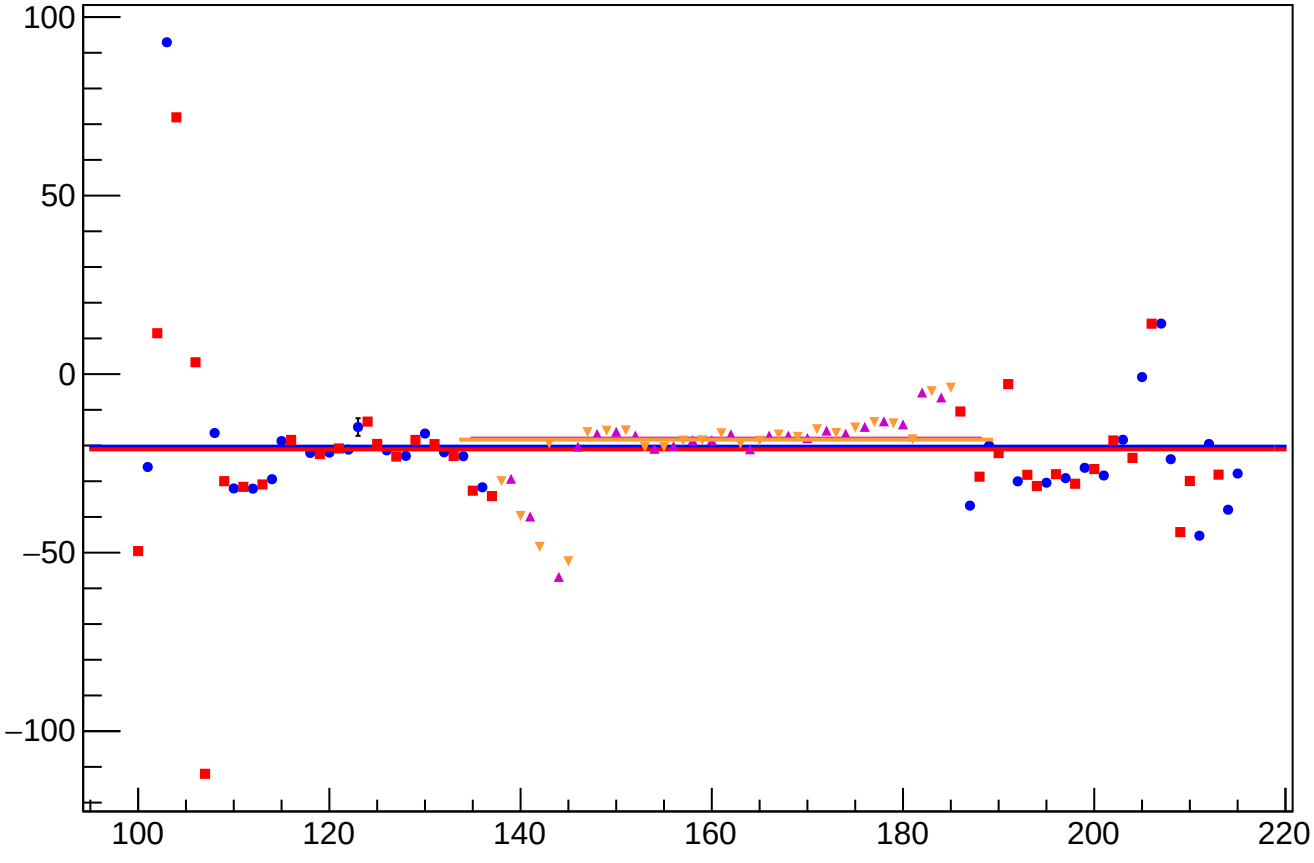
Left In: -14.778+/-0.354 χ^2/NDF:838.0/22

+ sign -15.663+/-0.298 χ^2/NDF: 2235.2/56

All: -16.283+/-0.211 χ^2/NDF: 4741.6/113

- sign -16.915+/-0.301 χ^2/NDF: 2497.6/56

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: -21.069+/-0.028 χ^2/NDF: 579317.7/33

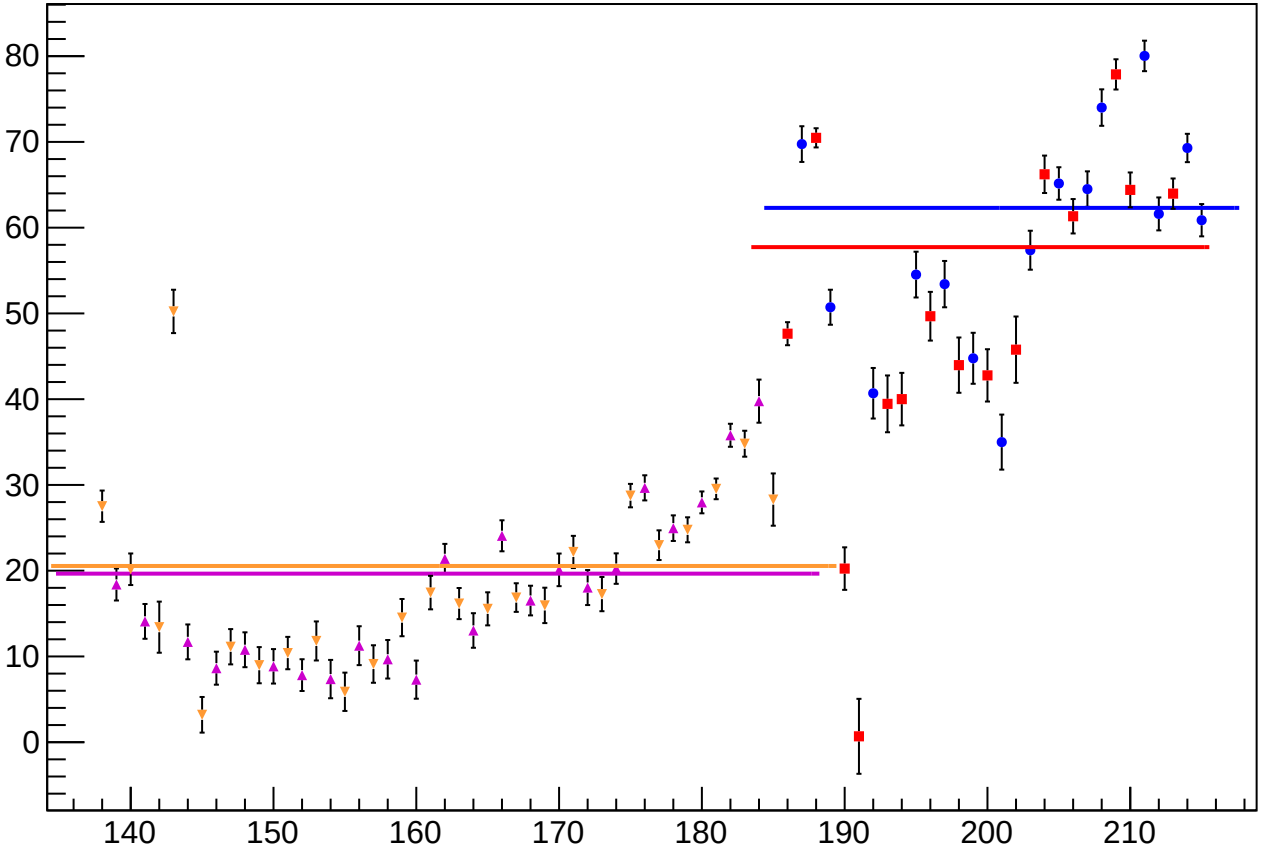
Left In: -18.083+/-0.016 χ^2/NDF:241949.5/22

+ sign -18.805+/-0.014 χ^2/NDF: 907266.2/56

All: -18.823+/-0.010 χ^2/NDF: 1737288.9/113

- sign -18.842+/-0.014 χ^2/NDF: 830019.2/56

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: 57.731+/-0.534 χ^2/NDF: 881.3/14

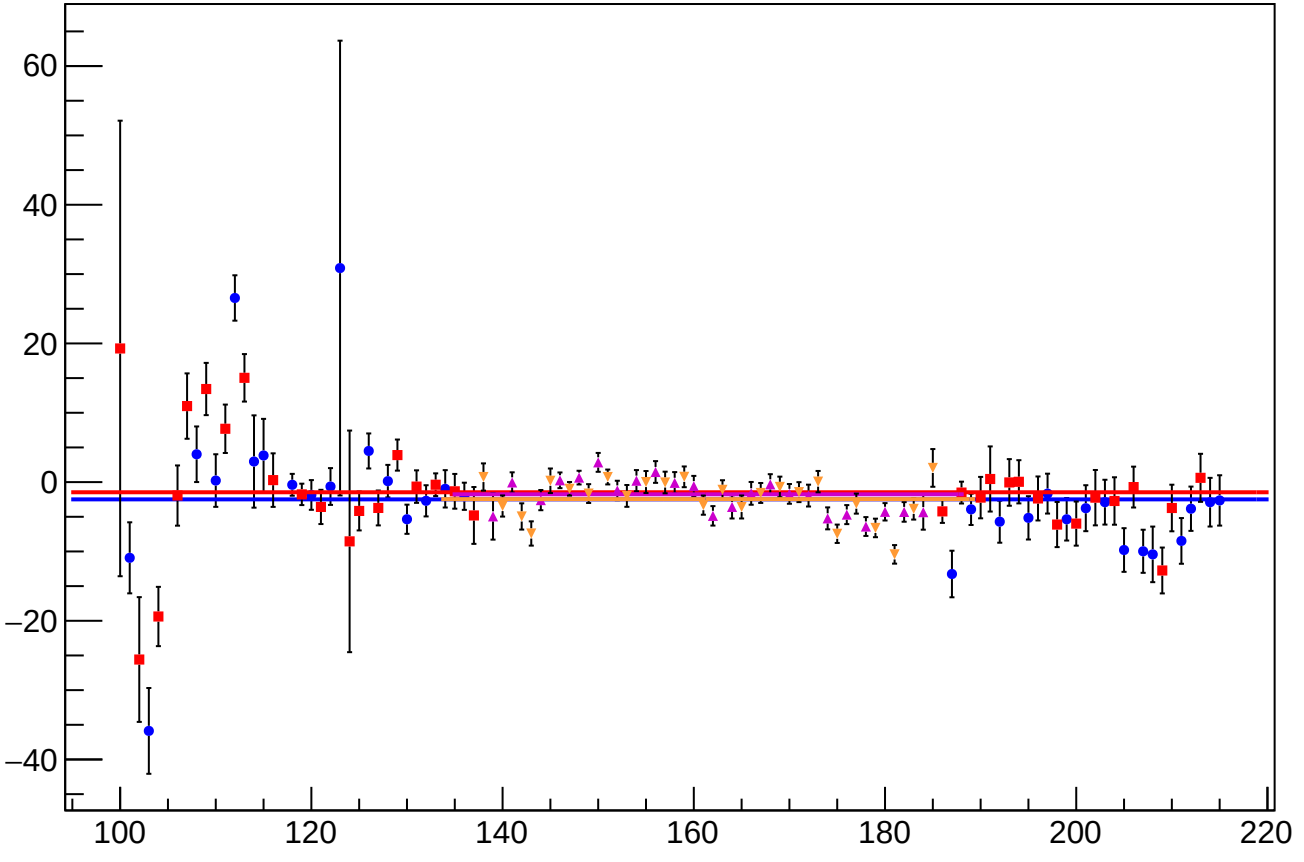
Left In: 19.656+/-0.380 χ^2/NDF:571.8/22

+ sign 33.517+/-0.310 χ^2/NDF: 4898.3/39

All: 32.992+/-0.219 χ^2/NDF: 9727.9/77

- sign 32.467+/-0.310 χ^2/NDF: 4823.8/37

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: -1.464+/-0.485 χ^2/NDF: 107.9/33

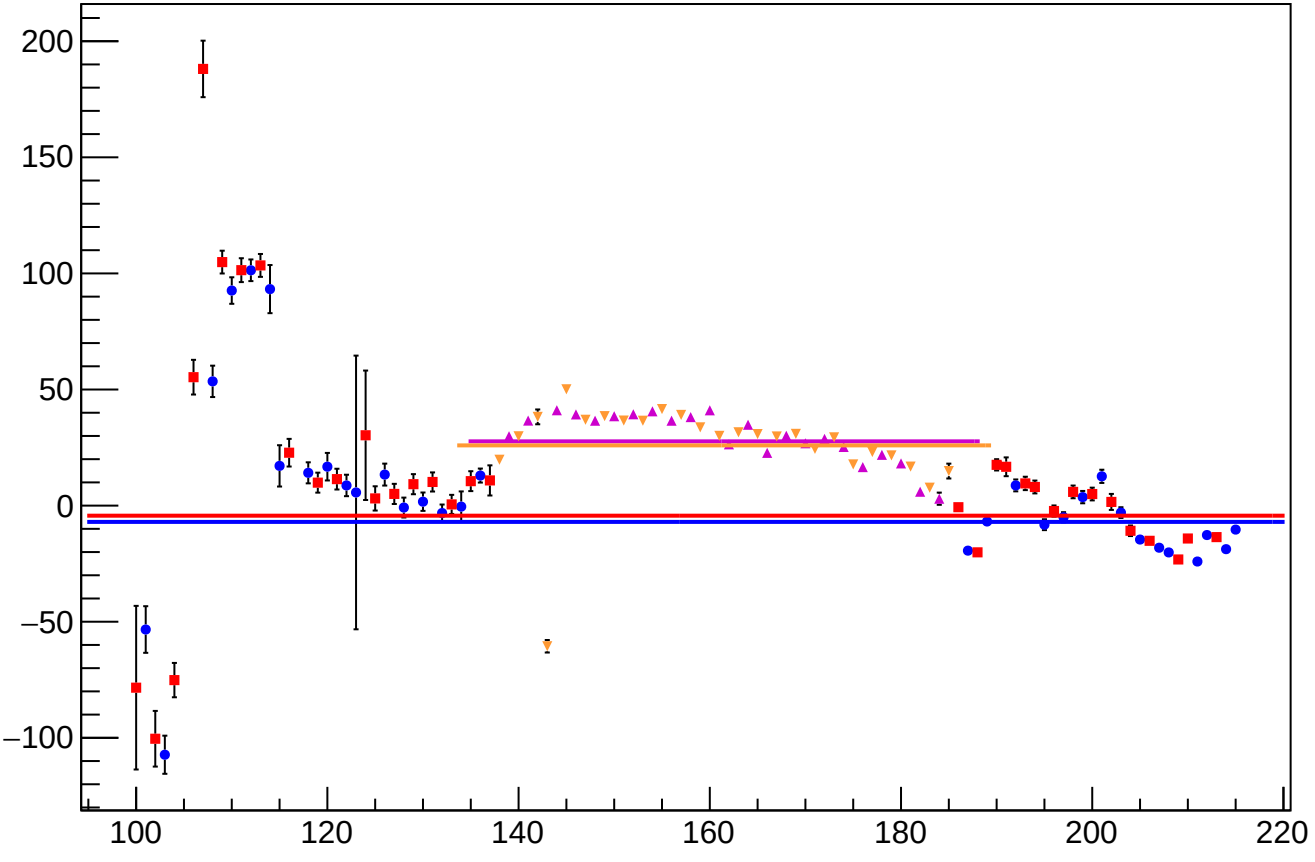
Left In: -1.758+/-0.302 χ^2/NDF:67.4/22

+ sign -2.463+/-0.254 χ^2/NDF: 268.6/56

All: -2.073+/-0.180 χ^2/NDF: 449.0/113

- sign -1.676+/-0.256 χ^2/NDF: 175.6/56

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: -4.334+/-0.446 χ^2/NDF: 2661.5/33

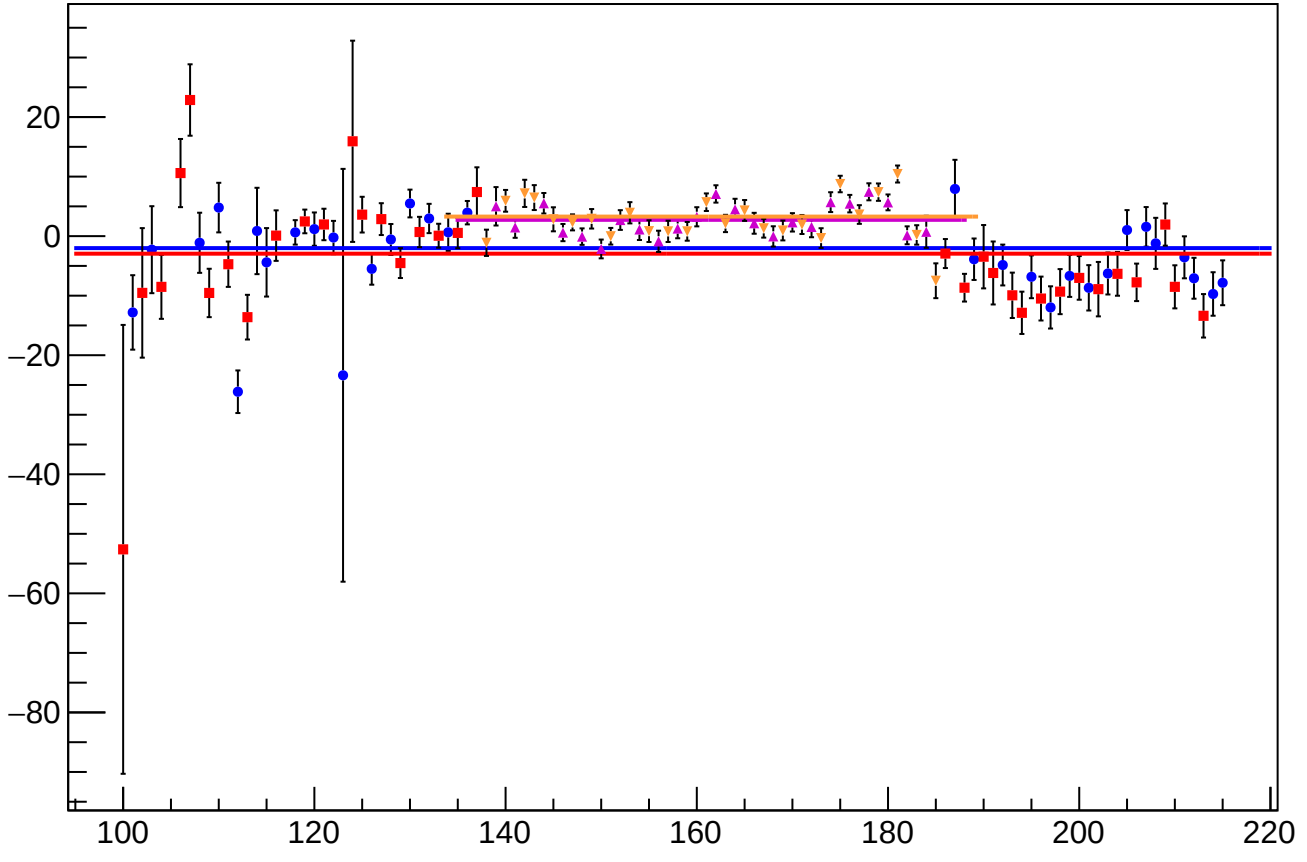
Left In: 27.677+/-0.378 χ^2/NDF:803.9/22

\+ sign 13.940+/-0.297 χ^2/NDF: 6264.3/56

All: 14.111+/-0.207 χ^2/NDF: 12729.7/113

\- sign 14.273+/-0.288 χ^2/NDF: 6464.8/56

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: -2.947+/-0.575 χ^2/NDF: 116.3/33

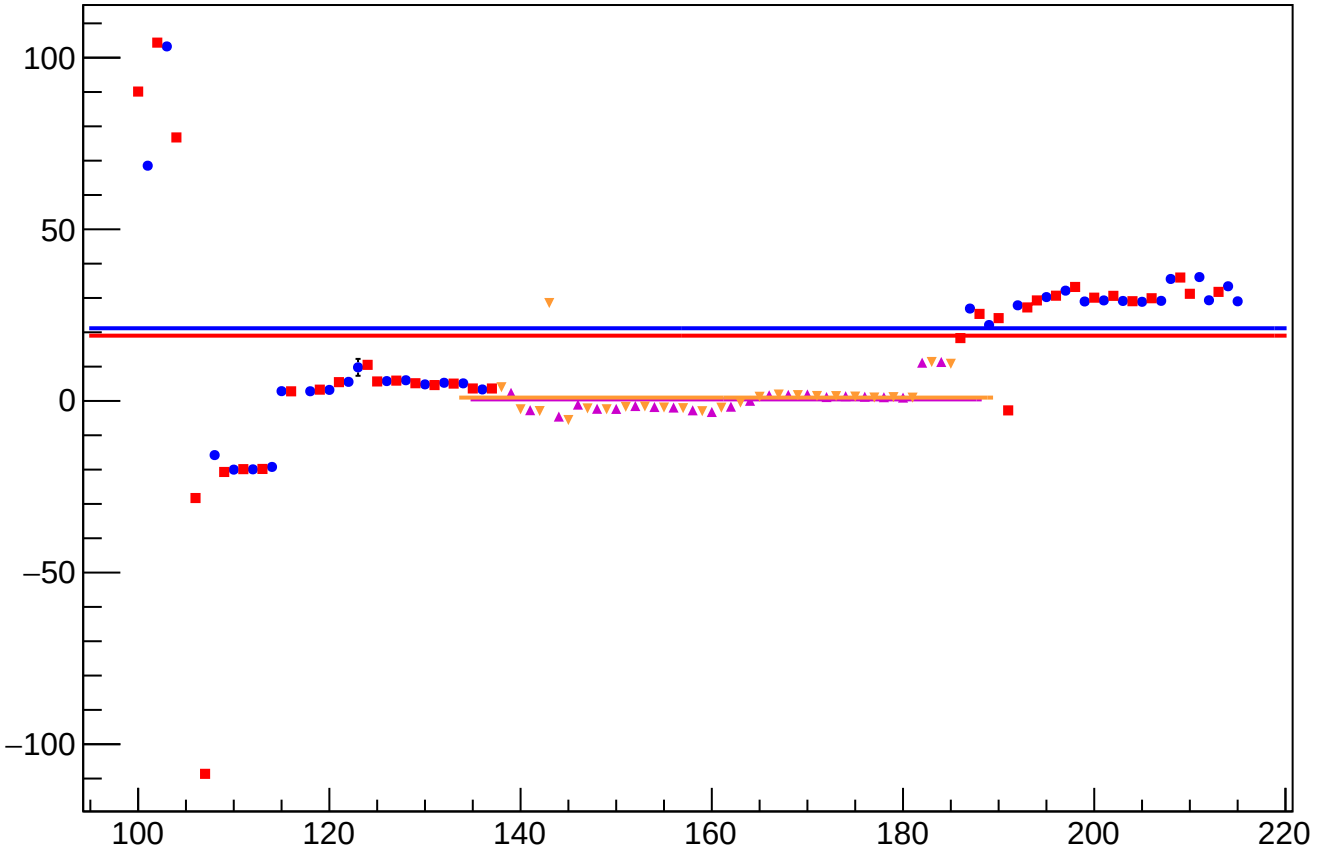
Left In: 2.738+/-0.341 χ^2/NDF:64.5/22

+ sign 2.002+/-0.289 χ^2/NDF: 277.9/56

All: 1.637+/-0.206 χ^2/NDF: 534.1/113

- sign 1.259+/-0.293 χ^2/NDF: 253.0/56

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: 19.020+/-0.027 χ^2/NDF: 745267.0/33

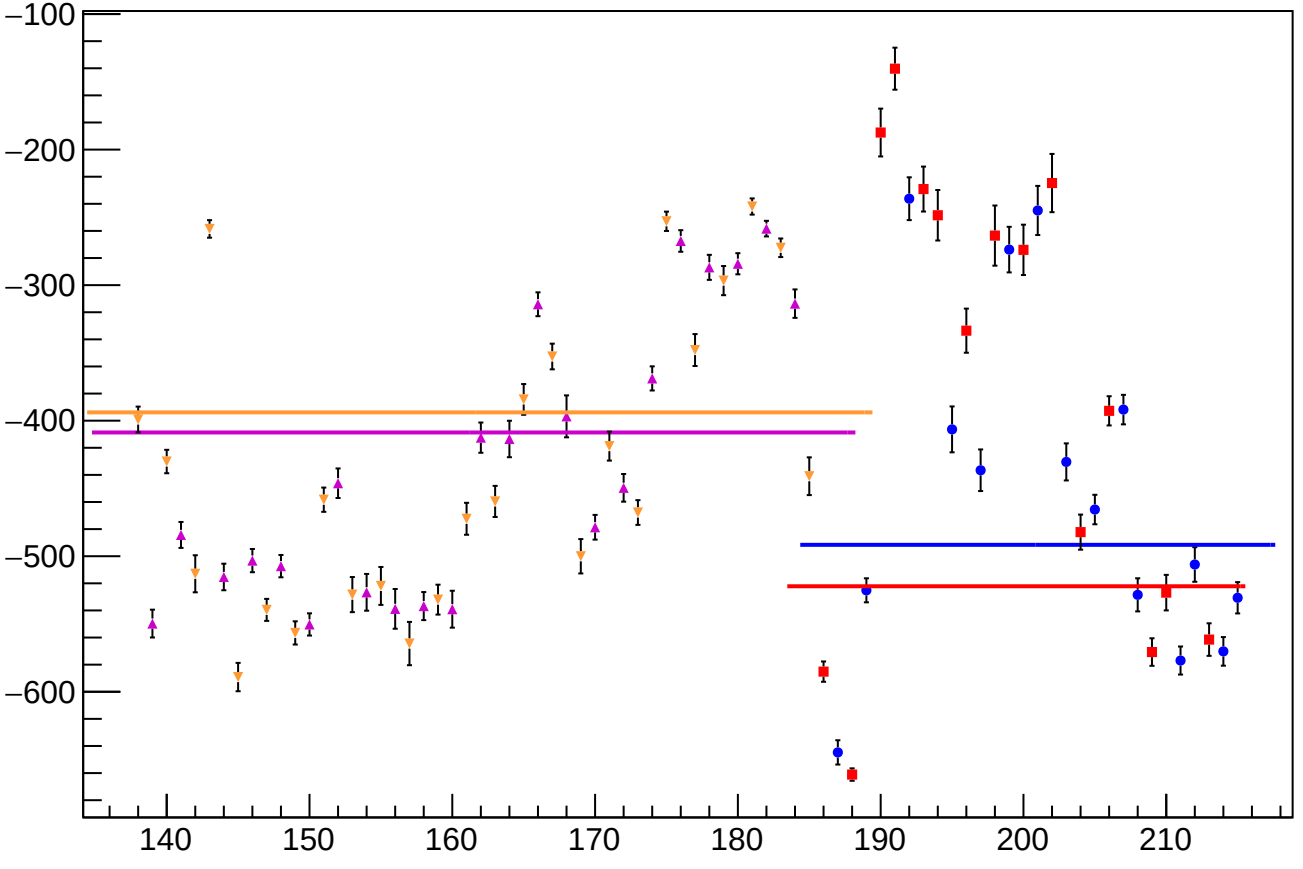
Left In: 0.451+/-0.015 χ^2/NDF:50699.8/22

+ sign 5.658+/-0.013 χ^2/NDF: 1041019.5/56

All: 5.320+/-0.009 χ^2/NDF: 2191158.7/113

- sign 4.976+/-0.013 χ^2/NDF: 1148839.6/56

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: -522.168+/-2.806 χ^2/NDF: 3308.2/14

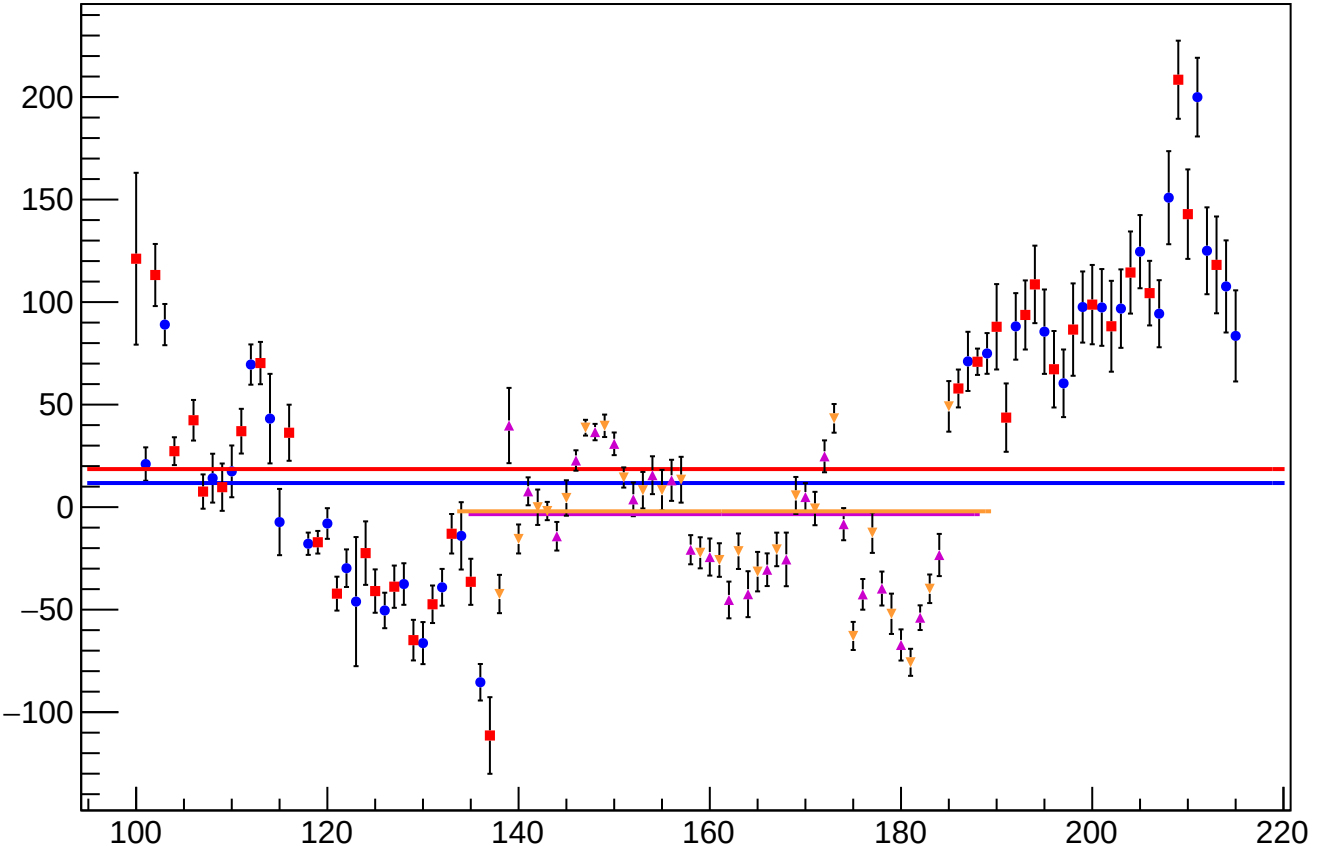
Left In: -408.696+/-1.979 χ^2/NDF:3062.9/22

+ sign -420.559+/-1.617 χ^2/NDF: 5711.6/39

All: -433.471+/-1.144 χ^2/NDF: 13302.1/77

- sign -446.382+/-1.617 χ^2/NDF: 7463.0/37

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: 18.556+/-1.937 χ^2/NDF: 841.7/33

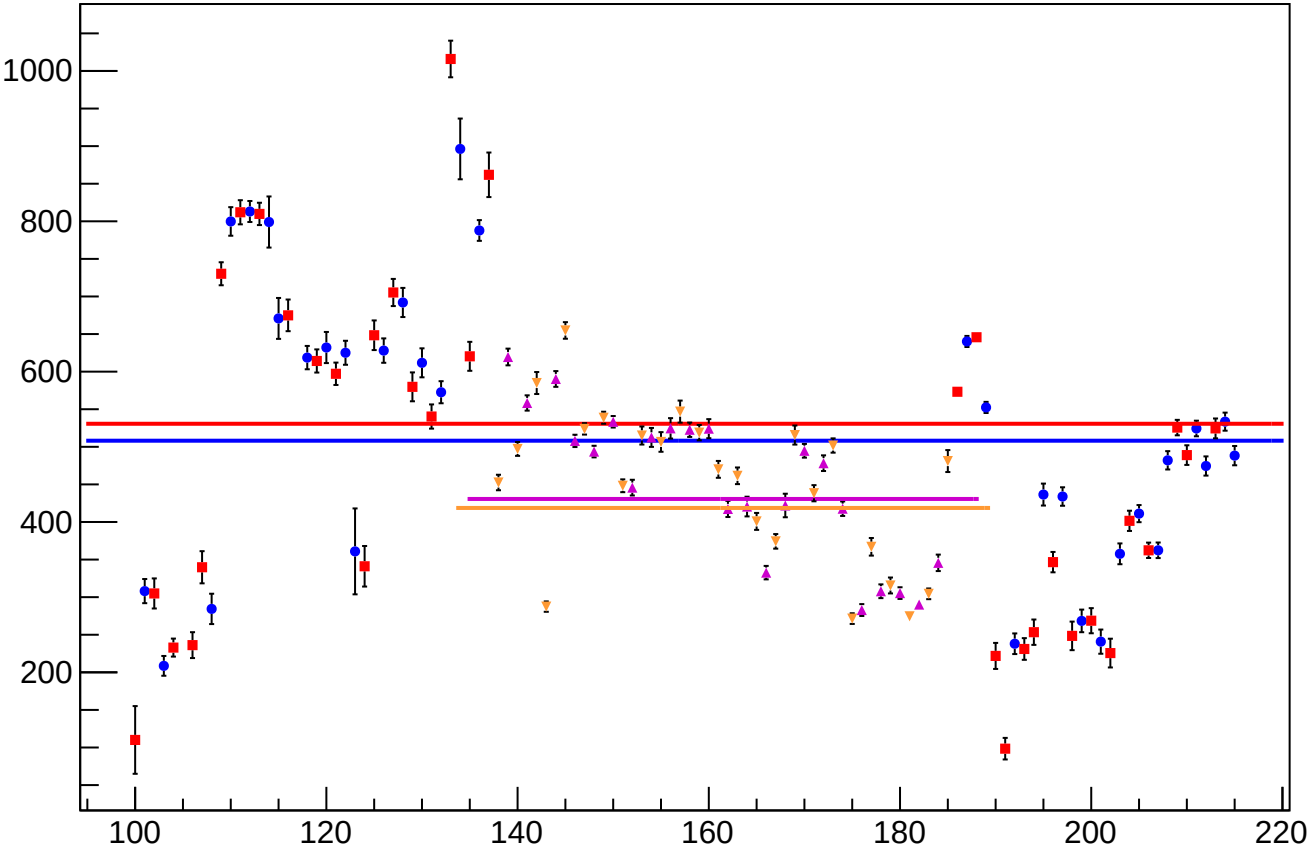
Left In: -3.420+/-1.520 χ^2/NDF:451.0/22

+ sign 2.376+/-1.174 χ^2/NDF: 1462.6/56

All: 3.642+/-0.838 χ^2/NDF: 2837.3/113

- sign 4.954+/-1.196 χ^2/NDF: 1372.3/56

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: 530.669+/-2.100 χ^2/NDF: 7088.0/33

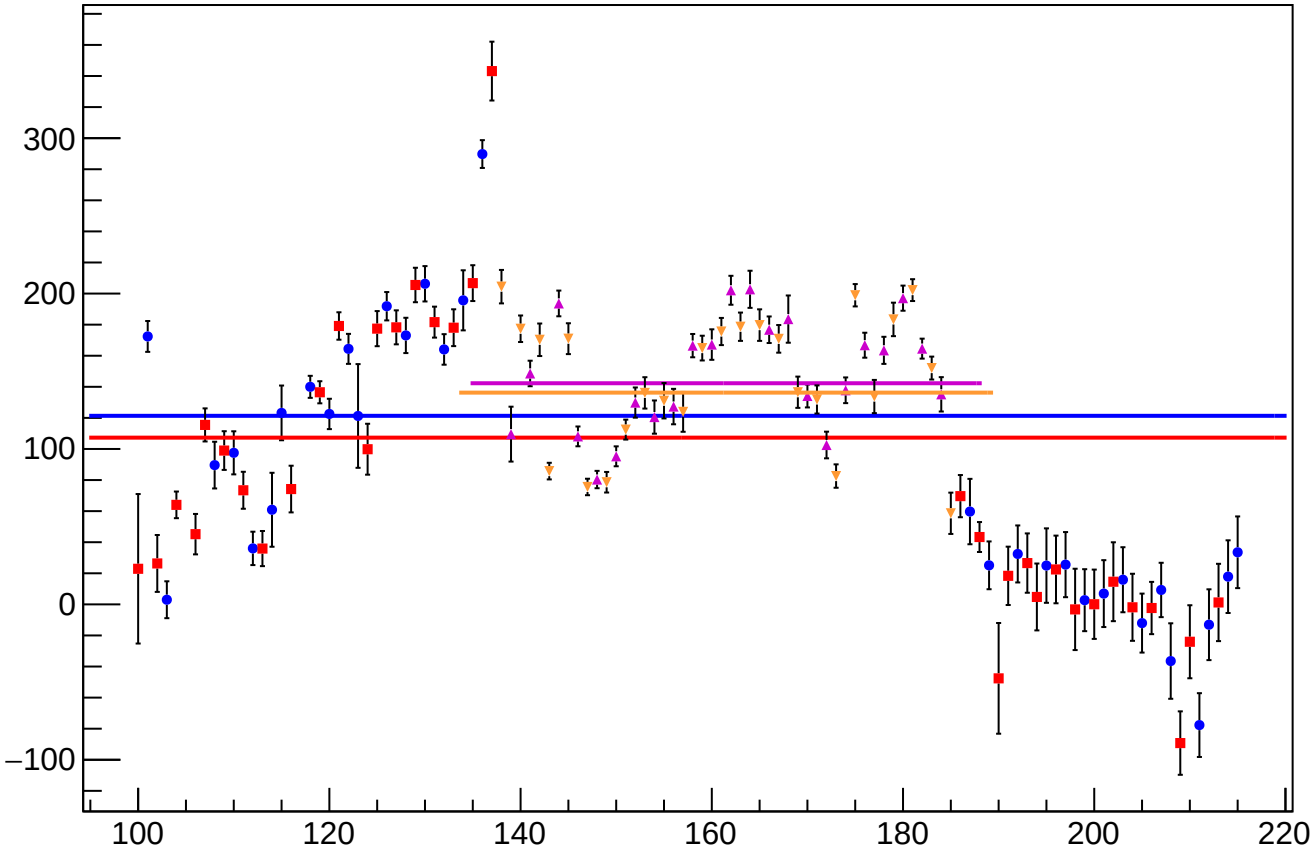
Left In: 430.640+/-1.971 χ^2/NDF:2850.6/22

+ sign 453.008+/-1.495 χ^2/NDF: 8347.2/56

All: 465.732+/-1.036 χ^2/NDF: 19631.5/113

- sign 477.482+/-1.437 χ^2/NDF: 11145.1/56

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: 107.289+/-2.300 χ^2/NDF: 1101.4/33

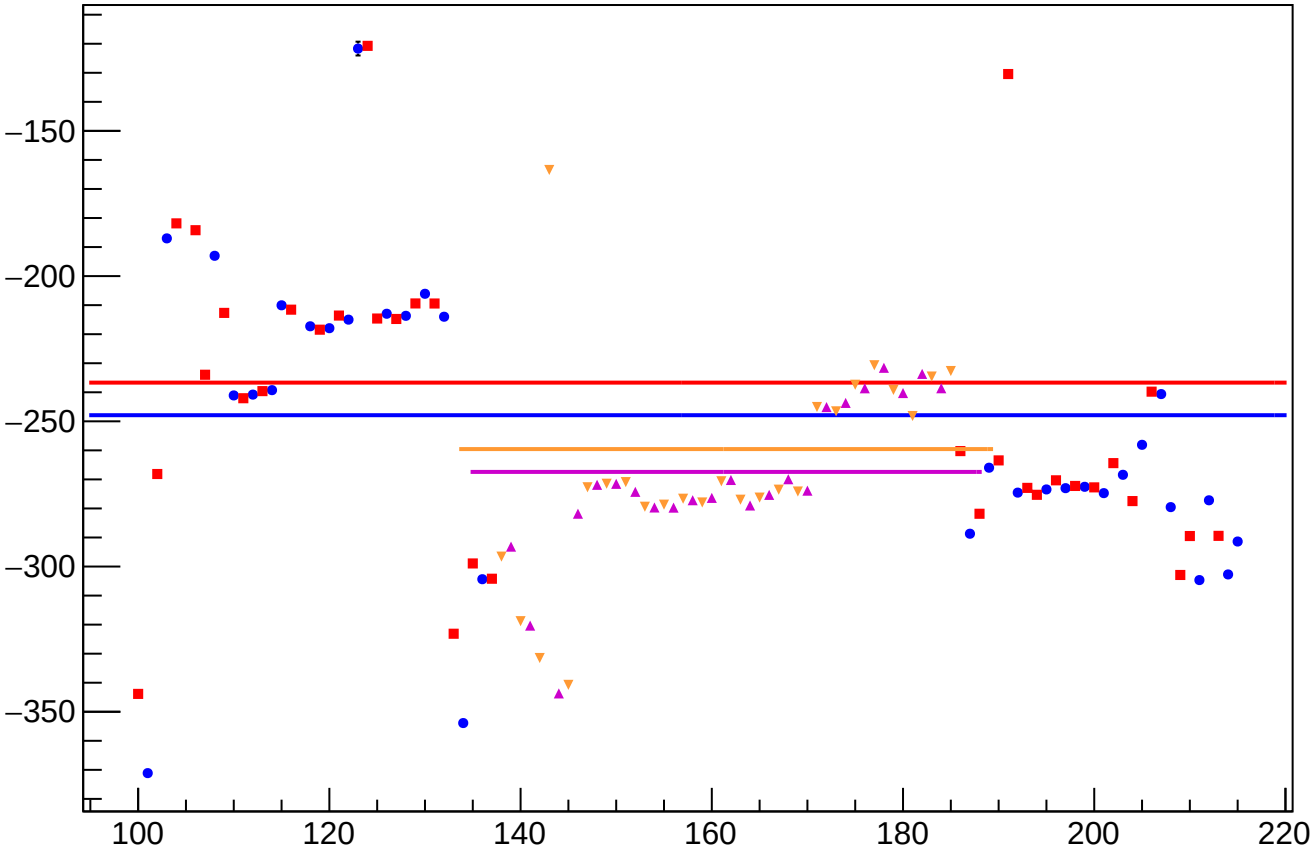
Left In: 142.296+/-1.745 χ^2/NDF:459.8/22

+ sign 131.498+/-1.362 χ^2/NDF: 2031.8/56

All: 130.523+/-0.973 χ^2/NDF: 3741.0/113

- sign 129.508+/-1.390 χ^2/NDF: 1708.2/56

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: -236.675+/-0.112 χ^2/NDF: 183443.6/33

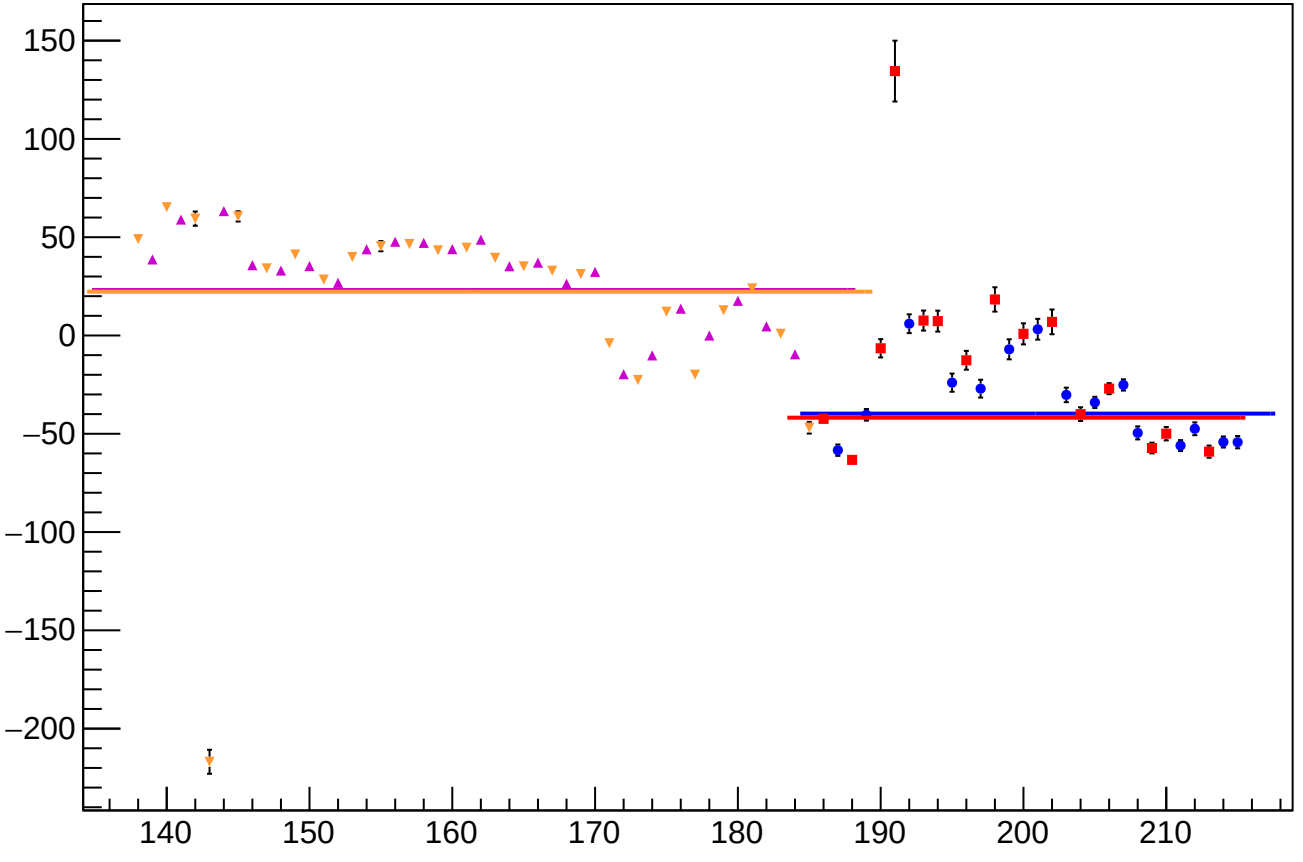
Left In: -267.417+/-0.082 χ^2/NDF:98035.5/22

+ sign -256.020+/-0.066 χ^2/NDF: 417420.9/56

All: -256.405+/-0.047 χ^2/NDF: 747946.0/113

- sign -256.790+/-0.066 χ^2/NDF: 330457.1/56

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: -41.815+/-0.810 χ^2/NDF: 906.7/14

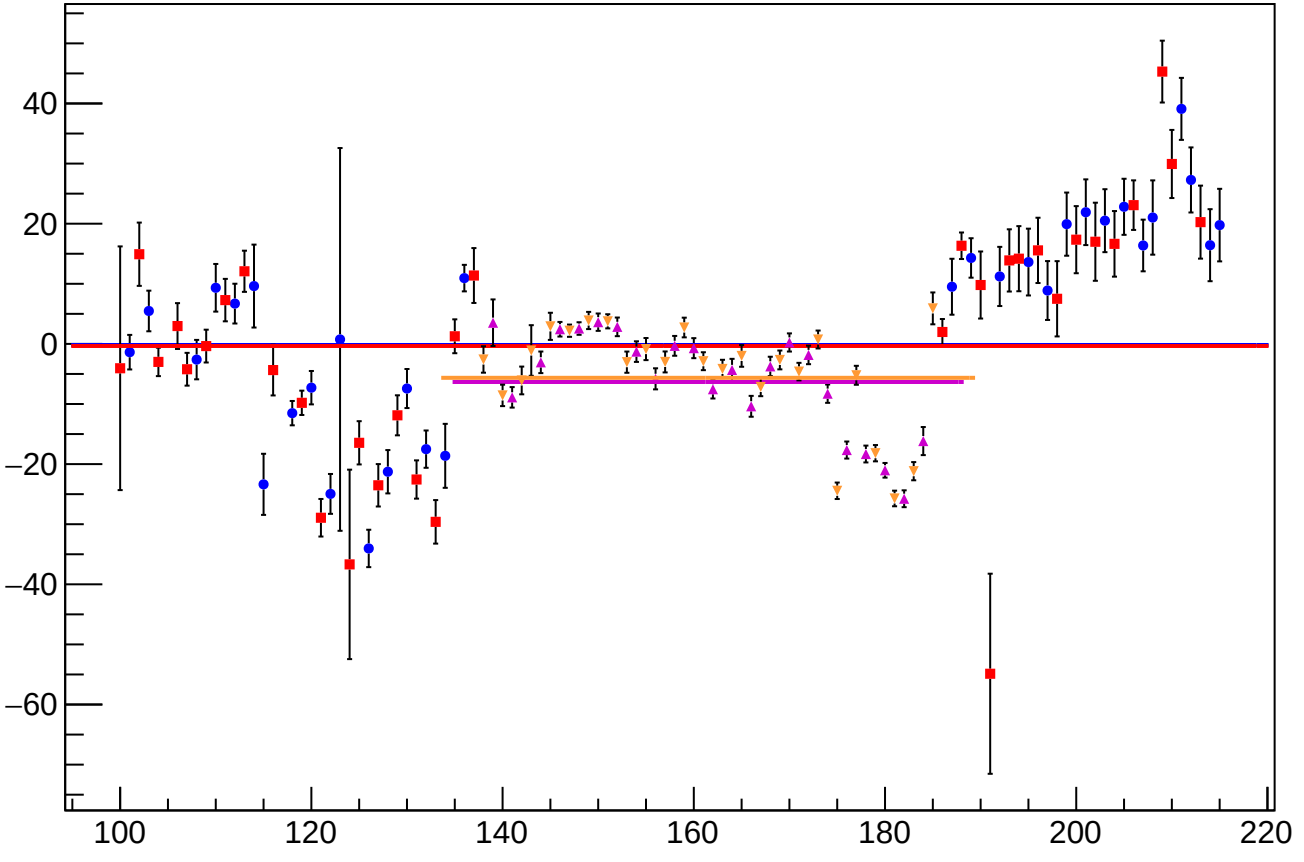
Left In: 23.136+/-0.401 χ^2/NDF:2744.7/22

\+ sign 11.610+/-0.363 χ^2/NDF: 9724.6/39

All: 10.965+/-0.255 χ^2/NDF: 18542.5/77

\- sign 10.332+/-0.360 χ^2/NDF: 8811.7/37

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: -0.346+/-0.626 χ^2/NDF: 613.1/33

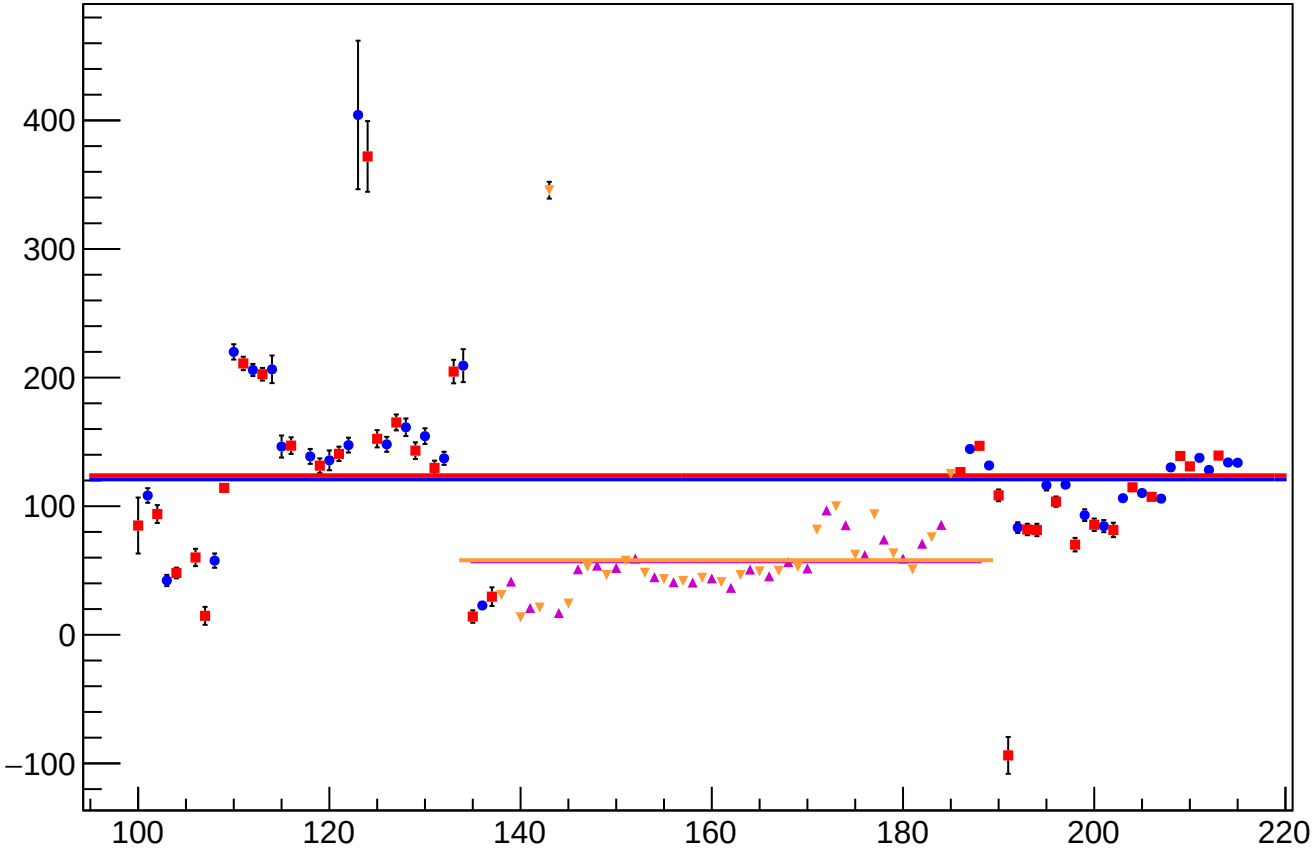
Left In: -6.337+/-0.321 χ^2/NDF:783.0/22

+ sign -4.656+/-0.286 χ^2/NDF: 1542.8/56

All: -4.872+/-0.202 χ^2/NDF: 3012.6/113

- sign -5.088+/-0.286 χ^2/NDF: 1468.6/56

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: 124.037+/-0.630 χ^2/NDF: 3272.3/33

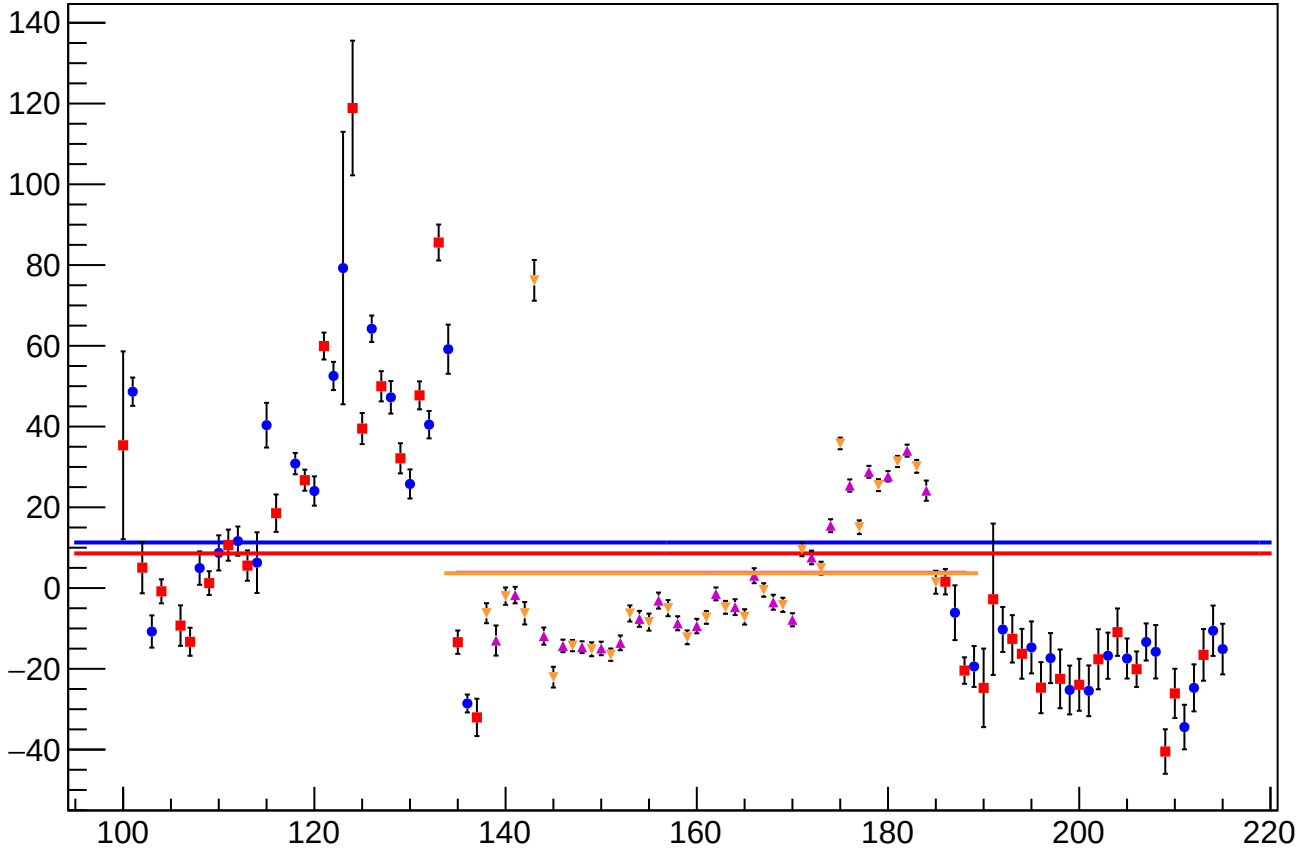
Left In: 57.139+/-0.400 χ^2/NDF:1803.4/22

+ sign 72.735+/-0.348 χ^2/NDF: 13094.4/56

All: 74.585+/-0.242 χ^2/NDF: 26263.8/113

- sign 76.323+/-0.337 χ^2/NDF: 13114.7/56

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: 8.589+/-0.740 χ^2/NDF: 1581.9/33

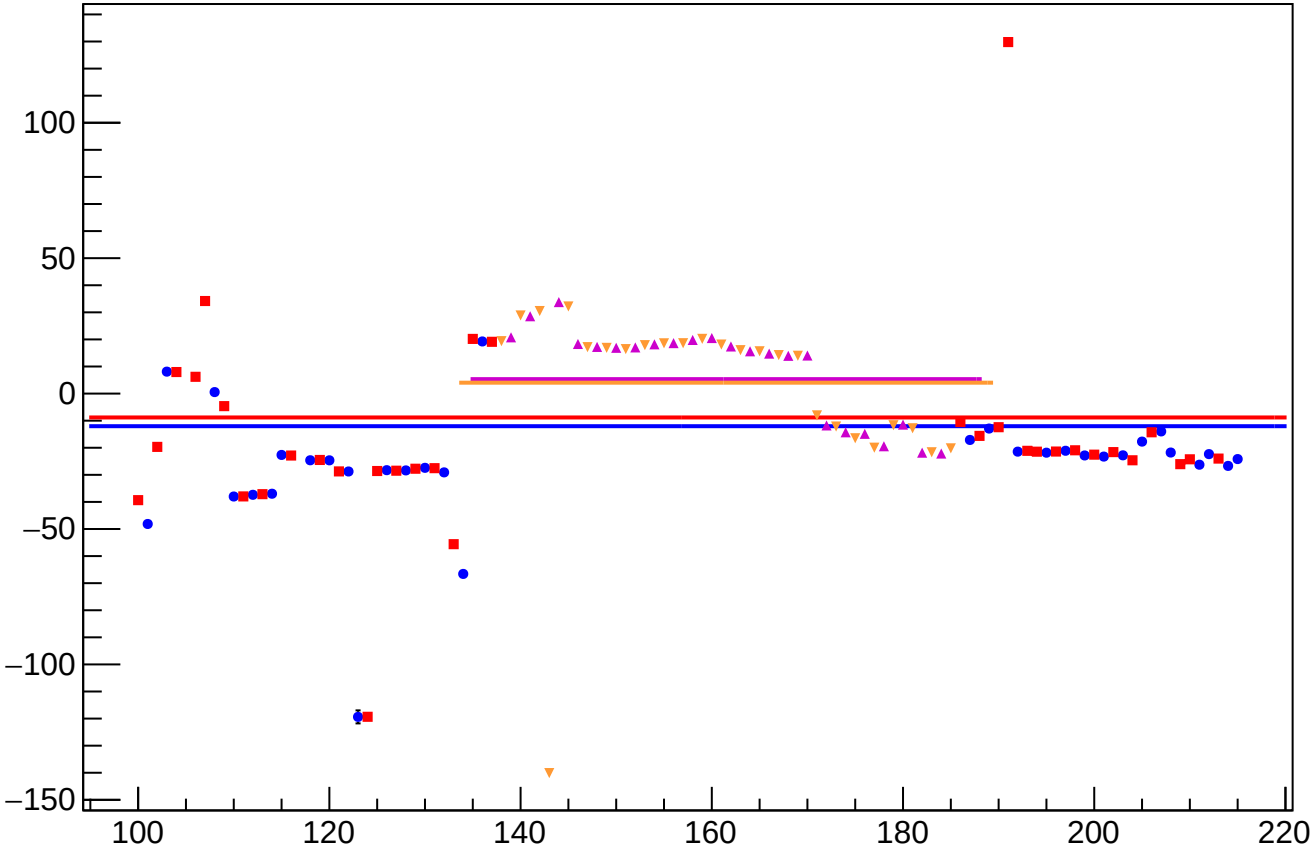
Left In: 3.786+/-0.362 χ^2/NDF:2198.8/22

+ sign 5.028+/-0.324 χ^2/NDF: 4231.0/56

All: 4.871+/-0.229 χ^2/NDF: 8046.2/113

- sign 4.712+/-0.325 χ^2/NDF: 3814.7/56

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: -8.814+/-0.035 χ^2/NDF: 397435.5/33

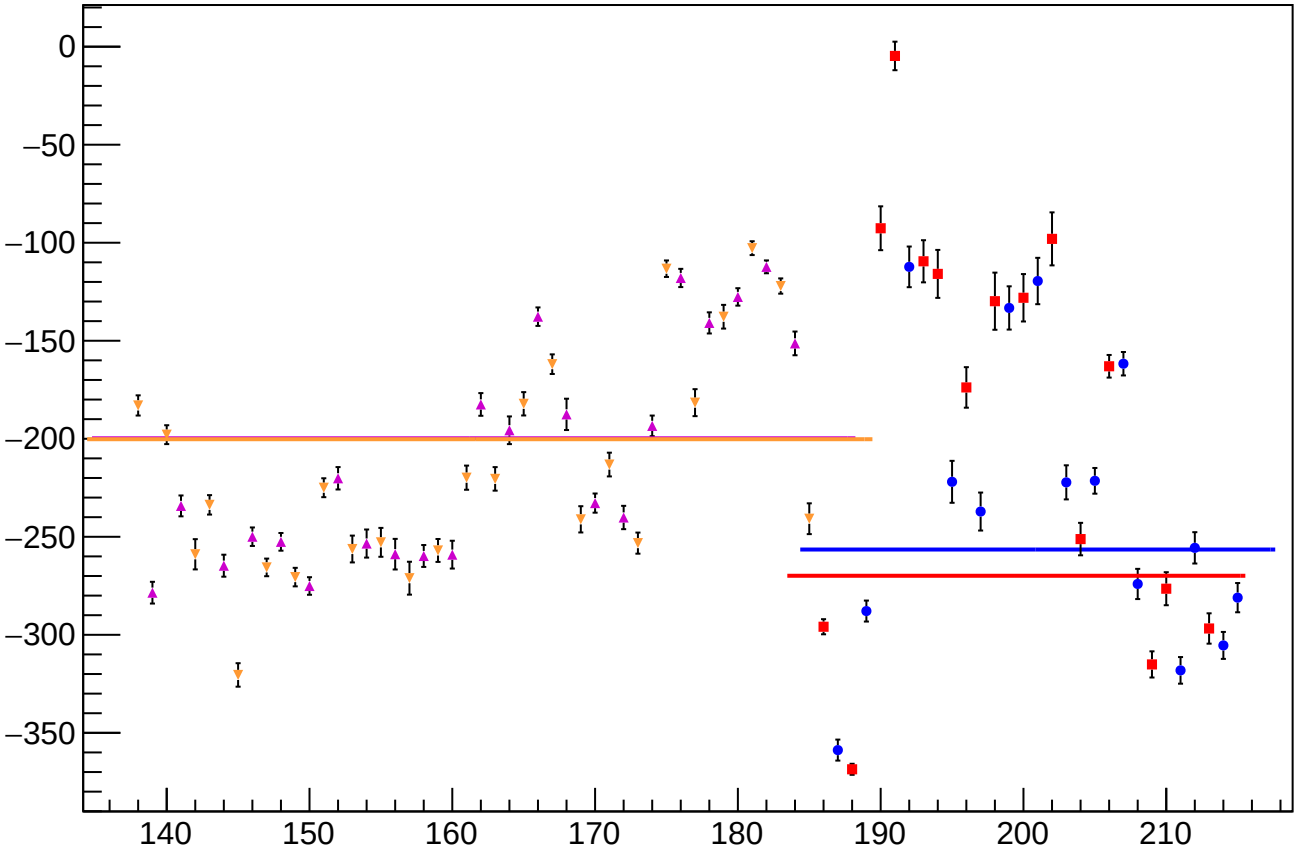
Left In: 5.335+/-0.016 χ^2/NDF:1077818.8/22

+ sign 1.273+/-0.015 χ^2/NDF: 1855285.3/56

All: 2.053+/-0.011 χ^2/NDF: 3467277.1/113

- sign 2.833+/-0.015 χ^2/NDF: 1606513.0/56

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: -269.881+/-1.666 χ^2/NDF: 4121.4/14

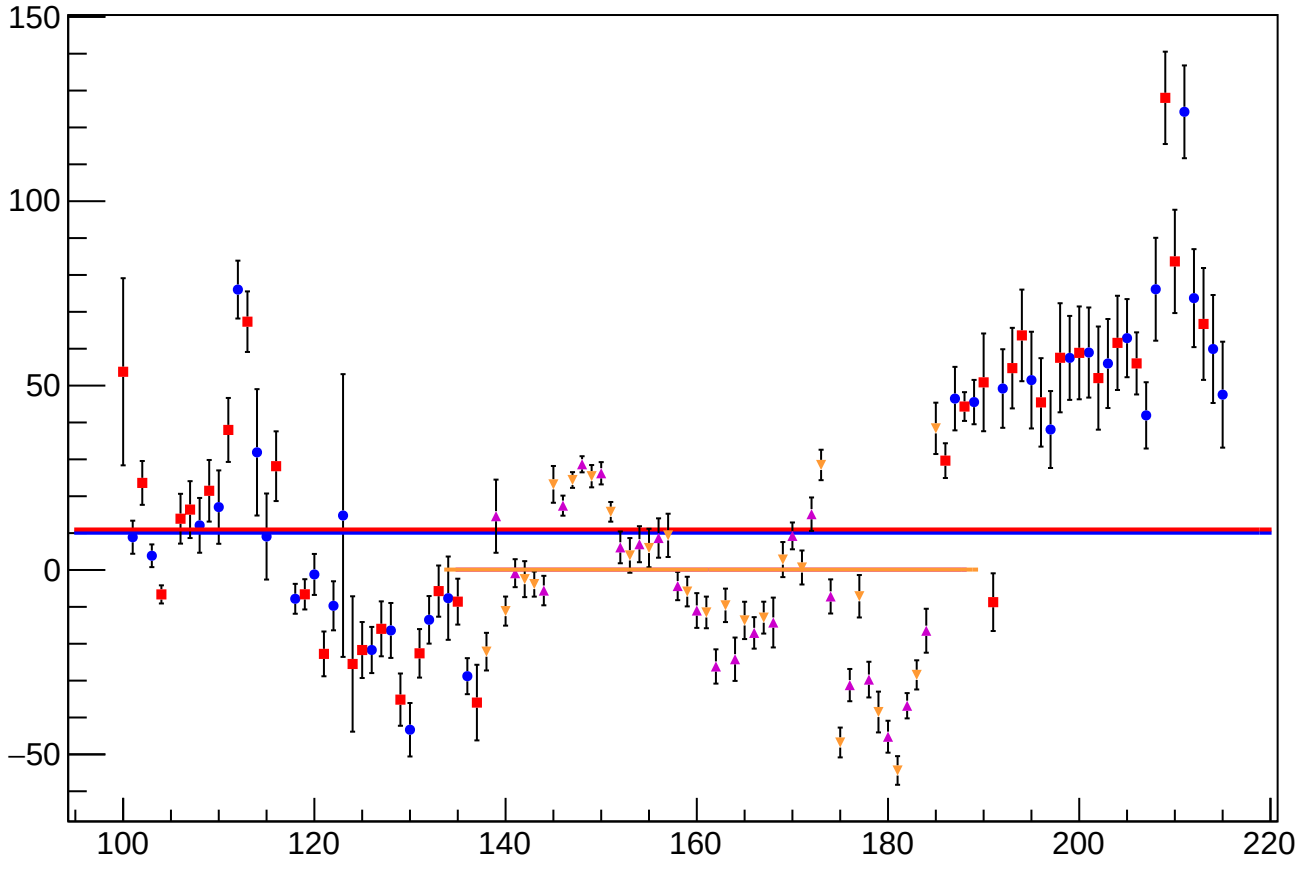
Left In: -199.739+/-1.097 χ^2/NDF:2968.0/22

\+ sign -213.724+/-0.940 χ^2/NDF: 5188.9/39

All: -217.431+/-0.656 χ^2/NDF: 13544.4/77

\- sign -220.957+/-0.917 χ^2/NDF: 8325.2/37

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: 10.985+/-1.180 χ^2/NDF: 662.4/33

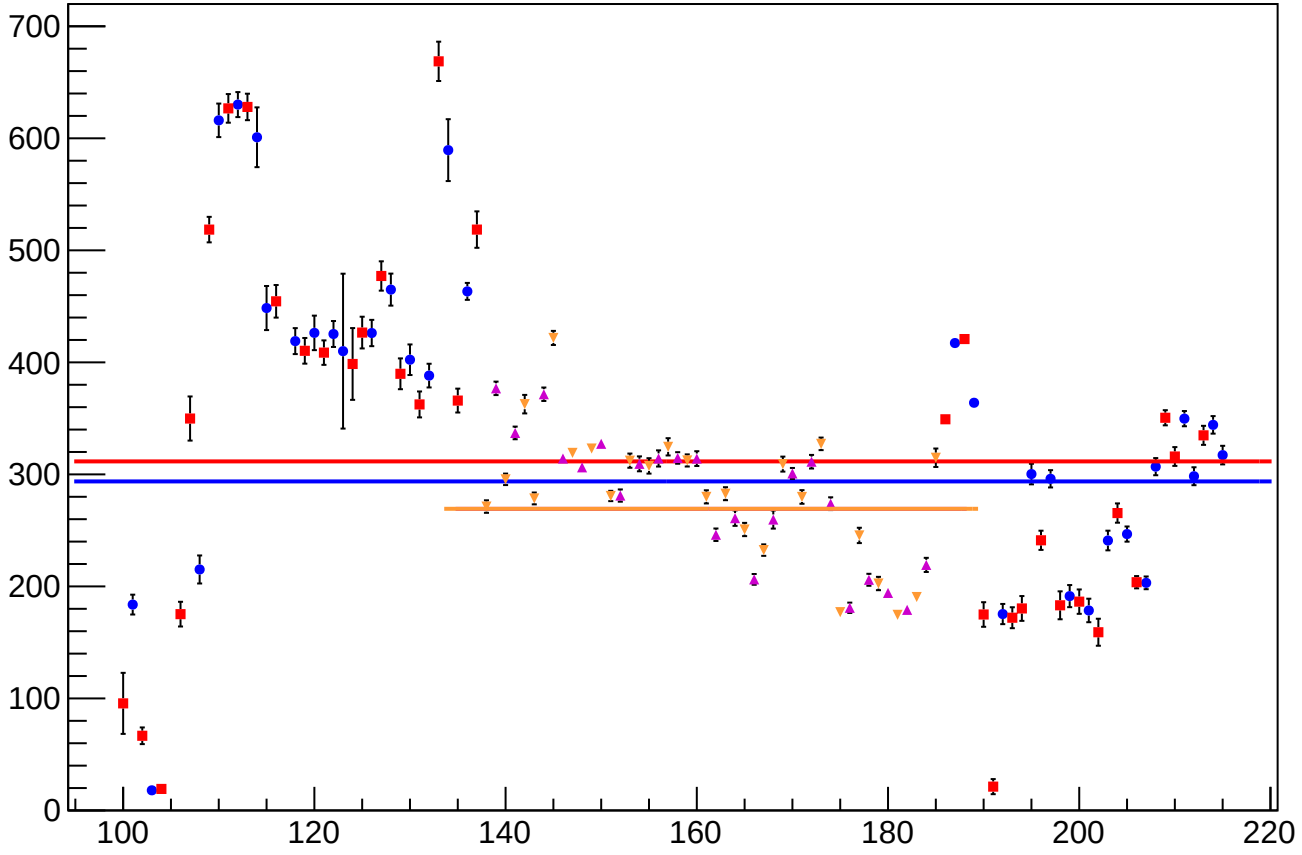
Left In: 0.097+/-0.838 χ^2/NDF:715.5/22

+ sign 2.909+/-0.685 χ^2/NDF: 1470.2/56

All: 3.330+/-0.484 χ^2/NDF: 2905.4/113

- sign 3.748+/-0.683 χ^2/NDF: 1434.5/56

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: 311.593+/-1.241 χ^2/NDF: 14403.6/33

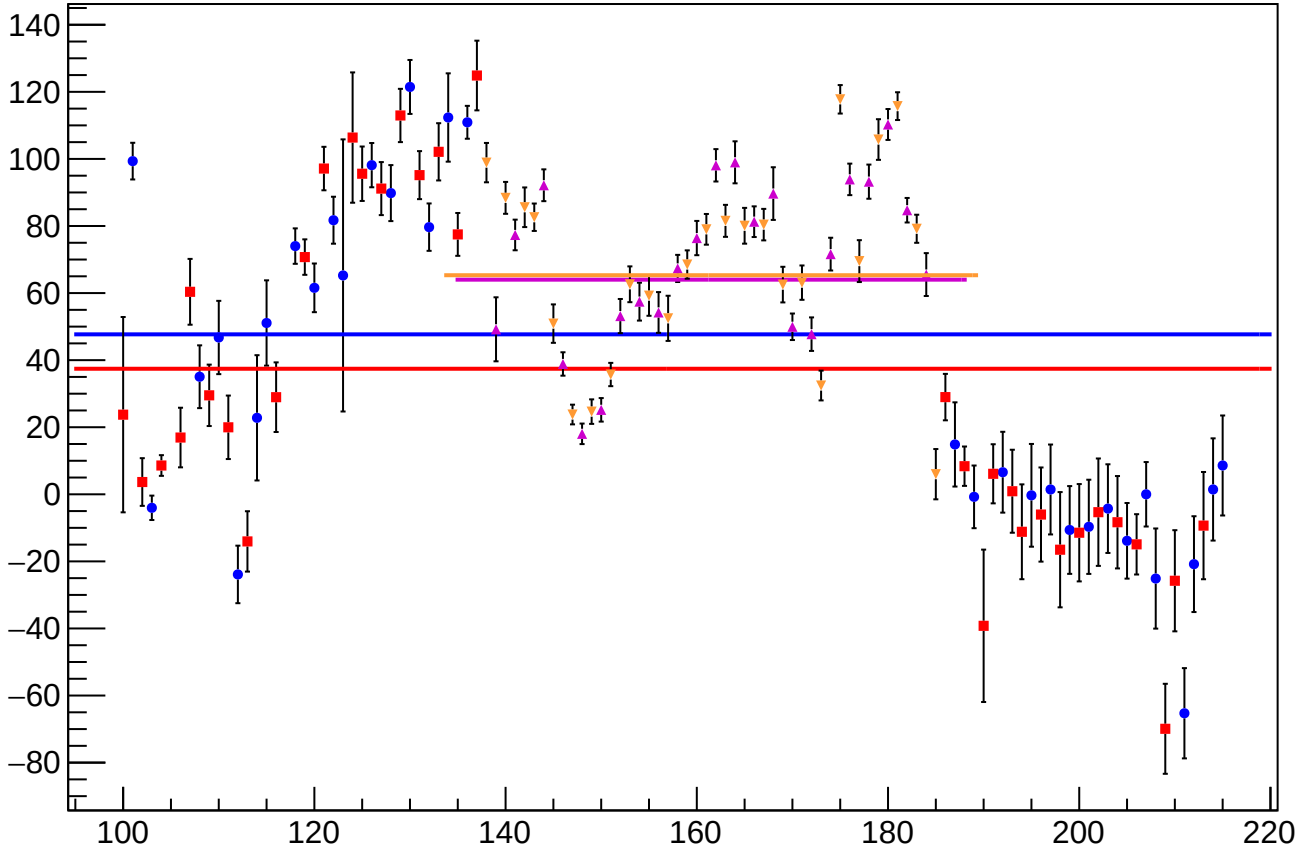
Left In: 269.191+/-1.091 χ^2/NDF:3170.2/22

+ sign 277.960+/-0.865 χ^2/NDF: 12974.5/56

All: 283.079+/-0.595 χ^2/NDF: 31273.4/113

- sign 287.666+/-0.819 χ^2/NDF: 18232.5/56

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: 37.435+/-1.422 χ^2/NDF: 959.7/33

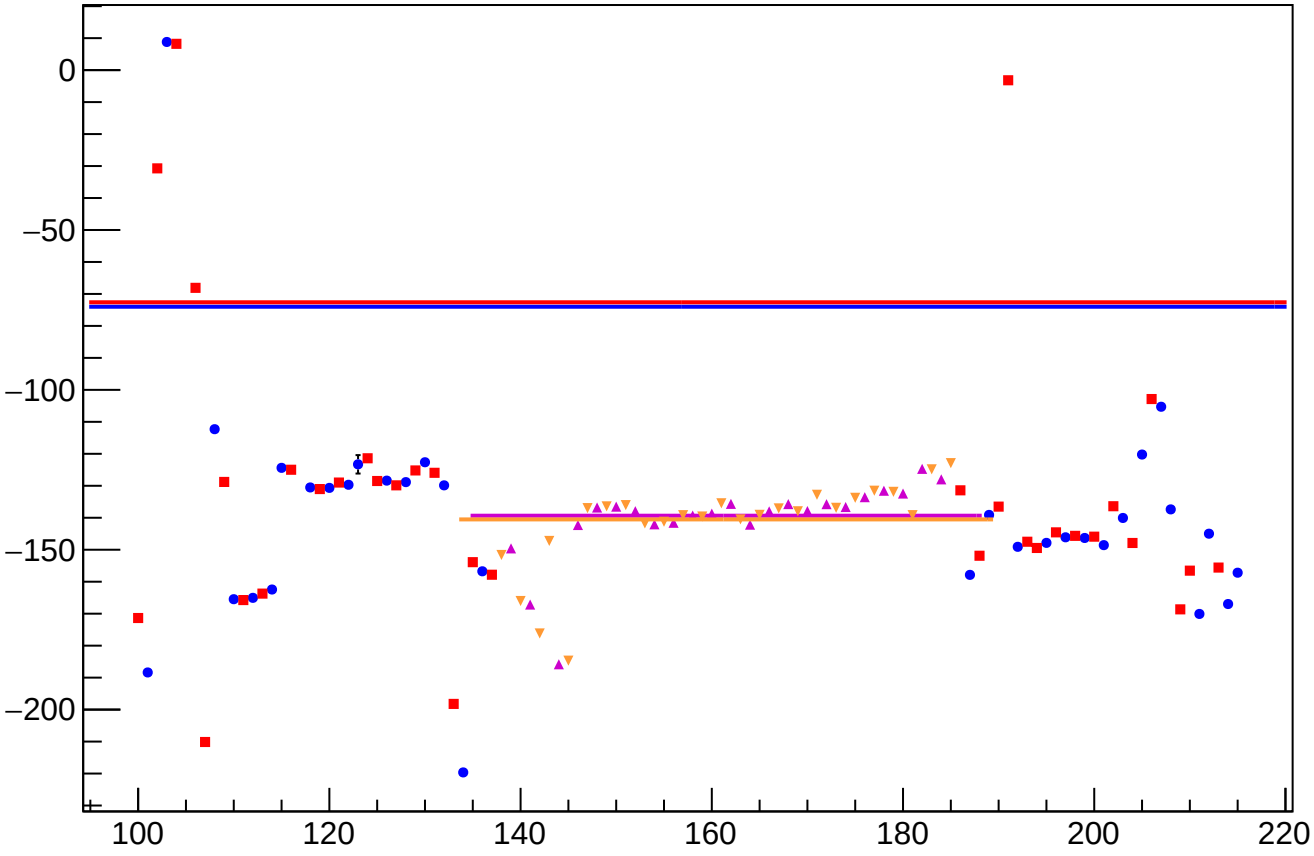
Left In: 63.999+/-0.963 χ^2/NDF:799.5/22

+ sign 60.421+/-0.794 χ^2/NDF: 2208.7/56

All: 58.042+/-0.563 χ^2/NDF: 4225.2/113

- sign 55.645+/-0.797 χ^2/NDF: 1998.5/56

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: -72.609+/-0.060 χ^2/NDF: 1435805.3/33

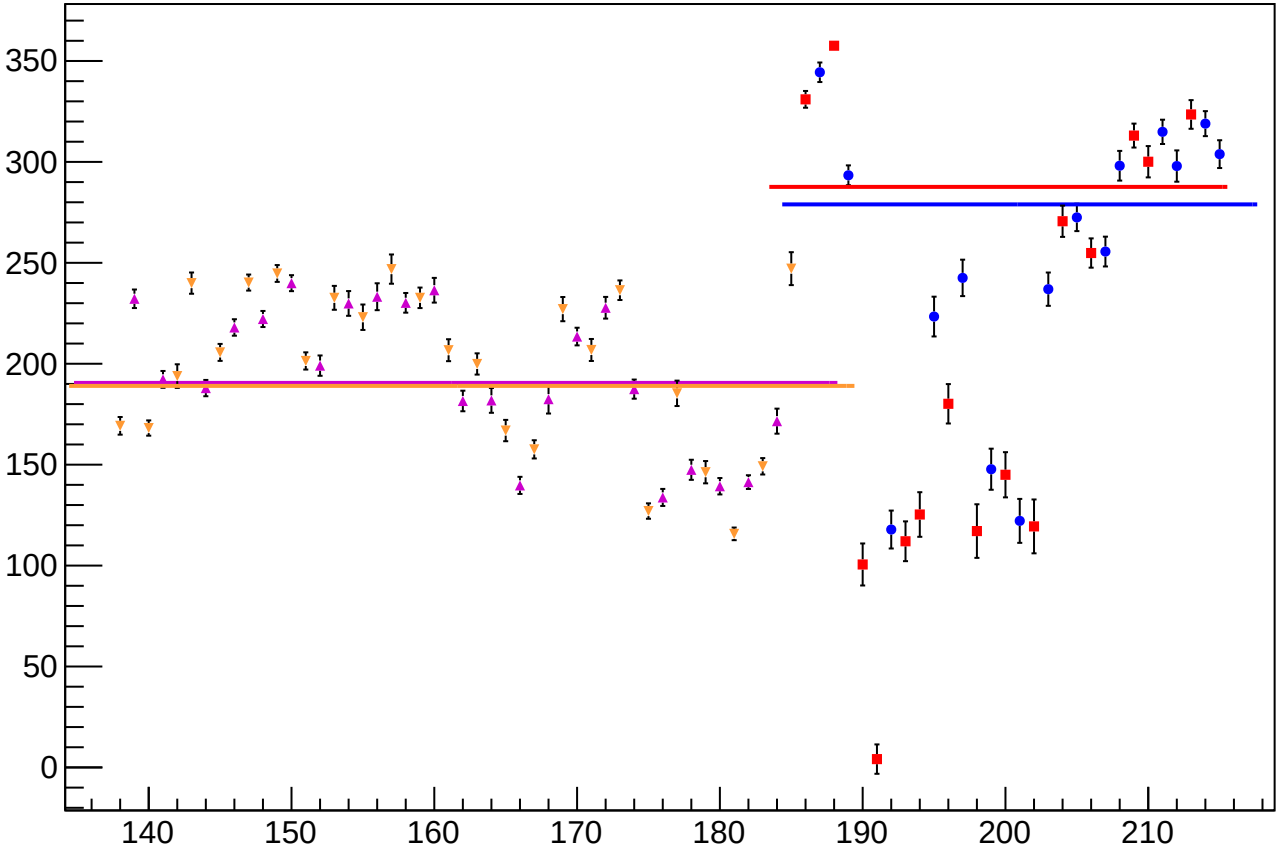
Left In: -139.360+/-0.045 χ^2/NDF:62449.0/22

+ sign -117.638+/-0.036 χ^2/NDF: 2453615.8/56

All: -116.527+/-0.026 χ^2/NDF: 4742658.6/11

- sign -115.417+/-0.036 χ^2/NDF: 2287146.2/56

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: 287.623+/-1.593 χ^2/NDF: 3940.1/14

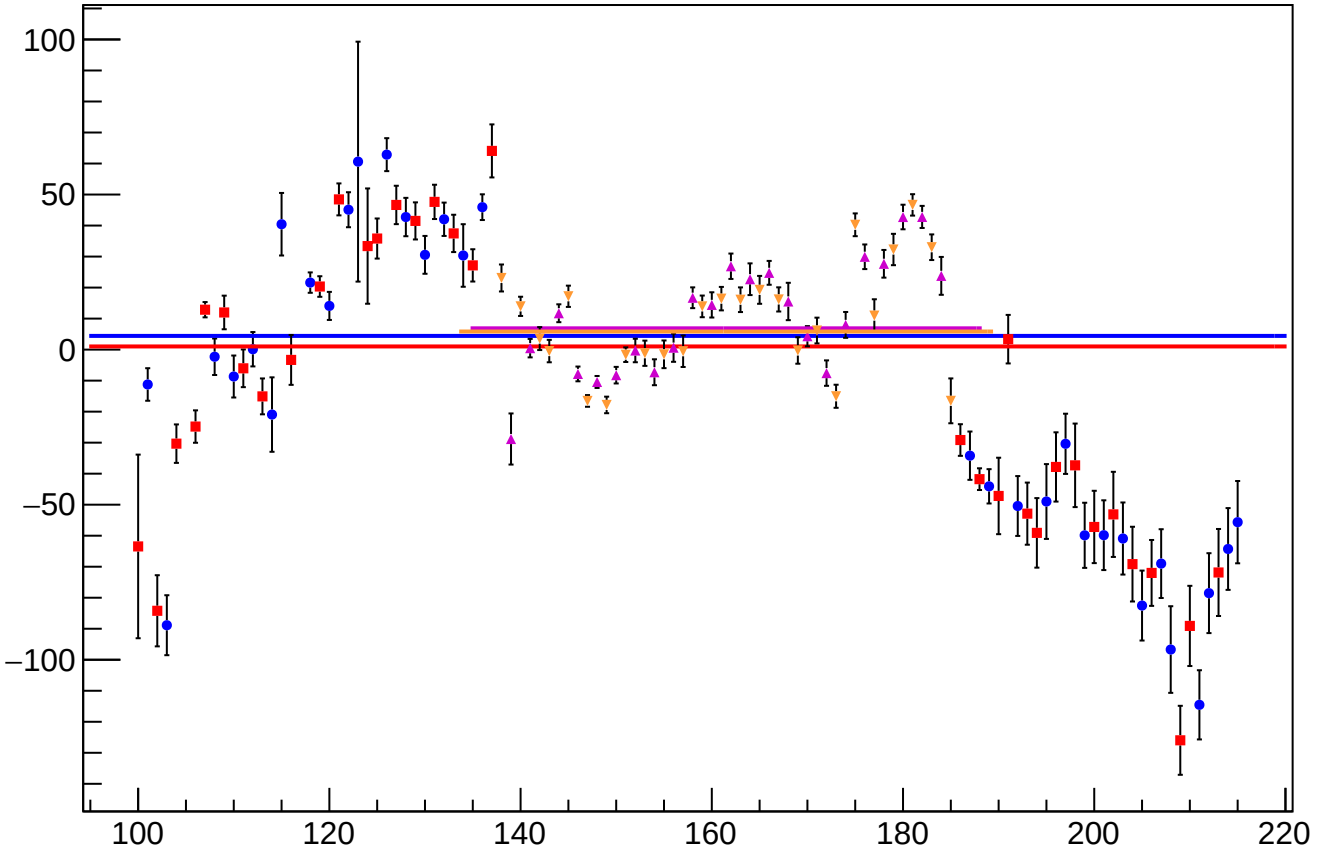
Left In: 190.506+/-0.975 χ^2/NDF:1412.7/22

+ sign 208.411+/-0.847 χ^2/NDF: 4935.7/39

All: 212.770+/-0.593 χ^2/NDF: 13044.4/77

- sign 216.977+/-0.832 χ^2/NDF: 8056.7/37

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: 1.021+/-1.063 χ^2/NDF: 1189.9/33

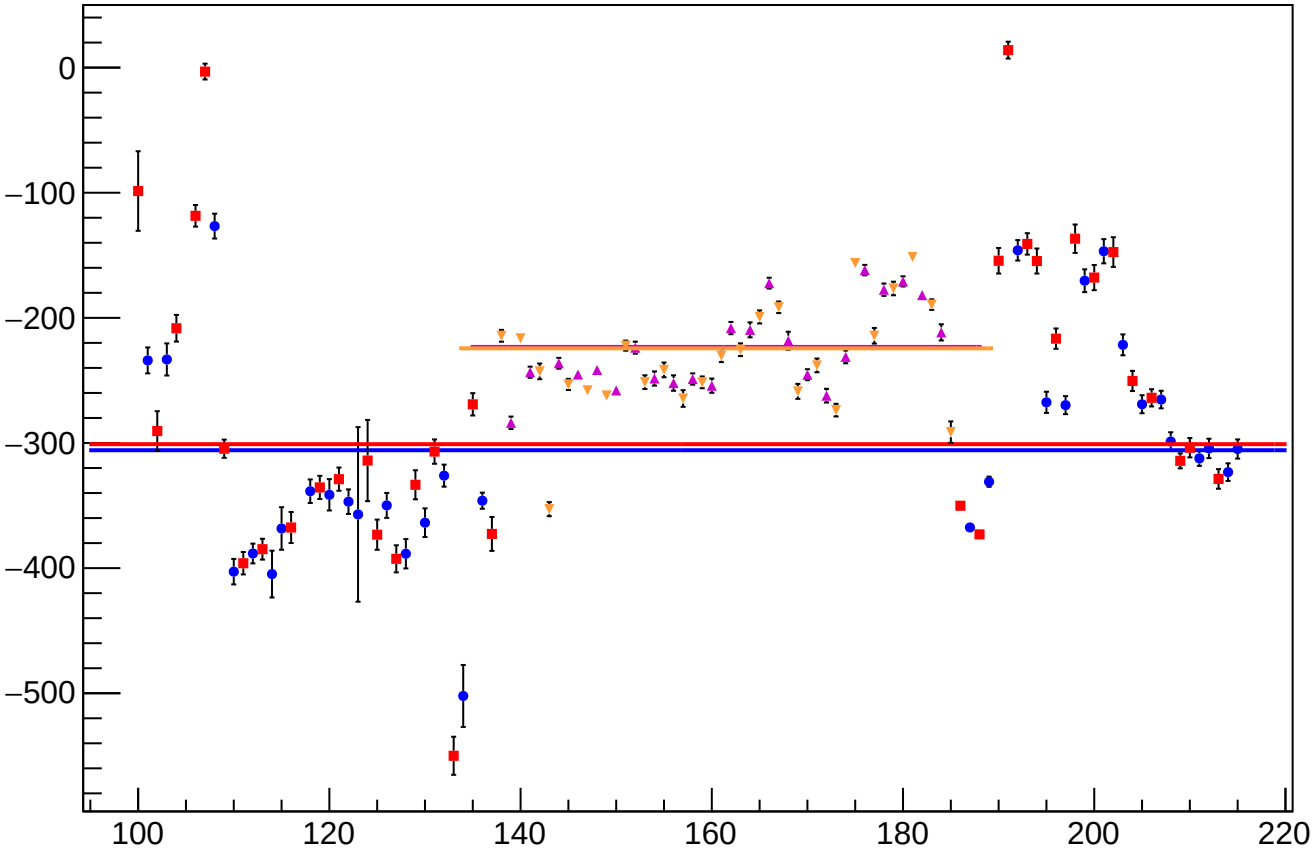
Left In: 6.862+/-0.736 χ^2/NDF:522.7/22

+ sign 5.480+/-0.617 χ^2/NDF: 1824.0/56

All: 5.220+/-0.432 χ^2/NDF: 3557.4/113

- sign 4.969+/-0.605 χ^2/NDF: 1733.0/56

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: -300.947+/-1.183 χ^2/NDF: 8677.6/33

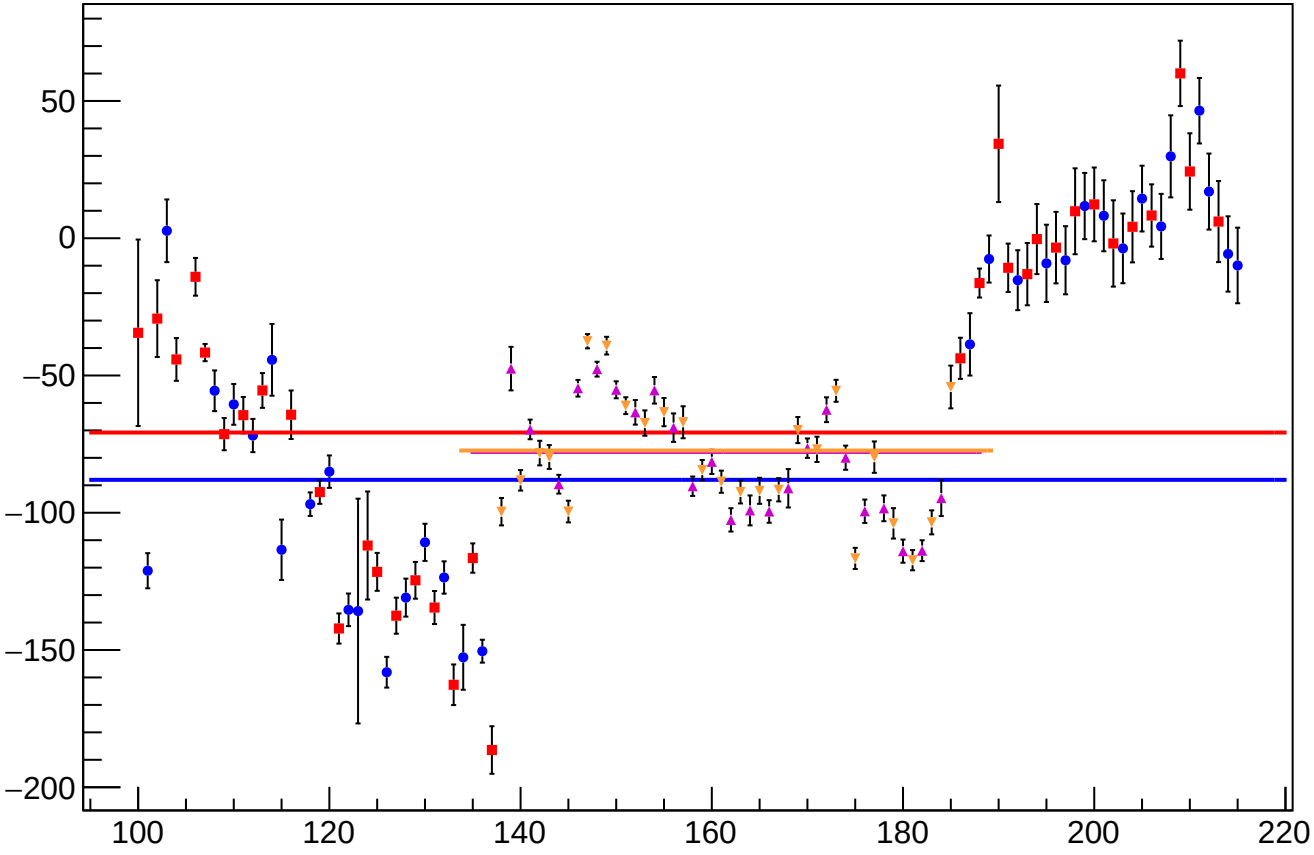
Left In: -223.223+/-0.969 χ^2/NDF:1269.3/22

+ sign -249.822+/-0.793 χ^2/NDF: 6628.0/56

All: -252.265+/-0.545 χ^2/NDF: 19176.8/113

- sign -254.450+/-0.750 χ^2/NDF: 12530.9/56

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: -70.777+/-1.272 χ^2/NDF: 1755.3/33

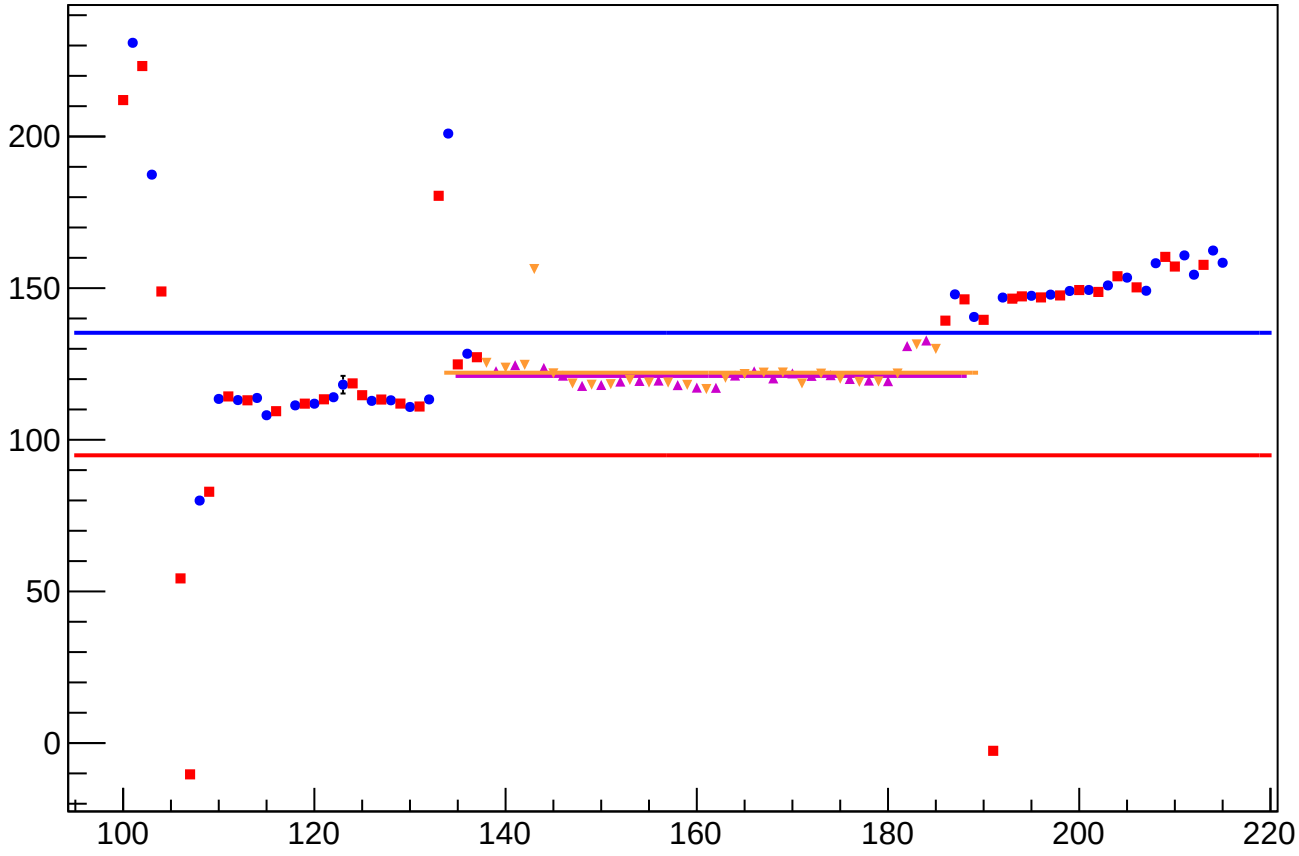
Left In: -77.838+/-0.849 χ^2/NDF:622.8/22

\+ sign -80.027+/-0.715 χ^2/NDF: 2441.9/56

All: -77.816+/-0.502 χ^2/NDF: 4860.3/113

\- sign -75.662+/-0.706 χ^2/NDF: 2399.5/56

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: 94.884+/-0.061 χ^2/NDF: 1161213.5/33

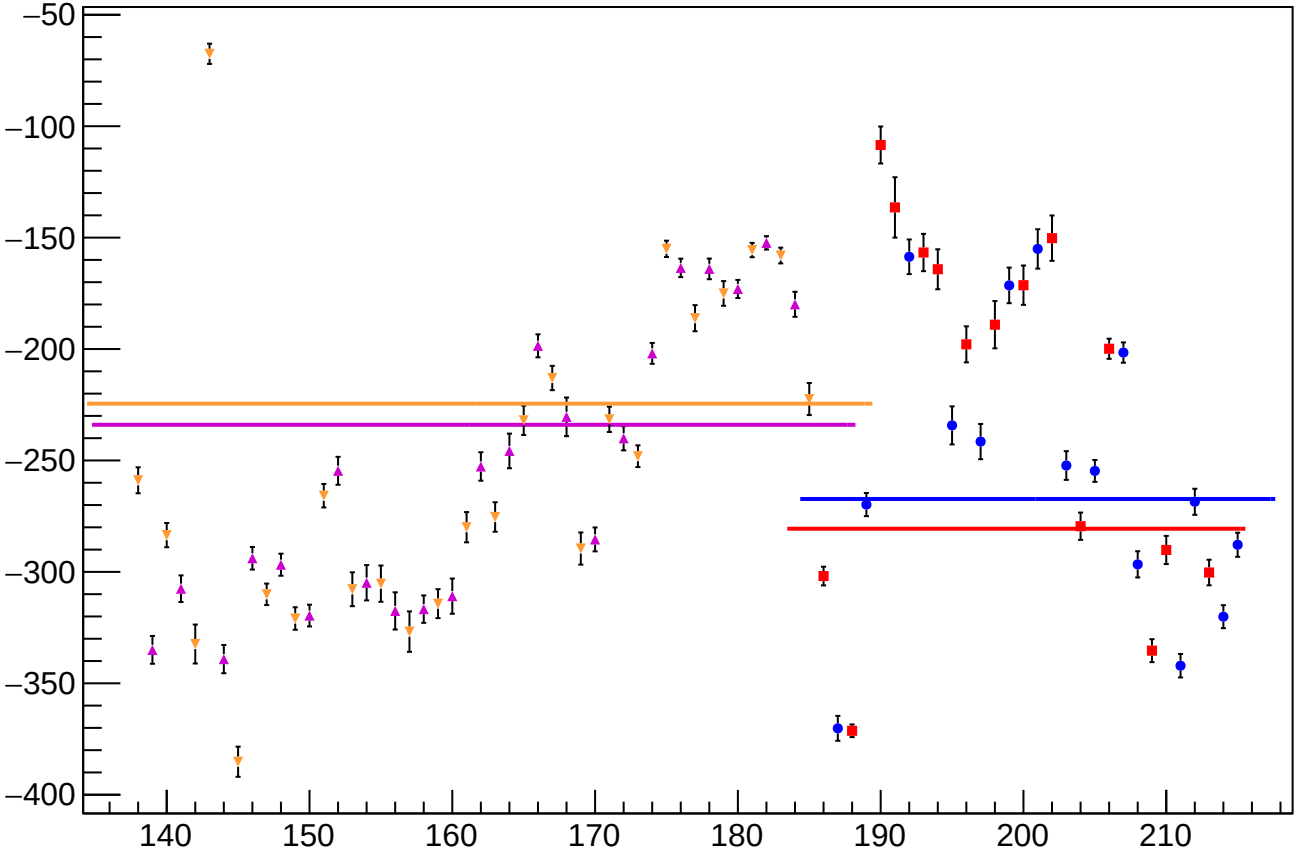
Left In: 121.055+/-0.040 χ^2/NDF:7931.6/22

+ sign 125.144+/-0.035 χ^2/NDF: 267878.9/56

All: 119.032+/-0.024 χ^2/NDF: 1625165.4/113

- sign 113.342+/-0.033 χ^2/NDF: 1296989.0/56

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: -280.626+/-1.505 χ^2/NDF: 2912.2/14

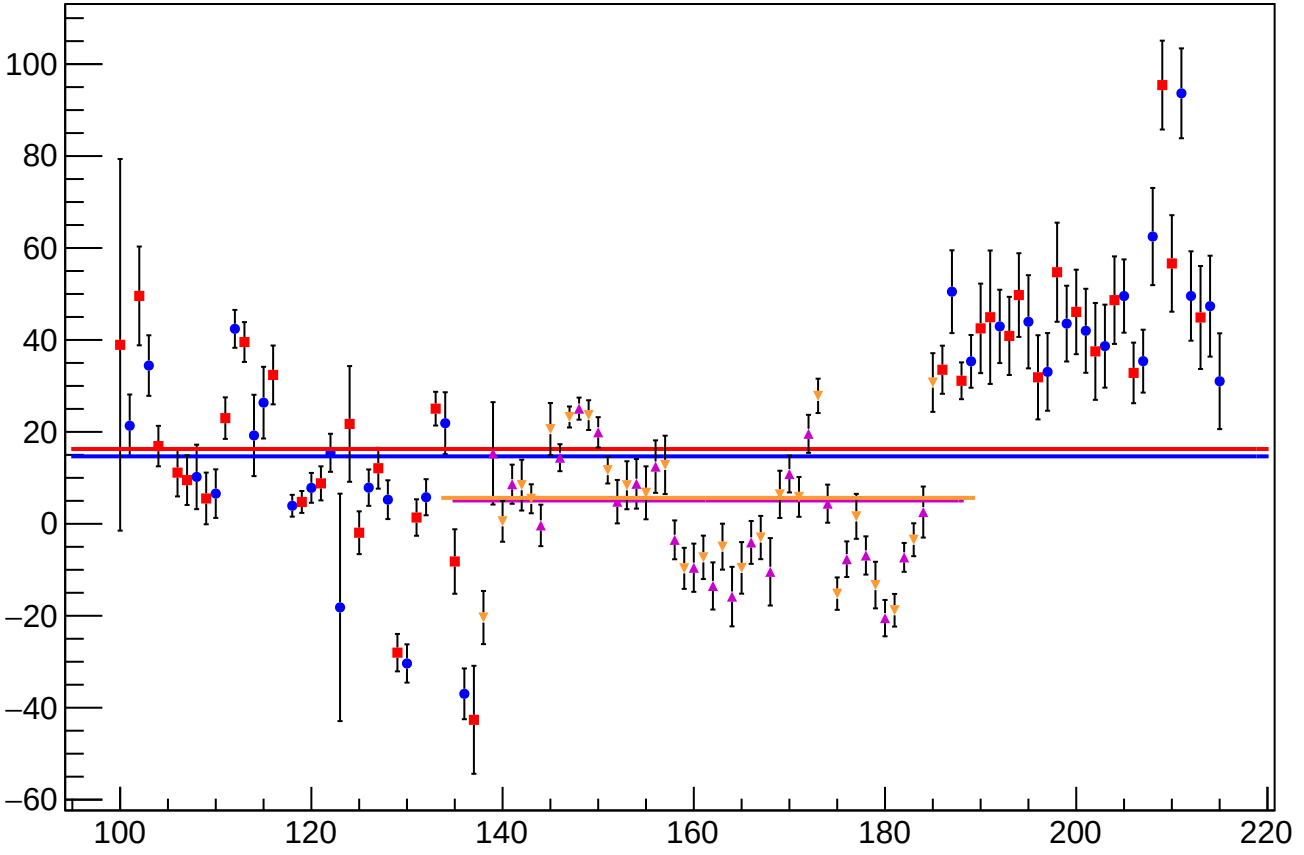
Left In: -233.988+/-1.109 χ^2/NDF:3538.4/22

+ sign -238.628+/-0.883 χ^2/NDF: 6821.7/39

All: -244.447+/-0.628 χ^2/NDF: 13982.6/77

- sign -250.393+/-0.893 χ^2/NDF: 7073.2/37

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: 16.279+/-0.948 χ^2/NDF: 467.2/33

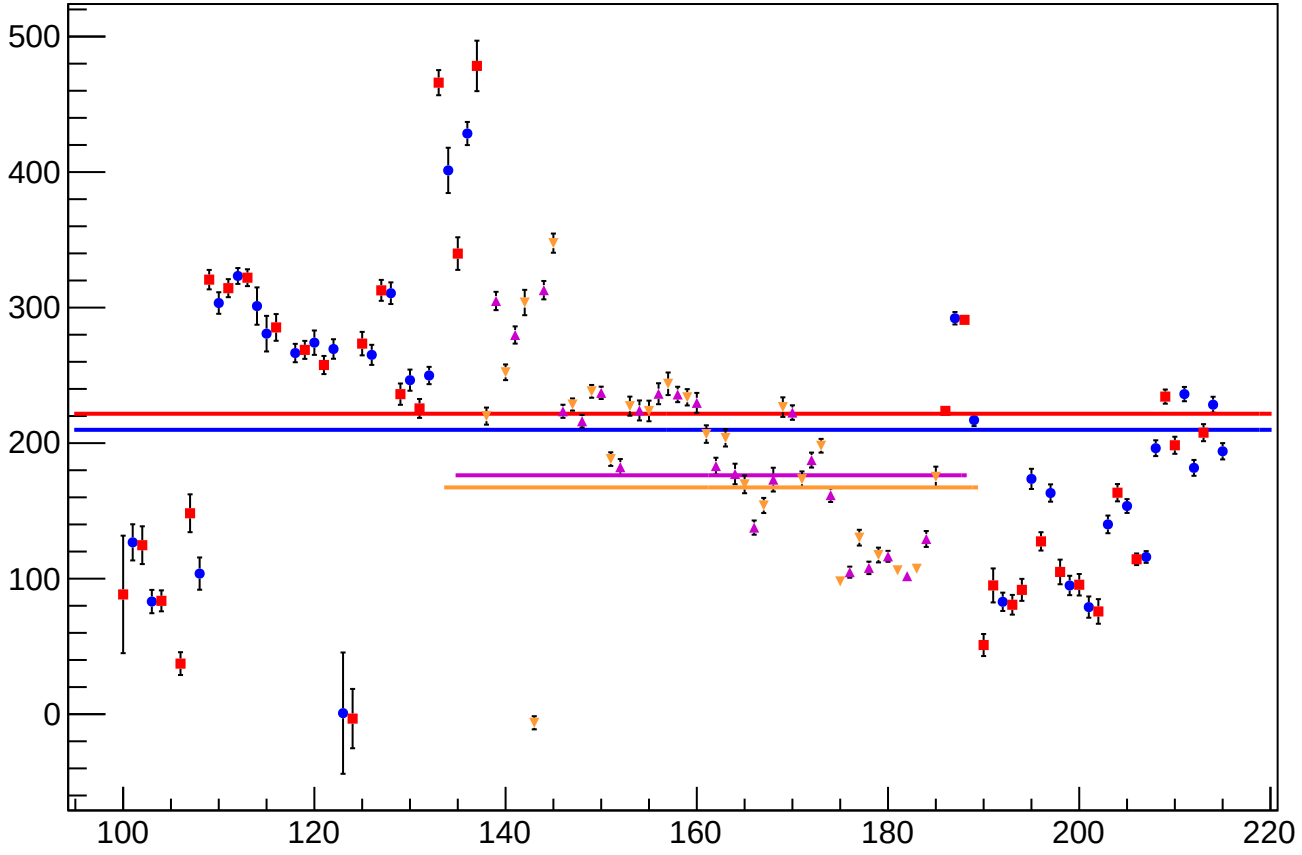
Left In: 5.077+/-0.869 χ^2/NDF:239.7/22

\+ sign 9.367+/-0.635 χ^2/NDF: 889.8/56

All: 9.775+/-0.451 χ^2/NDF: 1673.4/113

\- sign 10.190+/-0.641 χ^2/NDF: 782.7/56

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: 221.688+/-1.107 χ^2/NDF: 6595.7/33

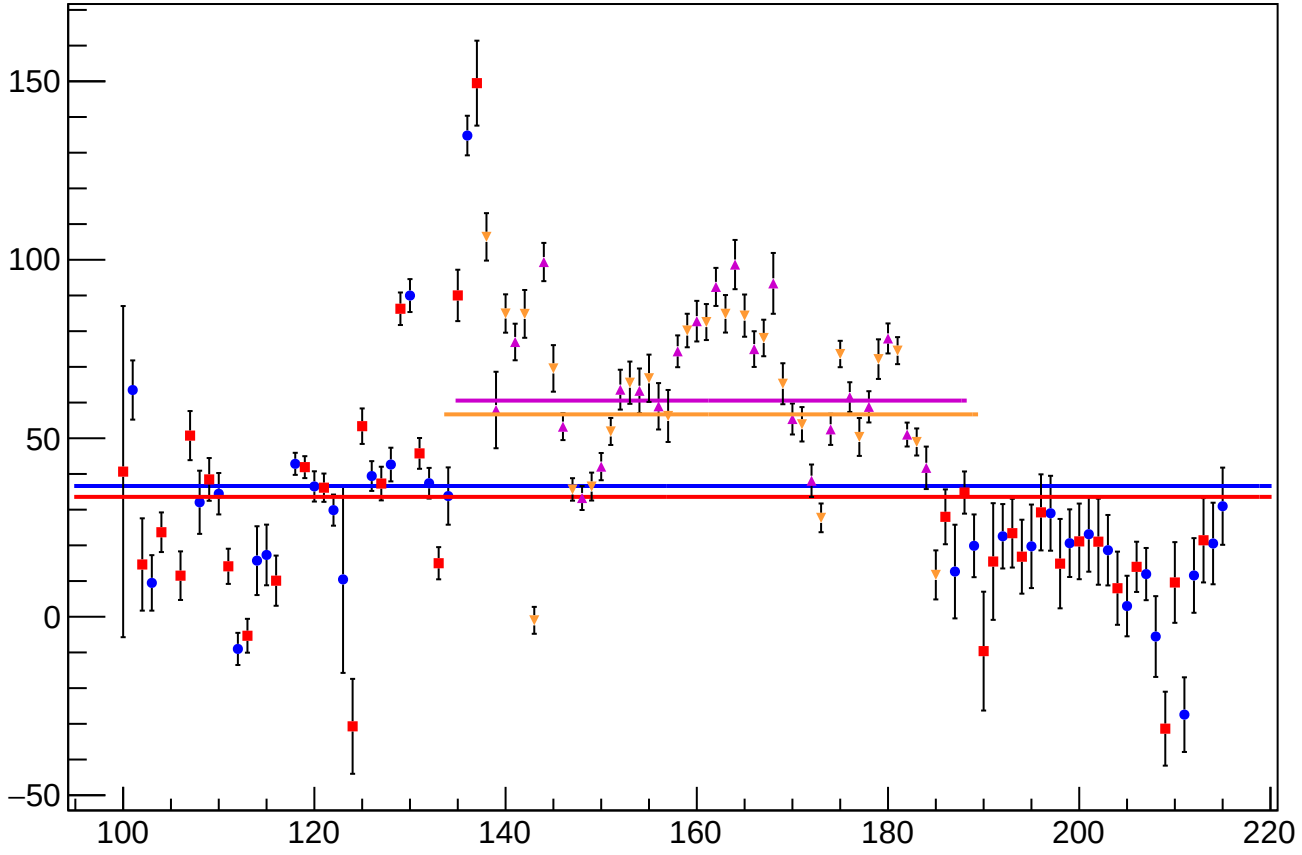
Left In: 176.272+/-1.106 χ^2/NDF:3169.5/22

\+ sign 186.373+/-0.804 χ^2/NDF: 9405.9/56

All: 192.834+/-0.561 χ^2/NDF: 20139.3/113

\- sign 198.951+/-0.782 χ^2/NDF: 10607.6/56

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: 33.580+/-1.110 χ^2/NDF: 555.5/33

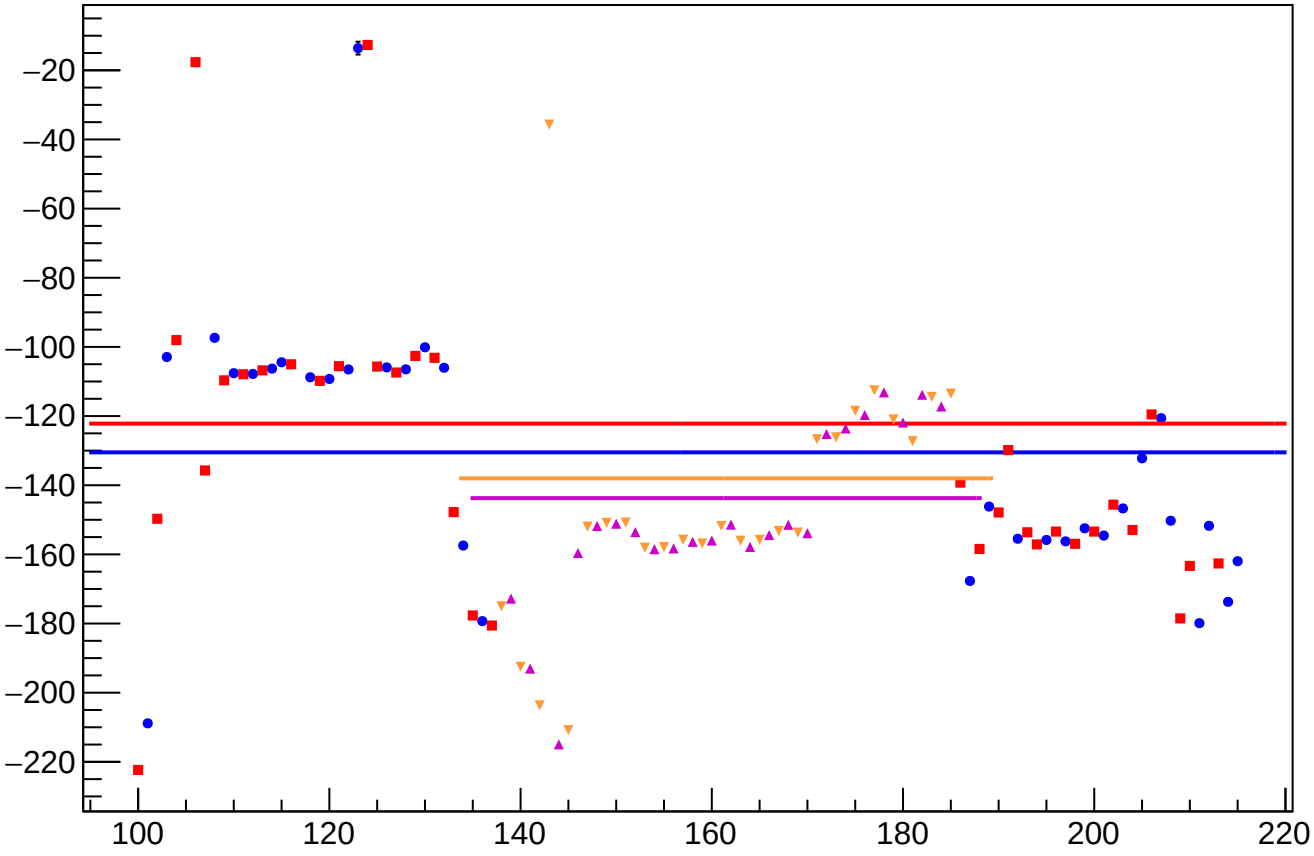
Left In: 60.555+/-0.990 χ^2/NDF:335.6/22

+ sign 48.473+/-0.731 χ^2/NDF: 1571.4/56

All: 48.537+/-0.520 χ^2/NDF: 2791.5/113

- sign 48.602+/-0.739 χ^2/NDF: 1220.0/56

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: -122.177+/-0.058 χ^2/NDF: 480512.0/33

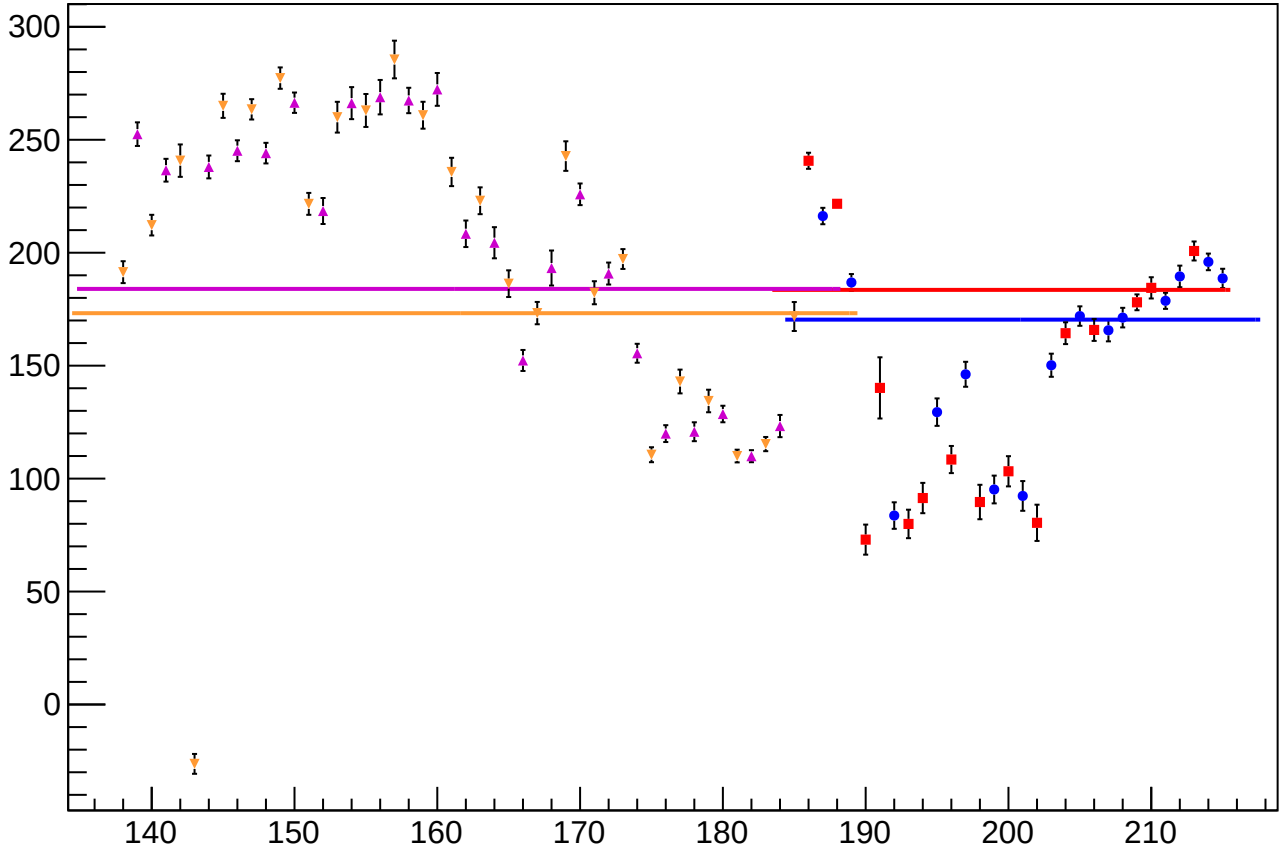
Left In: -143.735+/-0.046 χ^2/NDF:258408.3/22

+ sign -135.340+/-0.036 χ^2/NDF: 804986.1/56

All: -135.338+/-0.026 χ^2/NDF: 1629106.6/11

- sign -135.336+/-0.036 χ^2/NDF: 824120.5/56

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: 183.550+/-1.123 χ^2/NDF: 2086.4/14

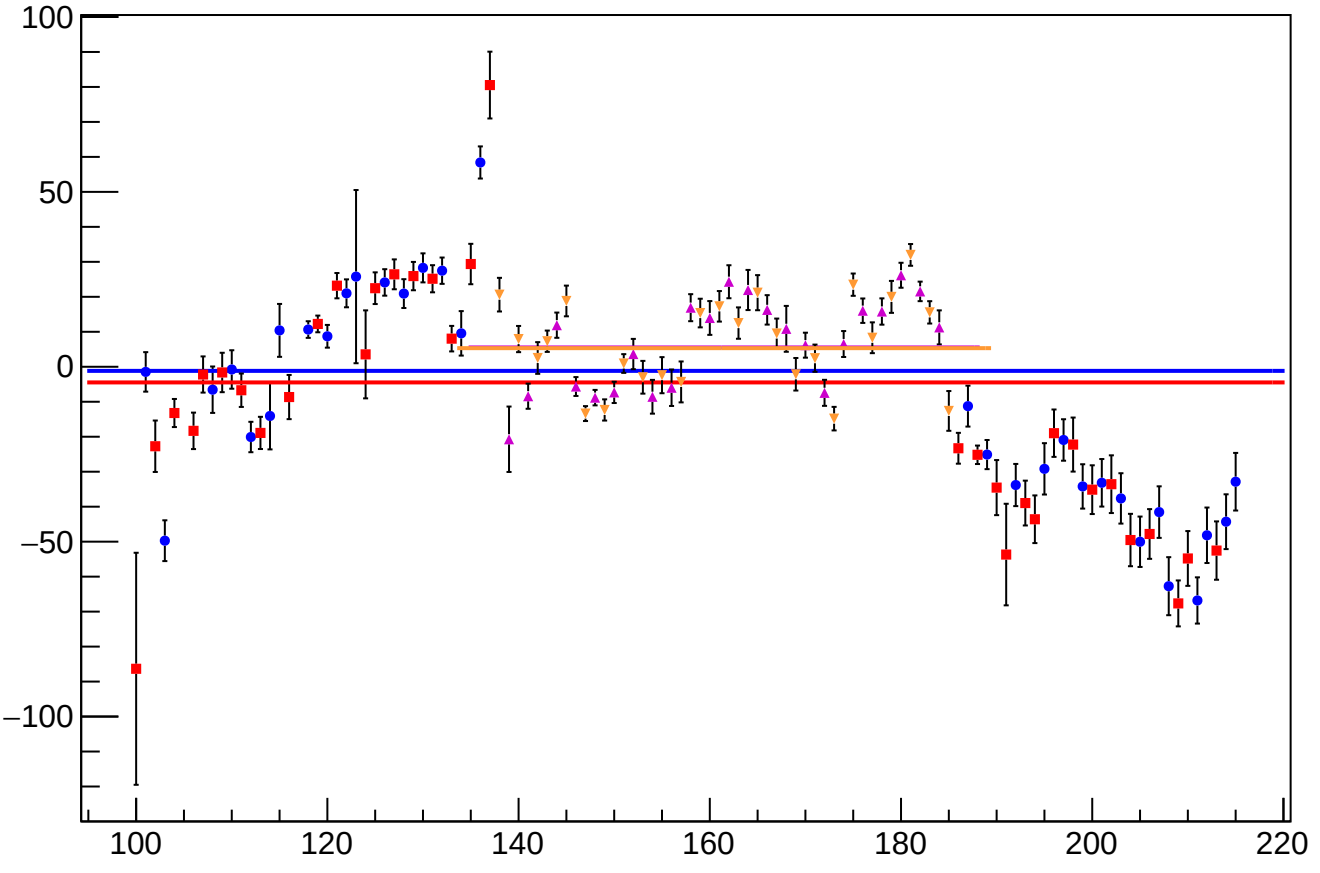
Left In: 183.984+/-0.991 χ^2/NDF:3613.7/22

\+ sign 172.080+/-0.746 χ^2/NDF: 6706.6/39

All: 177.961+/-0.526 χ^2/NDF: 12530.5/77

\- sign 183.794+/-0.743 χ^2/NDF: 5700.1/37

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: -4.477+/-0.865 χ^2/NDF: 920.5/33

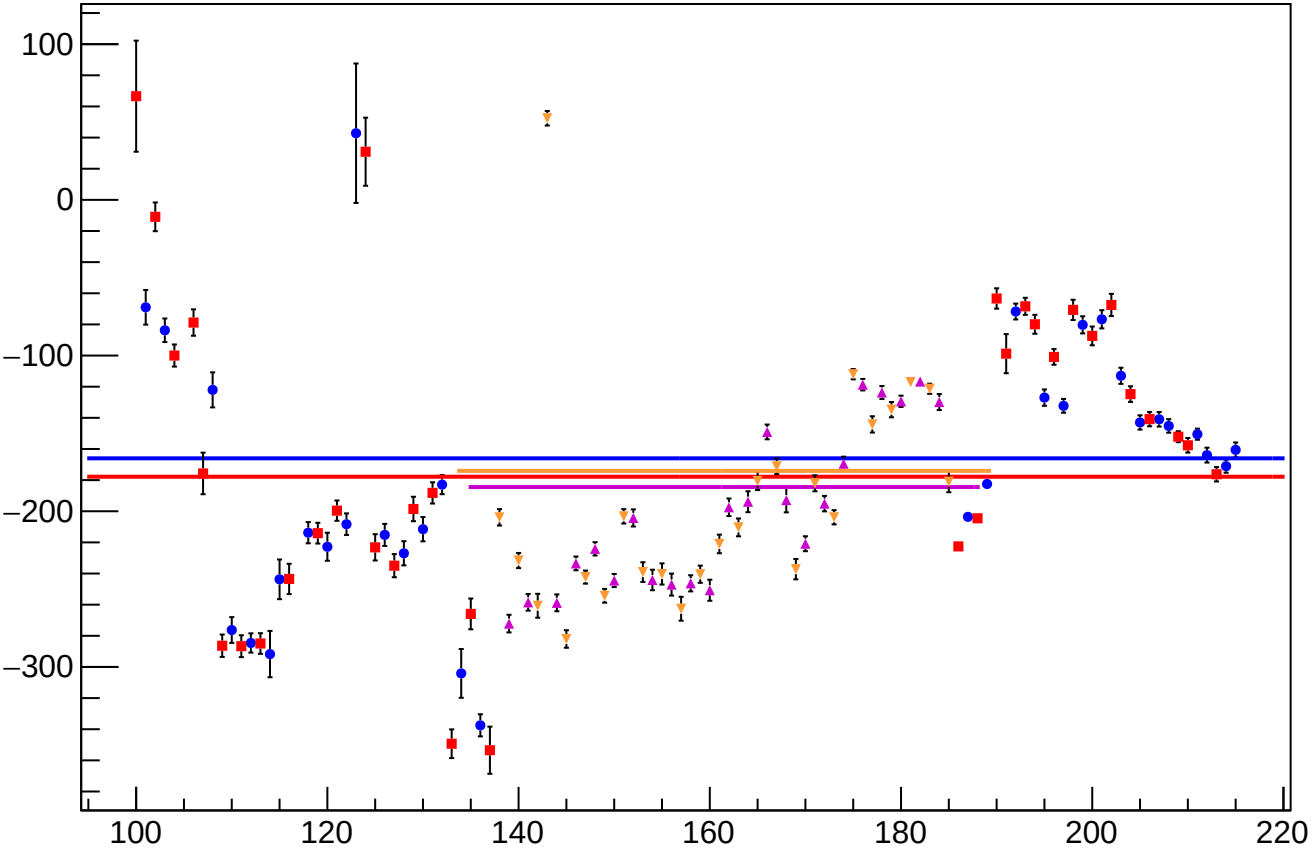
Left In: 5.527+/-0.781 χ^2/NDF:256.3/22

+ sign 2.699+/-0.577 χ^2/NDF: 1363.8/56

All: 1.871+/-0.409 χ^2/NDF: 2618.5/113

- sign 1.036+/-0.580 χ^2/NDF: 1250.5/56

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: -177.817+/-0.878 χ^2/NDF: 4983.5/33

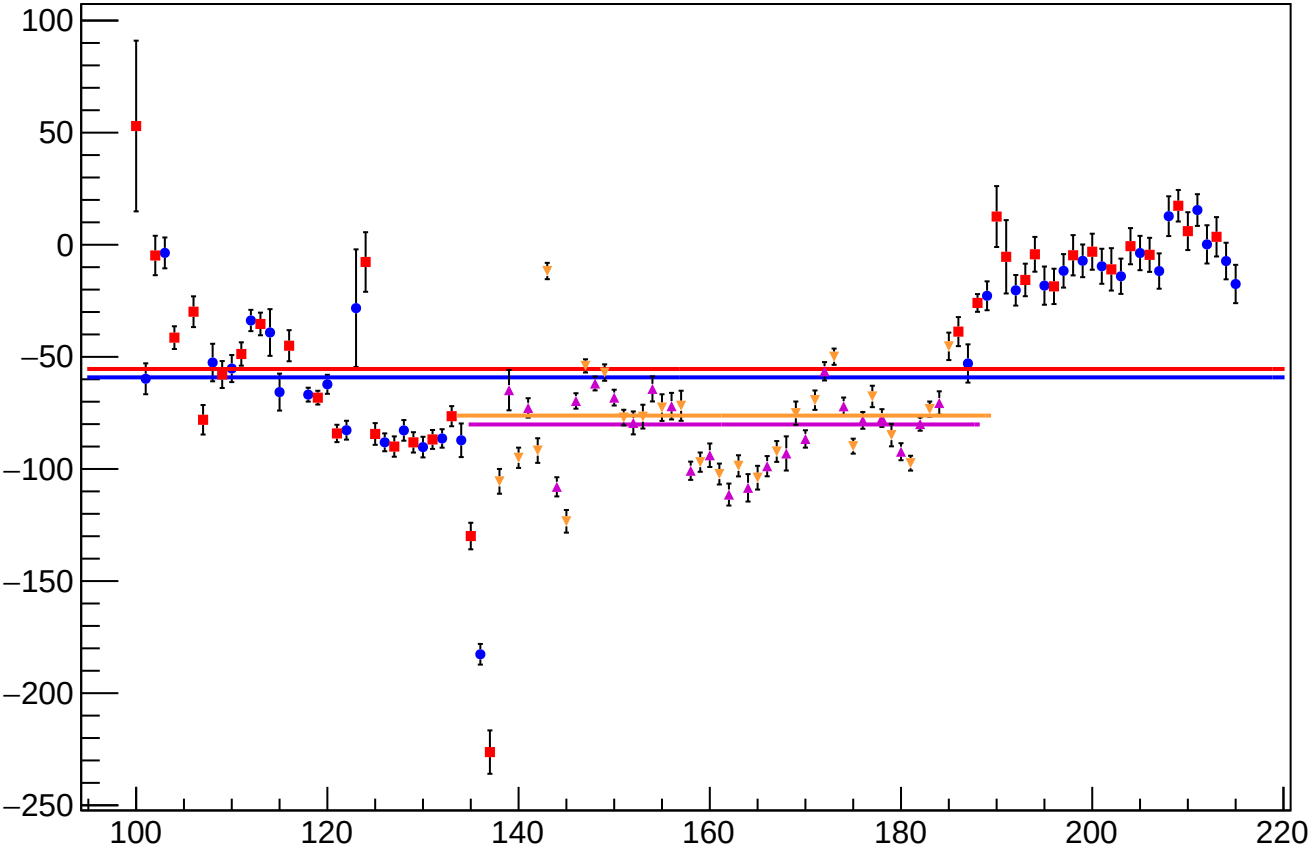
Left In: -184.456+/-0.991 χ^2/NDF:3051.6/22

+ sign -170.048+/-0.688 χ^2/NDF: 8620.5/56

All: -175.636+/-0.475 χ^2/NDF: 16807.1/113

- sign -180.739+/-0.657 χ^2/NDF: 8060.2/56

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: -55.402+/-1.025 χ^2/NDF: 1457.9/33

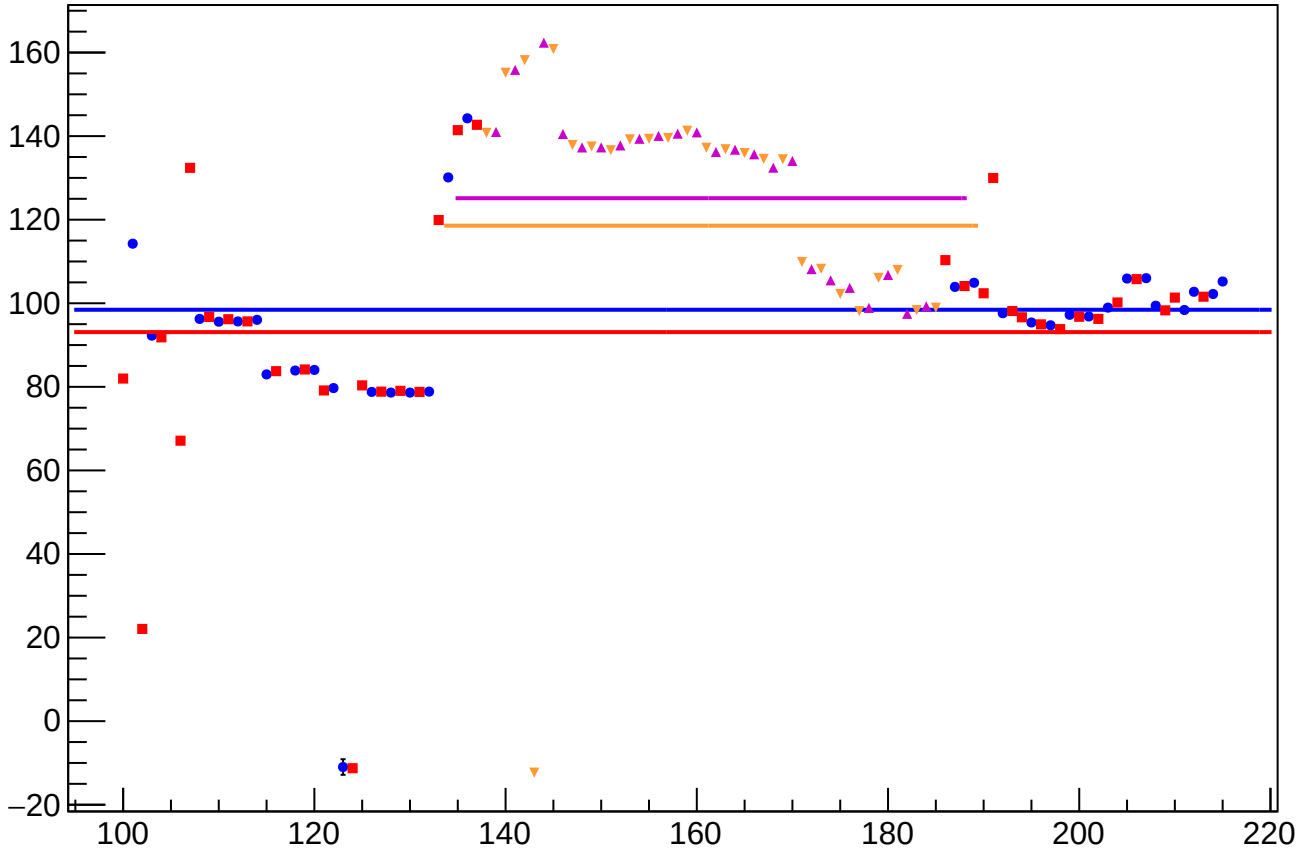
Left In: -80.149+/-0.889 χ^2/NDF:283.3/22

+ sign -69.389+/-0.665 χ^2/NDF: 2627.2/56

All: -69.455+/-0.472 χ^2/NDF: 4701.1/113

- sign -69.521+/-0.672 χ^2/NDF: 2073.9/56

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: 93.098+/-0.050 χ^2/NDF: 244294.1/33

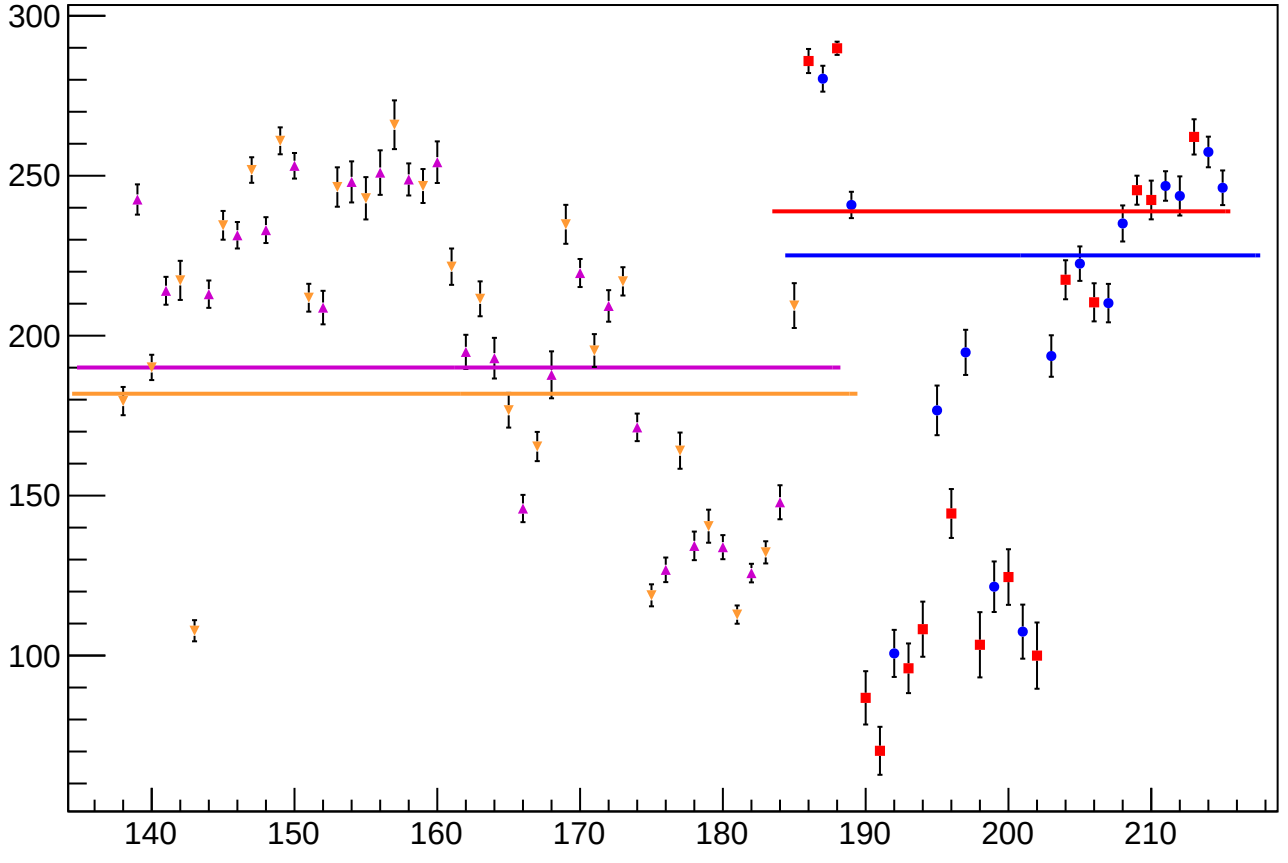
Left In: 125.139+/-0.041 χ^2/NDF:220927.1/22

\+ sign 111.137+/-0.032 χ^2/NDF: 916419.7/56

All: 111.683+/-0.023 χ^2/NDF: 1625080.6/113

\- sign 112.221+/-0.032 χ^2/NDF: 708087.9/56

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

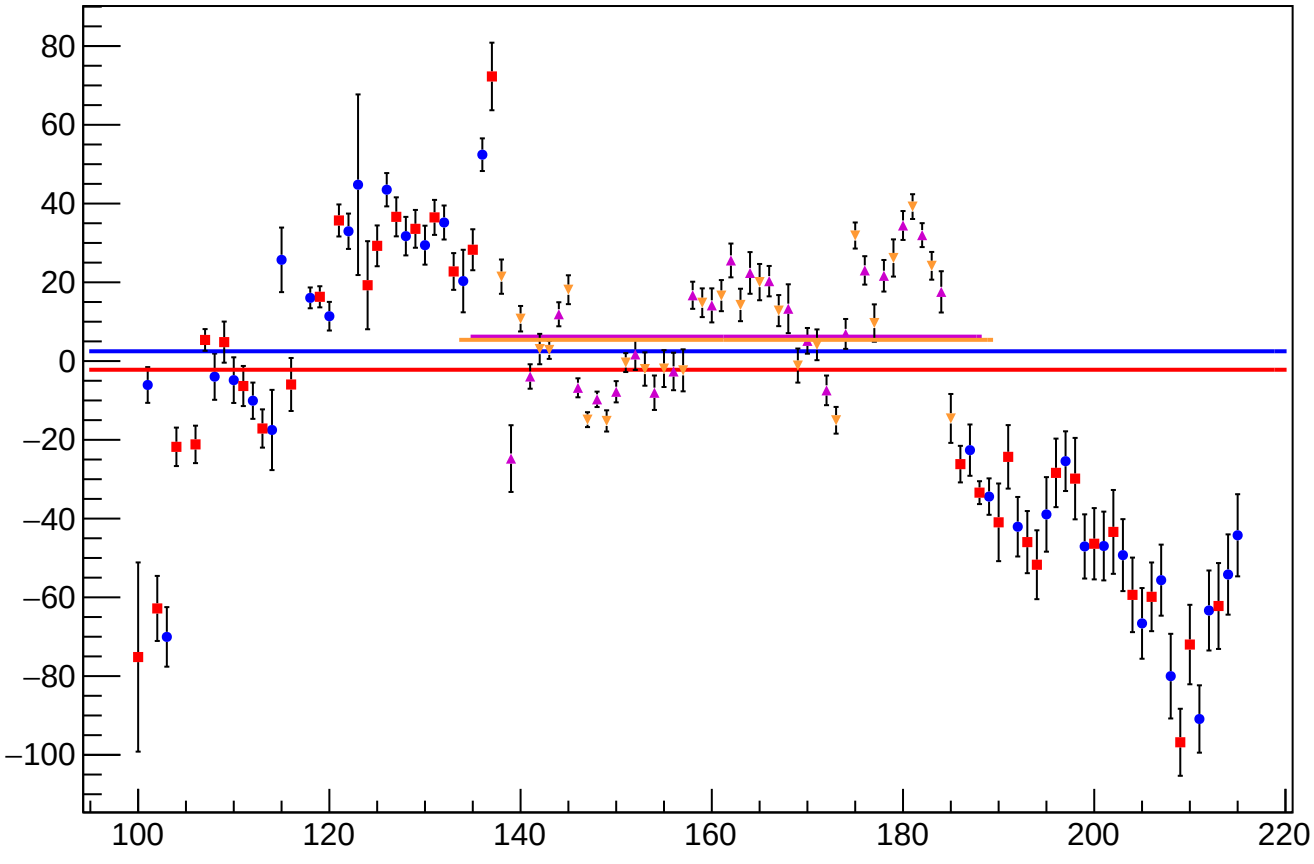
Right Out: 238.867+/-1.313 χ^2/NDF: 2907.2/14

Left In: 190.048+/-0.953 χ^2/NDF:2438.4/22

+ sign 194.107+/-0.773 χ^2/NDF: 4973.9/39

All: 200.510+/-0.546 χ^2/NDF: 11361.4/77

- sign 206.881+/-0.771 χ^2/NDF: 6250.7/37



Right In: 2.489+/-1.018 χ^2/NDF: 1185.2/31

Left Out: 5.394+/-0.688 χ^2/NDF:526.5/24

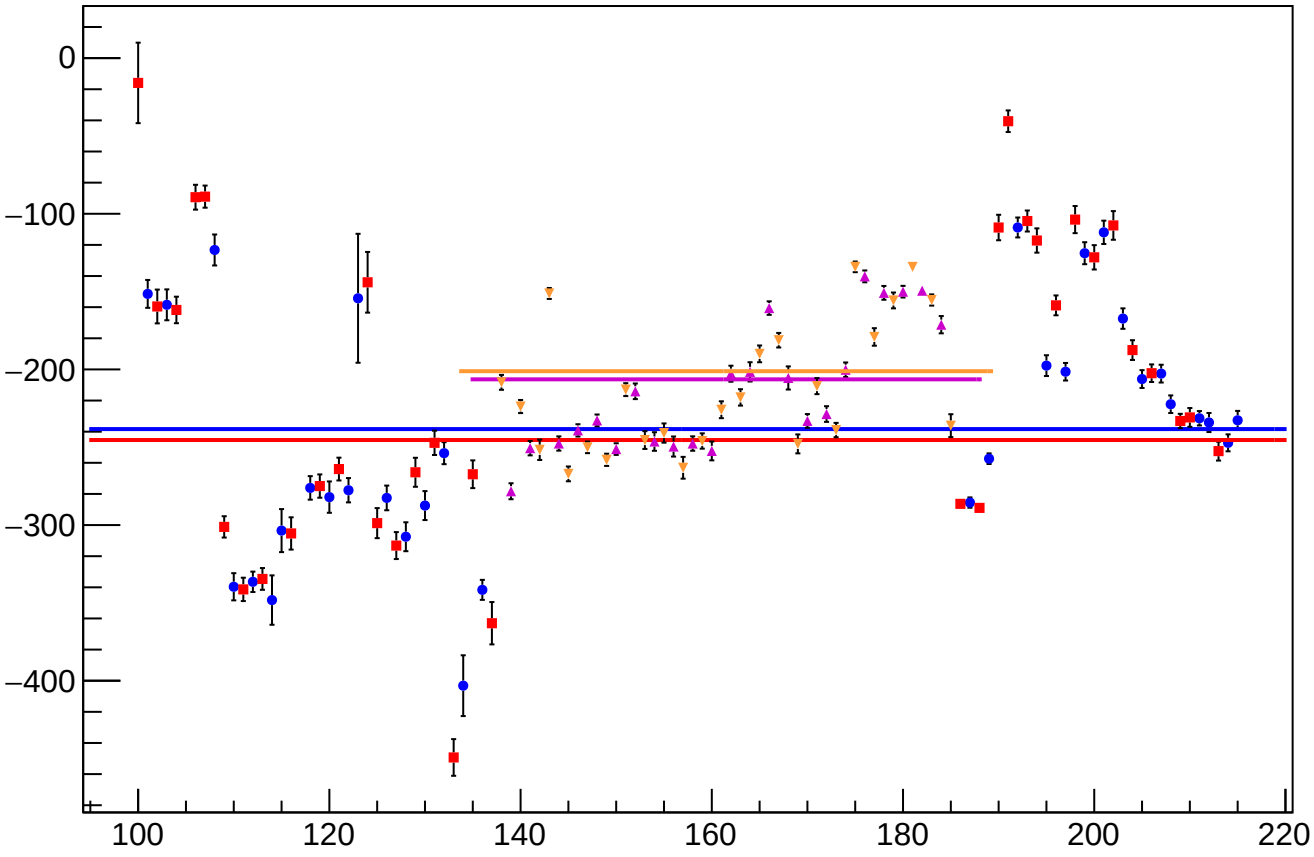
Right Out: -2.203+/-0.925 χ^2/NDF: 1185.7/33

Left In: 6.206+/-0.732 χ^2/NDF:407.5/22

+ sign 4.483+/-0.570 χ^2/NDF: 1717.3/56

All: 3.731+/-0.404 χ^2/NDF: 3364.8/113

- sign 2.969+/-0.574 χ^2/NDF: 1644.0/56



Right In: -238.328+/-1.154 χ^2/NDF: 2707.0/31

Left Out: -201.144+/-0.918 χ^2/NDF:2488.8/24

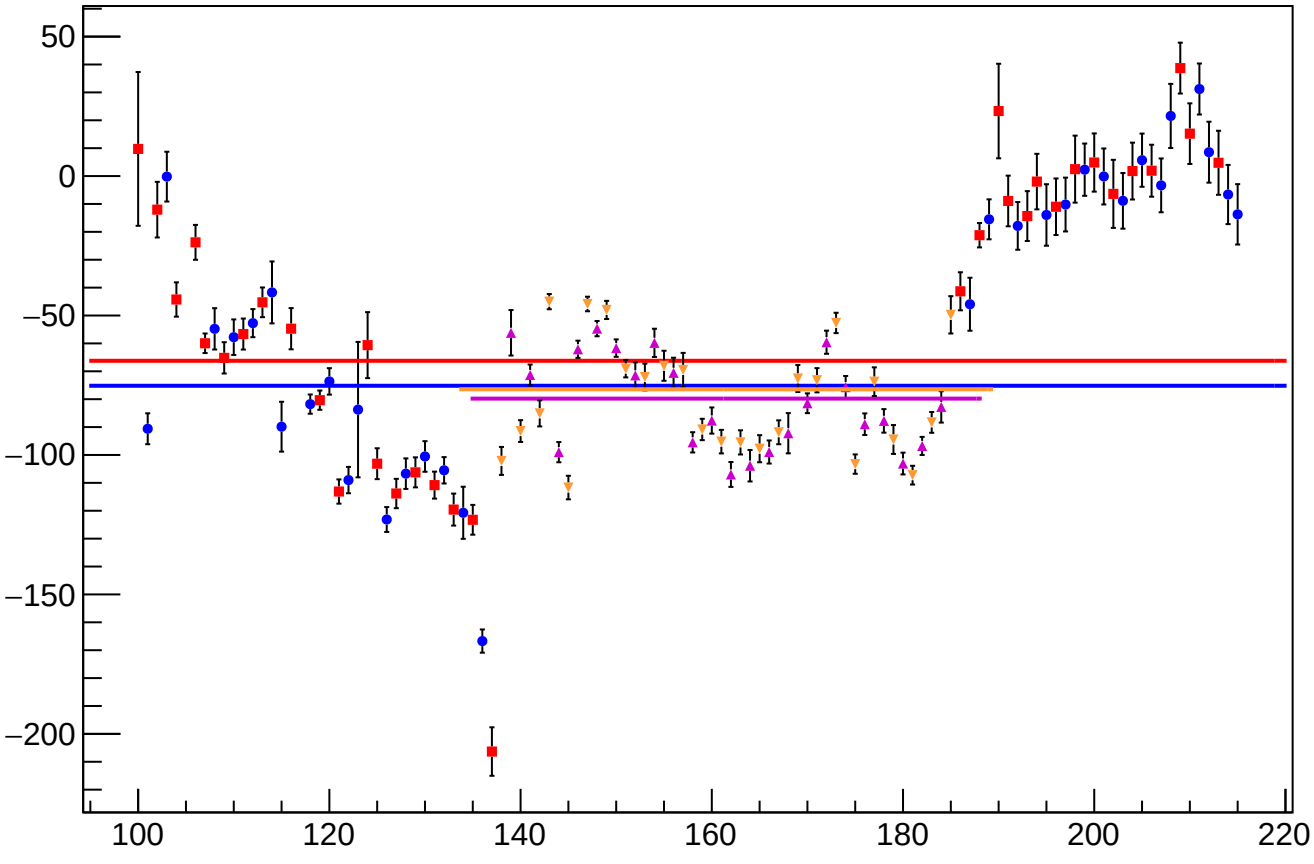
Right Out: -245.368+/-0.992 χ^2/NDF: 5836.7/33

Left In: -206.379+/-0.950 χ^2/NDF:2111.6/22

+ sign -215.554+/-0.718 χ^2/NDF: 5831.9/56

All: -220.500+/-0.496 χ^2/NDF: 14676.6/113

- sign -225.013+/-0.686 χ^2/NDF: 8754.0/56



Right In: -75.184+/-1.182 χ^2/NDF: 1732.7/31

Left Out: -76.460+/-0.797 χ^2/NDF:781.3/24

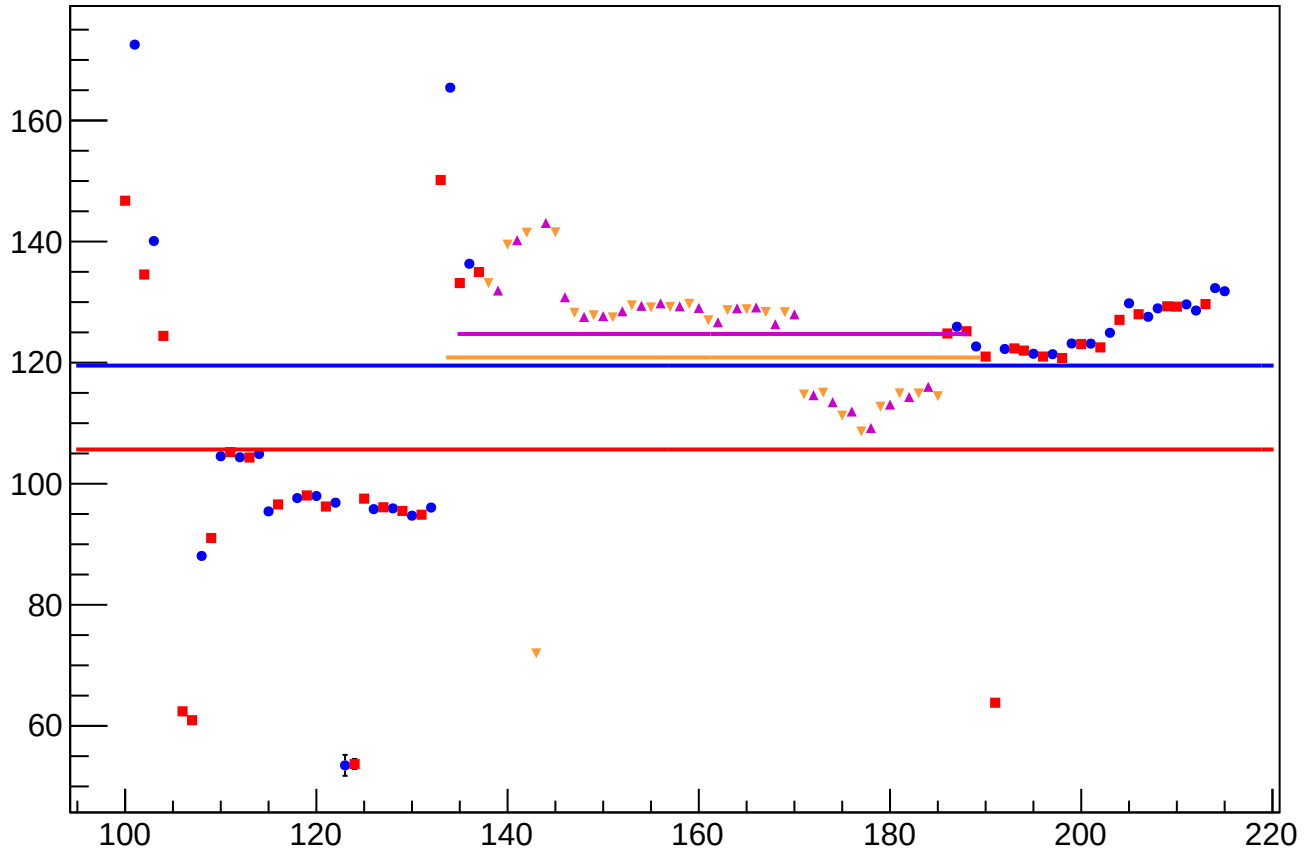
Right Out: -66.230+/-1.101 χ^2/NDF: 1700.4/33

Left In: -79.792+/-0.840 χ^2/NDF:412.3/22

+ sign -76.061+/-0.661 χ^2/NDF: 2514.8/56

All: -75.439+/-0.470 χ^2/NDF: 4725.3/113

- sign -74.804+/-0.668 χ^2/NDF: 2208.6/56



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: 105.660+/-0.054 χ^2/NDF: 250047.7/33

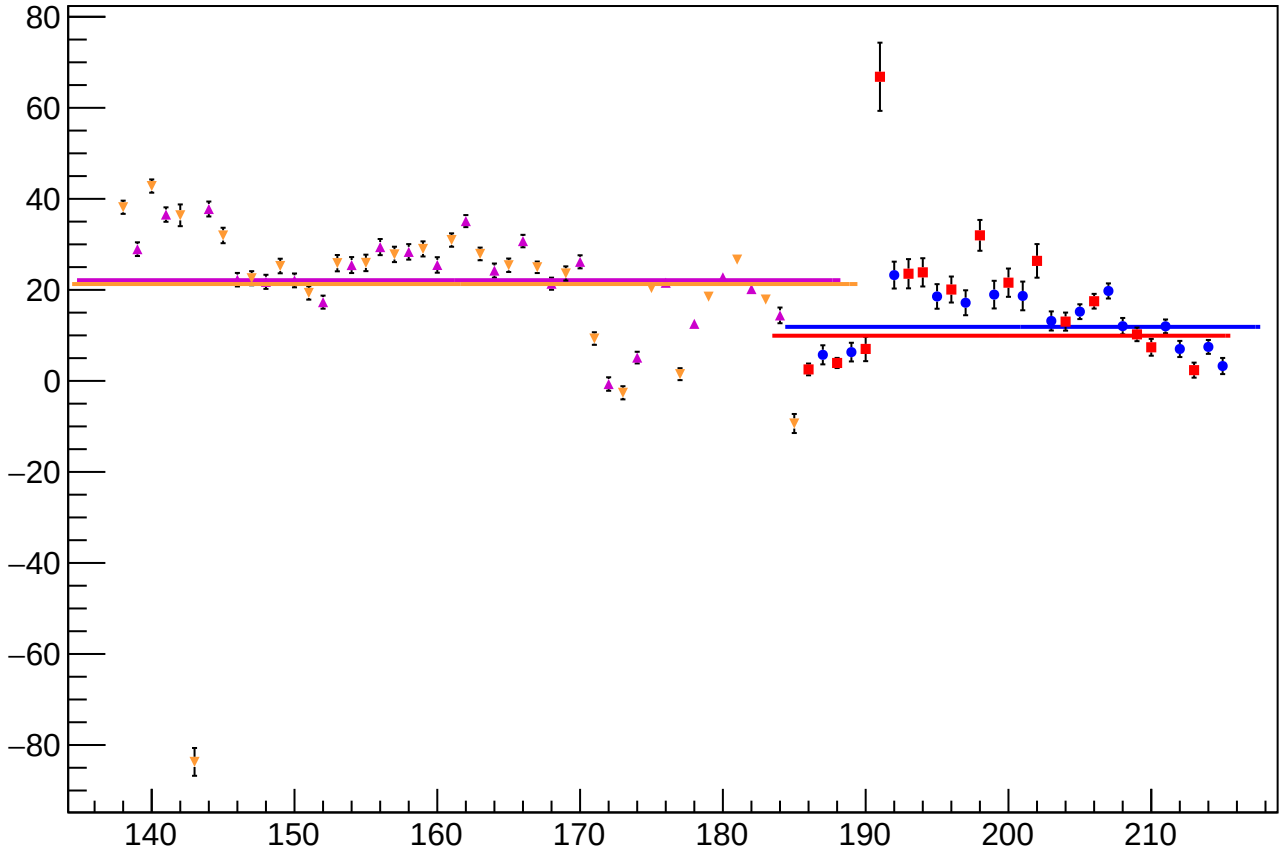
Left In: 124.738+/-0.039 χ^2/NDF:51298.3/22

+ sign 120.478+/-0.032 χ^2/NDF: 294991.3/56

All: 119.297+/-0.023 χ^2/NDF: 680546.1/113

- sign 118.152+/-0.032 χ^2/NDF: 382913.5/56

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

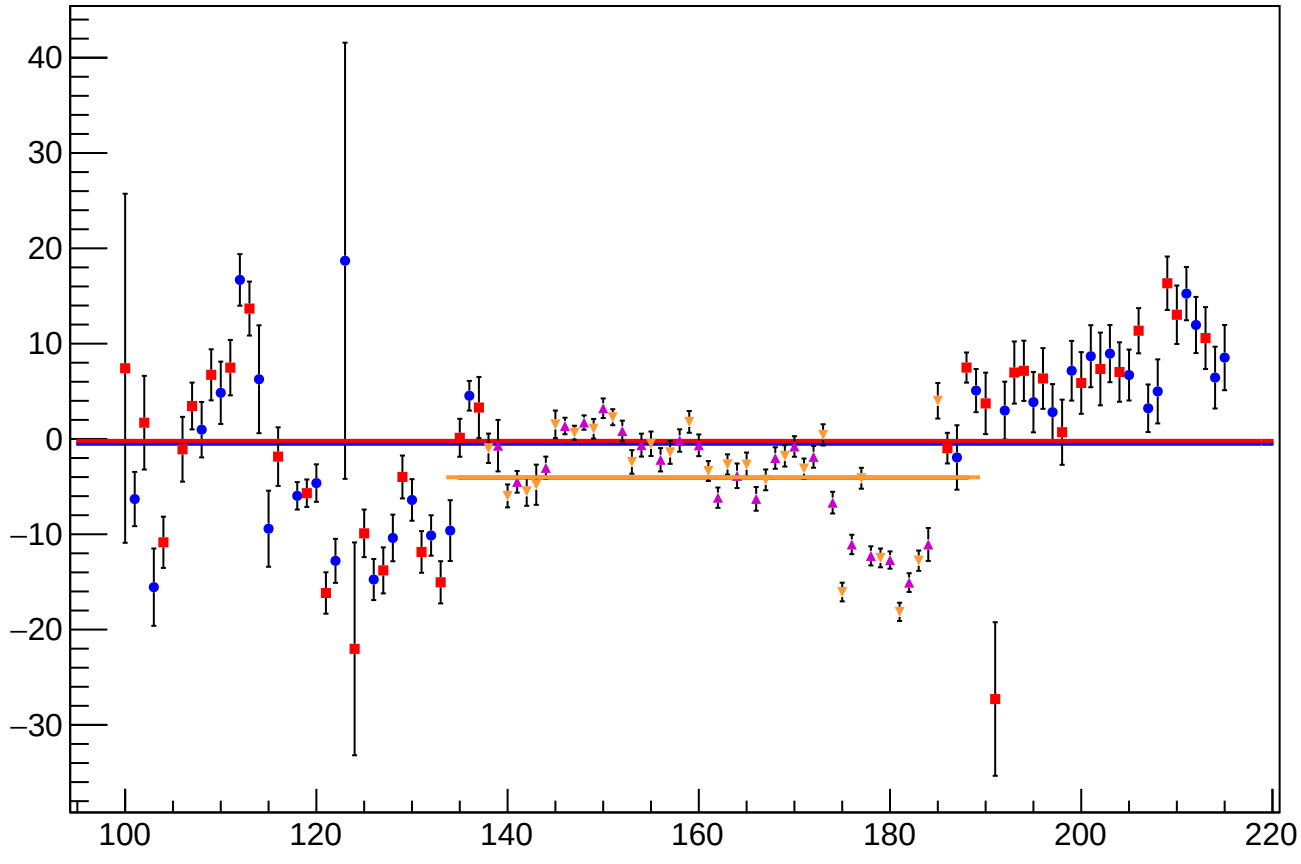
Right Out: 9.929+/-0.507 χ^2/NDF: 294.7/14

Left In: 22.127+/-0.285 χ^2/NDF:900.2/22

+ sign 19.076+/-0.247 χ^2/NDF: 2977.7/39

All: 19.133+/-0.175 χ^2/NDF: 4612.2/77

- sign 19.191+/-0.249 χ^2/NDF: 1634.3/37



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: -0.199+/-0.449 χ^2/NDF: 405.1/33

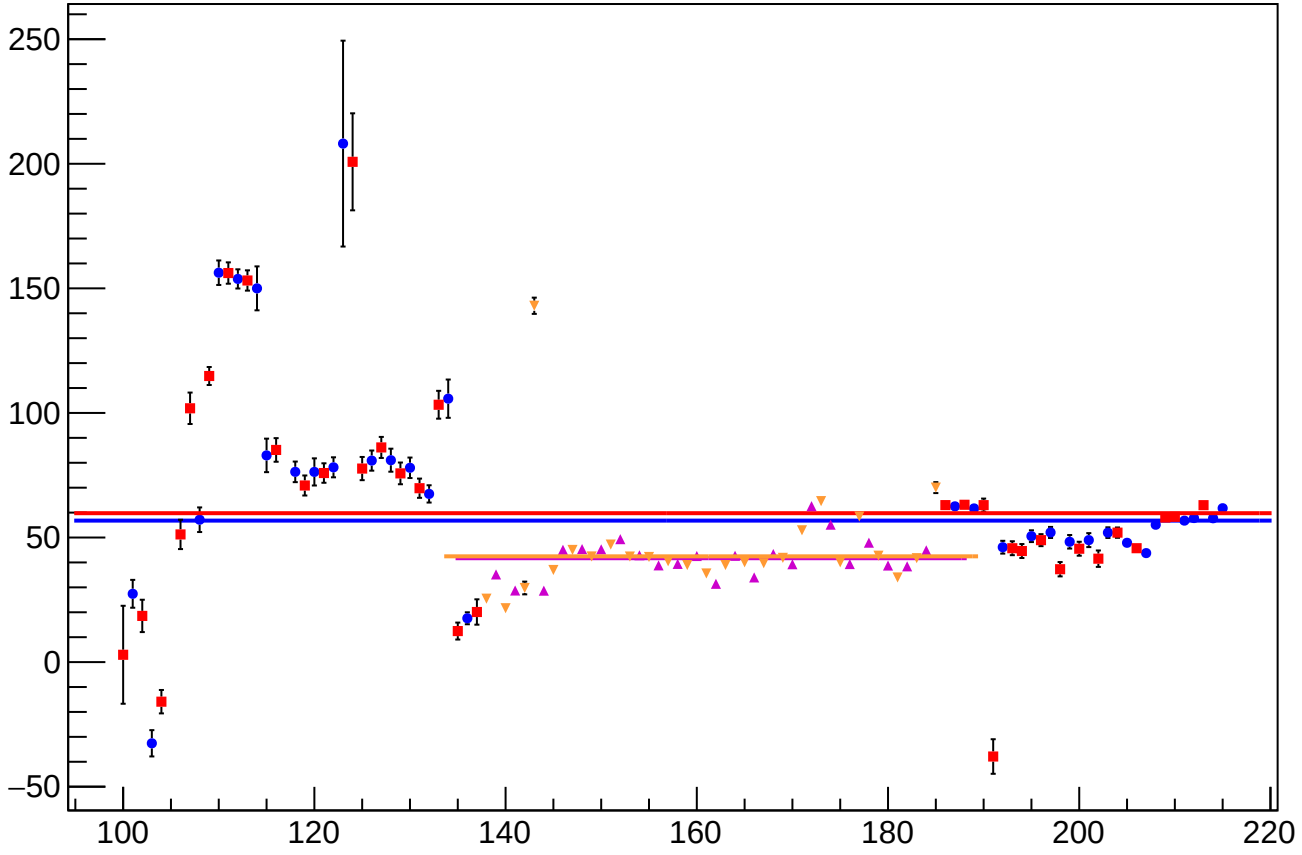
Left In: -4.059+/-0.228 χ^2/NDF:577.2/22

+ sign -3.365+/-0.201 χ^2/NDF: 1110.5/56

All: -3.316+/-0.143 χ^2/NDF: 2151.8/113

- sign -3.266+/-0.203 χ^2/NDF: 1041.2/56

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



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: 59.767+/-0.420 χ^2/NDF: 2632.8/33

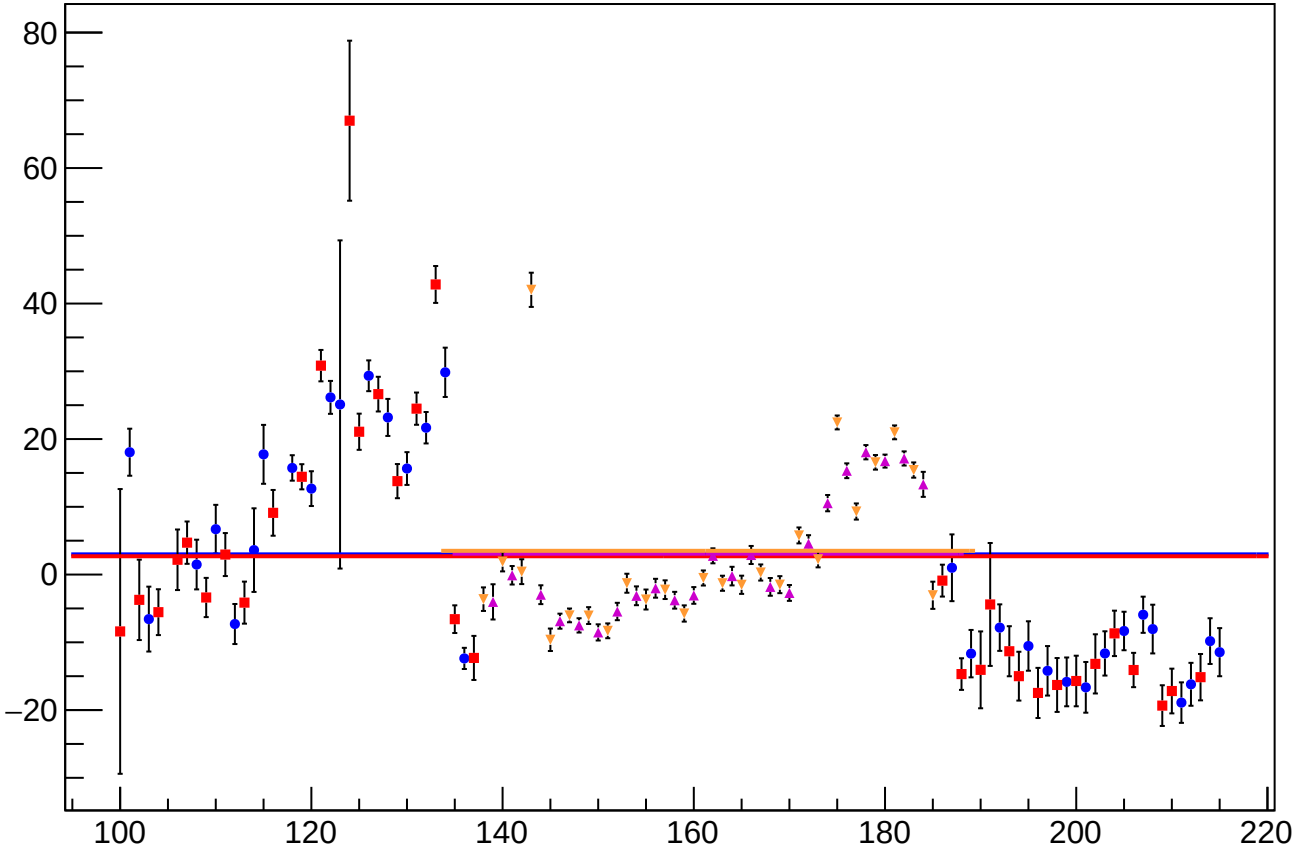
Left In: 41.695+/-0.284 χ^2/NDF:630.2/22

+ sign 46.484+/-0.239 χ^2/NDF: 4885.4/56

All: 46.930+/-0.168 χ^2/NDF: 9424.1/113

- sign 47.362+/-0.235 χ^2/NDF: 4531.8/56

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

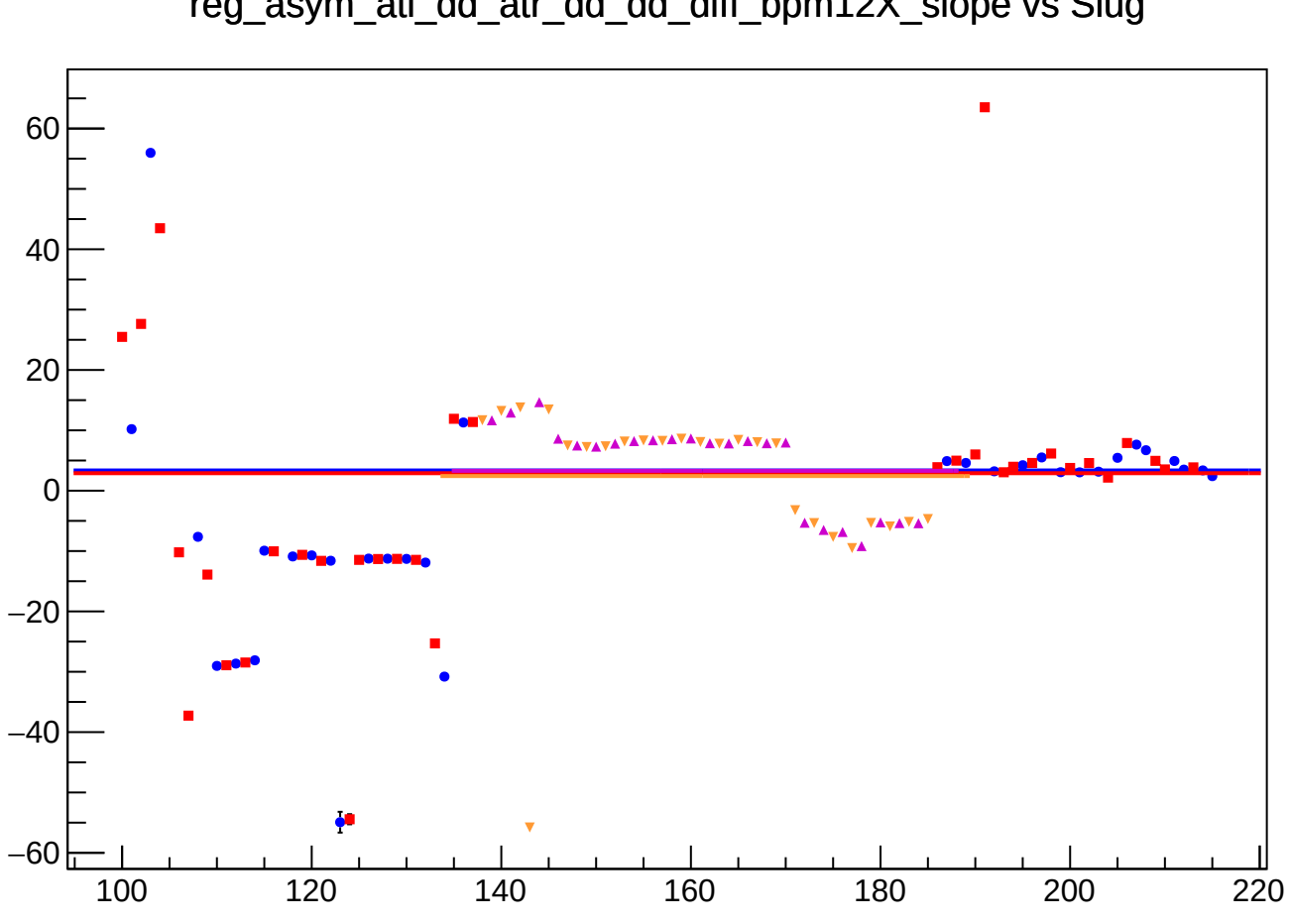
Right Out: 2.701+/-0.526 χ^2/NDF: 1103.2/33

Left In: 3.081+/-0.257 χ^2/NDF:1265.7/22

+ sign 3.408+/-0.228 χ^2/NDF: 2620.4/56

All: 3.211+/-0.162 χ^2/NDF: 4991.3/113

- sign 3.008+/-0.231 χ^2/NDF: 2369.3/56



Right In: 3.350+/-0.025 χ^2/NDF: 362423.6/31

Left Out: 2.425+/-0.012 χ^2/NDF:616382.5/24

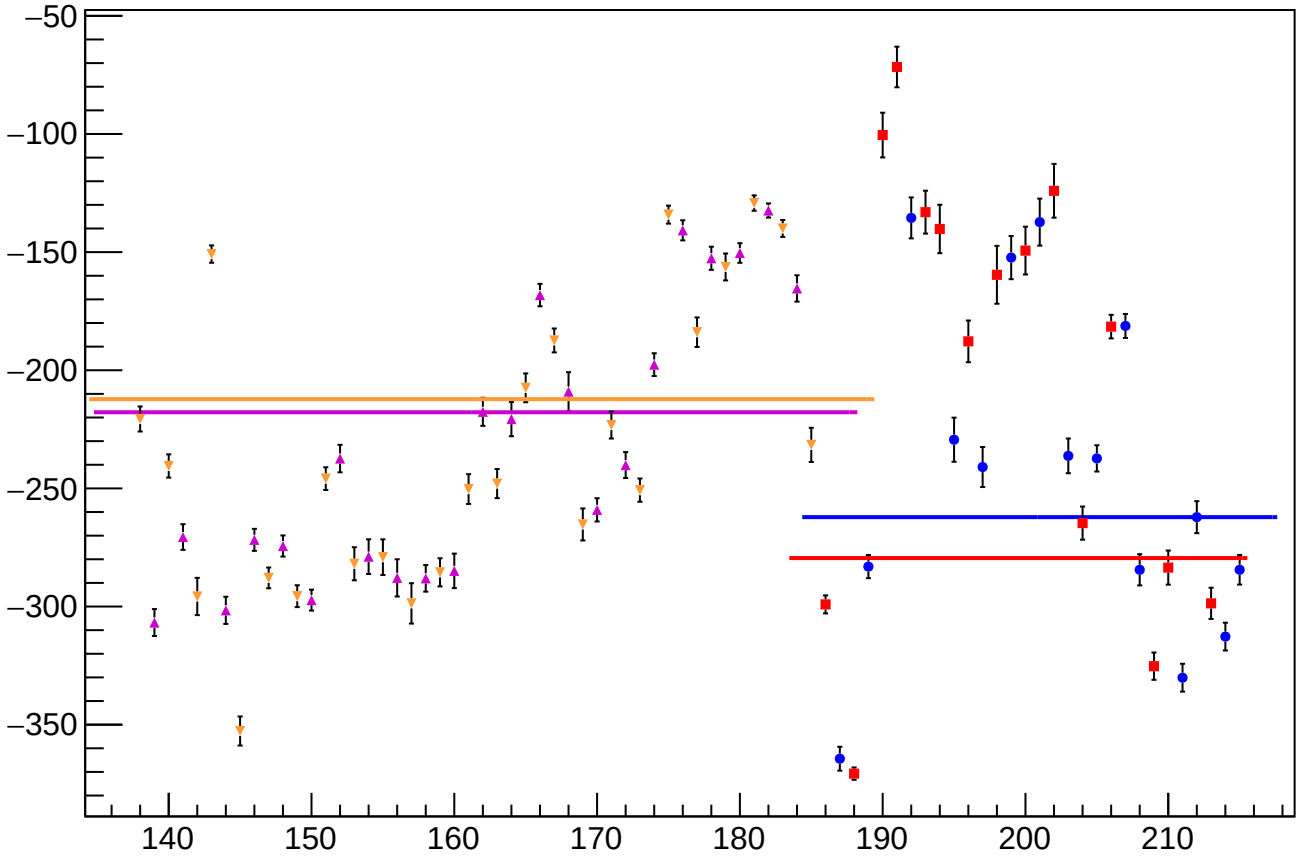
Right Out: 2.899+/-0.025 χ^2/NDF: 434531.1/33

Left In: 3.293+/-0.012 χ^2/NDF:404323.8/22

\+ sign 2.590+/-0.010 χ^2/NDF: 979947.1/56

All: 2.904+/-0.007 χ^2/NDF: 1820809.9/113

\- sign 3.221+/-0.011 χ^2/NDF: 839062.1/56



Right In: -262.166+/-1.669 χ^2/NDF: 1478.5/14

Left Out: -212.231+/-1.029 χ^2/NDF:3875.4/24

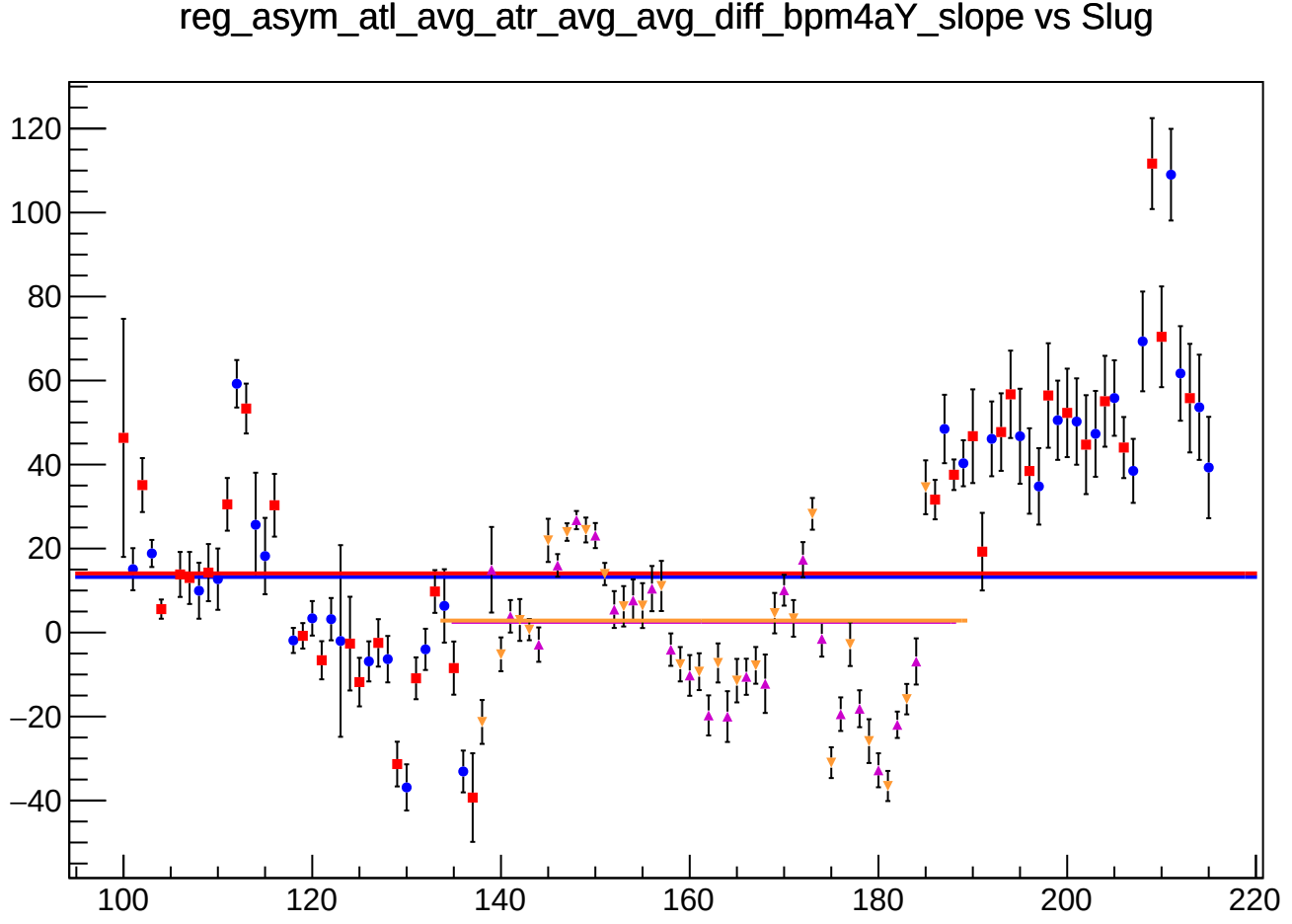
Right Out: -279.490+/-1.522 χ^2/NDF: 3652.1/14

Left In: -217.779+/-1.067 χ^2/NDF:3448.9/22

+ sign -225.998+/-0.876 χ^2/NDF: 6002.6/39

All: -232.068+/-0.619 χ^2/NDF: 14301.4/77

- sign -238.103+/-0.874 χ^2/NDF: 8203.1/37



Right In: 13.238+/-1.103 χ^2/NDF: 596.9/31

Left Out: 2.848+/-0.775 χ^2/NDF:582.1/24

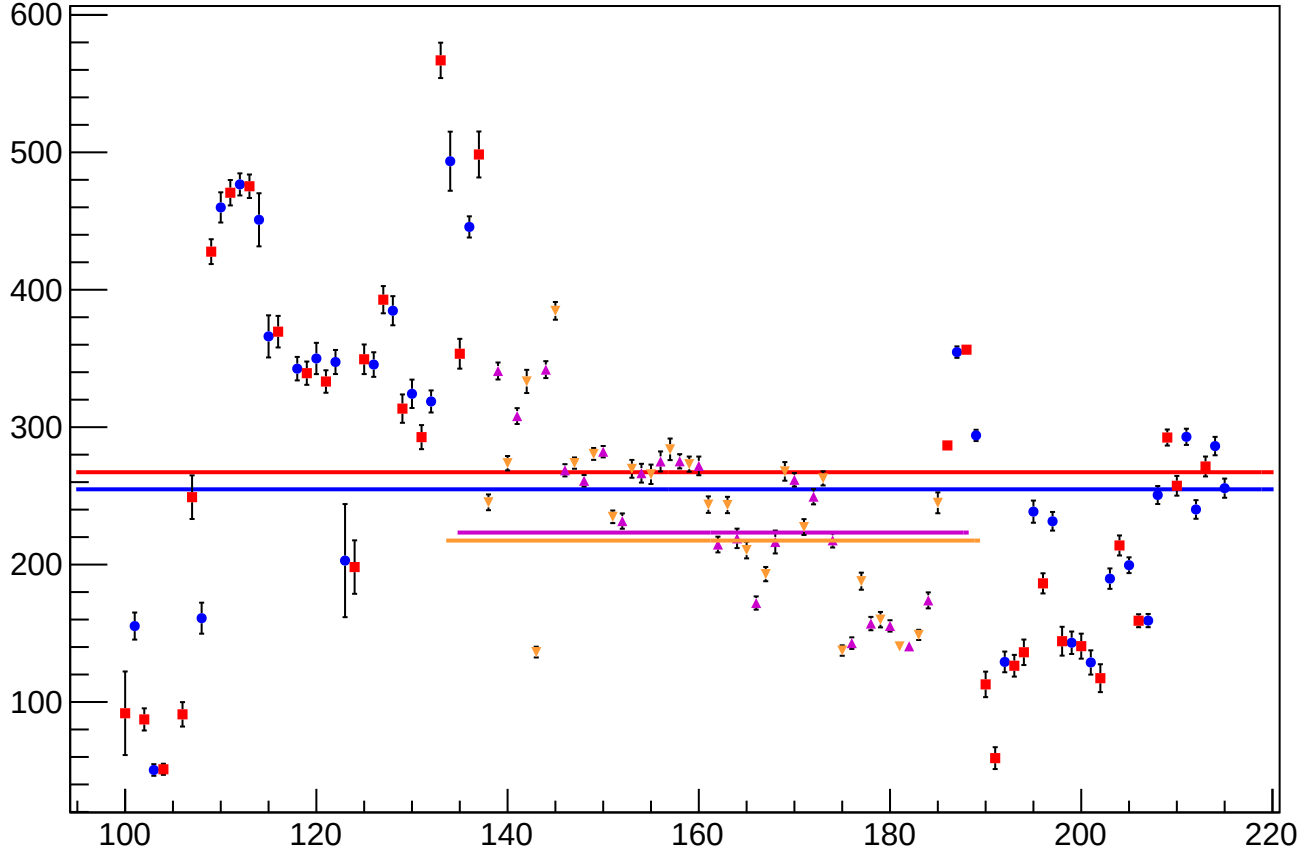
Right Out: 14.081+/-1.006 χ^2/NDF: 570.8/33

Left In: 2.540+/-0.822 χ^2/NDF:473.6/22

+ sign 6.279+/-0.634 χ^2/NDF: 1238.5/56

All: 6.720+/-0.449 χ^2/NDF: 2362.7/113

- sign 7.164+/-0.637 χ^2/NDF: 1123.3/56



Right In: 254.774+/-1.277 χ^2/NDF: 7140.8/31

Left Out: 217.484+/-1.032 χ^2/NDF:3769.5/24

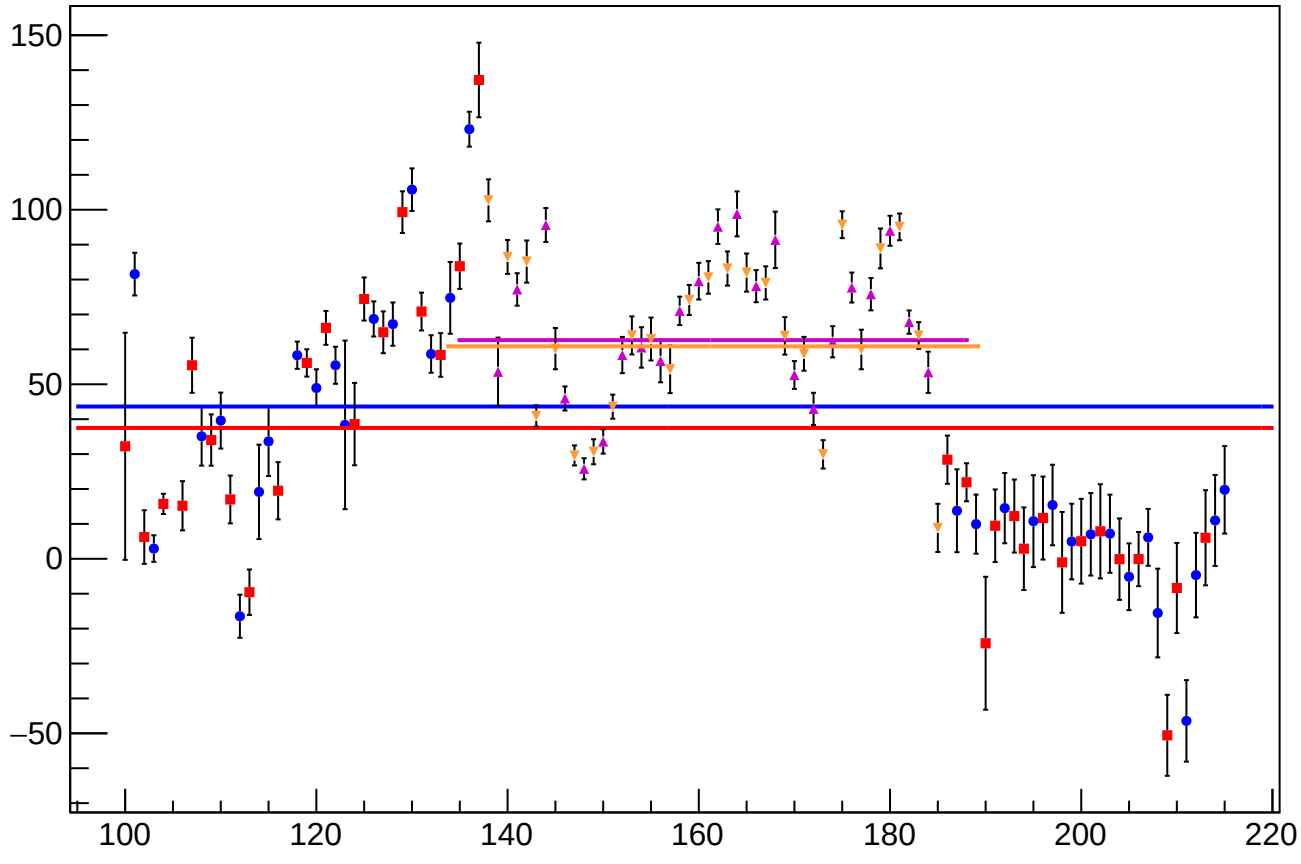
Right Out: 267.219+/-1.117 χ^2/NDF: 11052.1/33

Left In: 223.309+/-1.062 χ^2/NDF:3378.0/22

\+ sign 232.216+/-0.803 χ^2/NDF: 11425.8/56

All: 238.435+/-0.556 χ^2/NDF: 26782.6/113

\- sign 244.150+/-0.770 χ^2/NDF: 15241.7/56



Right In: 43.624+/-1.282 χ^2/NDF: 916.1/31

Left Out: 60.863+/-0.897 χ^2/NDF:731.6/24

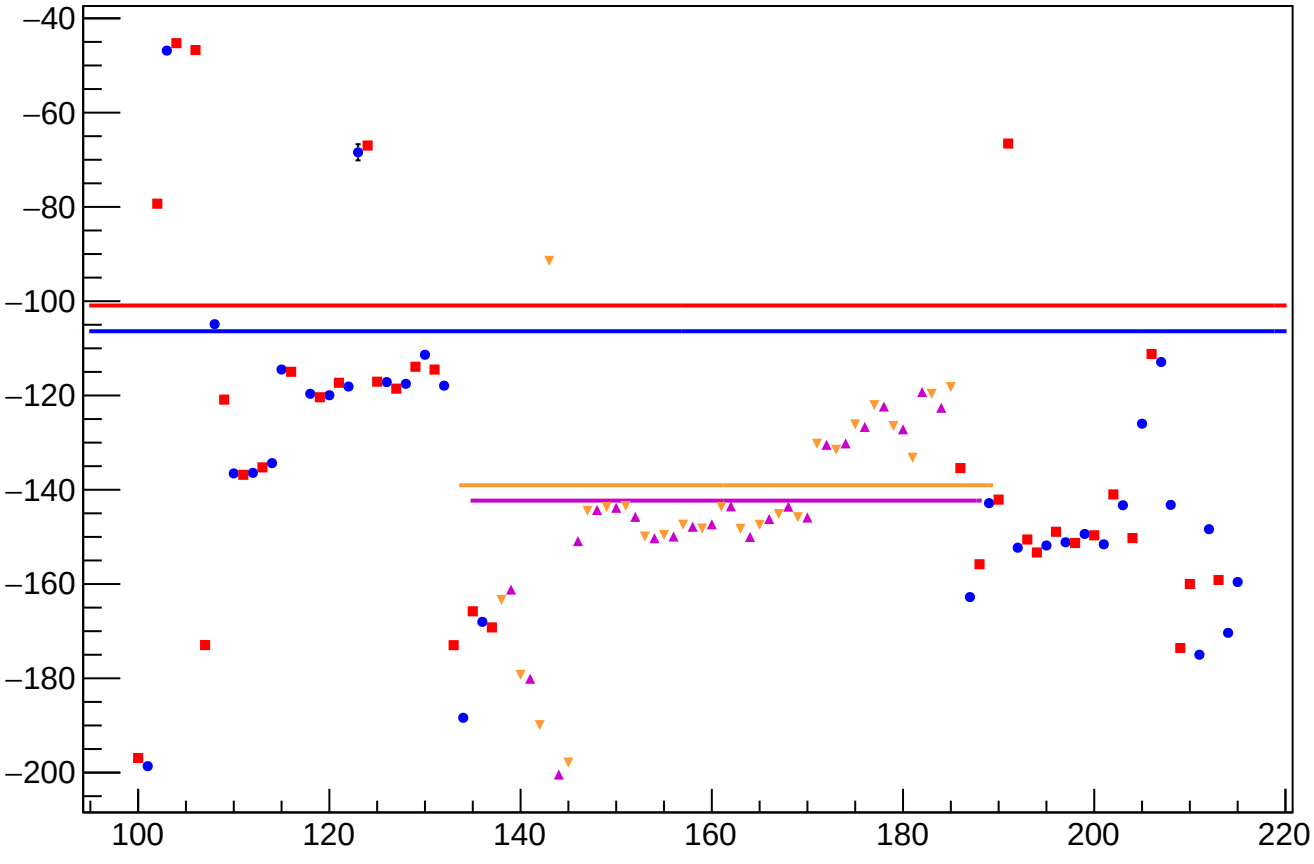
Right Out: 37.490+/-1.203 χ^2/NDF: 738.7/33

Left In: 62.640+/-0.943 χ^2/NDF:515.4/22

+ sign 55.202+/-0.735 χ^2/NDF: 1769.2/56

All: 54.145+/-0.522 χ^2/NDF: 3298.3/113

- sign 53.069+/-0.742 χ^2/NDF: 1525.0/56



Right In: -106.374+/-0.057 χ^2/NDF: 737025.4/31

Left Out: -139.040+/-0.043 χ^2/NDF:258113.4/24

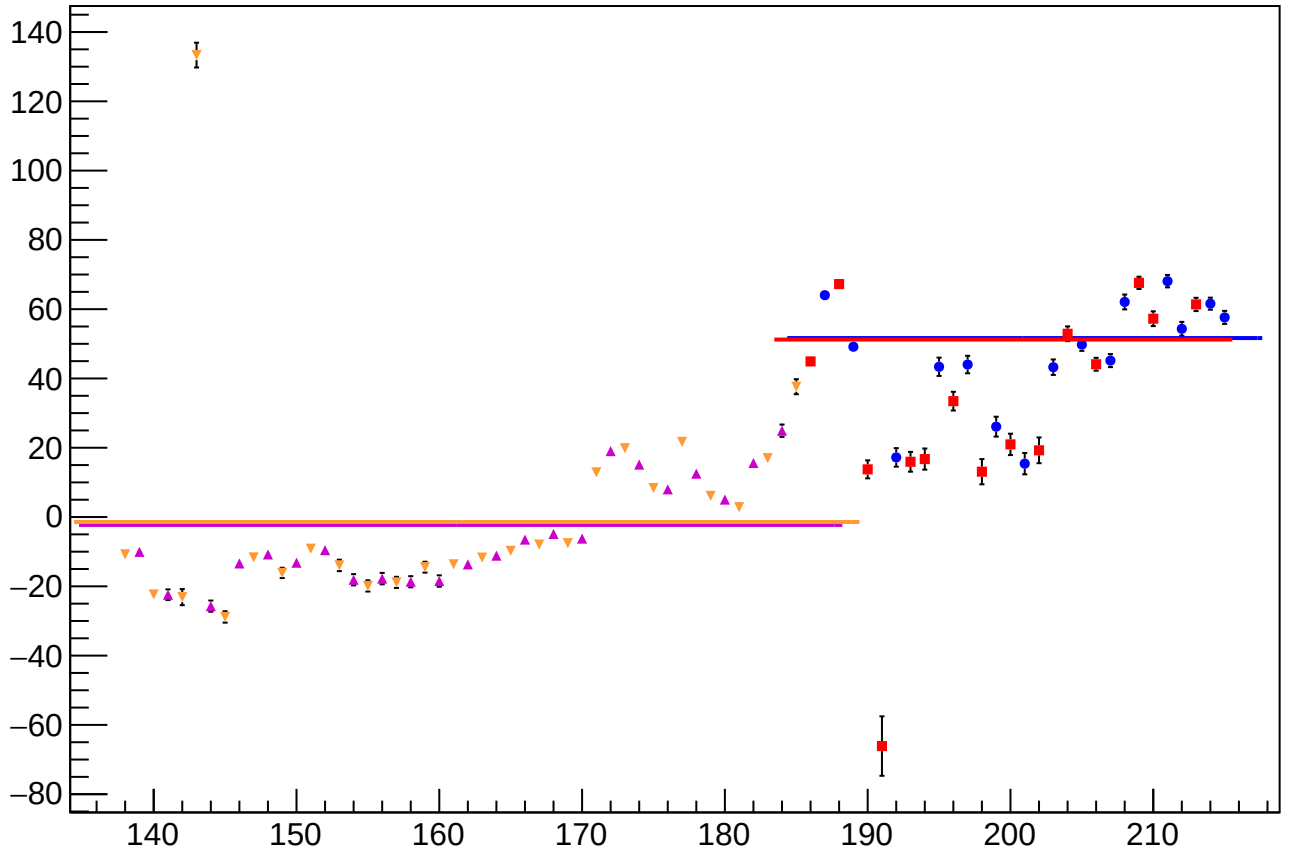
Right Out: -100.915+/-0.054 χ^2/NDF: 764581.0/33

Left In: -142.305+/-0.044 χ^2/NDF:143351.8/22

+ sign -127.317+/-0.034 χ^2/NDF: 1203508.6/56

All: -126.618+/-0.024 χ^2/NDF: 2461290.8/11

- sign -125.922+/-0.034 χ^2/NDF: 1256954.7/56



Right In: 51.663+/-0.511 χ^2/NDF: 663.4/14

Left Out: -1.427+/-0.268 χ^2/NDF:4339.0/24

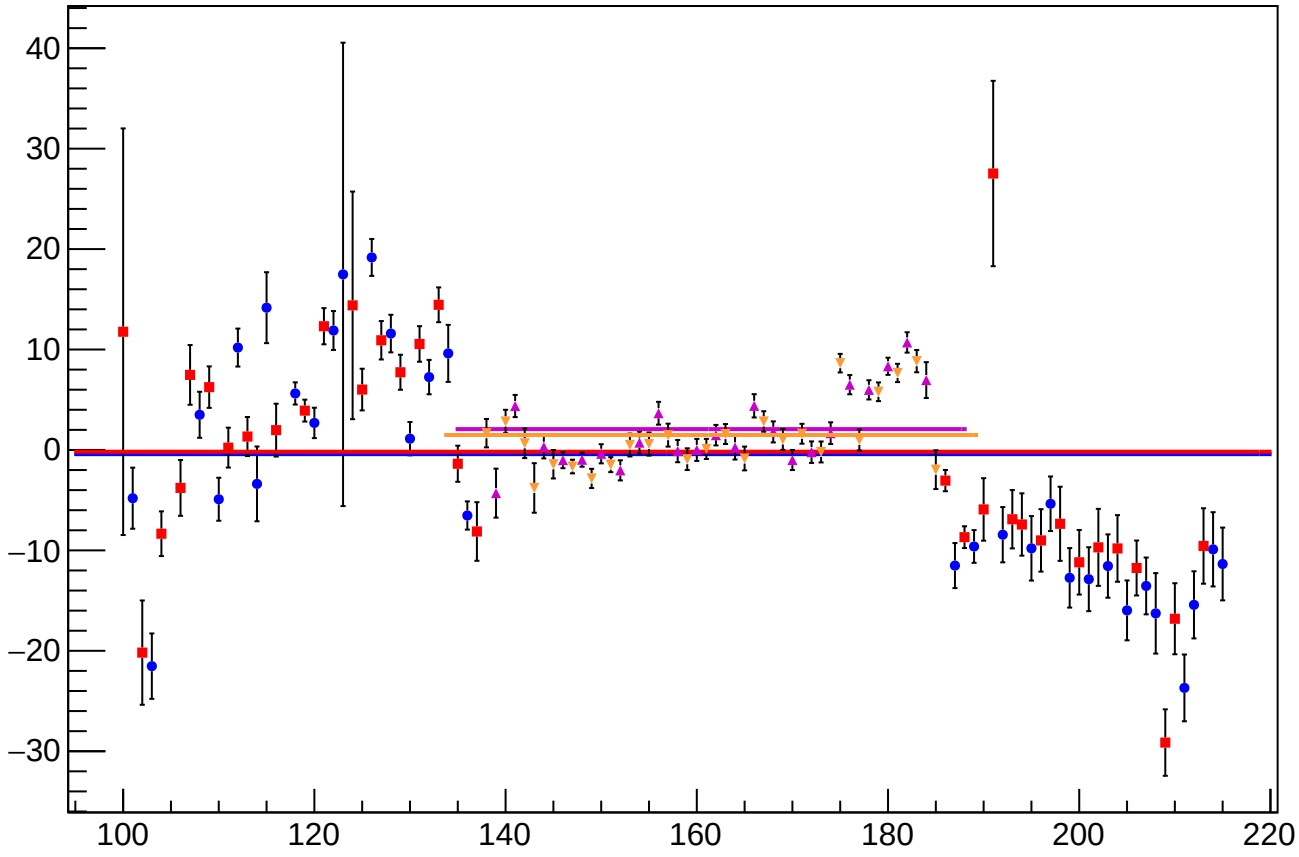
Right Out: 51.229+/-0.443 χ^2/NDF: 1615.1/14

Left In: -2.270+/-0.271 χ^2/NDF:2521.6/22

+ sign 10.001+/-0.237 χ^2/NDF: 13472.5/39

All: 11.180+/-0.165 χ^2/NDF: 28291.2/77

- sign 12.299+/-0.231 χ^2/NDF: 14770.5/37



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: -0.175+/-0.369 χ^2/NDF: 544.3/33

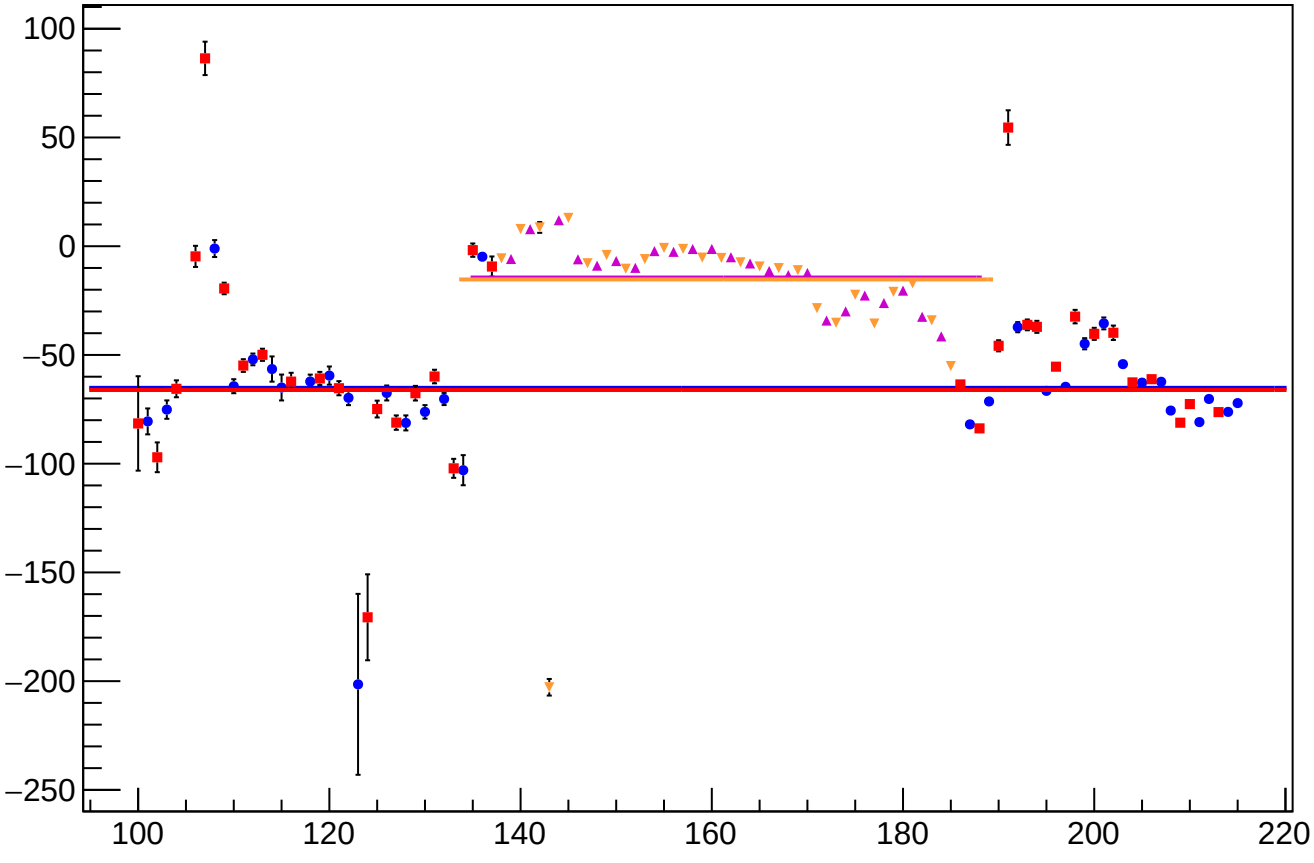
Left In: 2.075+/-0.215 χ^2/NDF:274.6/22

+ sign 1.071+/-0.186 χ^2/NDF: 931.3/56

All: 1.287+/-0.131 χ^2/NDF: 1780.6/113

- sign 1.503+/-0.186 χ^2/NDF: 846.5/56

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

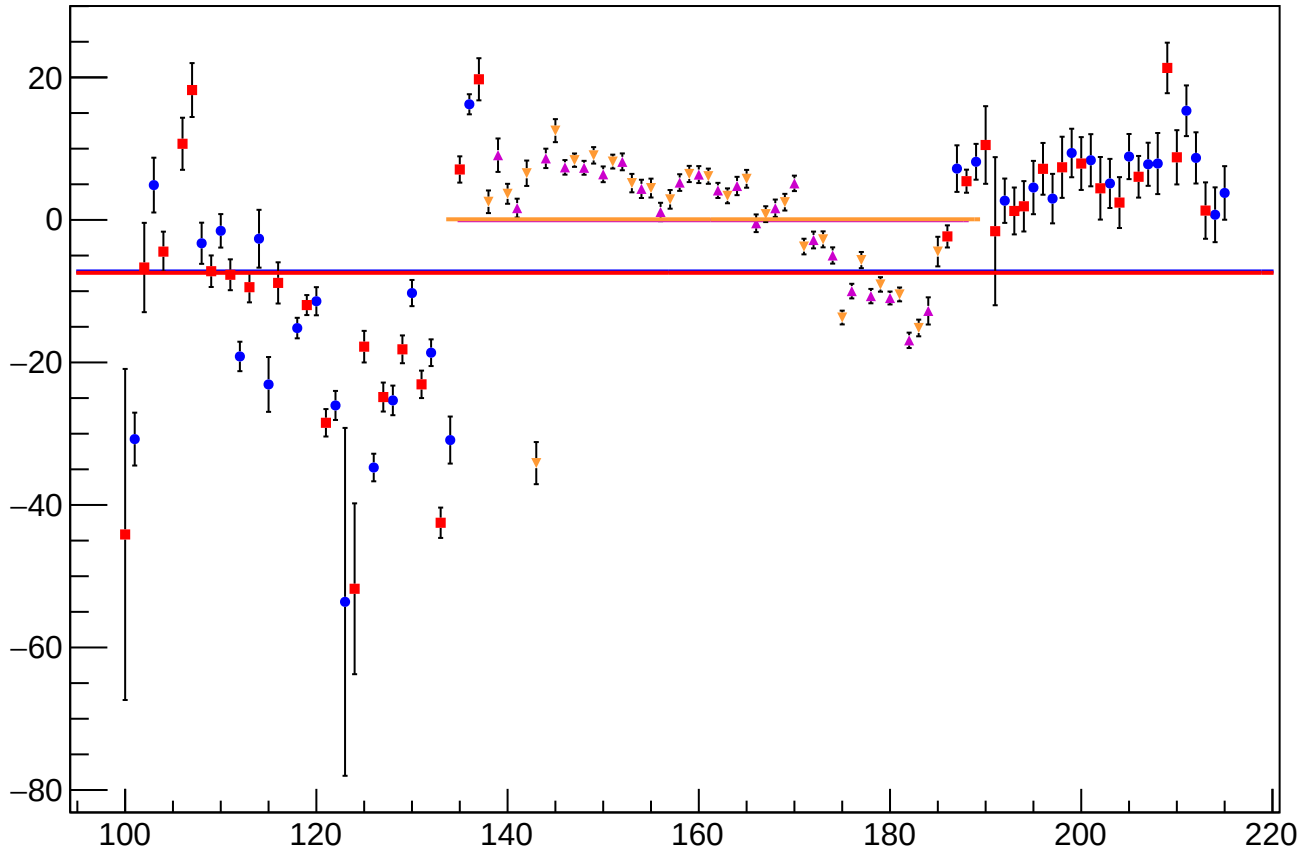
Right Out: -66.112+/-0.347 χ^2/NDF: 3420.5/33

Left In: -14.406+/-0.269 χ^2/NDF:2032.4/22

\+ sign -29.688+/-0.225 χ^2/NDF: 16820.6/56

All: -31.860+/-0.155 χ^2/NDF: 36299.1/113

\- sign -33.803+/-0.213 χ^2/NDF: 19301.9/56



Right In: -7.231+/-0.458 χ^2/NDF: 1155.6/31

Left Out: 0.087+/-0.238 χ^2/NDF:1172.3/24

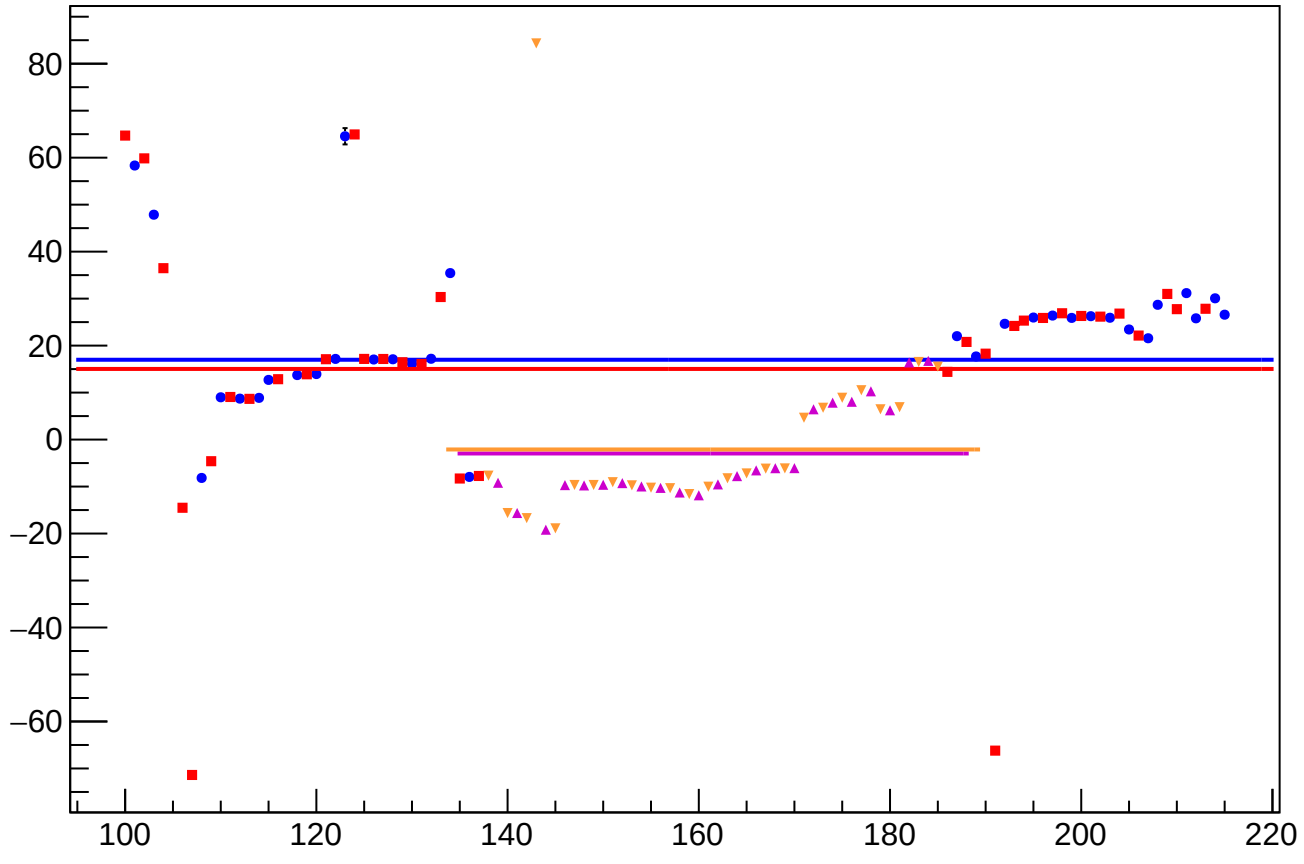
Right Out: -7.421+/-0.442 χ^2/NDF: 1097.3/33

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: 4869.4/113

- sign -1.757+/-0.213 χ^2/NDF: 2339.4/56



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: 15.034+/-0.022 χ^2/NDF: 767603.3/33

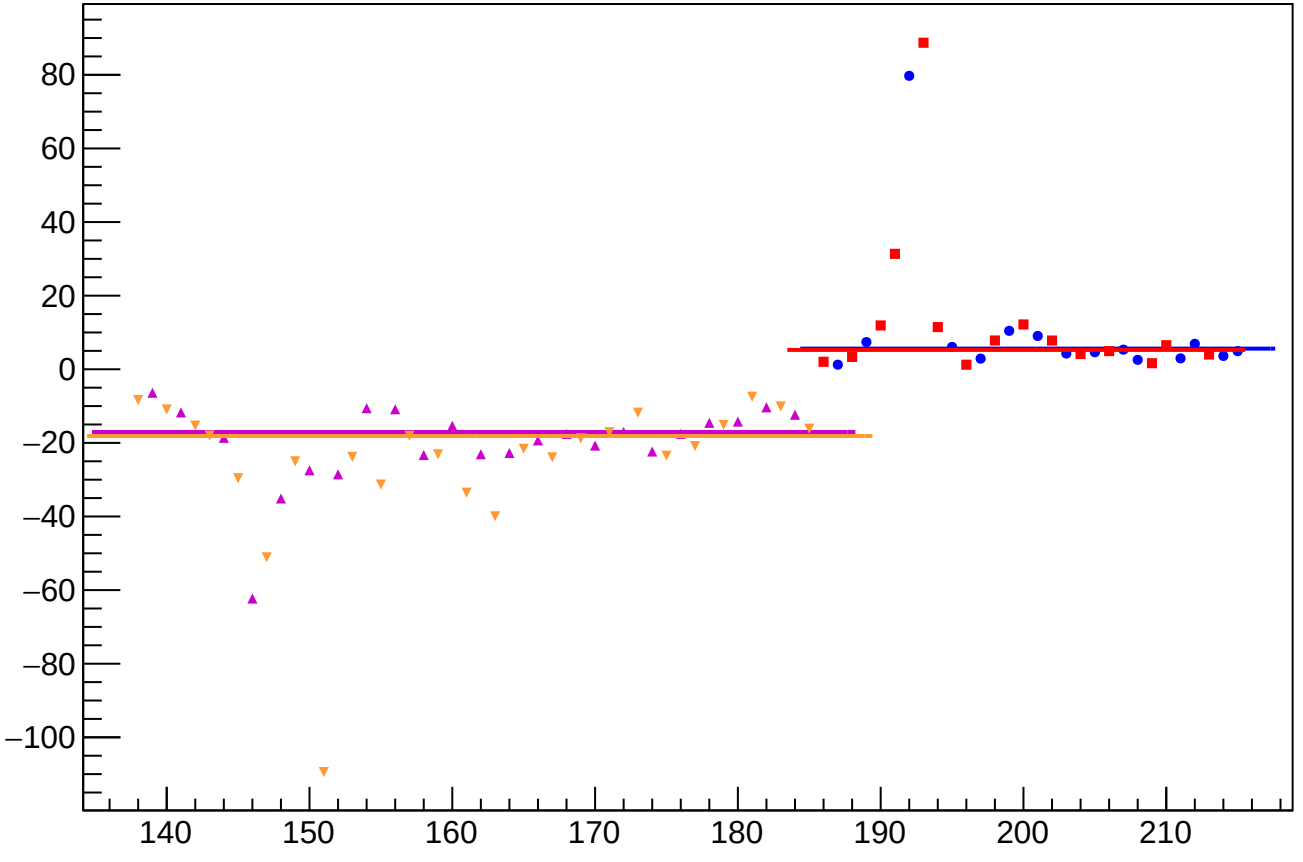
Left In: -2.959+/-0.011 χ^2/NDF:763000.9/22

+ sign 1.487+/-0.010 χ^2/NDF: 2160714.4/56

All: 1.009+/-0.007 χ^2/NDF: 4214325.1/113

- sign 0.527+/-0.010 χ^2/NDF: 2048869.4/56

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: 5.262+/-0.049 χ^2/NDF: 26884.2/14

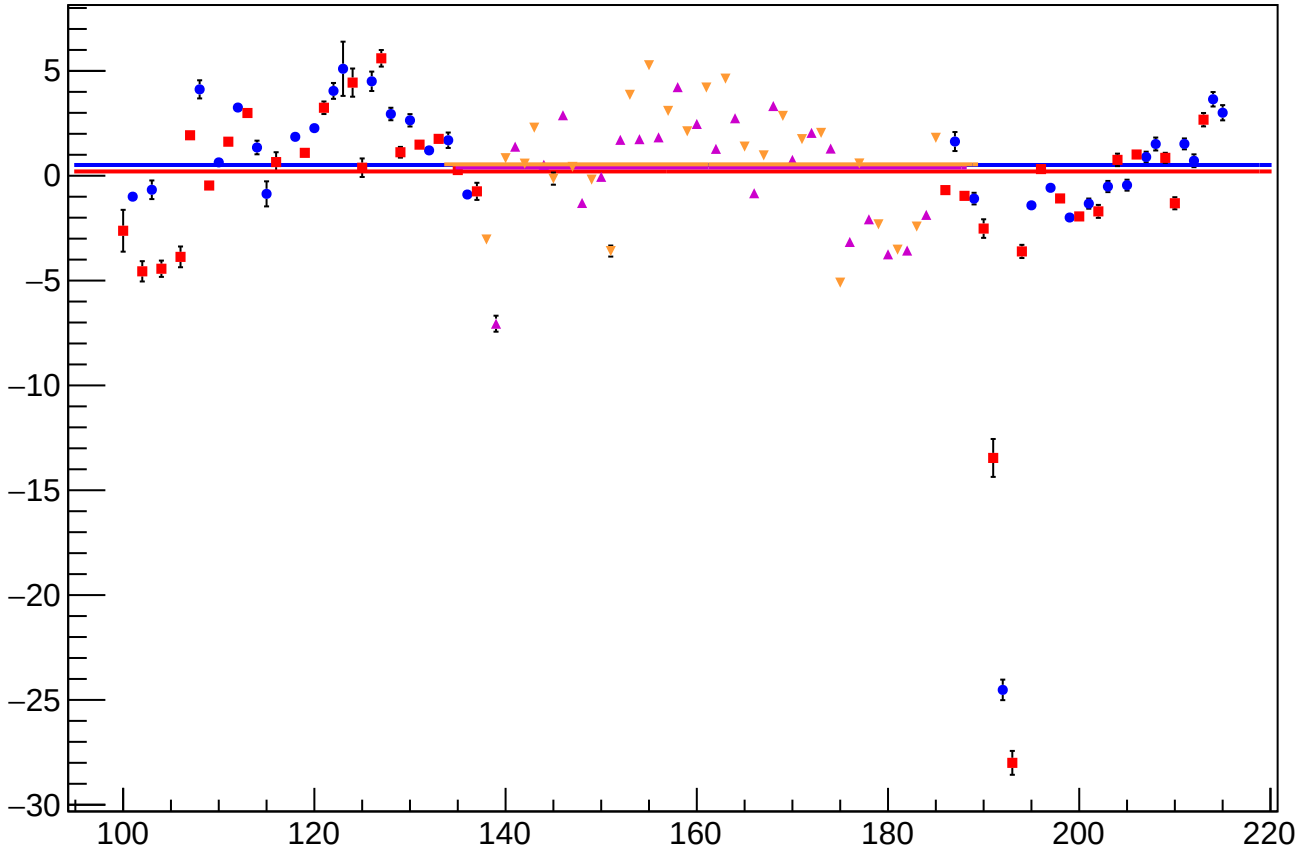
Left In: -17.038+/-0.038 χ^2/NDF:44141.1/22

+ sign -8.799+/-0.030 χ^2/NDF: 261274.0/39

All: -8.756+/-0.021 χ^2/NDF: 459827.5/77

- sign -8.714+/-0.030 χ^2/NDF: 198549.6/37

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



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: 0.205+/-0.044 χ^2/NDF: 4359.3/33

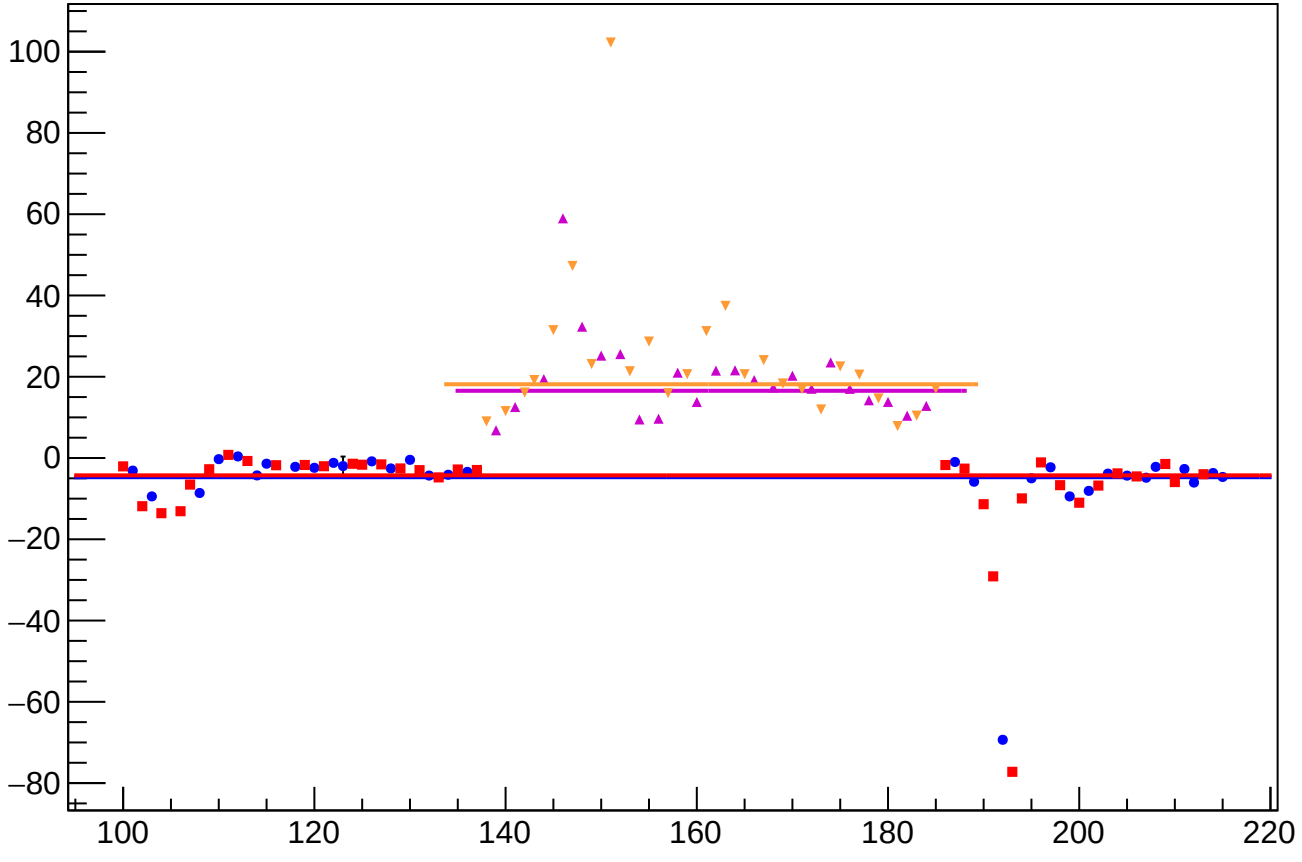
Left In: 0.397+/-0.031 χ^2/NDF:6235.6/22

+ sign 0.533+/-0.026 χ^2/NDF: 11079.9/56

All: 0.429+/-0.018 χ^2/NDF: 21717.0/113

- sign 0.335+/-0.025 χ^2/NDF: 10607.6/56

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: -4.262+/-0.041 χ^2/NDF: 28233.6/33

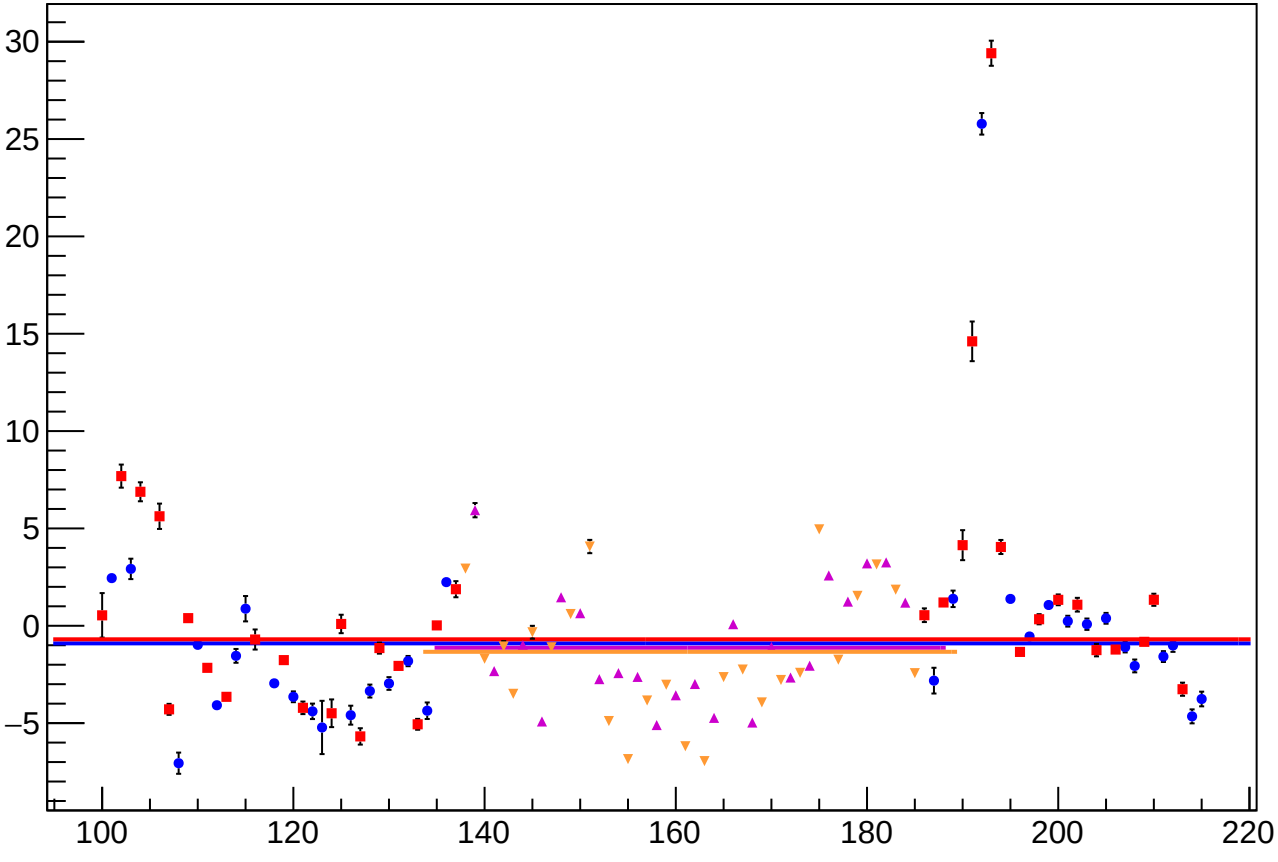
Left In: 16.543+/-0.038 χ^2/NDF:40855.0/22

+ sign 7.725+/-0.029 χ^2/NDF: 261110.8/56

All: 7.335+/-0.020 χ^2/NDF: 470204.0/113

- sign 6.973+/-0.028 χ^2/NDF: 208740.0/56

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: -0.695+/-0.051 χ^2/NDF: 4575.5/33

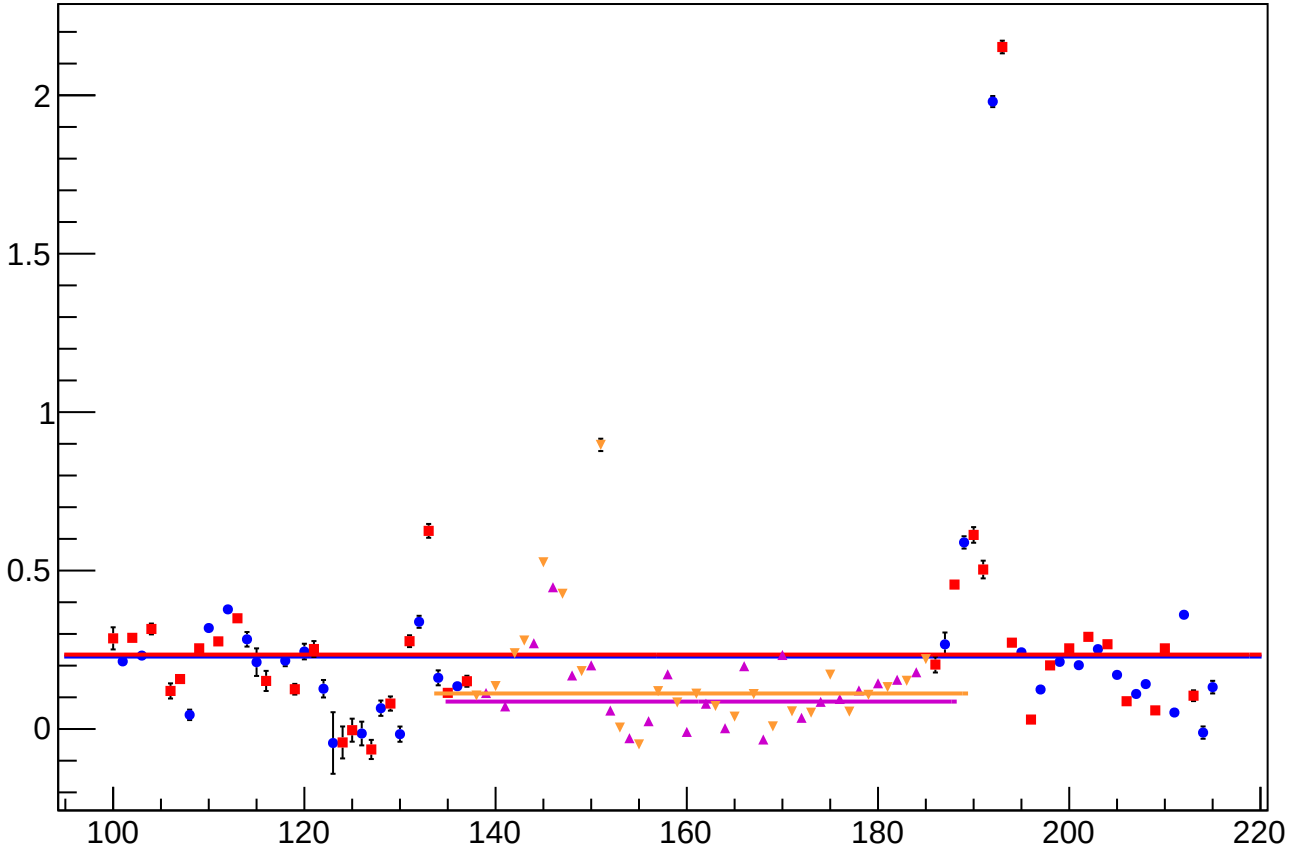
Left In: -1.129+/-0.034 χ^2/NDF:6740.3/22

+ sign -1.201+/-0.030 χ^2/NDF: 12104.1/56

All: -1.093+/-0.021 χ^2/NDF: 23494.8/113

- sign -0.995+/-0.028 χ^2/NDF: 11365.8/56

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: 0.235+/-0.002 χ^2/NDF: 12169.4/33

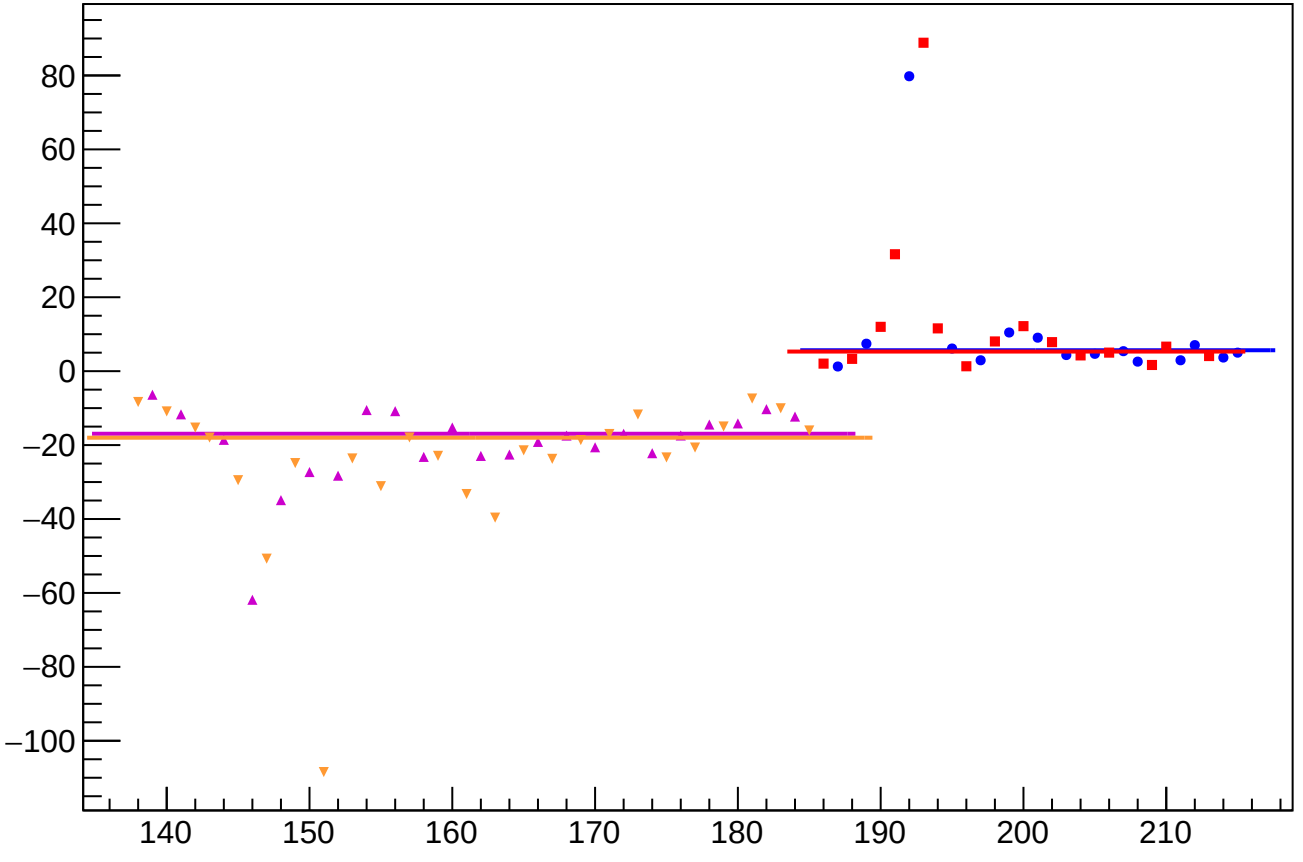
Left In: 0.087+/-0.002 χ^2/NDF:3655.4/22

+ sign 0.149+/-0.001 χ^2/NDF: 18060.5/56

All: 0.139+/-0.001 χ^2/NDF: 36879.0/113

- sign 0.130+/-0.001 χ^2/NDF: 18713.9/56

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: 5.304+/-0.049 χ^2/NDF: 27239.6/14

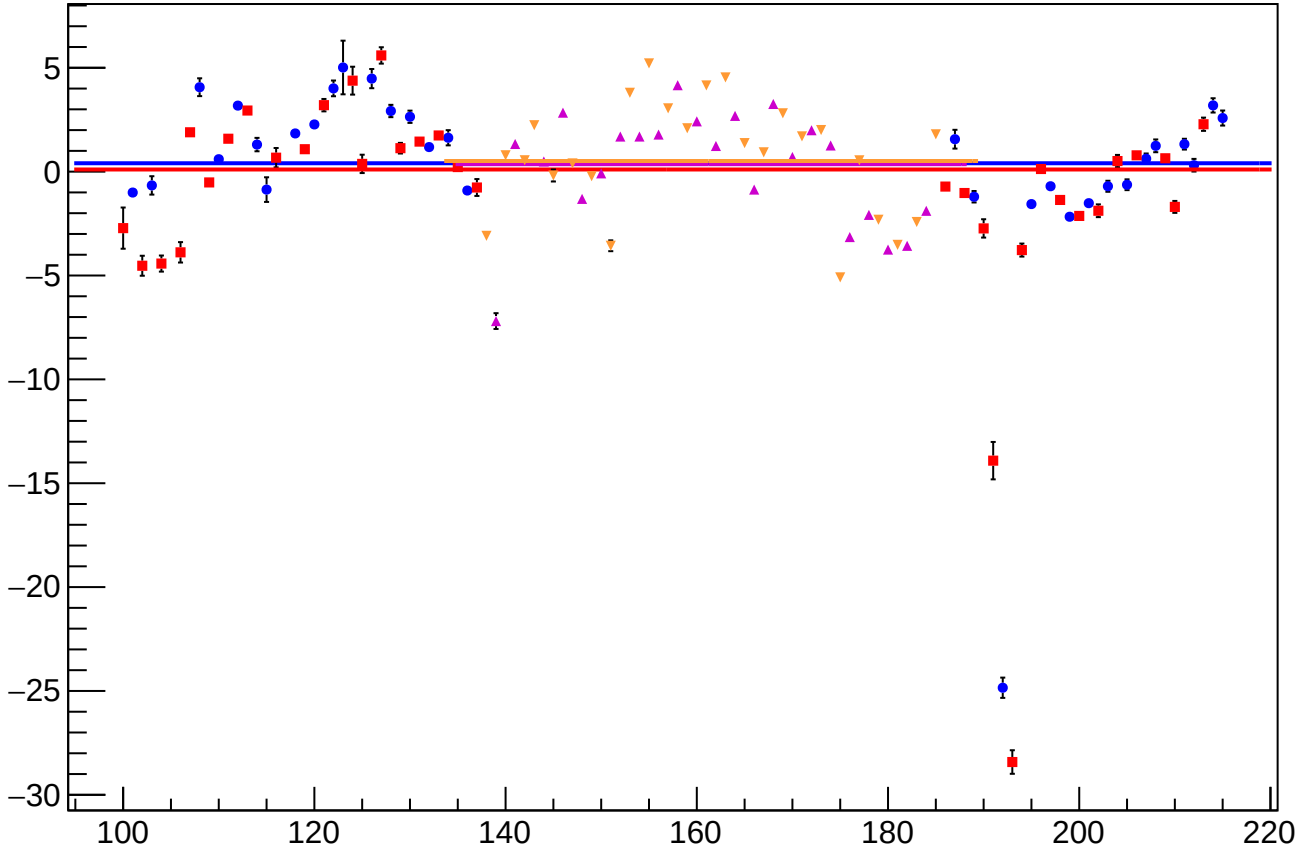
Left In: -16.934+/-0.038 χ^2/NDF:44060.6/22

+ sign -8.737+/-0.030 χ^2/NDF: 261957.3/39

All: -8.686+/-0.021 χ^2/NDF: 461718.8/77

- sign -8.636+/-0.030 χ^2/NDF: 199755.9/37

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: 0.104+/-0.044 χ^2/NDF: 4514.8/33

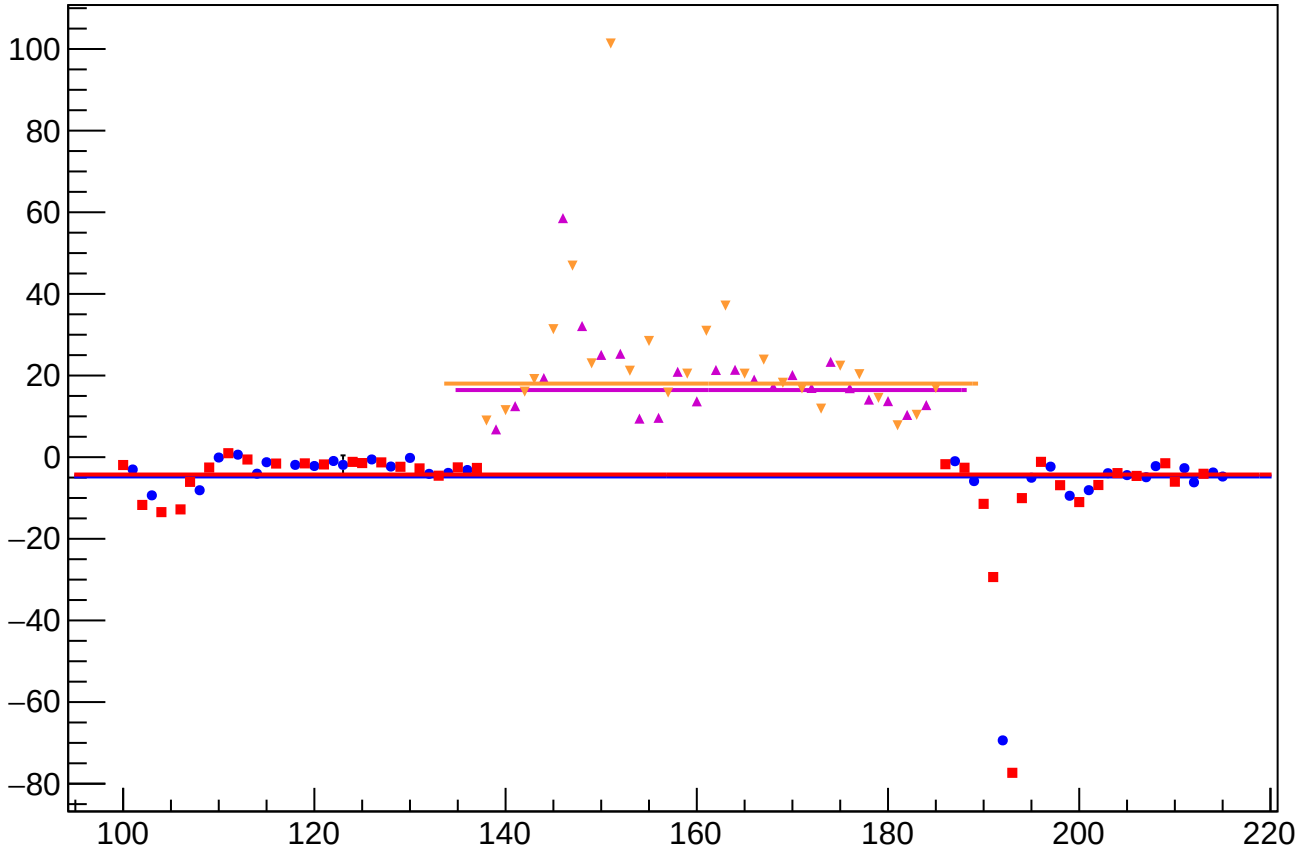
Left In: 0.360+/-0.031 χ^2/NDF:6221.1/22

+ sign 0.476+/-0.026 χ^2/NDF: 11164.5/56

All: 0.371+/-0.018 χ^2/NDF: 21953.4/113

- sign 0.277+/-0.025 χ^2/NDF: 10758.8/56

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: -4.250+/-0.041 χ^2/NDF: 28699.5/33

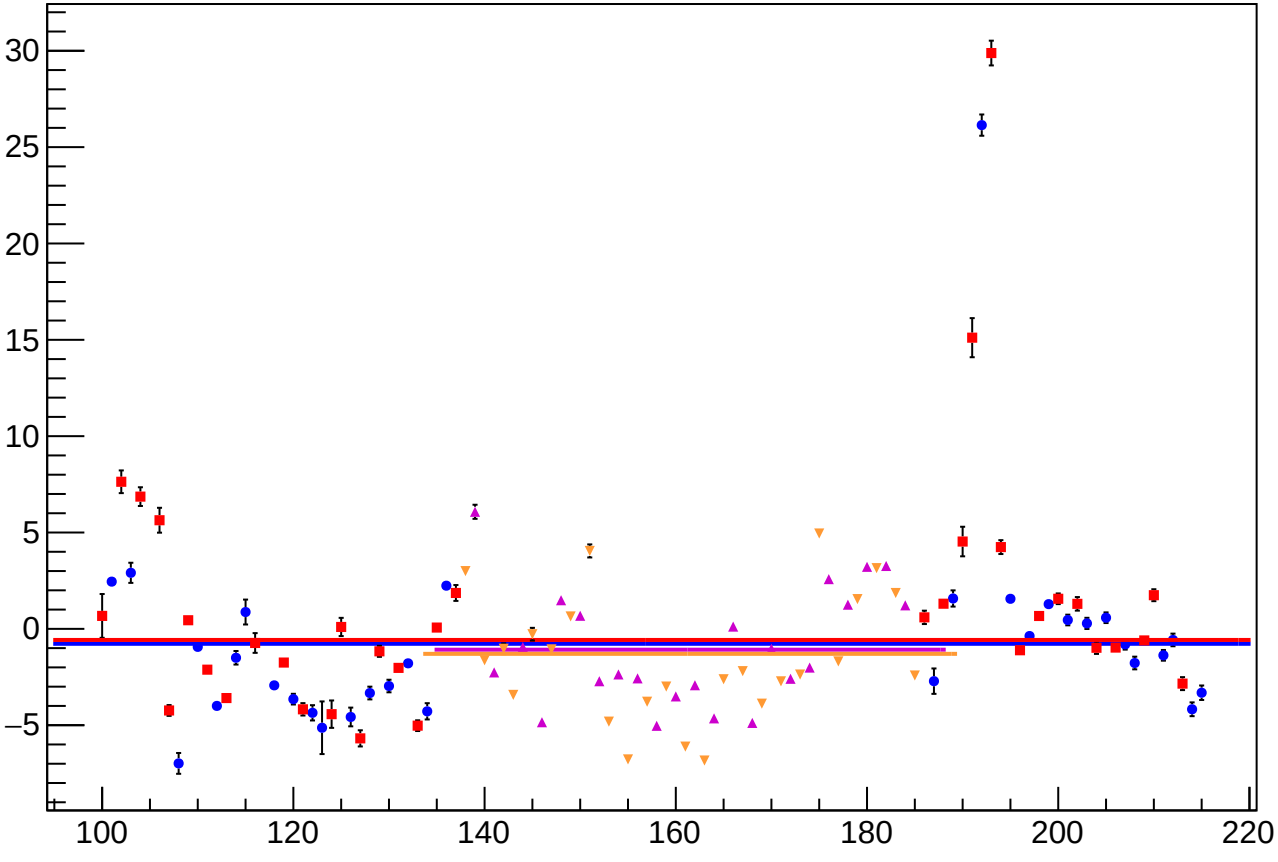
Left In: 16.443+/-0.038 χ^2/NDF:40780.6/22

+ sign 7.688+/-0.029 χ^2/NDF: 261394.0/56

All: 7.291+/-0.020 χ^2/NDF: 471227.5/113

- sign 6.925+/-0.028 χ^2/NDF: 209465.8/56

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: -0.576+/-0.051 χ^2/NDF: 4726.8/33

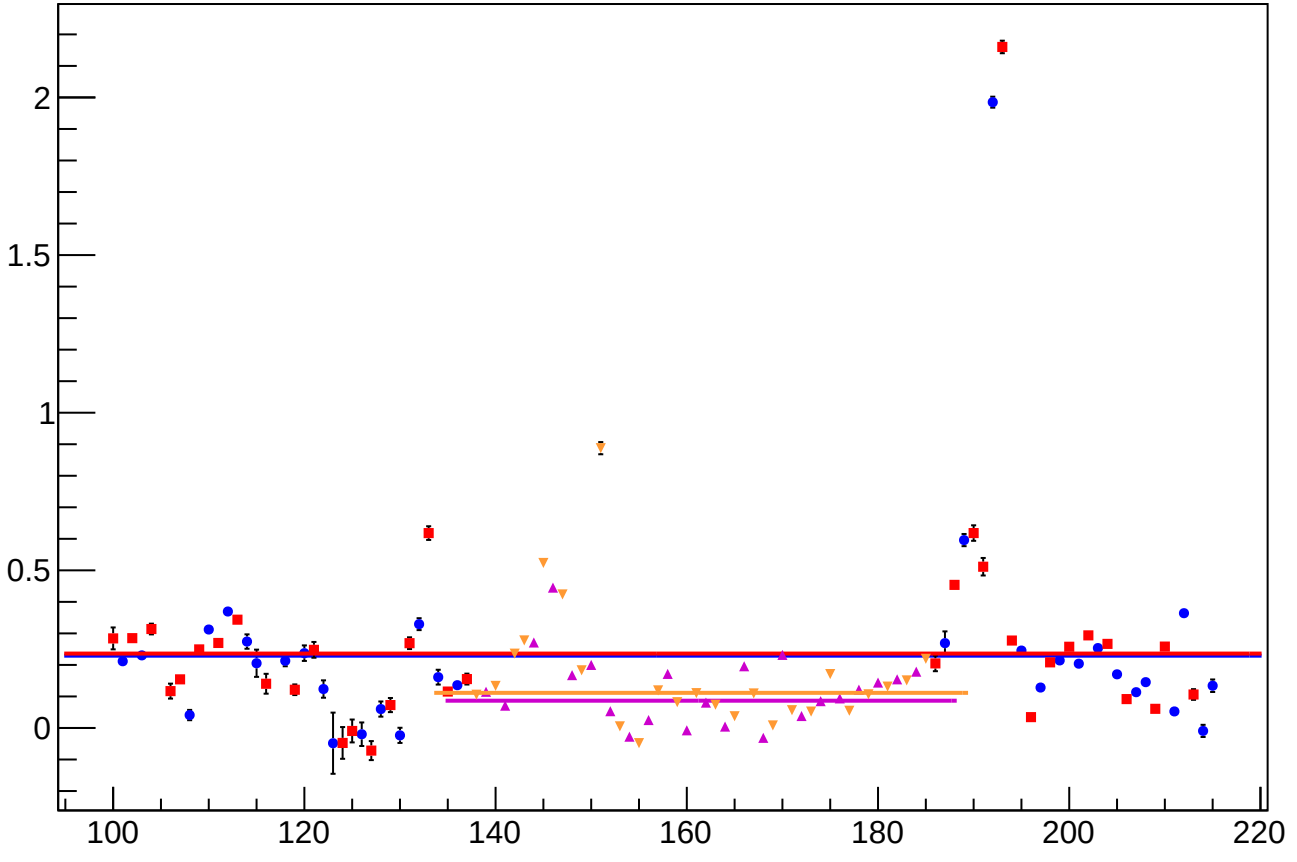
Left In: -1.082+/-0.034 χ^2/NDF:6724.1/22

+ sign -1.133+/-0.030 χ^2/NDF: 12178.8/56

All: -1.025+/-0.020 χ^2/NDF: 23723.7/113

- sign -0.926+/-0.028 χ^2/NDF: 11519.3/56

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: 0.236+/-0.002 χ^2/NDF: 12297.4/33

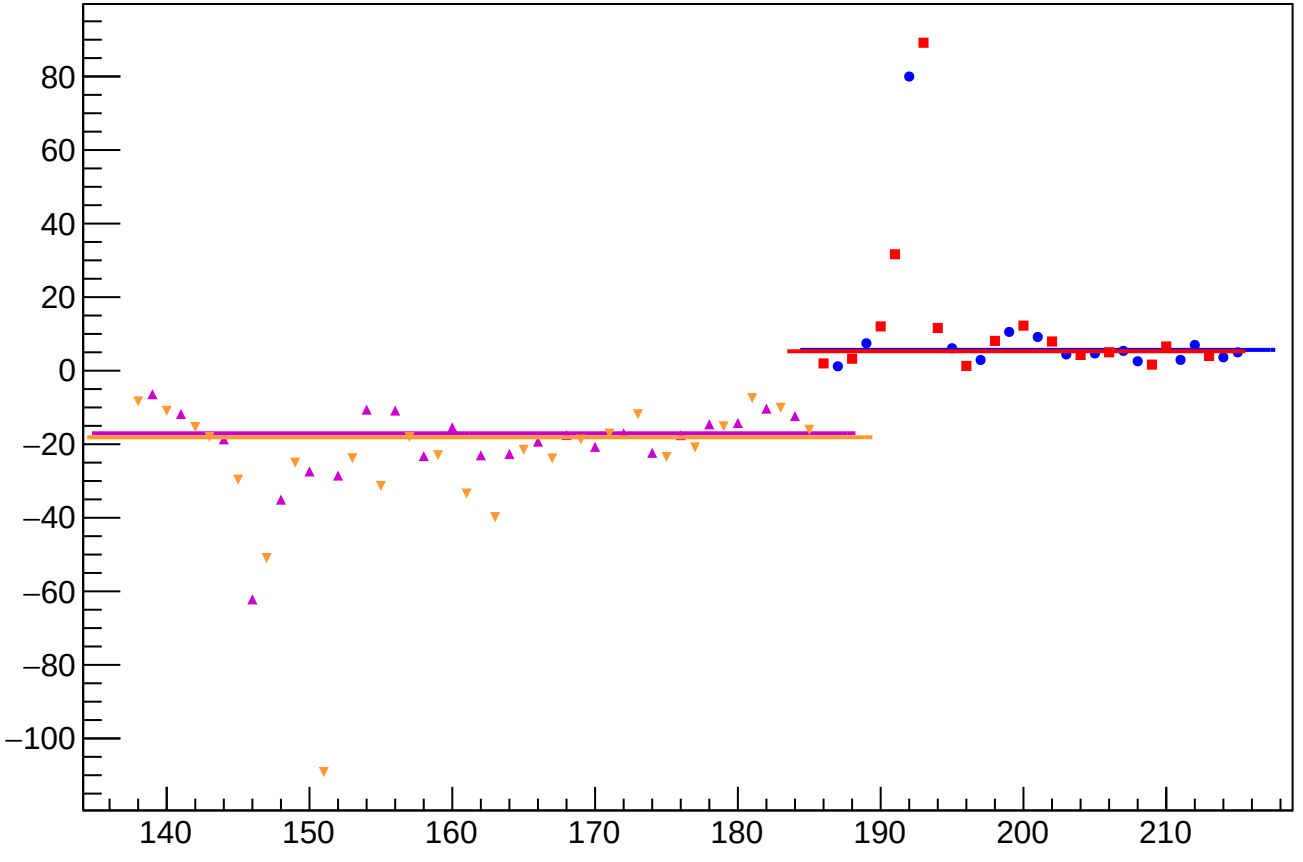
Left In: 0.087+/-0.001 χ^2/NDF:3625.5/22

+ sign 0.149+/-0.001 χ^2/NDF: 18237.8/56

All: 0.139+/-0.001 χ^2/NDF: 37224.3/113

- sign 0.131+/-0.001 χ^2/NDF: 18887.3/56

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: 5.280+/-0.049 χ^2/NDF: 27261.0/14

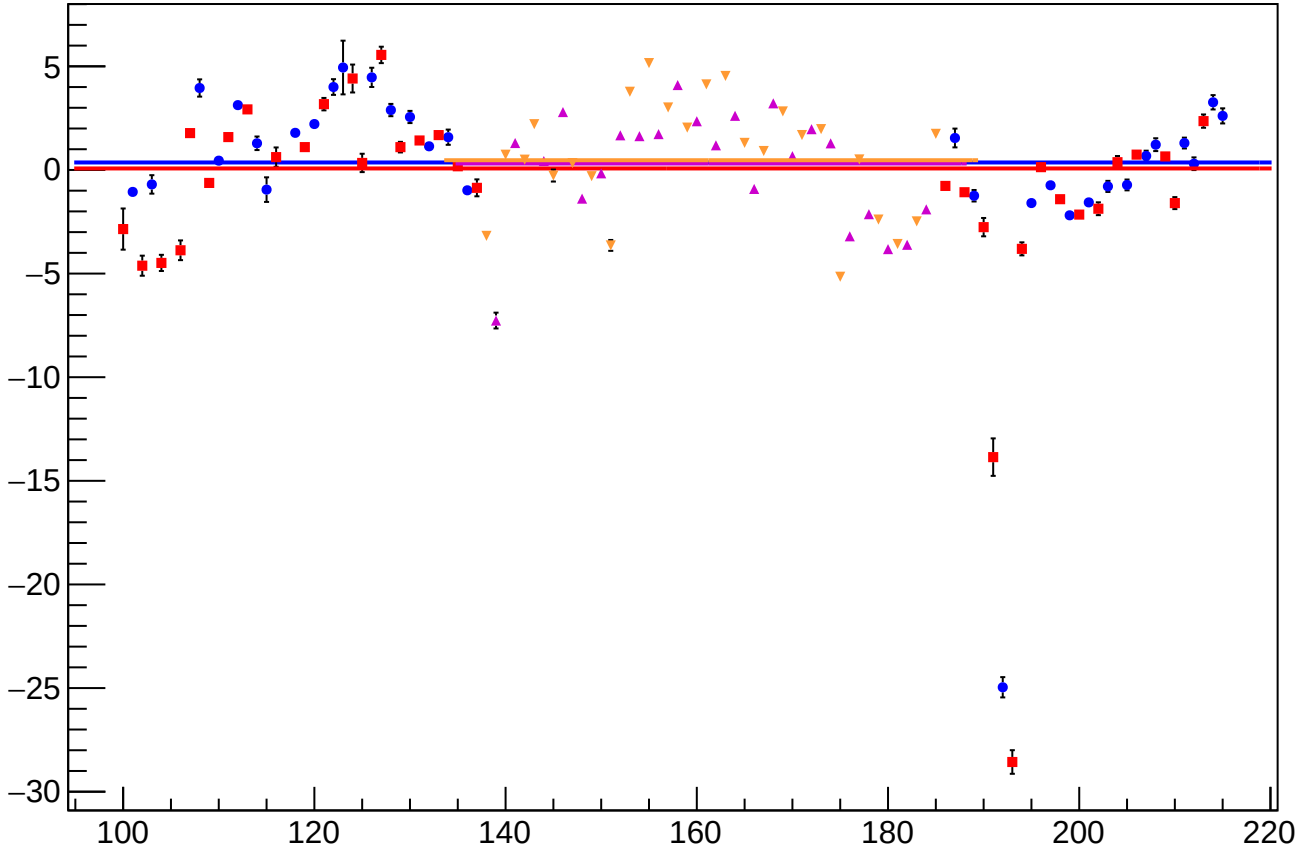
Left In: -17.024+/-0.038 χ^2/NDF:44141.8/22

+ sign -8.831+/-0.030 χ^2/NDF: 261740.7/39

All: -8.769+/-0.021 χ^2/NDF: 461251.9/77

- sign -8.709+/-0.030 χ^2/NDF: 199503.1/37

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: 0.072+/-0.044 χ^2/NDF: 4506.2/33

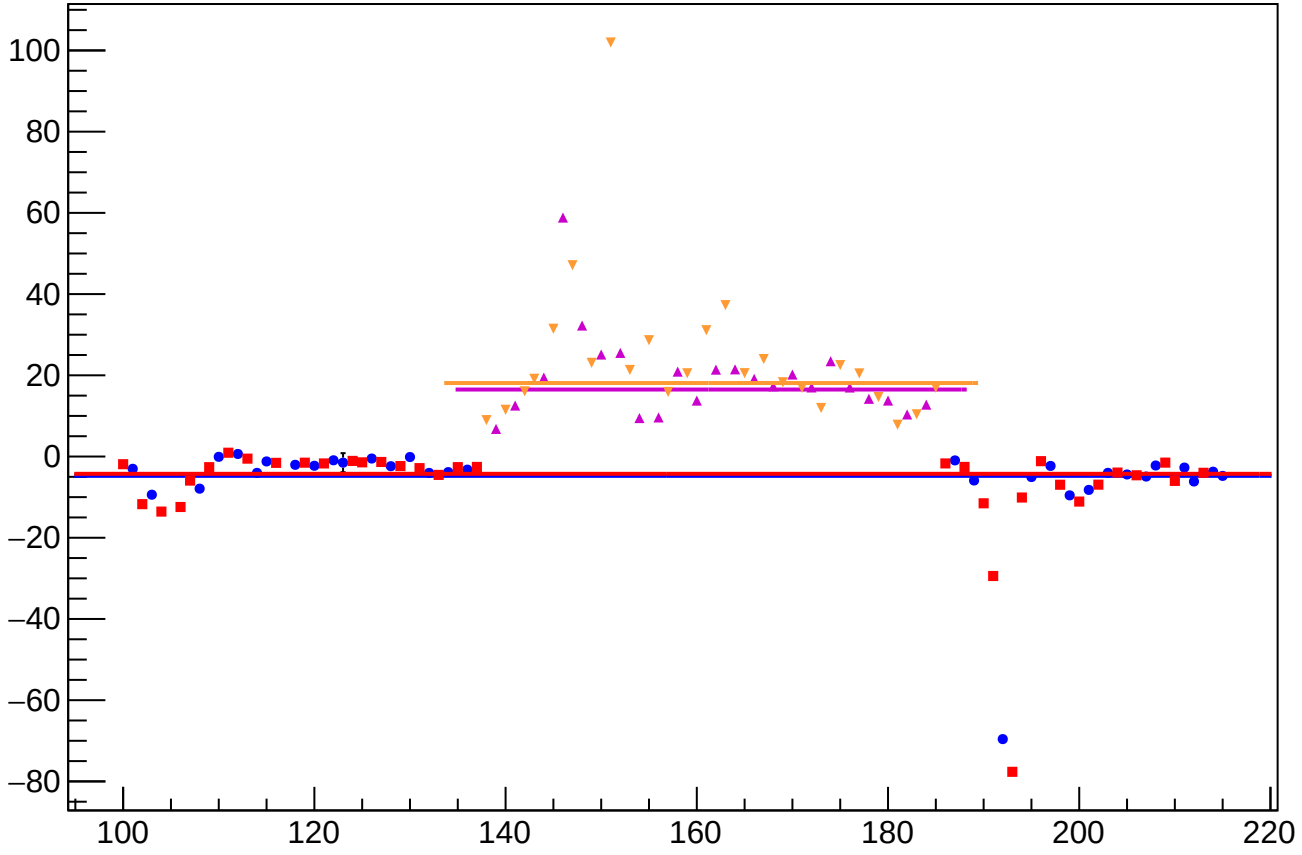
Left In: 0.311+/-0.031 χ^2/NDF:6183.1/22

+ sign 0.434+/-0.026 χ^2/NDF: 11182.4/56

All: 0.328+/-0.018 χ^2/NDF: 21921.5/113

- sign 0.233+/-0.025 χ^2/NDF: 10709.0/56

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: -4.258+/-0.041 χ^2/NDF: 28707.1/33

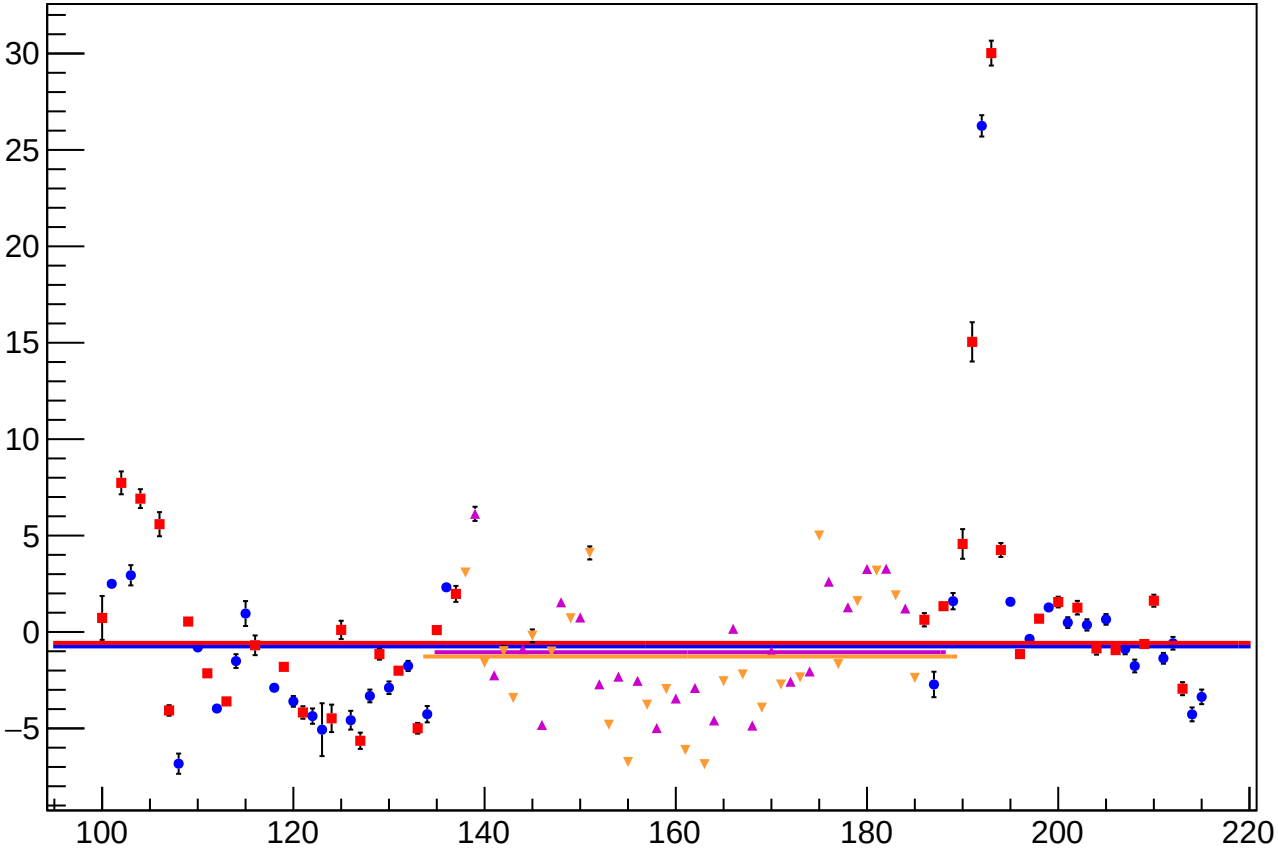
Left In: 16.496+/-0.038 χ^2/NDF:40867.3/22

+ sign 7.740+/-0.029 χ^2/NDF: 261193.8/56

All: 7.330+/-0.020 χ^2/NDF: 470853.2/113

- sign 6.952+/-0.028 χ^2/NDF: 209270.6/56

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: -0.565+/-0.051 χ^2/NDF: 4720.0/33

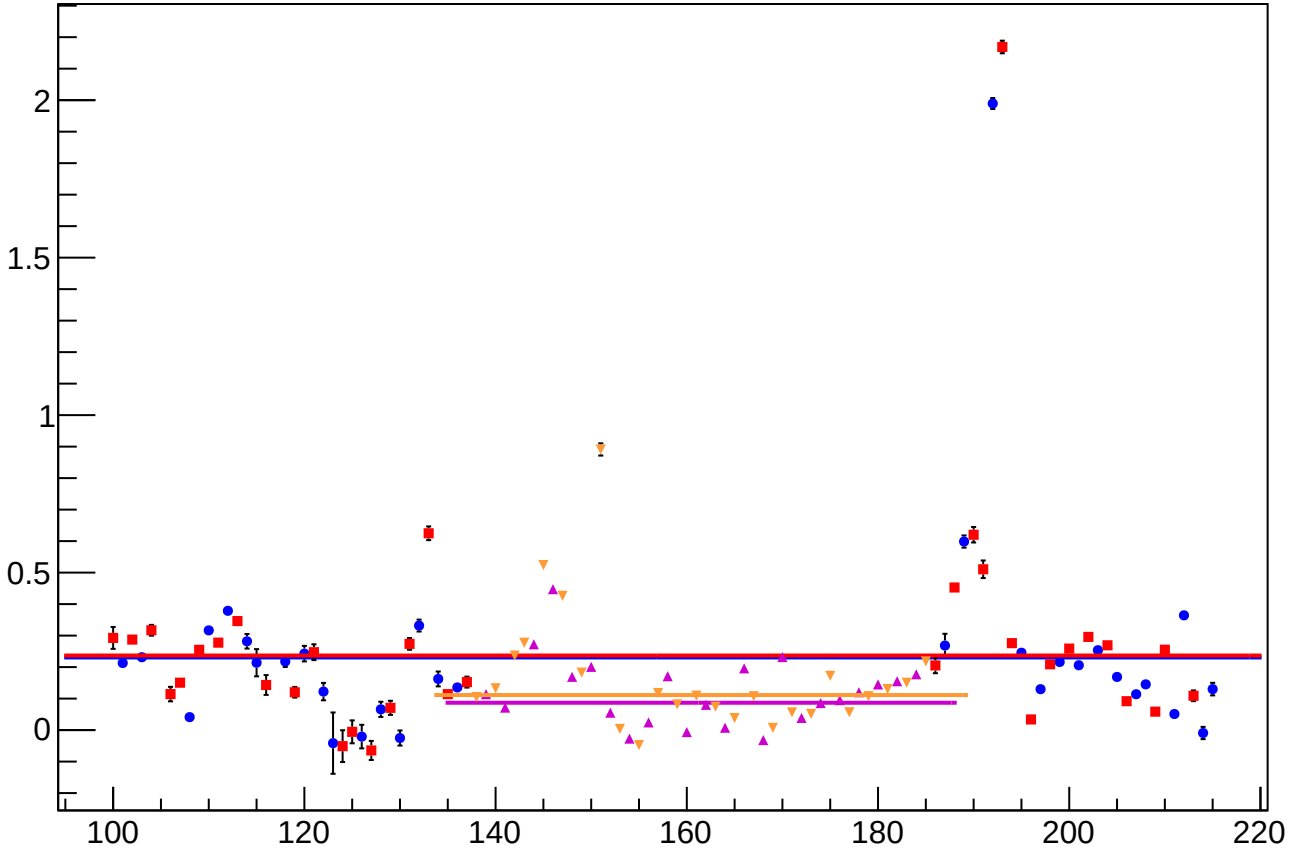
Left In: -1.050+/-0.034 χ^2/NDF:6673.4/22

+ sign -1.108+/-0.030 χ^2/NDF: 12205.6/56

All: -1.000+/-0.020 χ^2/NDF: 23687.1/113

- sign -0.901+/-0.028 χ^2/NDF: 11456.0/56

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

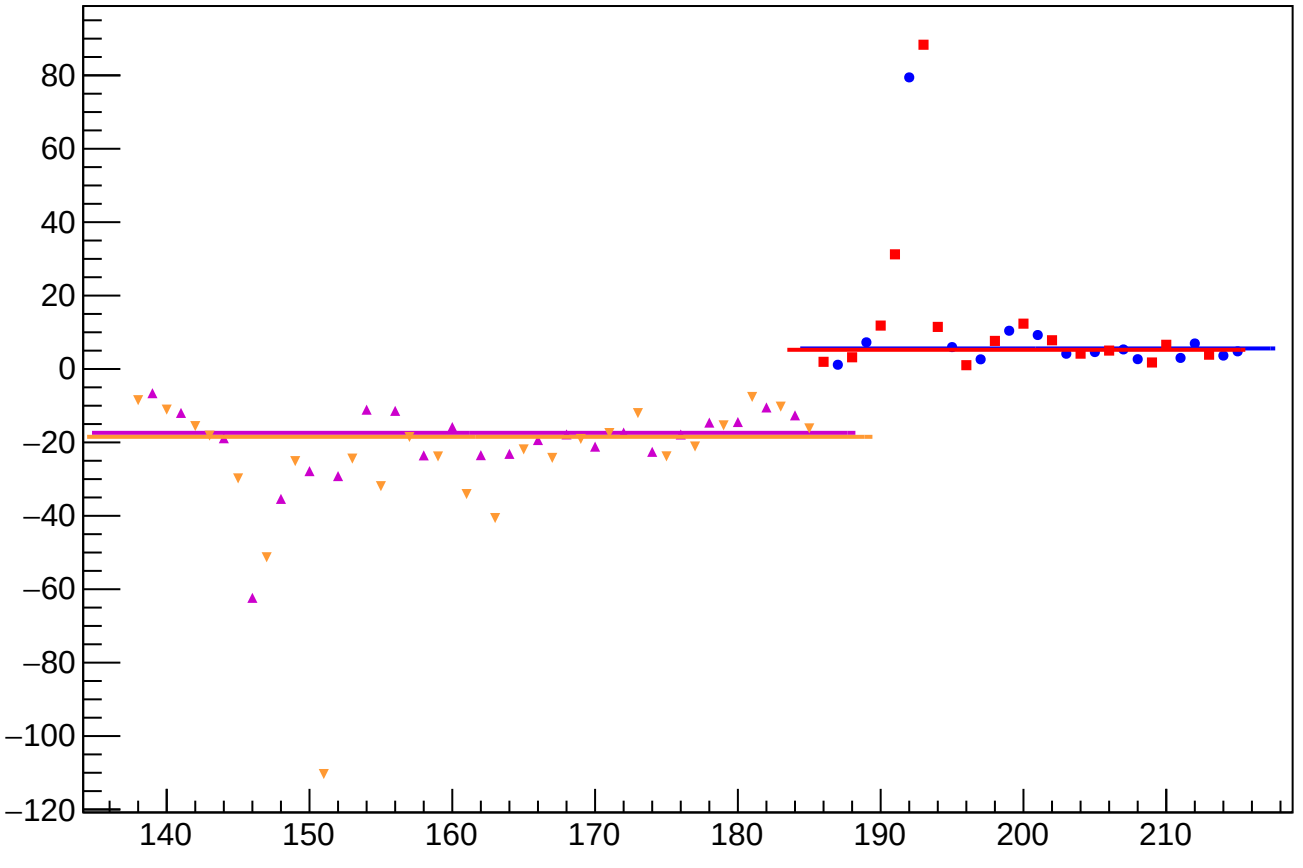
Right Out: 0.237+/-0.002 χ^2/NDF: 12313.5/33

Left In: 0.087+/-0.001 χ^2/NDF:3598.5/22

+ sign 0.149+/-0.001 χ^2/NDF: 18236.8/56

All: 0.140+/-0.001 χ^2/NDF: 37201.1/113

- sign 0.131+/-0.001 χ^2/NDF: 18868.5/56



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: 5.231+/-0.050 χ^2/NDF: 26680.7/14

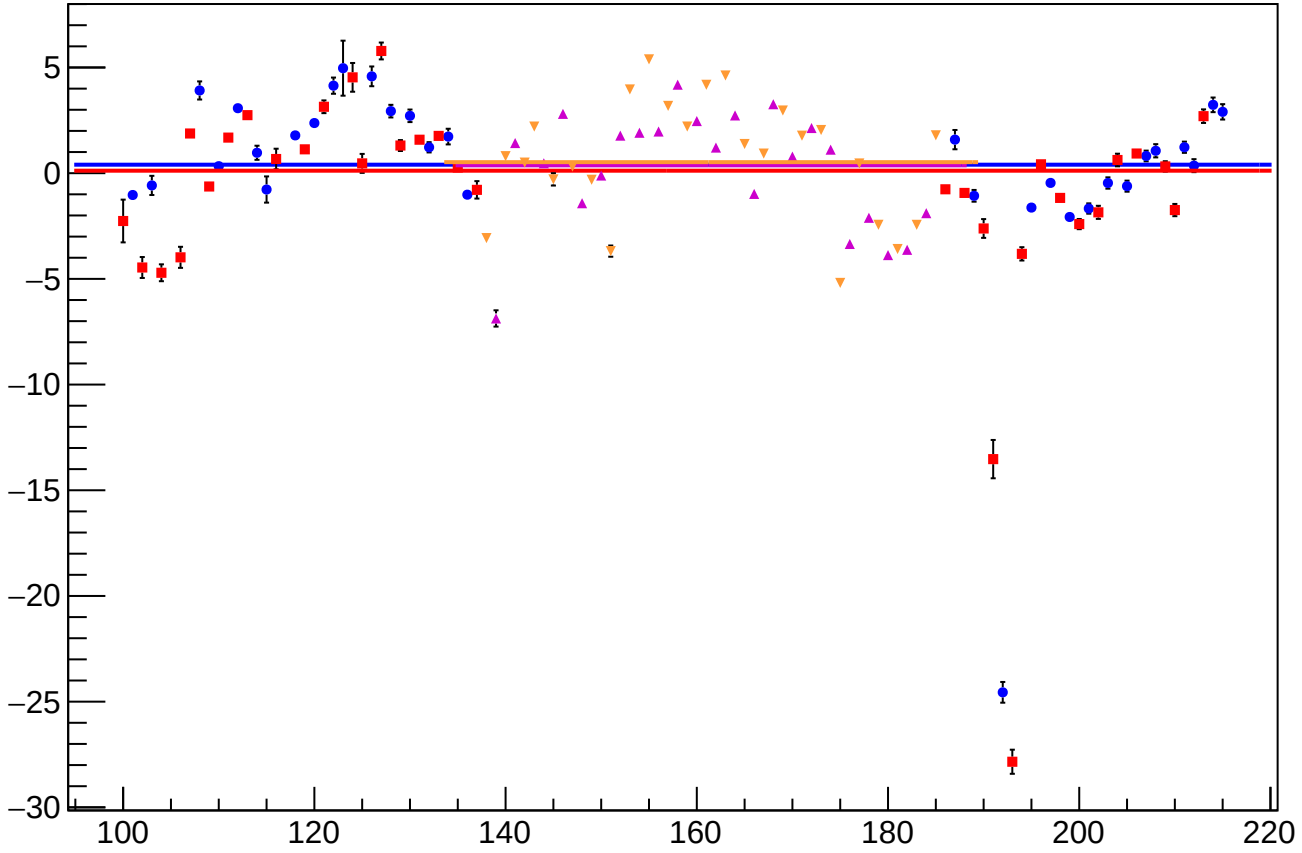
Left In: -17.393+/-0.039 χ^2/NDF:43178.9/22

+ sign -8.874+/-0.031 χ^2/NDF: 260820.1/39

All: -8.813+/-0.022 χ^2/NDF: 459473.6/77

- sign -8.753+/-0.031 χ^2/NDF: 198645.8/37

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: 0.118+/-0.045 χ^2/NDF: 4366.4/33

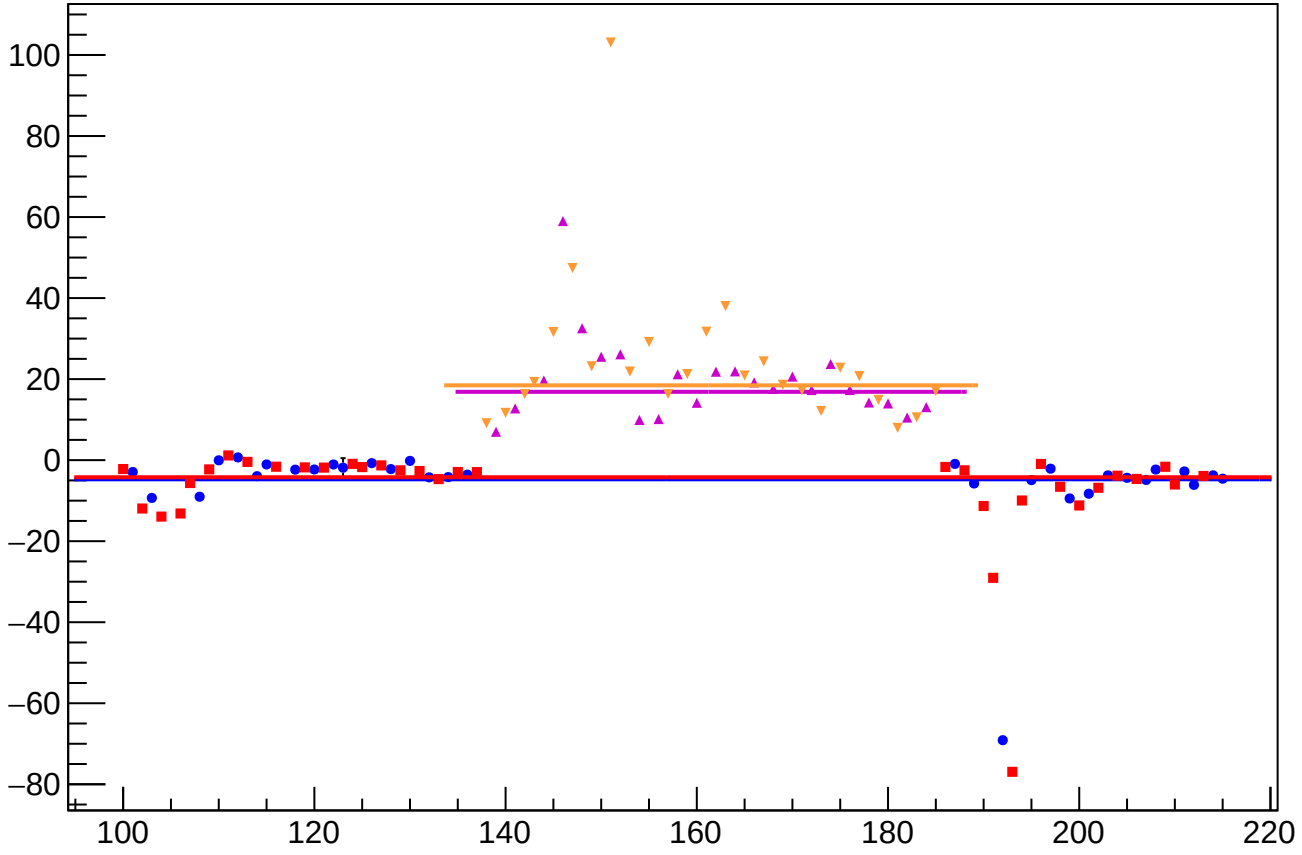
Left In: 0.371+/-0.031 χ^2/NDF:6217.4/22

+ sign 0.482+/-0.027 χ^2/NDF: 11013.5/56

All: 0.380+/-0.019 χ^2/NDF: 21645.9/113

- sign 0.288+/-0.026 χ^2/NDF: 10605.3/56

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: -4.221+/-0.041 χ^2/NDF: 28151.9/33

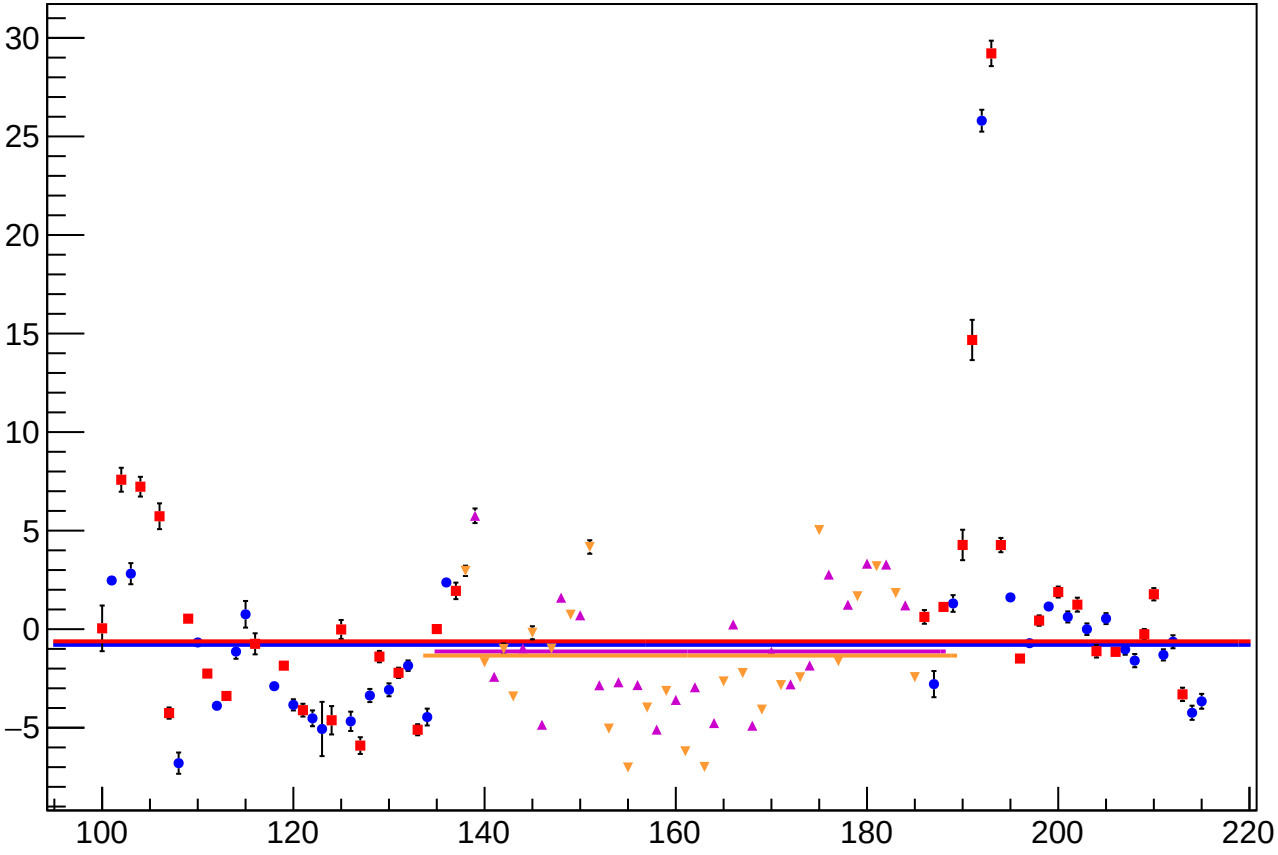
Left In: 16.867+/-0.039 χ^2/NDF:39779.0/22

+ sign 7.773+/-0.029 χ^2/NDF: 260223.4/56

All: 7.367+/-0.020 χ^2/NDF: 468529.3/113

- sign 6.992+/-0.028 χ^2/NDF: 207936.3/56

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: -0.617+/-0.052 χ^2/NDF: 4592.2/33

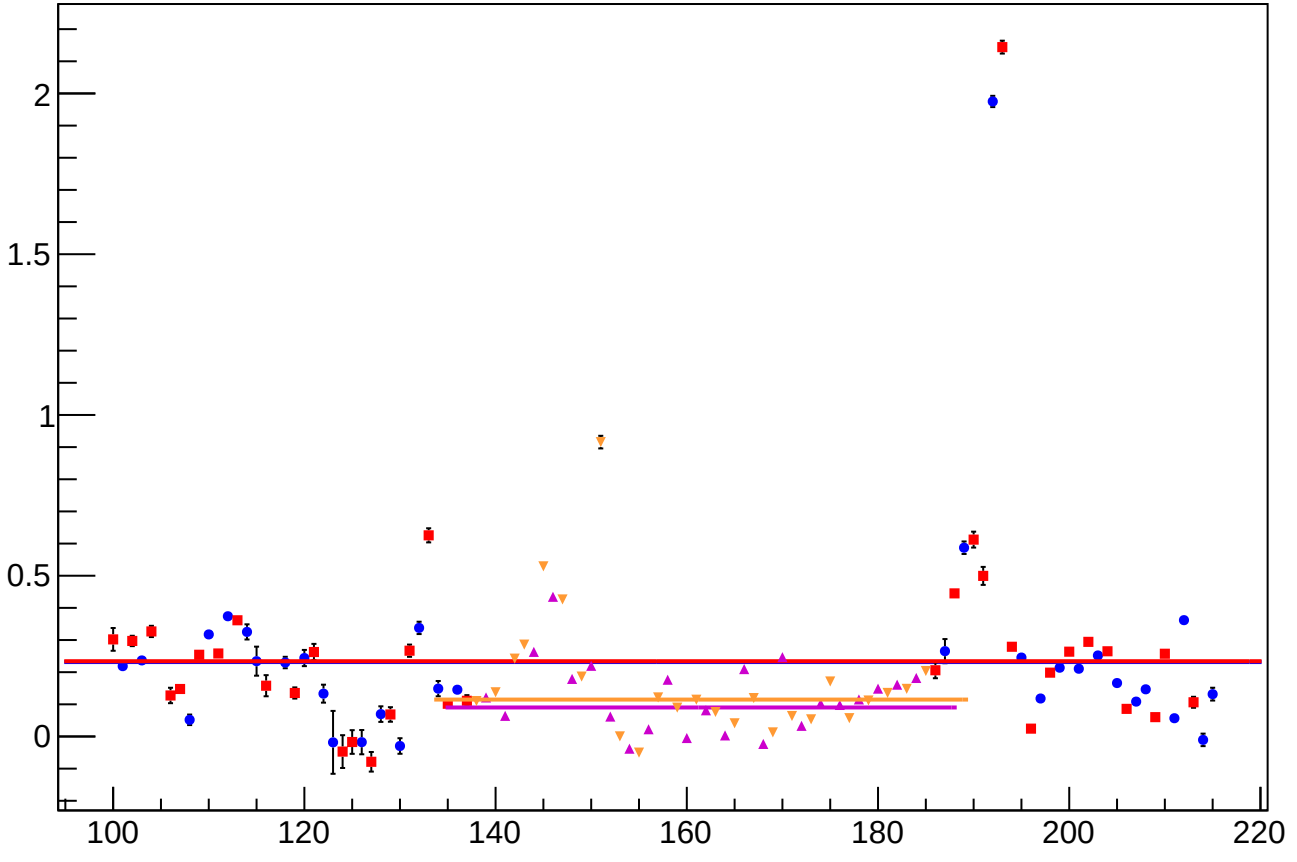
Left In: -1.132+/-0.035 χ^2/NDF:6708.5/22

+ sign -1.166+/-0.030 χ^2/NDF: 12049.8/56

All: -1.064+/-0.021 χ^2/NDF: 23440.3/113

- sign -0.971+/-0.029 χ^2/NDF: 11368.8/56

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: 0.234+/-0.002 χ^2/NDF: 12160.5/33

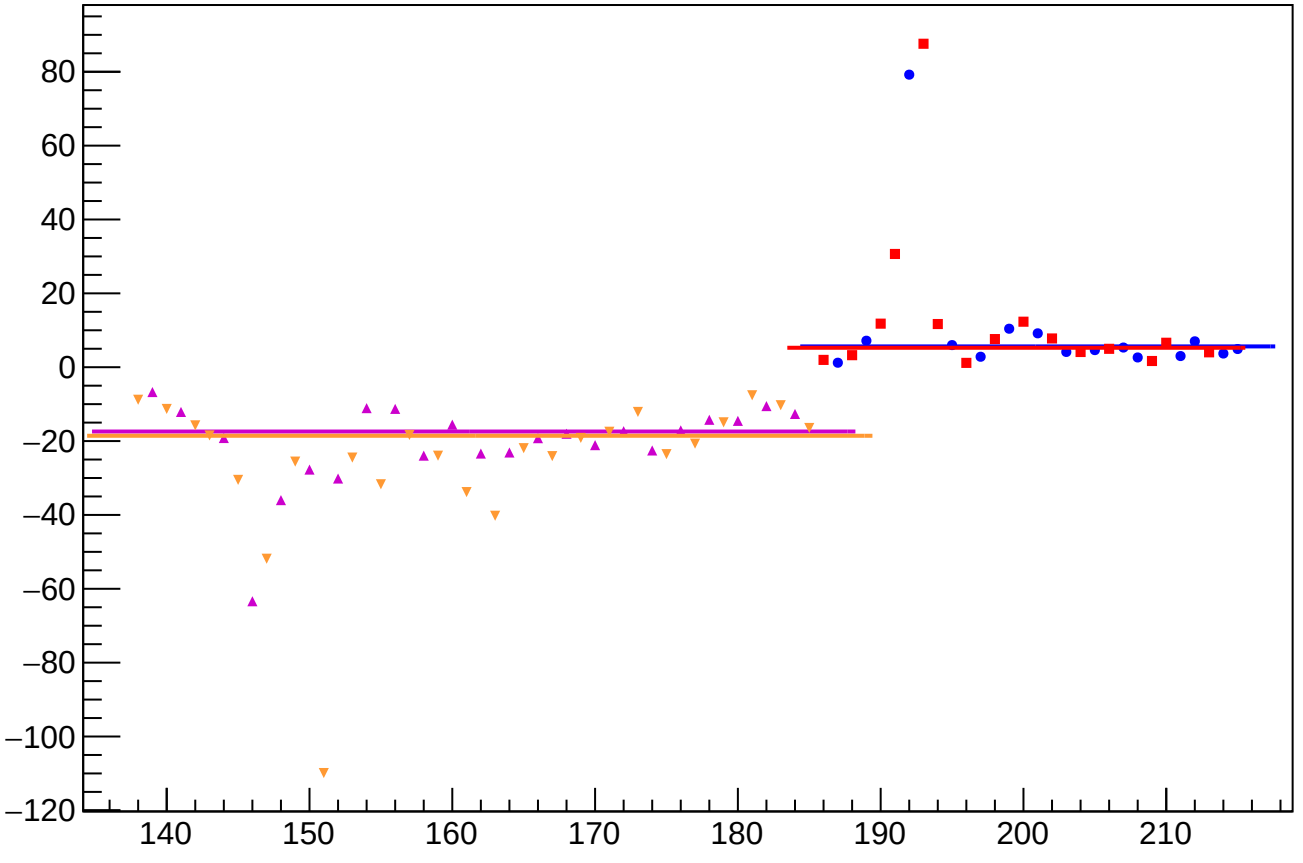
Left In: 0.090+/-0.002 χ^2/NDF:3676.5/22

+ sign 0.152+/-0.001 χ^2/NDF: 17811.6/56

All: 0.143+/-0.001 χ^2/NDF: 36394.4/113

- sign 0.134+/-0.001 χ^2/NDF: 18481.4/56

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: 5.266+/-0.050 χ^2/NDF: 26047.8/14

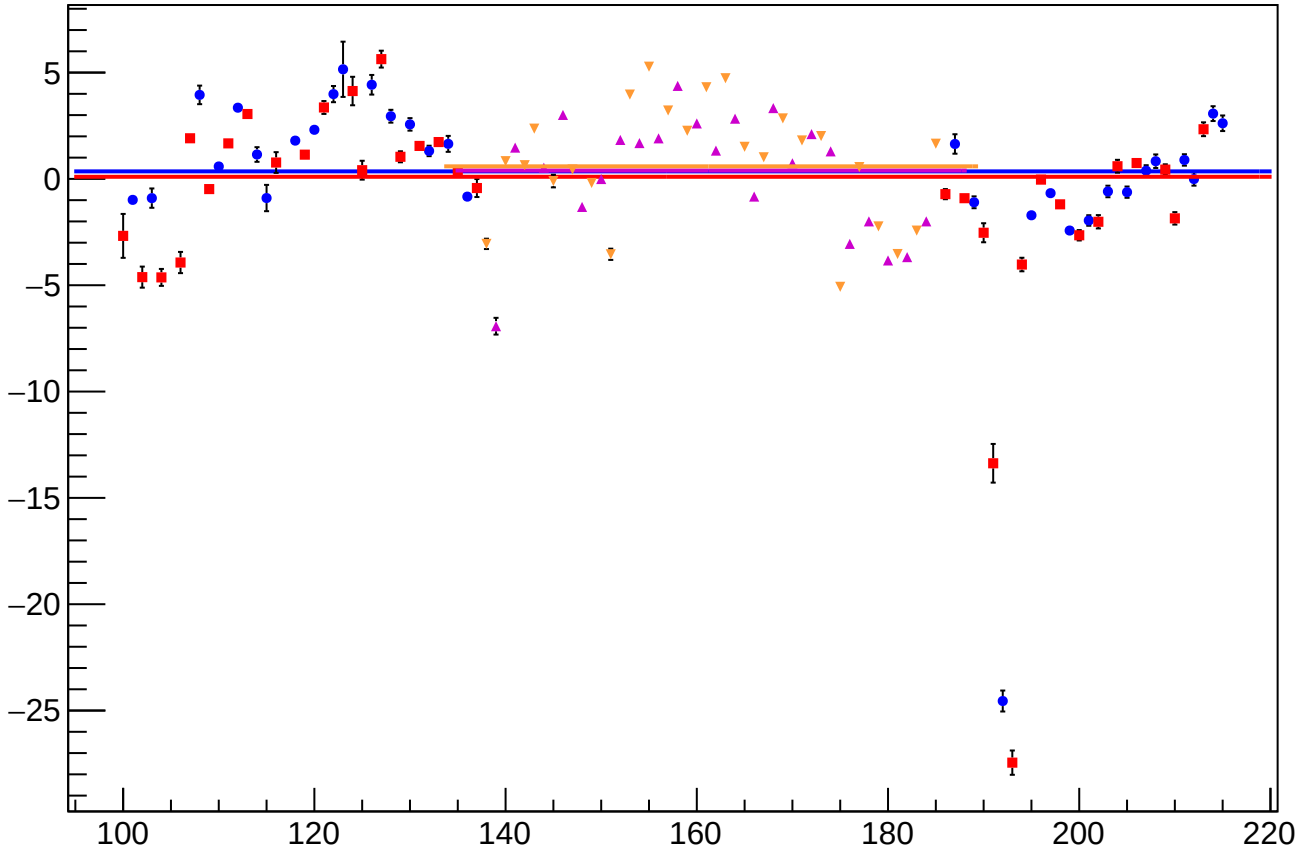
Left In: -17.414+/-0.039 χ^2/NDF:43504.1/22

+ sign -8.930+/-0.031 χ^2/NDF: 257134.9/39

All: -8.861+/-0.022 χ^2/NDF: 453266.8/77

- sign -8.794+/-0.031 χ^2/NDF: 196122.3/37

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: 0.100+/-0.045 χ^2/NDF: 4306.3/33

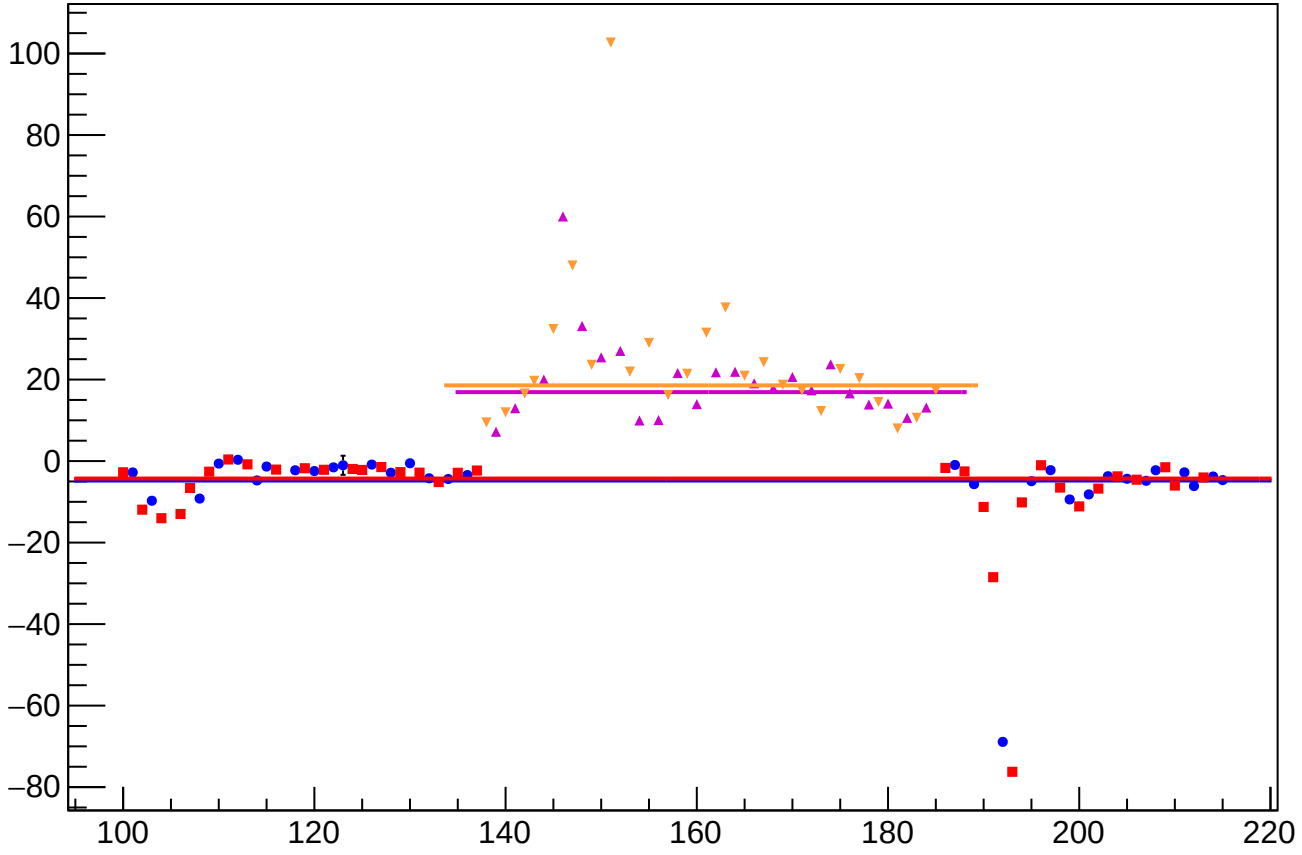
Left In: 0.394+/-0.032 χ^2/NDF:6059.8/22

+ sign 0.512+/-0.027 χ^2/NDF: 10782.9/56

All: 0.400+/-0.019 χ^2/NDF: 21209.9/113

- sign 0.297+/-0.026 χ^2/NDF: 10394.4/56

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: -4.290+/-0.042 χ^2/NDF: 27292.3/33

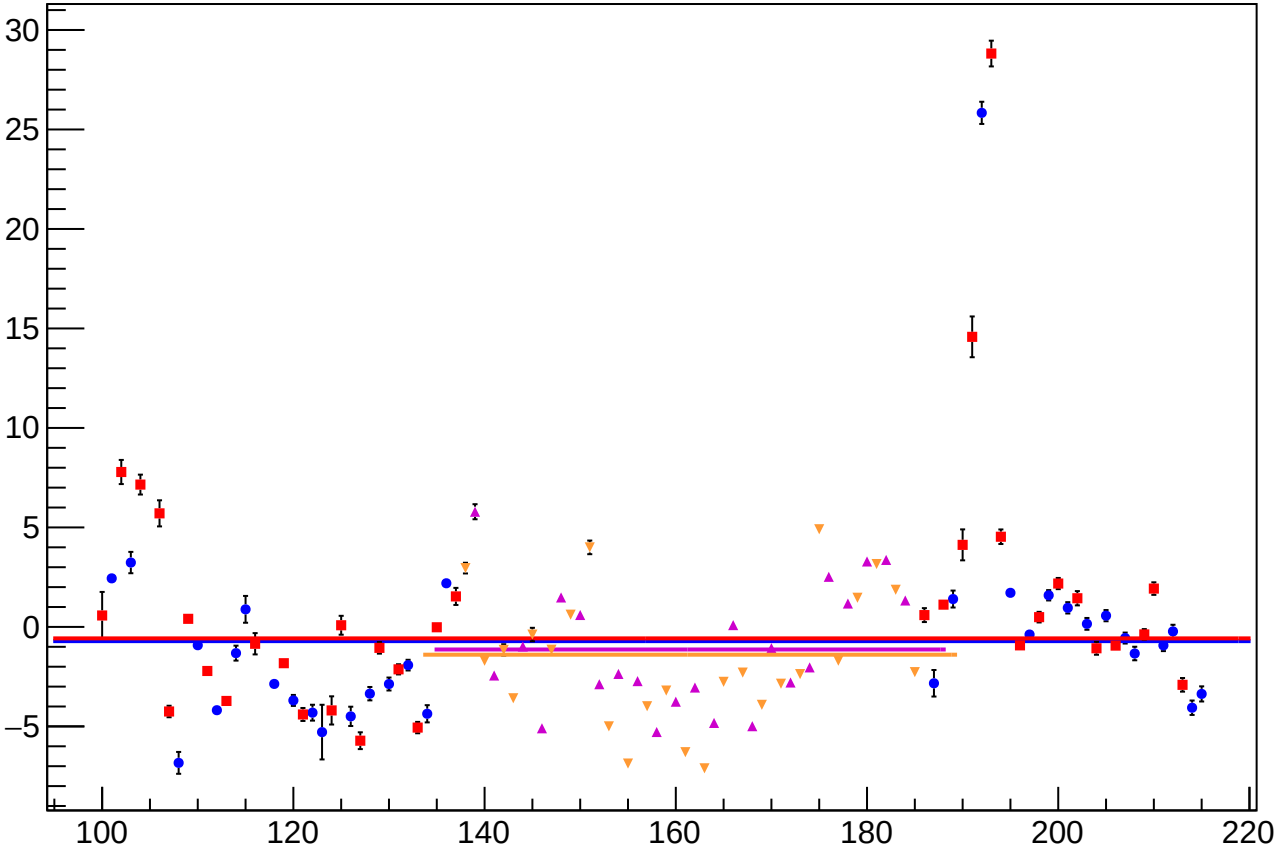
Left In: 16.919+/-0.039 χ^2/NDF:40154.5/22

+ sign 7.840+/-0.030 χ^2/NDF: 257003.6/56

All: 7.426+/-0.021 χ^2/NDF: 463182.2/113

- sign 7.044+/-0.028 χ^2/NDF: 205802.0/56

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: -0.576+/-0.053 χ^2/NDF: 4517.5/33

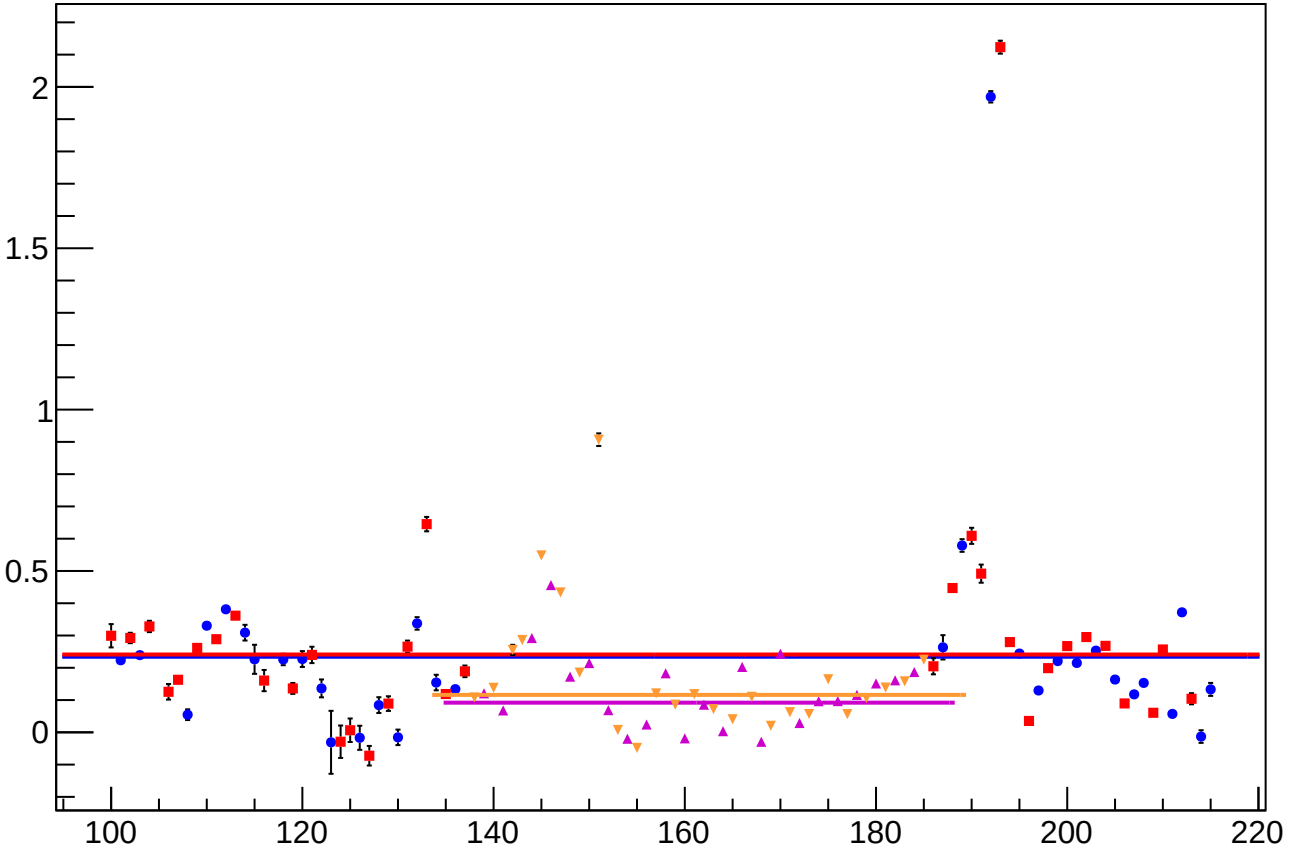
Left In: -1.135+/-0.035 χ^2/NDF:6597.7/22

+ sign -1.180+/-0.031 χ^2/NDF: 11805.9/56

All: -1.066+/-0.021 χ^2/NDF: 23025.7/113

- sign -0.962+/-0.029 χ^2/NDF: 11193.1/56

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: 0.241+/-0.002 χ^2/NDF: 11655.0/33

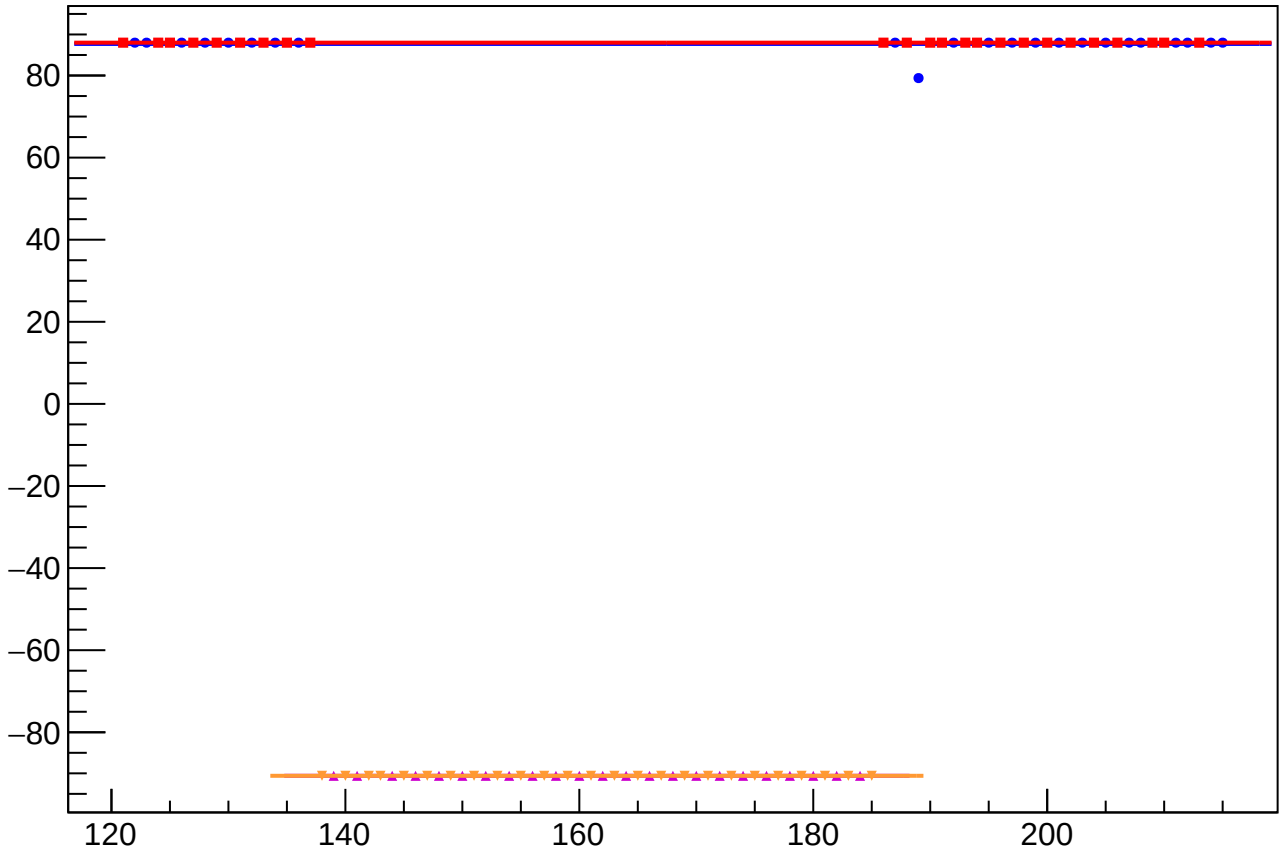
Left In: 0.092+/-0.002 χ^2/NDF:3631.4/22

+ sign 0.154+/-0.001 χ^2/NDF: 17595.2/56

All: 0.145+/-0.001 χ^2/NDF: 35731.8/113

- sign 0.136+/-0.001 χ^2/NDF: 18051.8/56

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: 944310.7/23

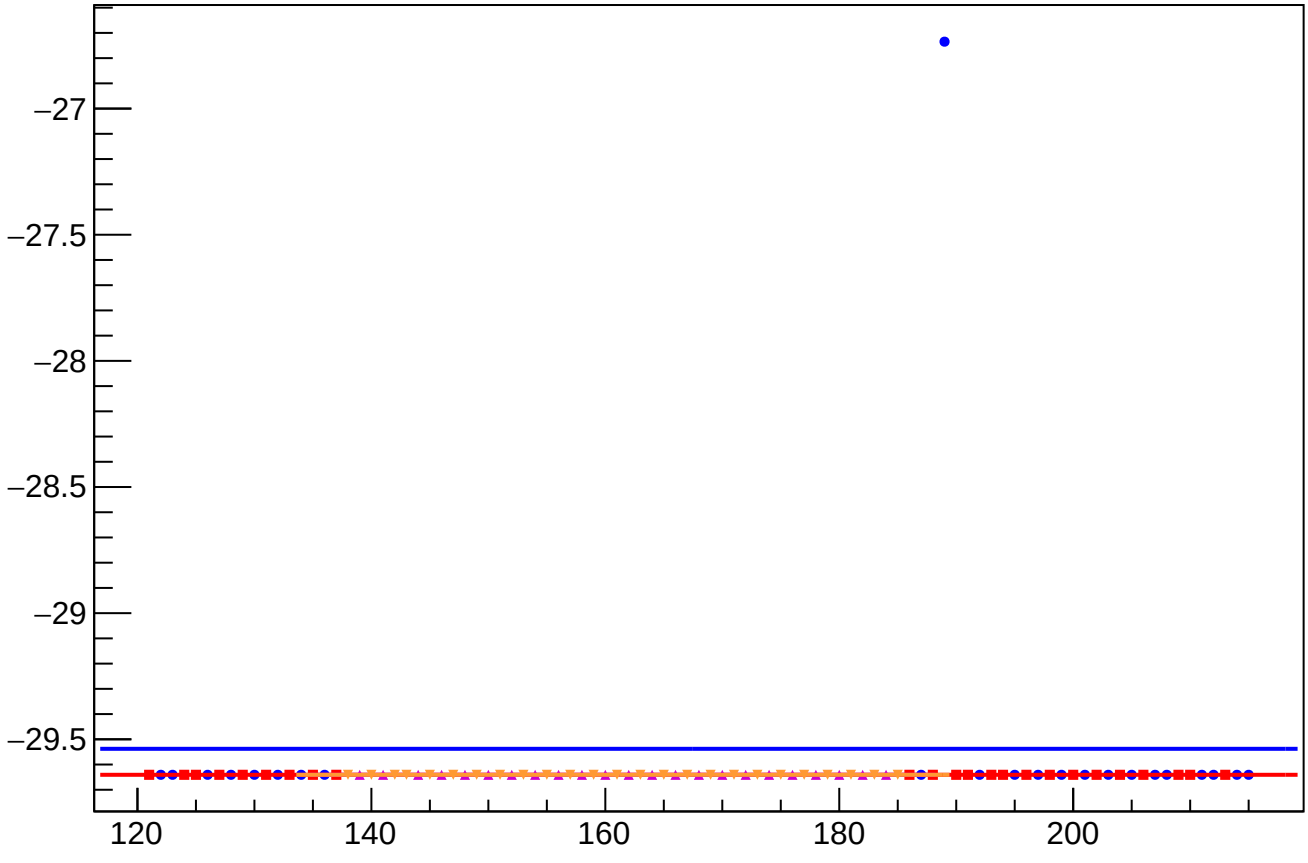
Left In: -90.599+/-0.000 χ^2/NDF:5932436.0/22

+ sign -13.990+/-0.000 χ^2/NDF: 260924307162101

All: -13.839+/-0.000 χ^2/NDF: 509718935397

- sign -13.679+/-0.000 χ^2/NDF: 2487930575831498

HWienAngle_mean vs Slug



Right In: -29.538+/-0.000 χ^2/NDF: 41540862358840335310442195215974 4.0/22

Left Out: -29.641+/-0.000 χ^2/NDF:654199.2/24

Right Out: -29.641+/-0.000 χ^2/NDF: 1572042.0/23

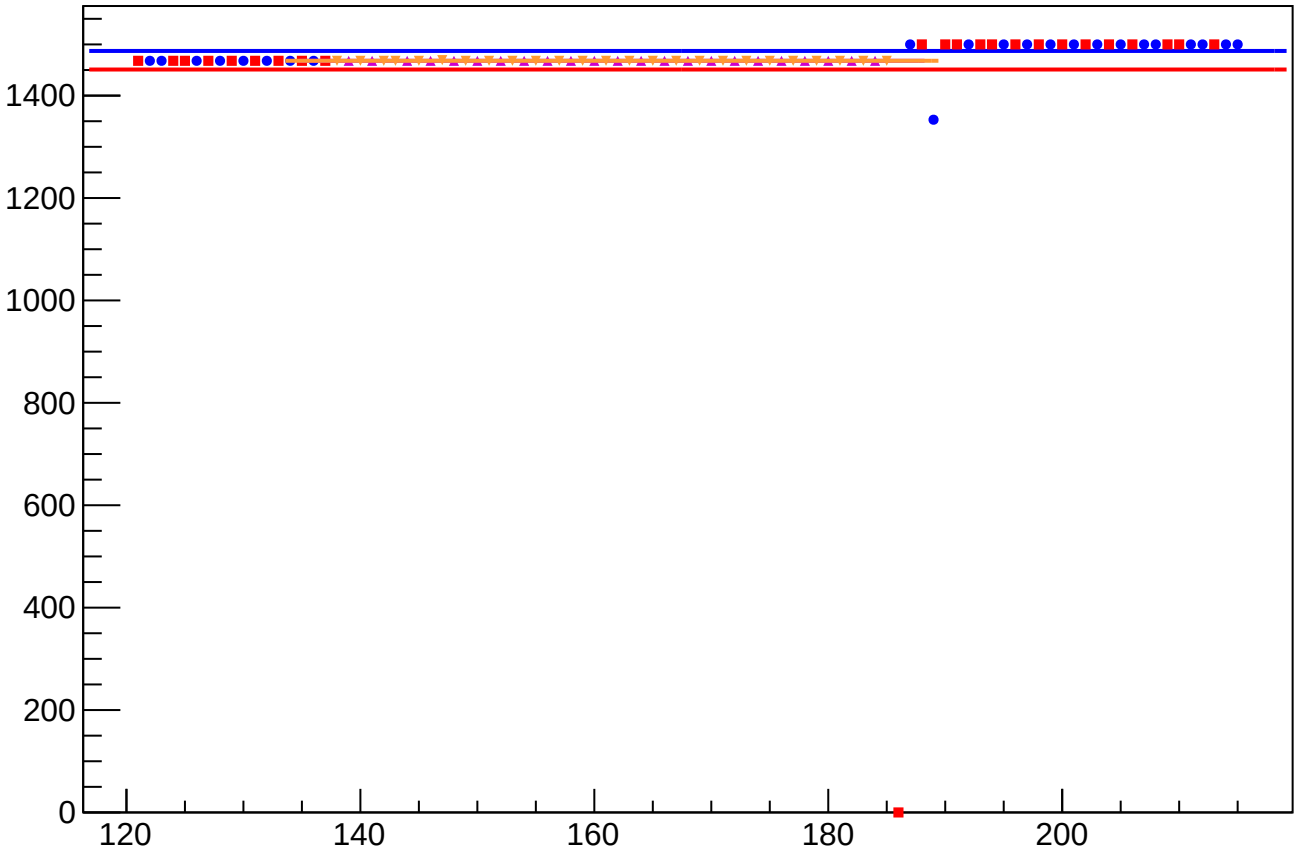
Left In: -29.641+/-0.000 χ^2/NDF:511825.6/22

+ sign -29.596+/-0.000 χ^2/NDF: 424113737081728

All: -29.618+/-0.000 χ^2/NDF: 427308600908

- sign -29.641+/-0.000 χ^2/NDF: 2353254.1/46

psub_pl_pos_mean vs Slug



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: 1450.986+/-0.000 χ^2/NDF: 82532678826421470698971593650609324032.0/23

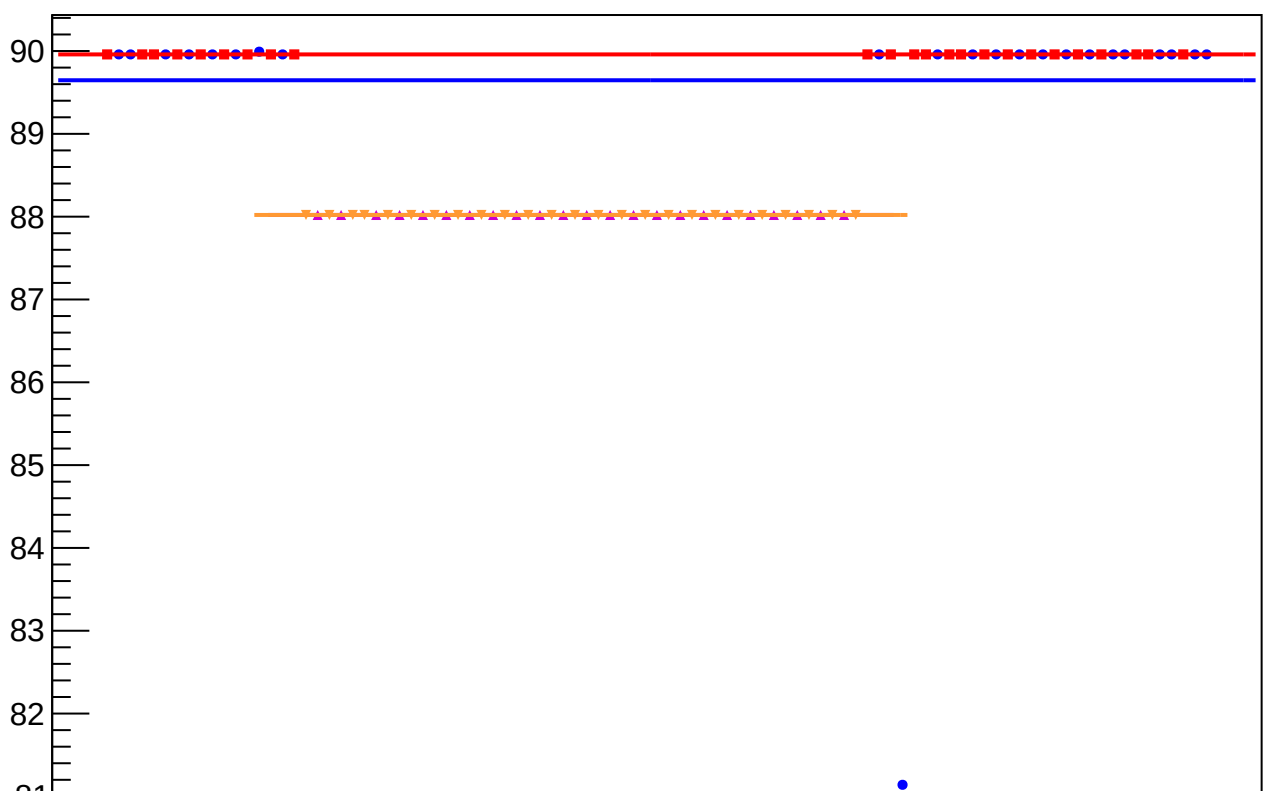
Left In: 1467.994+/-0.000 χ^2/NDF:14584870234027503531099317862 4.0/22

+ sign 1476.297+/-0.000 χ^2/NDF: 15190197451403

All: 1468.684+/-0.000 χ^2/NDF: 8467576643

- sign 1460.669+/-0.000 χ^2/NDF: 82758299514139

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: 4131864.1/23

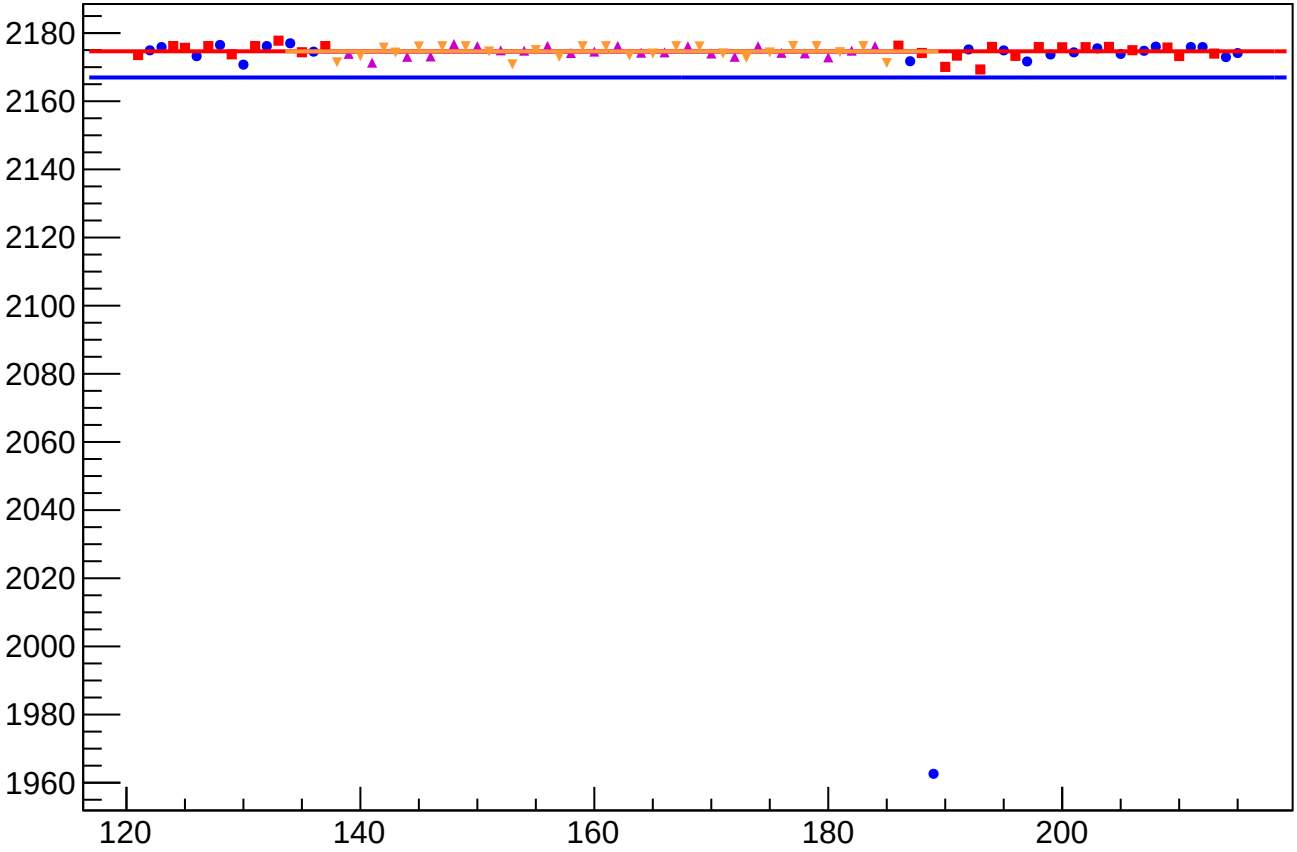
Left In: 88.021+/-0.000 χ^2/NDF:6084099.2/22

+ sign 88.720+/-0.000 χ^2/NDF: 5997996045193425

All: 88.786+/-0.000 χ^2/NDF: 895941326341

- sign 88.856+/-0.000 χ^2/NDF: 2931223709596259

HALLA_p_mean vs Slug



Right In: 2166.974+/-0.000 χ^2/NDF: 2211056324357146436969492293884051456.0/22

+ sign 2171.336+/-0.000 χ^2/NDF: 22641710923435

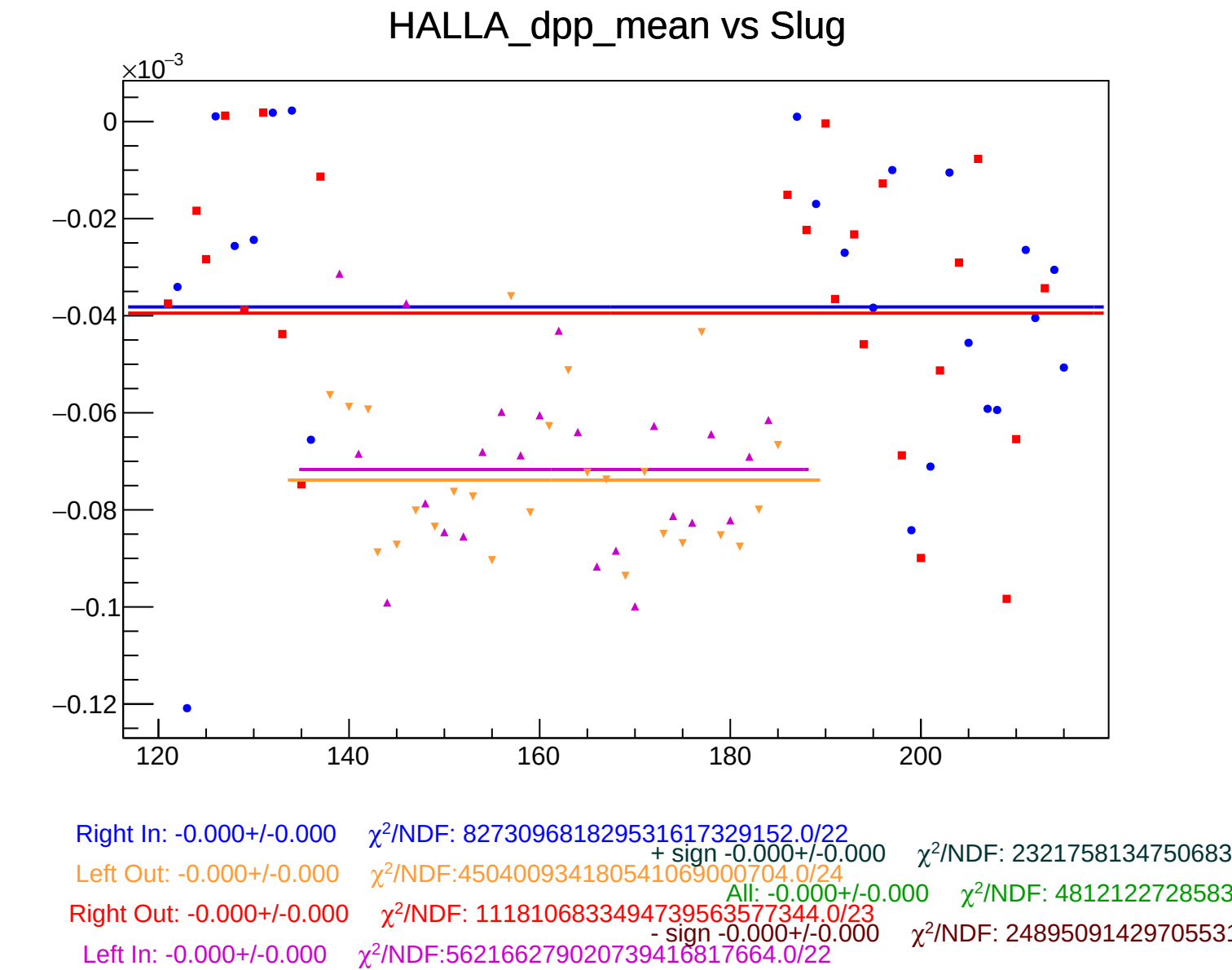
Left Out: 2174.622+/-0.000 χ^2/NDF:5110578135476093110874911595823104.0/24

All: 2172.920+/-0.000 χ^2/NDF: 2289703906

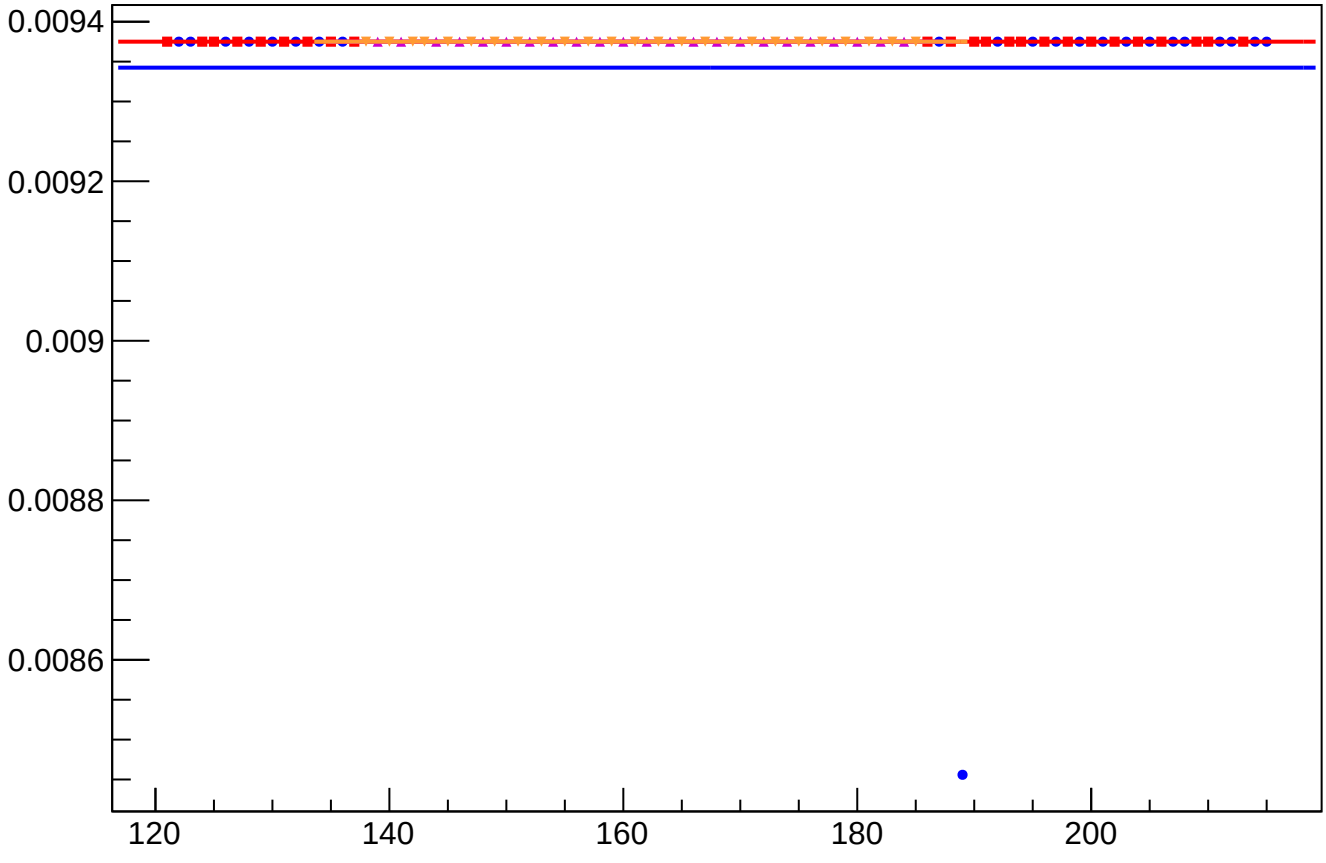
Right Out: 2174.652+/-0.000 χ^2/NDF: 486903544455181517320428743714406 4.0/23

- sign 2174.588+/-0.000 χ^2/NDF: 82797943749076

Left In: 2174.539+/-0.000 χ^2/NDF:340074256242516896749466539157094 4.0/22


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
Right In: -0.000+/-0.000 χ²/NDF: 8273096818295316173291520.0/22
Left Out: -0.000+/-0.000 χ²/NDF:4504009341805410690007040.0/24
Right Out: -0.000+/-0.000 χ²/NDF: 1118106833494739563577344.0/23
Left In: -0.000+/-0.000 χ²/NDF:5621662790207394168176640.0/22
+ sign -0.000+/-0.000 χ²/NDF: 2321758134750683
All: -0.000+/-0.000 χ²/NDF: 4812122728583
- sign -0.000+/-0.000 χ²/NDF: 2489509142970553

MQ171LM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF: 4155670042513083518156800 0.0/22

Left Out: 0.009+/-0.000 χ^2/NDF:0.1/24

Right Out: 0.009+/-0.000 χ^2/NDF: 0.1/23

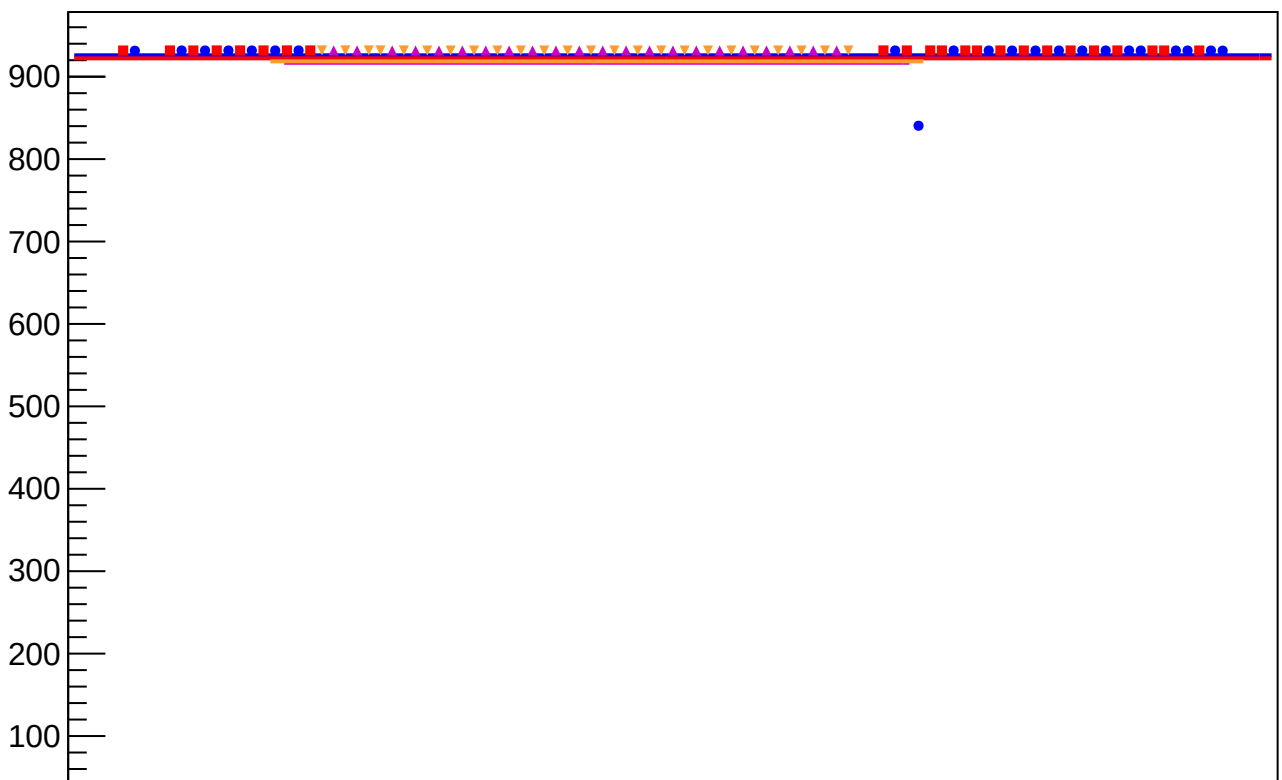
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 4242754366975096

All: 0.009+/-0.000 χ^2/NDF: 427471518613

- sign 0.009+/-0.000 χ^2/NDF: 0.2/46

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

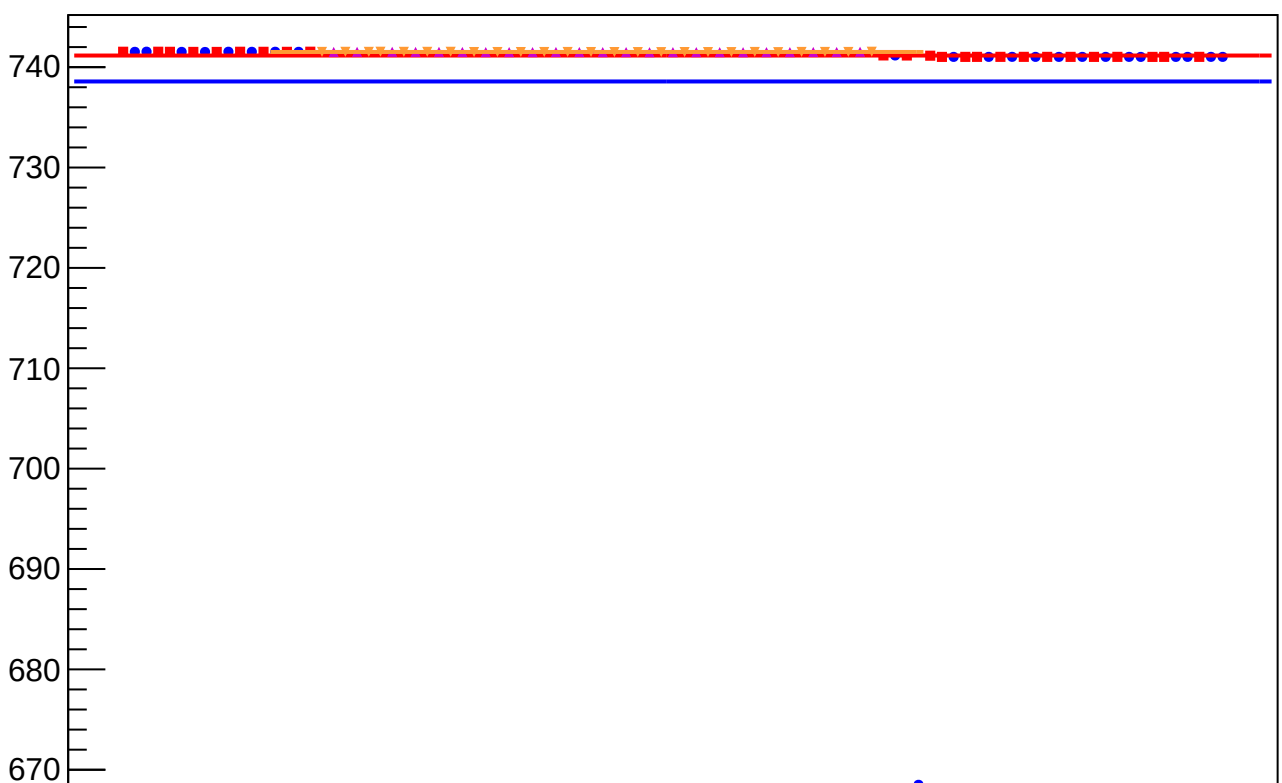
All: 920.529+/-0.000 χ^2/NDF: 63627742671

Right Out: 922.274+/-0.000 χ^2/NDF: 120303603617191330821995965765197496 32.0/23

- sign 919.208+/-0.000 χ^2/NDF: 367208633770507

Left In: 916.890+/-0.000 χ^2/NDF:246678949174762312502869443888881336 32.0/22

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 738.575+/-0.000 χ^2/NDF: 259695827327483166432240915441516544.0/22

Left Out: 741.513+/-0.000 χ^2/NDF:244782737401533731539808944128.0/24

Right Out: 741.159+/-0.000 χ^2/NDF: 589439316322530036287678751703 04.0/23

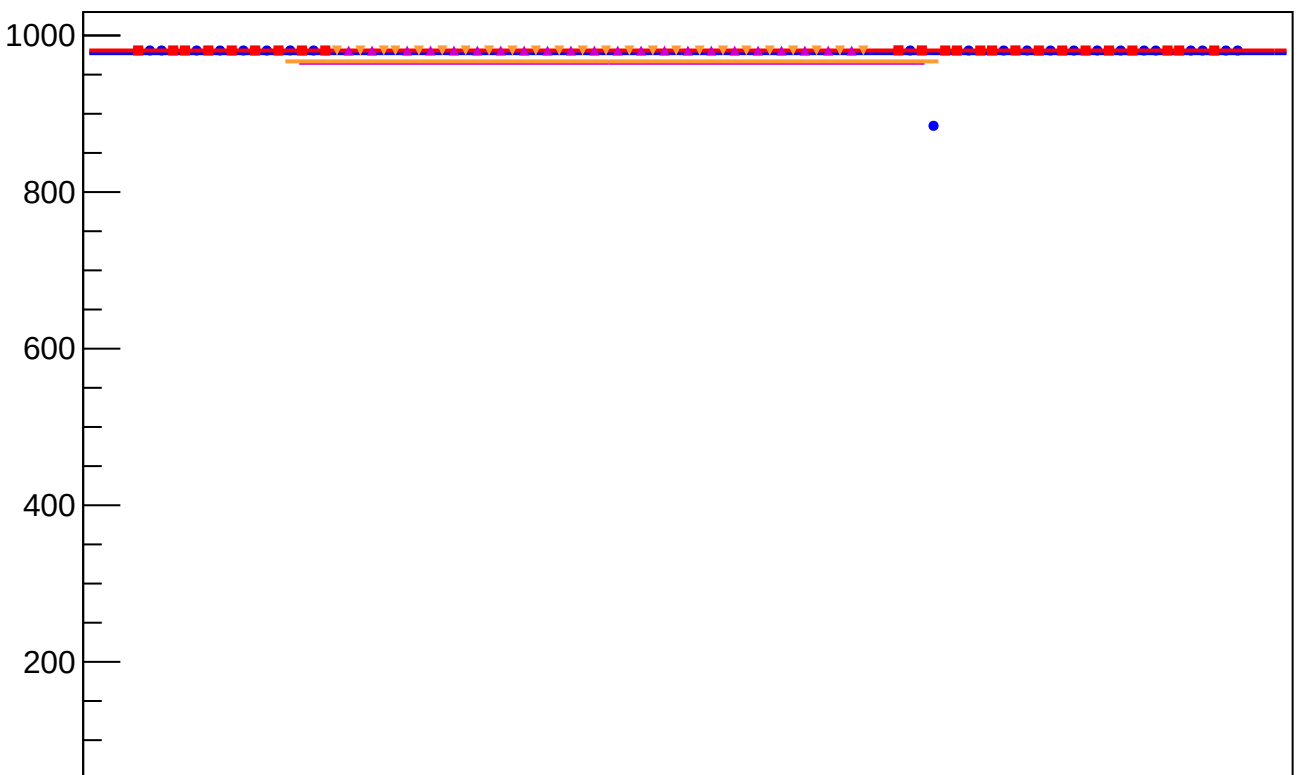
Left In: 741.512+/-0.000 χ^2/NDF:215375309108434607405602439168.0/22

+ sign 740.250+/-0.000 χ^2/NDF: 266780469531185

All: 740.791+/-0.000 χ^2/NDF: 268945675662

- sign 741.360+/-0.000 χ^2/NDF: 156656664443038

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

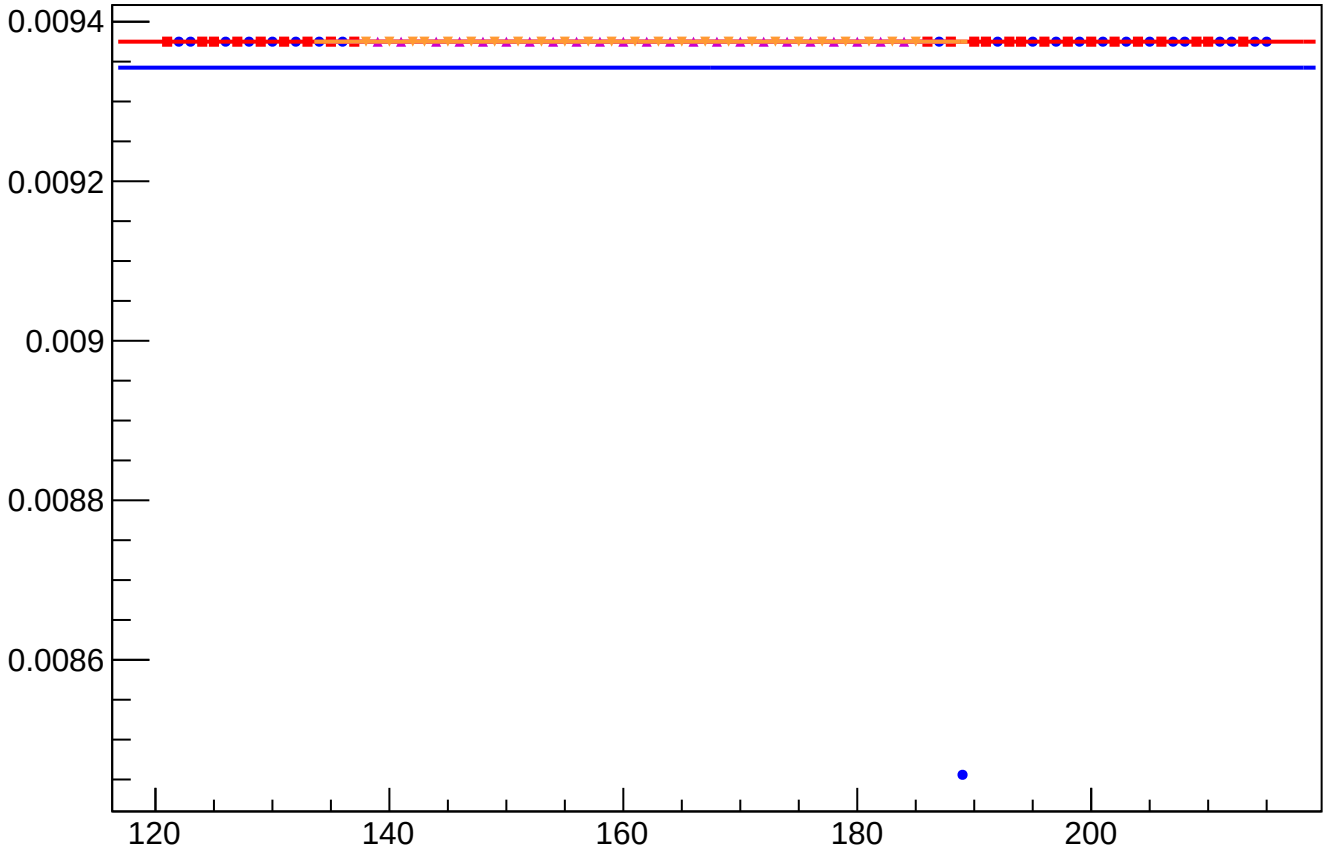
All: 971.646+/-0.000 χ^2/NDF: 535536473250

Right Out: 980.817+/-0.000 χ^2/NDF: 350171107417167520776232475033 6.0/23

- sign 971.870+/-0.000 χ^2/NDF: 275229427410621

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: 0.1/23

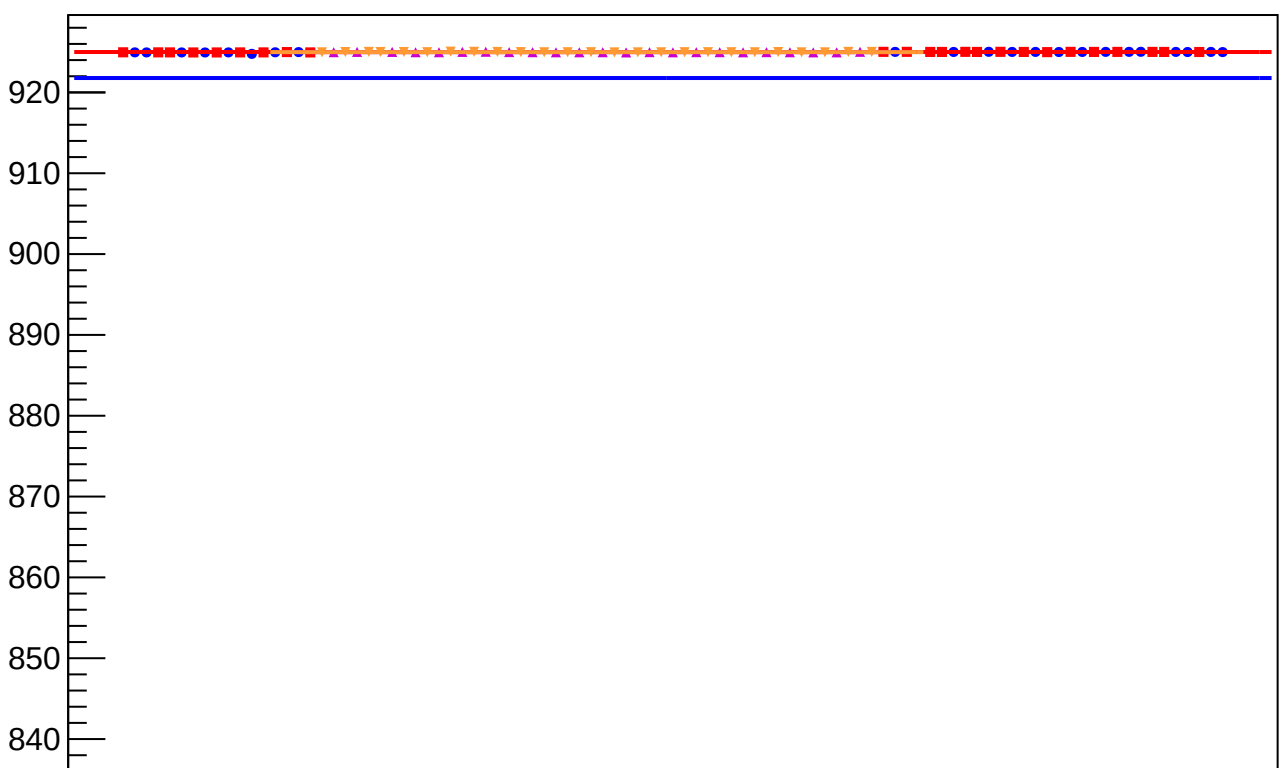
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 42427543669750969

All: 0.009+/-0.000 χ^2/NDF: 4274715186131

- sign 0.009+/-0.000 χ^2/NDF: 0.2/46

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: 8872993574477416808443512094720.0/23

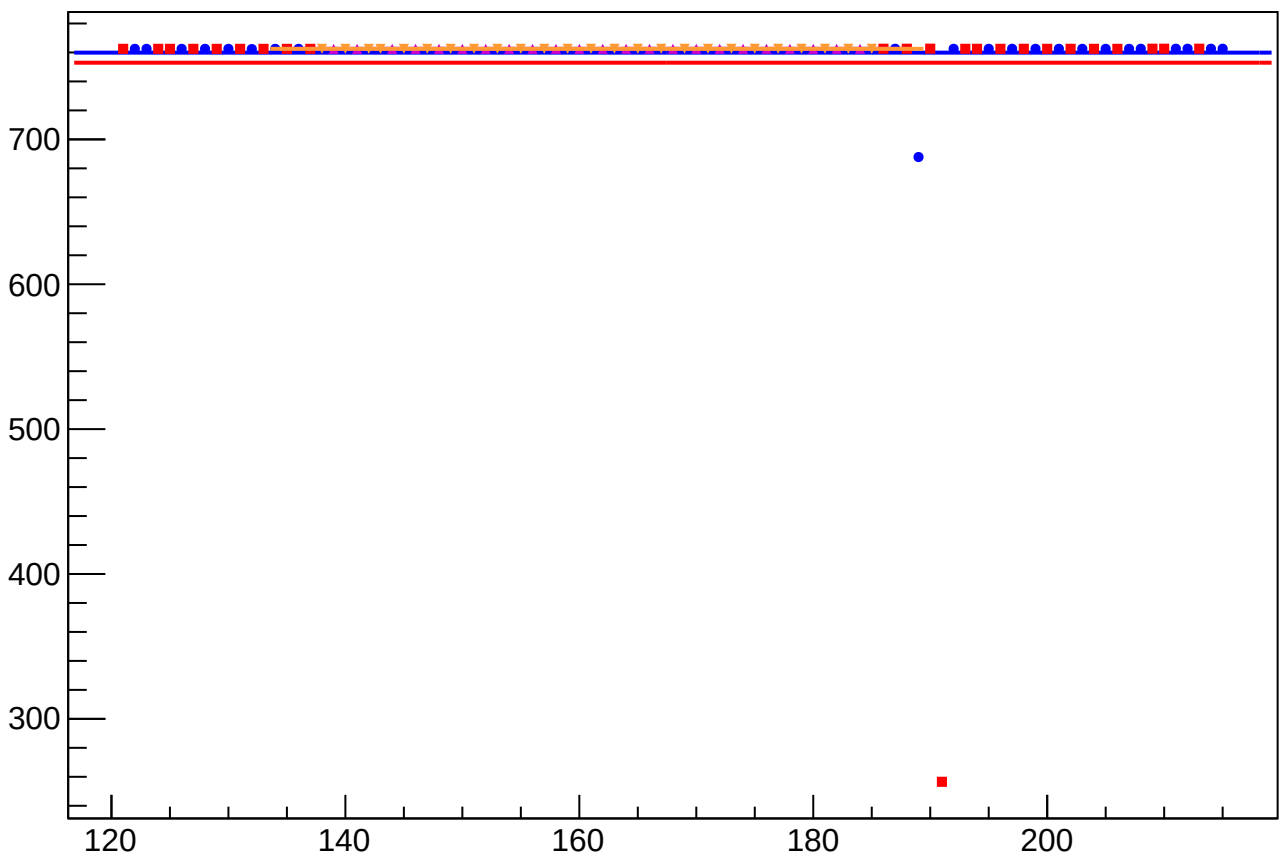
Left In: 924.983+/-0.000 χ^2/NDF:8885392243215349607922128650240.0/22

+ sign 923.607+/-0.000 χ^2/NDF: 412679731748591

All: 924.281+/-0.000 χ^2/NDF: 415800373722

- sign 924.990+/-0.000 χ^2/NDF: 196775081354975

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 759.880+/-0.000 χ^2/NDF: 27462497833705313341519484795486208 0.0/22

+ sign 761.385+/-0.000 χ^2/NDF: 280336788860486

Left Out: 762.518+/-0.000 χ^2/NDF:731741258759628909874415403008.0/24

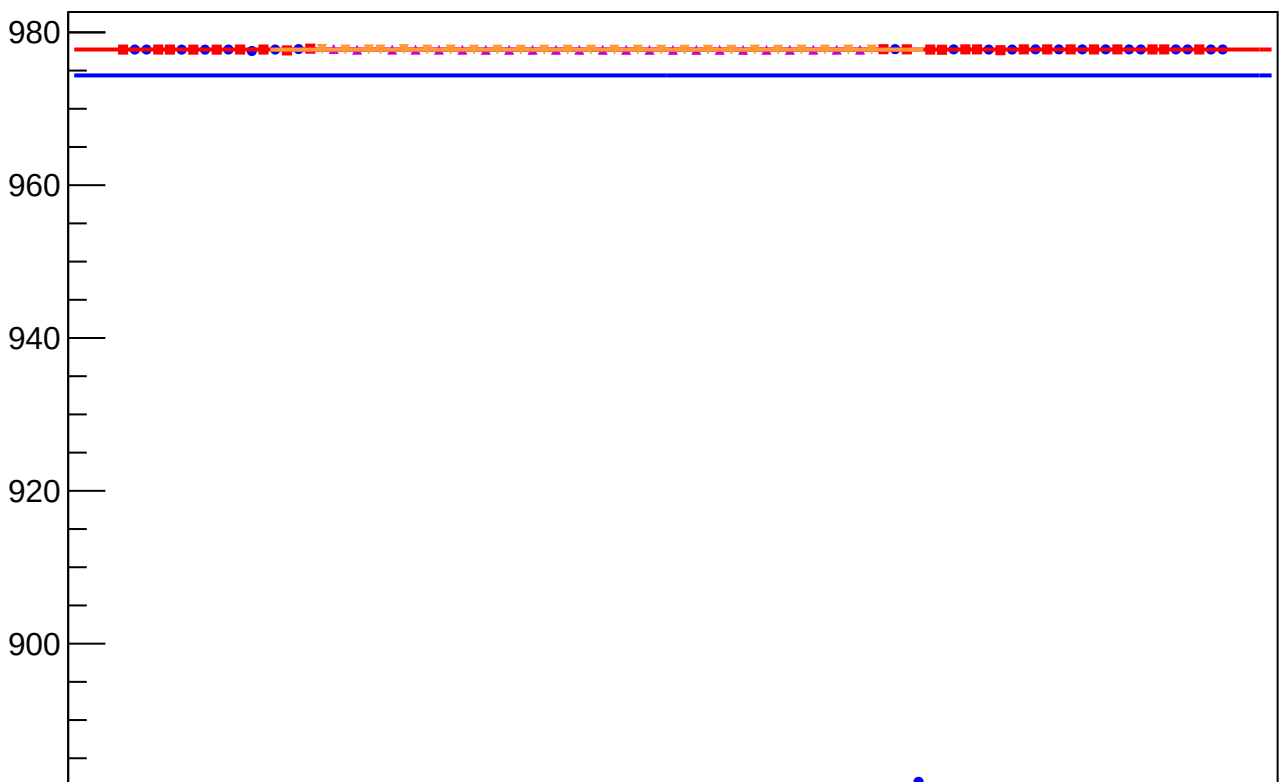
All: 759.926+/-0.000 χ^2/NDF: 68968451459

Right Out: 752.933+/-0.000 χ^2/NDF: 65302155358640482434983077681614028 80.0/23

- sign 758.391+/-0.000 χ^2/NDF: 660188276226511

Left In: 762.519+/-0.000 χ^2/NDF:62905835541921440815529748070 4.0/22

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 974.364+/-0.000 χ^2/NDF: 45185491990513727992971905471820595 2.0/22

+ sign 976.288+/-0.000 χ^2/NDF: 461199144611459

Left Out: 977.738+/-0.000 χ^2/NDF:1154150409979077132991401558016.0/24

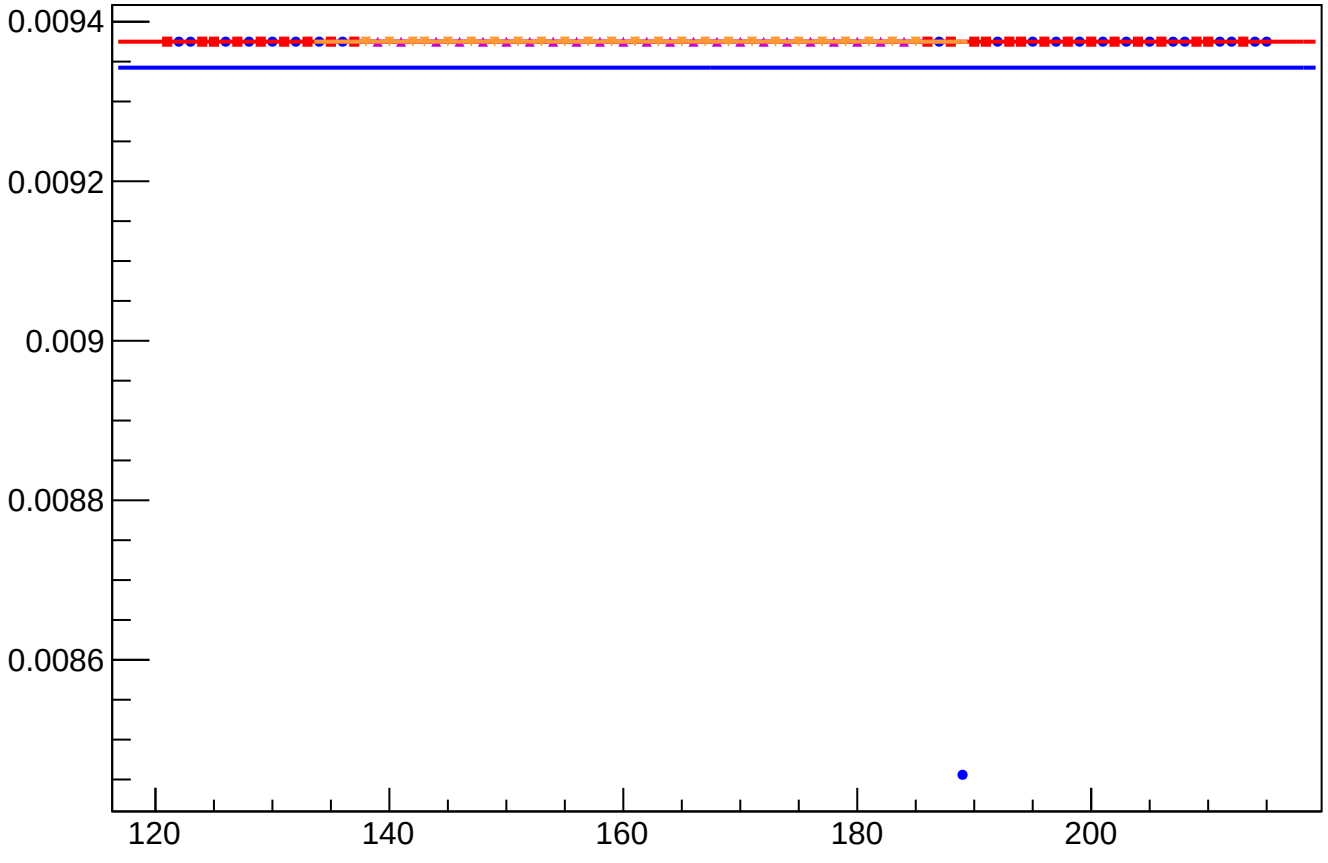
All: 976.997+/-0.000 χ^2/NDF: 464661881061

Right Out: 977.756+/-0.000 χ^2/NDF: 185037103599291776814977699020 8.0/23

- sign 977.744+/-0.000 χ^2/NDF: 319299445875132

Left In: 977.735+/-0.000 χ^2/NDF:976503887937607318263199432704.0/22

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: 0.1/23

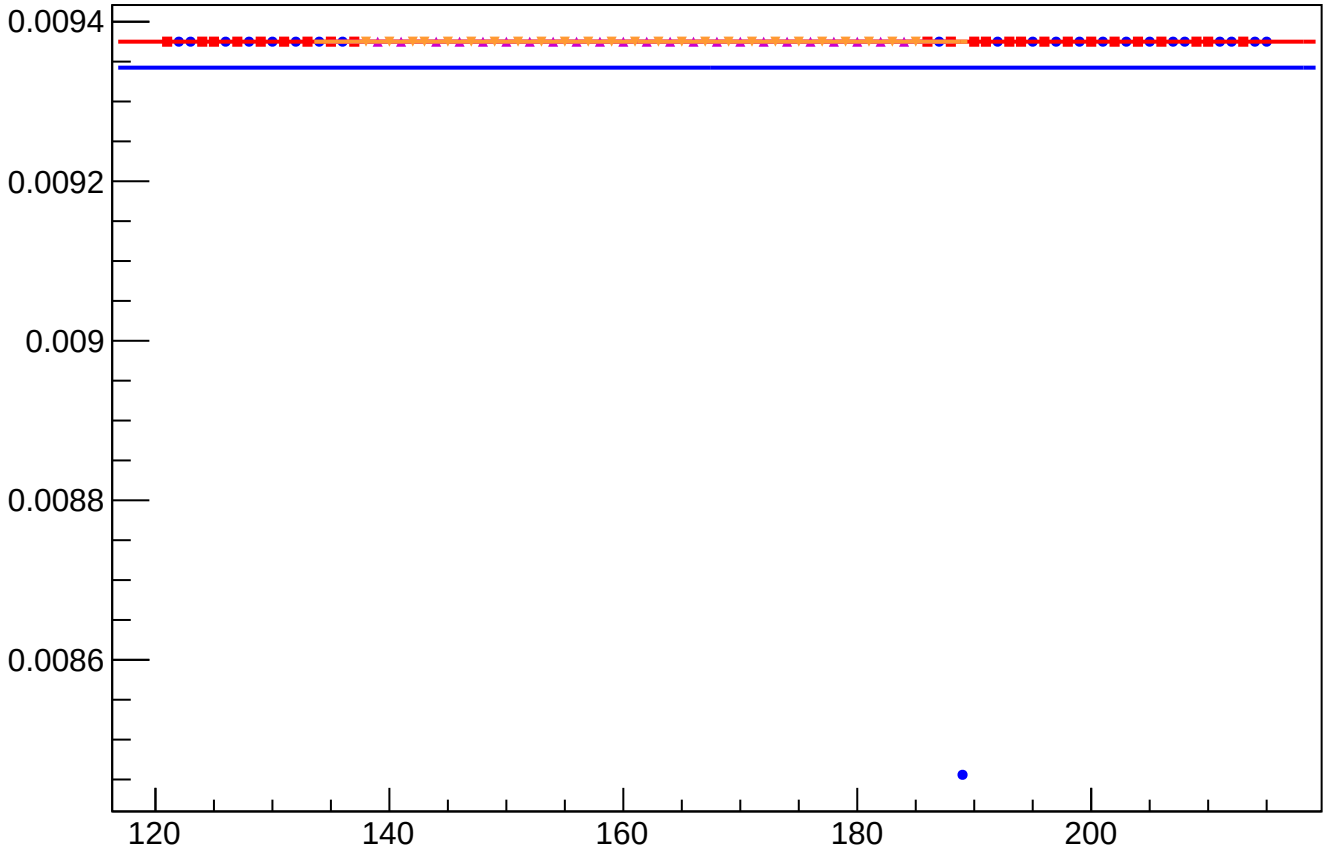
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 42427543669750969

All: 0.009+/-0.000 χ^2/NDF: 4274715186131

- sign 0.009+/-0.000 χ^2/NDF: 0.2/46

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: 0.1/23

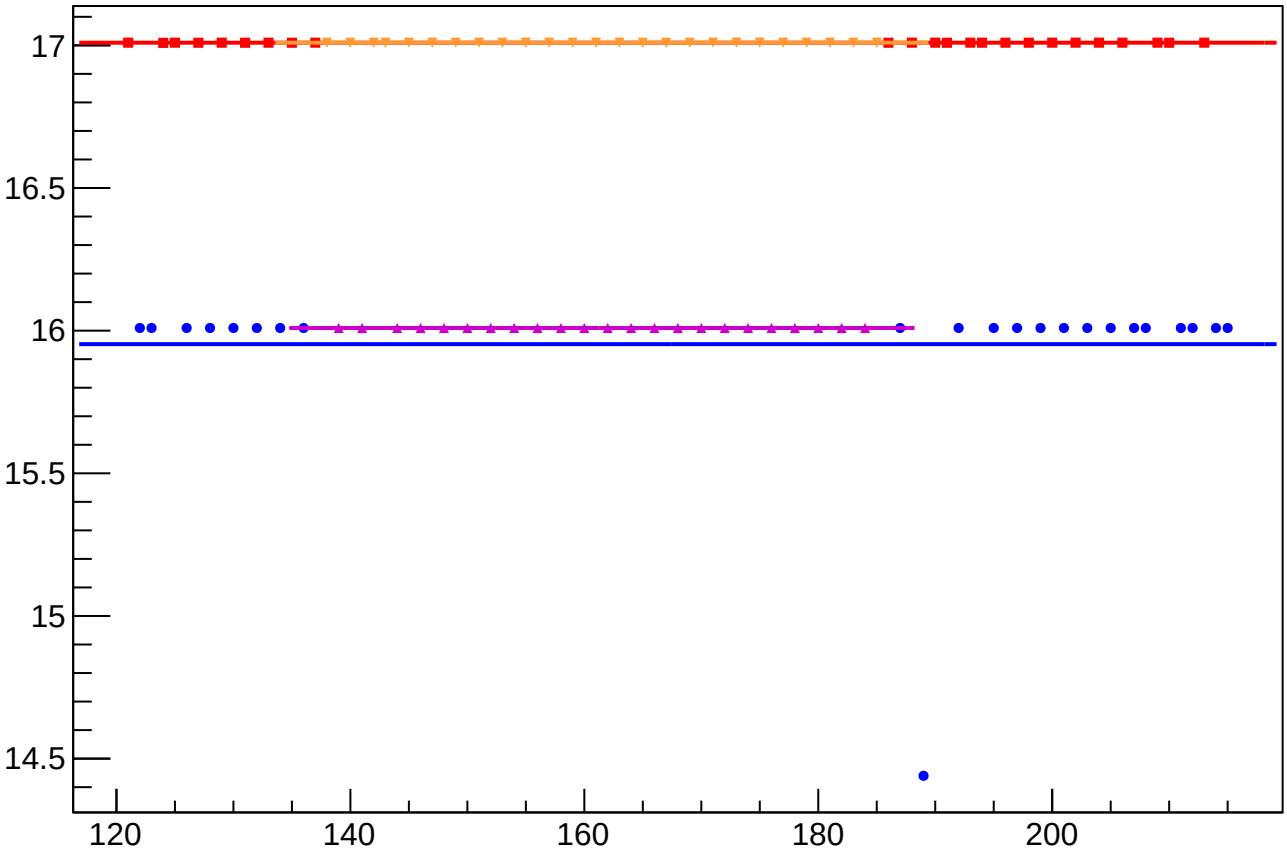
Left In: 0.009+/-0.000 χ^2/NDF:0.1/22

+ sign 0.009+/-0.000 χ^2/NDF: 42427543669750969

All: 0.009+/-0.000 χ^2/NDF: 4274715186131

- sign 0.009+/-0.000 χ^2/NDF: 0.2/46

IGL1I00DI24_24M_mean vs Slug



Right In: 15.953+/-0.000 χ^2/NDF: 12110138004370610153311796671283 2.0/22

Left Out: 17.009+/-0.000 χ^2/NDF:26284444608576238643052544.0/24

Right Out: 17.009+/-0.000 χ^2/NDF: 17249027800232680683995136.0/23

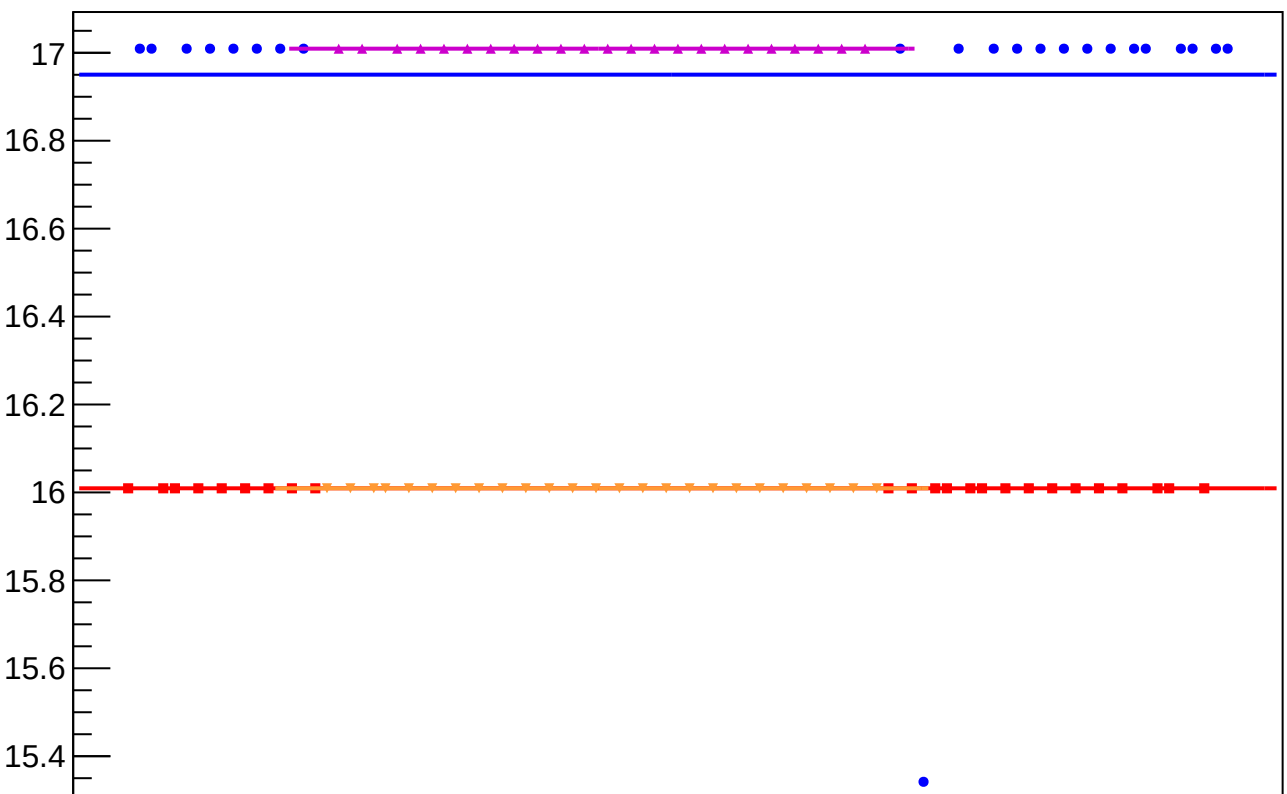
Left In: 16.009+/-0.000 χ^2/NDF:12797317451275667767 2960.0/22

+ sign 16.541+/-0.000 χ^2/NDF: 9993175168436998

All: 16.499+/-0.000 χ^2/NDF: 176099317391 5

- sign 16.455+/-0.000 χ^2/NDF: 7502248571451404

IGL1I00OD16_16_mean vs Slug



Right In: 16.950+/-0.000 χ^2/NDF: 13679528070016438027969202487296O.0/22

Left Out: 16.009+/-0.000 χ^2/NDF:89740.8/24

Right Out: 16.009+/-0.000 χ^2/NDF: 249242.2/23

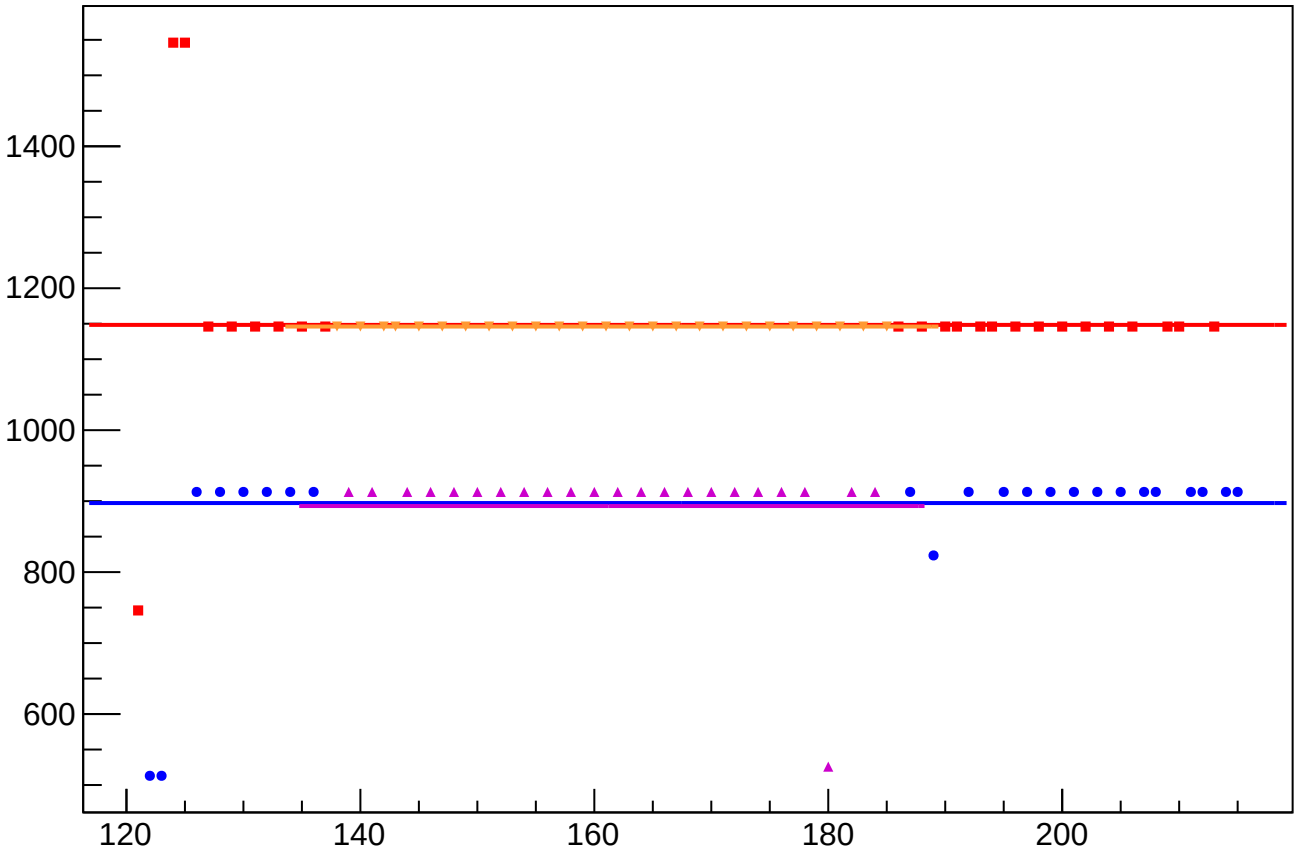
Left In: 17.009+/-0.000 χ^2/NDF:1150334726334456549867520/22

+ sign 16.417+/-0.000 χ^2/NDF: 8593811861620605

All: 16.492+/-0.000 χ^2/NDF: 167012009929

- sign 16.573+/-0.000 χ^2/NDF: 7714959942181707

RTPAPOSUCNT_mean vs Slug



Right In: 897.313+/-0.000 χ^2/NDF: 725481781183816379998575124805163417 6.0/22

+ sign 1039.150+/-0.000 χ^2/NDF: 5801524358470

Left Out: 1146.011+/-0.000 χ^2/NDF:804176097686145051923788595 2.0/24

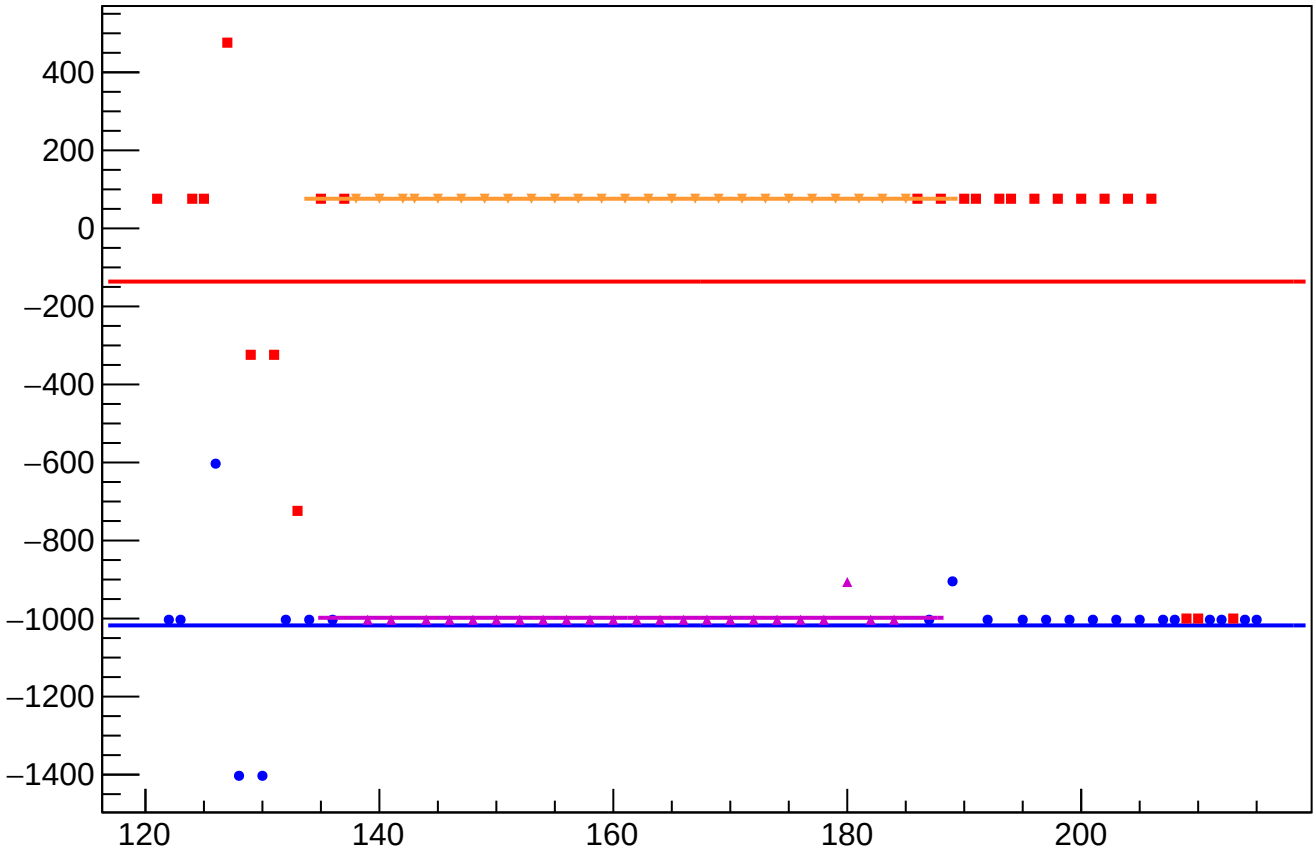
All: 1021.559+/-0.000 χ^2/NDF: 137924062 76

Right Out: 1148.345+/-0.000 χ^2/NDF: 137531936848915750412477883270383534 08.0/23

- sign 1003.039+/-0.000 χ^2/NDF: 77781412330136

Left In: 893.116+/-0.000 χ^2/NDF:132198267617079829742126619872083312 64.0/22

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

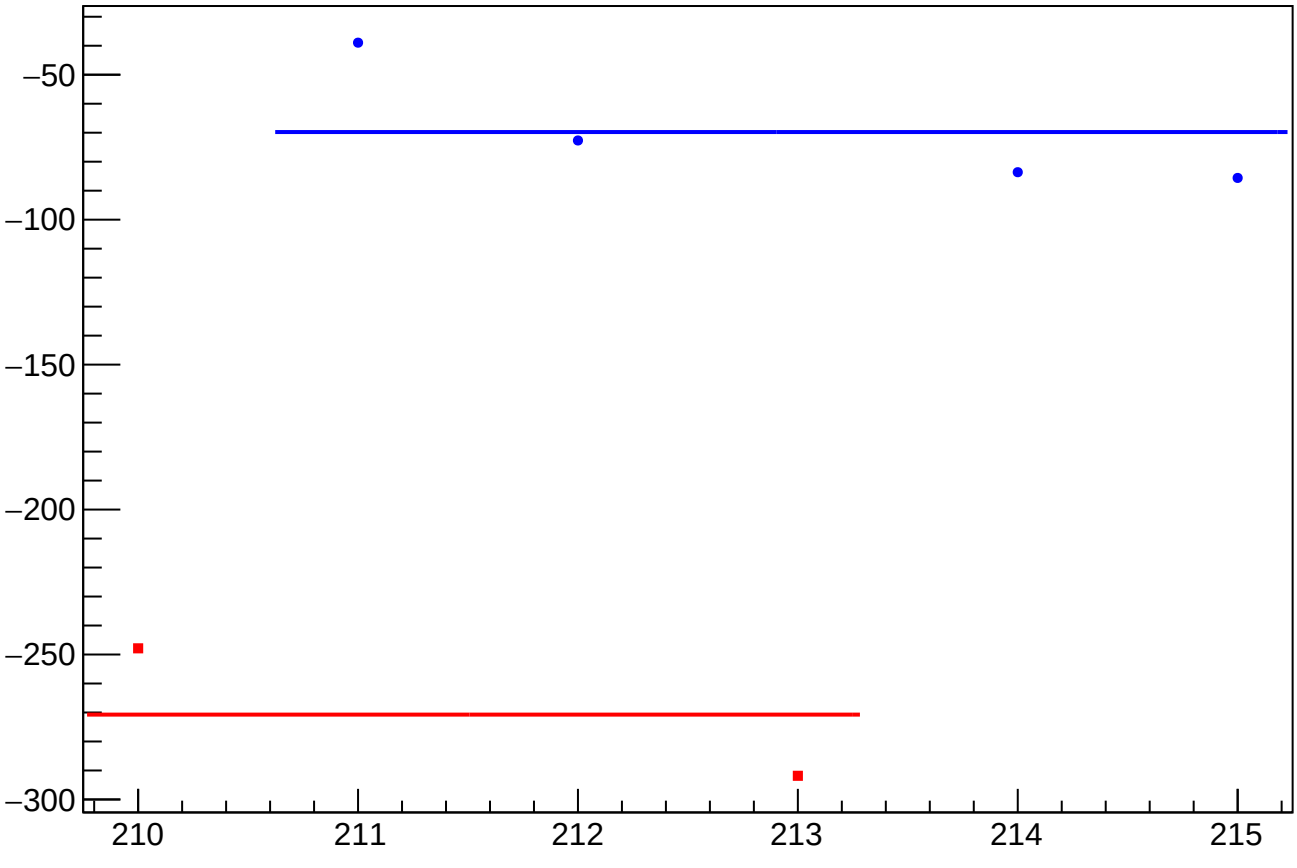
Left Out: 76.011+/-0.000 χ^2/NDF:1100326362495713412083666124 8.0/24

All: -507.394+/-0.000 χ^2/NDF: 1919189777

Right Out: -136.324+/-0.000 χ^2/NDF: 24576953523422107435128322954531910451 2.0/23

- sign -626.903+/-0.000 χ^2/NDF: 82573551689557

Left In: -998.020+/-0.000 χ^2/NDF:826231736084035689068445378231140352.0/22



Right In: -69.774+/-0.000 χ^2/NDF: 10586408868319556875242115463066419 2.0/3

+ sign 0.000+/-0.000 χ^2/NDF: 0.0/0

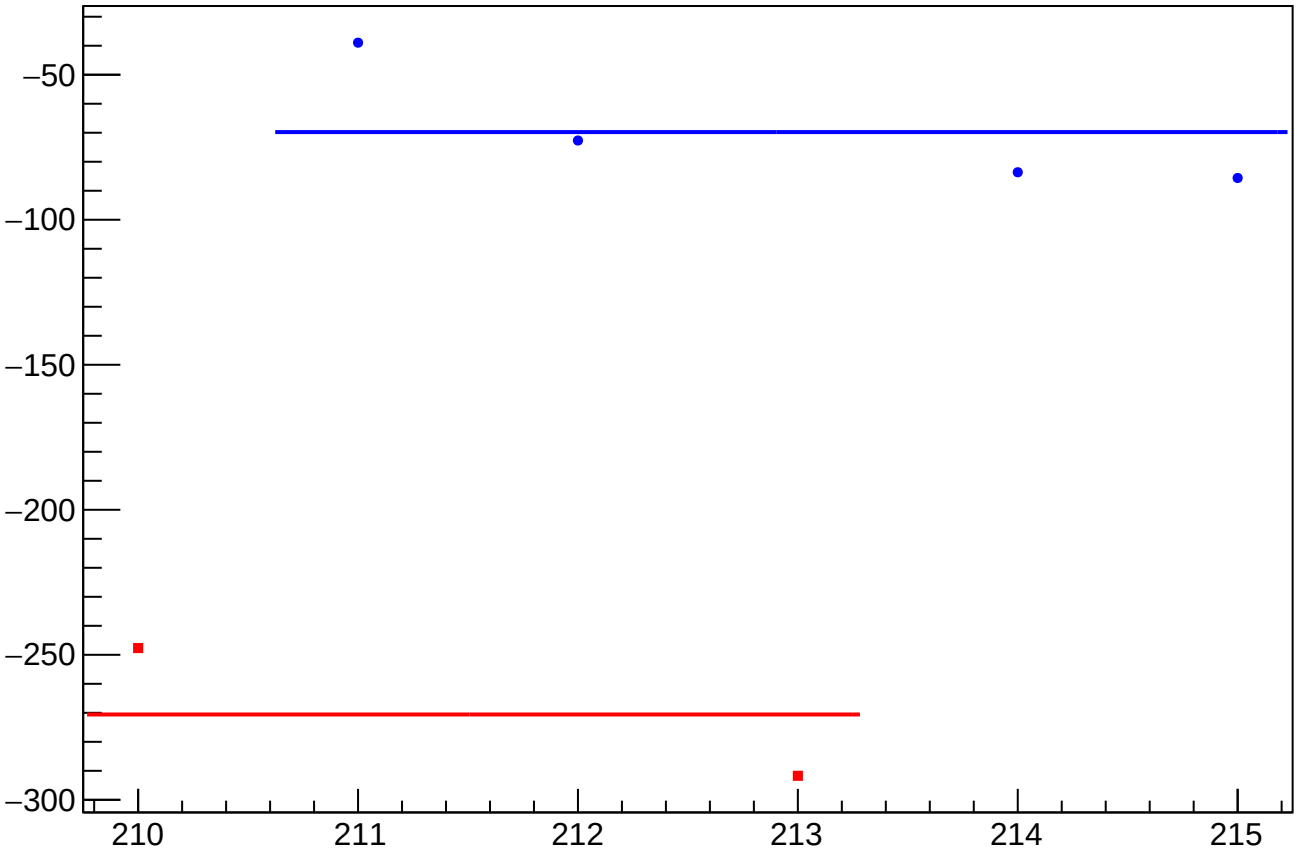
Left Out: 0.000+/-0.000 χ^2/NDF:0.0/0

All: -137.209+/-0.000 χ^2/NDF: 4202980072

Right Out: -270.729+/-0.000 χ^2/NDF: 72391751130083692399004283901575168.0/1

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0



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: -137.157+/-0.000 χ^2/NDF: 4197024792

Right Out: -270.574+/-0.000 χ^2/NDF: 726291798059411941169686200356700 16.0/1

- sign 0.000+/-0.000 χ^2/NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF:0.0/0