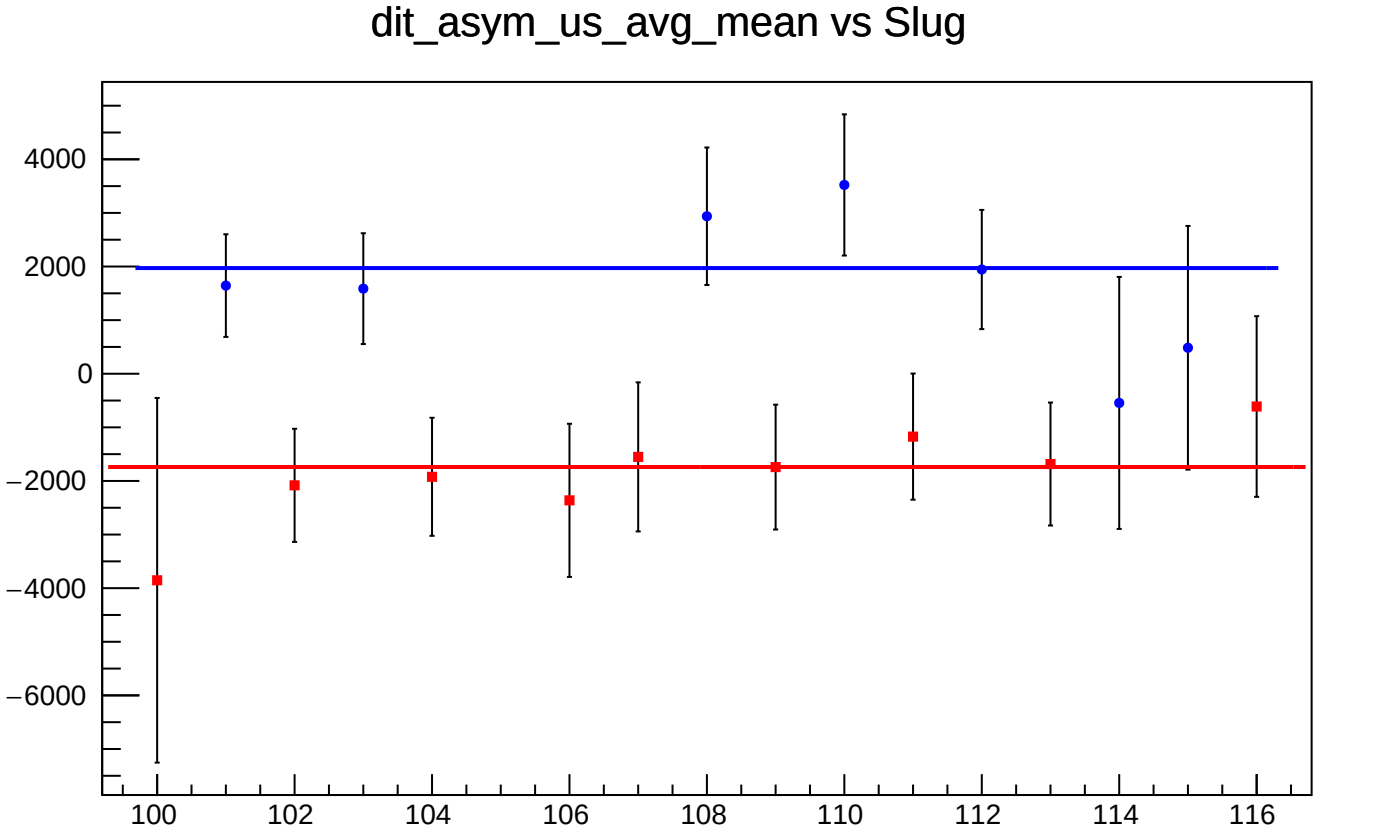



Right In: 1971.390+/-477.003 $\chi^2$/NDF: 3.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1739.812+/-430.757 $\chi^2$/NDF: 1.4/8

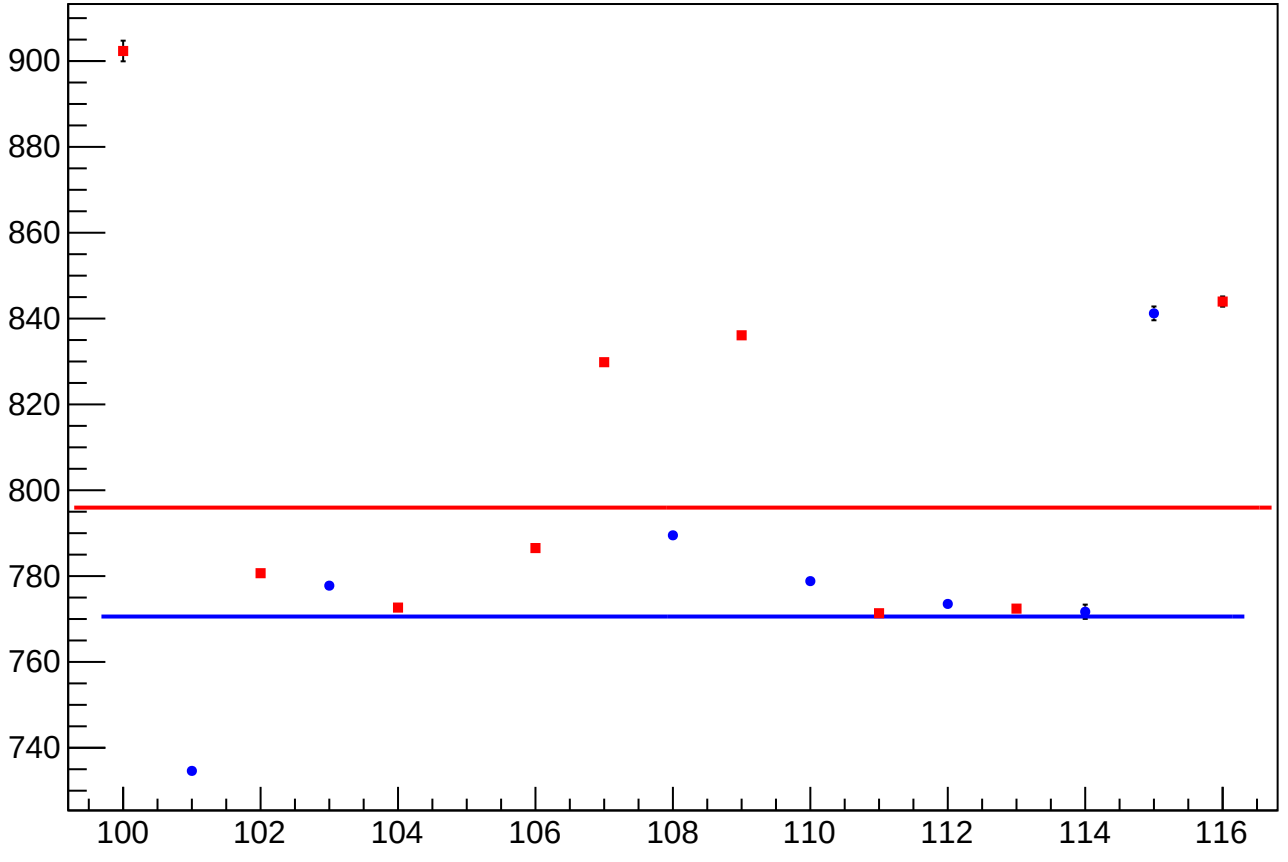
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -72.792+/-319.694 $\chi^2$/NDF: 38.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_us_avg_rms vs Slug




Right In: 770.579+/-0.337 $\chi^2$/NDF: 5379.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 795.957+/-0.305 $\chi^2$/NDF: 10264.3/8

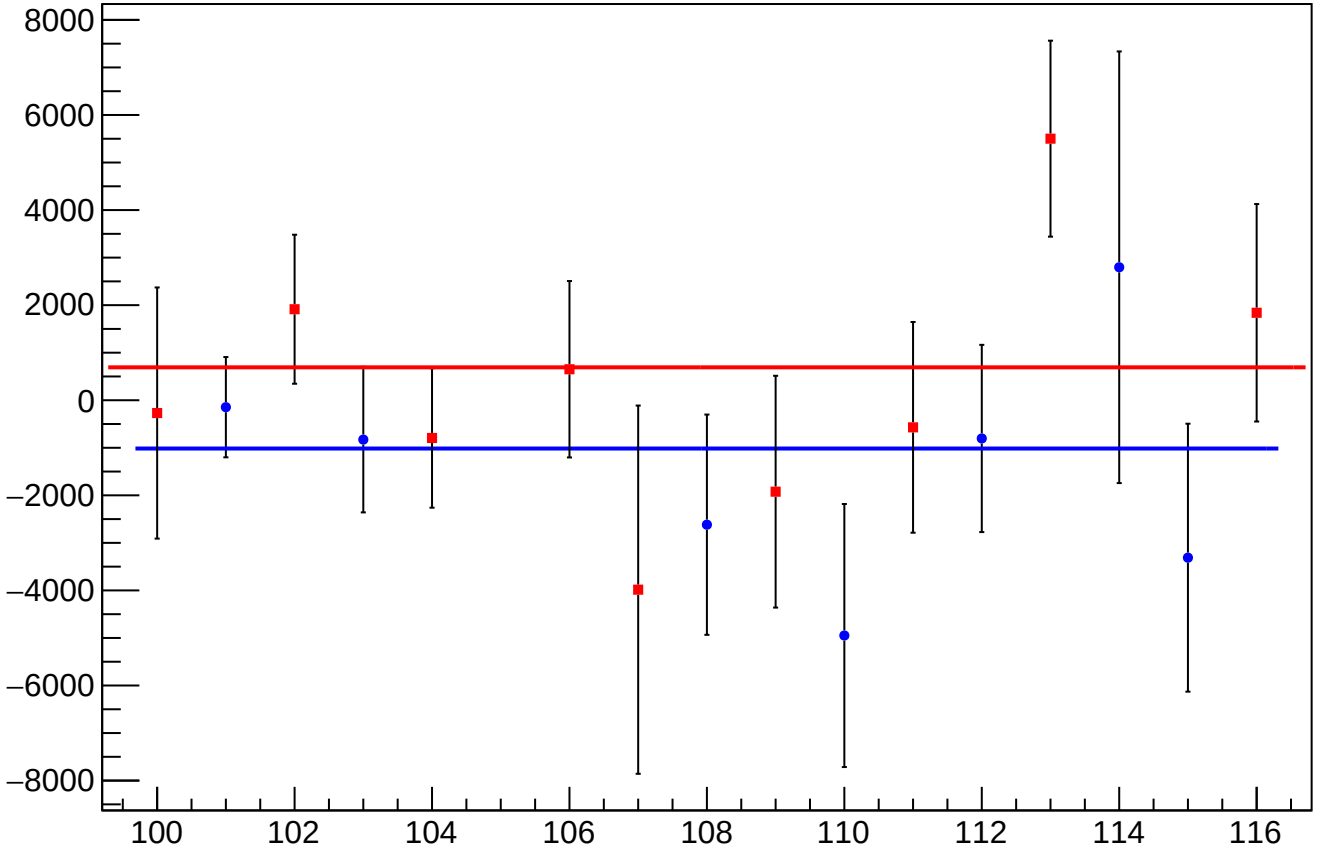
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 784.558+/-0.226 $\chi^2$/NDF: 18761.8/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_us_avg_correction_mean vs Slug




Right In: -1015.705+/-694.202 $\chi^2$/NDF: 4.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 692.090+/-678.674 $\chi^2$/NDF: 10.4/8

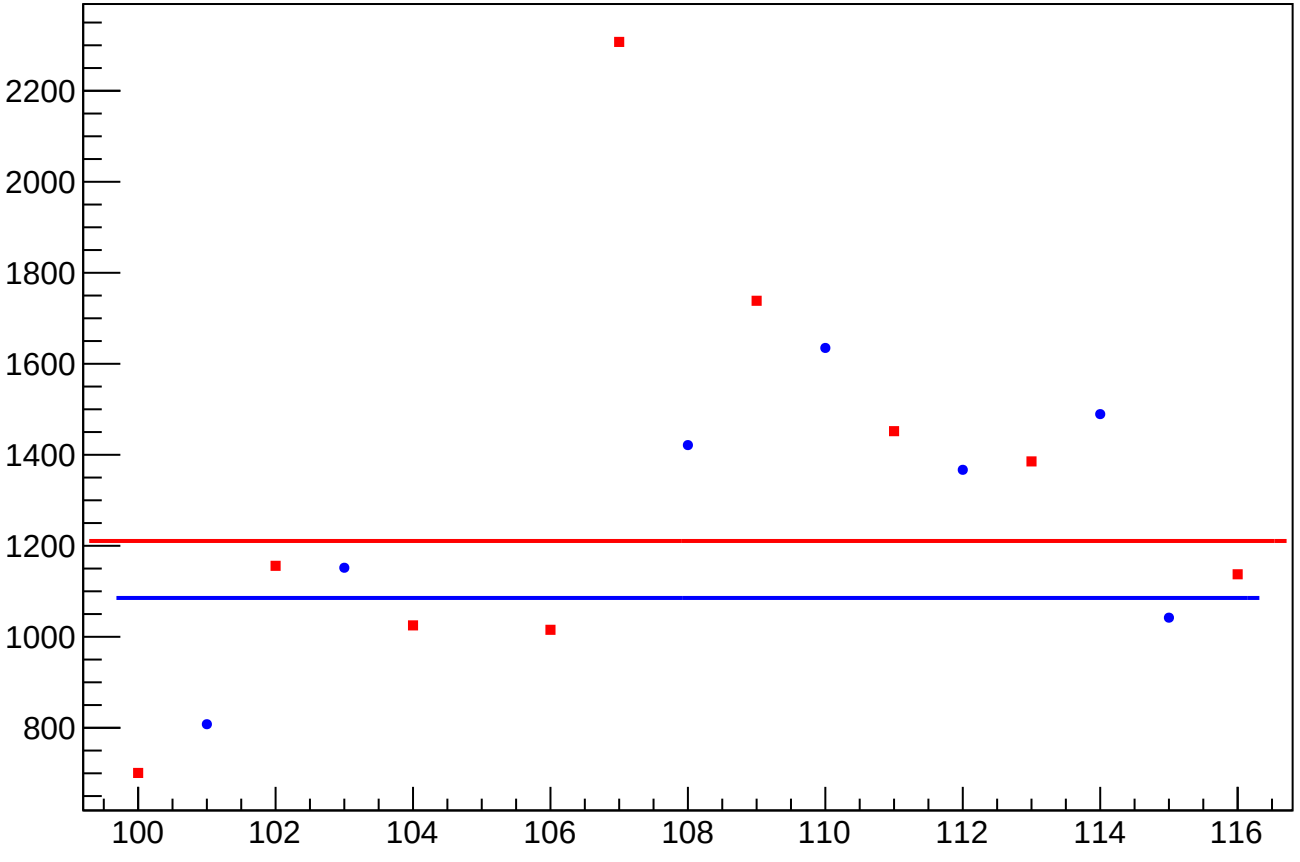
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -142.493+/-485.292 $\chi^2$/NDF: 18.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_us_avg_correction_rms vs Slug




Right In: 1085.389+/-0.491 $\chi^2$/NDF: 320413.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

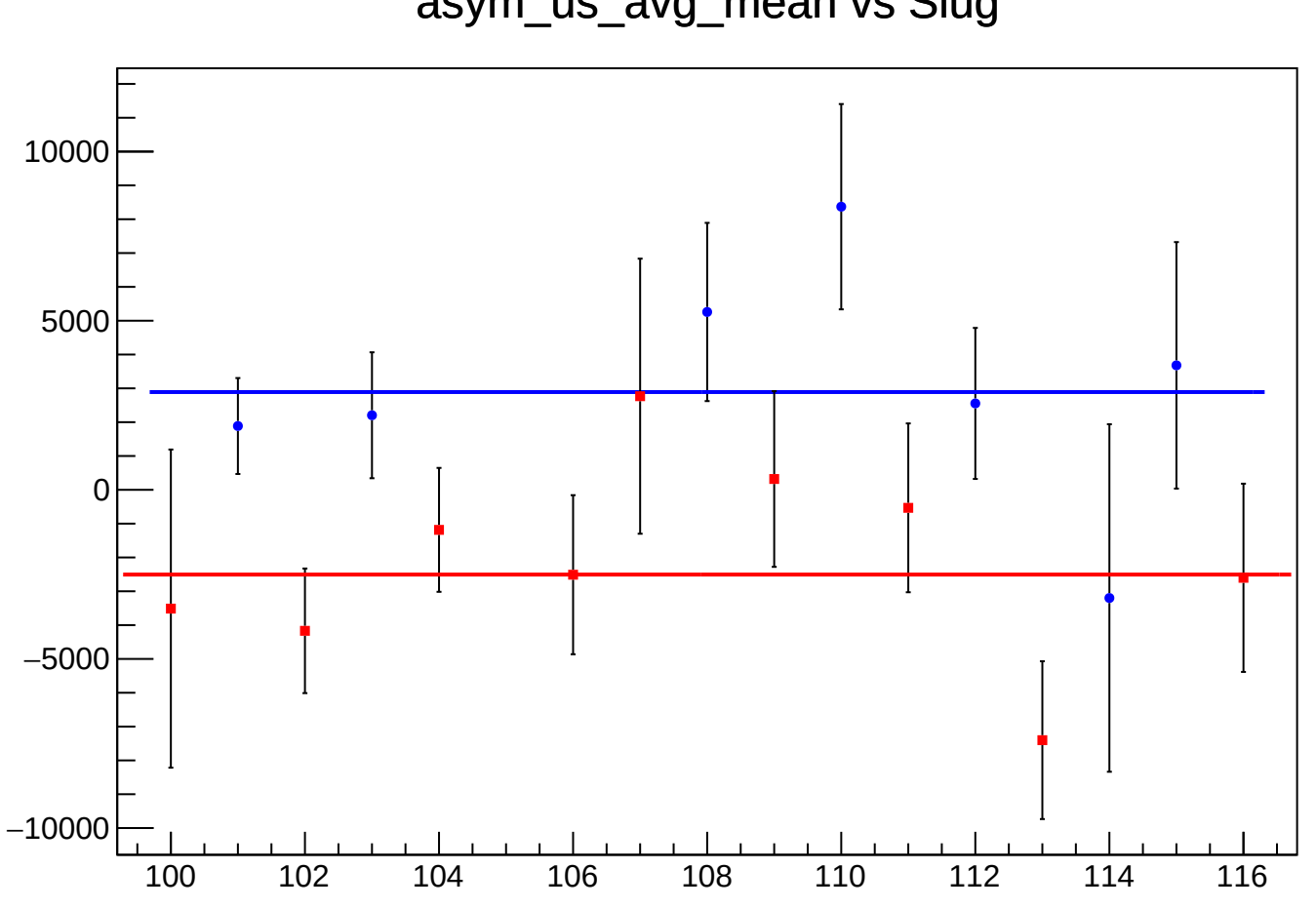
Right Out: 1210.617+/-0.480 $\chi^2$/NDF: 425443.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1149.420+/-0.343 $\chi^2$/NDF: 779134.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 2890.583+/-860.007 $\chi^2$/NDF: 6.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2506.022+/-816.268 $\chi^2$/NDF: 9.3/8

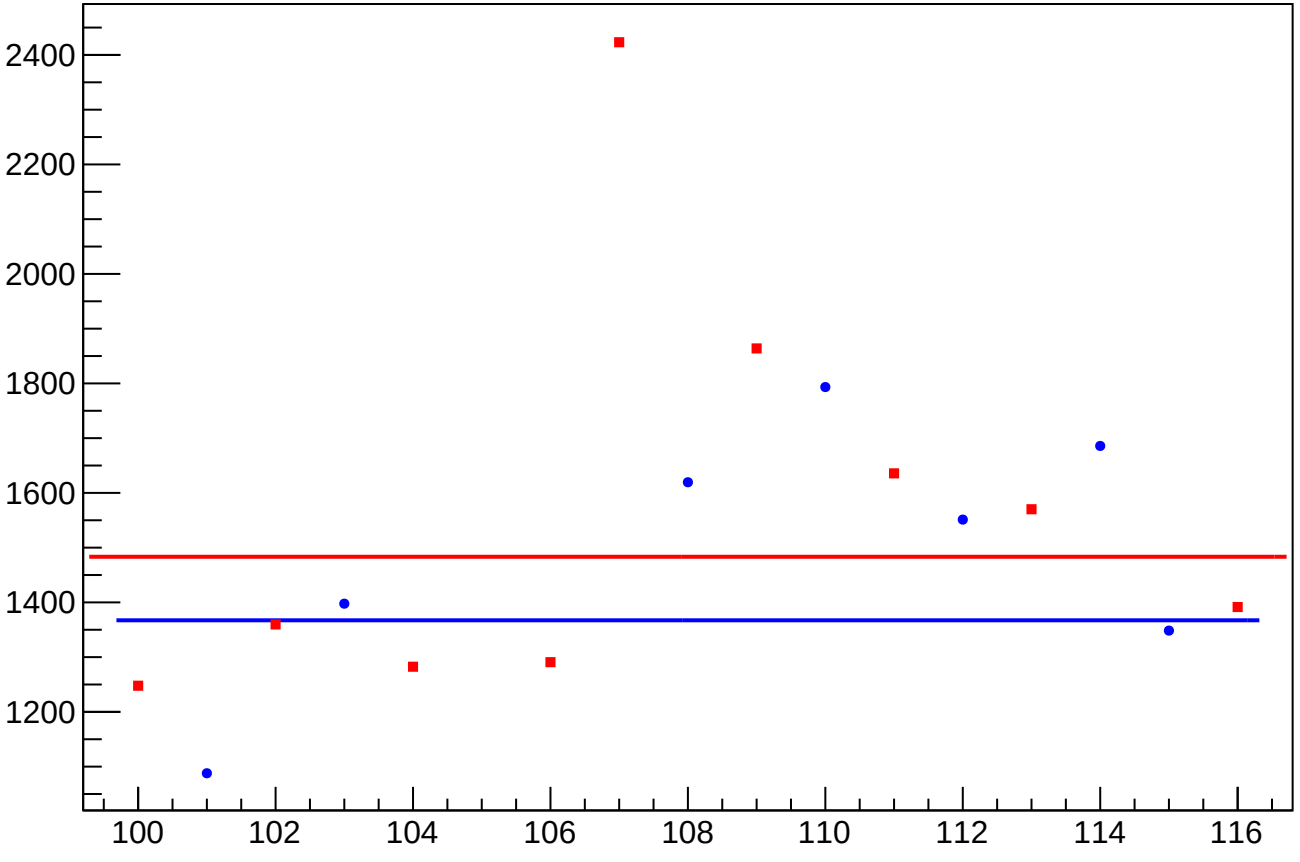
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 51.562+/-592.047 $\chi^2$/NDF: 36.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_us_avg_rms vs Slug




Right In: 1367.284+/-0.608 $\chi^2$/NDF: 157195.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1483.355+/-0.577 $\chi^2$/NDF: 213642.8/8

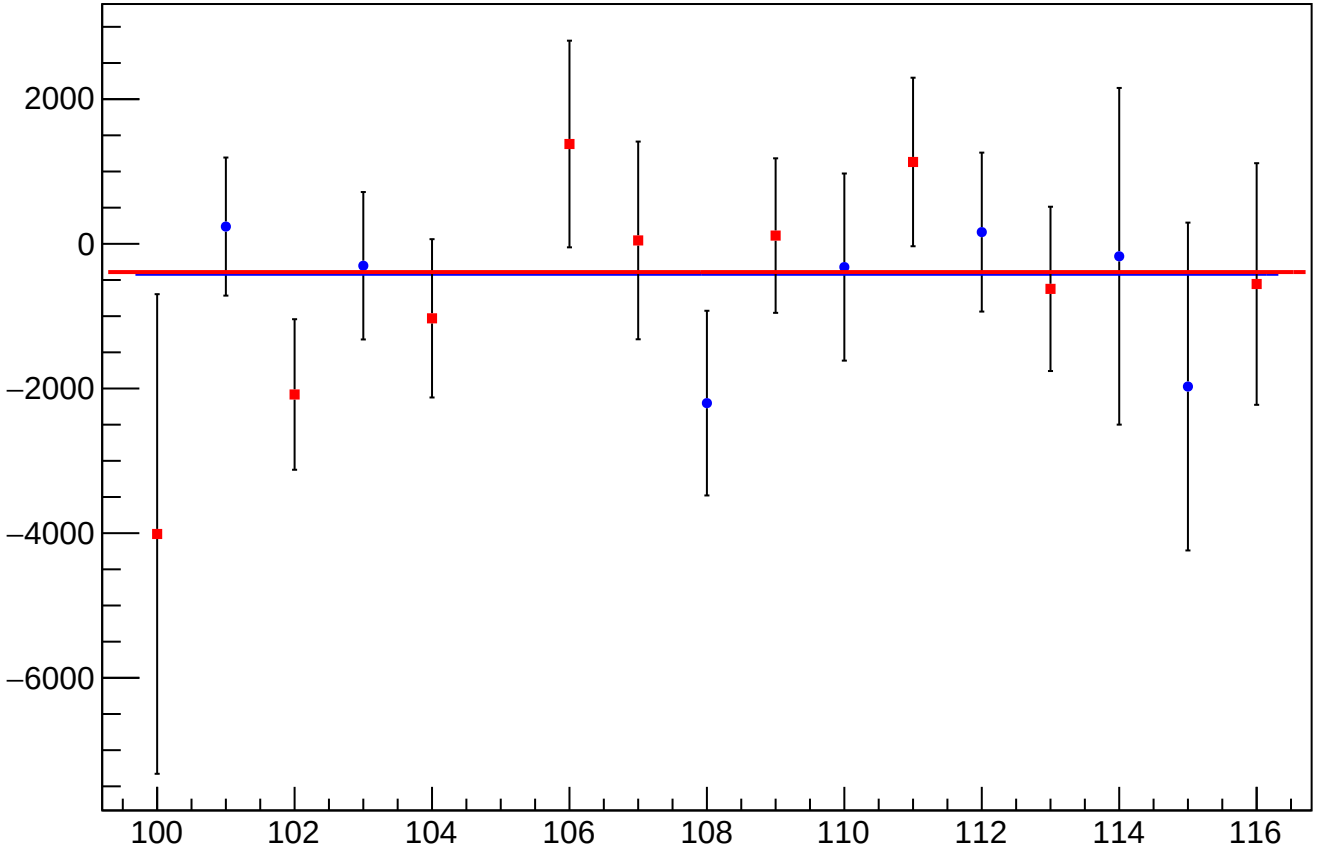
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1428.346+/-0.419 $\chi^2$/NDF: 390003.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_us_dd_mean vs Slug




Right In: -413.959+/-472.485 $\chi^2$/NDF: 3.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -390.344+/-421.765 $\chi^2$/NDF: 7.8/8

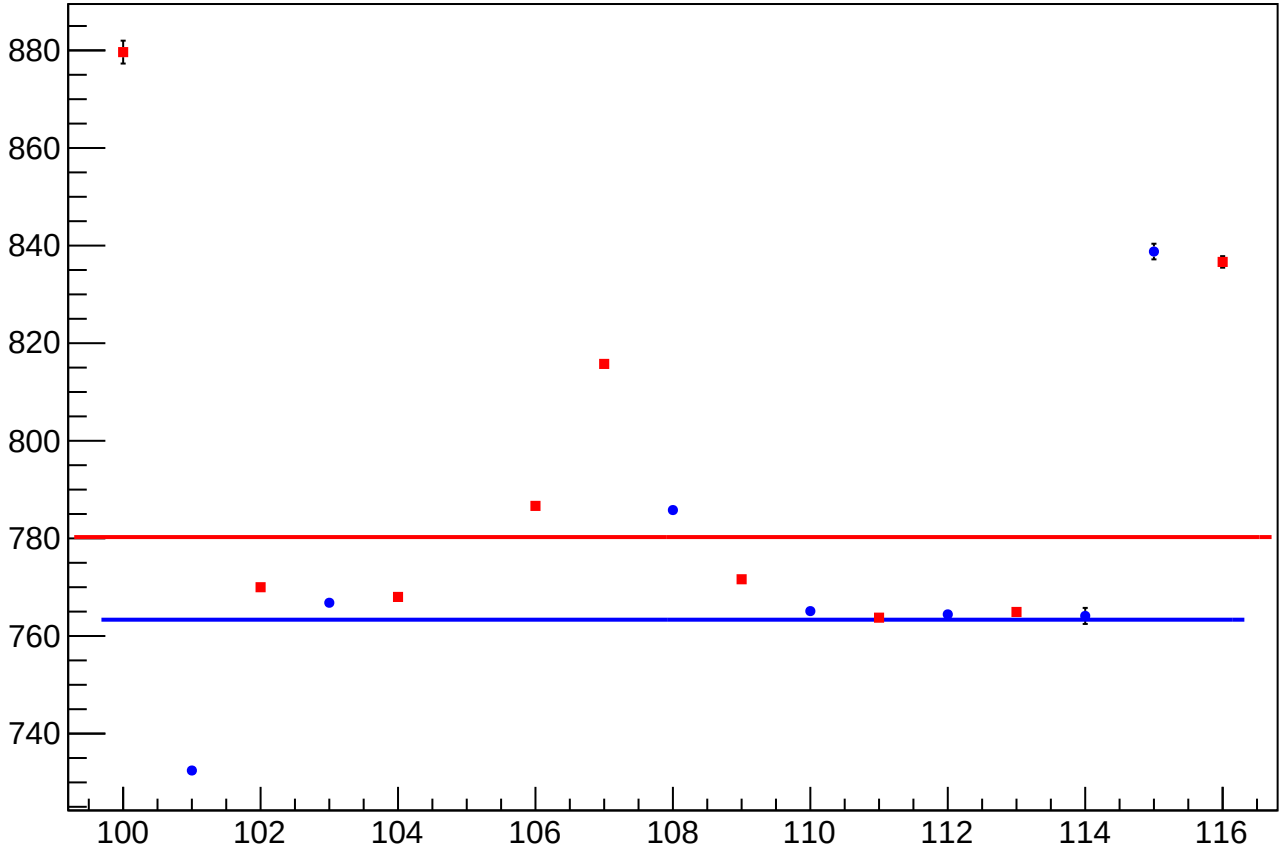
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -400.816+/-314.642 $\chi^2$/NDF: 11.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_us_dd_rms vs Slug




Right In: 763.341+/-0.334 $\chi^2$/NDF: 4961.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 780.272+/-0.298 $\chi^2$/NDF: 6808.2/8

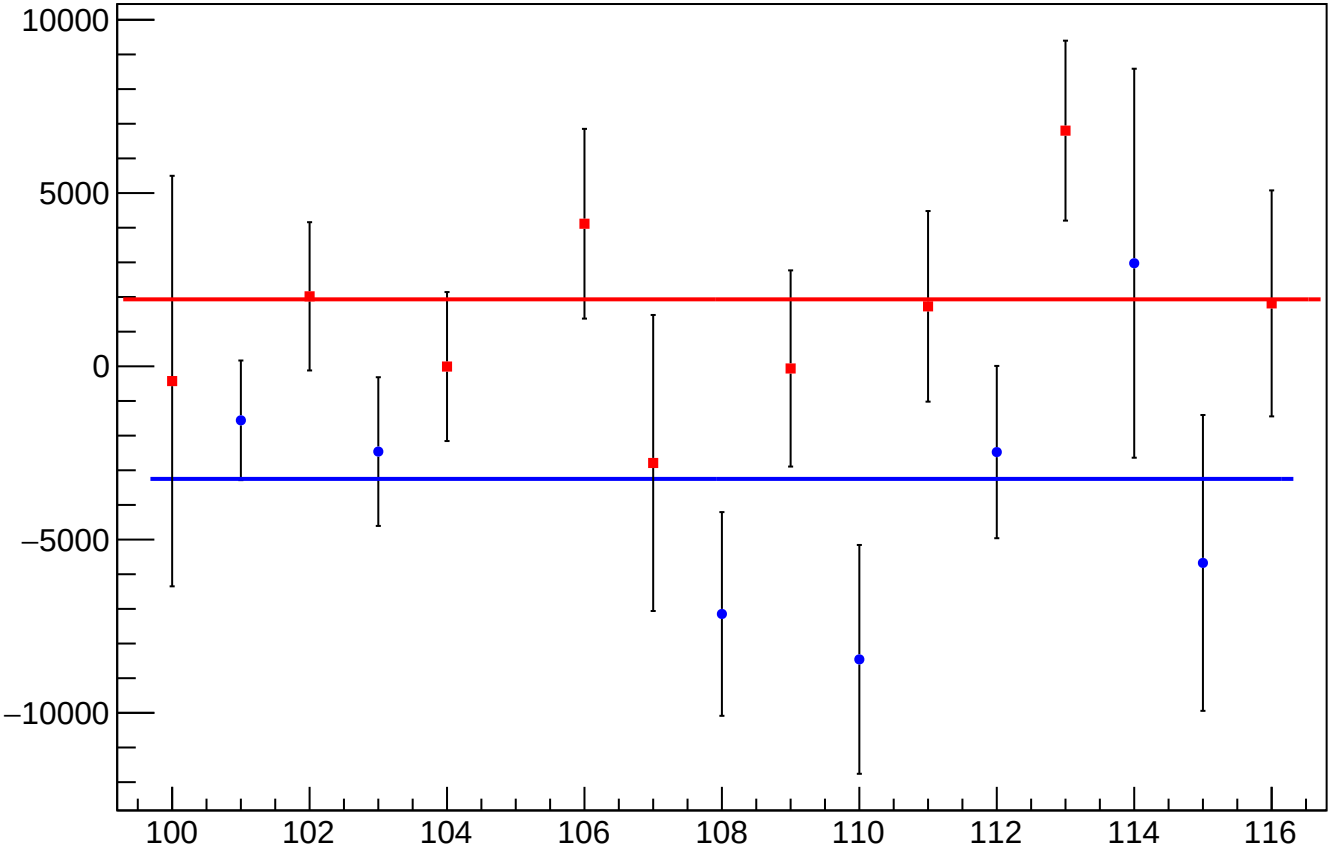
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 772.764+/-0.222 $\chi^2$/NDF: 13198.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_us_dd_correction_mean vs Slug




Right In: -3248.925+/-995.624 $\chi^2$/NDF: 7.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1932.855+/-932.104 $\chi^2$/NDF: 6.9/8

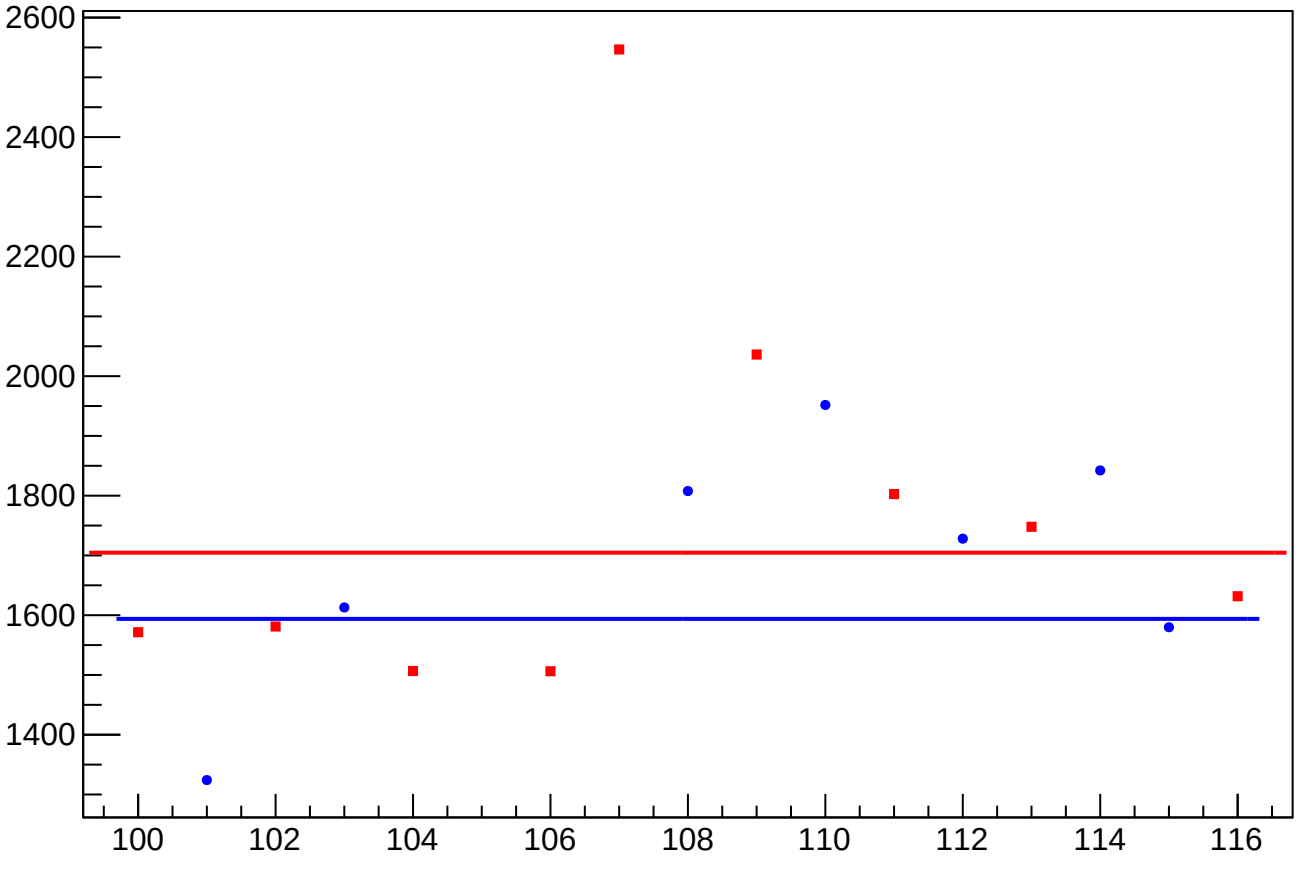
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -487.476+/-680.446 $\chi^2$/NDF: 28.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_us_dd_correction_rms vs Slug




Right In: 1593.854+/-0.704 $\chi^2$/NDF: 92856.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1704.593+/-0.659 $\chi^2$/NDF: 144405.5/8

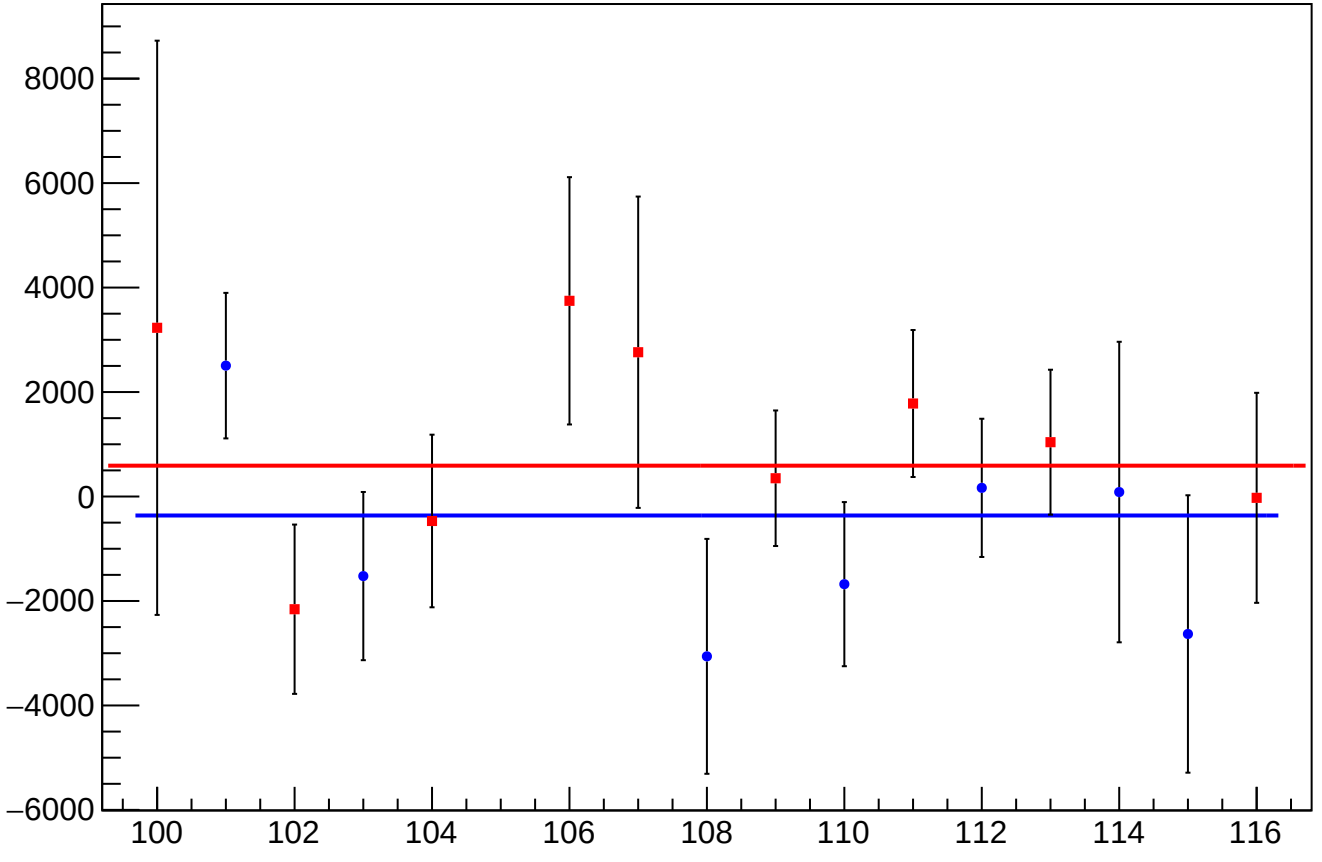
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1652.869+/-0.481 $\chi^2$/NDF: 250447.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_us_dd_mean vs Slug




Right In: -363.355+/-654.004 $\chi^2$/NDF: 7.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 590.548+/-583.469 $\chi^2$/NDF: 6.8/8

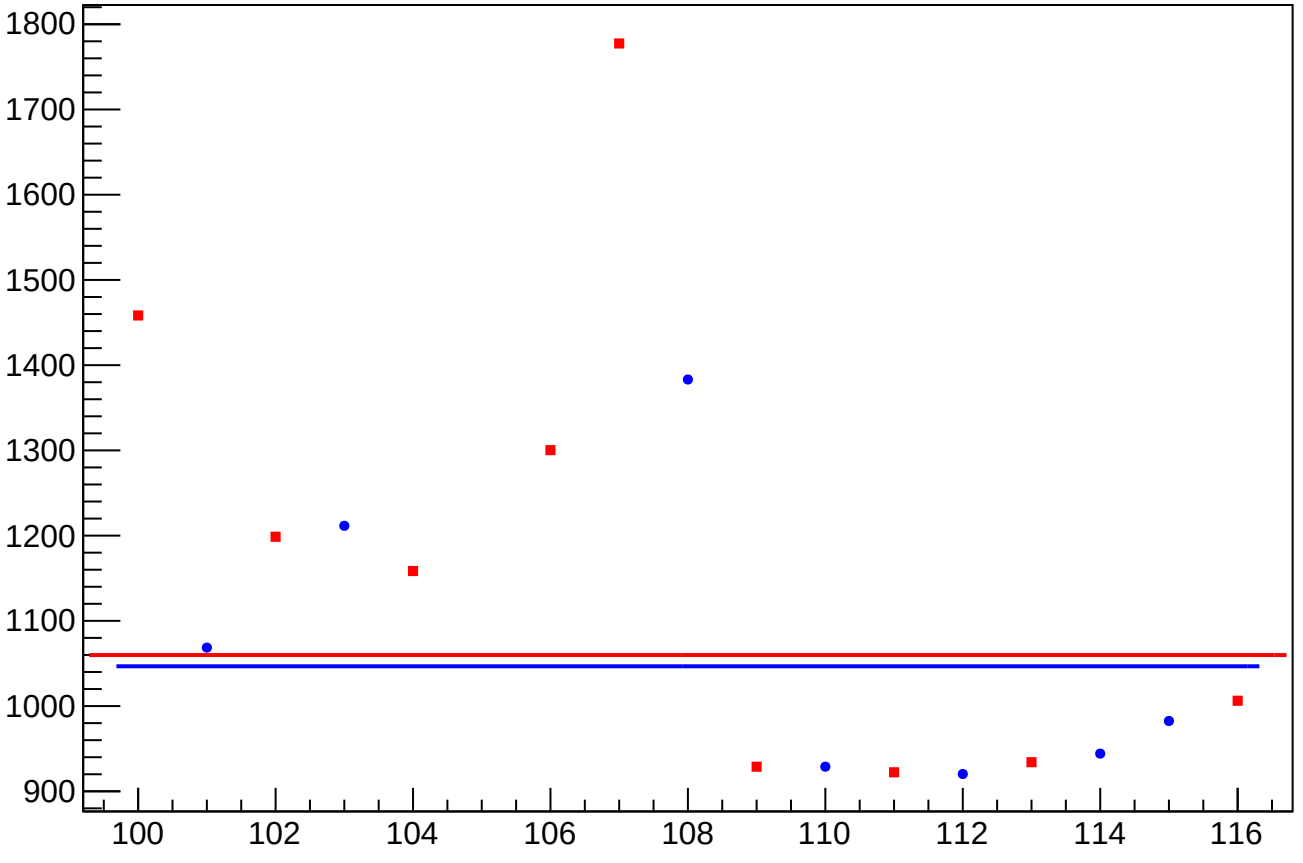
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 167.792+/-435.385 $\chi^2$/NDF: 15.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_us_dd_rms vs Slug




Right In: 1046.697+/-0.462 $\chi^2$/NDF: 99443.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

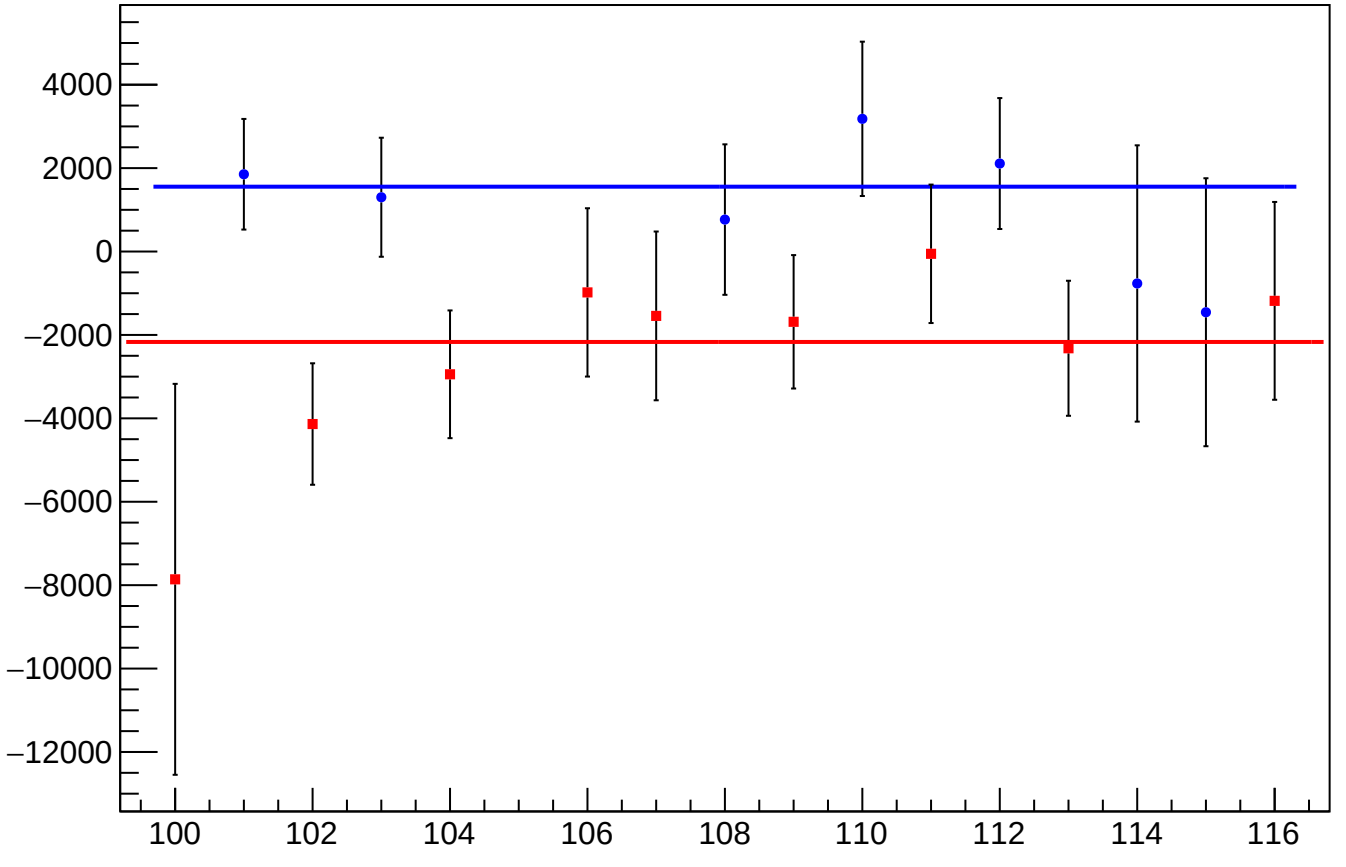
Right Out: 1059.859+/-0.413 $\chi^2$/NDF: 226262.3/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1054.026+/-0.308 $\chi^2$/NDF: 326156.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 1554.840+/-666.313 $\chi^2$/NDF: 2.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2168.319+/-603.426 $\chi^2$/NDF: 5.9/8

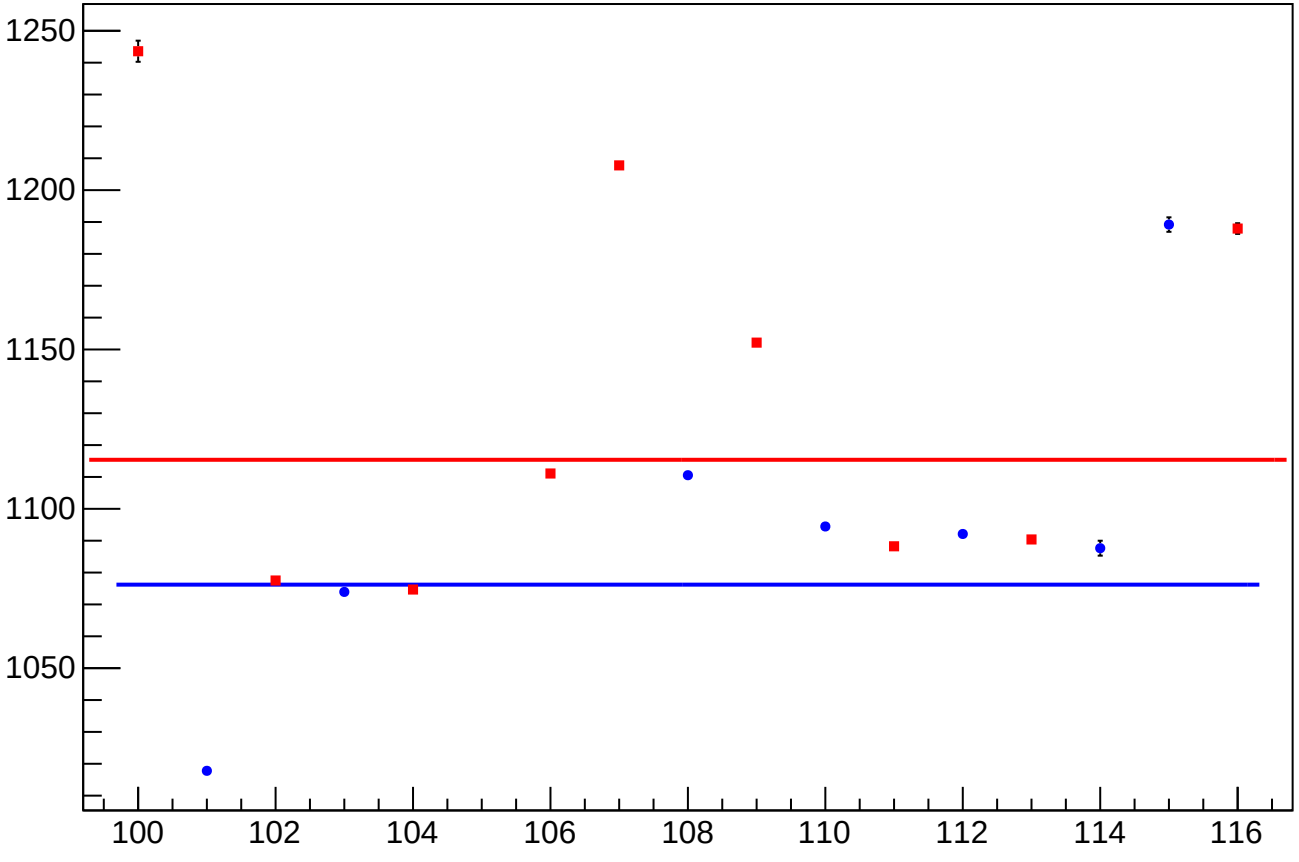
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -490.688+/-447.271 $\chi^2$/NDF: 25.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_usl_rms vs Slug




Right In: 1076.207+/-0.471 $\chi^2$/NDF: 7506.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1115.387+/-0.427 $\chi^2$/NDF: 12380.6/8

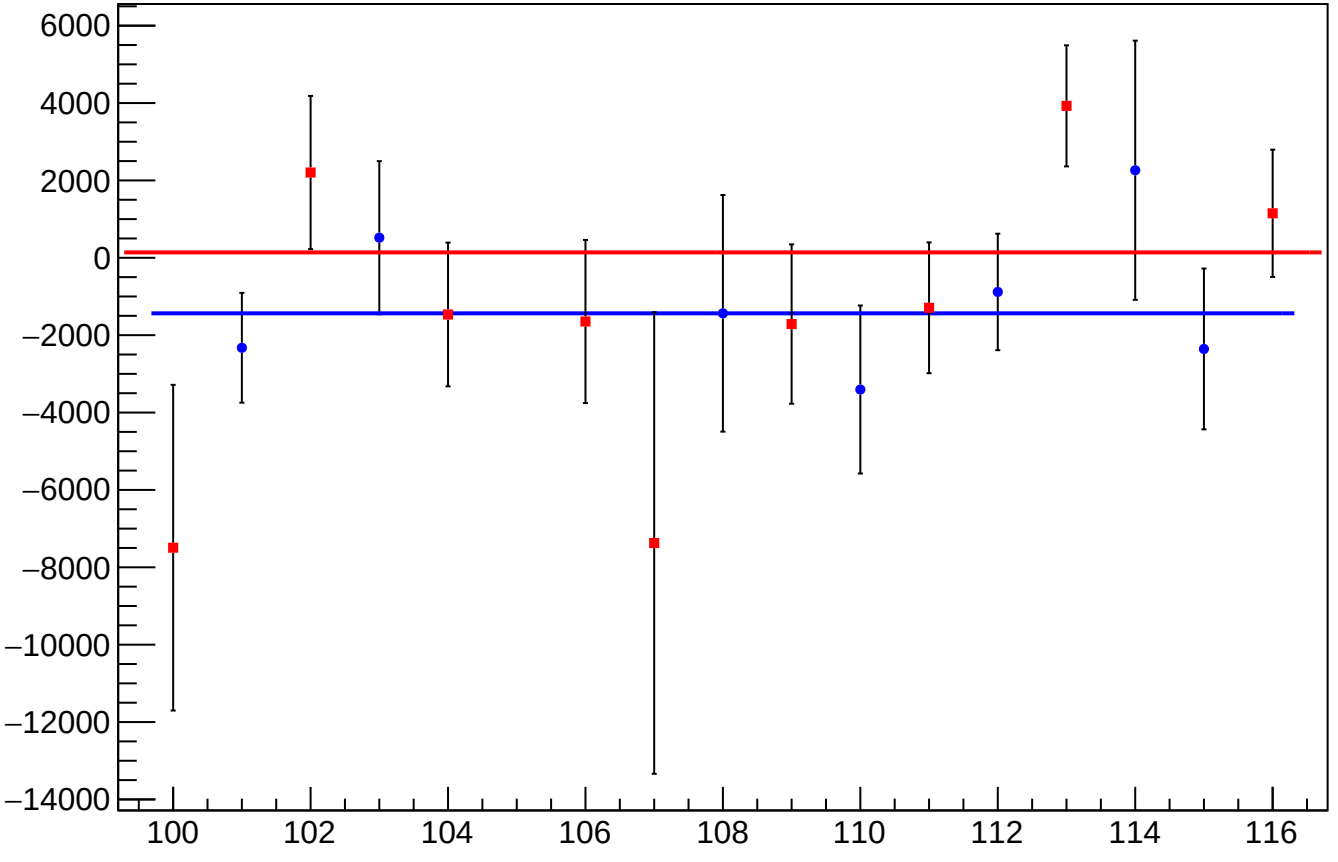
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1097.733+/-0.316 $\chi^2$/NDF: 23686.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usl_correction_mean vs Slug




Right In: -1435.134+/-738.722 $\chi^2$/NDF: 3.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 139.346+/-671.408 $\chi^2$/NDF: 15.2/8

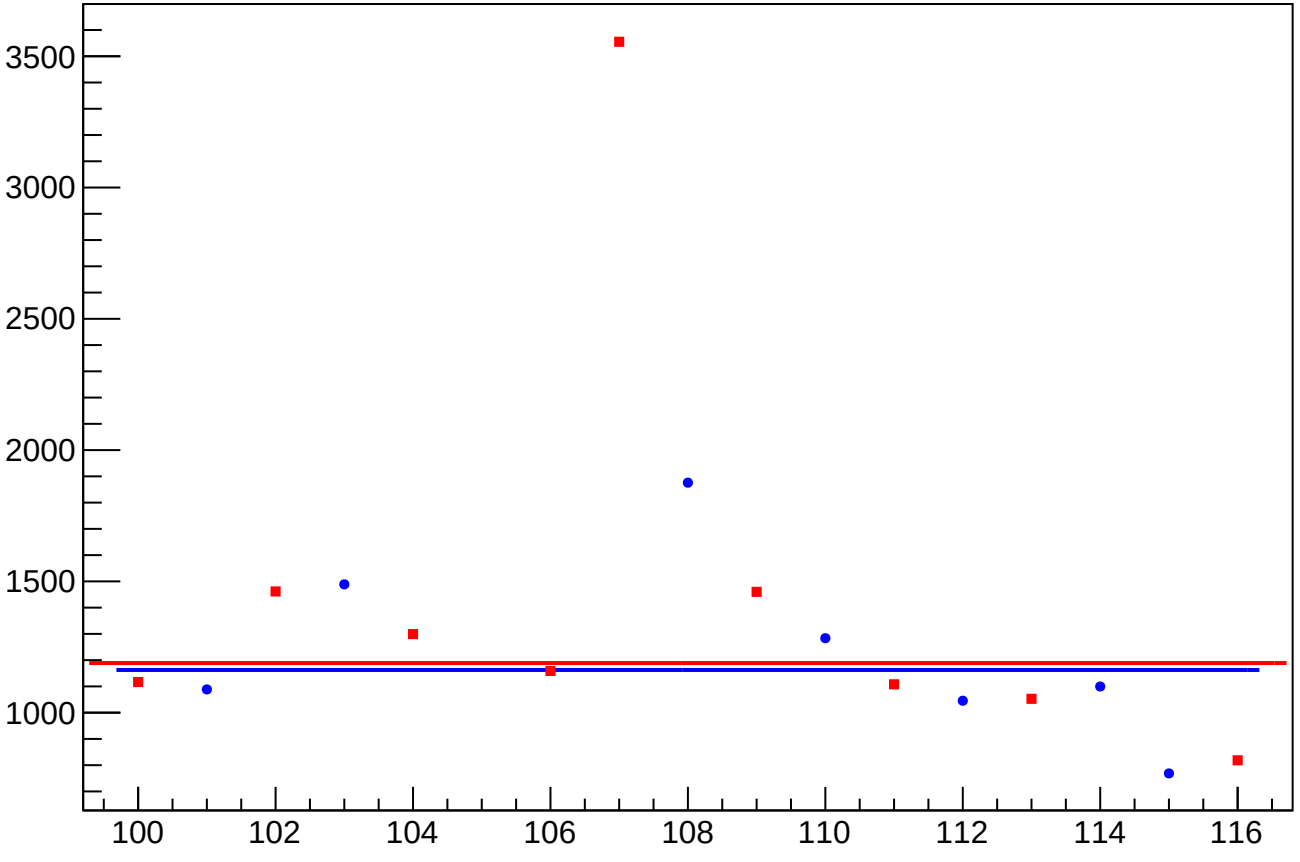
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -572.905+/-496.854 $\chi^2$/NDF: 21.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usl_correction_rms vs Slug




Right In: 1162.558+/-0.522 $\chi^2$/NDF: 259446.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1189.021+/-0.475 $\chi^2$/NDF: 516629.8/8

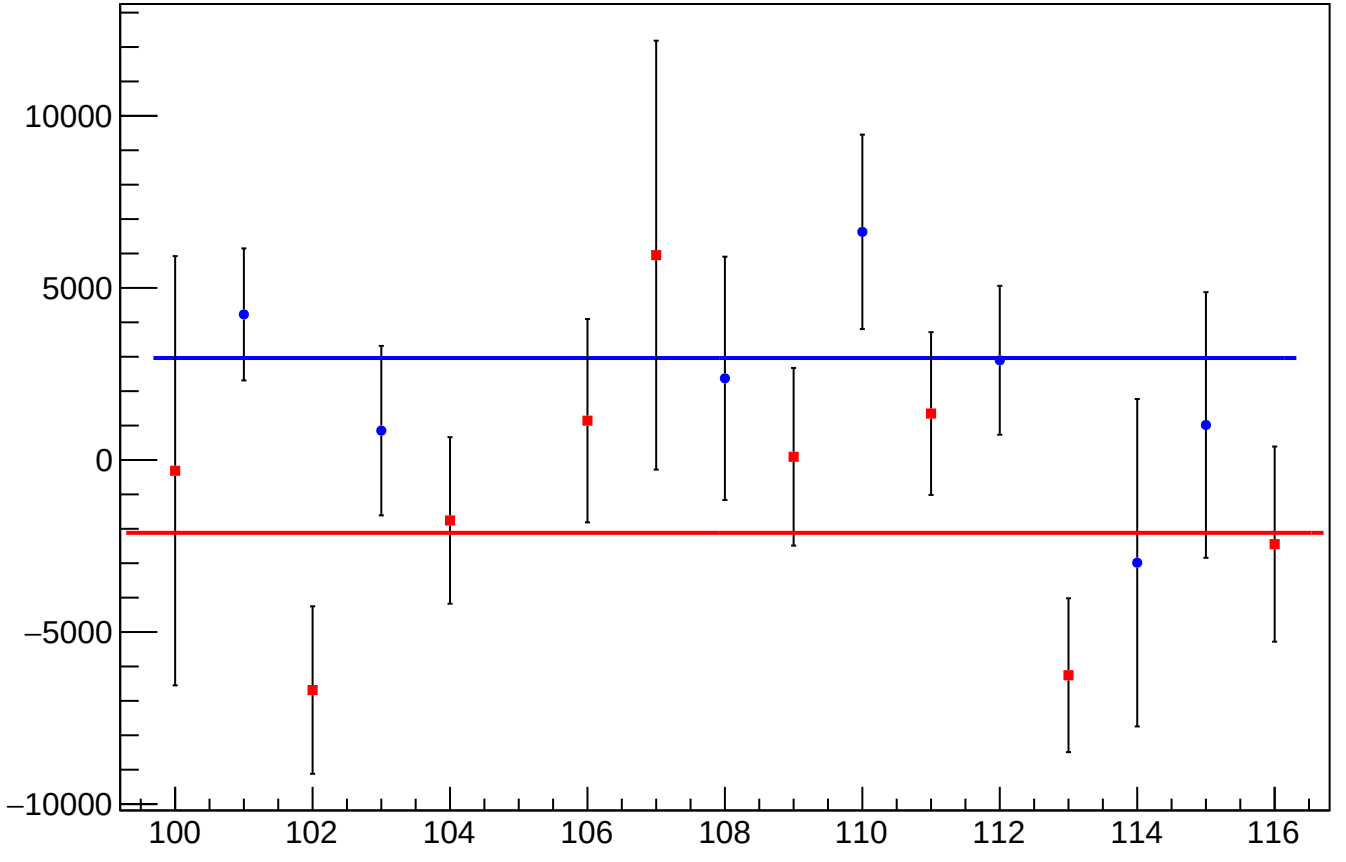
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1177.050+/-0.351 $\chi^2$/NDF: 777481.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usl_mean vs Slug




Right In: 2963.103+/-1016.995 $\chi^2$/NDF: 4.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2117.133+/-928.948 $\chi^2$/NDF: 12.8/8

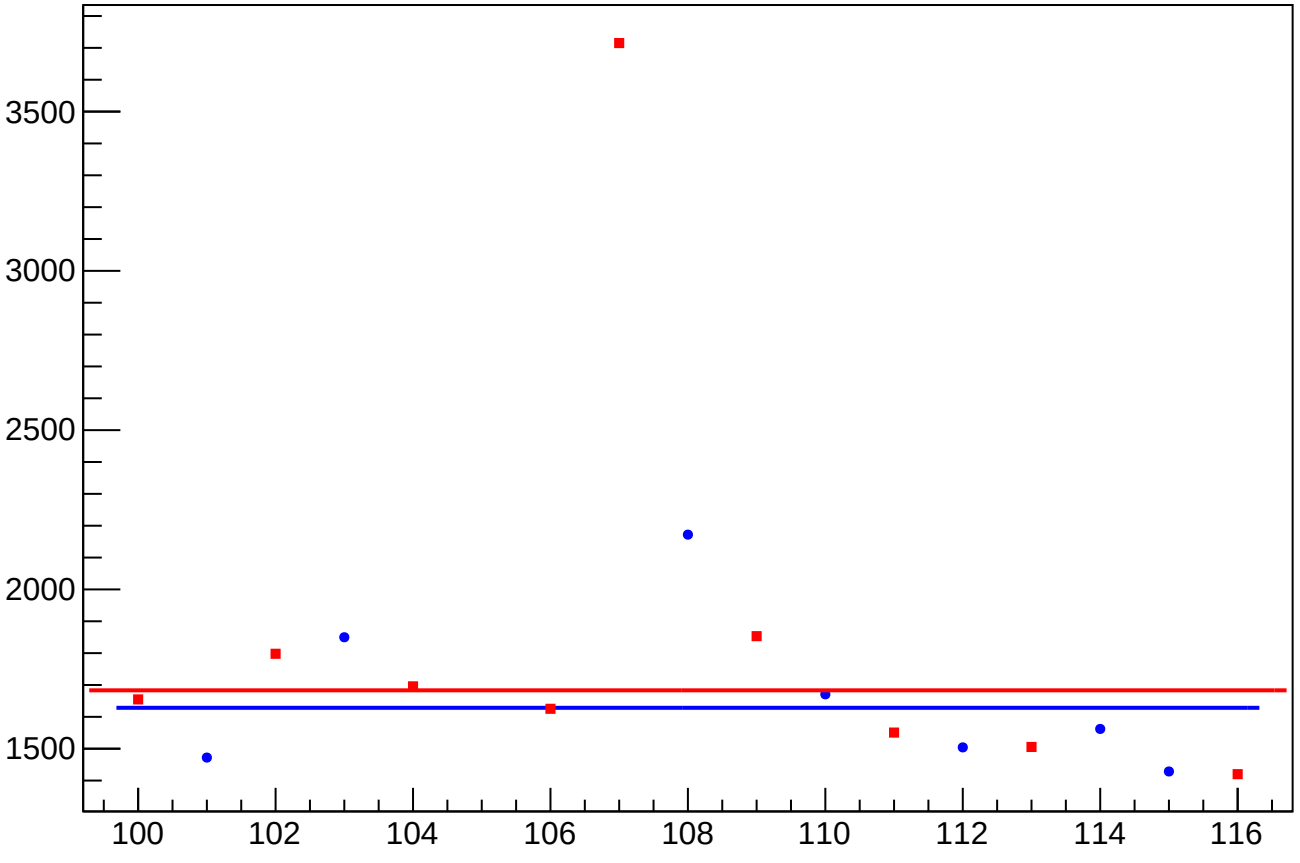
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 193.590+/-685.884 $\chi^2$/NDF: 31.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usl_rms vs Slug




Right In: 1628.399+/-0.719 $\chi^2$/NDF: 89550.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

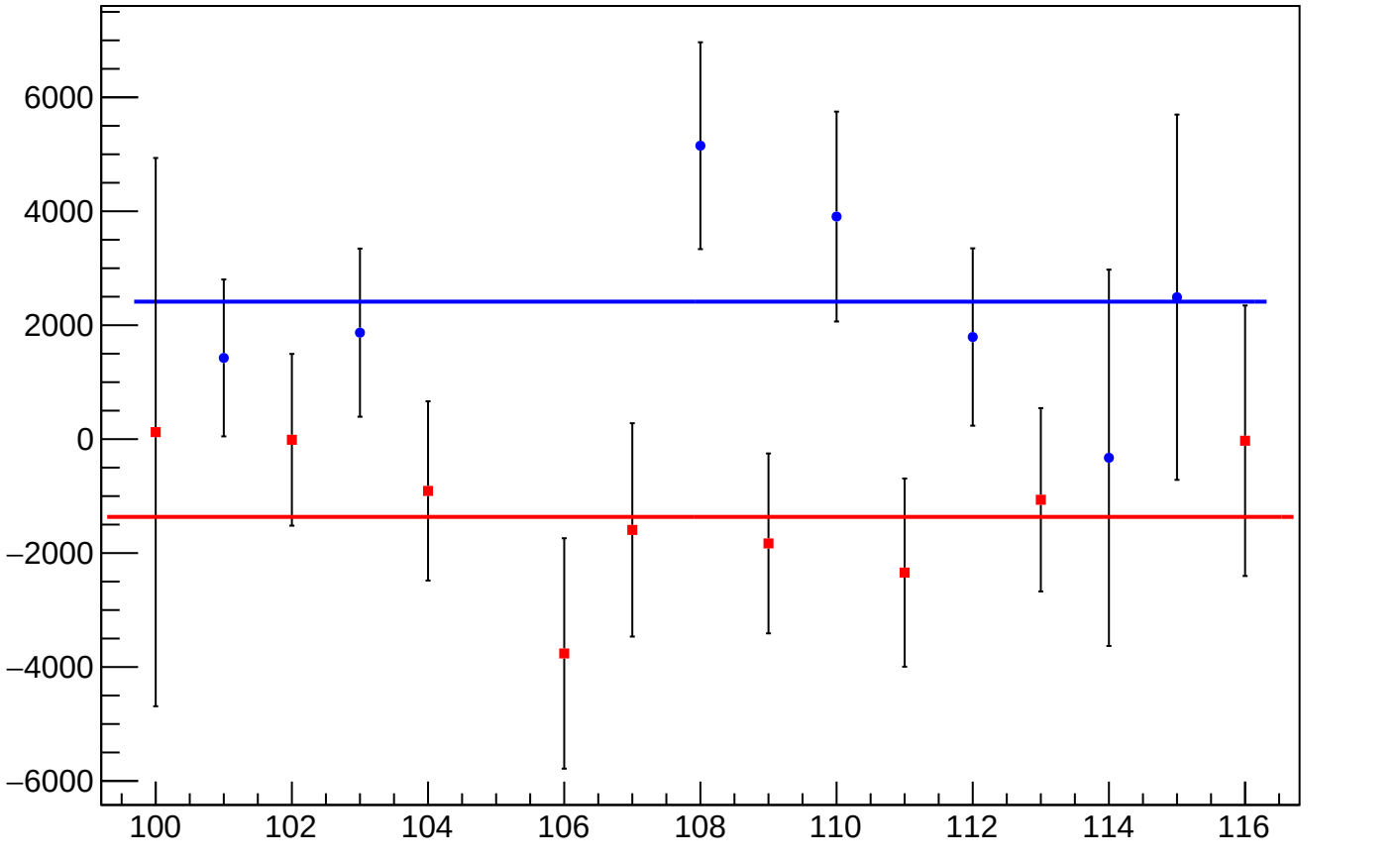
Right Out: 1683.234+/-0.657 $\chi^2$/NDF: 262723.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1658.293+/-0.485 $\chi^2$/NDF: 355442.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 2413.463+/-676.244 $\chi^2$/NDF: 4.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1364.419+/-603.165 $\chi^2$/NDF: 3.2/8

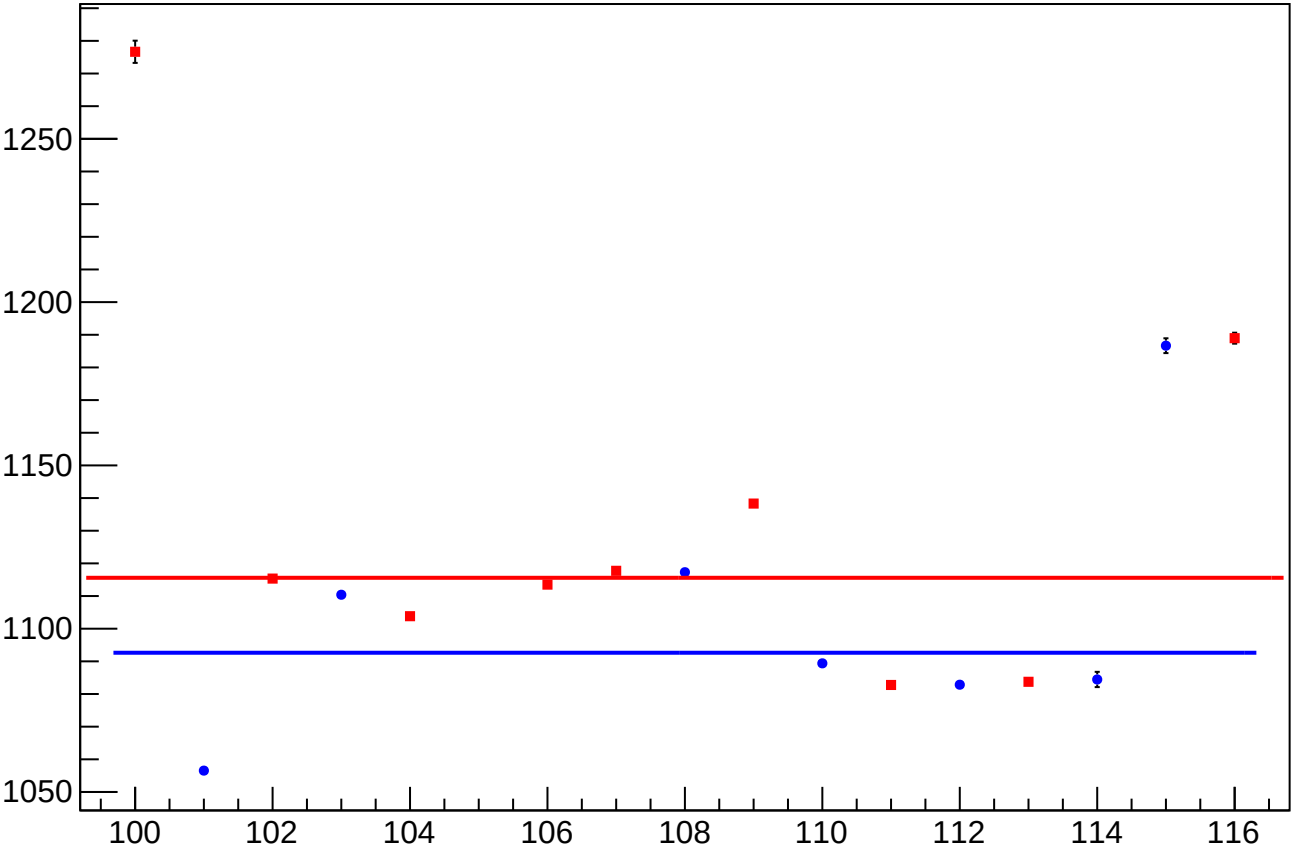
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 309.435+/-450.130 $\chi^2$/NDF: 25.0/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_usr_rms vs Slug




Right In: 1092.636+/-0.478 $\chi^2$/NDF: 3851.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1115.587+/-0.427 $\chi^2$/NDF: 6256.4/8

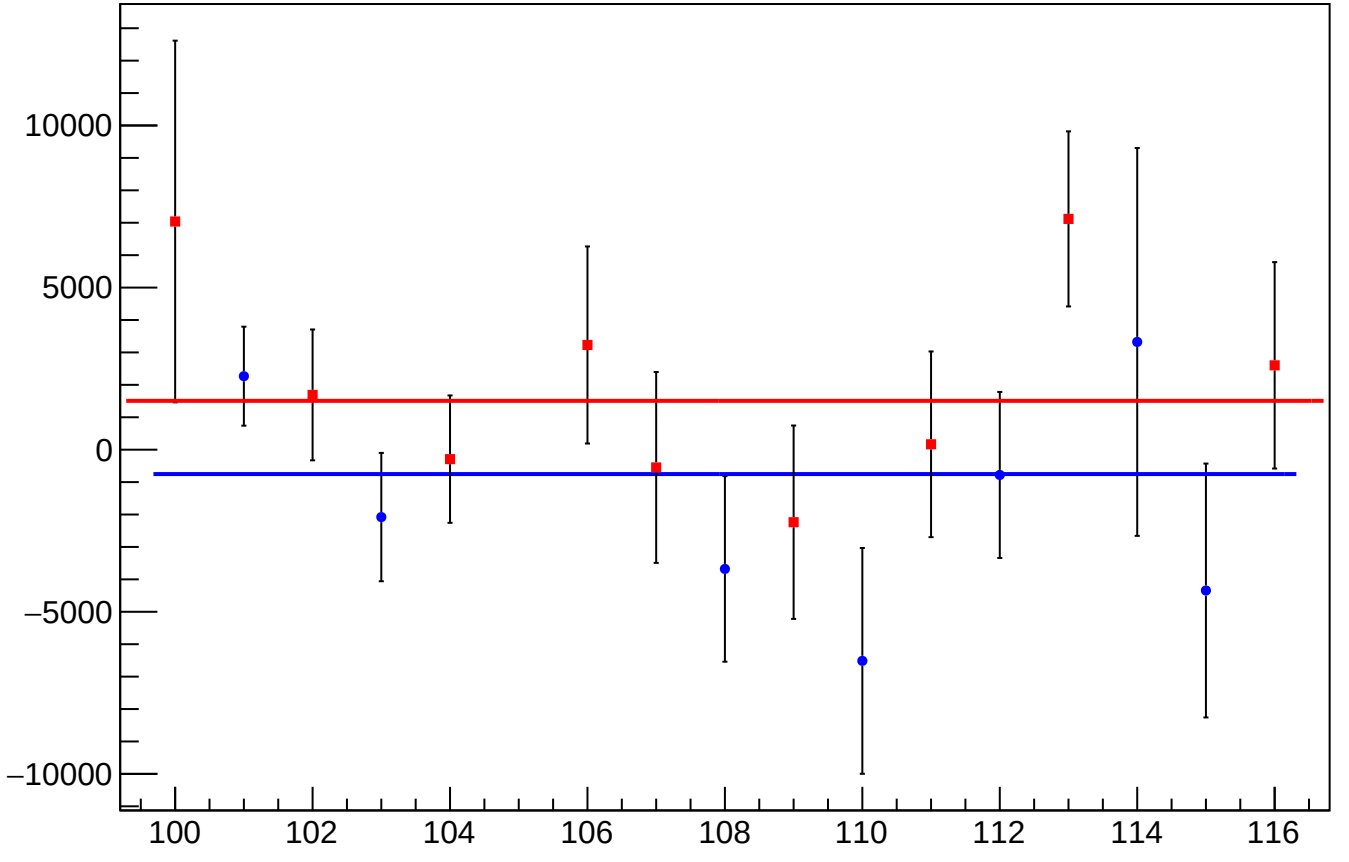
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1105.418+/-0.318 $\chi^2$/NDF: 11390.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usr_correction_mean vs Slug




Right In: -752.202+/-938.892 $\chi^2$/NDF: 9.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1506.513+/-901.444 $\chi^2$/NDF: 8.9/8

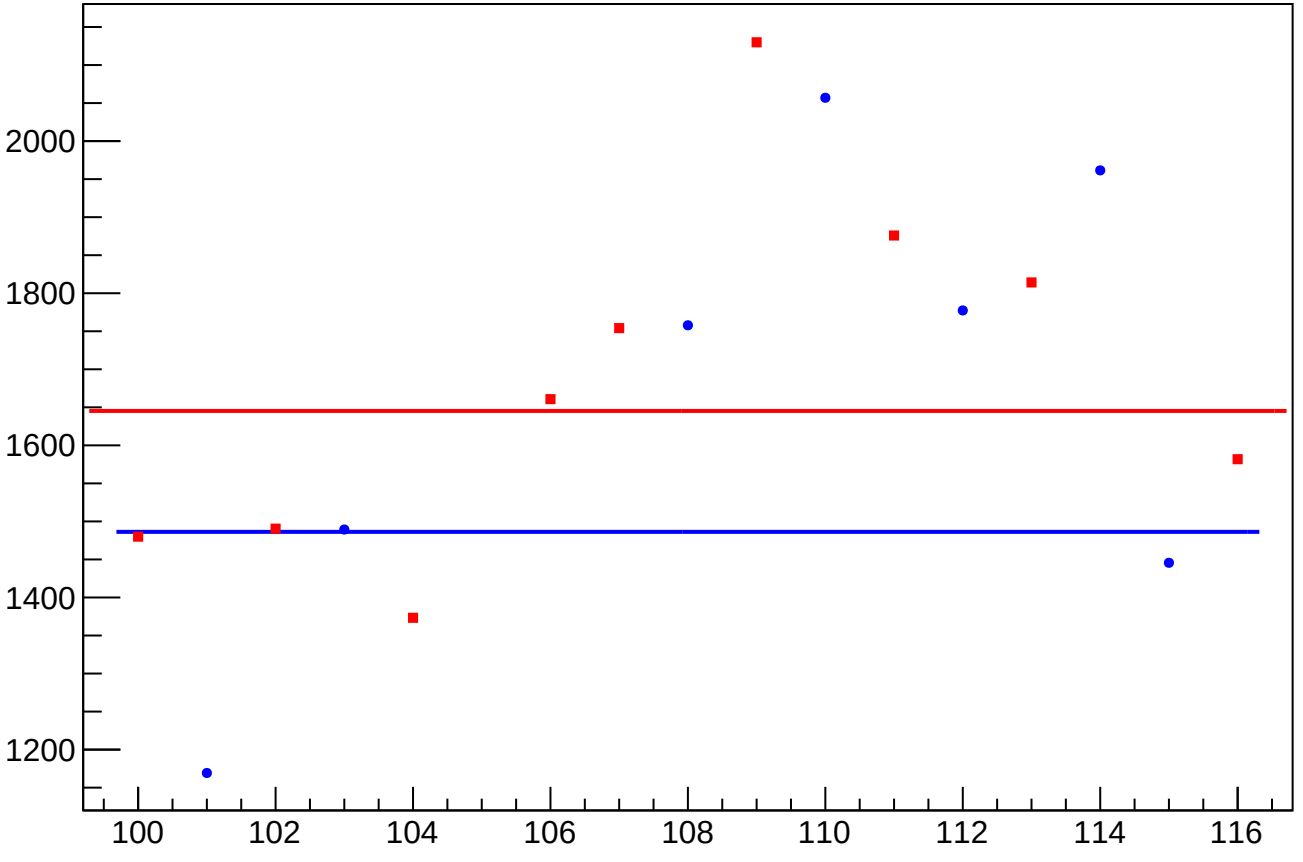
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 423.098+/-650.253 $\chi^2$/NDF: 21.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usr_correction_rms vs Slug




Right In: 1486.290+/-0.664 $\chi^2$/NDF: 196610.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1645.246+/-0.637 $\chi^2$/NDF: 129045.0/8

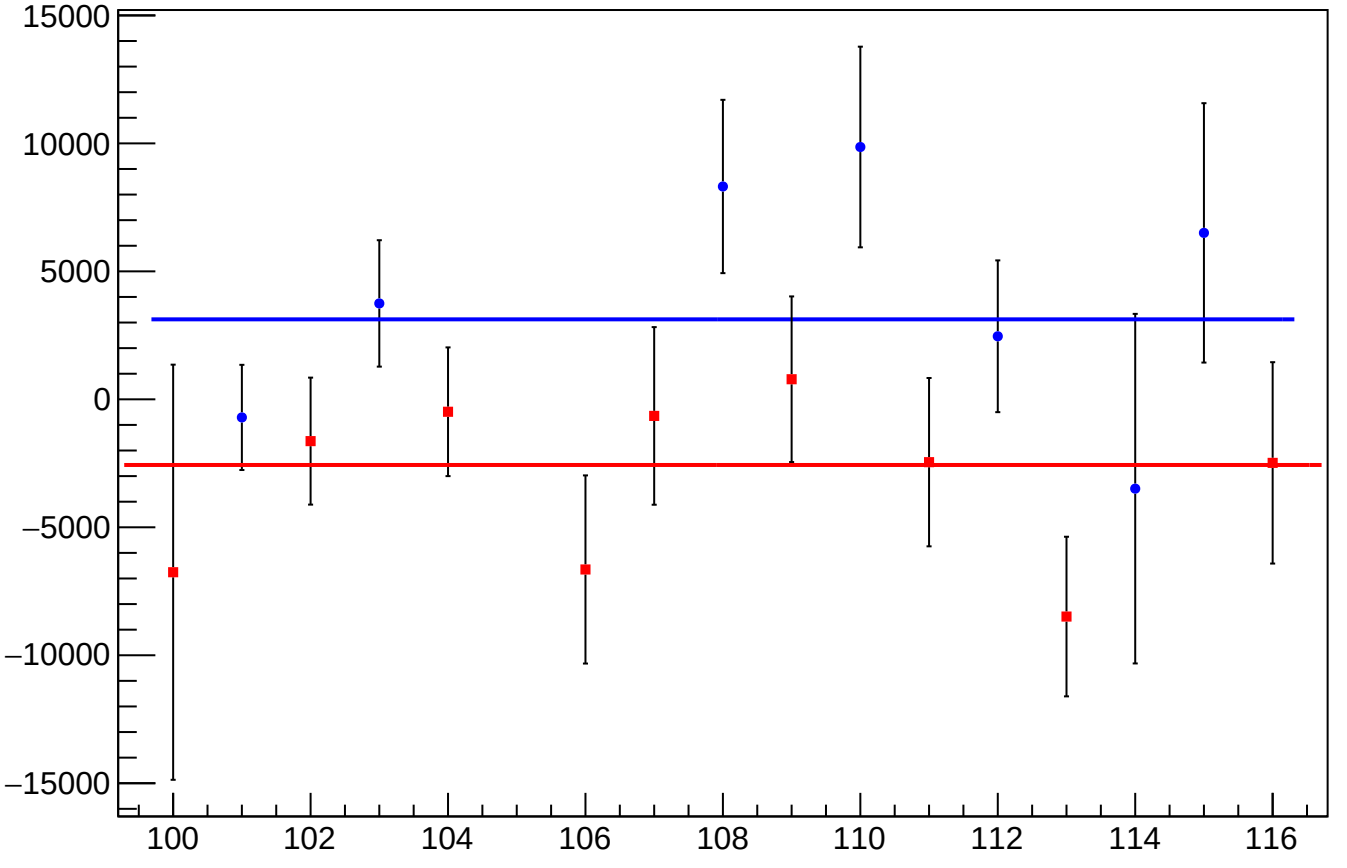
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1569.002+/-0.460 $\chi^2$/NDF: 355485.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usr_mean vs Slug




Right In: 3124.764+/-1172.635 $\chi^2$/NDF: 10.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2565.061+/-1085.735 $\chi^2$/NDF: 7.3/8

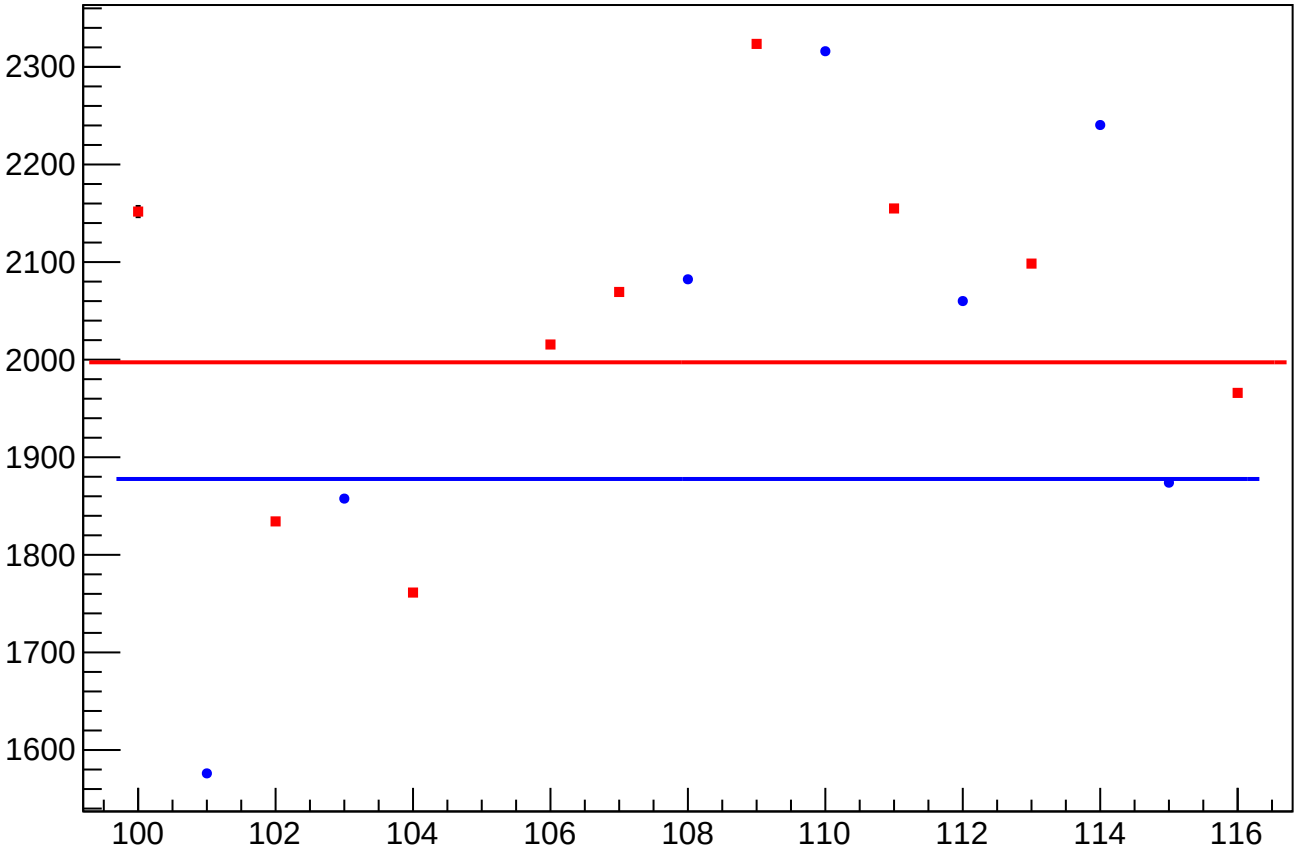
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 61.236+/-796.683 $\chi^2$/NDF: 30.3/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_usr_rms vs Slug




Right In: 1877.731+/-0.829 $\chi^2$/NDF: 88761.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

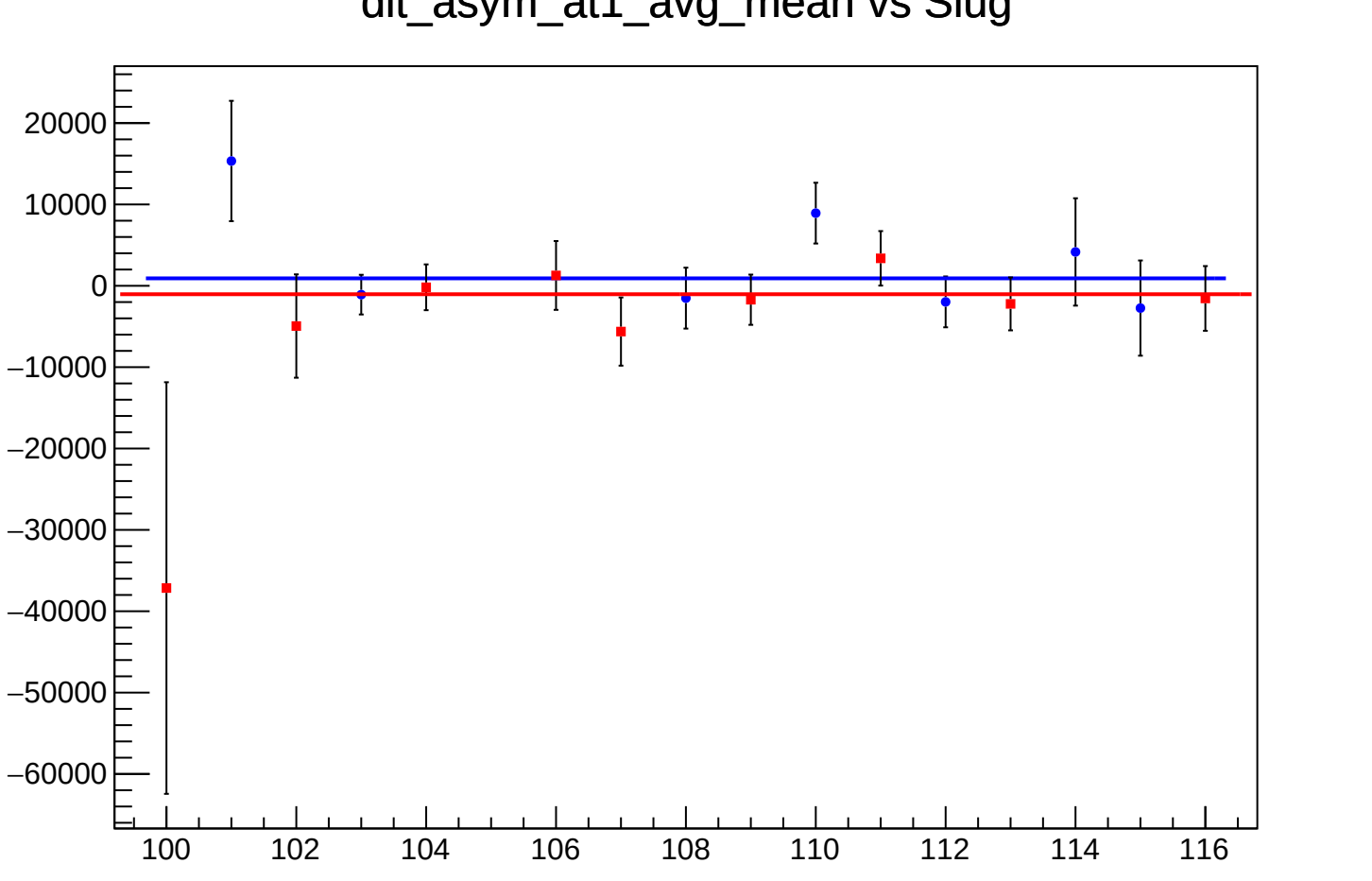
Right Out: 1997.285+/-0.768 $\chi^2$/NDF: 55045.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1942.102+/-0.563 $\chi^2$/NDF: 155000.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 915.011+/-1437.452 $\chi^2$/NDF: 11.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1036.424+/-1272.746 $\chi^2$/NDF: 5.9/8

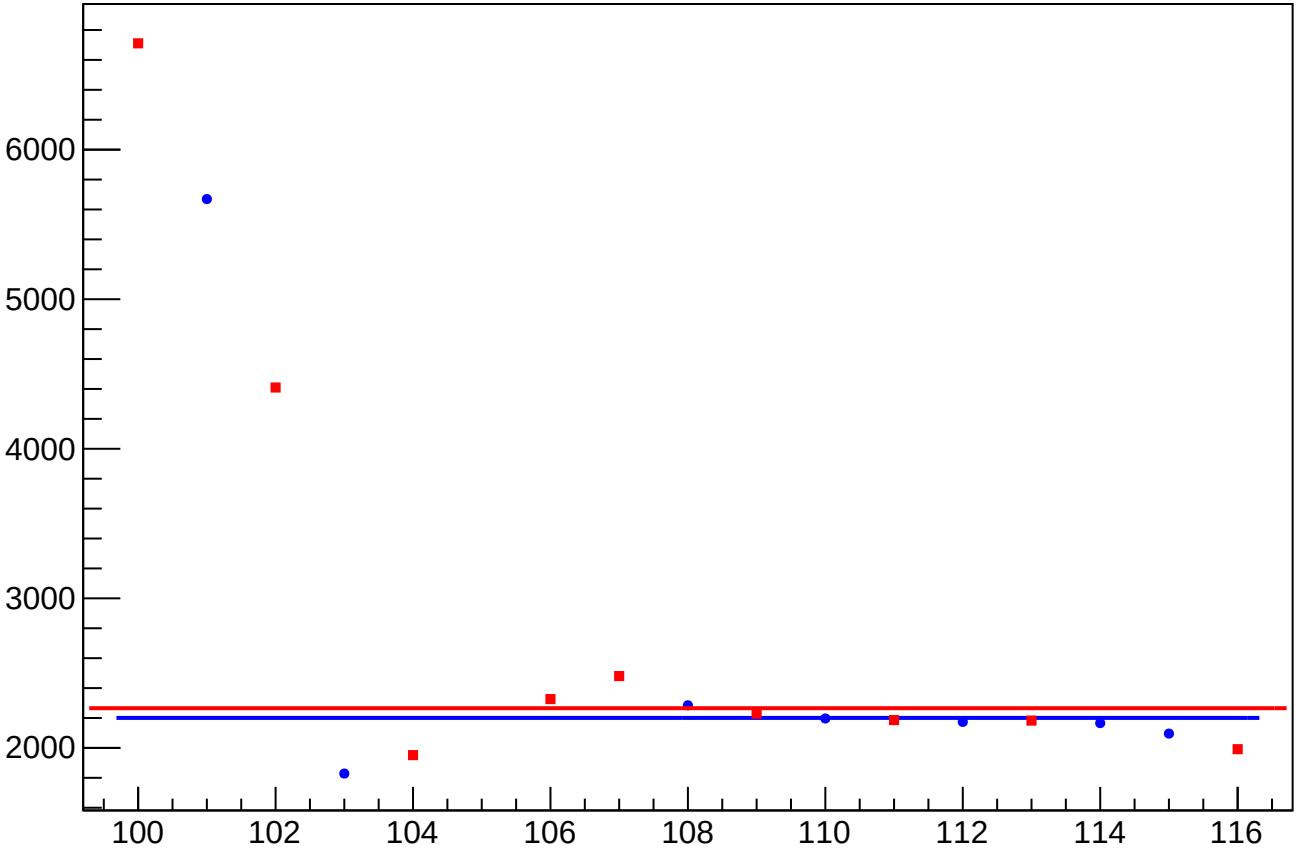
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -178.864+/-952.903 $\chi^2$/NDF: 18.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_at1_avg_rms vs Slug




Right In: 2200.664+/-1.016 $\chi^2$/NDF: 488364.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

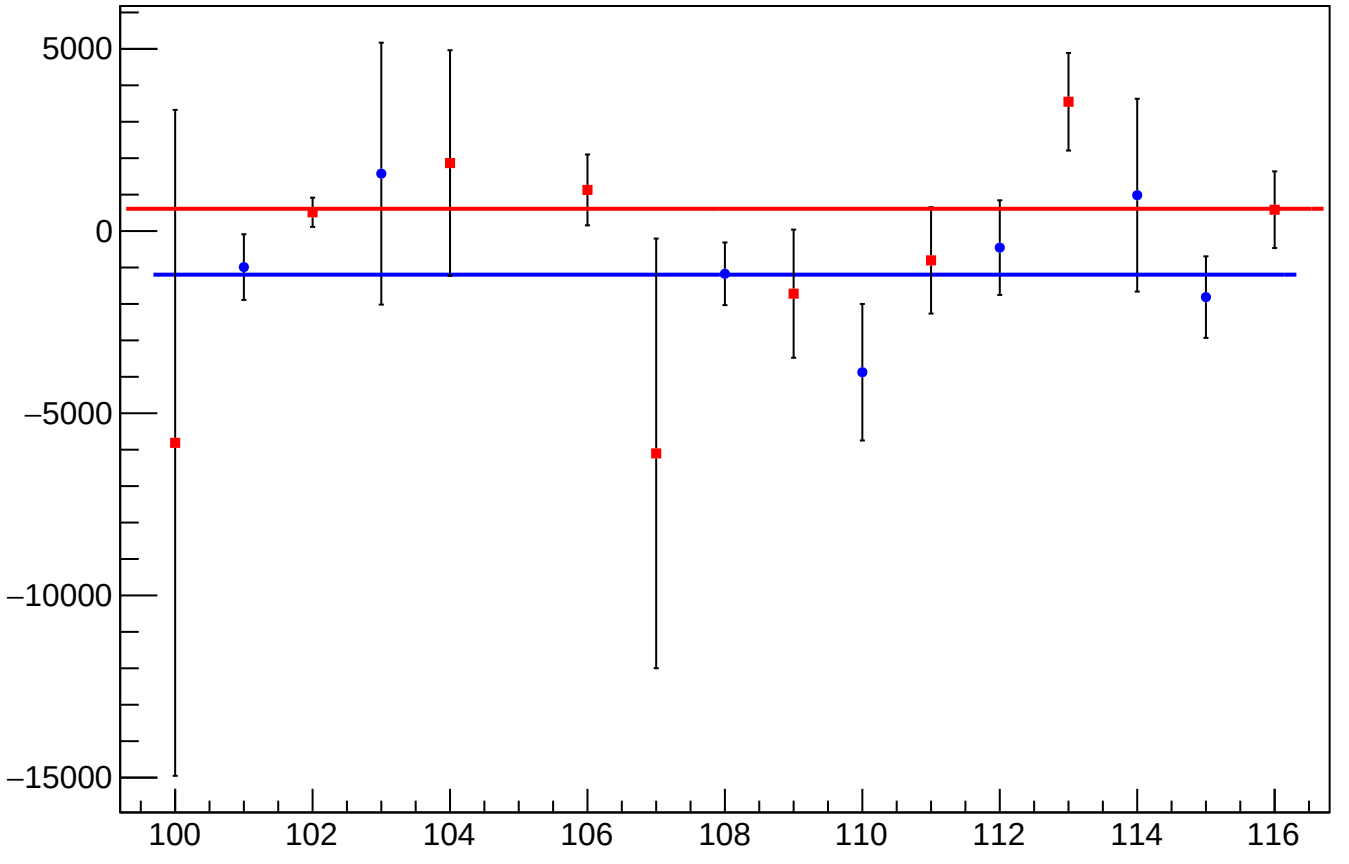
Right Out: 2265.610+/-0.900 $\chi^2$/NDF: 332450.5/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2237.070+/-0.674 $\chi^2$/NDF: 823103.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -1196.589+/-472.573 $\chi^2$/NDF: 4.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 612.279+/-321.534 $\chi^2$/NDF: 9.8/8

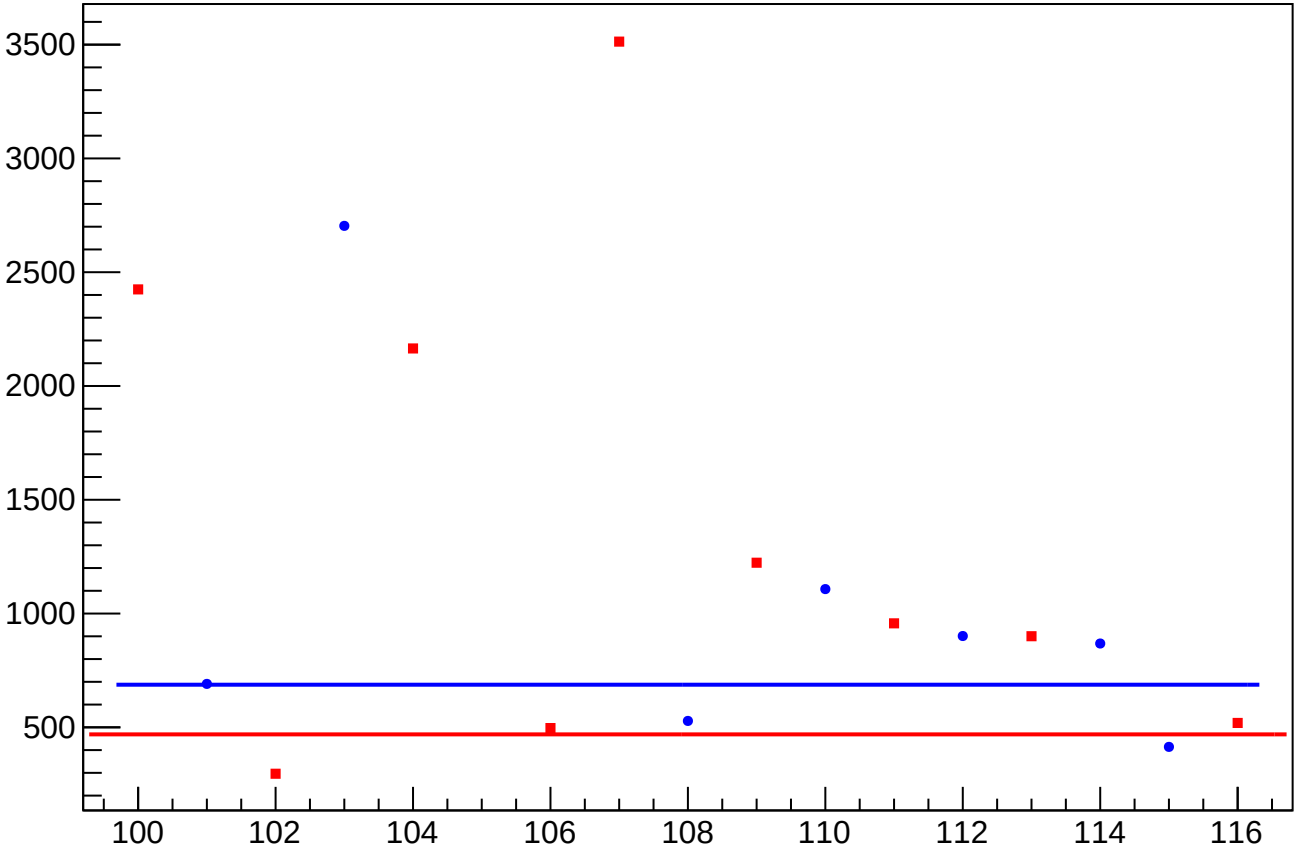
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 39.881+/-265.837 $\chi^2$/NDF: 23.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at1_avg_correction_rms vs Slug




Right In: 687.296+/-0.334 $\chi^2$/NDF: 981213.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 469.054+/-0.227 $\chi^2$/NDF: 2400979.4/8

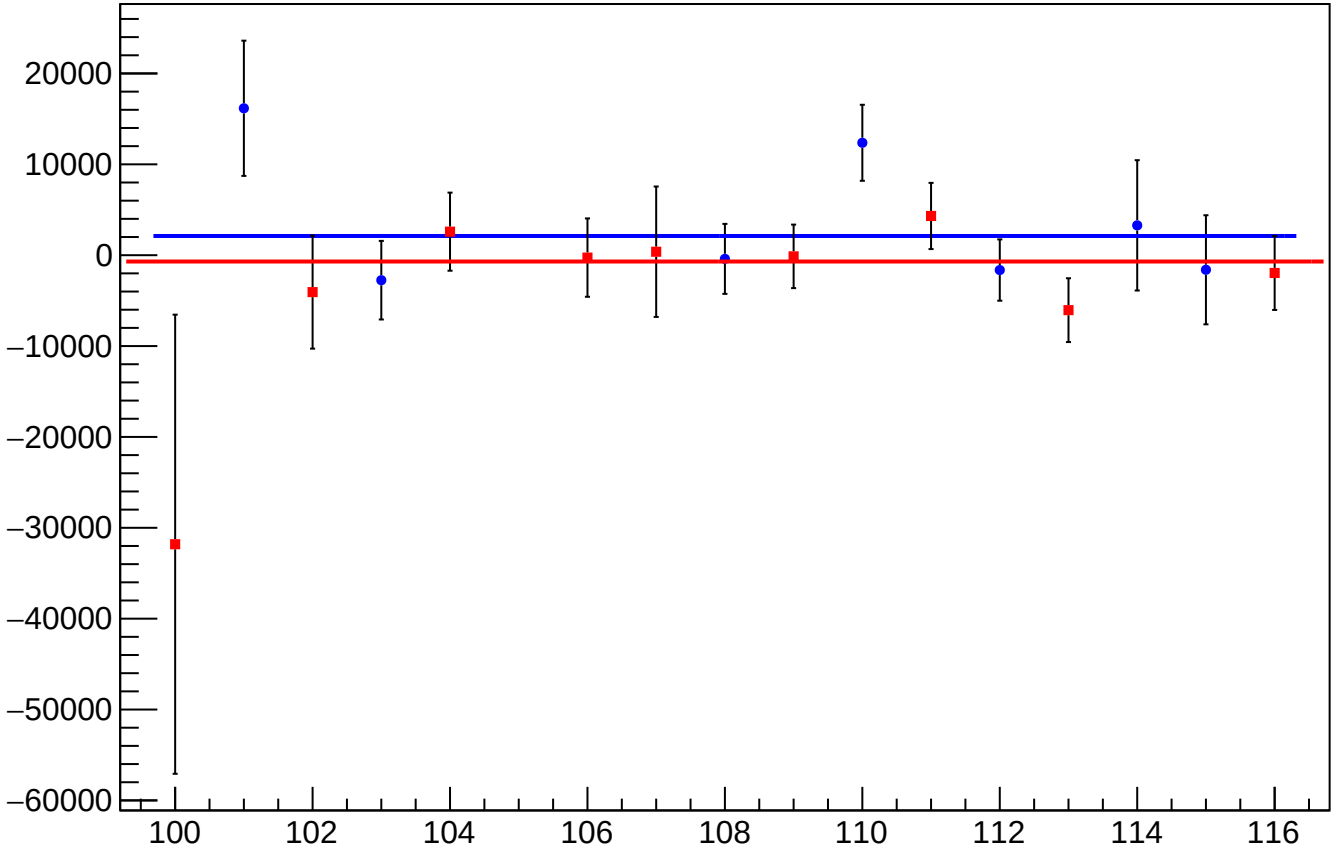
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 538.114+/-0.188 $\chi^2$/NDF: 3673766.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at1_avg_mean vs Slug




Right In: 2114.803+/-1737.598 $\chi^2$/NDF: 12.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -695.476+/-1485.033 $\chi^2$/NDF: 6.8/8

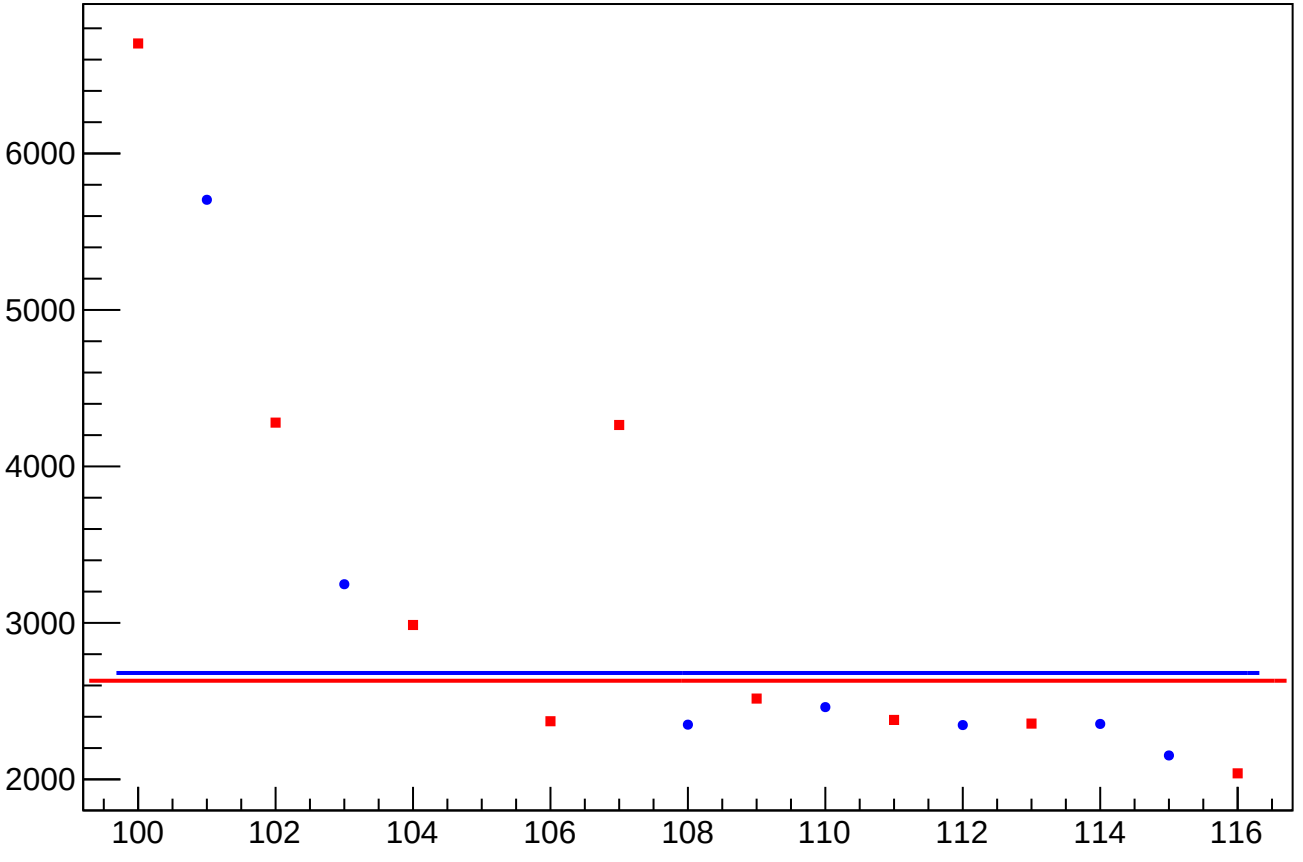
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 490.760+/-1128.912 $\chi^2$/NDF: 21.2/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at1_avg_rms vs Slug




Right In: 2679.898+/-1.229 $\chi^2$/NDF: 423951.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2630.291+/-1.050 $\chi^2$/NDF: 383443.5/8

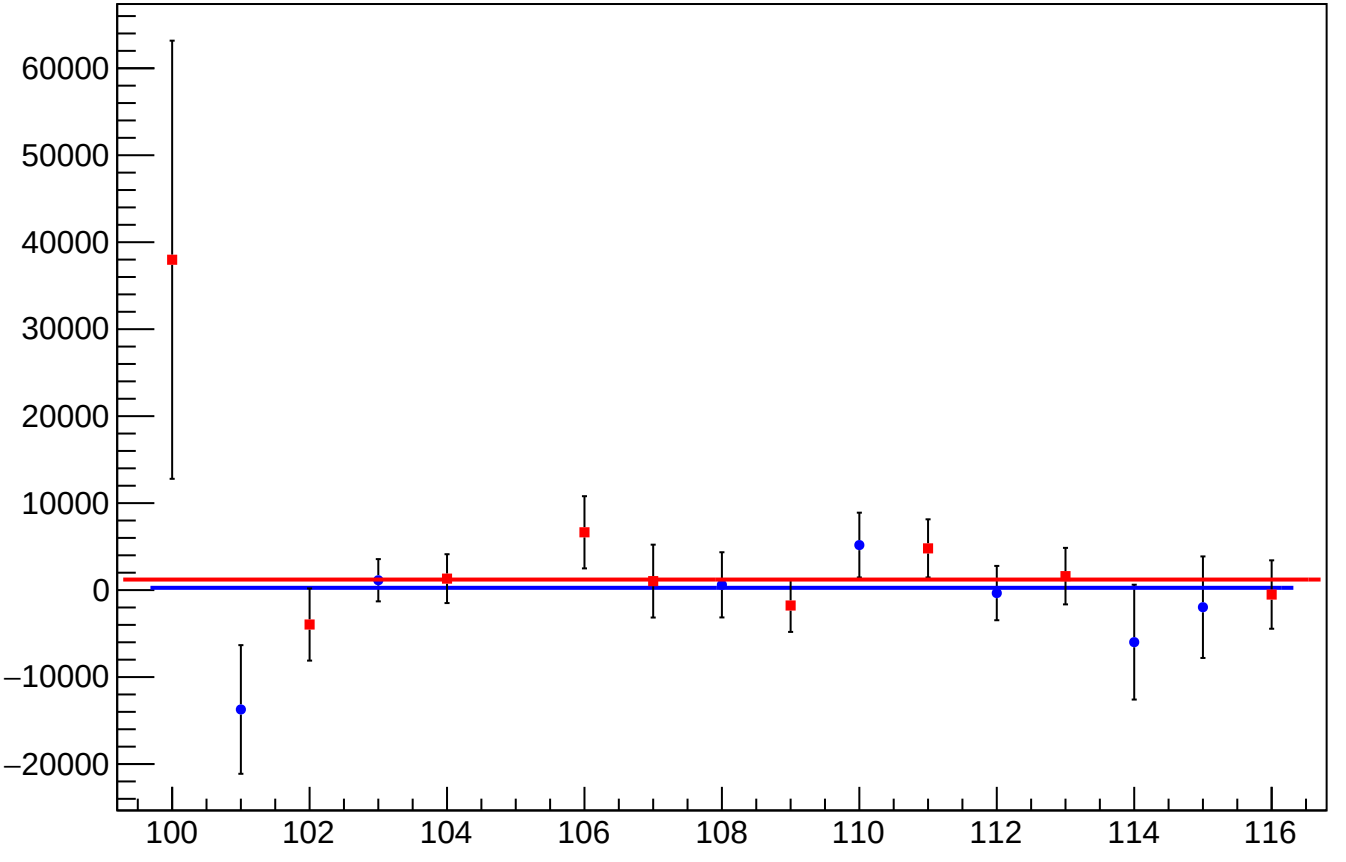
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2651.230+/-0.798 $\chi^2$/NDF: 808336.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_at1_dd_mean vs Slug




Right In: 262.187+/-1434.648 $\chi^2$/NDF: 6.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1212.385+/-1232.052 $\chi^2$/NDF: 7.7/8

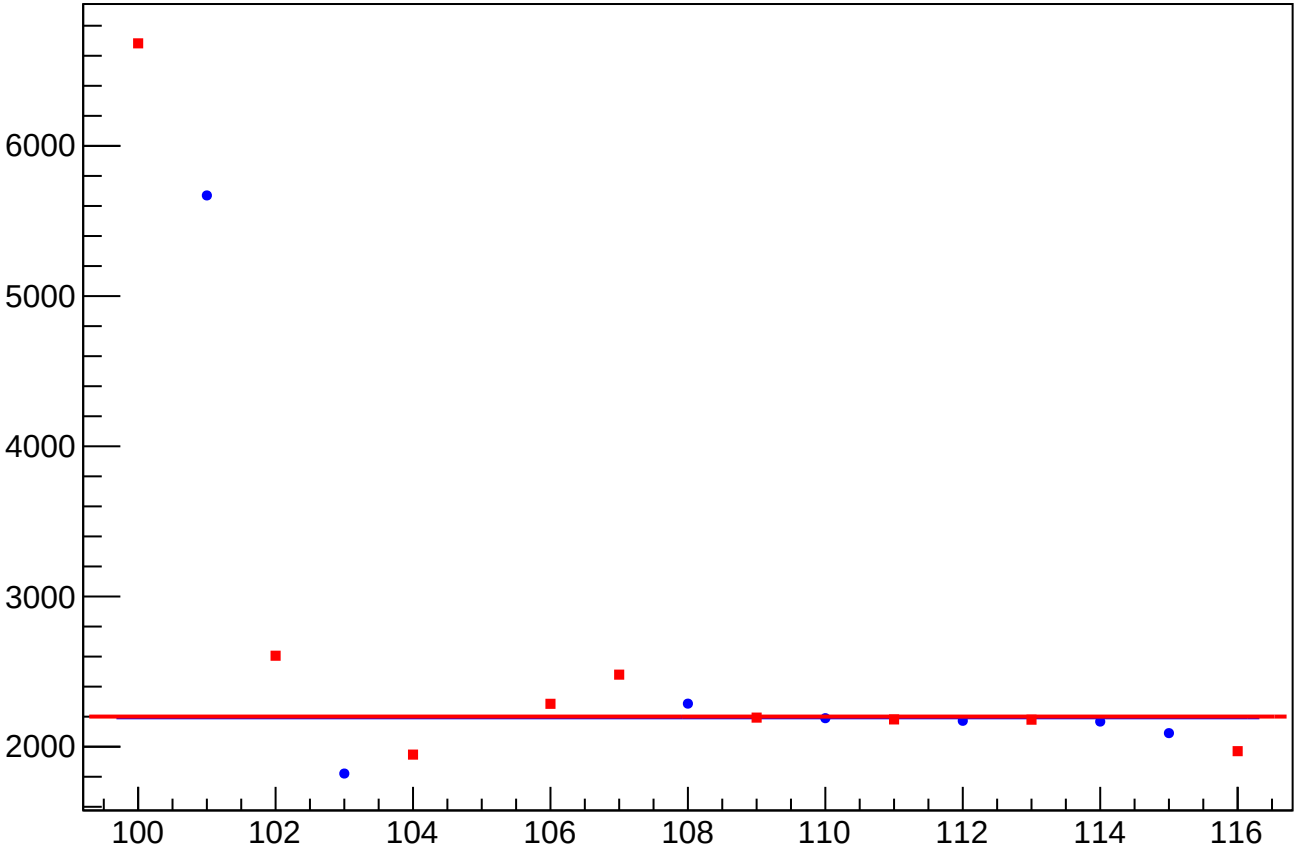
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 809.061+/-934.686 $\chi^2$/NDF: 14.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_at1_dd_rms vs Slug




Right In: 2195.750+/-1.014 $\chi^2$/NDF: 490787.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2200.647+/-0.871 $\chi^2$/NDF: 115361.3/8

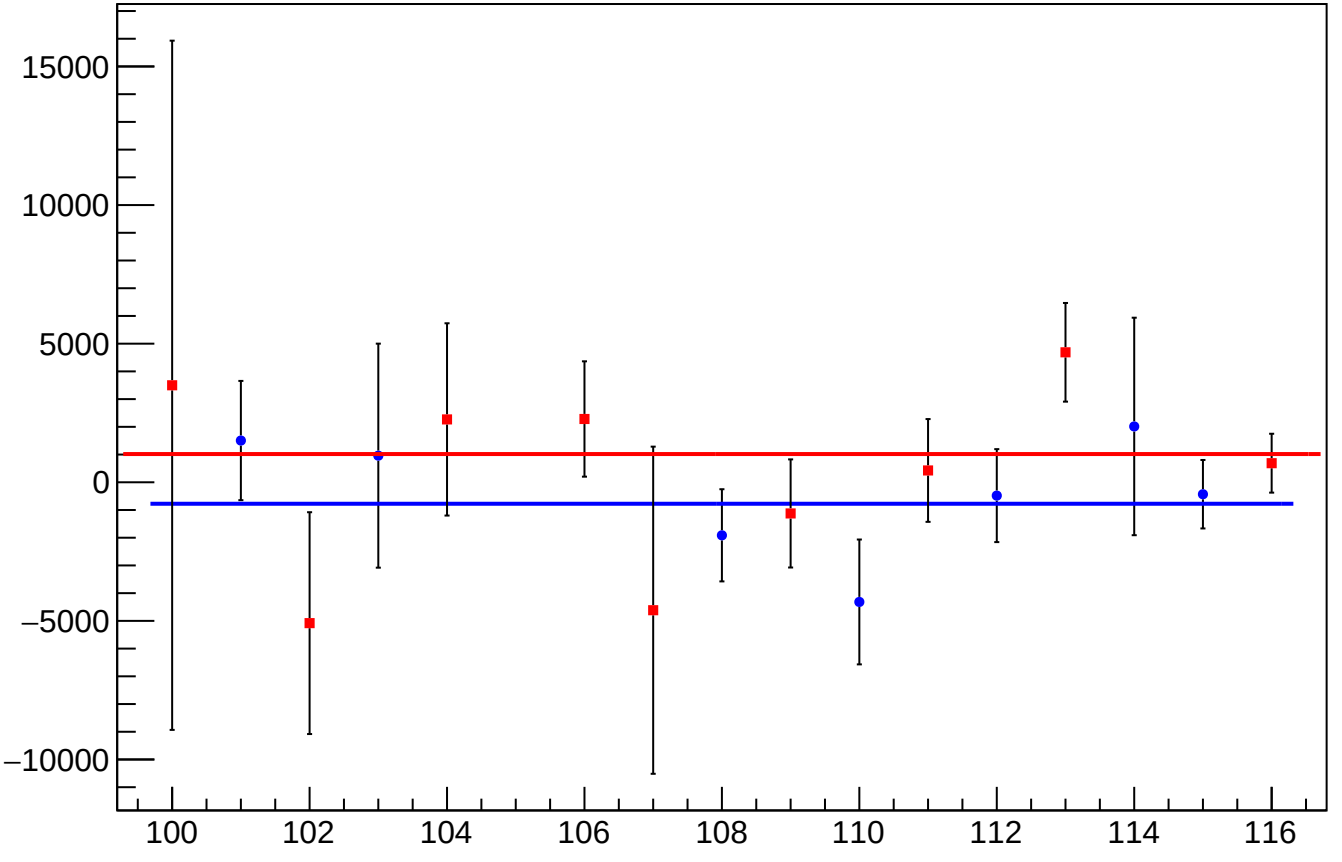
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2198.568+/-0.661 $\chi^2$/NDF: 606162.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at1_dd_correction_mean vs Slug




Right In: -774.874+/-723.036 $\chi^2$/NDF: 4.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1018.249+/-679.174 $\chi^2$/NDF: 9.4/8

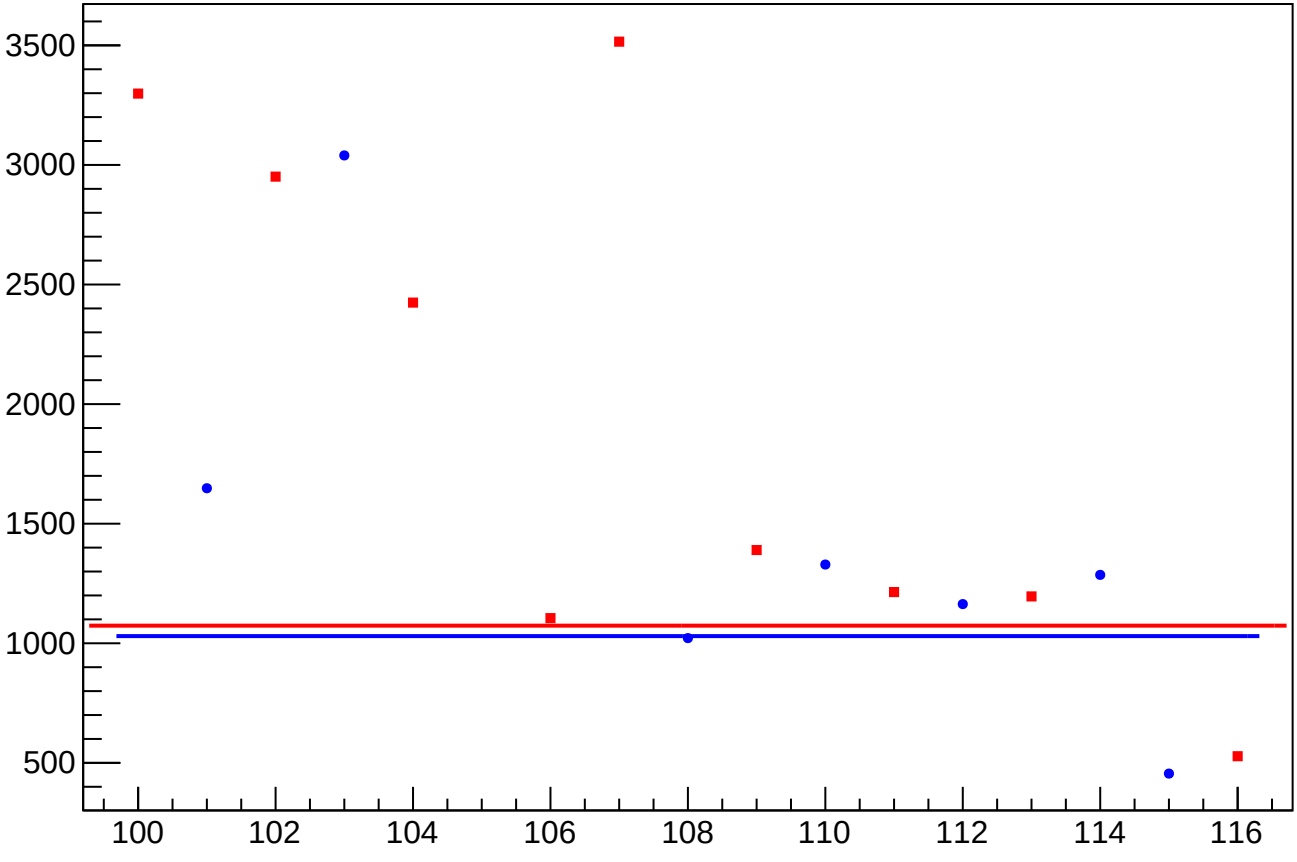
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 177.723+/-495.029 $\chi^2$/NDF: 17.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at1_dd_correction_rms vs Slug




Right In: 1029.968+/-0.511 $\chi^2$/NDF: 1150029.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1073.681+/-0.480 $\chi^2$/NDF: 1752595.2/8

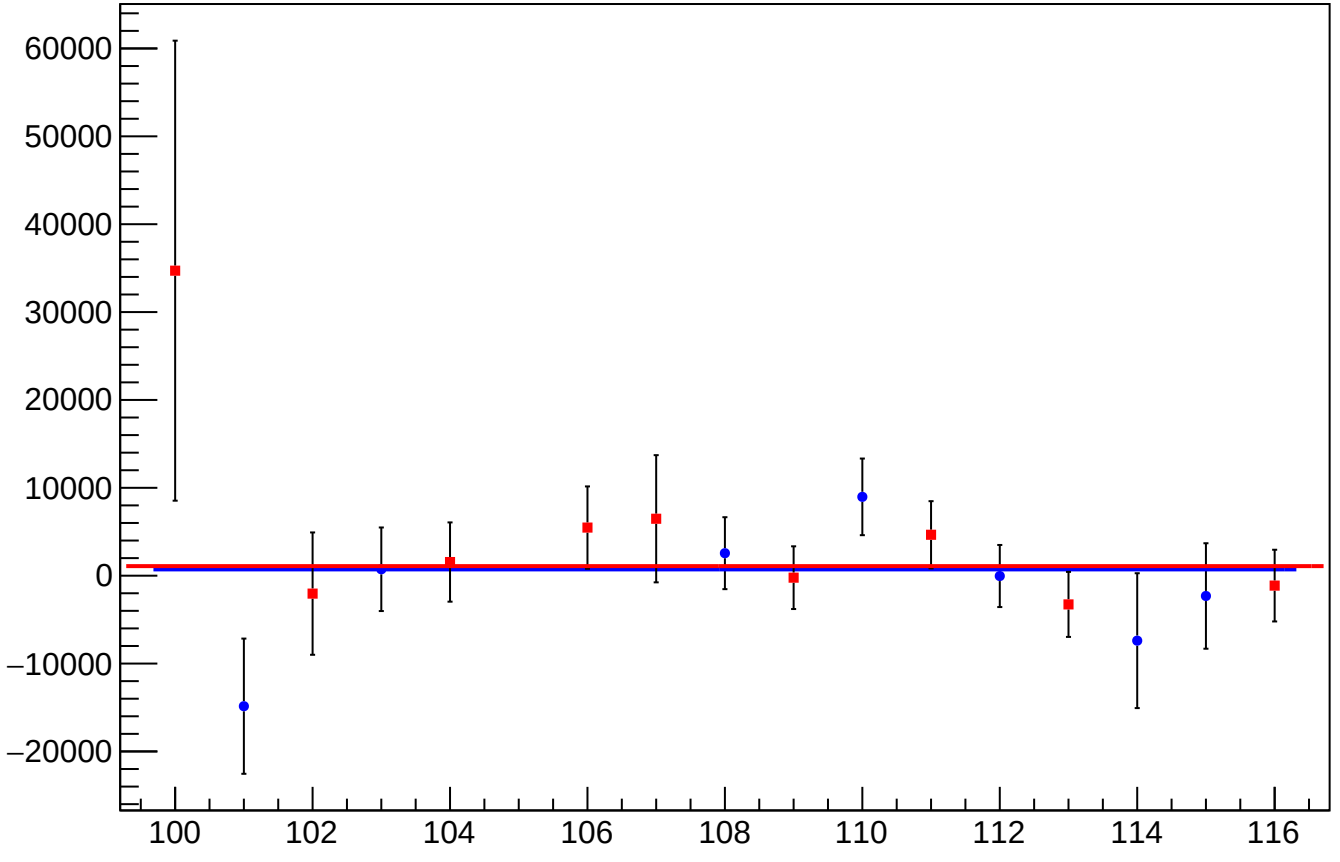
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1053.191+/-0.350 $\chi^2$/NDF: 2906508.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at1_dd_mean vs Slug




Right In: 715.771+/-1831.130 $\chi^2$/NDF: 9.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1088.563+/-1550.467 $\chi^2$/NDF: 6.0/8

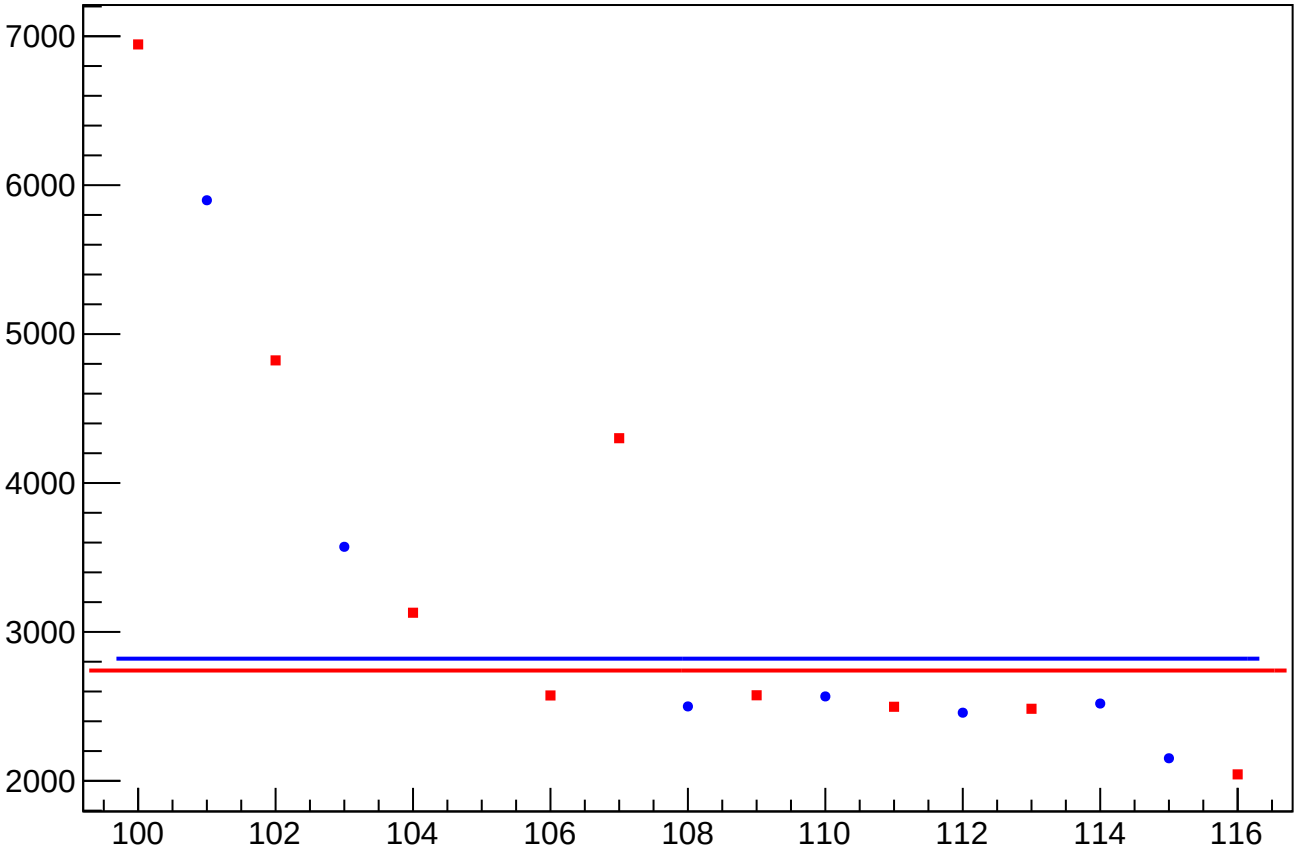
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 932.896+/-1183.271 $\chi^2$/NDF: 15.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at1_dd_rms vs Slug




Right In: 2820.500+/-1.295 $\chi^2$/NDF: 438092.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2740.847+/-1.096 $\chi^2$/NDF: 421430.3/8

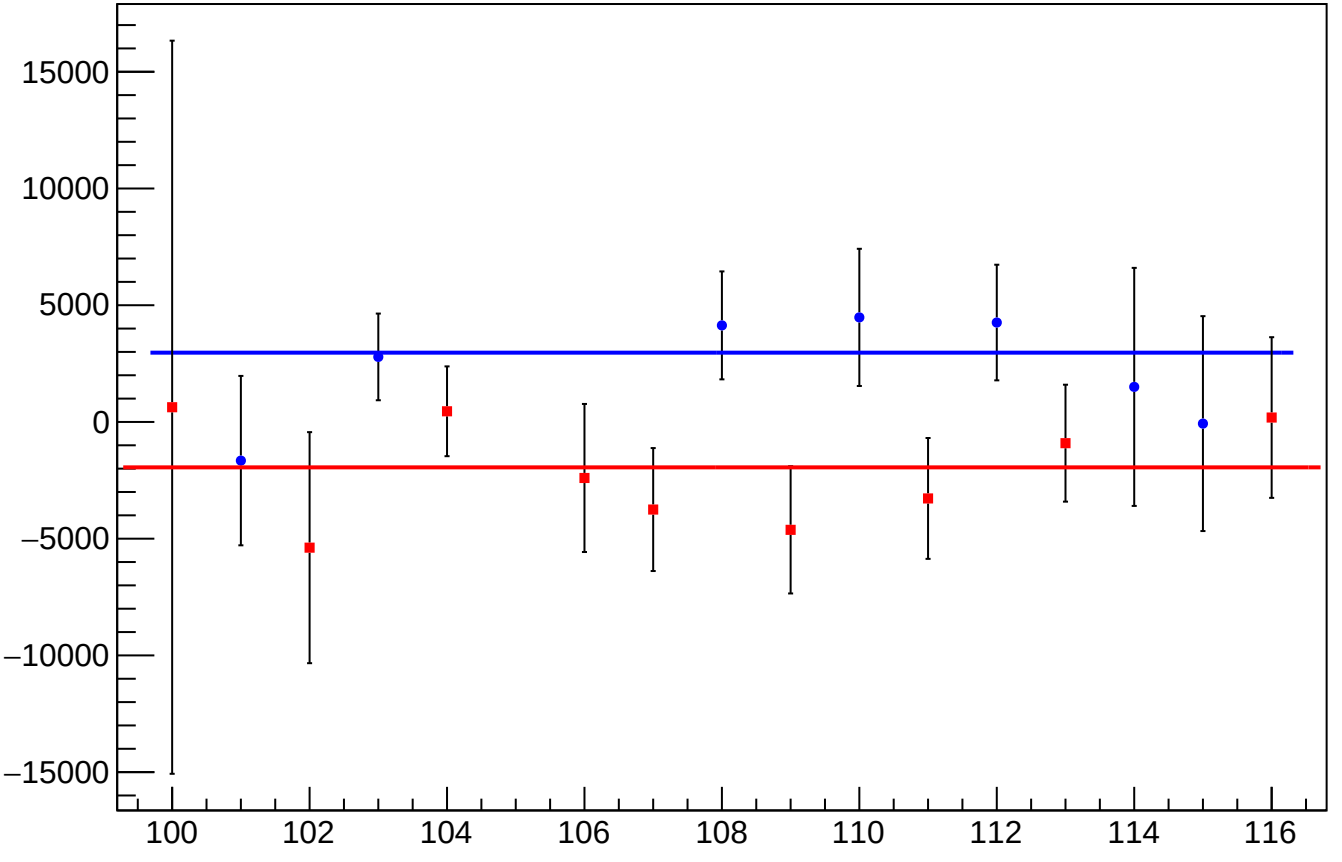
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2774.108+/-0.837 $\chi^2$/NDF: 861727.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_at2_avg_mean vs Slug




Right In: 2968.103+/-1043.828 $\chi^2$/NDF: 2.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1945.072+/-959.291 $\chi^2$/NDF: 4.3/8

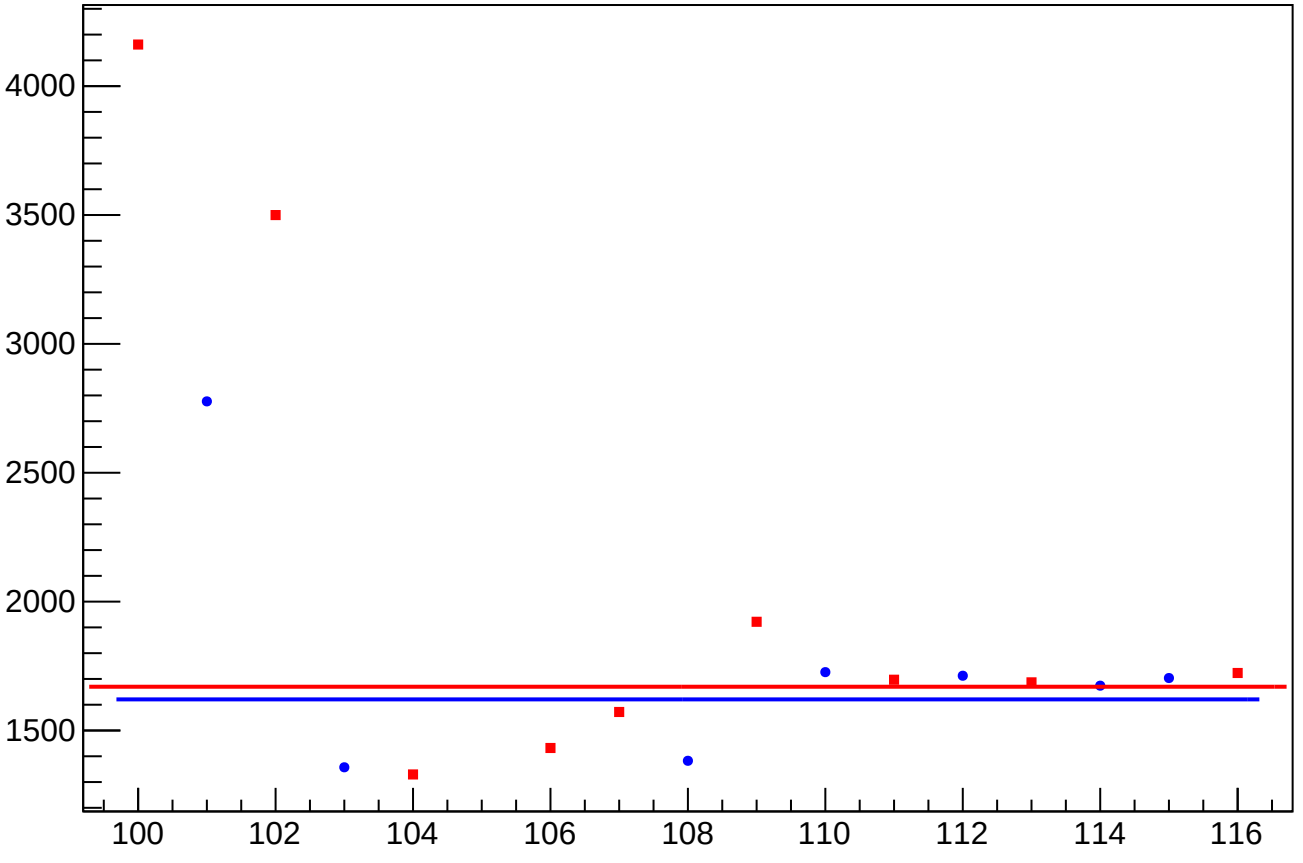
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 304.535+/-706.320 $\chi^2$/NDF: 19.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_at2_avg_rms vs Slug




Right In: 1620.703+/-0.738 $\chi^2$/NDF: 270842.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1669.794+/-0.678 $\chi^2$/NDF: 418563.6/8

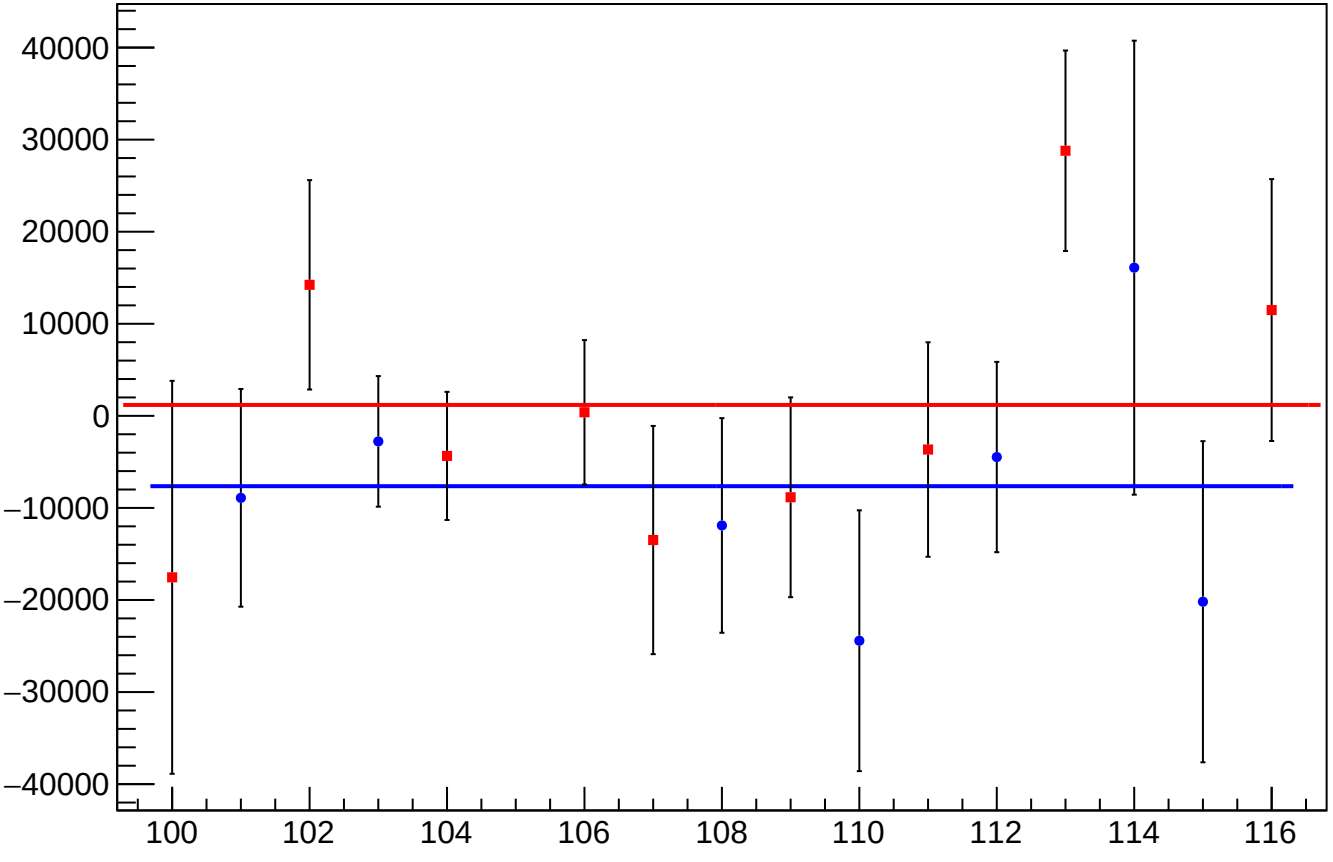
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1647.330+/-0.499 $\chi^2$/NDF: 691805.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_avg_correction_mean vs Slug




Right In: -7639.059+/-4316.251 $\chi^2$/NDF: 3.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1184.520+/-3479.537 $\chi^2$/NDF: 12.1/8

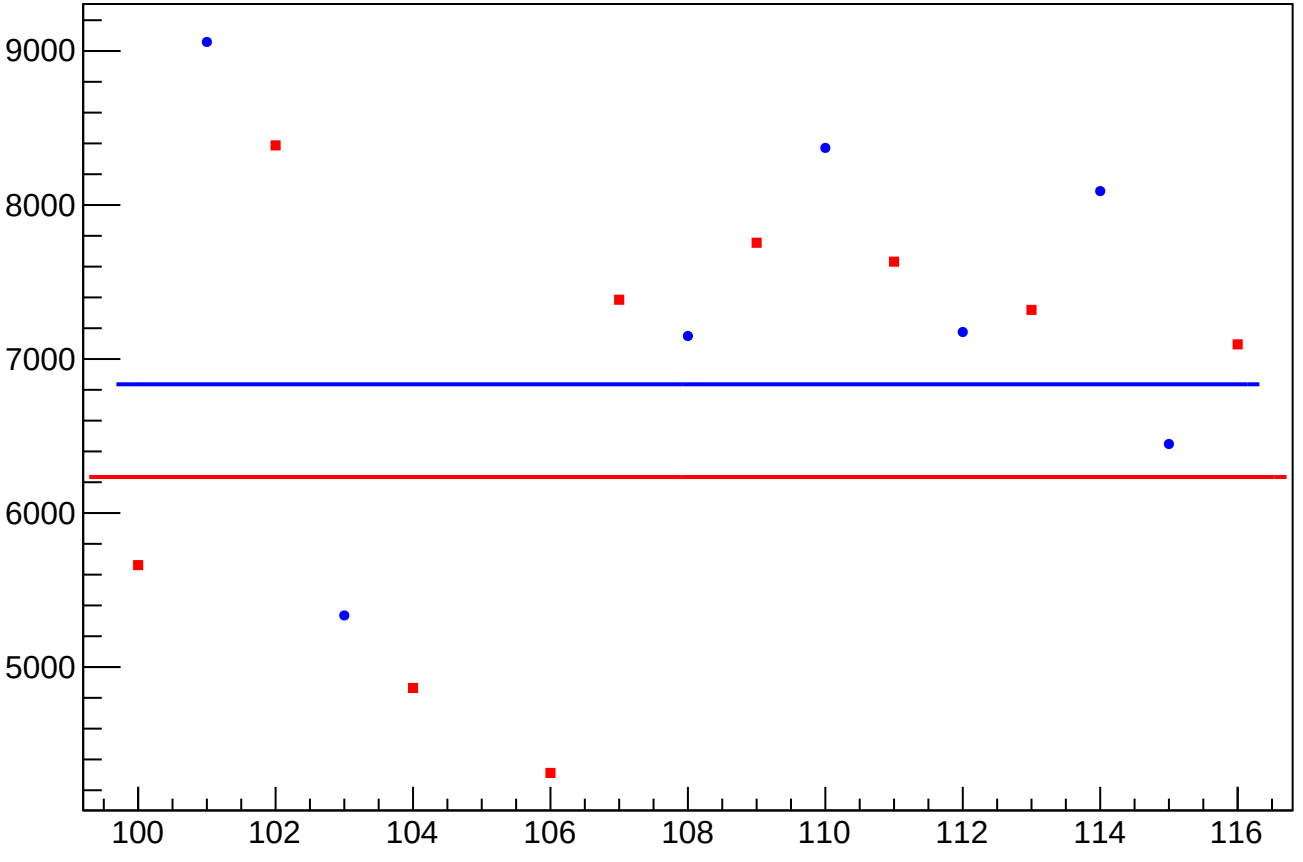
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2291.030+/-2708.919 $\chi^2$/NDF: 18.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_avg_correction_rms vs Slug




Right In: 6835.902+/-3.052 $\chi^2$/NDF: 193529.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 6233.962+/-2.460 $\chi^2$/NDF: 383289.8/8

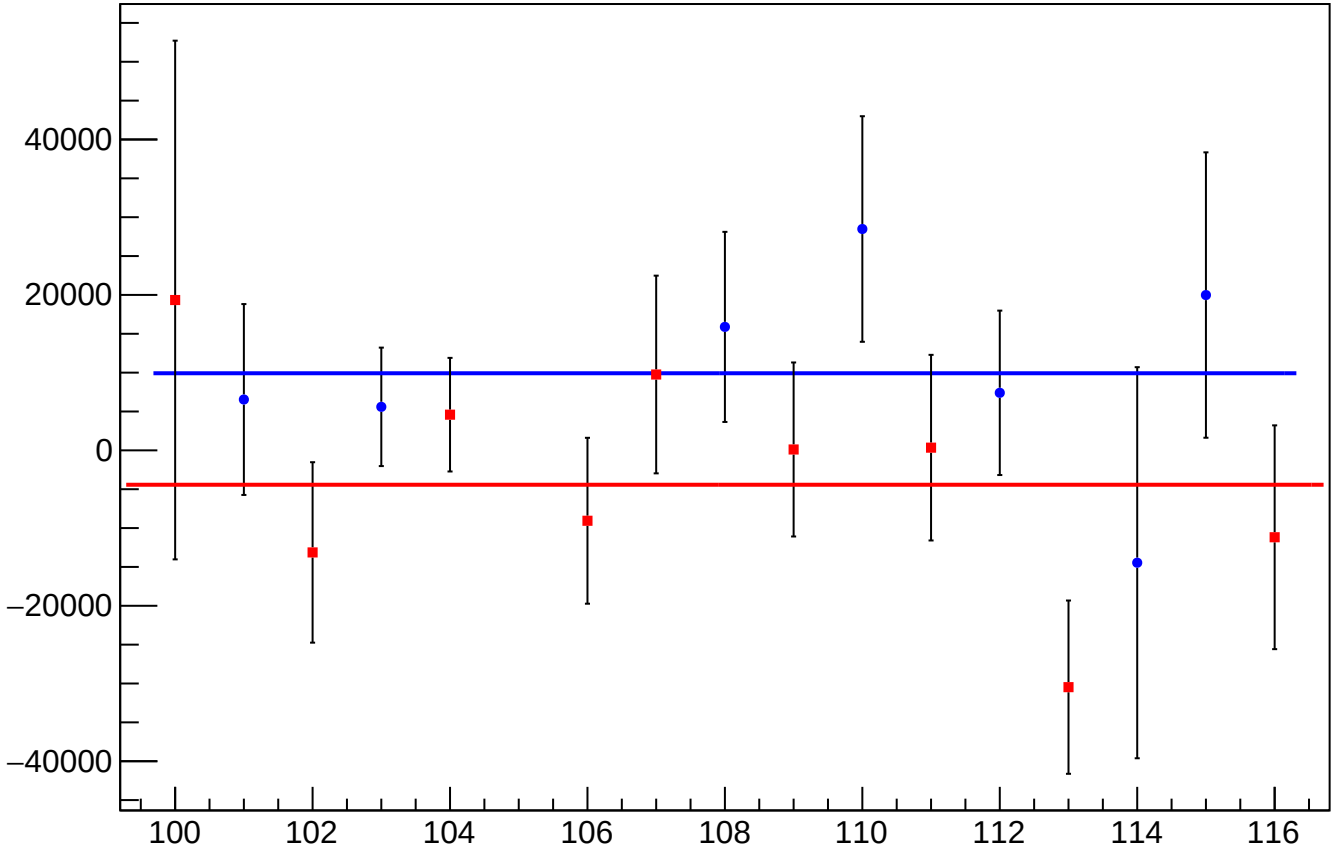
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 6471.062+/-1.915 $\chi^2$/NDF: 600395.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_avg_mean vs Slug




Right In: 9920.506+/-4528.496 $\chi^2$/NDF: 3.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -4425.376+/-3783.500 $\chi^2$/NDF: 10.0/8

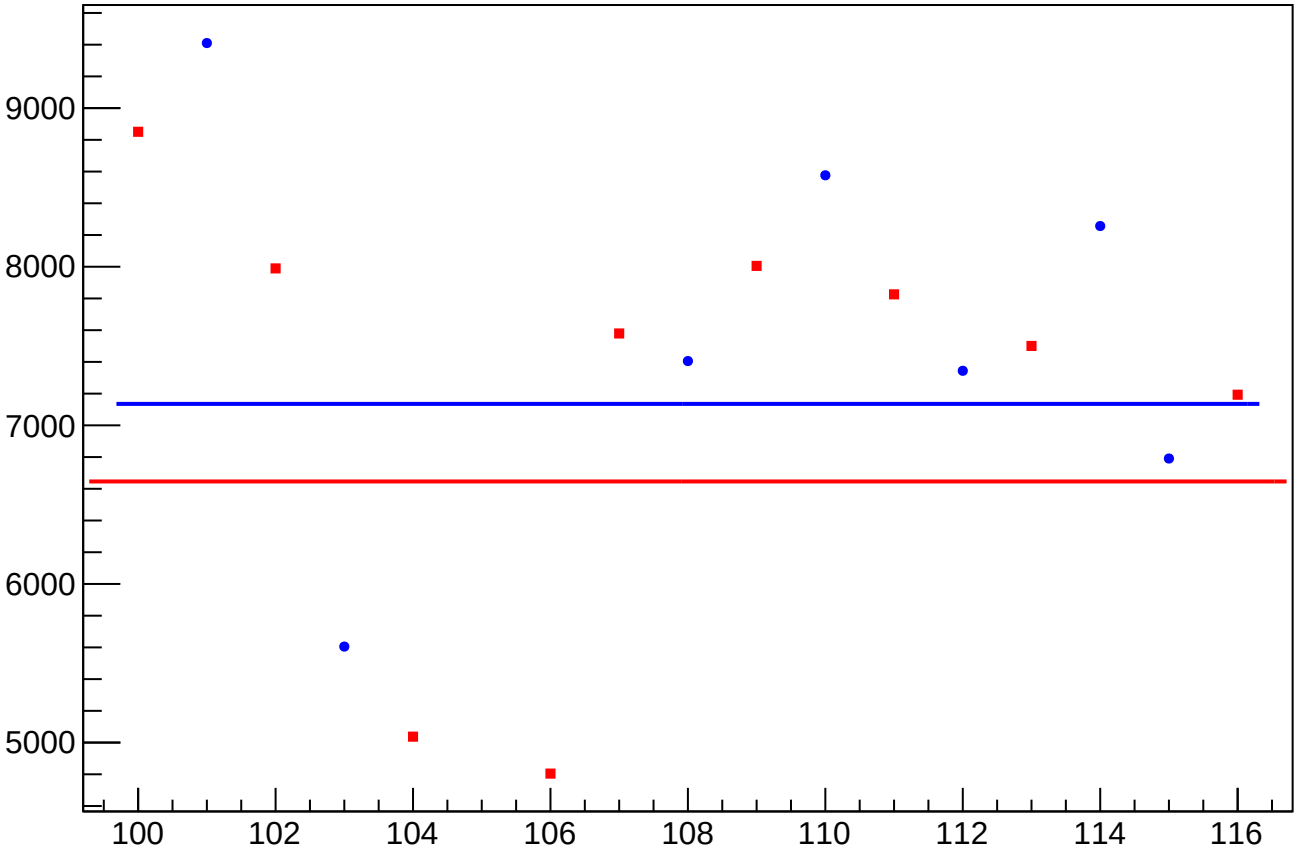
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1472.005+/-2903.487 $\chi^2$/NDF: 19.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_avg_rms vs Slug




Right In: 7135.264+/-3.202 $\chi^2$/NDF: 175420.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 6646.192+/-2.675 $\chi^2$/NDF: 266589.1/8

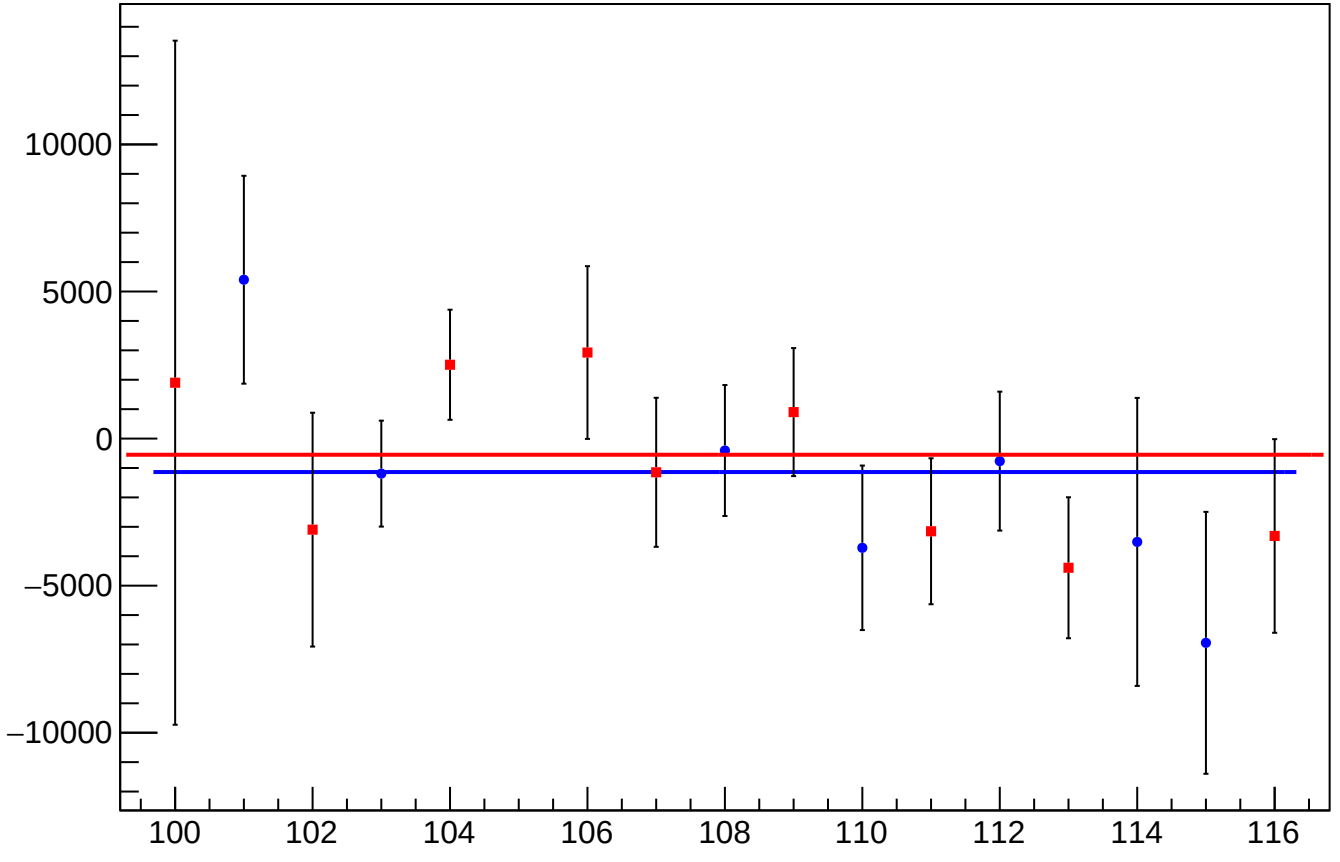
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 6847.200+/-2.053 $\chi^2$/NDF: 455750.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_at2_dd_mean vs Slug




Right In: -1137.694+/-1005.343 $\chi^2$/NDF: 6.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -549.622+/-888.053 $\chi^2$/NDF: 9.4/8

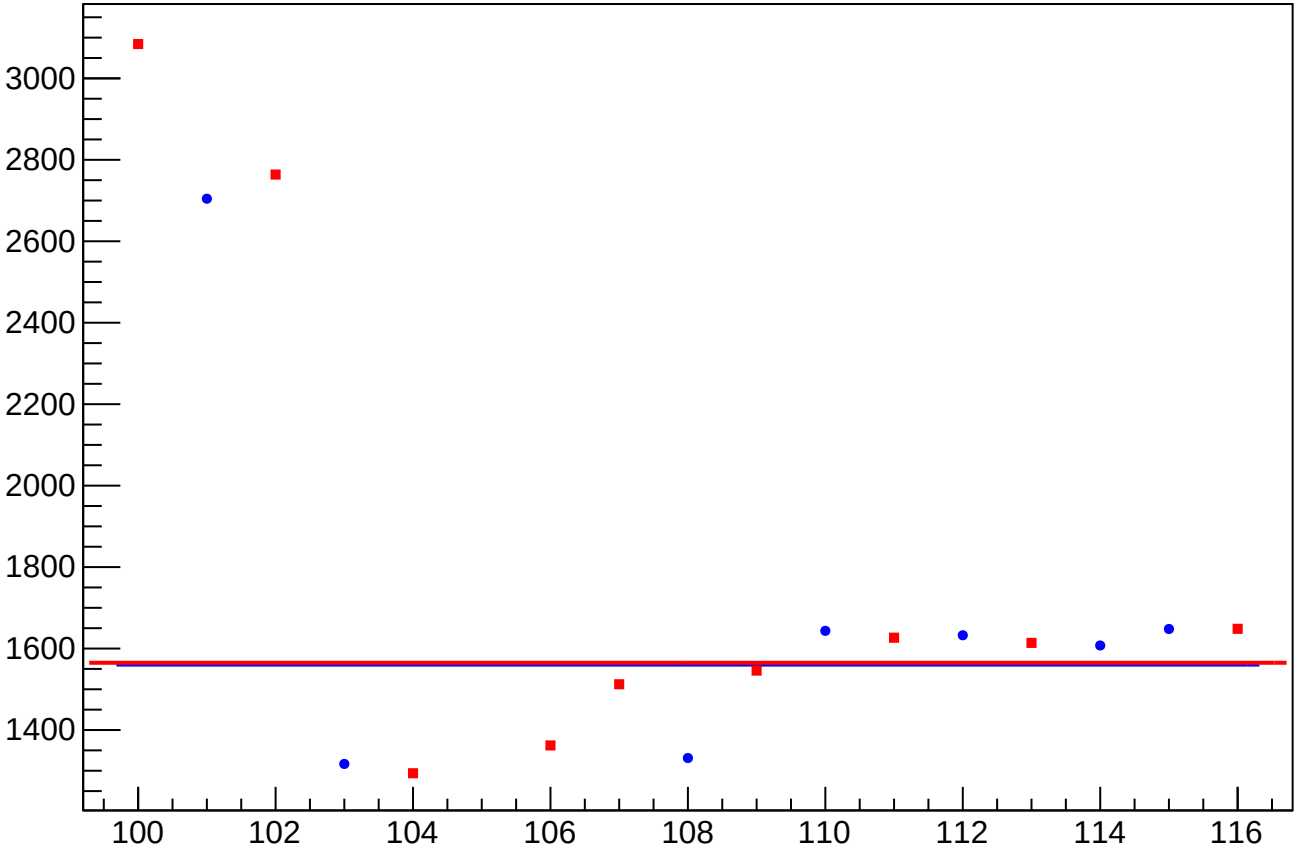
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -807.368+/-665.572 $\chi^2$/NDF: 15.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_at2_dd_rms vs Slug




Right In: 1560.639+/-0.711 $\chi^2$/NDF: 272077.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1565.117+/-0.628 $\chi^2$/NDF: 271979.6/8

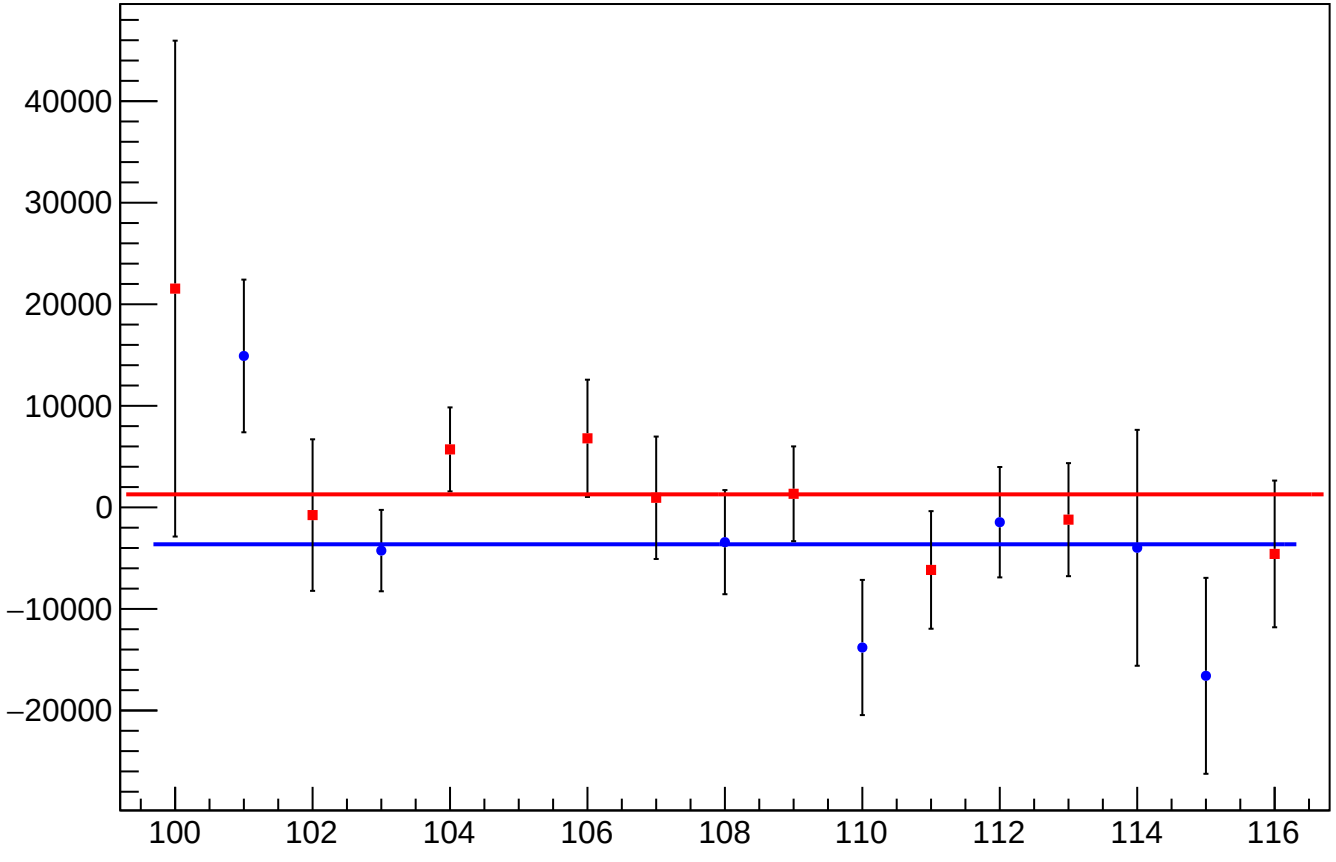
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1563.154+/-0.471 $\chi^2$/NDF: 544079.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_dd_correction_mean vs Slug




Right In: -3634.083+/-2278.571 $\chi^2$/NDF: 10.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1283.069+/-1950.629 $\chi^2$/NDF: 5.3/8

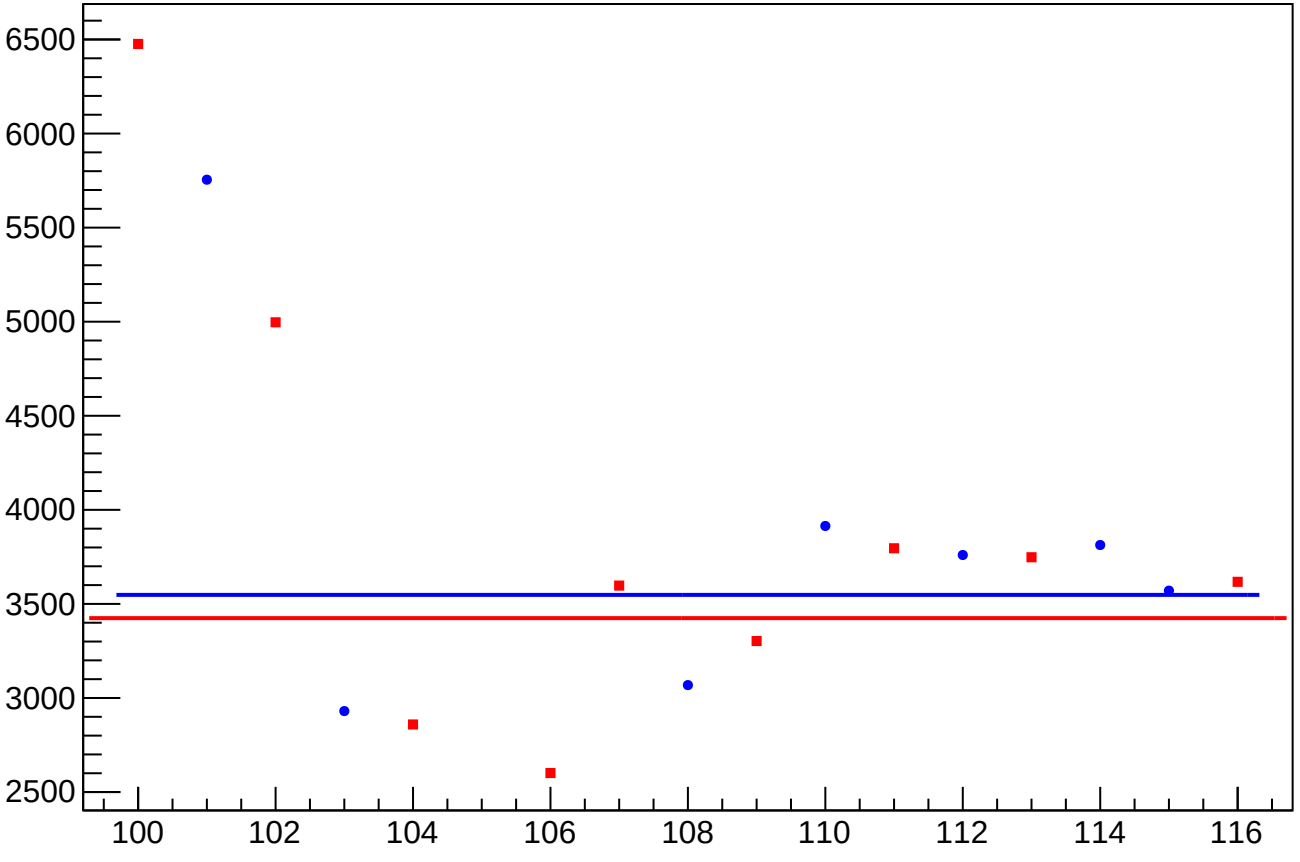
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -796.499+/-1481.809 $\chi^2$/NDF: 18.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_dd_correction_rms vs Slug




Right In: 3548.014+/-1.611 $\chi^2$/NDF: 247523.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3424.466+/-1.379 $\chi^2$/NDF: 217560.6/8

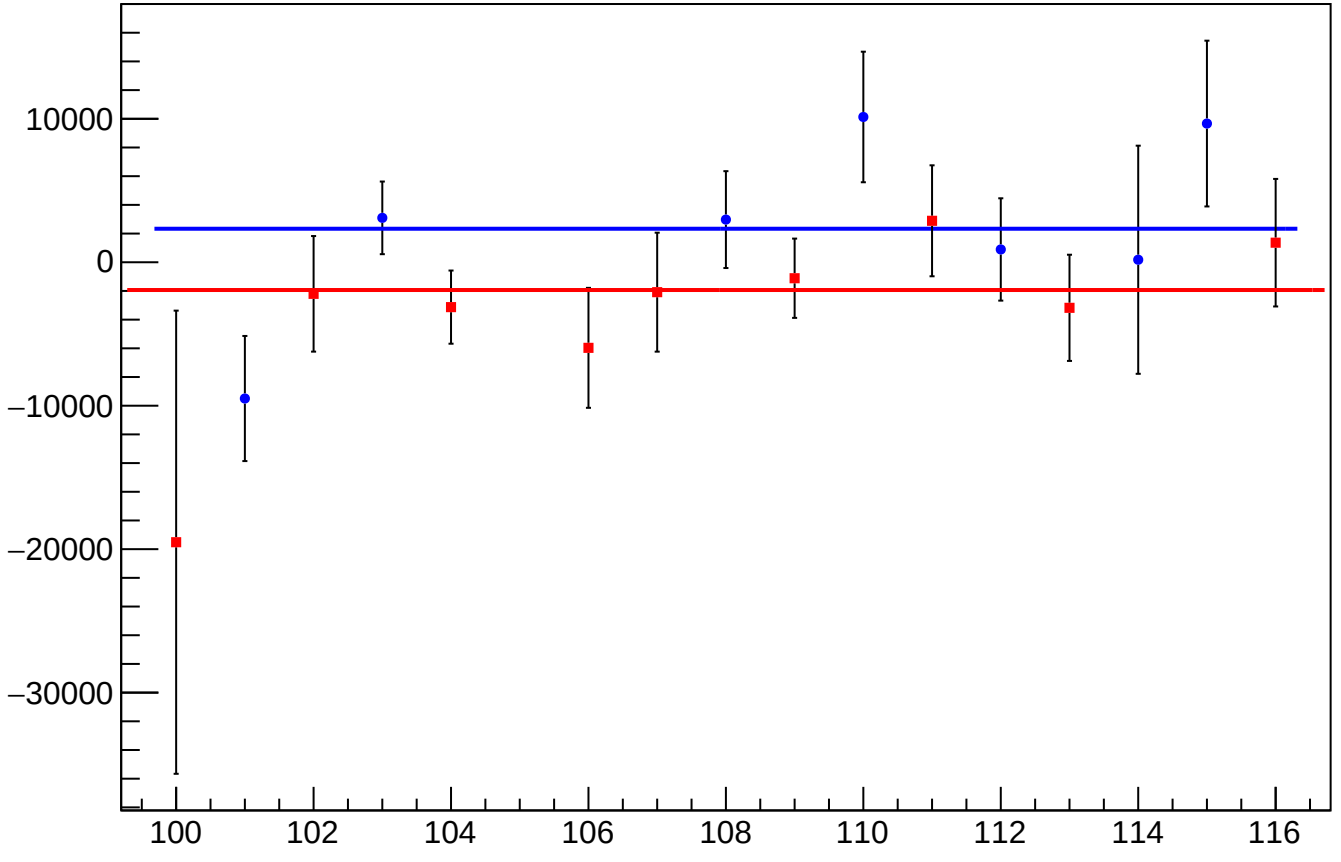
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3476.715+/-1.048 $\chi^2$/NDF: 468477.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_dd_mean vs Slug




Right In: 2336.462+/-1460.213 $\chi^2$/NDF: 12.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1935.223+/-1234.673 $\chi^2$/NDF: 4.6/8

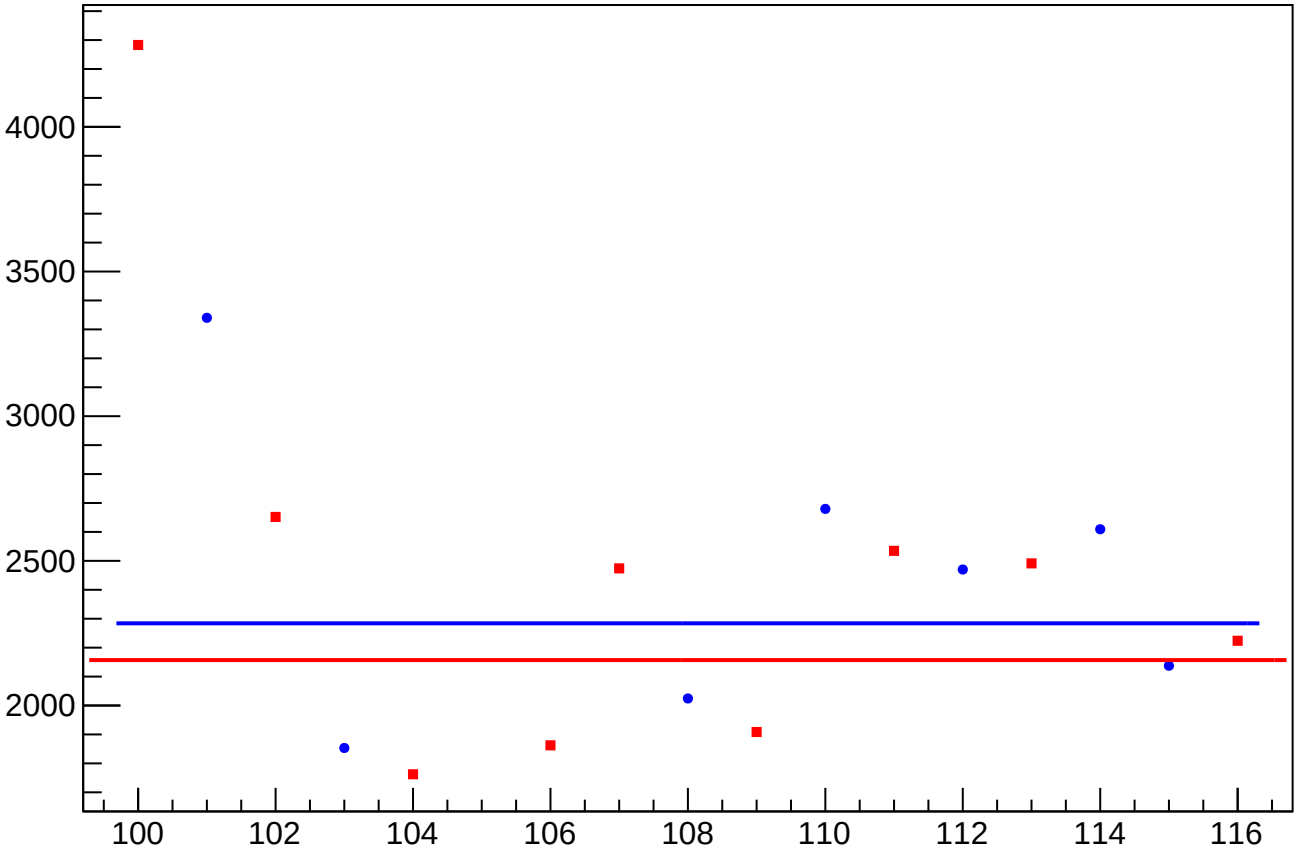
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -154.399+/-942.817 $\chi^2$/NDF: 21.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_at2_dd_rms vs Slug




Right In: 2284.068+/-1.033 $\chi^2$/NDF: 212191.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2157.020+/-0.873 $\chi^2$/NDF: 186387.5/8

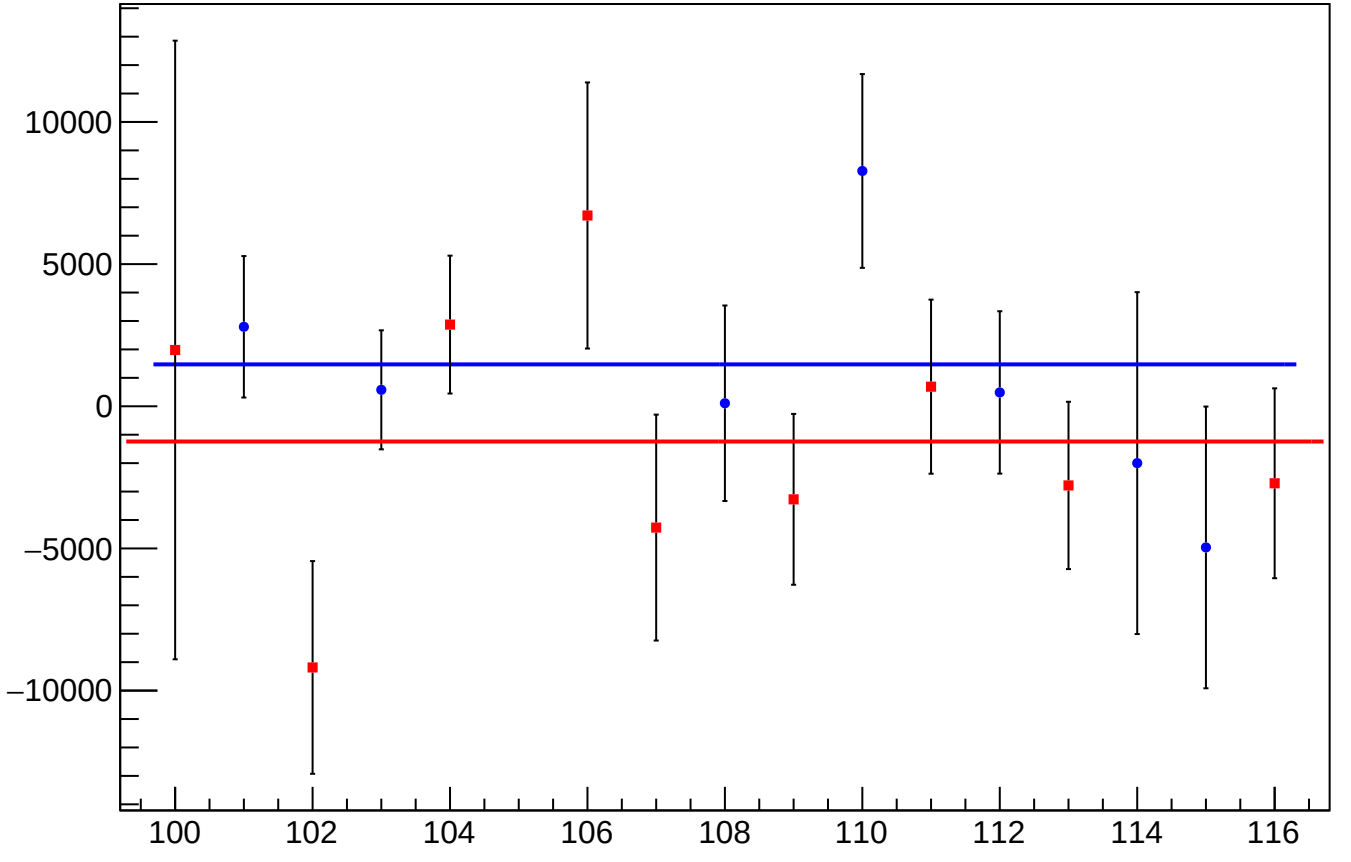
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2209.985+/-0.667 $\chi^2$/NDF: 407407.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_avg_mean vs Slug




Right In: 1473.613+/-1153.501 $\chi^2$/NDF: 6.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1239.051+/-1131.034 $\chi^2$/NDF: 12.3/8

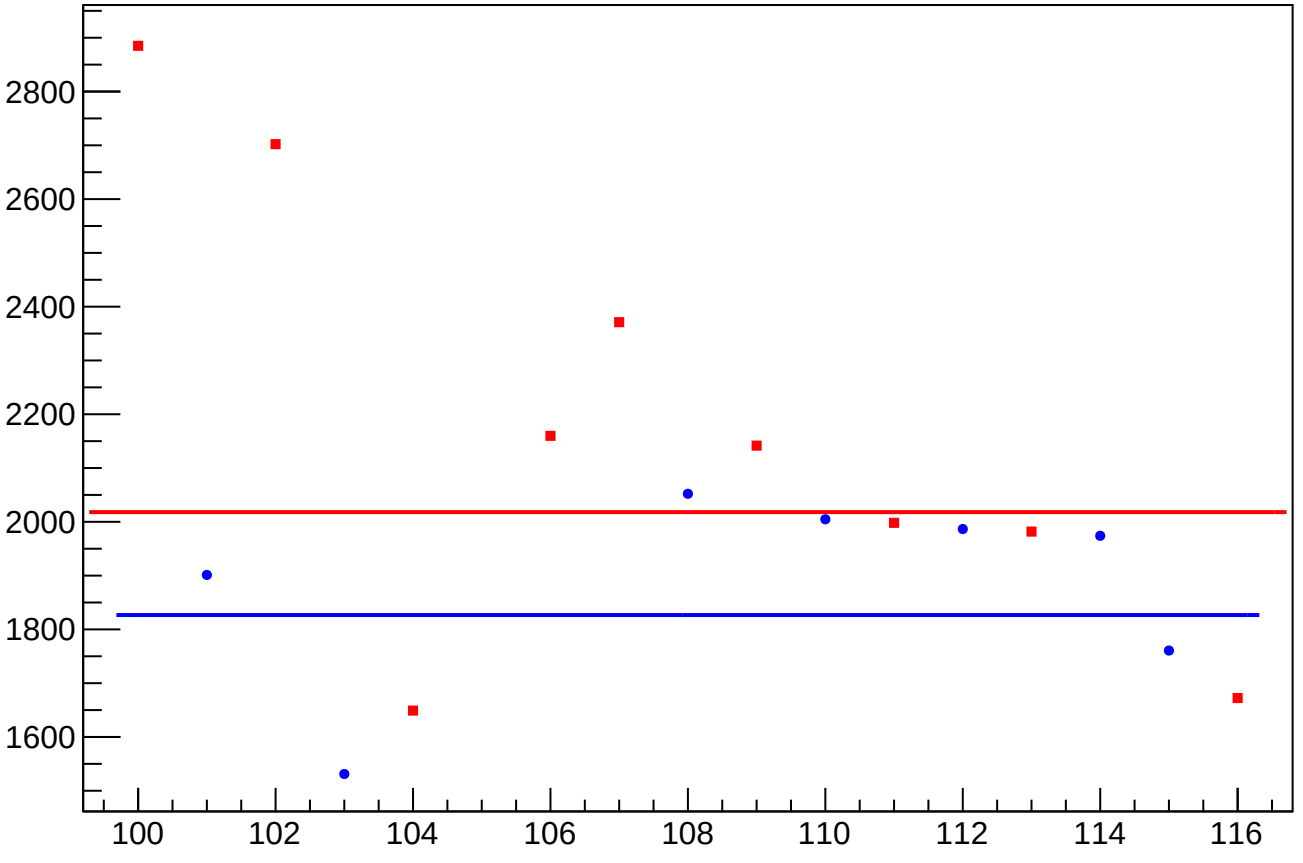
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 90.605+/-807.588 $\chi^2$/NDF: 21.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_avg_rms vs Slug




Right In: 1826.661+/-0.816 $\chi^2$/NDF: 63563.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2018.045+/-0.795 $\chi^2$/NDF: 169124.0/8

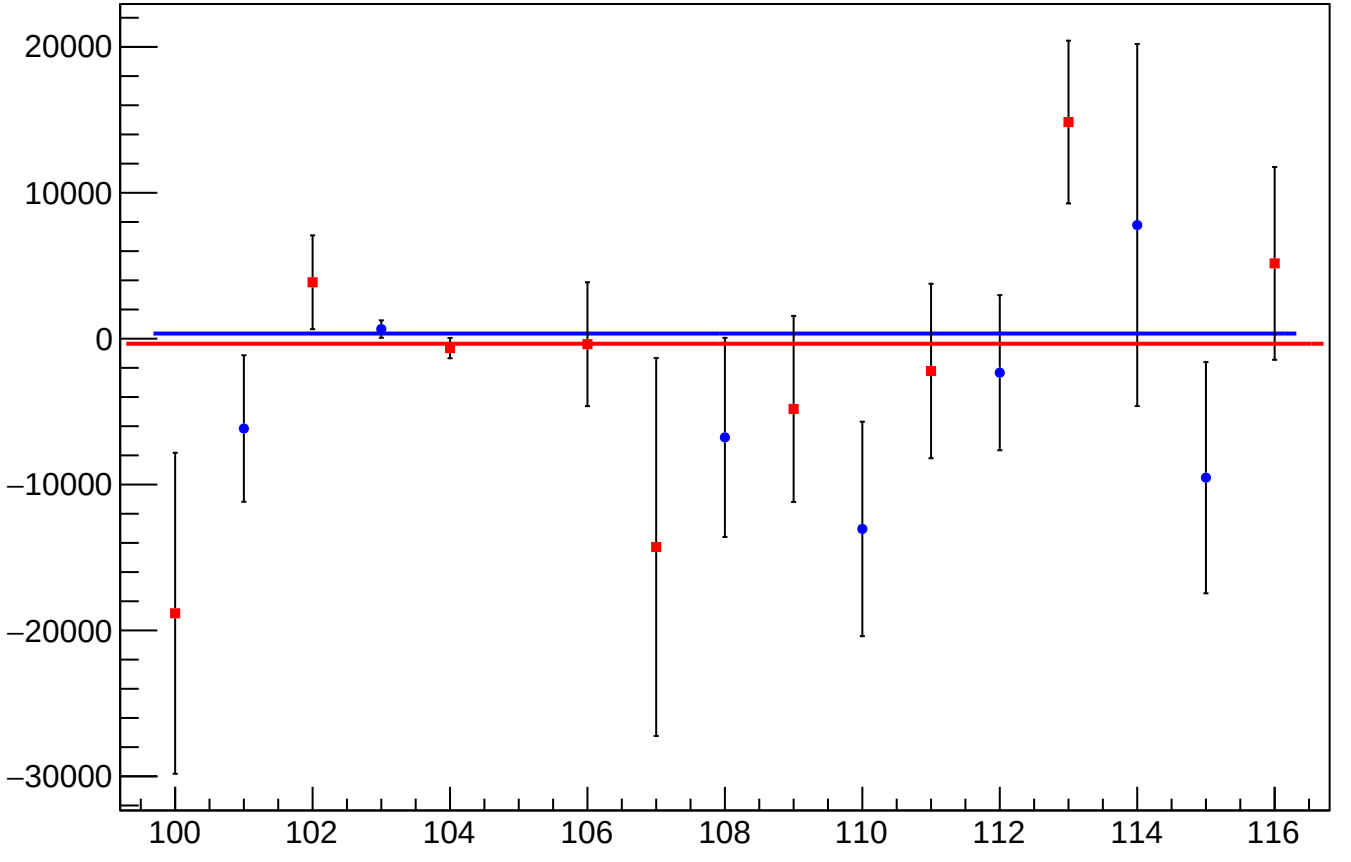
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1924.788+/-0.569 $\chi^2$/NDF: 260915.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_correction_mean vs Slug




Right In: 352.721+/-582.383 $\chi^2$/NDF: 8.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -346.192+/-652.467 $\chi^2$/NDF: 14.6/8

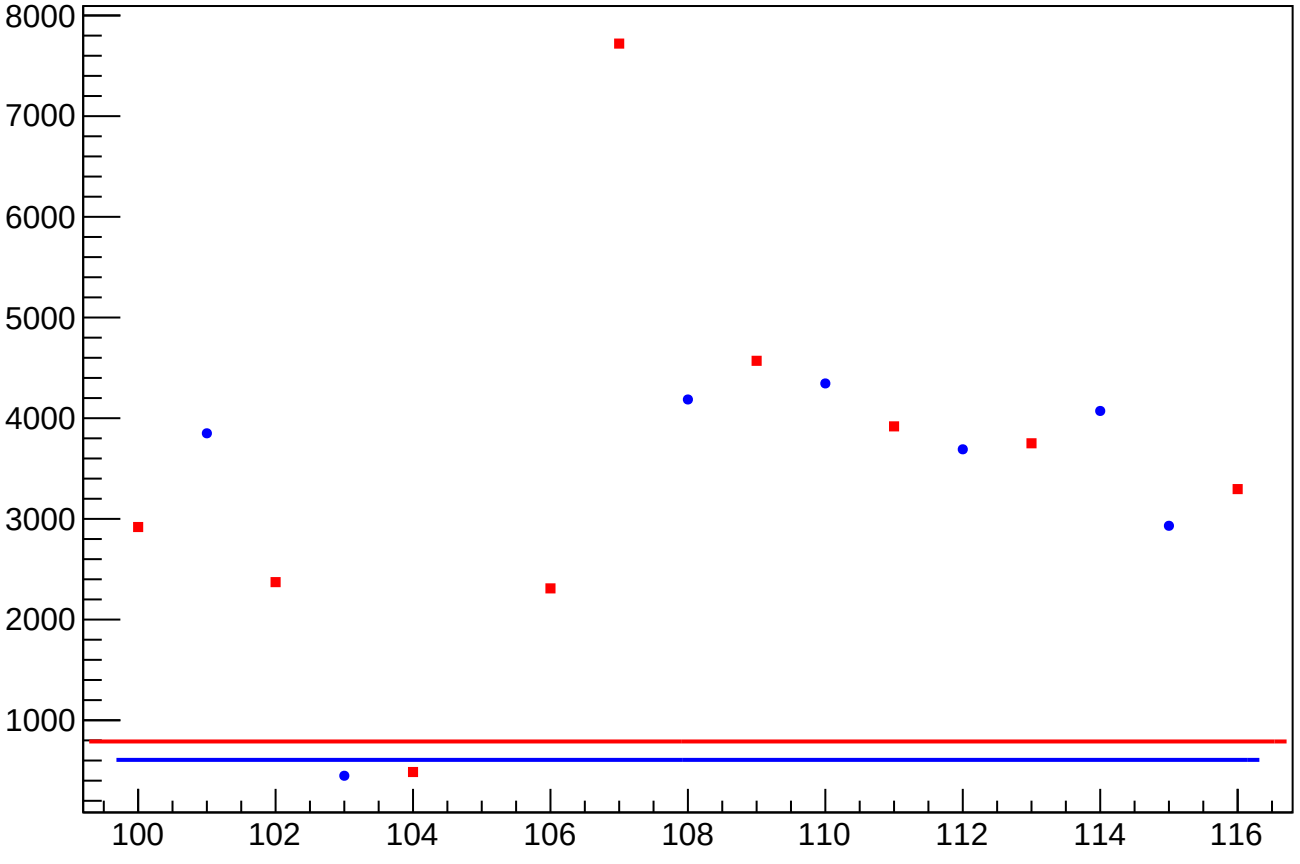
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 42.804+/-434.480 $\chi^2$/NDF: 23.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_correction_rms vs Slug




Right In: 606.438+/-0.412 $\chi^2$/NDF: 3042612.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 789.243+/-0.461 $\chi^2$/NDF: 3872446.5/8

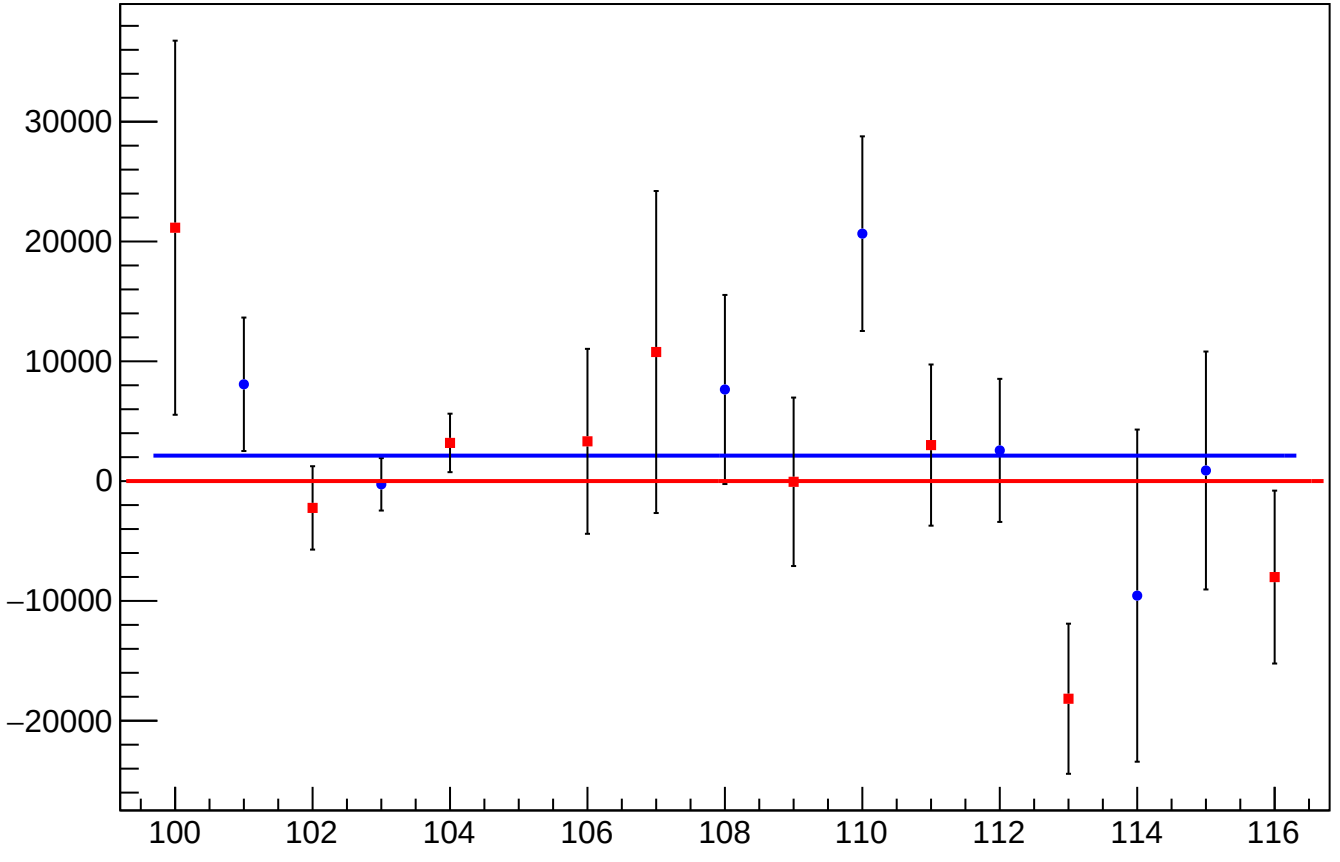
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 687.499+/-0.307 $\chi^2$/NDF: 7002438.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_mean vs Slug




Right In: 2127.655+/-1780.000 $\chi^2$/NDF: 8.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 4.277+/-1657.578 $\chi^2$/NDF: 14.6/8

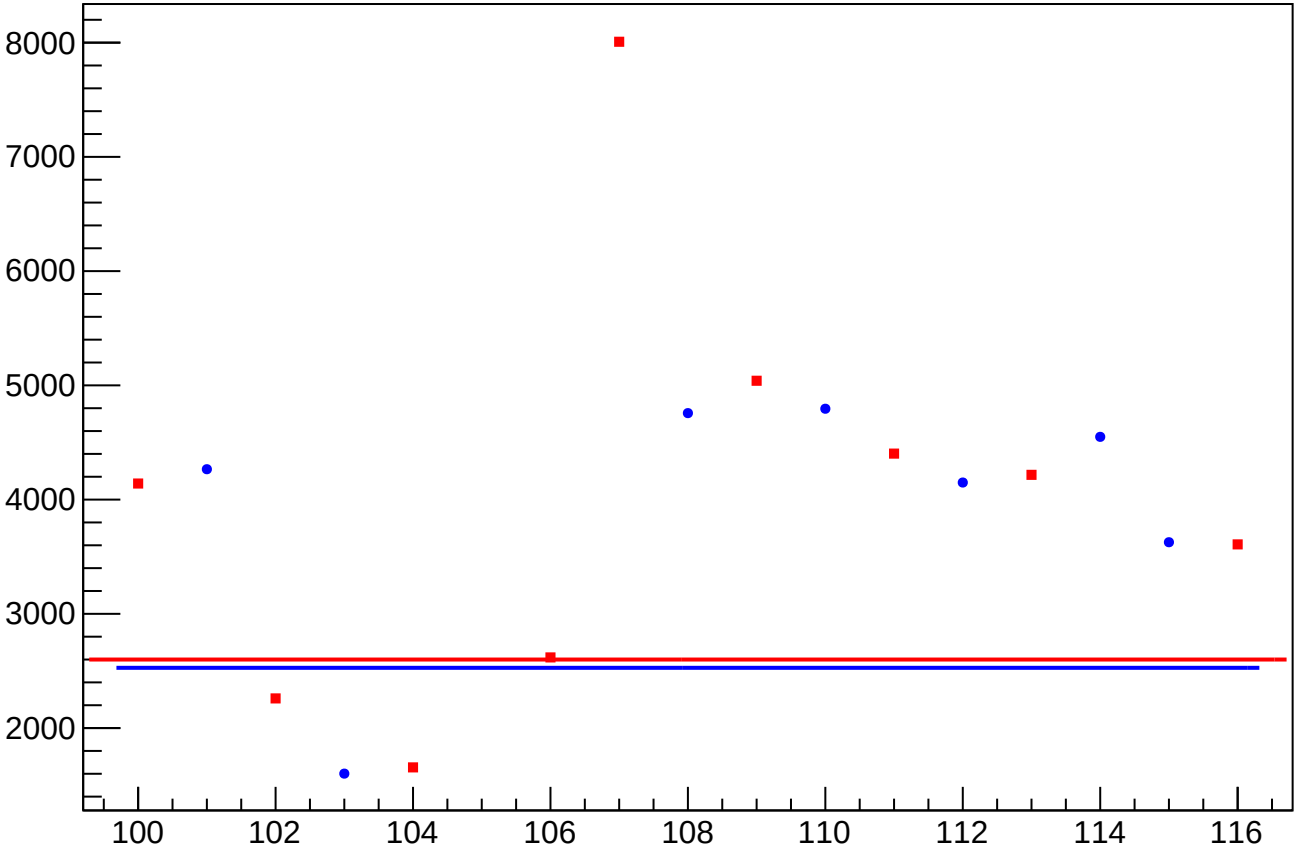
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 990.442+/-1213.057 $\chi^2$/NDF: 24.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_rms vs Slug




Right In: 2527.492+/-1.259 $\chi^2$/NDF: 1083188.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2600.016+/-1.144 $\chi^2$/NDF: 1218616.2/8

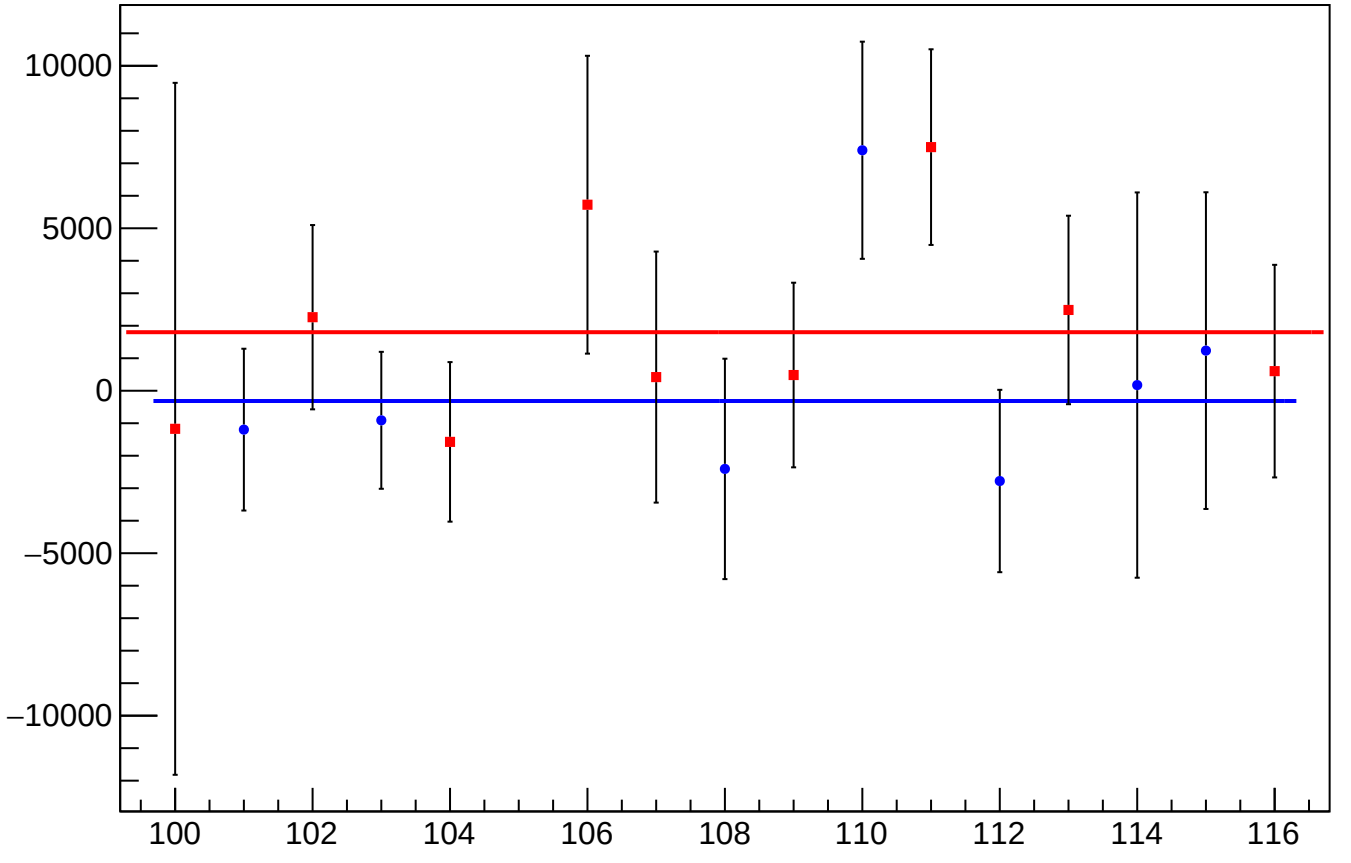
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2567.197+/-0.847 $\chi^2$/NDF: 2303622.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_dd_mean vs Slug




Right In: -315.827+/-1146.703 $\chi^2$/NDF: 6.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1801.732+/-1078.243 $\chi^2$/NDF: 6.8/8

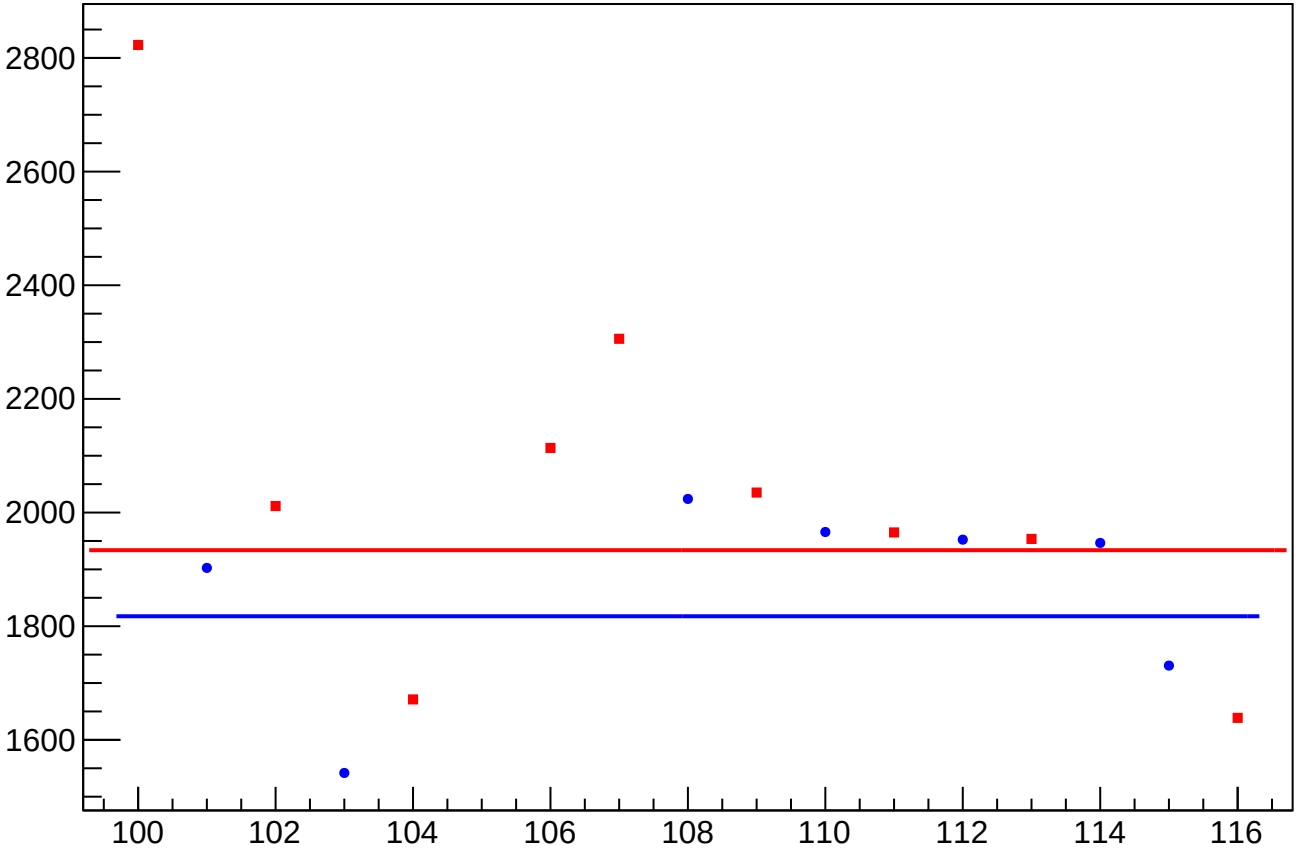
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 808.047+/-785.521 $\chi^2$/NDF: 15.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_dd_rms vs Slug




Right In: 1817.515+/-0.811 $\chi^2$/NDF: 54119.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1933.764+/-0.758 $\chi^2$/NDF: 79711.0/8

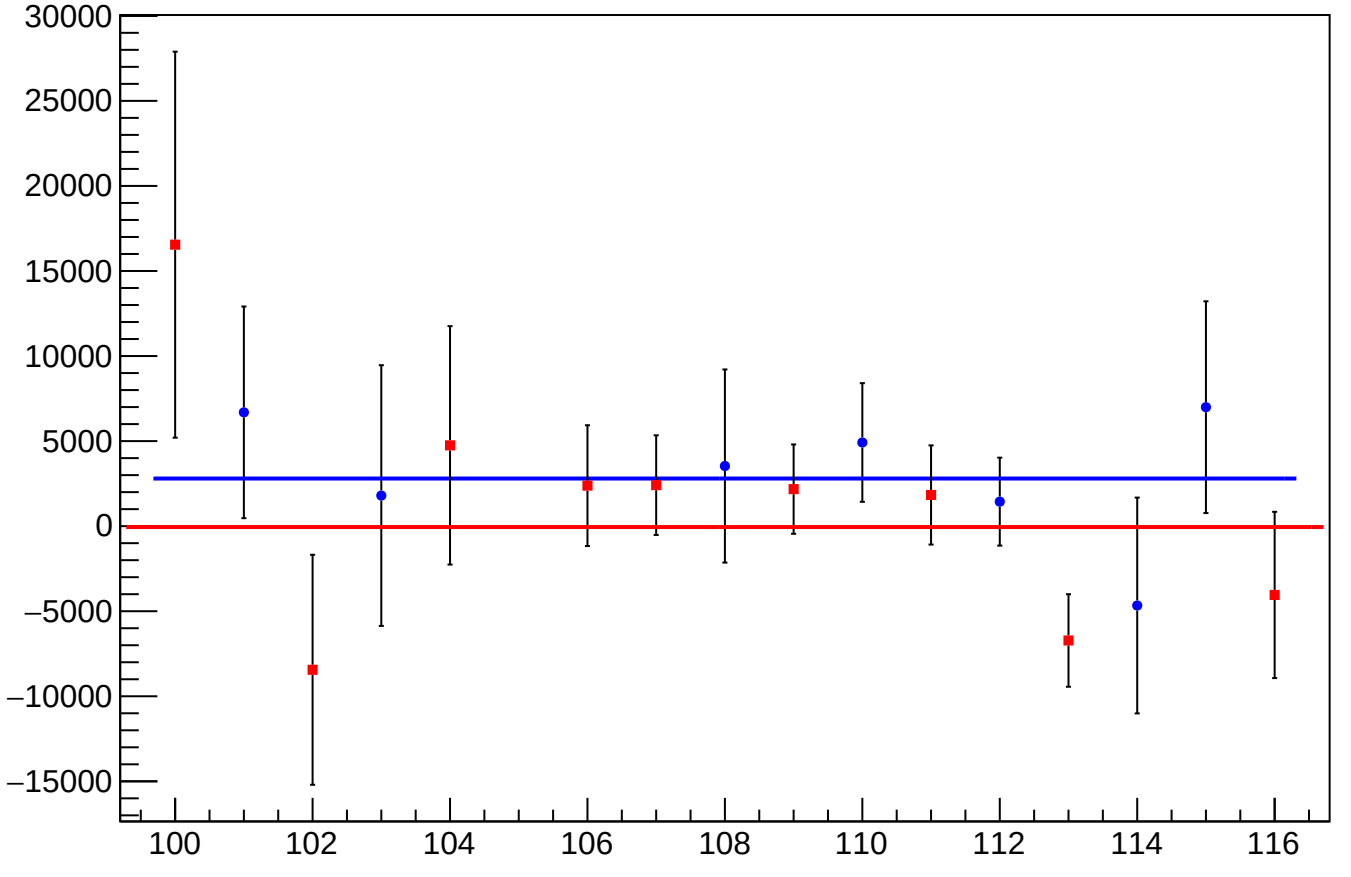
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1879.538+/-0.554 $\chi^2$/NDF: 144797.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_correction_mean vs Slug




Right In: 2799.849+/-1675.044 $\chi^2$/NDF: 2.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -52.024+/-1207.700 $\chi^2$/NDF: 13.1/8

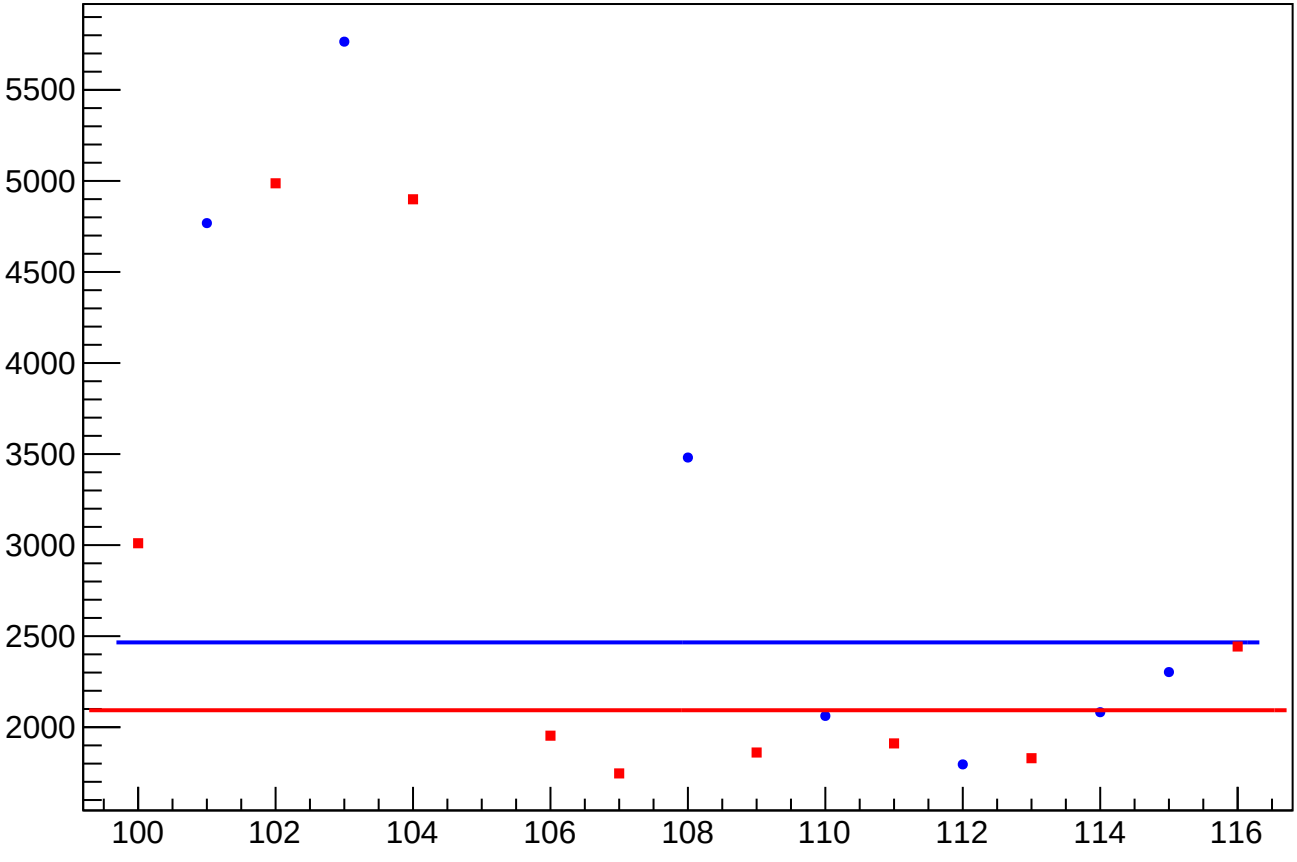
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 923.413+/-979.627 $\chi^2$/NDF: 18.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_correction_rms vs Slug




Right In: 2465.645+/-1.184 $\chi^2$/NDF: 878424.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

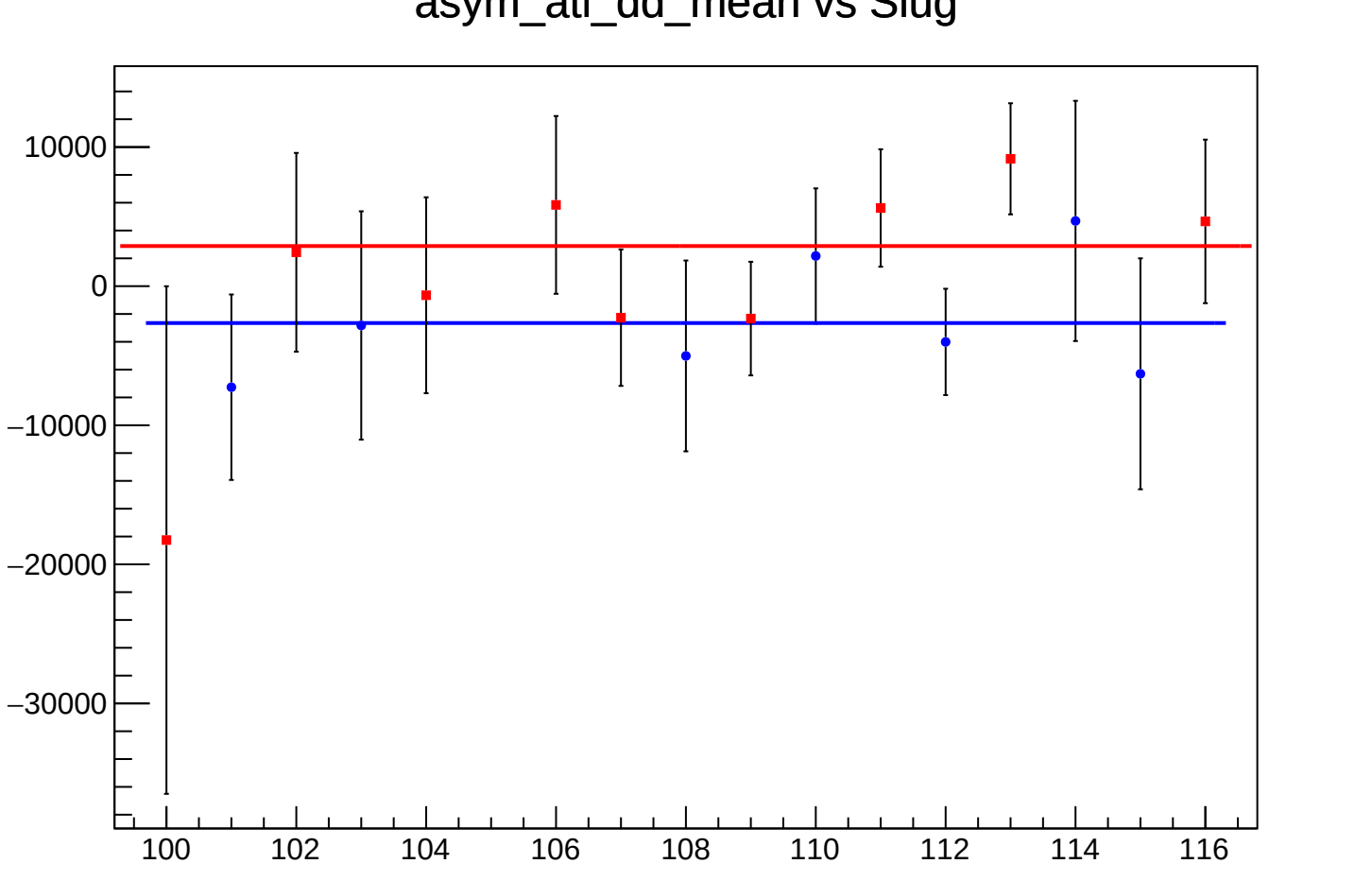
Right Out: 2093.092+/-0.854 $\chi^2$/NDF: 783808.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2220.518+/-0.693 $\chi^2$/NDF: 1727329.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -2650.764+/-2251.188 $\chi^2$/NDF: 2.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2884.206+/-1777.463 $\chi^2$/NDF: 7.5/8

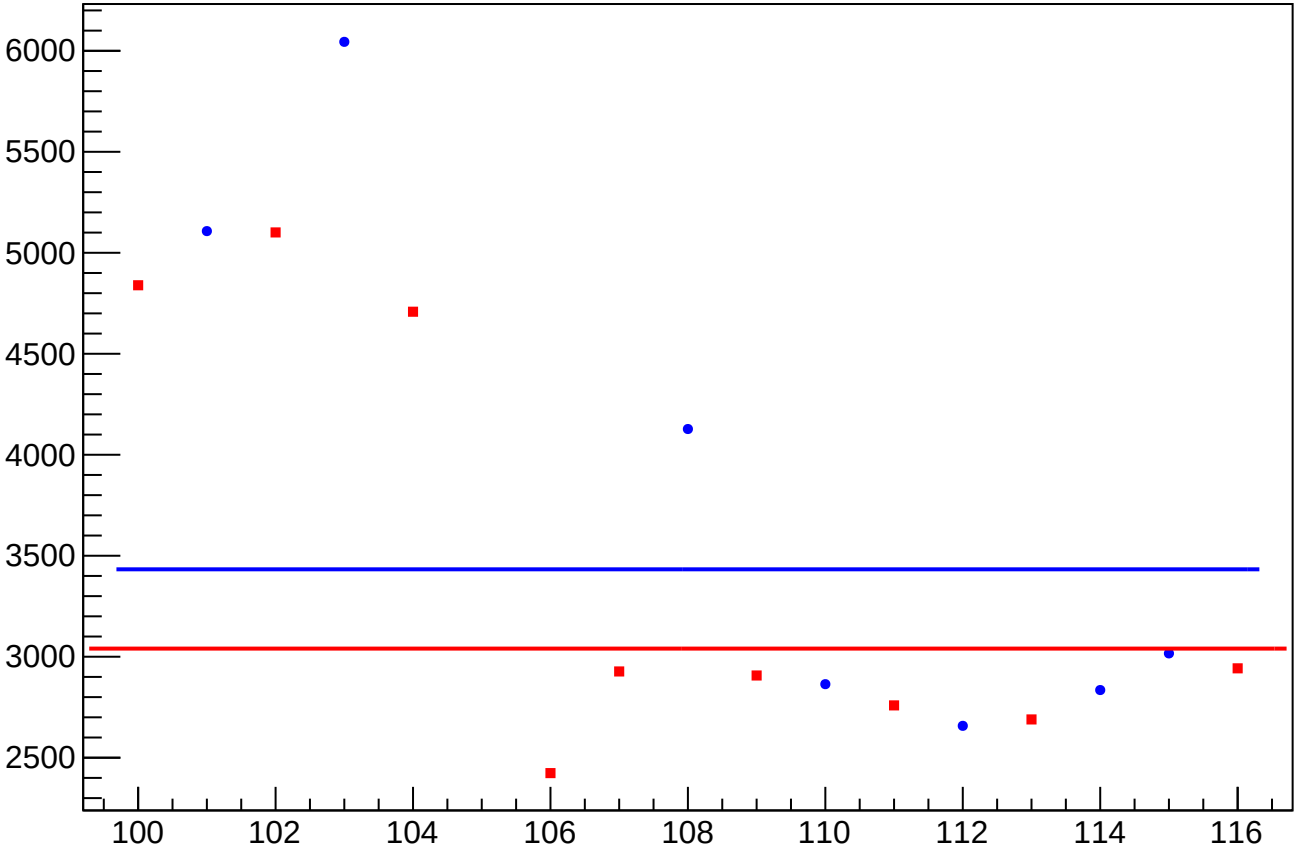
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 758.696+/-1395.037 $\chi^2$/NDF: 13.9/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_rms vs Slug




Right In: 3432.771+/-1.592 $\chi^2$/NDF: 473426.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3040.259+/-1.223 $\chi^2$/NDF: 358307.4/8

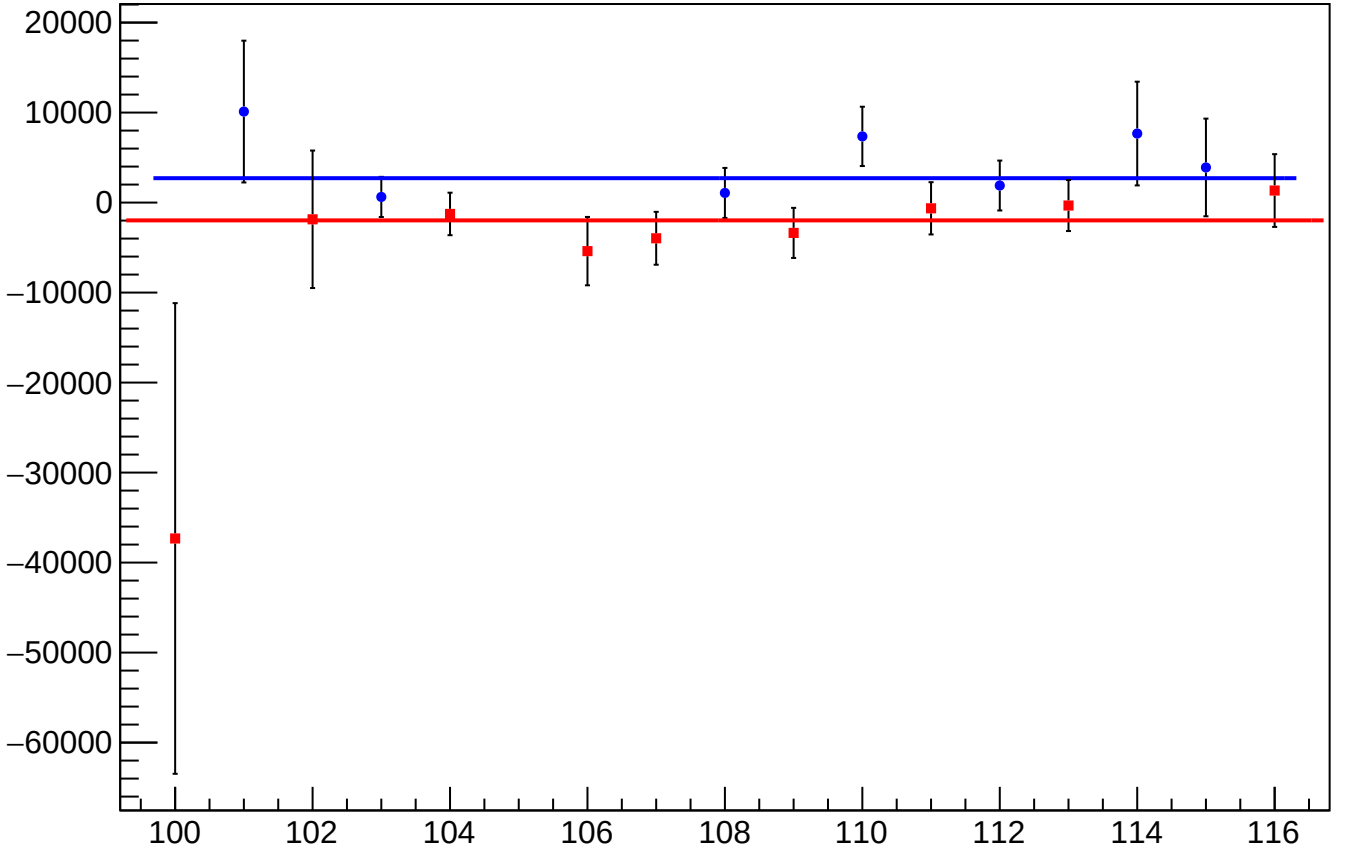
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3185.921+/-0.970 $\chi^2$/NDF: 869972.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr_avg_mean vs Slug




Right In: 2710.373+/-1257.109 $\chi^2$/NDF: 5.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1979.148+/-1106.705 $\chi^2$/NDF: 4.7/8

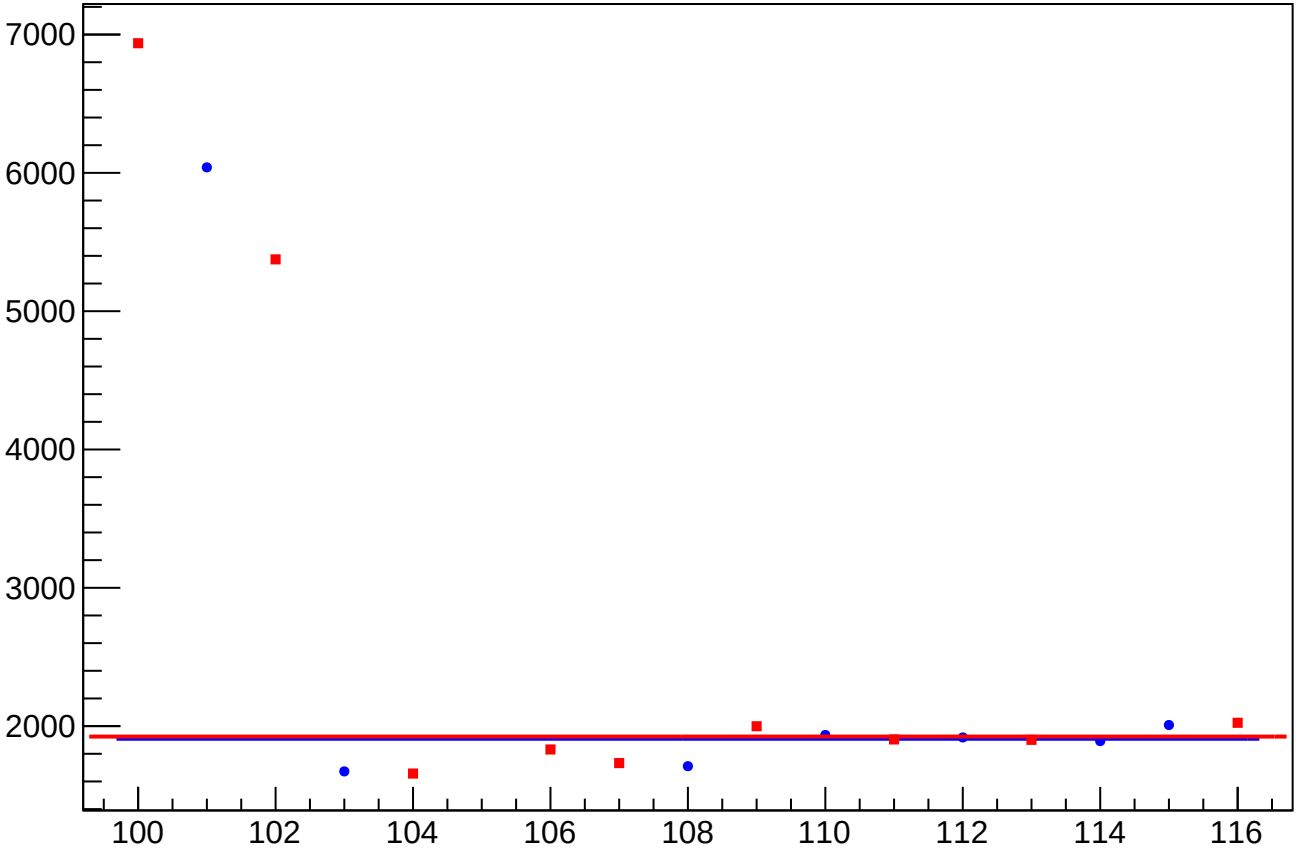
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 68.433+/-830.671 $\chi^2$/NDF: 17.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr_avg_rms vs Slug




Right In: 1908.798+/-0.889 $\chi^2$/NDF: 583409.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

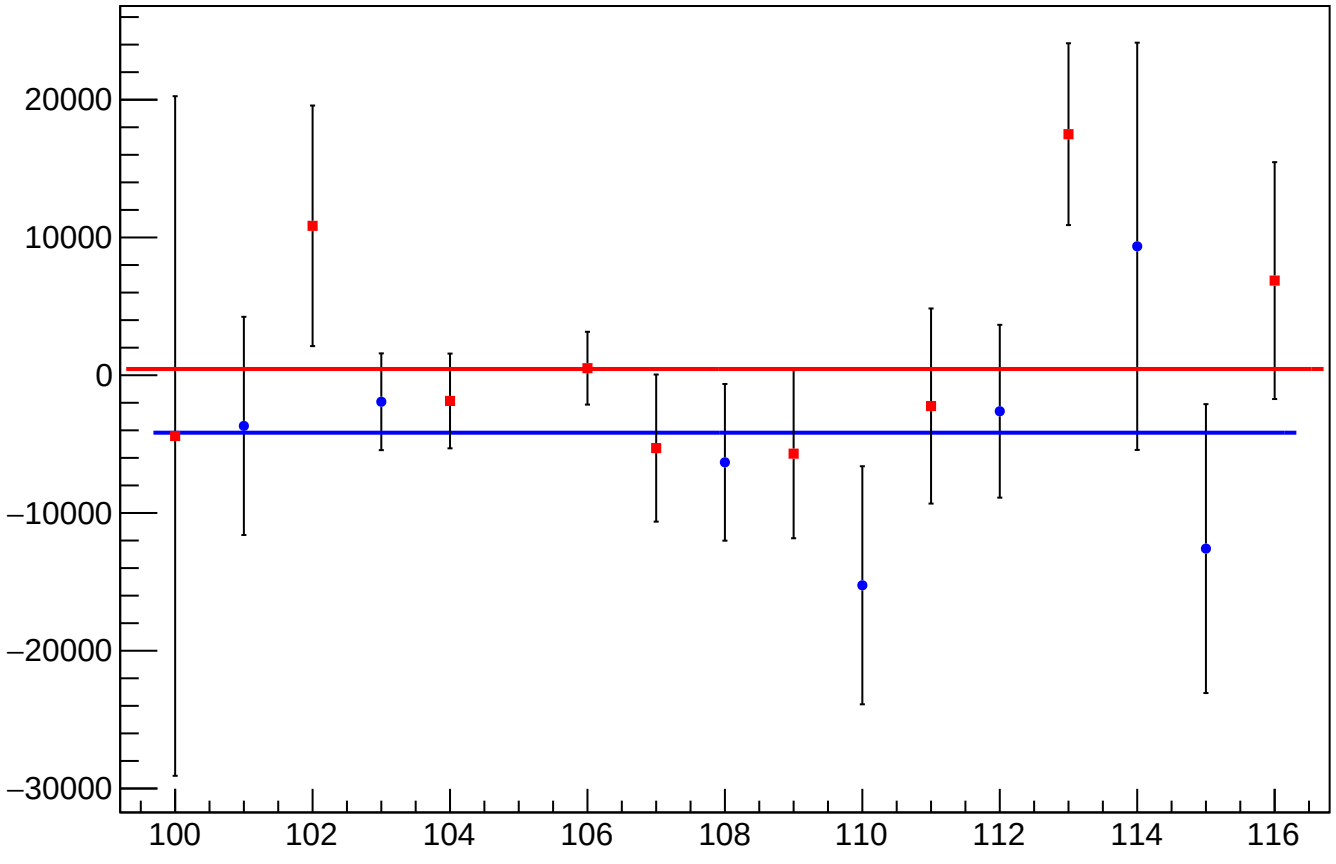
Right Out: 1924.470+/-0.782 $\chi^2$/NDF: 519953.5/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1917.637+/-0.587 $\chi^2$/NDF: 1103538.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -4171.620+/-2354.333 $\chi^2$/NDF: 3.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 454.348+/-1665.522 $\chi^2$/NDF: 11.4/8

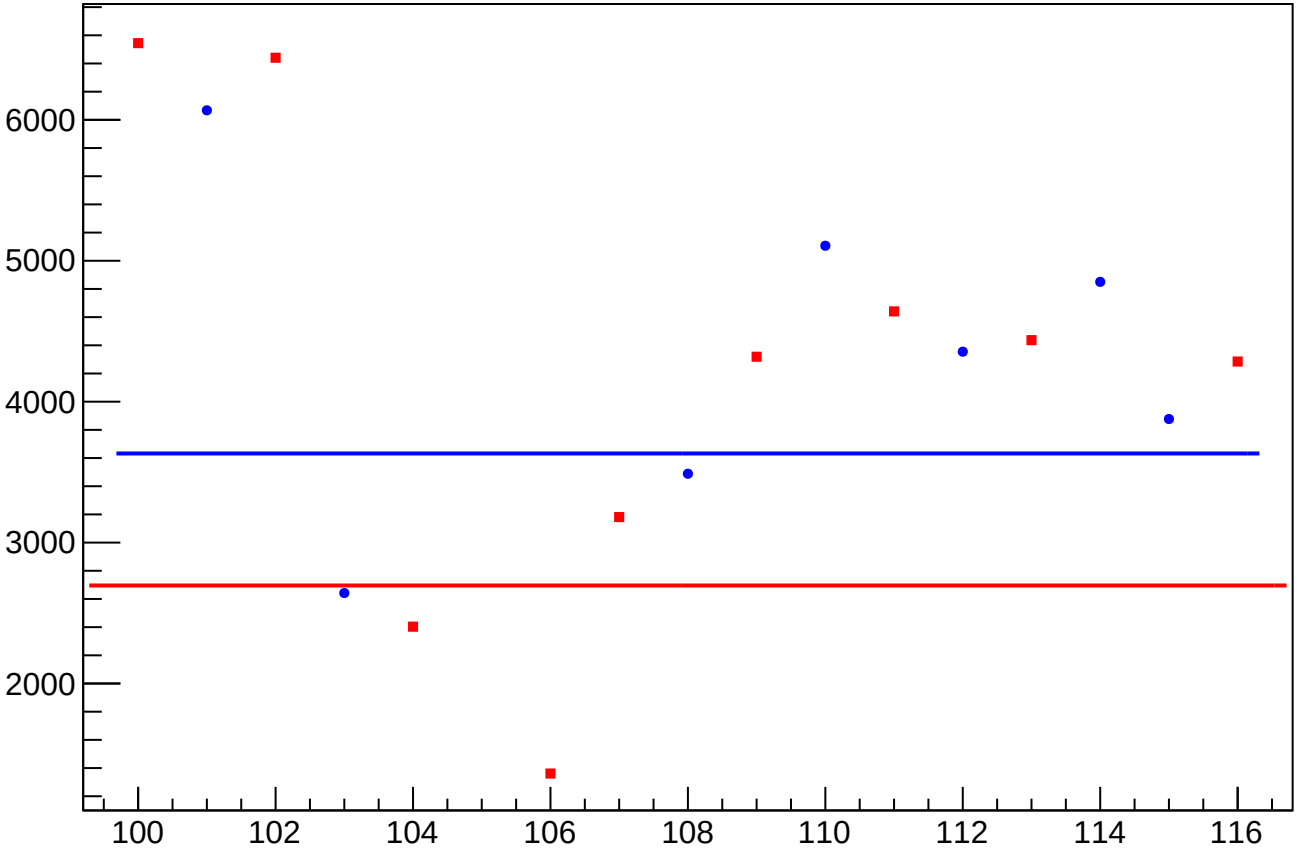
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1088.576+/-1359.687 $\chi^2$/NDF: 17.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr_avg_correction_rms vs Slug




Right In: 3632.434+/-1.665 $\chi^2$/NDF: 448834.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2695.733+/-1.178 $\chi^2$/NDF: 1455557.7/8

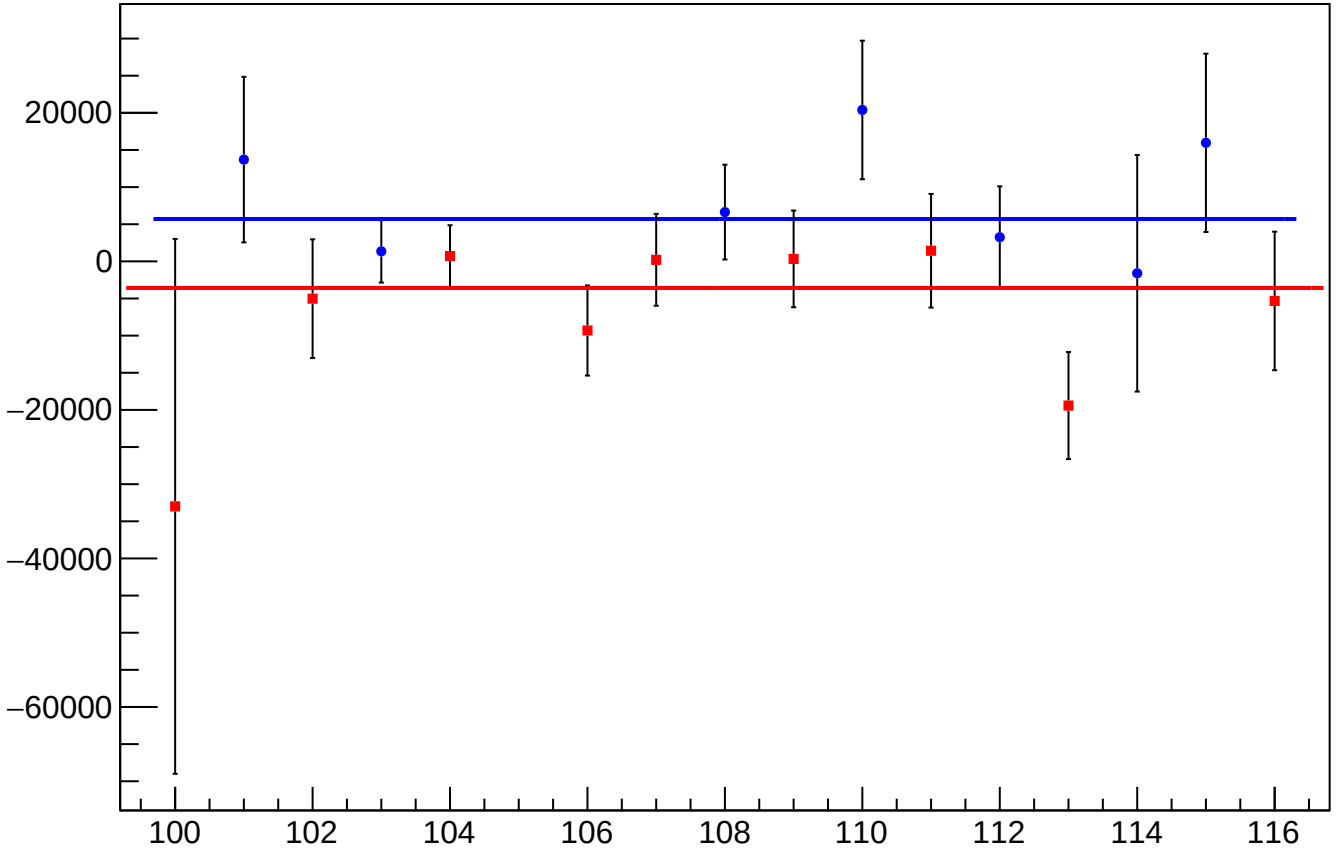
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3008.156+/-0.961 $\chi^2$/NDF: 2115388.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr_avg_mean vs Slug




Right In: 5707.240+/-2744.266 $\chi^2$/NDF: 5.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3580.187+/-2240.575 $\chi^2$/NDF: 8.7/8

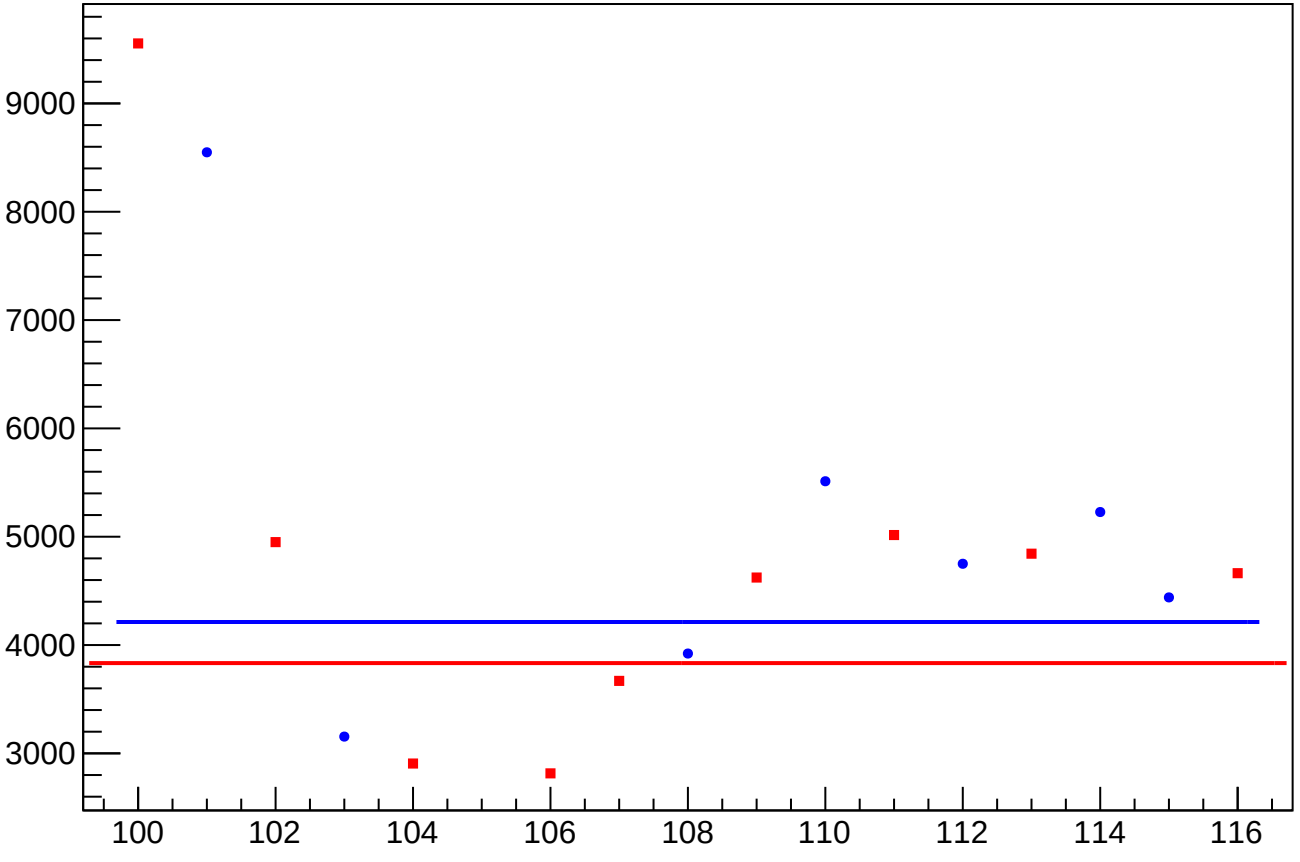
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 134.567+/-1735.576 $\chi^2$/NDF: 20.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr_avg_rms vs Slug




Right In: 4212.717+/-1.940 $\chi^2$/NDF: 493148.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3833.364+/-1.569 $\chi^2$/NDF: 387412.0/8

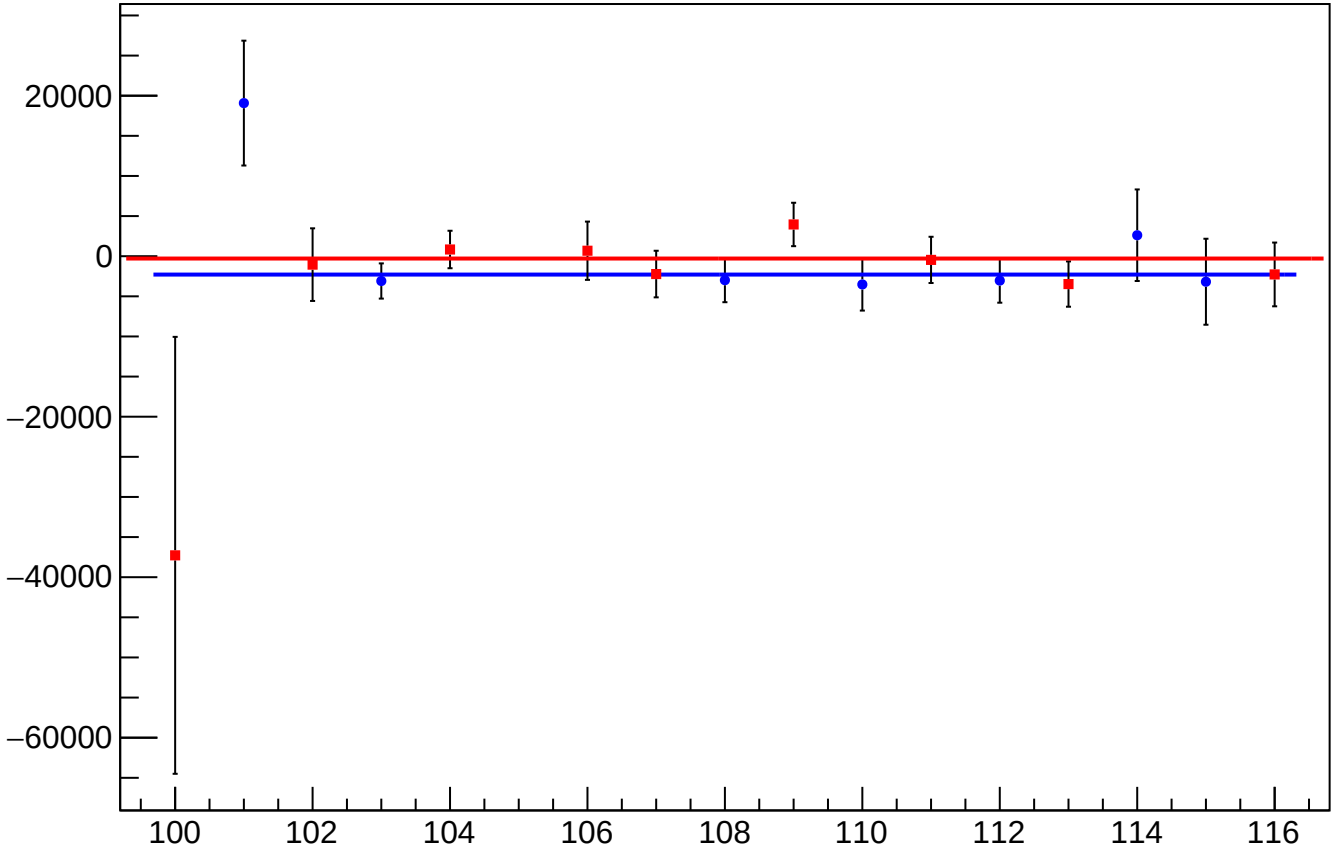
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3983.328+/-1.220 $\chi^2$/NDF: 903670.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr_dd_mean vs Slug




Right In: -2289.168+/-1241.976 $\chi^2$/NDF: 8.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -290.790+/-1069.514 $\chi^2$/NDF: 6.6/8

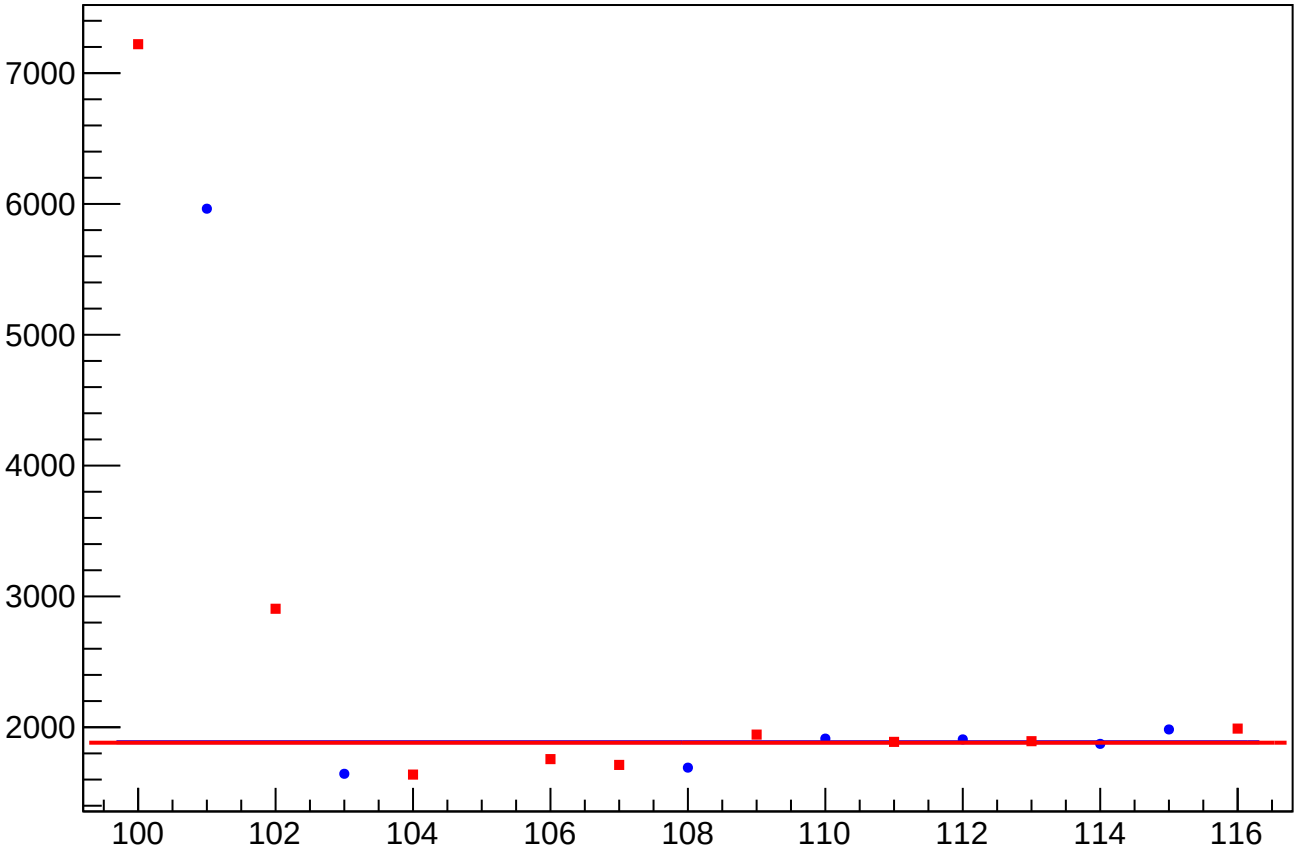
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1141.703+/-810.433 $\chi^2$/NDF: 16.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr_dd_rms vs Slug




Right In: 1885.463+/-0.878 $\chi^2$/NDF: 584930.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1881.805+/-0.755 $\chi^2$/NDF: 213003.7/8

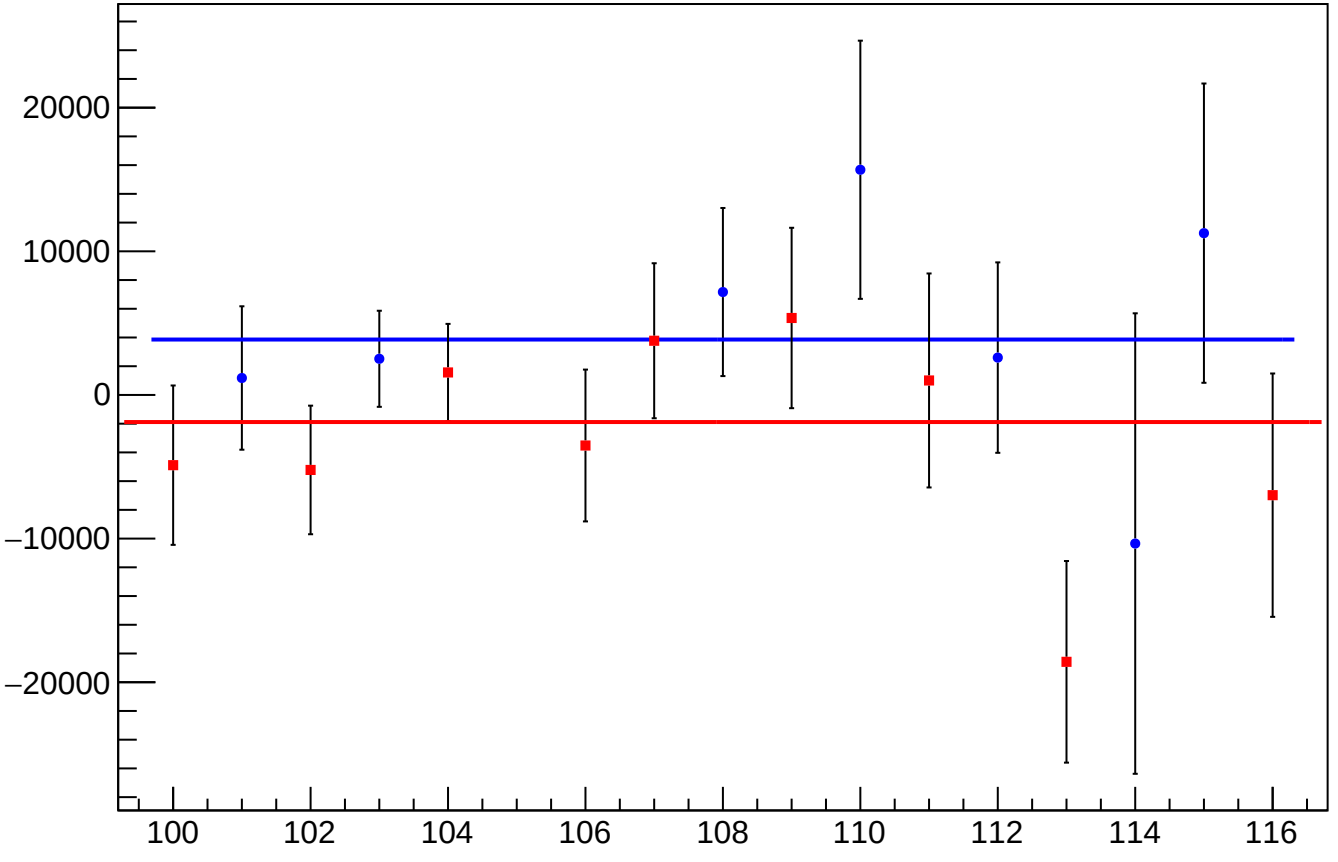
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1883.360+/-0.573 $\chi^2$/NDF: 797944.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr_dd_correction_mean vs Slug




Right In: 3857.999+/-2198.125 $\chi^2$/NDF: 3.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1886.036+/-1774.250 $\chi^2$/NDF: 10.6/8

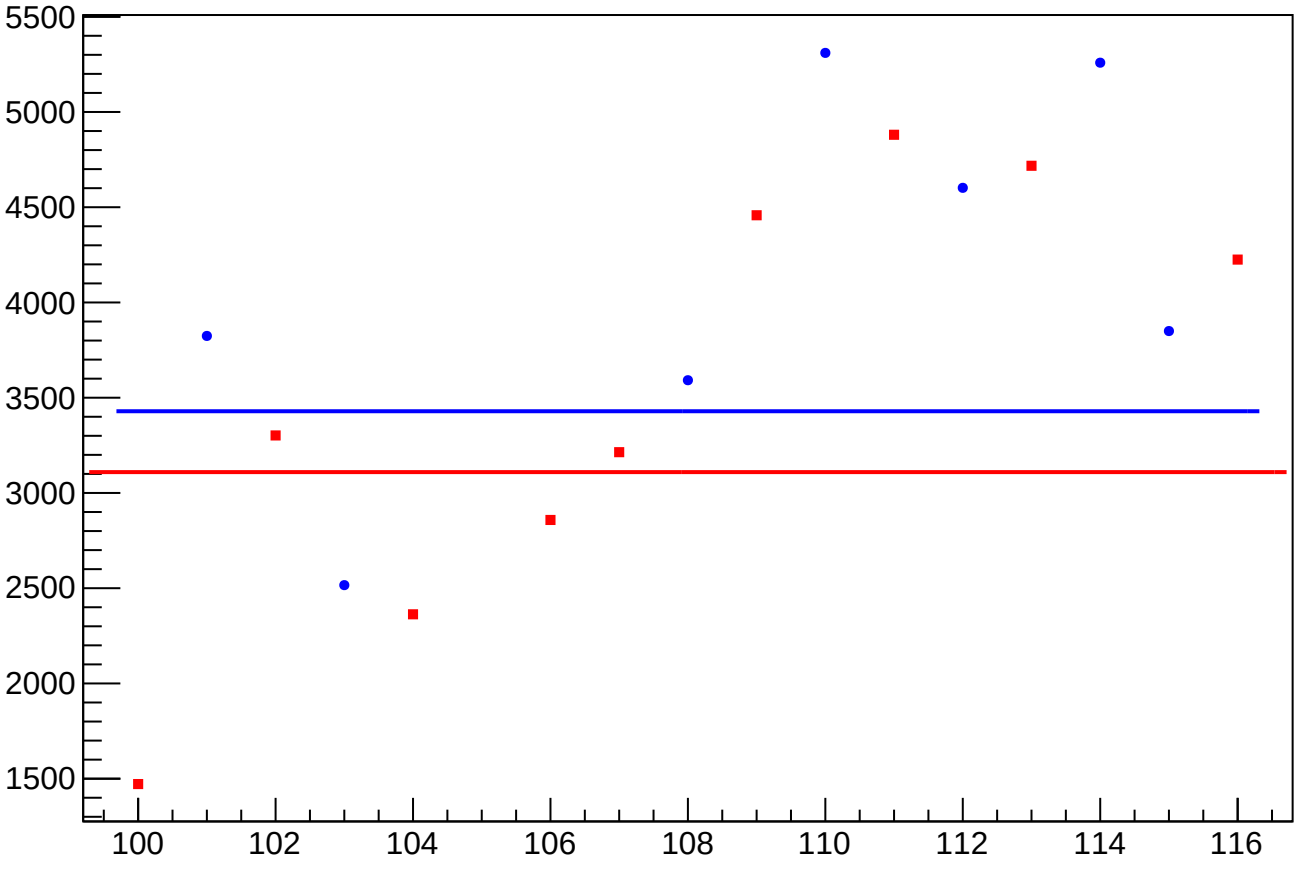
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 379.960+/-1380.618 $\chi^2$/NDF: 18.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr_dd_correction_rms vs Slug




Right In: 3428.991+/-1.554 $\chi^2$/NDF: 342642.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3109.440+/-1.255 $\chi^2$/NDF: 625703.2/8

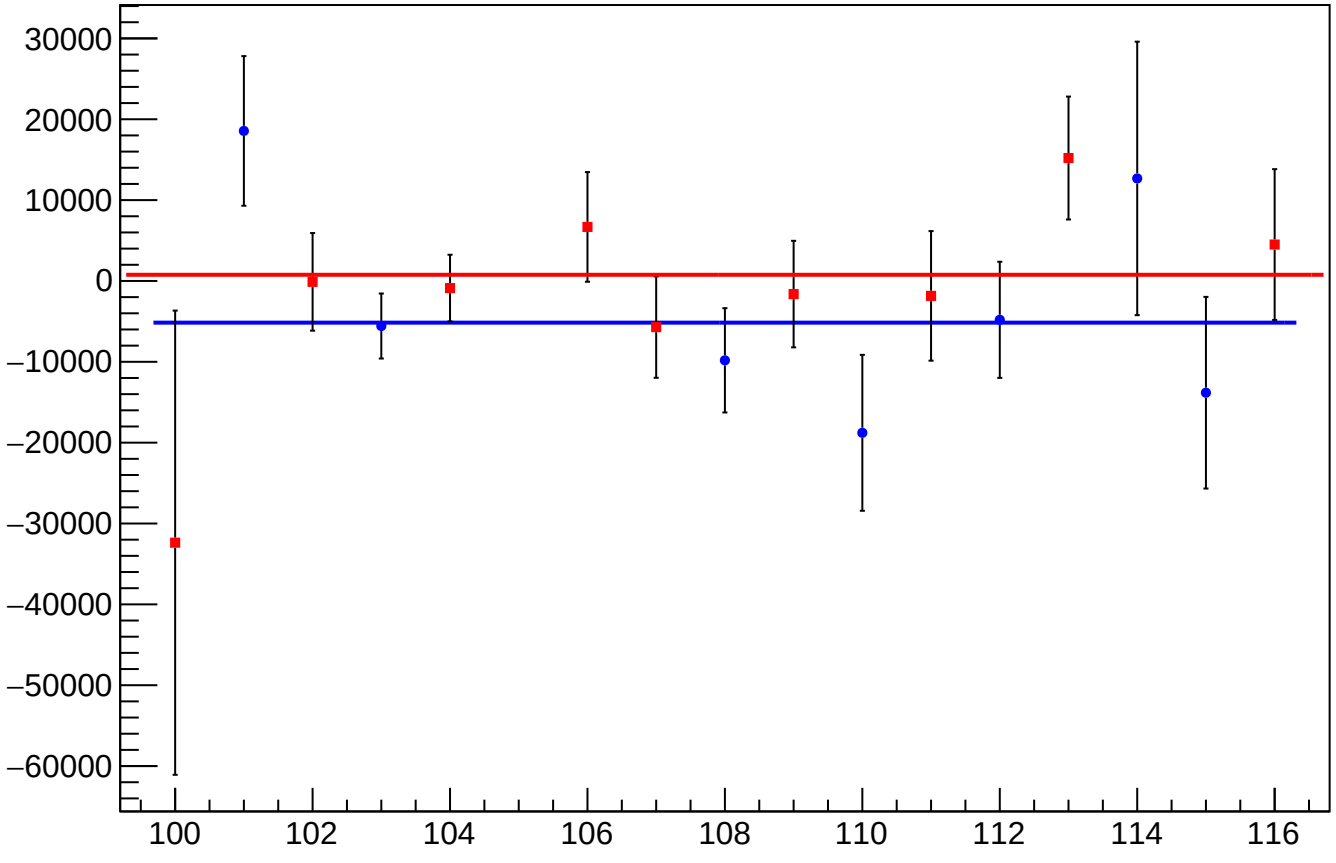
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3235.501+/-0.976 $\chi^2$/NDF: 993938.5/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr_dd_mean vs Slug




Right In: -5156.171+/-2688.497 $\chi^2$/NDF: 10.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 764.234+/-2224.408 $\chi^2$/NDF: 7.3/8

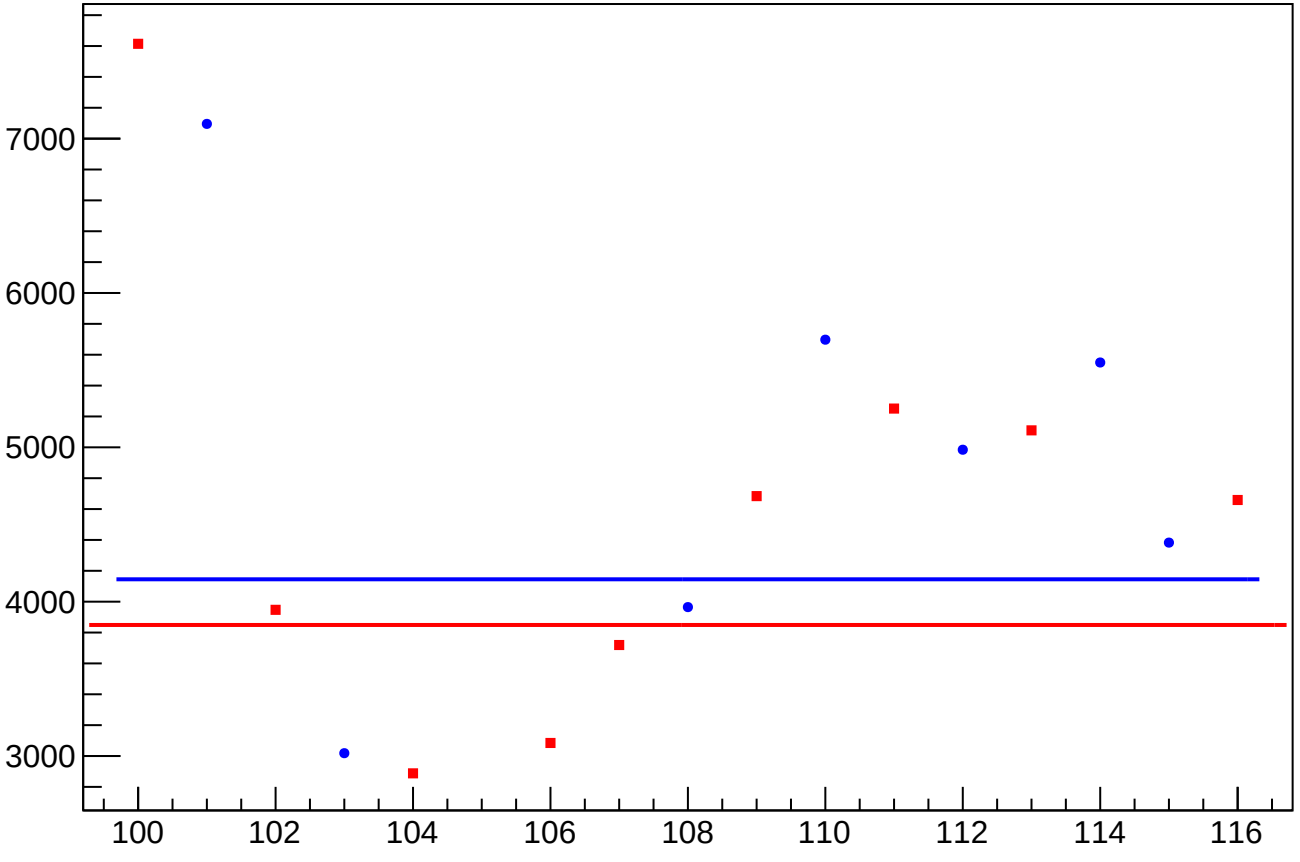
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1641.653+/-1713.845 $\chi^2$/NDF: 21.0/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr_dd_rms vs Slug




Right In: 4144.947+/-1.901 $\chi^2$/NDF: 455768.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3849.077+/-1.558 $\chi^2$/NDF: 337938.6/8

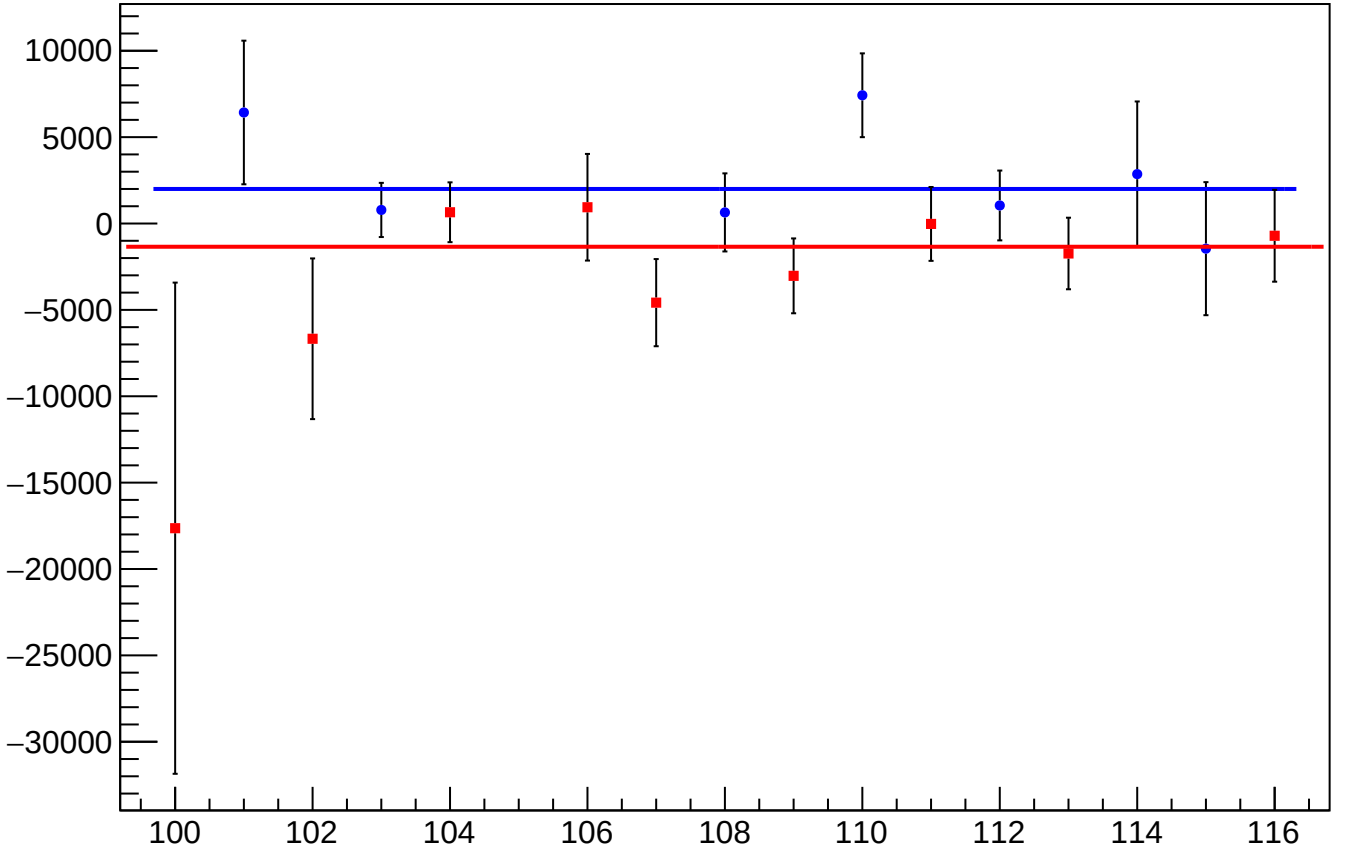
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3967.943+/-1.205 $\chi^2$/NDF: 808197.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_avg_atr_avg_avg_mean vs Slug




Right In: 2000.457+/-913.235 $\chi^2$/NDF: 8.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1344.670+/-829.563 $\chi^2$/NDF: 7.2/8

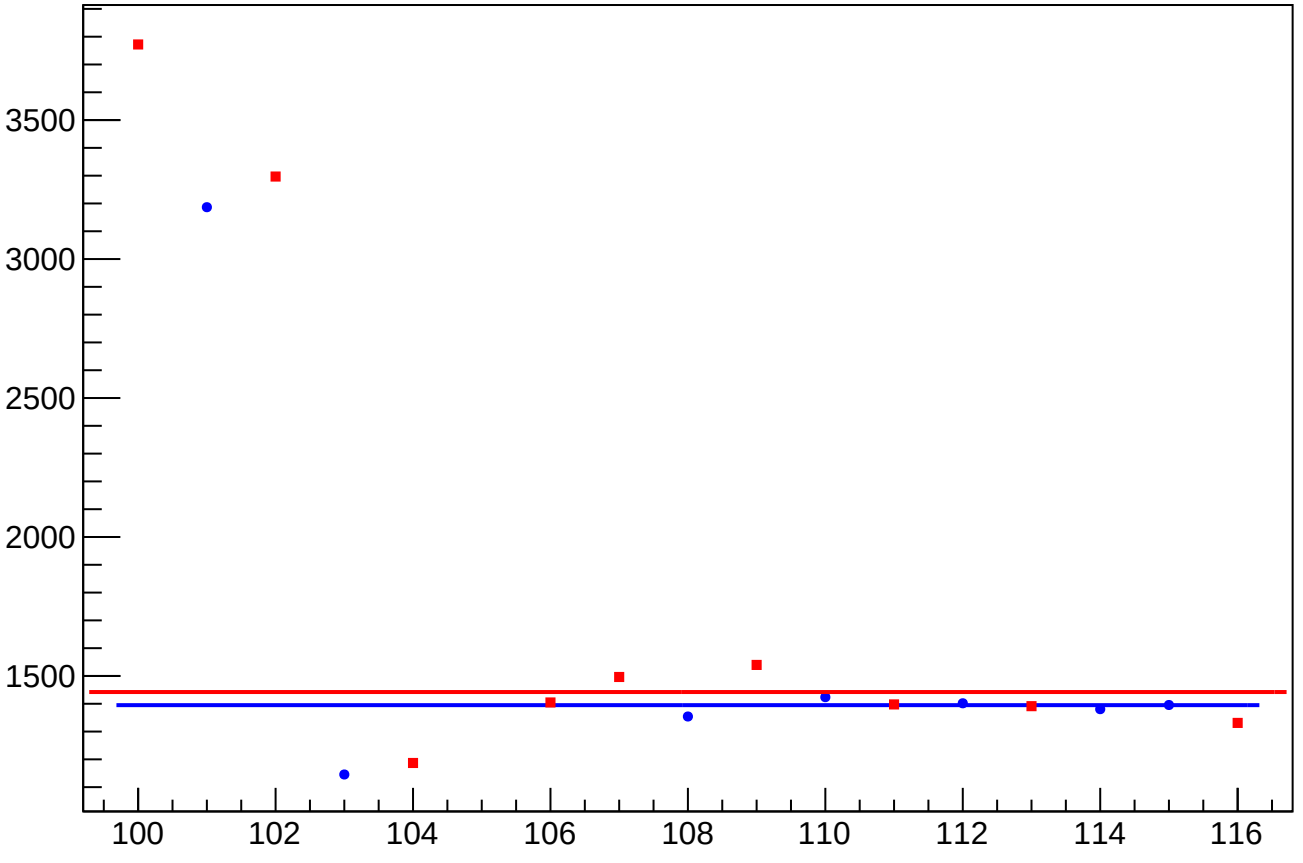
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 167.663+/-614.045 $\chi^2$/NDF: 22.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_avg_atr_avg_avg_rms vs Slug




Right In: 1395.013+/-0.646 $\chi^2$/NDF: 423093.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1442.204+/-0.586 $\chi^2$/NDF: 426155.5/8

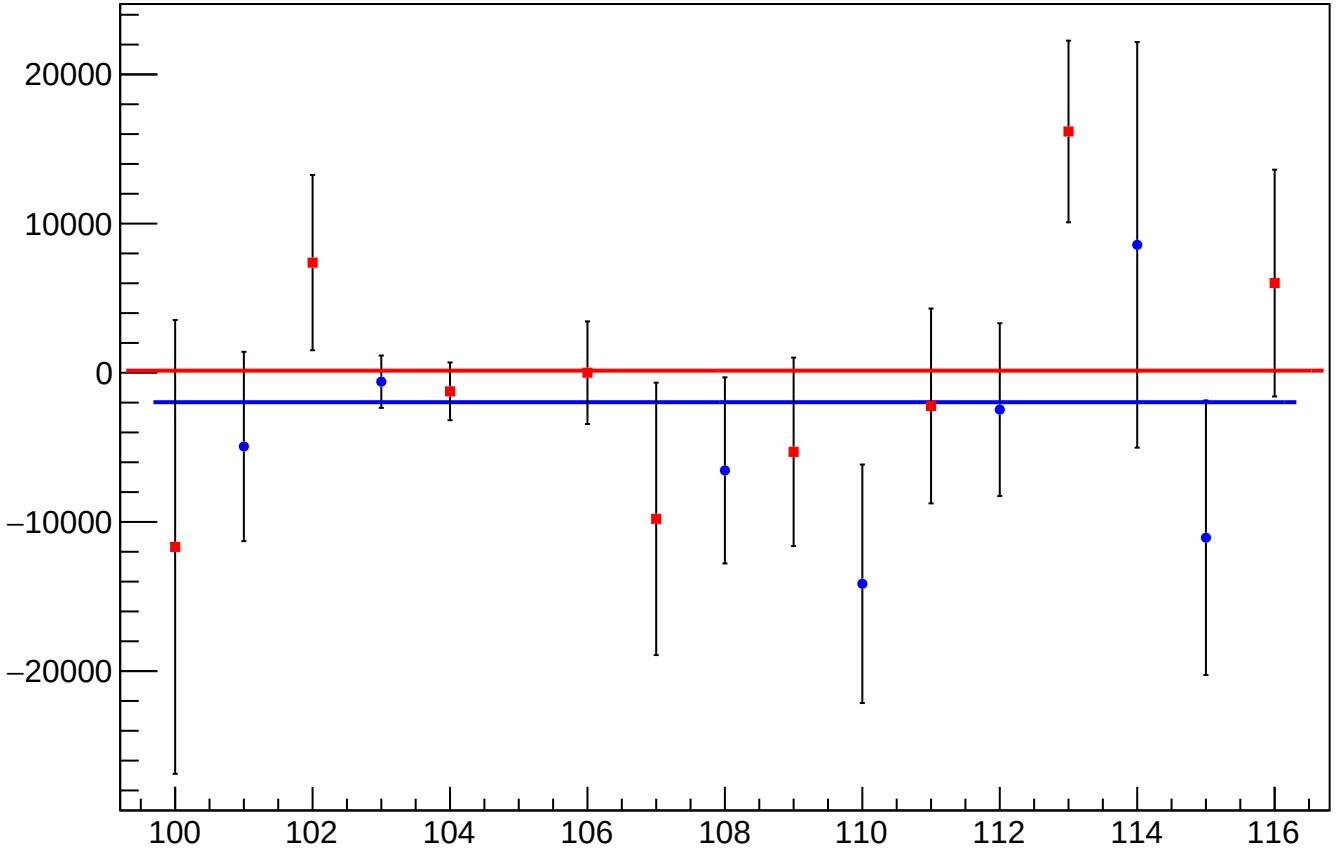
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1420.894+/-0.434 $\chi^2$/NDF: 852178.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_atr_avg_avg_correction_mean vs Slug




Right In: -1973.071+/-1510.854 $\chi^2$/NDF: 5.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 142.218+/-1429.379 $\chi^2$/NDF: 12.2/8

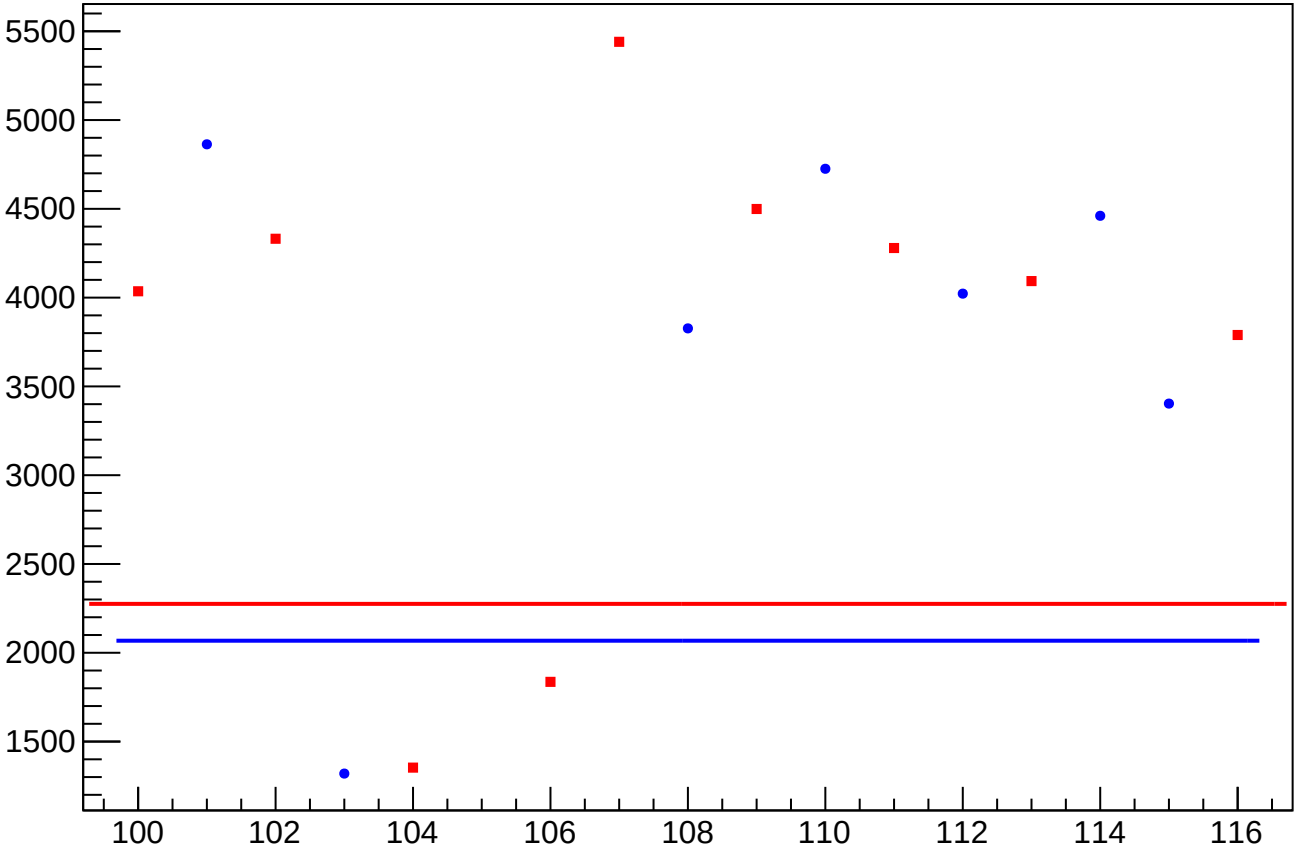
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -856.856+/-1038.332 $\chi^2$/NDF: 18.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_atr_avg_avg_correction_rms vs Slug




Right In: 2067.904+/-1.068 $\chi^2$/NDF: 1463438.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2275.354+/-1.011 $\chi^2$/NDF: 1692643.1/8

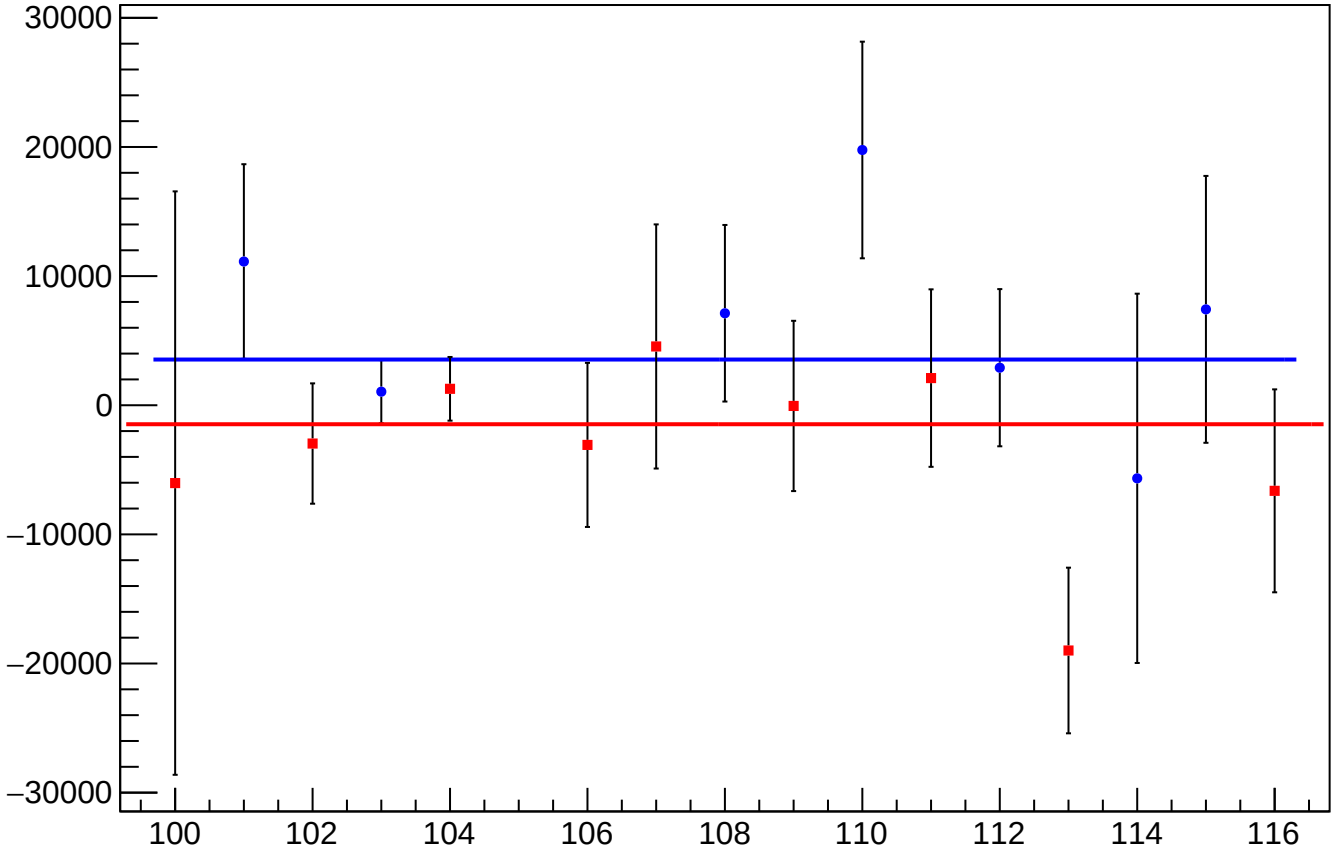
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2177.373+/-0.734 $\chi^2$/NDF: 3175978.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_atr_avg_avg_mean vs Slug




Right In: 3539.637+/-1956.568 $\chi^2$/NDF: 6.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1470.380+/-1732.481 $\chi^2$/NDF: 10.1/8

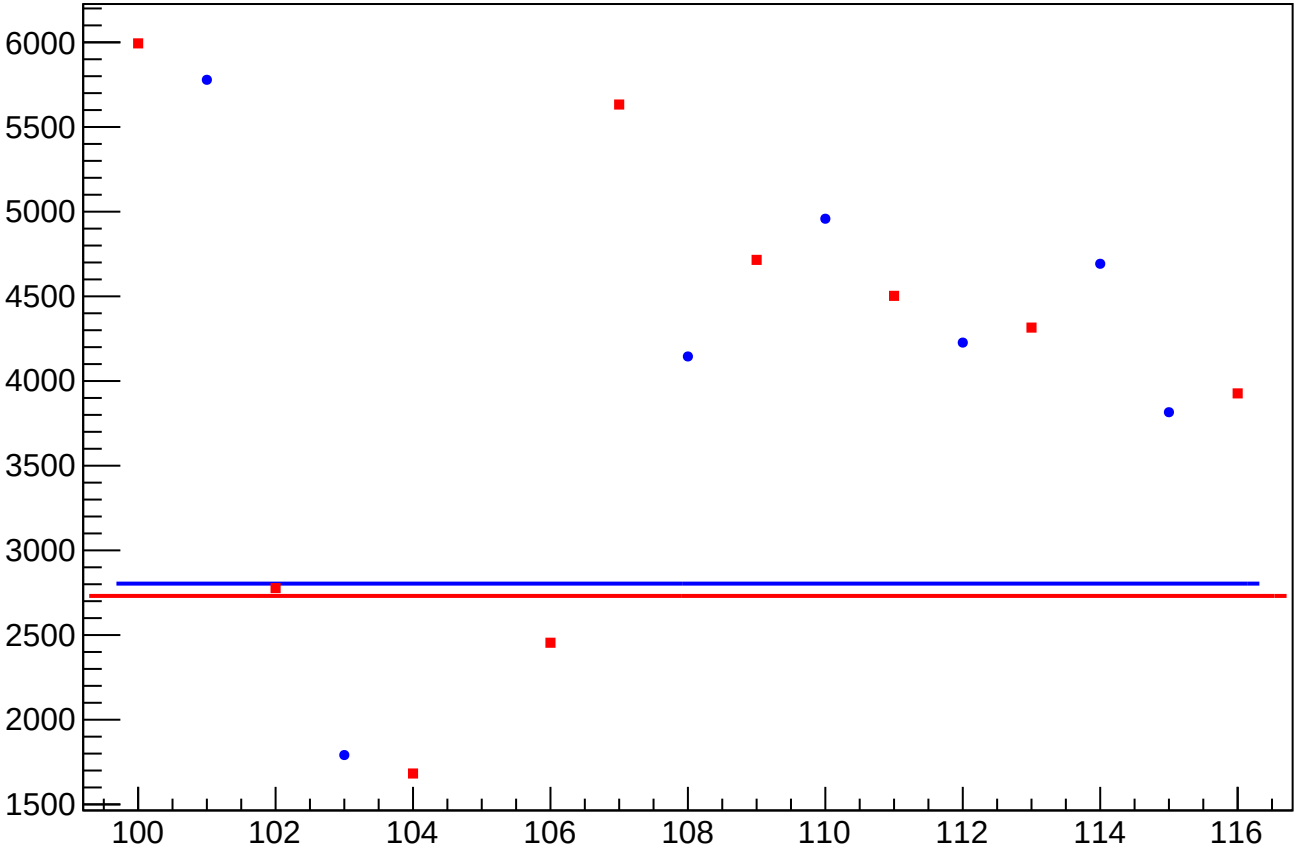
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 731.419+/-1297.073 $\chi^2$/NDF: 20.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_atr_avg_avg_rms vs Slug




Right In: 2803.693+/-1.383 $\chi^2$/NDF: 1025840.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2730.985+/-1.208 $\chi^2$/NDF: 1079909.1/8

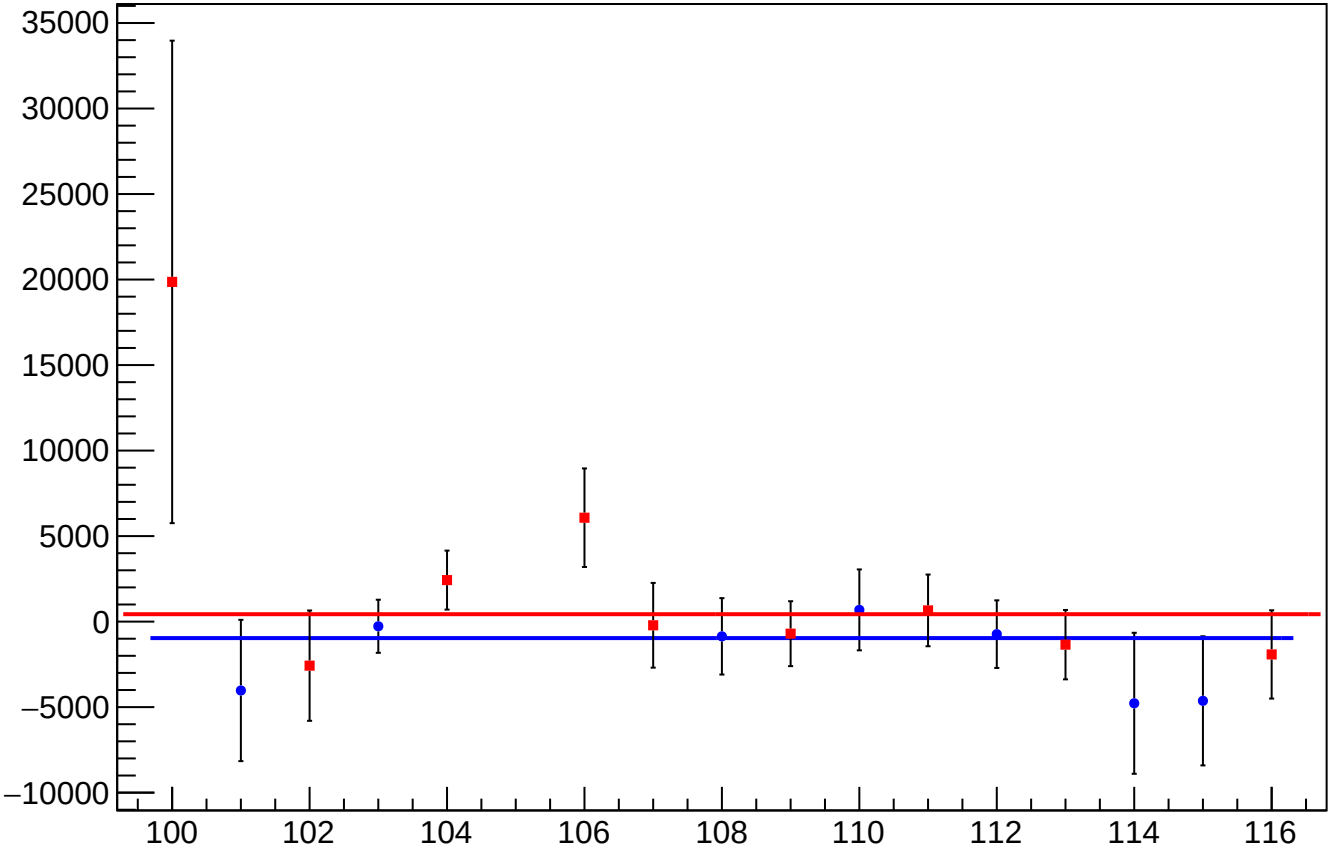
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2762.427+/-0.910 $\chi^2$/NDF: 2107317.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_avg_atr_avg_dd_mean vs Slug




Right In: -963.849+/-898.954 $\chi^2$/NDF: 3.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 433.365+/-785.883 $\chi^2$/NDF: 10.0/8

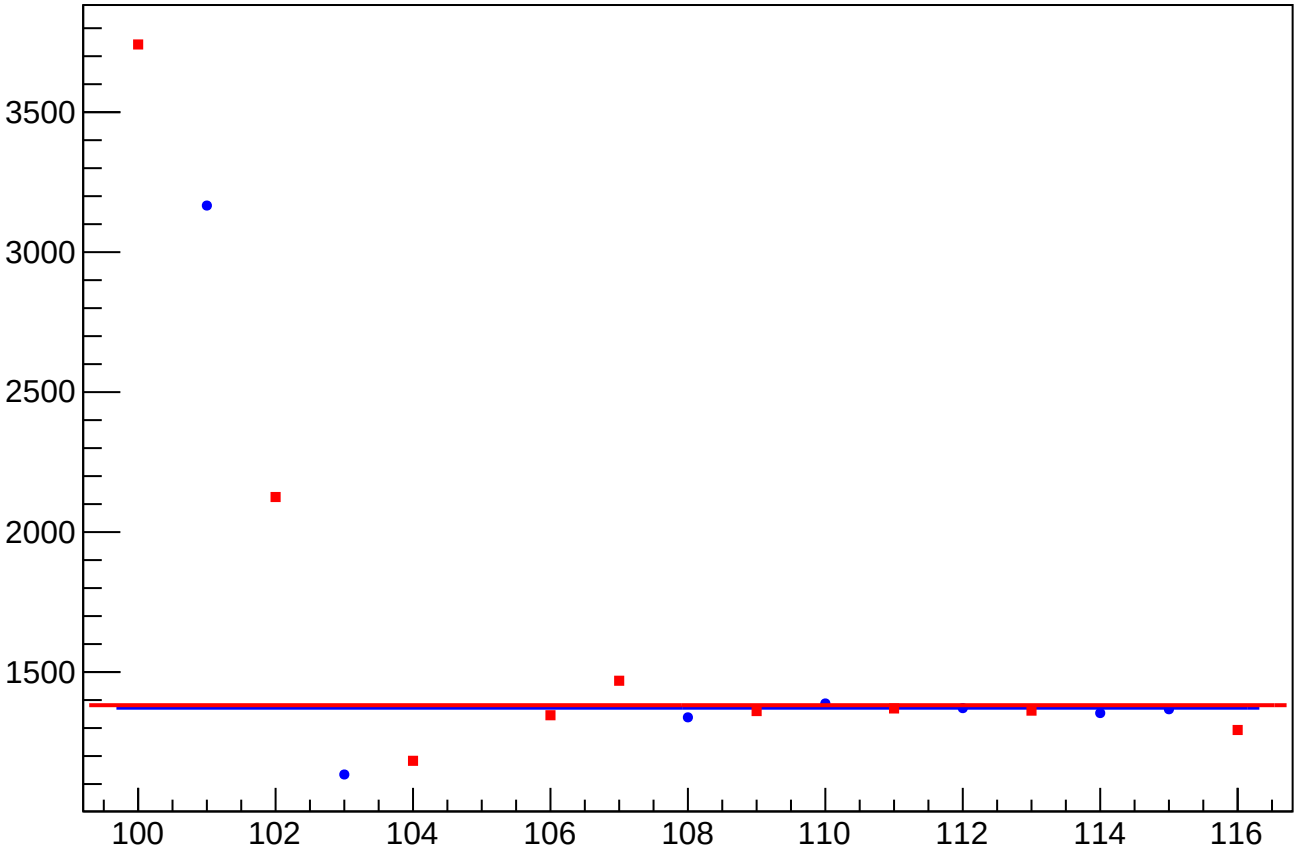
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -171.894+/-591.666 $\chi^2$/NDF: 14.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_avg_atr_avg_dd_rms vs Slug




Right In: 1372.725+/-0.636 $\chi^2$/NDF: 424958.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

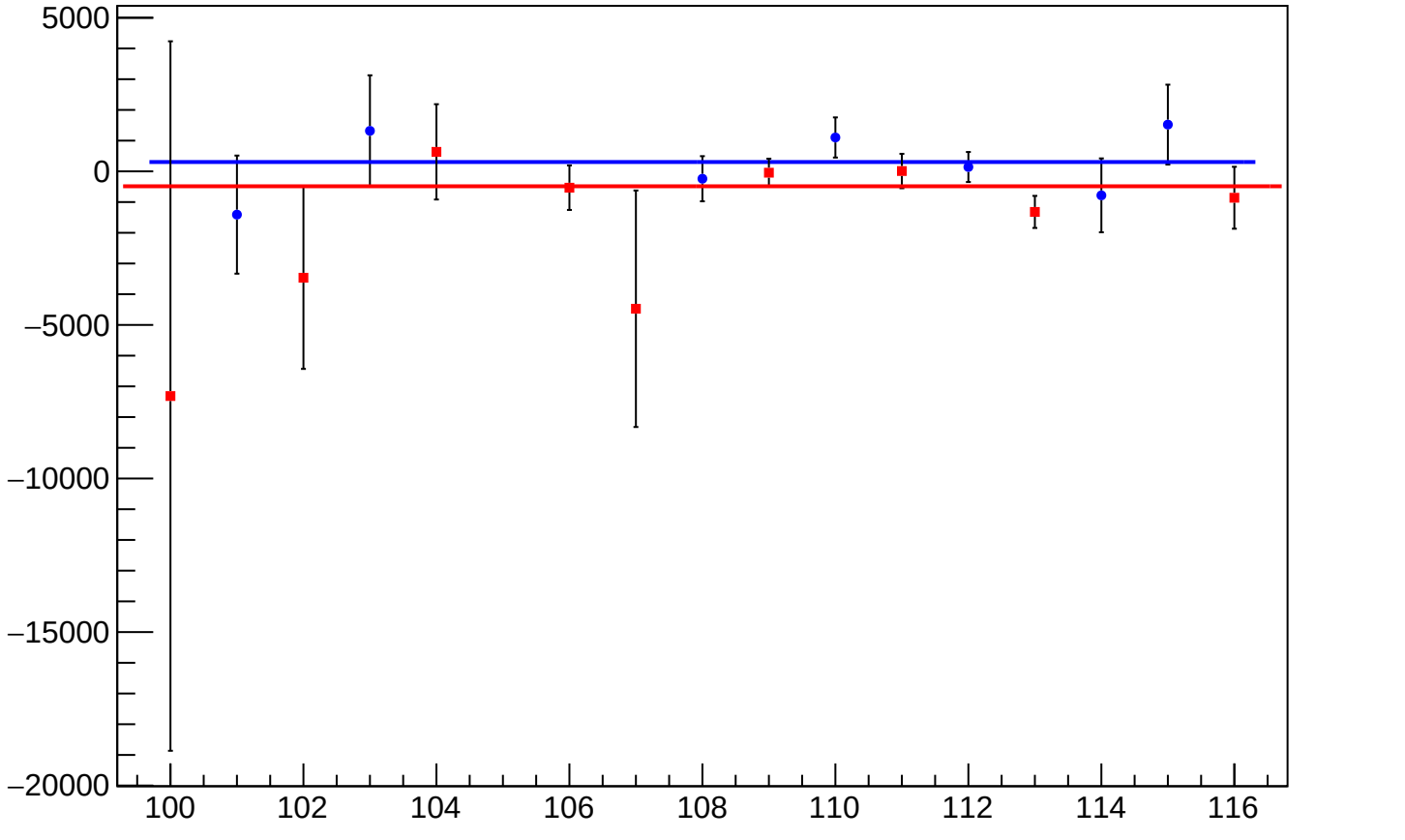
Right Out: 1381.647+/-0.556 $\chi^2$/NDF: 194493.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1377.782+/-0.418 $\chi^2$/NDF: 619562.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 303.684+/-312.503 $\chi^2$/NDF: 5.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -486.154+/-256.926 $\chi^2$/NDF: 7.4/8

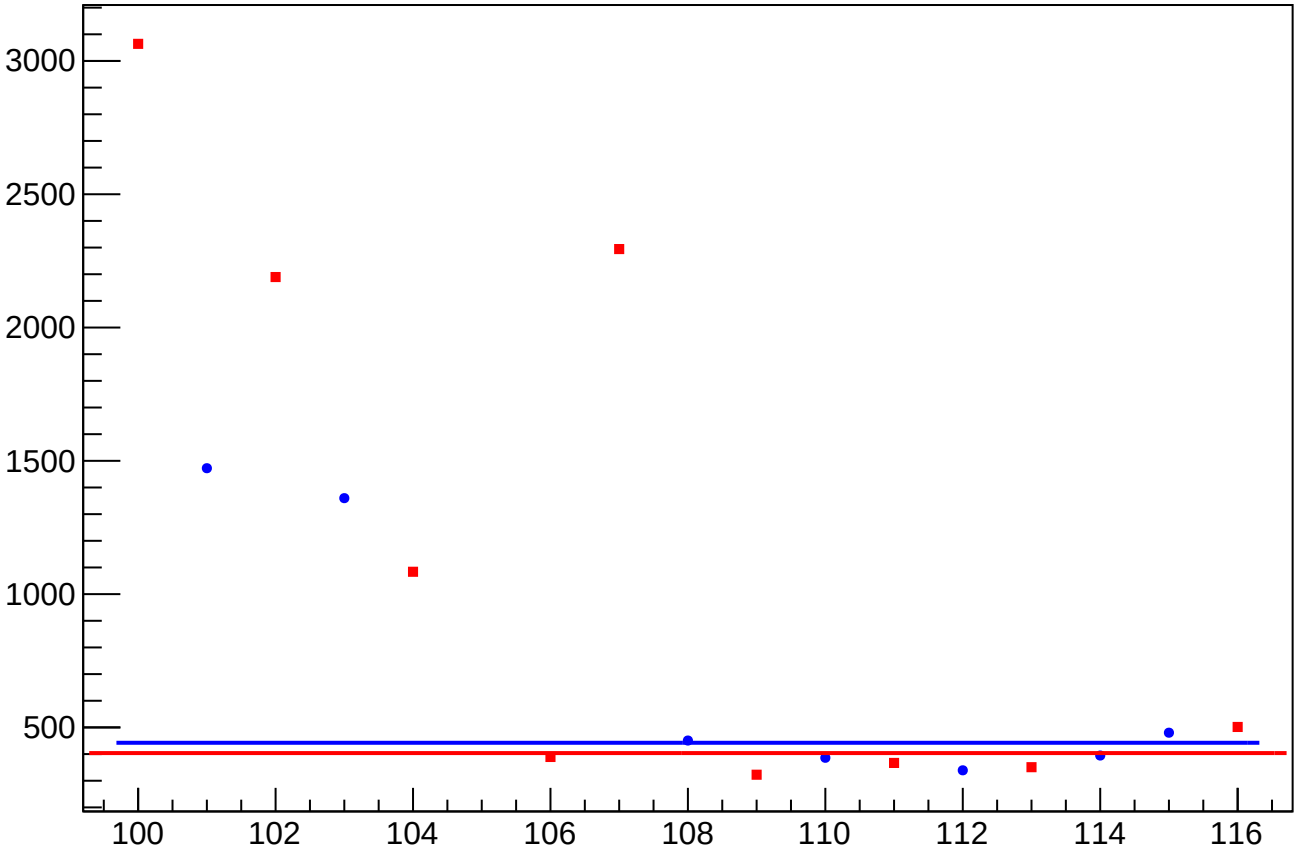
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -167.596+/-198.463 $\chi^2$/NDF: 16.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_atr_avg_dd_correction_rms vs Slug




Right In: 442.413+/-0.221 $\chi^2$/NDF: 1198514.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 403.756+/-0.182 $\chi^2$/NDF: 1809246.4/8

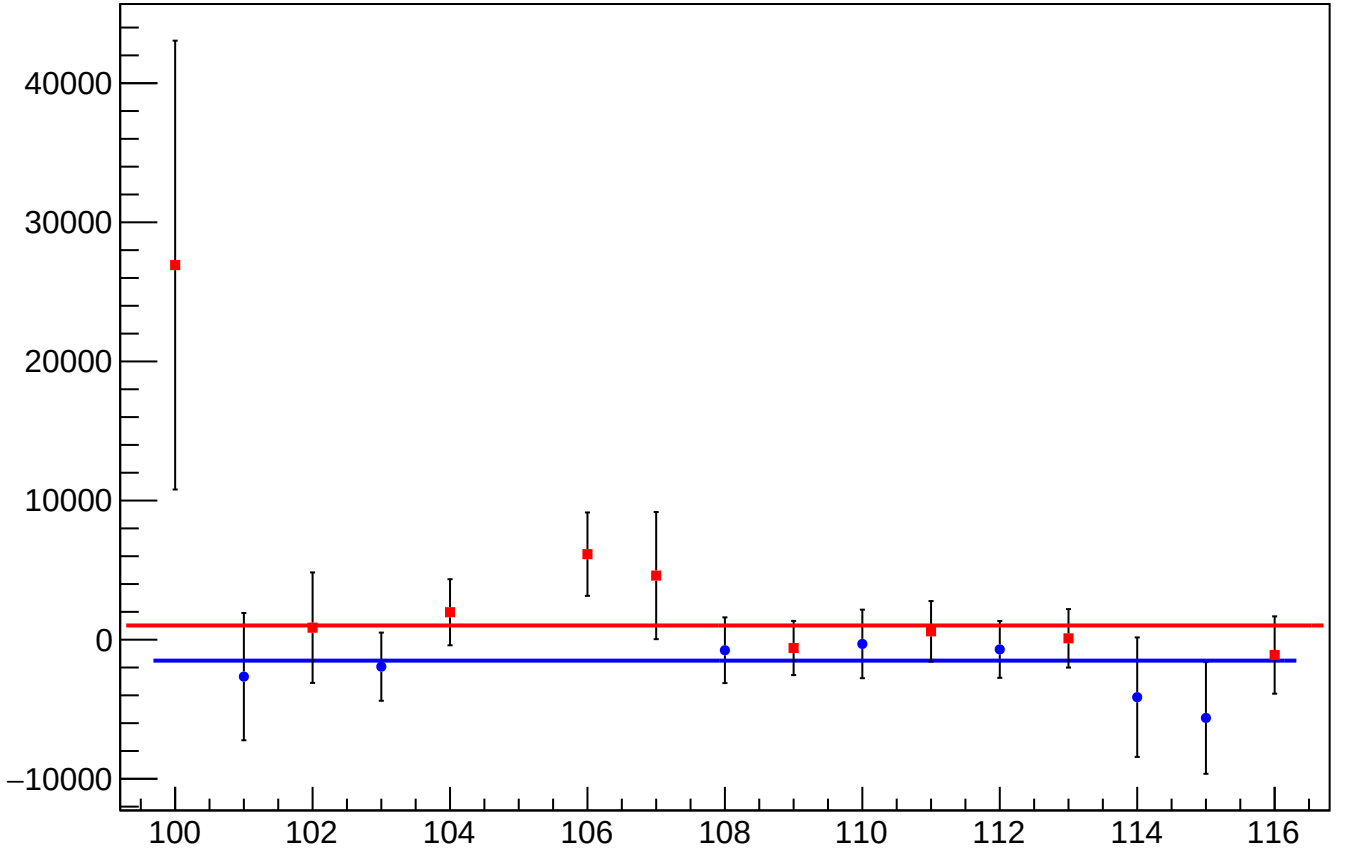
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 419.347+/-0.140 $\chi^2$/NDF: 3026021.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_atr_avg_dd_mean vs Slug




Right In: -1505.686+/-1045.646 $\chi^2$/NDF: 2.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1022.081+/-899.850 $\chi^2$/NDF: 7.8/8

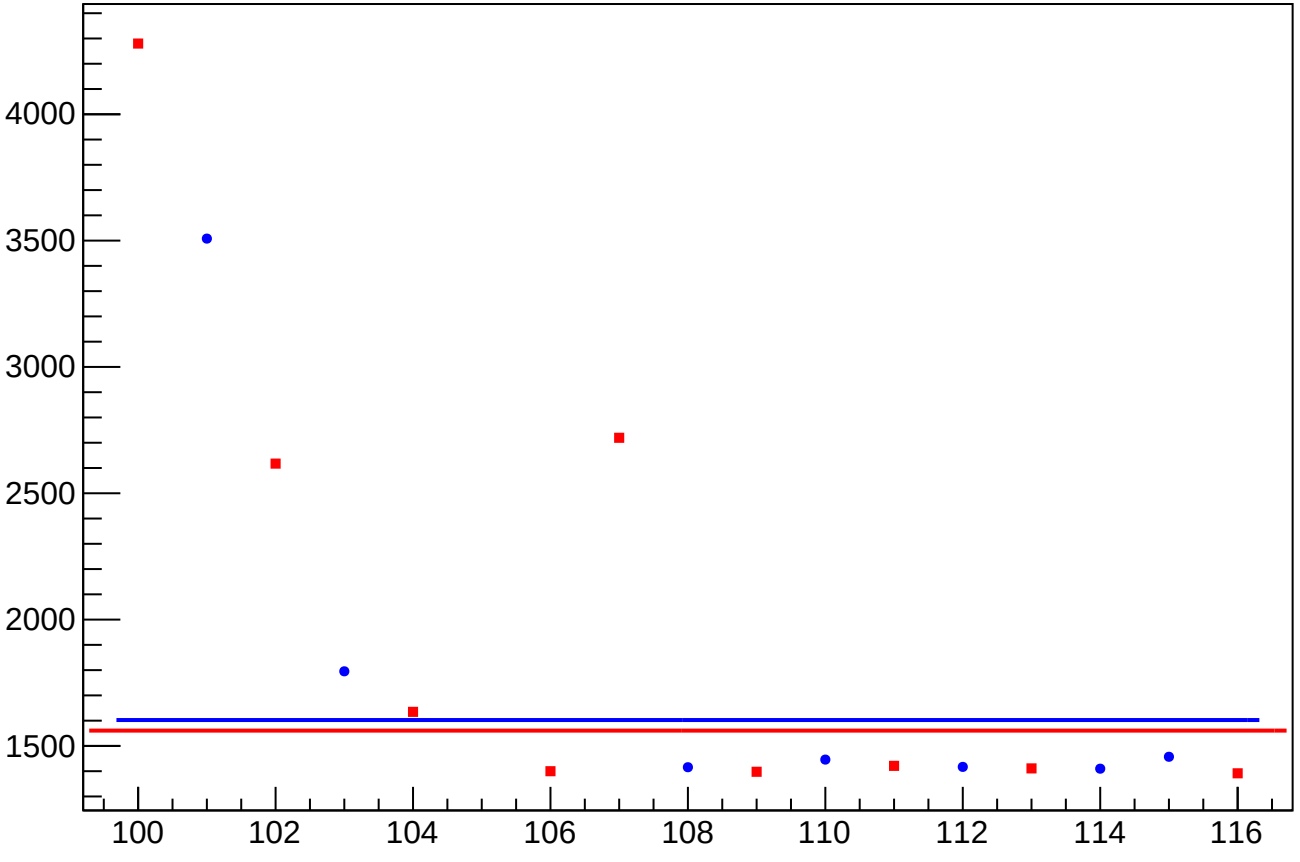
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -53.429+/-682.061 $\chi^2$/NDF: 13.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_avg_atr_avg_dd_rms vs Slug




Right In: 1602.478+/-0.739 $\chi^2$/NDF: 403071.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

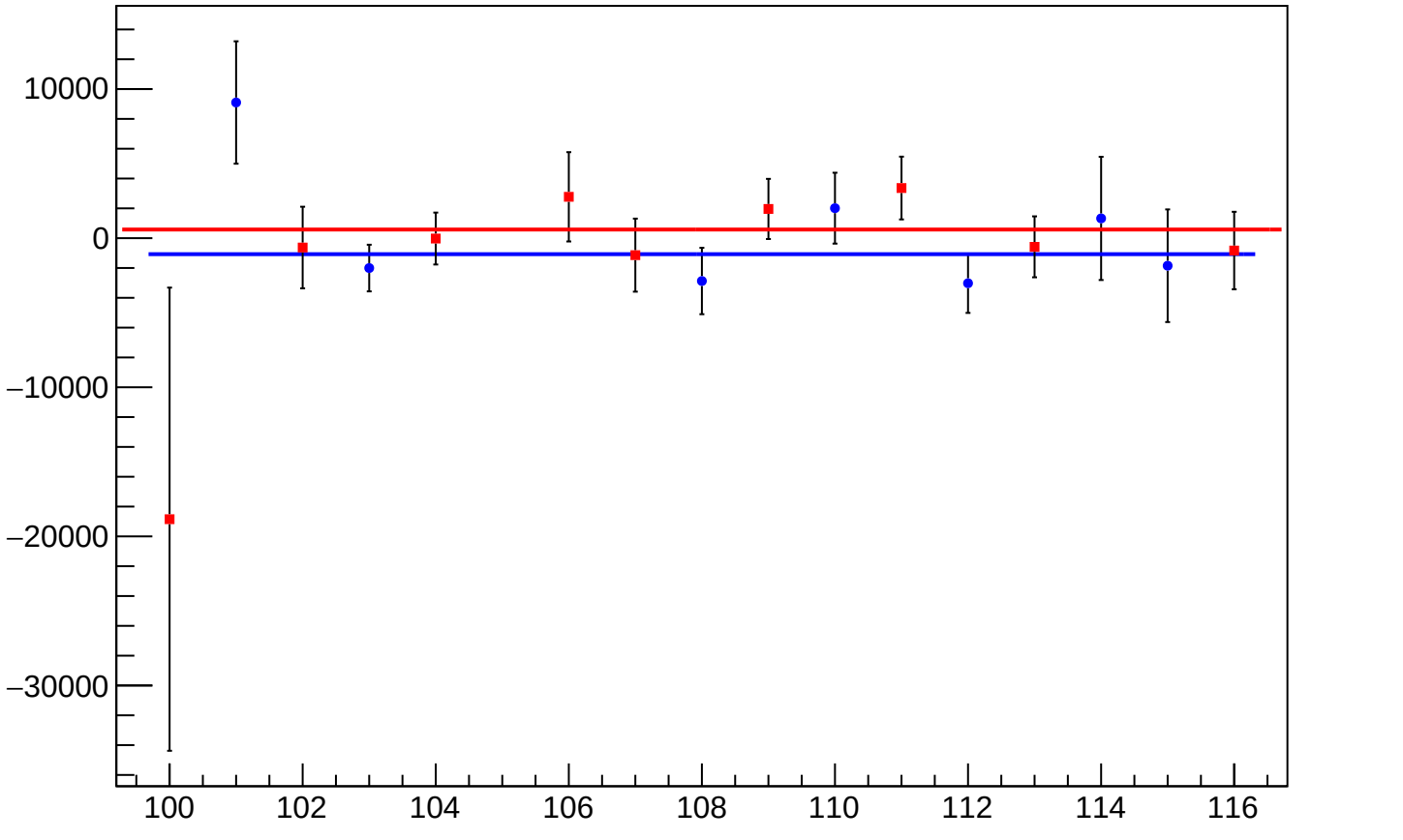
Right Out: 1560.663+/-0.636 $\chi^2$/NDF: 374653.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1578.454+/-0.482 $\chi^2$/NDF: 779562.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -1072.345+/-902.505 $\chi^2$/NDF: 10.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 578.927+/-789.445 $\chi^2$/NDF: 5.7/8

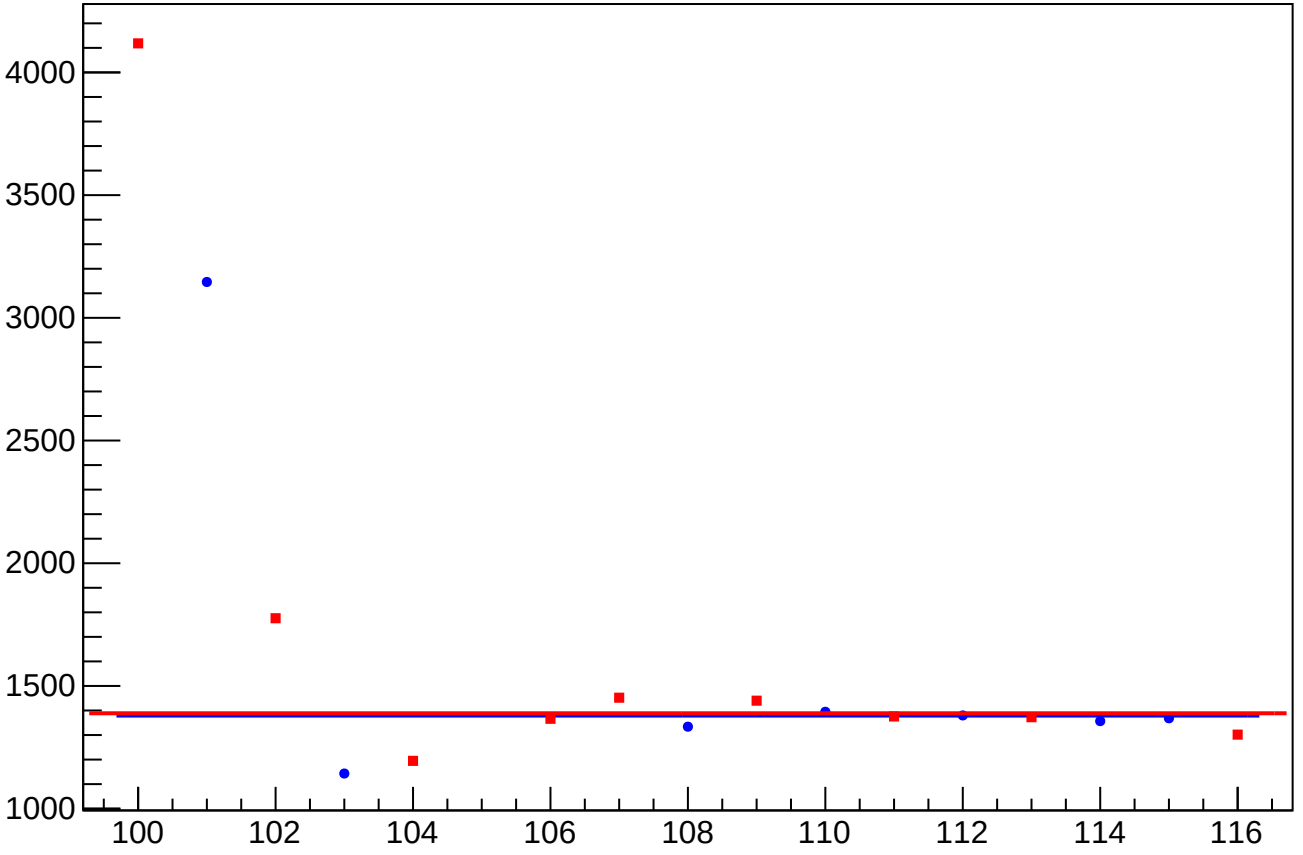
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -136.857+/-594.198 $\chi^2$/NDF: 17.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_dd_atr_dd_avg_rms vs Slug




Right In: 1379.387+/-0.638 $\chi^2$/NDF: 417144.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

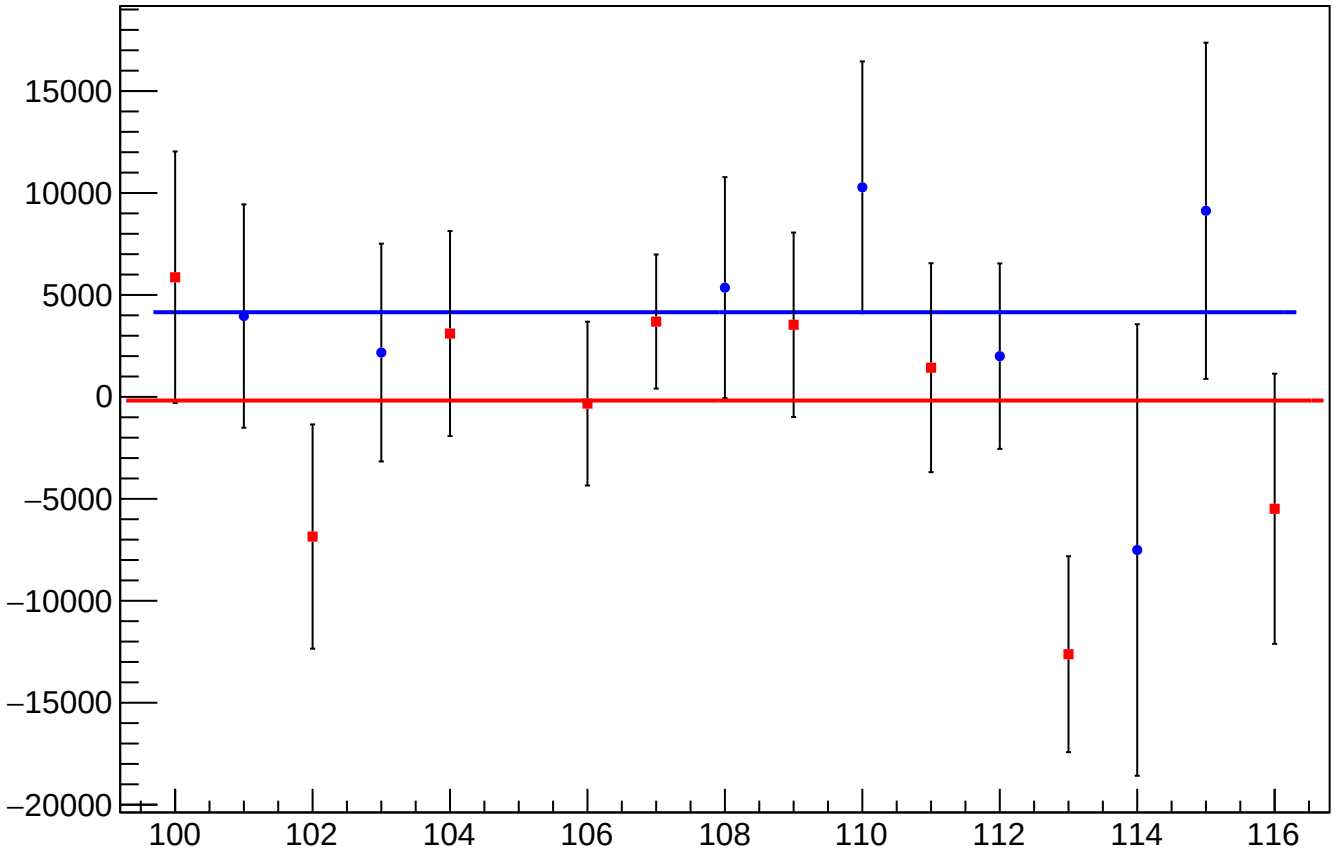
Right Out: 1388.666+/-0.558 $\chi^2$/NDF: 131826.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1384.650+/-0.420 $\chi^2$/NDF: 549091.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 4153.565+/-2236.799 $\chi^2$/NDF: 2.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

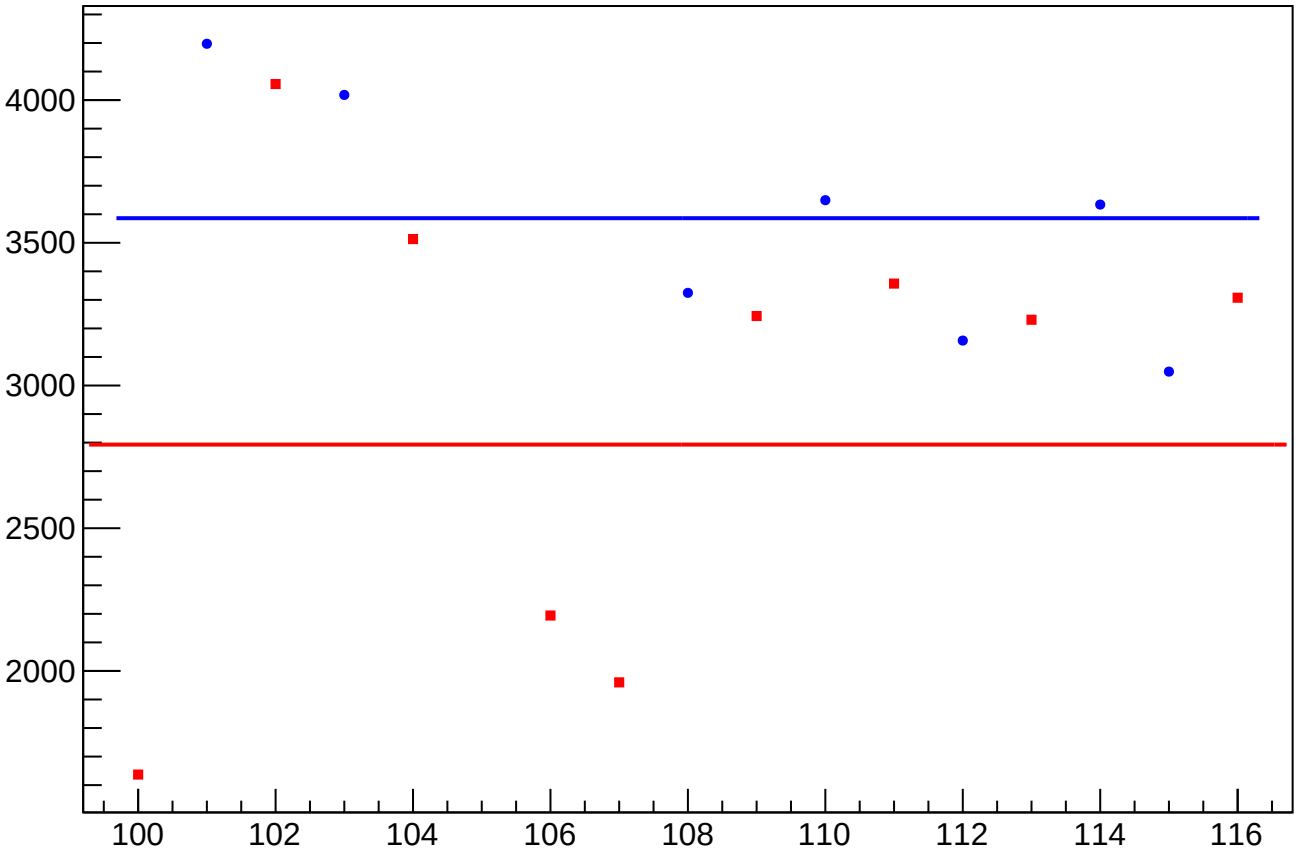
Right Out: -177.408+/-1568.545 $\chi^2$/NDF: 12.4/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1250.272+/-1284.251 $\chi^2$/NDF: 17.8/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 3586.226+/-1.582 $\chi^2$/NDF: 69146.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2792.979+/-1.109 $\chi^2$/NDF: 462265.0/8

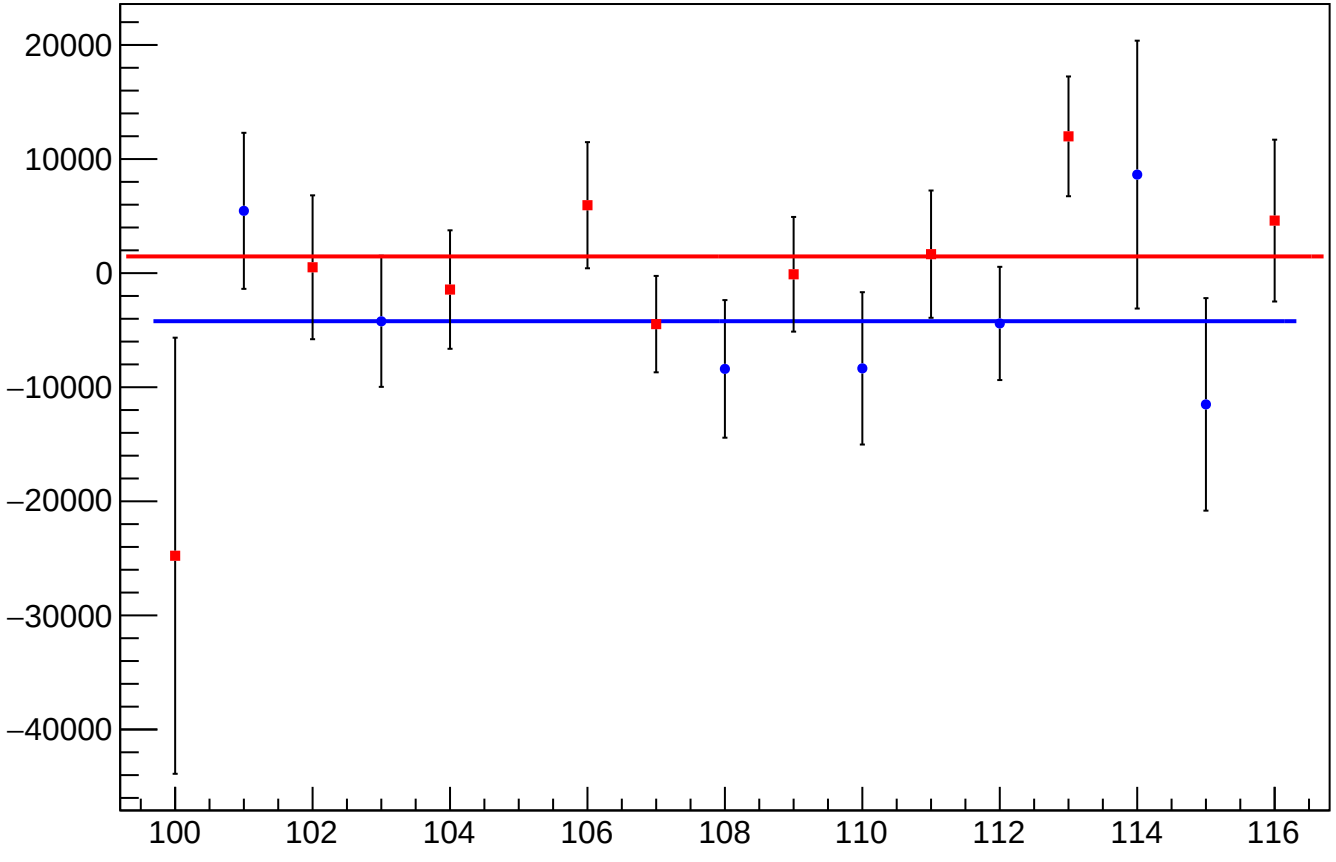
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3054.468+/-0.908 $\chi^2$/NDF: 700027.9/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_atr_dd_avg_mean vs Slug




Right In: -4212.032+/-2492.449 $\chi^2$/NDF: 4.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1464.553+/-1884.513 $\chi^2$/NDF: 9.2/8

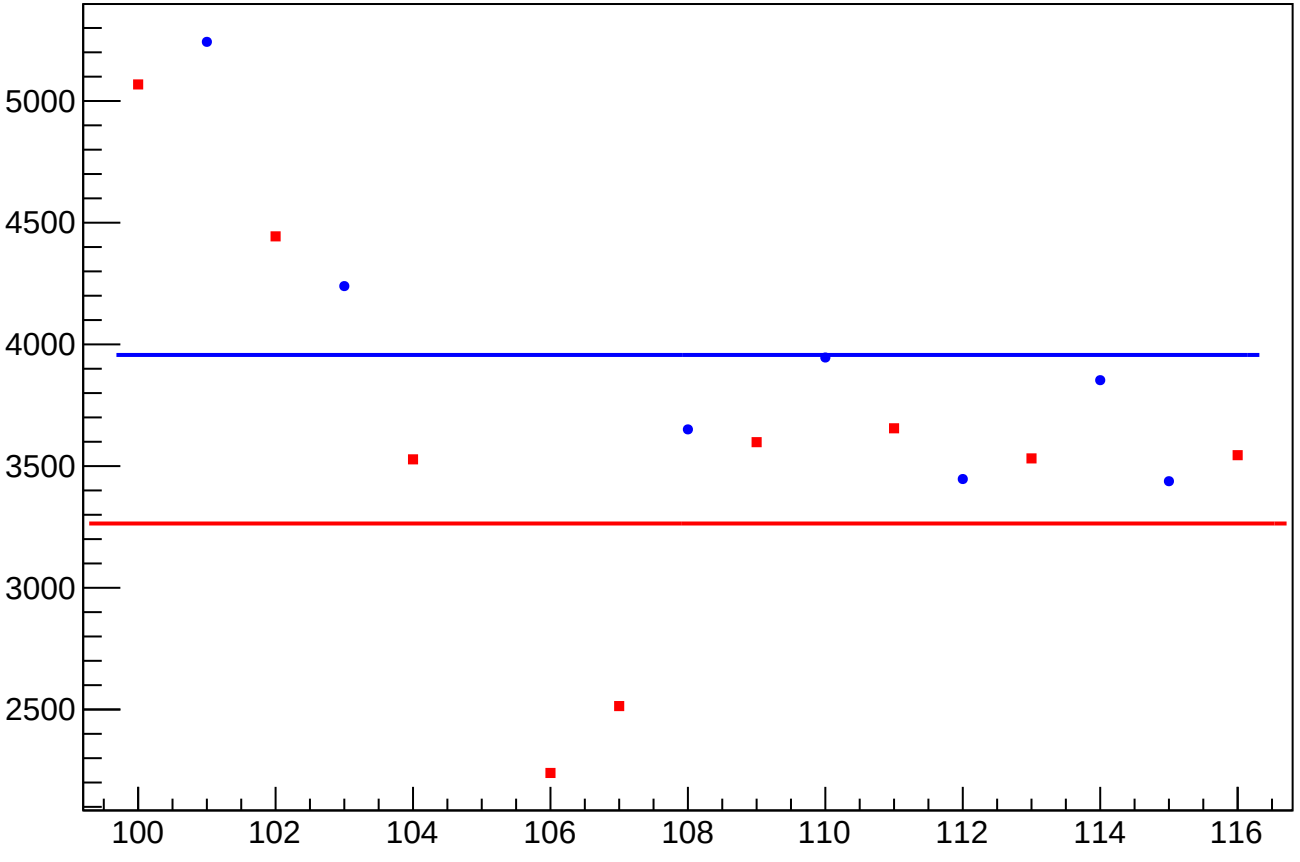
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -600.216+/-1503.206 $\chi^2$/NDF: 17.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_atr_dd_avg_rms vs Slug




Right In: 3956.657+/-1.762 $\chi^2$/NDF: 108218.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3264.158+/-1.310 $\chi^2$/NDF: 272092.3/8

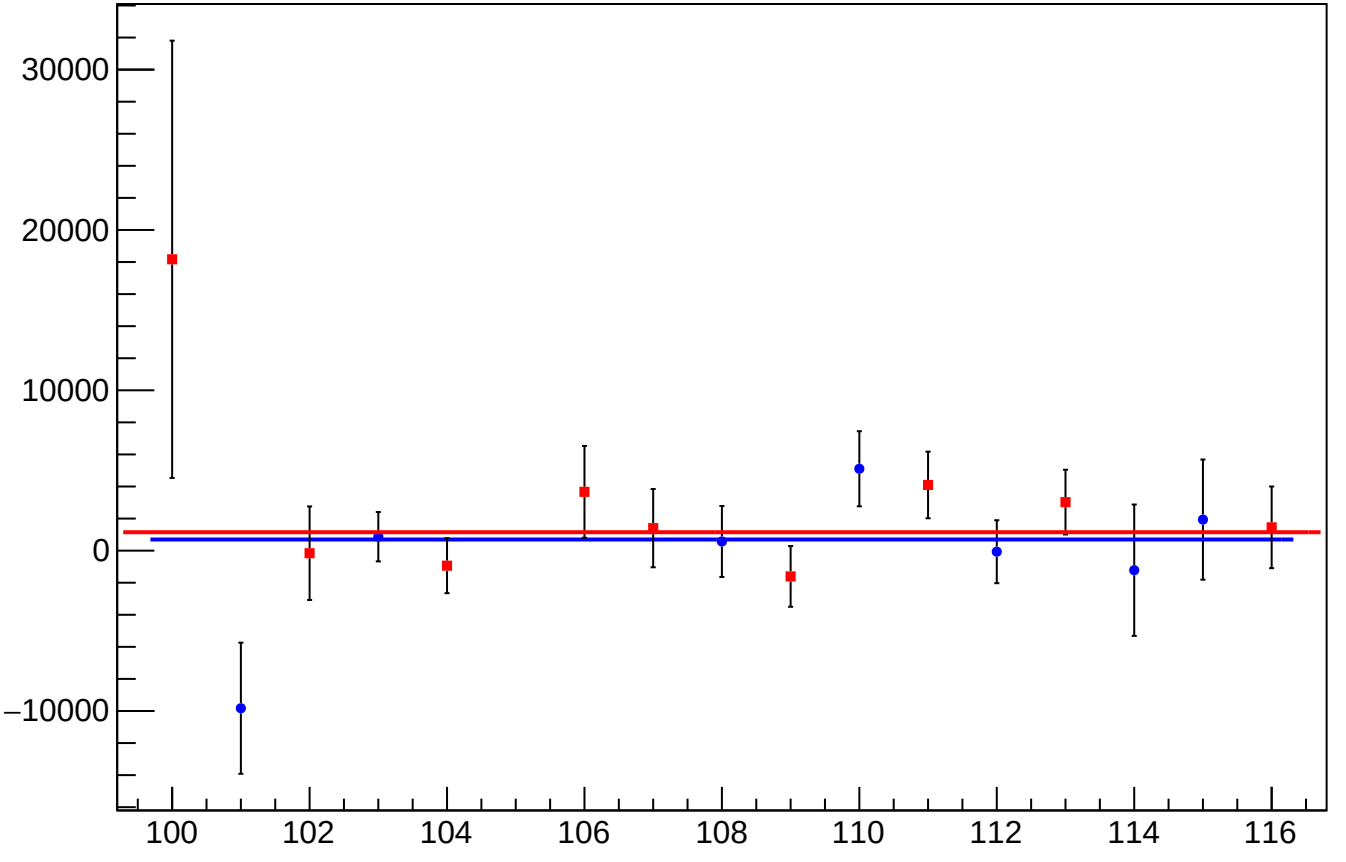
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3510.668+/-1.051 $\chi^2$/NDF: 479755.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl_dd_atr_dd_dd_mean vs Slug




Right In: 695.209+/-891.251 $\chi^2$/NDF: 10.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

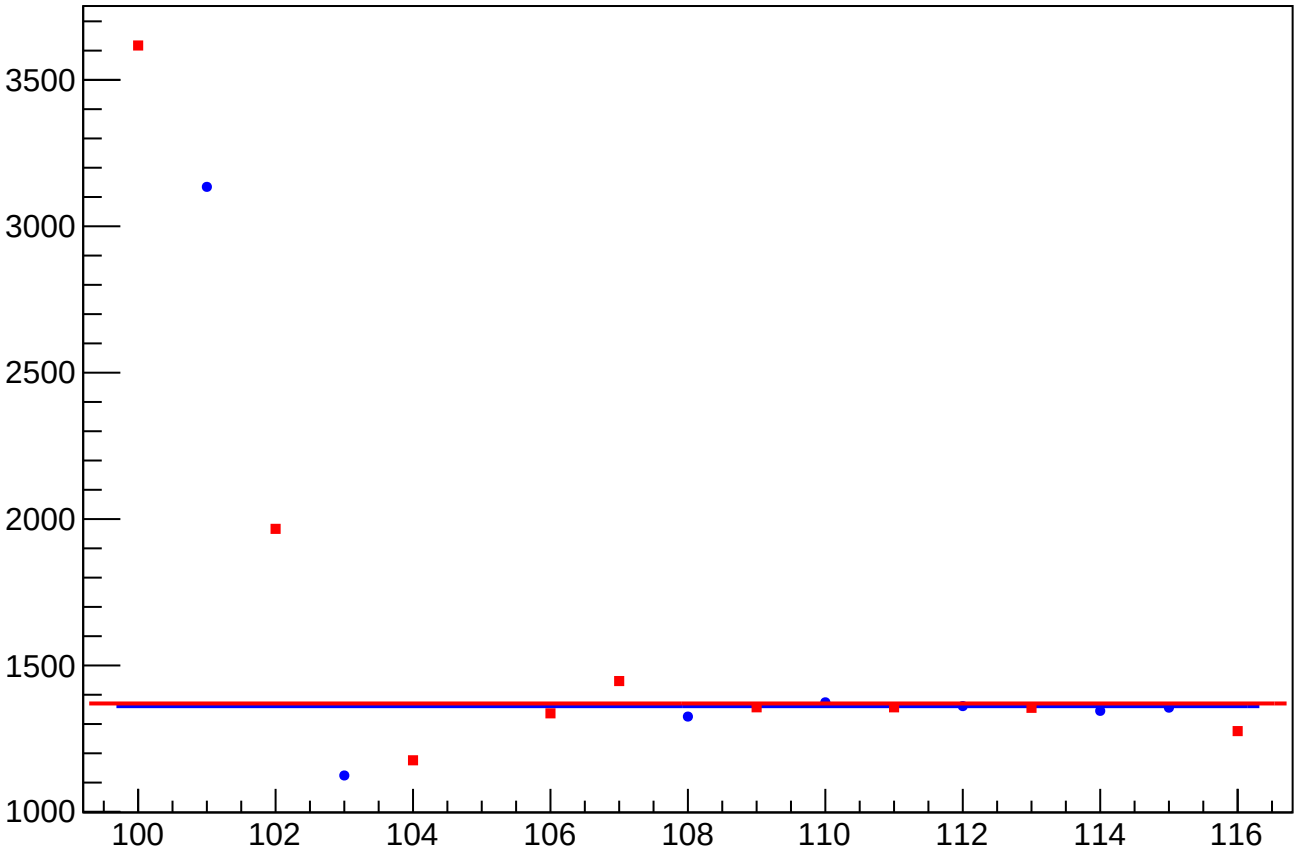
Right Out: 1149.313+/-775.382 $\chi^2$/NDF: 9.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 953.680+/-584.984 $\chi^2$/NDF: 19.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 1361.015+/-0.630 $\chi^2$/NDF: 424200.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1370.197+/-0.548 $\chi^2$/NDF: 168721.5/8

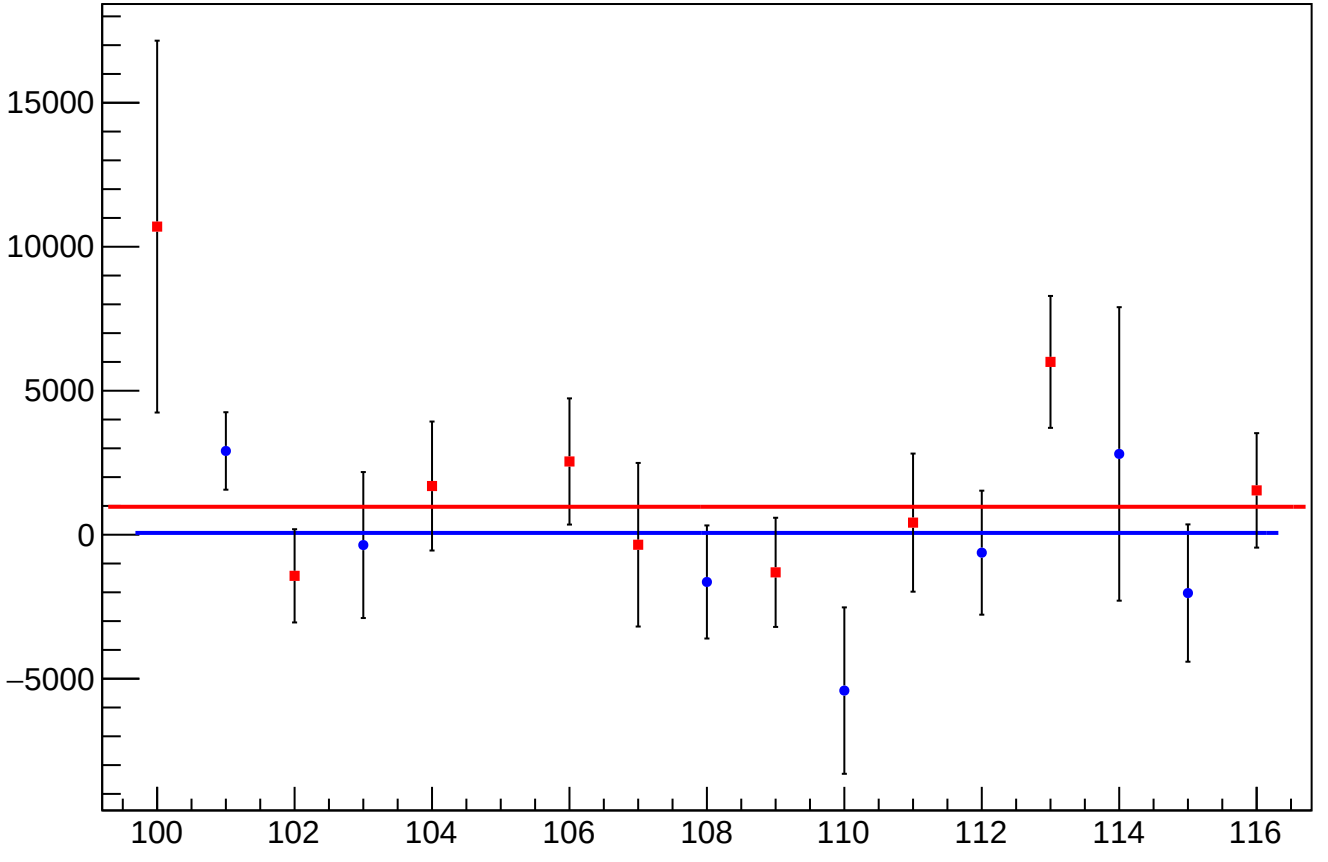
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1366.241+/-0.414 $\chi^2$/NDF: 593042.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_atr_dd_dd_correction_mean vs Slug




Right In: 62.633+/-811.737 $\chi^2$/NDF: 10.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

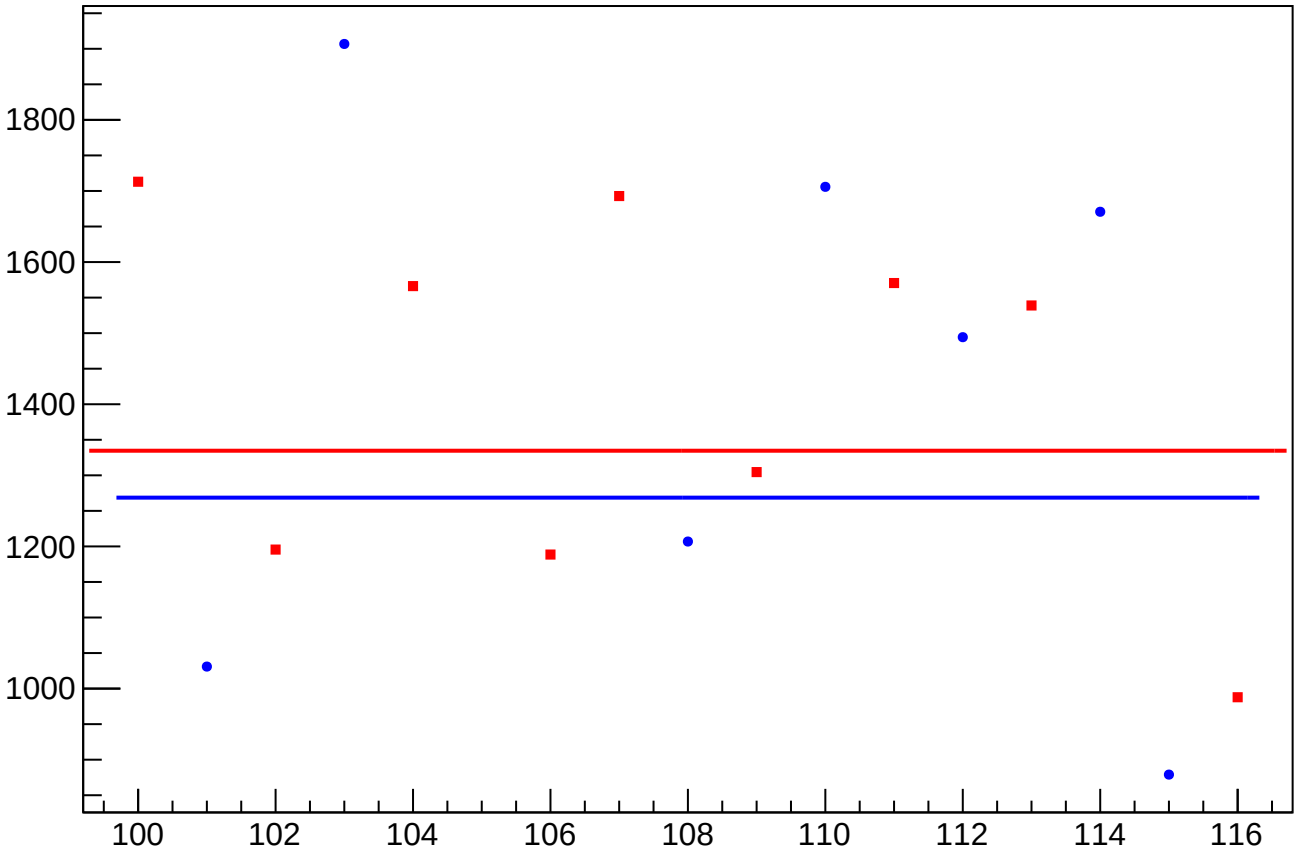
Right Out: 970.380+/-738.581 $\chi^2$/NDF: 11.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 559.246+/-546.292 $\chi^2$/NDF: 22.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 1268.618+/-0.574 $\chi^2$/NDF: 324835.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1334.615+/-0.522 $\chi^2$/NDF: 180358.2/8

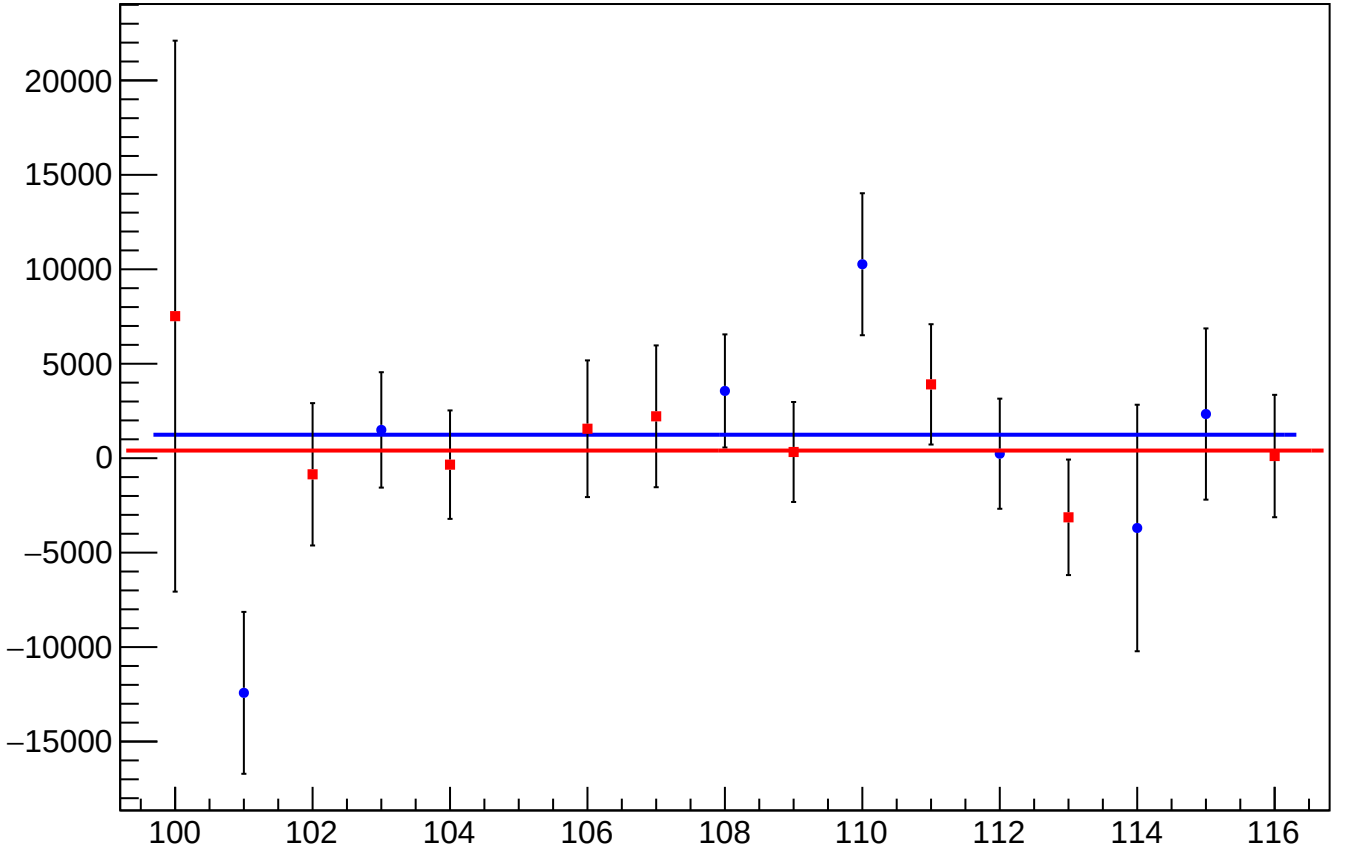
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1304.724+/-0.386 $\chi^2$/NDF: 512426.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_atr_dd_dd_mean vs Slug




Right In: 1241.846+/-1368.704 $\chi^2$/NDF: 17.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 404.295+/-1126.925 $\chi^2$/NDF: 3.3/8

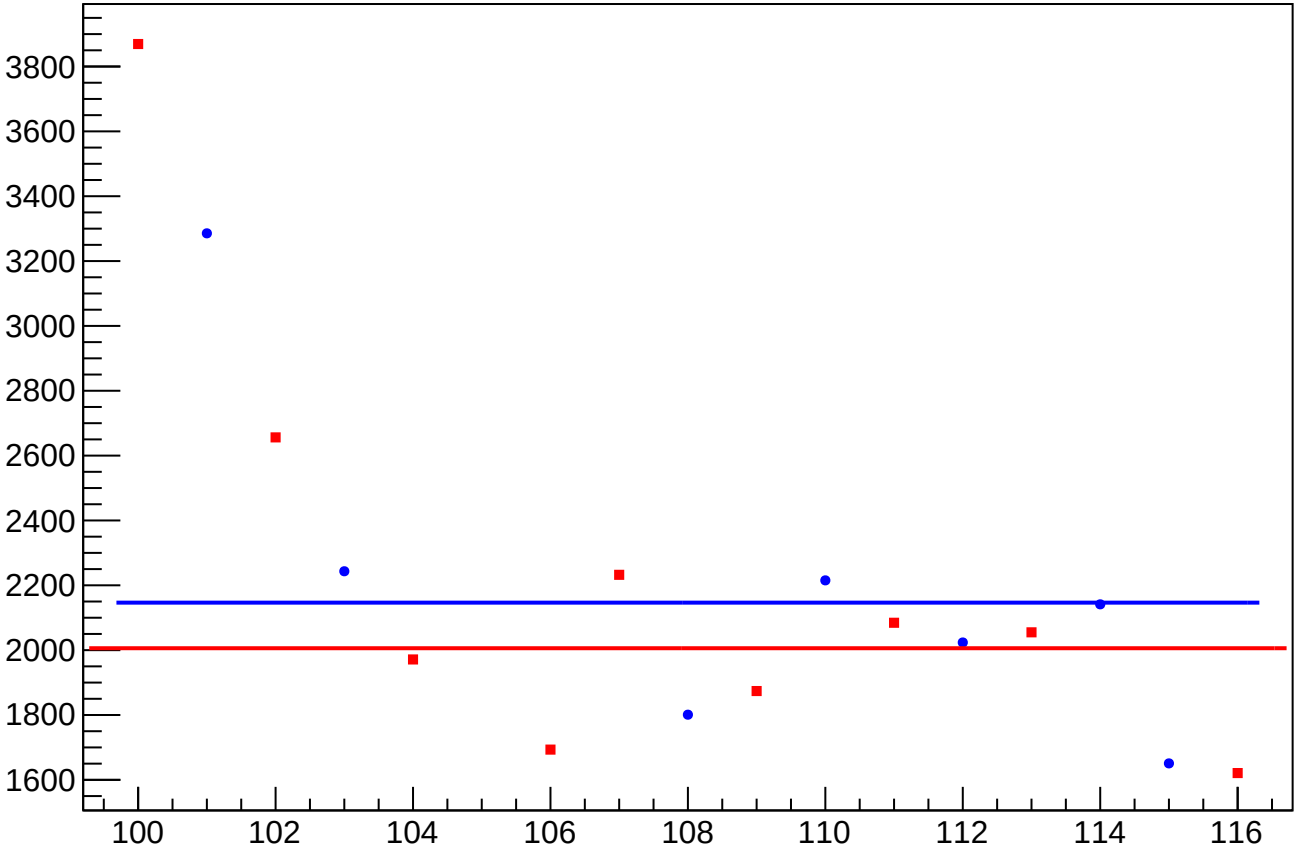
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 742.682+/-869.983 $\chi^2$/NDF: 20.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl_dd_atr_dd_dd_rms vs Slug




Right In: 2146.550+/-0.968 $\chi^2$/NDF: 198092.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2005.953+/-0.797 $\chi^2$/NDF: 149694.8/8

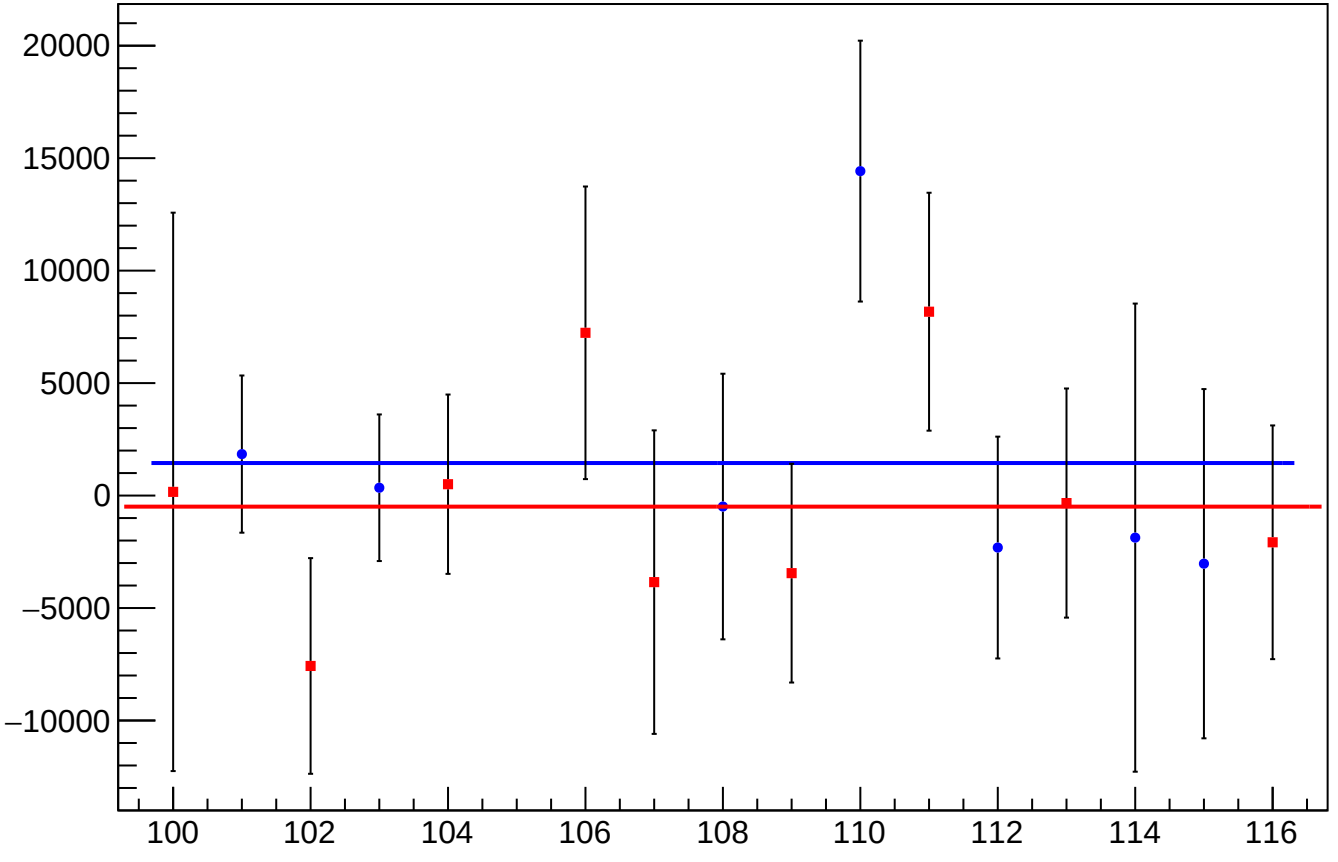
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2062.756+/-0.615 $\chi^2$/NDF: 360365.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl1_mean vs Slug




Right In: 1446.526+/-1821.370 $\chi^2$/NDF: 6.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -492.165+/-1789.831 $\chi^2$/NDF: 7.1/8

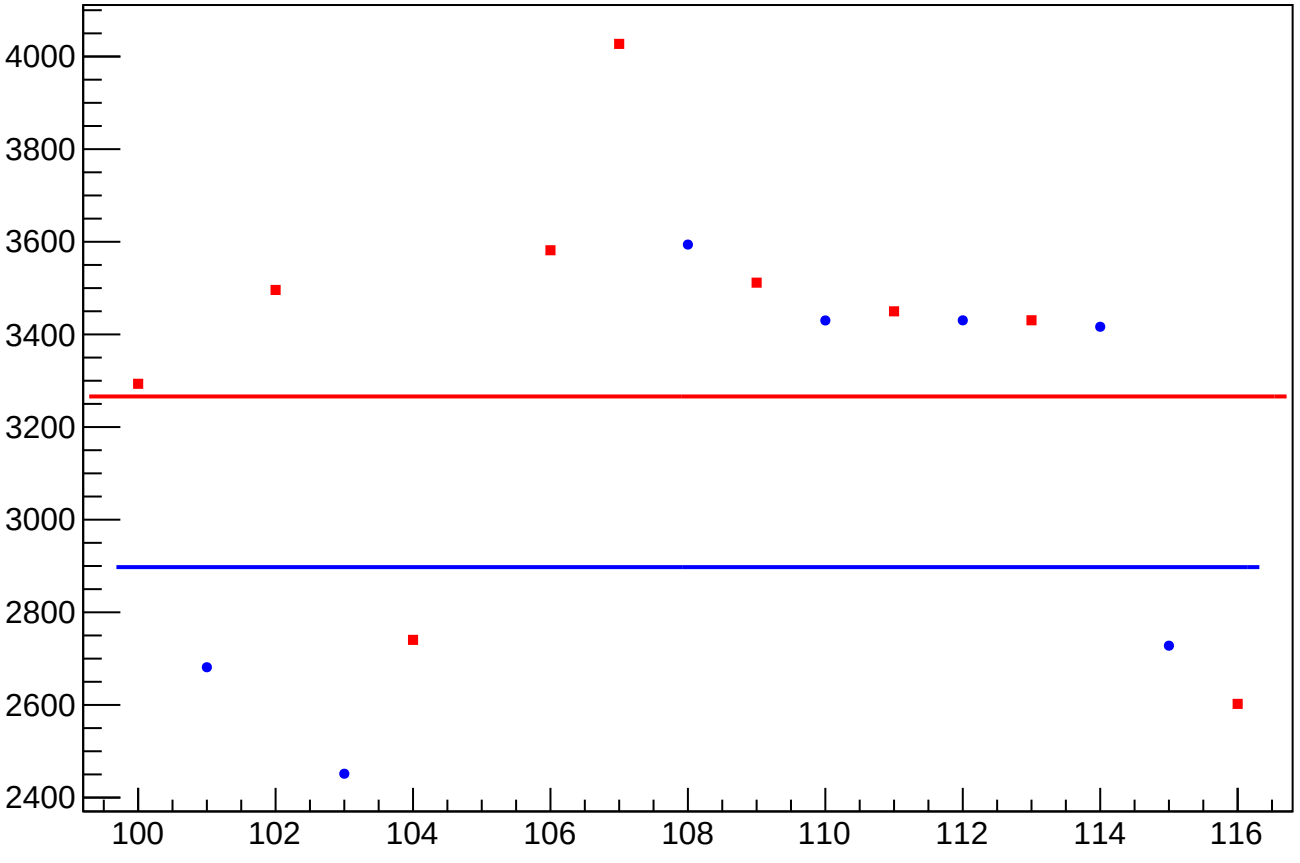
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 460.249+/-1276.606 $\chi^2$/NDF: 13.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl1_rms vs Slug




Right In: 2897.568+/-1.288 $\chi^2$/NDF: 119110.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3266.054+/-1.266 $\chi^2$/NDF: 111793.3/8

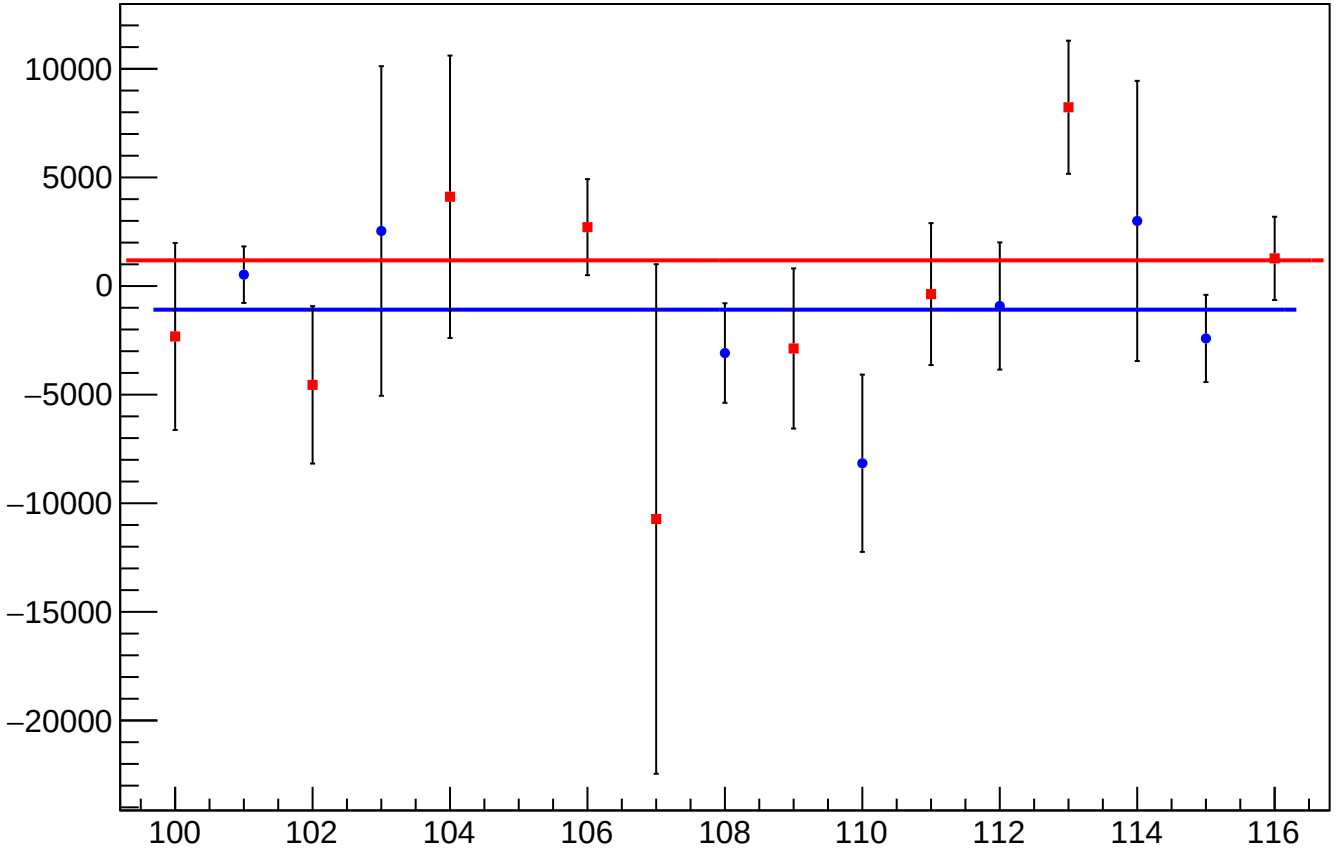
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3085.029+/-0.903 $\chi^2$/NDF: 272548.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl1_correction_mean vs Slug




Right In: -1087.820+/-895.163 $\chi^2$/NDF: 6.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1182.882+/-1047.318 $\chi^2$/NDF: 11.6/8

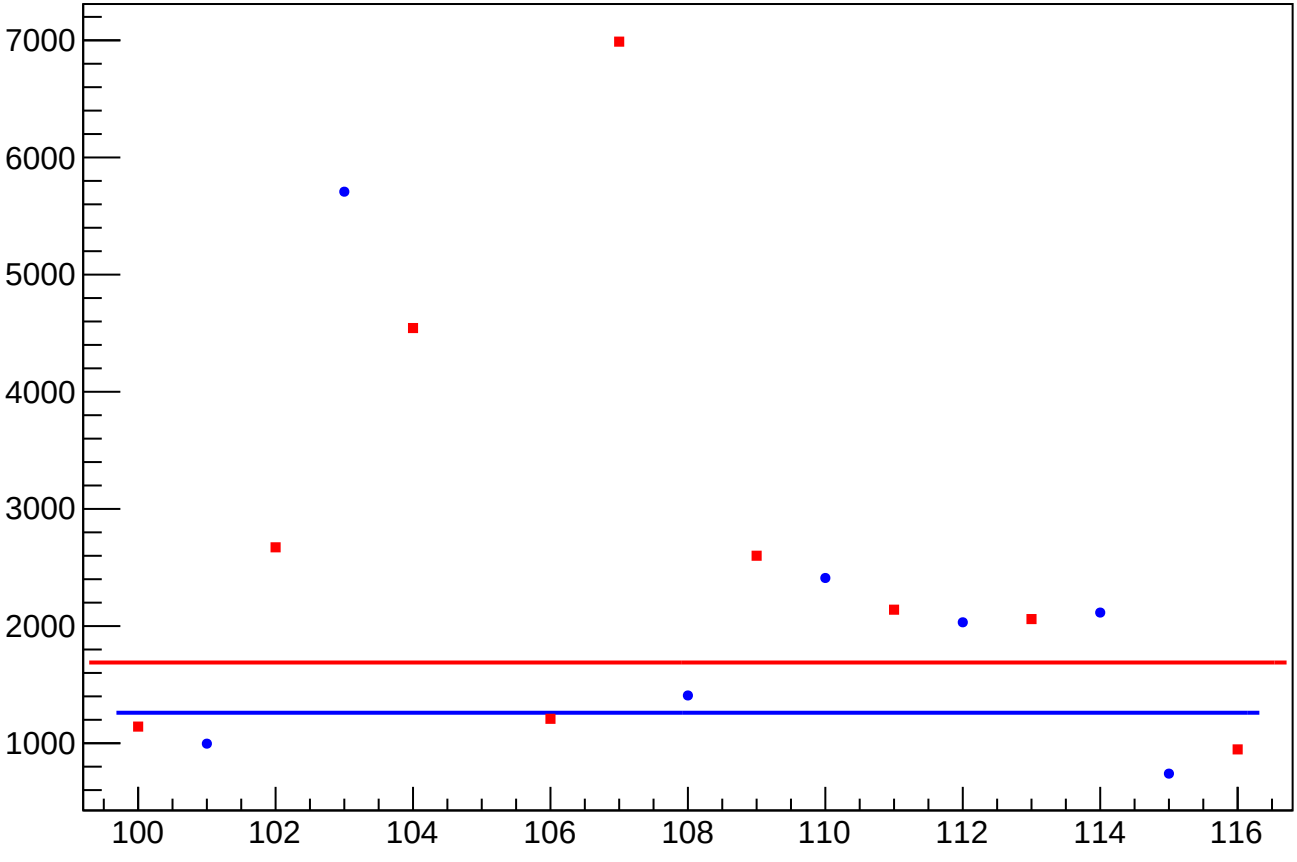
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -129.249+/-680.472 $\chi^2$/NDF: 20.7/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl1_correction_rms vs Slug




Right In: 1260.248+/-0.633 $\chi^2$/NDF: 1244920.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1689.019+/-0.741 $\chi^2$/NDF: 1557408.1/8

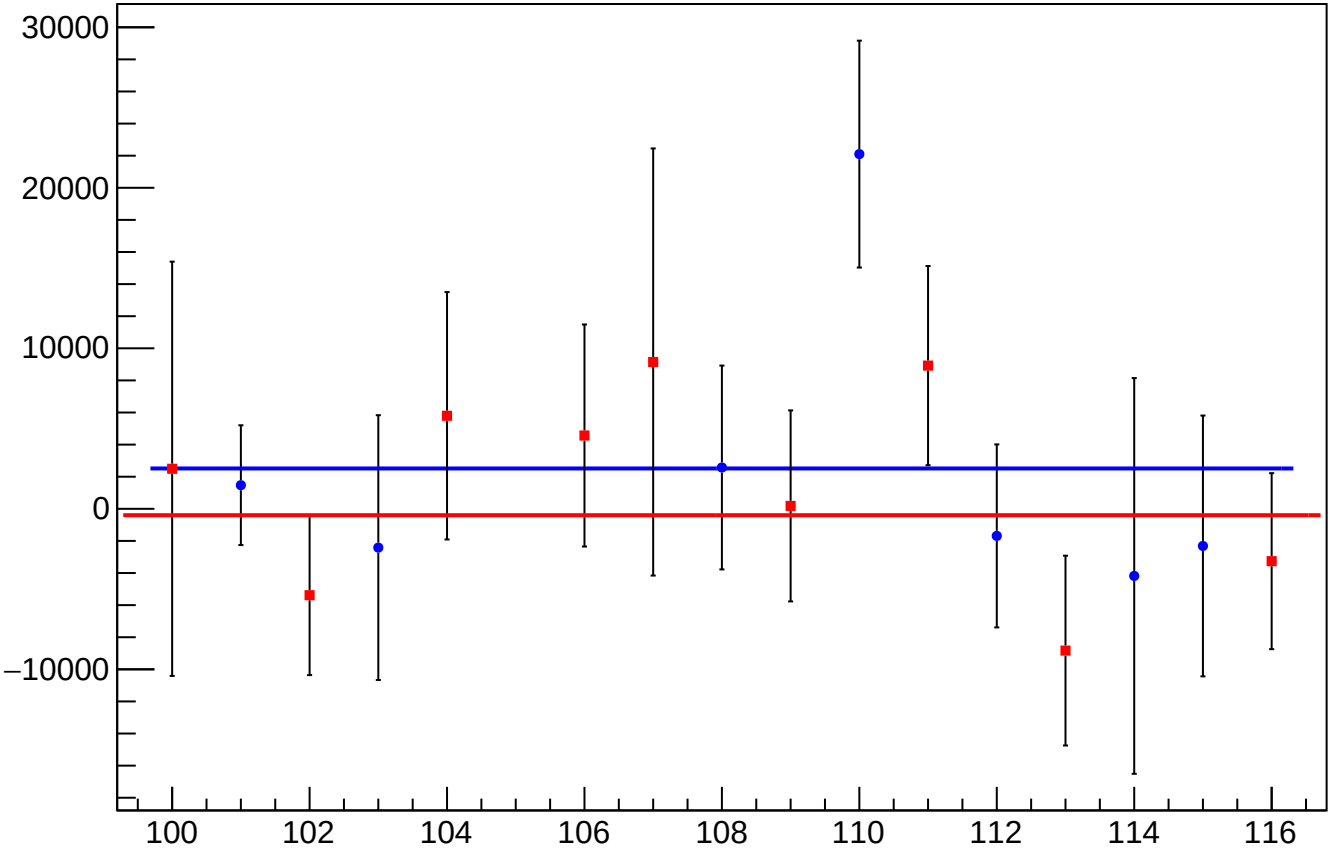
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1441.253+/-0.481 $\chi^2$/NDF: 2996032.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl1_mean vs Slug




Right In: 2513.645+/-2332.214 $\chi^2$/NDF: 9.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -397.333+/-2204.114 $\chi^2$/NDF: 7.3/8

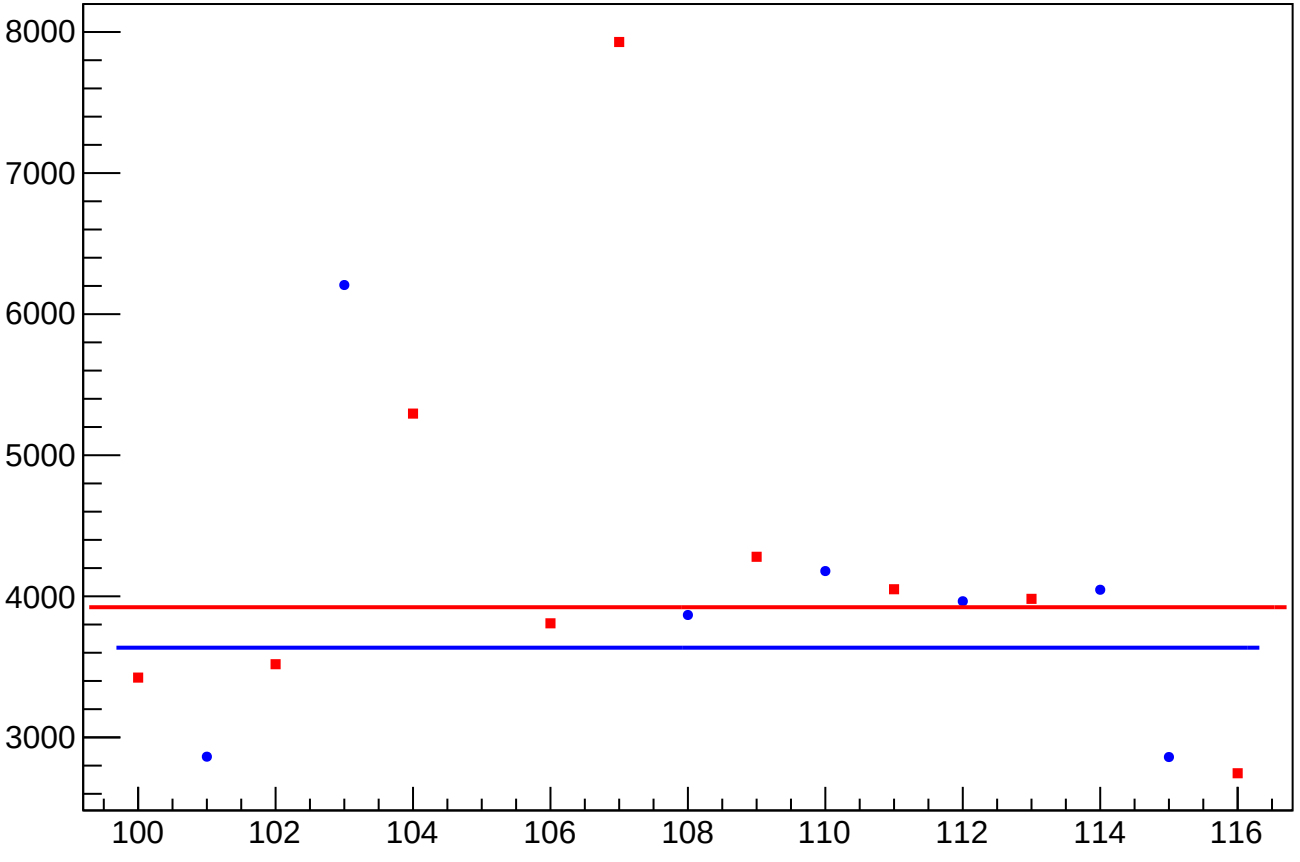
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 976.019+/-1601.917 $\chi^2$/NDF: 17.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl1_rms vs Slug




Right In: 3635.859+/-1.649 $\chi^2$/NDF: 321530.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3922.691+/-1.559 $\chi^2$/NDF: 361927.8/8

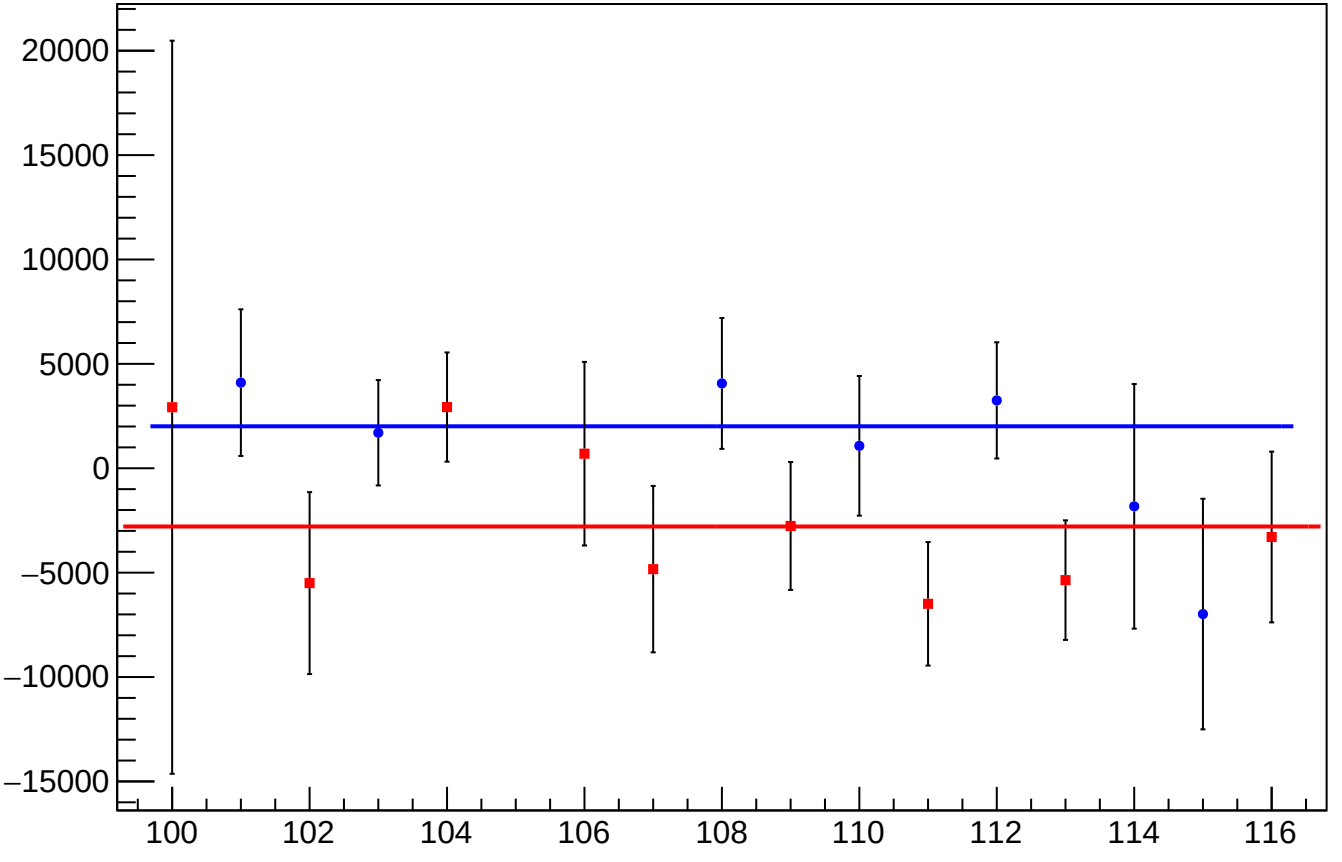
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3787.368+/-1.133 $\chi^2$/NDF: 699438.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl2_mean vs Slug




Right In: 2010.269+/-1269.694 $\chi^2$/NDF: 4.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2789.282+/-1179.042 $\chi^2$/NDF: 8.6/8

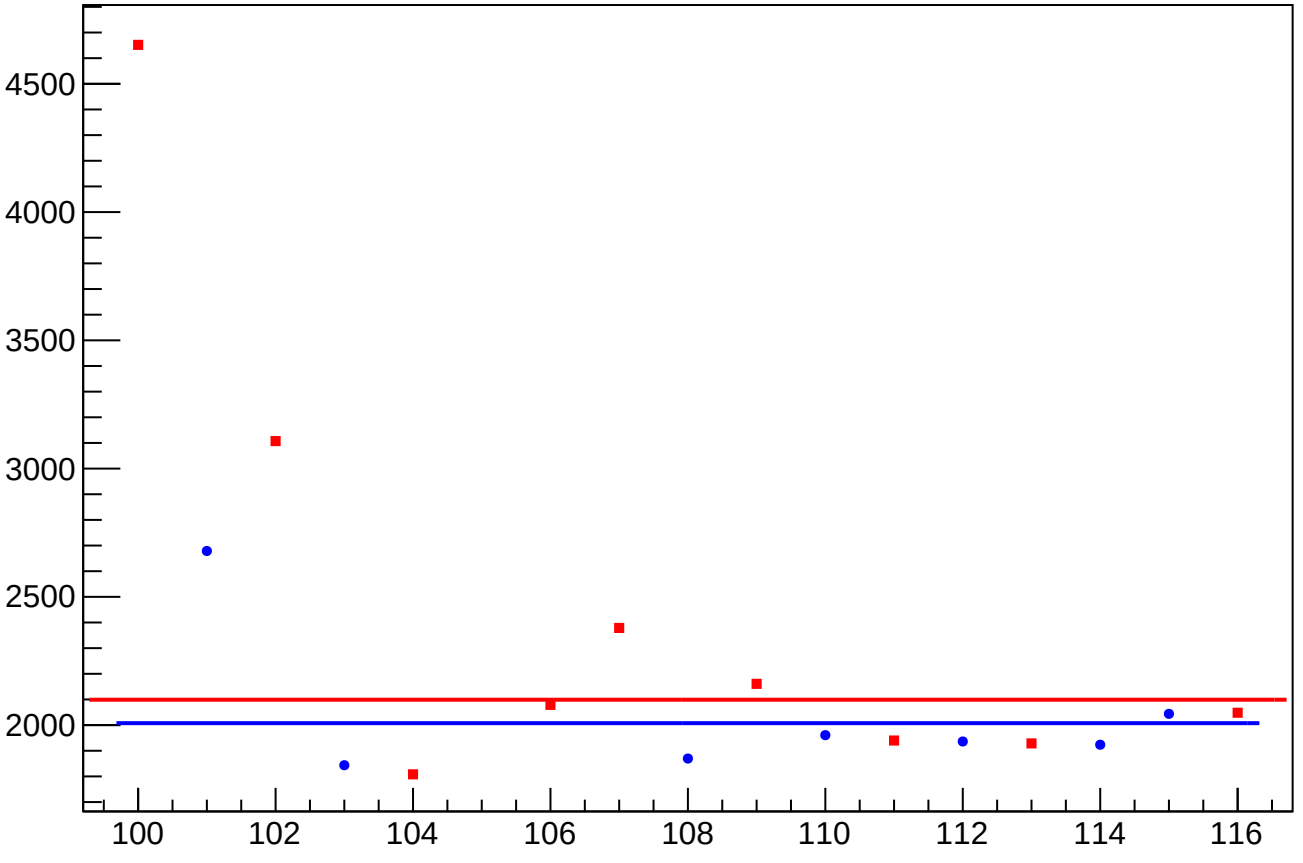
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -566.944+/-863.981 $\chi^2$/NDF: 20.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atl2_rms vs Slug




Right In: 2007.583+/-0.898 $\chi^2$/NDF: 87586.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2098.980+/-0.831 $\chi^2$/NDF: 197976.4/8

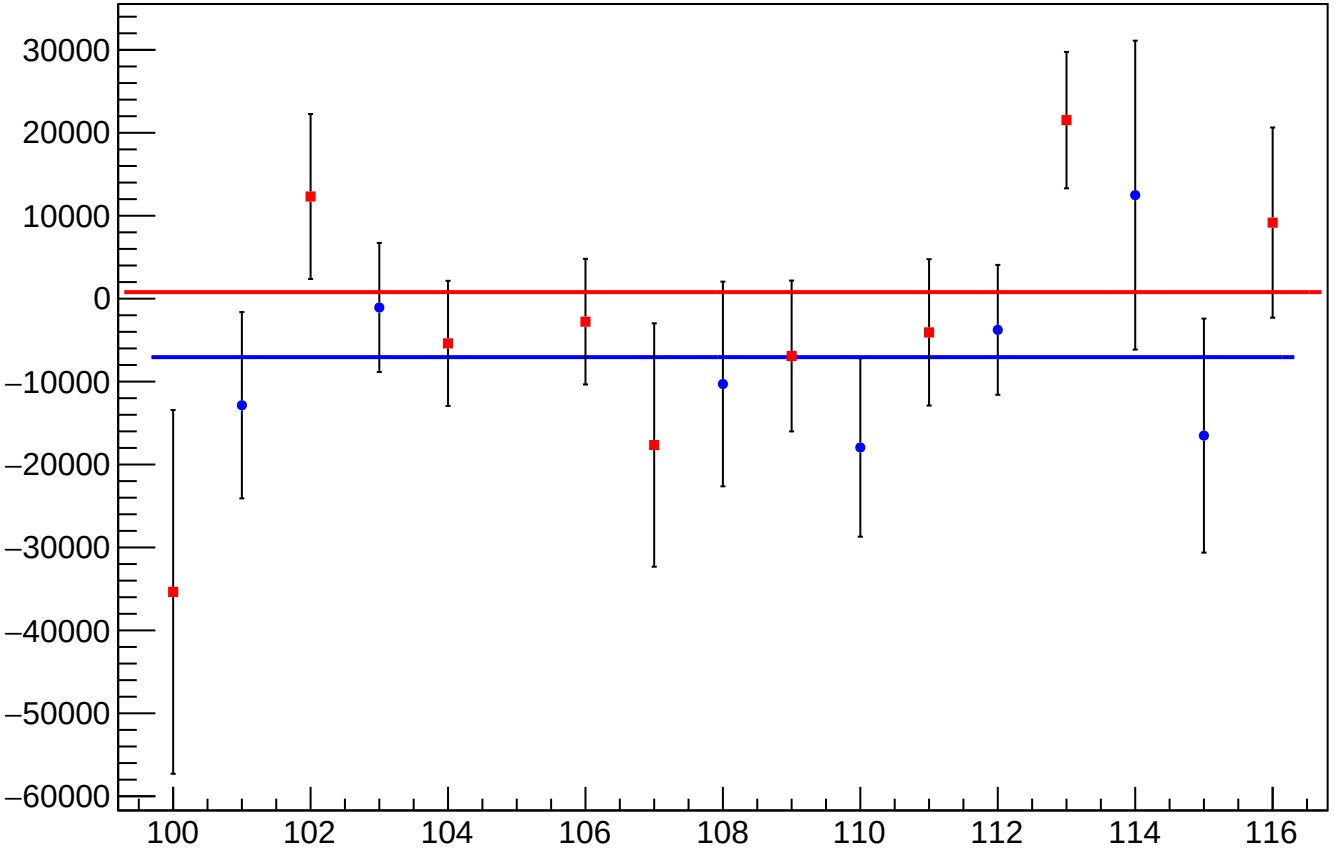
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2056.801+/-0.610 $\chi^2$/NDF: 291143.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl2_correction_mean vs Slug




Right In: -7050.607+/-3957.871 $\chi^2$/NDF: 3.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 788.840+/-3176.201 $\chi^2$/NDF: 14.4/8

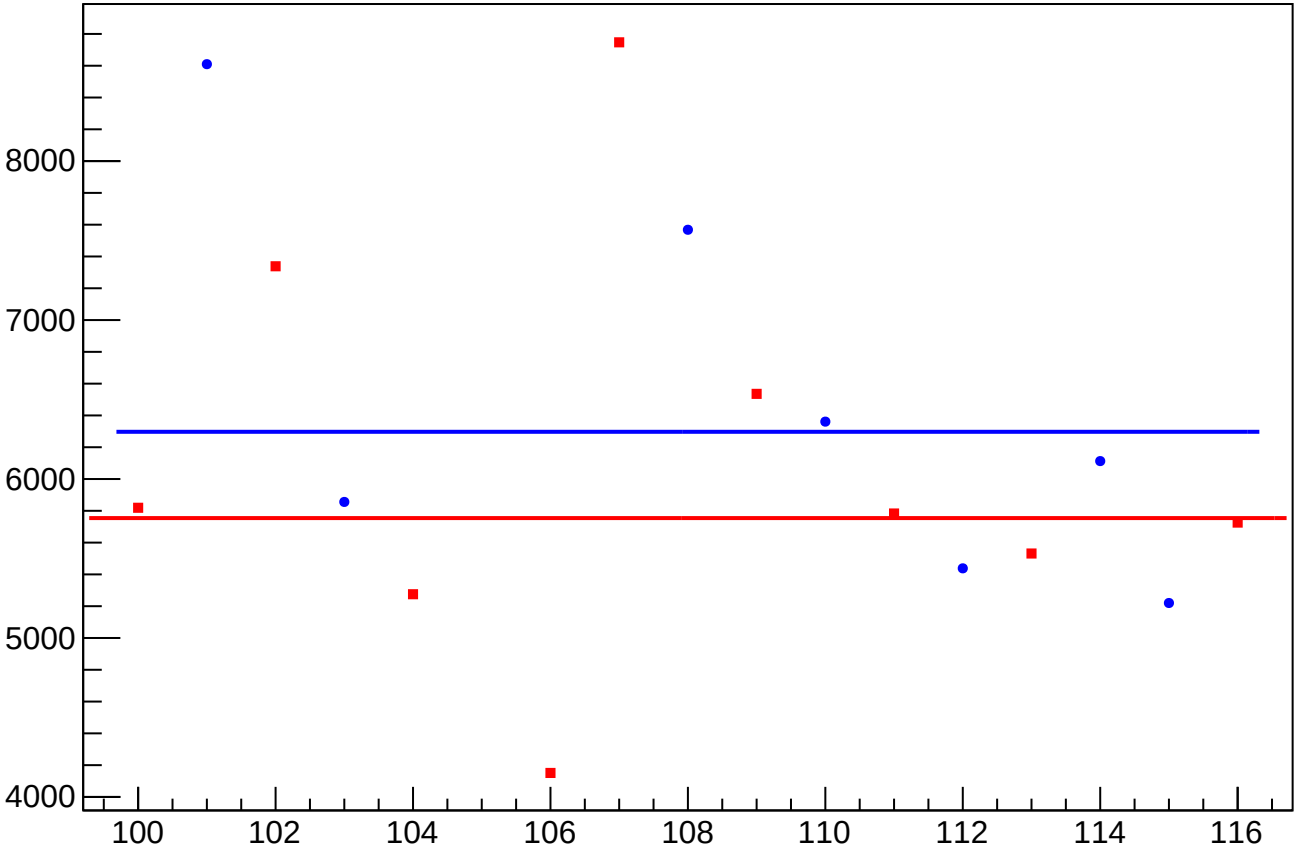
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2282.116+/-2477.169 $\chi^2$/NDF: 20.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl2_correction_rms vs Slug




Right In: 6297.109+/-2.799 $\chi^2$/NDF: 148383.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 5754.263+/-2.246 $\chi^2$/NDF: 247800.3/8

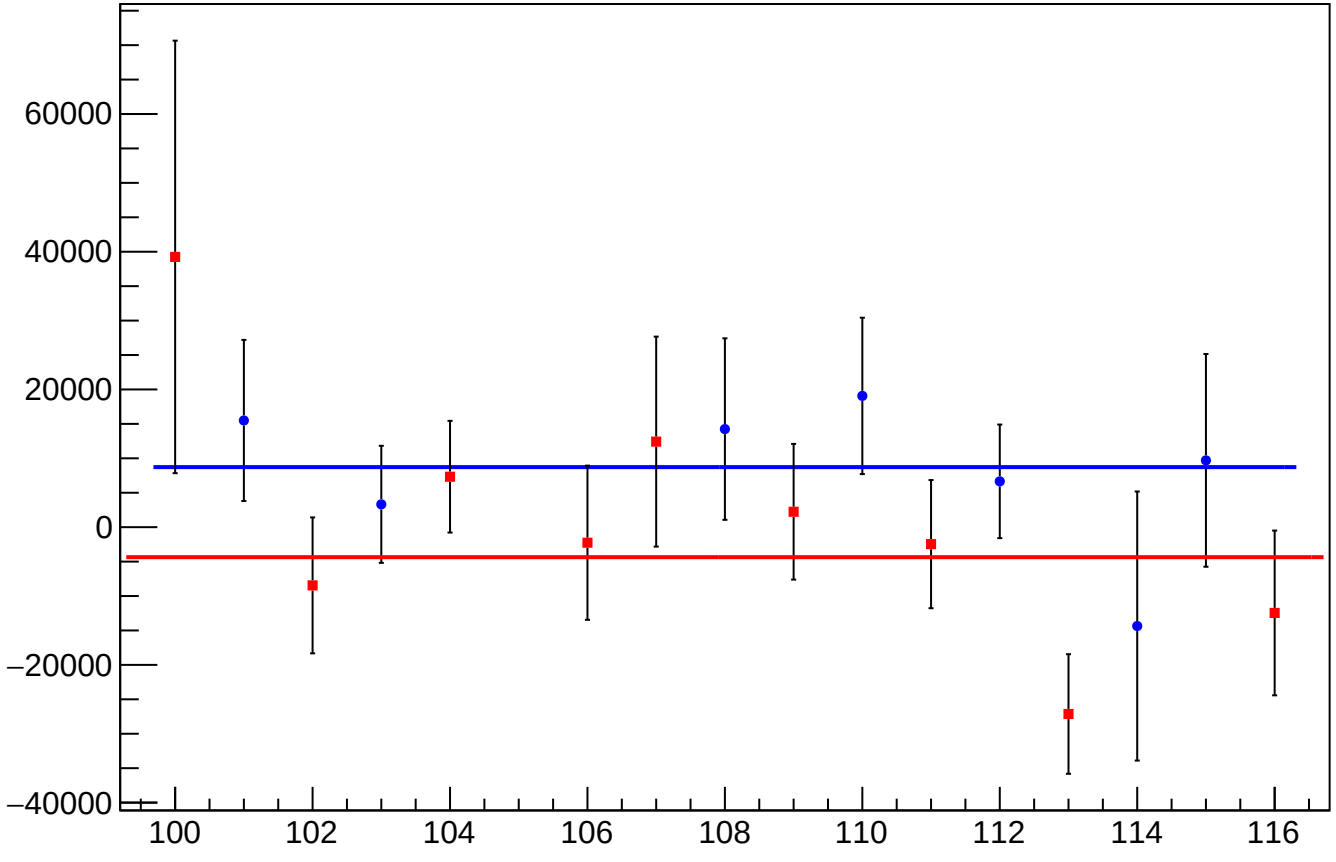
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 5966.913+/-1.752 $\chi^2$/NDF: 419068.9/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl2_mean vs Slug




Right In: 8720.806+/-4219.167 $\chi^2$/NDF: 3.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -4357.366+/-3516.704 $\chi^2$/NDF: 13.2/8

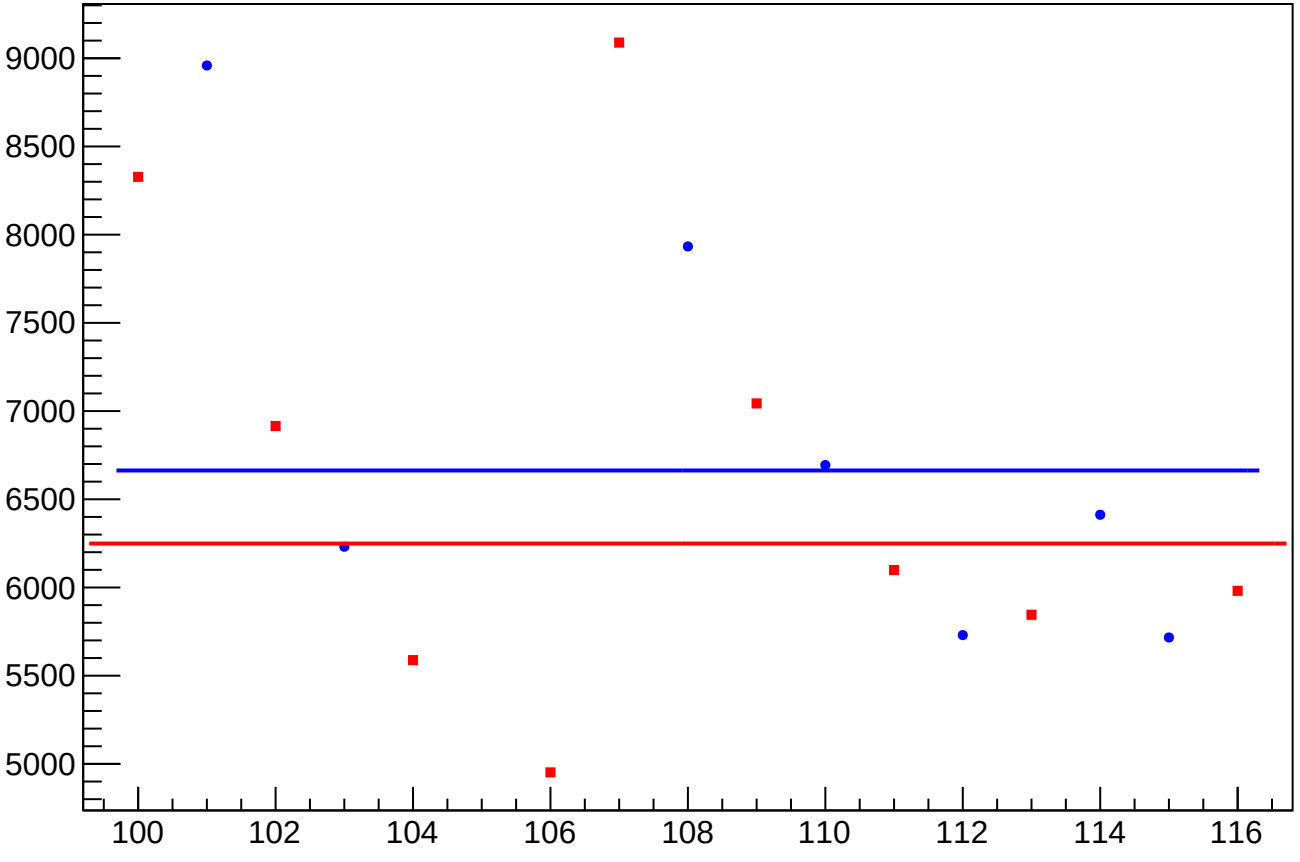
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1003.857+/-2701.377 $\chi^2$/NDF: 22.1/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atl2_rms vs Slug




Right In: 6663.276+/-2.983 $\chi^2$/NDF: 134221.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 6249.098+/-2.486 $\chi^2$/NDF: 146247.3/8

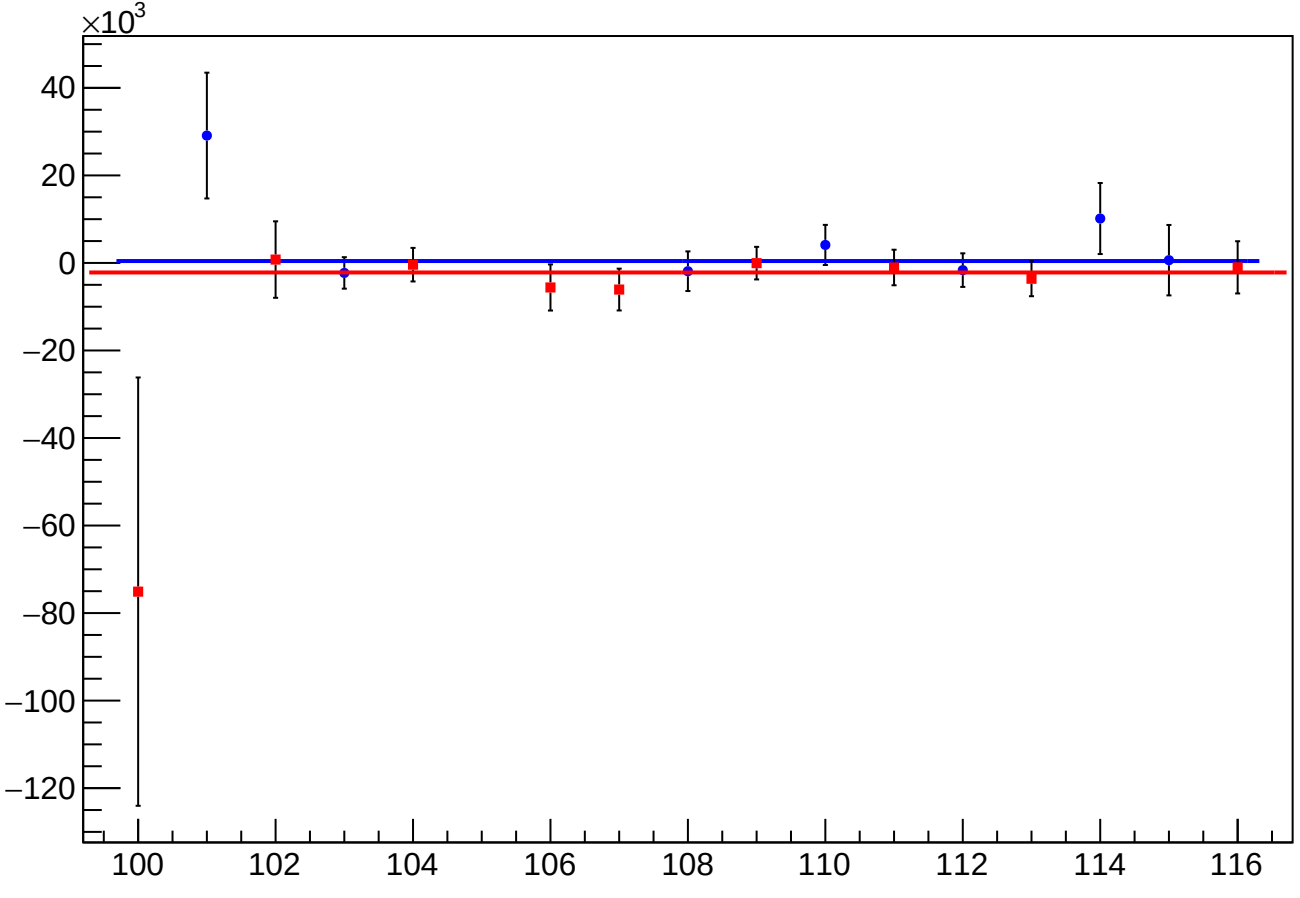
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 6418.868+/-1.910 $\chi^2$/NDF: 291842.4/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr1_mean vs Slug




Right In: 435.788+/-1899.540 $\chi^2$/NDF: 7.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2176.709+/-1611.669 $\chi^2$/NDF: 4.2/8

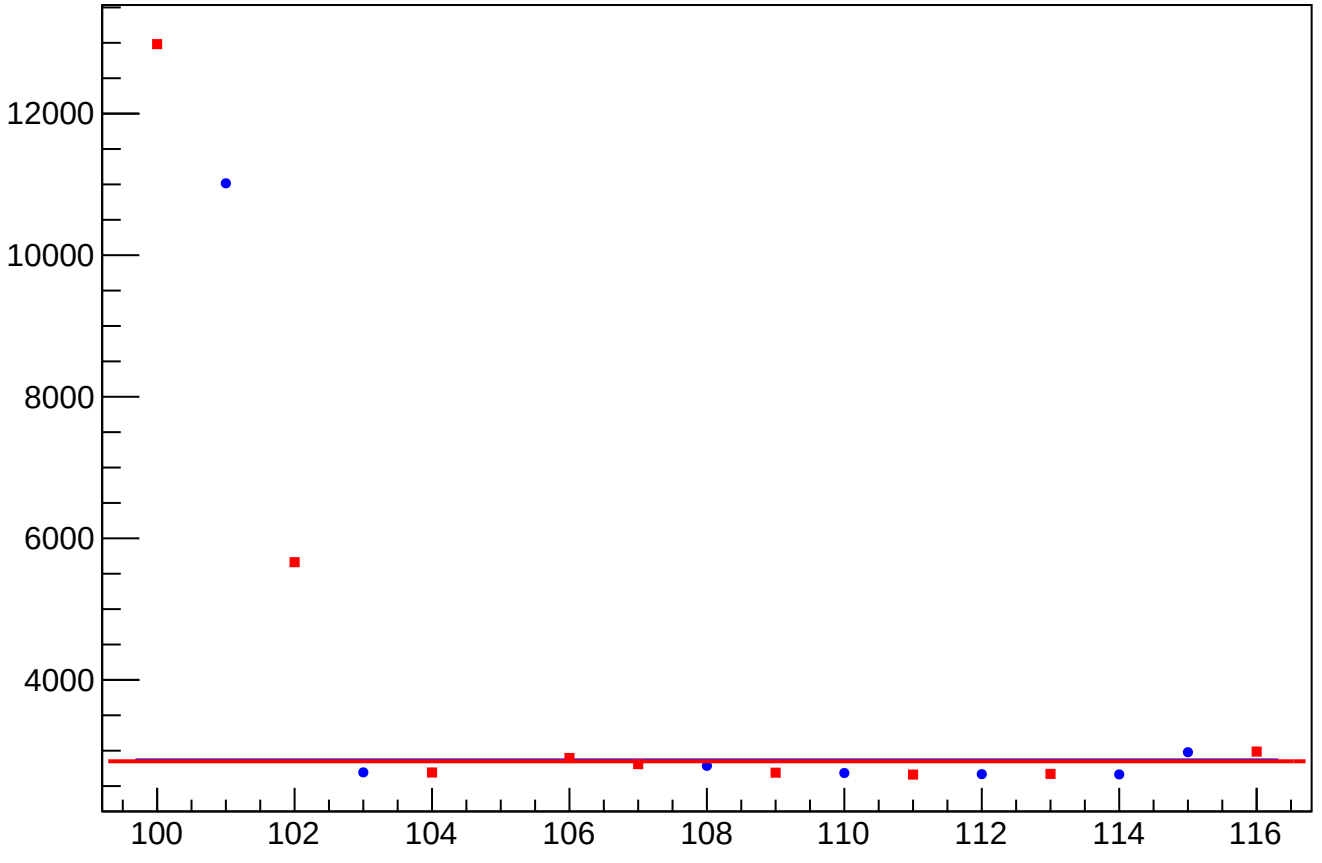
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1083.219+/-1228.932 $\chi^2$/NDF: 12.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr1_rms vs Slug




Right In: 2862.143+/-1.343 $\chi^2$/NDF: 658407.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2850.109+/-1.140 $\chi^2$/NDF: 309757.4/8

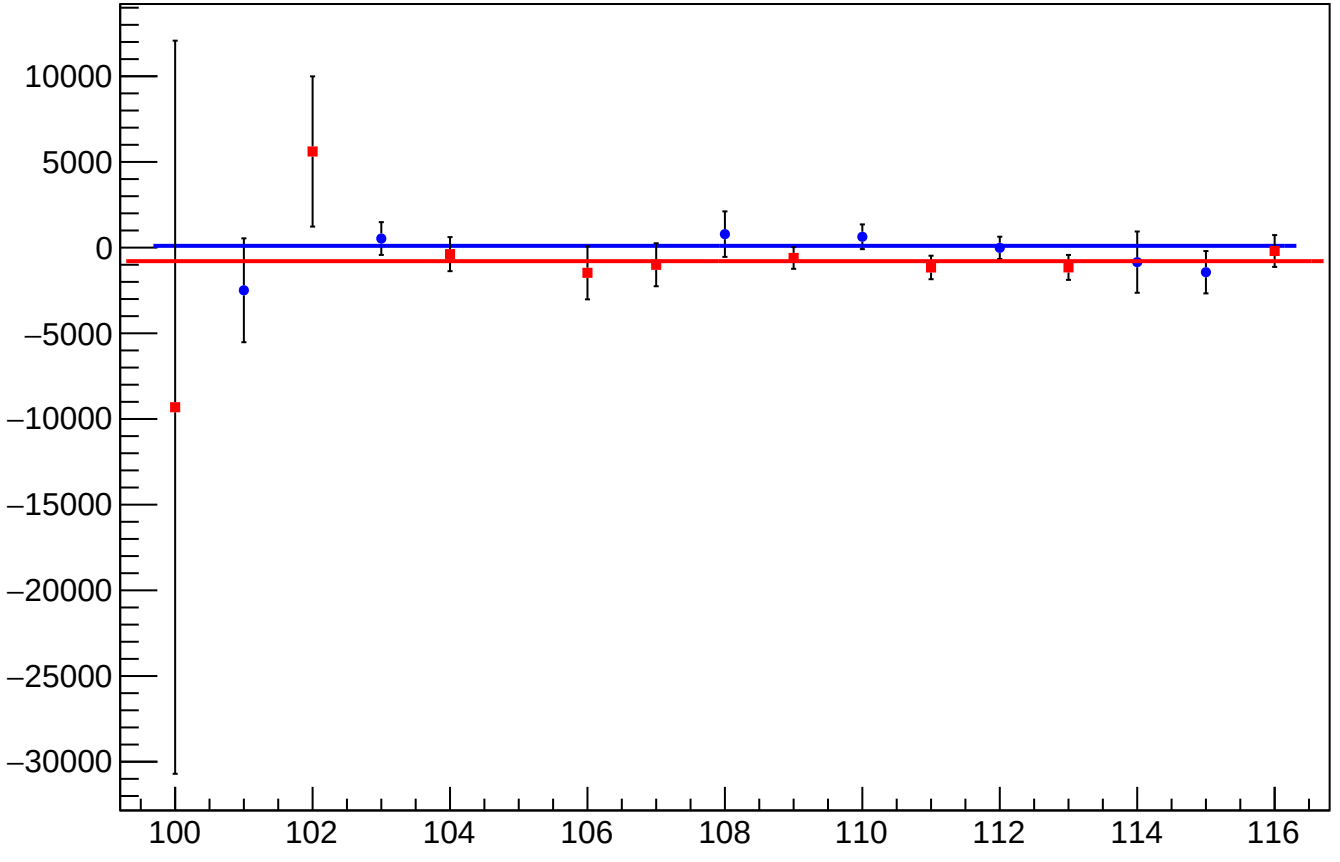
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2855.146+/-0.869 $\chi^2$/NDF: 968211.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr1_correction_mean vs Slug




Right In: 103.920+/-377.349 $\chi^2$/NDF: 3.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -790.566+/-319.513 $\chi^2$/NDF: 3.7/8

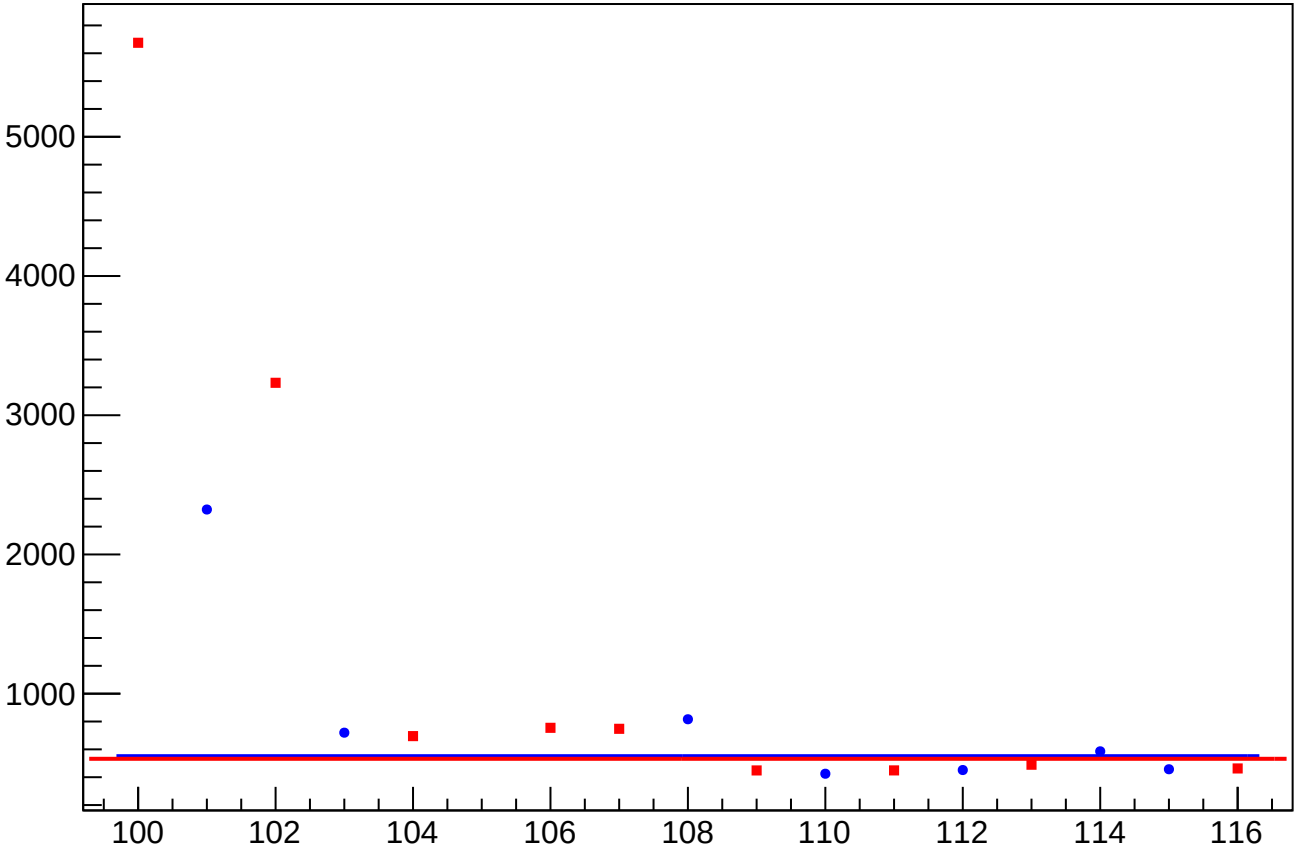
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -417.053+/-243.843 $\chi^2$/NDF: 10.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr1_correction_rms vs Slug




Right In: 550.990+/-0.267 $\chi^2$/NDF: 945550.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 532.194+/-0.226 $\chi^2$/NDF: 1111553.8/8

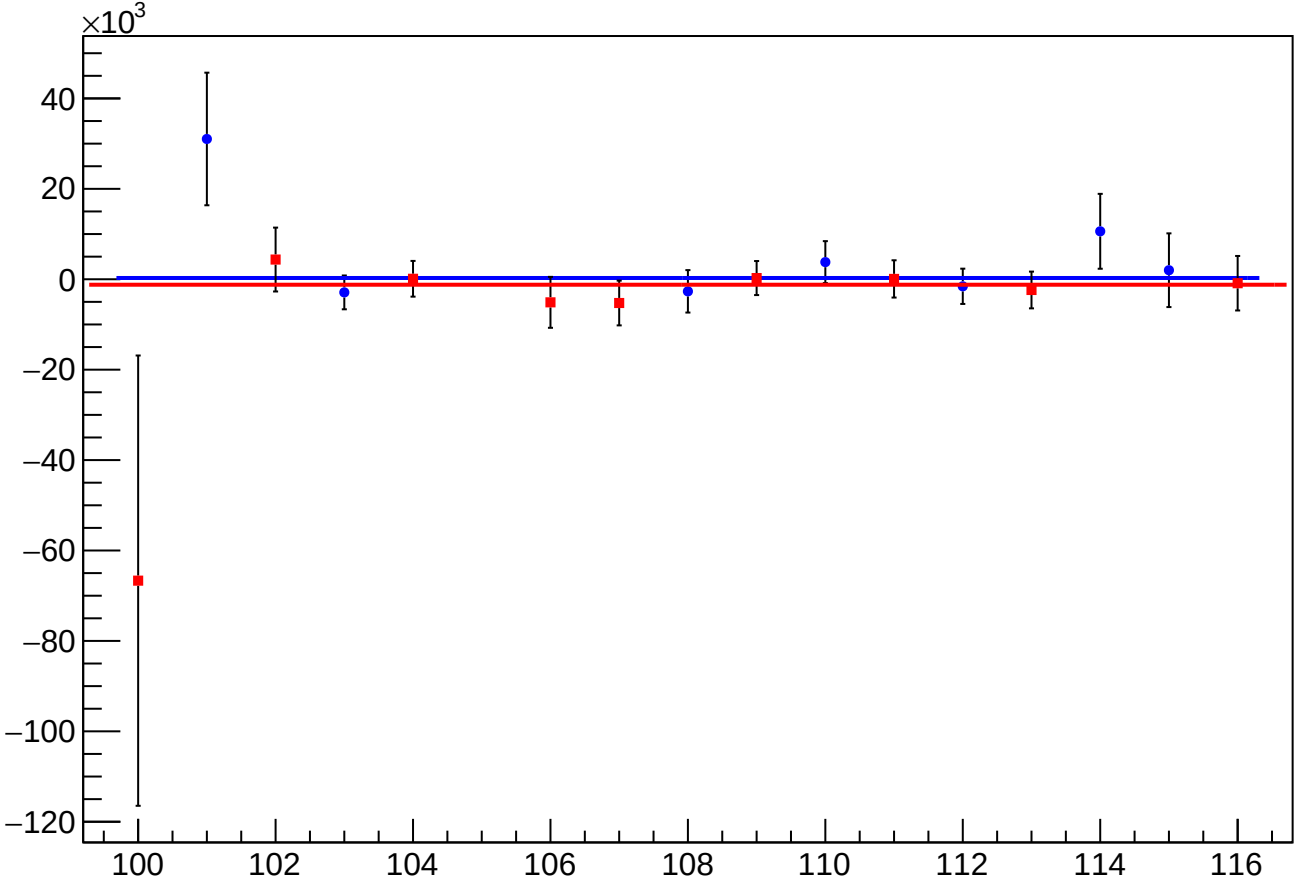
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 540.043+/-0.172 $\chi^2$/NDF: 2059994.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr1_mean vs Slug




Right In: 281.230+/-1948.727 $\chi^2$/NDF: 7.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1209.395+/-1634.754 $\chi^2$/NDF: 3.9/8

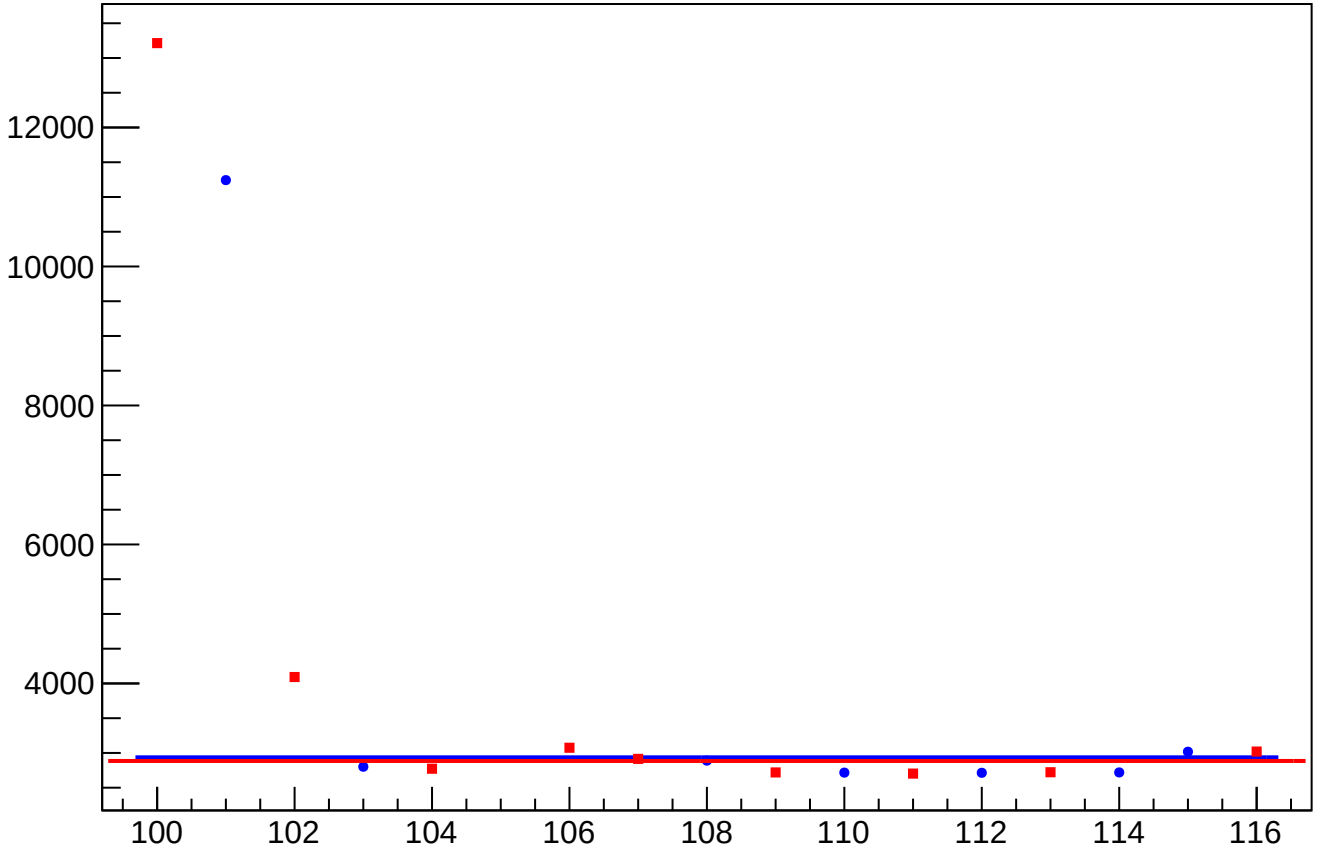
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -593.692+/-1252.428 $\chi^2$/NDF: 12.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr1_rms vs Slug




Right In: 2936.902+/-1.378 $\chi^2$/NDF: 656854.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2884.691+/-1.156 $\chi^2$/NDF: 160376.3/8

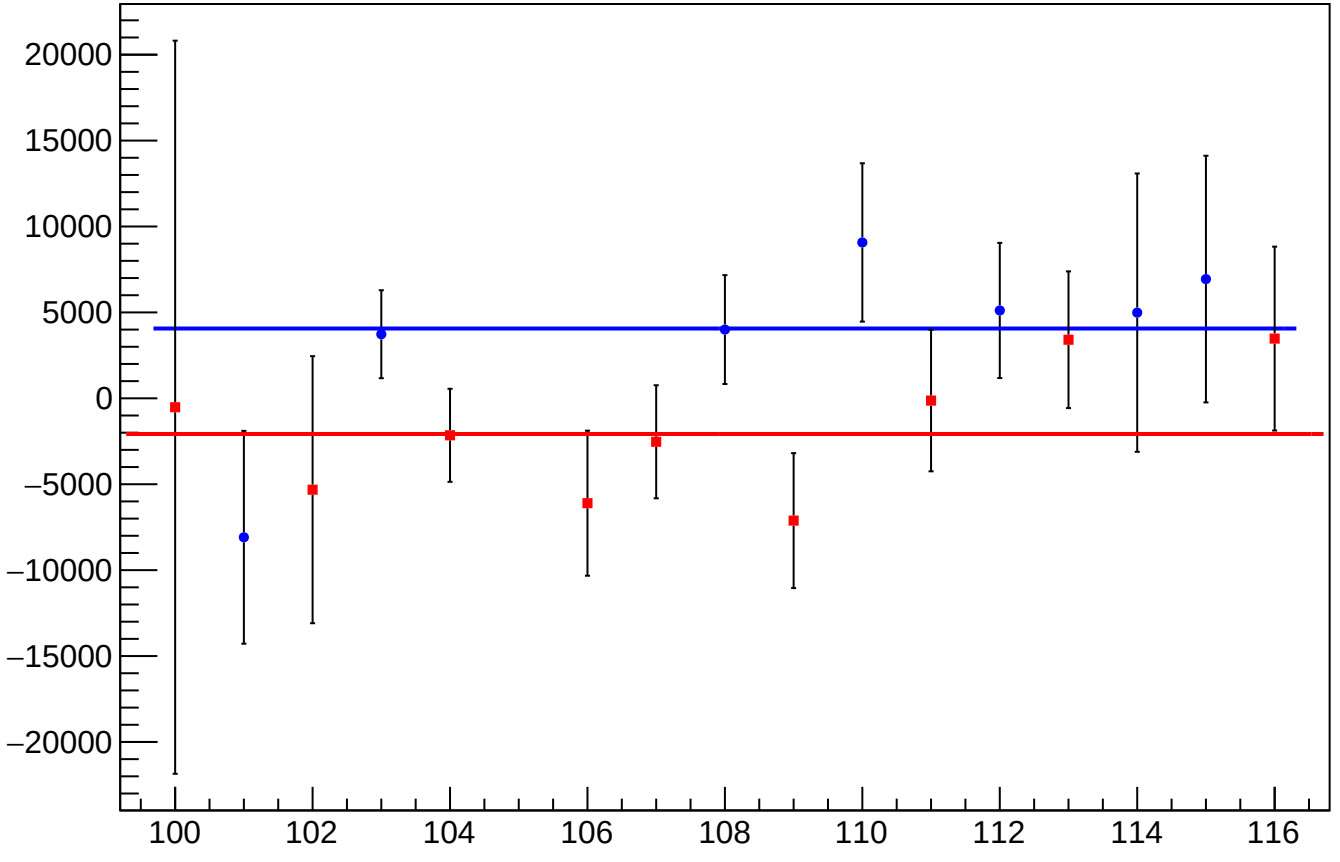
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2906.257+/-0.886 $\chi^2$/NDF: 818073.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr2_mean vs Slug




Right In: 4062.828+/-1534.579 $\chi^2$/NDF: 5.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2076.611+/-1379.413 $\chi^2$/NDF: 6.0/8

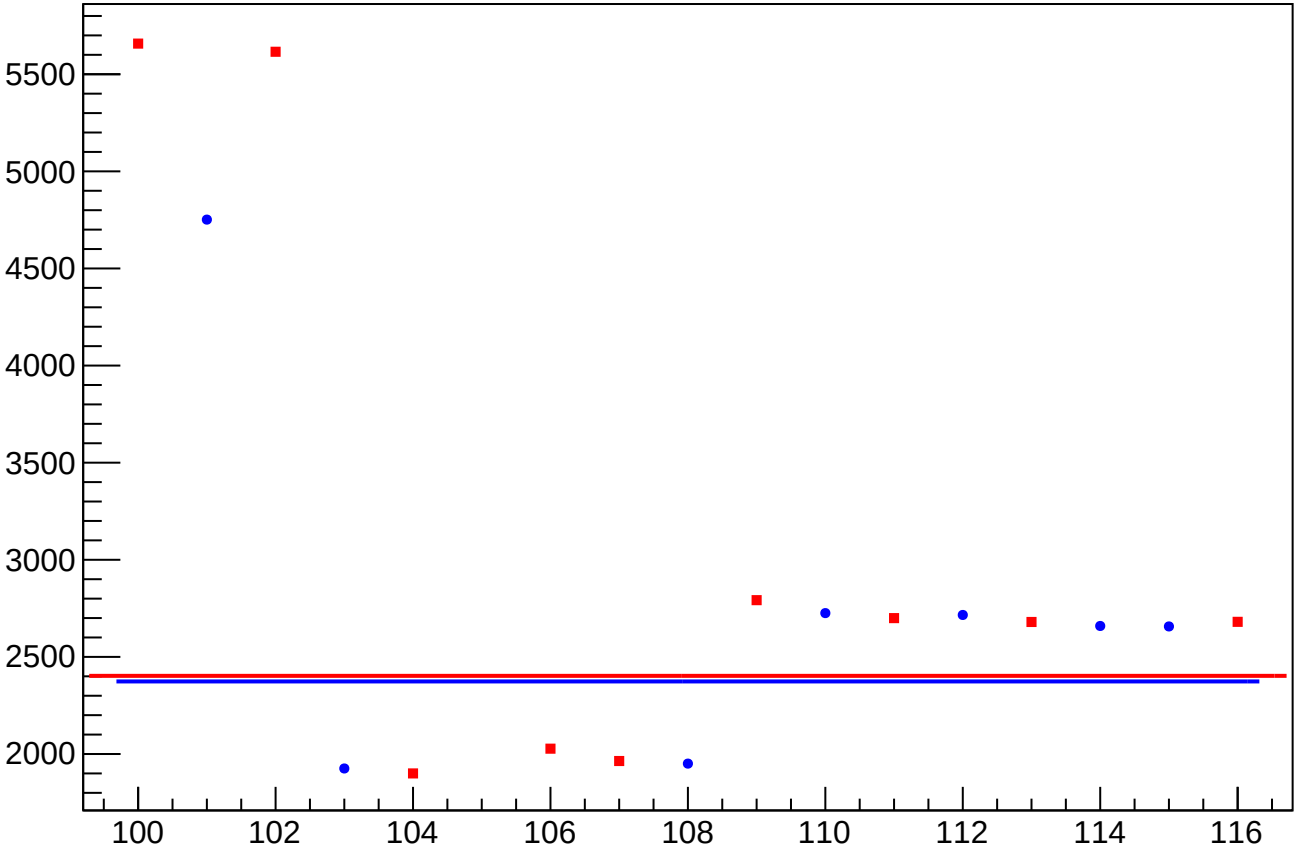
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 667.116+/-1025.877 $\chi^2$/NDF: 20.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_atr2_rms vs Slug




Right In: 2373.640+/-1.085 $\chi^2$/NDF: 424223.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2402.437+/-0.975 $\chi^2$/NDF: 554195.7/8

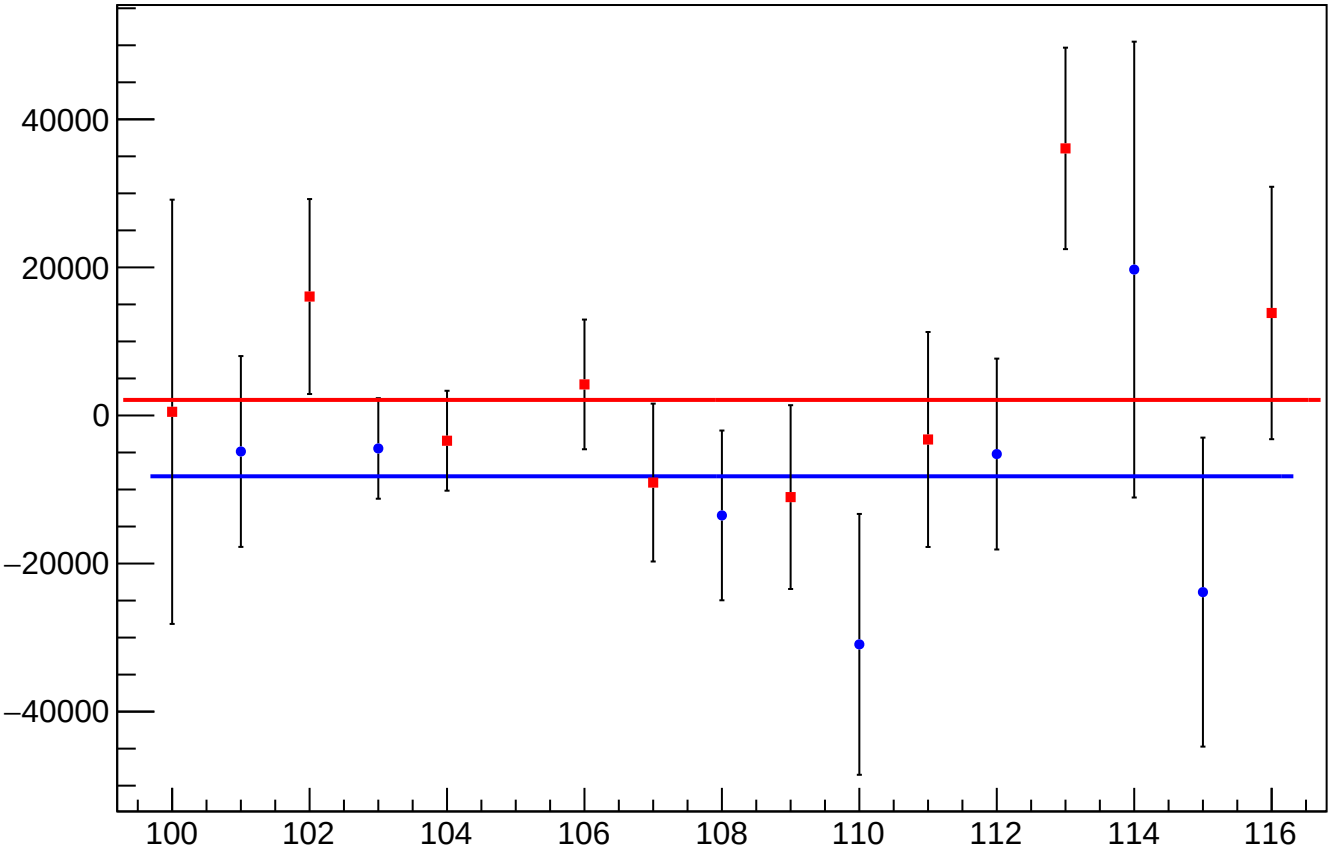
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2389.578+/-0.725 $\chi^2$/NDF: 978808.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr2_correction_mean vs Slug




Right In: -8215.263+/-4569.026 $\chi^2$/NDF: 3.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2100.848+/-3756.616 $\chi^2$/NDF: 10.9/8

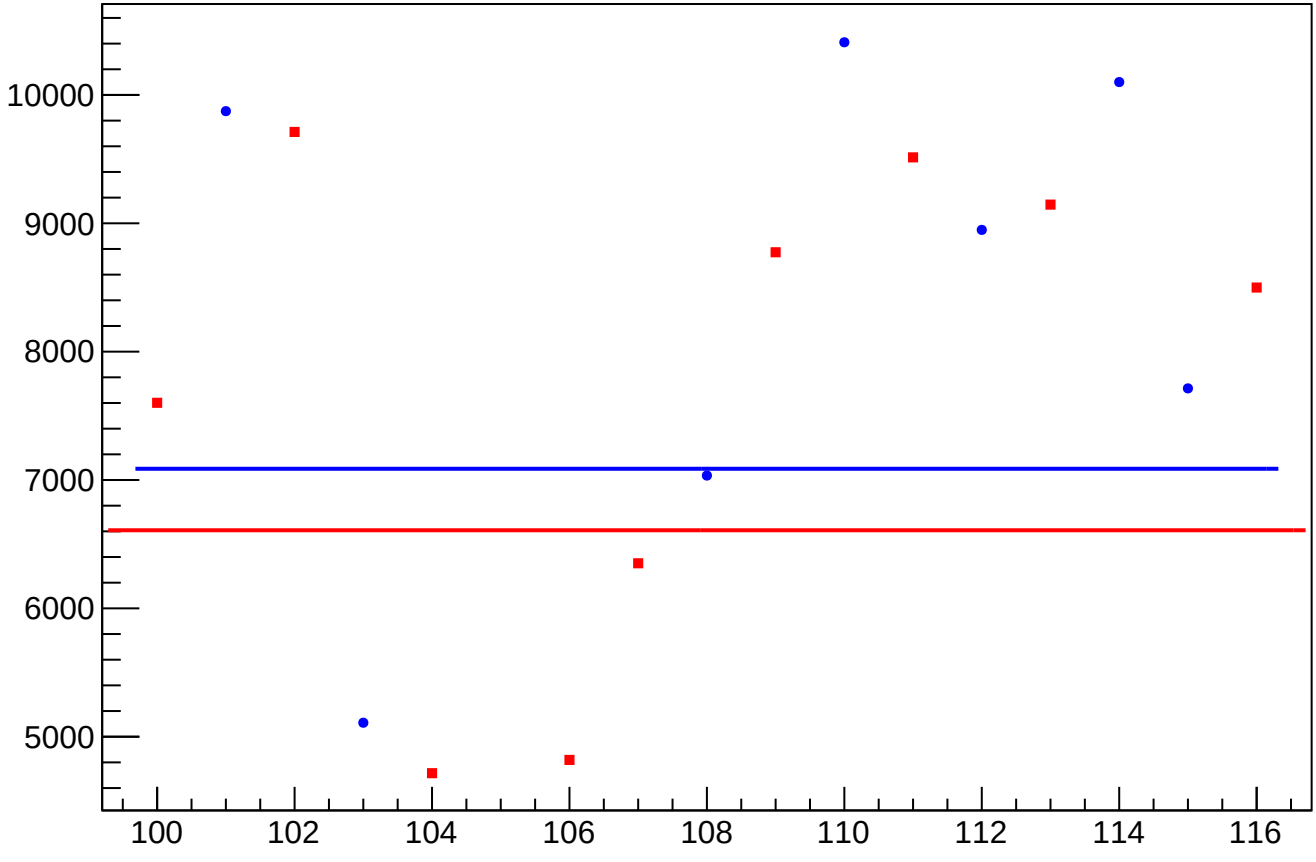
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2060.063+/-2901.749 $\chi^2$/NDF: 17.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr2_correction_rms vs Slug




Right In: 7087.618+/-3.231 $\chi^2$/NDF: 397054.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 6608.461+/-2.656 $\chi^2$/NDF: 590623.3/8

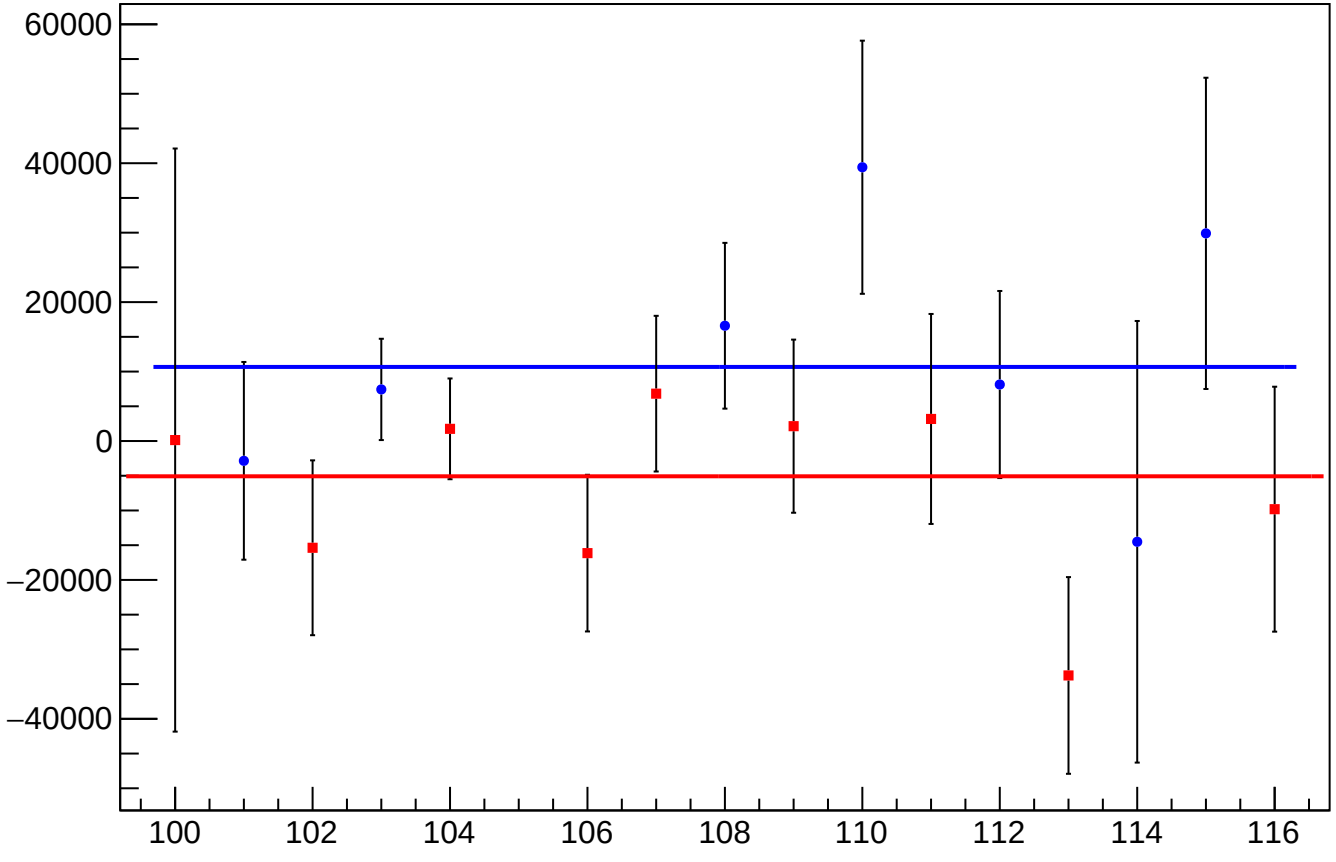
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 6801.725+/-2.052 $\chi^2$/NDF: 1000801.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr2_mean vs Slug




Right In: 10668.265+/-4863.890 $\chi^2$/NDF: 5.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -5078.818+/-4058.060 $\chi^2$/NDF: 8.5/8

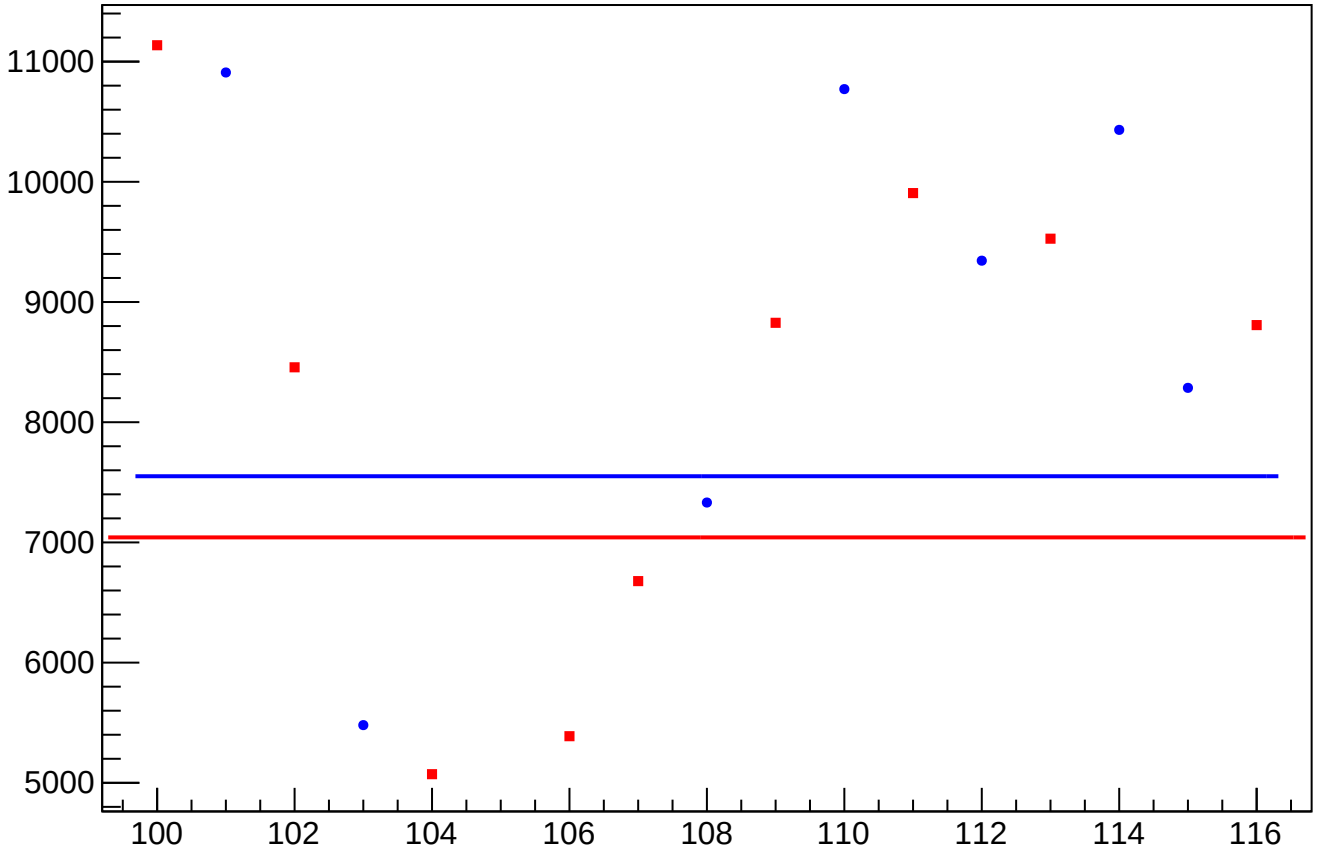
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1383.956+/-3115.969 $\chi^2$/NDF: 19.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_atr2_rms vs Slug




Right In: 7550.596+/-3.439 $\chi^2$/NDF: 389797.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 7041.794+/-2.869 $\chi^2$/NDF: 431463.0/8

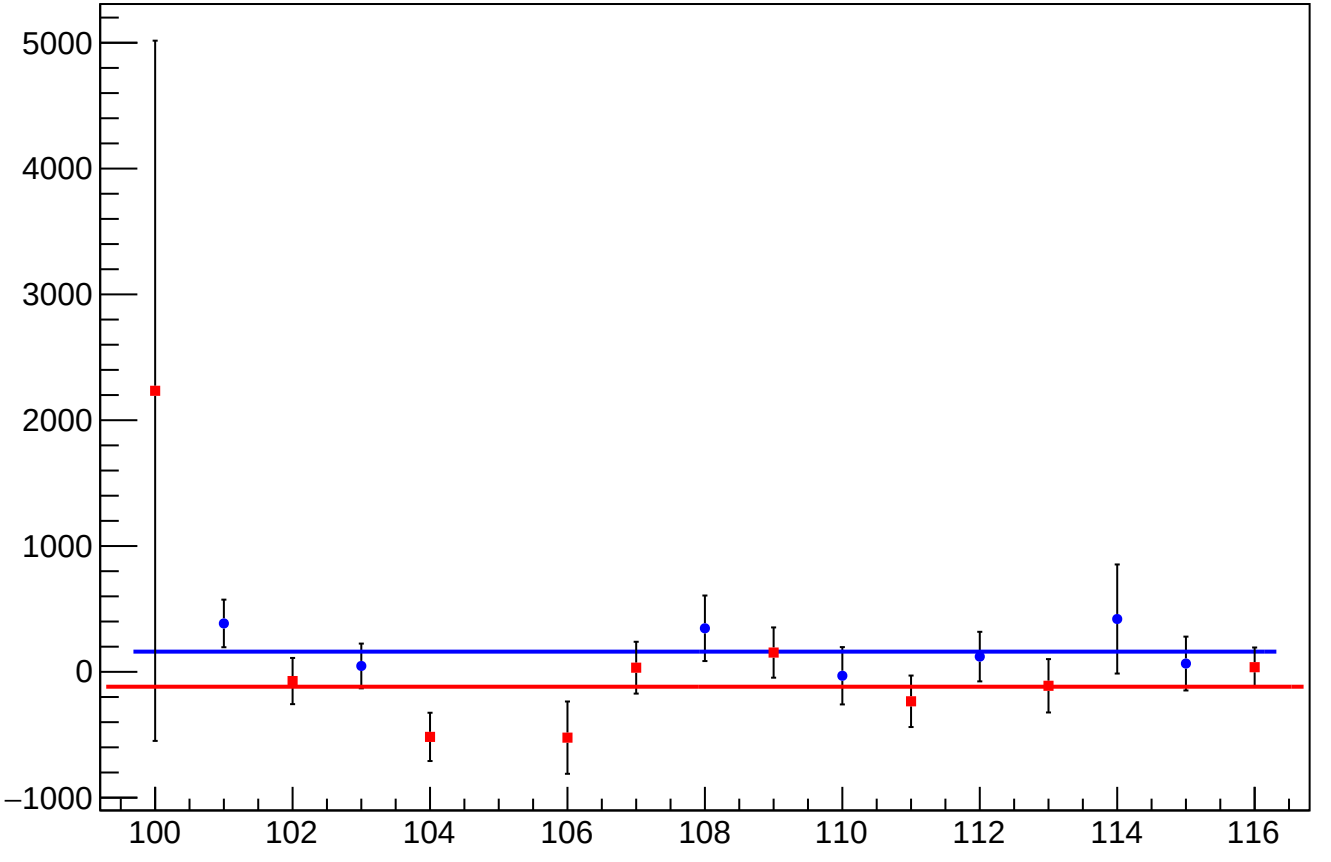
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 7250.598+/-2.203 $\chi^2$/NDF: 834164.6/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam1_mean vs Slug




Right In: 160.668+/-82.604 $\chi^2$/NDF: 3.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -118.174+/-69.908 $\chi^2$/NDF: 10.8/8

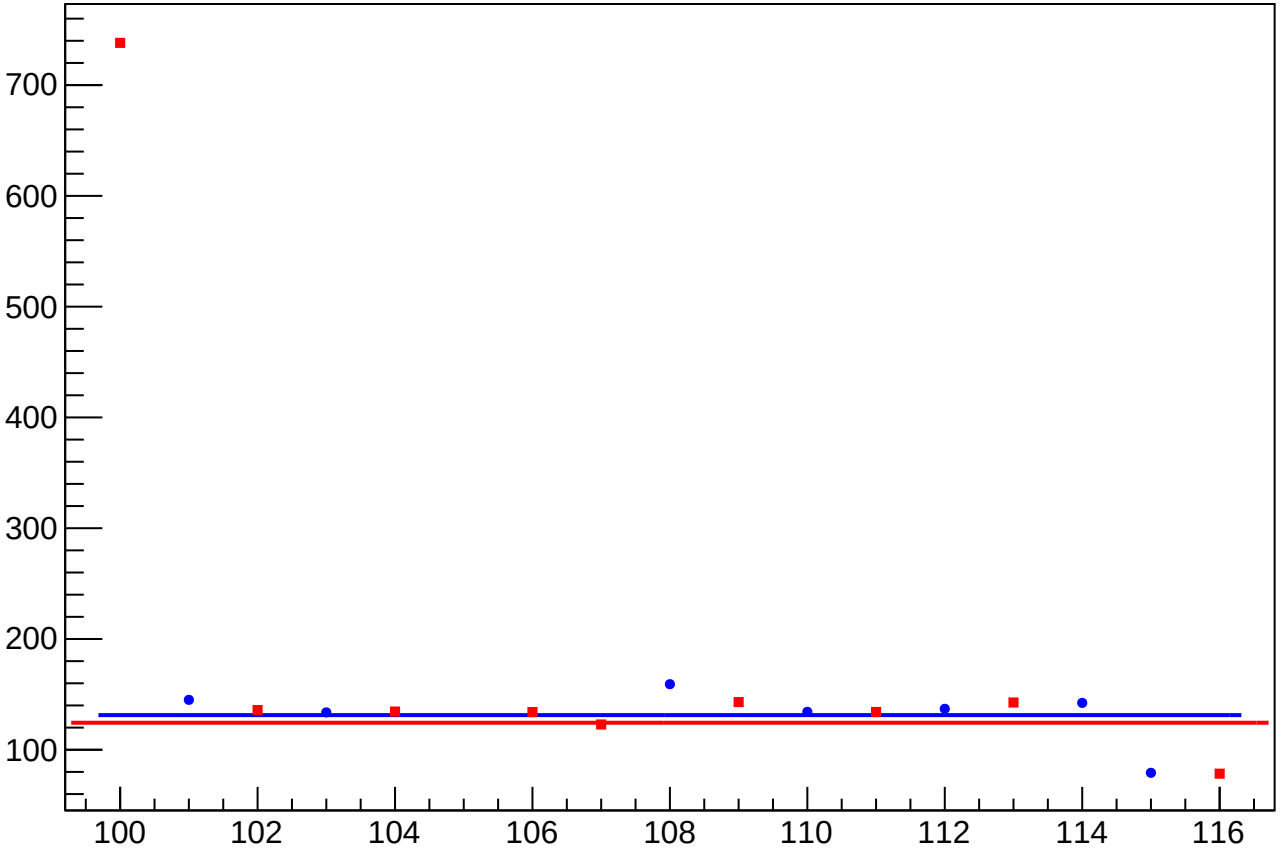
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.806+/-53.363 $\chi^2$/NDF: 21.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam1_rms vs Slug




Right In: 131.279+/-0.058 $\chi^2$/NDF: 155814.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 124.402+/-0.049 $\chi^2$/NDF: 322150.5/8

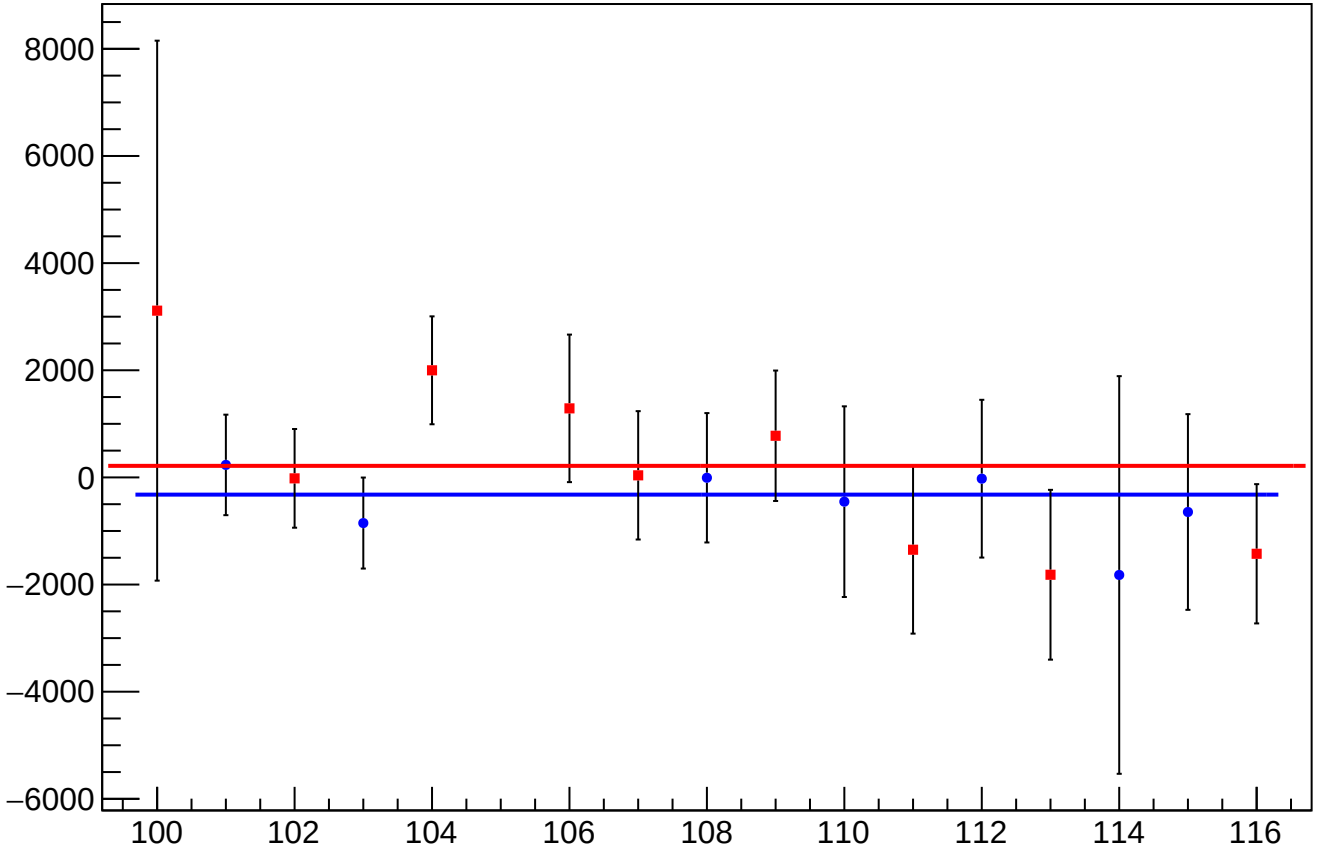
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 127.272+/-0.038 $\chi^2$/NDF: 486043.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam1_correction_mean vs Slug




Right In: -321.362+/-479.049 $\chi^2$/NDF: 1.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 215.692+/-426.397 $\chi^2$/NDF: 8.6/8

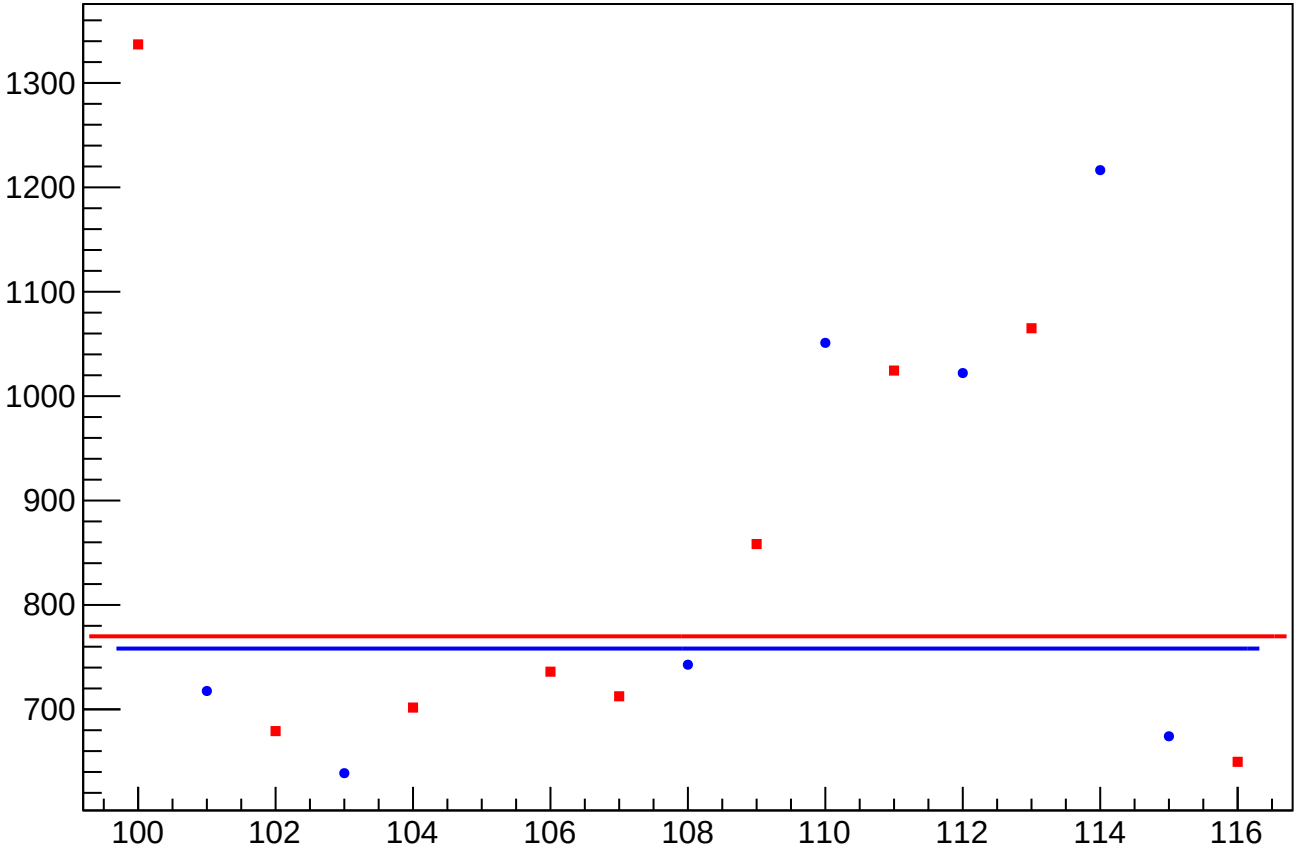
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -21.710+/-318.503 $\chi^2$/NDF: 10.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam1_correction_rms vs Slug




Right In: 758.229+/-0.339 $\chi^2$/NDF: 196704.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 769.946+/-0.302 $\chi^2$/NDF: 209575.7/8

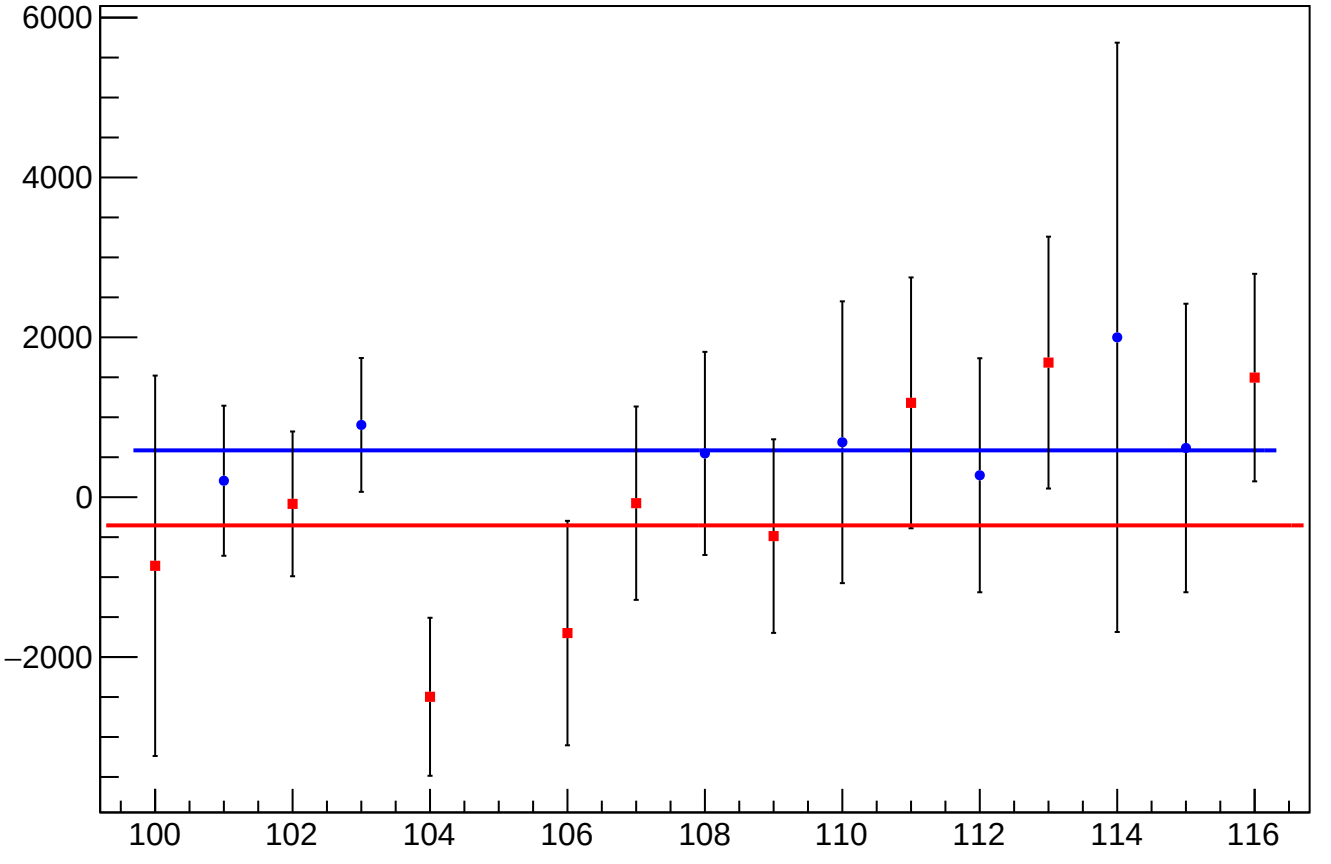
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 764.767+/-0.225 $\chi^2$/NDF: 406948.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam1_mean vs Slug




Right In: 585.829+/-479.422 $\chi^2$/NDF: 0.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -352.689+/-419.056 $\chi^2$/NDF: 10.5/8

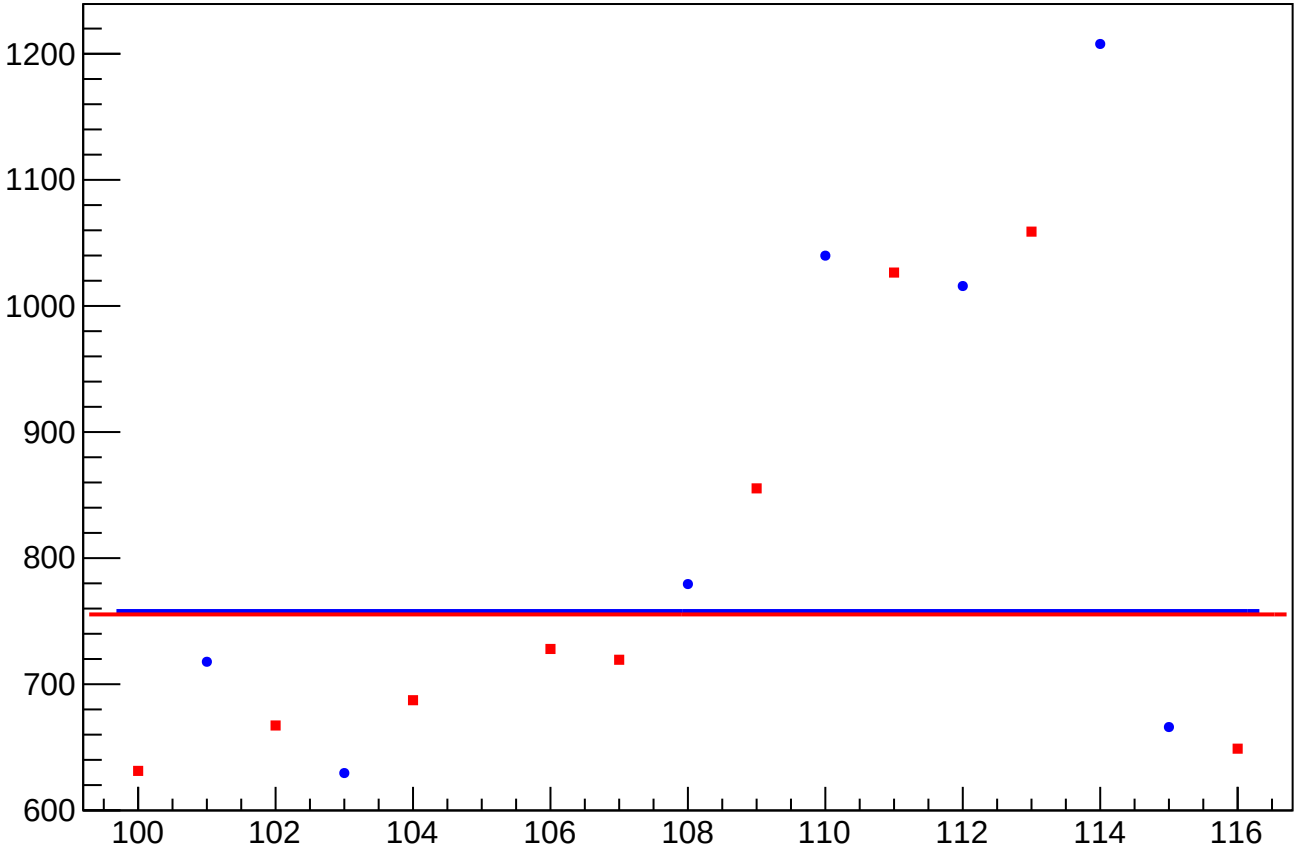
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 53.798+/-315.515 $\chi^2$/NDF: 13.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam1_rms vs Slug




Right In: 758.045+/-0.339 $\chi^2$/NDF: 199495.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 755.353+/-0.296 $\chi^2$/NDF: 197444.6/8

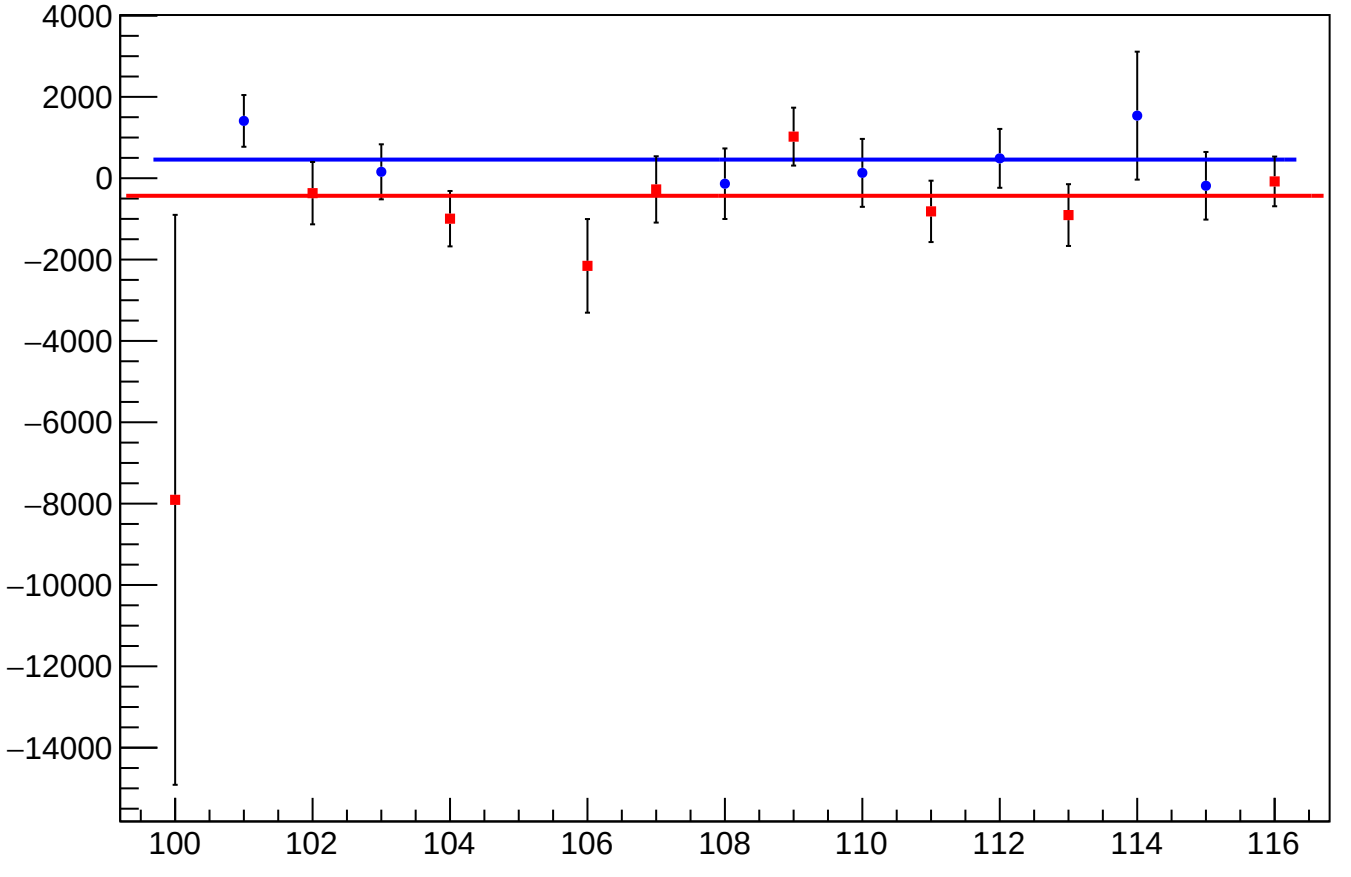
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 756.519+/-0.223 $\chi^2$/NDF: 396976.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam2_mean vs Slug




Right In: 458.075+/-299.045 $\chi^2$/NDF: 4.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -431.945+/-264.574 $\chi^2$/NDF: 9.3/8

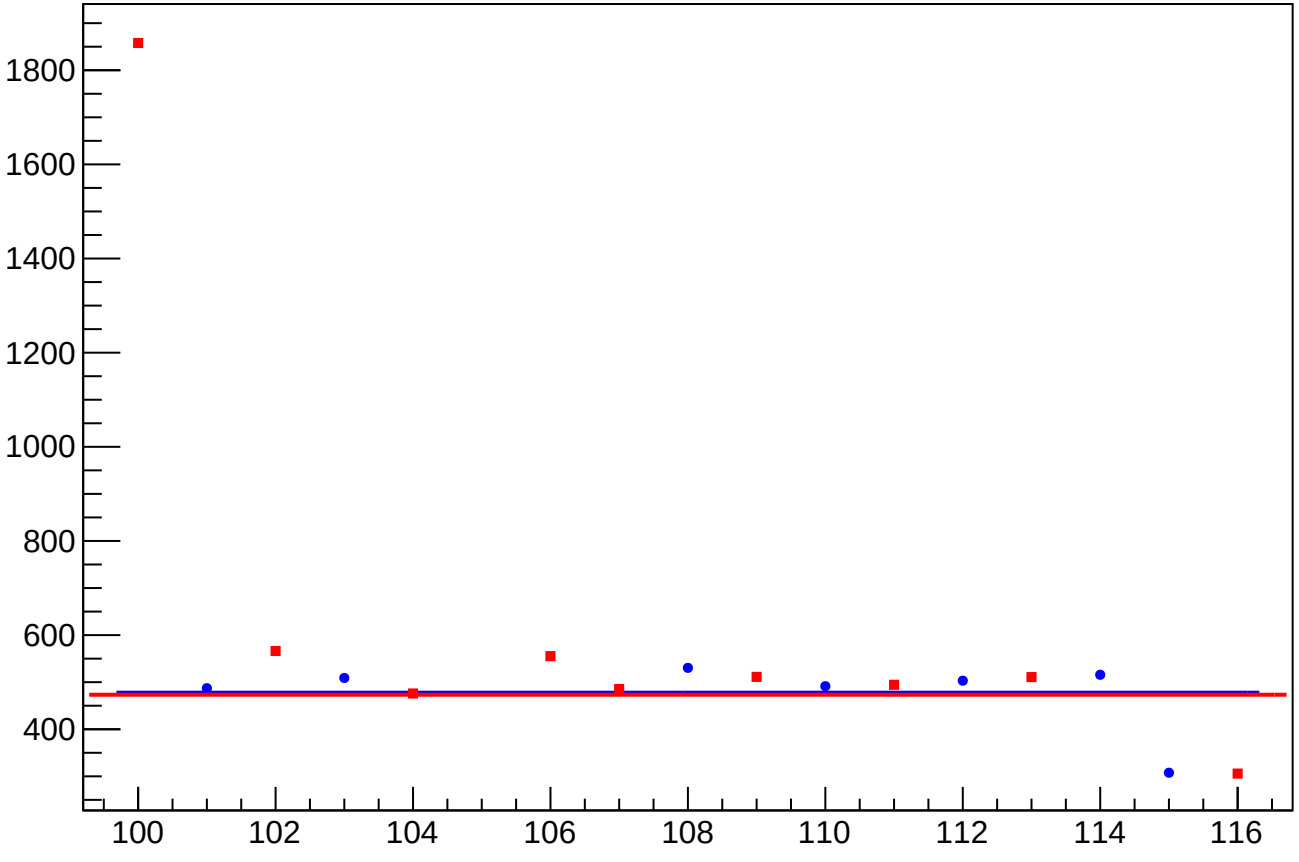
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -41.167+/-198.154 $\chi^2$/NDF: 18.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam2_rms vs Slug




Right In: 477.682+/-0.211 $\chi^2$/NDF: 99957.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 473.337+/-0.187 $\chi^2$/NDF: 280717.2/8

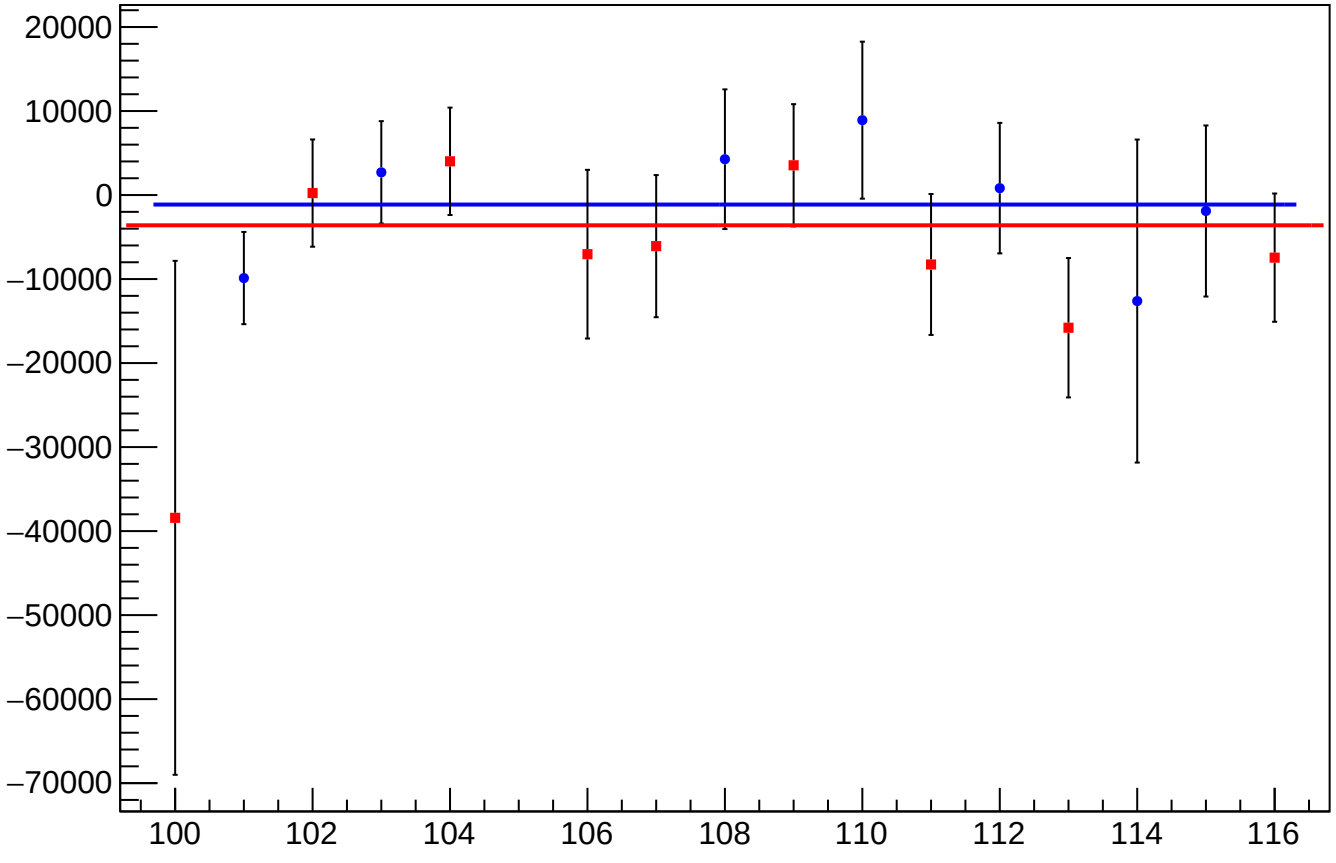
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 475.245+/-0.140 $\chi^2$/NDF: 380911.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam2_correction_mean vs Slug




Right In: -1131.053+/-2948.730 $\chi^2$/NDF: 4.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3600.127+/-2684.306 $\chi^2$/NDF: 7.0/8

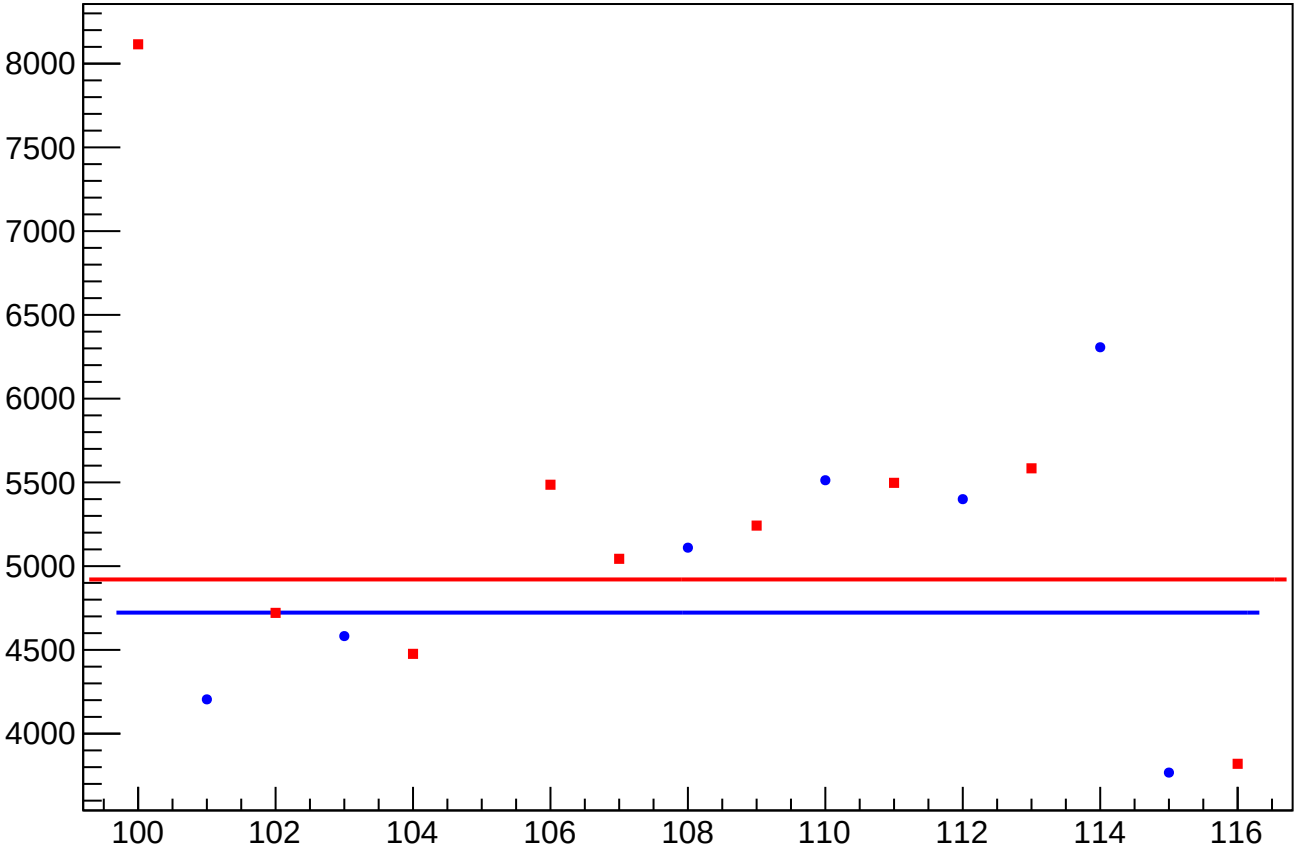
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2481.238+/-1985.005 $\chi^2$/NDF: 12.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam2_correction_rms vs Slug




Right In: 4722.547+/-2.085 $\chi^2$/NDF: 83920.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 4920.545+/-1.898 $\chi^2$/NDF: 107928.0/8

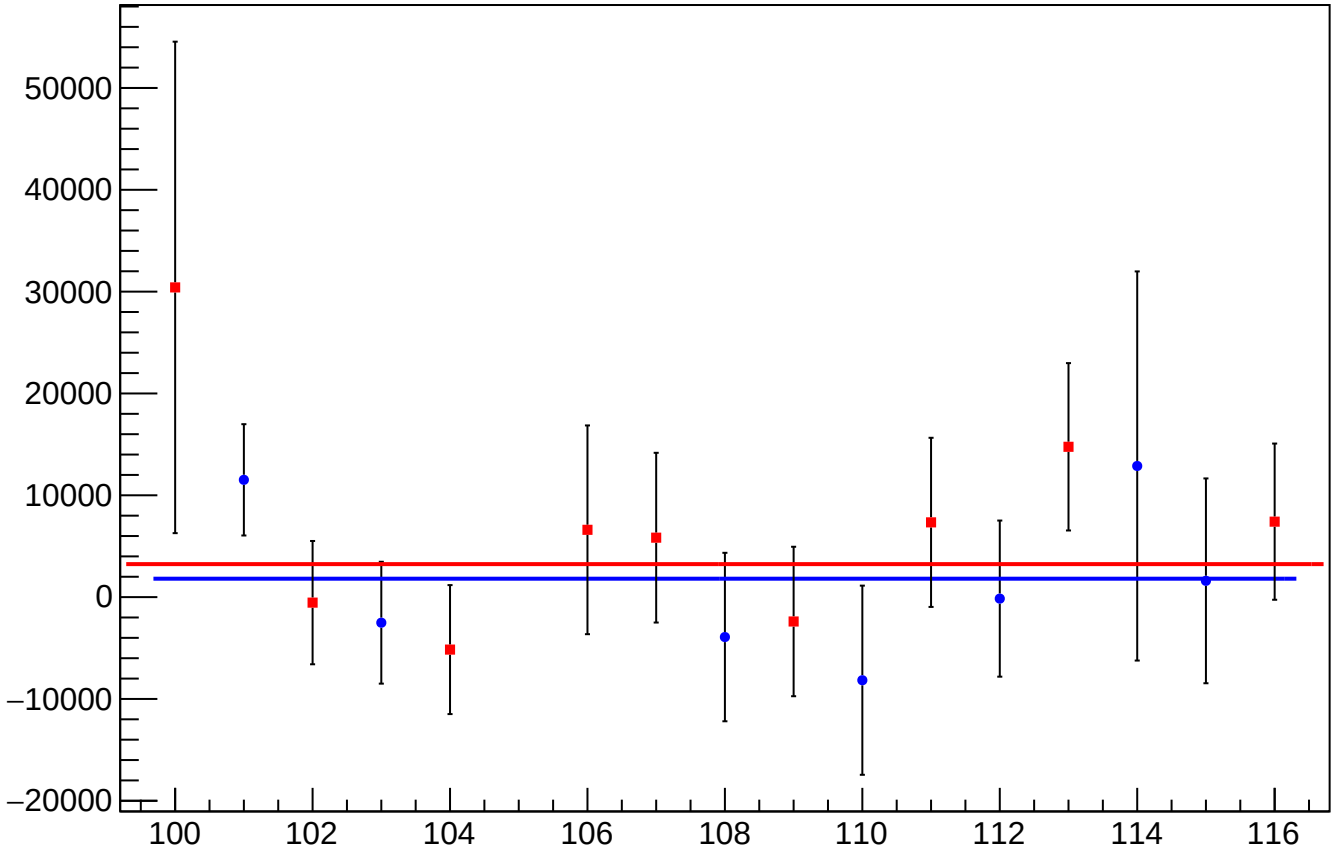
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 4830.820+/-1.404 $\chi^2$/NDF: 196779.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam2_mean vs Slug




Right In: 1809.174+/-2920.345 $\chi^2$/NDF: 5.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3241.023+/-2647.069 $\chi^2$/NDF: 6.7/8

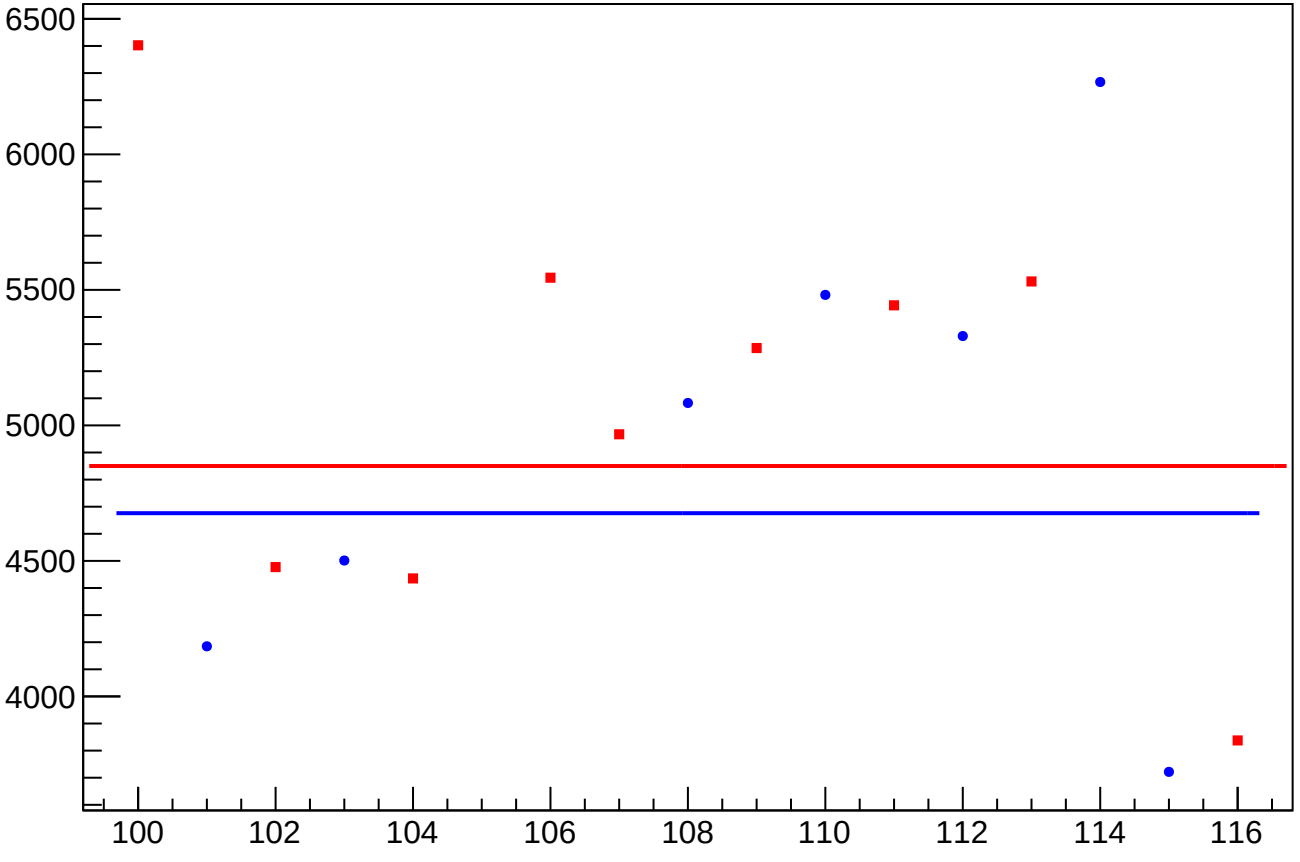
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2595.212+/-1961.274 $\chi^2$/NDF: 12.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam2_rms vs Slug




Right In: 4676.078+/-2.065 $\chi^2$/NDF: 84157.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 4850.120+/-1.872 $\chi^2$/NDF: 99845.6/8

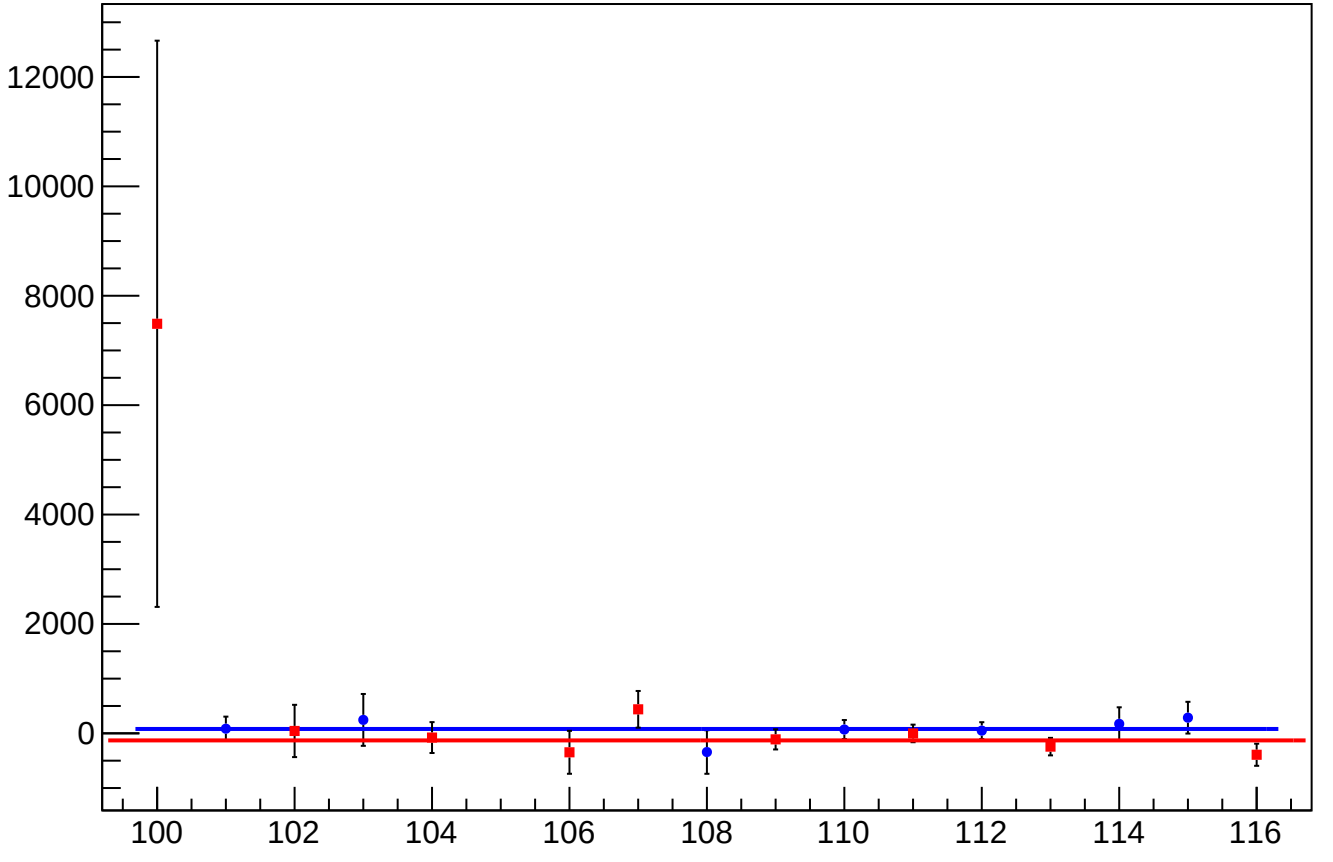
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 4771.621+/-1.387 $\chi^2$/NDF: 187902.1/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam3_mean vs Slug




Right In: 79.838+/-87.962 $\chi^2$/NDF: 1.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -129.424+/-78.087 $\chi^2$/NDF: 8.3/8

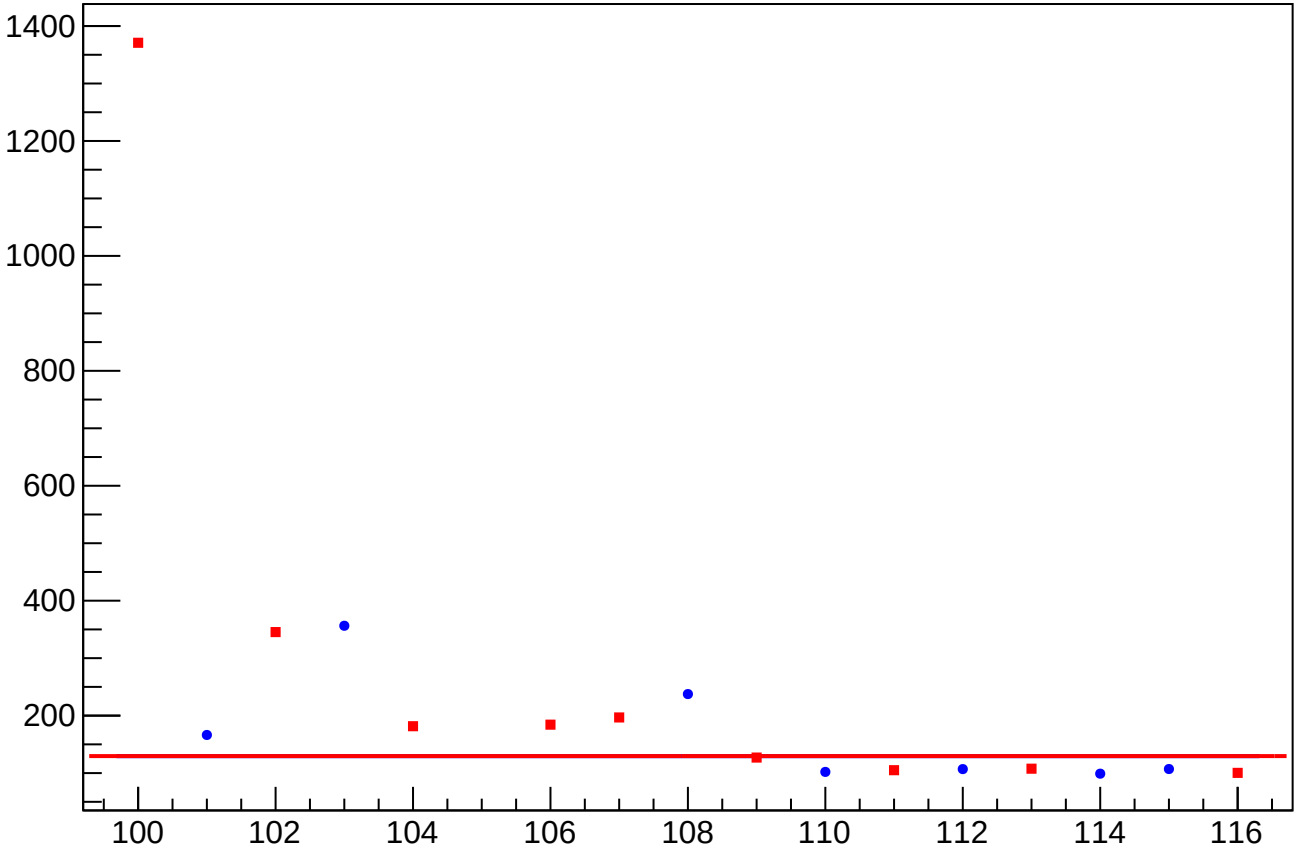
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -37.194+/-58.396 $\chi^2$/NDF: 13.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam3_rms vs Slug




Right In: 129.433+/-0.062 $\chi^2$/NDF: 786209.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 129.580+/-0.055 $\chi^2$/NDF: 836189.7/8

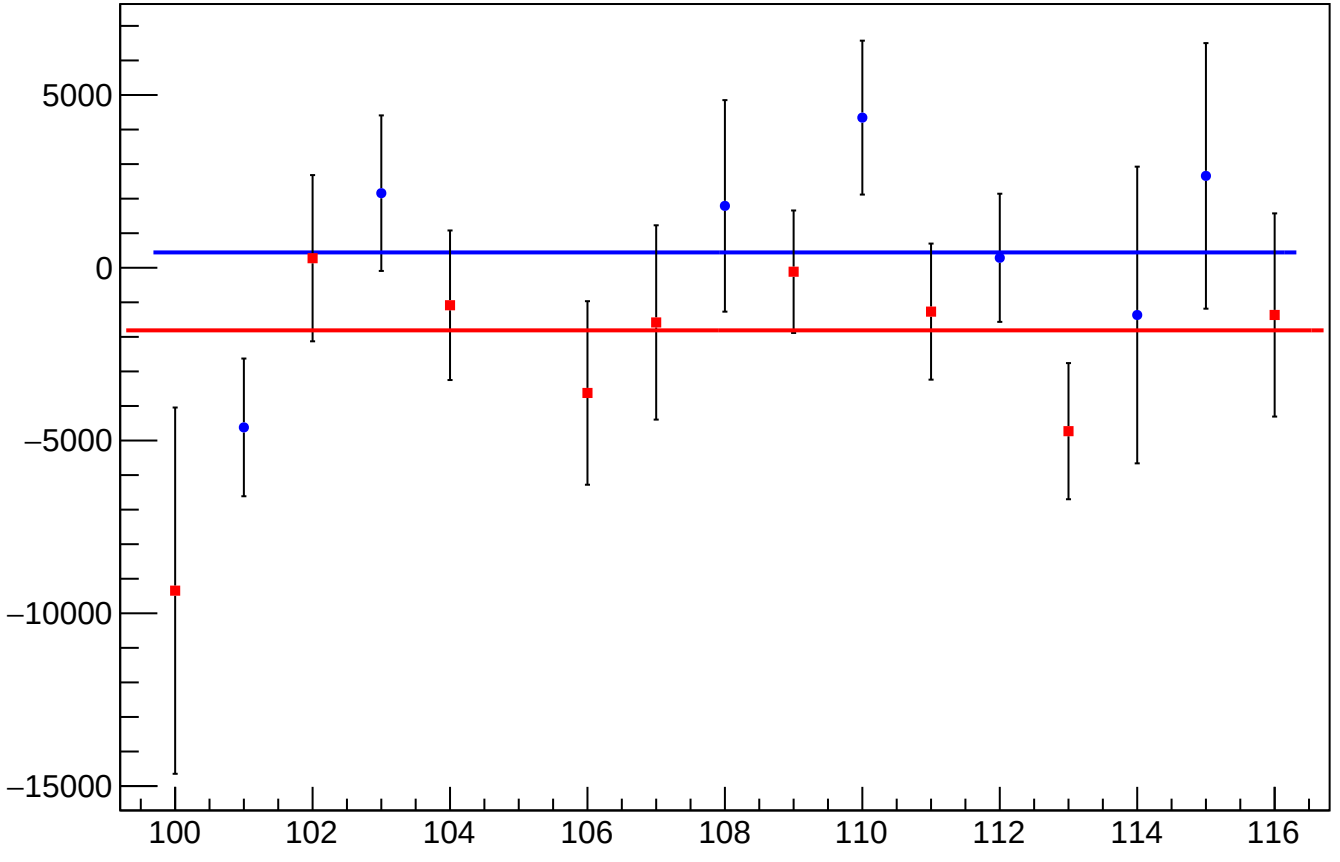
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 129.515+/-0.041 $\chi^2$/NDF: 1622402.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam3_correction_mean vs Slug




Right In: 444.146+/-924.376 $\chi^2$/NDF: 10.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1811.408+/-780.932 $\chi^2$/NDF: 6.6/8

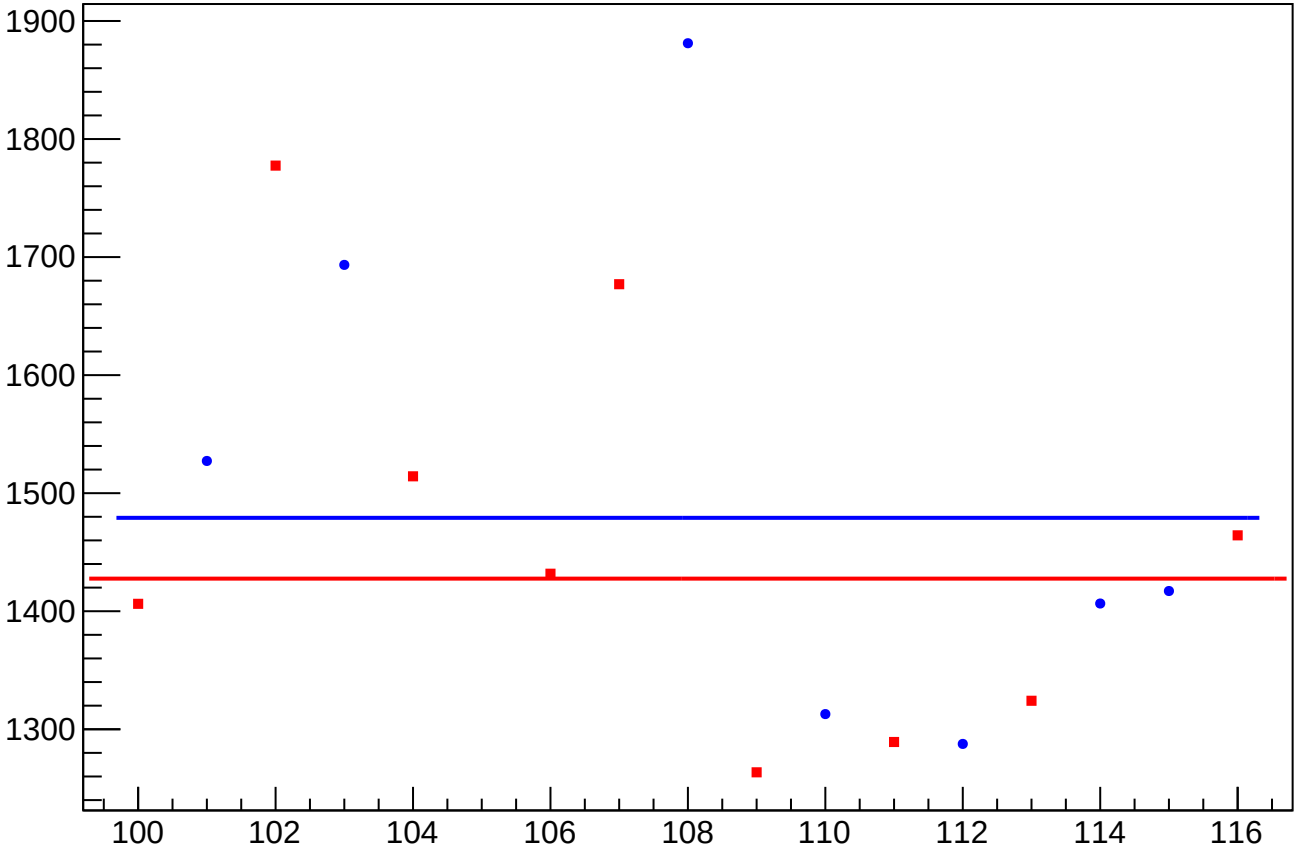
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -872.027+/-596.545 $\chi^2$/NDF: 20.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam3_correction_rms vs Slug




Right In: 1479.115+/-0.654 $\chi^2$/NDF: 87367.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1427.613+/-0.552 $\chi^2$/NDF: 94142.6/8

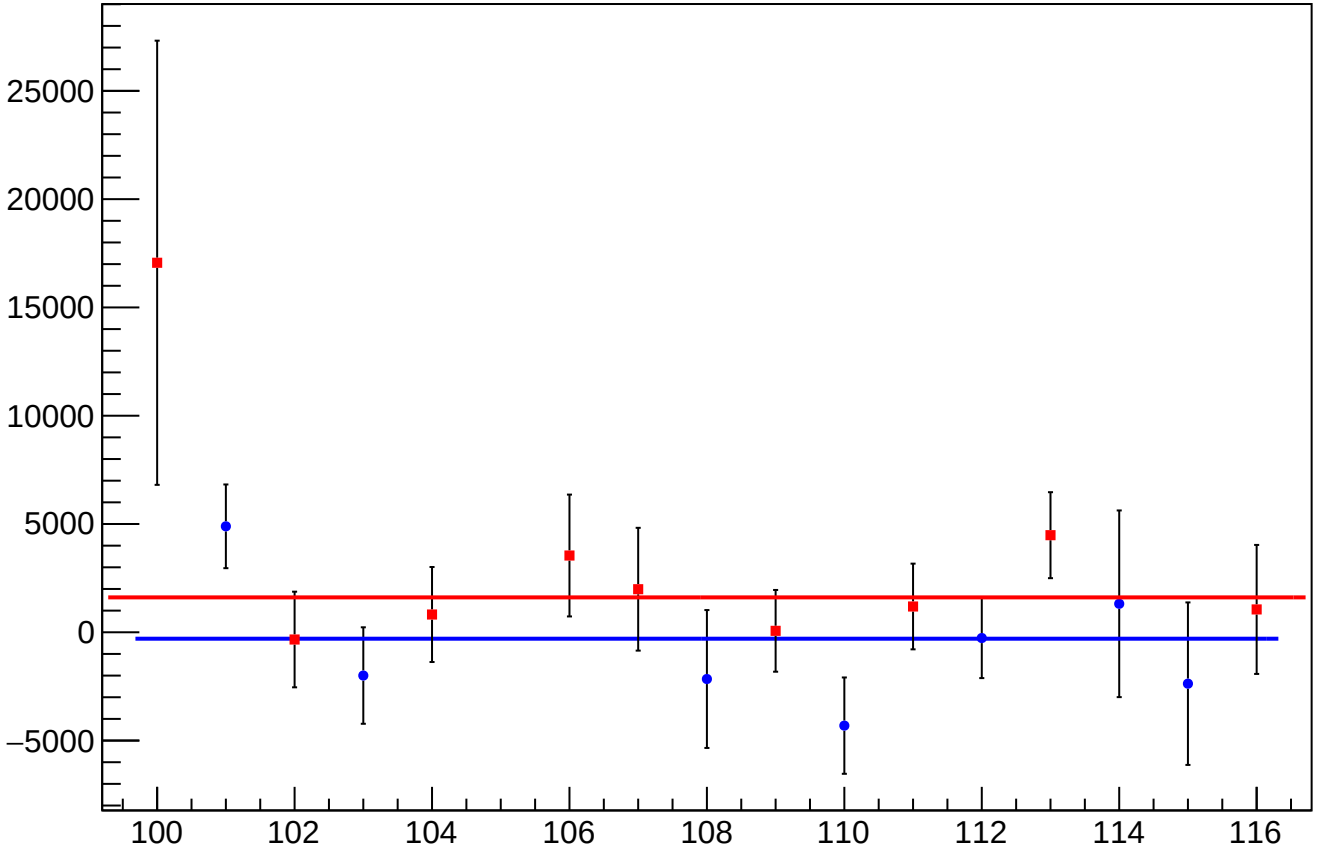
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1449.063+/-0.422 $\chi^2$/NDF: 185133.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam3_mean vs Slug




Right In: -296.849+/-917.873 $\chi^2$/NDF: 11.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1611.238+/-796.605 $\chi^2$/NDF: 6.5/8

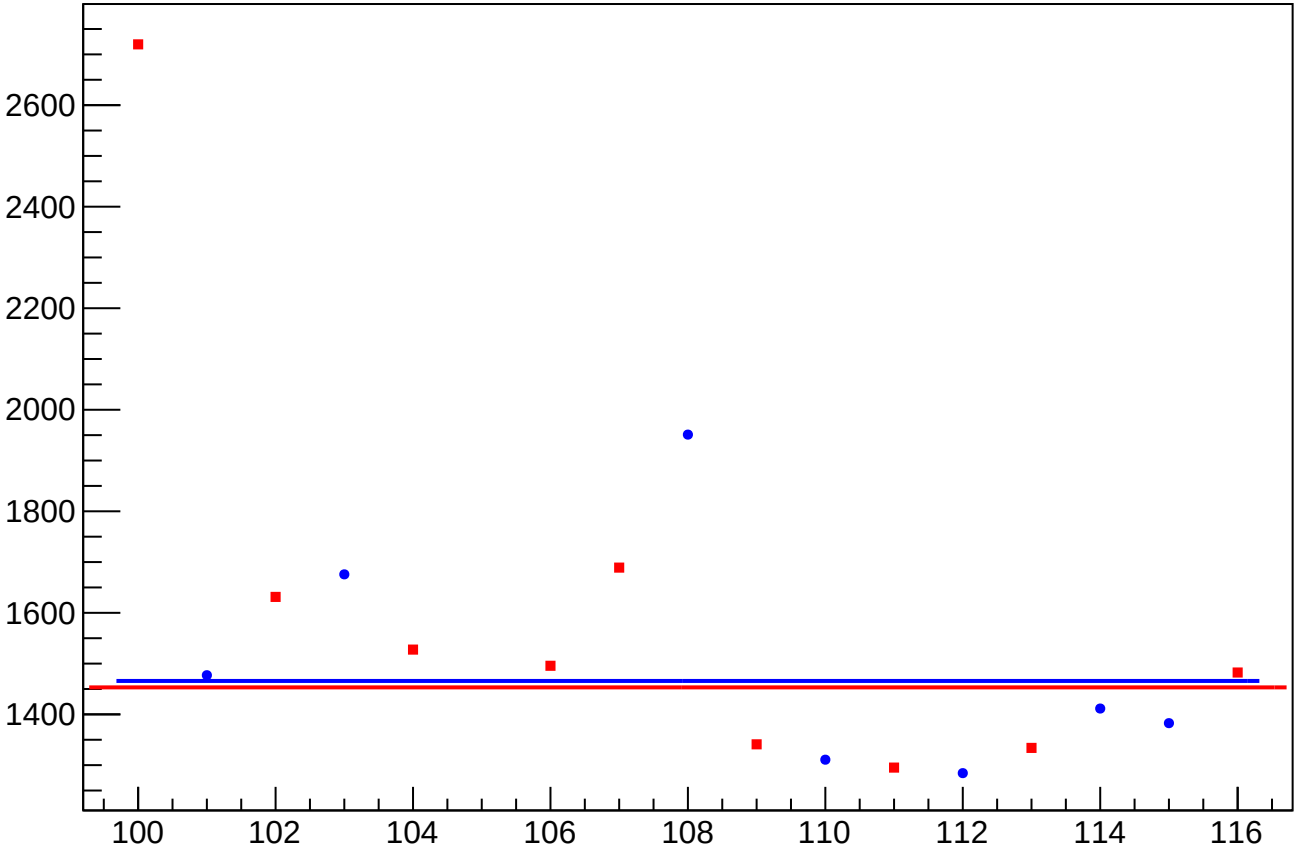
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 791.485+/-601.624 $\chi^2$/NDF: 20.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam3_rms vs Slug




Right In: 1465.834+/-0.649 $\chi^2$/NDF: 94578.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

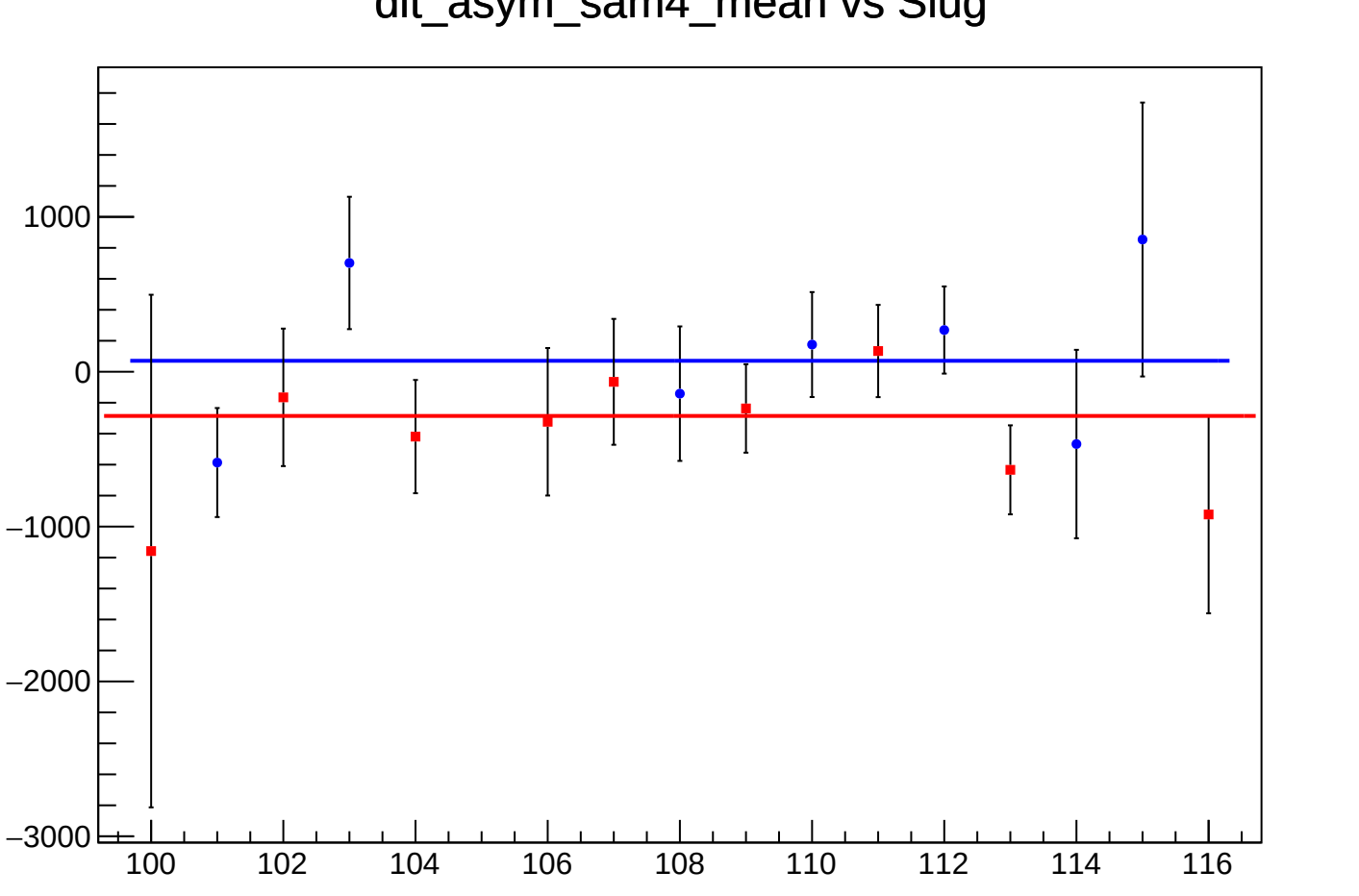
Right Out: 1453.151+/-0.563 $\chi^2$/NDF: 87366.3/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1458.600+/-0.425 $\chi^2$/NDF: 182162.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 70.679+/-150.482 $\chi^2$/NDF: 8.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -285.434+/-127.547 $\chi^2$/NDF: 5.3/8

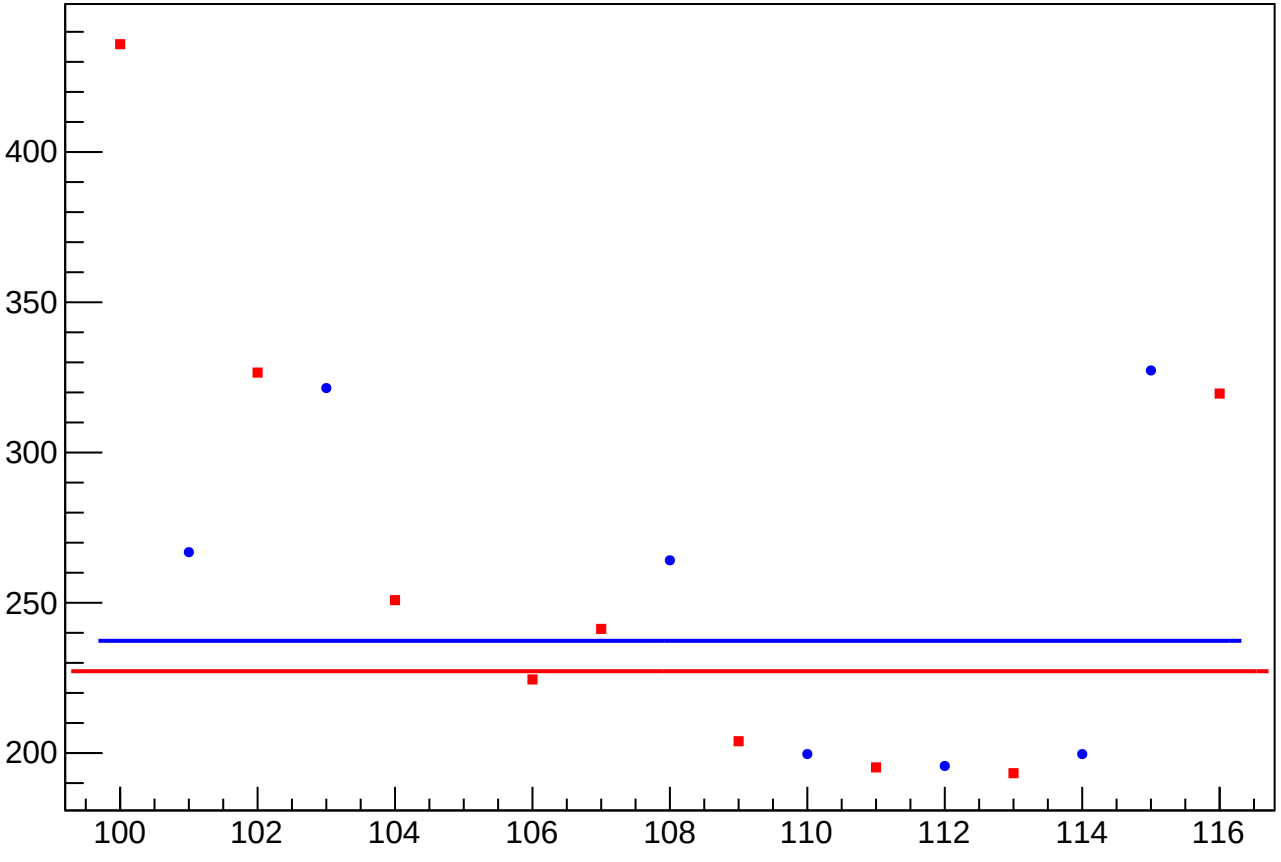
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -136.555+/-97.298 $\chi^2$/NDF: 16.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam4_rms vs Slug




Right In: 237.343+/-0.106 $\chi^2$/NDF: 195997.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 227.227+/-0.090 $\chi^2$/NDF: 249041.1/8

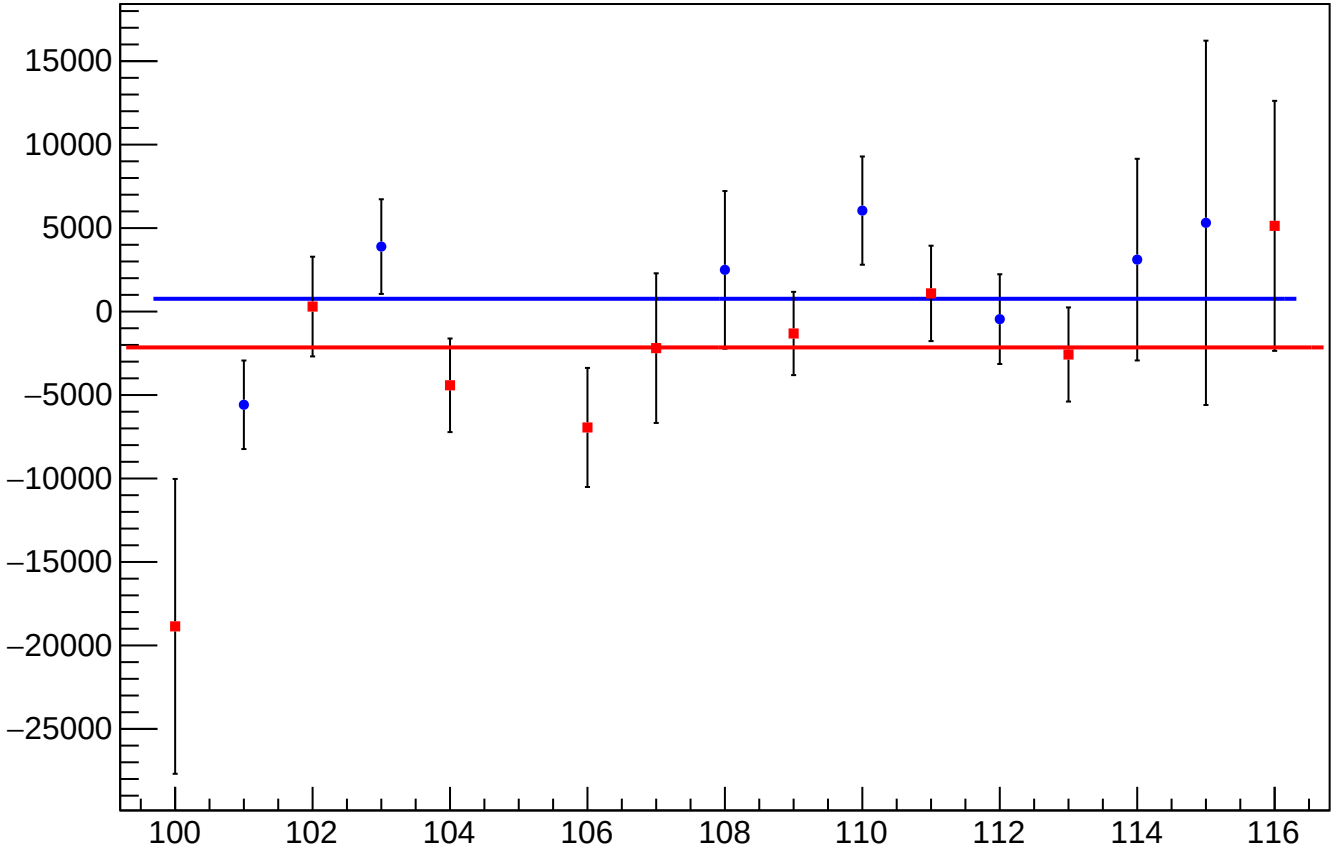
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 231.457+/-0.069 $\chi^2$/NDF: 450298.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam4_correction_mean vs Slug




Right In: 765.131+/-1312.025 $\chi^2$/NDF: 10.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2148.124+/-1112.856 $\chi^2$/NDF: 9.1/8

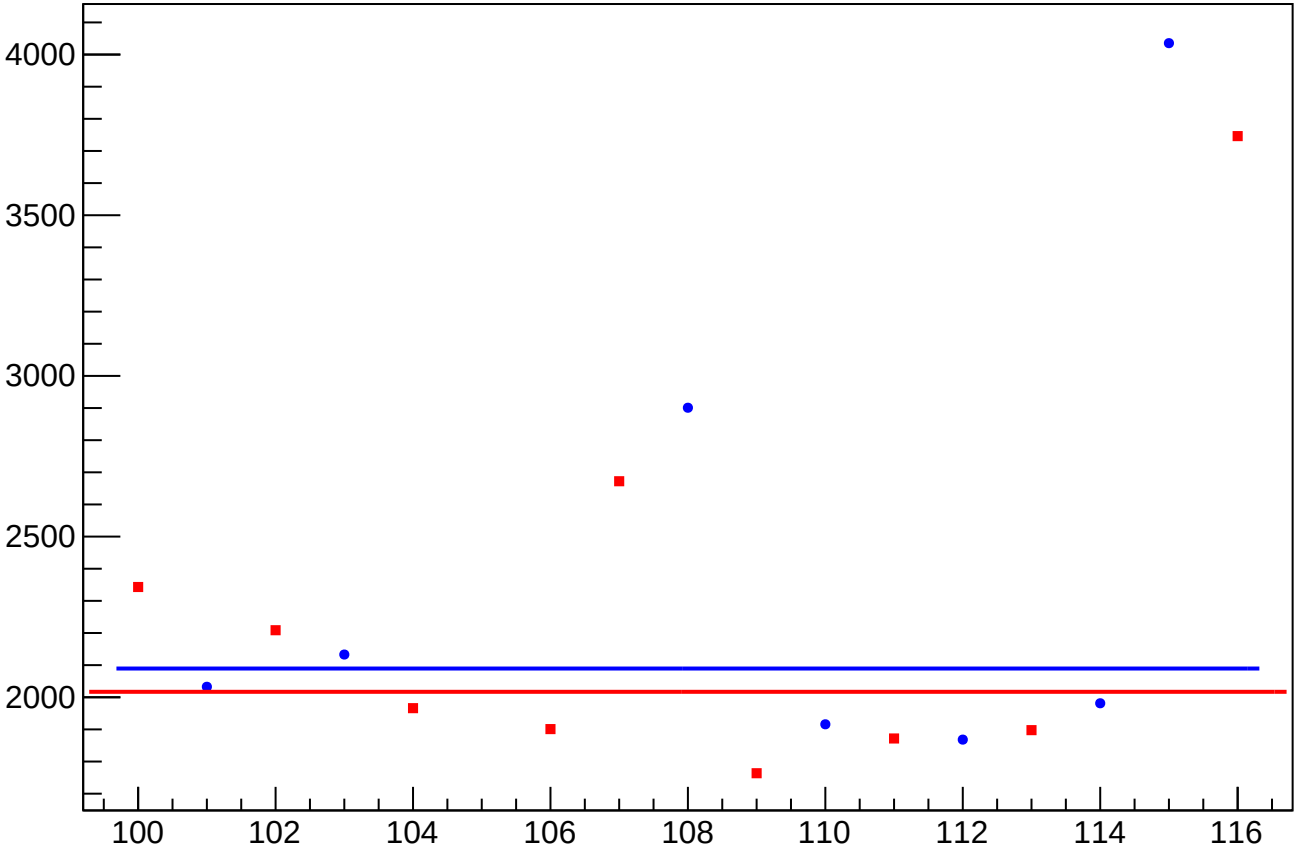
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -929.174+/-848.683 $\chi^2$/NDF: 22.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam4_correction_rms vs Slug




Right In: 2089.428+/-0.928 $\chi^2$/NDF: 144036.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2016.980+/-0.787 $\chi^2$/NDF: 192536.8/8

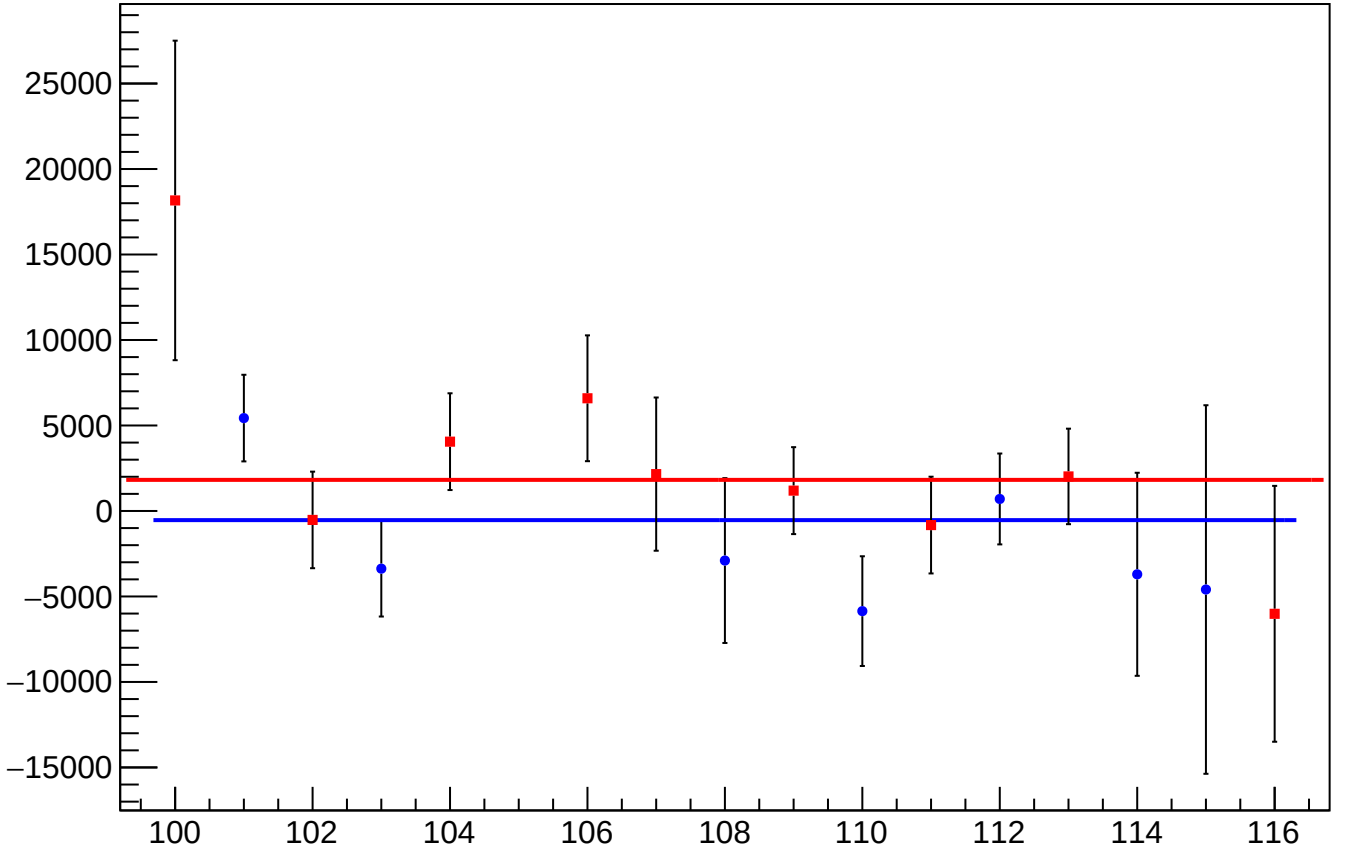
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2047.294+/-0.600 $\chi^2$/NDF: 340120.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam4_mean vs Slug




Right In: -535.228+/-1288.654 $\chi^2$/NDF: 10.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1819.013+/-1110.341 $\chi^2$/NDF: 8.1/8

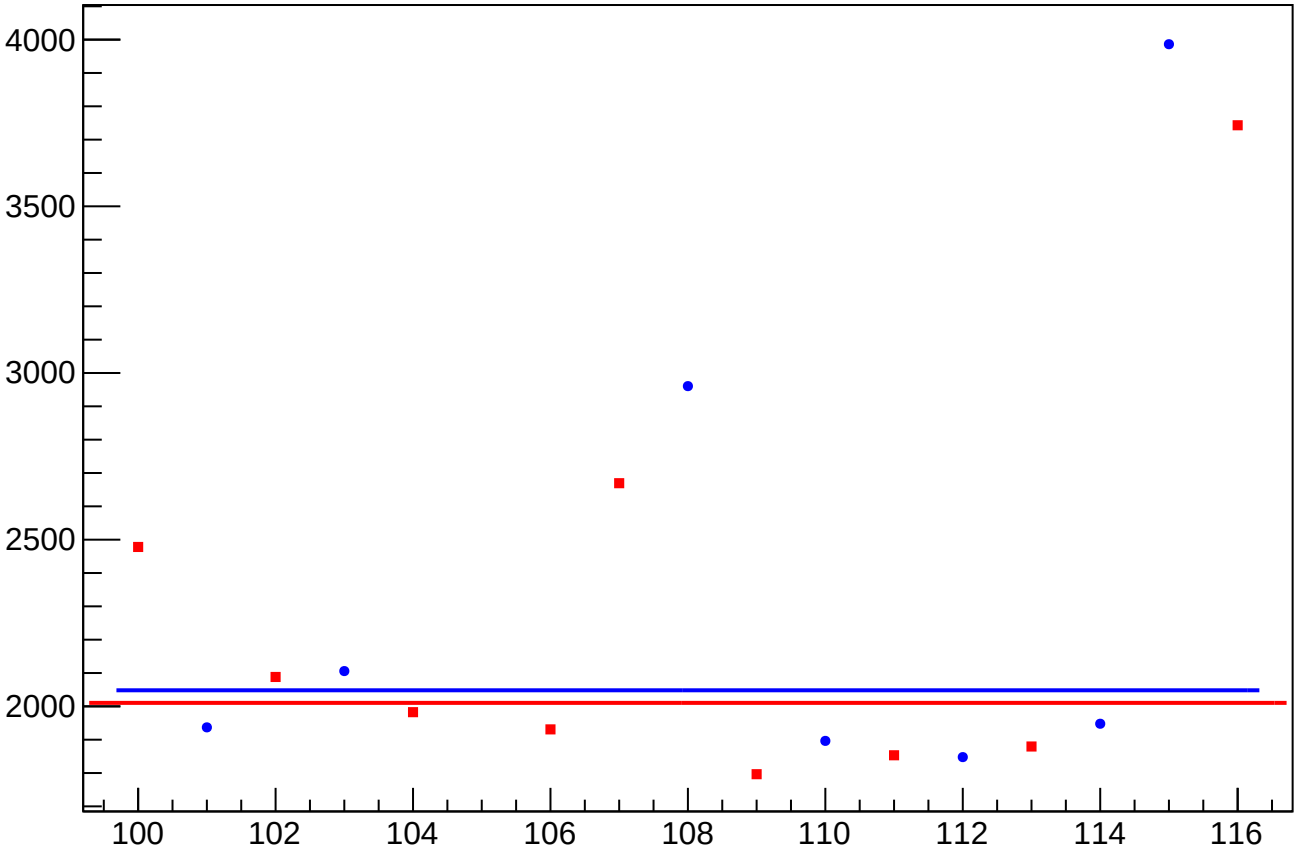
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 815.918+/-841.166 $\chi^2$/NDF: 20.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam4_rms vs Slug




Right In: 2048.180+/-0.911 $\chi^2$/NDF: 157443.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2010.430+/-0.785 $\chi^2$/NDF: 182879.9/8

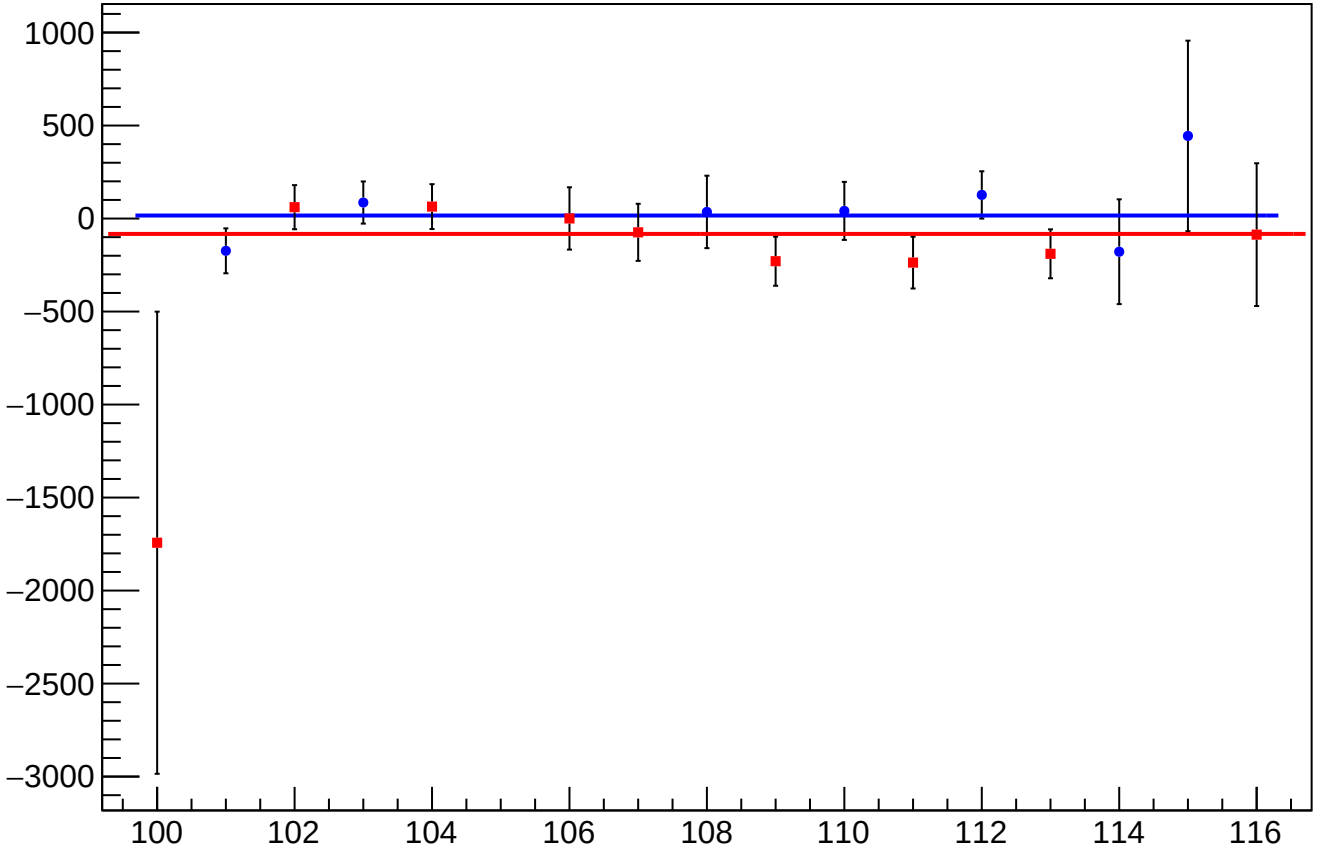
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2026.515+/-0.595 $\chi^2$/NDF: 341308.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam5_mean vs Slug




Right In: 16.236+/-58.492 $\chi^2$/NDF: 4.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -82.659+/-50.491 $\chi^2$/NDF: 8.1/8

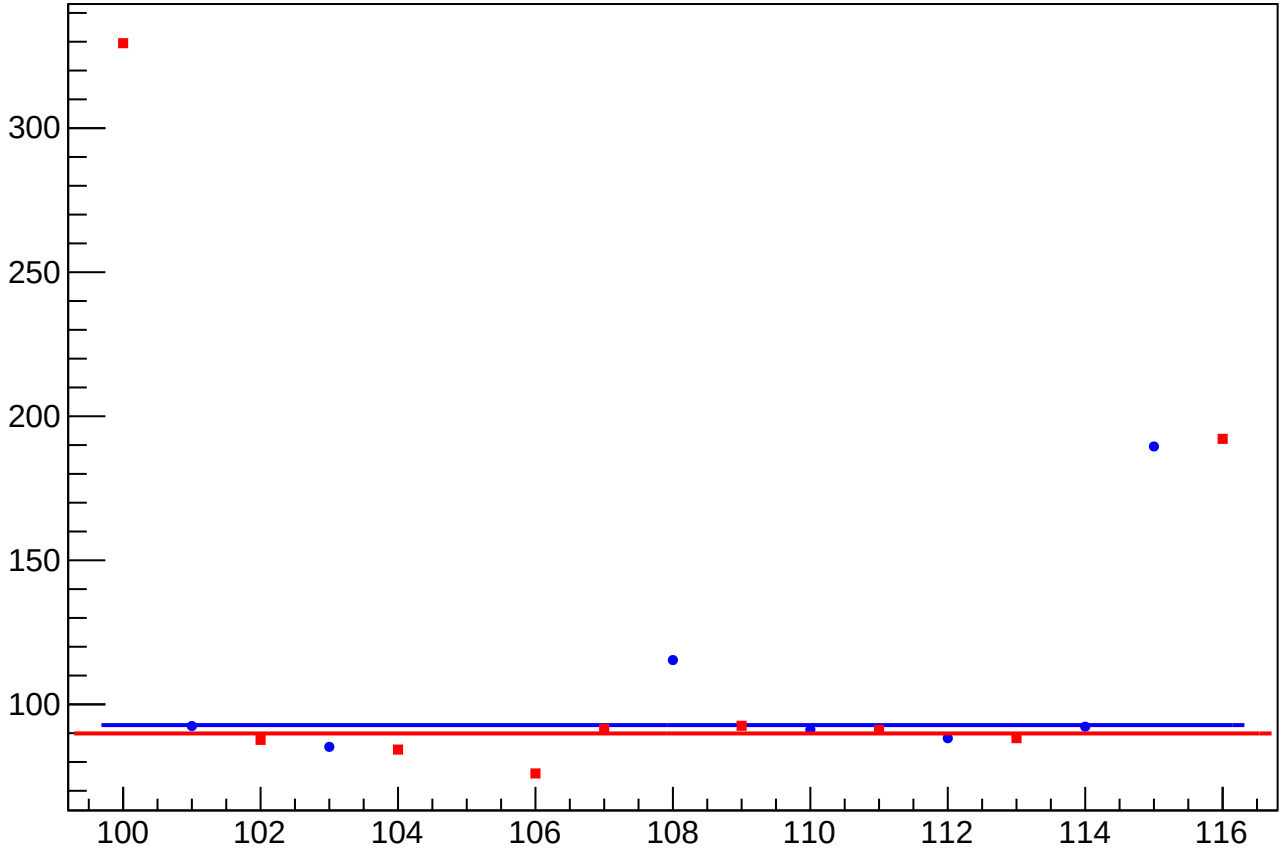
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -40.433+/-38.221 $\chi^2$/NDF: 14.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam5_rms vs Slug




Right In: 92.803+/-0.041 $\chi^2$/NDF: 109884.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 89.907+/-0.036 $\chi^2$/NDF: 236634.1/8

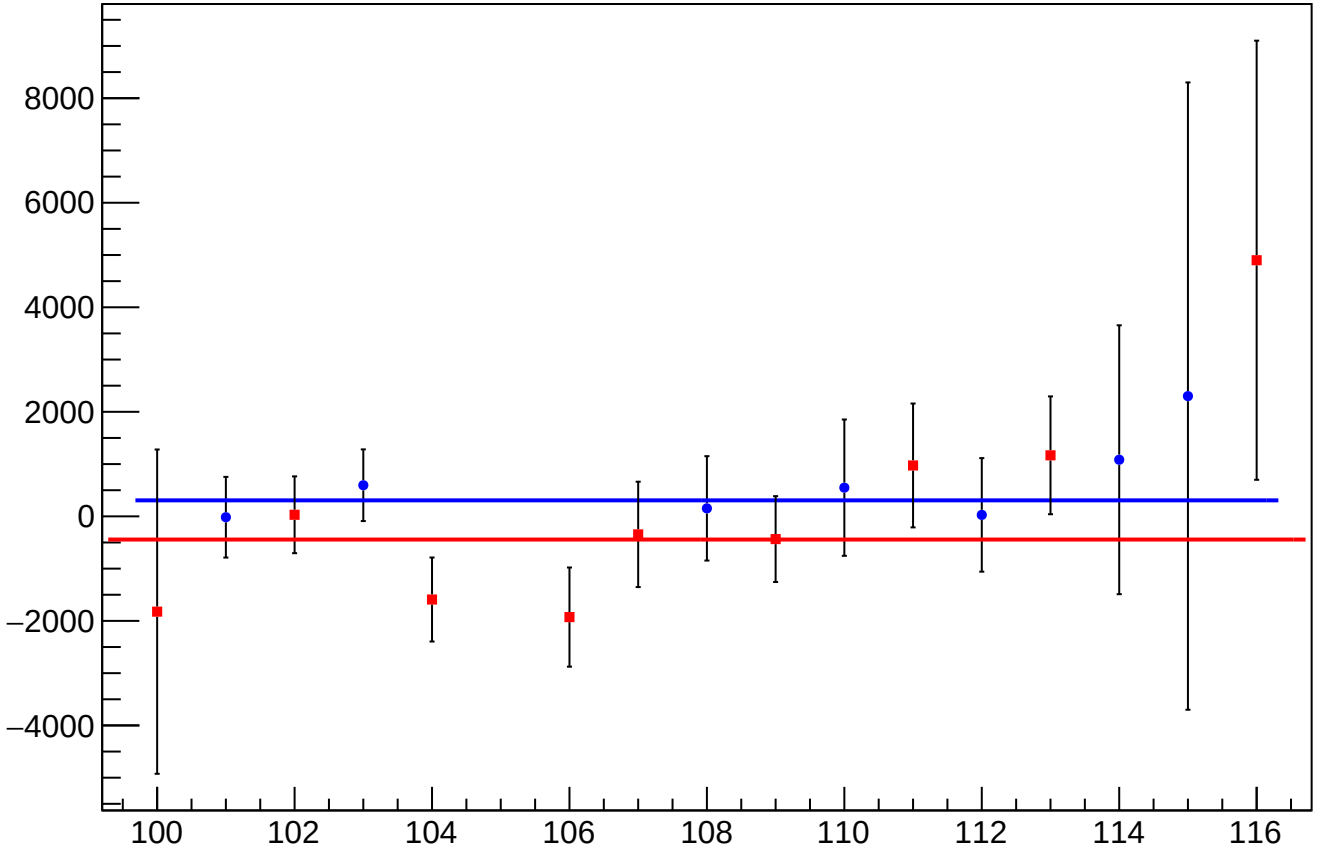
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 91.143+/-0.027 $\chi^2$/NDF: 349328.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam5_correction_mean vs Slug




Right In: 305.976+/-394.636 $\chi^2$/NDF: 0.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -443.602+/-340.258 $\chi^2$/NDF: 10.2/8

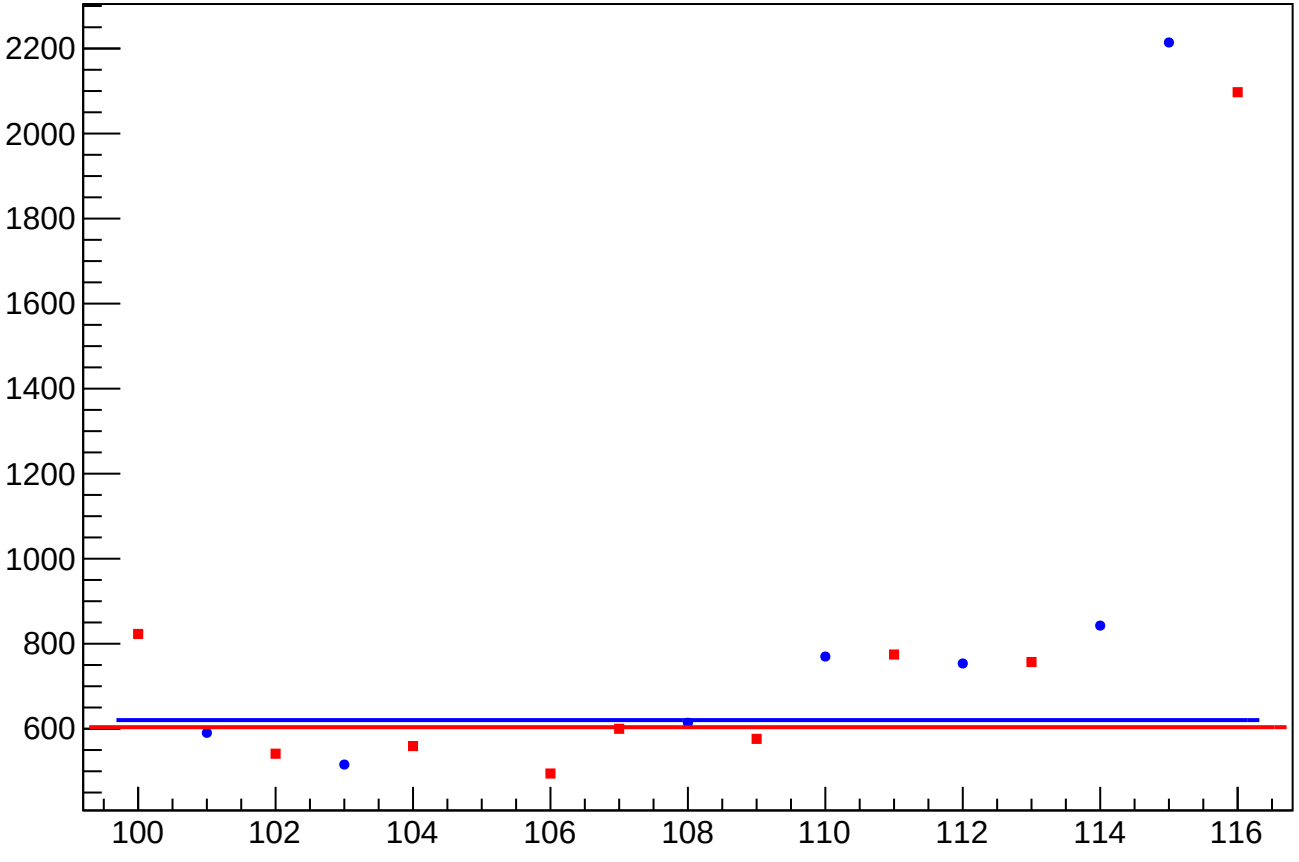
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -123.976+/-257.697 $\chi^2$/NDF: 12.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam5_correction_rms vs Slug




Right In: 620.370+/-0.279 $\chi^2$/NDF: 261926.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 603.723+/-0.241 $\chi^2$/NDF: 390629.4/8

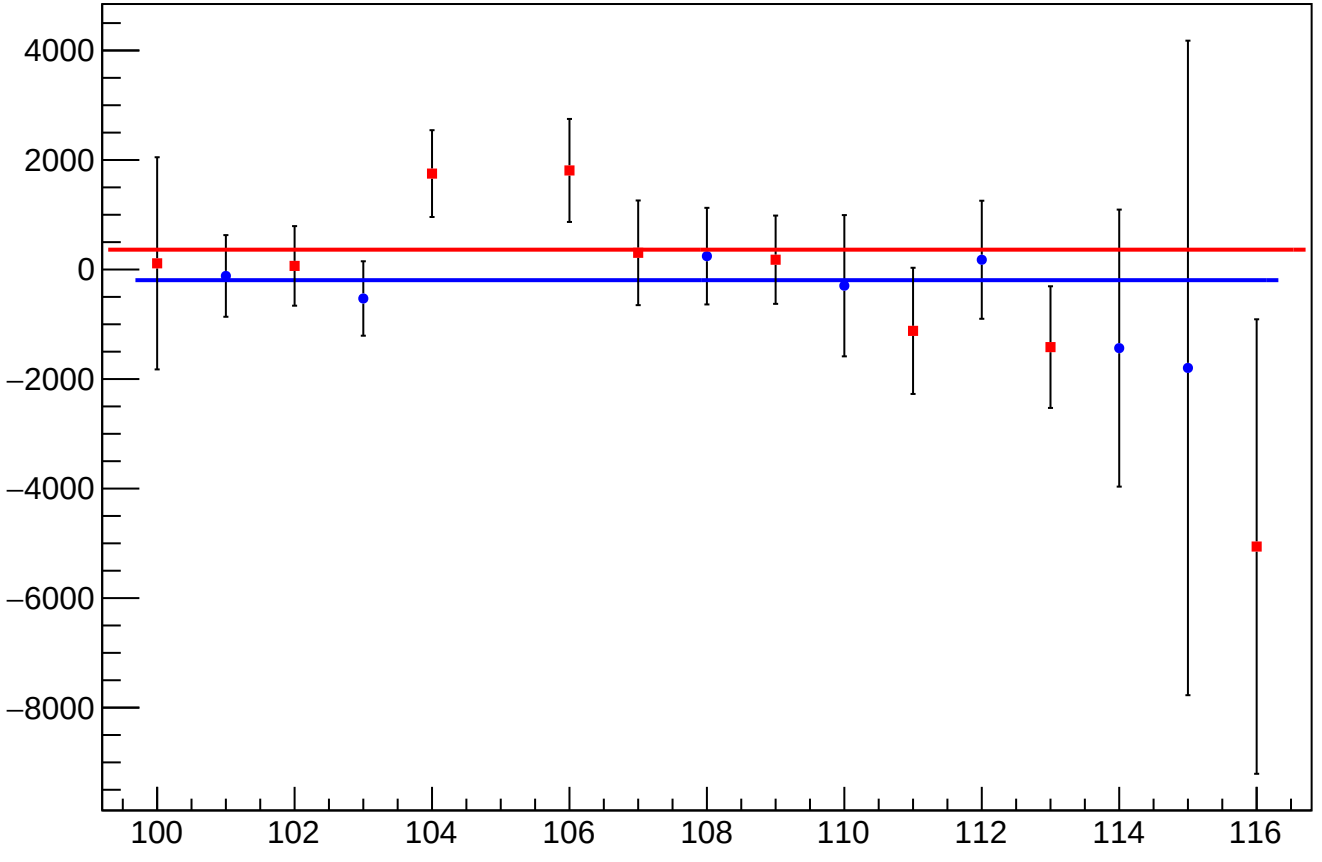
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 610.821+/-0.182 $\chi^2$/NDF: 654597.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam5_mean vs Slug




Right In: -194.477+/-380.839 $\chi^2$/NDF: 0.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 362.485+/-330.788 $\chi^2$/NDF: 11.6/8

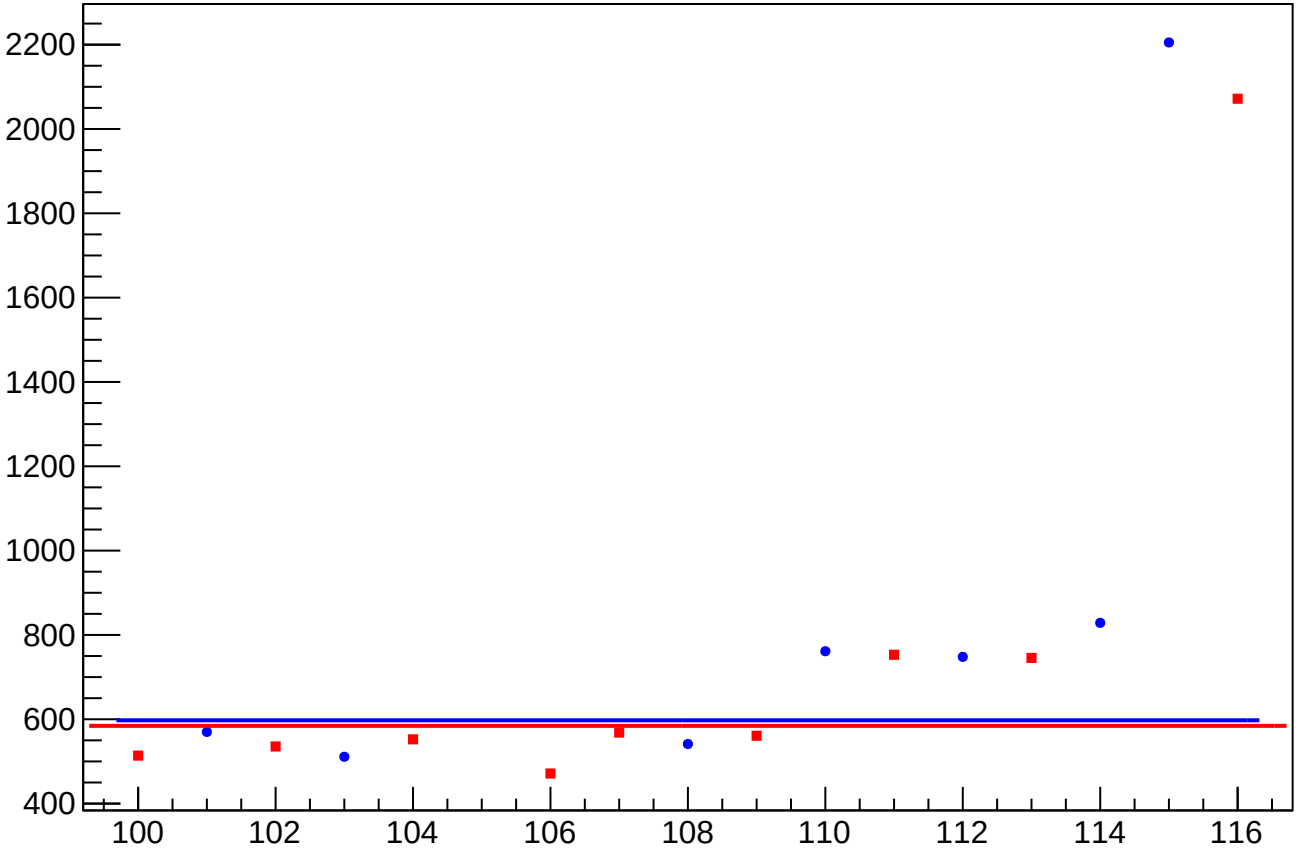
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 122.984+/-249.737 $\chi^2$/NDF: 13.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam5_rms vs Slug




Right In: 597.539+/-0.269 $\chi^2$/NDF: 275911.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

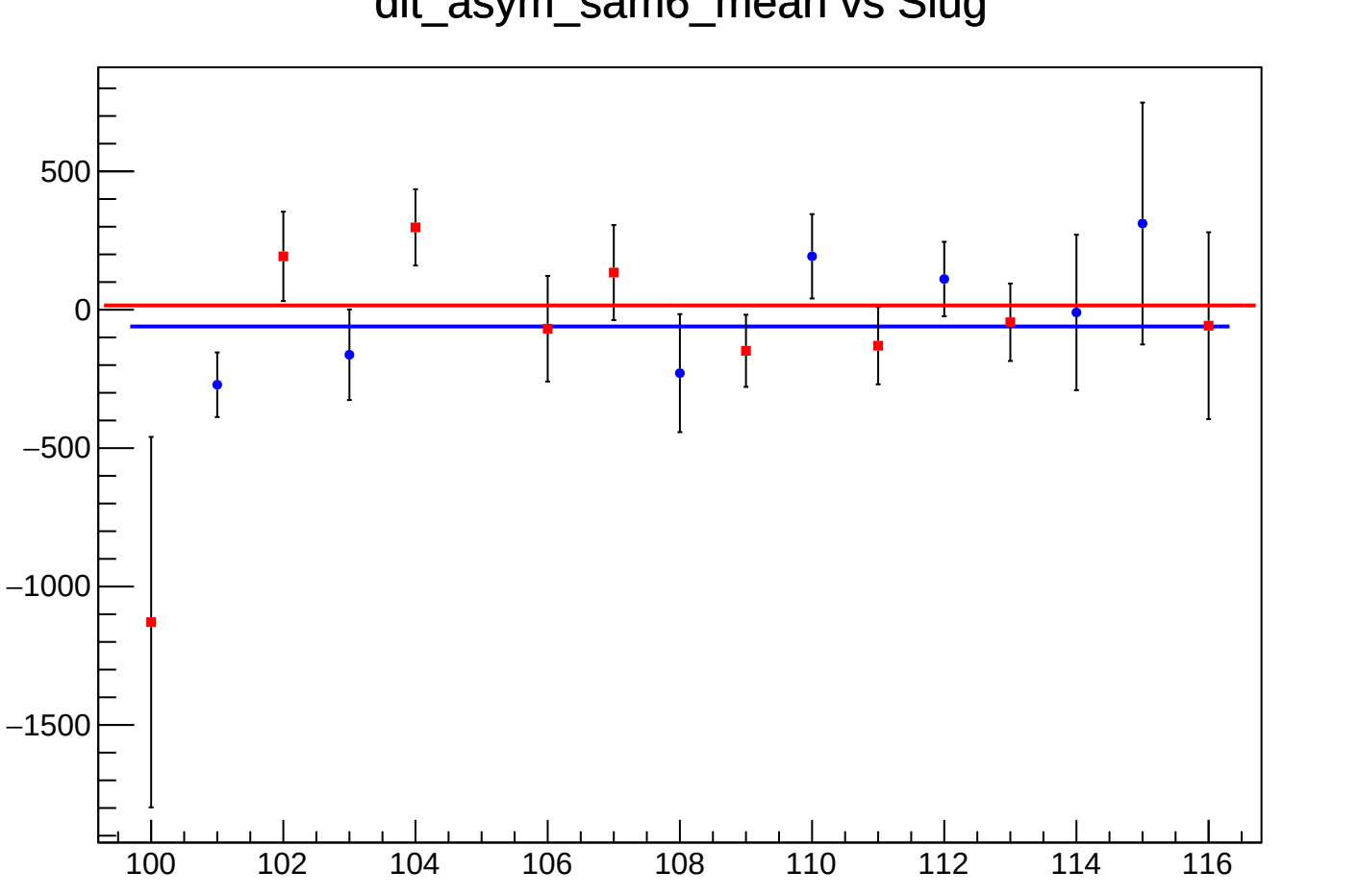
Right Out: 584.394+/-0.234 $\chi^2$/NDF: 388023.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 590.047+/-0.177 $\chi^2$/NDF: 665293.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -60.463+/-63.355 $\chi^2$/NDF: 9.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 15.494+/-55.490 $\chi^2$/NDF: 11.9/8

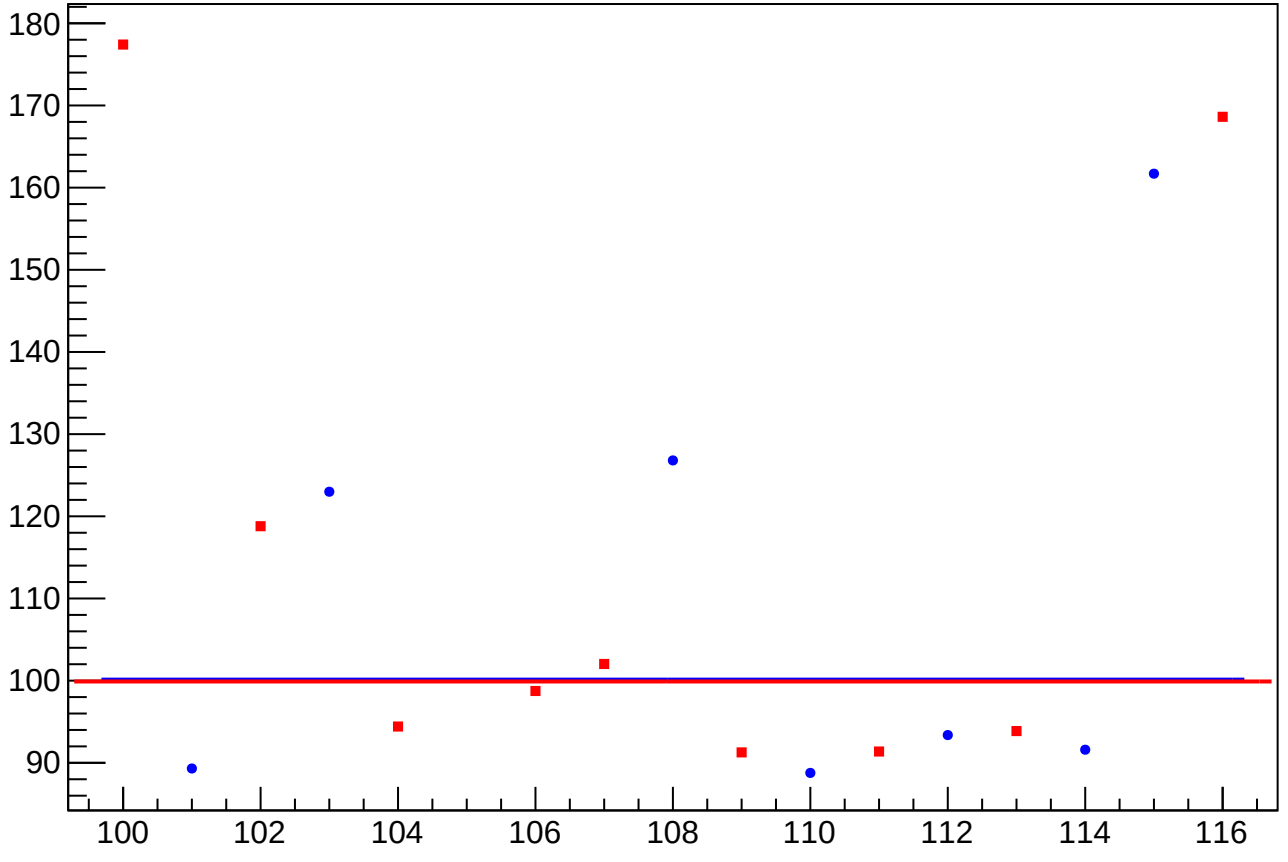
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -17.480+/-41.742 $\chi^2$/NDF: 22.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam6_rms vs Slug




Right In: 100.124+/-0.045 $\chi^2$/NDF: 145312.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

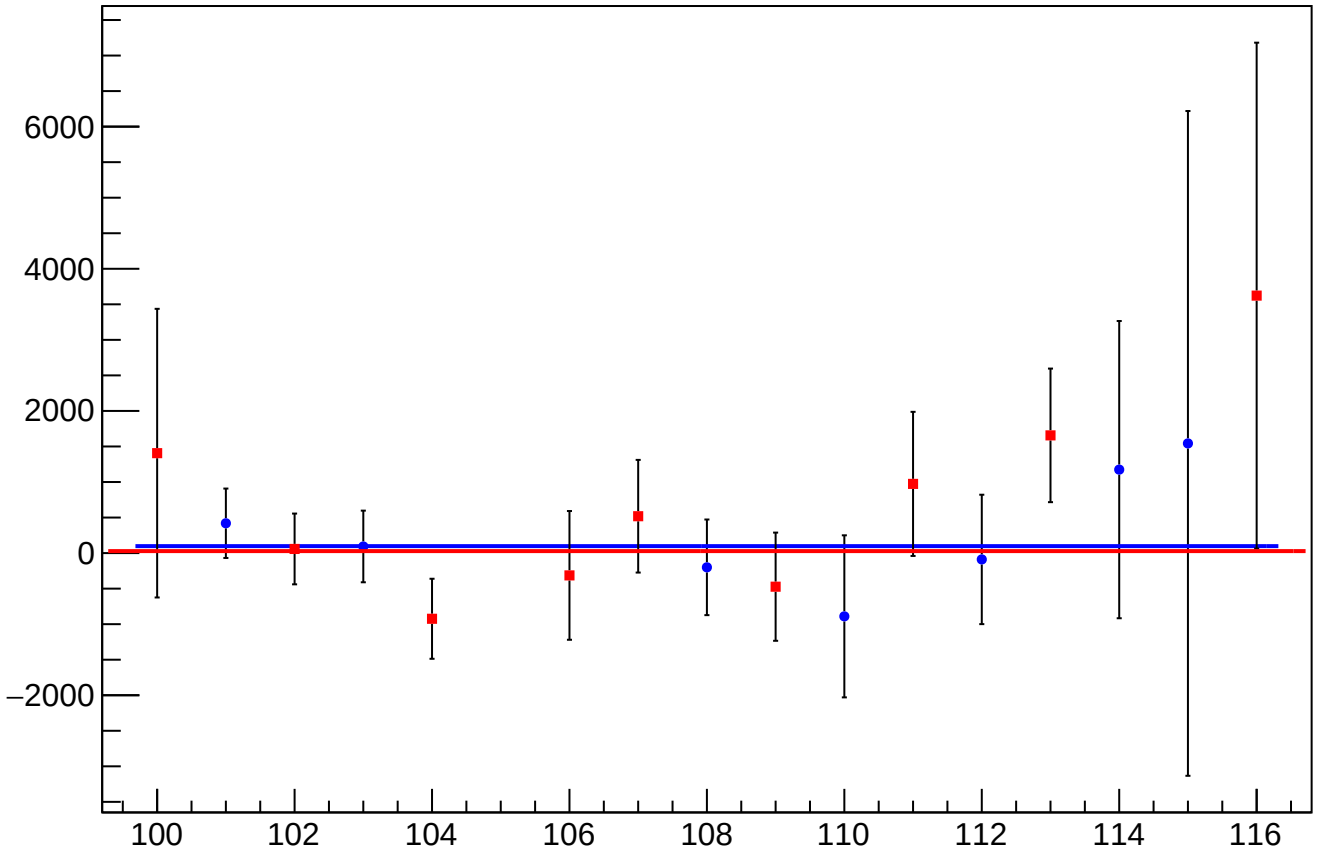
Right Out: 99.899+/-0.039 $\chi^2$/NDF: 160651.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 99.996+/-0.030 $\chi^2$/NDF: 305978.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 97.836+/-281.797 $\chi^2$/NDF: 1.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 27.980+/-265.811 $\chi^2$/NDF: 9.2/8

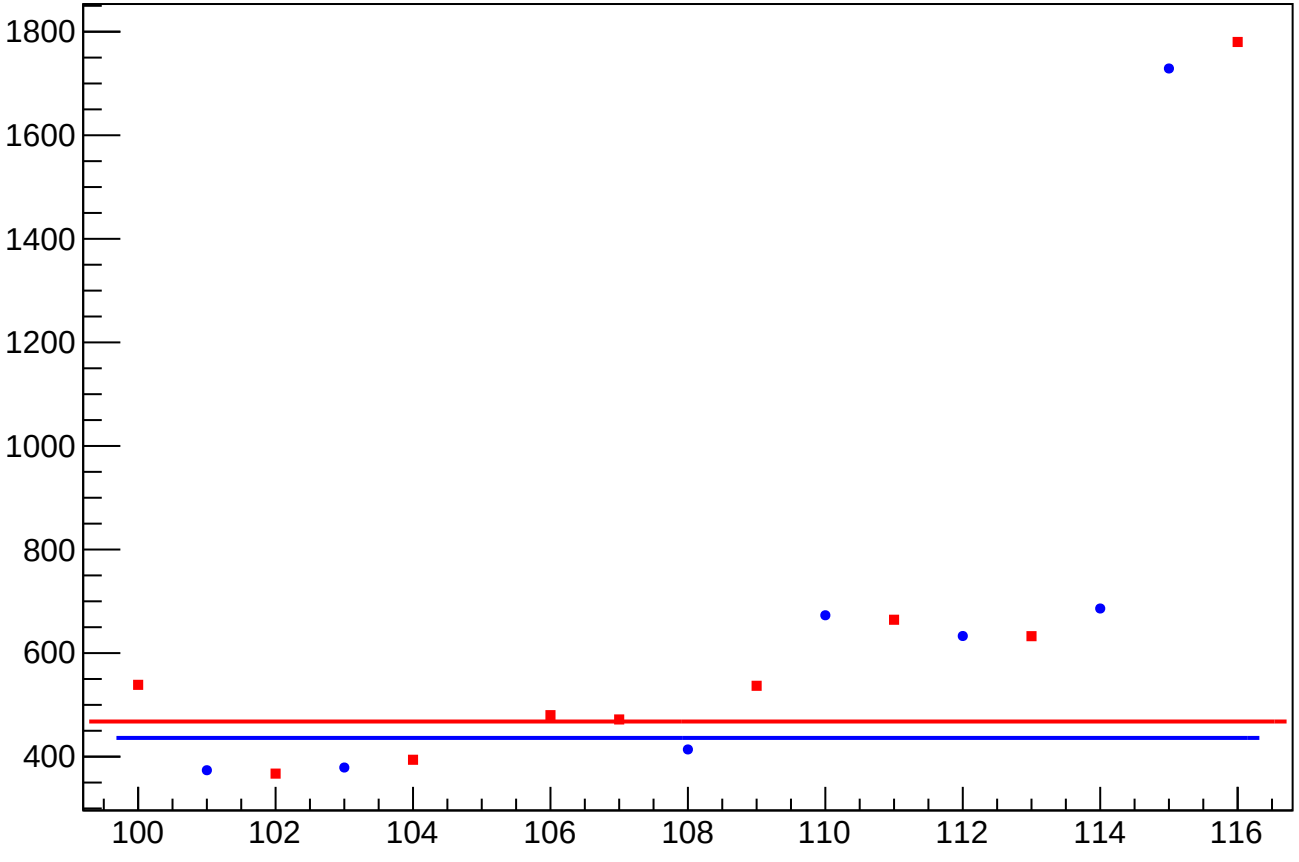
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 60.871+/-193.361 $\chi^2$/NDF: 11.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam6_correction_rms vs Slug




Right In: 436.196+/-0.199 $\chi^2$/NDF: 421819.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 467.882+/-0.188 $\chi^2$/NDF: 544033.8/8

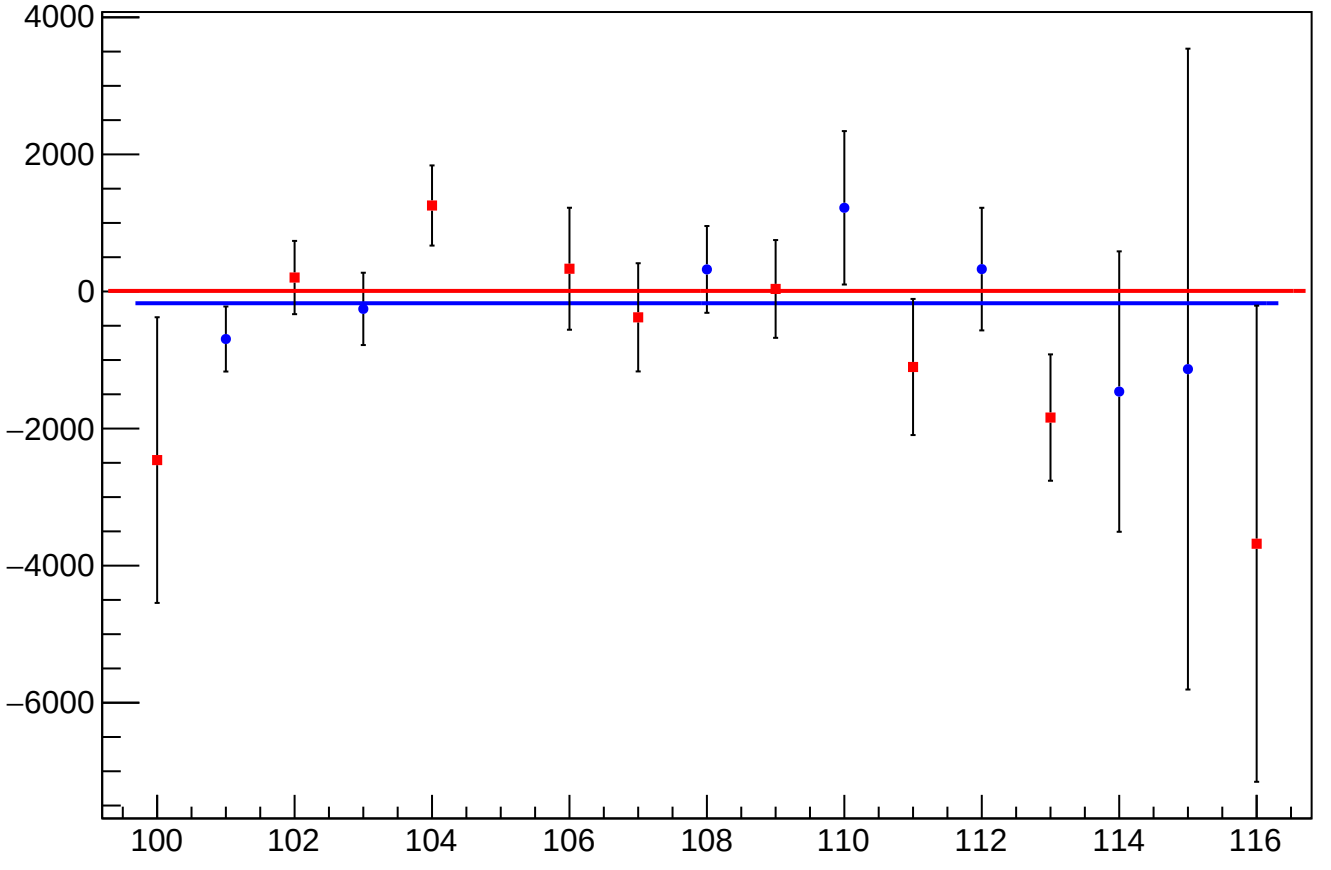
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 452.963+/-0.137 $\chi^2$/NDF: 979235.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam6_mean vs Slug




Right In: -171.559+/-278.849 $\chi^2$/NDF: 4.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 8.279+/-269.551 $\chi^2$/NDF: 12.8/8

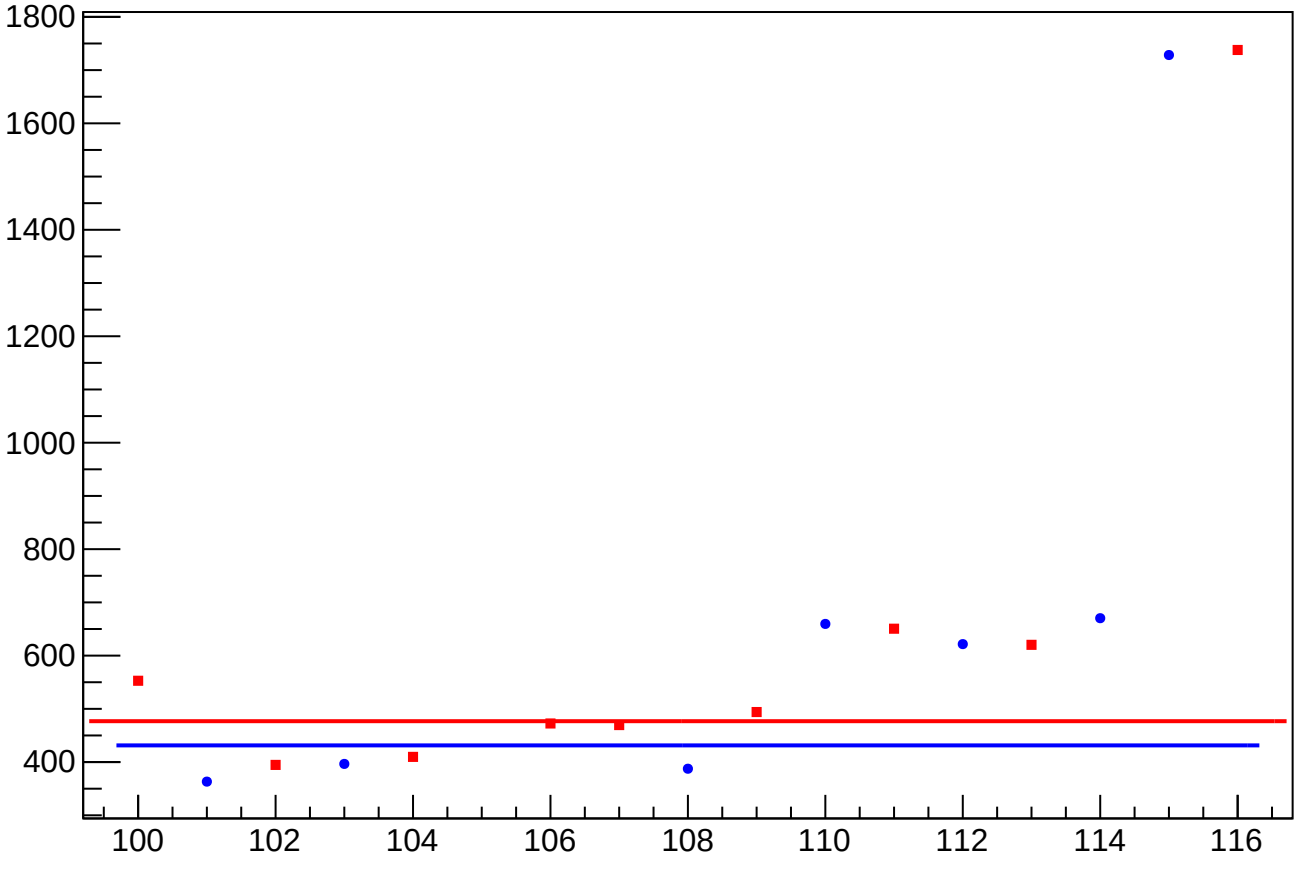
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -78.592+/-193.805 $\chi^2$/NDF: 17.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam6_rms vs Slug




Right In: 431.348+/-0.197 $\chi^2$/NDF: 414320.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

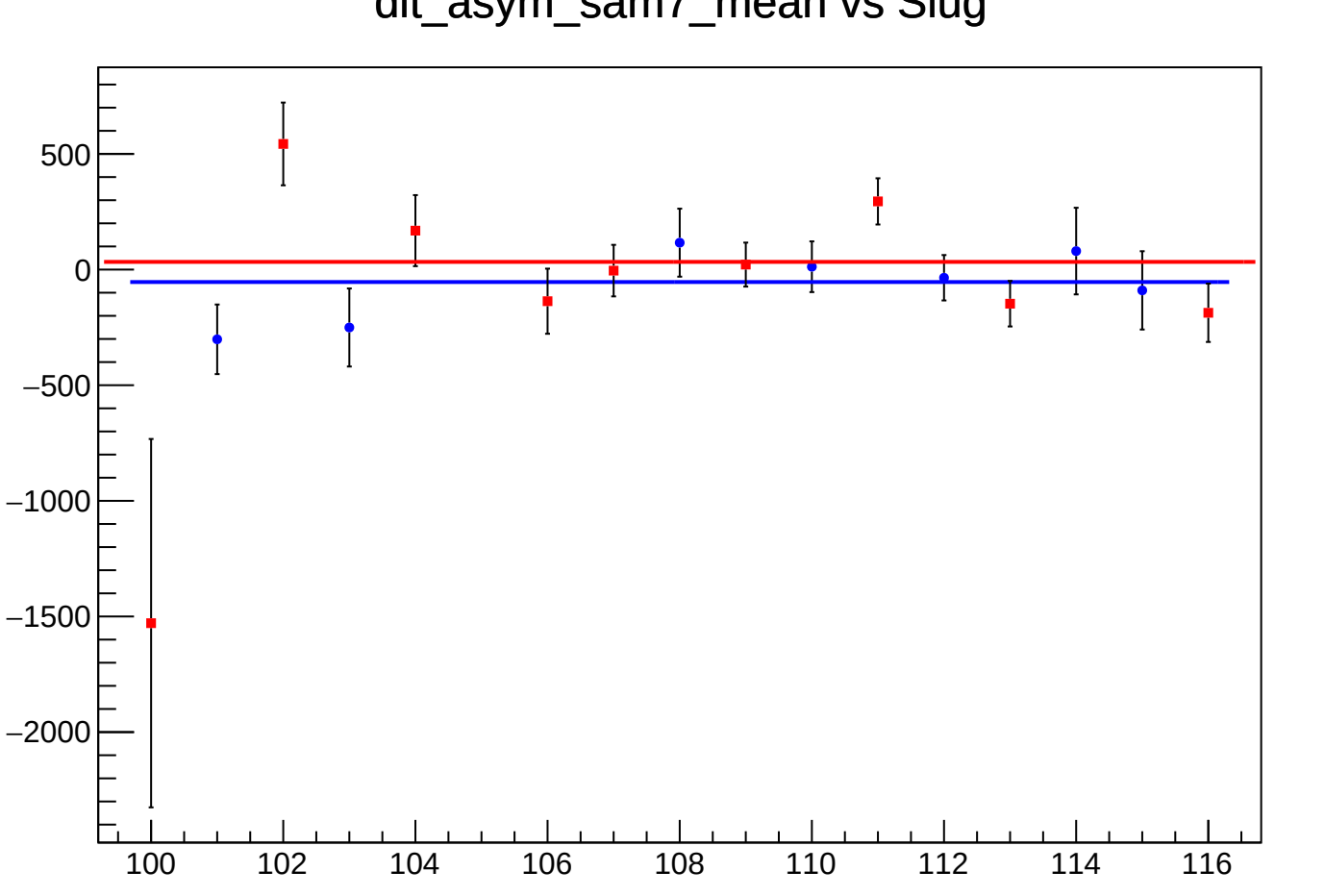
Right Out: 476.817+/-0.191 $\chi^2$/NDF: 450861.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 454.853+/-0.137 $\chi^2$/NDF: 892672.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -53.846+/-51.581 $\chi^2$/NDF: 6.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 33.241+/-41.418 $\chi^2$/NDF: 27.6/8

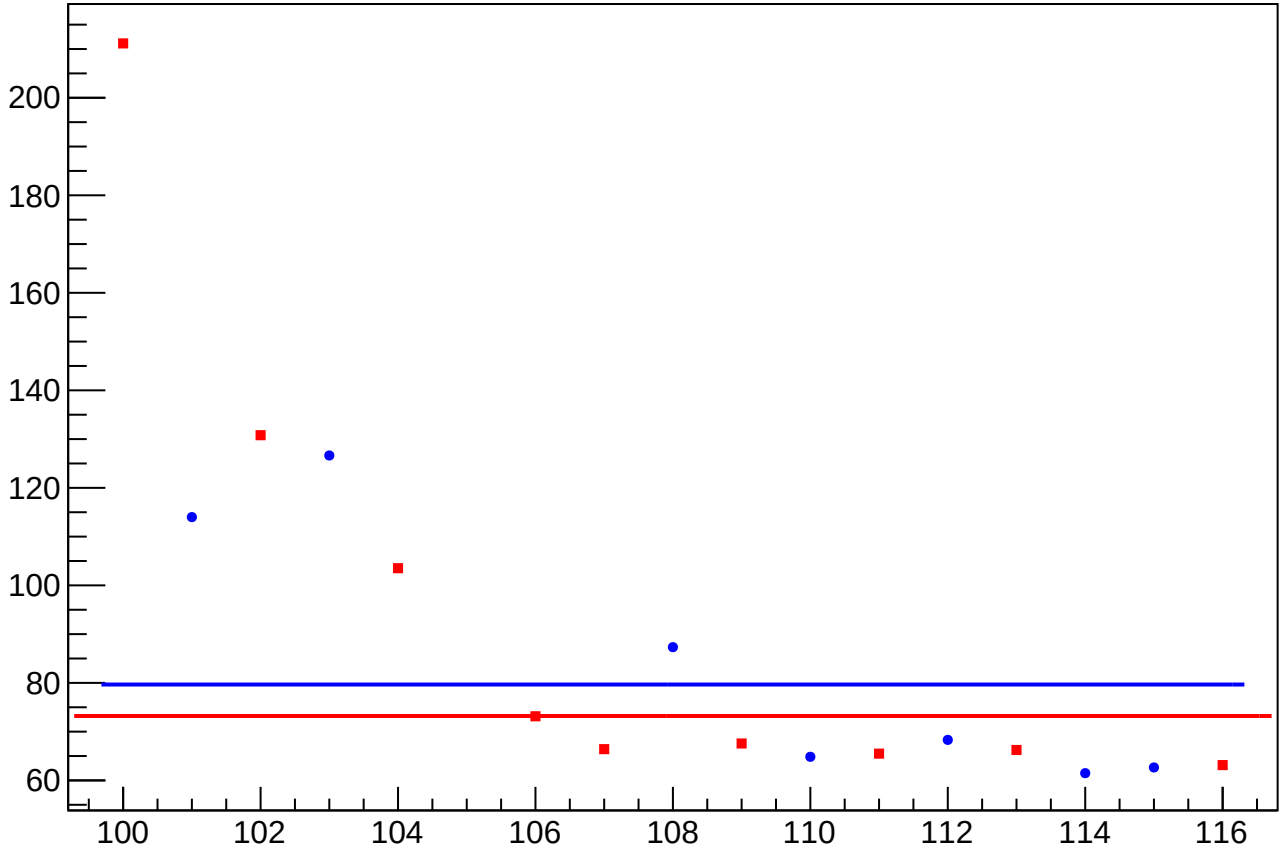
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.898+/-32.295 $\chi^2$/NDF: 35.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam7_rms vs Slug




Right In: 79.664+/-0.036 $\chi^2$/NDF: 366922.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 73.212+/-0.029 $\chi^2$/NDF: 394241.1/8

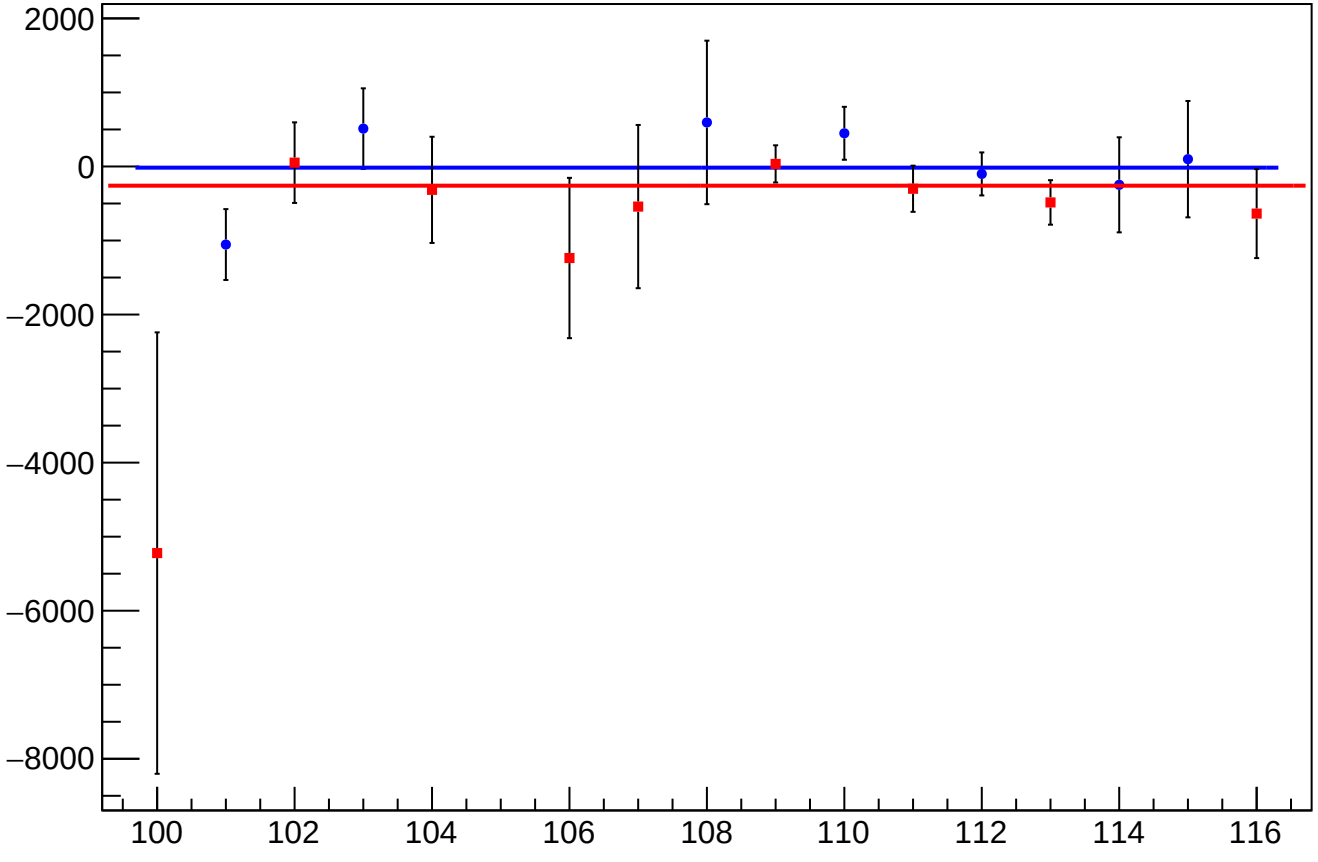
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 75.741+/-0.023 $\chi^2$/NDF: 780189.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam7_correction_mean vs Slug




Right In: -15.874+/-175.994 $\chi^2$/NDF: 7.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -259.271+/-145.706 $\chi^2$/NDF: 6.3/8

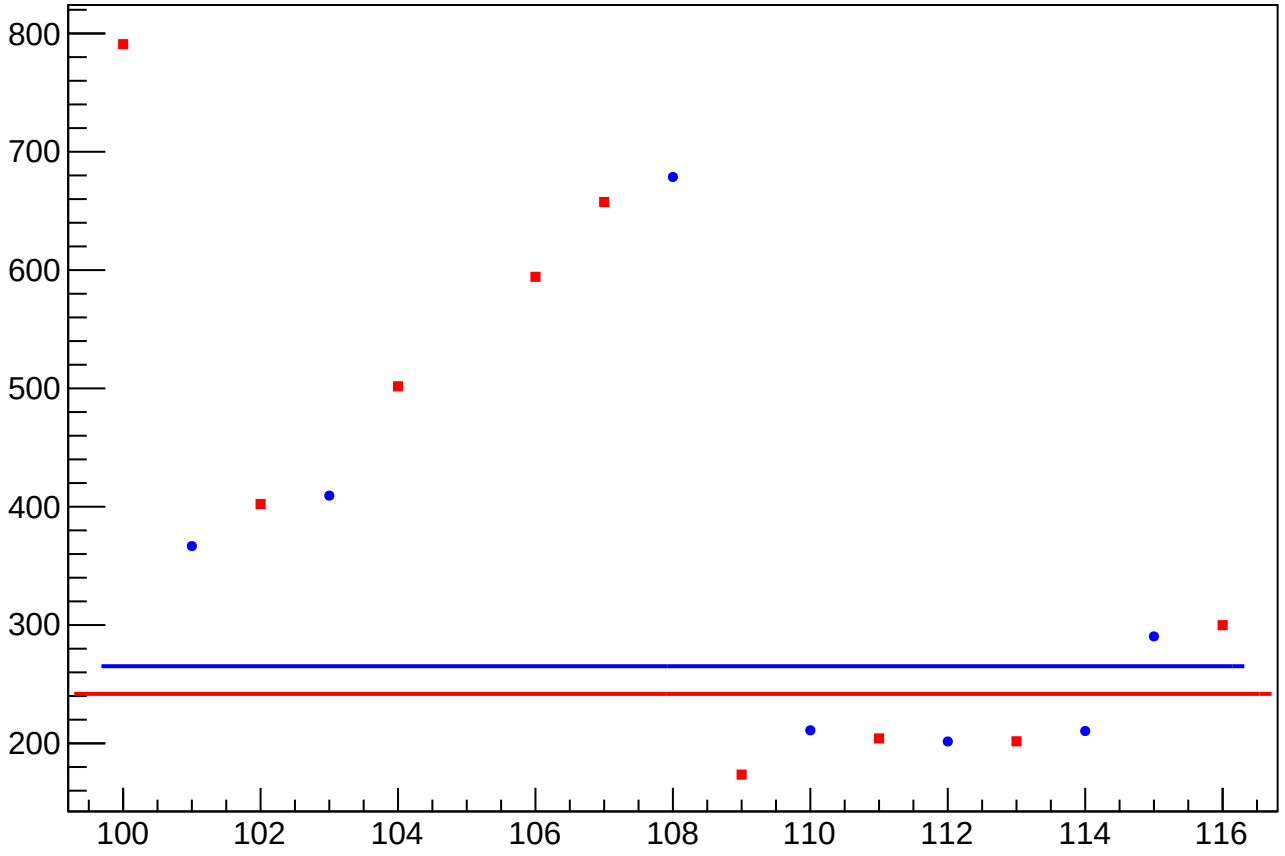
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -160.286+/-112.234 $\chi^2$/NDF: 15.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam7_correction_rms vs Slug




Right In: 265.191+/-0.124 $\chi^2$/NDF: 669359.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 241.807+/-0.103 $\chi^2$/NDF: 1231923.7/8

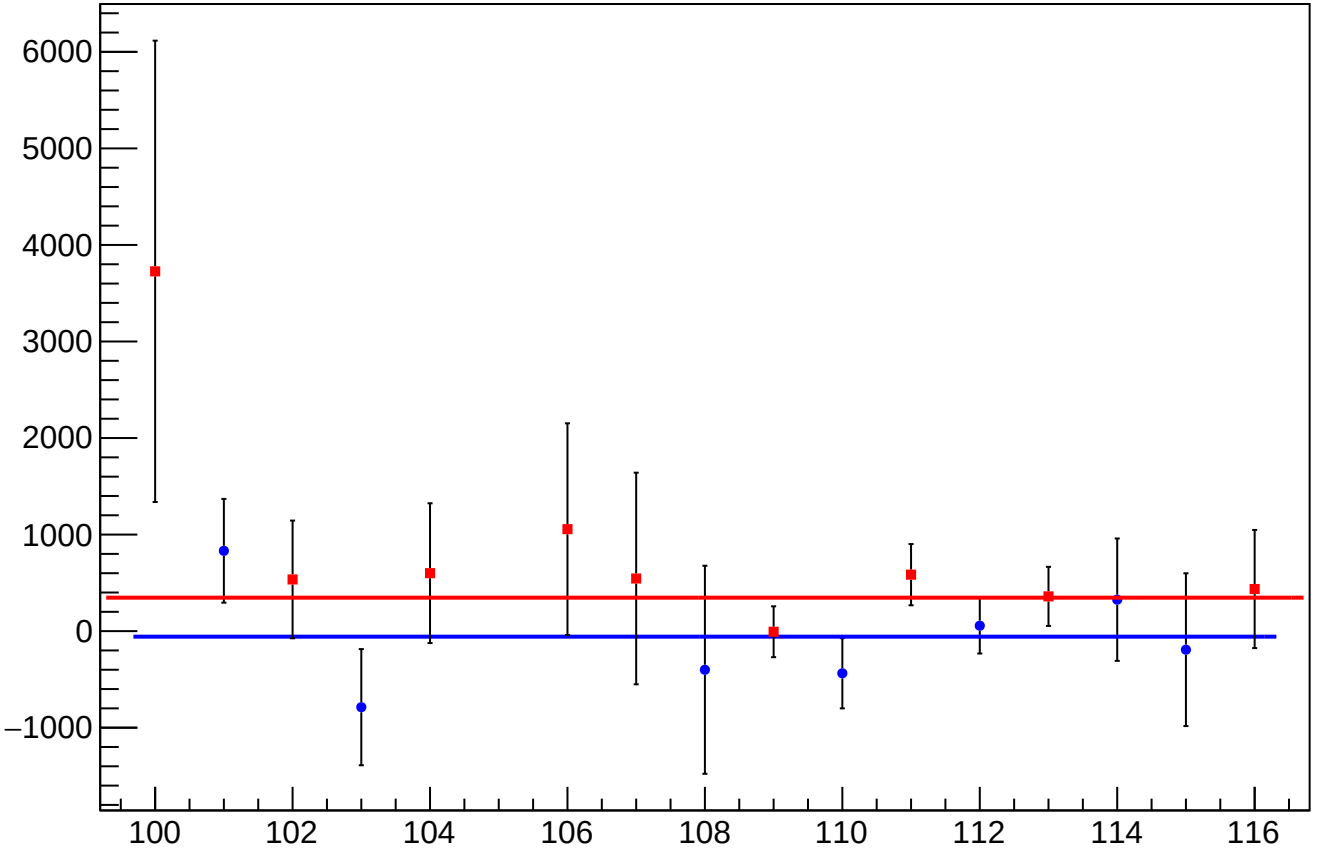
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 251.317+/-0.079 $\chi^2$/NDF: 1922231.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam7_mean vs Slug




Right In: -57.272+/-180.178 $\chi^2$/NDF: 6.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 346.713+/-150.541 $\chi^2$/NDF: 5.1/8

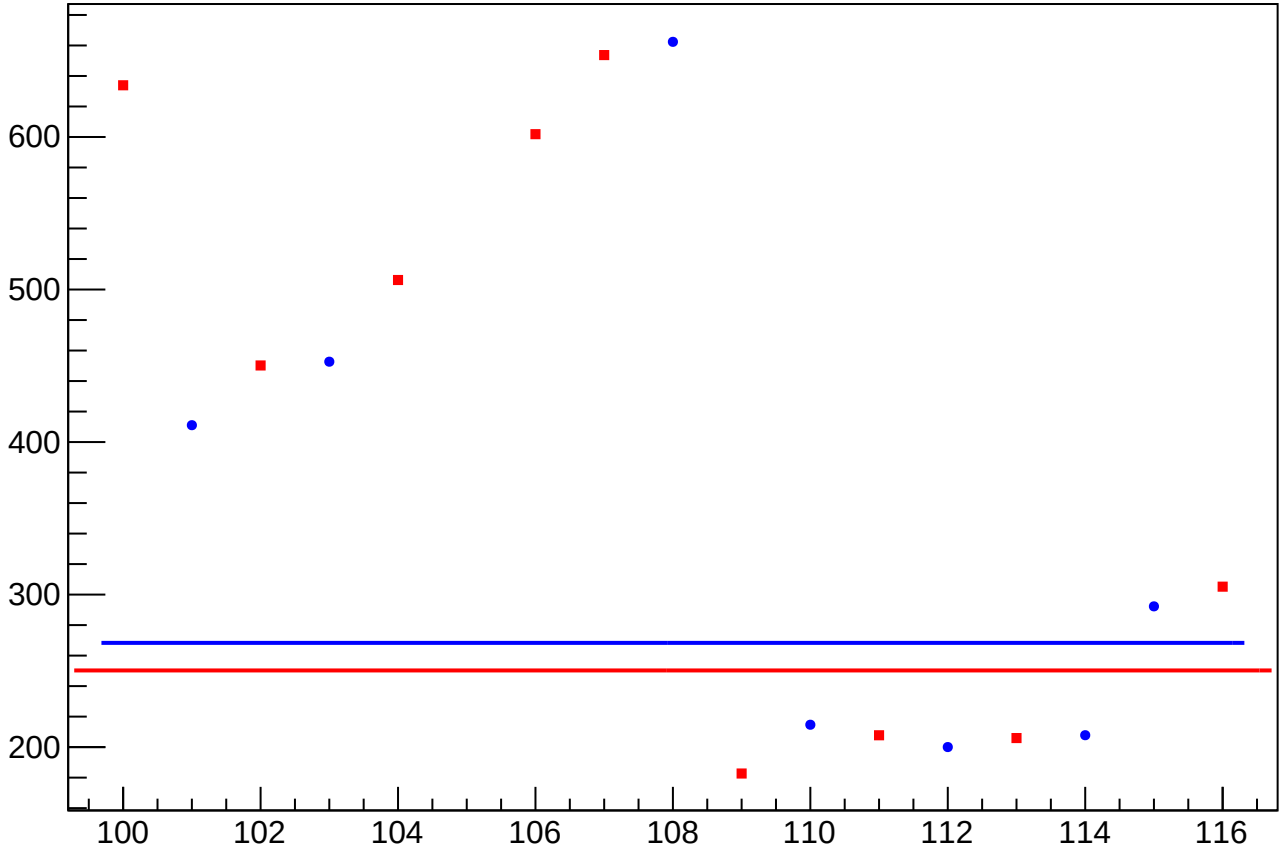
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 180.634+/-115.525 $\chi^2$/NDF: 14.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam7_rms vs Slug




Right In: 268.346+/-0.127 $\chi^2$/NDF: 772504.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

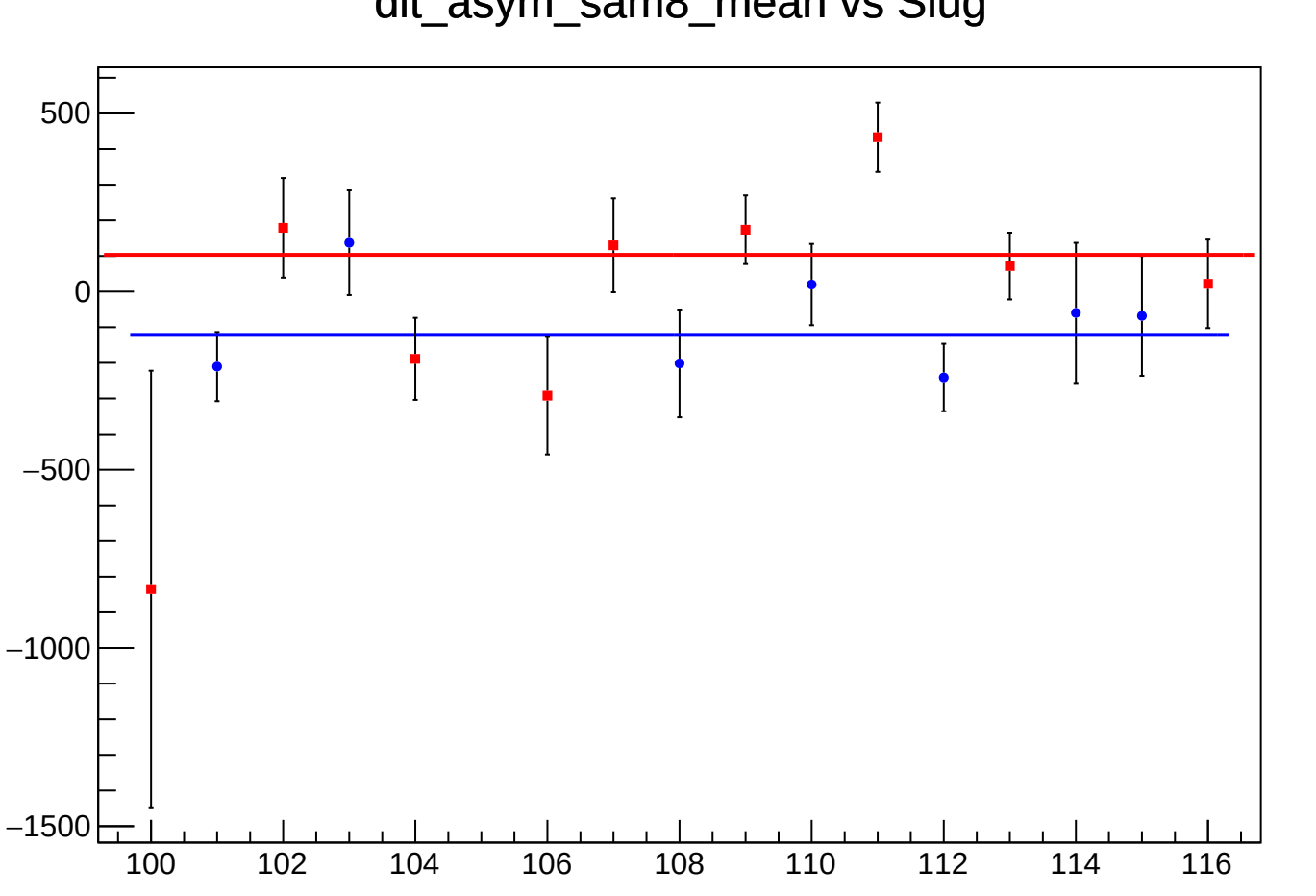
Right Out: 250.269+/-0.106 $\chi^2$/NDF: 1218906.5/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 257.700+/-0.082 $\chi^2$/NDF: 2003266.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -121.544+/-47.364 $\chi^2$/NDF: 7.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 103.076+/-40.293 $\chi^2$/NDF: 27.5/8

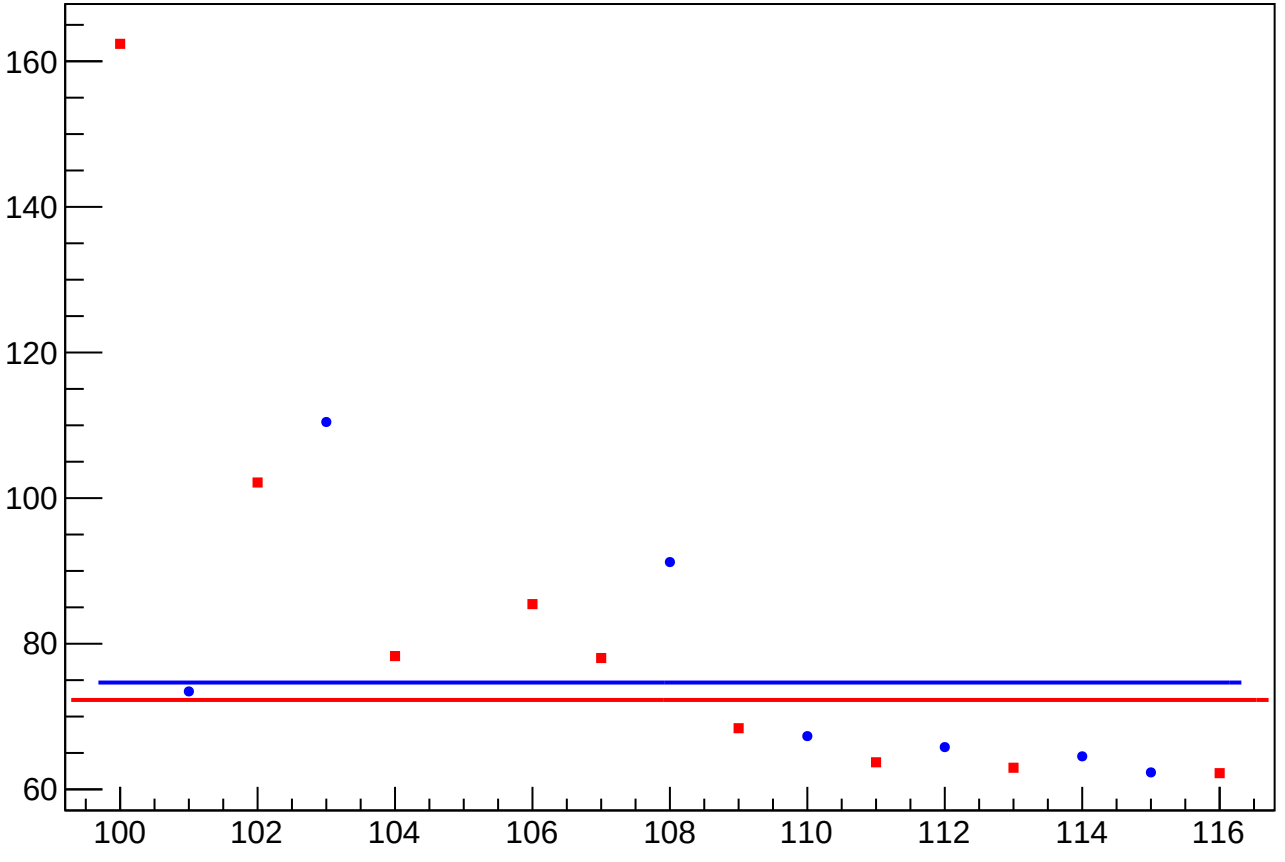
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 8.768+/-30.690 $\chi^2$/NDF: 48.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam8_rms vs Slug




Right In: 74.671+/-0.033 $\chi^2$/NDF: 184754.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 72.281+/-0.028 $\chi^2$/NDF: 208091.5/8

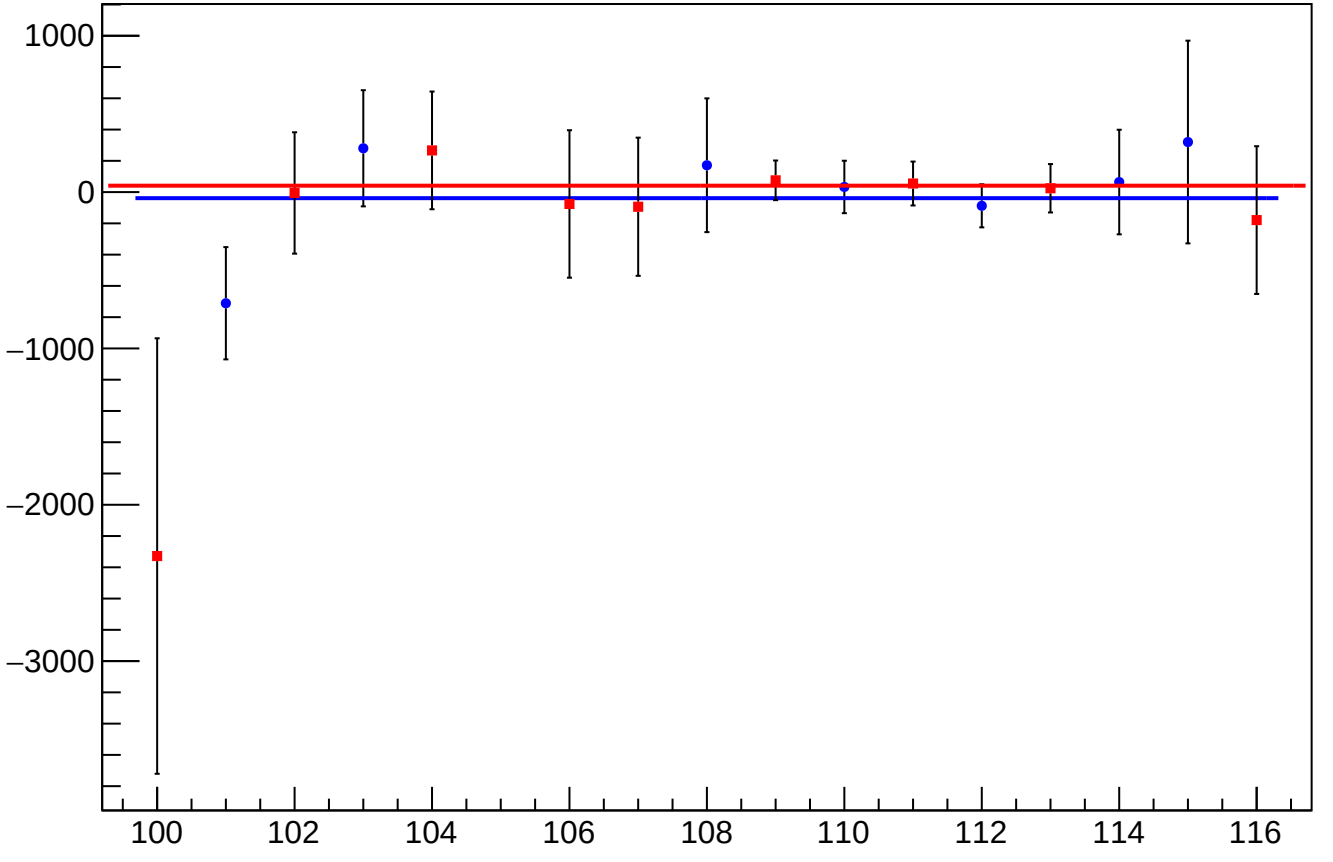
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 73.285+/-0.022 $\chi^2$/NDF: 395801.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam8_correction_mean vs Slug




Right In: -38.796+/-91.319 $\chi^2$/NDF: 5.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 41.100+/-73.931 $\chi^2$/NDF: 3.7/8

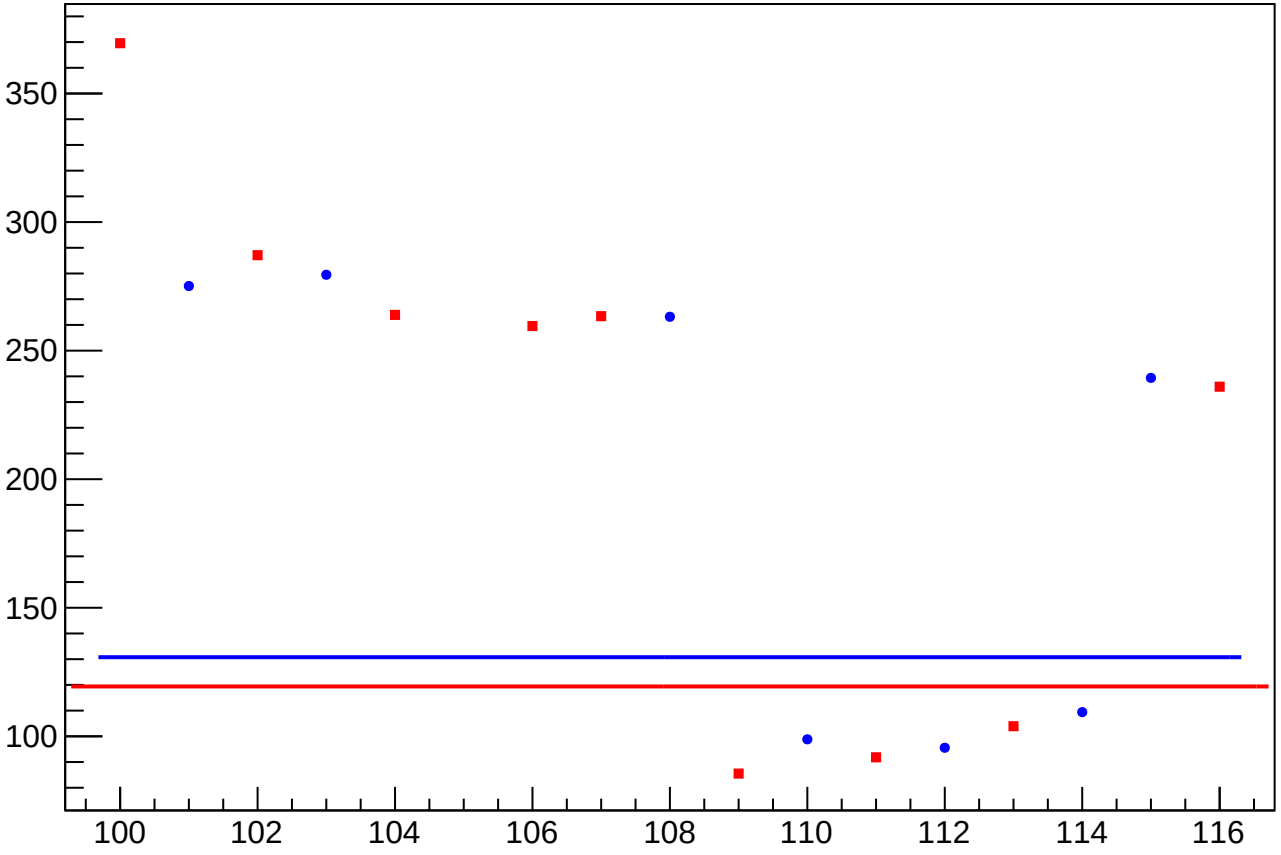
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 9.467+/-57.461 $\chi^2$/NDF: 9.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam8_correction_rms vs Slug




Right In: 130.775+/-0.065 $\chi^2$/NDF: 1102636.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 119.393+/-0.052 $\chi^2$/NDF: 1483123.5/8

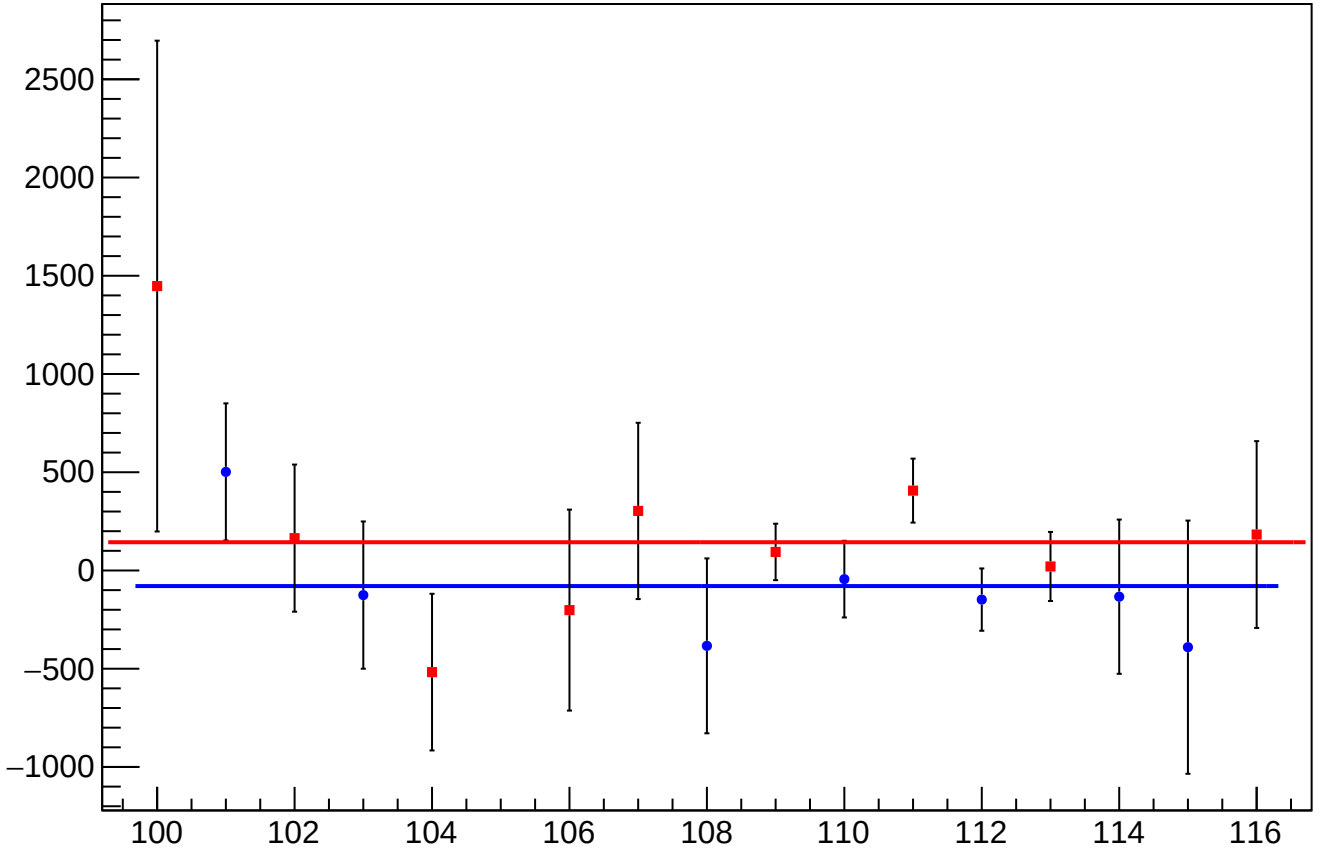
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 123.899+/-0.041 $\chi^2$/NDF: 2604530.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam8_mean vs Slug




Right In: -79.371+/-102.422 $\chi^2$/NDF: 3.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 143.764+/-82.816 $\chi^2$/NDF: 7.6/8

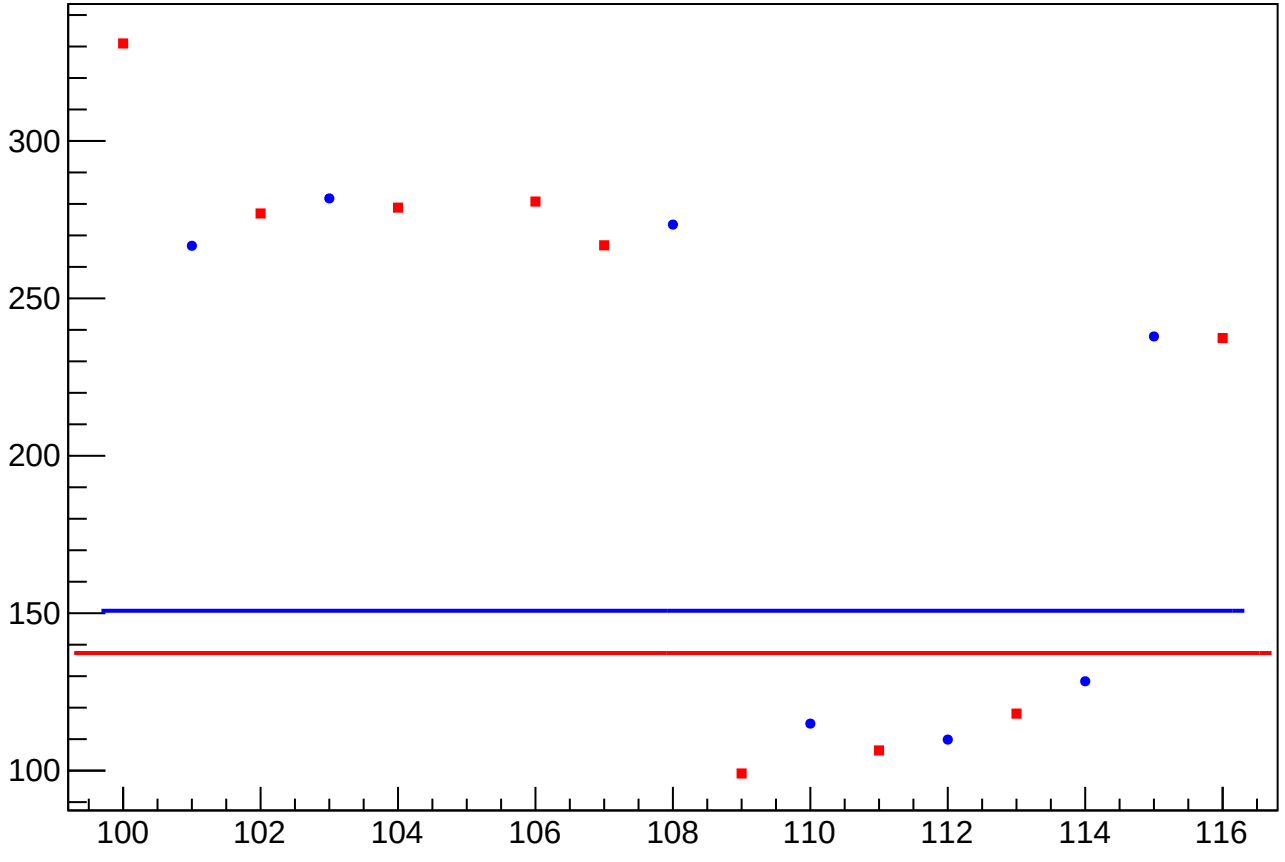
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 55.552+/-64.398 $\chi^2$/NDF: 14.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam8_rms vs Slug




Right In: 150.778+/-0.072 $\chi^2$/NDF: 860822.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 137.360+/-0.059 $\chi^2$/NDF: 1228524.6/8

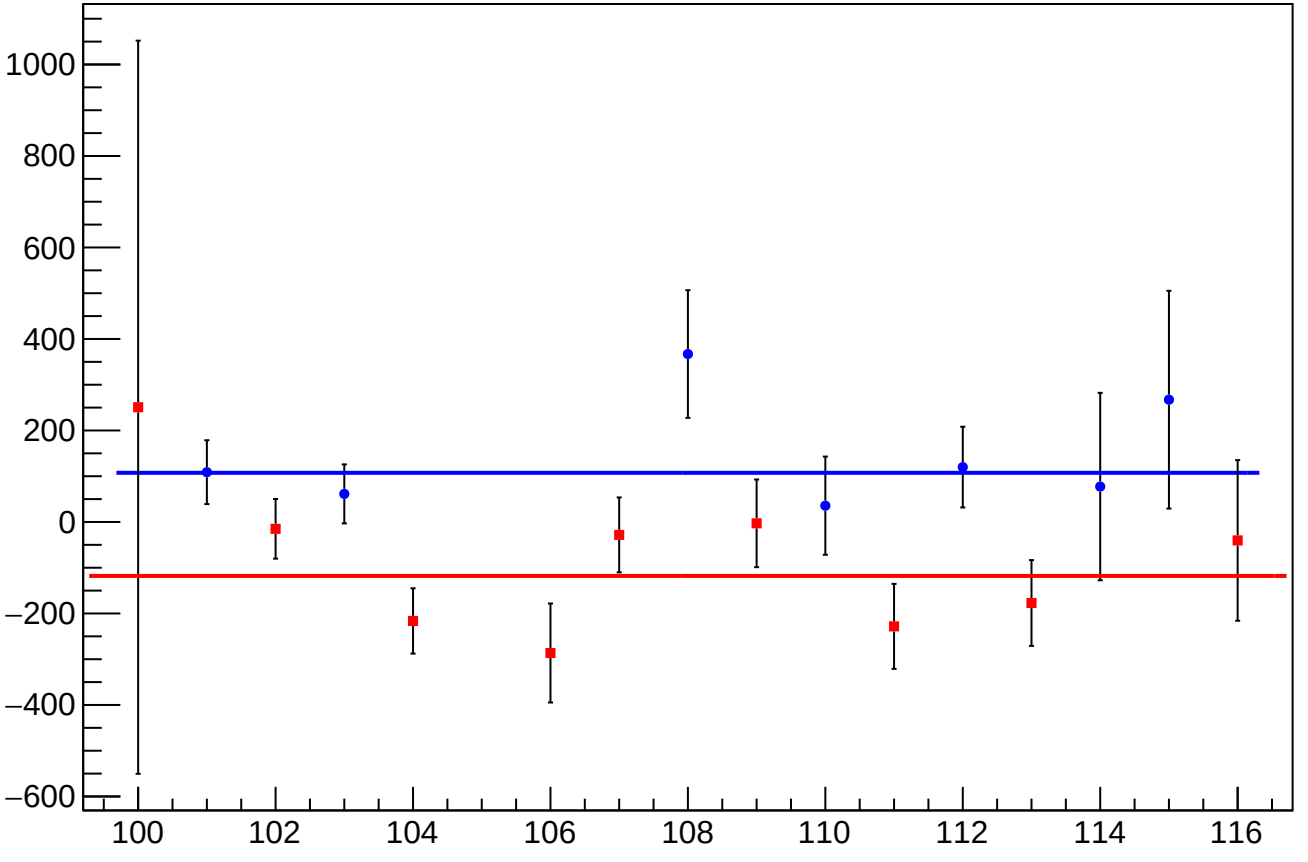
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 142.664+/-0.046 $\chi^2$/NDF: 2110104.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_avg_mean vs Slug




Right In: 107.459+/-36.421 $\chi^2$/NDF: 4.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -117.929+/-31.031 $\chi^2$/NDF: 11.7/8

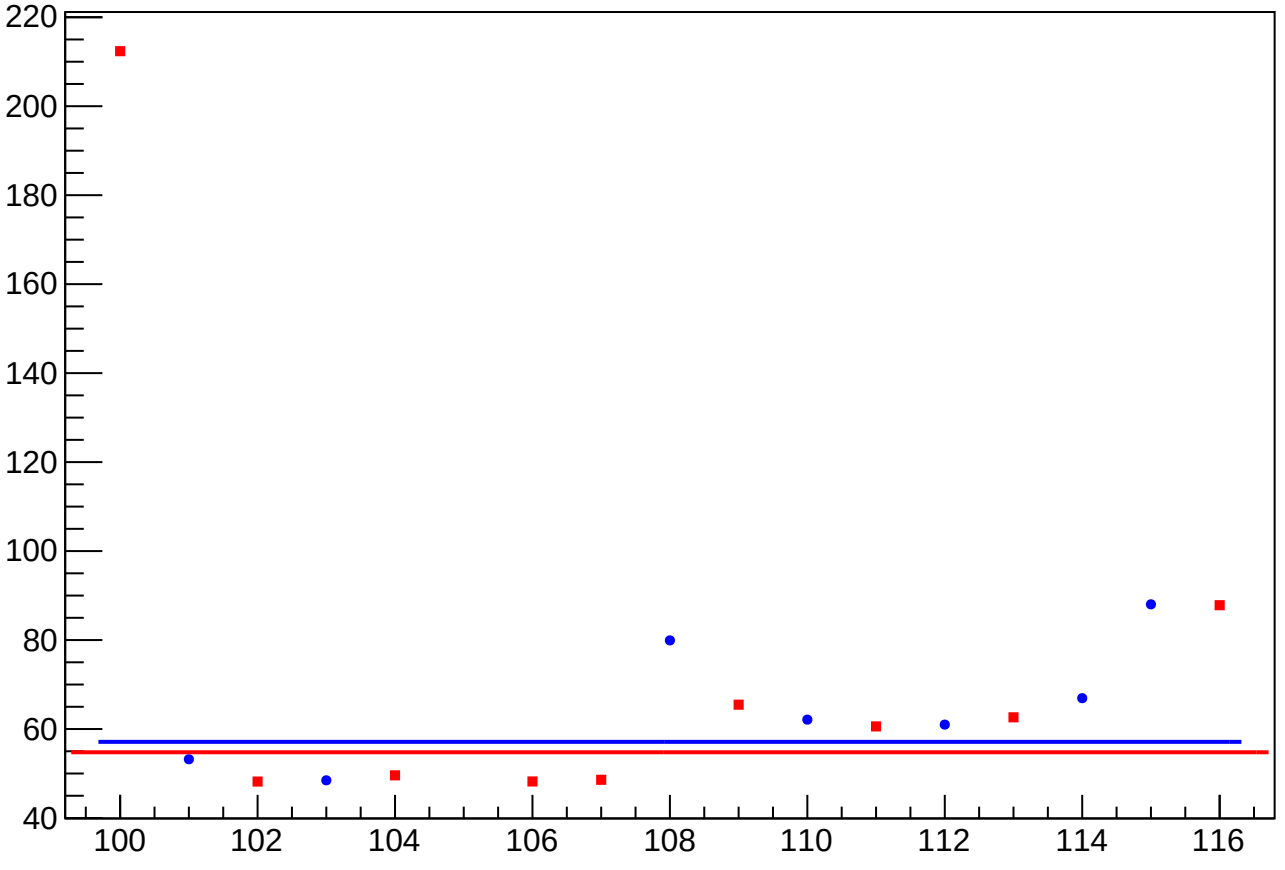
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -23.131+/-23.620 $\chi^2$/NDF: 38.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_avg_rms vs Slug




Right In: 57.118+/-0.026 $\chi^2$/NDF: 142180.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 54.776+/-0.022 $\chi^2$/NDF: 244786.7/8

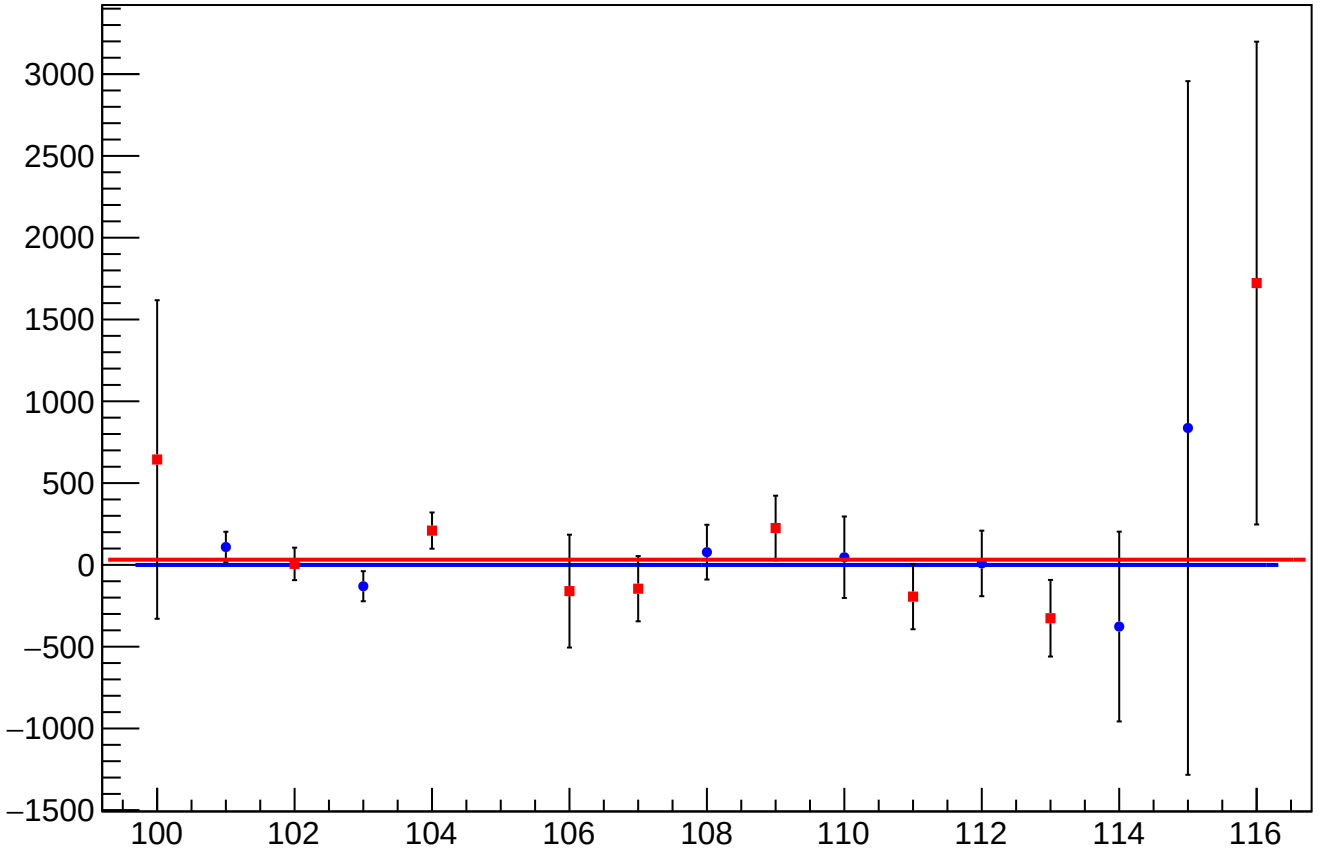
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 55.761+/-0.017 $\chi^2$/NDF: 391758.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_avg_correction_mean vs Slug




Right In: -0.418+/-56.528 $\chi^2$/NDF: 4.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 31.858+/-59.027 $\chi^2$/NDF: 10.0/8

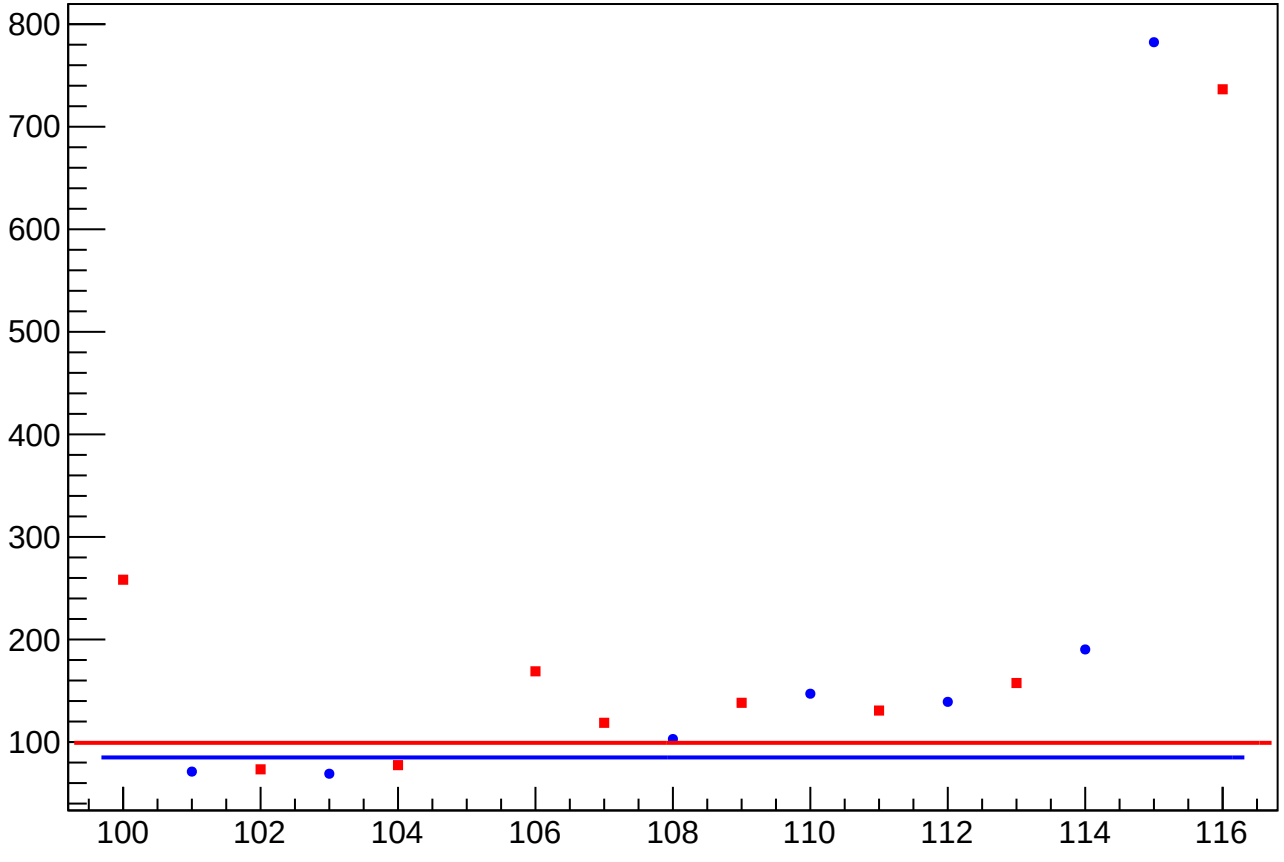
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 15.023+/-40.826 $\chi^2$/NDF: 14.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_avg_correction_rms vs Slug




Right In: 84.991+/-0.040 $\chi^2$/NDF: 679847.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 99.239+/-0.042 $\chi^2$/NDF: 991785.8/8

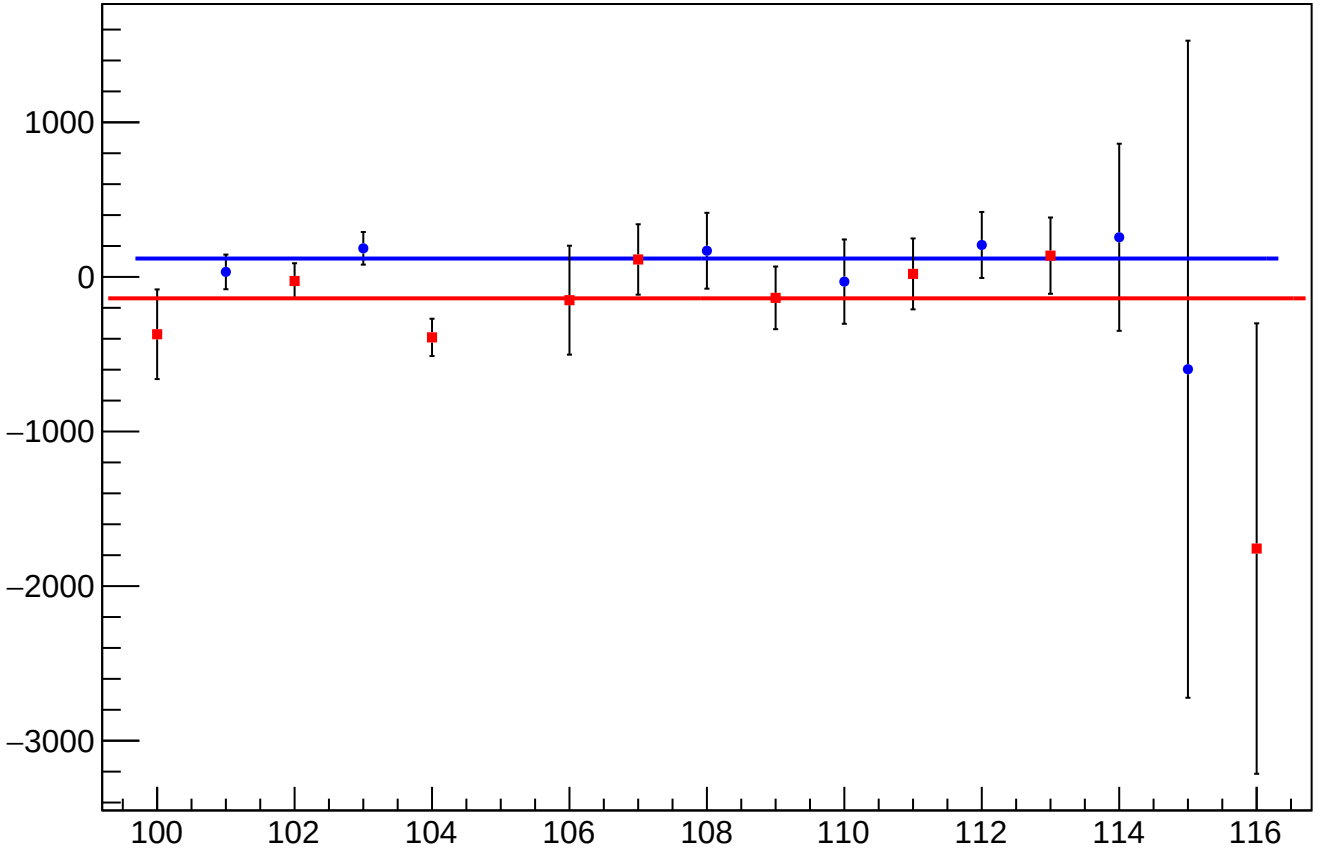
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 91.807+/-0.029 $\chi^2$/NDF: 1732415.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_avg_mean vs Slug




Right In: 118.987+/-66.724 $\chi^2$/NDF: 1.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -138.514+/-64.007 $\chi^2$/NDF: 10.2/8

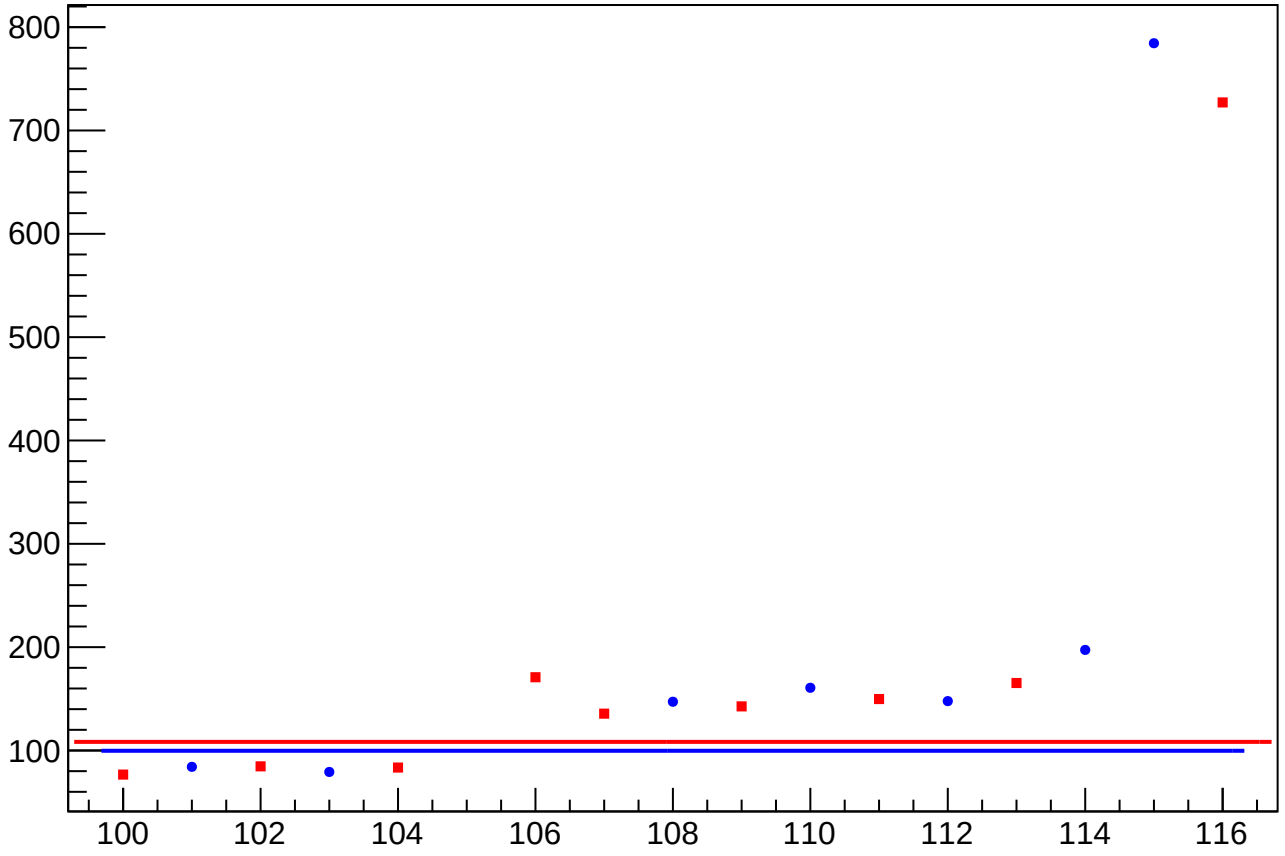
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -15.113+/-46.190 $\chi^2$/NDF: 19.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_avg_rms vs Slug




Right In: 99.723+/-0.047 $\chi^2$/NDF: 649737.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 108.342+/-0.045 $\chi^2$/NDF: 875805.2/8

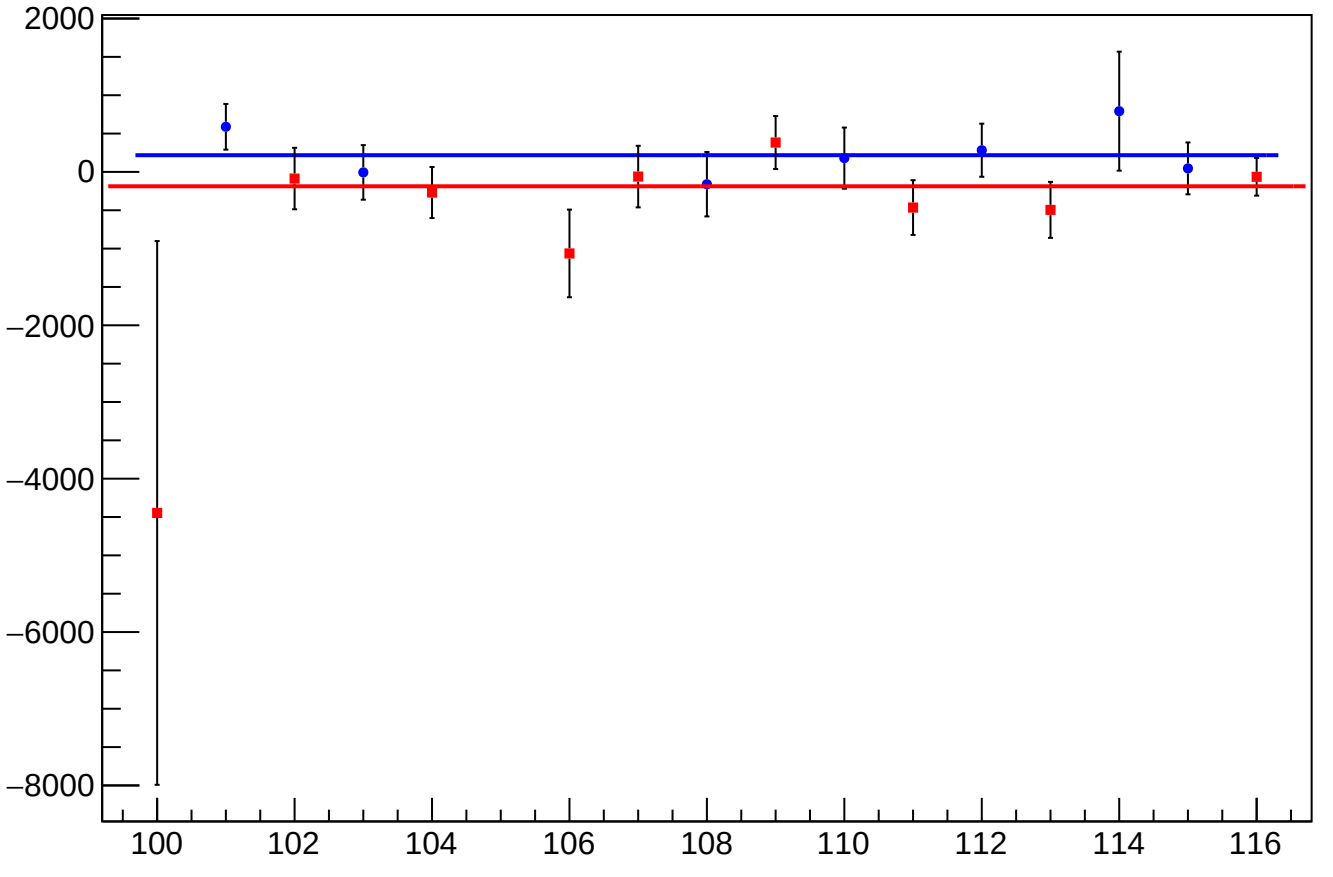
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 104.211+/-0.033 $\chi^2$/NDF: 1542923.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_26_avg_mean vs Slug




Right In: 218.150+/-141.594 $\chi^2$/NDF: 3.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -187.222+/-124.102 $\chi^2$/NDF: 8.3/8

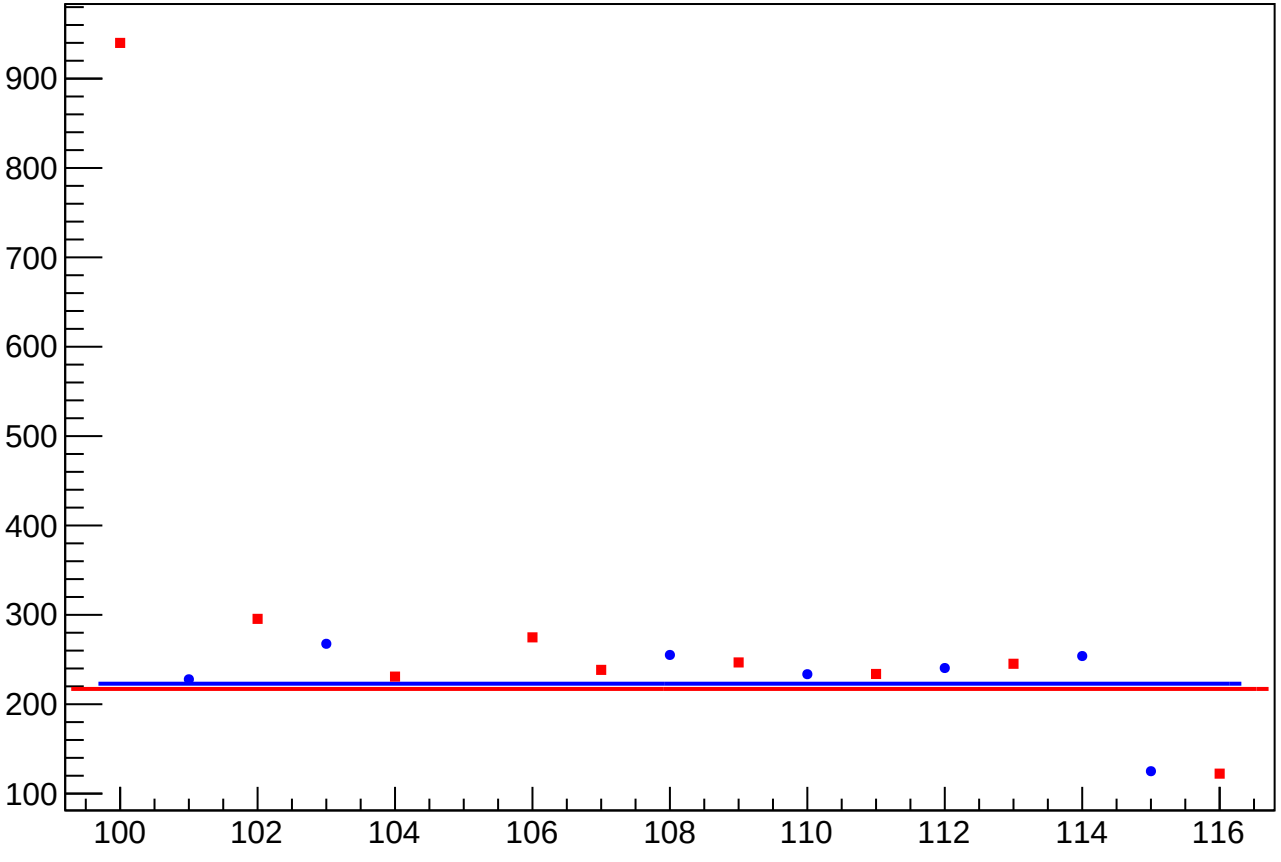
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -11.108+/-93.328 $\chi^2$/NDF: 16.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_26_avg_rms vs Slug




Right In: 222.967+/-0.100 $\chi^2$/NDF: 221147.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 217.115+/-0.088 $\chi^2$/NDF: 517993.3/8

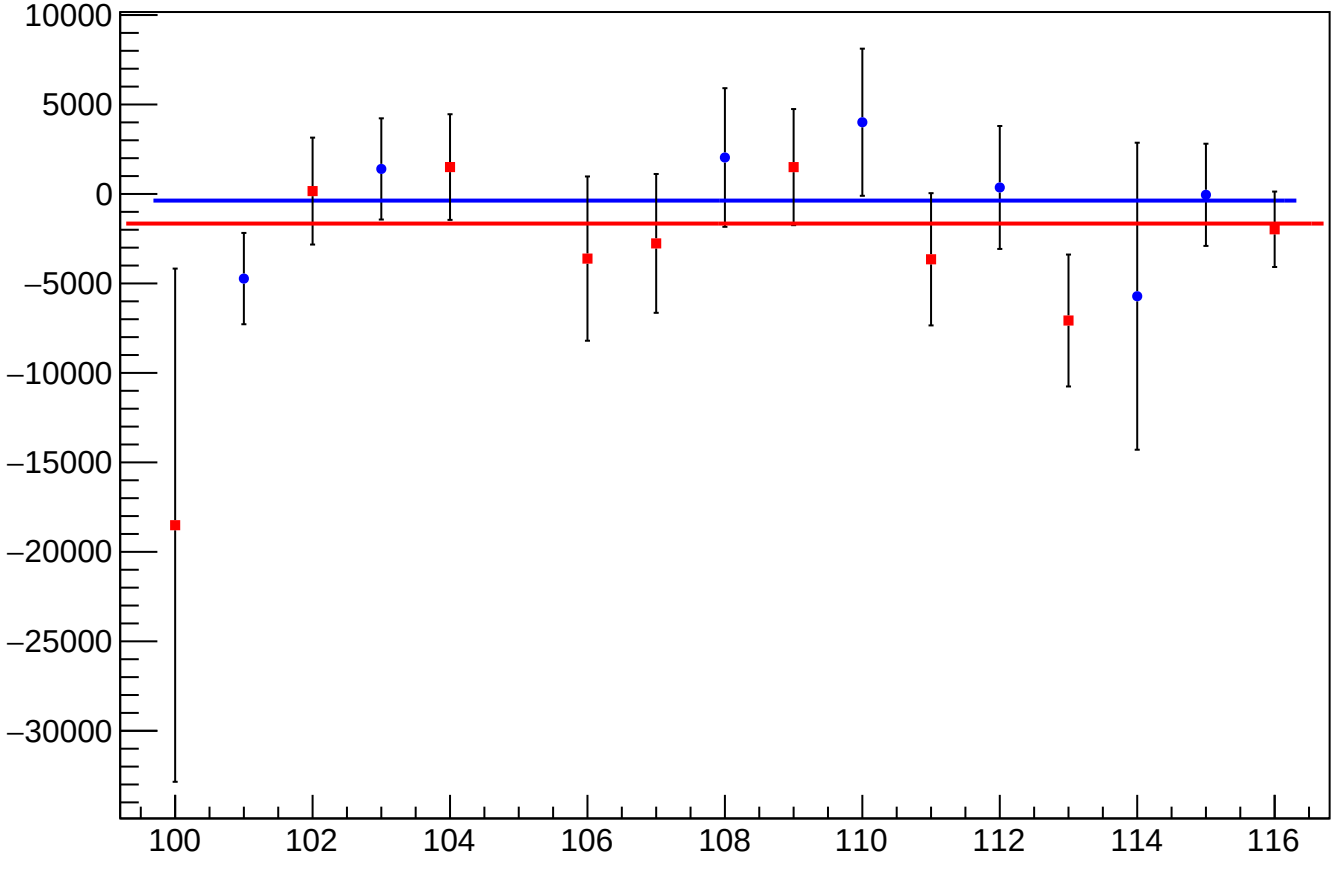
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 219.657+/-0.066 $\chi^2$/NDF: 741073.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_avg_correction_mean vs Slug




Right In: -370.027+/-1264.448 $\chi^2$/NDF: 5.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1654.216+/-1109.464 $\chi^2$/NDF: 6.6/8

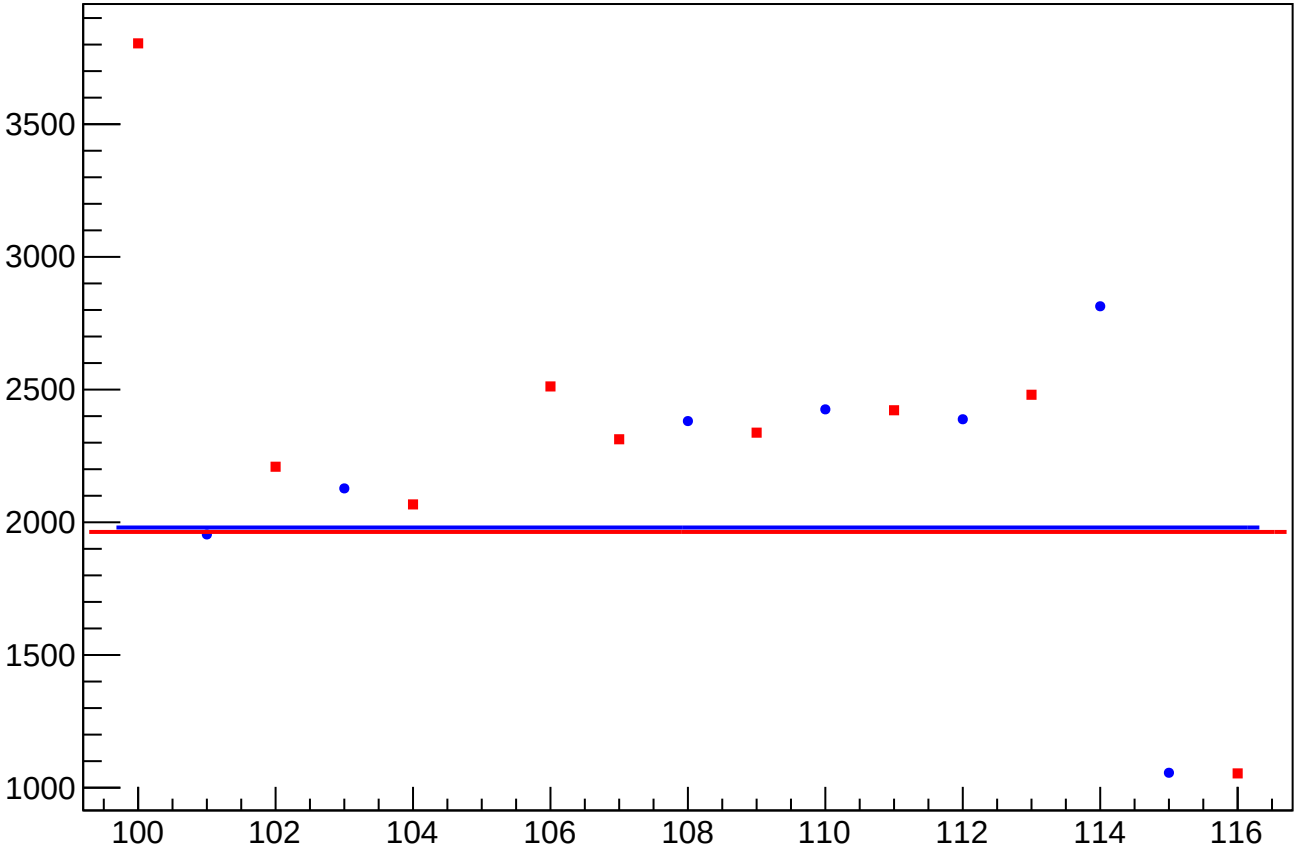
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1095.606+/-833.952 $\chi^2$/NDF: 12.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_avg_correction_rms vs Slug




Right In: 1980.407+/-0.894 $\chi^2$/NDF: 307106.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1963.668+/-0.785 $\chi^2$/NDF: 562979.8/8

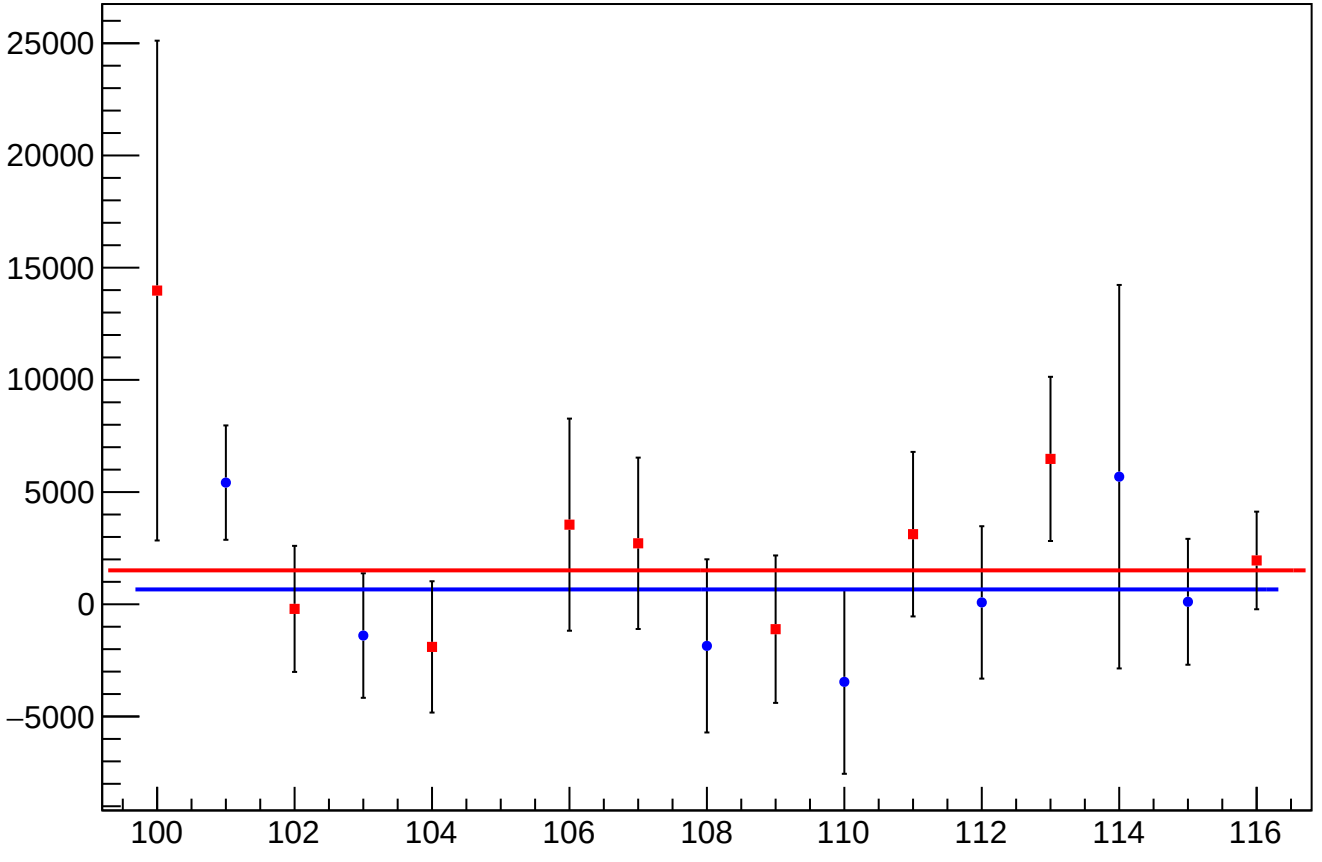
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1970.950+/-0.590 $\chi^2$/NDF: 870284.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_avg_mean vs Slug




Right In: 662.100+/-1251.817 $\chi^2$/NDF: 5.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1511.447+/-1105.526 $\chi^2$/NDF: 6.0/8

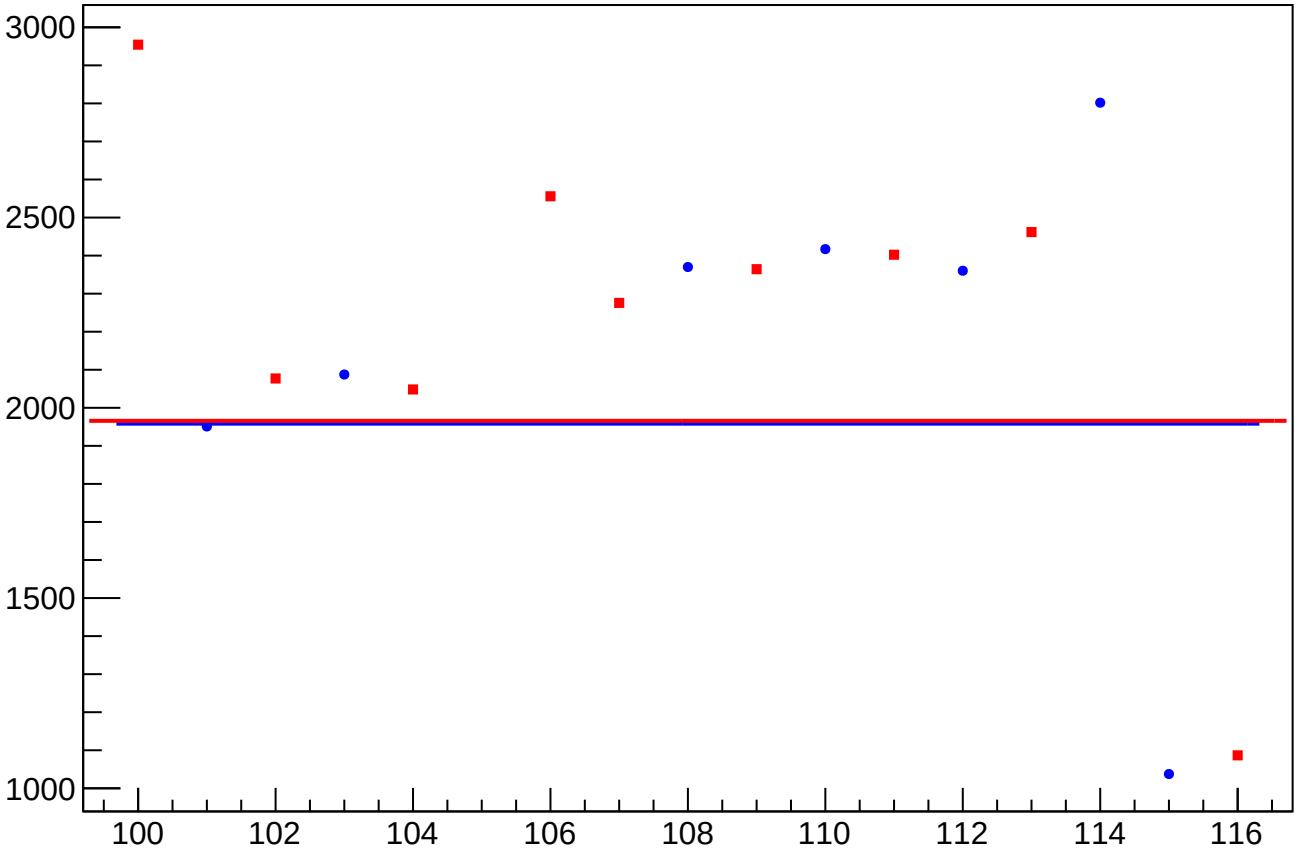
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1139.279+/-828.643 $\chi^2$/NDF: 12.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_avg_rms vs Slug




Right In: 1958.363+/-0.885 $\chi^2$/NDF: 315251.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1965.770+/-0.782 $\chi^2$/NDF: 486257.8/8

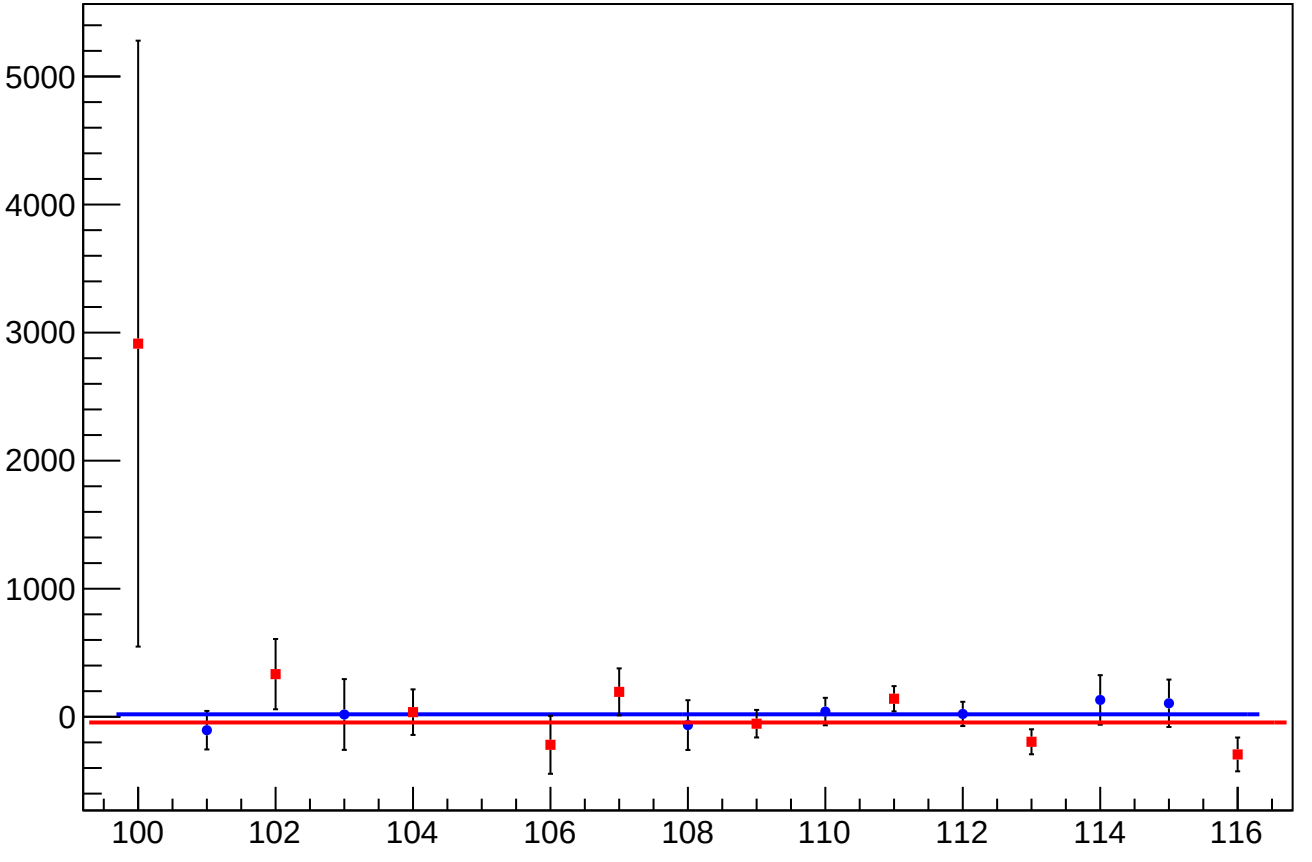
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1962.525+/-0.586 $\chi^2$/NDF: 801548.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_37_avg_mean vs Slug




Right In: 19.294+/-54.389 $\chi^2$/NDF: 1.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -44.488+/-47.346 $\chi^2$/NDF: 15.5/8

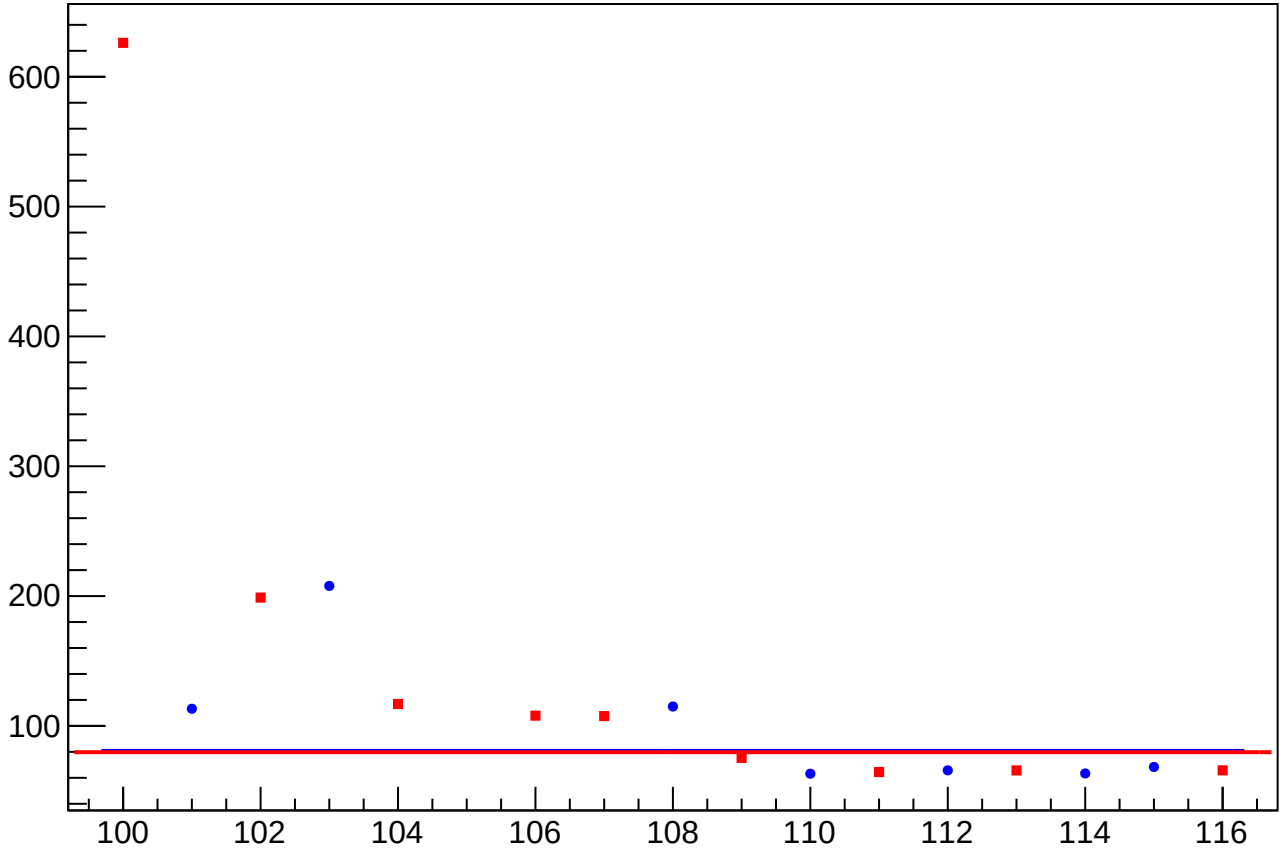
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -16.991+/-35.711 $\chi^2$/NDF: 17.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_37_avg_rms vs Slug




Right In: 80.696+/-0.038 $\chi^2$/NDF: 706450.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 79.738+/-0.033 $\chi^2$/NDF: 762638.5/8

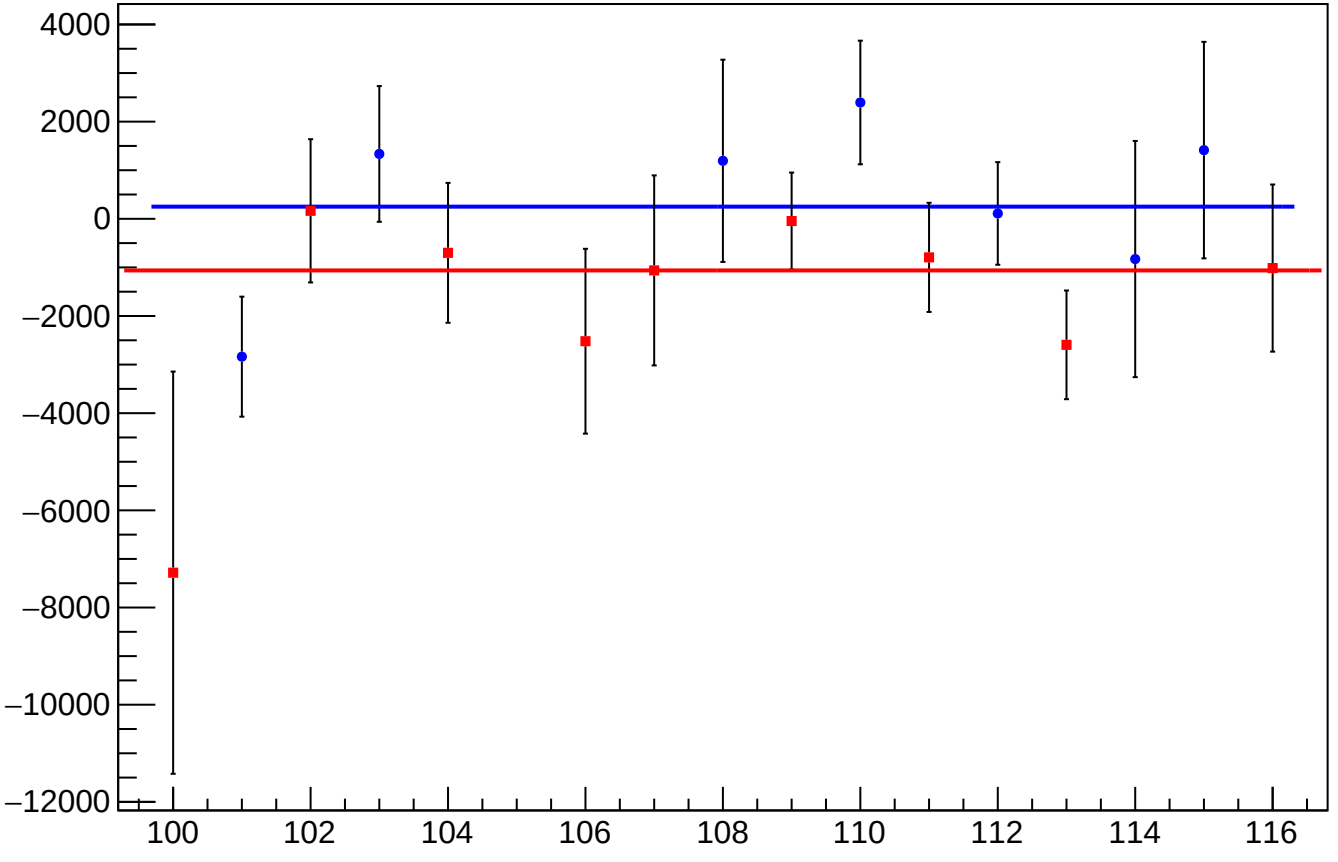
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 80.151+/-0.025 $\chi^2$/NDF: 1469441.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_avg_correction_mean vs Slug




Right In: 250.496+/-551.743 $\chi^2$/NDF: 10.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1062.269+/-472.770 $\chi^2$/NDF: 6.6/8

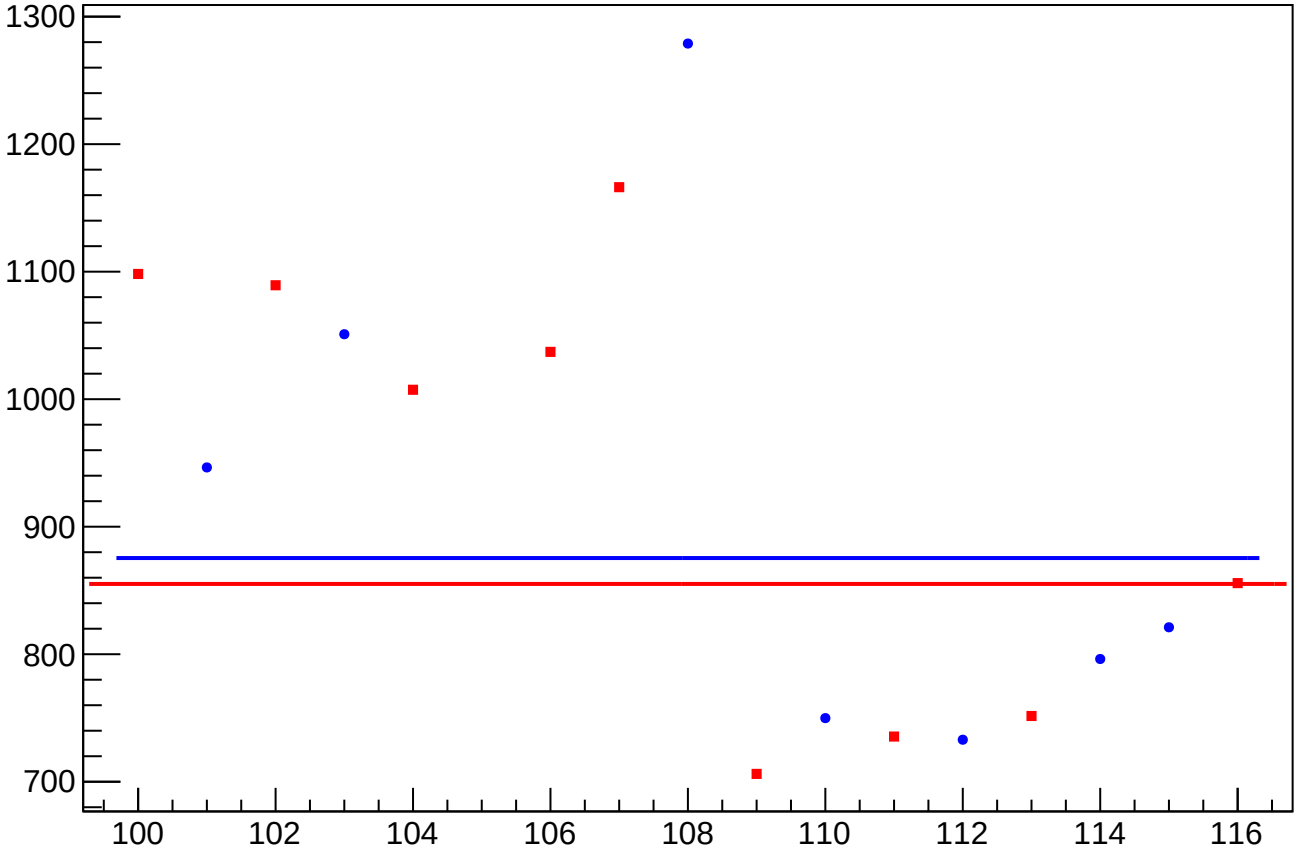
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -506.482+/-359.003 $\chi^2$/NDF: 20.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_avg_correction_rms vs Slug




Right In: 875.423+/-0.390 $\chi^2$/NDF: 172596.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 855.114+/-0.334 $\chi^2$/NDF: 233179.8/8

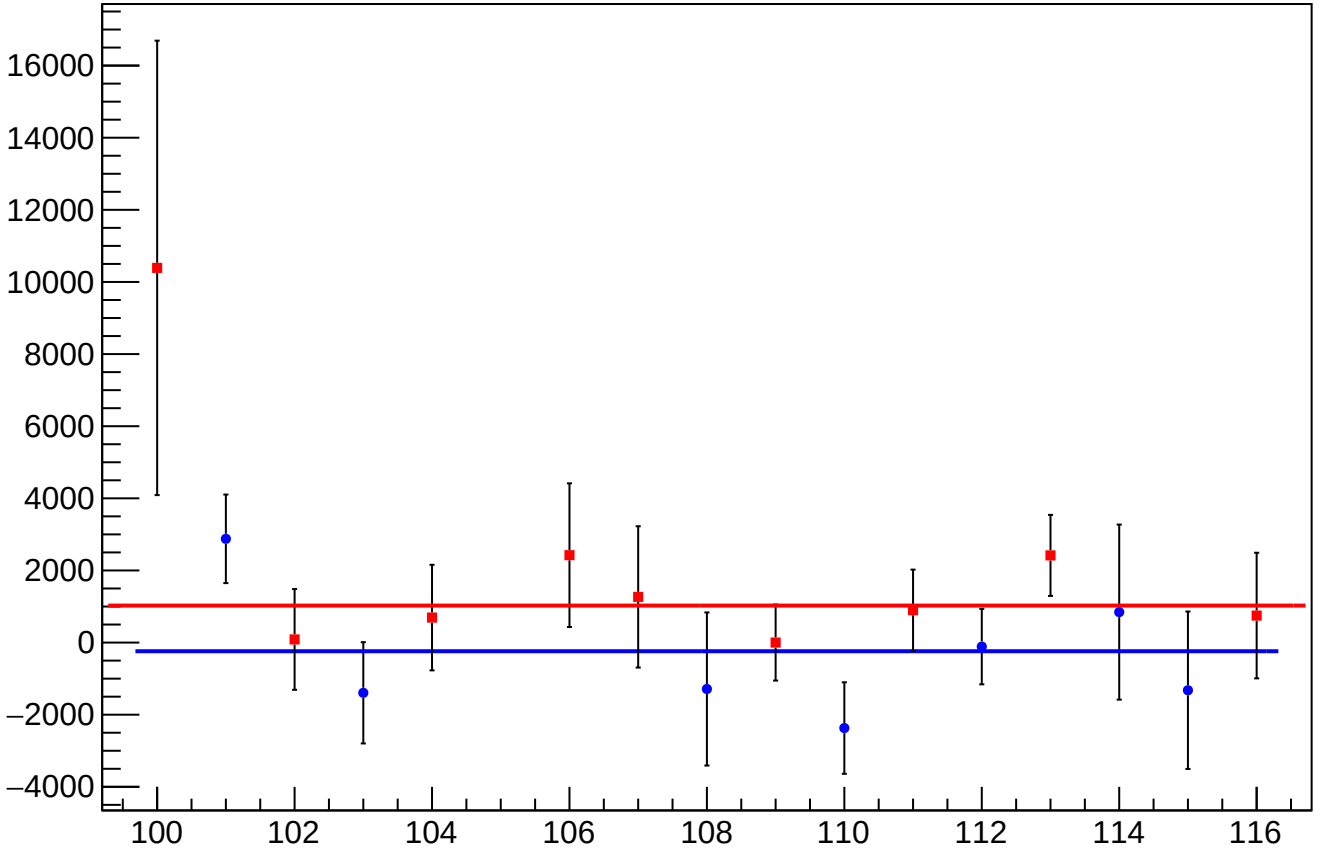
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 863.712+/-0.254 $\chi^2$/NDF: 407339.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_avg_mean vs Slug




Right In: -239.773+/-550.009 $\chi^2$/NDF: 10.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1026.010+/-480.690 $\chi^2$/NDF: 5.7/8

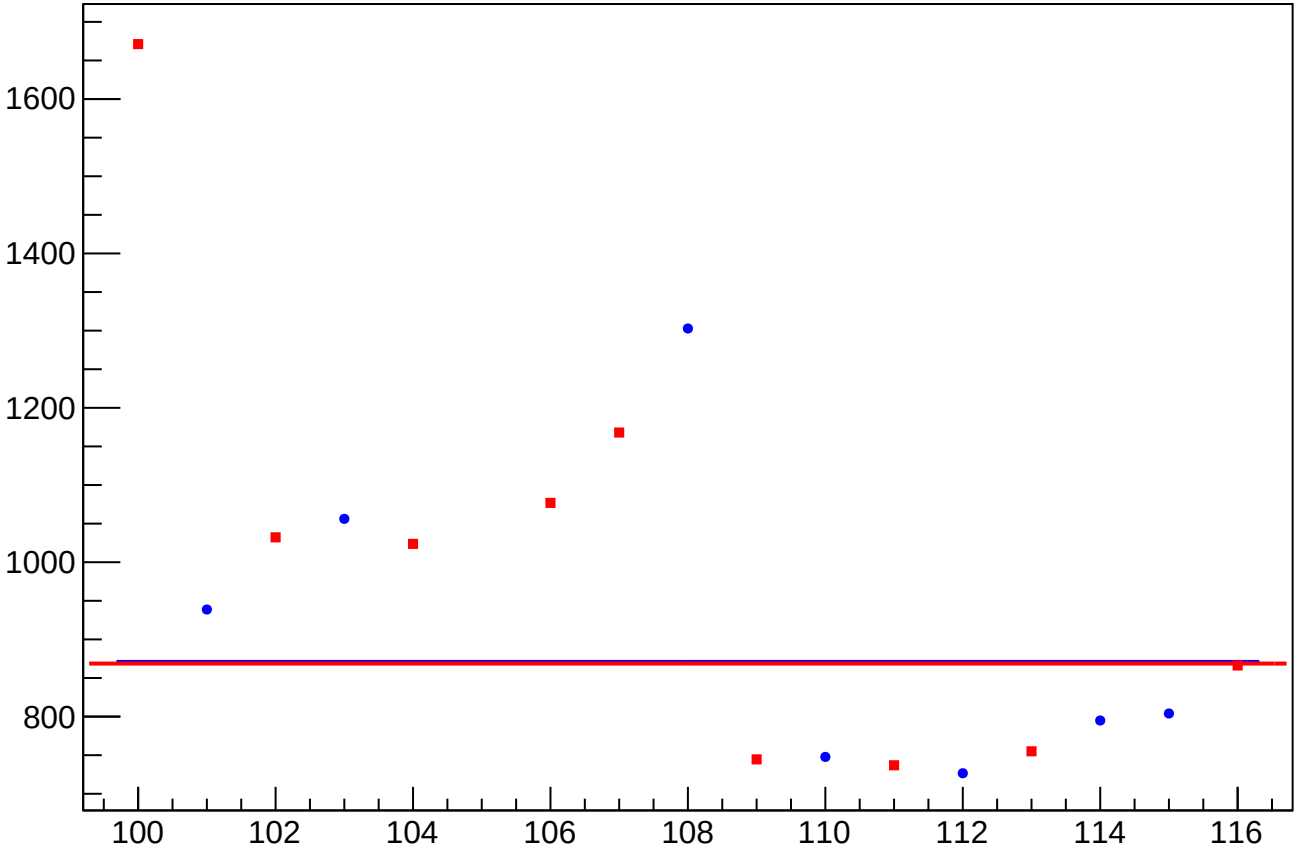
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 477.866+/-361.941 $\chi^2$/NDF: 19.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_avg_rms vs Slug




Right In: 870.835+/-0.389 $\chi^2$/NDF: 184360.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 868.716+/-0.340 $\chi^2$/NDF: 226379.0/8

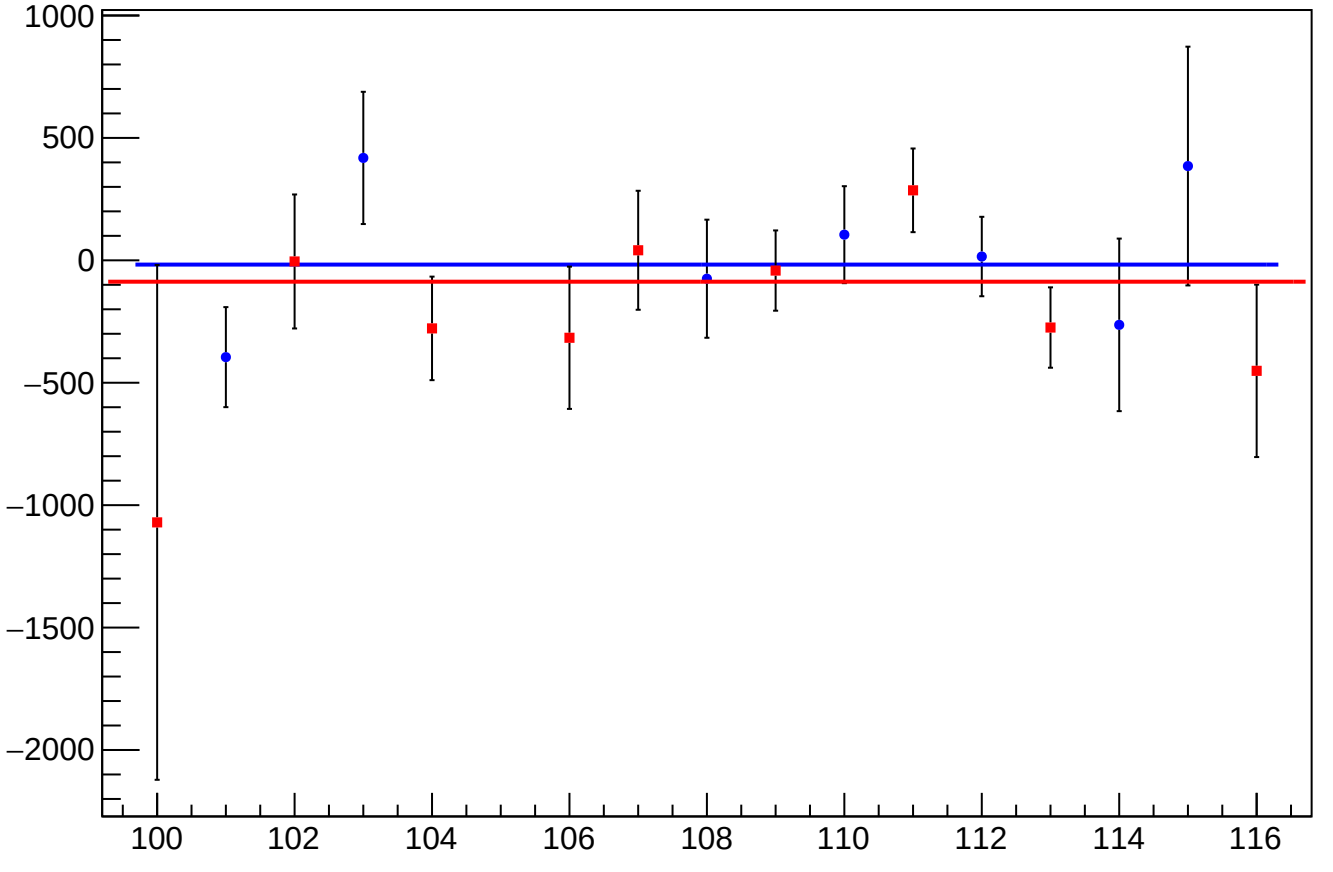
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 869.634+/-0.256 $\chi^2$/NDF: 410756.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_48_avg_mean vs Slug




Right In: -17.393+/-87.500 $\chi^2$/NDF: 7.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -87.277+/-74.115 $\chi^2$/NDF: 9.9/8

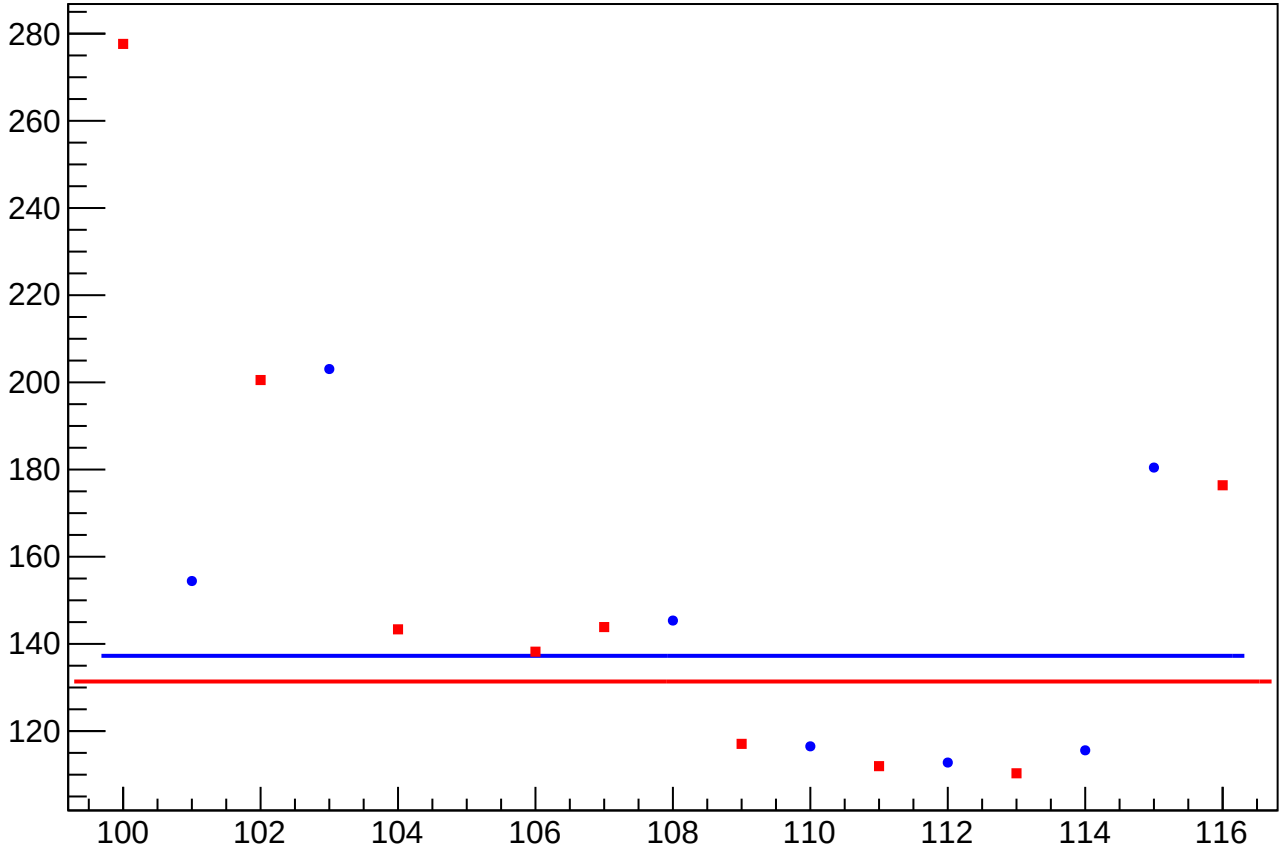
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -58.084+/-56.554 $\chi^2$/NDF: 17.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_48_avg_rms vs Slug




Right In: 137.265+/-0.062 $\chi^2$/NDF: 225865.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 131.375+/-0.052 $\chi^2$/NDF: 285893.2/8

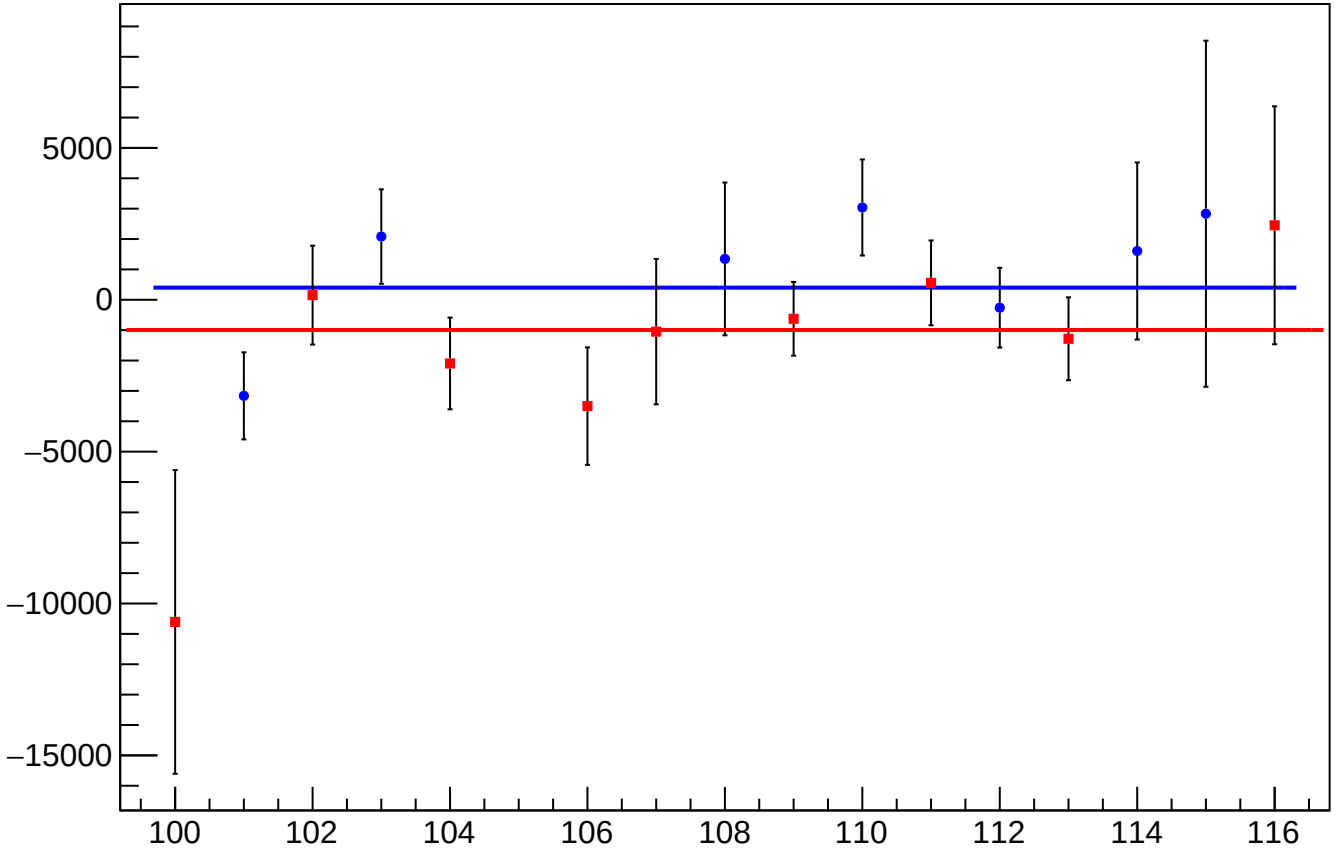
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 133.836+/-0.040 $\chi^2$/NDF: 517034.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_avg_correction_mean vs Slug




Right In: 400.408+/-676.384 $\chi^2$/NDF: 10.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -994.254+/-568.752 $\chi^2$/NDF: 8.6/8

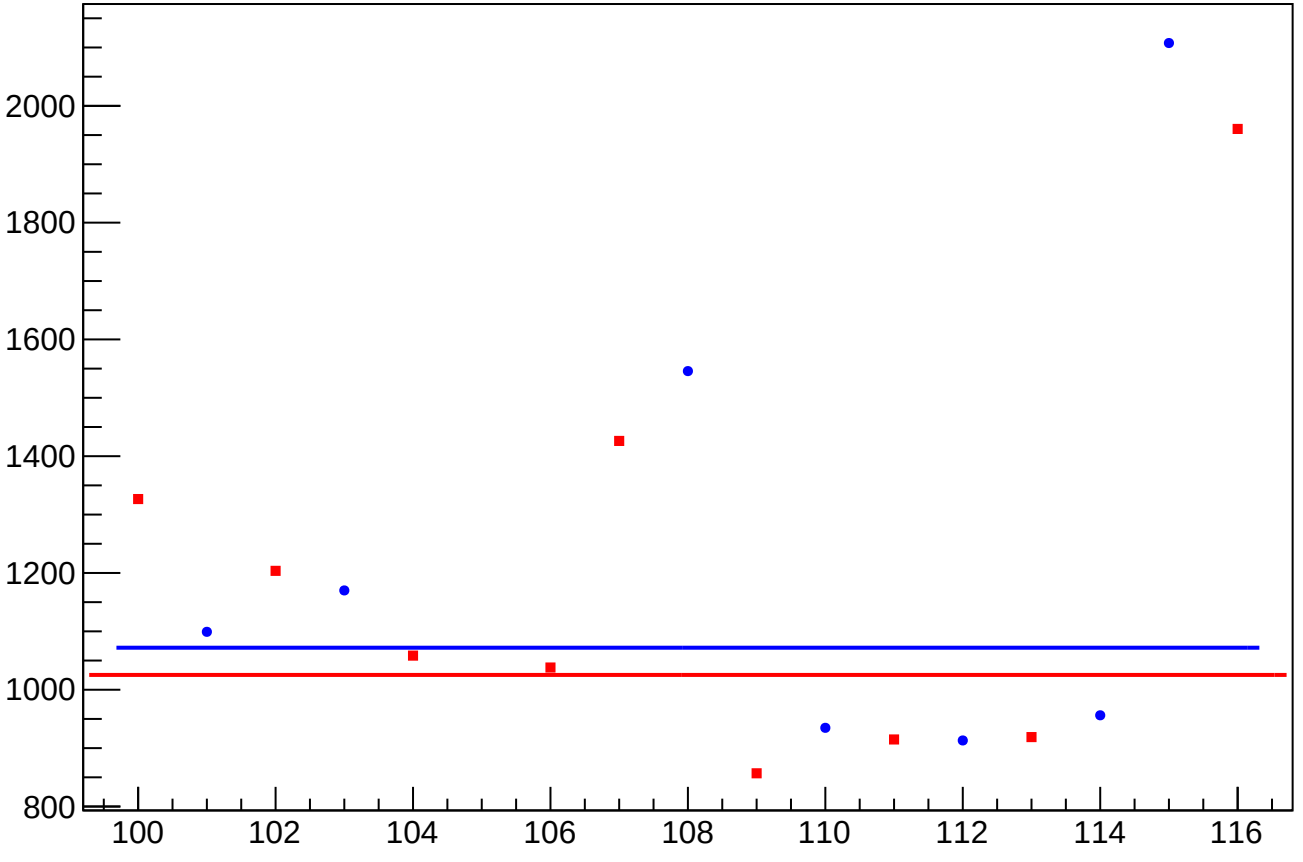
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -416.587+/-435.309 $\chi^2$/NDF: 21.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_avg_correction_rms vs Slug




Right In: 1071.990+/-0.478 $\chi^2$/NDF: 193168.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1025.374+/-0.402 $\chi^2$/NDF: 265603.5/8

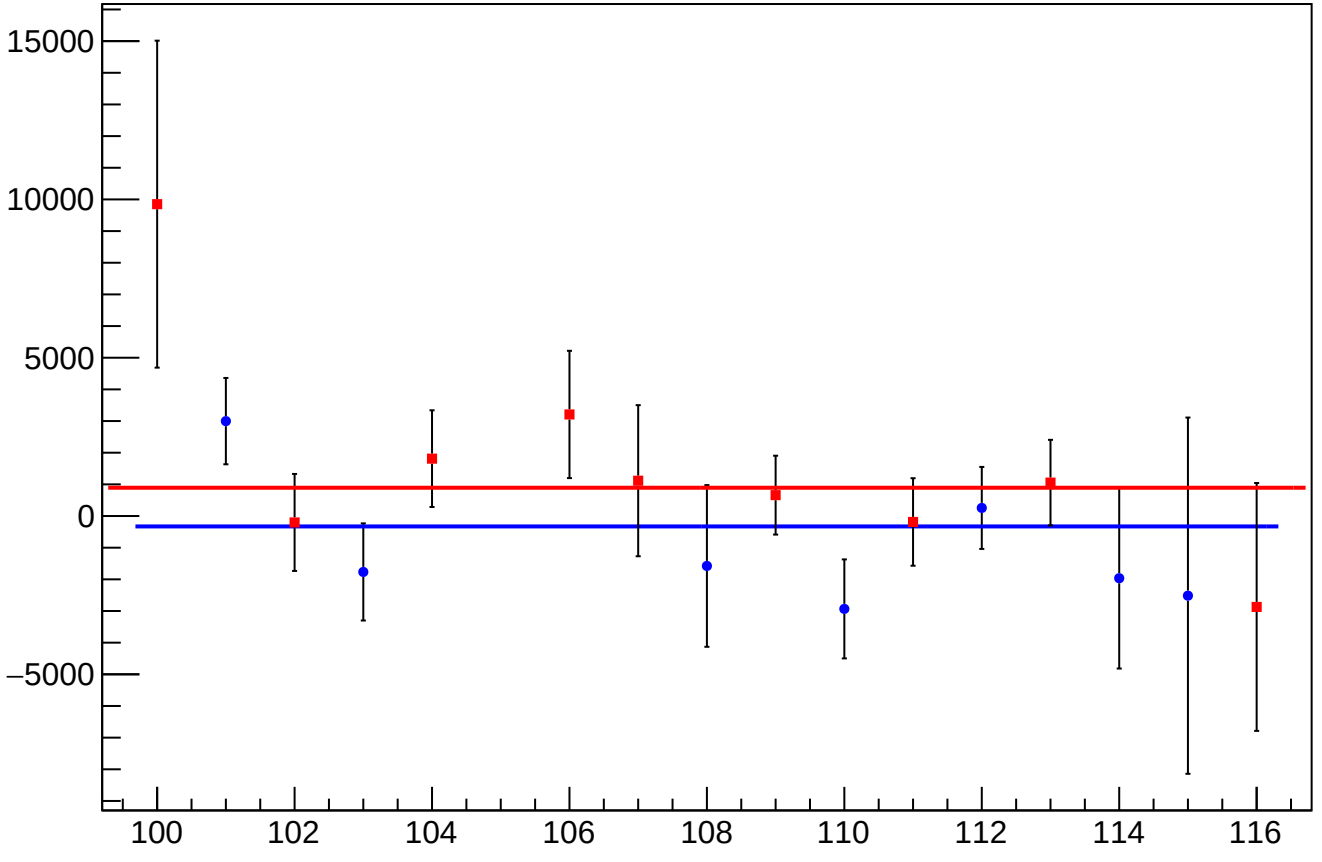
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1044.682+/-0.308 $\chi^2$/NDF: 464336.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_avg_mean vs Slug




Right In: -328.826+/-662.822 $\chi^2$/NDF: 10.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 893.314+/-568.325 $\chi^2$/NDF: 6.8/8

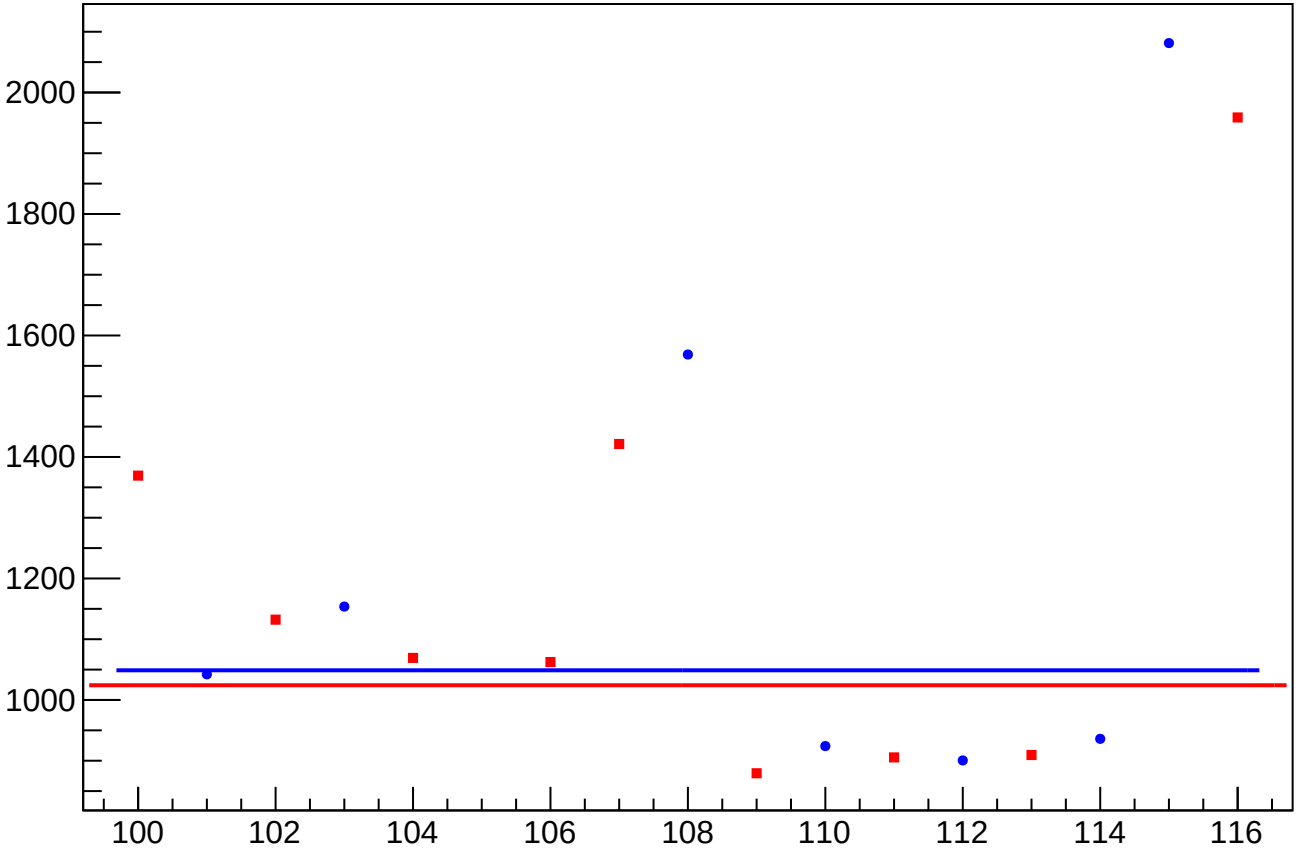
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 375.501+/-431.443 $\chi^2$/NDF: 19.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_avg_rms vs Slug




Right In: 1048.837+/-0.469 $\chi^2$/NDF: 201729.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1024.227+/-0.402 $\chi^2$/NDF: 246991.1/8

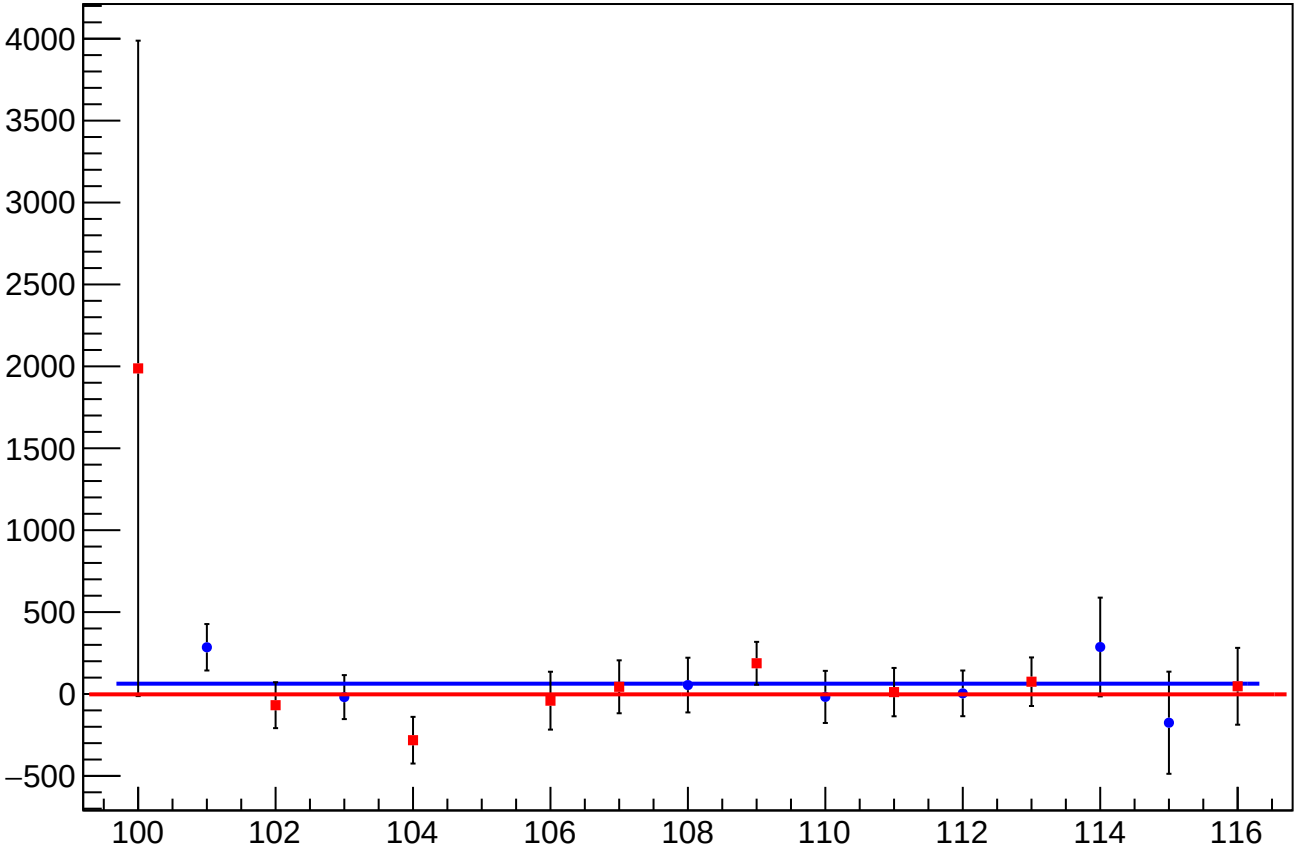
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1034.654+/-0.305 $\chi^2$/NDF: 450309.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_dd_mean vs Slug




Right In: 63.009+/-62.824 $\chi^2$/NDF: 4.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2.098+/-54.312 $\chi^2$/NDF: 7.6/8

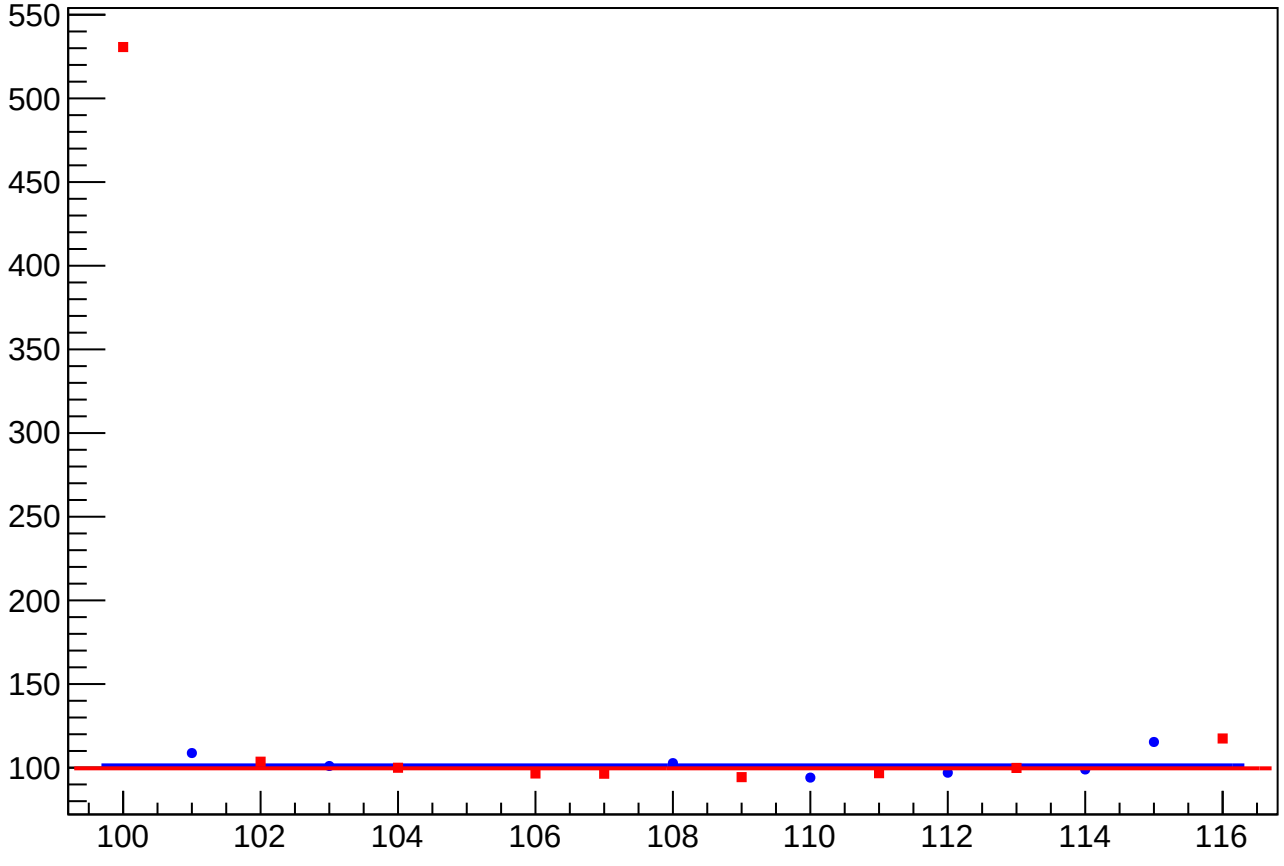
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 25.749+/-41.087 $\chi^2$/NDF: 12.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_dd_rms vs Slug




Right In: 101.386+/-0.044 $\chi^2$/NDF: 15910.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

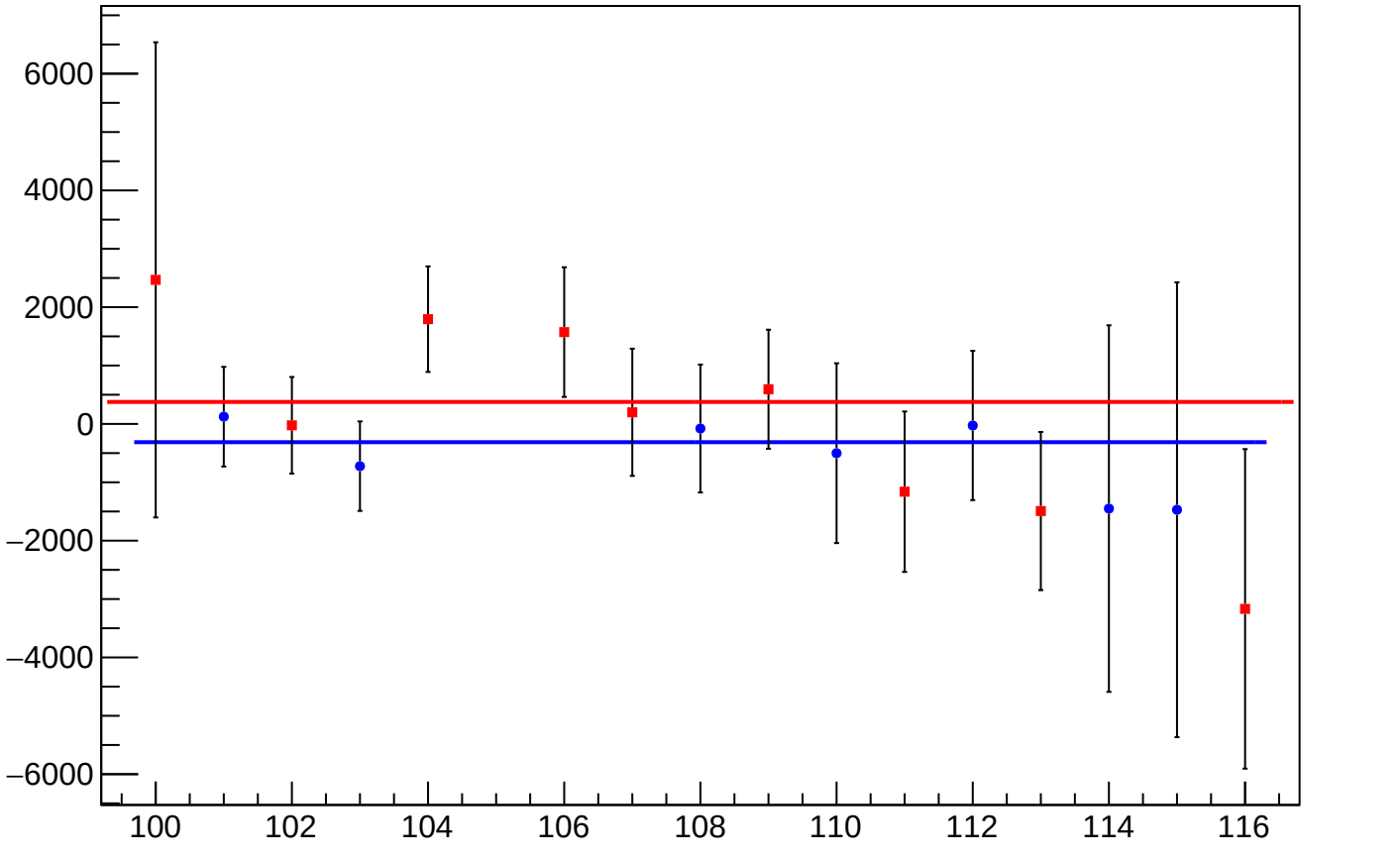
Right Out: 99.627+/-0.038 $\chi^2$/NDF: 111474.4/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 100.379+/-0.029 $\chi^2$/NDF: 128282.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -313.008+/-442.441 $\chi^2$/NDF: 0.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 376.531+/-390.199 $\chi^2$/NDF: 9.0/8

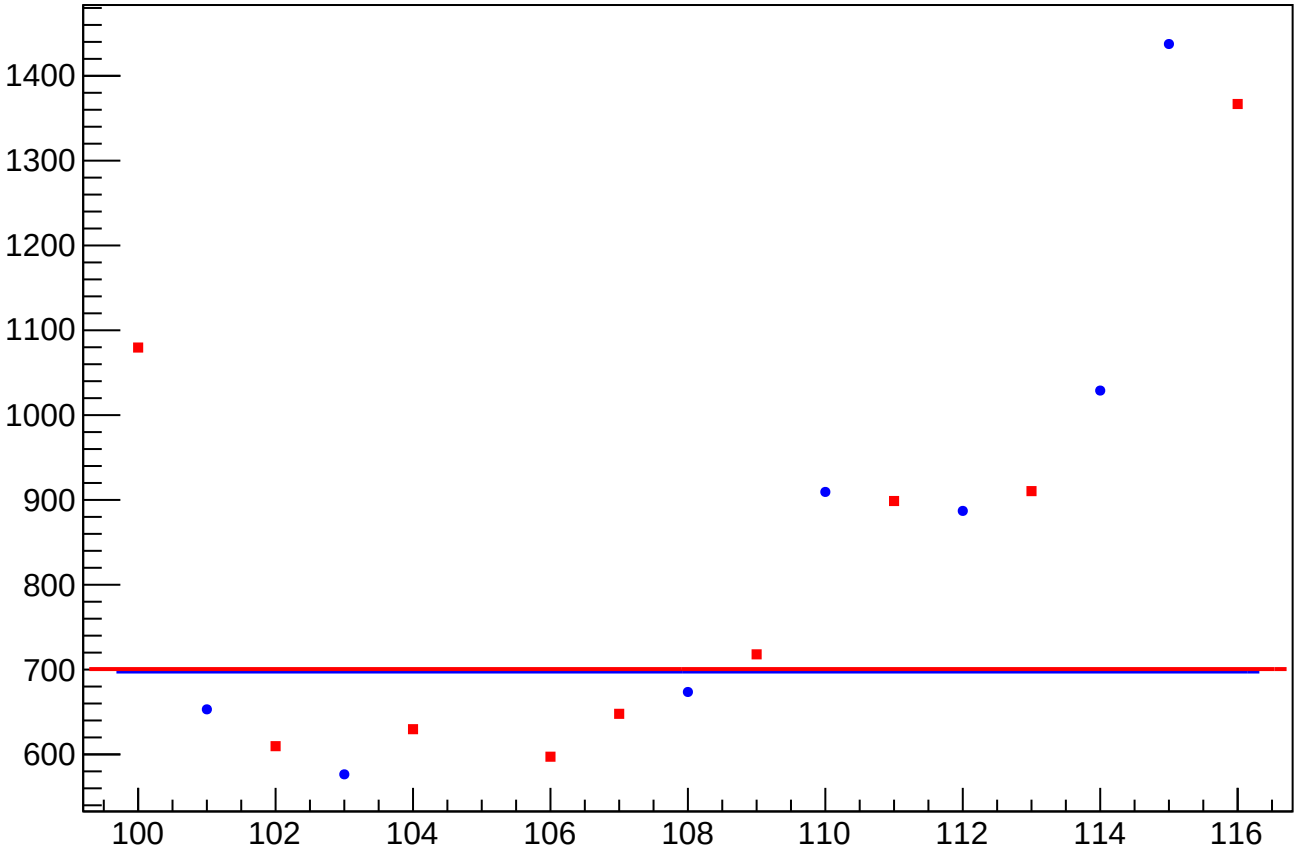
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 74.855+/-292.648 $\chi^2$/NDF: 11.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_dd_correction_rms vs Slug




Right In: 697.694+/-0.313 $\chi^2$/NDF: 232508.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 700.597+/-0.276 $\chi^2$/NDF: 284395.9/8

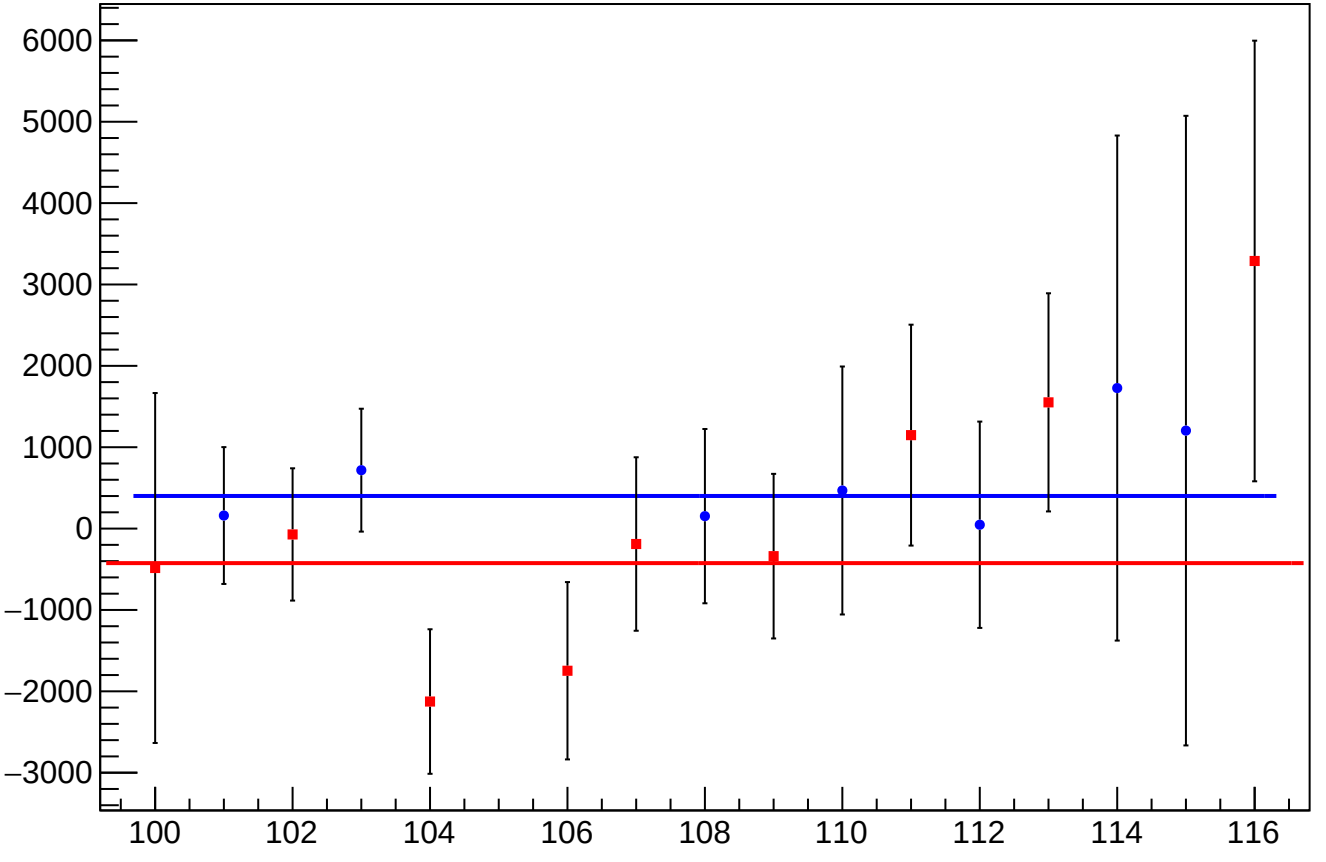
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 699.327+/-0.207 $\chi^2$/NDF: 516952.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_dd_mean vs Slug




Right In: 400.858+/-435.892 $\chi^2$/NDF: 0.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -424.415+/-379.809 $\chi^2$/NDF: 10.8/8

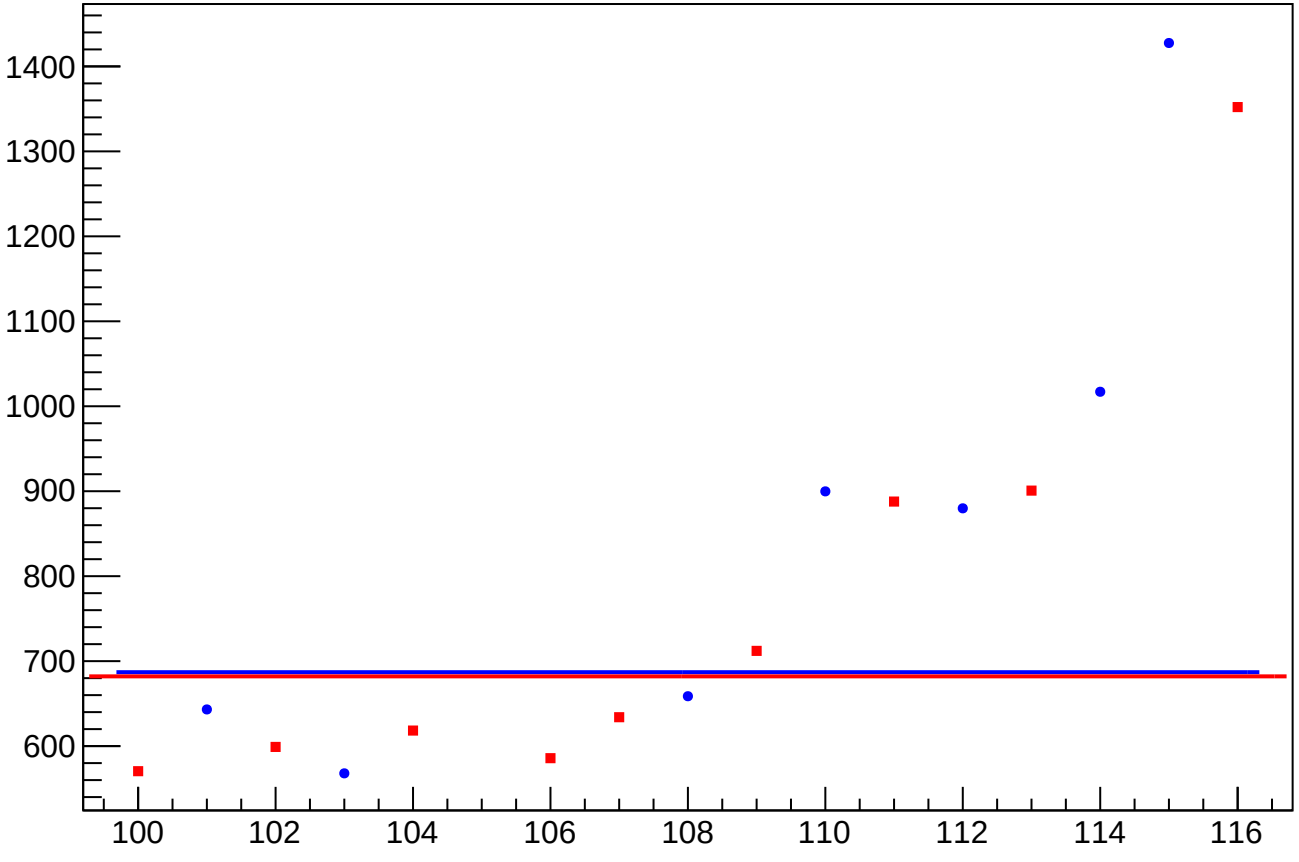
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -68.252+/-286.355 $\chi^2$/NDF: 13.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_dd_rms vs Slug




Right In: 686.987+/-0.308 $\chi^2$/NDF: 237747.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

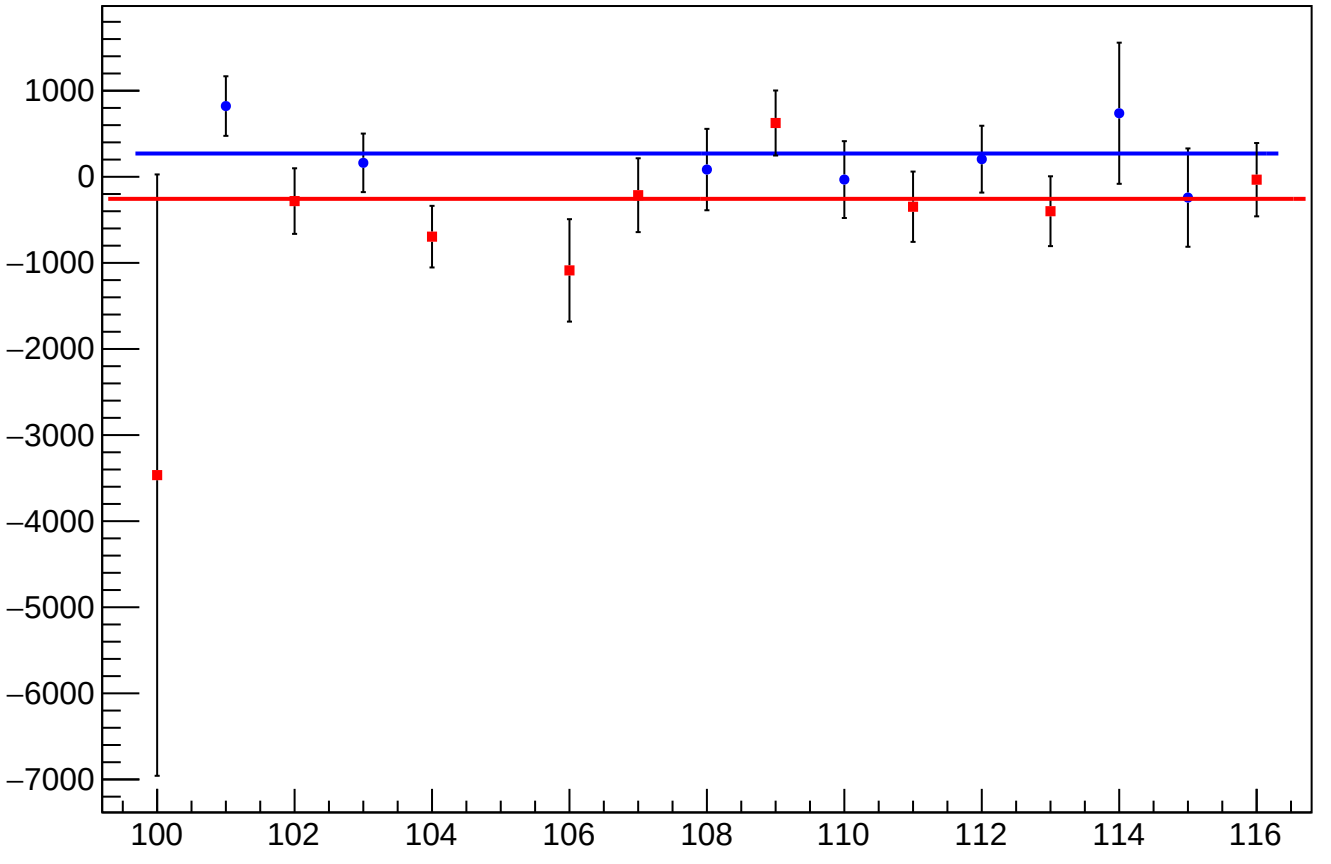
Right Out: 682.083+/-0.269 $\chi^2$/NDF: 279645.5/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 684.200+/-0.202 $\chi^2$/NDF: 517536.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 270.457+/-162.897 $\chi^2$/NDF: 4.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -256.155+/-144.864 $\chi^2$/NDF: 10.2/8

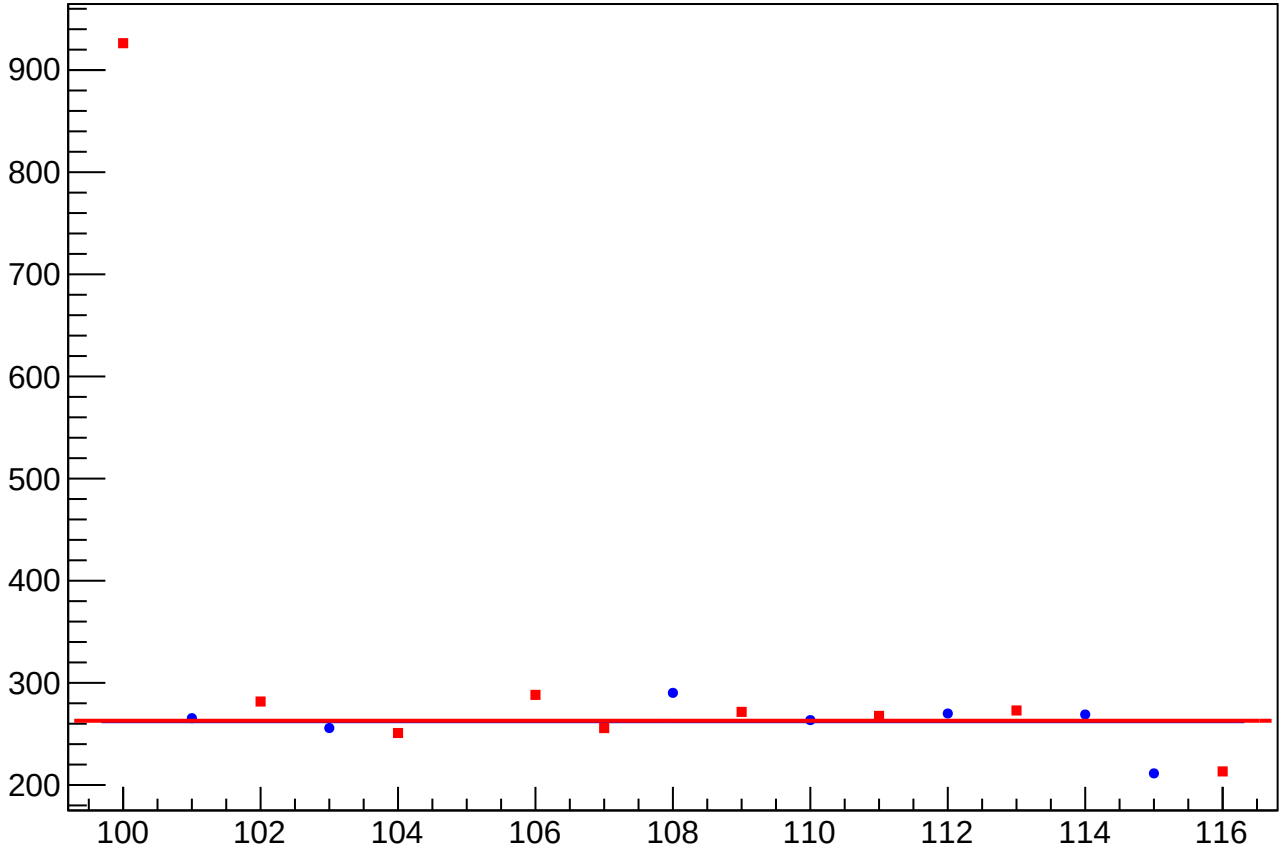
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -23.600+/-108.251 $\chi^2$/NDF: 20.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_26_dd_rms vs Slug




Right In: 262.453+/-0.115 $\chi^2$/NDF: 24716.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 262.904+/-0.102 $\chi^2$/NDF: 113185.2/8

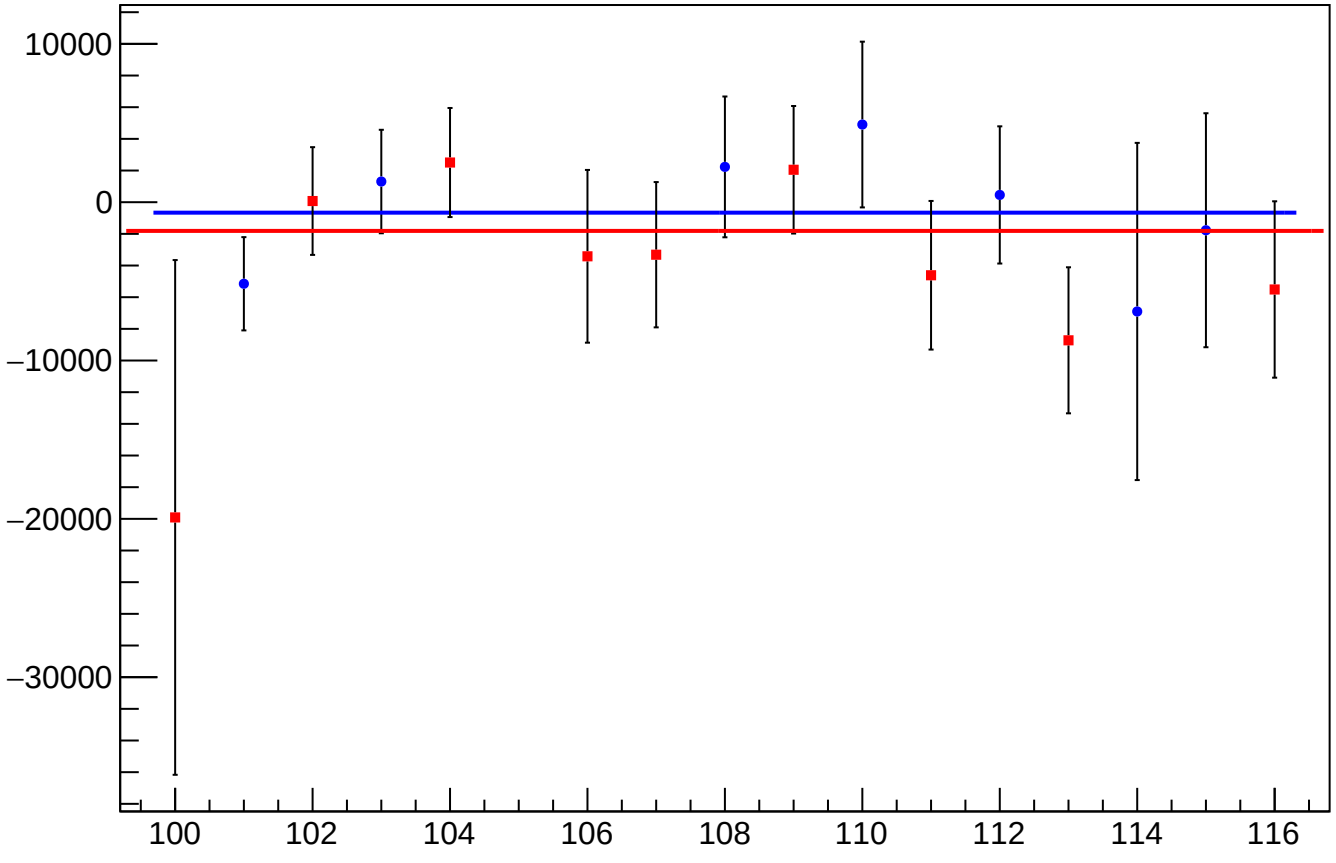
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 262.705+/-0.077 $\chi^2$/NDF: 137910.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_dd_correction_mean vs Slug




Right In: -660.995+/-1629.929 $\chi^2$/NDF: 4.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1813.235+/-1504.414 $\chi^2$/NDF: 7.3/8

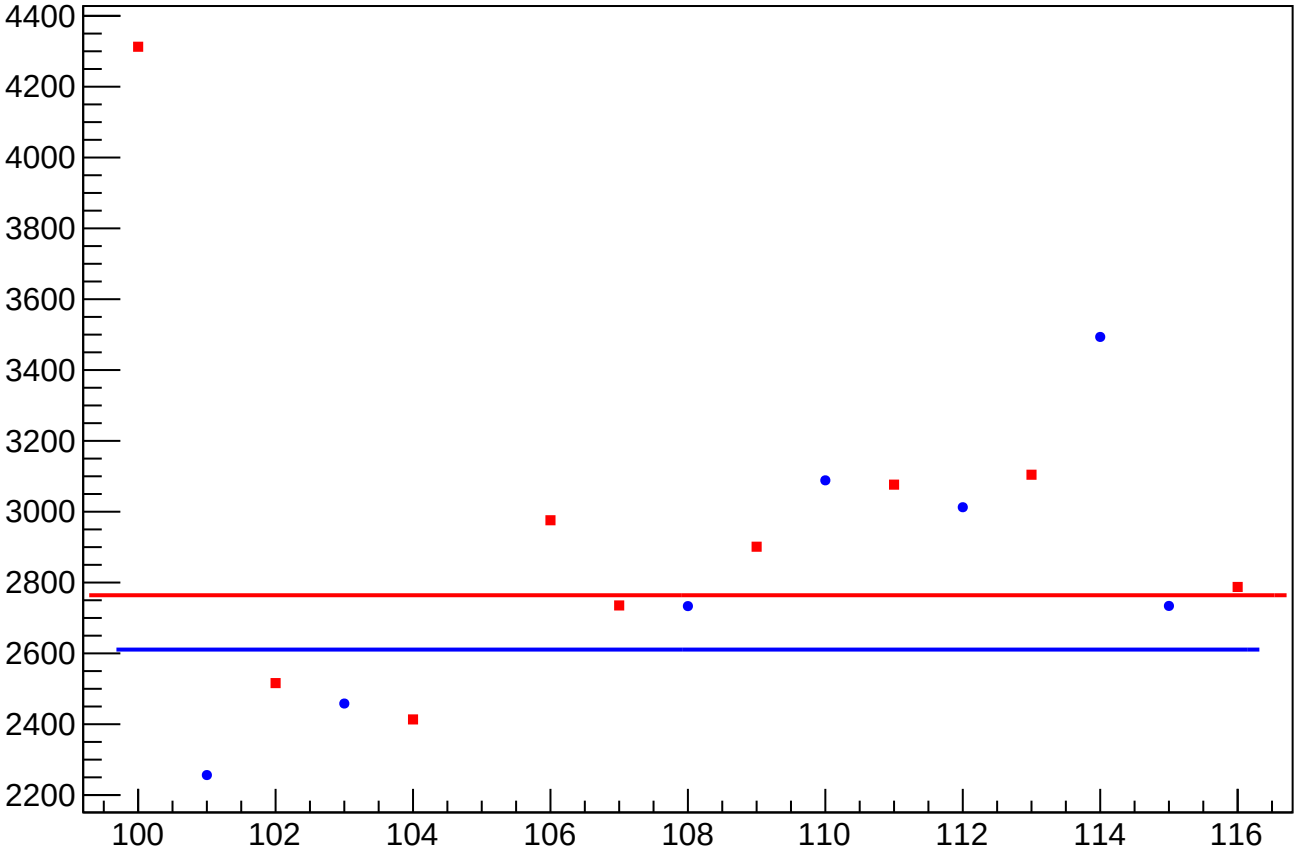
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1283.182+/-1105.495 $\chi^2$/NDF: 12.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_dd_correction_rms vs Slug




Right In: 2610.730+/-1.153 $\chi^2$/NDF: 82992.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2764.150+/-1.064 $\chi^2$/NDF: 74688.7/8

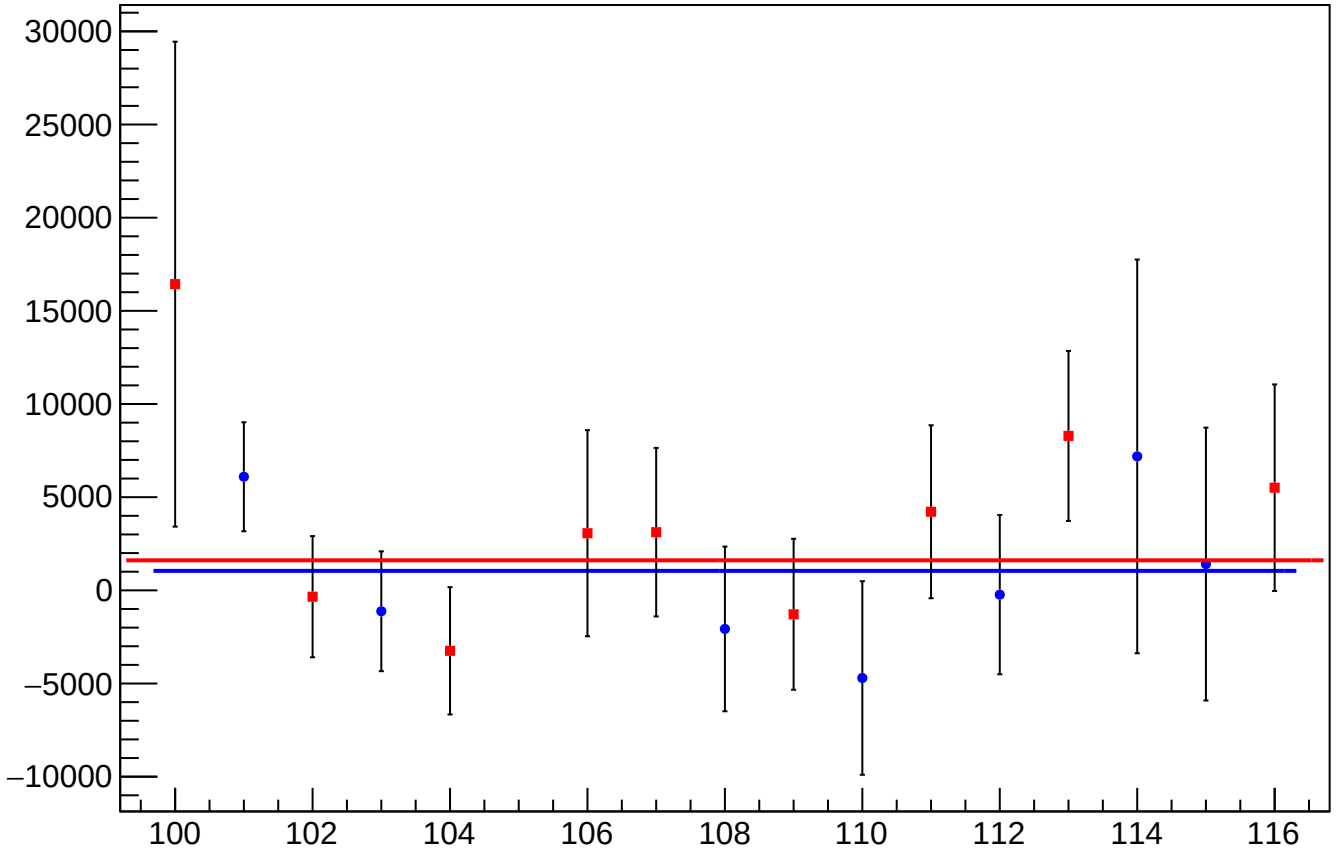
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2693.574+/-0.782 $\chi^2$/NDF: 167249.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_dd_mean vs Slug




Right In: 1045.770+/-1613.209 $\chi^2$/NDF: 5.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1612.356+/-1481.443 $\chi^2$/NDF: 7.3/8

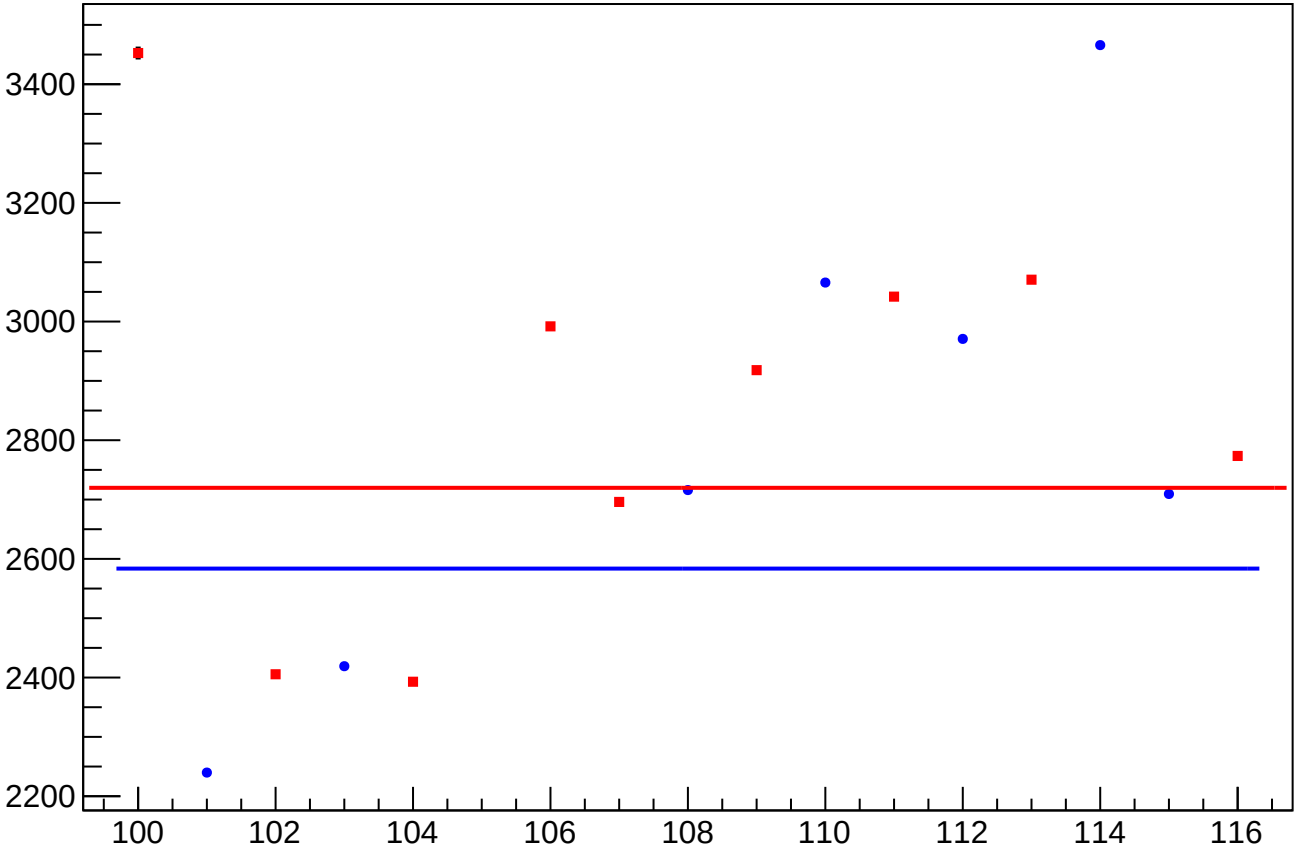
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1353.144+/-1091.152 $\chi^2$/NDF: 13.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_dd_rms vs Slug




Right In: 2583.642+/-1.141 $\chi^2$/NDF: 82842.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2719.765+/-1.048 $\chi^2$/NDF: 74661.0/8

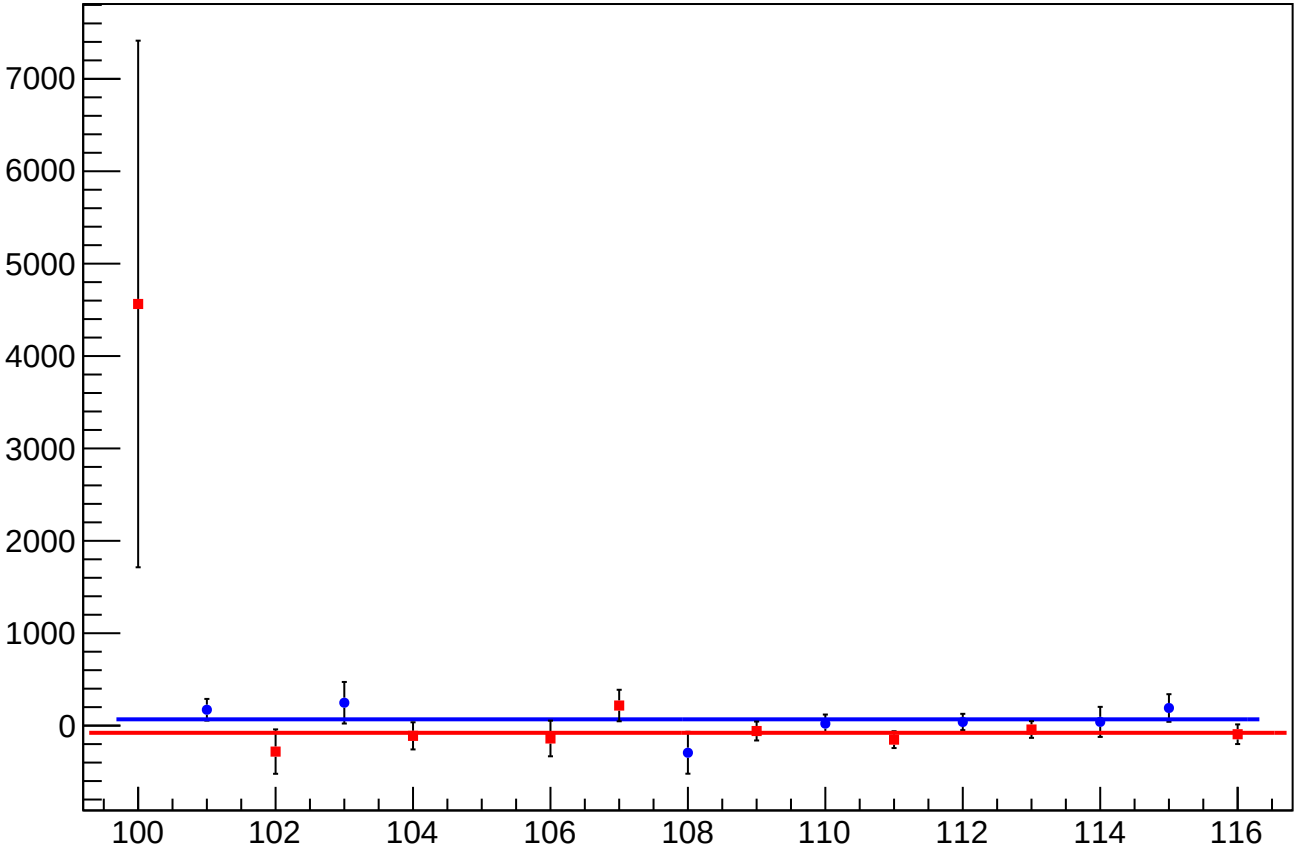
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2657.489+/-0.772 $\chi^2$/NDF: 165228.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_37_dd_mean vs Slug




Right In: 68.128+/-48.443 $\chi^2$/NDF: 5.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -77.852+/-42.533 $\chi^2$/NDF: 7.4/8

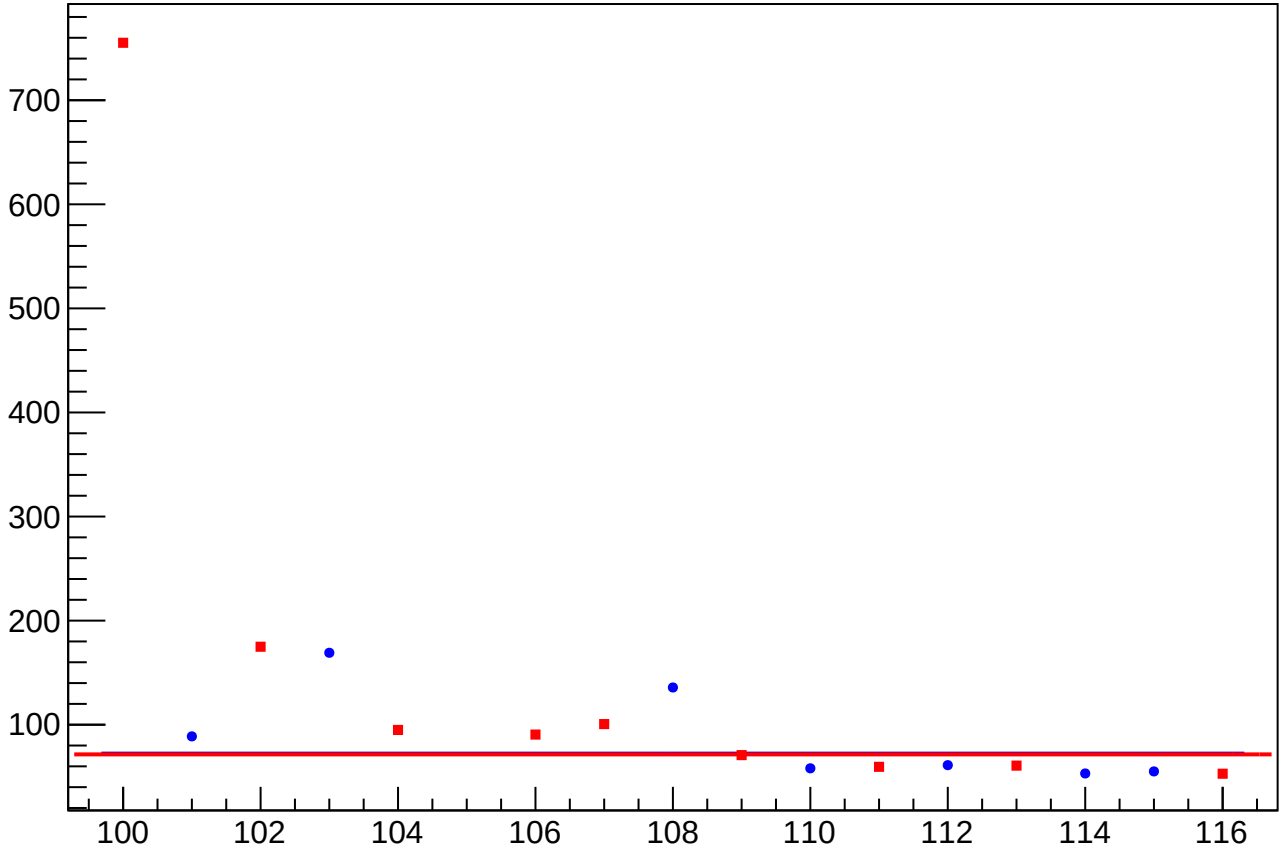
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -14.305+/-31.962 $\chi^2$/NDF: 17.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_37_dd_rms vs Slug




Right In: 72.200+/-0.034 $\chi^2$/NDF: 694265.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 71.487+/-0.030 $\chi^2$/NDF: 738984.1/8

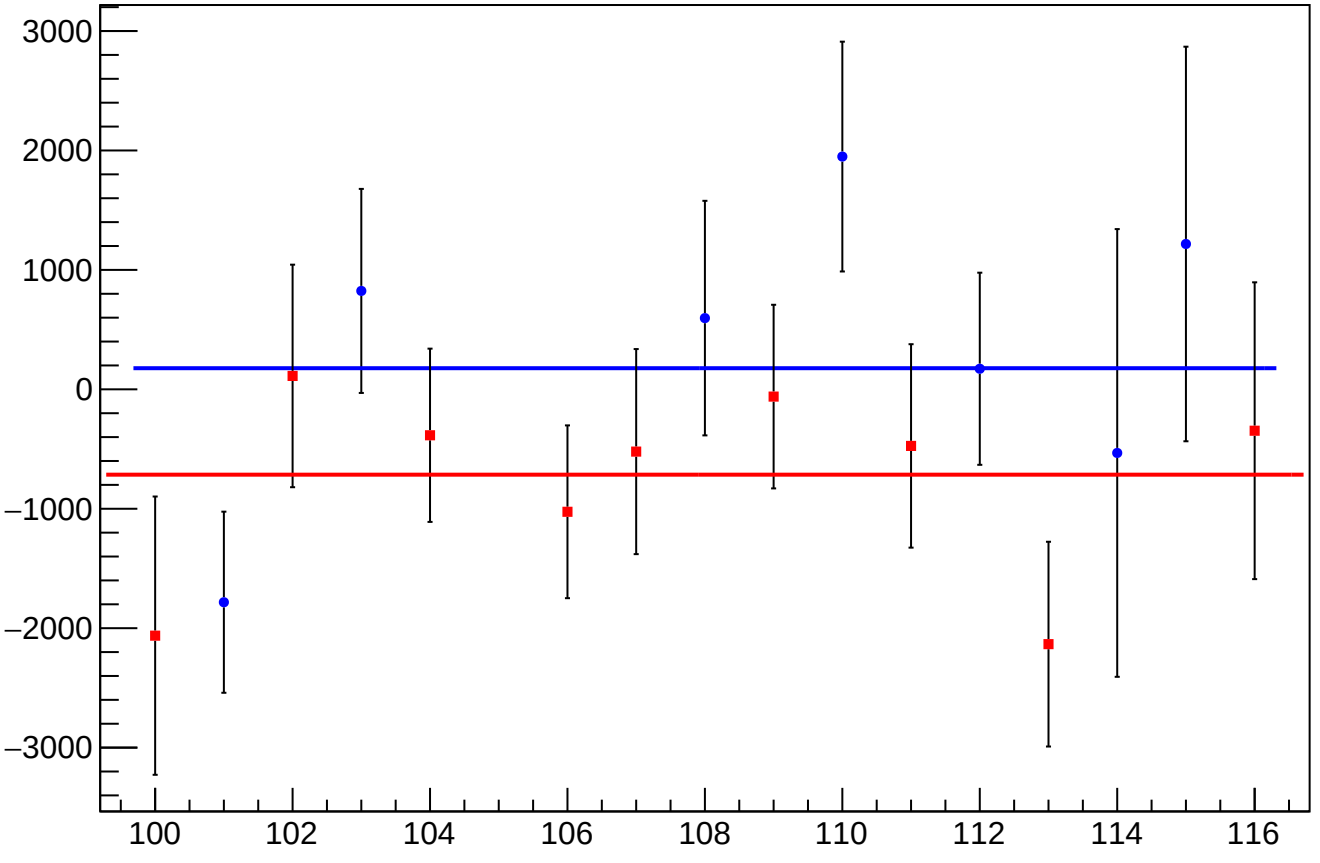
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 71.797+/-0.023 $\chi^2$/NDF: 1433494.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_dd_correction_mean vs Slug




Right In: 176.900+/-367.018 $\chi^2$/NDF: 11.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -714.588+/-287.056 $\chi^2$/NDF: 6.2/8

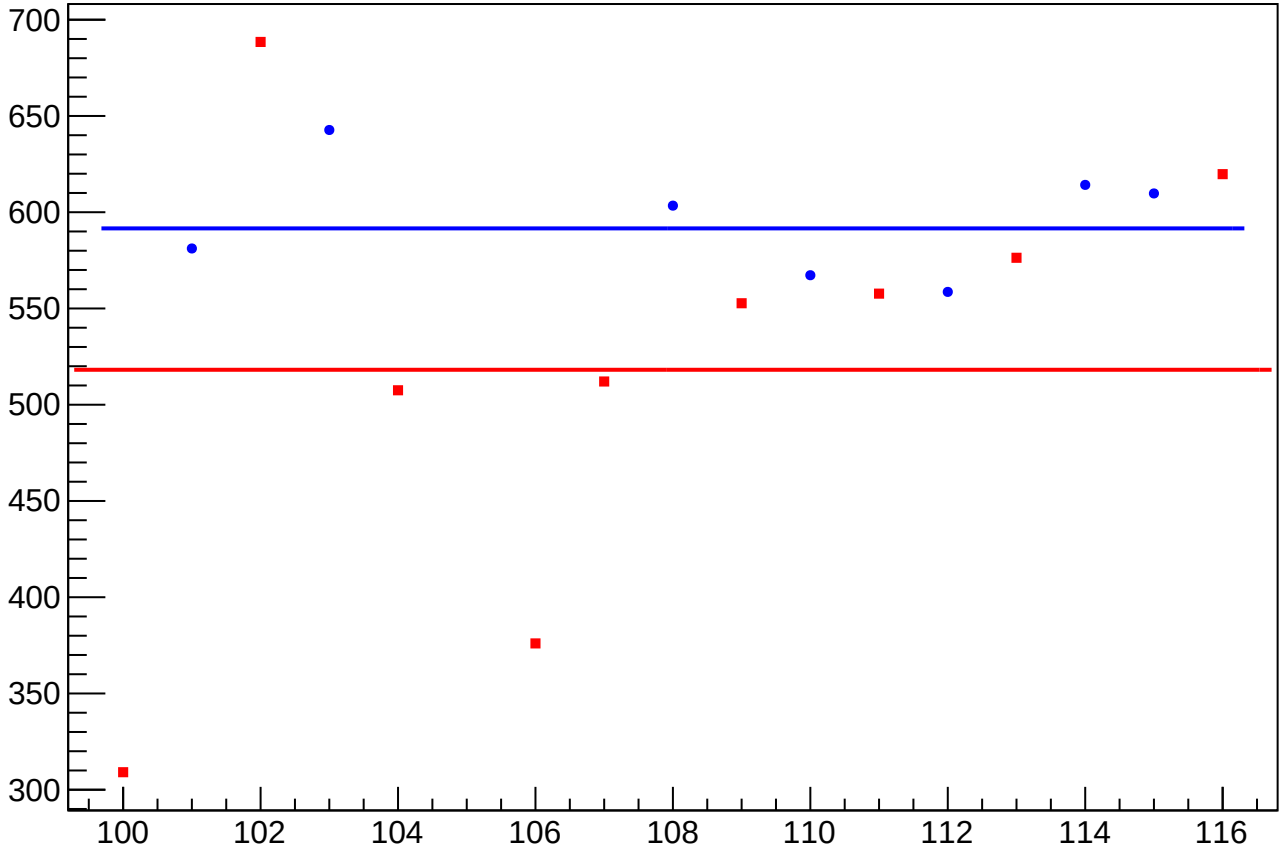
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -376.226+/-226.111 $\chi^2$/NDF: 21.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_dd_correction_rms vs Slug




Right In: 591.597+/-0.260 $\chi^2$/NDF: 13005.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 518.155+/-0.203 $\chi^2$/NDF: 239918.8/8

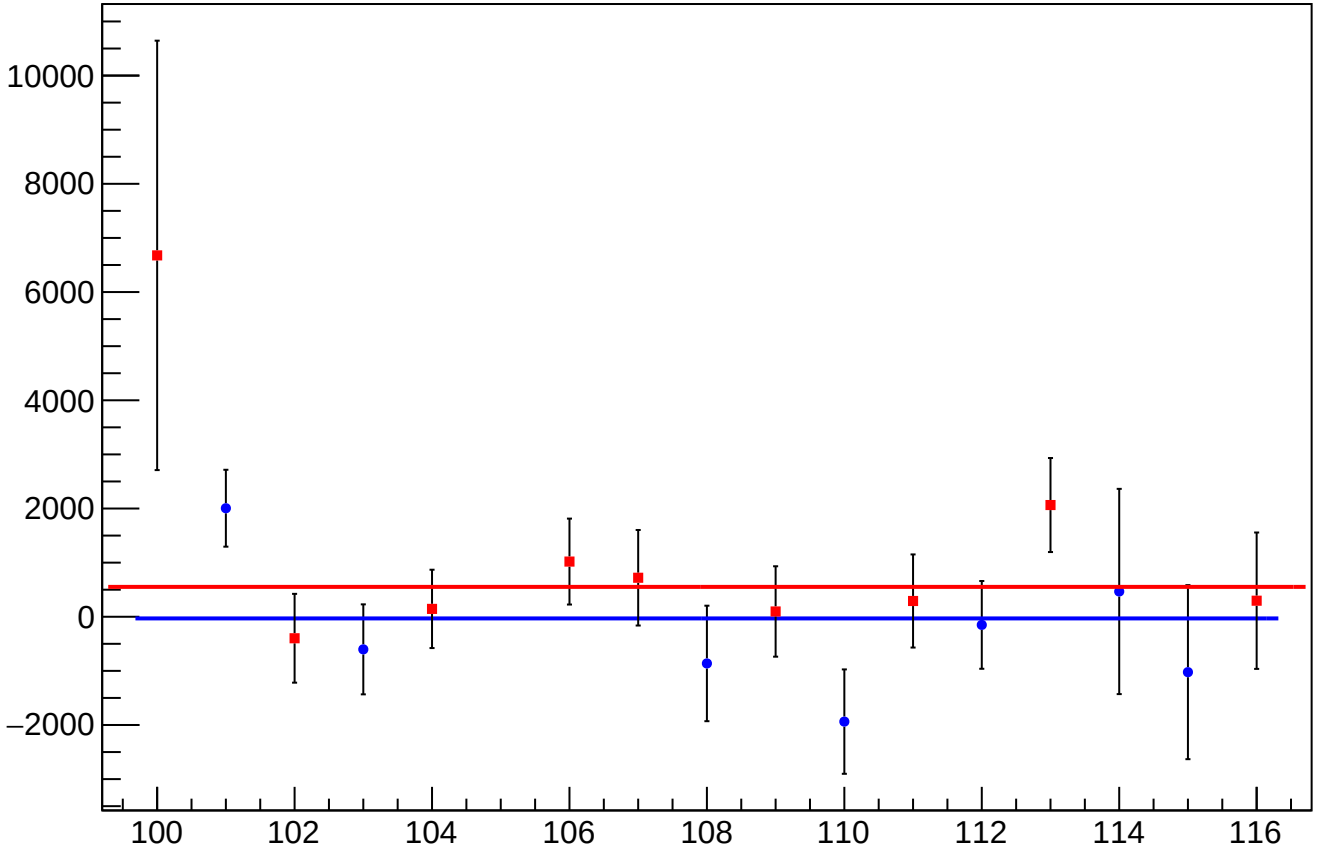
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 546.030+/-0.160 $\chi^2$/NDF: 302612.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_dd_mean vs Slug




Right In: -30.711+/-363.532 $\chi^2$/NDF: 13.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 552.088+/-300.600 $\chi^2$/NDF: 7.9/8

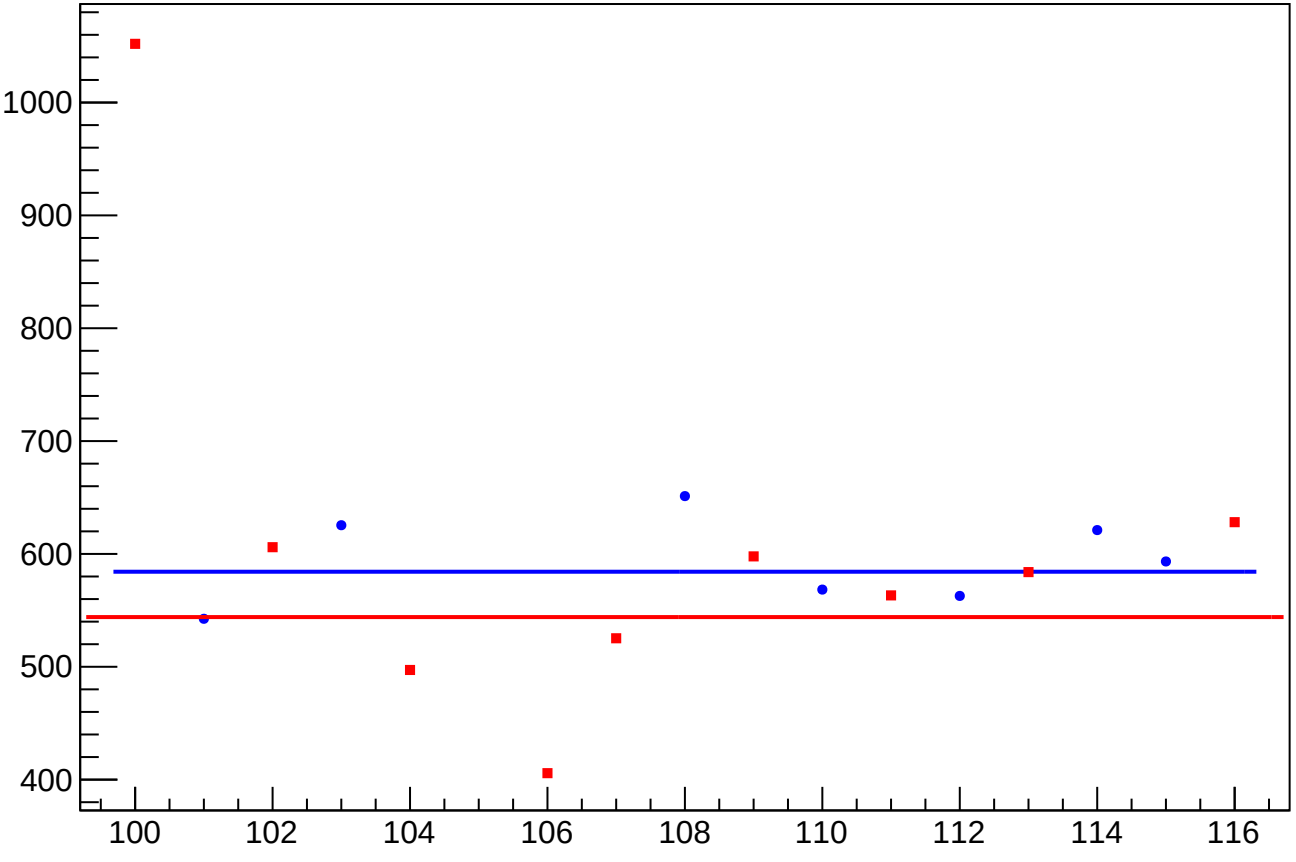
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 315.422+/-231.660 $\chi^2$/NDF: 23.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_dd_rms vs Slug




Right In: 584.233+/-0.257 $\chi^2$/NDF: 22448.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 544.043+/-0.213 $\chi^2$/NDF: 136580.5/8

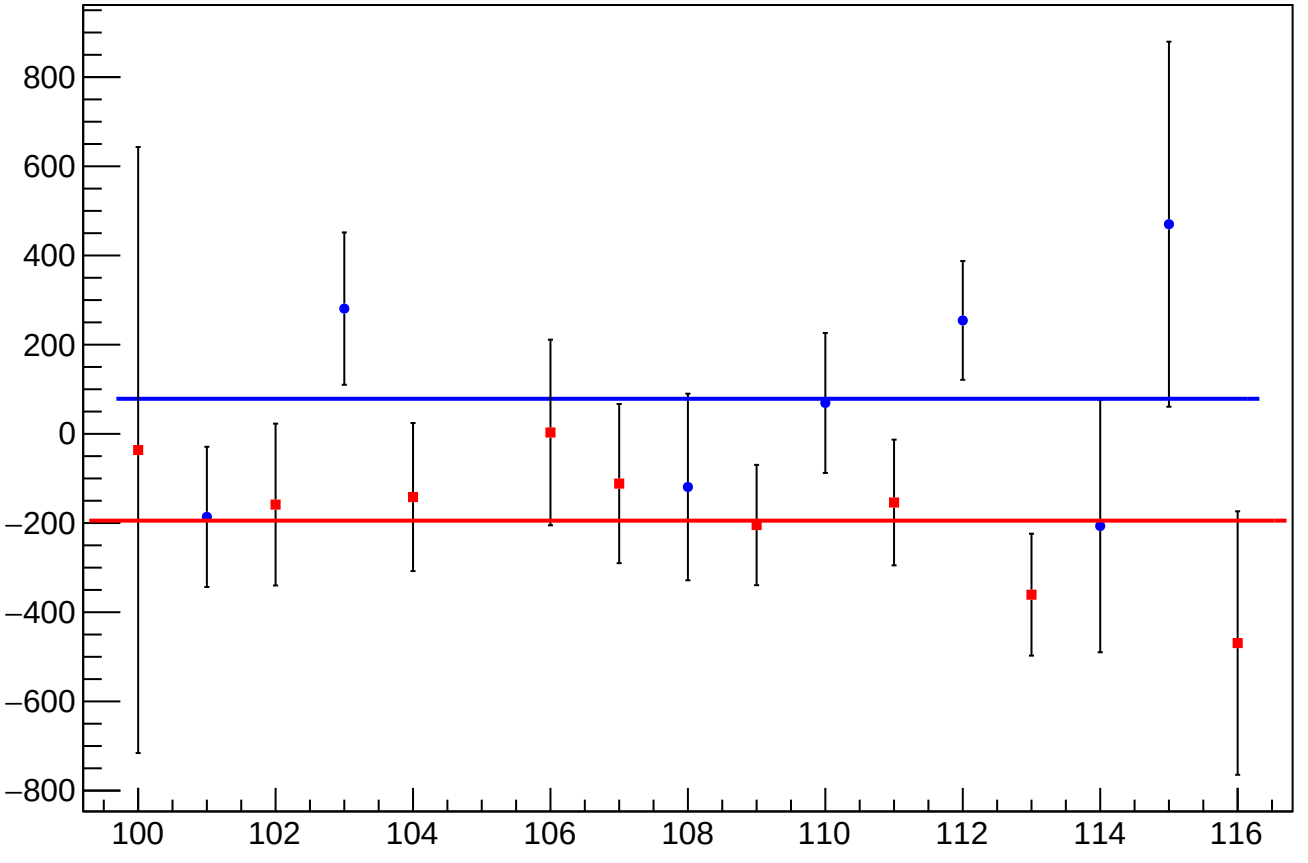
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 560.364+/-0.164 $\chi^2$/NDF: 173546.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_48_dd_mean vs Slug




Right In: 78.657+/-68.515 $\chi^2$/NDF: 8.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -194.603+/-58.369 $\chi^2$/NDF: 3.7/8

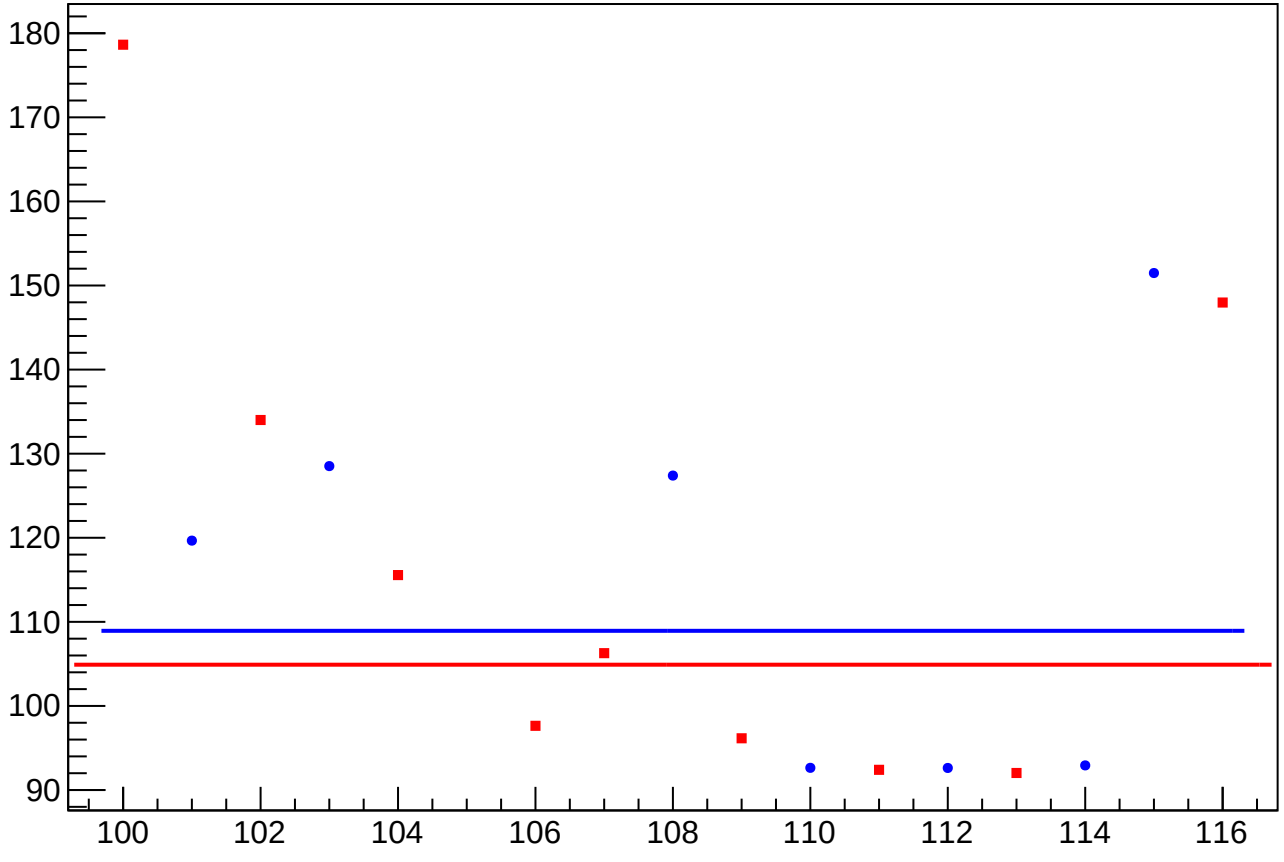
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -79.685+/-44.432 $\chi^2$/NDF: 21.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_48_dd_rms vs Slug




Right In: 108.934+/-0.048 $\chi^2$/NDF: 130743.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 104.904+/-0.041 $\chi^2$/NDF: 170185.8/8

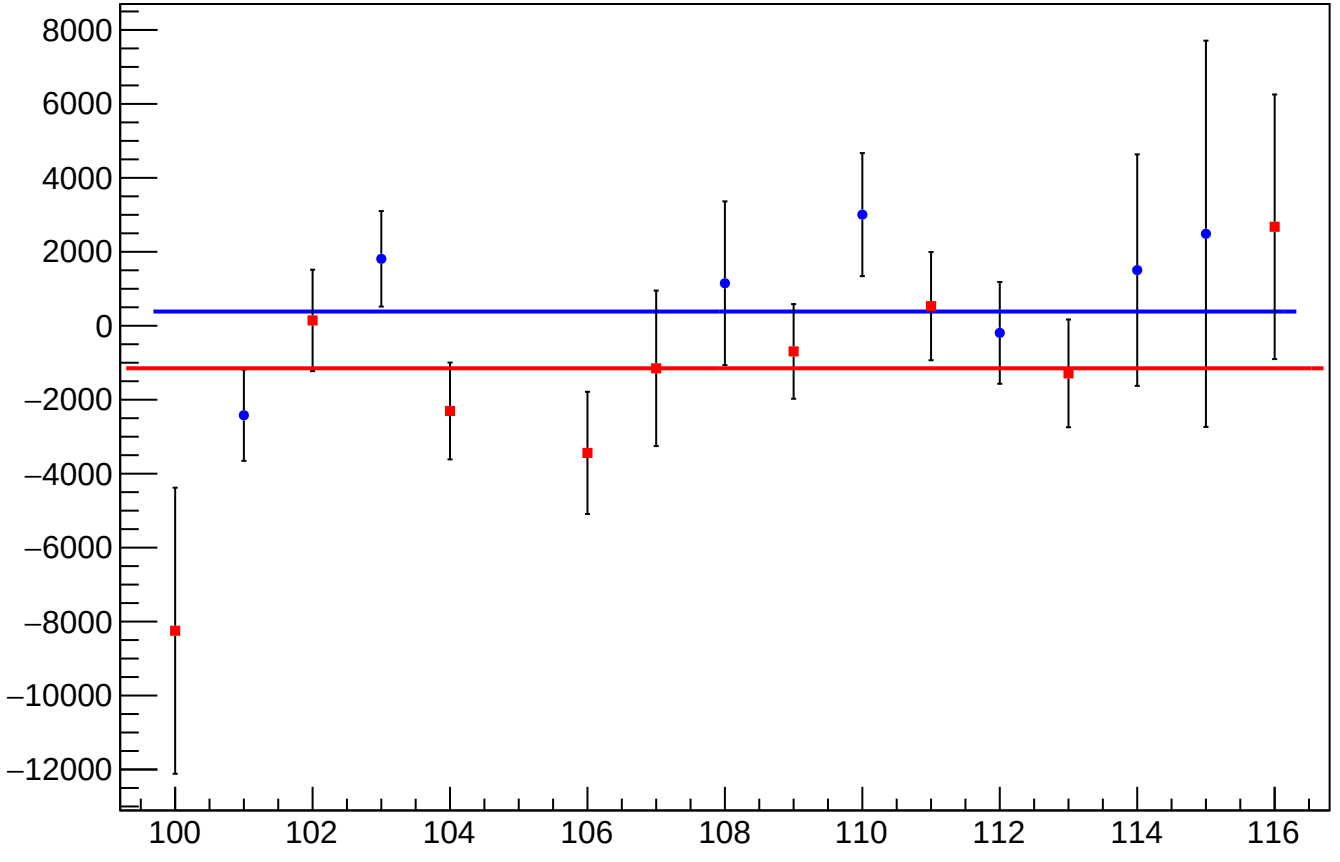
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 106.599+/-0.031 $\chi^2$/NDF: 304936.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_dd_correction_mean vs Slug




Right In: 385.030+/-634.065 $\chi^2$/NDF: 9.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1149.931+/-542.352 $\chi^2$/NDF: 9.6/8

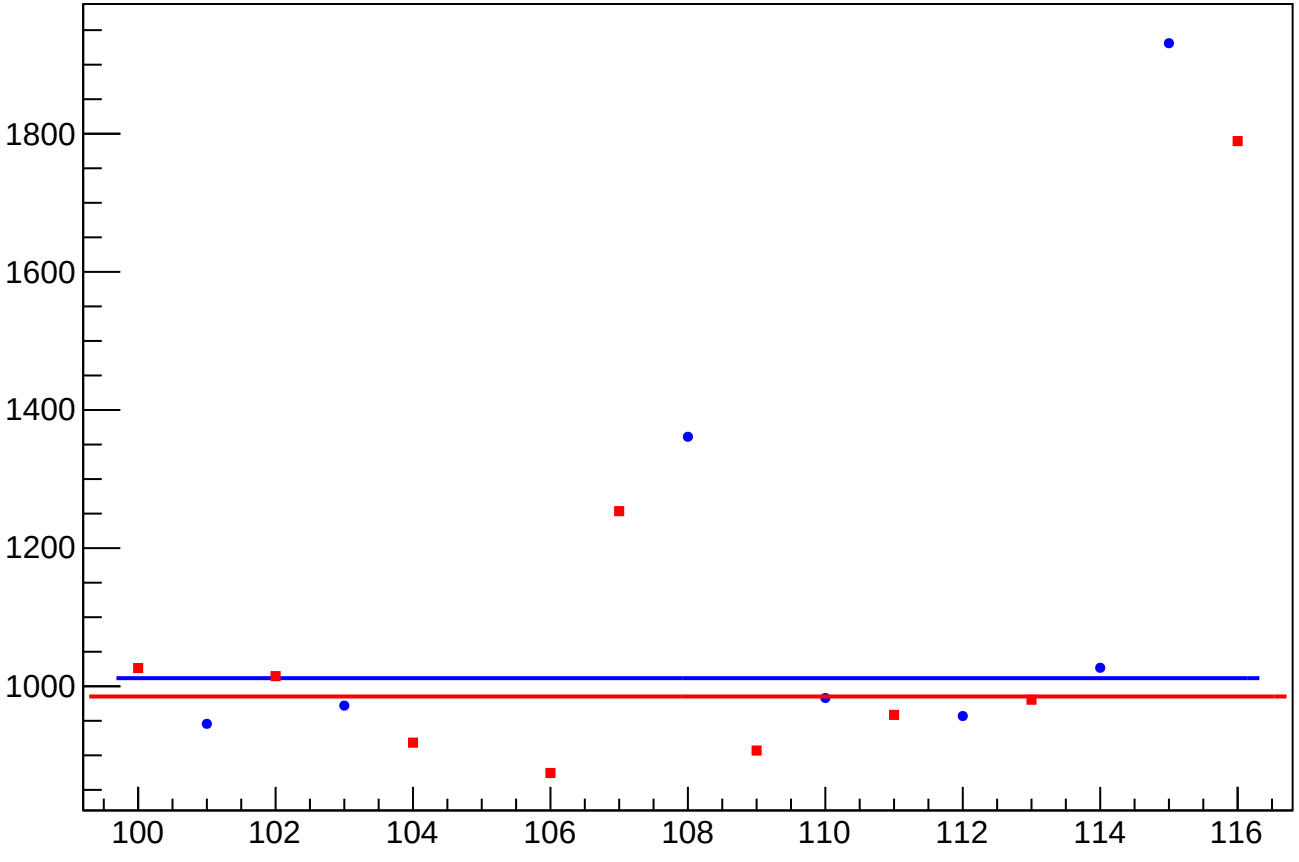
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -501.392+/-412.148 $\chi^2$/NDF: 22.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_dd_correction_rms vs Slug




Right In: 1011.733+/-0.448 $\chi^2$/NDF: 123207.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 985.225+/-0.384 $\chi^2$/NDF: 157108.0/8

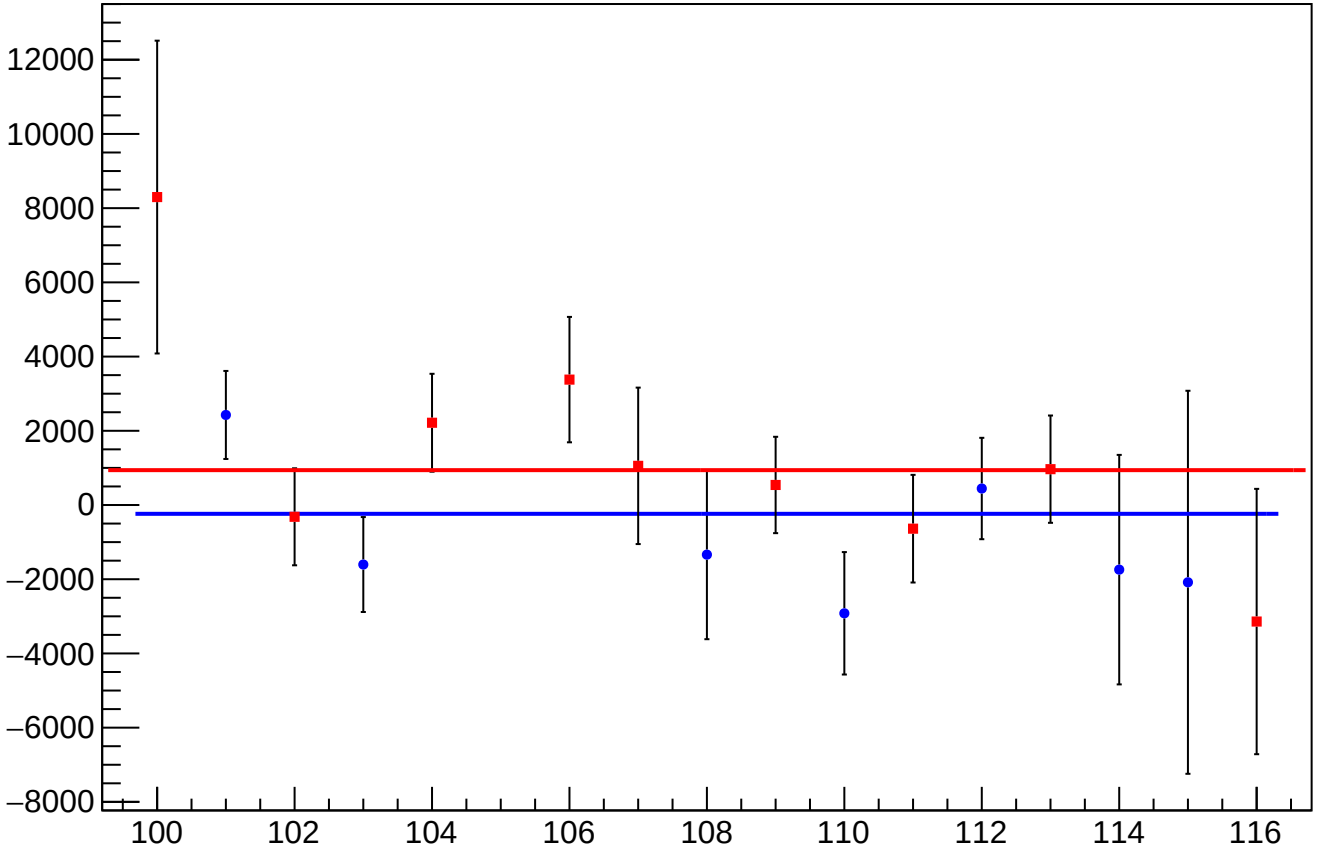
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 996.425+/-0.291 $\chi^2$/NDF: 282334.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_dd_mean vs Slug




Right In: -237.392+/-625.039 $\chi^2$/NDF: 9.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 939.443+/-540.985 $\chi^2$/NDF: 9.6/8

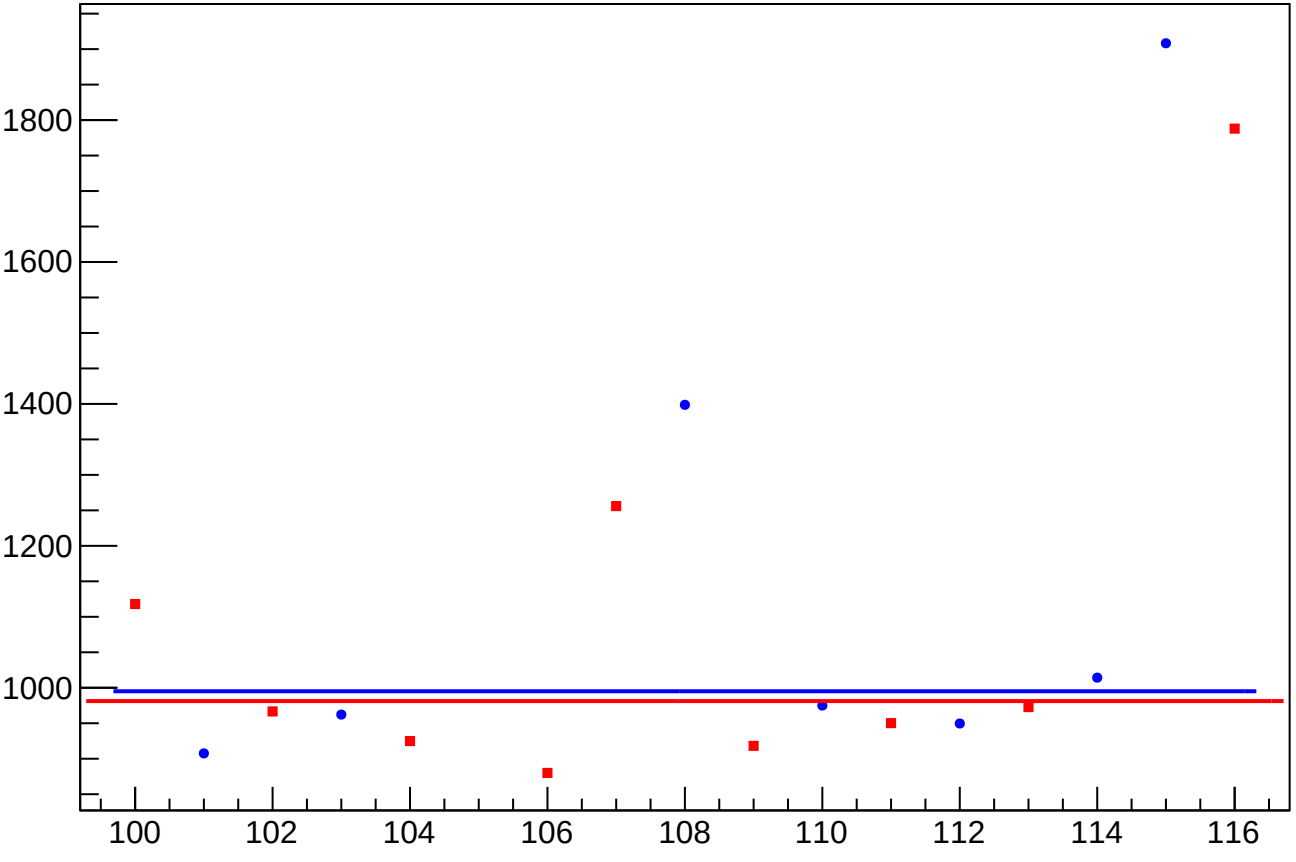
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 435.420+/-409.048 $\chi^2$/NDF: 21.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_48_dd_rms vs Slug




Right In: 995.081+/-0.442 $\chi^2$/NDF: 140186.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 981.235+/-0.383 $\chi^2$/NDF: 154701.6/8

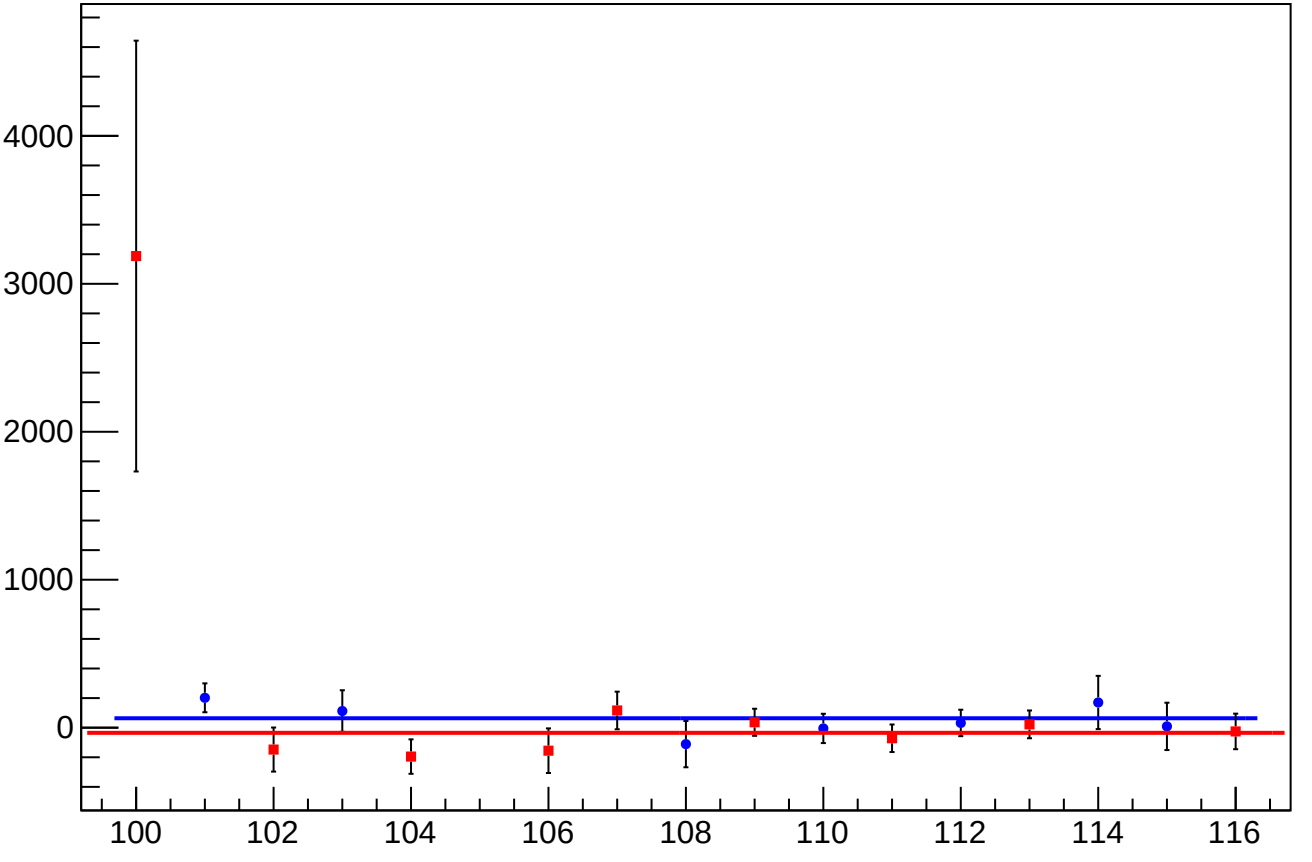
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 987.165+/-0.289 $\chi^2$/NDF: 295449.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_13_57_dd_mean vs Slug




Right In: 63.734+/-45.004 $\chi^2$/NDF: 4.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -34.695+/-39.435 $\chi^2$/NDF: 10.6/8

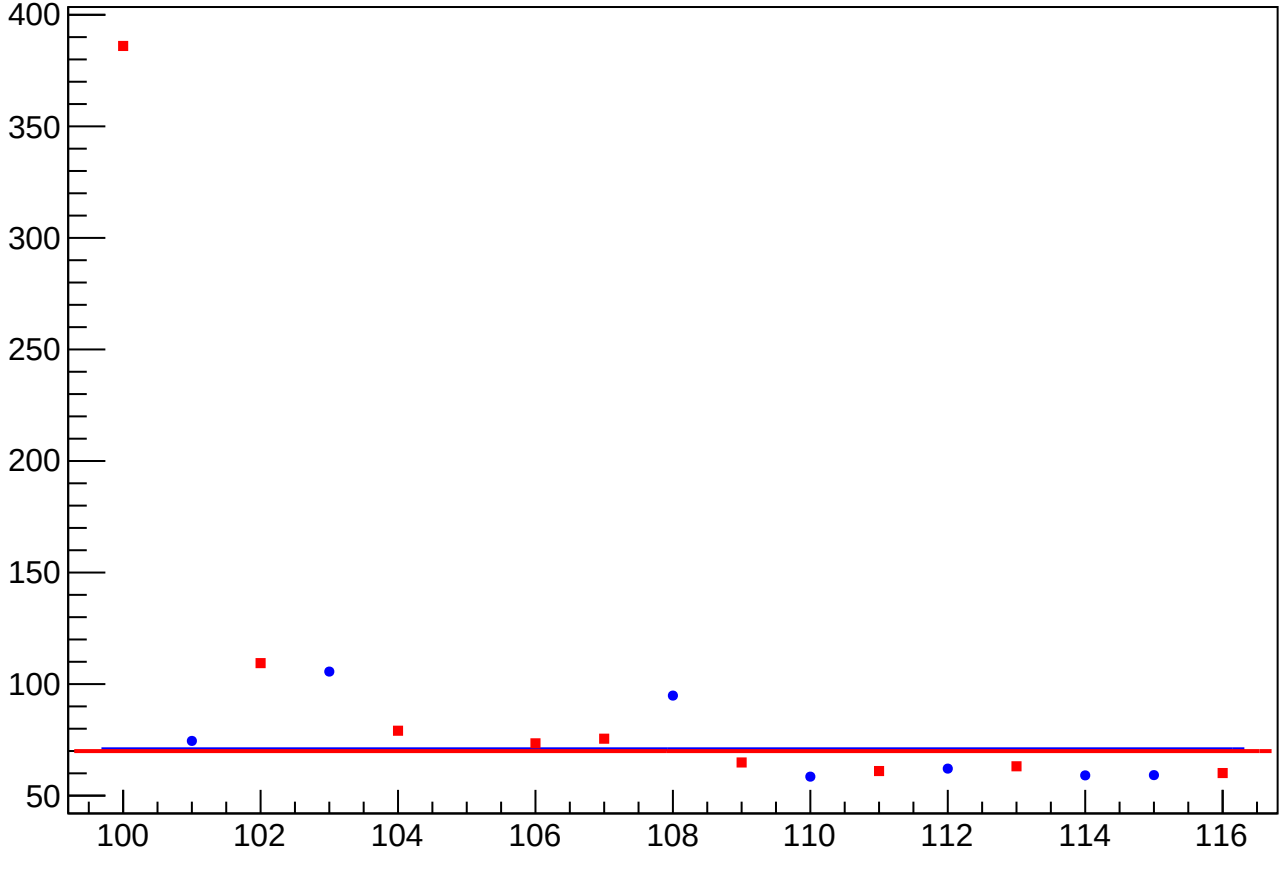
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 8.055+/-29.659 $\chi^2$/NDF: 17.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_13_57_dd_rms vs Slug




Right In: 70.764+/-0.032 $\chi^2$/NDF: 241682.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 69.967+/-0.028 $\chi^2$/NDF: 300194.9/8

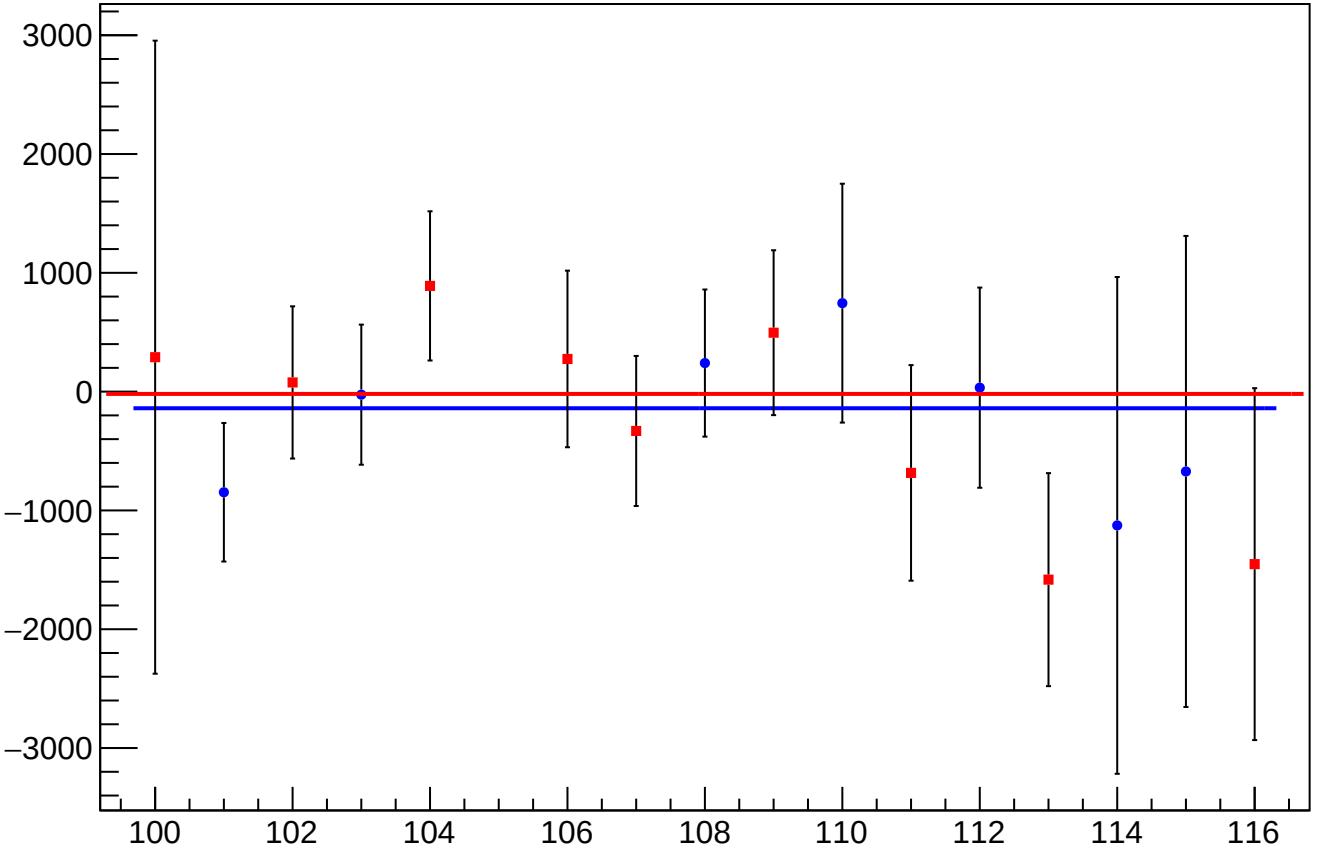
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 70.314+/-0.021 $\chi^2$/NDF: 542231.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_13_57_dd_correction_mean vs Slug




Right In: -139.867+/-297.428 $\chi^2$/NDF: 3.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -19.285+/-263.340 $\chi^2$/NDF: 7.6/8

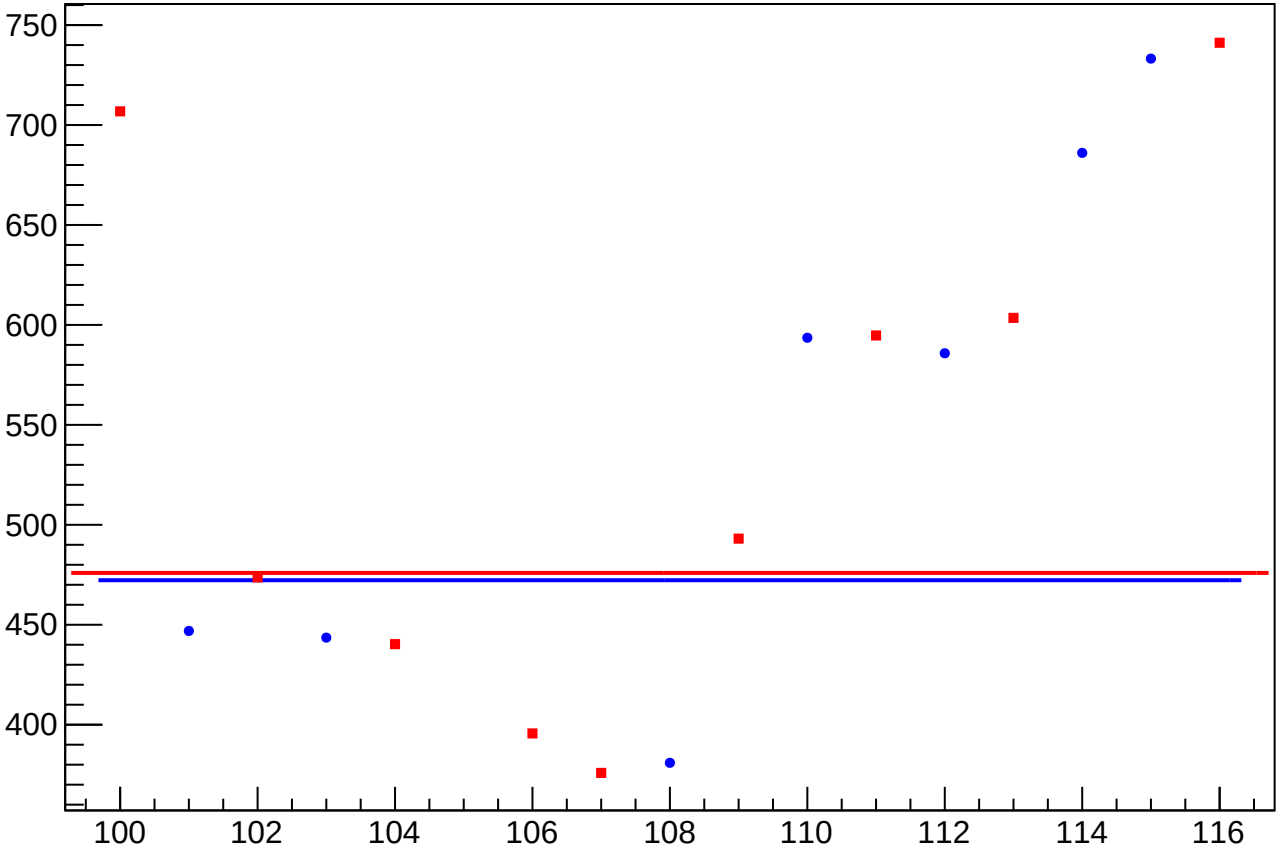
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -72.273+/-197.165 $\chi^2$/NDF: 10.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_13_57_dd_correction_rms vs Slug




Right In: 472.270+/-0.210 $\chi^2$/NDF: 173032.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 475.936+/-0.186 $\chi^2$/NDF: 235146.8/8

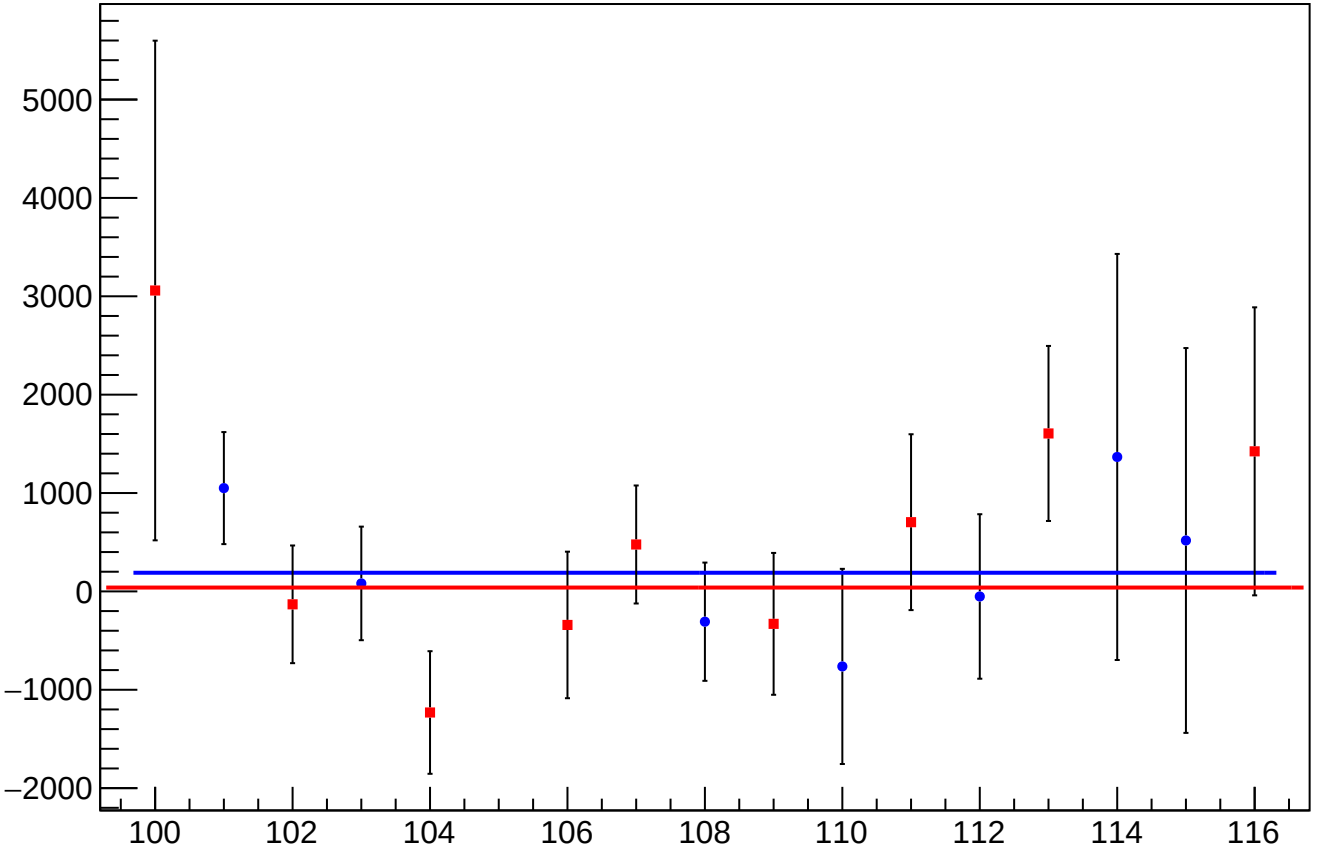
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 474.325+/-0.139 $\chi^2$/NDF: 408349.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_13_57_dd_mean vs Slug




Right In: 189.532+/-291.171 $\chi^2$/NDF: 4.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 39.108+/-258.100 $\chi^2$/NDF: 11.3/8

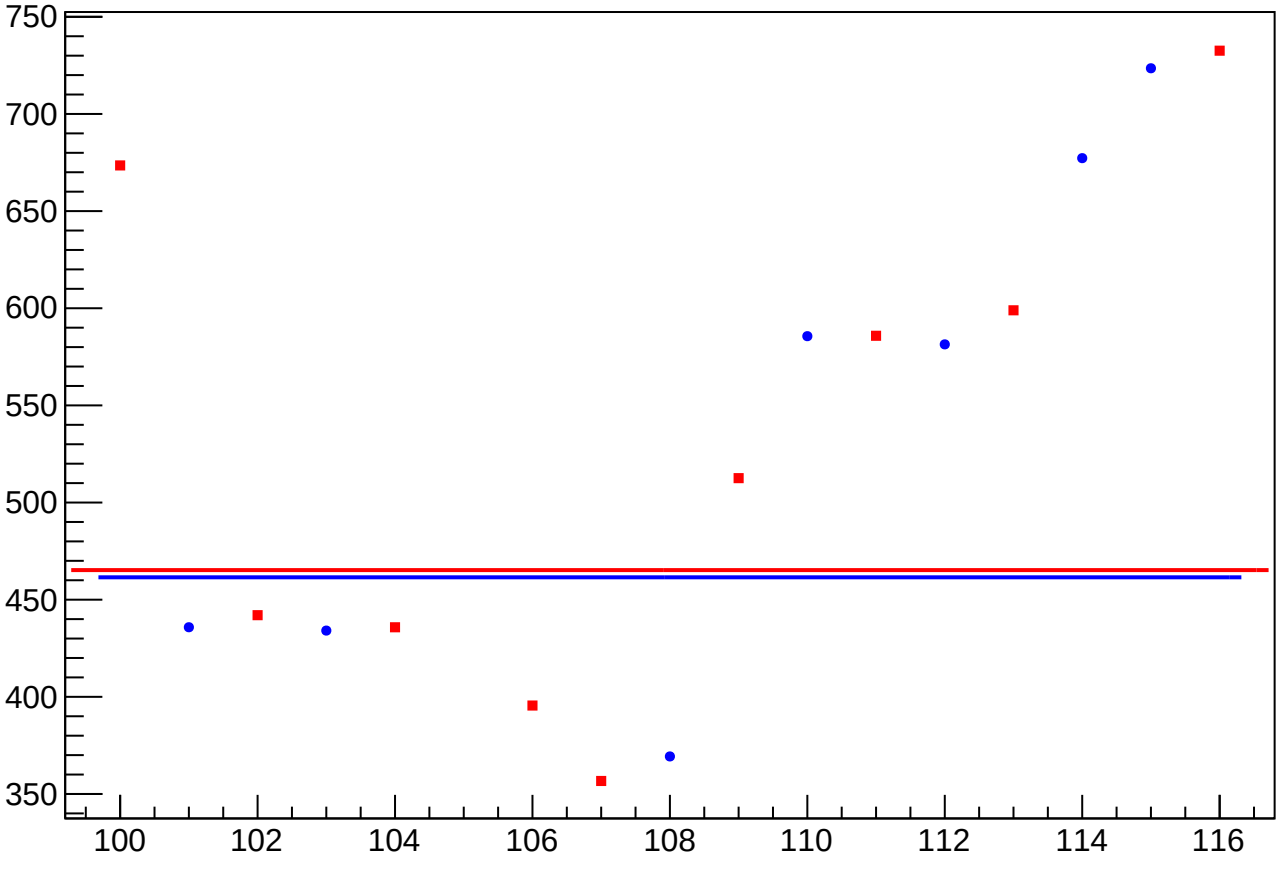
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 105.296+/-193.143 $\chi^2$/NDF: 15.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_13_57_dd_rms vs Slug




Right In: 461.516+/-0.206 $\chi^2$/NDF: 185803.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

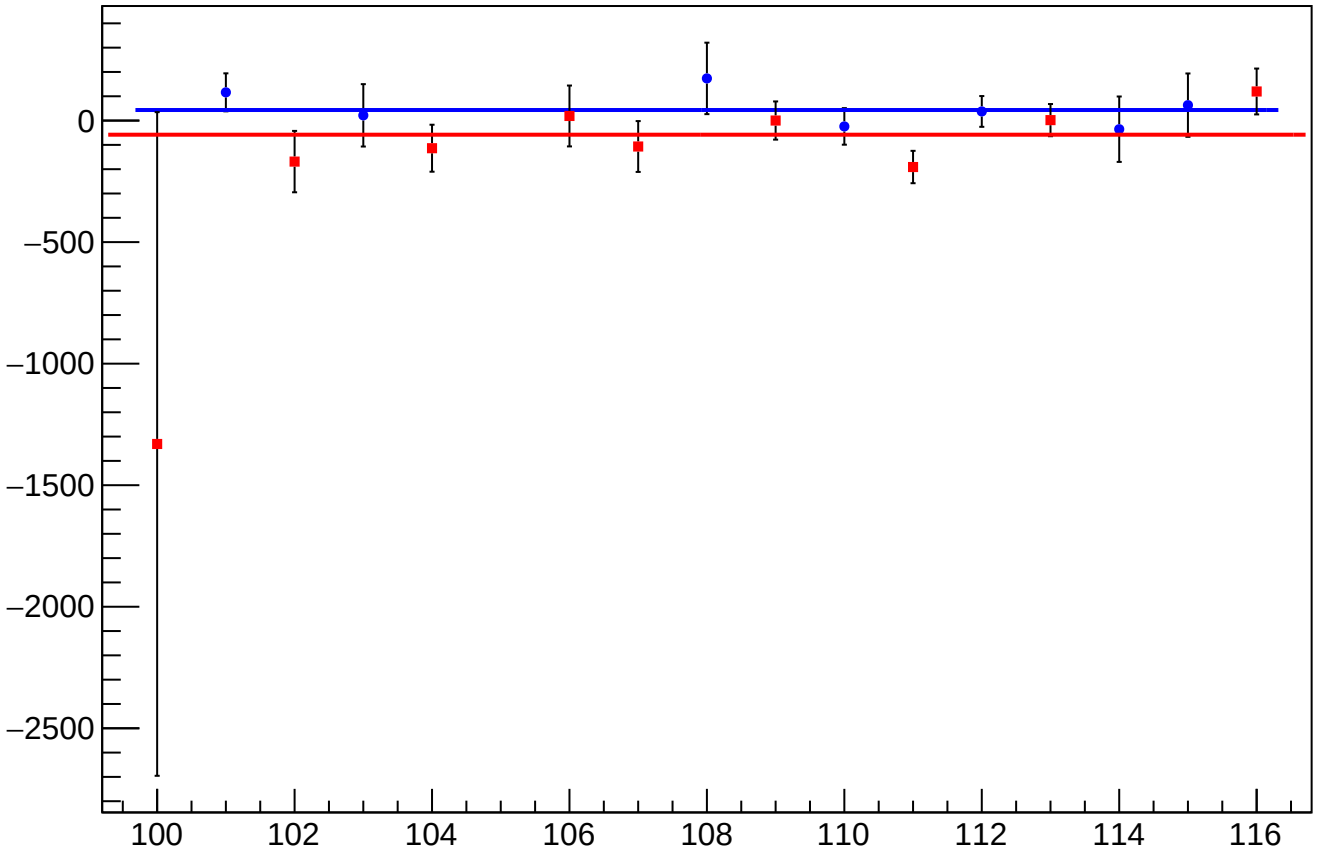
Right Out: 465.229+/-0.183 $\chi^2$/NDF: 260824.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 463.595+/-0.137 $\chi^2$/NDF: 446809.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 43.455+/-35.109 $\chi^2$/NDF: 2.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -58.104+/-30.805 $\chi^2$/NDF: 11.5/8

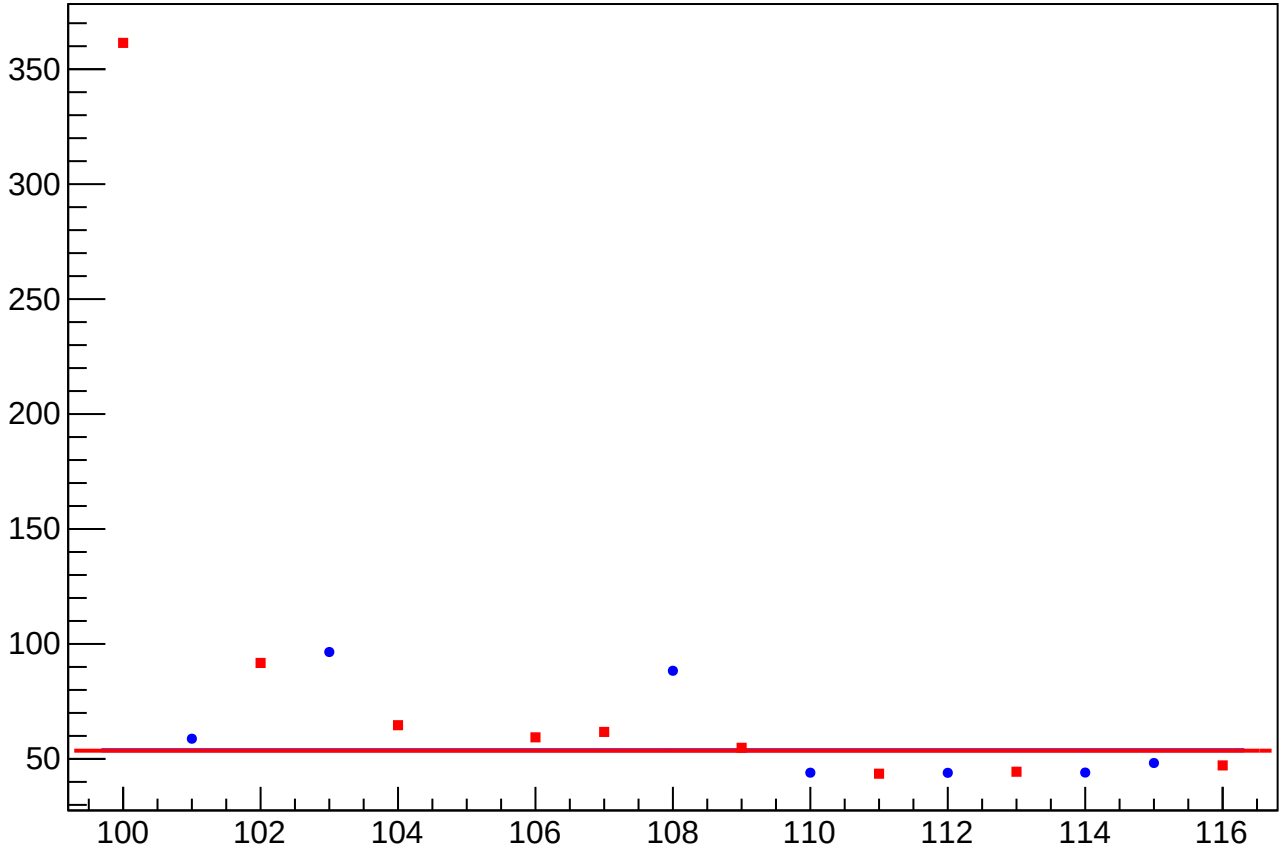
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -13.928+/-23.155 $\chi^2$/NDF: 19.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_37_dd_rms vs Slug




Right In: 53.739+/-0.025 $\chi^2$/NDF: 436403.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 53.578+/-0.022 $\chi^2$/NDF: 420308.2/8

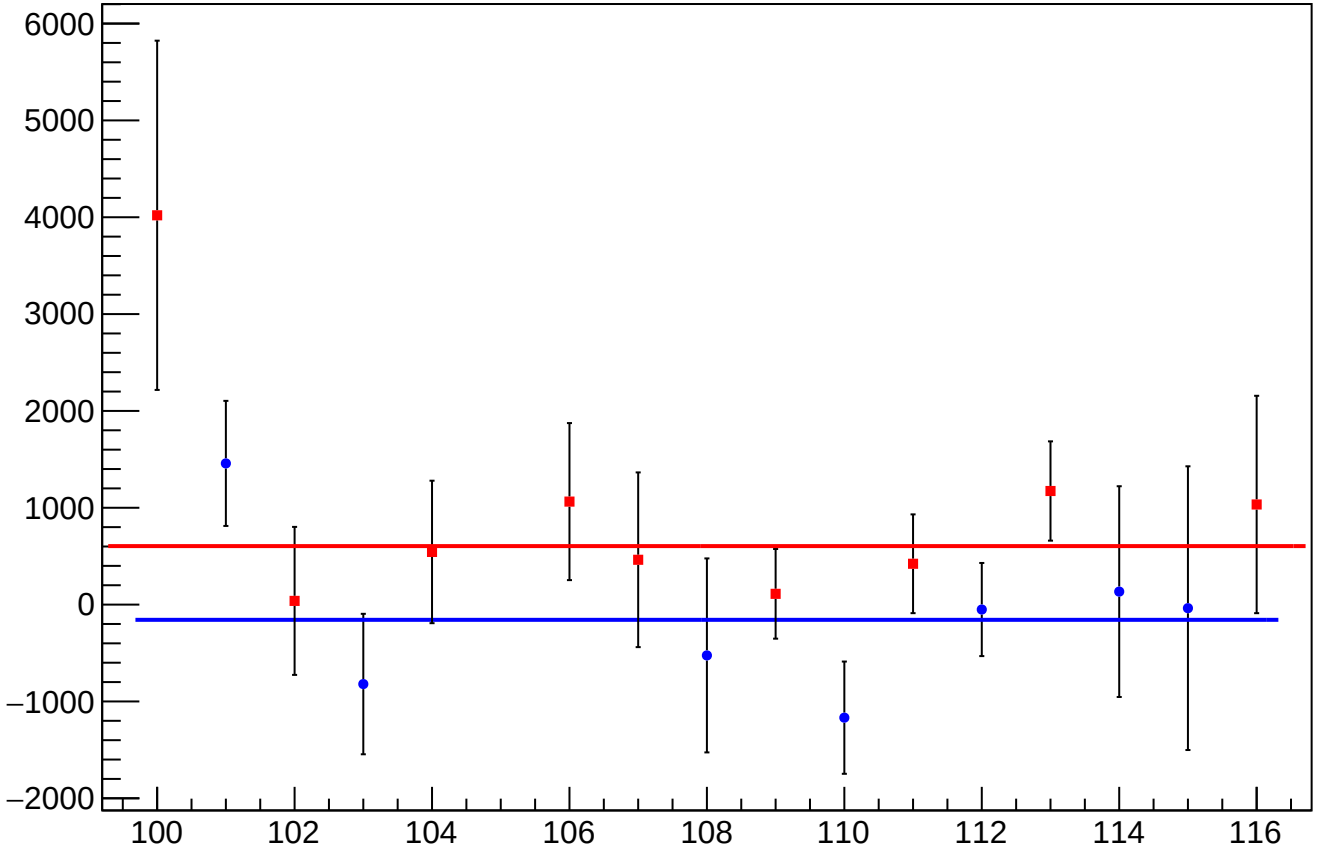
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 53.648+/-0.016 $\chi^2$/NDF: 856735.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_37_dd_correction_mean vs Slug




Right In: -157.177+/-268.139 $\chi^2$/NDF: 10.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 604.209+/-225.141 $\chi^2$/NDF: 7.1/8

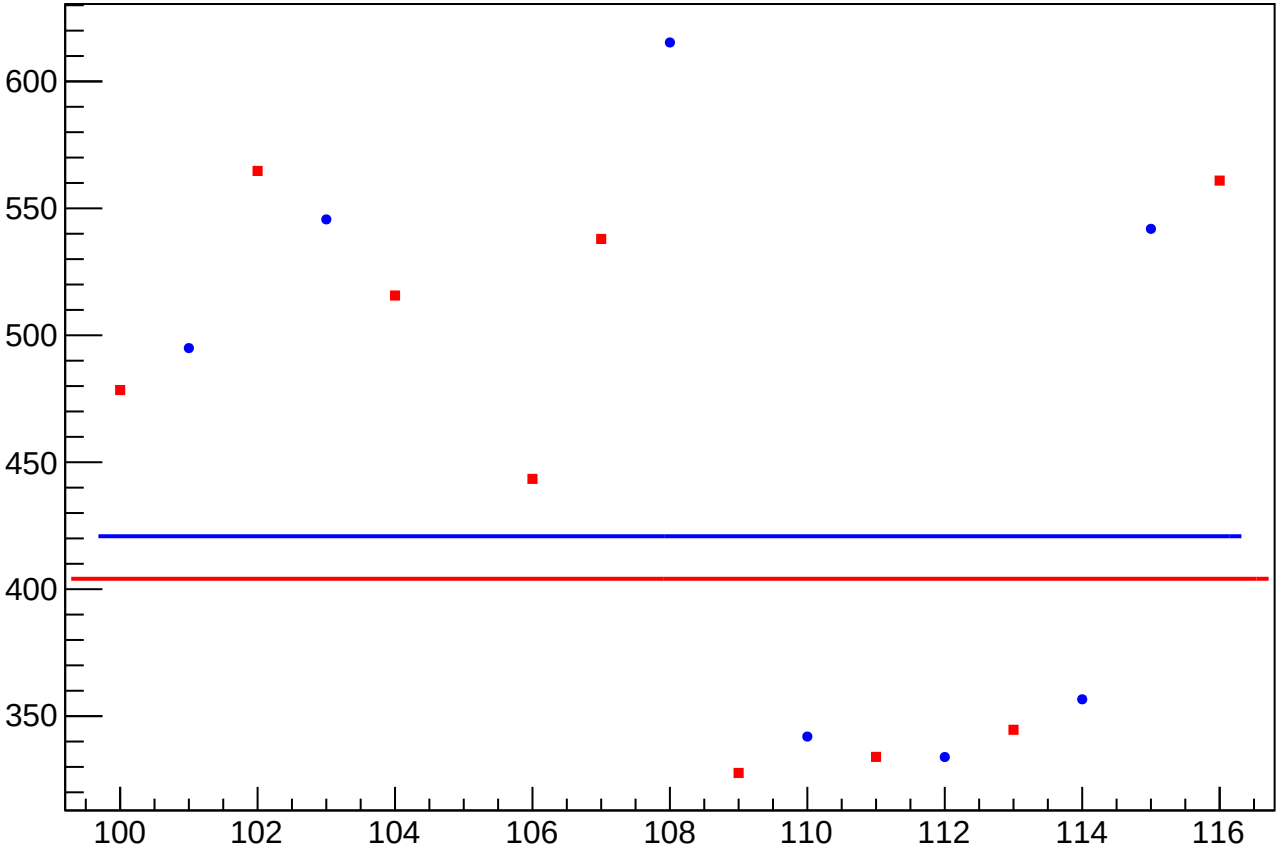
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 289.384+/-172.422 $\chi^2$/NDF: 22.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_37_dd_correction_rms vs Slug




Right In: 420.856+/-0.190 $\chi^2$/NDF: 284070.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 404.102+/-0.159 $\chi^2$/NDF: 344926.7/8

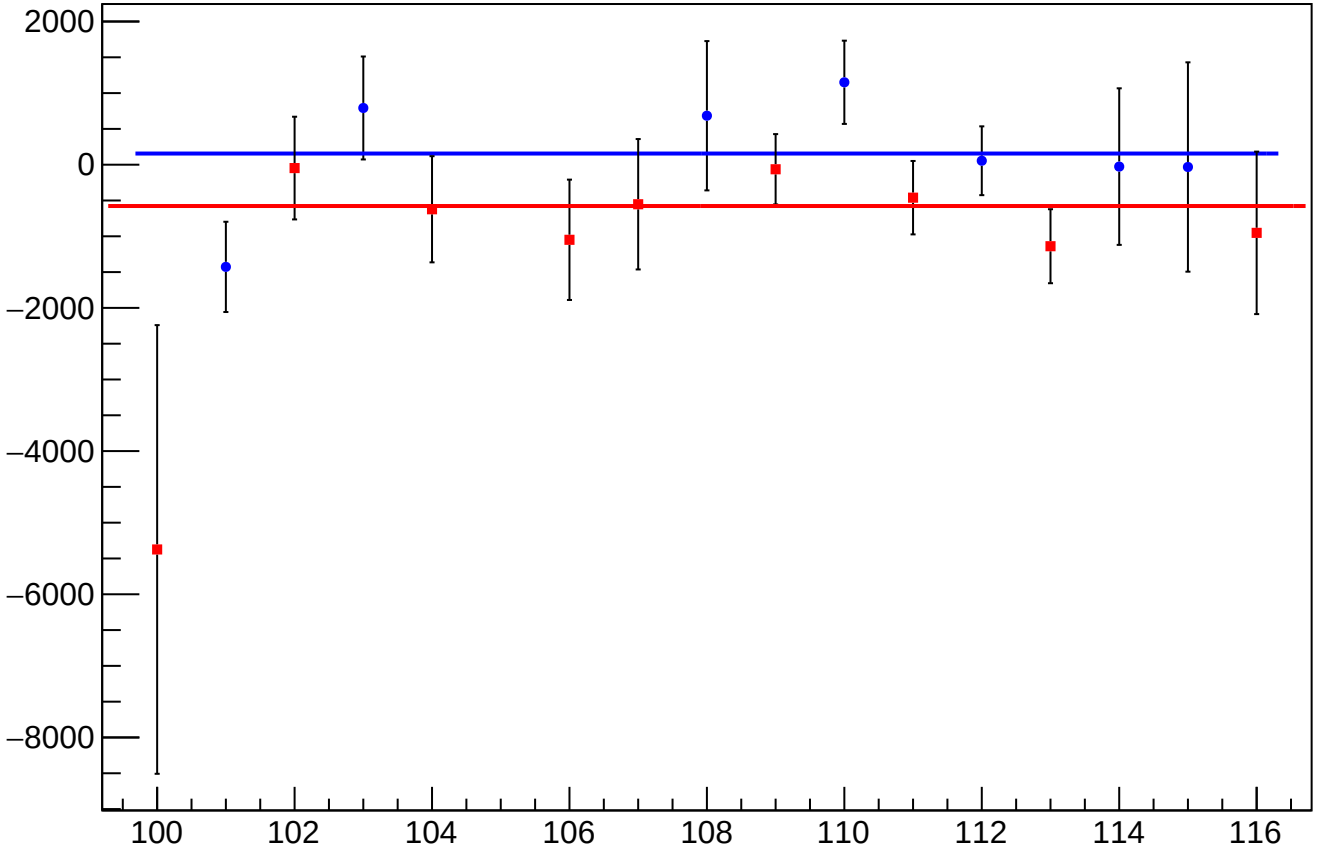
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 411.029+/-0.122 $\chi^2$/NDF: 633576.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_37_dd_mean vs Slug




Right In: 155.873+/-267.583 $\chi^2$/NDF: 10.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -577.149+/-229.685 $\chi^2$/NDF: 5.6/8

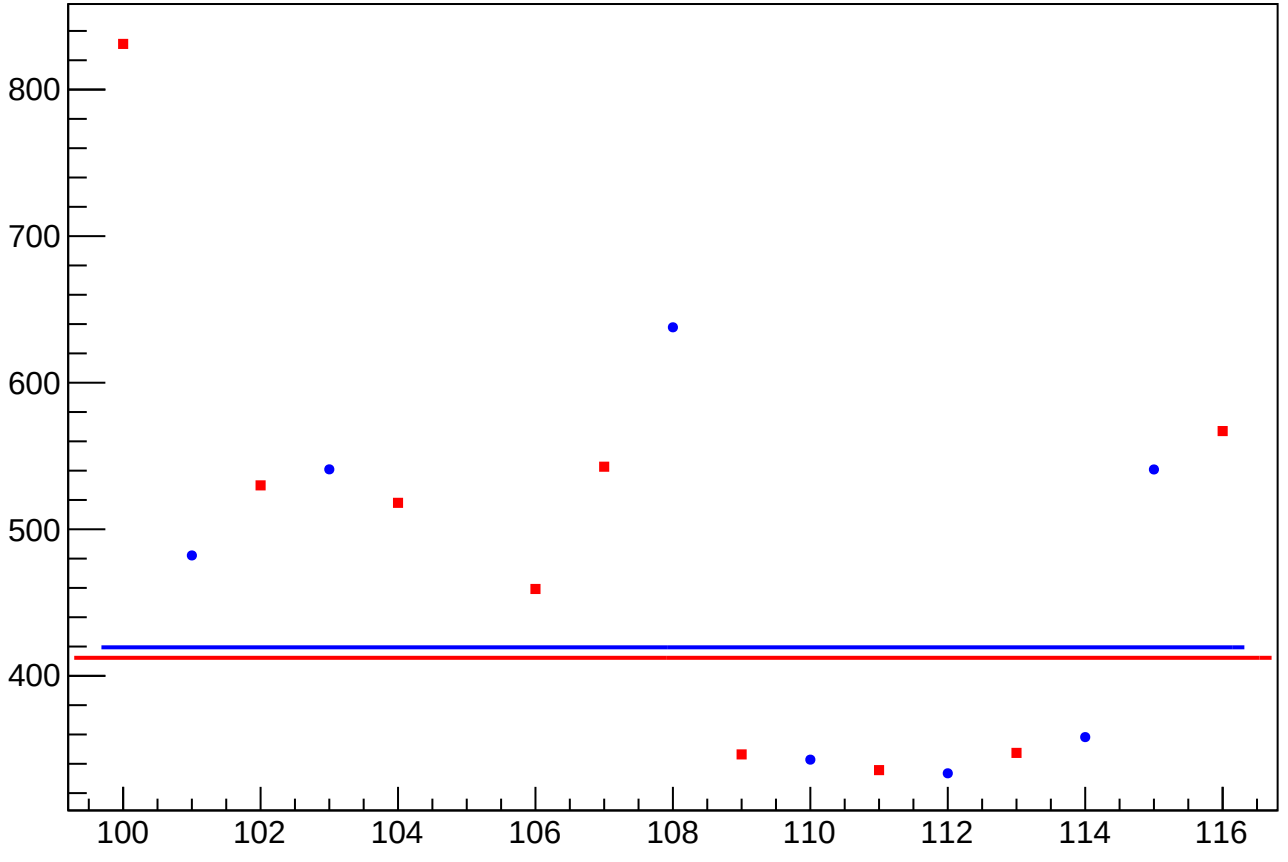
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -266.181+/-174.284 $\chi^2$/NDF: 20.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_37_dd_rms vs Slug




Right In: 419.470+/-0.189 $\chi^2$/NDF: 283337.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

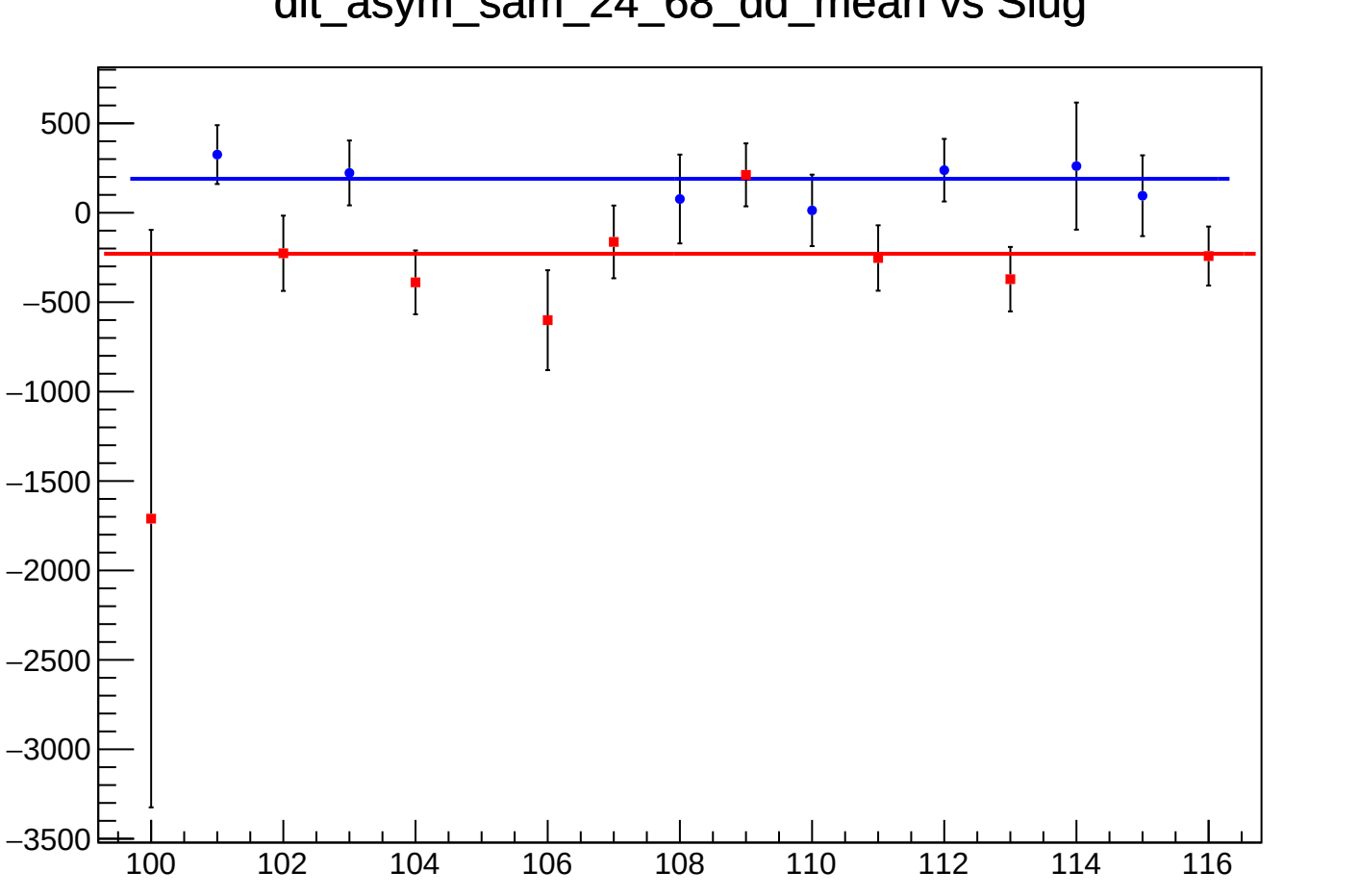
Right Out: 412.316+/-0.162 $\chi^2$/NDF: 326811.4/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 415.351+/-0.123 $\chi^2$/NDF: 610971.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 190.041+/-76.971 $\chi^2$/NDF: 2.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

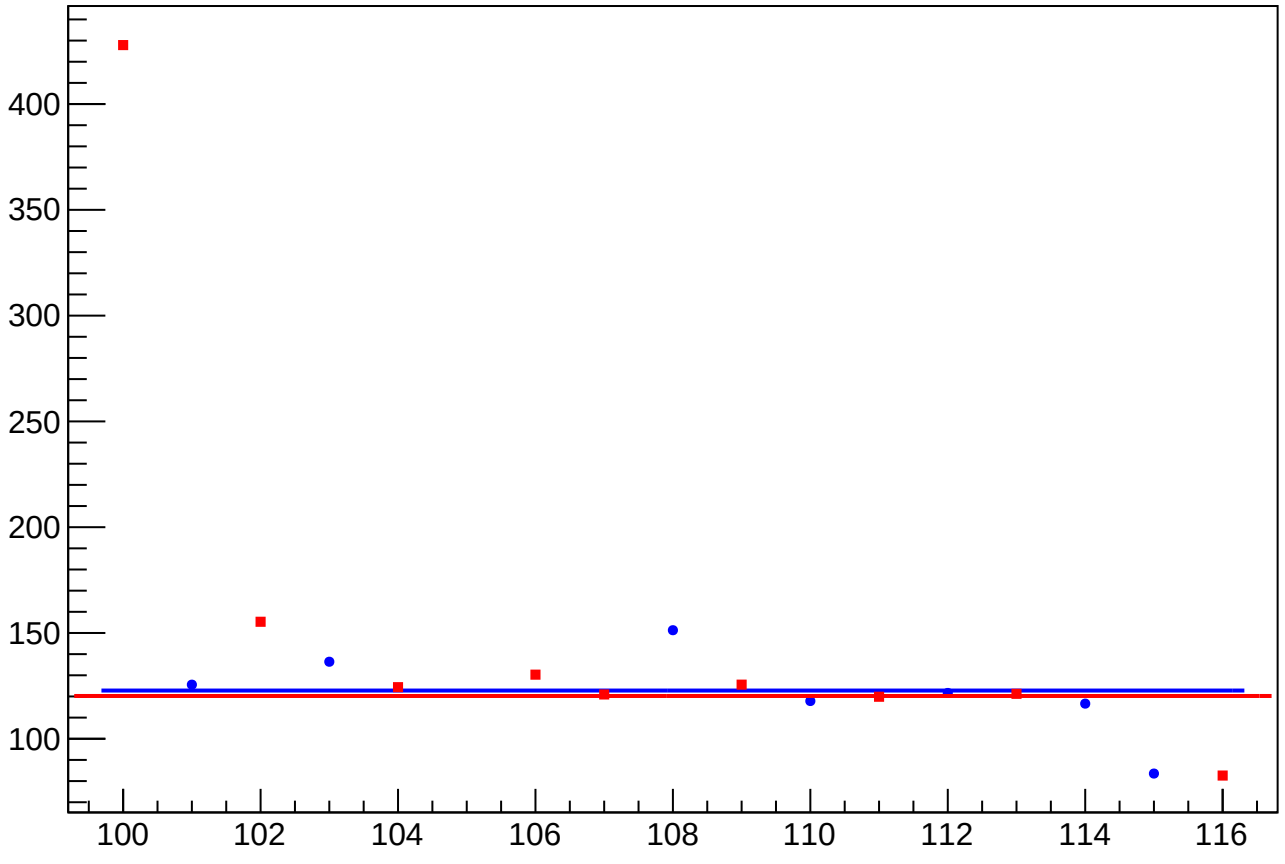
Right Out: -229.245+/-67.255 $\chi^2$/NDF: 10.4/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -47.721+/-50.645 $\chi^2$/NDF: 29.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 122.792+/-0.054 $\chi^2$/NDF: 100485.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

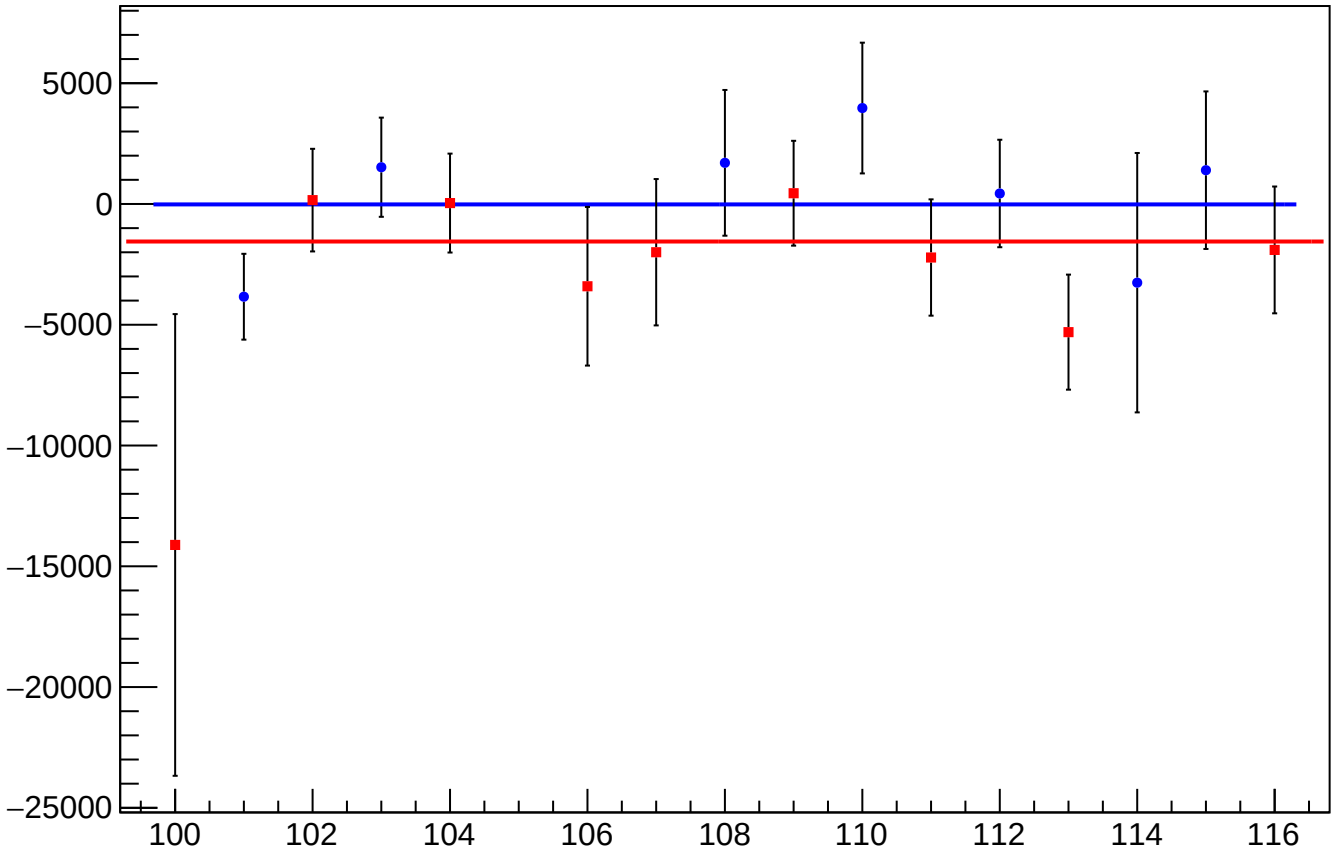
Right Out: 120.223+/-0.048 $\chi^2$/NDF: 237771.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 121.335+/-0.036 $\chi^2$/NDF: 339519.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -17.731+/-940.225 $\chi^2$/NDF: 8.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1554.004+/-851.547 $\chi^2$/NDF: 6.7/8

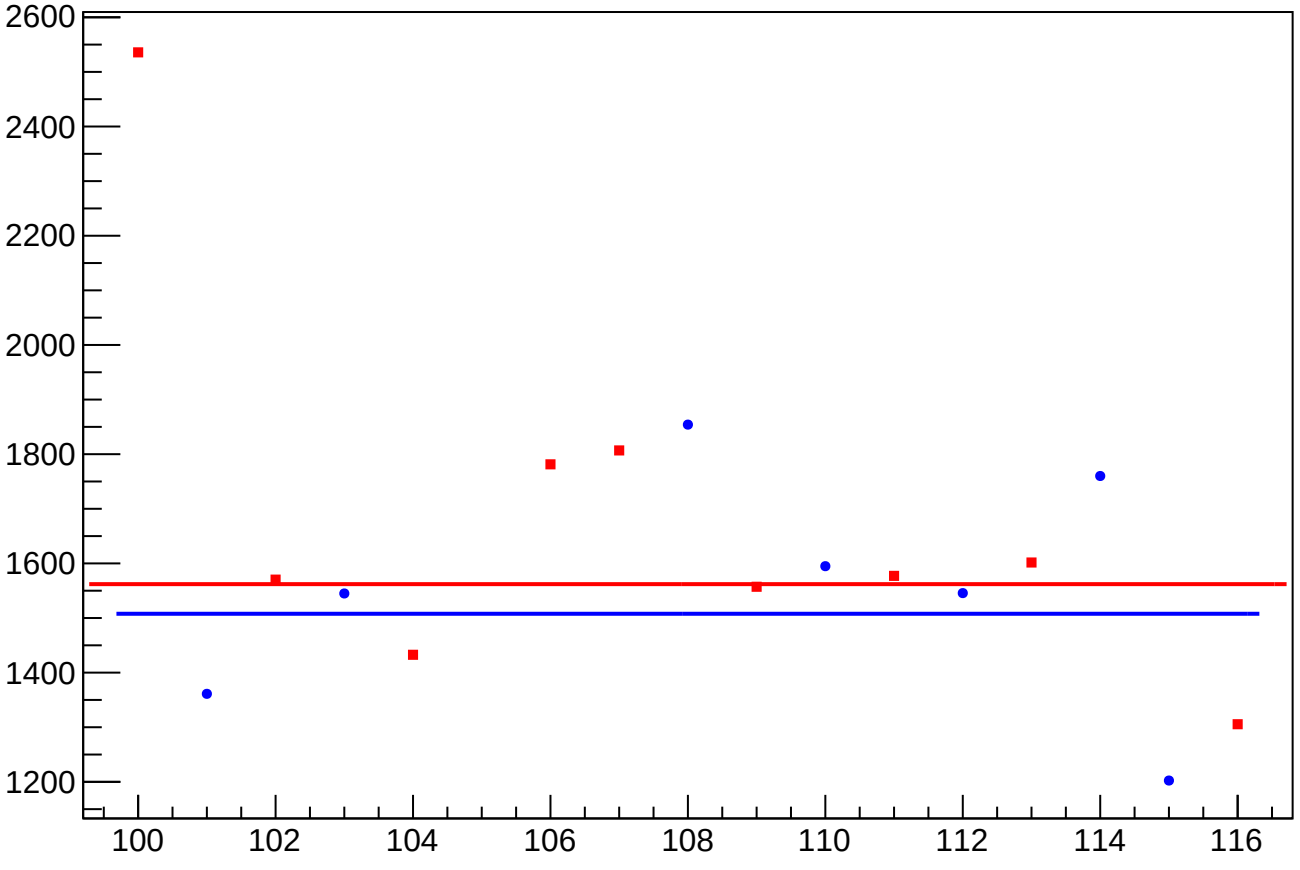
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -861.715+/-631.163 $\chi^2$/NDF: 16.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_24_68_dd_correction_rms vs Slug




Right In: 1507.775+/-0.665 $\chi^2$/NDF: 65242.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1562.032+/-0.602 $\chi^2$/NDF: 70502.5/8

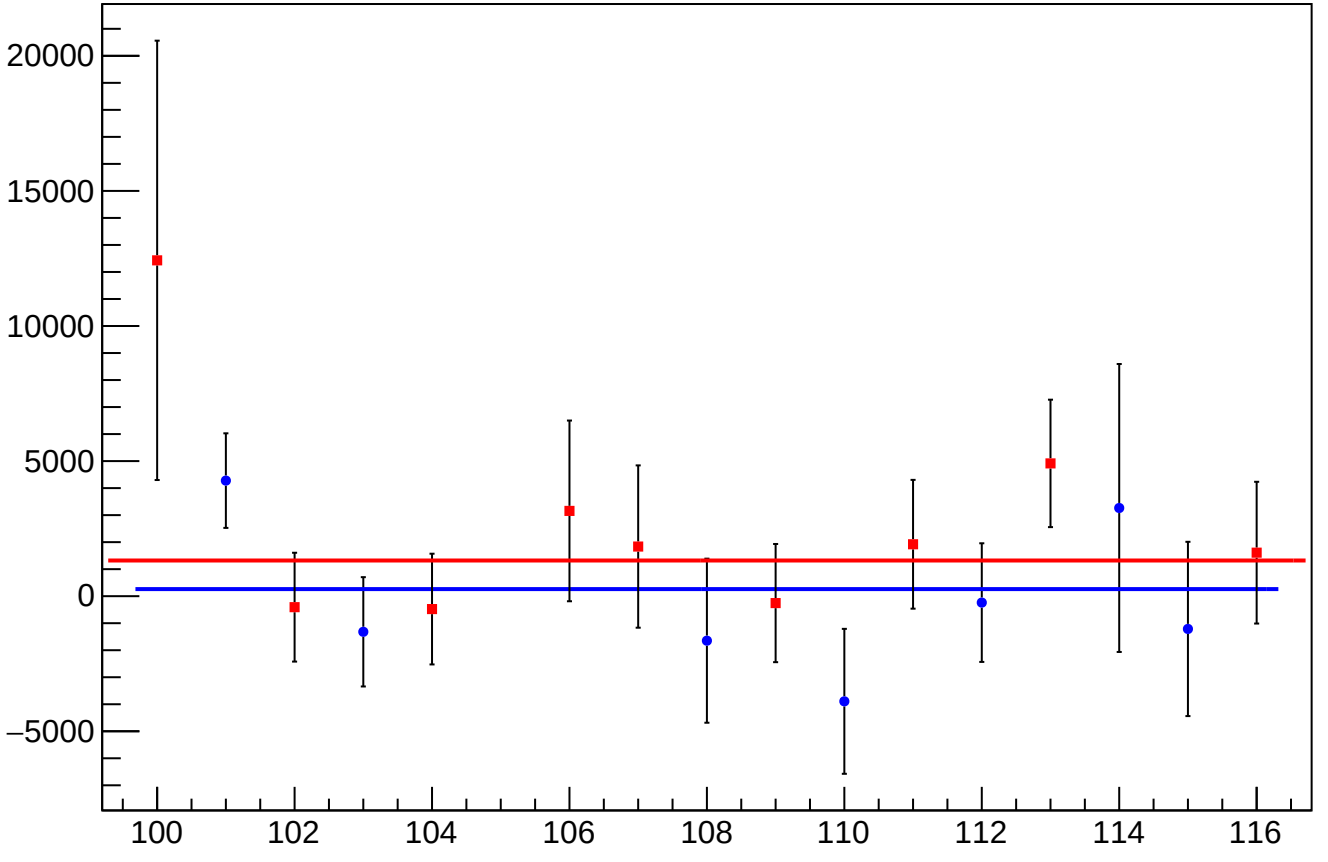
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1537.582+/-0.446 $\chi^2$/NDF: 139403.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_24_68_dd_mean vs Slug




Right In: 262.169+/-929.706 $\chi^2$/NDF: 9.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1320.524+/-842.124 $\chi^2$/NDF: 6.6/8

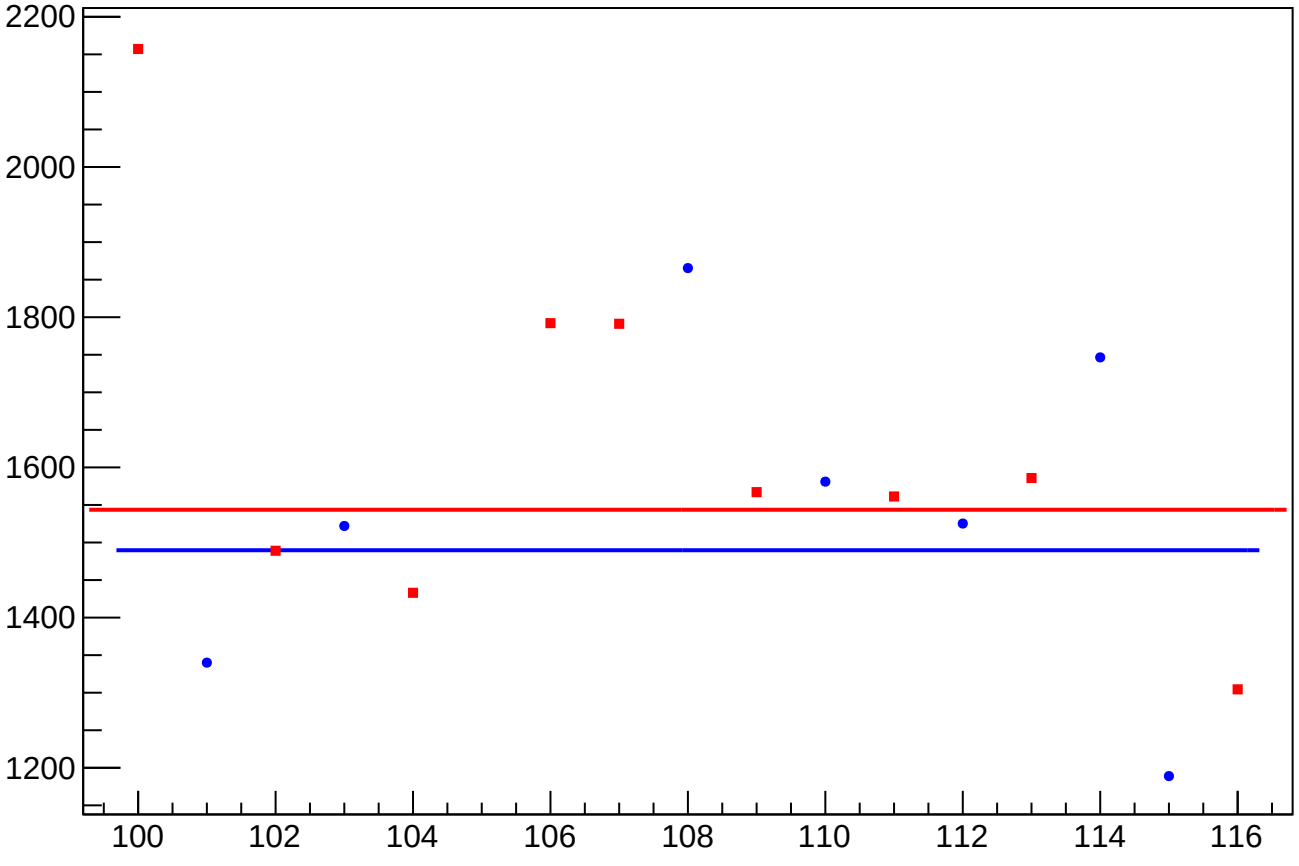
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 843.534+/-624.144 $\chi^2$/NDF: 16.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_24_68_dd_rms vs Slug




Right In: 1489.701+/-0.657 $\chi^2$/NDF: 70633.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1543.627+/-0.595 $\chi^2$/NDF: 60914.2/8

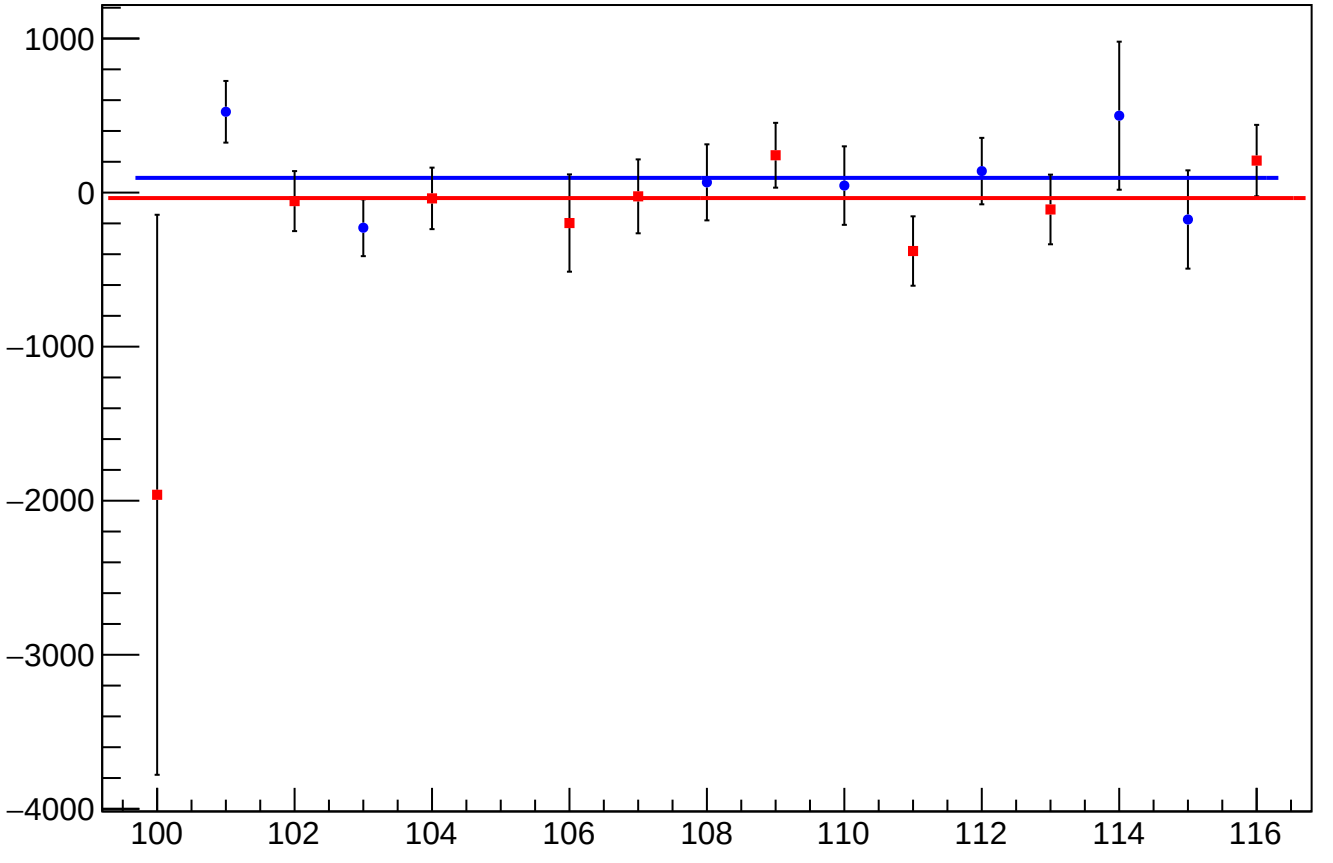
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1519.323+/-0.441 $\chi^2$/NDF: 135244.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_26_48_dd_mean vs Slug




Right In: 95.485+/-90.608 $\chi^2$/NDF: 9.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -35.565+/-79.150 $\chi^2$/NDF: 6.7/8

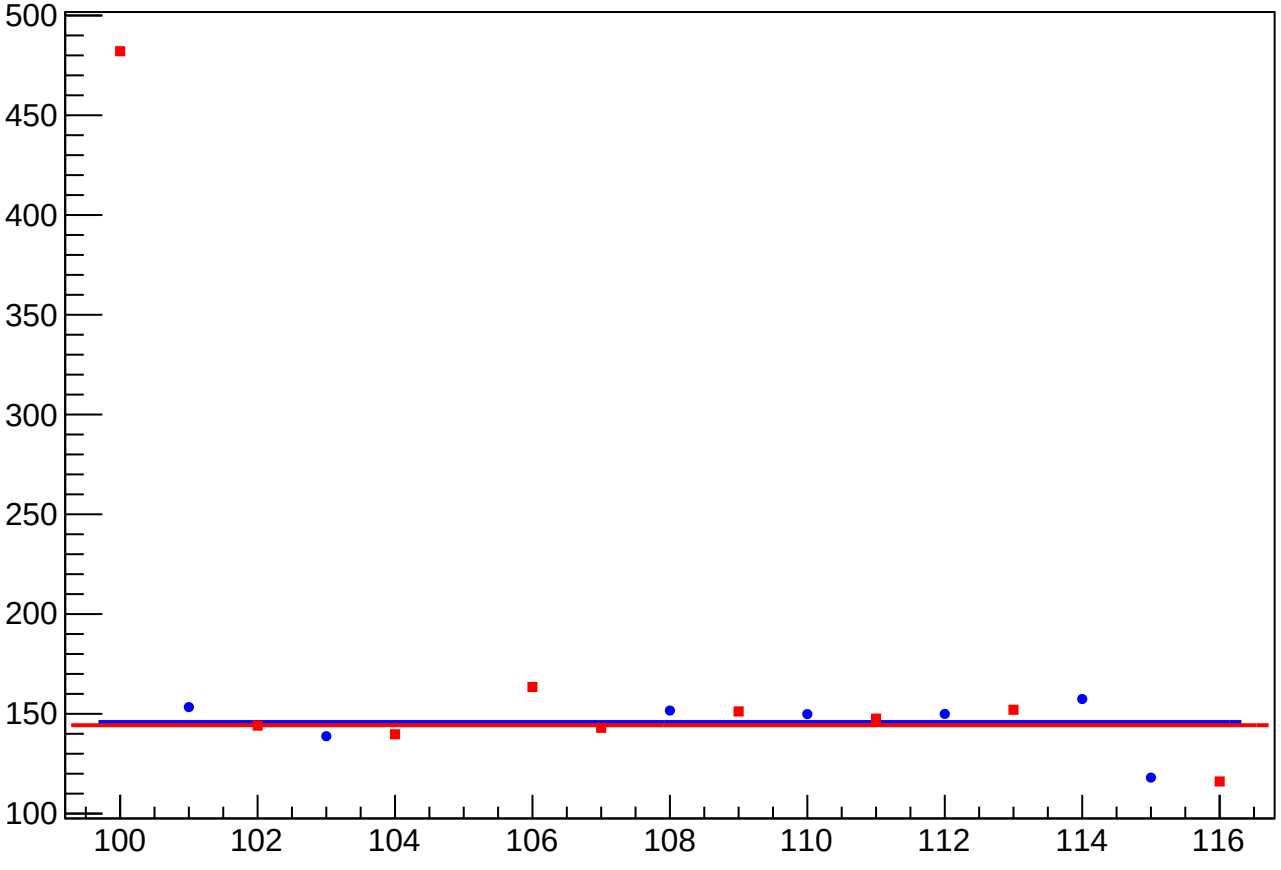
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 21.155+/-59.610 $\chi^2$/NDF: 17.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_26_48_dd_rms vs Slug




Right In: 145.873+/-0.064 $\chi^2$/NDF: 24431.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

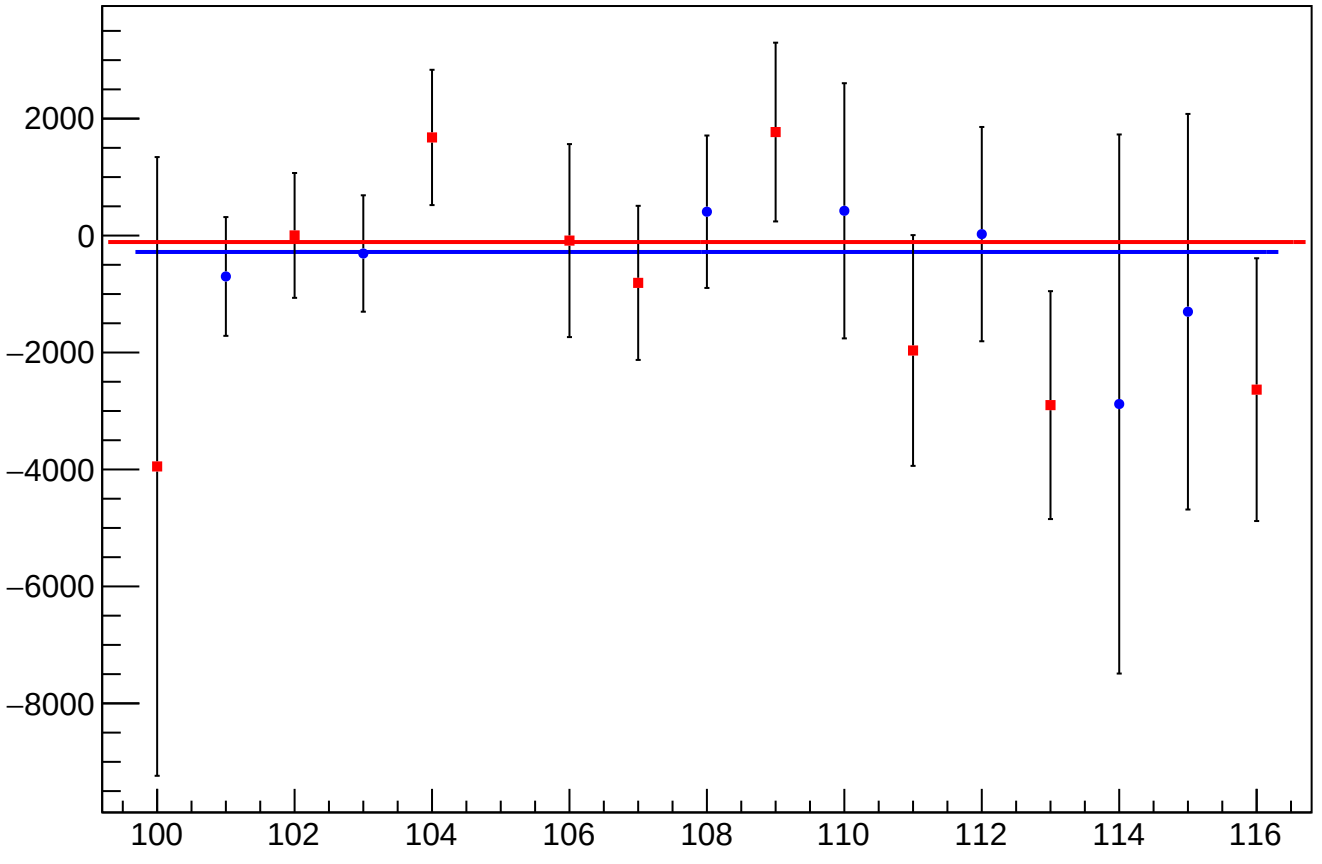
Right Out: 144.300+/-0.056 $\chi^2$/NDF: 112048.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 144.981+/-0.042 $\chi^2$/NDF: 136821.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -280.631+/-558.182 $\chi^2$/NDF: 1.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -110.685+/-516.389 $\chi^2$/NDF: 8.9/8

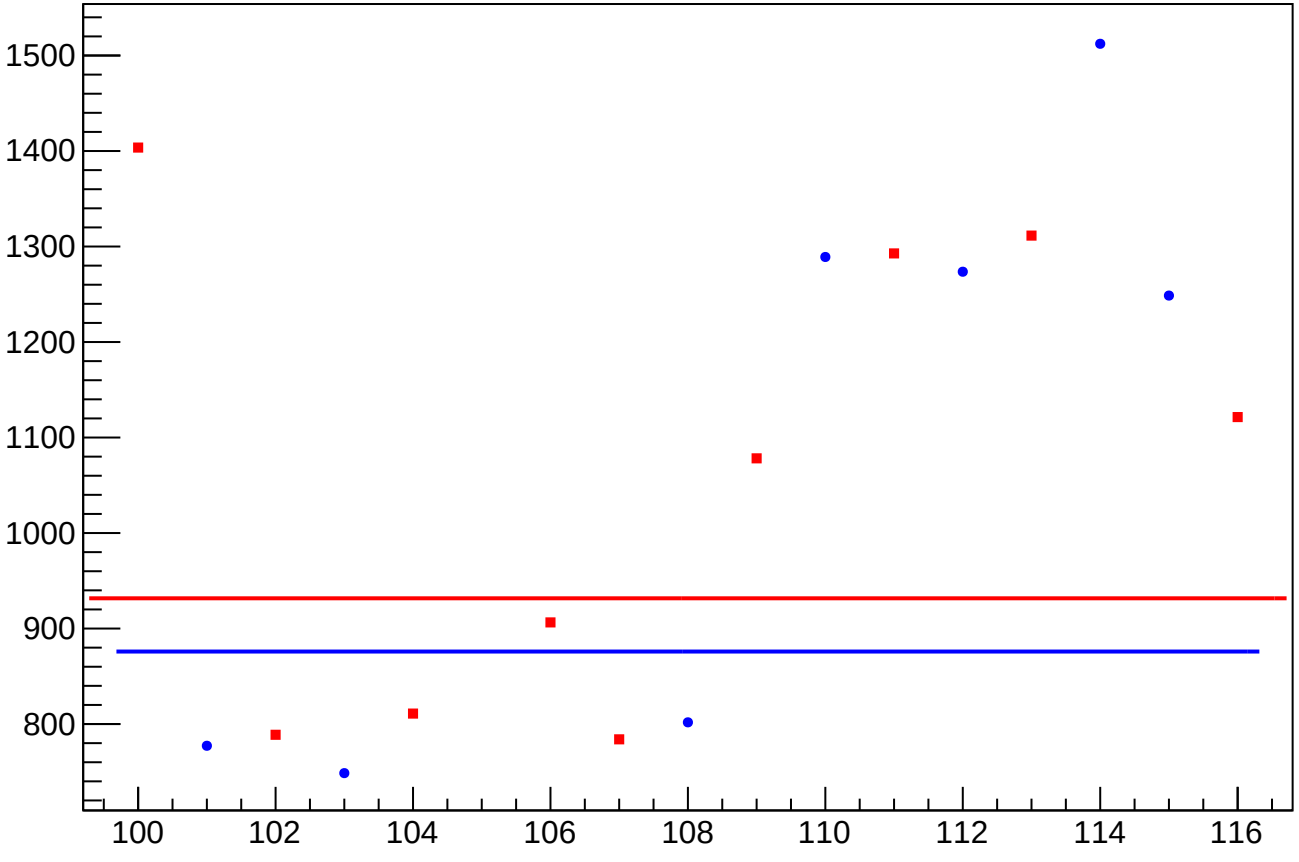
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -189.058+/-379.057 $\chi^2$/NDF: 10.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_48_dd_correction_rms vs Slug




Right In: 875.919+/-0.395 $\chi^2$/NDF: 286384.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 931.659+/-0.365 $\chi^2$/NDF: 274718.0/8

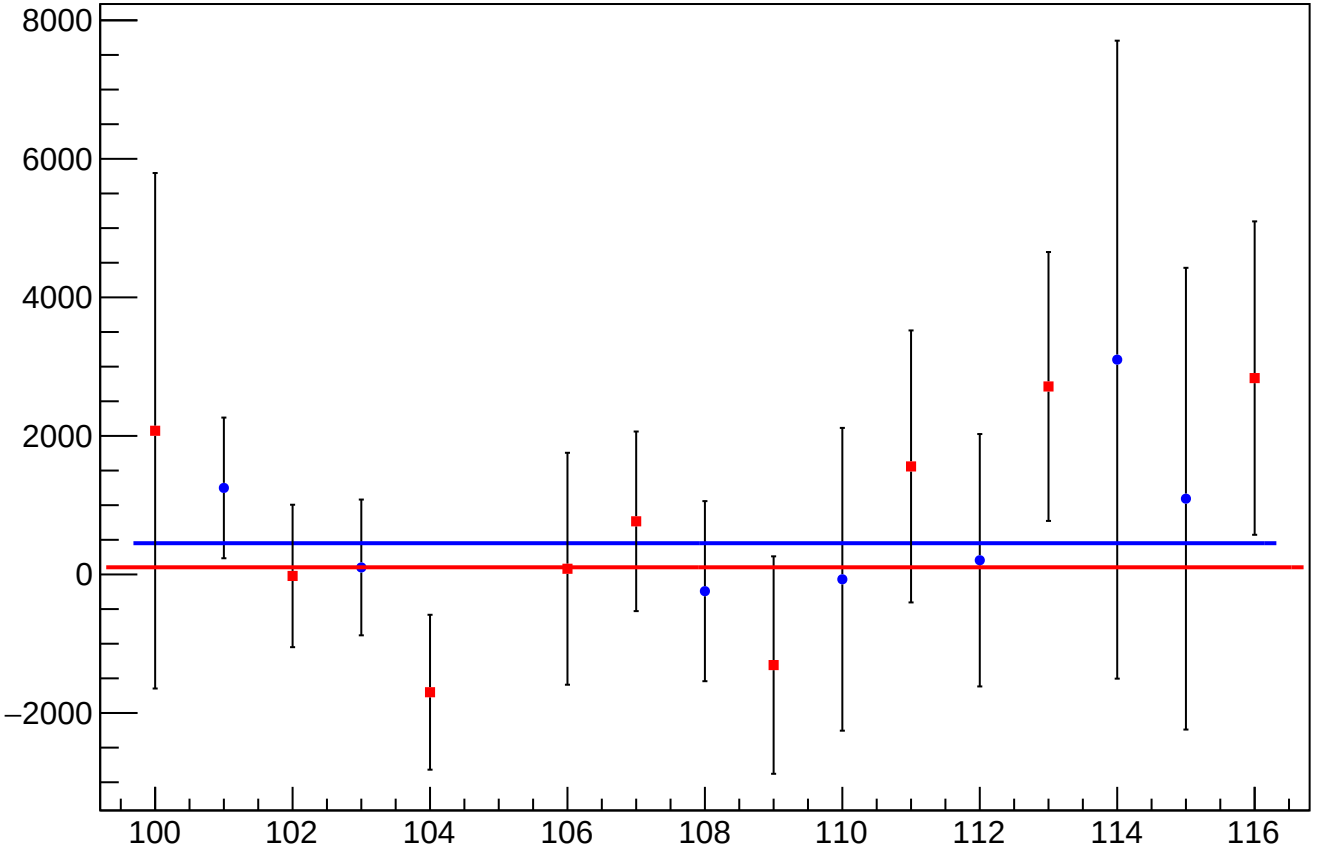
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 905.954+/-0.268 $\chi^2$/NDF: 571849.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_48_dd_mean vs Slug




Right In: 451.067+/-554.649 $\chi^2$/NDF: 1.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 103.381+/-506.632 $\chi^2$/NDF: 7.8/8

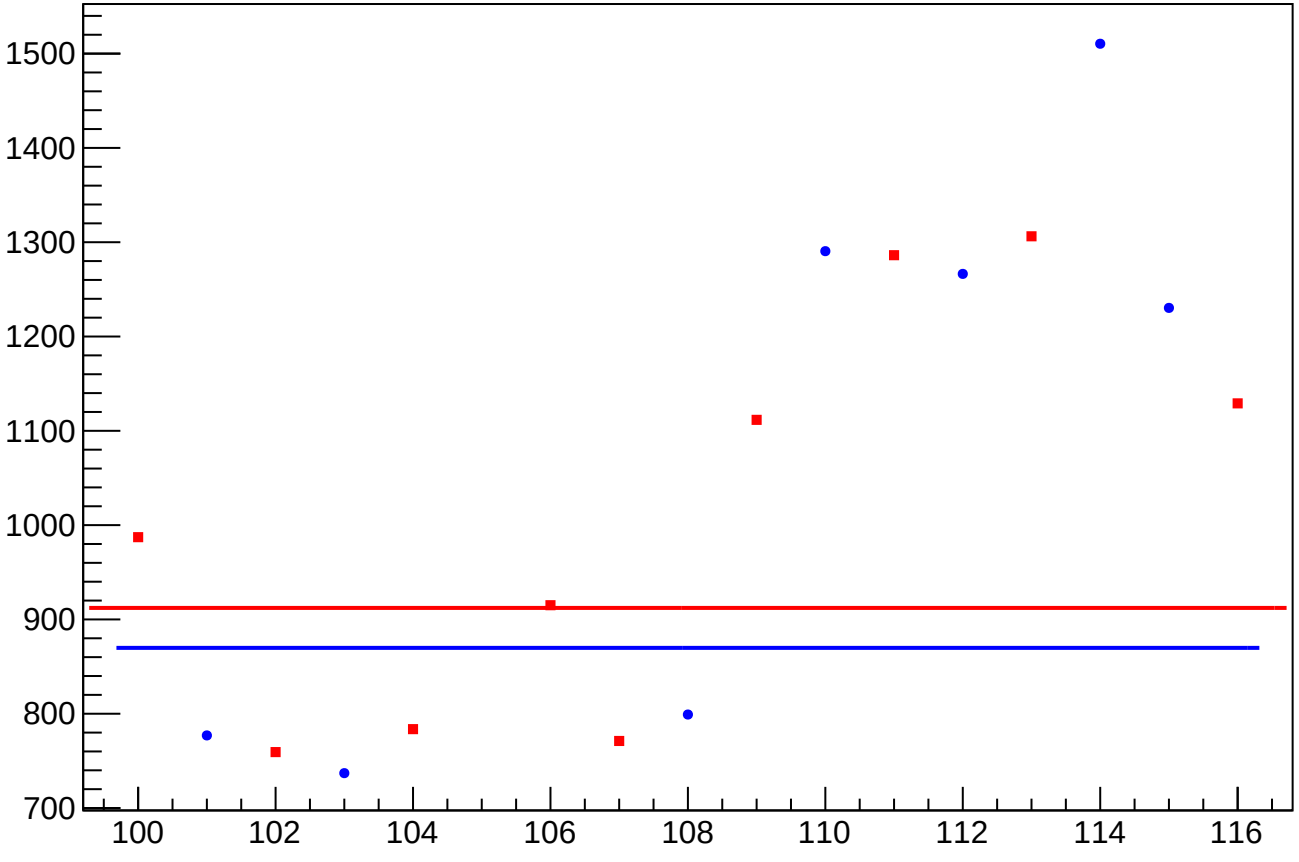
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 261.525+/-374.069 $\chi^2$/NDF: 9.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_26_48_dd_rms vs Slug




Right In: 869.844+/-0.392 $\chi^2$/NDF: 290343.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 912.207+/-0.358 $\chi^2$/NDF: 300858.1/8

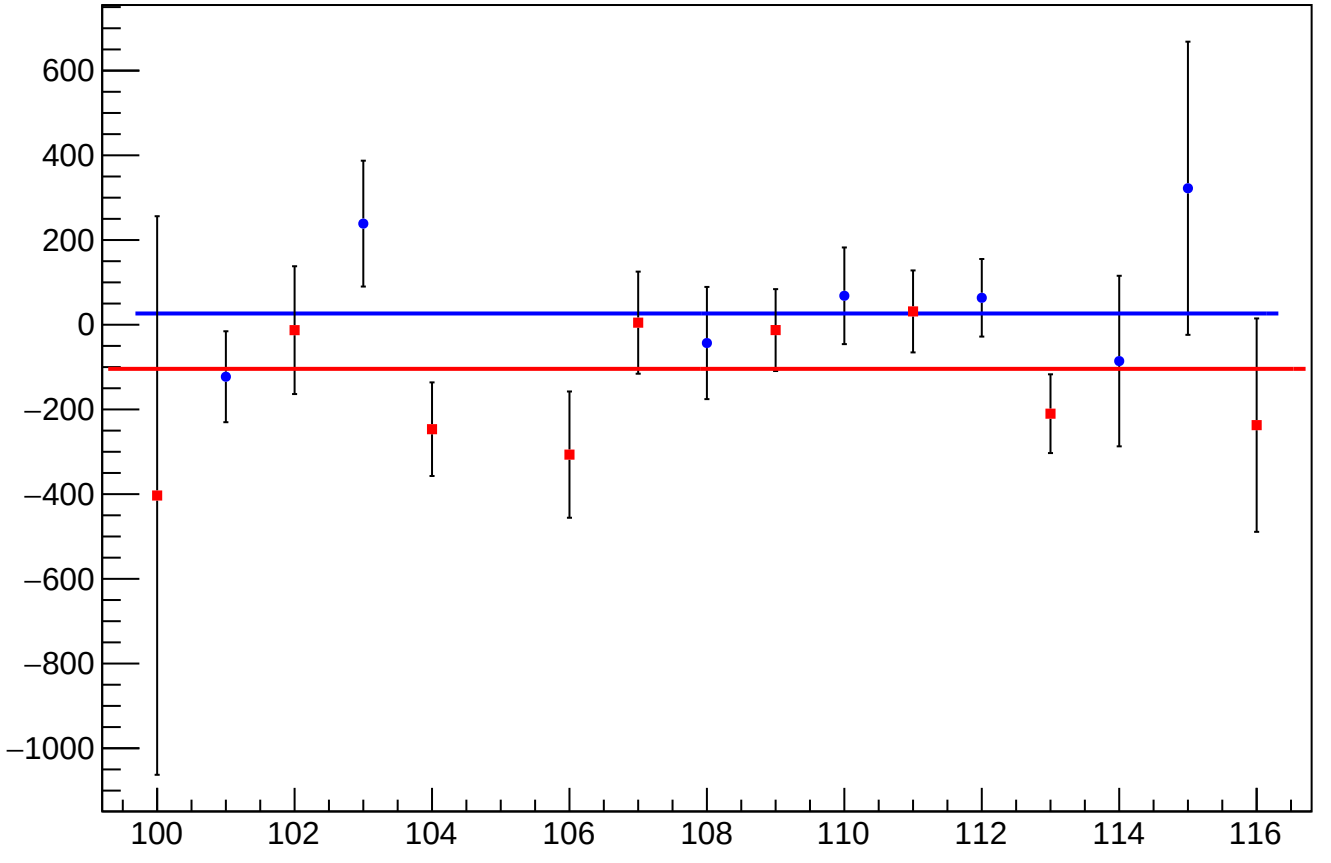
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 892.939+/-0.265 $\chi^2$/NDF: 597562.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1548_avg_mean vs Slug




Right In: 26.550+/-48.909 $\chi^2$/NDF: 5.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -104.180+/-41.271 $\chi^2$/NDF: 9.3/8

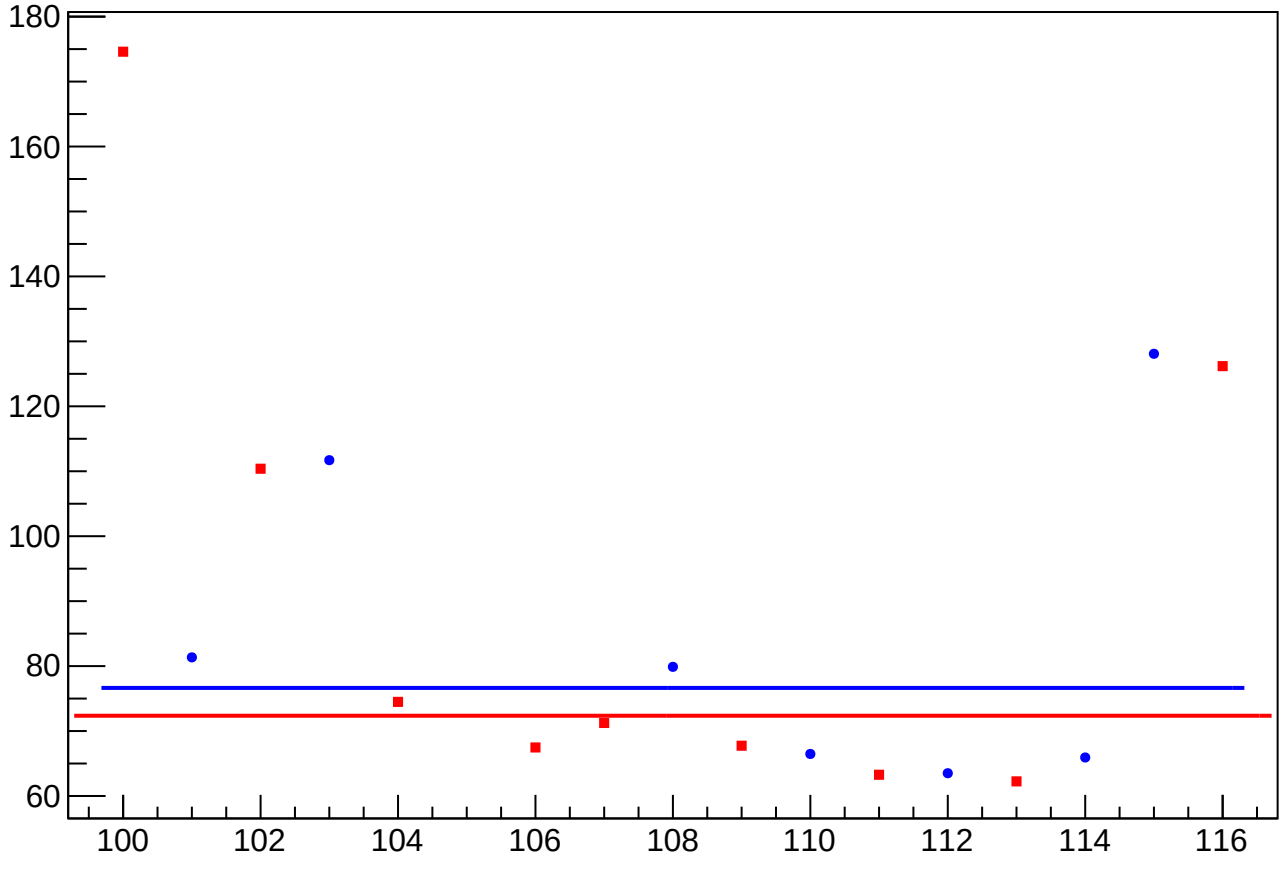
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -49.810+/-31.542 $\chi^2$/NDF: 19.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1548_avg_rms vs Slug




Right In: 76.642+/-0.035 $\chi^2$/NDF: 223278.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 72.355+/-0.029 $\chi^2$/NDF: 315325.9/8

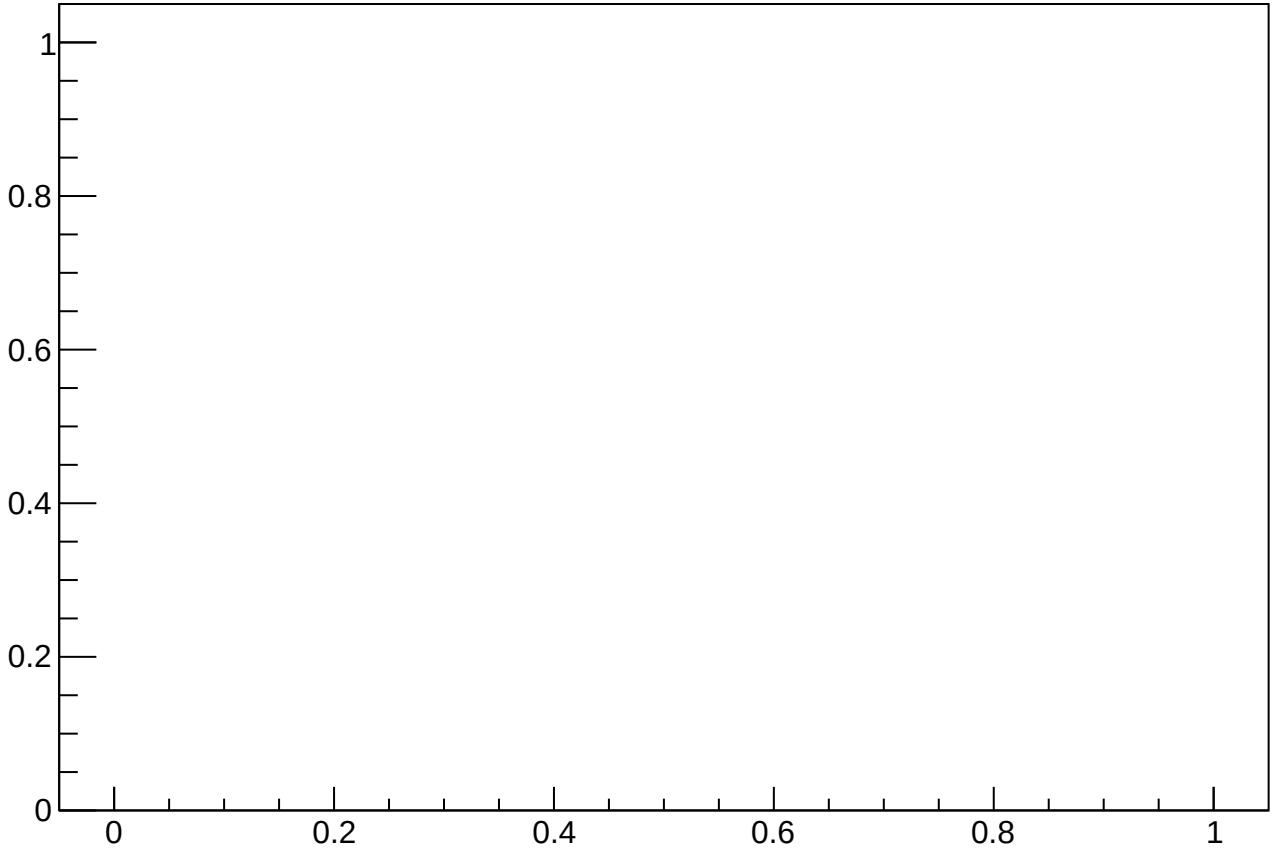
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 74.138+/-0.022 $\chi^2$/NDF: 547578.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1548_avg_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

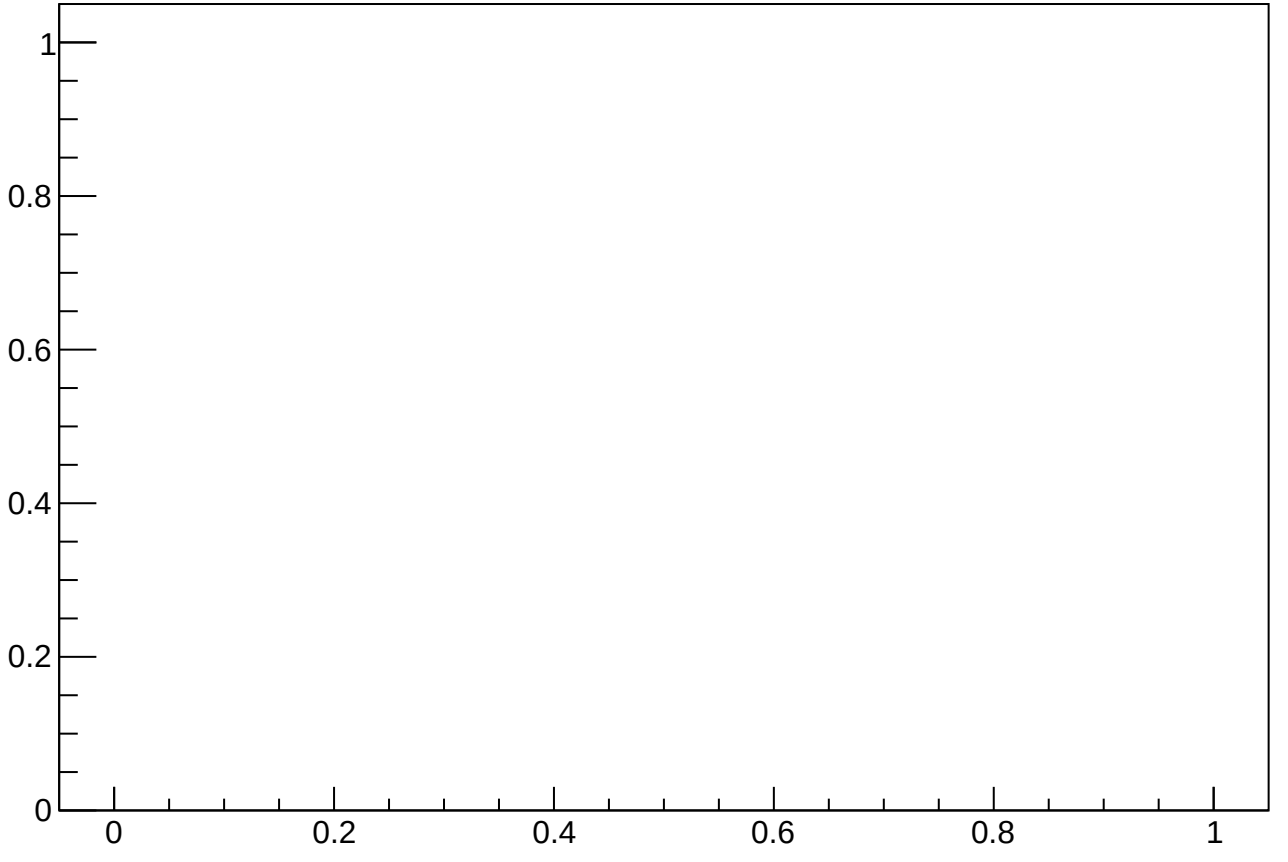
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1548_avg_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

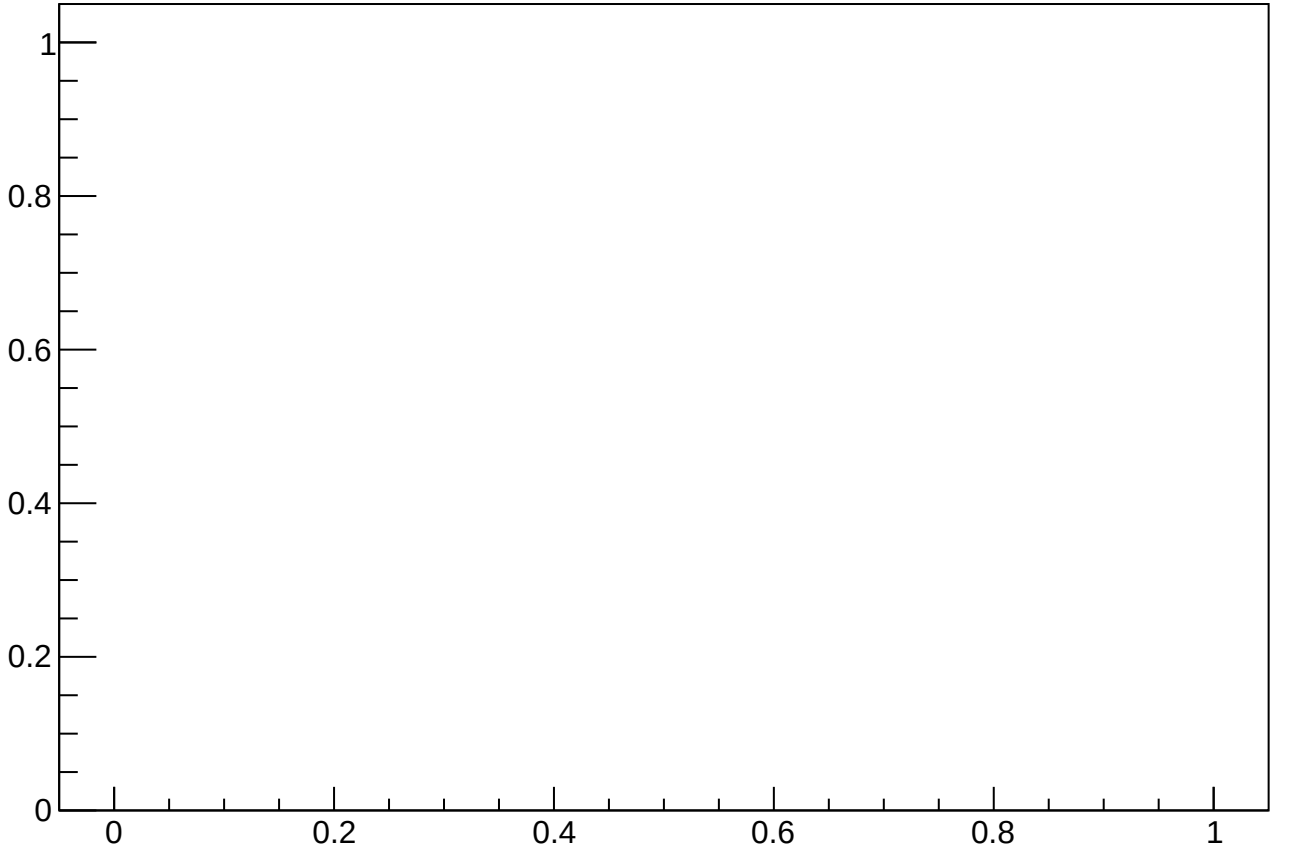
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1548_avg_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

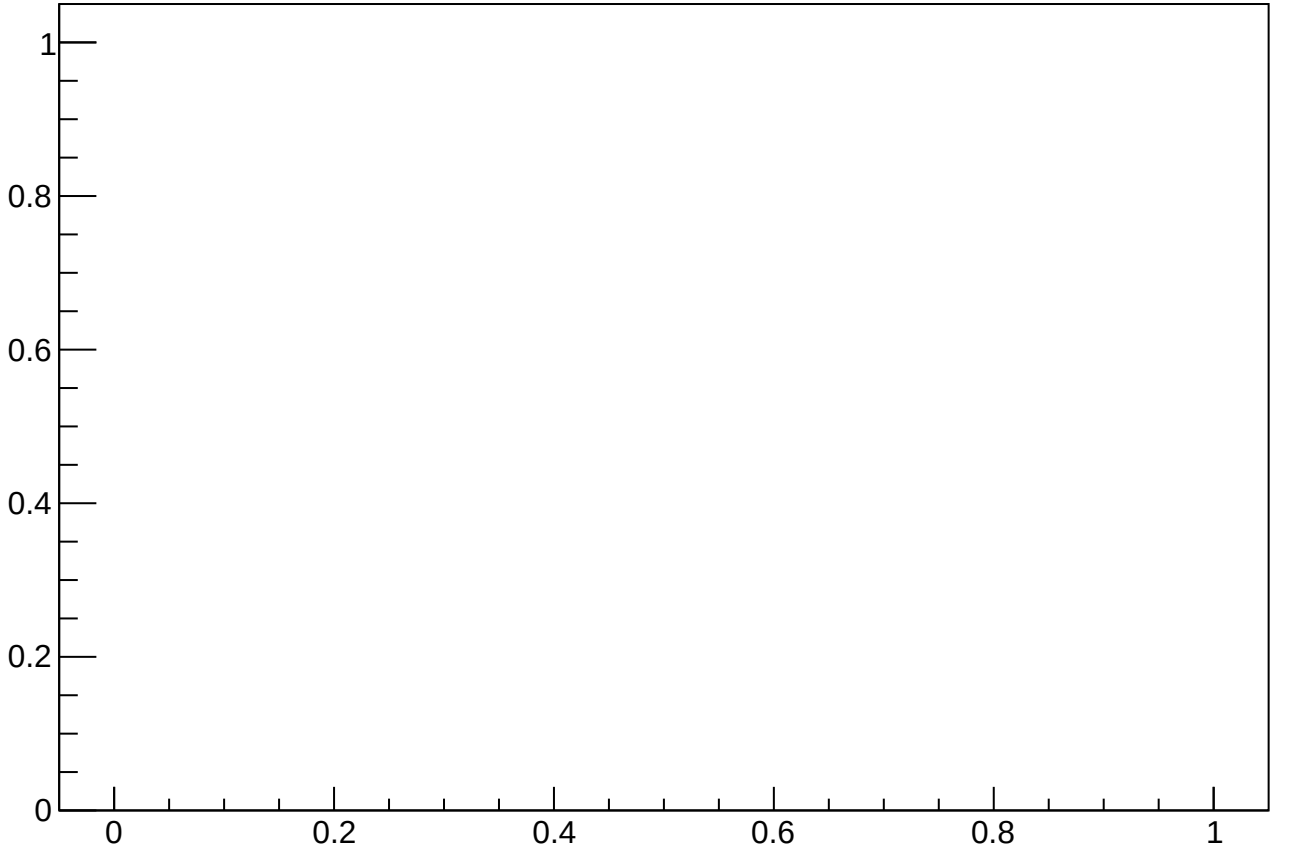
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1548_avg_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

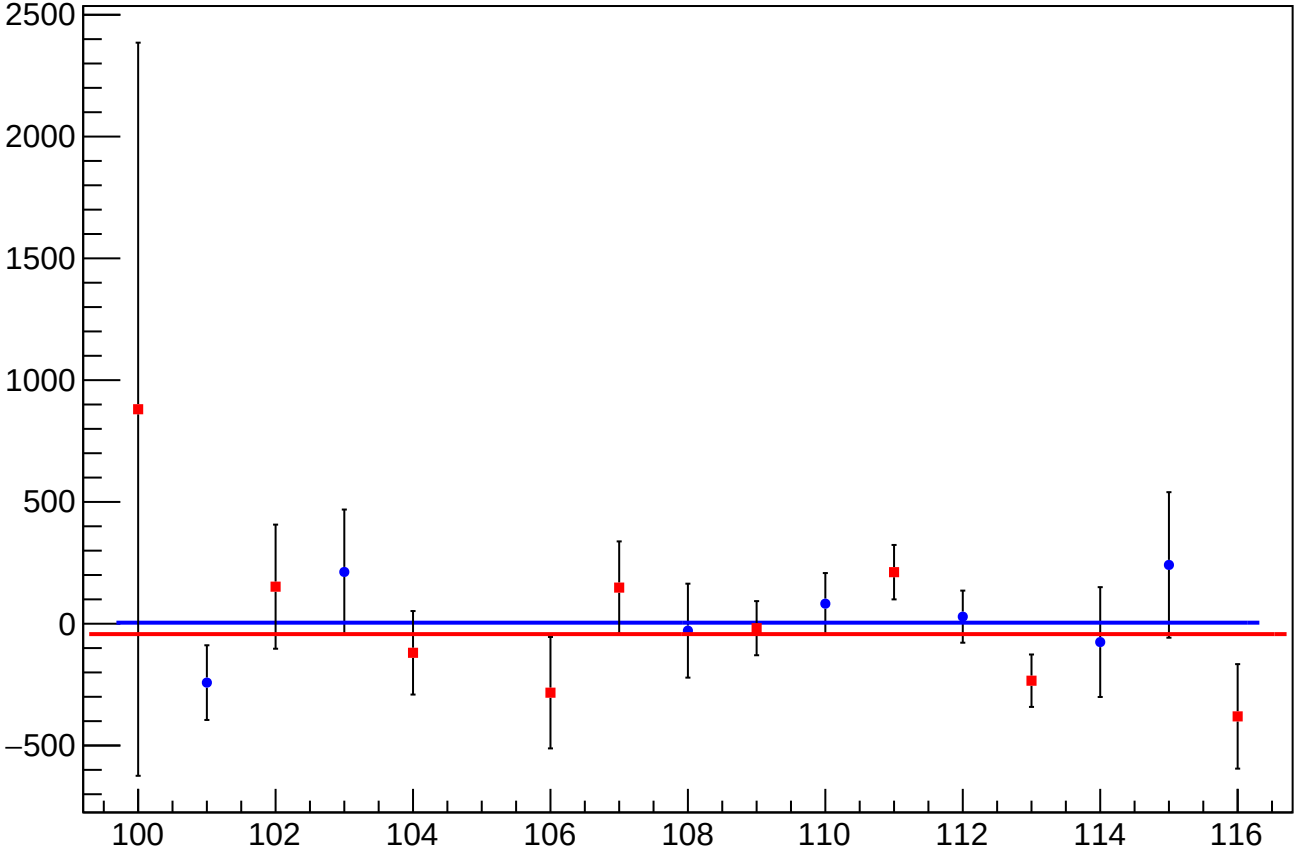
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_3748_avg_mean vs Slug




Right In: 4.293+/-61.291 $\chi^2$/NDF: 4.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -42.646+/-52.277 $\chi^2$/NDF: 14.1/8

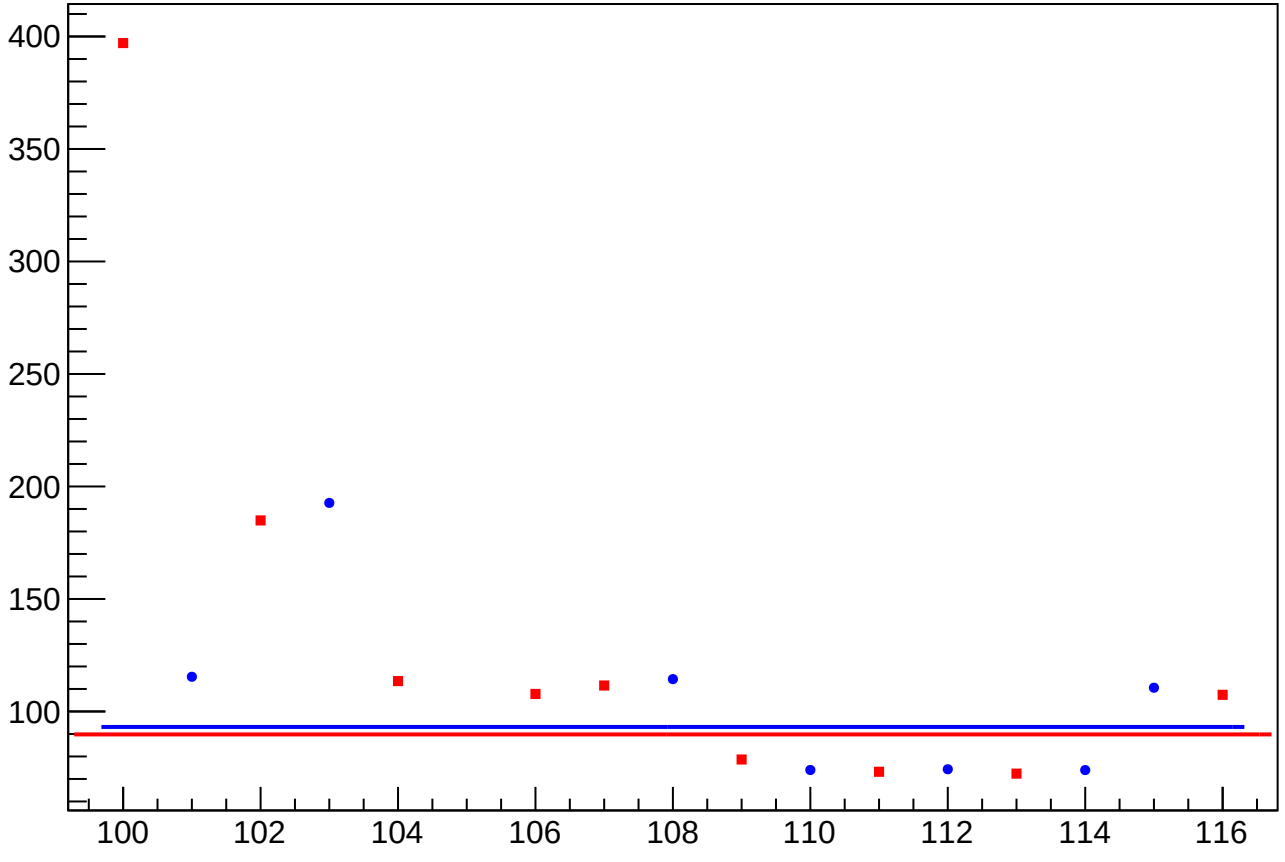
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -22.879+/-39.775 $\chi^2$/NDF: 18.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_3748_avg_rms vs Slug




Right In: 93.121+/-0.043 $\chi^2$/NDF: 497944.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 89.802+/-0.037 $\chi^2$/NDF: 569131.3/8

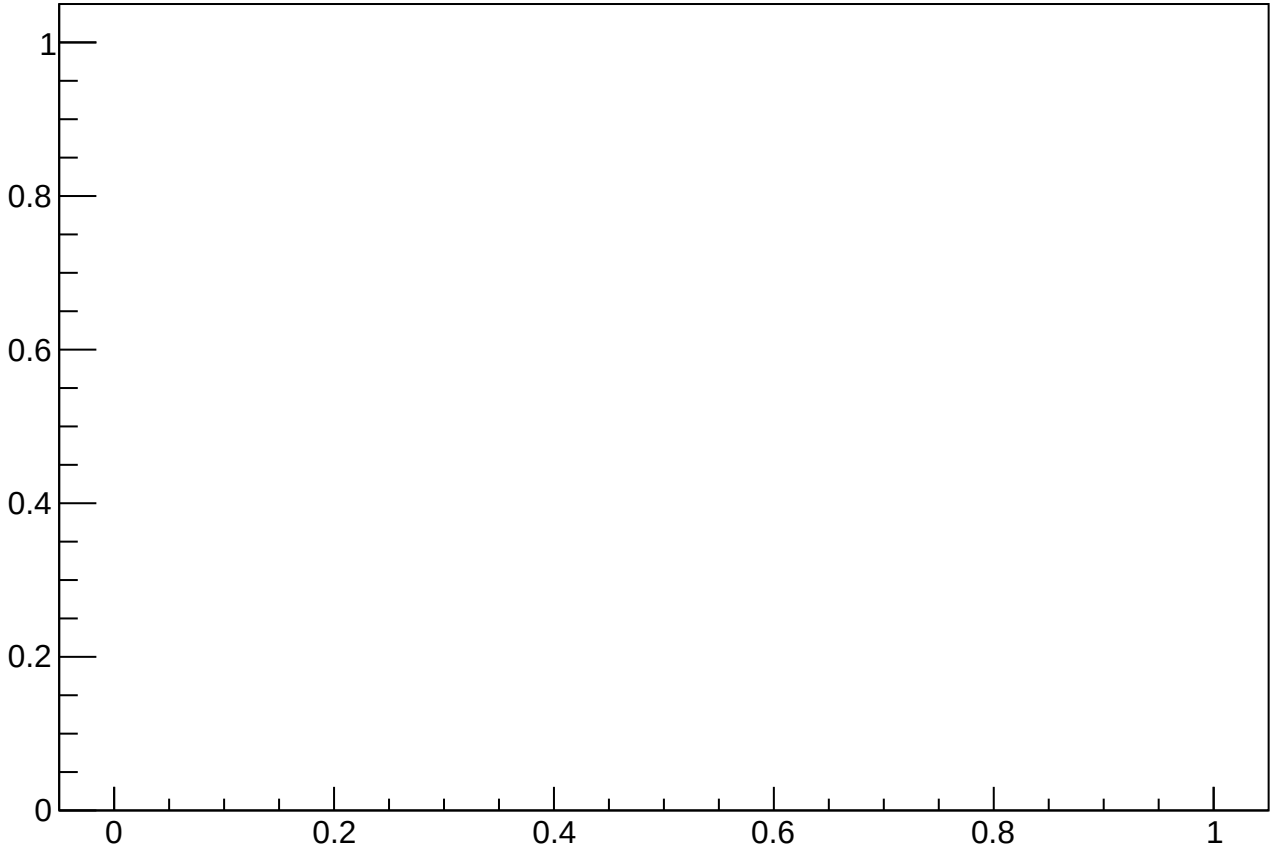
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 91.200+/-0.028 $\chi^2$/NDF: 1070471.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3748_avg_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

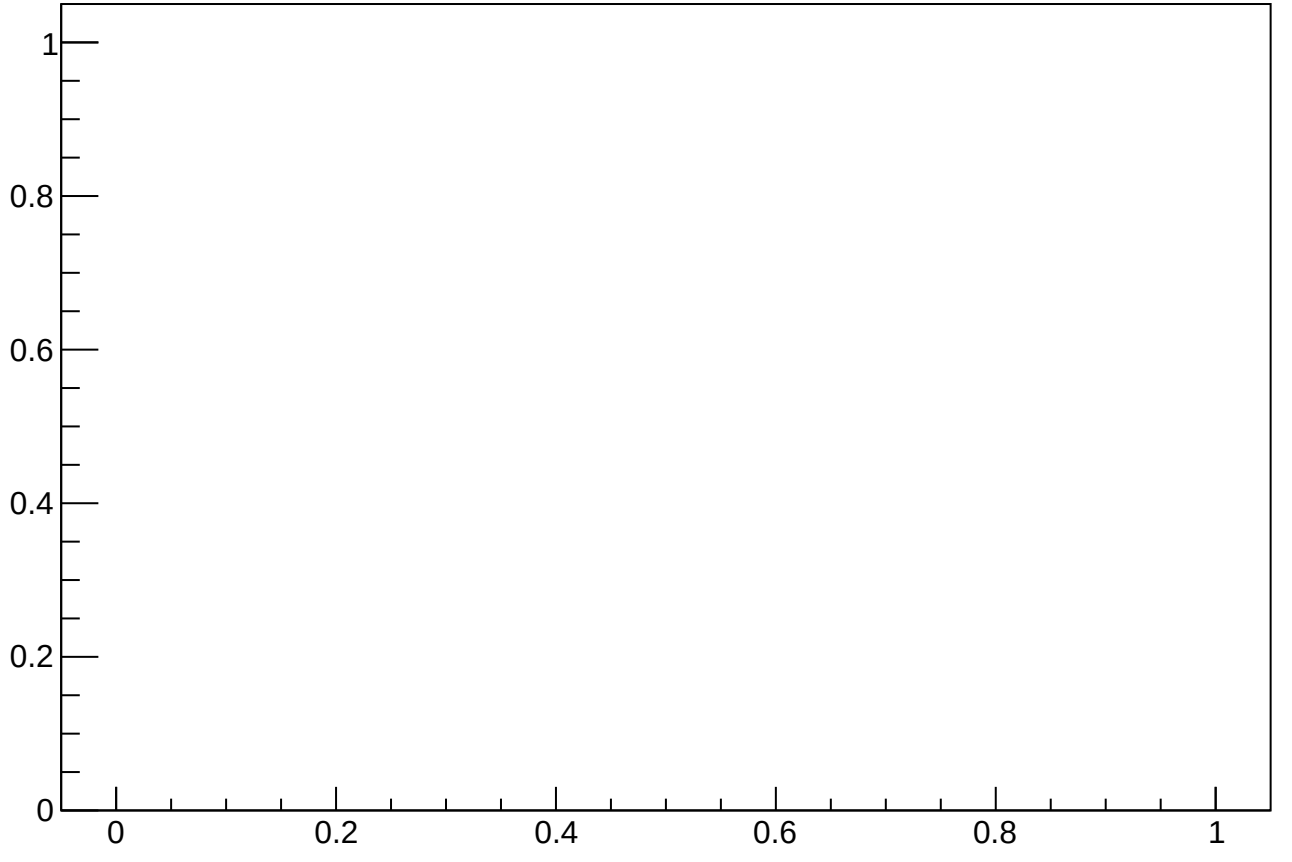
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3748_avg_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

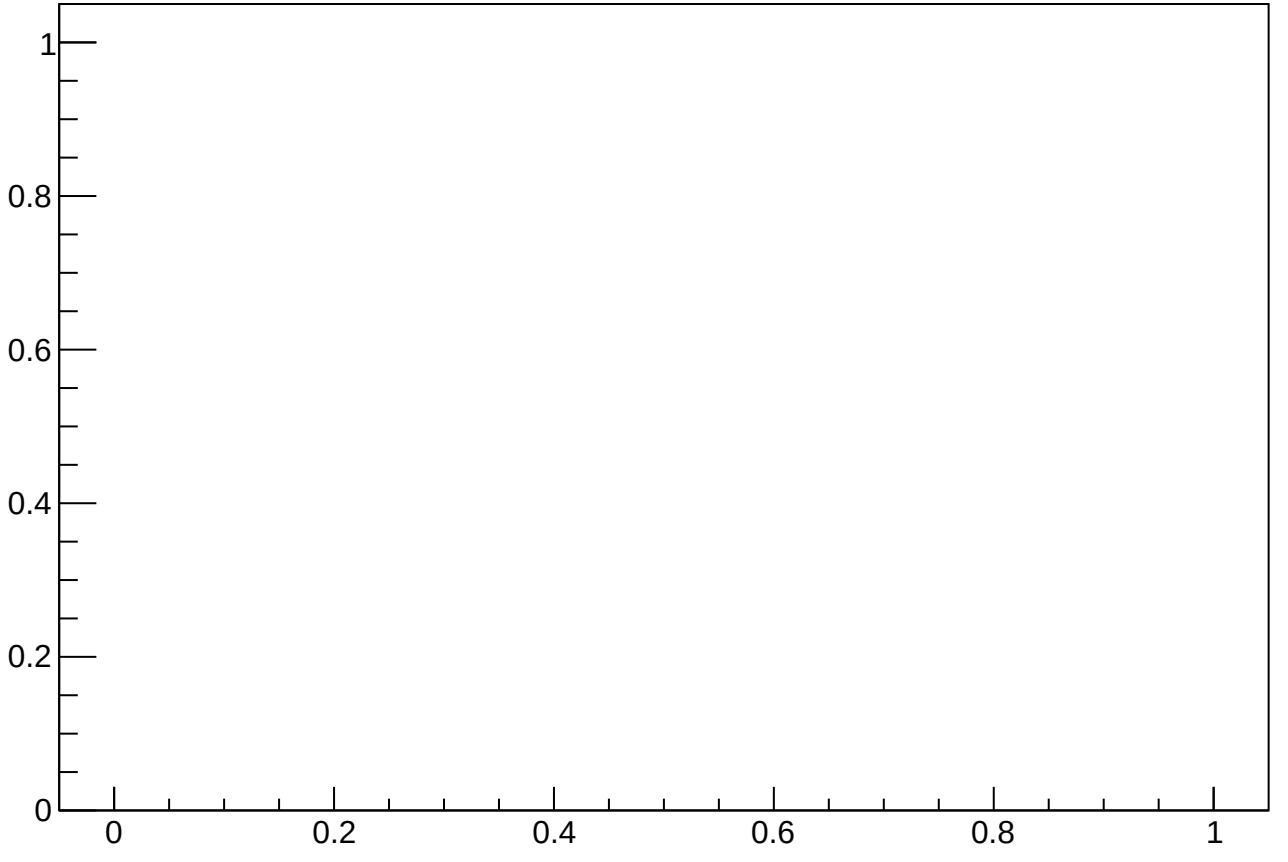
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3748_avg_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

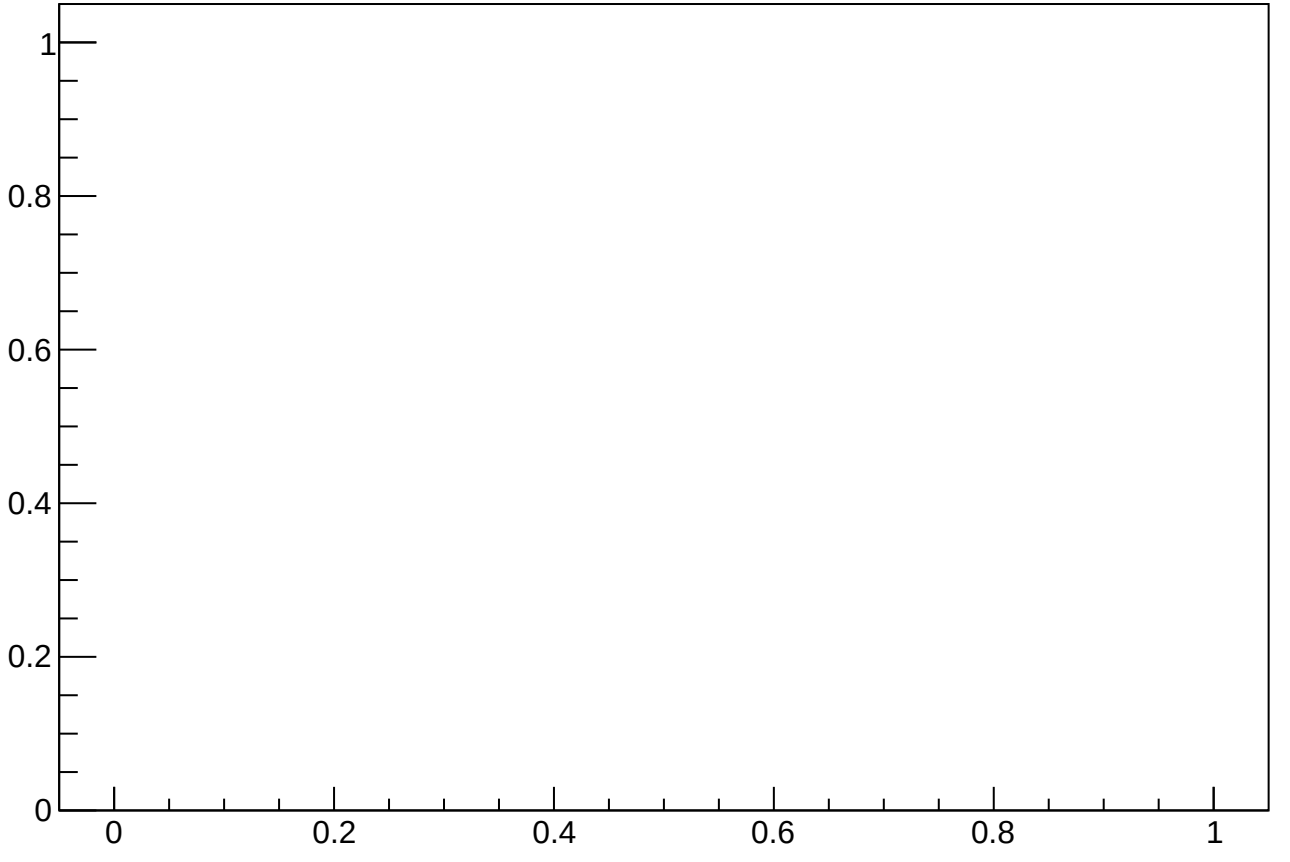
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3748_avg_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

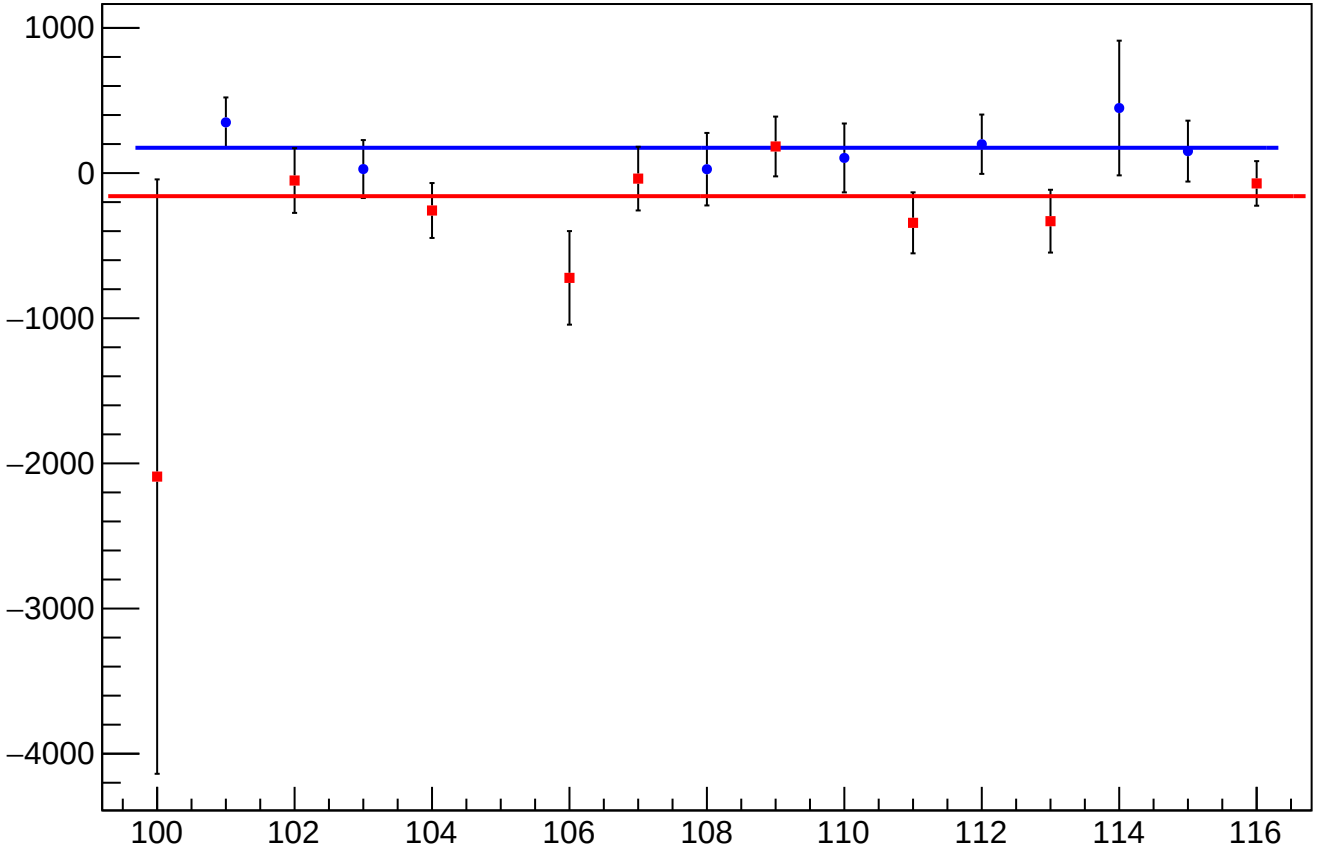
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1526_avg_mean vs Slug




Right In: 174.326+/-83.285 $\chi^2$/NDF: 2.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -159.050+/-72.799 $\chi^2$/NDF: 9.2/8

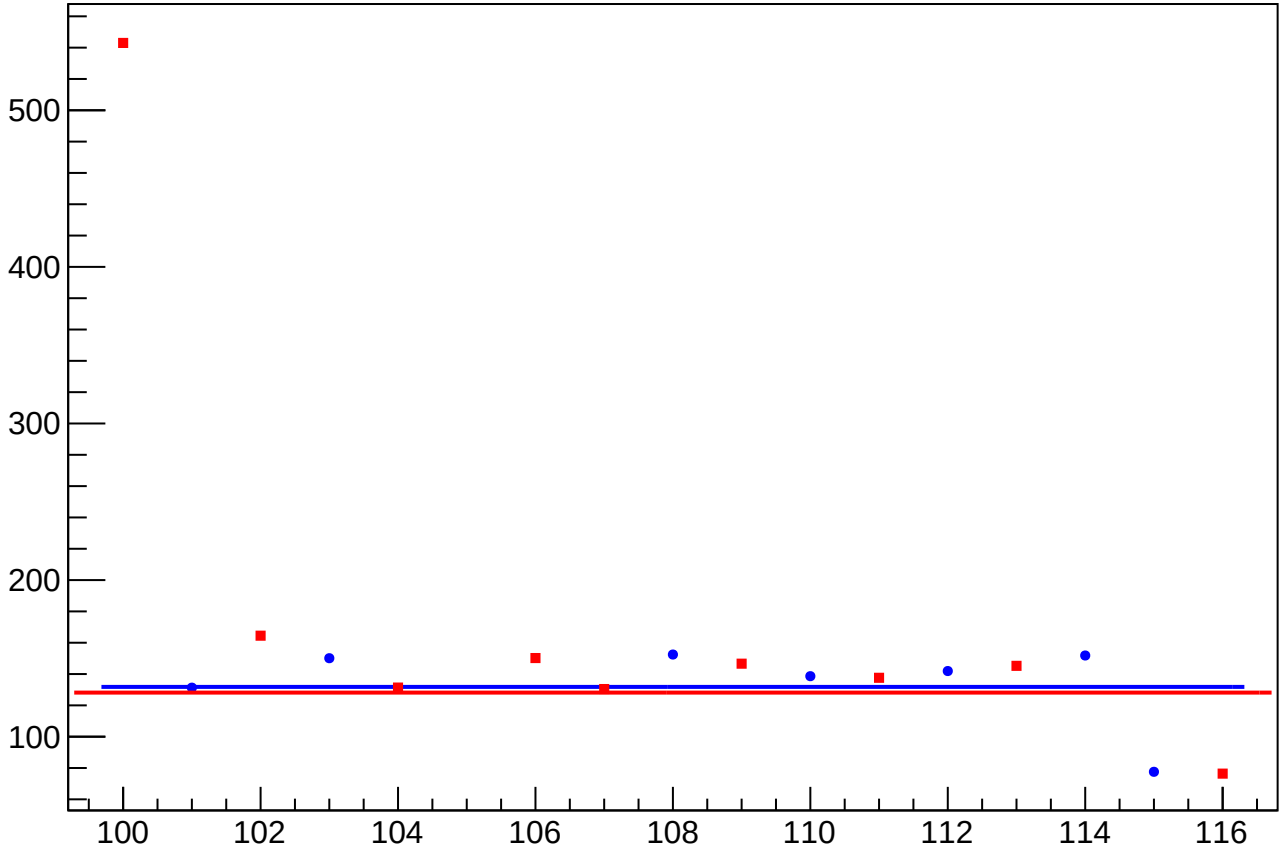
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -14.659+/-54.811 $\chi^2$/NDF: 20.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1526_avg_rms vs Slug




Right In: 131.795+/-0.059 $\chi^2$/NDF: 174488.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 128.155+/-0.051 $\chi^2$/NDF: 404995.0/8

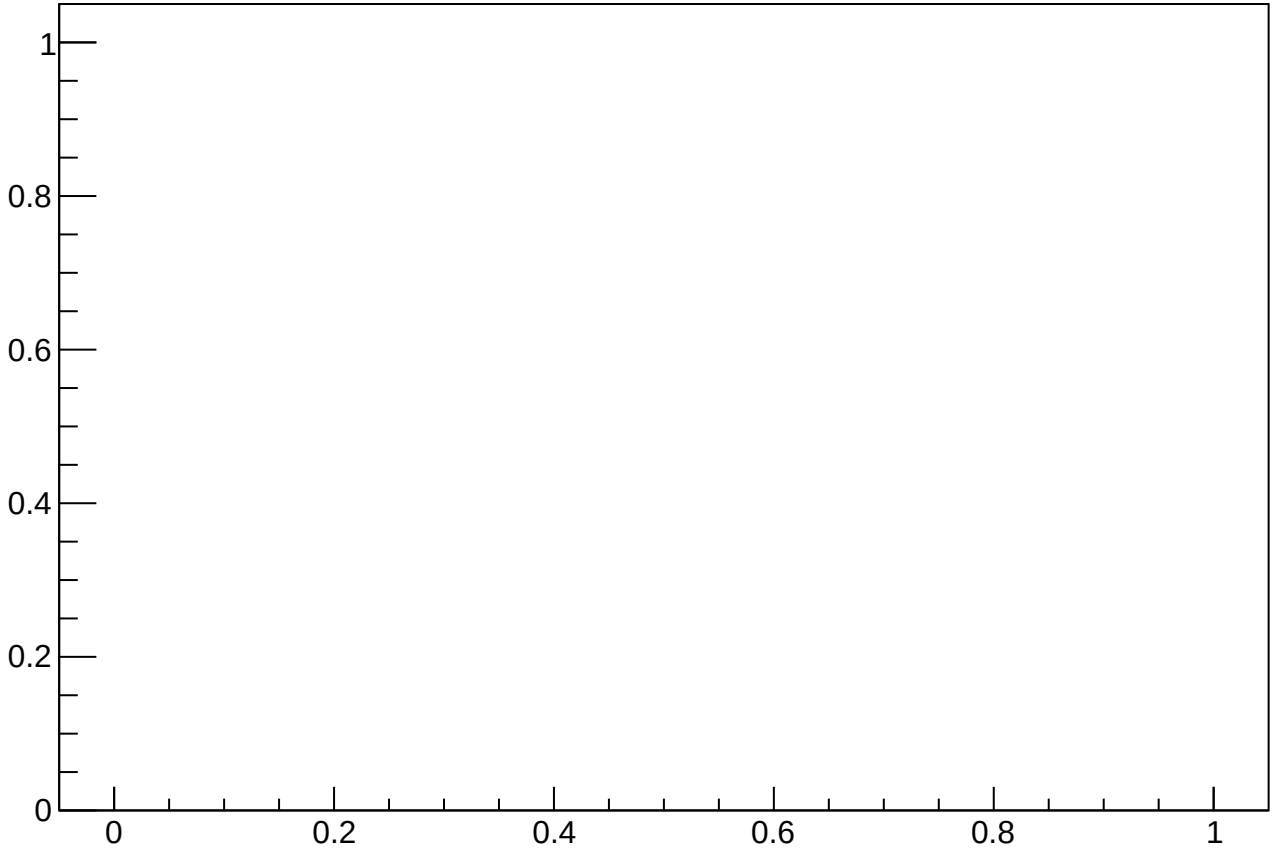
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 129.731+/-0.039 $\chi^2$/NDF: 581649.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1526_avg_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

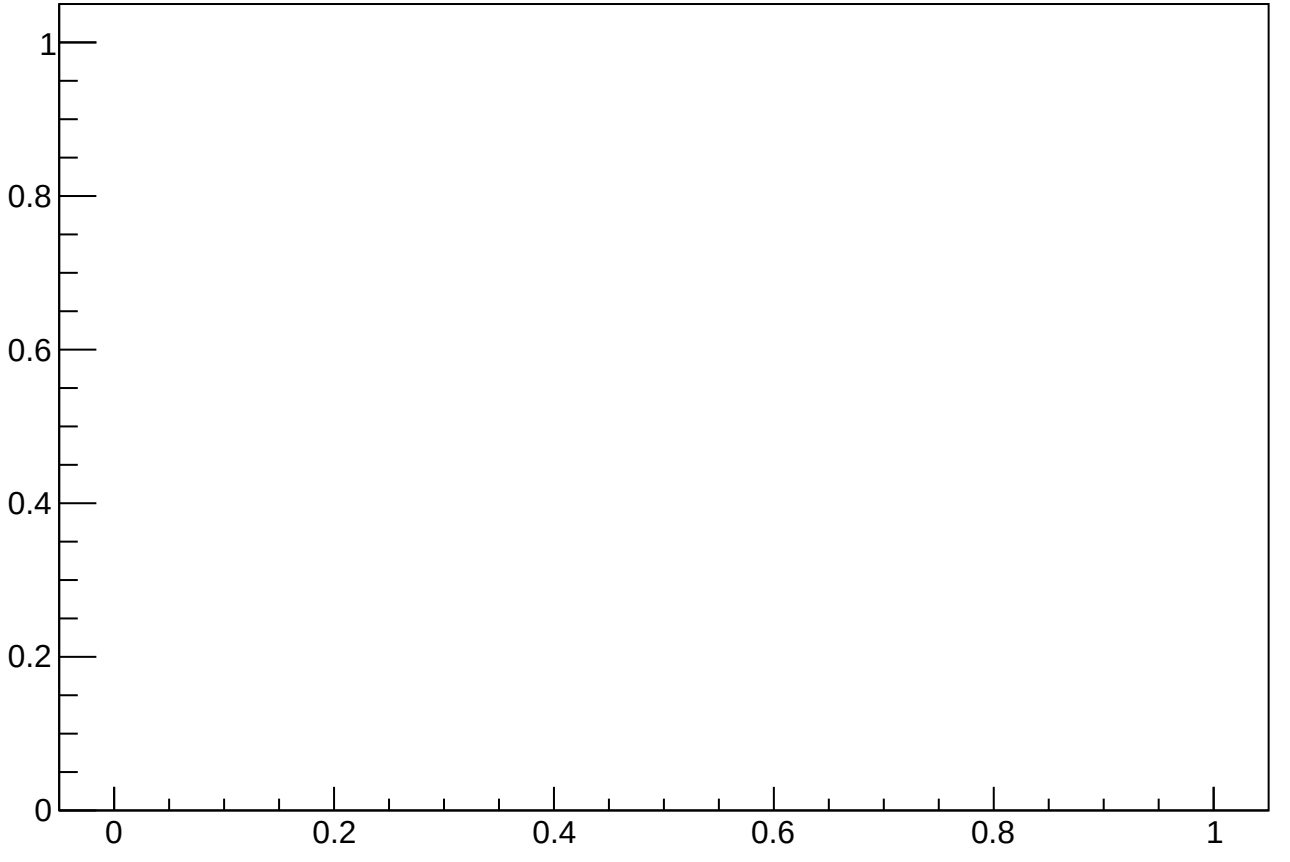
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1526_avg_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

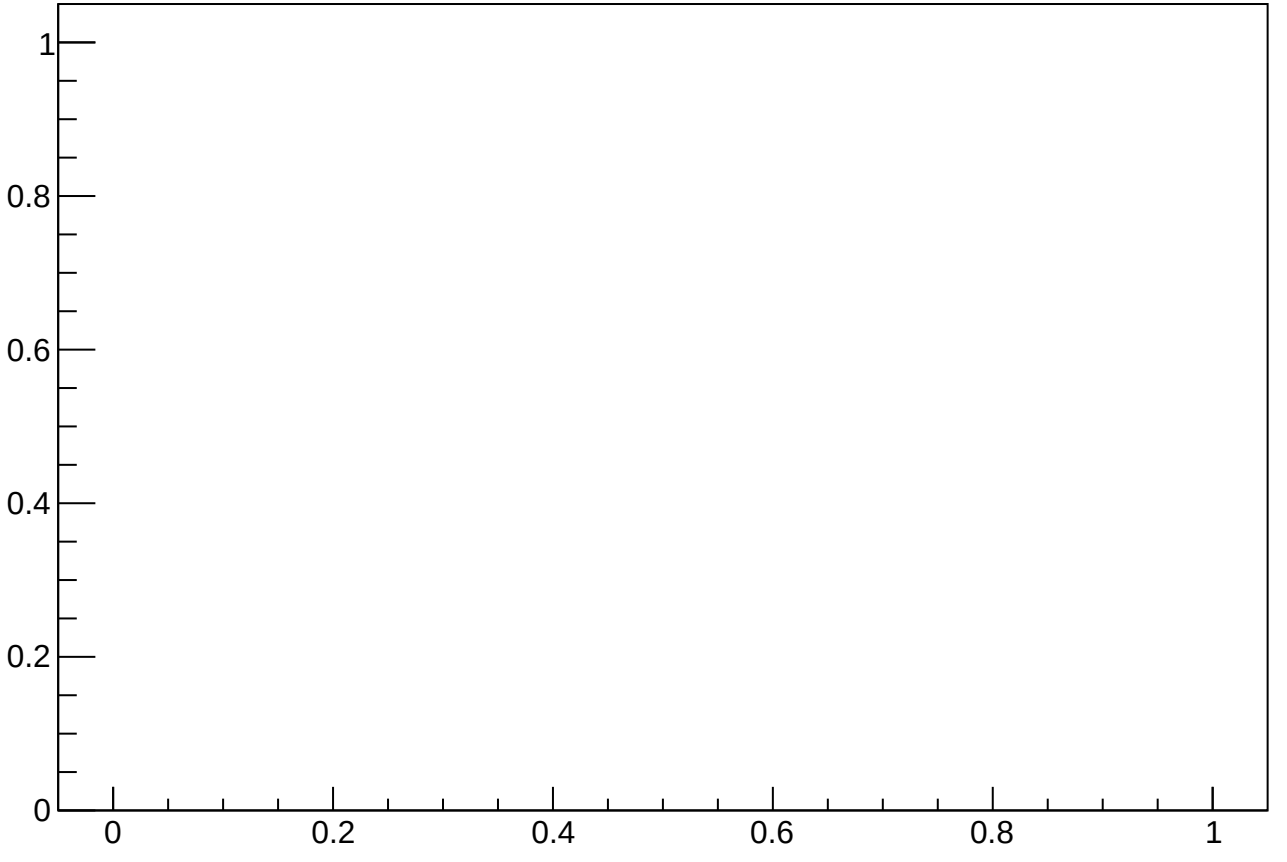
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1526_avg_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

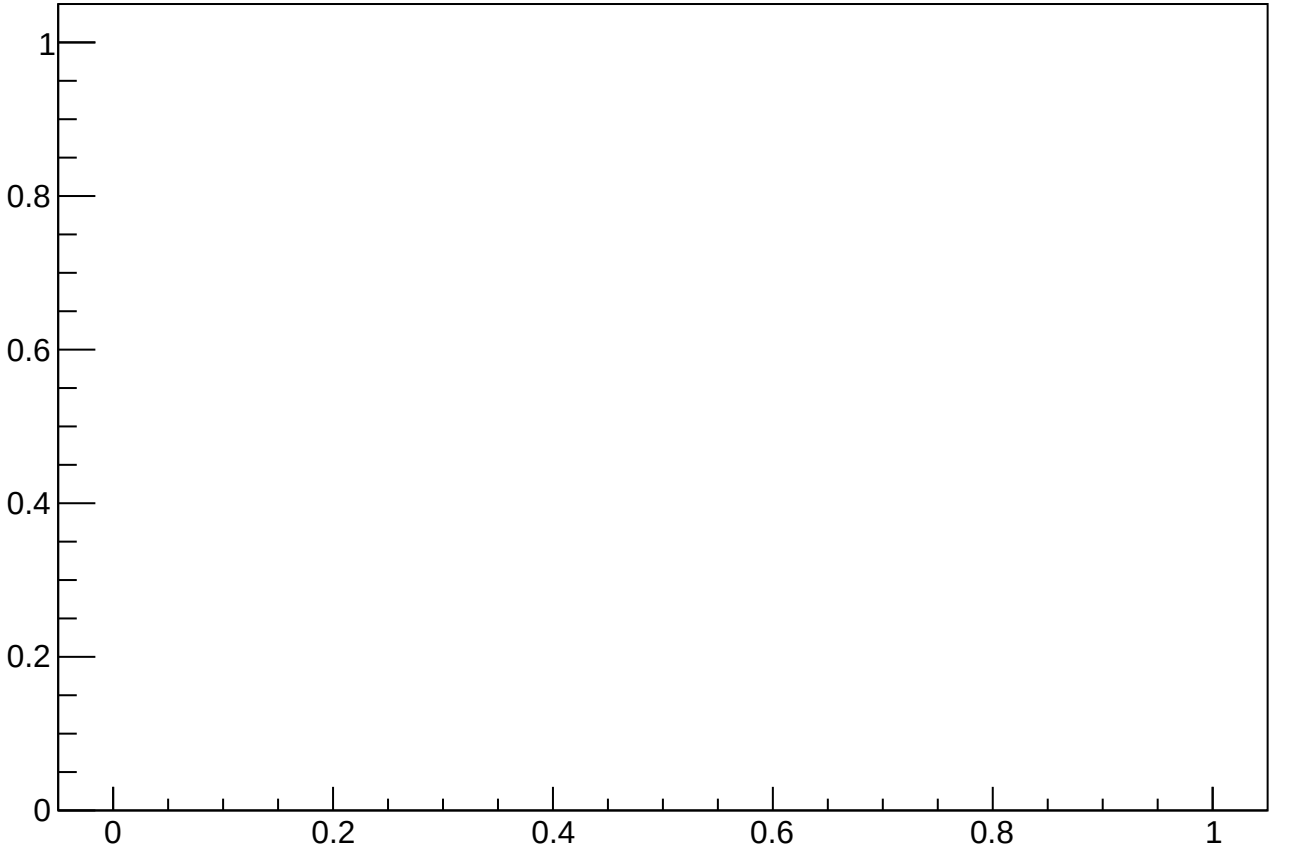
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1526_avg_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

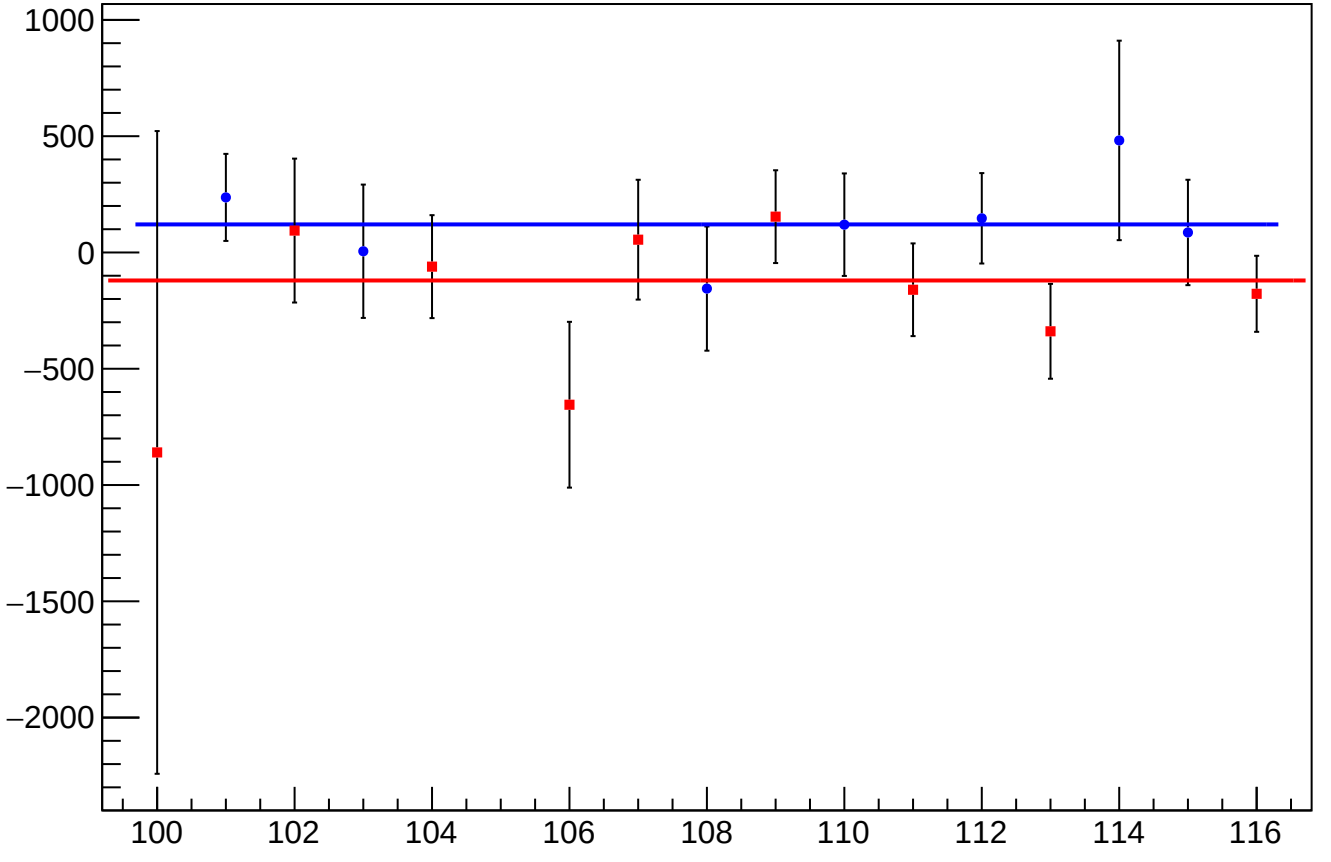
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_3726_avg_mean vs Slug




Right In: 120.677+/-88.840 $\chi^2$/NDF: 2.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -120.419+/-77.601 $\chi^2$/NDF: 6.8/8

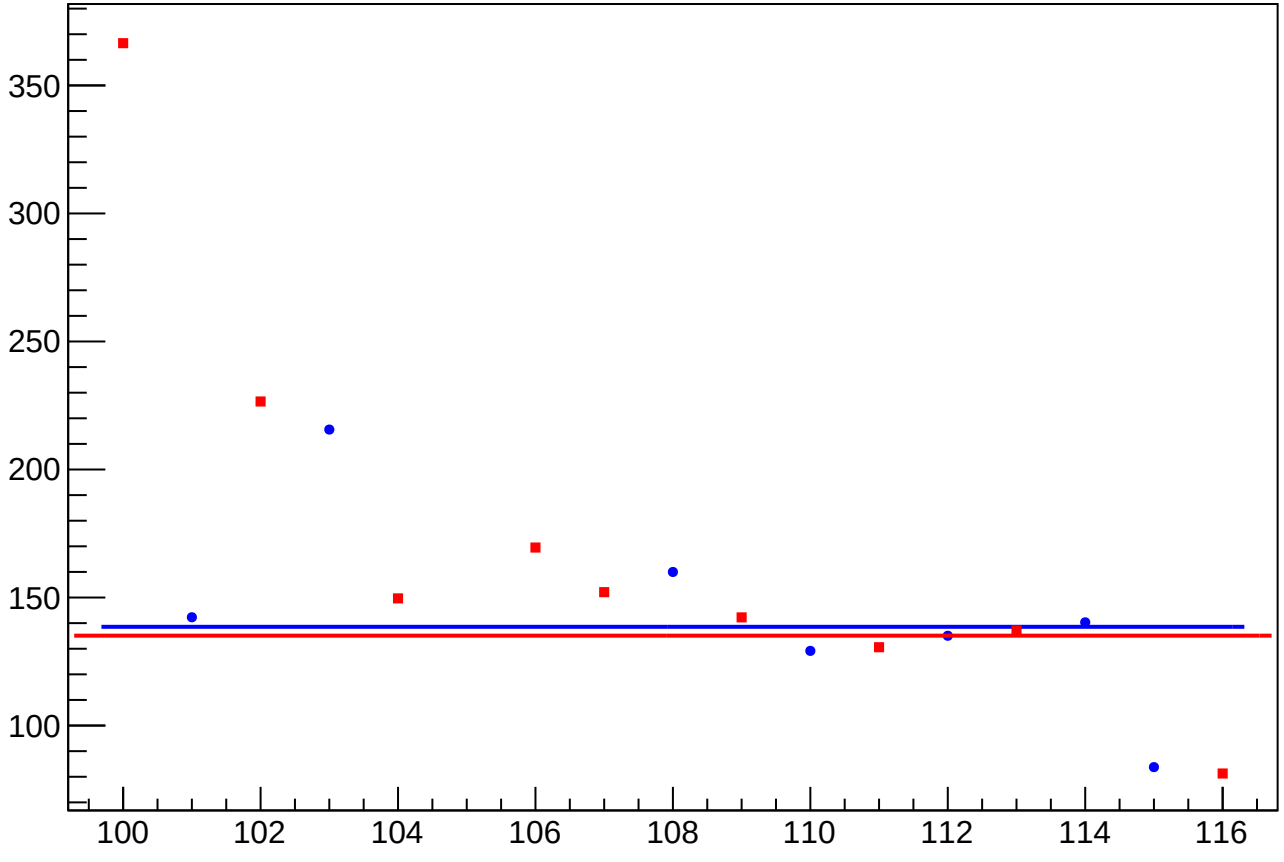
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -16.078+/-58.444 $\chi^2$/NDF: 13.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_3726_avg_rms vs Slug




Right In: 138.567+/-0.063 $\chi^2$/NDF: 279346.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 135.111+/-0.055 $\chi^2$/NDF: 487529.1/8

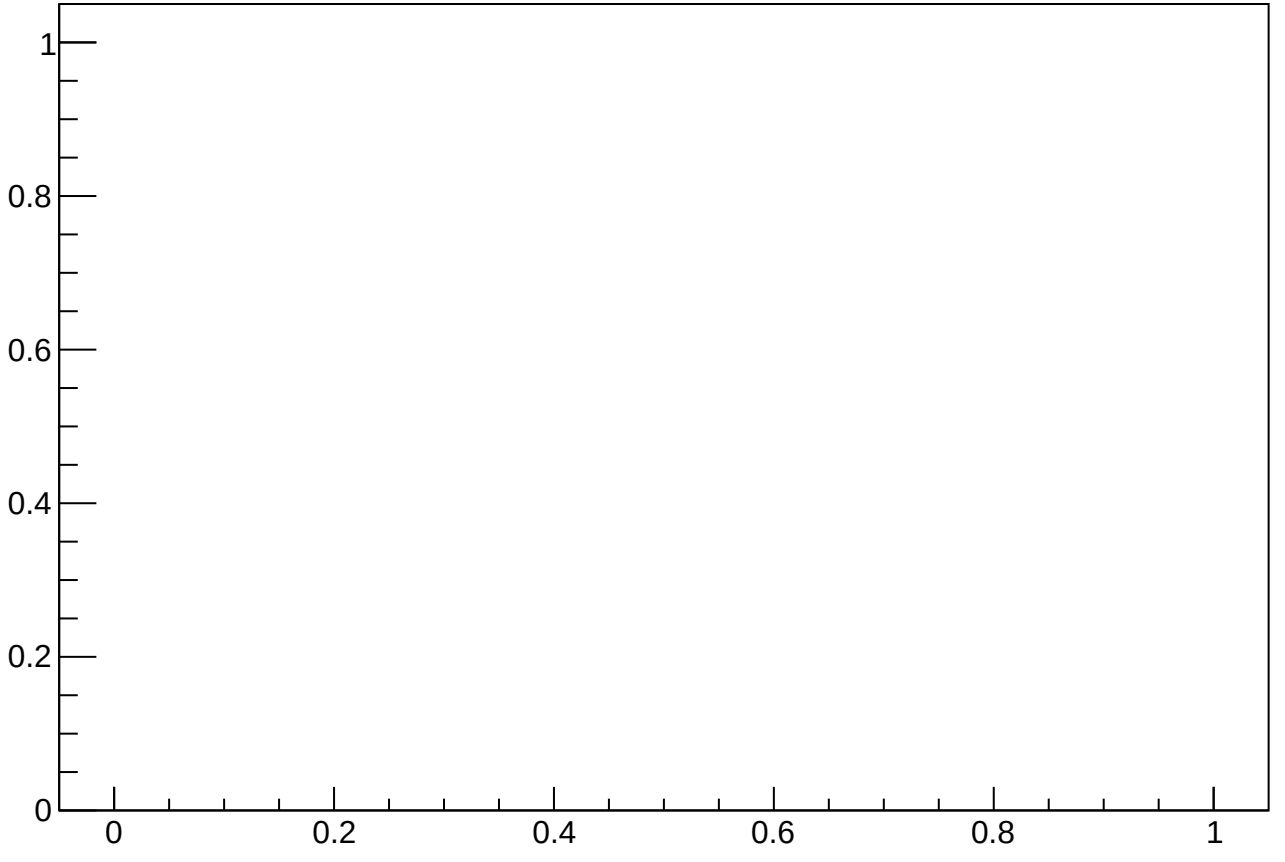
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 136.606+/-0.041 $\chi^2$/NDF: 768592.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3726_avg_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

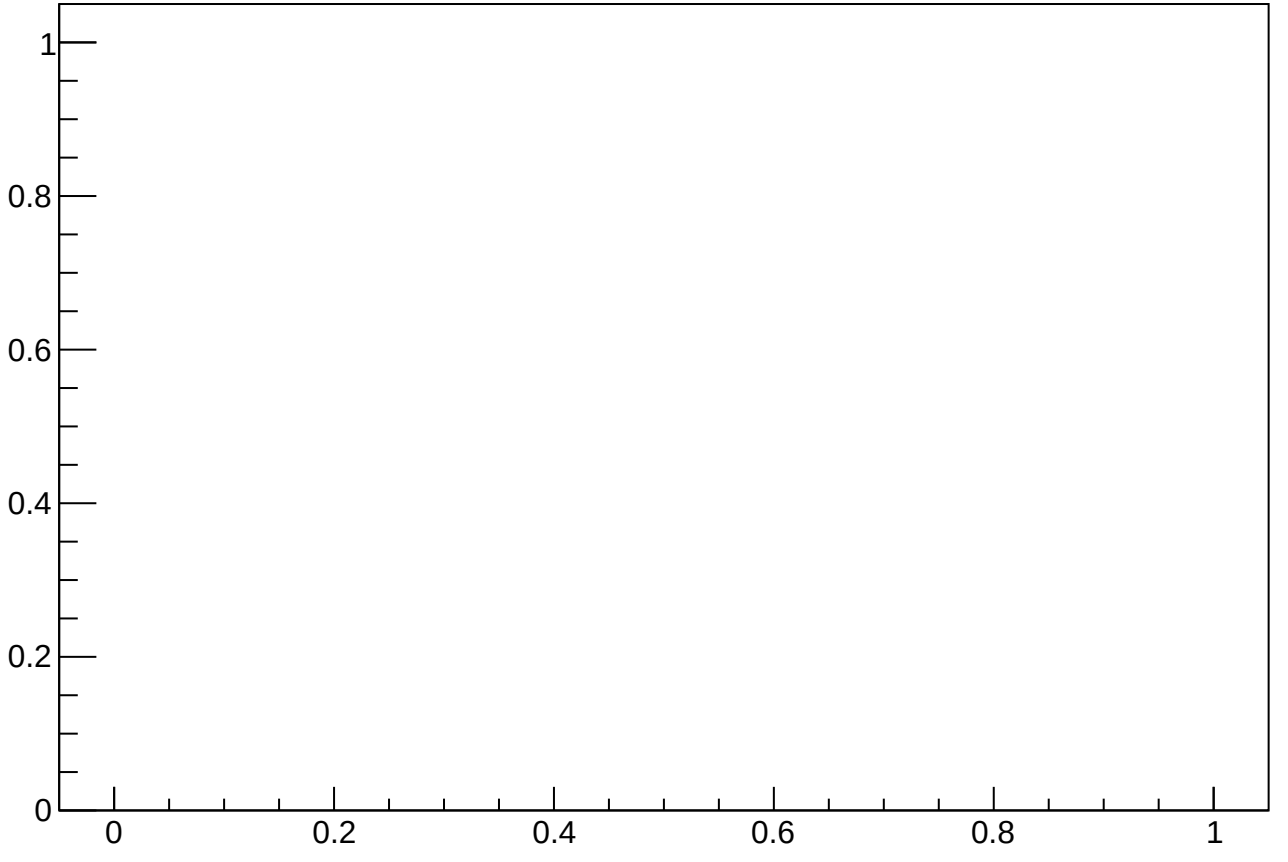
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3726_avg_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

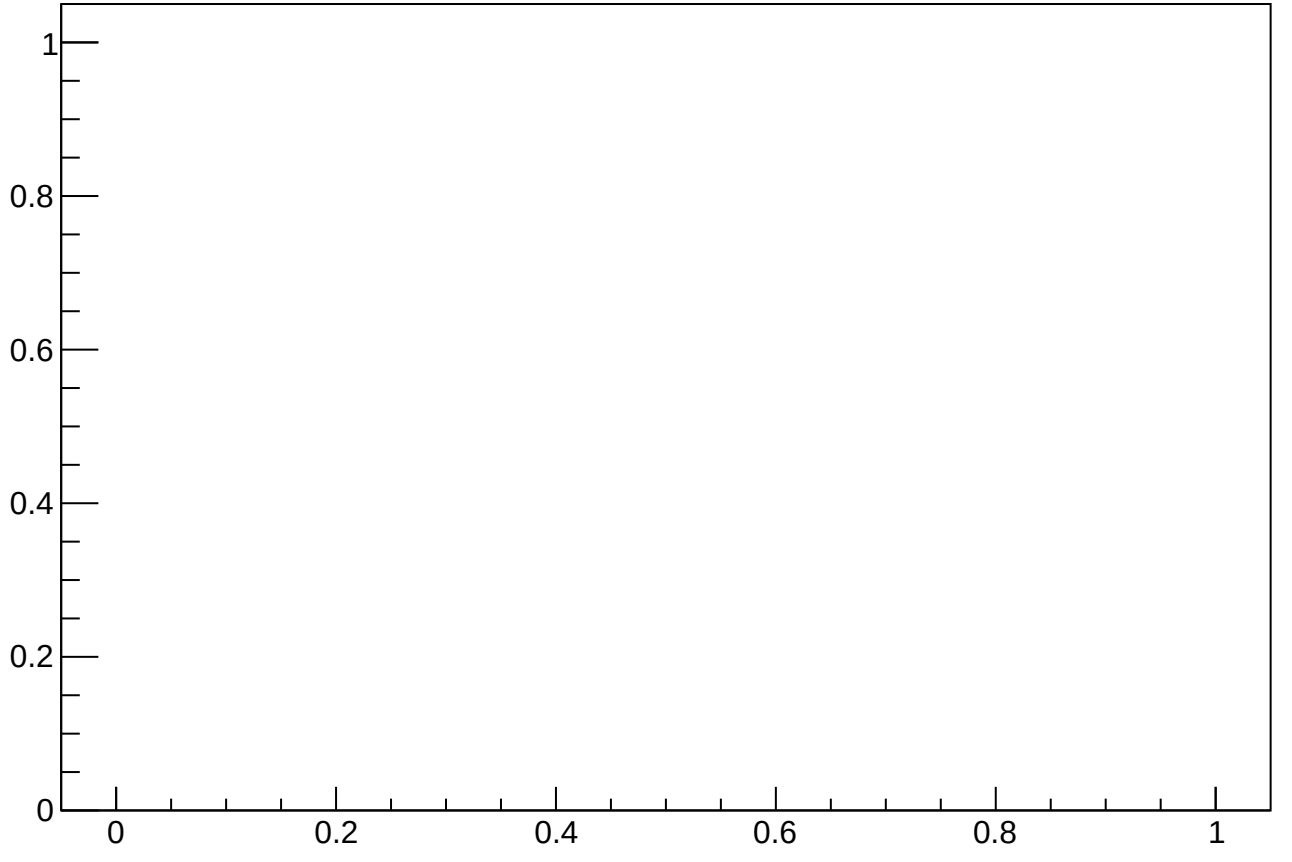
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3726_avg_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

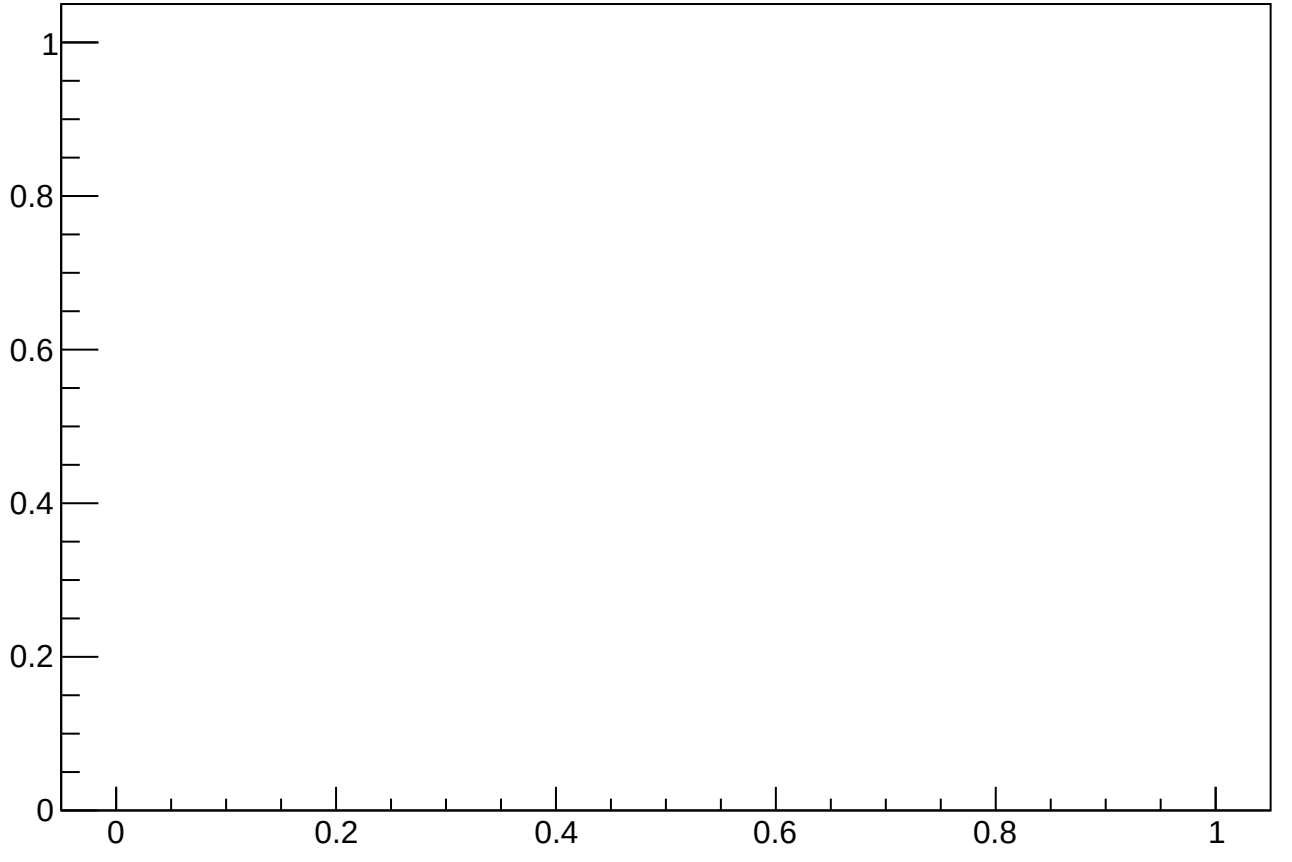
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_3726_avg_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

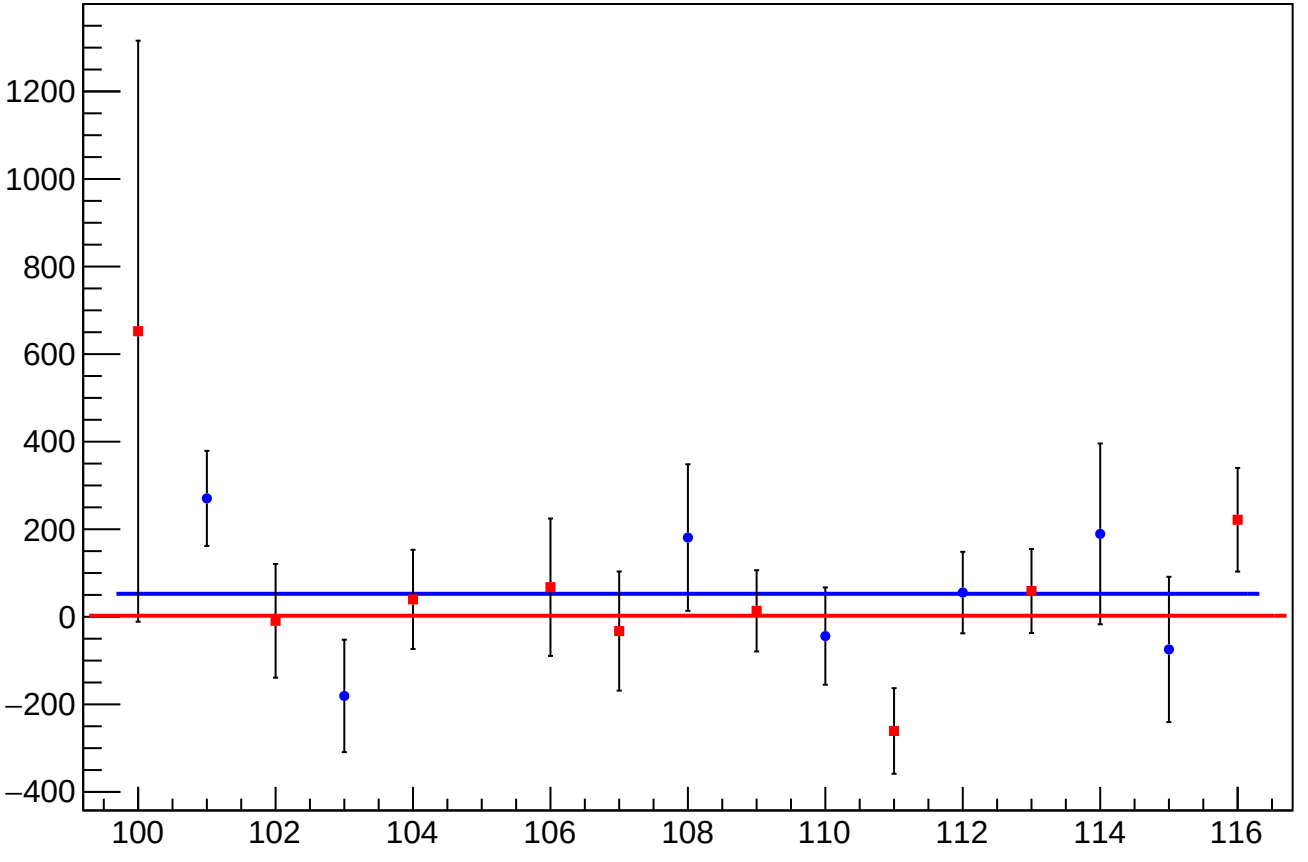
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_48_dd_mean vs Slug




Right In: 52.577+/-47.818 $\chi^2$/NDF: 9.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.491+/-39.687 $\chi^2$/NDF: 12.3/8

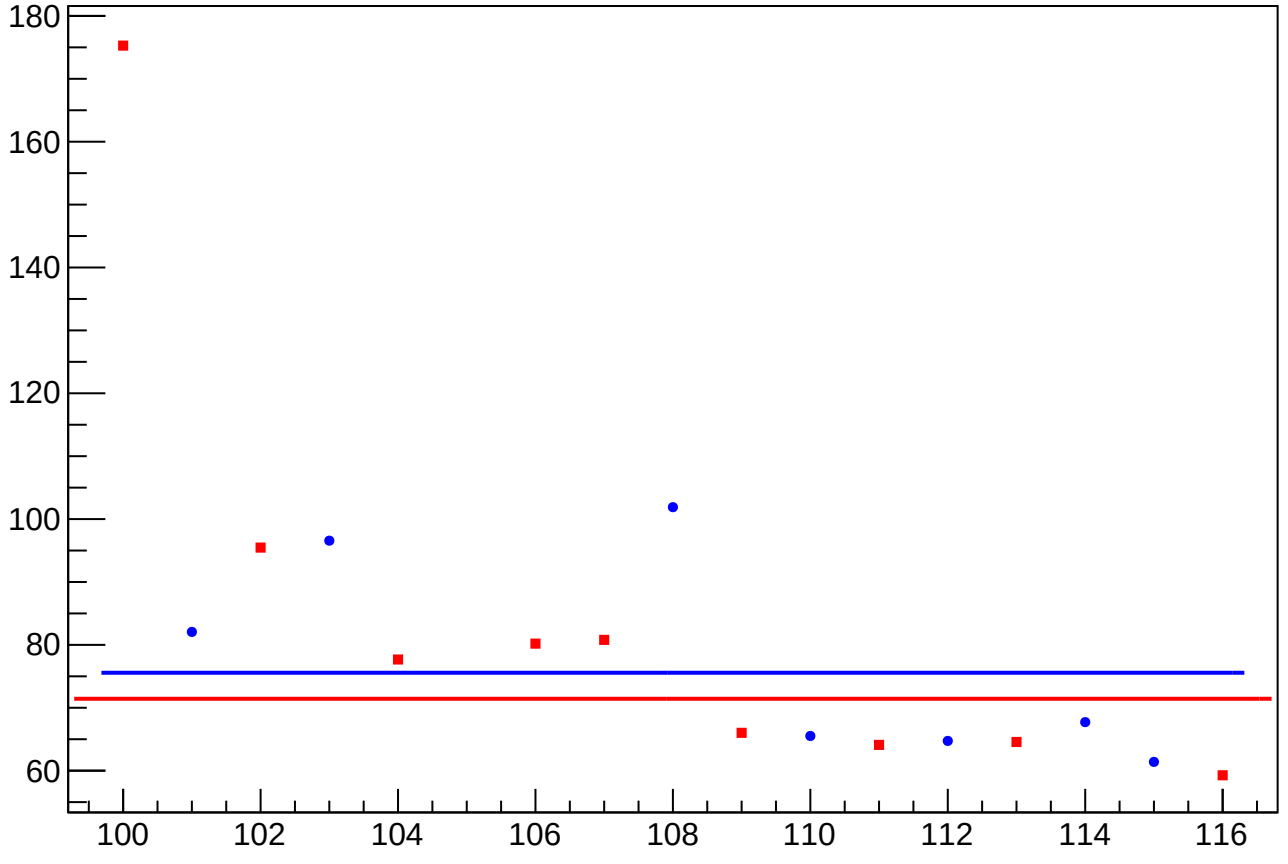
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 22.920+/-30.539 $\chi^2$/NDF: 22.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_48_dd_rms vs Slug




Right In: 75.568+/-0.034 $\chi^2$/NDF: 171064.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 71.433+/-0.028 $\chi^2$/NDF: 188757.9/8

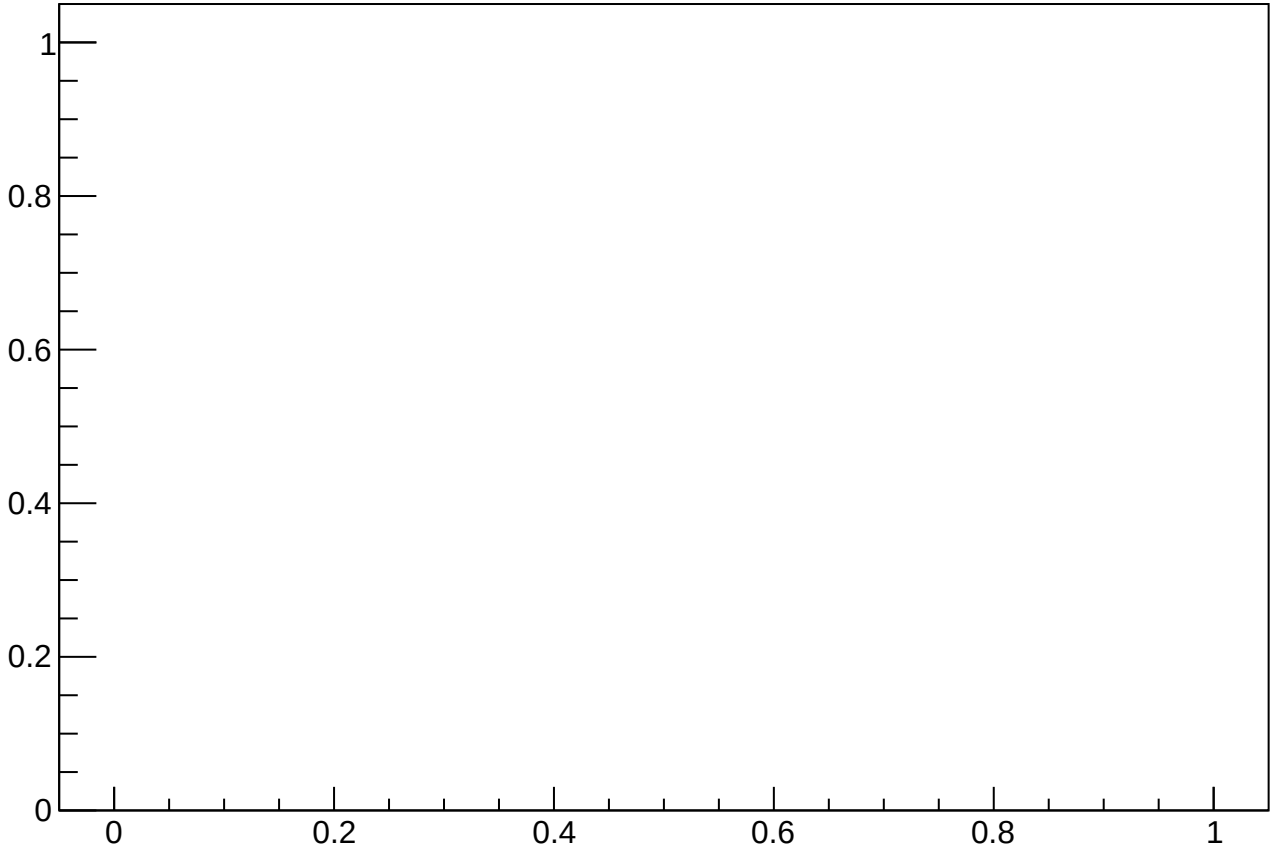
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 73.119+/-0.022 $\chi^2$/NDF: 368679.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_48_dd_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

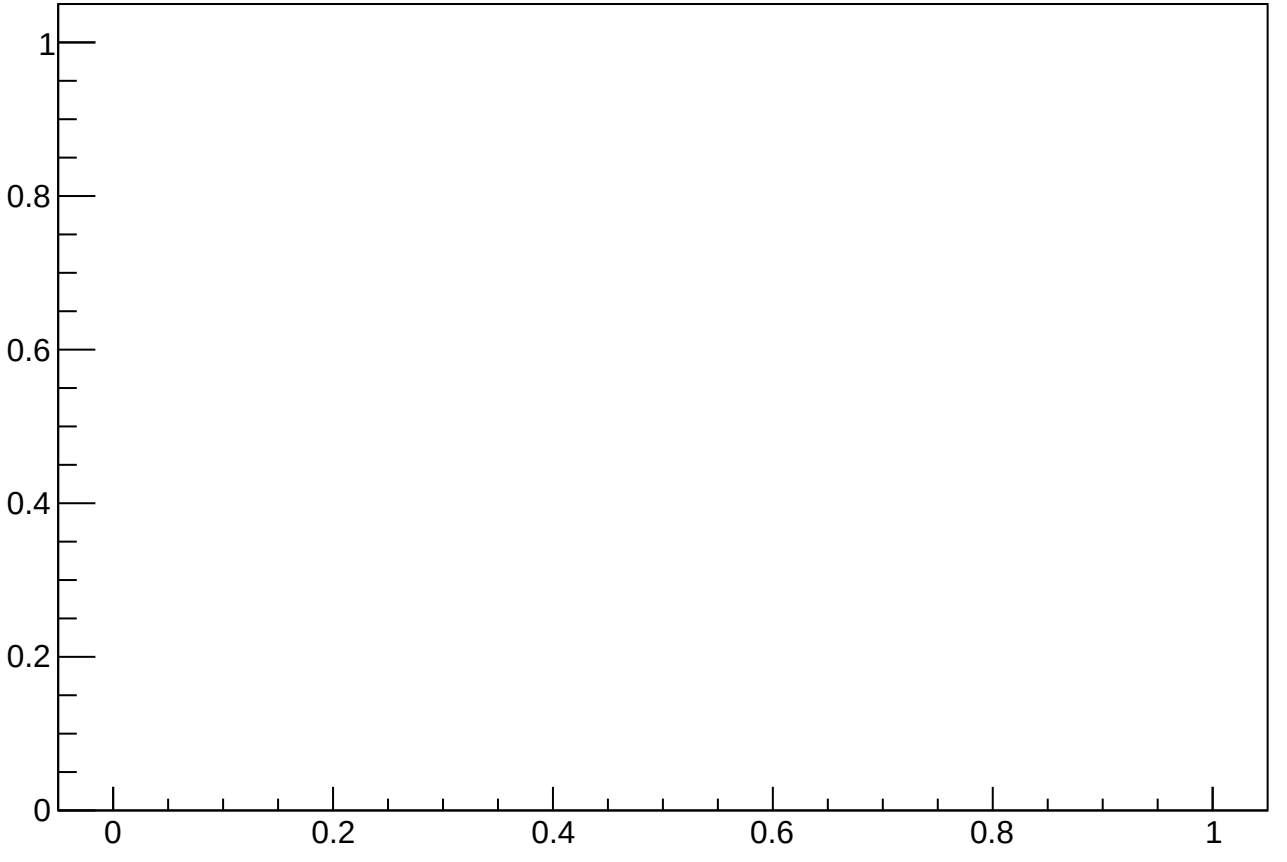
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_48_dd_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

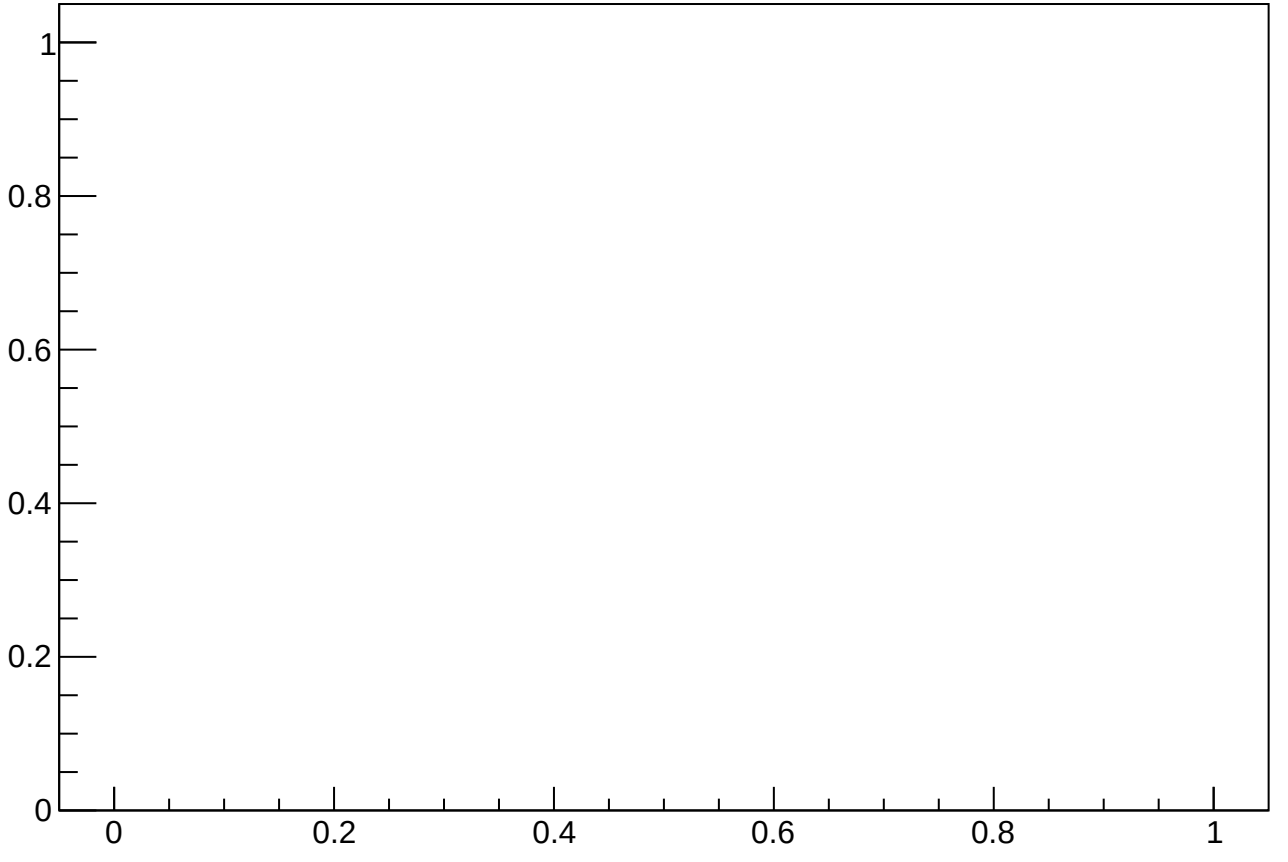
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_48_dd_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

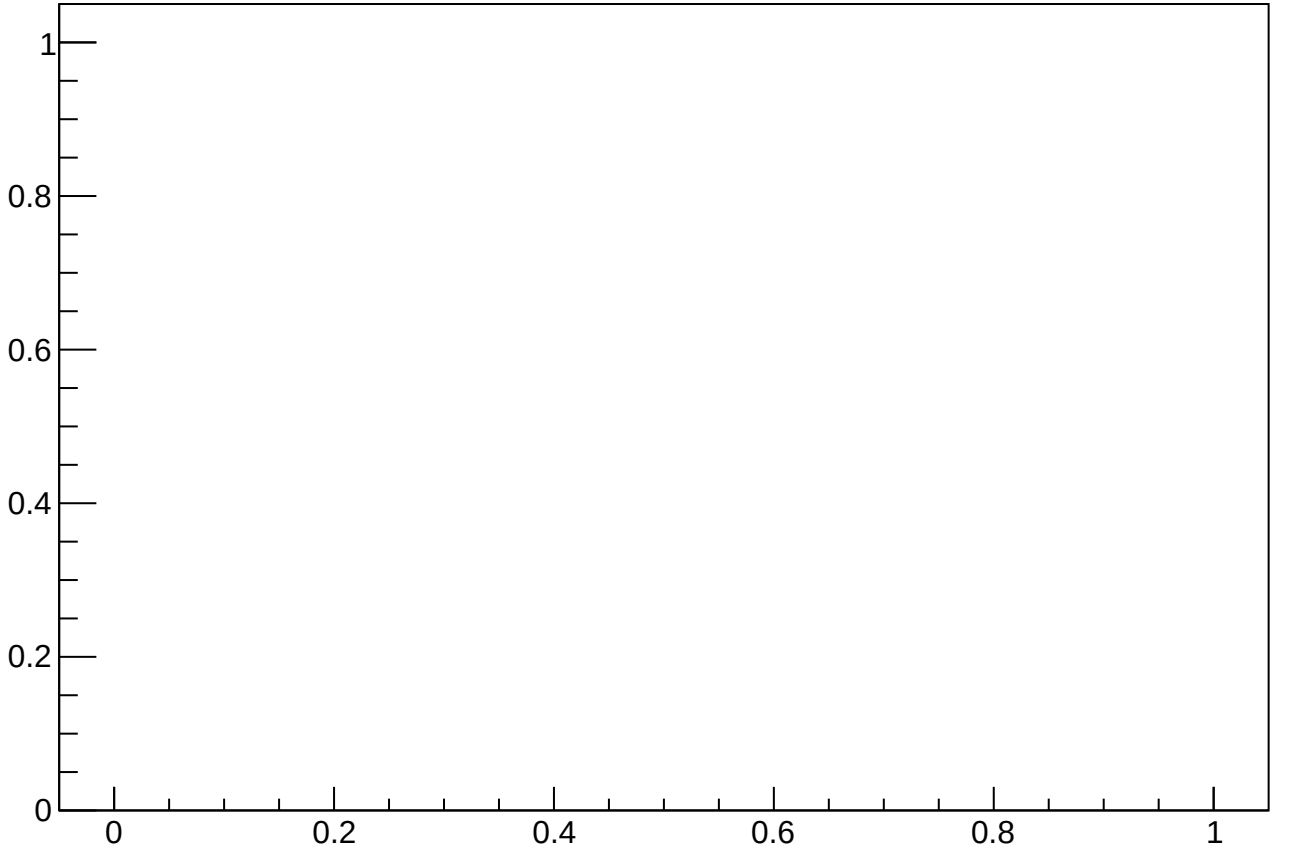
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_48_dd_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

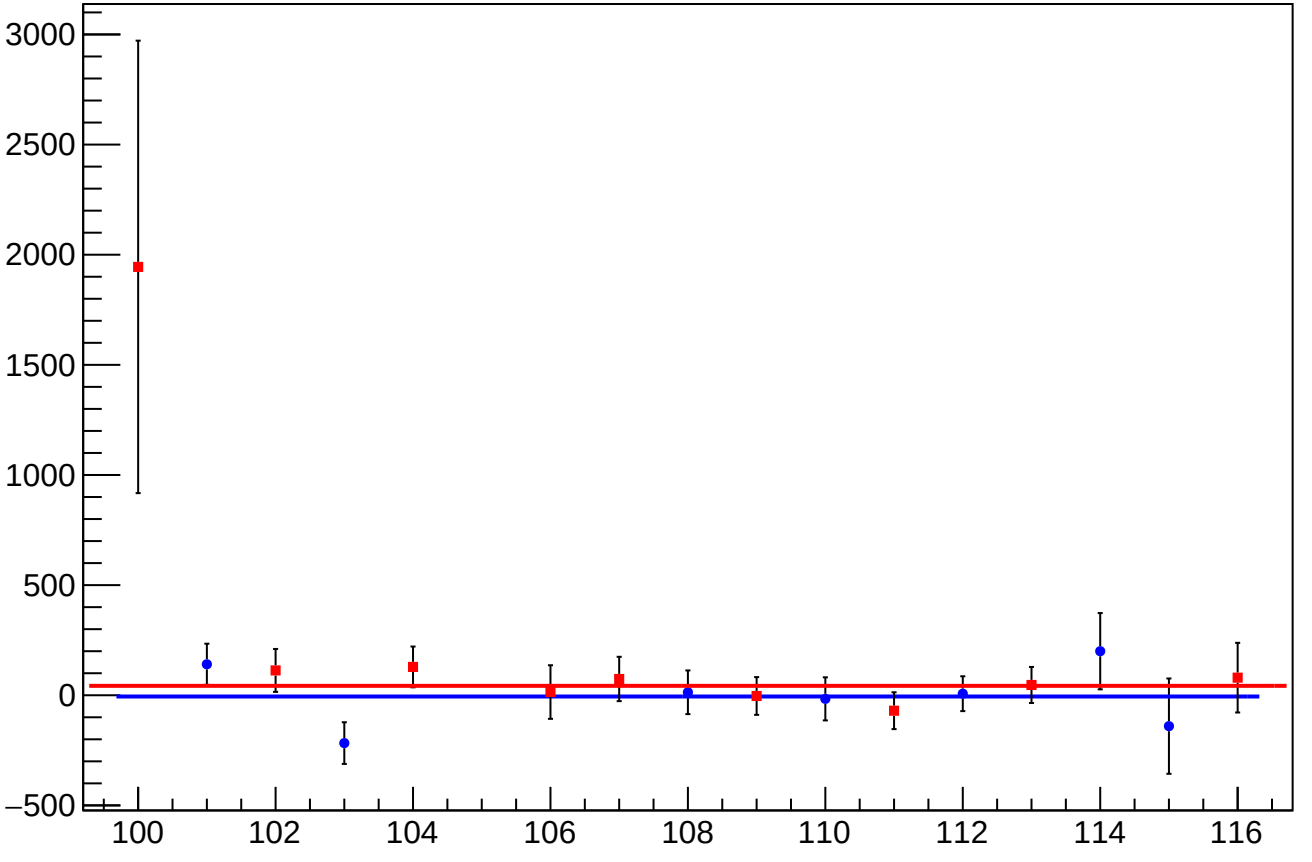
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_37_48_dd_mean vs Slug




Right In: -5.633+/-39.301 $\chi^2$/NDF: 9.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 42.785+/-34.144 $\chi^2$/NDF: 7.1/8

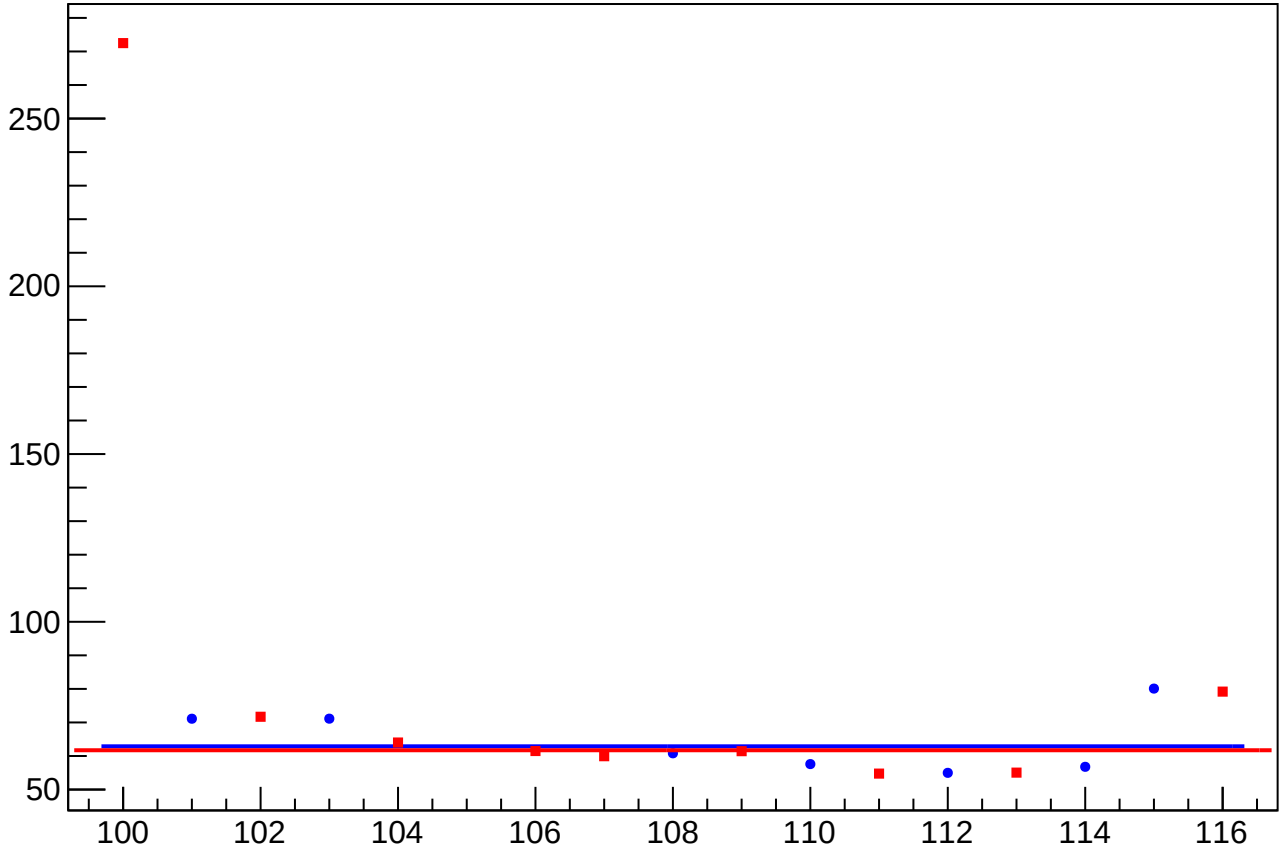
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 21.959+/-25.775 $\chi^2$/NDF: 17.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_37_48_dd_rms vs Slug




Right In: 62.885+/-0.028 $\chi^2$/NDF: 72570.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 61.713+/-0.024 $\chi^2$/NDF: 158715.7/8

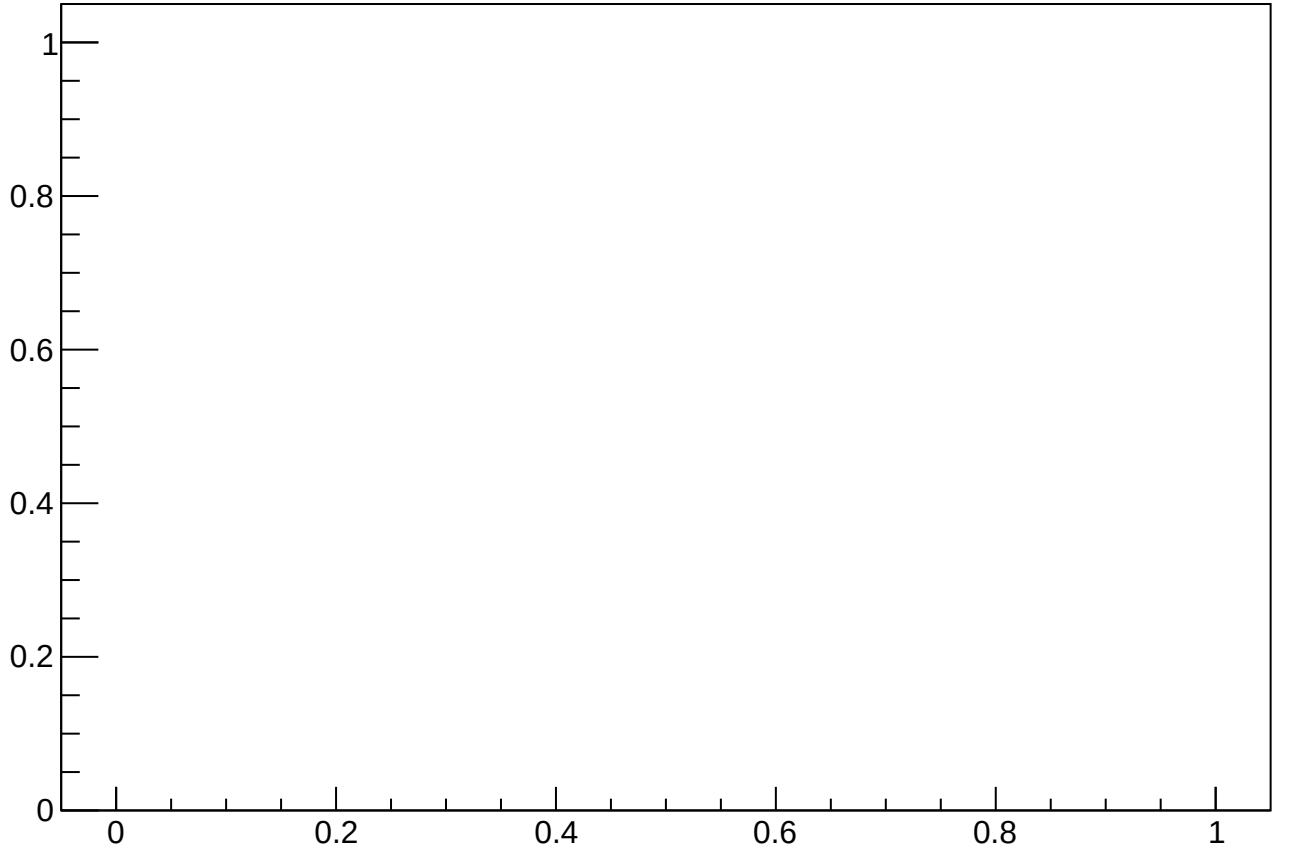
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 62.217+/-0.018 $\chi^2$/NDF: 232300.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_48_dd_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

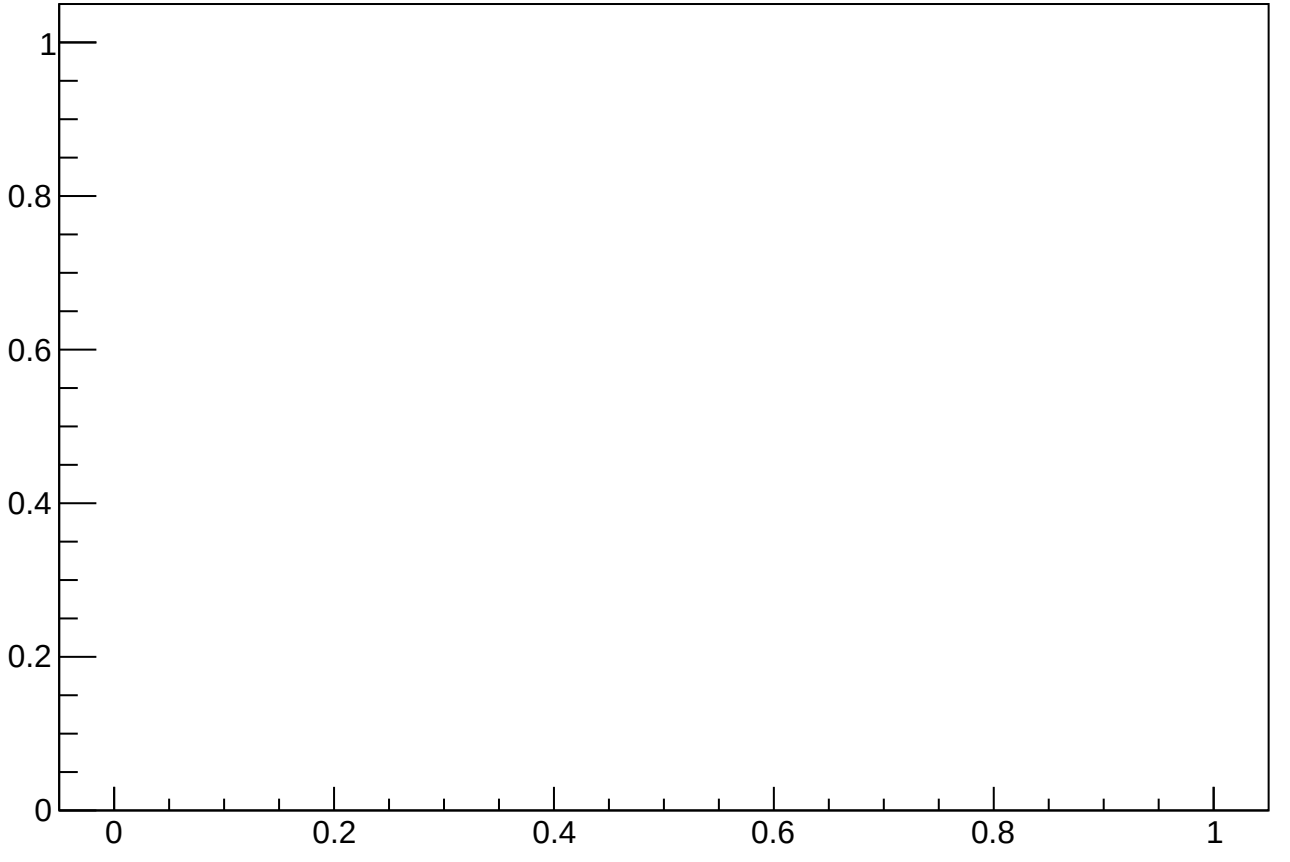
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_48_dd_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

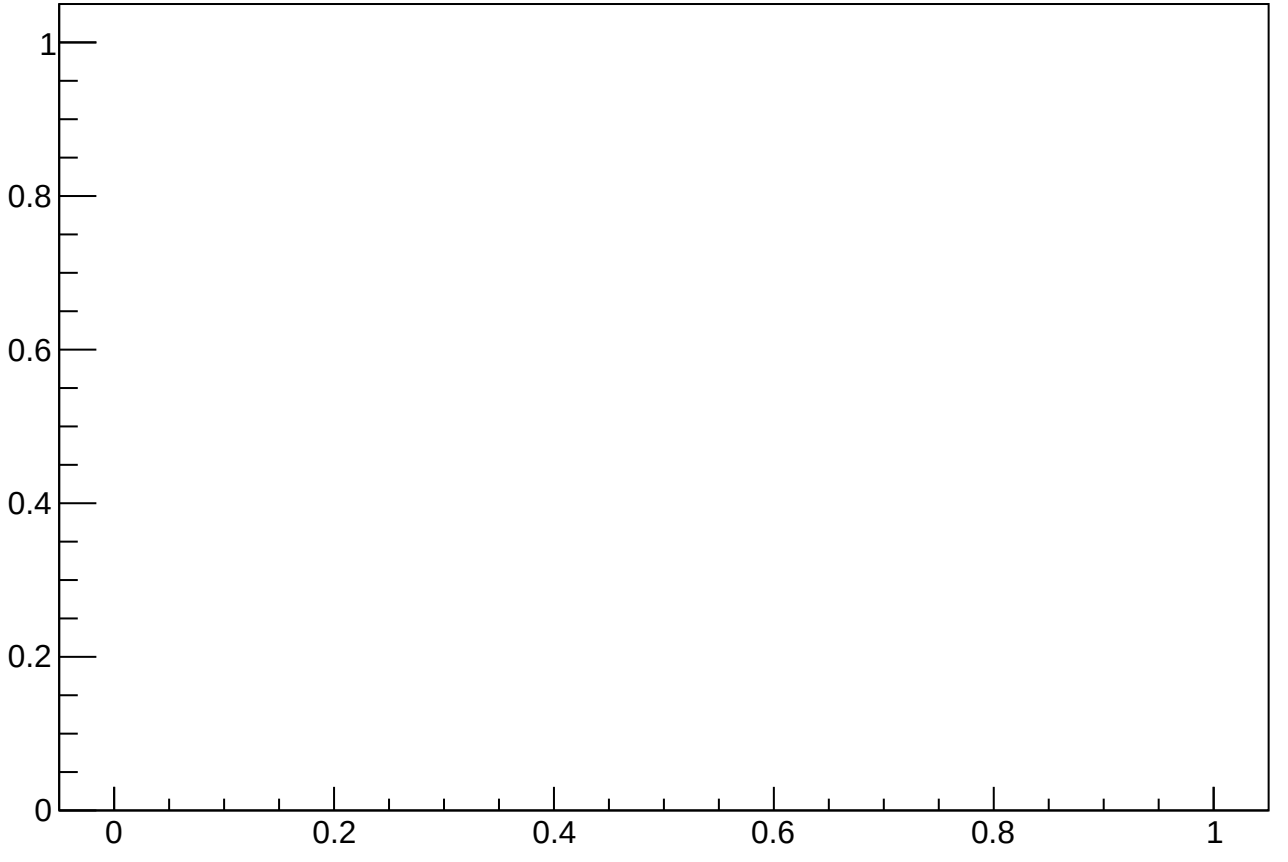
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_48_dd_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

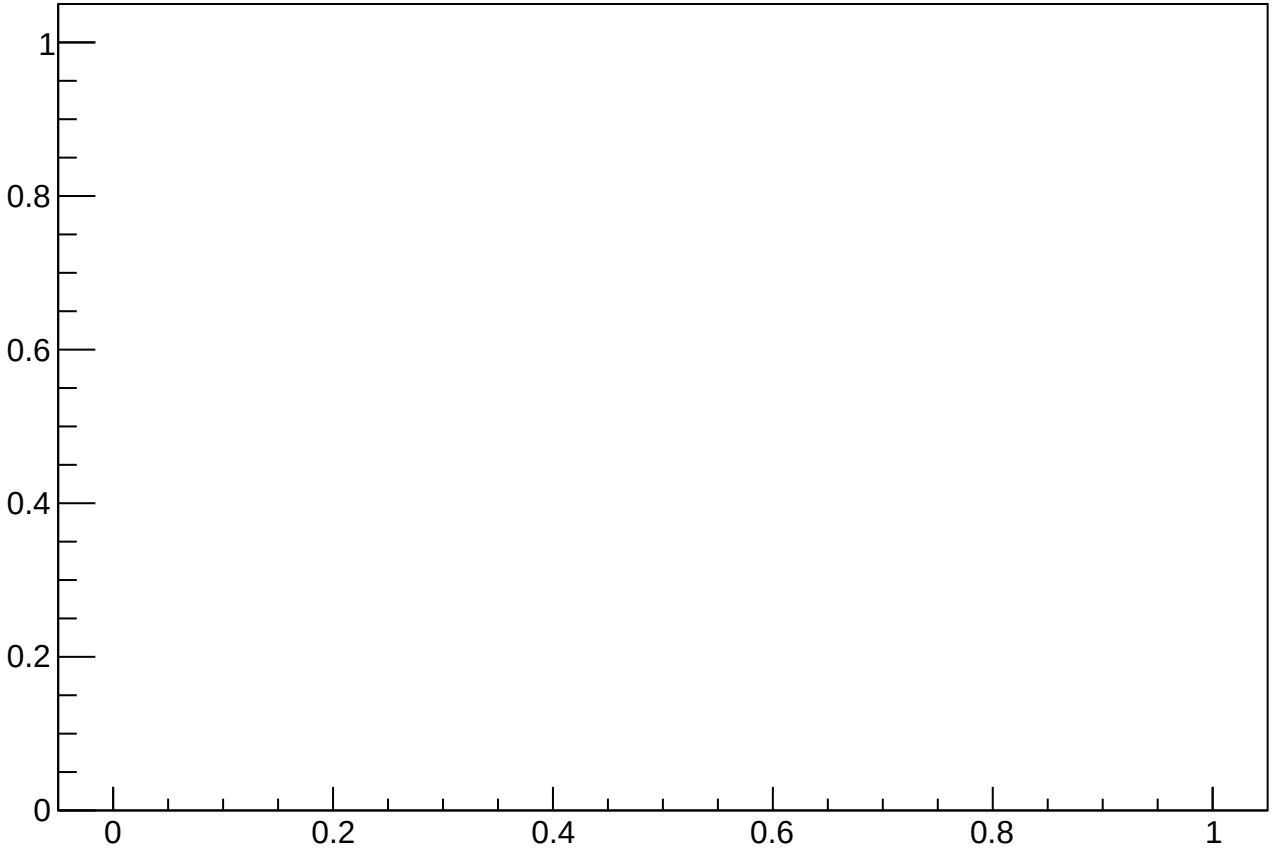
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_48_dd_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

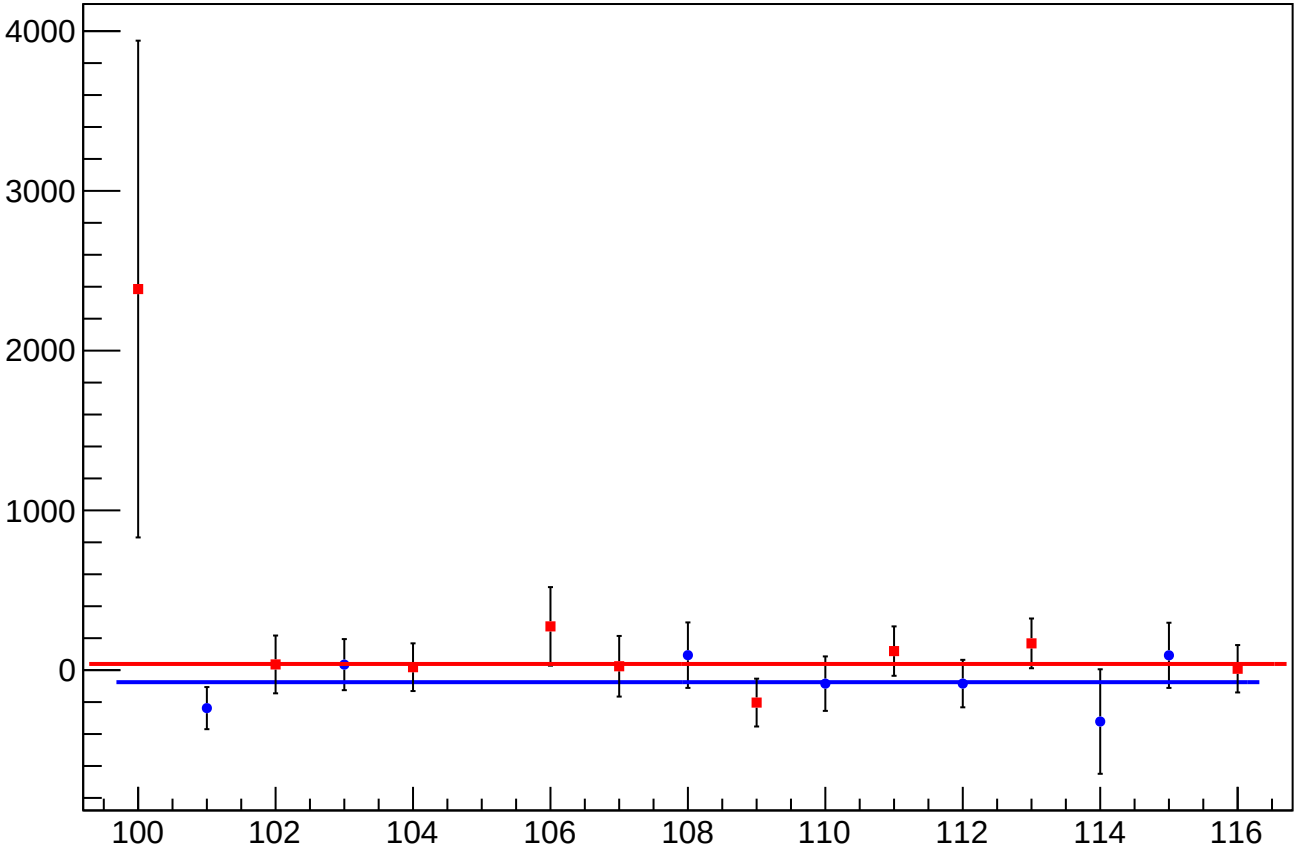
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_26_dd_mean vs Slug




Right In: -75.388+/-65.443 $\chi^2$/NDF: 3.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 38.638+/-58.396 $\chi^2$/NDF: 6.8/8

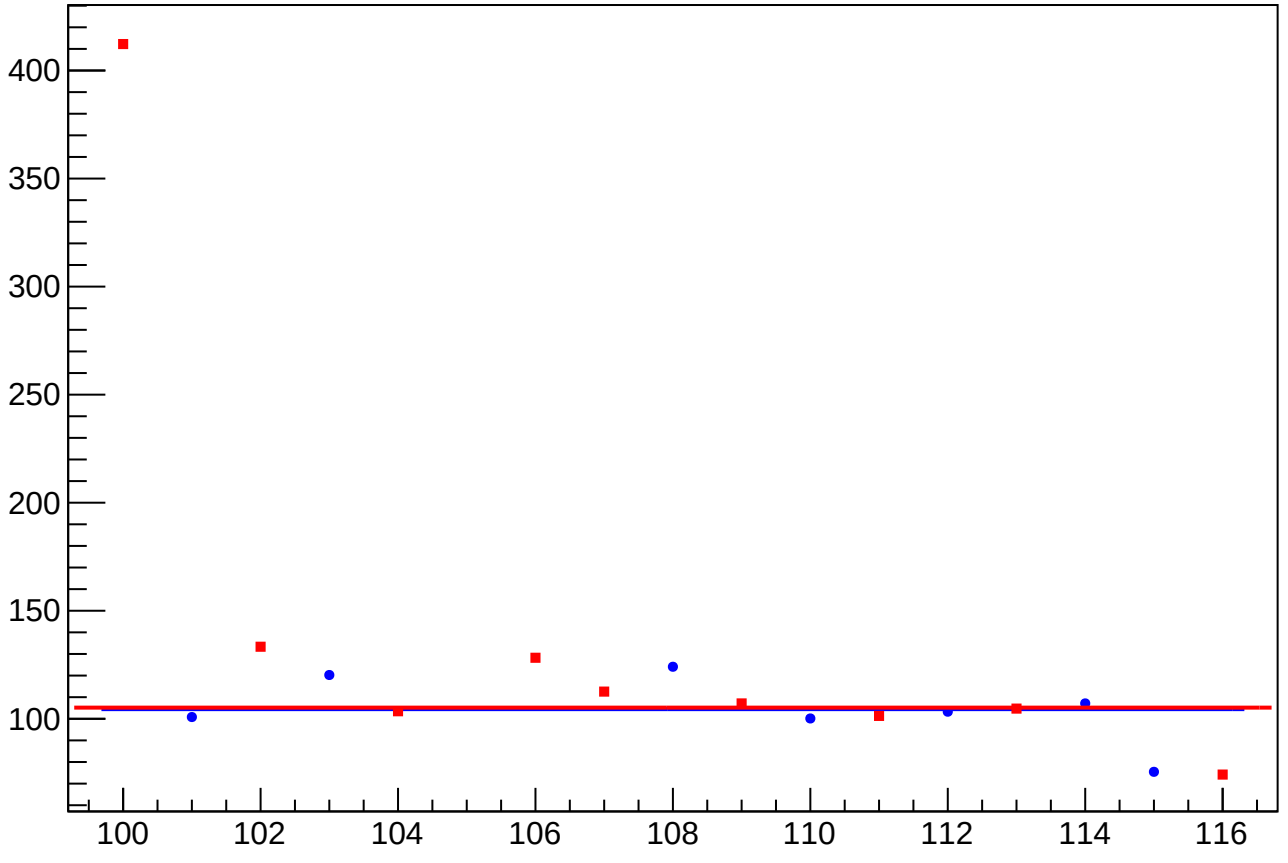
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -11.907+/-43.571 $\chi^2$/NDF: 12.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_15_26_dd_rms vs Slug




Right In: 104.469+/-0.046 $\chi^2$/NDF: 81348.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 105.168+/-0.041 $\chi^2$/NDF: 236296.6/8

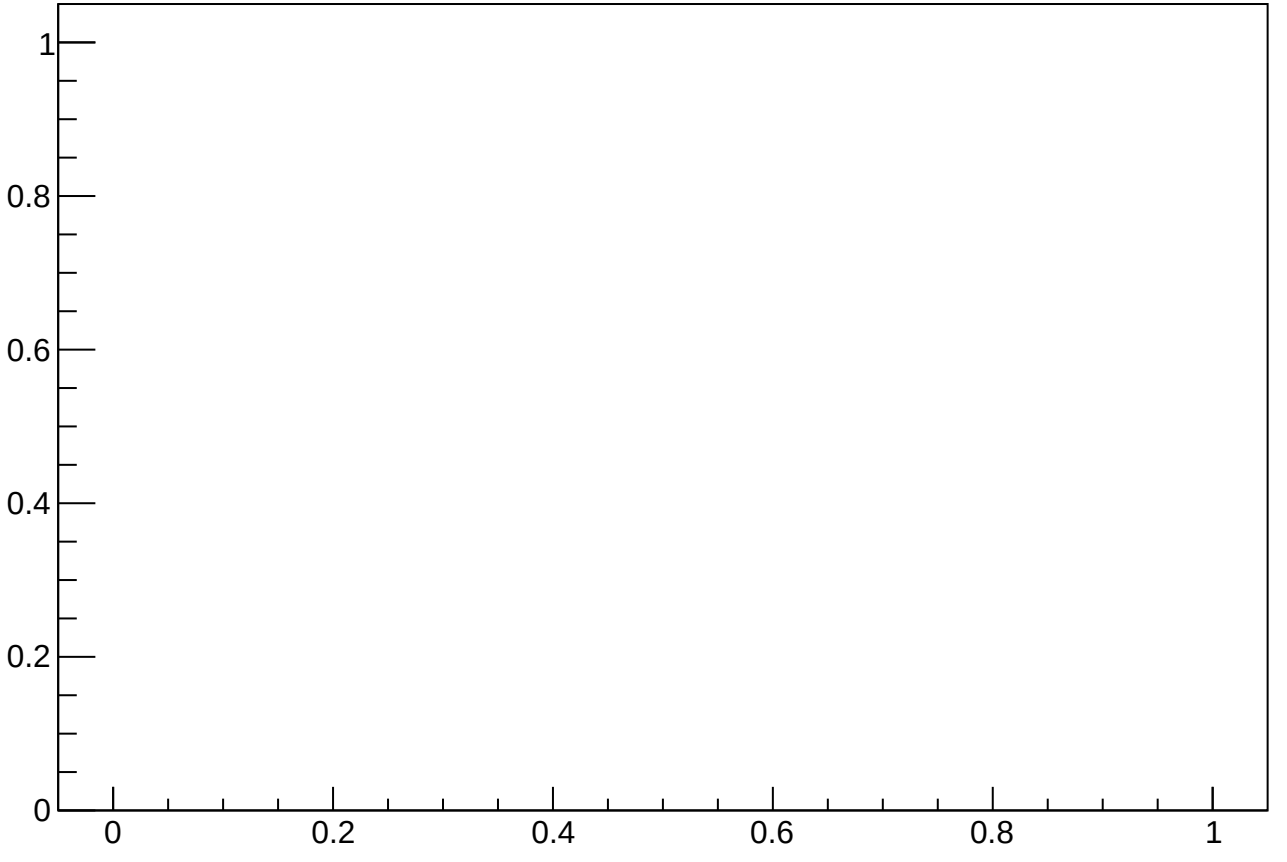
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 104.858+/-0.031 $\chi^2$/NDF: 317772.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_26_dd_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

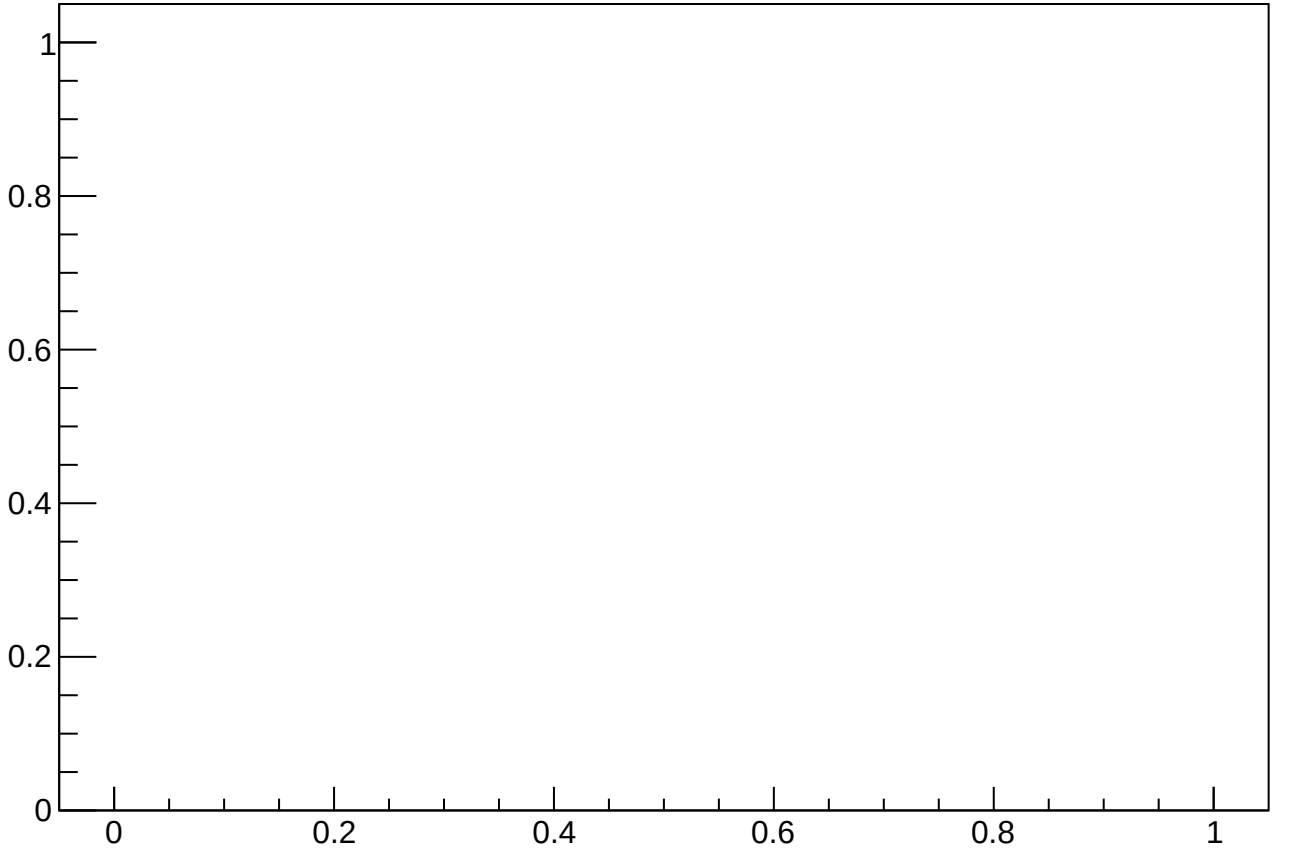
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_26_dd_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

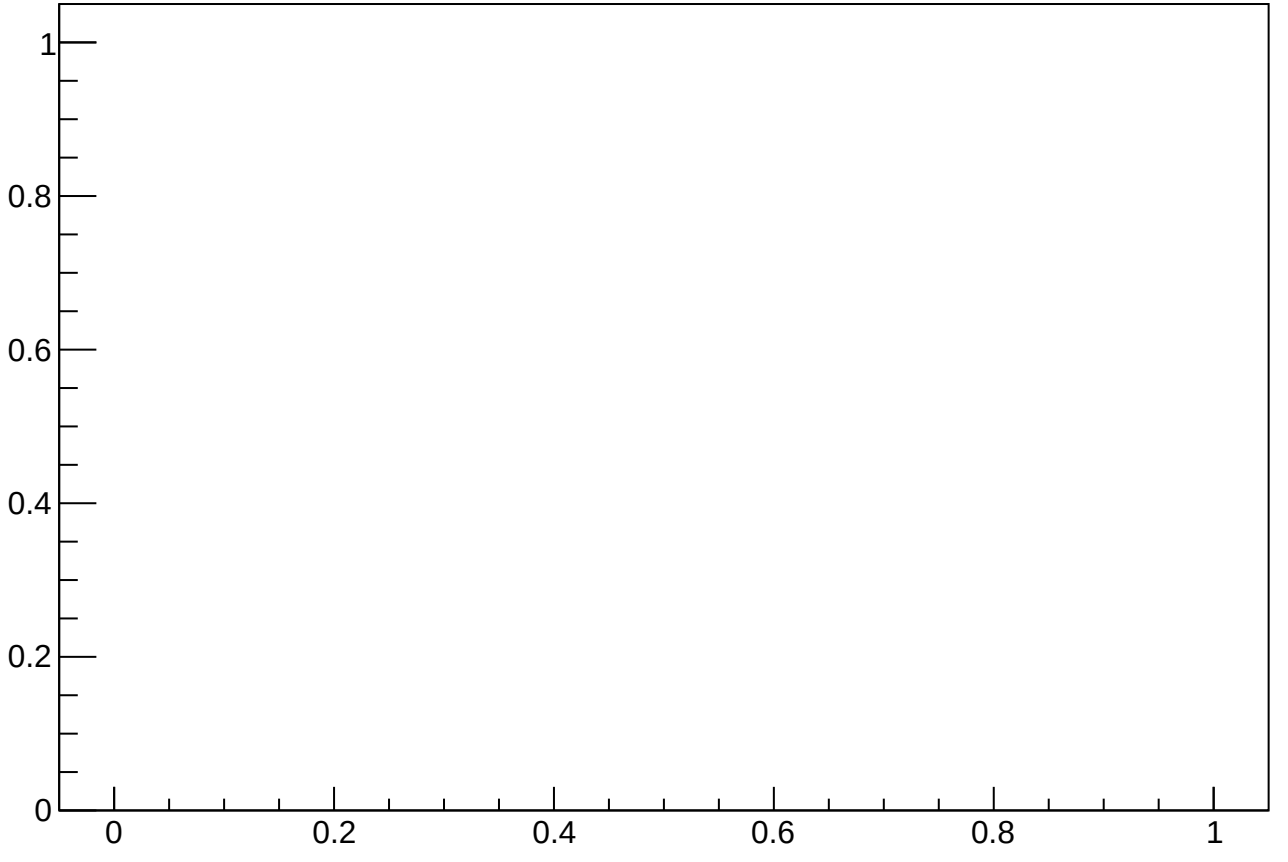
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_26_dd_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

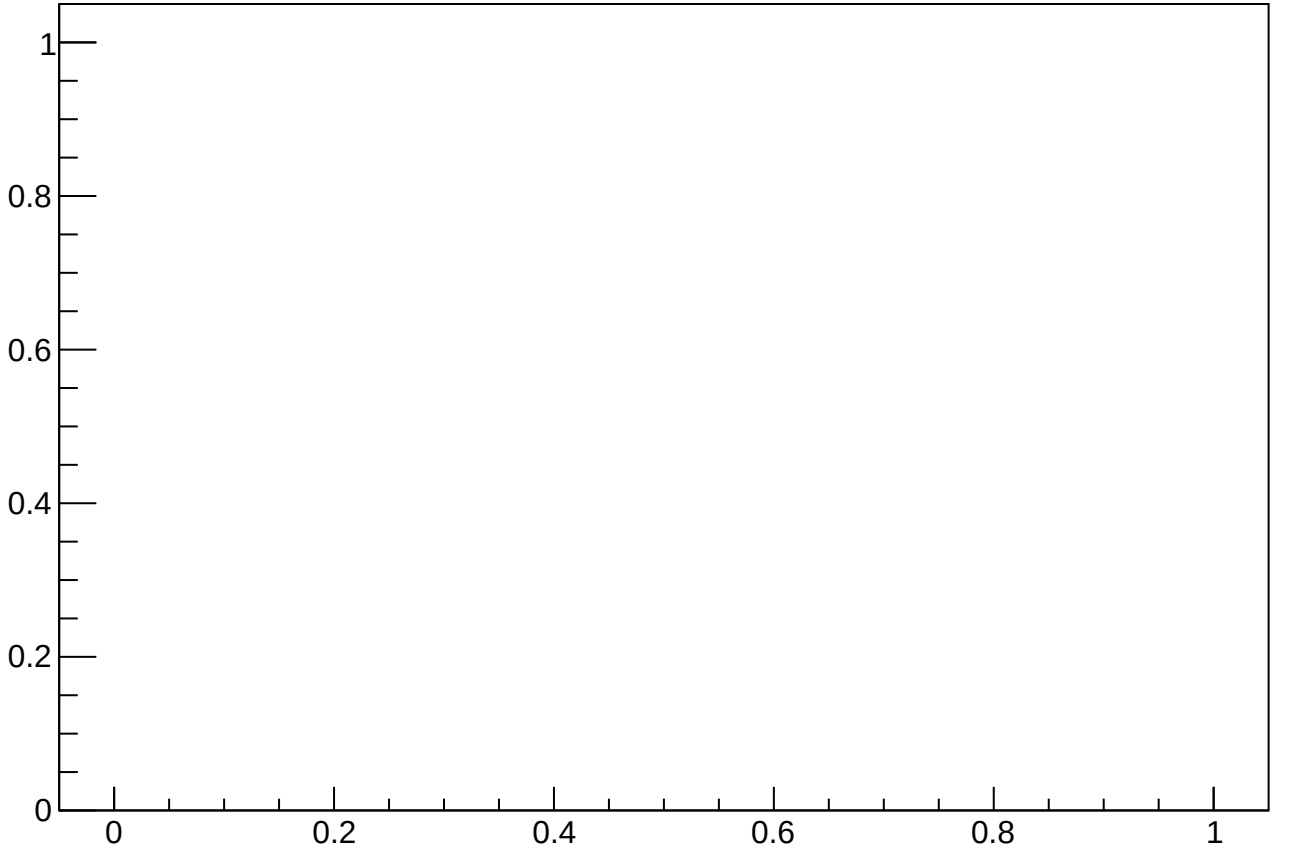
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_15_26_dd_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

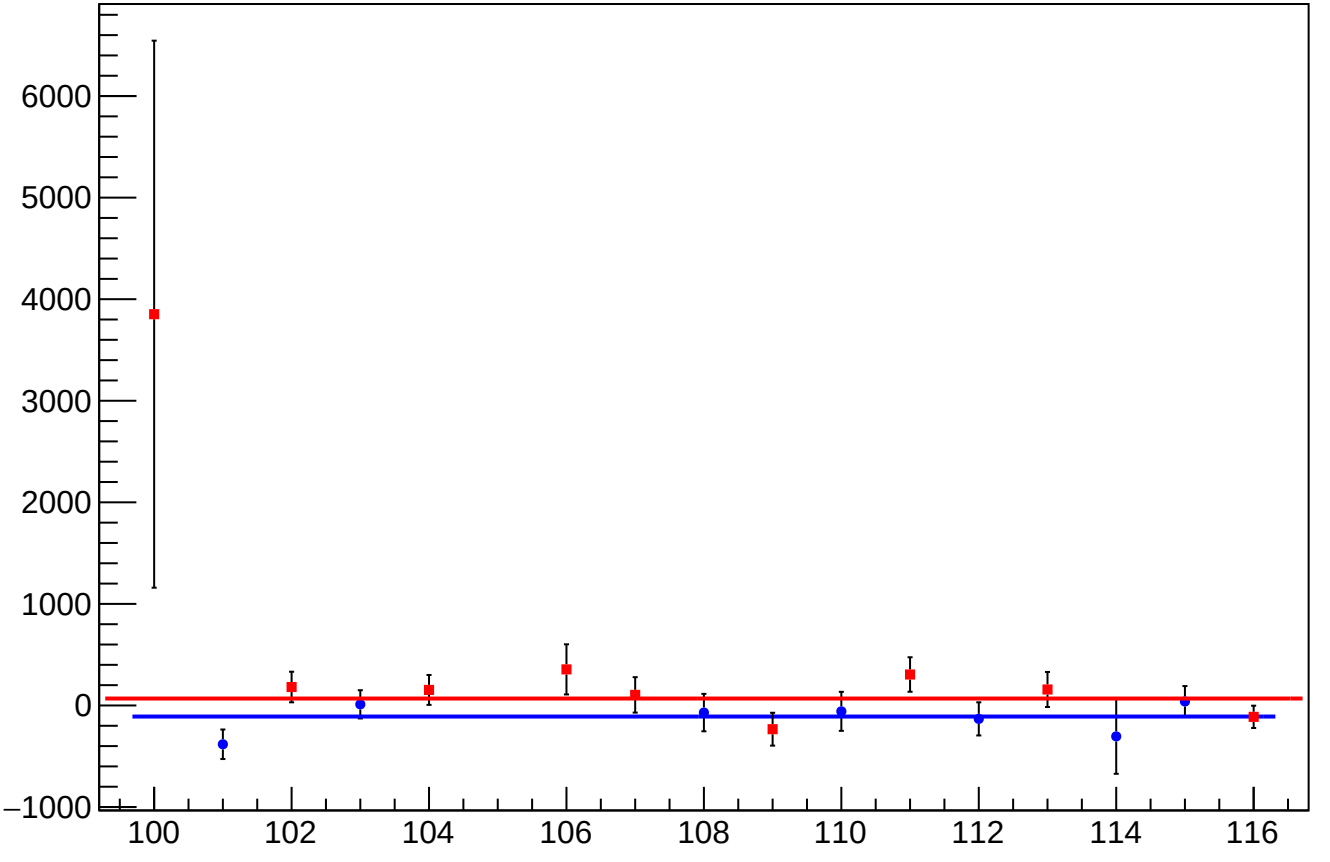
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_37_26_dd_mean vs Slug




Right In: -109.053+/-64.012 $\chi^2$/NDF: 5.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

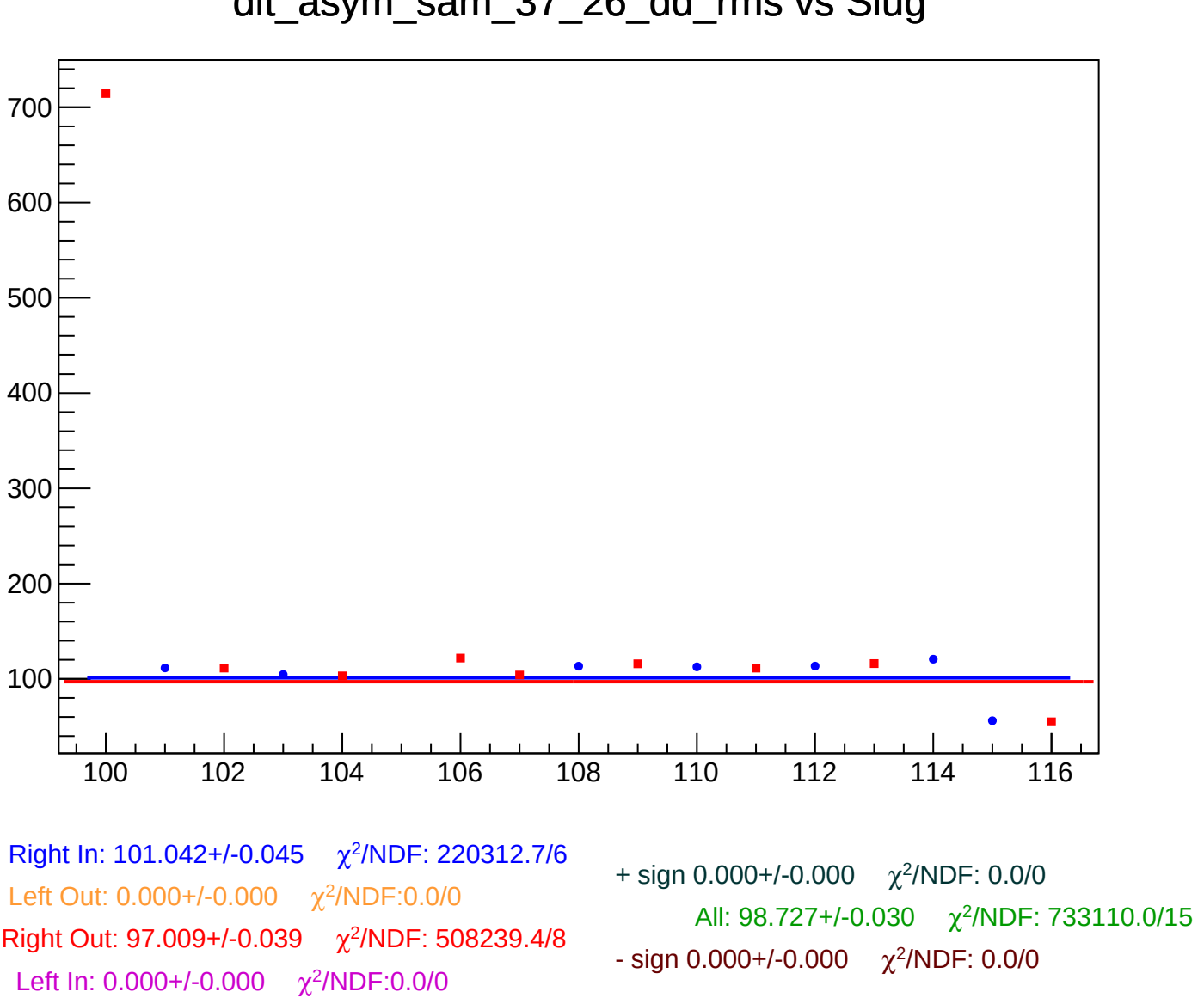
Right Out: 68.337+/-55.142 $\chi^2$/NDF: 12.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

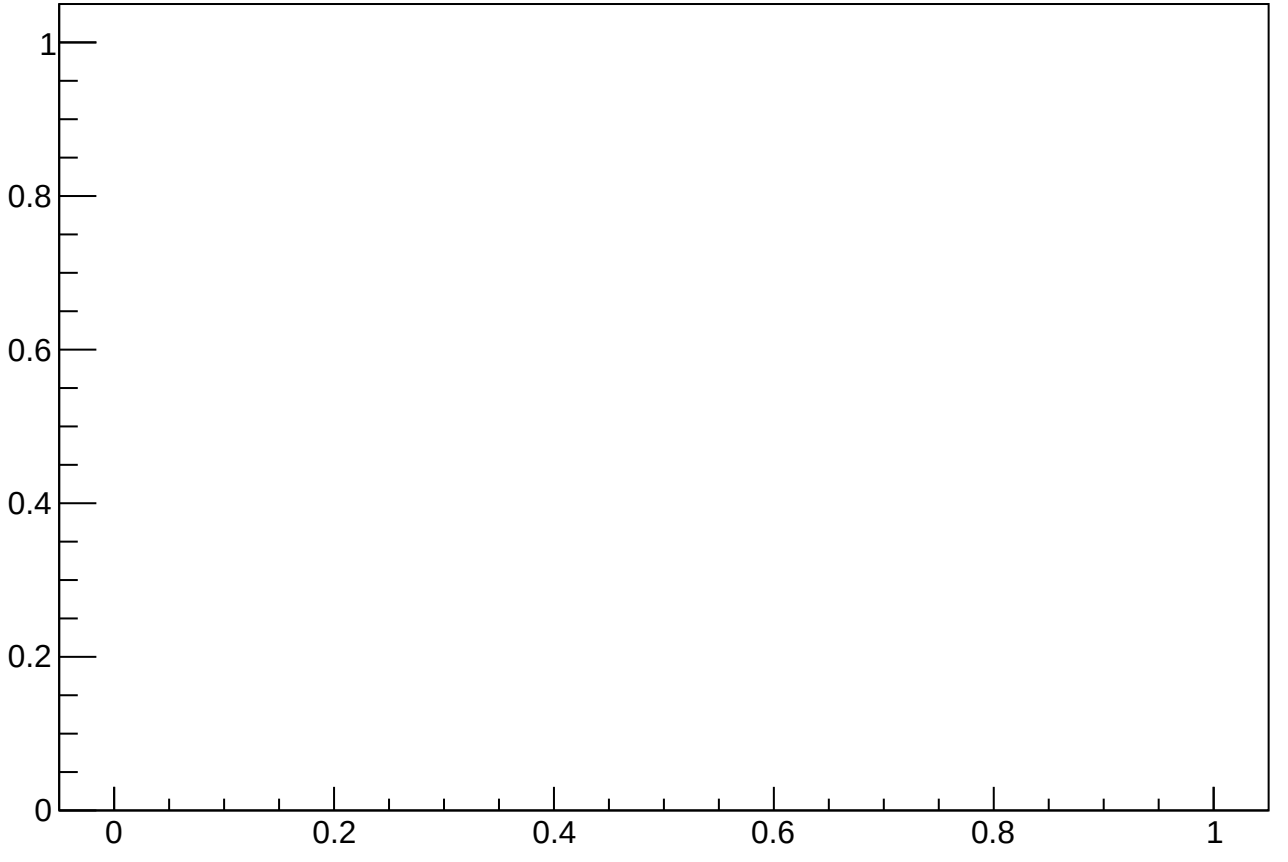
+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -7.226+/-41.778 $\chi^2$/NDF: 22.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0


dit_asym_sam_37_26_dd_rms vs Slug
700
600
500
400
300
200
100
100
102
104
106
108
110
112
114
116
Right In: 101.042+/-0.045 χ²/NDF: 220312.7/6
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 97.009+/-0.039 χ²/NDF: 508239.4/8
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 0.0/0
All: 98.727+/-0.030 χ²/NDF: 733110.0/15
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

# asym_sam_37_26_dd_correction_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

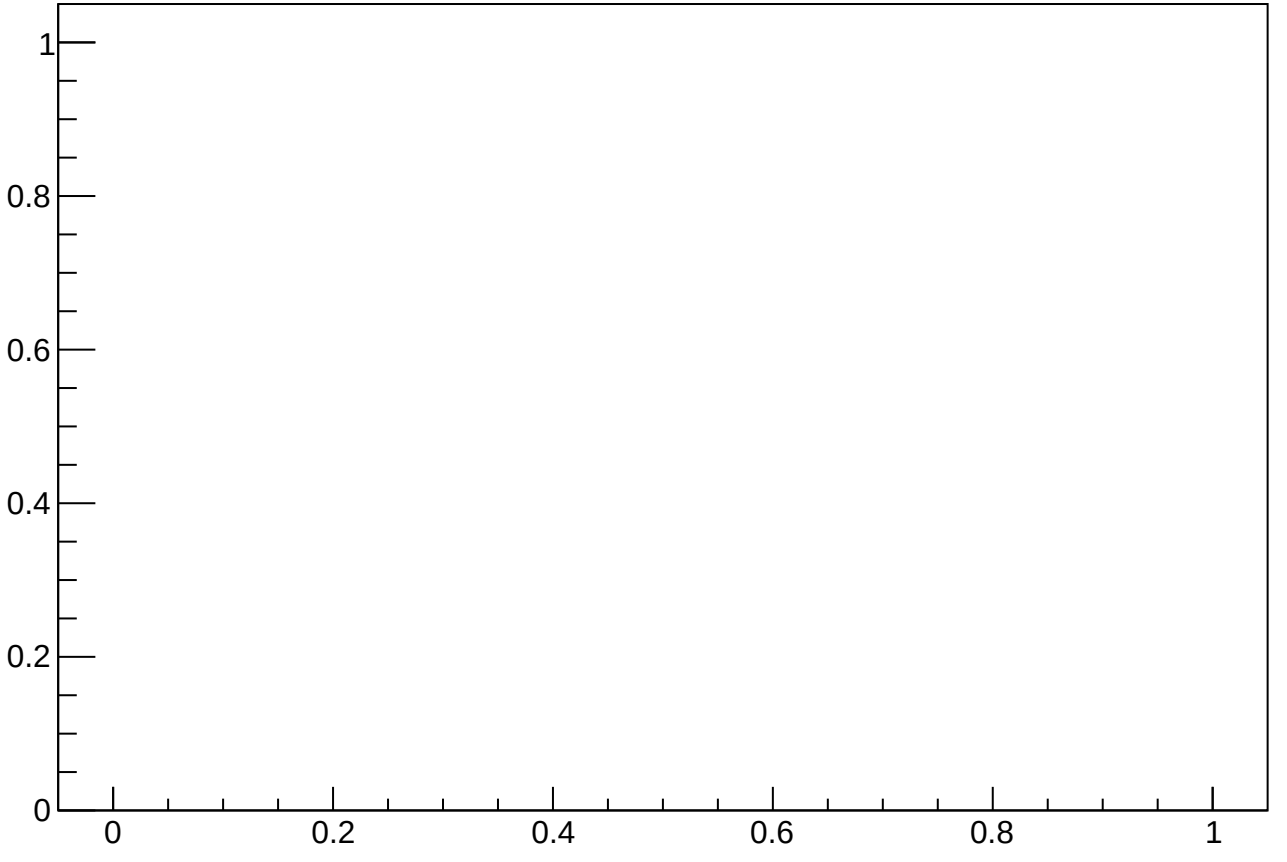
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_26_dd_correction_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

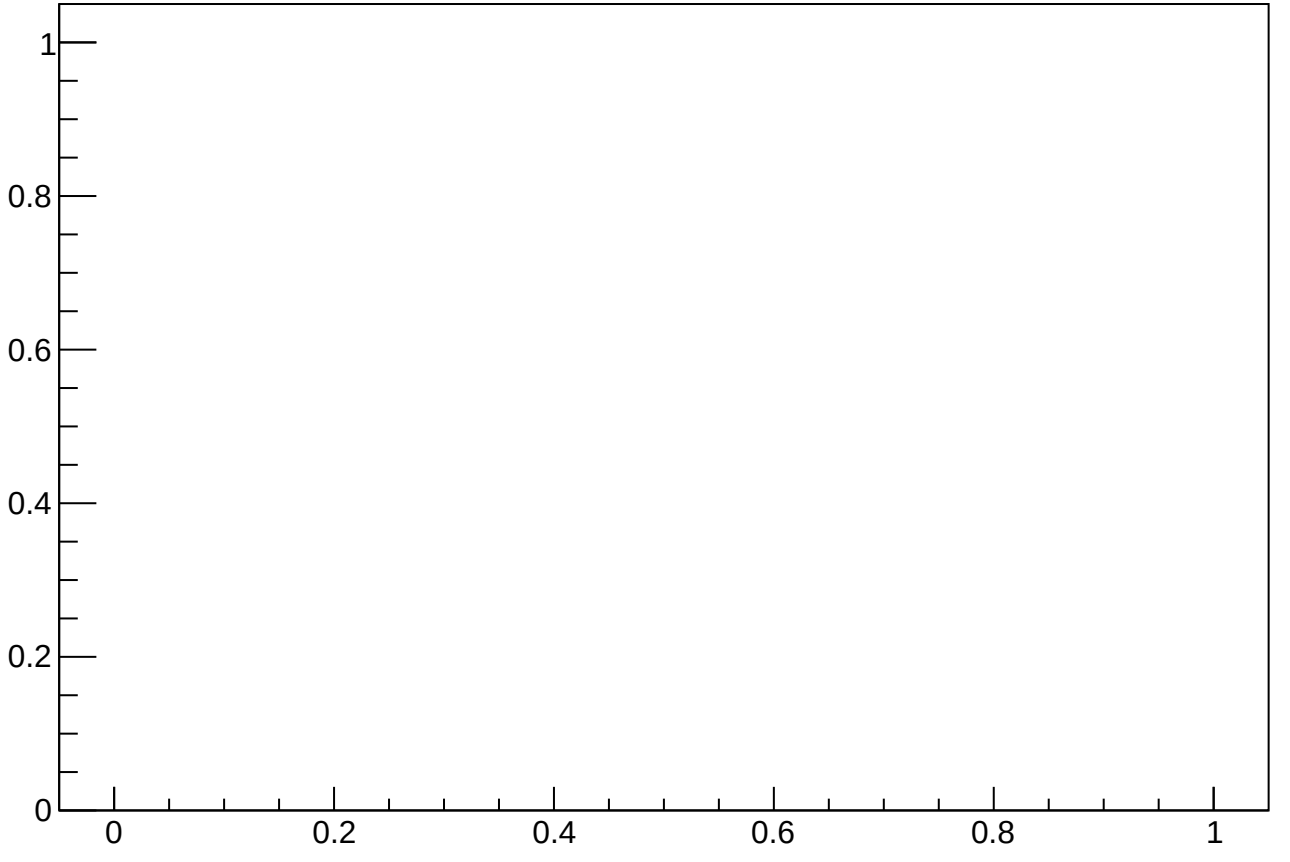
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_26_dd_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

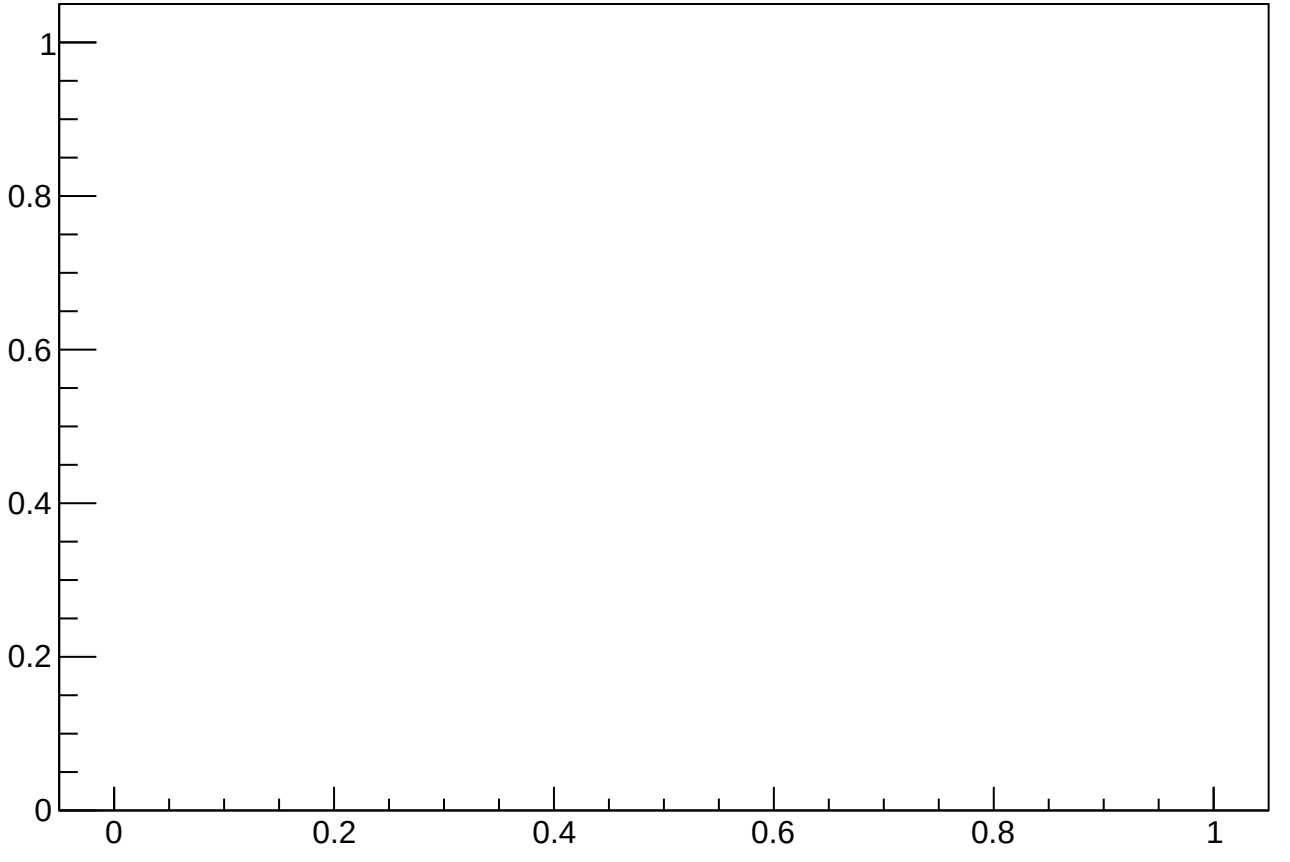
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_37_26_dd_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

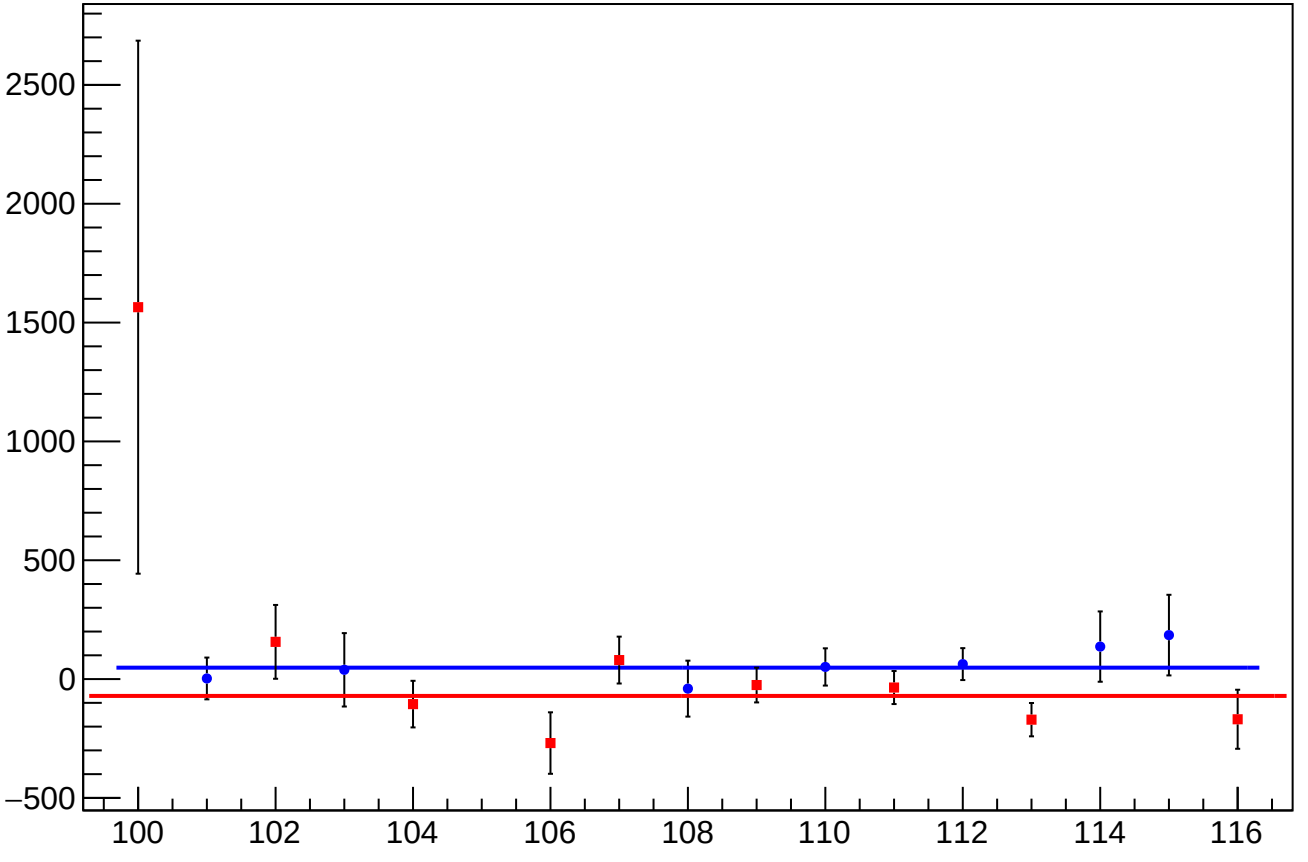
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1357_avg_mean vs Slug




Right In: 48.037+/-37.569 $\chi^2$/NDF: 1.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -70.878+/-32.089 $\chi^2$/NDF: 12.4/8

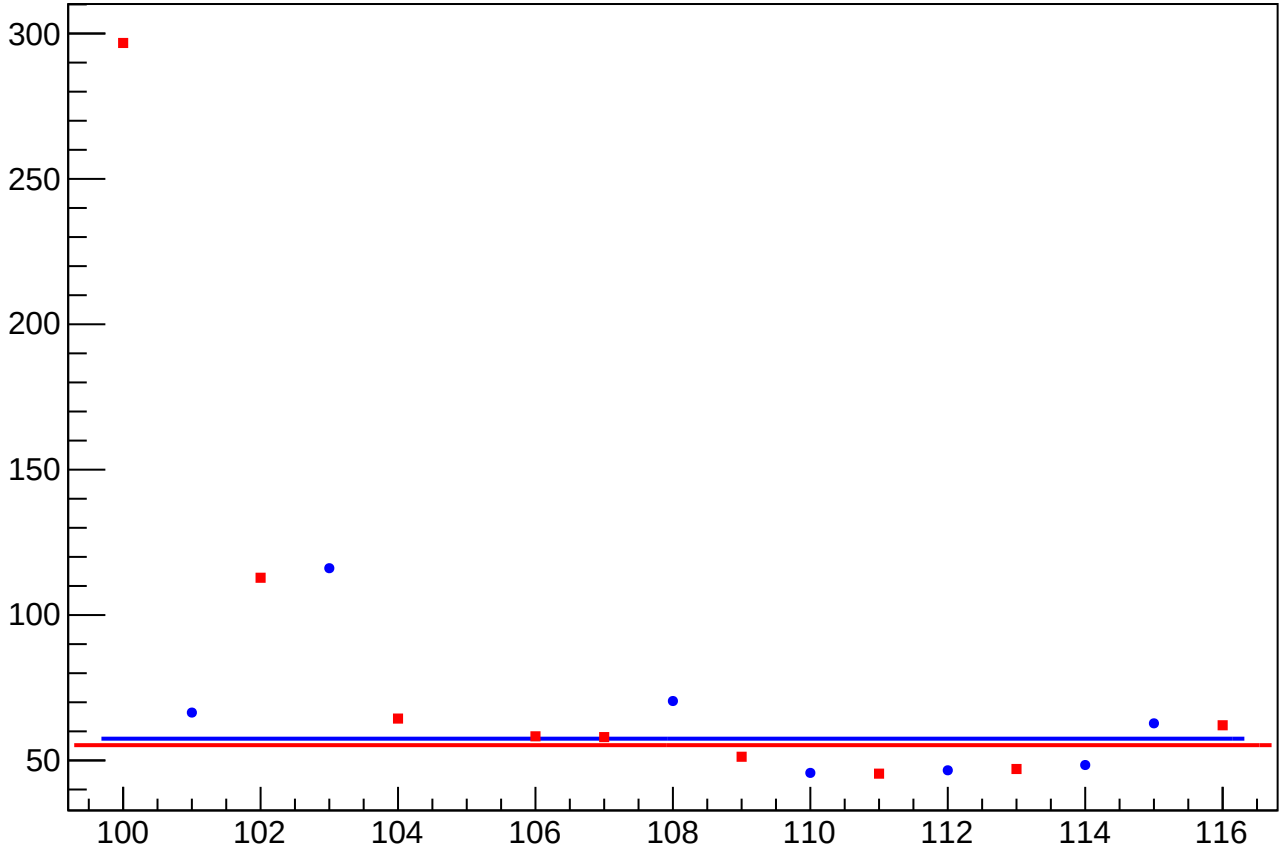
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -20.719+/-24.400 $\chi^2$/NDF: 20.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1357_avg_rms vs Slug




Right In: 57.480+/-0.027 $\chi^2$/NDF: 440374.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 55.250+/-0.023 $\chi^2$/NDF: 466799.5/8

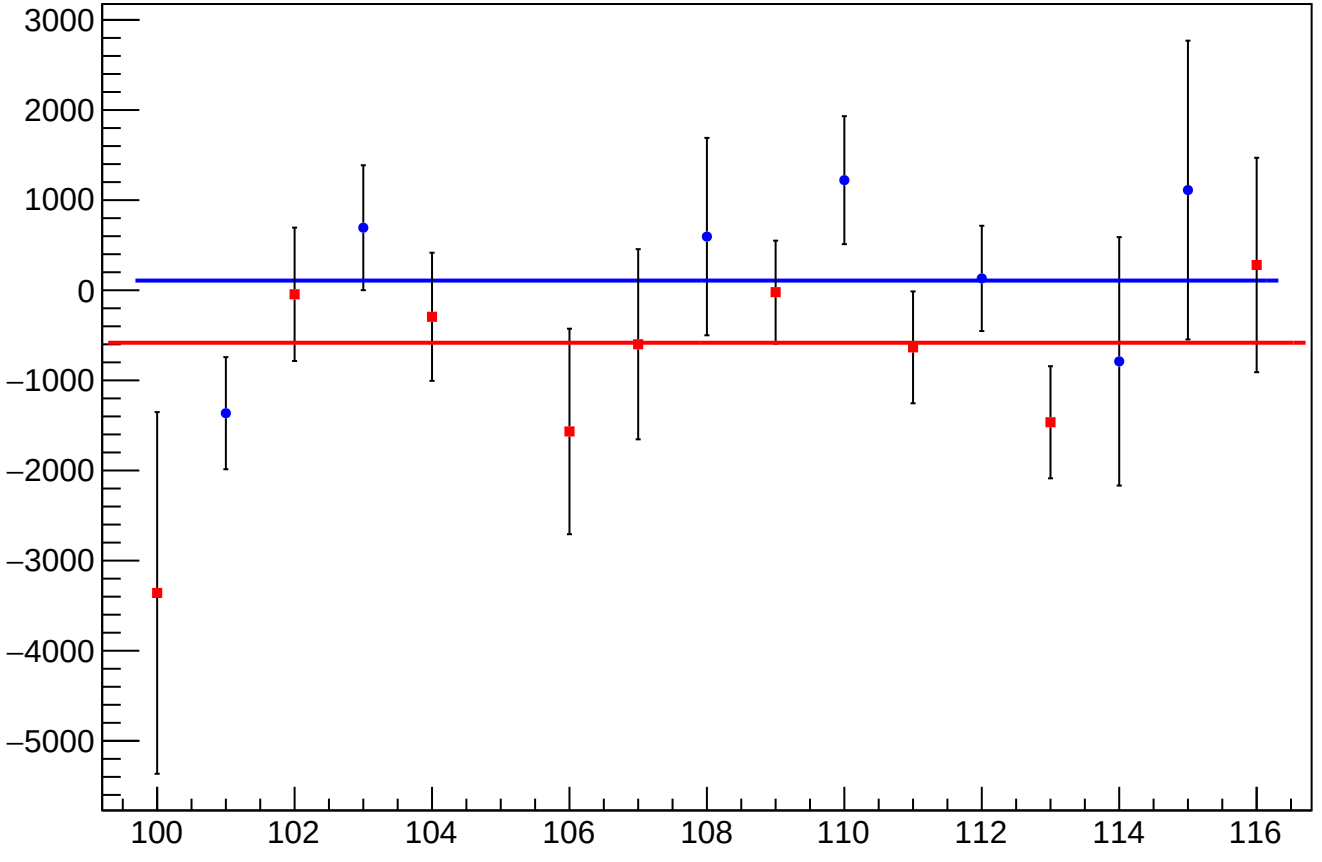
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 56.191+/-0.017 $\chi^2$/NDF: 911248.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_avg_correction_mean vs Slug




Right In: 107.621+/-297.462 $\chi^2$/NDF: 9.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -582.122+/-261.109 $\chi^2$/NDF: 6.9/8

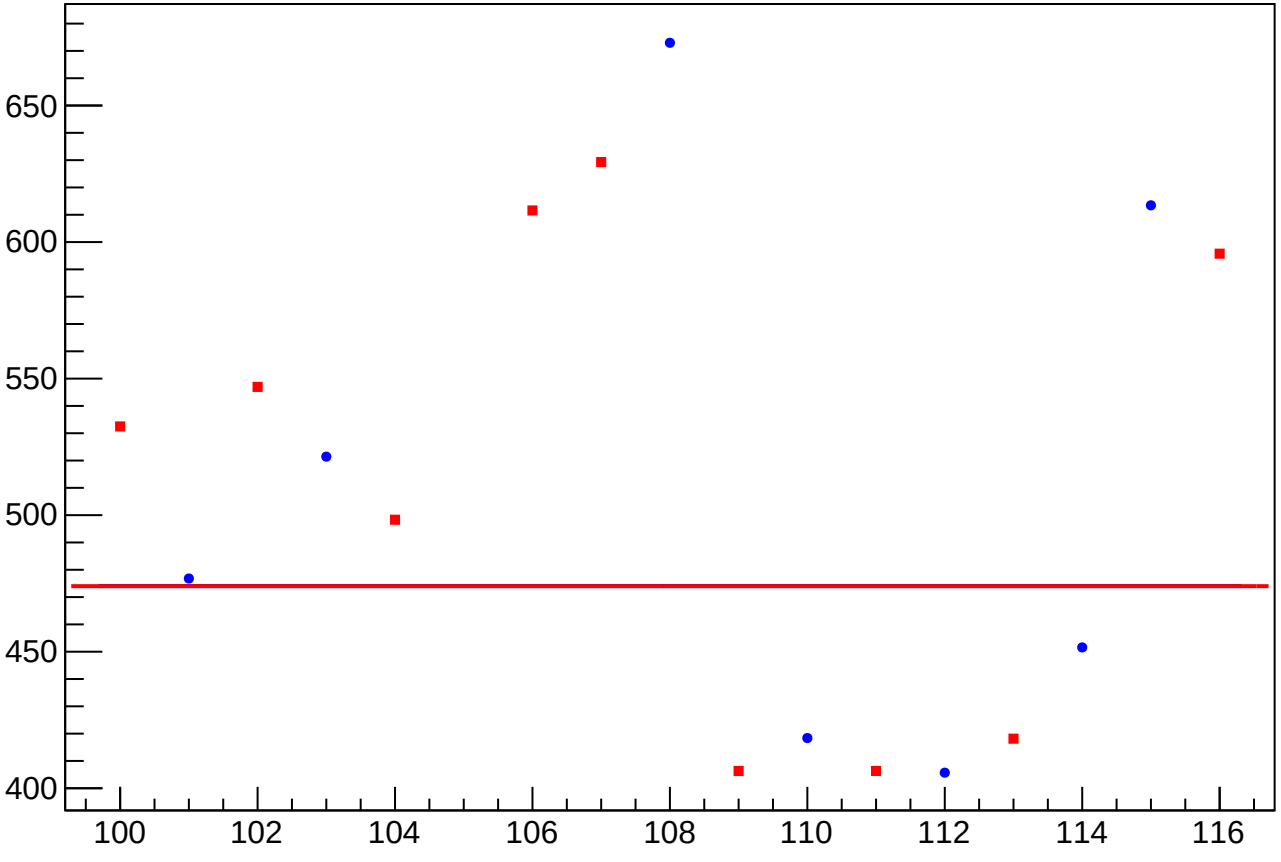
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -281.951+/-196.233 $\chi^2$/NDF: 19.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_avg_correction_rms vs Slug




Right In: 474.044+/-0.210 $\chi^2$/NDF: 129705.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 473.997+/-0.185 $\chi^2$/NDF: 184822.2/8

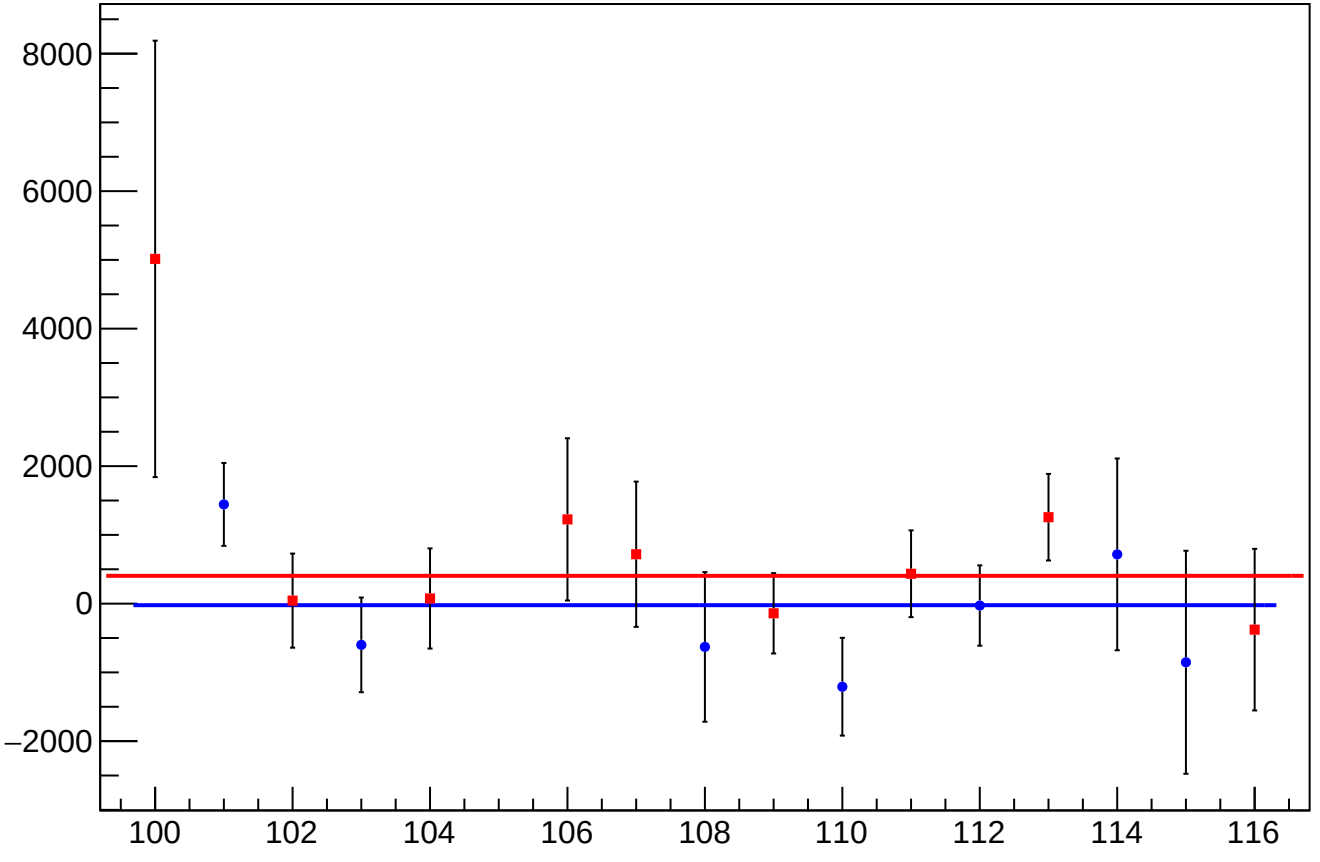
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 474.017+/-0.139 $\chi^2$/NDF: 314527.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_avg_mean vs Slug




Right In: -22.498+/-294.845 $\chi^2$/NDF: 10.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 404.794+/-263.360 $\chi^2$/NDF: 6.3/8

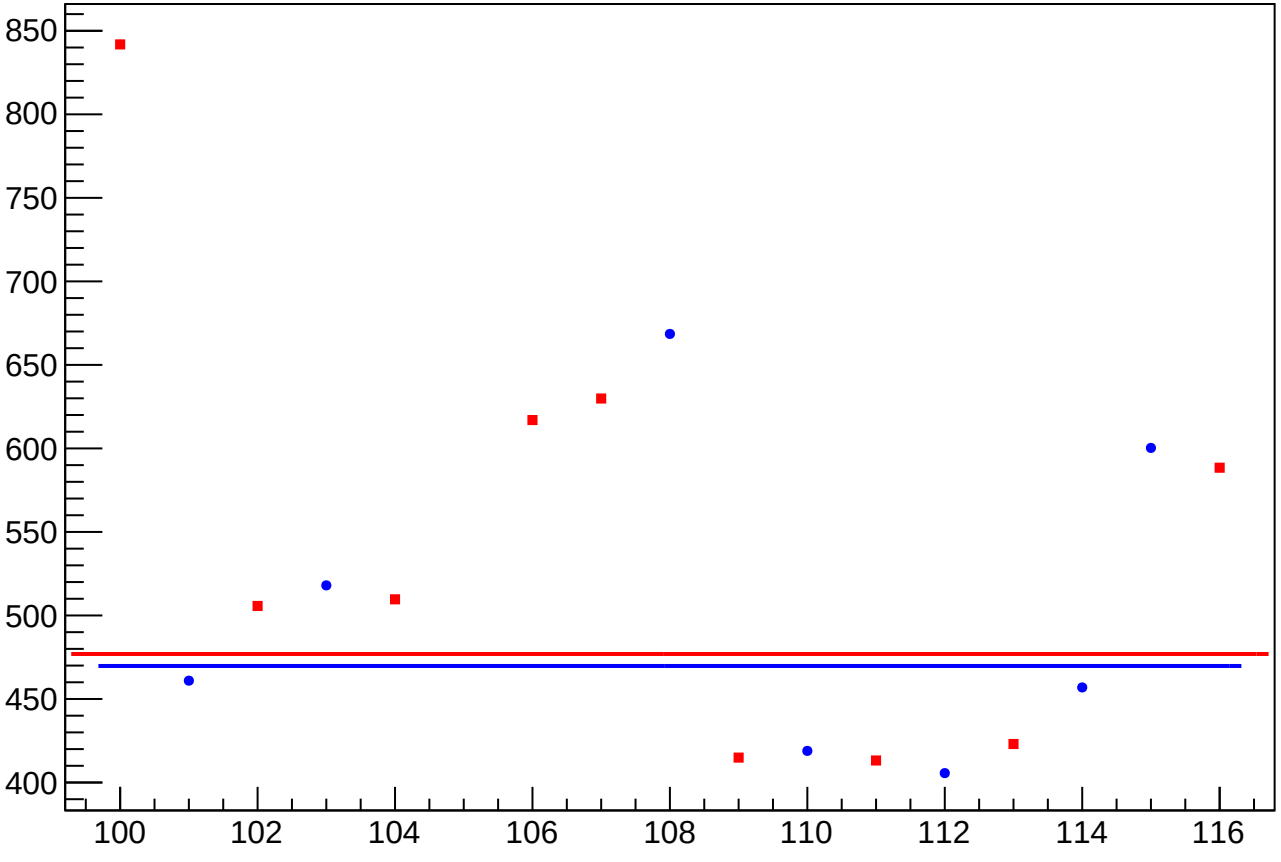
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 215.173+/-196.415 $\chi^2$/NDF: 17.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_avg_rms vs Slug




Right In: 469.760+/-0.208 $\chi^2$/NDF: 124405.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

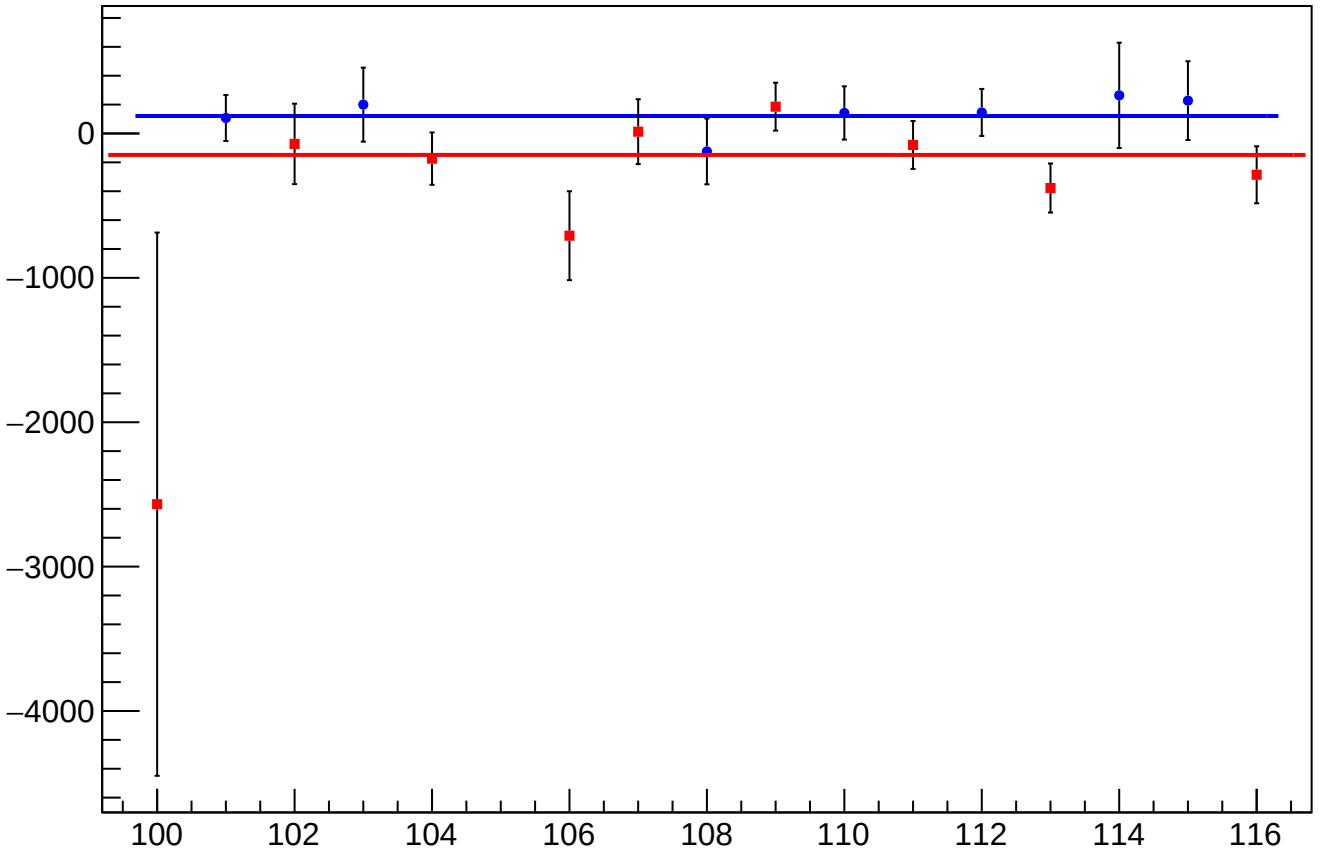
Right Out: 476.937+/-0.186 $\chi^2$/NDF: 179663.2/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 473.752+/-0.139 $\chi^2$/NDF: 304727.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 120.962+/-78.589 $\chi^2$/NDF: 1.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -148.691+/-69.528 $\chi^2$/NDF: 12.1/8

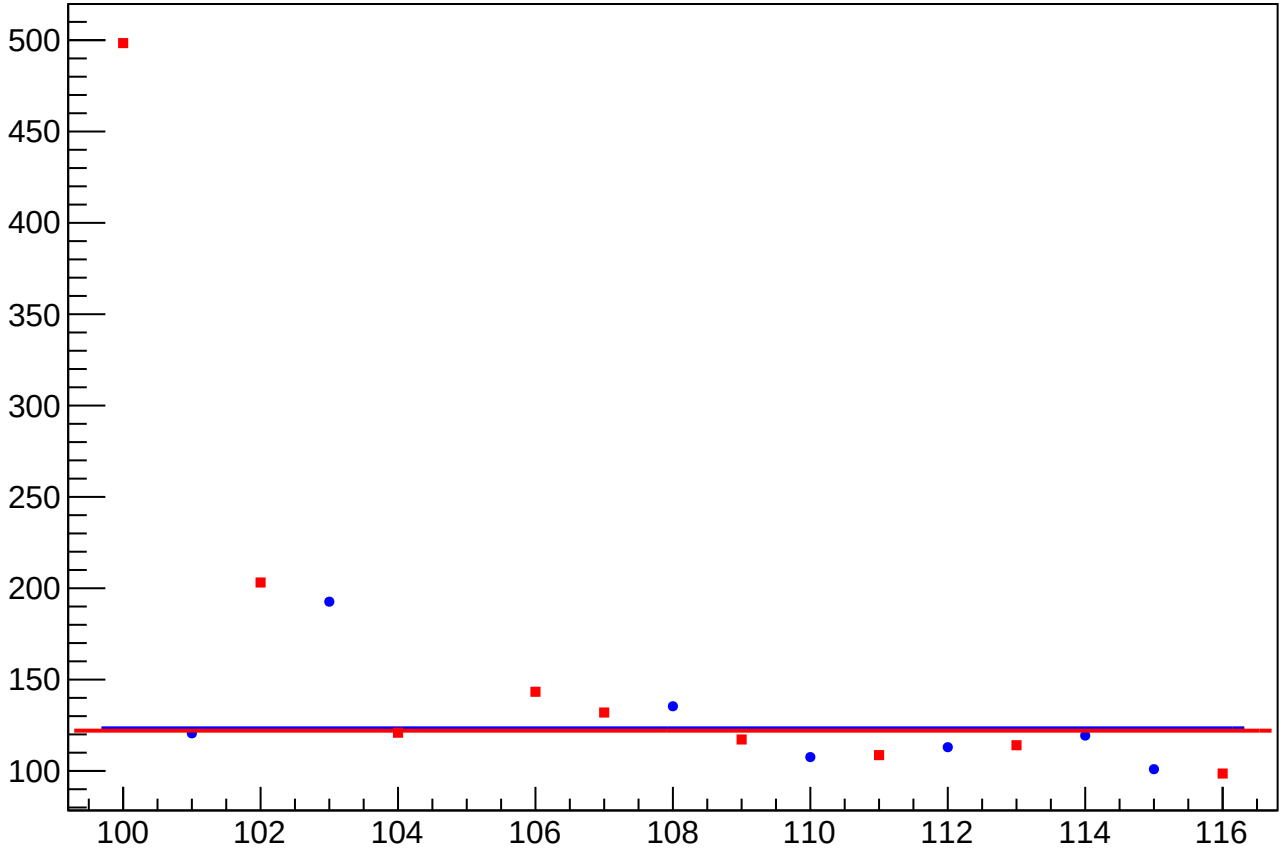
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -30.297+/-52.074 $\chi^2$/NDF: 20.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_2468_avg_rms vs Slug




Right In: 123.323+/-0.056 $\chi^2$/NDF: 188850.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

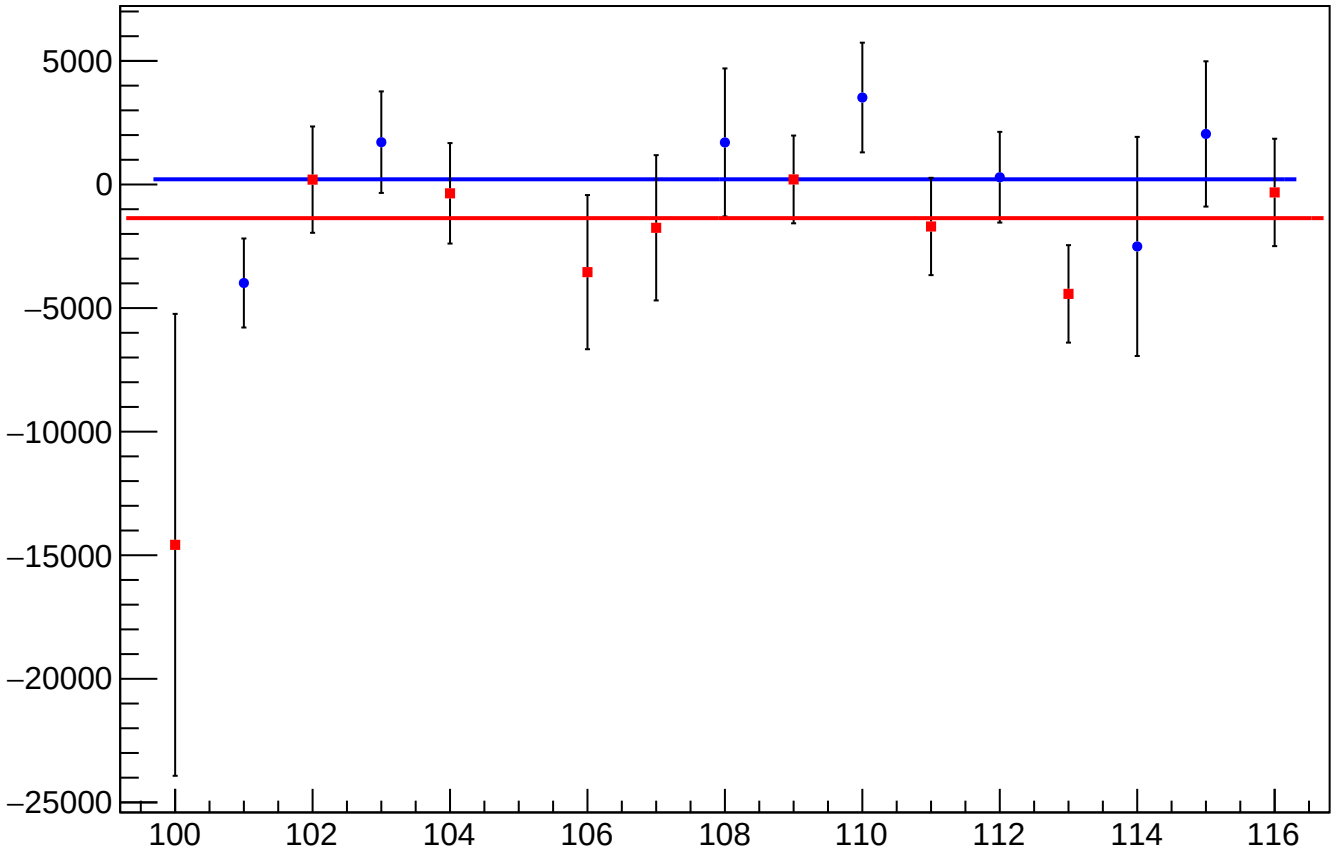
Right Out: 122.055+/-0.049 $\chi^2$/NDF: 310731.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 122.612+/-0.037 $\chi^2$/NDF: 499873.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 210.302+/-869.303 $\chi^2$/NDF: 9.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1360.917+/-759.707 $\chi^2$/NDF: 6.7/8

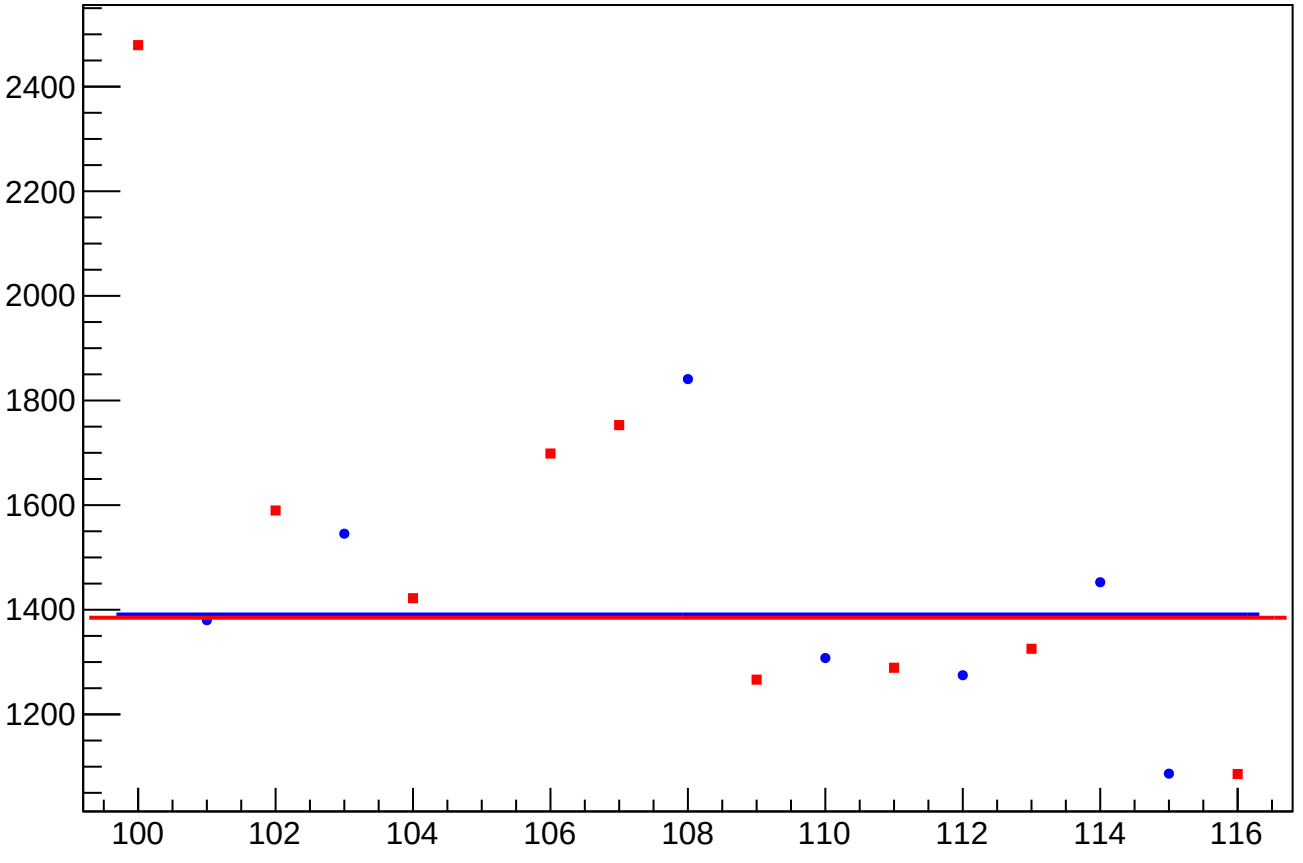
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -680.539+/-572.042 $\chi^2$/NDF: 17.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_2468_avg_correction_rms vs Slug




Right In: 1390.917+/-0.615 $\chi^2$/NDF: 89152.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1384.746+/-0.537 $\chi^2$/NDF: 151185.0/8

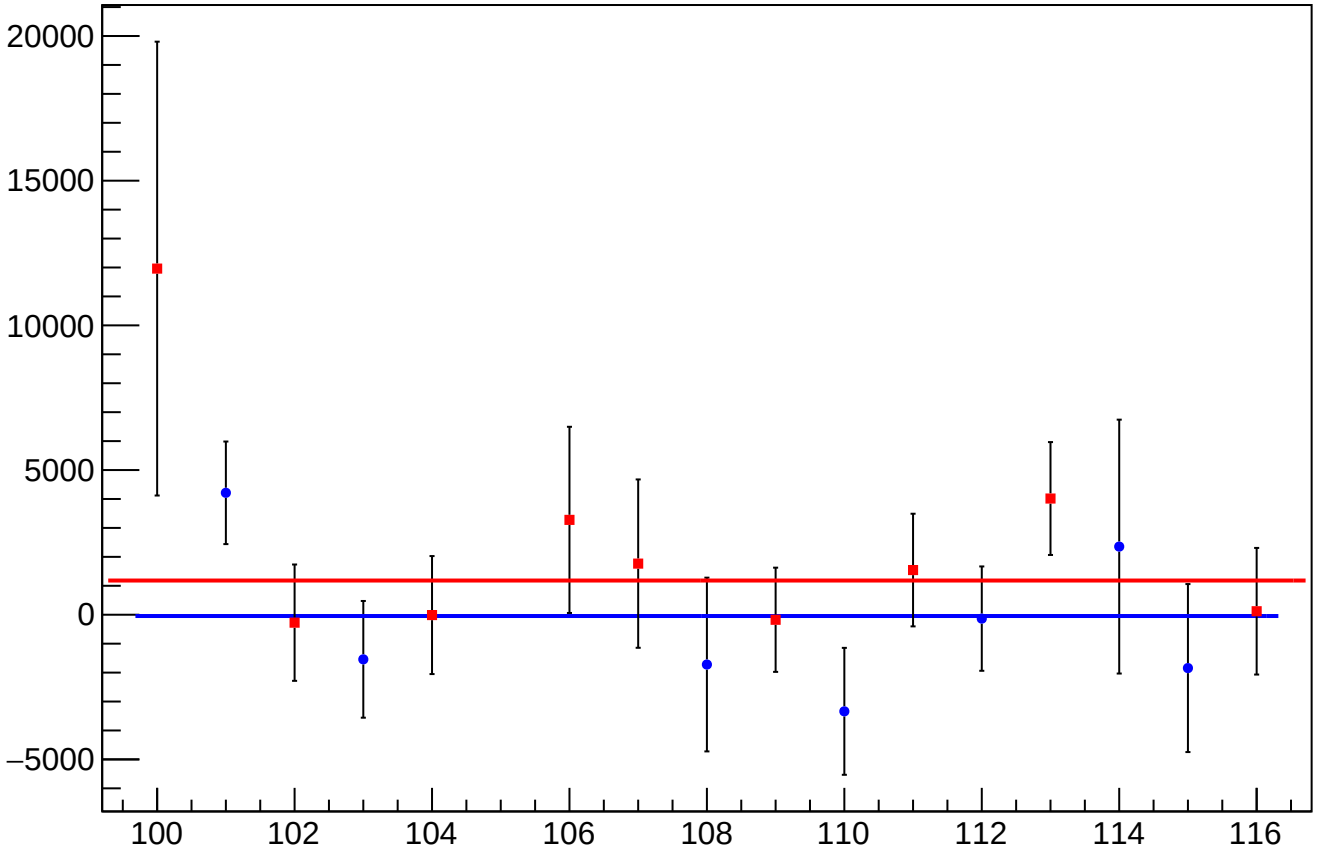
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1387.418+/-0.404 $\chi^2$/NDF: 240394.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_2468_avg_mean vs Slug




Right In: -44.538+/-857.130 $\chi^2$/NDF: 9.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1181.902+/-753.123 $\chi^2$/NDF: 6.2/8

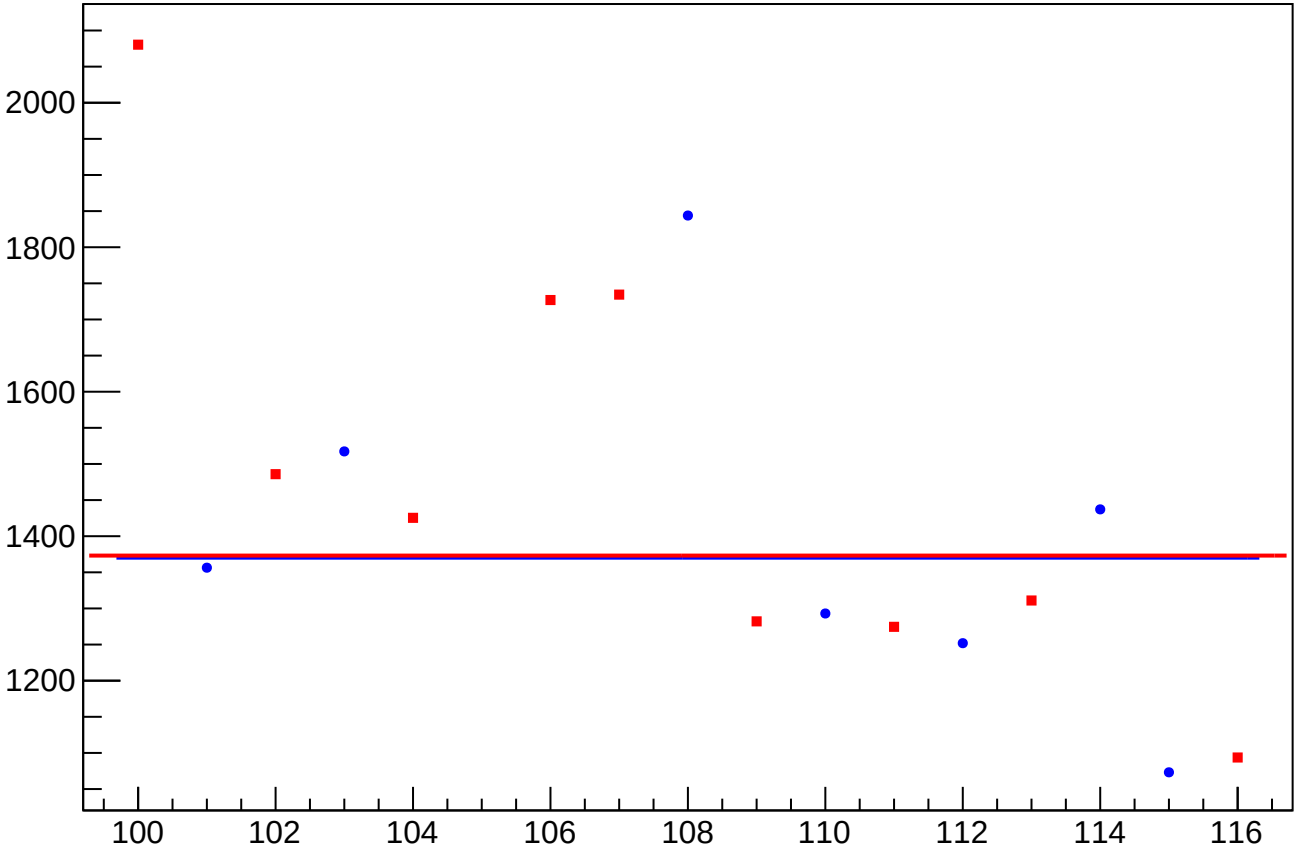
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 647.568+/-565.756 $\chi^2$/NDF: 16.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_2468_avg_rms vs Slug




Right In: 1370.312+/-0.606 $\chi^2$/NDF: 93045.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1373.166+/-0.533 $\chi^2$/NDF: 123798.2/8

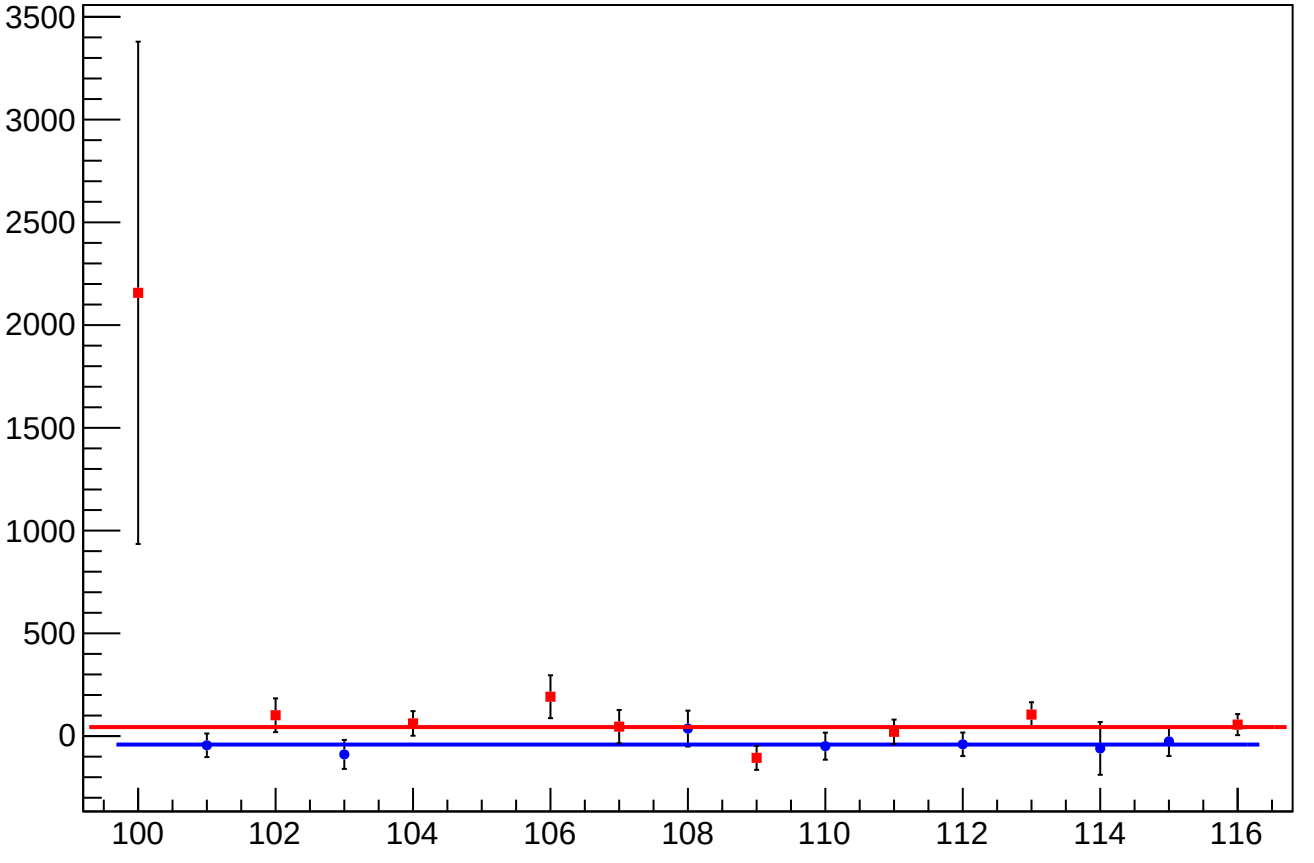
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1371.923+/-0.400 $\chi^2$/NDF: 216856.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1357_2468_dd_mean vs Slug




Right In: -41.145+/-26.434 $\chi^2$/NDF: 1.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 43.890+/-22.902 $\chi^2$/NDF: 13.4/8

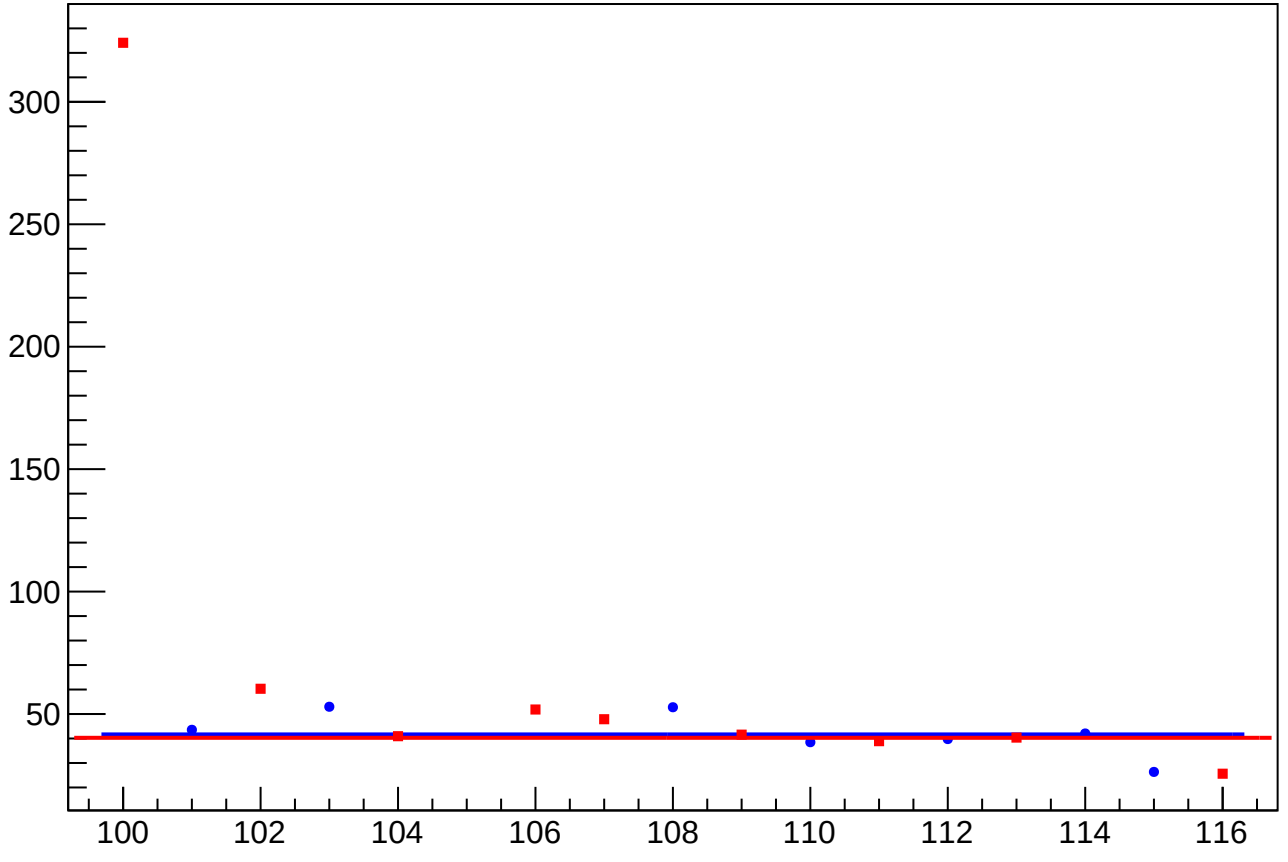
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 7.429+/-17.309 $\chi^2$/NDF: 20.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_1357_2468_dd_rms vs Slug




Right In: 41.667+/-0.019 $\chi^2$/NDF: 185317.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 40.283+/-0.016 $\chi^2$/NDF: 434999.2/8

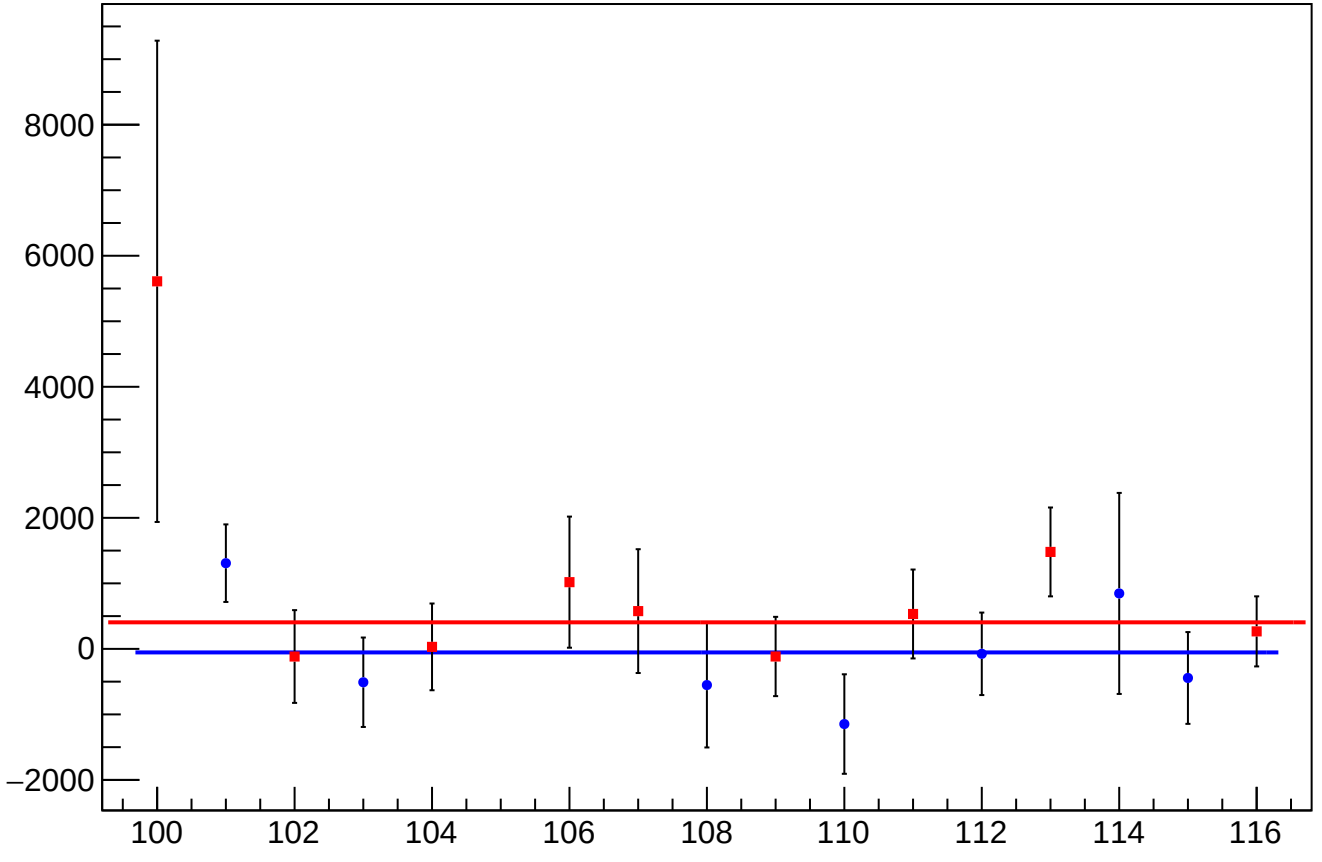
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 40.877+/-0.012 $\chi^2$/NDF: 623449.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_2468_dd_correction_mean vs Slug




Right In: -54.039+/-279.236 $\chi^2$/NDF: 8.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 405.194+/-242.191 $\chi^2$/NDF: 6.6/8

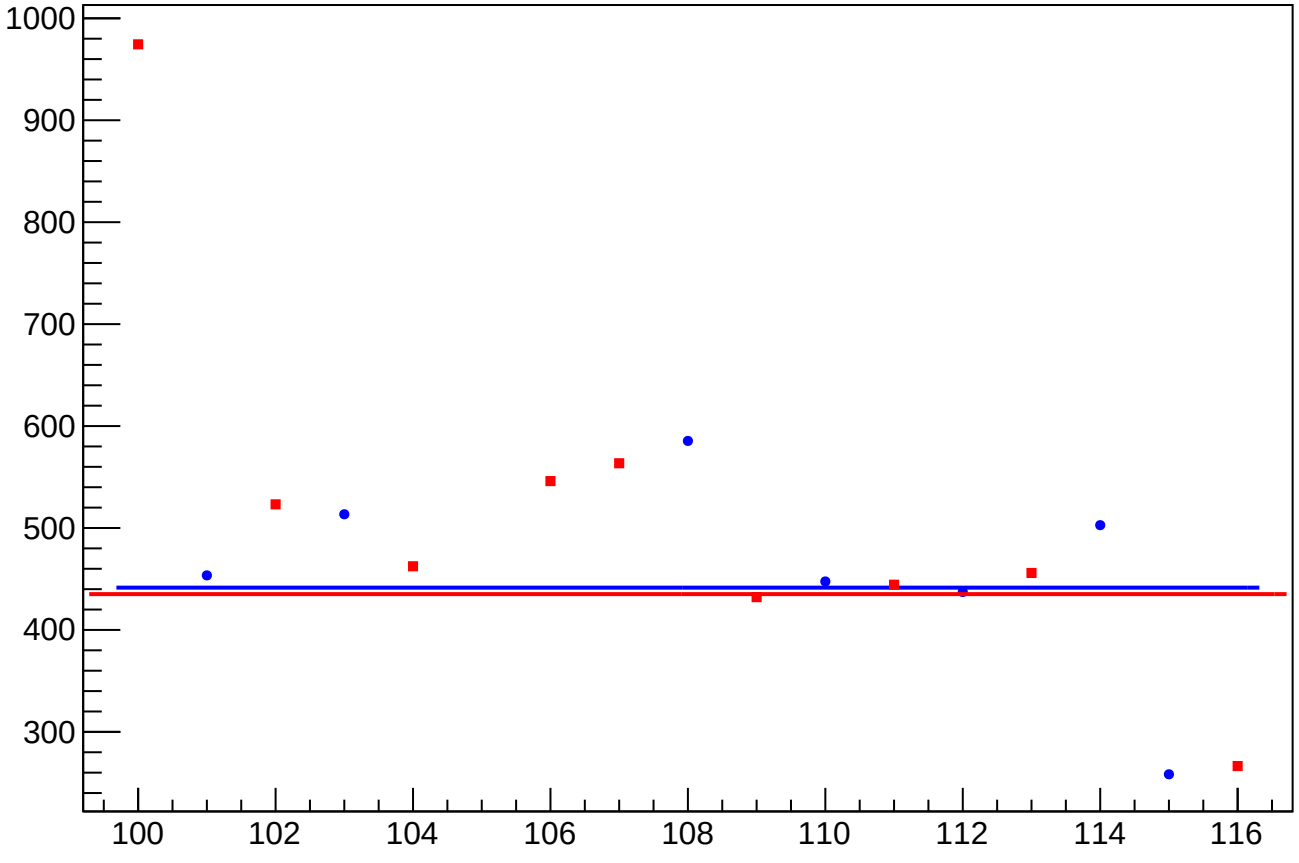
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 208.040+/-182.961 $\chi^2$/NDF: 16.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_2468_dd_correction_rms vs Slug




Right In: 441.493+/-0.197 $\chi^2$/NDF: 208841.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 435.133+/-0.171 $\chi^2$/NDF: 340268.6/8

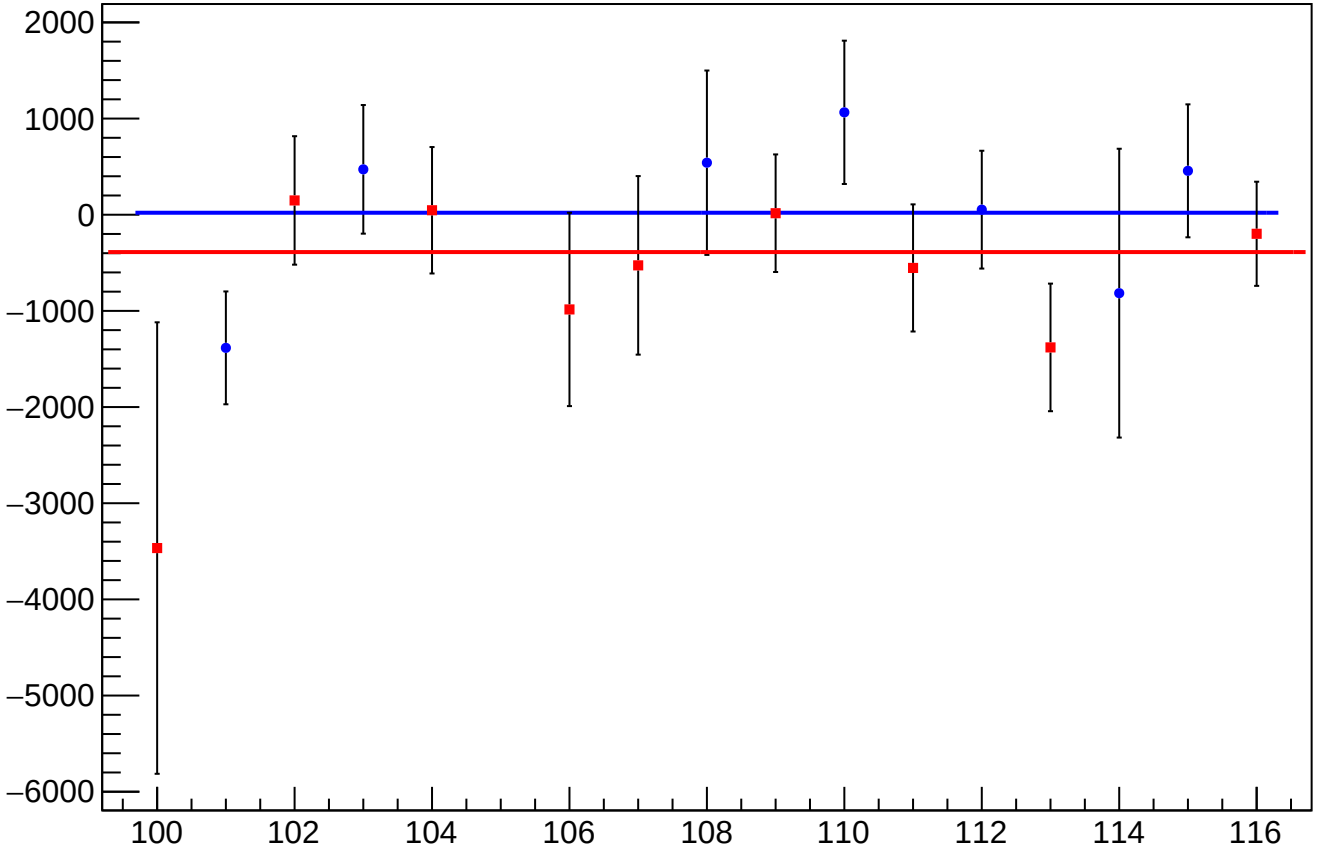
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 437.864+/-0.129 $\chi^2$/NDF: 549701.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_2468_dd_mean vs Slug




Right In: 20.680+/-274.923 $\chi^2$/NDF: 9.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -388.330+/-238.828 $\chi^2$/NDF: 6.0/8

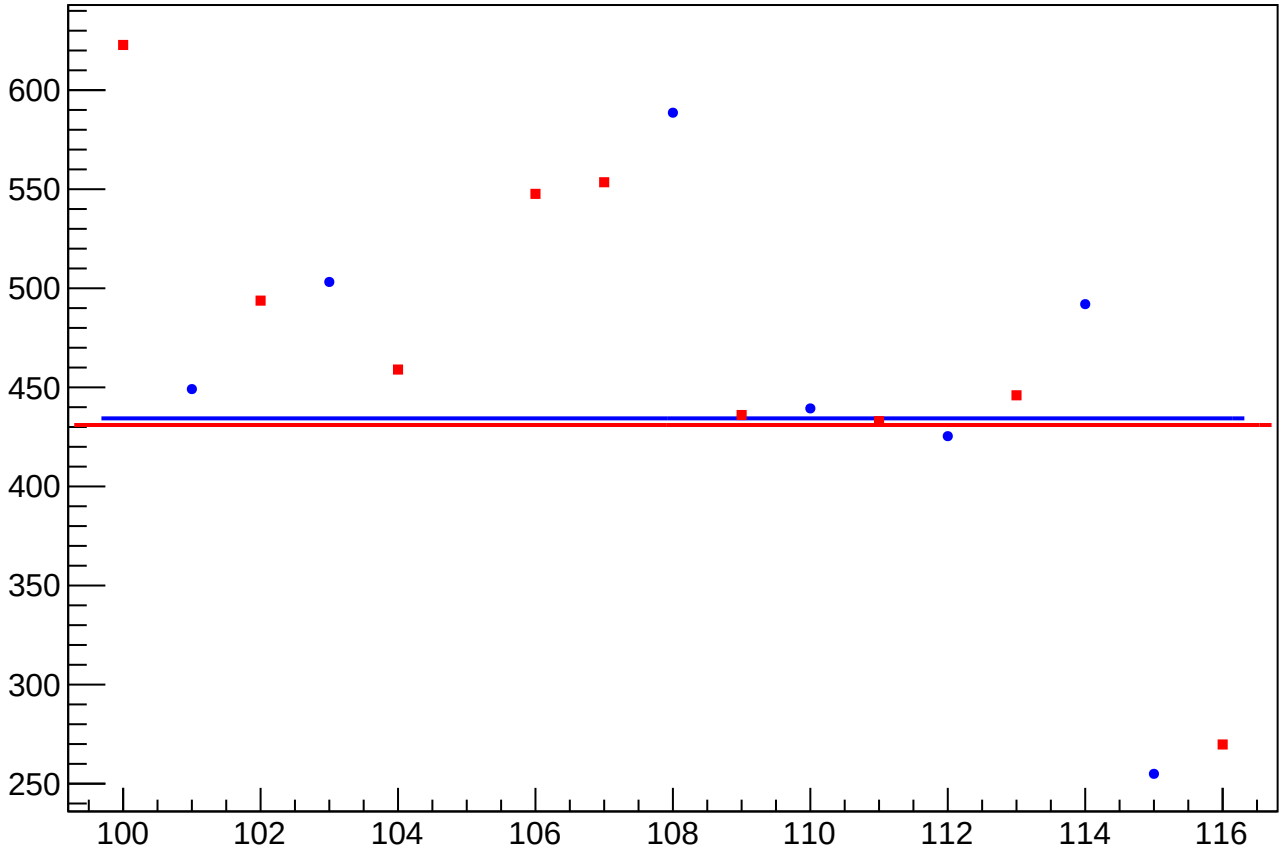
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -212.421+/-180.297 $\chi^2$/NDF: 16.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_1357_2468_dd_rms vs Slug




Right In: 434.355+/-0.194 $\chi^2$/NDF: 212383.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 431.006+/-0.169 $\chi^2$/NDF: 274846.5/8

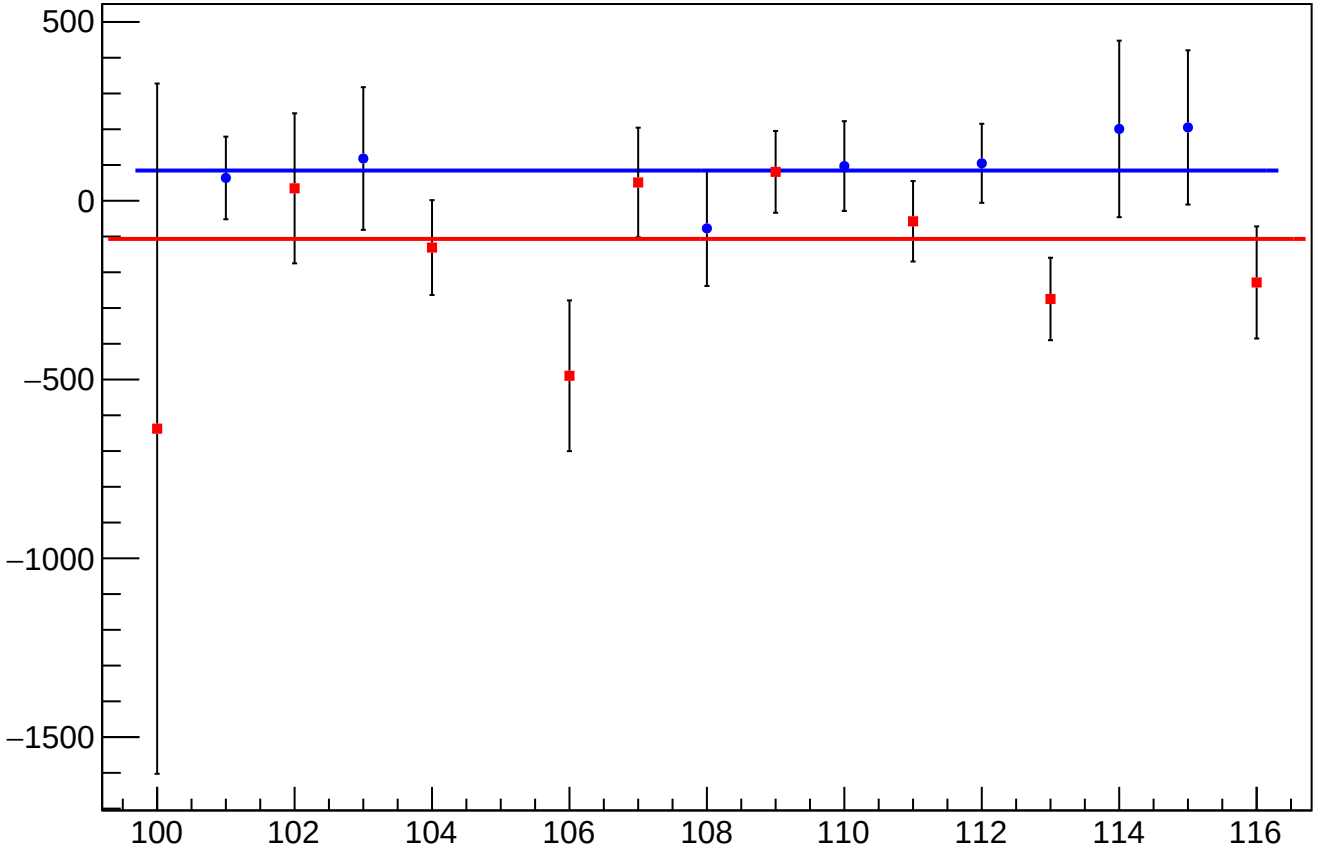
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 432.446+/-0.127 $\chi^2$/NDF: 487399.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_12345678_avg_mean vs Slug




Right In: 84.560+/-55.746 $\chi^2$/NDF: 1.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -106.684+/-48.964 $\chi^2$/NDF: 10.8/8

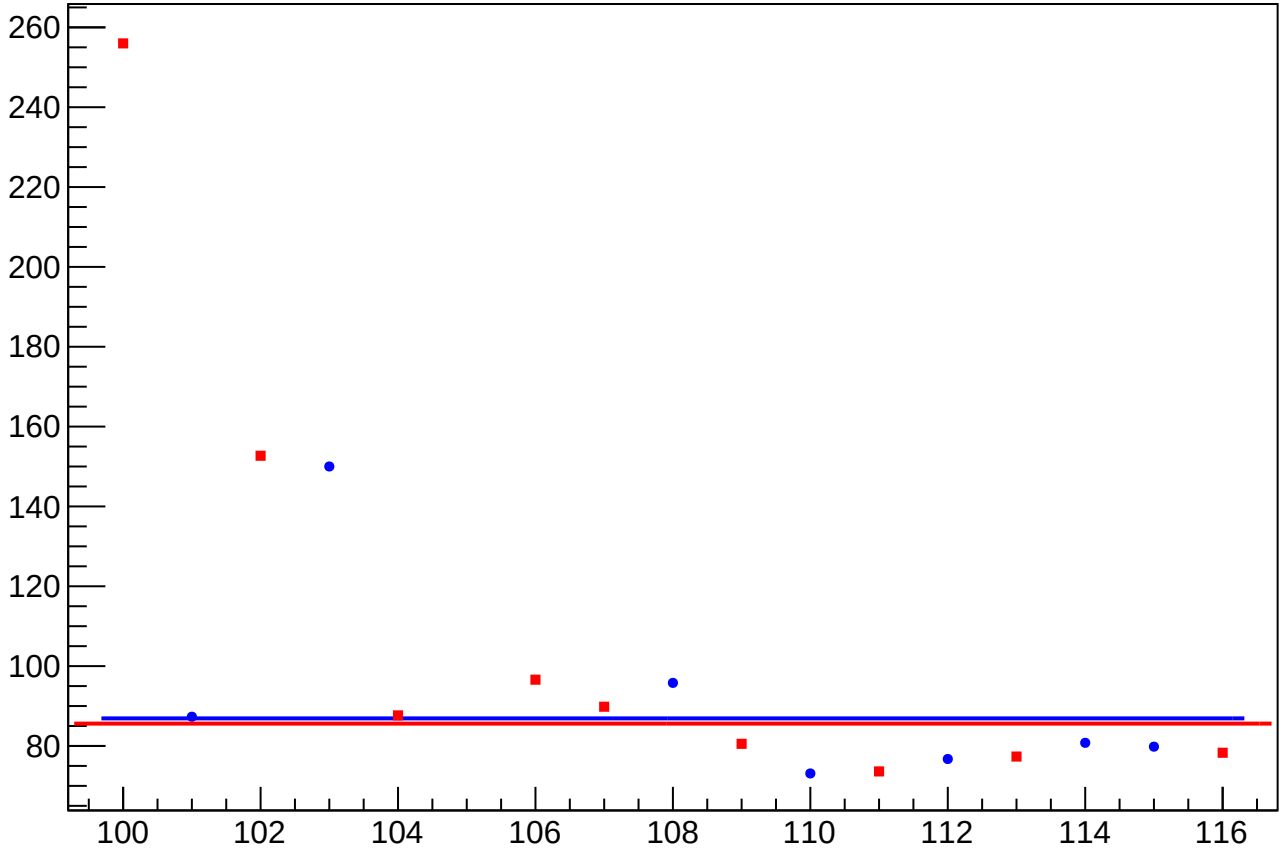
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -23.398+/-36.788 $\chi^2$/NDF: 19.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_asym_sam_12345678_avg_rms vs Slug




Right In: 86.907+/-0.039 $\chi^2$/NDF: 250640.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 85.602+/-0.035 $\chi^2$/NDF: 315449.8/8

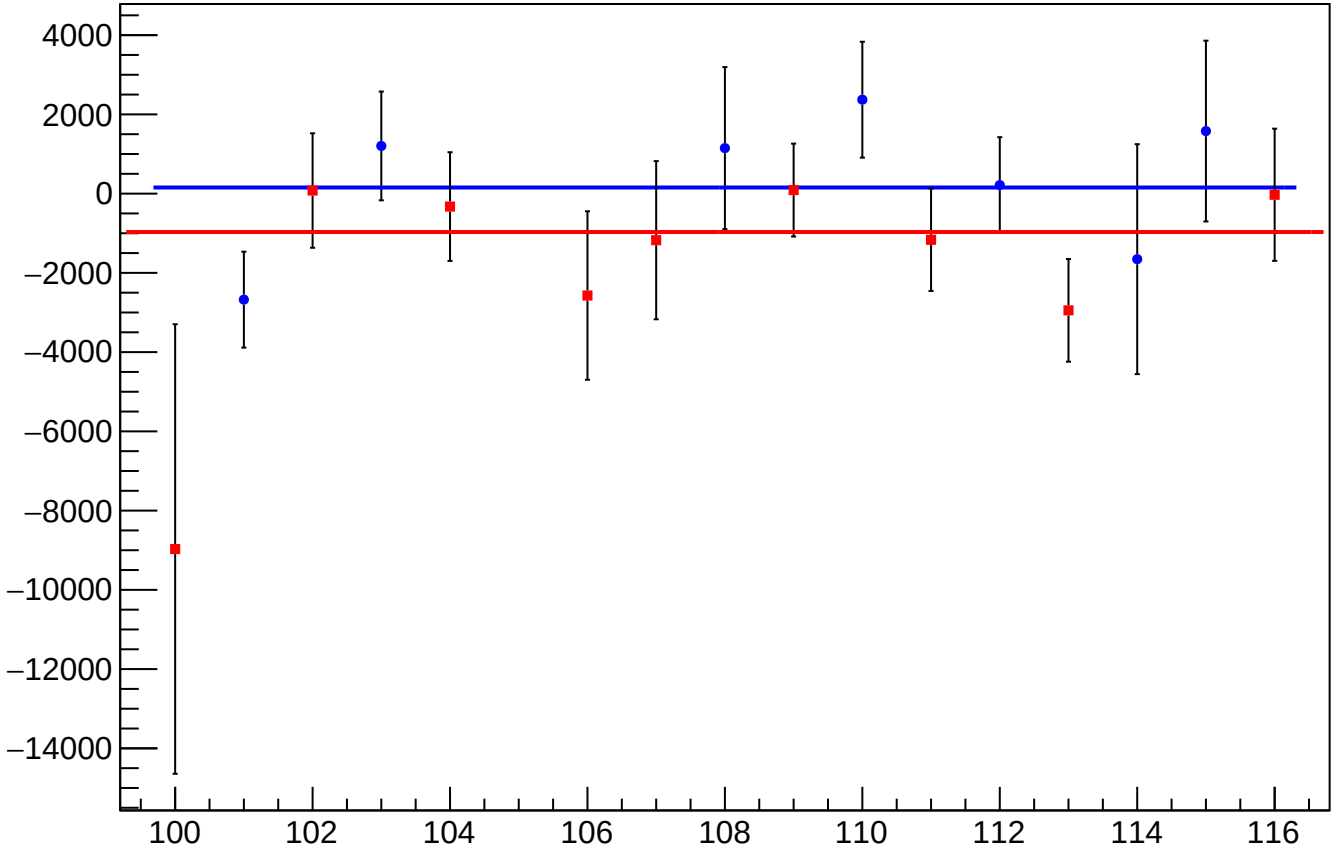
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 86.170+/-0.026 $\chi^2$/NDF: 566709.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_12345678_avg_correction_mean vs Slug




Right In: 154.815+/-585.533 $\chi^2$/NDF: 9.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -968.726+/-513.185 $\chi^2$/NDF: 6.8/8

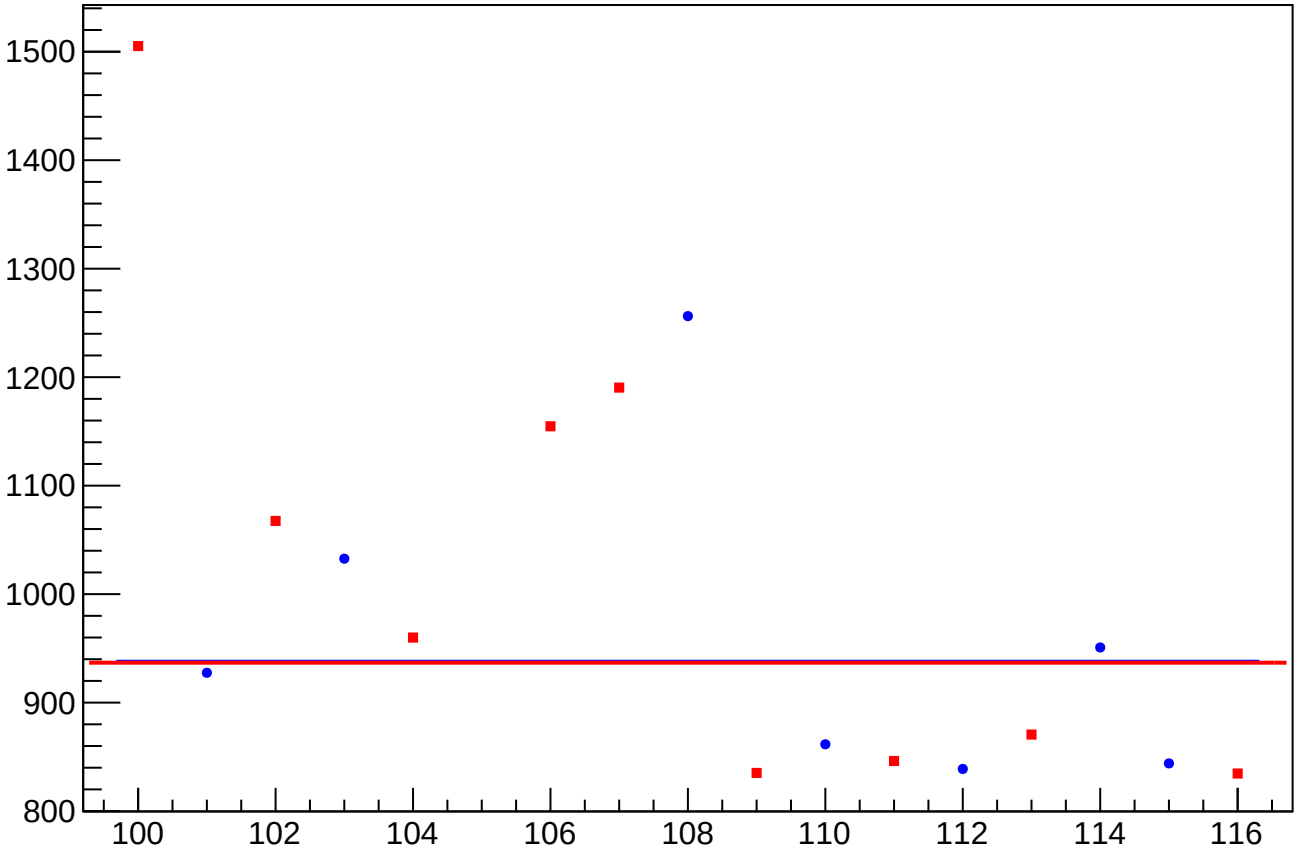
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -480.618+/-385.935 $\chi^2$/NDF: 18.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_12345678_avg_correction_rms vs Slug




Right In: 937.673+/-0.414 $\chi^2$/NDF: 80520.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 936.812+/-0.363 $\chi^2$/NDF: 127929.8/8

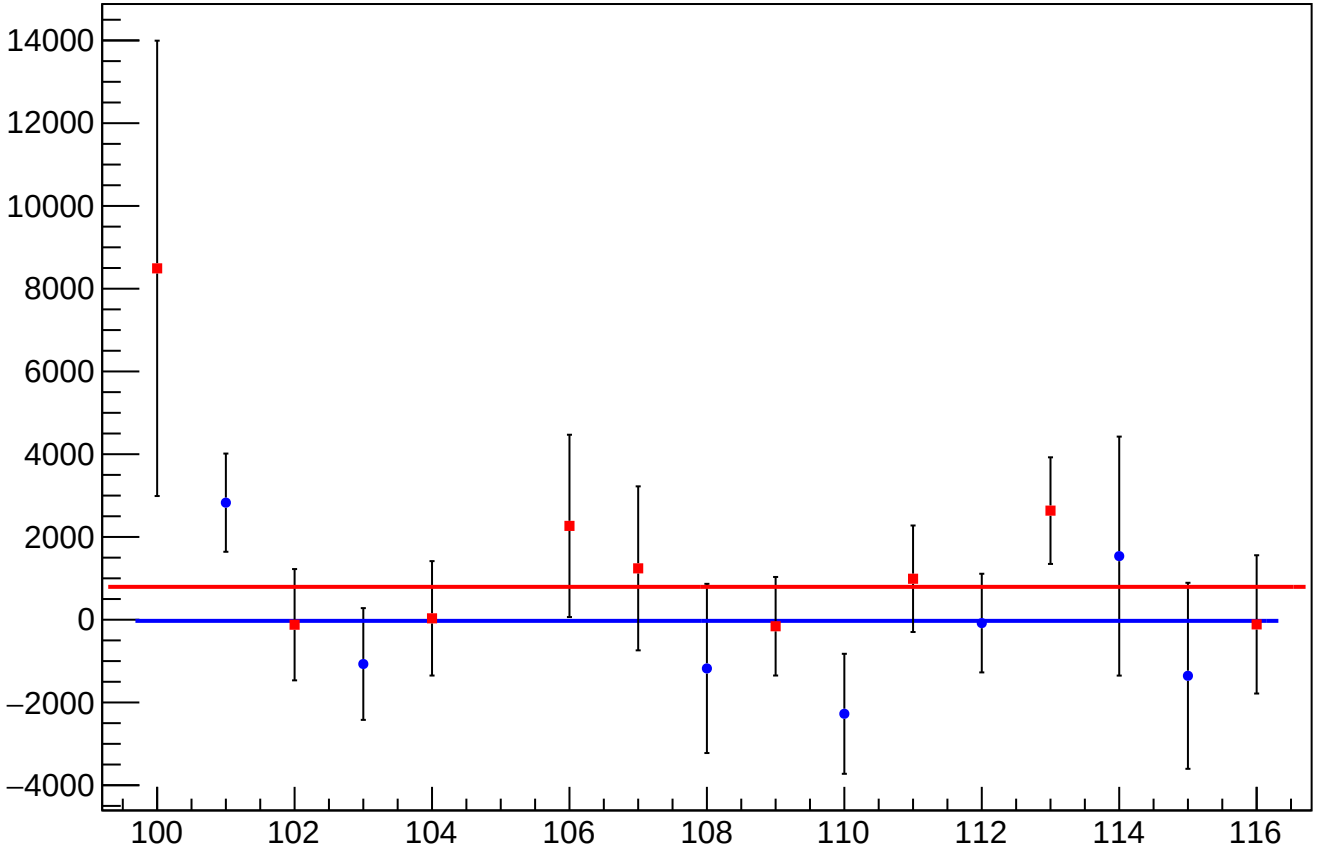
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 937.186+/-0.273 $\chi^2$/NDF: 208452.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_12345678_avg_mean vs Slug




Right In: -27.748+/-577.868 $\chi^2$/NDF: 9.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 794.064+/-510.389 $\chi^2$/NDF: 6.2/8

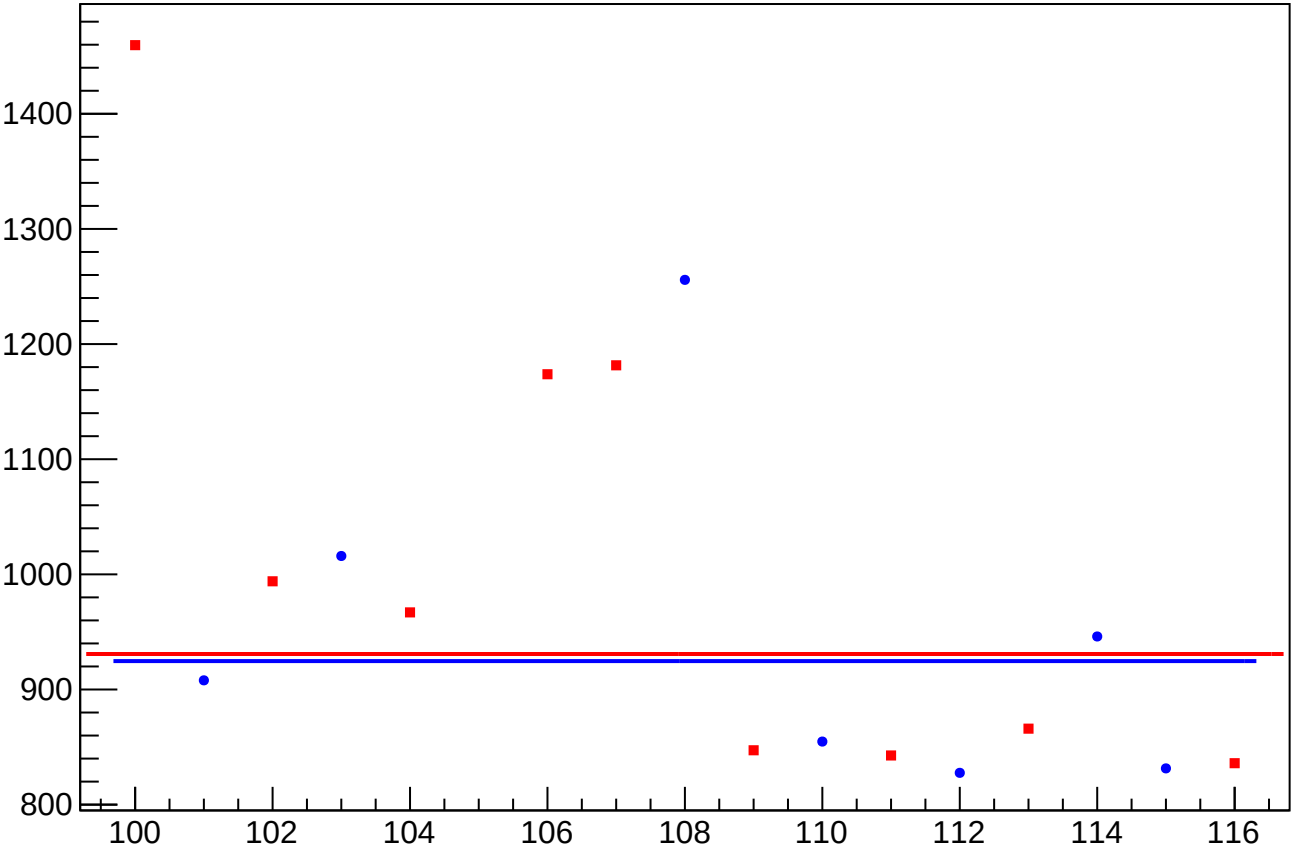
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 433.921+/-382.543 $\chi^2$/NDF: 17.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# asym_sam_12345678_avg_rms vs Slug




Right In: 924.670+/-0.409 $\chi^2$/NDF: 83437.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 930.828+/-0.361 $\chi^2$/NDF: 111324.4/8

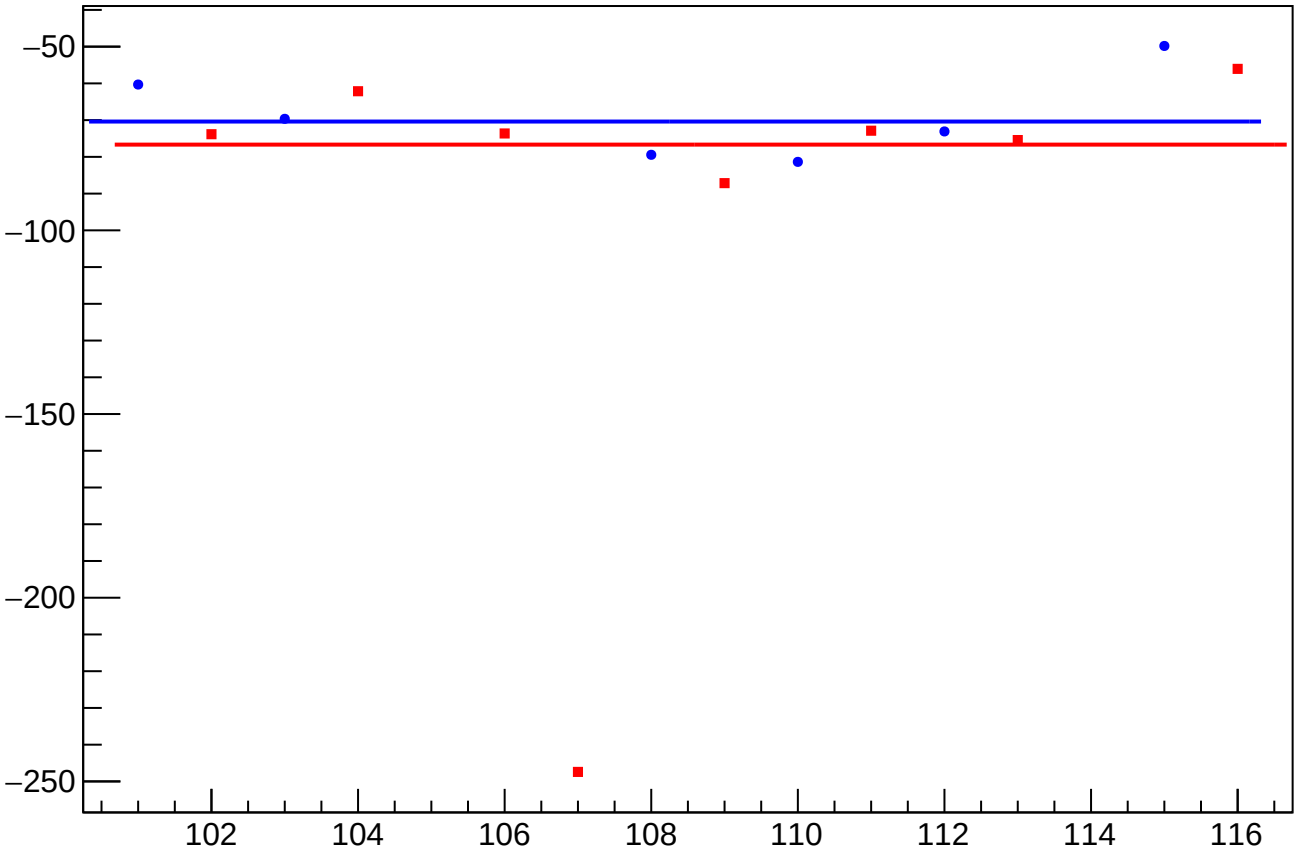
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 928.129+/-0.270 $\chi^2$/NDF: 194889.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_4aX_slope vs Slug




Right In: -70.386+/-0.183 $\chi^2$/NDF: 1580.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -76.667+/-0.134 $\chi^2$/NDF: 27864.0/7

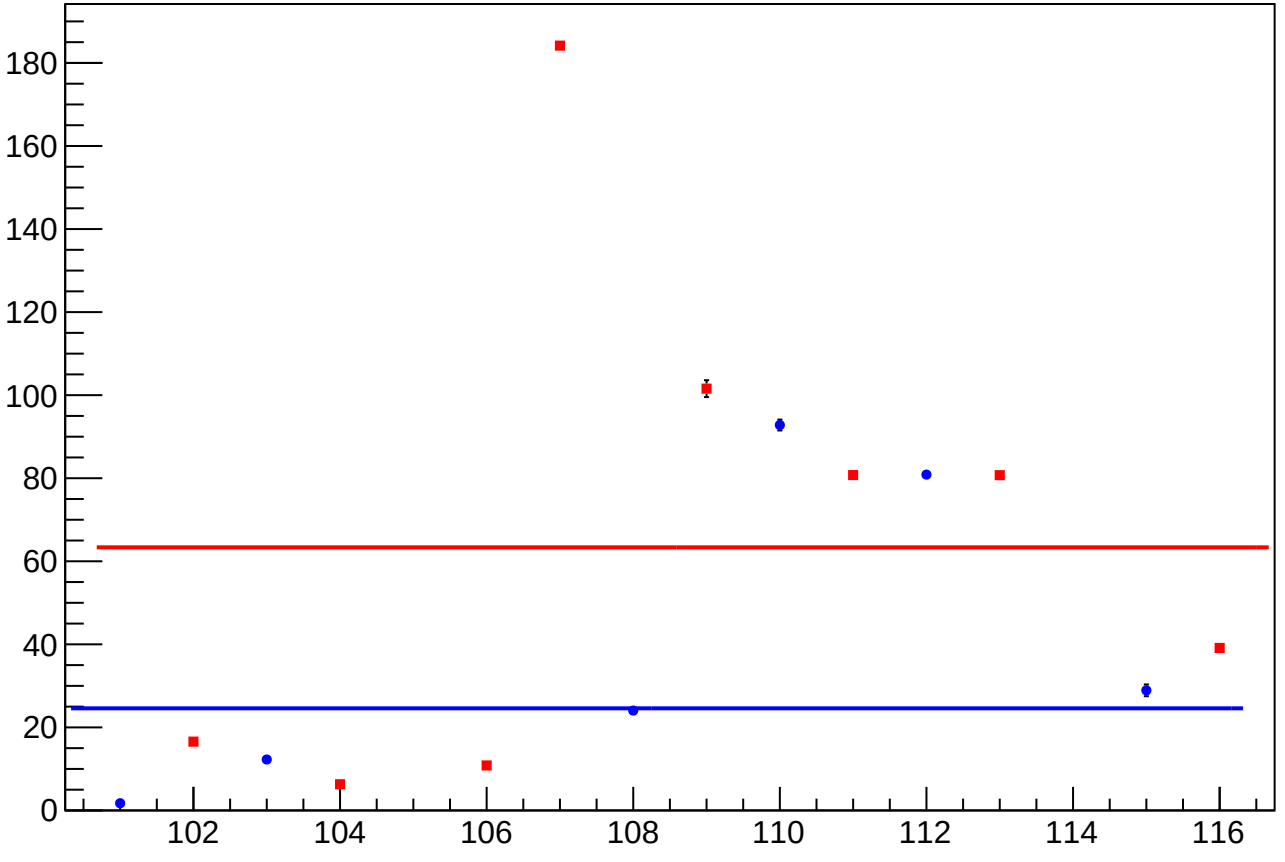
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -74.469+/-0.108 $\chi^2$/NDF: 30207.8/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_4eX_slope vs Slug




Right In: 24.591+/-0.168 $\chi^2$/NDF: 28974.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 63.357+/-0.167 $\chi^2$/NDF: 57024.6/7

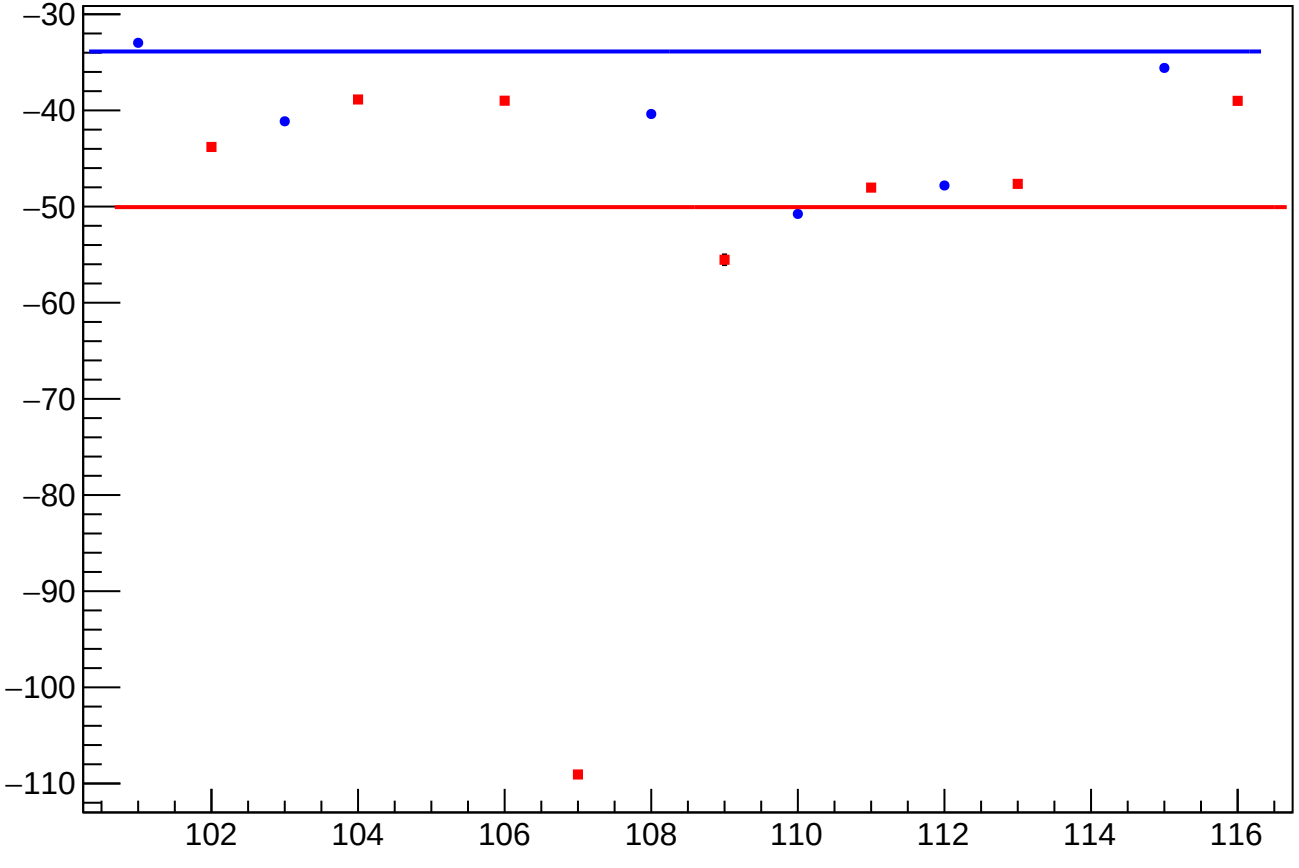
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 44.059+/-0.118 $\chi^2$/NDF: 112806.9/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_11X12X_slope vs Slug




Right In: -33.872+/-0.015 $\chi^2$/NDF: 48013.4/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -50.058+/-0.040 $\chi^2$/NDF: 212343.7/7

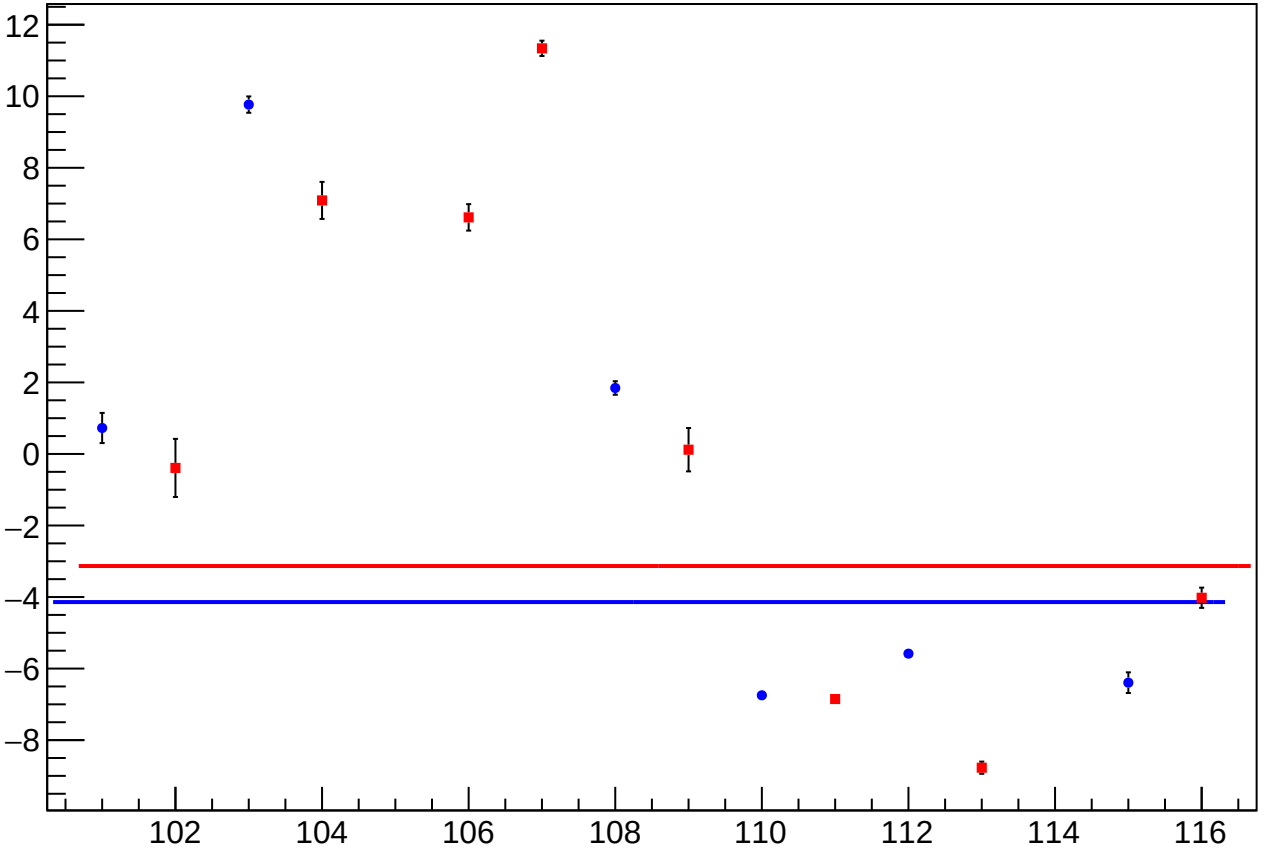
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -35.830+/-0.014 $\chi^2$/NDF: 401564.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_4aY_slope vs Slug




Right In: -4.141+/-0.056 $\chi^2$/NDF: 5690.7/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3.133+/-0.083 $\chi^2$/NDF: 7660.6/7

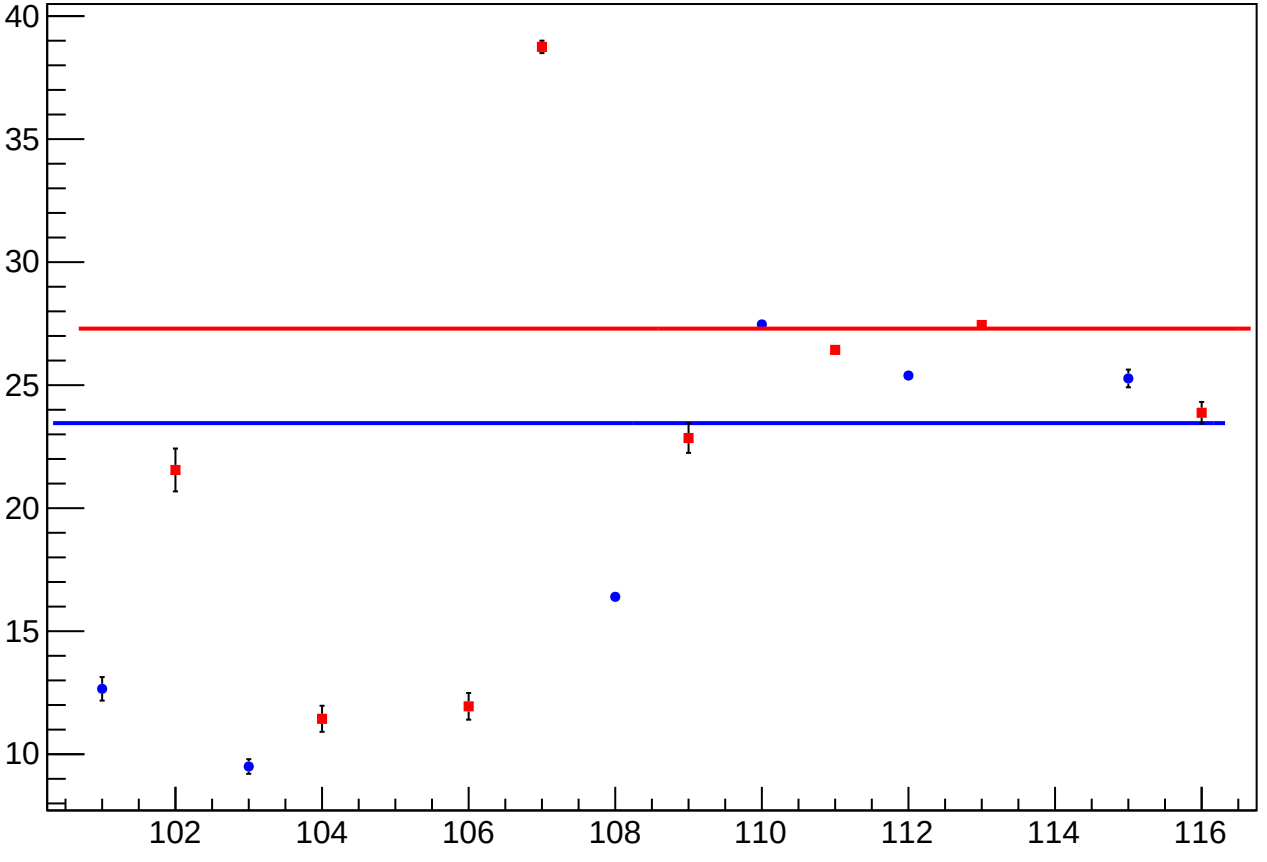
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -3.826+/-0.046 $\chi^2$/NDF: 13453.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_4eY_slope vs Slug




Right In: 23.457+/-0.070 $\chi^2$/NDF: 5406.3/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 27.298+/-0.091 $\chi^2$/NDF: 3956.2/7

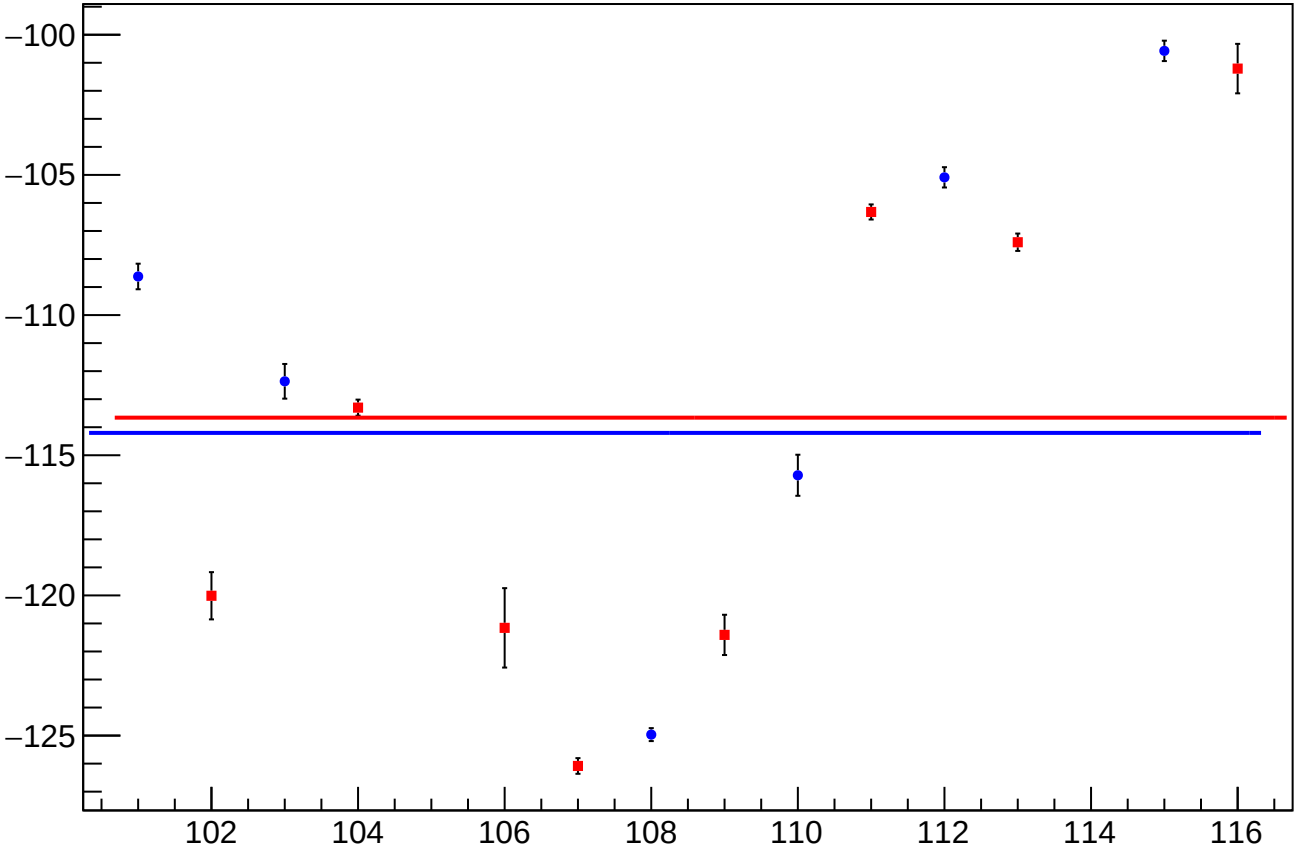
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 24.892+/-0.056 $\chi^2$/NDF: 10475.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_4aX_slope vs Slug




Right In: -114.203+/-0.152 $\chi^2$/NDF: 4363.9/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -113.659+/-0.136 $\chi^2$/NDF: 3527.1/7

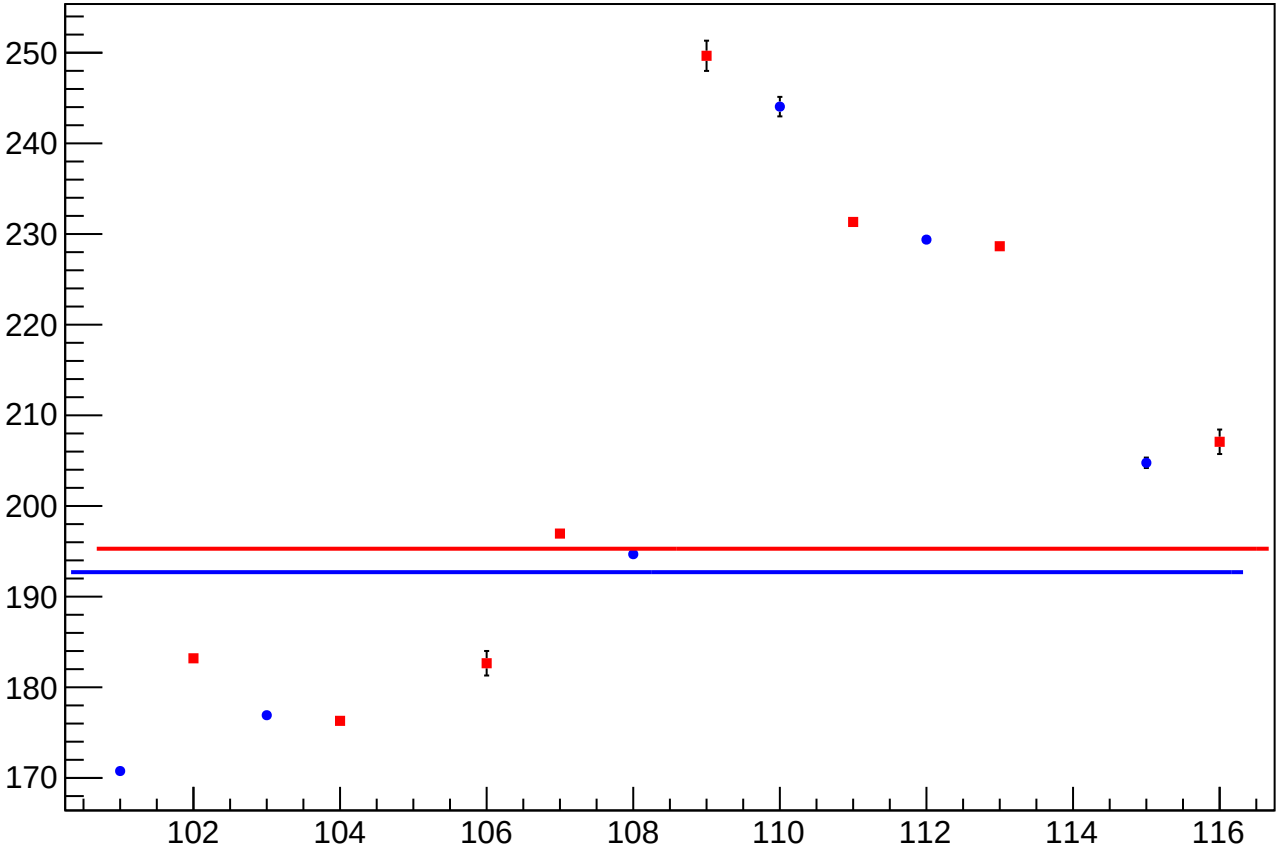
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -113.900+/-0.101 $\chi^2$/NDF: 7898.1/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_4eX_slope vs Slug




Right In: 192.700+/-0.141 $\chi^2$/NDF: 15379.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 195.285+/-0.128 $\chi^2$/NDF: 28998.9/7

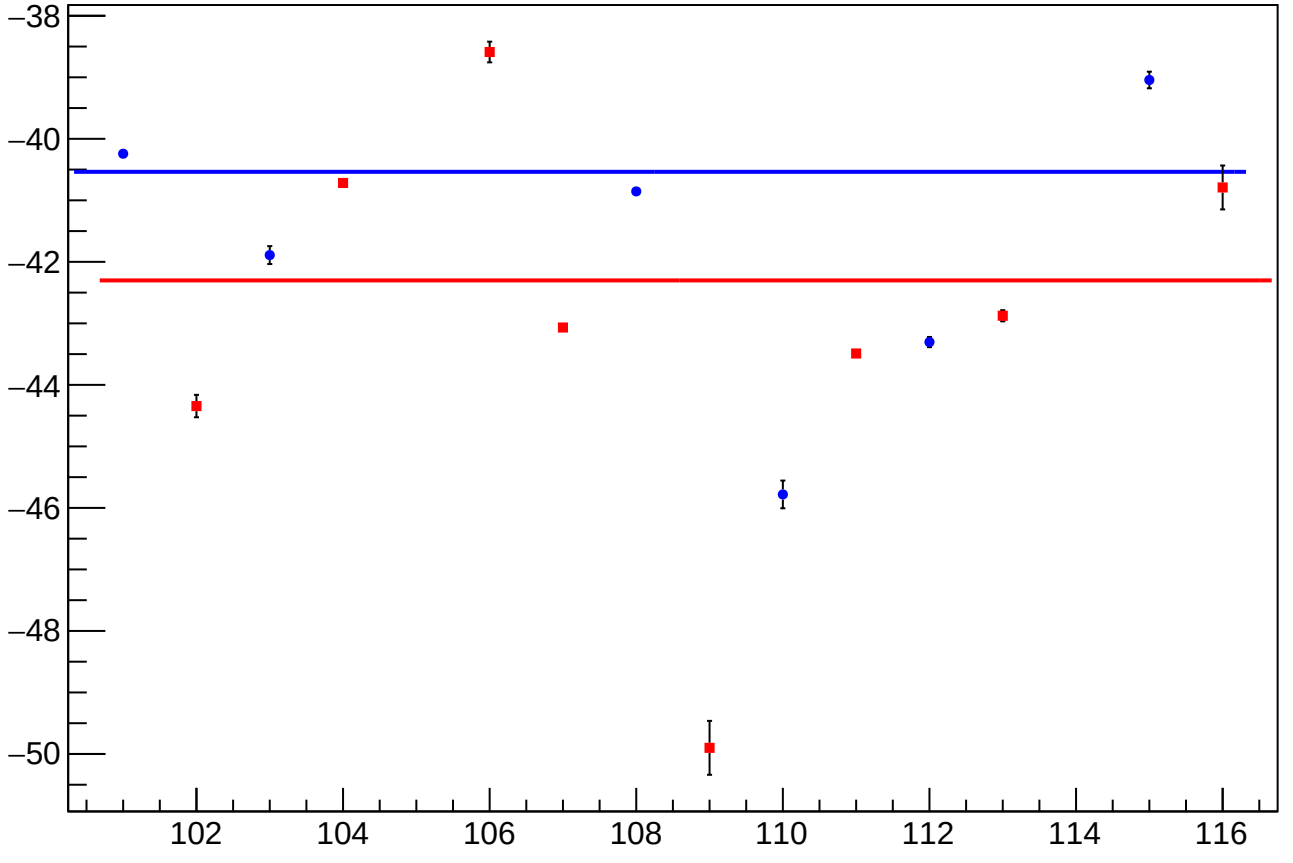
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 194.121+/-0.095 $\chi^2$/NDF: 44563.4/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_11X12X_slope vs Slug




Right In: -40.537+/-0.020 $\chi^2$/NDF: 2064.3/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -42.302+/-0.033 $\chi^2$/NDF: 2088.3/7

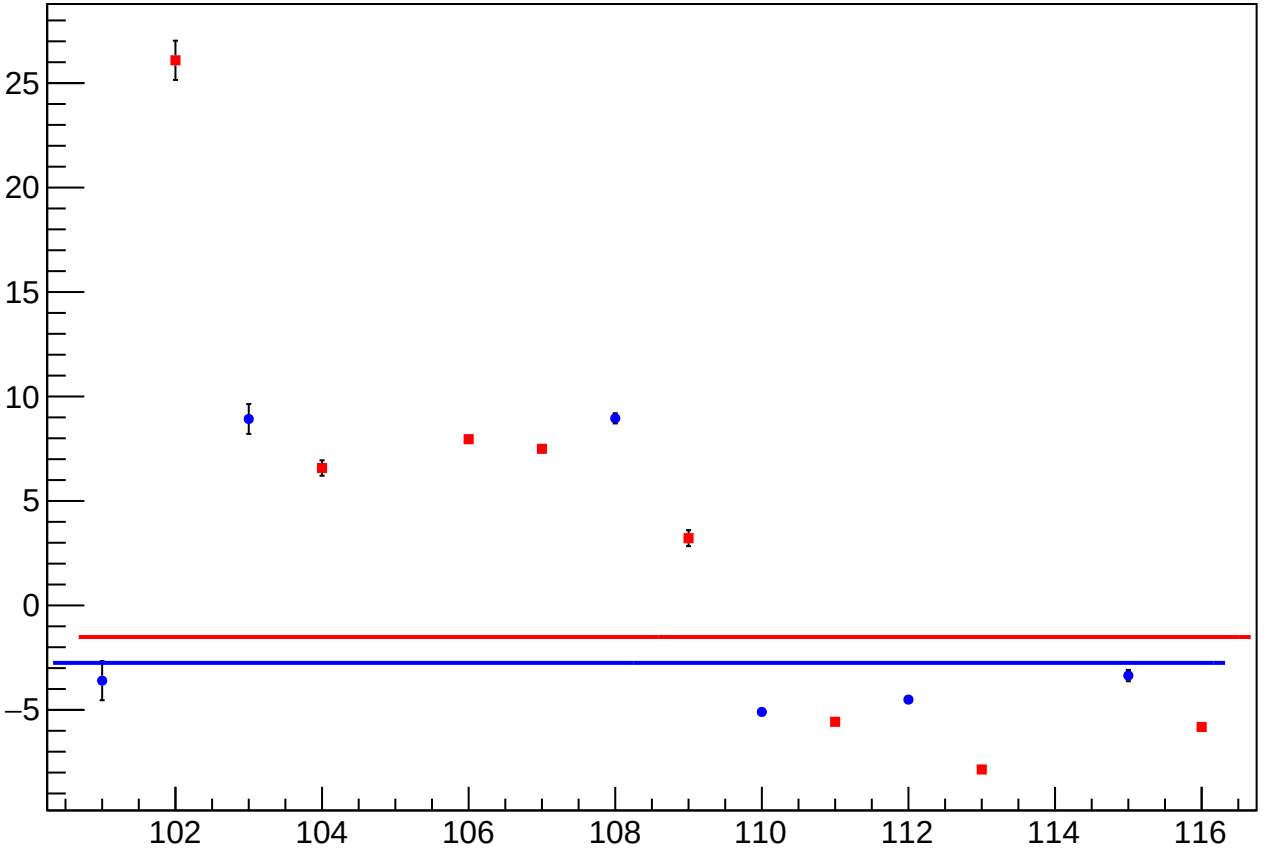
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -41.005+/-0.017 $\chi^2$/NDF: 6212.6/13

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_4aY_slope vs Slug




Right In: -2.749+/-0.083 $\chi^2$/NDF: 2985.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.511+/-0.045 $\chi^2$/NDF: 20451.4/7

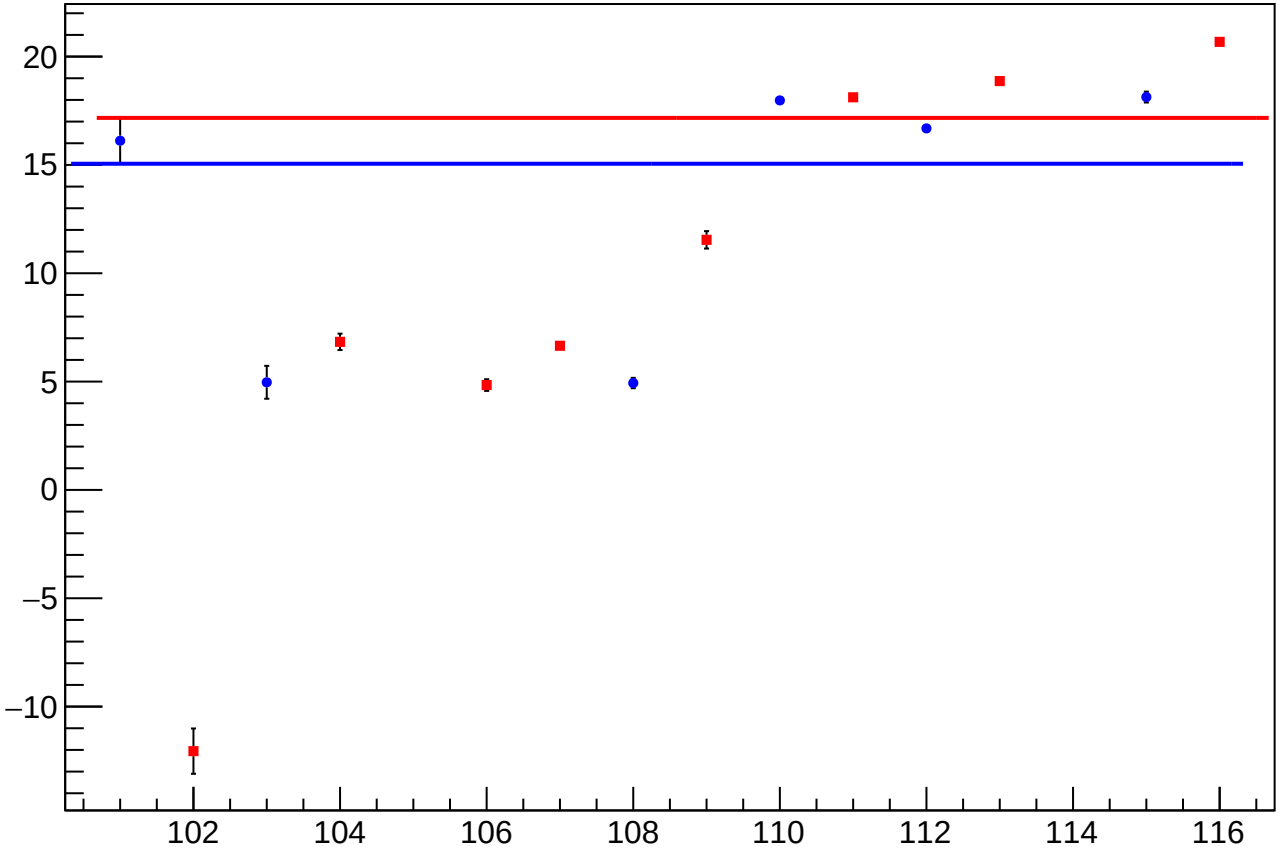
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.790+/-0.039 $\chi^2$/NDF: 23611.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_4eY_slope vs Slug




Right In: 15.054+/-0.097 $\chi^2$/NDF: 2442.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 17.171+/-0.042 $\chi^2$/NDF: 18206.5/7

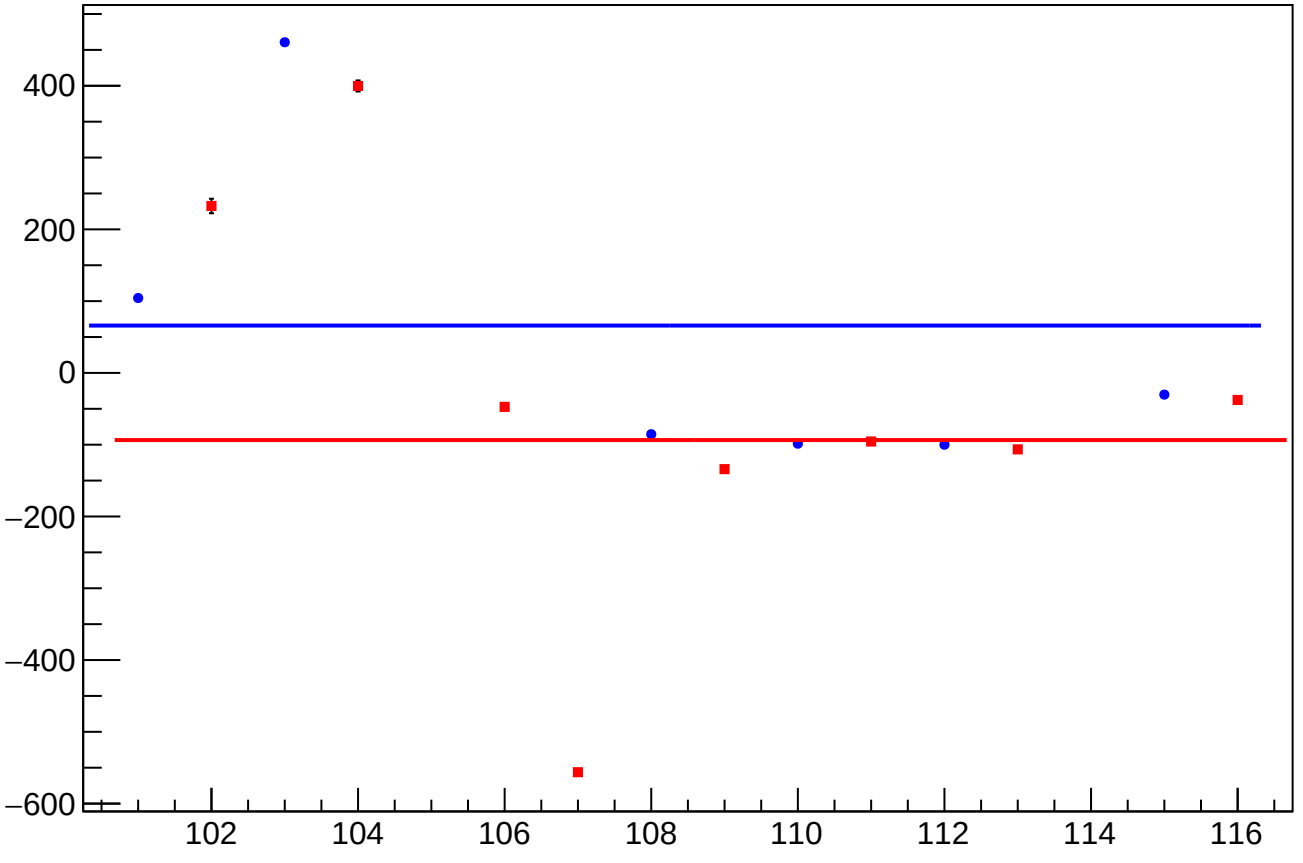
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 16.832+/-0.039 $\chi^2$/NDF: 21046.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_4aX_slope vs Slug




Right In: 65.963+/-0.355 $\chi^2$/NDF: 361702.5/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -93.537+/-0.379 $\chi^2$/NDF: 26073.9/7

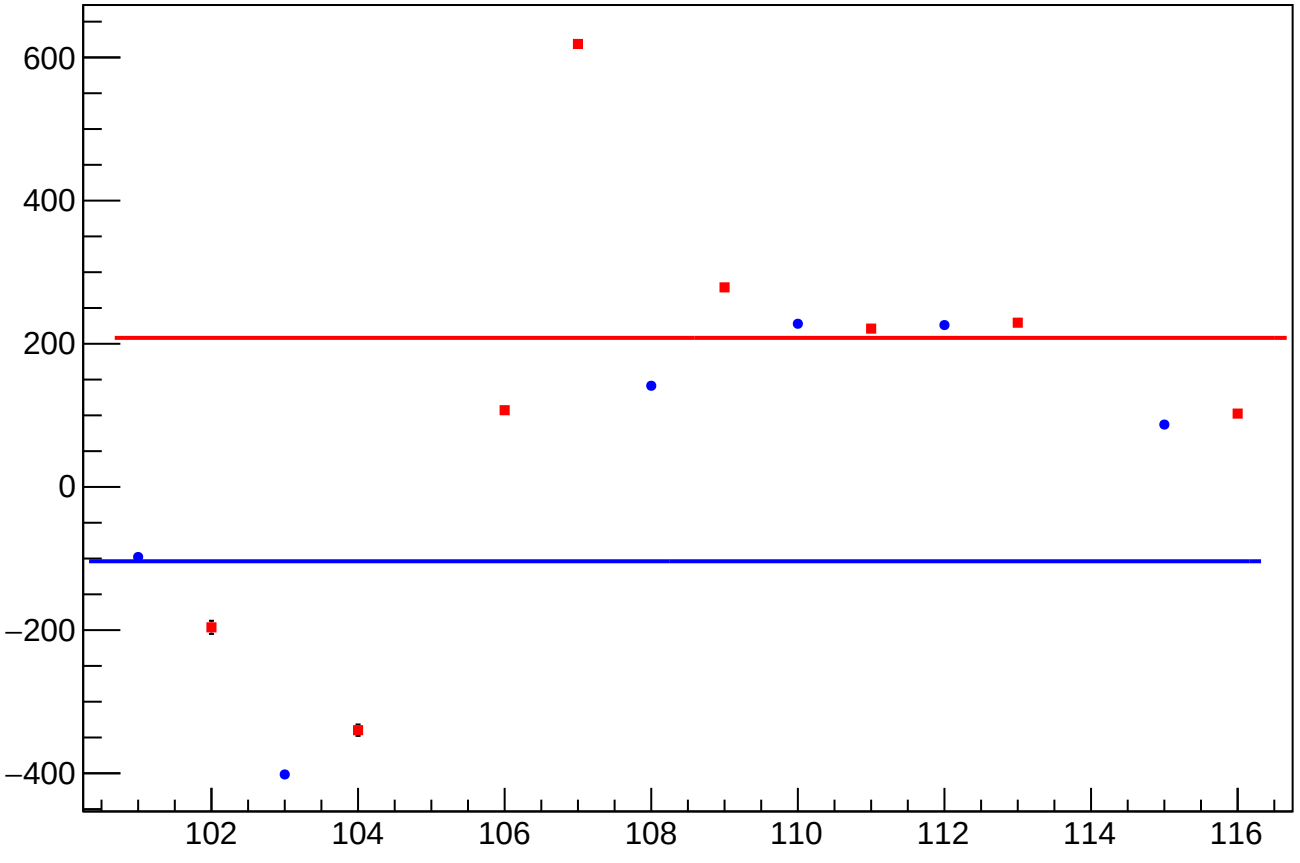
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -8.511+/-0.259 $\chi^2$/NDF: 482236.8/13

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_4eX_slope vs Slug




Right In: -103.819+/-0.249 $\chi^2$/NDF: 709933.5/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 208.246+/-0.510 $\chi^2$/NDF: 32068.2/7

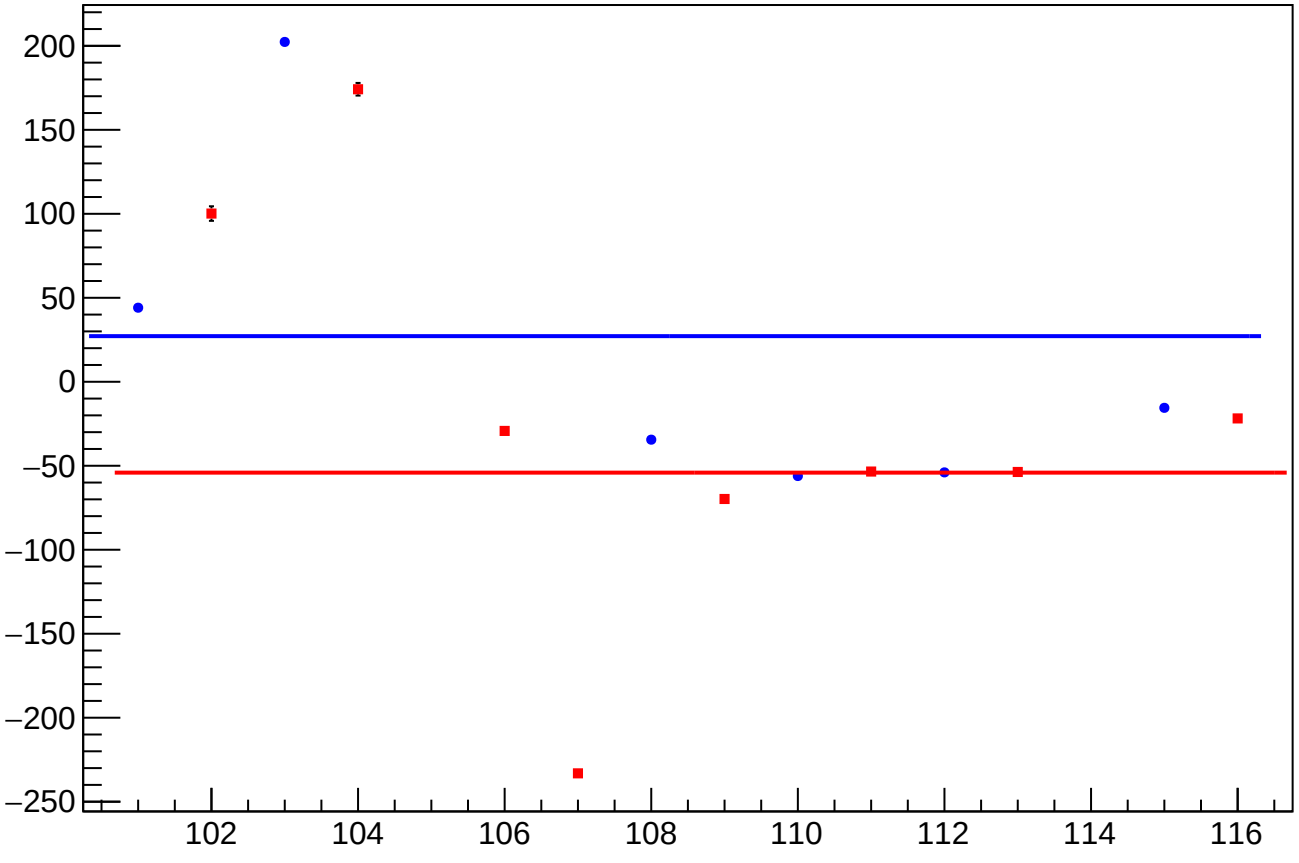
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -43.654+/-0.224 $\chi^2$/NDF: 1043868.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_11X12X_slope vs Slug




Right In: 27.171+/-0.038 $\chi^2$/NDF: 2664217.0/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -54.092+/-0.099 $\chi^2$/NDF: 53567.0/7

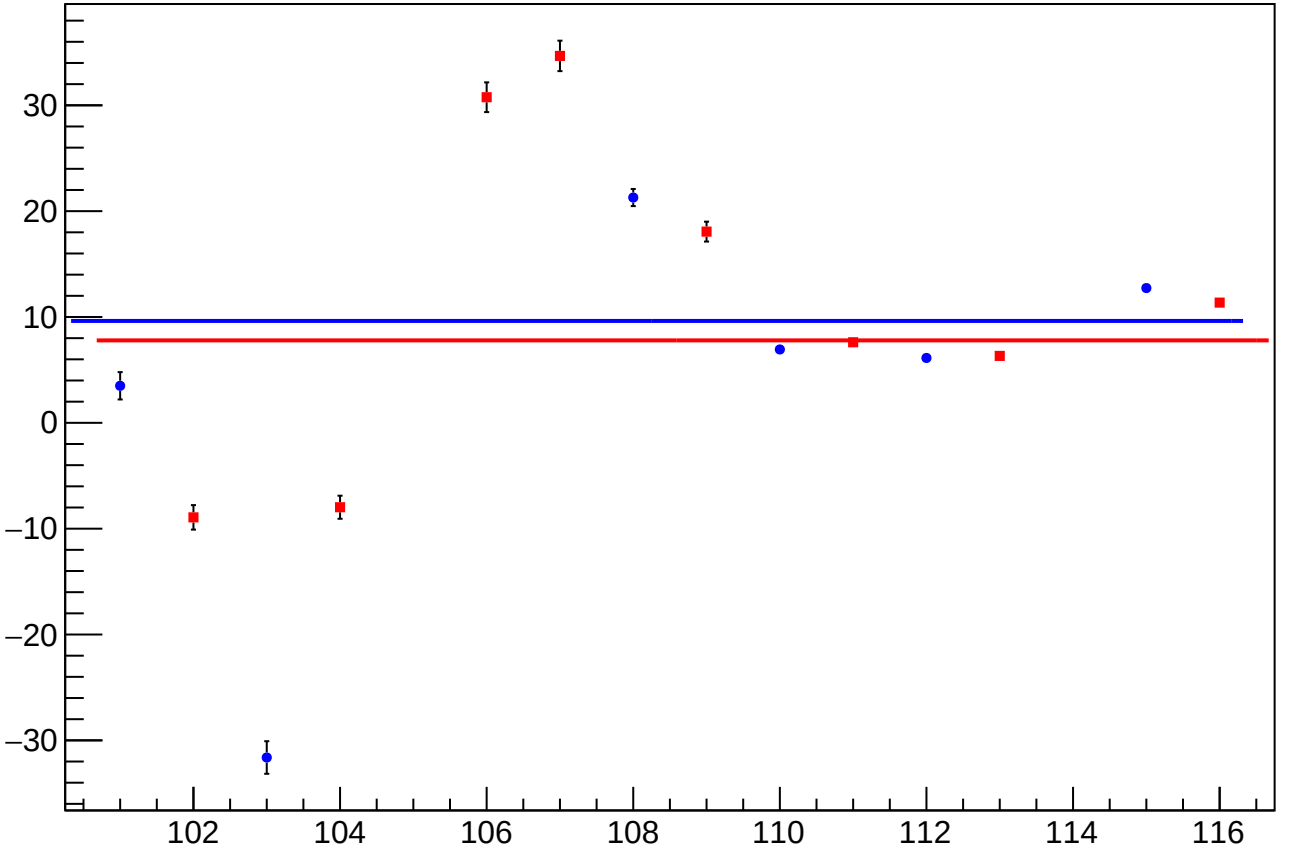
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 16.690+/-0.035 $\chi^2$/NDF: 3308180.3/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_4aY_slope vs Slug




Right In: 9.627+/-0.161 $\chi^2$/NDF: 1273.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 7.789+/-0.087 $\chi^2$/NDF: 1328.3/7

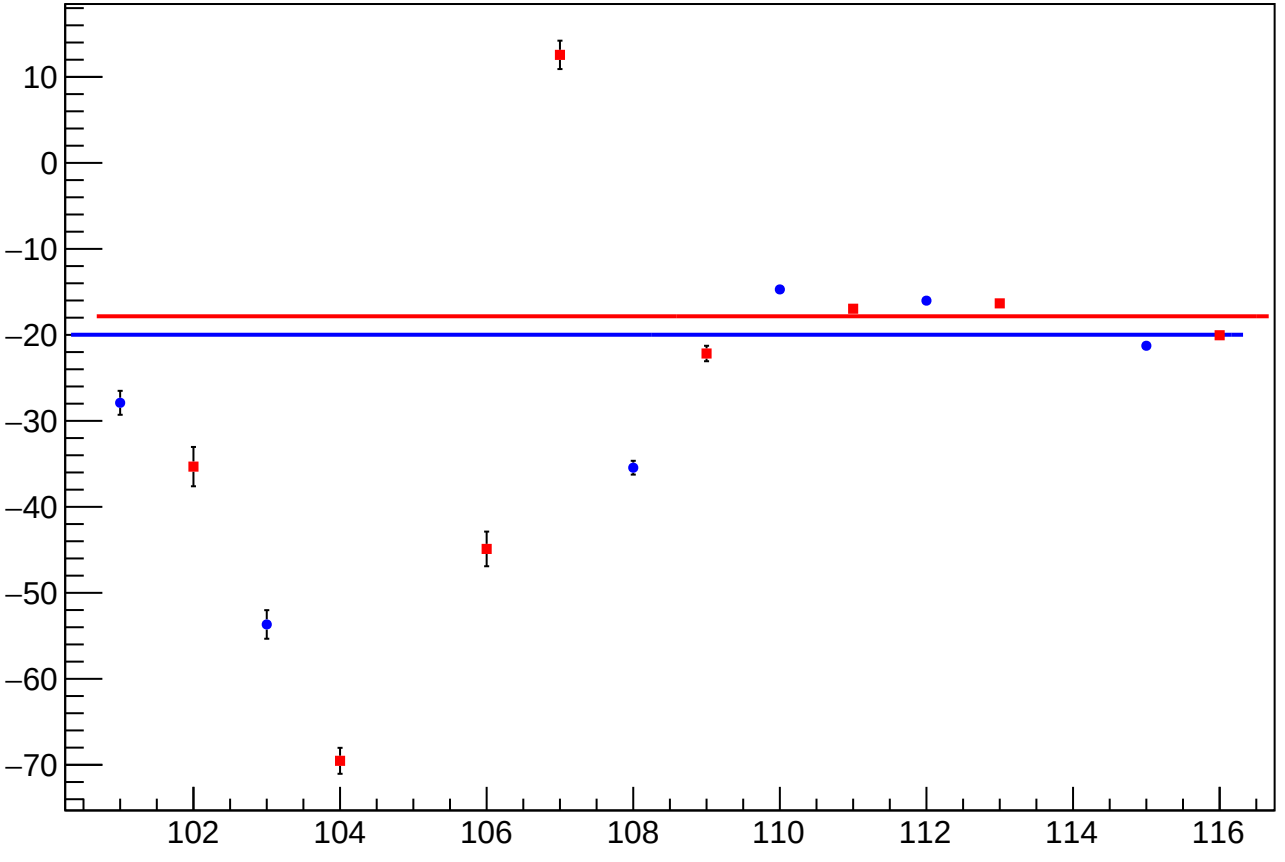
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 8.206+/-0.077 $\chi^2$/NDF: 2702.4/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_4eY_slope vs Slug




Right In: -19.985+/-0.157 $\chi^2$/NDF: 1205.2/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -17.838+/-0.113 $\chi^2$/NDF: 1927.3/7

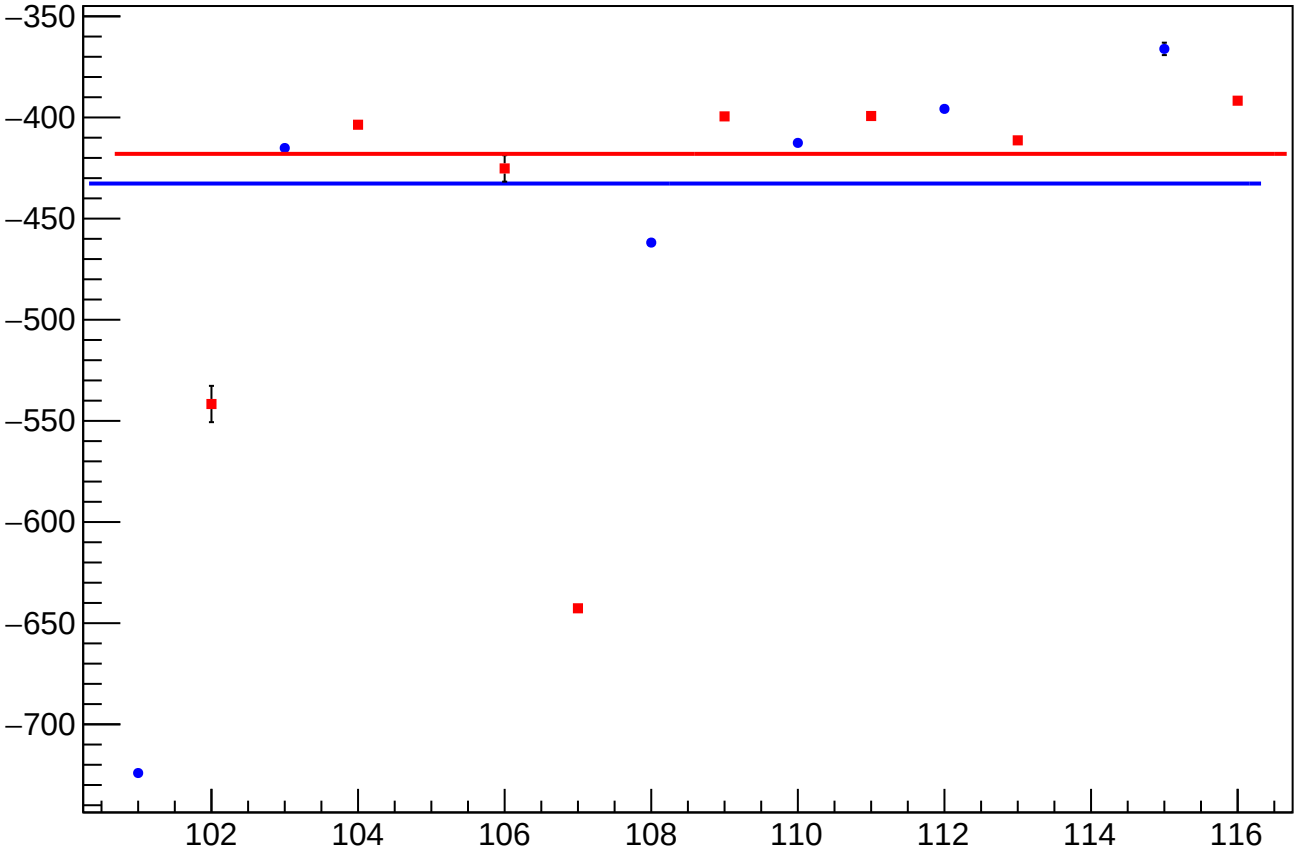
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -18.570+/-0.092 $\chi^2$/NDF: 3255.1/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_4aX_slope vs Slug




Right In: -432.664+/-0.331 $\chi^2$/NDF: 54080.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -417.993+/-0.230 $\chi^2$/NDF: 48888.3/7

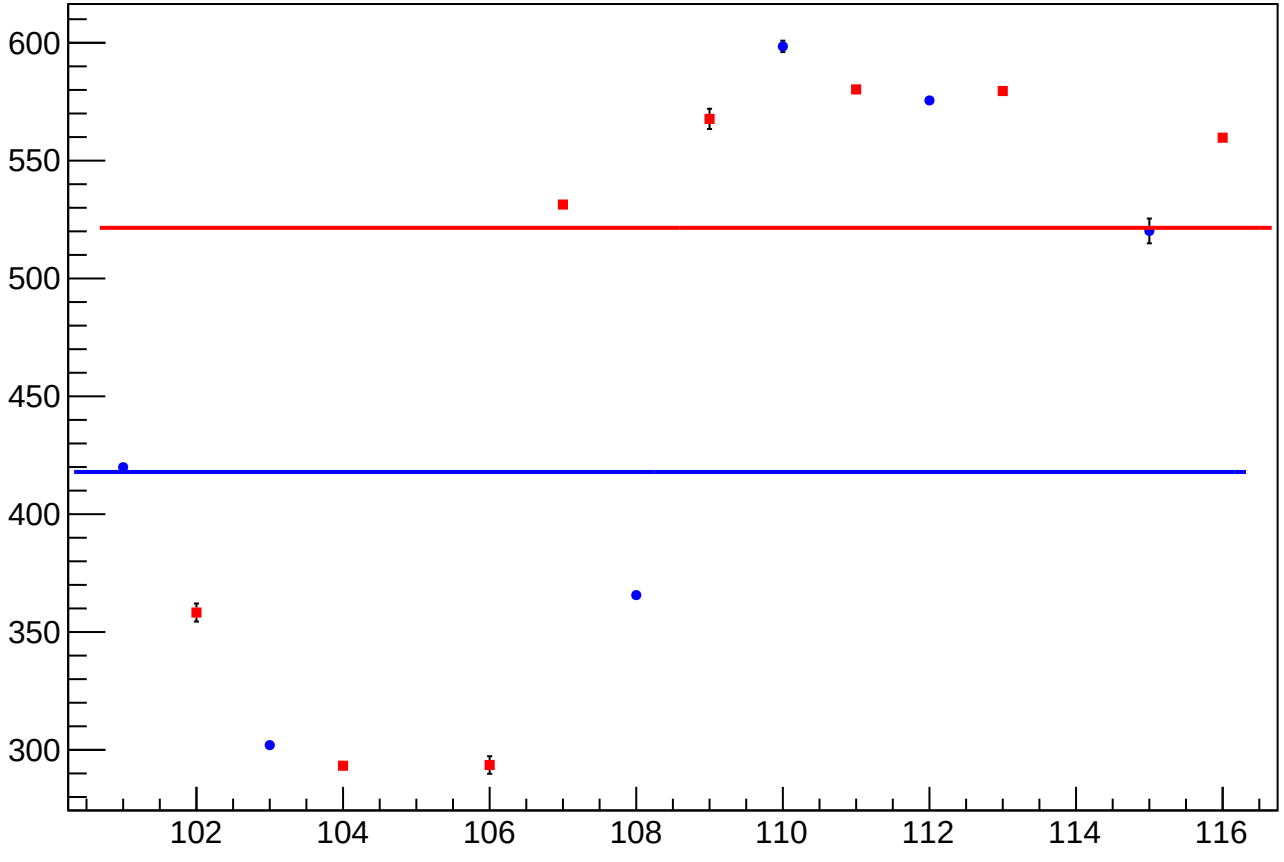
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -422.774+/-0.189 $\chi^2$/NDF: 104296.3/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_4eX_slope vs Slug




Right In: 417.914+/-0.321 $\chi^2$/NDF: 99956.4/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 521.496+/-0.286 $\chi^2$/NDF: 144851.7/7

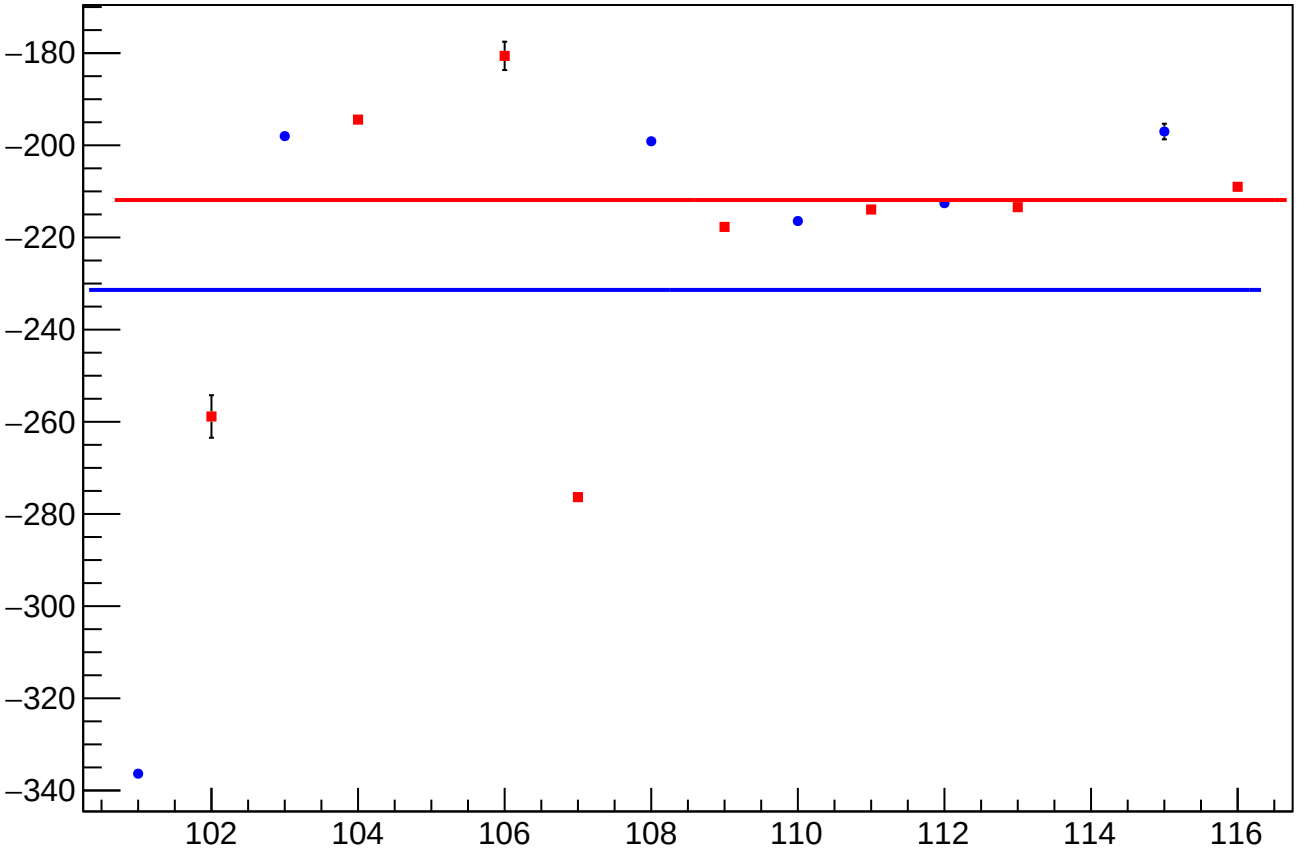
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 475.638+/-0.214 $\chi^2$/NDF: 302855.0/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_11X12X_slope vs Slug




Right In: -231.380+/-0.102 $\chi^2$/NDF: 230492.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -211.872+/-0.066 $\chi^2$/NDF: 82367.9/7

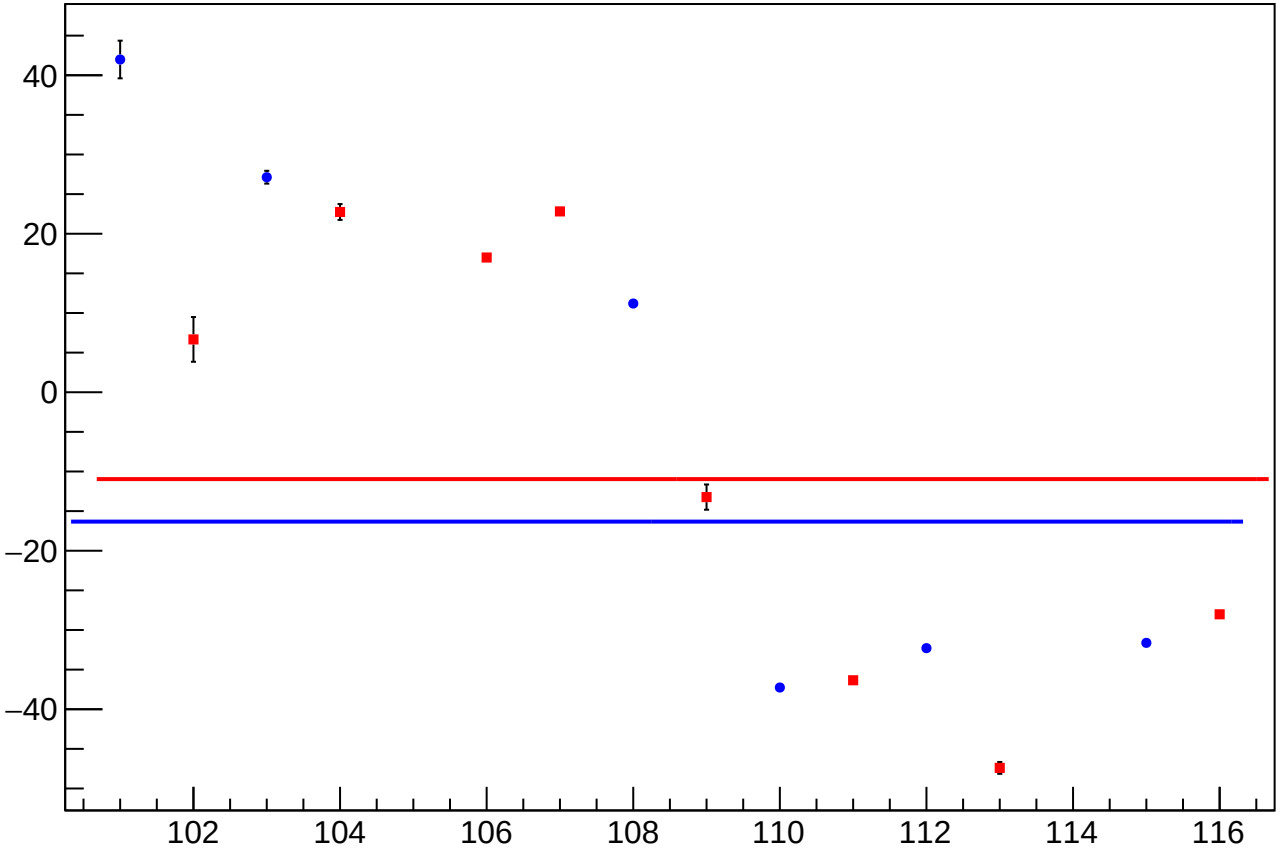
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -217.556+/-0.055 $\chi^2$/NDF: 338595.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_4aY_slope vs Slug




Right In: -16.324+/-0.166 $\chi^2$/NDF: 19256.3/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -10.960+/-0.250 $\chi^2$/NDF: 12250.5/7

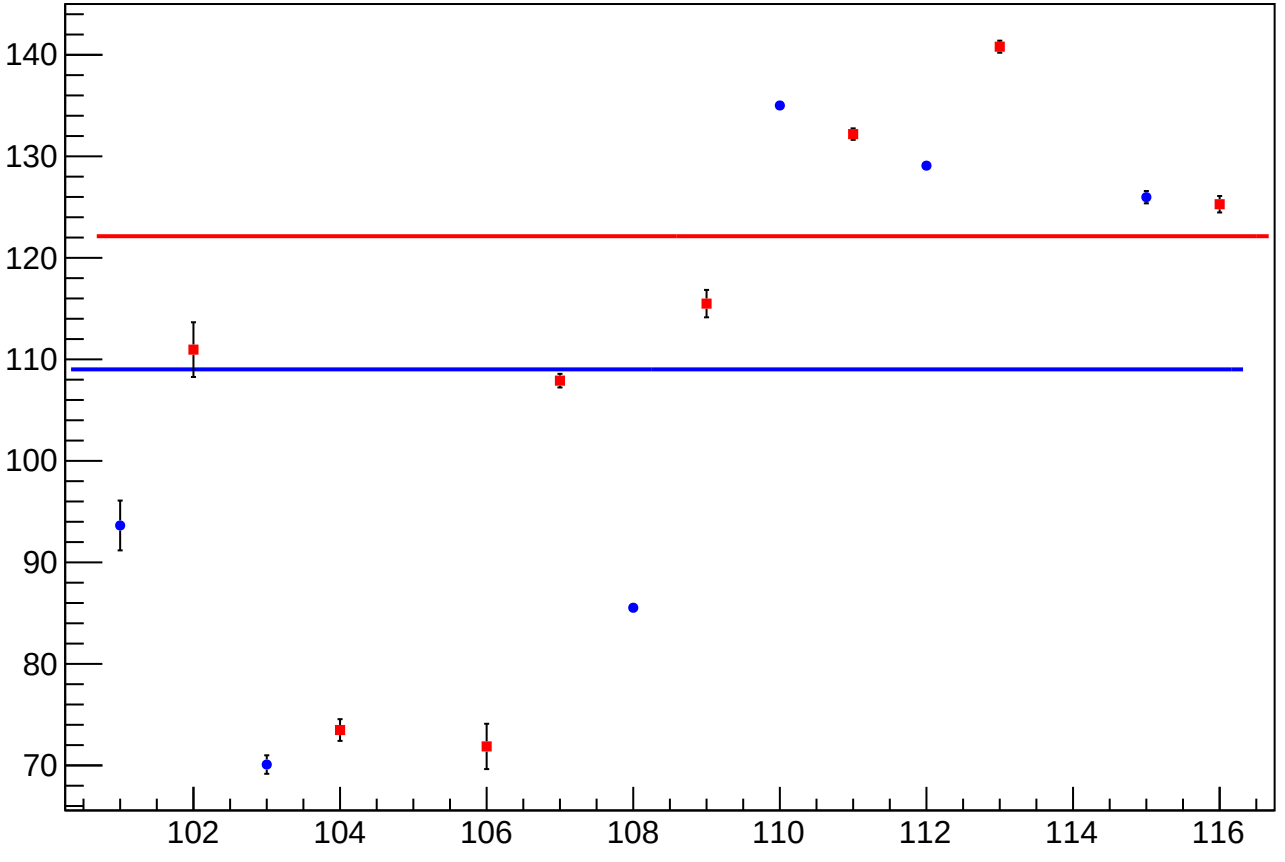
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -14.677+/-0.138 $\chi^2$/NDF: 31826.8/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_4eY_slope vs Slug




Right In: 109.013+/-0.156 $\chi^2$/NDF: 22227.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 122.132+/-0.295 $\chi^2$/NDF: 4386.8/7

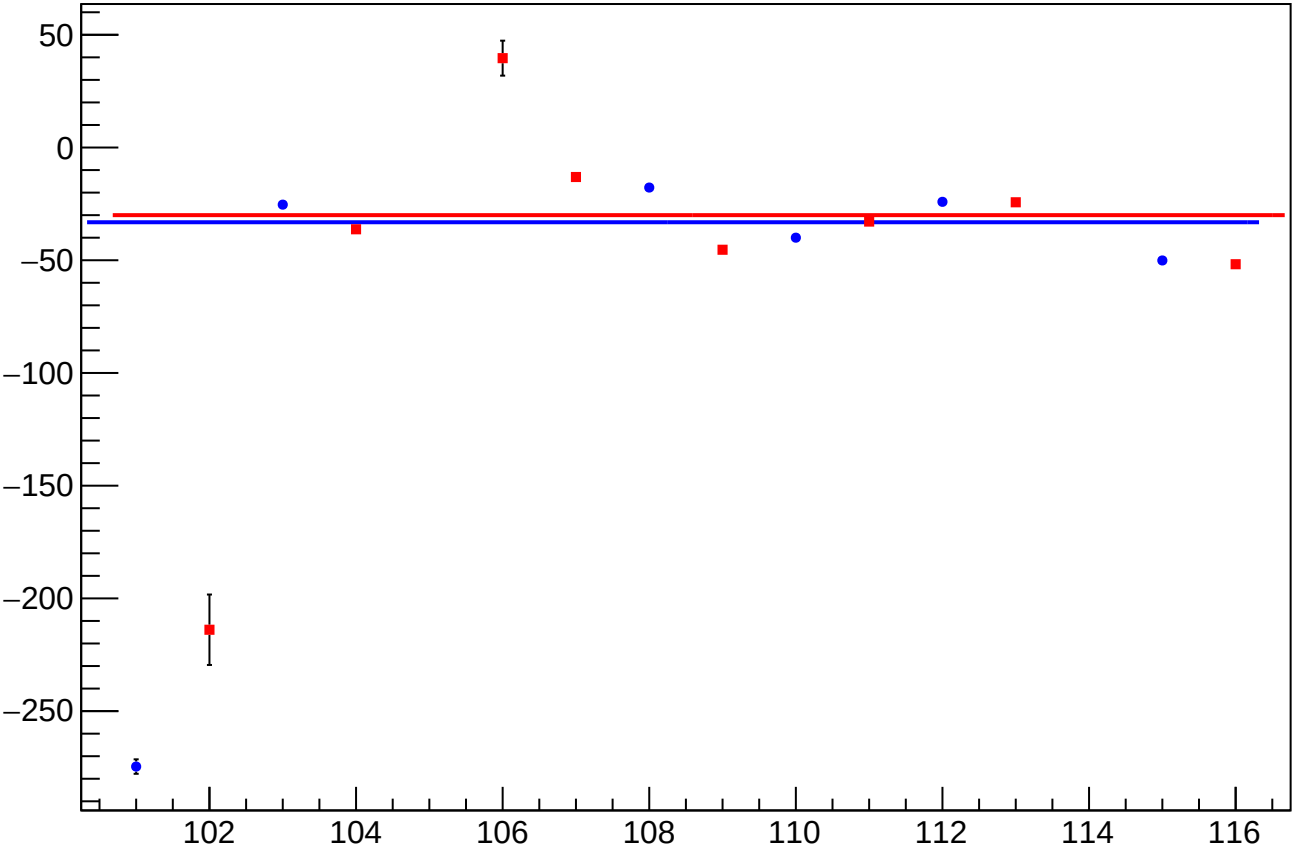
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 111.864+/-0.138 $\chi^2$/NDF: 28158.8/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_4aX_slope vs Slug




Right In: -33.145+/-0.354 $\chi^2$/NDF: 6399.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -29.995+/-0.259 $\chi^2$/NDF: 1370.7/7

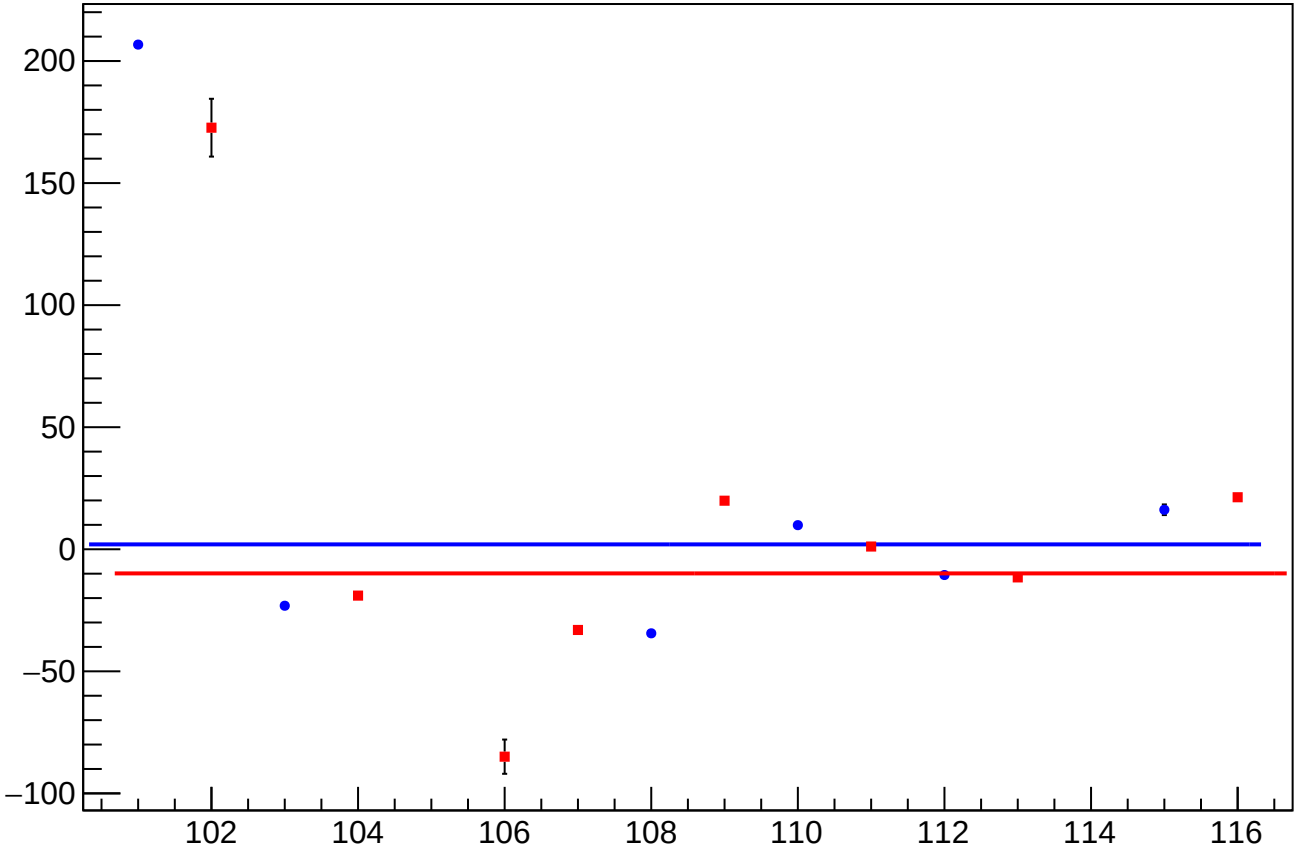
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -31.097+/-0.209 $\chi^2$/NDF: 7821.8/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_4eX_slope vs Slug




Right In: 1.999+/-0.402 $\chi^2$/NDF: 18615.5/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -9.890+/-0.308 $\chi^2$/NDF: 2139.9/7

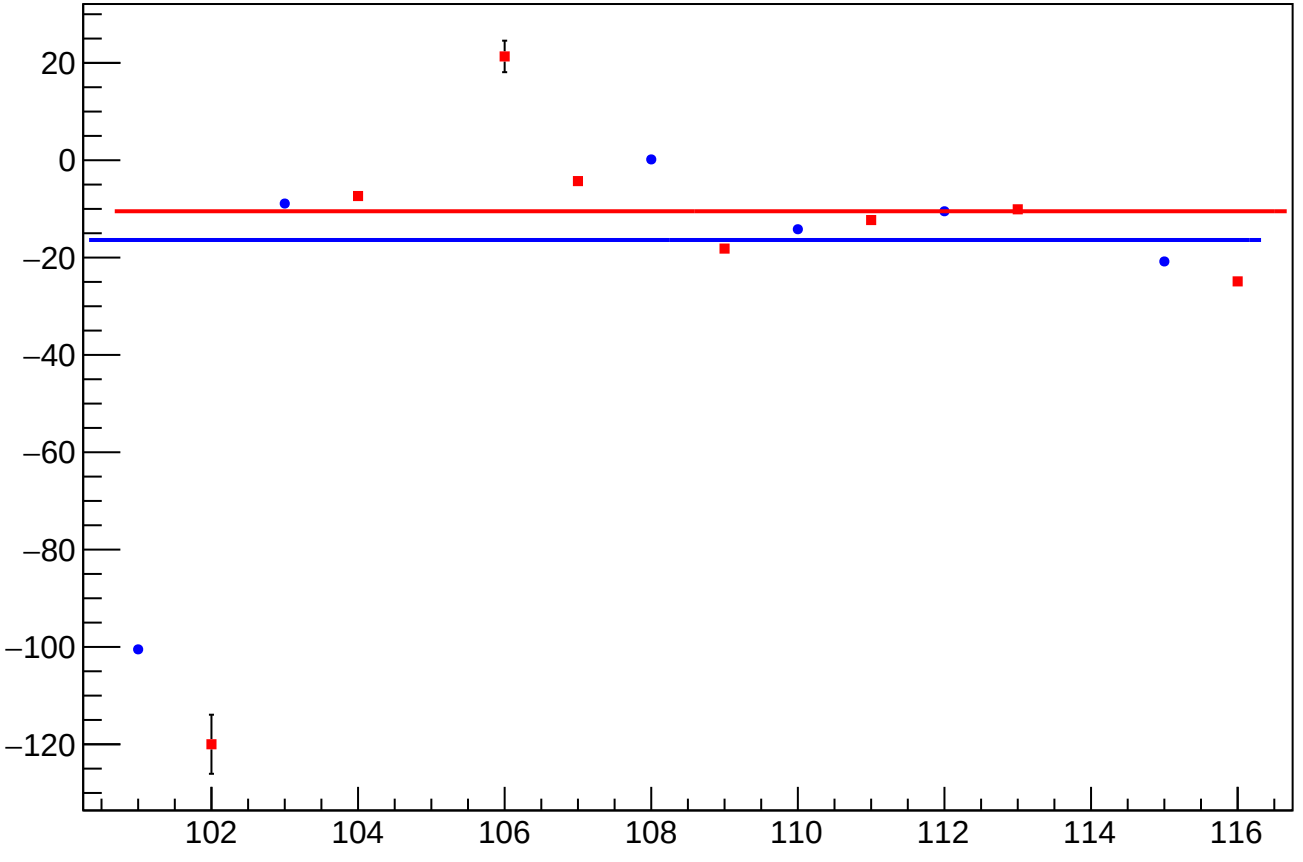
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -5.482+/-0.245 $\chi^2$/NDF: 21306.5/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_11X12X_slope vs Slug




Right In: -16.386+/-0.087 $\chi^2$/NDF: 79749.3/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -10.482+/-0.056 $\chi^2$/NDF: 3180.8/7

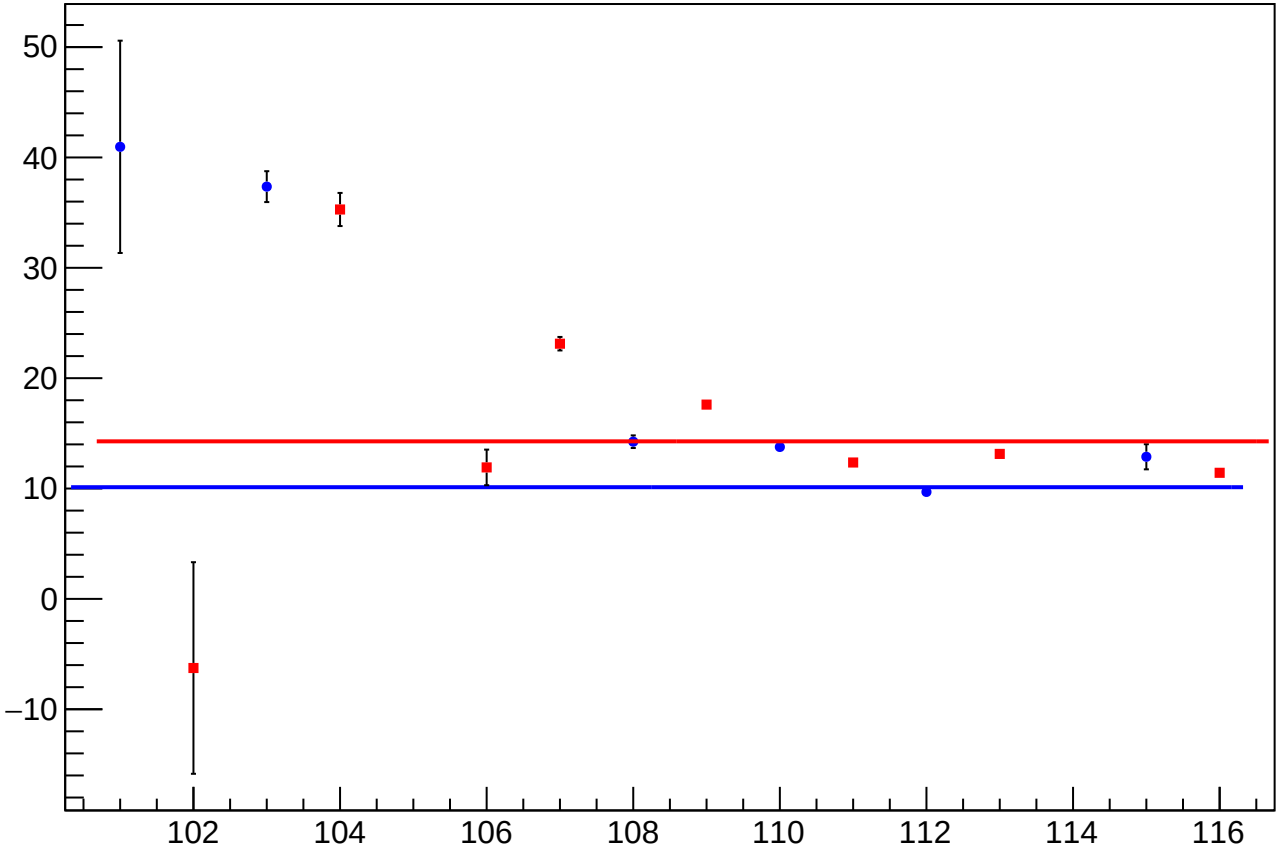
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -12.193+/-0.047 $\chi^2$/NDF: 86188.4/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_4aY_slope vs Slug




Right In: 10.120+/-0.080 $\chi^2$/NDF: 594.0/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 14.275+/-0.111 $\chi^2$/NDF: 810.7/7

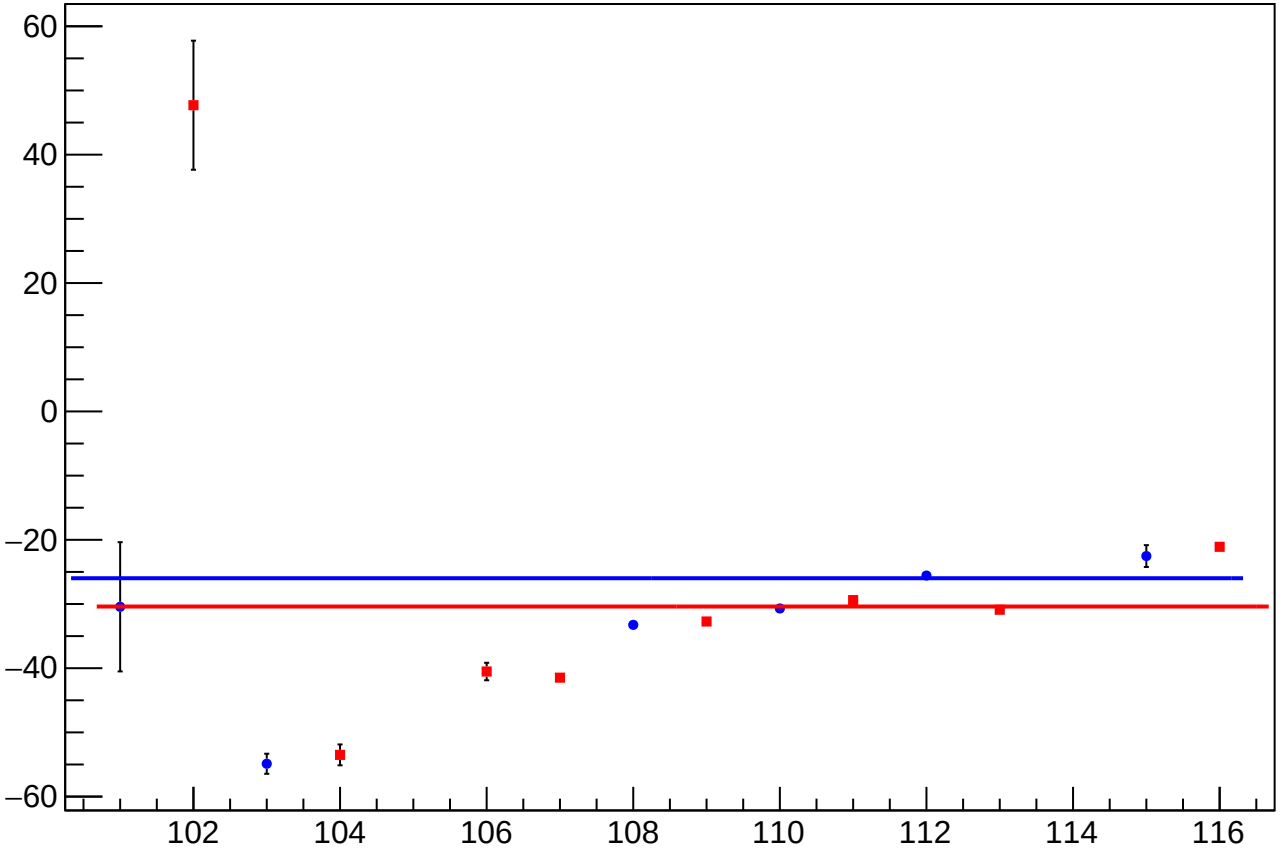
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 11.530+/-0.065 $\chi^2$/NDF: 2331.0/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_4eY_slope vs Slug




Right In: -25.984+/-0.083 $\chi^2$/NDF: 632.5/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -30.391+/-0.104 $\chi^2$/NDF: 1223.1/7

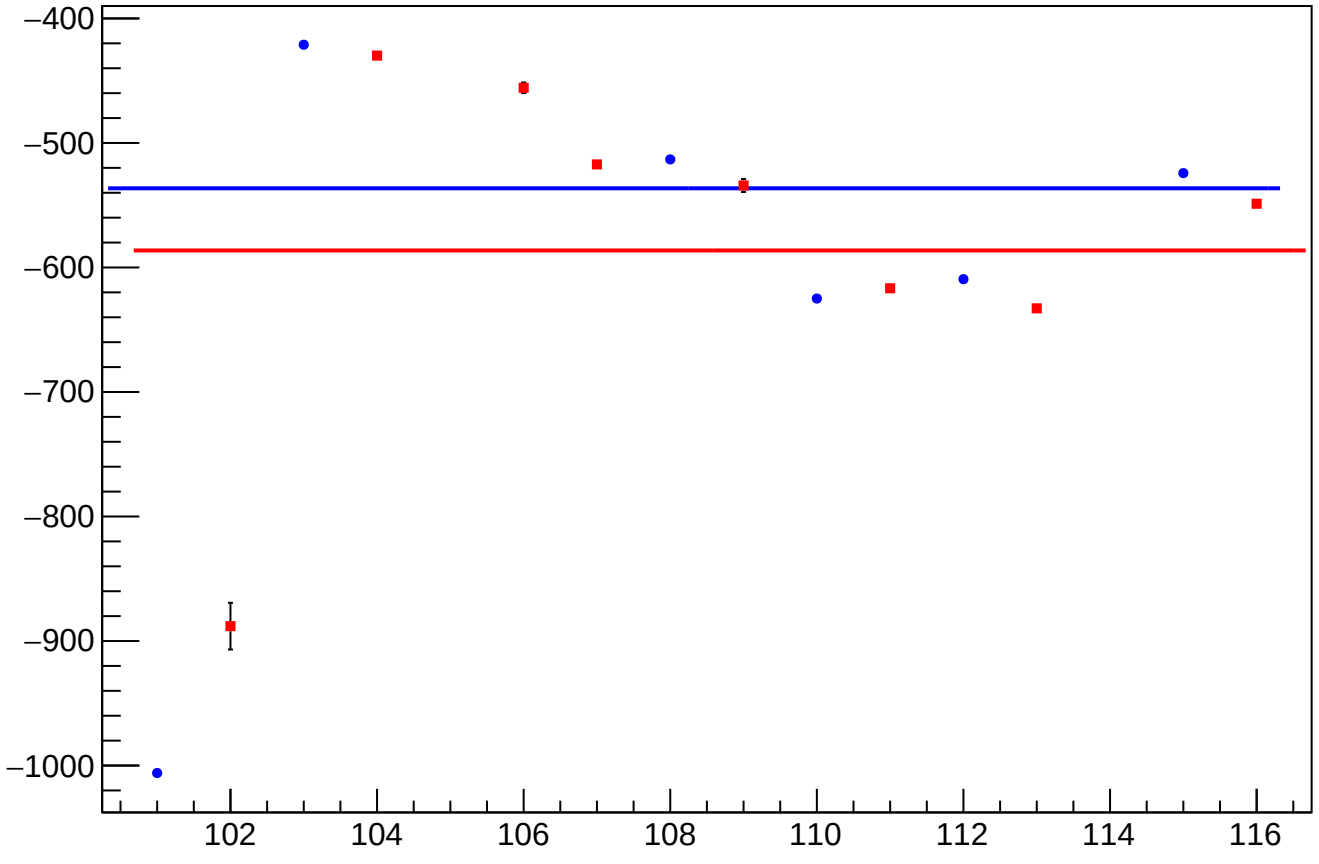
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -27.707+/-0.065 $\chi^2$/NDF: 2952.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_4aX_slope vs Slug




Right In: -536.416+/-0.298 $\chi^2$/NDF: 64492.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -586.331+/-0.323 $\chi^2$/NDF: 40837.9/7

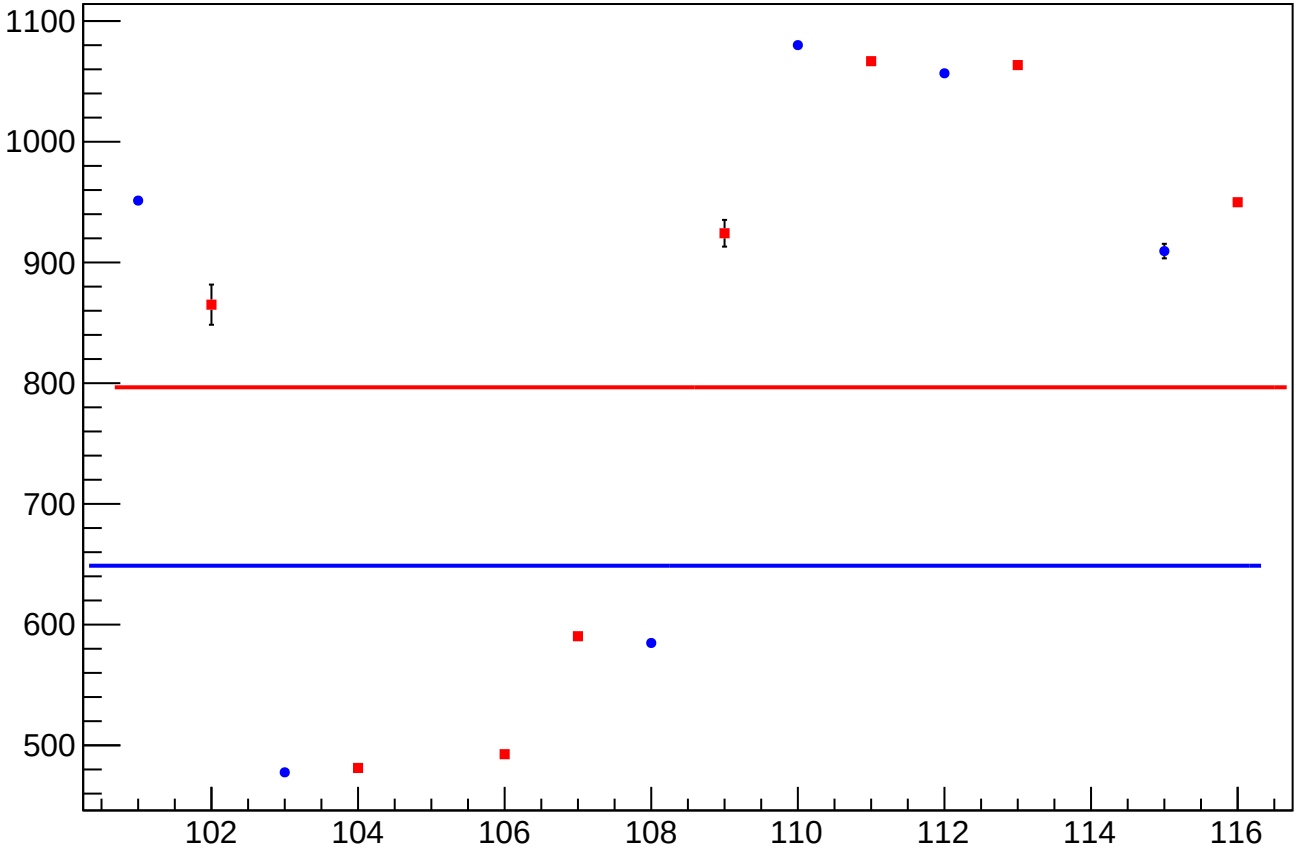
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -559.396+/-0.219 $\chi^2$/NDF: 118211.9/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_4eX_slope vs Slug




Right In: 648.784+/-0.296 $\chi^2$/NDF: 319440.0/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 796.594+/-0.337 $\chi^2$/NDF: 630306.1/7

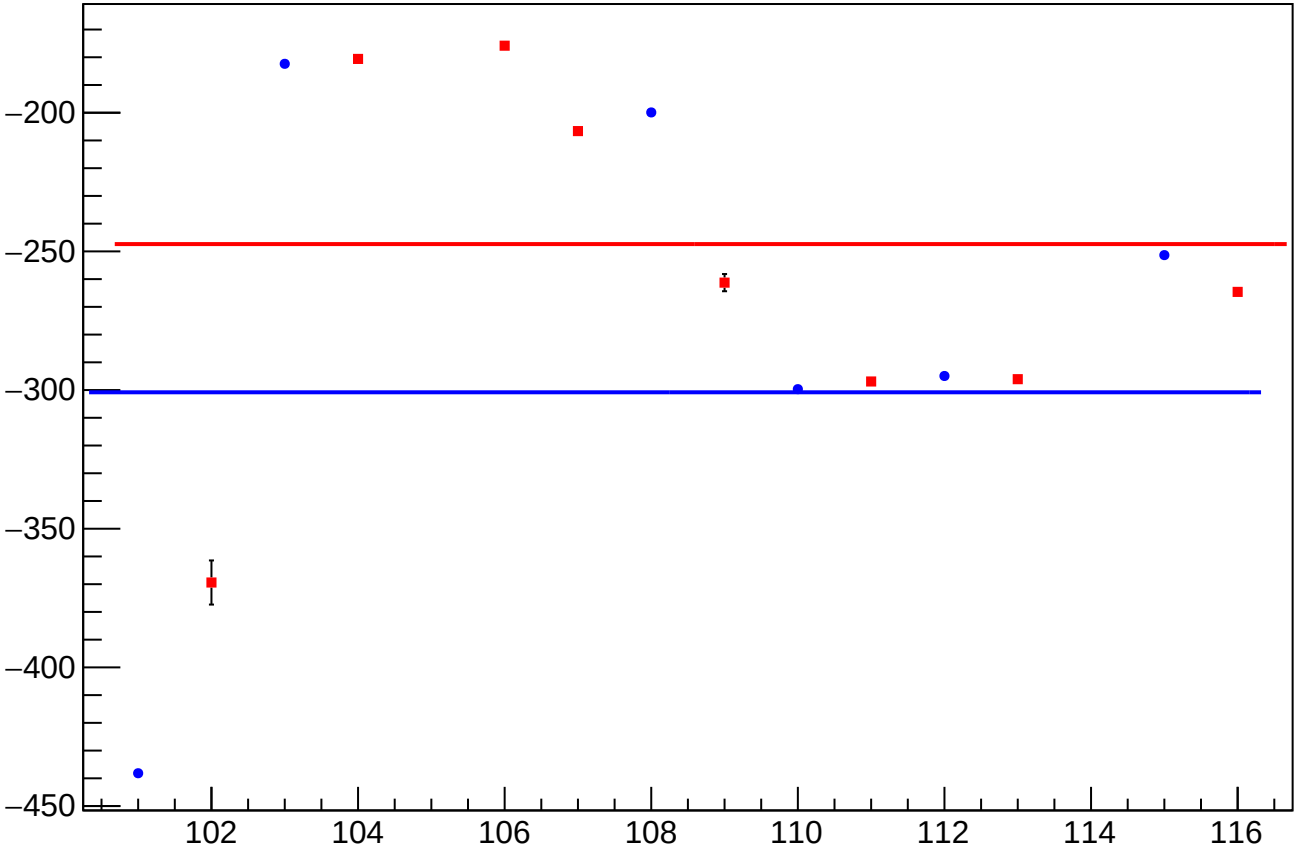
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 713.162+/-0.222 $\chi^2$/NDF: 1058475.5/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_11X12X_slope vs Slug




Right In: -300.808+/-0.110 $\chi^2$/NDF: 789465.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -247.365+/-0.103 $\chi^2$/NDF: 259523.3/7

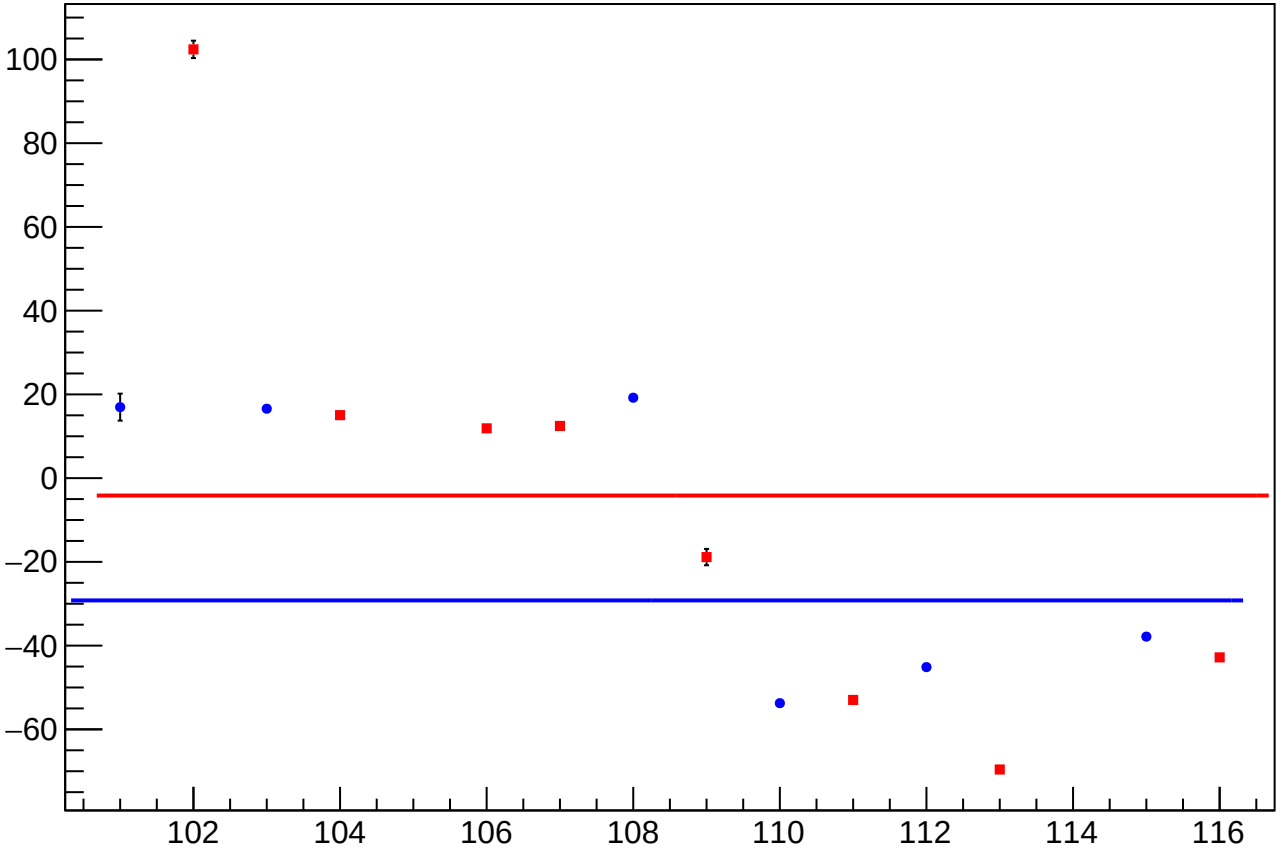
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -272.214+/-0.075 $\chi^2$/NDF: 1175327.3/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_4aY_slope vs Slug




Right In: -29.203+/-0.209 $\chi^2$/NDF: 14312.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -4.155+/-0.236 $\chi^2$/NDF: 17659.6/7

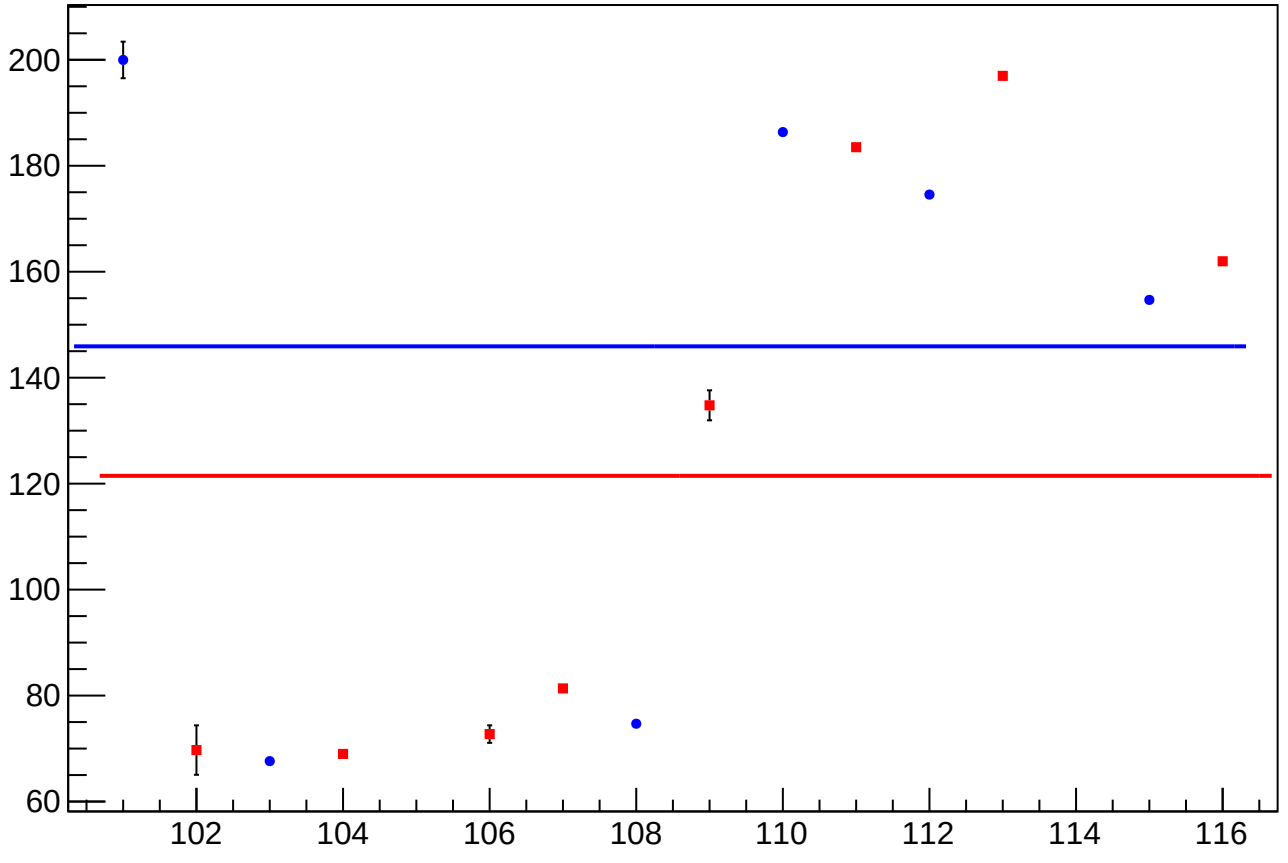
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -18.200+/-0.157 $\chi^2$/NDF: 38272.4/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_4eY_slope vs Slug




Right In: 145.916+/-0.229 $\chi^2$/NDF: 34434.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 121.477+/-0.282 $\chi^2$/NDF: 32350.5/7

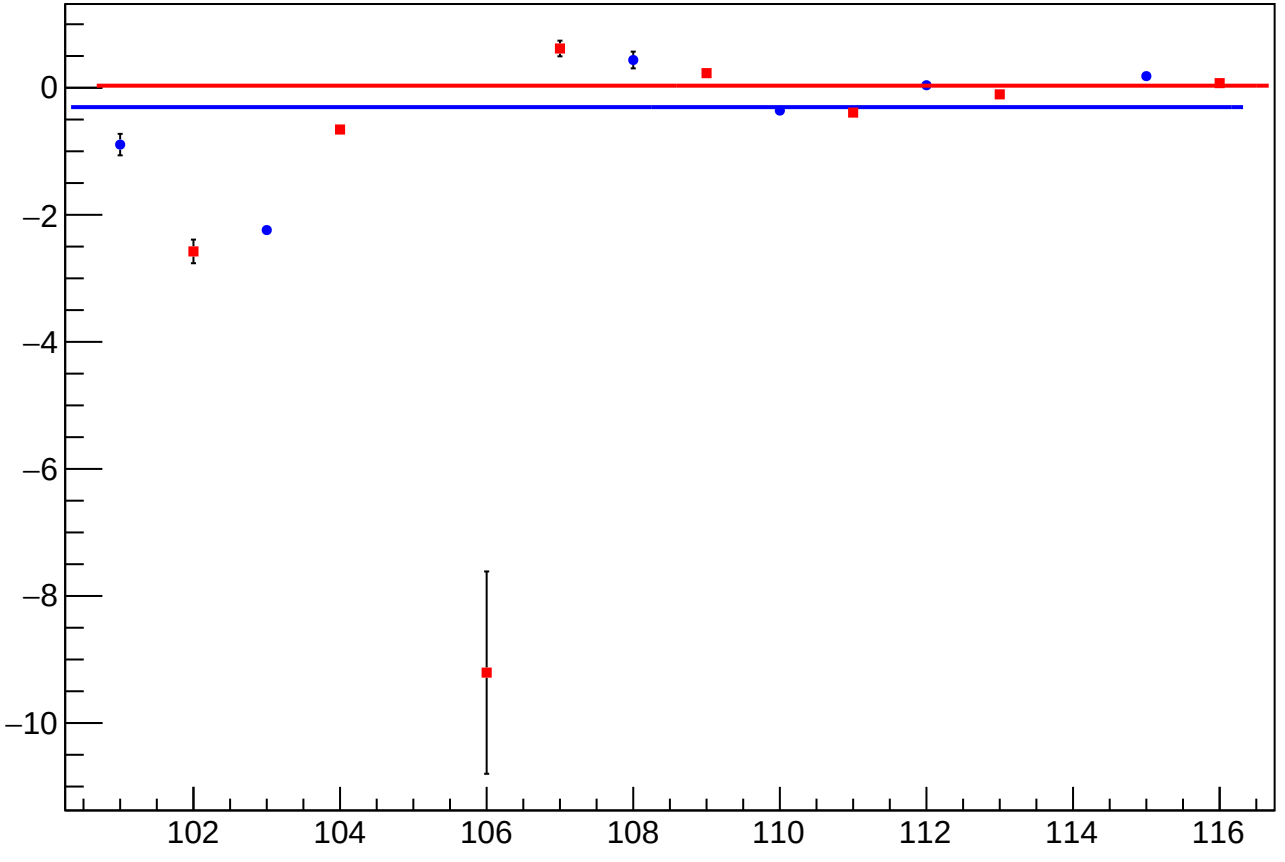
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 136.187+/-0.178 $\chi^2$/NDF: 71300.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_4aX_slope vs Slug




Right In: -0.305+/-0.021 $\chi^2$/NDF: 1158.7/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.033+/-0.008 $\chi^2$/NDF: 497.3/7

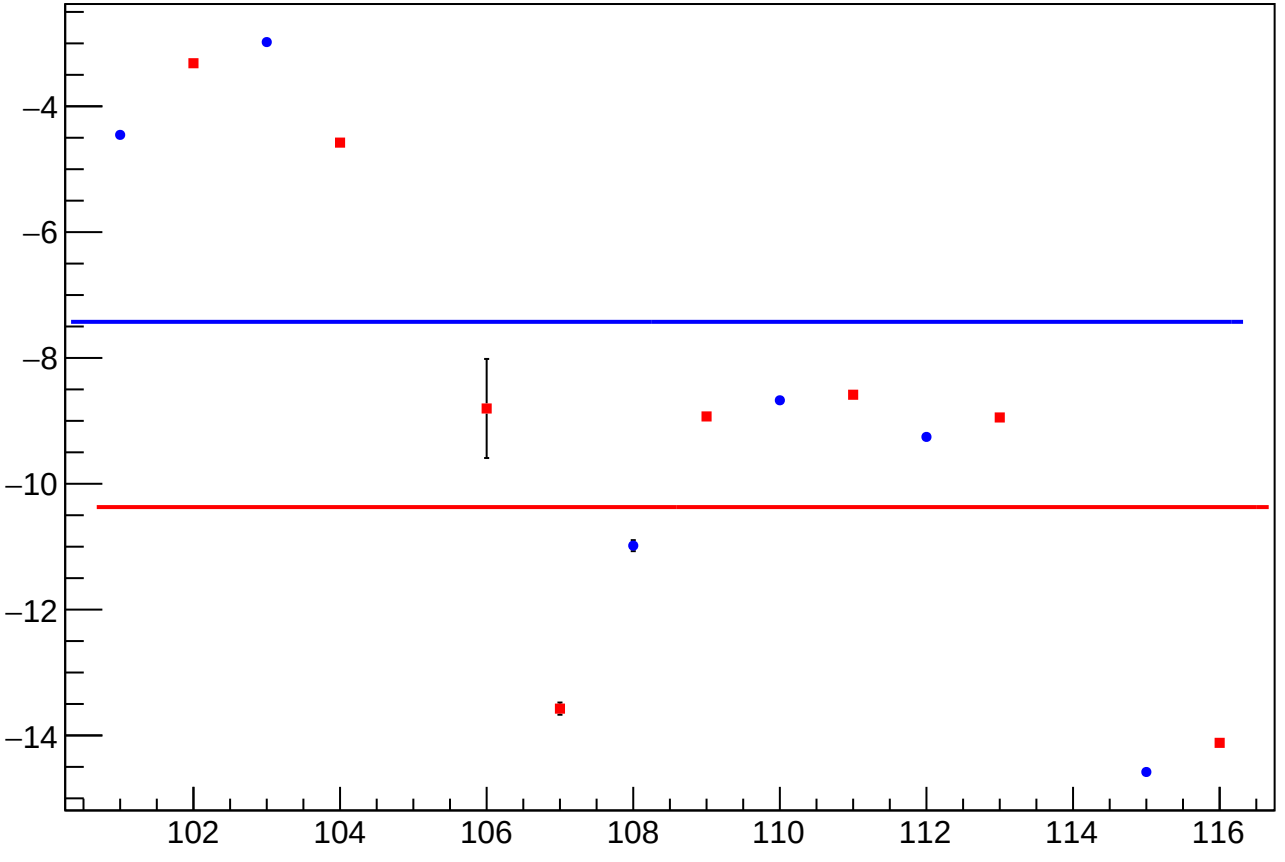
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.013+/-0.008 $\chi^2$/NDF: 1887.4/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_4eX_slope vs Slug




Right In: -7.426+/-0.014 $\chi^2$/NDF: 109402.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -10.370+/-0.015 $\chi^2$/NDF: 78743.0/7

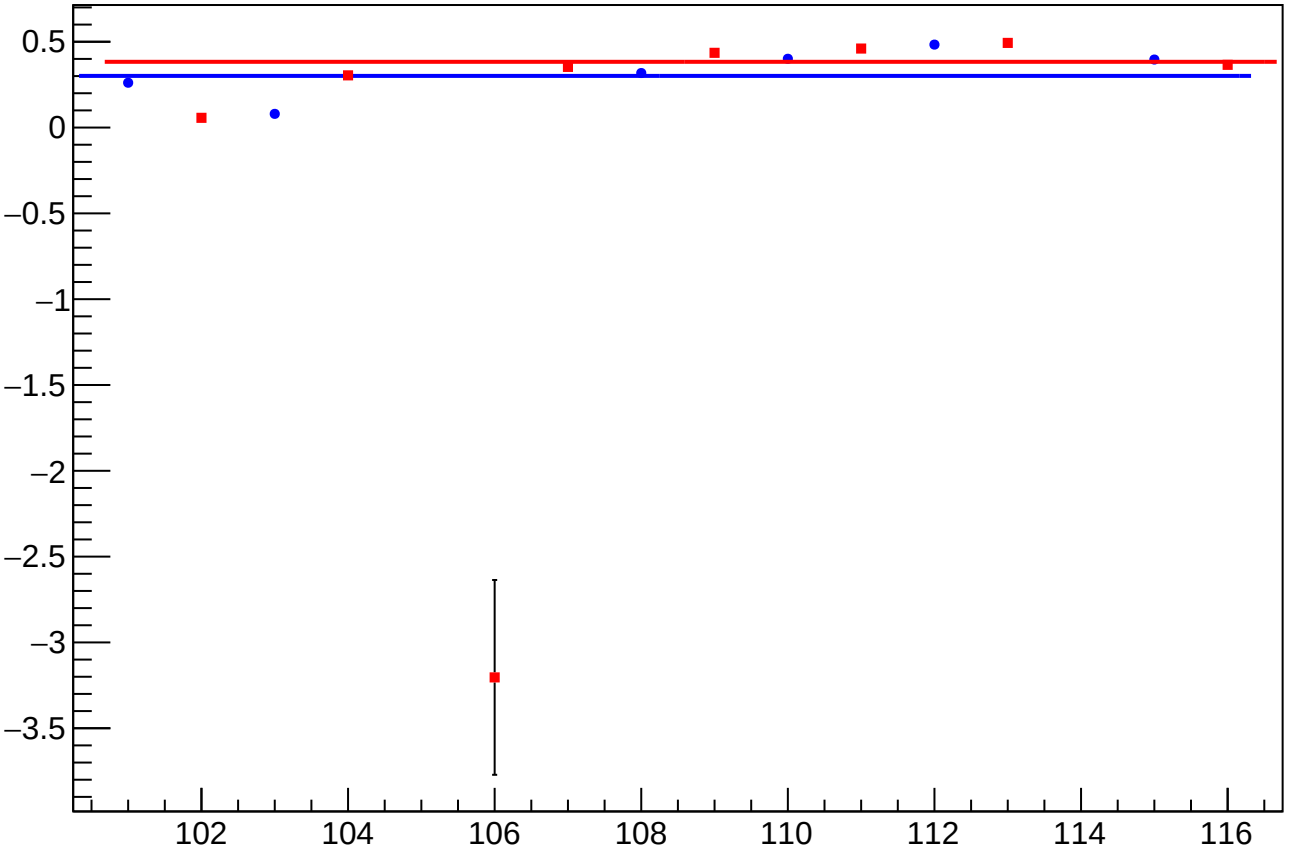
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -8.876+/-0.010 $\chi^2$/NDF: 208484.3/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_11X12X_slope vs Slug




Right In: 0.301+/-0.005 $\chi^2$/NDF: 1045.5/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.383+/-0.002 $\chi^2$/NDF: 744.2/7

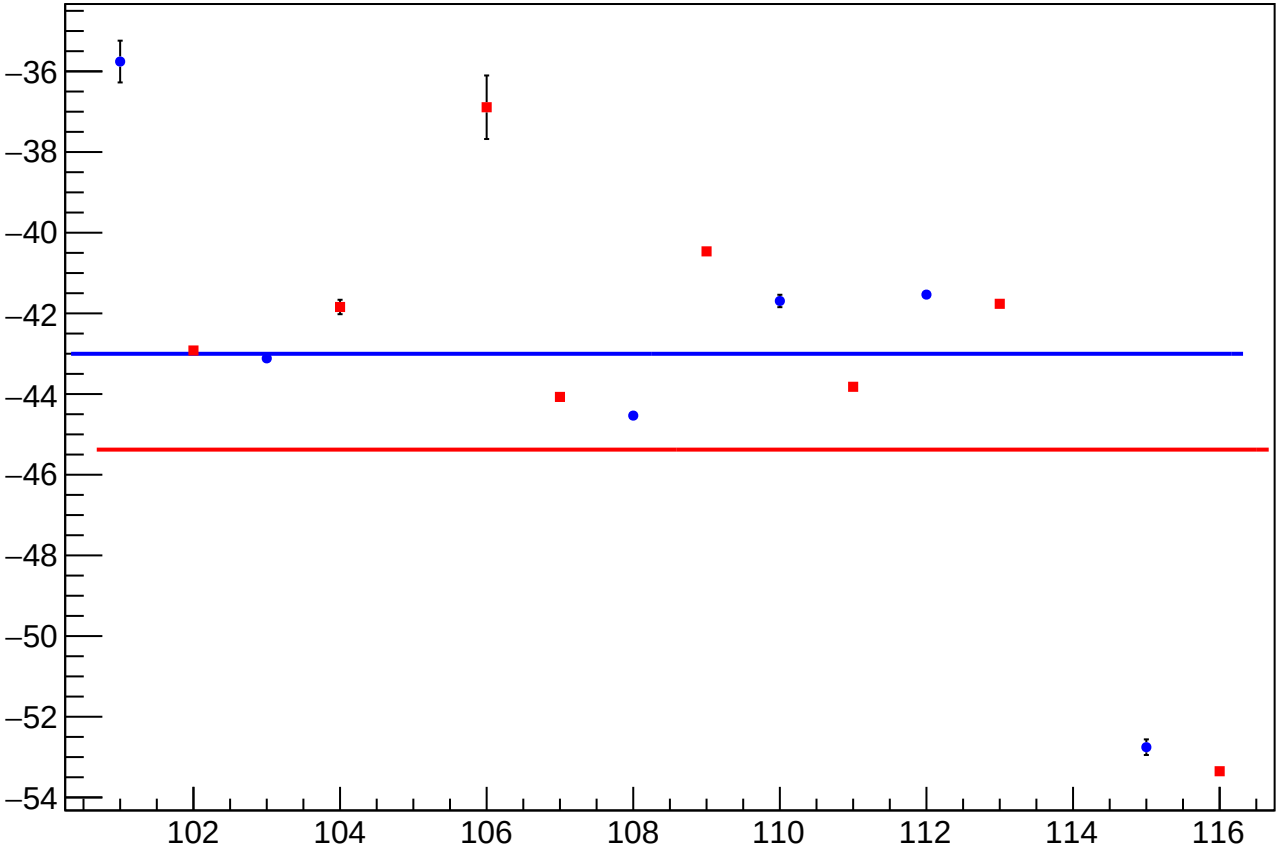
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.368+/-0.002 $\chi^2$/NDF: 2017.9/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_4aY_slope vs Slug




Right In: -43.002+/-0.047 $\chi^2$/NDF: 3434.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -45.378+/-0.034 $\chi^2$/NDF: 23019.9/7

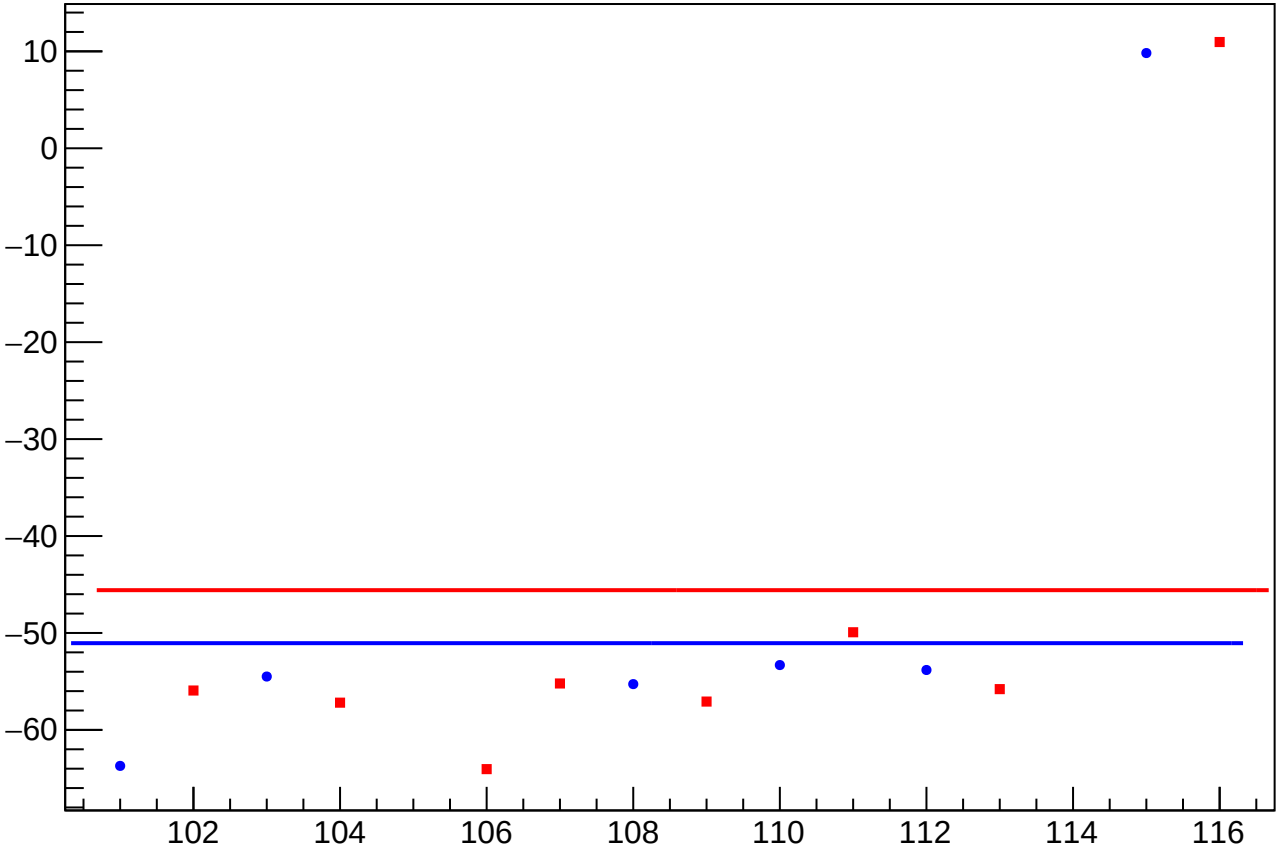
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -44.583+/-0.027 $\chi^2$/NDF: 28129.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_4eY_slope vs Slug




Right In: -51.053+/-0.061 $\chi^2$/NDF: 59491.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -45.585+/-0.054 $\chi^2$/NDF: 197655.9/7

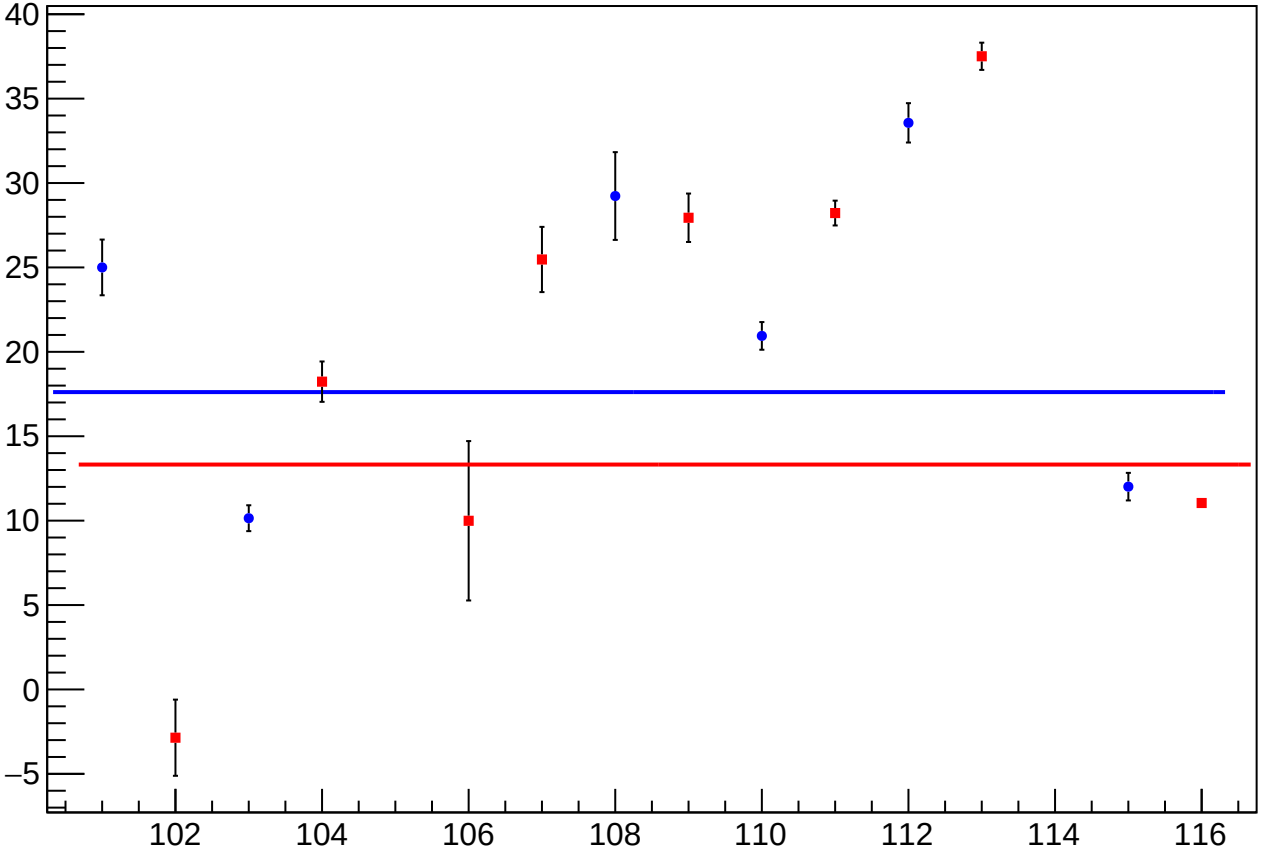
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -48.003+/-0.040 $\chi^2$/NDF: 261651.6/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_4aX_slope vs Slug




Right In: 17.615+/-0.410 $\chi^2$/NDF: 385.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 13.323+/-0.162 $\chi^2$/NDF: 1694.4/7

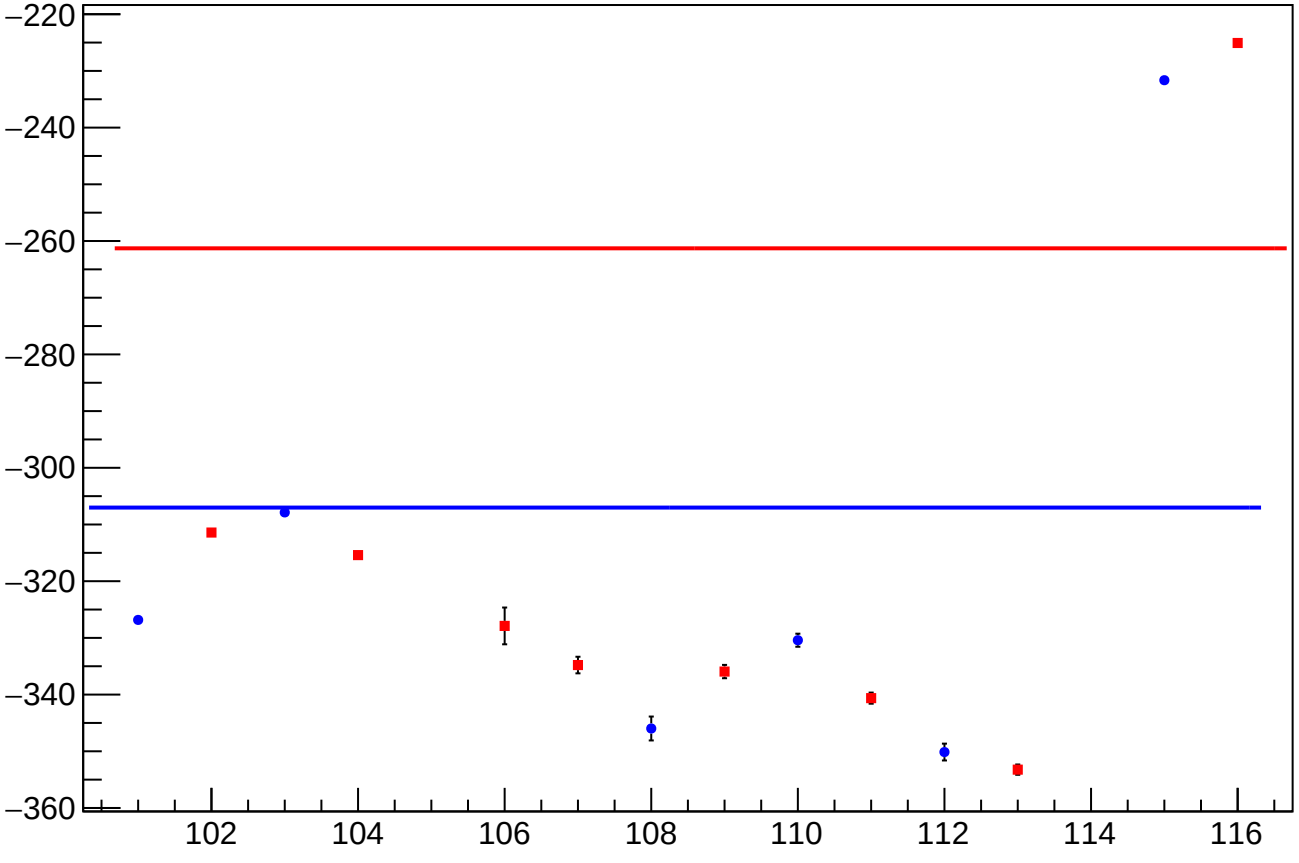
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 13.902+/-0.151 $\chi^2$/NDF: 2174.9/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_4eX_slope vs Slug




Right In: -307.015+/-0.197 $\chi^2$/NDF: 20895.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -261.290+/-0.183 $\chi^2$/NDF: 68004.8/7

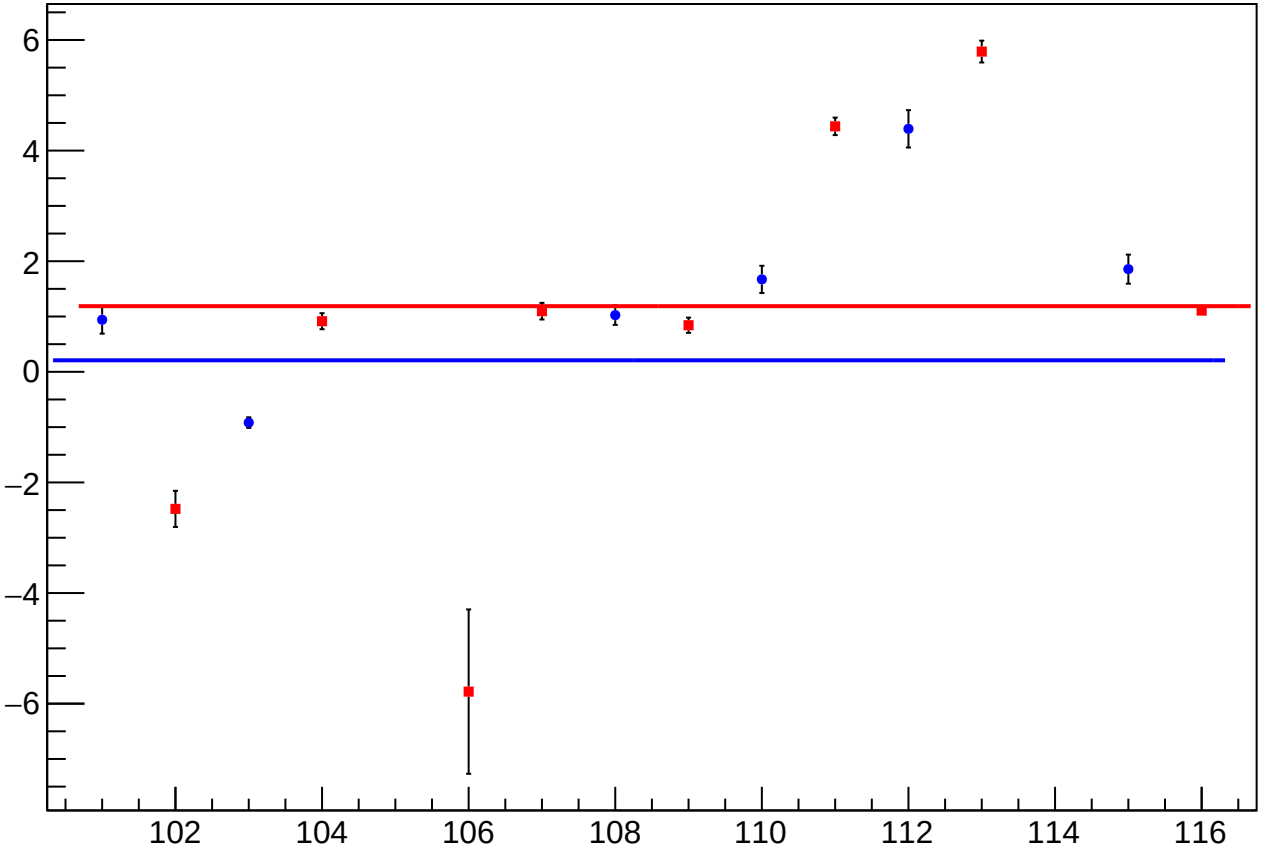
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -282.559+/-0.134 $\chi^2$/NDF: 117822.3/13

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_11X12X_slope vs Slug




Right In: 0.208+/-0.071 $\chi^2$/NDF: 396.3/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.187+/-0.020 $\chi^2$/NDF: 1141.4/7

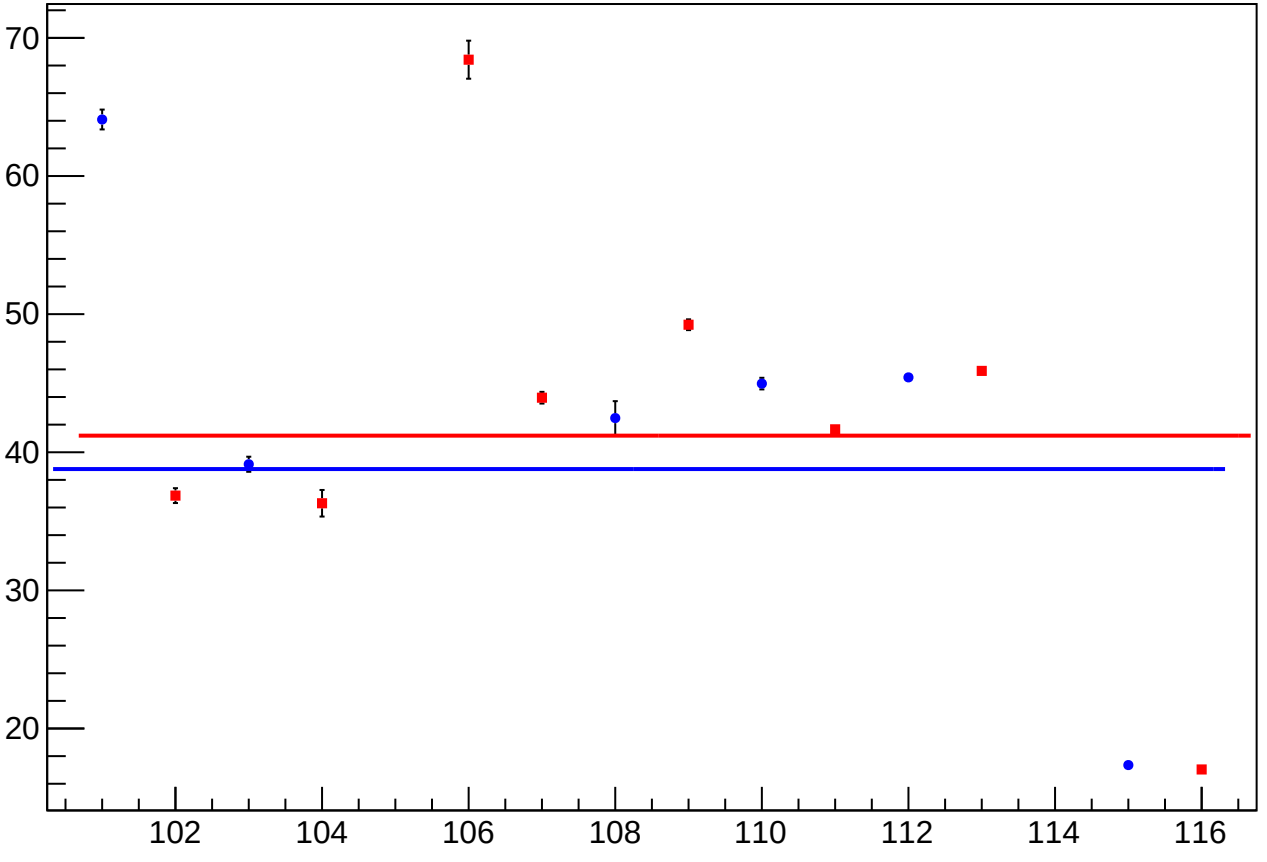
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.114+/-0.020 $\chi^2$/NDF: 1712.1/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_4aY_slope vs Slug




Right In: 38.784+/-0.158 $\chi^2$/NDF: 6824.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 41.203+/-0.105 $\chi^2$/NDF: 7696.9/7

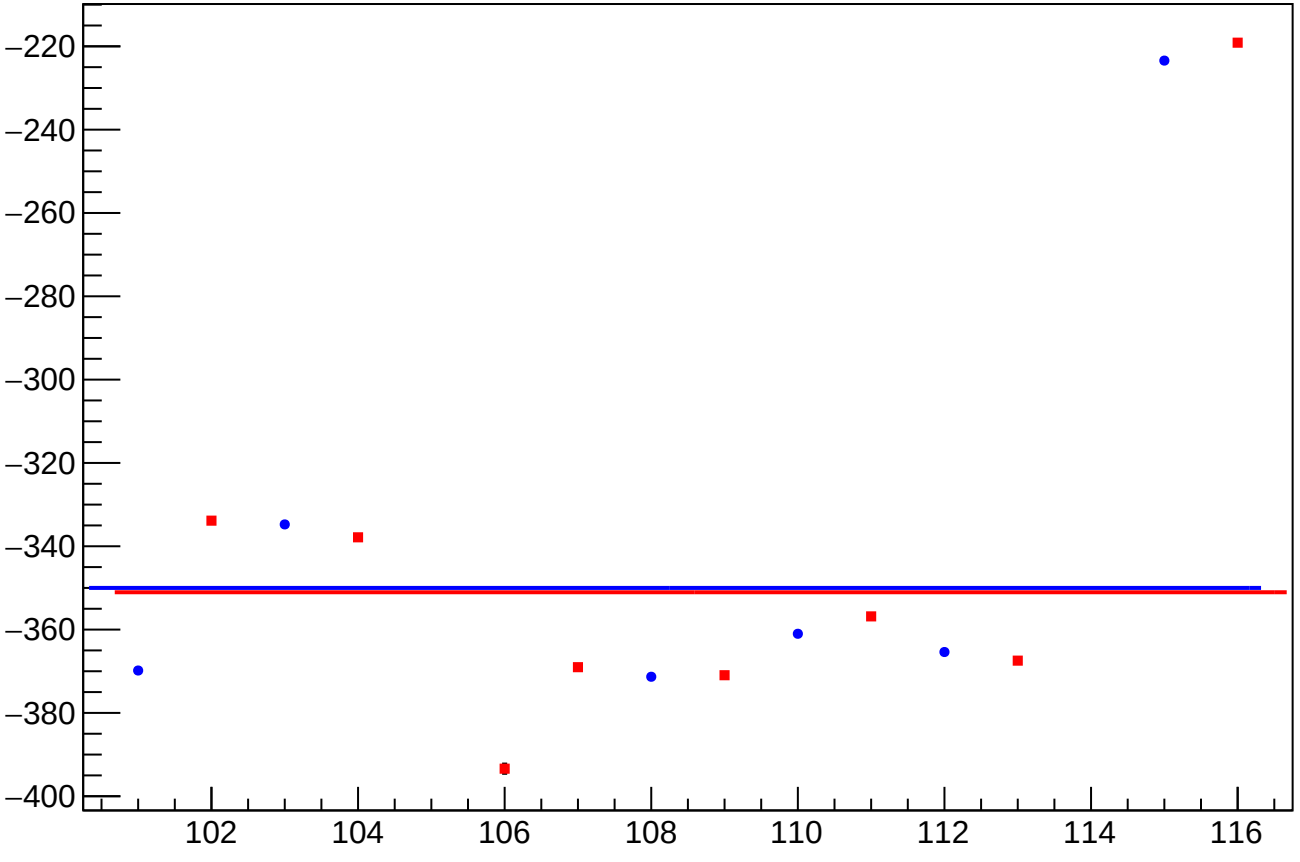
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 40.458+/-0.088 $\chi^2$/NDF: 14684.3/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_4eY_slope vs Slug




Right In: -349.997+/-0.161 $\chi^2$/NDF: 61547.2/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -351.039+/-0.148 $\chi^2$/NDF: 85711.7/7

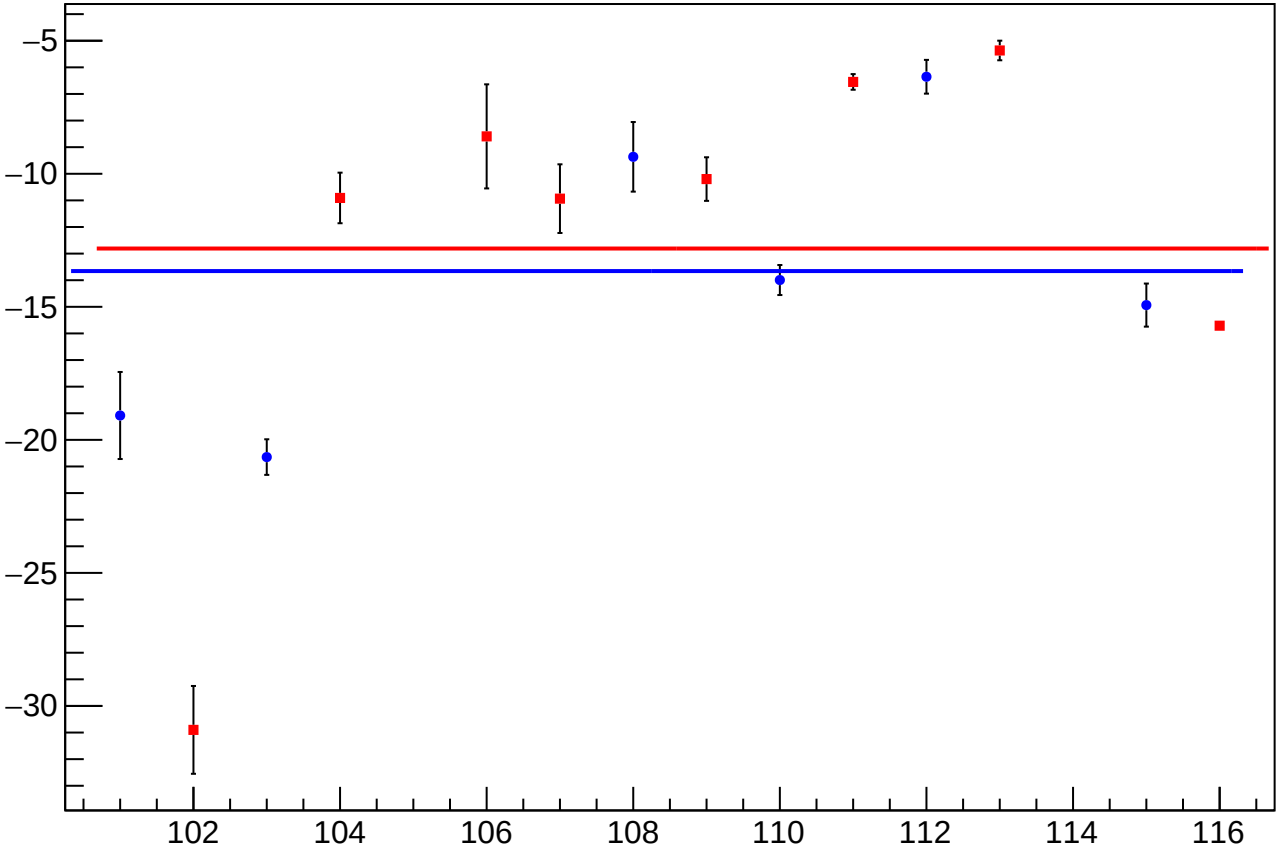
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -350.564+/-0.109 $\chi^2$/NDF: 147281.5/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_4aX_slope vs Slug




Right In: -13.656+/-0.311 $\chi^2$/NDF: 266.4/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -12.809+/-0.122 $\chi^2$/NDF: 1376.4/7

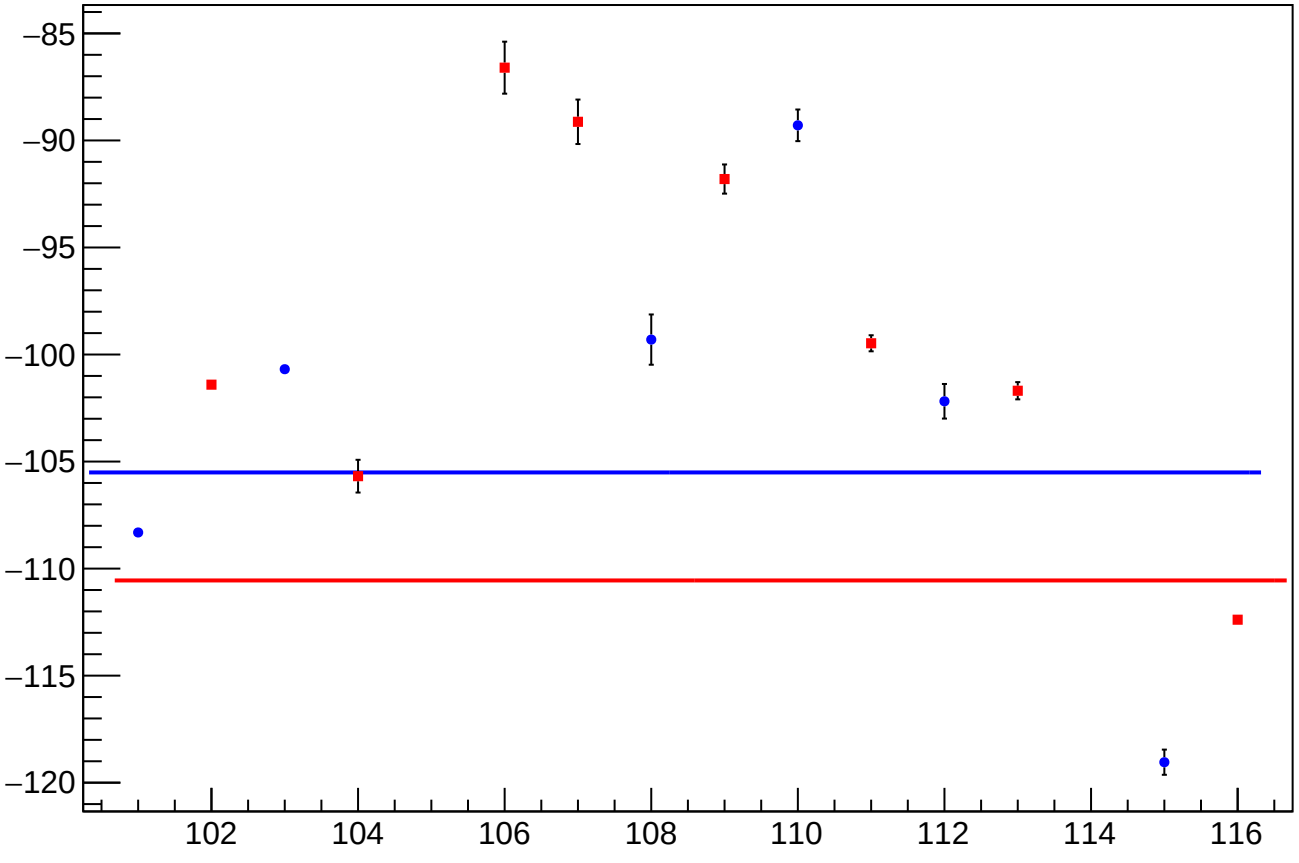
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -12.922+/-0.114 $\chi^2$/NDF: 1649.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_4eX_slope vs Slug




Right In: -105.508+/-0.124 $\chi^2$/NDF: 1837.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -110.554+/-0.051 $\chi^2$/NDF: 7476.6/7

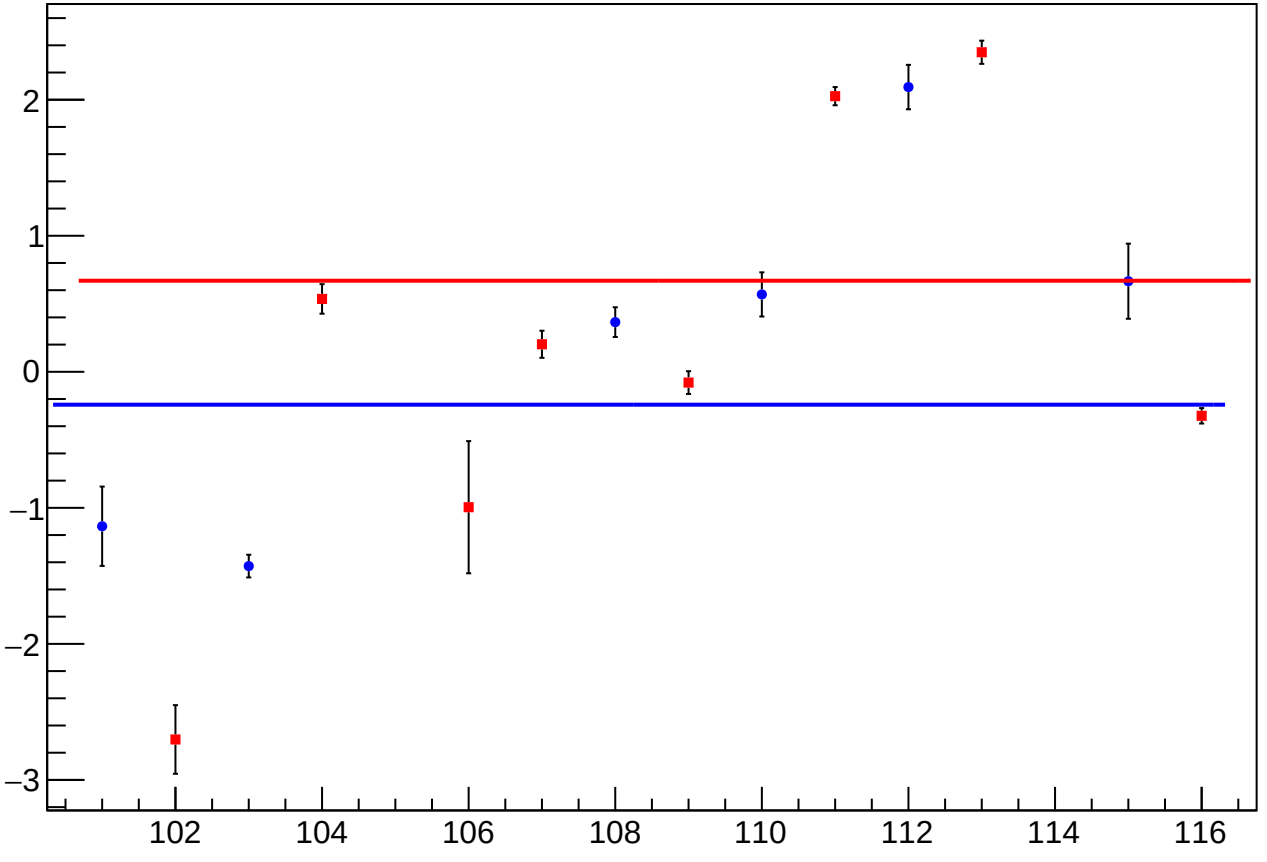
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -109.823+/-0.047 $\chi^2$/NDF: 10725.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_11X12X_slope vs Slug




Right In: -0.242+/-0.055 $\chi^2$/NDF: 482.7/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.670+/-0.031 $\chi^2$/NDF: 1400.9/7

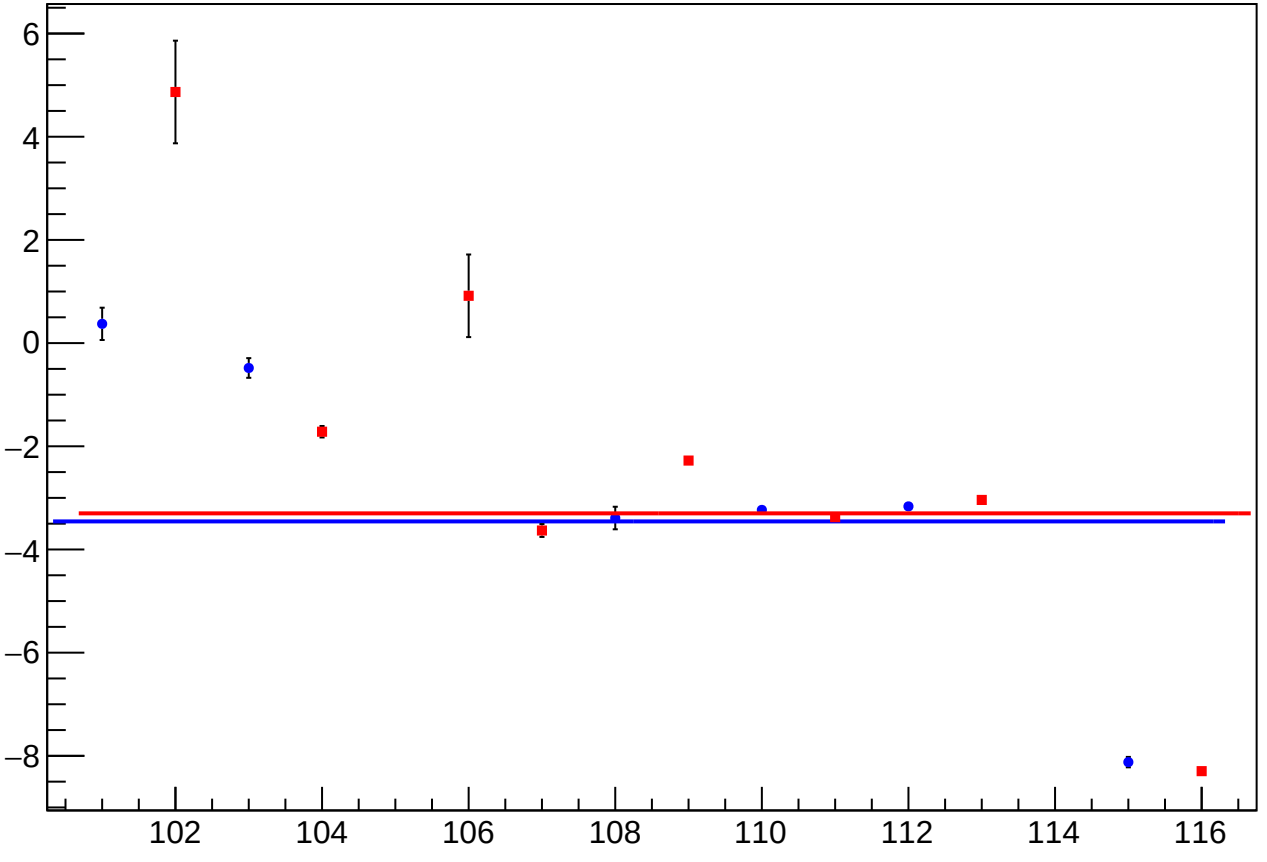
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.448+/-0.027 $\chi^2$/NDF: 2089.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_4aY_slope vs Slug




Right In: -3.456+/-0.026 $\chi^2$/NDF: 2613.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3.300+/-0.014 $\chi^2$/NDF: 11188.0/7

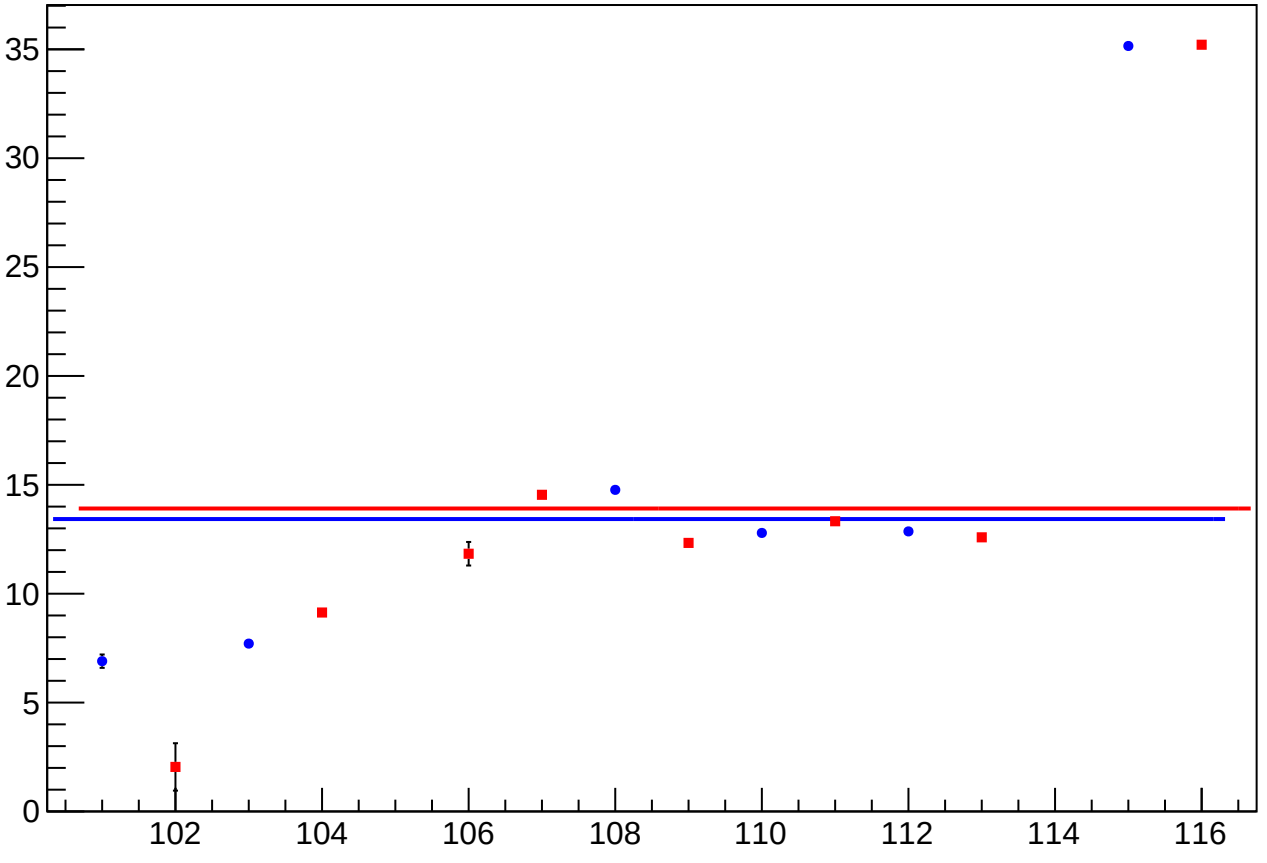
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -3.335+/-0.012 $\chi^2$/NDF: 13829.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_4eY_slope vs Slug




Right In: 13.429+/-0.030 $\chi^2$/NDF: 19529.9/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 13.912+/-0.020 $\chi^2$/NDF: 76419.7/7

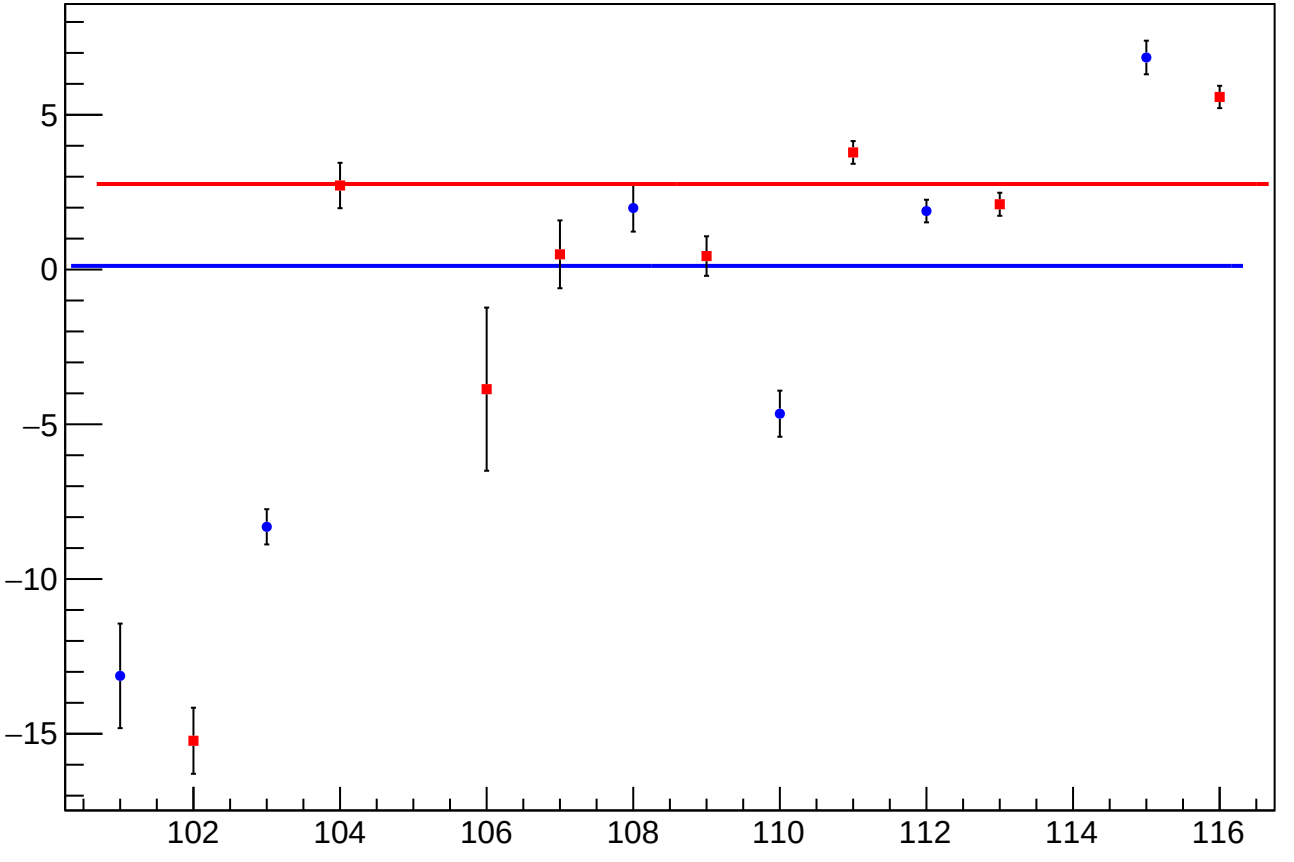
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 13.765+/-0.016 $\chi^2$/NDF: 96132.8/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_4aX_slope vs Slug




Right In: 0.118+/-0.237 $\chi^2$/NDF: 505.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.764+/-0.187 $\chi^2$/NDF: 379.3/7

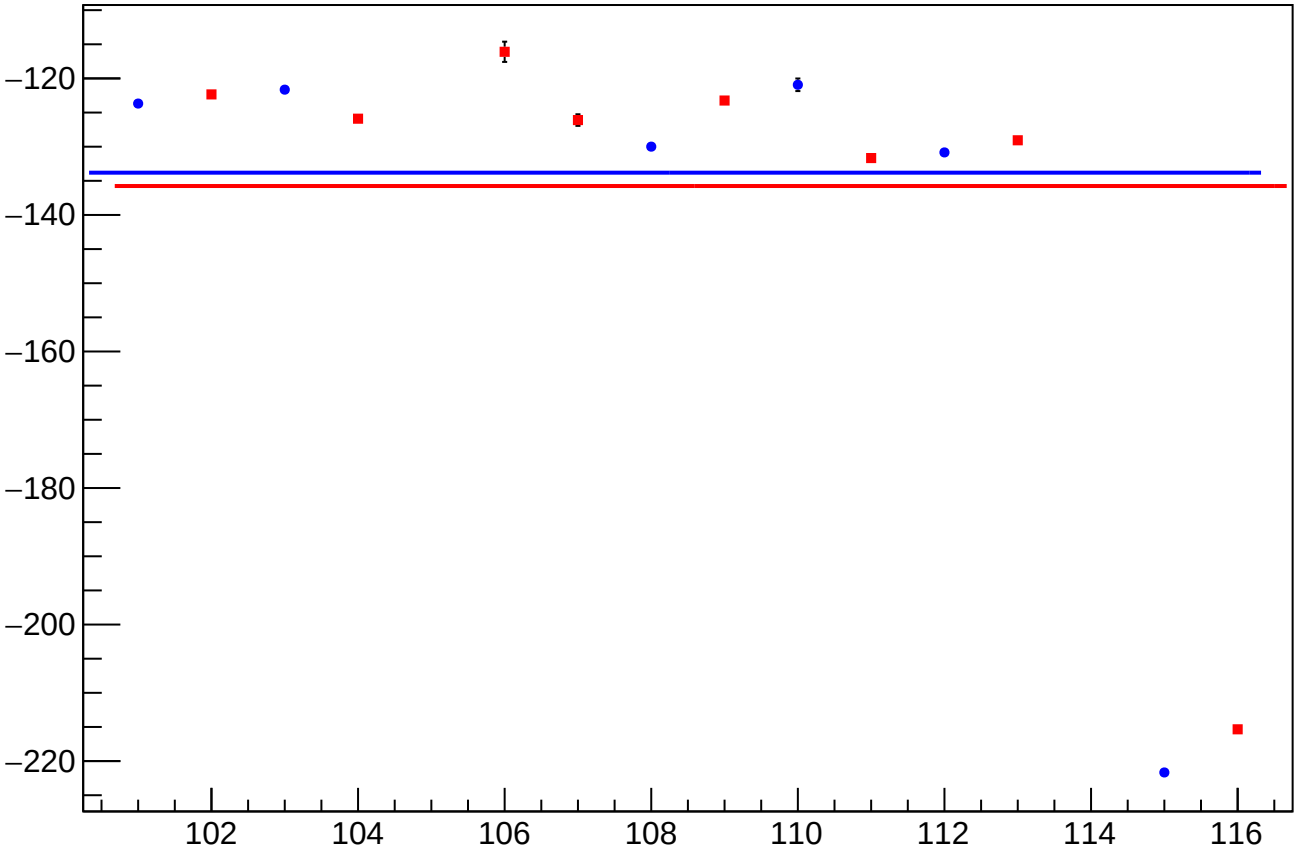
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.745+/-0.147 $\chi^2$/NDF: 961.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_4eX_slope vs Slug




Right In: -133.806+/-0.111 $\chi^2$/NDF: 74206.2/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -135.761+/-0.120 $\chi^2$/NDF: 66314.9/7

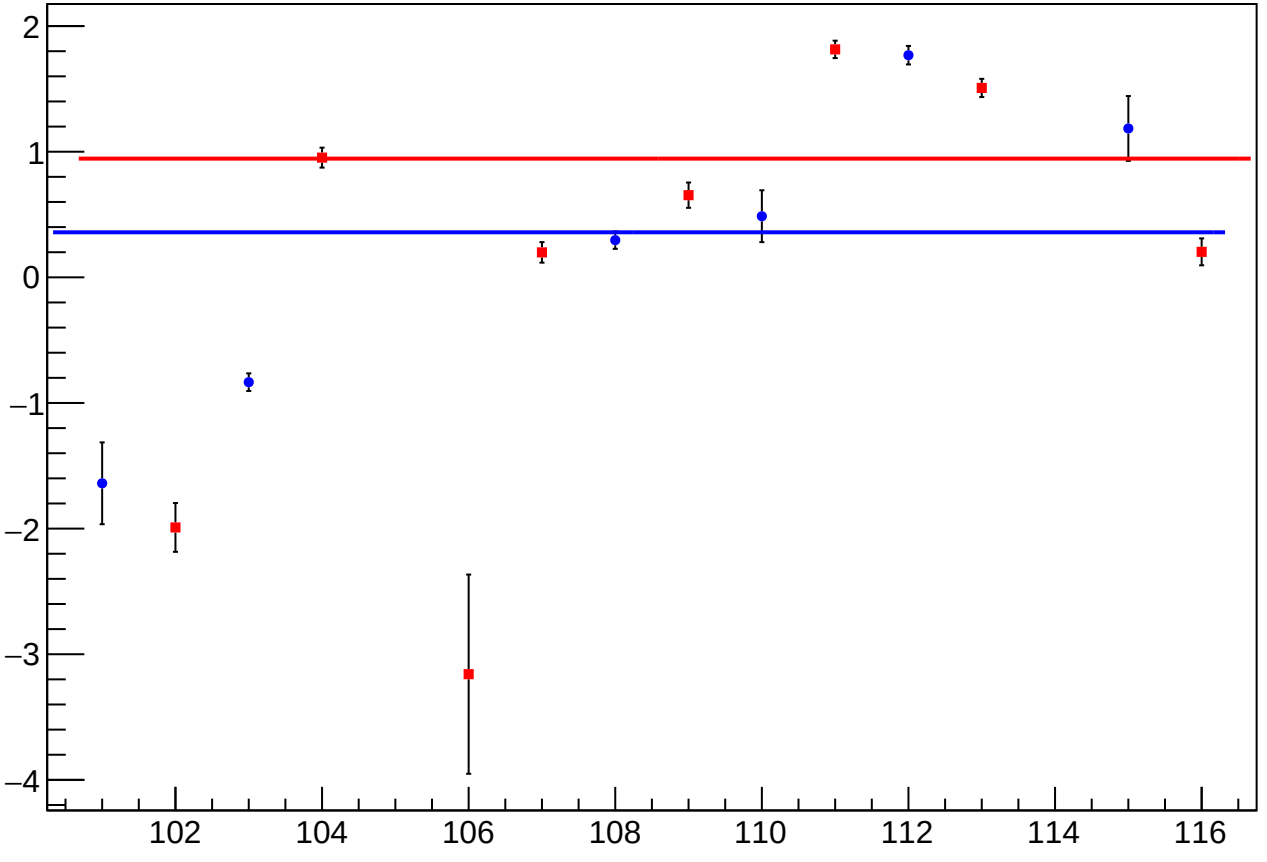
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -134.706+/-0.081 $\chi^2$/NDF: 140664.4/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_11X12X_slope vs Slug




Right In: 0.359+/-0.039 $\chi^2$/NDF: 704.9/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.945+/-0.033 $\chi^2$/NDF: 612.7/7

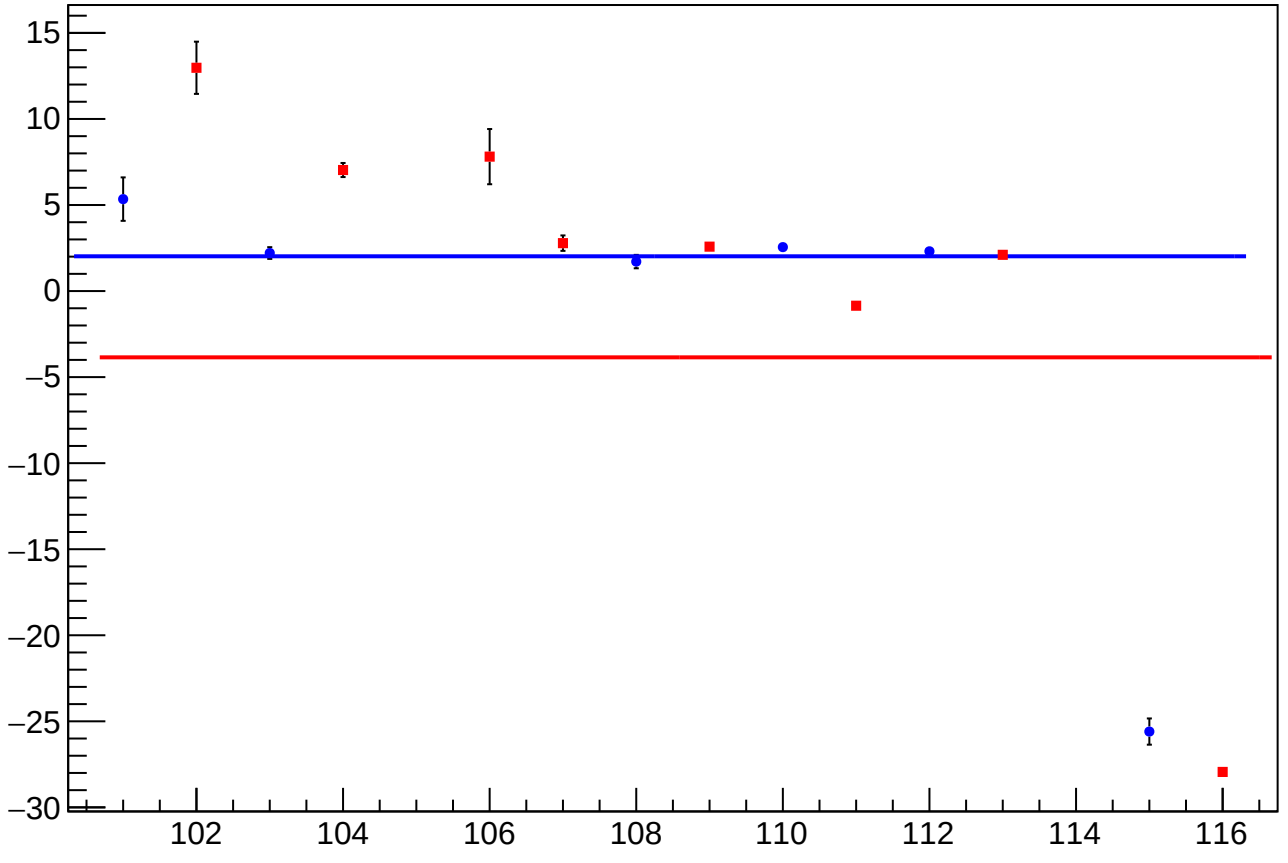
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.704+/-0.025 $\chi^2$/NDF: 1448.1/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_4aY_slope vs Slug




Right In: 2.020+/-0.084 $\chi^2$/NDF: 1339.8/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3.852+/-0.072 $\chi^2$/NDF: 26262.3/7

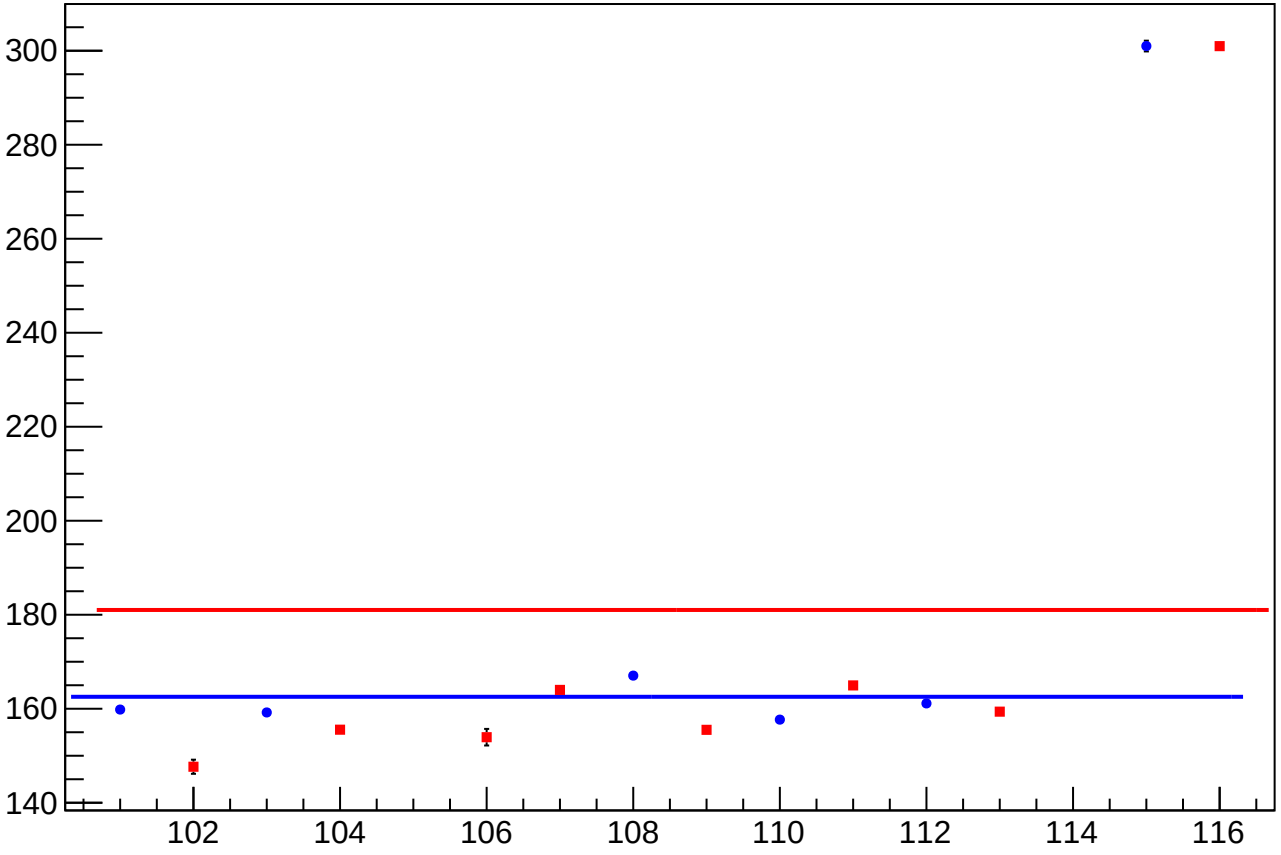
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.383+/-0.055 $\chi^2$/NDF: 30422.8/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_4eY_slope vs Slug




Right In: 162.543+/-0.141 $\chi^2$/NDF: 15306.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 181.016+/-0.110 $\chi^2$/NDF: 223914.8/7

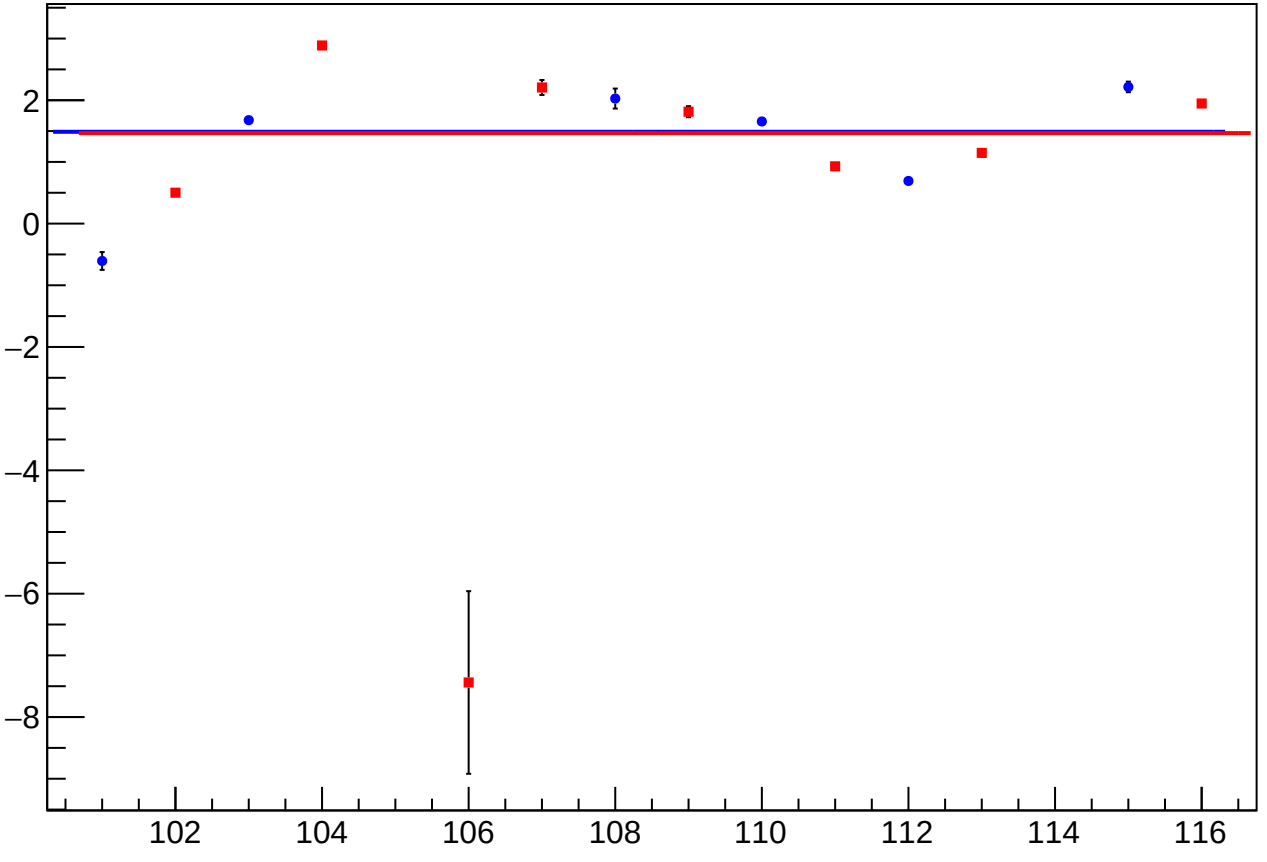
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 174.028+/-0.087 $\chi^2$/NDF: 249900.5/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_4aX_slope vs Slug




Right In: 1.489+/-0.030 $\chi^2$/NDF: 428.2/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.467+/-0.015 $\chi^2$/NDF: 1407.9/7

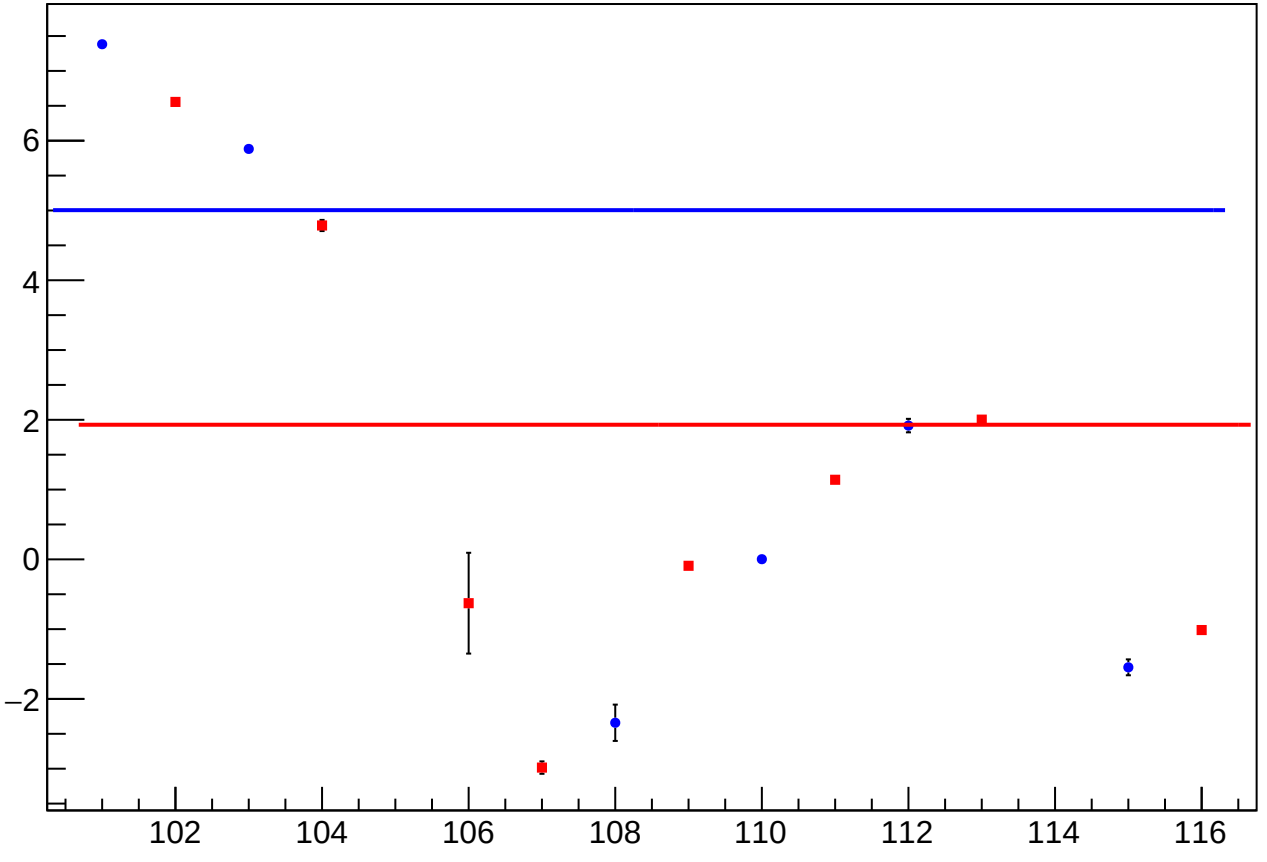
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.471+/-0.014 $\chi^2$/NDF: 1836.5/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_4eX_slope vs Slug




Right In: 5.005+/-0.022 $\chi^2$/NDF: 14000.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.929+/-0.015 $\chi^2$/NDF: 37567.0/7

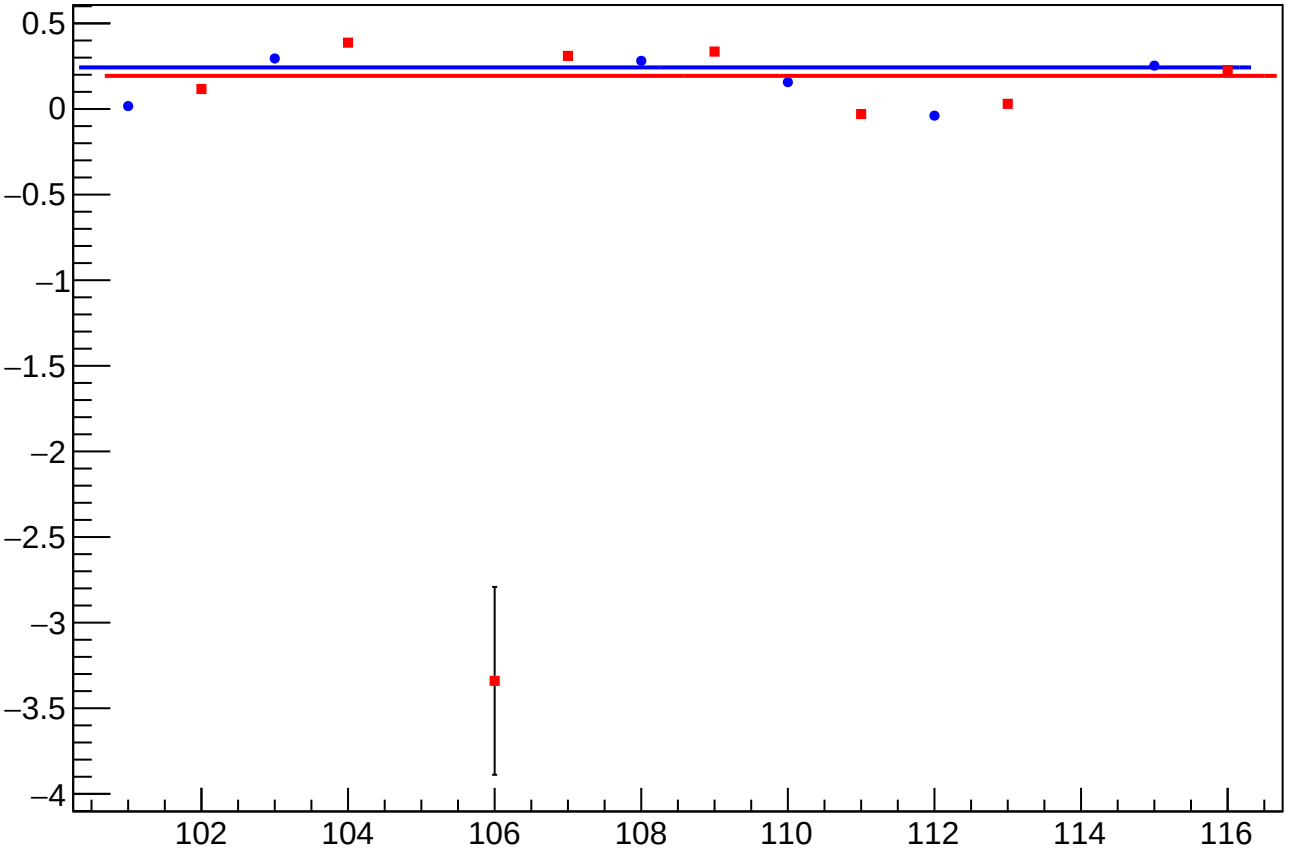
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.925+/-0.012 $\chi^2$/NDF: 65212.0/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_11X12X_slope vs Slug




Right In: 0.243+/-0.004 $\chi^2$/NDF: 498.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.193+/-0.003 $\chi^2$/NDF: 3253.1/7

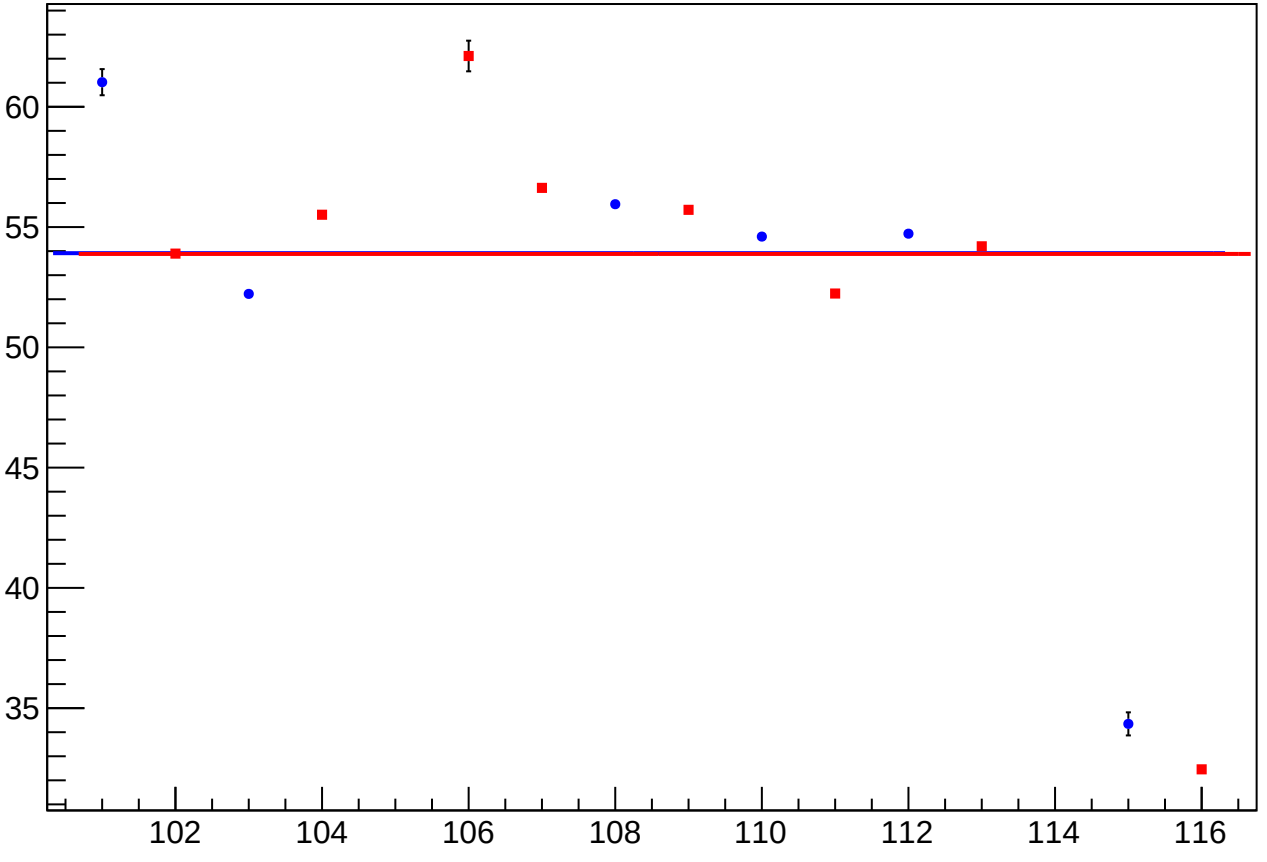
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.208+/-0.002 $\chi^2$/NDF: 3841.4/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_4aY_slope vs Slug




Right In: 53.915+/-0.040 $\chi^2$/NDF: 3332.9/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 53.884+/-0.039 $\chi^2$/NDF: 15457.6/7

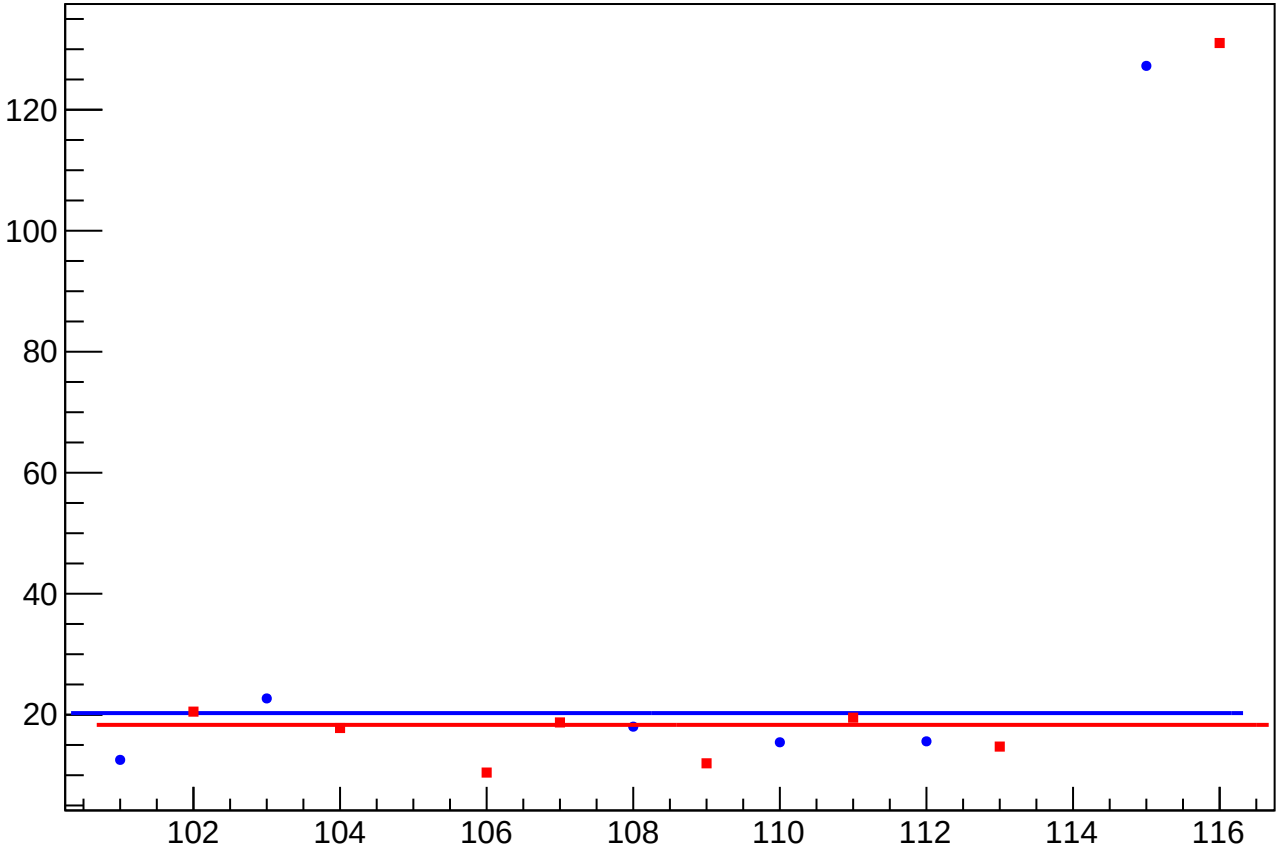
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 53.899+/-0.028 $\chi^2$/NDF: 18790.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_4eY_slope vs Slug




Right In: 20.269+/-0.049 $\chi^2$/NDF: 37781.5/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 18.322+/-0.054 $\chi^2$/NDF: 89326.7/7

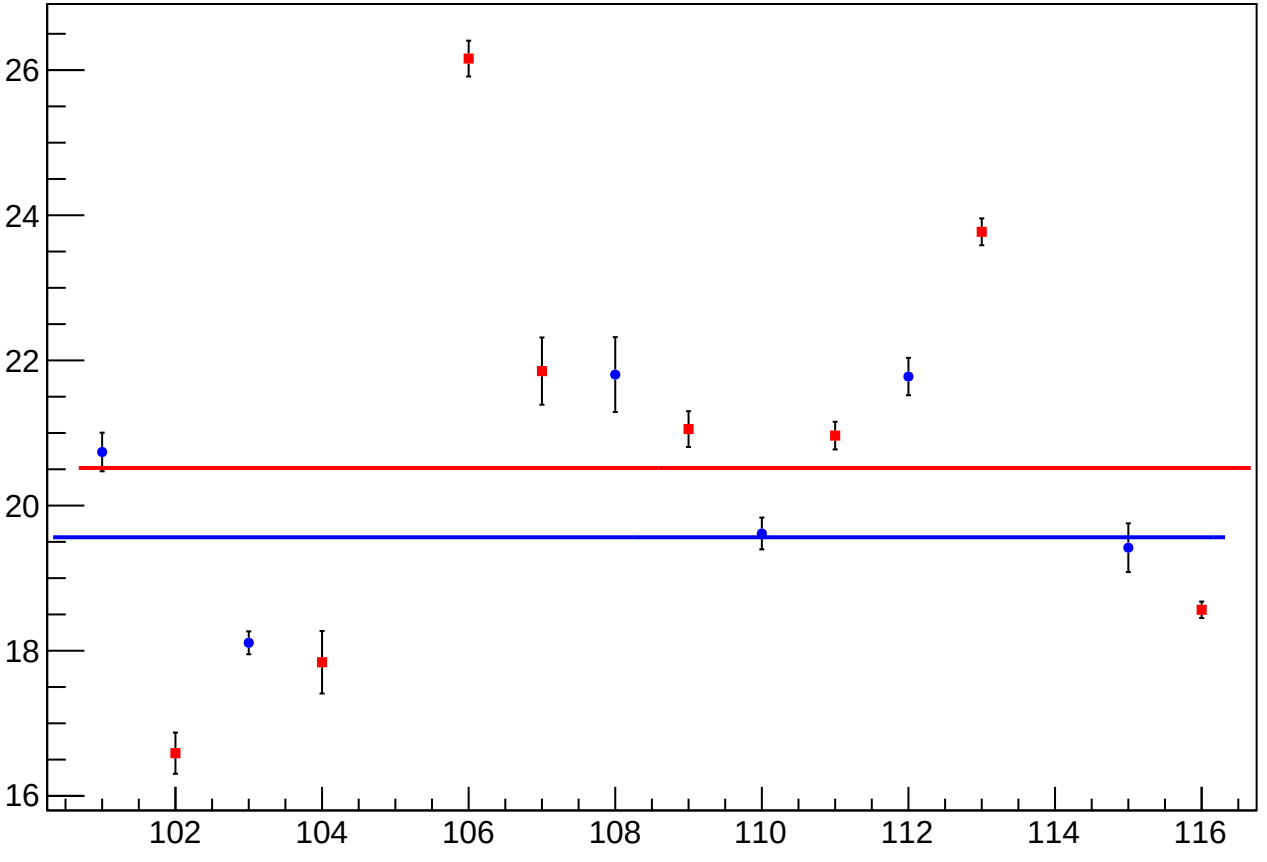
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 19.404+/-0.036 $\chi^2$/NDF: 127822.0/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_4aX_slope vs Slug




Right In: 19.563+/-0.099 $\chi^2$/NDF: 197.3/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 20.518+/-0.073 $\chi^2$/NDF: 1378.7/7

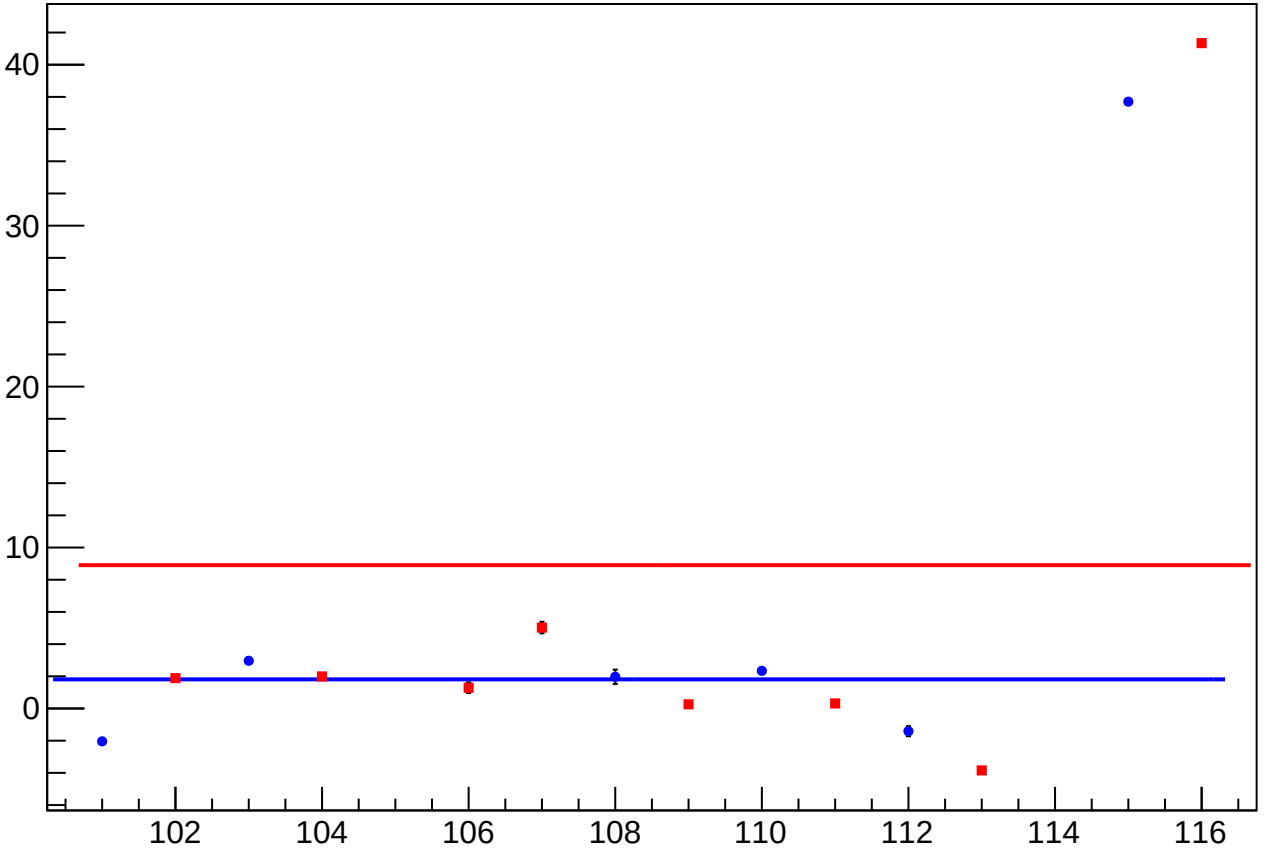
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 20.183+/-0.058 $\chi^2$/NDF: 1636.8/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_4eX_slope vs Slug




Right In: 1.811+/-0.050 $\chi^2$/NDF: 19071.9/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 8.905+/-0.068 $\chi^2$/NDF: 57124.7/7

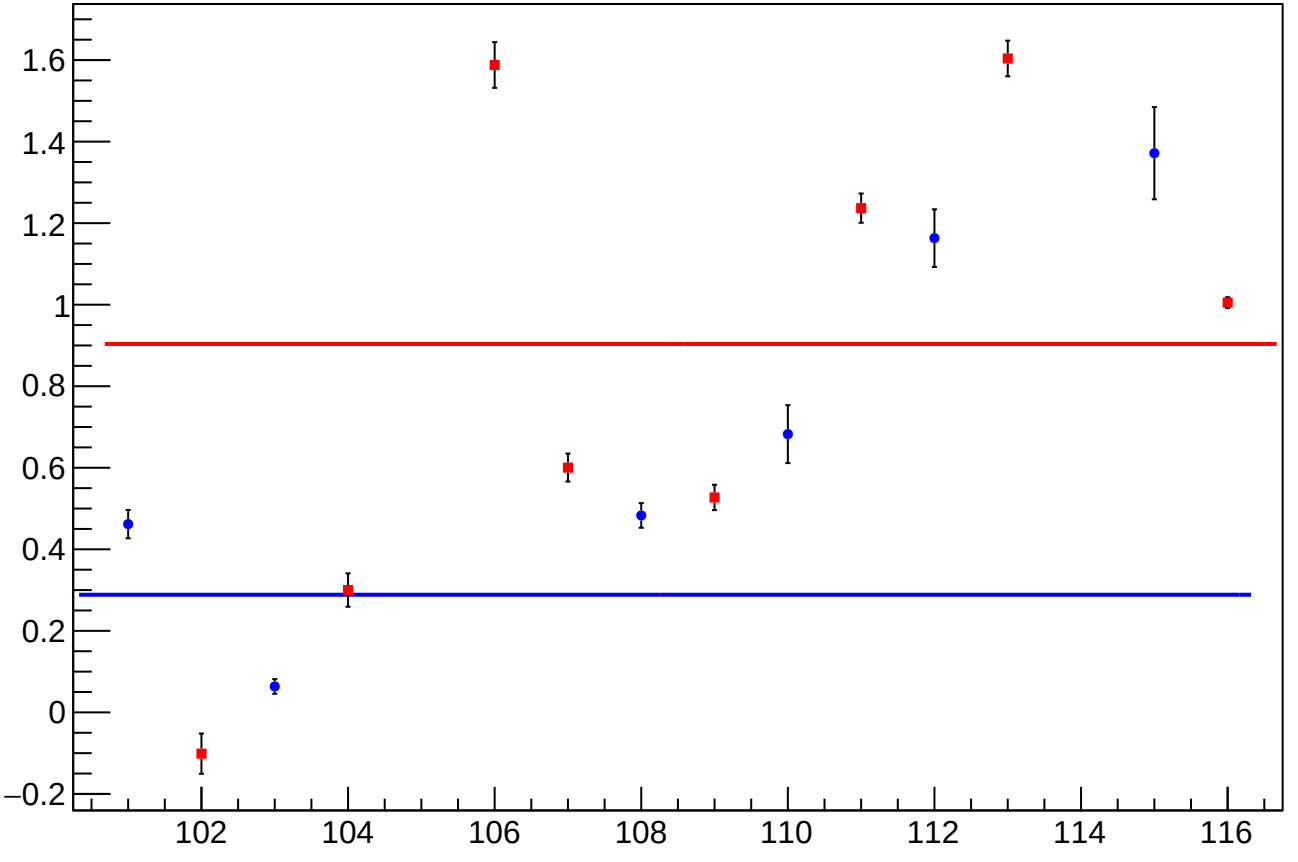
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 4.278+/-0.040 $\chi^2$/NDF: 83197.1/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_11X12X_slope vs Slug




Right In: 0.289+/-0.014 $\chi^2$/NDF: 497.9/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.904+/-0.010 $\chi^2$/NDF: 1404.5/7

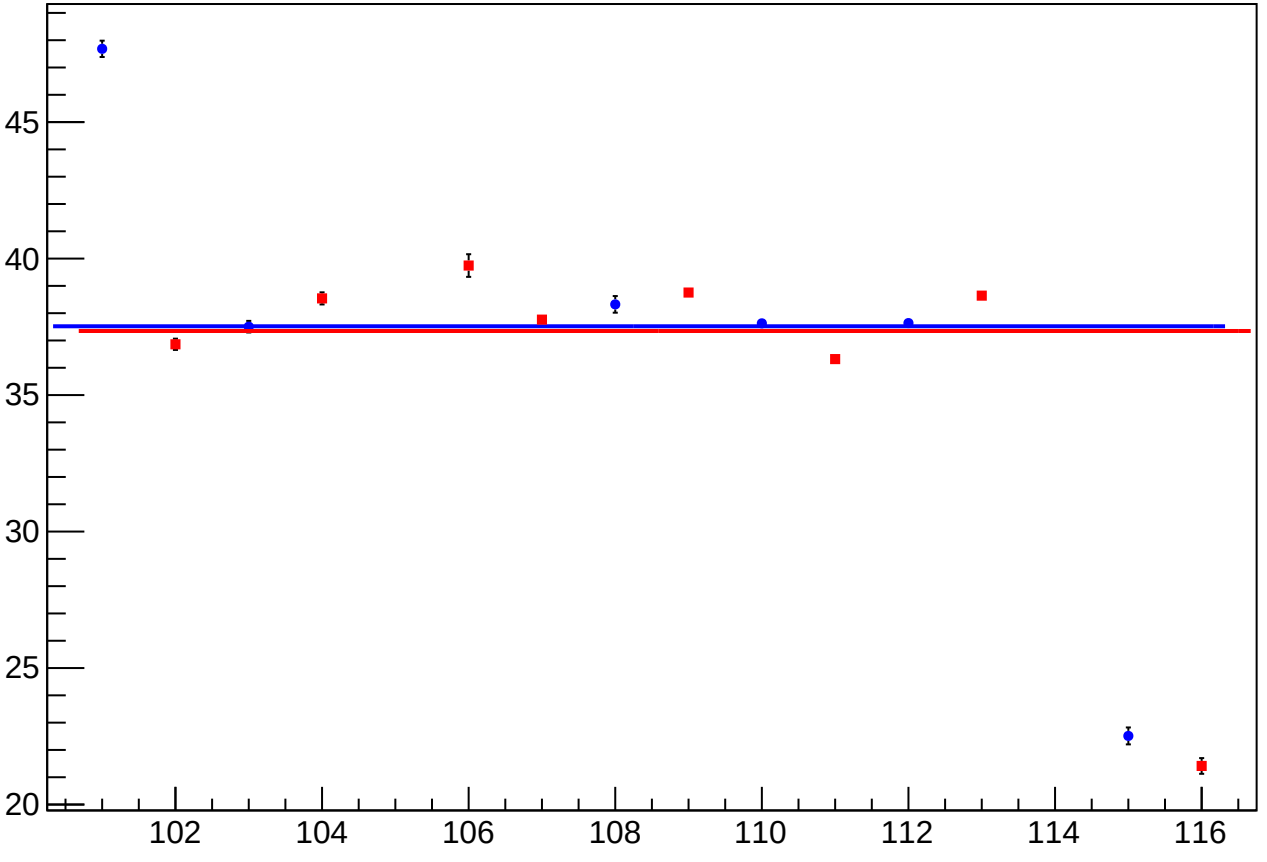
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.688+/-0.008 $\chi^2$/NDF: 3250.6/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_4aY_slope vs Slug




Right In: 37.520+/-0.054 $\chi^2$/NDF: 3509.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 37.347+/-0.042 $\chi^2$/NDF: 3775.6/7

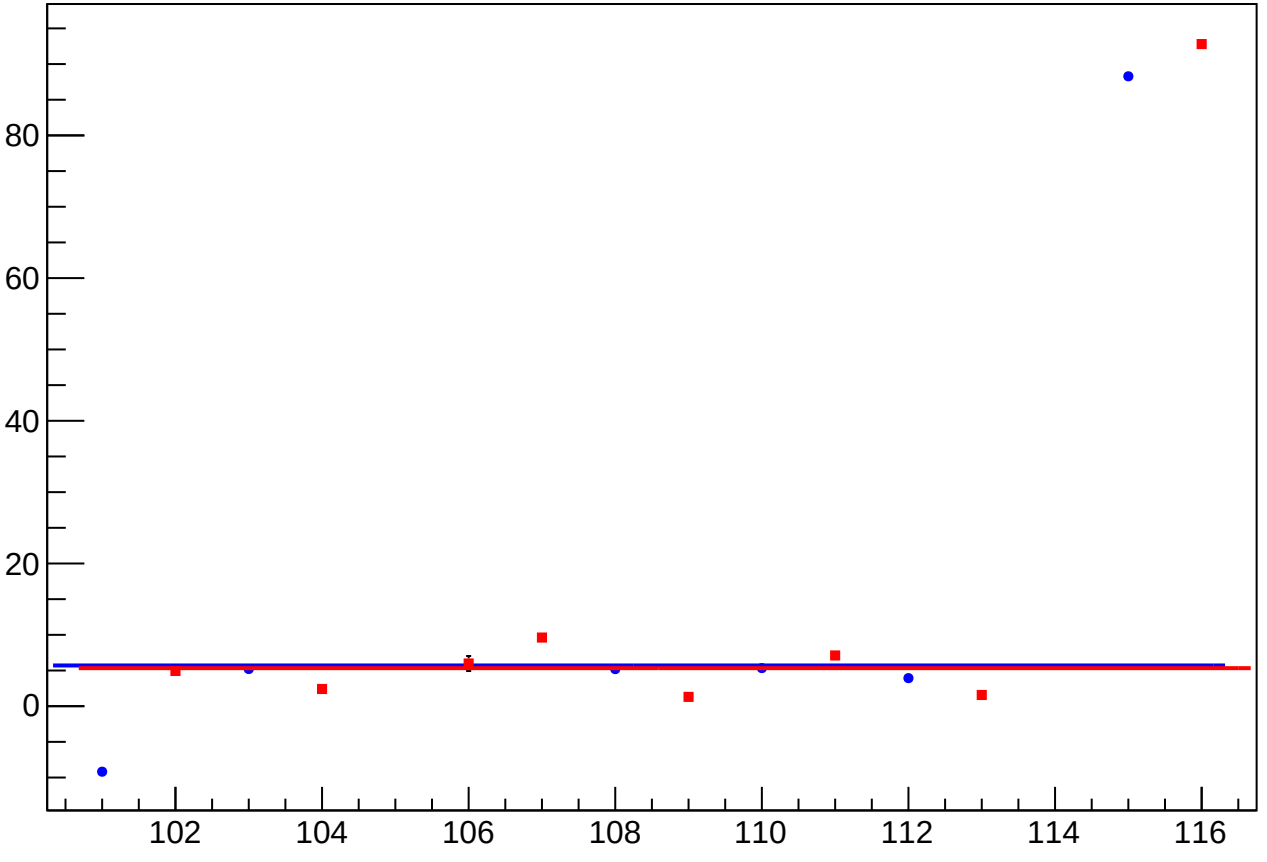
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 37.412+/-0.033 $\chi^2$/NDF: 7291.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_4eY_slope vs Slug




Right In: 5.708+/-0.058 $\chi^2$/NDF: 48442.4/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 5.330+/-0.060 $\chi^2$/NDF: 36906.0/7

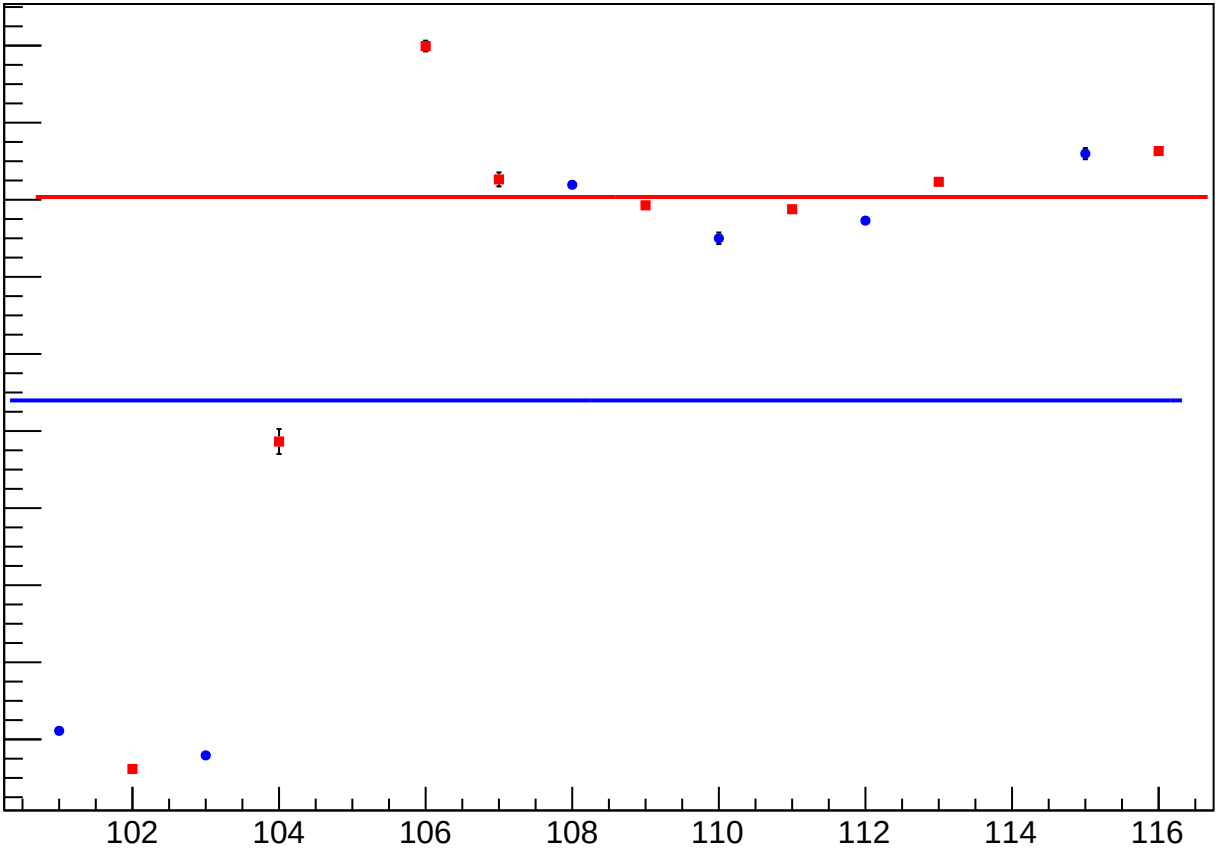
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 5.527+/-0.042 $\chi^2$/NDF: 85368.9/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_4aX_slope vs Slug




Right In: 32.794+/-0.037 $\chi^2$/NDF: 33133.4/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 38.072+/-0.022 $\chi^2$/NDF: 16533.3/7

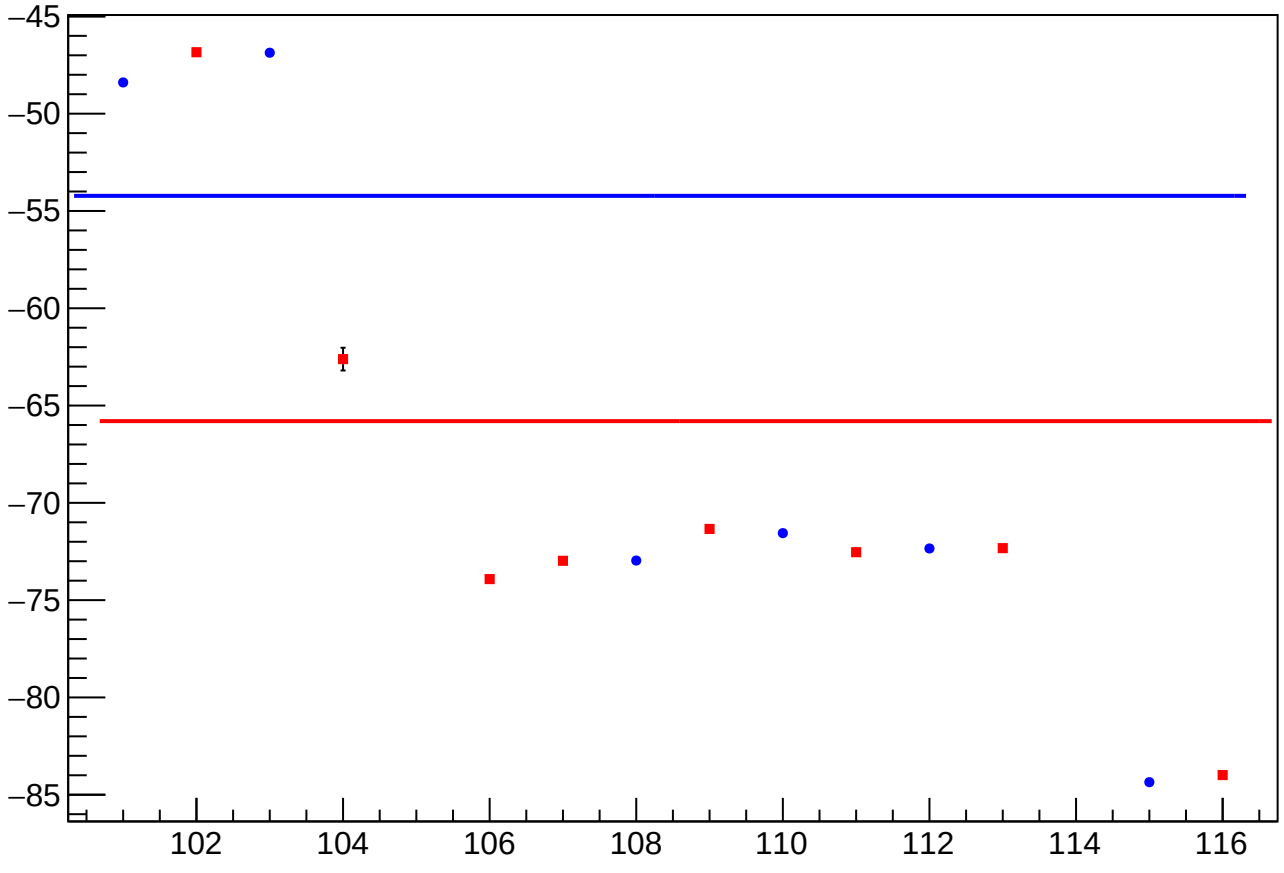
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 36.720+/-0.019 $\chi^2$/NDF: 64995.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_4eX_slope vs Slug




Right In: -54.223+/-0.022 $\chi^2$/NDF: 280874.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -65.800+/-0.016 $\chi^2$/NDF: 749425.4/7

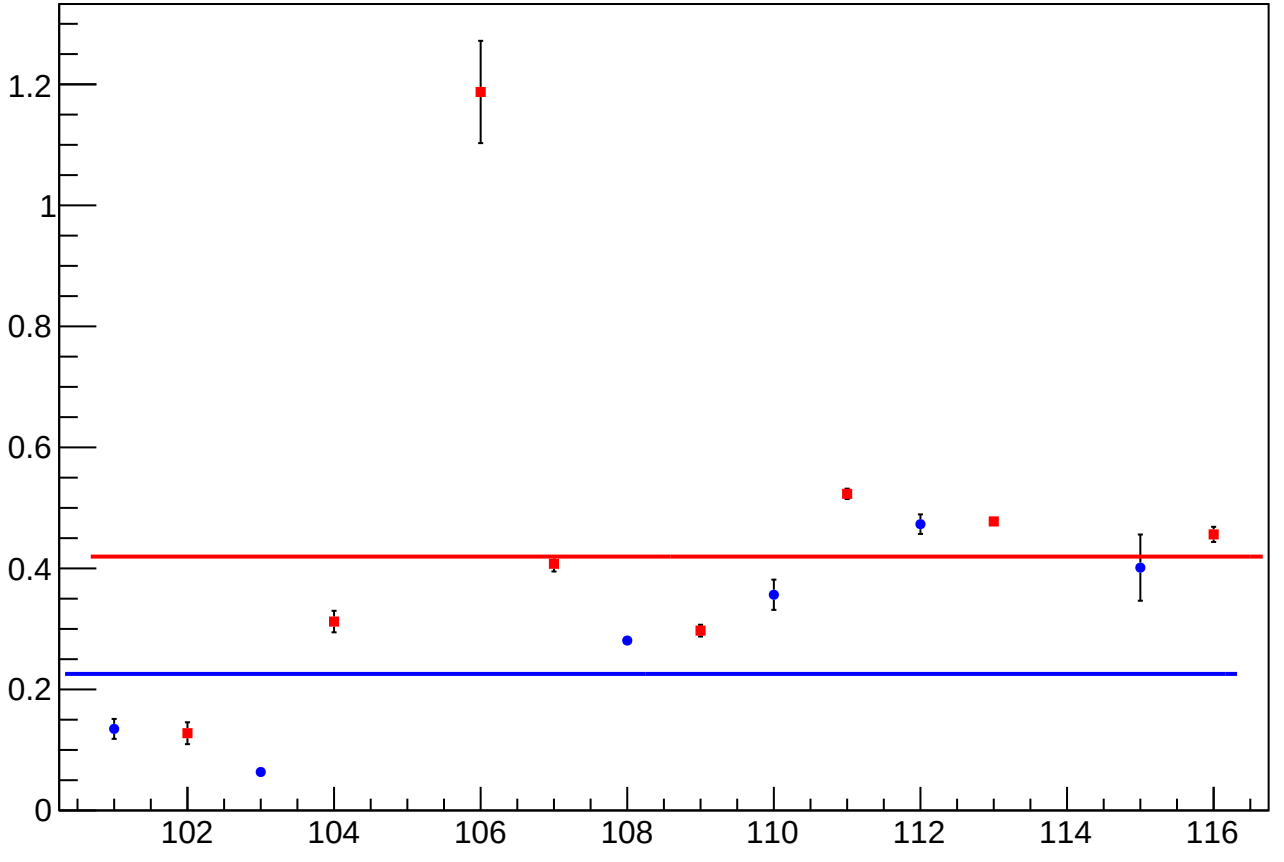
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -61.768+/-0.013 $\chi^2$/NDF: 1205394.6/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_11X12X_slope vs Slug




Right In: 0.226+/-0.004 $\chi^2$/NDF: 811.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.420+/-0.004 $\chi^2$/NDF: 744.3/7

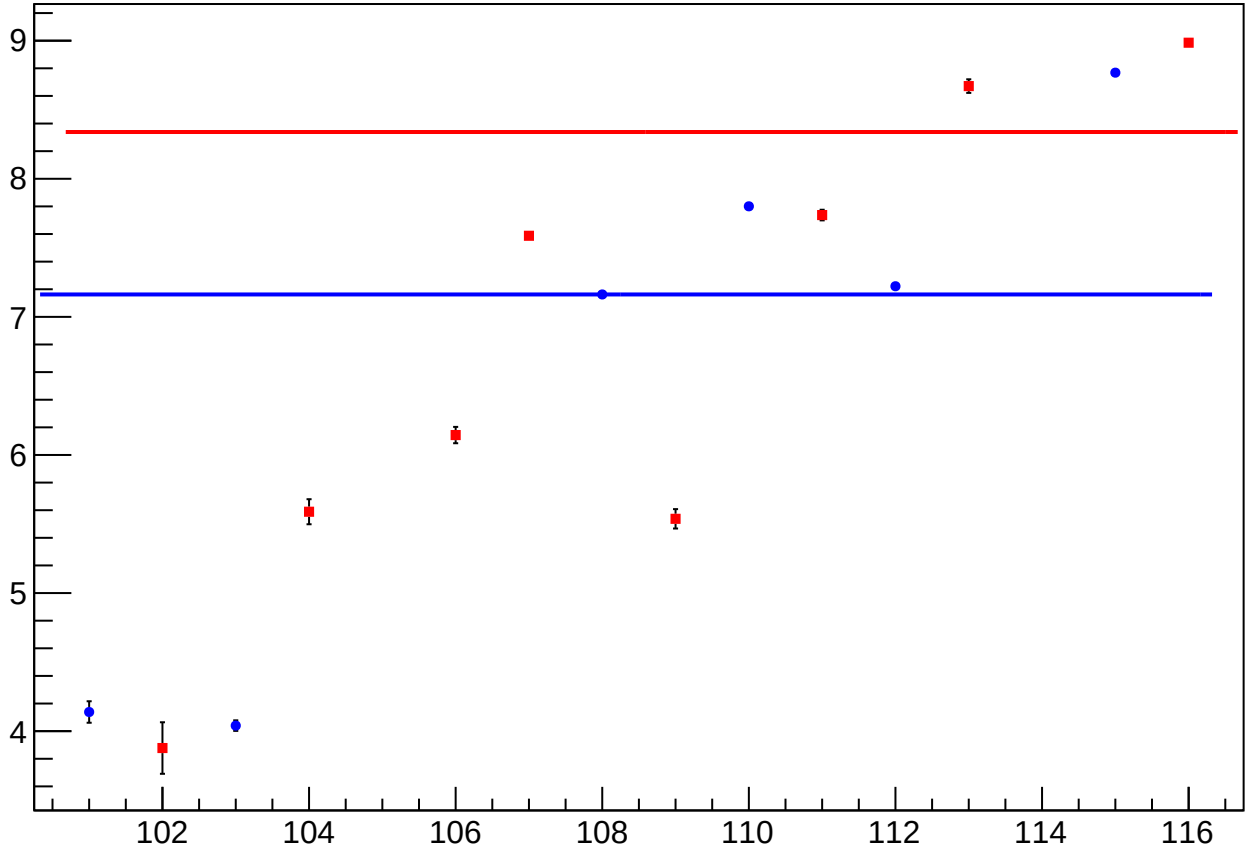
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.324+/-0.003 $\chi^2$/NDF: 2621.6/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_4aY_slope vs Slug




Right In: 7.162+/-0.013 $\chi^2$/NDF: 11825.5/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 8.339+/-0.011 $\chi^2$/NDF: 7438.7/7

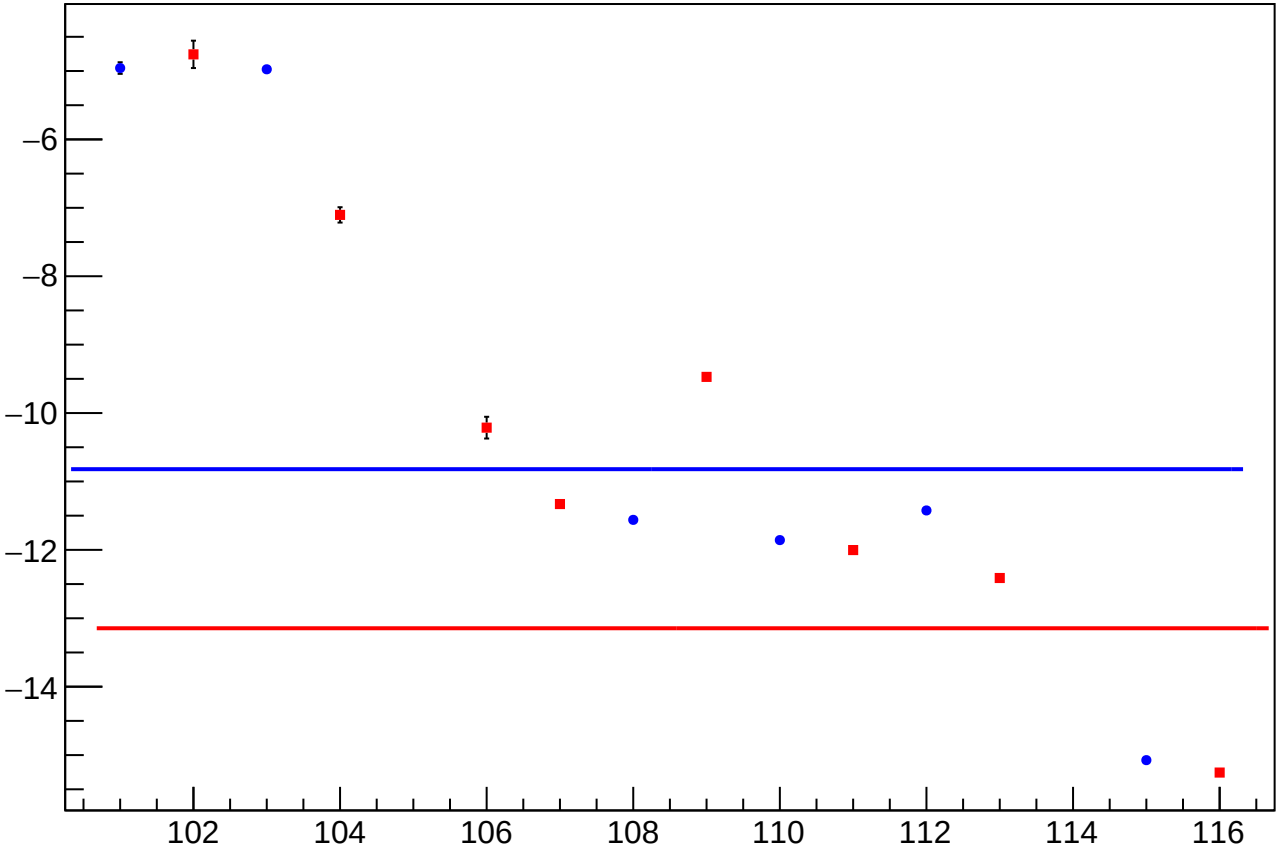
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 7.829+/-0.009 $\chi^2$/NDF: 23872.1/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_4eY_slope vs Slug




Right In: -10.820+/-0.016 $\chi^2$/NDF: 38858.1/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -13.146+/-0.012 $\chi^2$/NDF: 29222.4/7

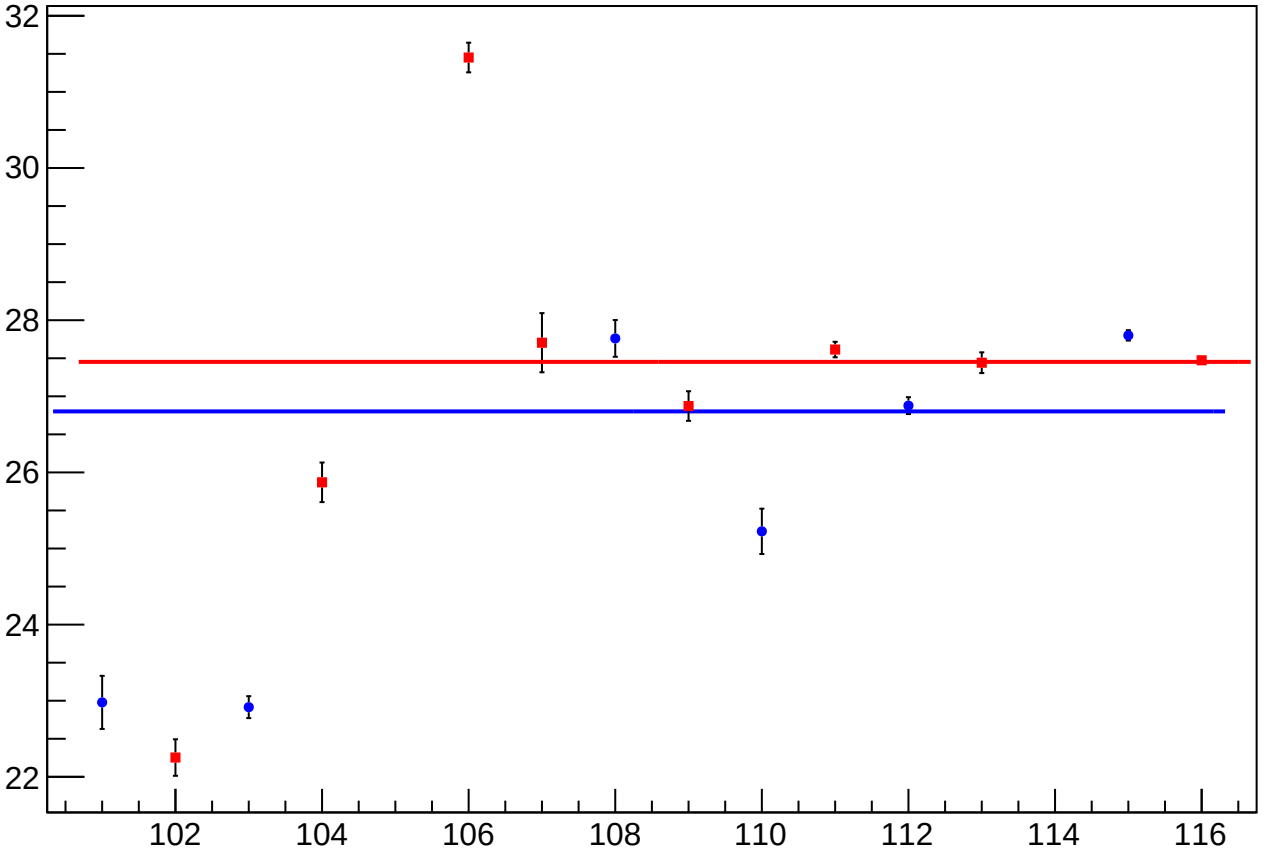
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -12.304+/-0.010 $\chi^2$/NDF: 81352.1/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_4aX_slope vs Slug




Right In: 26.802+/-0.051 $\chi^2$/NDF: 1106.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 27.453+/-0.041 $\chi^2$/NDF: 939.5/7

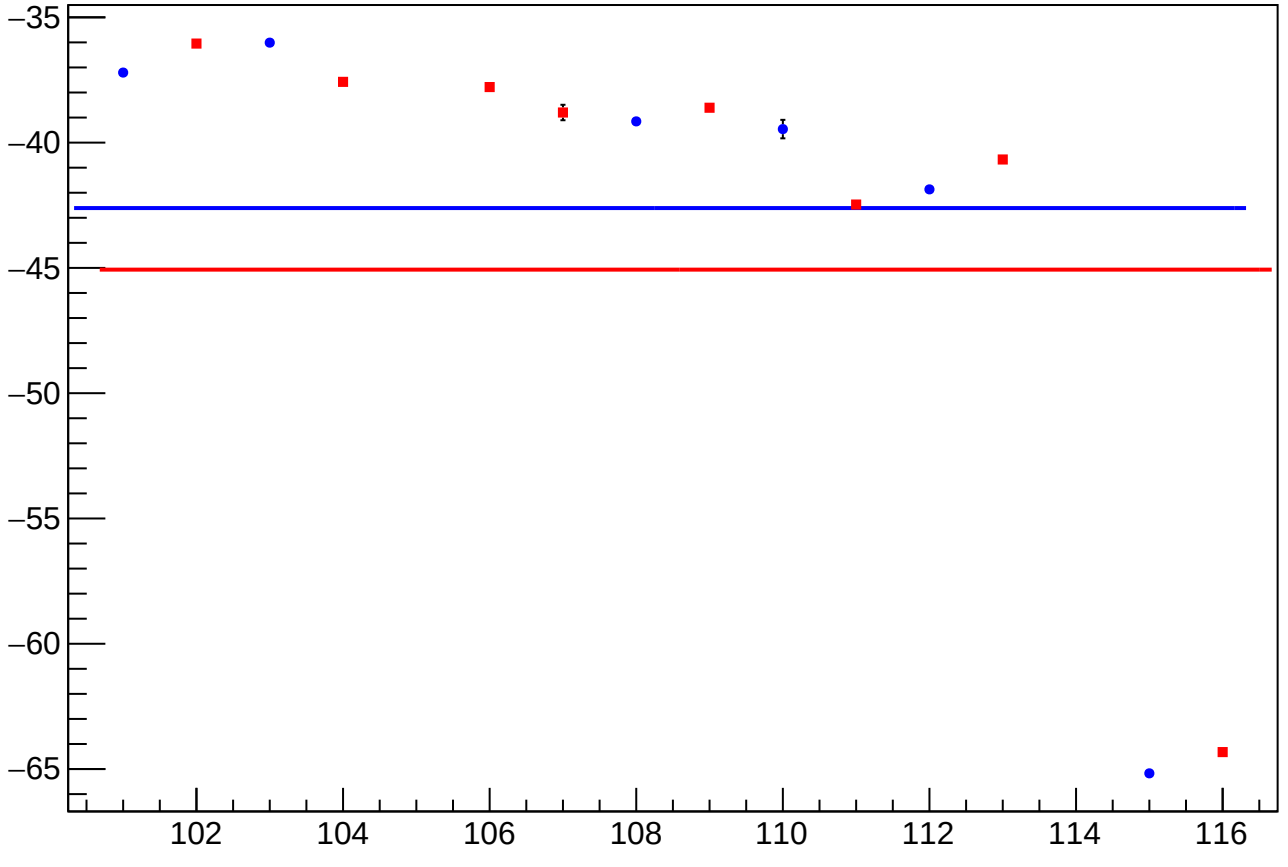
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 27.198+/-0.032 $\chi^2$/NDF: 2144.2/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_4eX_slope vs Slug




Right In: -42.612+/-0.026 $\chi^2$/NDF: 190600.7/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -45.069+/-0.027 $\chi^2$/NDF: 214286.8/7

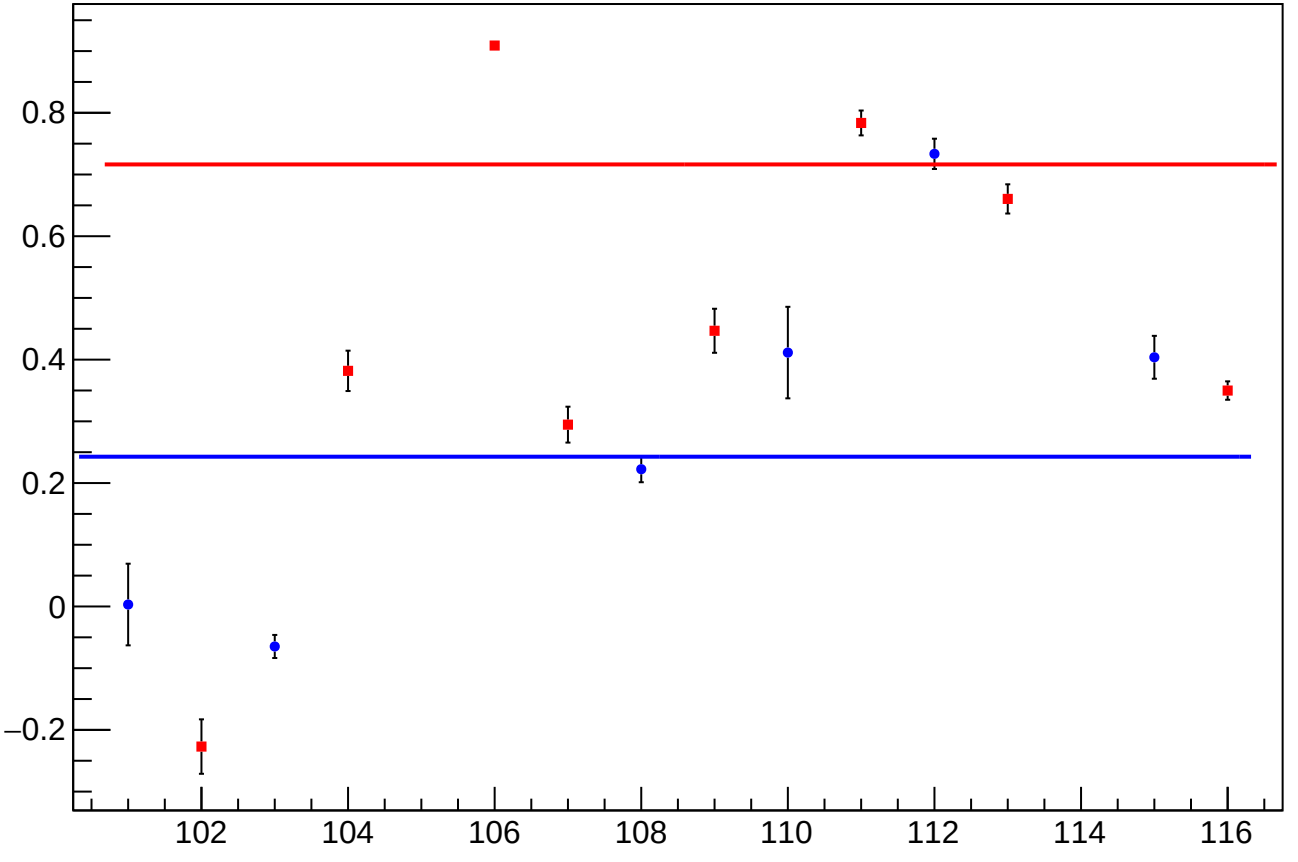
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -43.801+/-0.019 $\chi^2$/NDF: 409113.6/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_11X12X_slope vs Slug




Right In: 0.243+/-0.011 $\chi^2$/NDF: 711.3/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.716+/-0.006 $\chi^2$/NDF: 2043.3/7

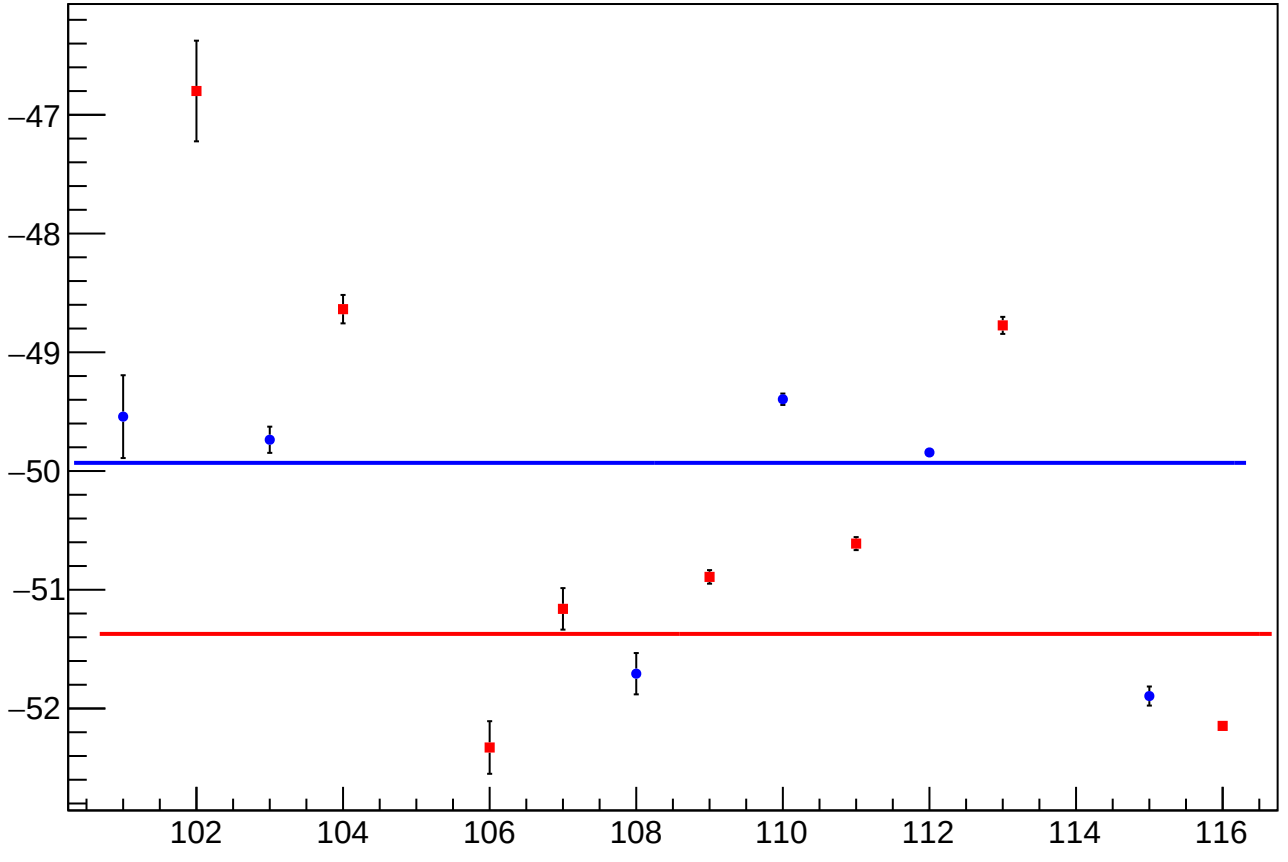
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.612+/-0.005 $\chi^2$/NDF: 4152.7/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_4aY_slope vs Slug




Right In: -49.931+/-0.022 $\chi^2$/NDF: 840.6/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -51.372+/-0.020 $\chi^2$/NDF: 3094.1/7

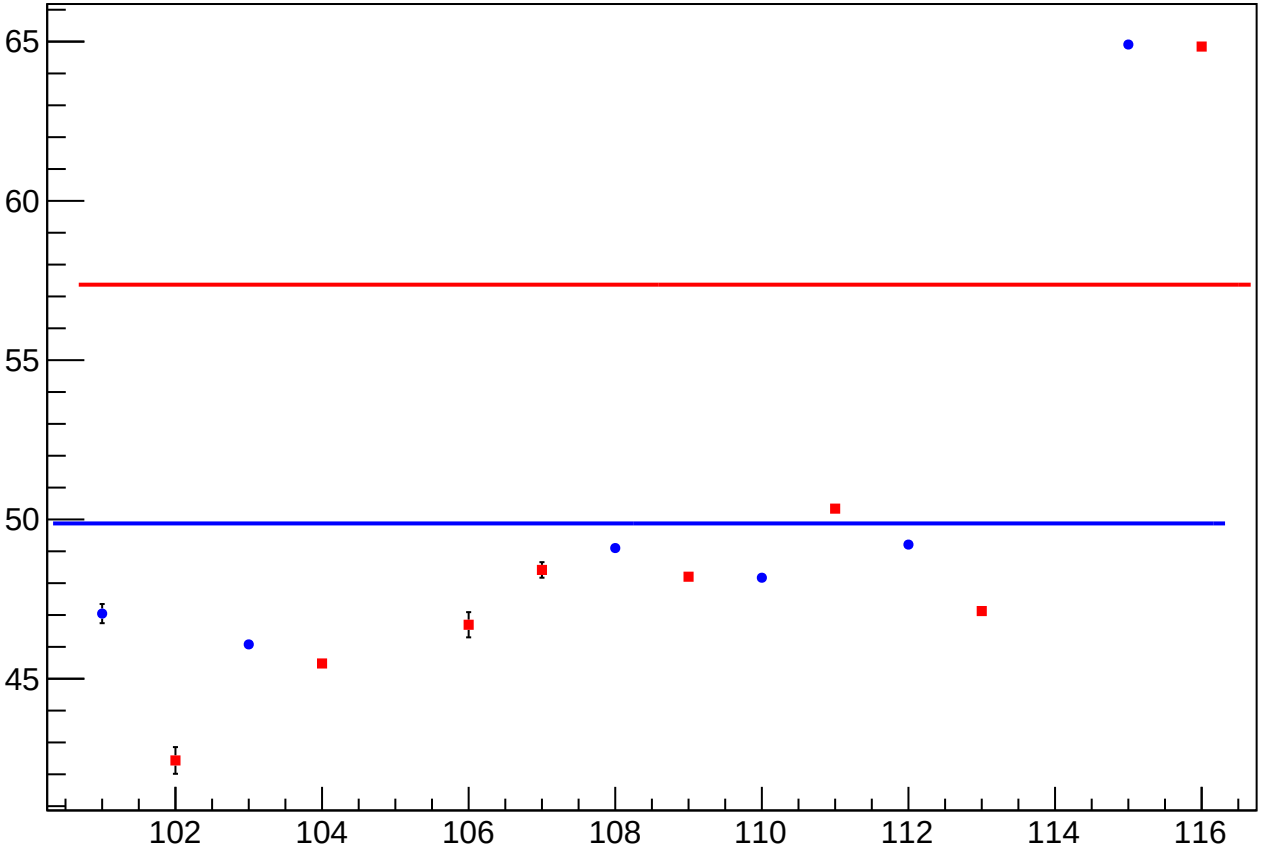
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -50.720+/-0.015 $\chi^2$/NDF: 6182.3/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_4eY_slope vs Slug




Right In: 49.875+/-0.038 $\chi^2$/NDF: 17901.4/5

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 57.370+/-0.024 $\chi^2$/NDF: 131746.4/7

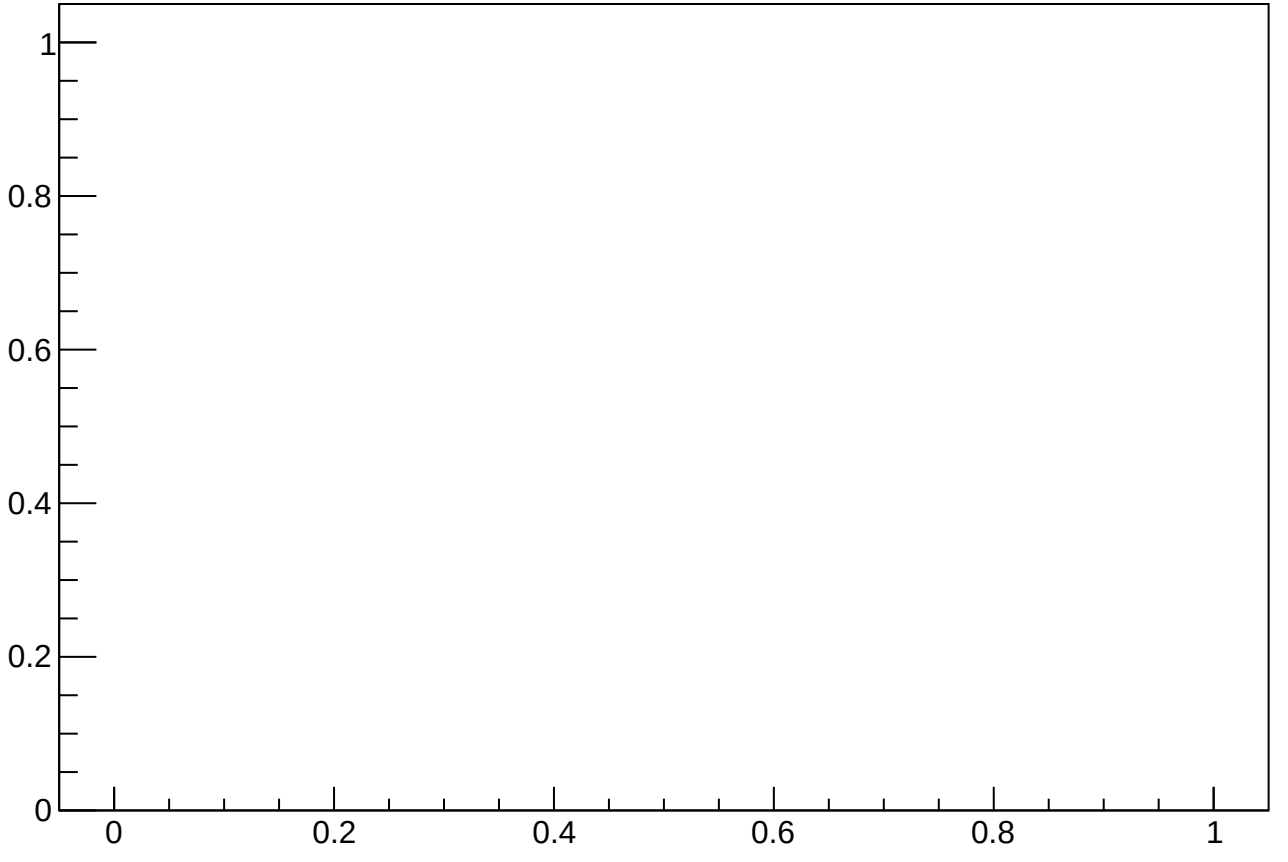
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 55.308+/-0.020 $\chi^2$/NDF: 177266.3/13

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

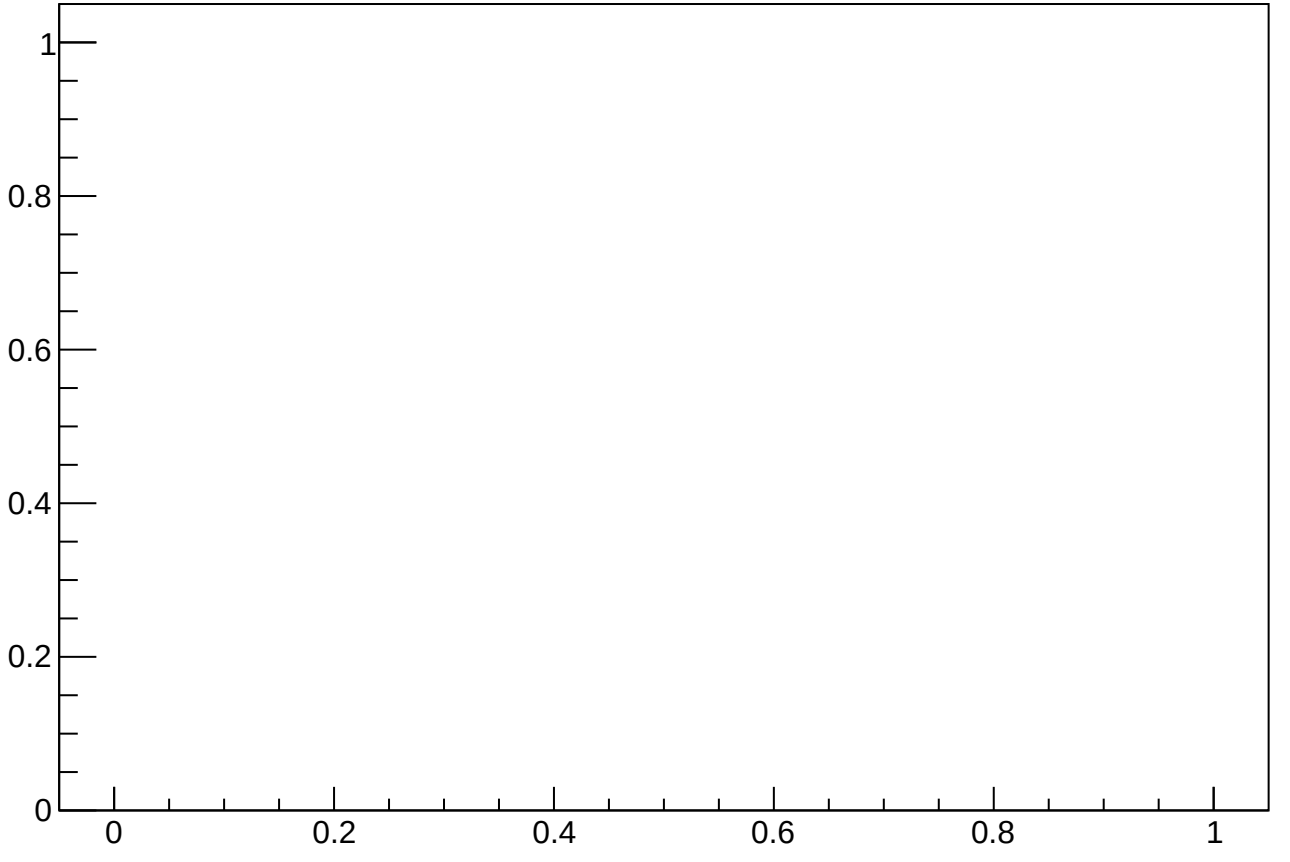
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

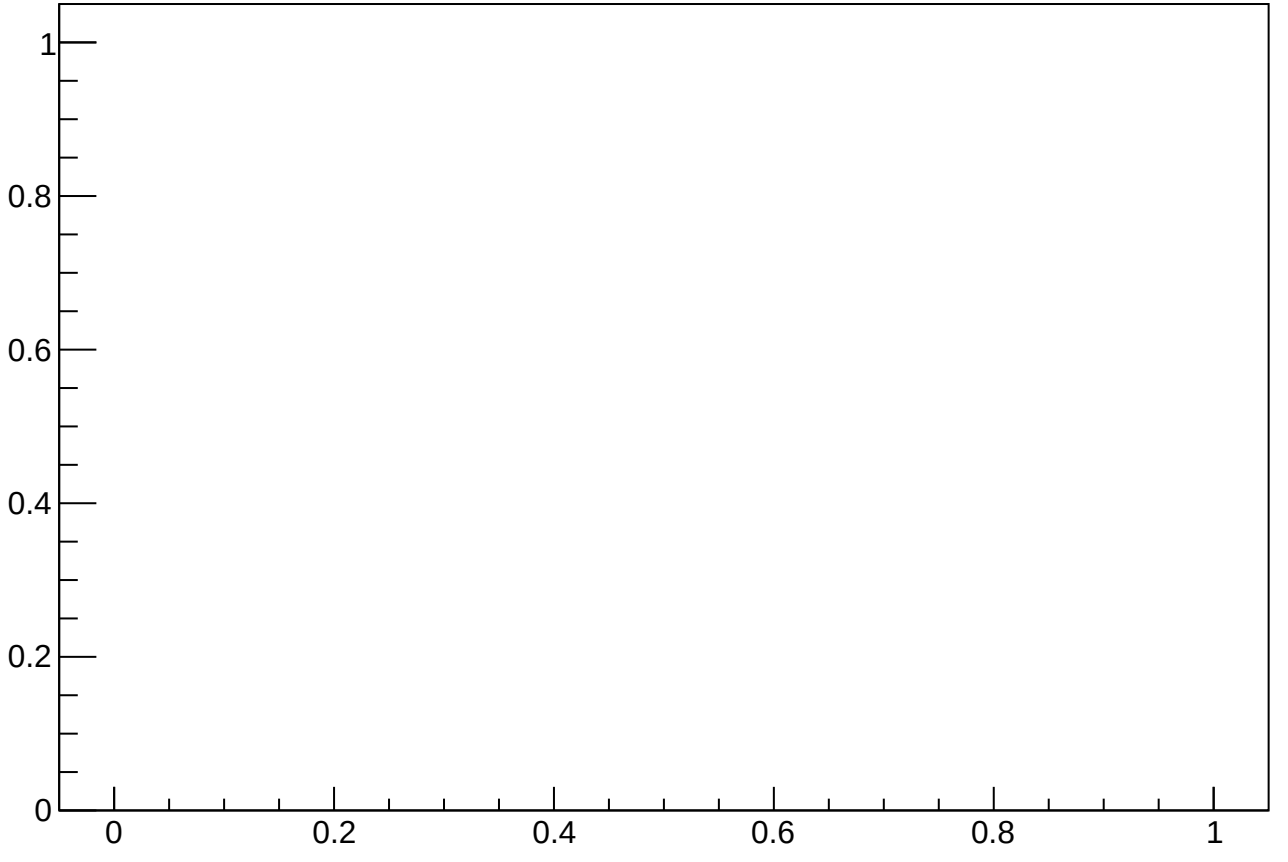
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

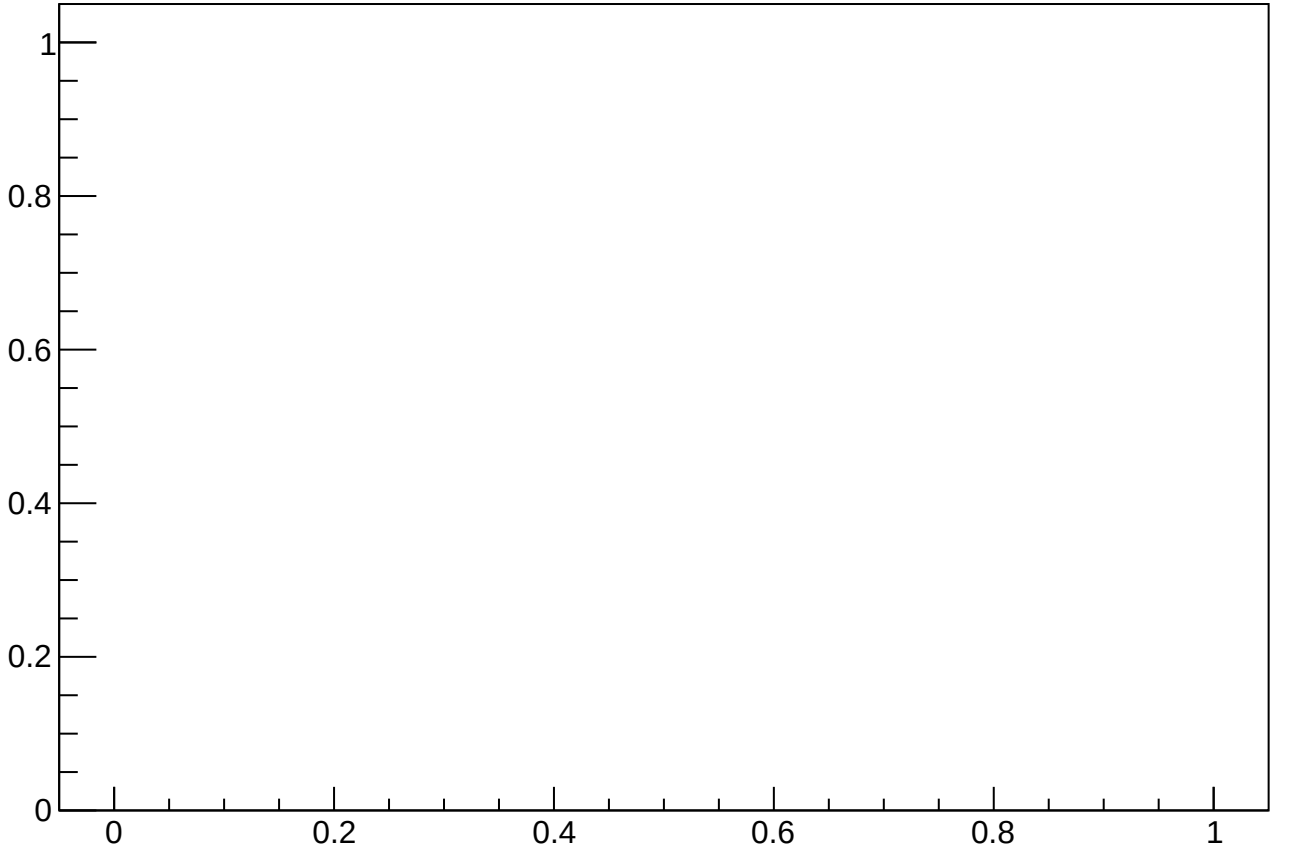
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

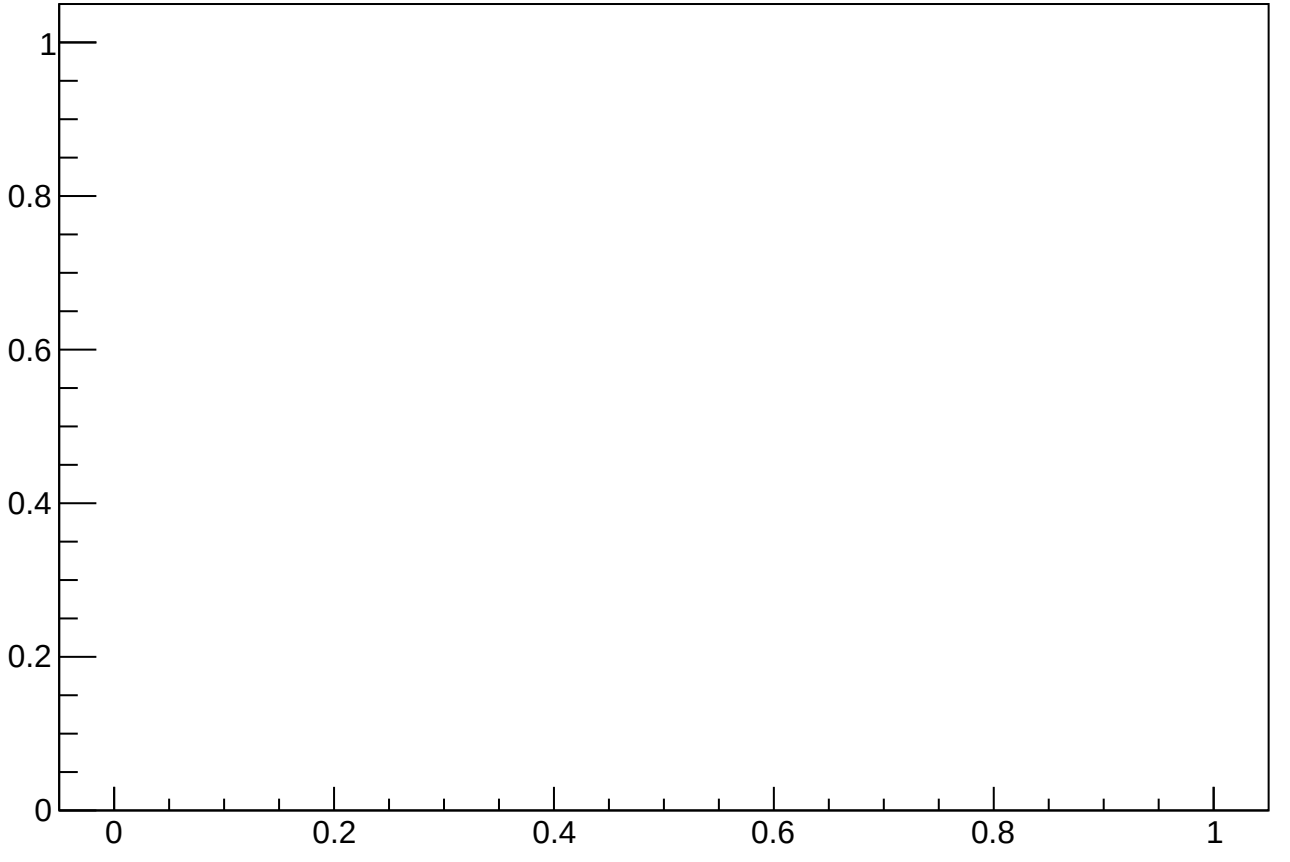
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

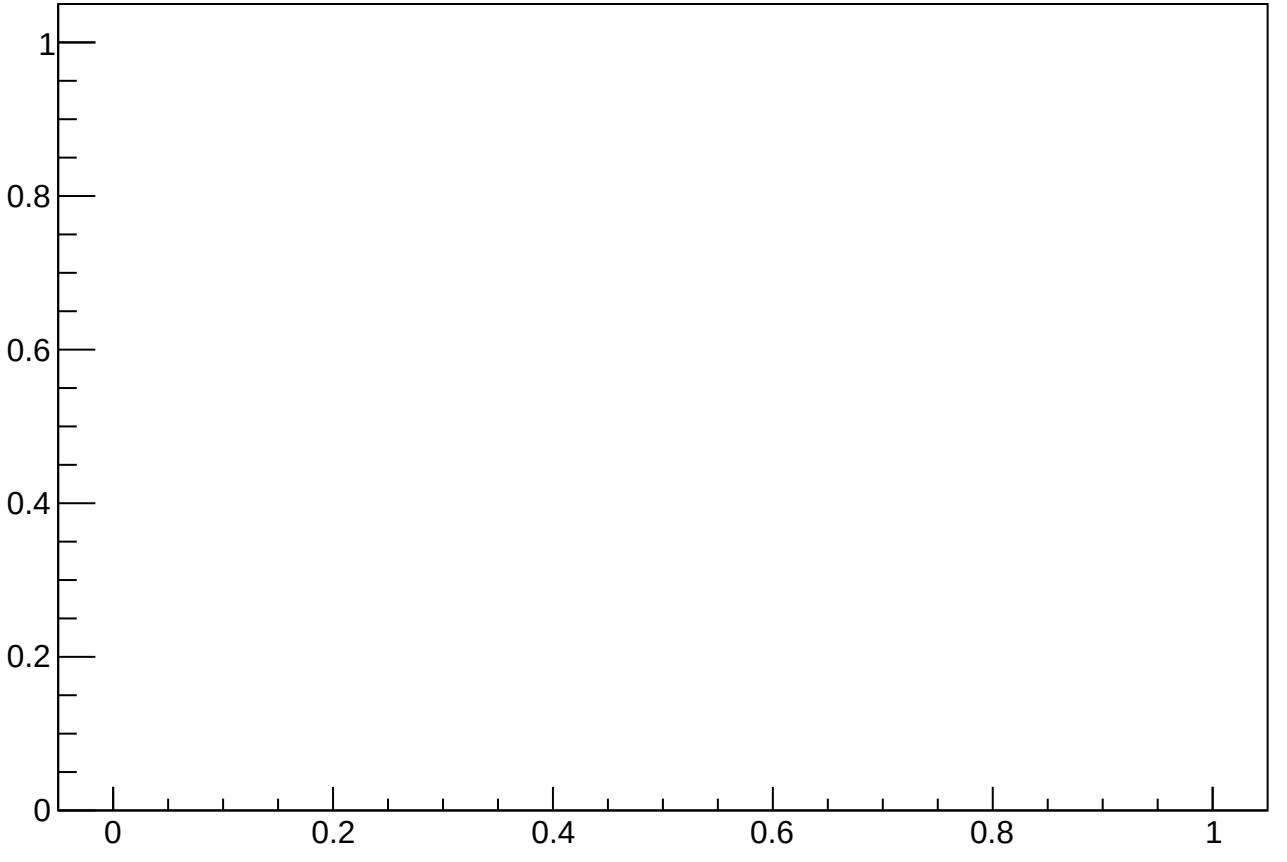
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

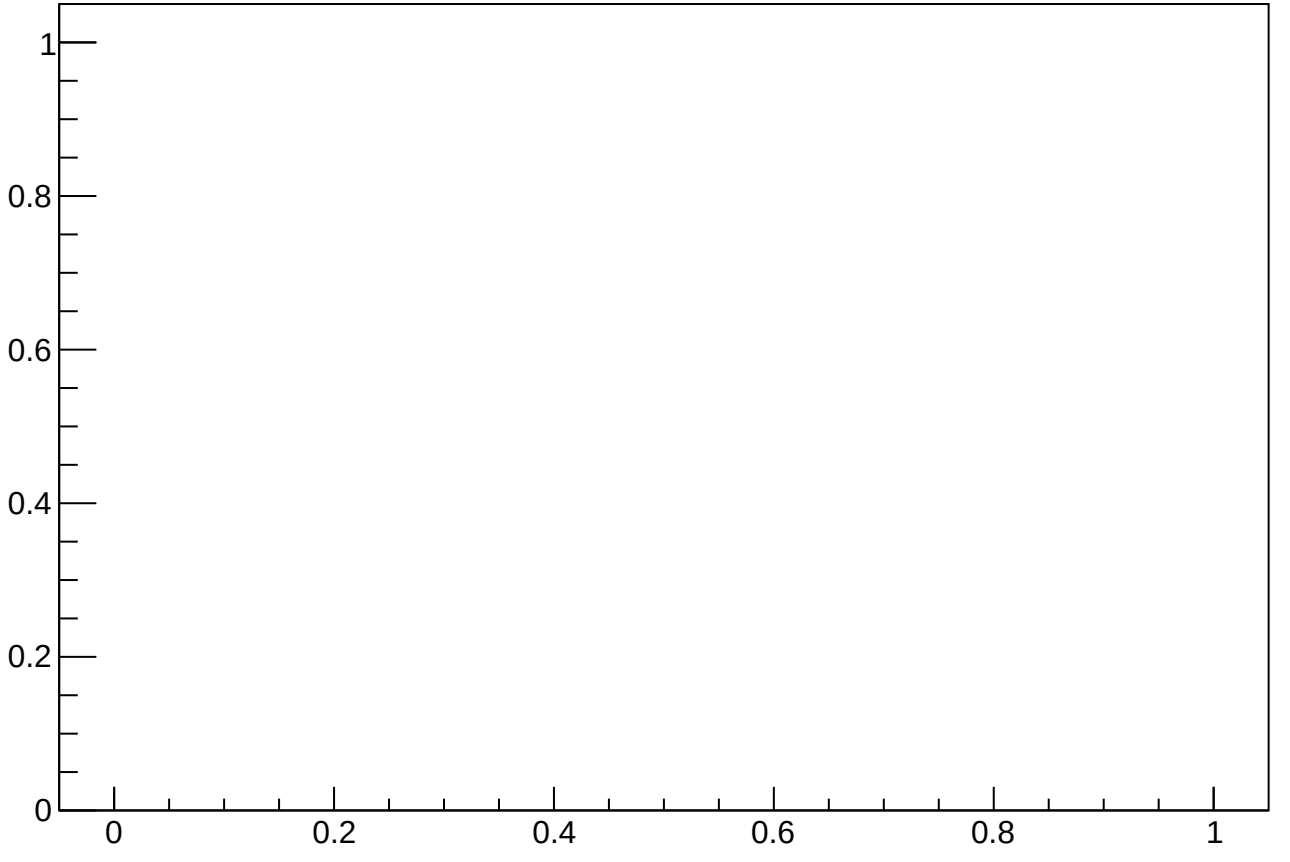
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

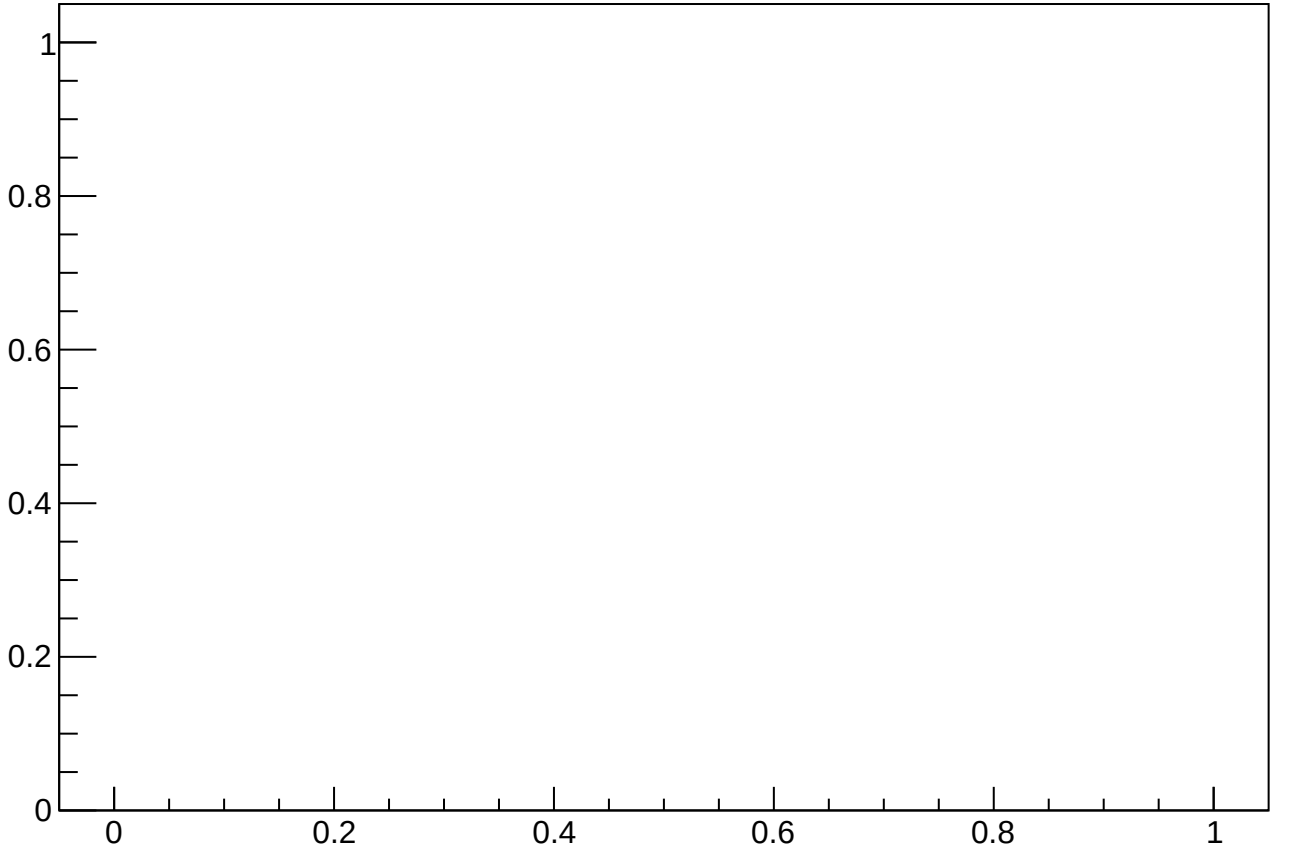
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

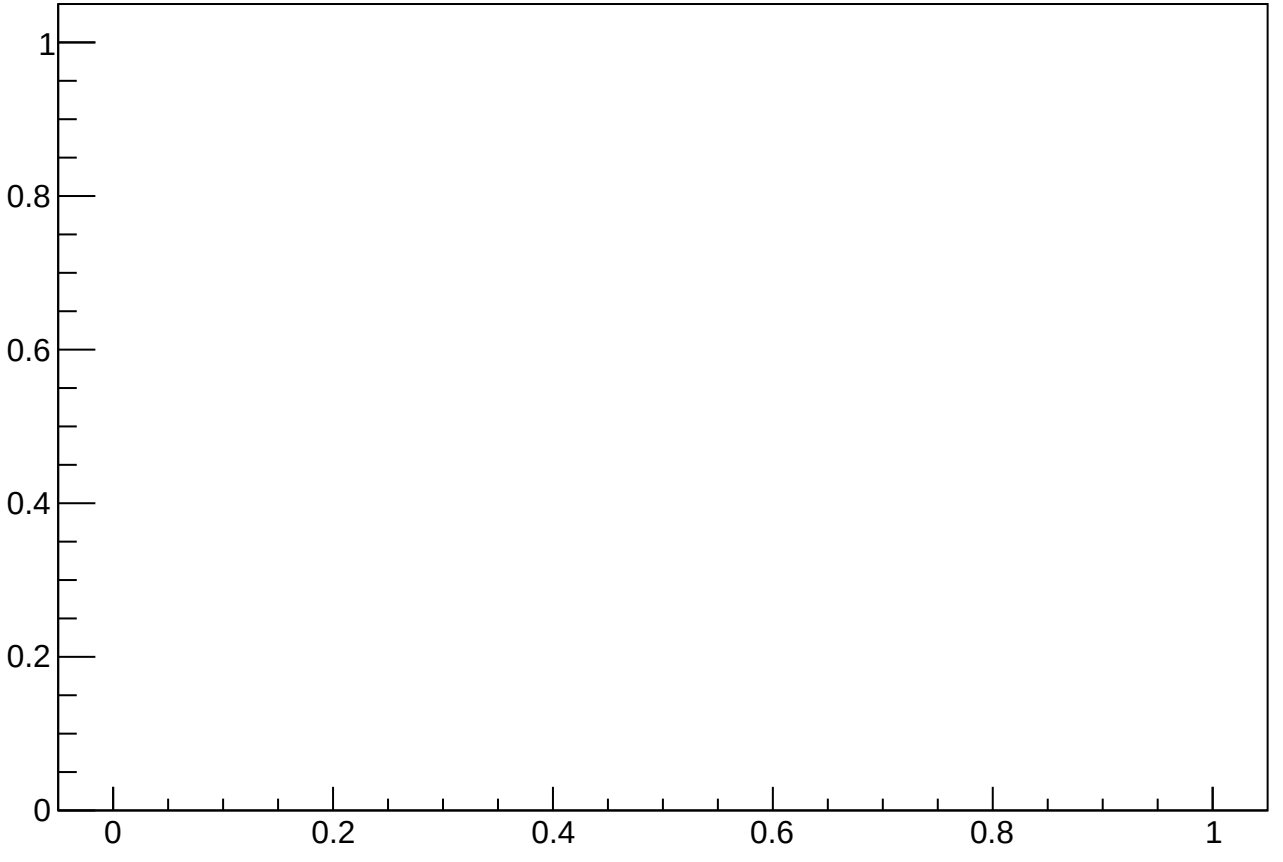
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

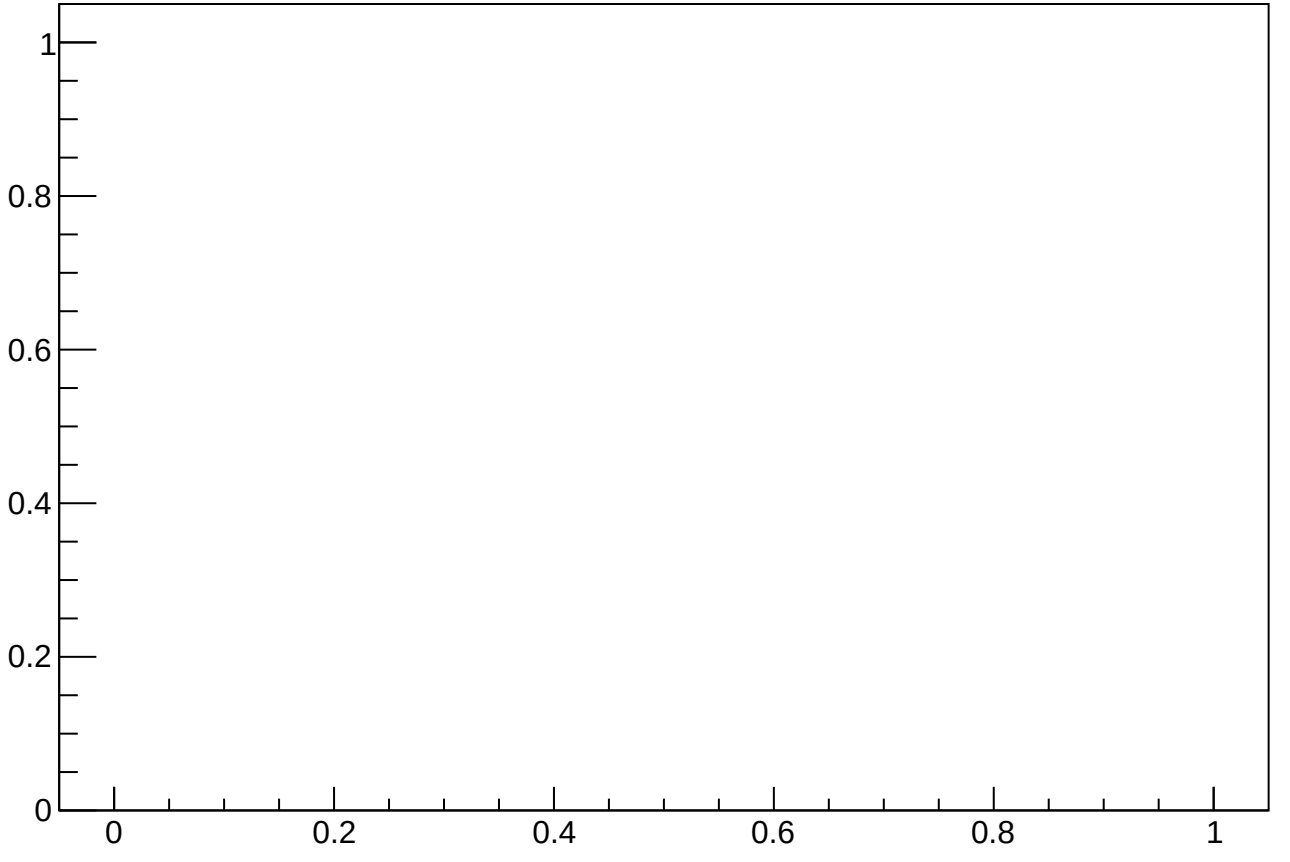
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

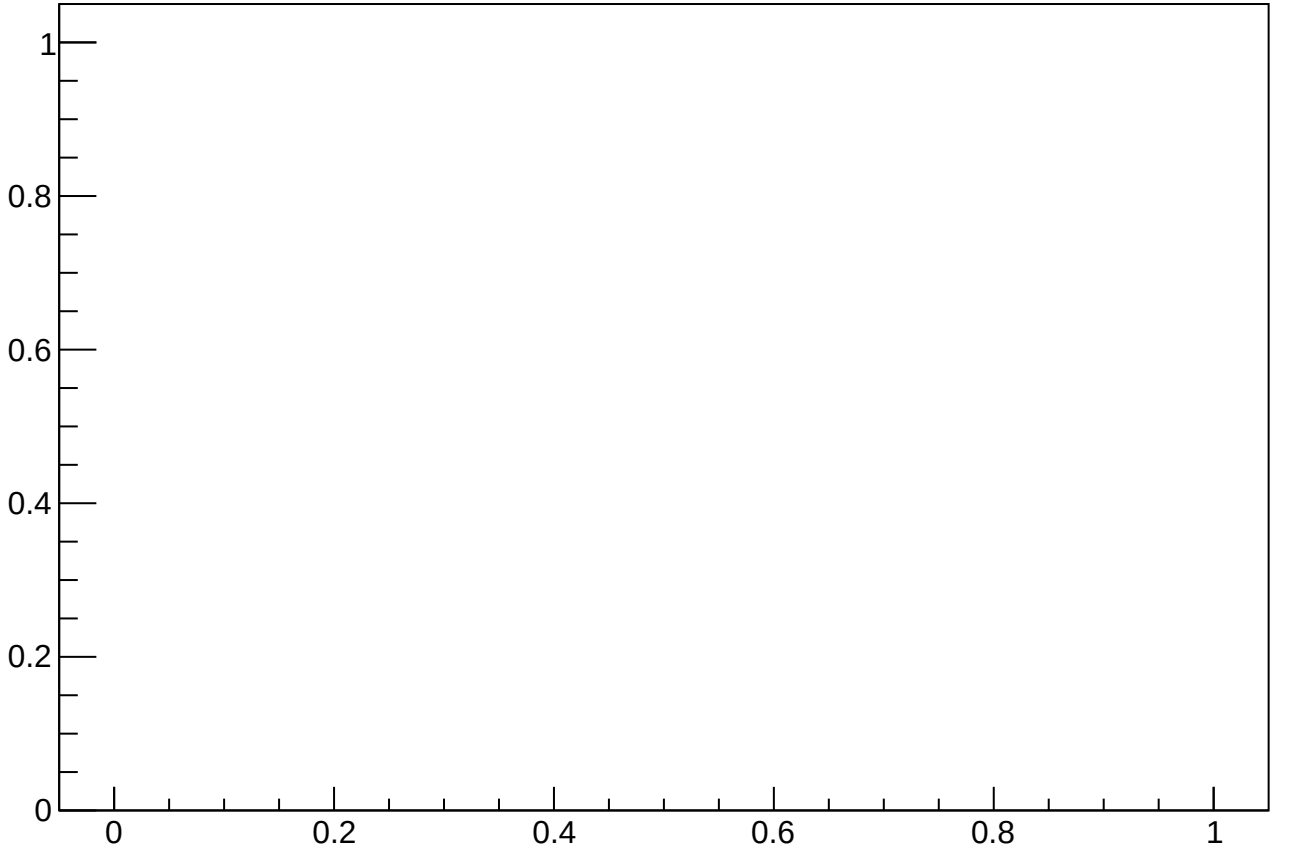
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

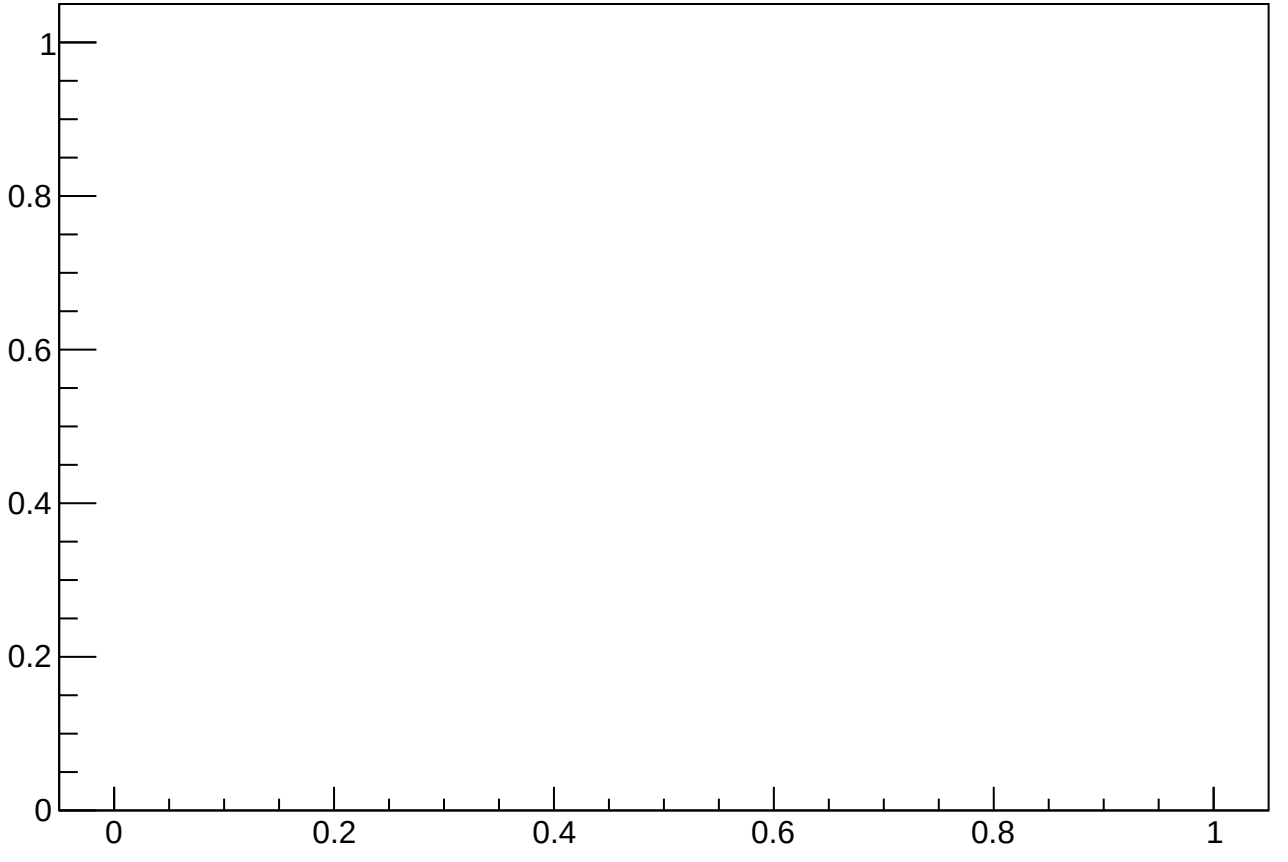
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

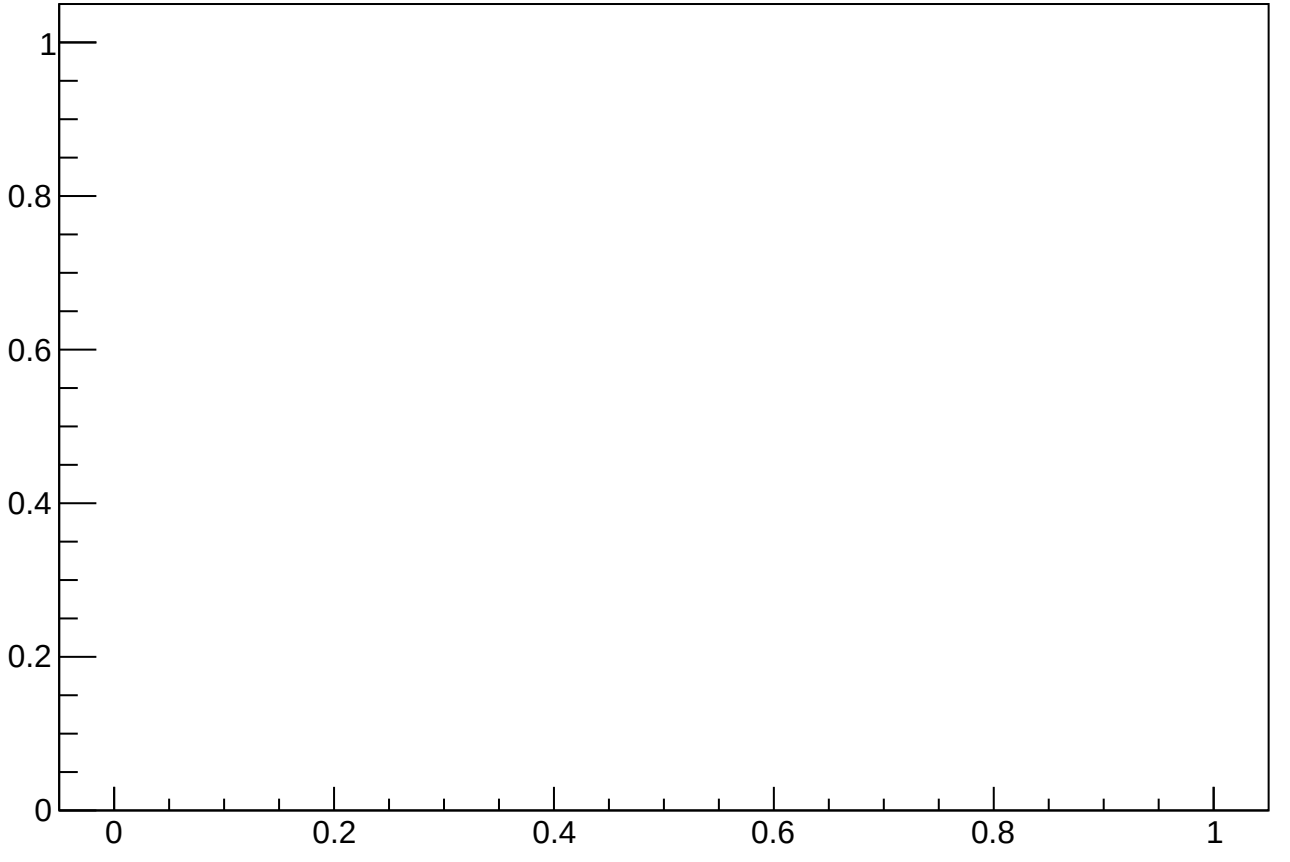
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

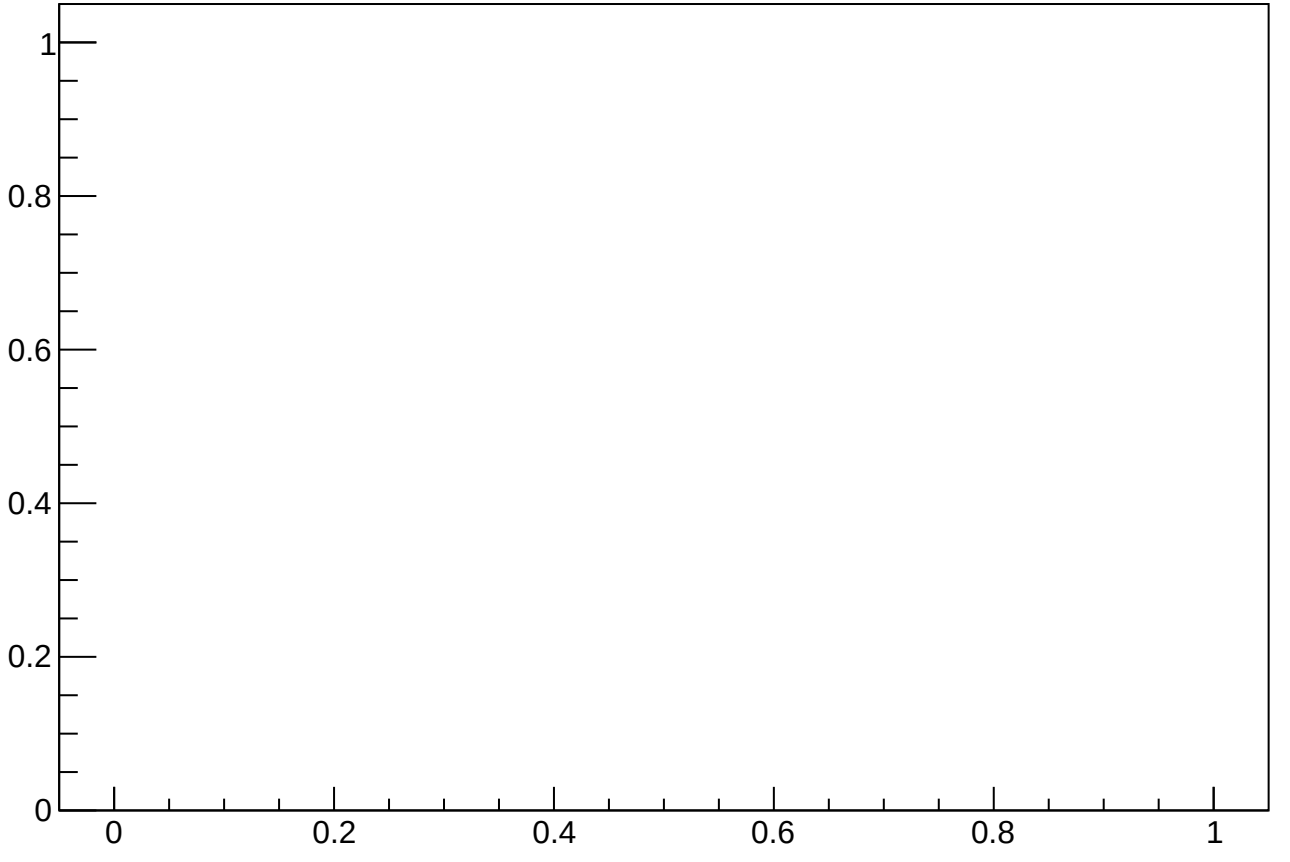
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

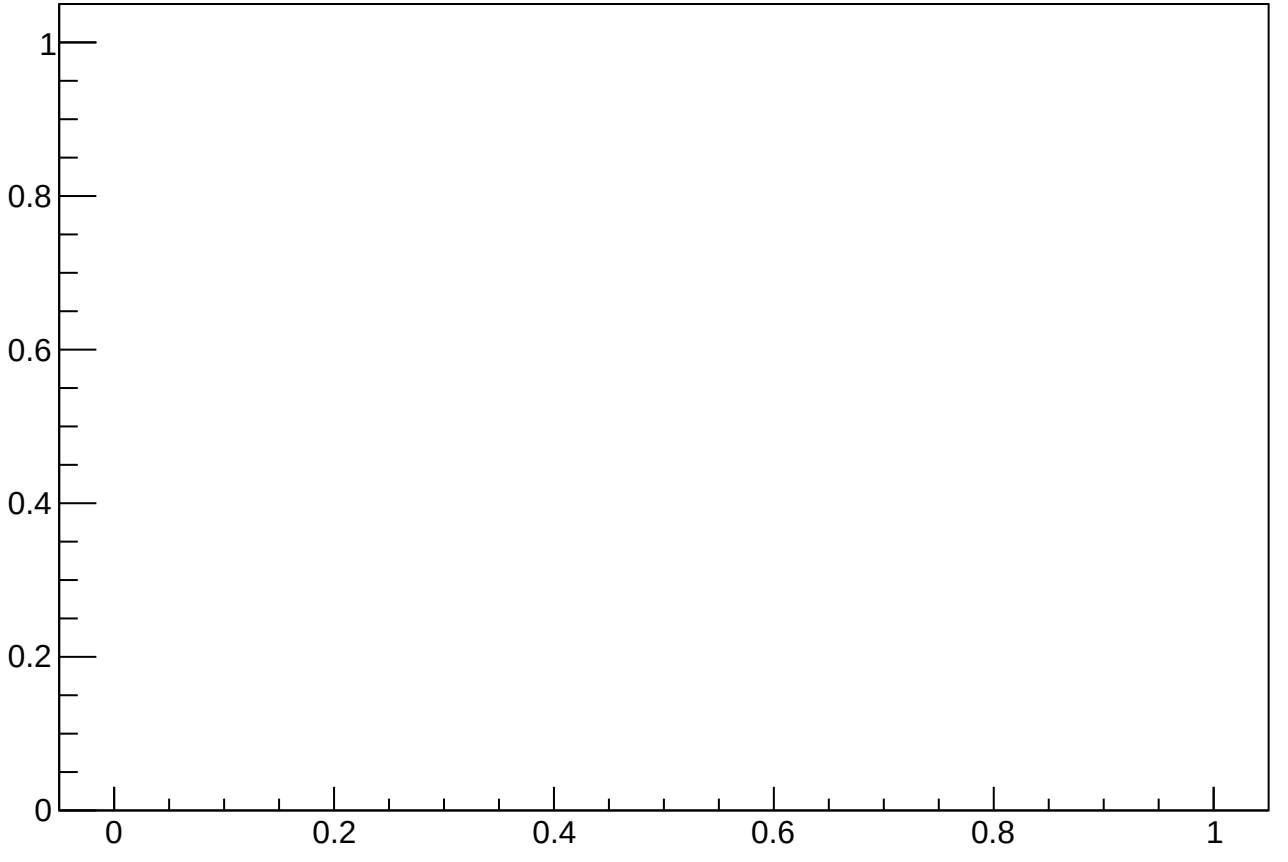
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

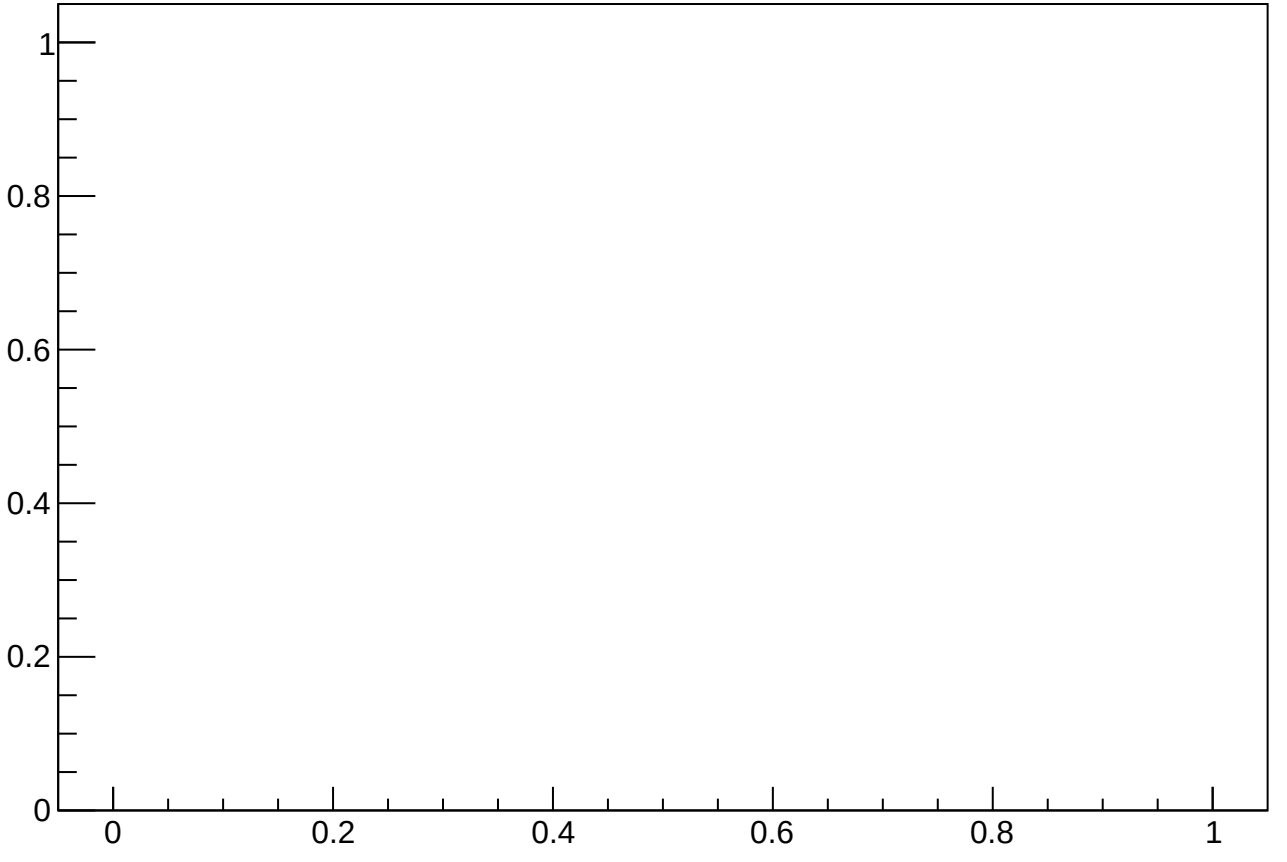
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

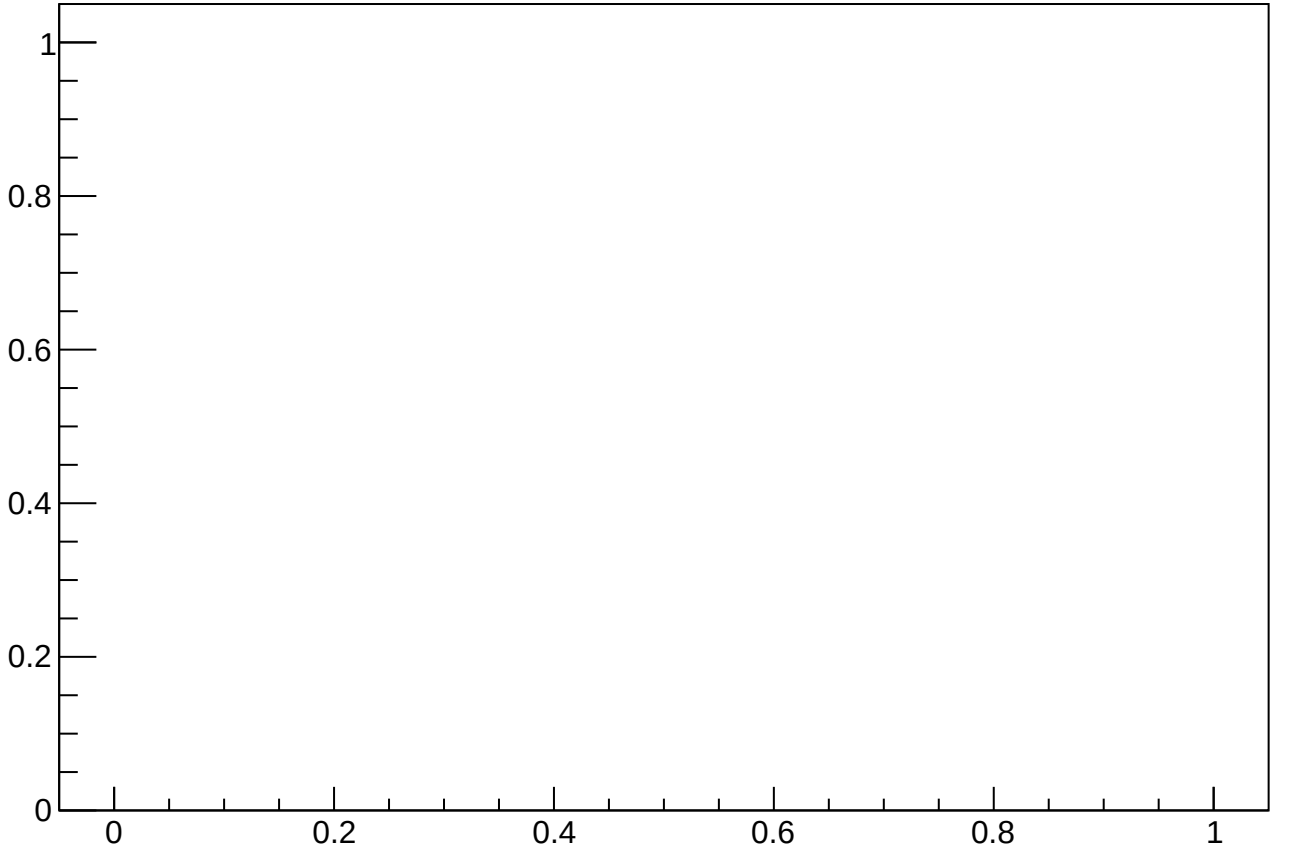
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

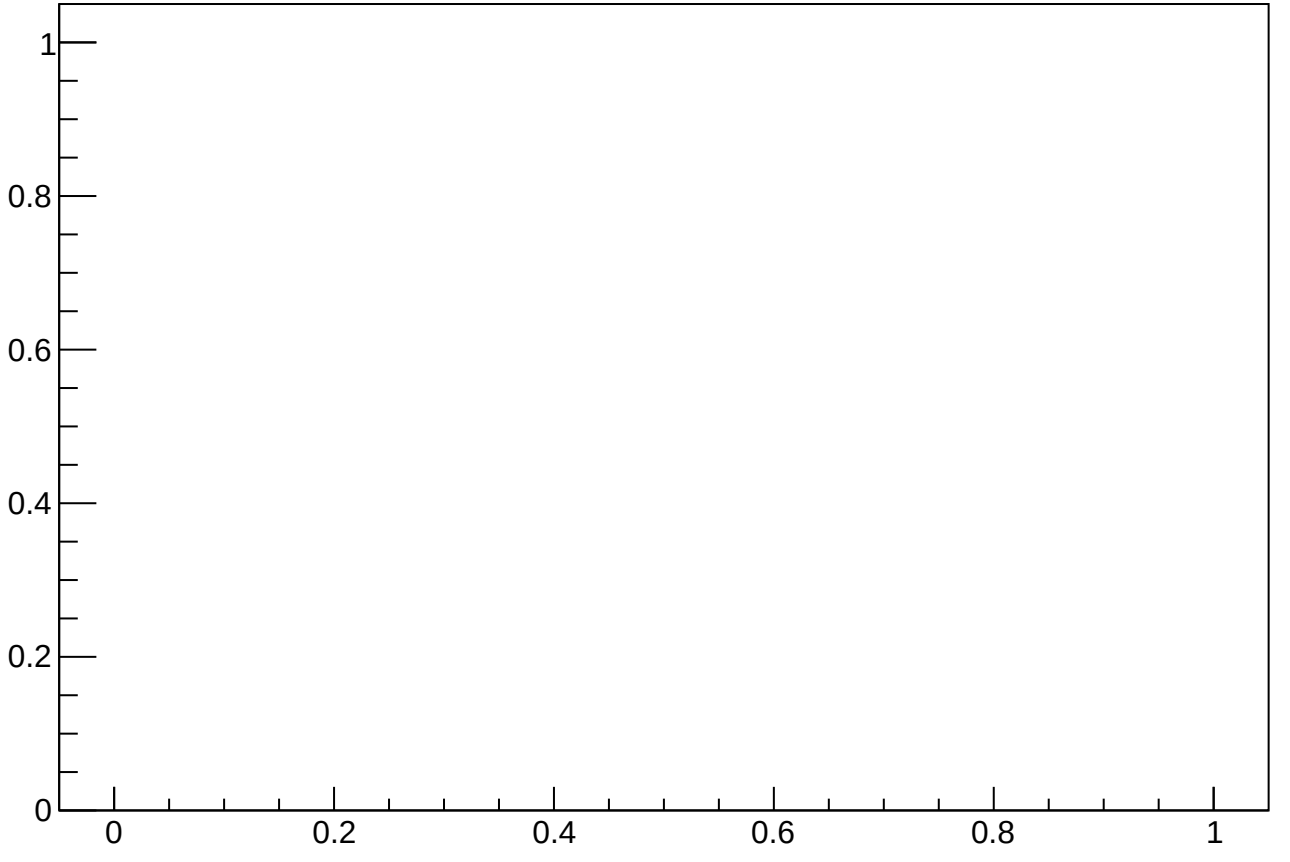
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

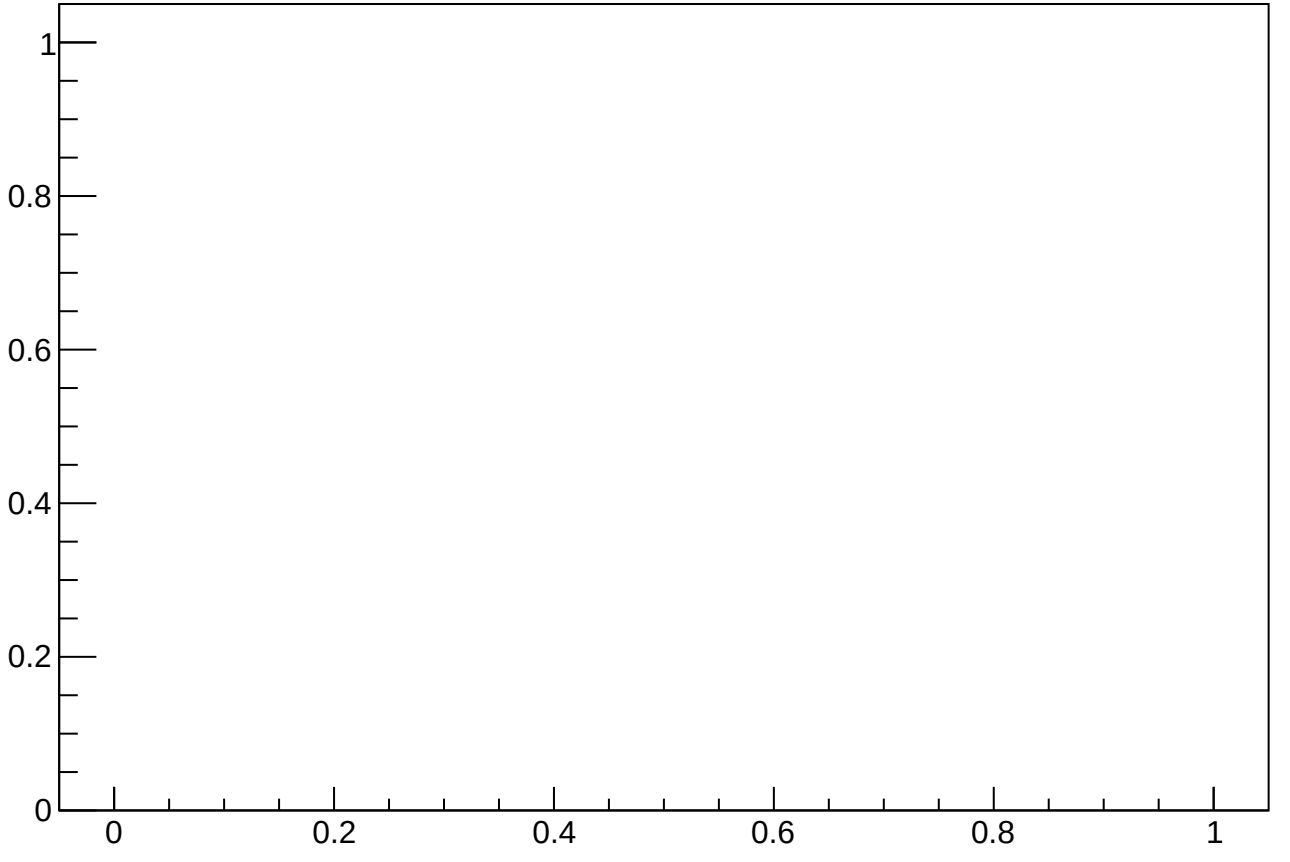
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

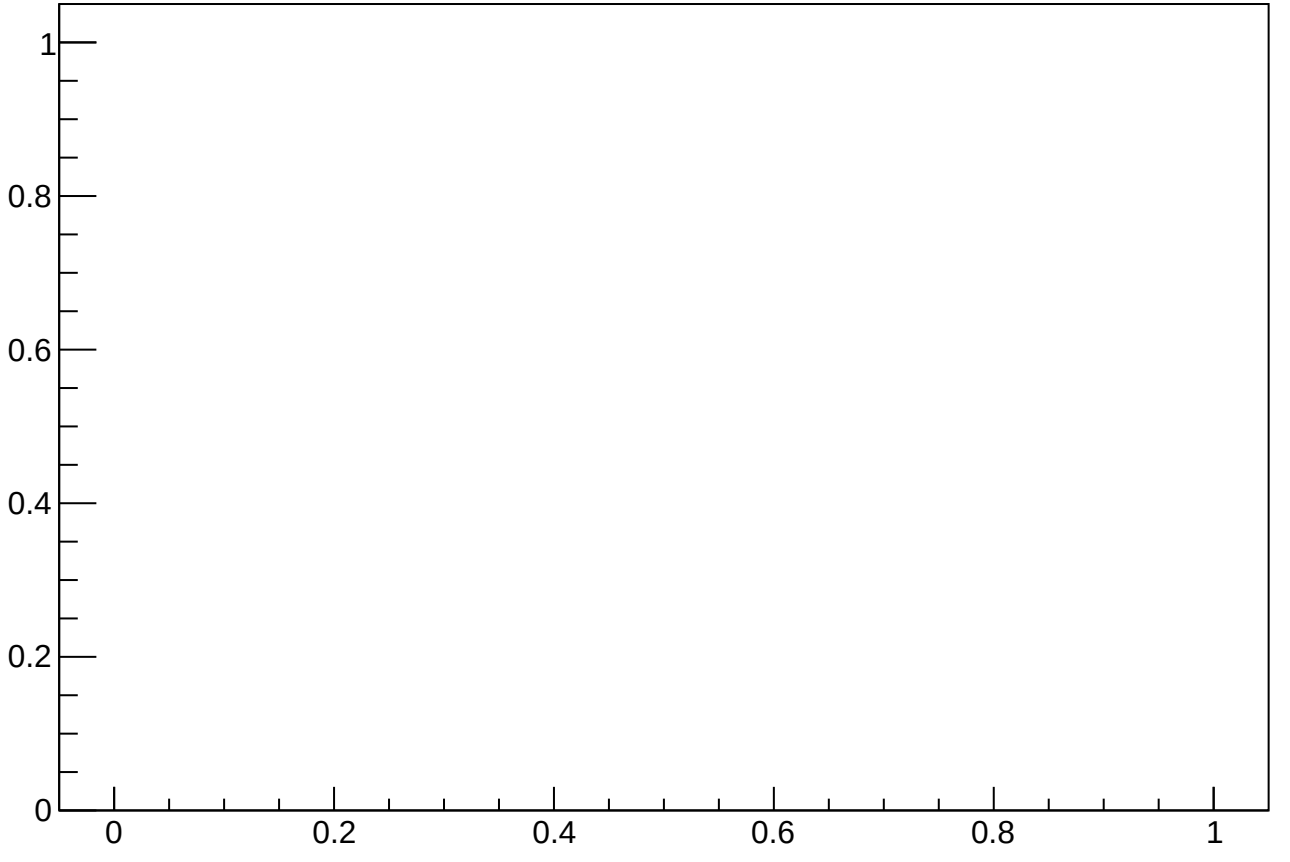
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

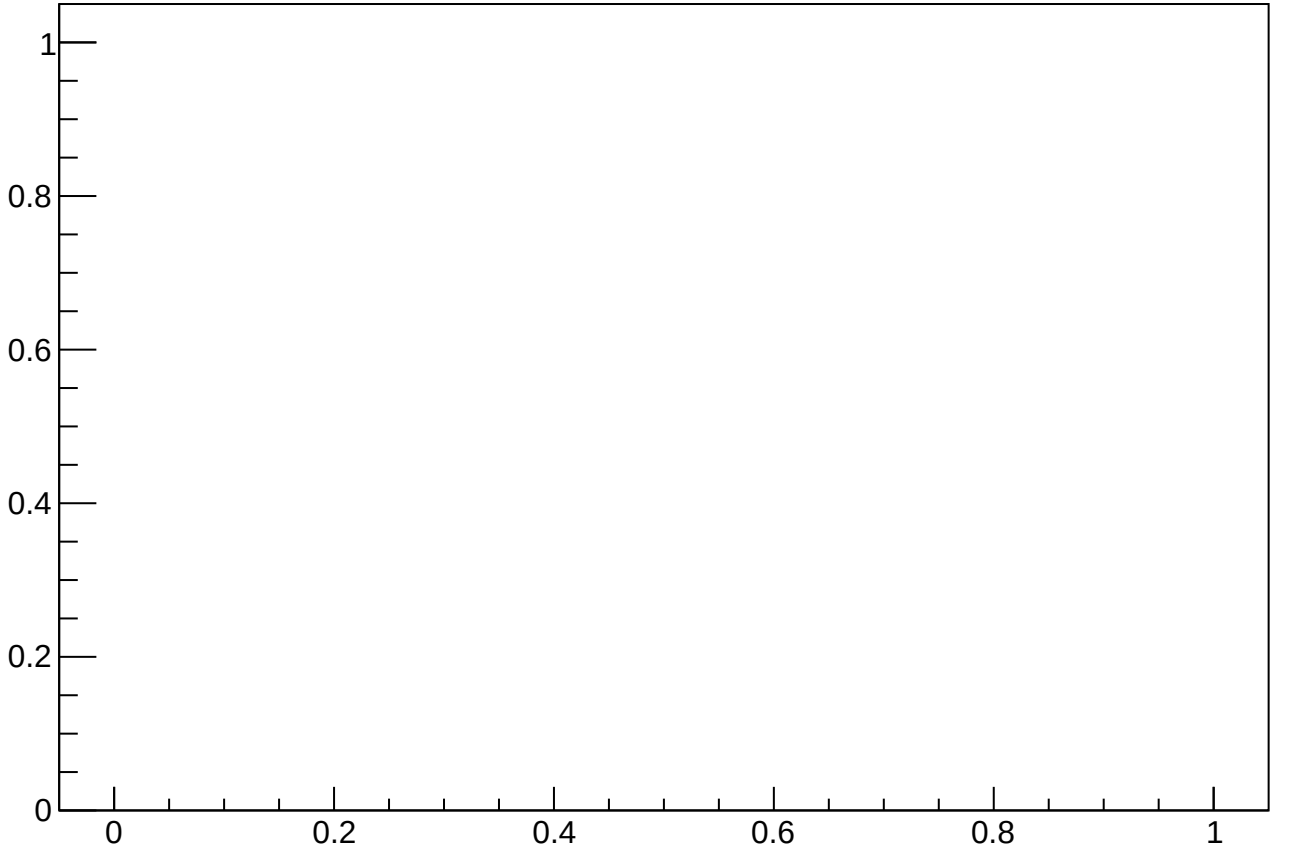
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

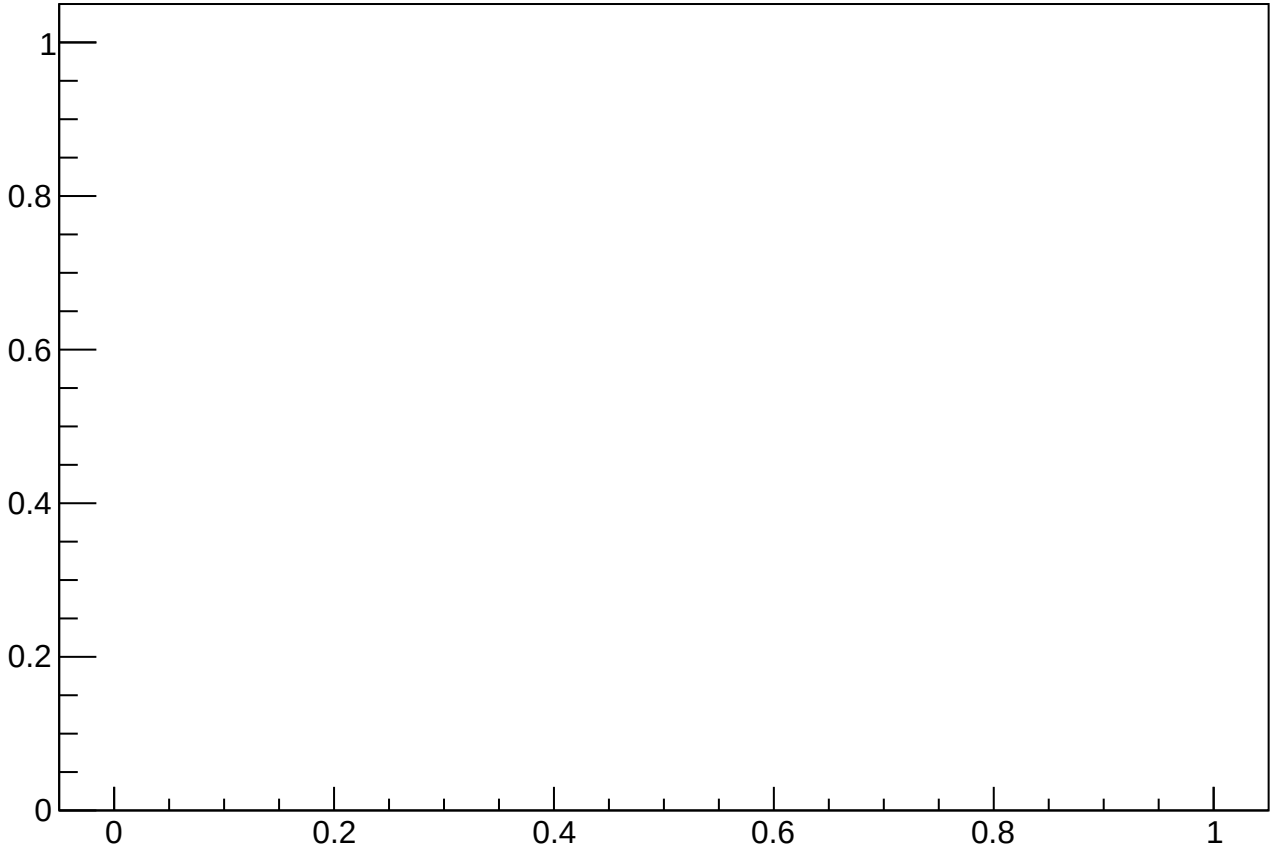
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

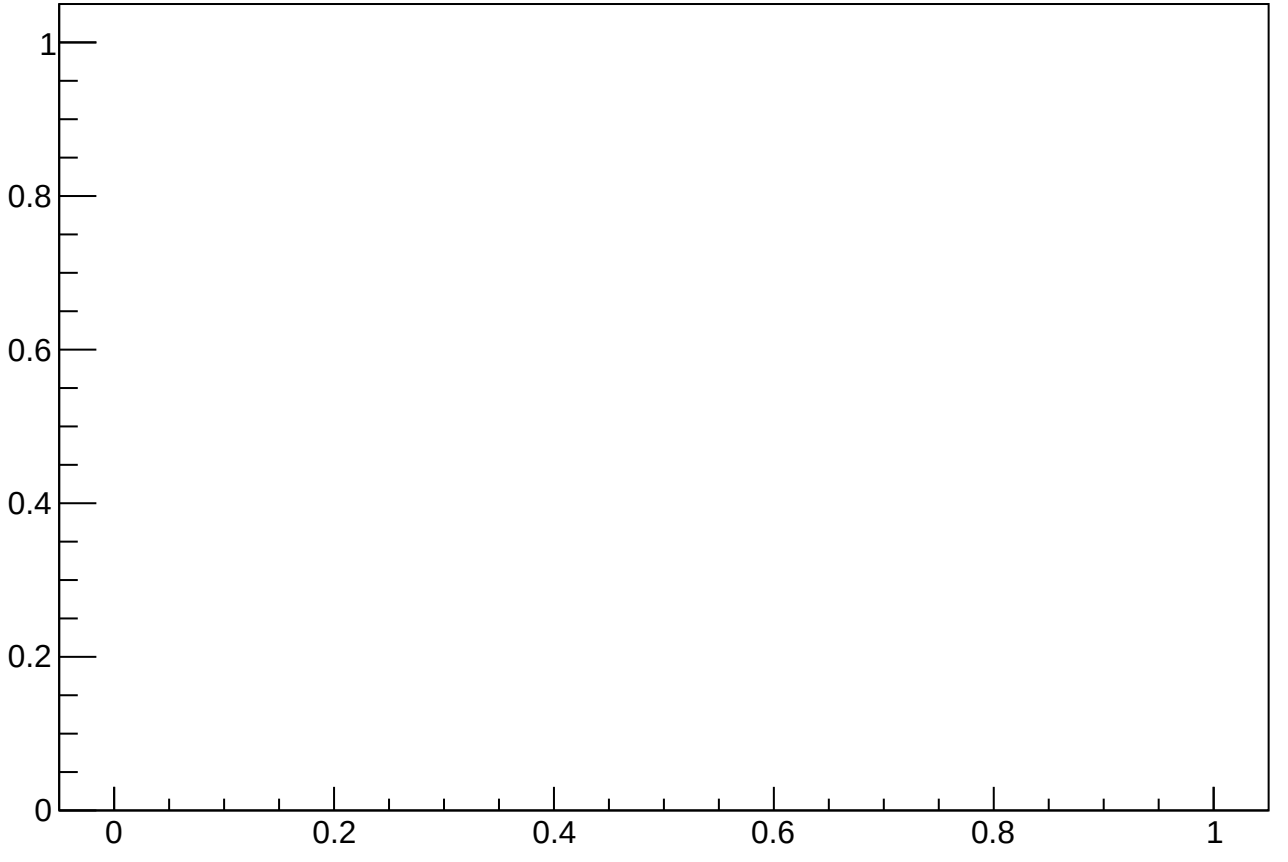
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

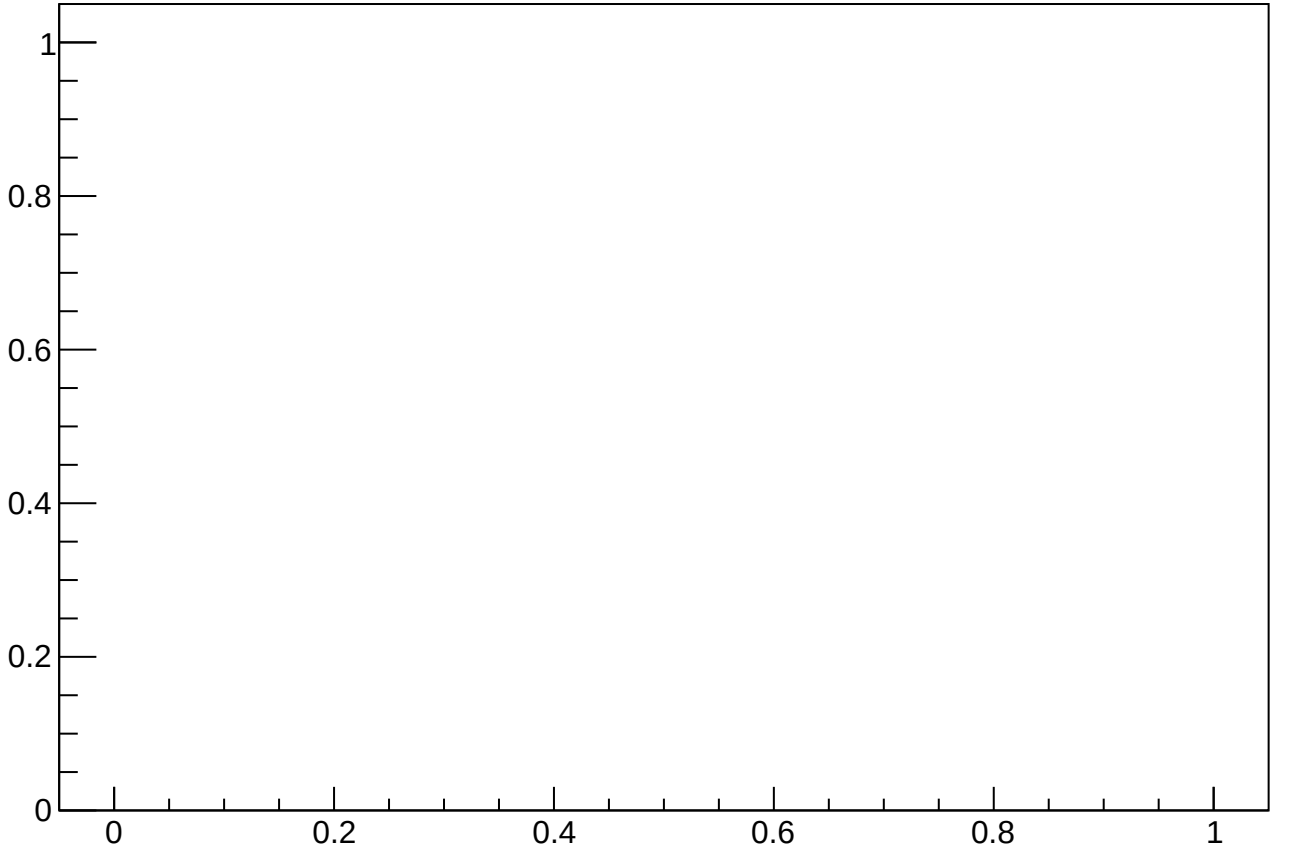
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

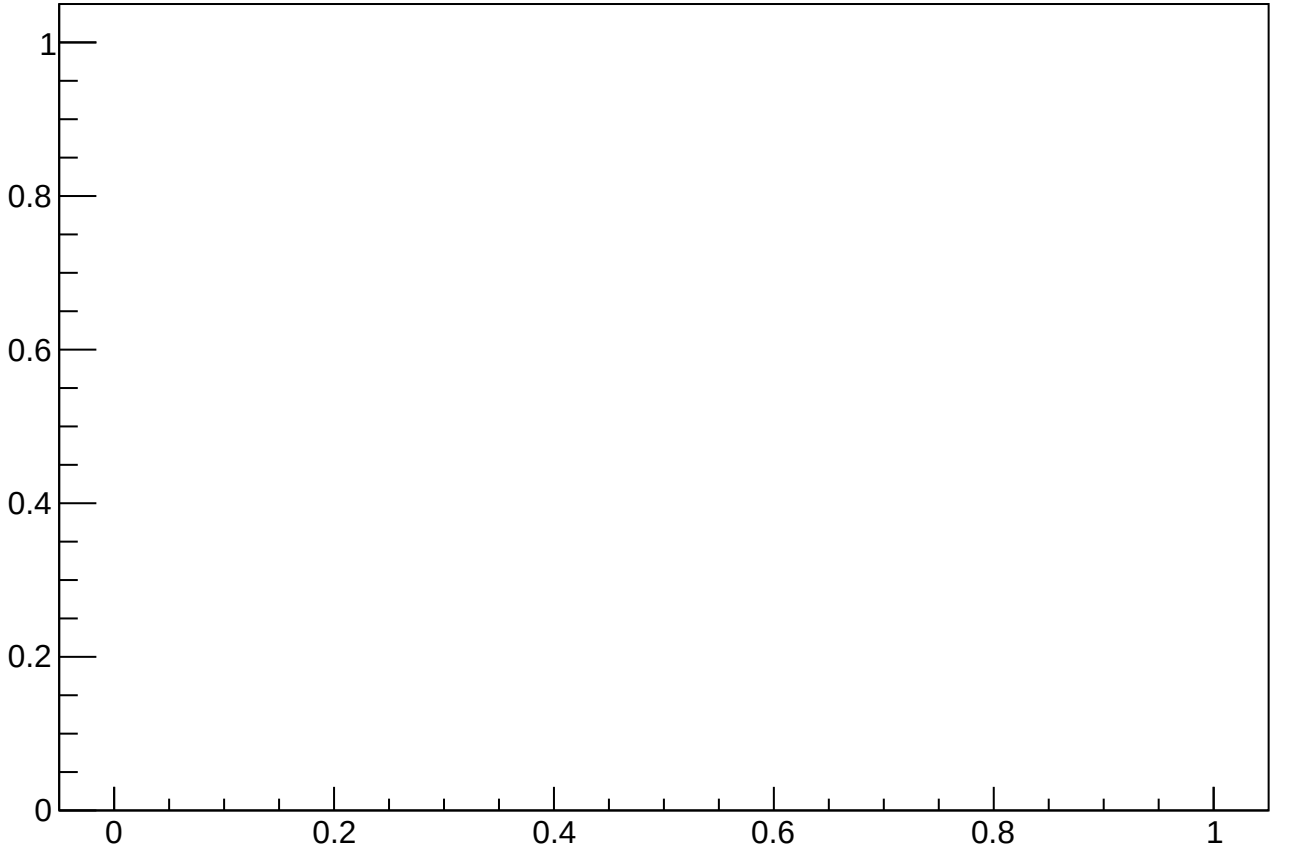
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

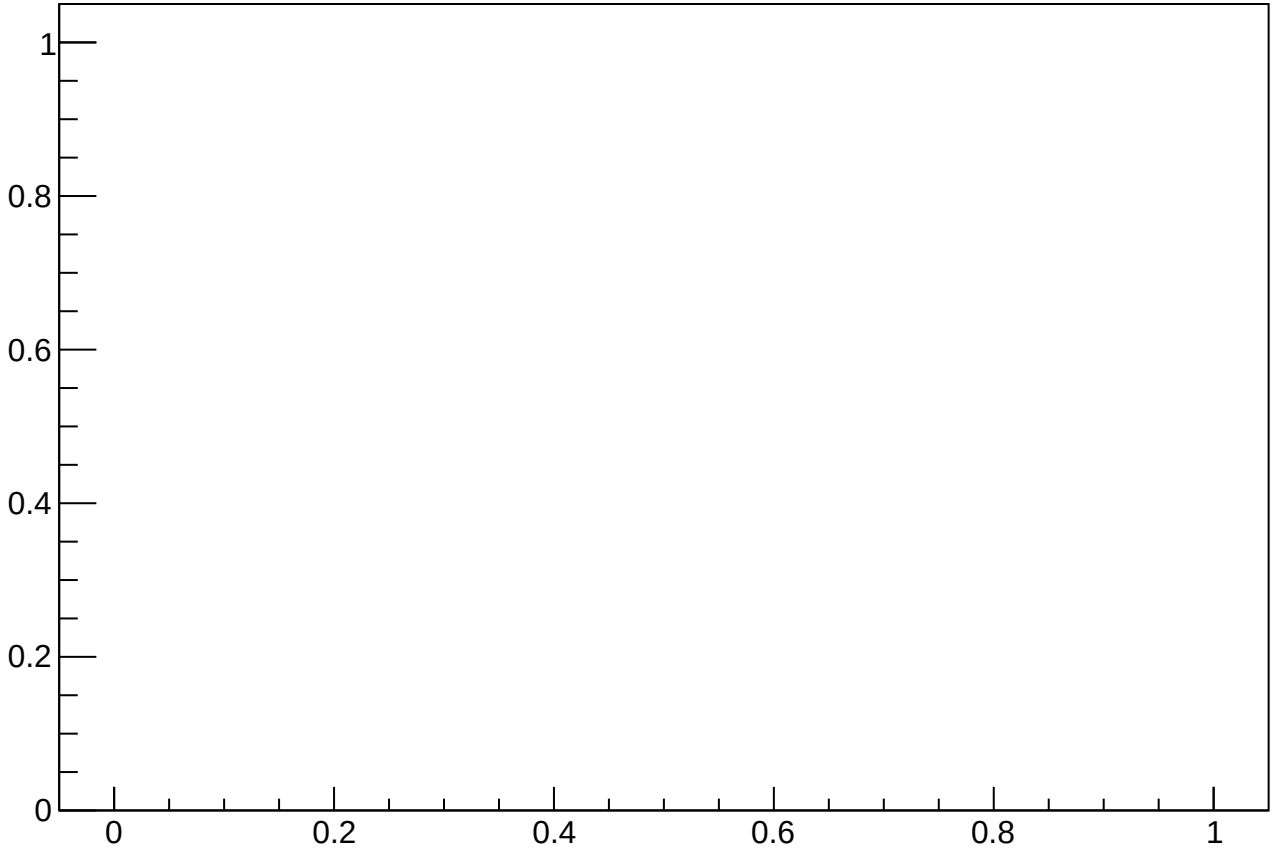
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

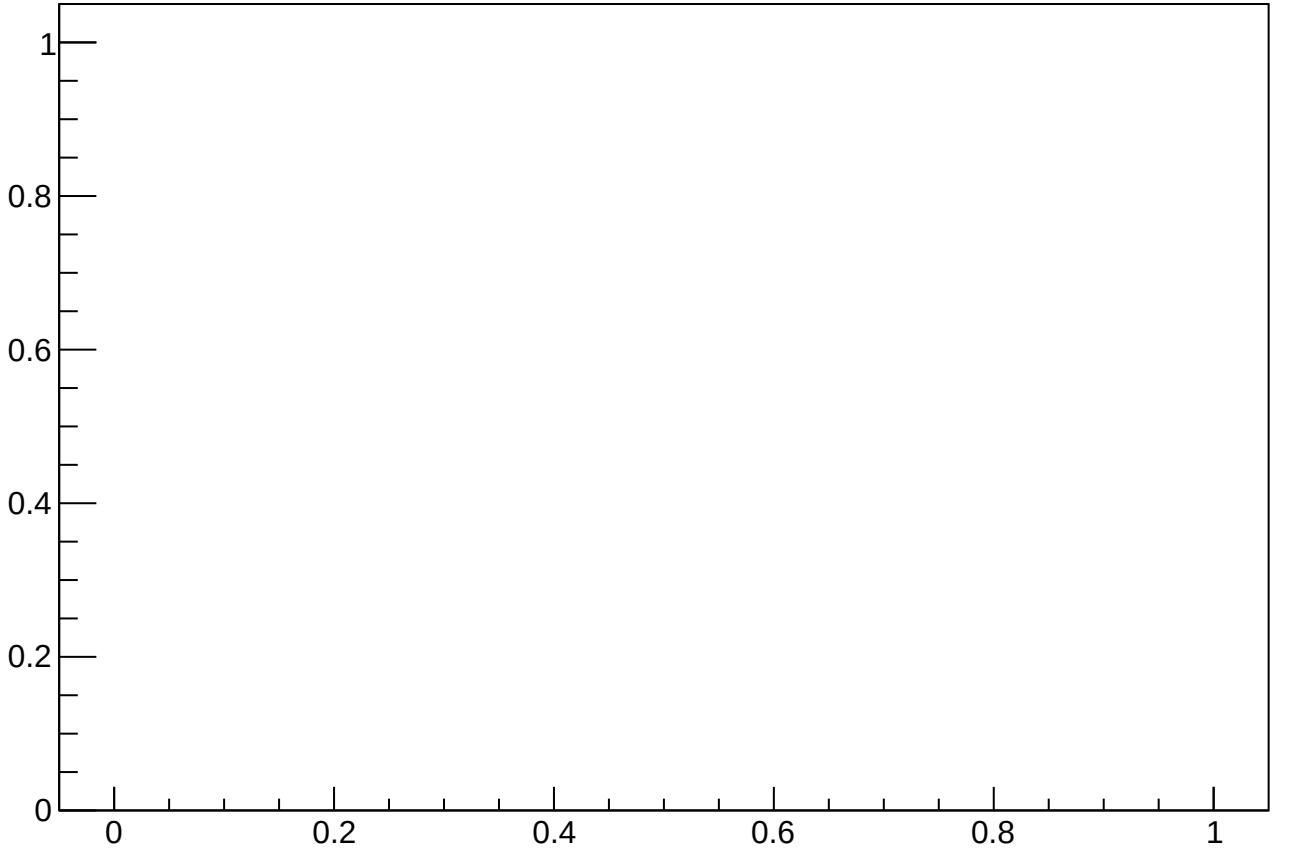
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

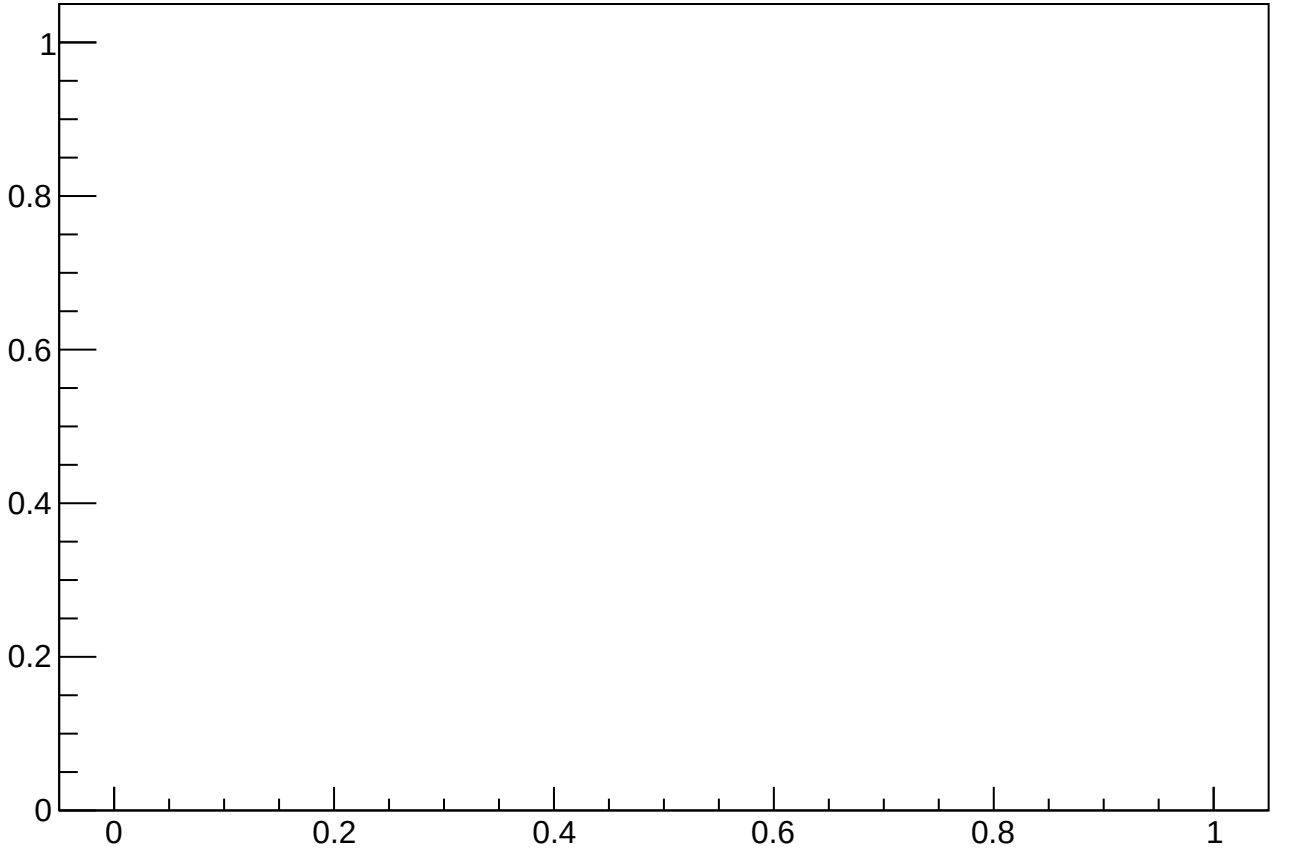
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

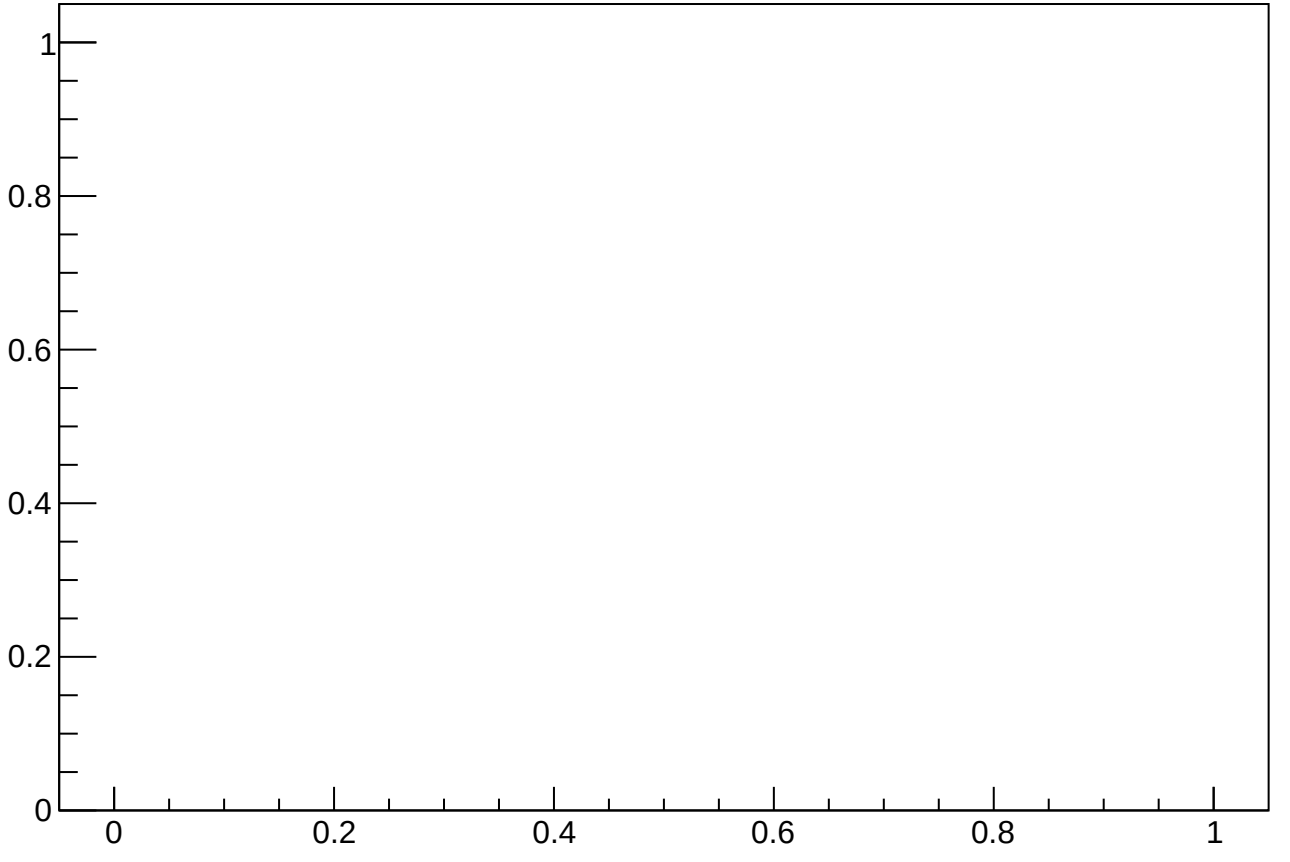
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

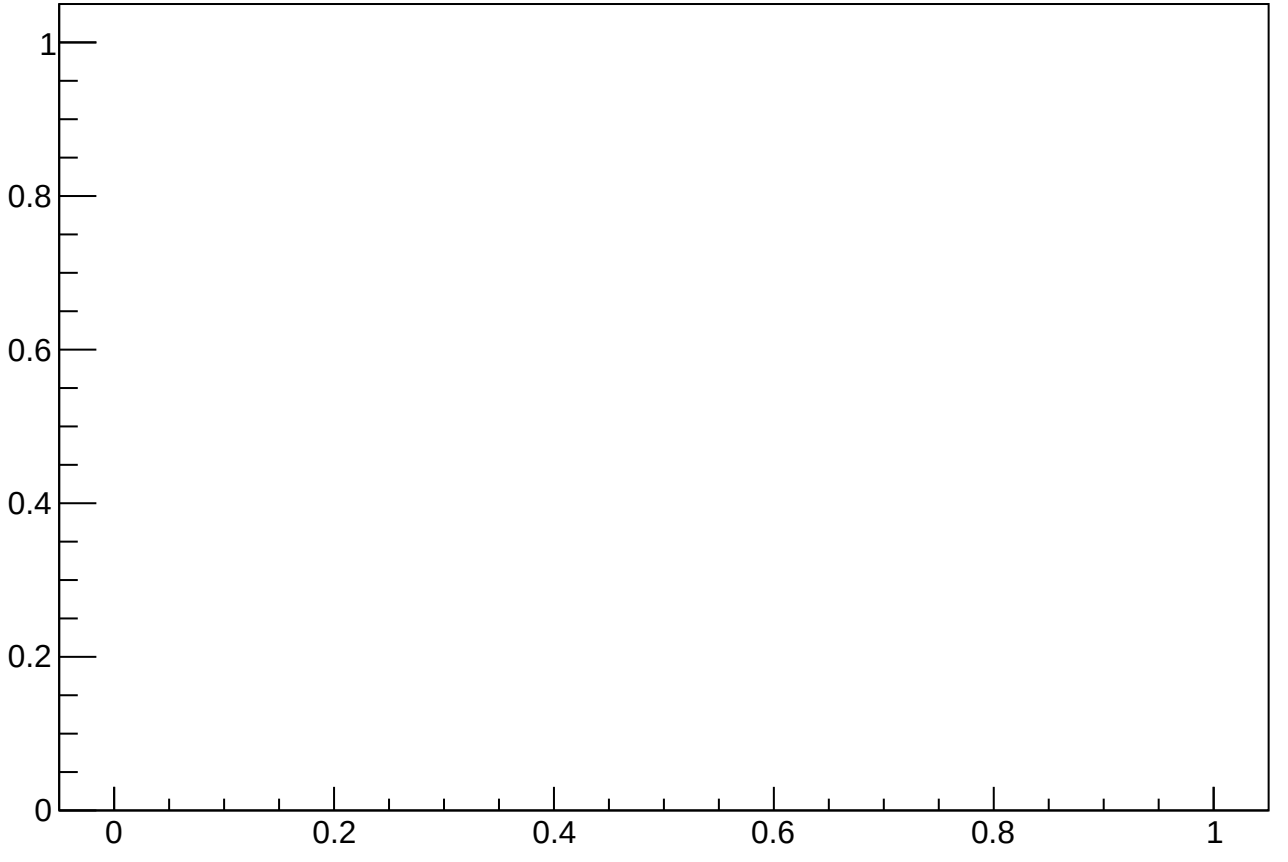
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

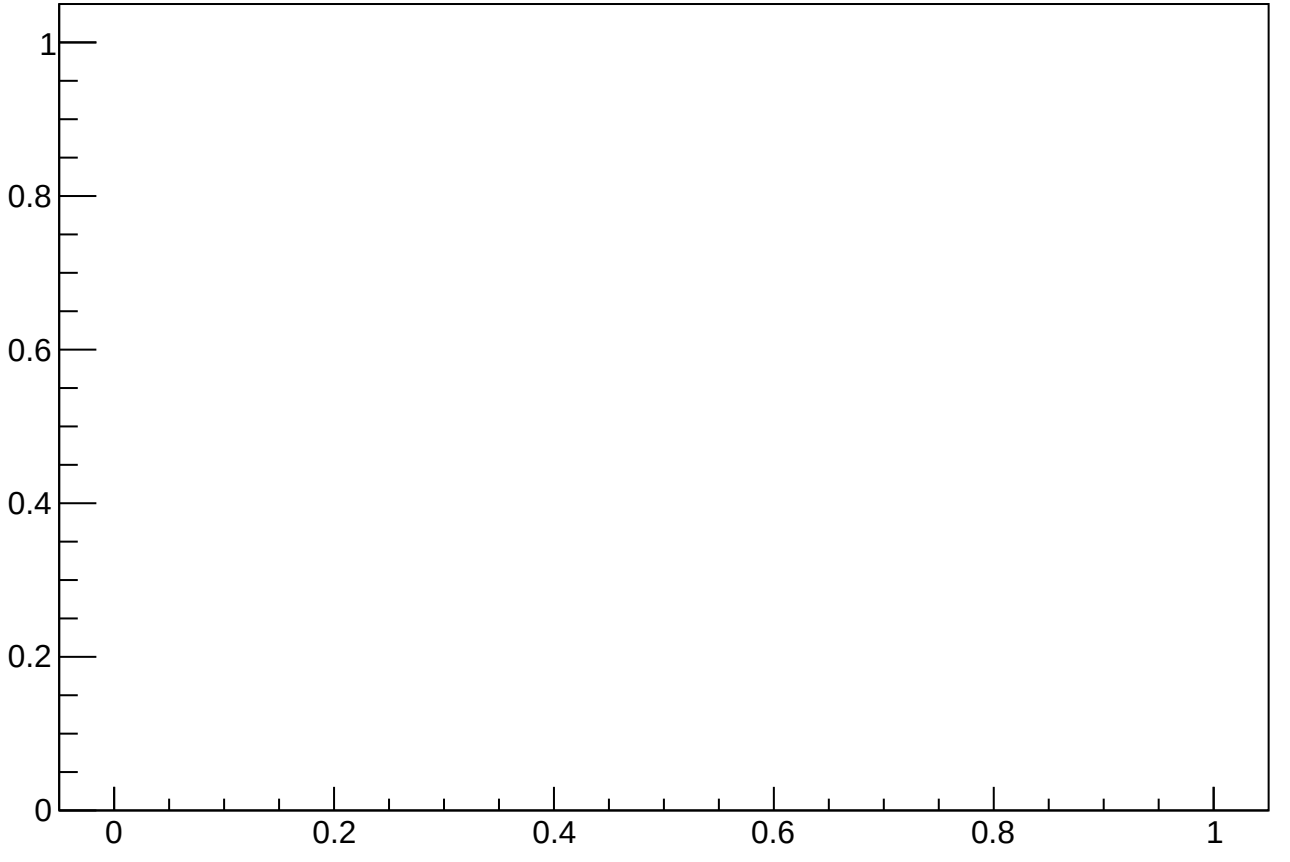
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

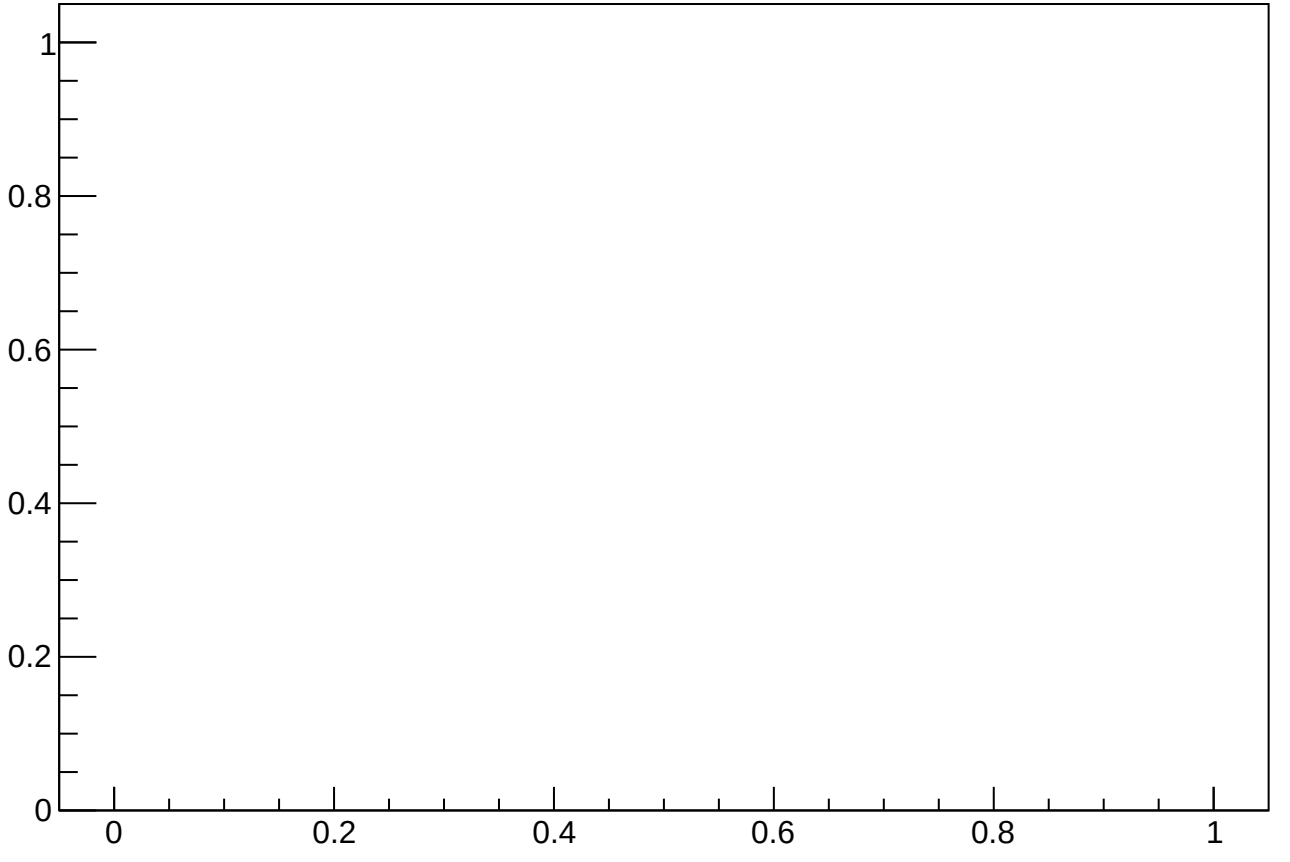
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

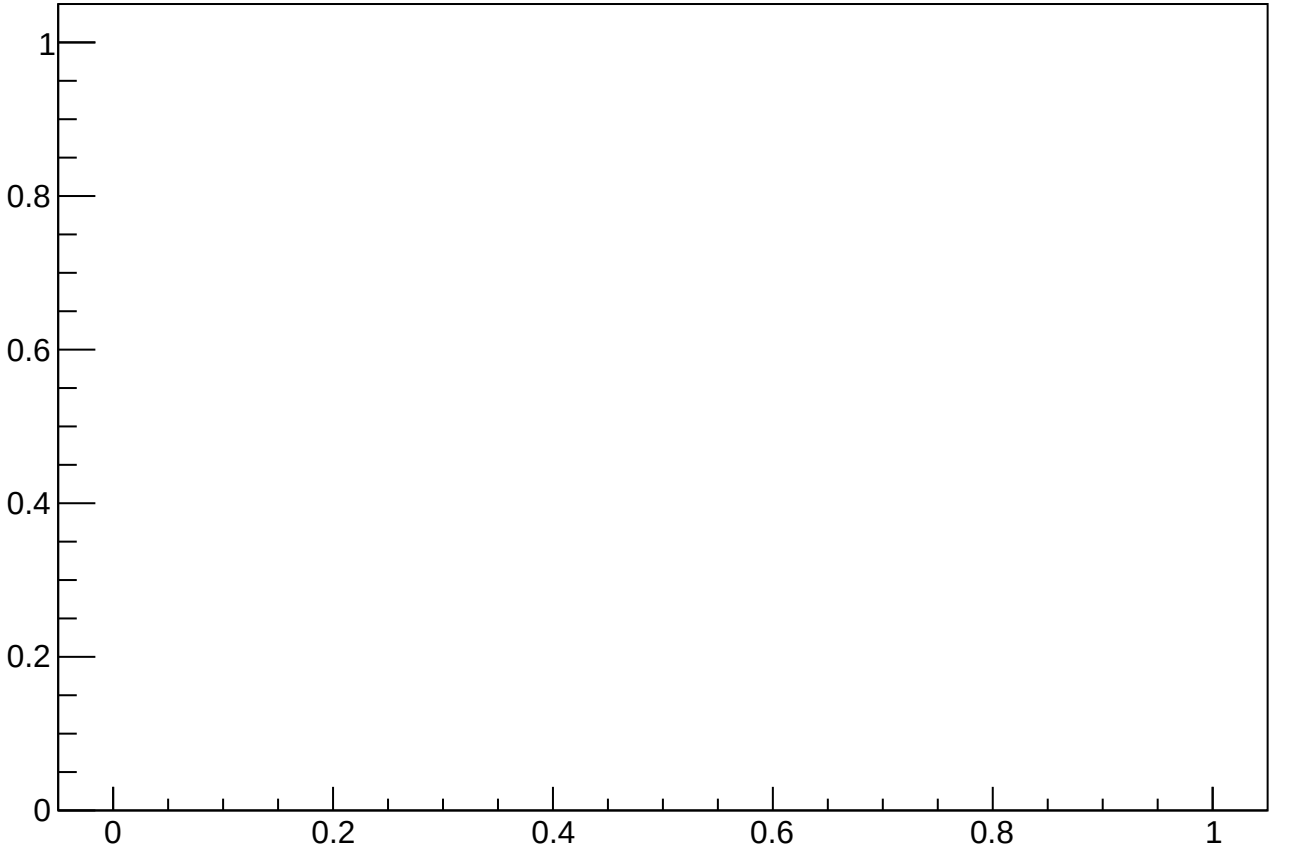
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

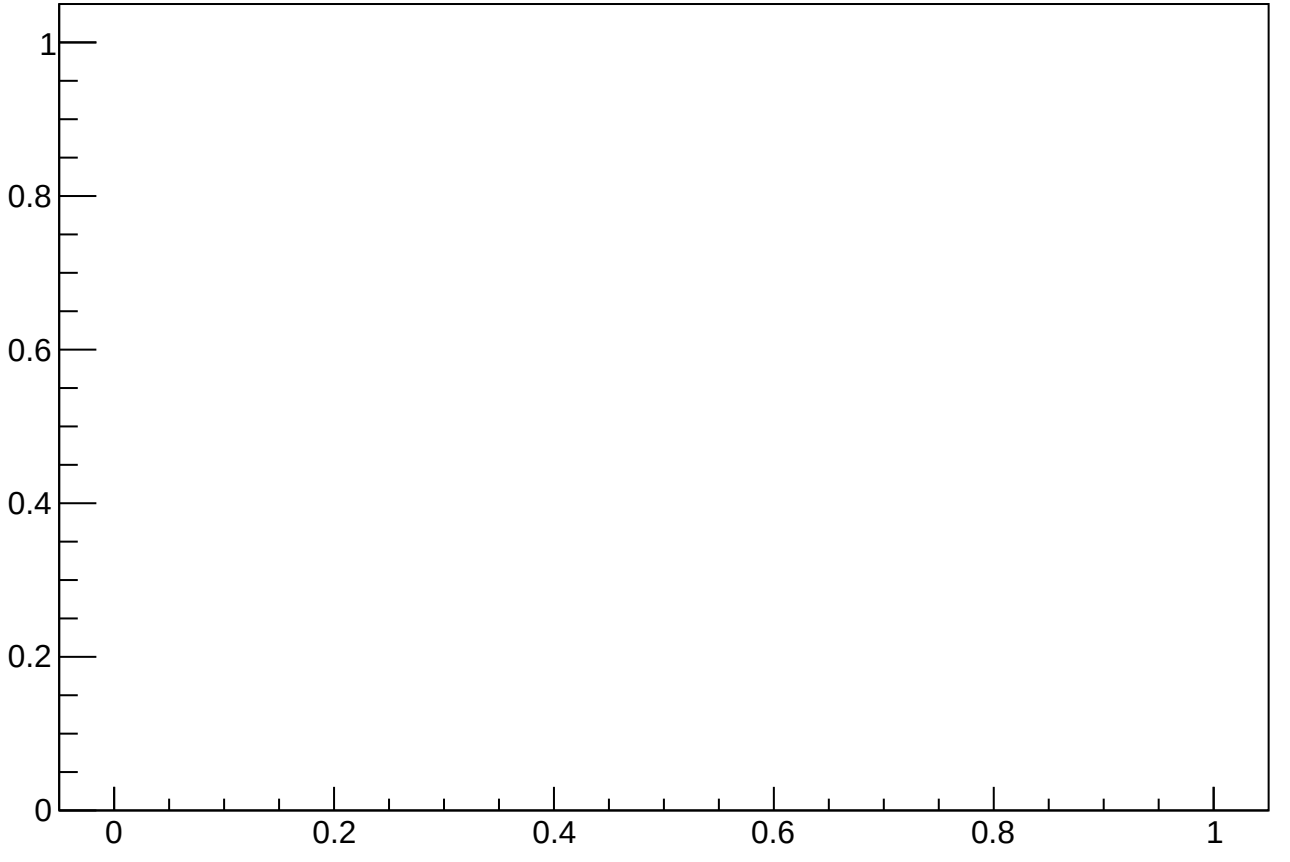
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

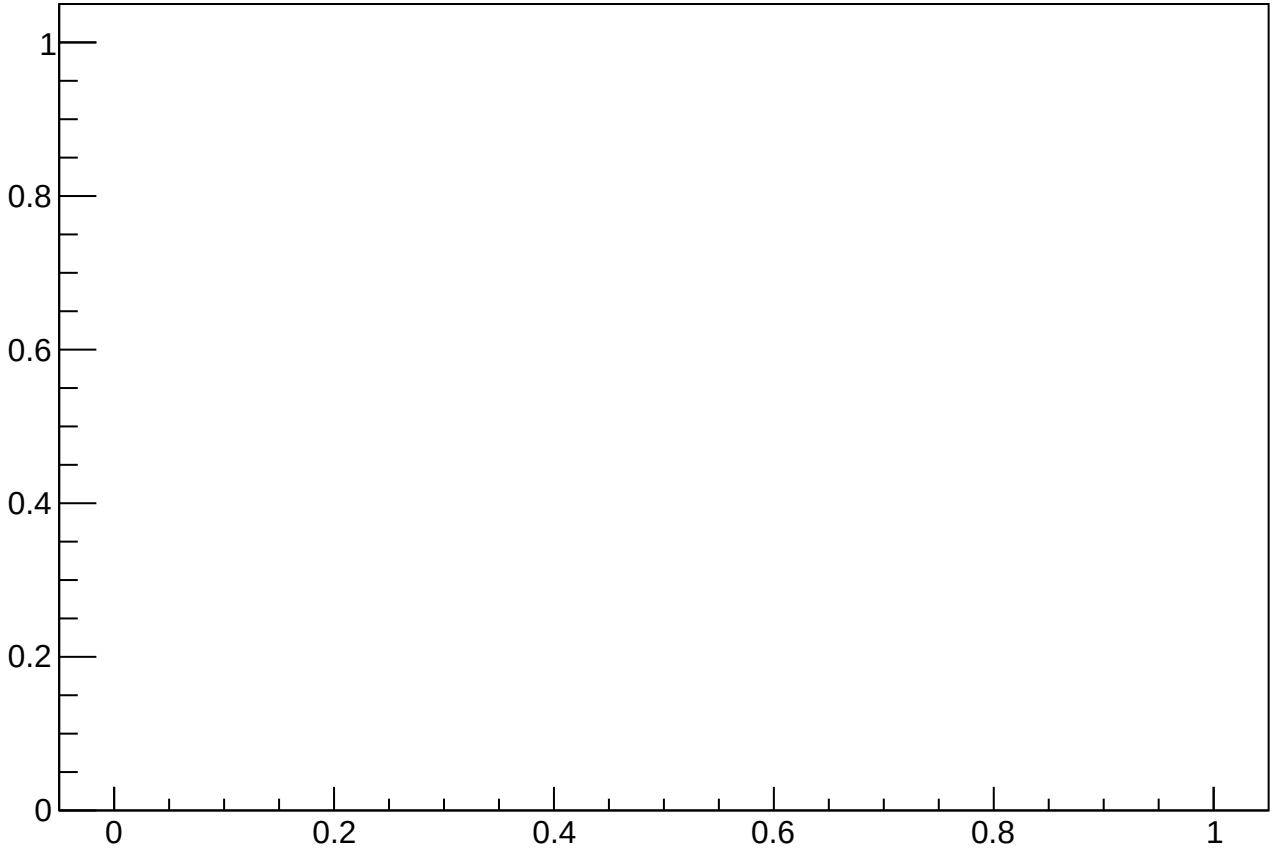
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

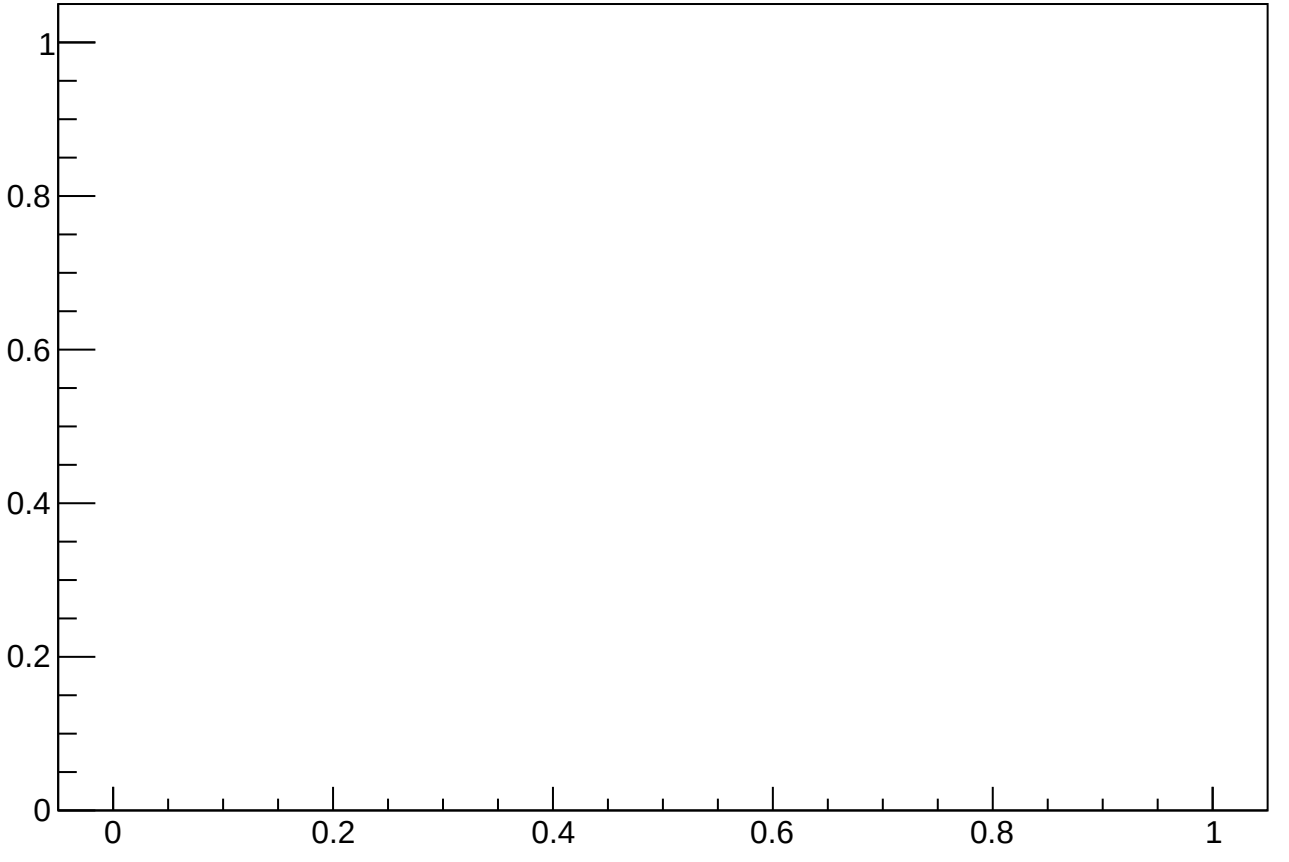
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

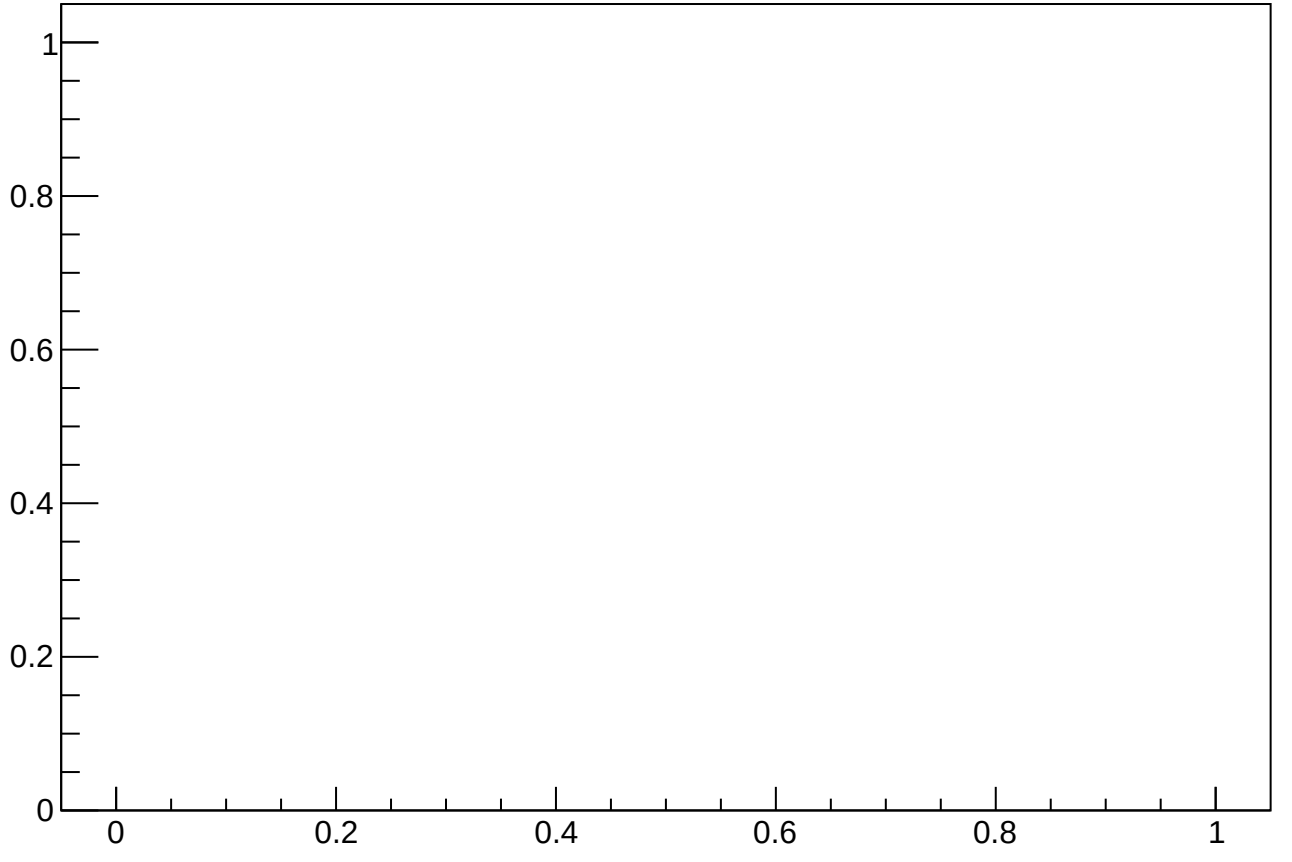
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

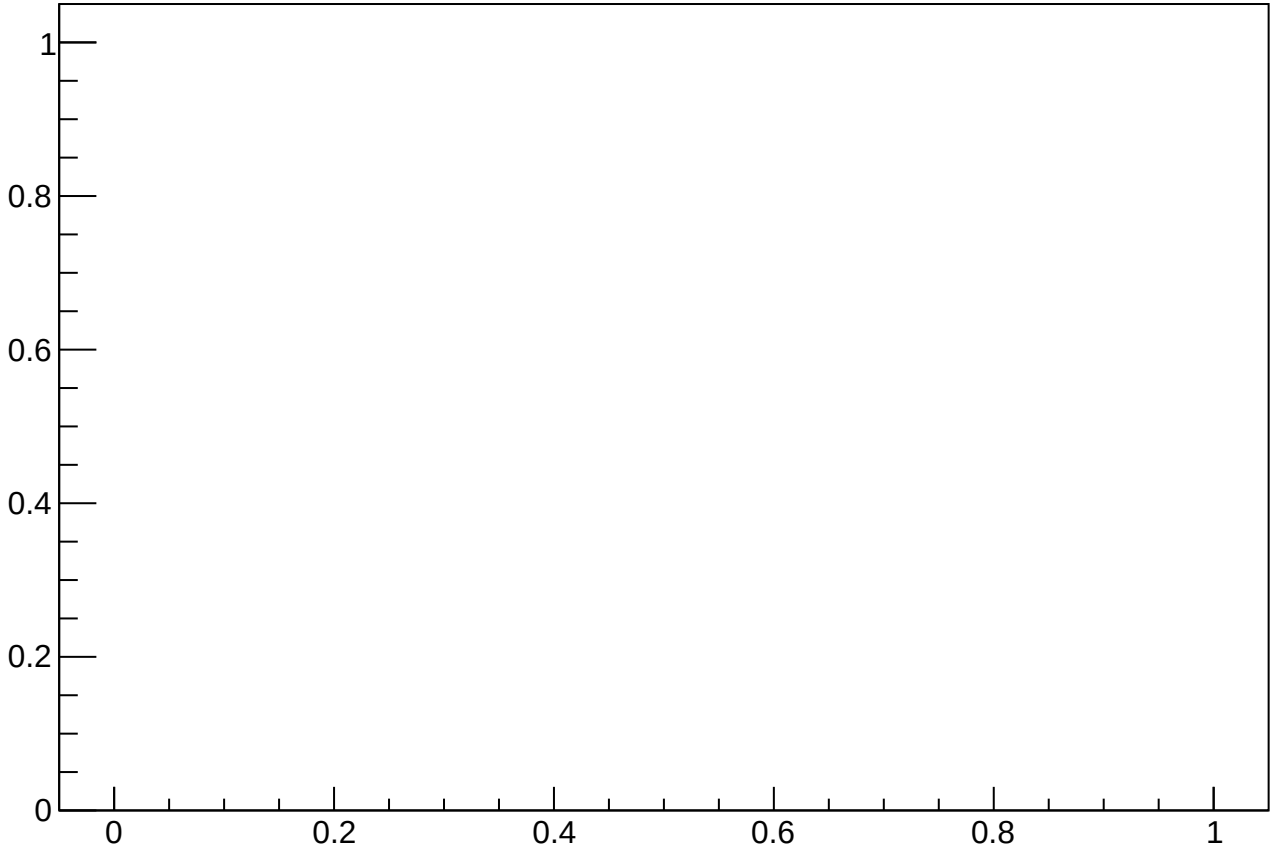
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

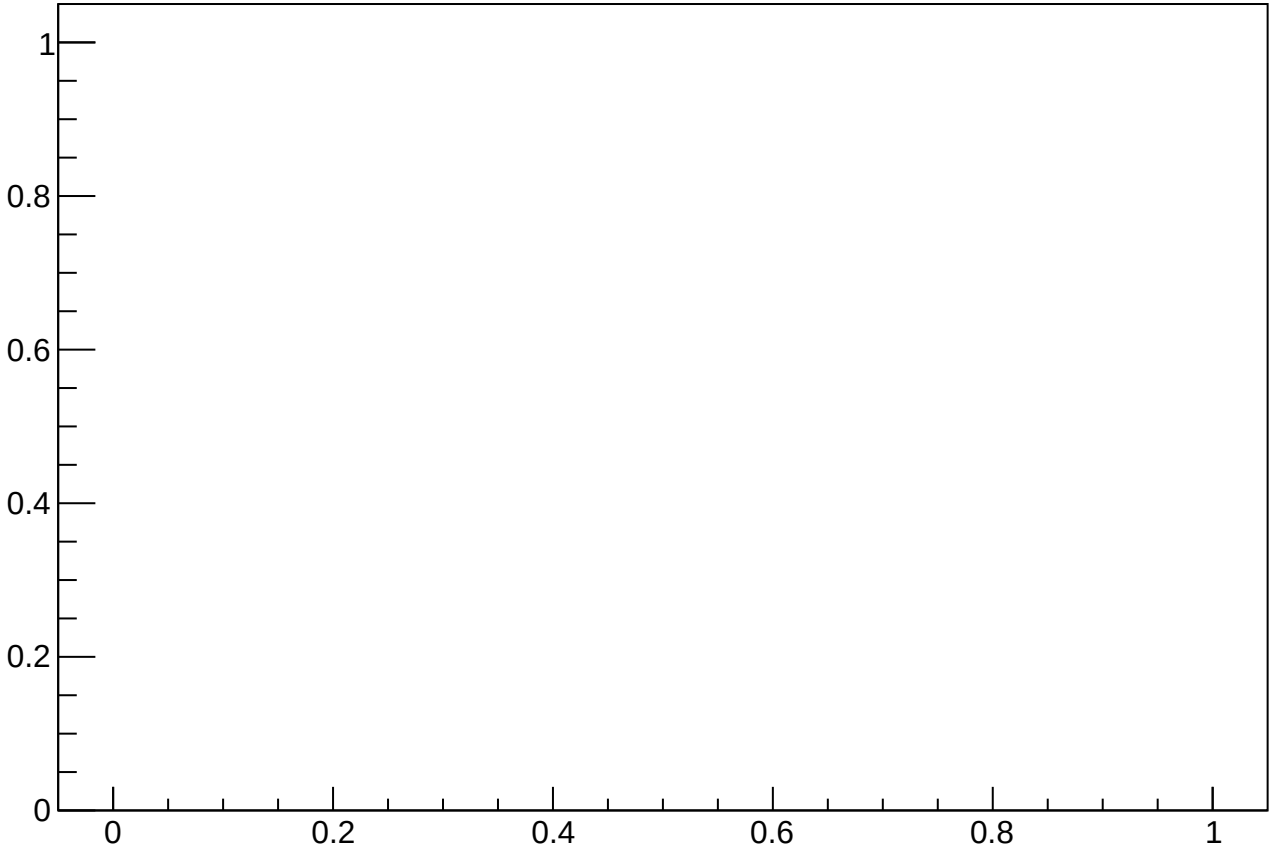
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

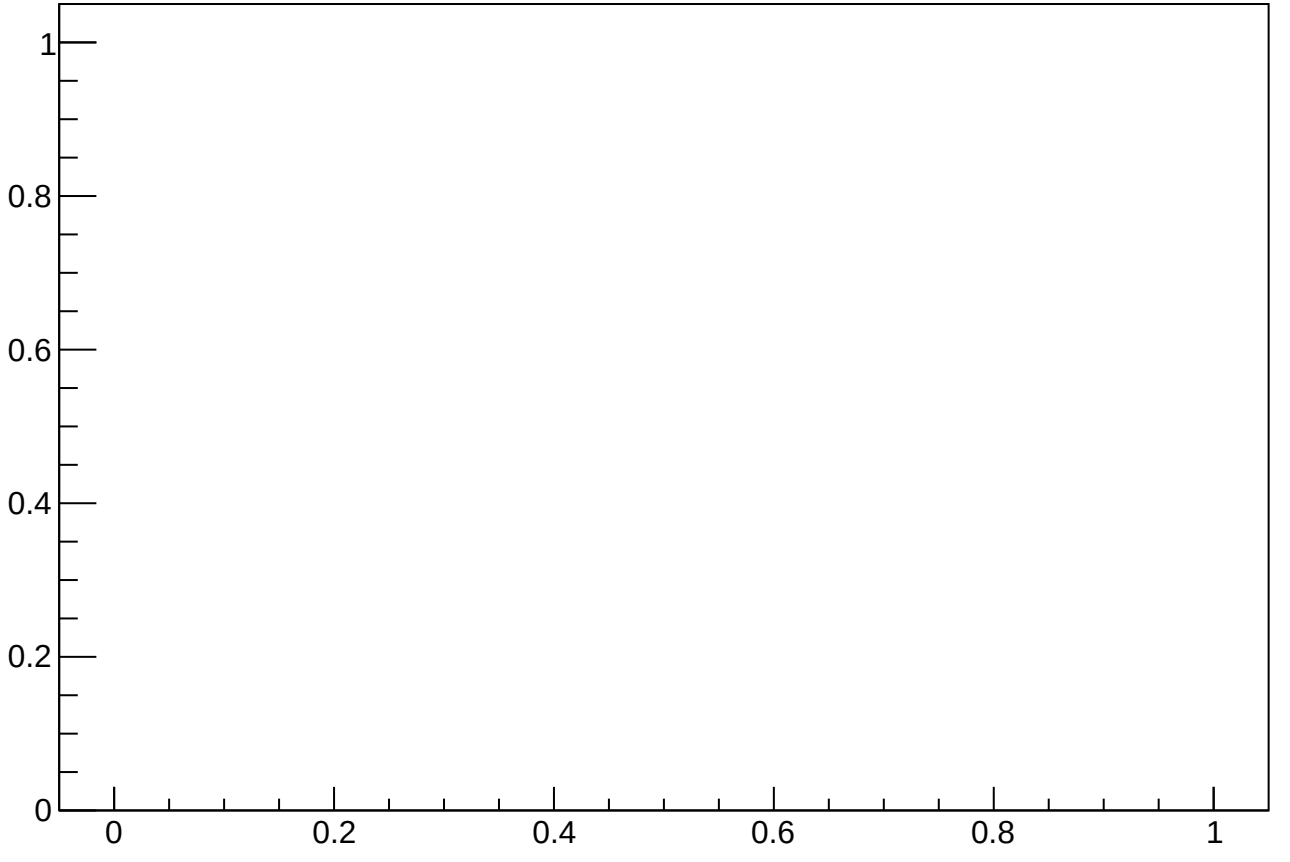
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

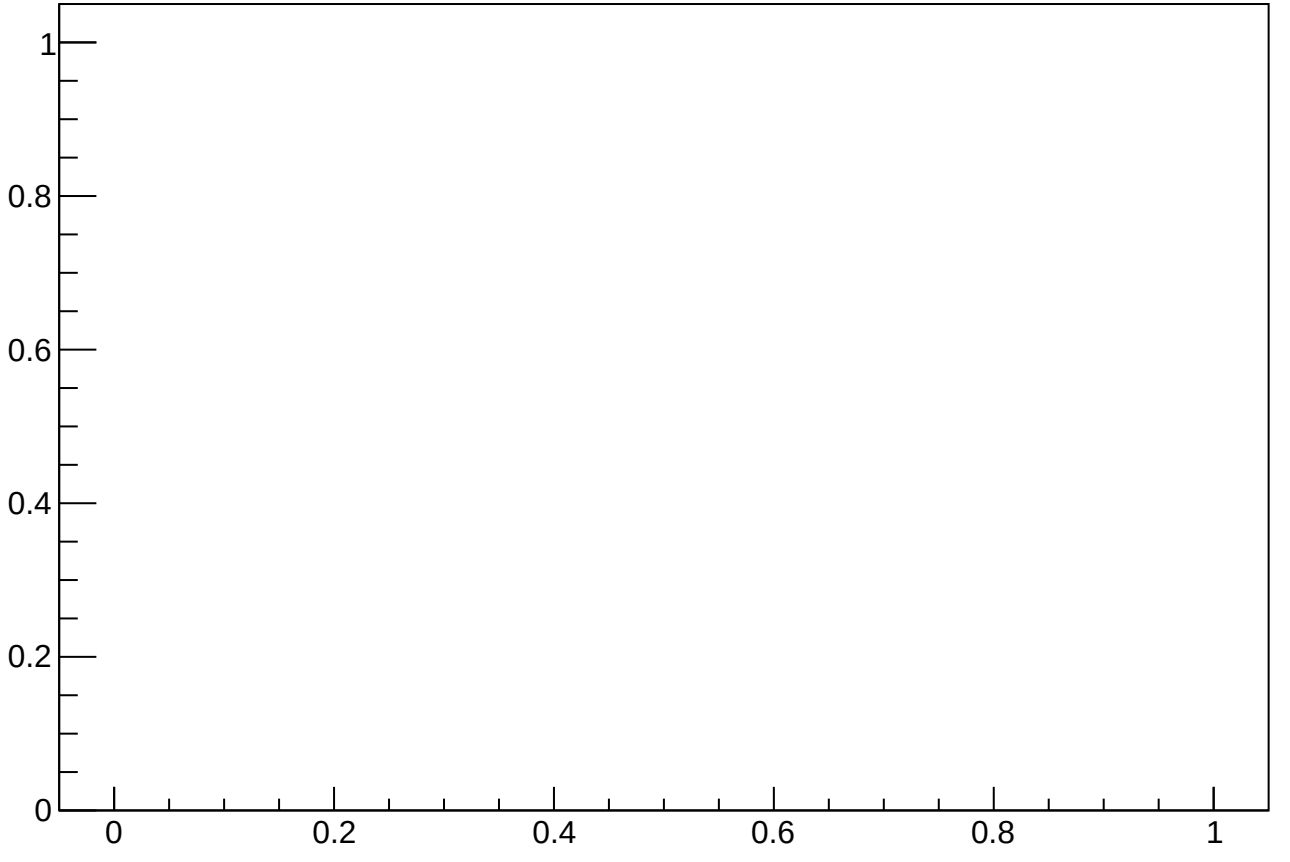
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

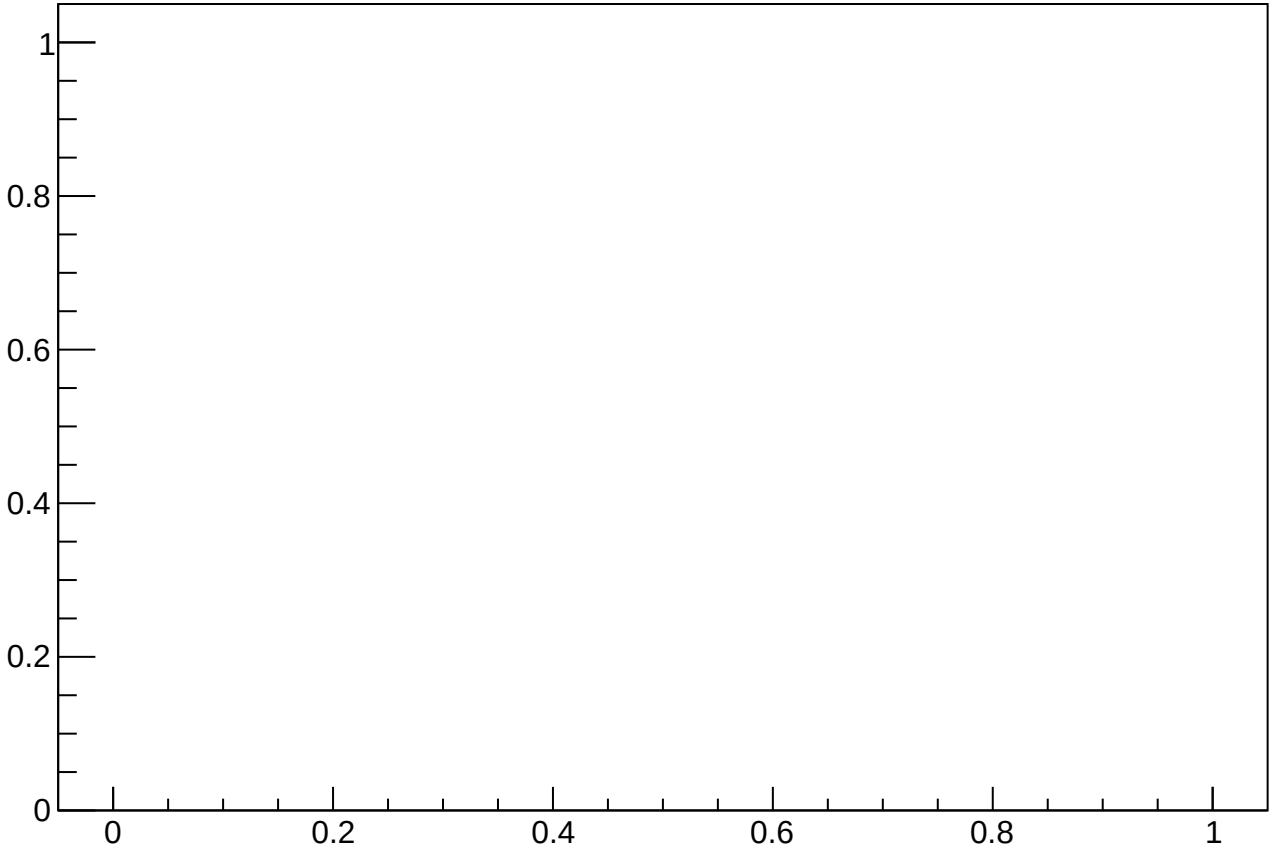
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

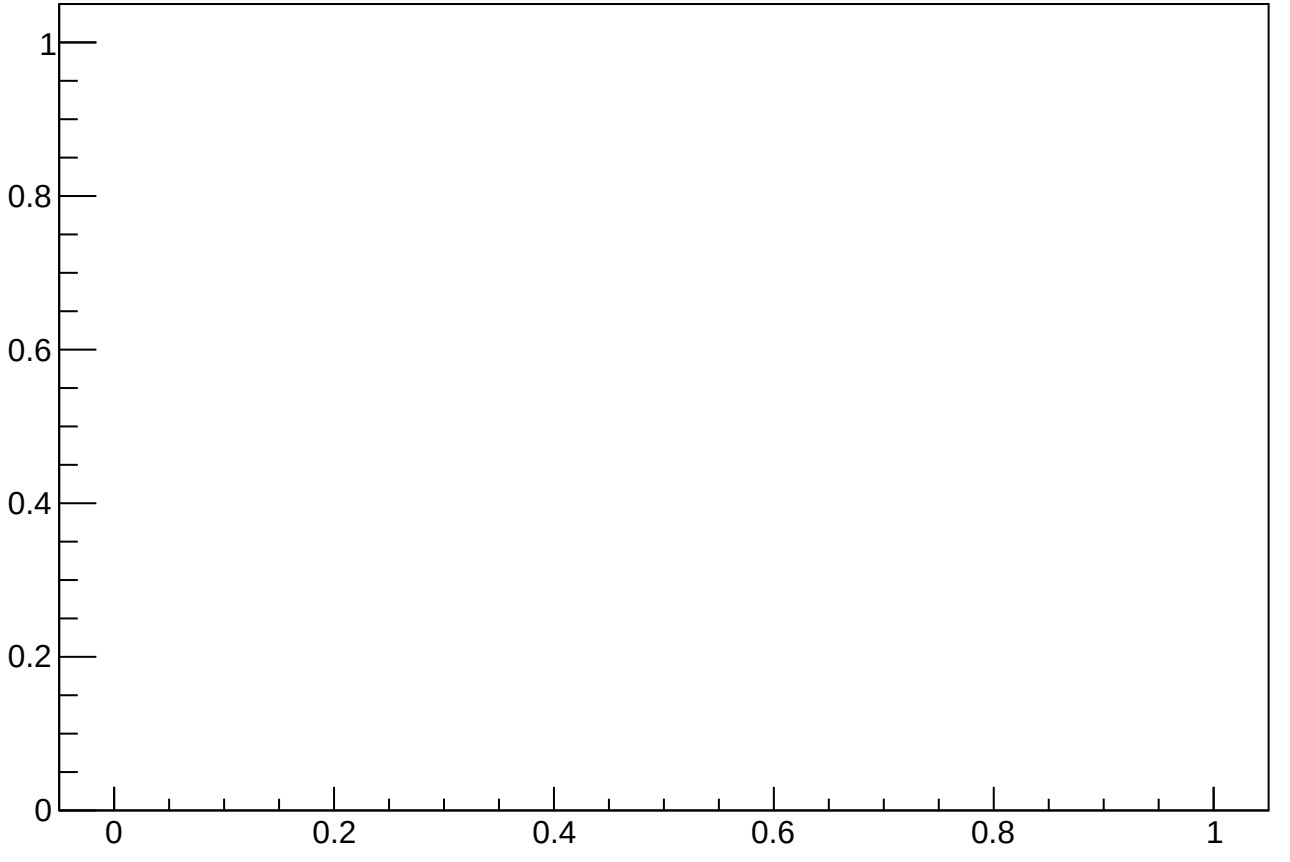
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

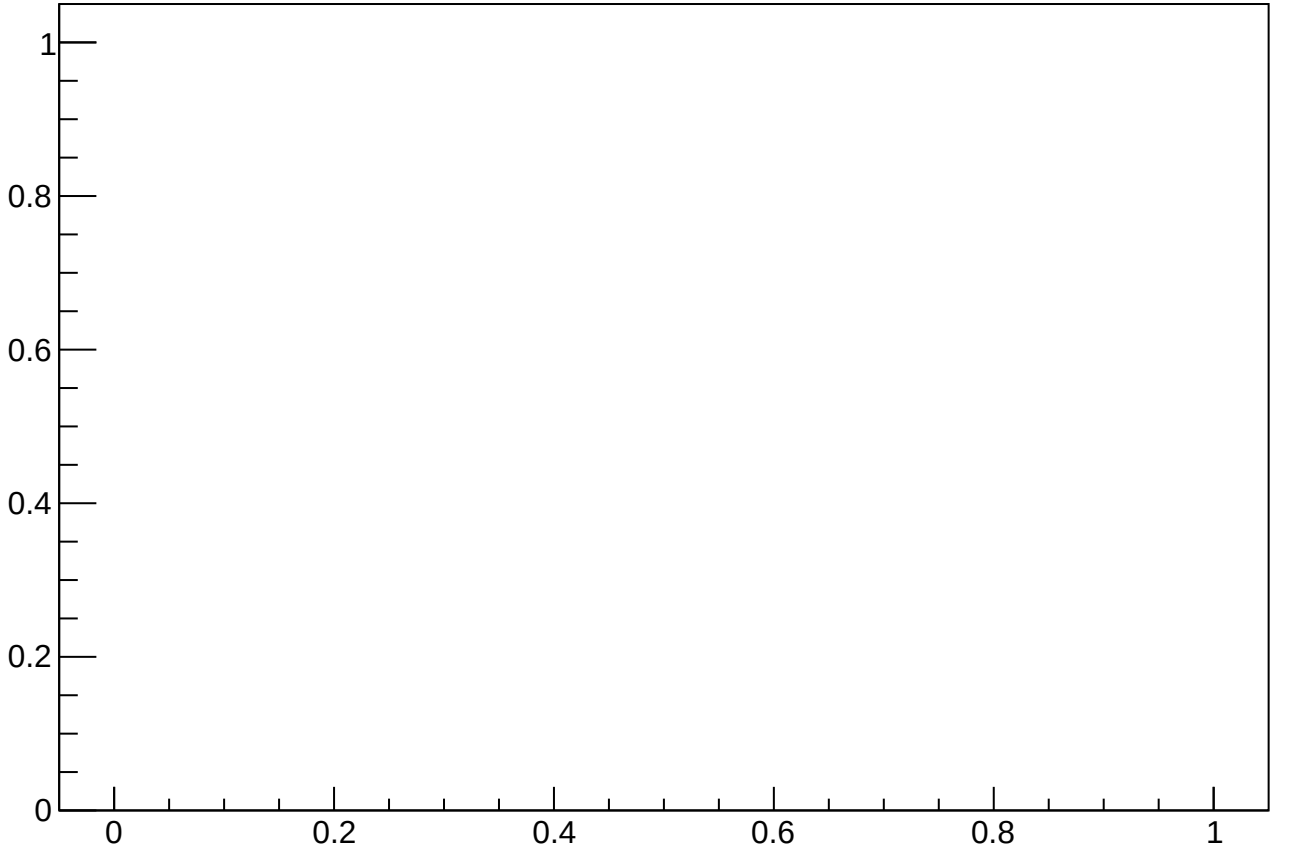
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

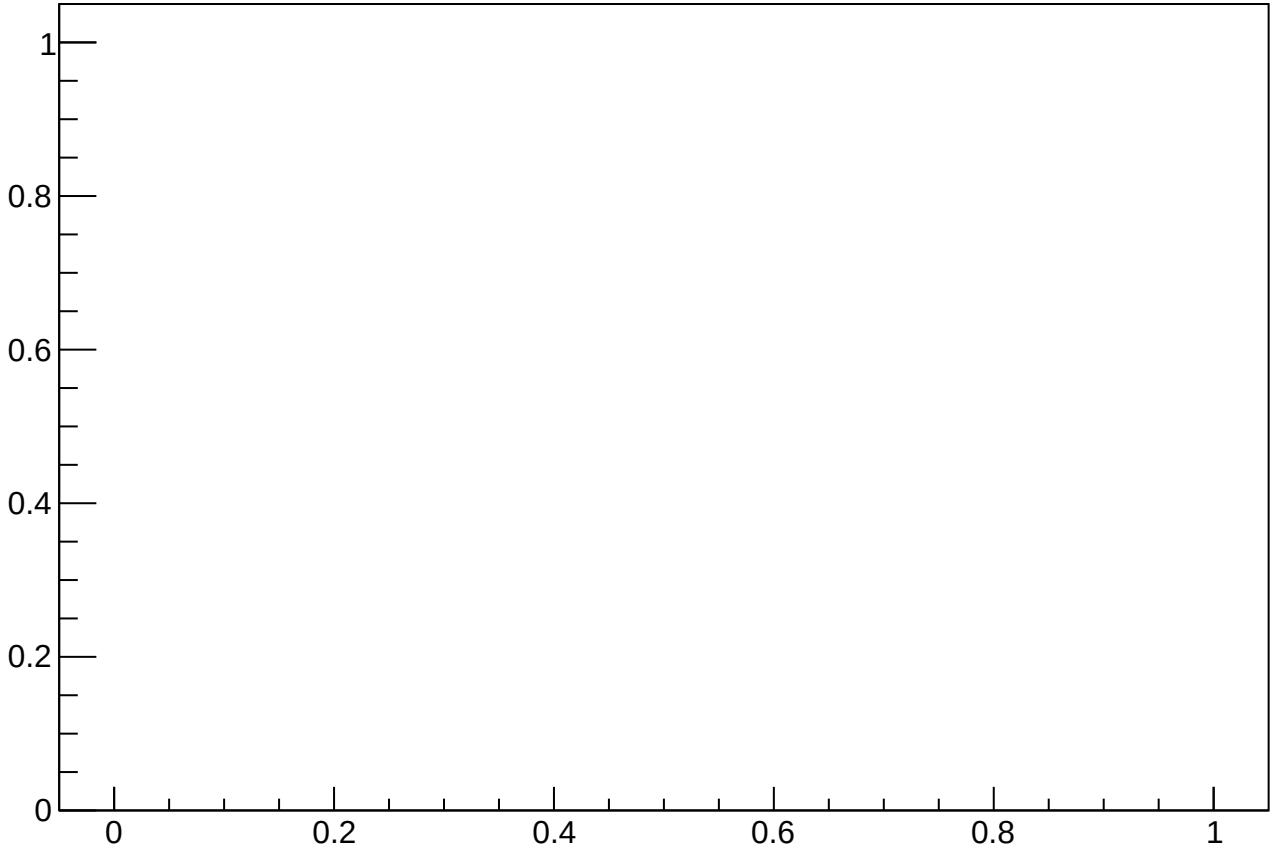
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

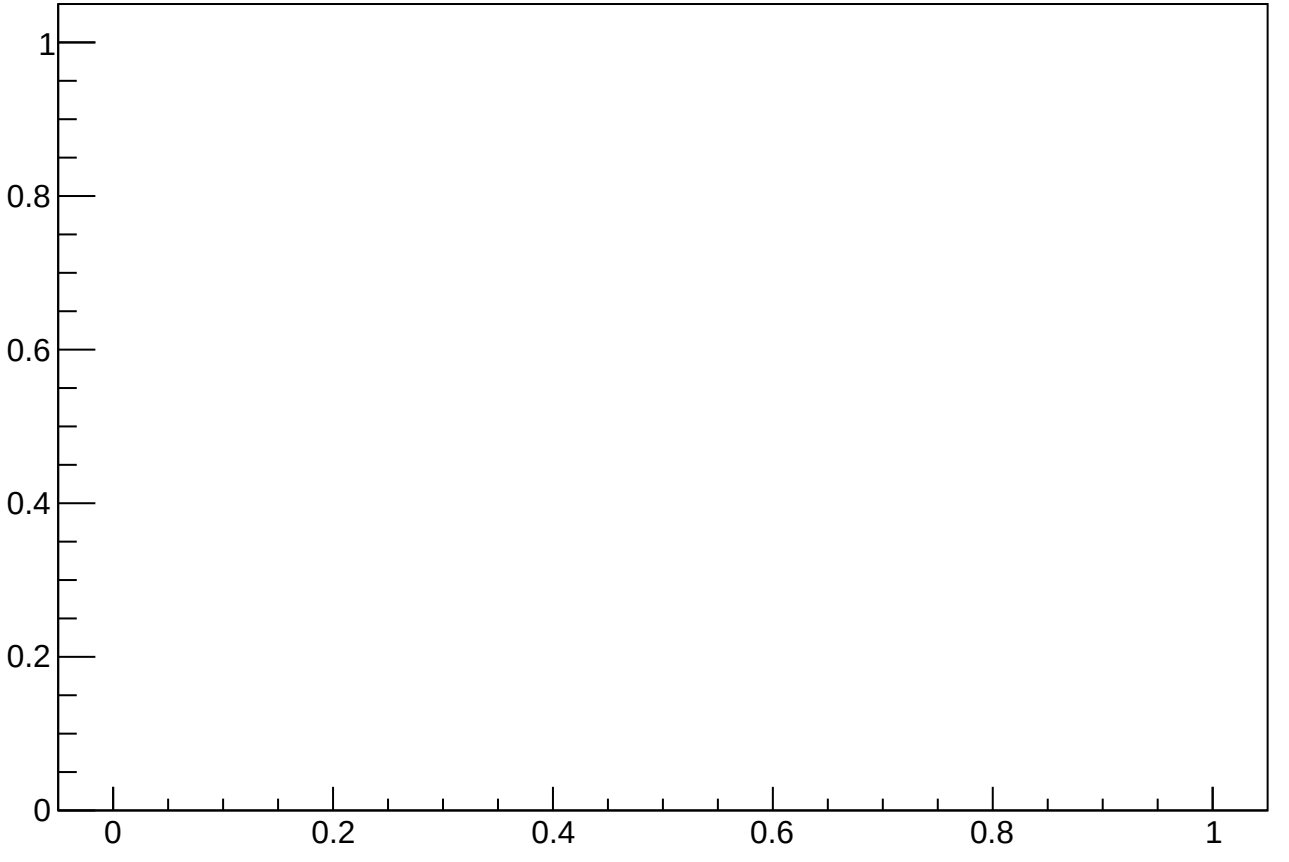
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

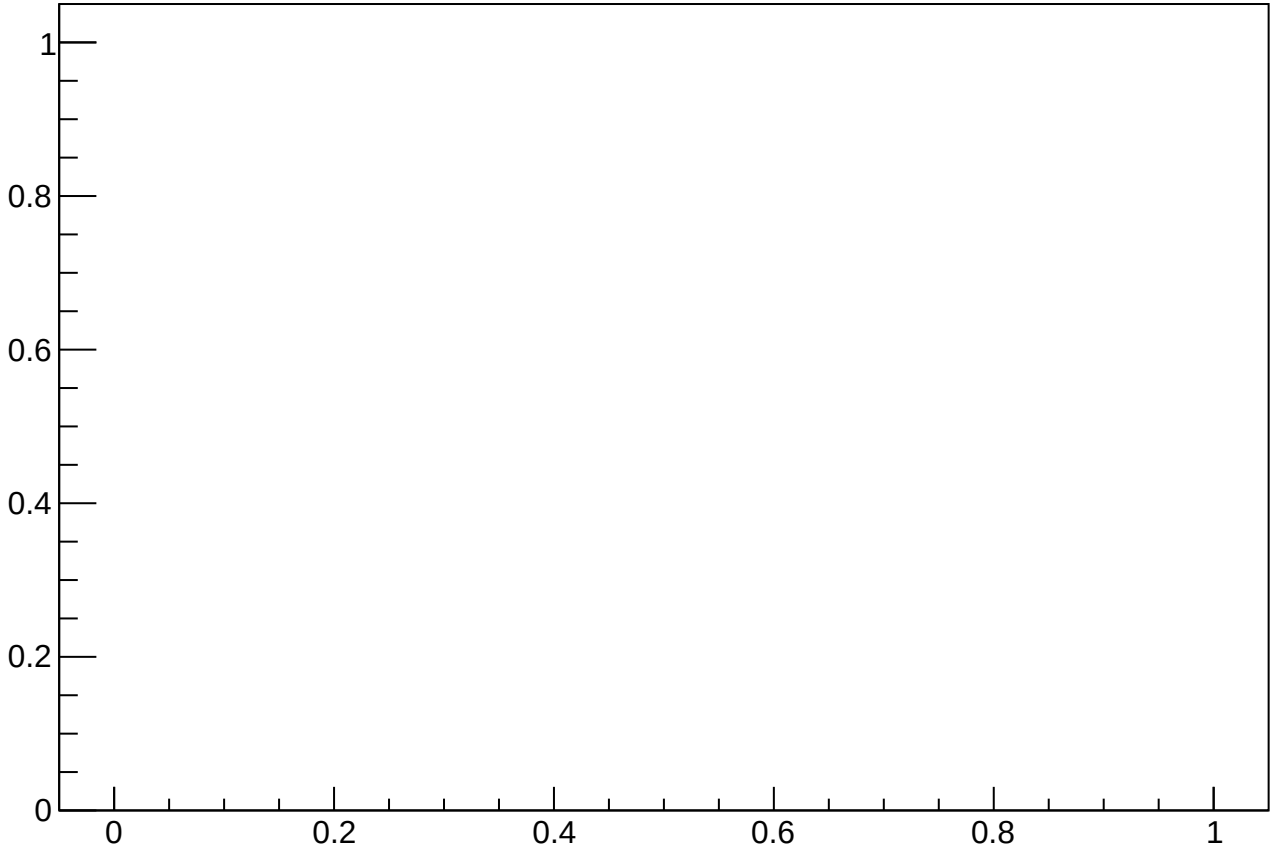
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

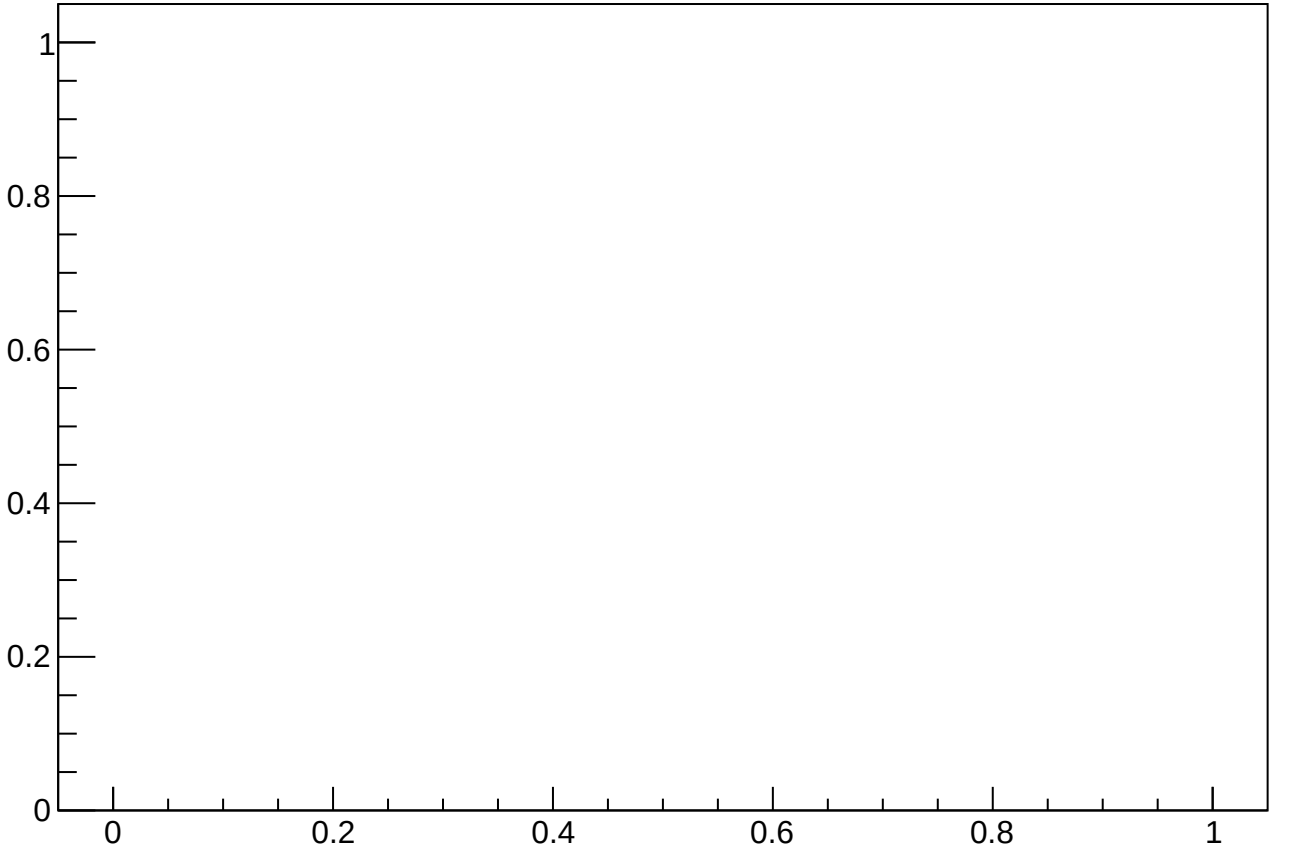
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

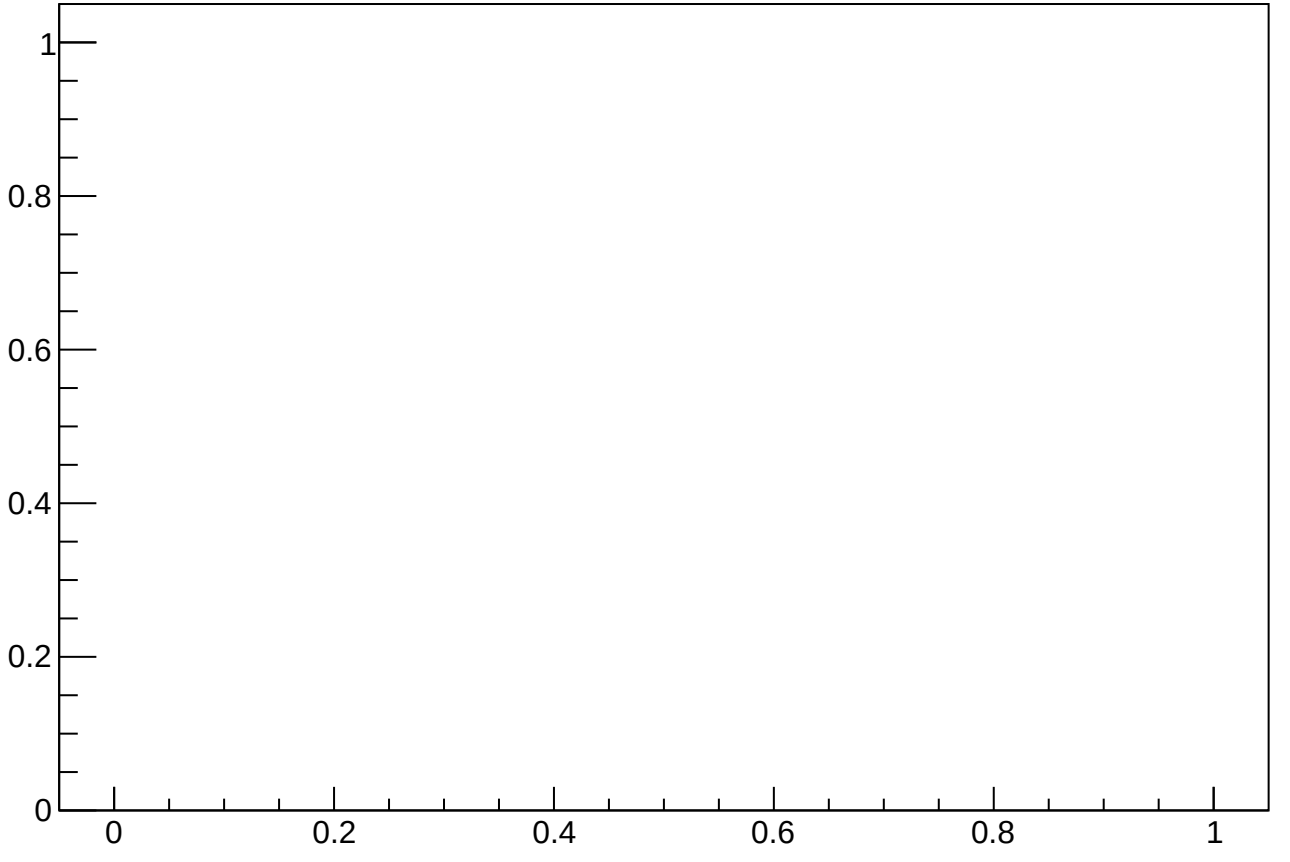
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

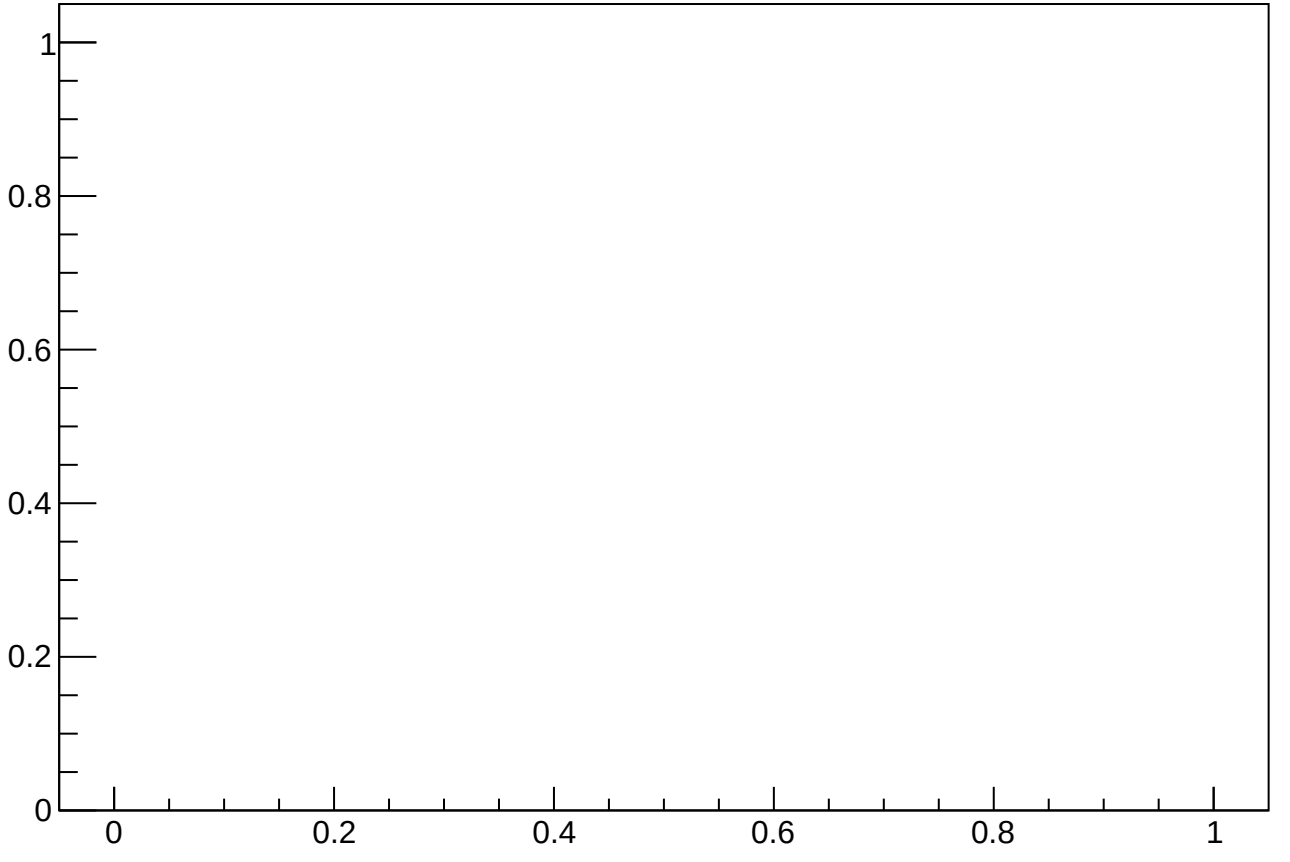
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

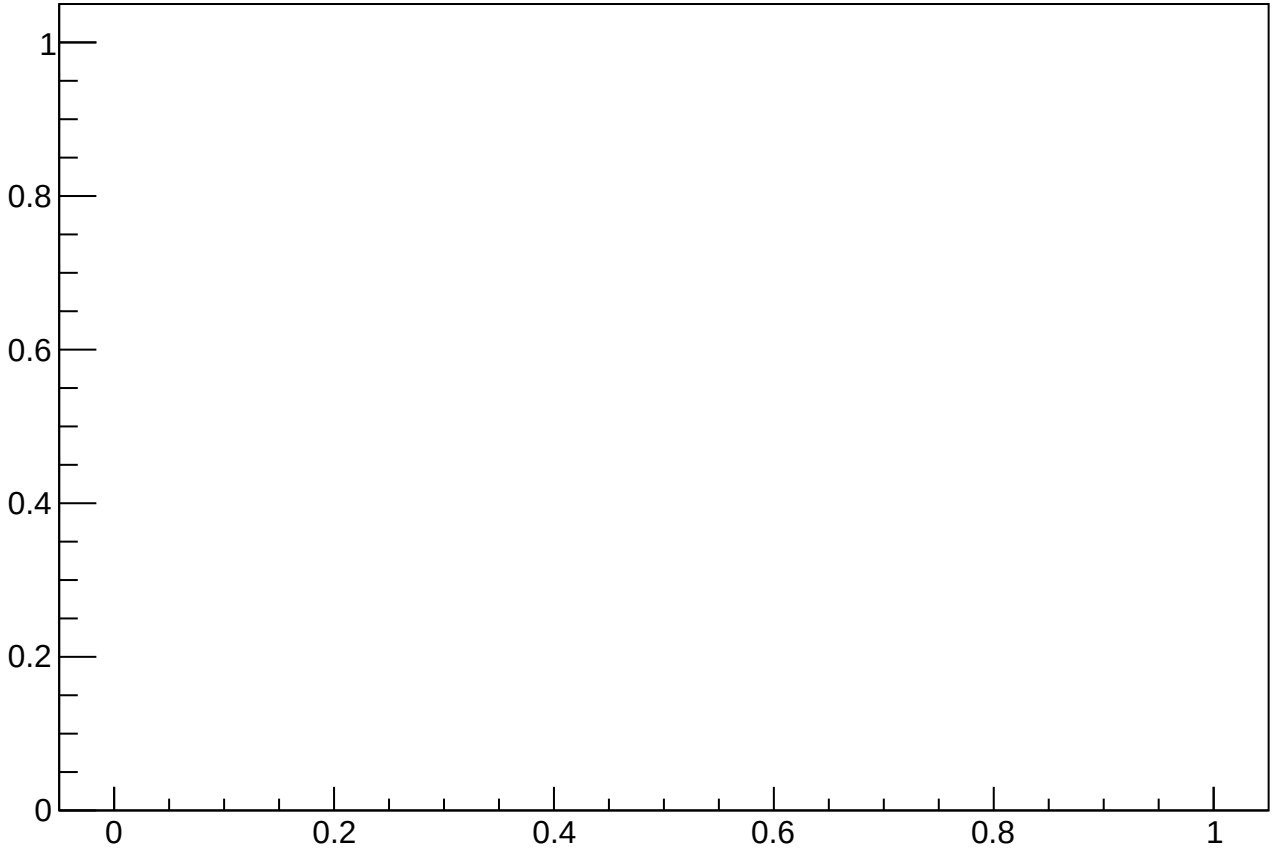
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

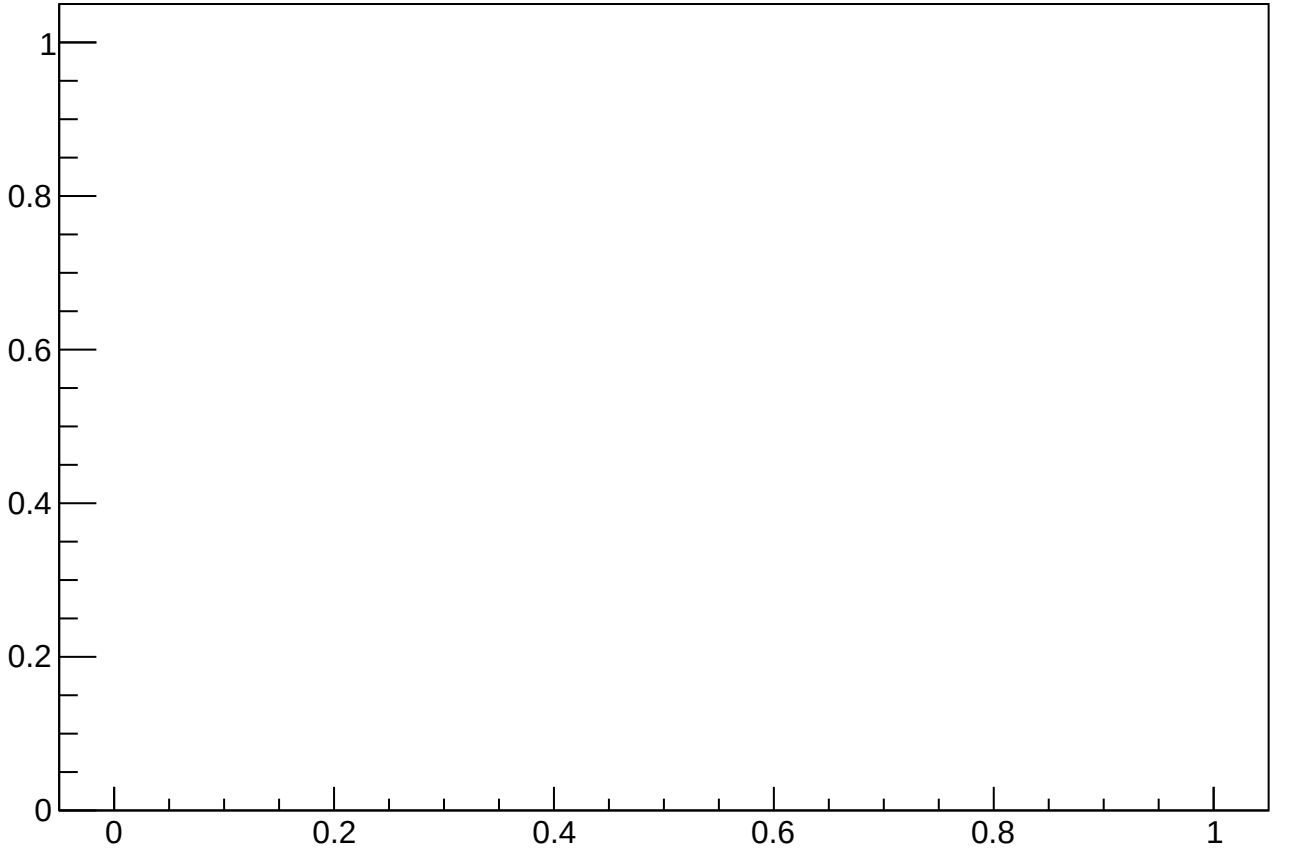
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

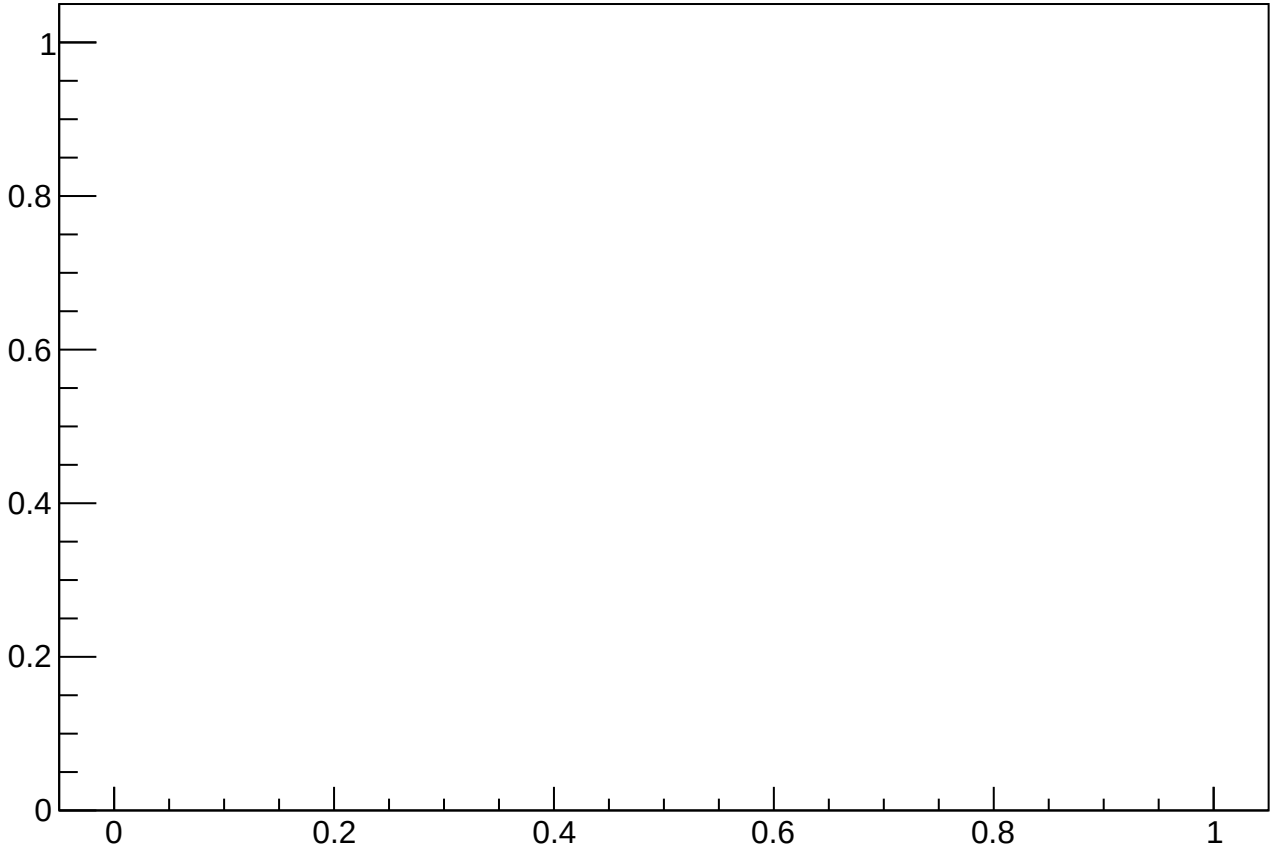
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

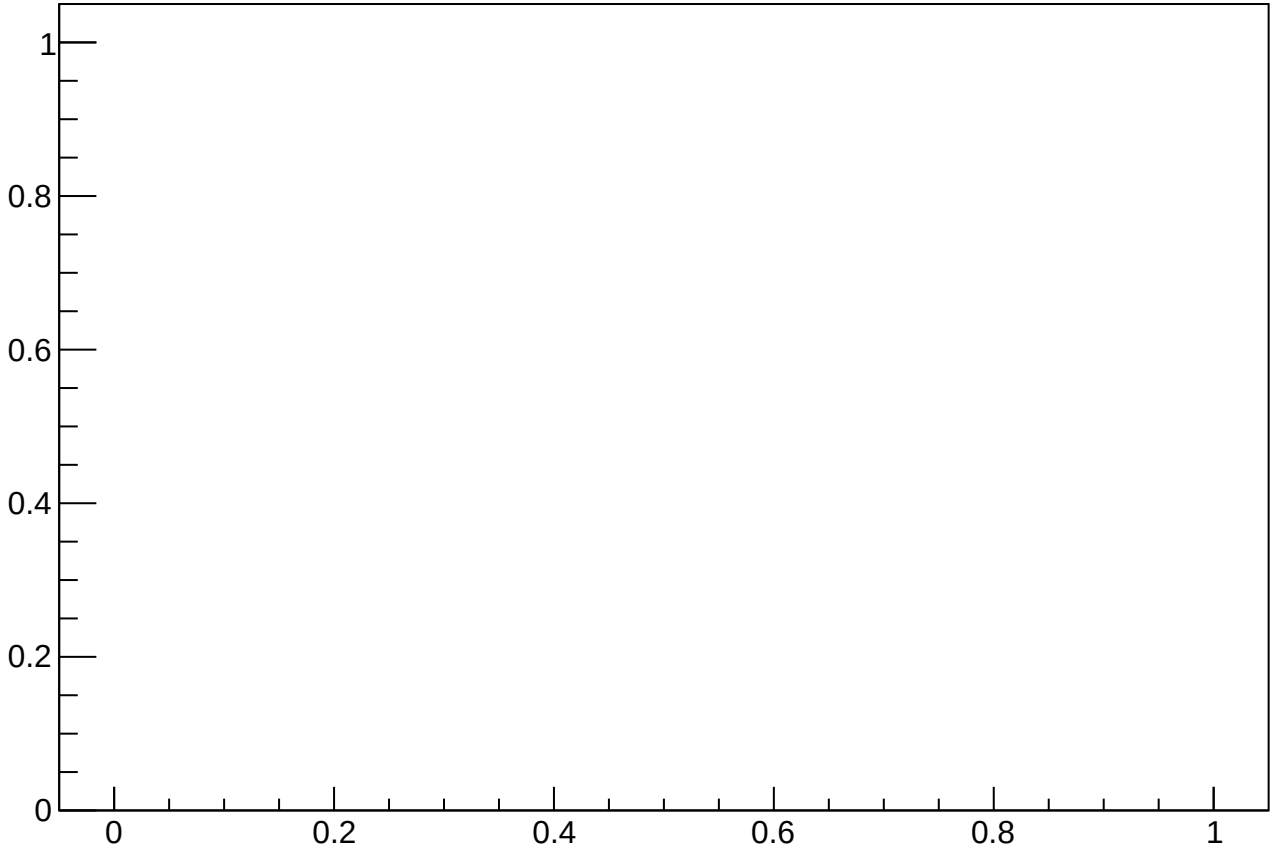
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

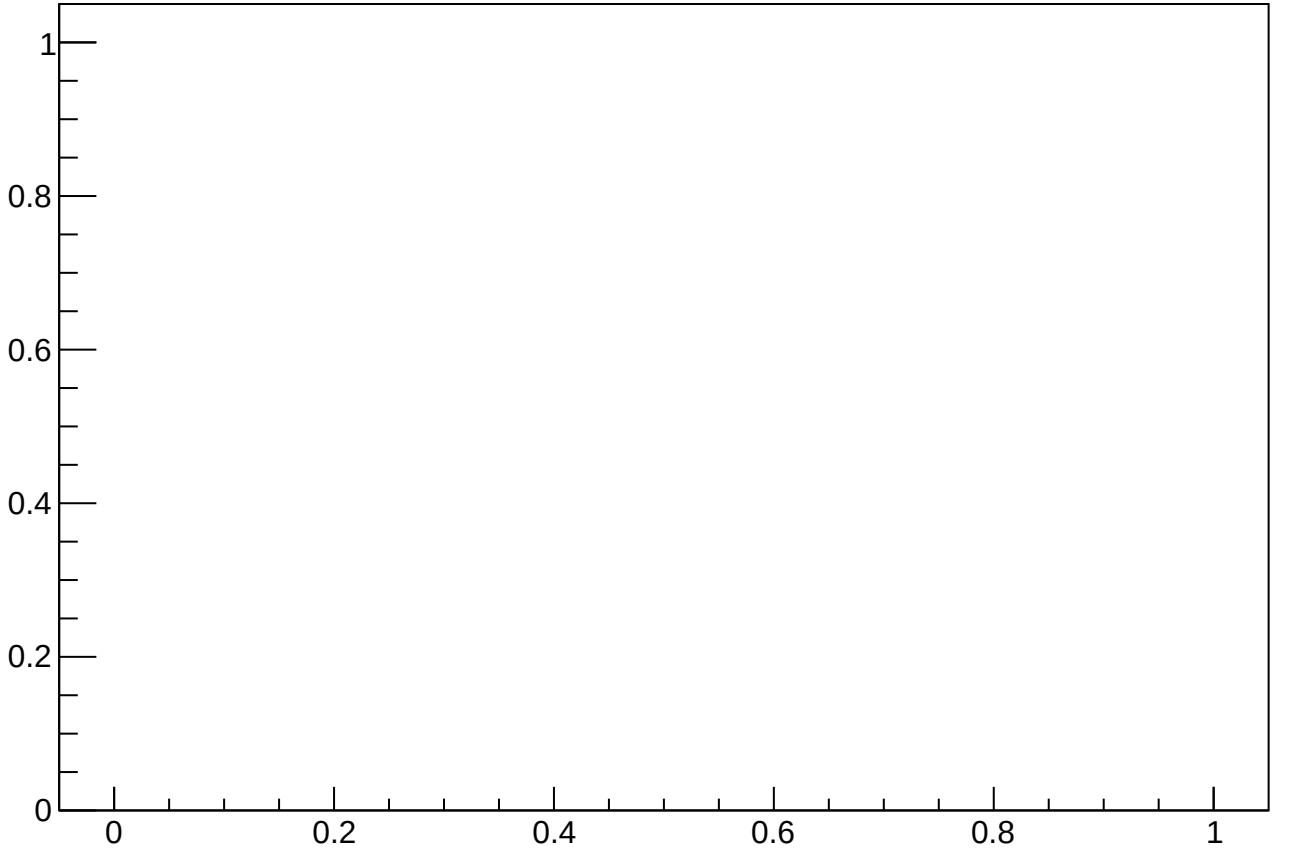
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

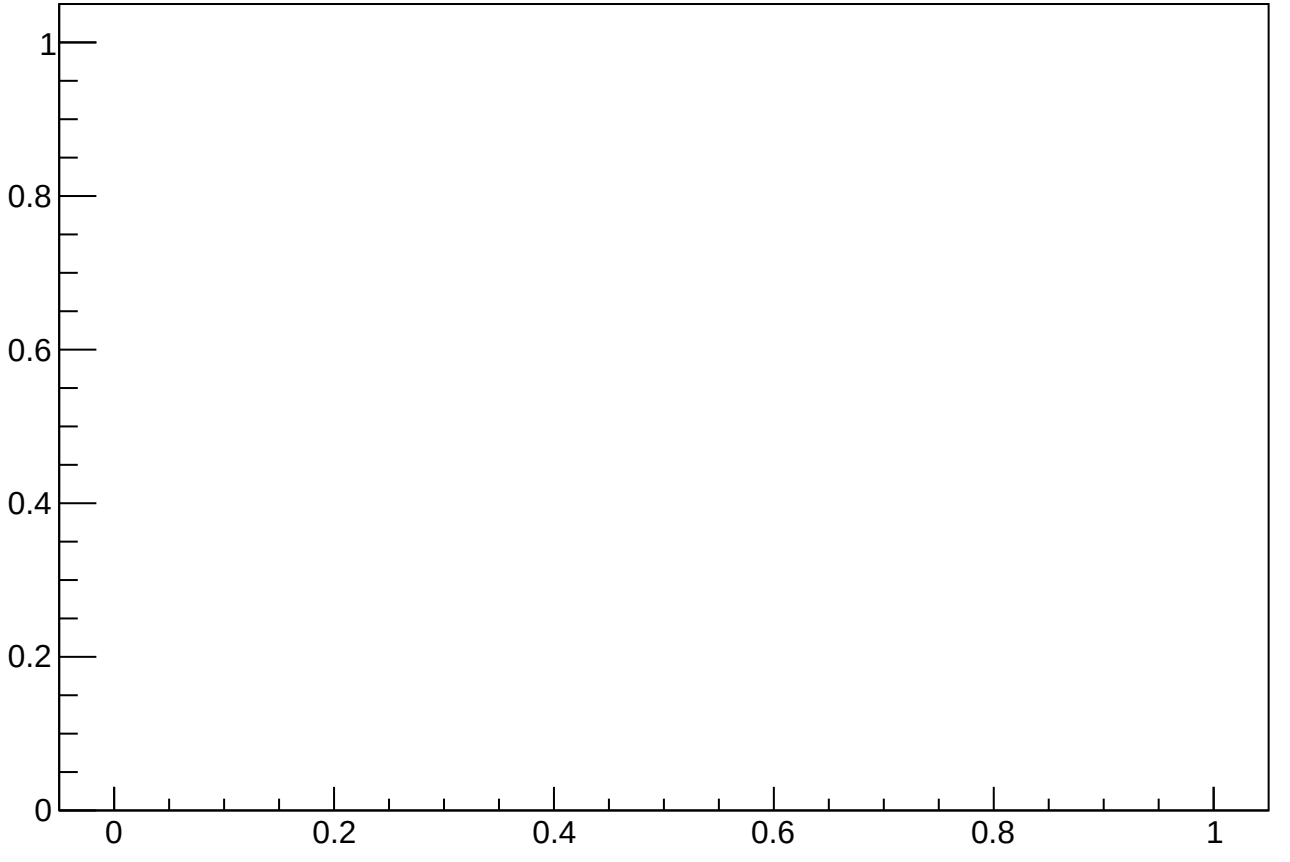
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil1_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

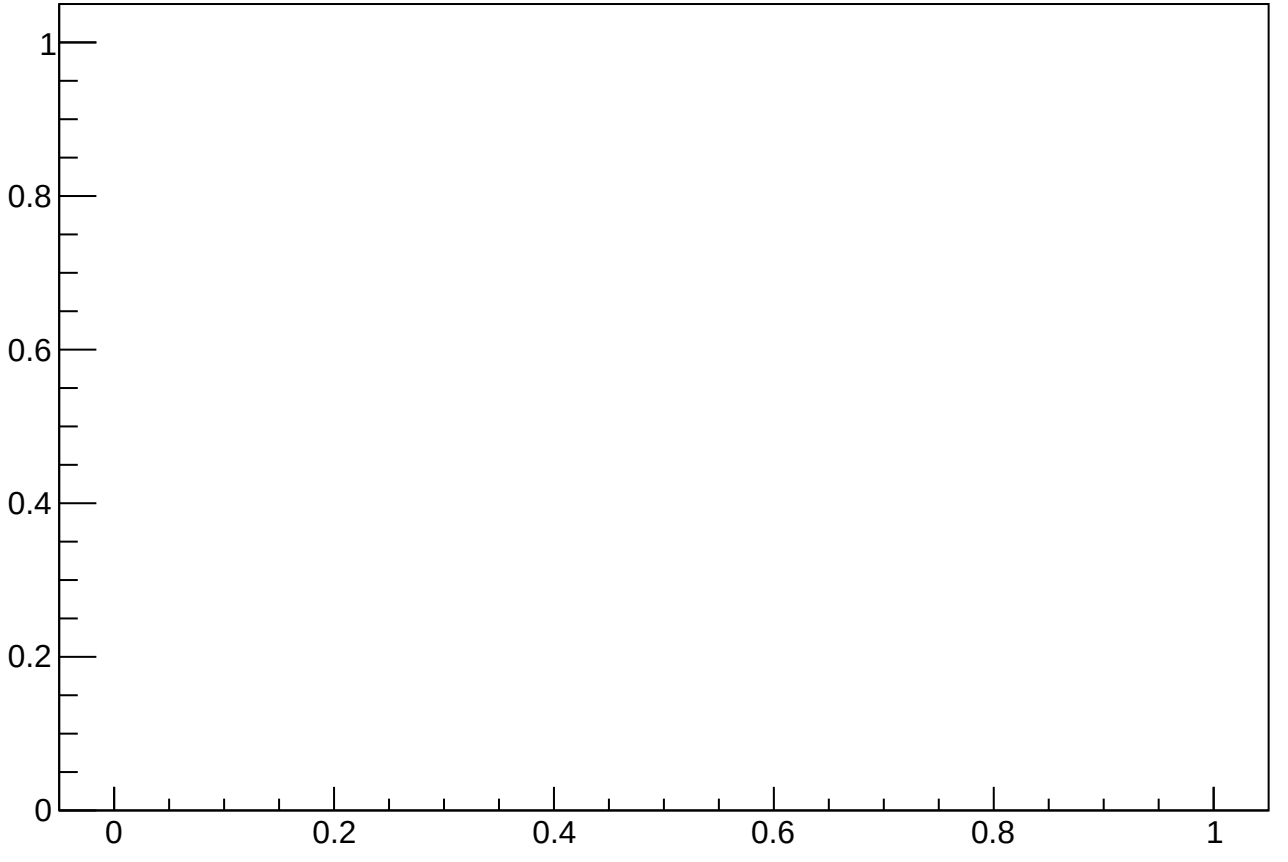
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil1_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

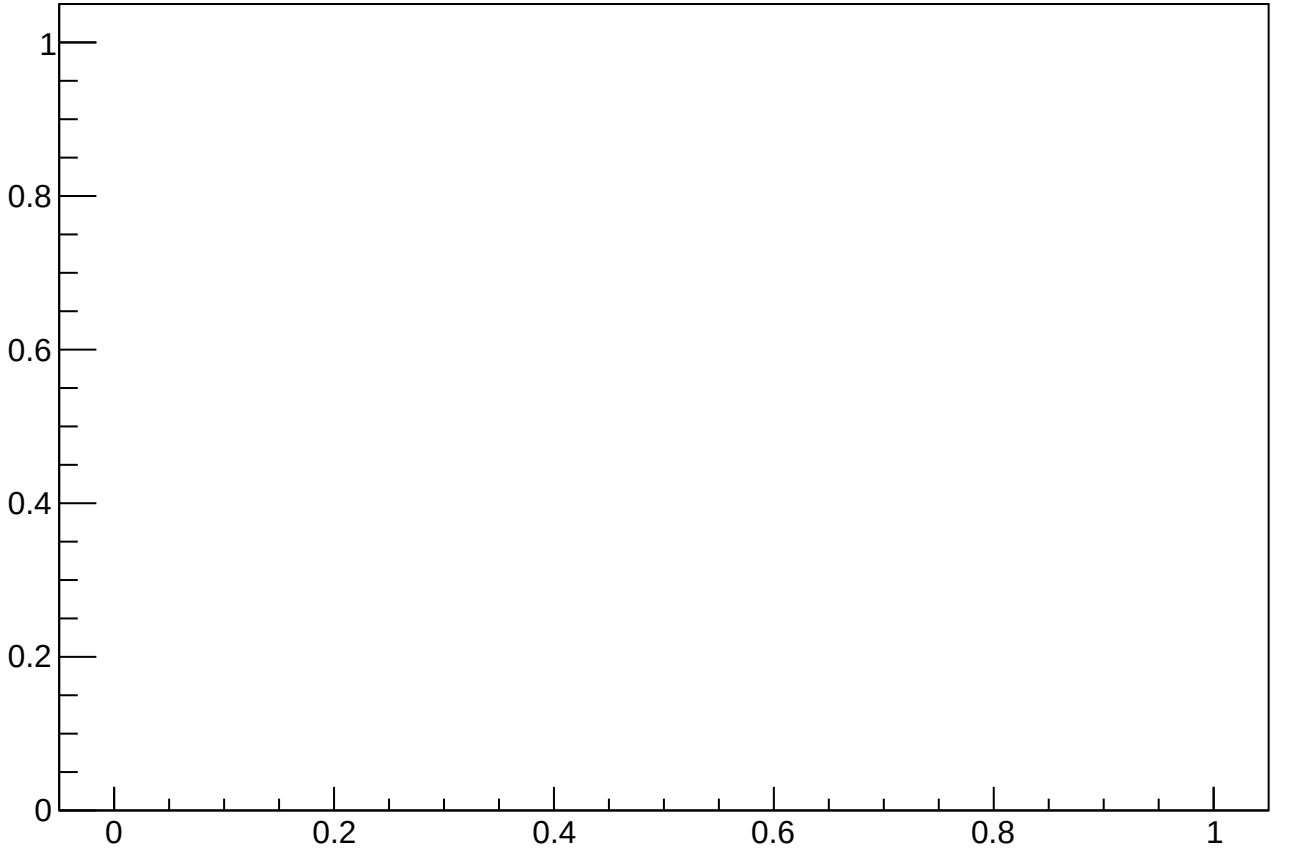
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

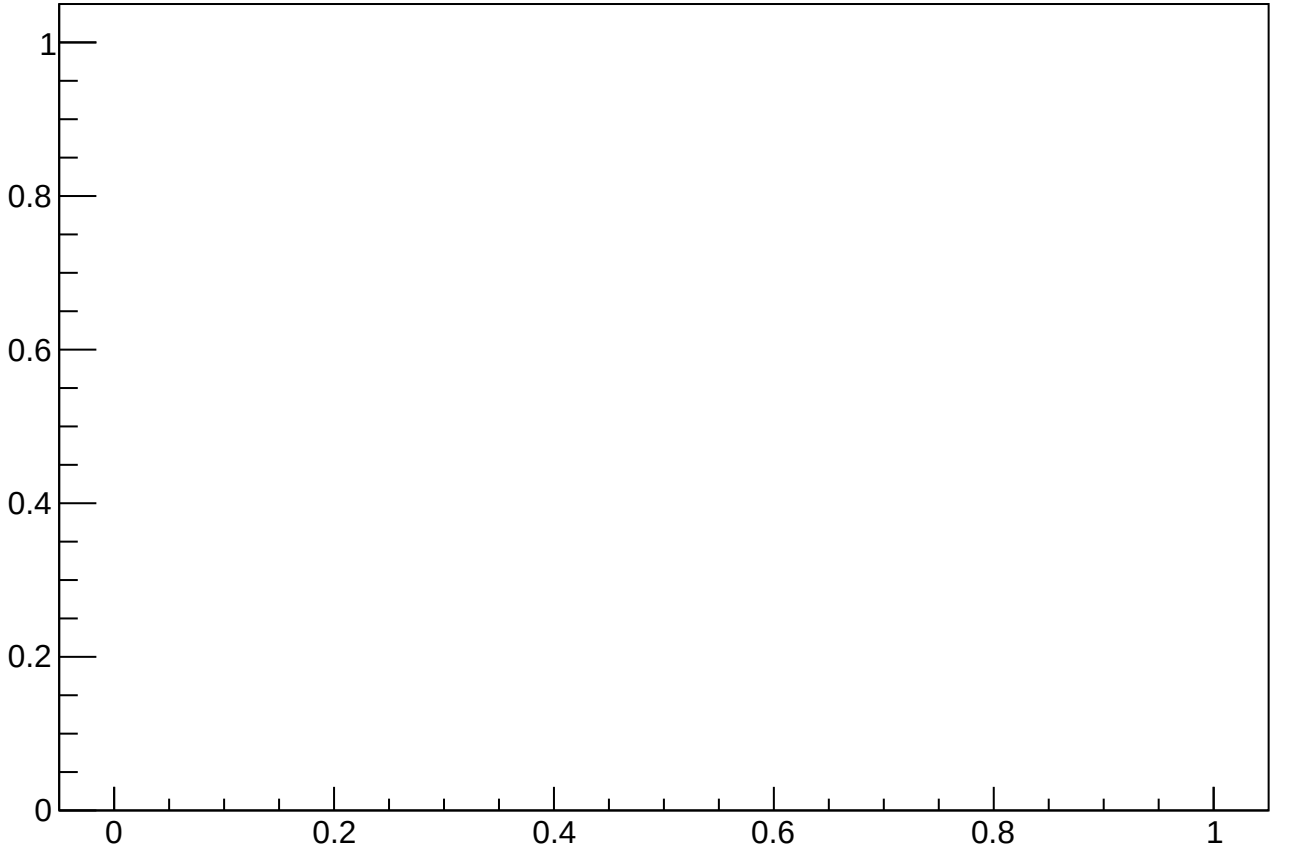
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

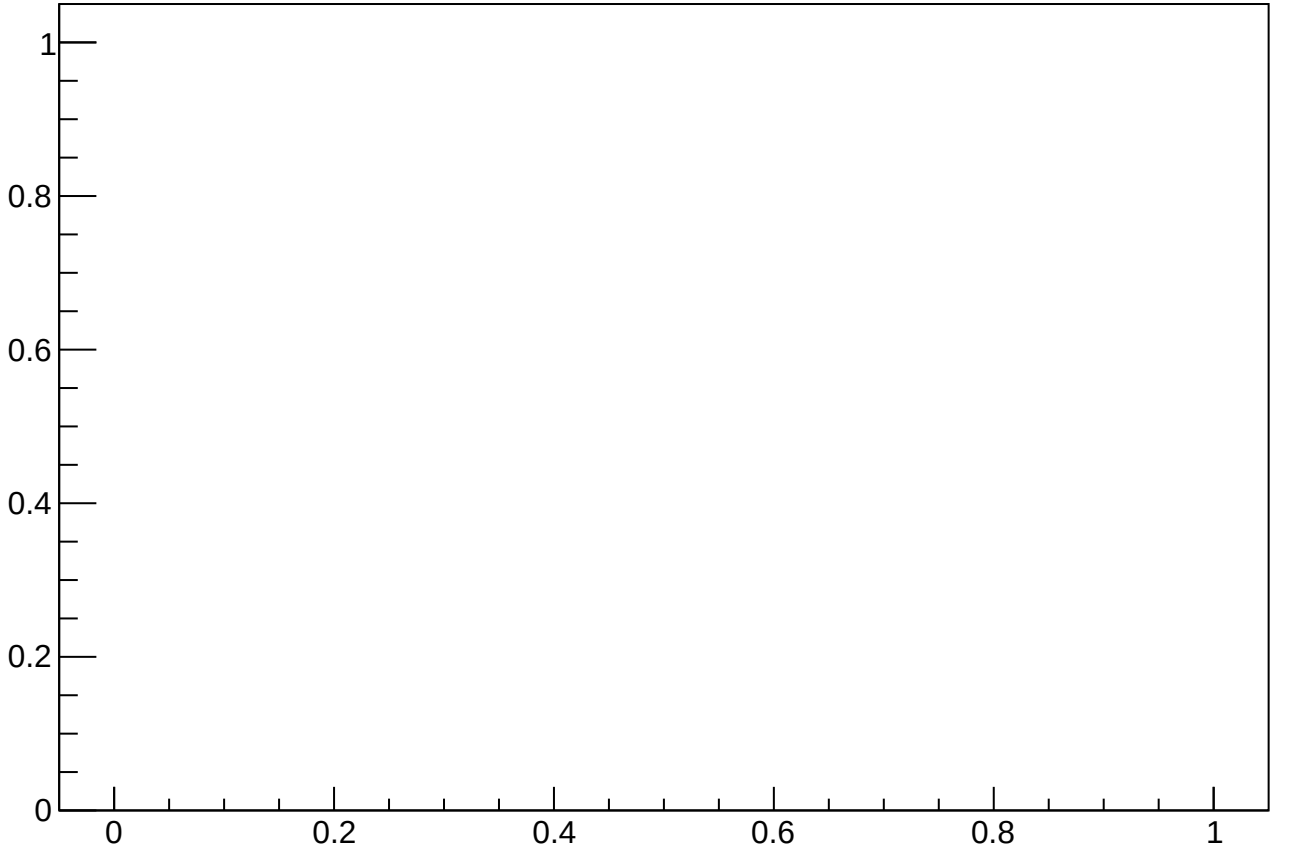
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

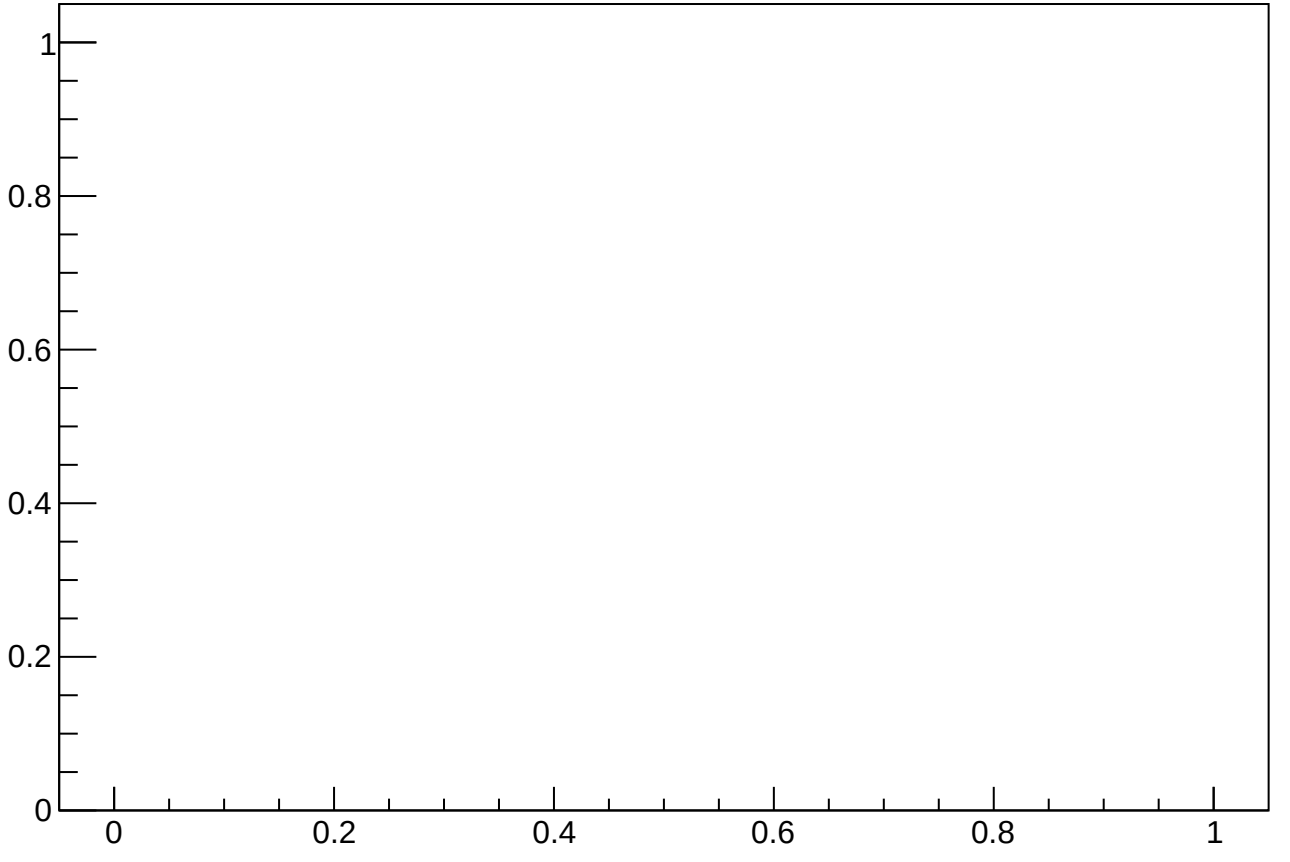
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

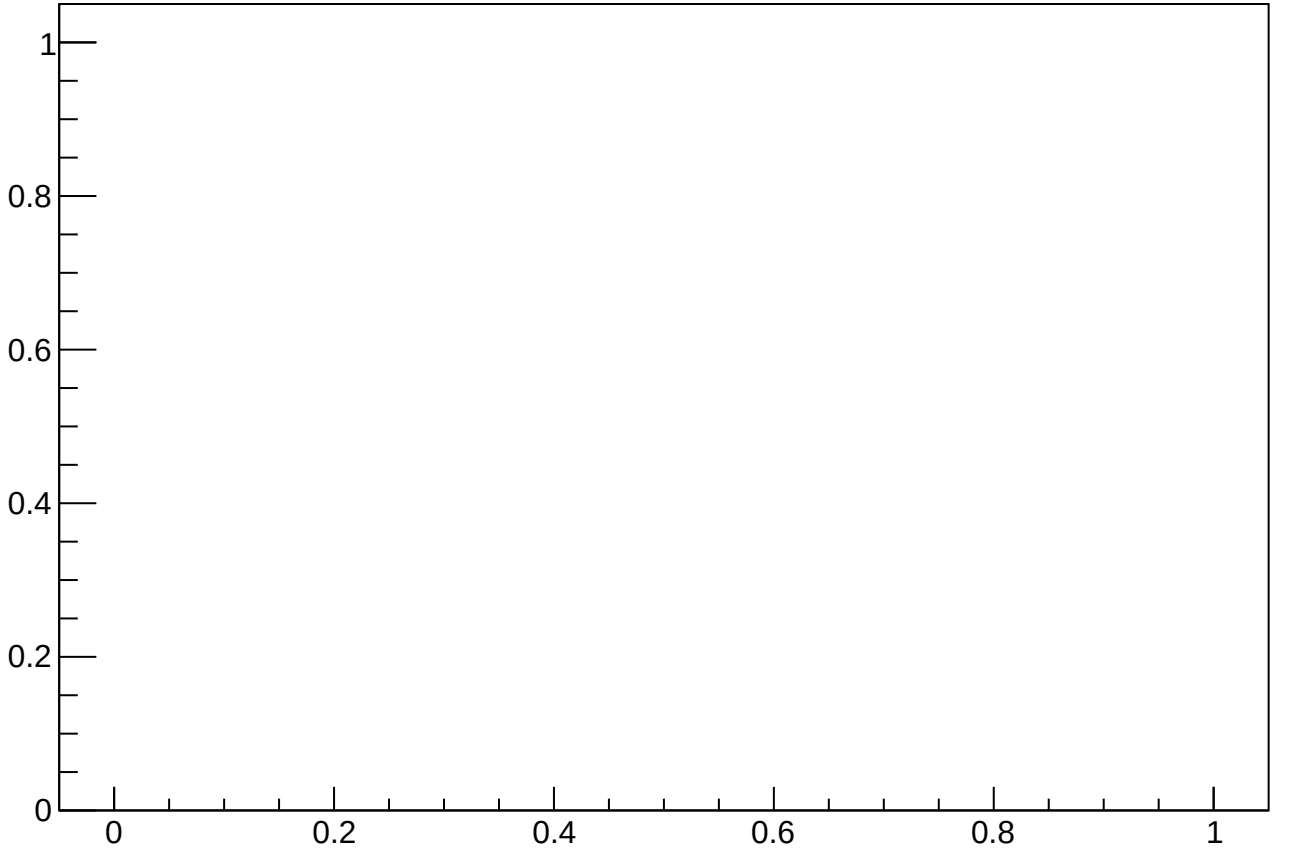
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

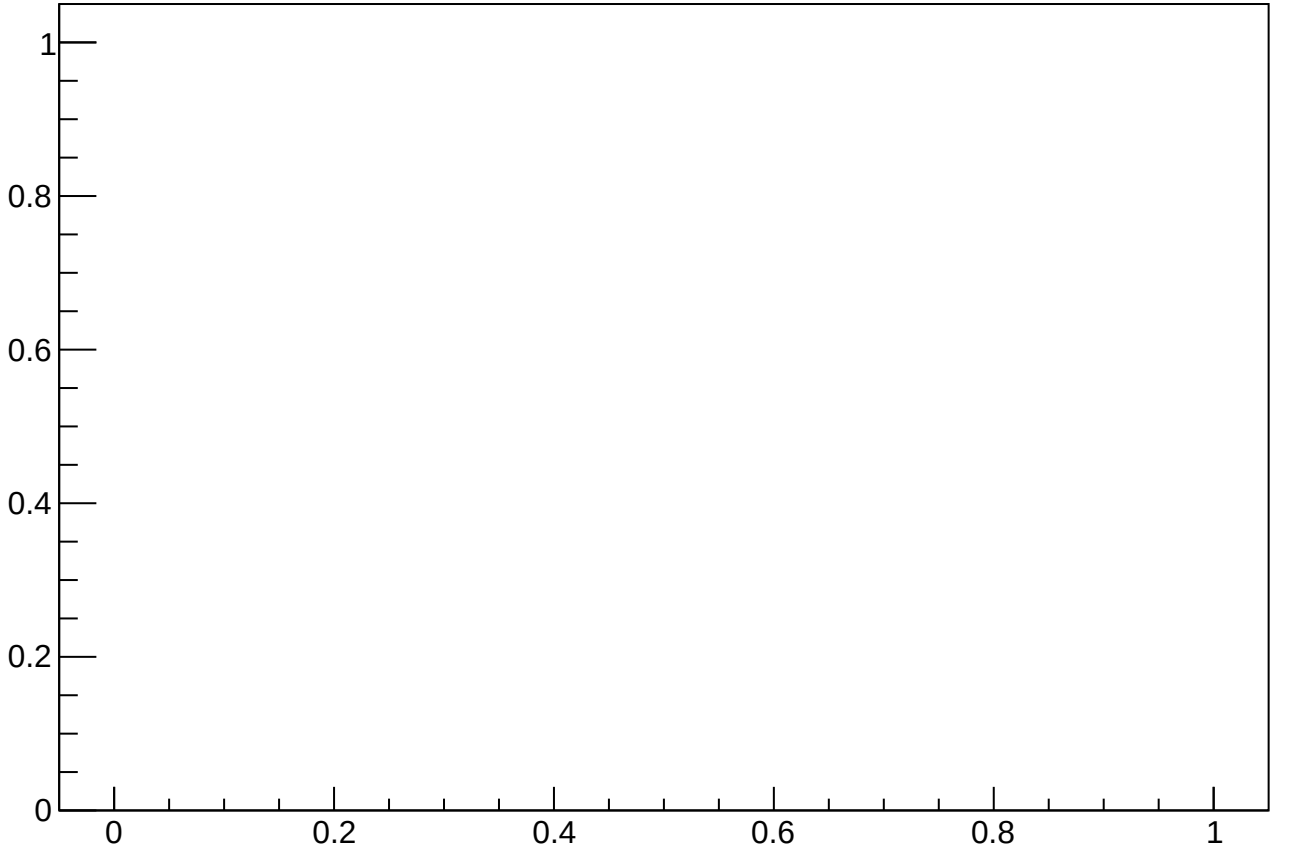
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

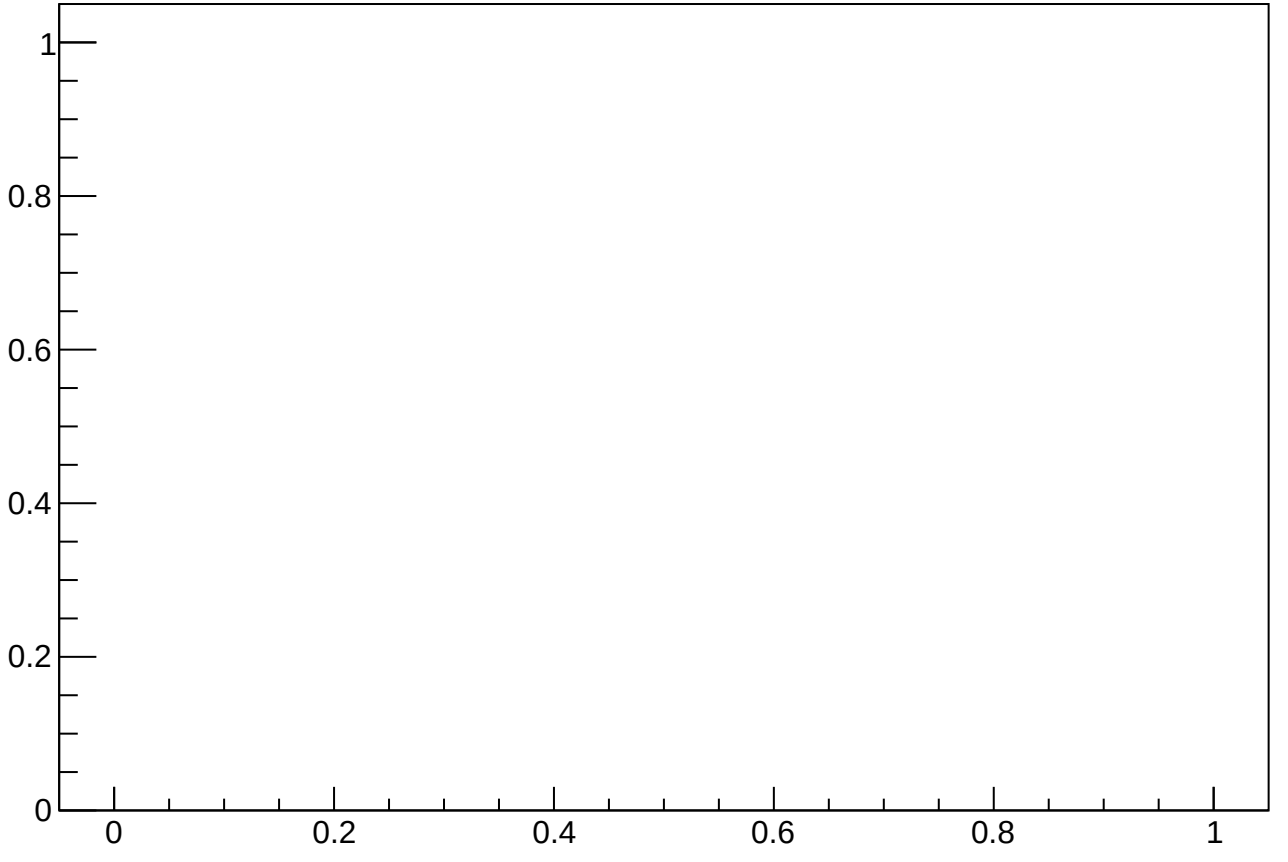
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

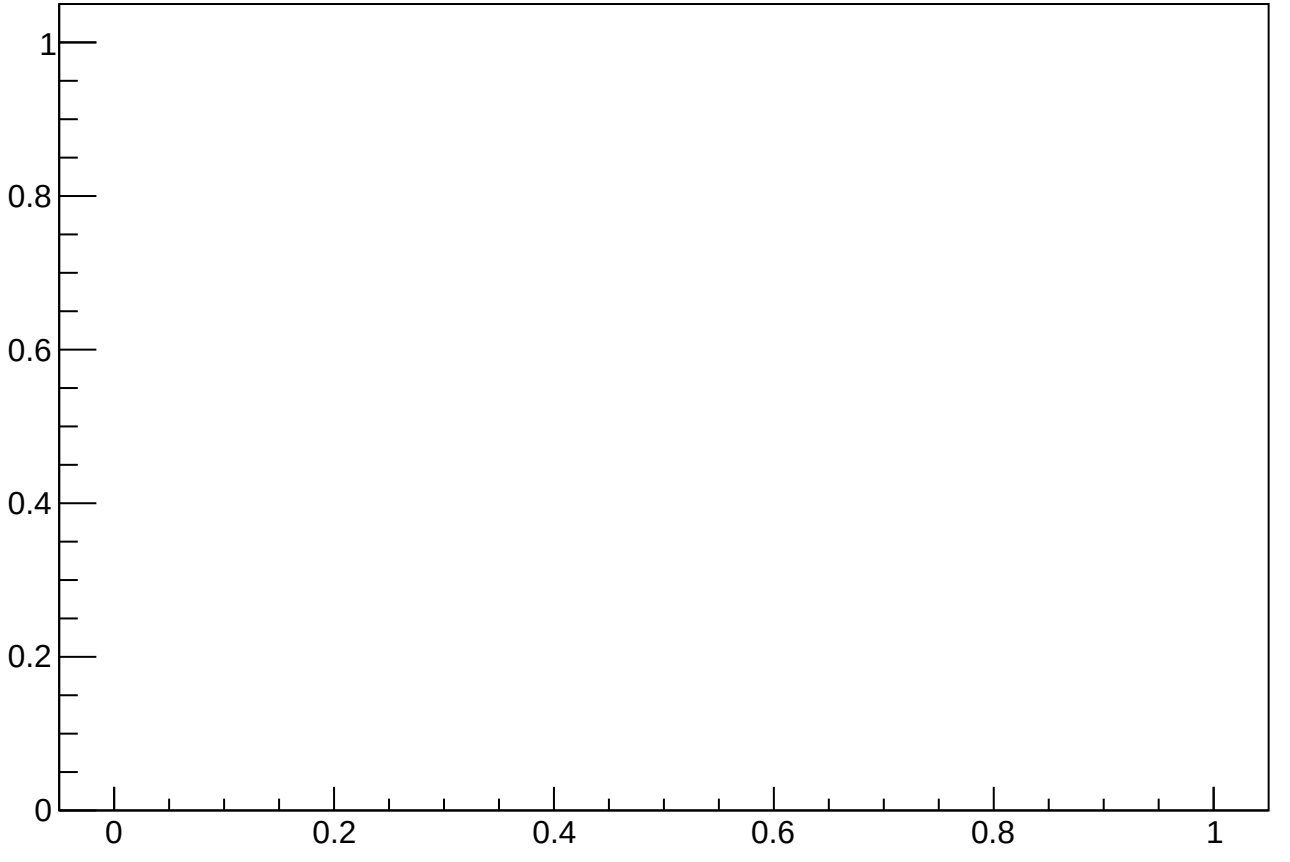
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

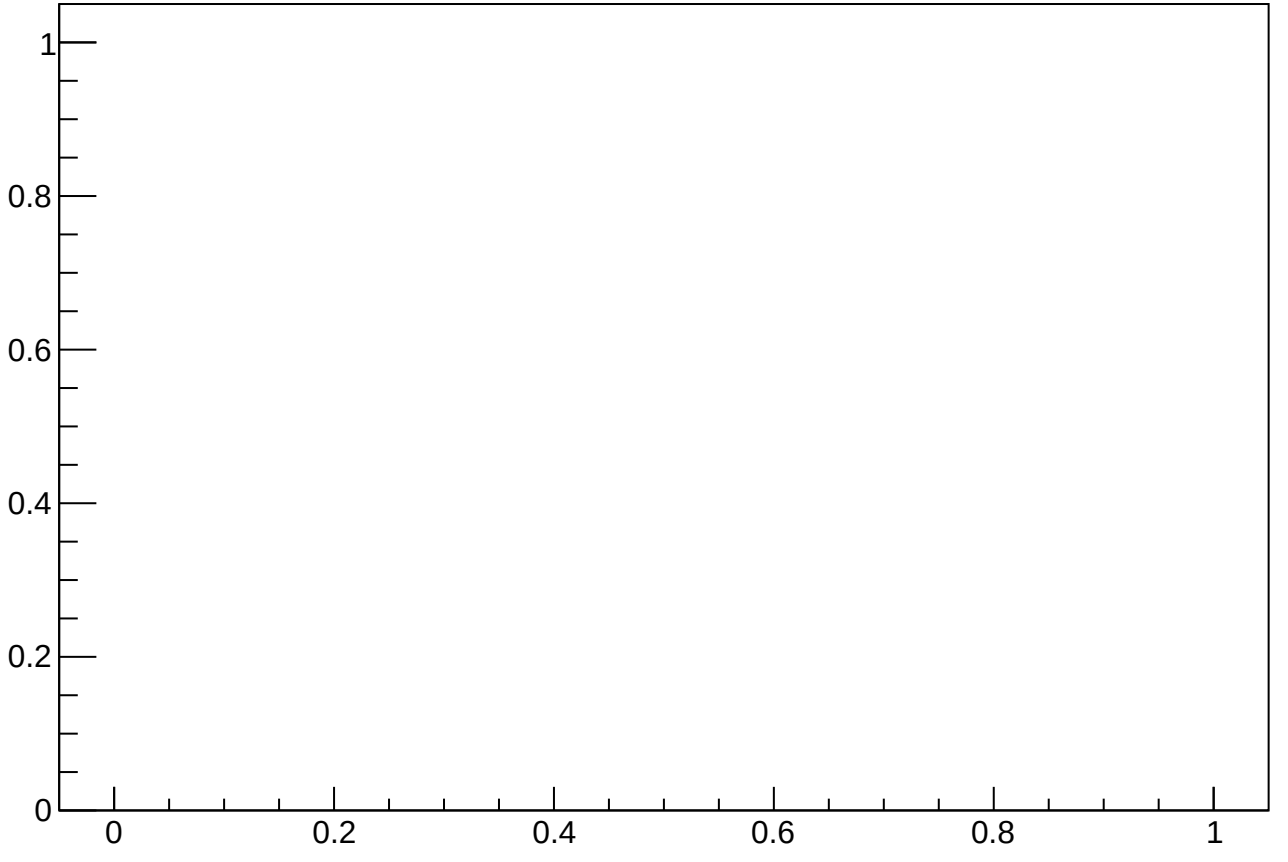
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

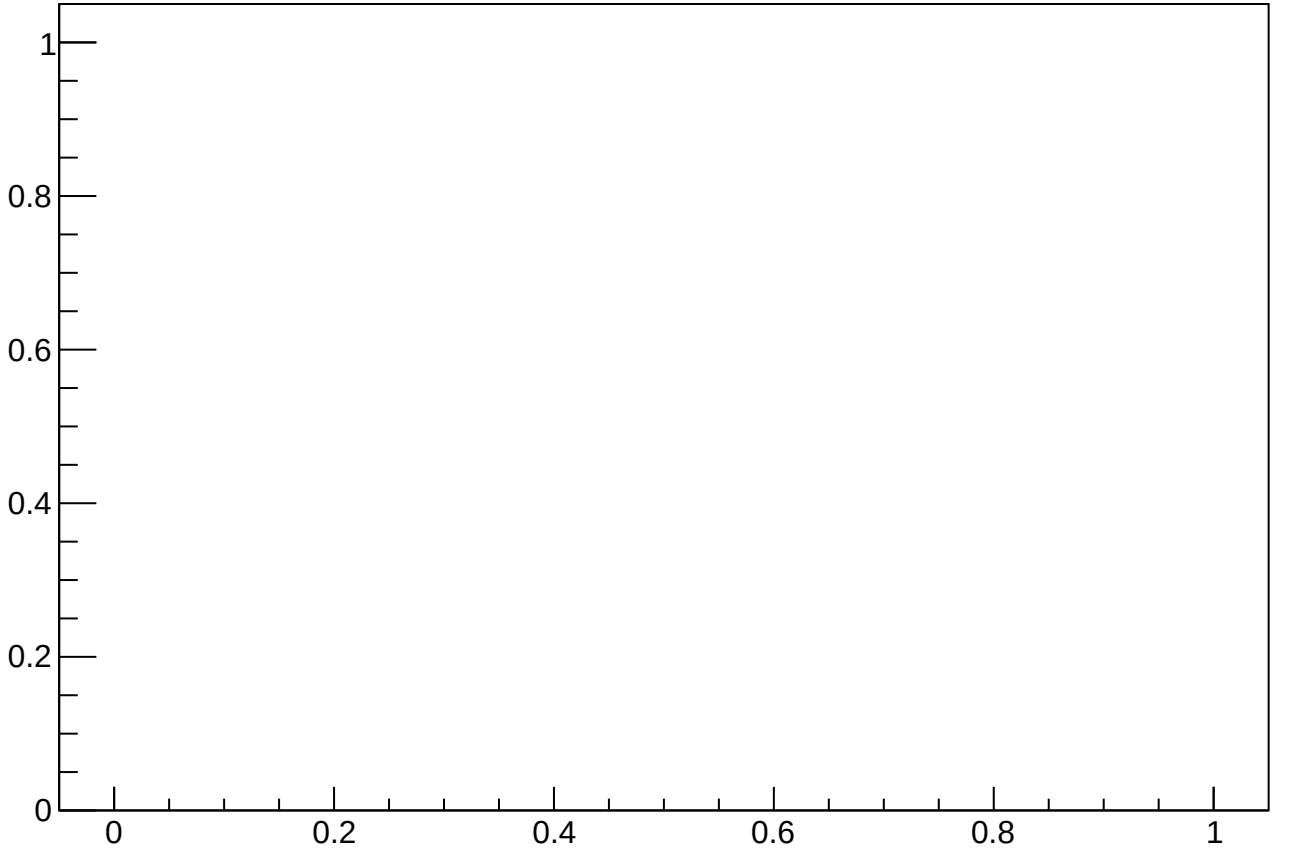
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

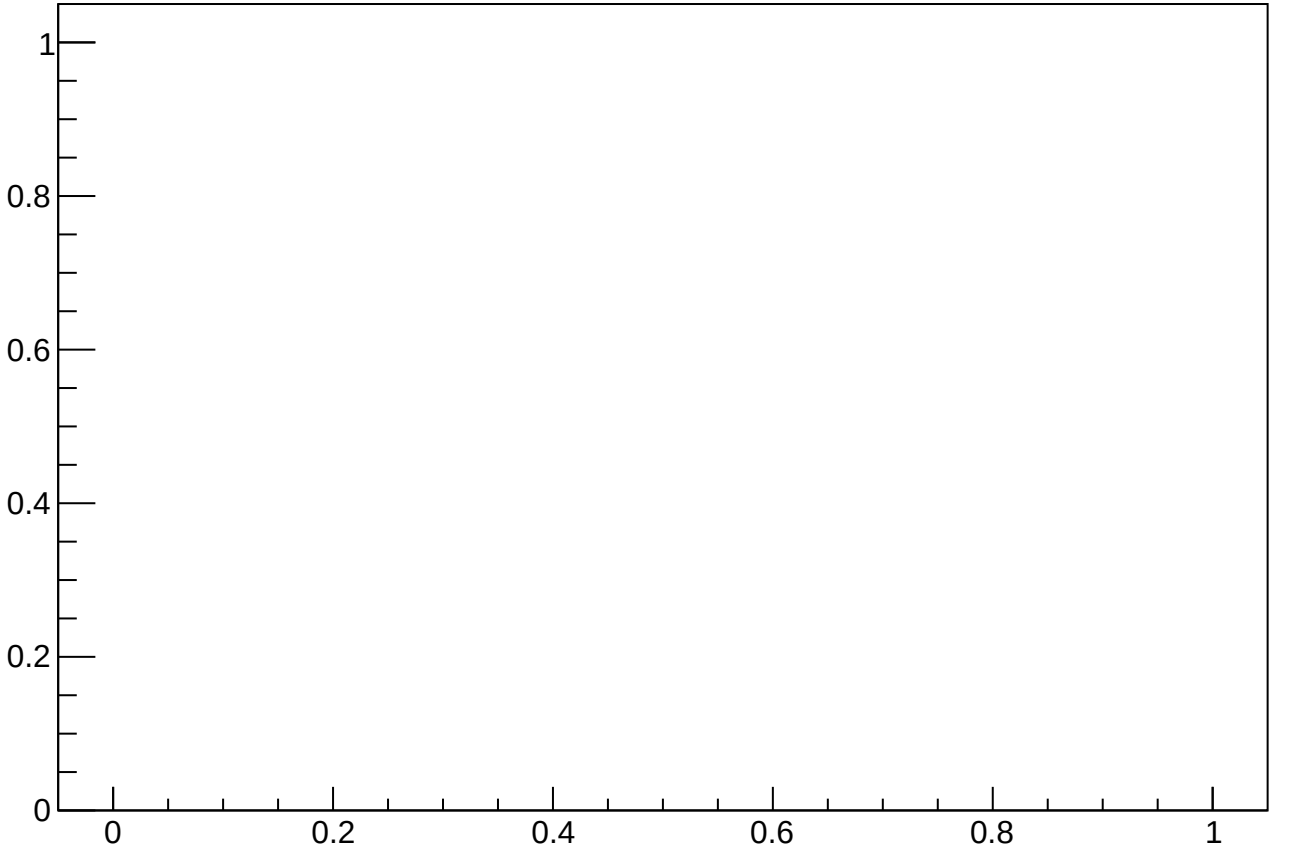
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

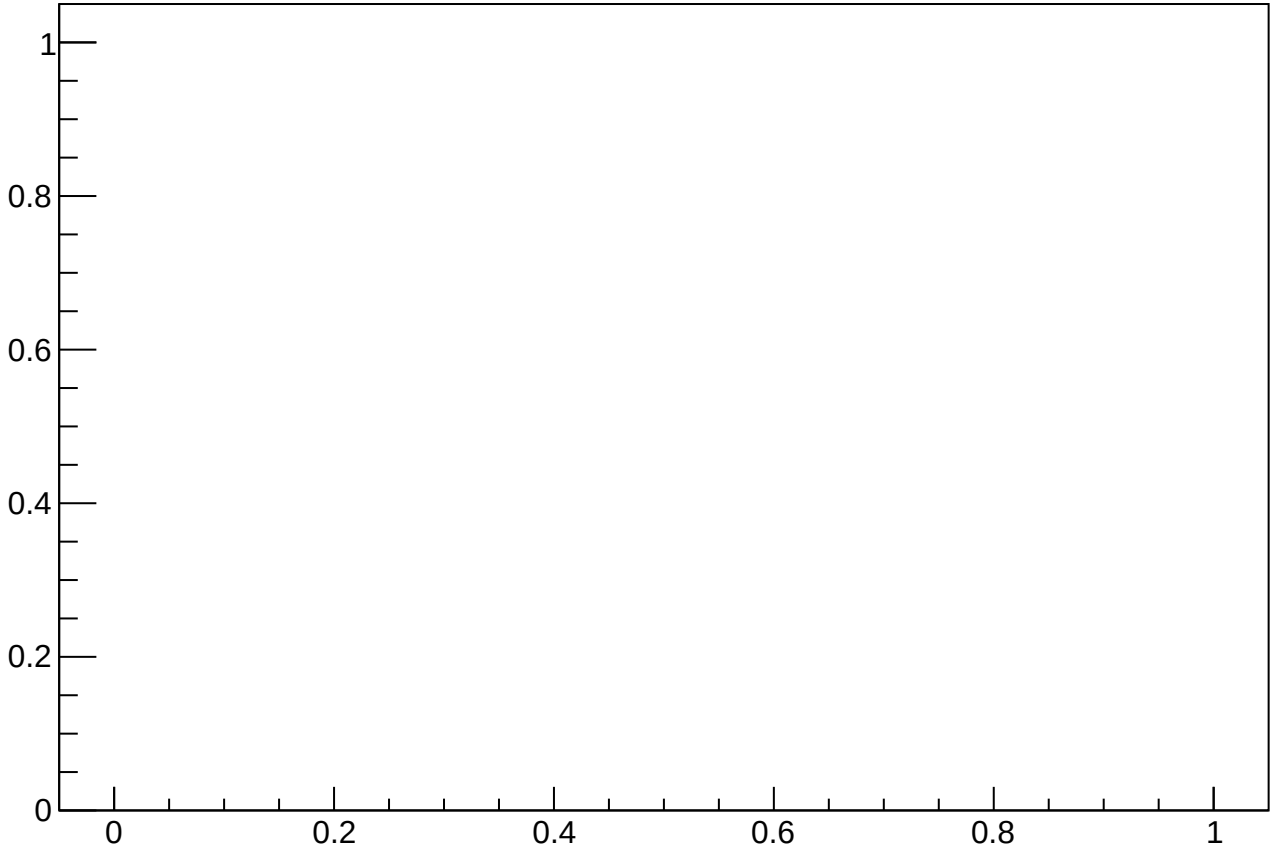
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

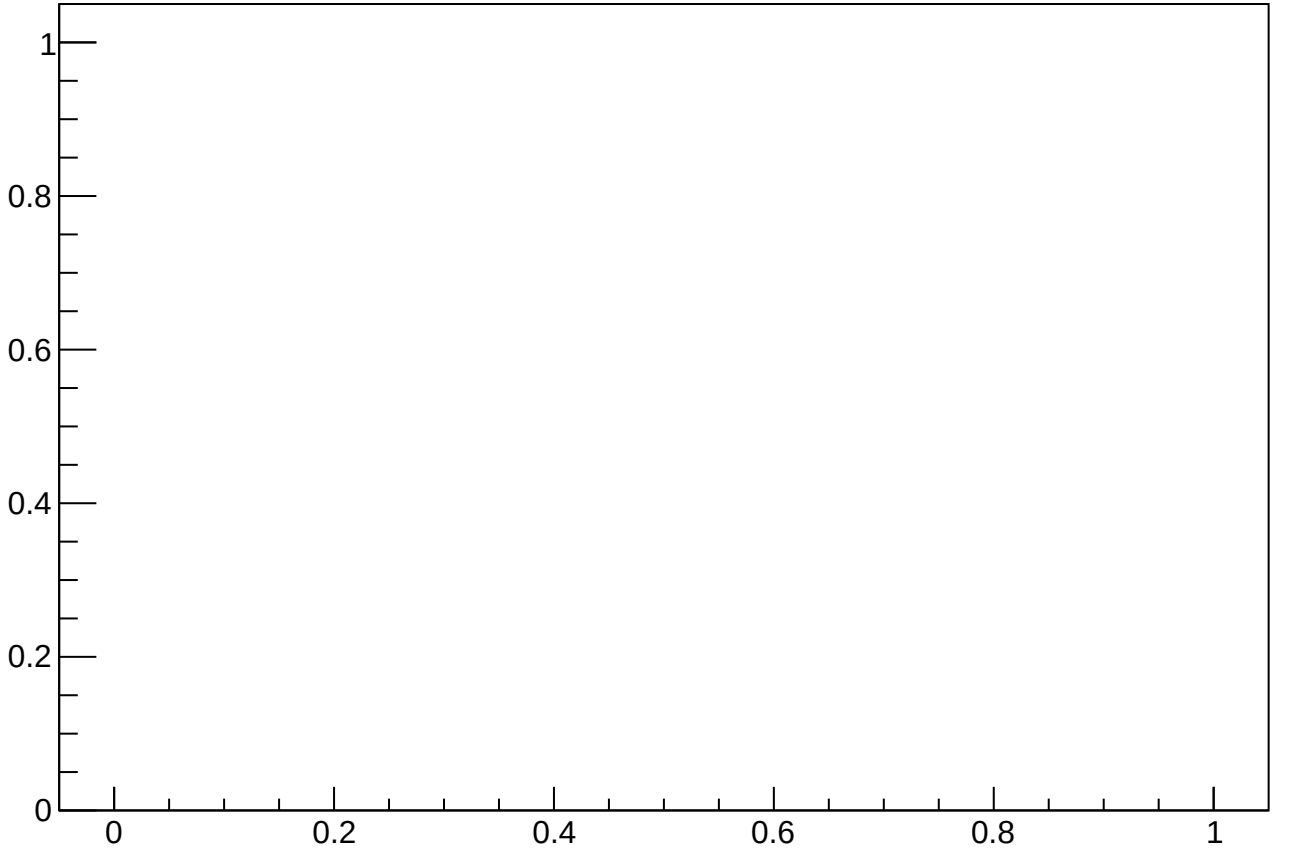
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

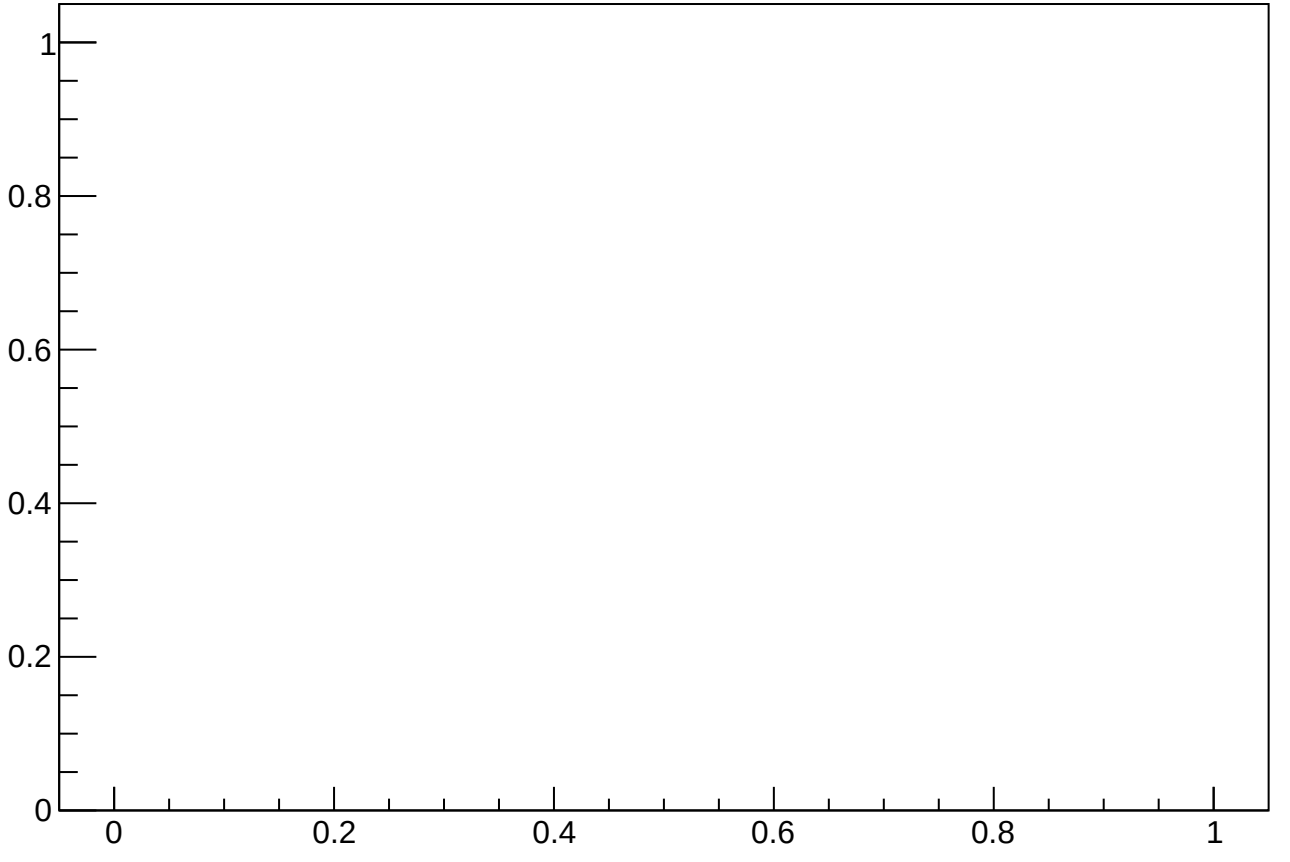
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

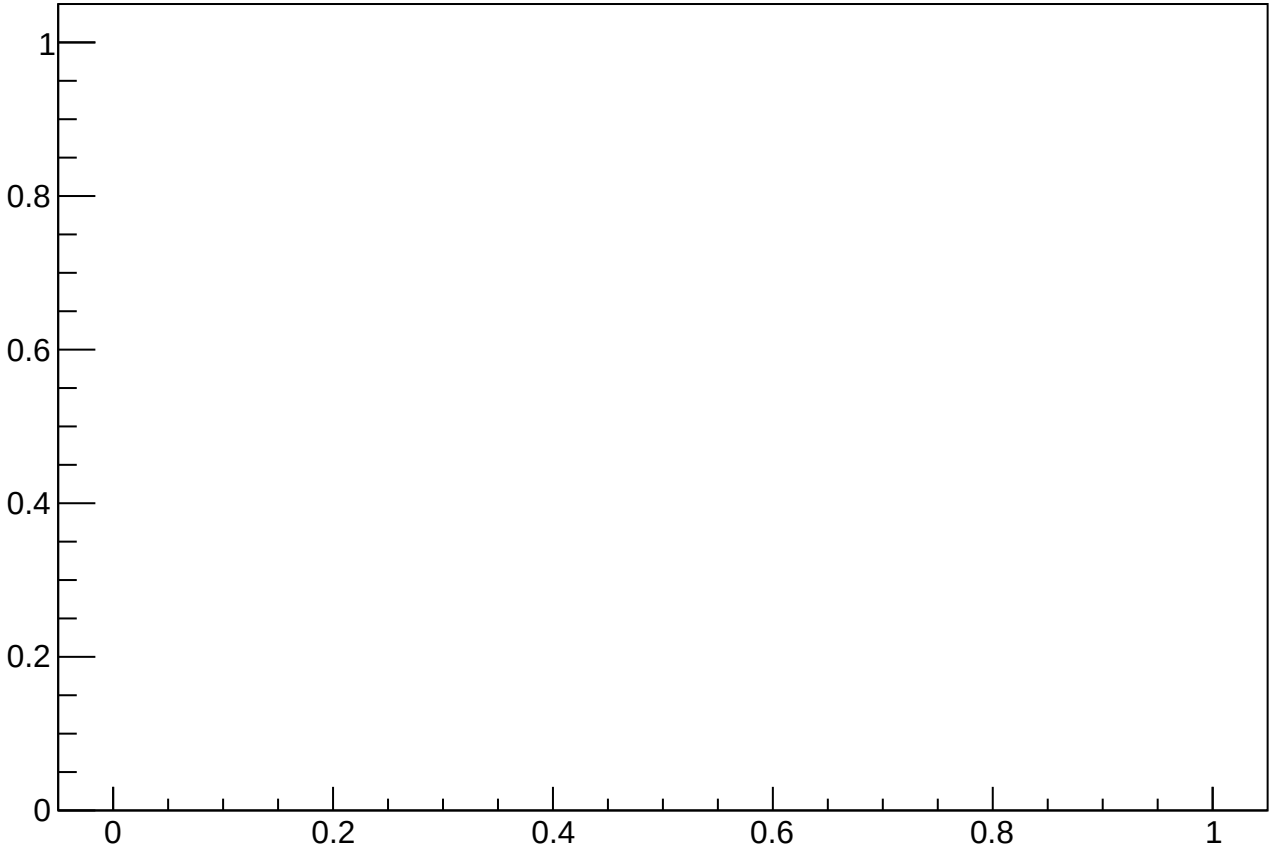
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

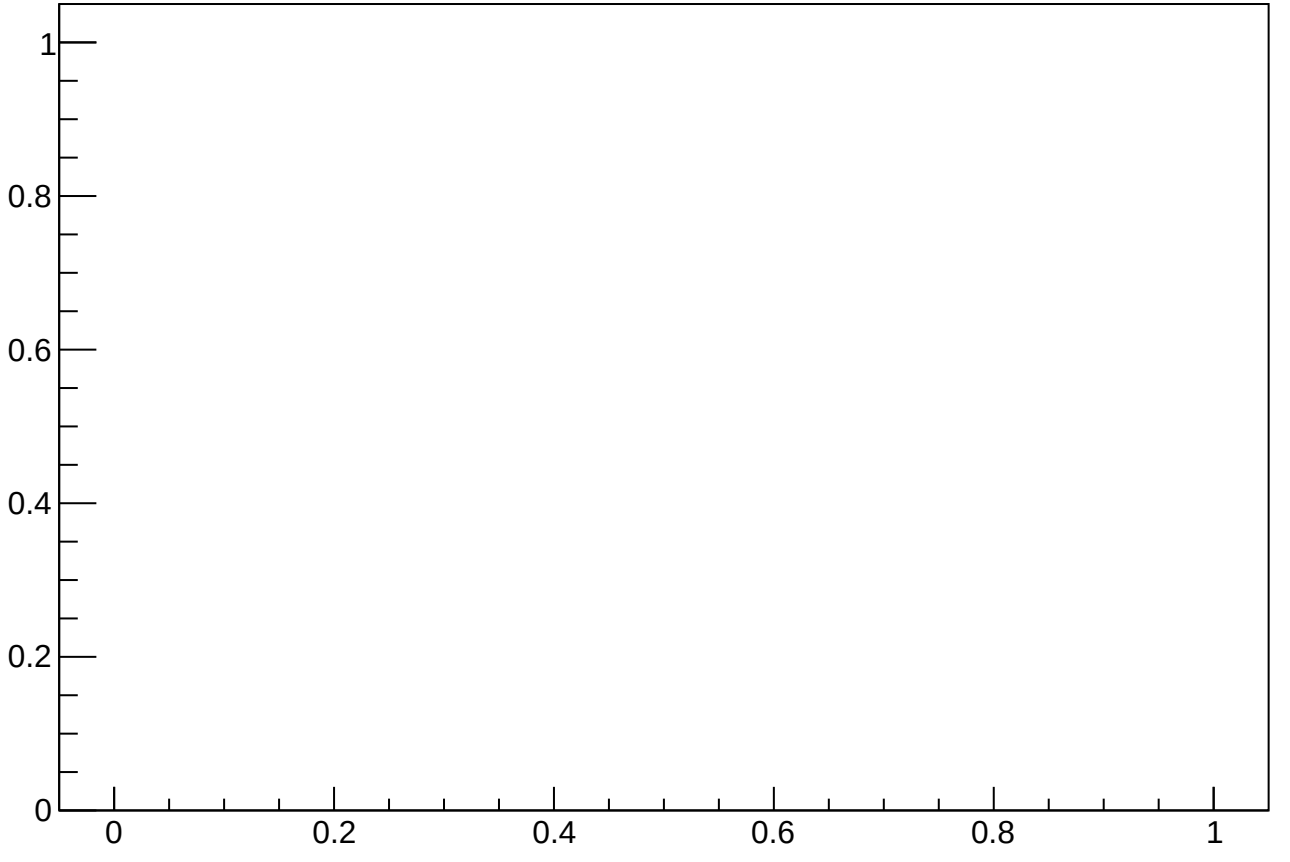
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

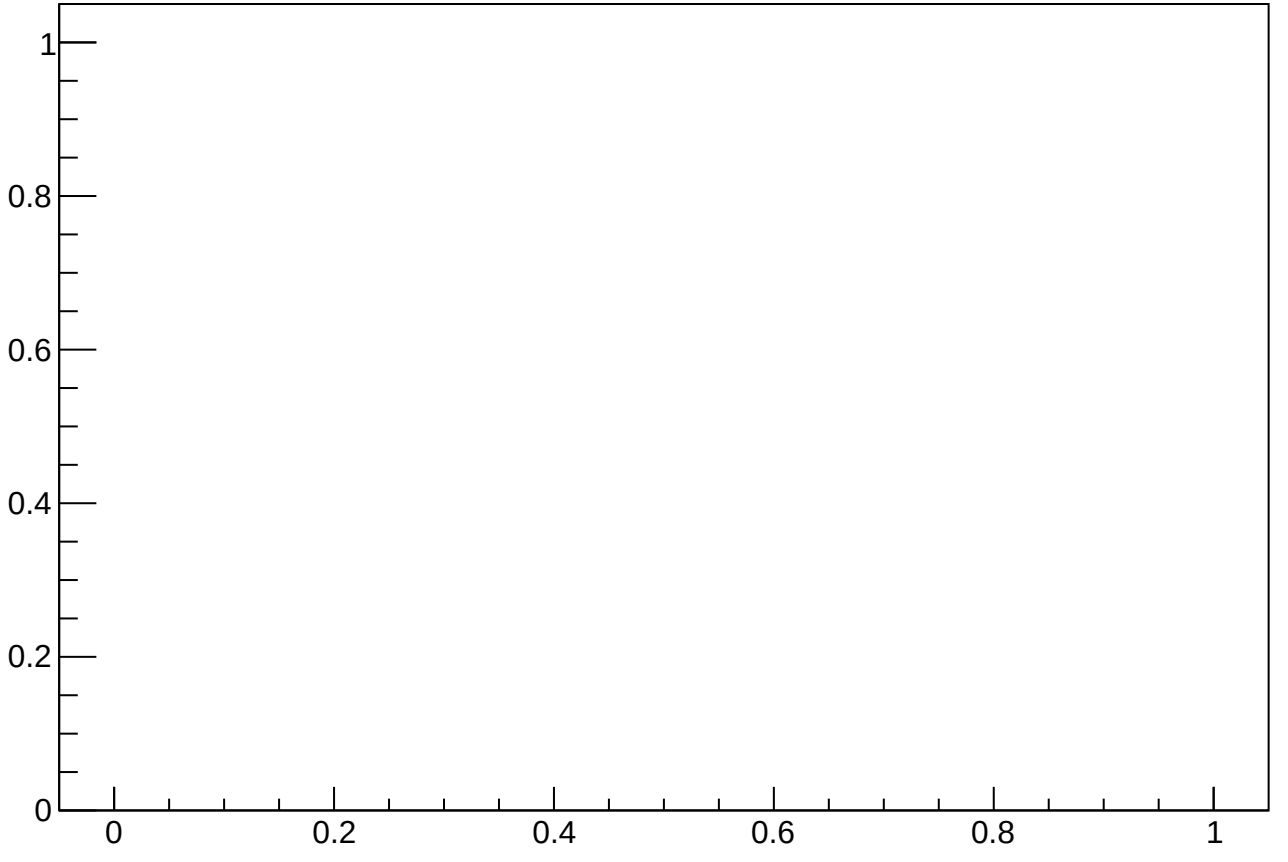
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

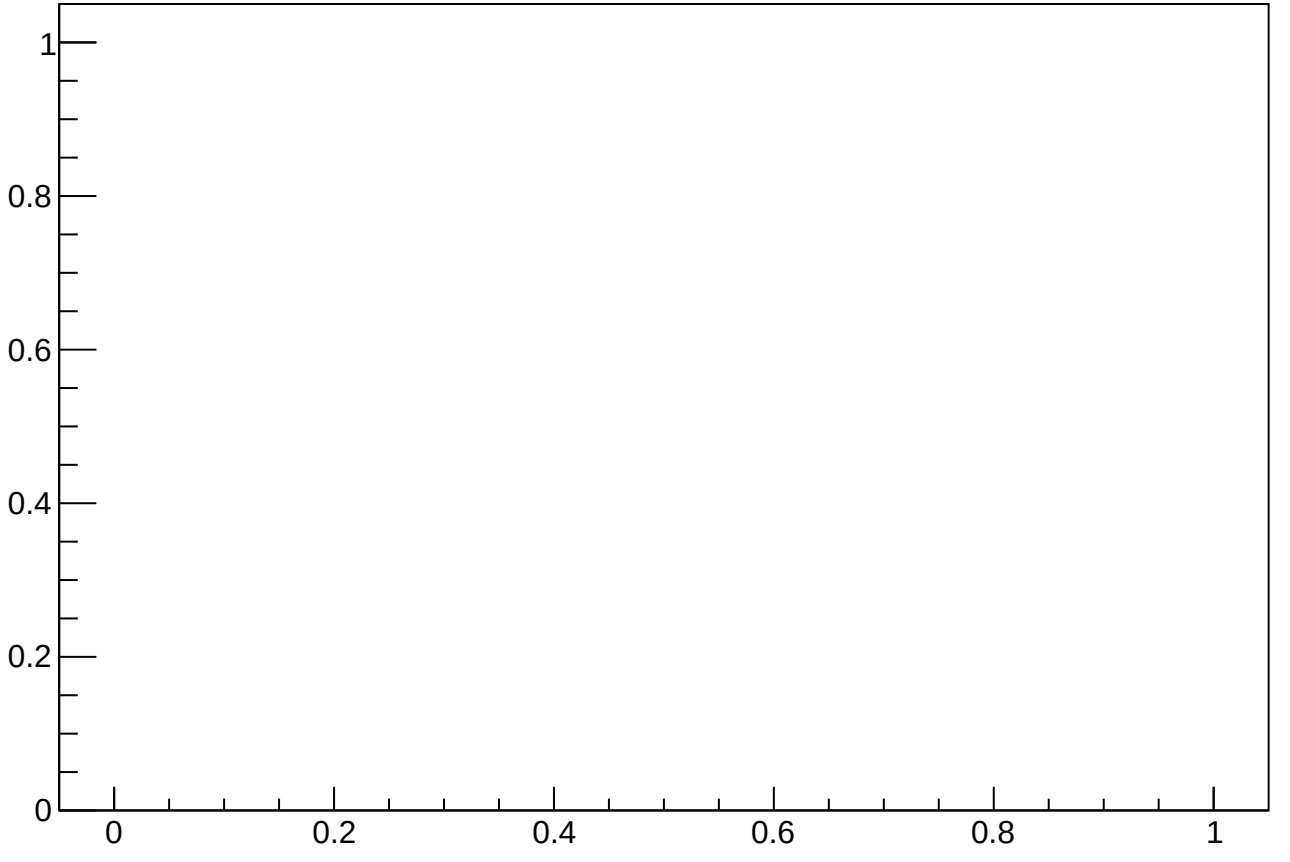
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

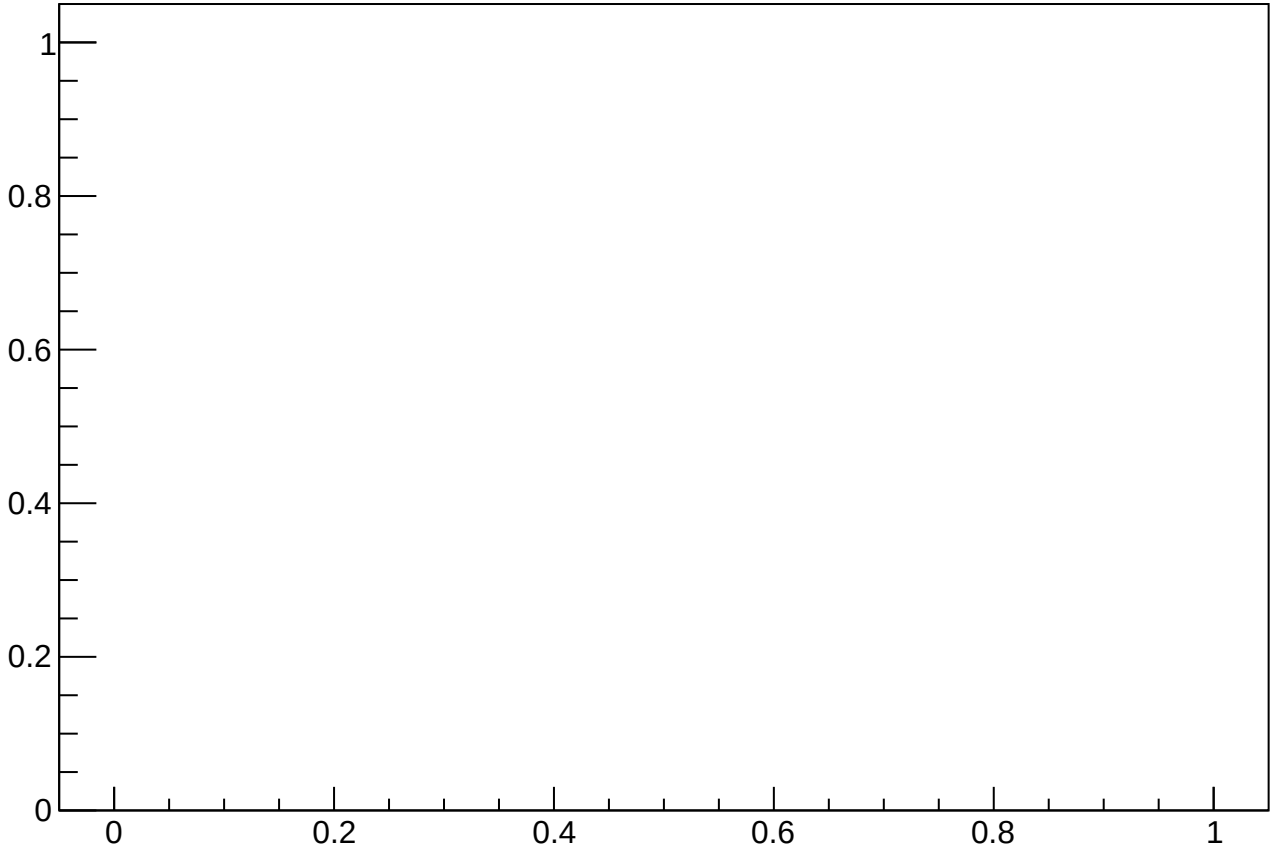
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

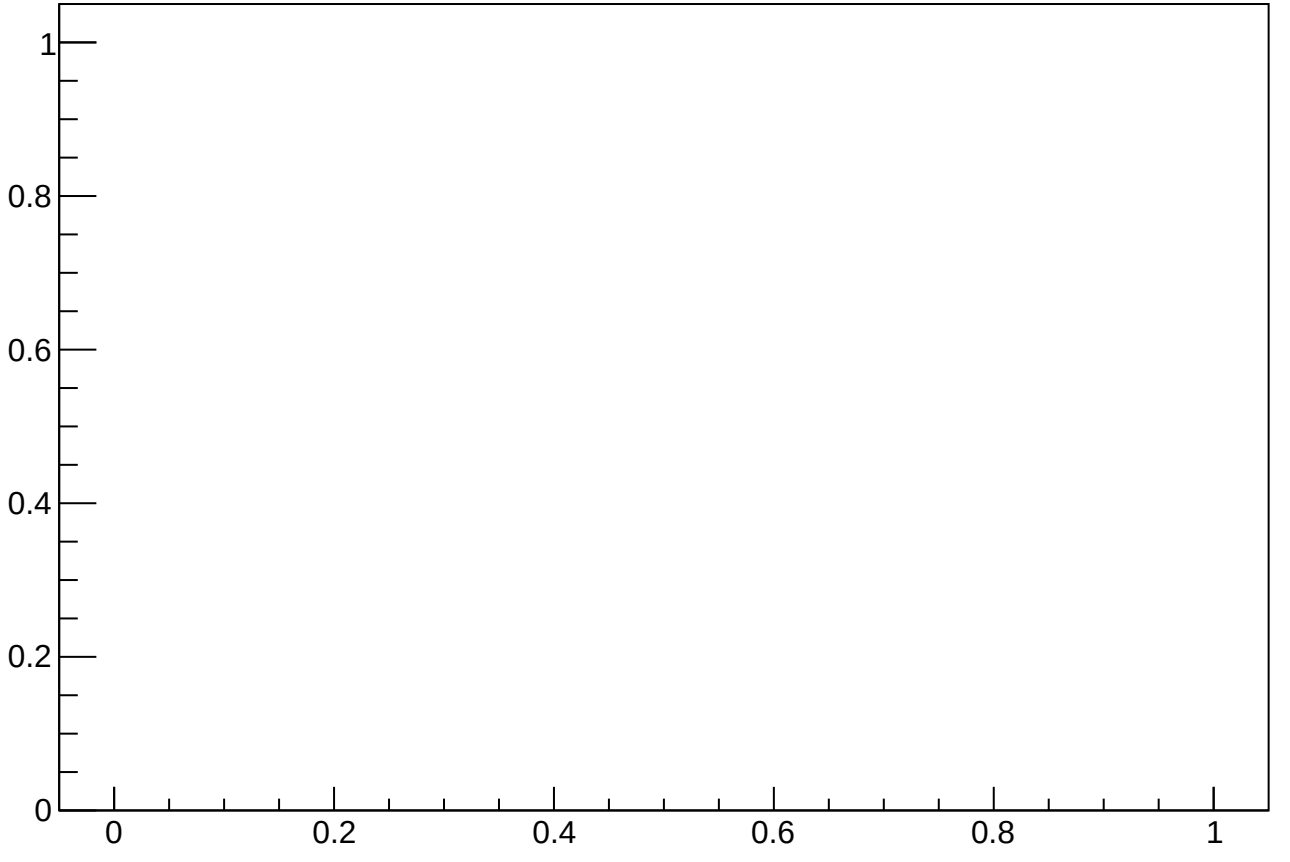
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

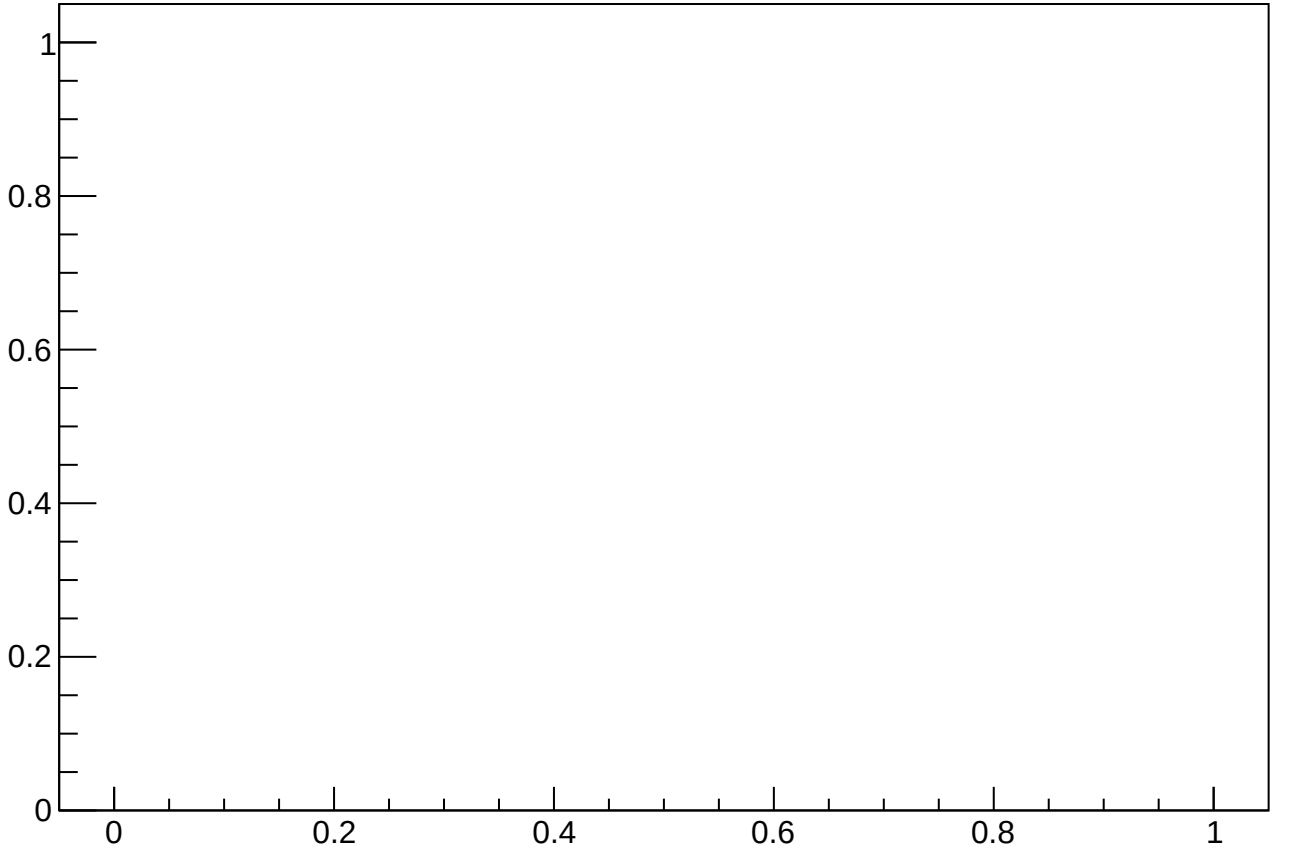
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

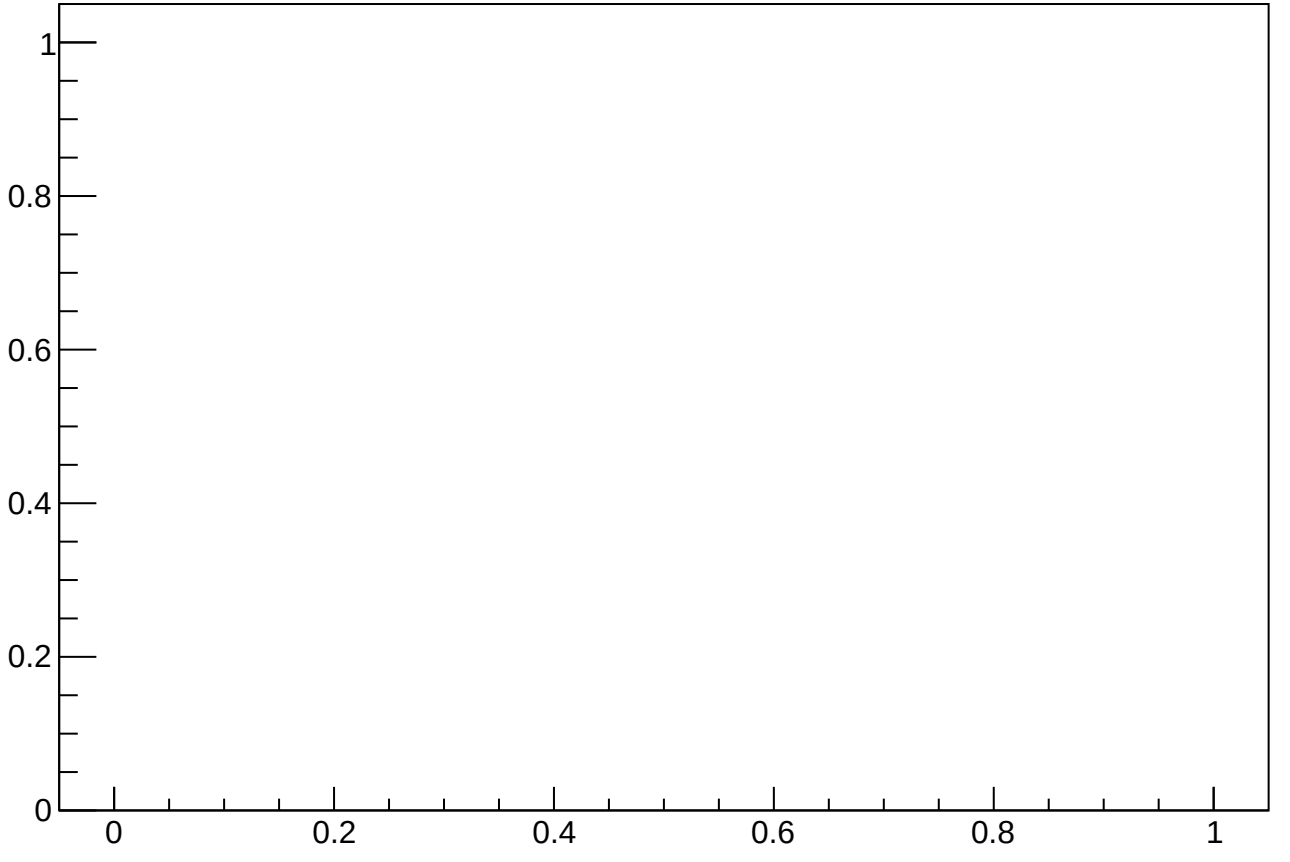
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

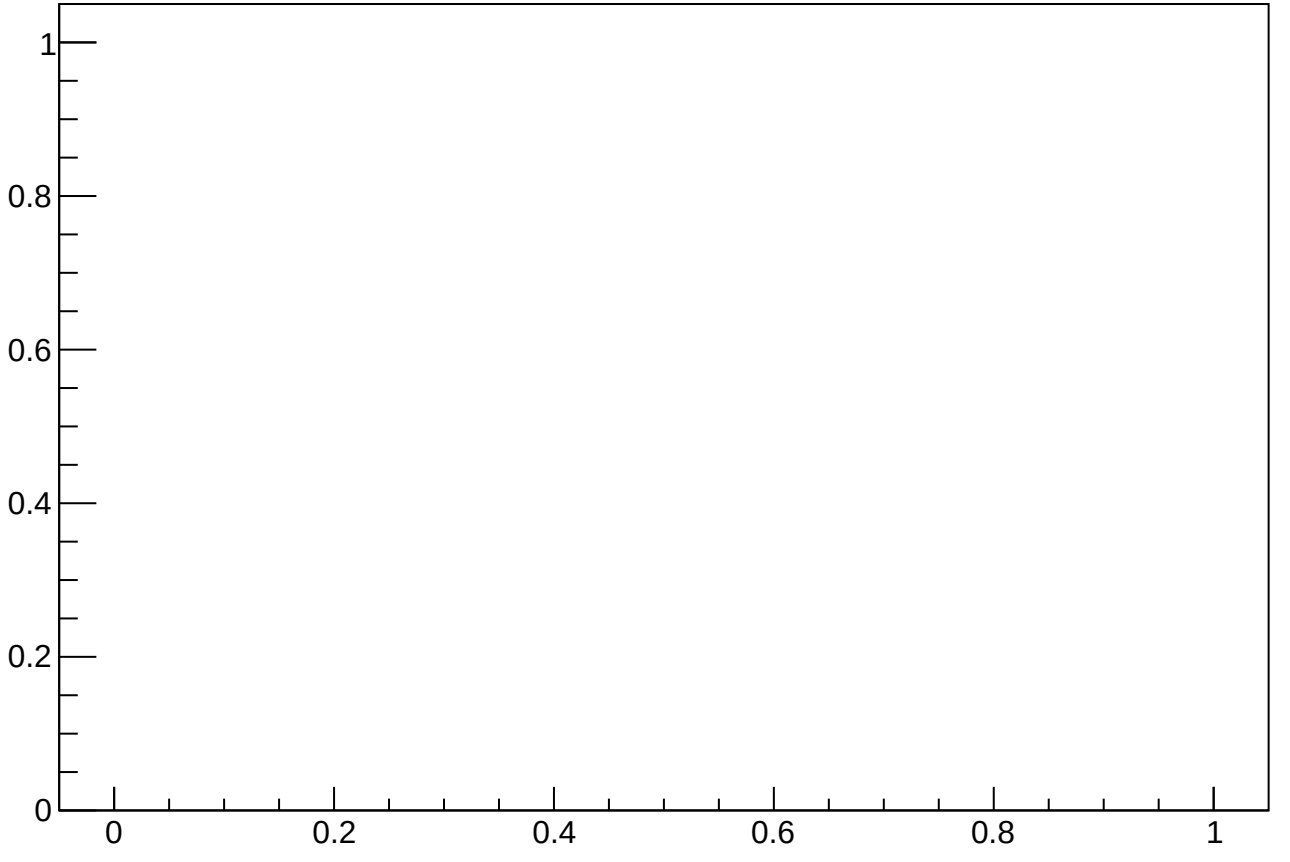
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

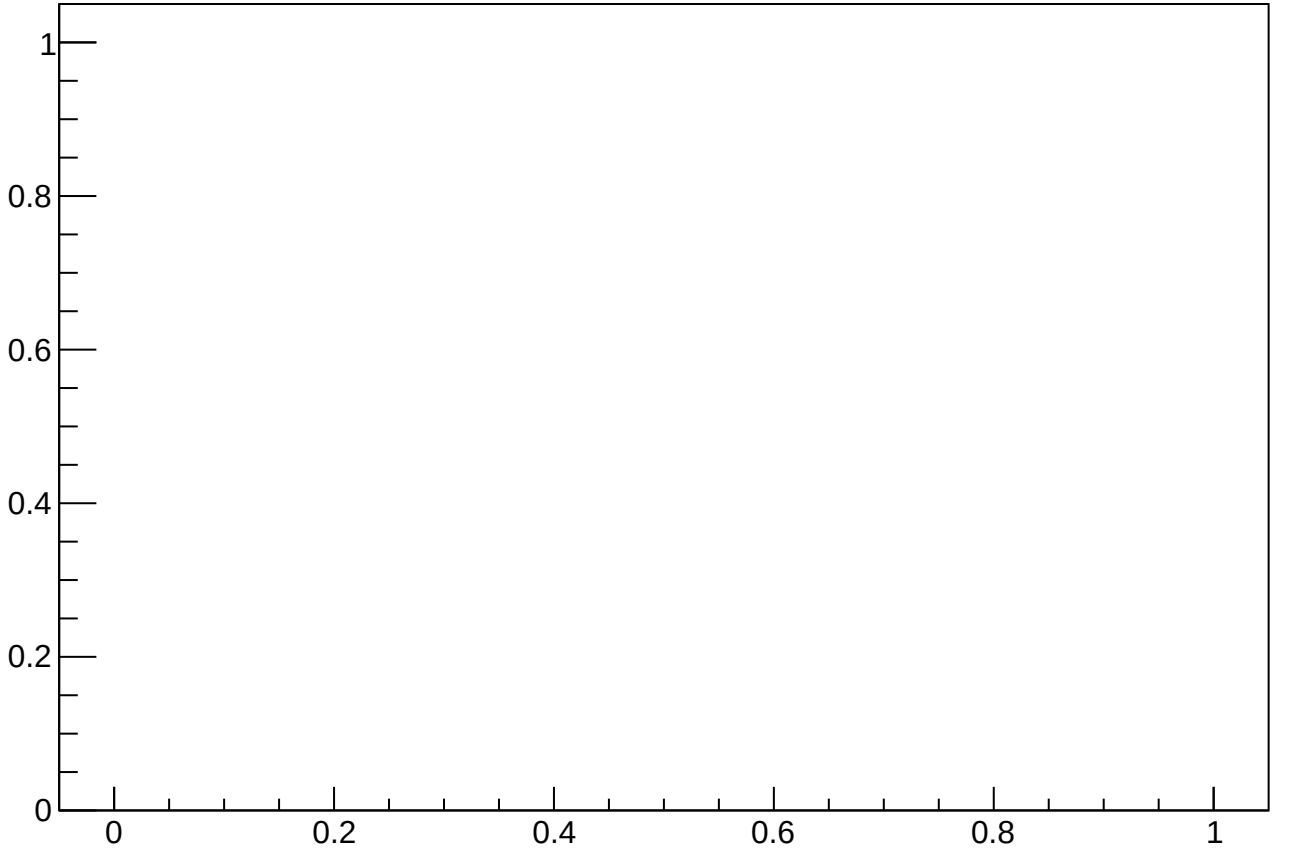
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

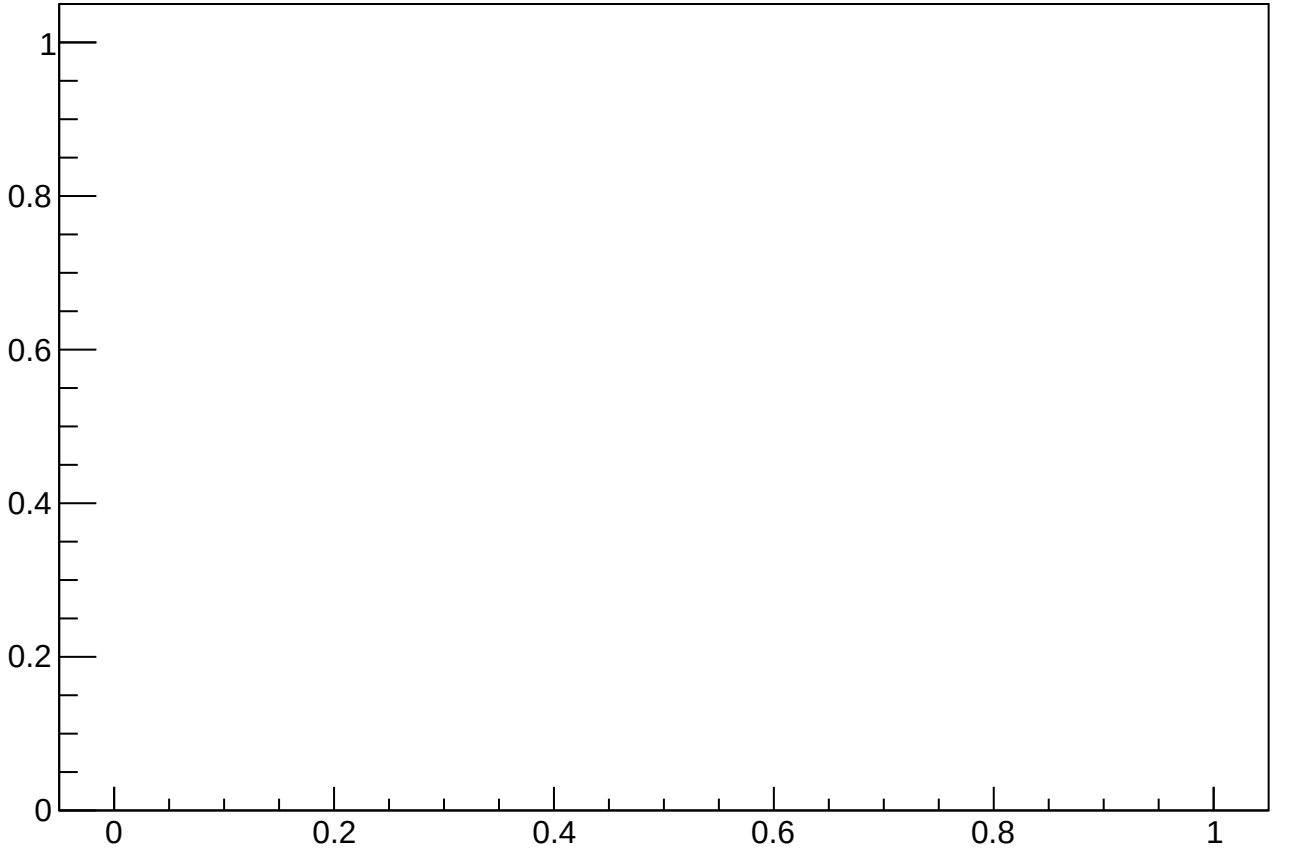
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

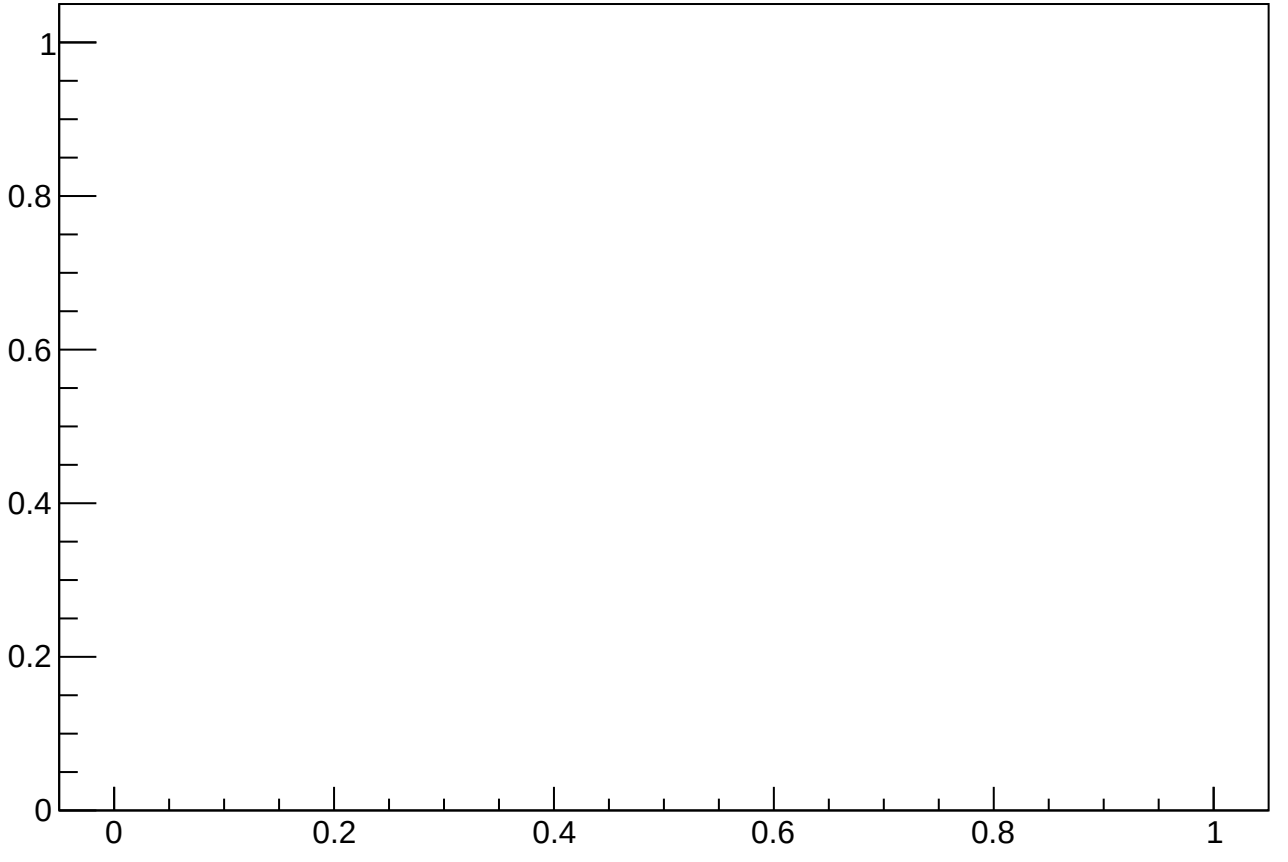
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

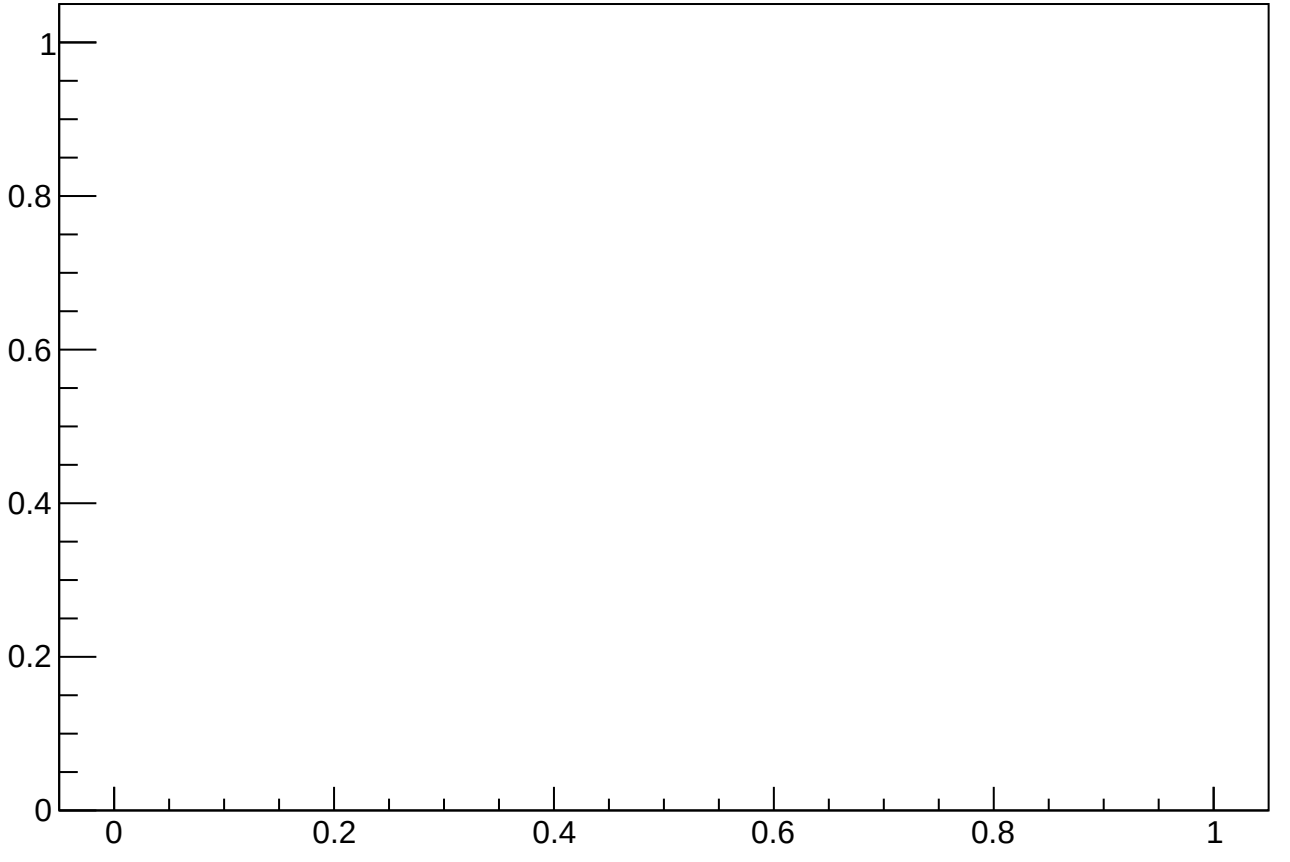
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

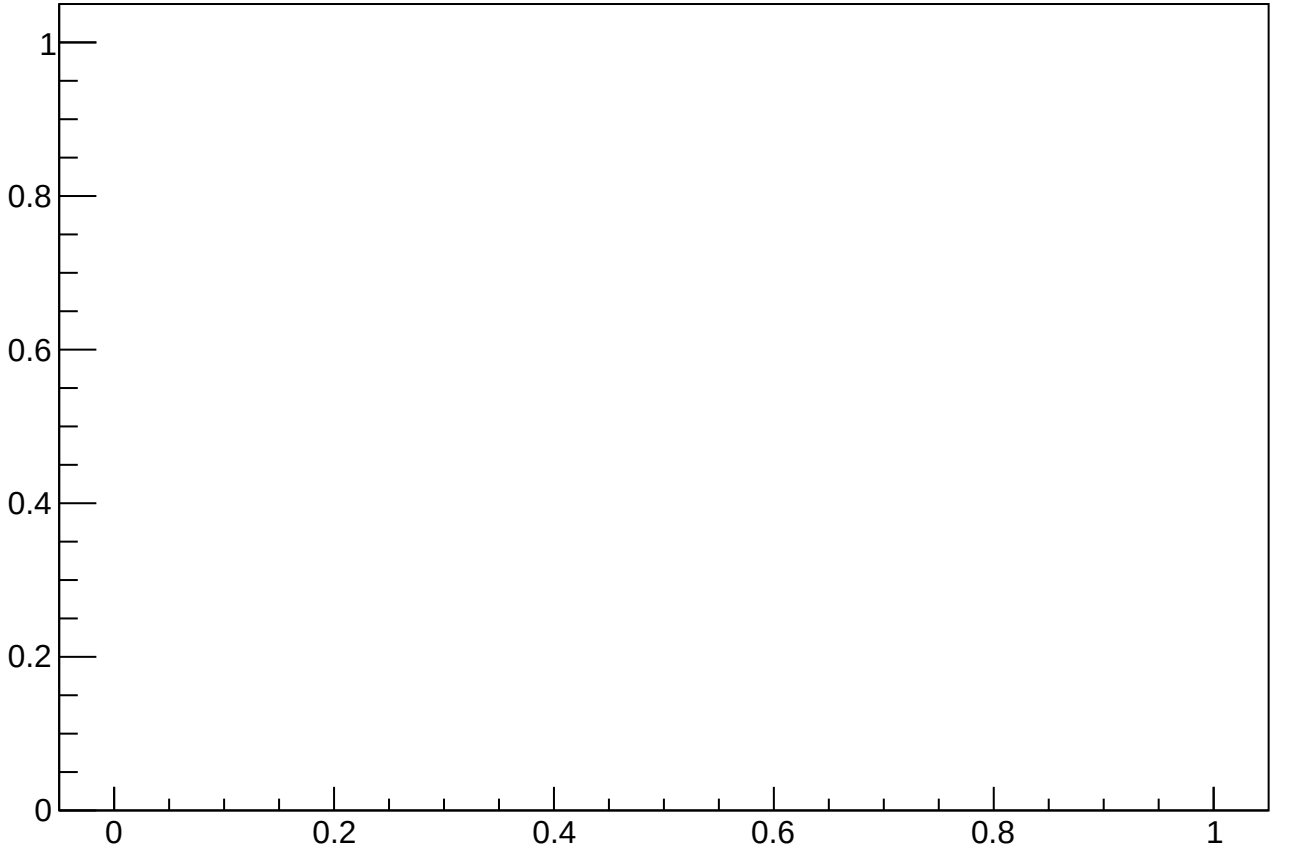
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

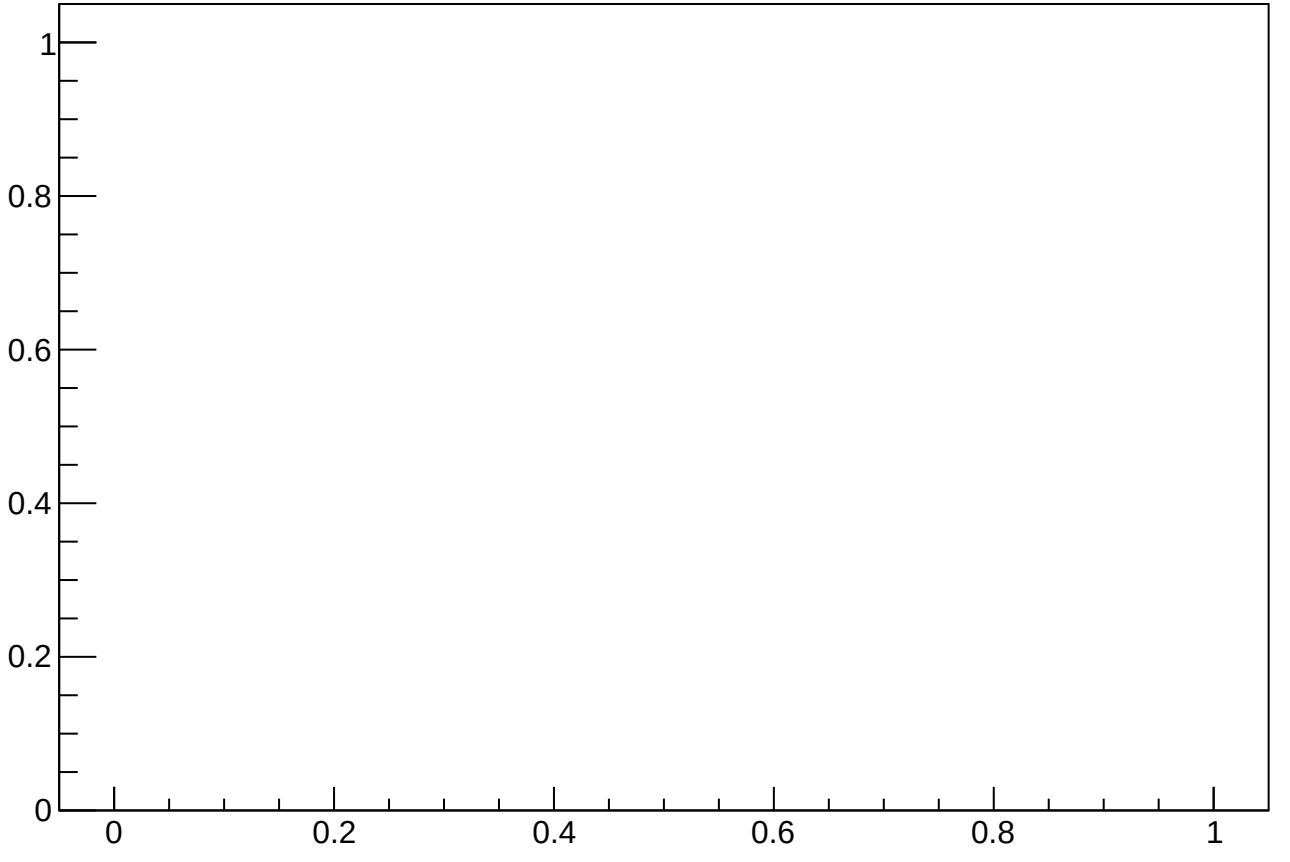
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

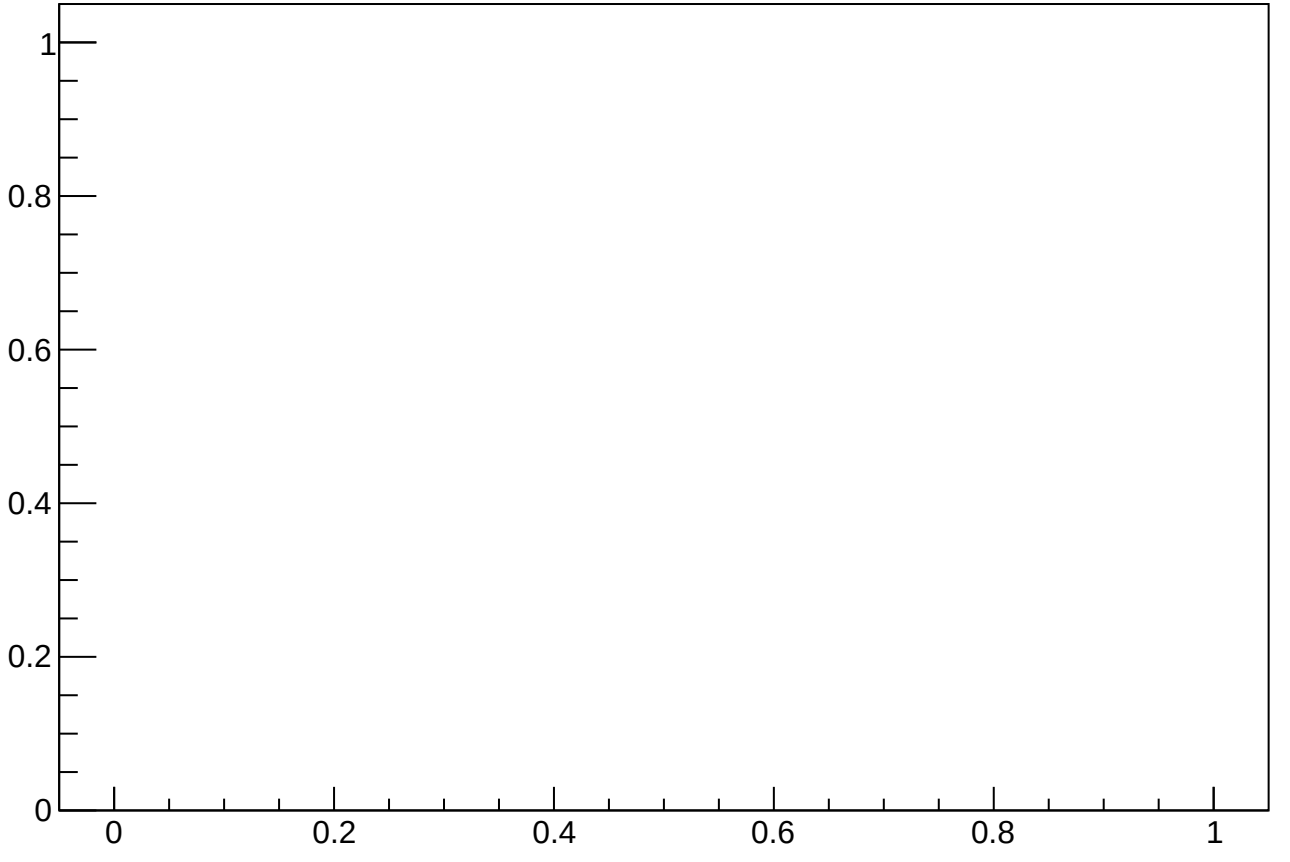
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

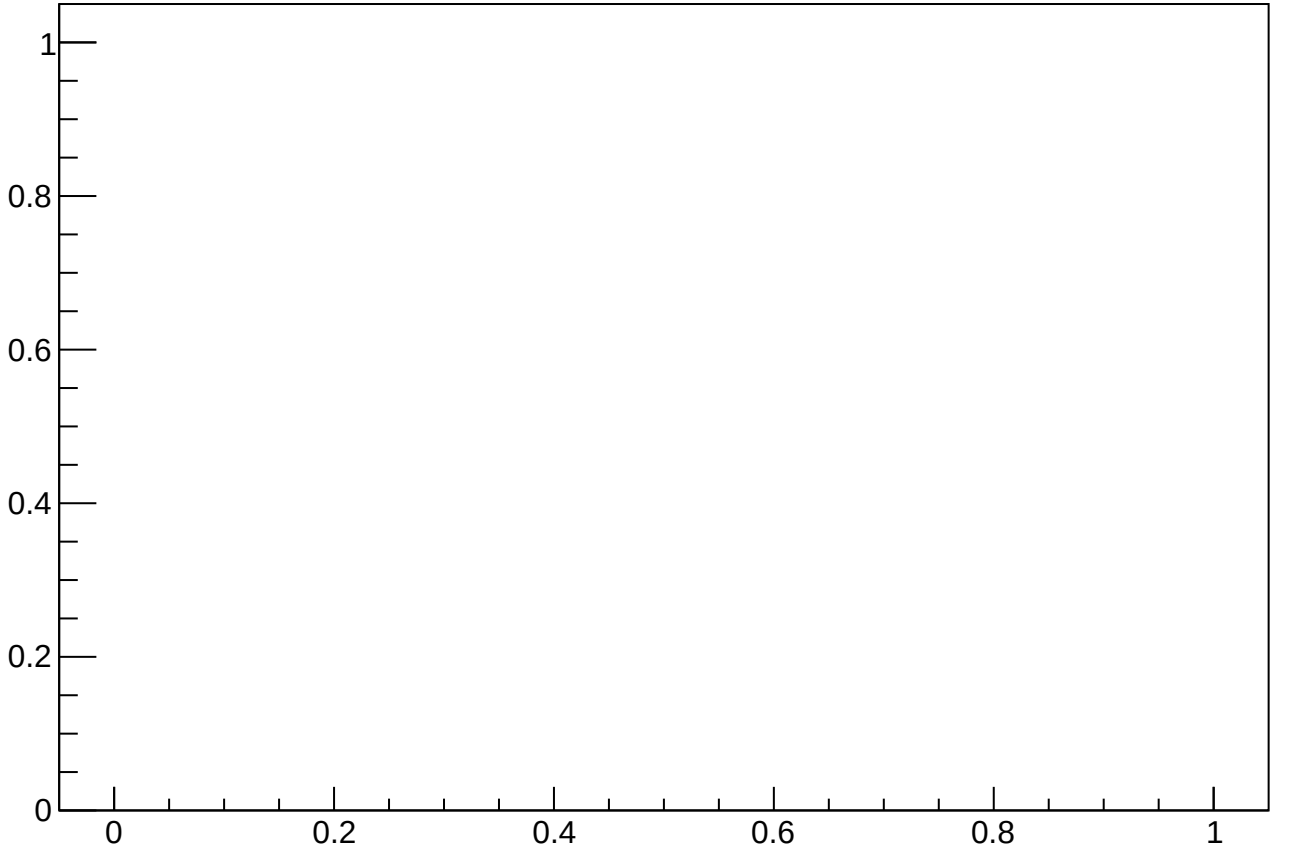
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

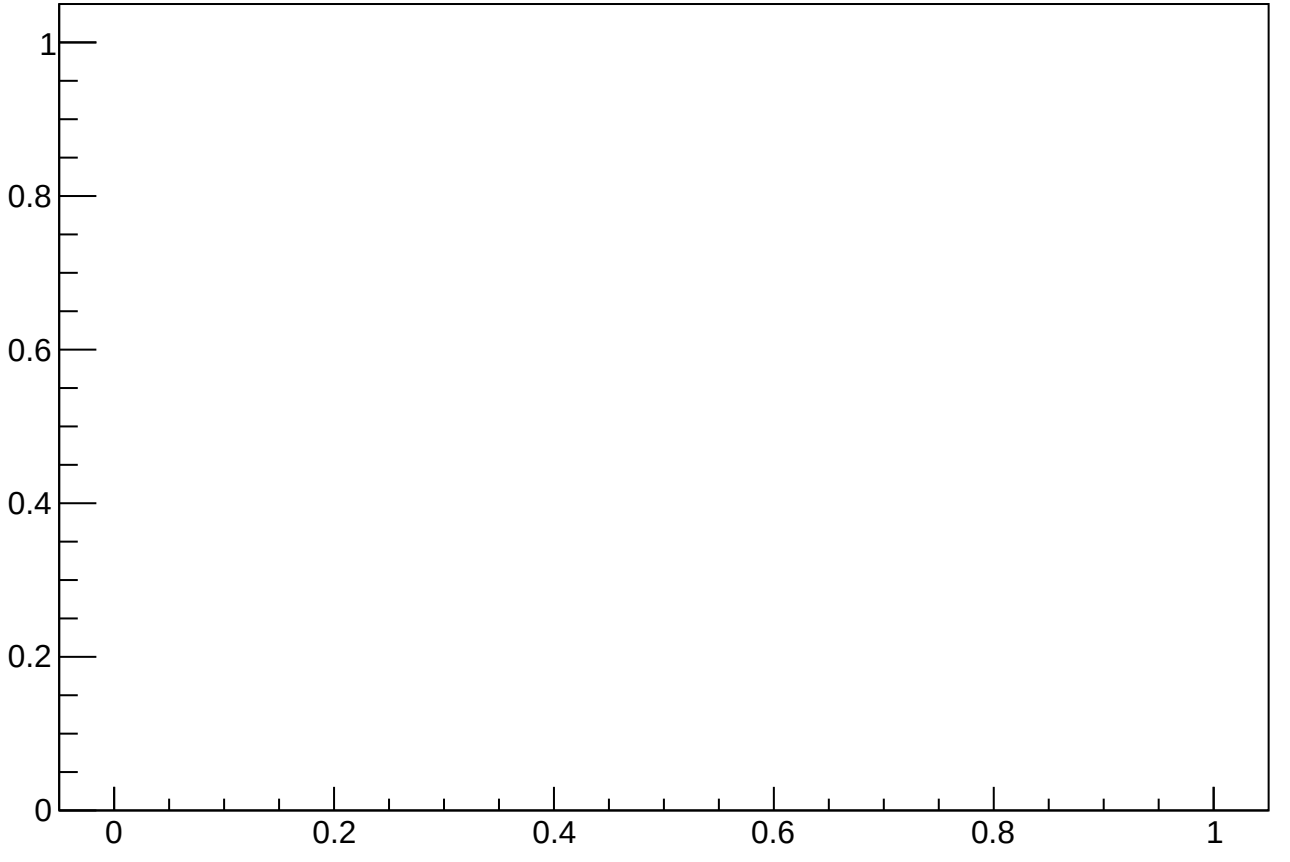
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

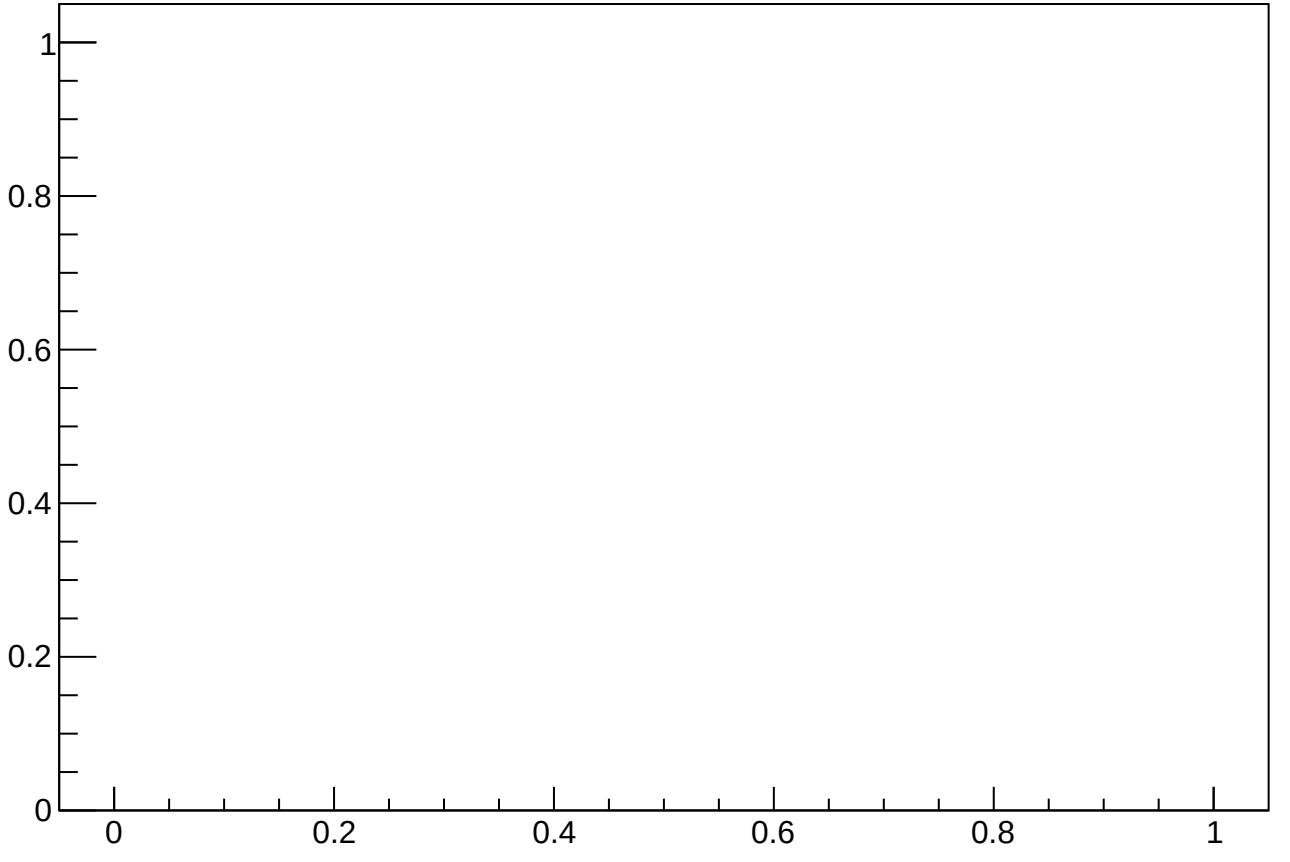
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

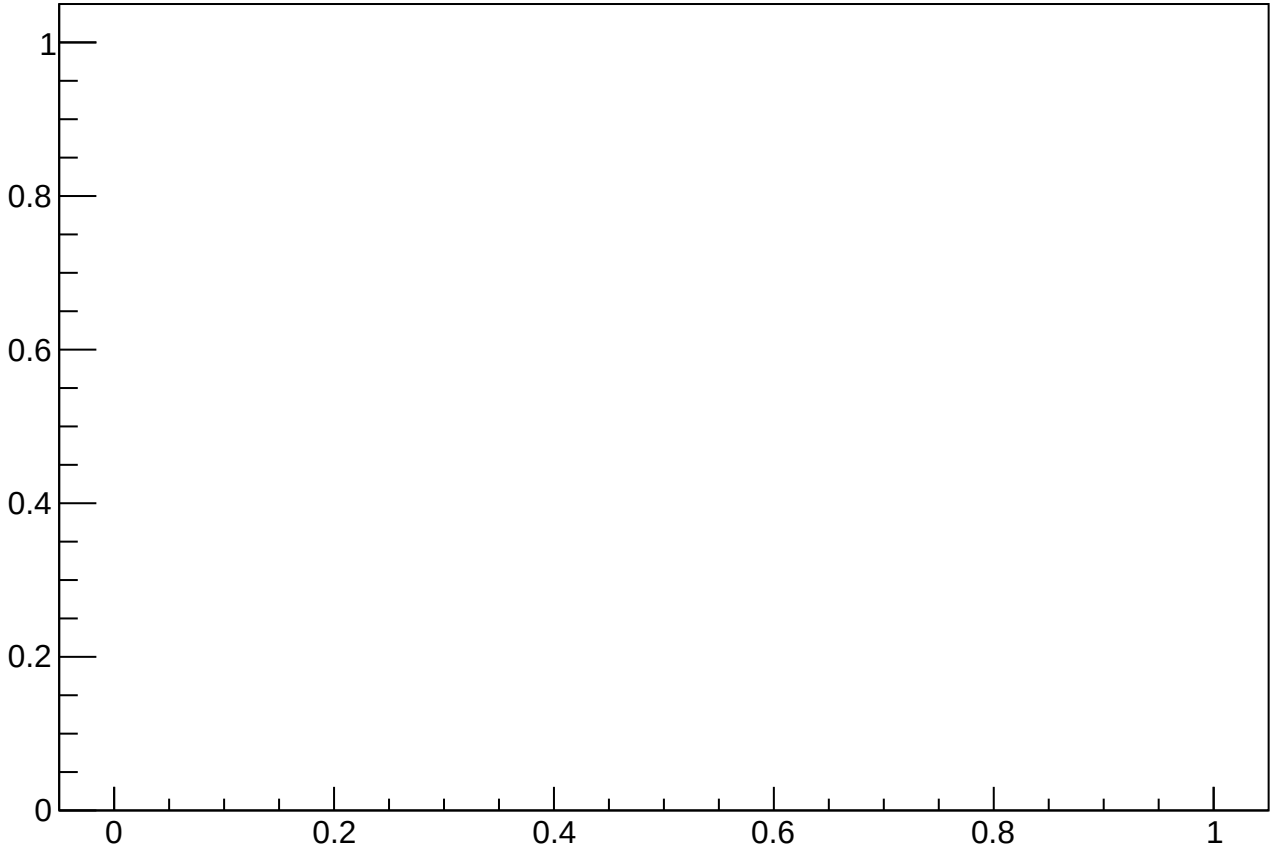
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

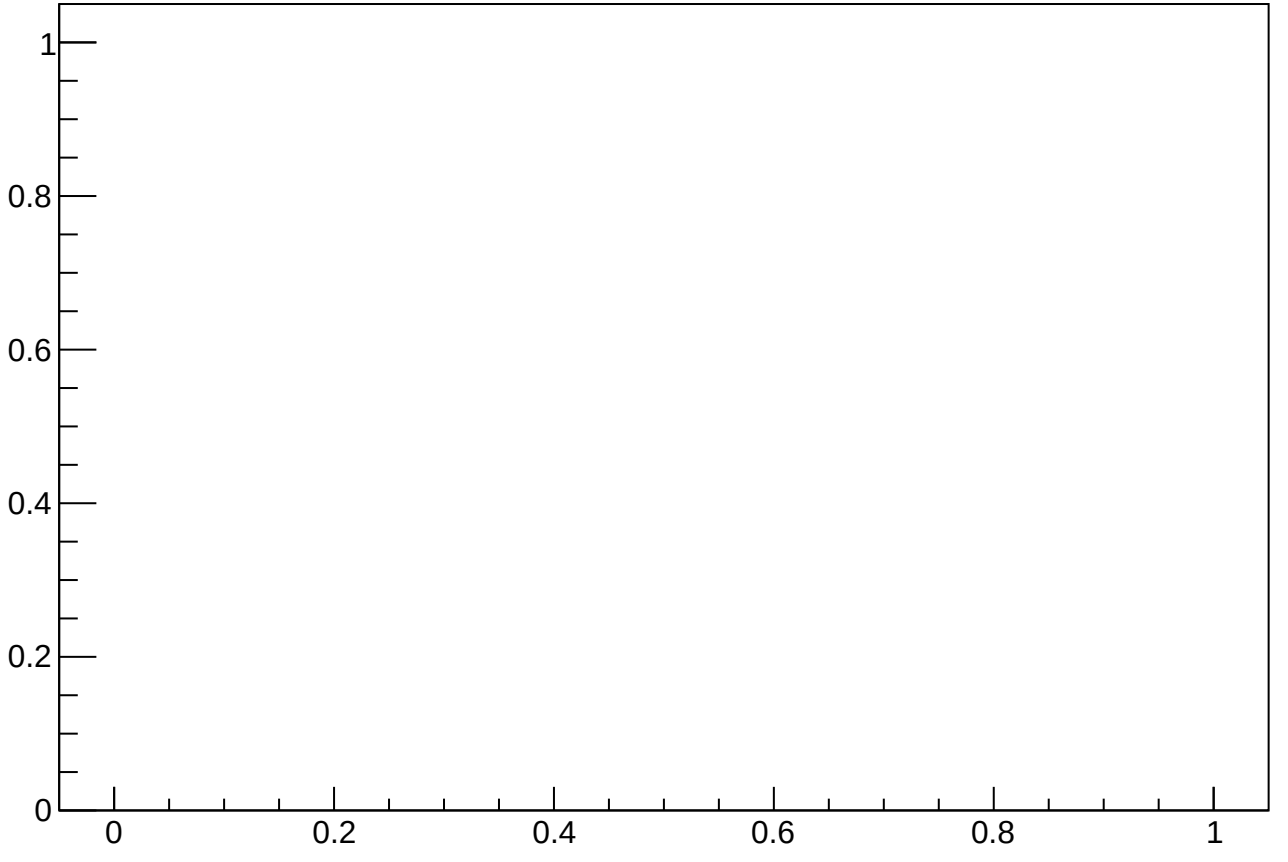
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

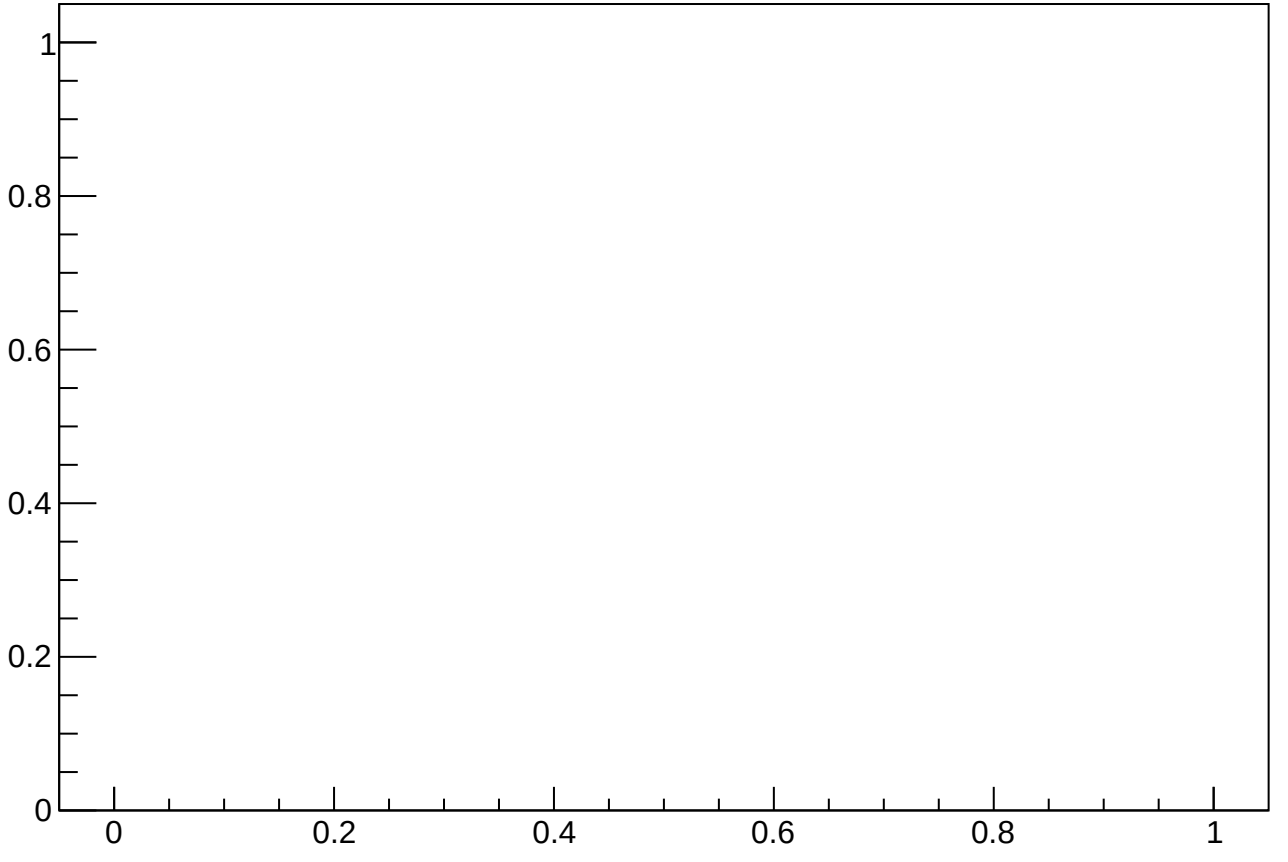
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

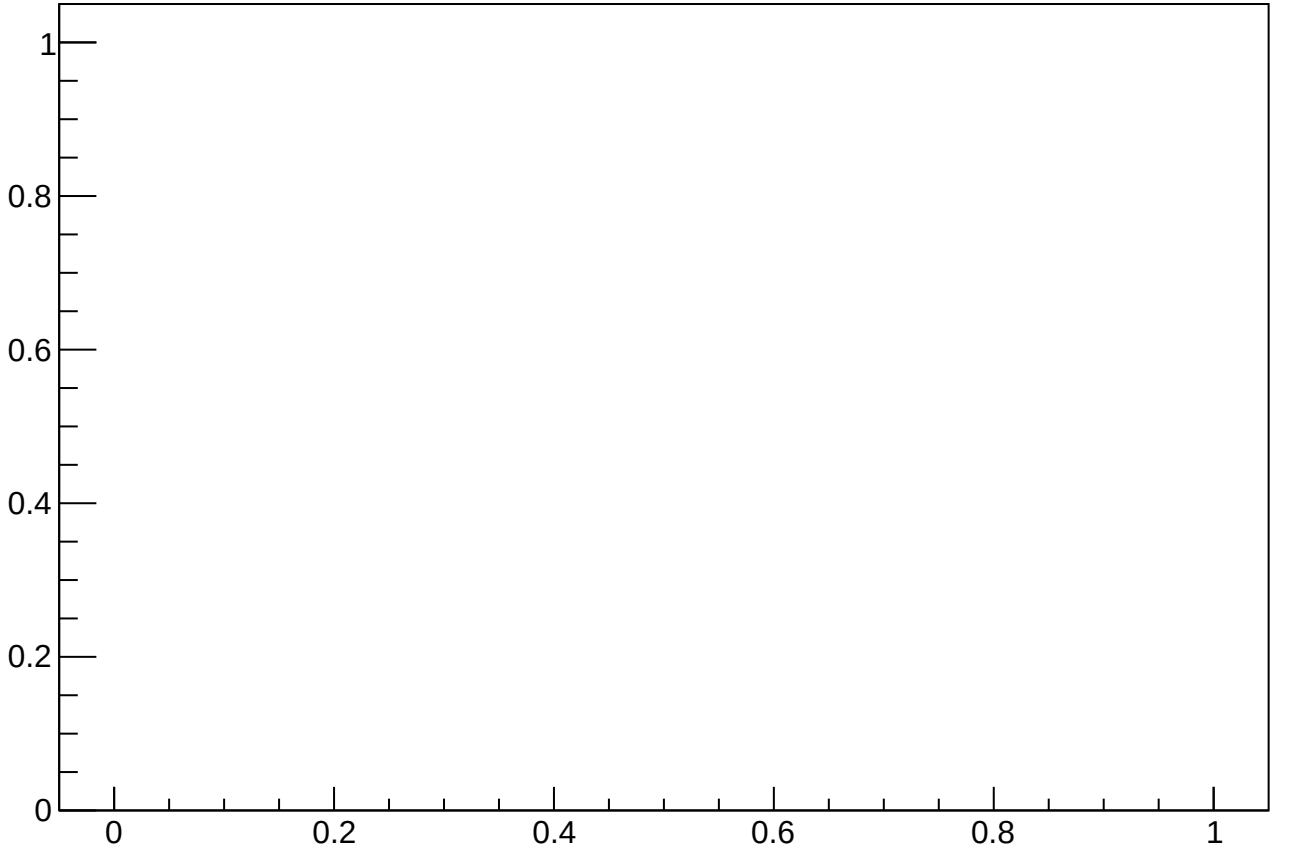
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

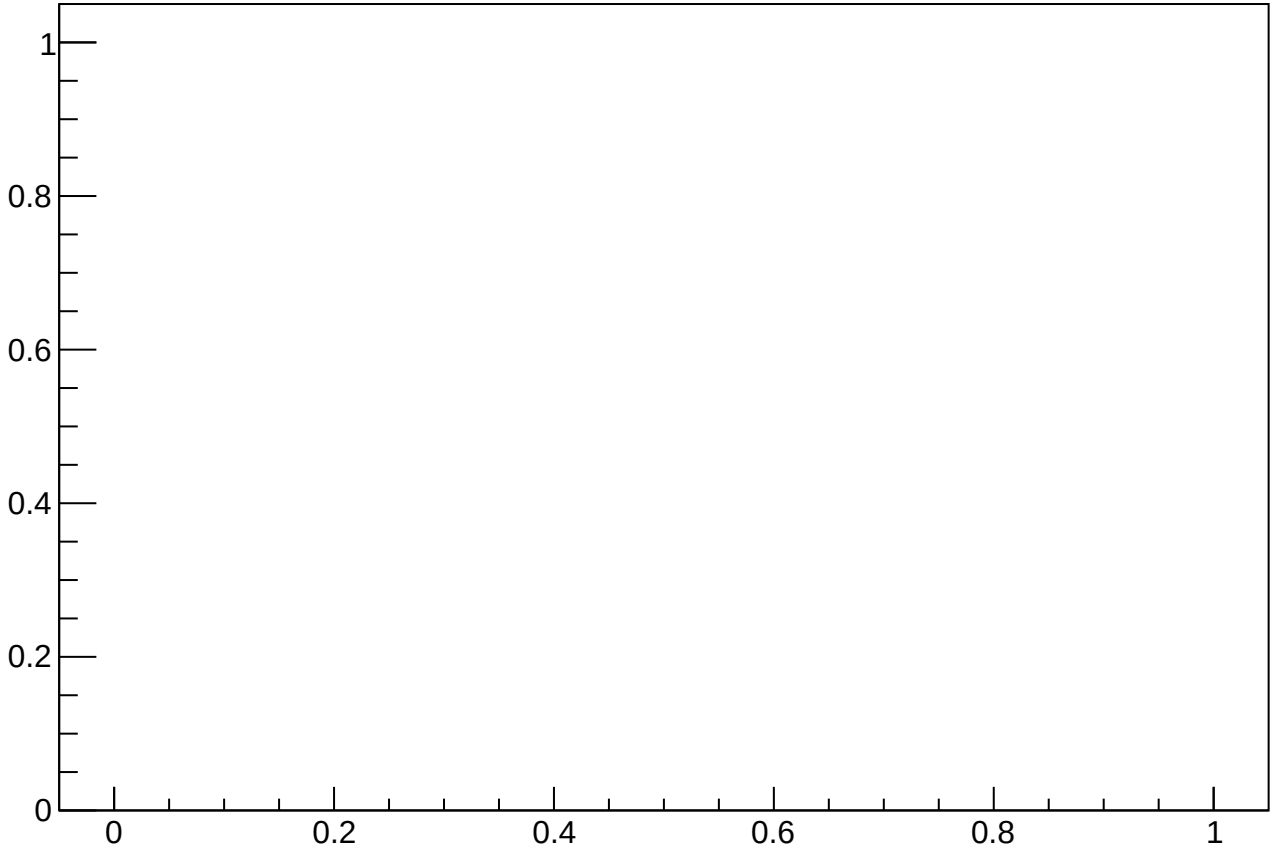
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

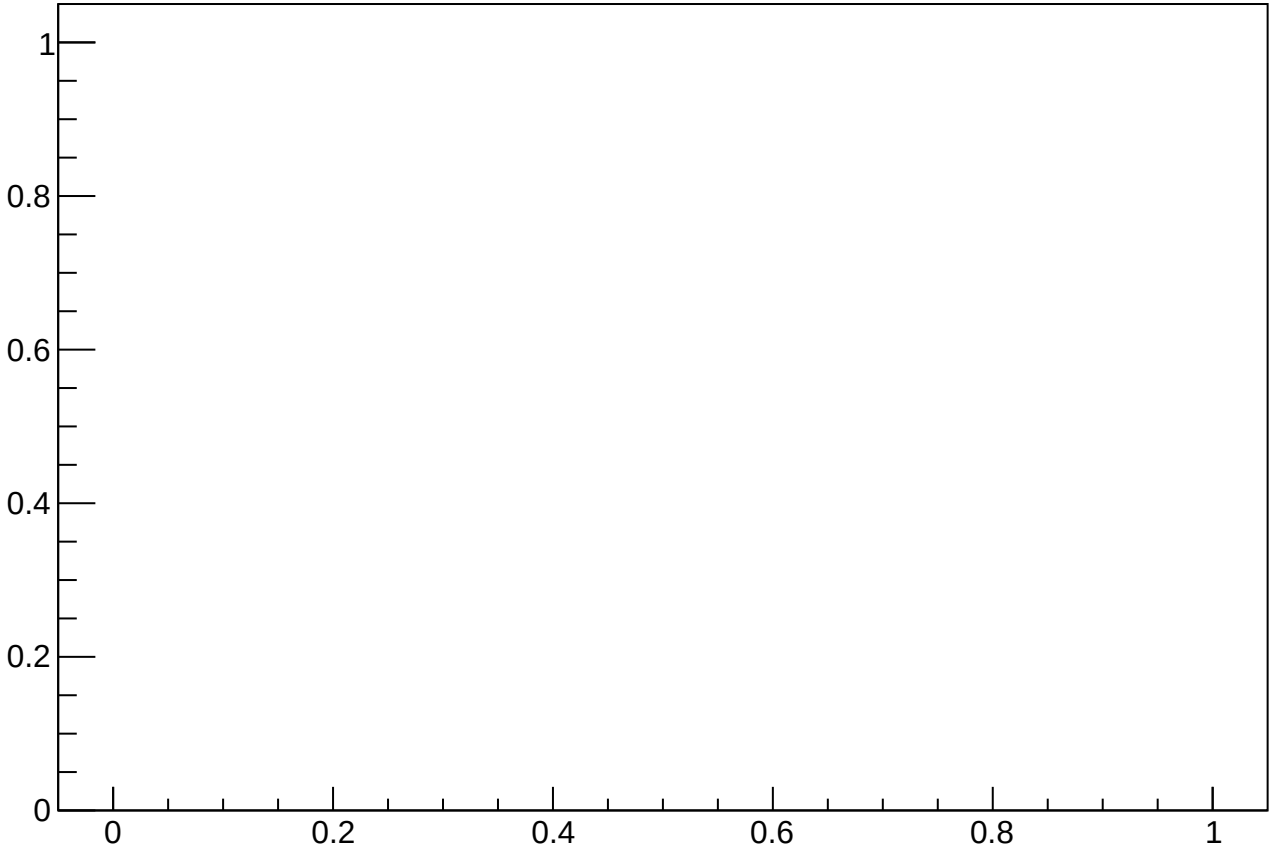
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

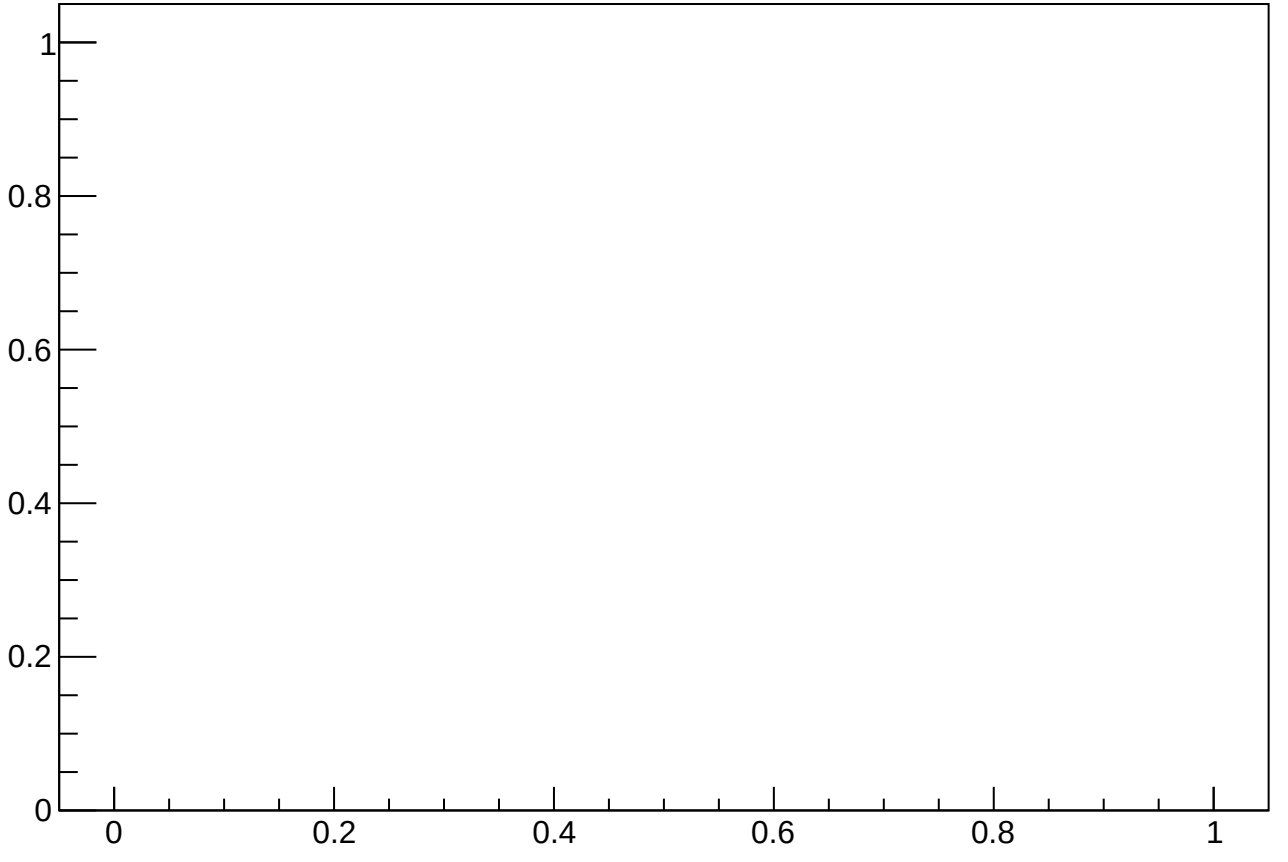
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

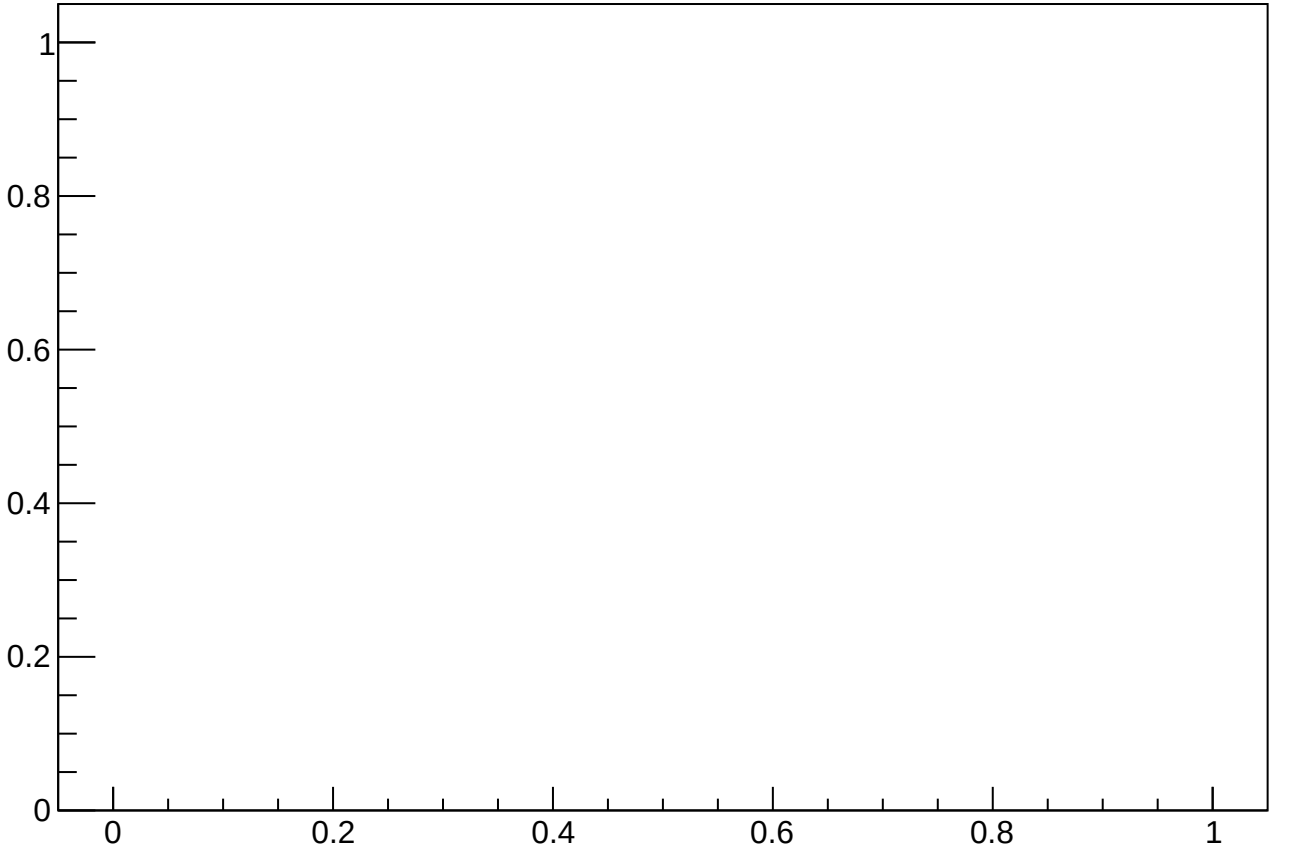
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

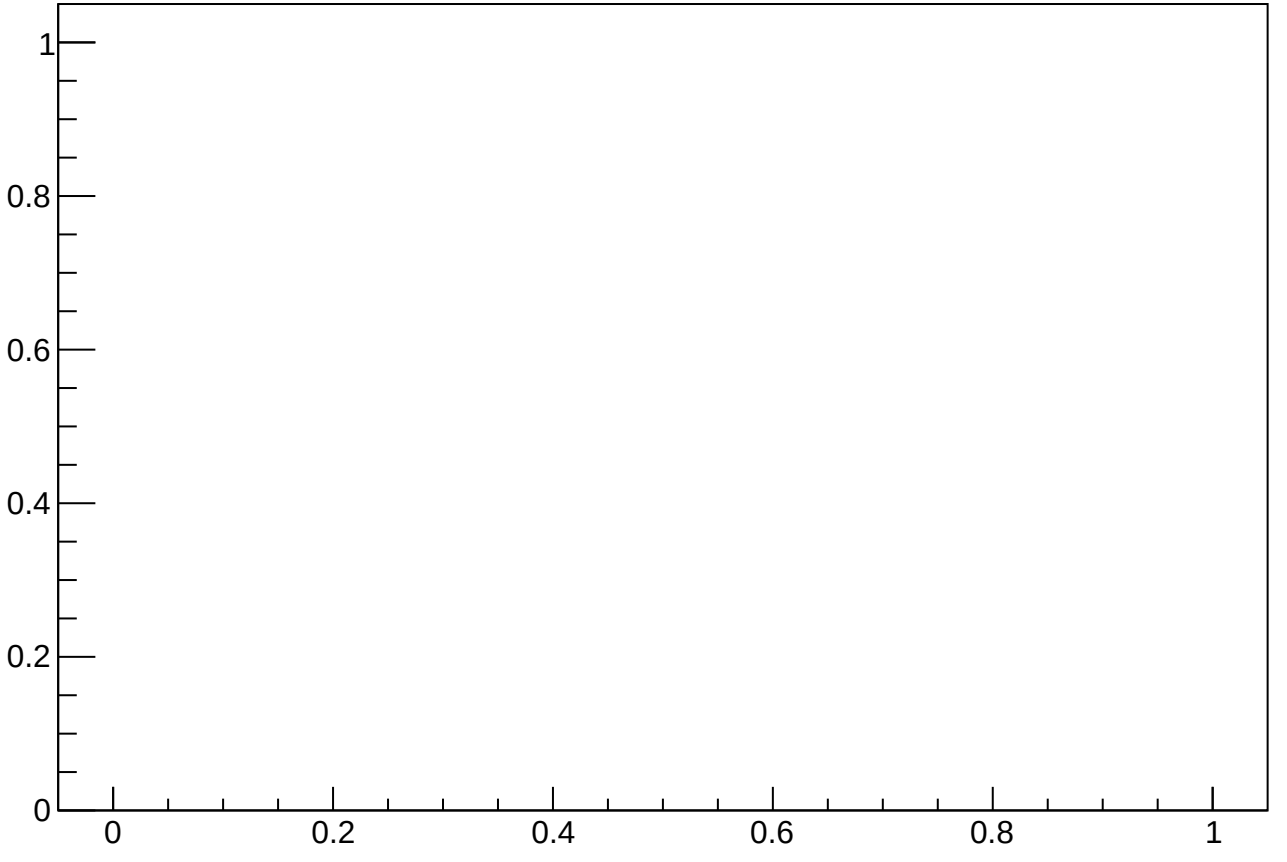
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

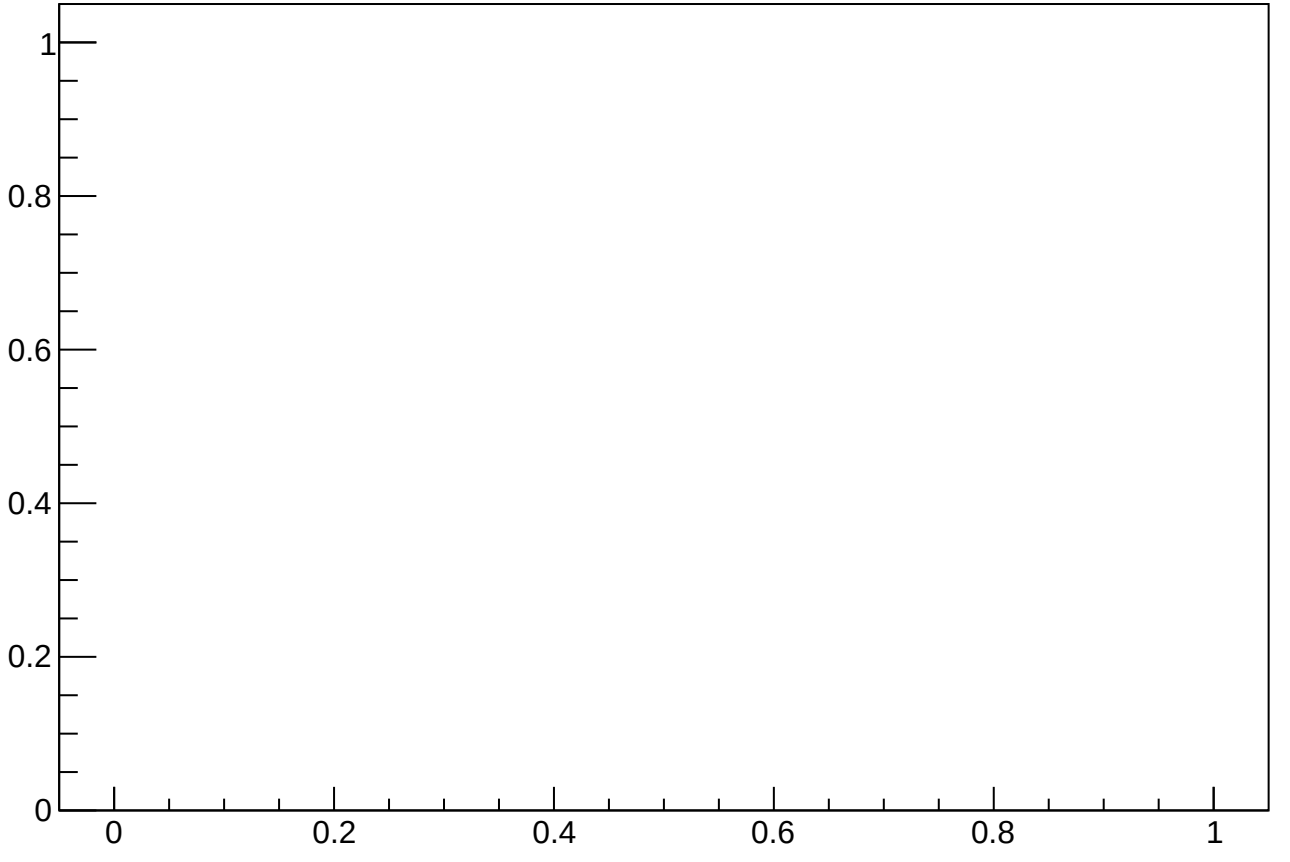
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

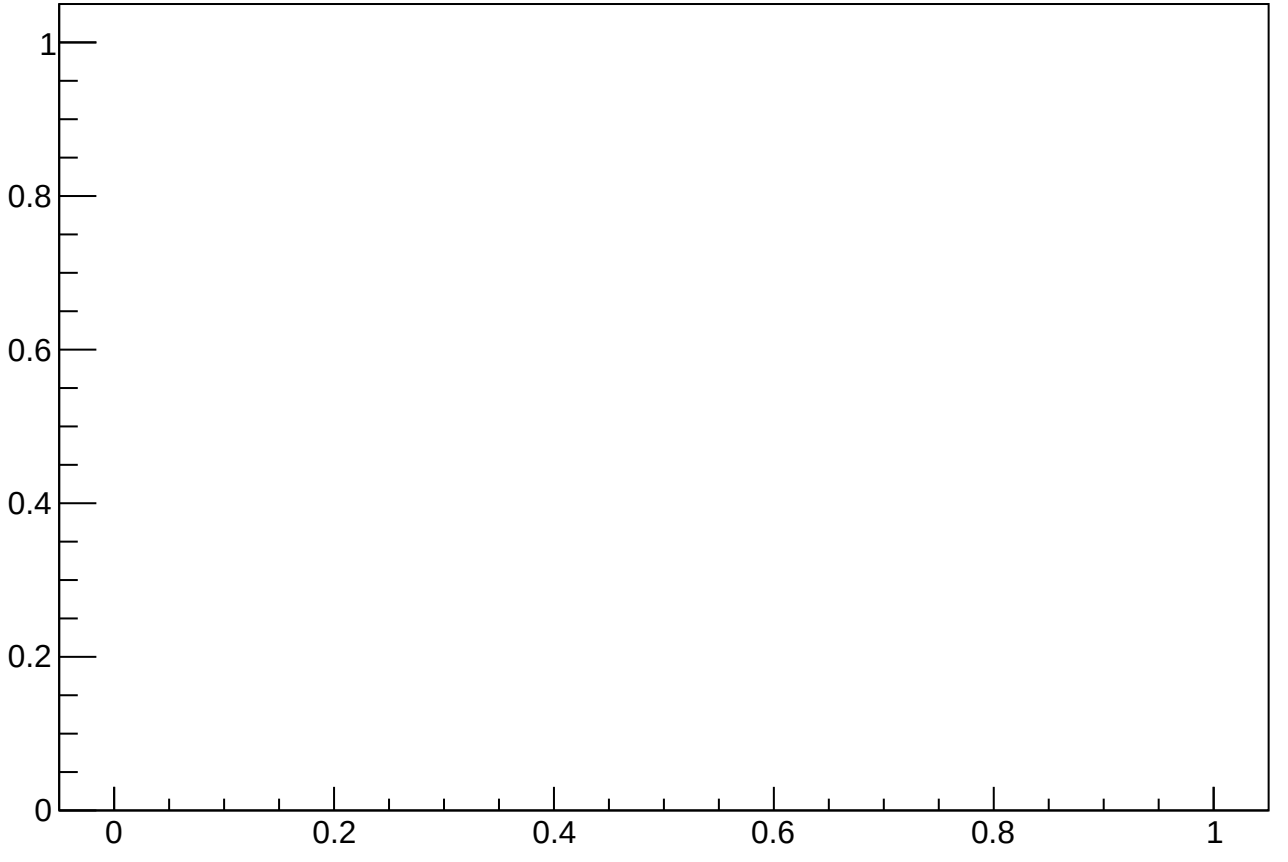
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

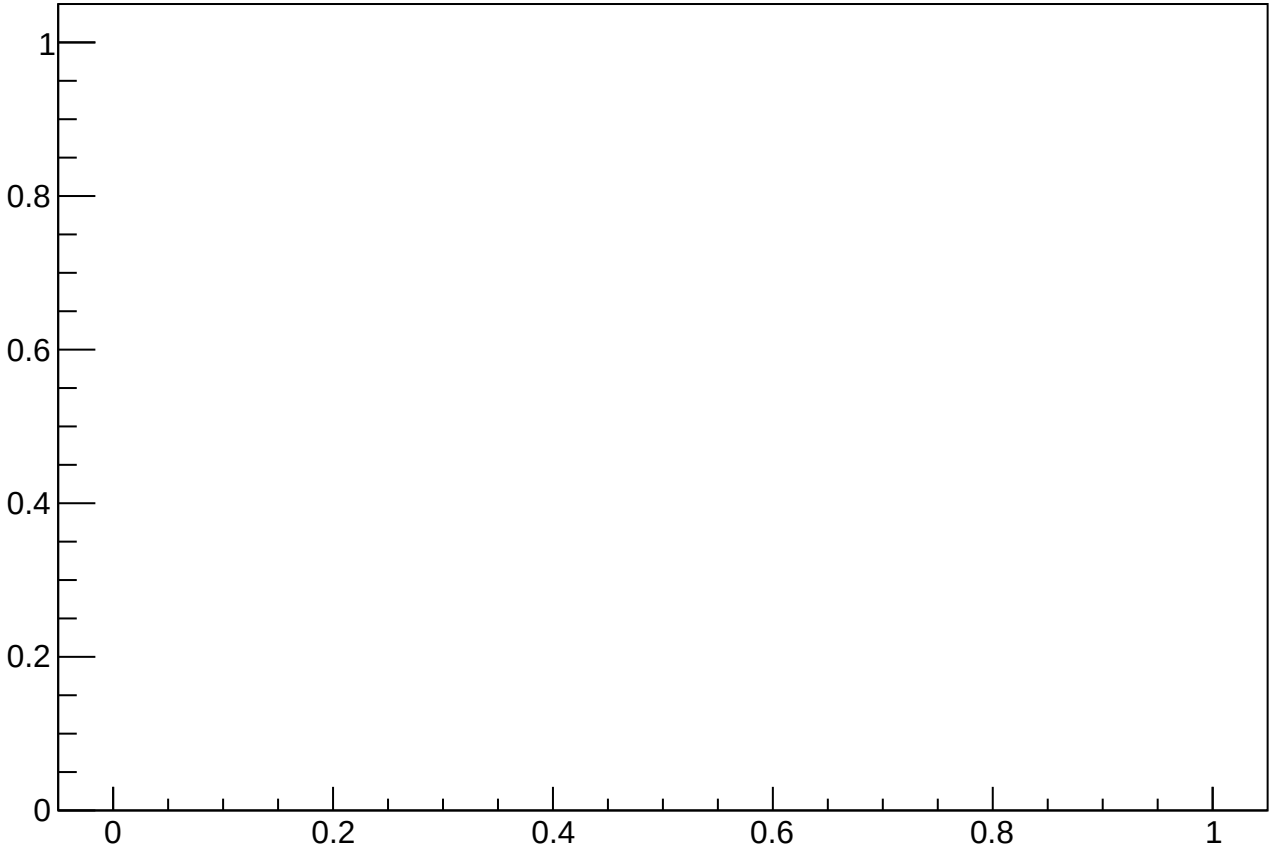
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

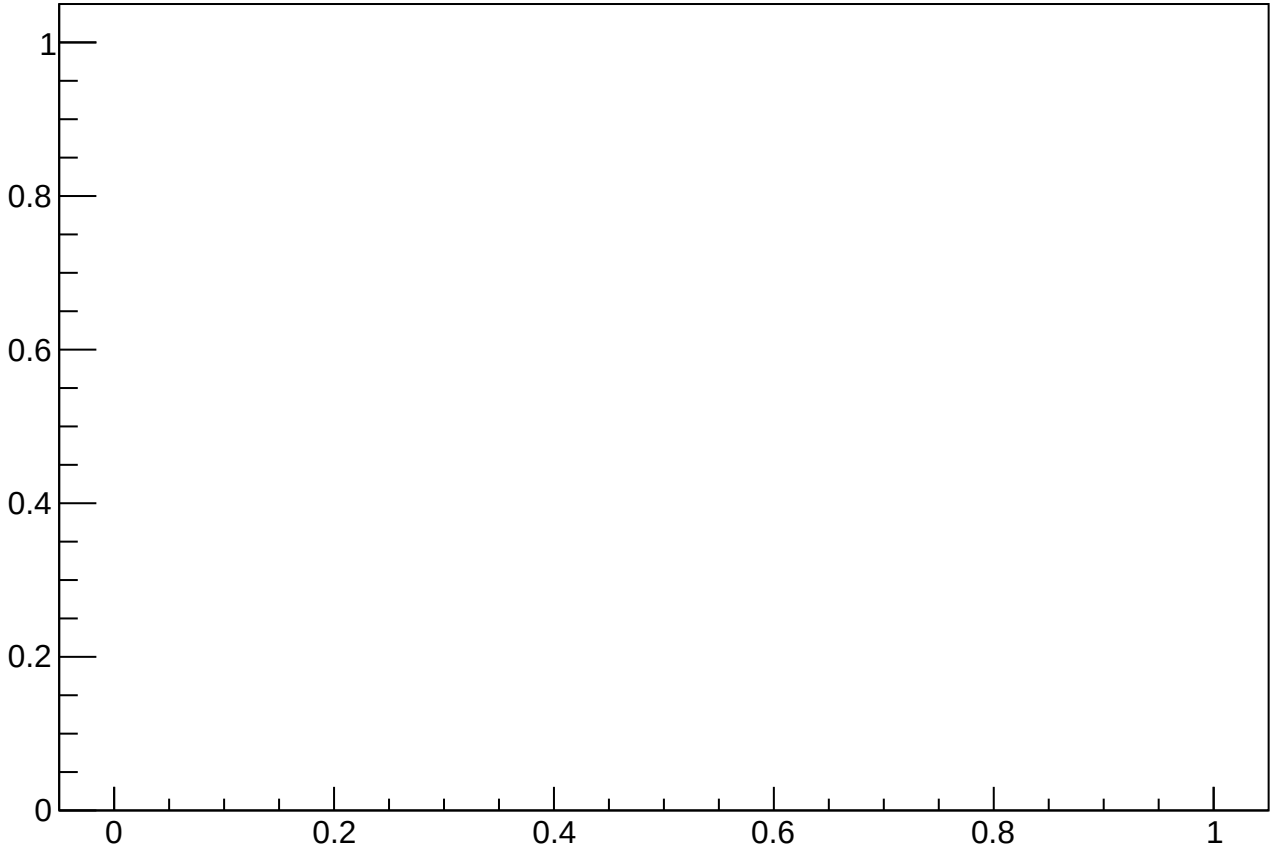
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

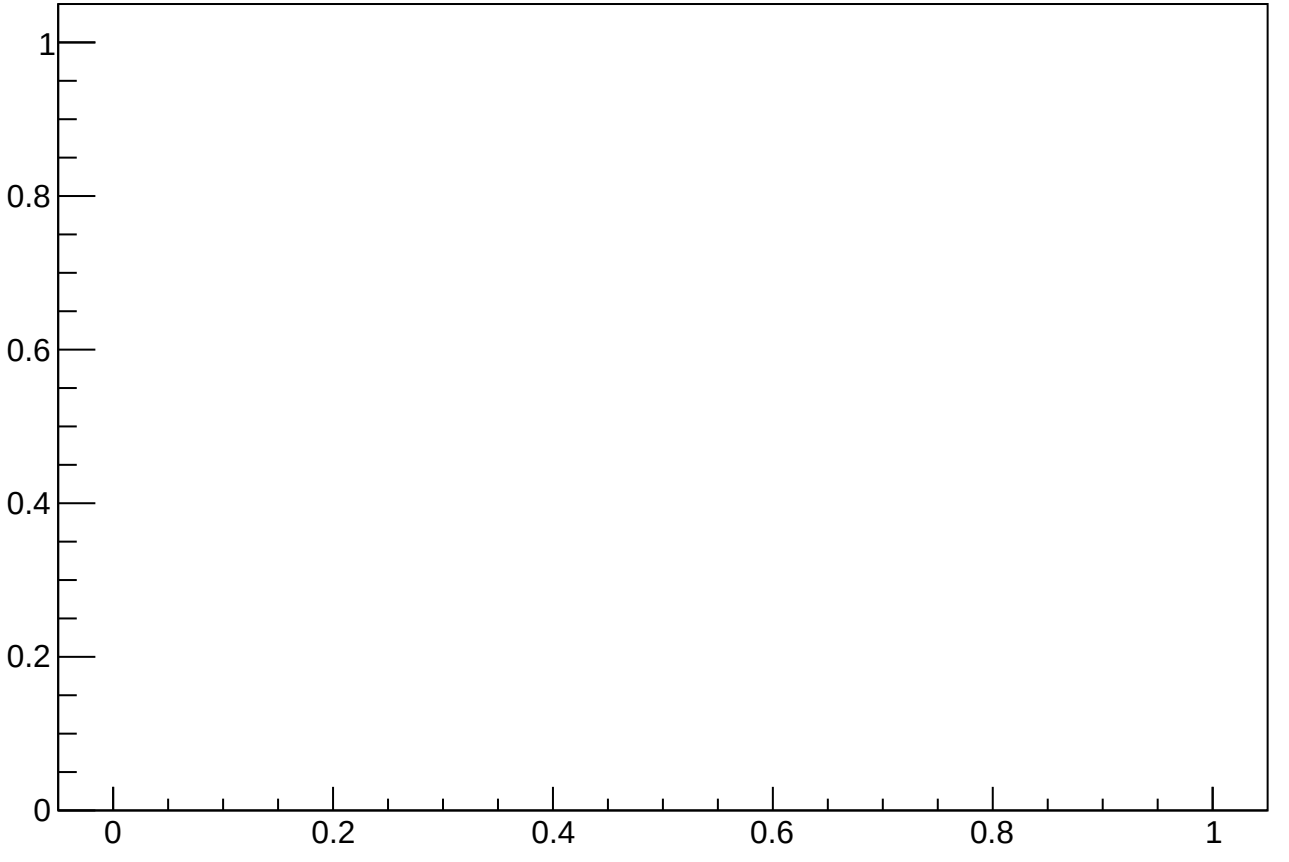
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

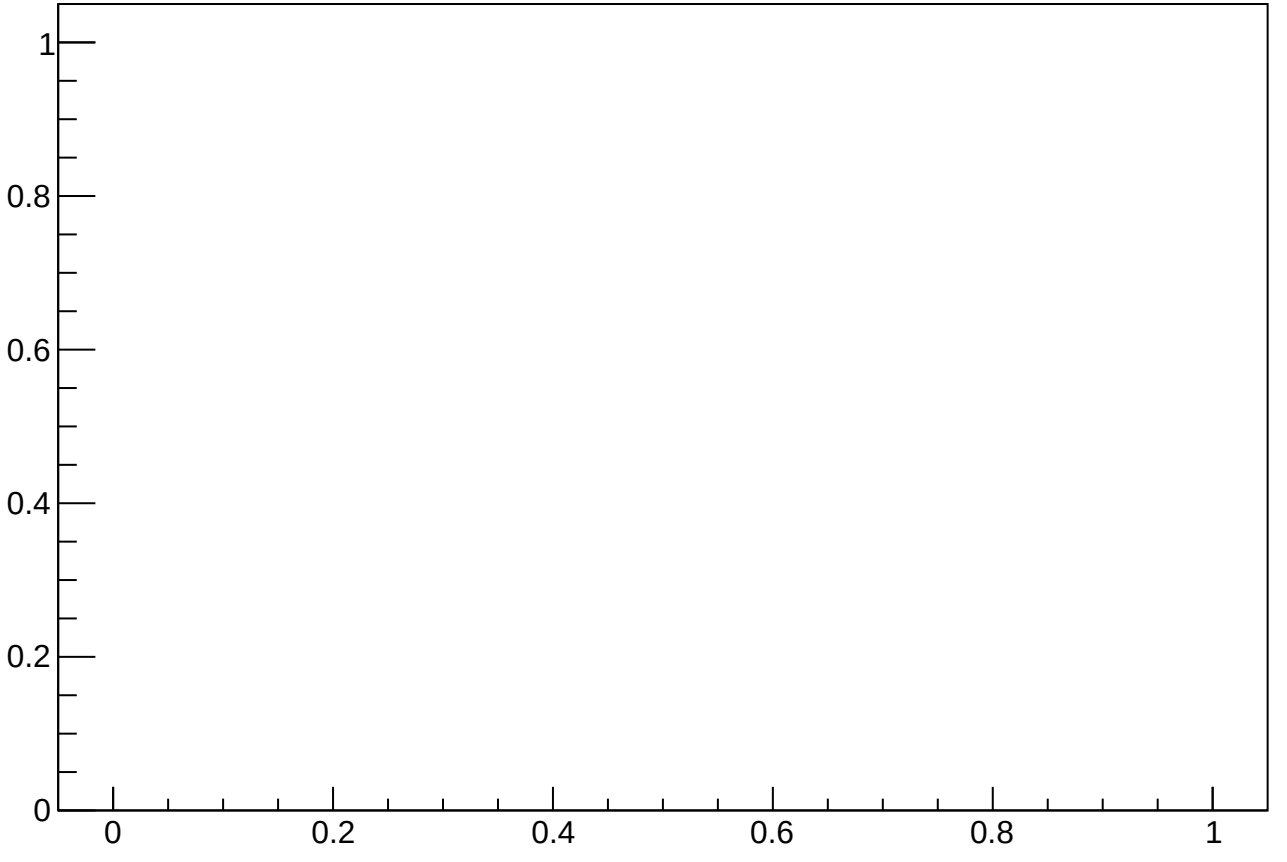
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

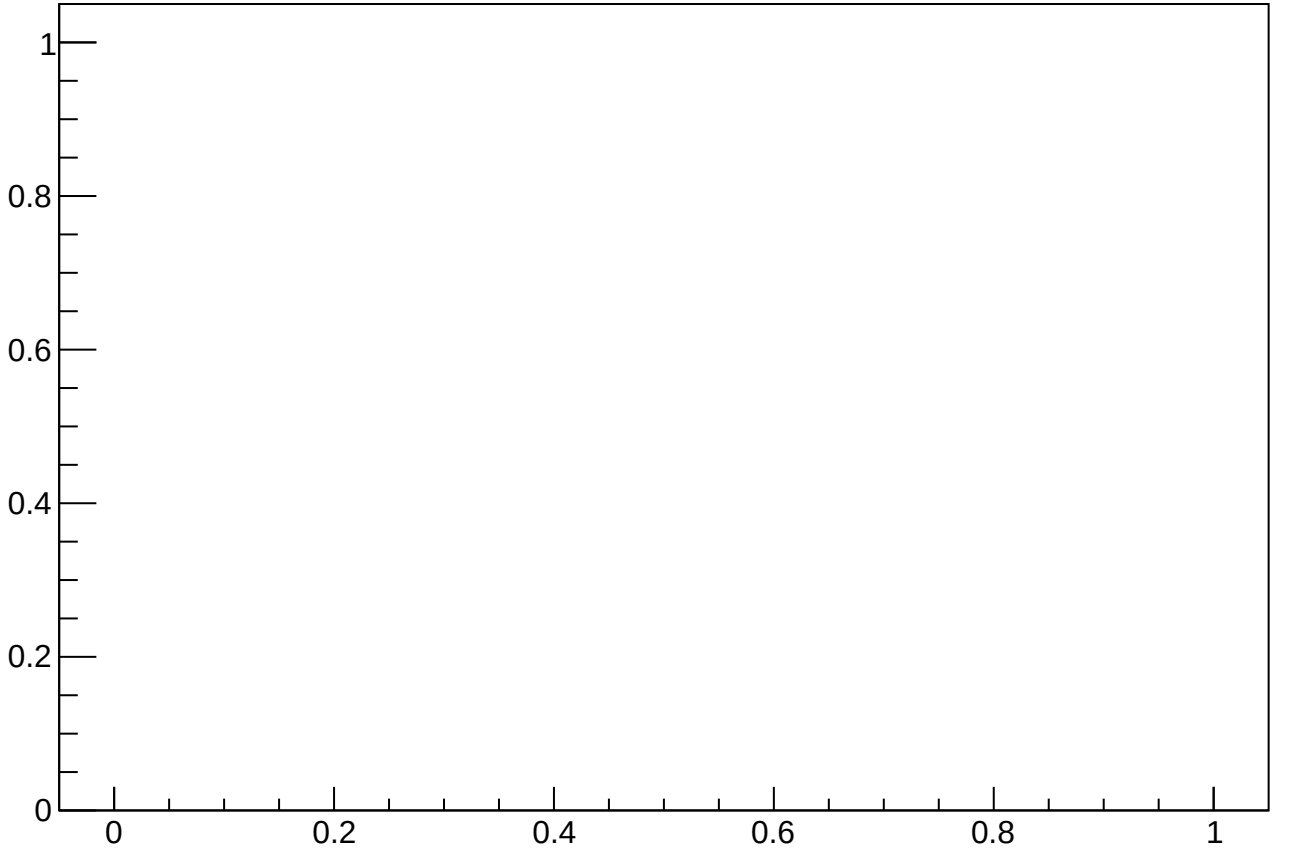
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

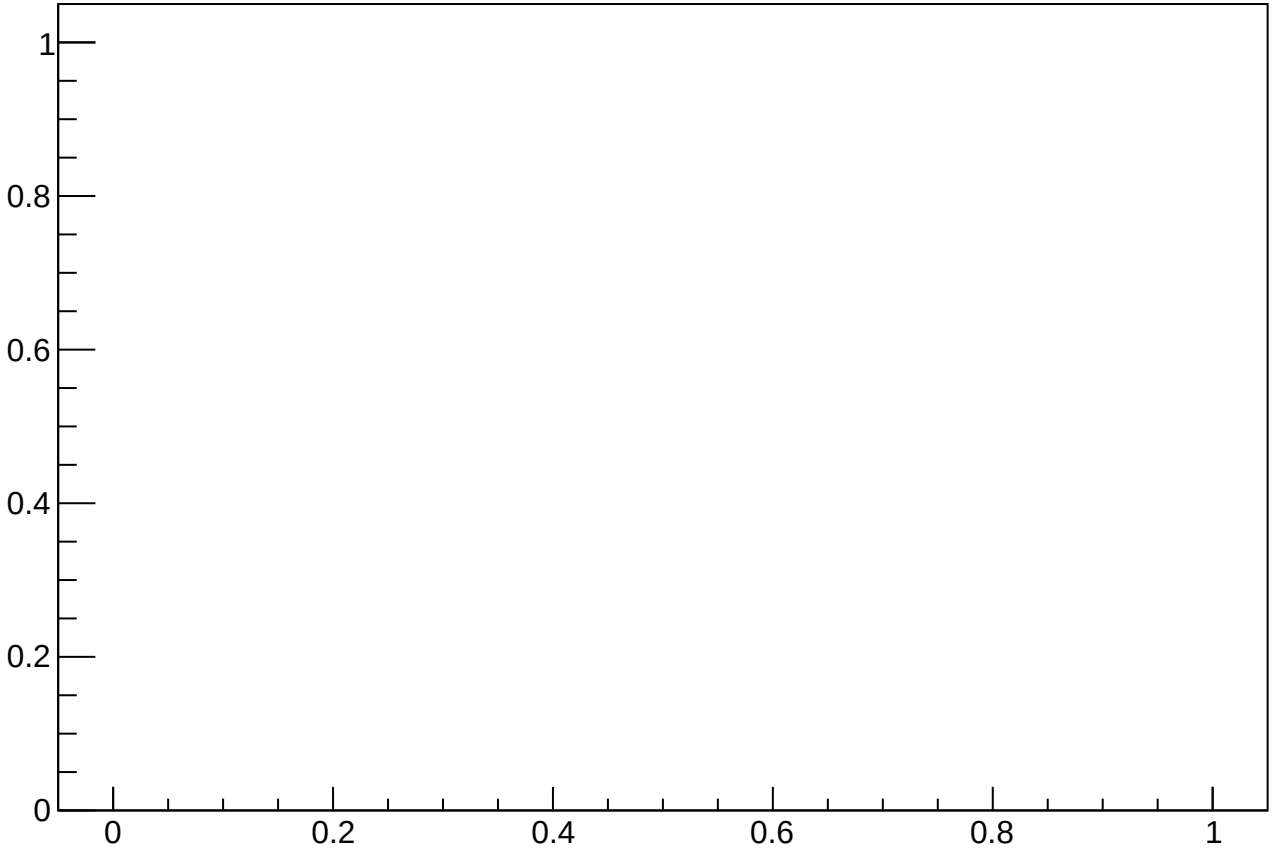
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

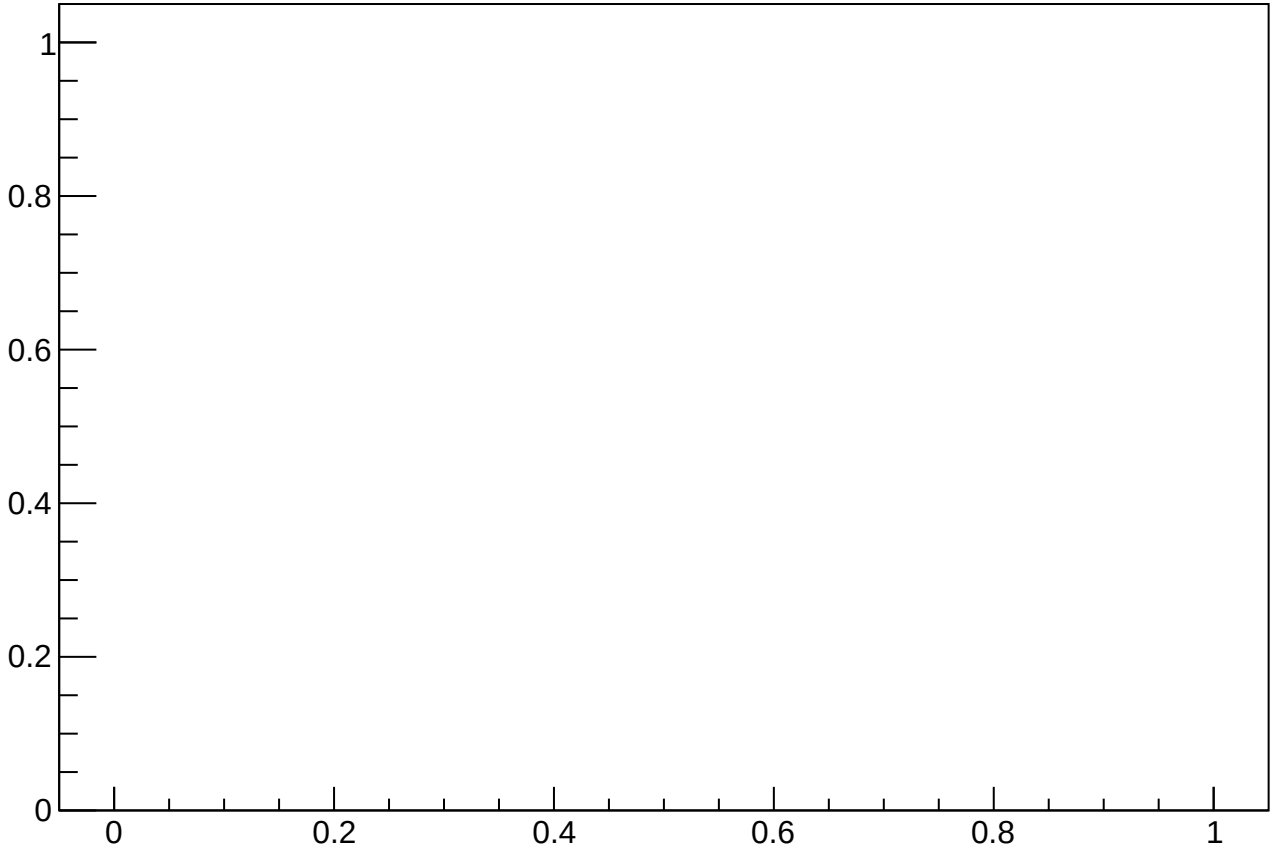
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

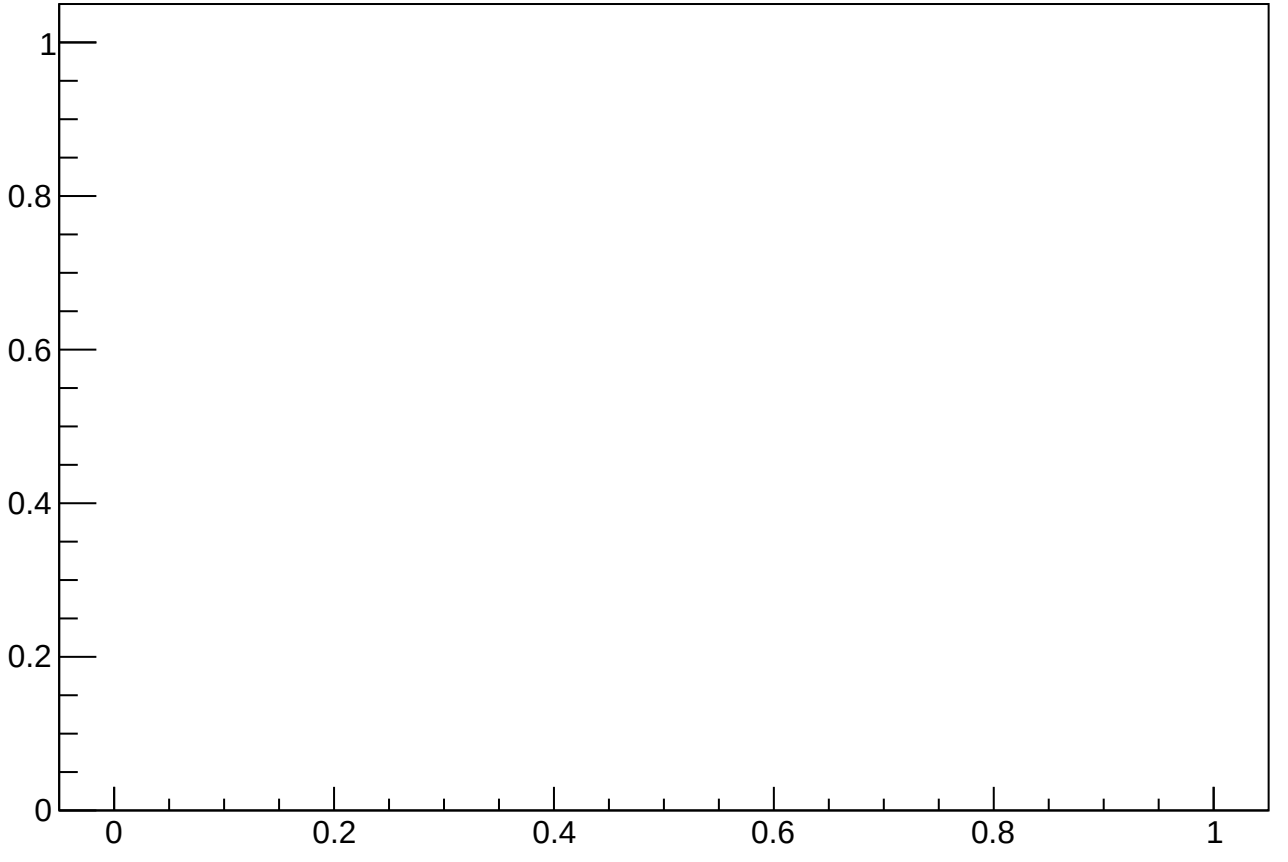
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

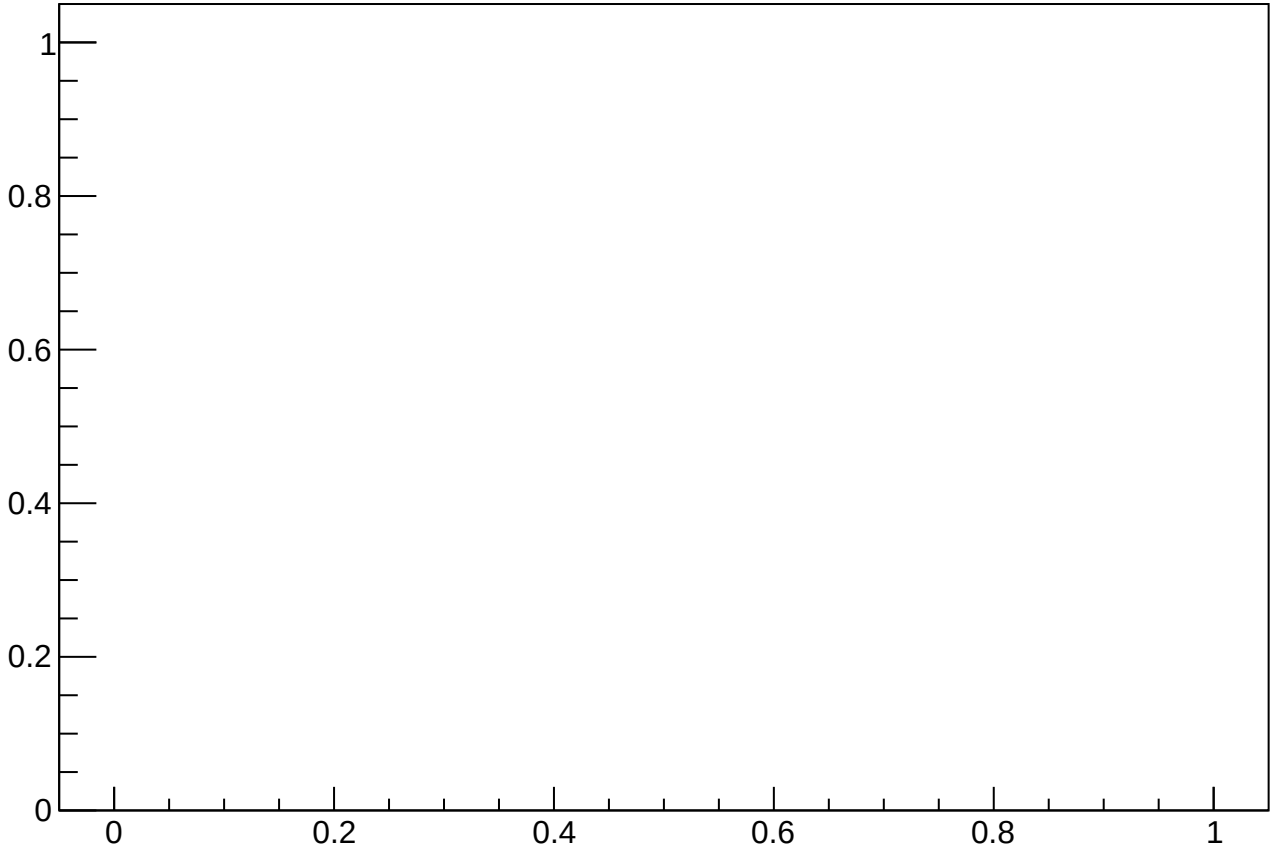
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

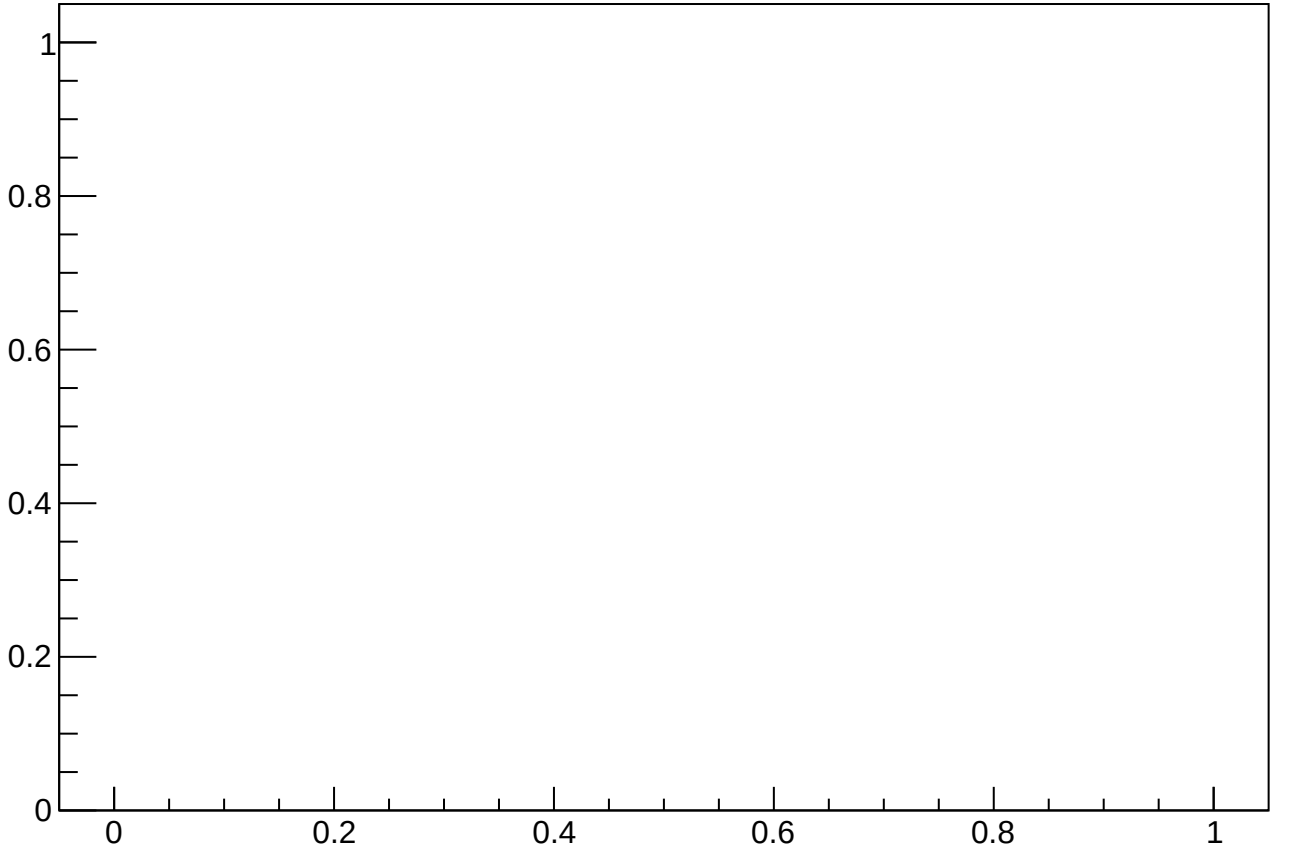
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

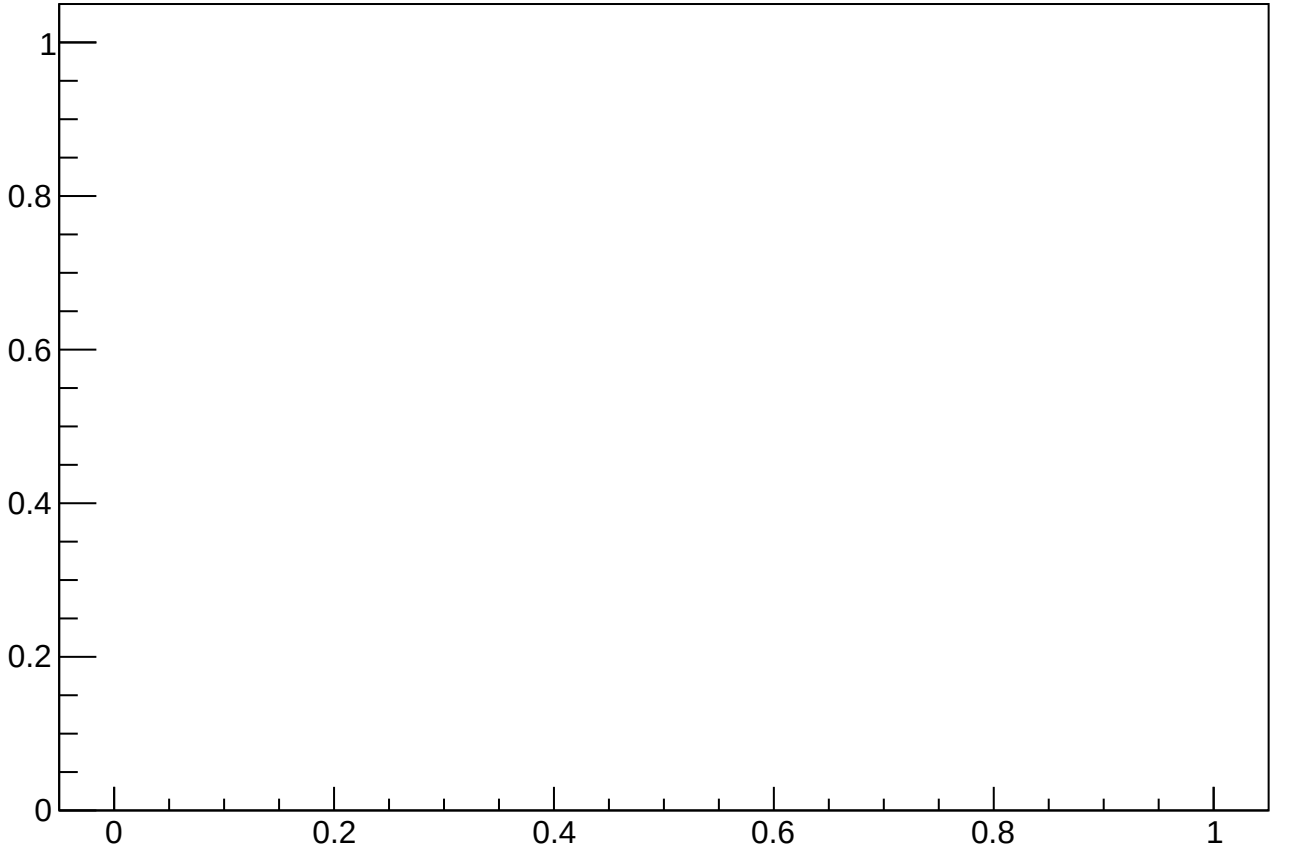
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil3_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

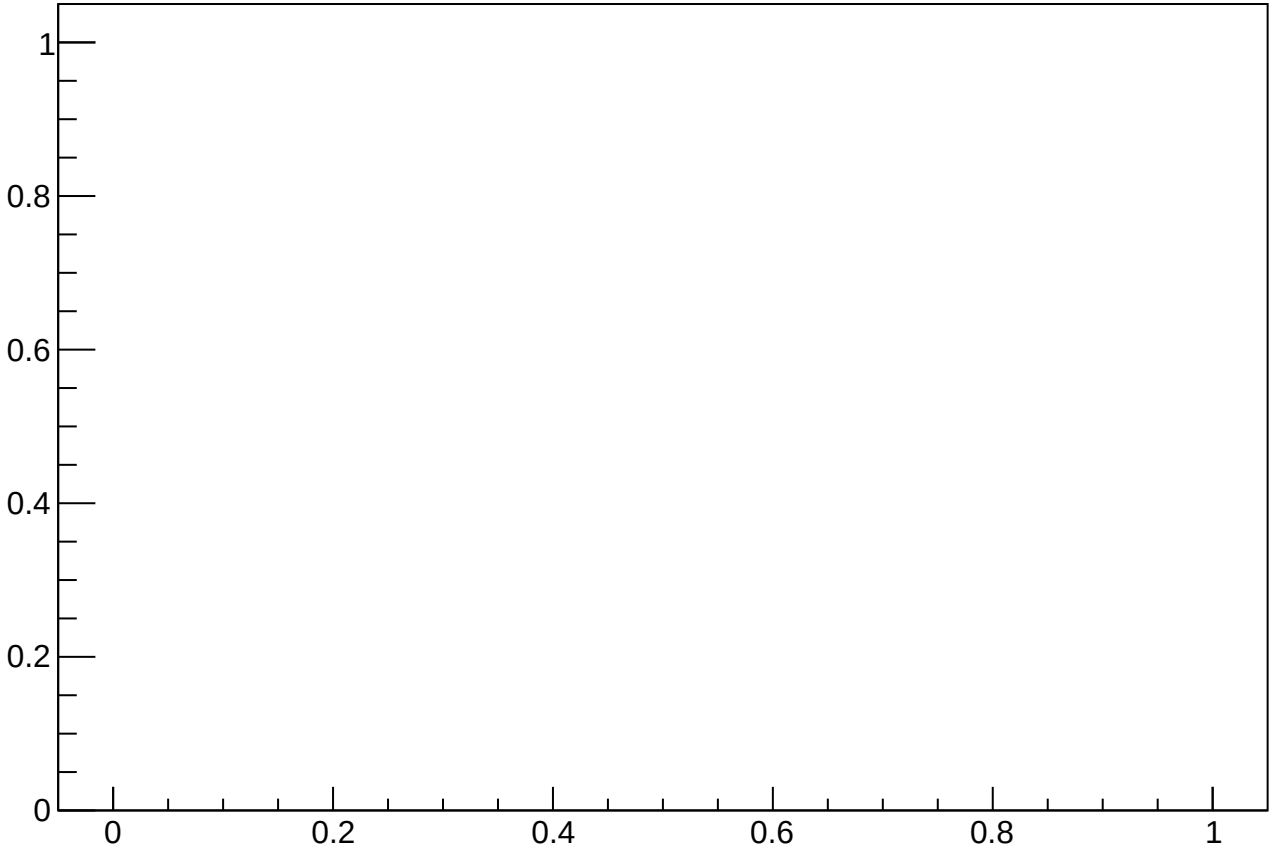
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil3_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

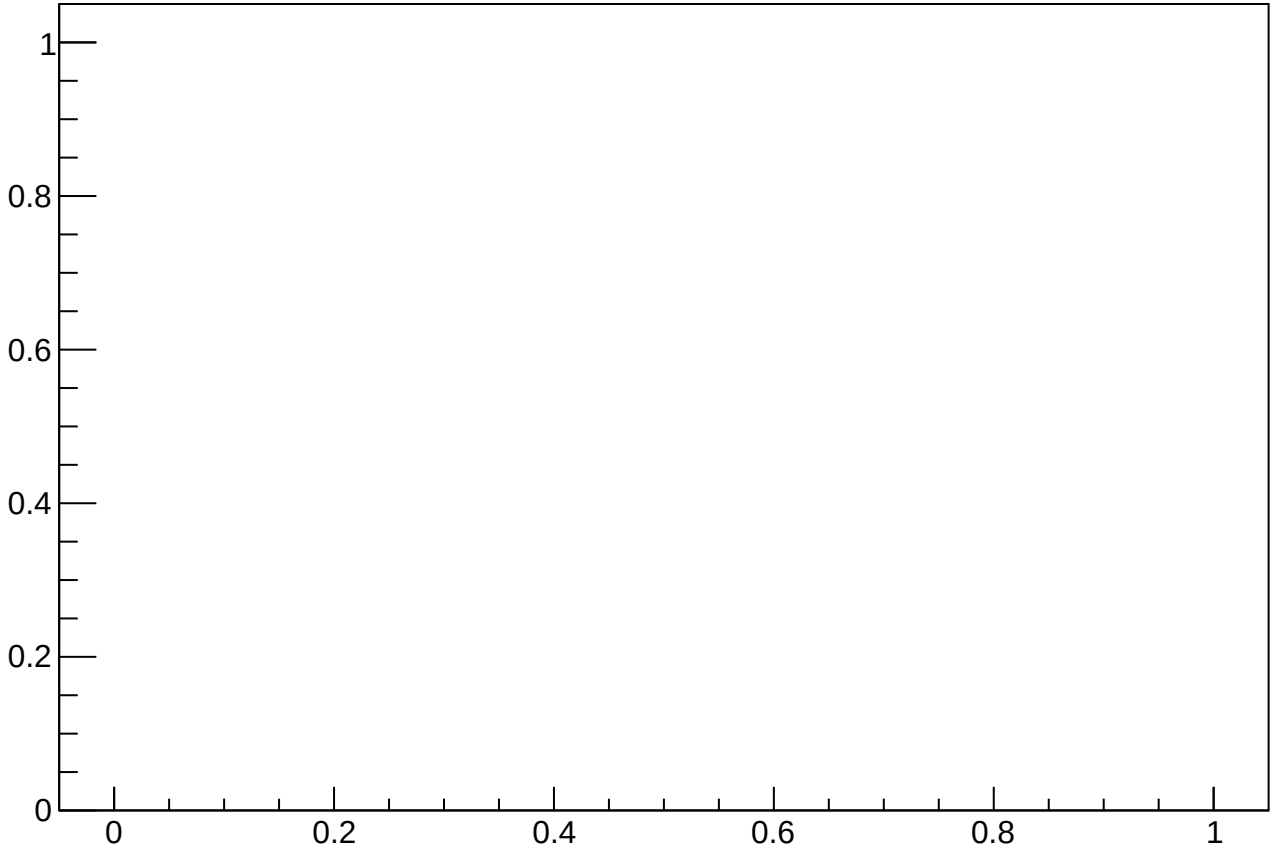
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil3_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

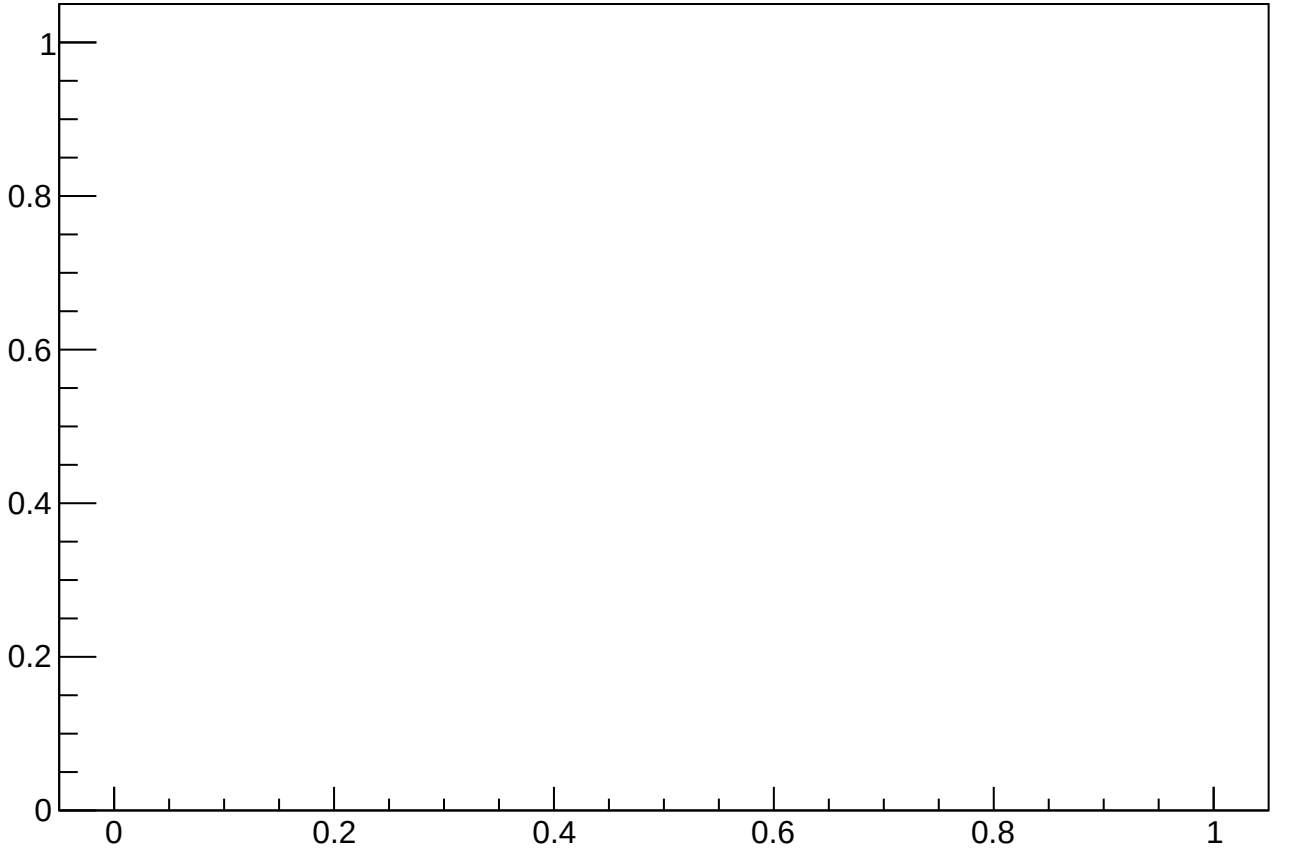
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

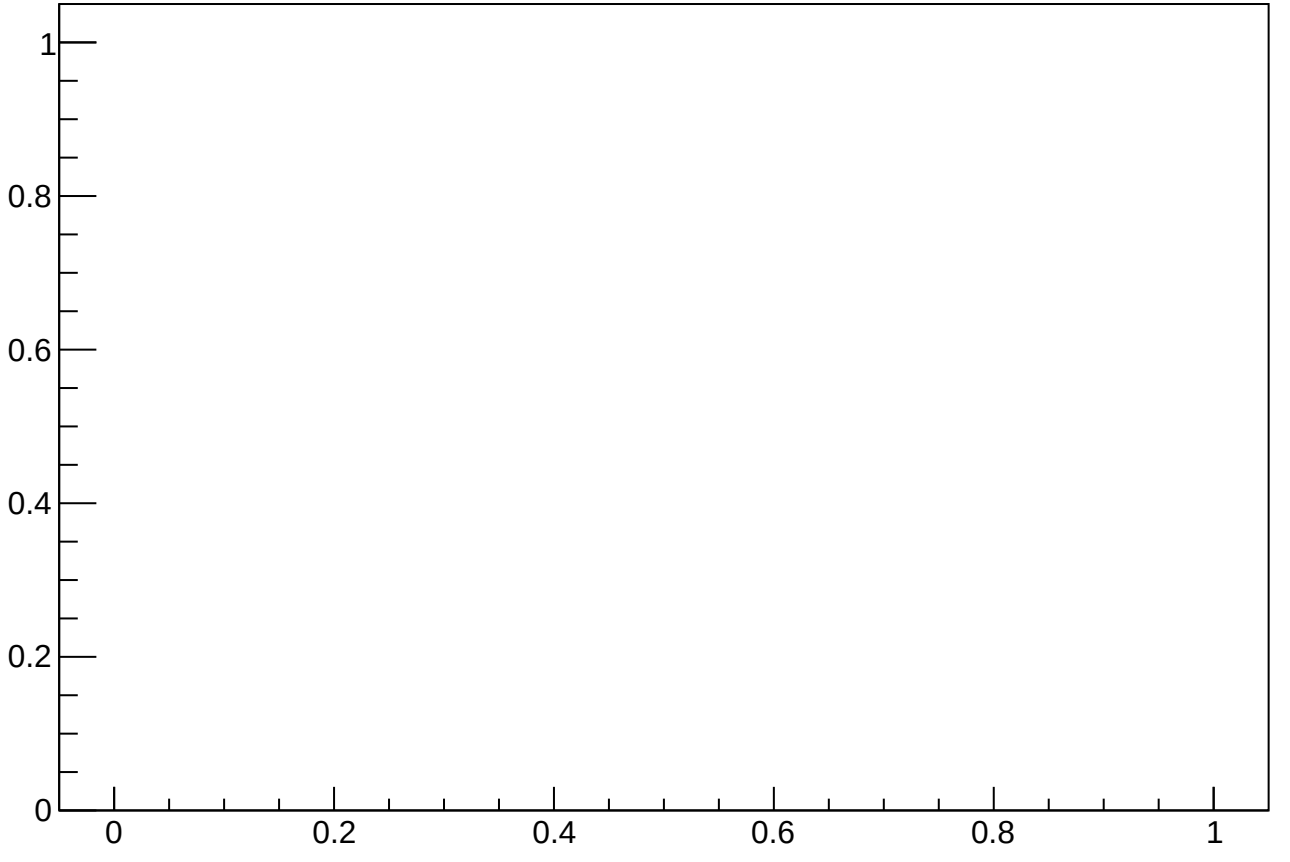
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

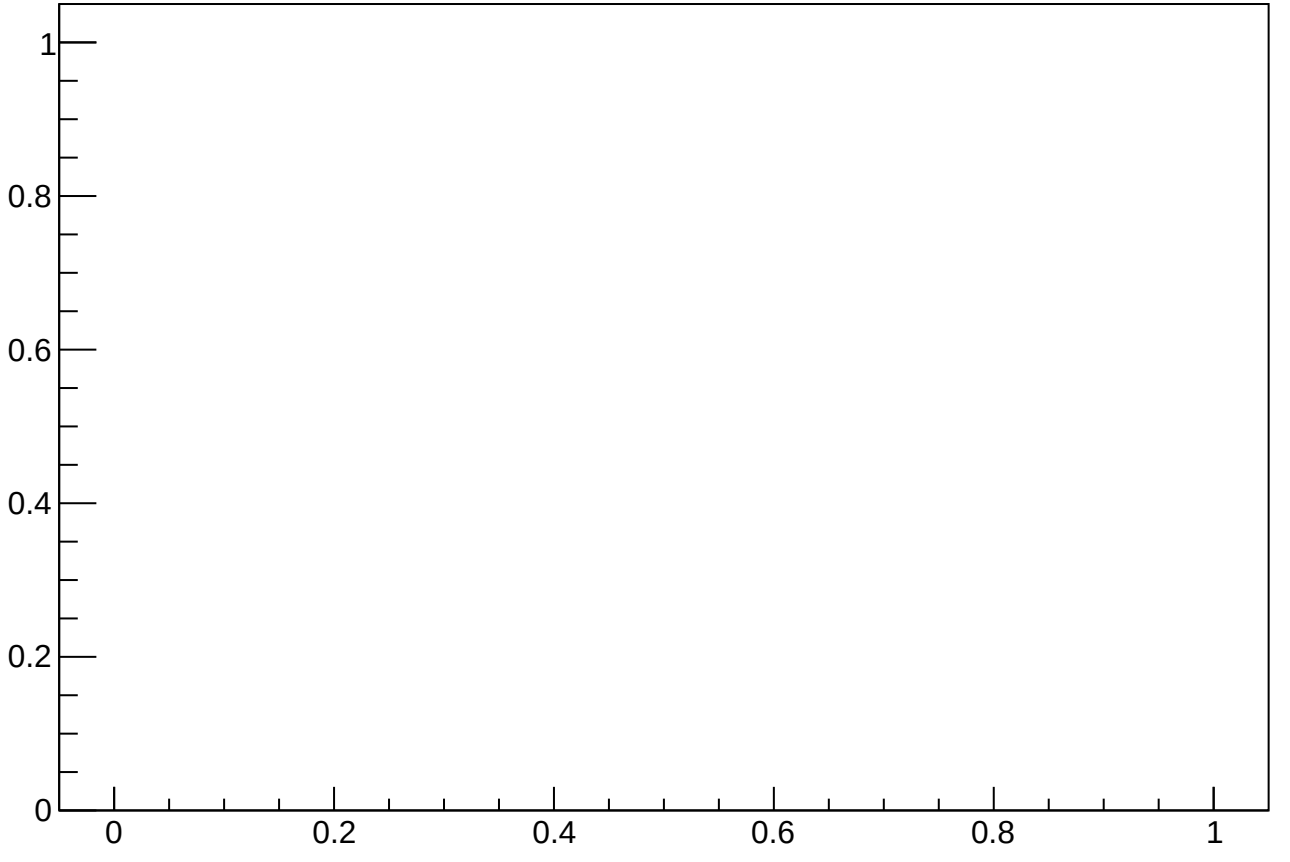
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

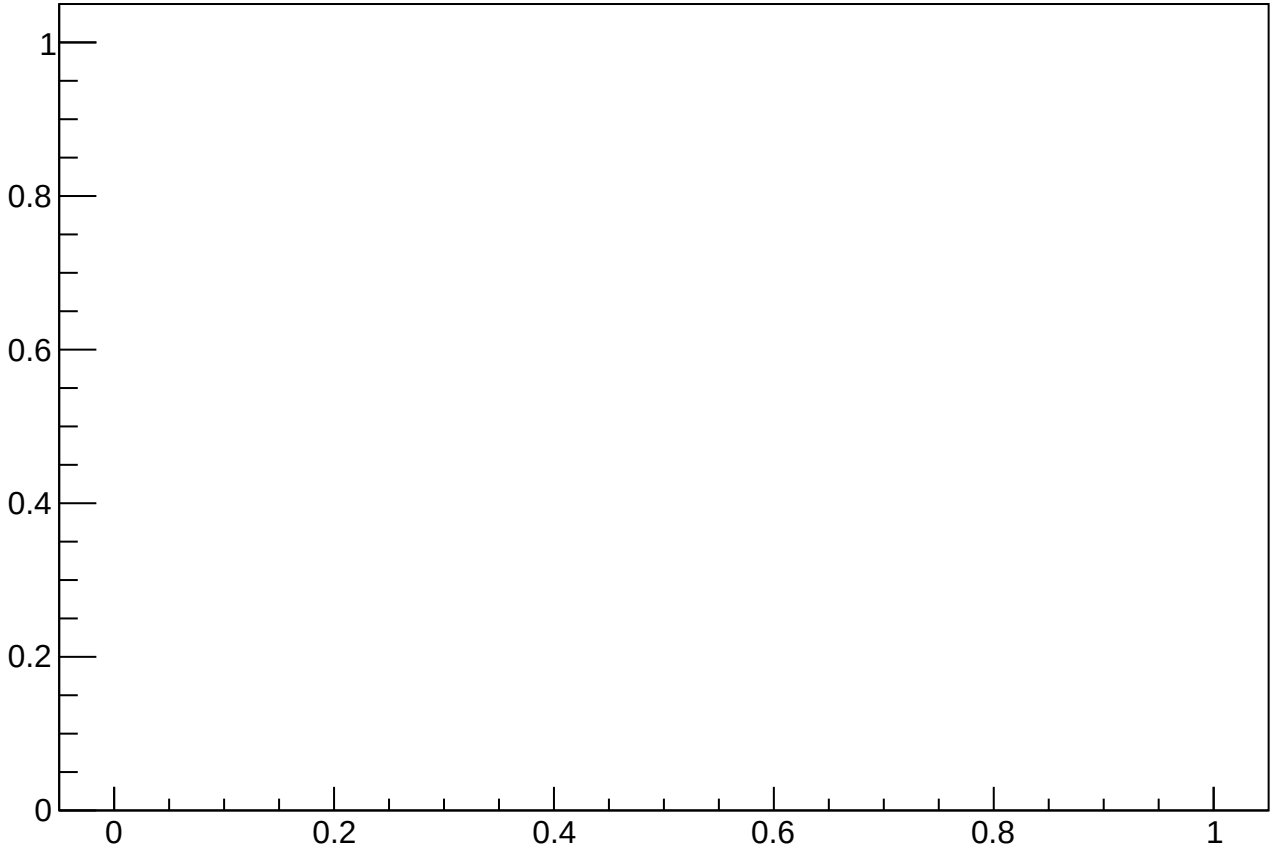
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

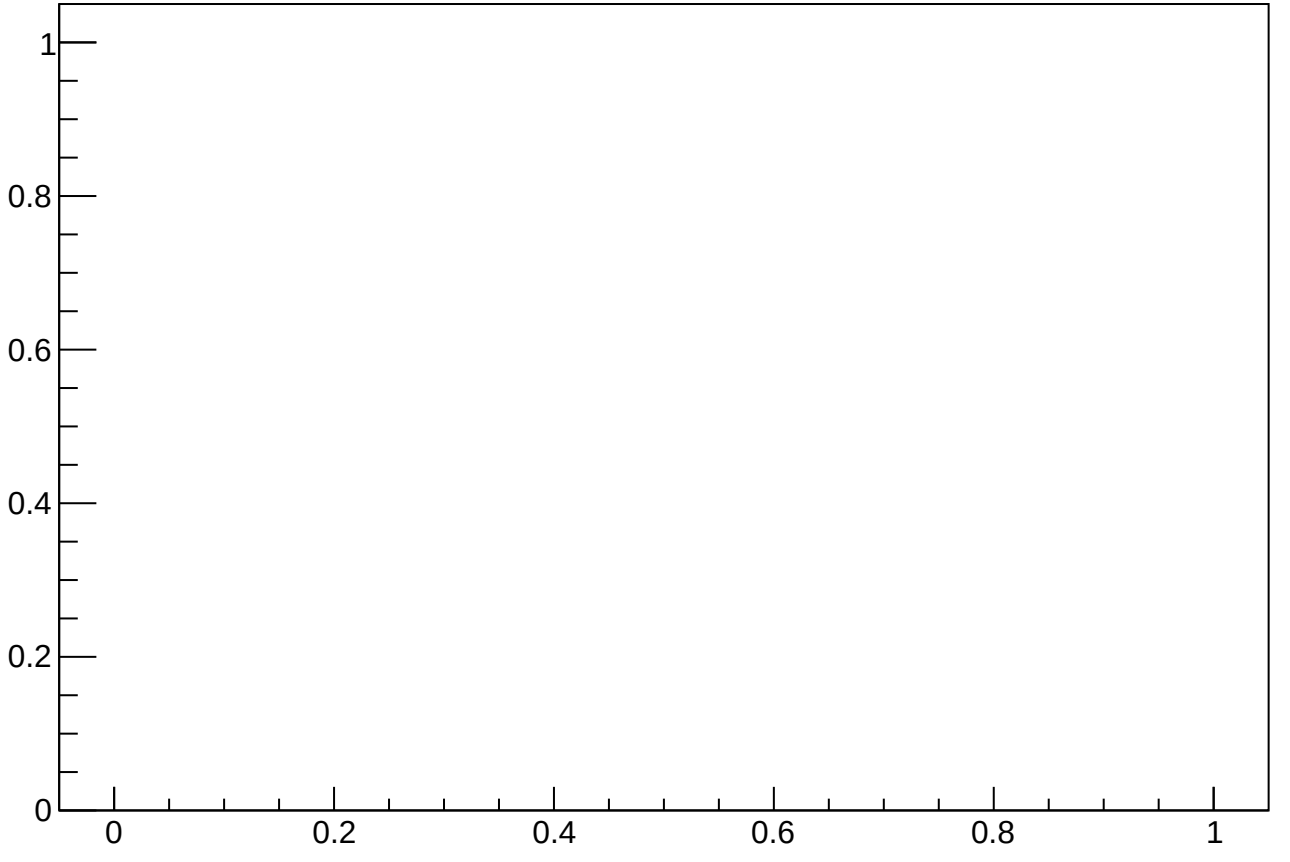
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

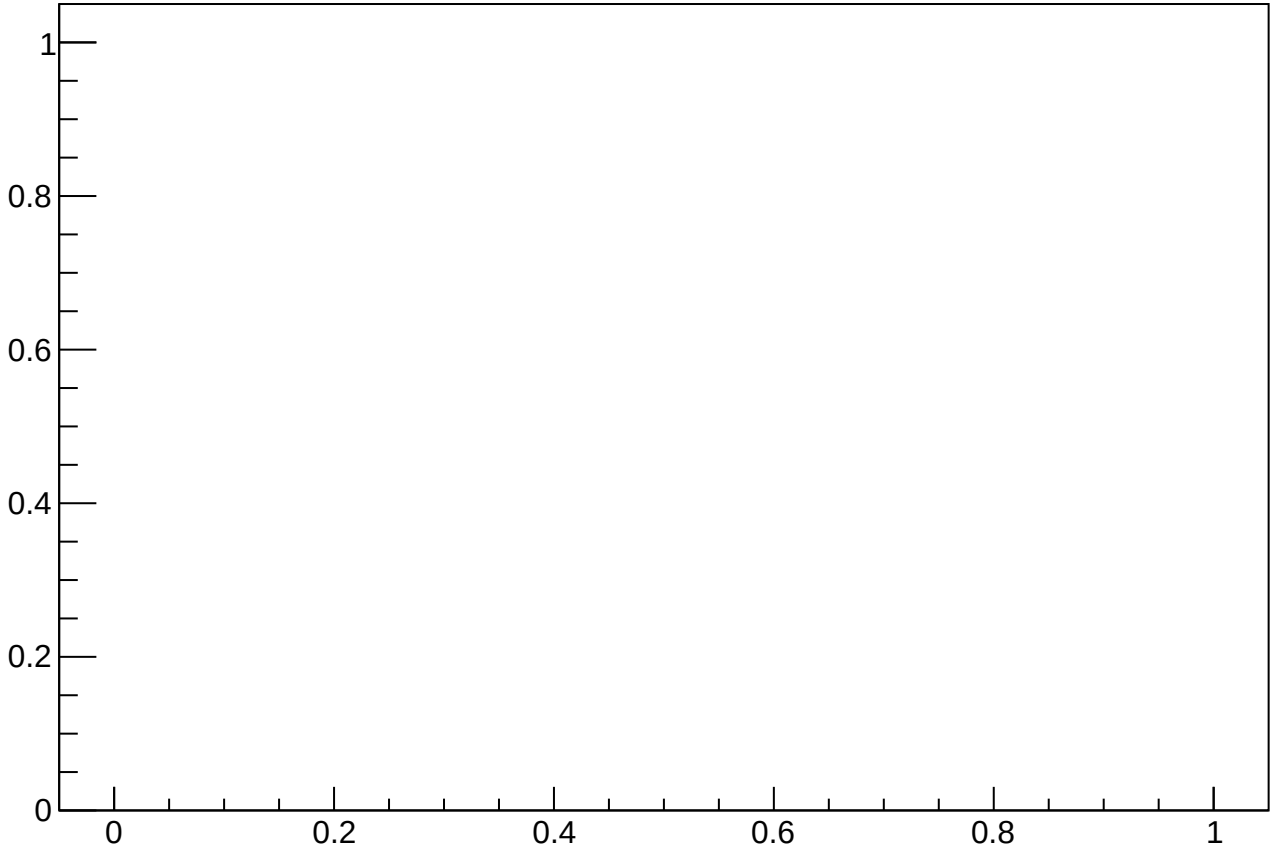
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

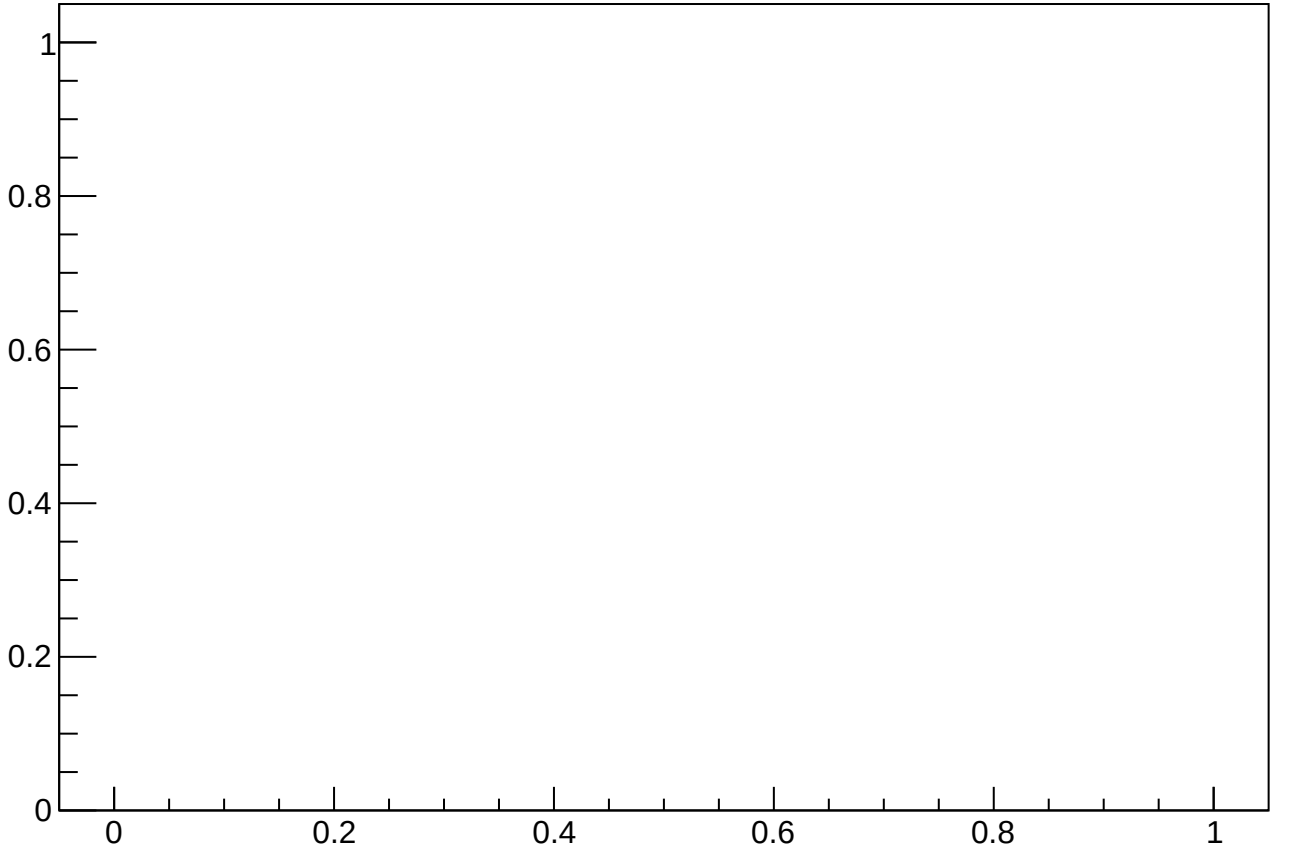
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

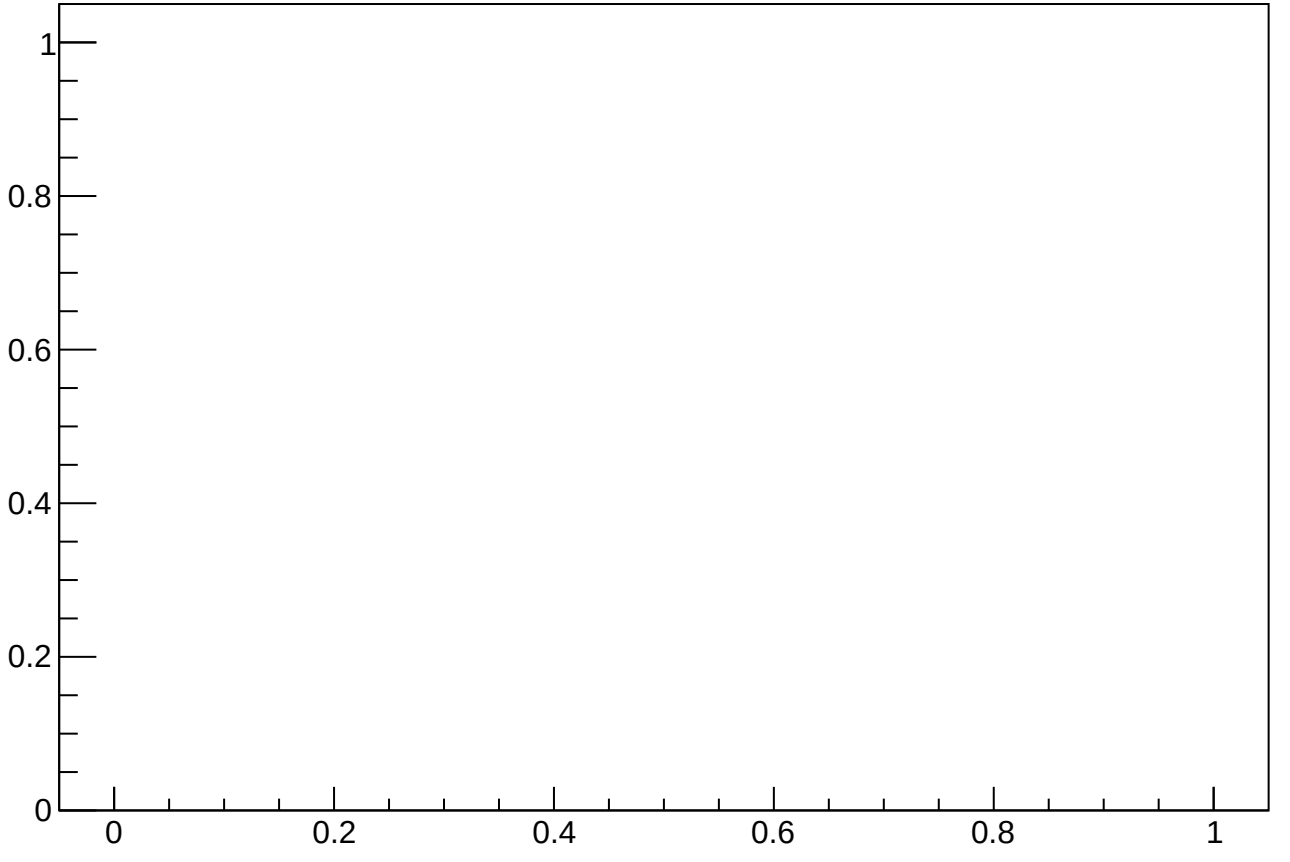
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

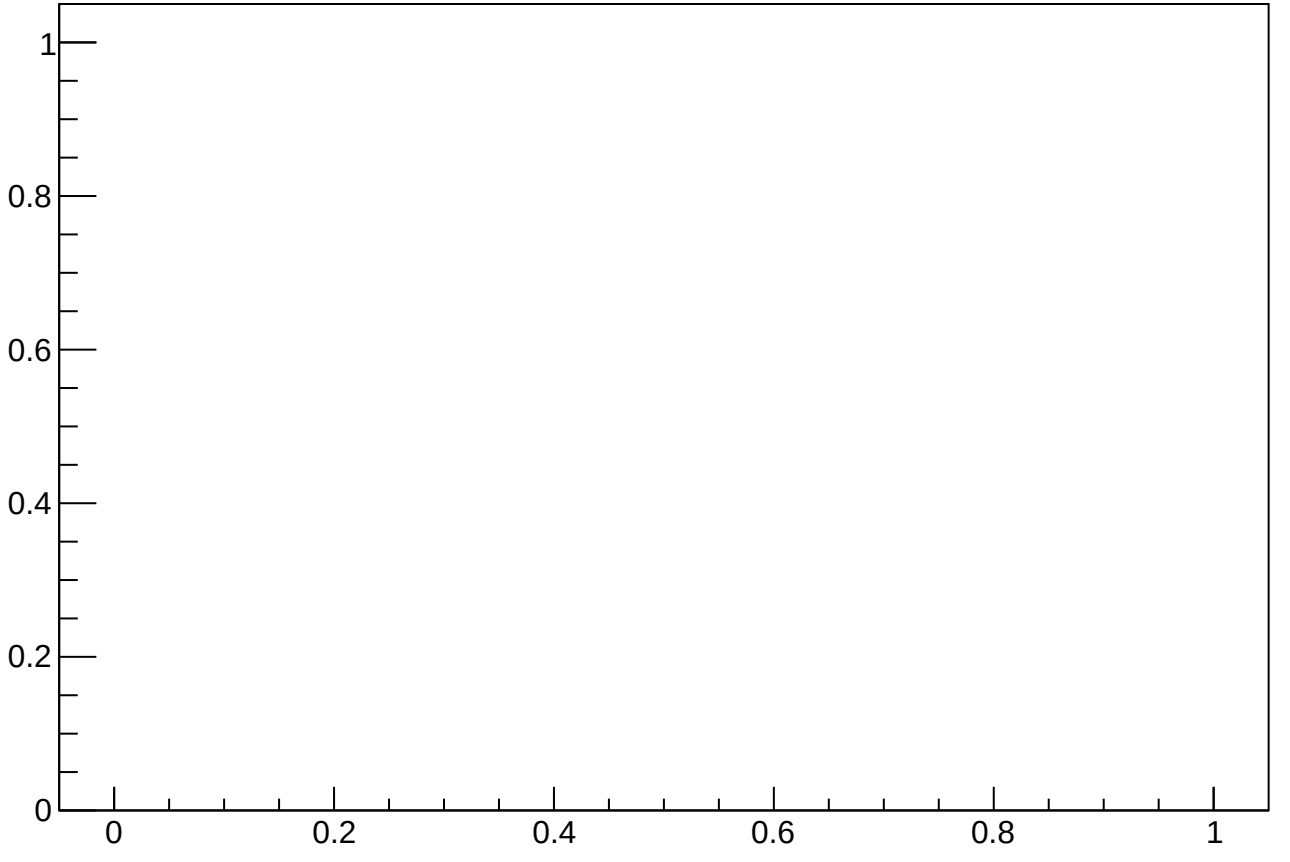
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

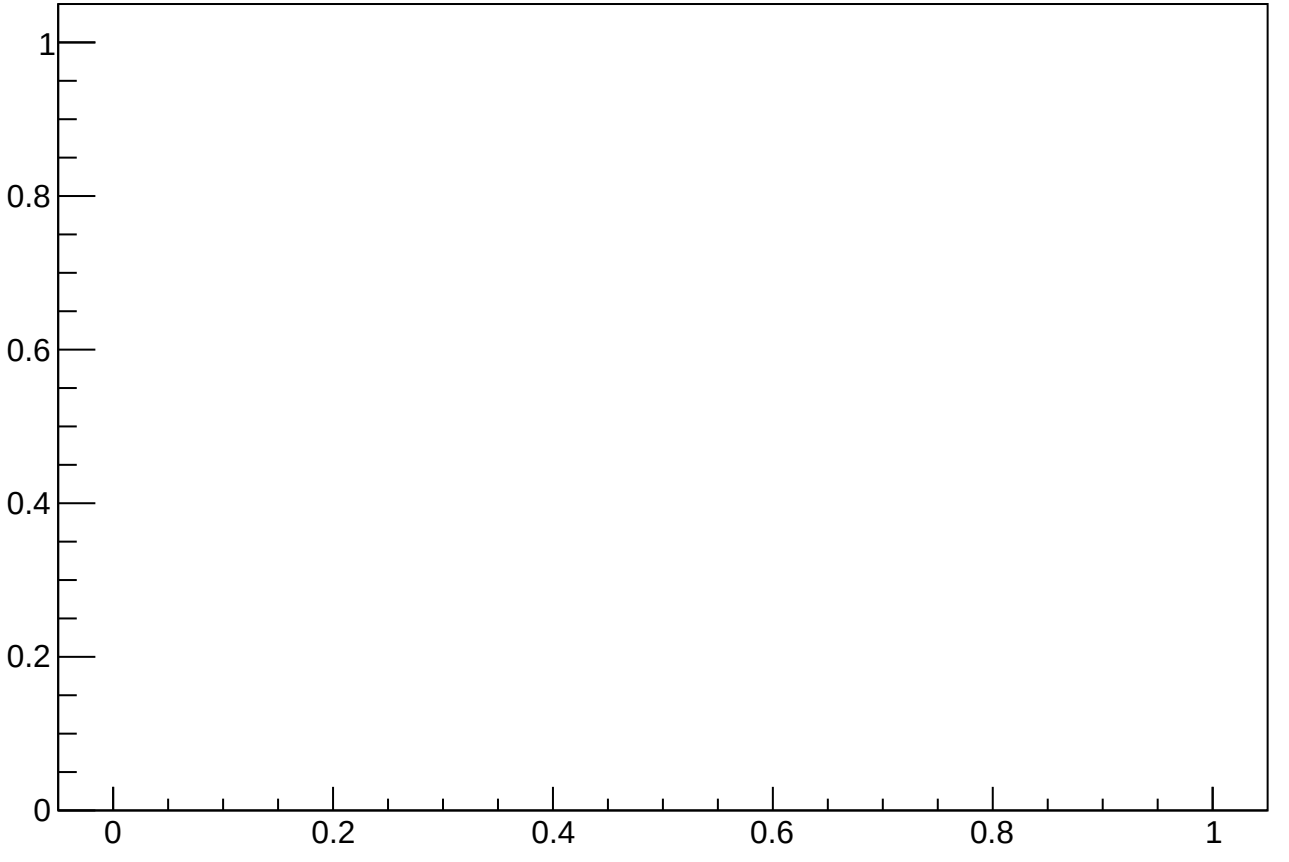
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

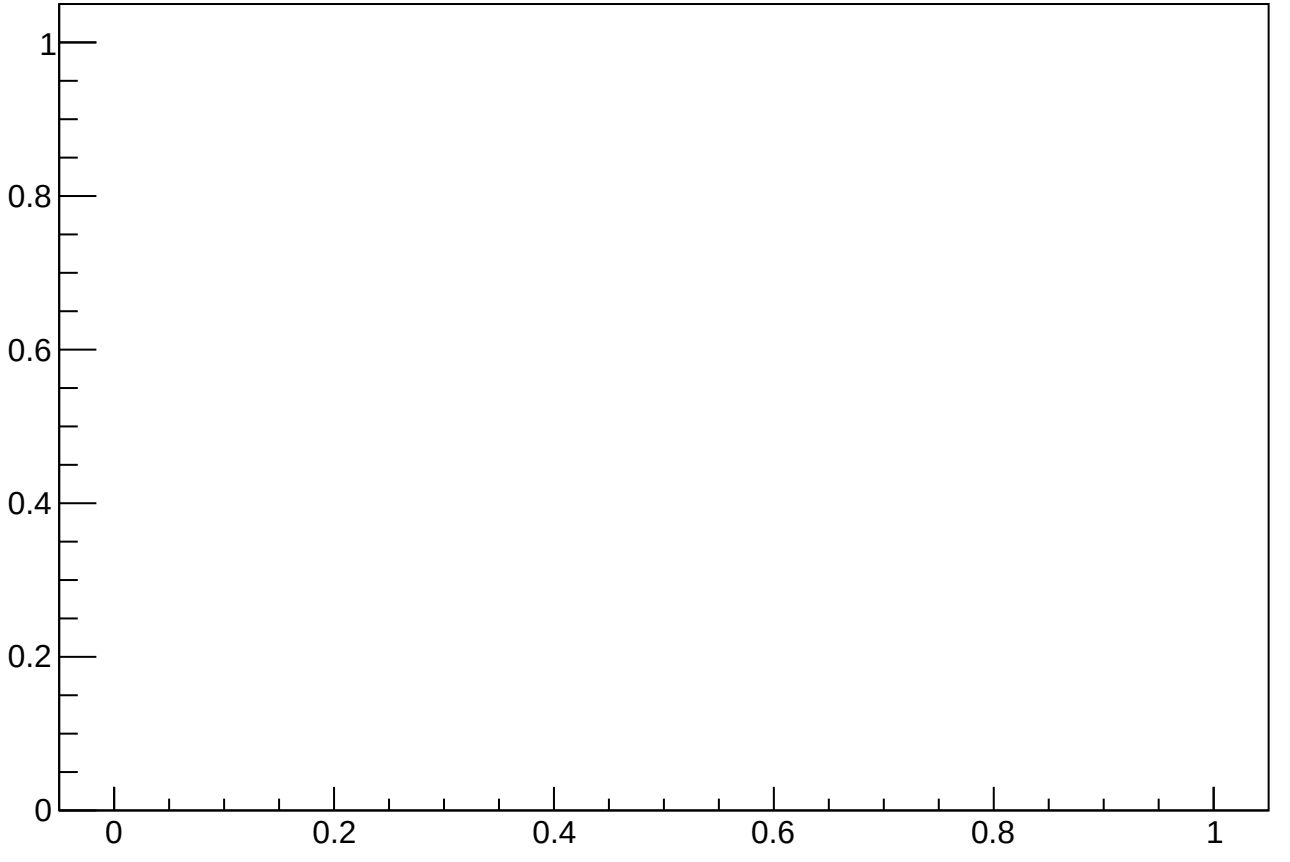
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

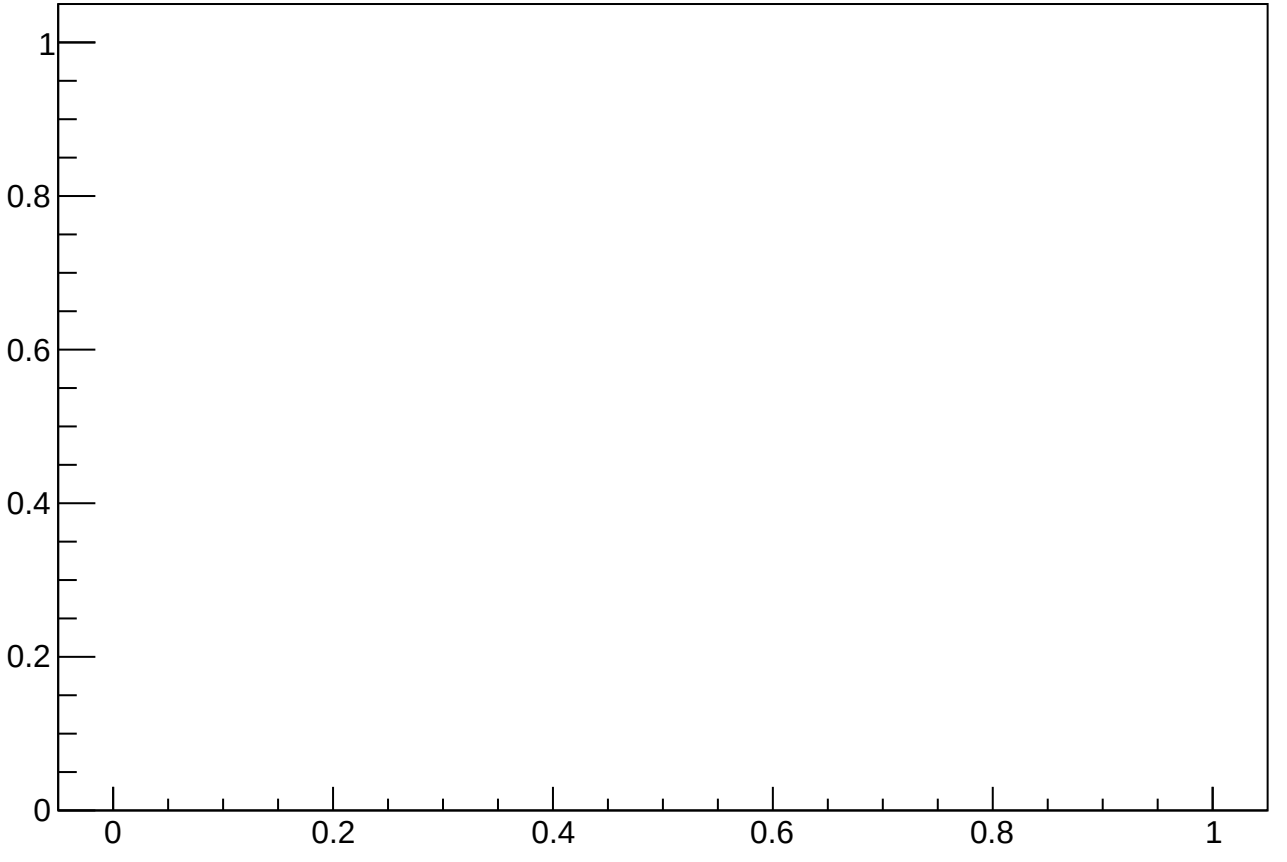
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

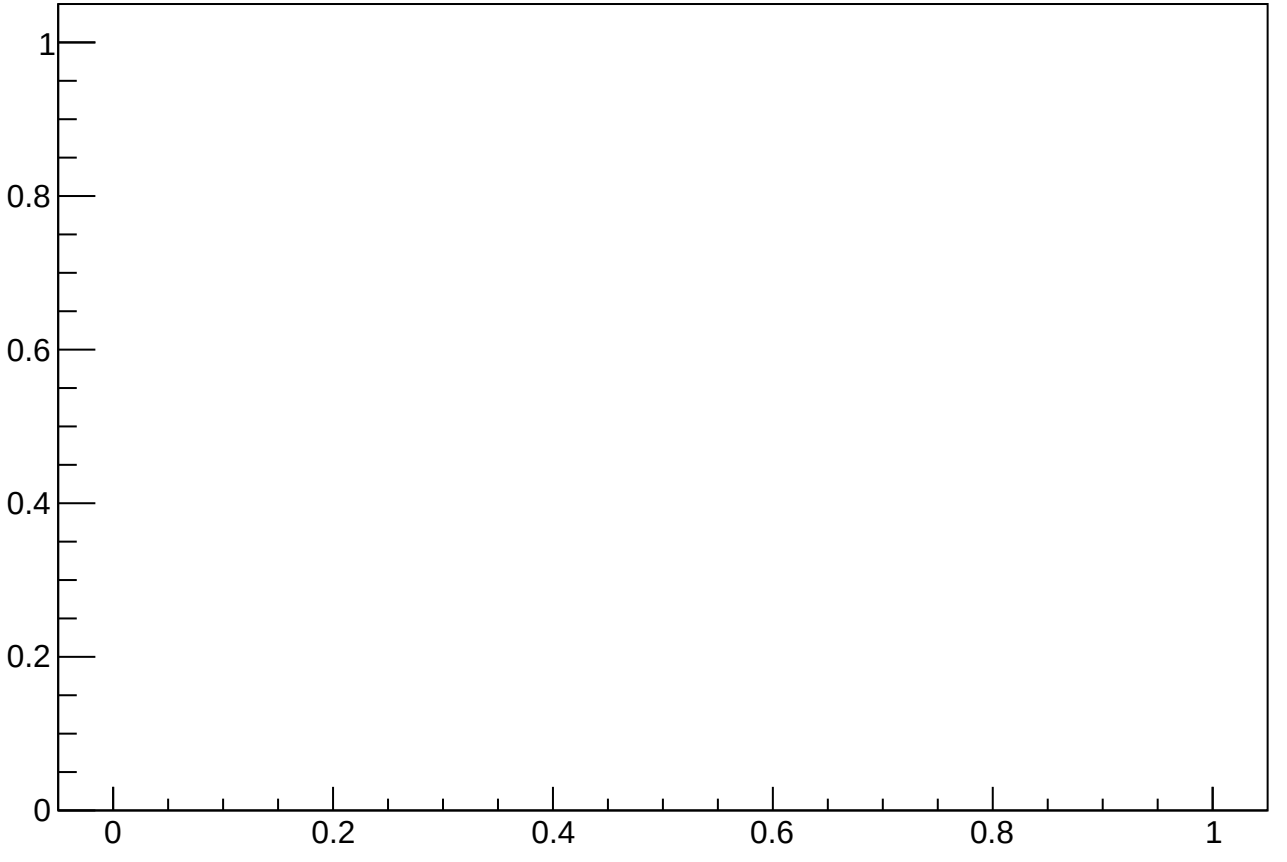
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

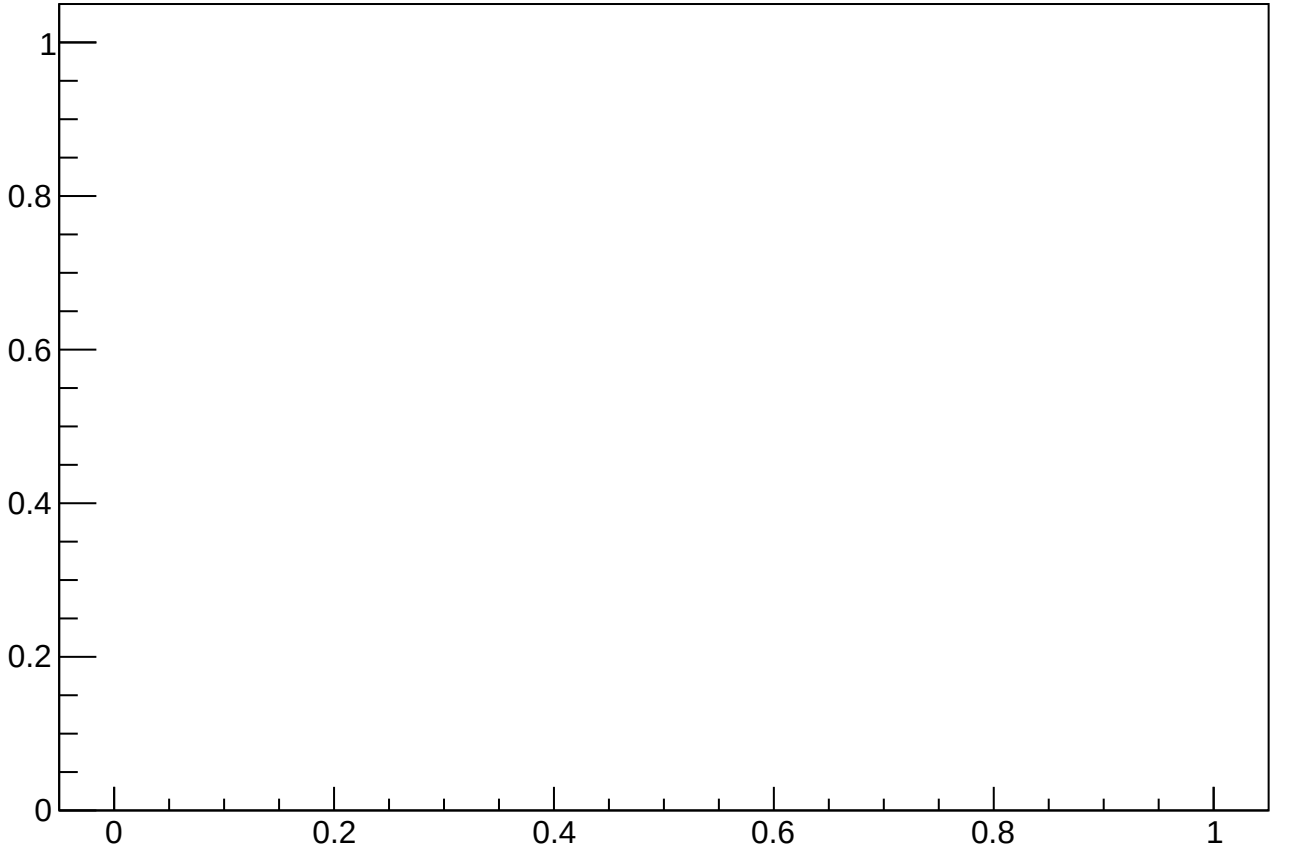
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

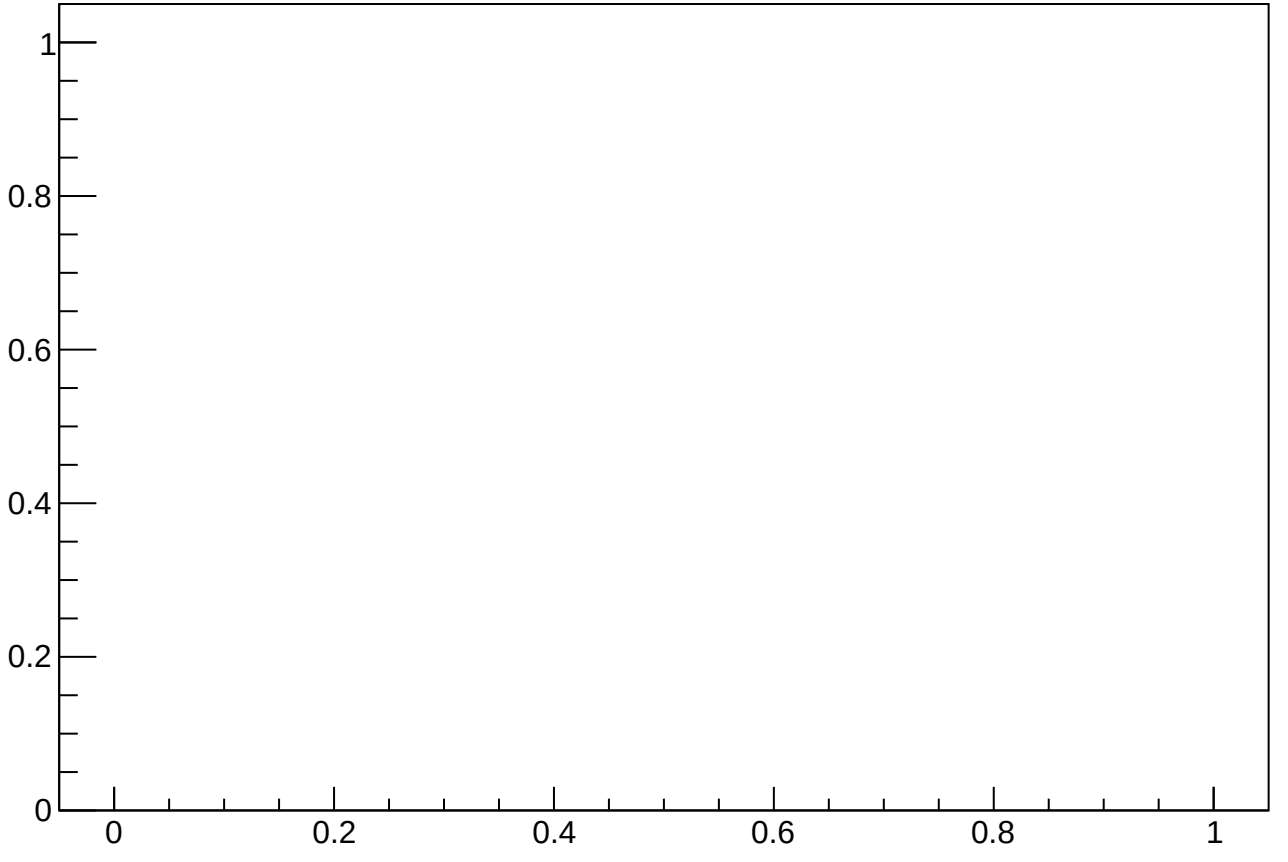
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

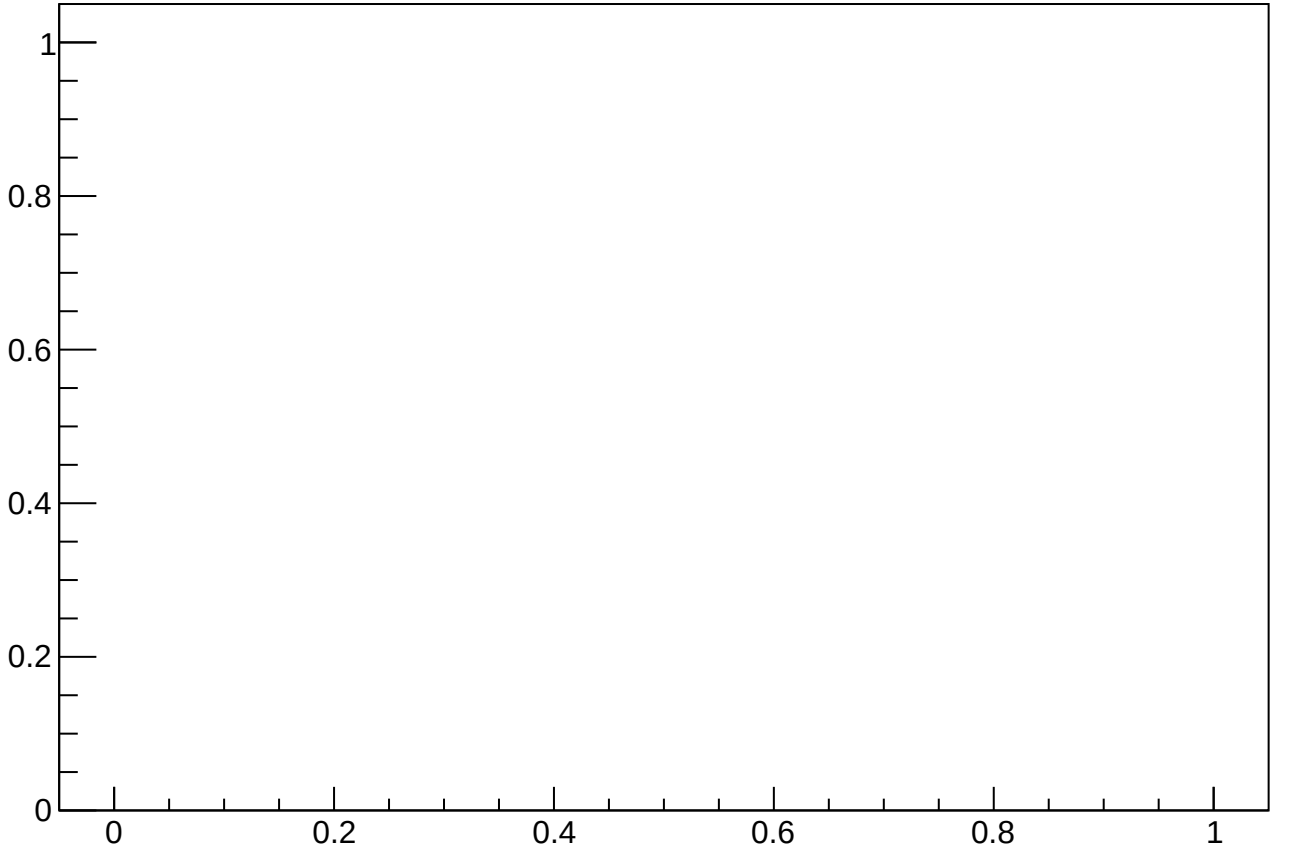
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

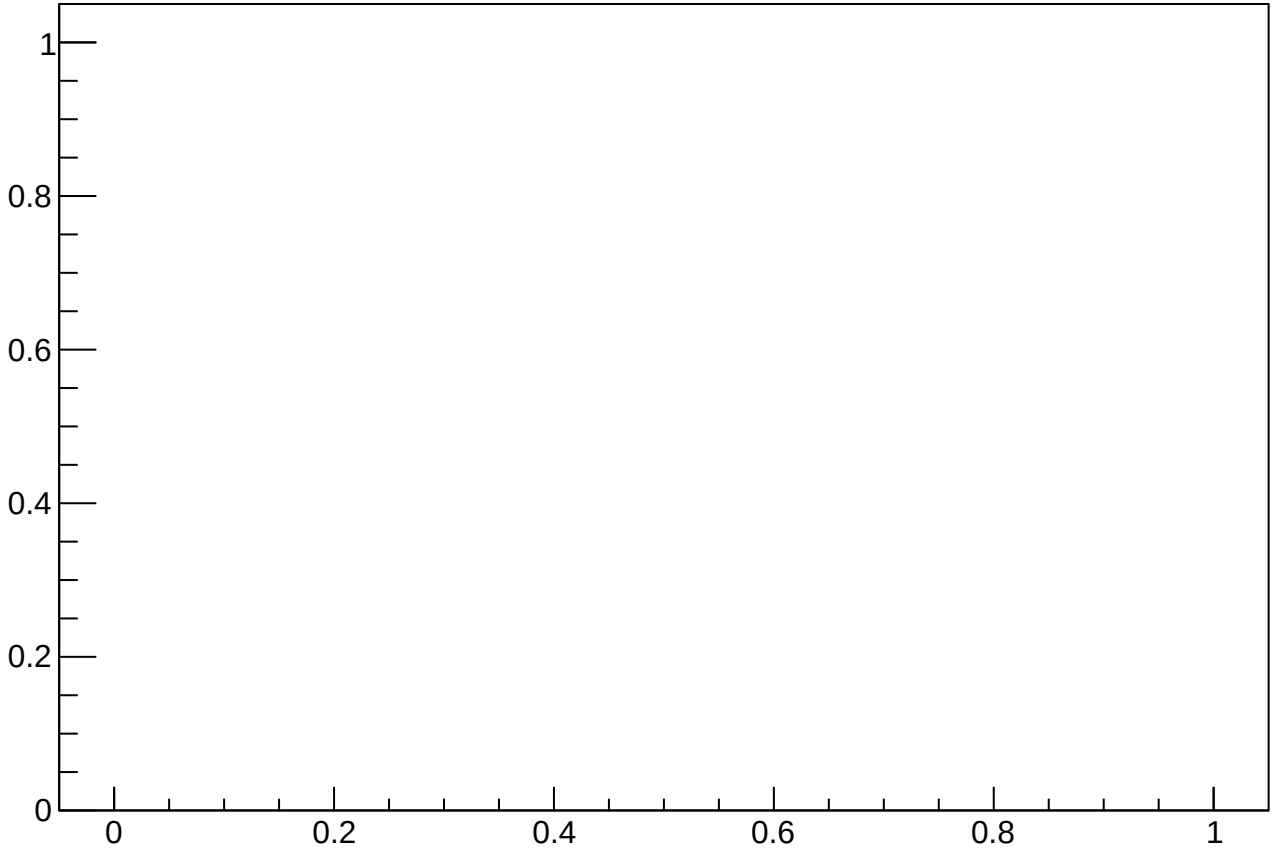
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

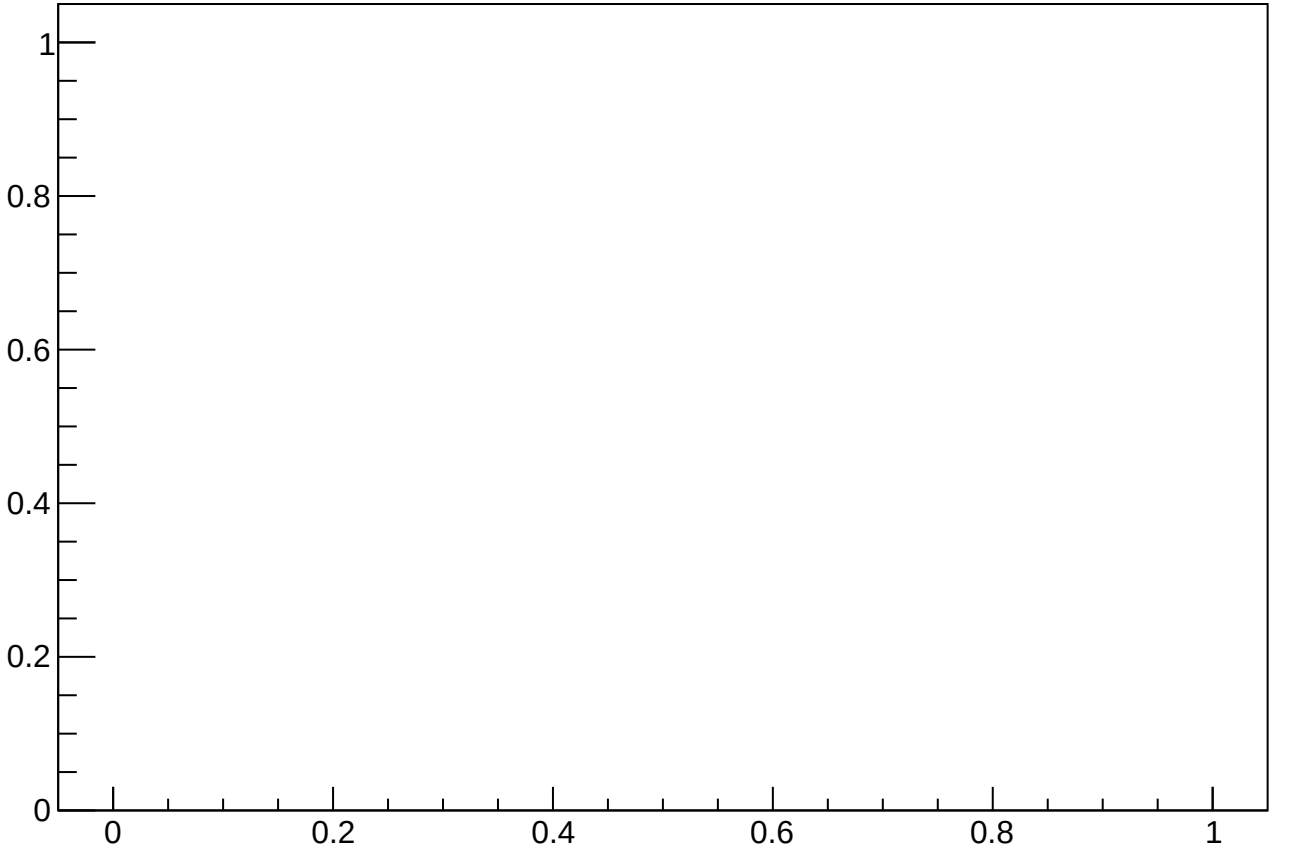
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

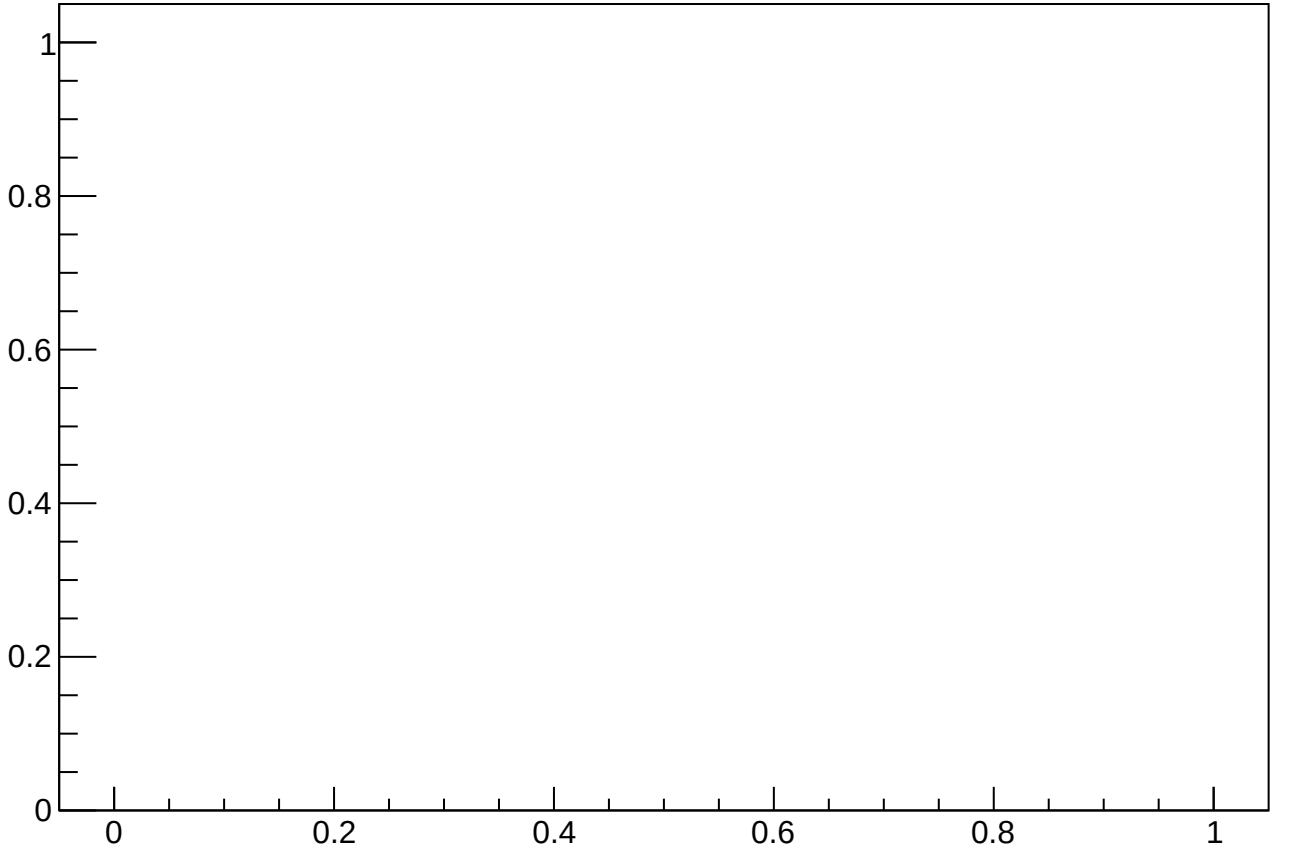
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

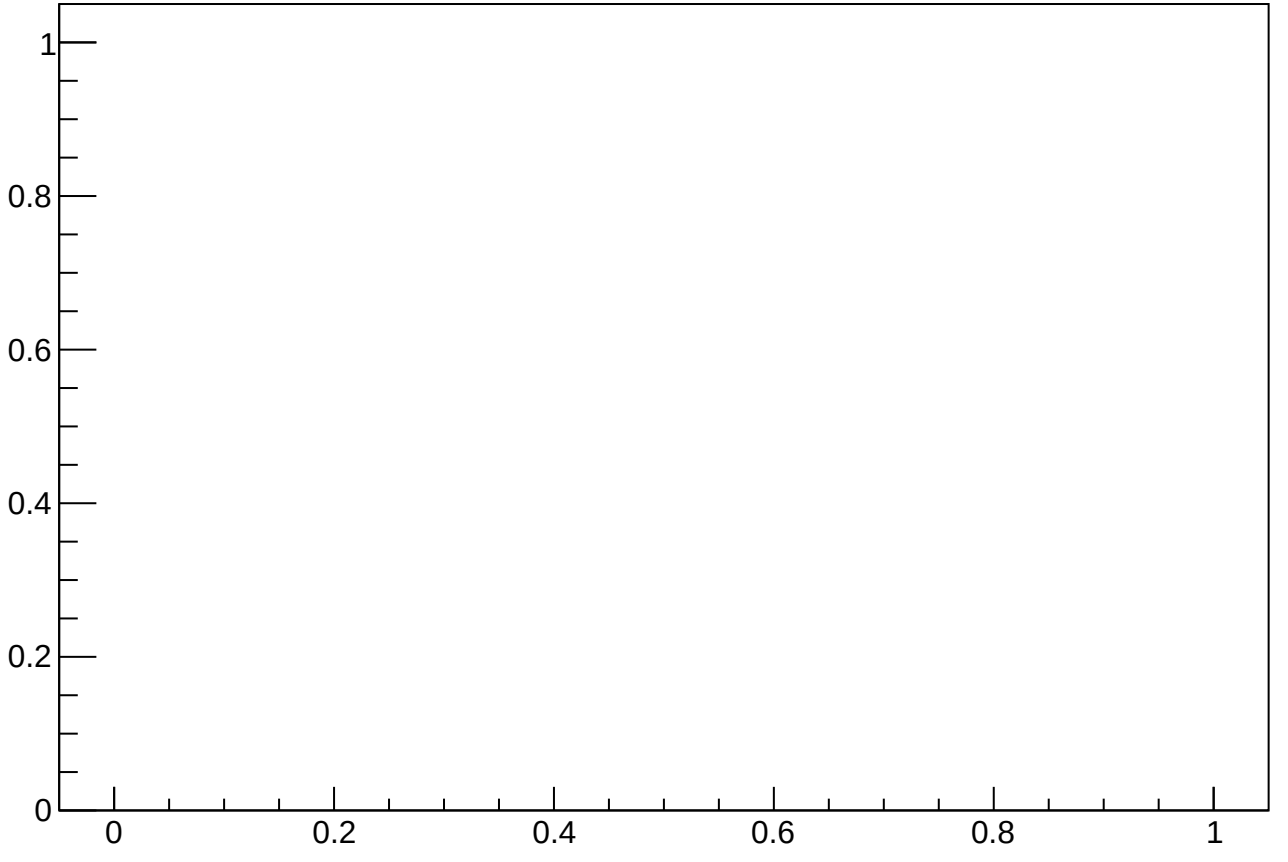
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

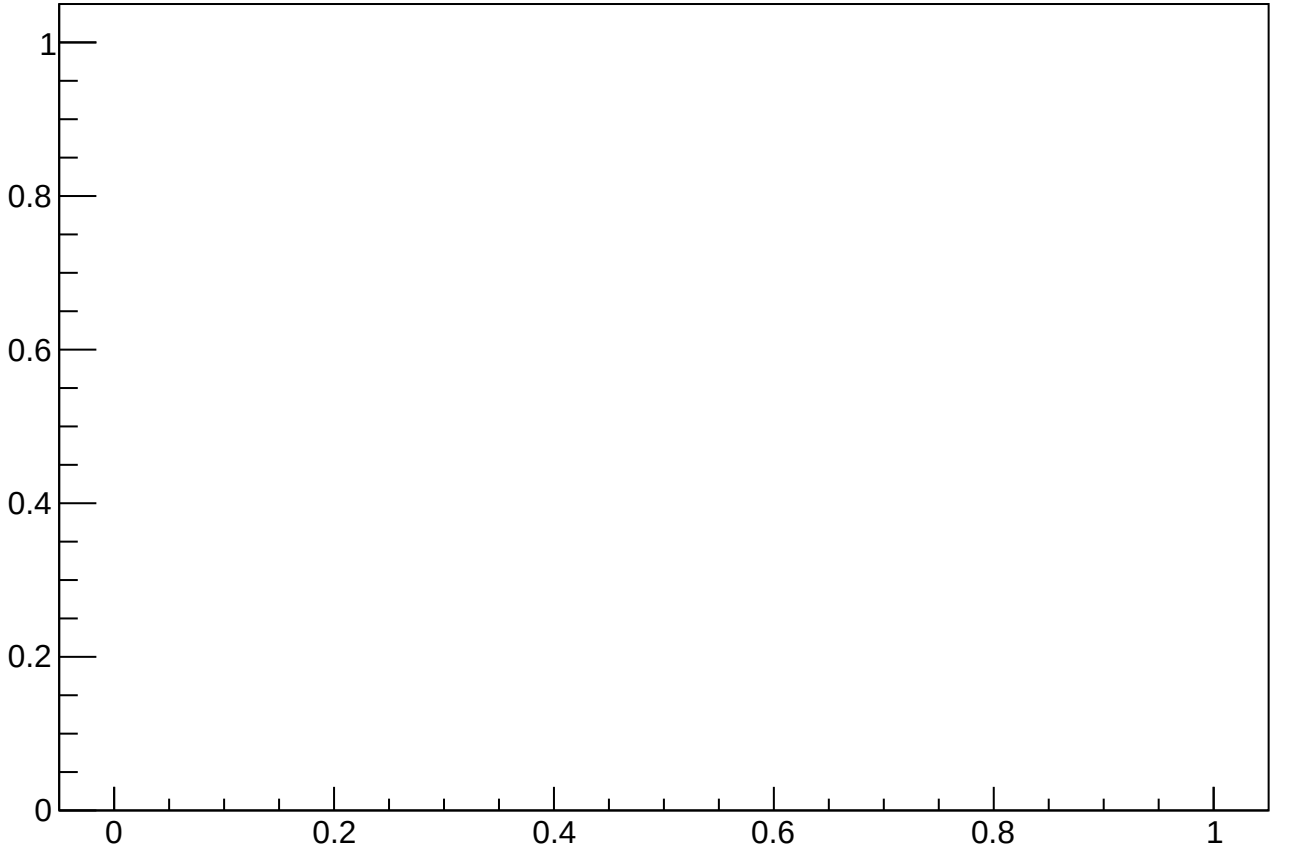
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

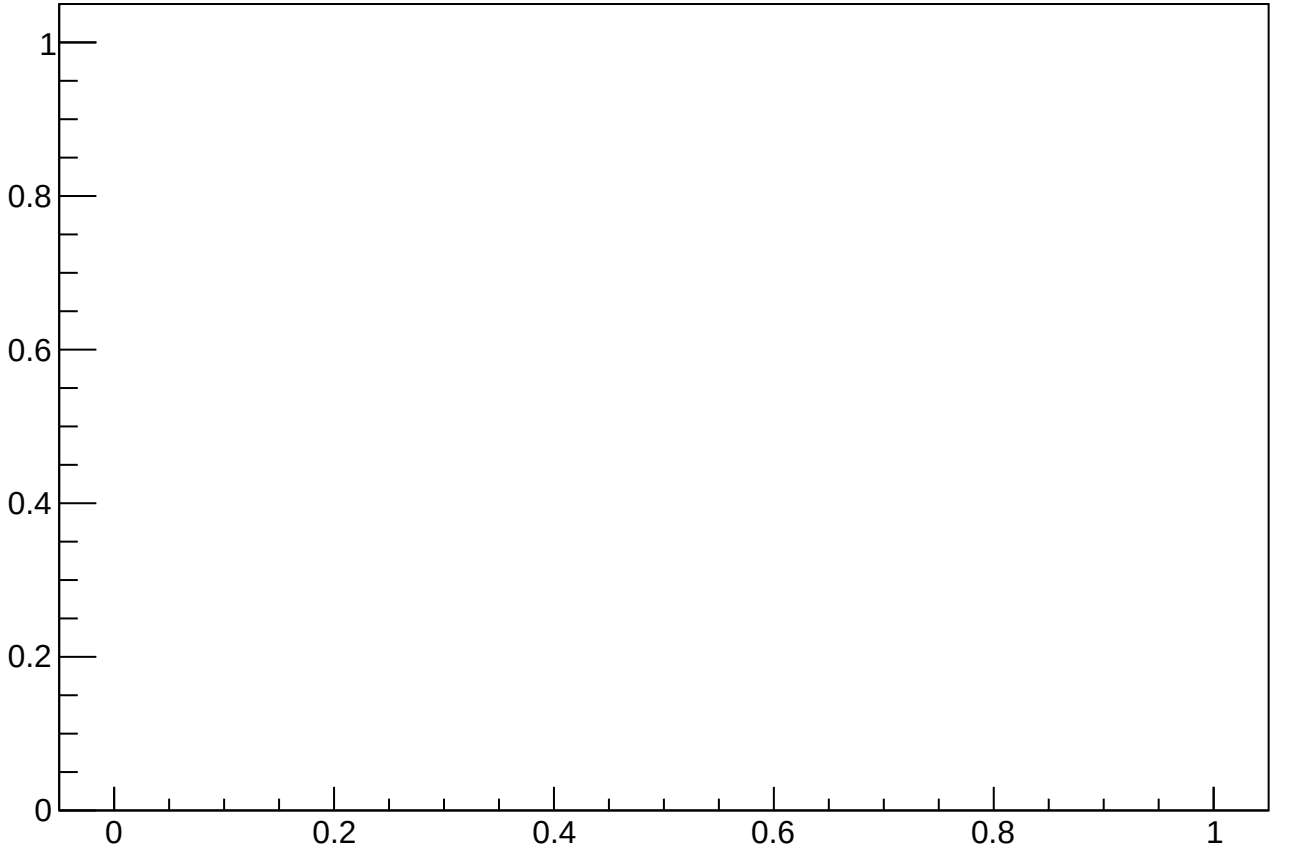
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

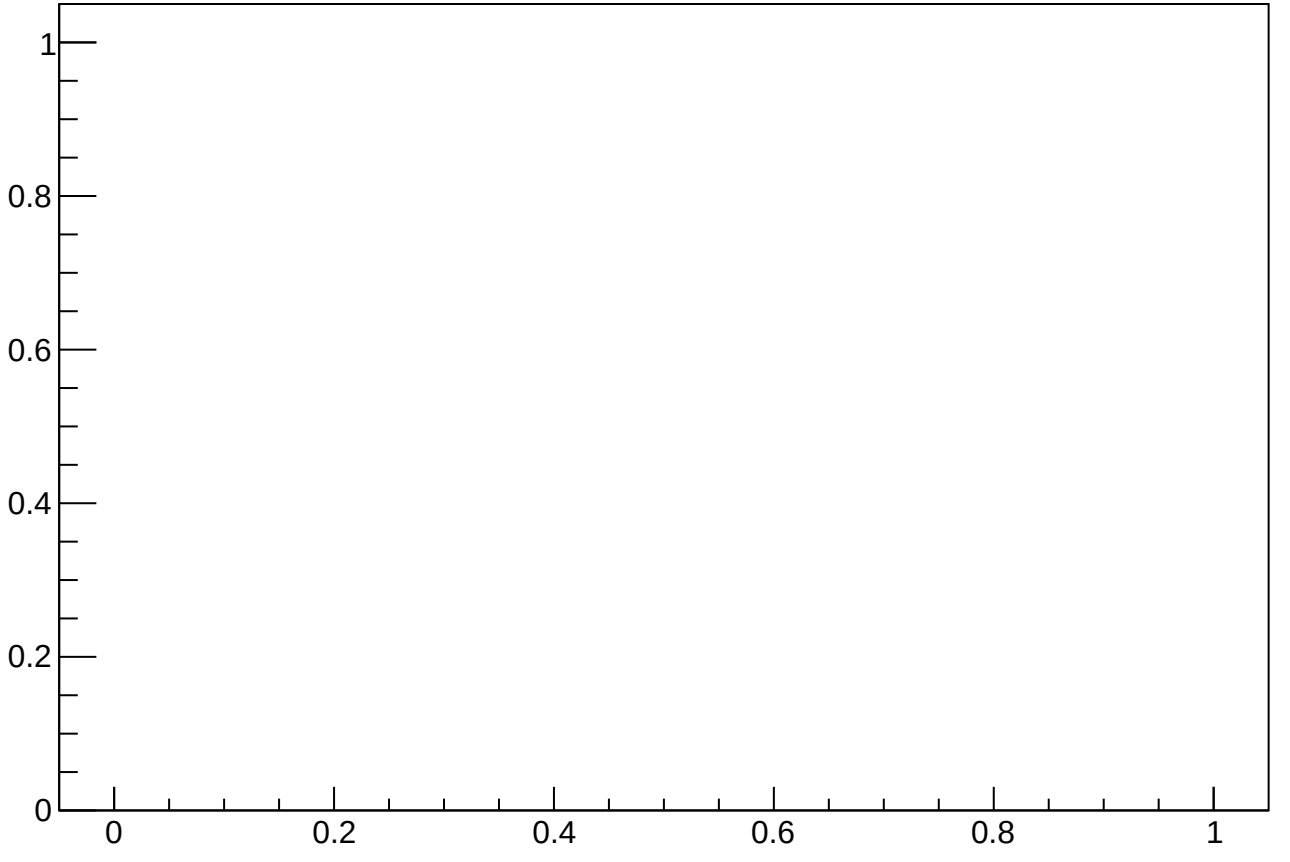
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

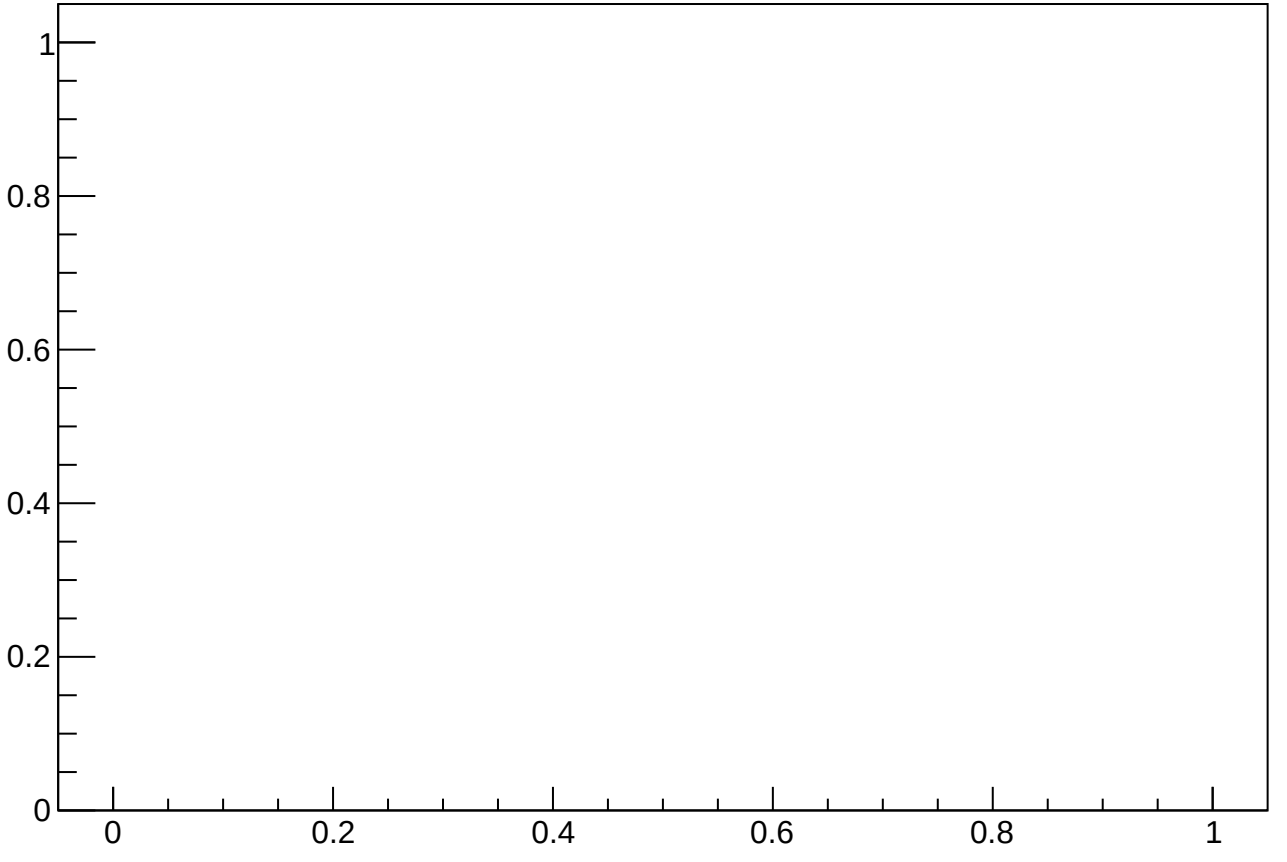
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

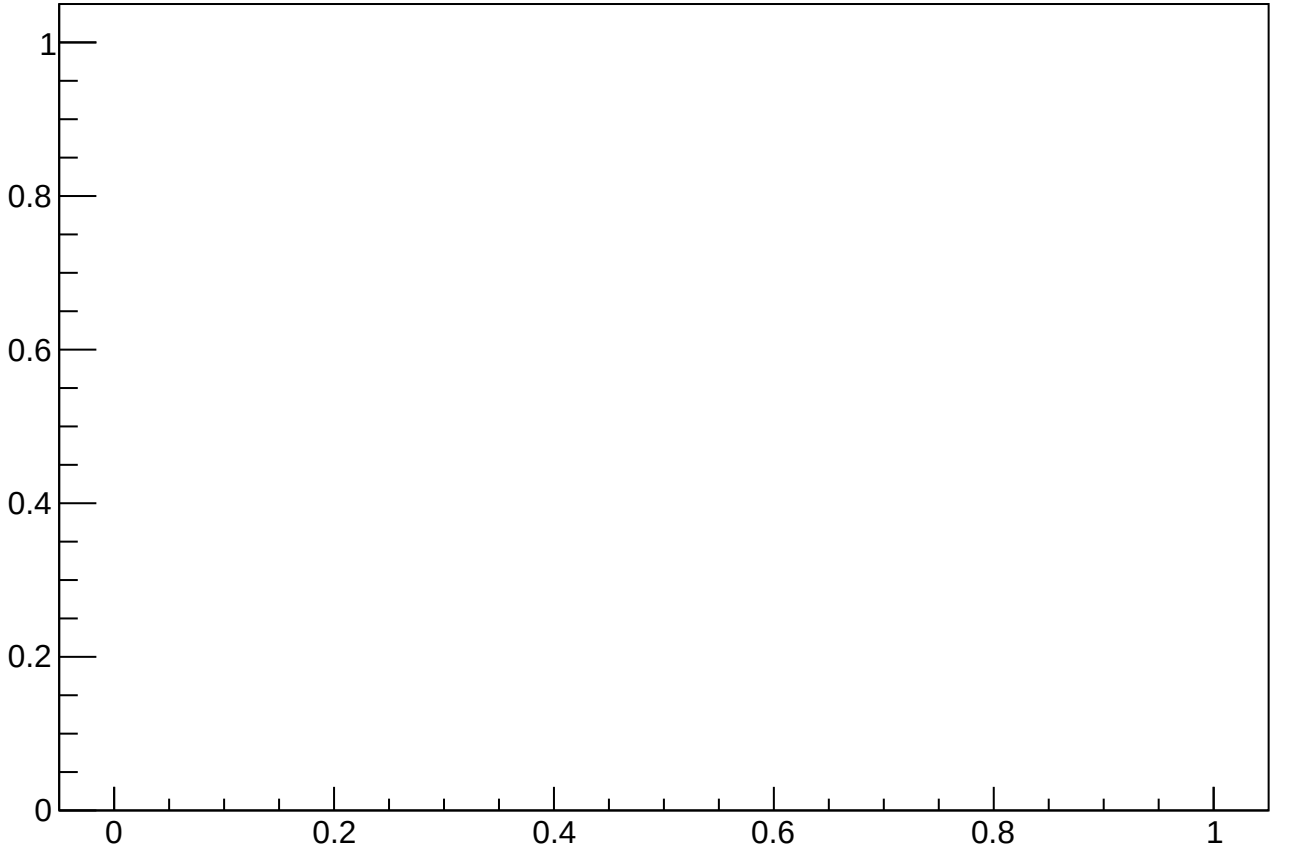
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

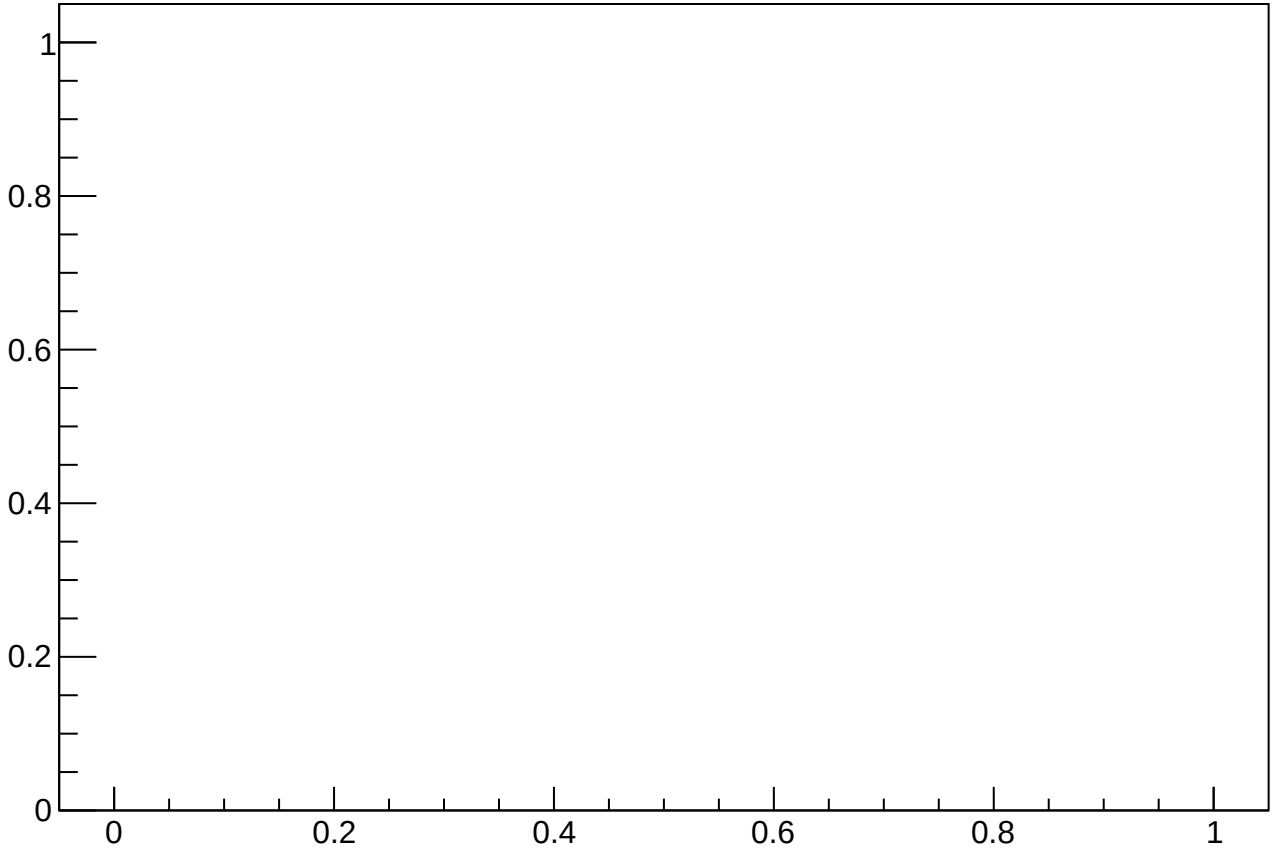
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

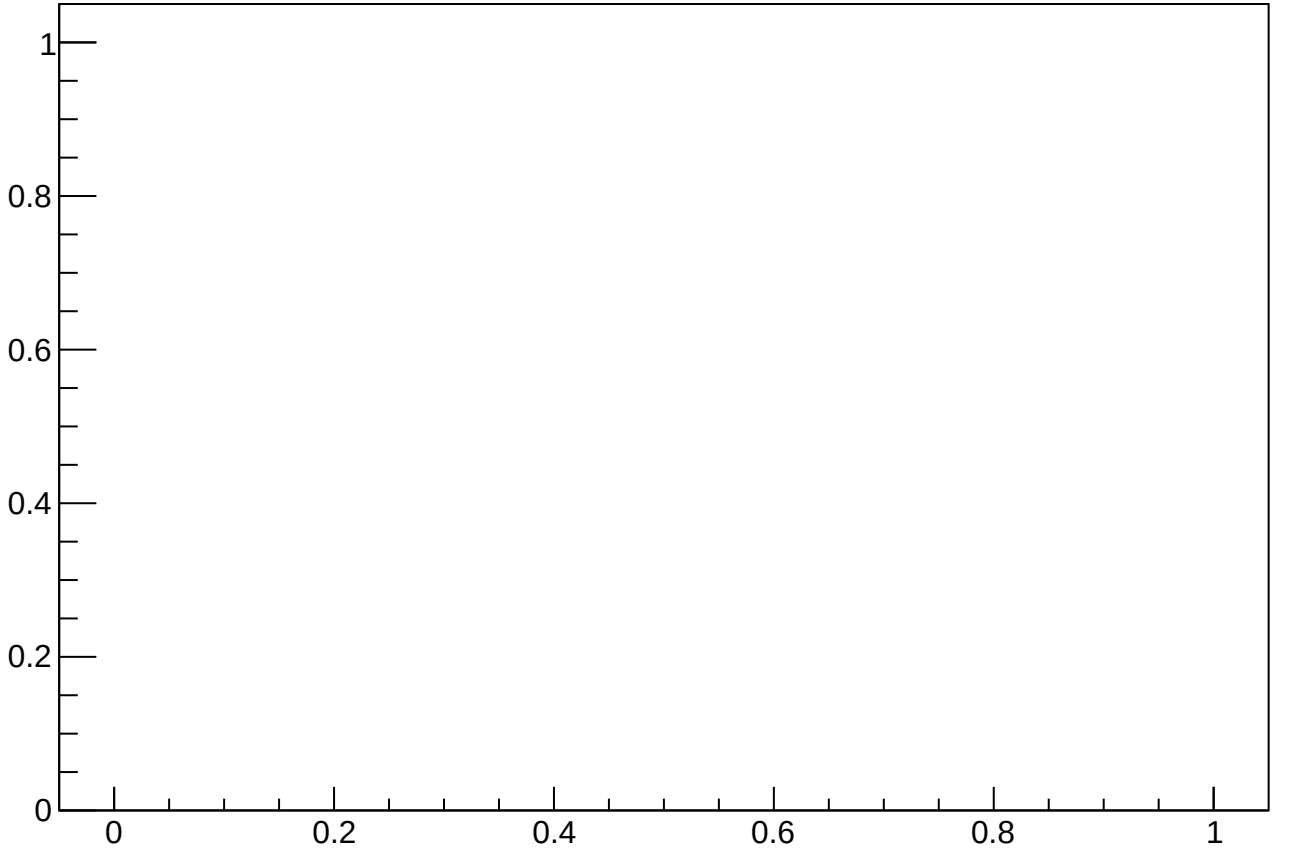
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

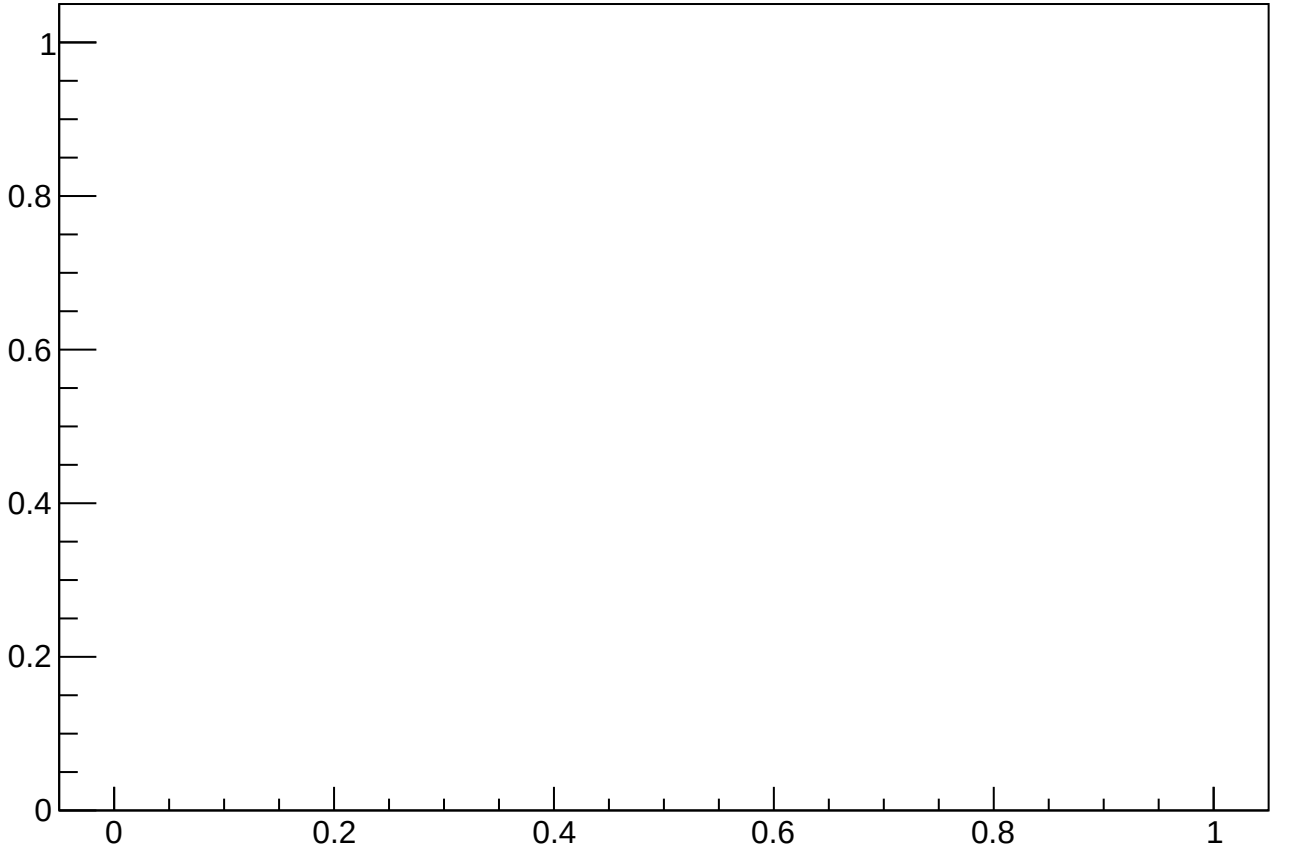
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

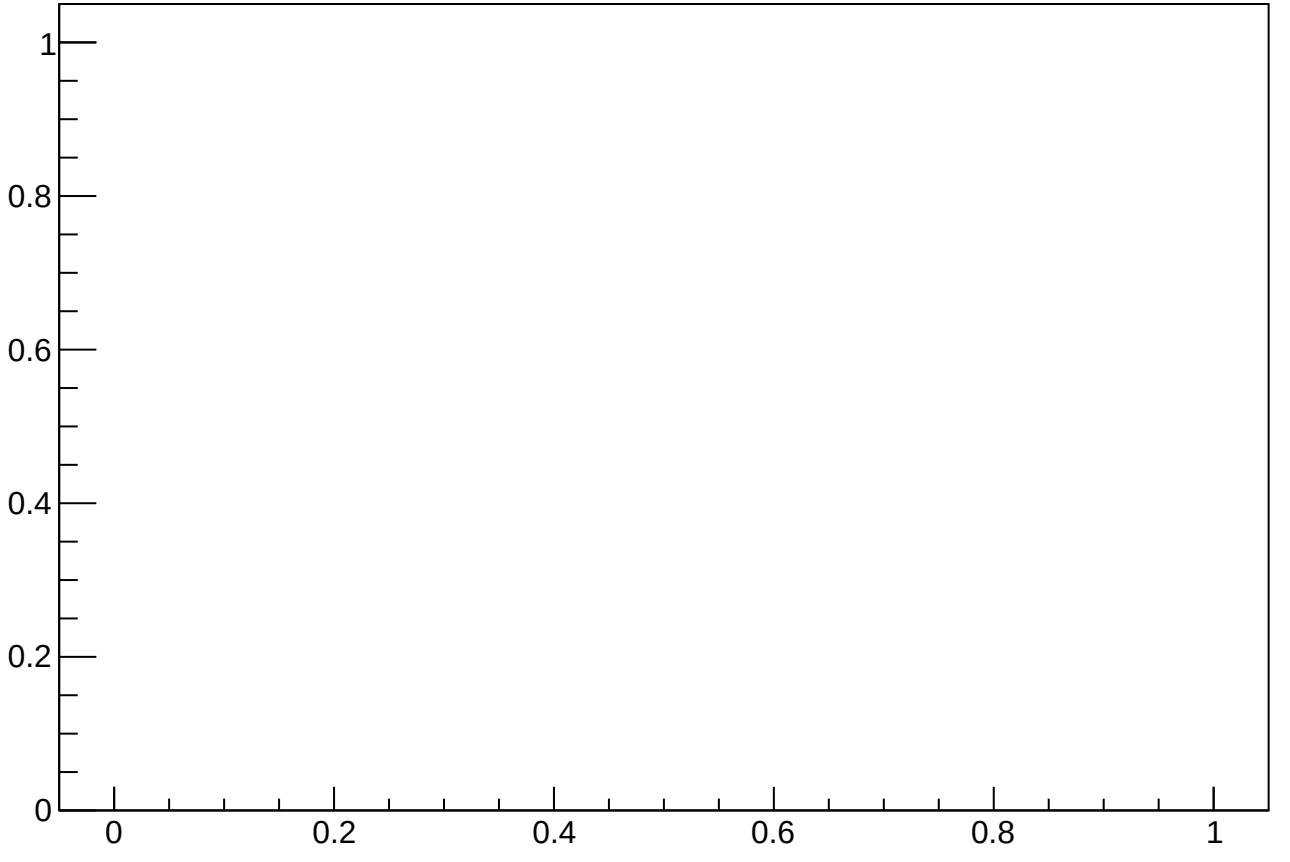
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

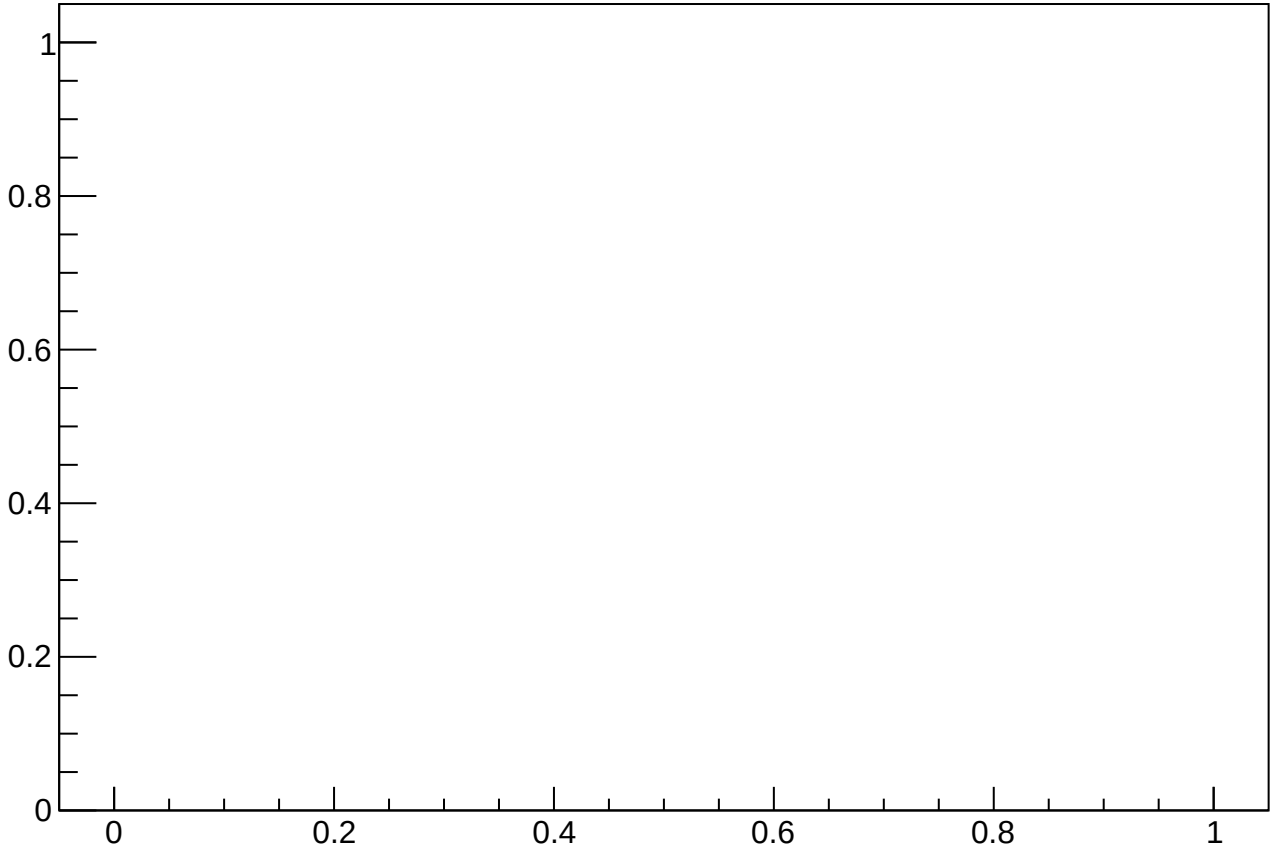
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

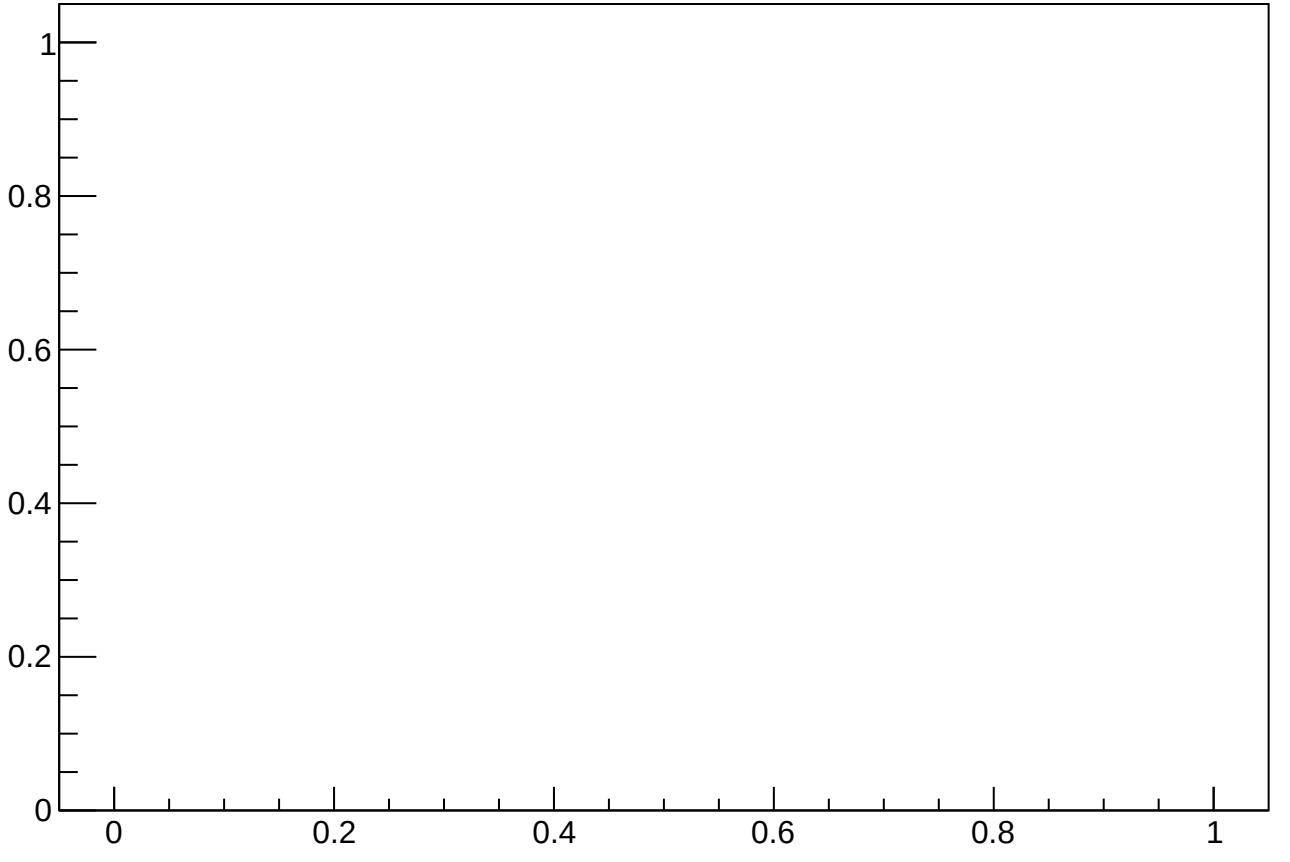
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

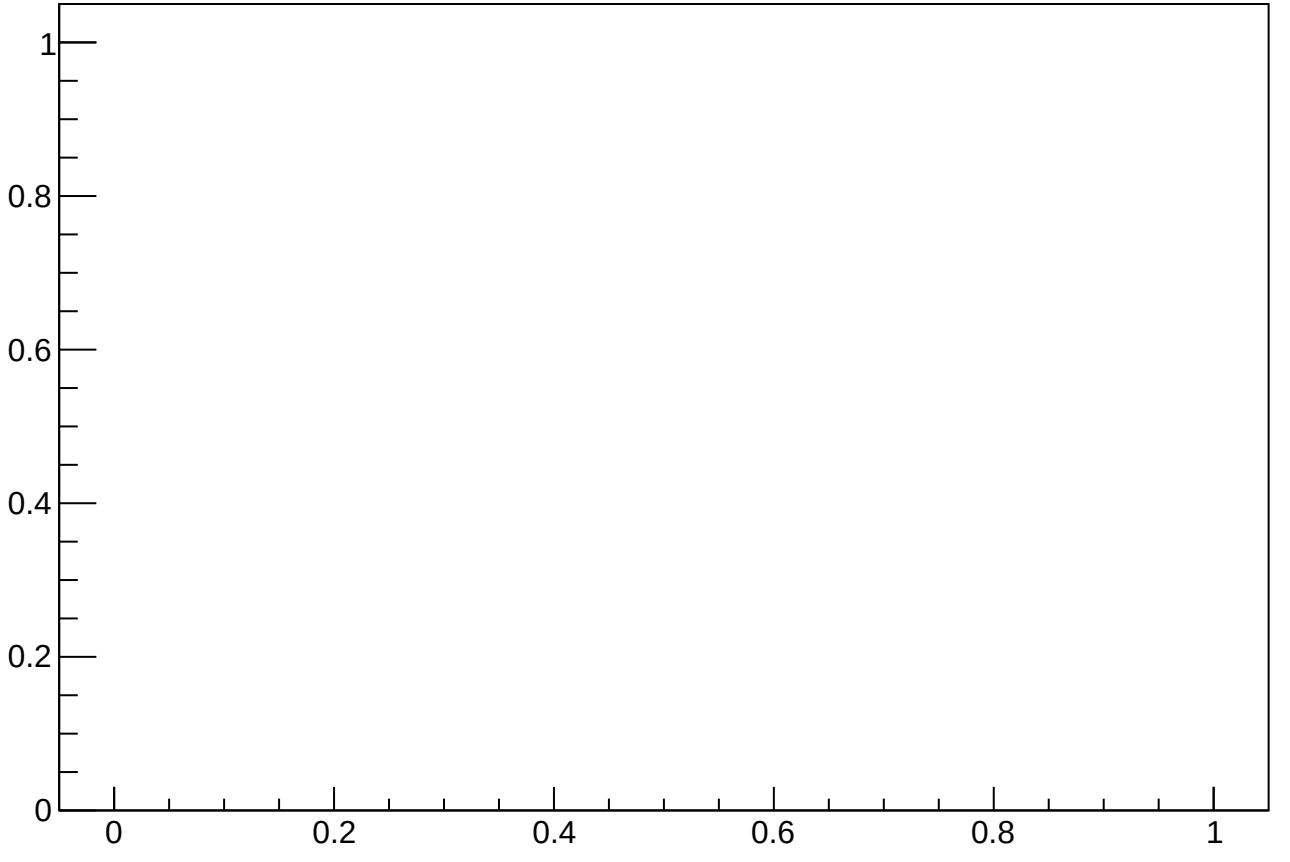
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

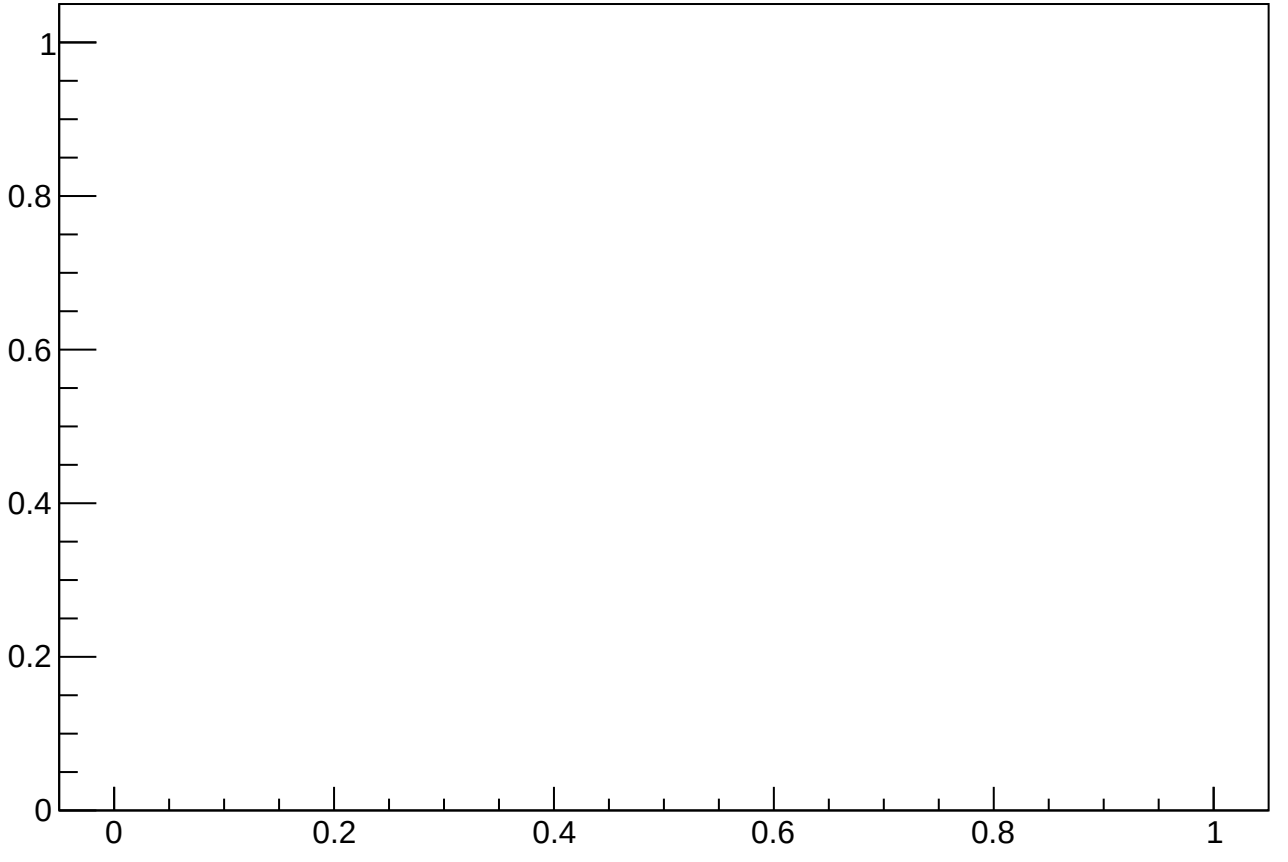
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

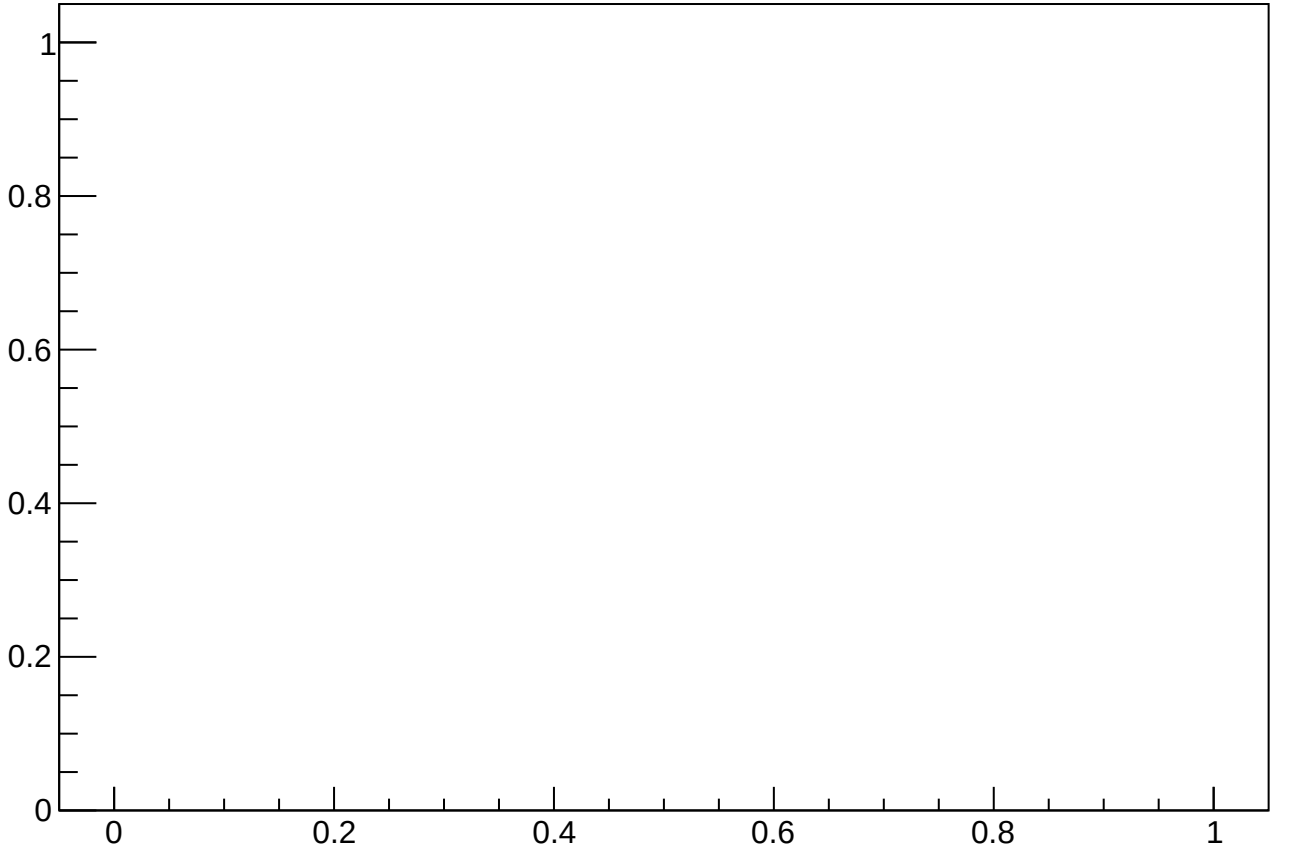
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

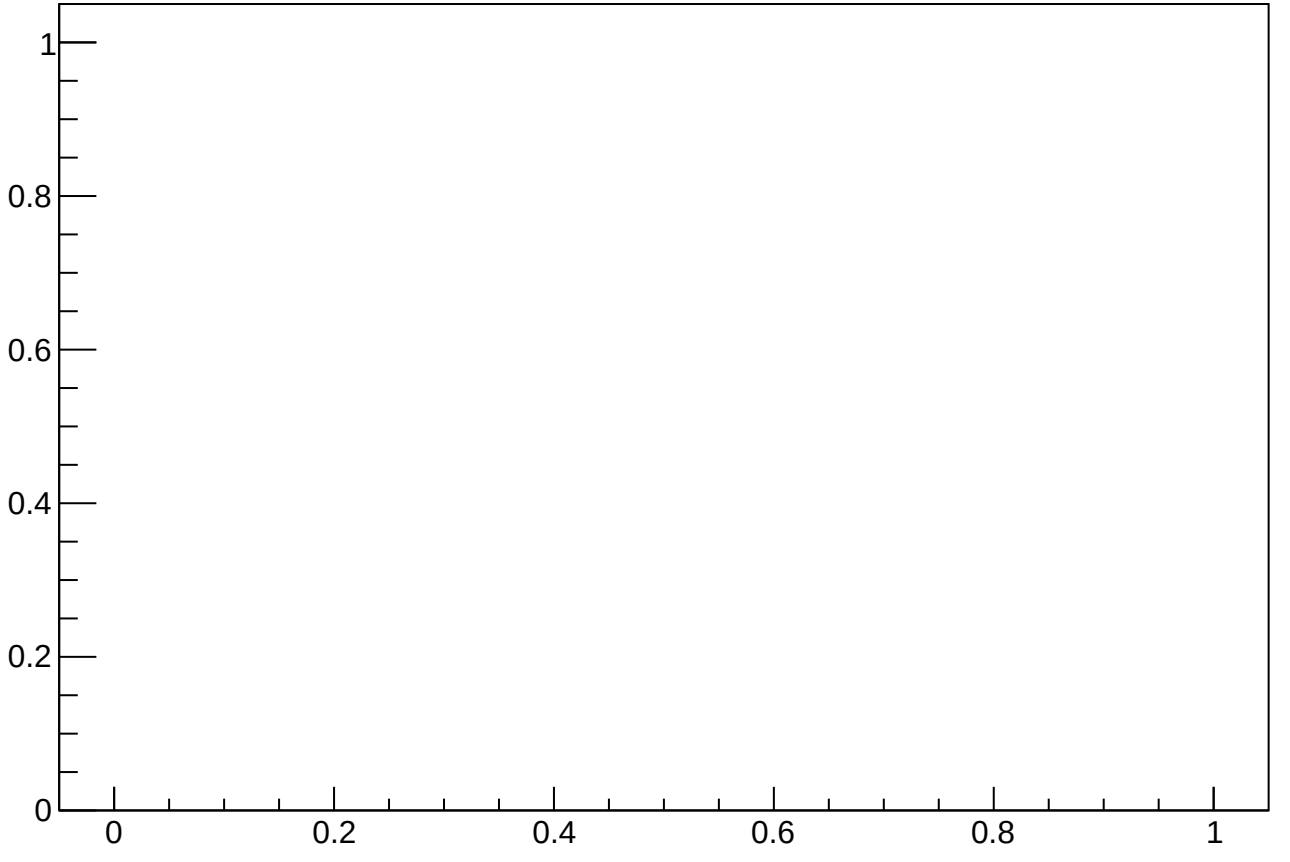
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

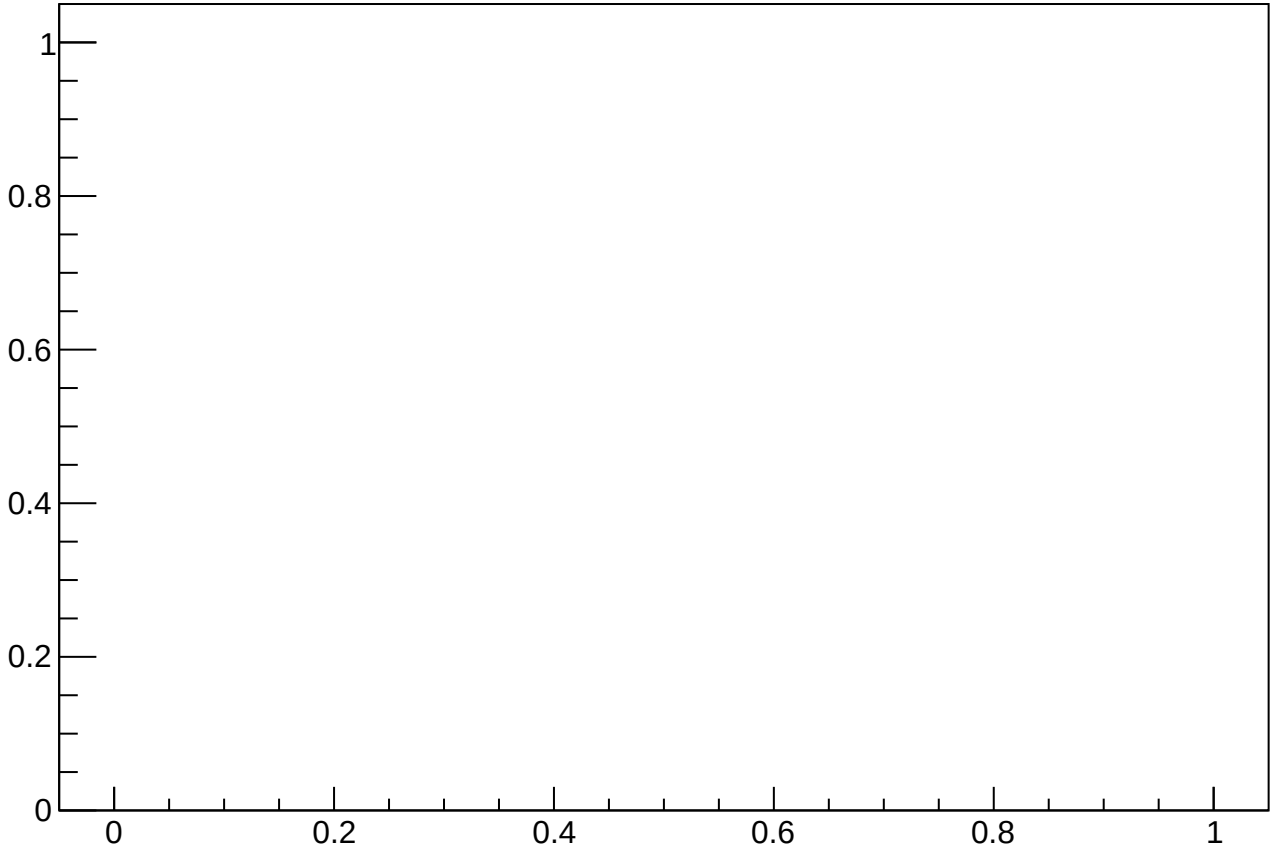
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

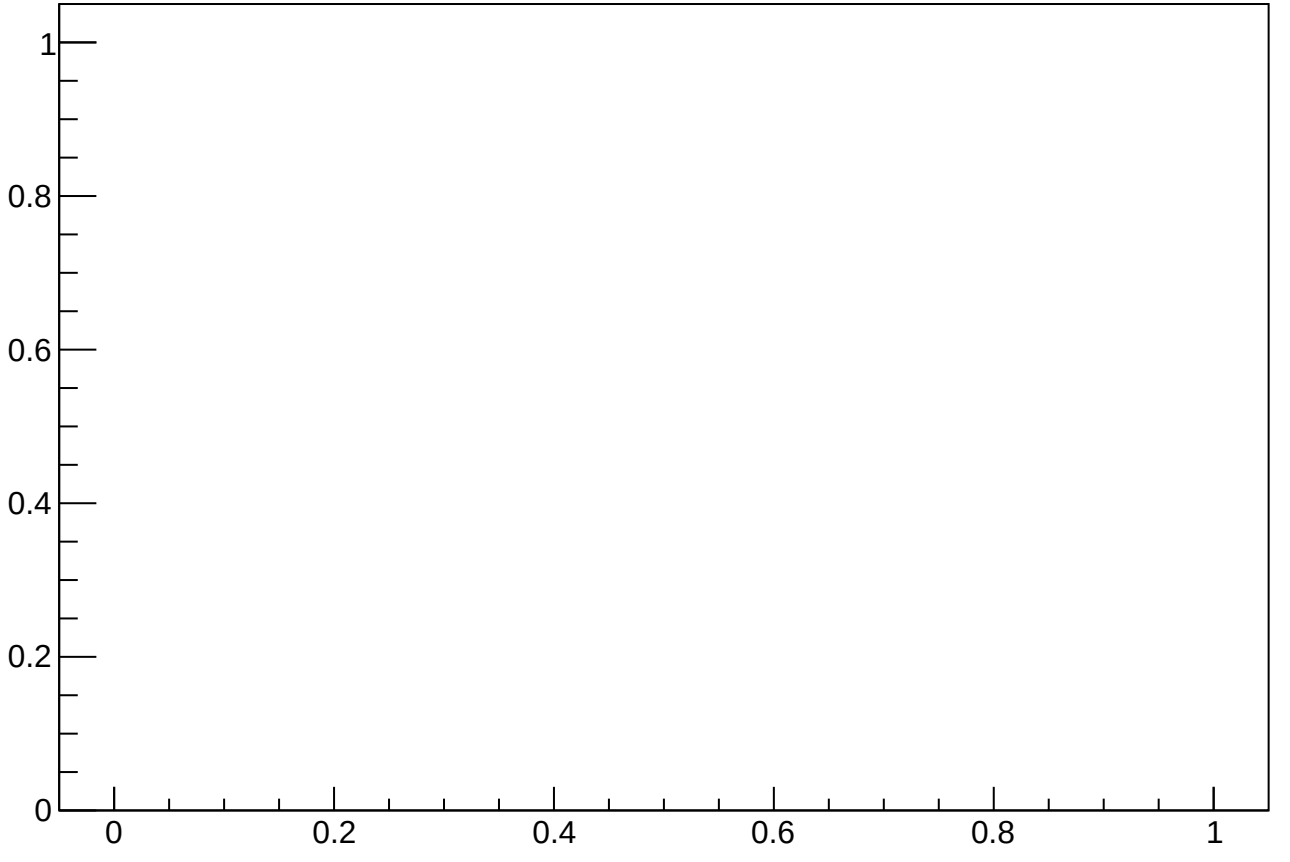
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

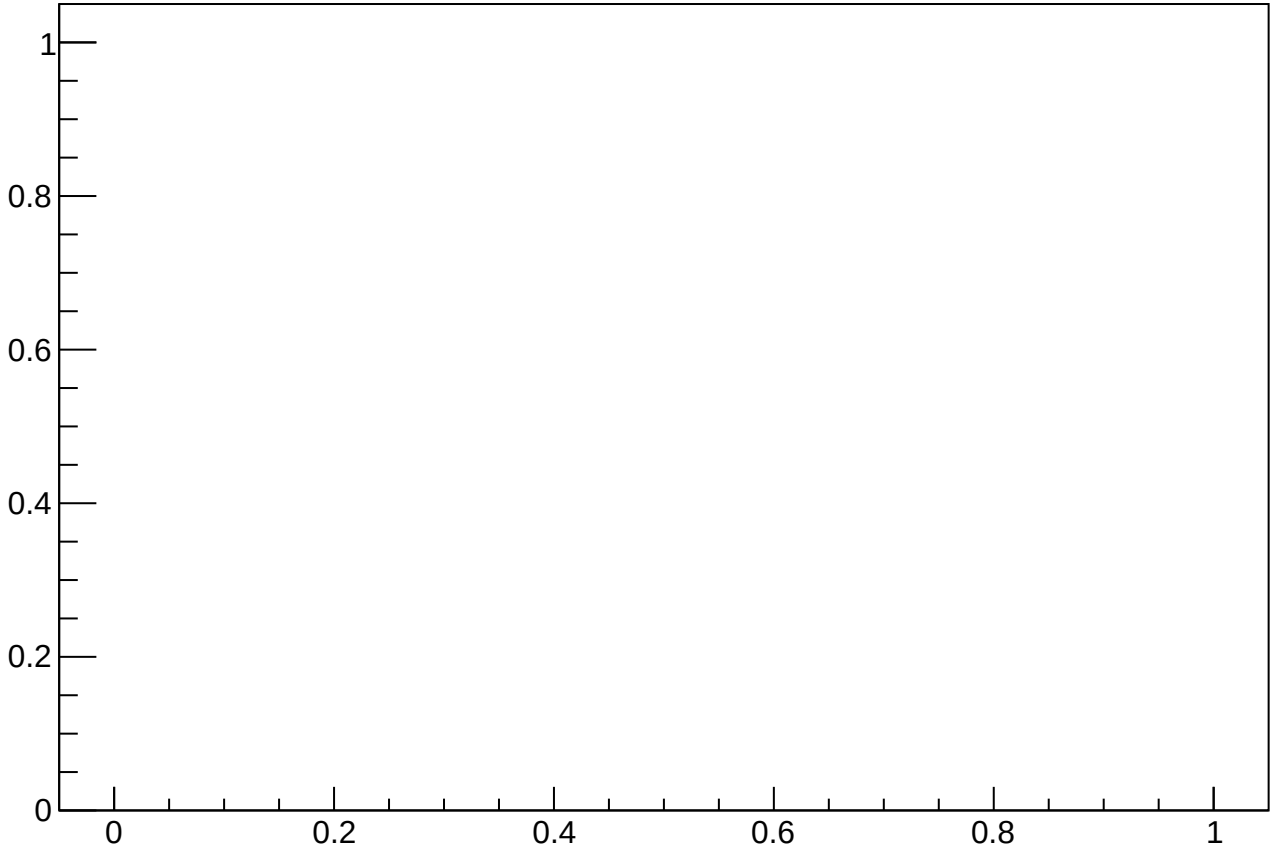
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

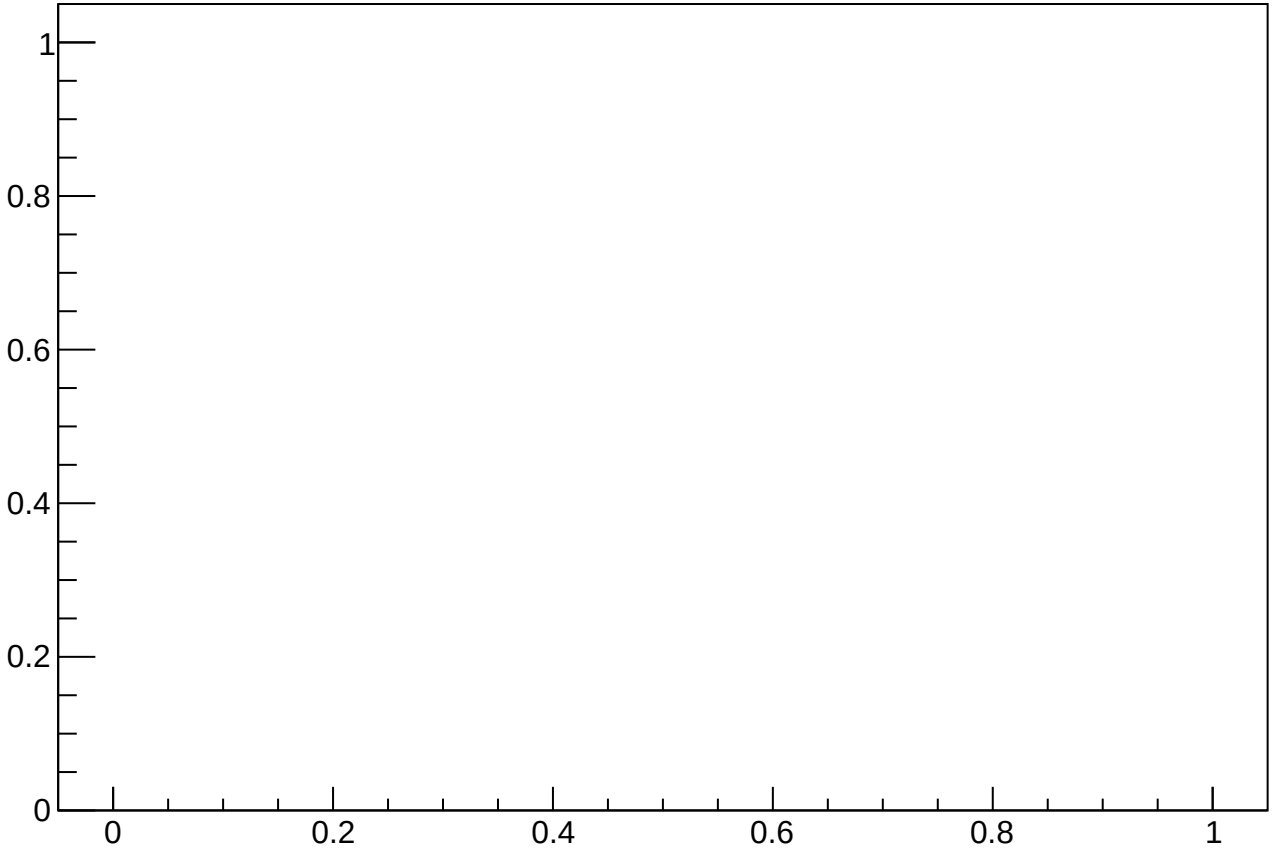
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

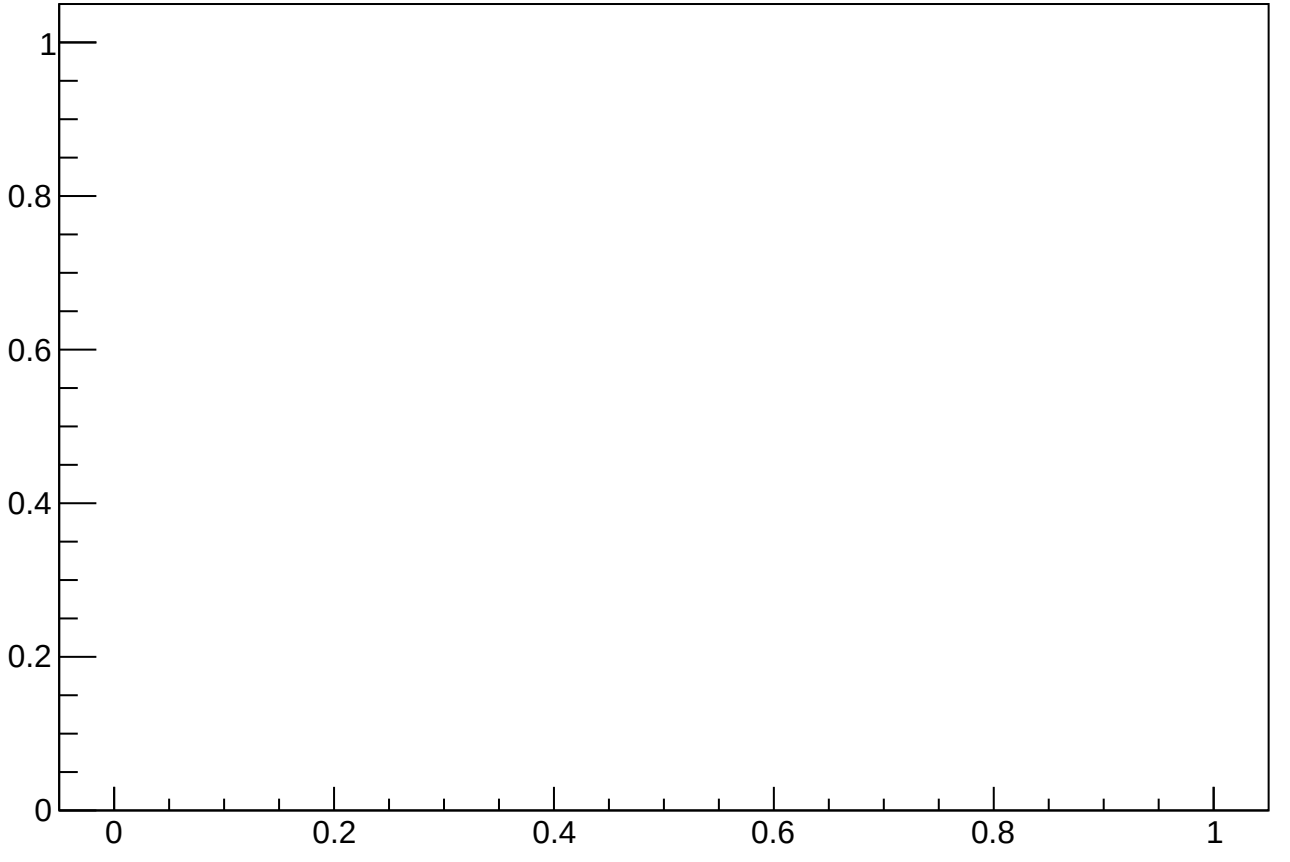
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

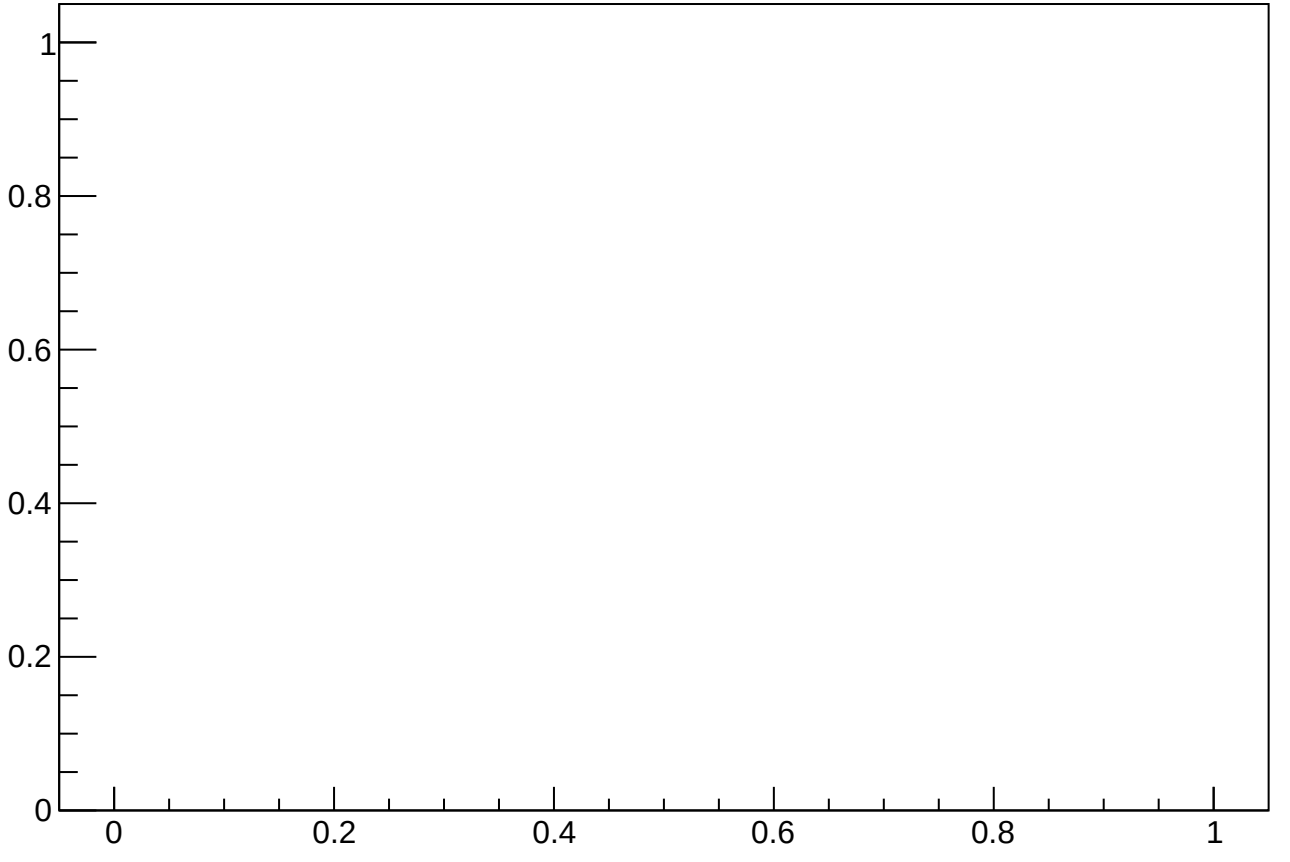
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

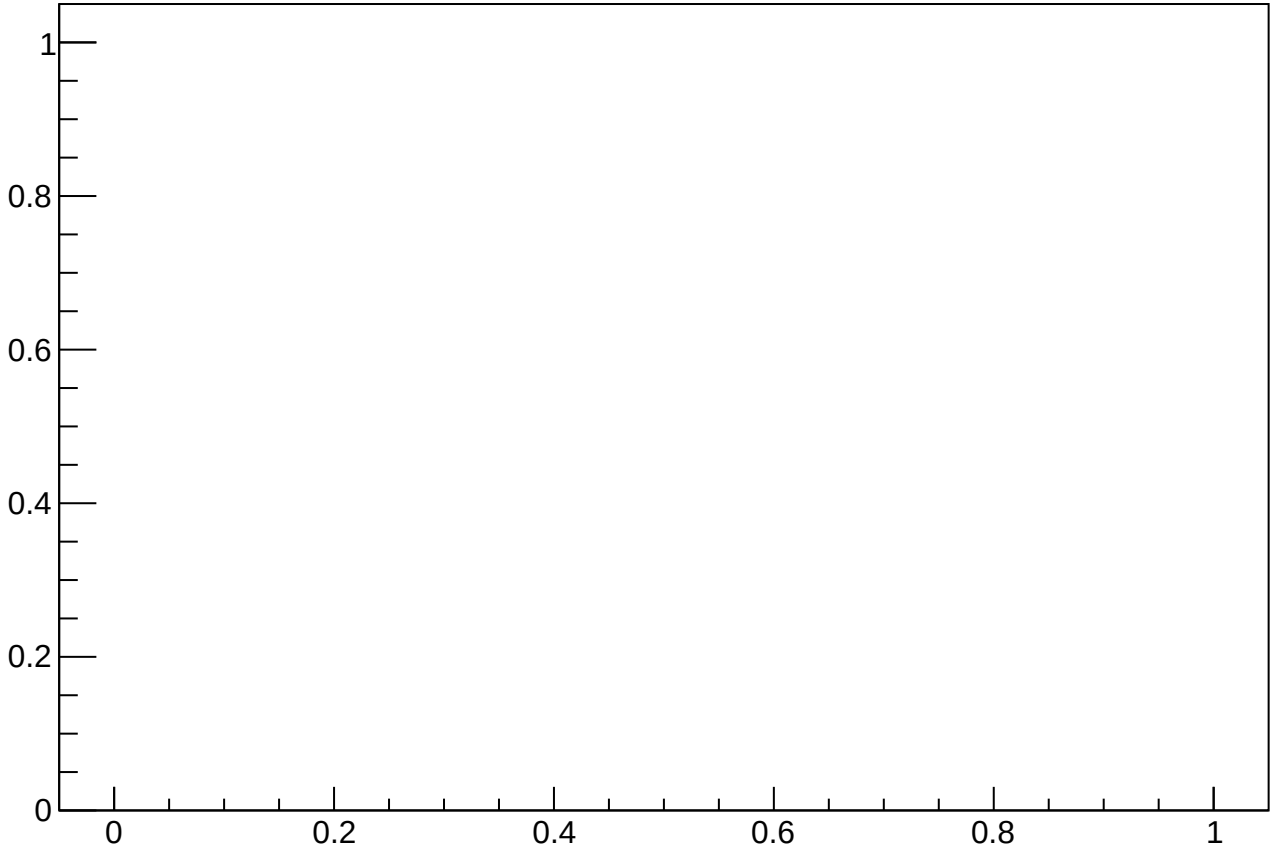
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

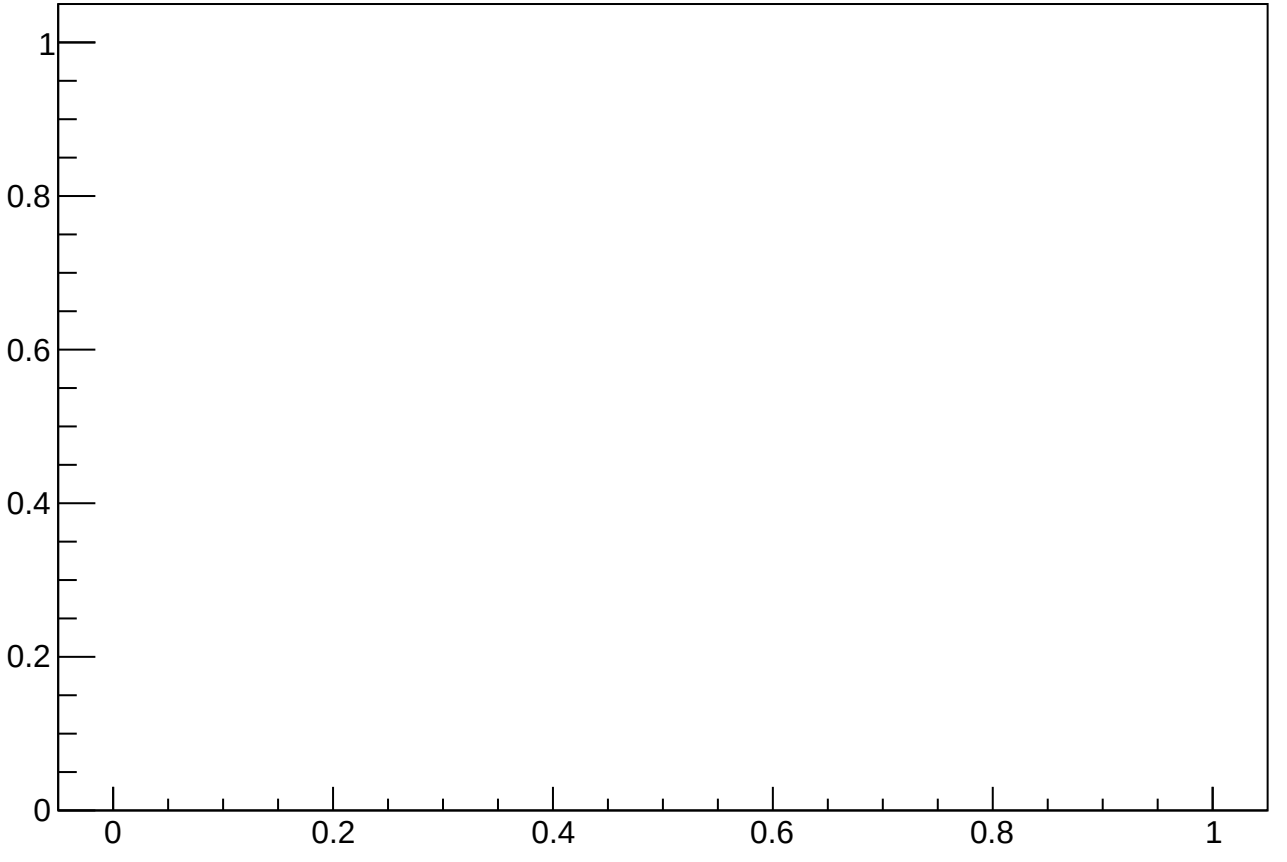
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

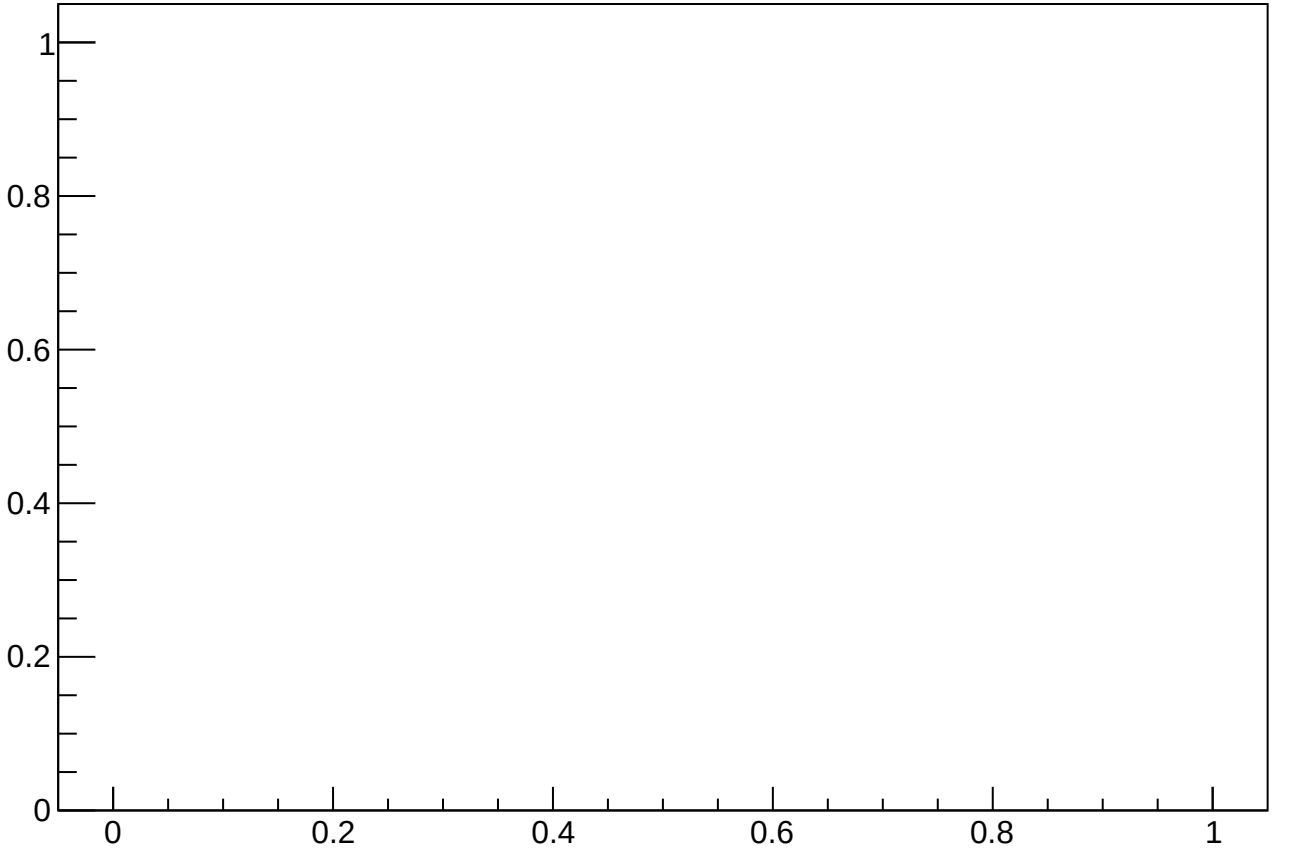
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

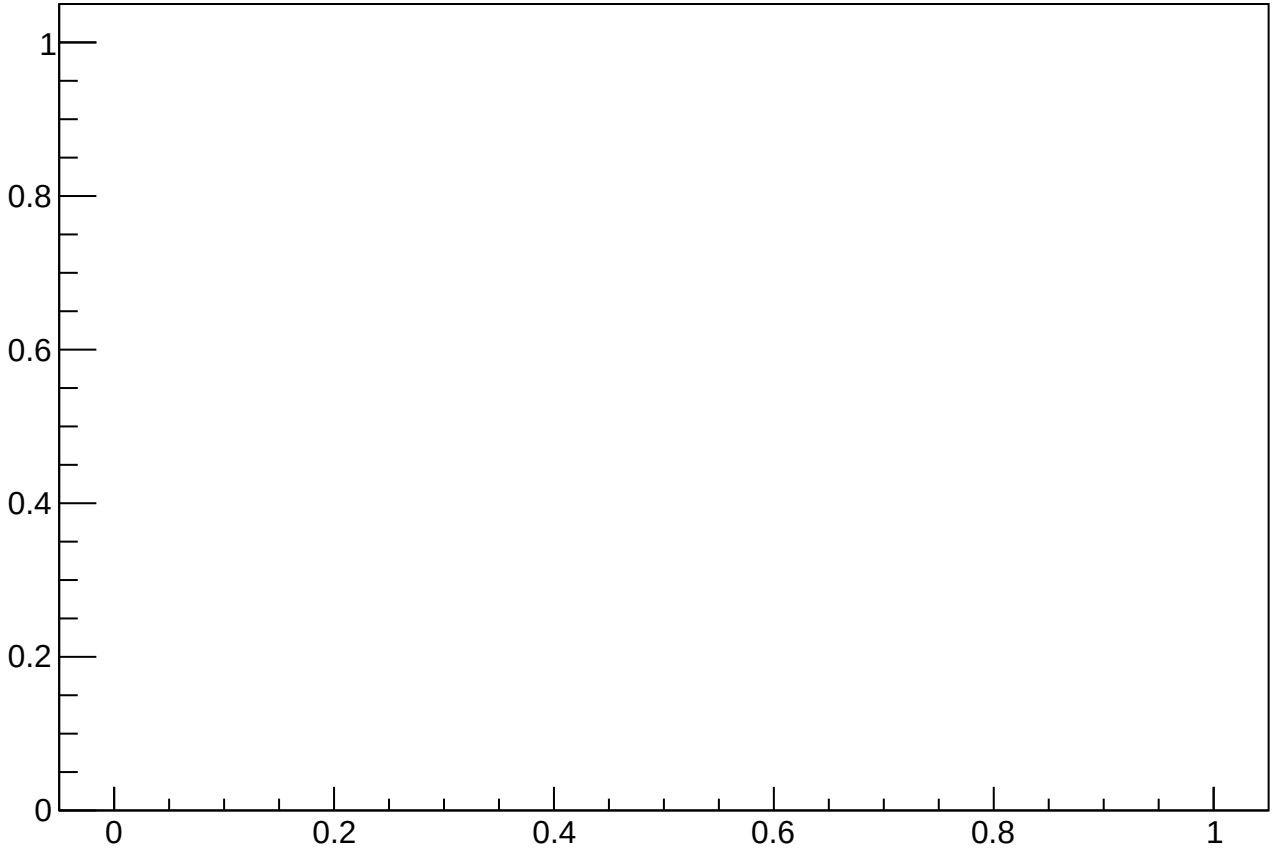
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

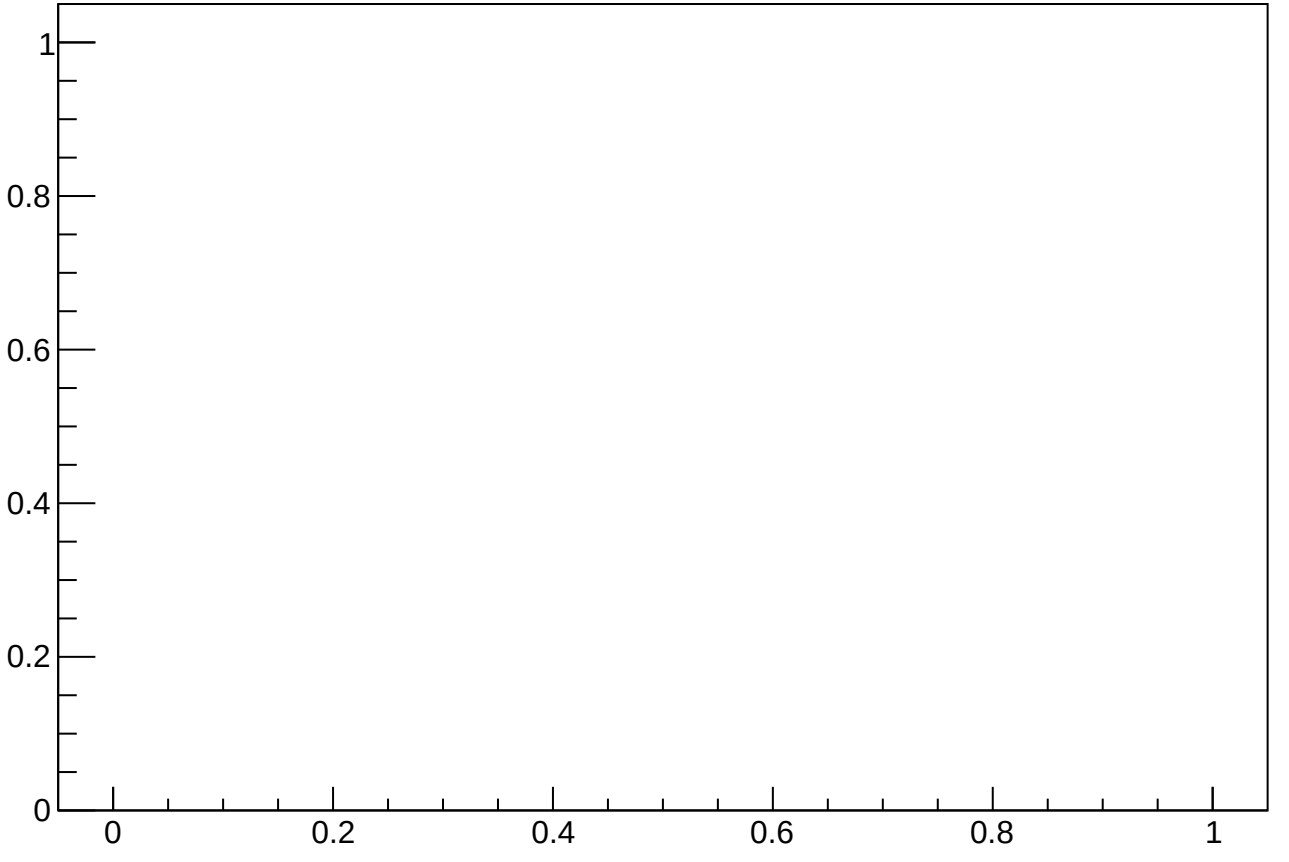
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

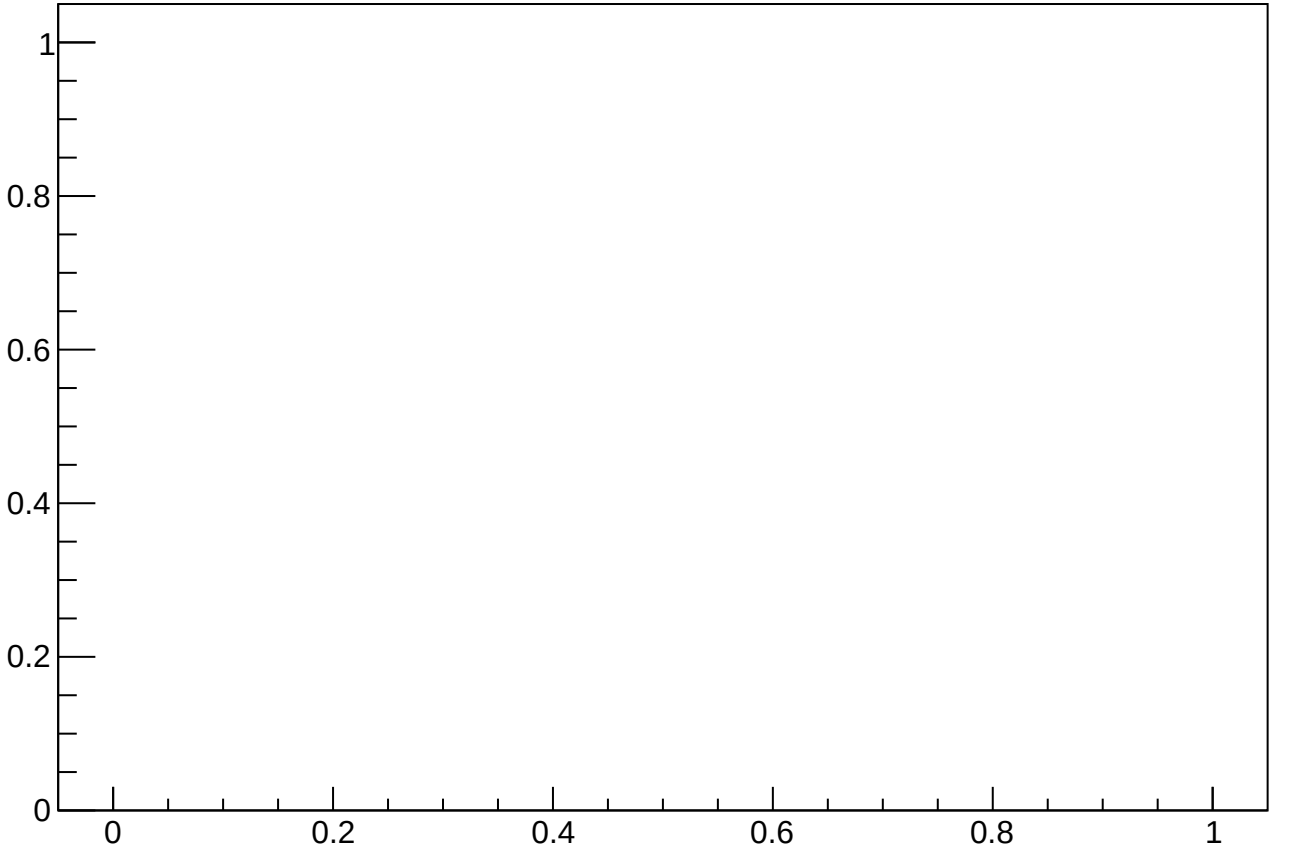
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

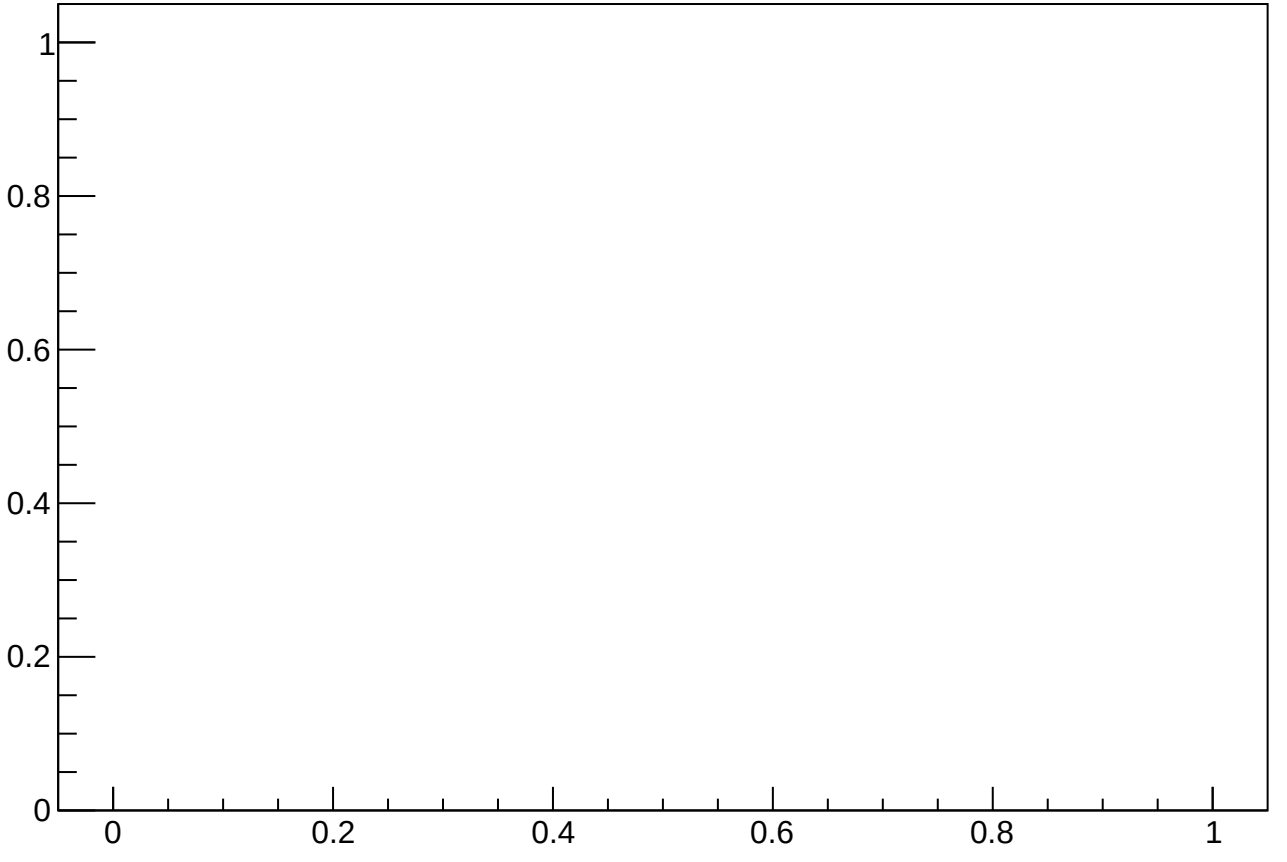
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

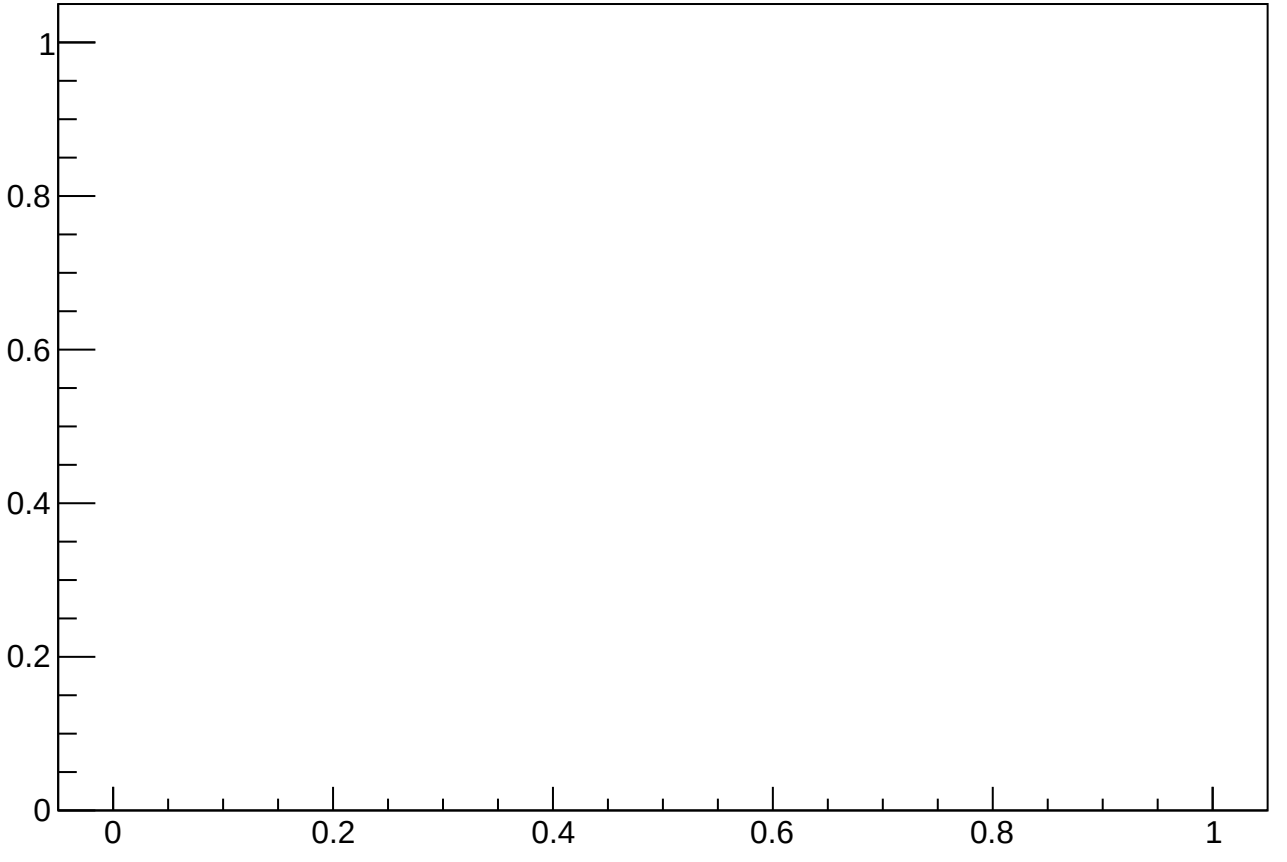
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

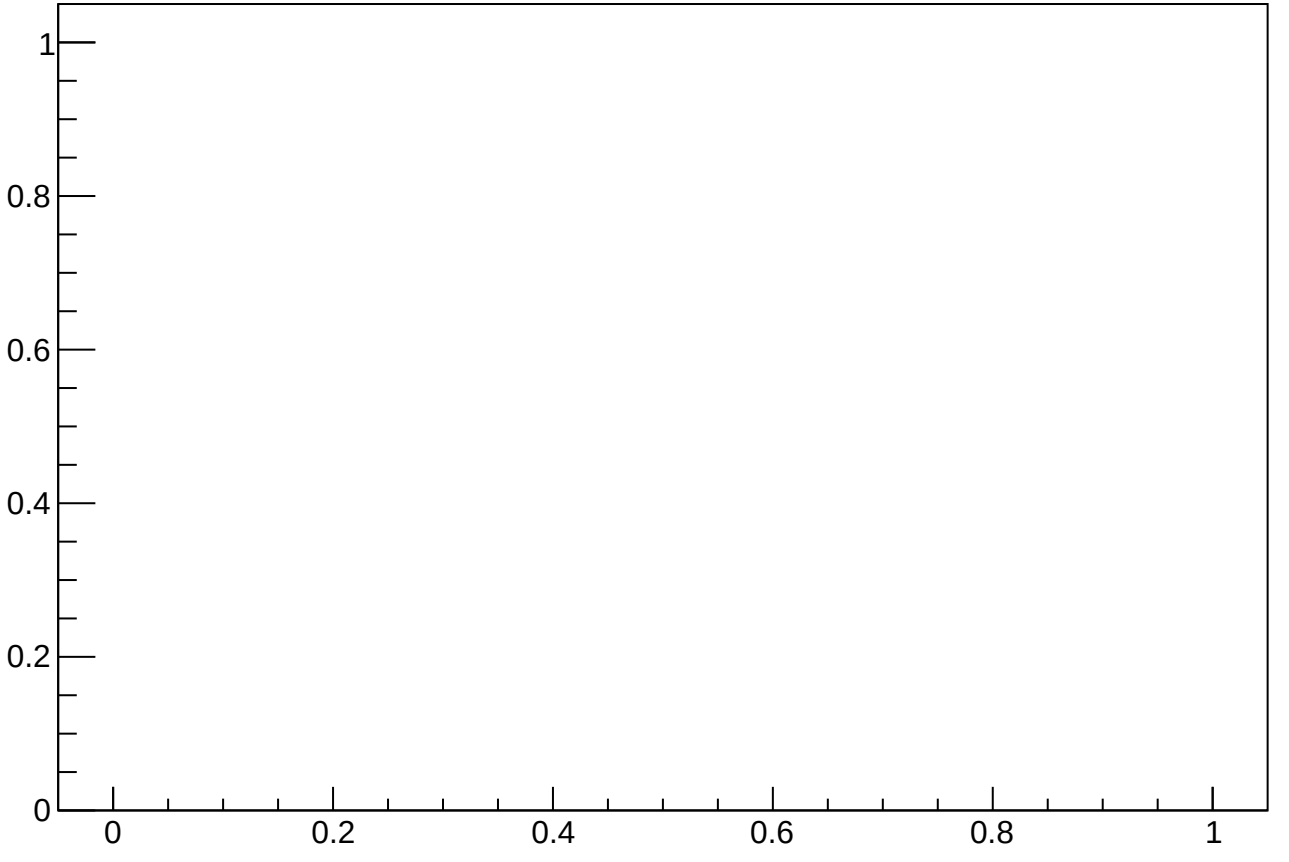
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

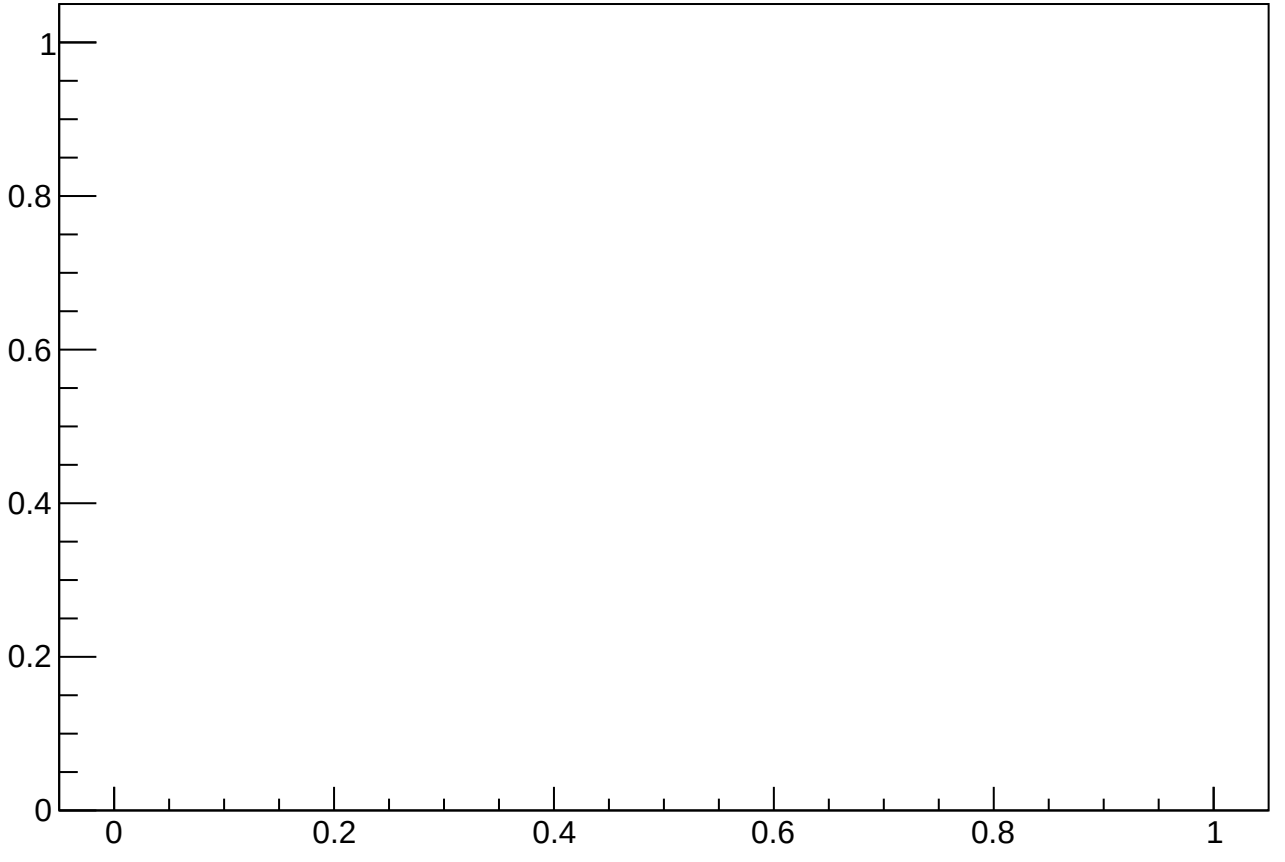
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

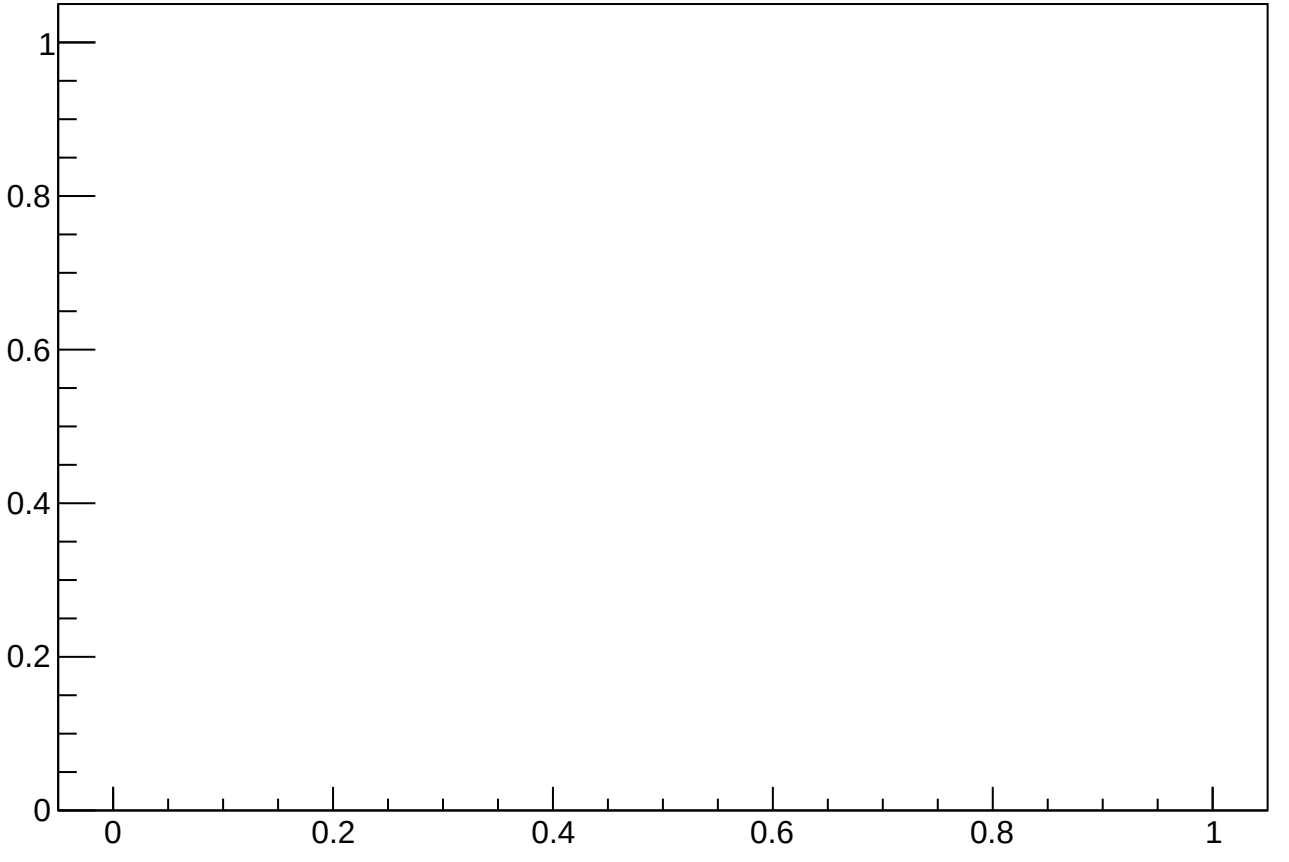
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

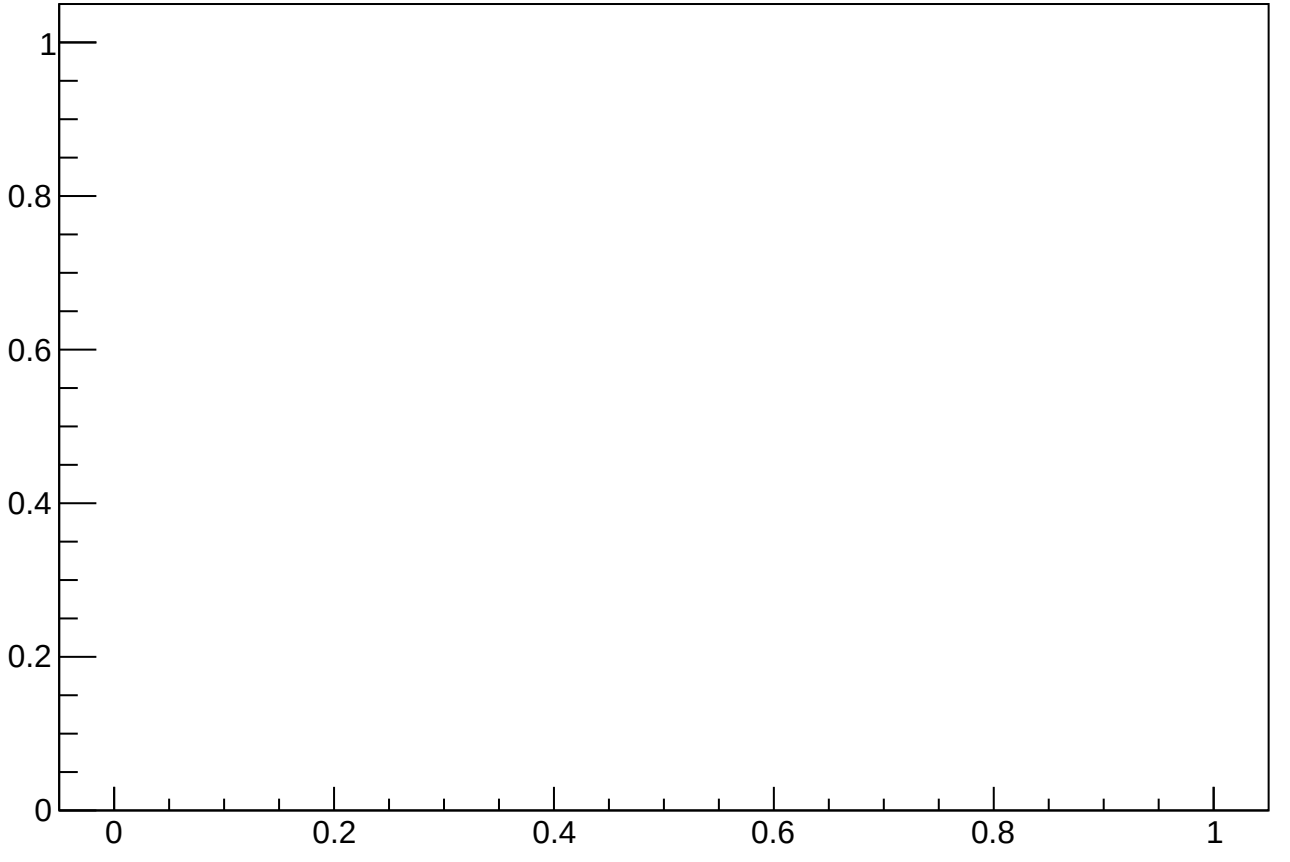
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

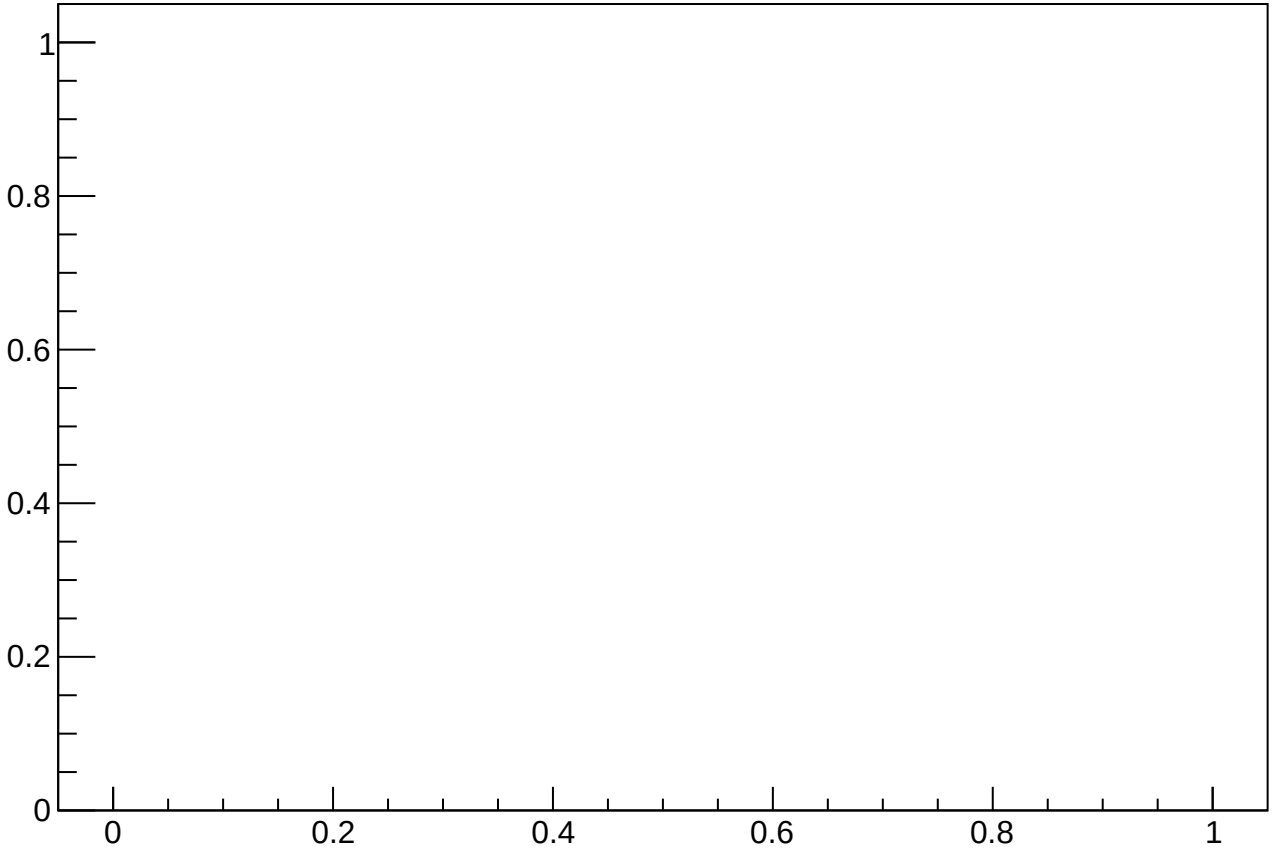
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

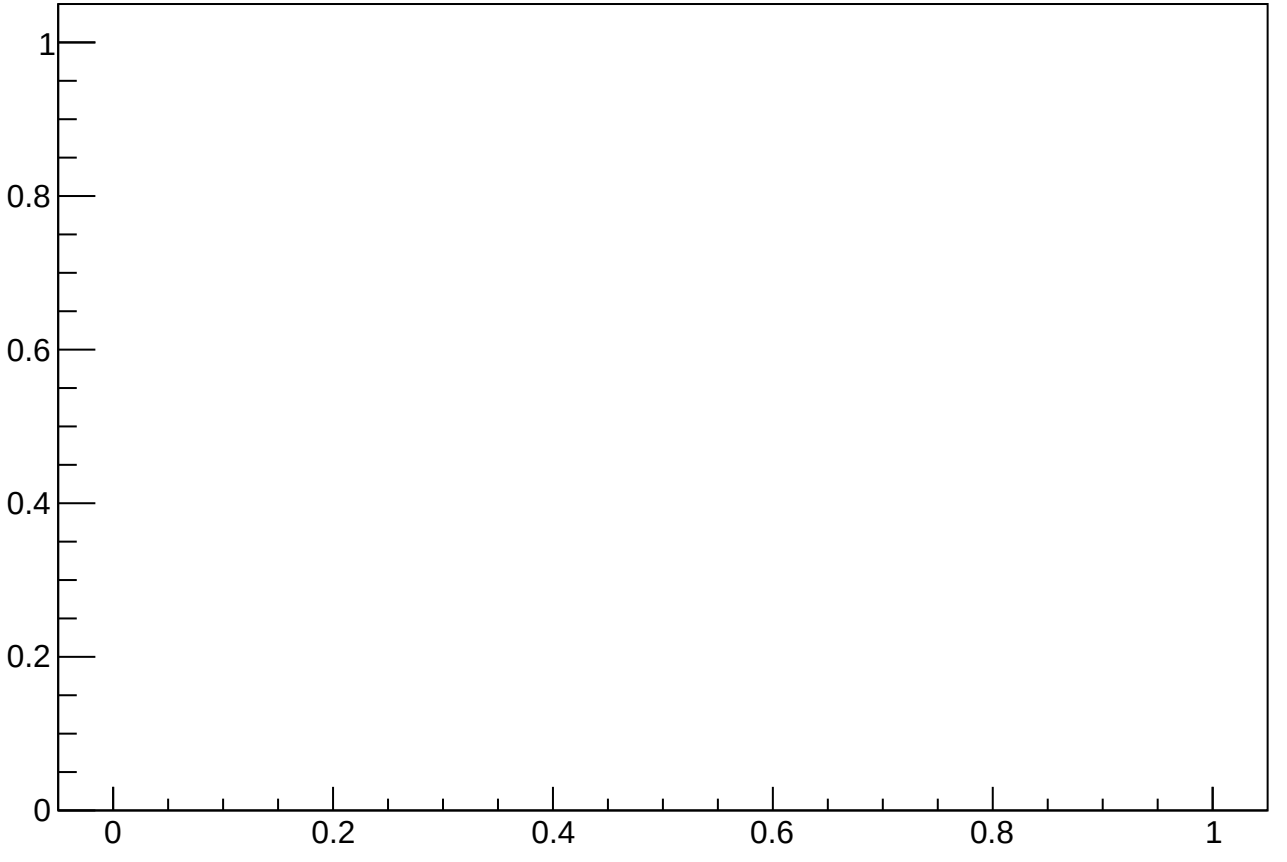
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil7_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

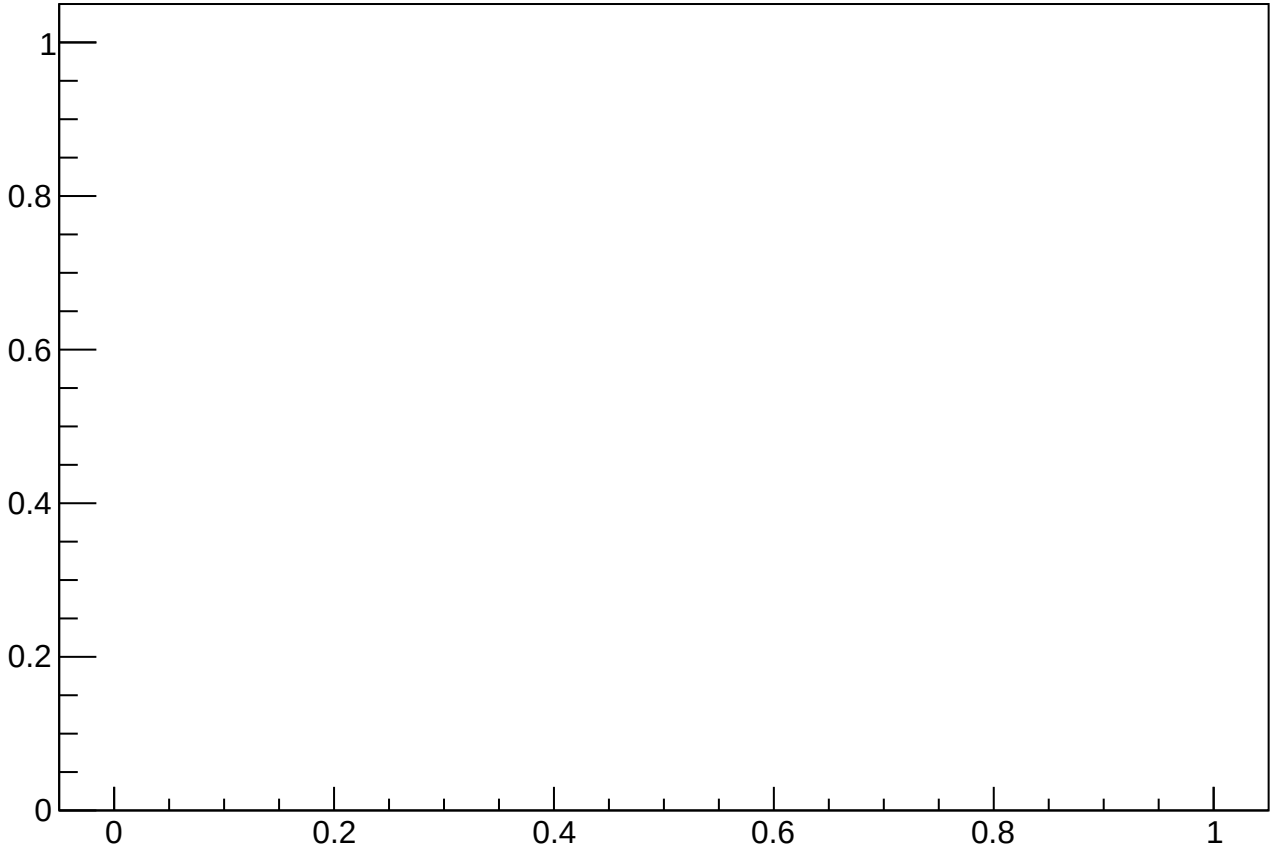
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil7_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

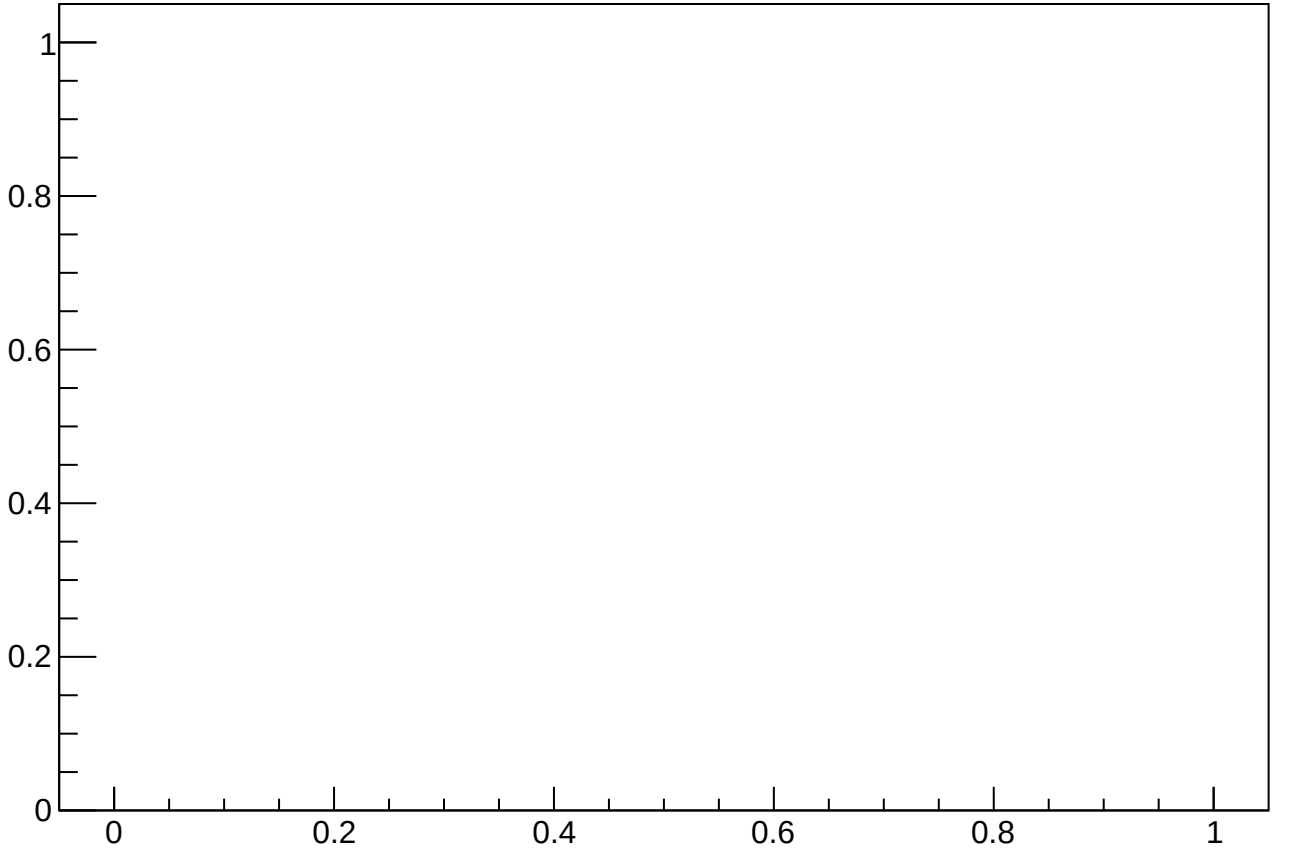
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil7_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

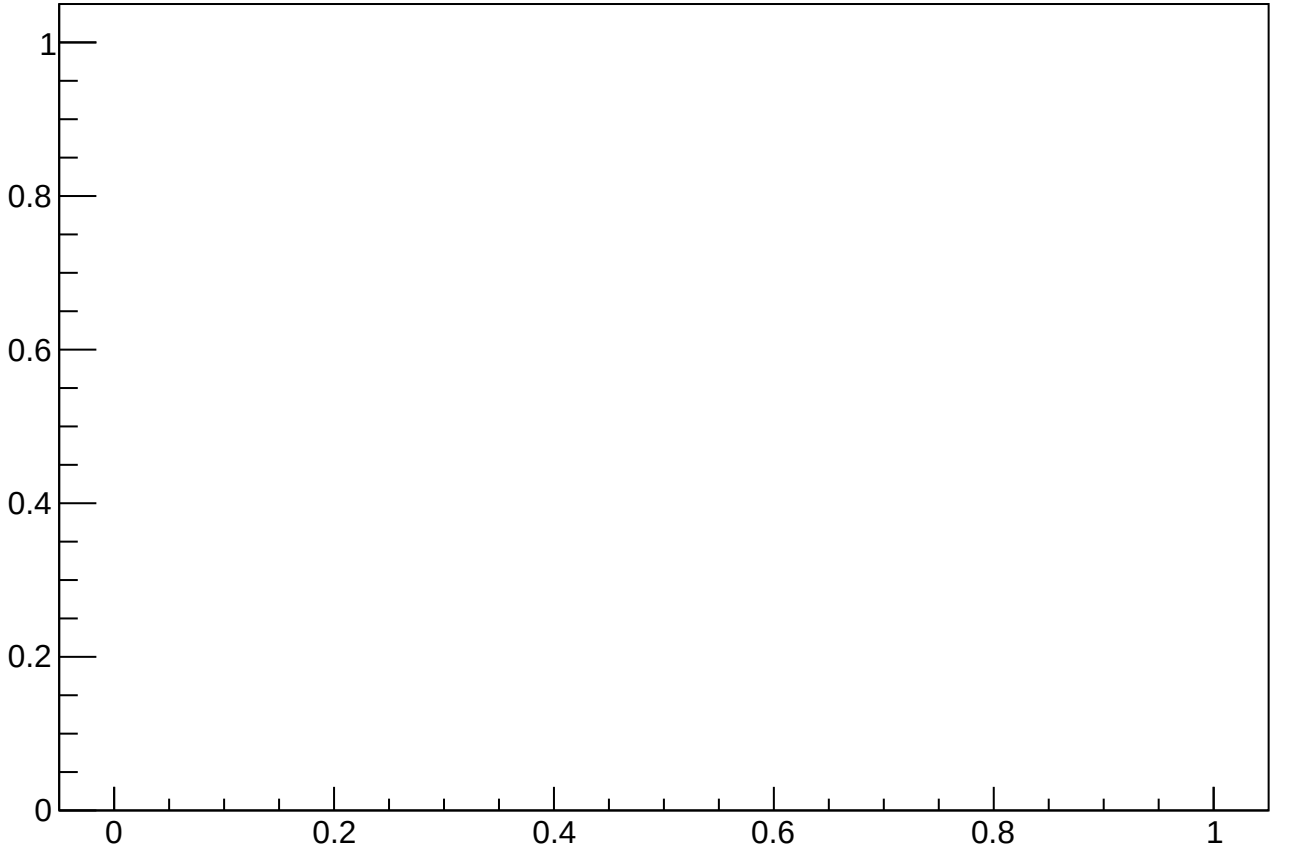
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

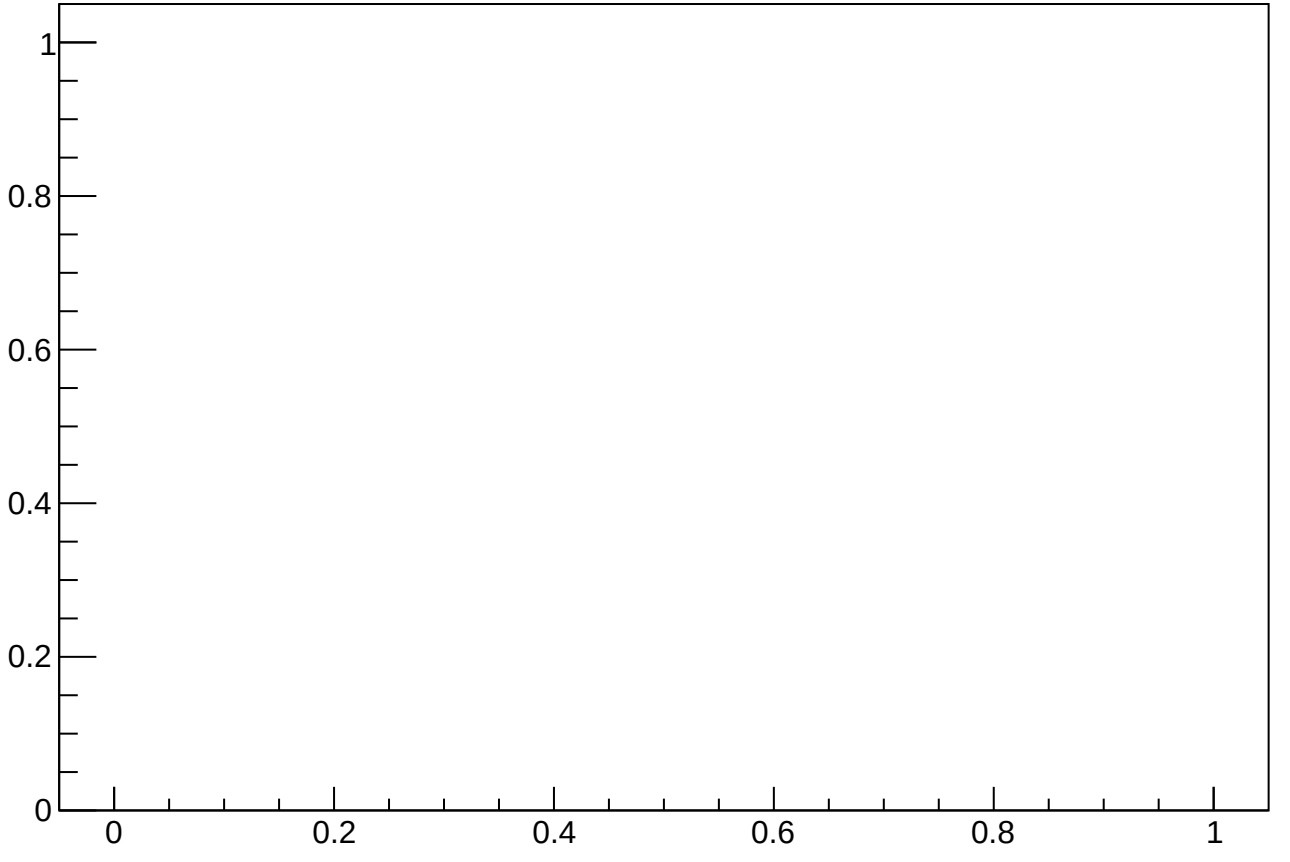
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

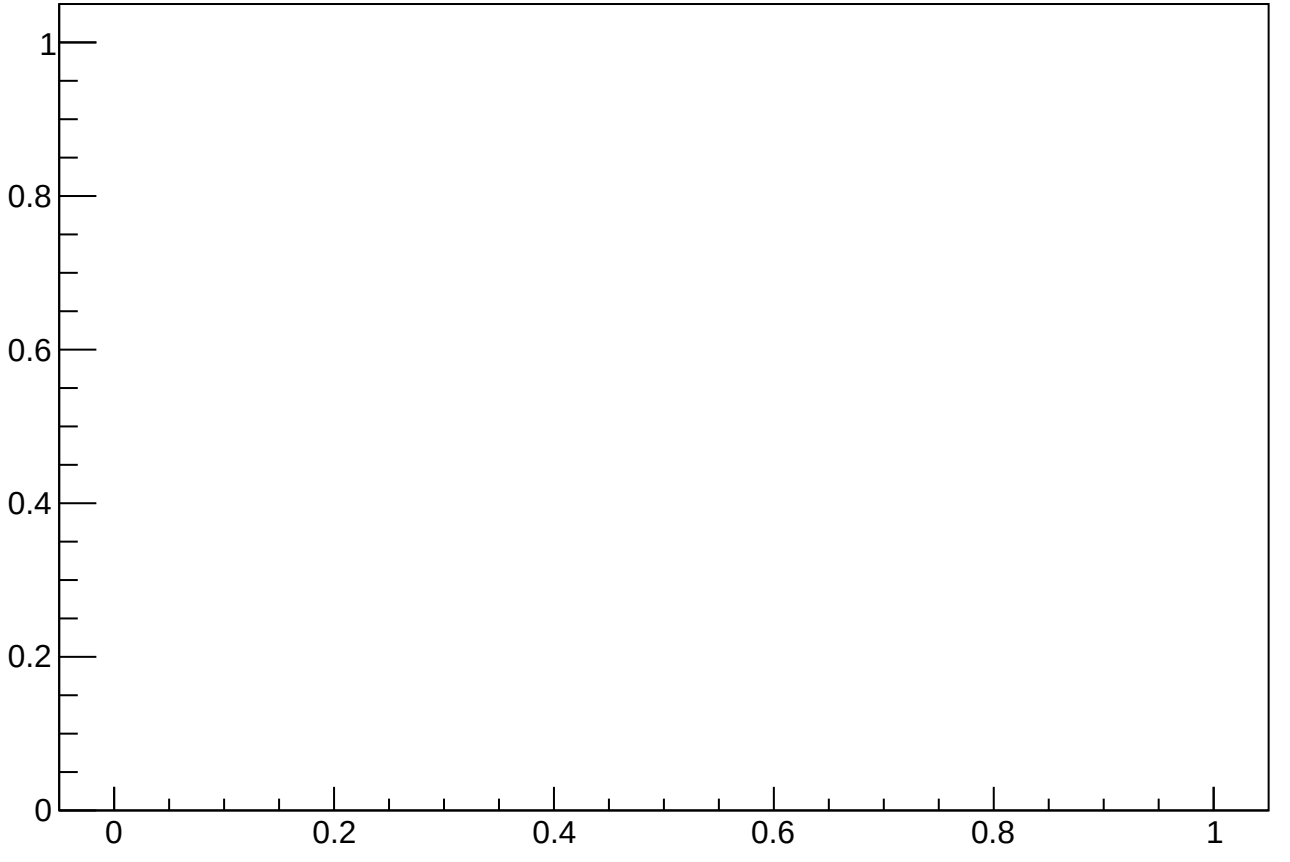
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

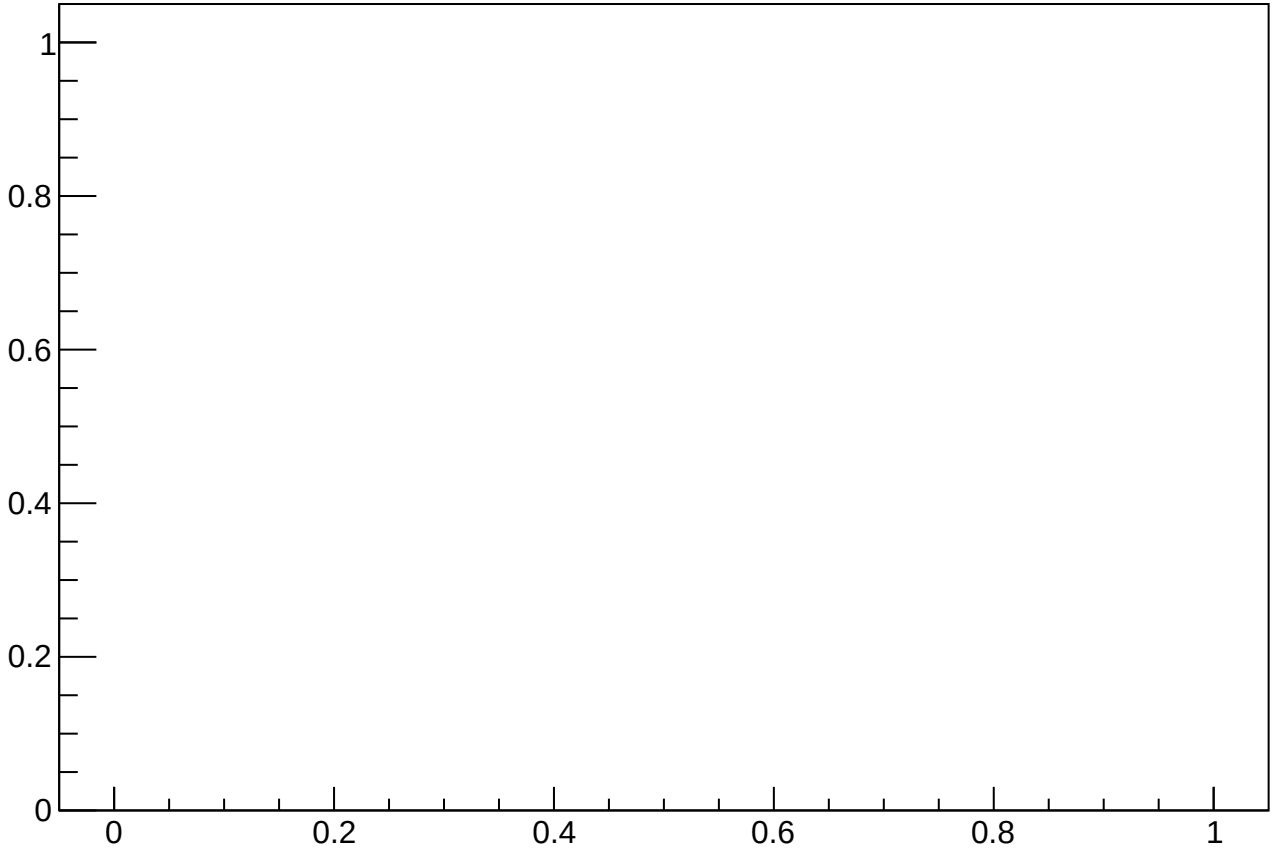
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

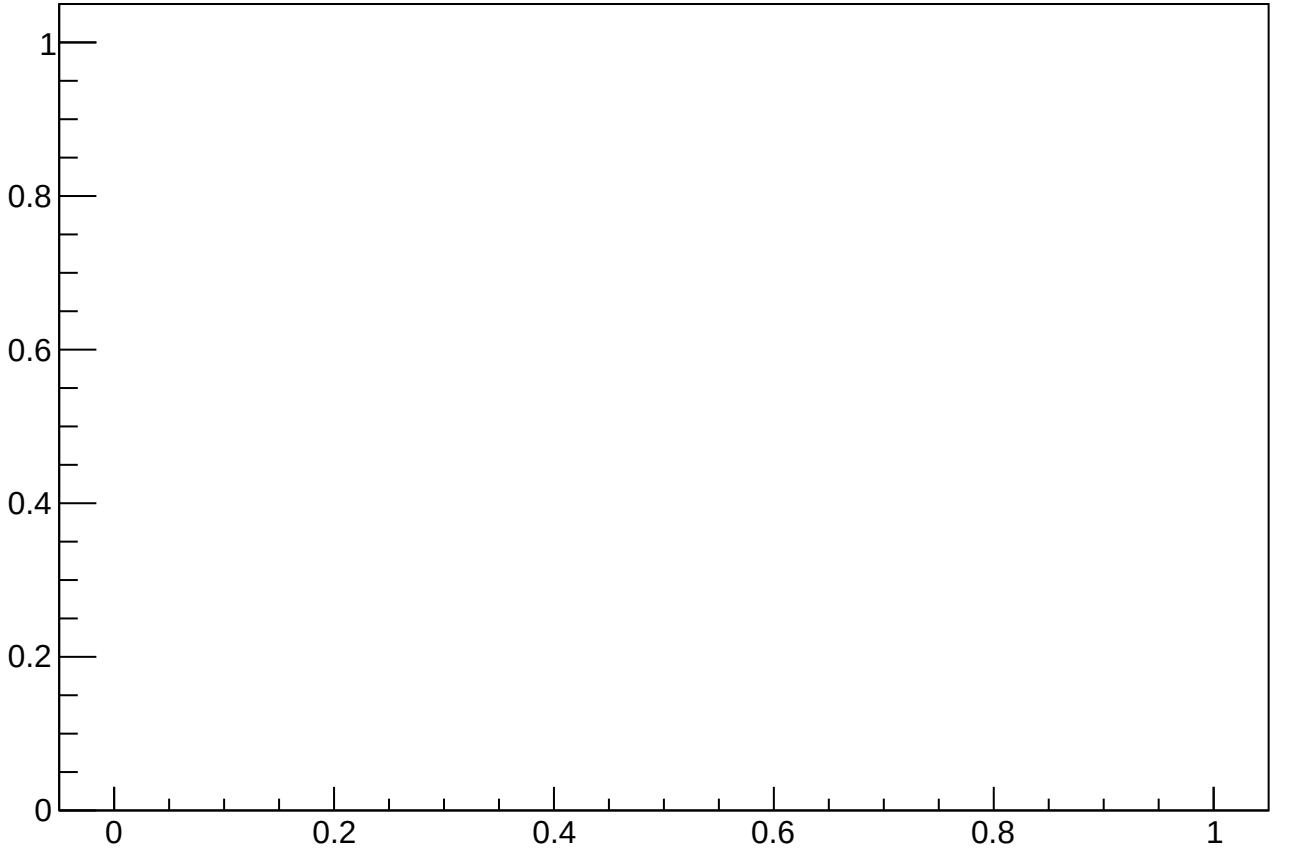
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

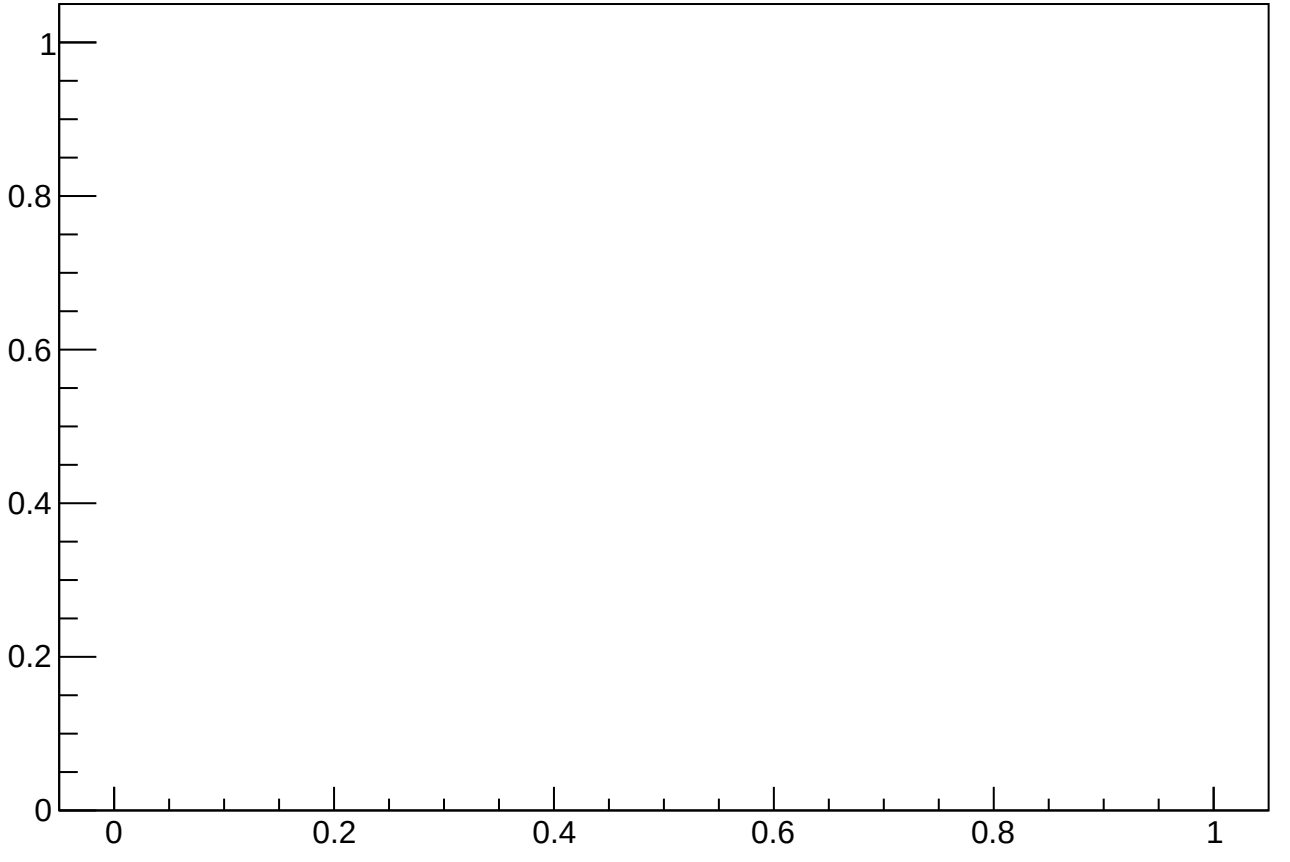
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

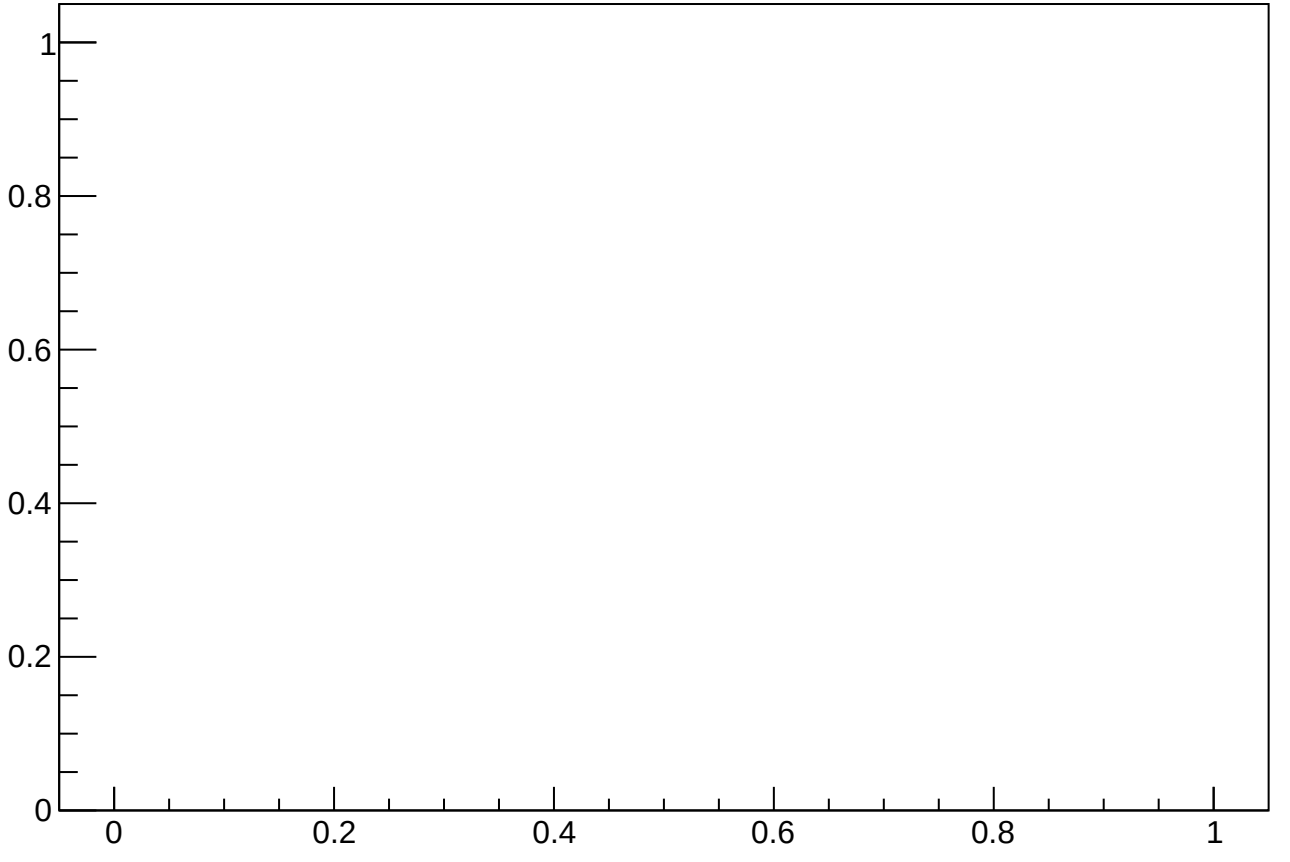
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

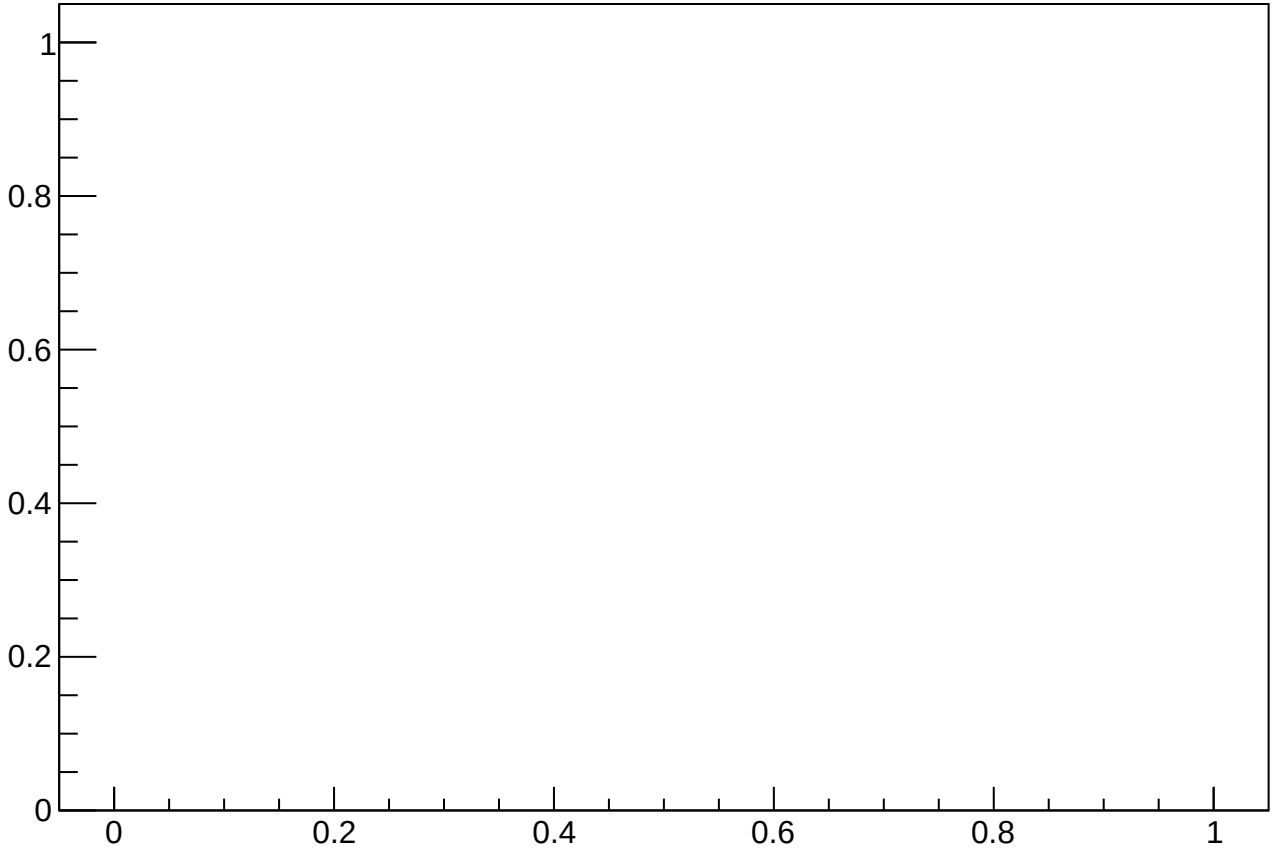
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

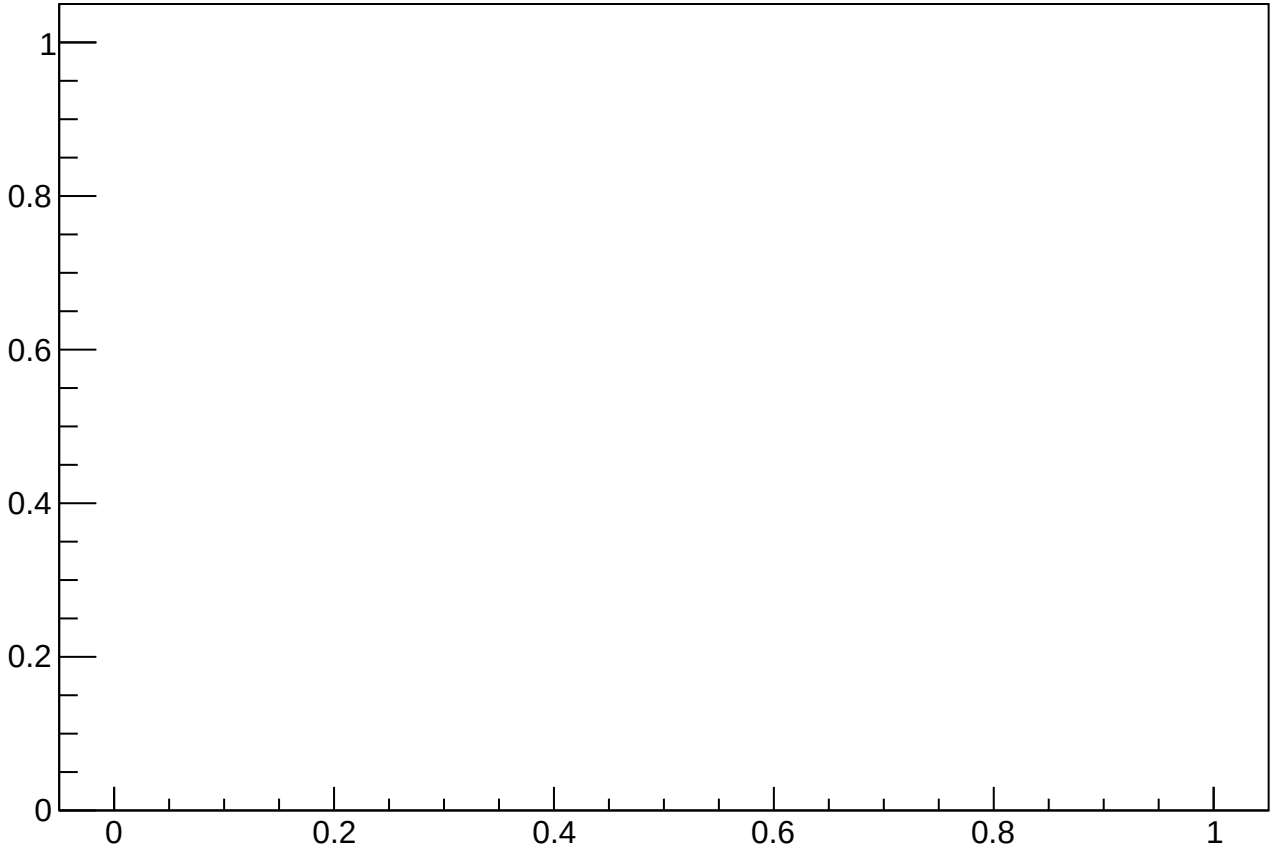
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

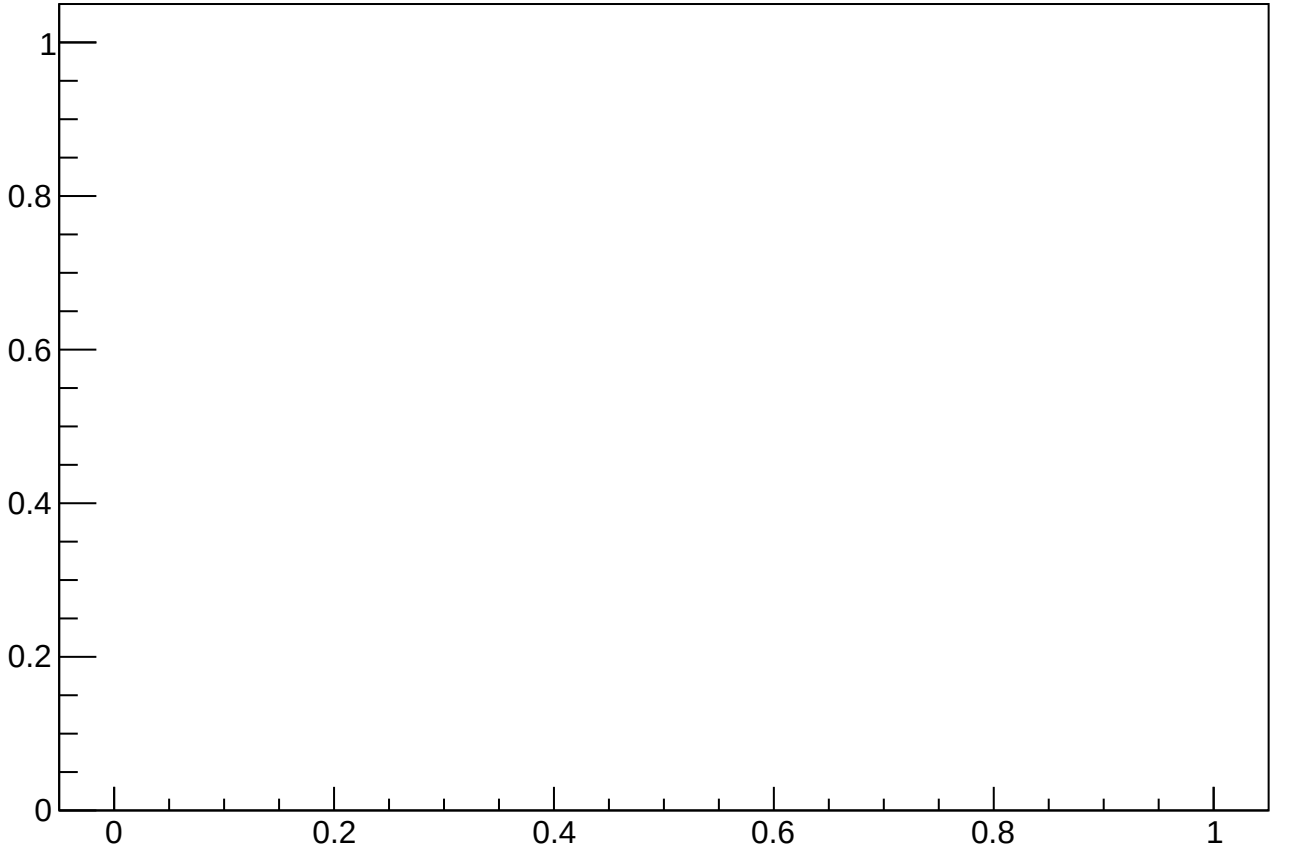
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

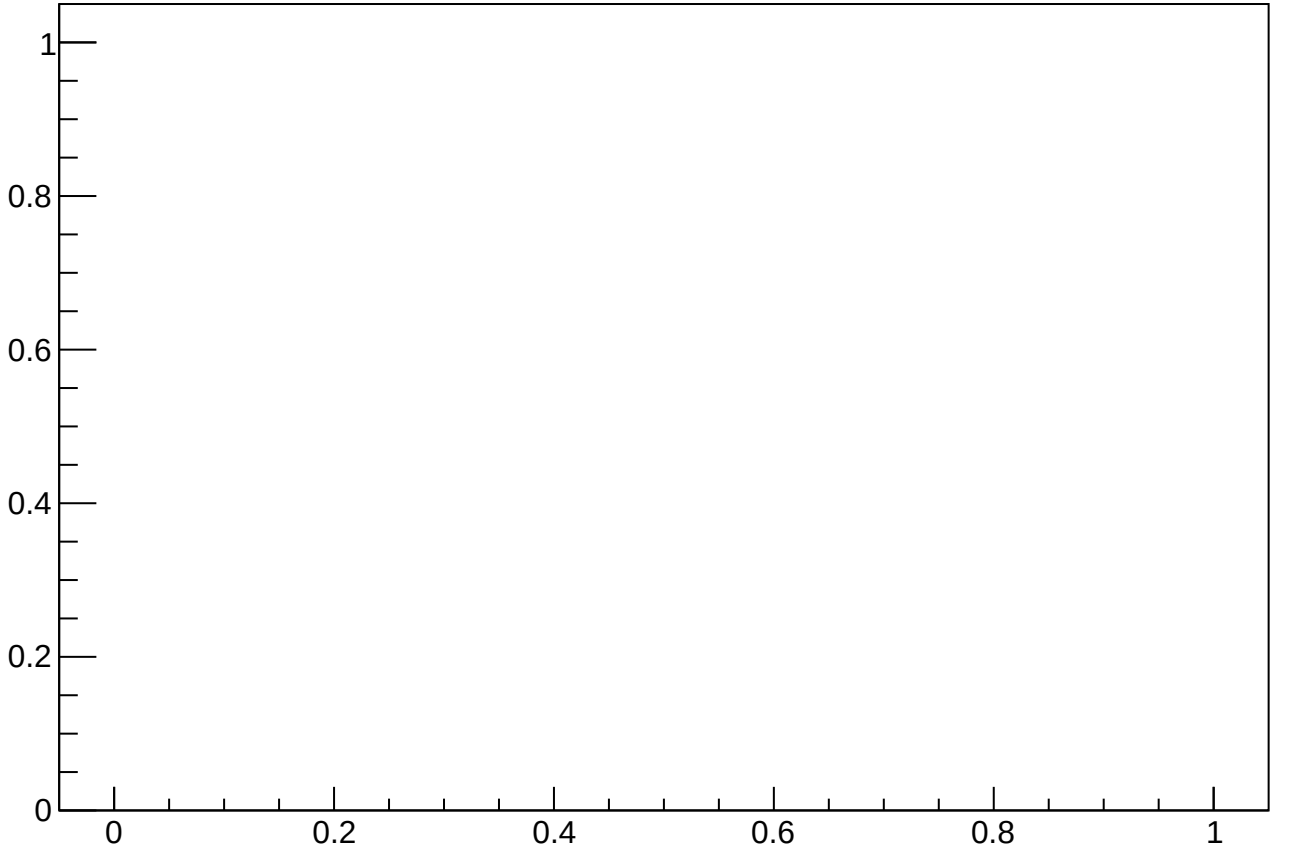
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

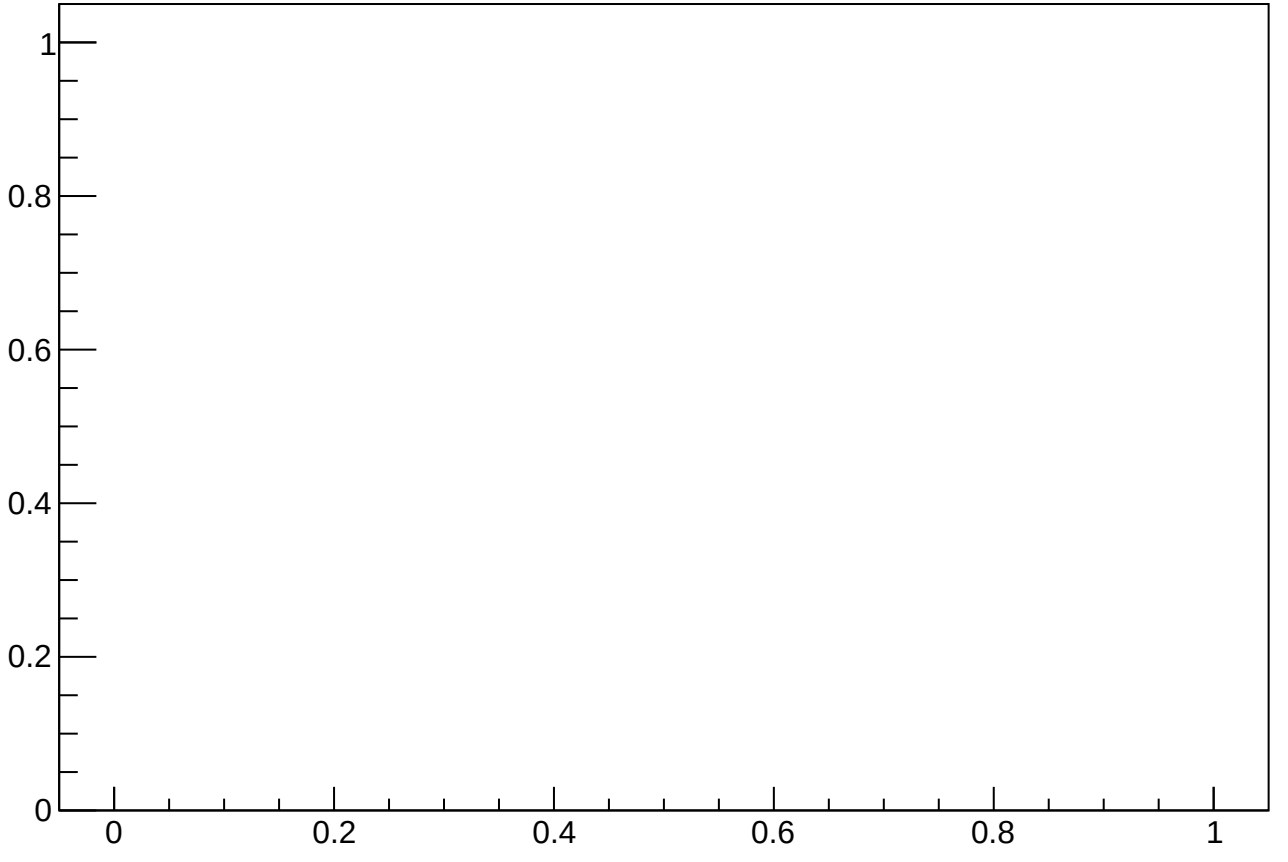
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

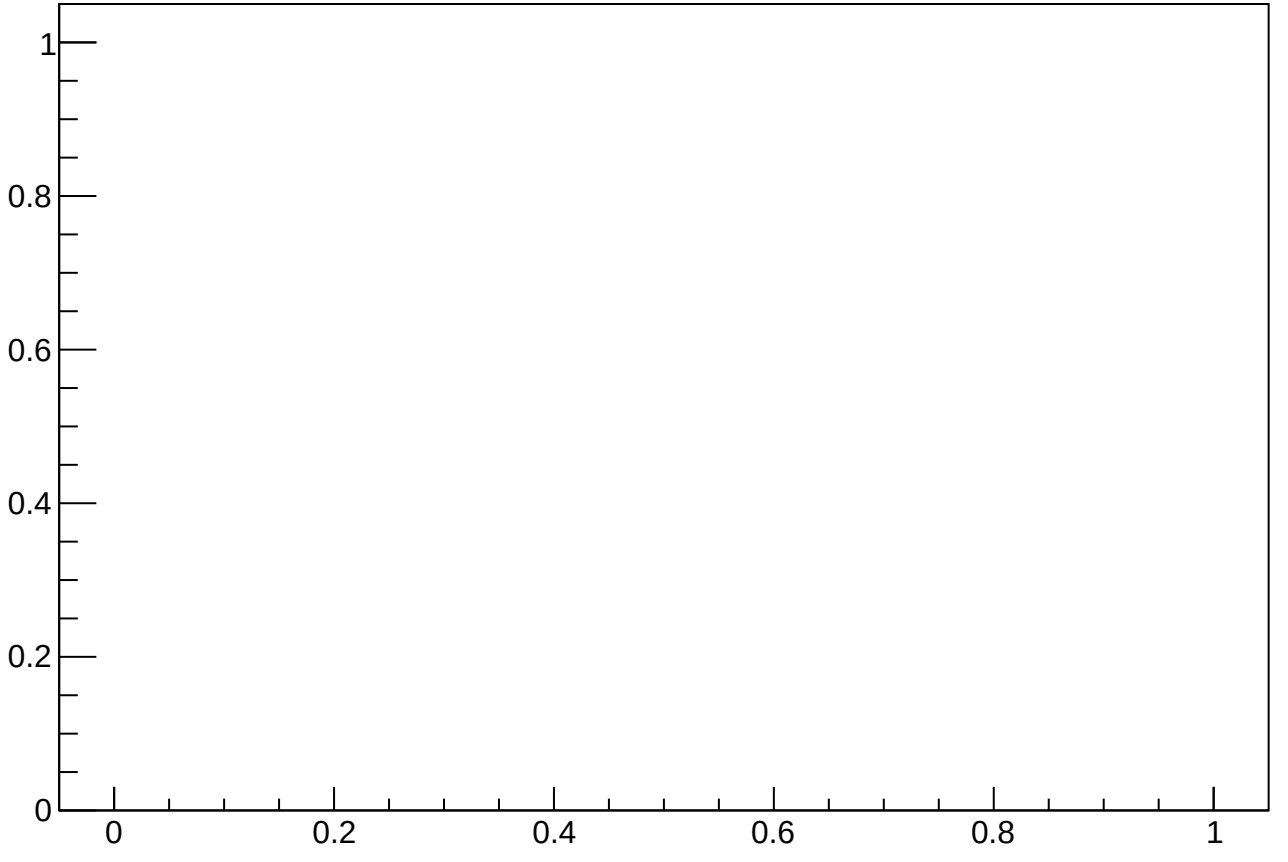
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

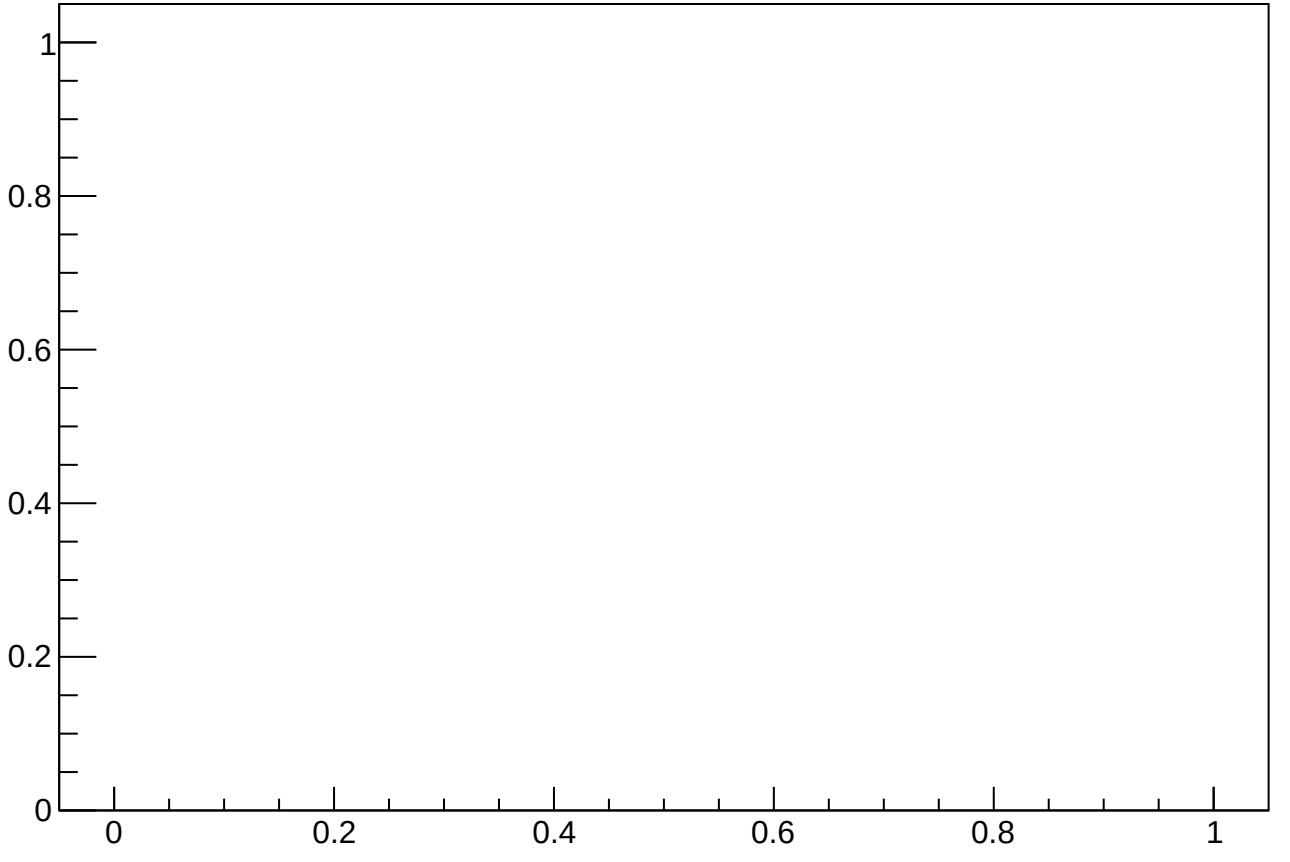
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

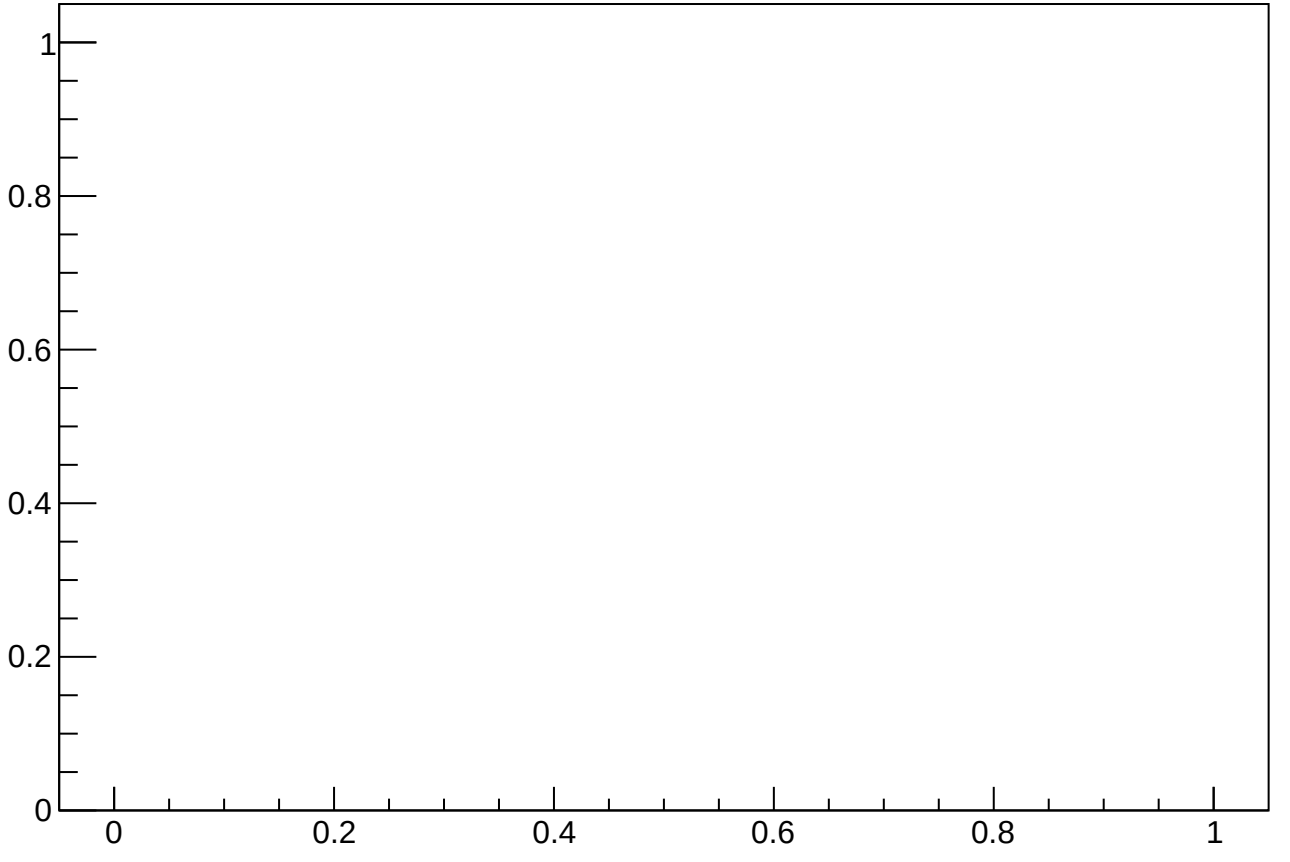
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

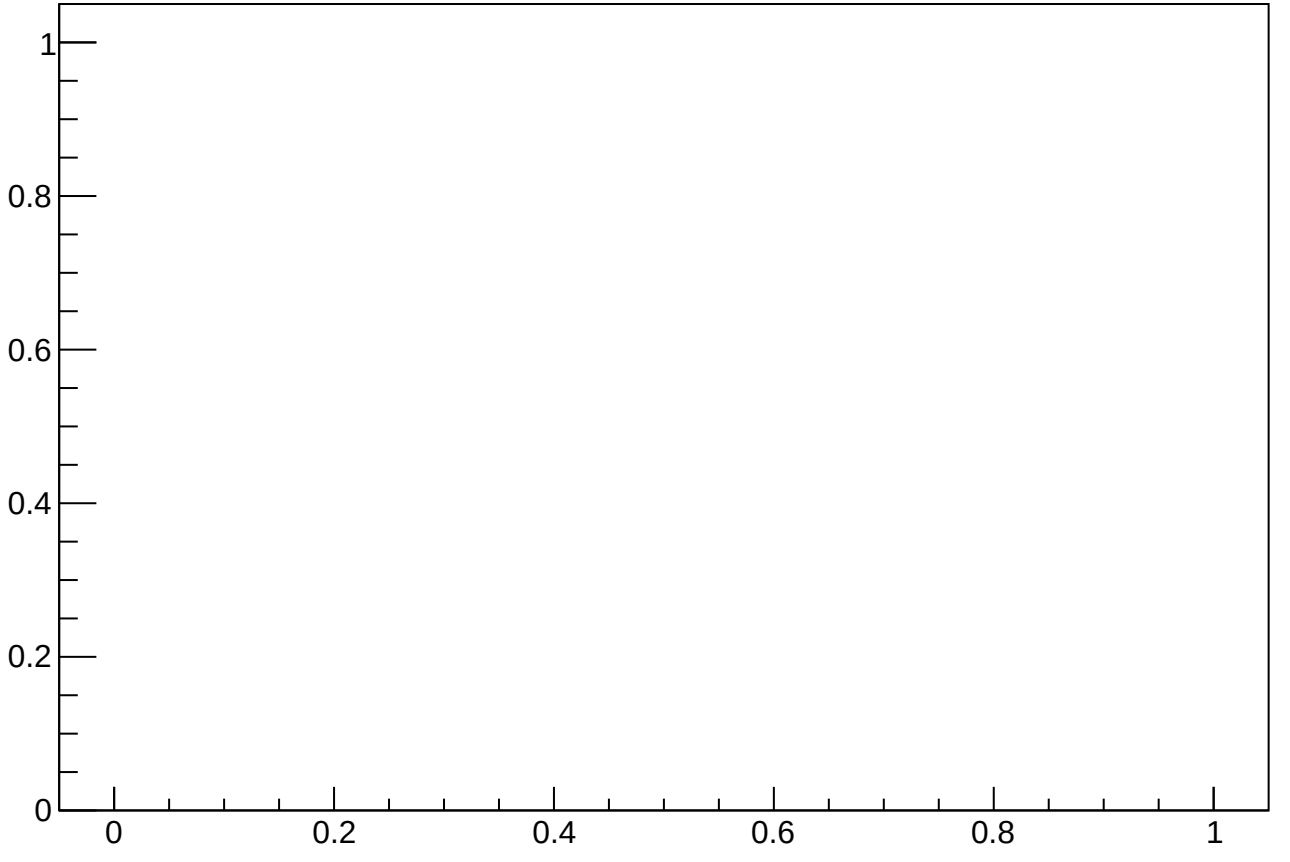
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

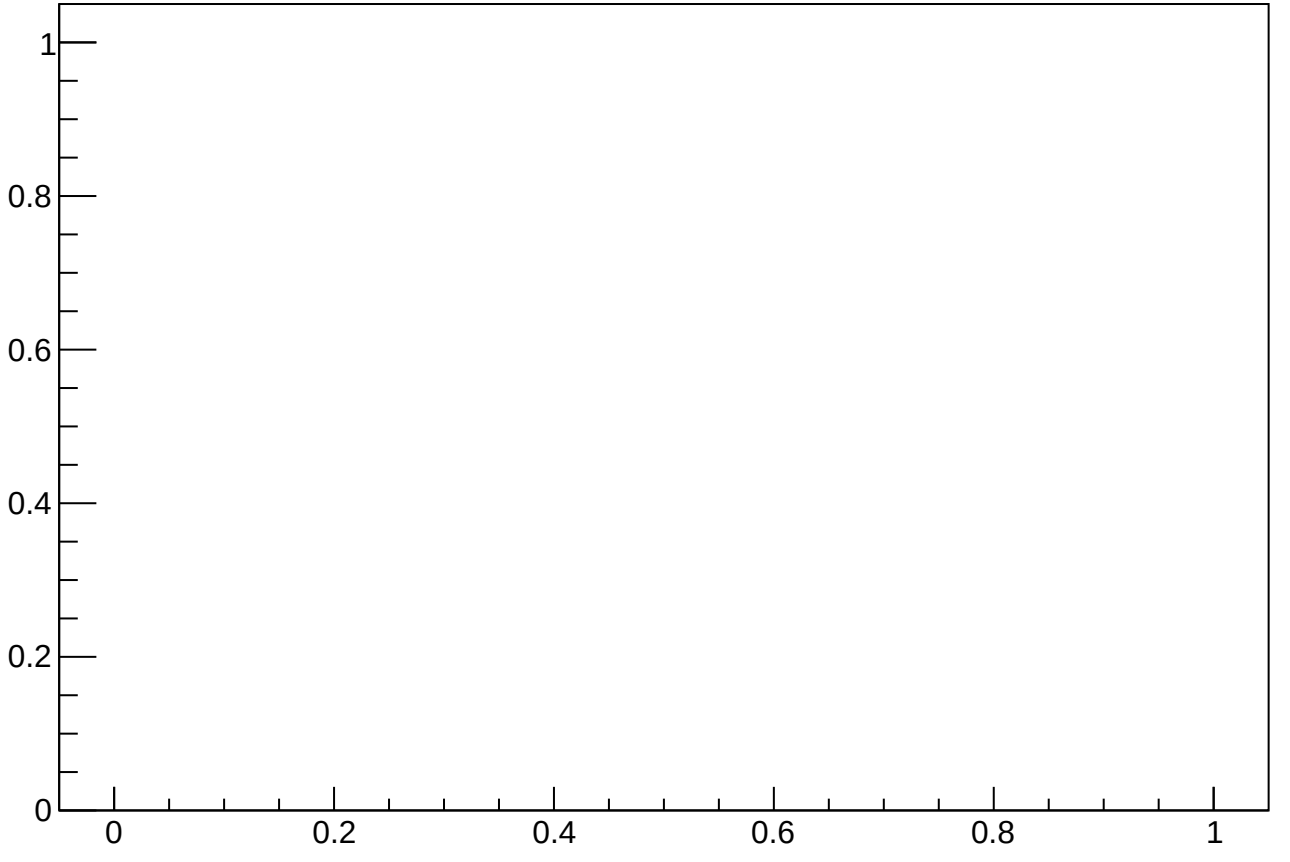
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

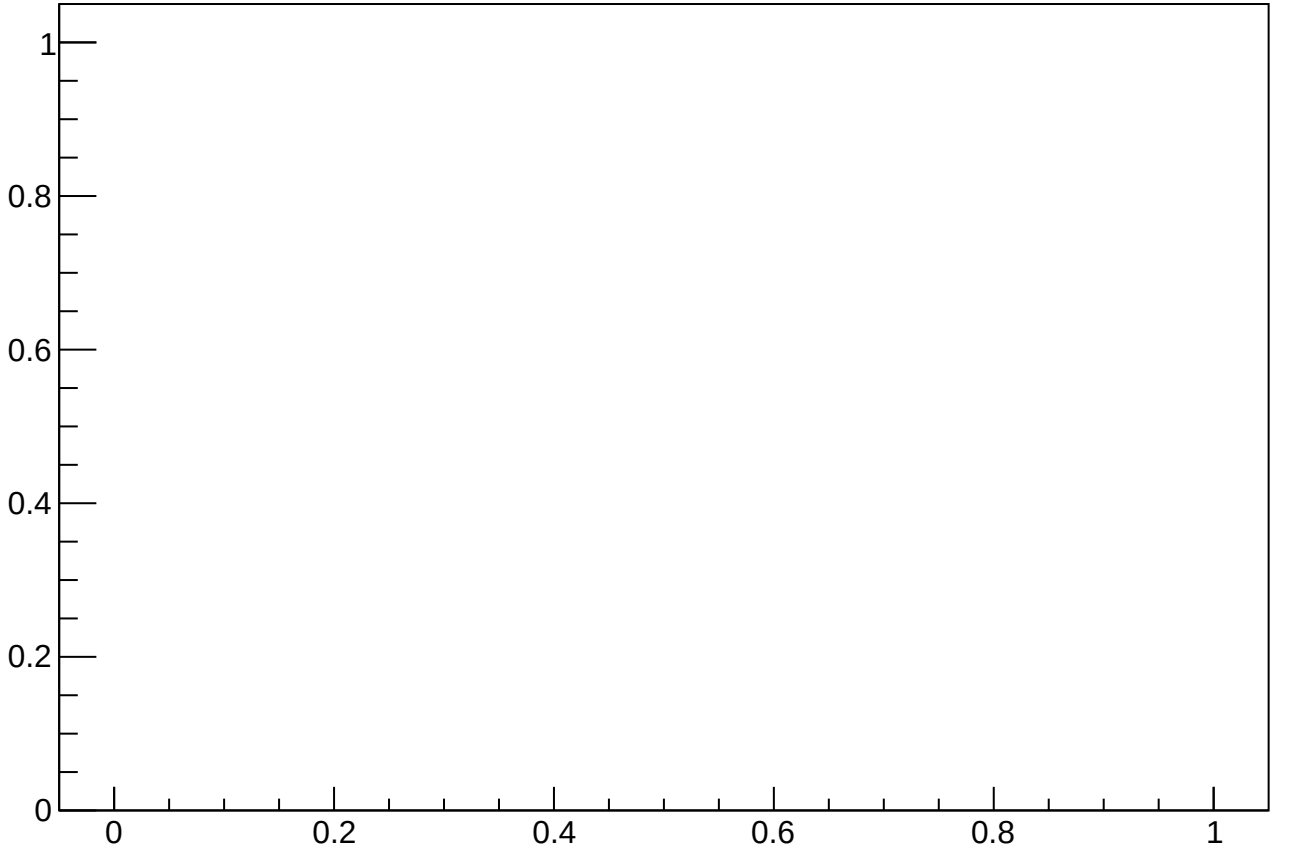
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

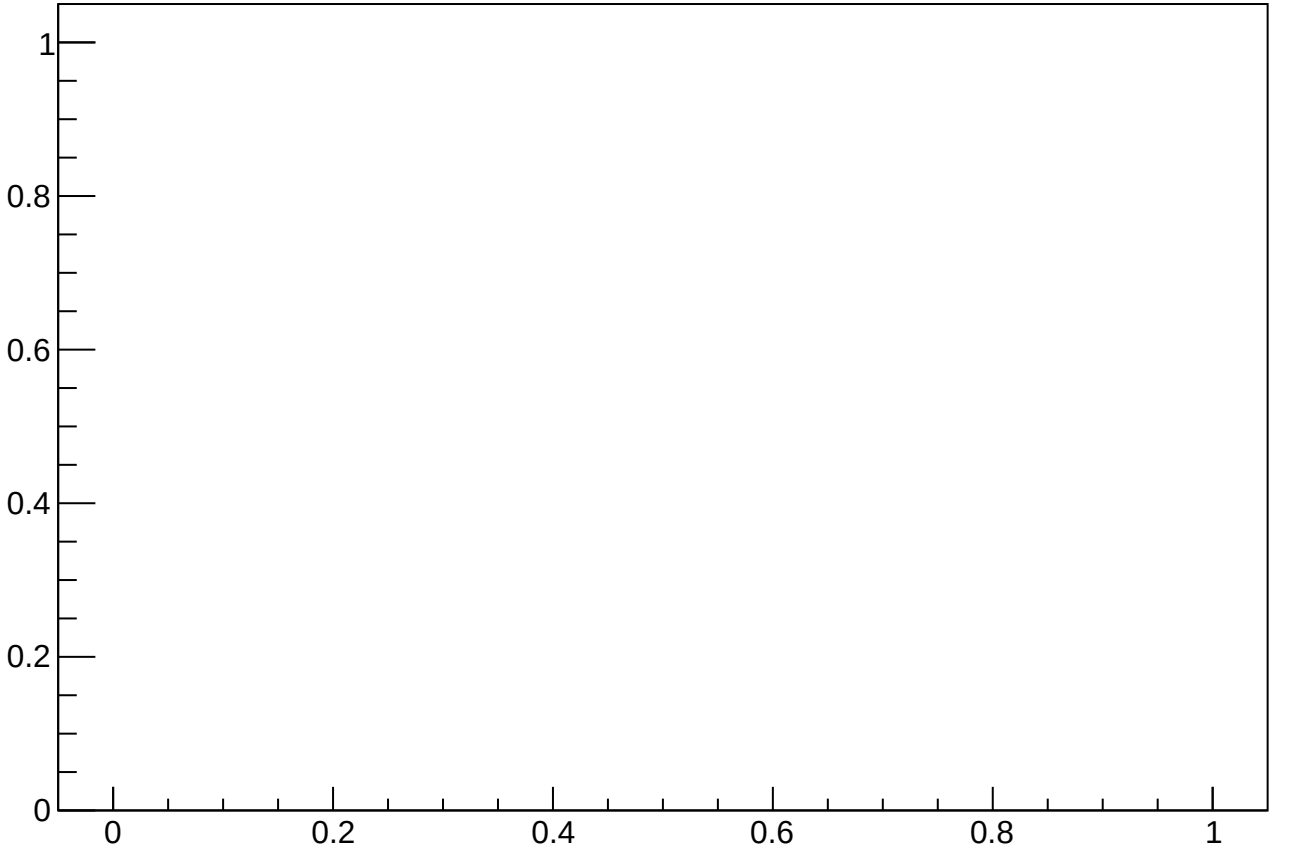
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

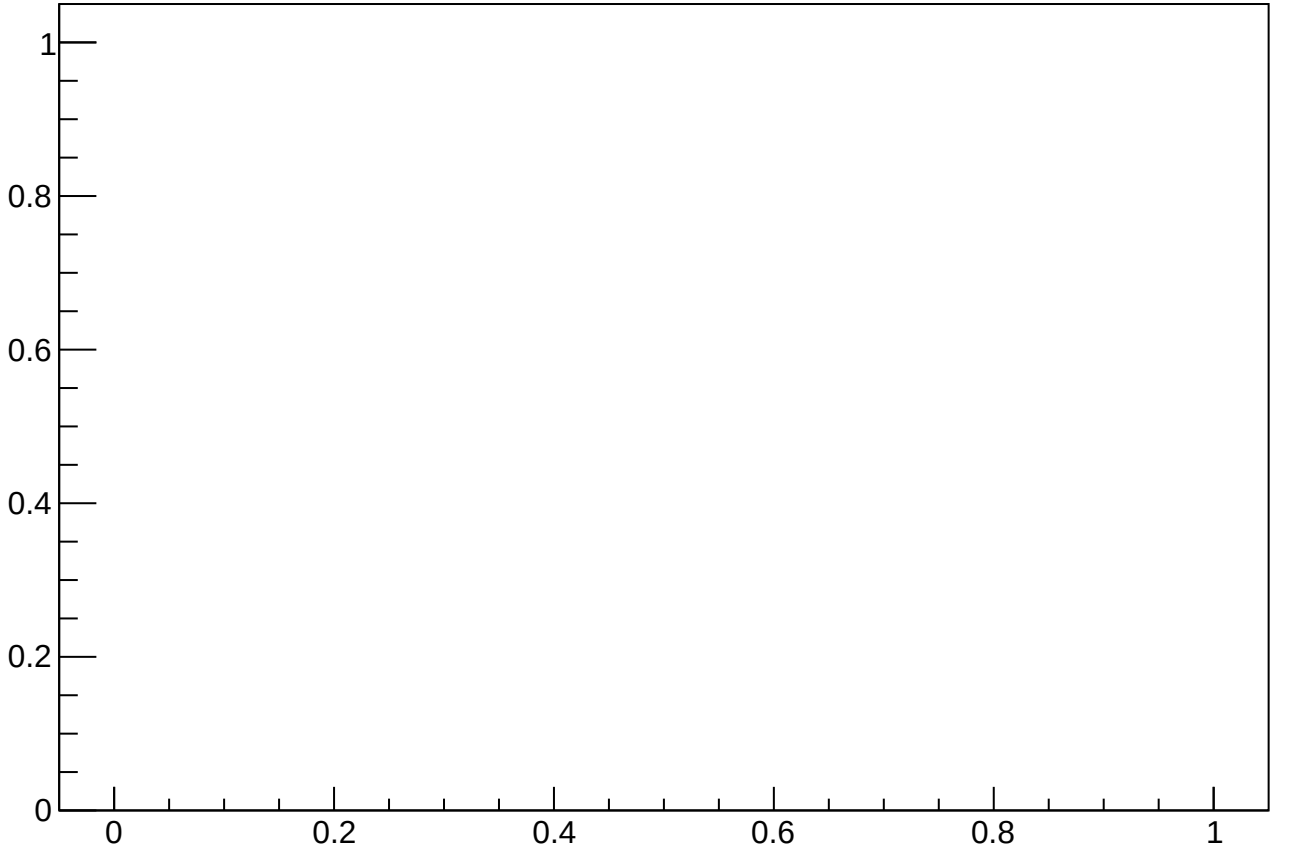
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

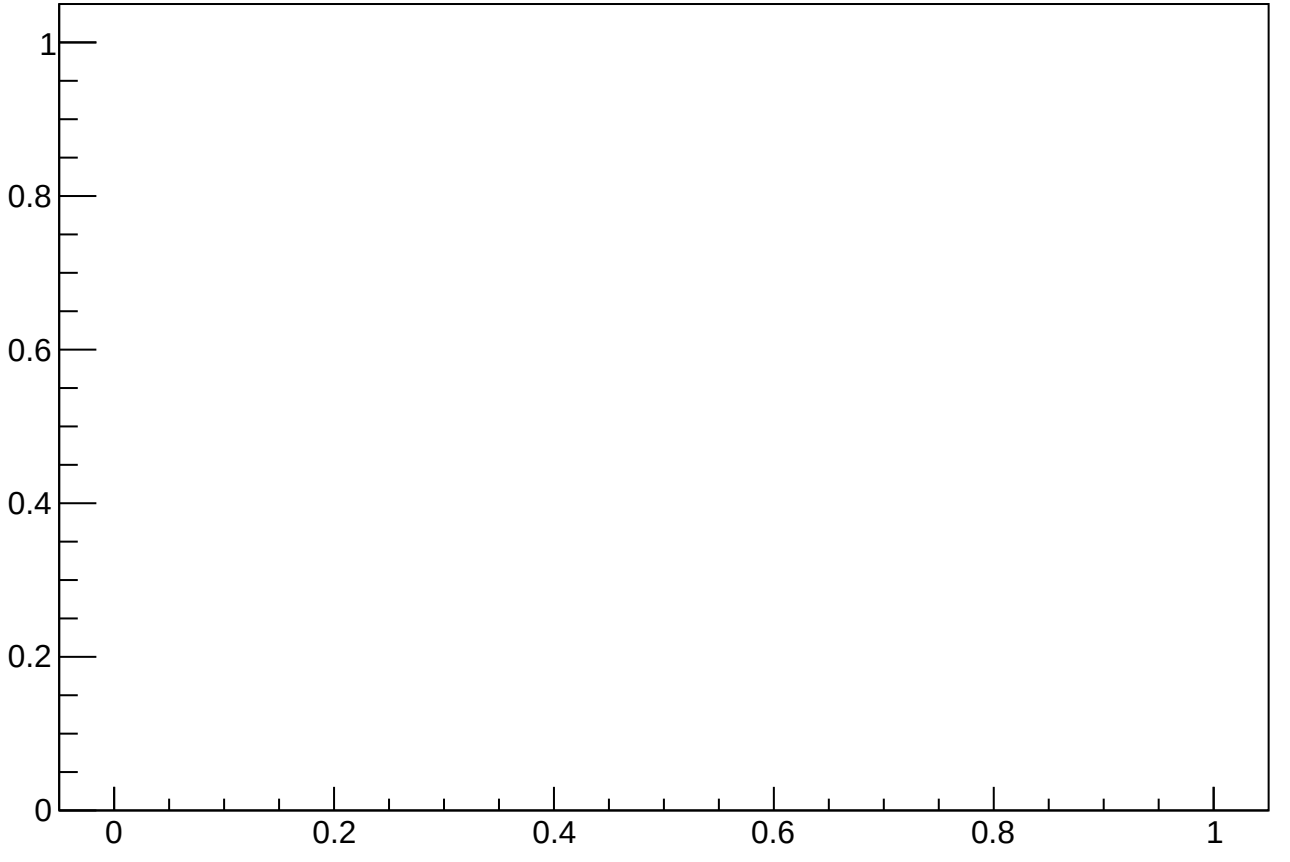
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

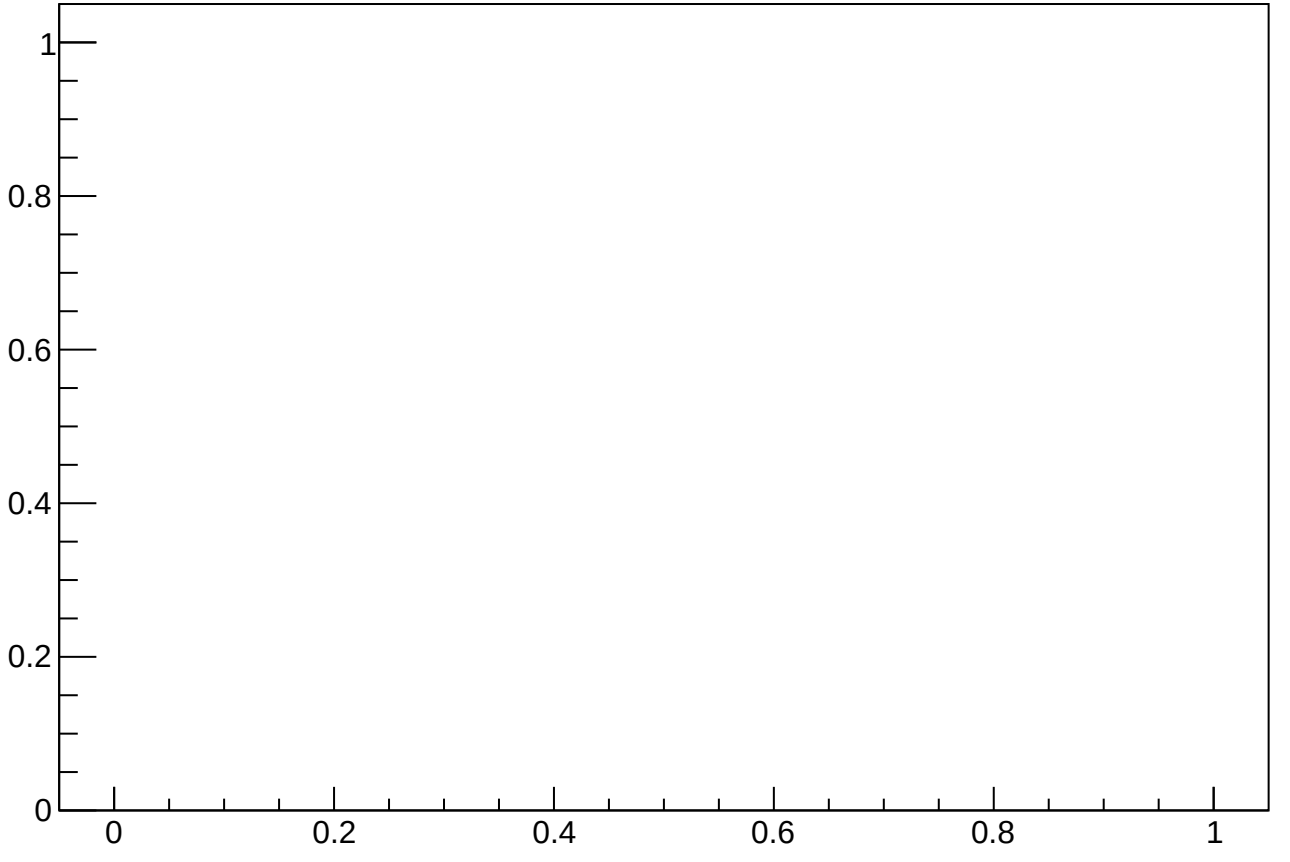
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

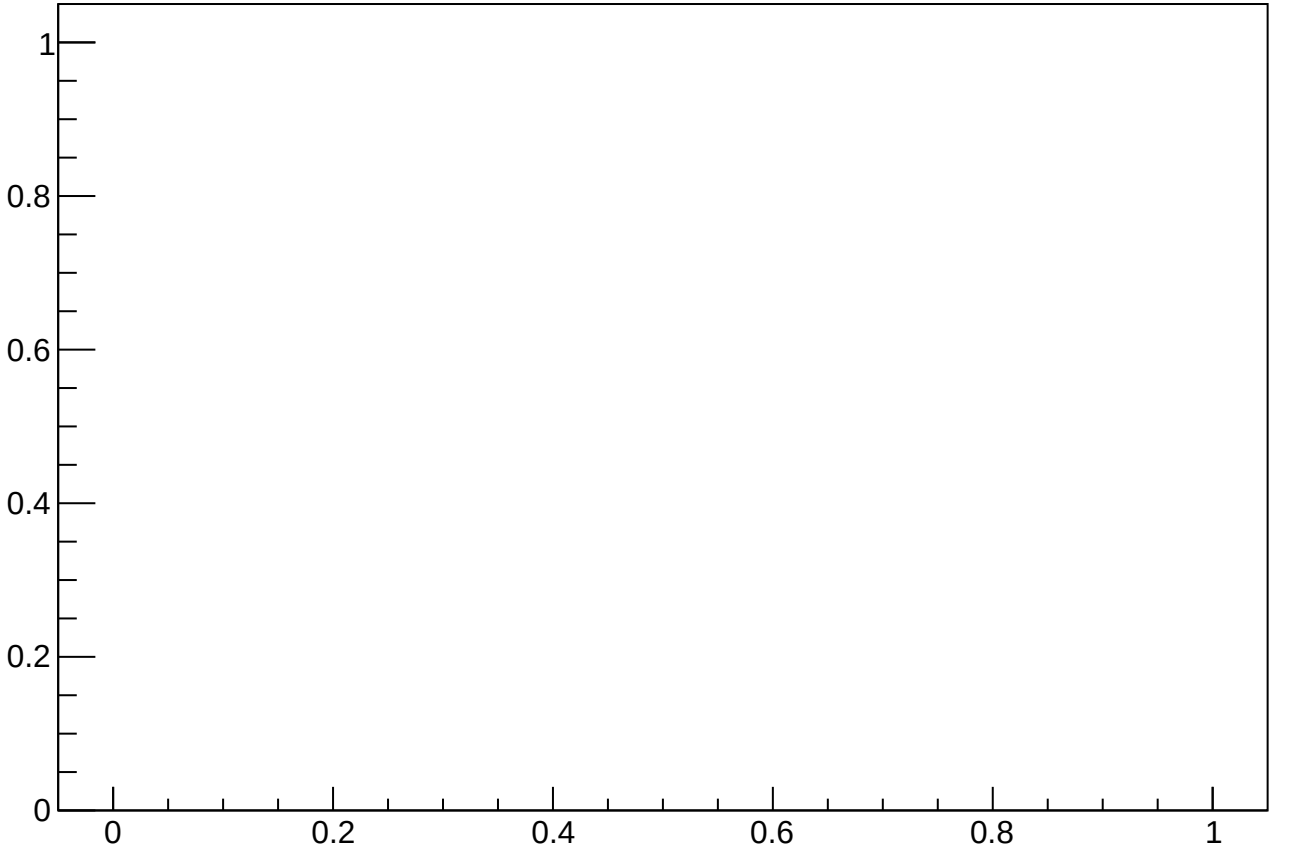
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

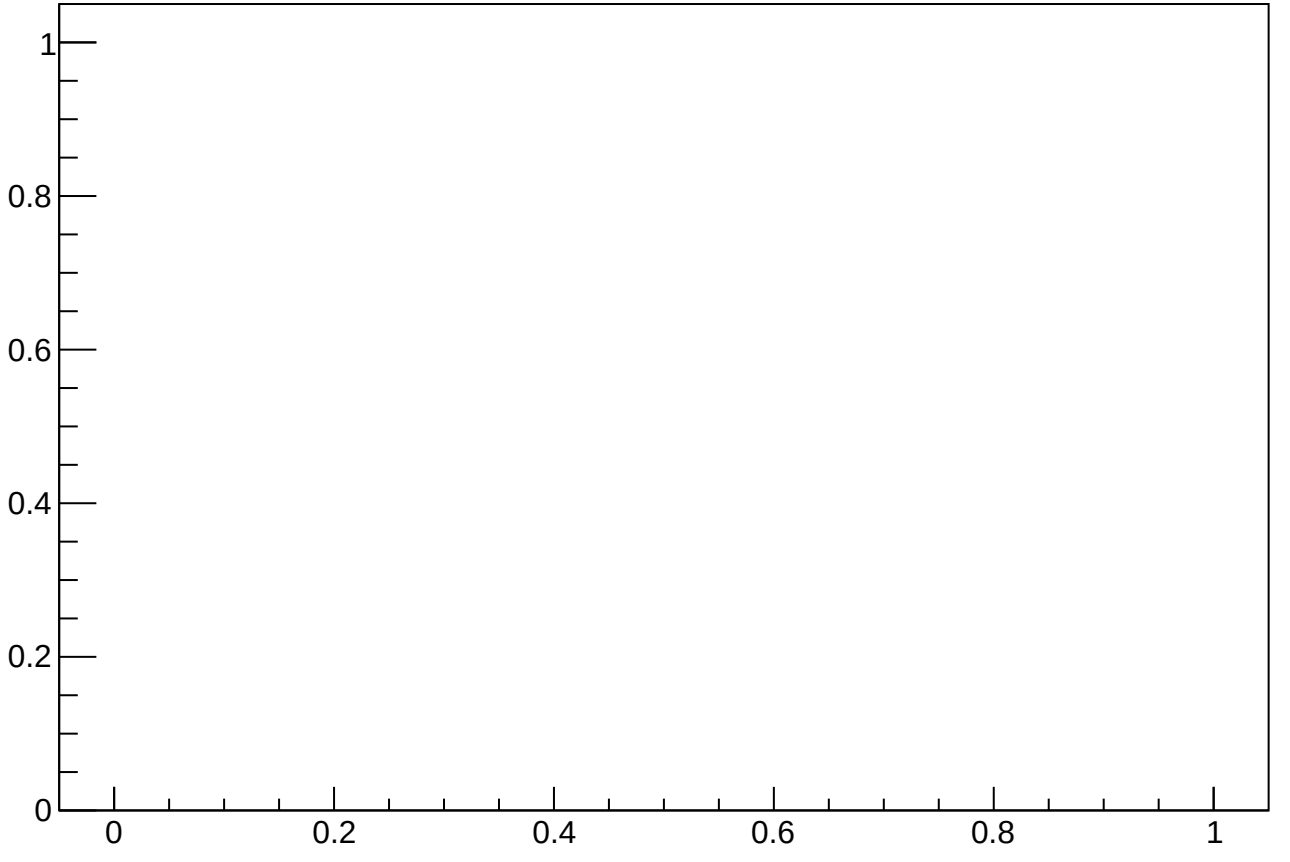
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

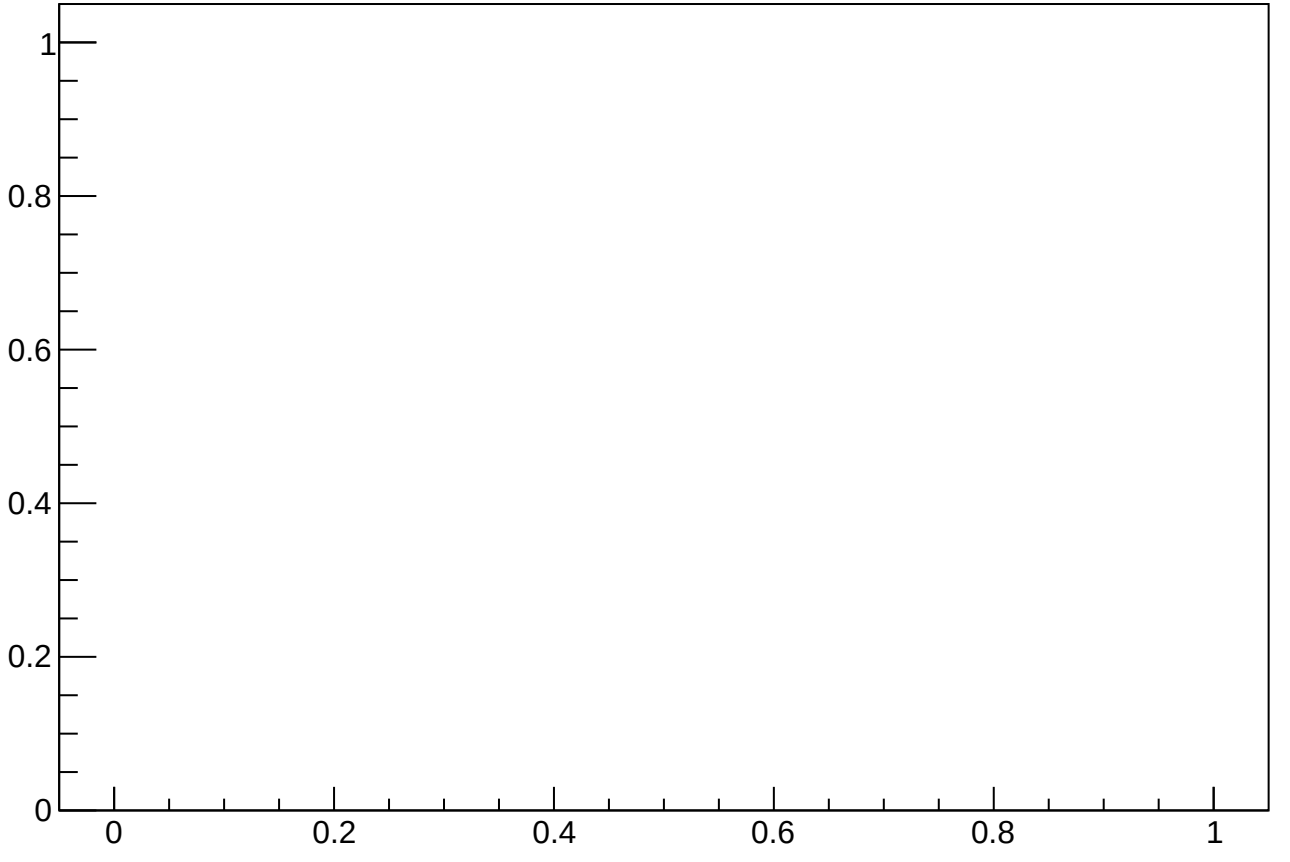
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

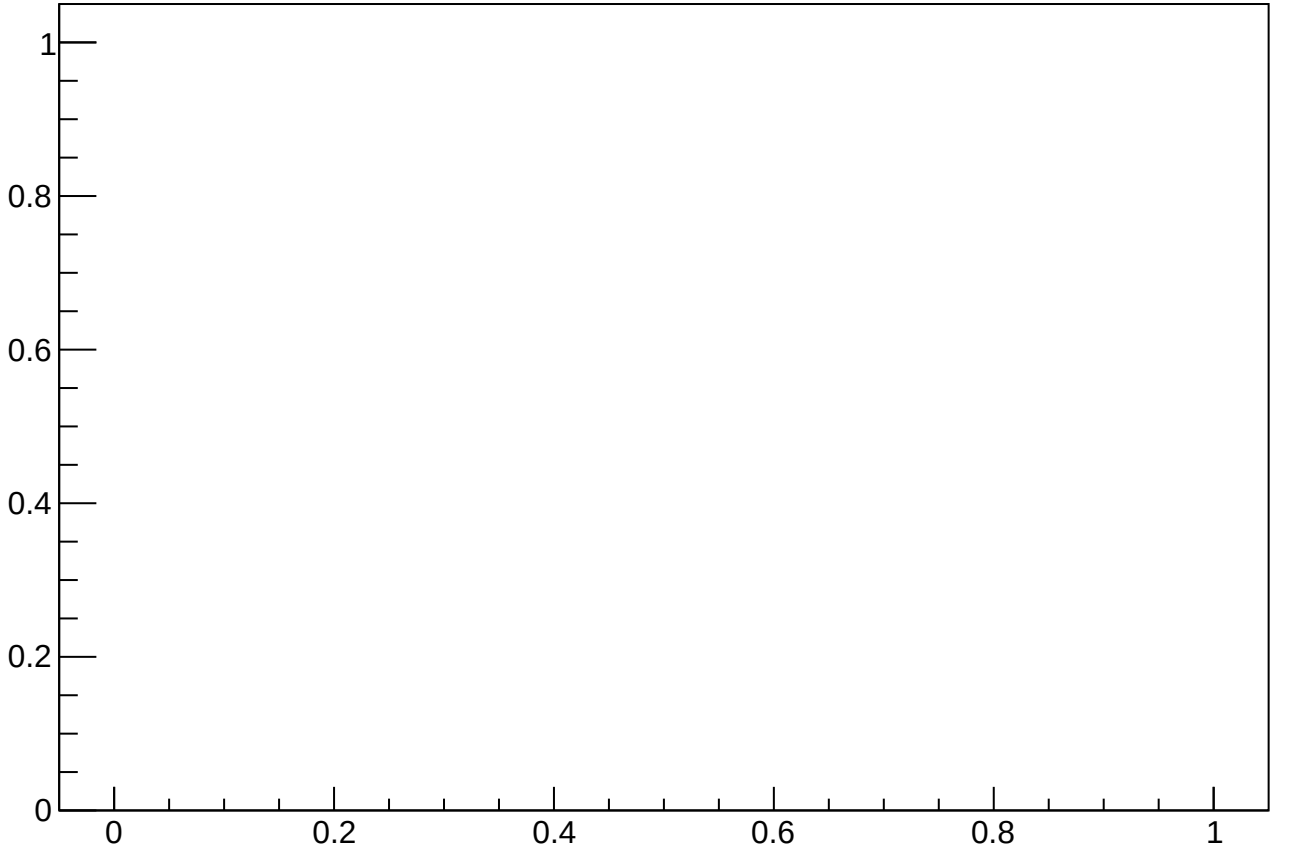
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

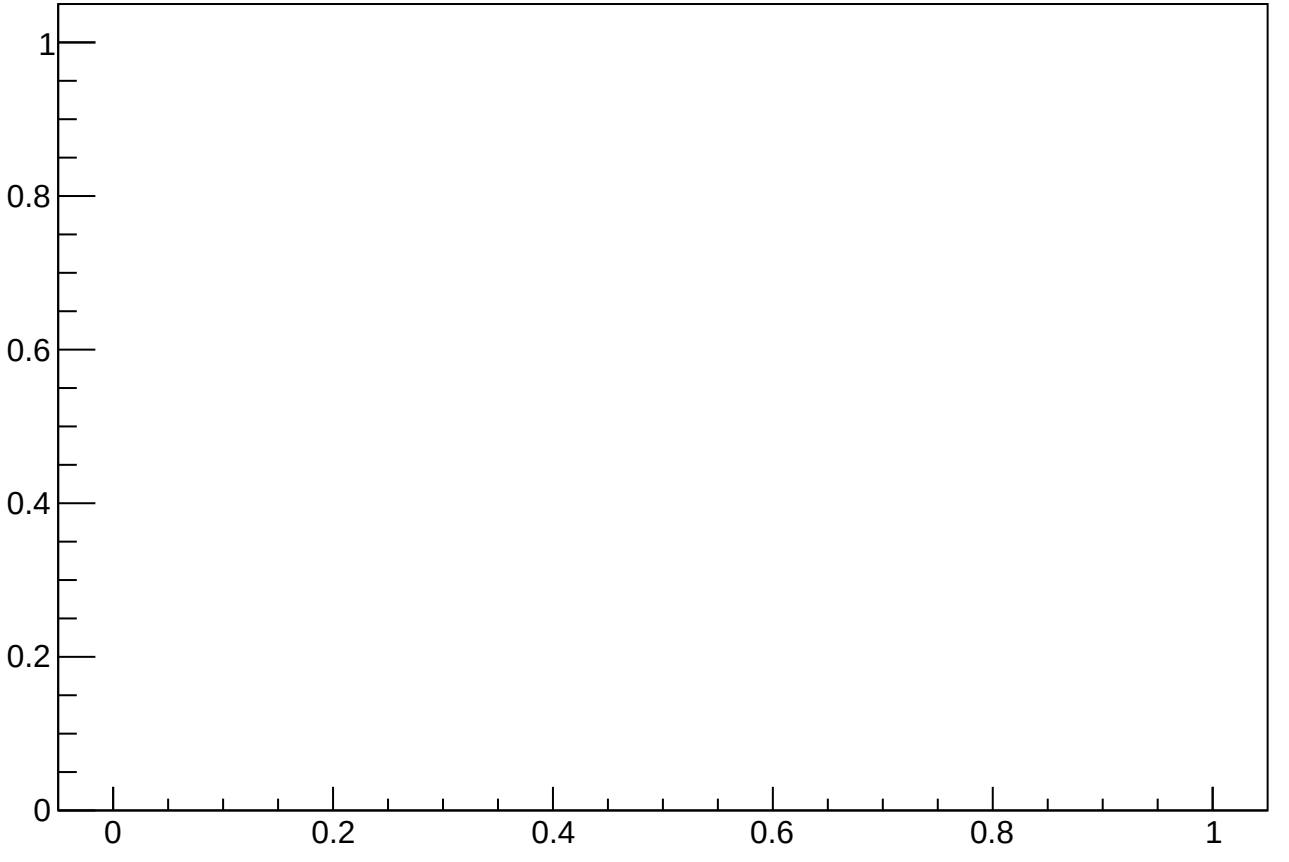
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

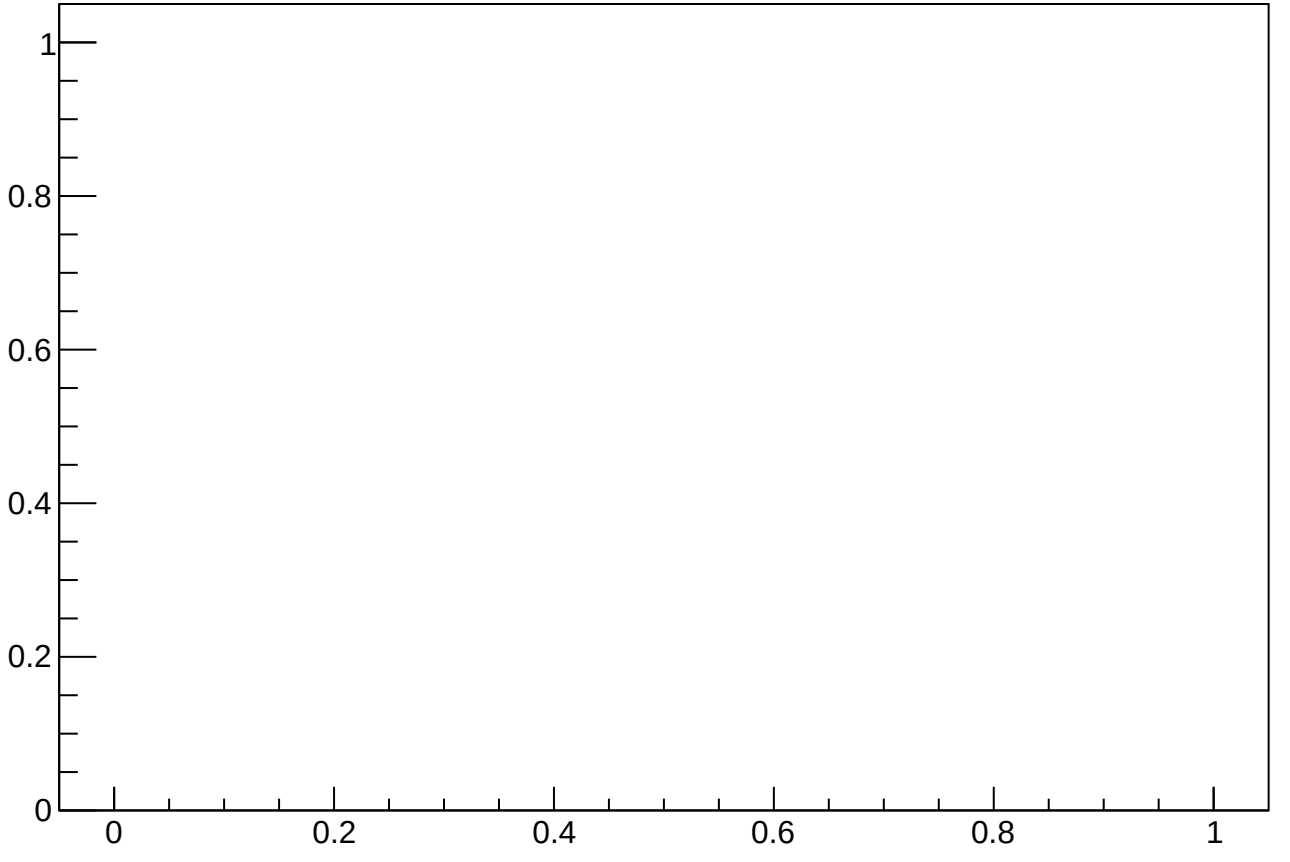
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

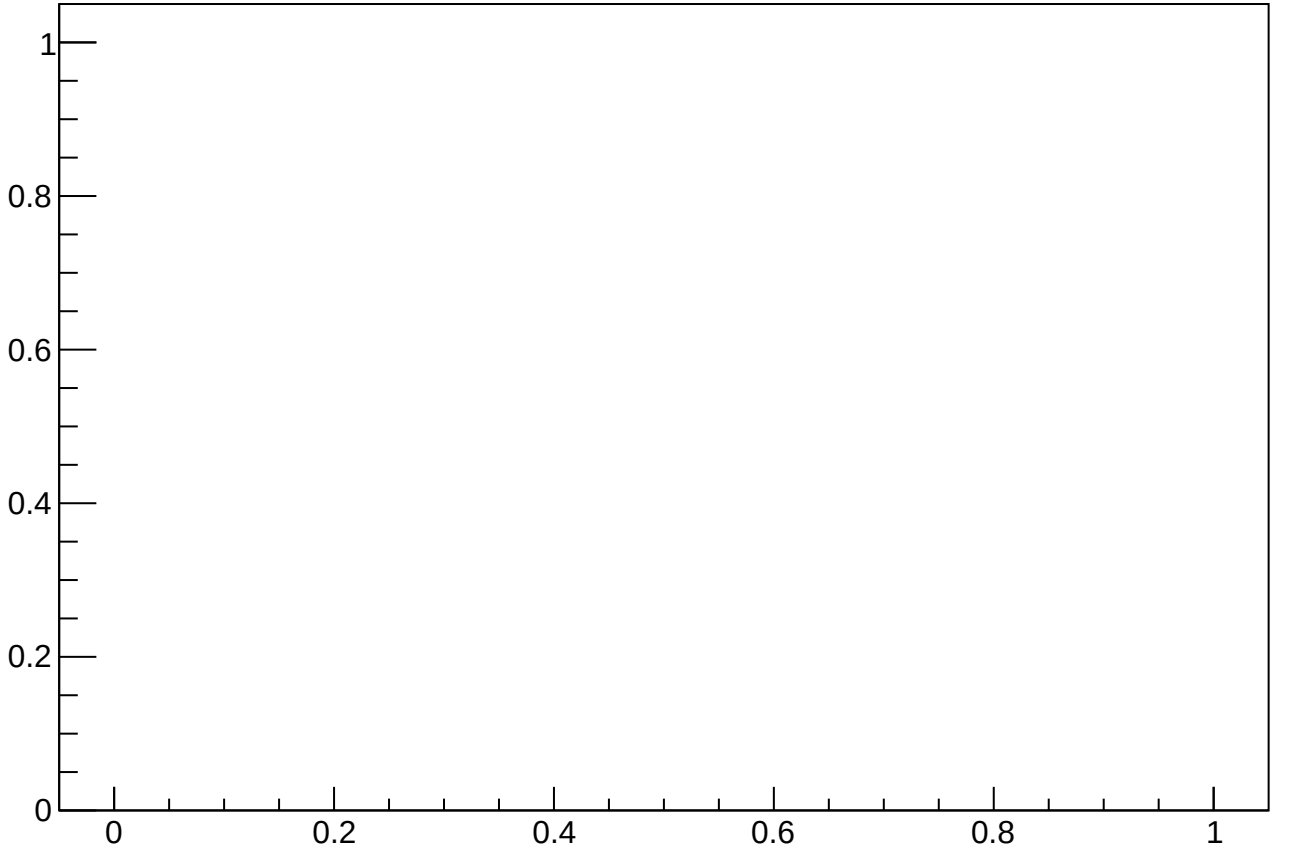
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

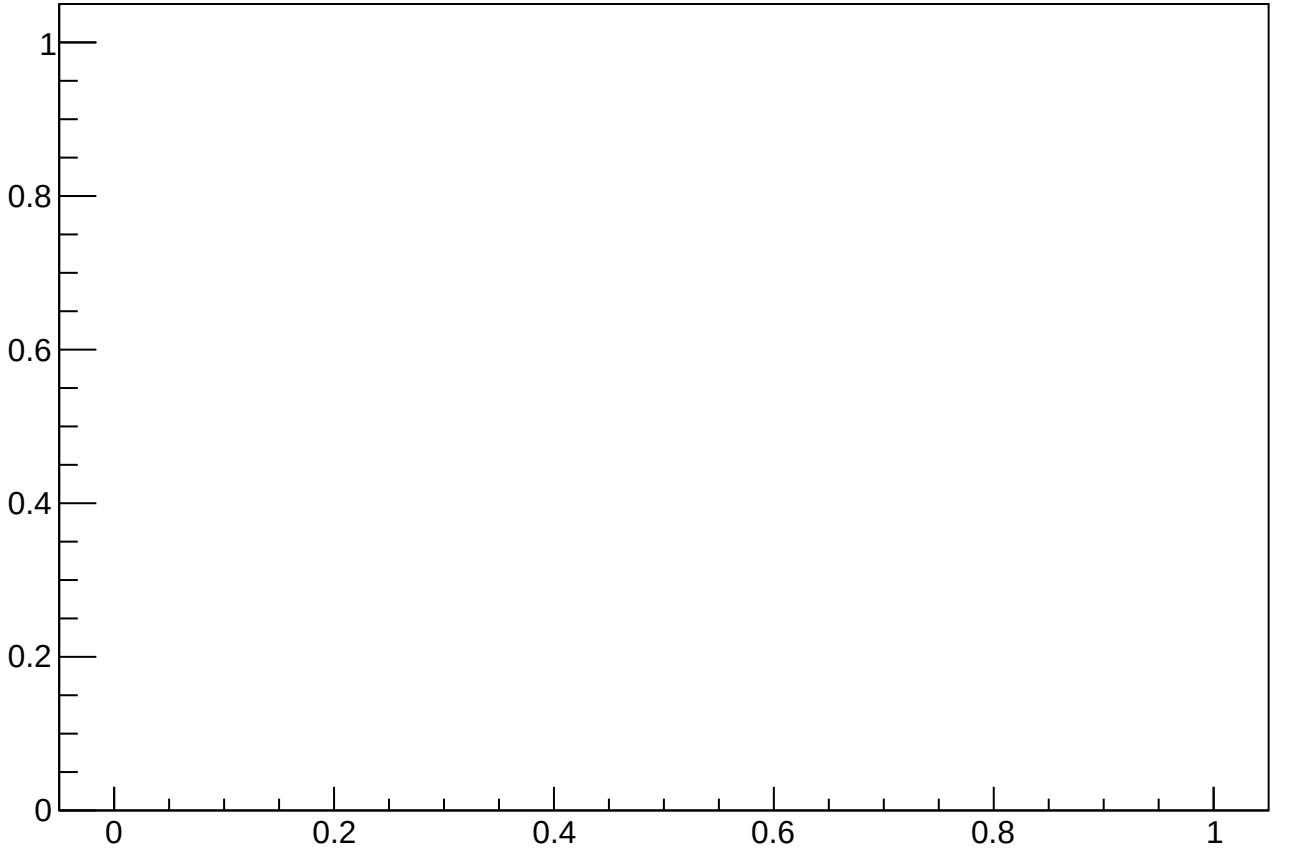
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

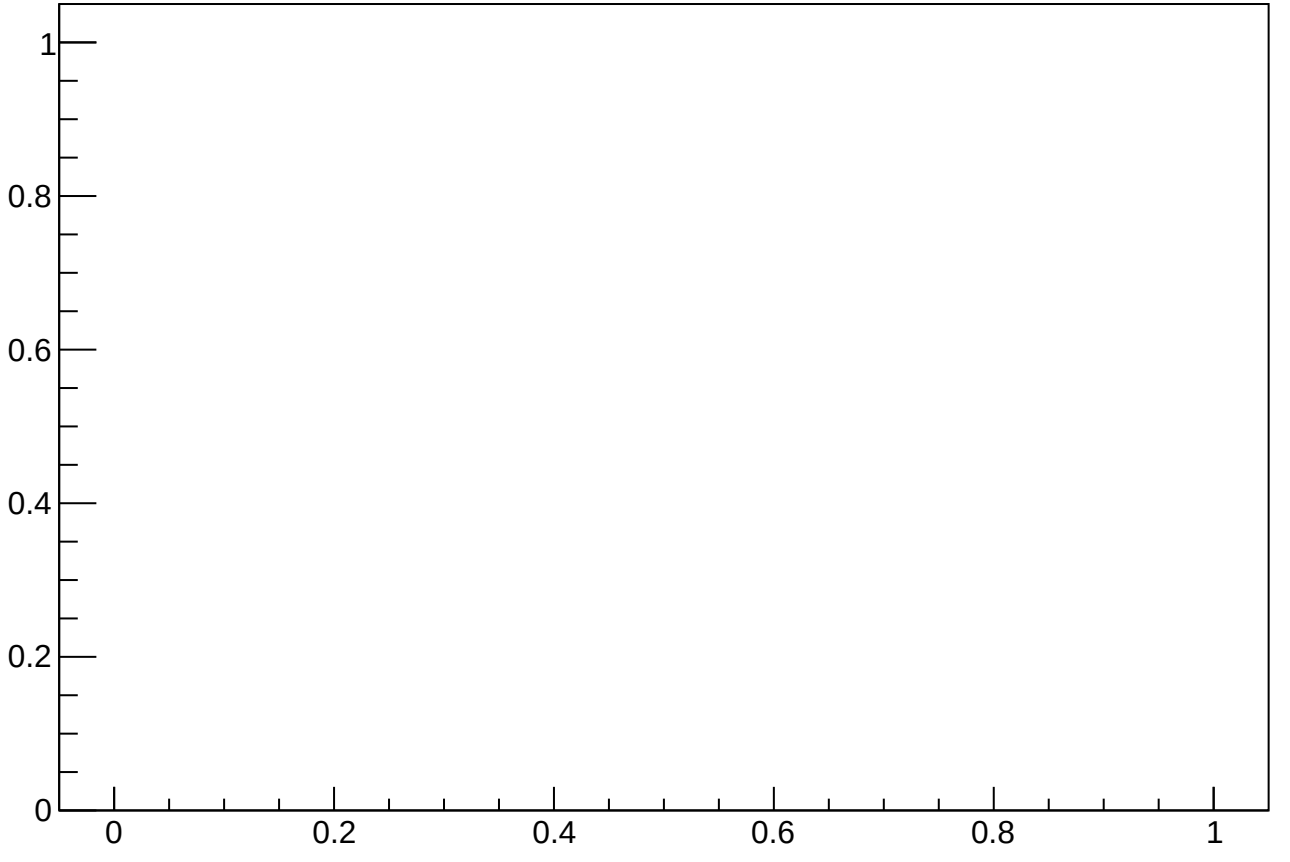
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

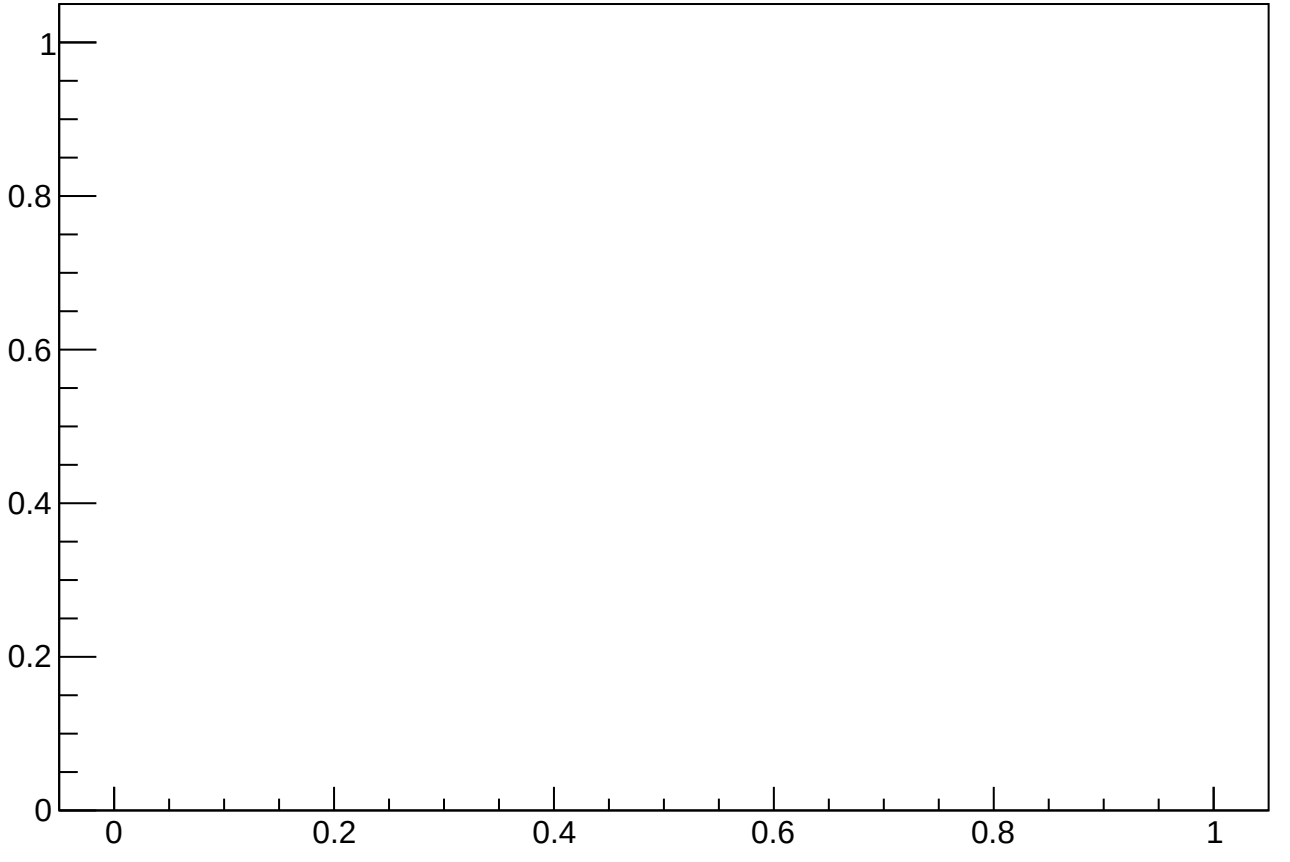
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

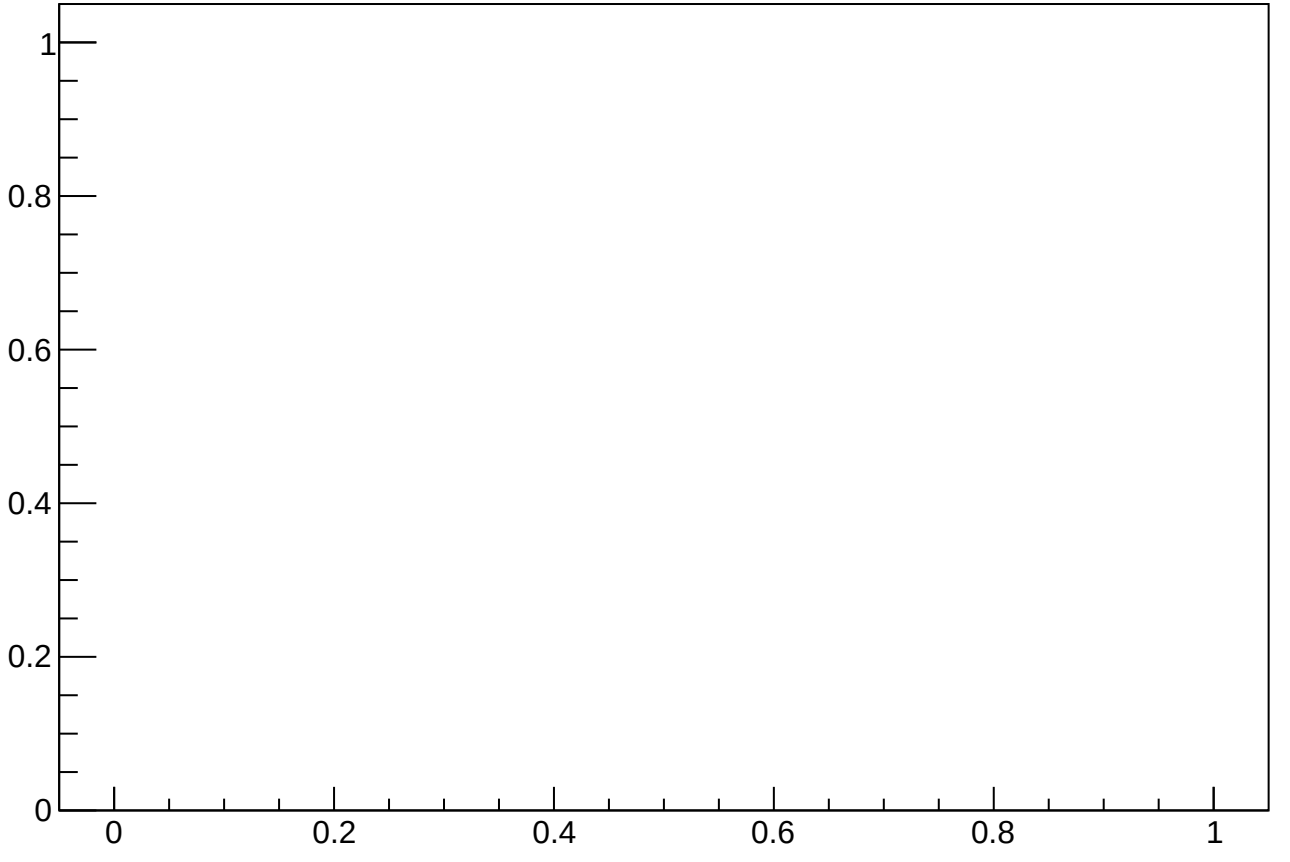
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

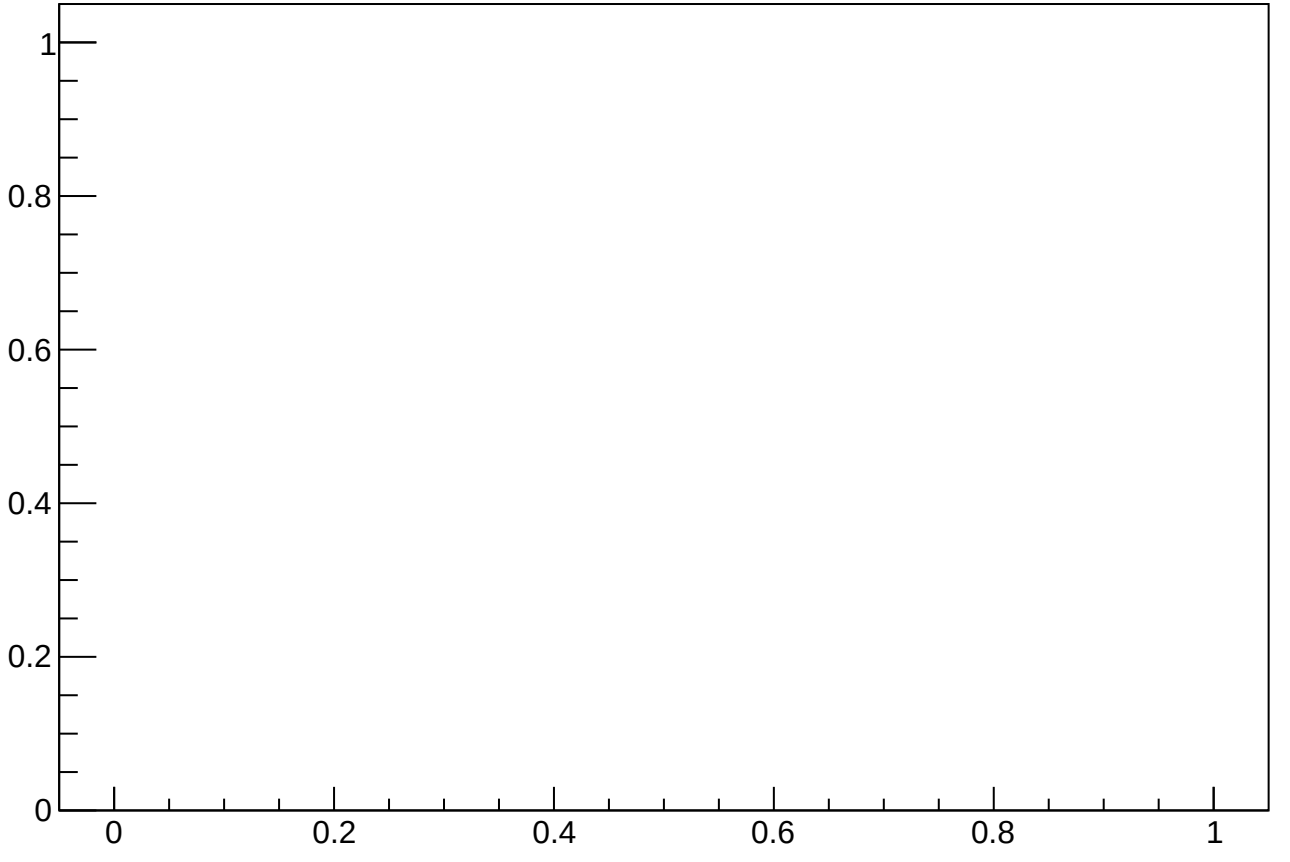
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

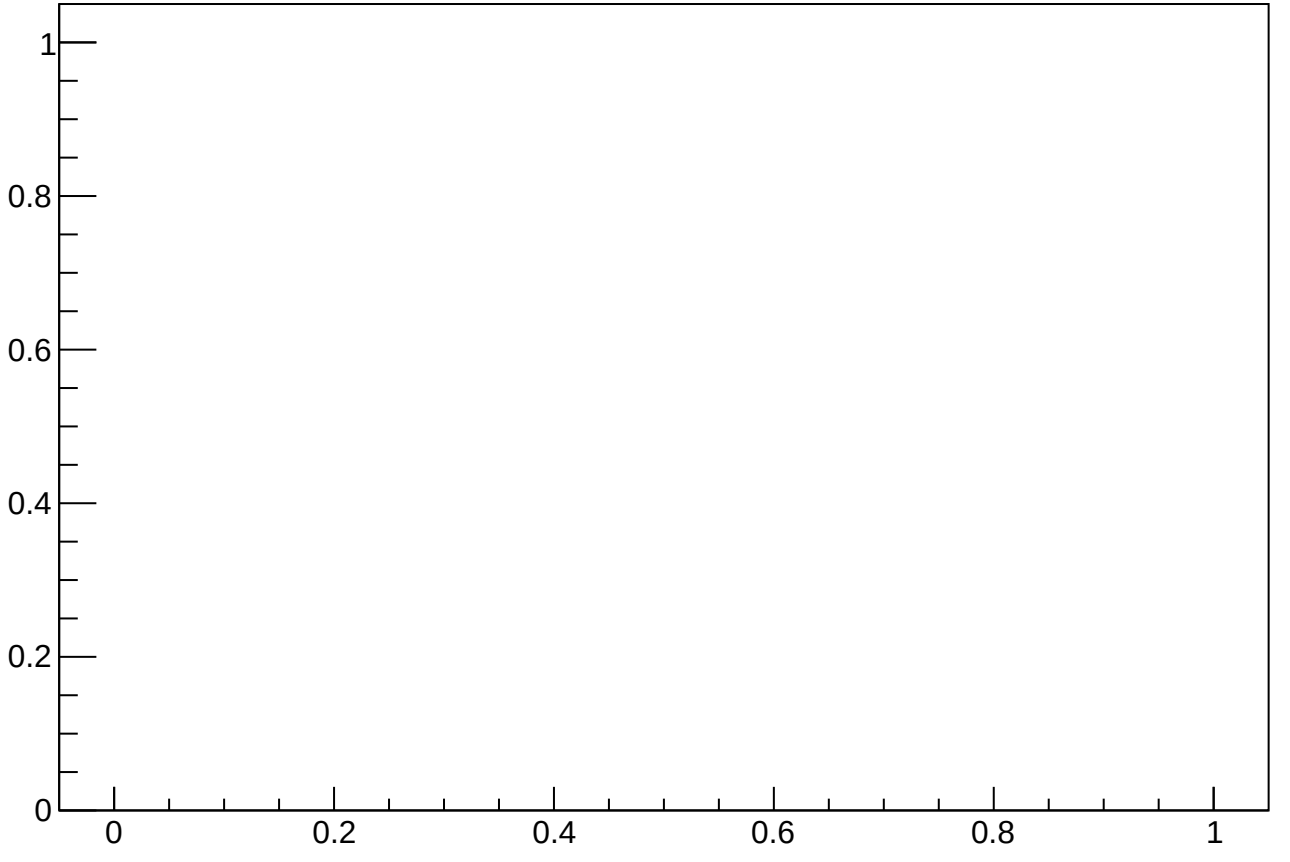
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

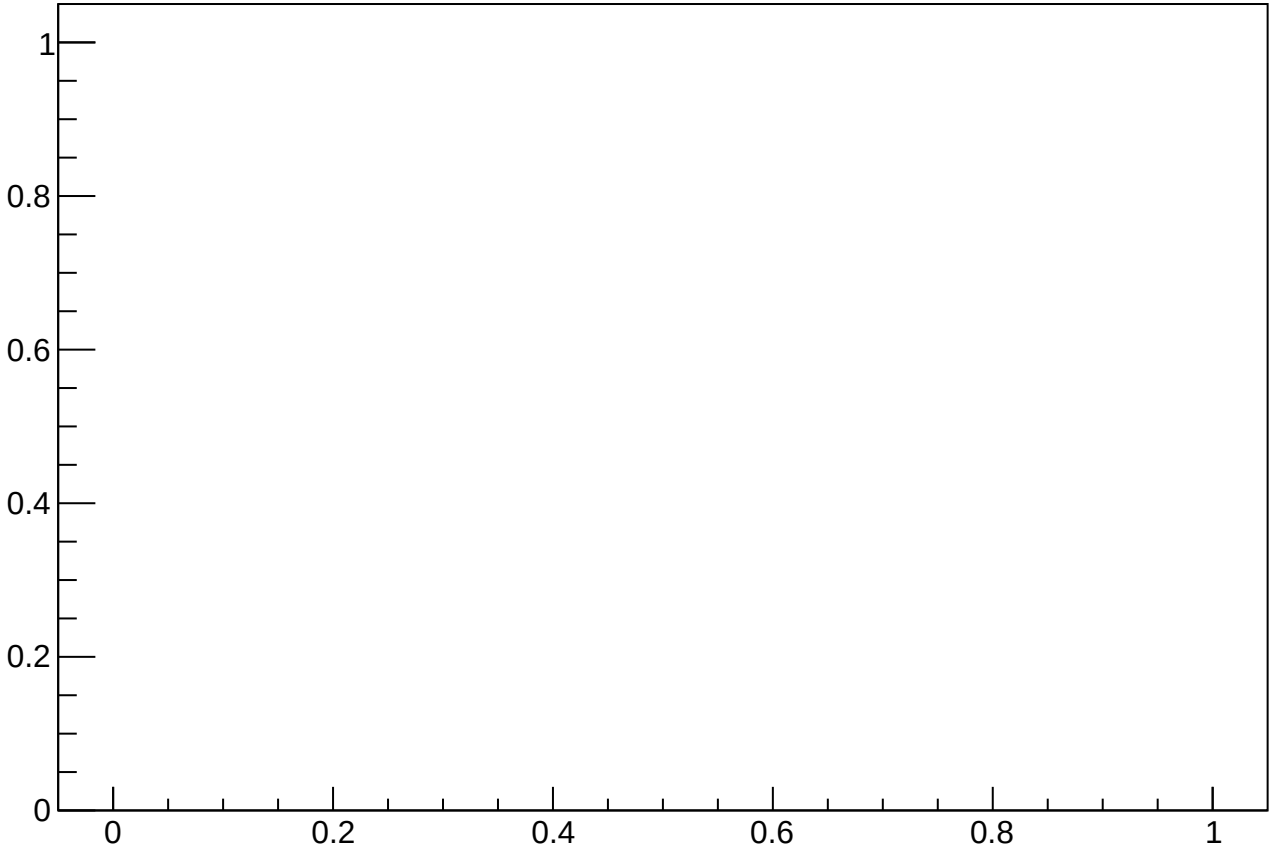
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

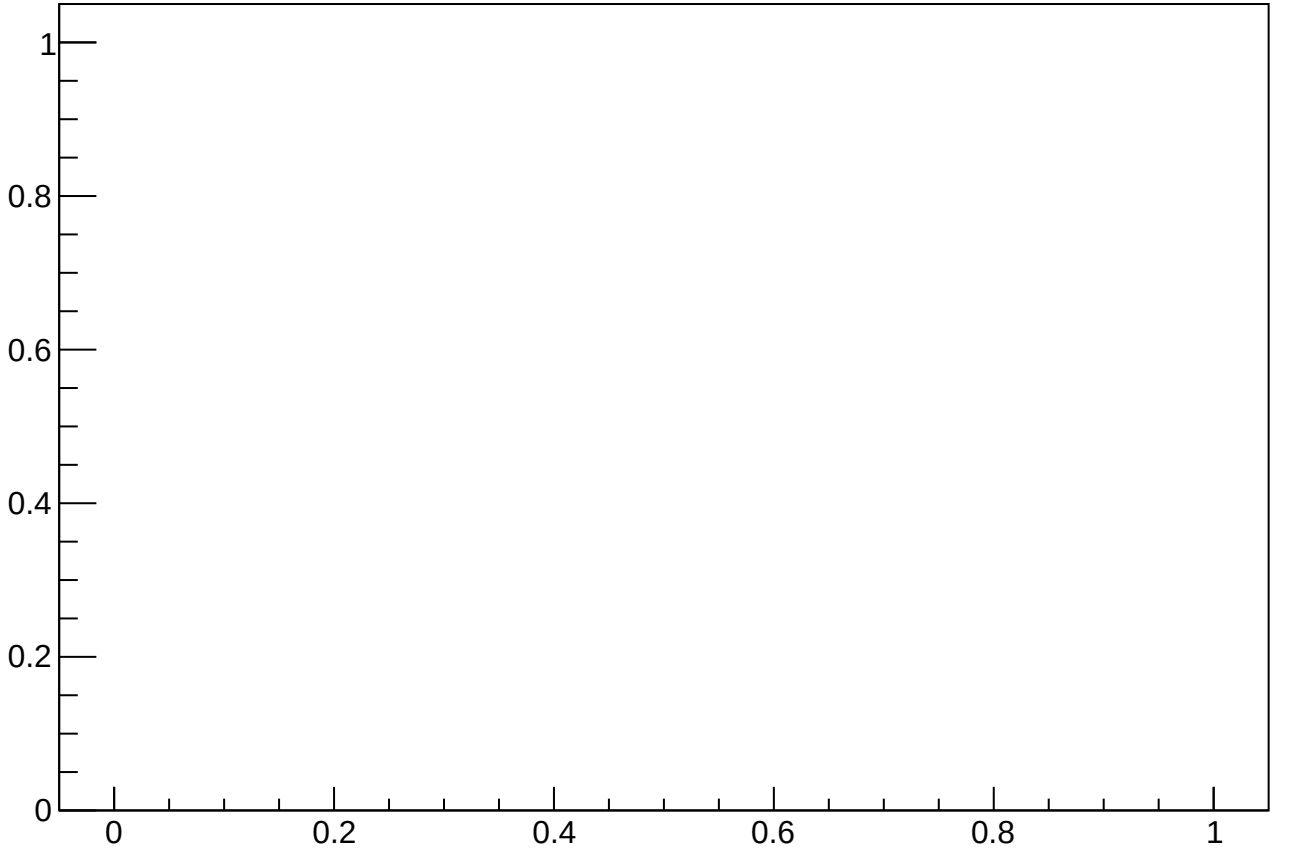
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

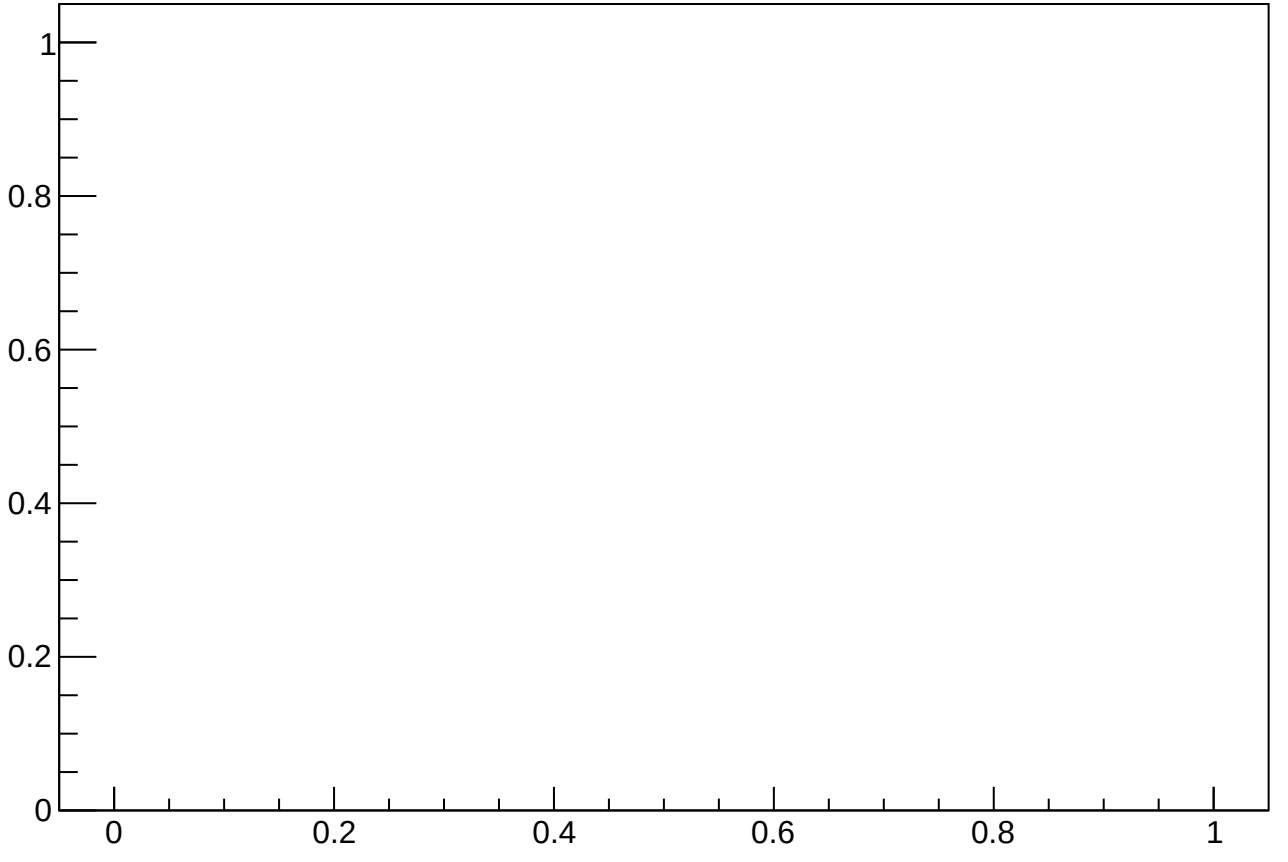
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

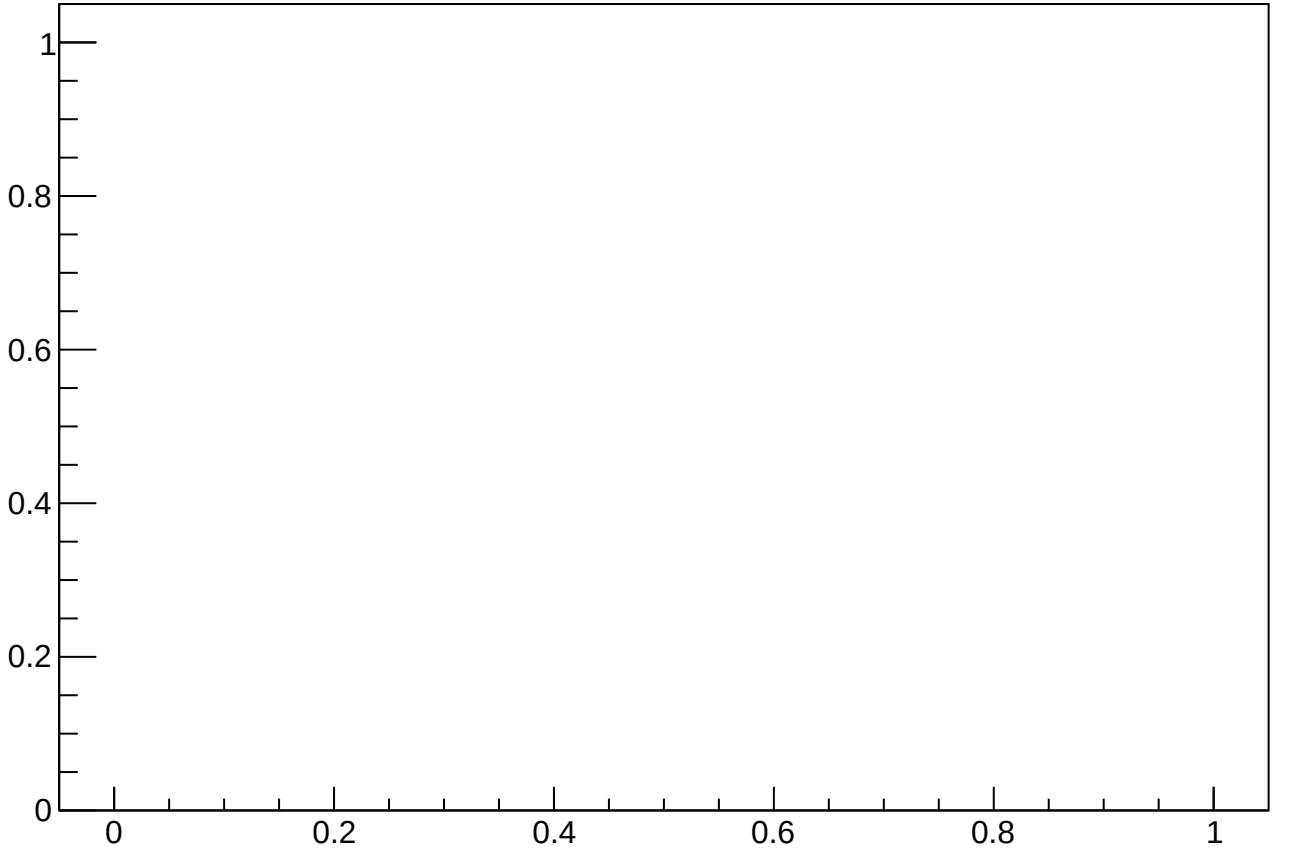
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

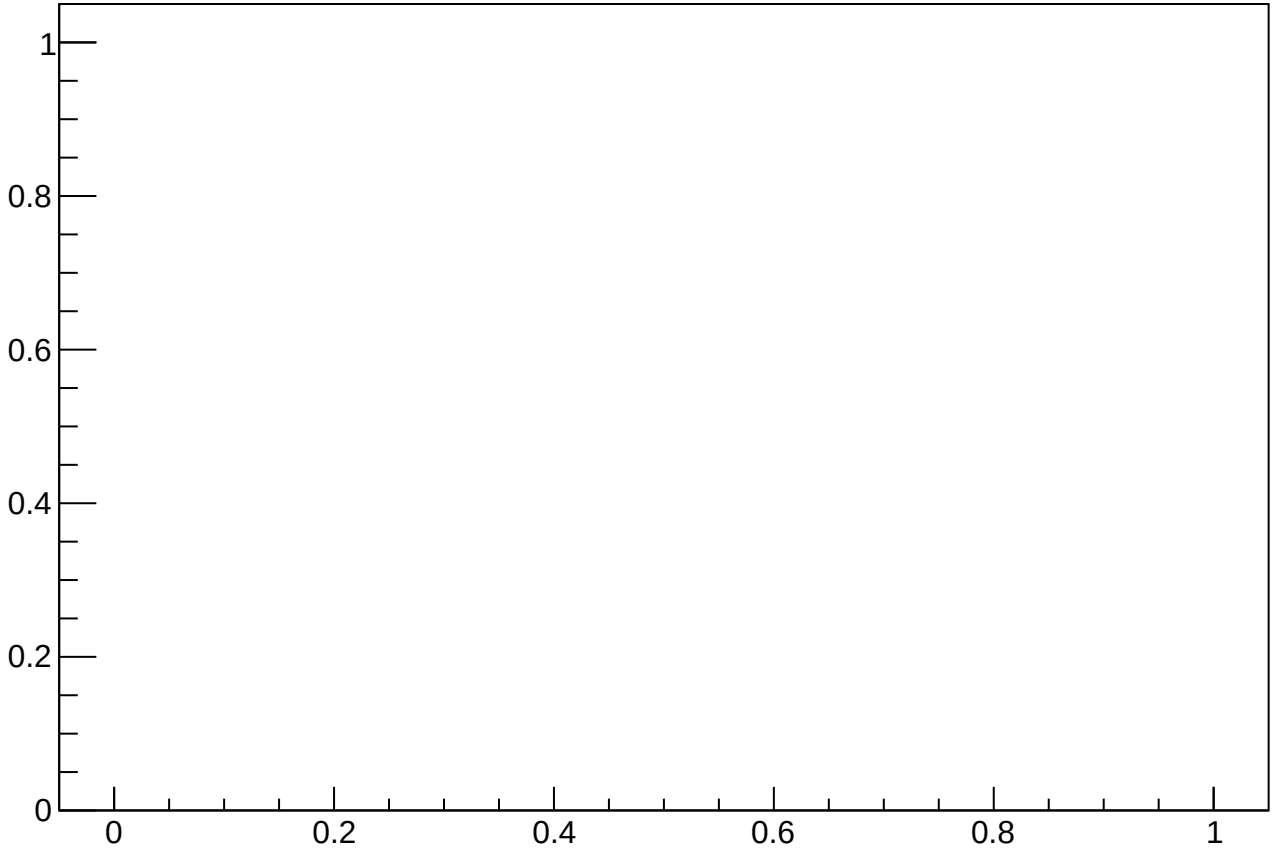
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

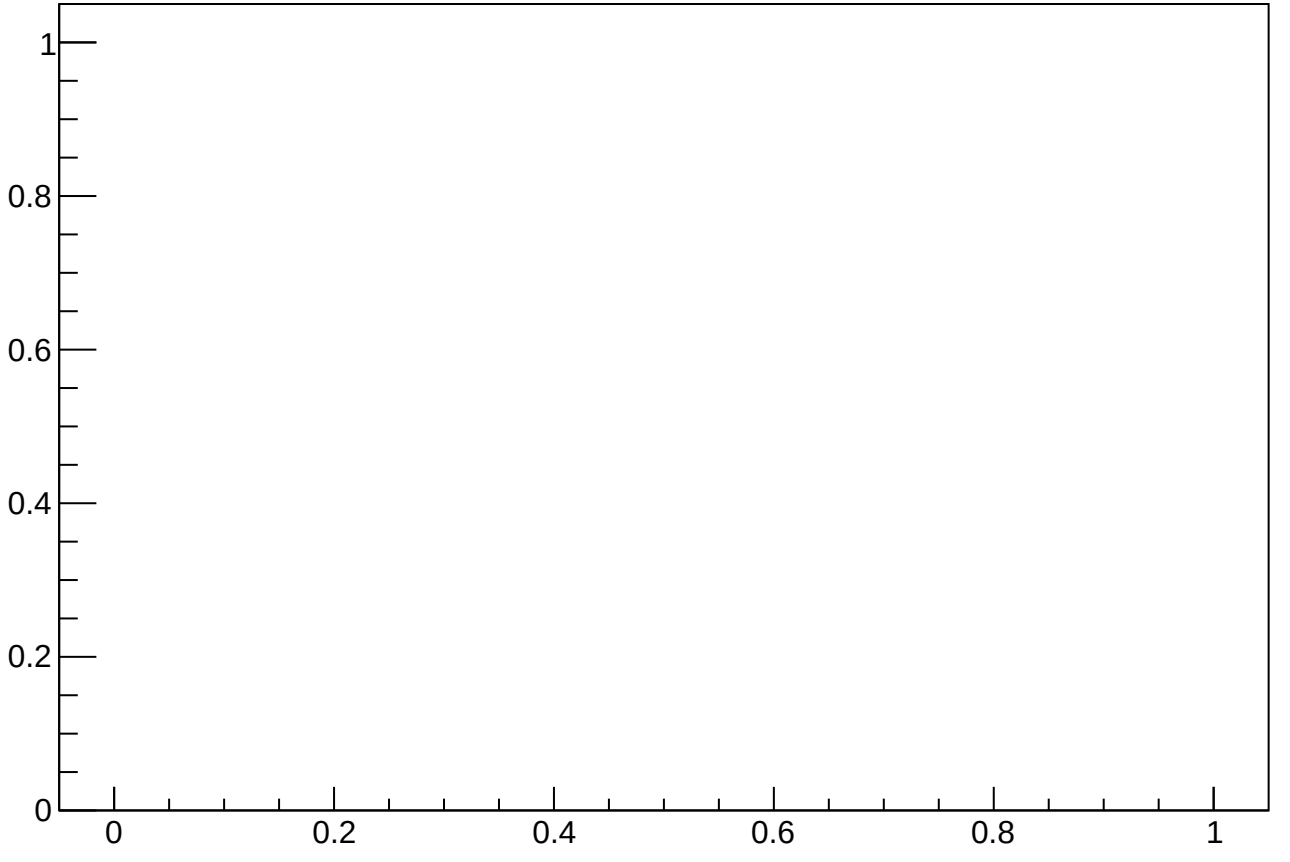
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

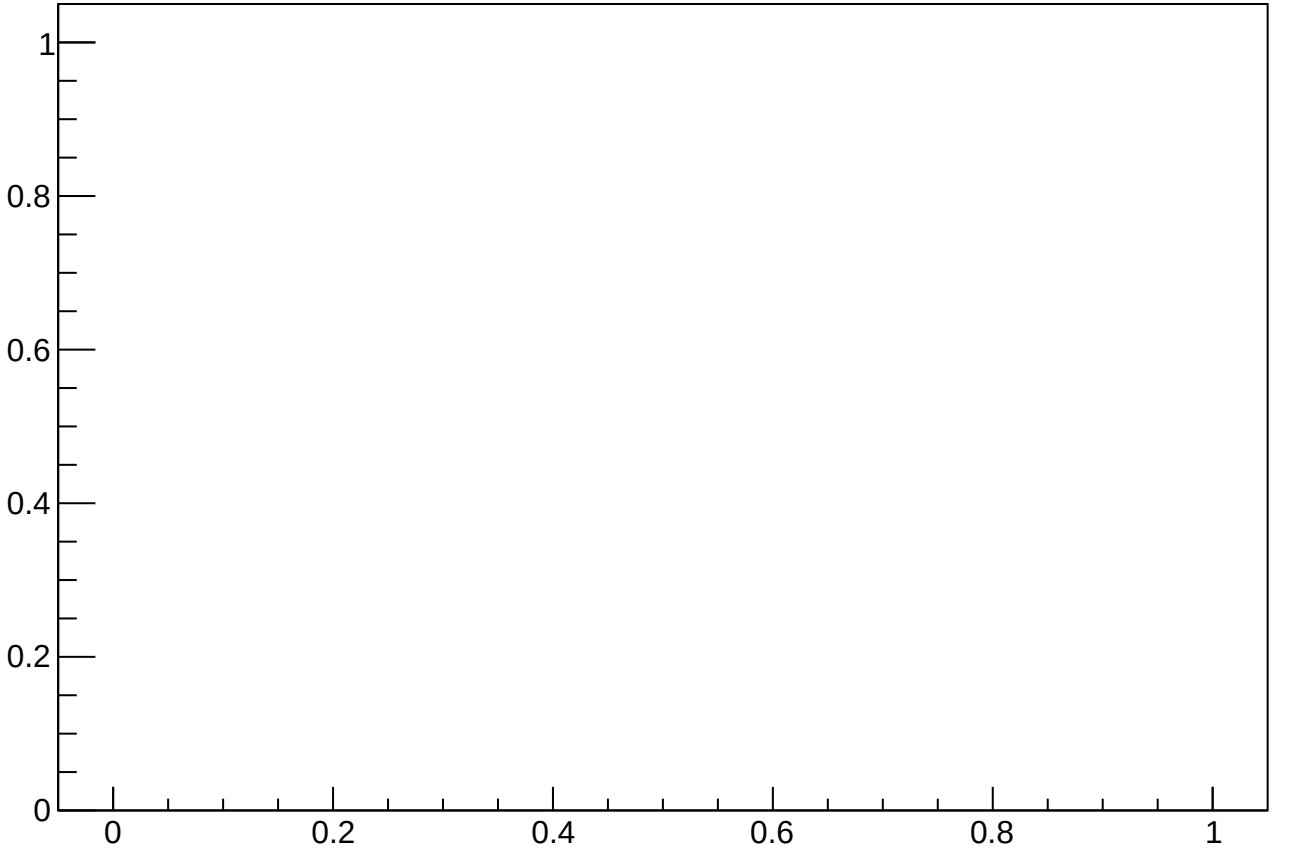
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

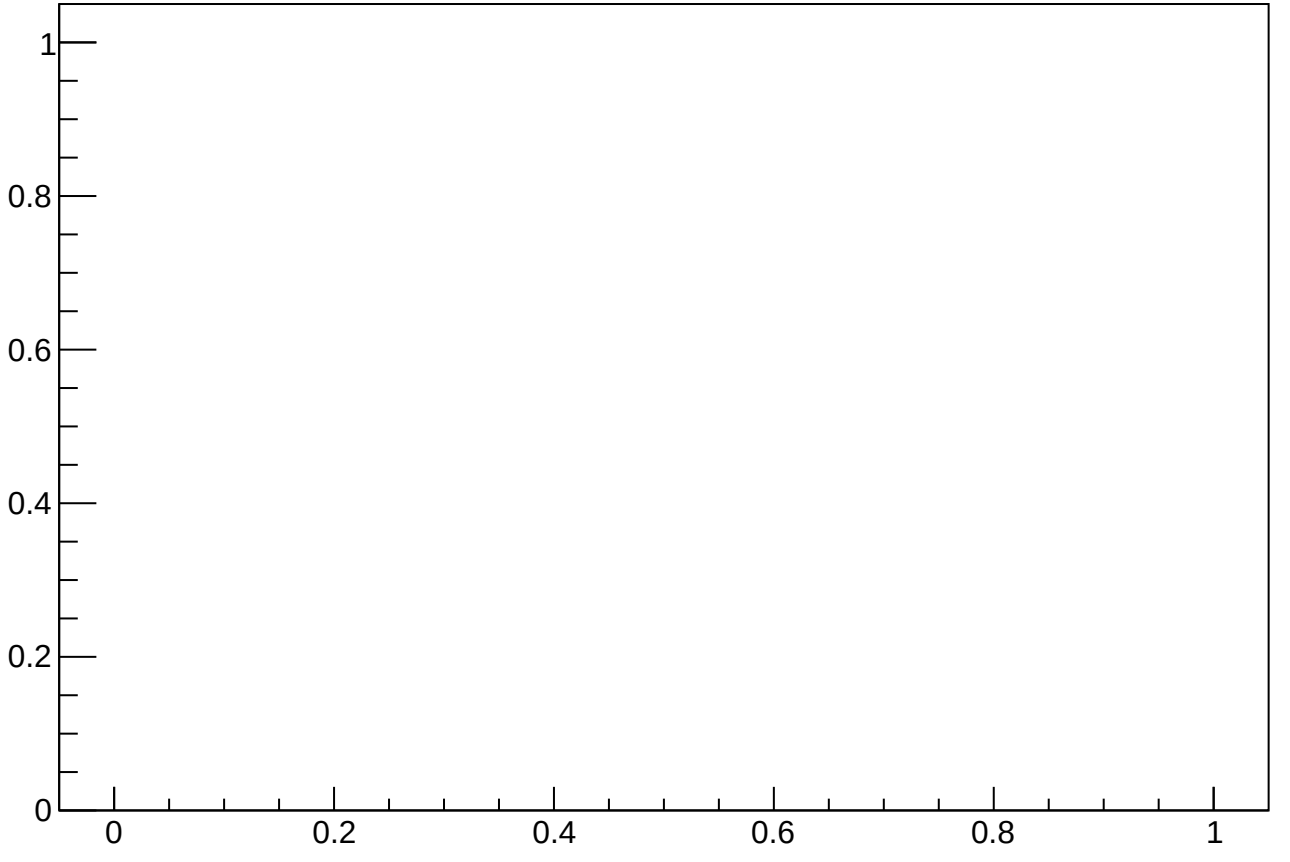
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

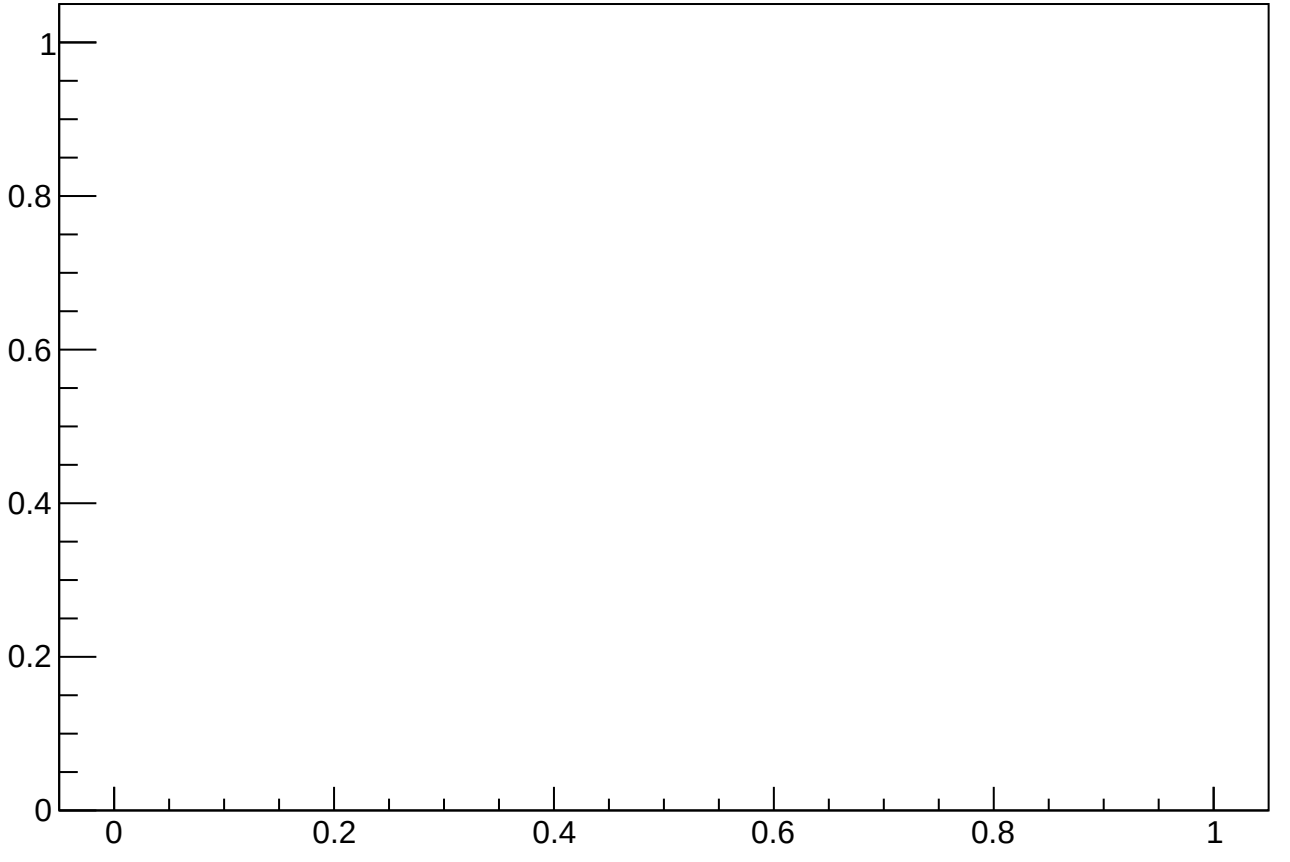
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

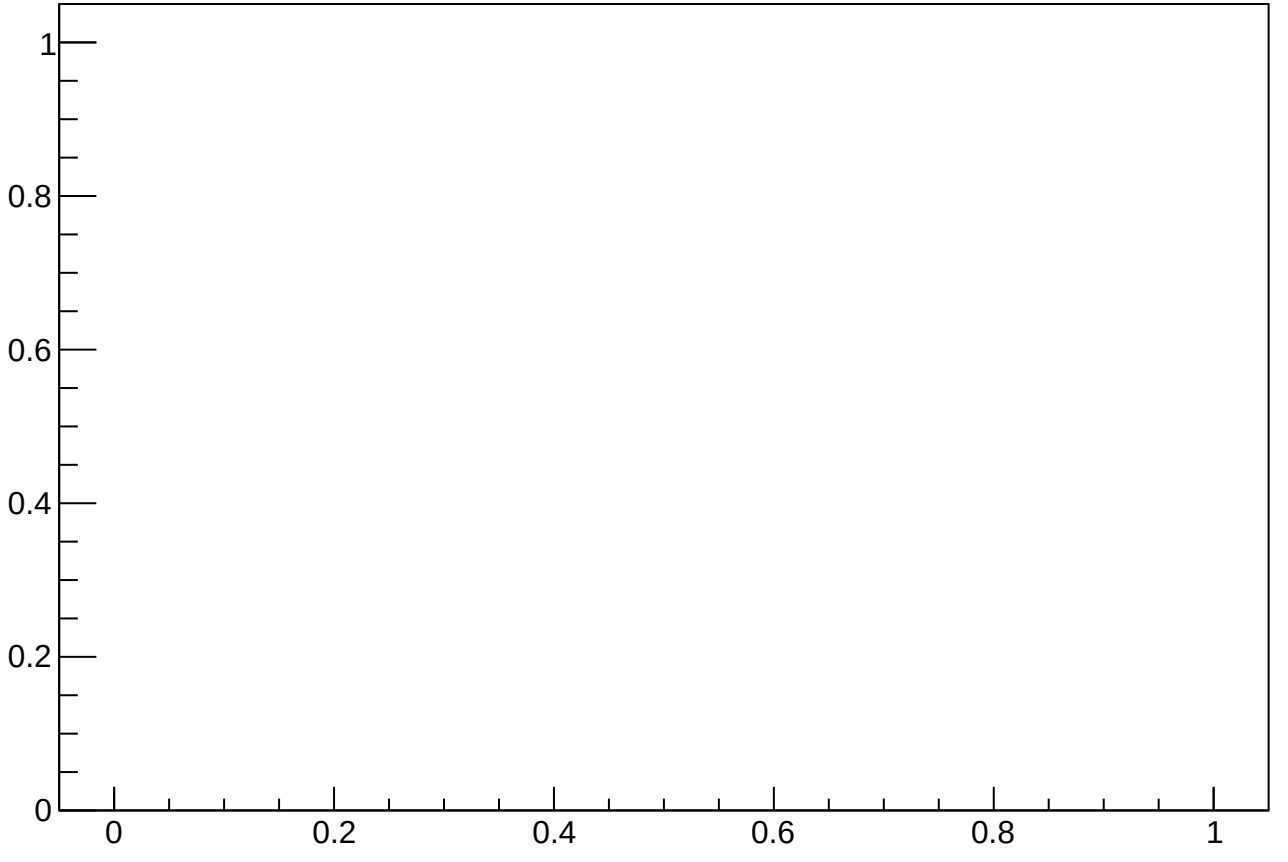
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

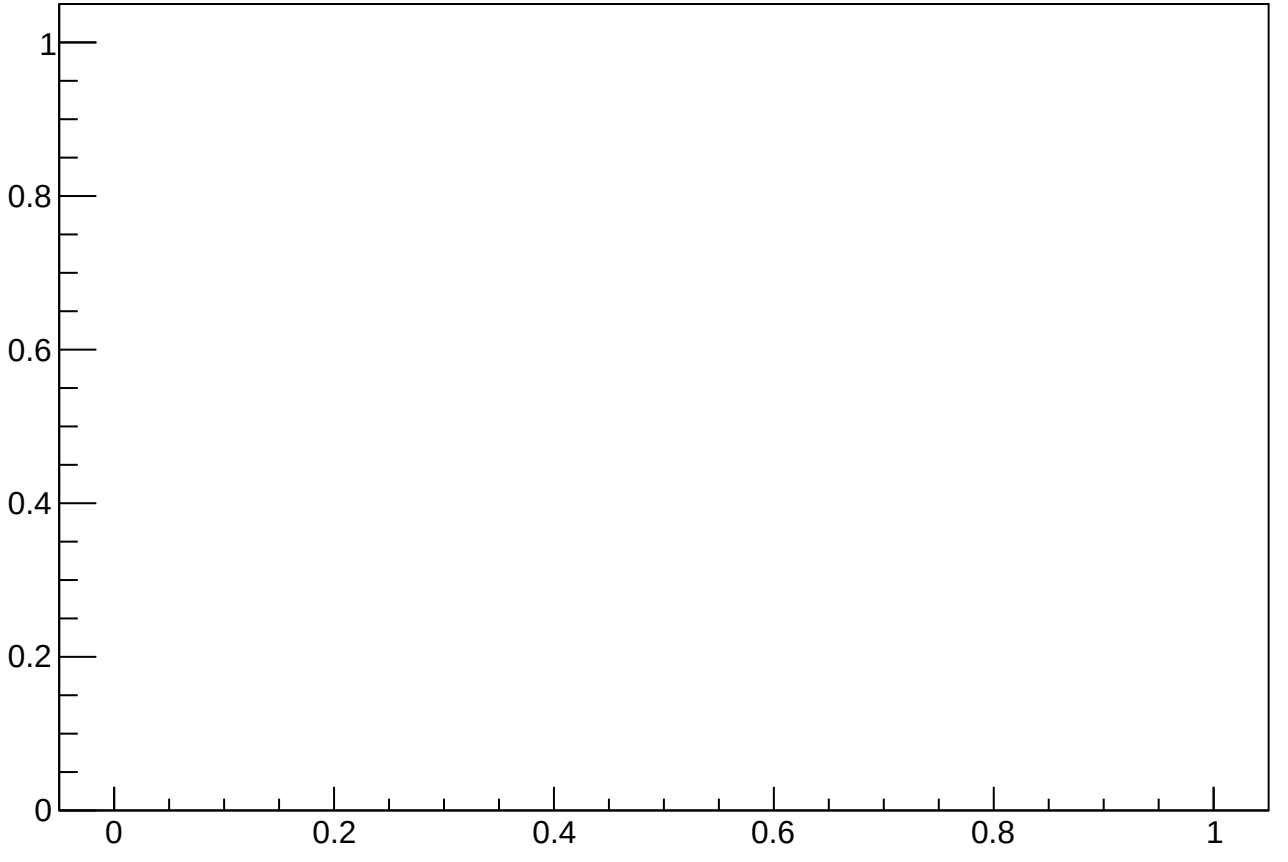
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

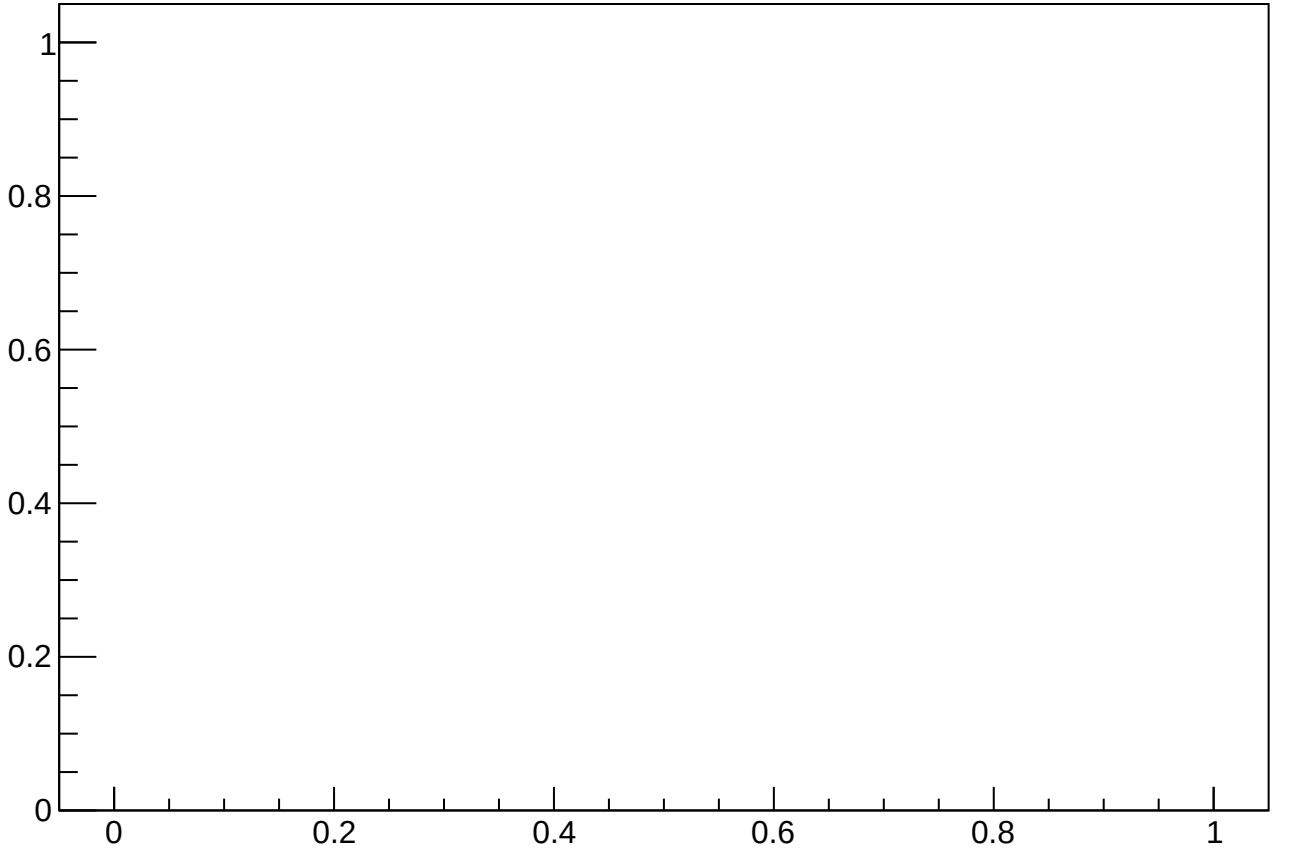
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

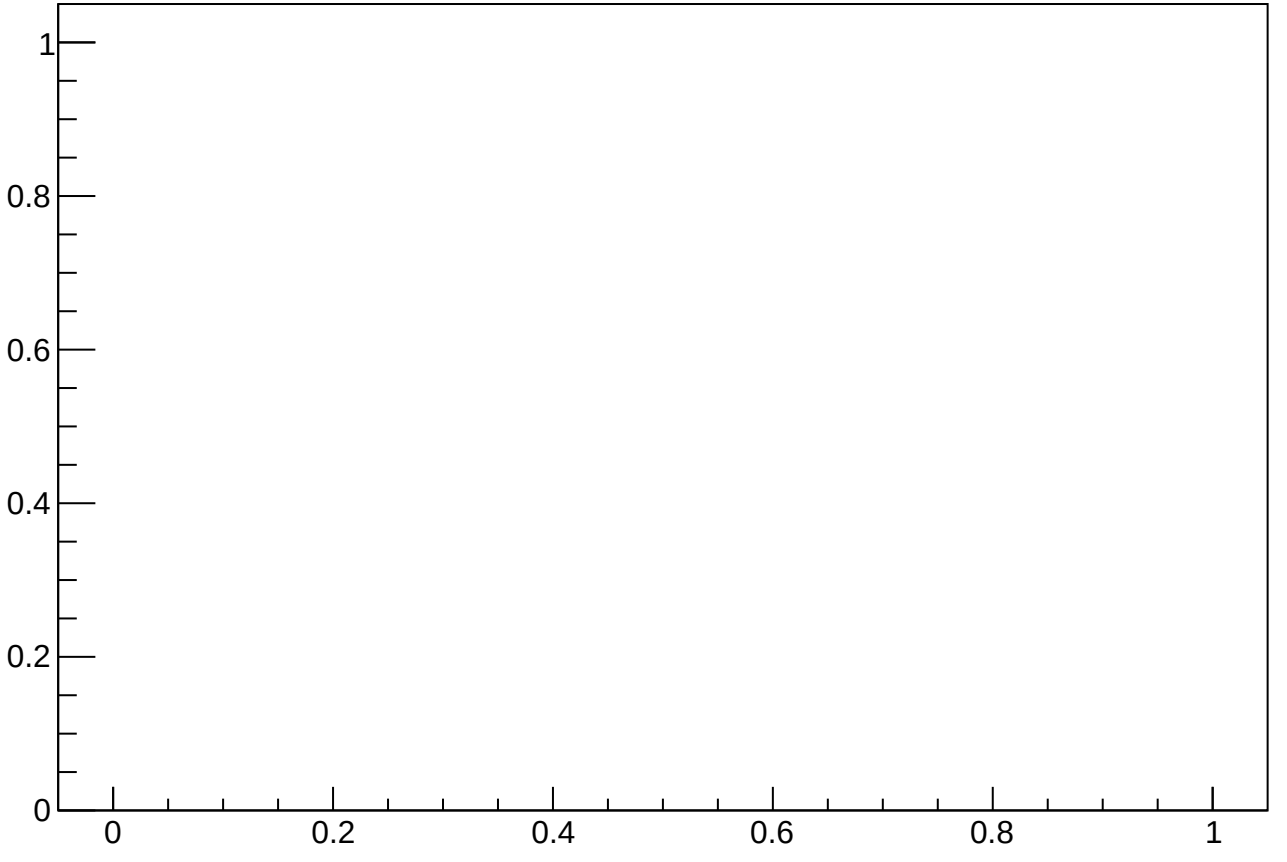
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

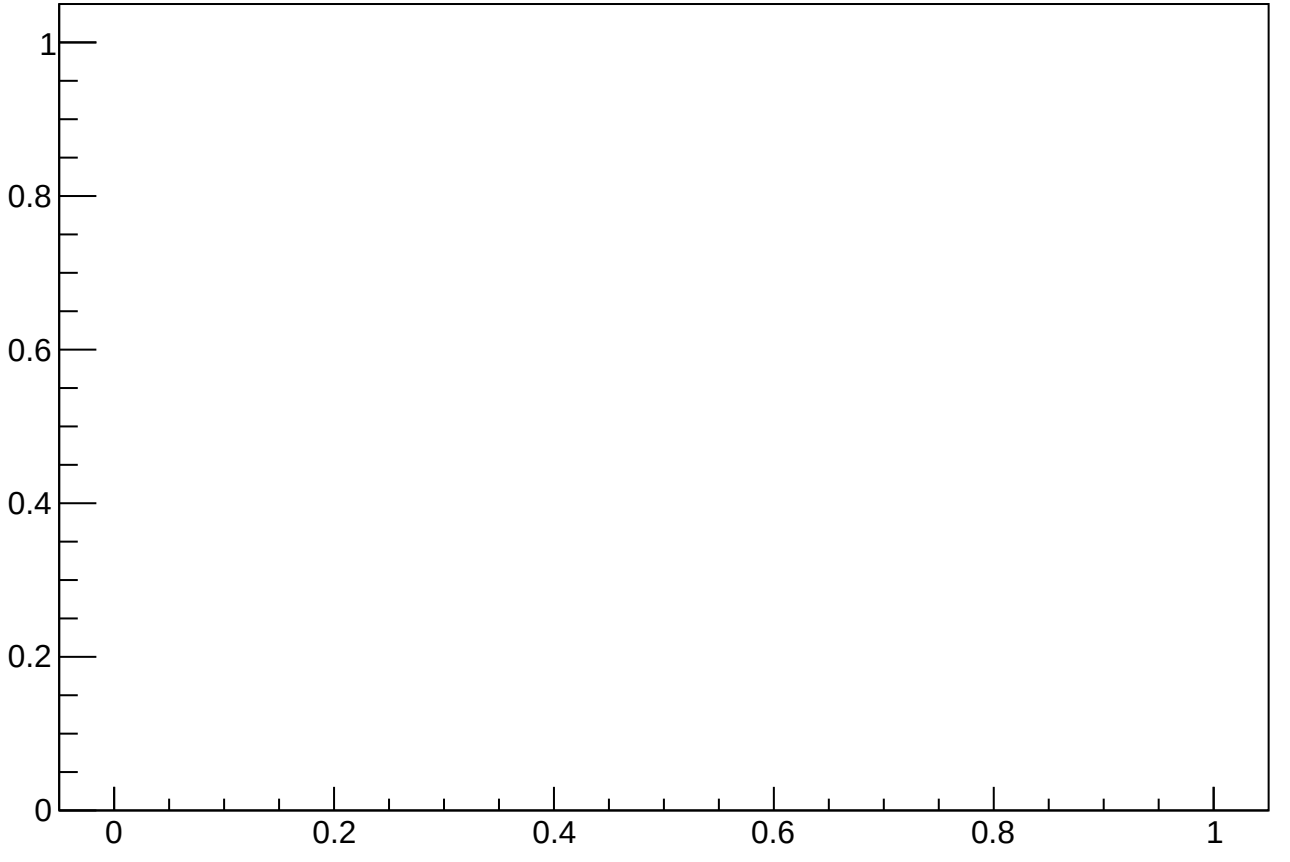
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

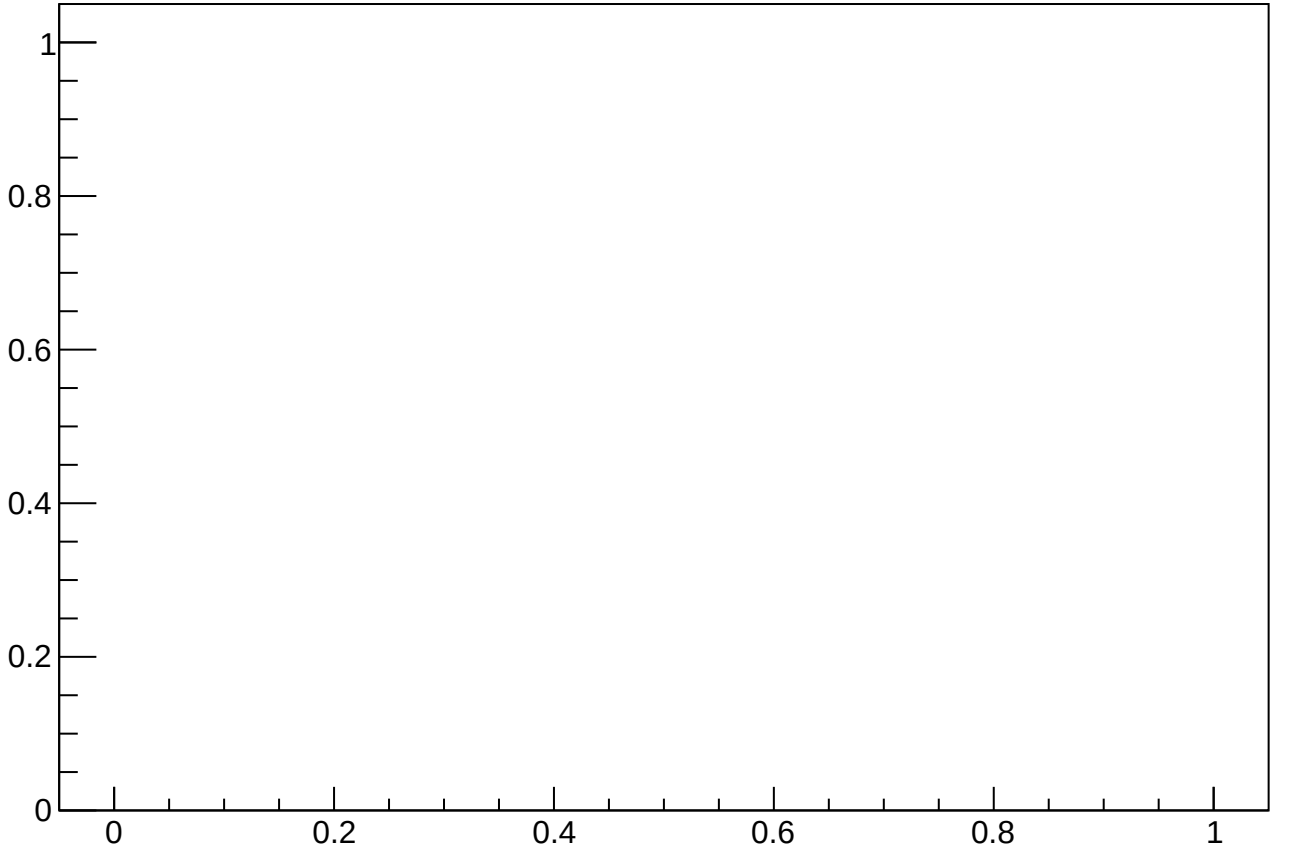
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

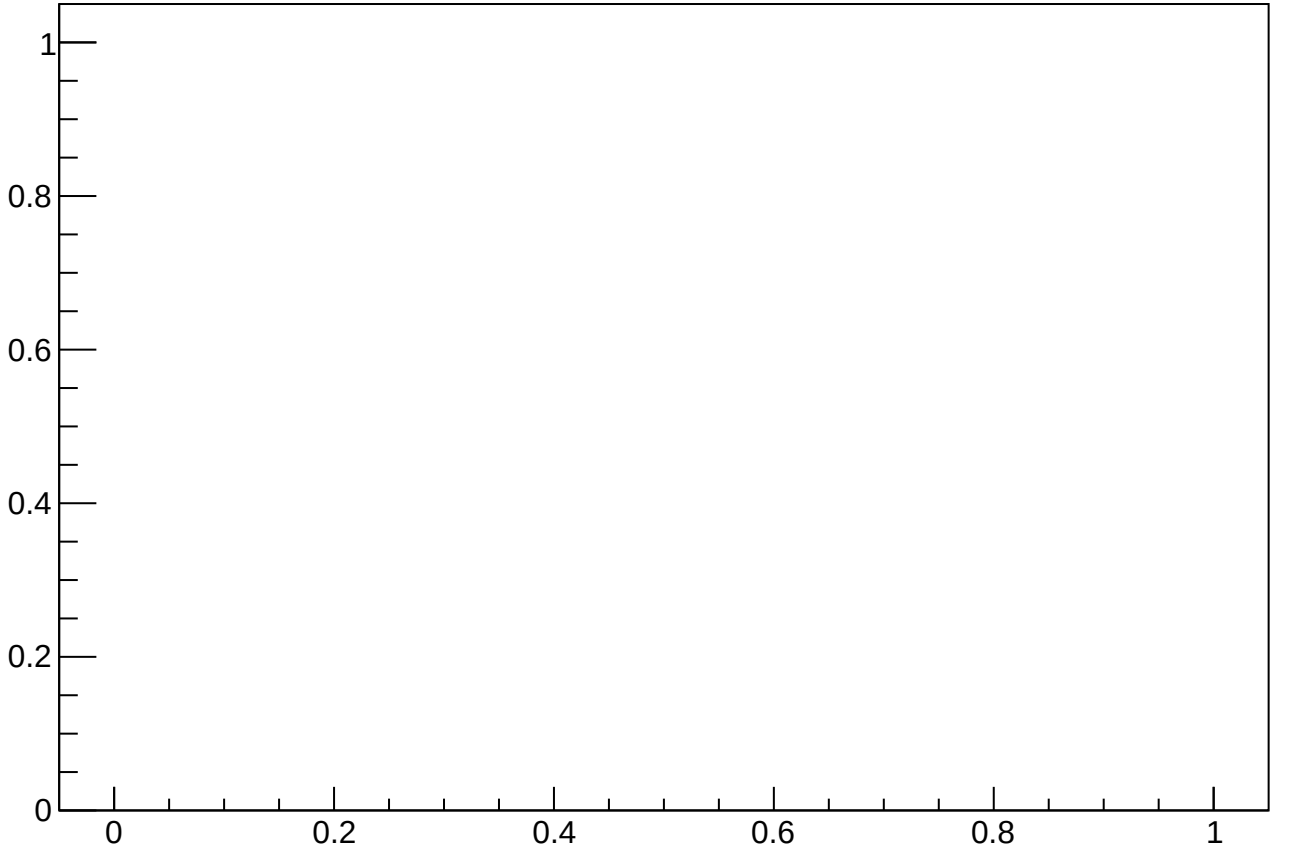
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

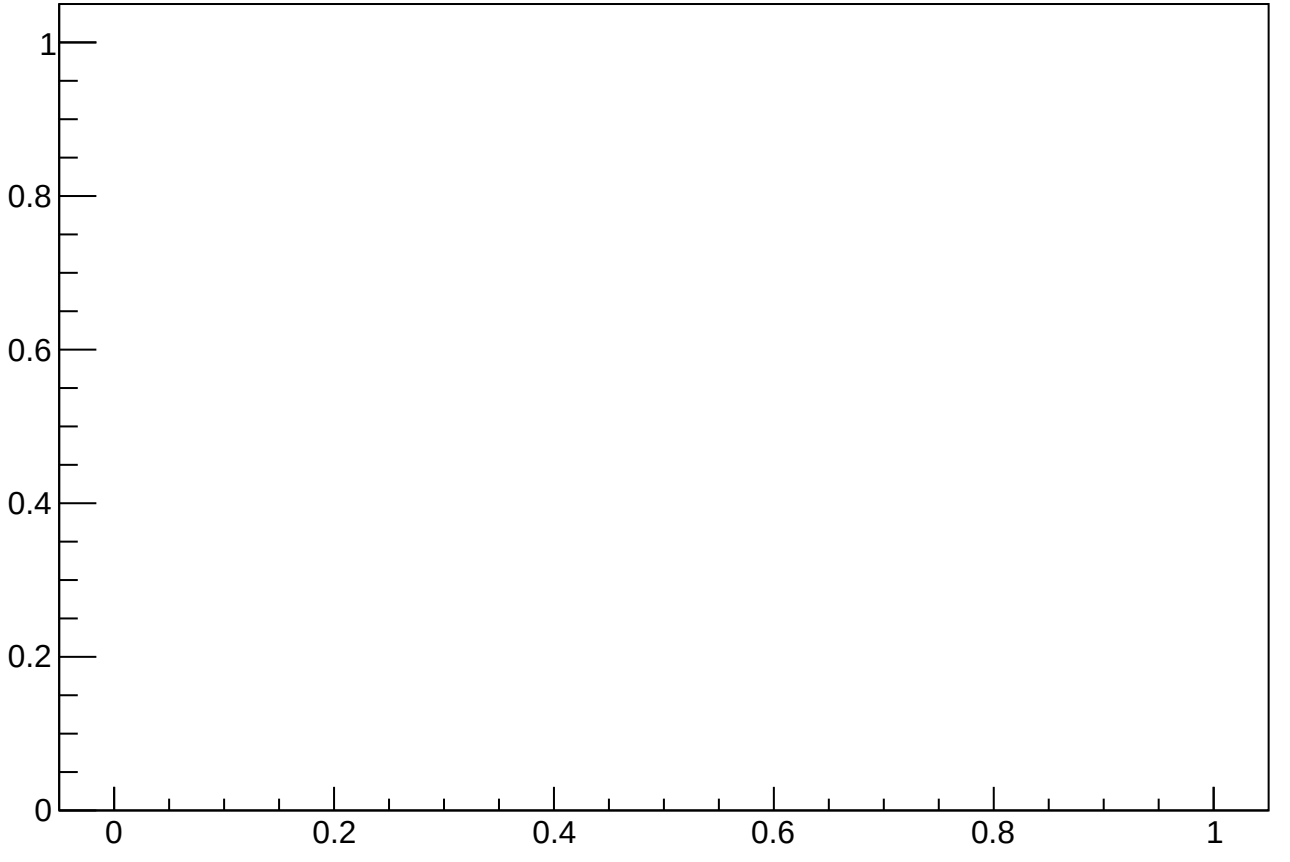
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

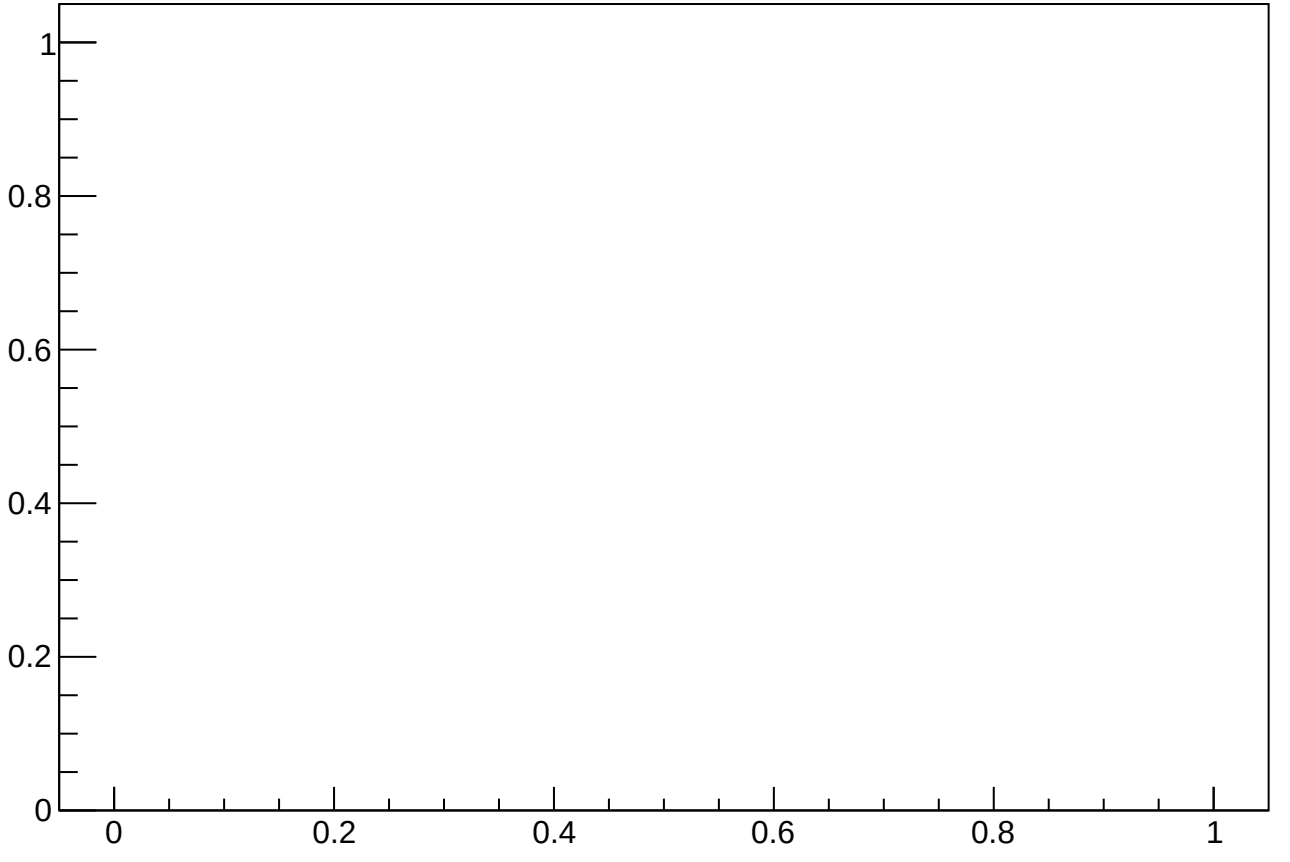
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

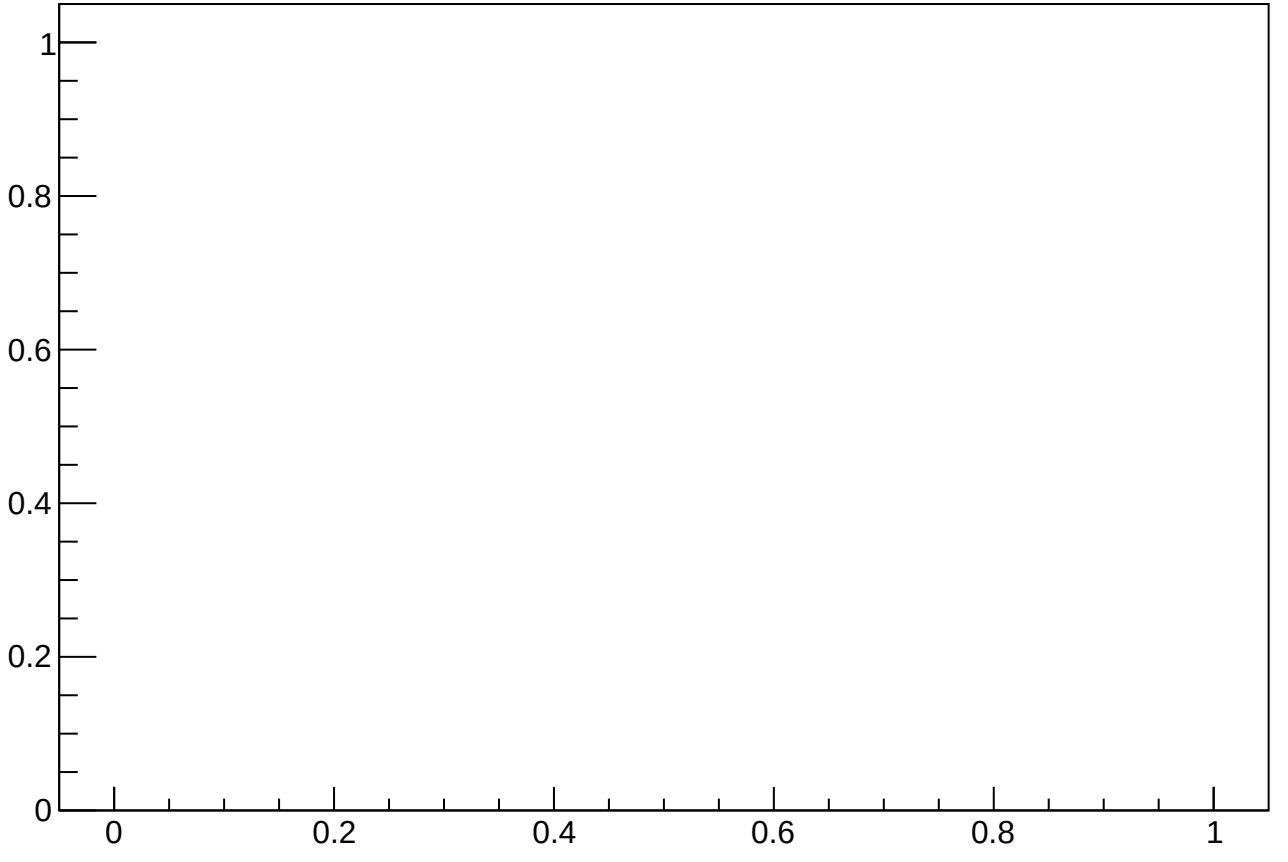
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

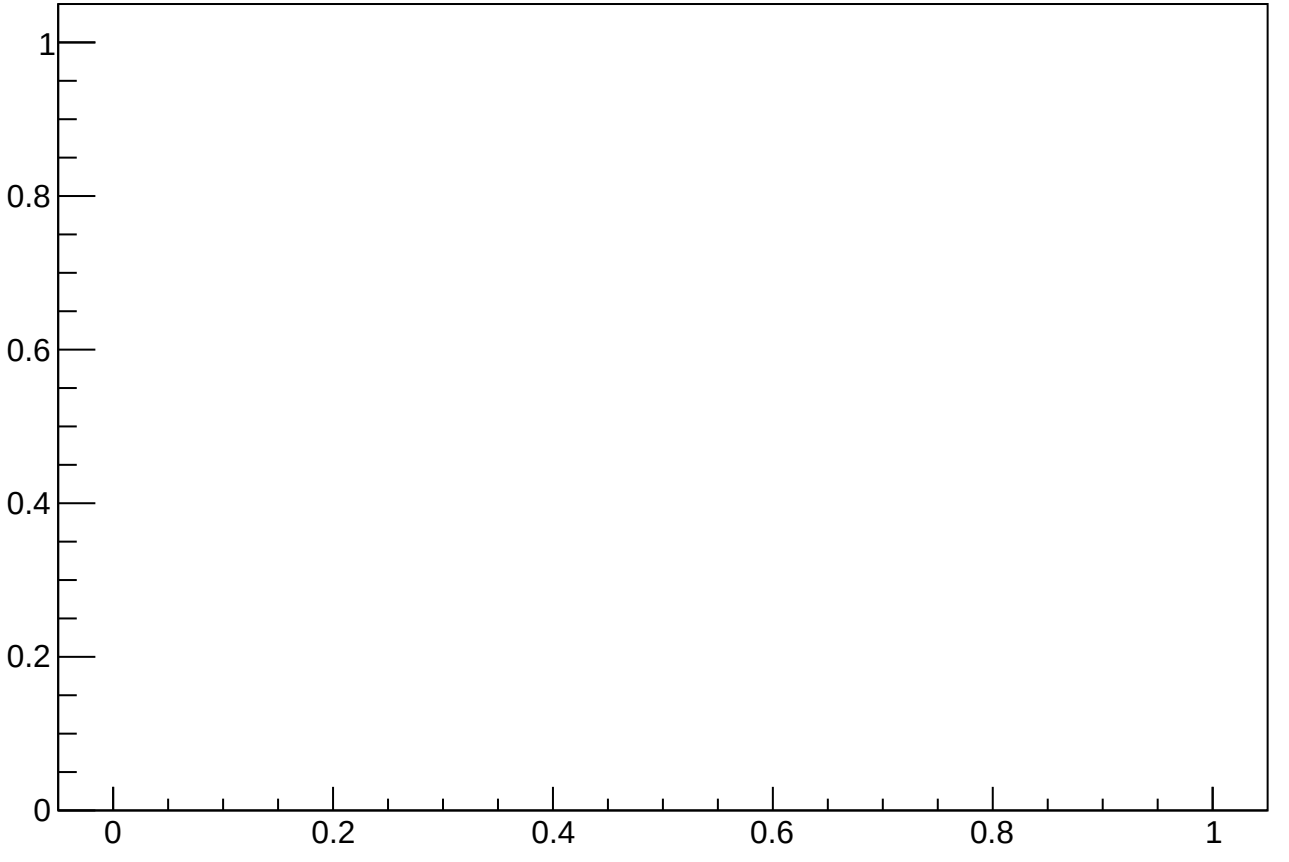
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil4_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

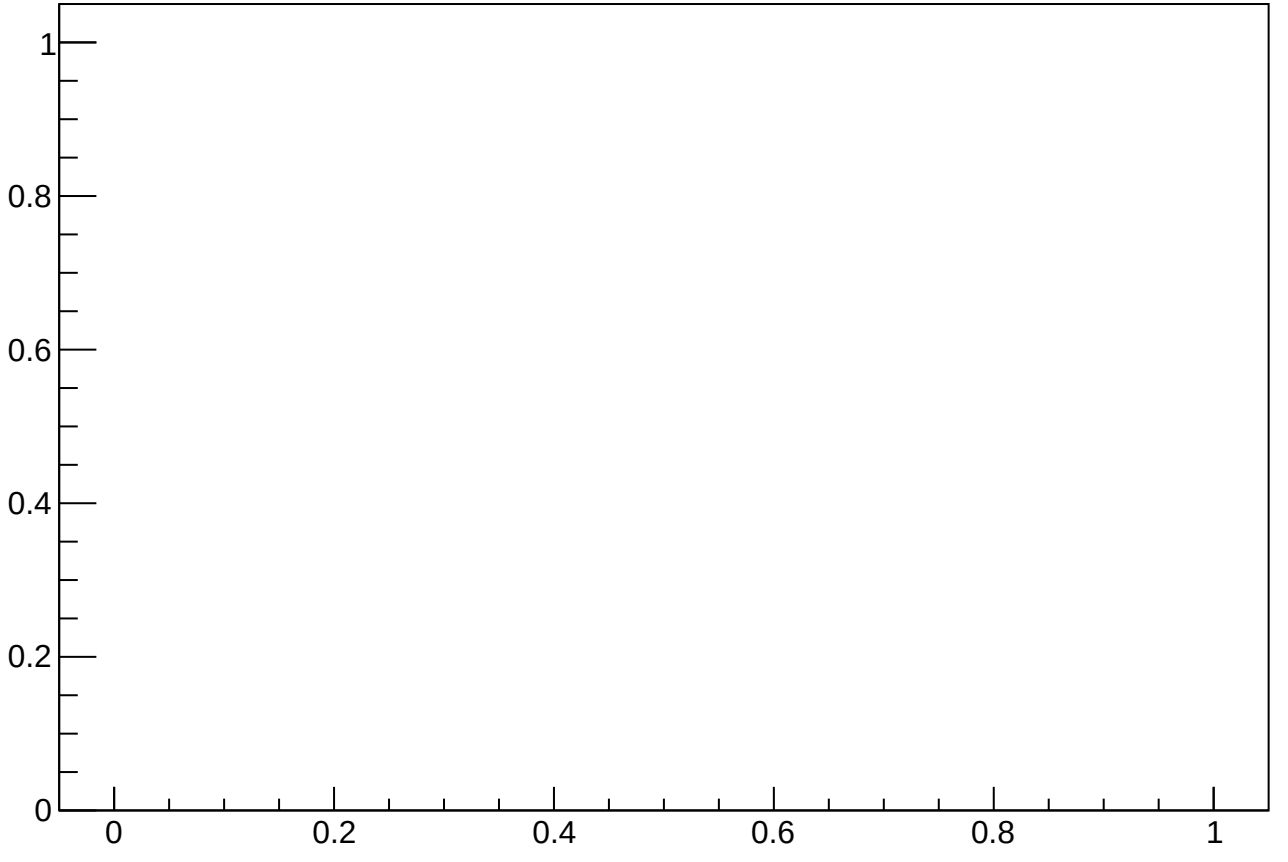
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil4_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

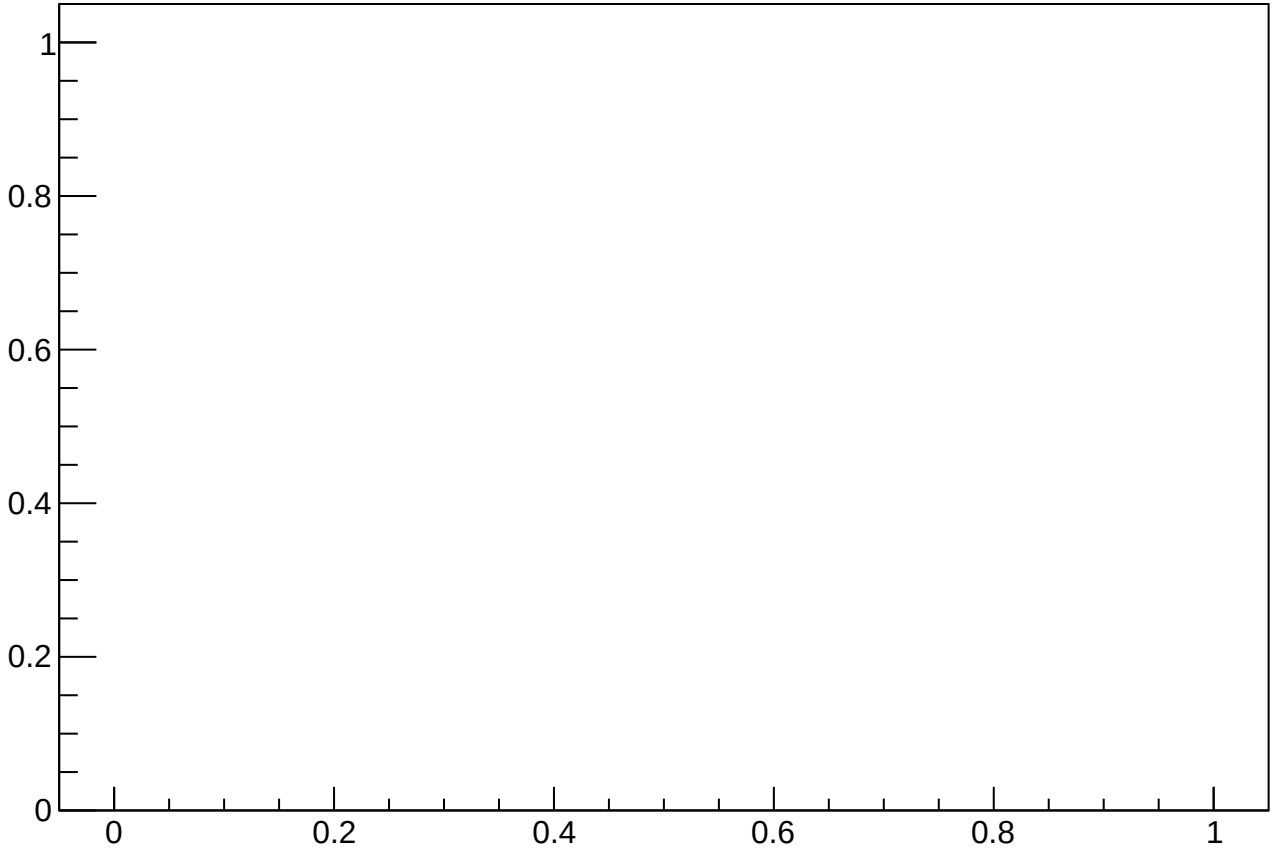
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil4_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

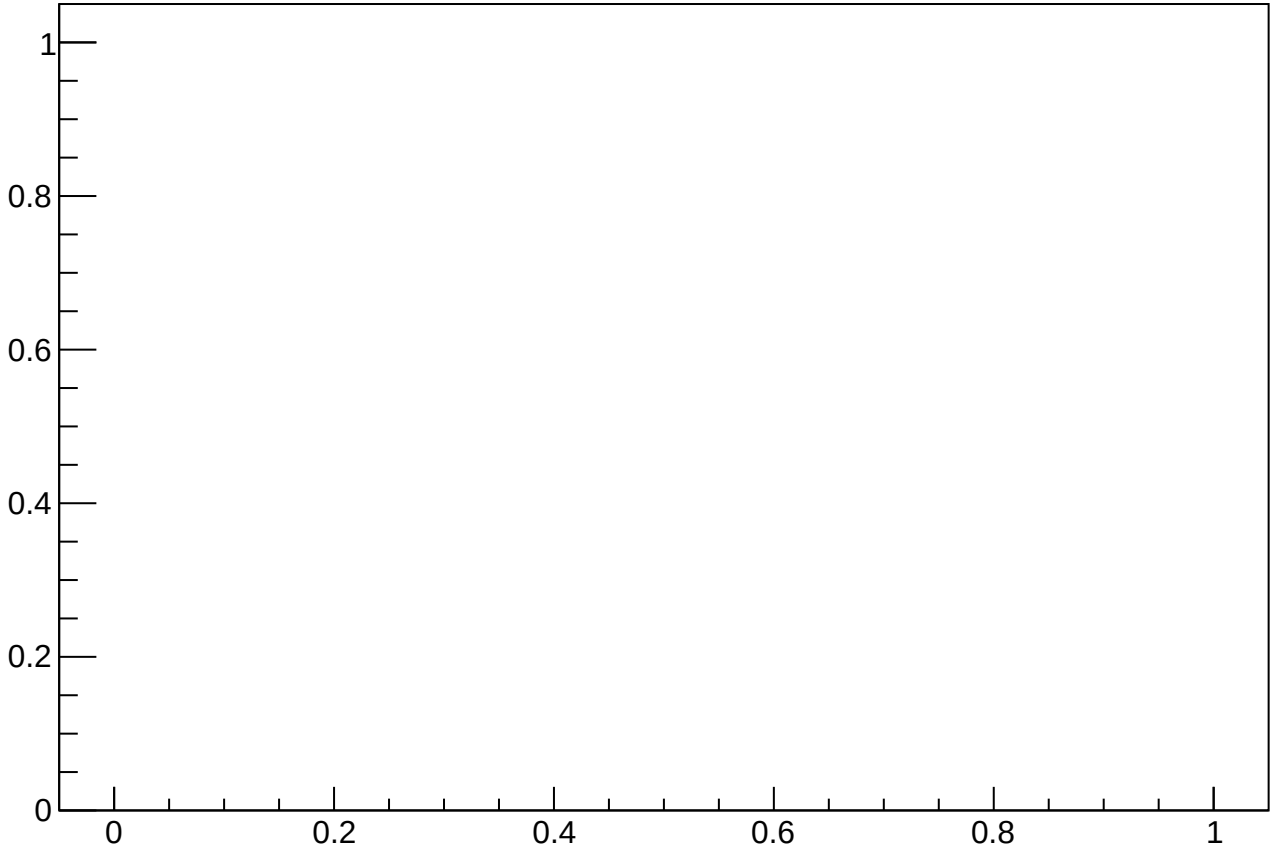
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

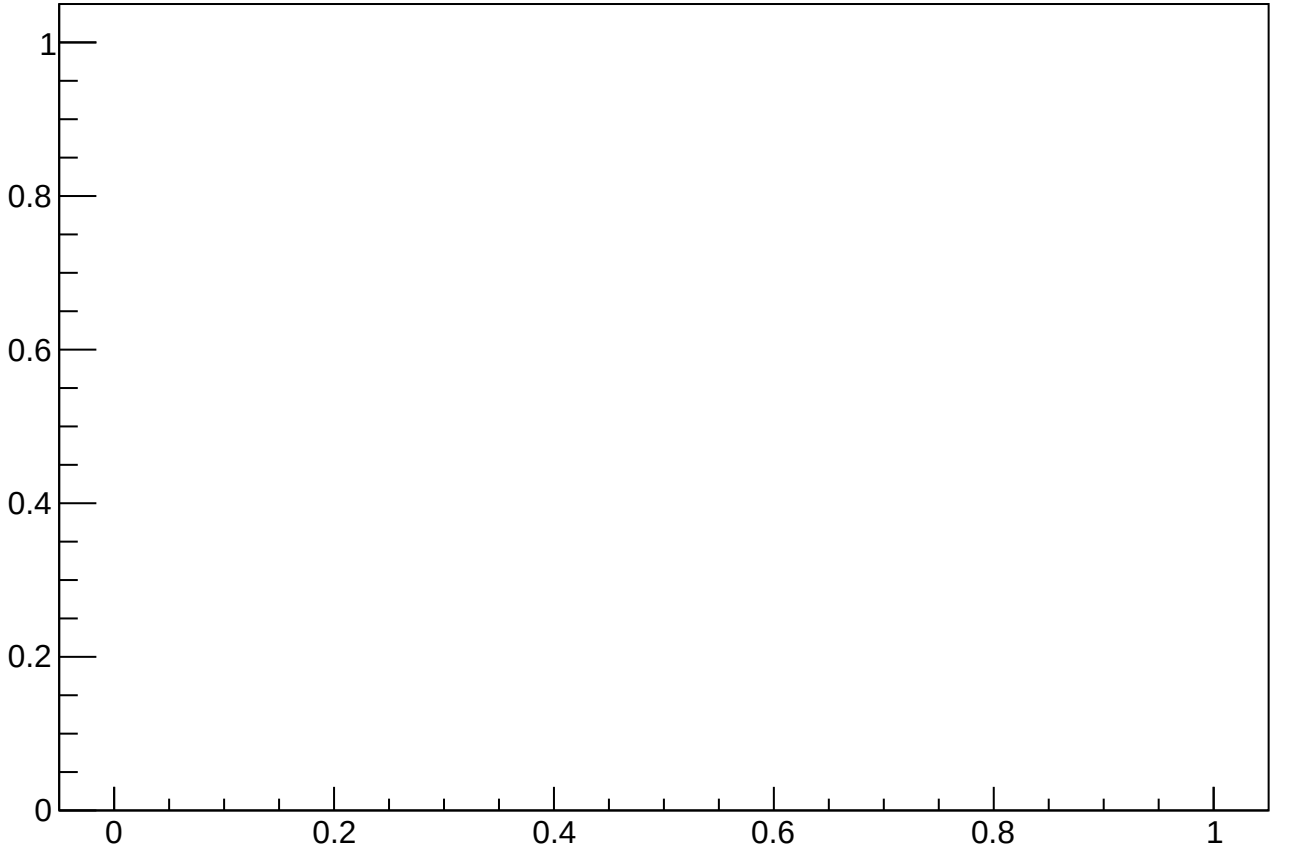
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

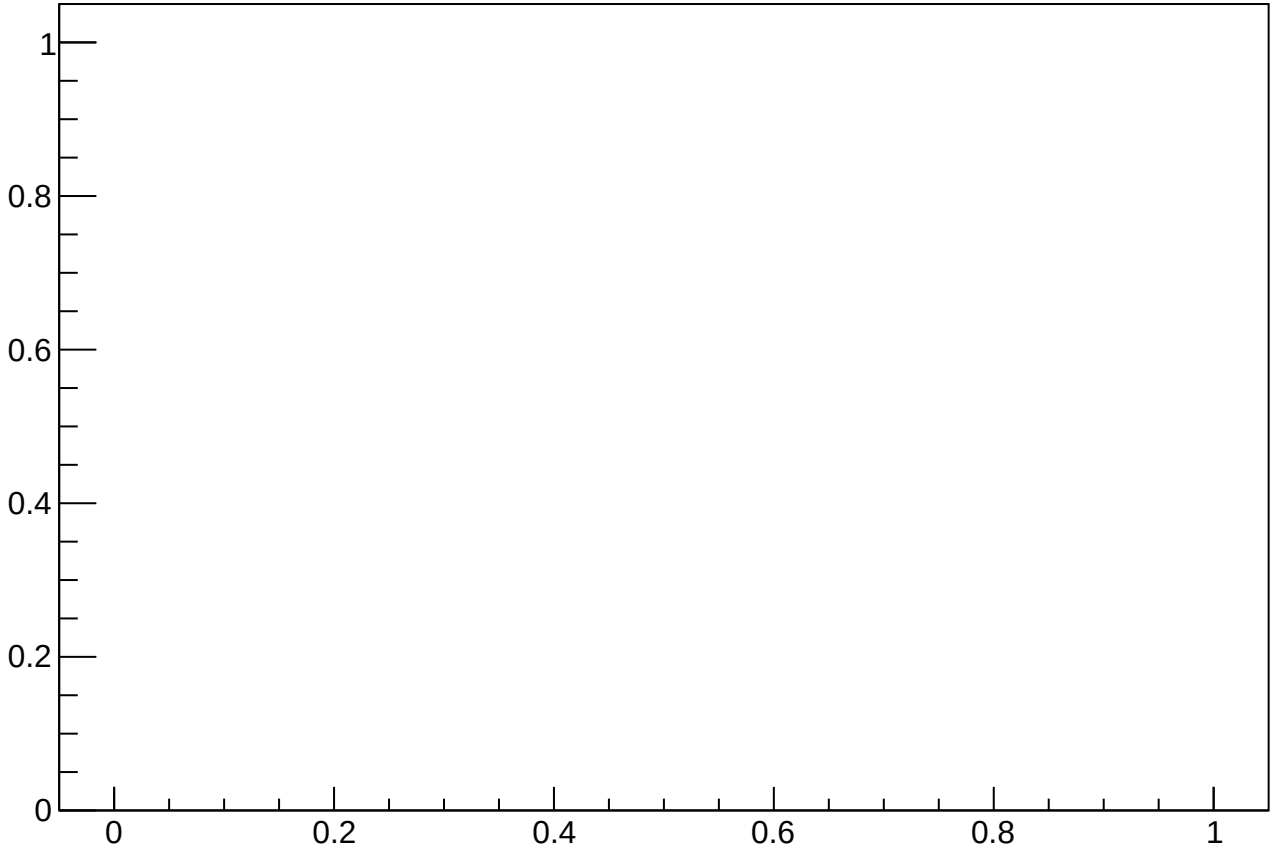
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aX_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

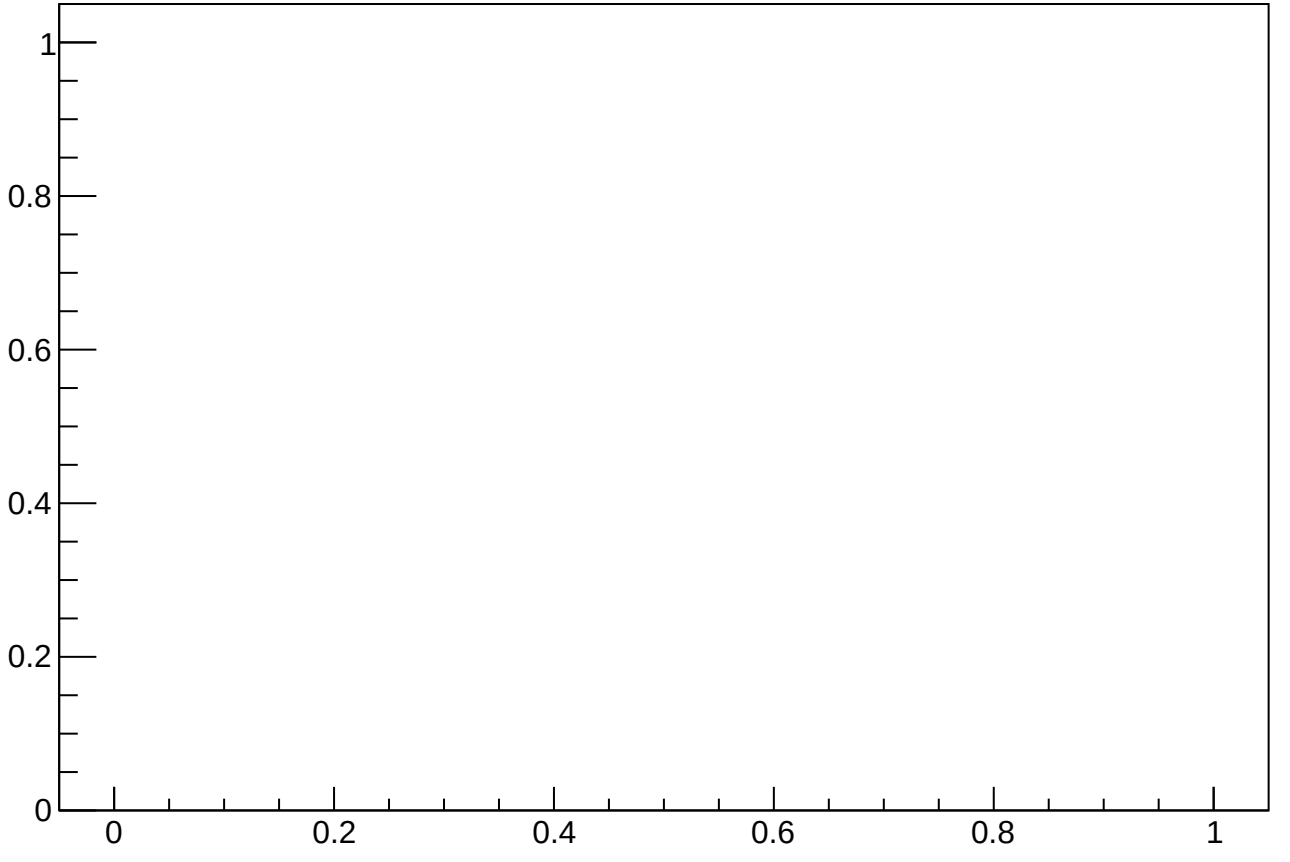
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

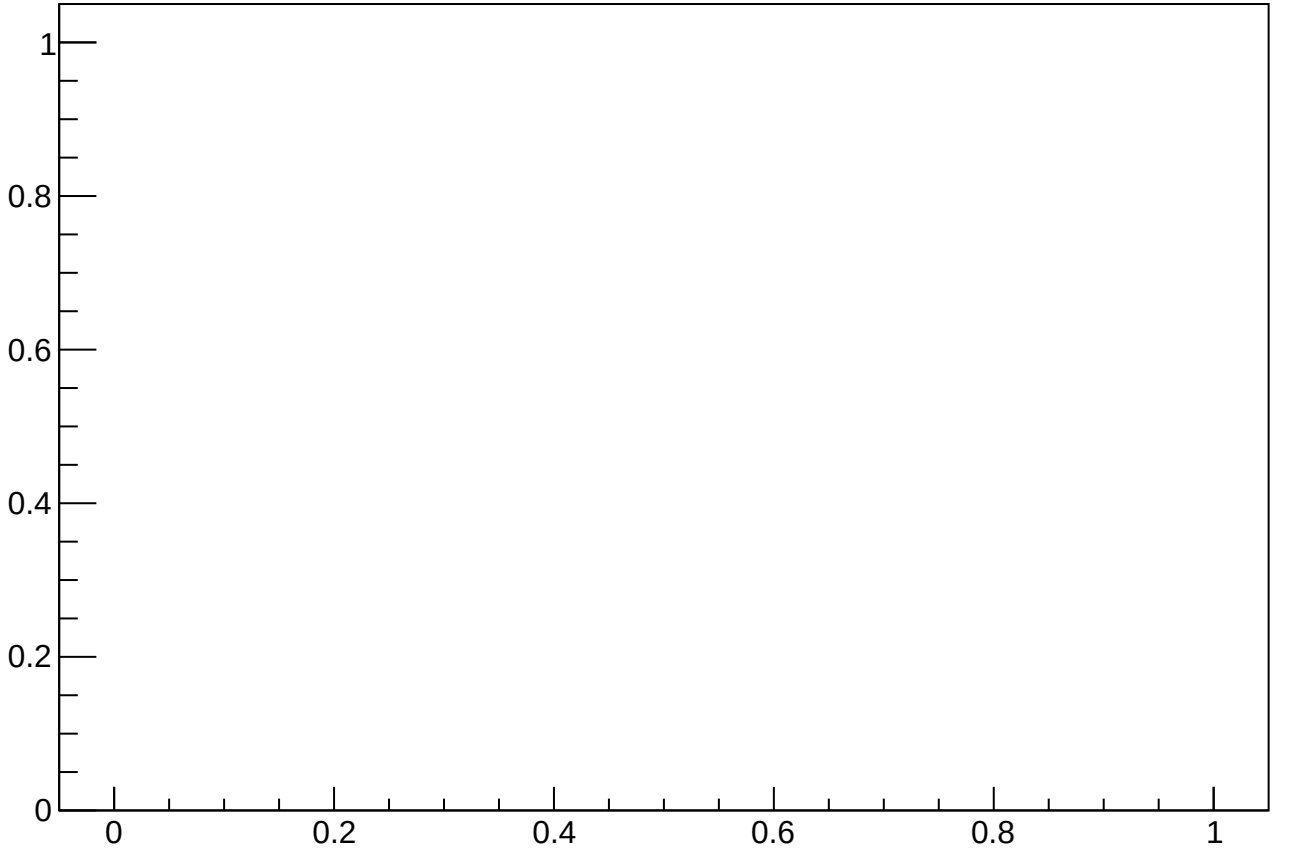
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

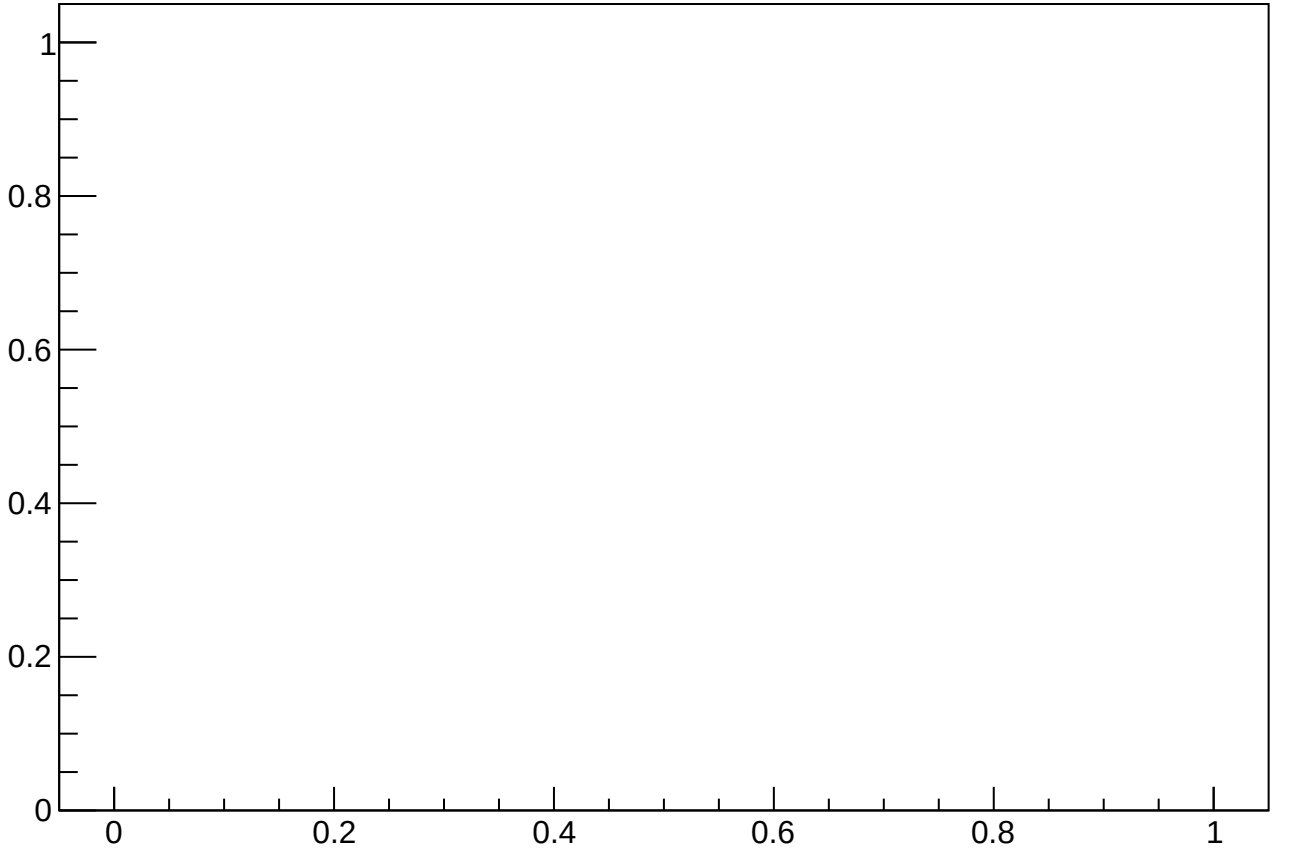
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eX_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

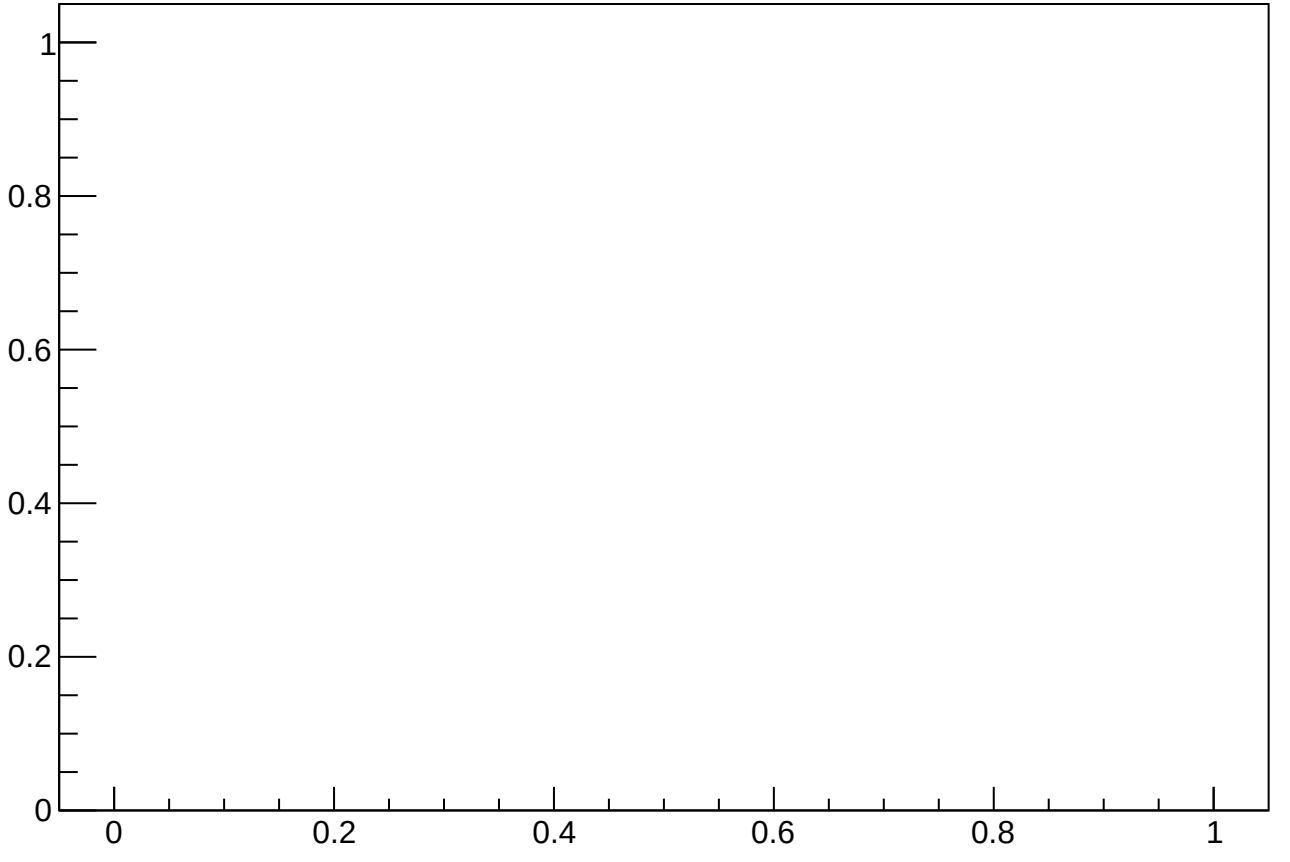
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

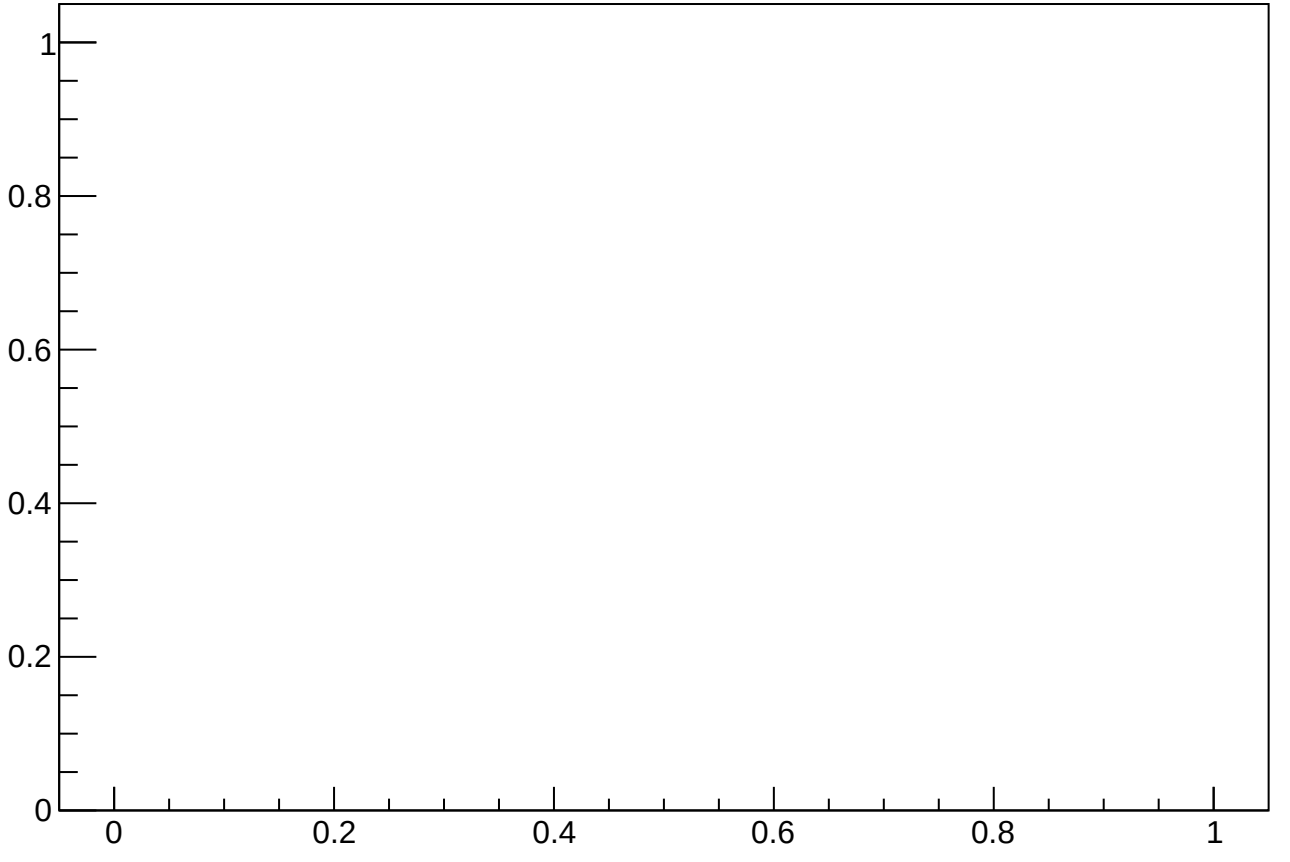
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

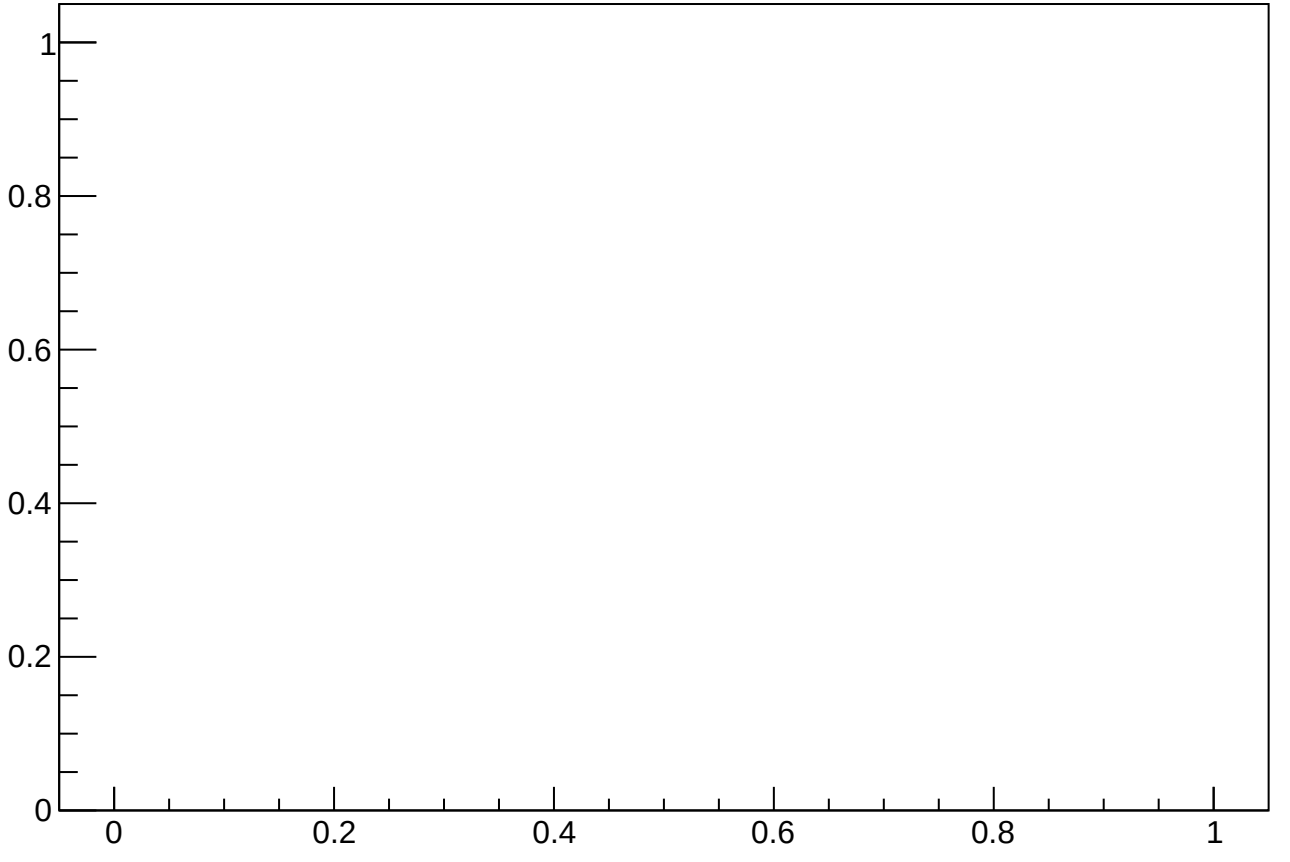
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_11X12X_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

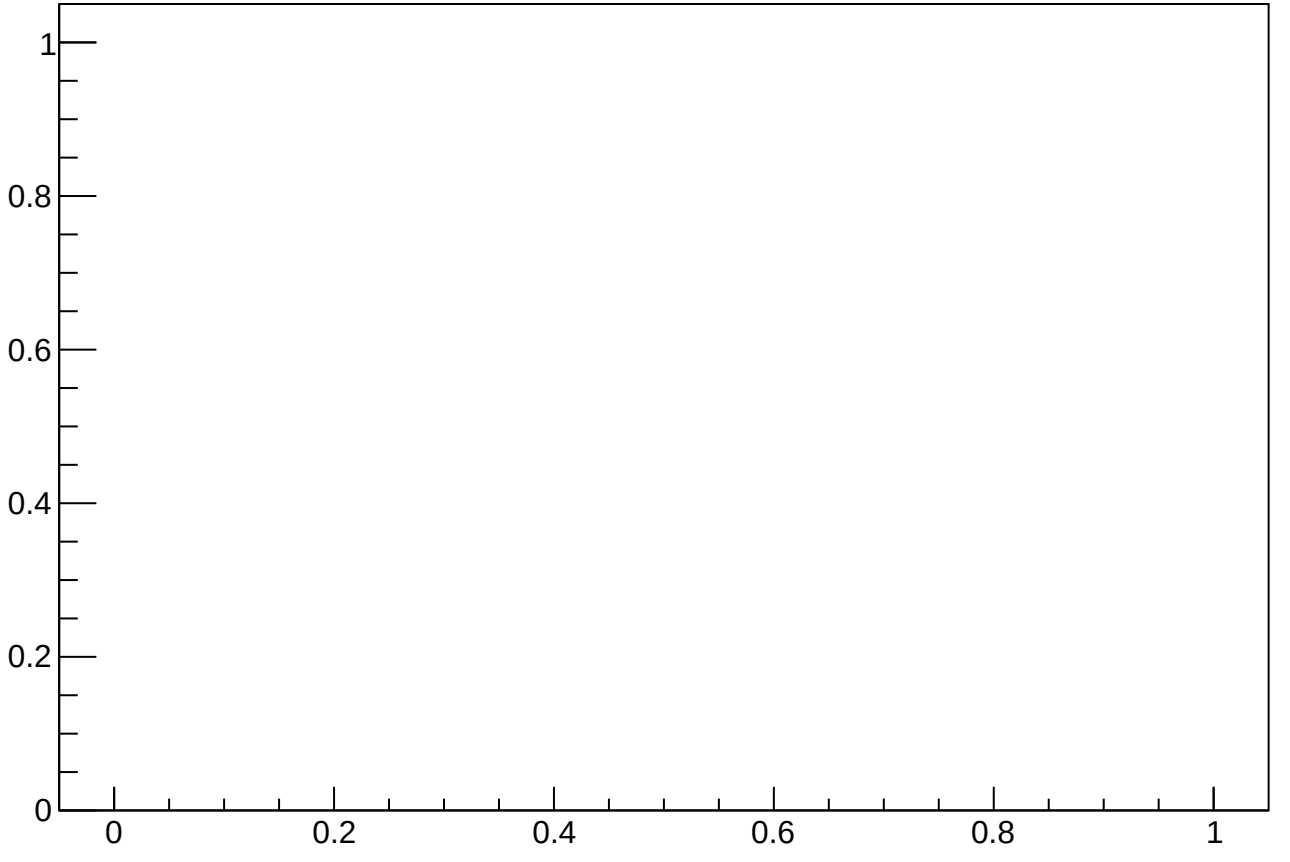
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

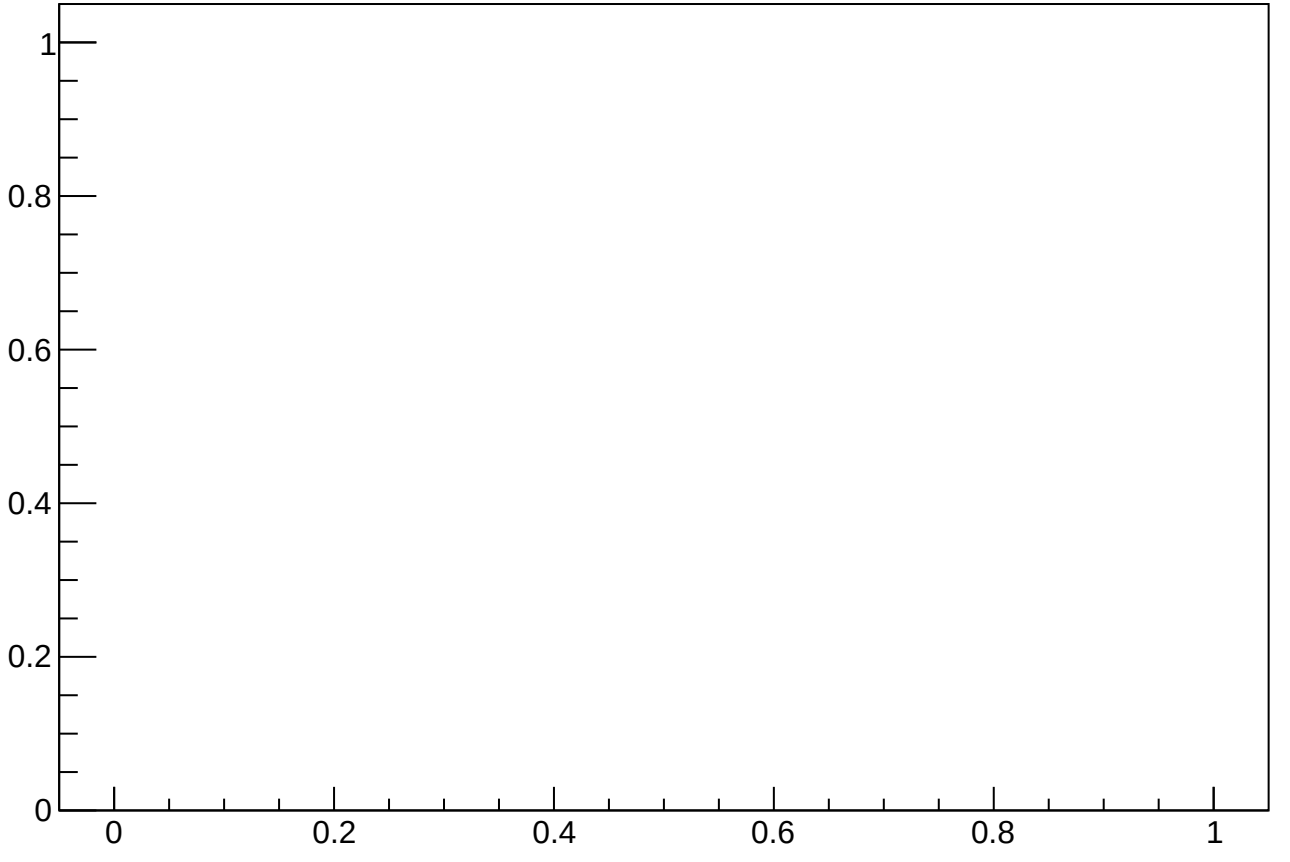
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

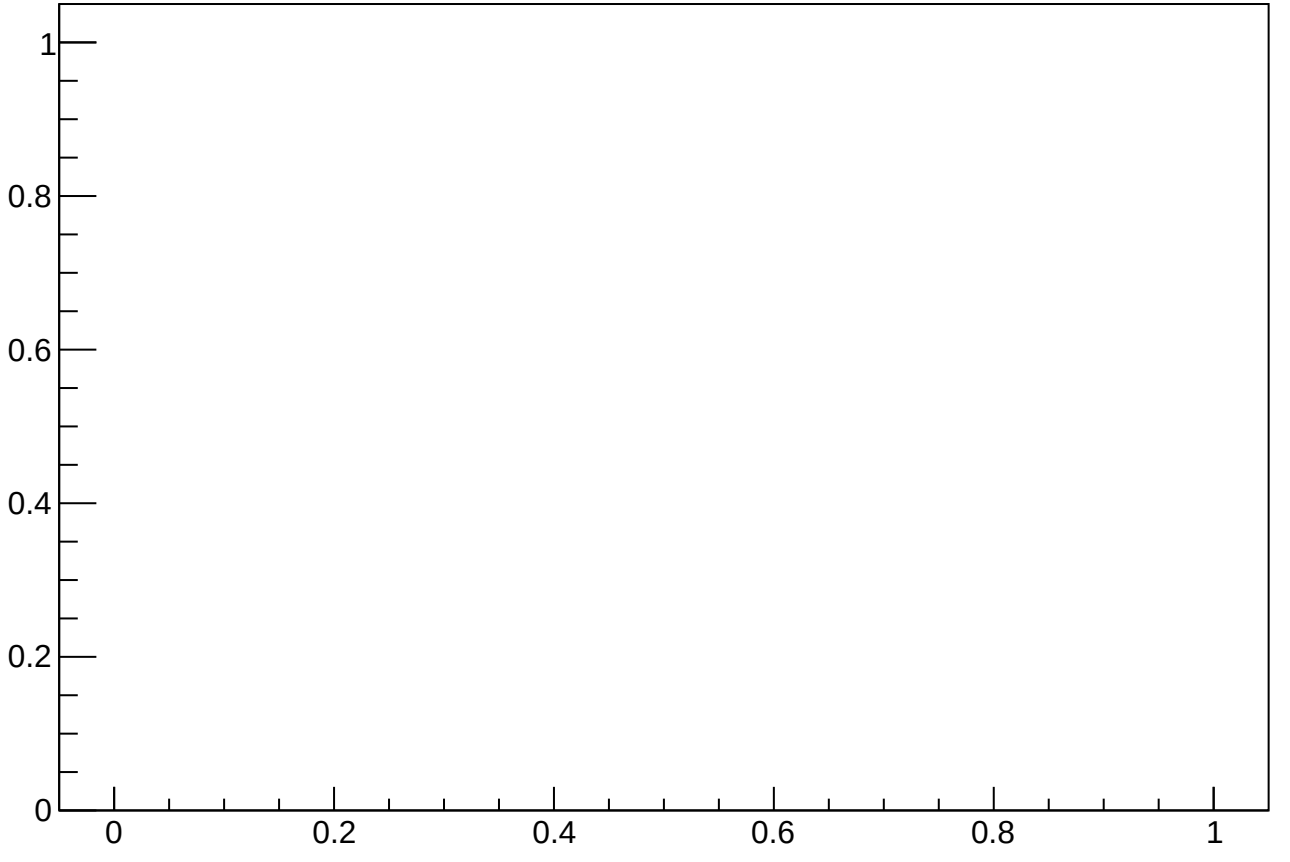
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4aY_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

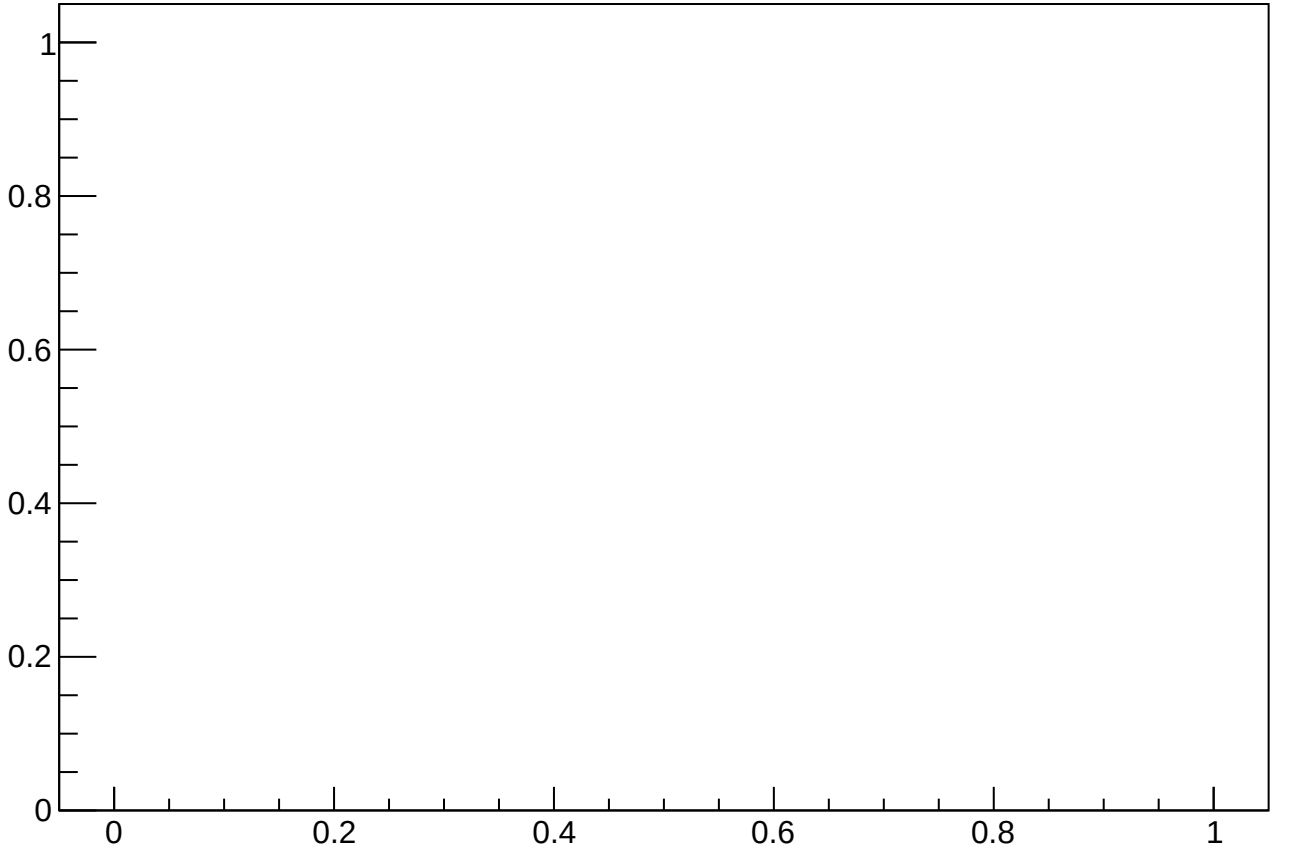
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

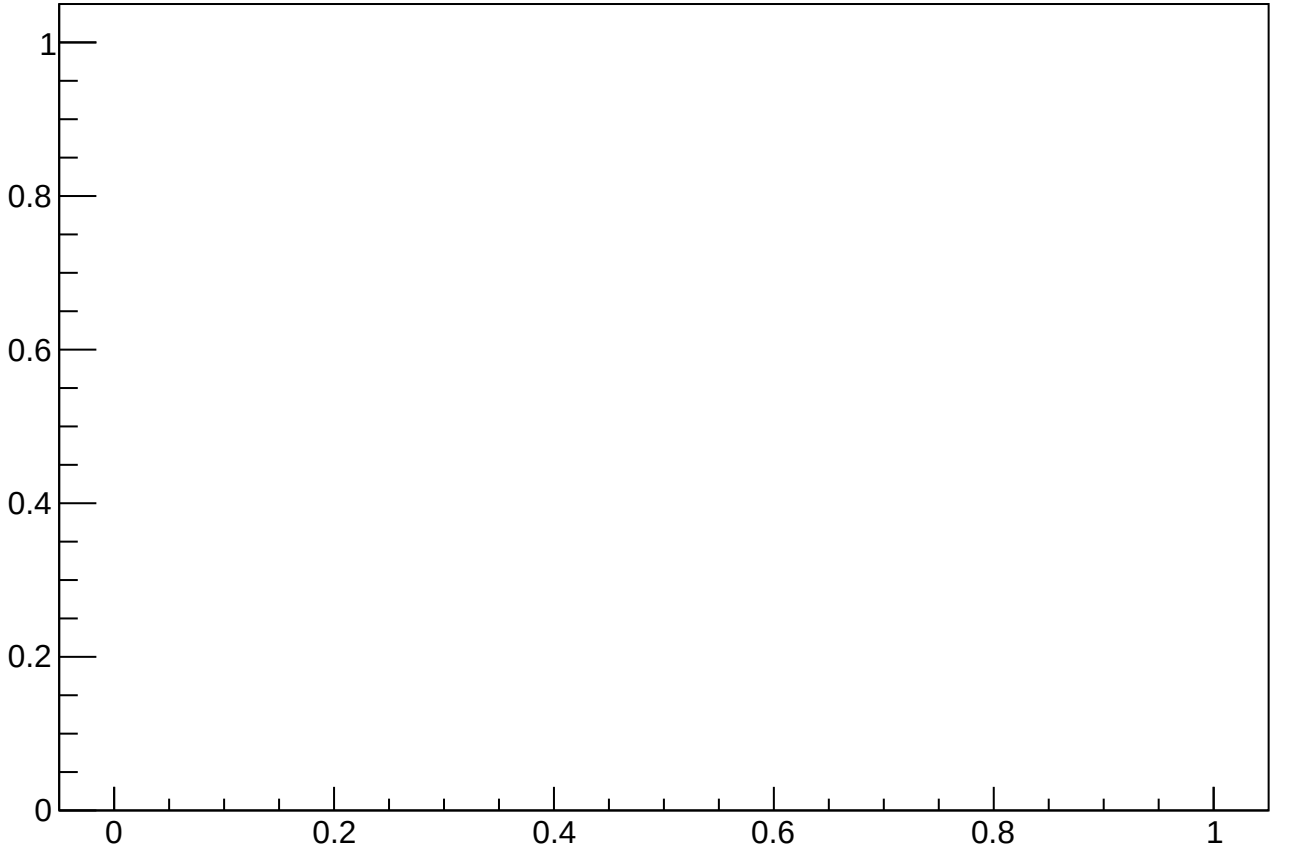
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

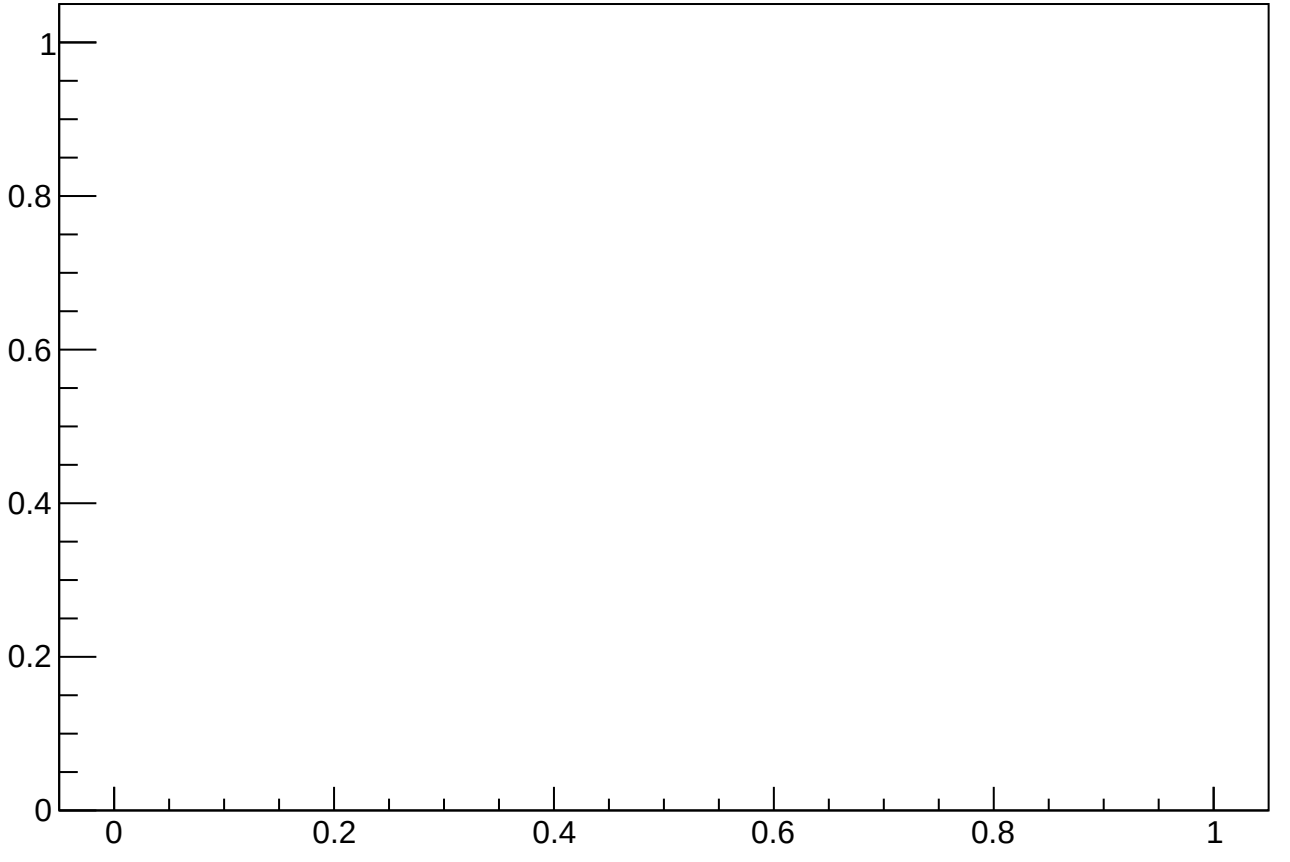
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_4eY_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

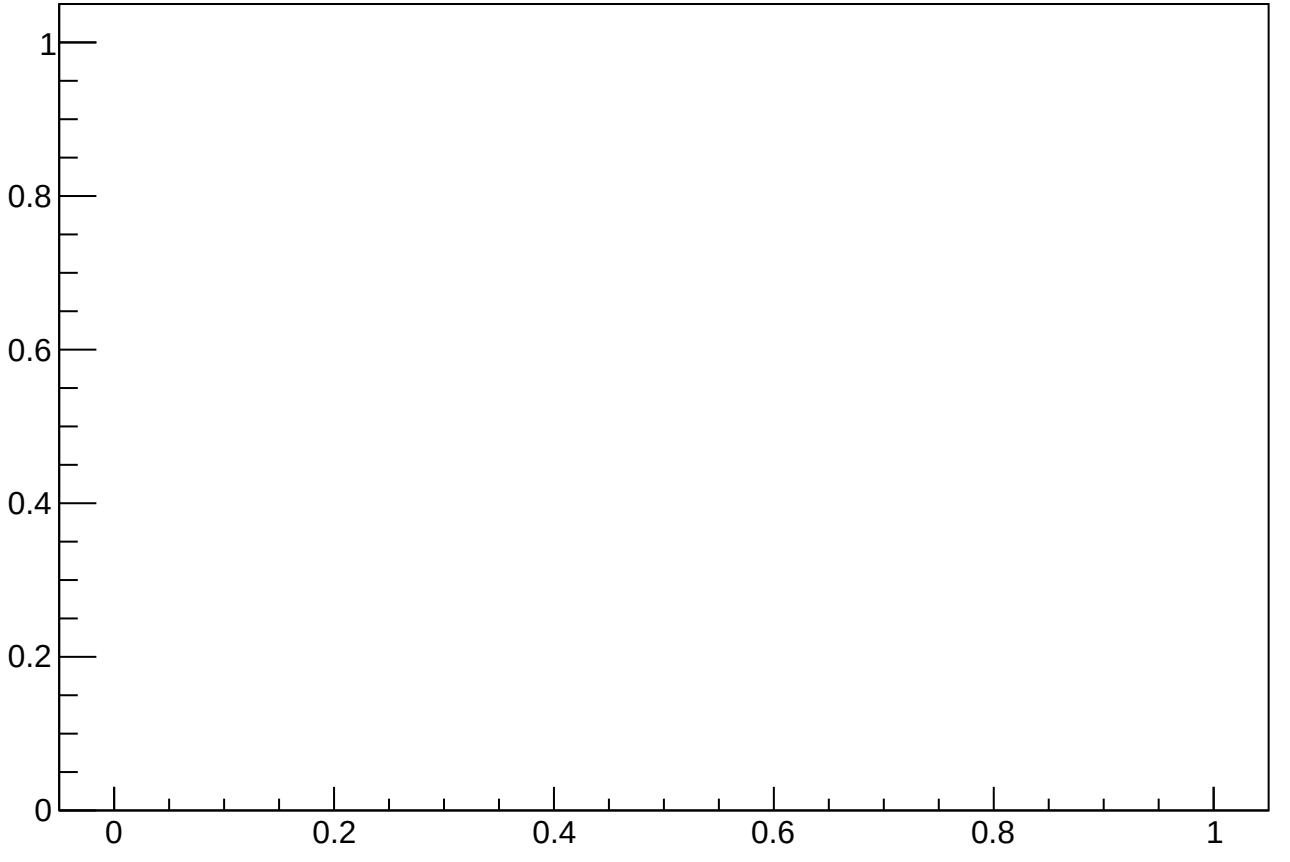
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

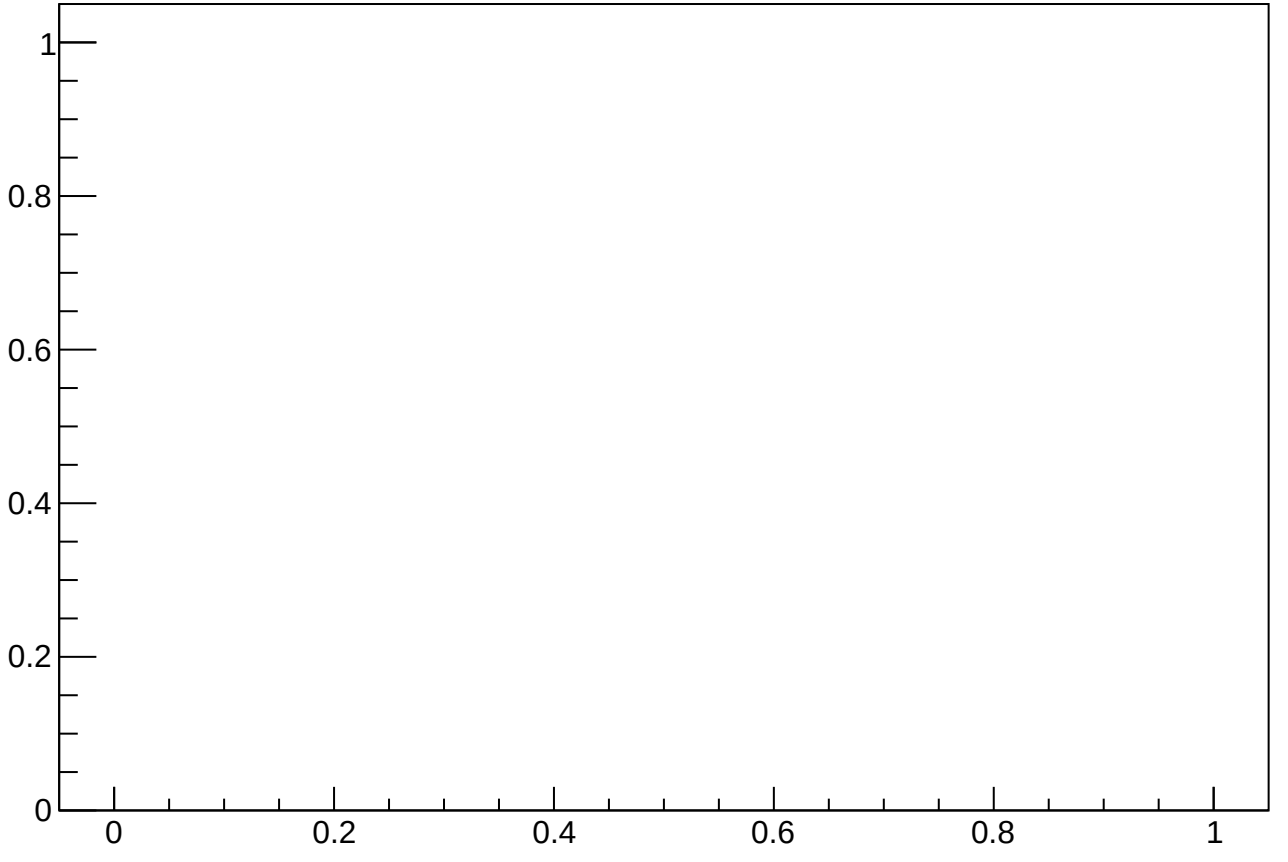
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

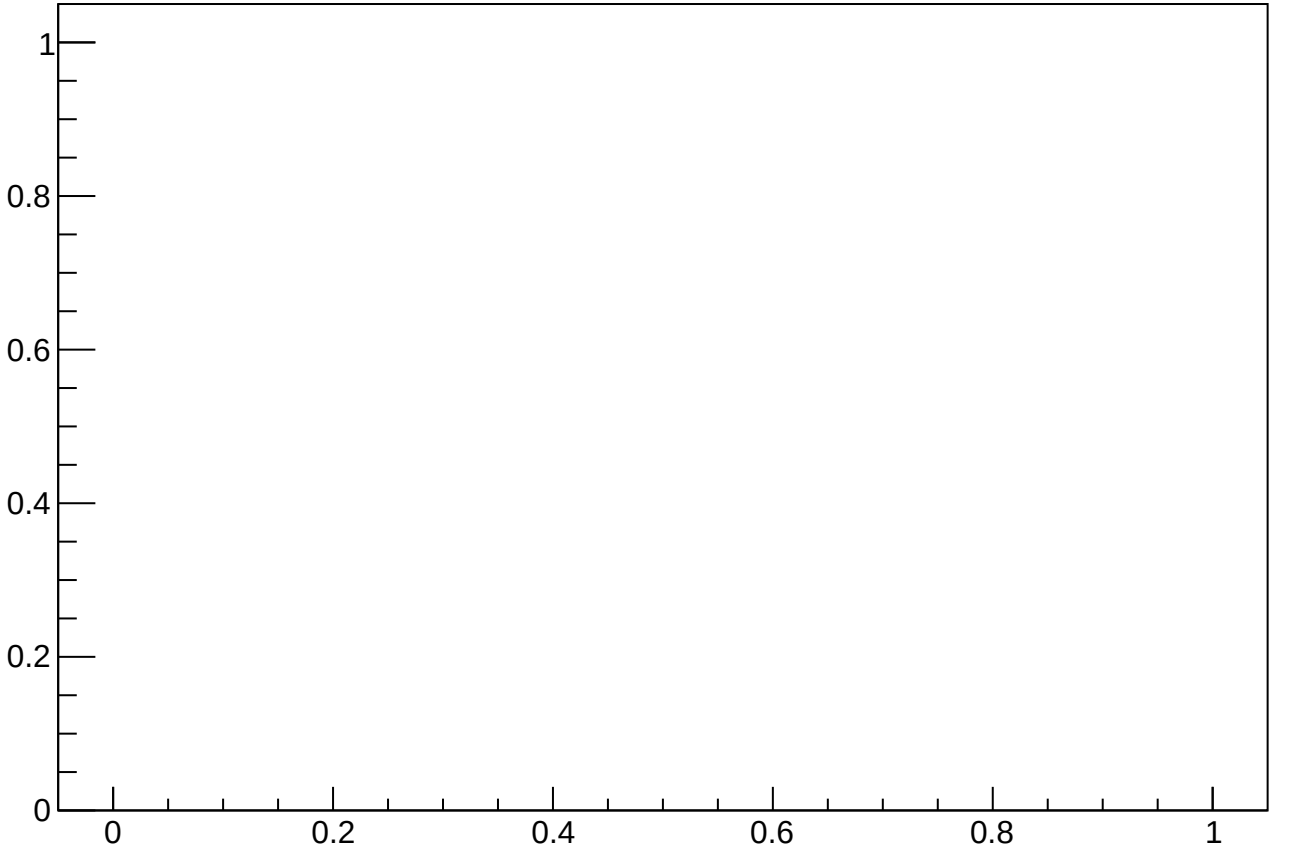
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usl_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

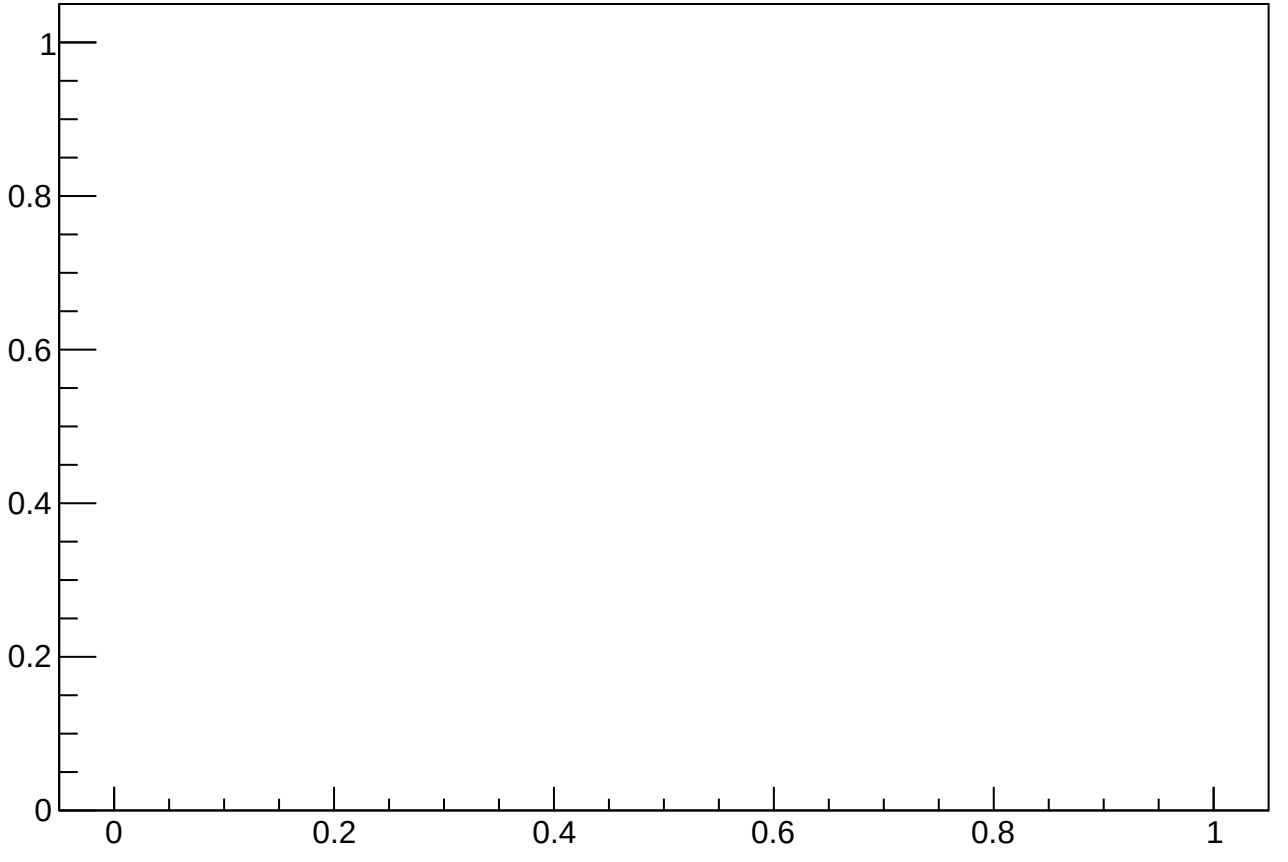
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

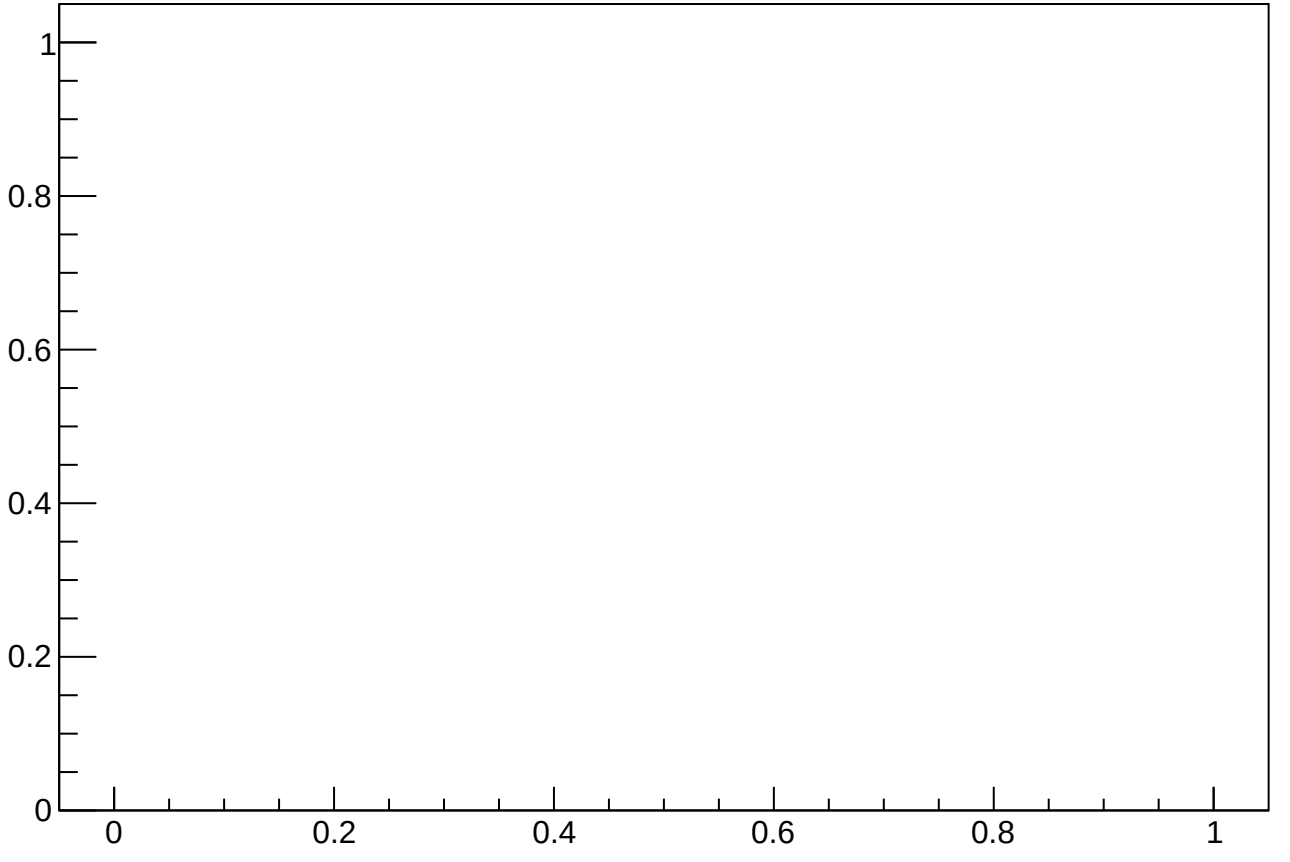
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

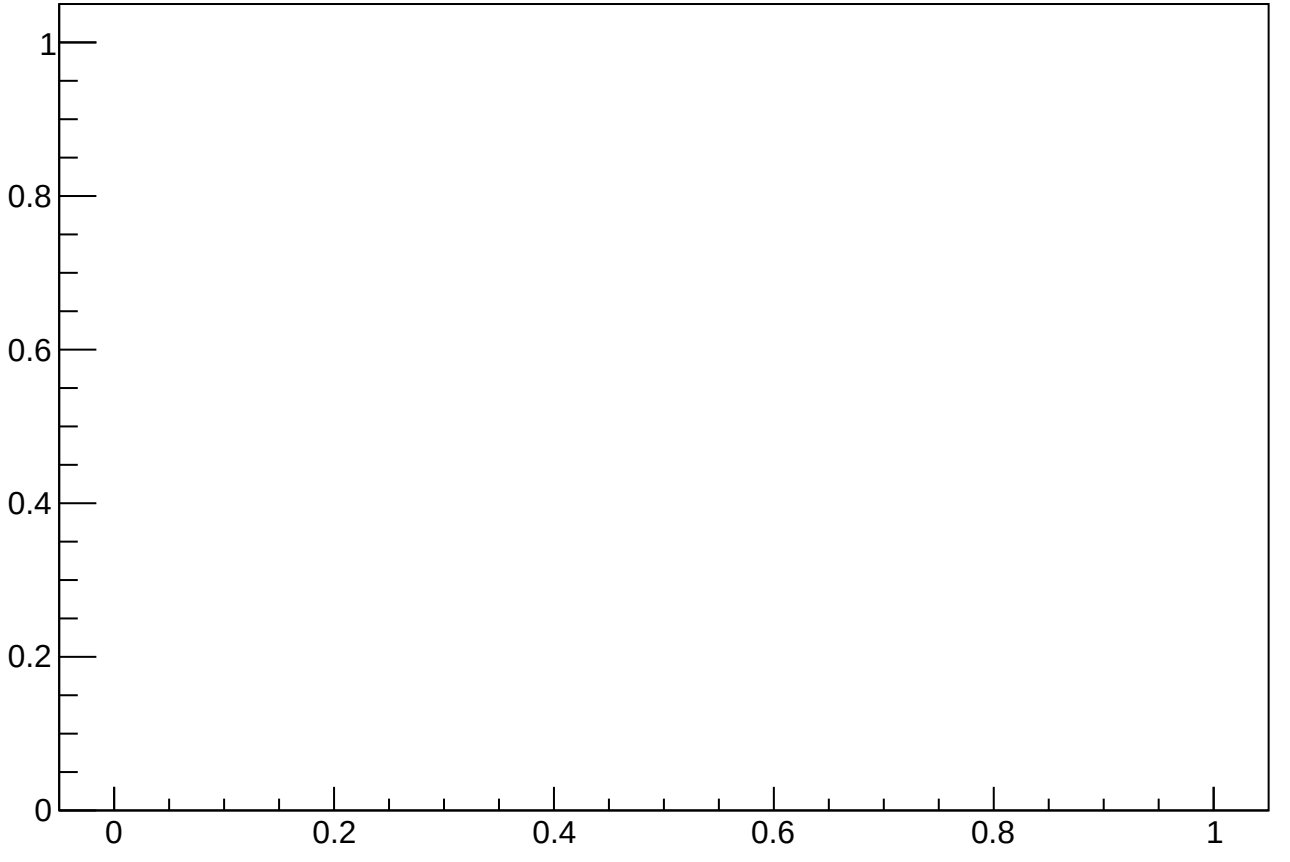
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_usr_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

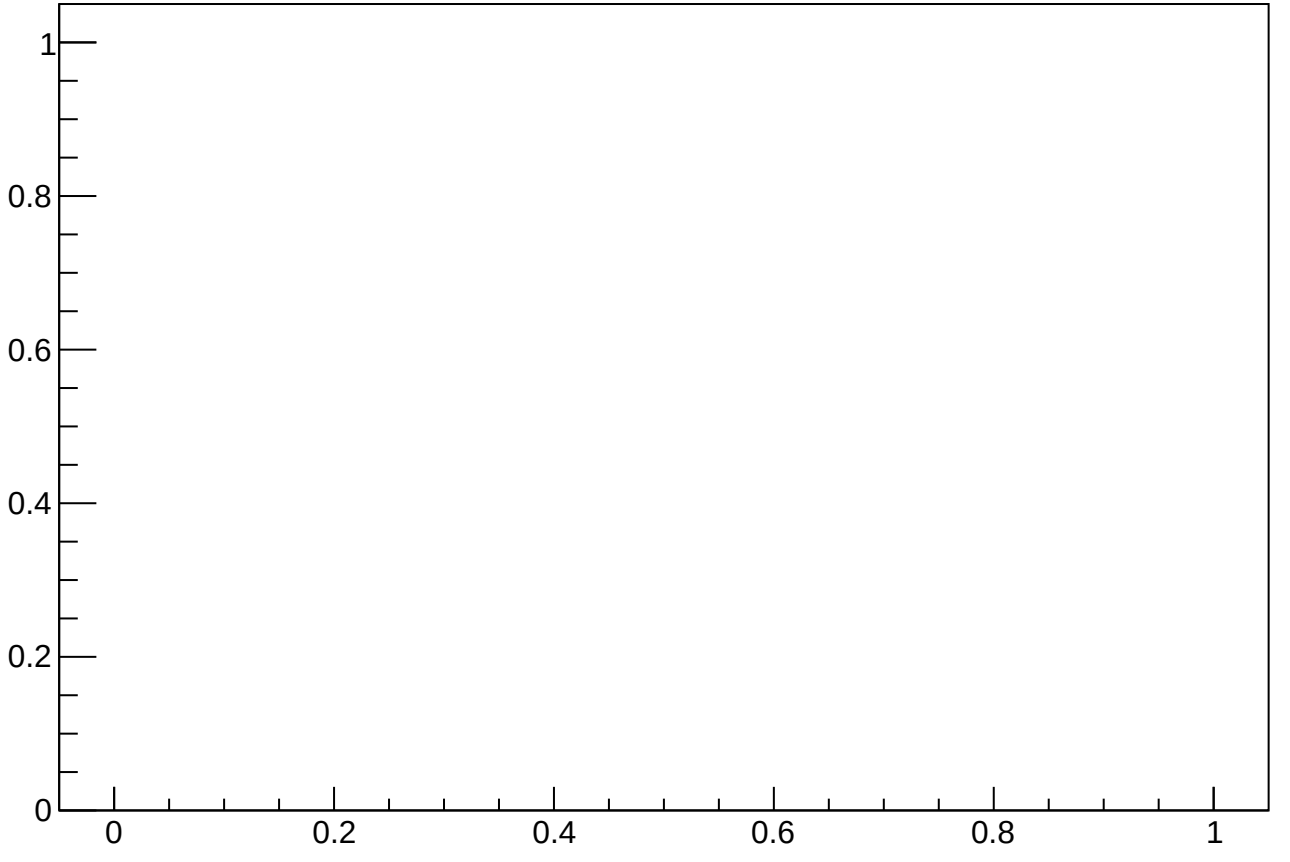
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

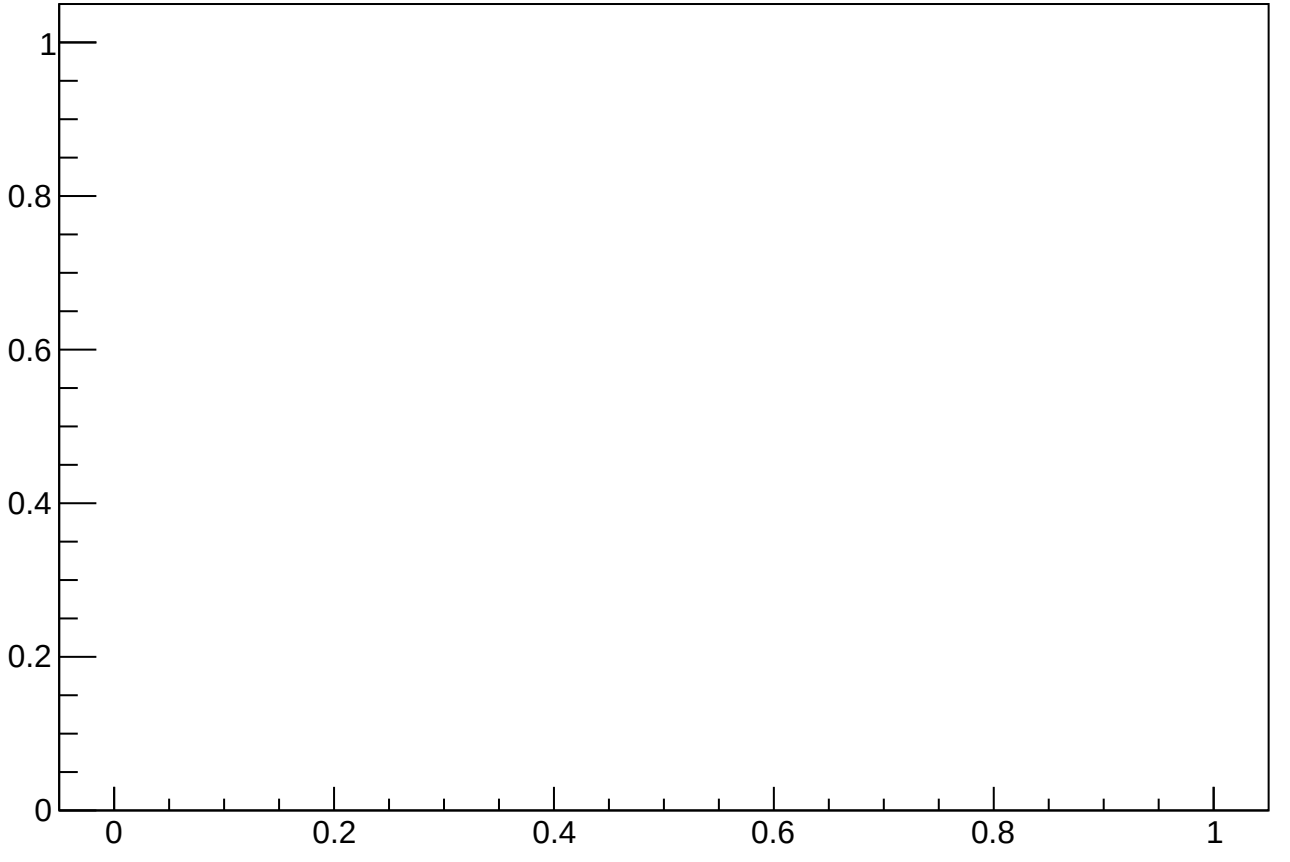
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

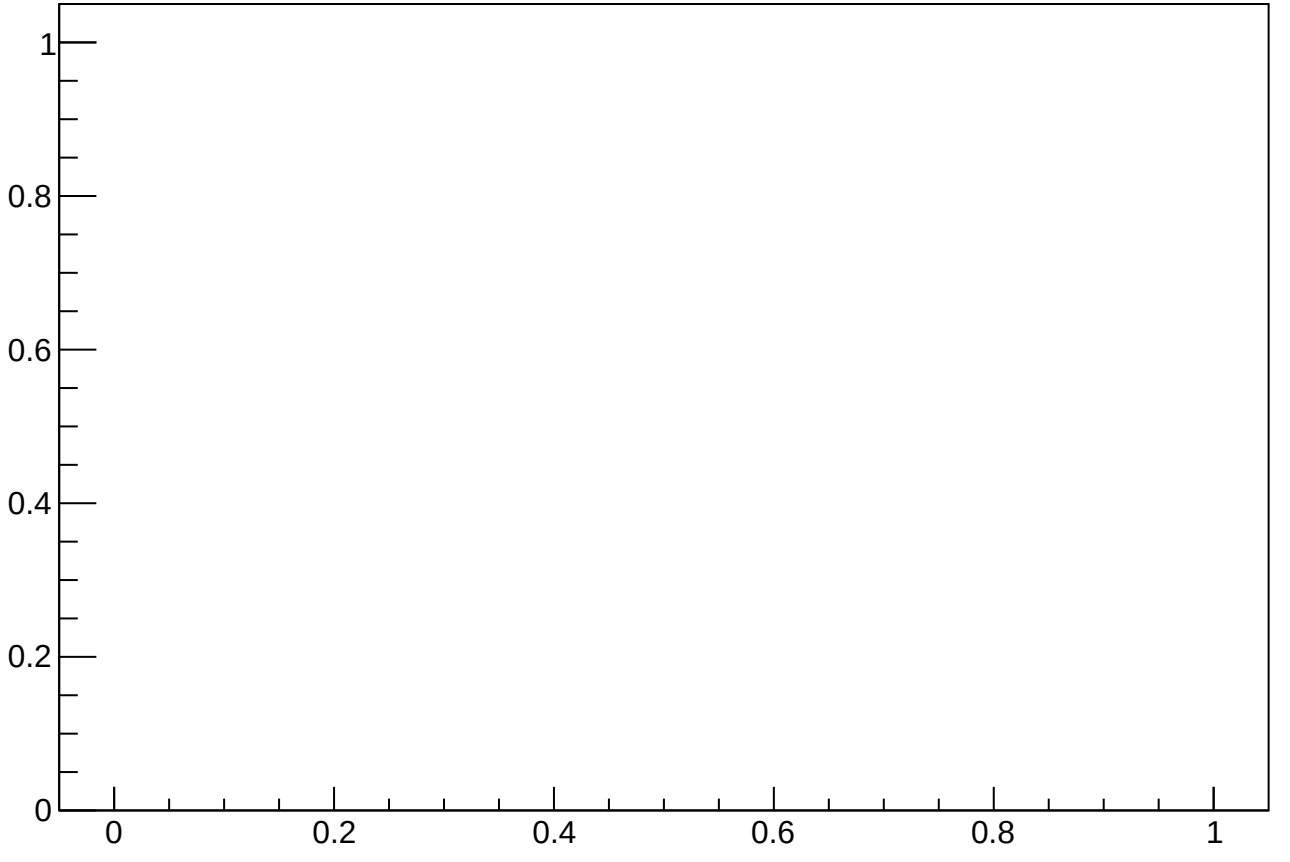
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl1_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

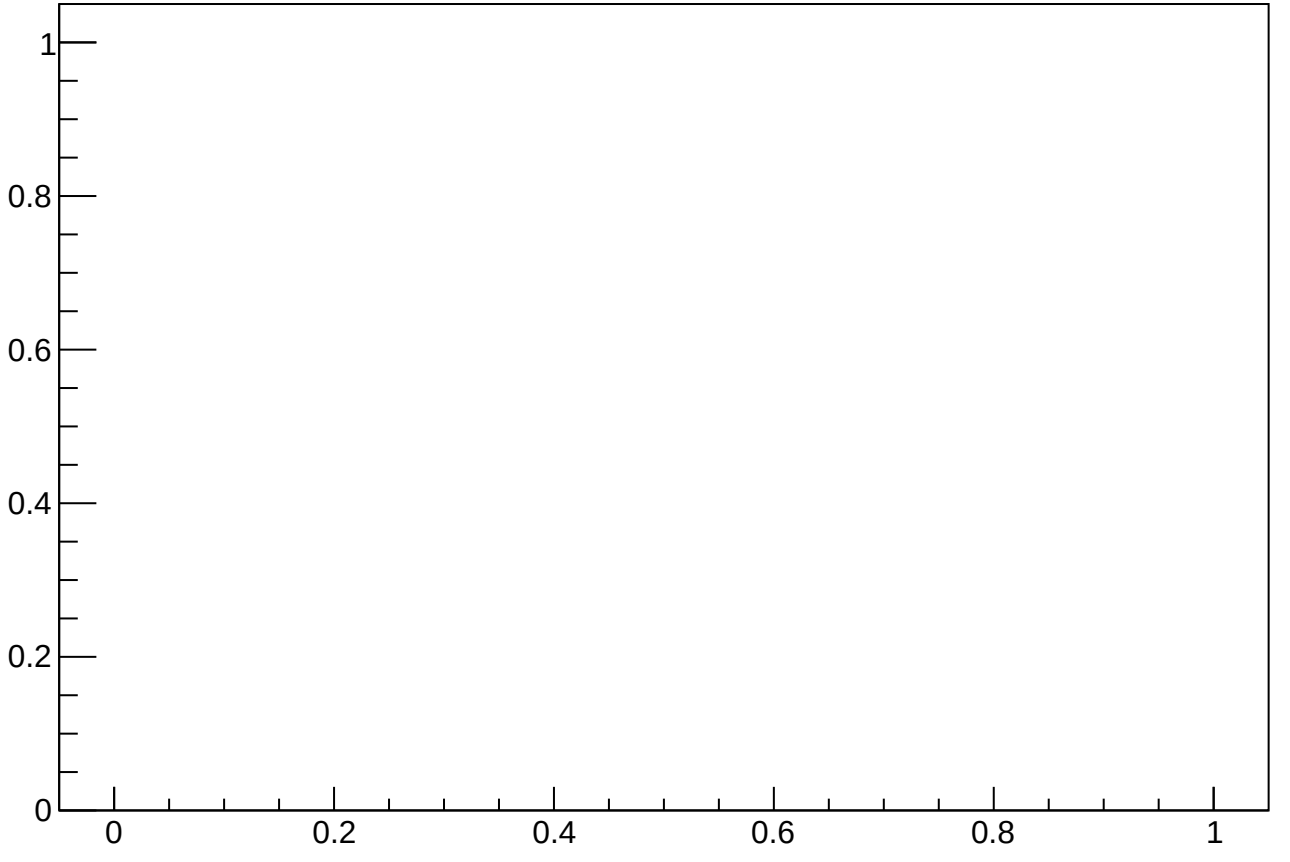
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

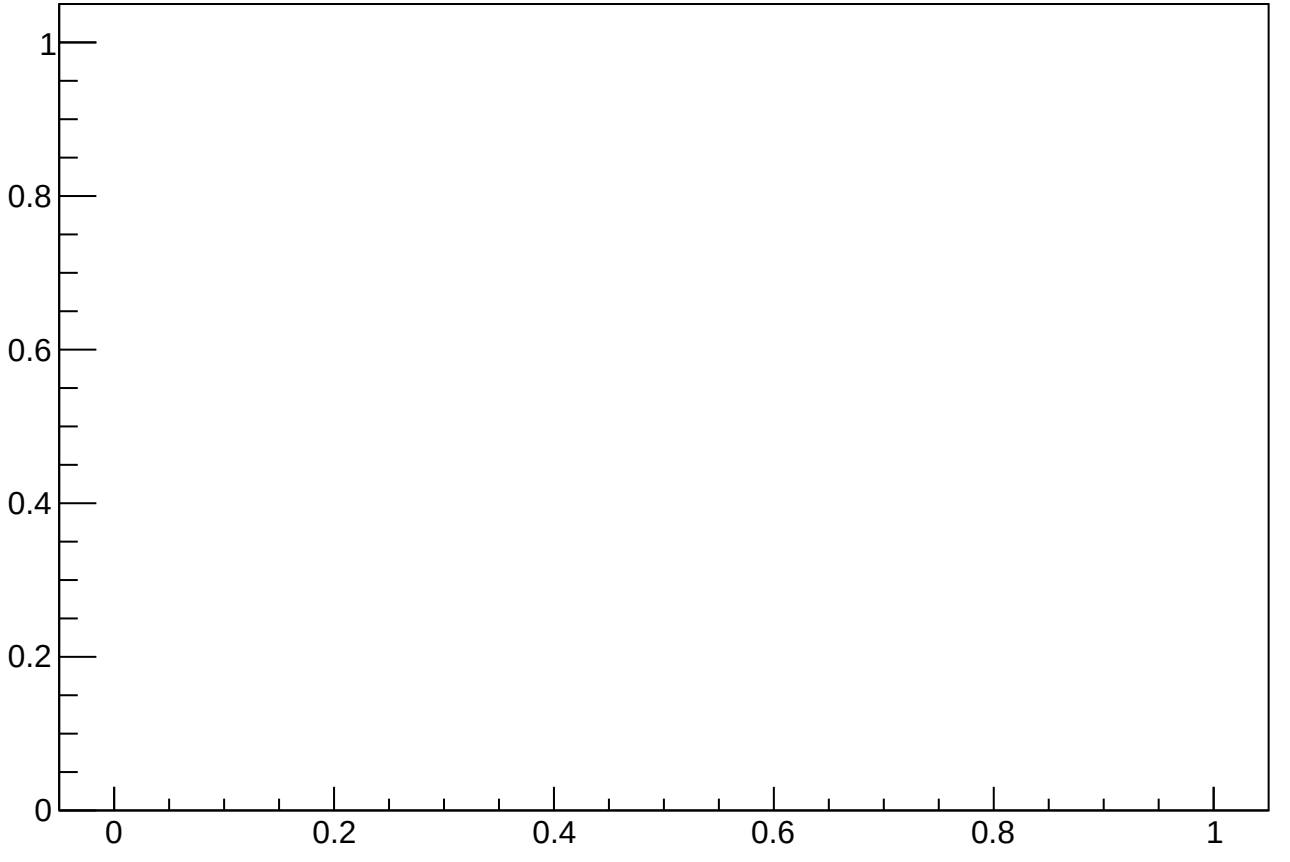
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

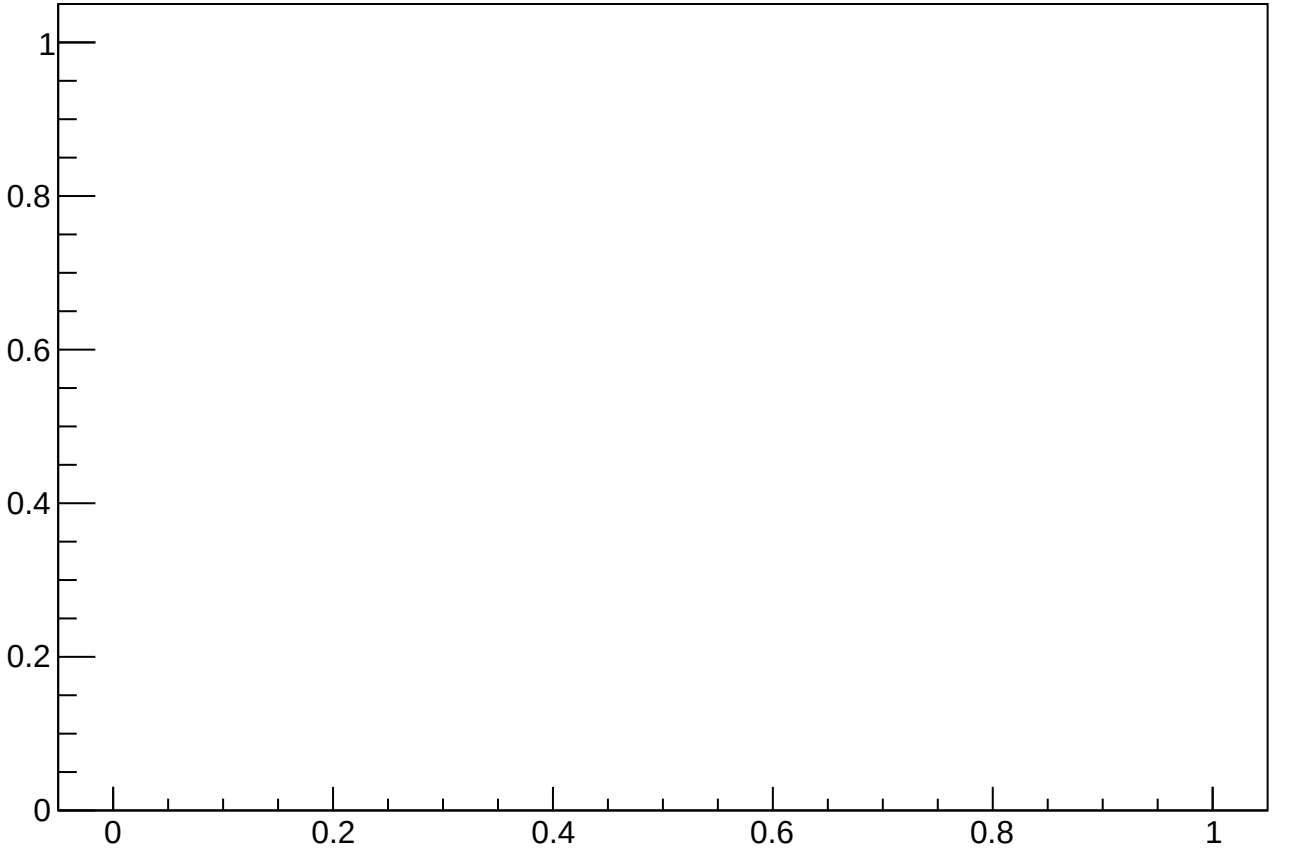
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atl2_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

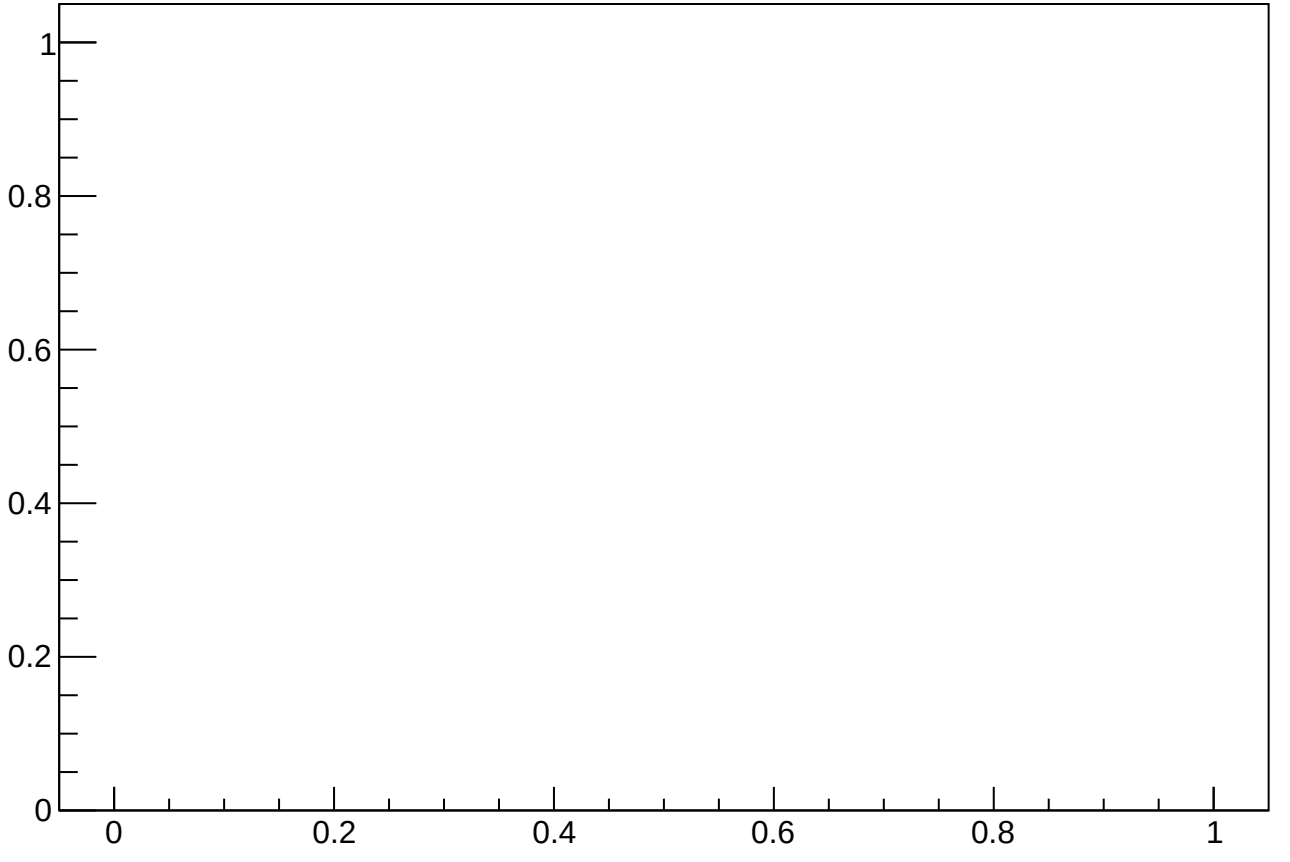
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

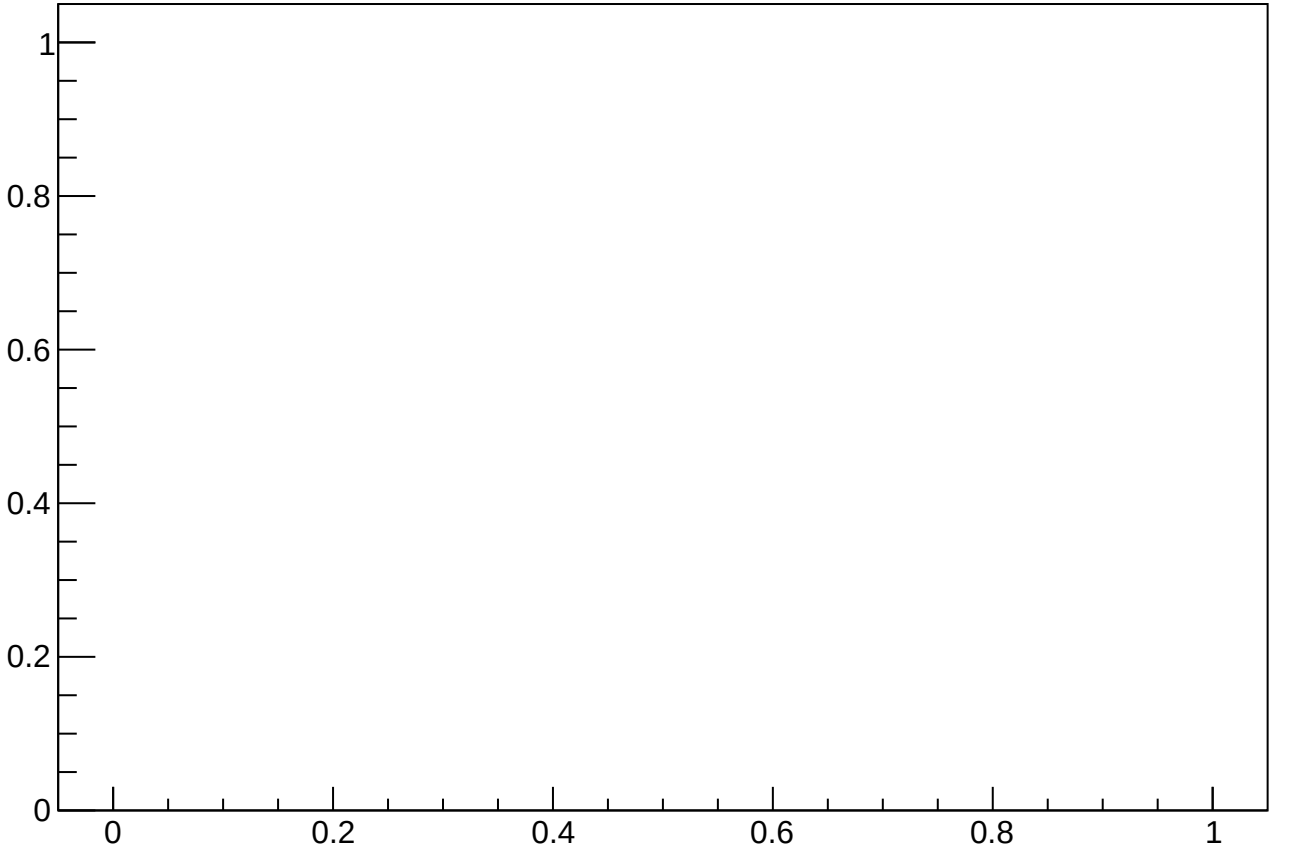
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

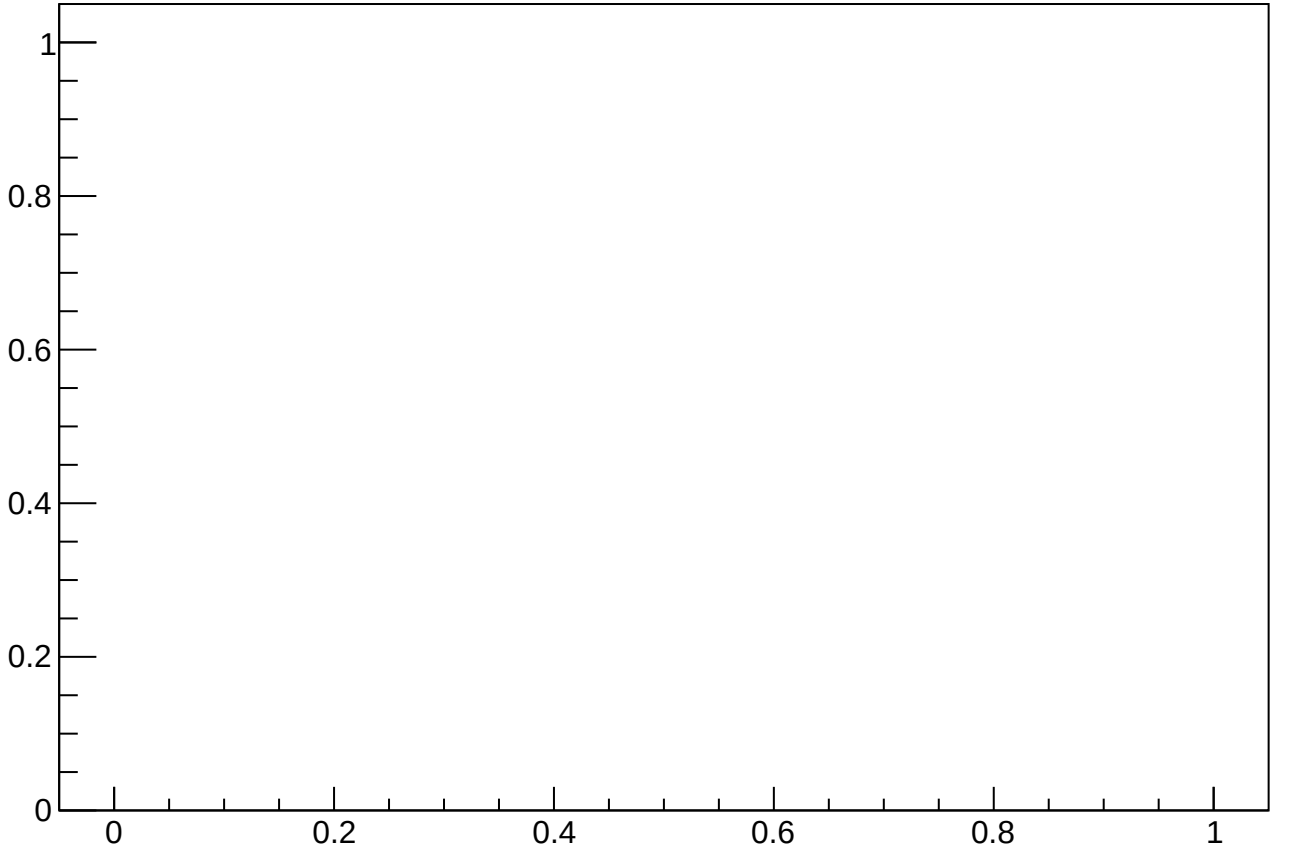
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr1_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

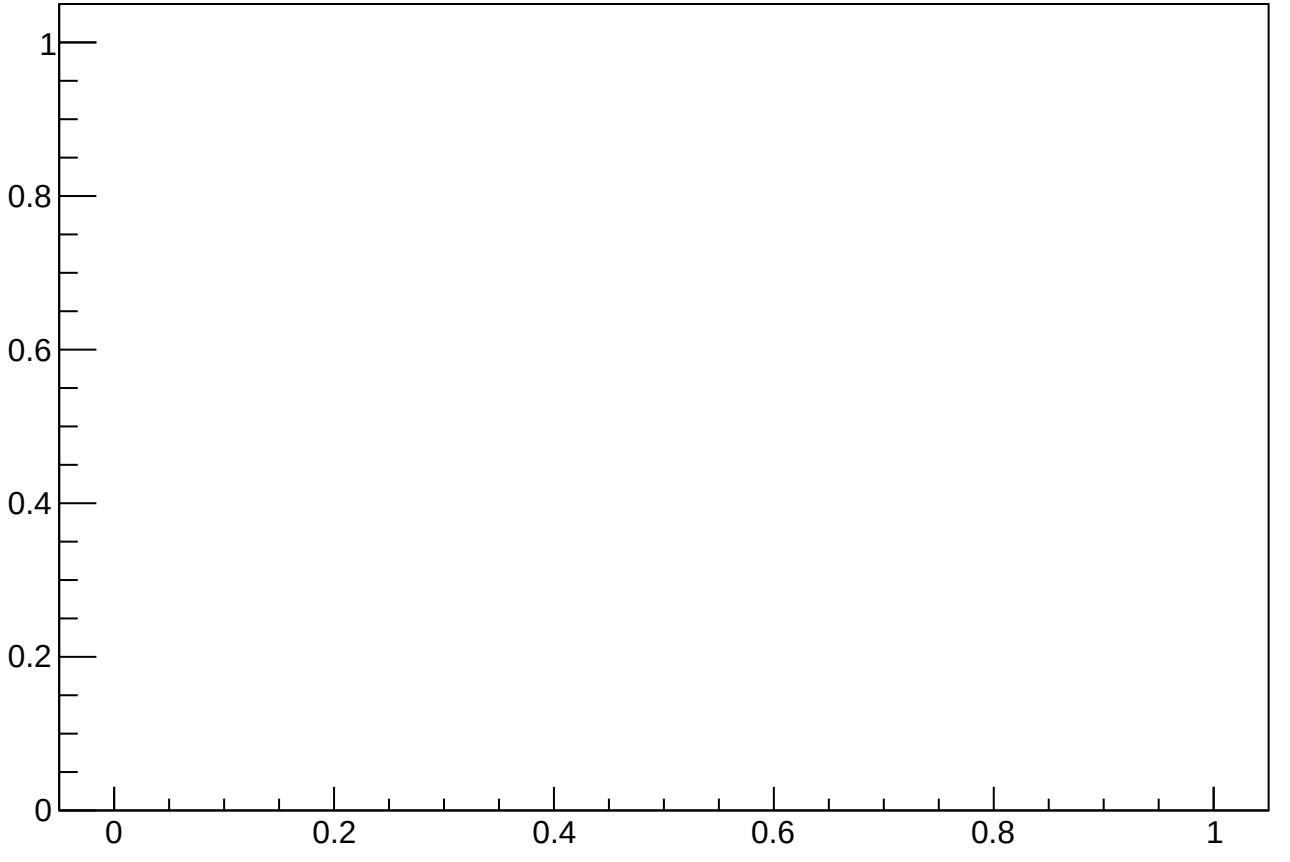
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

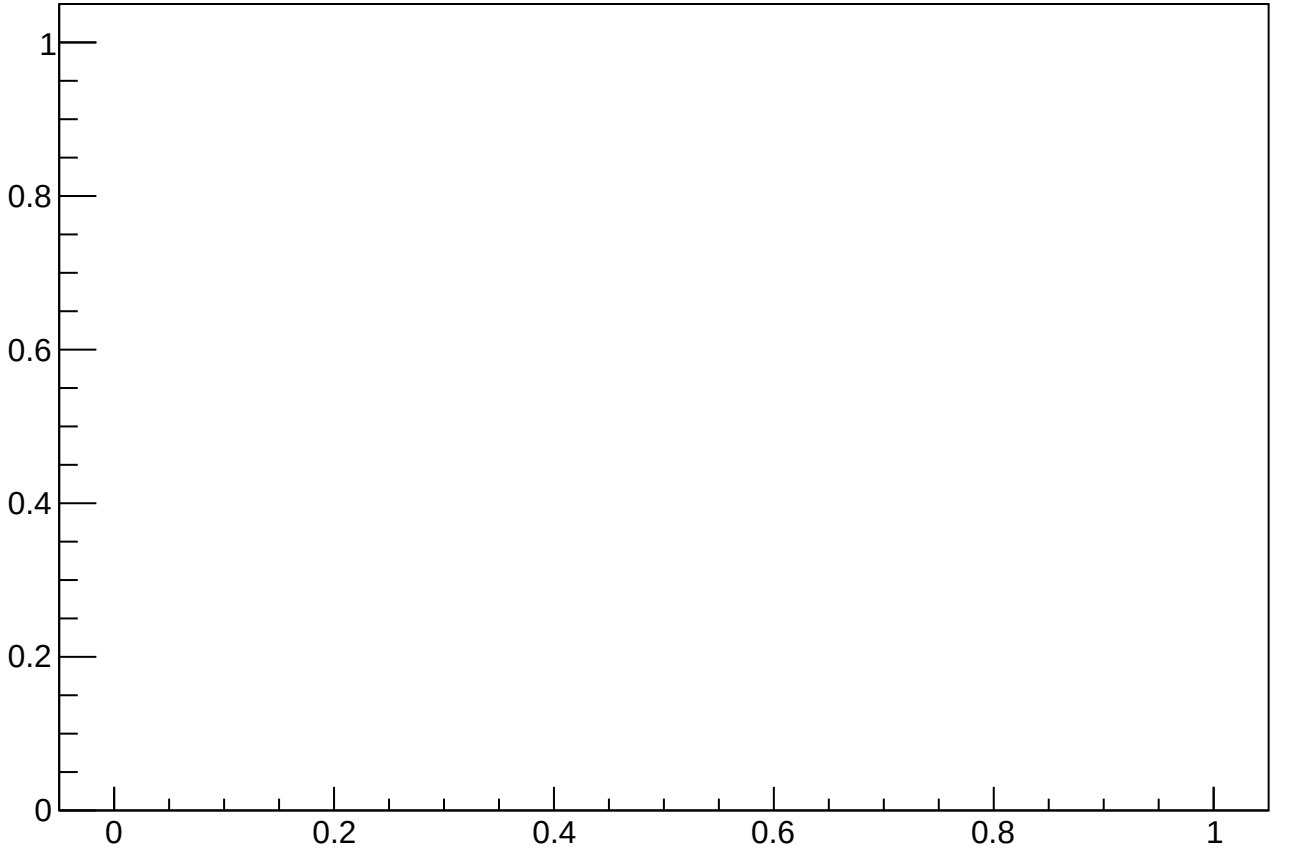
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

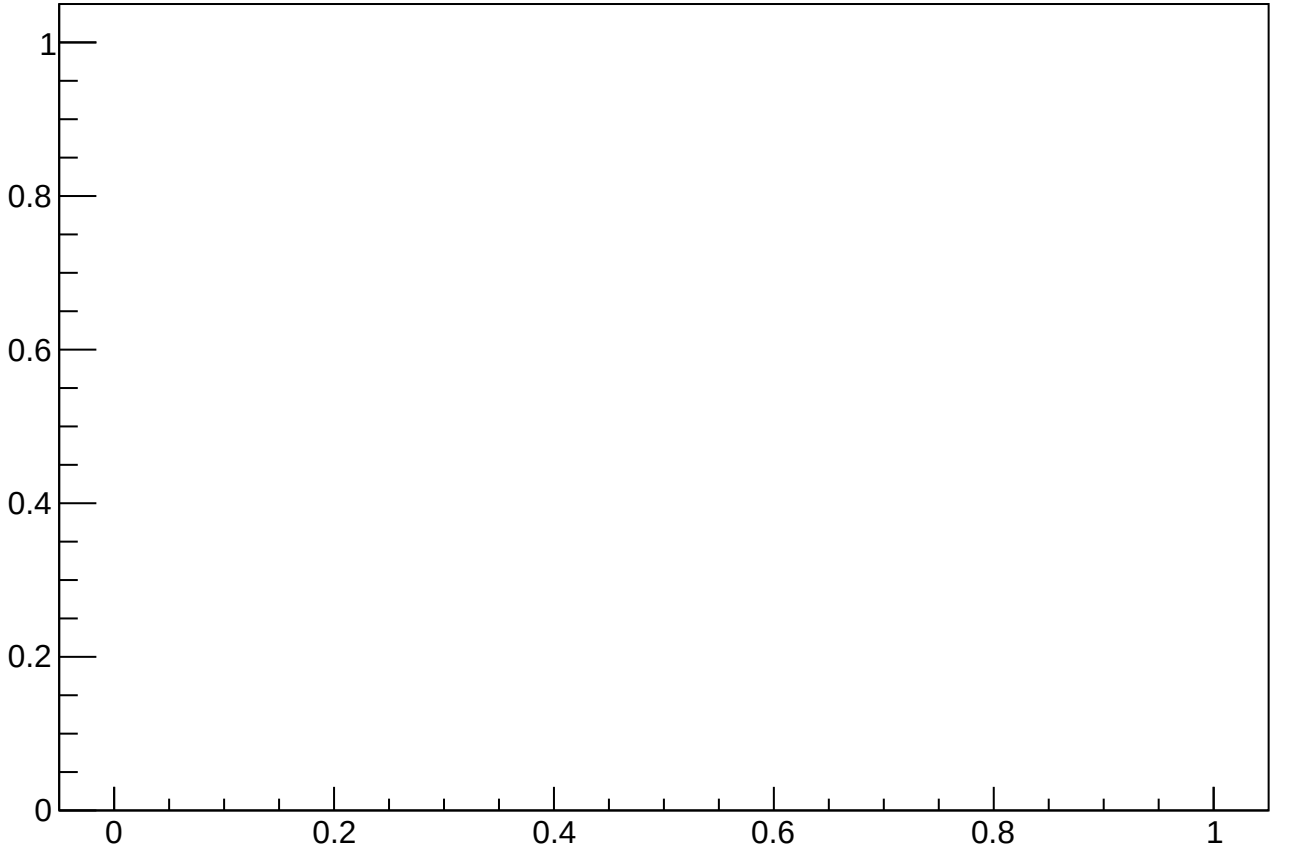
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_atr2_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

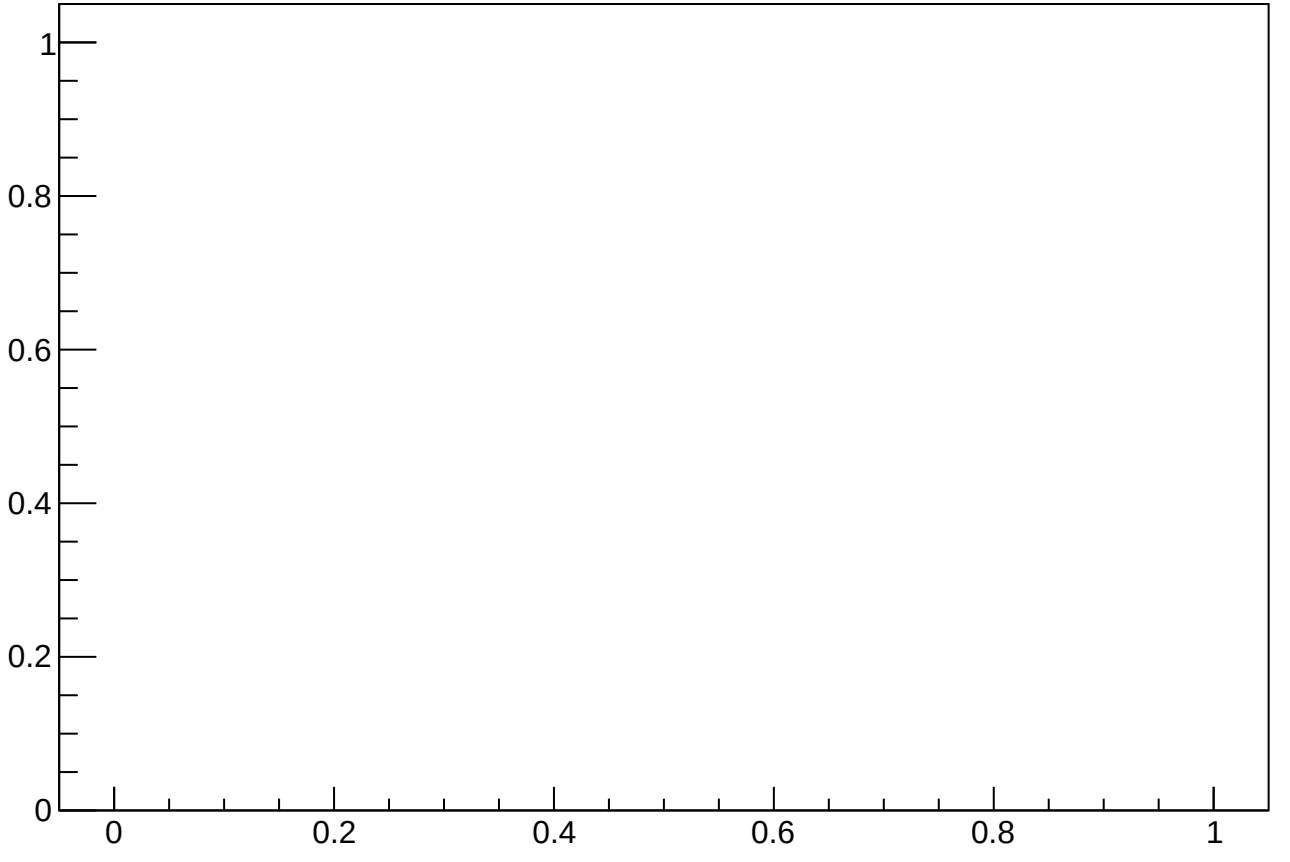
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

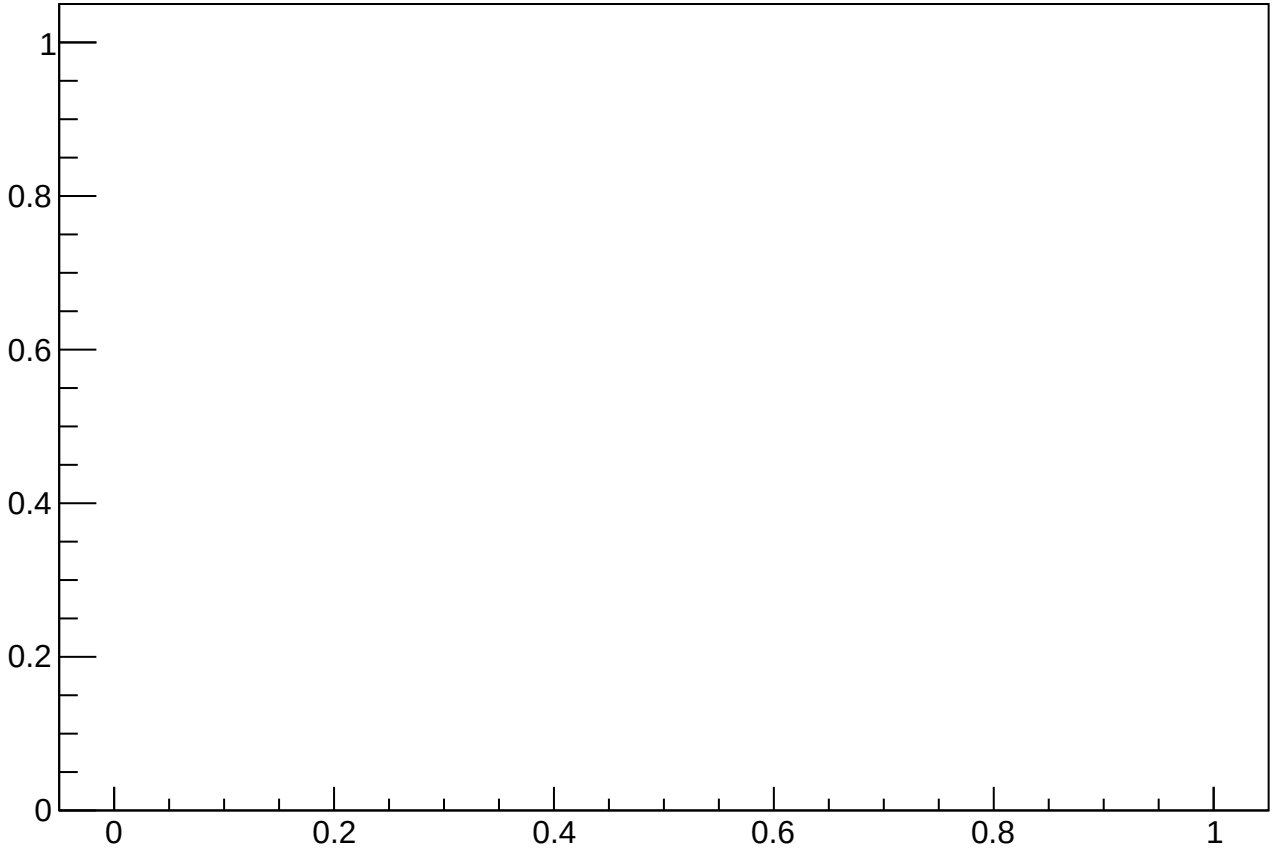
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

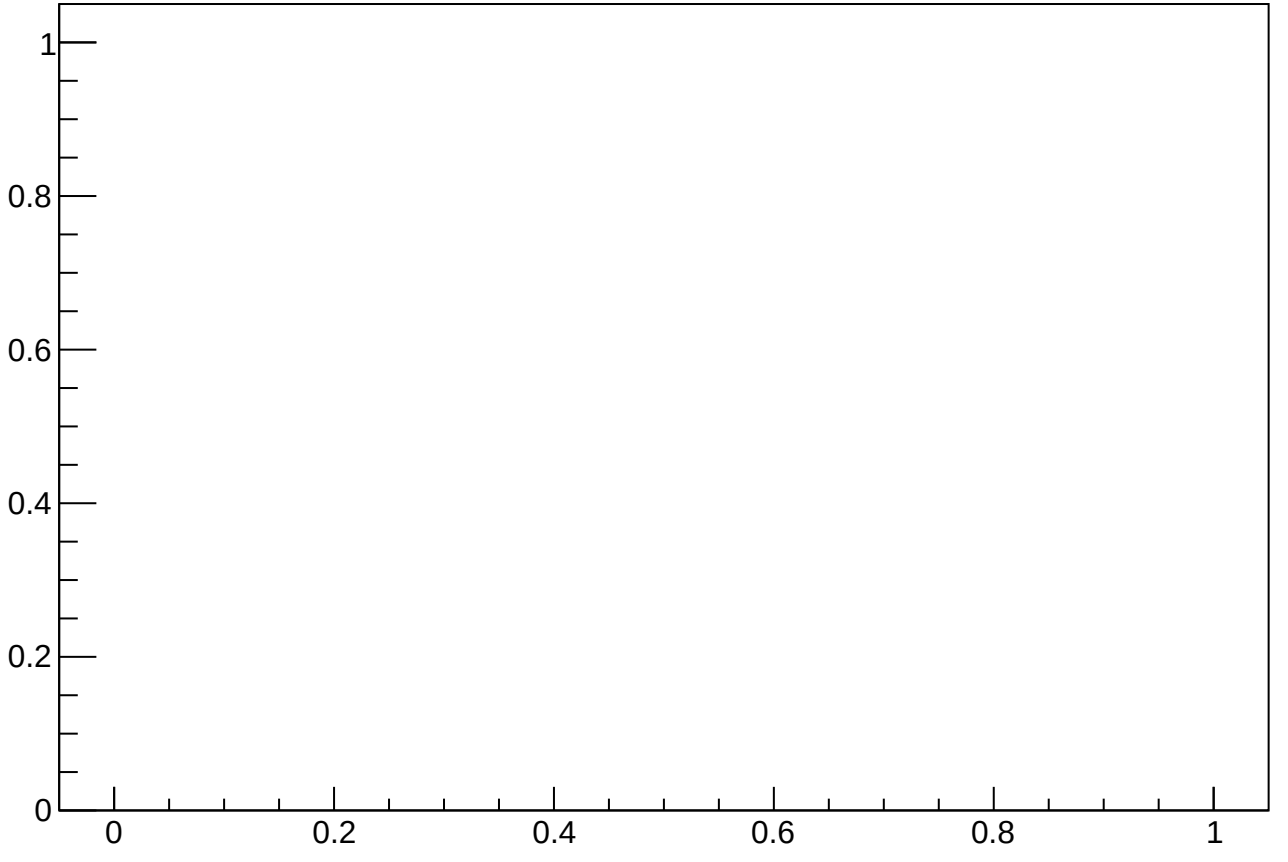
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam1_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

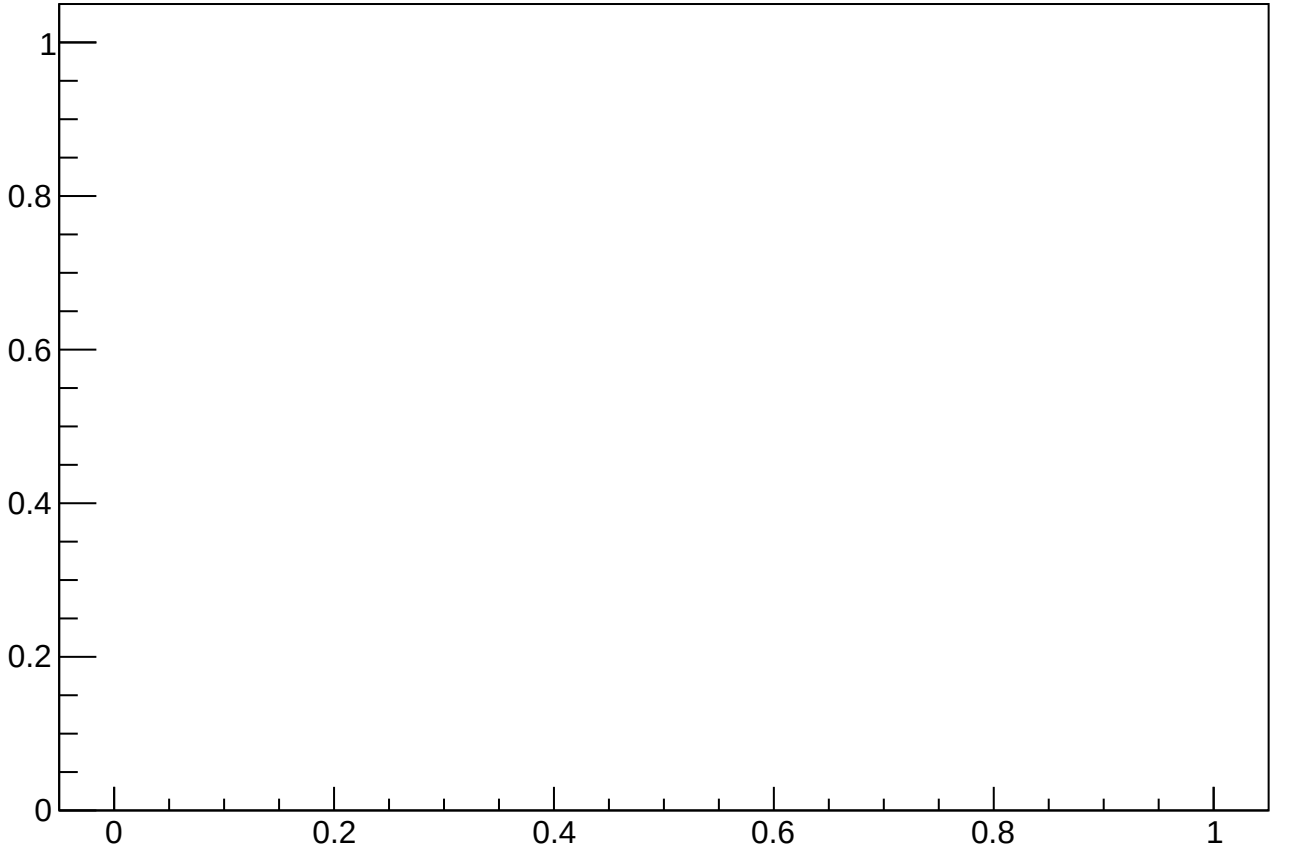
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

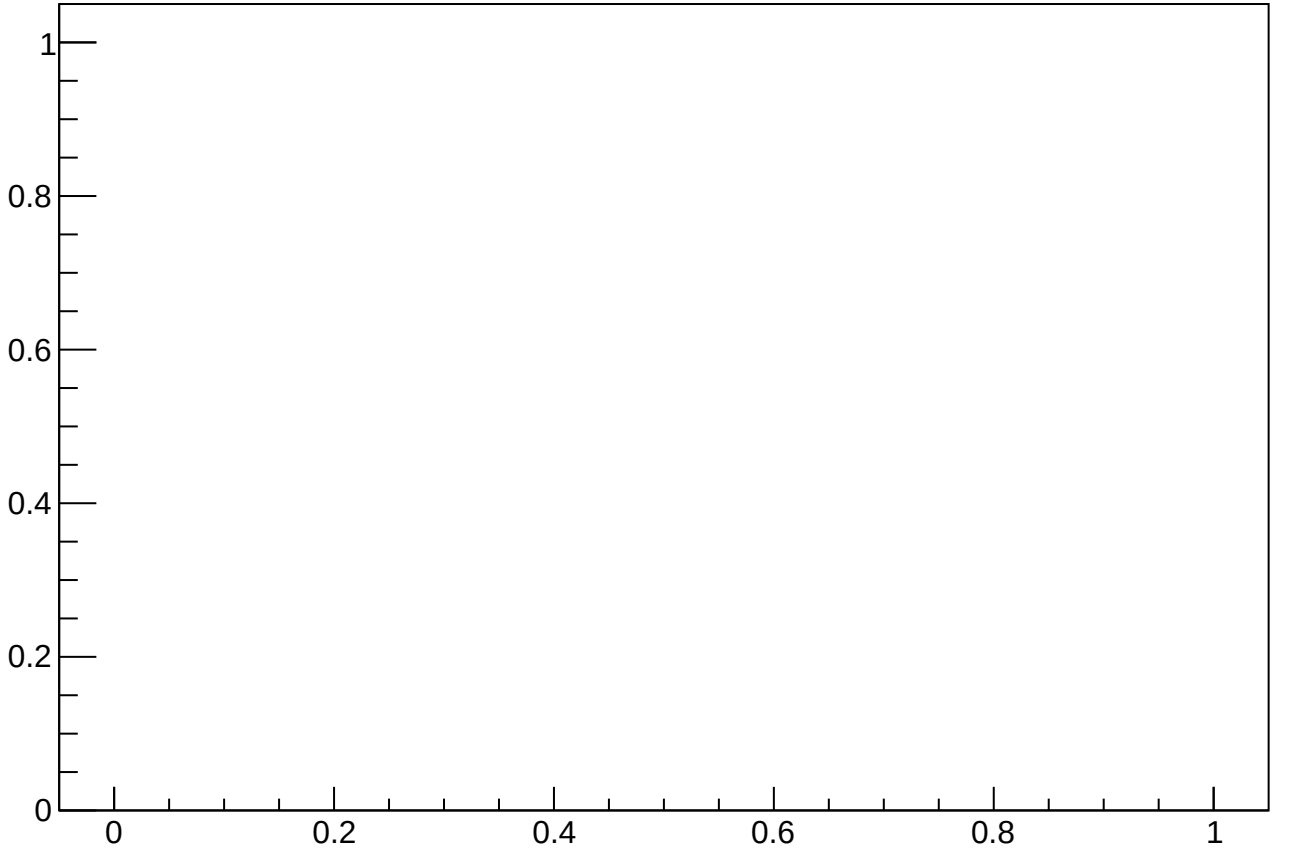
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

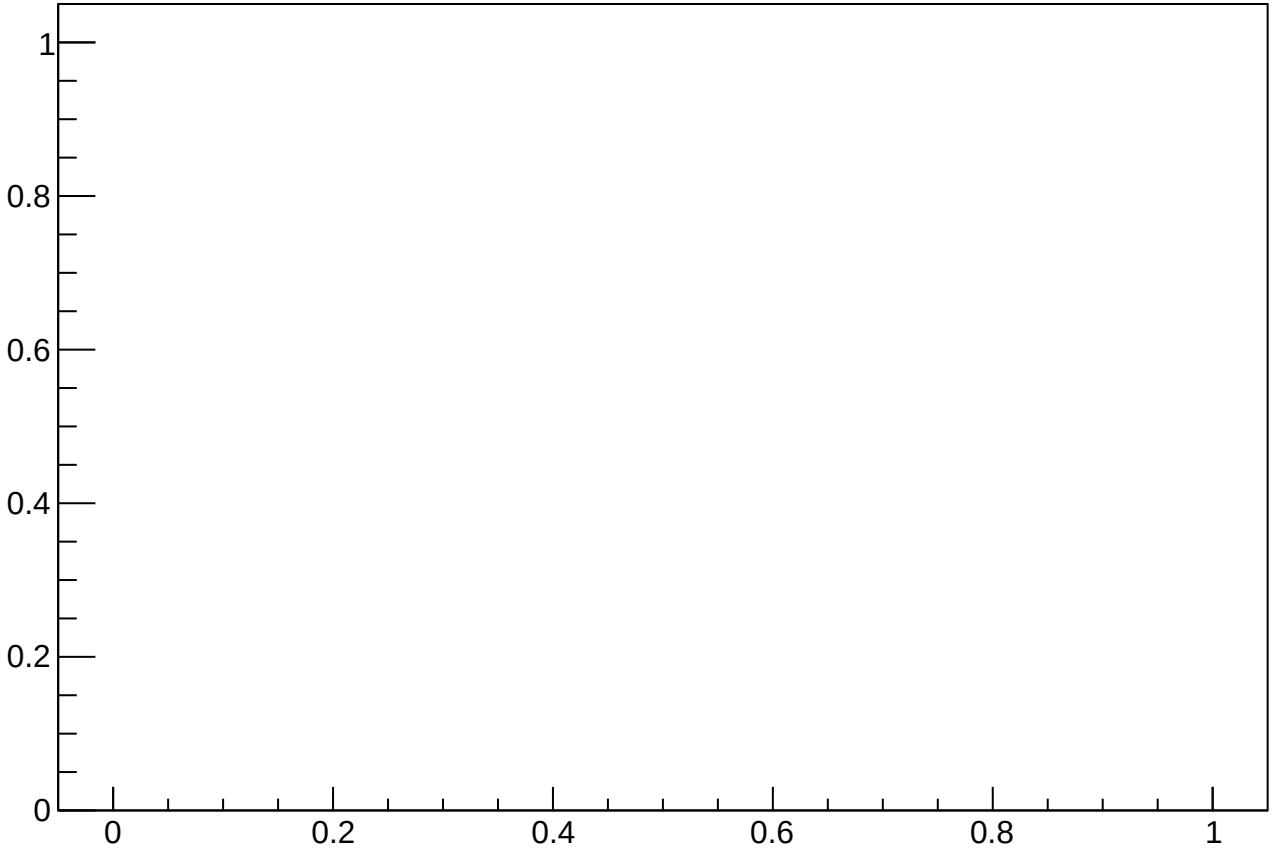
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam2_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

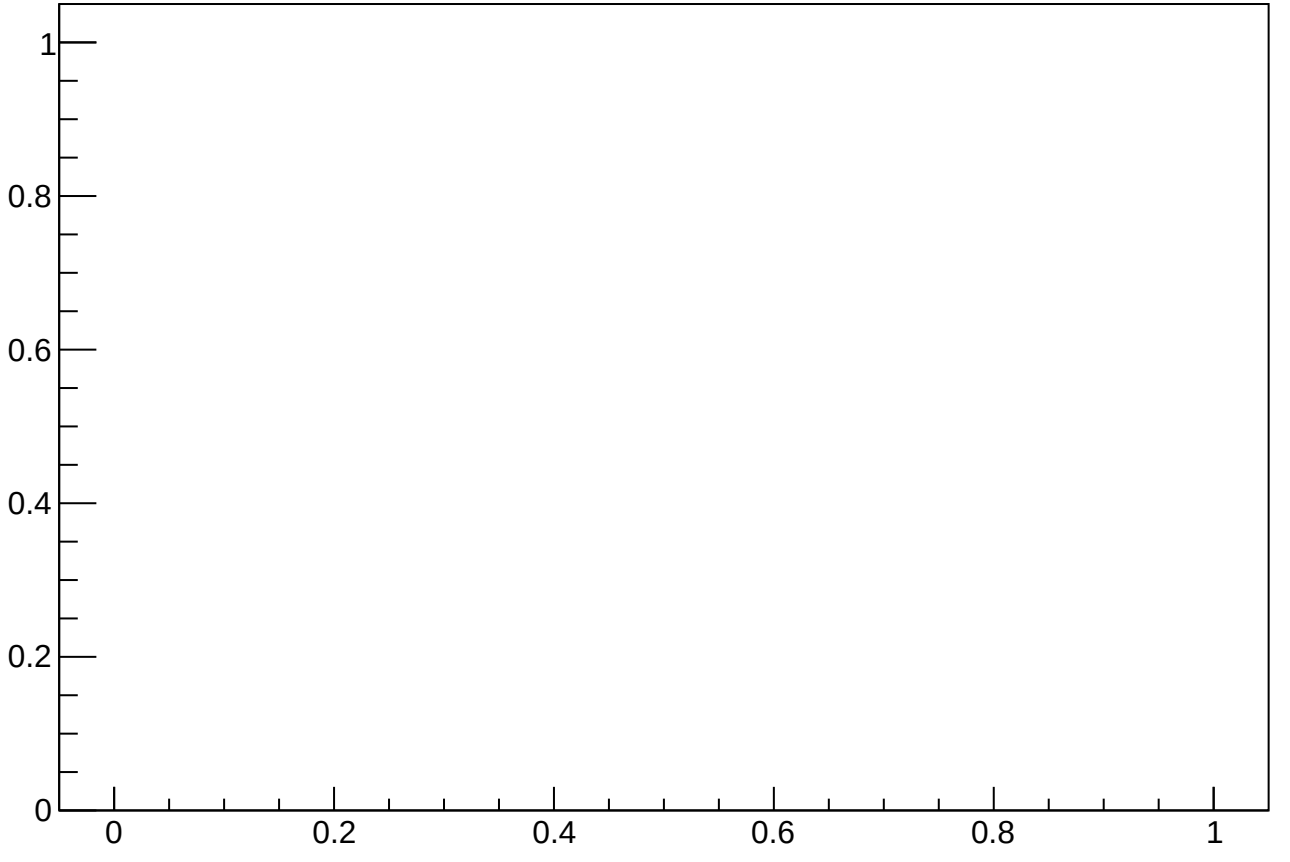
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

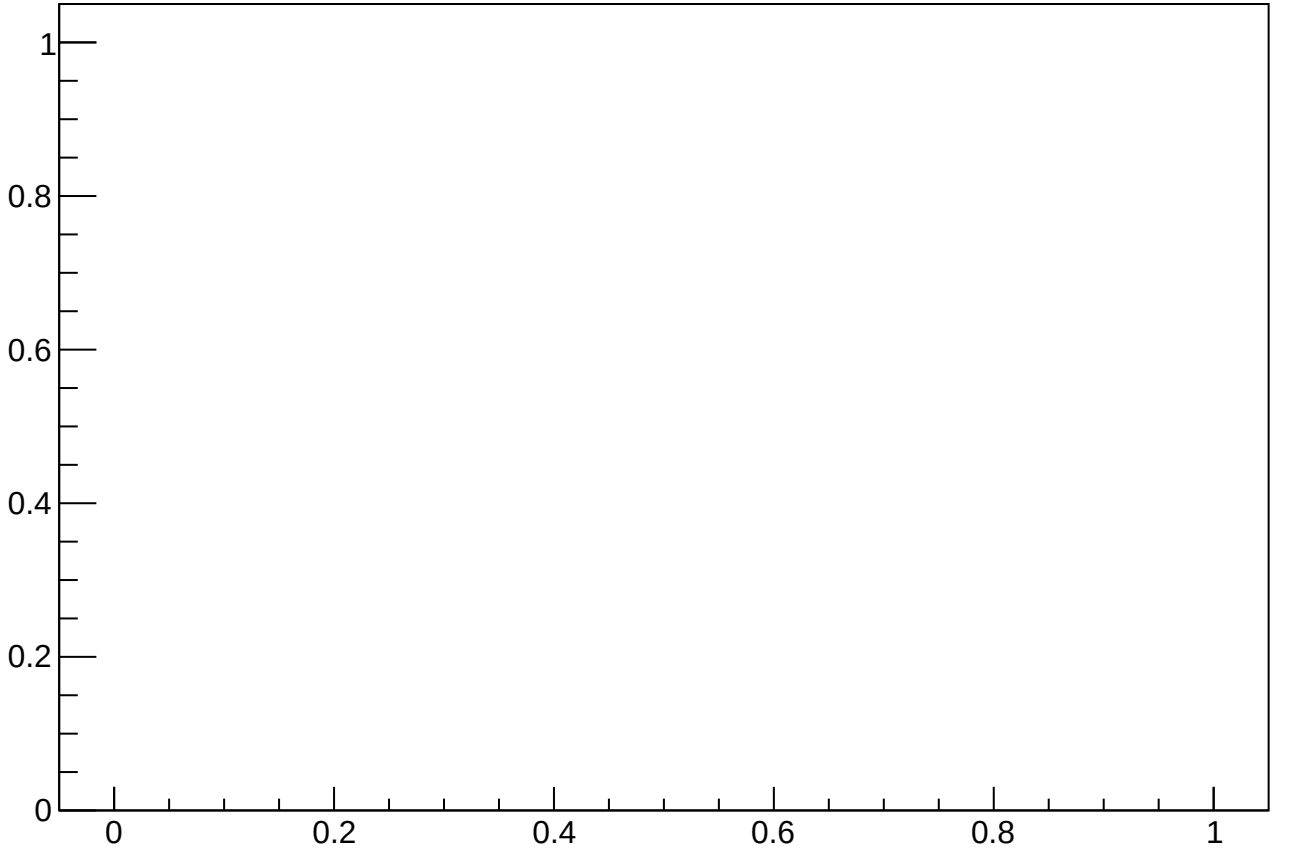
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

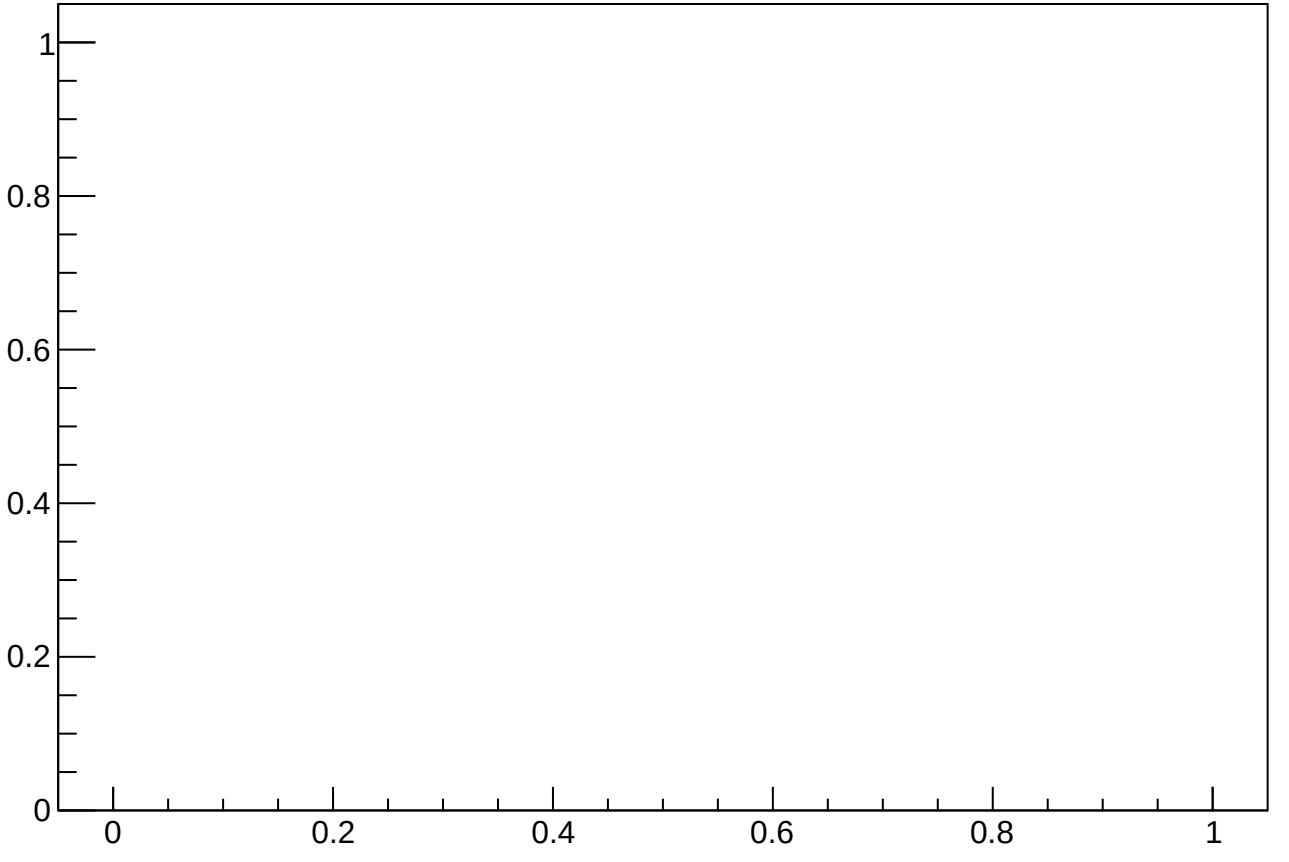
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam3_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

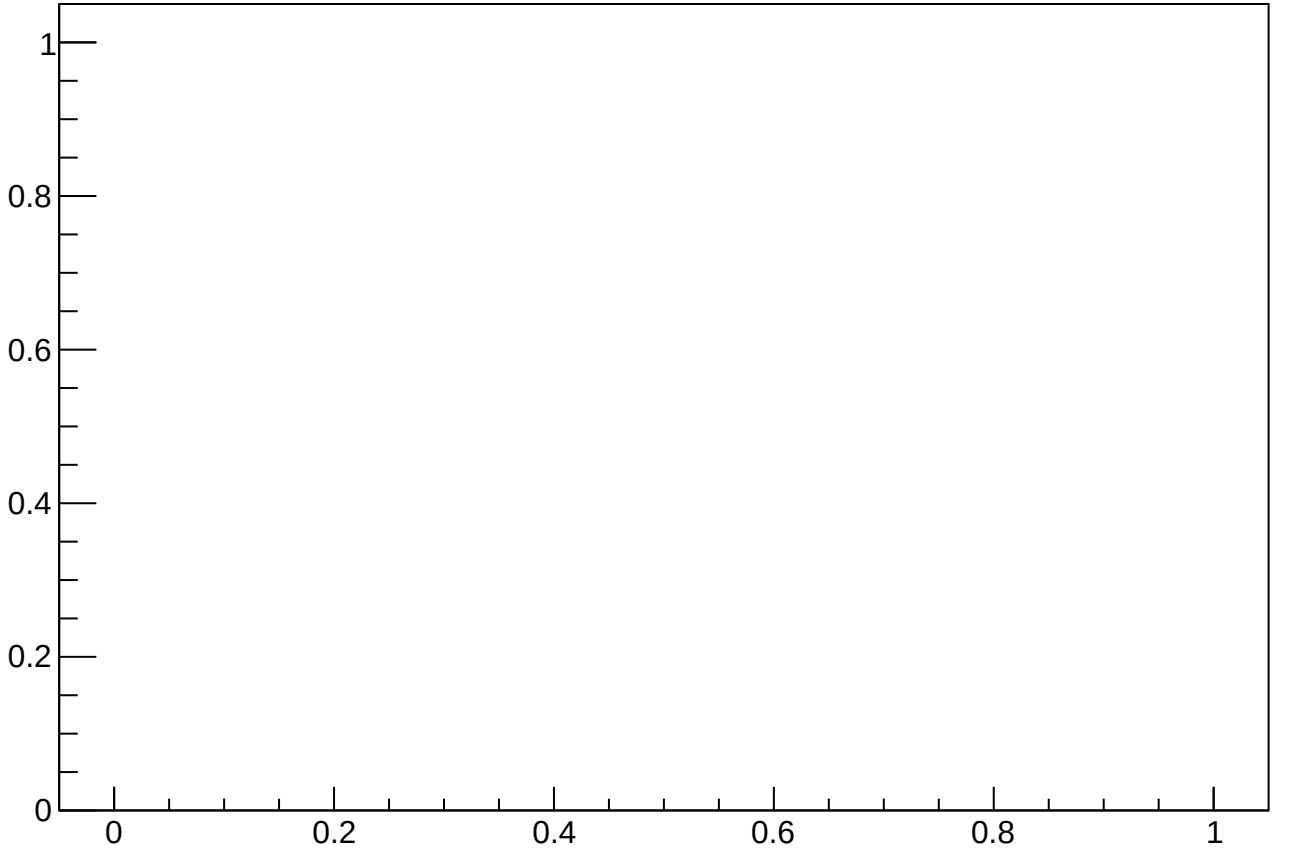
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

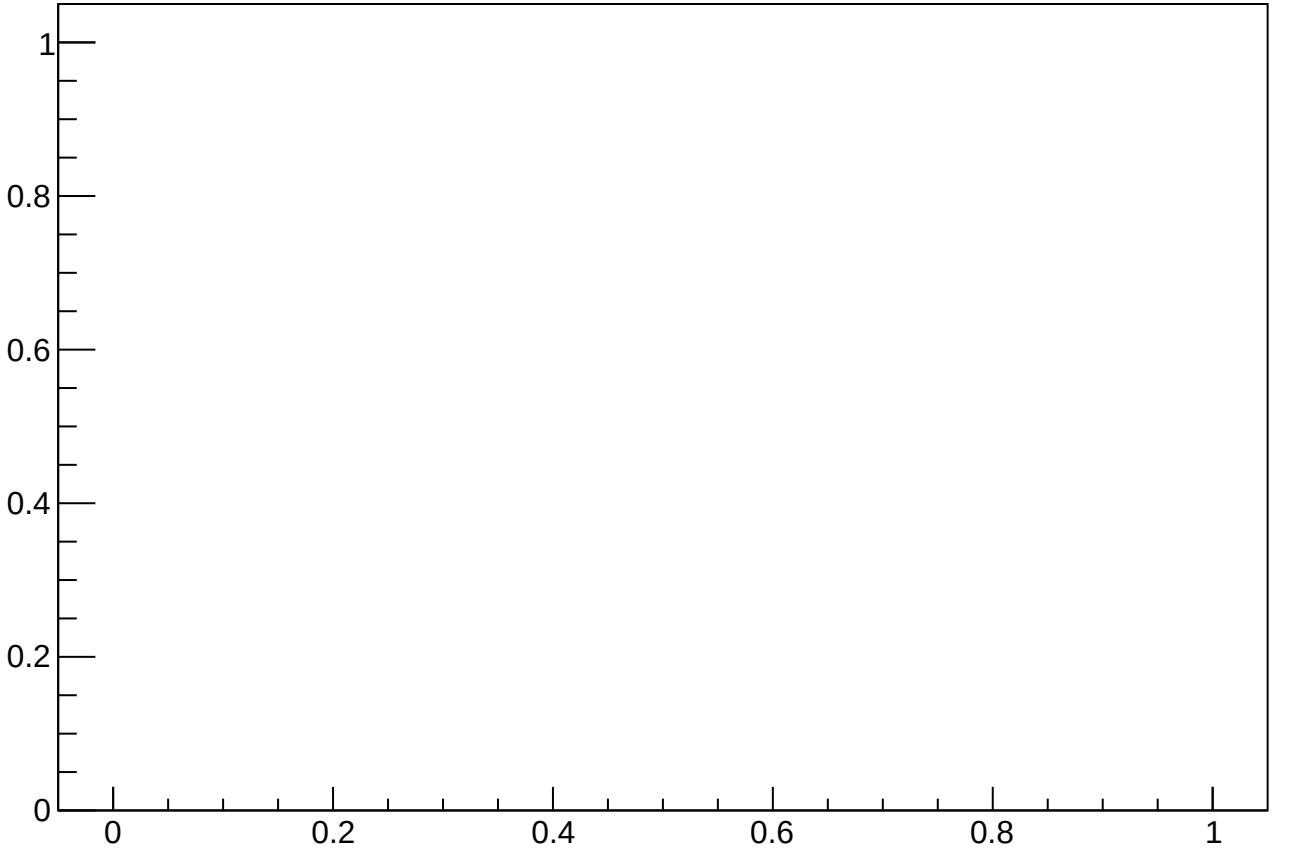
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

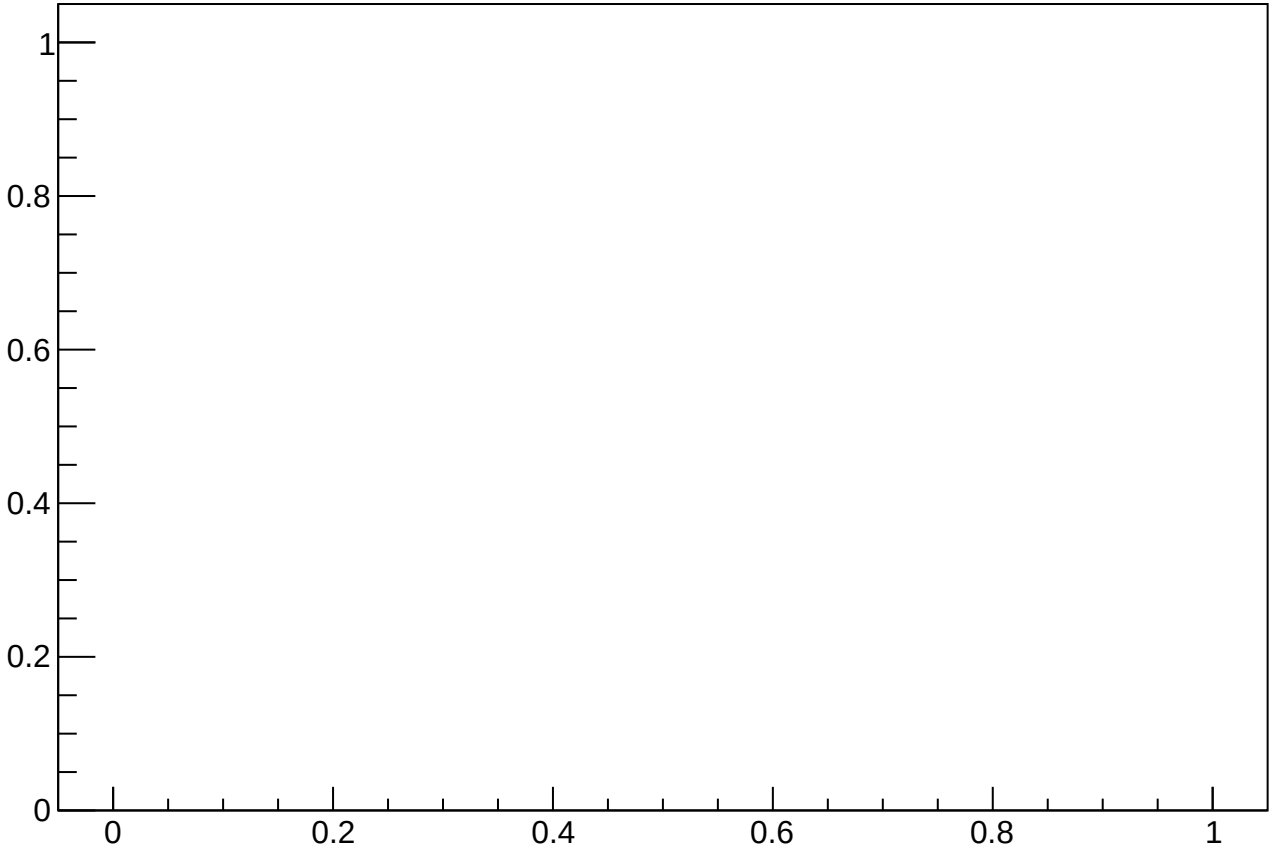
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam4_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

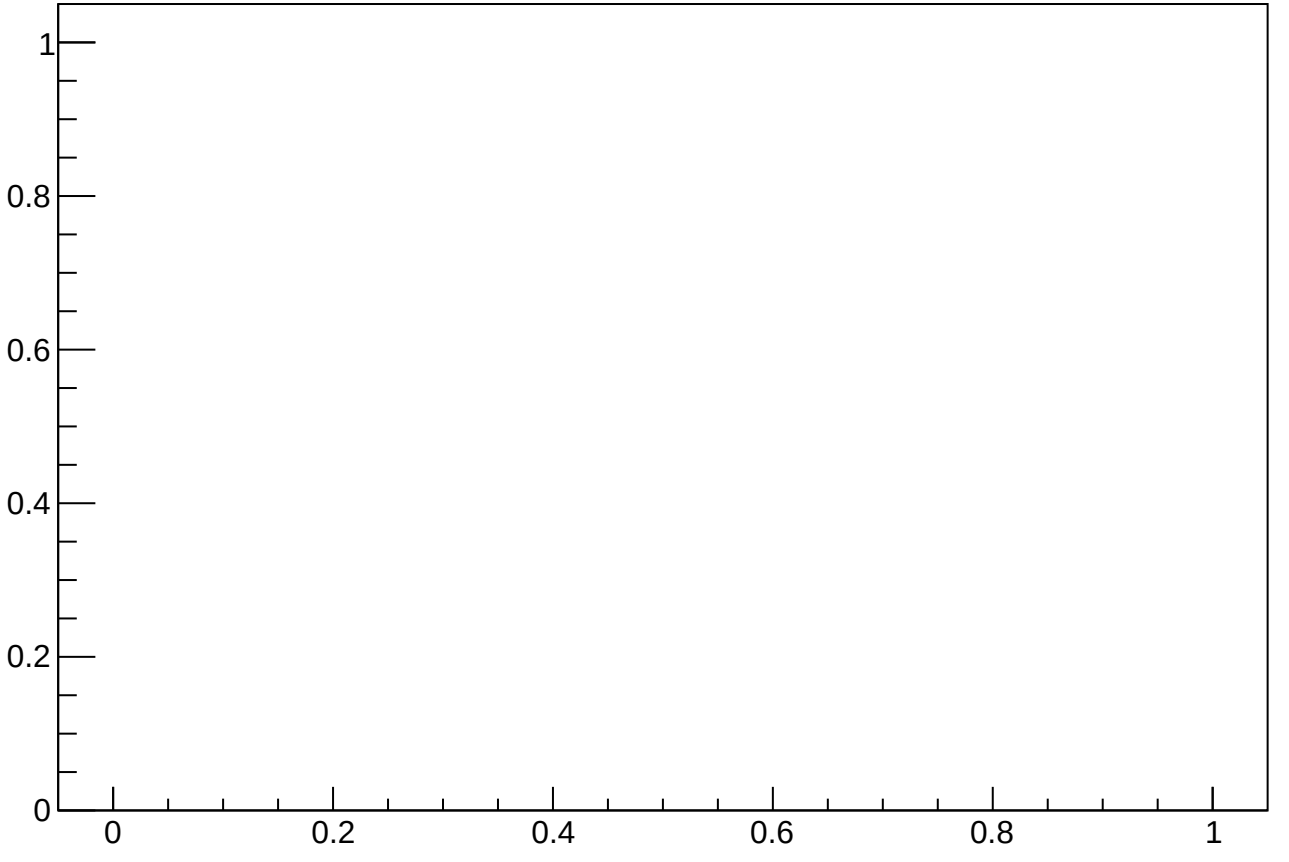
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

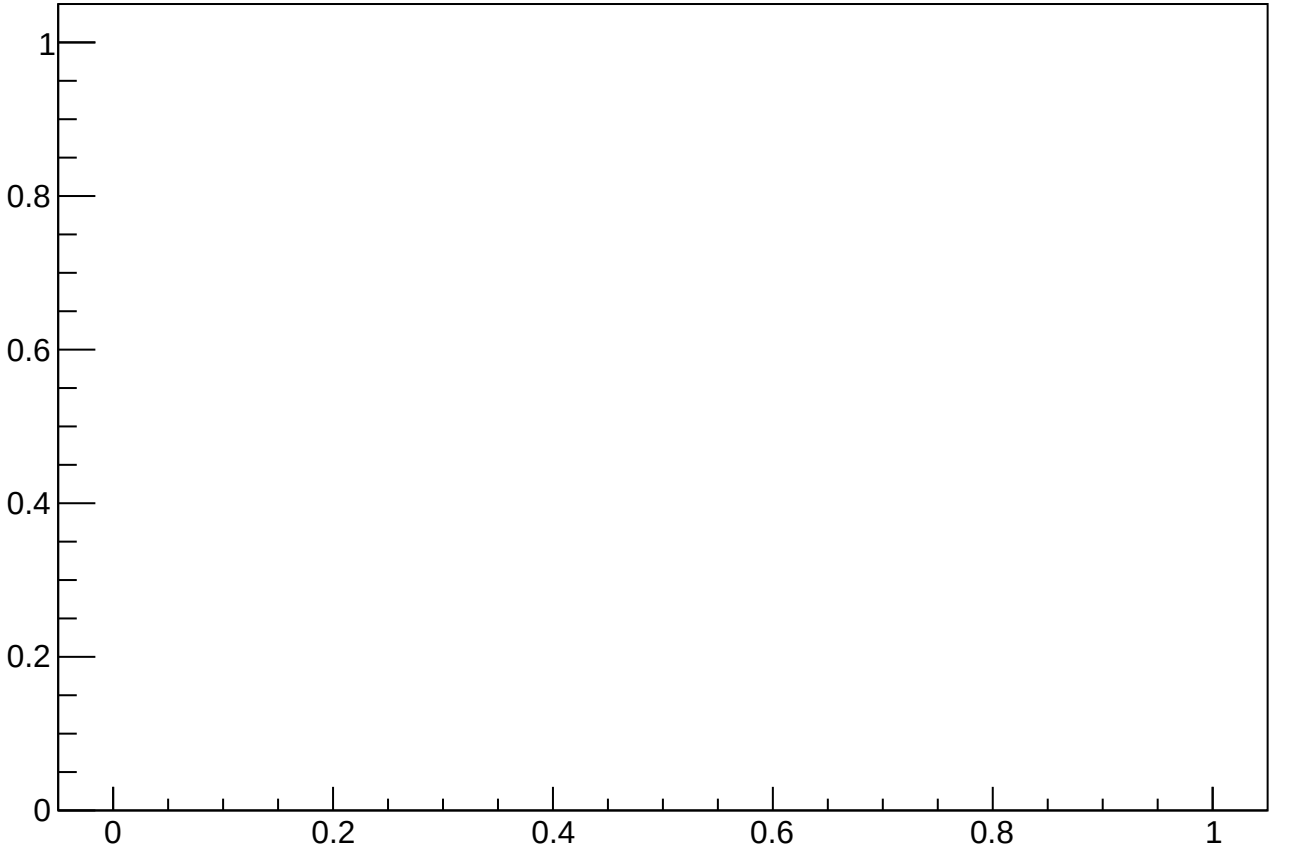
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

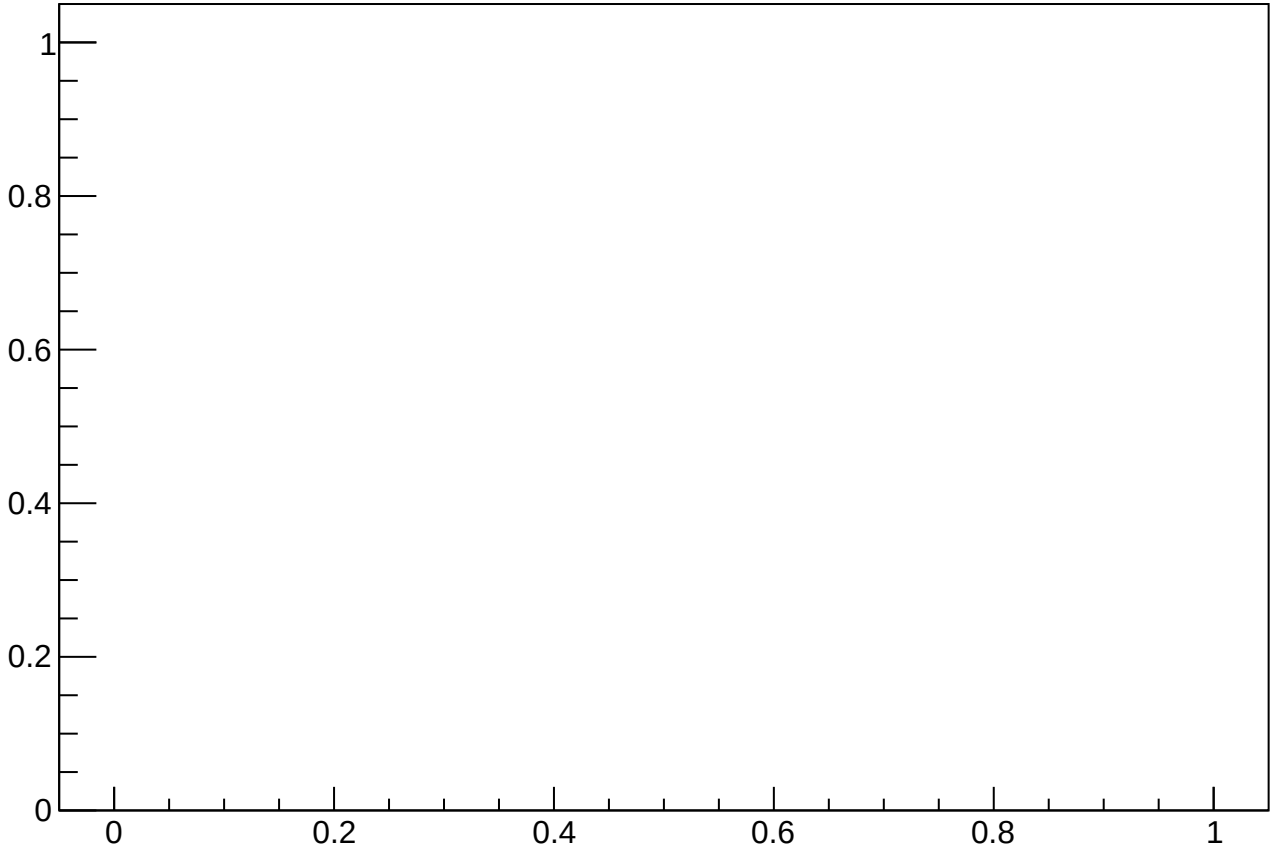
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam5_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

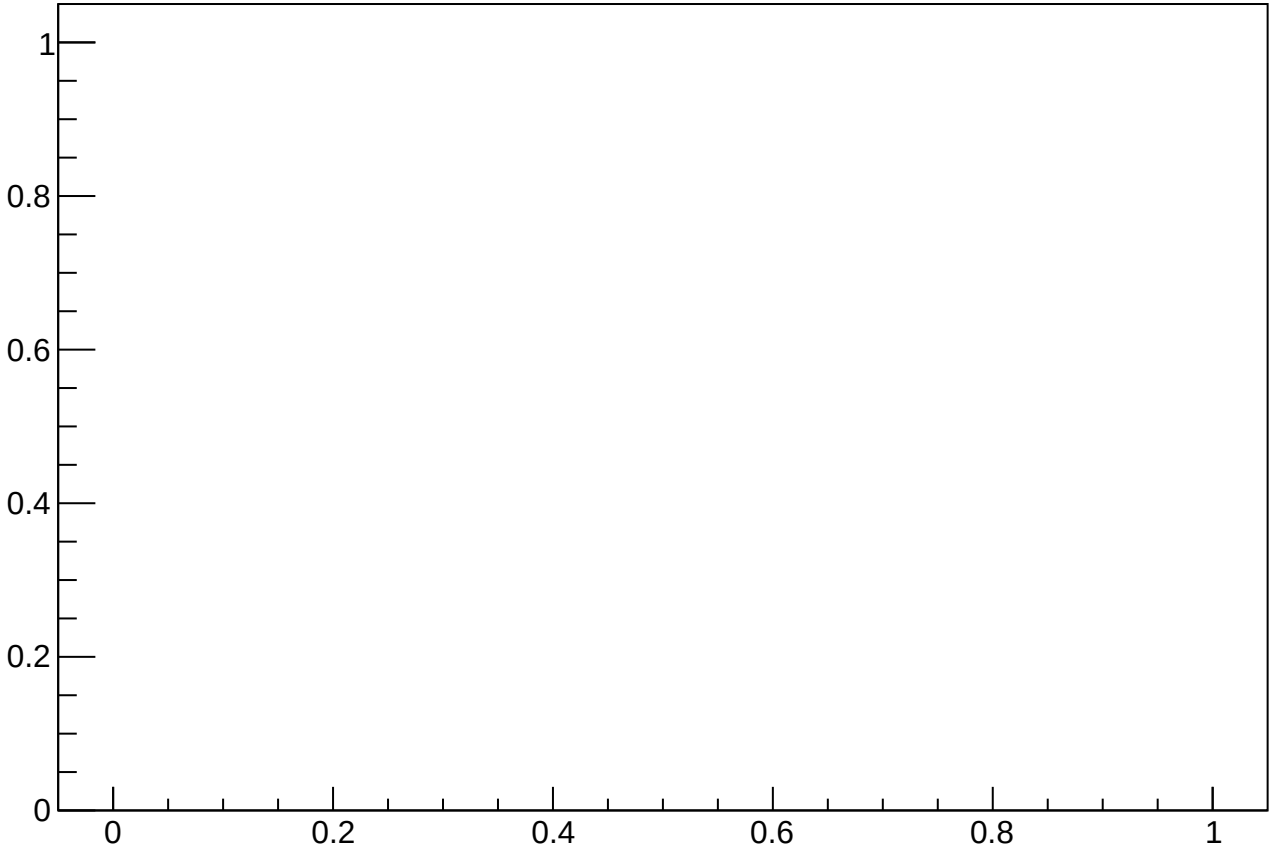
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

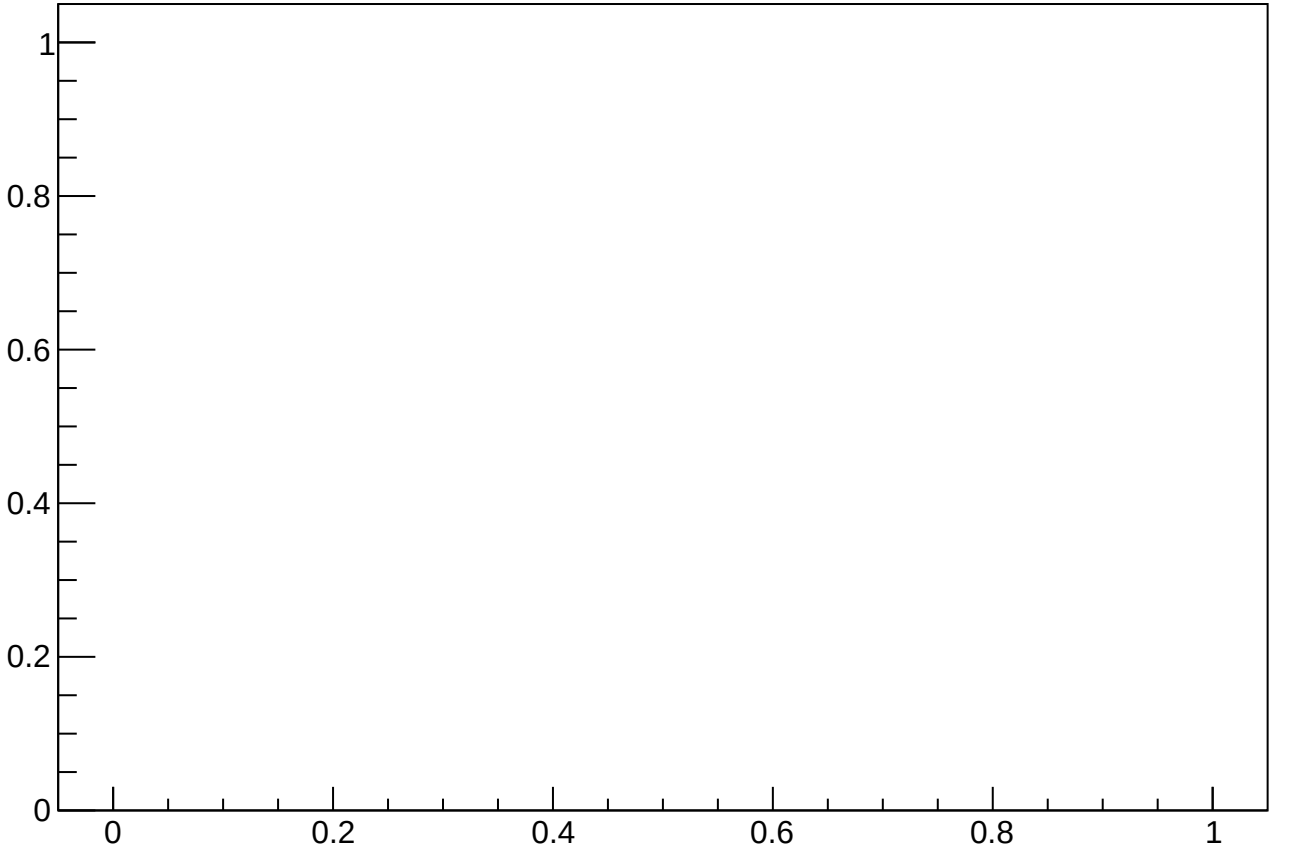
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

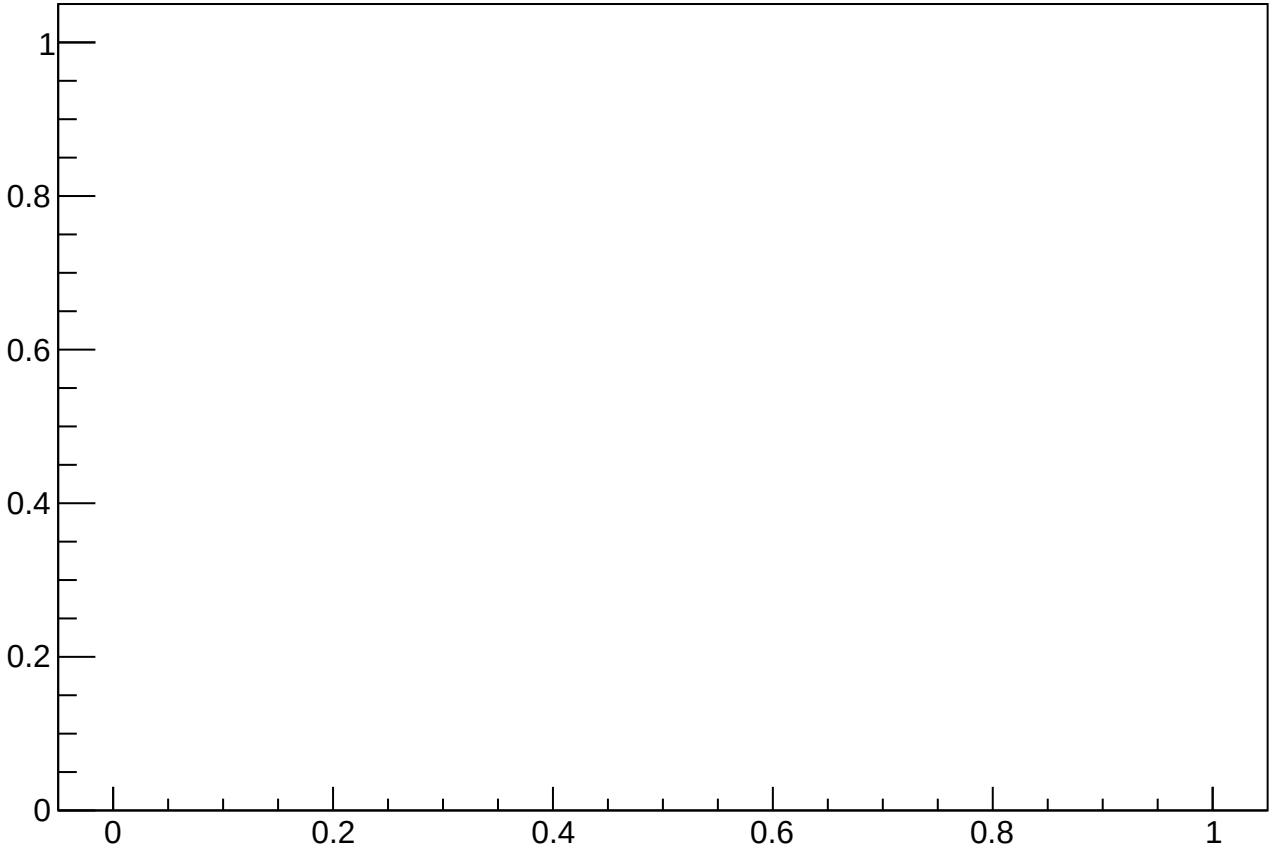
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam6_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

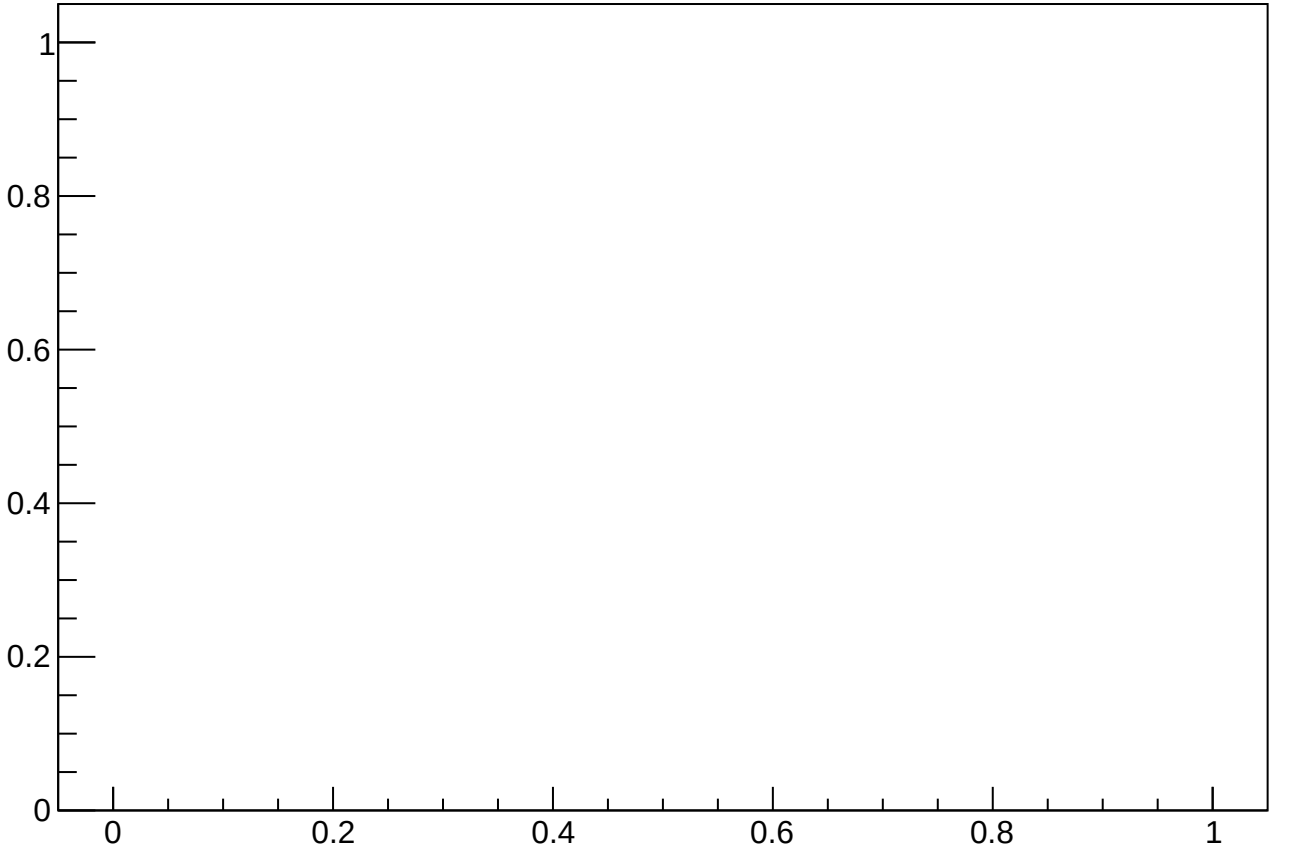
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

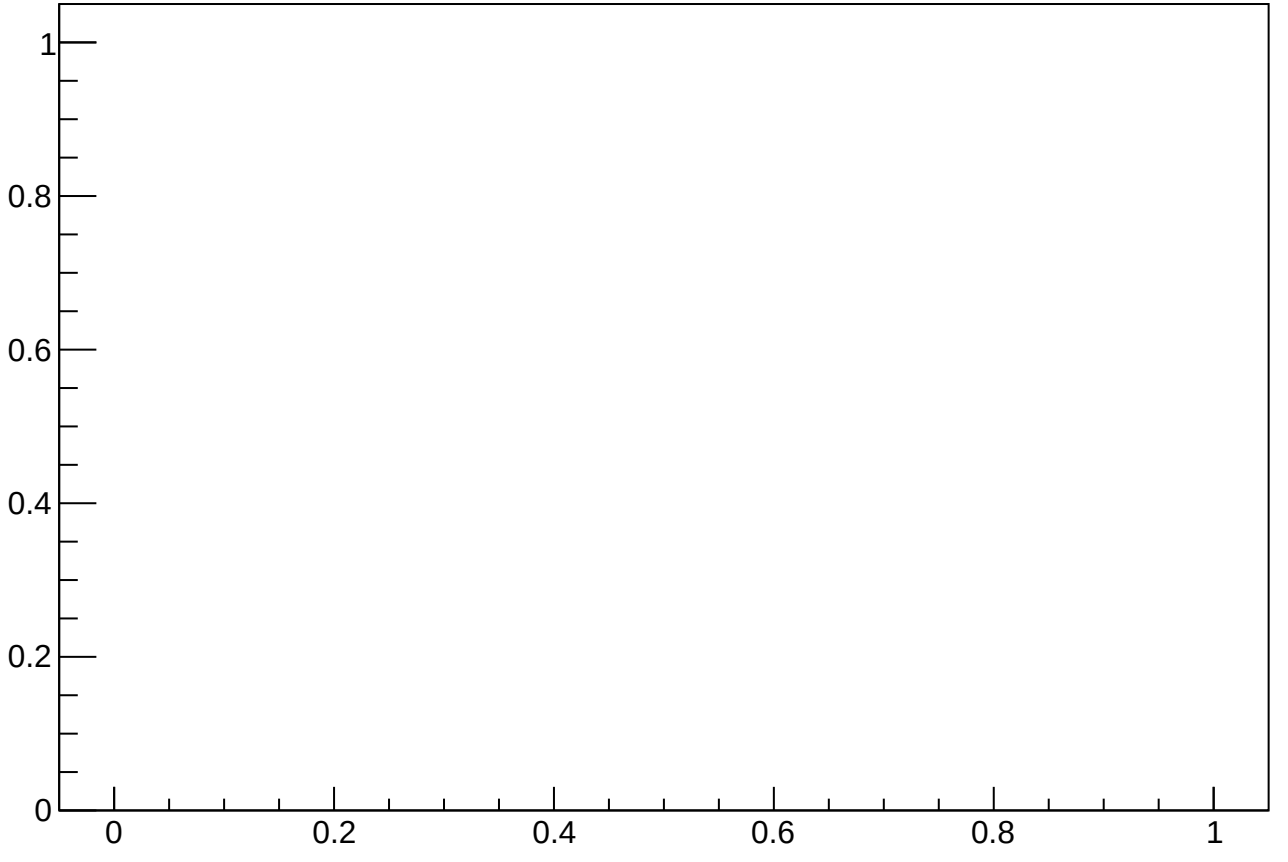
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

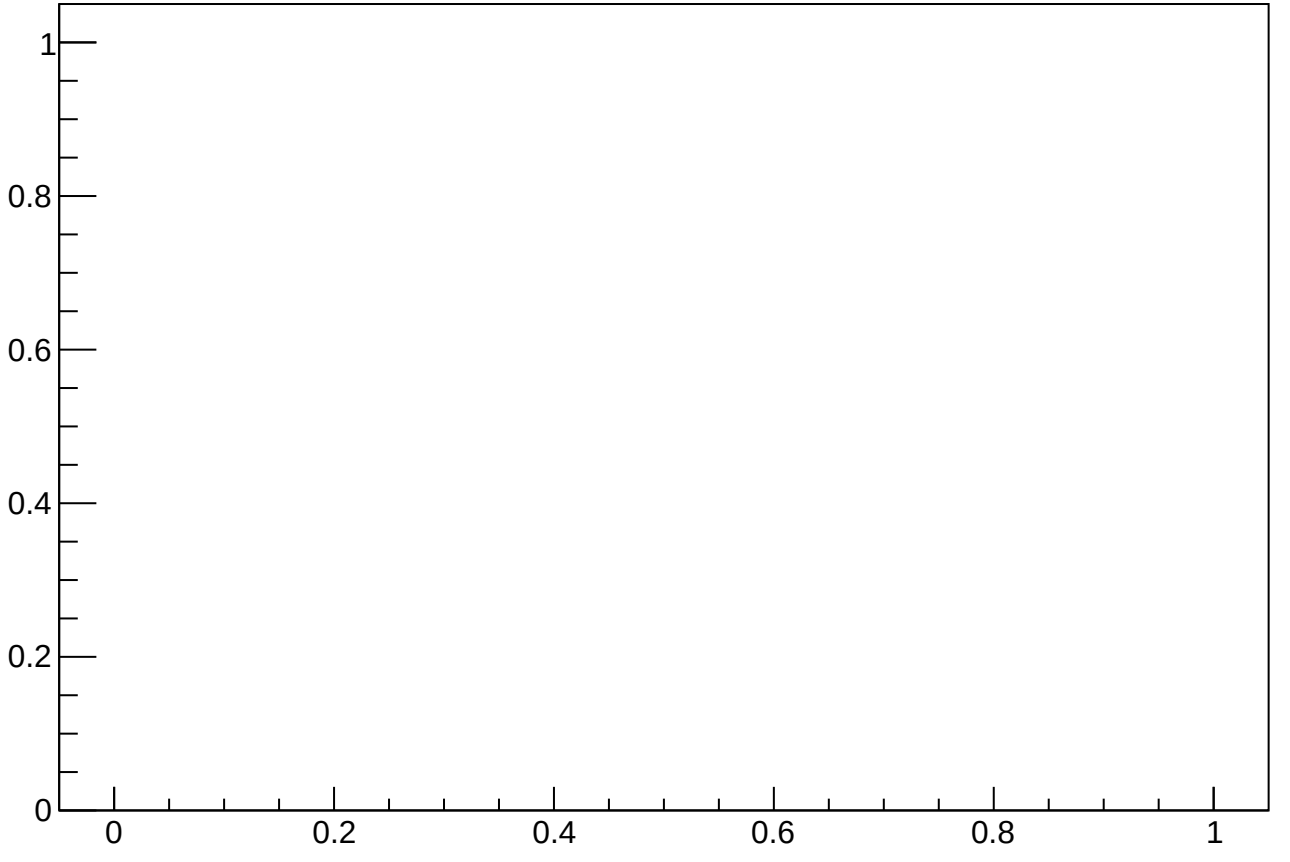
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam7_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

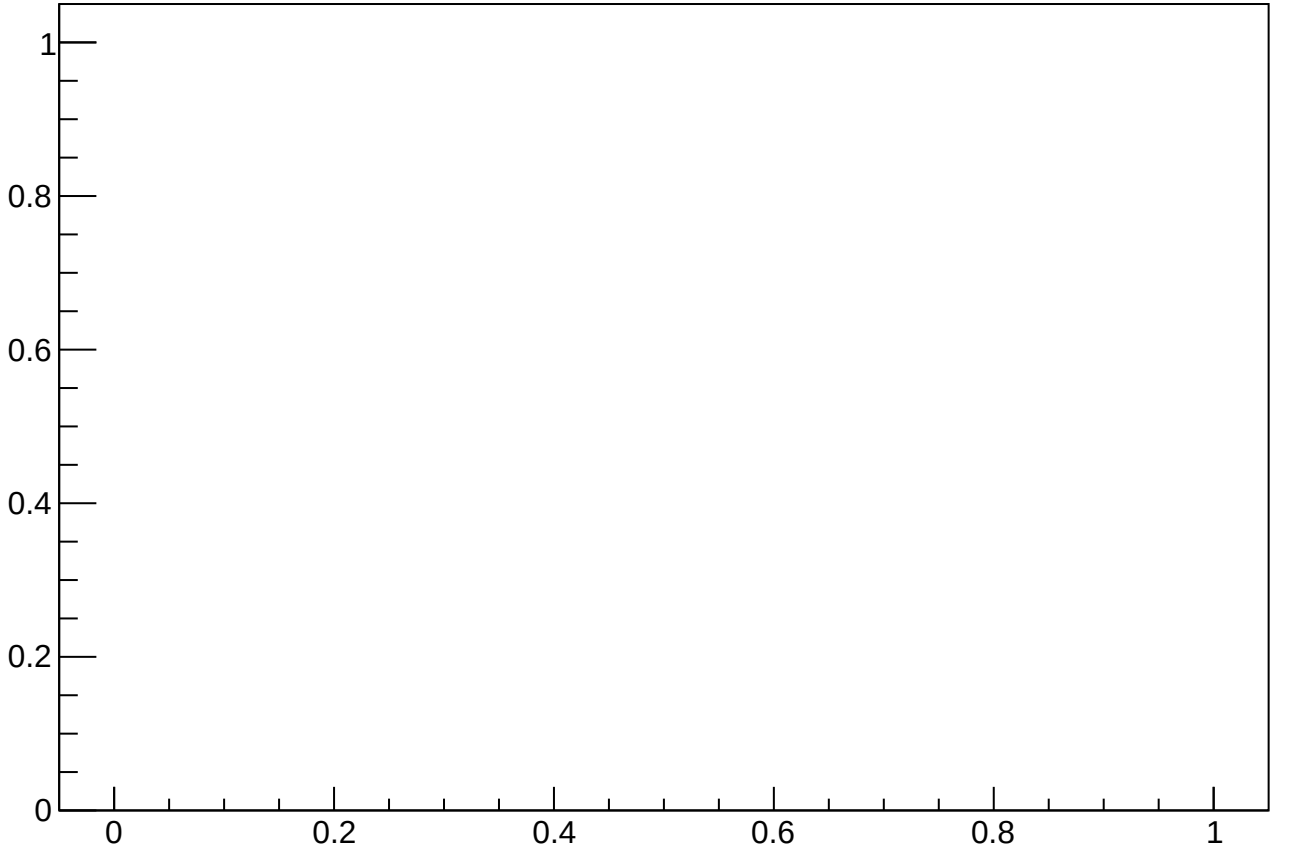
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil6_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

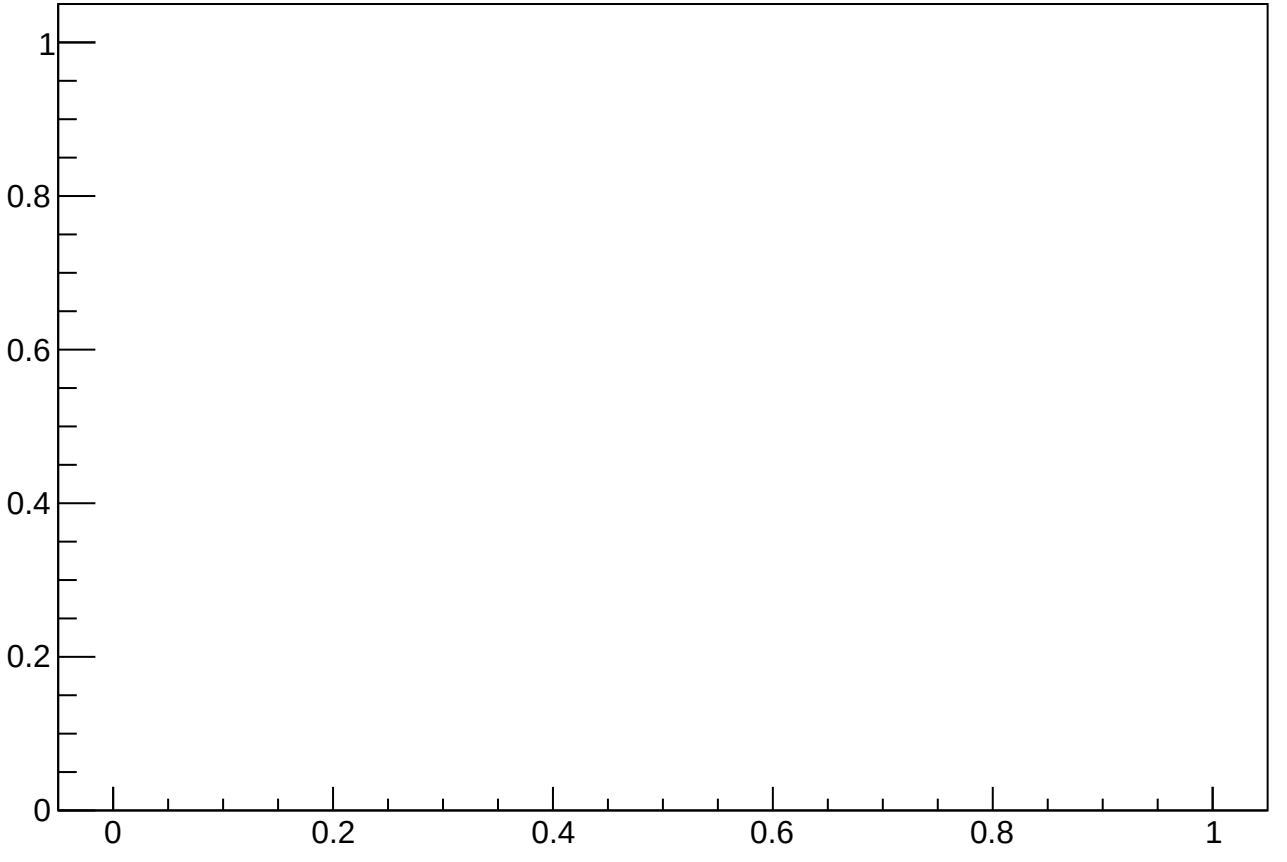
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil6_err_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

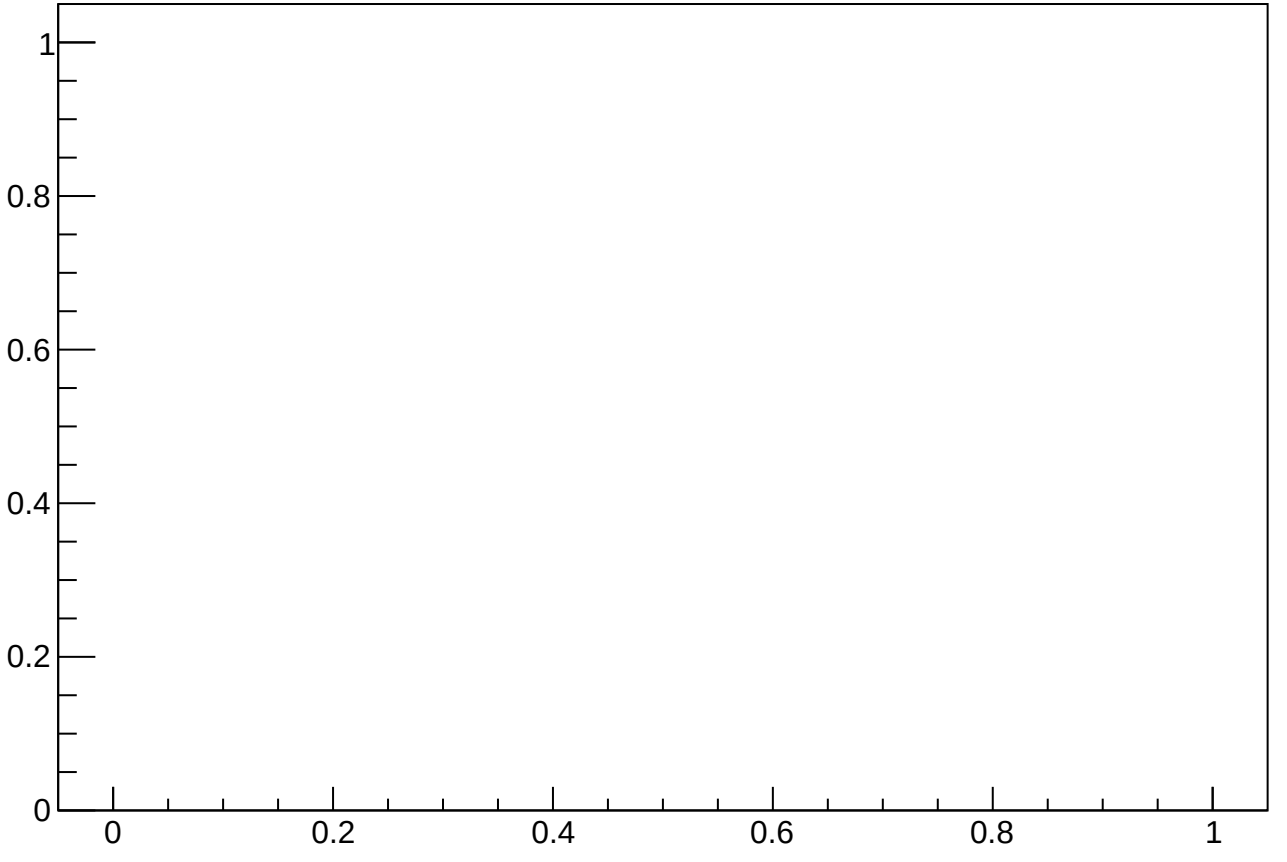
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_sam8_coil6_Ndata_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

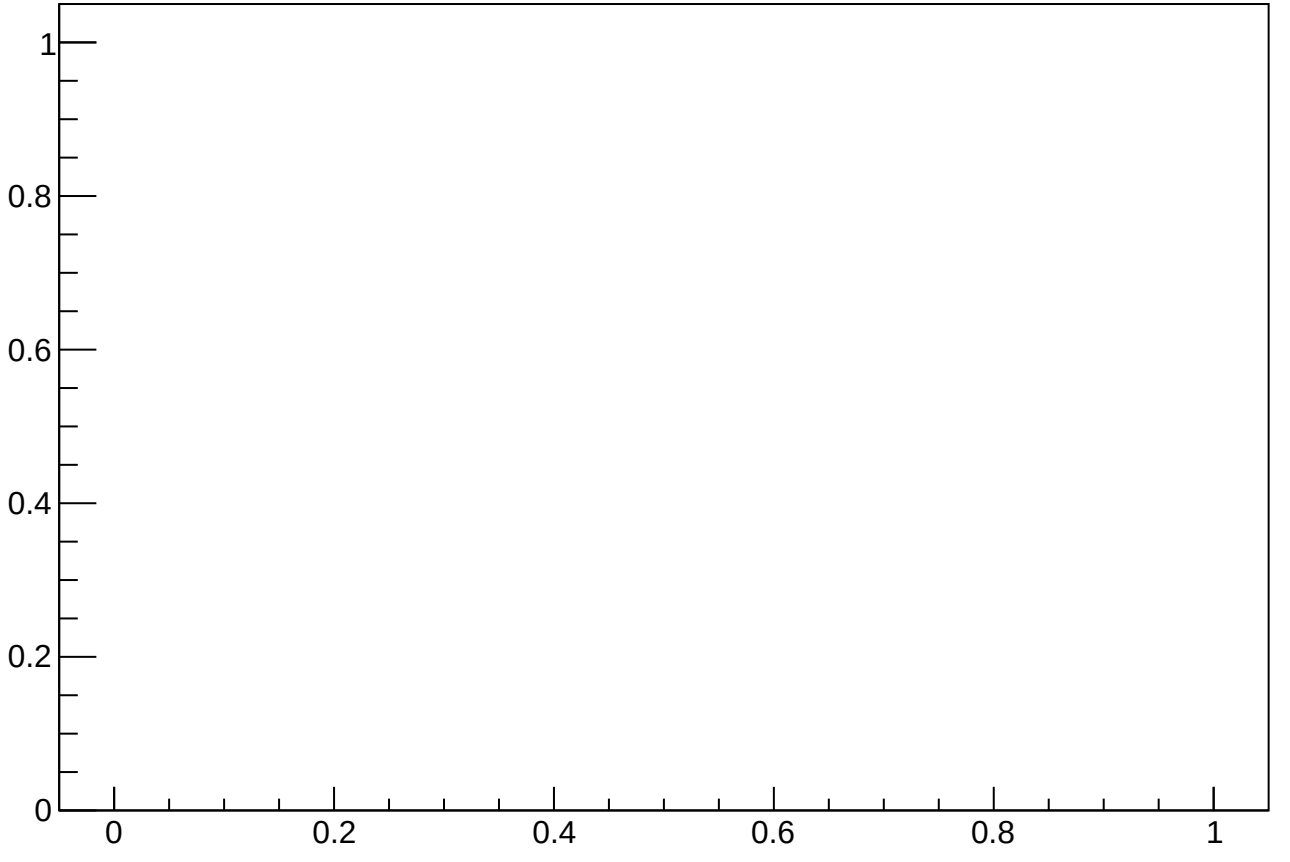
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_run_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

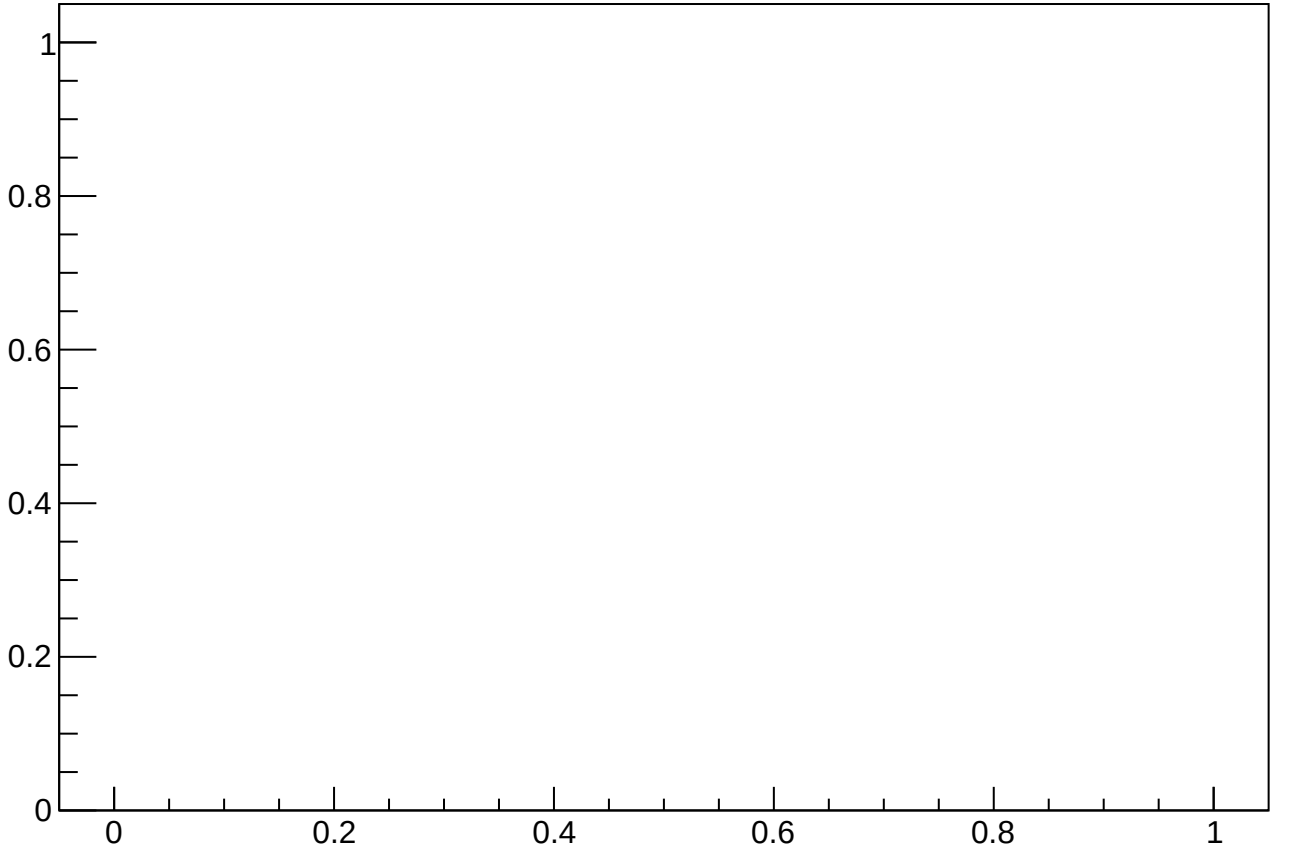
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_run_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

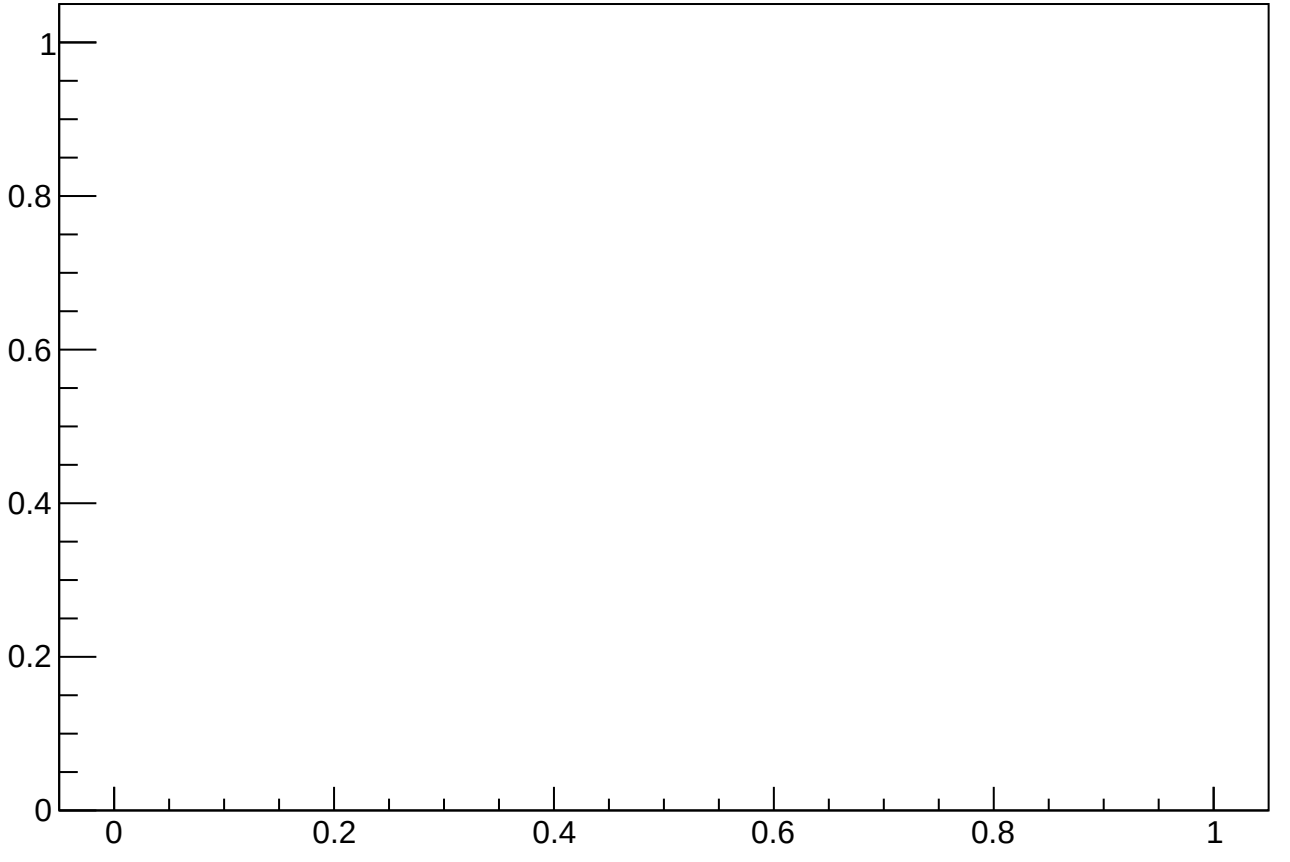
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_slug_slope vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

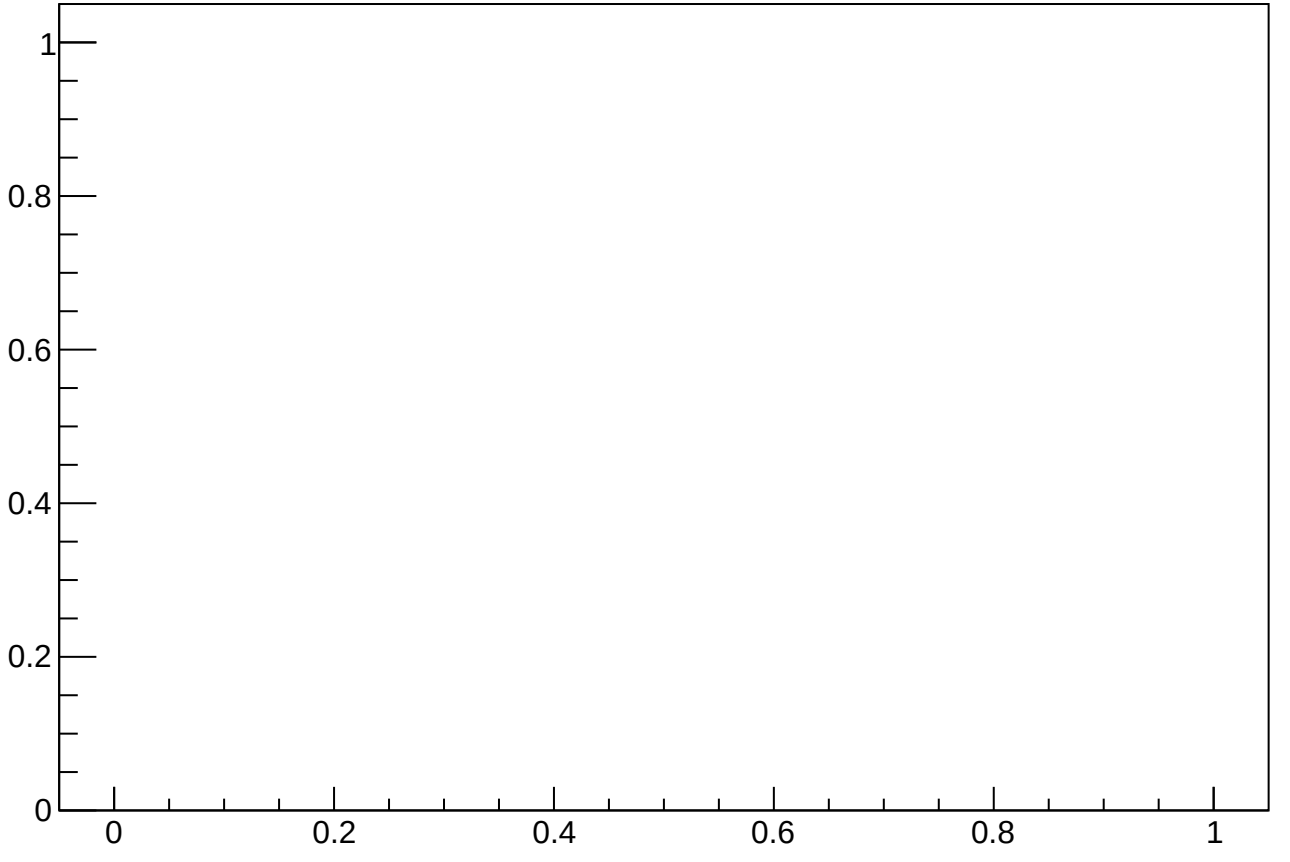
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_cyclenum_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

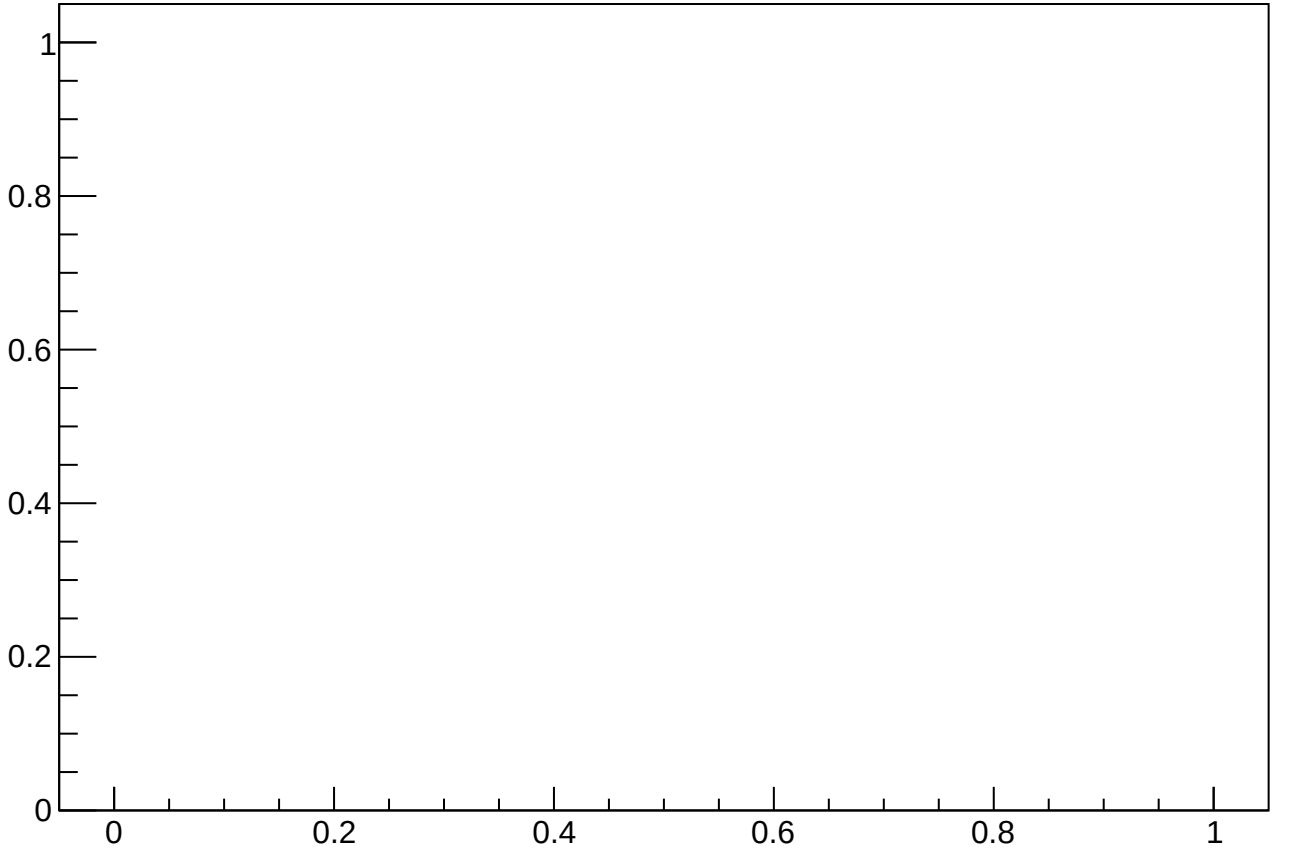
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_cyclenum_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

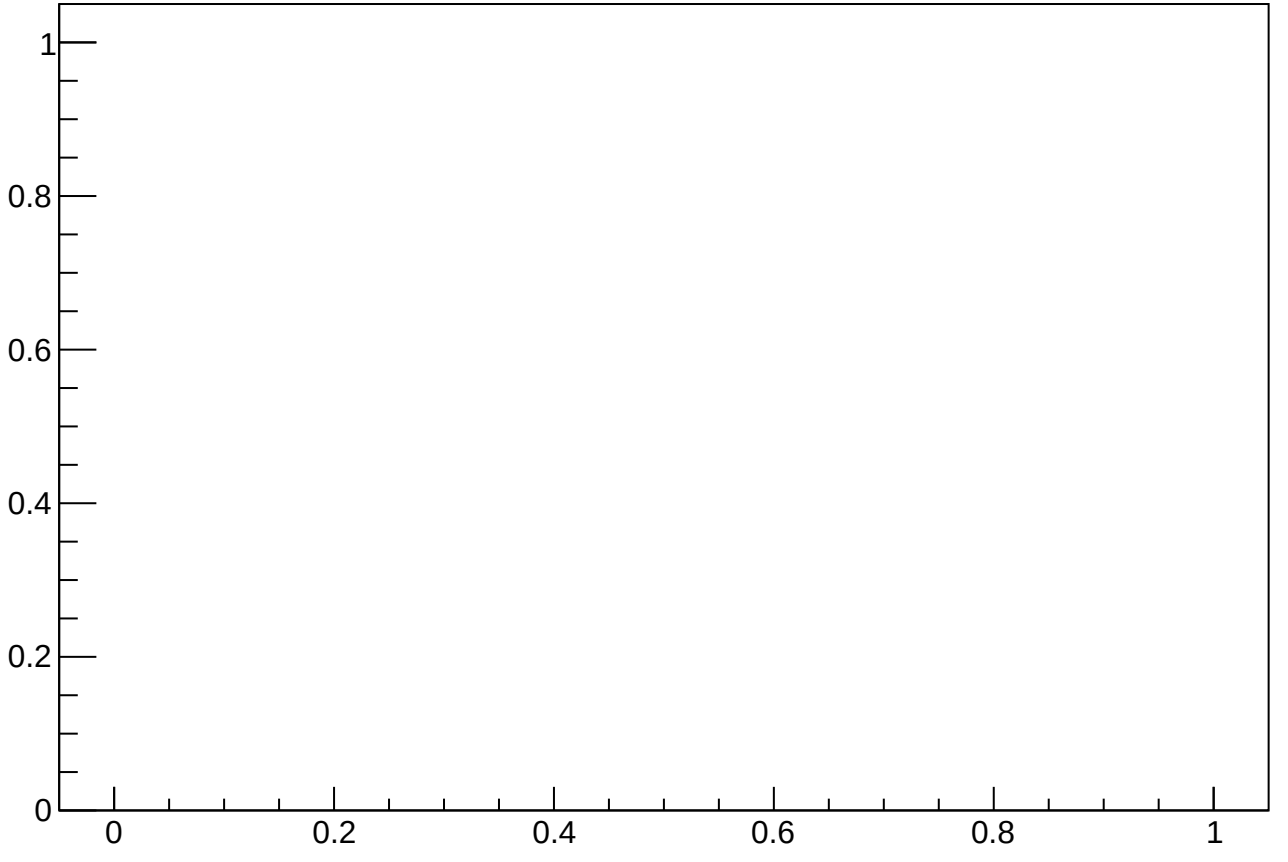
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_scandata1_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

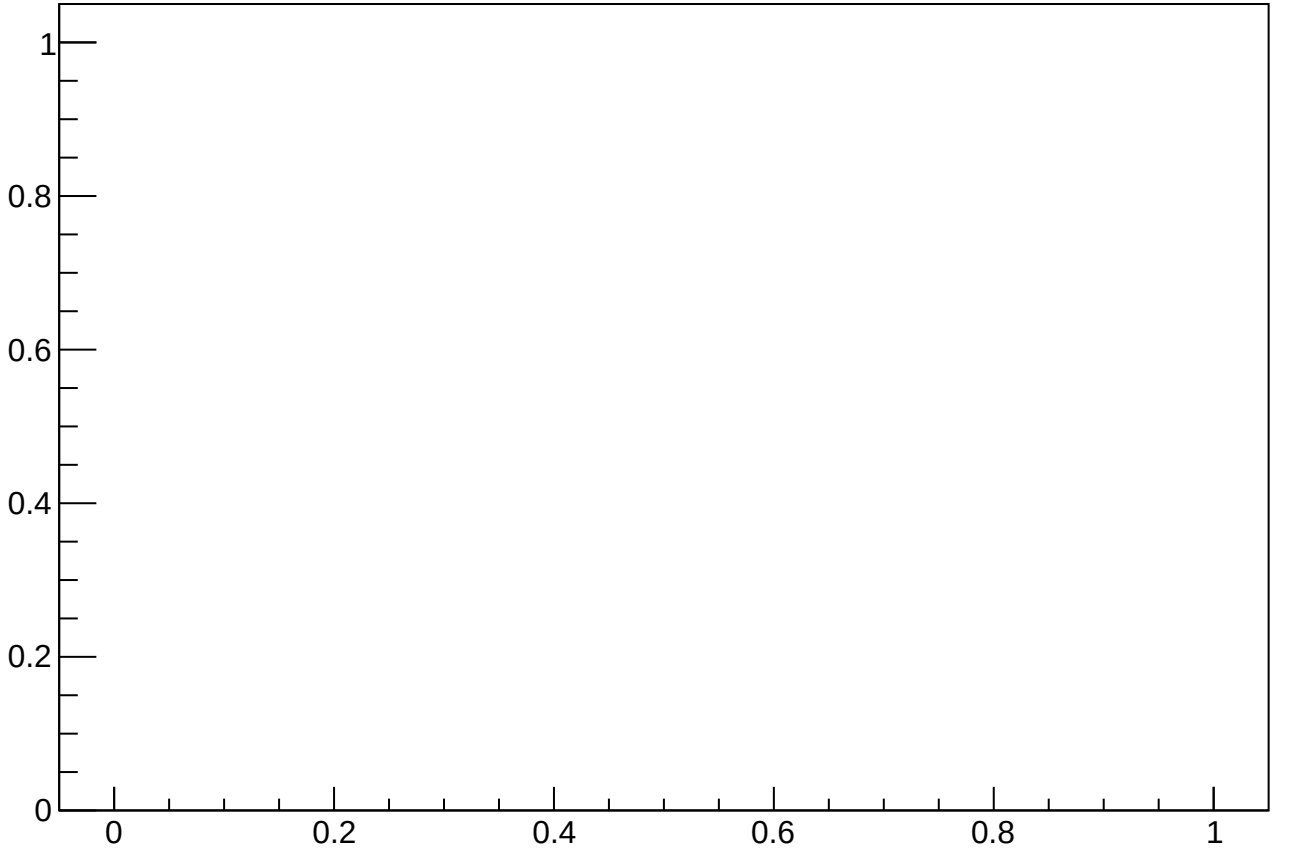
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_scandata1_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

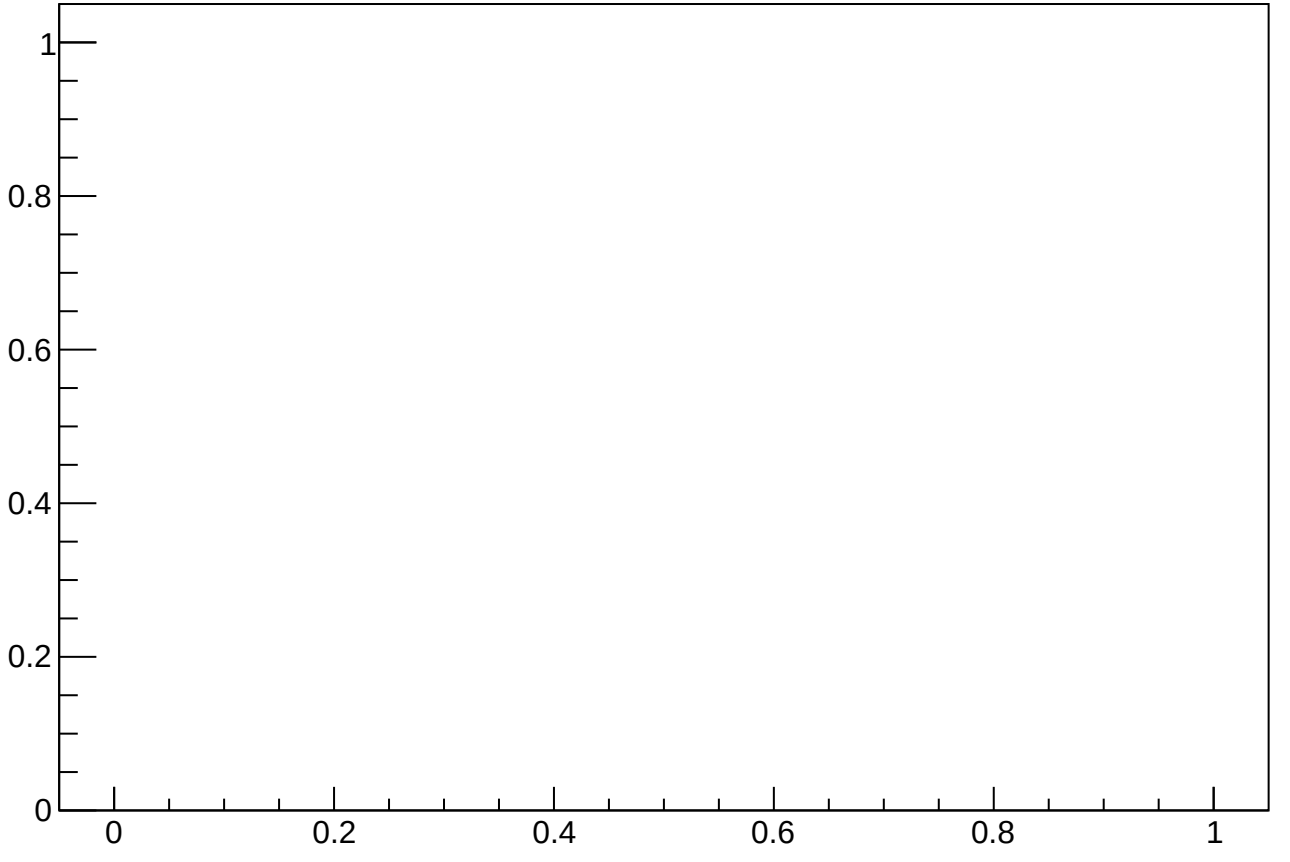
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_scandata2_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

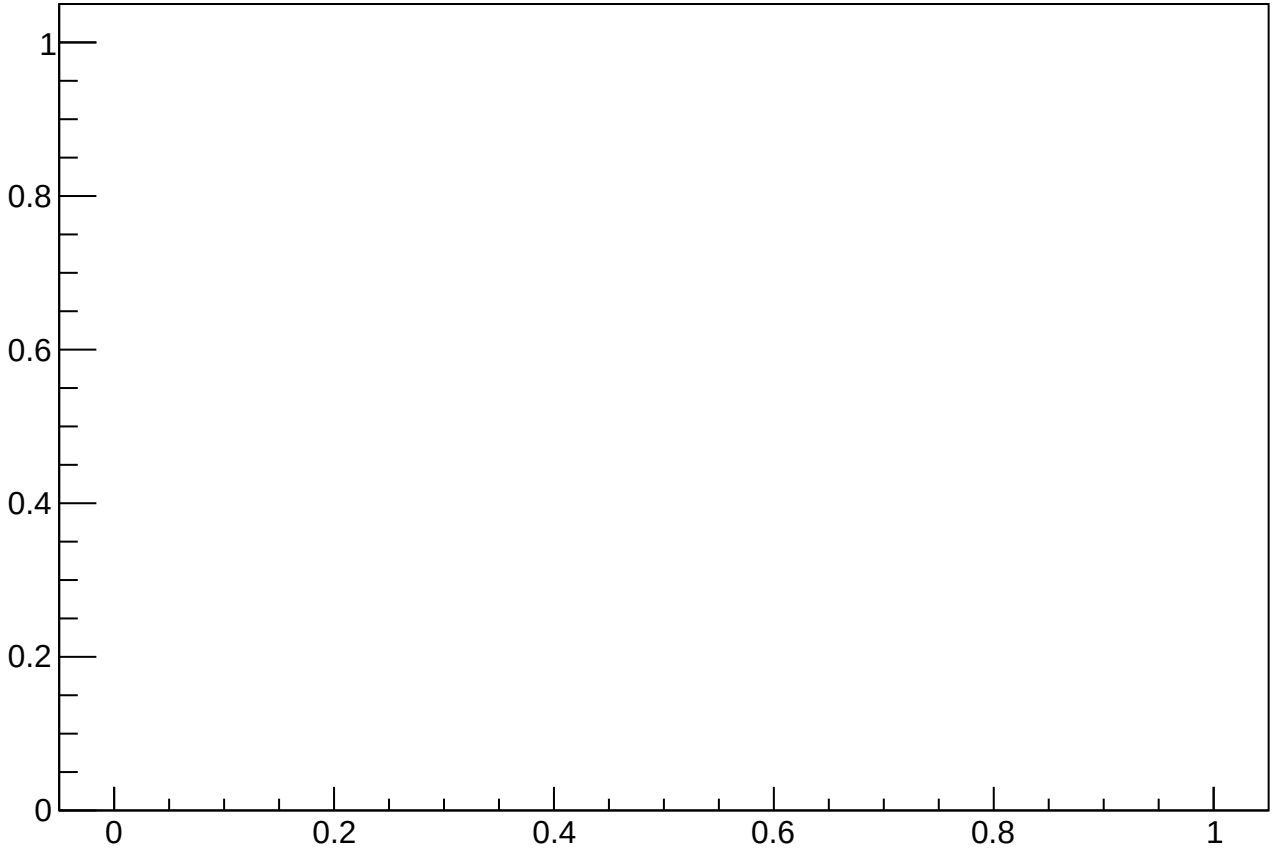
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_scandata2_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

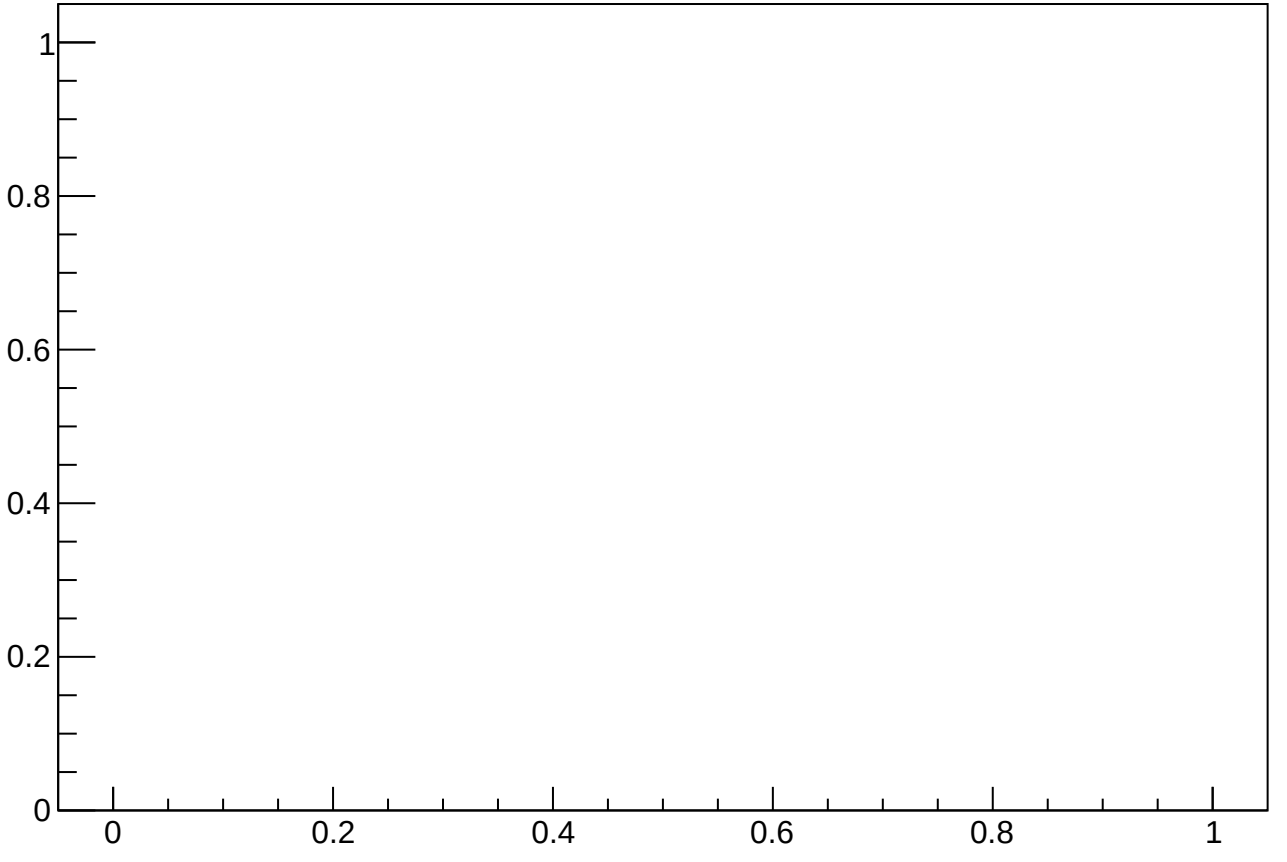
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_flag_mean vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

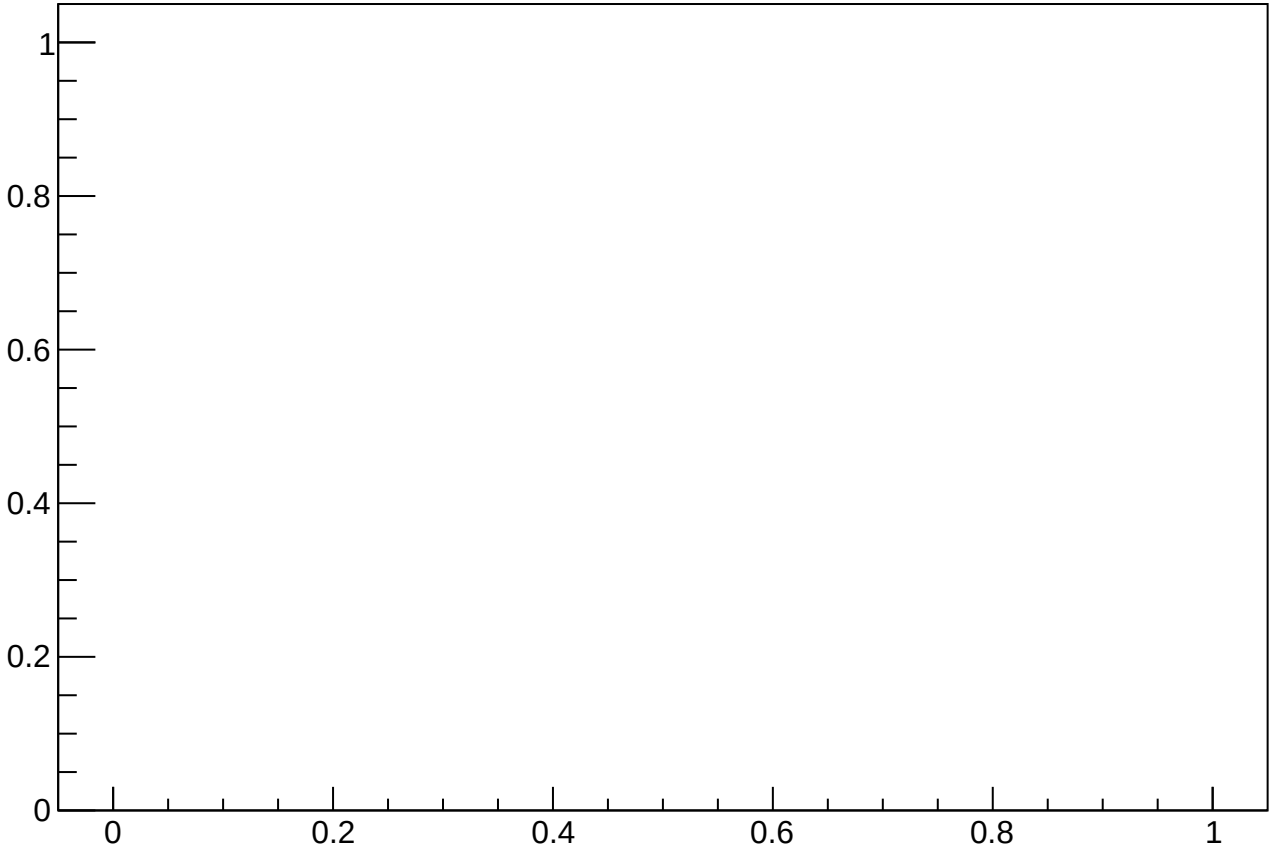
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_flag_rms vs Slug




Right In: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

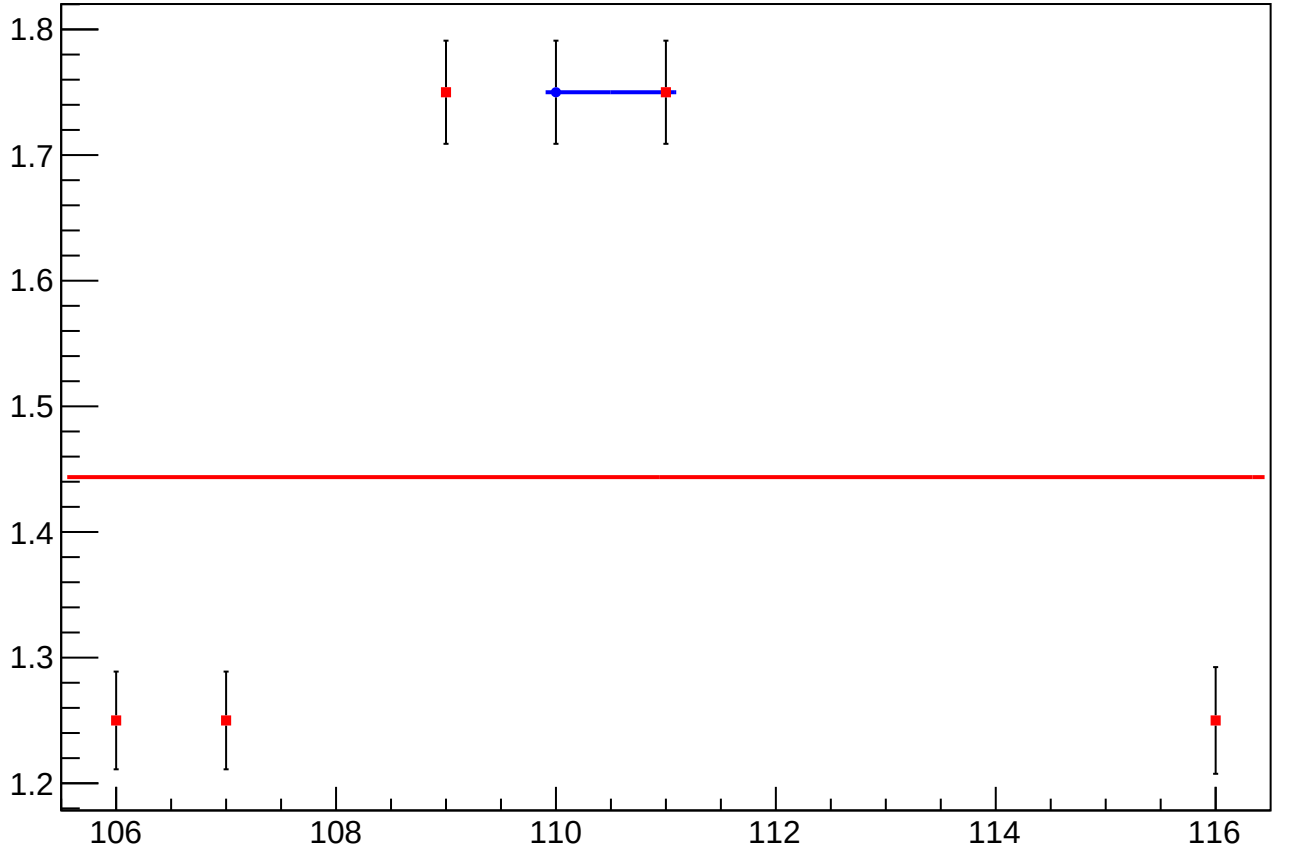
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# dit_segment_slope vs Slug




Right In: 1.750+/-0.041 $\chi^2$/NDF: 0.0/0

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.444+/-0.018 $\chi^2$/NDF: 181.8/4

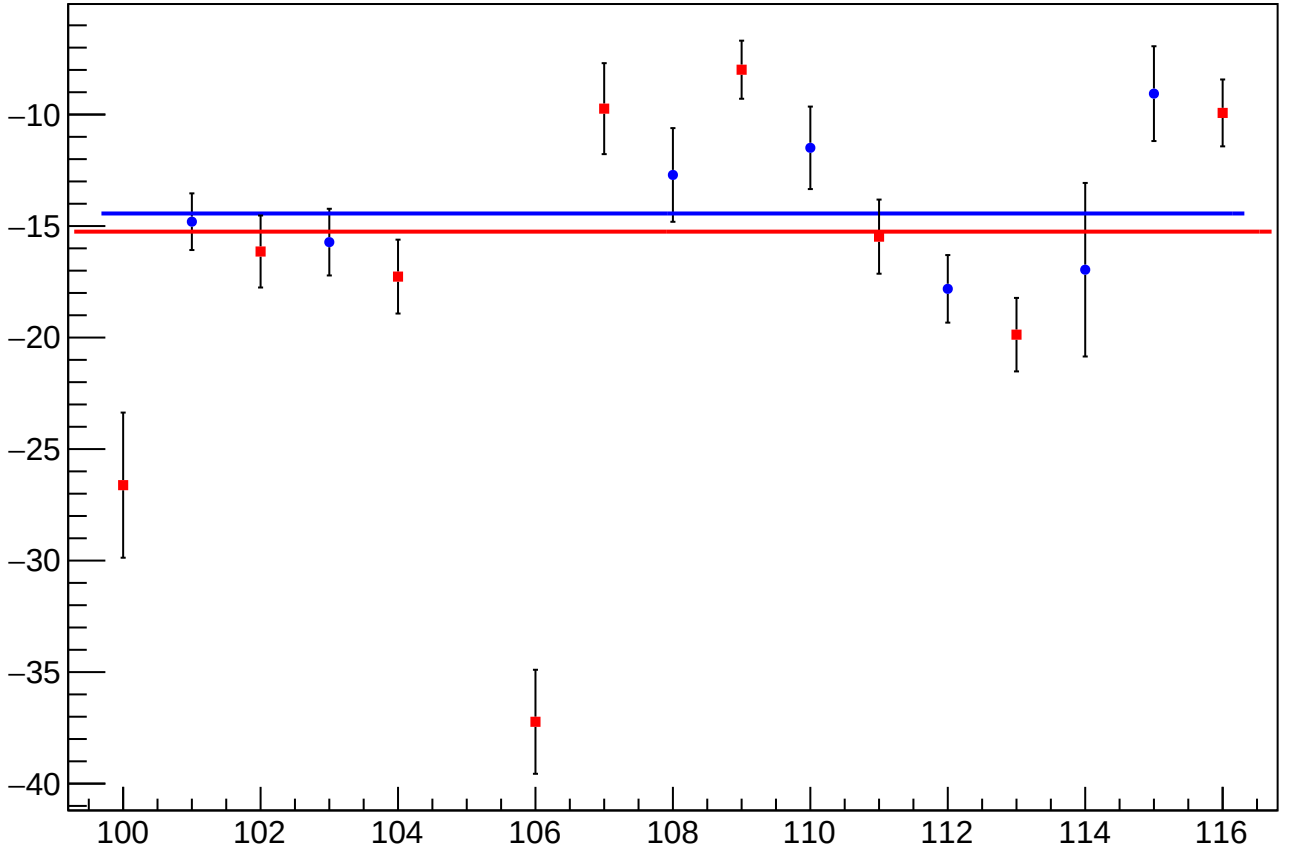
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.493+/-0.017 $\chi^2$/NDF: 228.4/5

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam1_diff_bpm4aX_slope vs Slug




Right In: -14.437+/-0.658 $\chi^2$/NDF: 15.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -15.251+/-0.574 $\chi^2$/NDF: 161.7/8

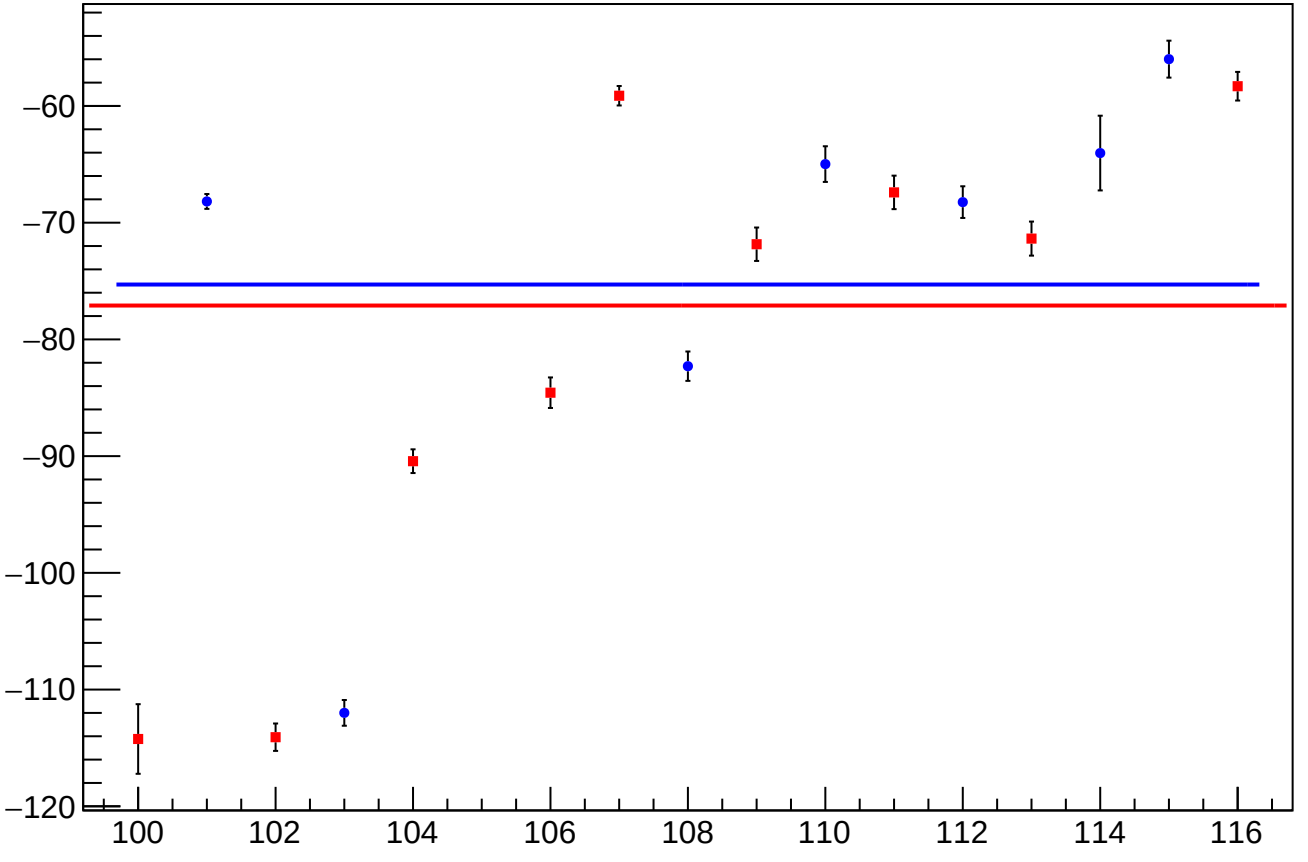
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -14.899+/-0.433 $\chi^2$/NDF: 178.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam1_diff_bpm4aY_slope vs Slug




Right In: -75.299+/-0.431 $\chi^2$/NDF: 1498.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -77.098+/-0.410 $\chi^2$/NDF: 2126.3/8

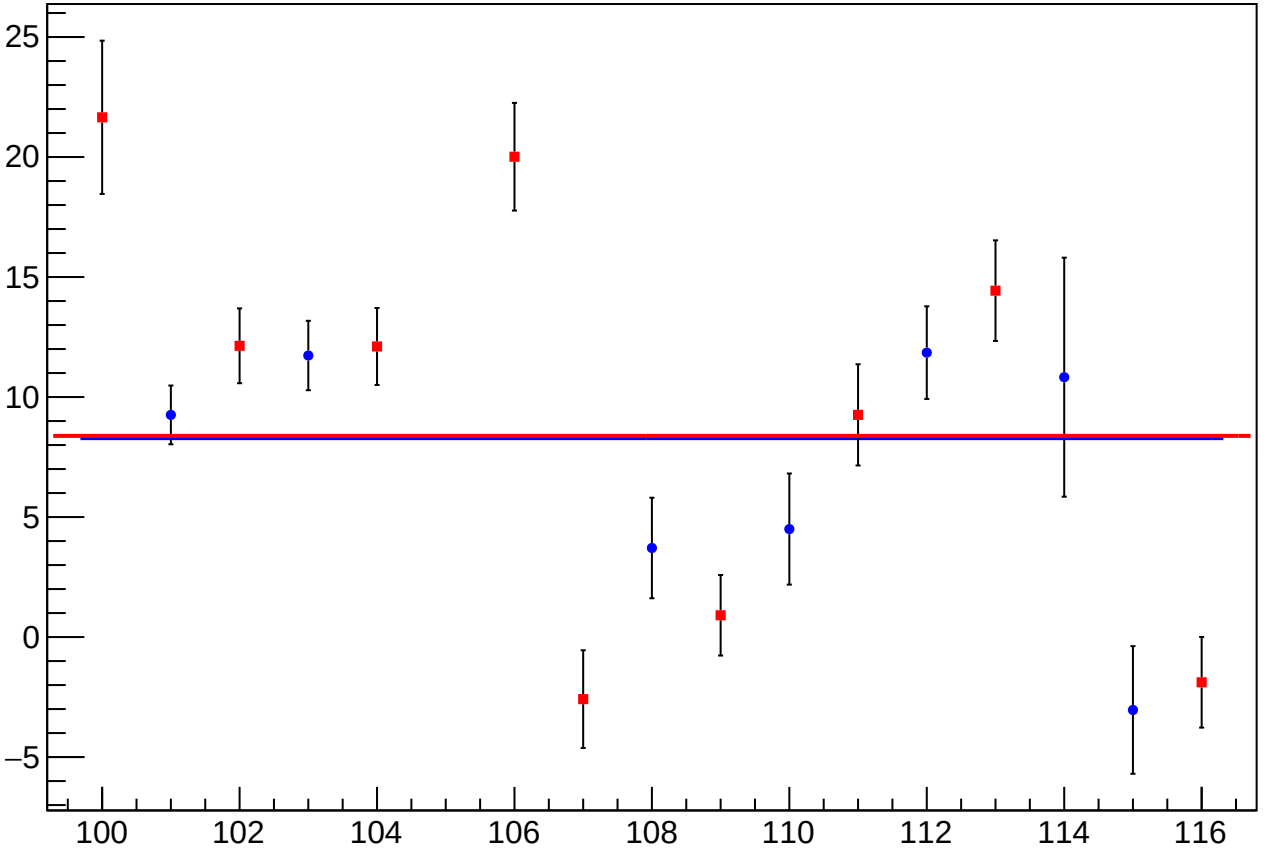
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -76.242+/-0.297 $\chi^2$/NDF: 3633.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam1_diff_bpm4eX_slope vs Slug




Right In: 8.288+/-0.705 $\chi^2$/NDF: 35.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 8.382+/-0.642 $\chi^2$/NDF: 142.3/8

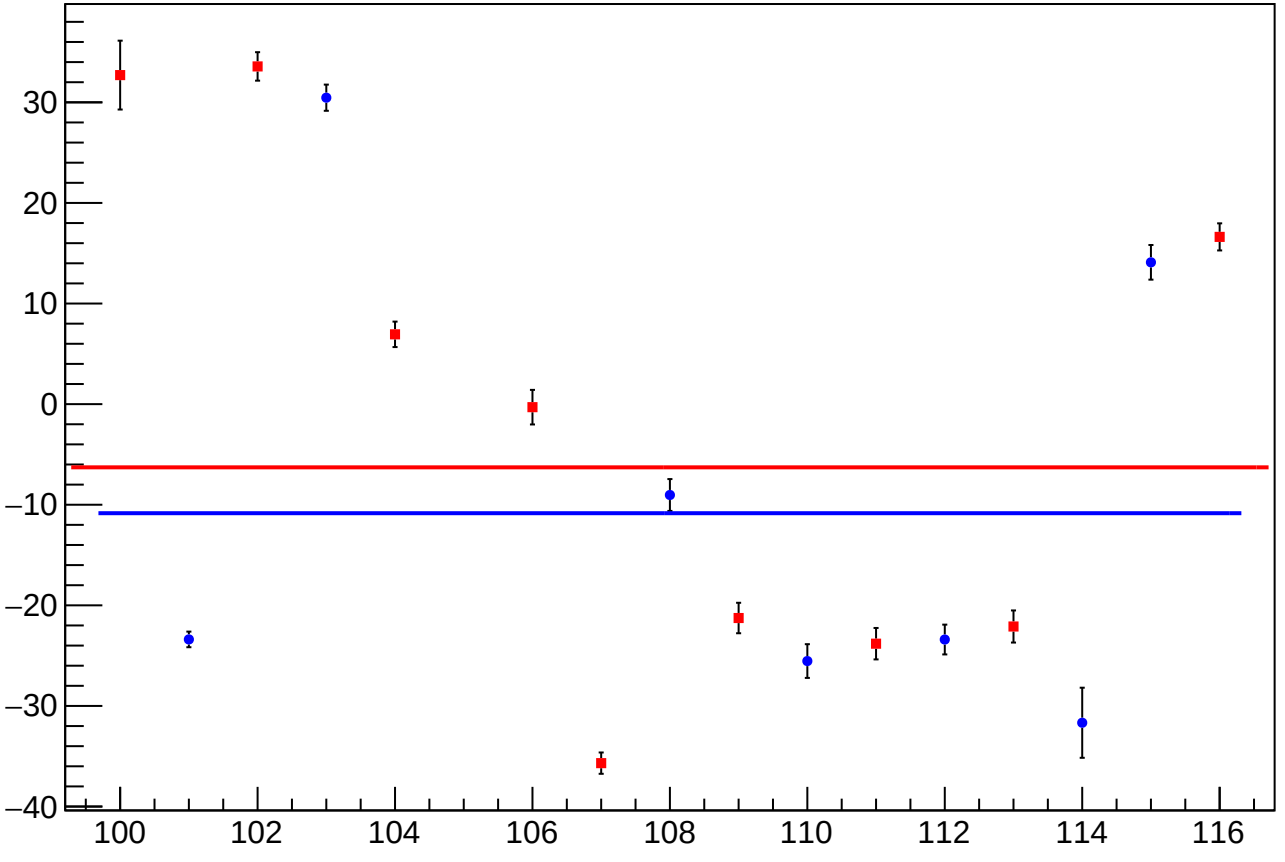
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 8.339+/-0.475 $\chi^2$/NDF: 177.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam1_diff_bpm4eY_slope vs Slug




Right In: -10.841+/-0.507 $\chi^2$/NDF: 1664.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -6.283+/-0.486 $\chi^2$/NDF: 2426.1/8

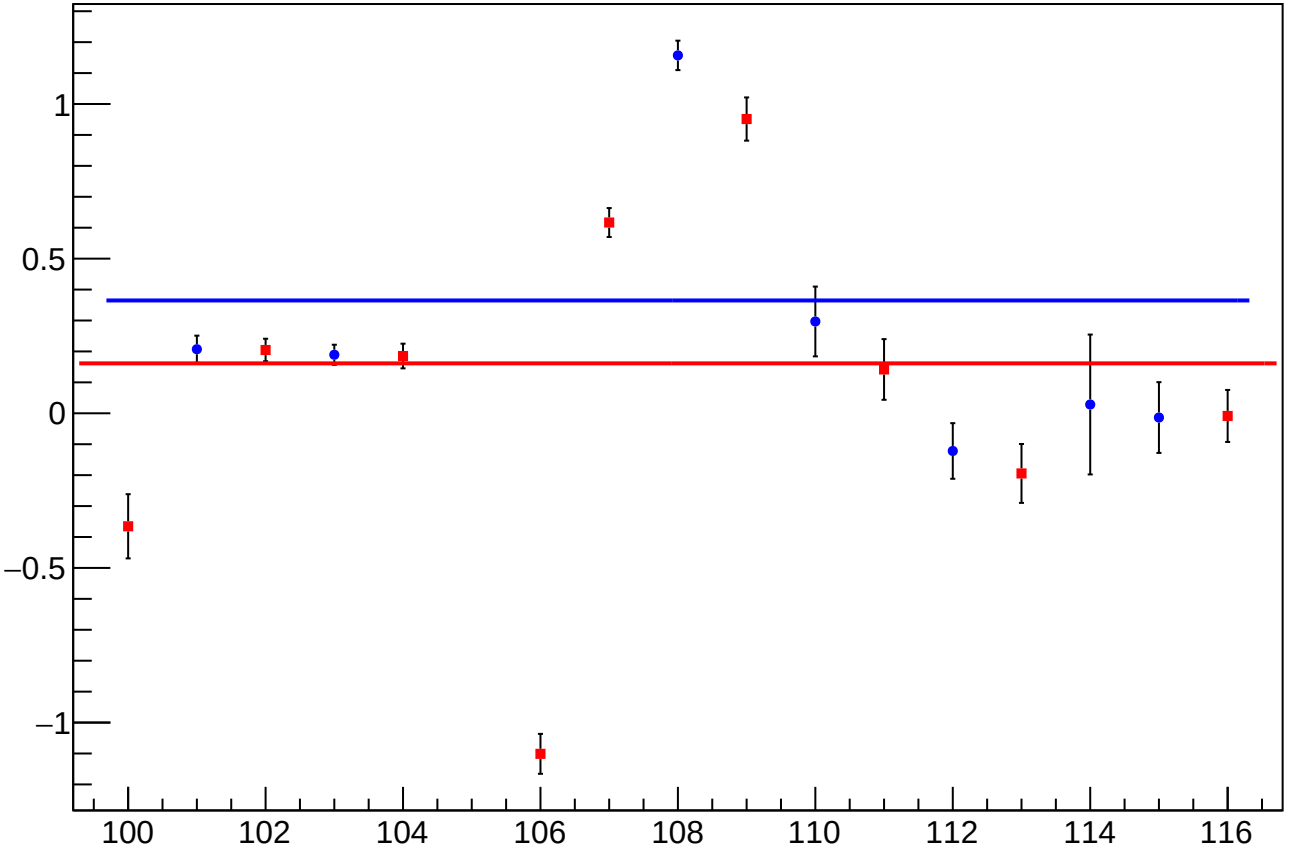
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -8.465+/-0.351 $\chi^2$/NDF: 4132.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam1_diff_bpm12X_slope vs Slug




Right In: 0.365+/-0.021 $\chi^2$/NDF: 362.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.161+/-0.019 $\chi^2$/NDF: 651.2/8

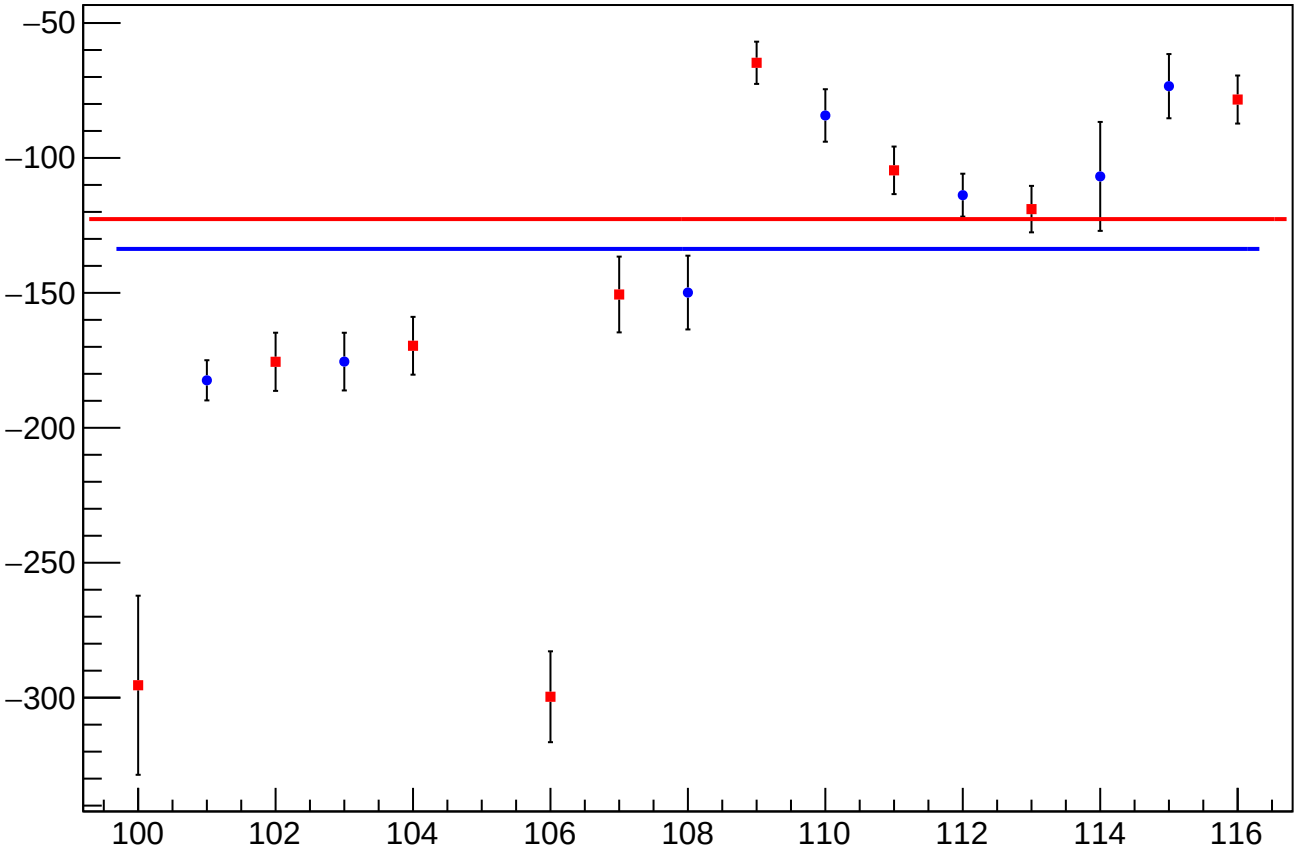
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.252+/-0.014 $\chi^2$/NDF: 1064.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam2_diff_bpm4aX_slope vs Slug




Right In: -133.712+/-3.833 $\chi^2$/NDF: 119.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -122.659+/-3.489 $\chi^2$/NDF: 268.7/8

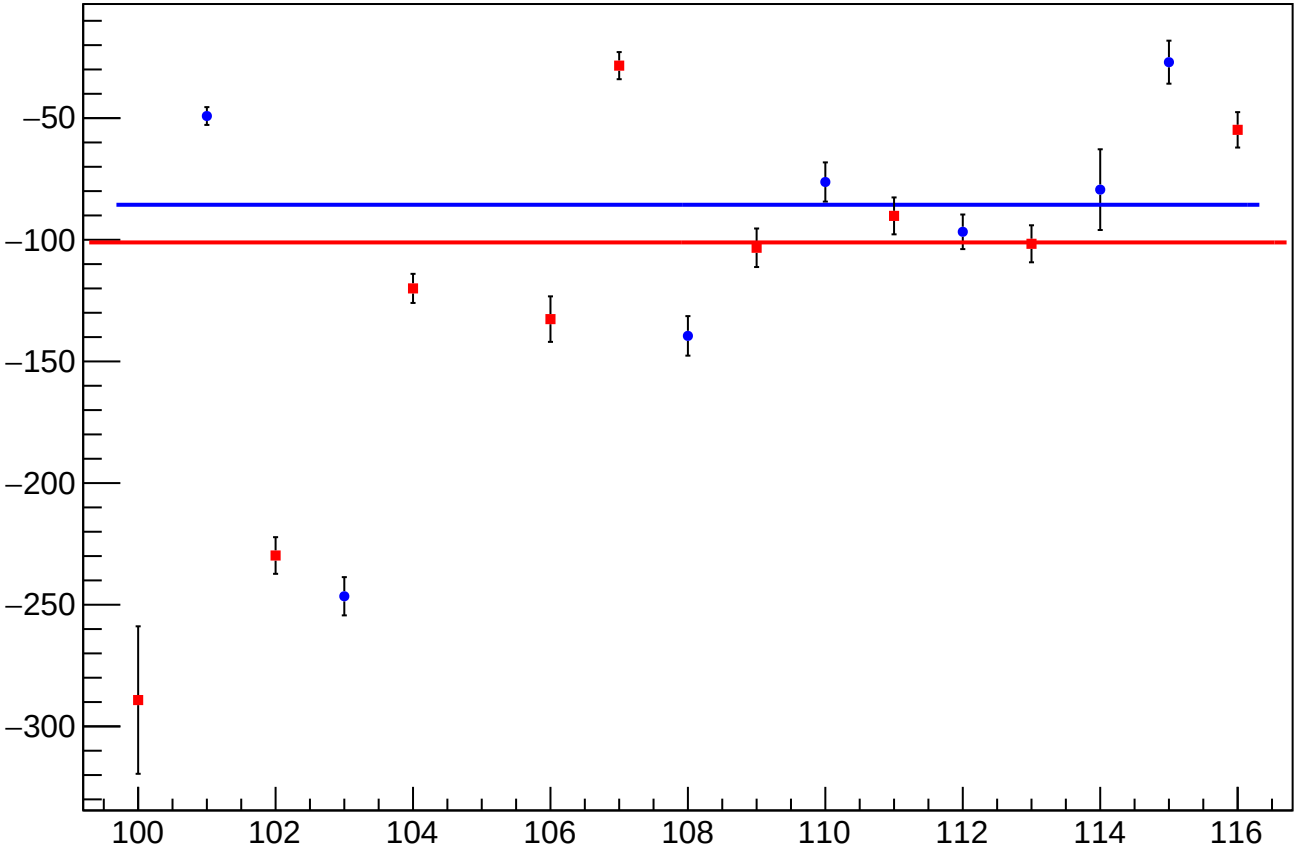
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -127.667+/-2.580 $\chi^2$/NDF: 392.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam2_diff_bpm4aY_slope vs Slug




Right In: -85.611+/-2.519 $\chi^2$/NDF: 610.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -101.088+/-2.502 $\chi^2$/NDF: 564.1/8

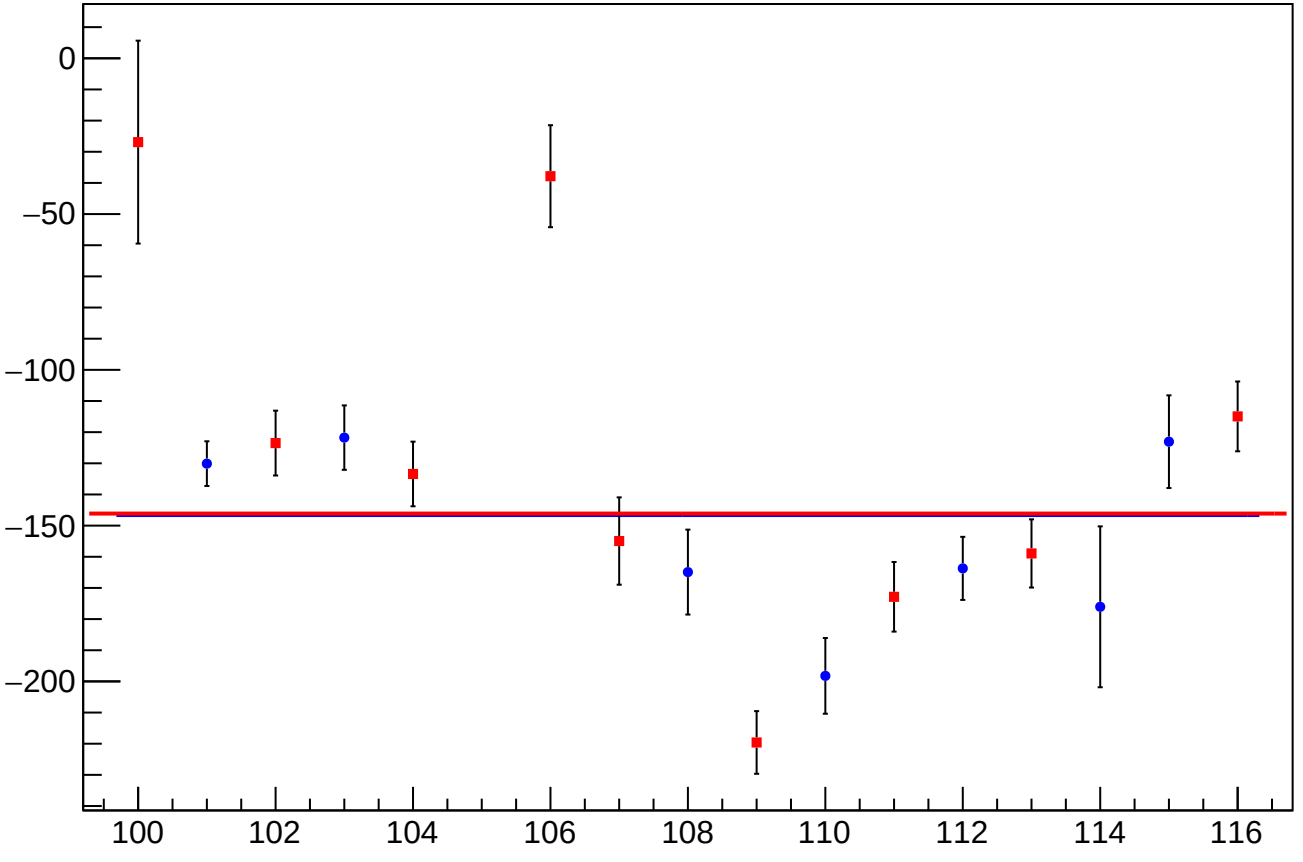
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -93.403+/-1.775 $\chi^2$/NDF: 1193.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam2_diff_bpm4eX_slope vs Slug




Right In: -146.602+/-4.199 $\chi^2$/NDF: 37.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -146.132+/-3.999 $\chi^2$/NDF: 132.0/8

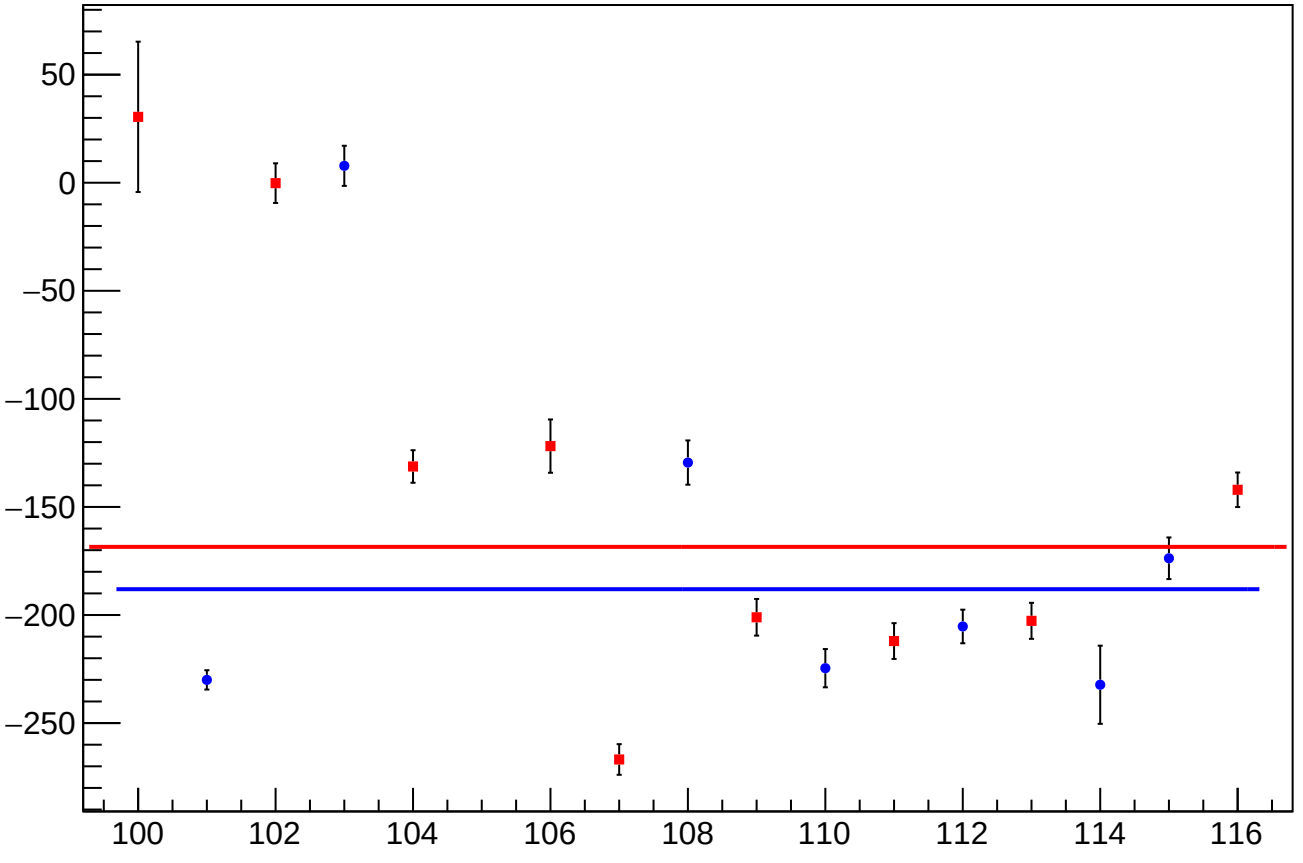
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -146.356+/-2.896 $\chi^2$/NDF: 169.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam2_diff_bpm4eY_slope vs Slug




Right In: -188.055+/-2.957 $\chi^2$/NDF: 596.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -168.471+/-2.944 $\chi^2$/NDF: 670.7/8

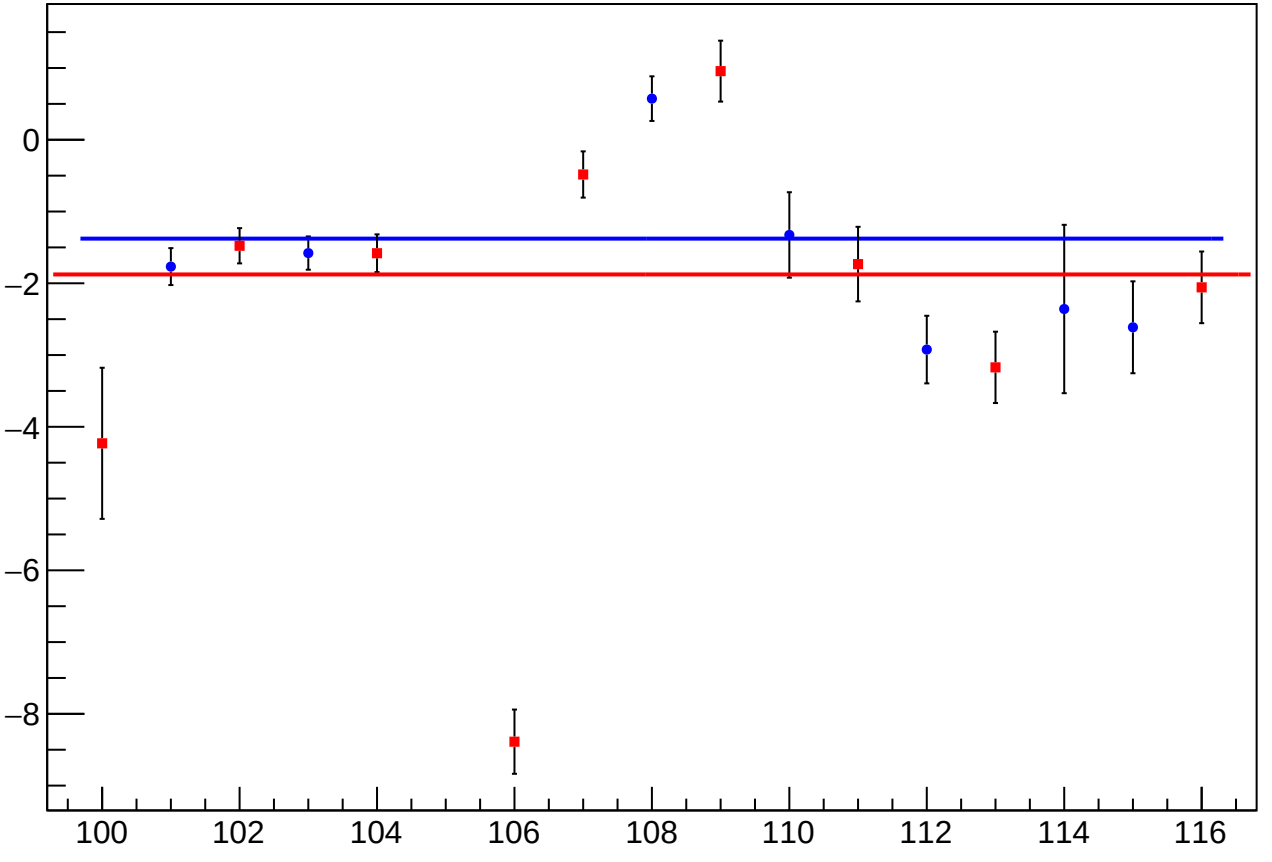
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -178.217+/-2.086 $\chi^2$/NDF: 1289.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam2_diff_bpm12X_slope vs Slug




Right In: -1.378+/-0.135 $\chi^2$/NDF: 57.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.877+/-0.125 $\chi^2$/NDF: 290.7/8

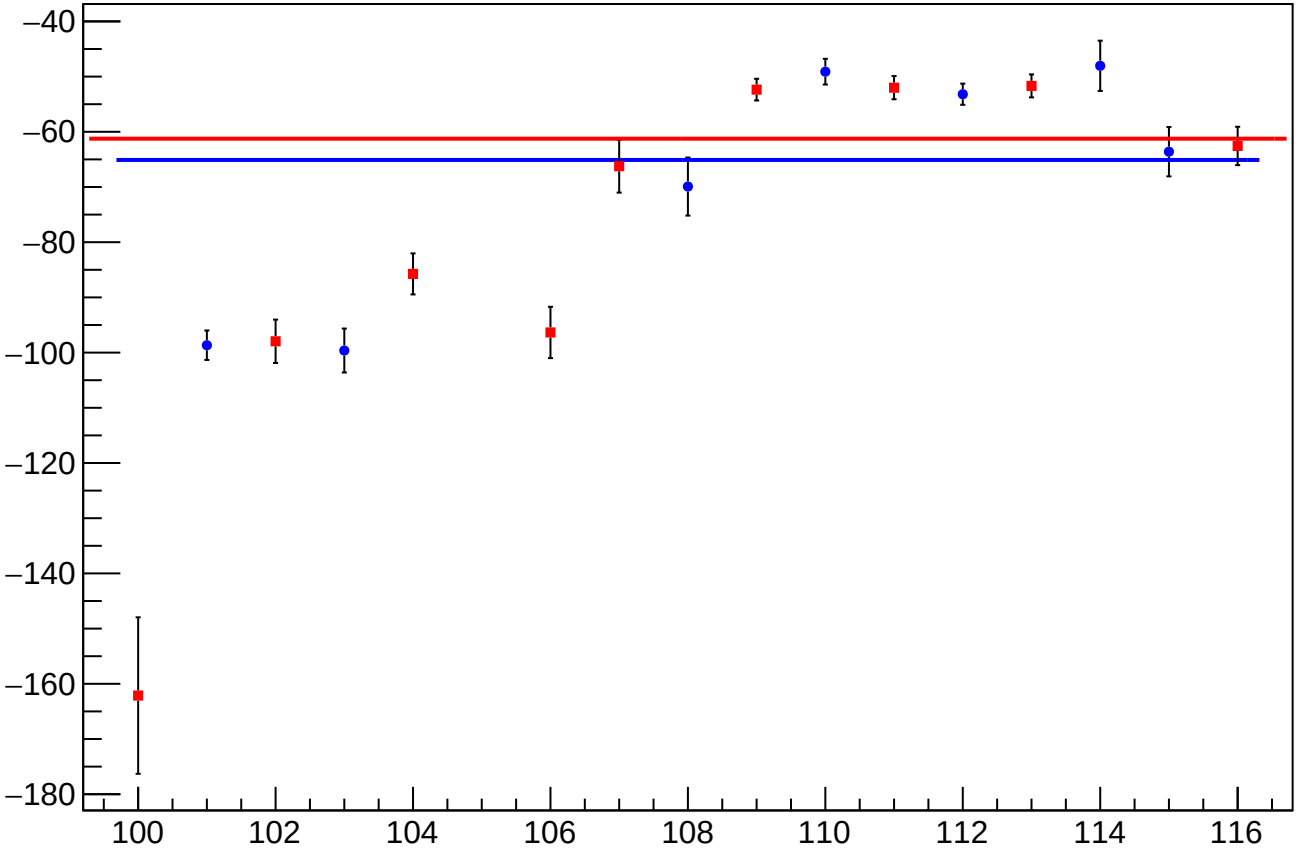
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.647+/-0.092 $\chi^2$/NDF: 355.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam3_diff_bpm4aX_slope vs Slug




Right In: -65.100+/-1.123 $\chi^2$/NDF: 334.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -61.248+/-0.985 $\chi^2$/NDF: 300.4/8

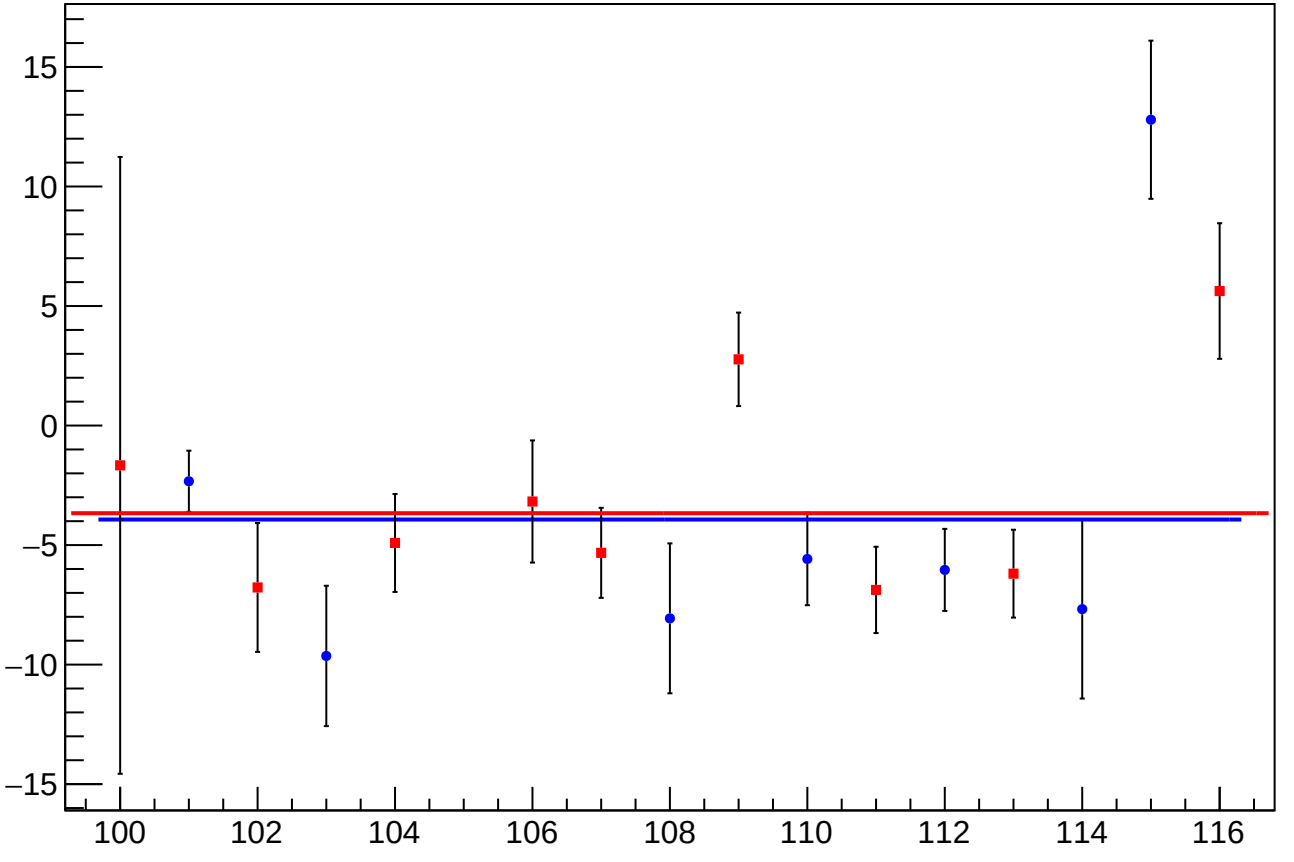
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -62.923+/-0.740 $\chi^2$/NDF: 641.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam3_diff_bpm4aY_slope vs Slug




Right In: -3.931+/-0.791 $\chi^2$/NDF: 35.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3.666+/-0.744 $\chi^2$/NDF: 29.2/8

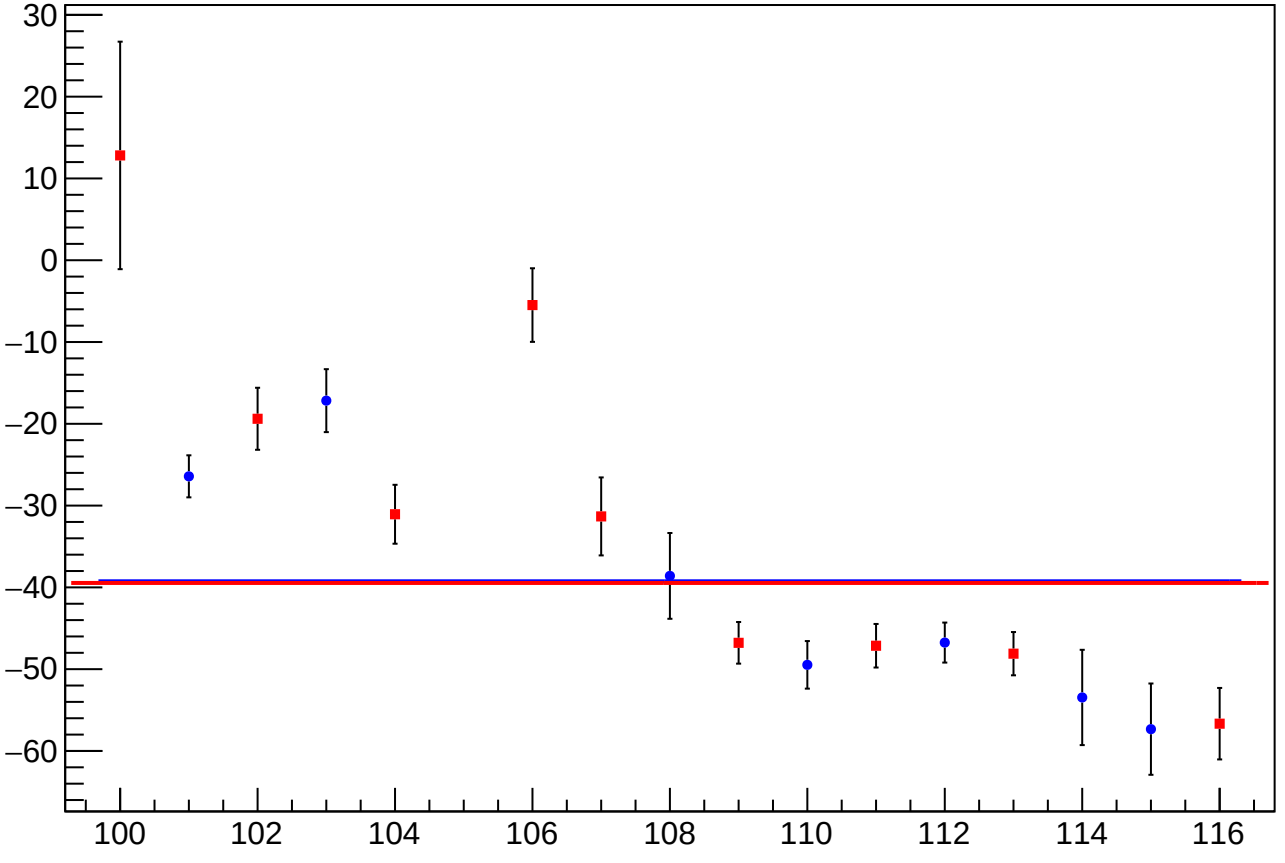
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -3.791+/-0.542 $\chi^2$/NDF: 65.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam3_diff_bpm4eX_slope vs Slug




Right In: -39.257+/-1.289 $\chi^2$/NDF: 96.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -39.458+/-1.166 $\chi^2$/NDF: 150.3/8

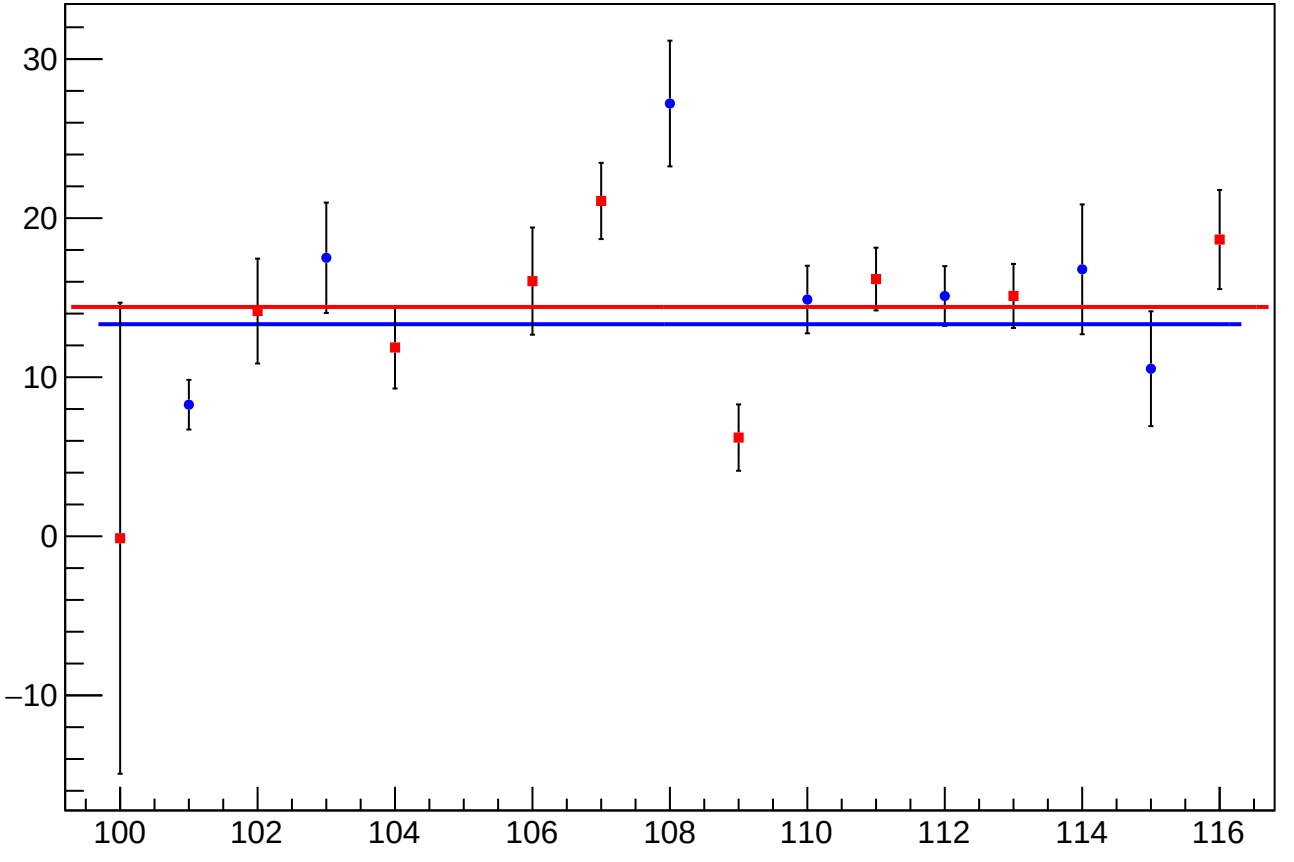
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -39.367+/-0.864 $\chi^2$/NDF: 246.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam3_diff_bpm4eY_slope vs Slug




Right In: 13.332+/-0.913 $\chi^2$/NDF: 27.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 14.417+/-0.862 $\chi^2$/NDF: 28.2/8

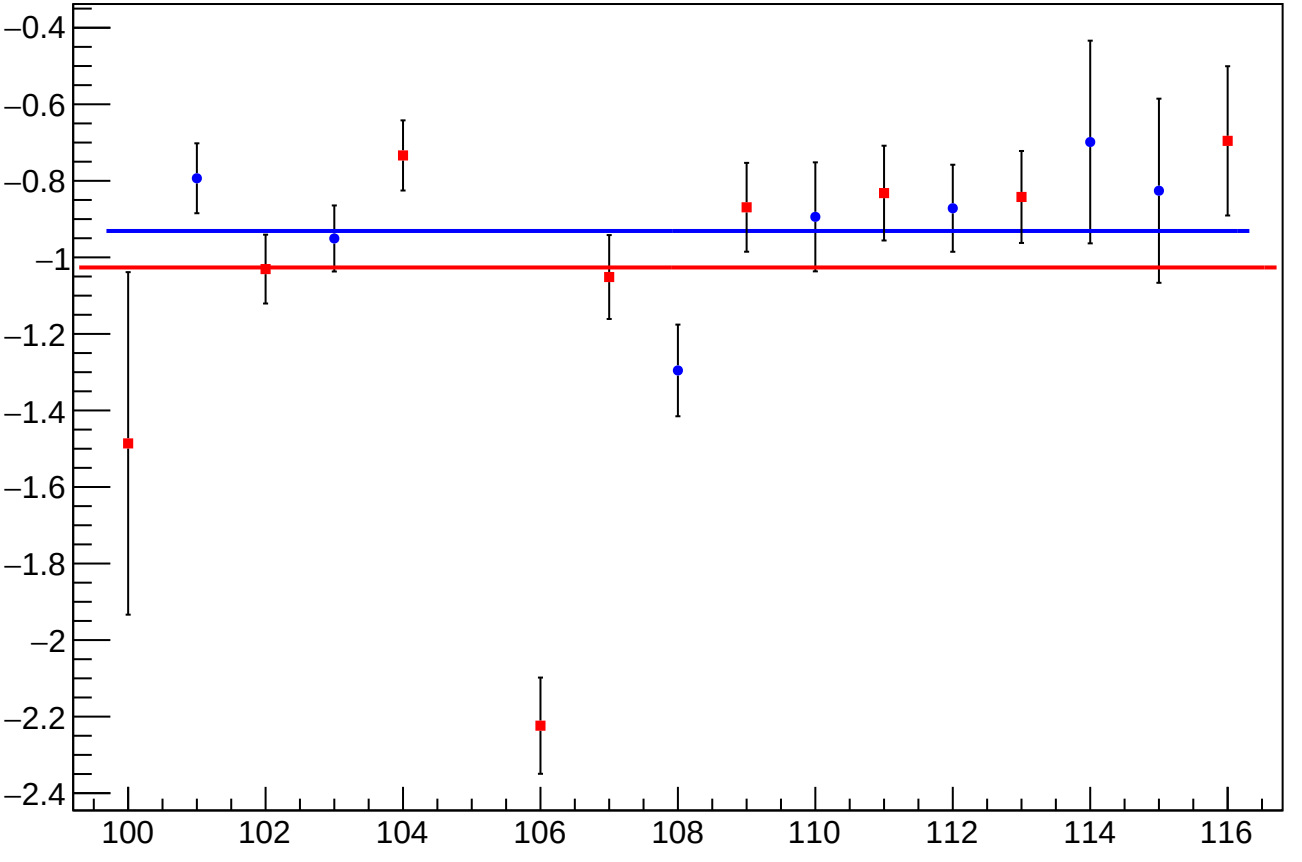
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 13.906+/-0.627 $\chi^2$/NDF: 56.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam3_diff_bpm12X_slope vs Slug




Right In: -0.931+/-0.046 $\chi^2$/NDF: 12.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.026+/-0.040 $\chi^2$/NDF: 111.5/8

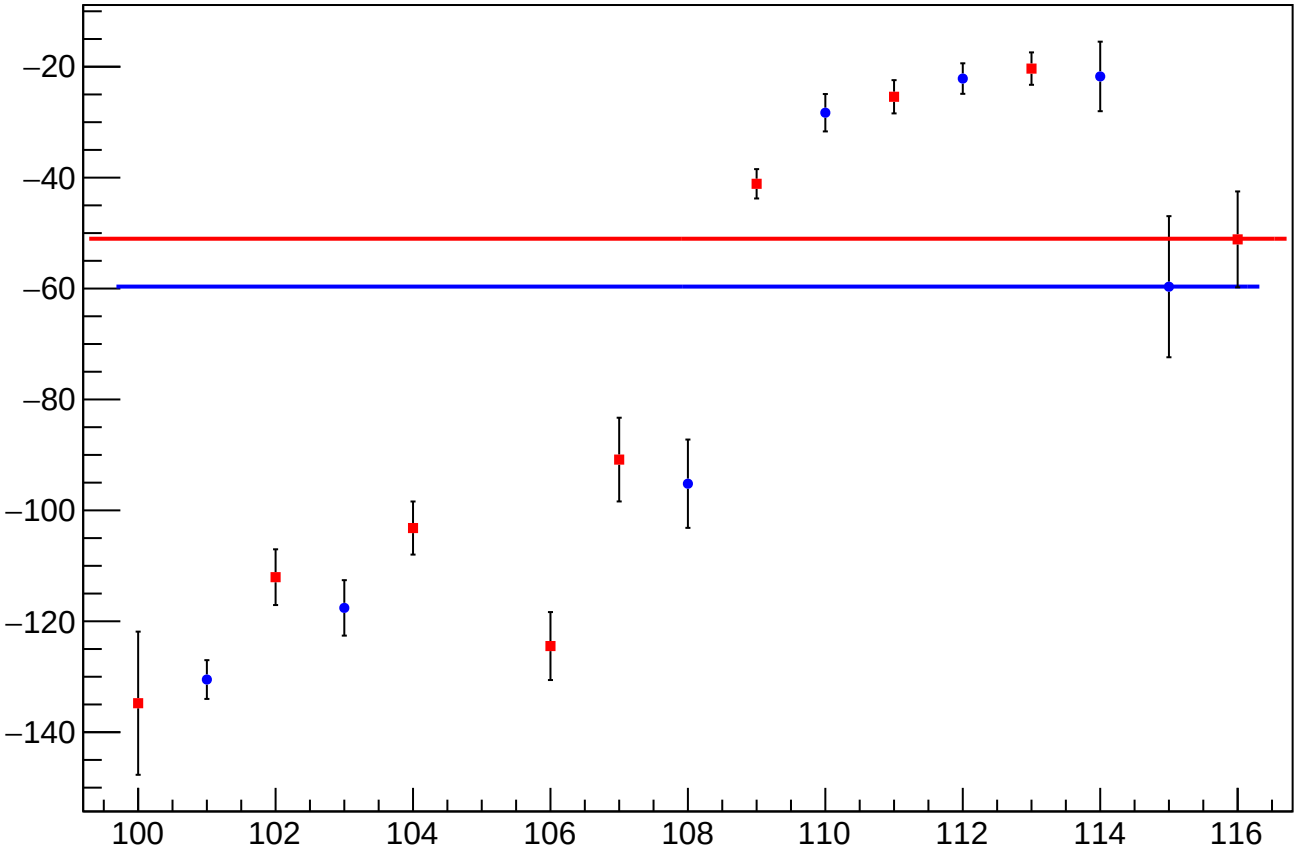
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.985+/-0.030 $\chi^2$/NDF: 126.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam4_diff_bpm4aX_slope vs Slug




Right In: -59.646+/-1.603 $\chi^2$/NDF: 873.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -51.016+/-1.390 $\chi^2$/NDF: 676.8/8

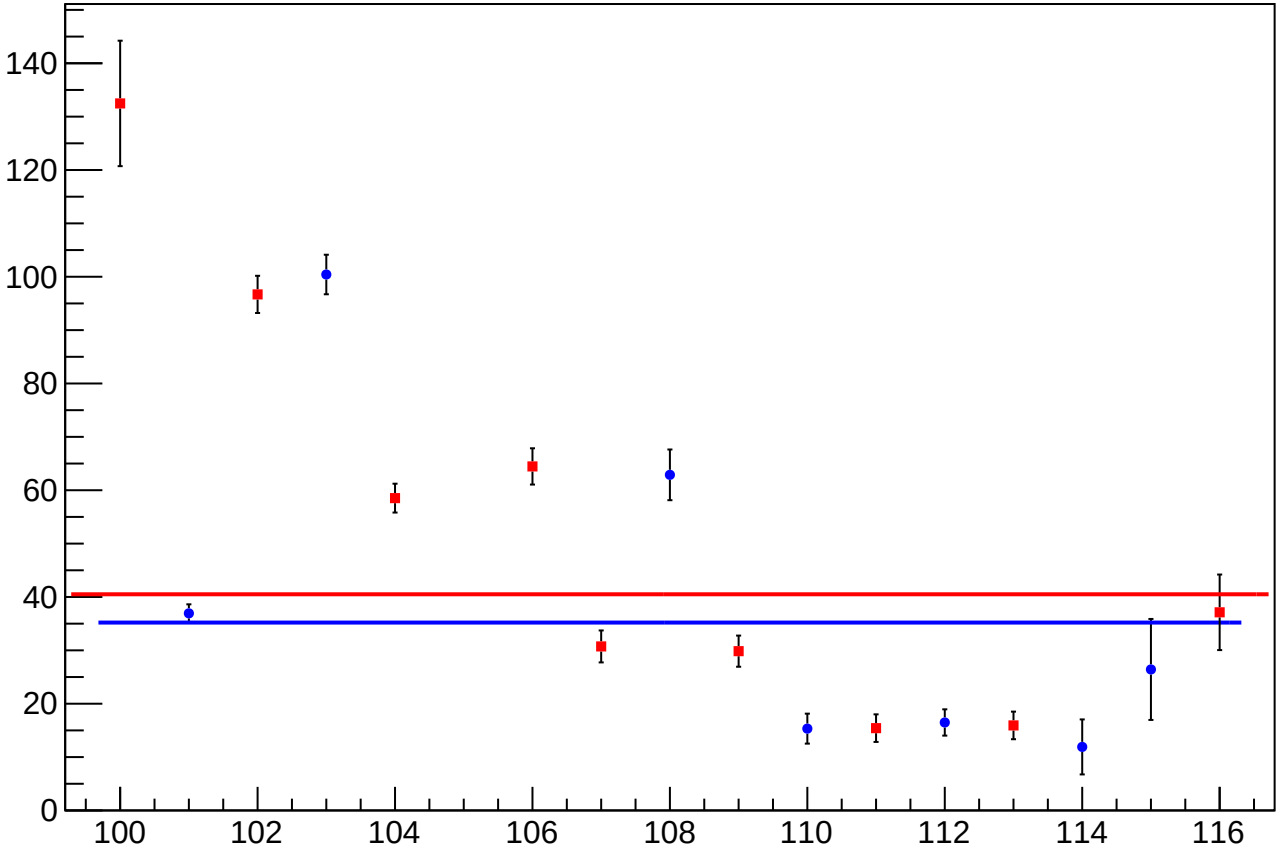
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -54.719+/-1.050 $\chi^2$/NDF: 1567.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam4_diff_bpm4aY_slope vs Slug




Right In: 35.205+/-1.112 $\chi^2$/NDF: 474.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 40.505+/-1.078 $\chi^2$/NDF: 624.1/8

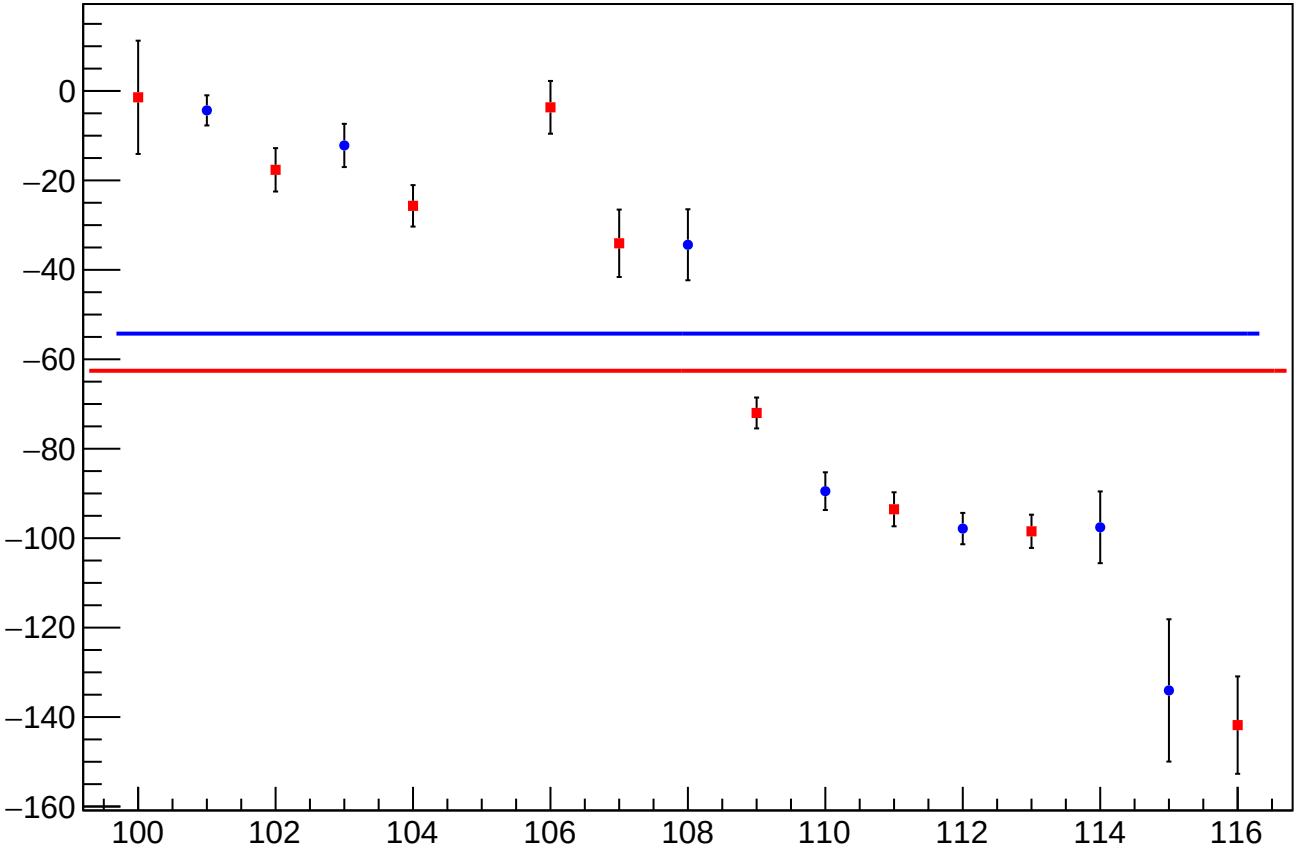
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 37.939+/-0.774 $\chi^2$/NDF: 1110.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam4_diff_bpm4eX_slope vs Slug




Right In: -54.257+/-1.814 $\chi^2$/NDF: 580.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -62.565+/-1.632 $\chi^2$/NDF: 506.4/8

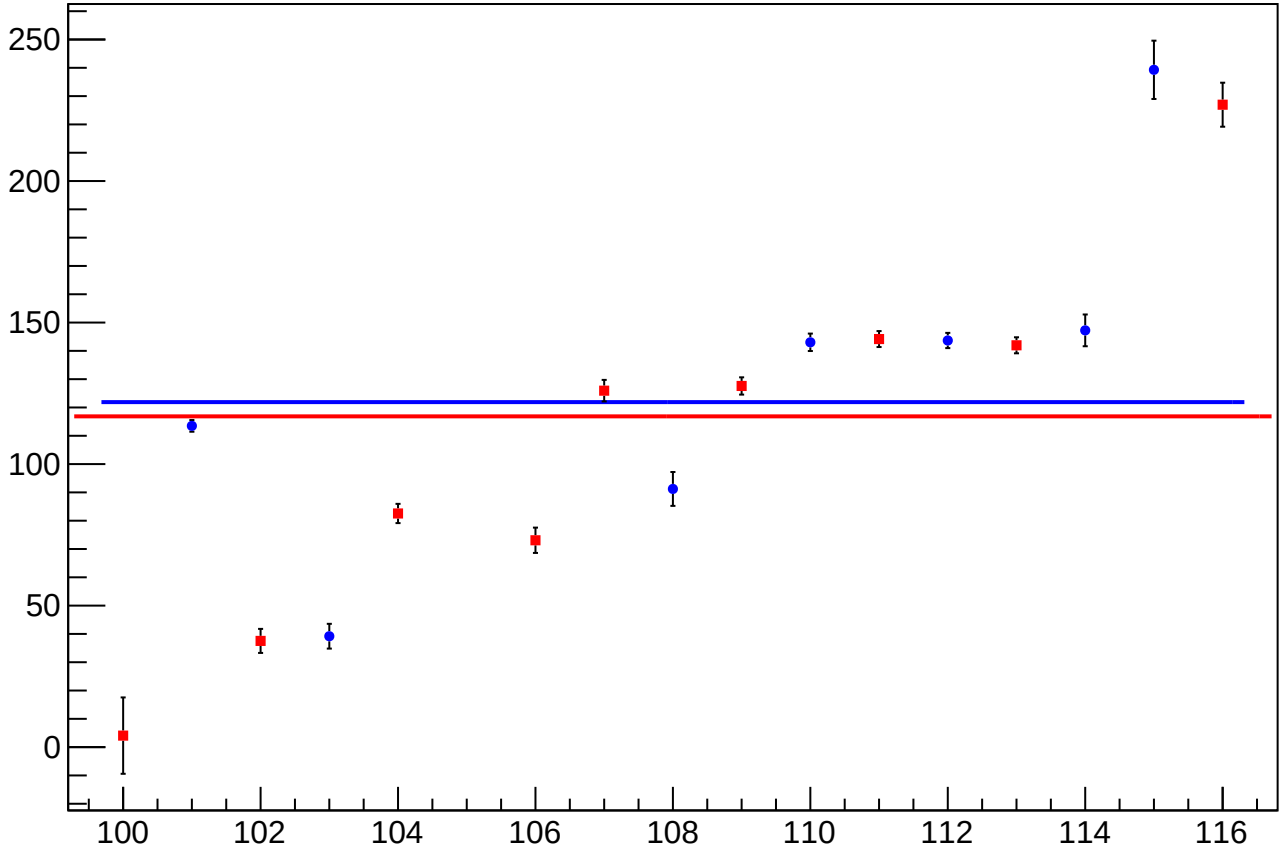
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -58.849+/-1.213 $\chi^2$/NDF: 1098.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam4_diff_bpm4eY_slope vs Slug




Right In: 121.894+/-1.291 $\chi^2$/NDF: 663.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 116.861+/-1.249 $\chi^2$/NDF: 1007.7/8

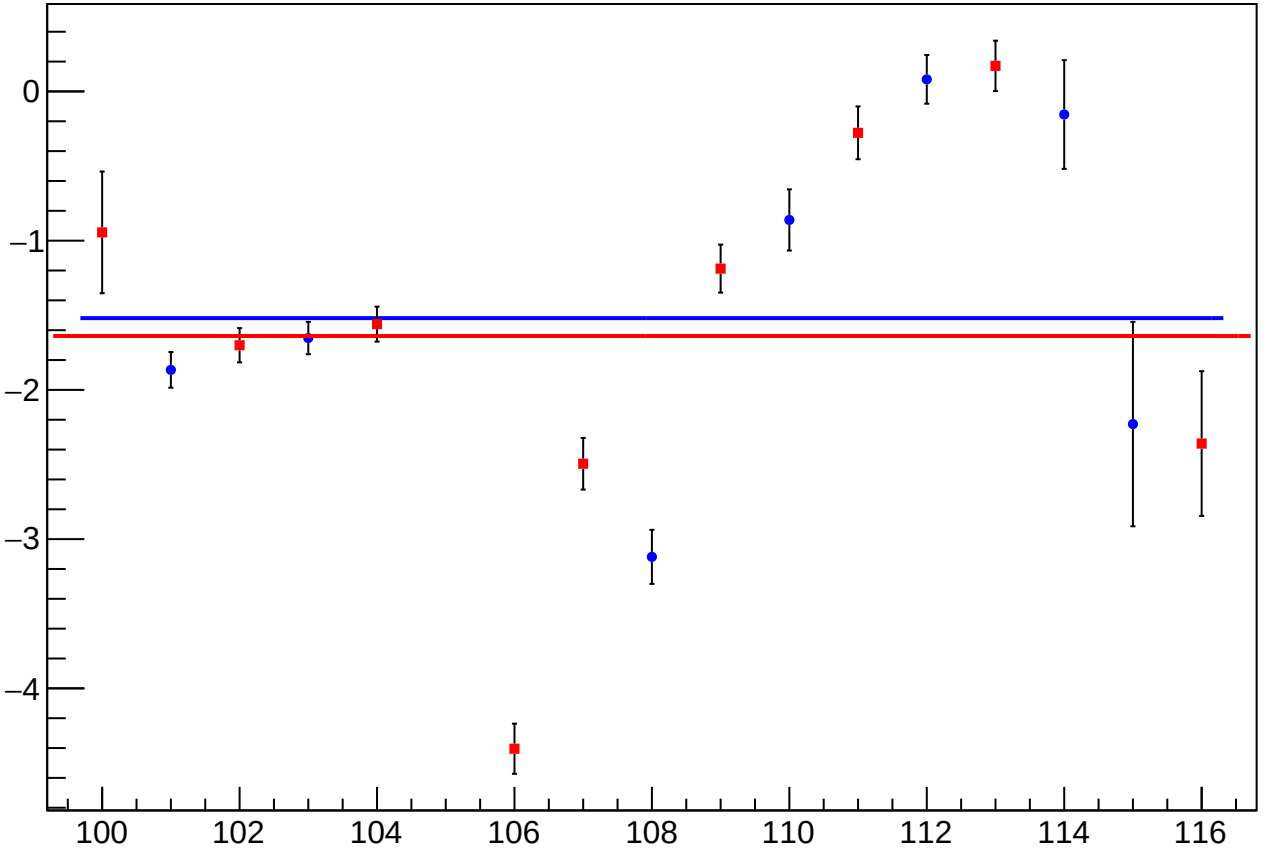
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 119.294+/-0.898 $\chi^2$/NDF: 1678.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam4_diff_bpm12X_slope vs Slug




Right In: -1.519+/-0.062 $\chi^2$/NDF: 209.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.639+/-0.055 $\chi^2$/NDF: 483.1/8

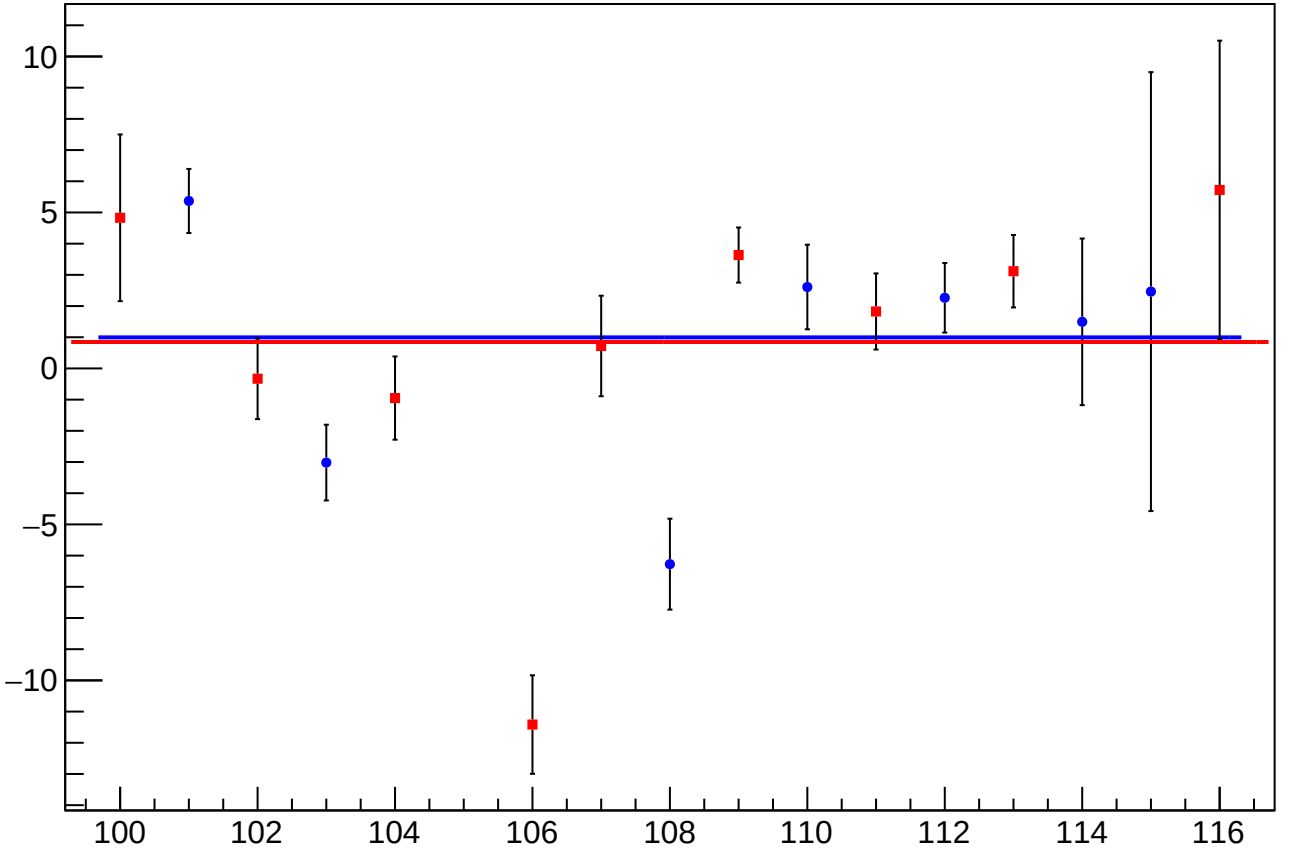
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.587+/-0.041 $\chi^2$/NDF: 694.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam5_diff_bpm4aX_slope vs Slug




Right In: 0.996+/-0.527 $\chi^2$/NDF: 56.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.847+/-0.455 $\chi^2$/NDF: 80.6/8

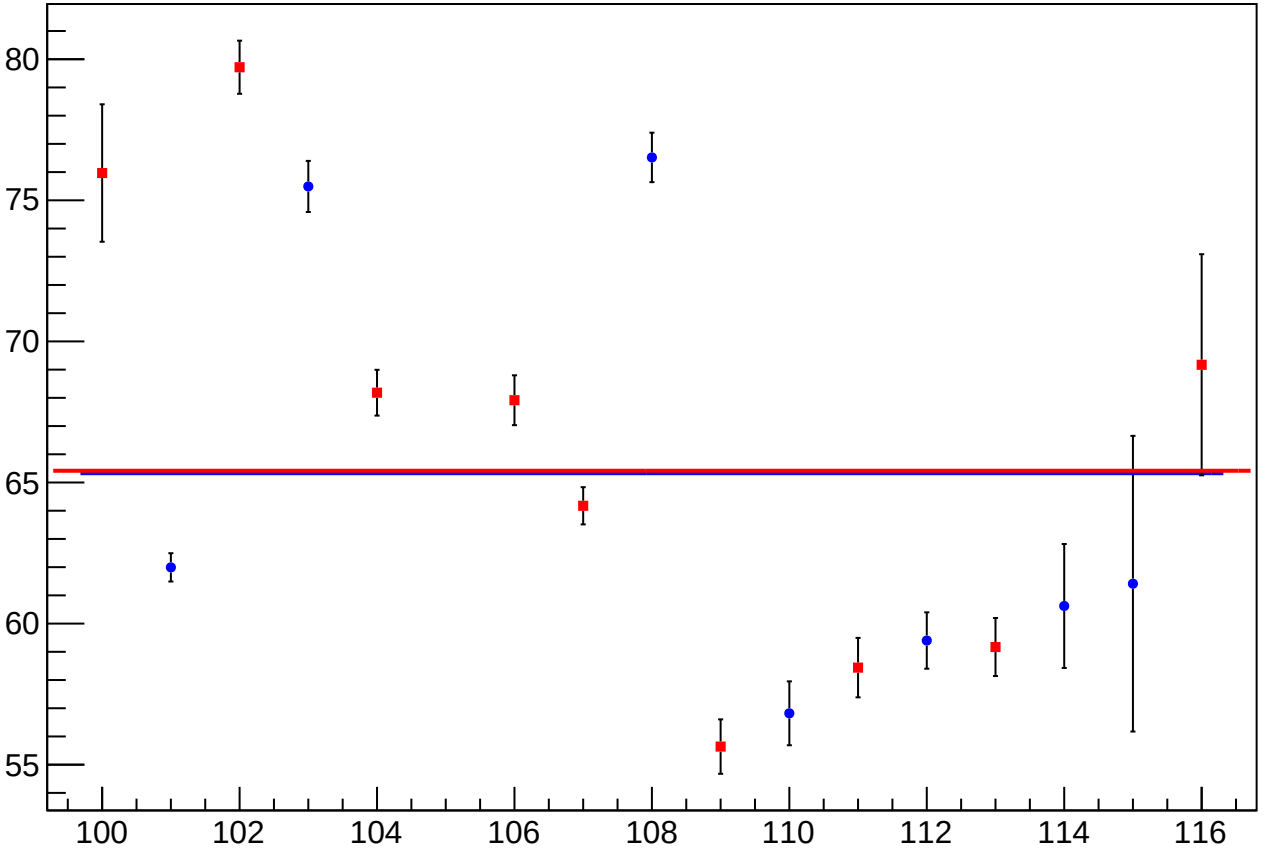
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.911+/-0.344 $\chi^2$/NDF: 137.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam5_diff_bpm4aY_slope vs Slug




Right In: 65.330+/-0.343 $\chi^2$/NDF: 429.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 65.416+/-0.326 $\chi^2$/NDF: 457.0/8

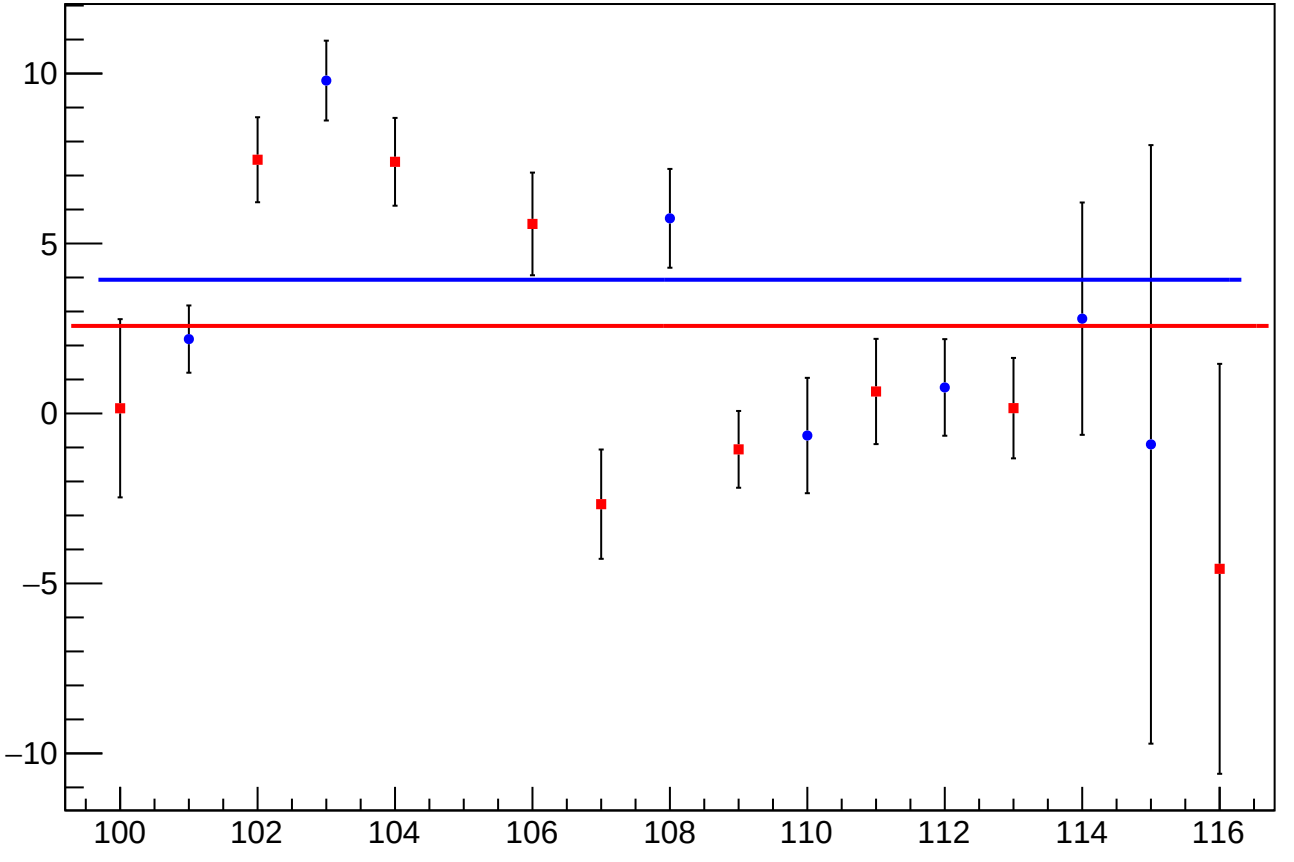
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 65.375+/-0.236 $\chi^2$/NDF: 887.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam5_diff_bpm4eX_slope vs Slug




Right In: 3.934+/-0.562 $\chi^2$/NDF: 42.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.576+/-0.507 $\chi^2$/NDF: 60.7/8

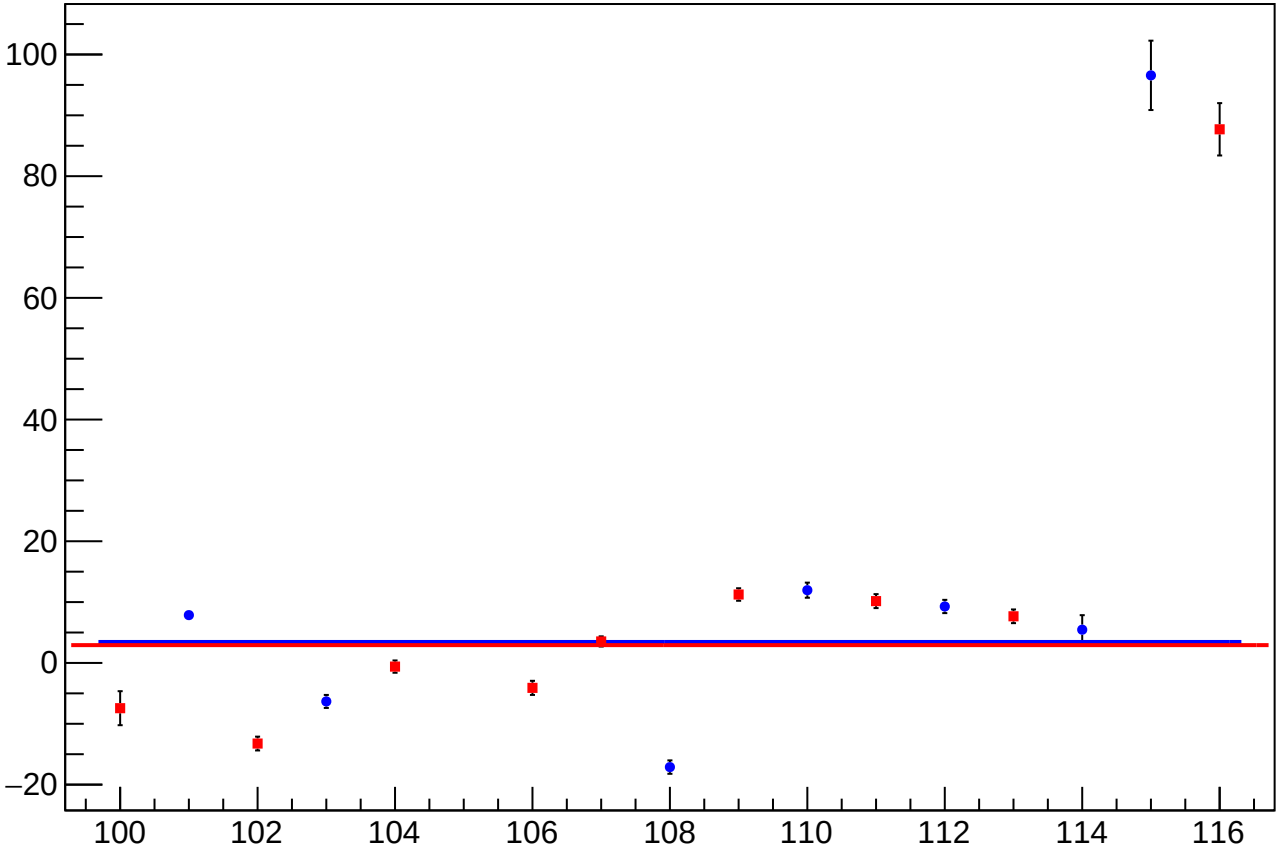
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3.184+/-0.376 $\chi^2$/NDF: 106.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam5_diff_bpm4eY_slope vs Slug




Right In: 3.447+/-0.406 $\chi^2$/NDF: 826.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.927+/-0.389 $\chi^2$/NDF: 777.2/8

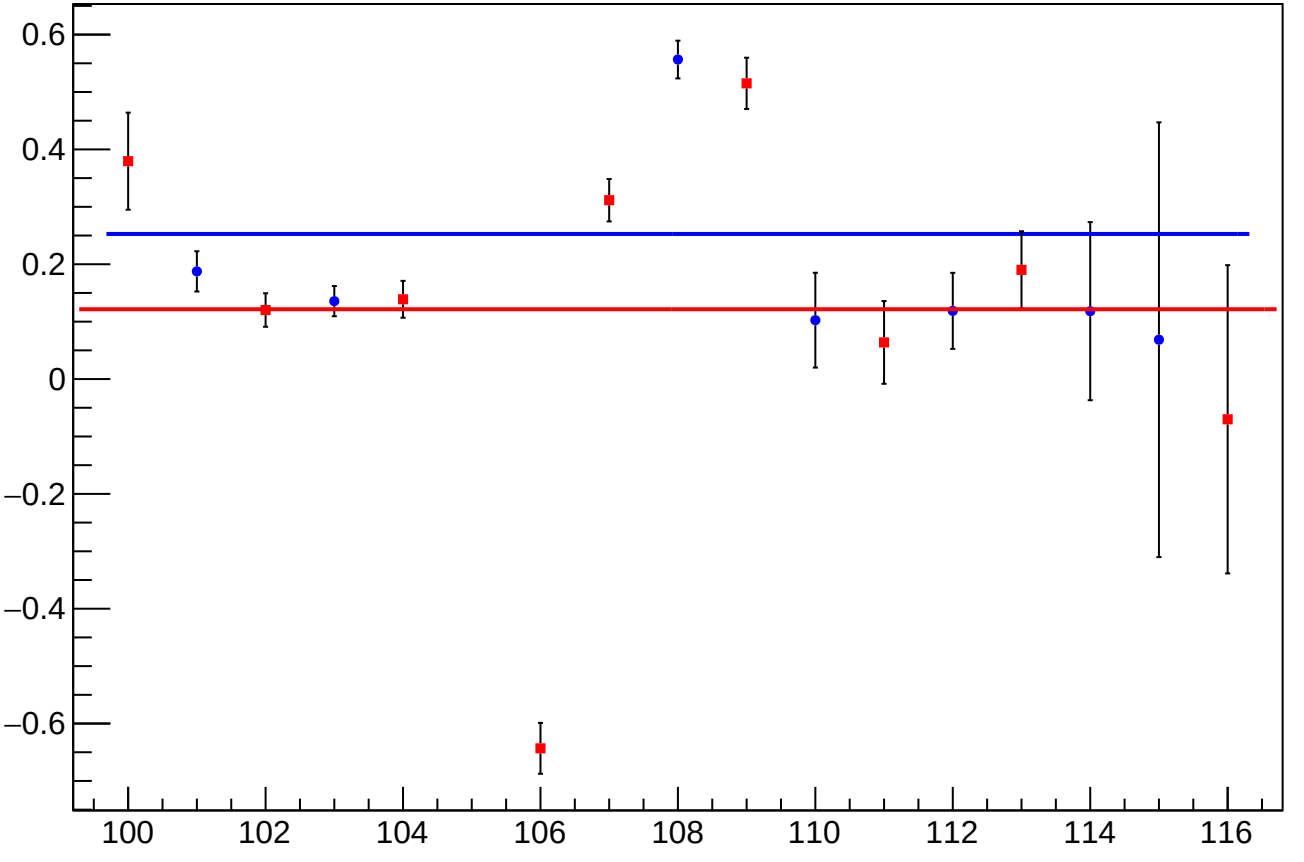
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3.176+/-0.281 $\chi^2$/NDF: 1604.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam5_diff_bpm12X_slope vs Slug




Right In: 0.253+/-0.017 $\chi^2$/NDF: 117.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.122+/-0.015 $\chi^2$/NDF: 413.5/8

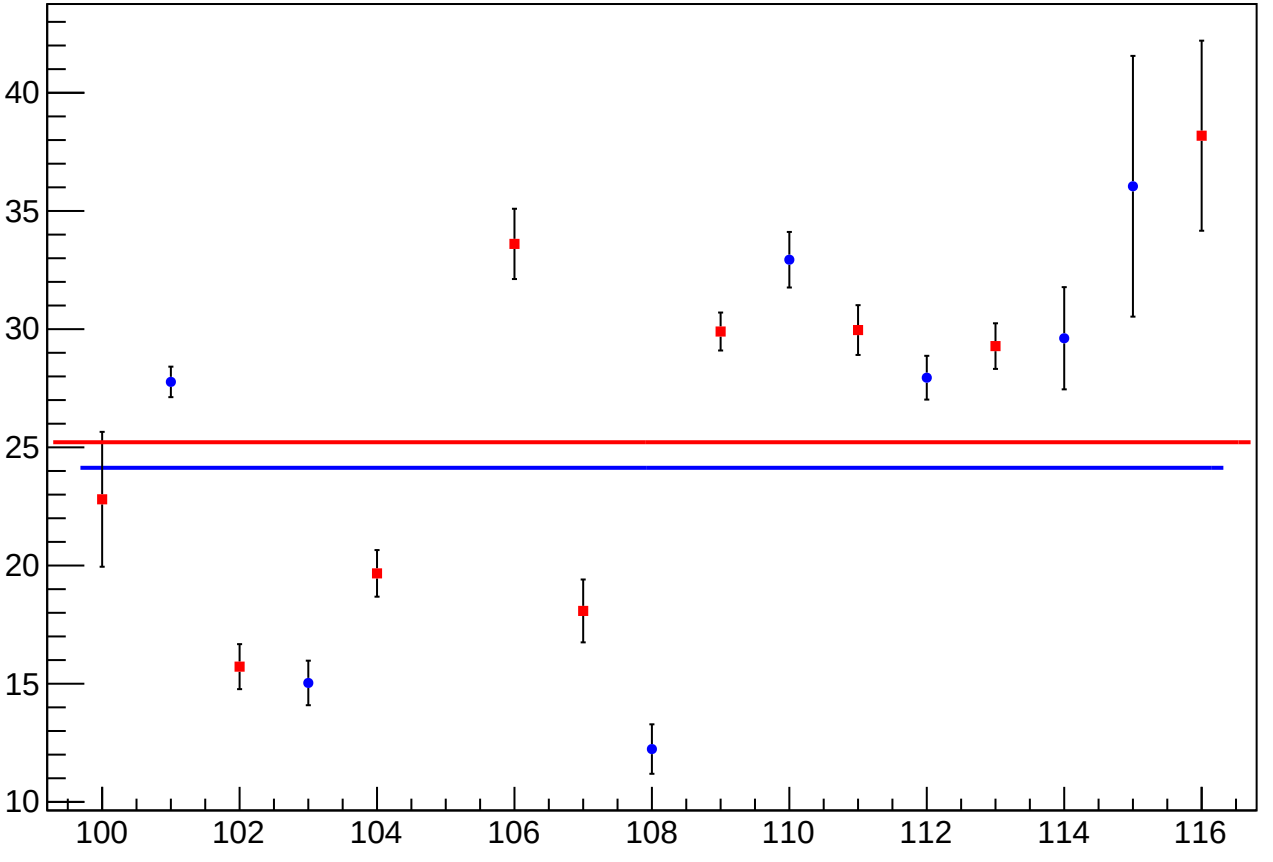
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.180+/-0.011 $\chi^2$/NDF: 564.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam6_diff_bpm4aX_slope vs Slug




Right In: 24.135+/-0.390 $\chi^2$/NDF: 338.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 25.216+/-0.382 $\chi^2$/NDF: 275.0/8

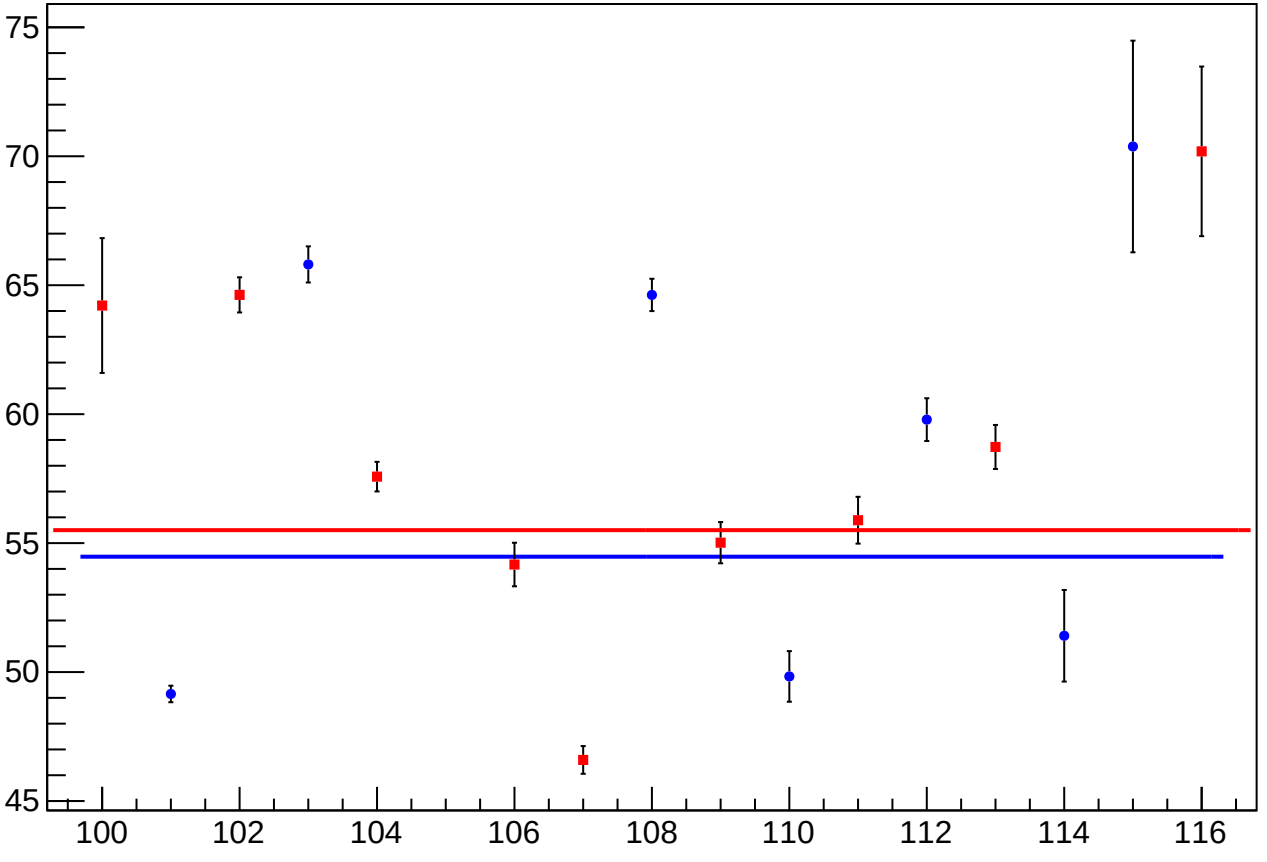
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 24.687+/-0.273 $\chi^2$/NDF: 617.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam6_diff_bpm4aY_slope vs Slug




Right In: 54.474+/-0.241 $\chi^2$/NDF: 882.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 55.502+/-0.263 $\chi^2$/NDF: 515.3/8

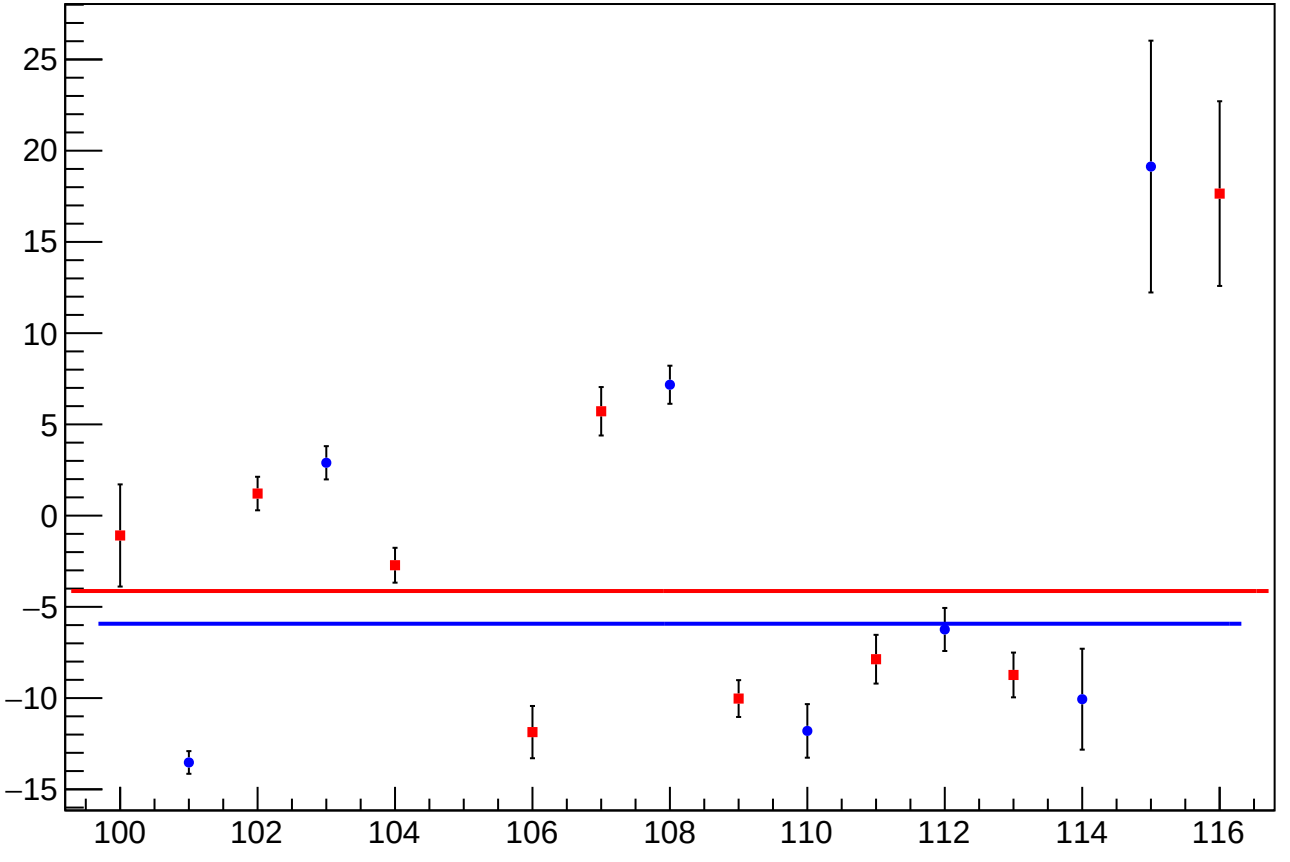
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 54.943+/-0.178 $\chi^2$/NDF: 1405.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam6_diff_bpm4eX_slope vs Slug




Right In: -5.925+/-0.407 $\chi^2$/NDF: 432.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -4.132+/-0.419 $\chi^2$/NDF: 195.9/8

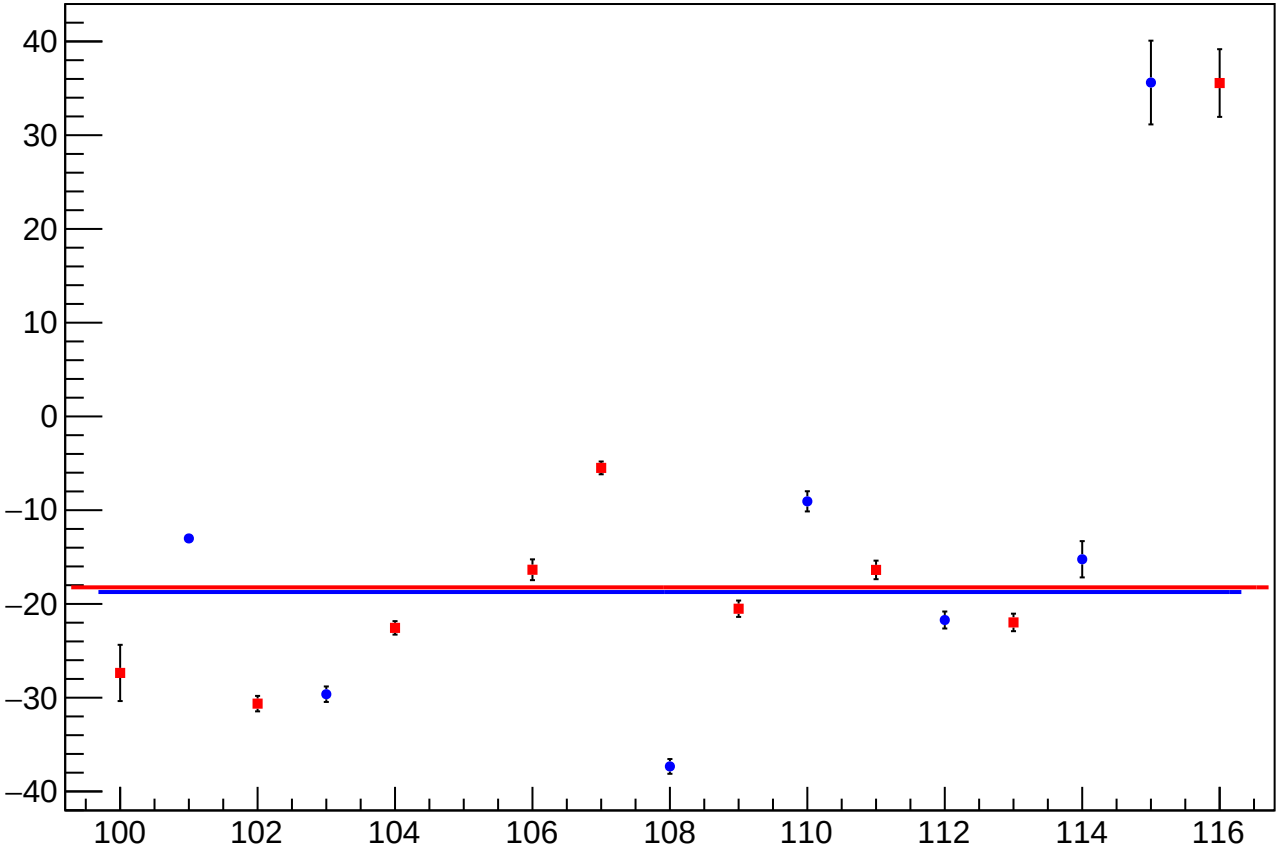
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -5.054+/-0.292 $\chi^2$/NDF: 637.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam6_diff_bpm4eY_slope vs Slug




Right In: -18.731+/-0.288 $\chi^2$/NDF: 1188.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -18.229+/-0.316 $\chi^2$/NDF: 870.7/8

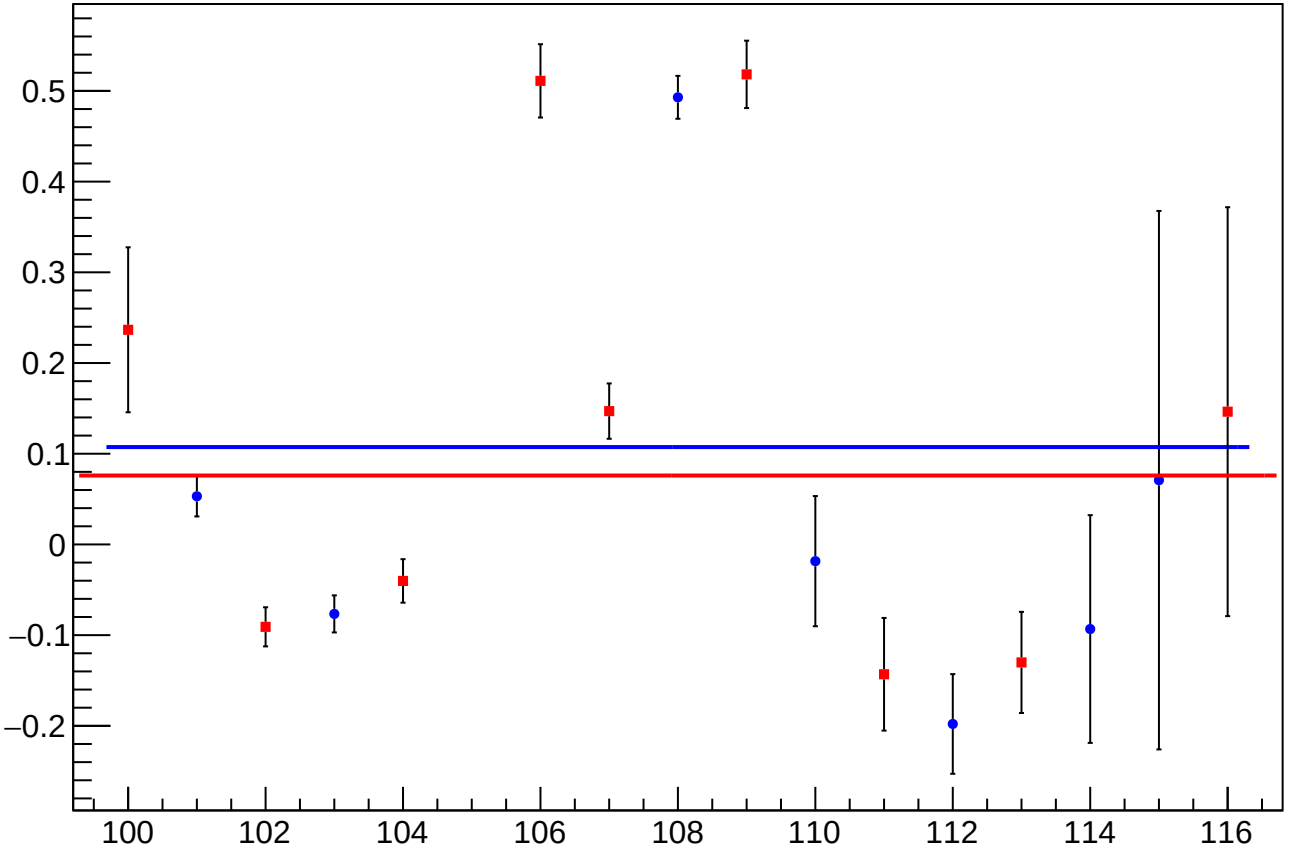
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -18.503+/-0.213 $\chi^2$/NDF: 2060.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam6_diff_bpm12X_slope vs Slug




Right In: 0.107+/-0.012 $\chi^2$/NDF: 389.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.076+/-0.012 $\chi^2$/NDF: 375.7/8

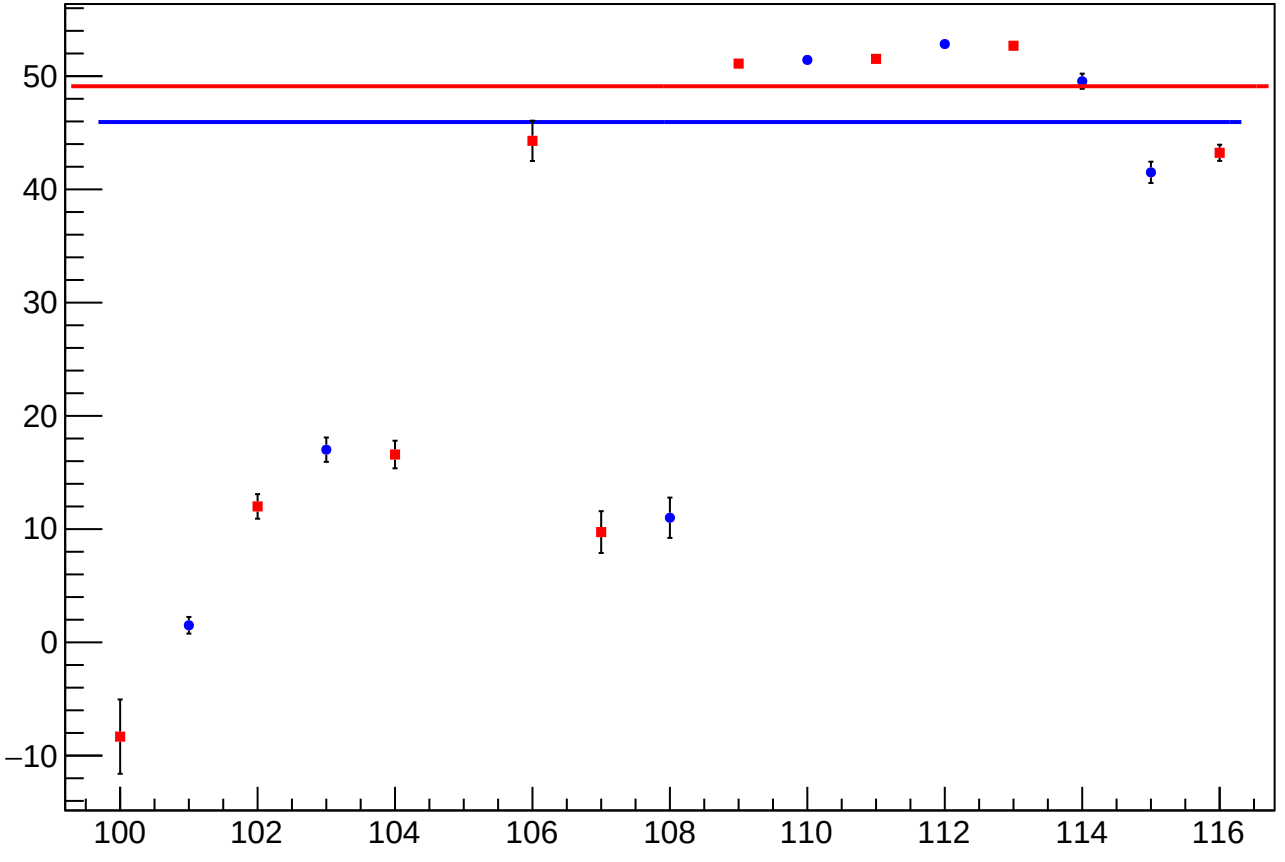
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.091+/-0.009 $\chi^2$/NDF: 768.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam7_diff_bpm4aX_slope vs Slug




Right In: 45.946+/-0.202 $\chi^2$/NDF: 5538.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 49.107+/-0.166 $\chi^2$/NDF: 2948.5/8

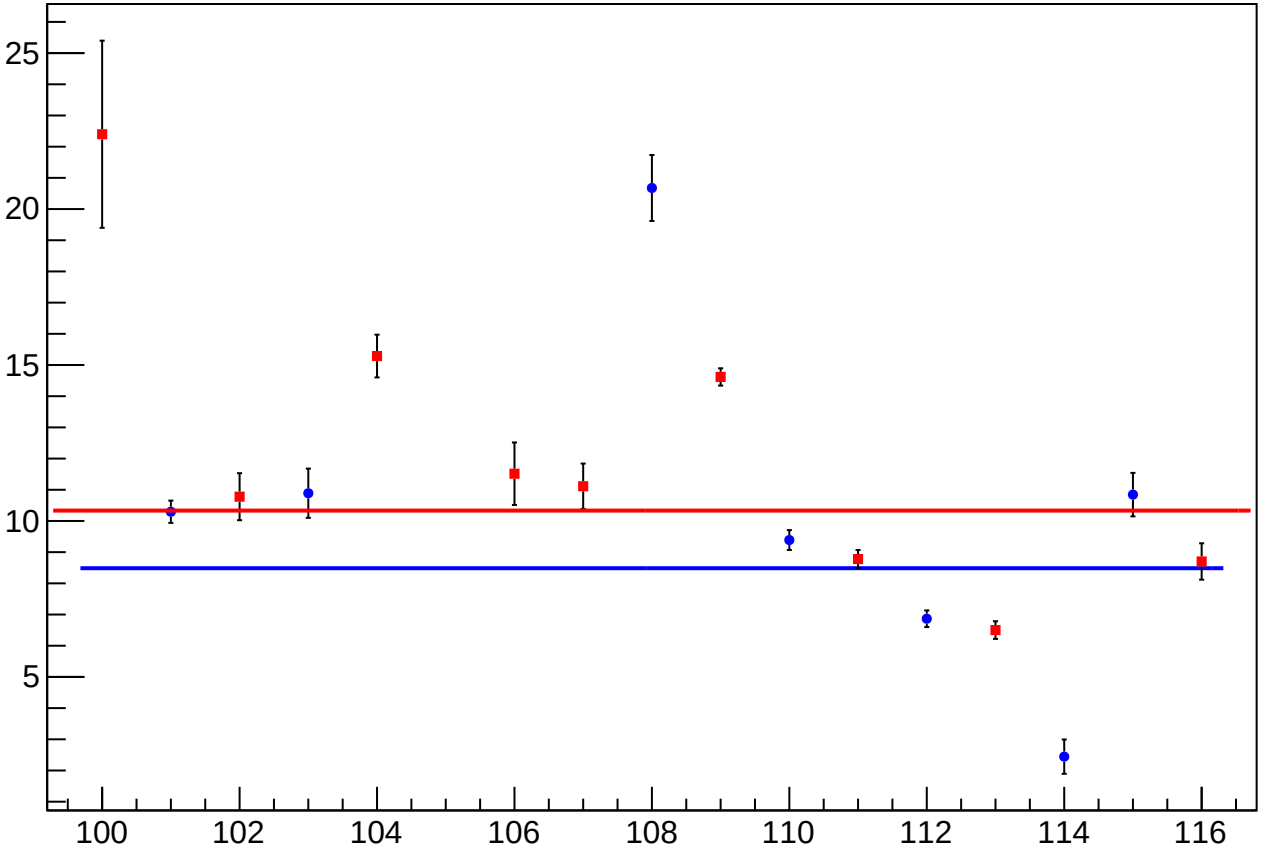
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 47.836+/-0.128 $\chi^2$/NDF: 8632.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam7_diff_bpm4aY_slope vs Slug




Right In: 8.485+/-0.159 $\chi^2$/NDF: 344.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 10.333+/-0.146 $\chi^2$/NDF: 529.6/8

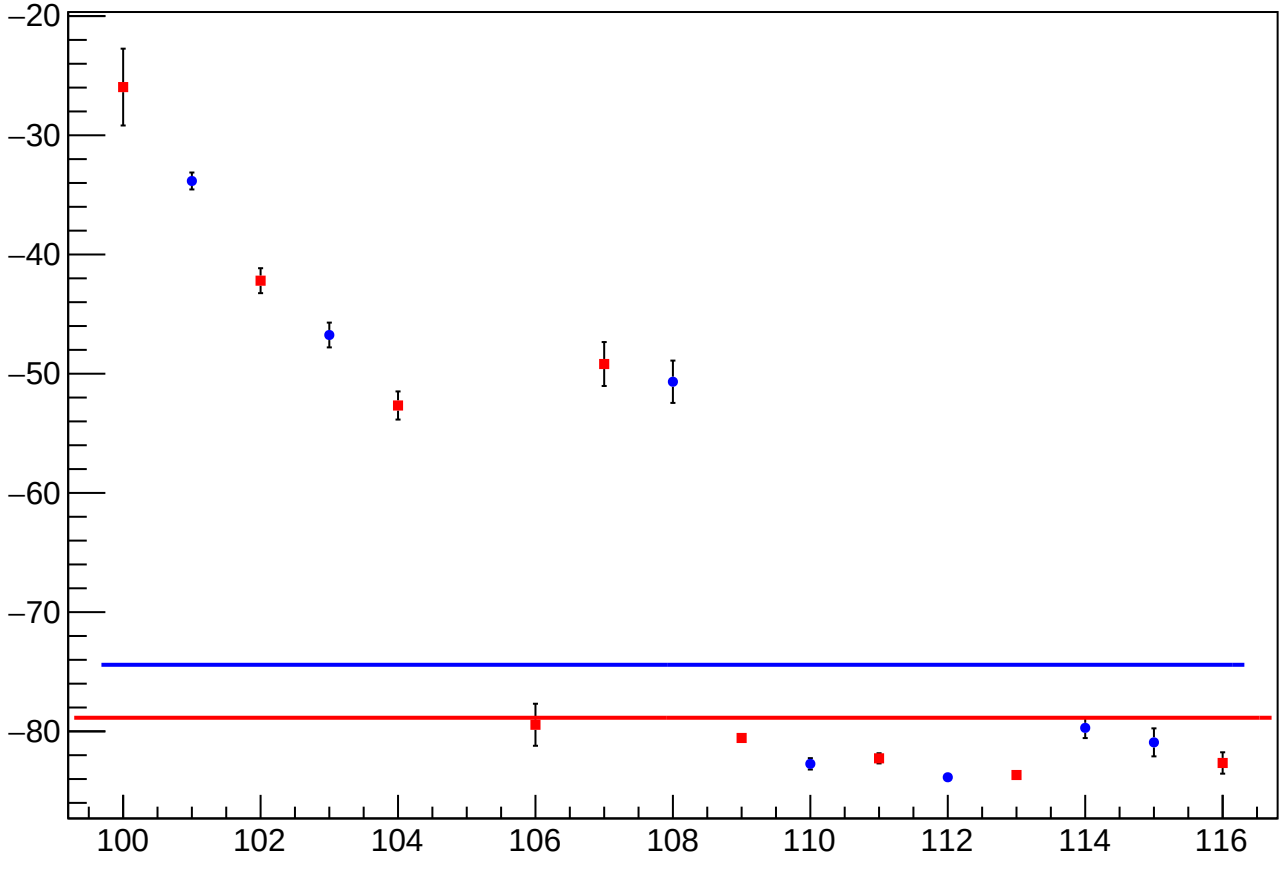
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 9.490+/-0.107 $\chi^2$/NDF: 947.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam7_diff_bpm4eX_slope vs Slug




Right In: -74.417+/-0.245 $\chi^2$/NDF: 5144.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -78.859+/-0.208 $\chi^2$/NDF: 2491.2/8

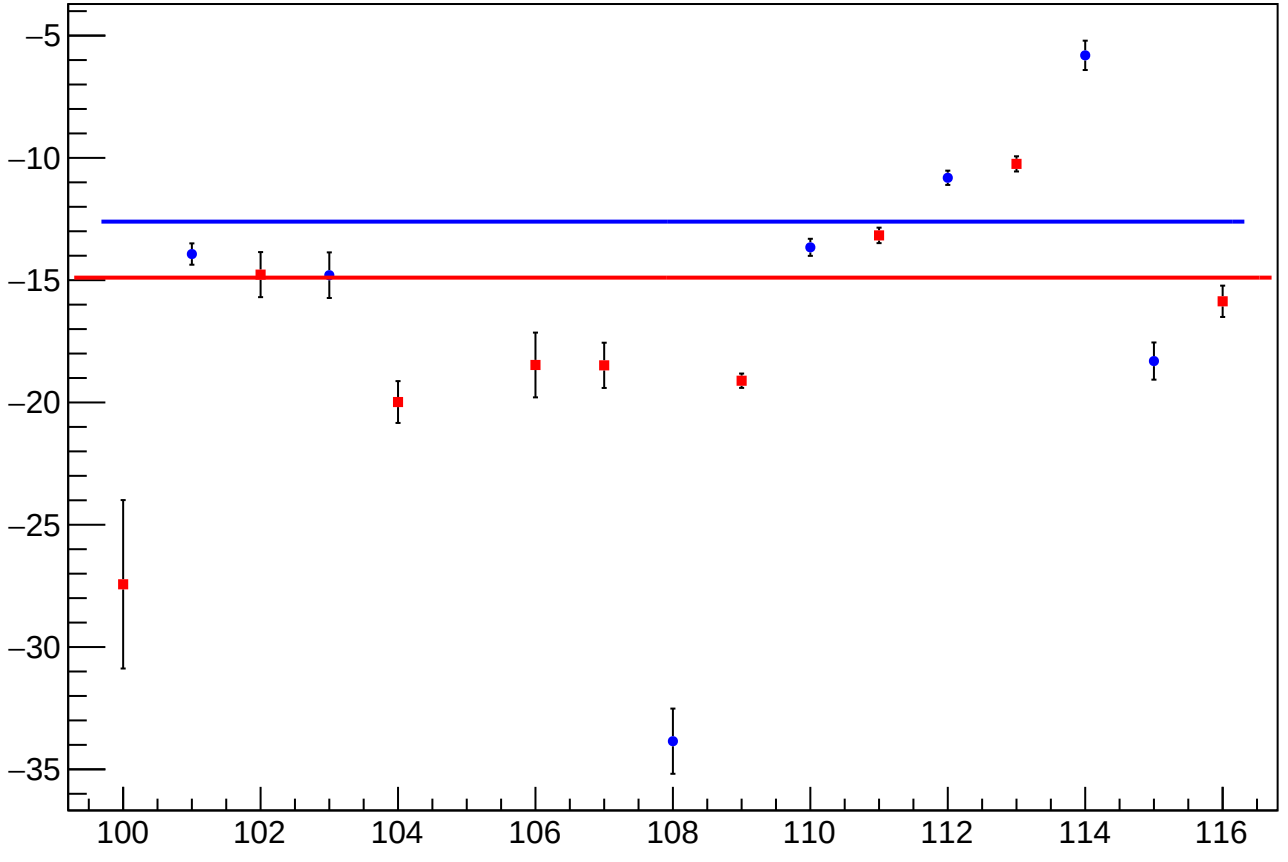
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -77.001+/-0.159 $\chi^2$/NDF: 7826.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam7_diff_bpm4eY_slope vs Slug




Right In: -12.606+/-0.178 $\chi^2$/NDF: 500.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -14.896+/-0.160 $\chi^2$/NDF: 534.3/8

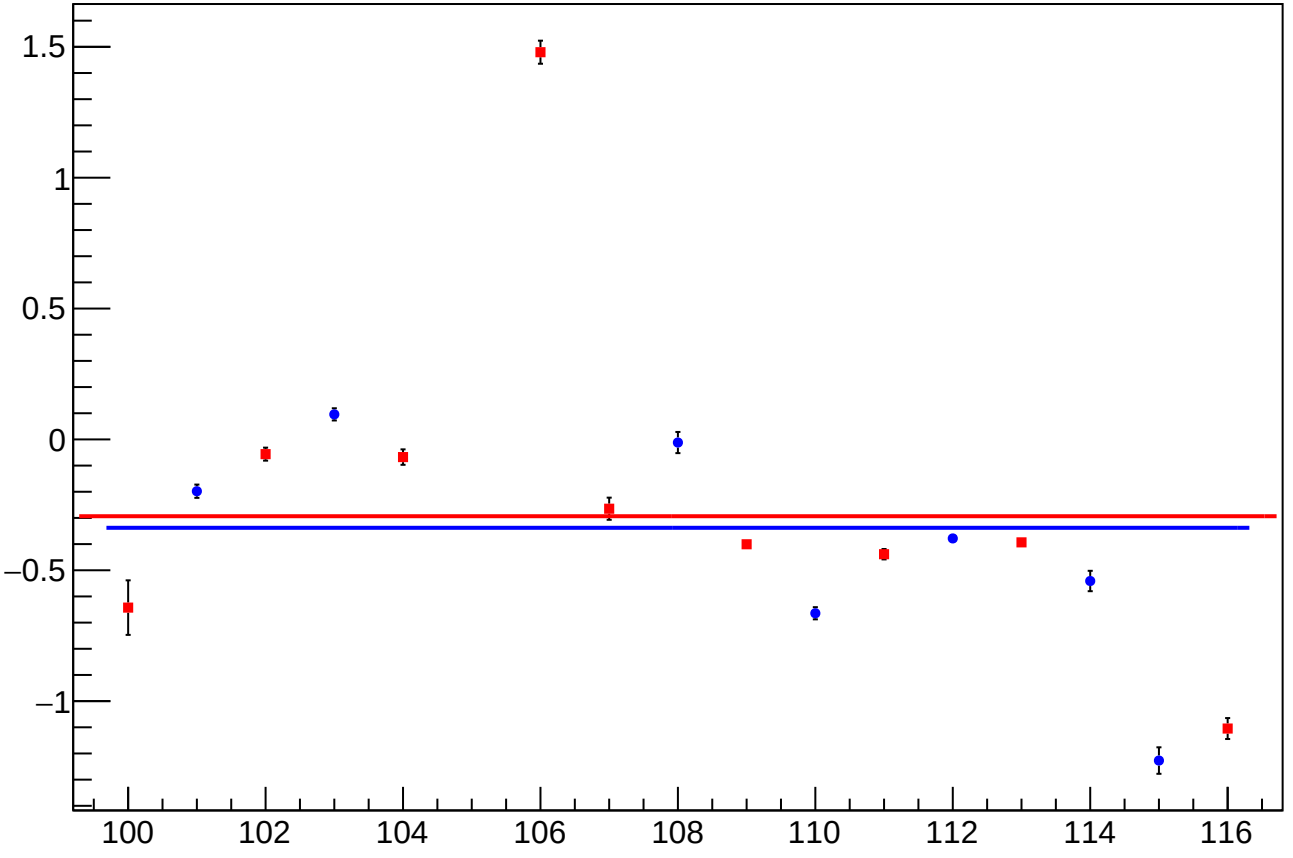
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -13.871+/-0.119 $\chi^2$/NDF: 1125.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam7_diff_bpm12X_slope vs Slug




Right In: -0.338+/-0.010 $\chi^2$/NDF: 979.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.293+/-0.009 $\chi^2$/NDF: 2314.4/8

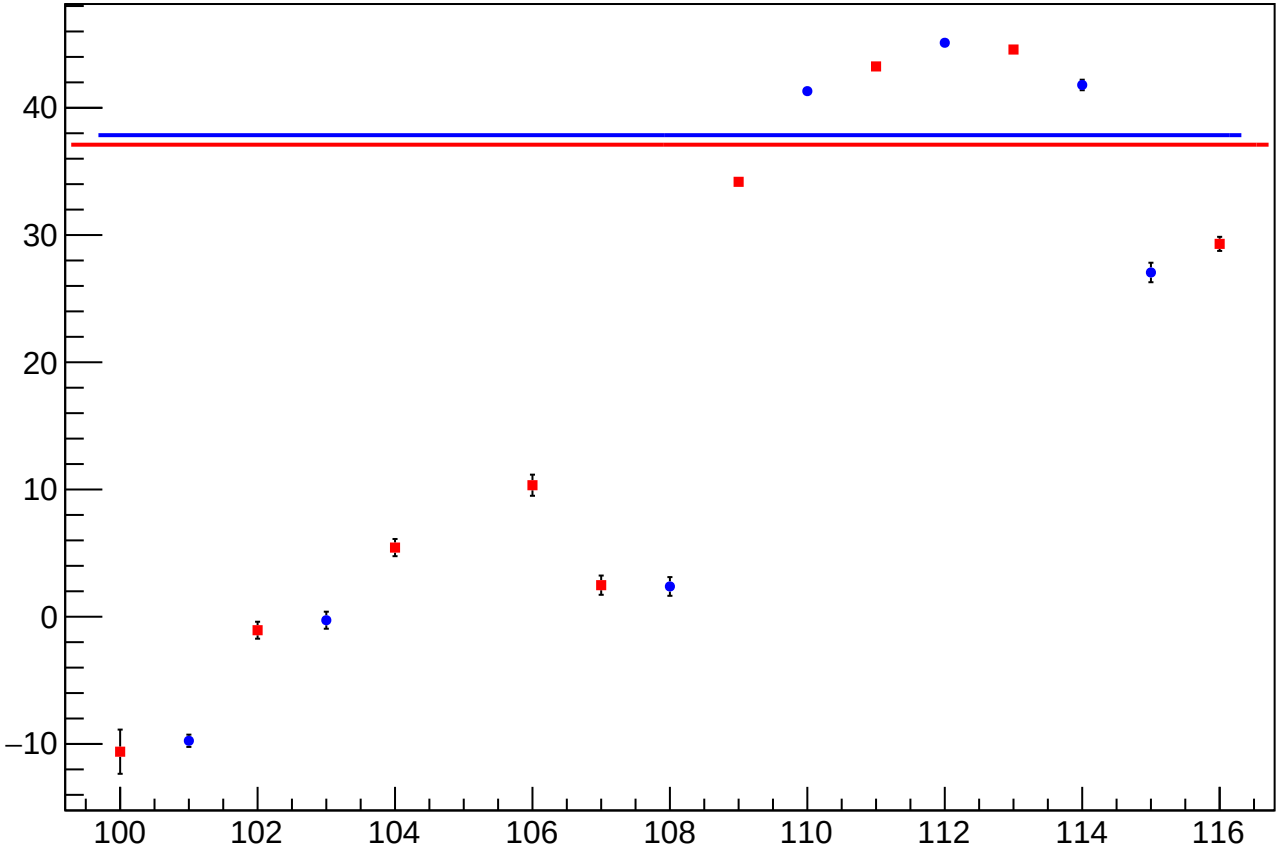
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.312+/-0.007 $\chi^2$/NDF: 3305.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam8_diff_bpm4aX_slope vs Slug




Right In: 37.850+/-0.114 $\chi^2$/NDF: 17849.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 37.101+/-0.091 $\chi^2$/NDF: 12870.9/8

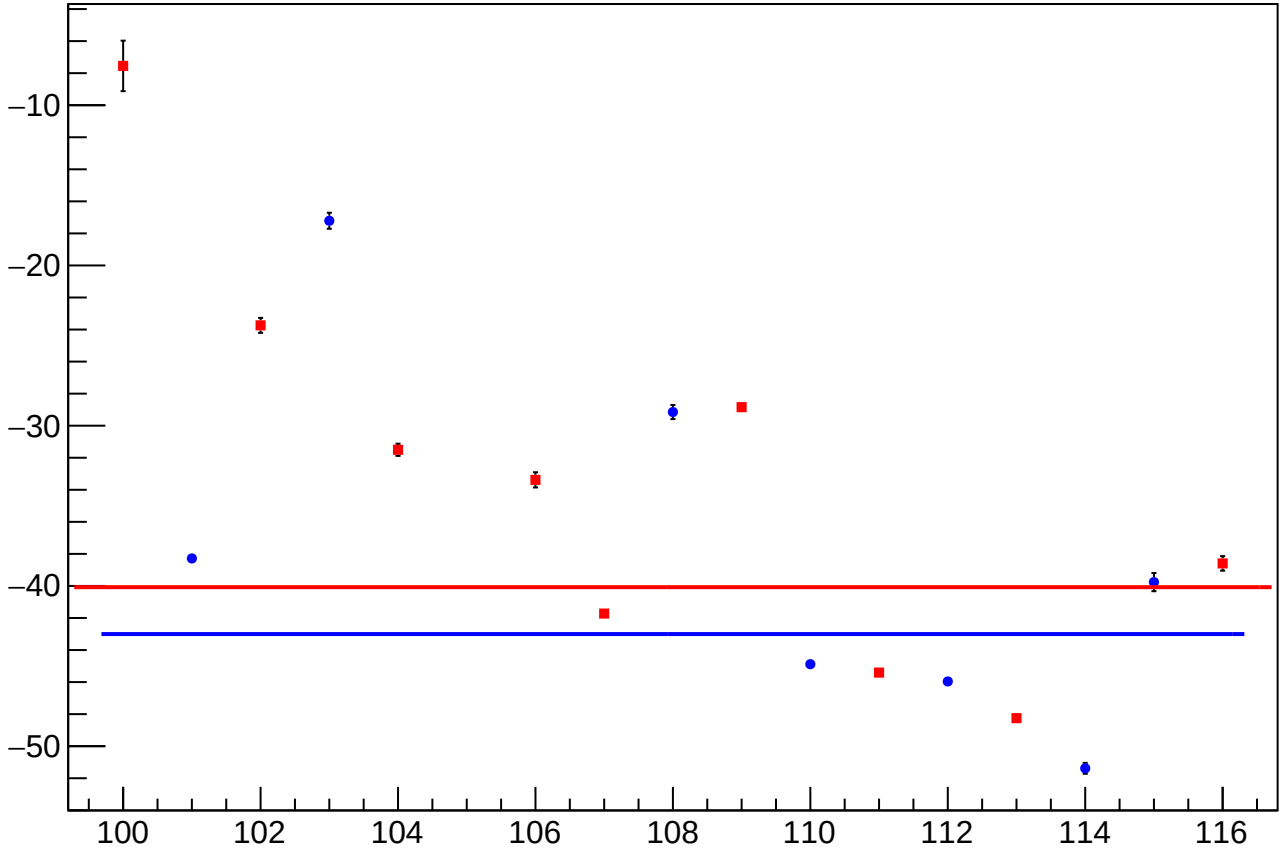
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 37.393+/-0.071 $\chi^2$/NDF: 30746.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam8_diff_bpm4aY_slope vs Slug




Right In: -43.003+/-0.092 $\chi^2$/NDF: 5224.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -40.077+/-0.082 $\chi^2$/NDF: 10493.4/8

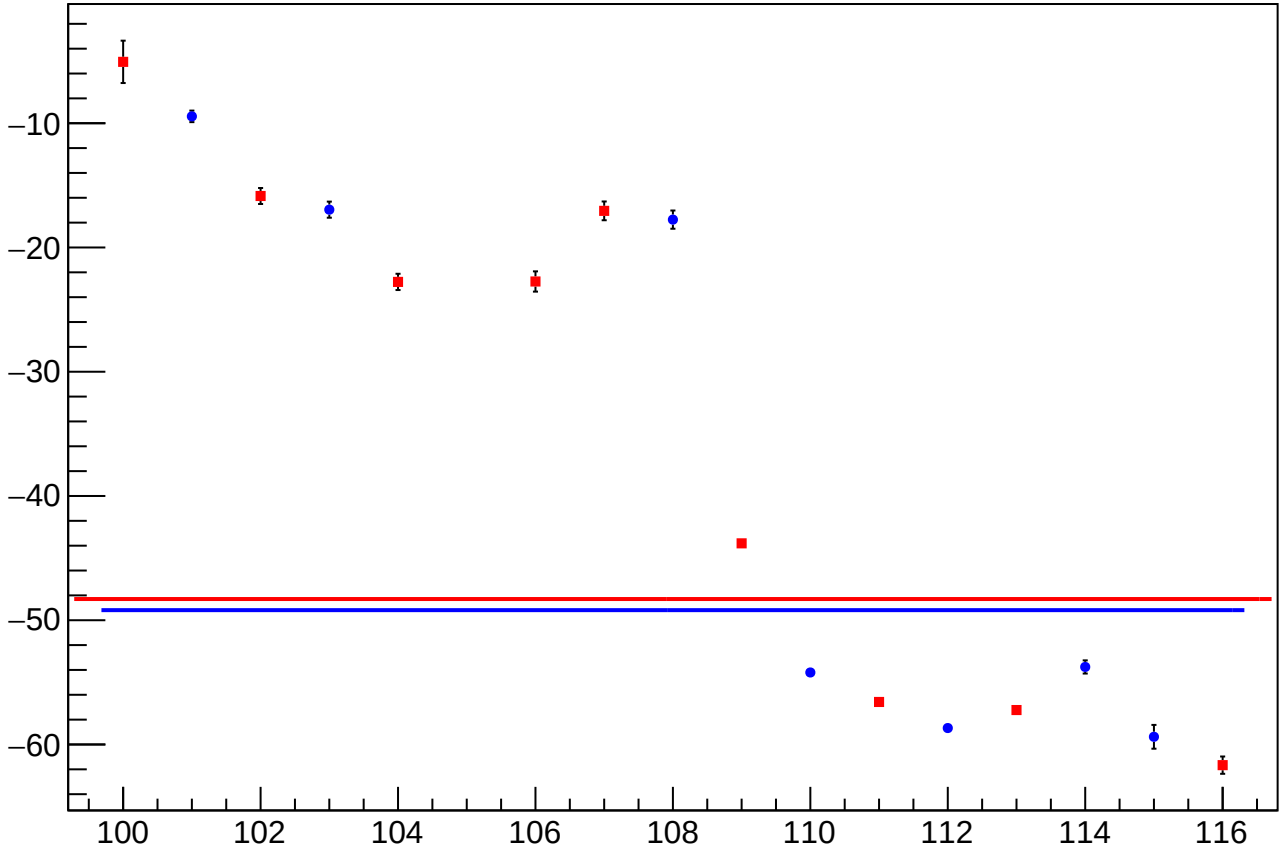
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -41.378+/-0.061 $\chi^2$/NDF: 16283.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam8_diff_bpm4eX_slope vs Slug




Right In: -49.188+/-0.139 $\chi^2$/NDF: 14259.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -48.293+/-0.115 $\chi^2$/NDF: 11192.3/8

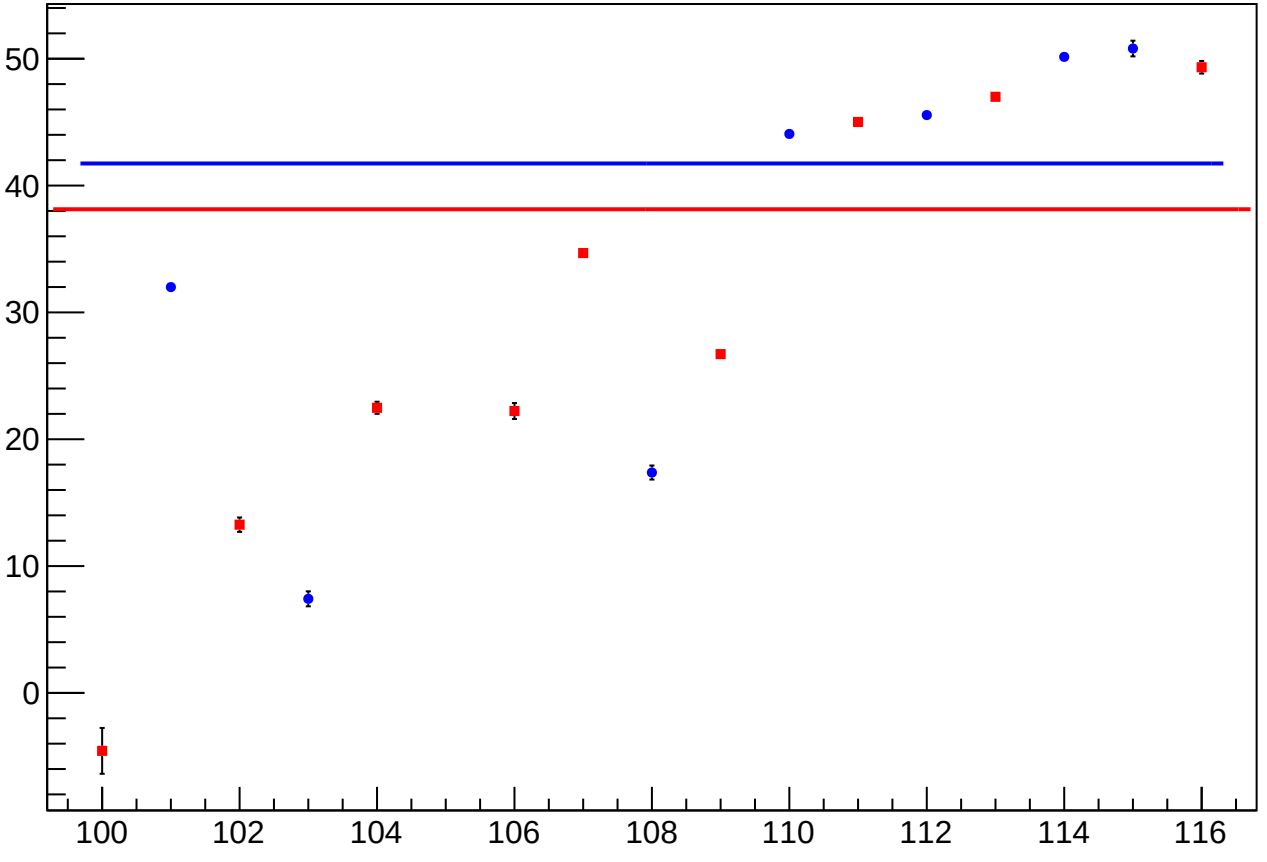
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -48.655+/-0.089 $\chi^2$/NDF: 25476.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam8_diff_bpm4eY_slope vs Slug




Right In: 41.741+/-0.103 $\chi^2$/NDF: 7928.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 38.133+/-0.090 $\chi^2$/NDF: 13214.0/8

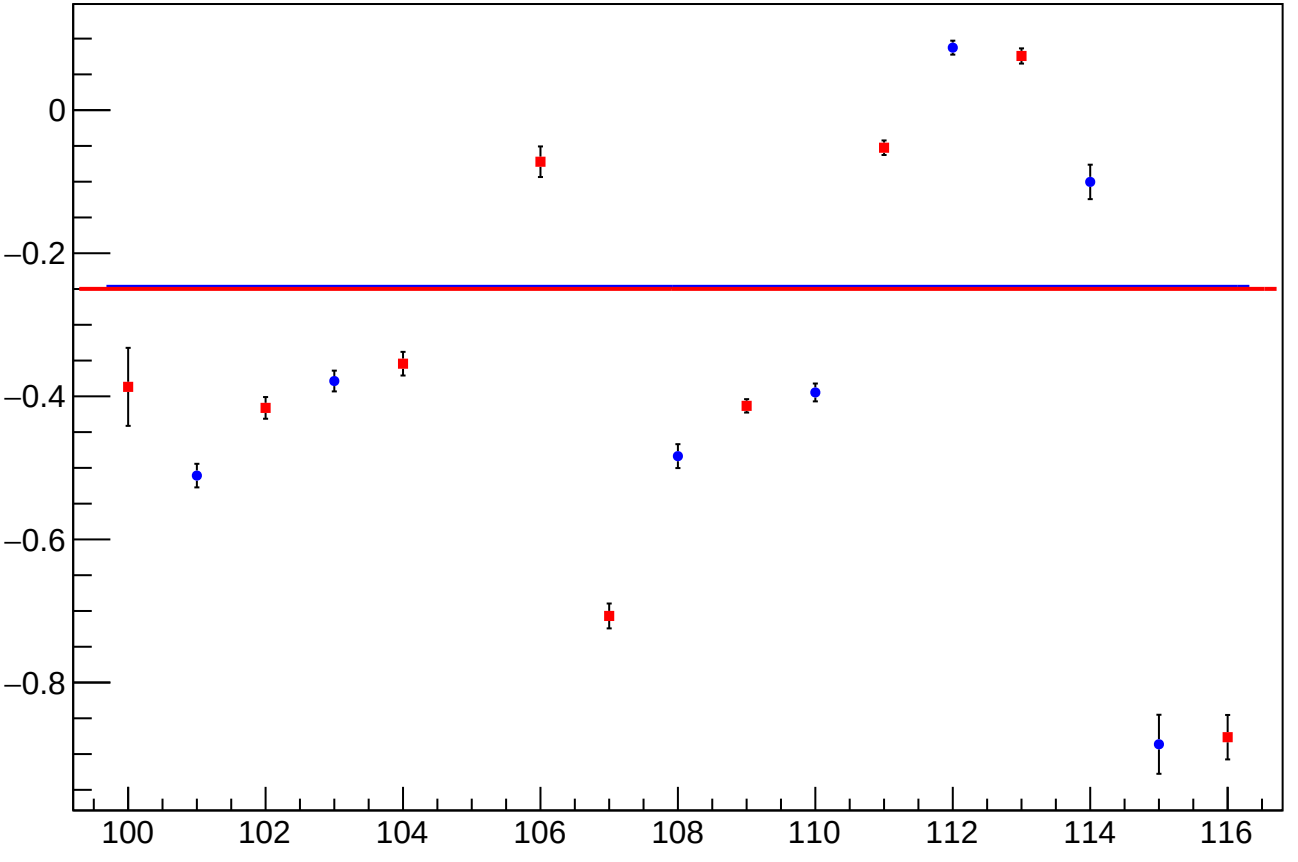
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 39.710+/-0.068 $\chi^2$/NDF: 21838.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam8_diff_bpm12X_slope vs Slug




Right In: -0.247+/-0.006 $\chi^2$/NDF: 2131.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.250+/-0.005 $\chi^2$/NDF: 2953.2/8

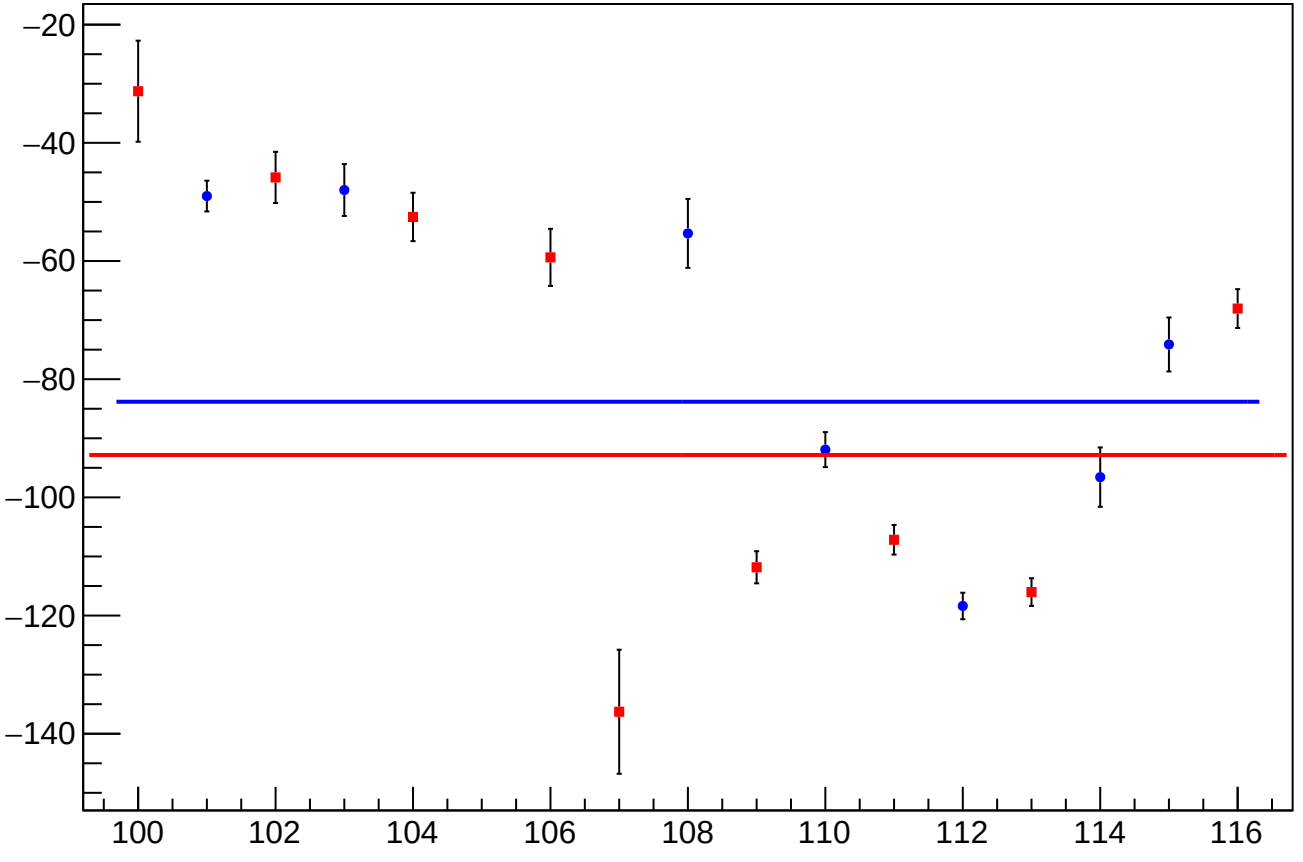
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.249+/-0.004 $\chi^2$/NDF: 5084.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usl_diff_bpm4aX_slope vs Slug




Right In: -83.815+/-1.260 $\chi^2$/NDF: 525.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -92.830+/-1.157 $\chi^2$/NDF: 567.8/8

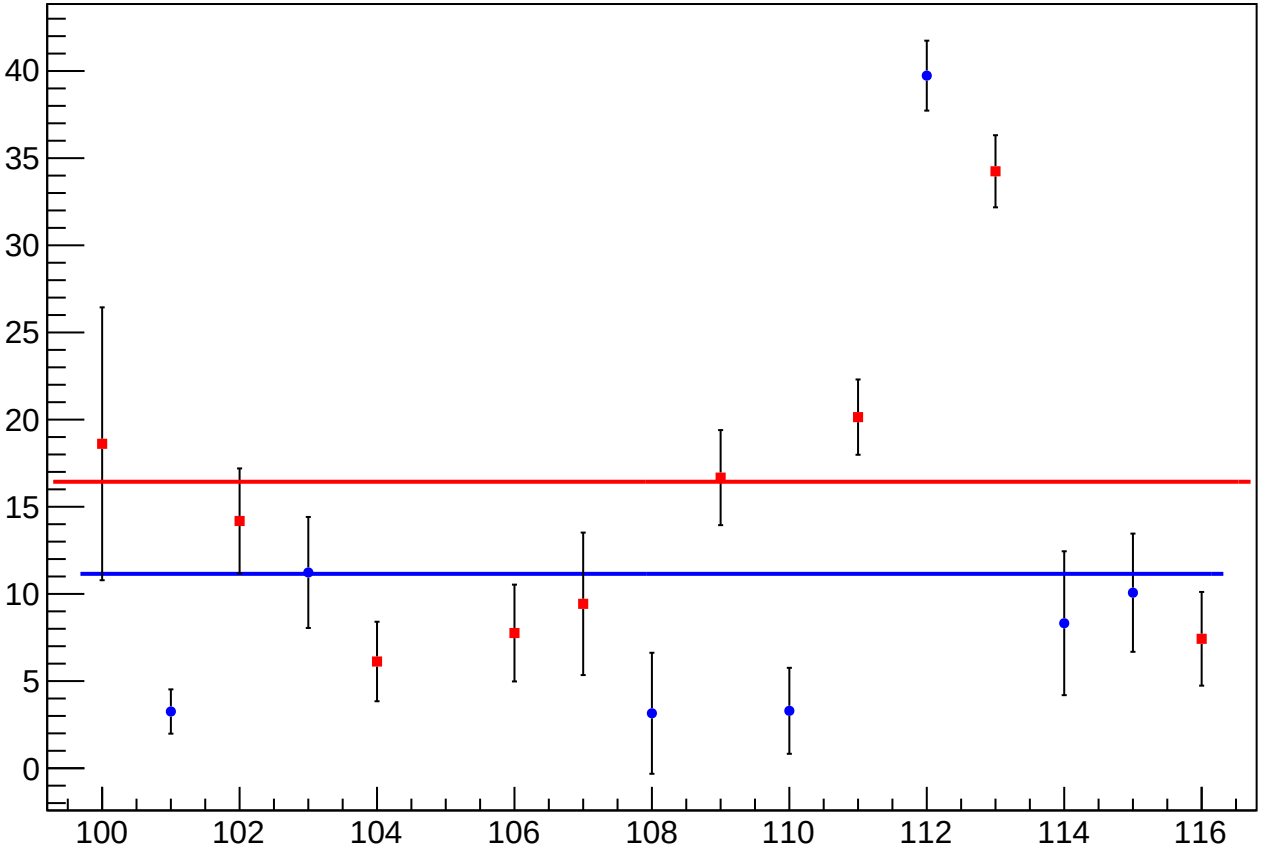
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -88.709+/-0.852 $\chi^2$/NDF: 1121.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usl_diff_bpm4aY_slope vs Slug




Right In: 11.152+/-0.858 $\chi^2$/NDF: 257.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 16.435+/-0.902 $\chi^2$/NDF: 122.1/8

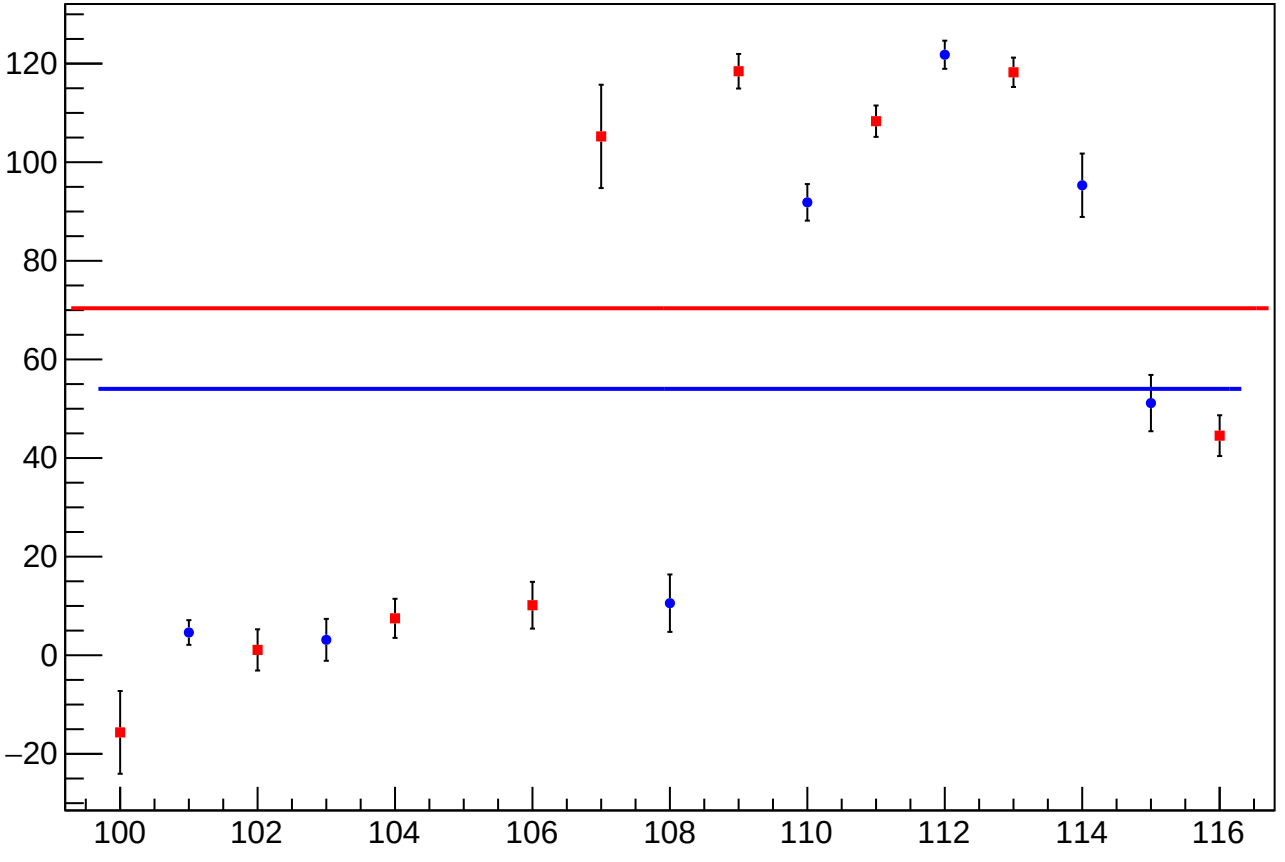
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 13.661+/-0.622 $\chi^2$/NDF: 397.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usl_diff_bpm4eX_slope vs Slug




Right In: 54.031+/-1.422 $\chi^2$/NDF: 1297.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 70.379+/-1.361 $\chi^2$/NDF: 1431.4/8

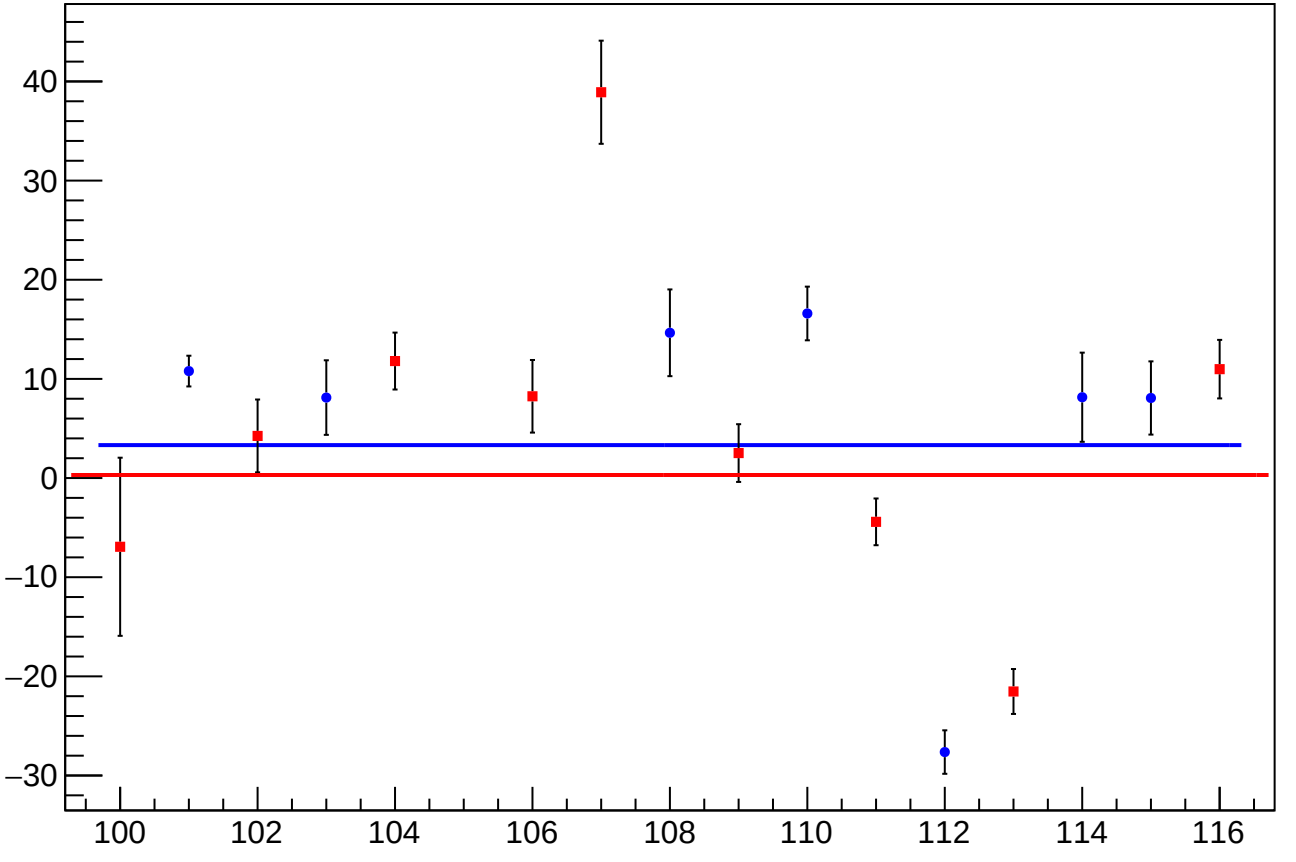
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 62.563+/-0.983 $\chi^2$/NDF: 2798.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usl_diff_bpm4eY_slope vs Slug




Right In: 3.323+/-0.997 $\chi^2$/NDF: 257.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.308+/-1.039 $\chi^2$/NDF: 188.1/8

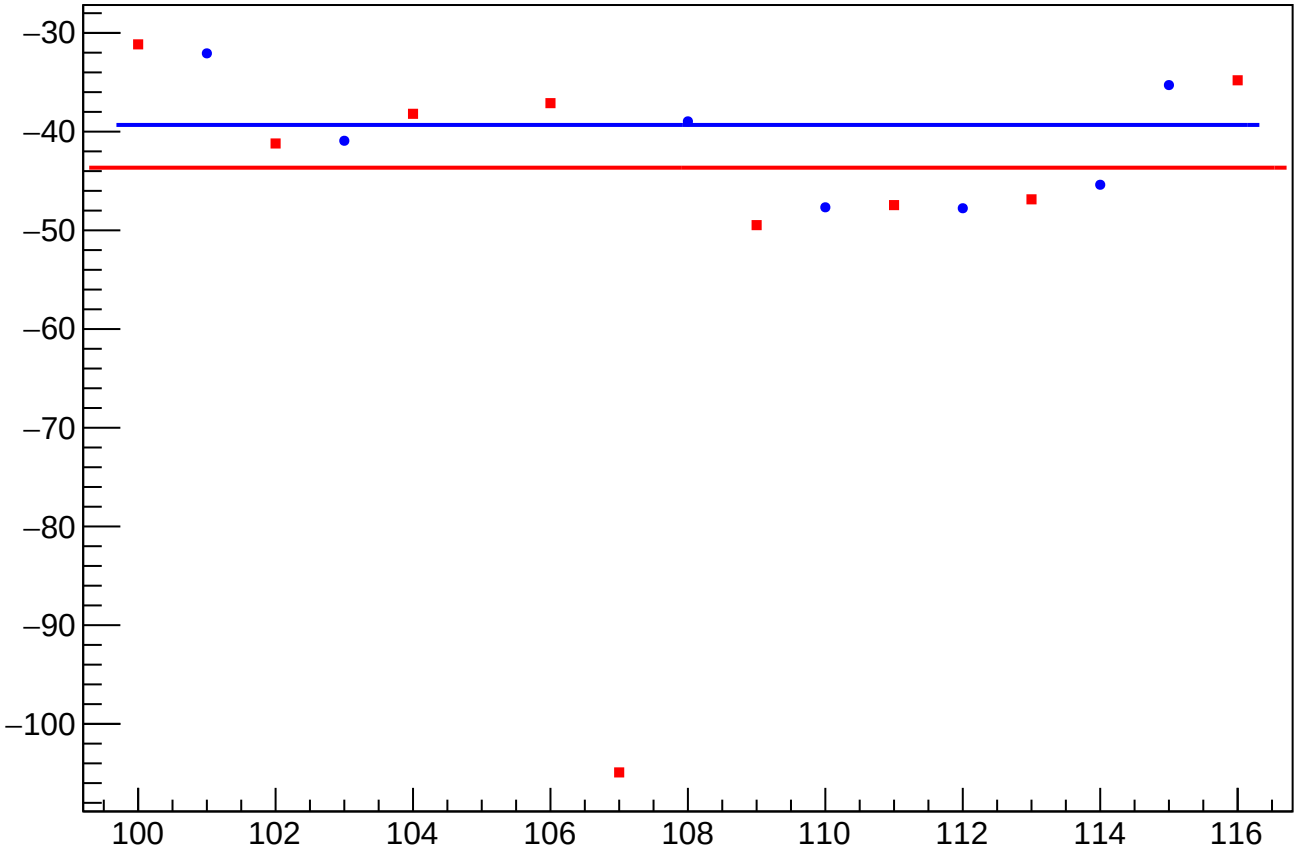
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.877+/-0.719 $\chi^2$/NDF: 450.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usl_diff_bpm12X_slope vs Slug




Right In: -39.321+/-0.050 $\chi^2$/NDF: 13636.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -43.652+/-0.046 $\chi^2$/NDF: 78101.2/8

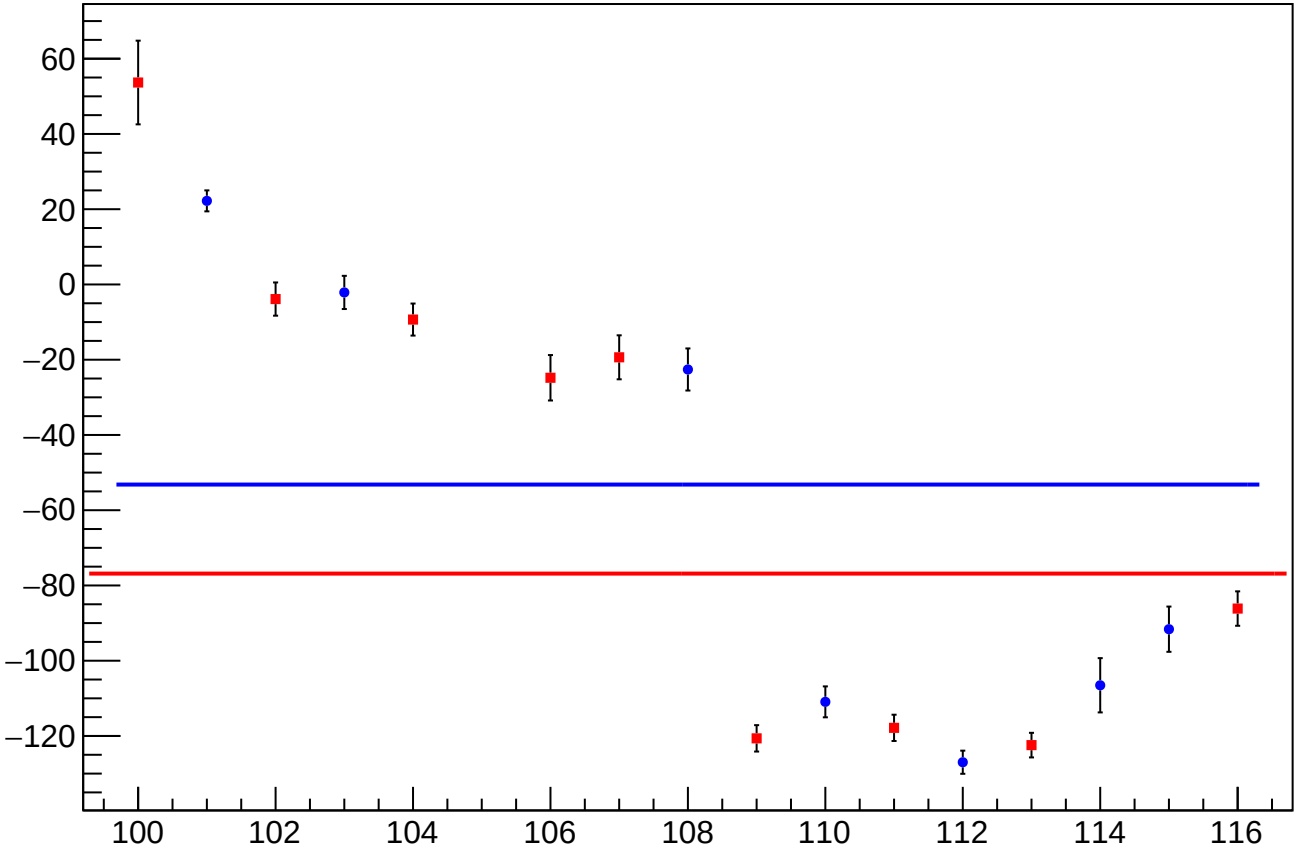
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -41.646+/-0.034 $\chi^2$/NDF: 95820.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usr_diff_bpm4aX_slope vs Slug




Right In: -53.182+/-1.536 $\chi^2$/NDF: 1764.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -76.844+/-1.449 $\chi^2$/NDF: 1325.8/8

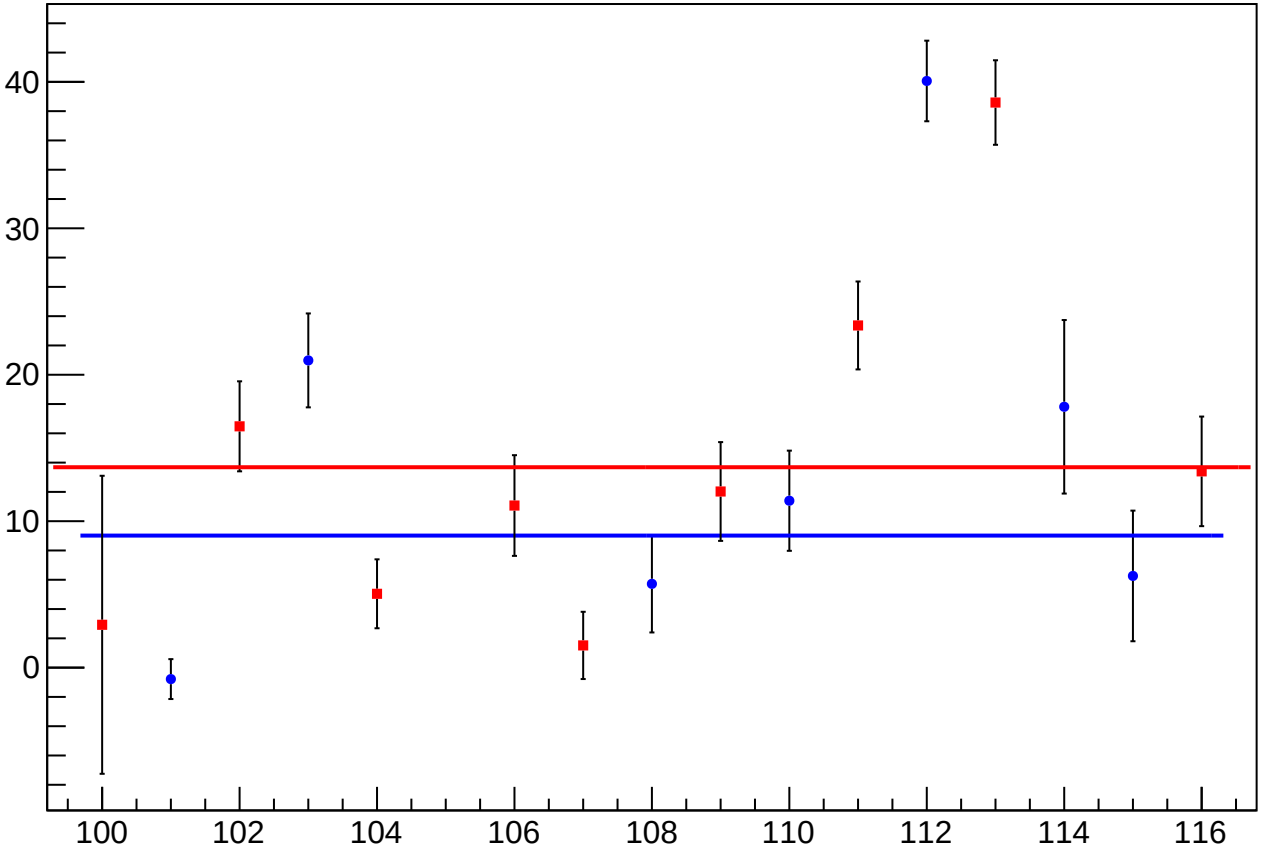
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -65.698+/-1.054 $\chi^2$/NDF: 3215.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usr_diff_bpm4aY_slope vs Slug




Right In: 9.017+/-0.989 $\chi^2$/NDF: 197.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 13.684+/-1.020 $\chi^2$/NDF: 129.2/8

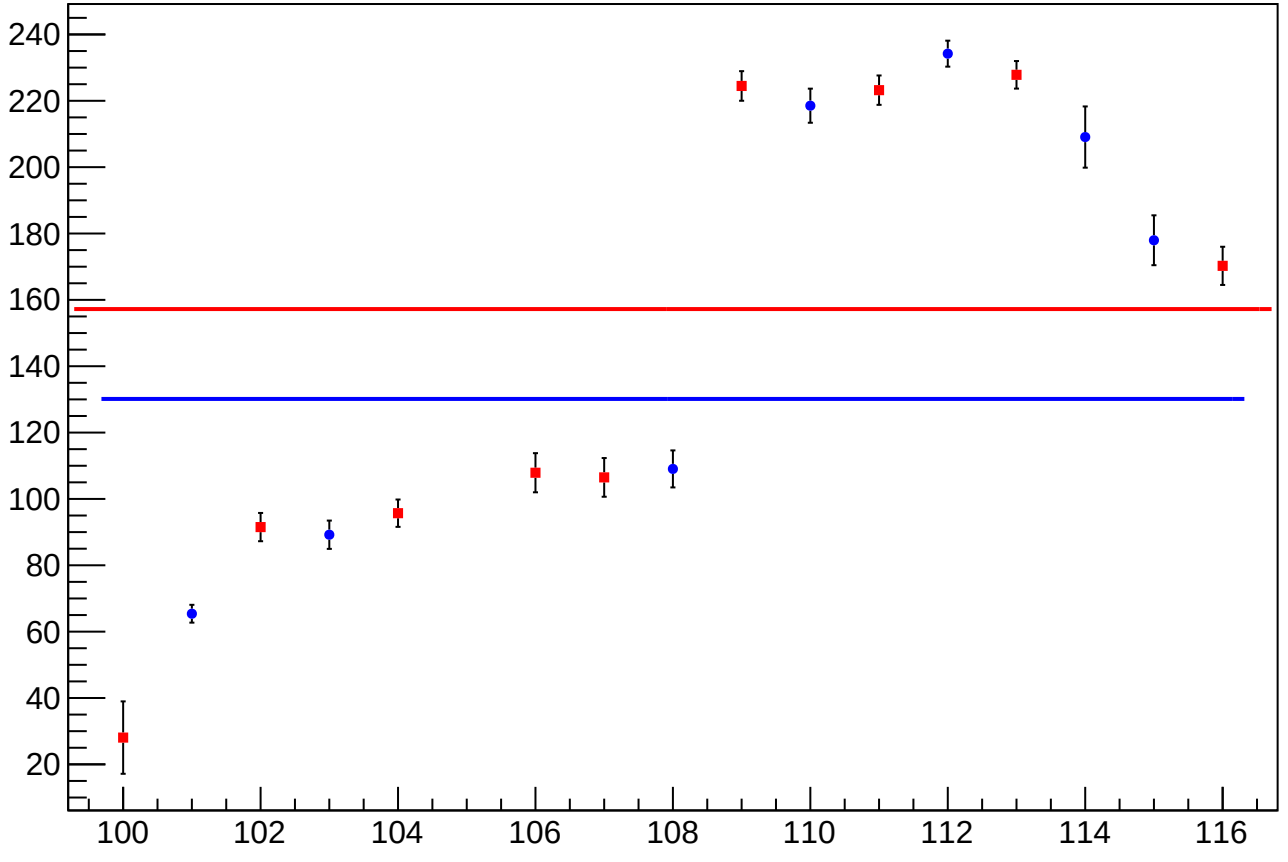
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 11.277+/-0.710 $\chi^2$/NDF: 336.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usr_diff_bpm4eX_slope vs Slug




Right In: 130.139+/-1.671 $\chi^2$/NDF: 1803.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 157.229+/-1.644 $\chi^2$/NDF: 1489.7/8

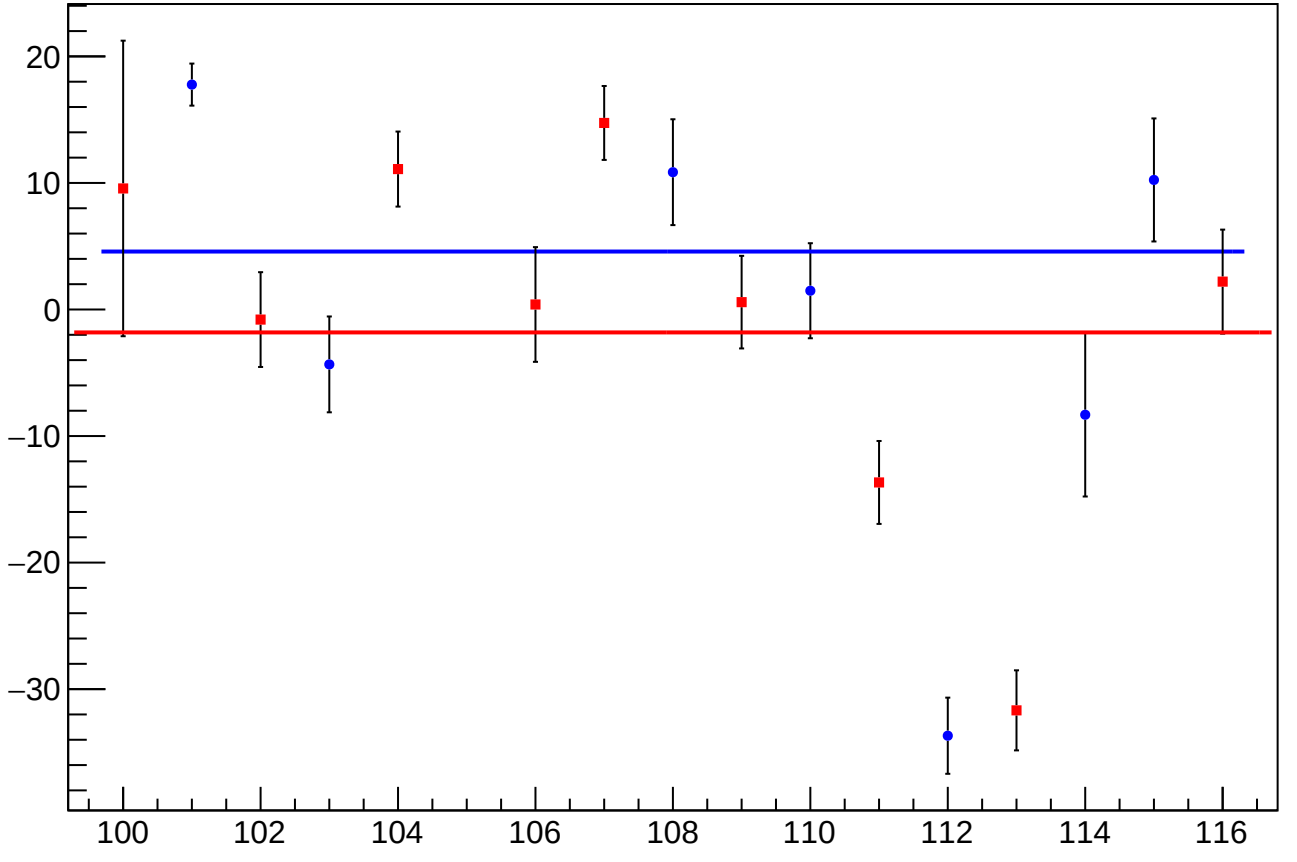
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 143.900+/-1.172 $\chi^2$/NDF: 3426.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usr_diff_bpm4eY_slope vs Slug




Right In: 4.580+/-1.165 $\chi^2$/NDF: 238.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.812+/-1.208 $\chi^2$/NDF: 155.9/8

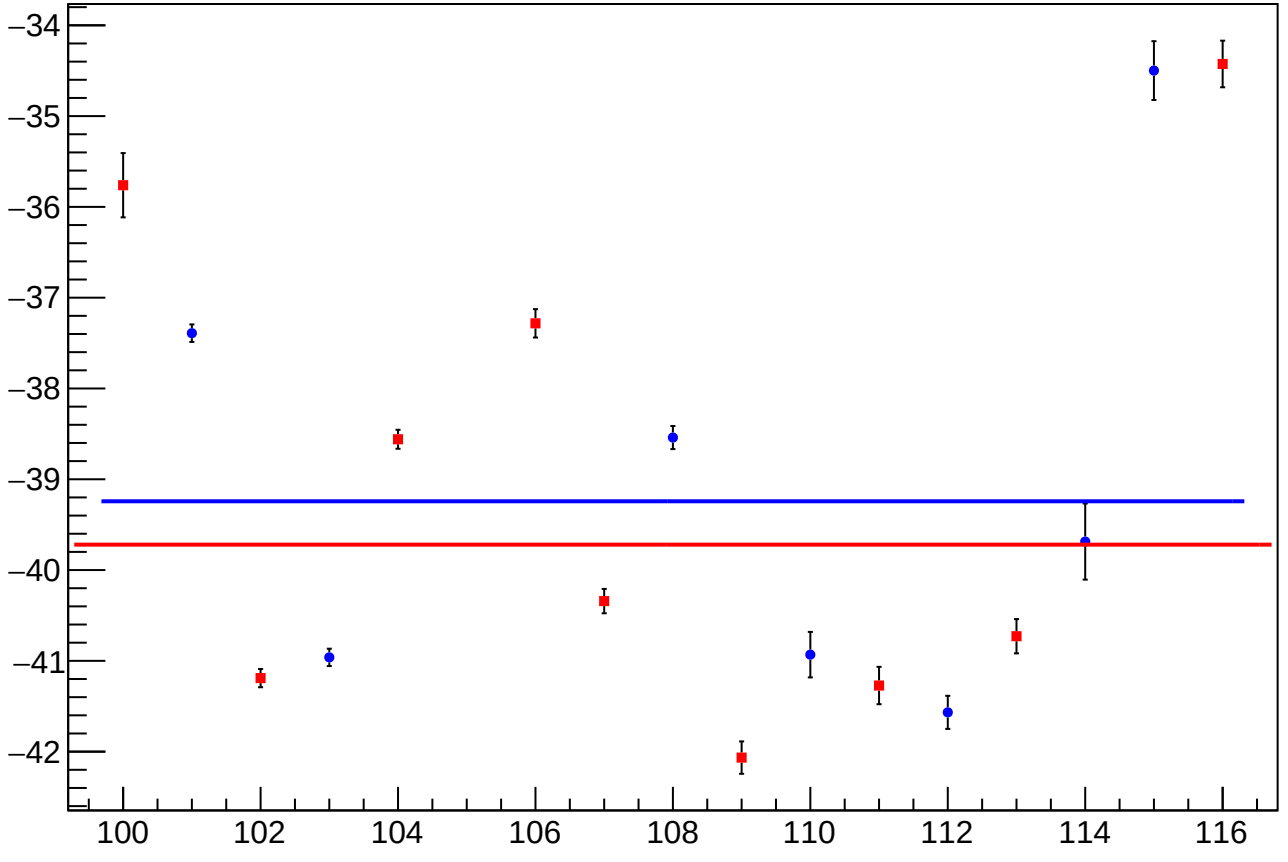
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.500+/-0.839 $\chi^2$/NDF: 409.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_usr_diff_bpm12X_slope vs Slug




Right In: -39.242+/-0.054 $\chi^2$/NDF: 1145.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -39.720+/-0.050 $\chi^2$/NDF: 1409.8/8

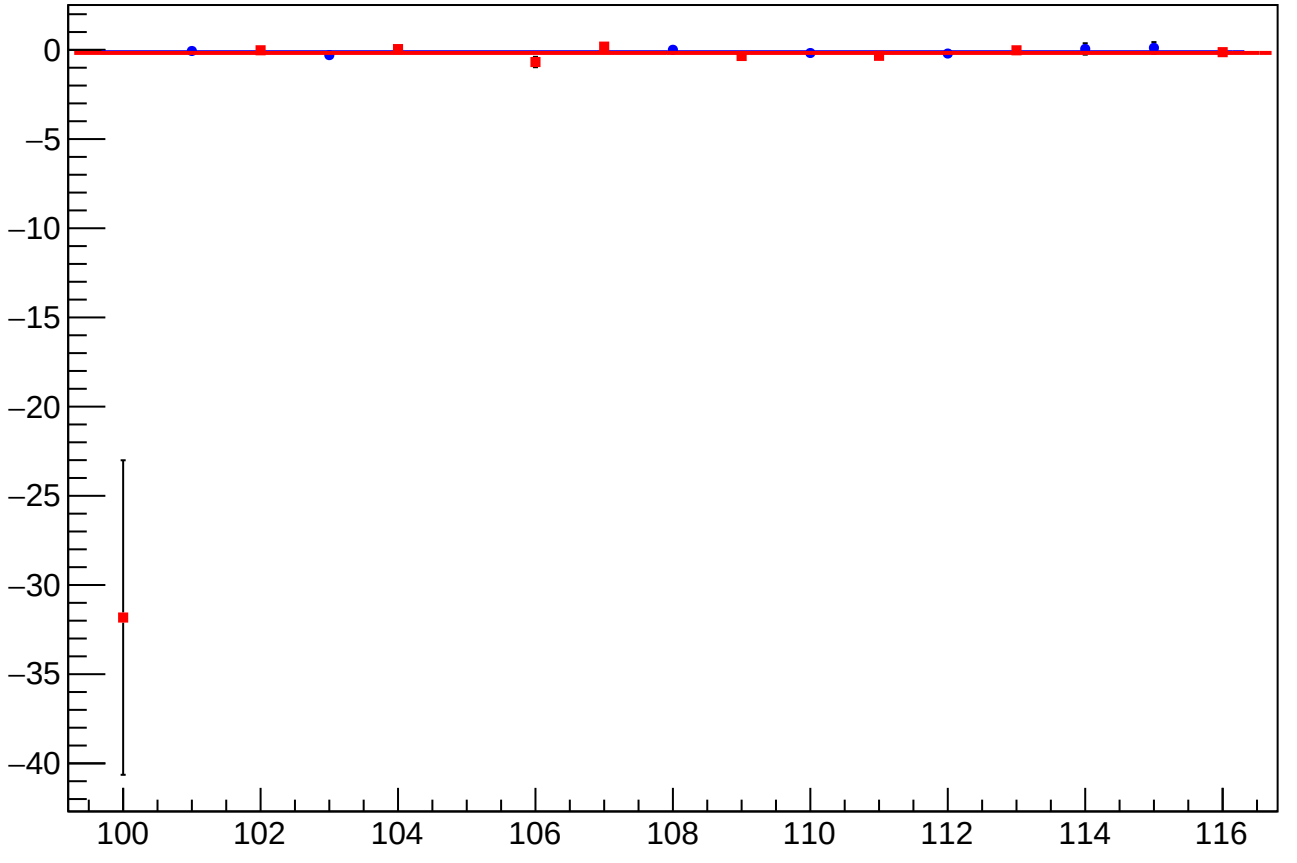
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -39.499+/-0.037 $\chi^2$/NDF: 2596.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsl_diff_bpm4aX_slope vs Slug




Right In: -0.129+/-0.072 $\chi^2$/NDF: 2.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.170+/-0.067 $\chi^2$/NDF: 22.6/8

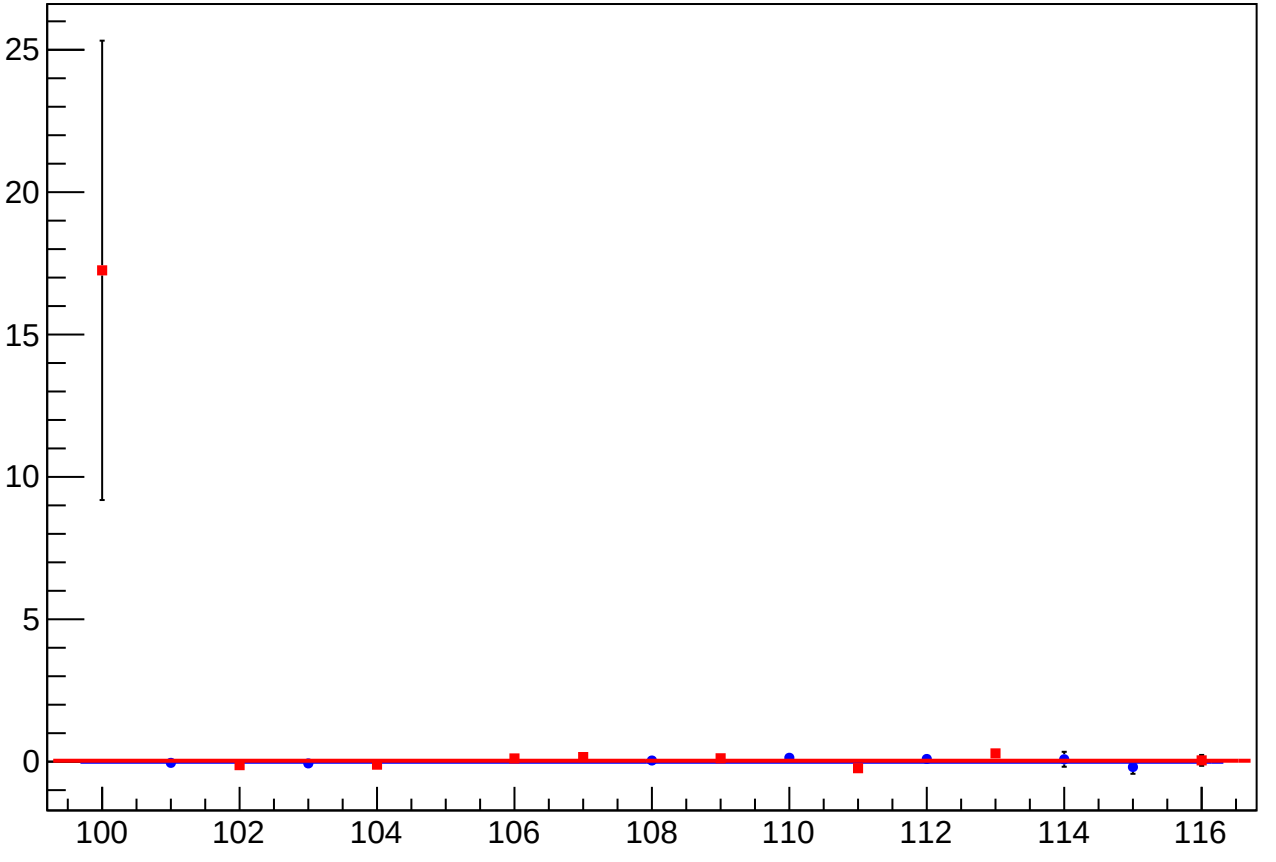
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.151+/-0.049 $\chi^2$/NDF: 25.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsl_diff_bpm4aY_slope vs Slug




Right In: -0.004+/-0.047 $\chi^2$/NDF: 2.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.032+/-0.048 $\chi^2$/NDF: 16.3/8

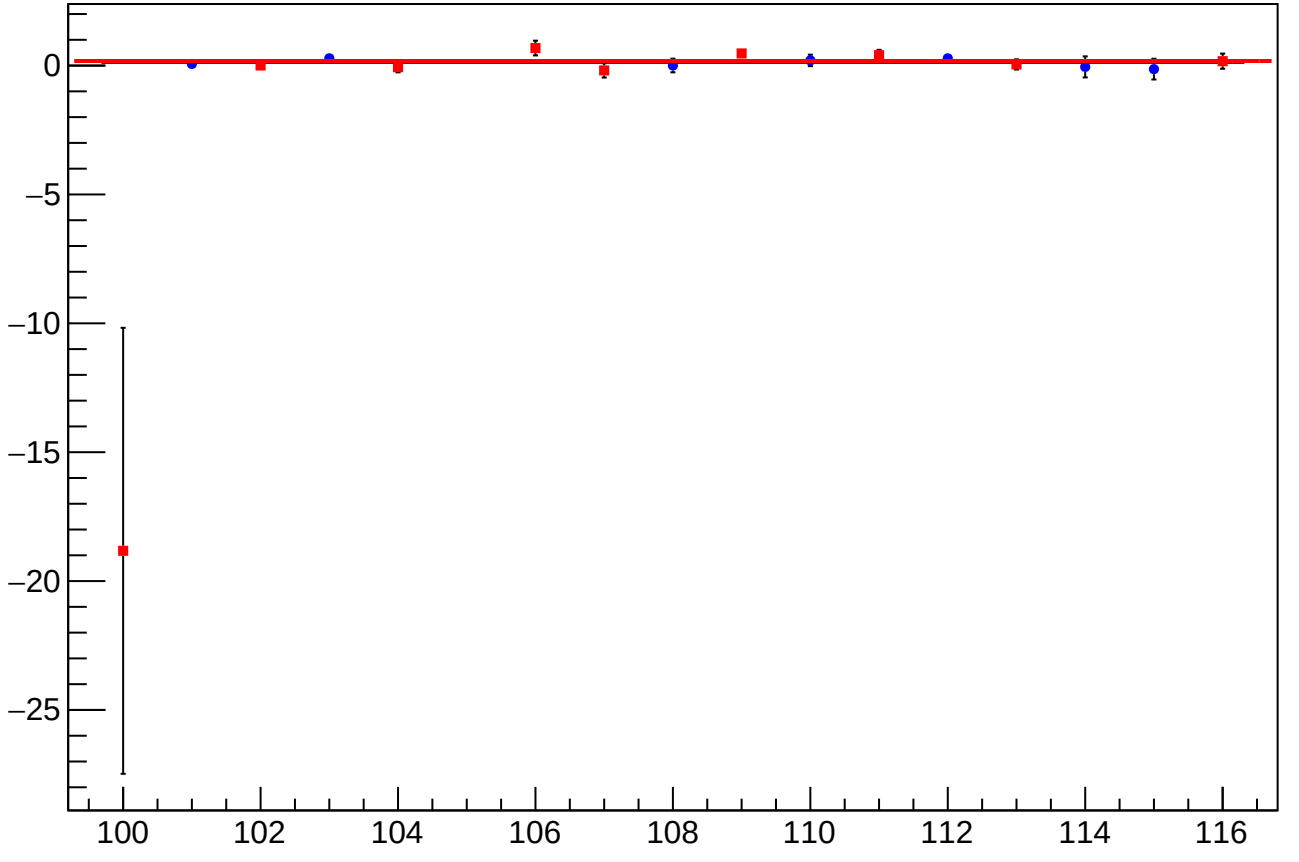
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.013+/-0.034 $\chi^2$/NDF: 19.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsl_diff_bpm4eX_slope vs Slug




Right In: 0.142+/-0.078 $\chi^2$/NDF: 2.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.178+/-0.077 $\chi^2$/NDF: 16.0/8

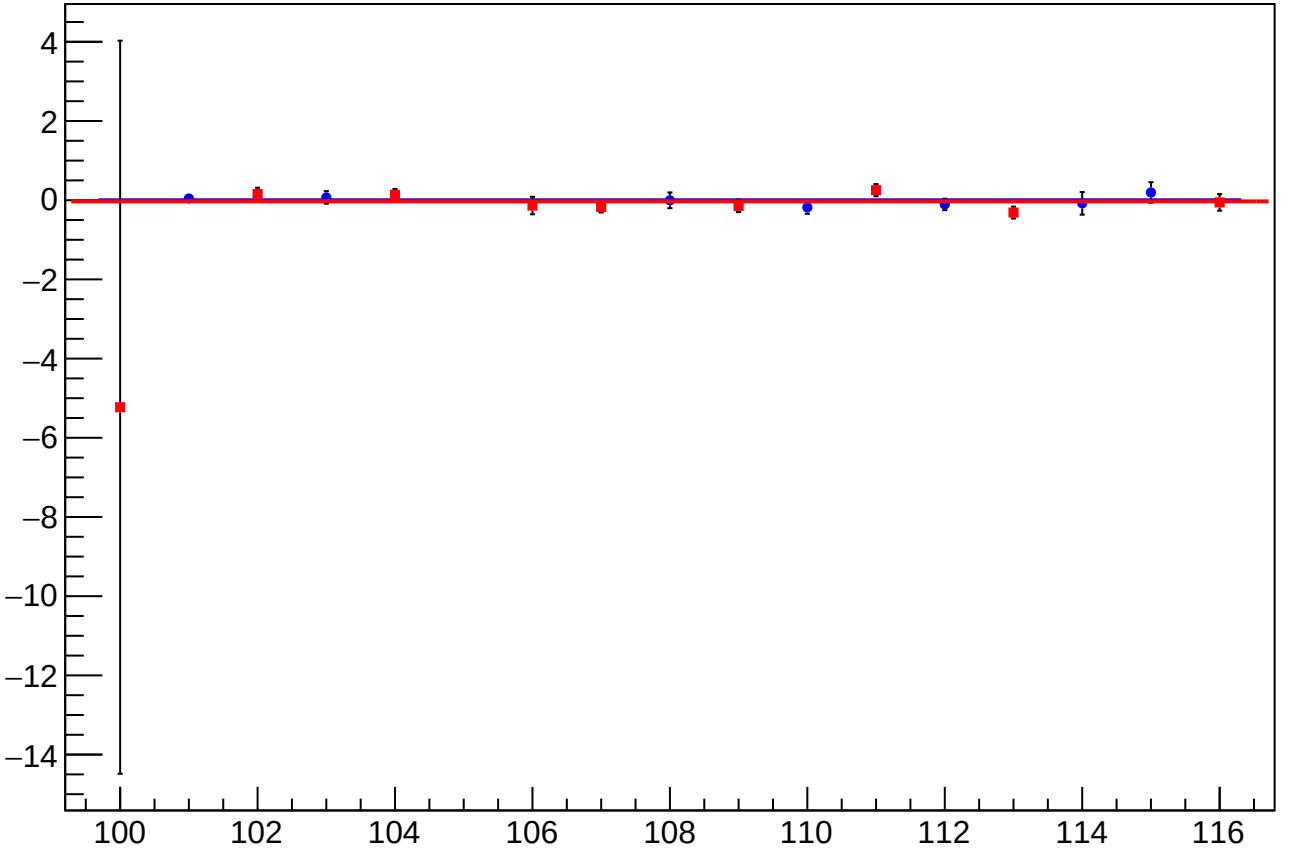
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.160+/-0.055 $\chi^2$/NDF: 18.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsl_diff_bpm4eY_slope vs Slug




Right In: -0.002+/-0.055 $\chi^2$/NDF: 2.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.031+/-0.057 $\chi^2$/NDF: 11.7/8

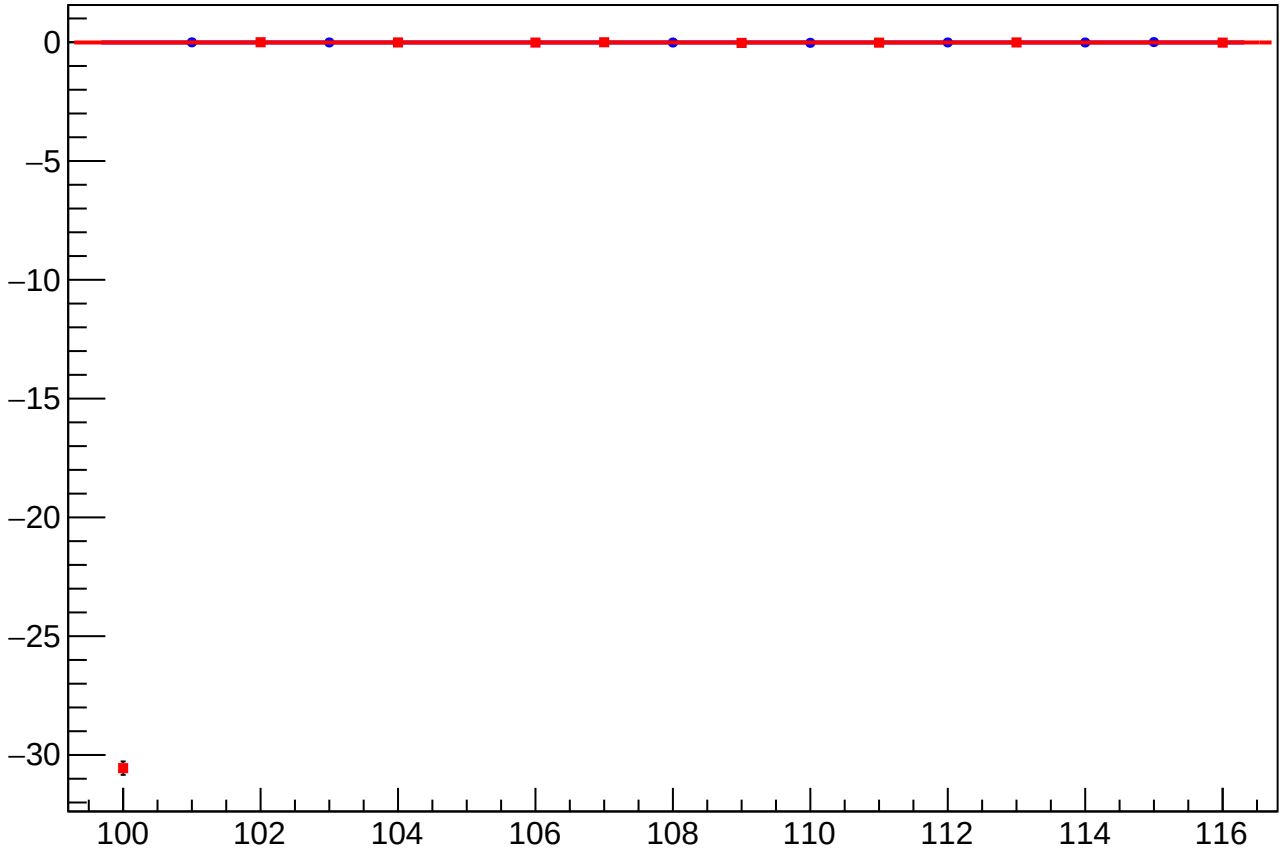
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.016+/-0.040 $\chi^2$/NDF: 14.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsl_diff_bpm12X_slope vs Slug




Right In: -0.010+/-0.002 $\chi^2$/NDF: 4.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.011+/-0.002 $\chi^2$/NDF: 11881.7/8

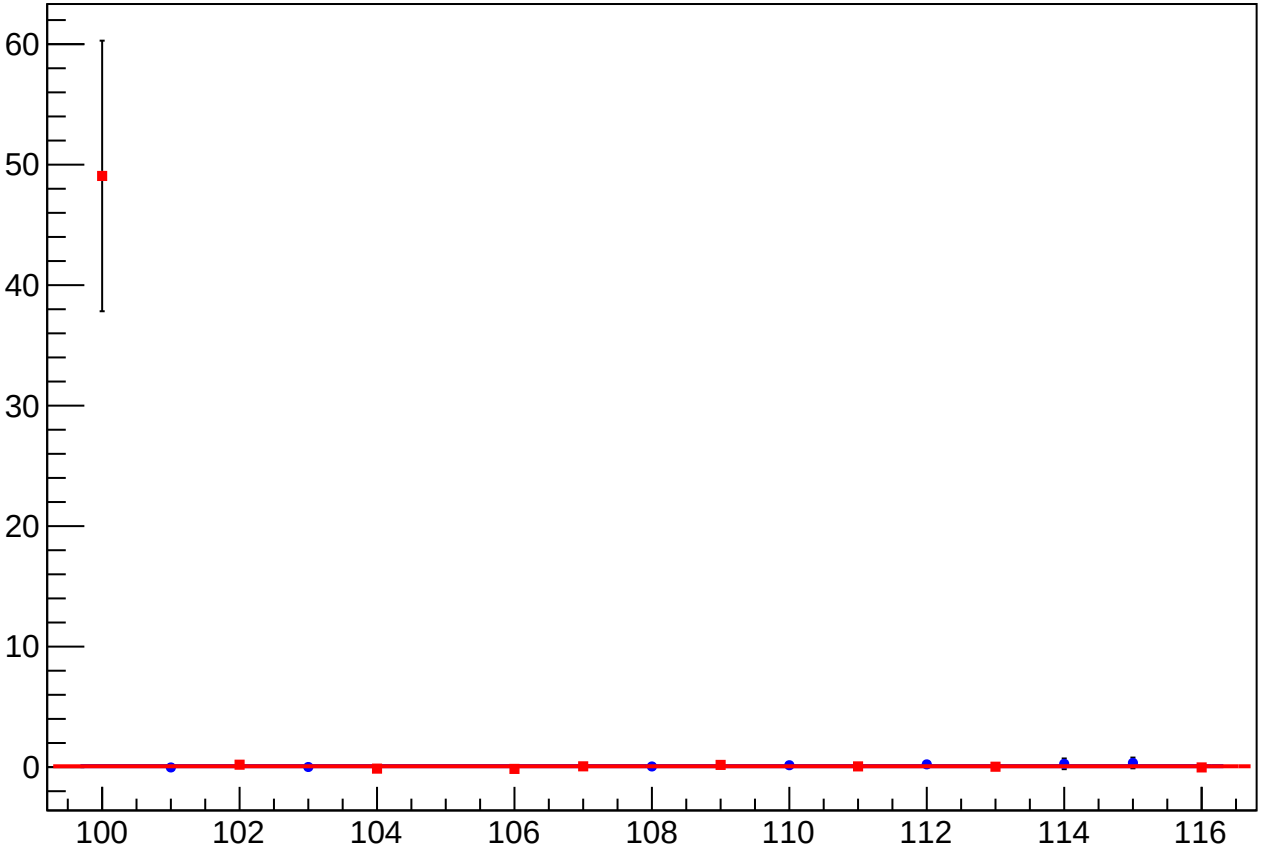
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.010+/-0.002 $\chi^2$/NDF: 11886.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsr_diff_bpm4aX_slope vs Slug




Right In: 0.079+/-0.087 $\chi^2$/NDF: 1.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.068+/-0.088 $\chi^2$/NDF: 20.8/8

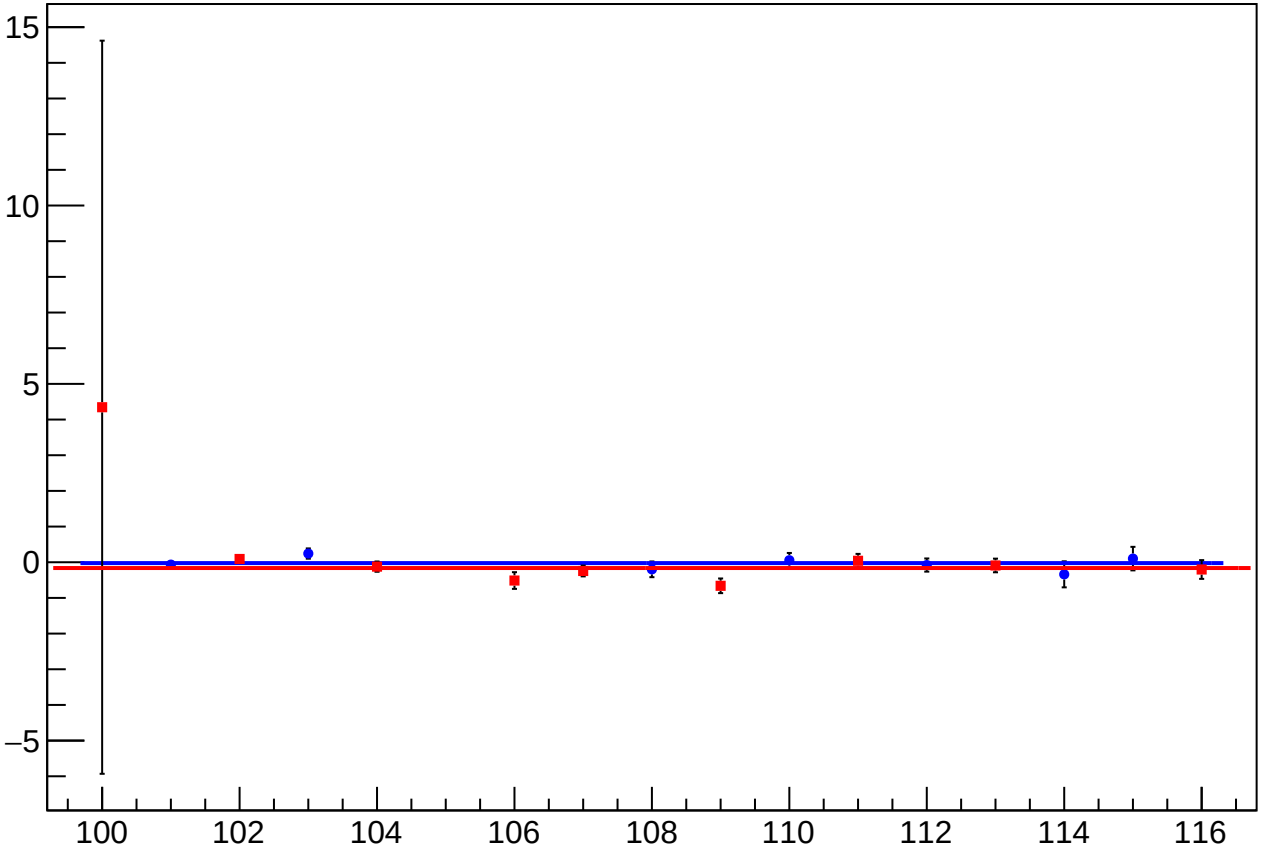
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.074+/-0.062 $\chi^2$/NDF: 22.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsr_diff_bpm4aY_slope vs Slug




Right In: -0.024+/-0.054 $\chi^2$/NDF: 5.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.162+/-0.063 $\chi^2$/NDF: 13.3/8

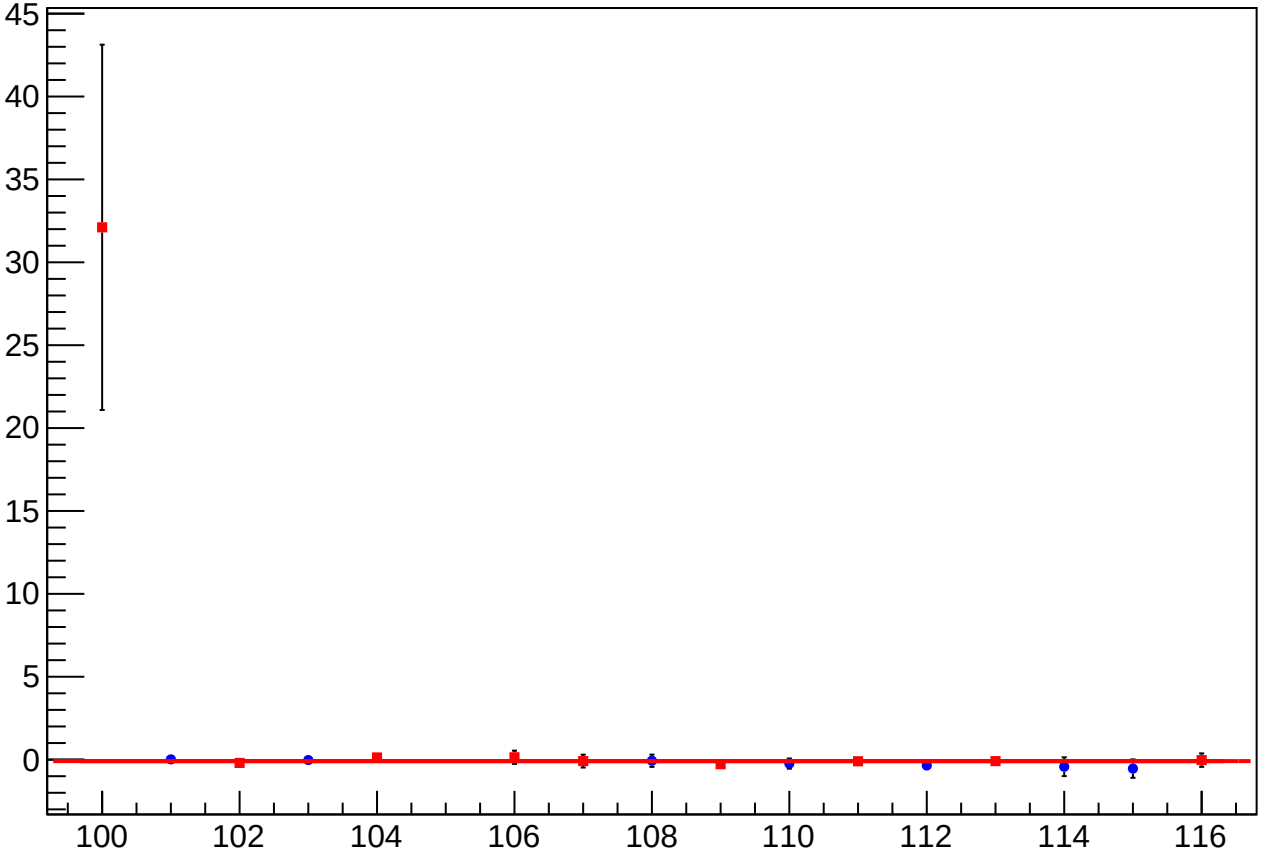
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.083+/-0.041 $\chi^2$/NDF: 21.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsr_diff_bpm4eX_slope vs Slug




Right In: -0.094+/-0.092 $\chi^2$/NDF: 2.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.089+/-0.098 $\chi^2$/NDF: 10.6/8

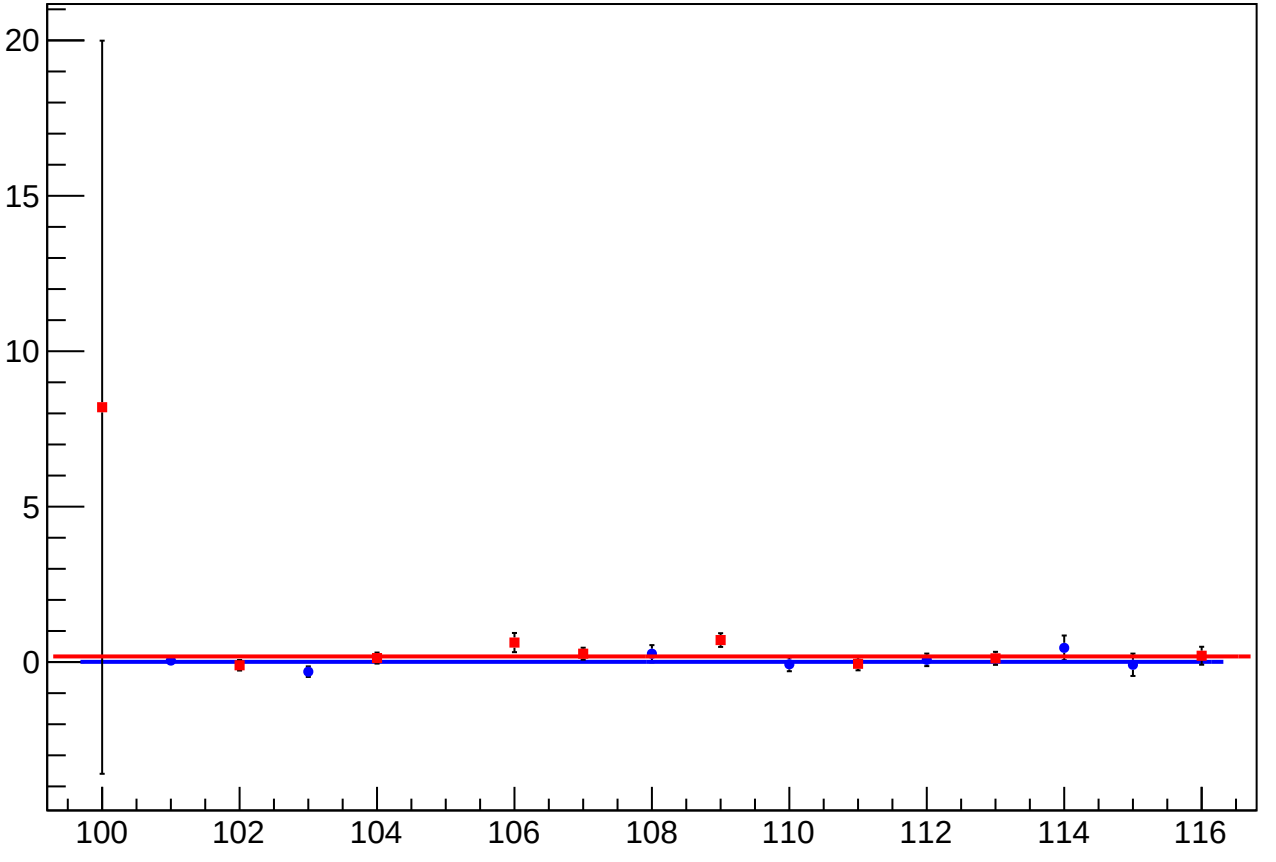
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.092+/-0.067 $\chi^2$/NDF: 13.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsr_diff_bpm4eY_slope vs Slug




Right In: 0.007+/-0.065 $\chi^2$/NDF: 6.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.181+/-0.074 $\chi^2$/NDF: 12.7/8

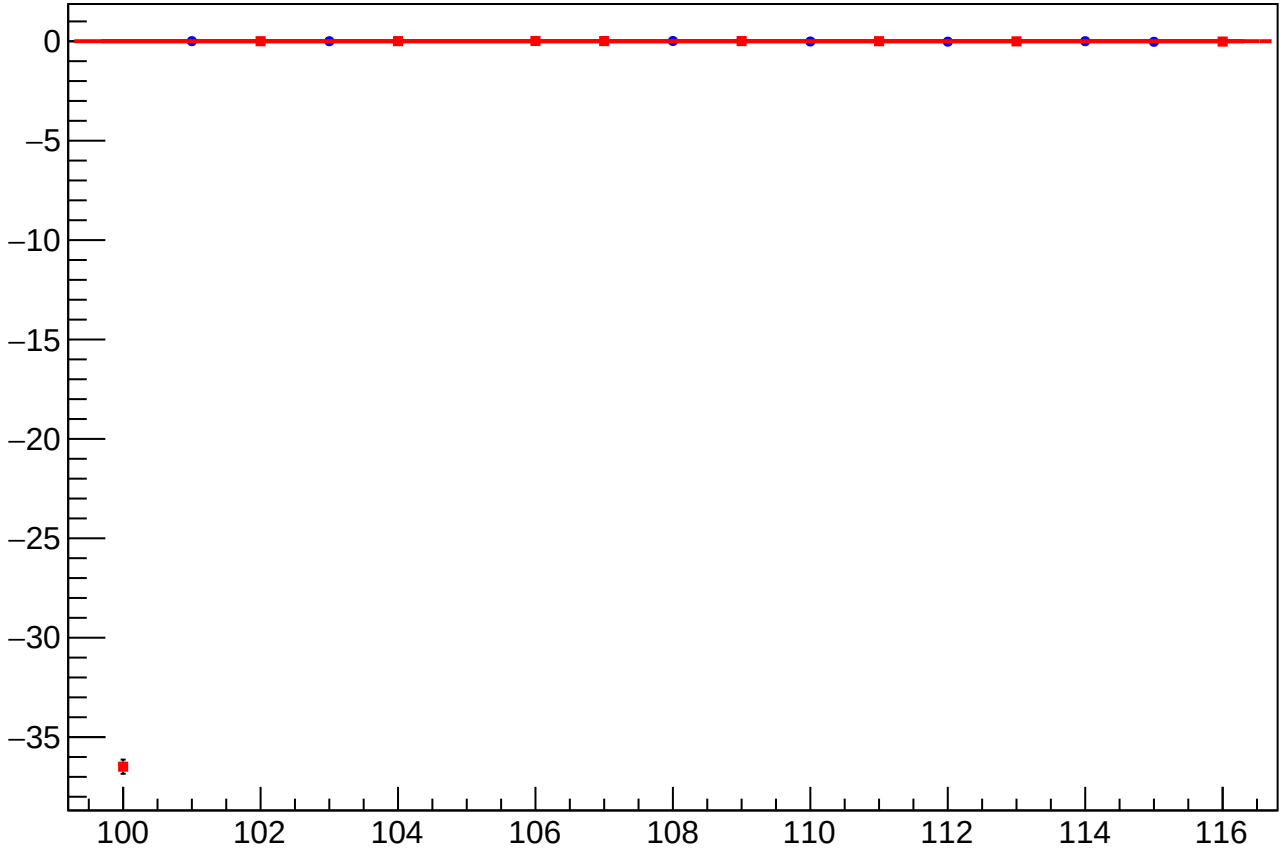
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.082+/-0.049 $\chi^2$/NDF: 22.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_dsr_diff_bpm12X_slope vs Slug




Right In: 0.005+/-0.003 $\chi^2$/NDF: 8.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.005+/-0.003 $\chi^2$/NDF: 10434.1/8

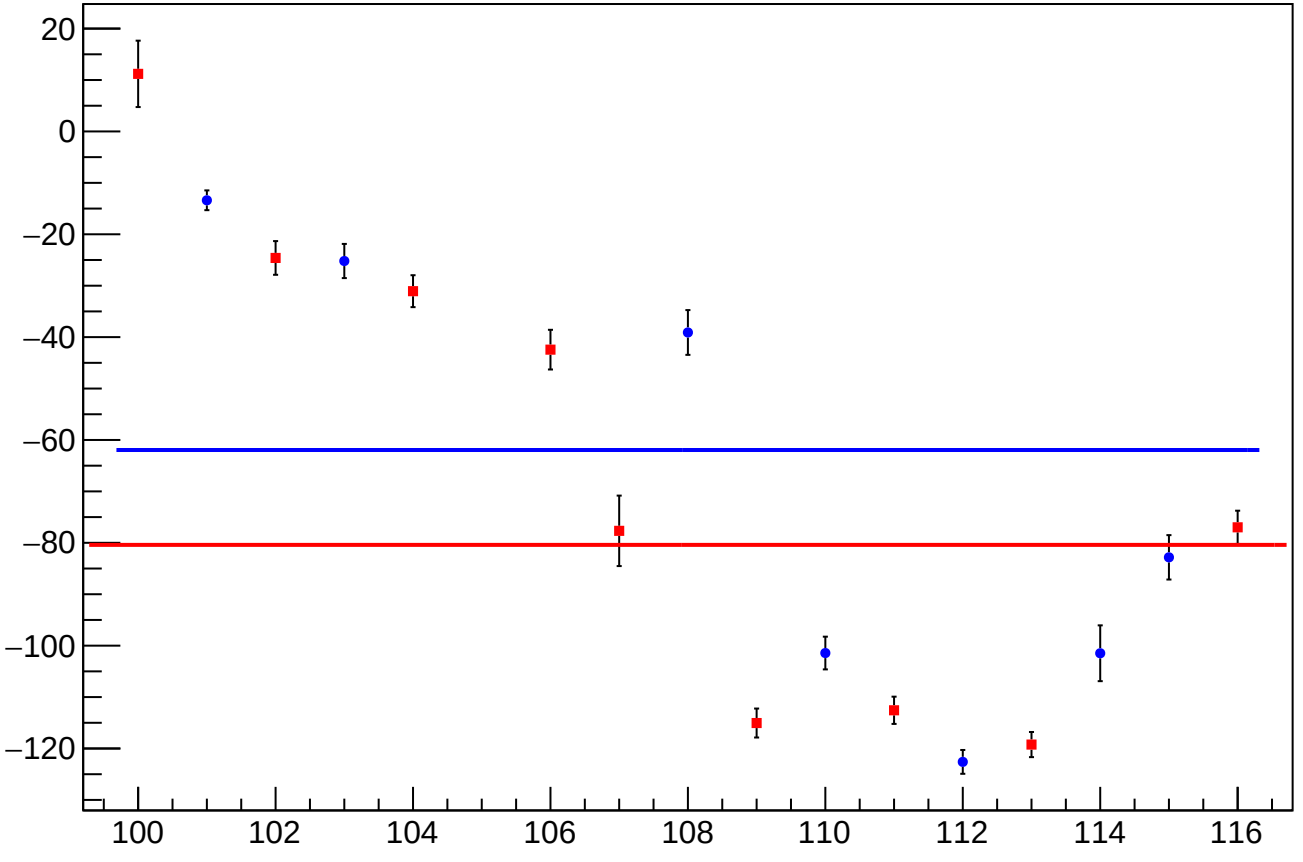
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.005+/-0.002 $\chi^2$/NDF: 10442.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_avg_diff_bpm4aX_slope vs Slug




Right In: -61.952+/-1.127 $\chi^2$/NDF: 1704.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -80.402+/-1.090 $\chi^2$/NDF: 1393.0/8

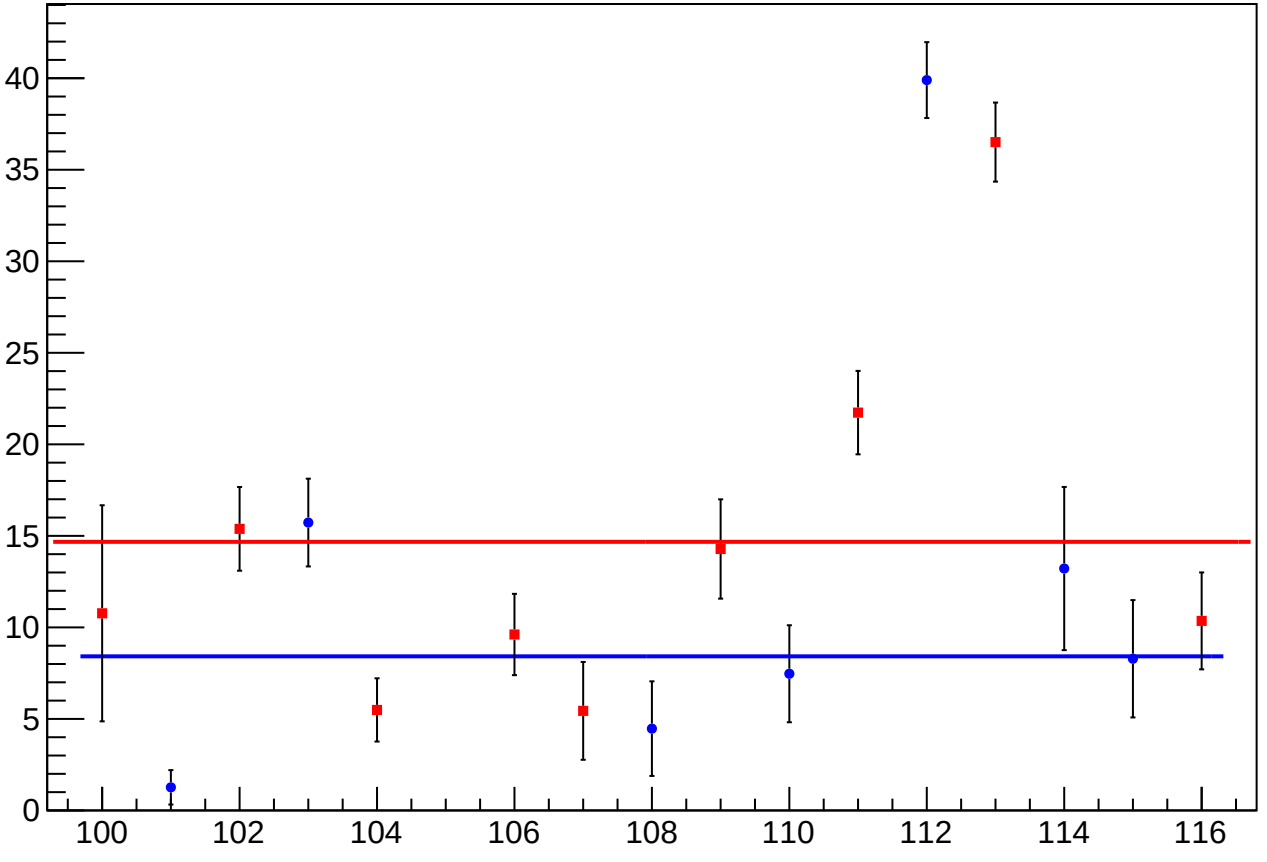
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -71.485+/-0.784 $\chi^2$/NDF: 3235.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_avg_diff_bpm4aY_slope vs Slug




Right In: 8.419+/-0.711 $\chi^2$/NDF: 301.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 14.674+/-0.795 $\chi^2$/NDF: 160.5/8

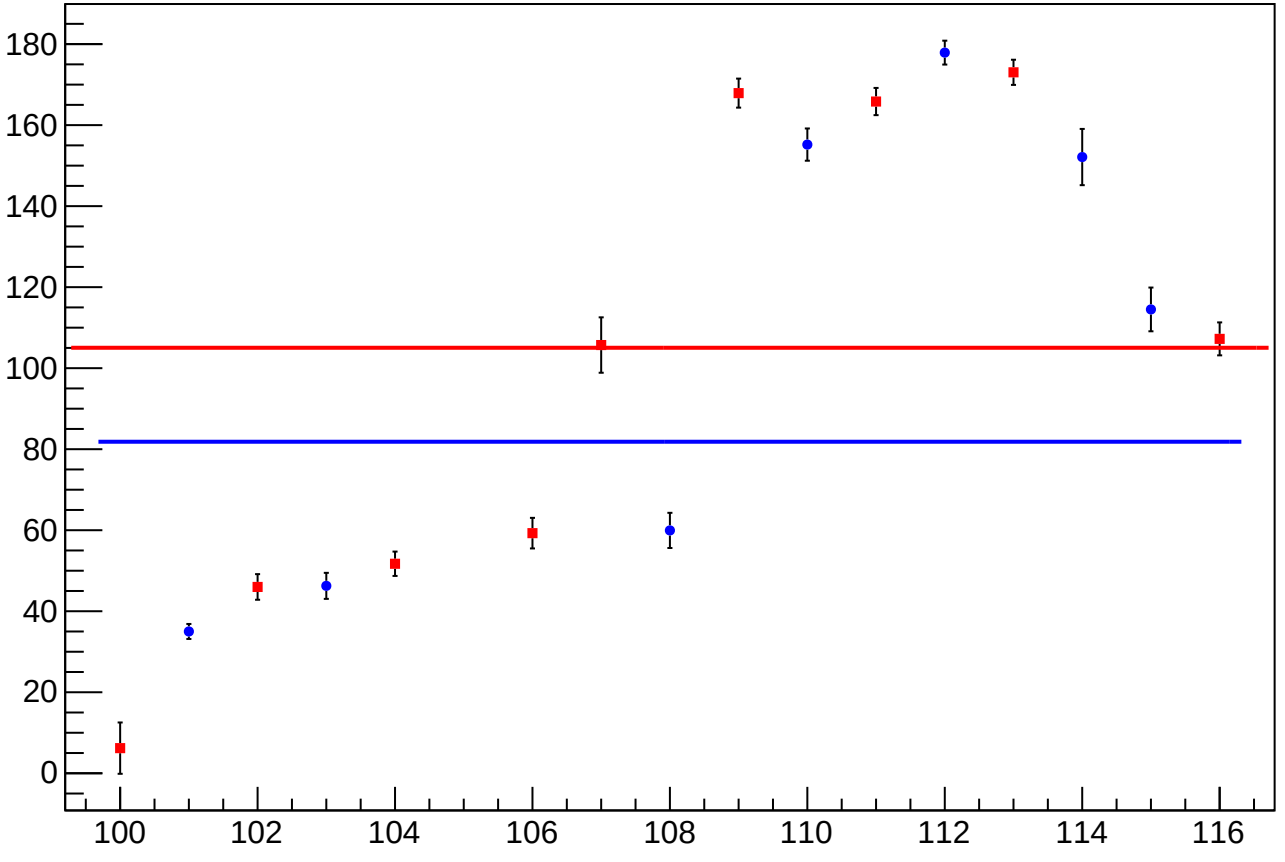
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 11.200+/-0.530 $\chi^2$/NDF: 496.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_avg_diff_bpm4eX_slope vs Slug




Right In: 81.842+/-1.218 $\chi^2$/NDF: 2326.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 105.040+/-1.233 $\chi^2$/NDF: 2168.3/8

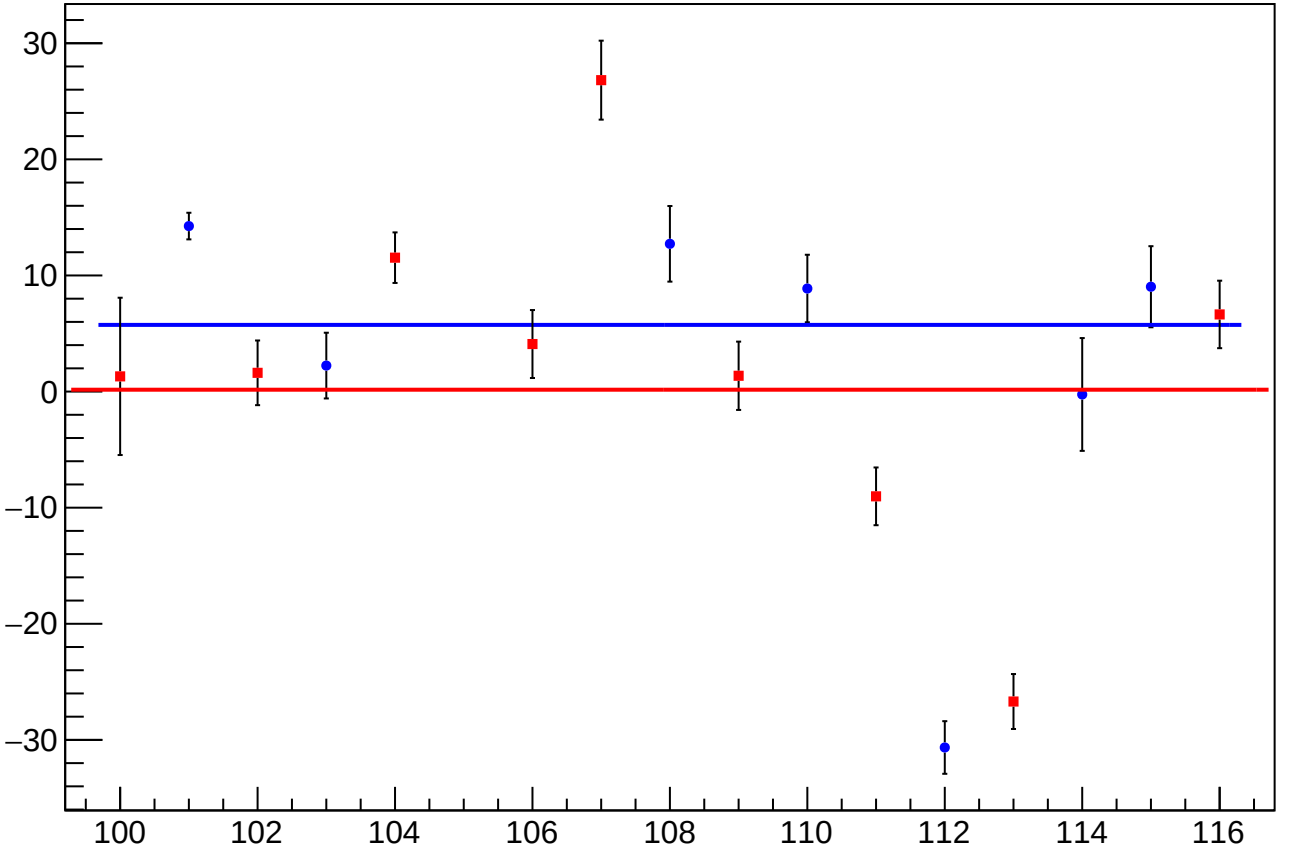
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 93.295+/-0.866 $\chi^2$/NDF: 4674.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_avg_diff_bpm4eY_slope vs Slug




Right In: 5.742+/-0.840 $\chi^2$/NDF: 322.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.160+/-0.937 $\chi^2$/NDF: 238.4/8

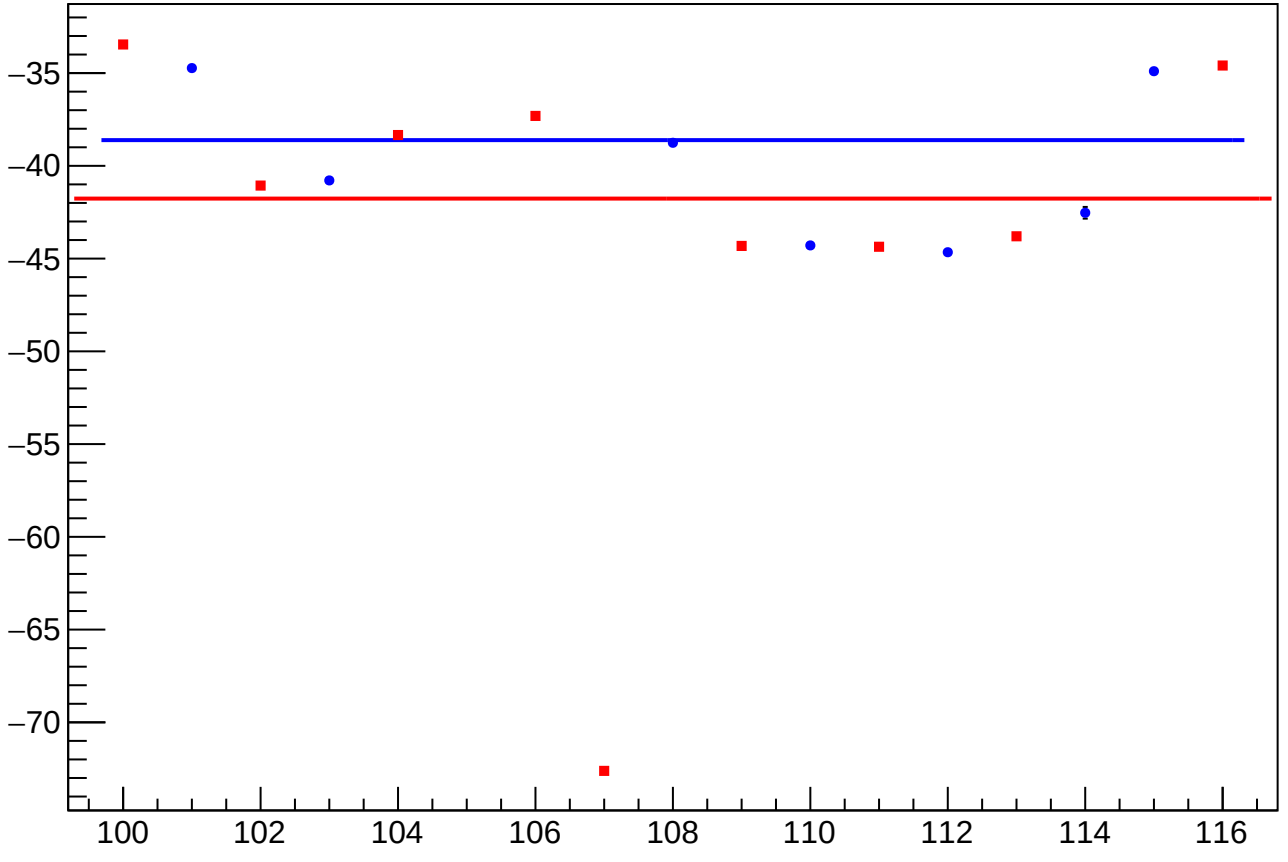
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3.255+/-0.625 $\chi^2$/NDF: 580.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_avg_diff_bpm12X_slope vs Slug




Right In: -38.614+/-0.040 $\chi^2$/NDF: 7509.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -41.765+/-0.038 $\chi^2$/NDF: 46595.4/8

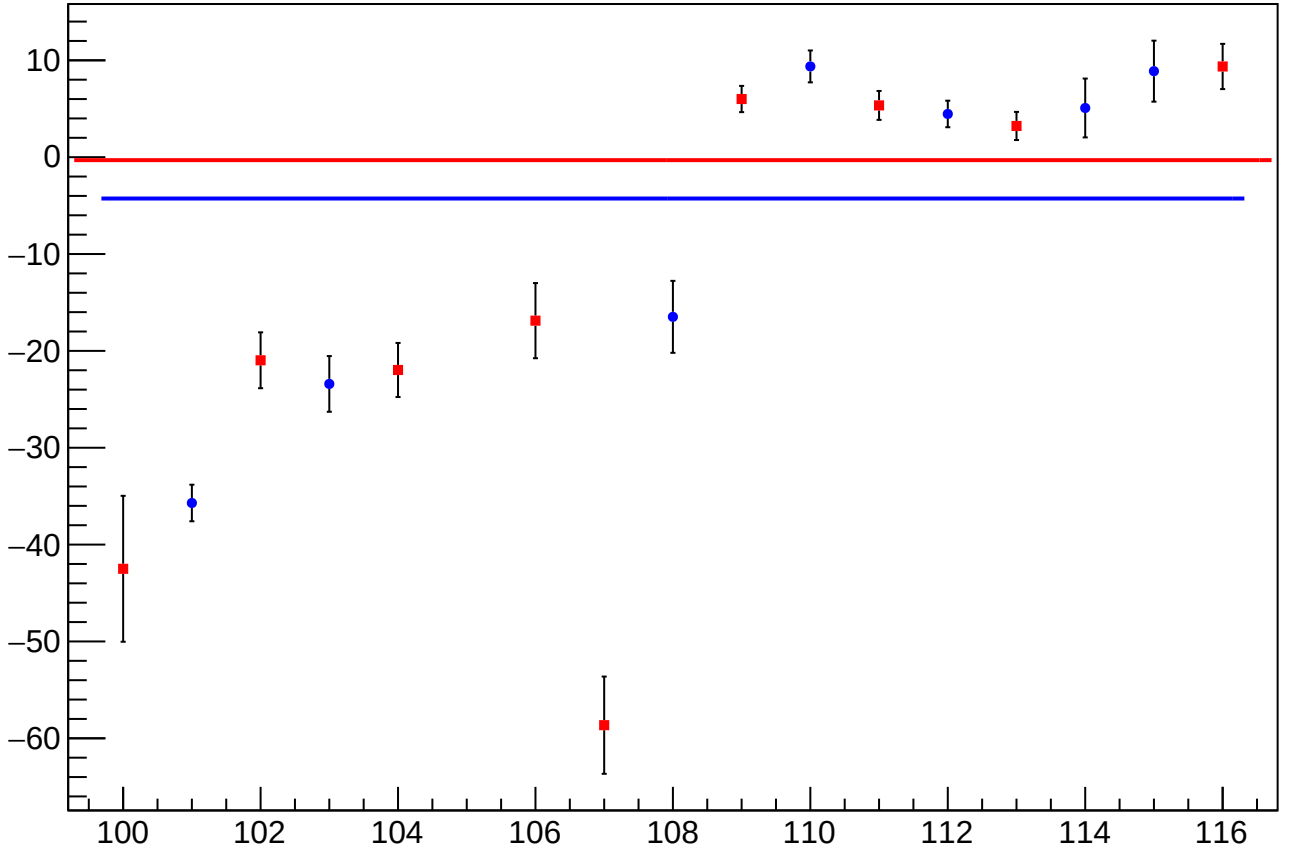
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -40.260+/-0.028 $\chi^2$/NDF: 57361.0/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_dd_diff_bpm4aX_slope vs Slug




Right In: -4.269+/-0.795 $\chi^2$/NDF: 468.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.307+/-0.703 $\chi^2$/NDF: 355.3/8

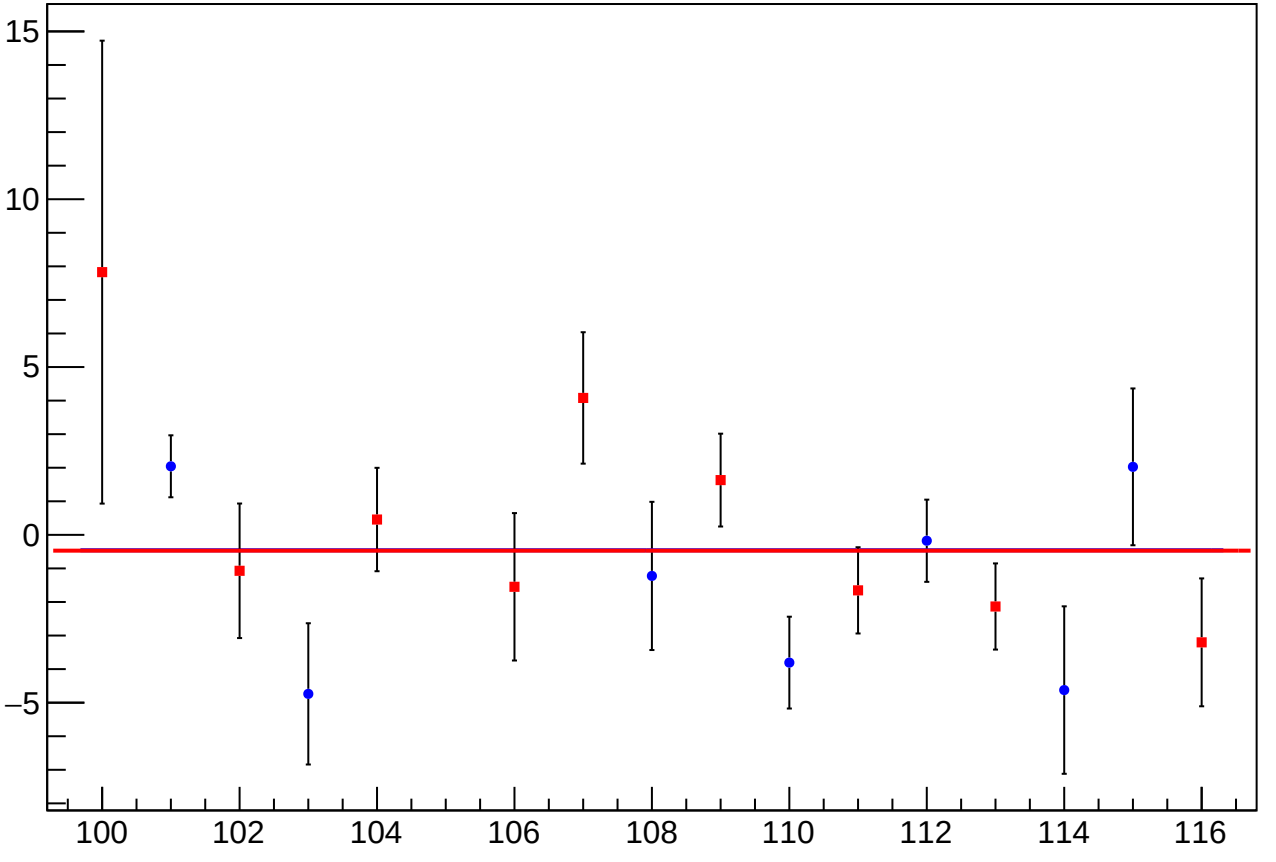
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2.047+/-0.527 $\chi^2$/NDF: 837.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_dd_diff_bpm4aY_slope vs Slug




Right In: -0.459+/-0.563 $\chi^2$/NDF: 21.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.471+/-0.562 $\chi^2$/NDF: 14.4/8

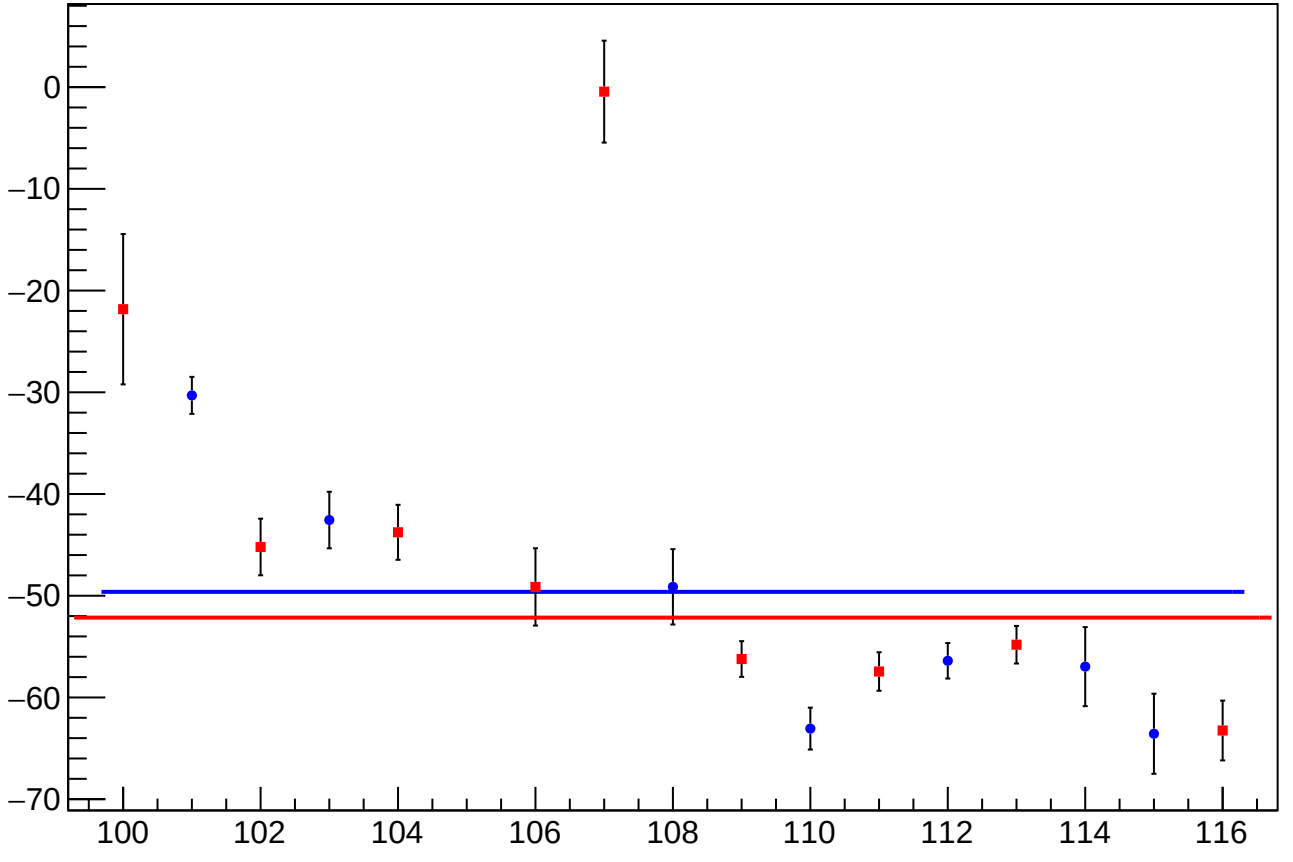
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.465+/-0.398 $\chi^2$/NDF: 36.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_dd_diff_bpm4eX_slope vs Slug




Right In: -49.618+/-0.913 $\chi^2$/NDF: 193.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -52.150+/-0.843 $\chi^2$/NDF: 169.4/8

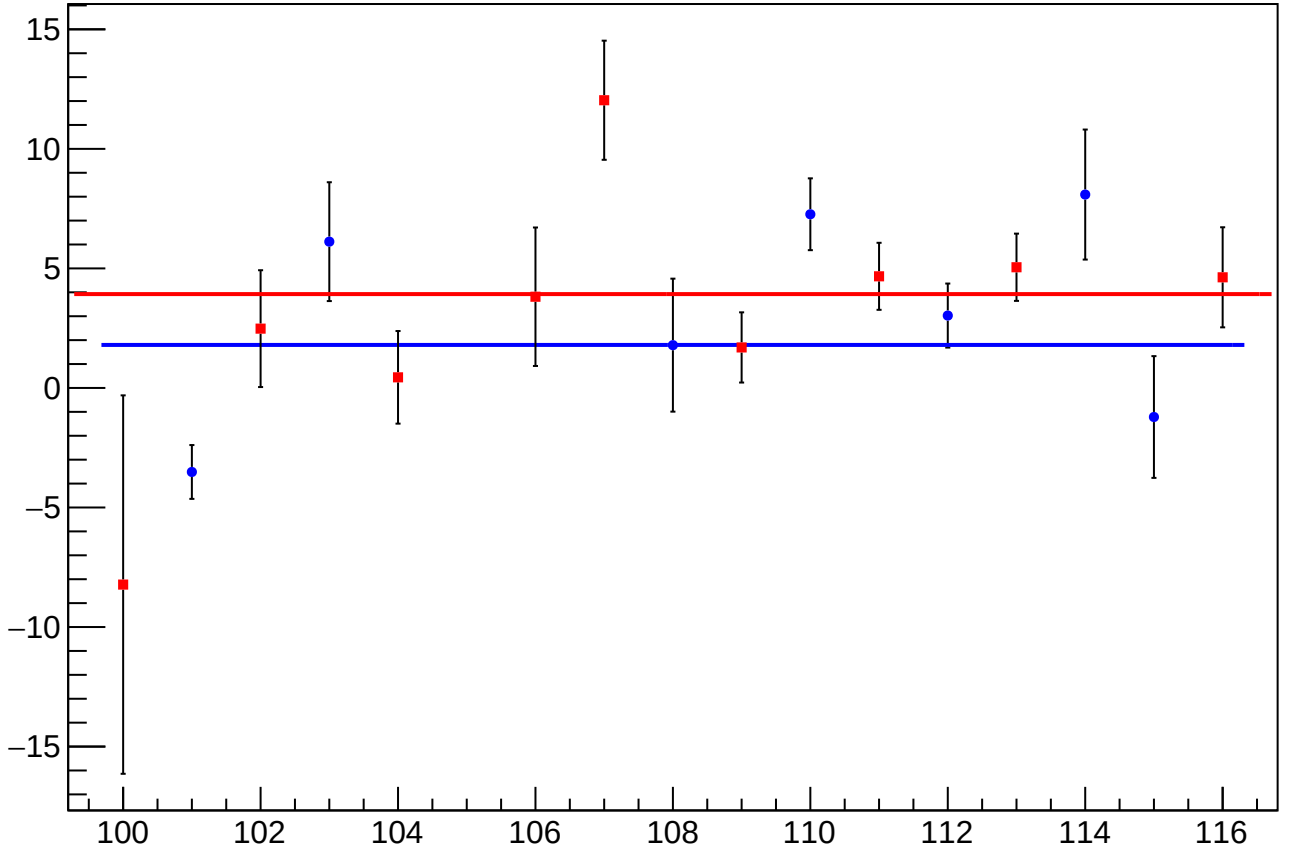
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -50.984+/-0.620 $\chi^2$/NDF: 366.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_dd_diff_bpm4eY_slope vs Slug




Right In: 1.799+/-0.649 $\chi^2$/NDF: 46.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3.926+/-0.641 $\chi^2$/NDF: 19.9/8

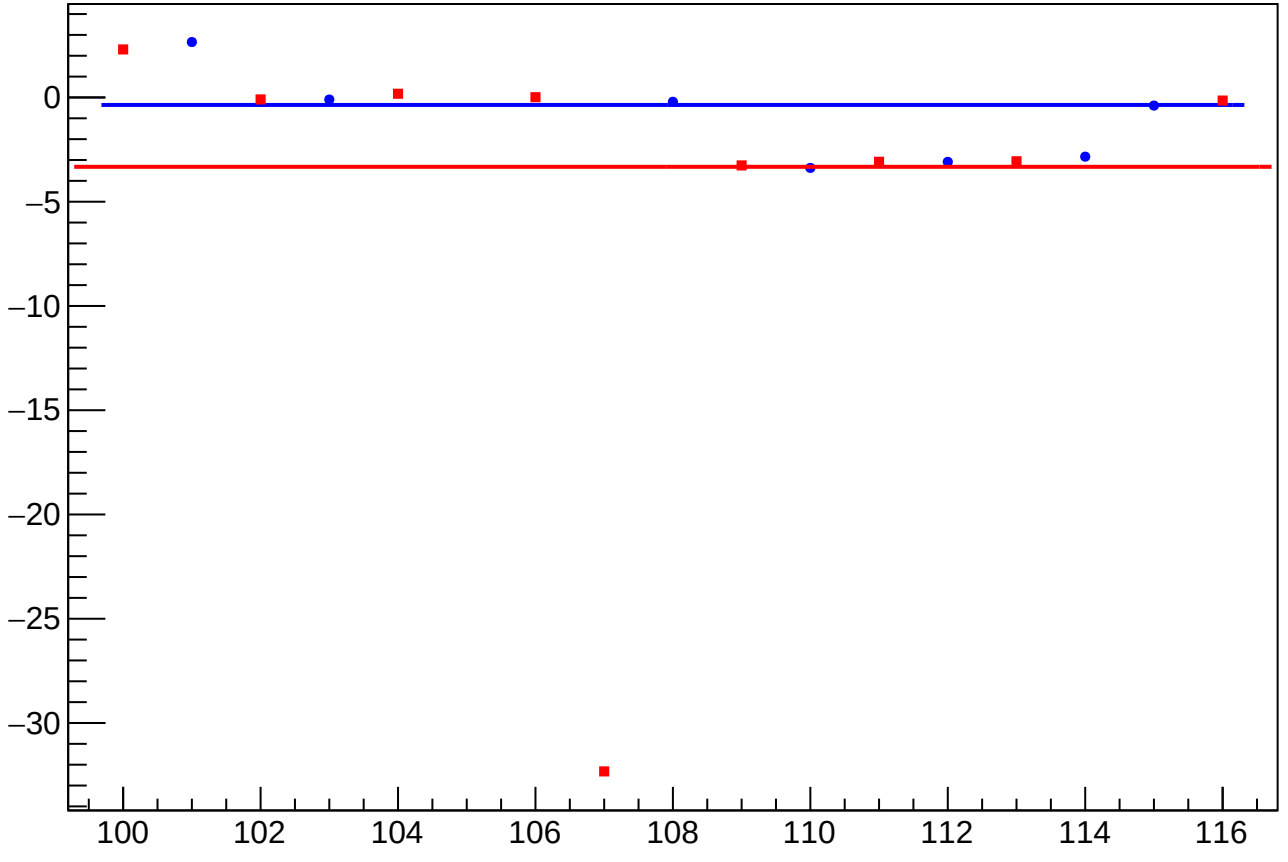
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.877+/-0.456 $\chi^2$/NDF: 71.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_us_dd_diff_bpm12X_slope vs Slug




Right In: -0.359+/-0.032 $\chi^2$/NDF: 4378.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3.326+/-0.030 $\chi^2$/NDF: 70830.0/8

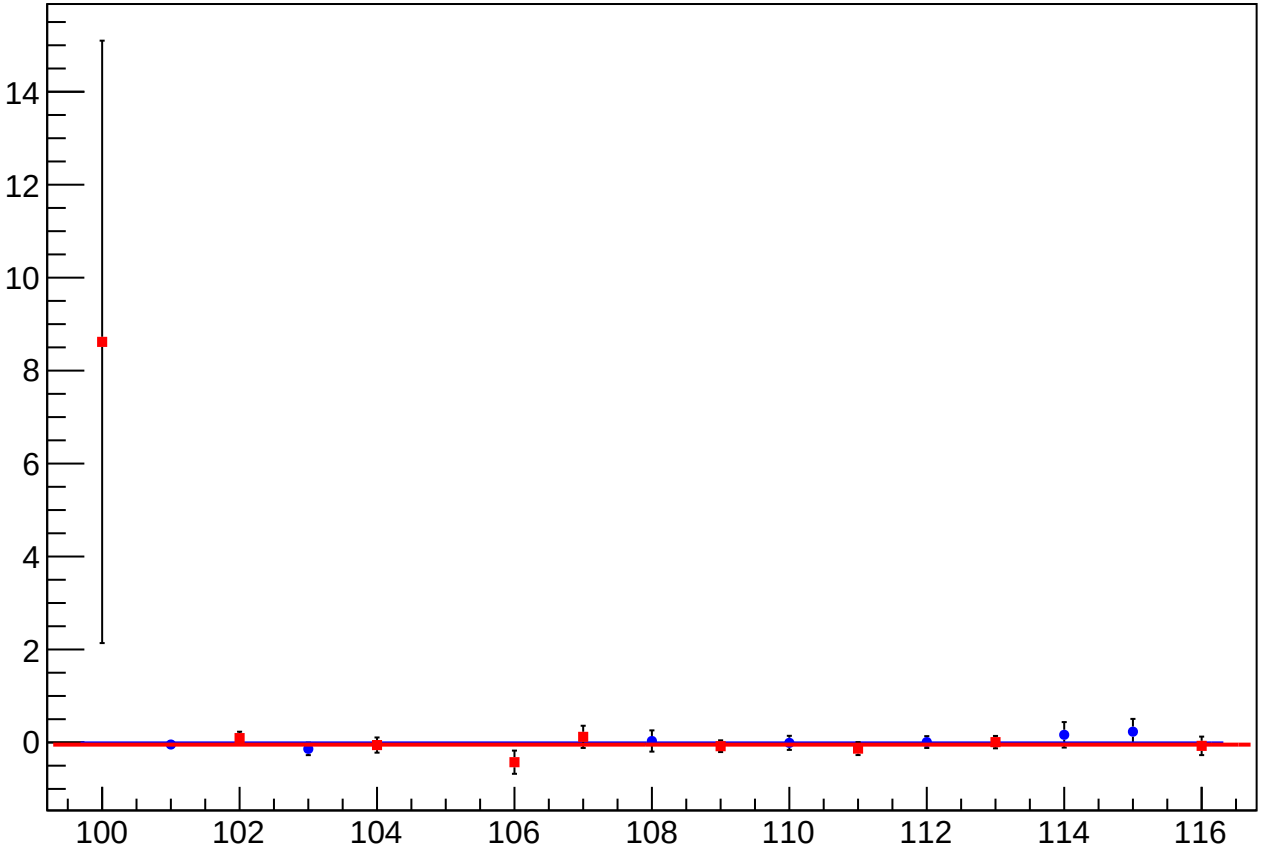
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.968+/-0.022 $\chi^2$/NDF: 79736.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_avg_diff_bpm4aX_slope vs Slug




Right In: -0.020+/-0.057 $\chi^2$/NDF: 2.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.047+/-0.056 $\chi^2$/NDF: 6.3/8

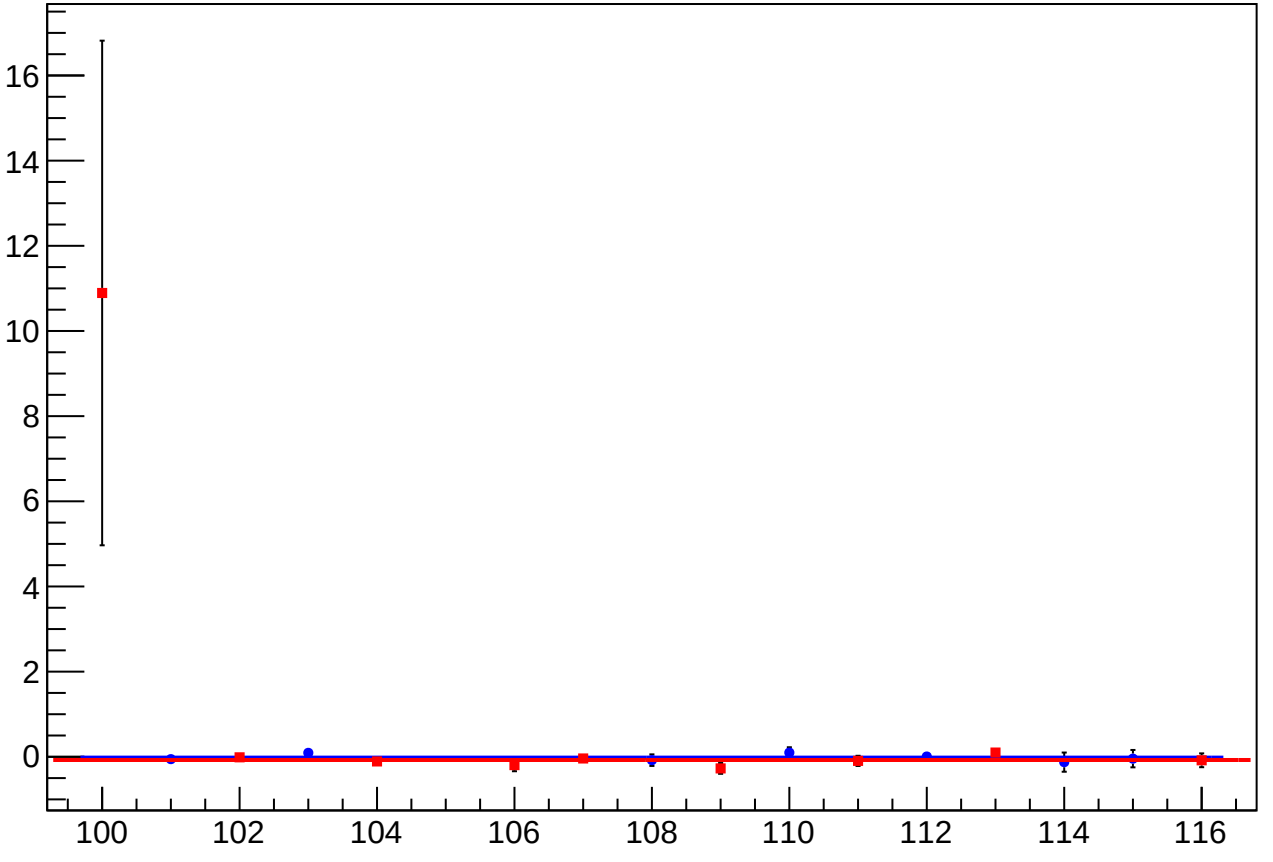
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.034+/-0.040 $\chi^2$/NDF: 8.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_avg_diff_bpm4aY_slope vs Slug




Right In: -0.019+/-0.036 $\chi^2$/NDF: 3.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.075+/-0.040 $\chi^2$/NDF: 9.5/8

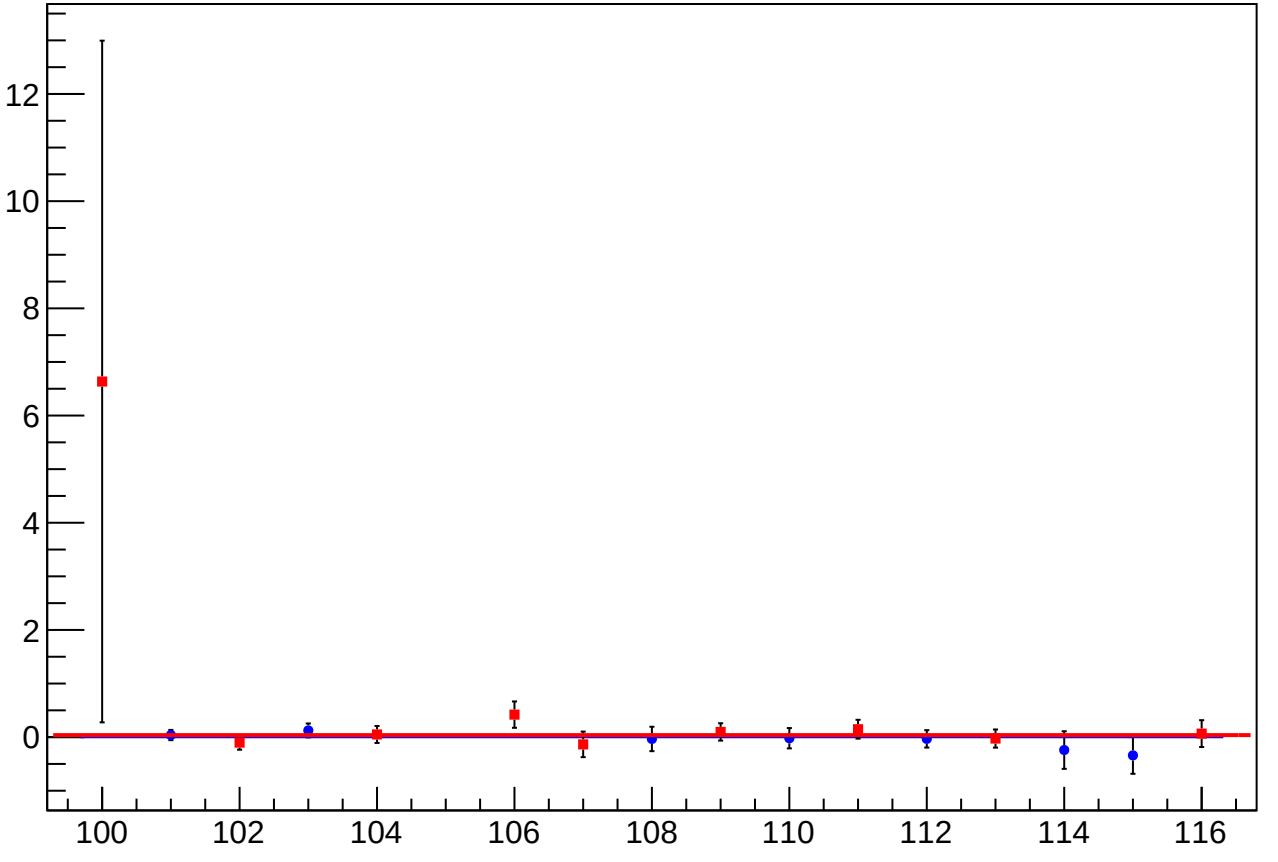
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.044+/-0.027 $\chi^2$/NDF: 13.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_avg_diff_bpm4eX_slope vs Slug




Right In: 0.016+/-0.061 $\chi^2$/NDF: 2.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.038+/-0.063 $\chi^2$/NDF: 5.8/8

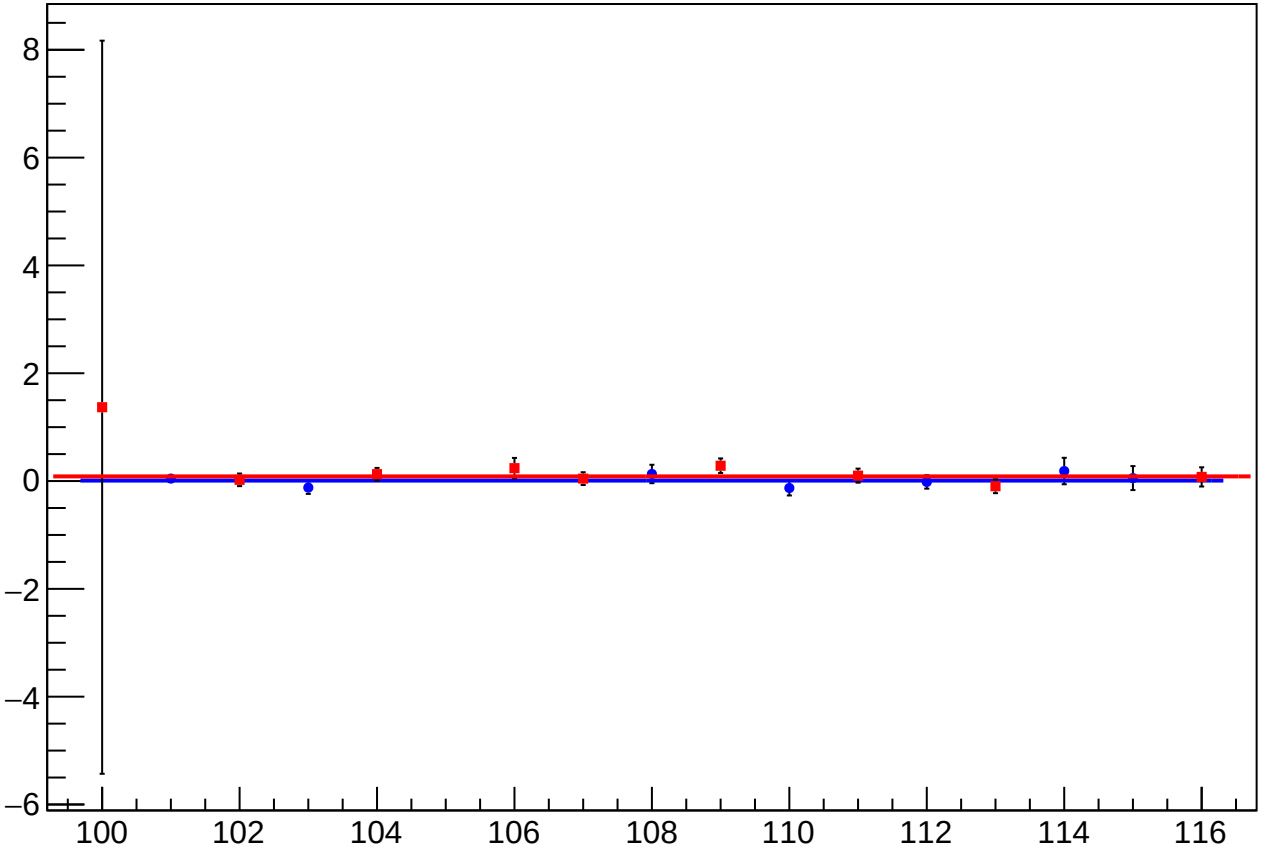
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.027+/-0.044 $\chi^2$/NDF: 8.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_avg_diff_bpm4eY_slope vs Slug




Right In: 0.009+/-0.043 $\chi^2$/NDF: 3.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.087+/-0.047 $\chi^2$/NDF: 5.4/8

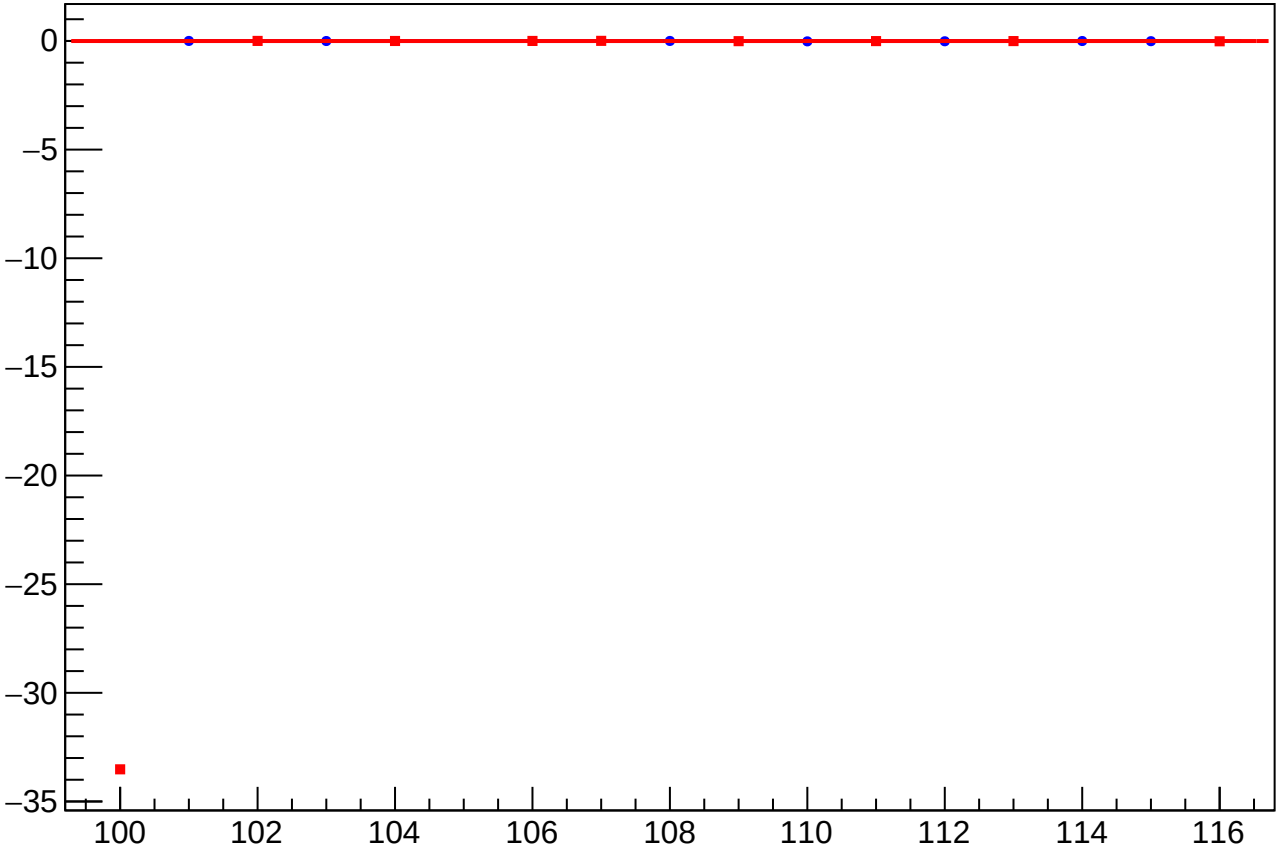
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.044+/-0.032 $\chi^2$/NDF: 10.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_avg_diff_bpm12X_slope vs Slug




Right In: -0.002+/-0.002 $\chi^2$/NDF: 7.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.003+/-0.002 $\chi^2$/NDF: 26496.4/8

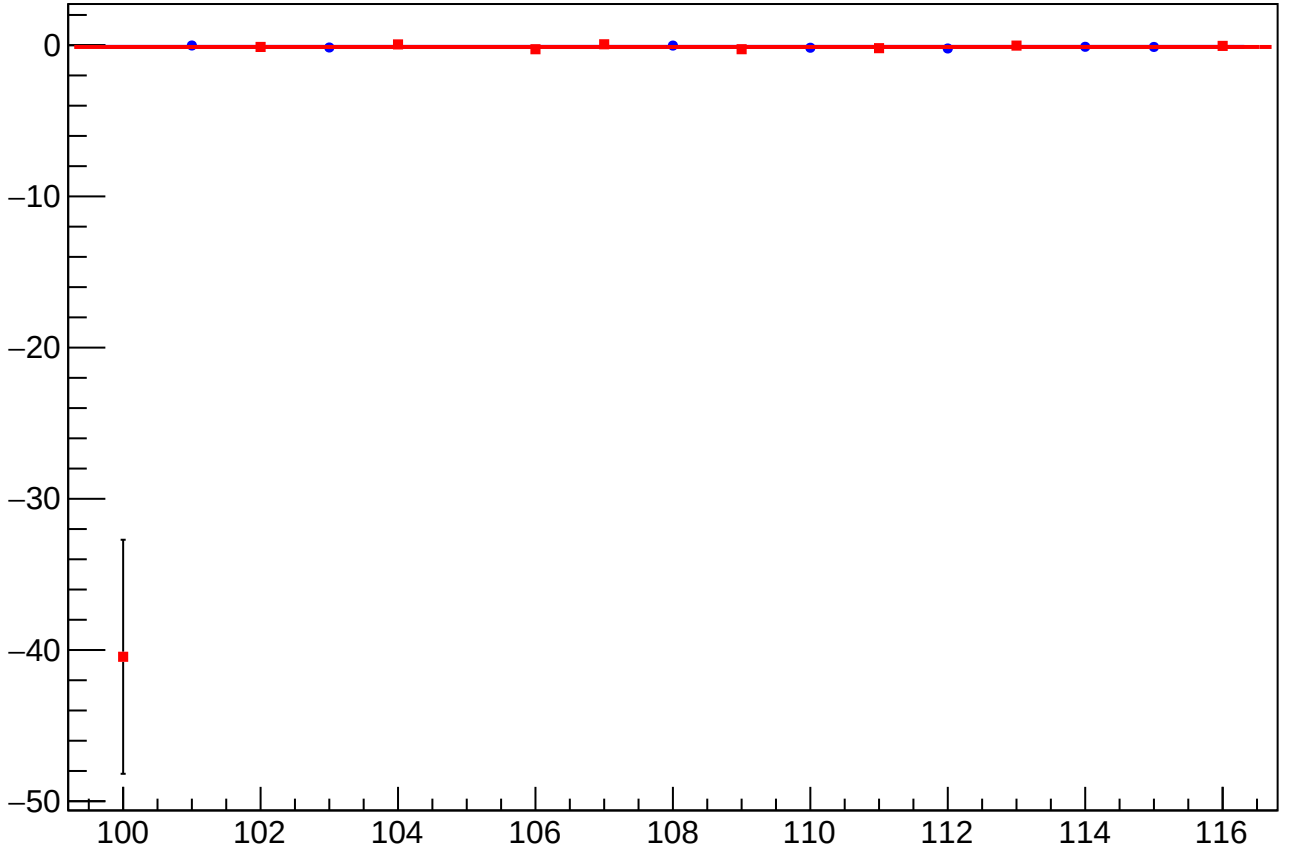
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.003+/-0.001 $\chi^2$/NDF: 26503.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_dd_diff_bpm4aX_slope vs Slug




Right In: -0.112+/-0.057 $\chi^2$/NDF: 1.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.117+/-0.056 $\chi^2$/NDF: 31.4/8

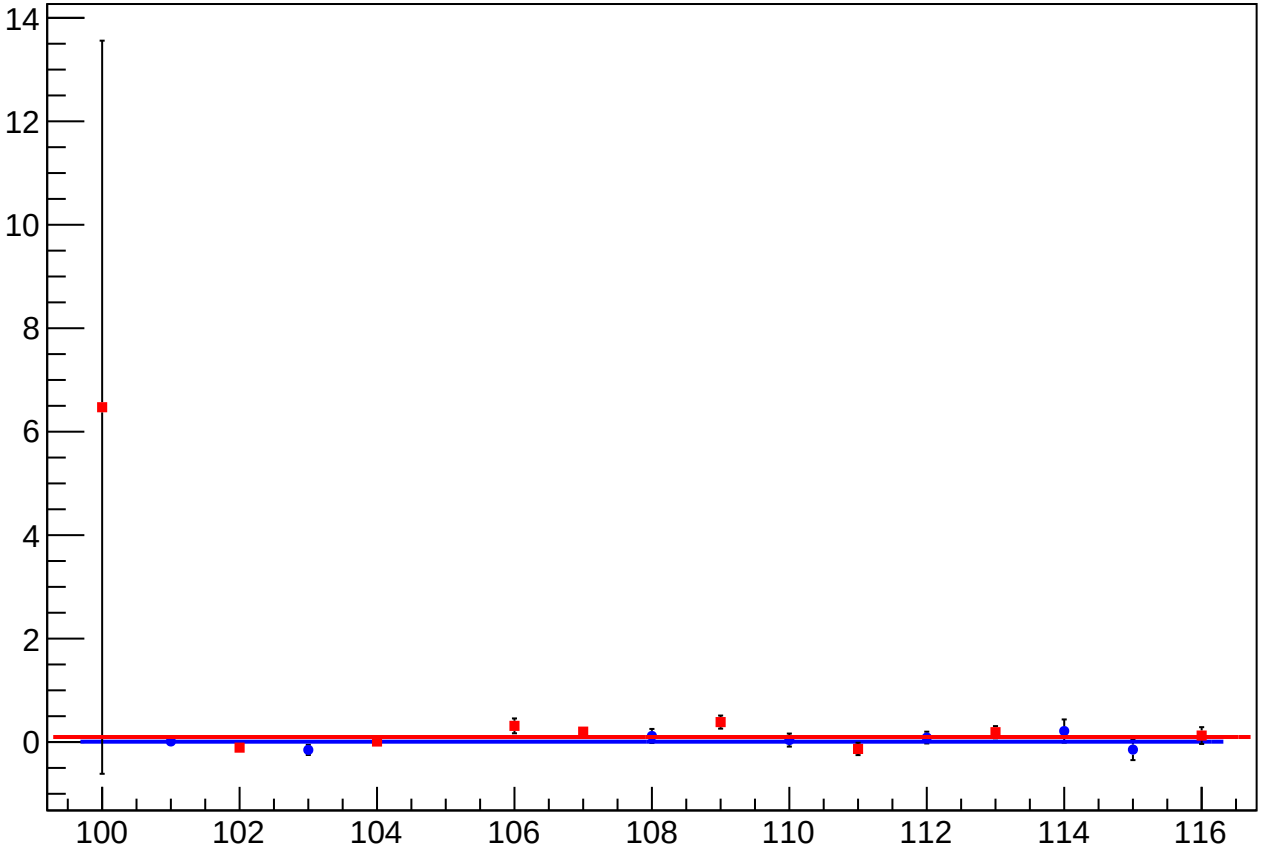
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.114+/-0.040 $\chi^2$/NDF: 33.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_dd_diff_bpm4aY_slope vs Slug




Right In: 0.007+/-0.036 $\chi^2$/NDF: 5.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.098+/-0.040 $\chi^2$/NDF: 19.3/8

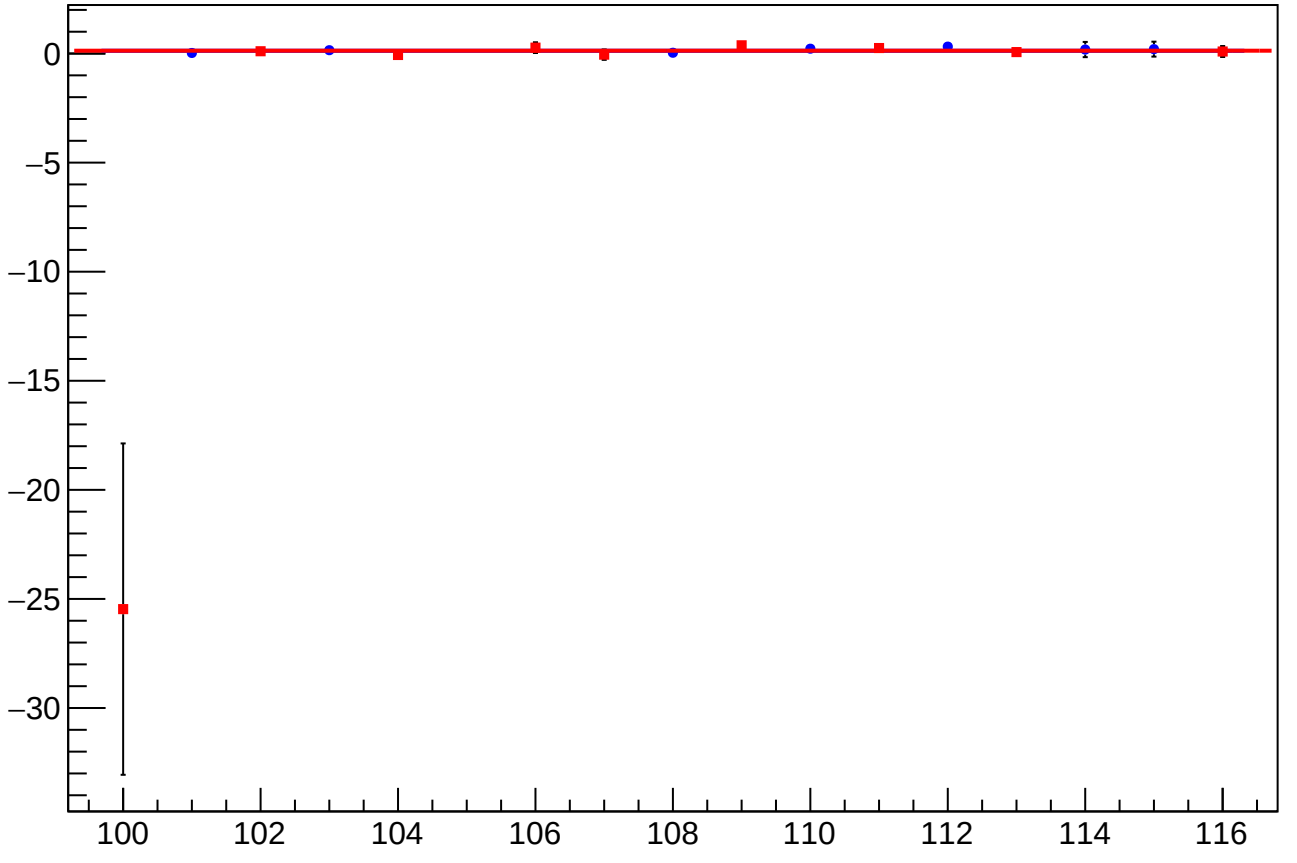
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.048+/-0.027 $\chi^2$/NDF: 27.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_dd_diff_bpm4eX_slope vs Slug




Right In: 0.126+/-0.061 $\chi^2$/NDF: 3.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.130+/-0.063 $\chi^2$/NDF: 16.8/8

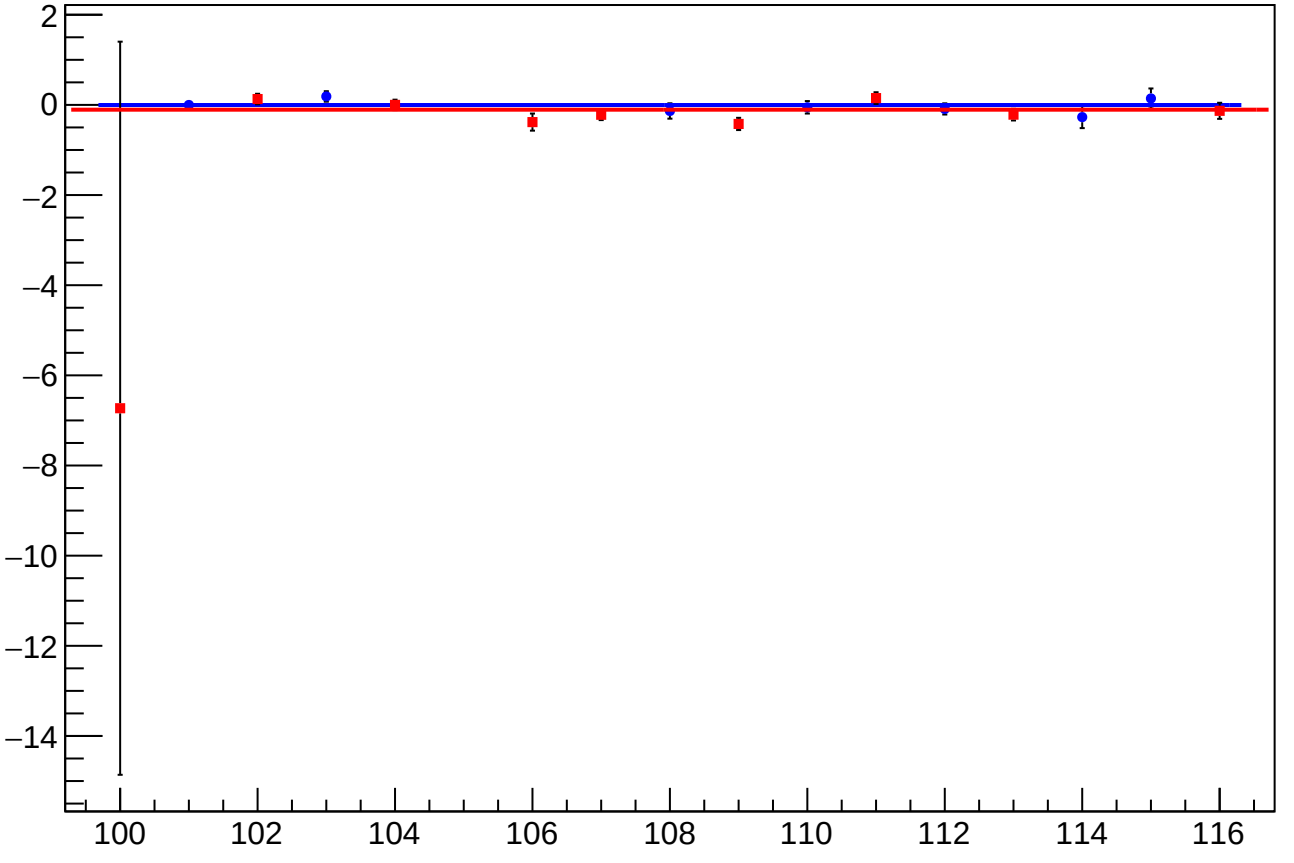
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.128+/-0.044 $\chi^2$/NDF: 19.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_dd_diff_bpm4eY_slope vs Slug




Right In: -0.003+/-0.043 $\chi^2$/NDF: 5.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.106+/-0.047 $\chi^2$/NDF: 18.7/8

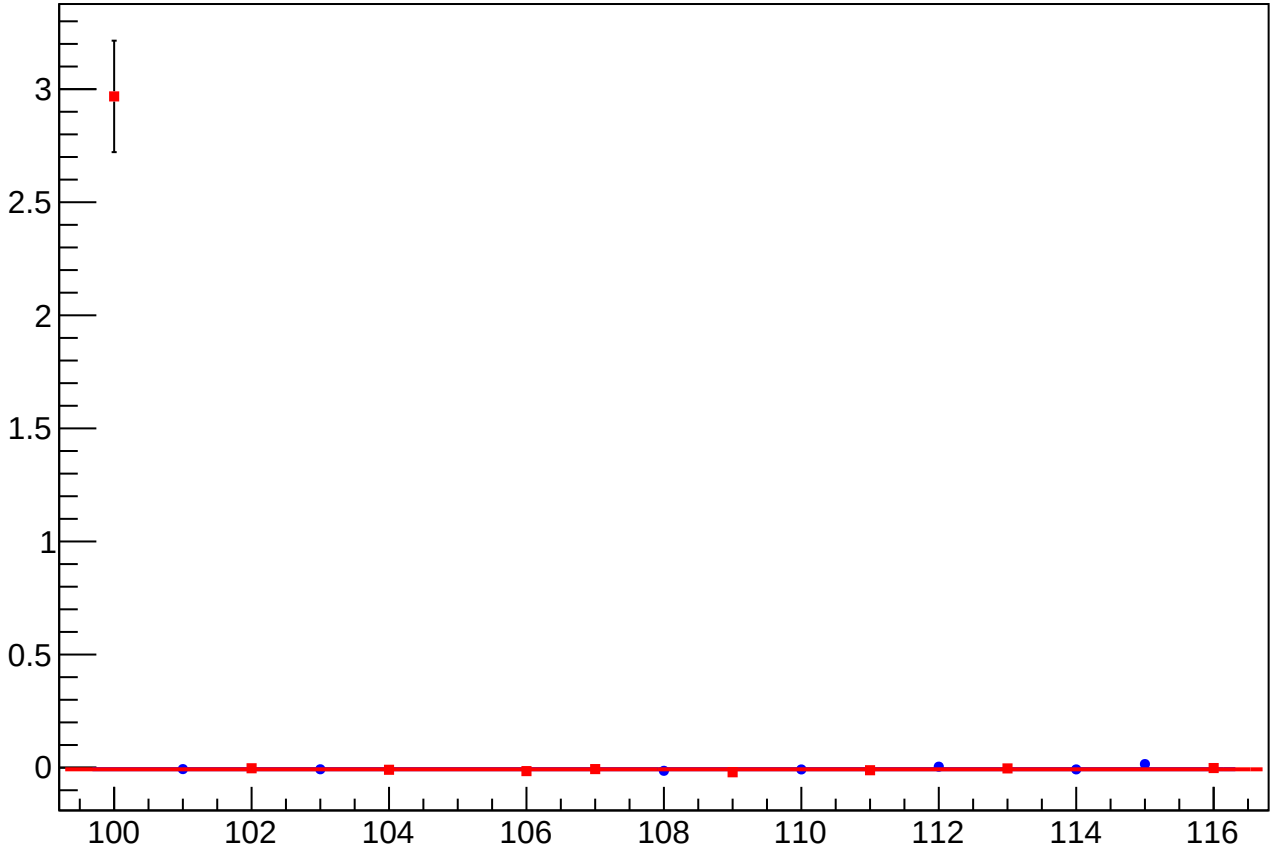
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.049+/-0.032 $\chi^2$/NDF: 26.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_ds_dd_diff_bpm12X_slope vs Slug




Right In: -0.007+/-0.002 $\chi^2$/NDF: 6.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.007+/-0.002 $\chi^2$/NDF: 154.3/8

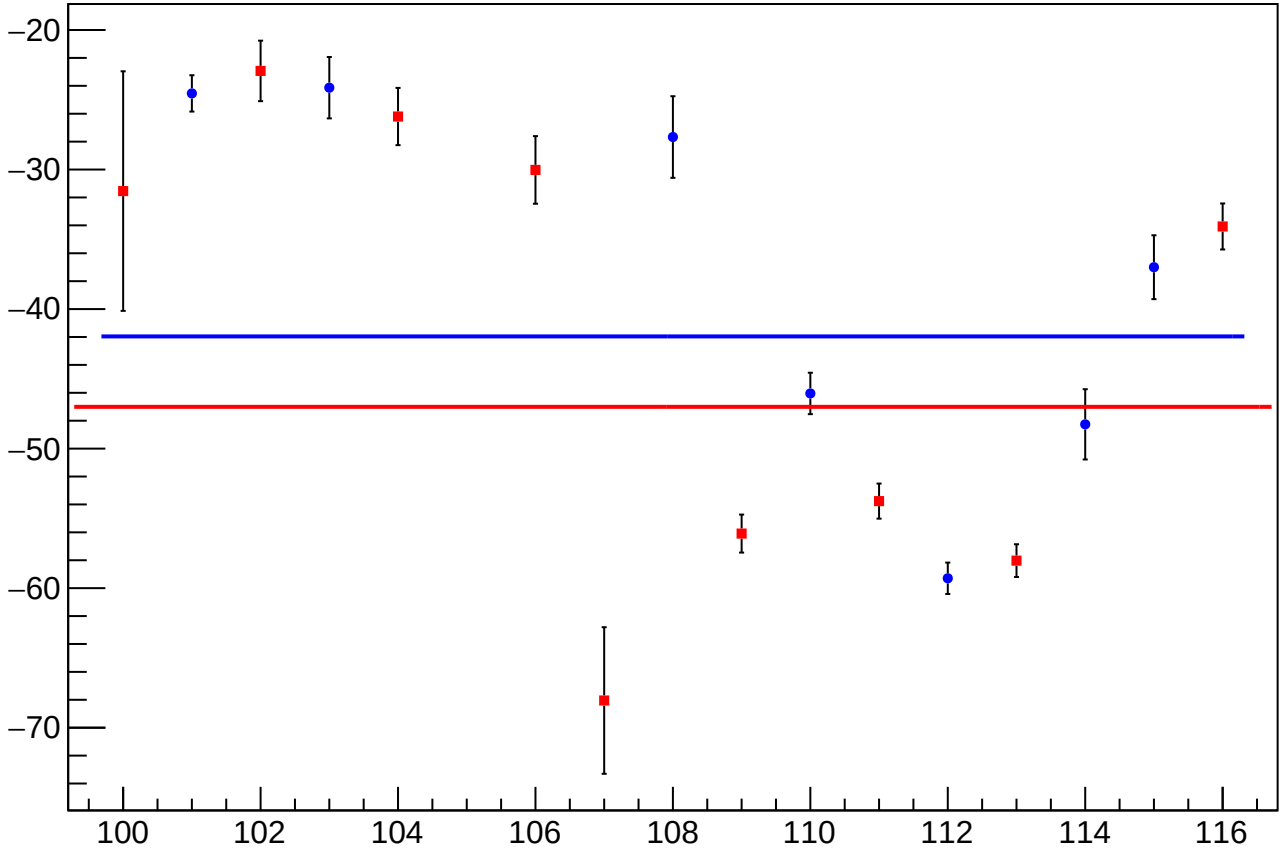
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.007+/-0.001 $\chi^2$/NDF: 160.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_avg_diff_bpm4aX_slope vs Slug




Right In: -41.958+/-0.631 $\chi^2$/NDF: 525.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -47.005+/-0.584 $\chi^2$/NDF: 517.7/8

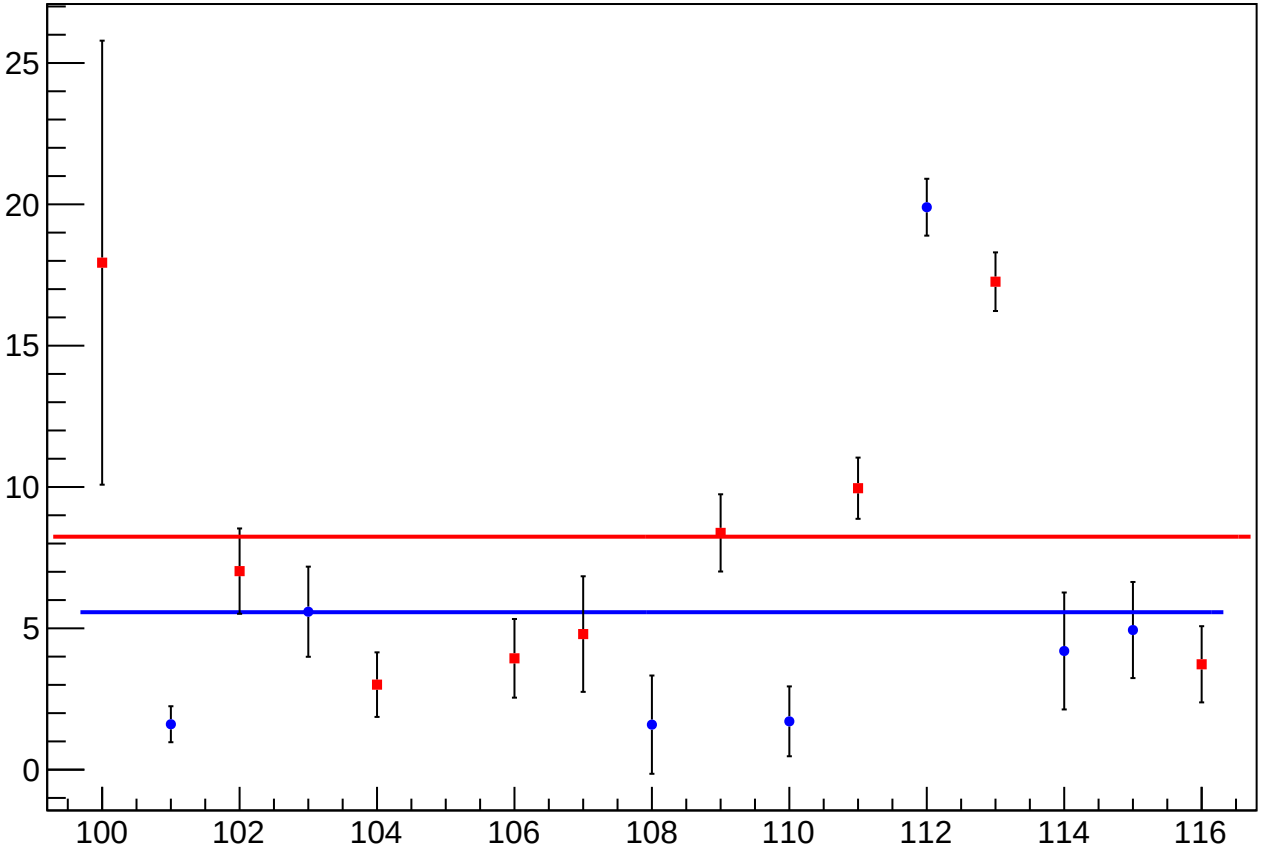
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -44.680+/-0.429 $\chi^2$/NDF: 1077.2/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_avg_diff_bpm4aY_slope vs Slug




Right In: 5.571+/-0.430 $\chi^2$/NDF: 257.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 8.242+/-0.454 $\chi^2$/NDF: 125.0/8

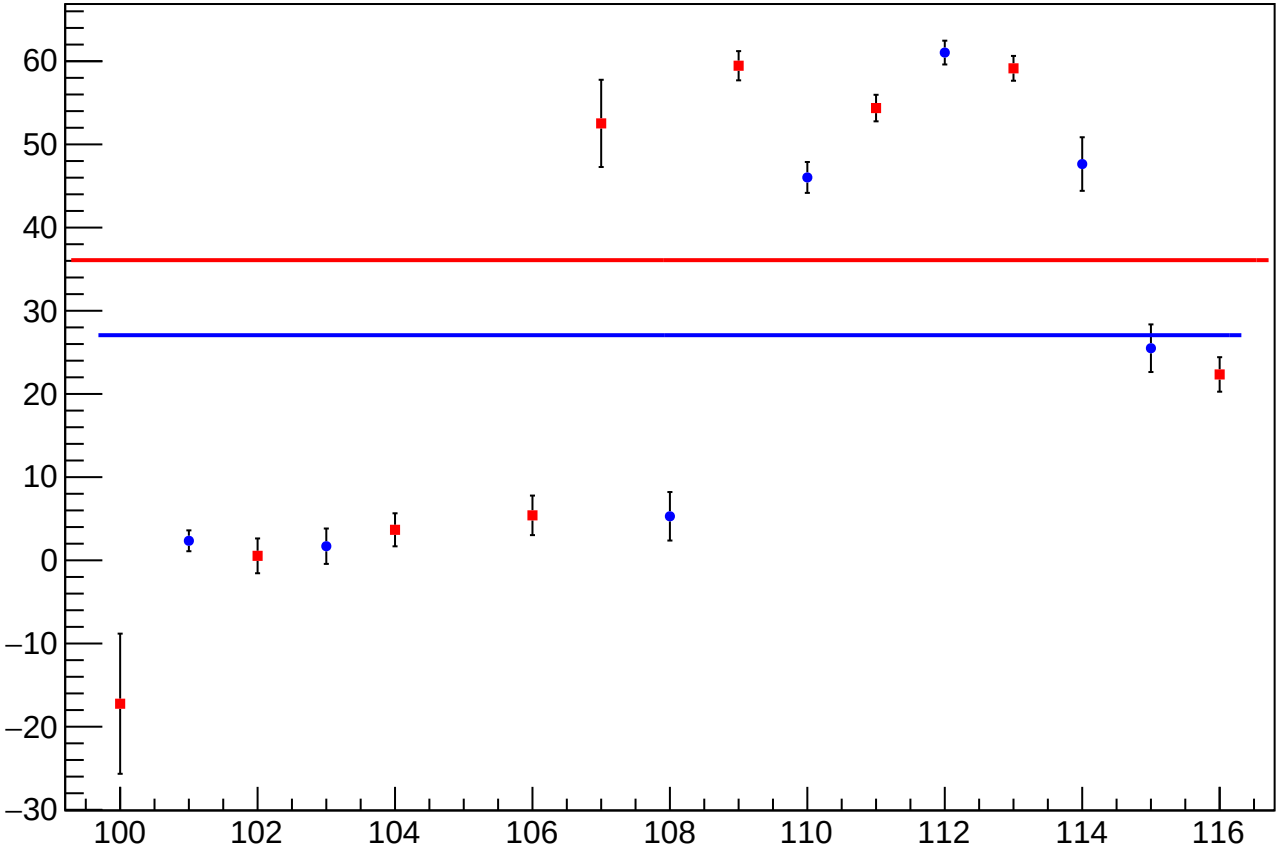
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 6.832+/-0.312 $\chi^2$/NDF: 400.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_avg_diff_bpm4eX_slope vs Slug




Right In: 27.064+/-0.712 $\chi^2$/NDF: 1295.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 36.085+/-0.689 $\chi^2$/NDF: 1362.8/8

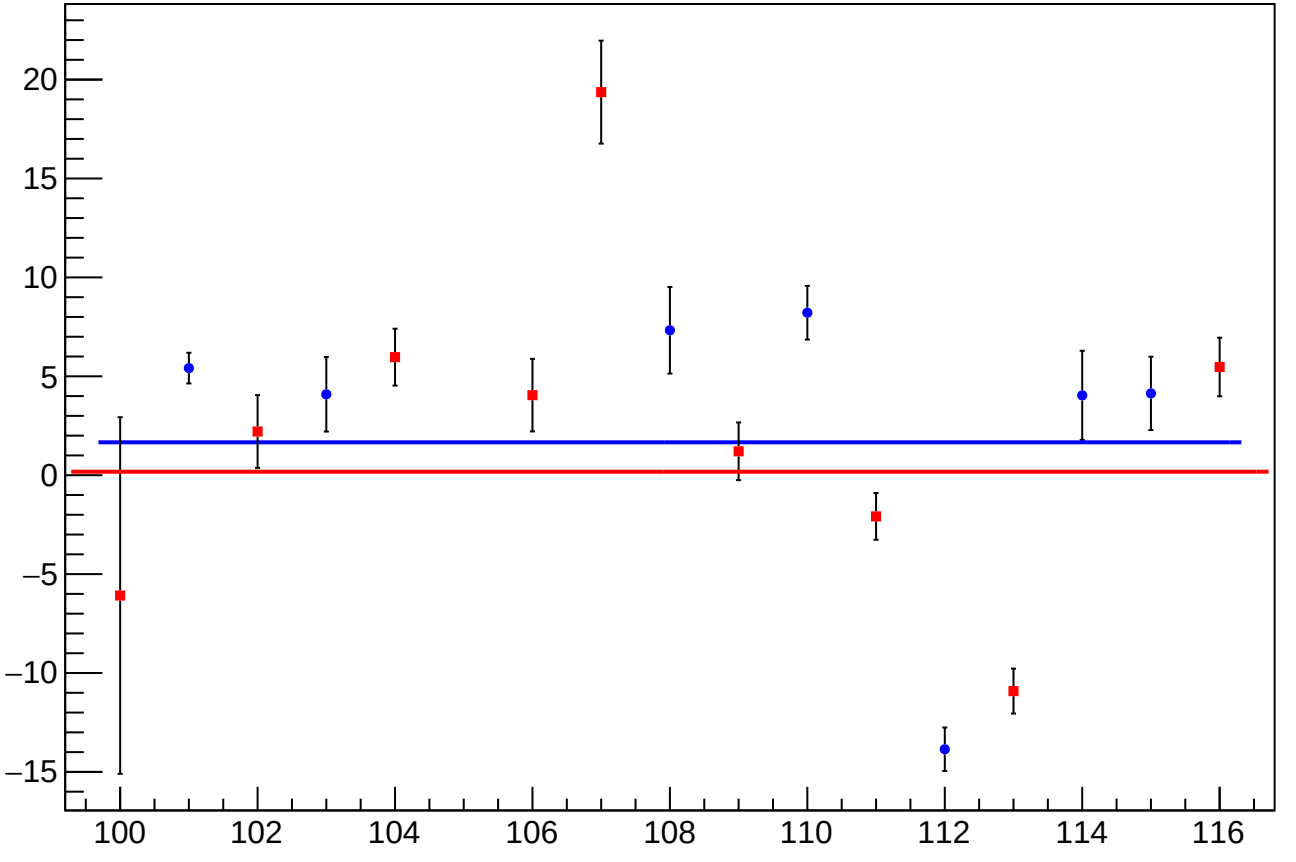
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 31.726+/-0.495 $\chi^2$/NDF: 2741.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_avg_diff_bpm4eY_slope vs Slug




Right In: 1.663+/-0.499 $\chi^2$/NDF: 257.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.177+/-0.523 $\chi^2$/NDF: 189.0/8

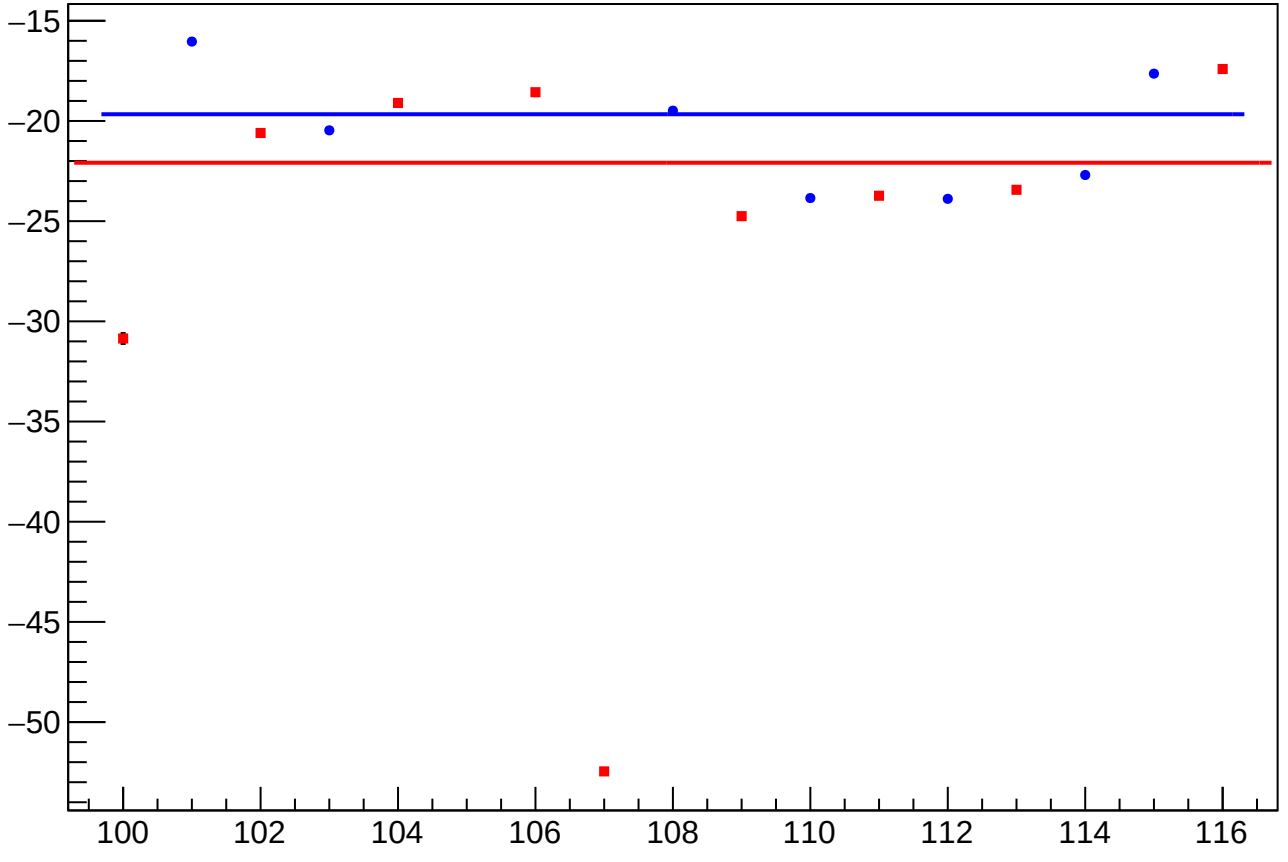
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.954+/-0.361 $\chi^2$/NDF: 450.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_avg_diff_bpm12X_slope vs Slug




Right In: -19.664+/-0.025 $\chi^2$/NDF: 13600.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -22.084+/-0.023 $\chi^2$/NDF: 76851.1/8

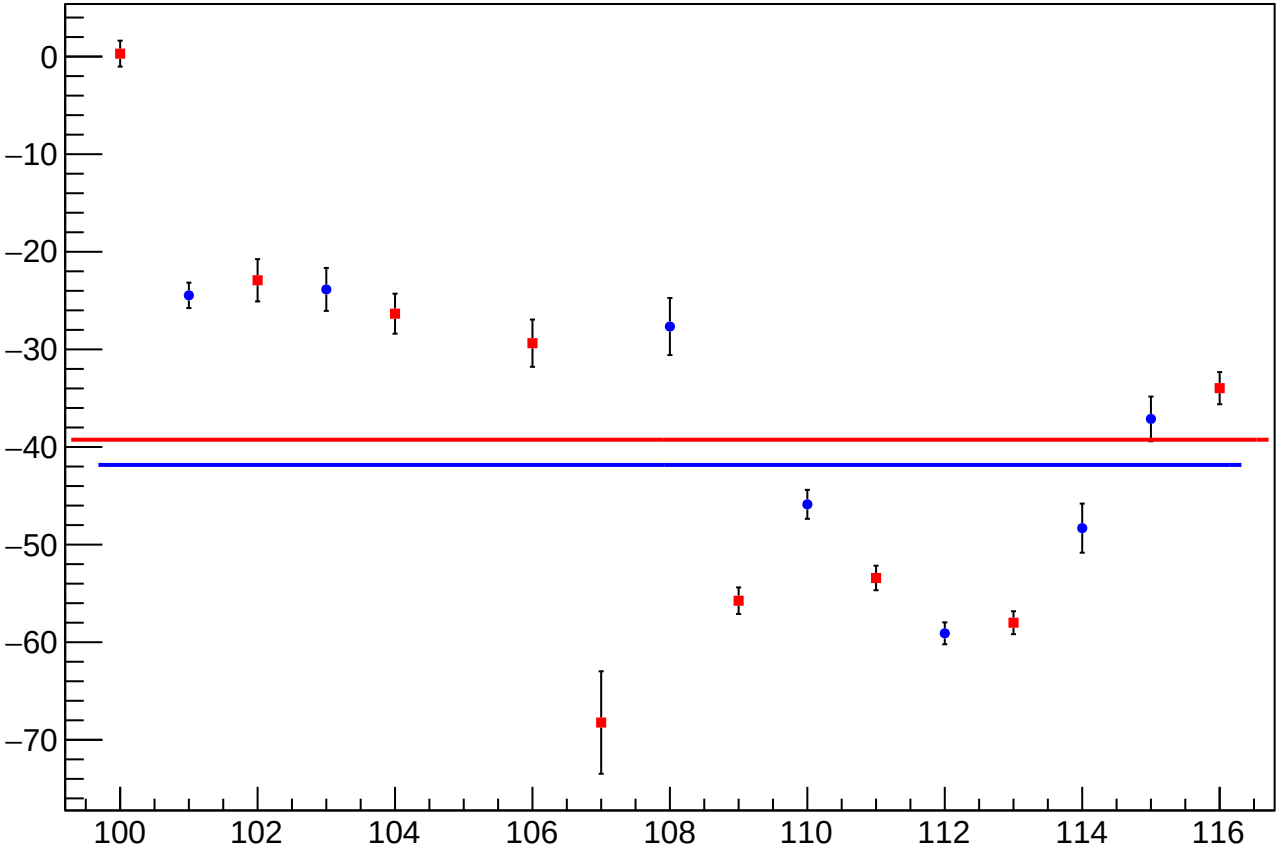
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -20.950+/-0.017 $\chi^2$/NDF: 95480.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_dd_diff_bpm4aX_slope vs Slug




Right In: -41.835+/-0.631 $\chi^2$/NDF: 523.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -39.253+/-0.535 $\chi^2$/NDF: 1567.8/8

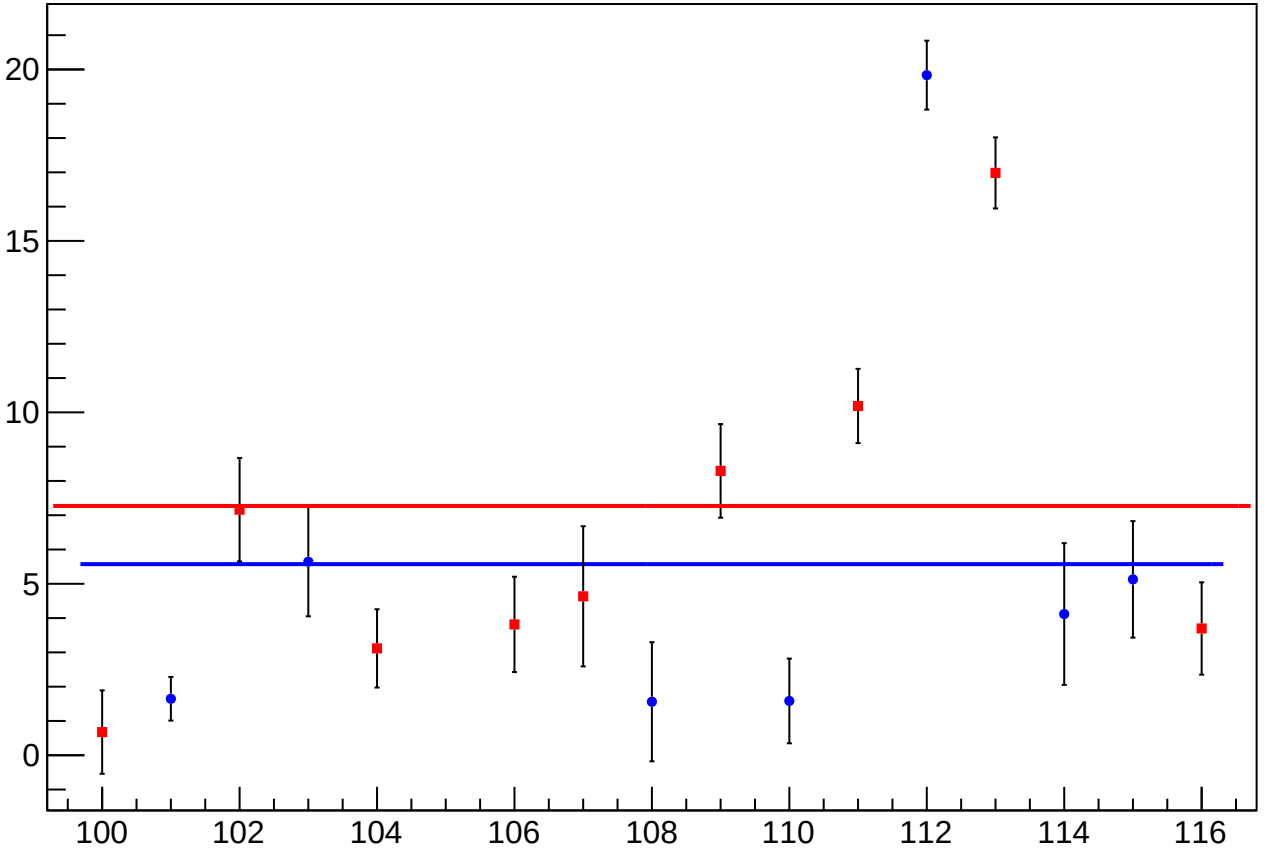
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -40.333+/-0.408 $\chi^2$/NDF: 2100.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_dd_diff_bpm4aY_slope vs Slug




Right In: 5.573+/-0.429 $\chi^2$/NDF: 255.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 7.270+/-0.426 $\chi^2$/NDF: 153.2/8

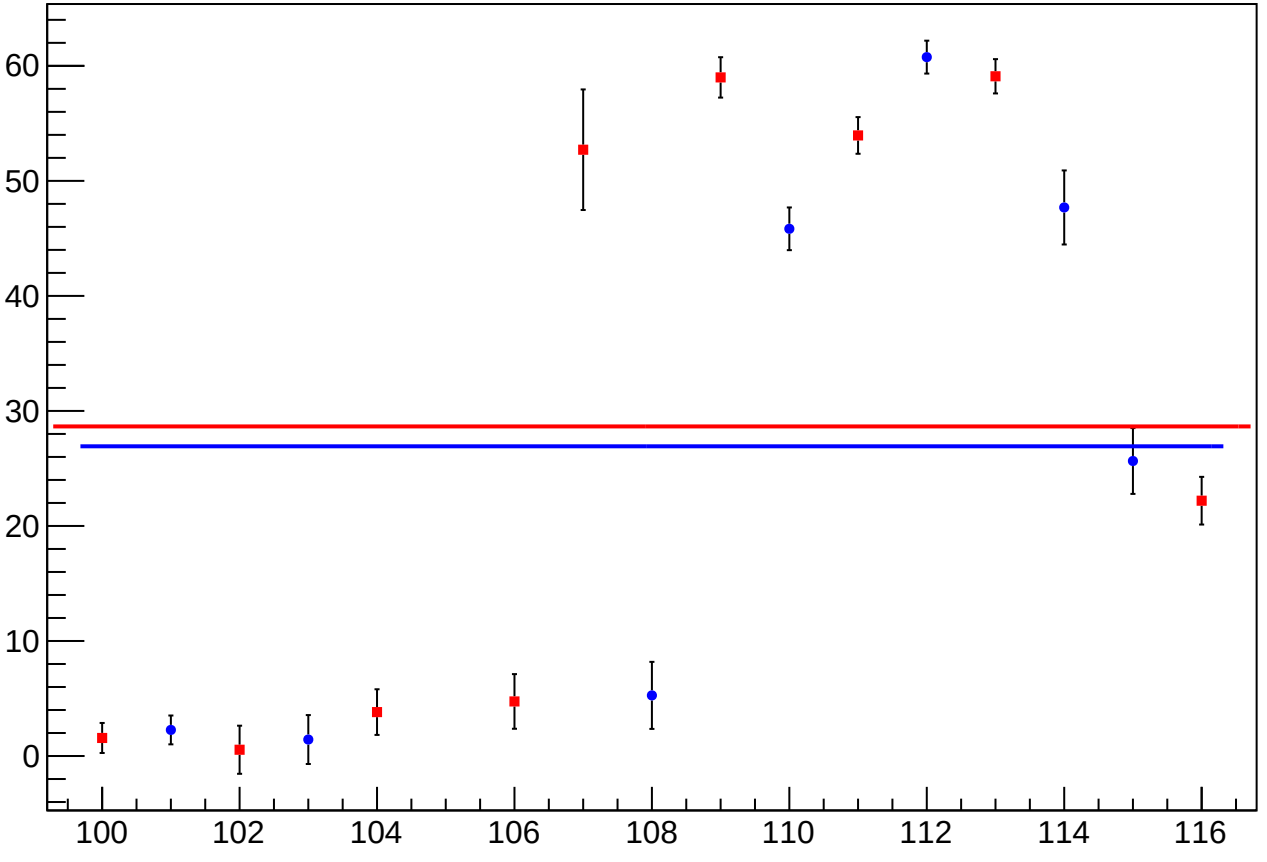
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 6.429+/-0.302 $\chi^2$/NDF: 416.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_dd_diff_bpm4eX_slope vs Slug




Right In: 26.925+/-0.712 $\chi^2$/NDF: 1291.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 28.653+/-0.610 $\chi^2$/NDF: 1867.5/8

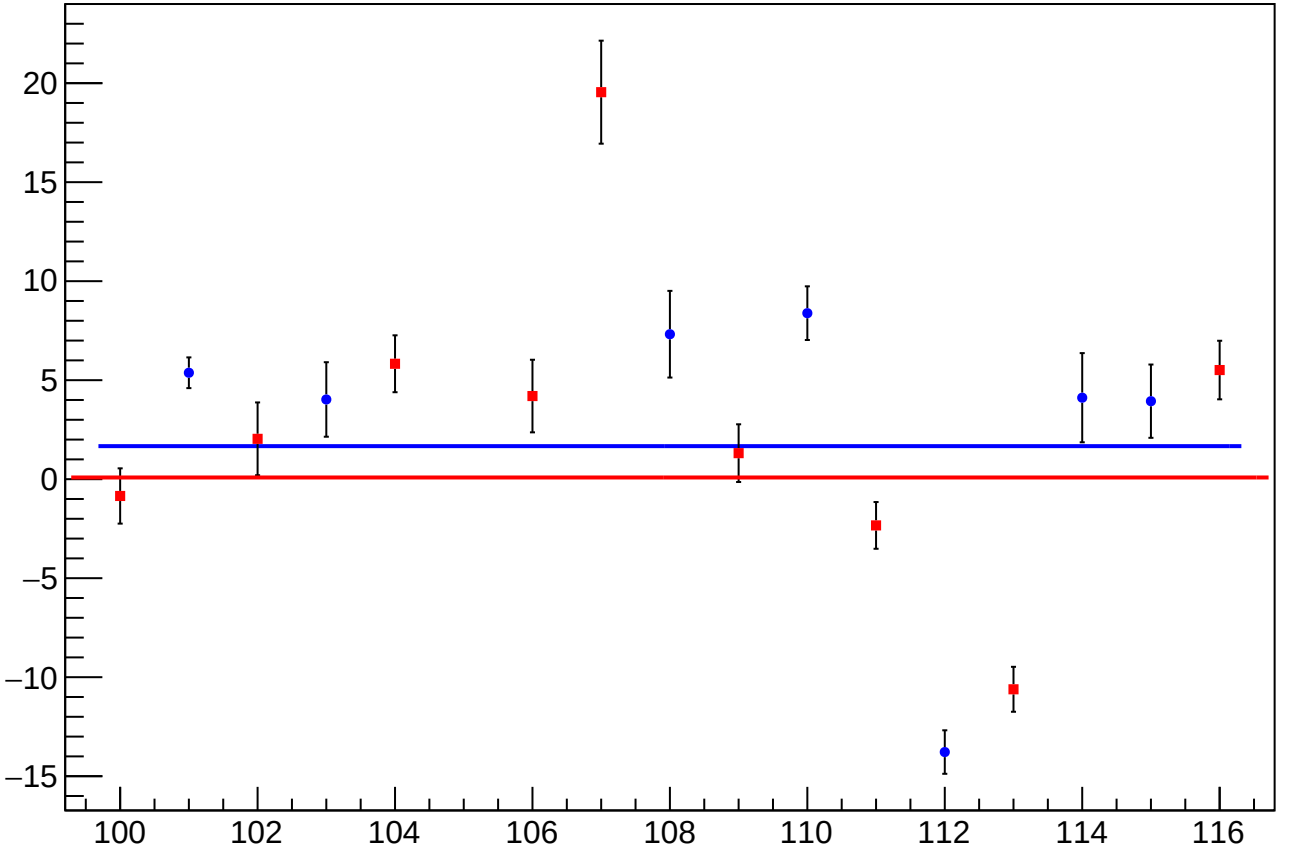
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 27.921+/-0.463 $\chi^2$/NDF: 3162.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_left_dd_diff_bpm4eY_slope vs Slug




Right In: 1.669+/-0.499 $\chi^2$/NDF: 256.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

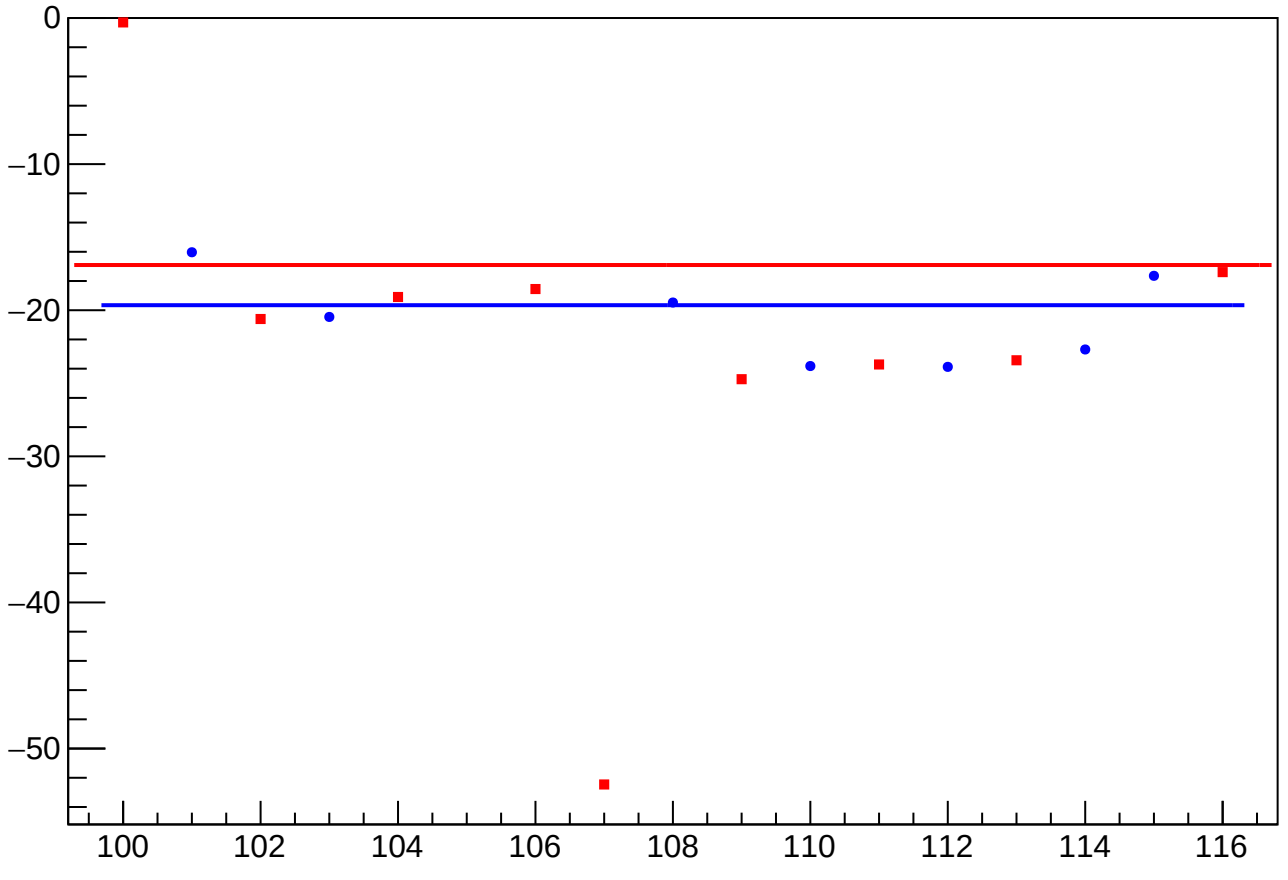
Right Out: 0.086+/-0.490 $\chi^2$/NDF: 185.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.863+/-0.350 $\chi^2$/NDF: 446.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -19.655+/-0.025 $\chi^2$/NDF: 13579.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -16.906+/-0.020 $\chi^2$/NDF: 277528.4/8

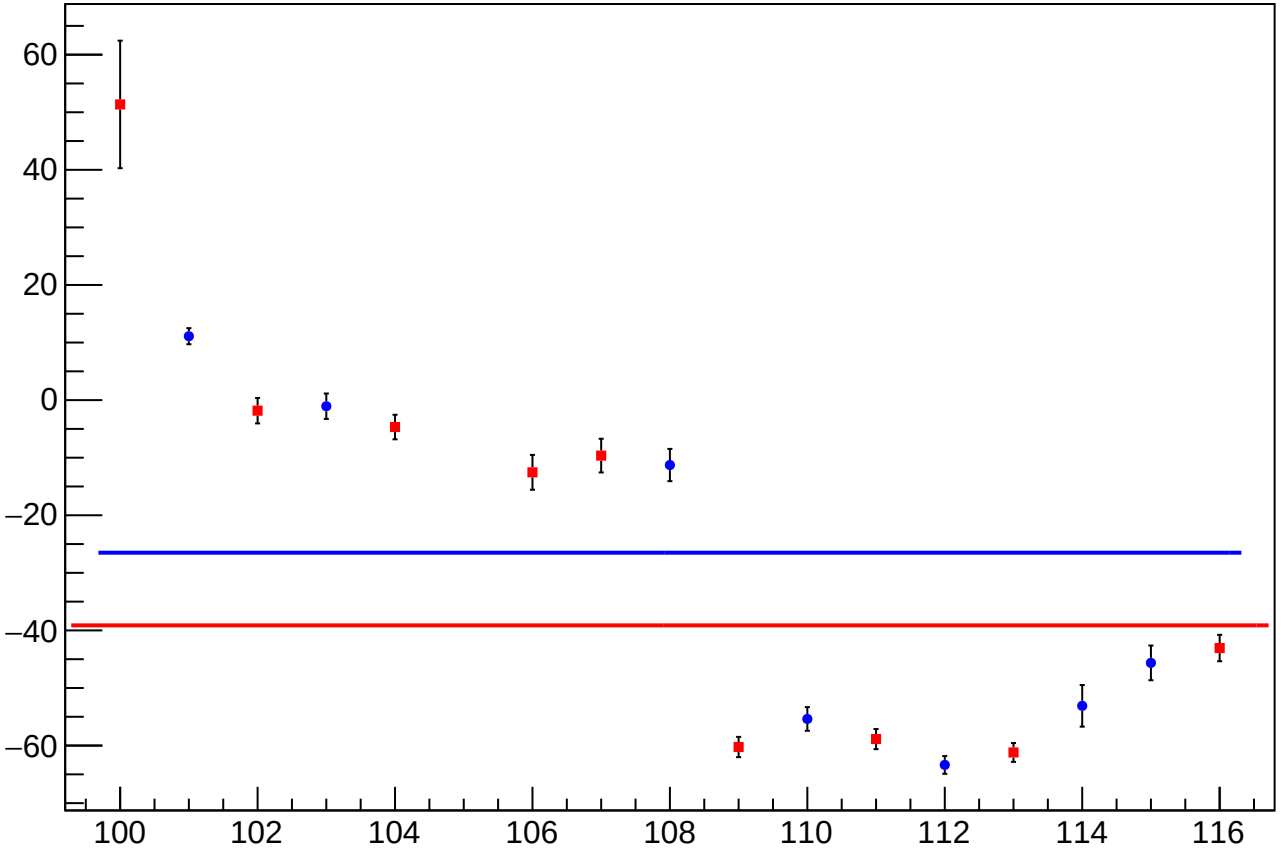
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -18.018+/-0.016 $\chi^2$/NDF: 298391.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_avg_diff_bpm4aX_slope vs Slug




Right In: -26.500+/-0.769 $\chi^2$/NDF: 1752.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -39.122+/-0.731 $\chi^2$/NDF: 1248.1/8

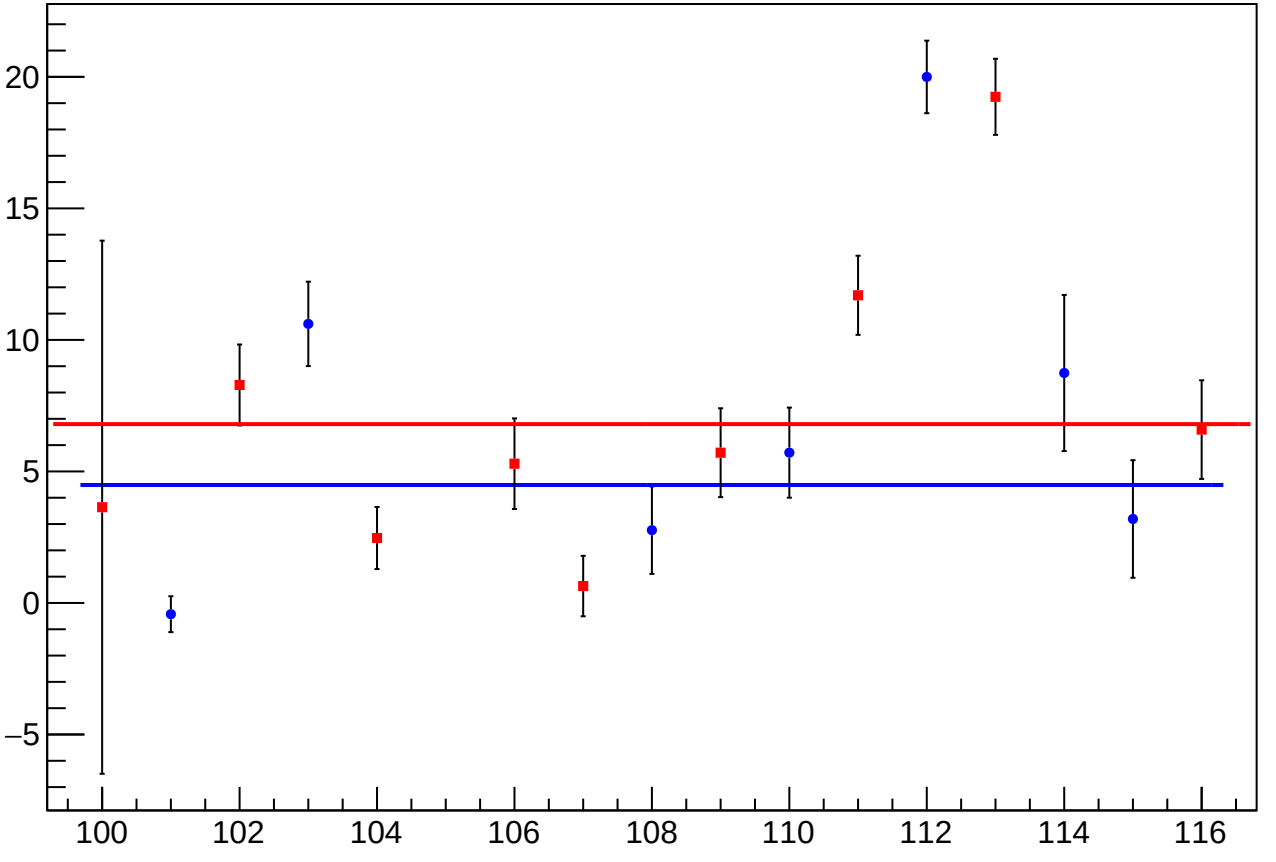
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -33.135+/-0.530 $\chi^2$/NDF: 3141.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_avg_diff_bpm4aY_slope vs Slug




Right In: 4.485+/-0.495 $\chi^2$/NDF: 197.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 6.799+/-0.513 $\chi^2$/NDF: 129.0/8

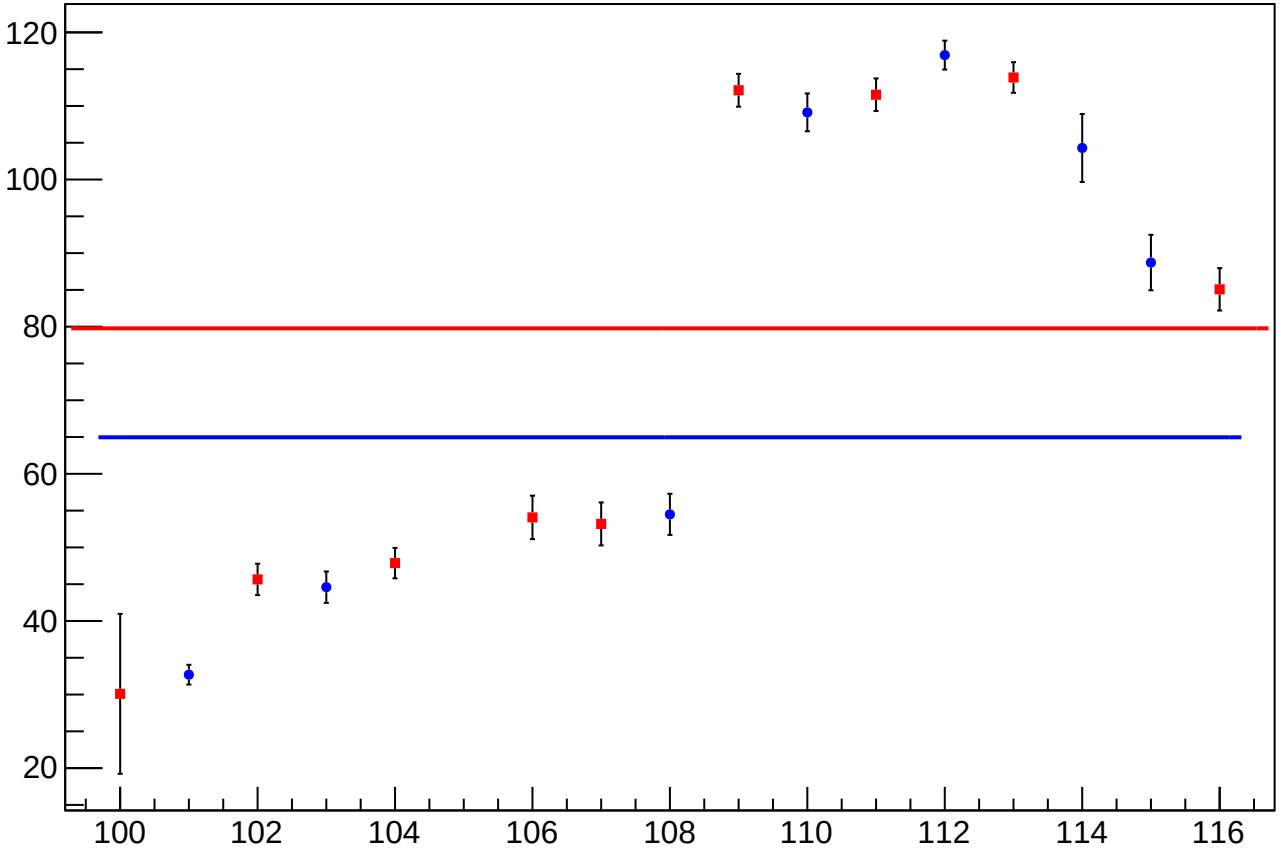
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 5.600+/-0.356 $\chi^2$/NDF: 336.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_avg_diff_bpm4eX_slope vs Slug




Right In: 64.966+/-0.837 $\chi^2$/NDF: 1788.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 79.774+/-0.831 $\chi^2$/NDF: 1360.7/8

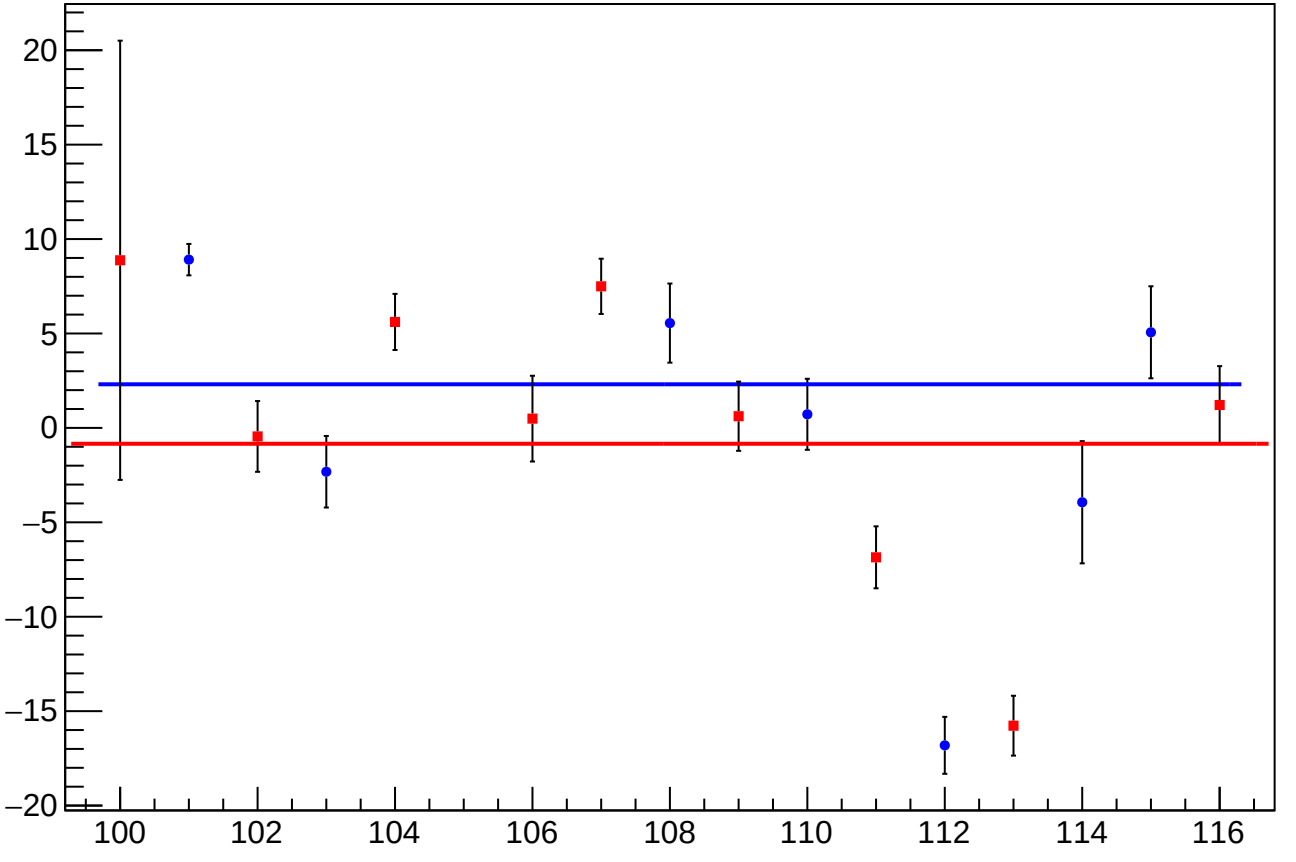
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 72.422+/-0.589 $\chi^2$/NDF: 3307.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_avg_diff_bpm4eY_slope vs Slug




Right In: 2.309+/-0.583 $\chi^2$/NDF: 237.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.840+/-0.607 $\chi^2$/NDF: 156.2/8

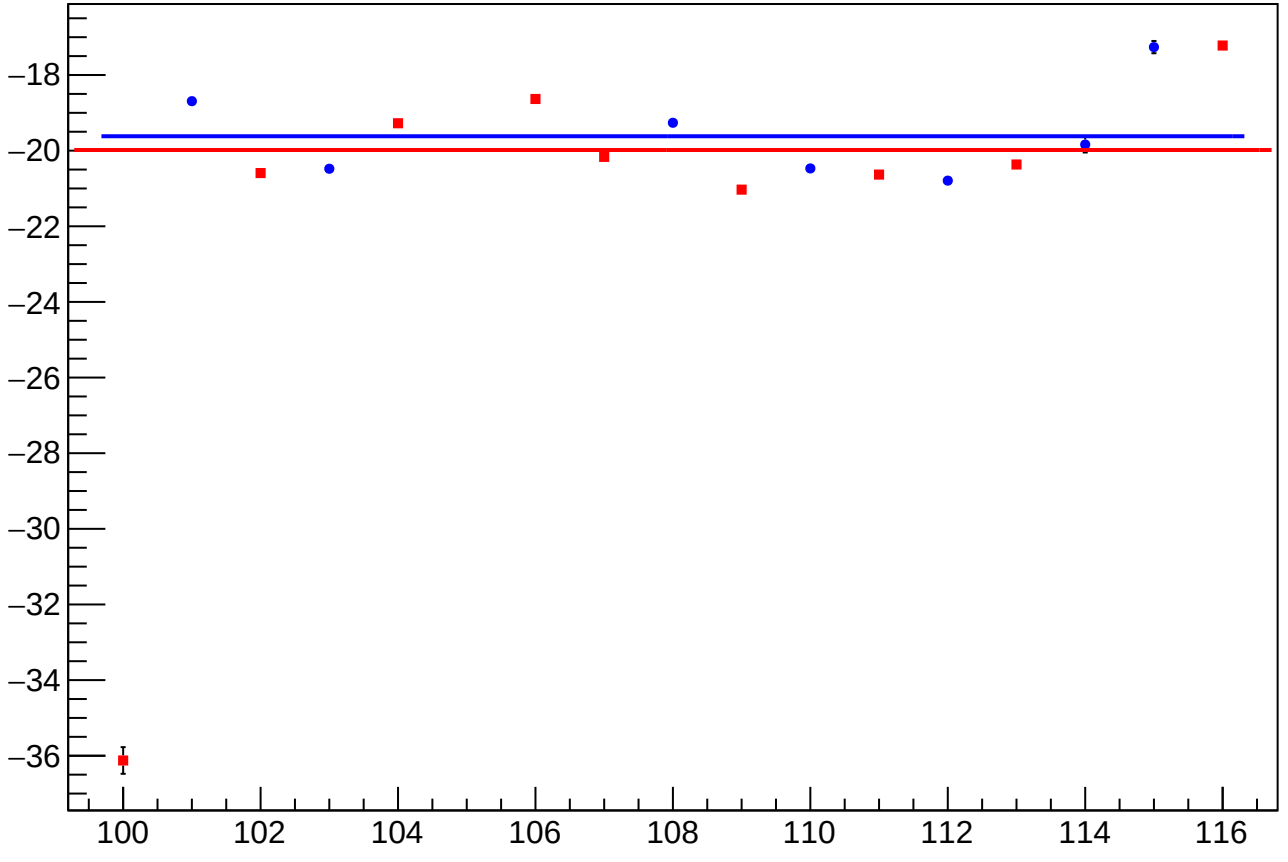
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.798+/-0.421 $\chi^2$/NDF: 408.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_avg_diff_bpm12X_slope vs Slug




Right In: -19.619+/-0.027 $\chi^2$/NDF: 1145.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -19.983+/-0.025 $\chi^2$/NDF: 3386.5/8

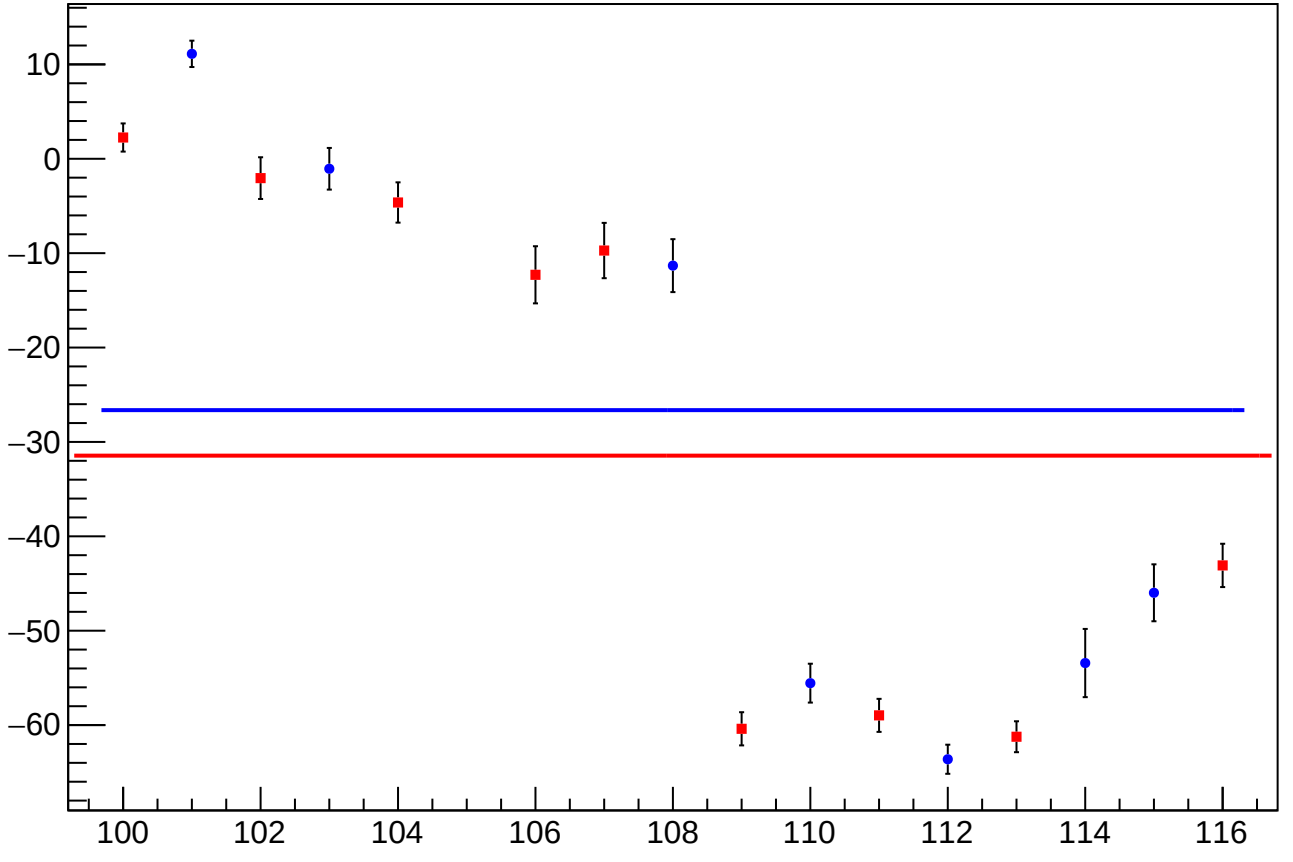
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -19.813+/-0.019 $\chi^2$/NDF: 4627.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_dd_diff_bpm4aX_slope vs Slug




Right In: -26.631+/-0.770 $\chi^2$/NDF: 1764.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -31.452+/-0.658 $\chi^2$/NDF: 1814.7/8

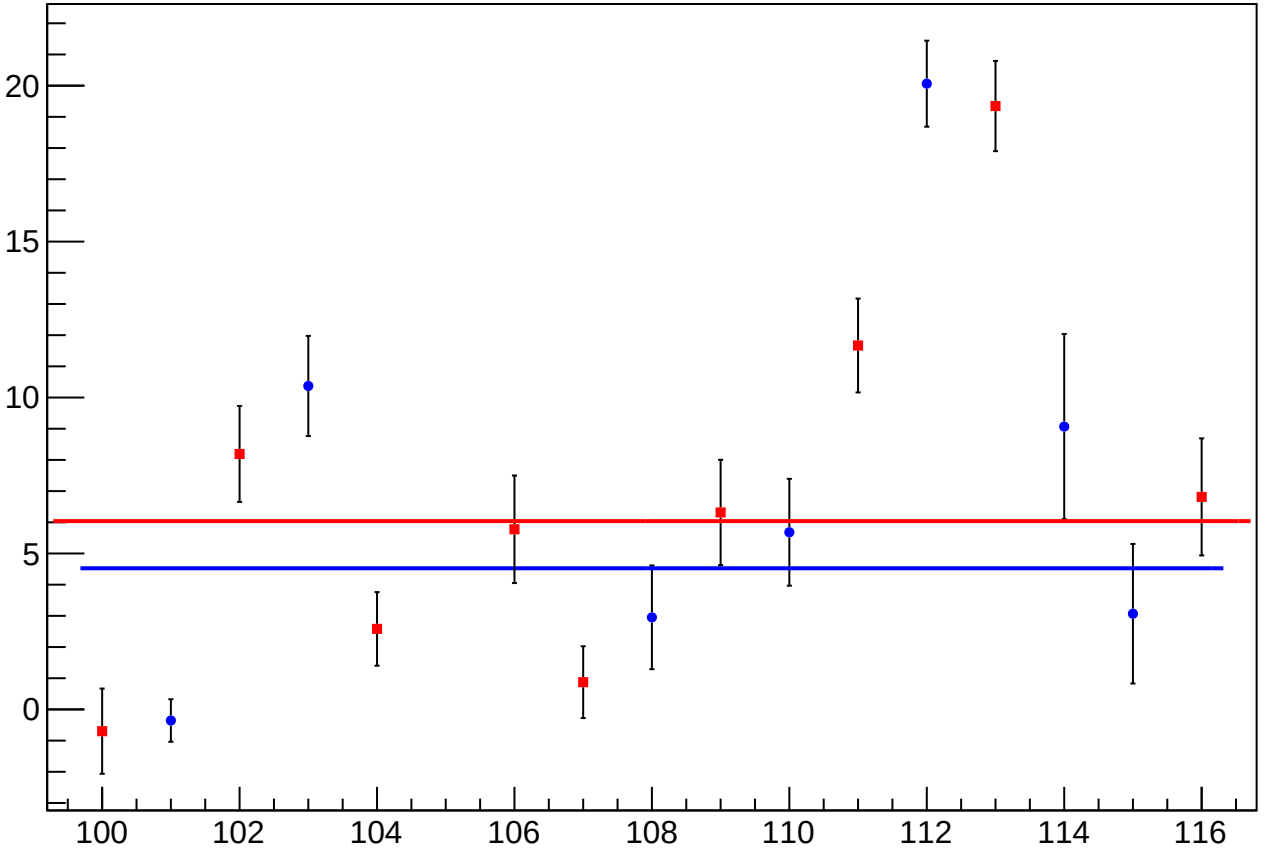
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -29.417+/-0.500 $\chi^2$/NDF: 3601.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_dd_diff_bpm4aY_slope vs Slug




Right In: 4.526+/-0.495 $\chi^2$/NDF: 195.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 6.037+/-0.481 $\chi^2$/NDF: 153.8/8

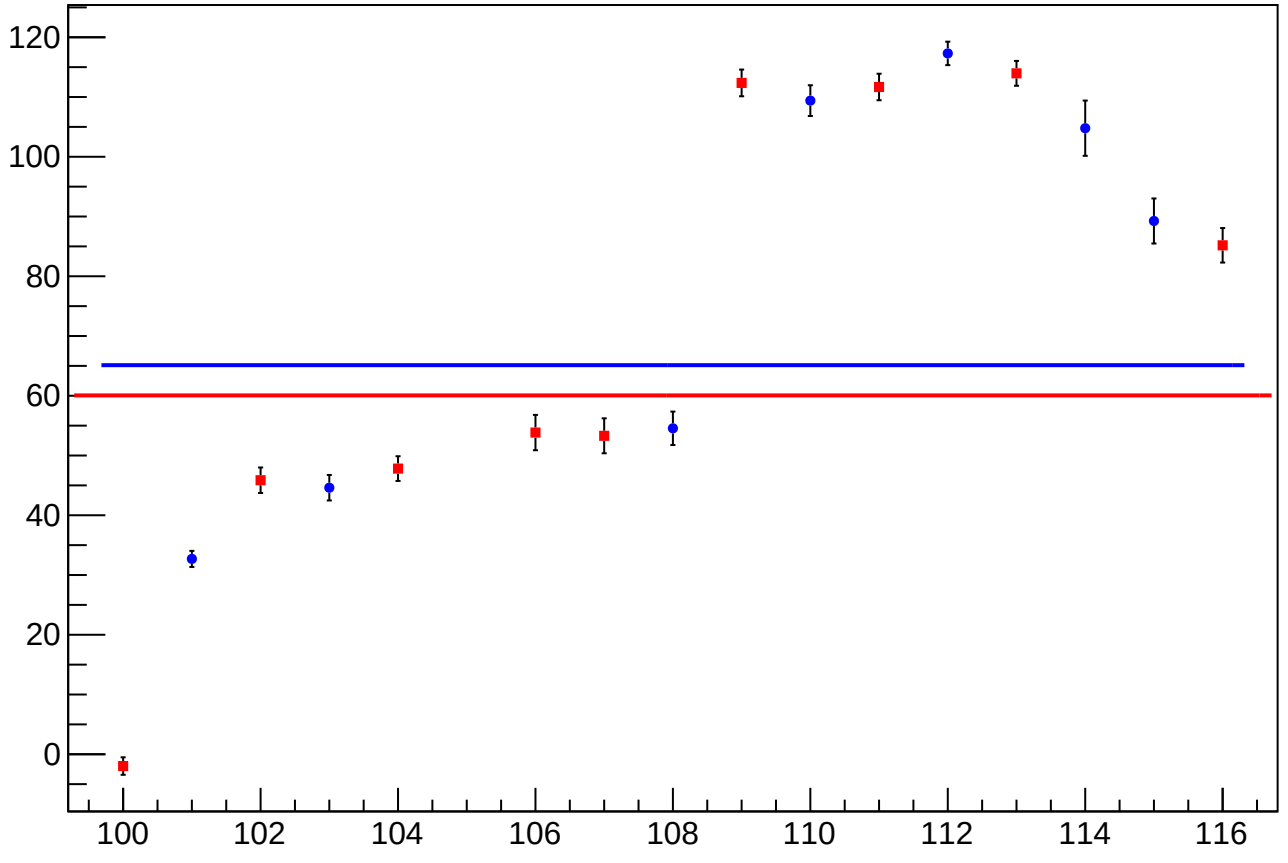
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 5.304+/-0.345 $\chi^2$/NDF: 354.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_dd_diff_bpm4eX_slope vs Slug




Right In: 65.120+/-0.837 $\chi^2$/NDF: 1804.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 60.060+/-0.724 $\chi^2$/NDF: 3718.1/8

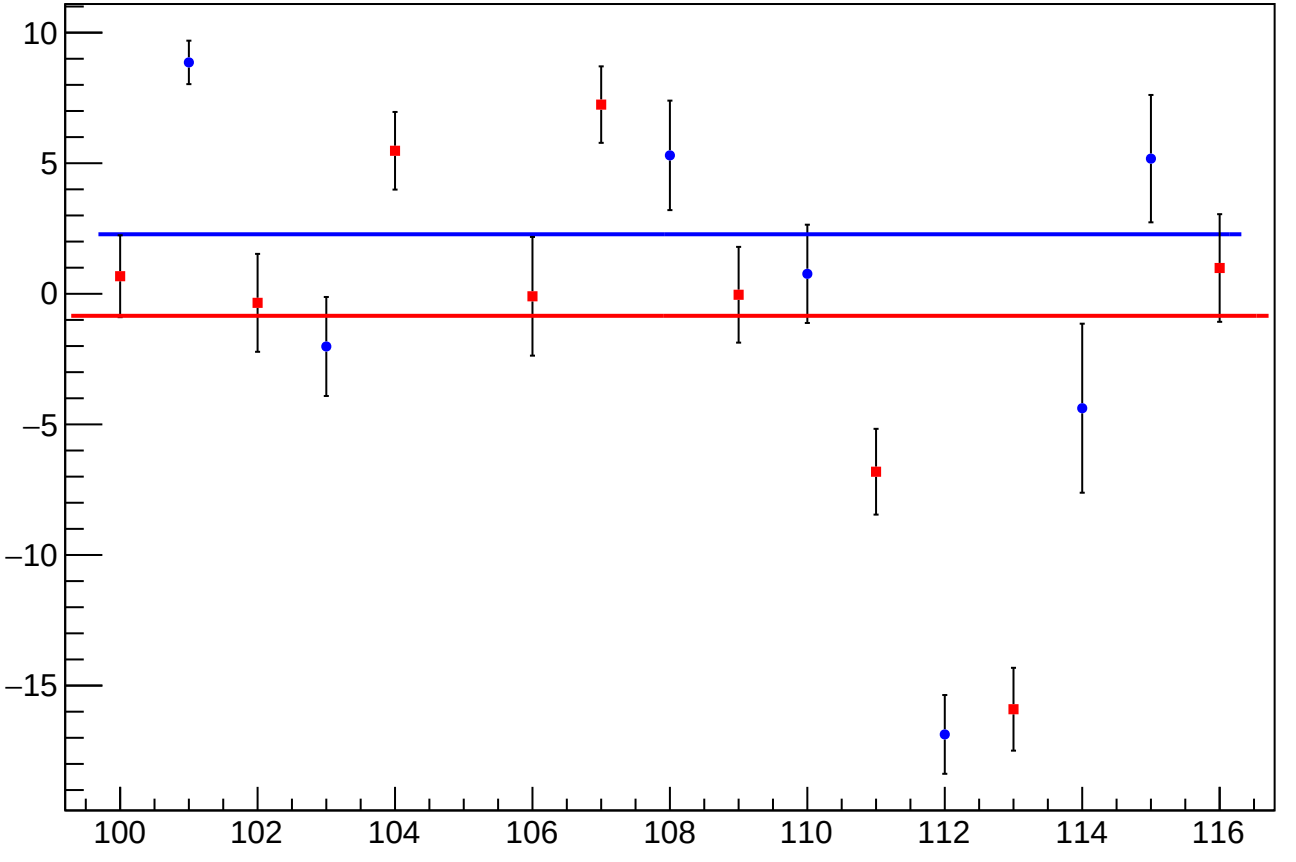
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 62.227+/-0.548 $\chi^2$/NDF: 5543.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_dd_diff_bpm4eY_slope vs Slug




Right In: 2.280+/-0.584 $\chi^2$/NDF: 237.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.842+/-0.567 $\chi^2$/NDF: 154.1/8

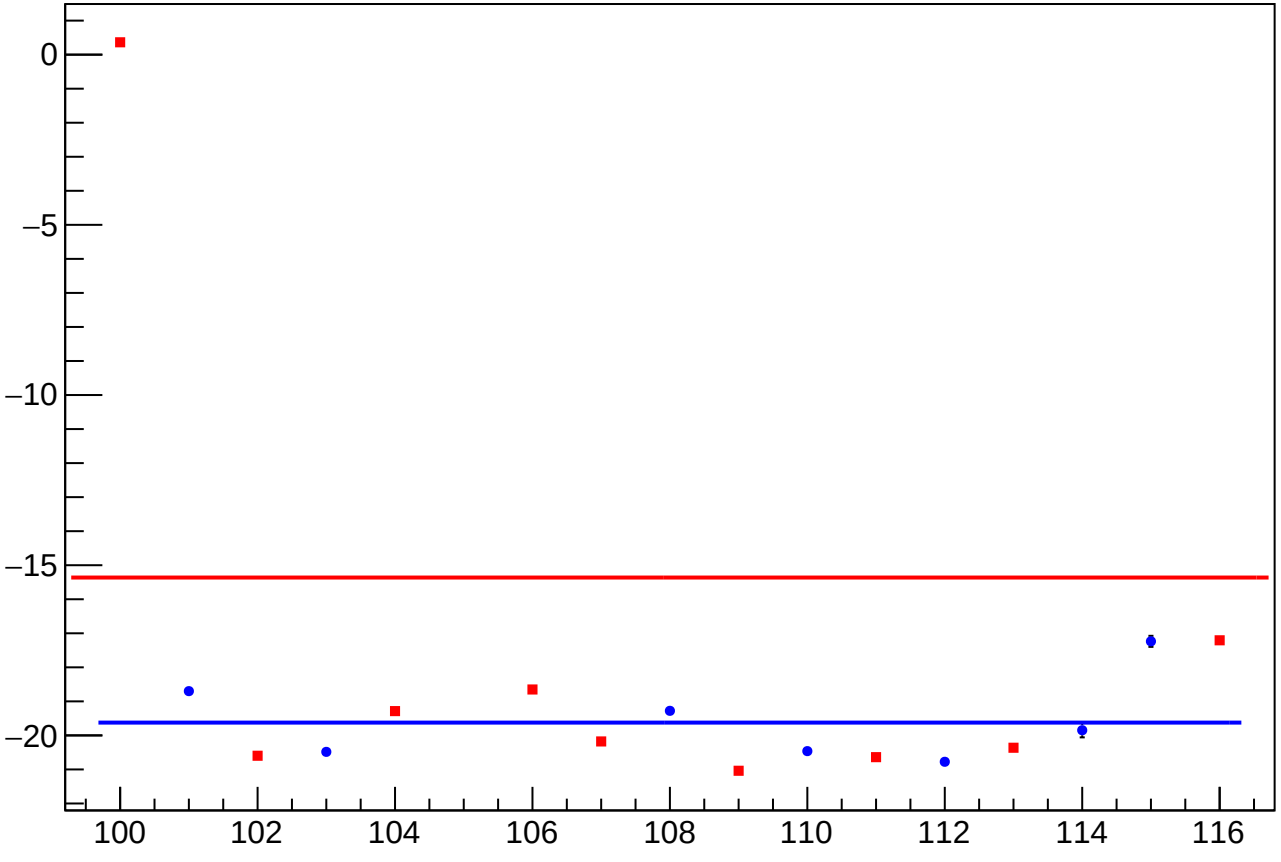
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.675+/-0.407 $\chi^2$/NDF: 406.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_right_dd_diff_bpm12X_slope vs Slug




Right In: -19.624+/-0.027 $\chi^2$/NDF: 1137.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

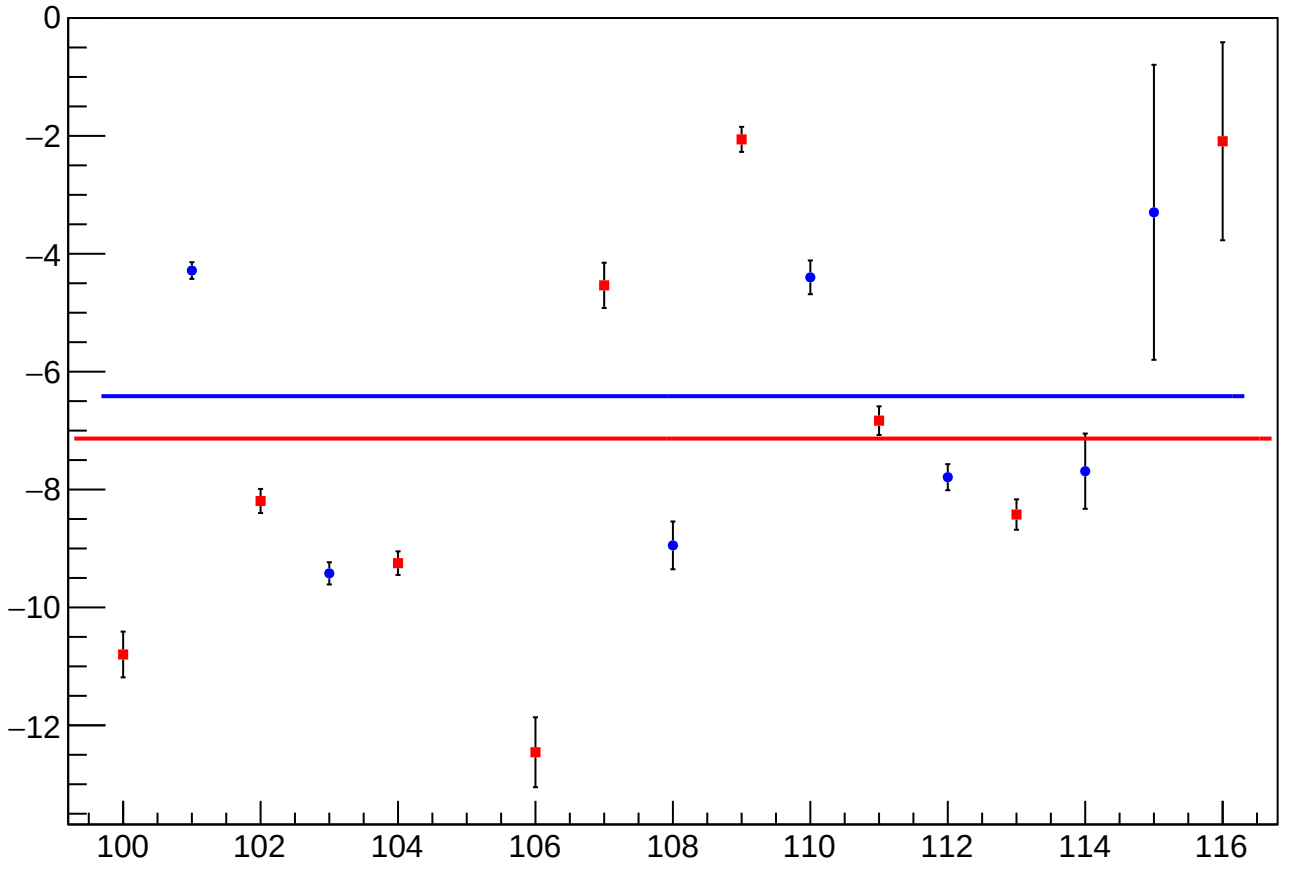
Right Out: -15.362+/-0.022 $\chi^2$/NDF: 142482.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -17.095+/-0.017 $\chi^2$/NDF: 158213.1/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -6.416+/-0.092 $\chi^2$/NDF: 614.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

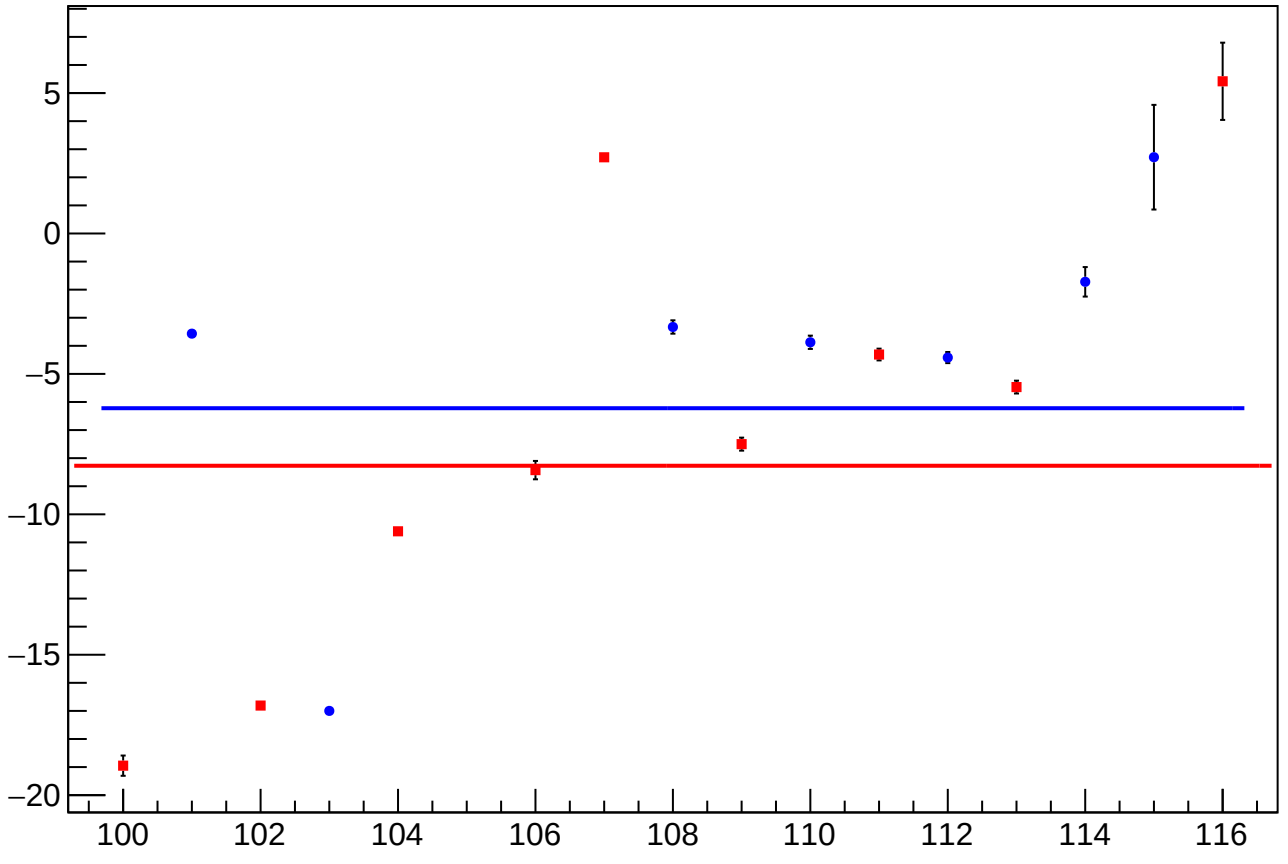
Right Out: -7.135+/-0.091 $\chi^2$/NDF: 959.5/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -6.776+/-0.065 $\chi^2$/NDF: 1604.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -6.222+/-0.059 $\chi^2$/NDF: 7953.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -8.270+/-0.065 $\chi^2$/NDF: 10352.6/8

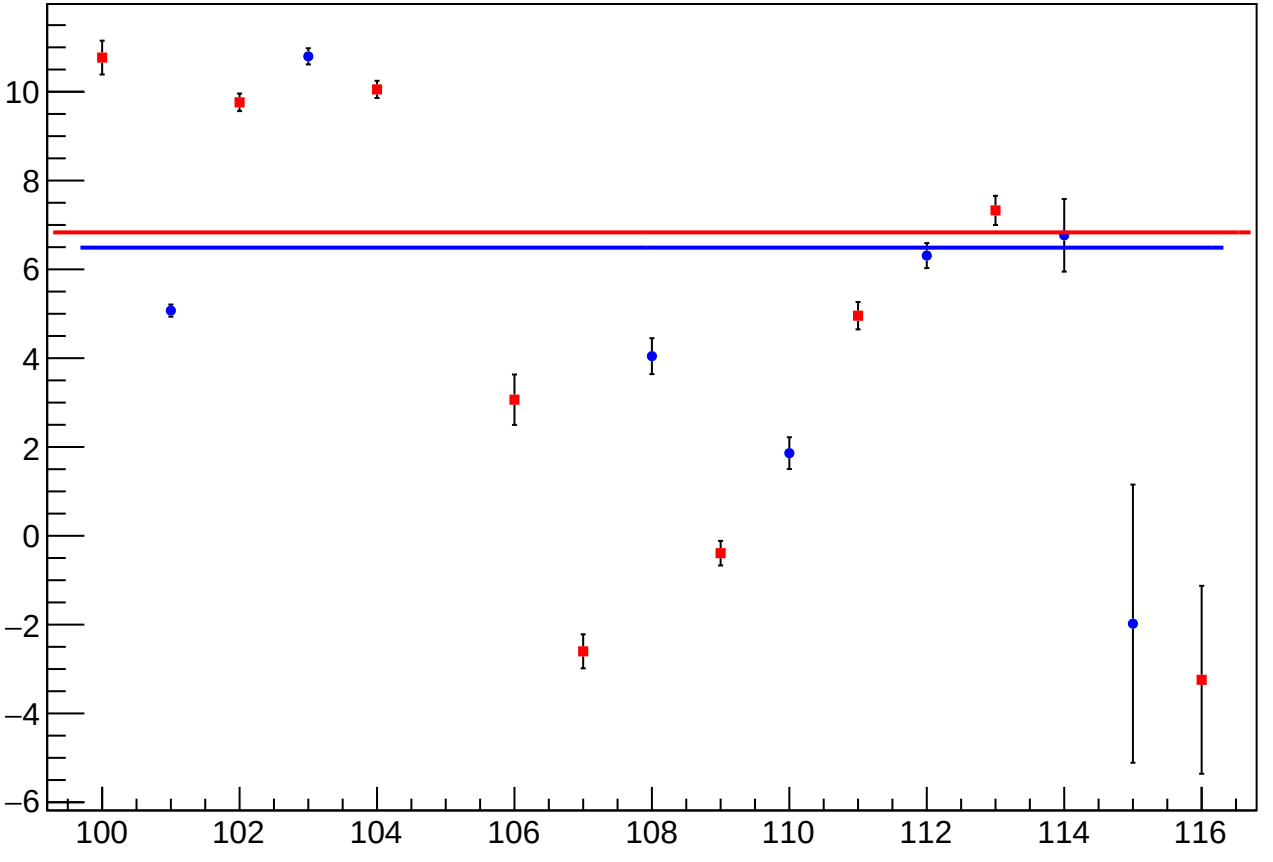
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -7.148+/-0.044 $\chi^2$/NDF: 18843.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug




Right In: 6.489+/-0.095 $\chi^2$/NDF: 879.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

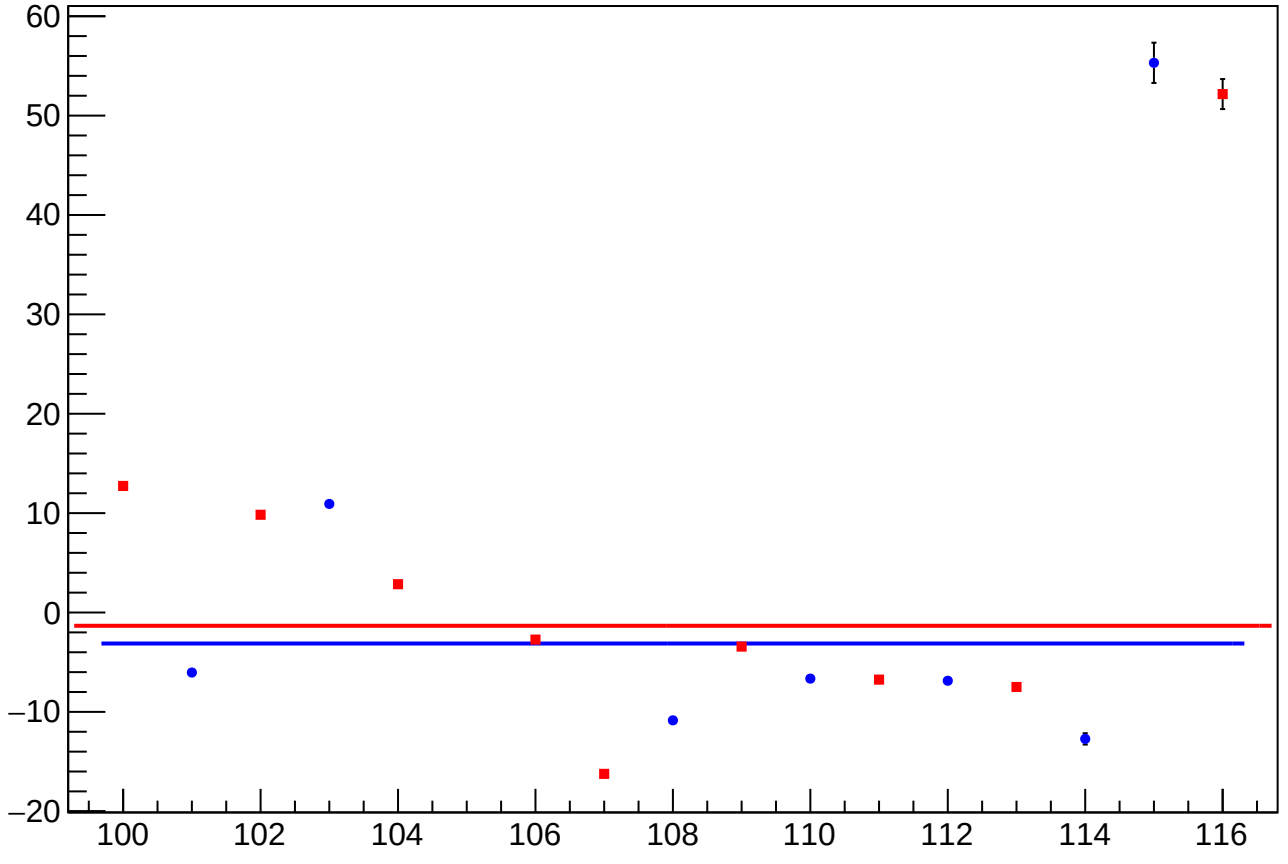
Right Out: 6.833+/-0.099 $\chi^2$/NDF: 1998.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 6.653+/-0.068 $\chi^2$/NDF: 2883.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -3.120+/-0.071 $\chi^2$/NDF: 10980.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.335+/-0.078 $\chi^2$/NDF: 14195.8/8

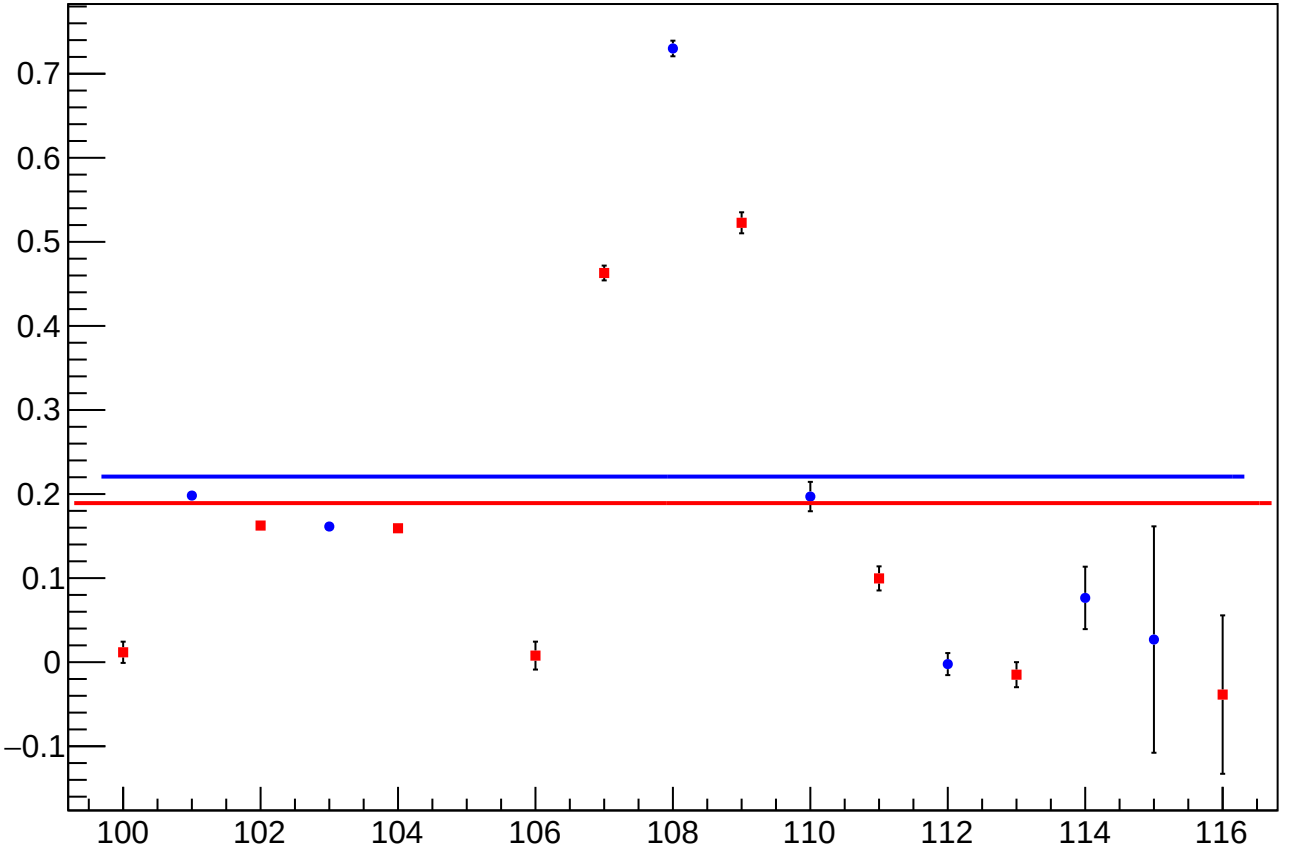
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2.314+/-0.052 $\chi^2$/NDF: 25463.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug




Right In: 0.221+/-0.003 $\chi^2$/NDF: 3547.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

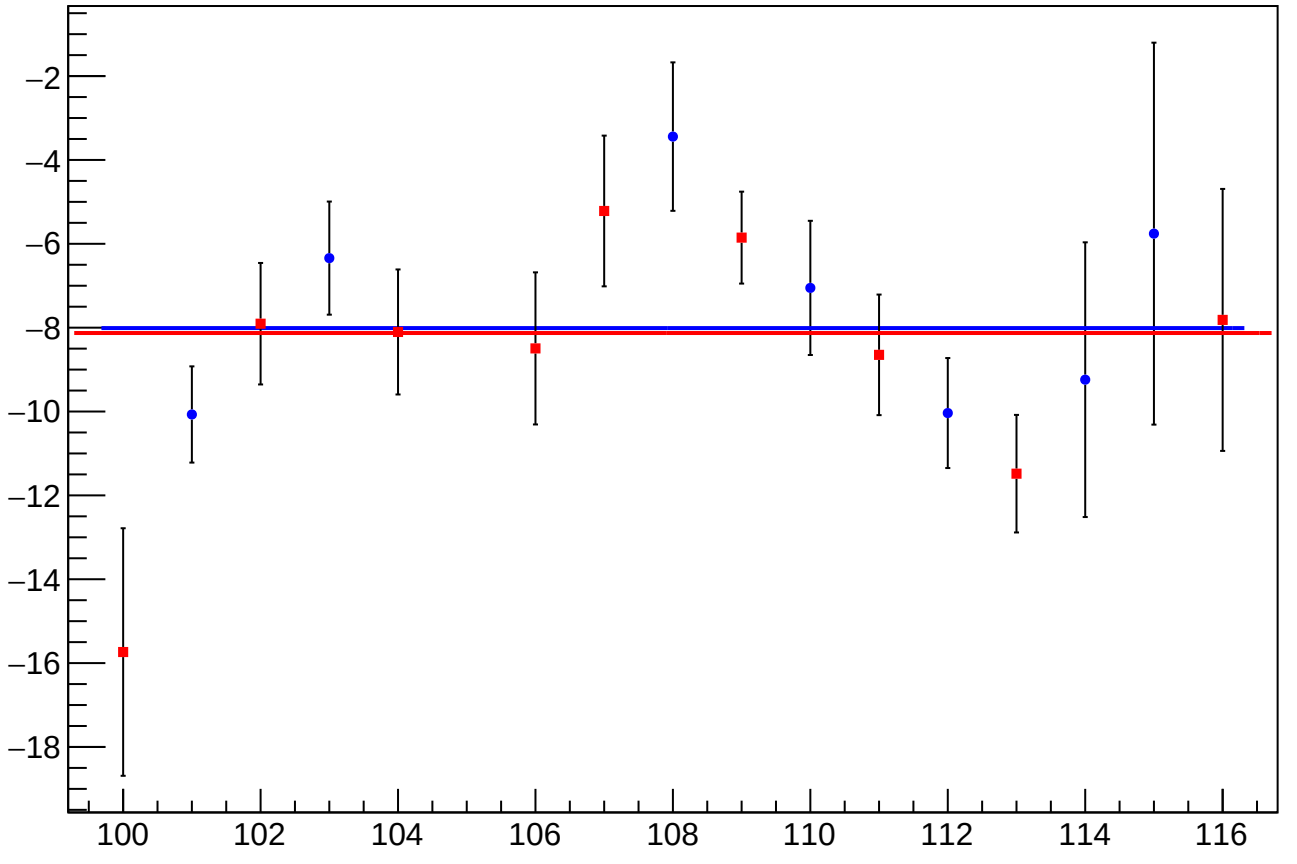
Right Out: 0.189+/-0.003 $\chi^2$/NDF: 2298.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.204+/-0.002 $\chi^2$/NDF: 5907.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -8.010+/-0.604 $\chi^2$/NDF: 14.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -8.128+/-0.528 $\chi^2$/NDF: 19.5/8

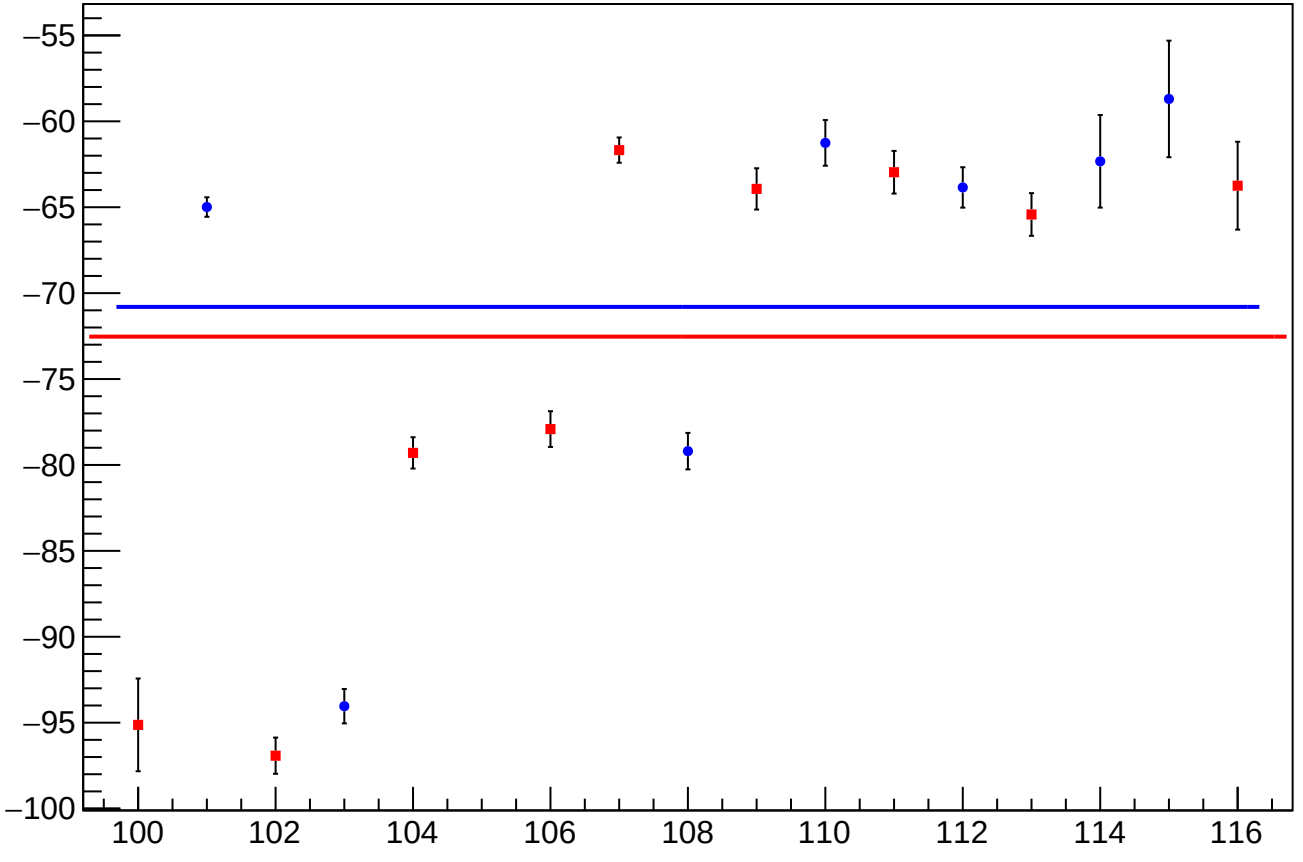
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -8.077+/-0.398 $\chi^2$/NDF: 34.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug




Right In: -70.800+/-0.392 $\chi^2$/NDF: 816.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -72.532+/-0.374 $\chi^2$/NDF: 1060.6/8

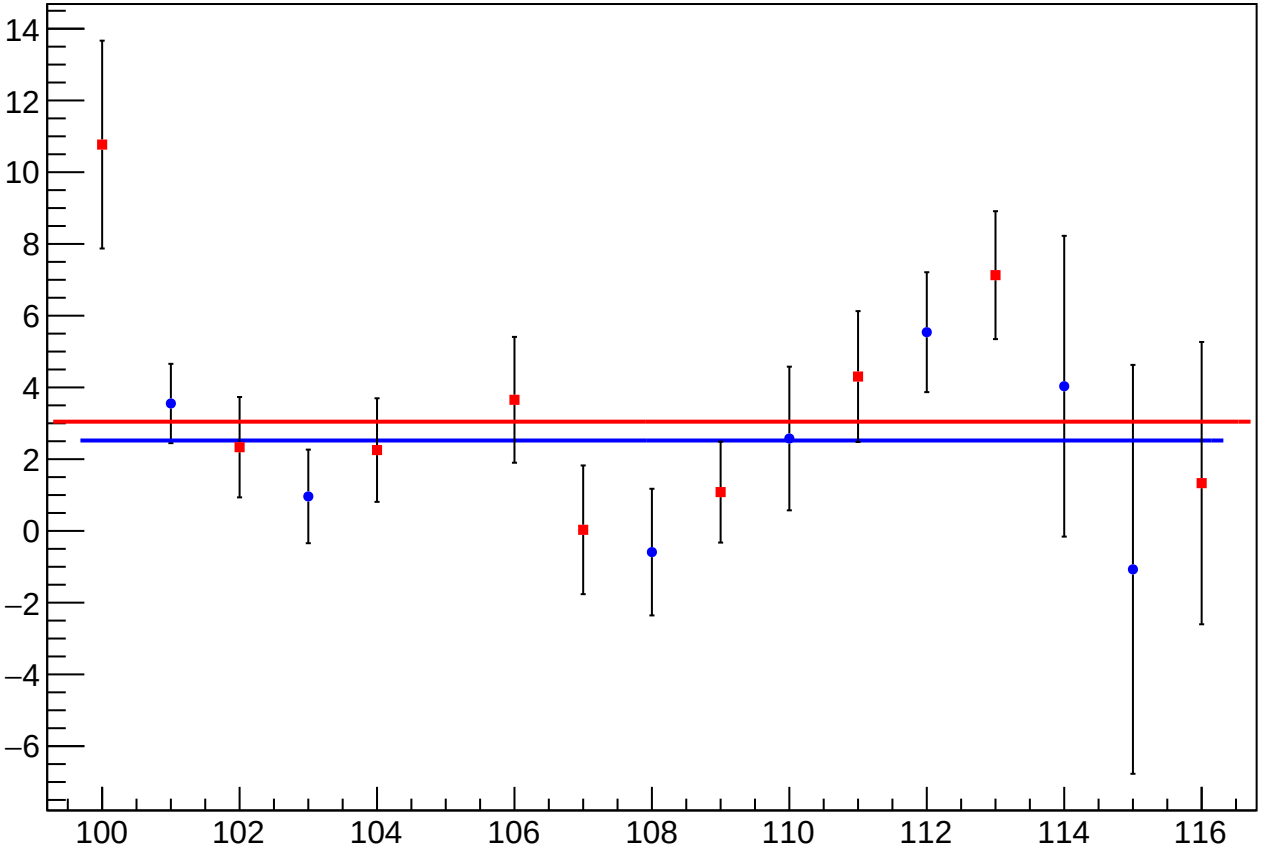
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -71.708+/-0.271 $\chi^2$/NDF: 1887.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug




Right In: 2.521+/-0.643 $\chi^2$/NDF: 9.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3.045+/-0.584 $\chi^2$/NDF: 18.5/8

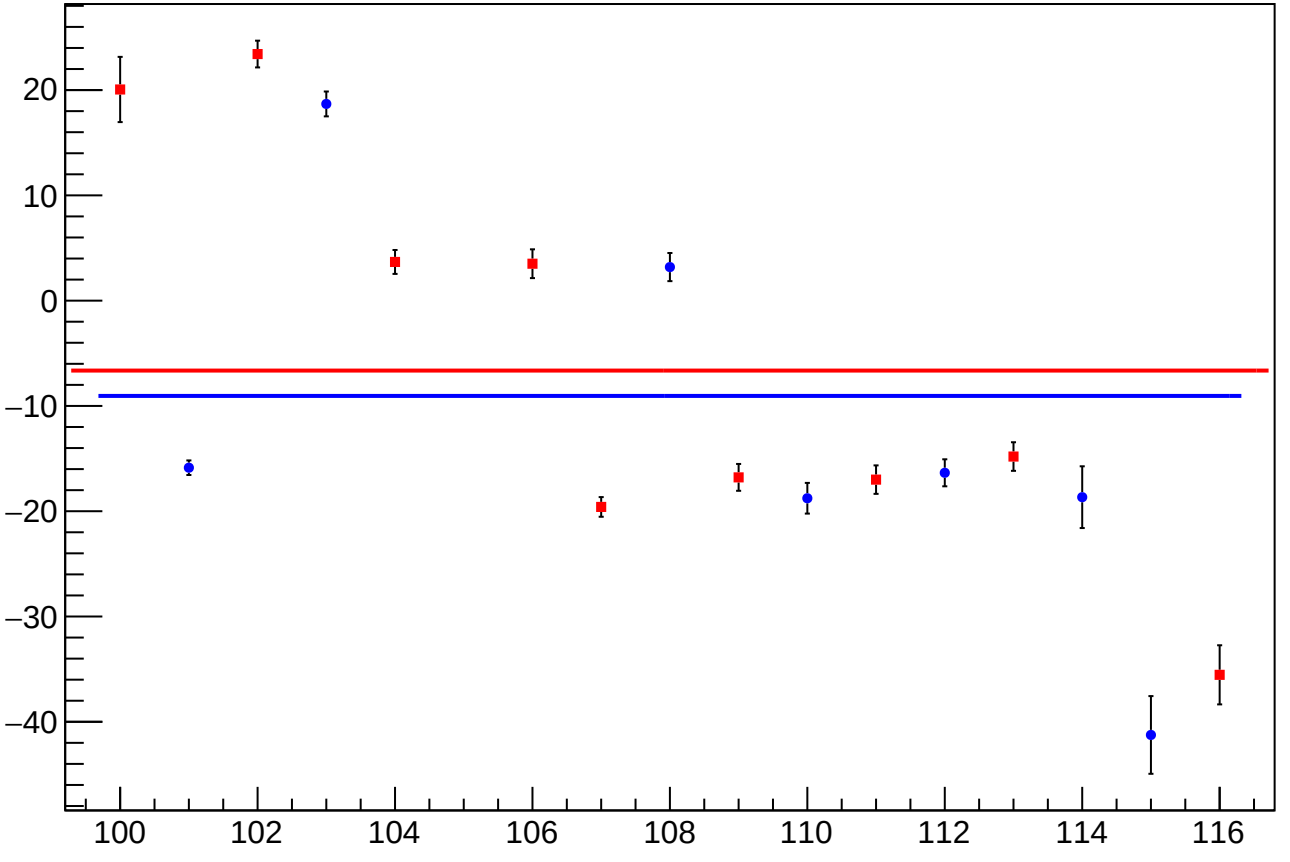
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.808+/-0.432 $\chi^2$/NDF: 28.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug




Right In: -9.048+/-0.465 $\chi^2$/NDF: 896.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -6.641+/-0.447 $\chi^2$/NDF: 1228.0/8

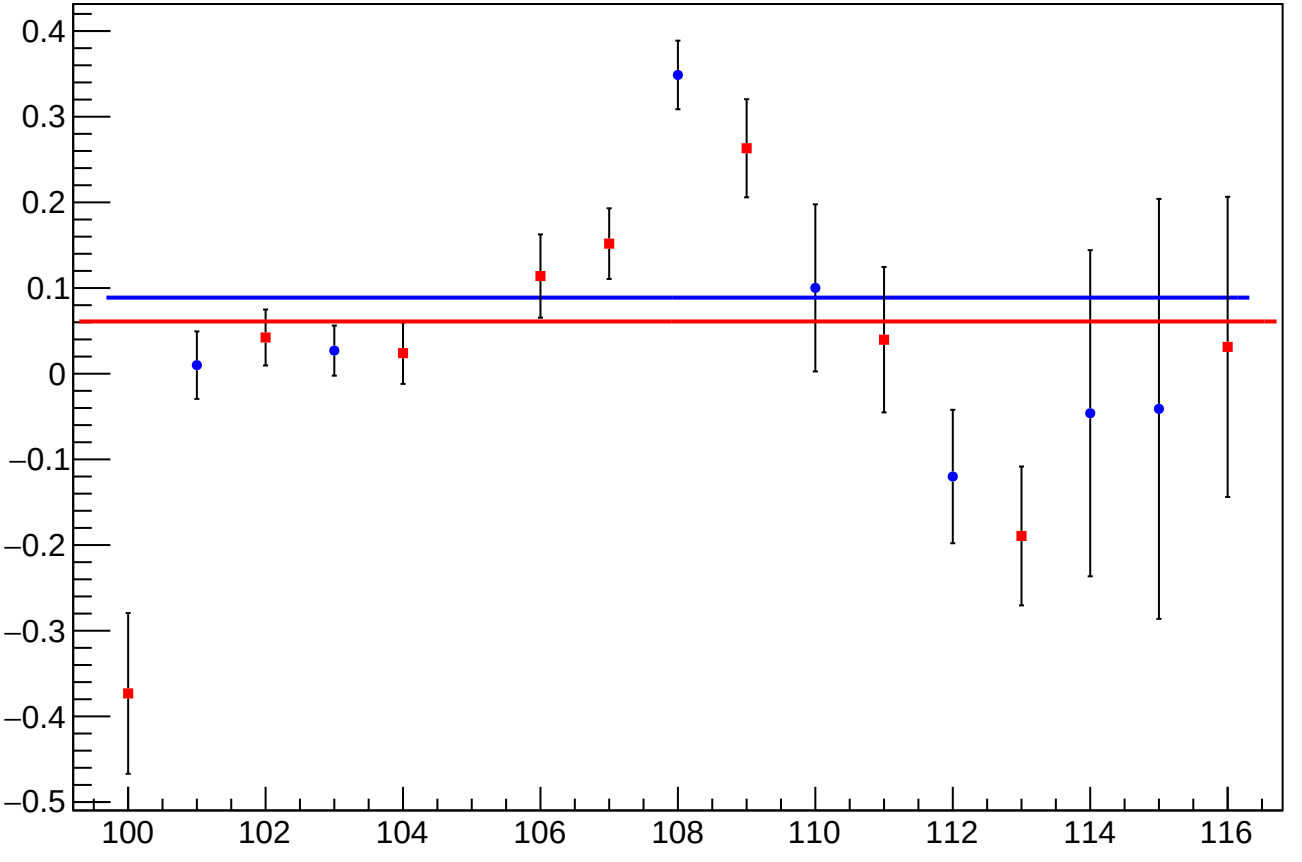
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -7.798+/-0.322 $\chi^2$/NDF: 2138.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug




Right In: 0.089+/-0.019 $\chi^2$/NDF: 58.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

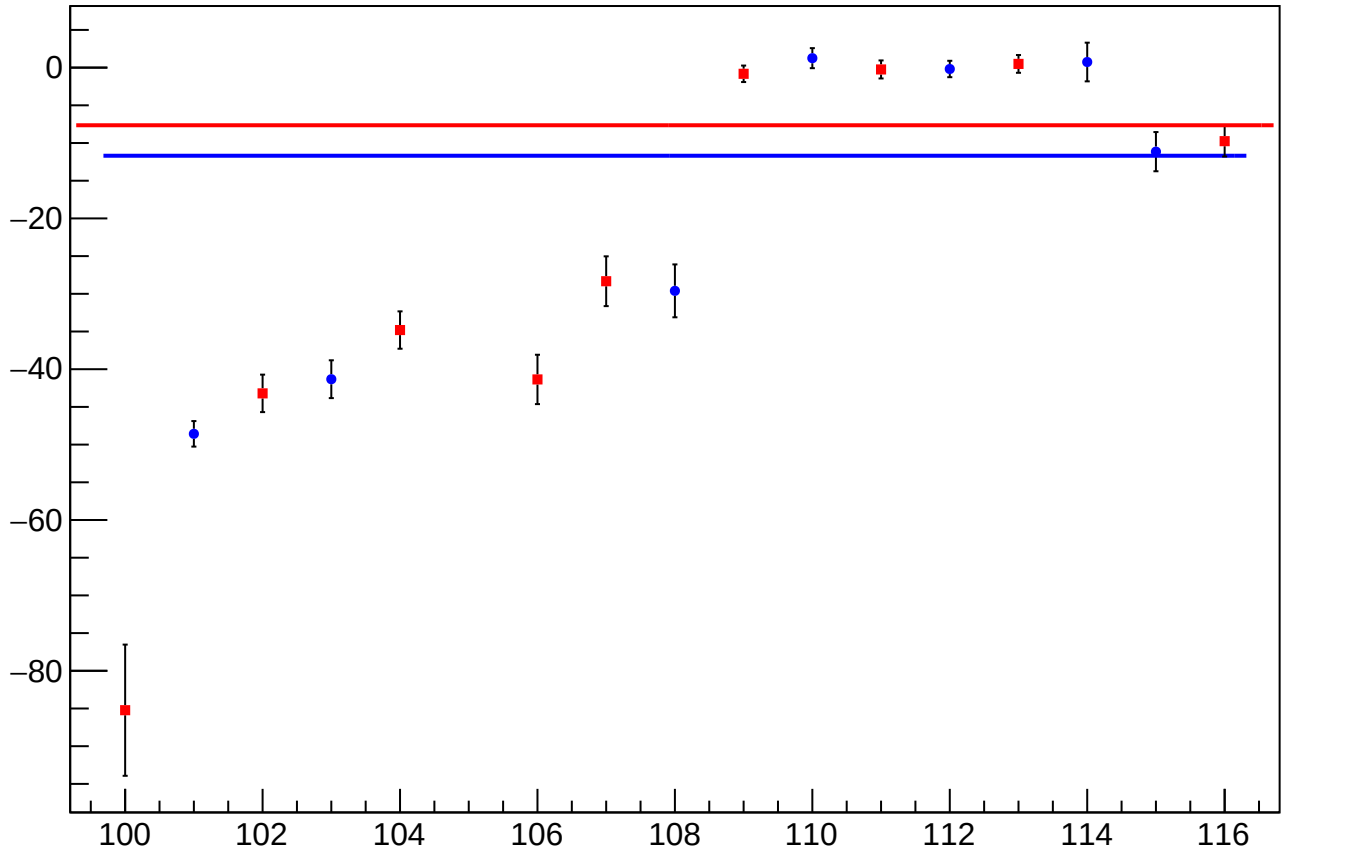
Right Out: 0.061+/-0.017 $\chi^2$/NDF: 50.9/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.073+/-0.013 $\chi^2$/NDF: 110.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -11.687+/-0.659 $\chi^2$/NDF: 870.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -7.645+/-0.575 $\chi^2$/NDF: 675.7/8

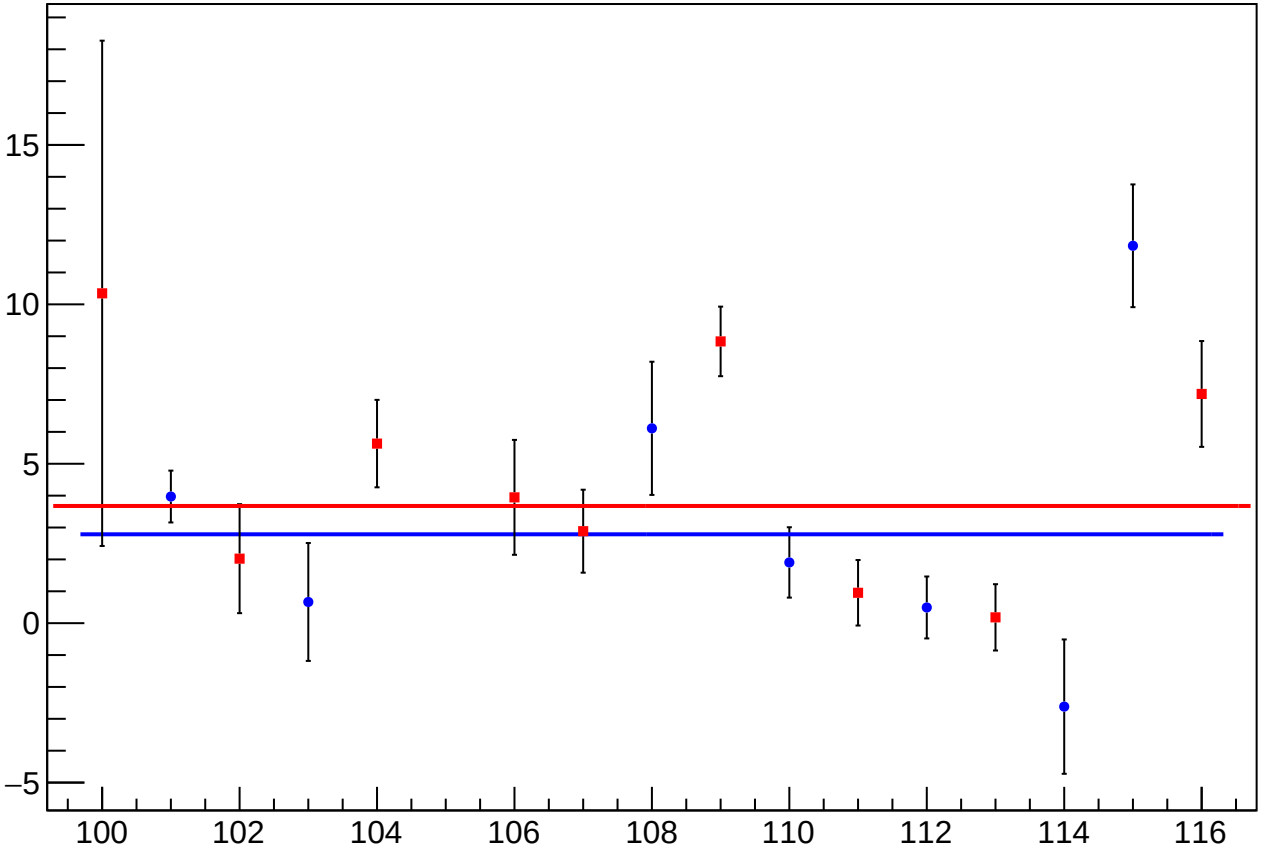
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -9.392+/-0.433 $\chi^2$/NDF: 1568.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug




Right In: 2.787+/-0.476 $\chi^2$/NDF: 40.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3.676+/-0.453 $\chi^2$/NDF: 49.3/8

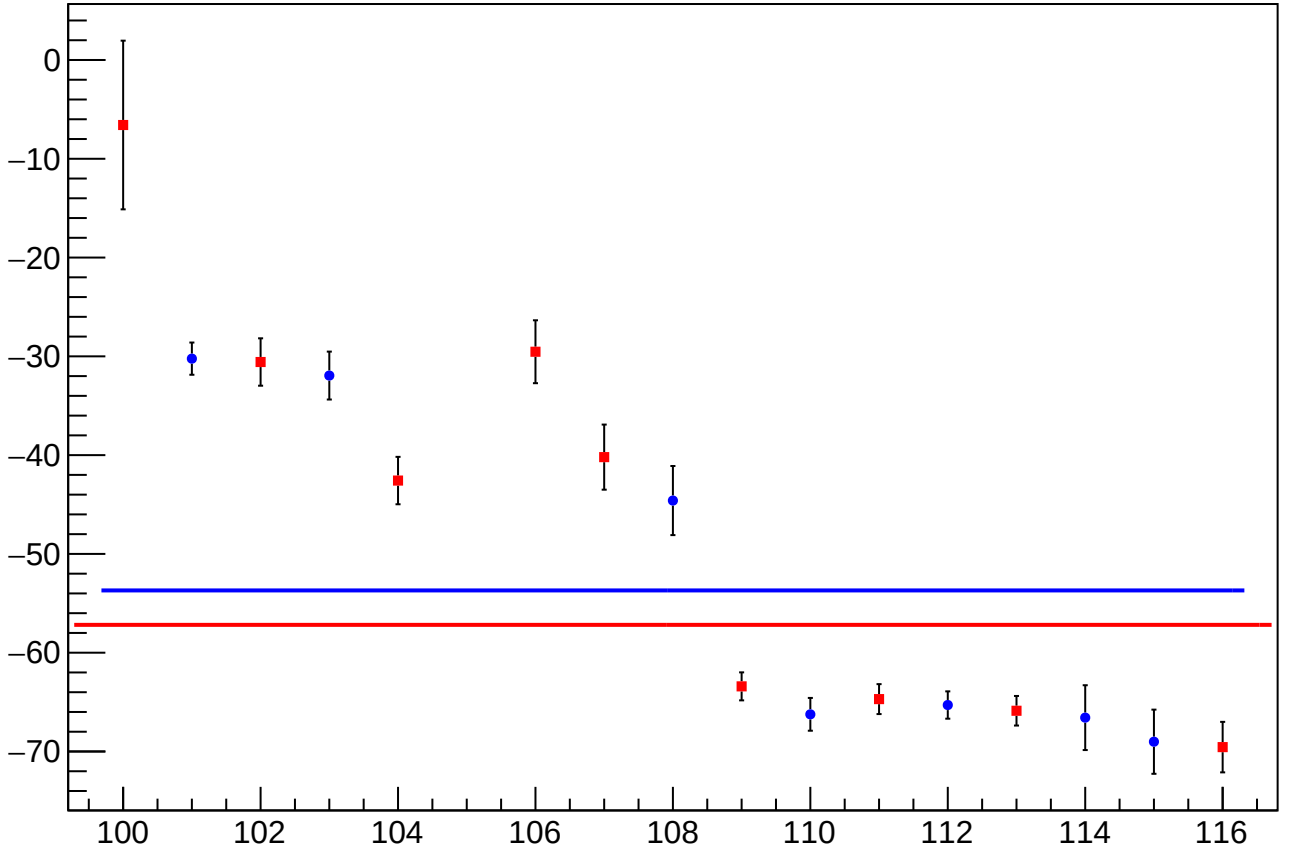
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3.253+/-0.328 $\chi^2$/NDF: 92.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug




Right In: -53.696+/-0.767 $\chi^2$/NDF: 459.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -57.181+/-0.693 $\chi^2$/NDF: 398.2/8

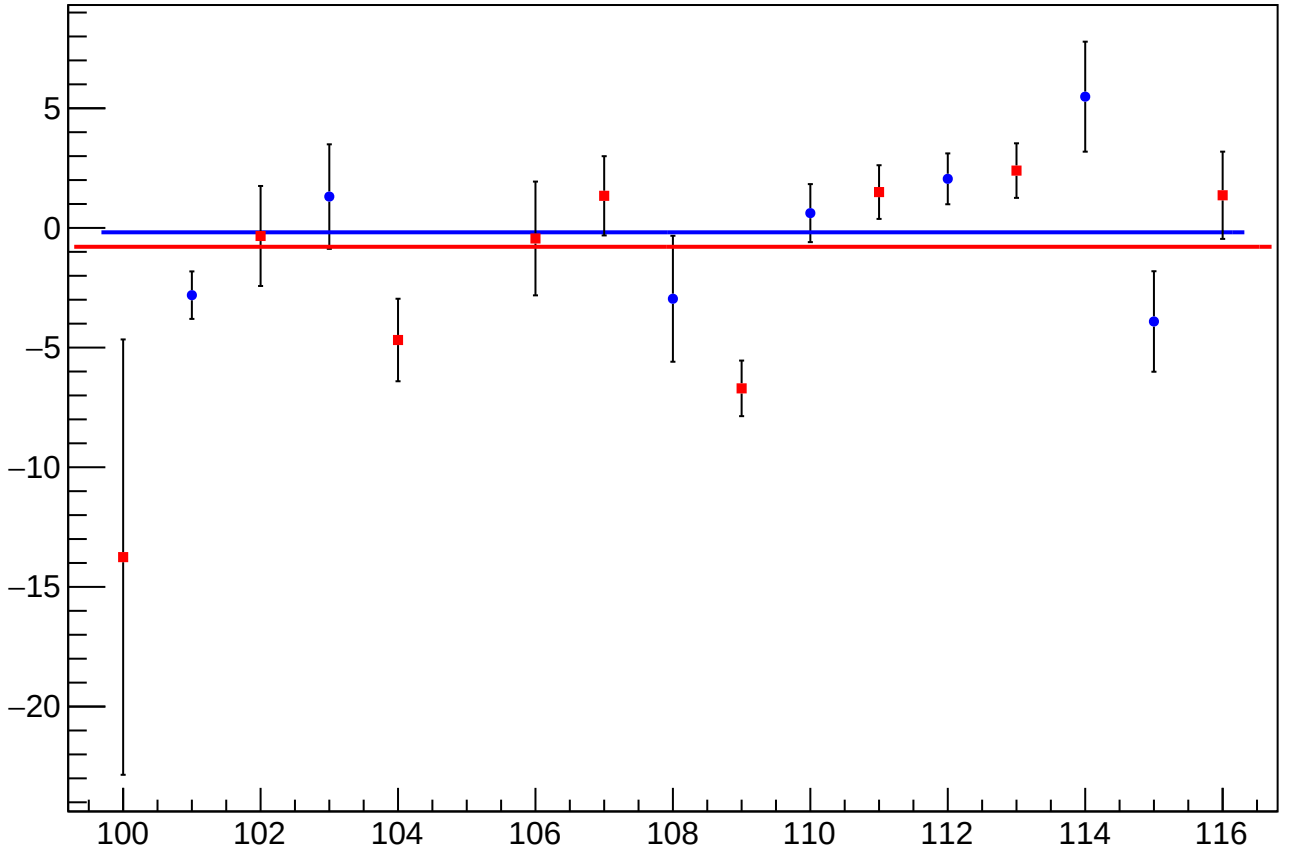
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -55.615+/-0.514 $\chi^2$/NDF: 868.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug




Right In: -0.183+/-0.546 $\chi^2$/NDF: 22.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.788+/-0.518 $\chi^2$/NDF: 48.2/8

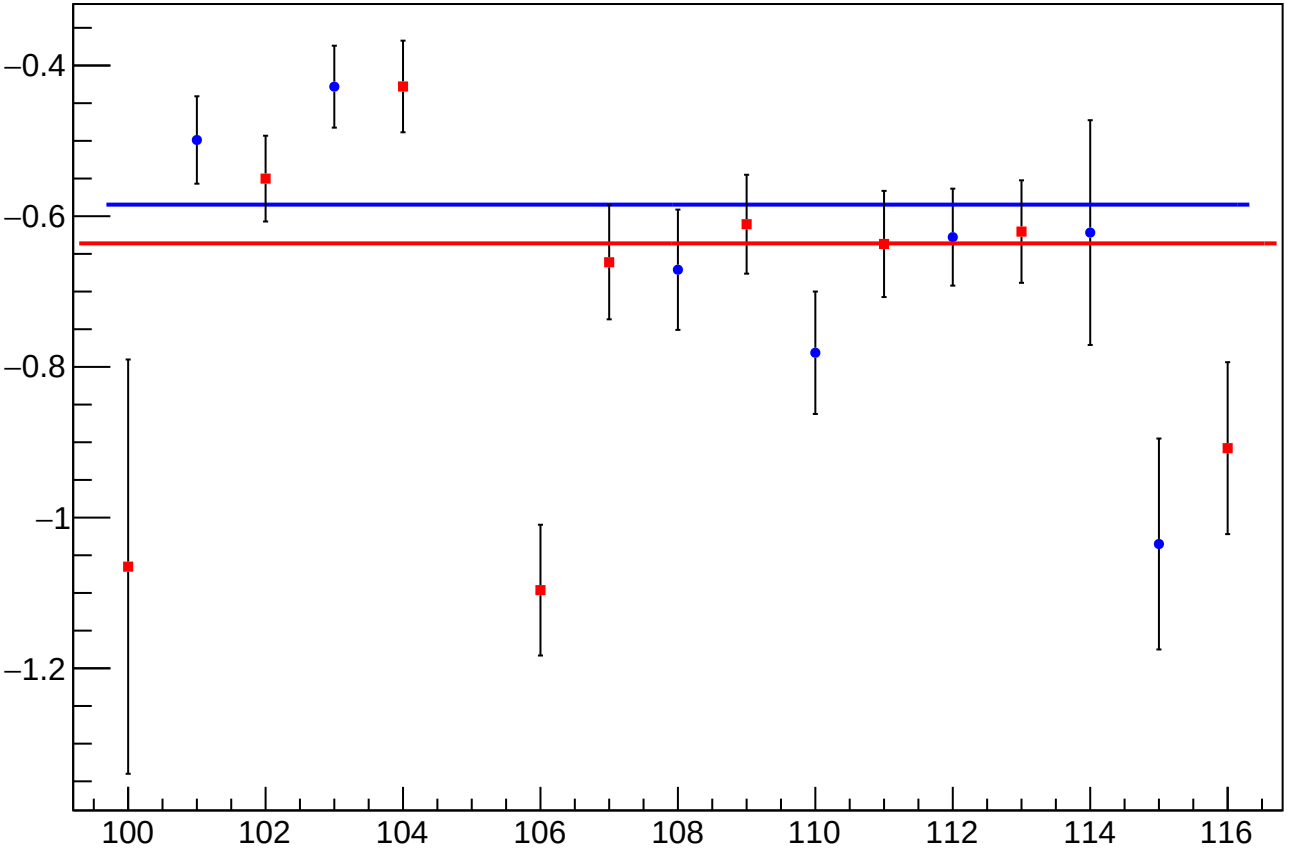
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.502+/-0.376 $\chi^2$/NDF: 71.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug




Right In: -0.585+/-0.028 $\chi^2$/NDF: 28.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

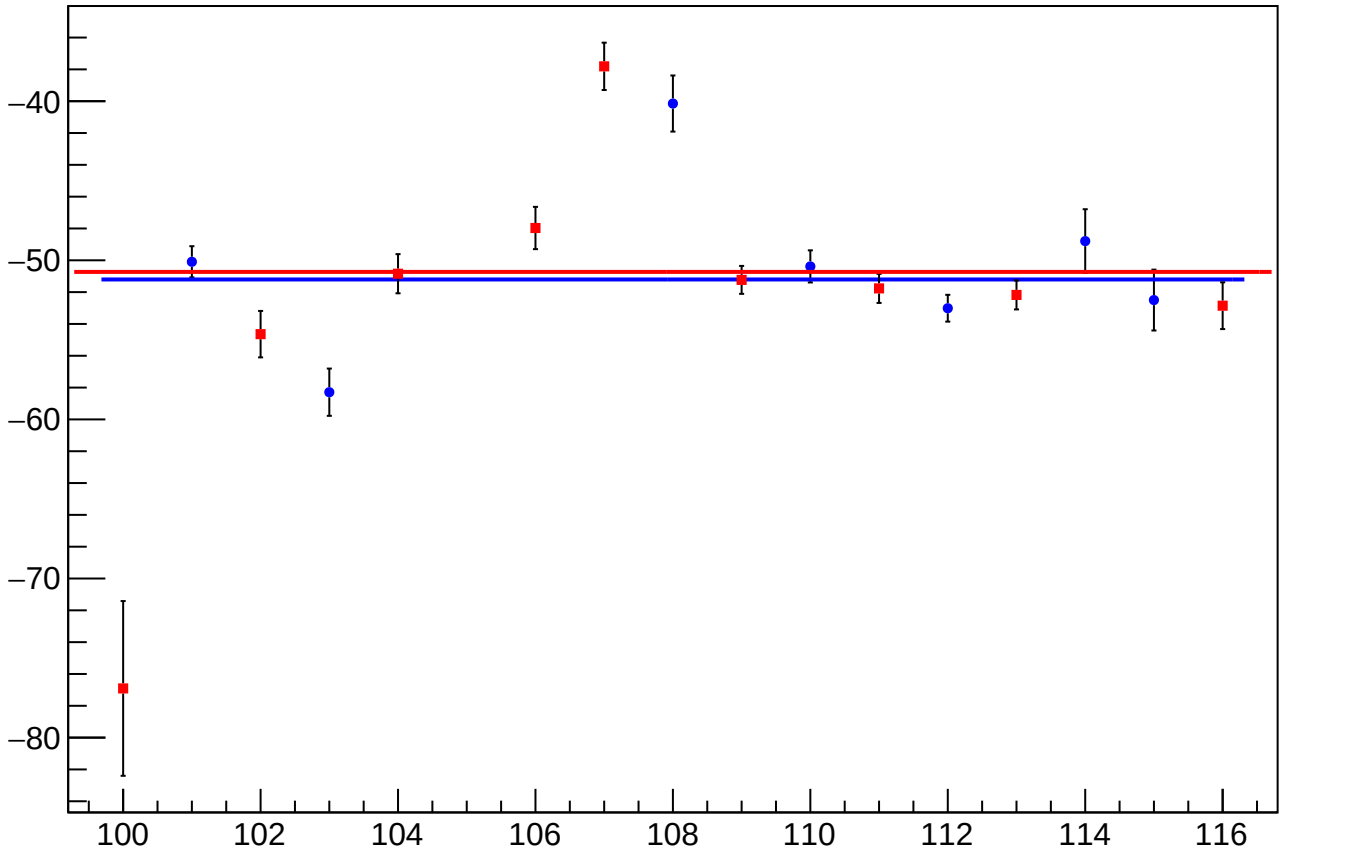
Right Out: -0.636+/-0.025 $\chi^2$/NDF: 50.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.613+/-0.019 $\chi^2$/NDF: 80.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -51.205+/-0.460 $\chi^2$/NDF: 70.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -50.729+/-0.397 $\chi^2$/NDF: 115.9/8

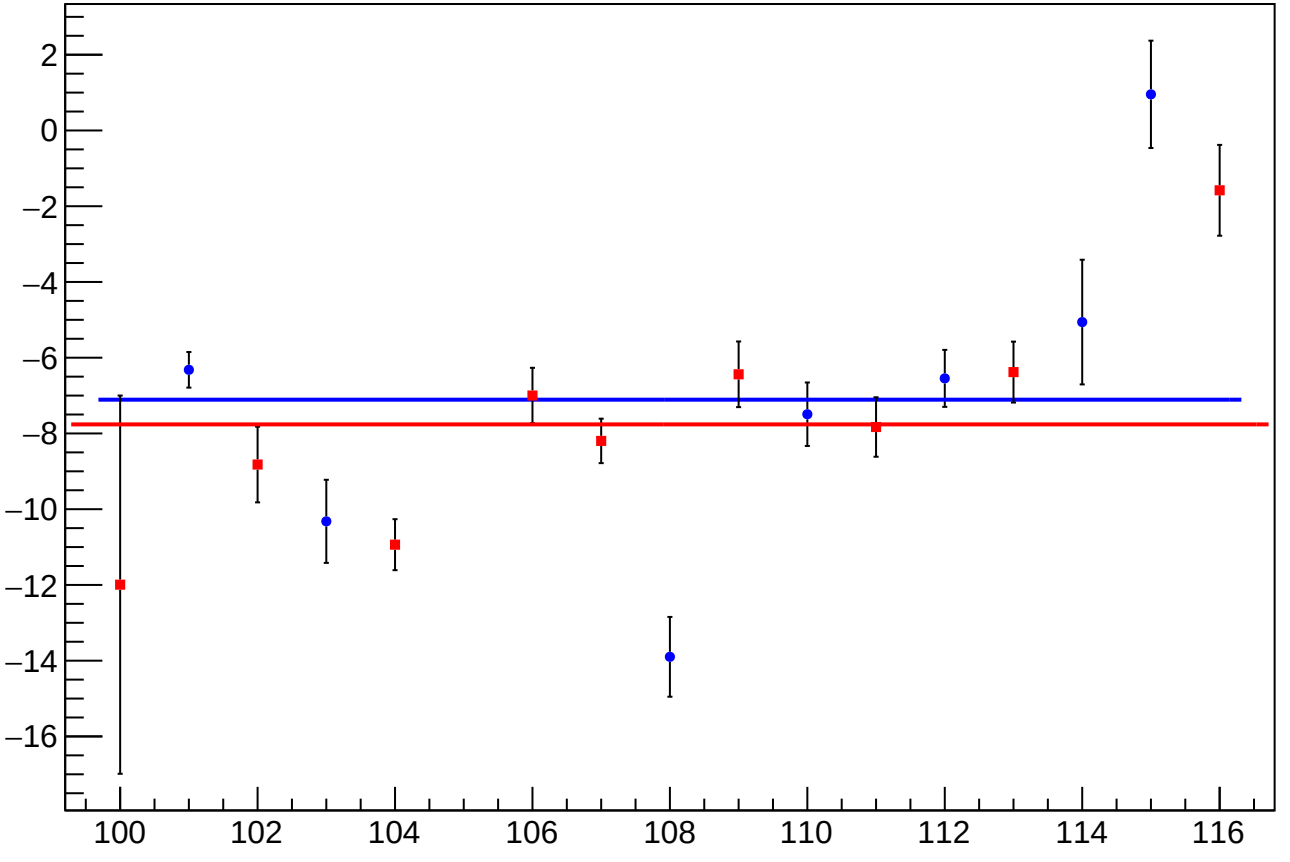
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -50.932+/-0.301 $\chi^2$/NDF: 187.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug




Right In: -7.108+/-0.311 $\chi^2$/NDF: 87.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -7.761+/-0.275 $\chi^2$/NDF: 57.6/8

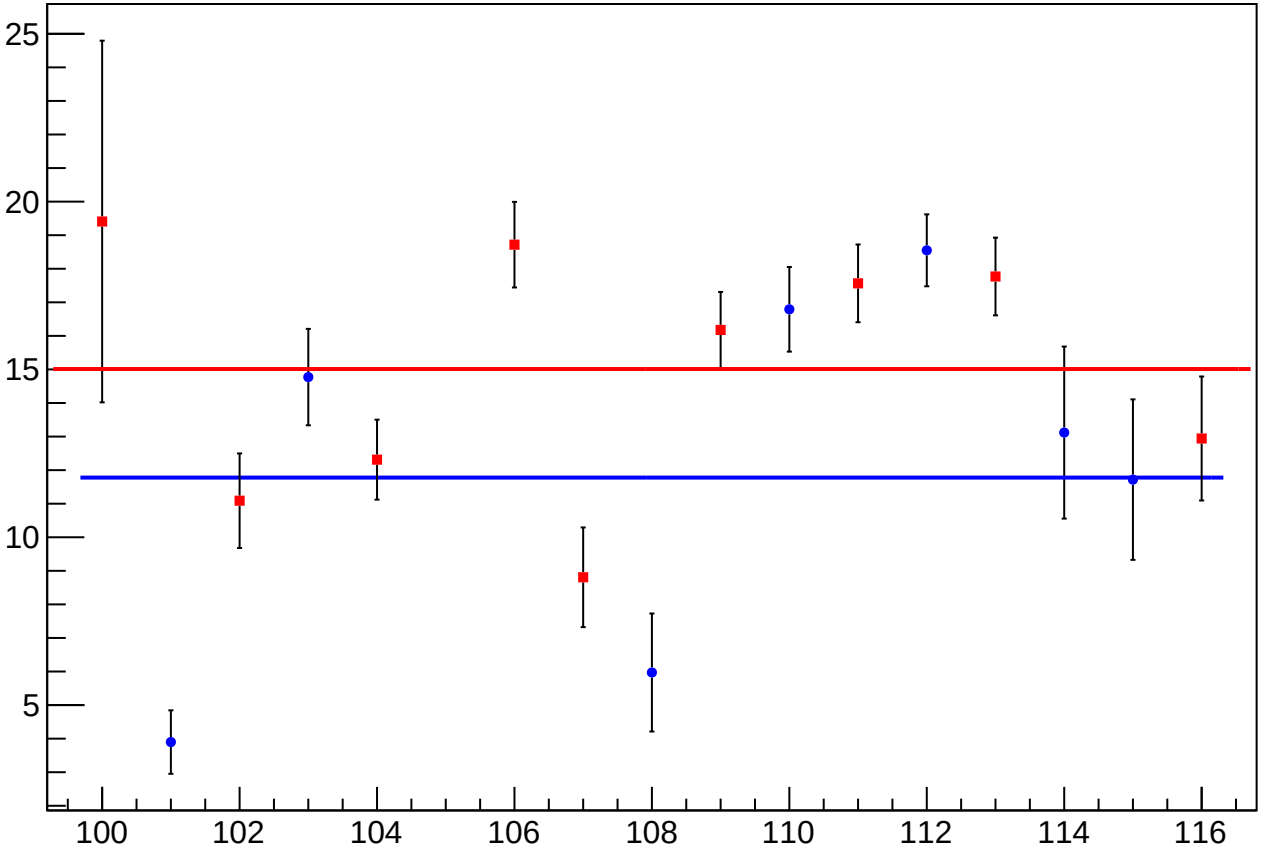
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -7.475+/-0.206 $\chi^2$/NDF: 147.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug




Right In: 11.778+/-0.516 $\chi^2$/NDF: 140.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 15.013+/-0.453 $\chi^2$/NDF: 52.3/8

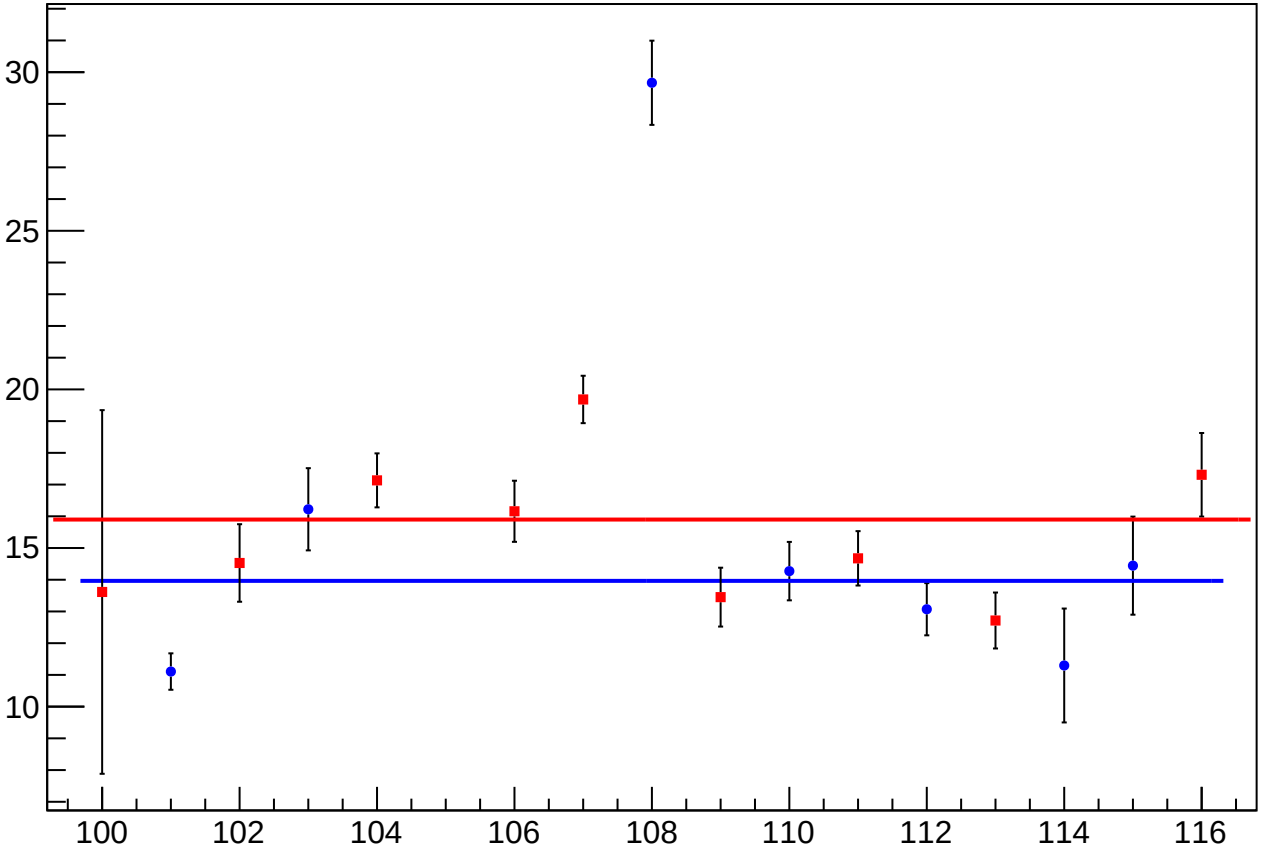
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 13.606+/-0.340 $\chi^2$/NDF: 215.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug




Right In: 13.964+/-0.363 $\chi^2$/NDF: 171.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 15.897+/-0.327 $\chi^2$/NDF: 52.4/8

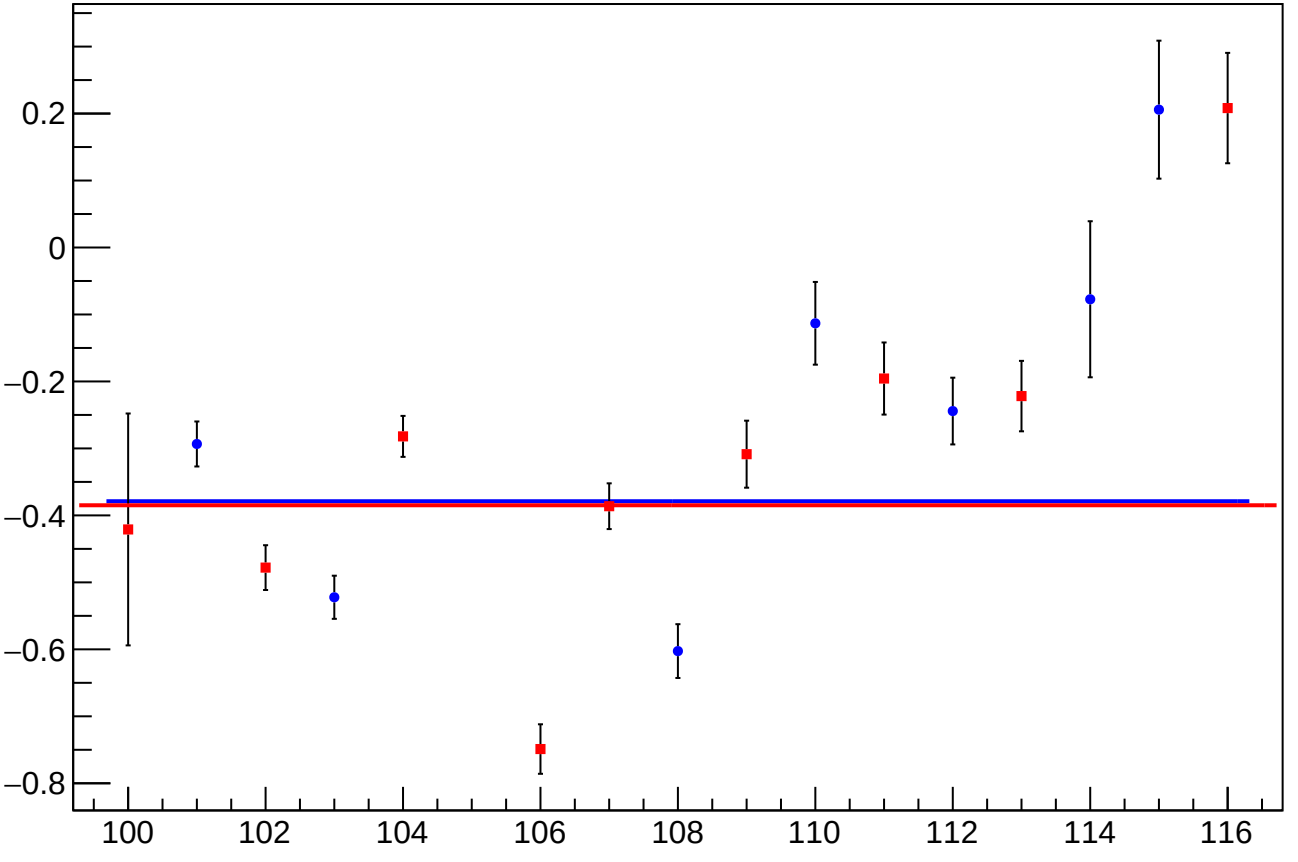
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 15.031+/-0.243 $\chi^2$/NDF: 239.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug




Right In: -0.379+/-0.017 $\chi^2$/NDF: 122.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.385+/-0.014 $\chi^2$/NDF: 192.1/8

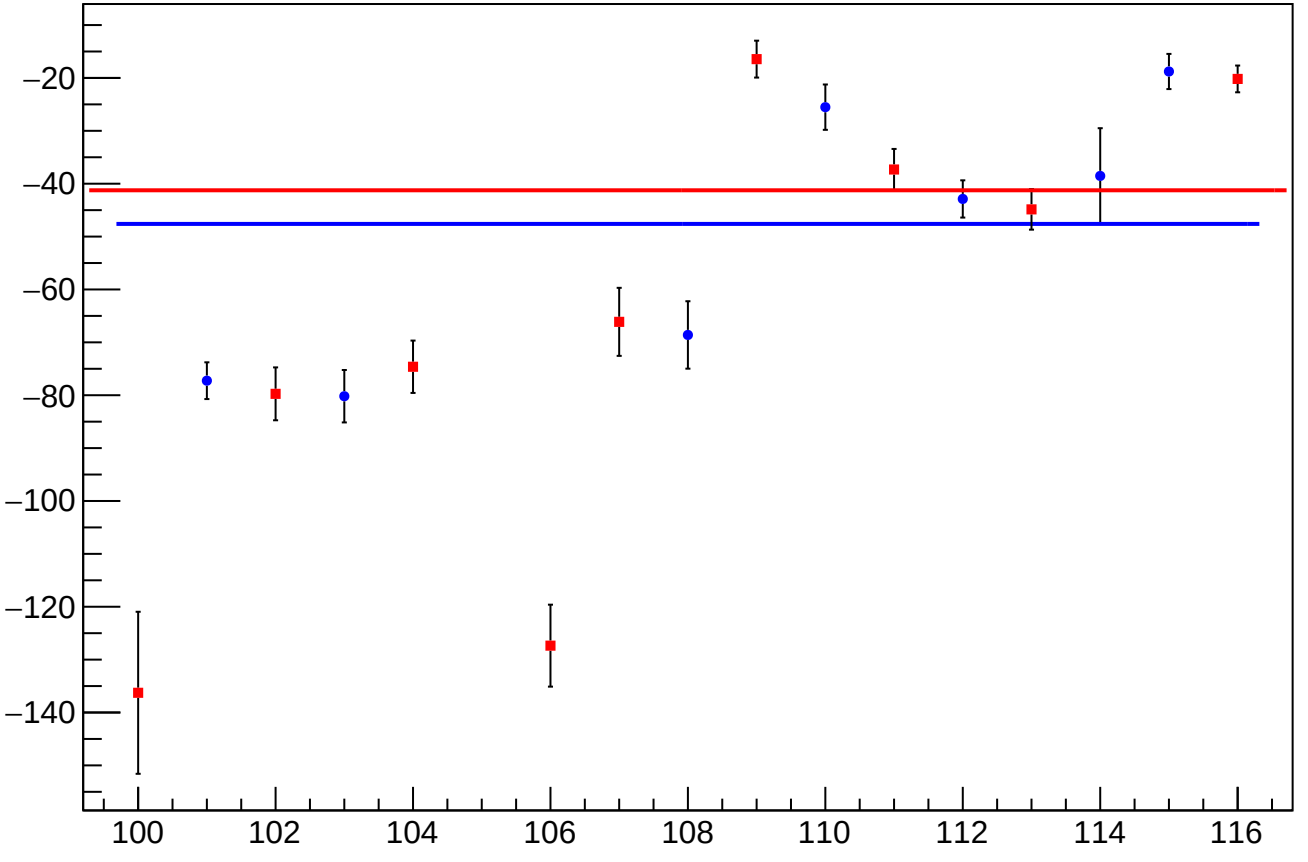
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.382+/-0.011 $\chi^2$/NDF: 314.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_avg_diff_bpm4aX_slope vs Slug




Right In: -47.605+/-1.610 $\chi^2$/NDF: 231.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -41.246+/-1.416 $\chi^2$/NDF: 403.4/8

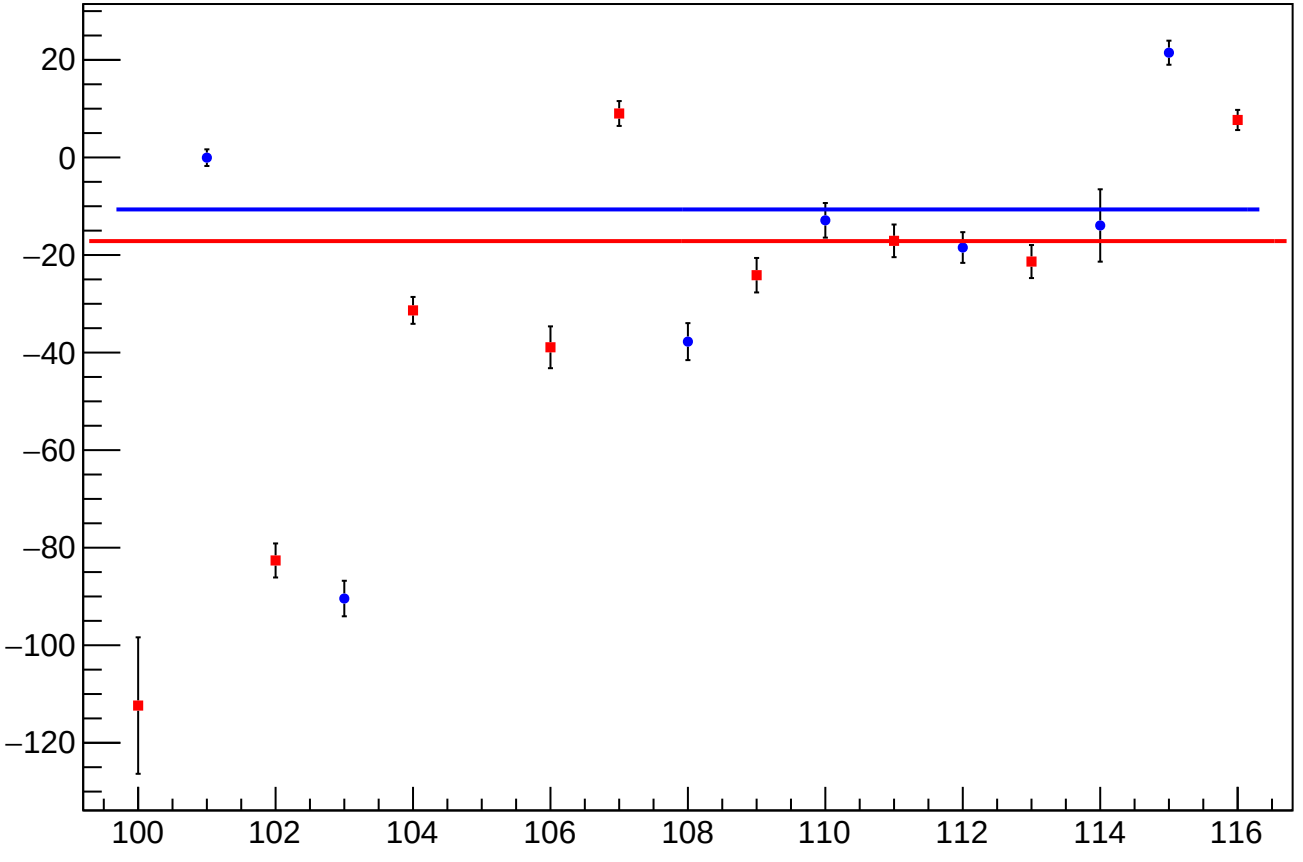
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -44.021+/-1.063 $\chi^2$/NDF: 643.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug




Right In: -10.657+/-1.084 $\chi^2$/NDF: 745.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

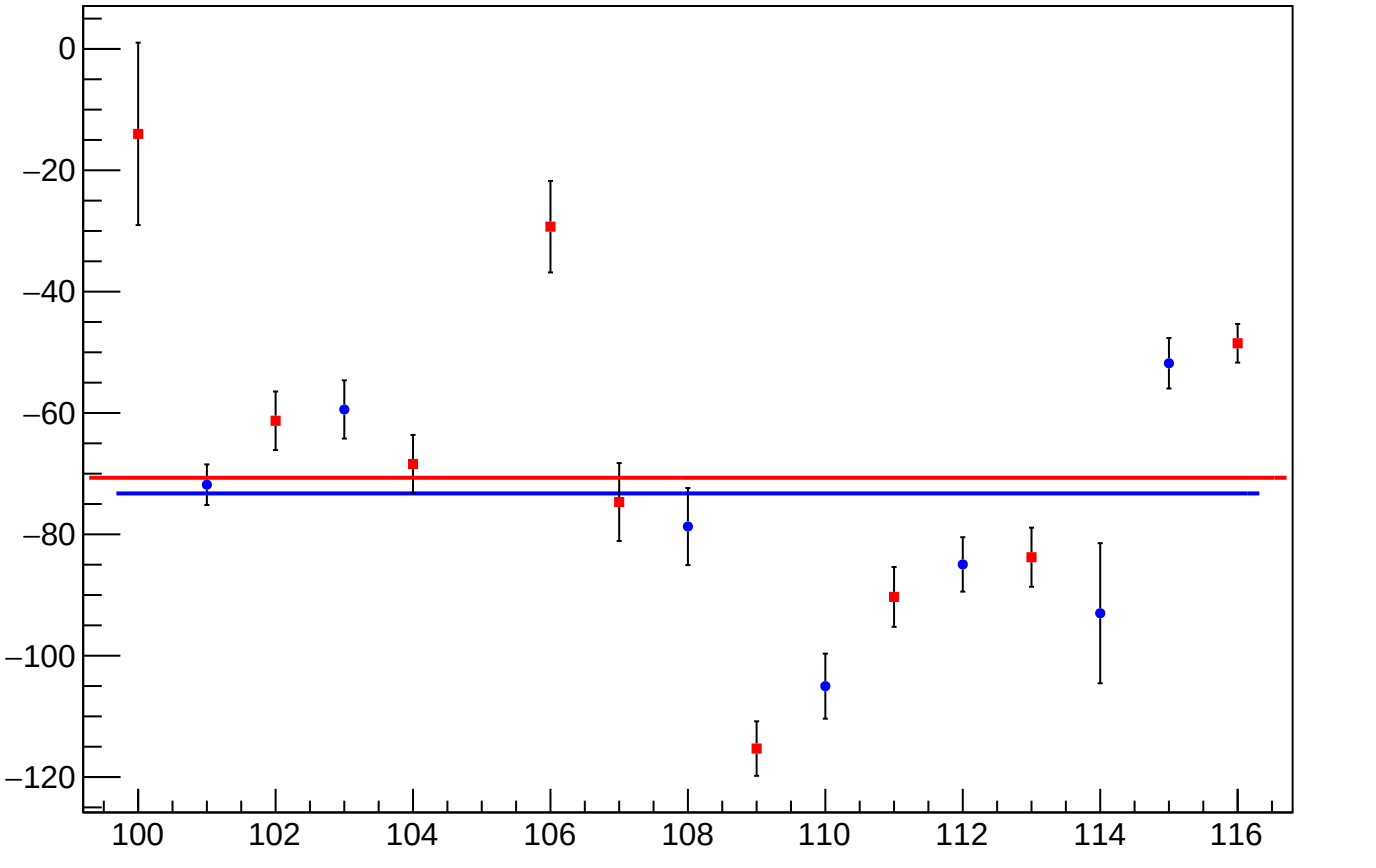
Right Out: -17.147+/-1.044 $\chi^2$/NDF: 705.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -14.023+/-0.752 $\chi^2$/NDF: 1469.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -73.257+/-1.804 $\chi^2$/NDF: 80.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -70.674+/-1.657 $\chi^2$/NDF: 219.1/8

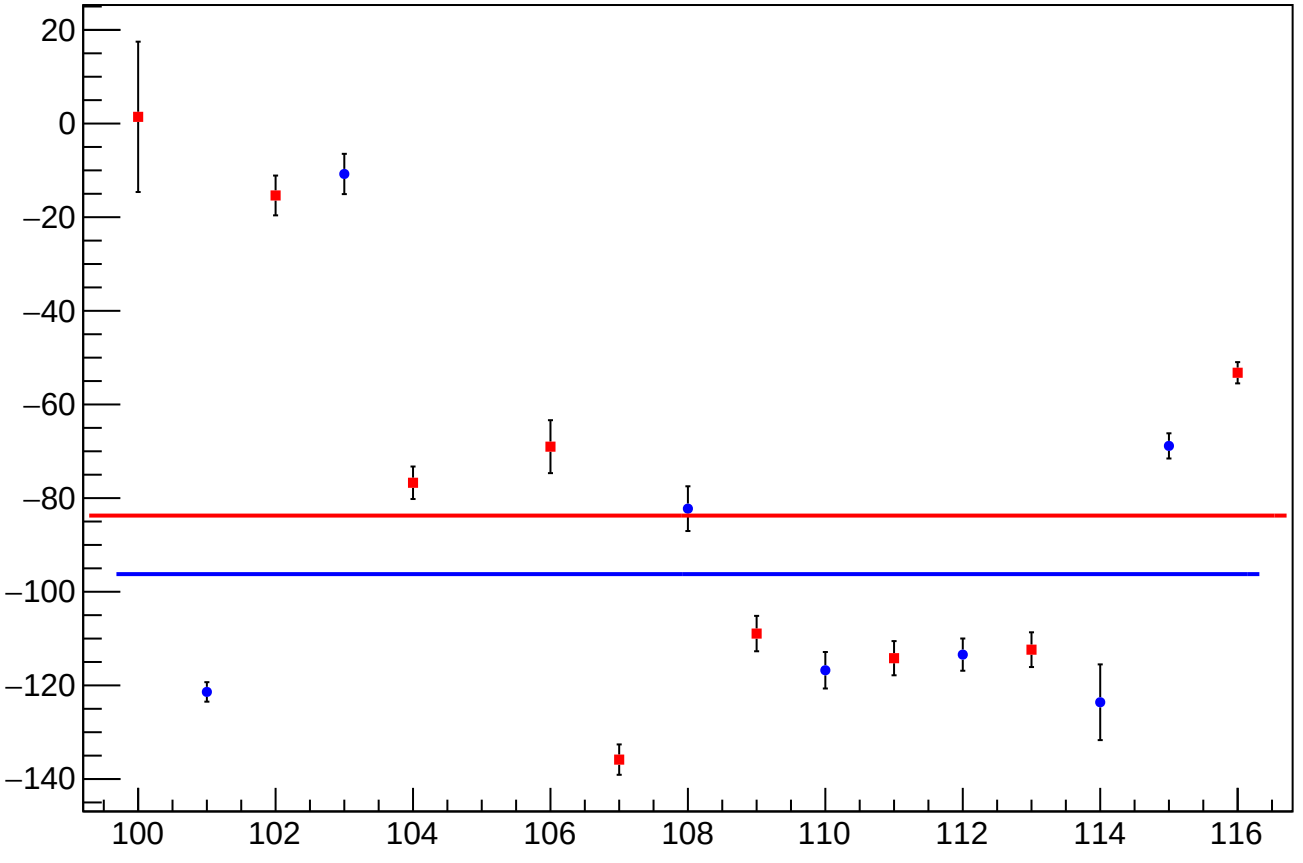
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -71.856+/-1.220 $\chi^2$/NDF: 300.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug




Right In: -96.233+/-1.258 $\chi^2$/NDF: 716.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -83.731+/-1.212 $\chi^2$/NDF: 910.2/8

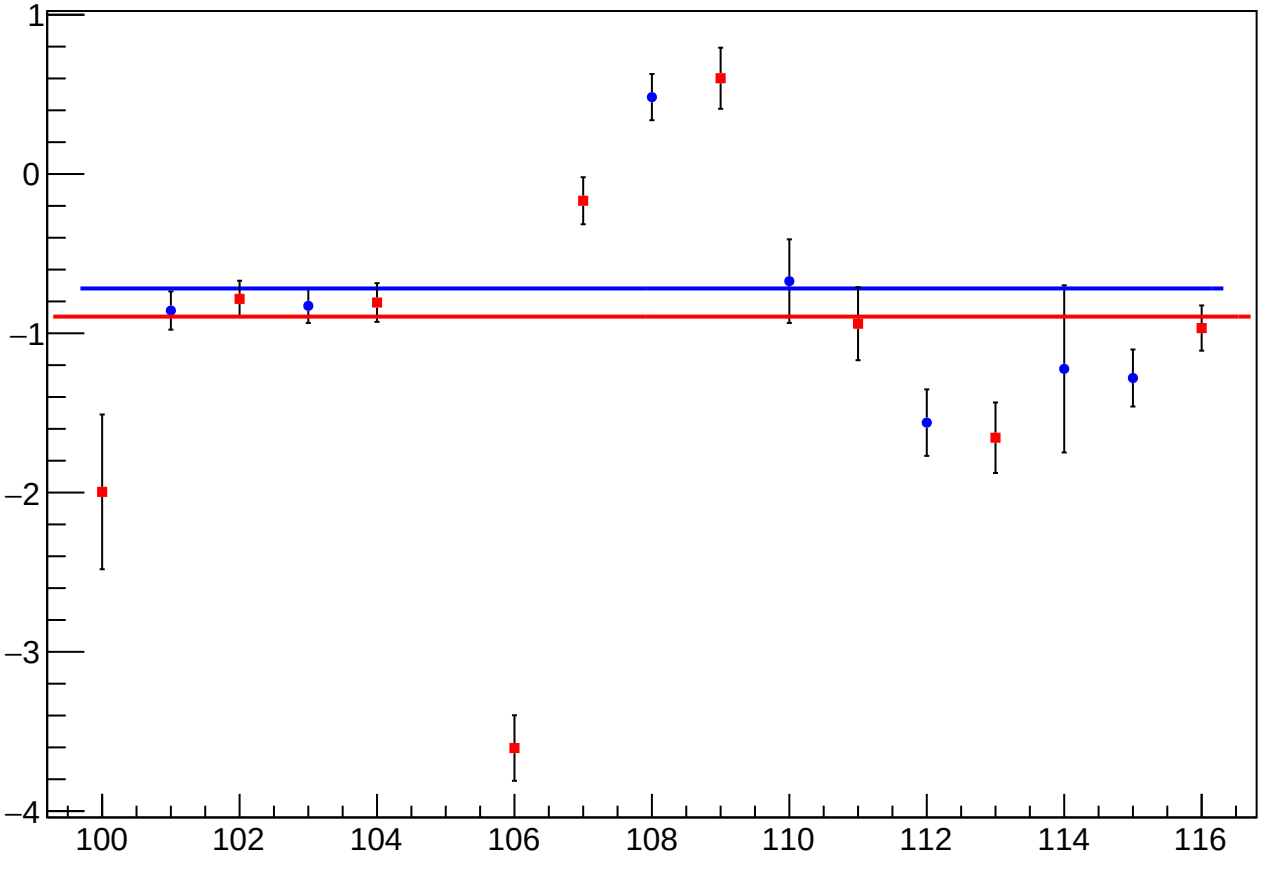
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -89.751+/-0.873 $\chi^2$/NDF: 1678.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug




Right In: -0.719+/-0.060 $\chi^2$/NDF: 98.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.895+/-0.055 $\chi^2$/NDF: 277.1/8

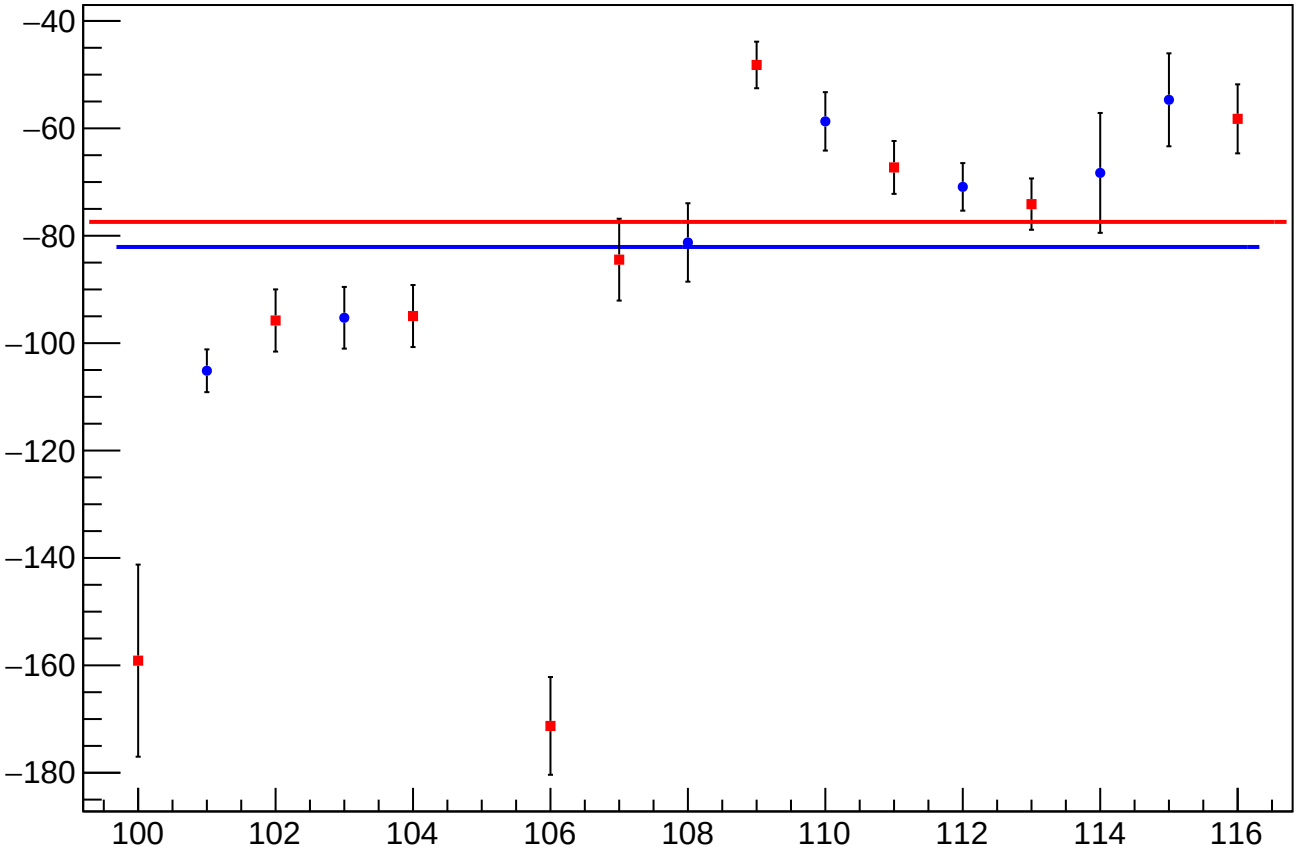
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.815+/-0.040 $\chi^2$/NDF: 380.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_dd_diff_bpm4aX_slope vs Slug




Right In: -82.090+/-2.141 $\chi^2$/NDF: 75.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -77.419+/-1.982 $\chi^2$/NDF: 206.4/8

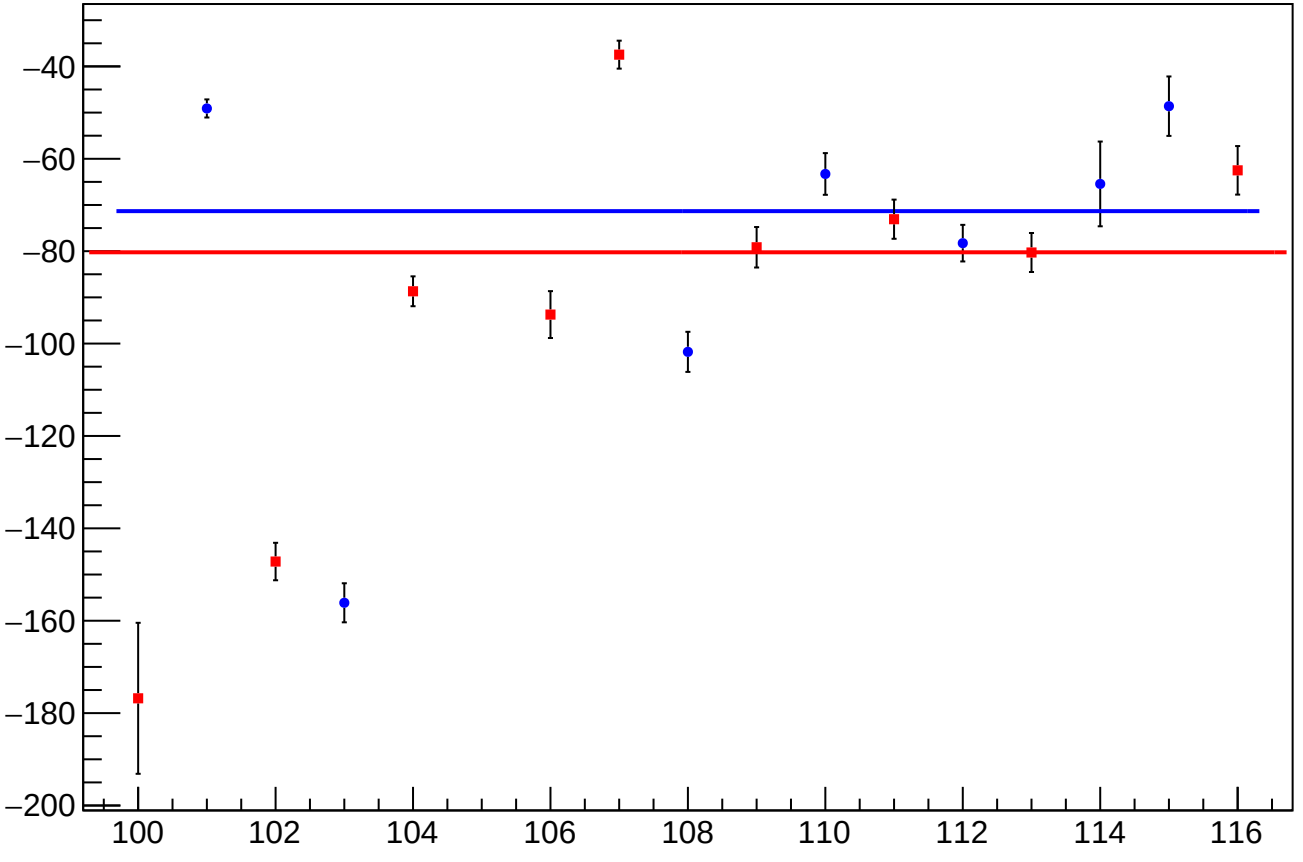
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -79.575+/-1.454 $\chi^2$/NDF: 284.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug




Right In: -71.331+/-1.389 $\chi^2$/NDF: 599.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

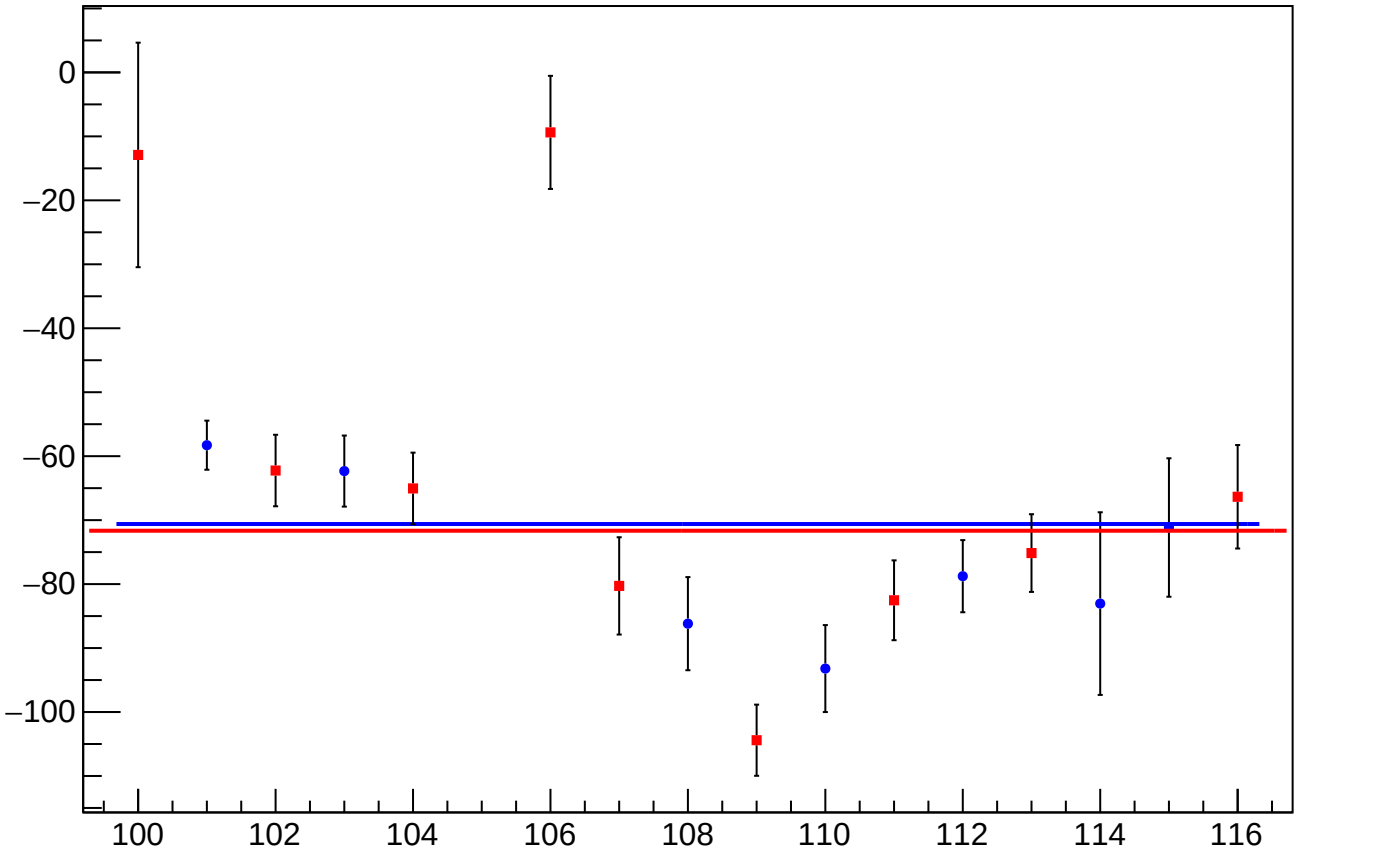
Right Out: -80.241+/-1.403 $\chi^2$/NDF: 535.3/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -75.742+/-0.987 $\chi^2$/NDF: 1155.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -70.607+/-2.321 $\chi^2$/NDF: 31.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -71.656+/-2.249 $\chi^2$/NDF: 104.8/8

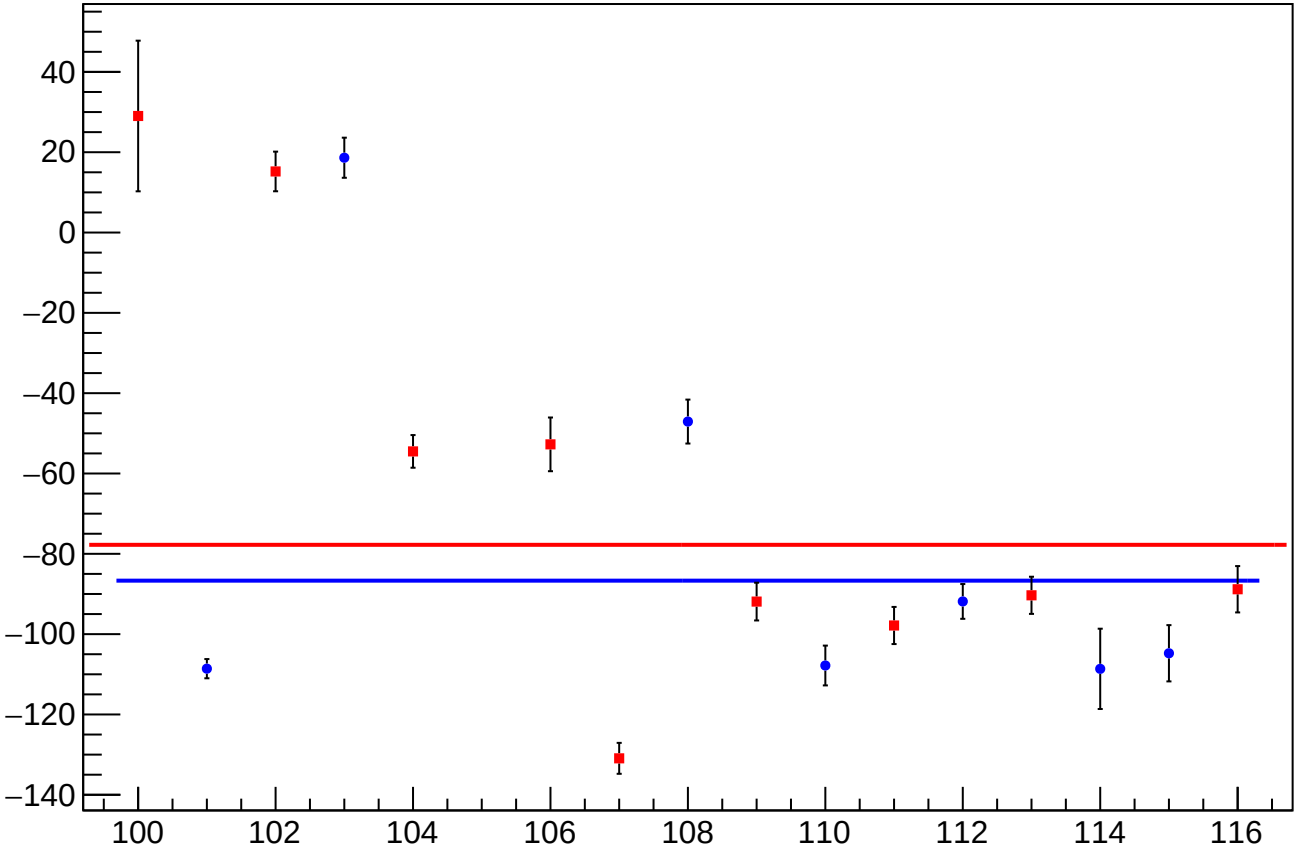
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -71.148+/-1.615 $\chi^2$/NDF: 135.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug




Right In: -86.681+/-1.638 $\chi^2$/NDF: 612.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -77.759+/-1.660 $\chi^2$/NDF: 663.5/8

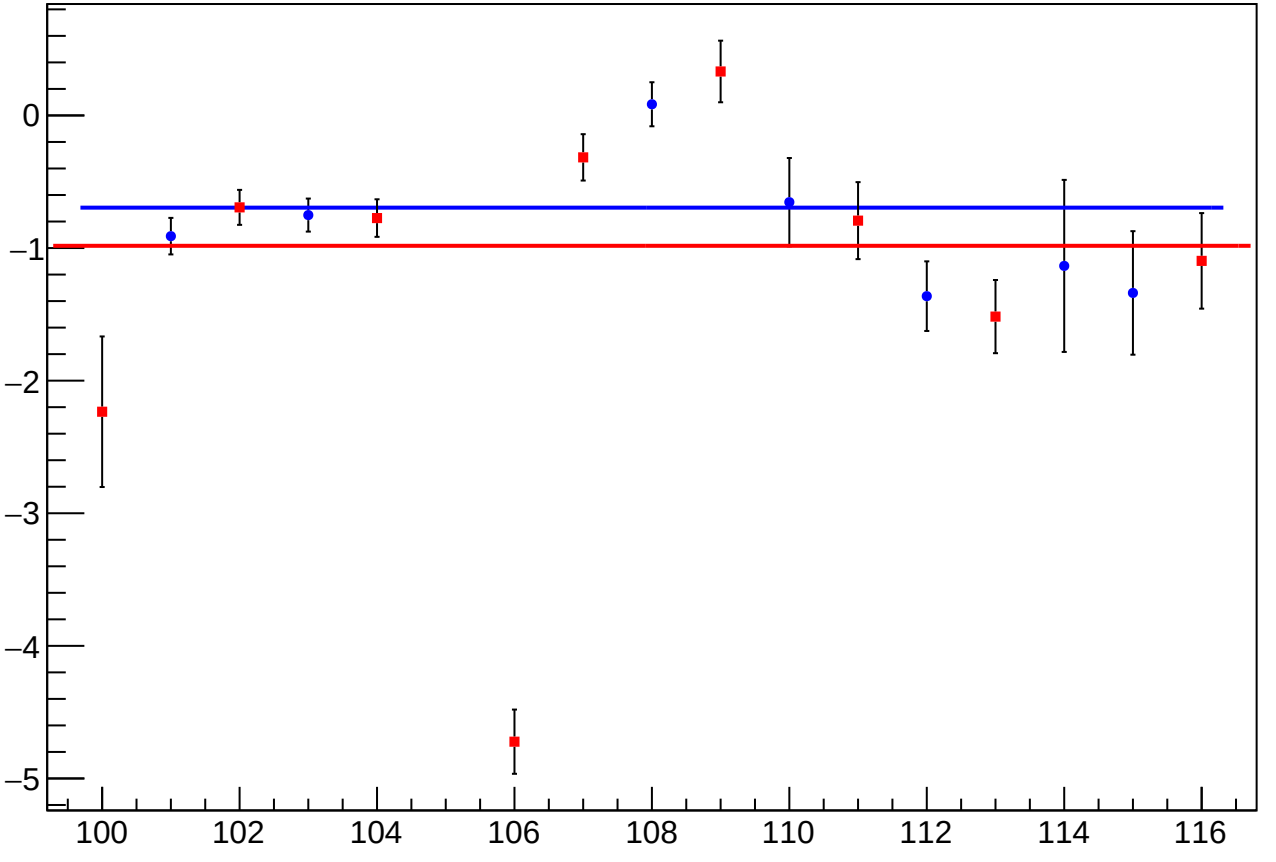
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -82.278+/-1.166 $\chi^2$/NDF: 1290.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug




Right In: -0.695+/-0.074 $\chi^2$/NDF: 33.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.983+/-0.069 $\chi^2$/NDF: 301.2/8

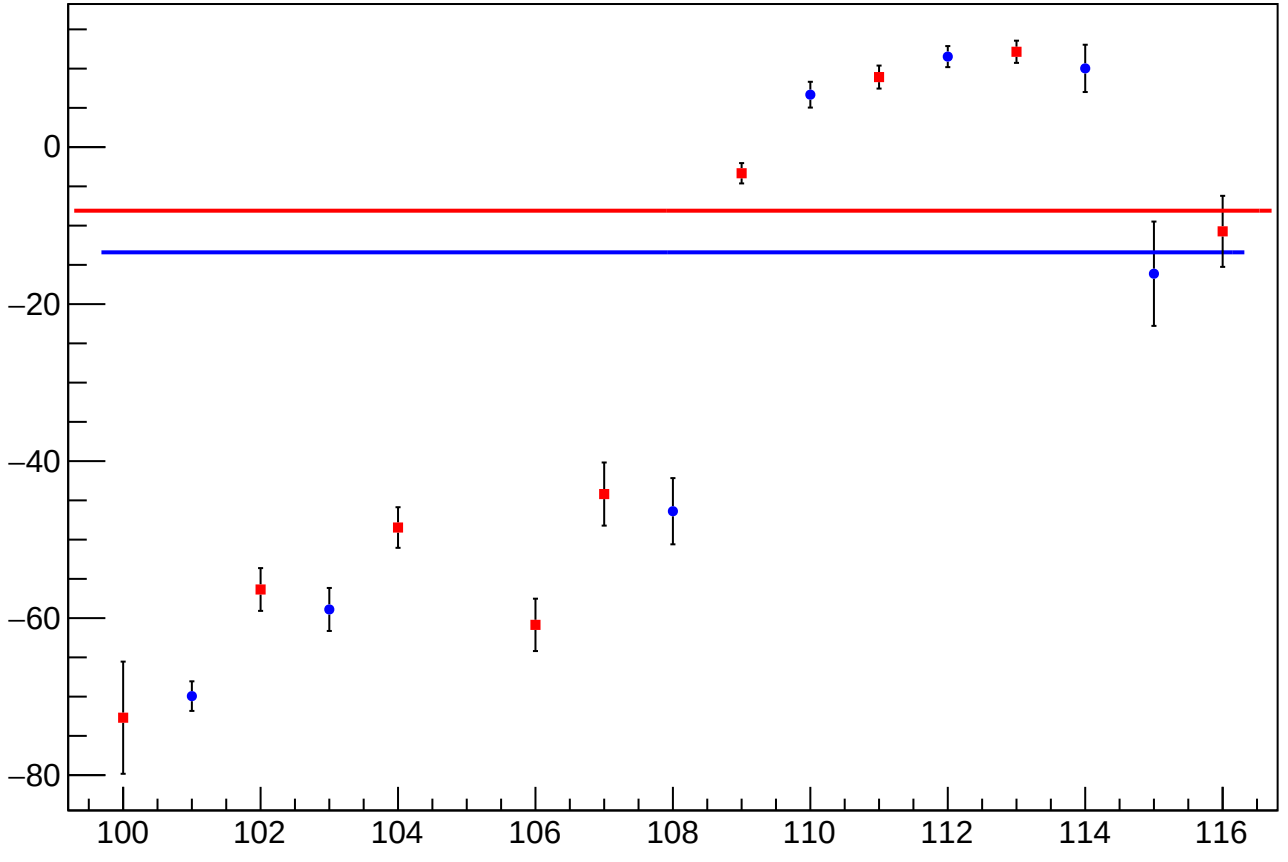
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.849+/-0.050 $\chi^2$/NDF: 342.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_avg_diff_bpm4aX_slope vs Slug




Right In: -13.403+/-0.808 $\chi^2$/NDF: 1791.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -8.099+/-0.696 $\chi^2$/NDF: 1322.9/8

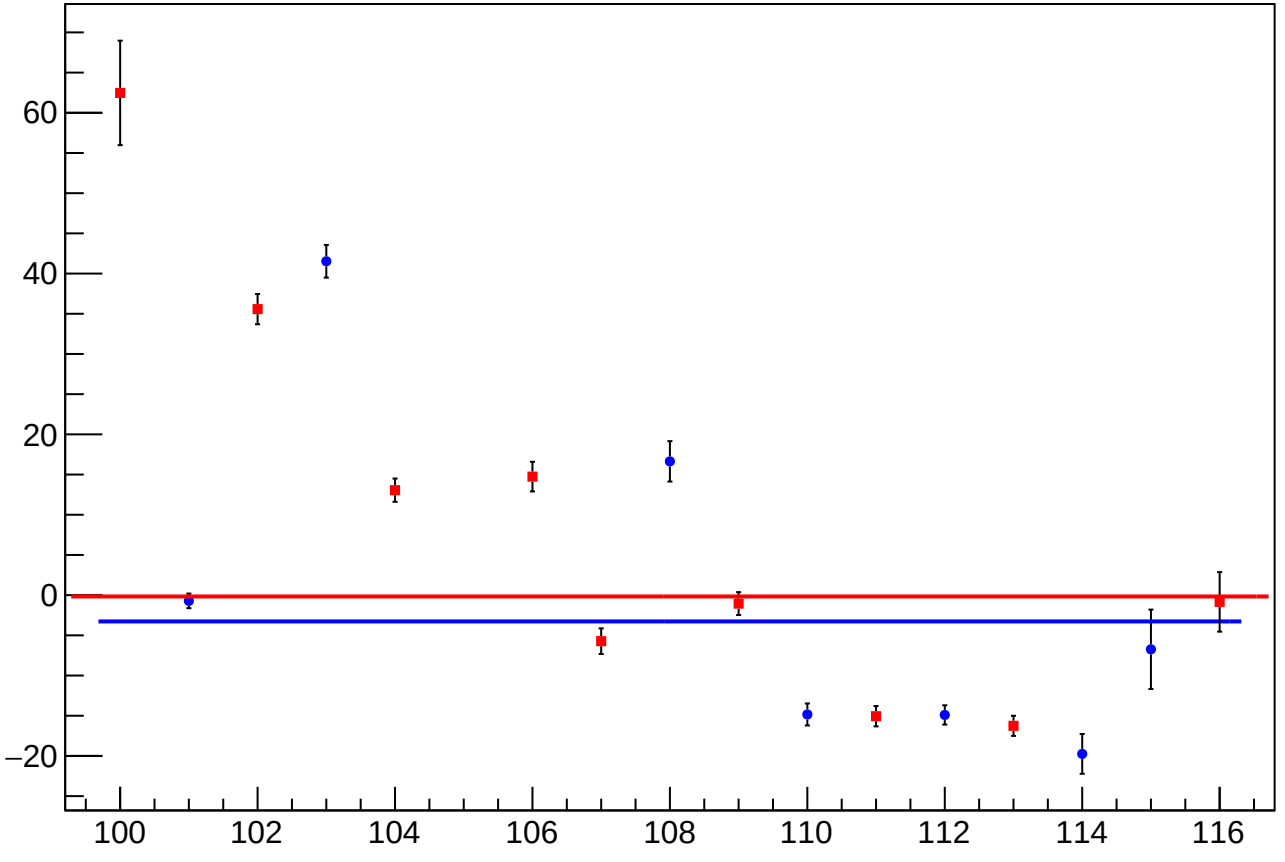
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -10.355+/-0.527 $\chi^2$/NDF: 3139.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug




Right In: -3.271+/-0.573 $\chi^2$/NDF: 767.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.166+/-0.550 $\chi^2$/NDF: 920.6/8

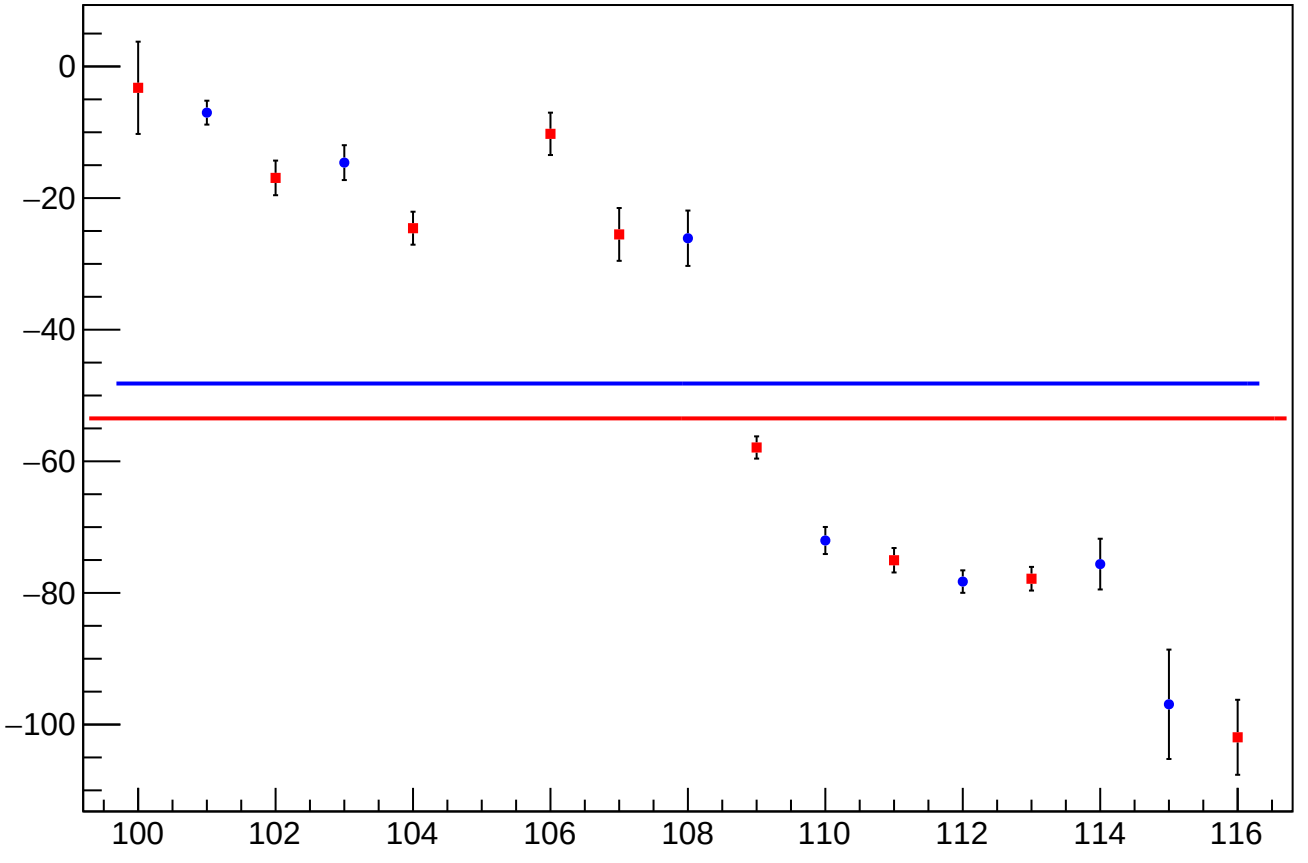
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.654+/-0.397 $\chi^2$/NDF: 1702.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug




Right In: -48.179+/-0.927 $\chi^2$/NDF: 1231.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -53.479+/-0.827 $\chi^2$/NDF: 1003.5/8

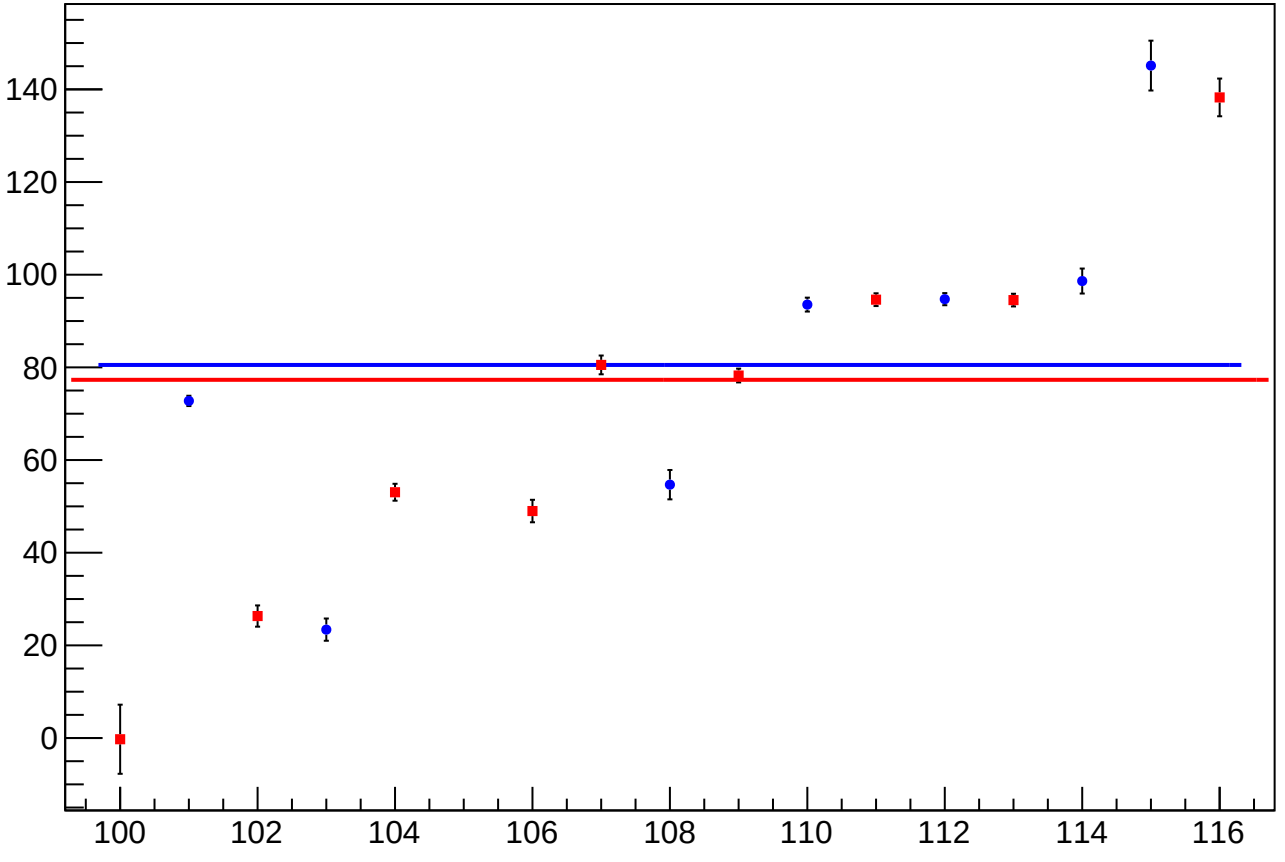
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -51.131+/-0.617 $\chi^2$/NDF: 2253.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug




Right In: 80.522+/-0.662 $\chi^2$/NDF: 1063.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

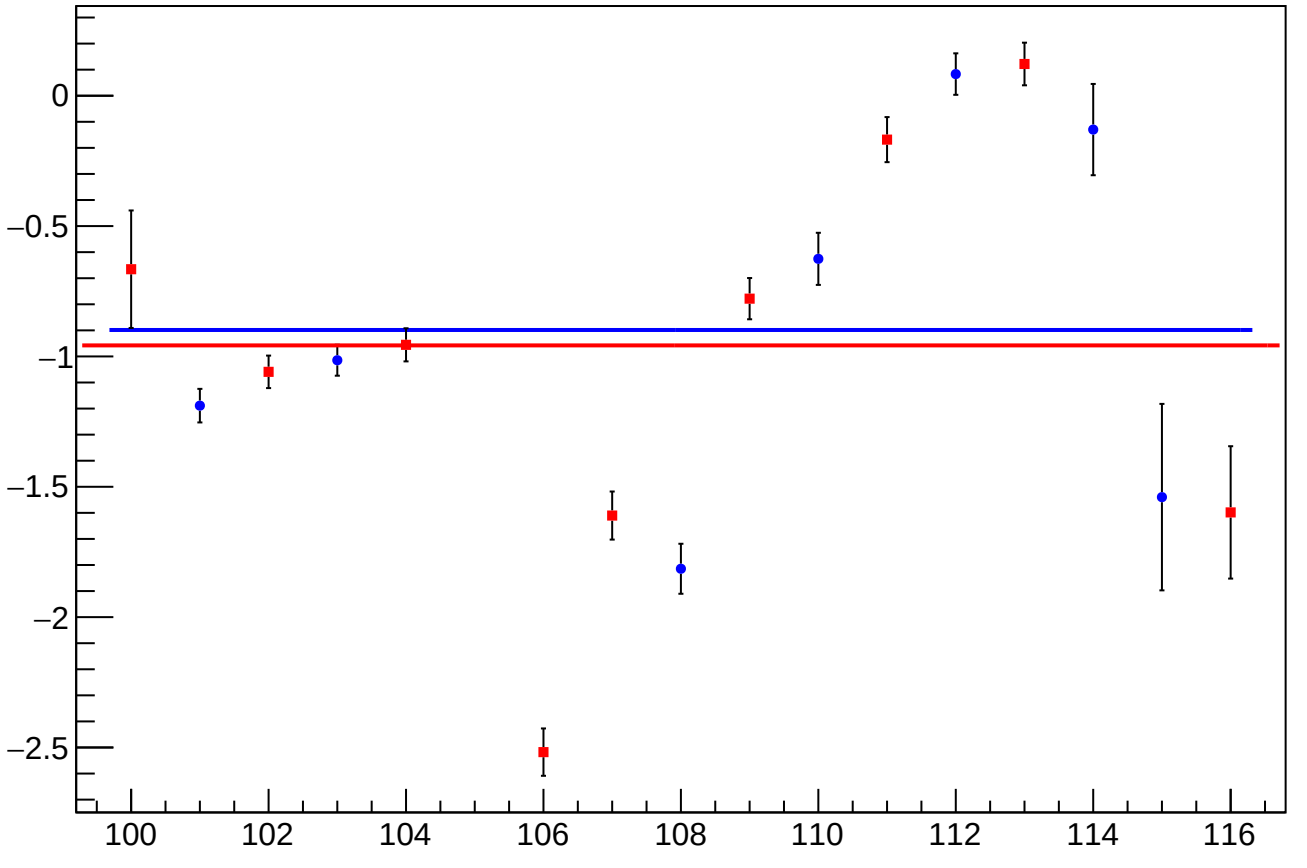
Right Out: 77.314+/-0.633 $\chi^2$/NDF: 1458.2/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 78.845+/-0.458 $\chi^2$/NDF: 2534.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -0.899+/-0.033 $\chi^2$/NDF: 297.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.958+/-0.029 $\chi^2$/NDF: 618.7/8

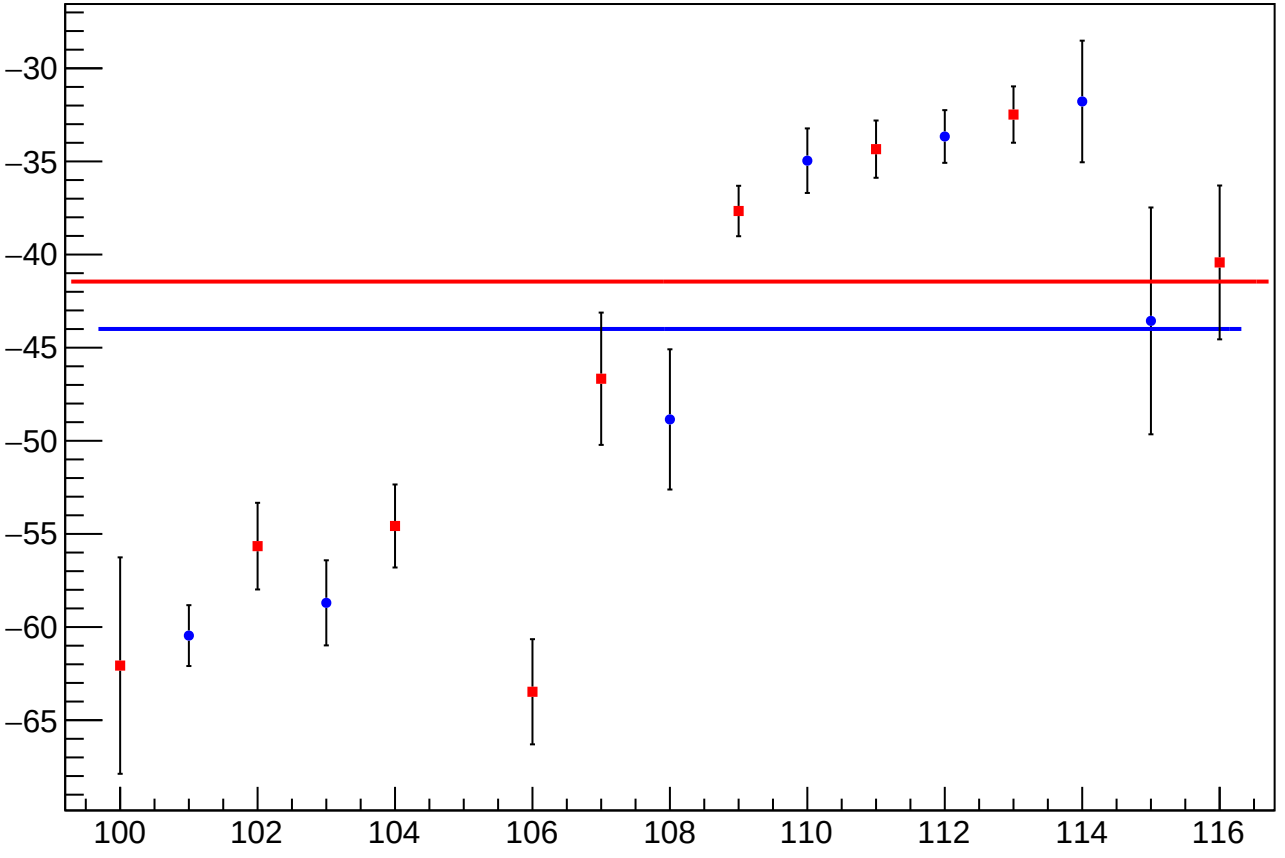
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.932+/-0.022 $\chi^2$/NDF: 918.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_dd_diff_bpm4aX_slope vs Slug




Right In: -43.995+/-0.793 $\chi^2$/NDF: 239.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -41.451+/-0.693 $\chi^2$/NDF: 211.9/8

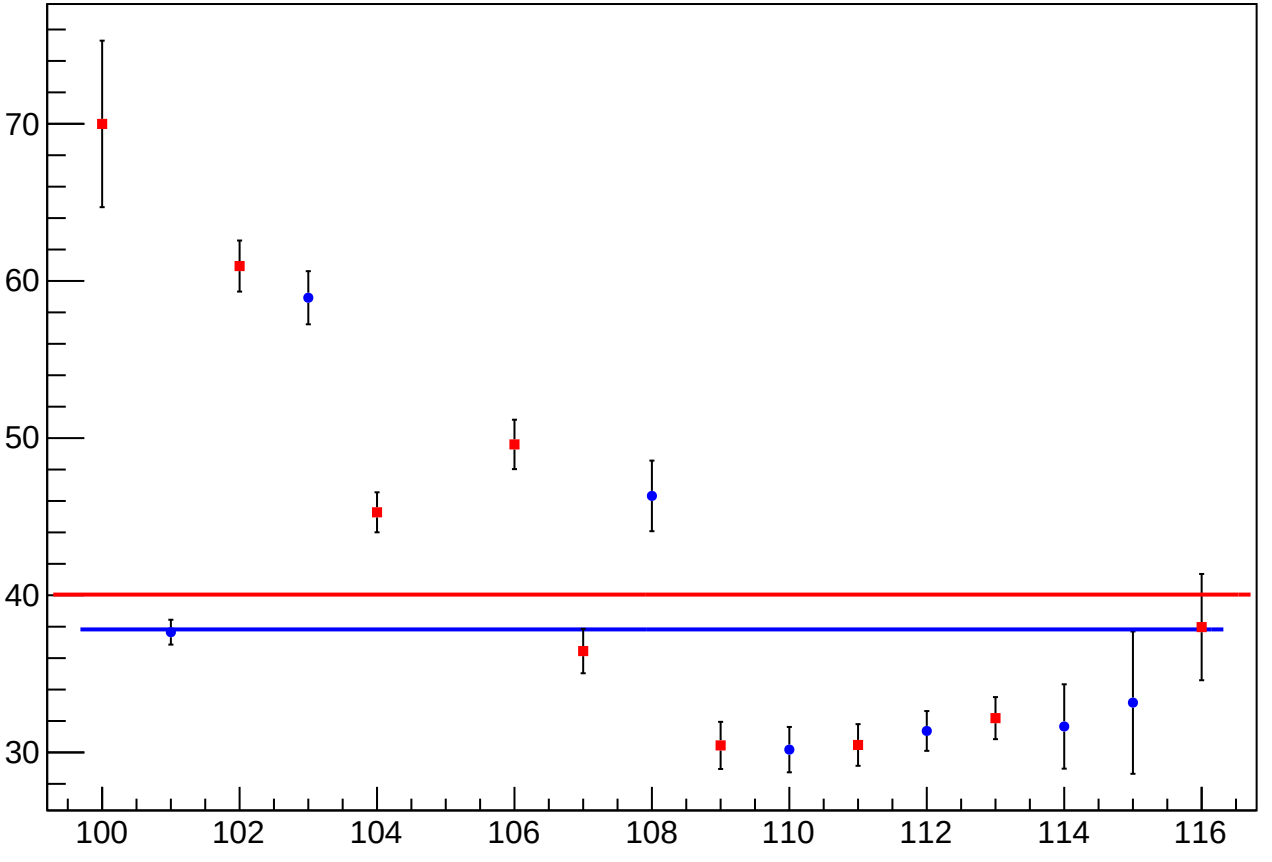
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -42.552+/-0.522 $\chi^2$/NDF: 457.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug




Right In: 37.827+/-0.539 $\chi^2$/NDF: 230.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 40.043+/-0.527 $\chi^2$/NDF: 385.8/8

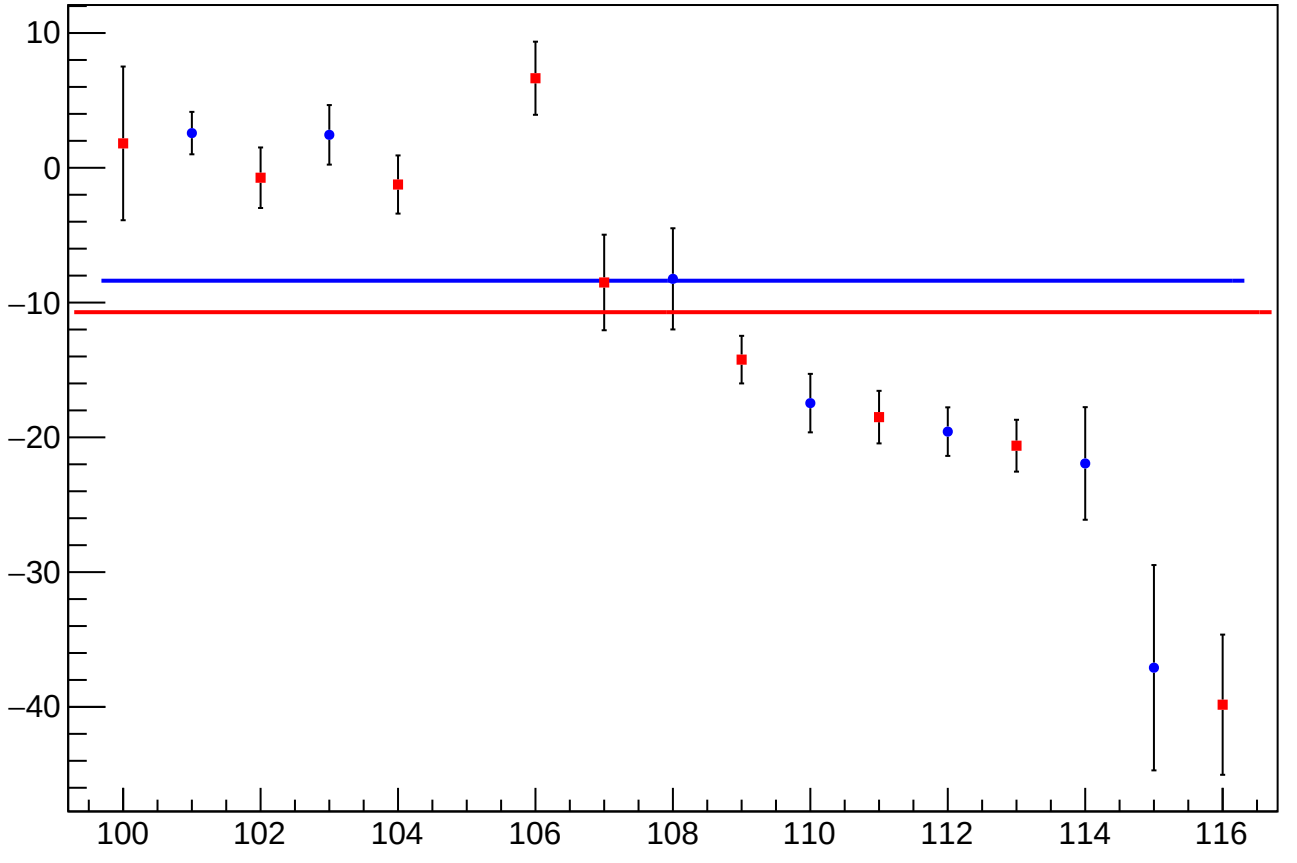
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 38.960+/-0.377 $\chi^2$/NDF: 625.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug




Right In: -8.378+/-0.886 $\chi^2$/NDF: 153.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -10.713+/-0.803 $\chi^2$/NDF: 162.9/8

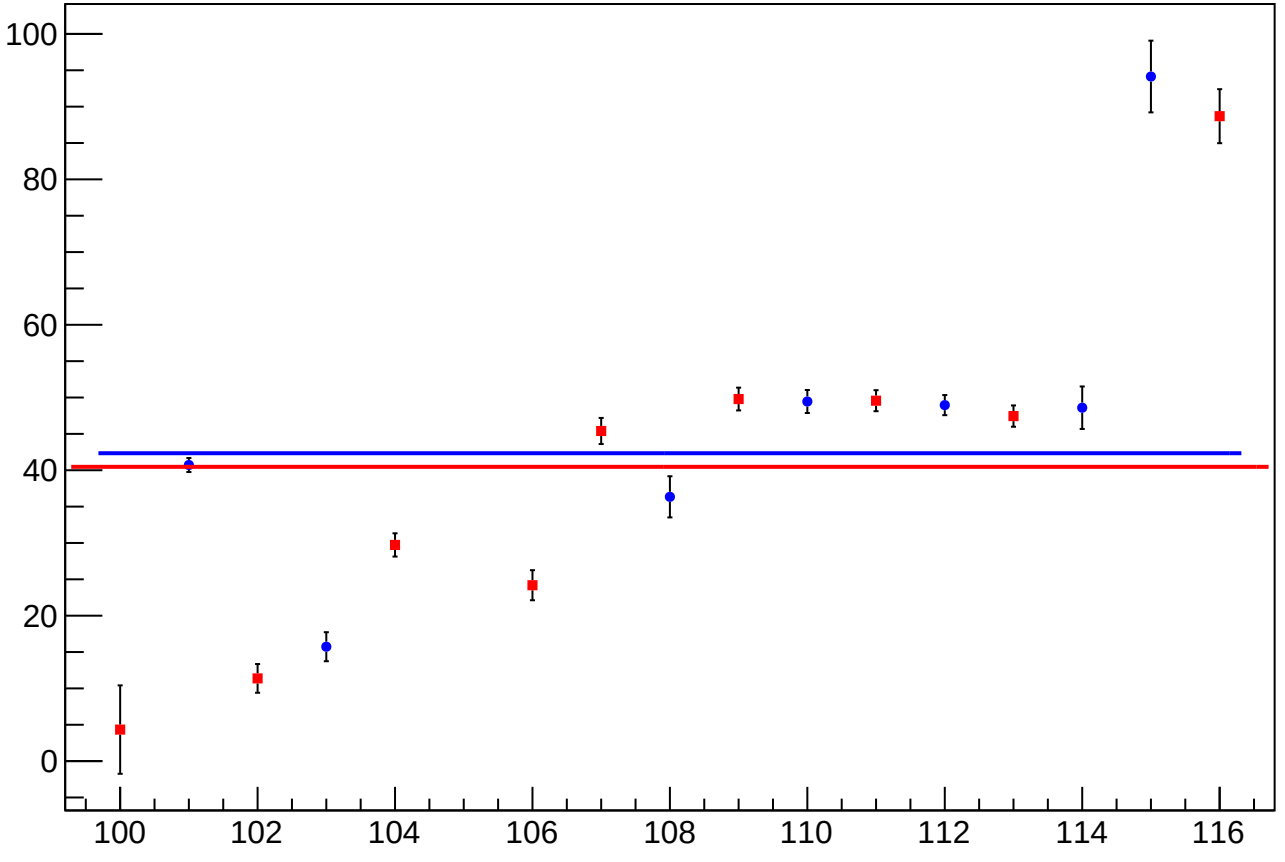
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -9.660+/-0.595 $\chi^2$/NDF: 320.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug




Right In: 42.341+/-0.629 $\chi^2$/NDF: 343.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 40.469+/-0.615 $\chi^2$/NDF: 632.9/8

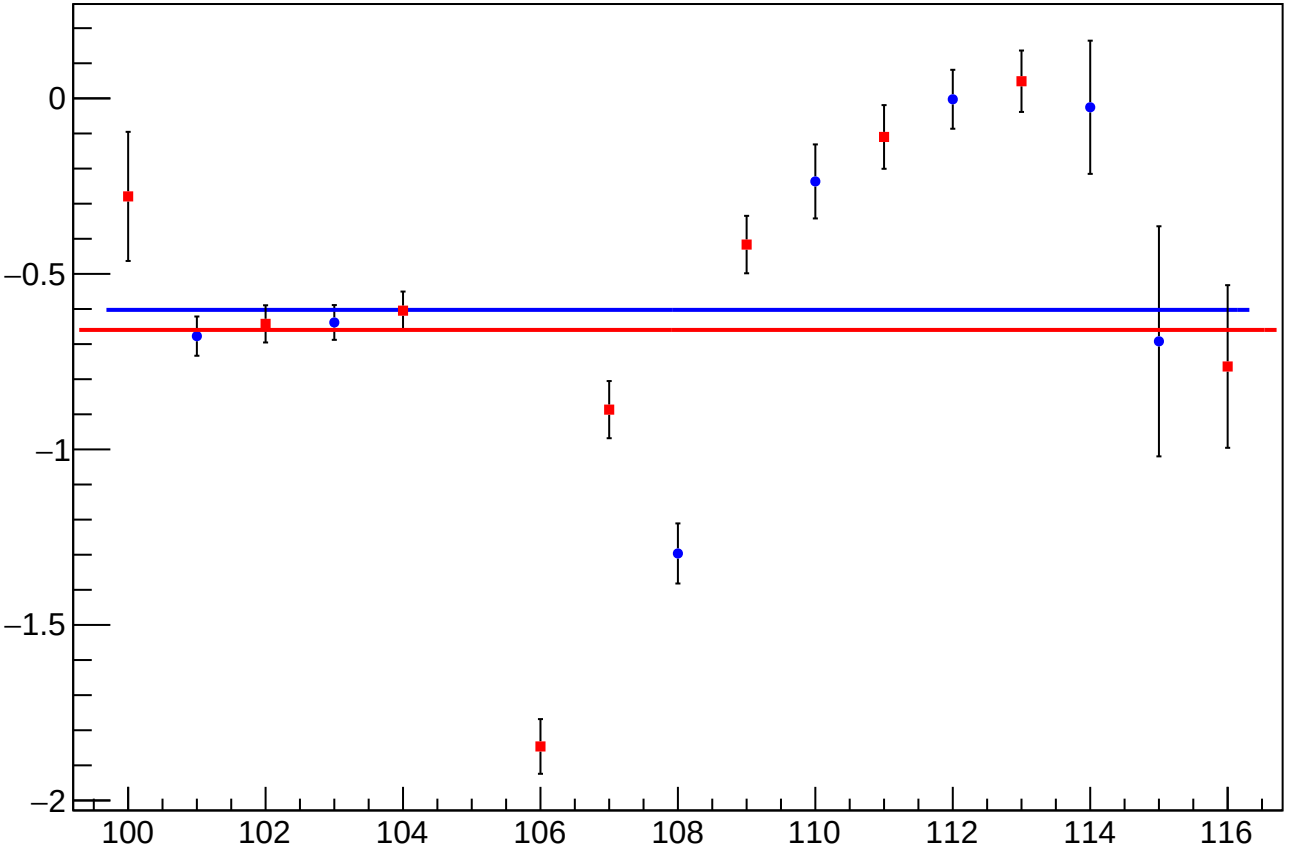
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 41.384+/-0.440 $\chi^2$/NDF: 980.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug




Right In: -0.603+/-0.030 $\chi^2$/NDF: 140.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.660+/-0.026 $\chi^2$/NDF: 356.5/8

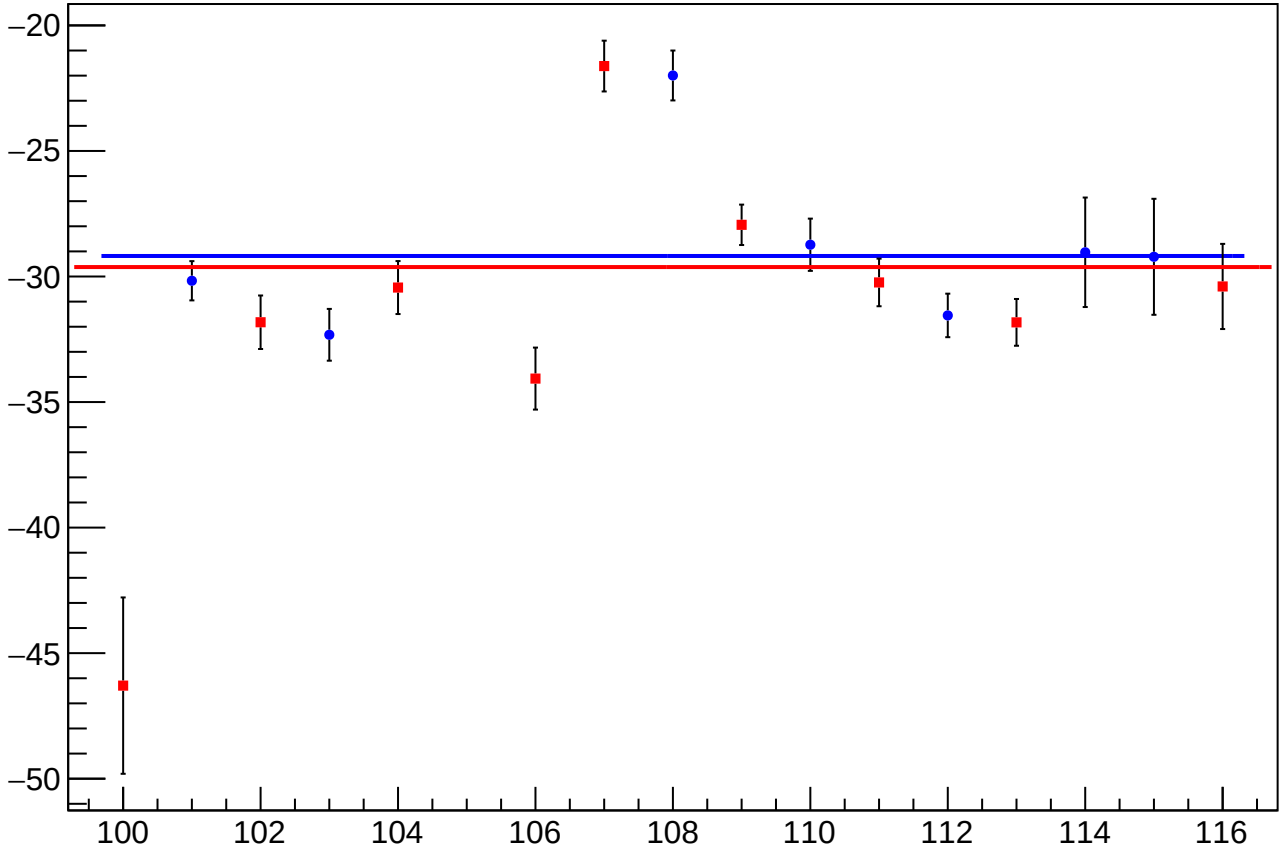
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.635+/-0.020 $\chi^2$/NDF: 499.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_13_57_dd_diff_bpm4aX_slope vs Slug




Right In: -29.183+/-0.400 $\chi^2$/NDF: 70.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

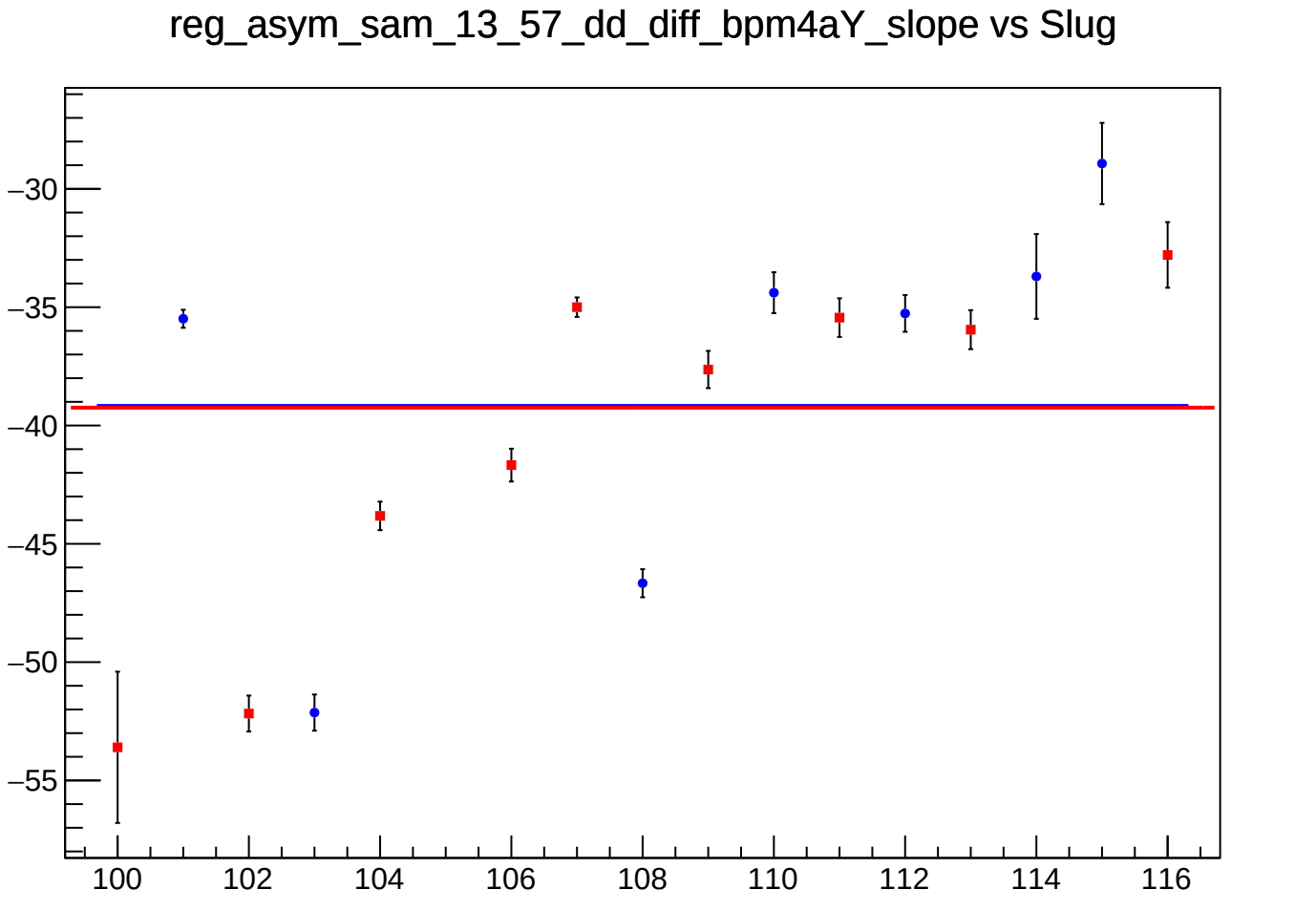
Right Out: -29.624+/-0.362 $\chi^2$/NDF: 113.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -29.425+/-0.268 $\chi^2$/NDF: 185.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -39.172+/-0.257 $\chi^2$/NDF: 642.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -39.244+/-0.238 $\chi^2$/NDF: 550.3/8

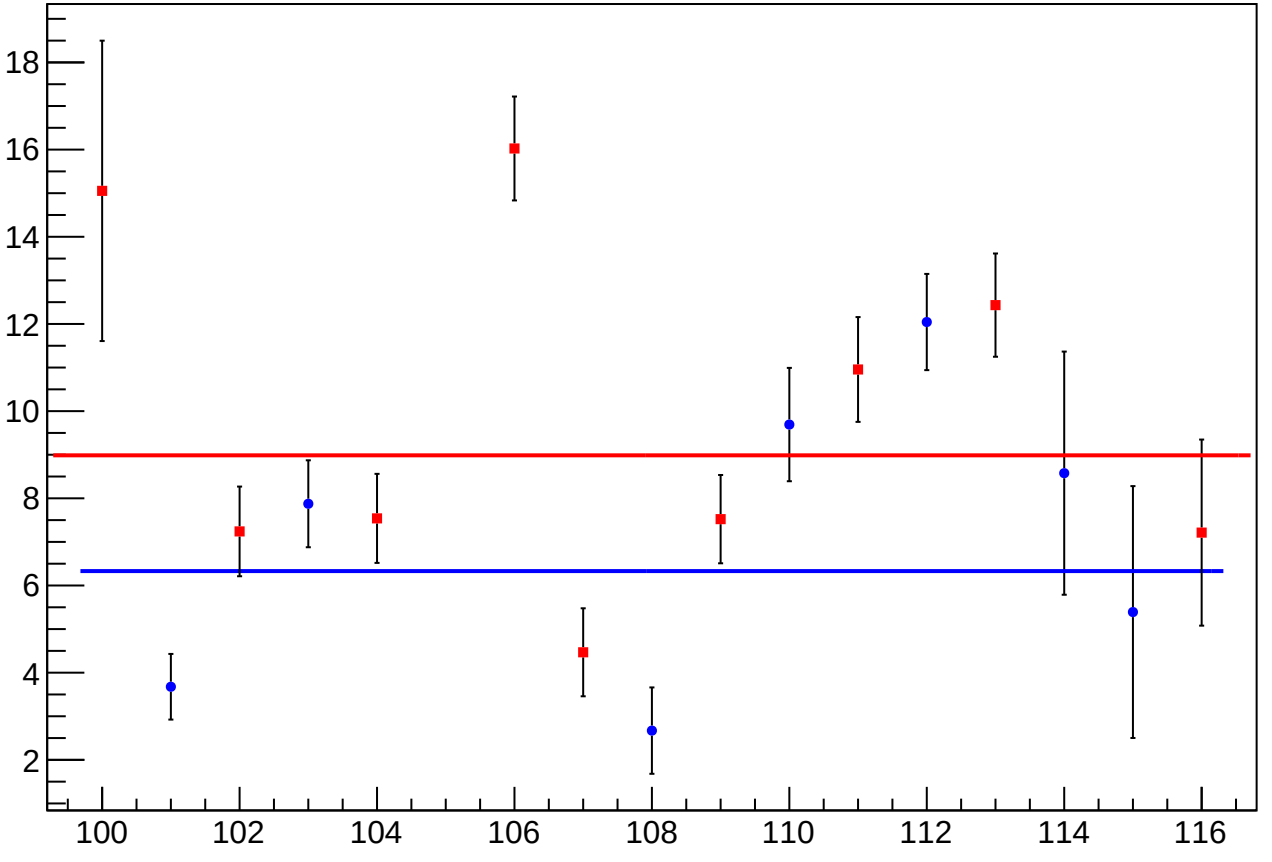
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -39.211+/-0.175 $\chi^2$/NDF: 1192.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug




Right In: 6.331+/-0.428 $\chi^2$/NDF: 62.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

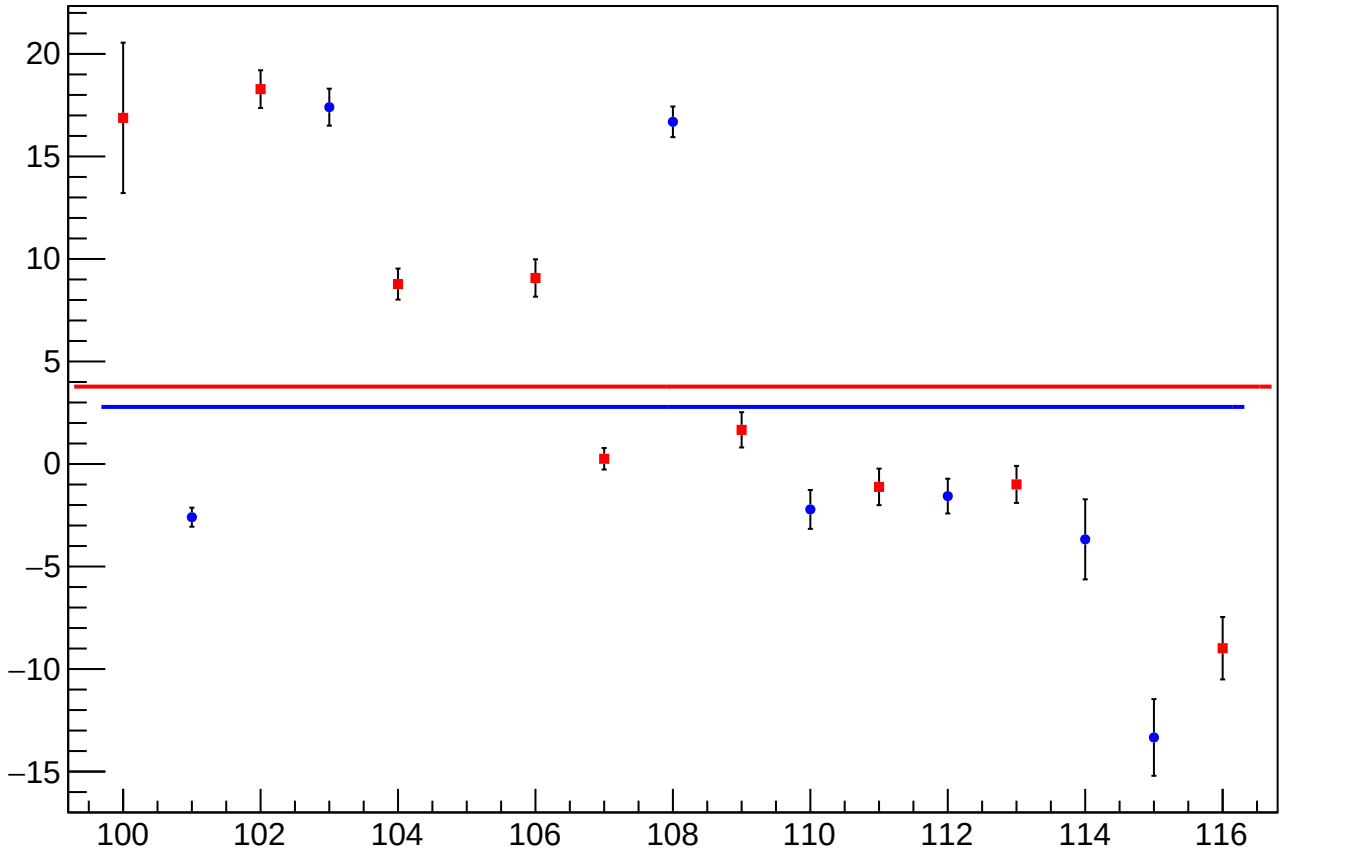
Right Out: 8.986+/-0.399 $\chi^2$/NDF: 76.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 7.752+/-0.292 $\chi^2$/NDF: 160.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 2.784+/-0.306 $\chi^2$/NDF: 882.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 3.775+/-0.287 $\chi^2$/NDF: 518.6/8

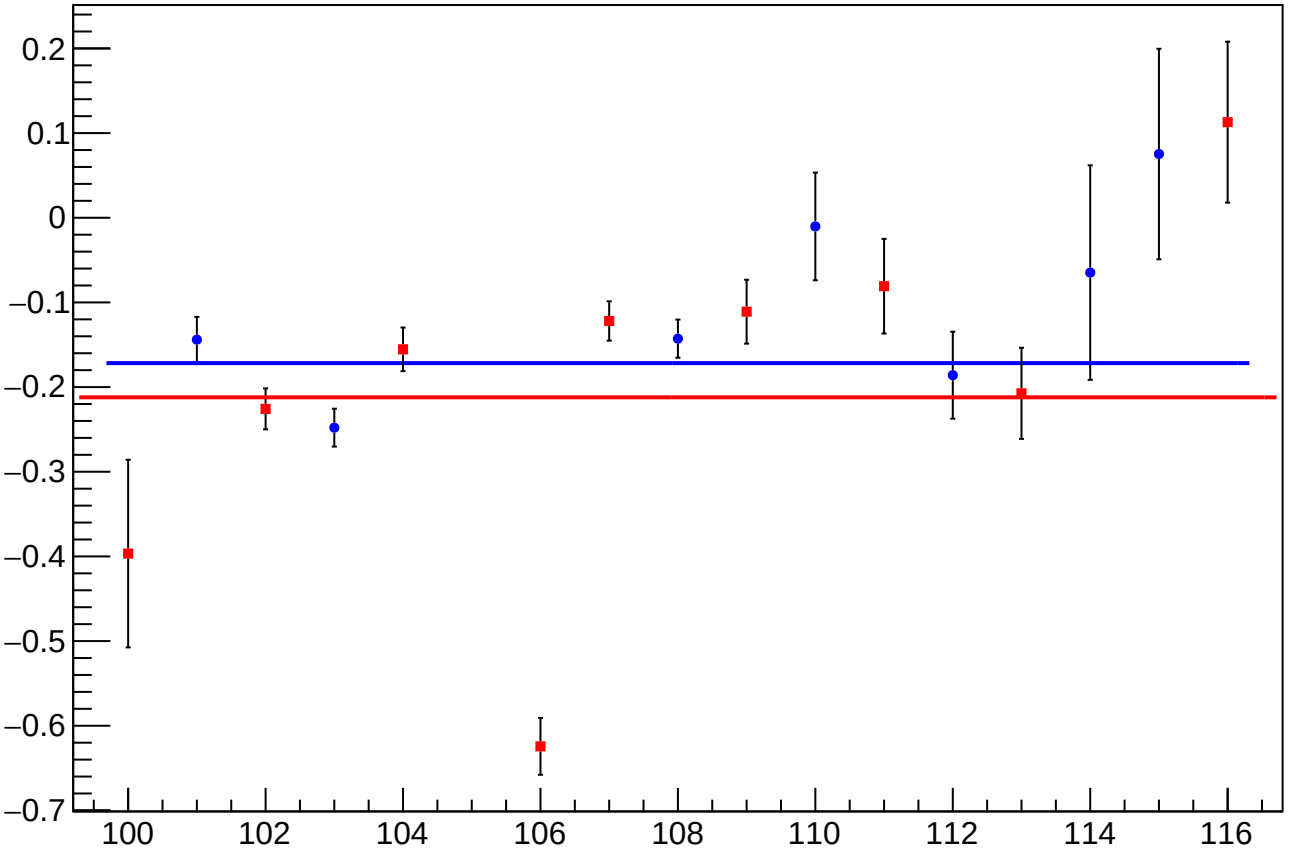
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3.311+/-0.209 $\chi^2$/NDF: 1406.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug




Right In: -0.172+/-0.013 $\chi^2$/NDF: 25.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

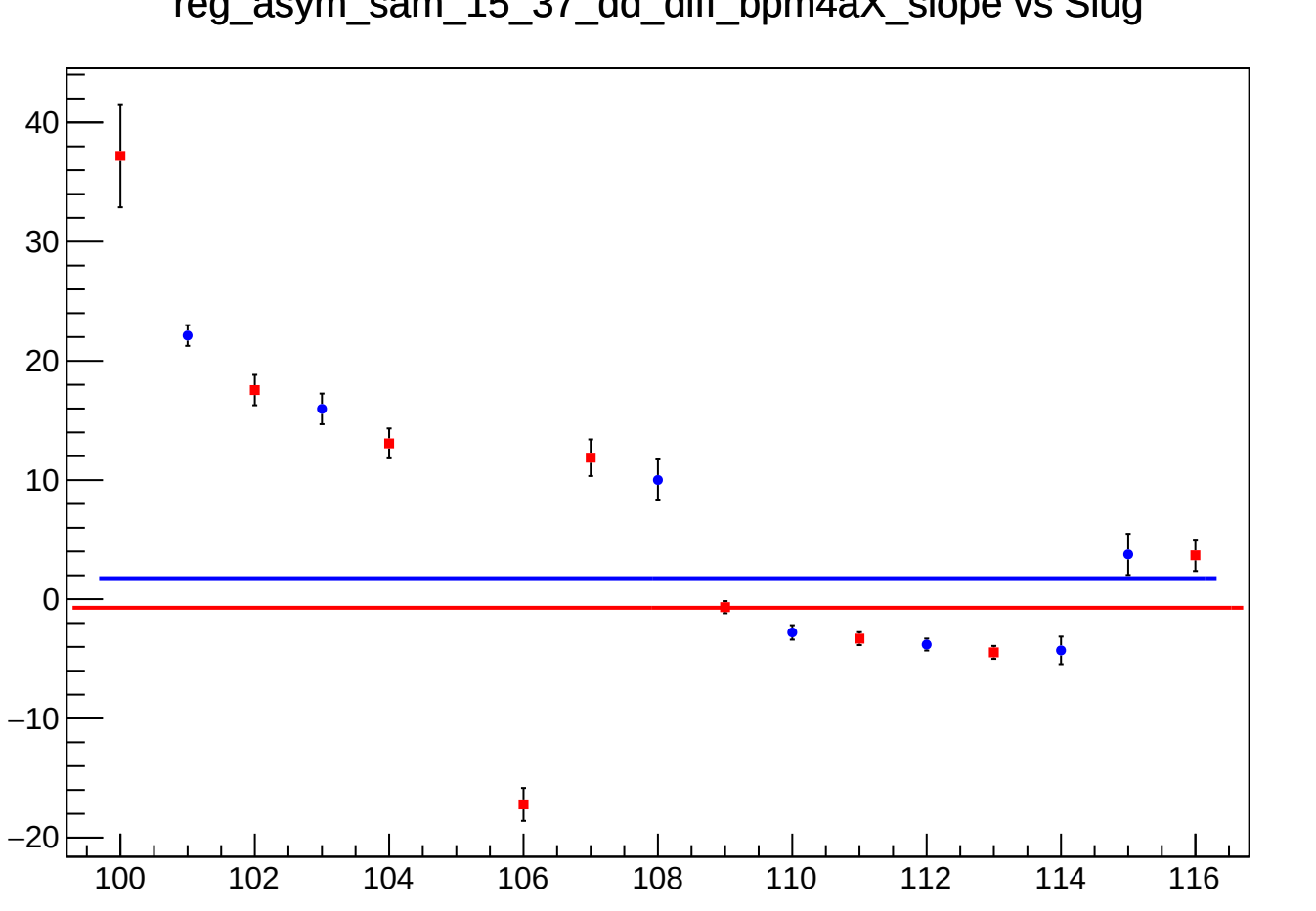
Right Out: -0.212+/-0.012 $\chi^2$/NDF: 197.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.194+/-0.009 $\chi^2$/NDF: 228.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 1.762+/-0.315 $\chi^2$/NDF: 906.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.723+/-0.272 $\chi^2$/NDF: 694.5/8

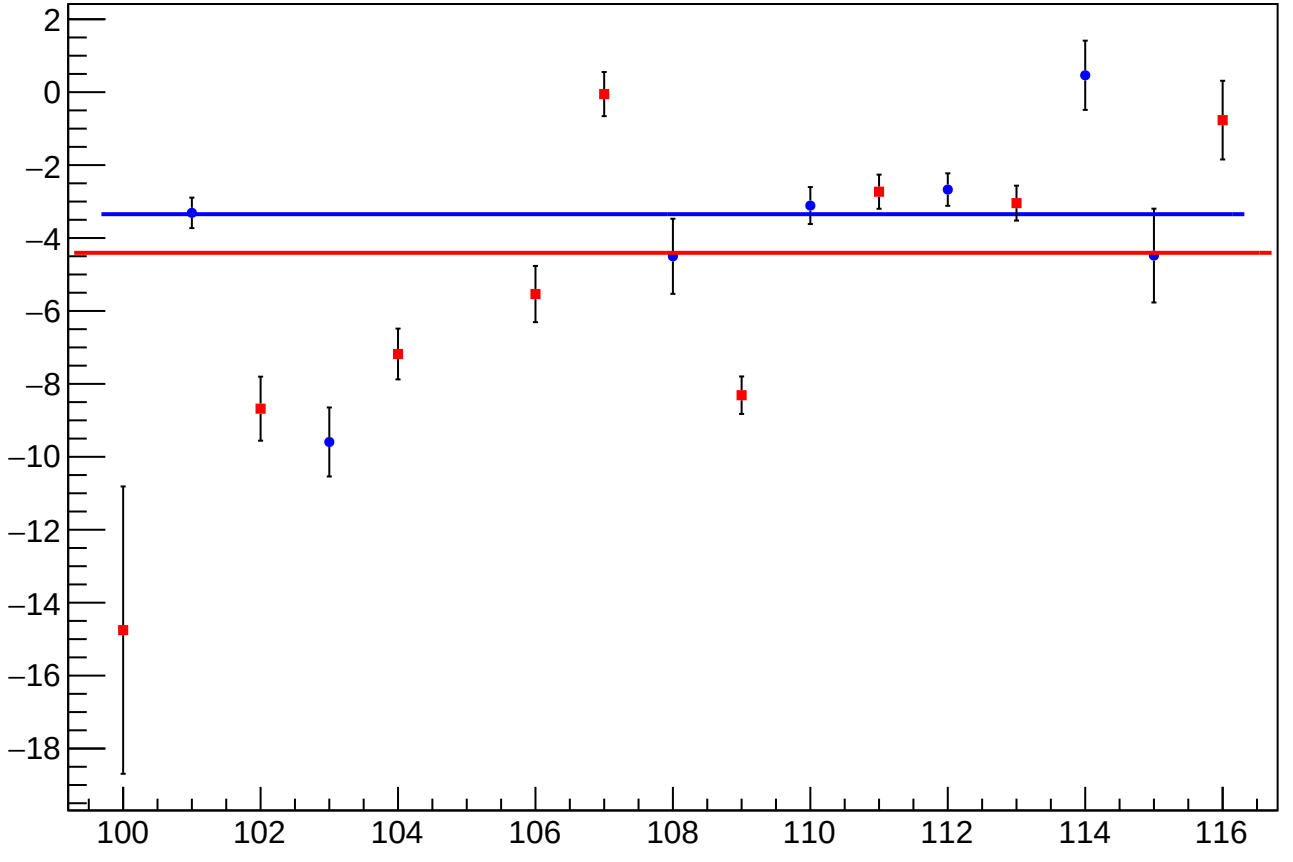
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.339+/-0.206 $\chi^2$/NDF: 1636.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug




Right In: -3.346+/-0.233 $\chi^2$/NDF: 64.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

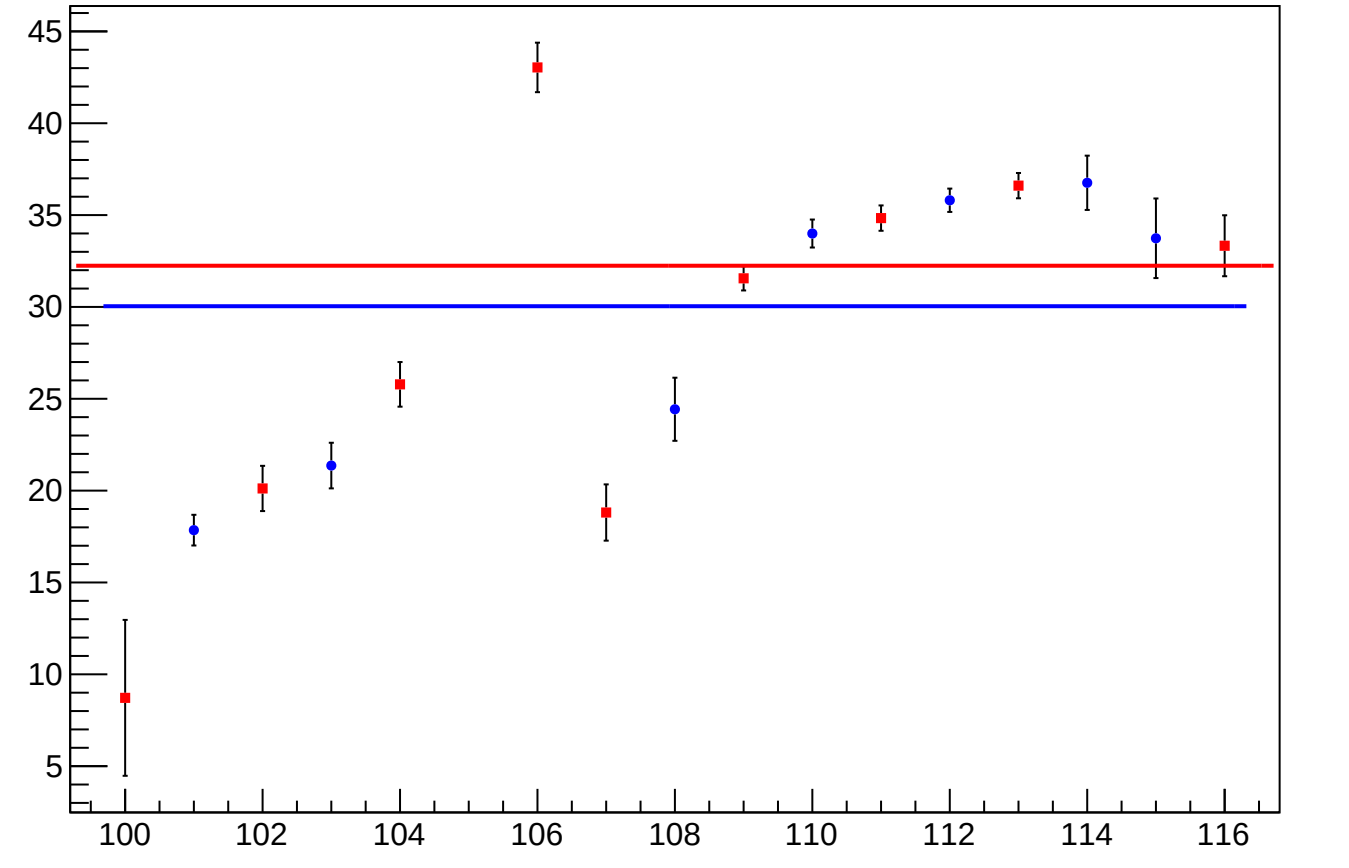
Right Out: -4.405+/-0.216 $\chi^2$/NDF: 190.4/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -3.915+/-0.158 $\chi^2$/NDF: 265.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 30.039+/-0.370 $\chi^2$/NDF: 405.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

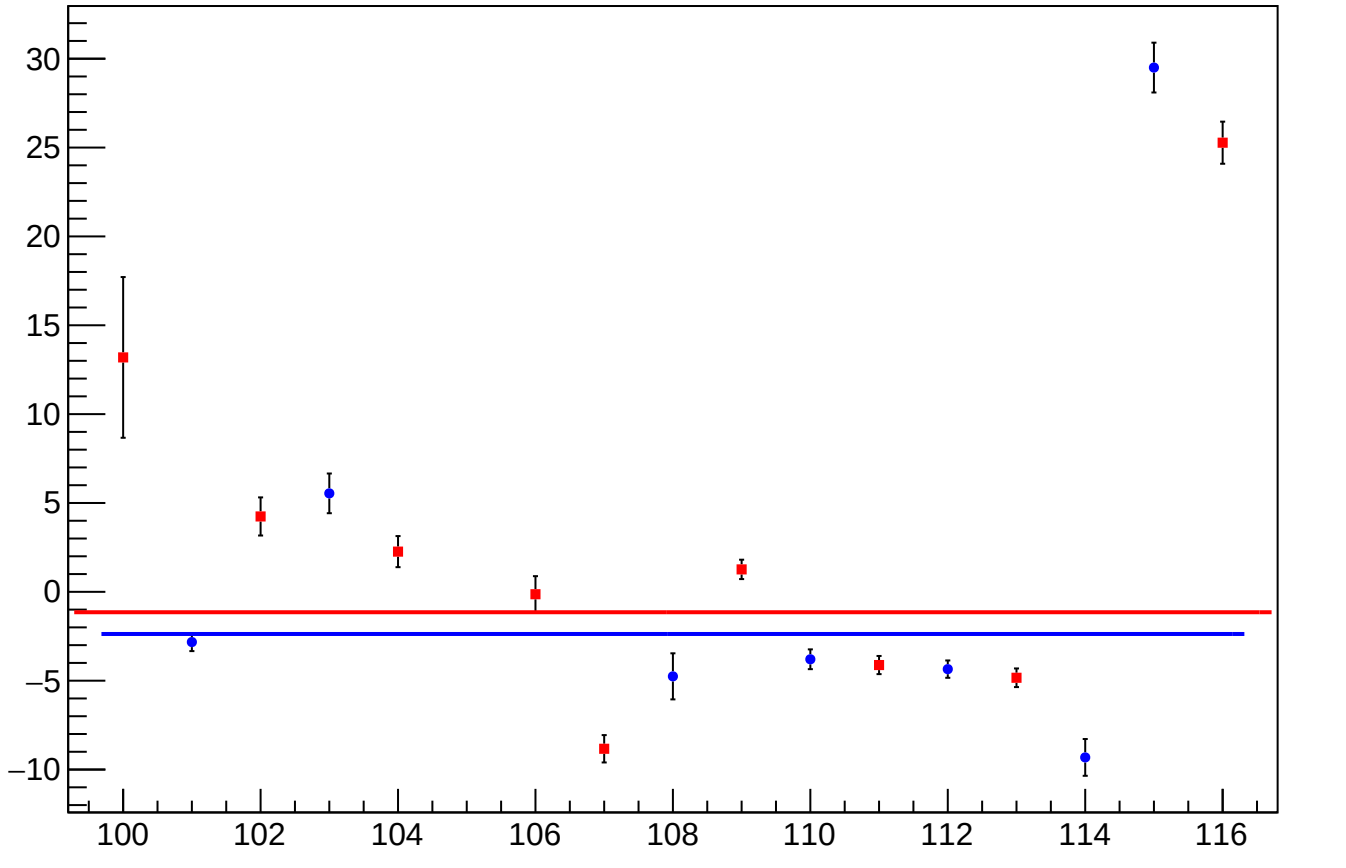
Right Out: 32.243+/-0.329 $\chi^2$/NDF: 352.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 31.270+/-0.246 $\chi^2$/NDF: 778.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -2.372+/-0.266 $\chi^2$/NDF: 639.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

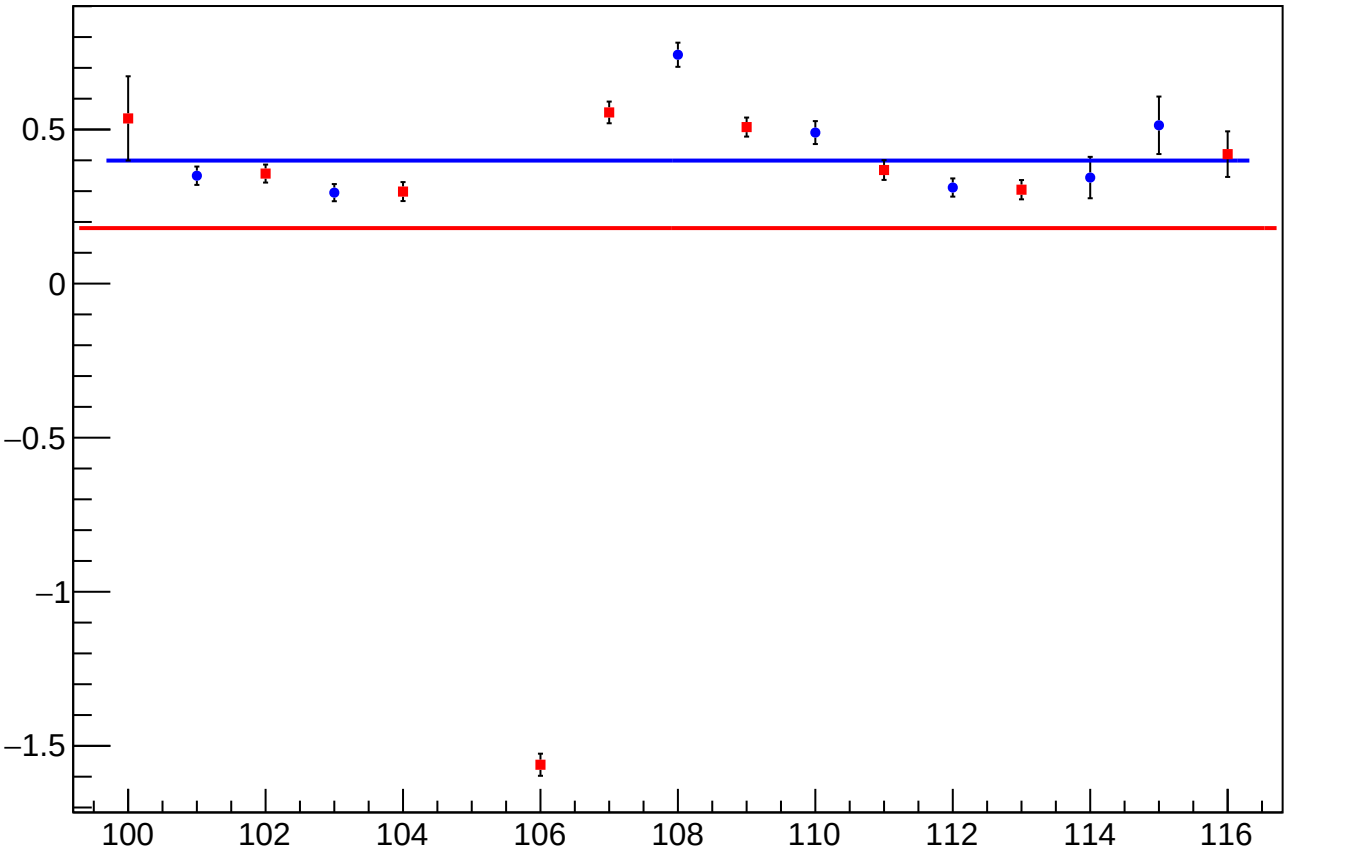
Right Out: -1.148+/-0.247 $\chi^2$/NDF: 751.3/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.714+/-0.181 $\chi^2$/NDF: 1402.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 0.399+/-0.014 $\chi^2$/NDF: 110.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

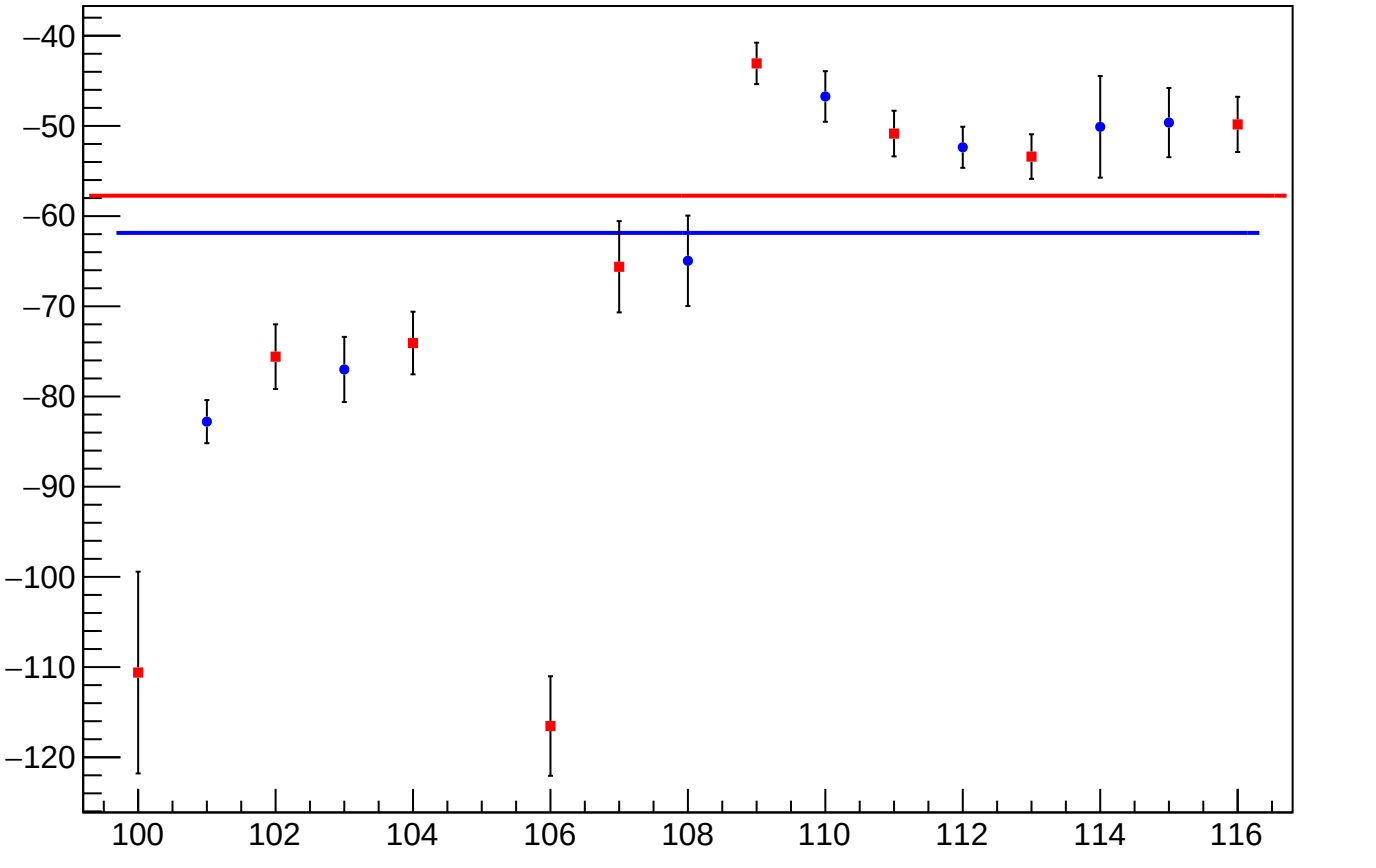
Right Out: 0.180+/-0.012 $\chi^2$/NDF: 2699.3/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.274+/-0.009 $\chi^2$/NDF: 2954.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -61.860+/-1.186 $\chi^2$/NDF: 155.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

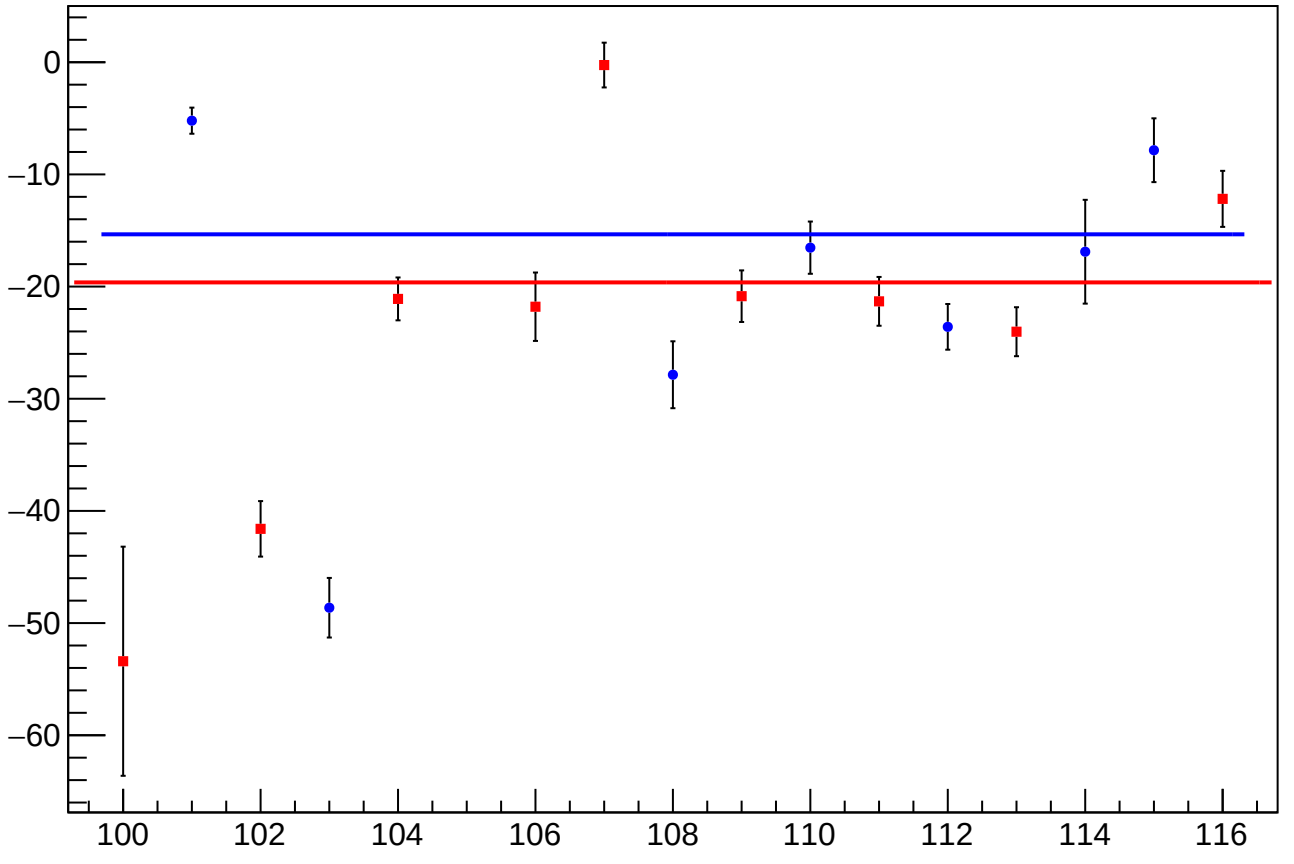
Right Out: -57.737+/-1.080 $\chi^2$/NDF: 243.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -59.606+/-0.799 $\chi^2$/NDF: 405.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -15.342+/-0.794 $\chi^2$/NDF: 274.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

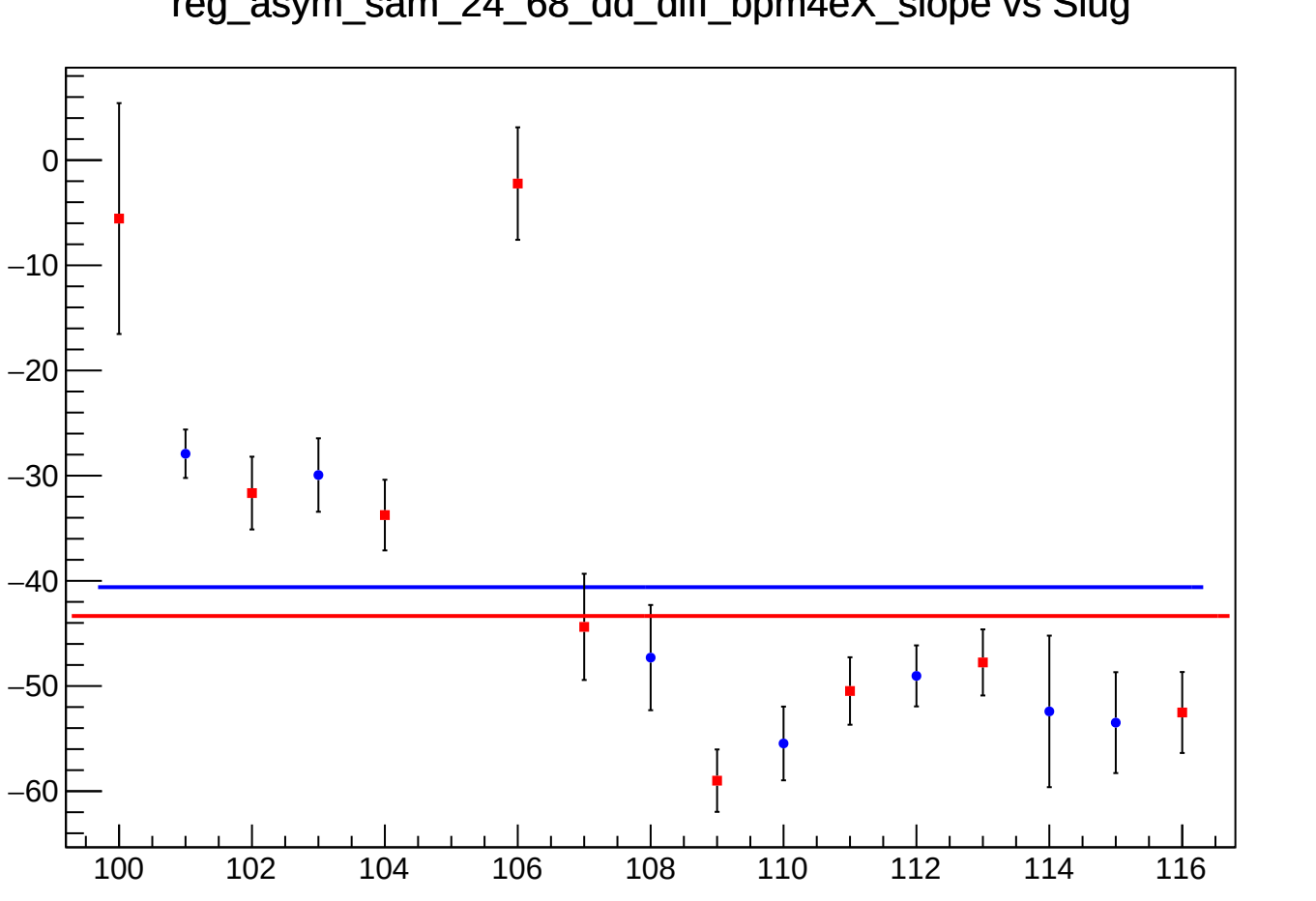
Right Out: -19.629+/-0.797 $\chi^2$/NDF: 199.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

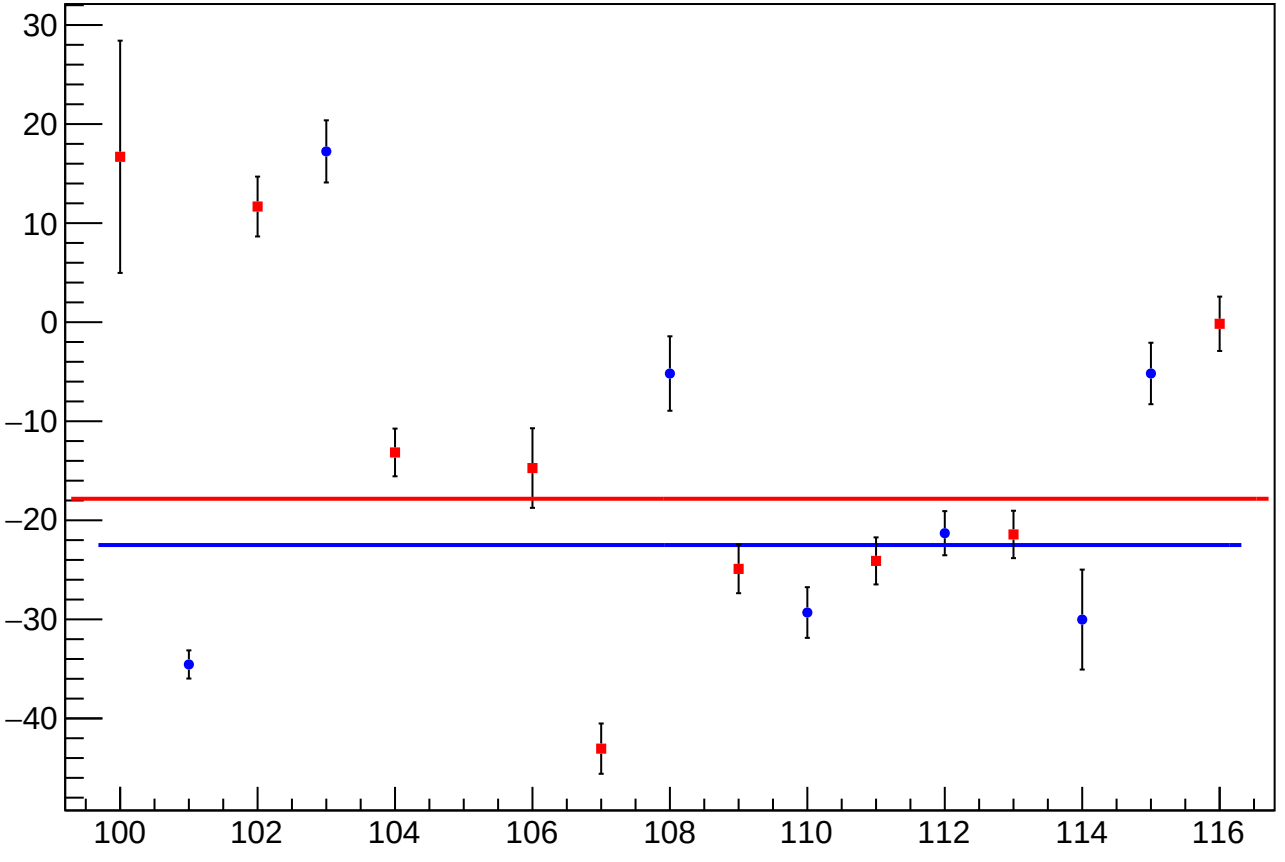
+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -17.477+/-0.562 $\chi^2$/NDF: 487.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0


reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug
0
−10
−20
−30
−40
−50
−60
100
102
104
106
108
110
112
114
116
Right In: -40.601+/-1.320 χ²/NDF: 77.8/6
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -43.343+/-1.256 χ²/NDF: 131.0/8
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 0.0/0
All: -42.041+/-0.910 χ²/NDF: 211.1/15
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

# reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug




Right In: -22.496+/-0.927 $\chi^2$/NDF: 294.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

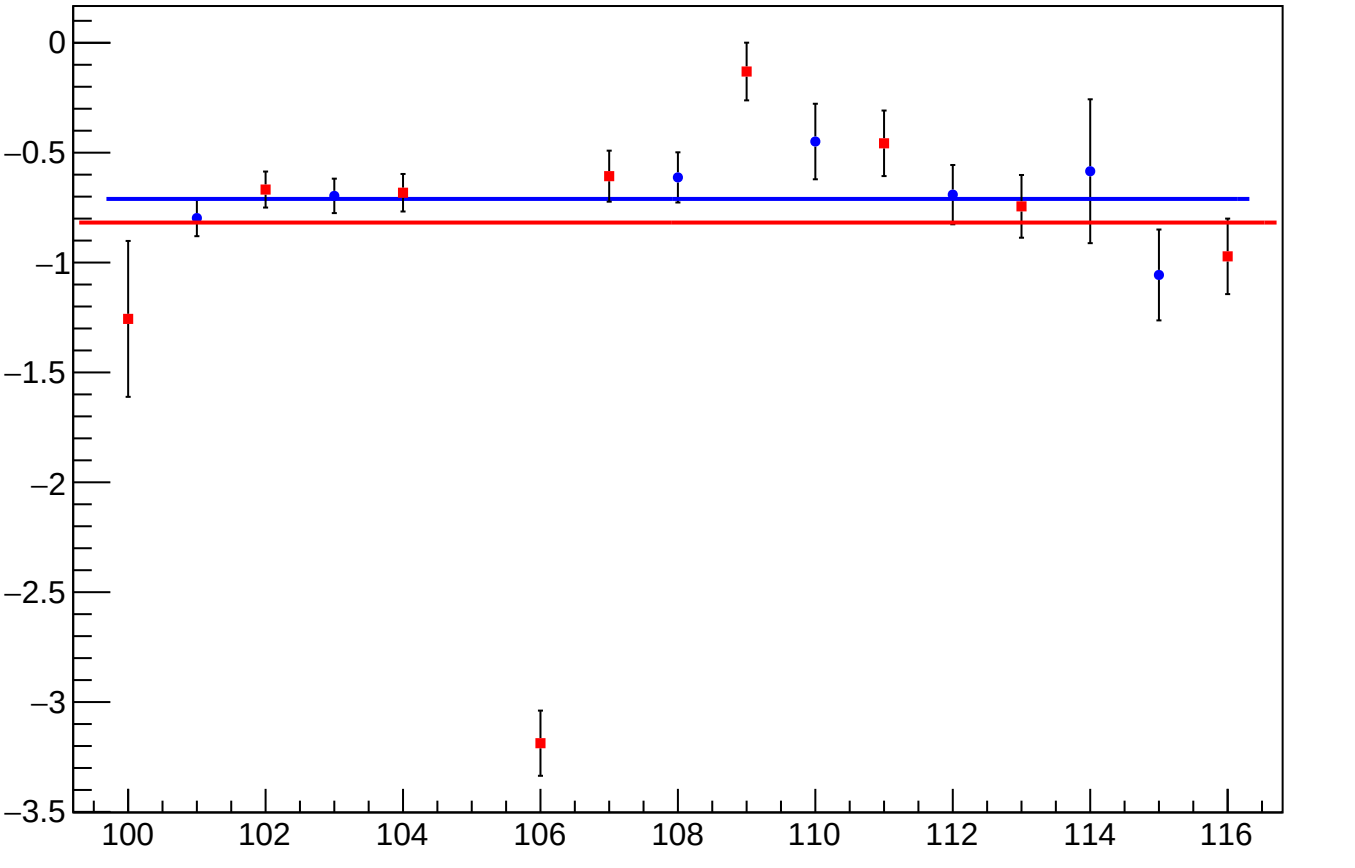
Right Out: -17.825+/-0.930 $\chi^2$/NDF: 266.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -20.168+/-0.656 $\chi^2$/NDF: 573.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -0.710+/-0.044 $\chi^2$/NDF: 7.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

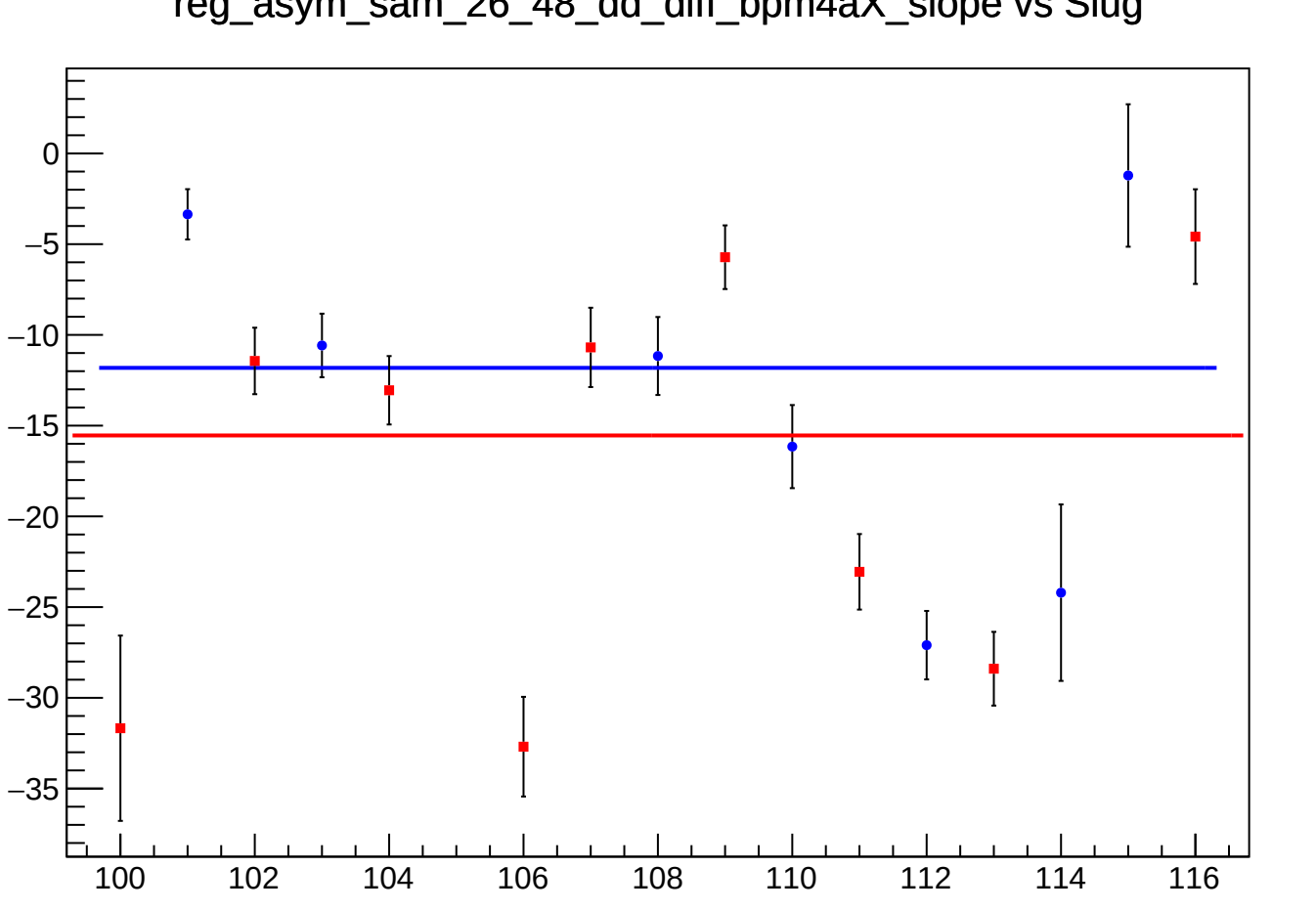
Right Out: -0.818+/-0.041 $\chi^2$/NDF: 300.2/8

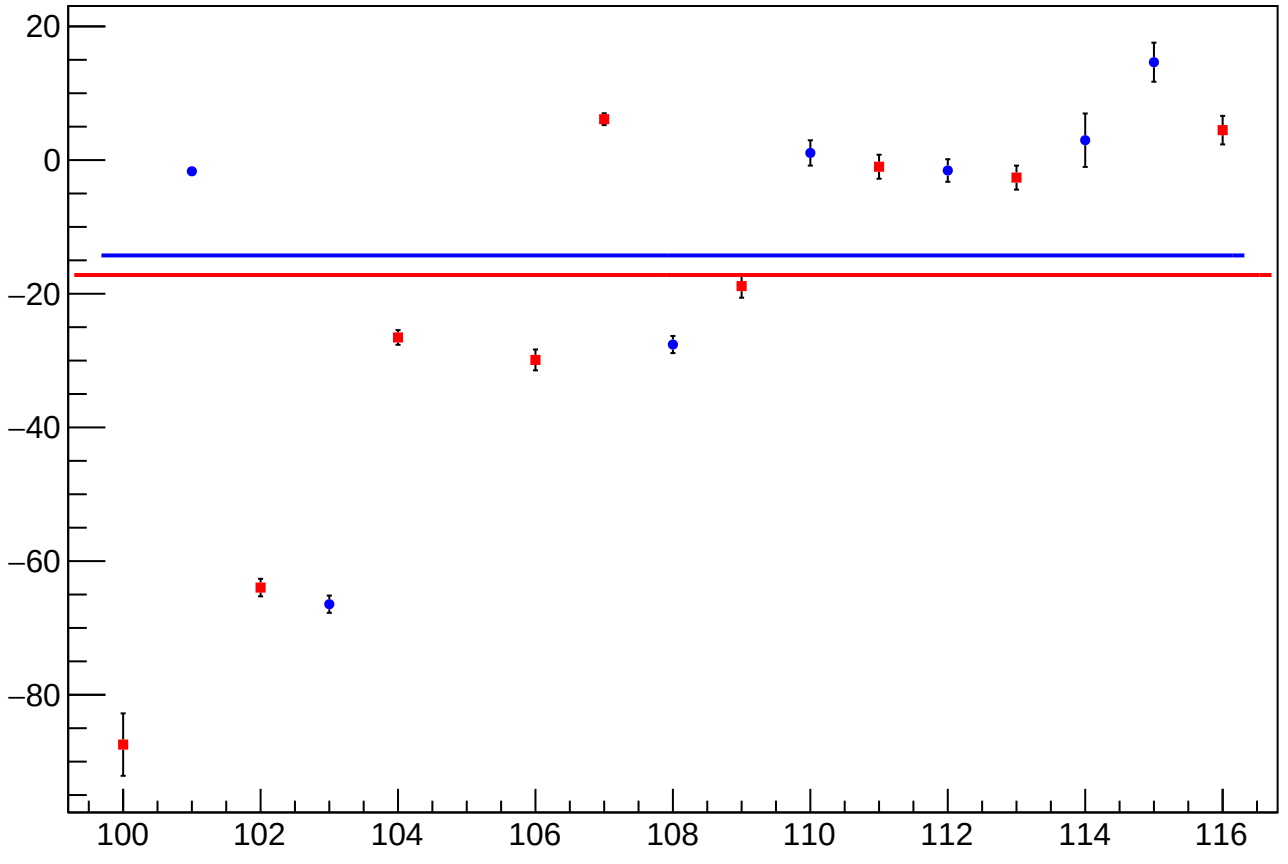
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.769+/-0.030 $\chi^2$/NDF: 310.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0


reg_asym_sam_26_48_dd_diff_bpm4aX_slope vs Slug
0
−5
−10
−15
−20
−25
−30
−35
100
102
104
106
108
110
112
114
116
Right In: -11.817+/-0.780 χ²/NDF: 120.9/6
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -15.541+/-0.725 χ²/NDF: 162.7/8
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 0.0/0
All: -13.817+/-0.531 χ²/NDF: 295.8/15
- sign 0.000+/-0.000 χ²/NDF: 0.0/0




Right In: -14.268+/-0.495 $\chi^2$/NDF: 2303.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

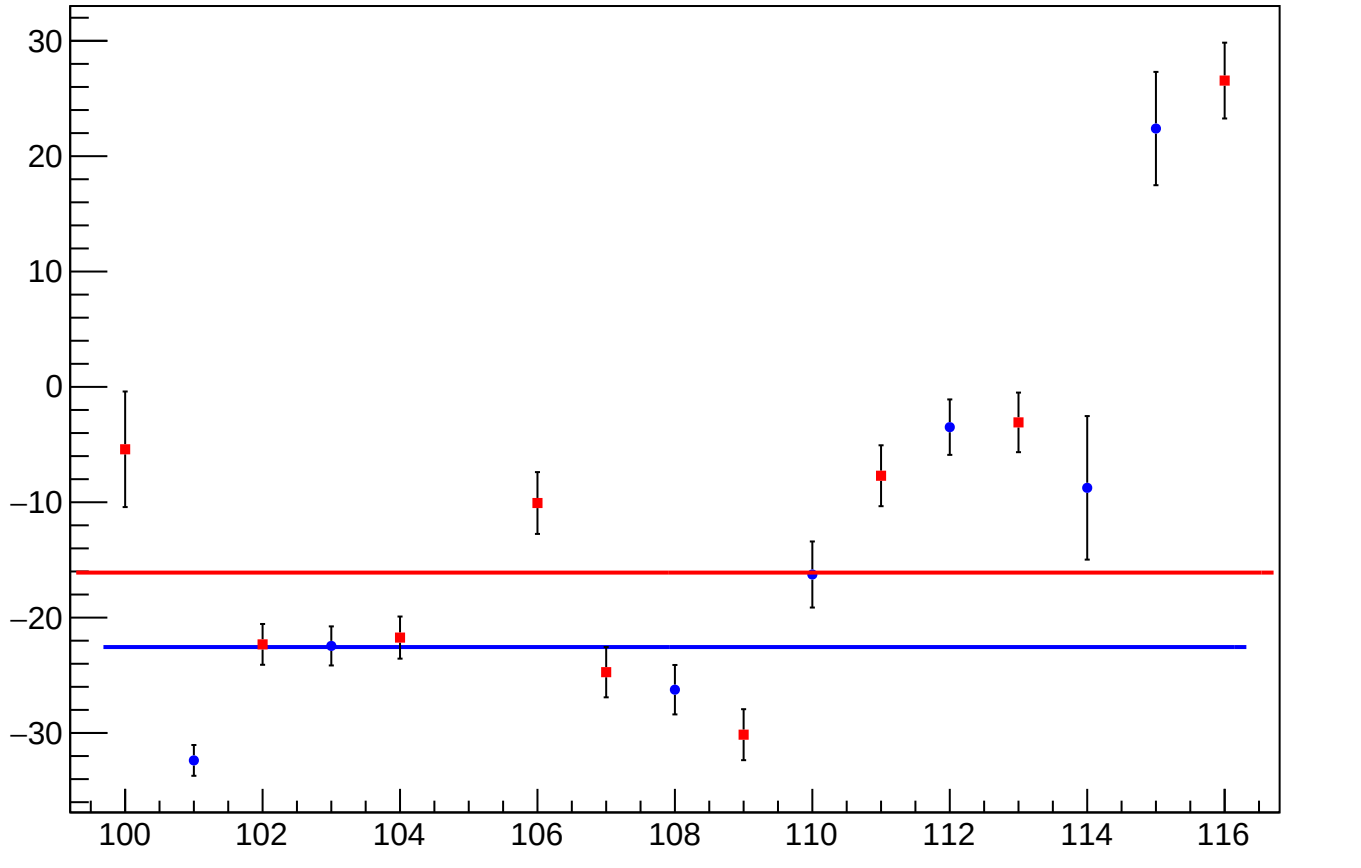
Right Out: -17.194+/-0.482 $\chi^2$/NDF: 2578.2/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -15.769+/-0.345 $\chi^2$/NDF: 4900.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -22.552+/-0.819 $\chi^2$/NDF: 213.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

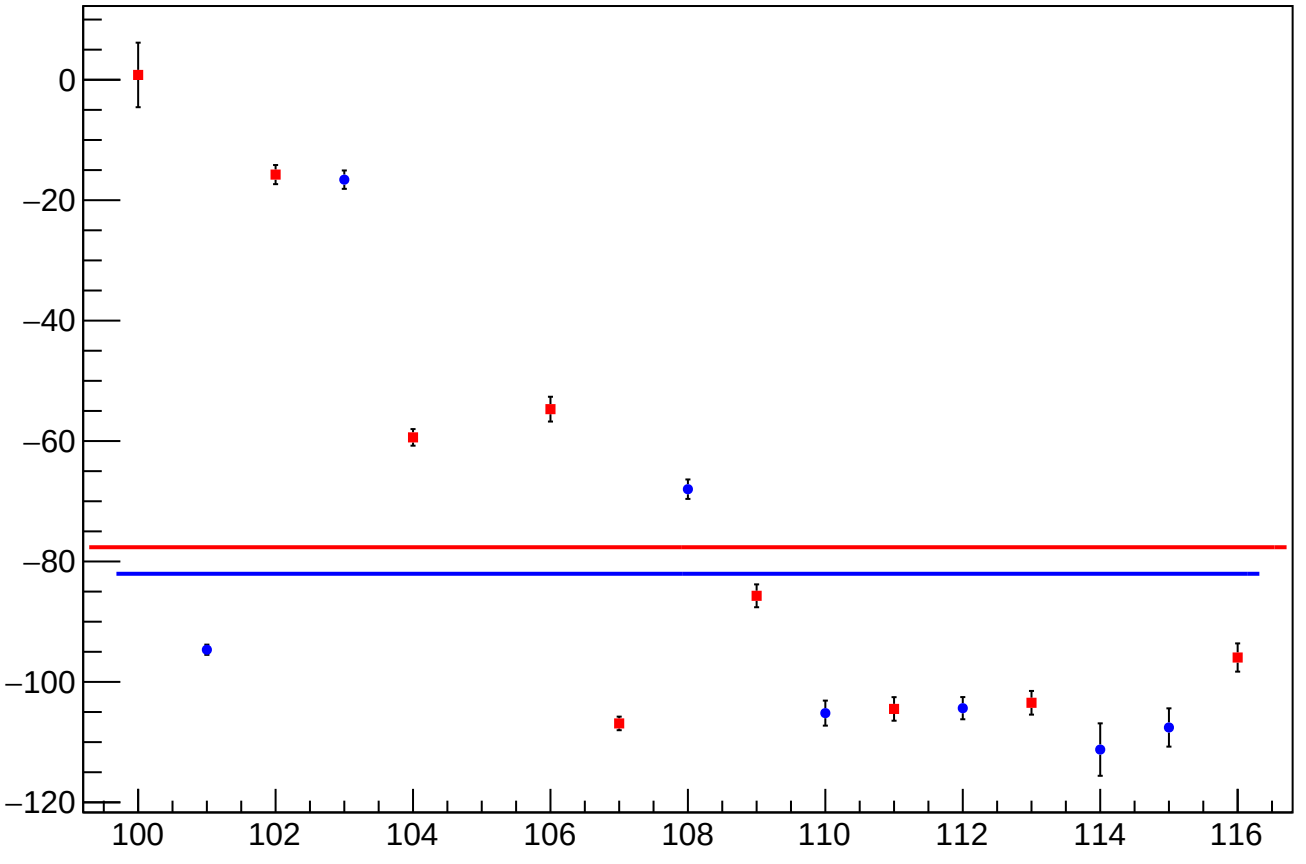
Right Out: -16.098+/-0.791 $\chi^2$/NDF: 291.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -19.210+/-0.569 $\chi^2$/NDF: 537.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -82.042+/-0.590 $\chi^2$/NDF: 2513.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -77.634+/-0.581 $\chi^2$/NDF: 3145.3/8

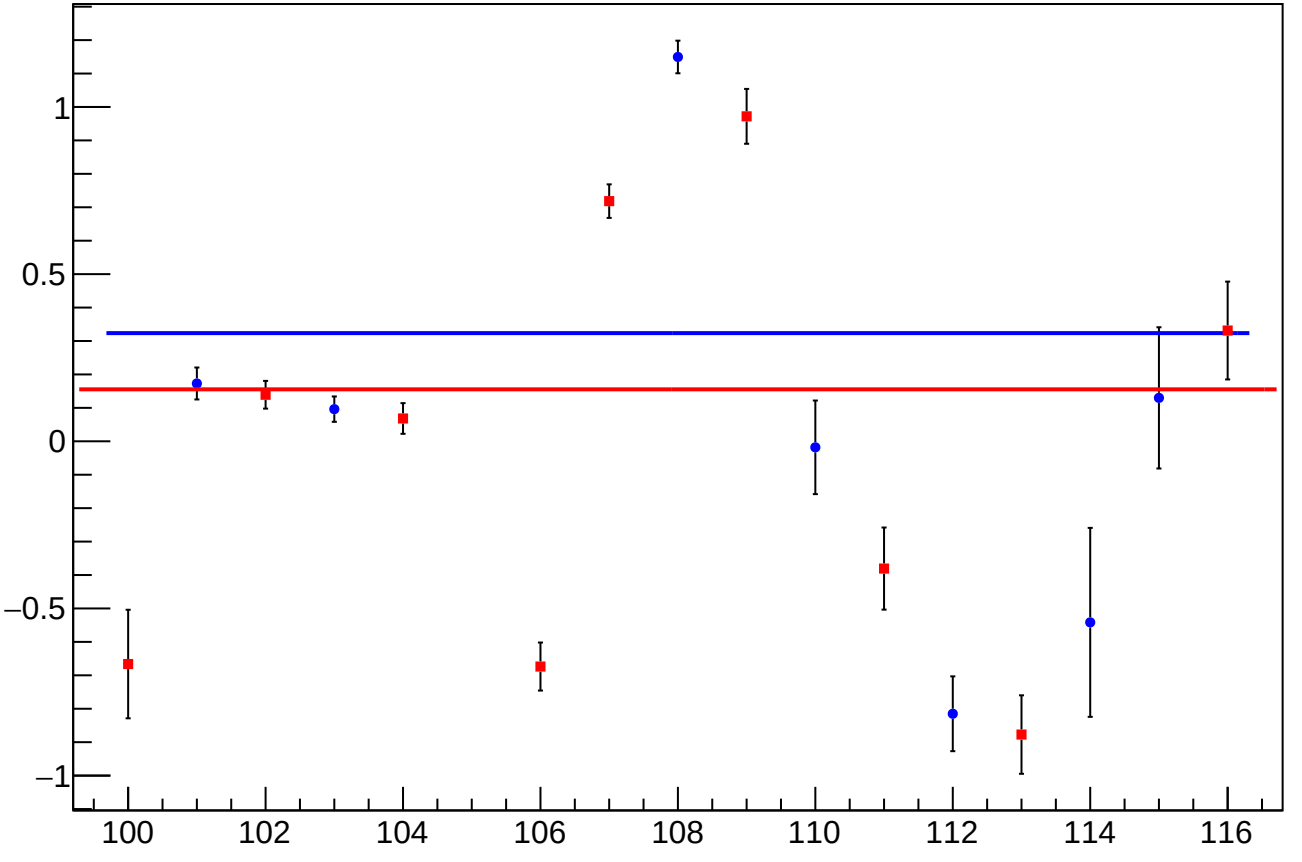
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -79.806+/-0.414 $\chi^2$/NDF: 5686.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug




Right In: 0.324+/-0.024 $\chi^2$/NDF: 452.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

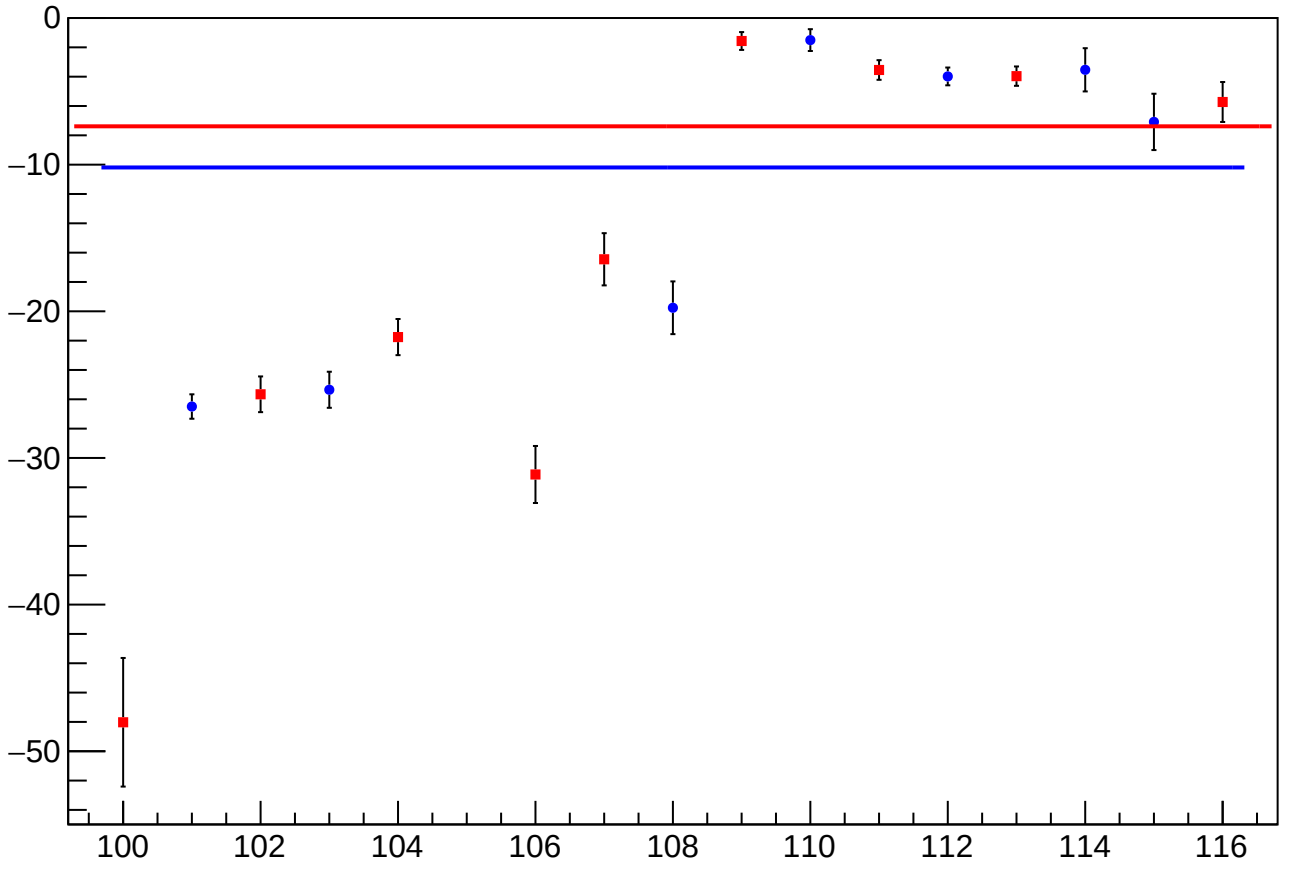
Right Out: 0.155+/-0.022 $\chi^2$/NDF: 485.5/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.233+/-0.016 $\chi^2$/NDF: 964.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -10.191+/-0.361 $\chi^2$/NDF: 827.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -7.385+/-0.321 $\chi^2$/NDF: 774.7/8

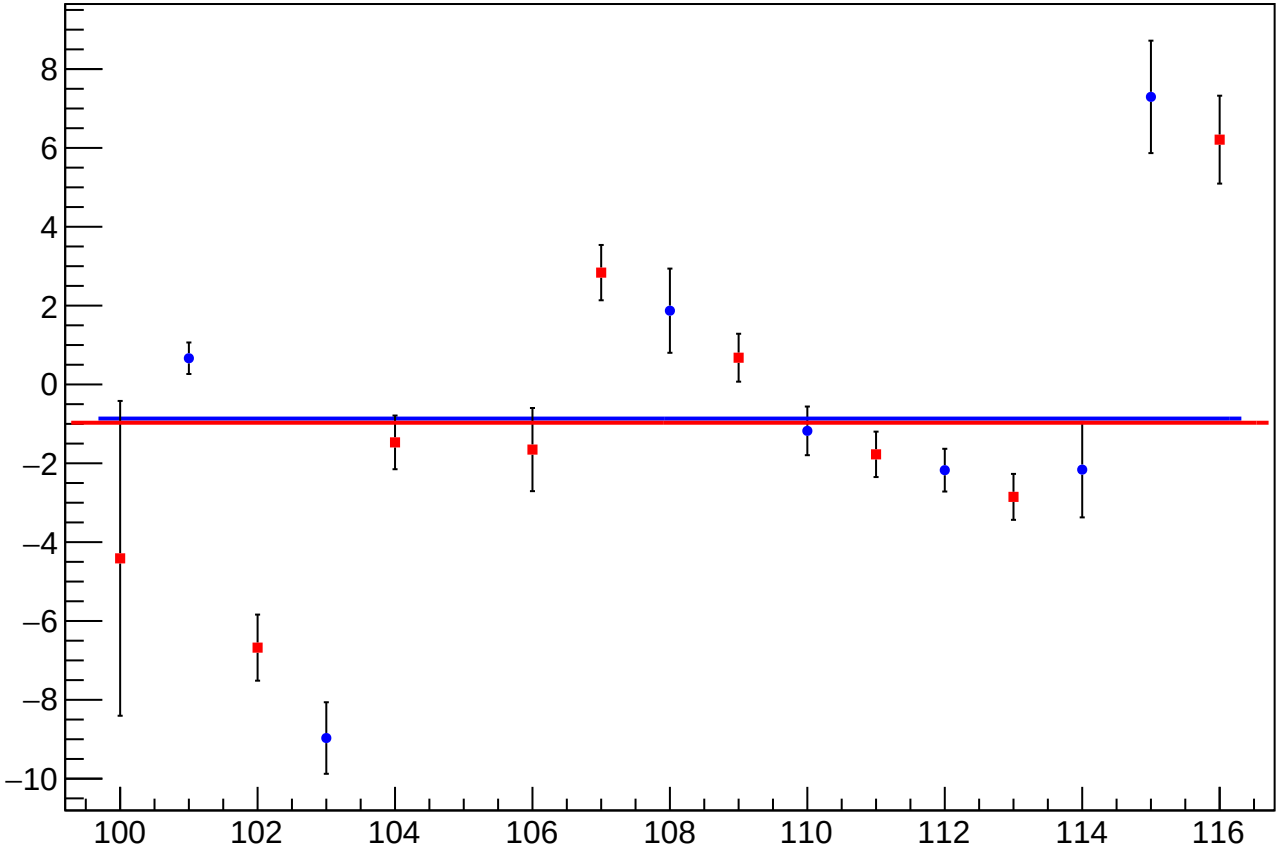
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -8.622+/-0.240 $\chi^2$/NDF: 1635.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug




Right In: -0.866+/-0.254 $\chi^2$/NDF: 141.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.971+/-0.250 $\chi^2$/NDF: 138.7/8

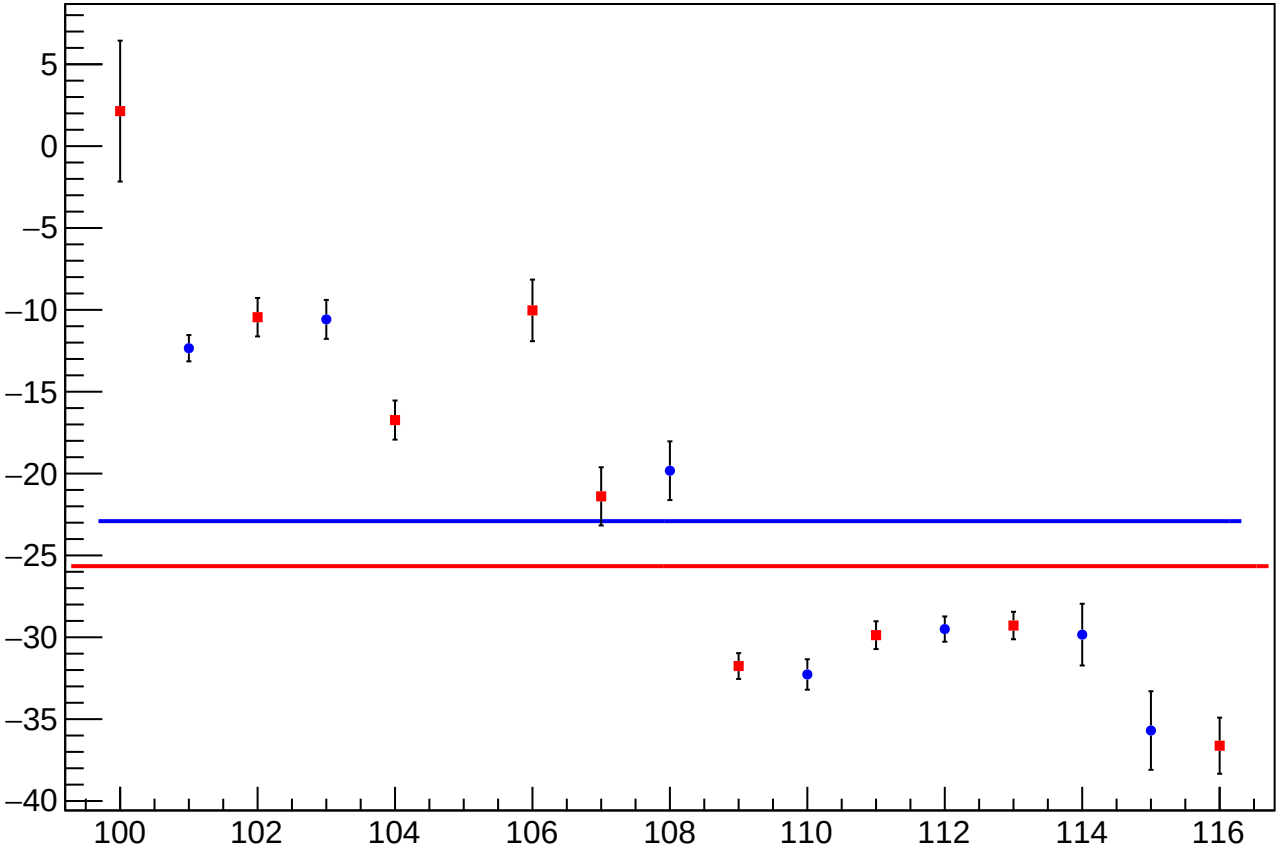
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.919+/-0.178 $\chi^2$/NDF: 279.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug




Right In: -22.907+/-0.413 $\chi^2$/NDF: 499.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -25.657+/-0.382 $\chi^2$/NDF: 483.9/8

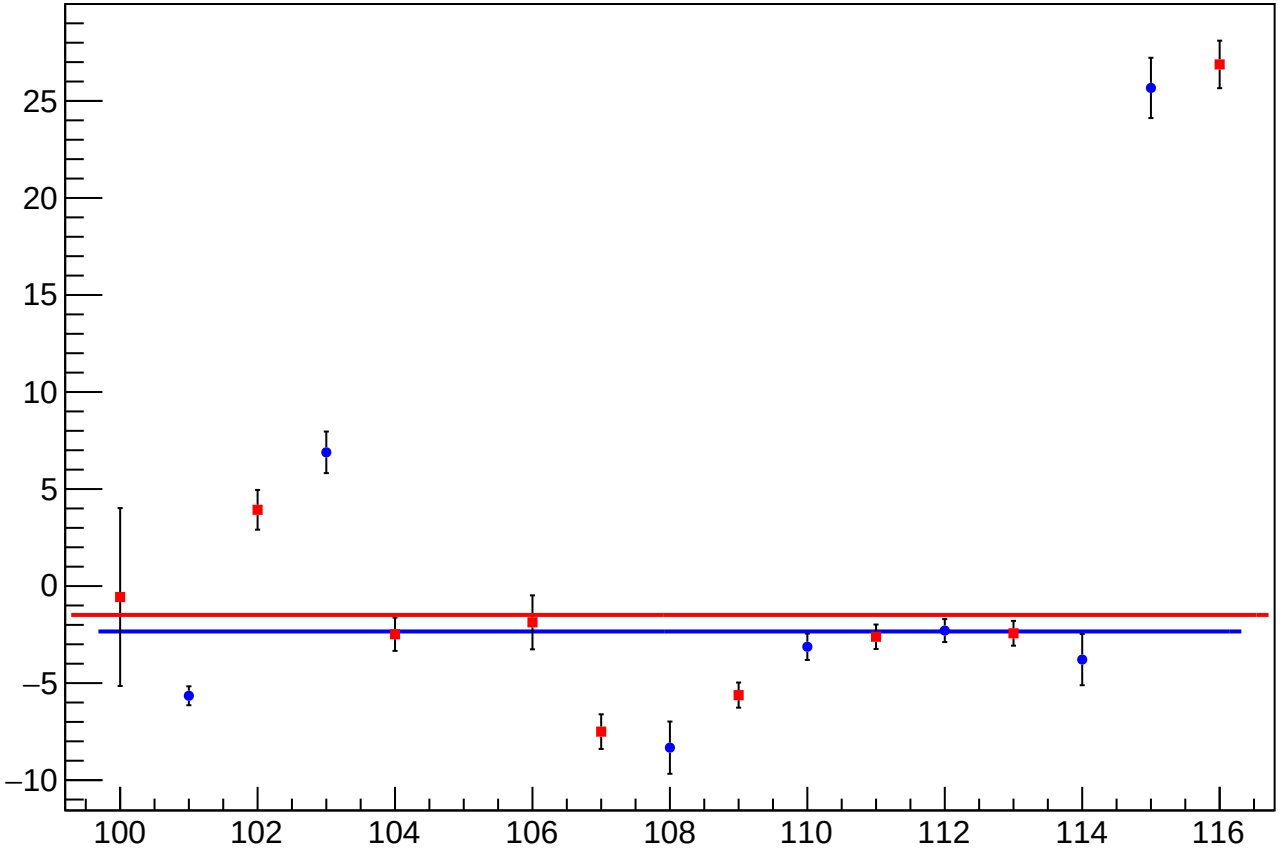
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -24.387+/-0.281 $\chi^2$/NDF: 1007.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug




Right In: -2.338+/-0.293 $\chi^2$/NDF: 467.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.487+/-0.287 $\chi^2$/NDF: 657.4/8

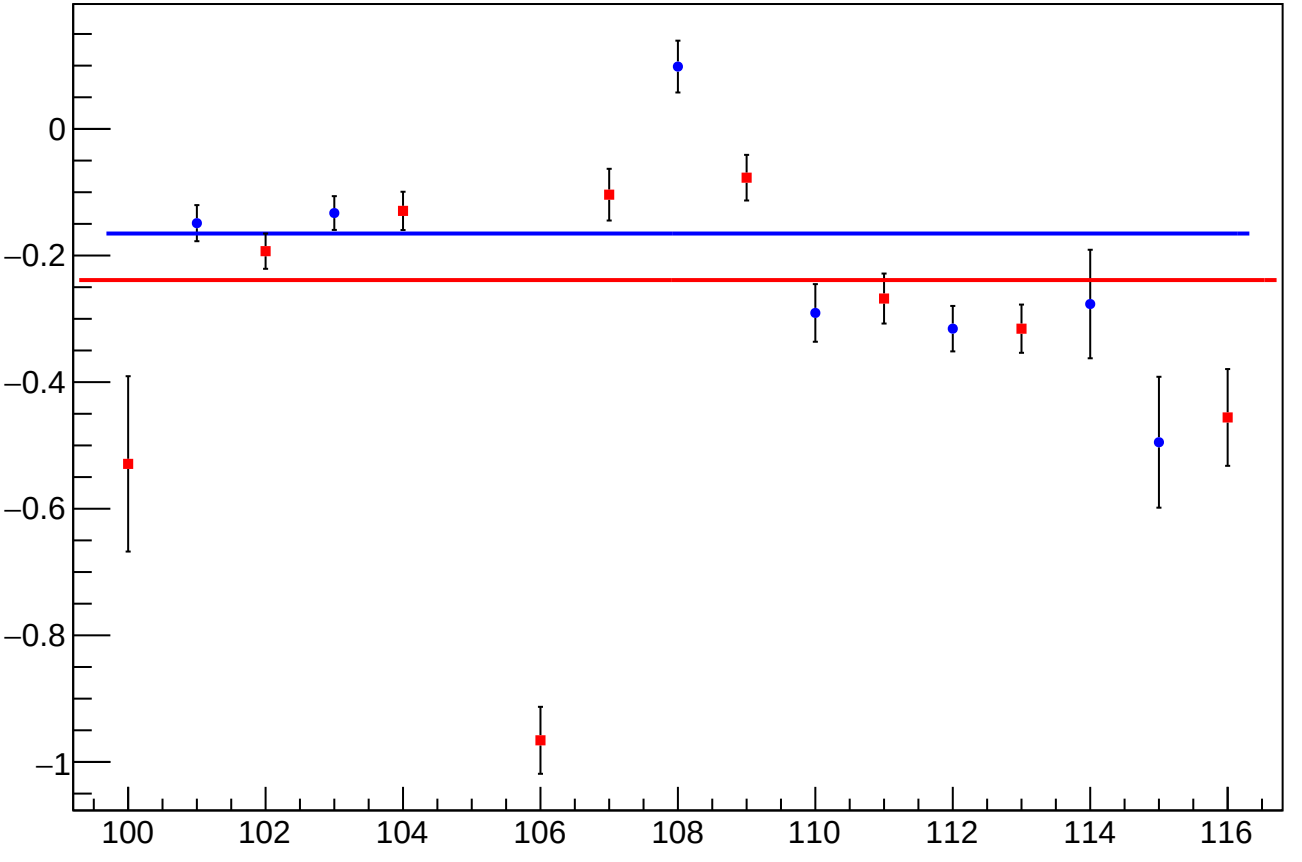
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.903+/-0.205 $\chi^2$/NDF: 1129.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug




Right In: -0.165+/-0.015 $\chi^2$/NDF: 80.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.239+/-0.013 $\chi^2$/NDF: 252.8/8

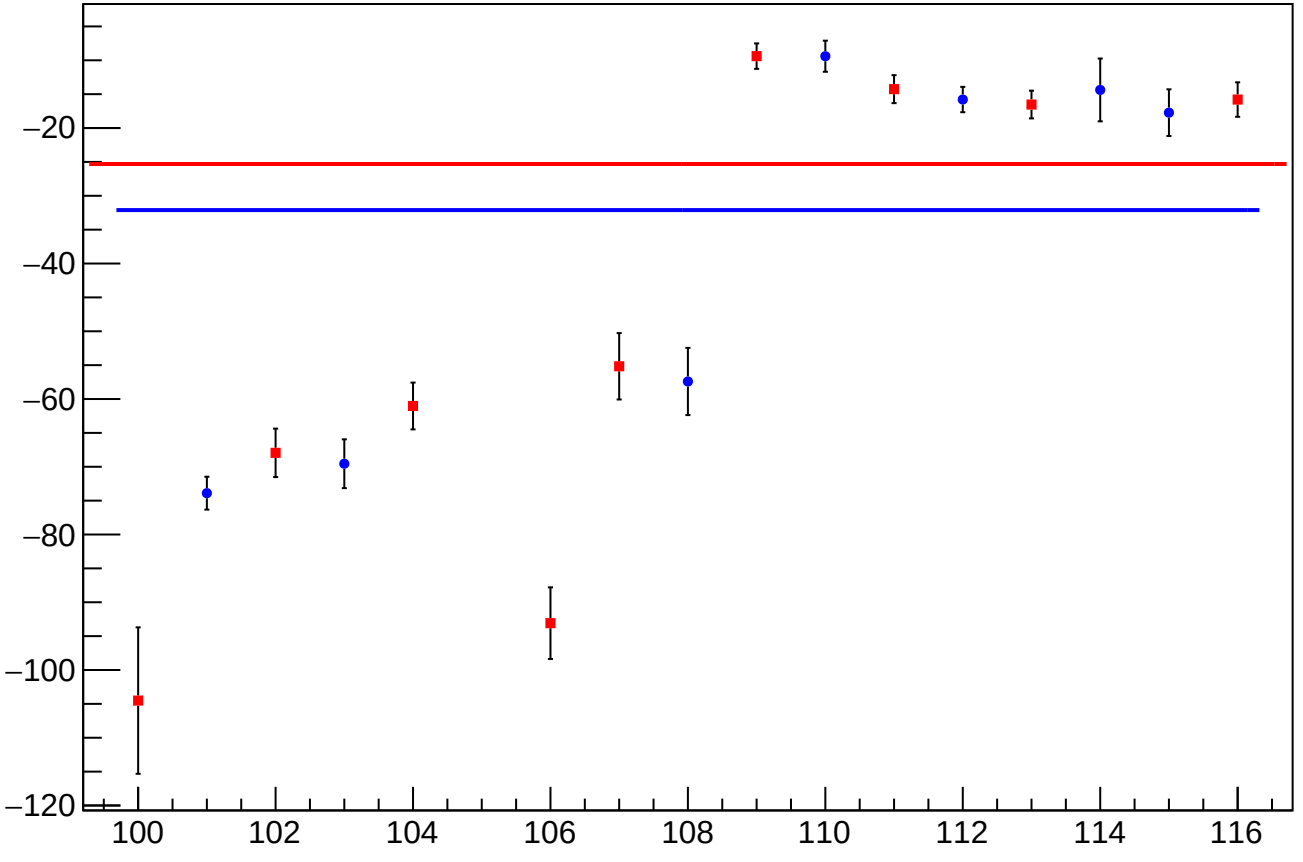
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.205+/-0.010 $\chi^2$/NDF: 347.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_2468_avg_diff_bpm4aX_slope vs Slug




Right In: -32.111+/-1.058 $\chi^2$/NDF: 636.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -25.308+/-0.929 $\chi^2$/NDF: 637.0/8

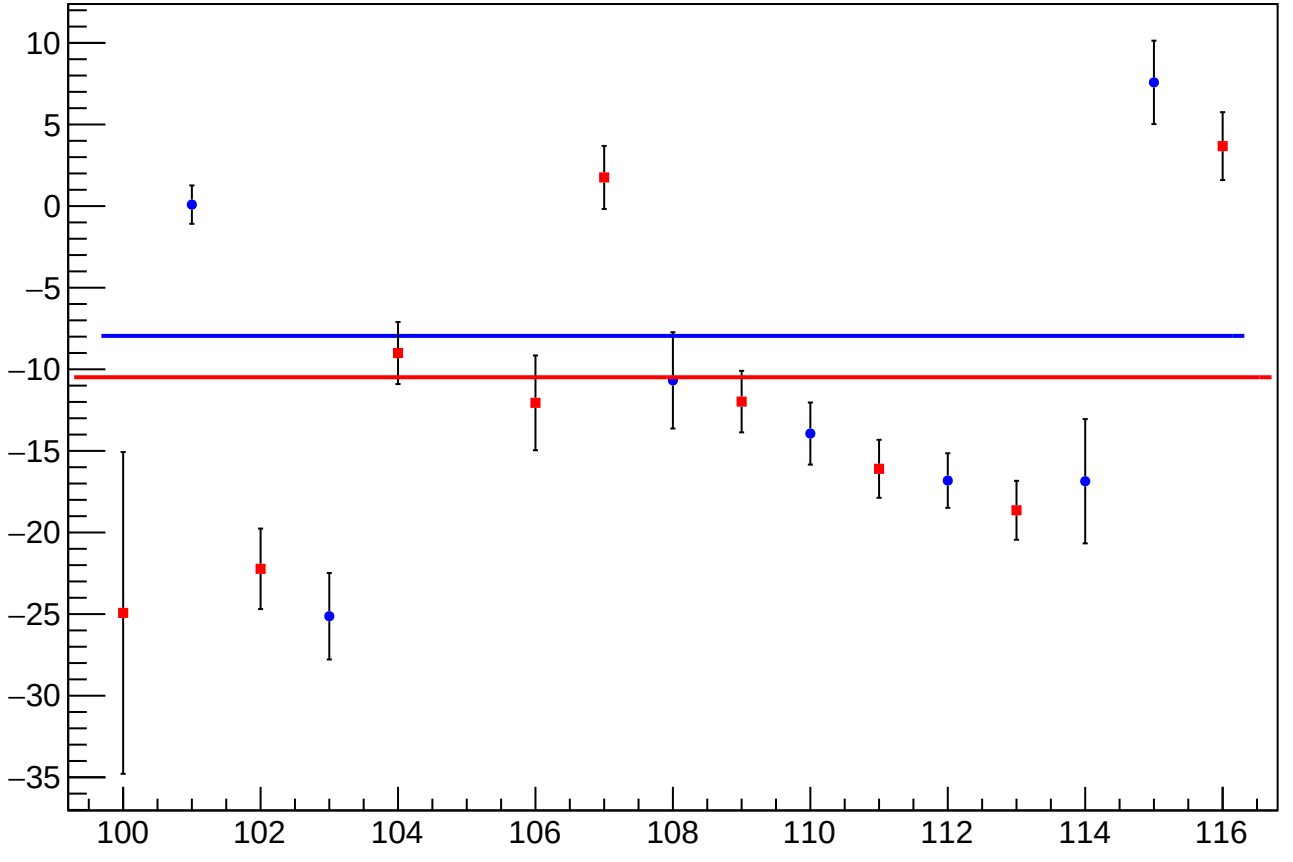
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -28.270+/-0.698 $\chi^2$/NDF: 1296.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug




Right In: -7.953+/-0.738 $\chi^2$/NDF: 170.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -10.486+/-0.712 $\chi^2$/NDF: 143.2/8

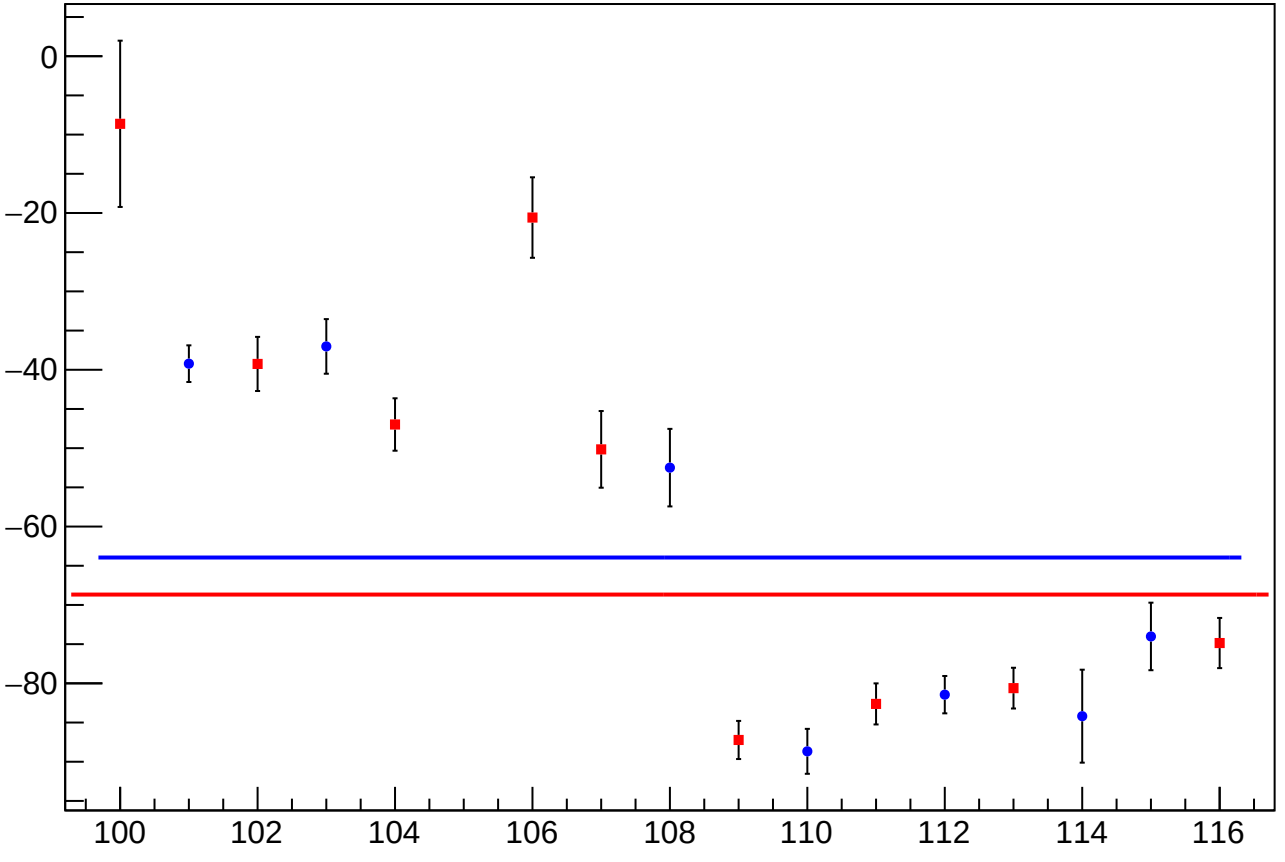
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -9.266+/-0.512 $\chi^2$/NDF: 319.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug




Right In: -63.949+/-1.207 $\chi^2$/NDF: 322.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -68.675+/-1.103 $\chi^2$/NDF: 360.2/8

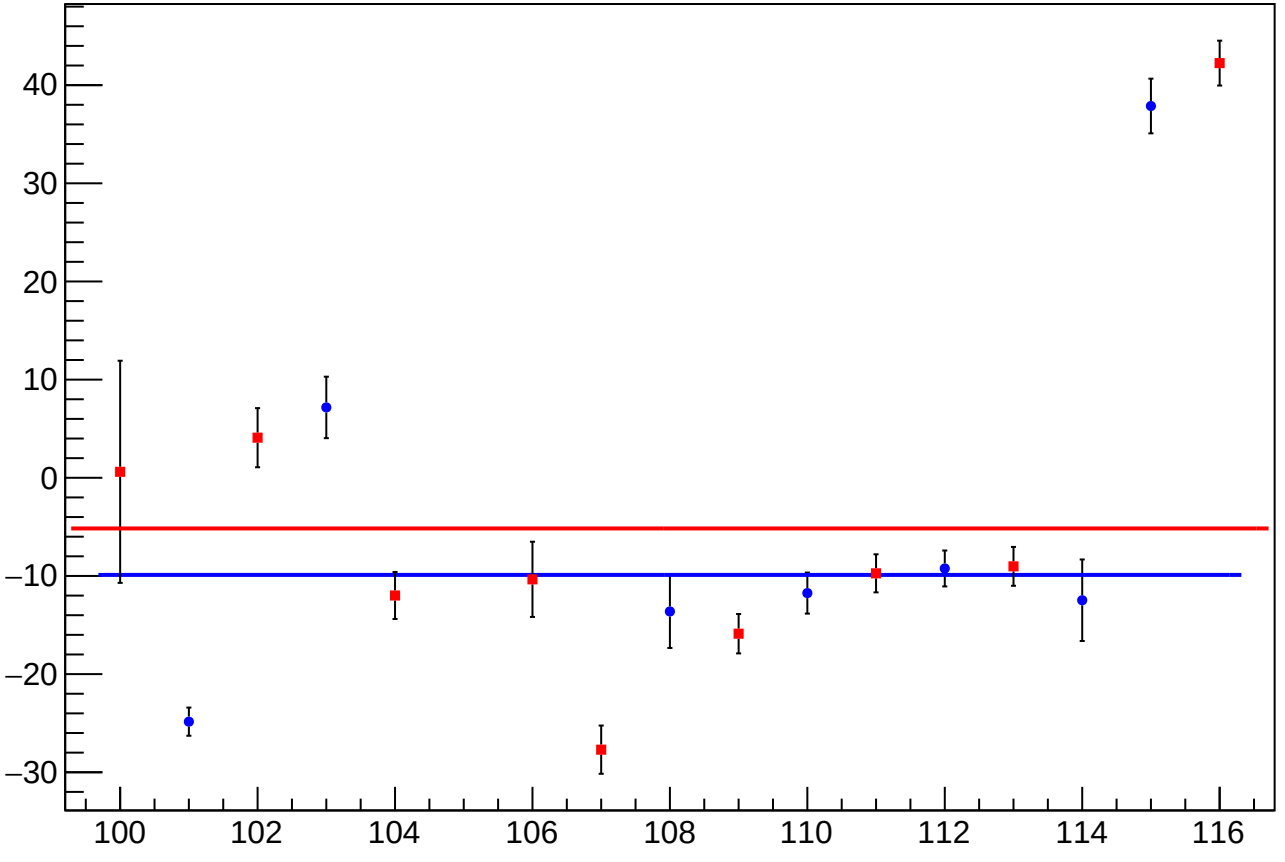
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -66.525+/-0.814 $\chi^2$/NDF: 690.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug




Right In: -9.894+/-0.853 $\chi^2$/NDF: 434.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

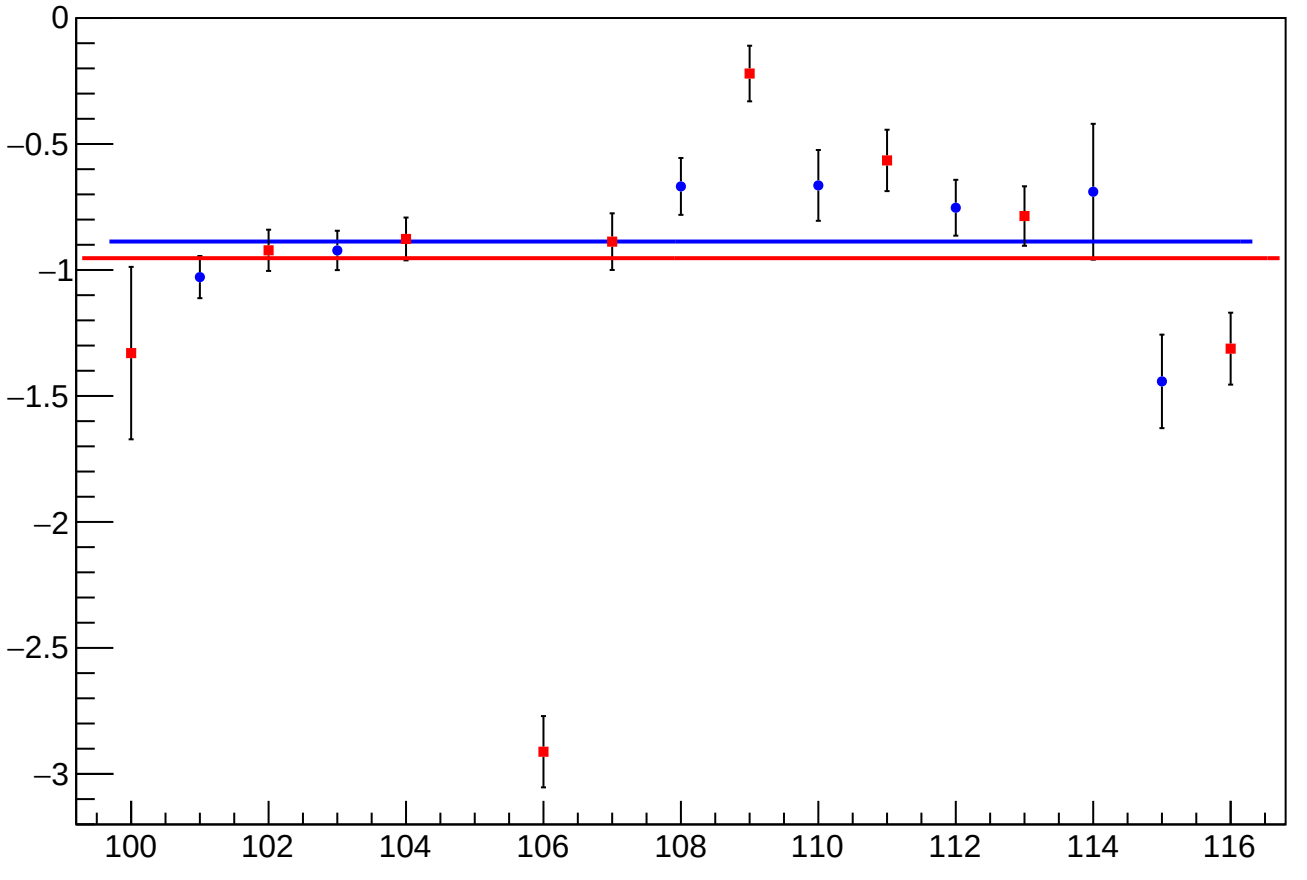
Right Out: -5.161+/-0.820 $\chi^2$/NDF: 572.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -7.434+/-0.591 $\chi^2$/NDF: 1022.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -0.887+/-0.042 $\chi^2$/NDF: 20.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.953+/-0.038 $\chi^2$/NDF: 256.8/8

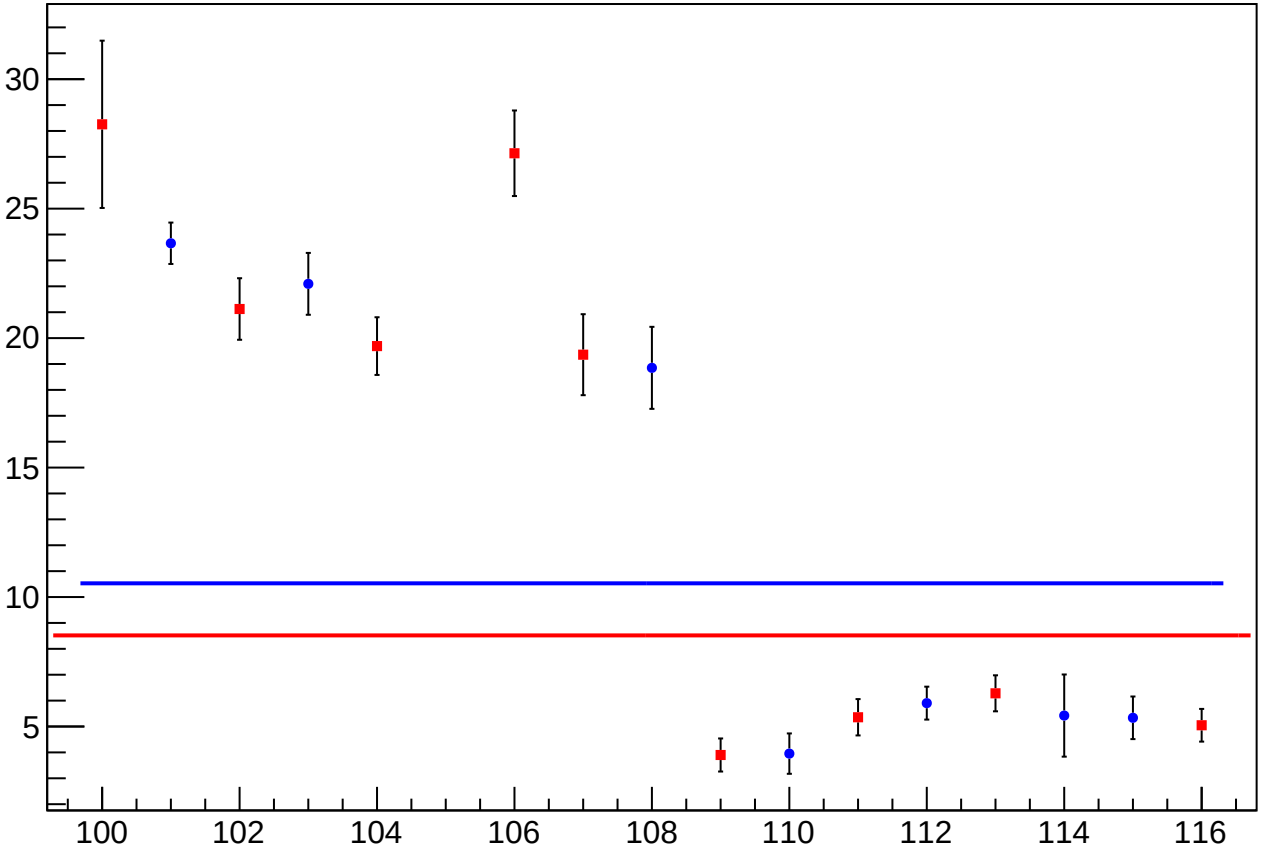
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.924+/-0.028 $\chi^2$/NDF: 278.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_1357_2468_dd_diff_bpm4aX_slope vs Slug




Right In: 10.530+/-0.340 $\chi^2$/NDF: 565.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 8.518+/-0.296 $\chi^2$/NDF: 538.6/8

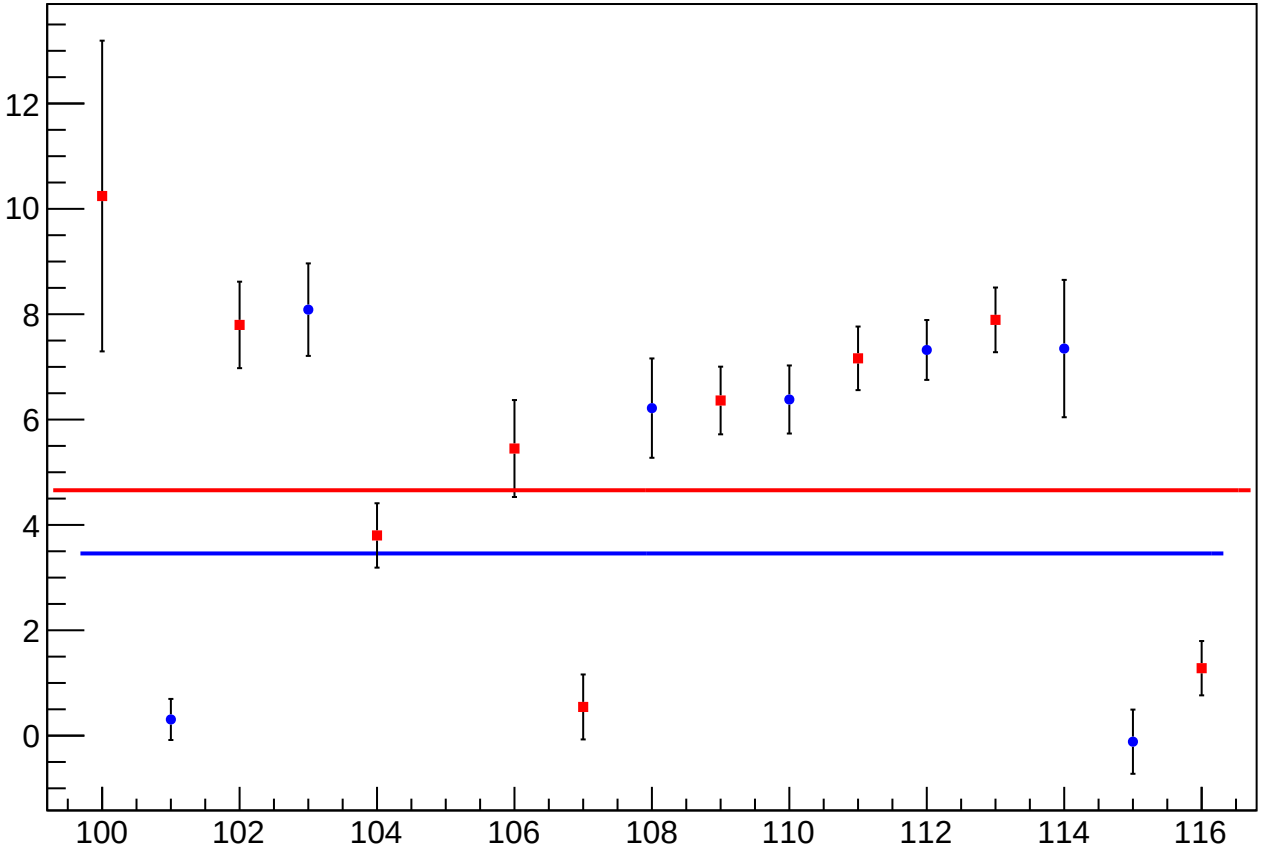
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 9.385+/-0.223 $\chi^2$/NDF: 1124.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug




Right In: 3.459+/-0.237 $\chi^2$/NDF: 211.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

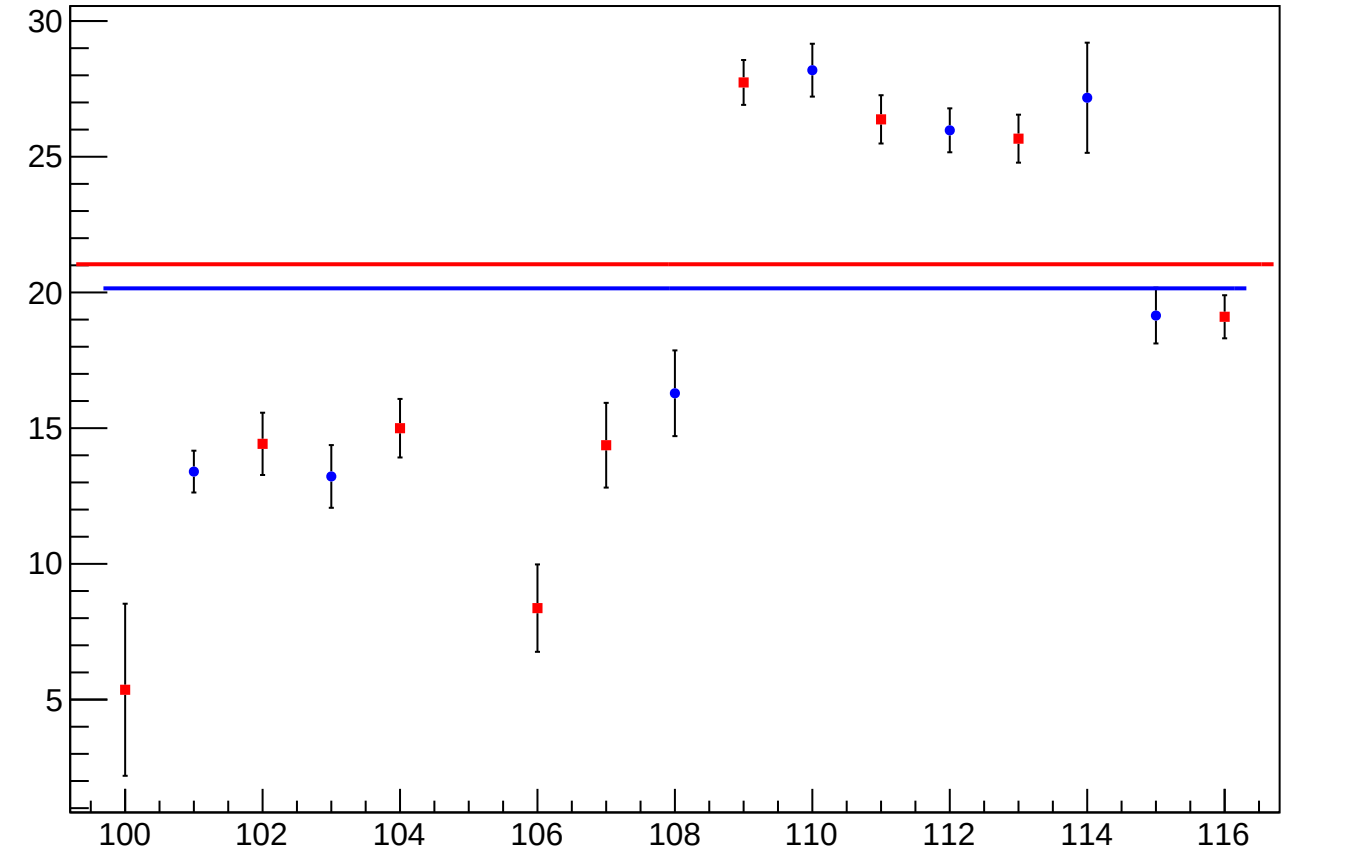
Right Out: 4.658+/-0.225 $\chi^2$/NDF: 160.4/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 4.089+/-0.163 $\chi^2$/NDF: 385.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 20.151+/-0.389 $\chi^2$/NDF: 251.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

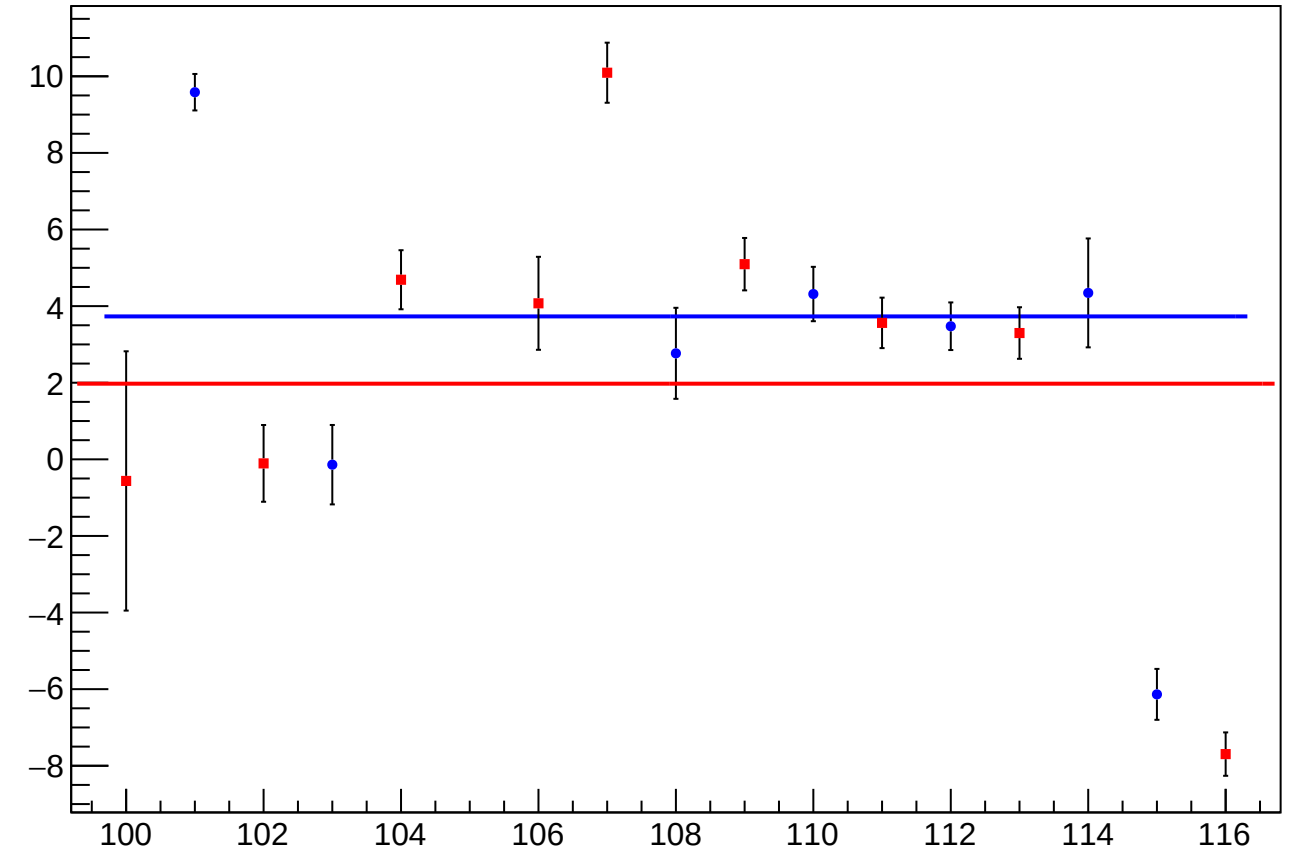
Right Out: 21.039+/-0.351 $\chi^2$/NDF: 304.2/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 20.640+/-0.261 $\chi^2$/NDF: 558.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 3.731+/-0.273 $\chi^2$/NDF: 387.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

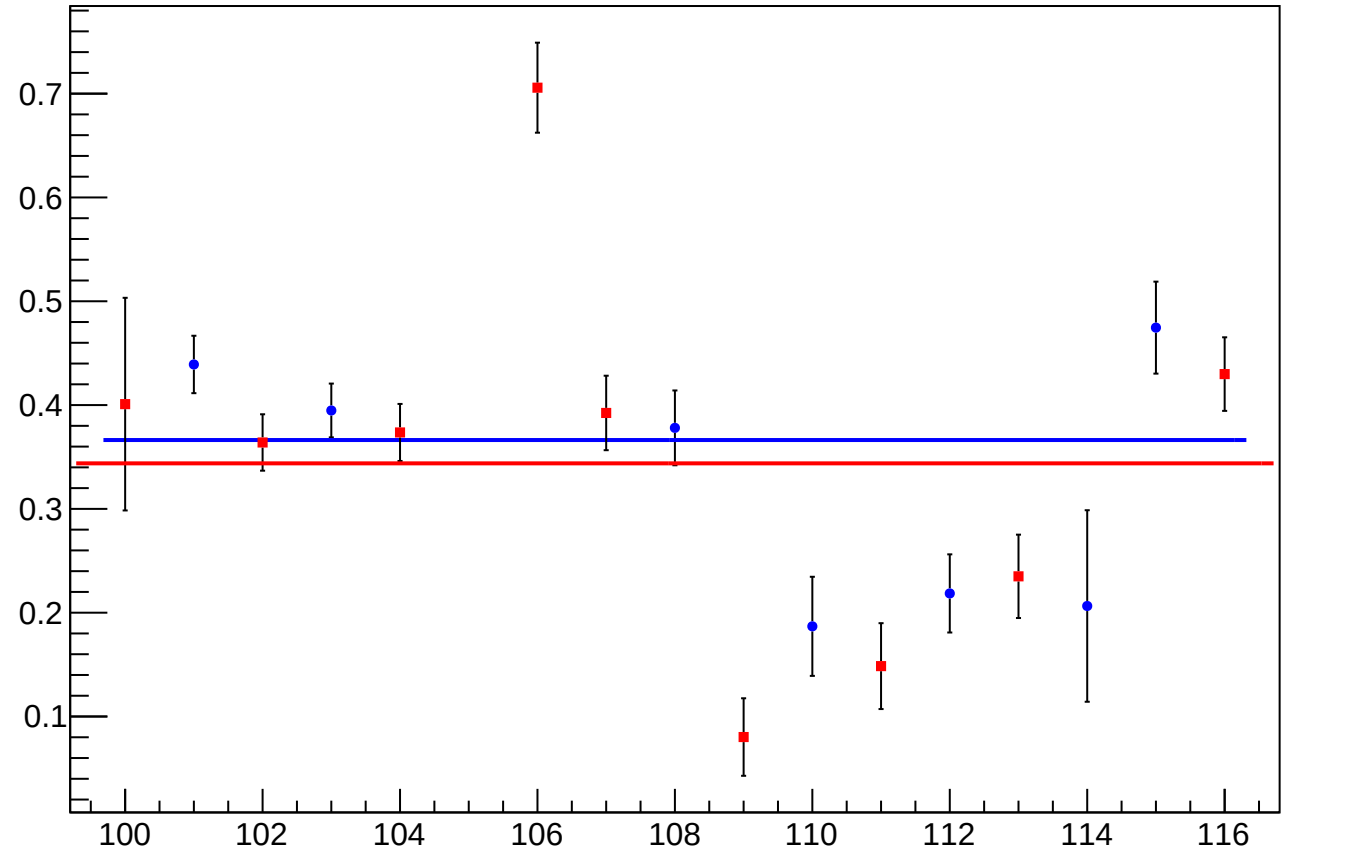
Right Out: 1.975+/-0.260 $\chi^2$/NDF: 449.3/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.808+/-0.188 $\chi^2$/NDF: 858.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 0.366+/-0.014 $\chi^2$/NDF: 46.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

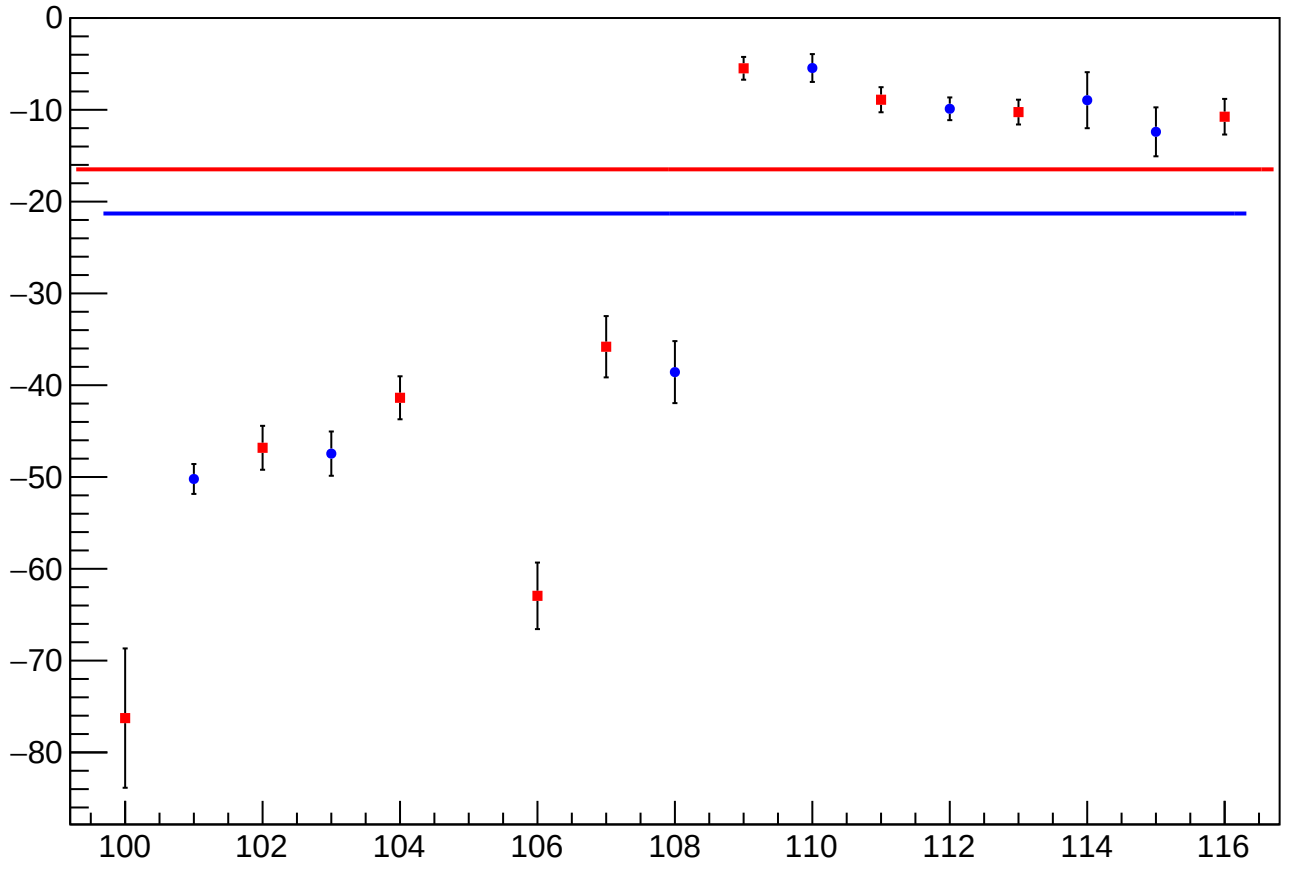
Right Out: 0.344+/-0.012 $\chi^2$/NDF: 158.9/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.354+/-0.009 $\chi^2$/NDF: 207.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -21.296+/-0.712 $\chi^2$/NDF: 680.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

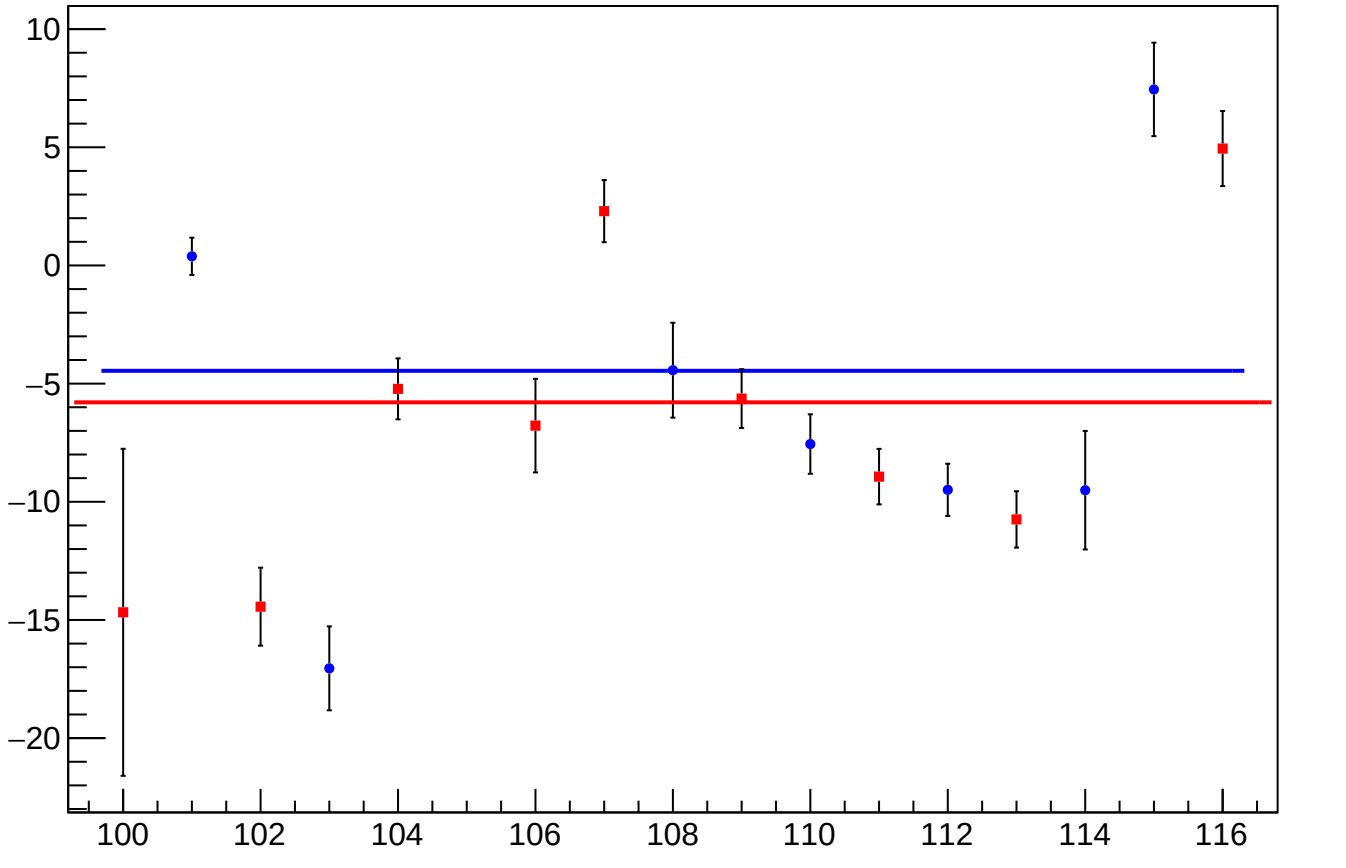
Right Out: -16.485+/-0.628 $\chi^2$/NDF: 673.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -18.589+/-0.471 $\chi^2$/NDF: 1379.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -4.458+/-0.497 $\chi^2$/NDF: 155.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

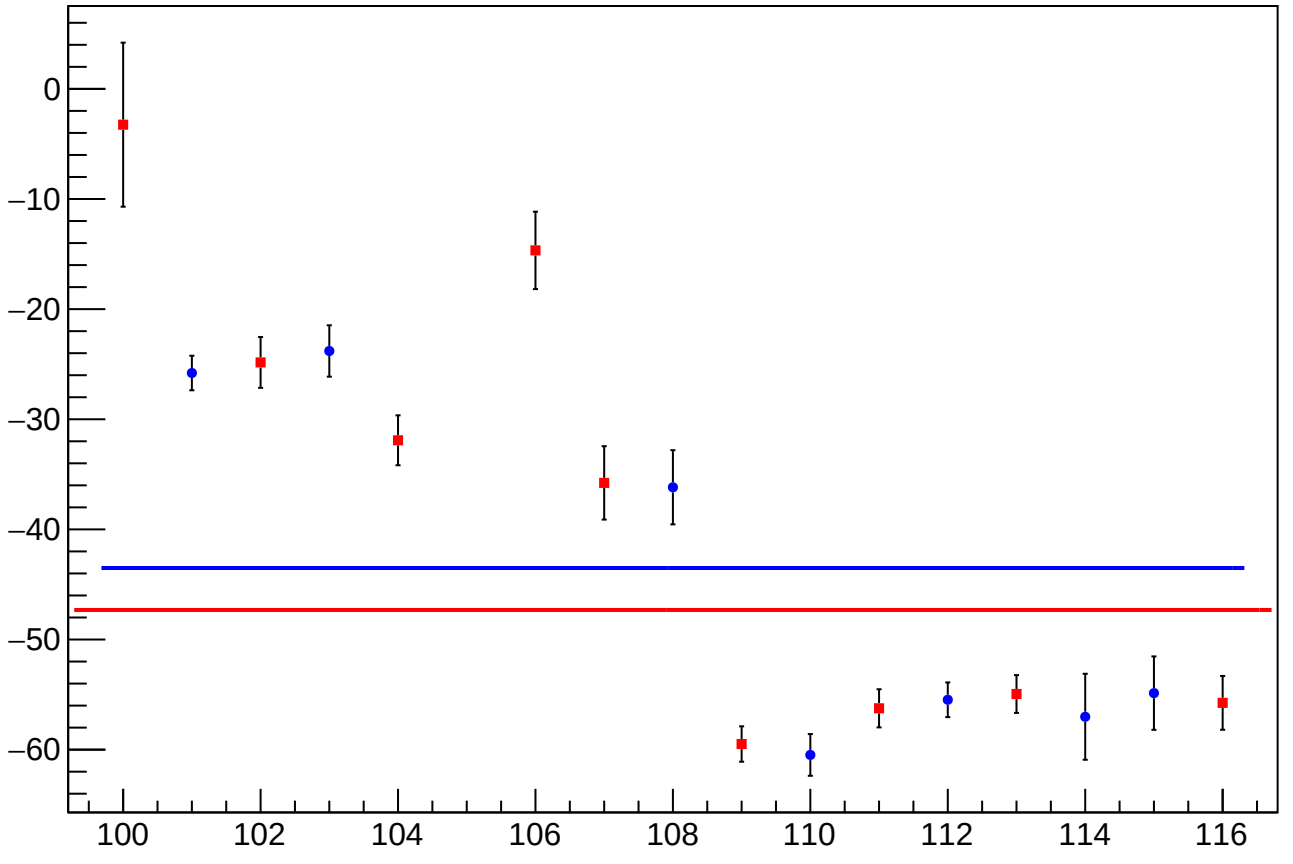
Right Out: -5.792+/-0.483 $\chi^2$/NDF: 137.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -5.145+/-0.346 $\chi^2$/NDF: 296.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -43.506+/-0.812 $\chi^2$/NDF: 364.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

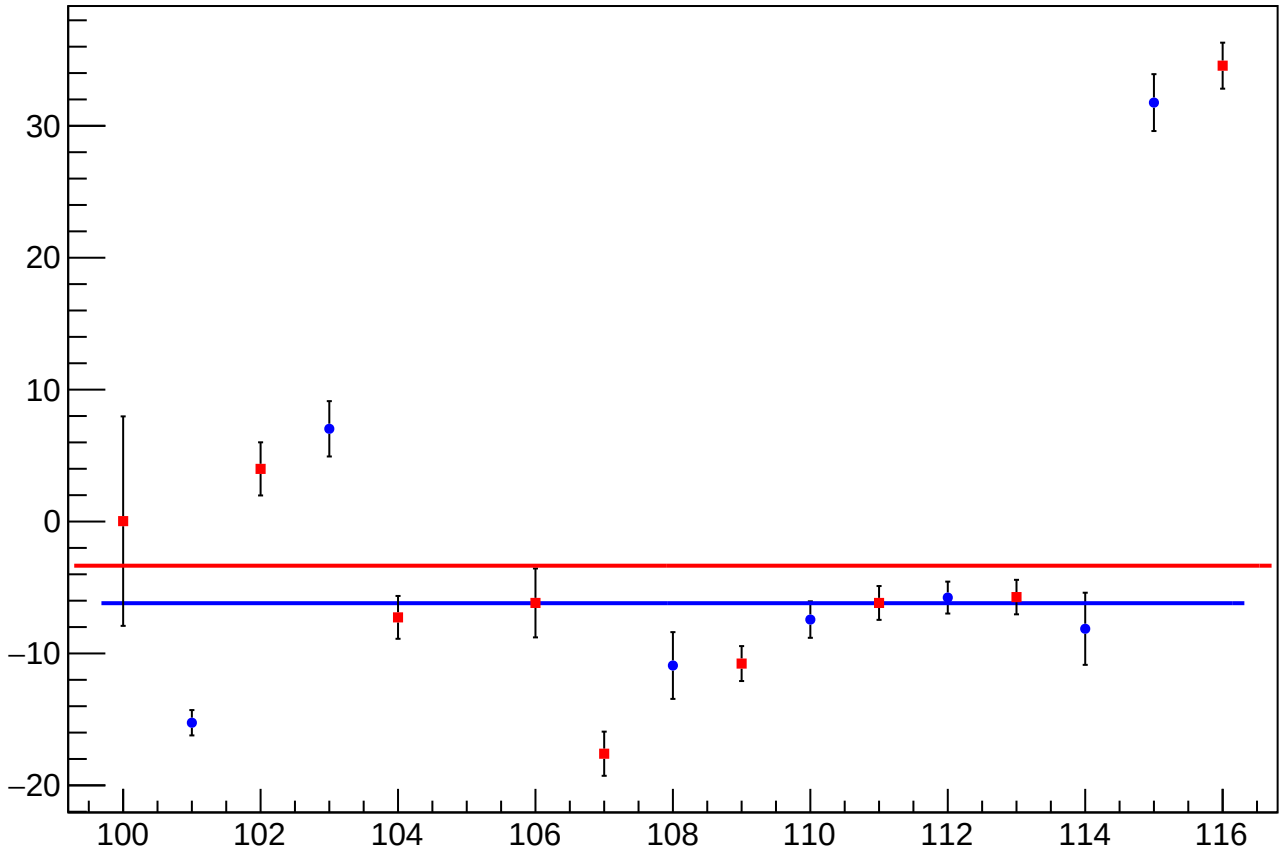
Right Out: -47.316+/-0.746 $\chi^2$/NDF: 389.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -45.574+/-0.549 $\chi^2$/NDF: 766.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -6.190+/-0.575 $\chi^2$/NDF: 443.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

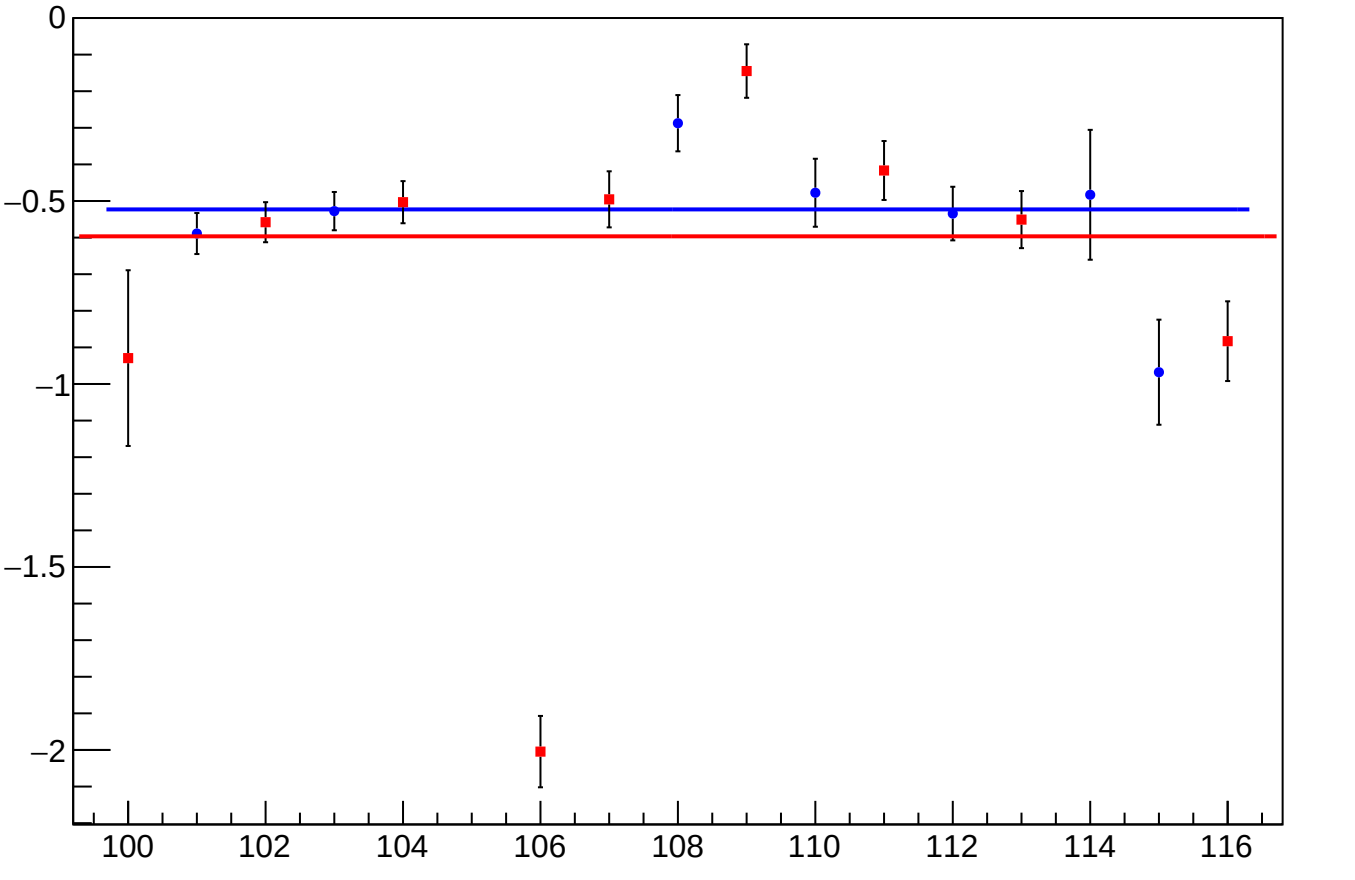
Right Out: -3.347+/-0.556 $\chi^2$/NDF: 604.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -4.720+/-0.400 $\chi^2$/NDF: 1060.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -0.523+/-0.028 $\chi^2$/NDF: 20.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -0.597+/-0.026 $\chi^2$/NDF: 265.7/8

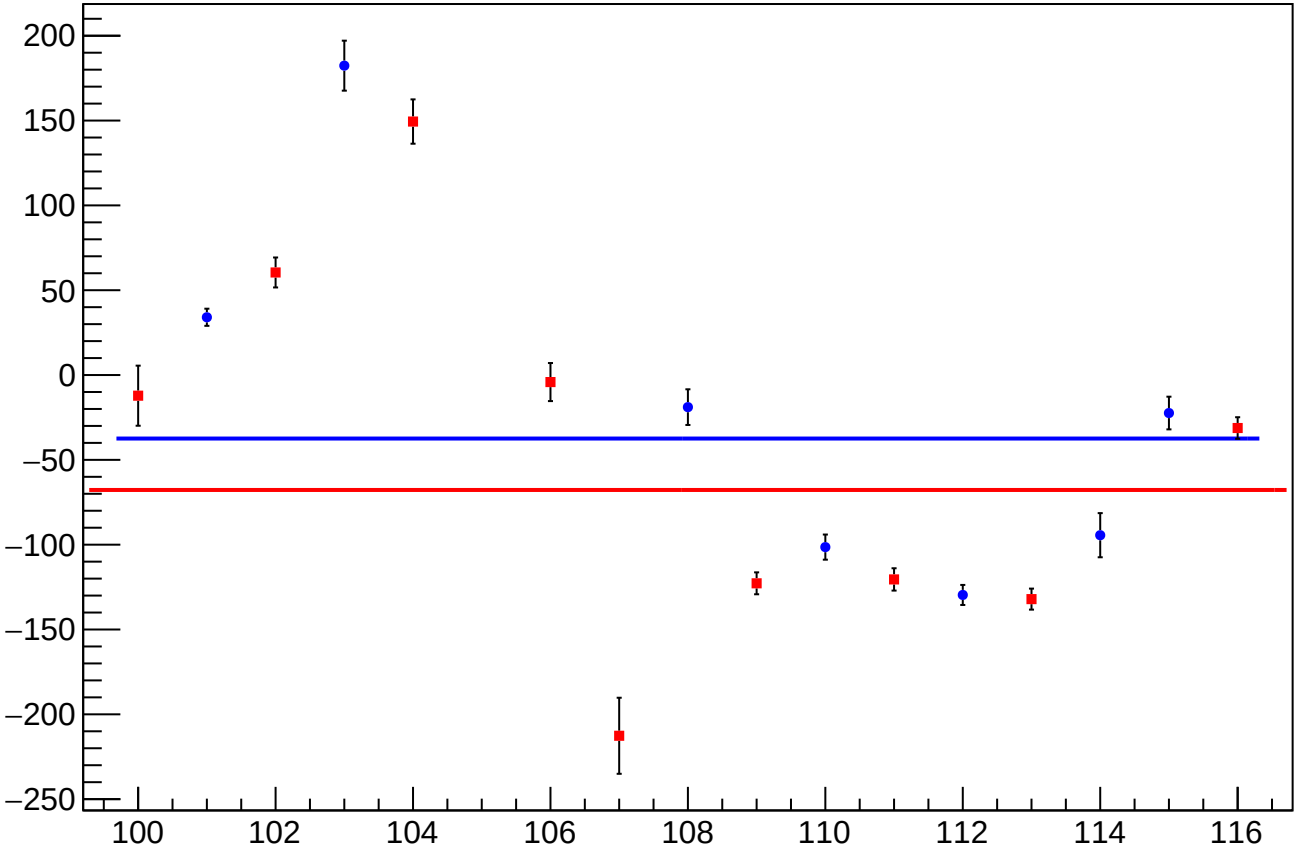
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -0.564+/-0.019 $\chi^2$/NDF: 290.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1_diff_bpm4aX_slope vs Slug




Right In: -37.434+/-2.931 $\chi^2$/NDF: 765.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -67.748+/-2.777 $\chi^2$/NDF: 848.5/8

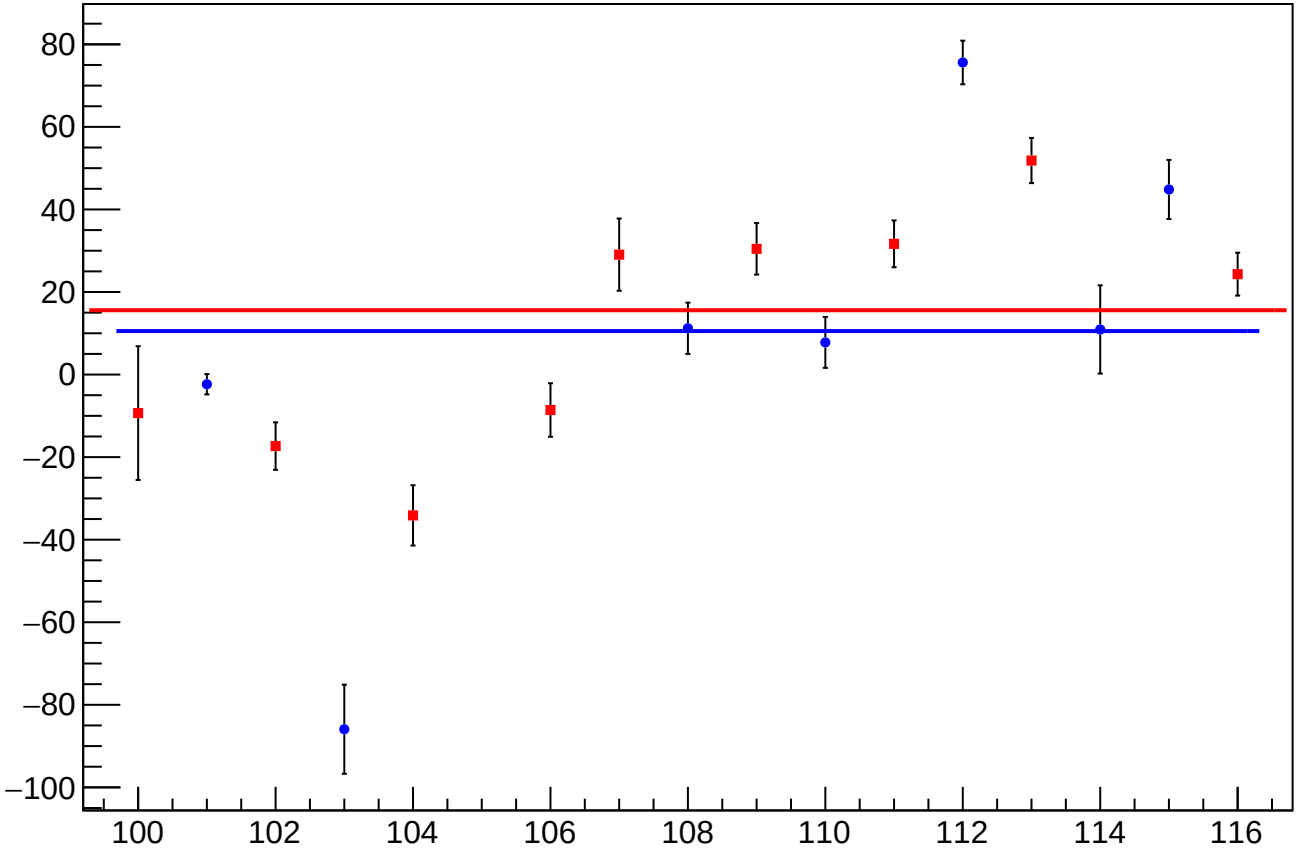
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -53.408+/-2.016 $\chi^2$/NDF: 1670.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1_diff_bpm4aY_slope vs Slug




Right In: 10.536+/-1.858 $\chi^2$/NDF: 282.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 15.581+/-2.147 $\chi^2$/NDF: 158.1/8

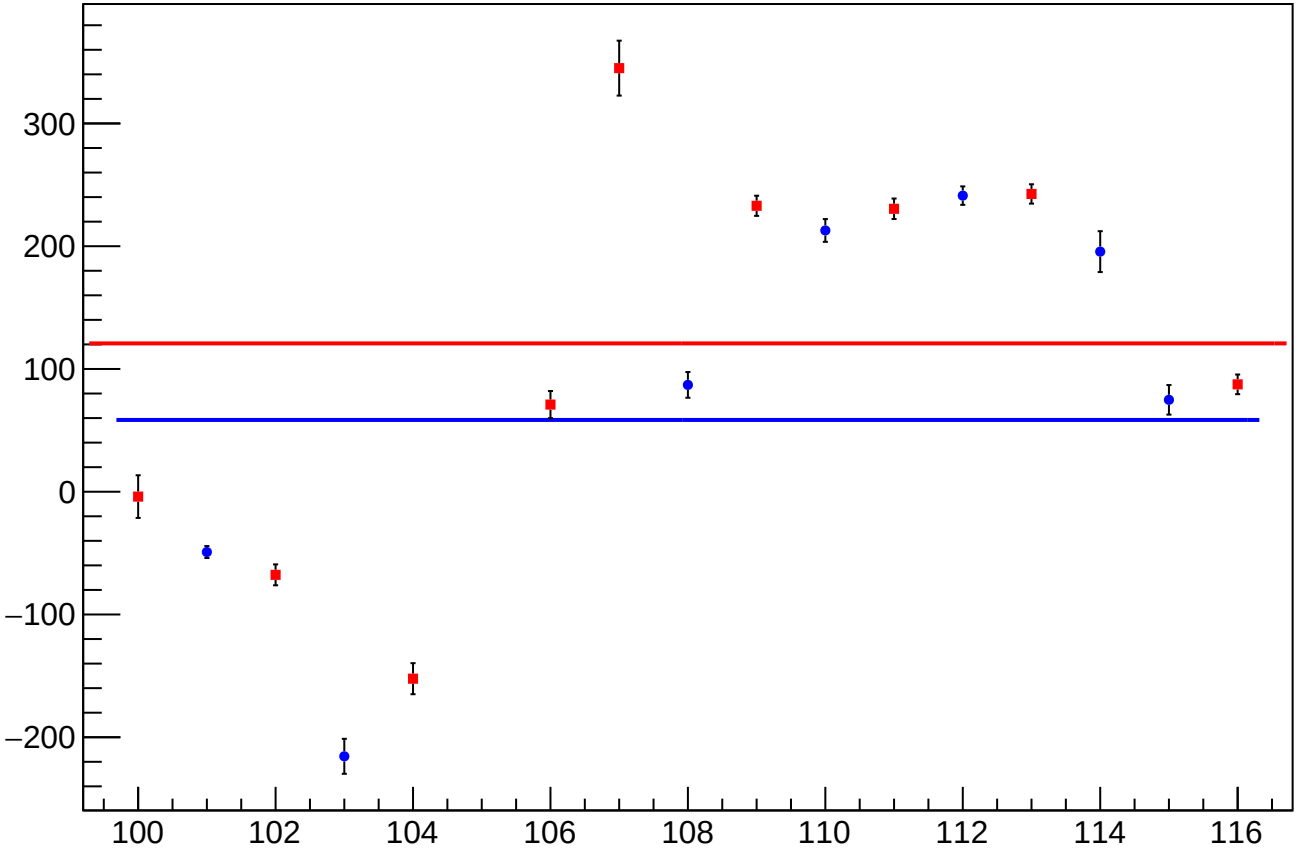
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 12.696+/-1.405 $\chi^2$/NDF: 443.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1_diff_bpm4eX_slope vs Slug




Right In: 58.481+/-3.227 $\chi^2$/NDF: 1803.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 120.834+/-3.254 $\chi^2$/NDF: 1744.3/8

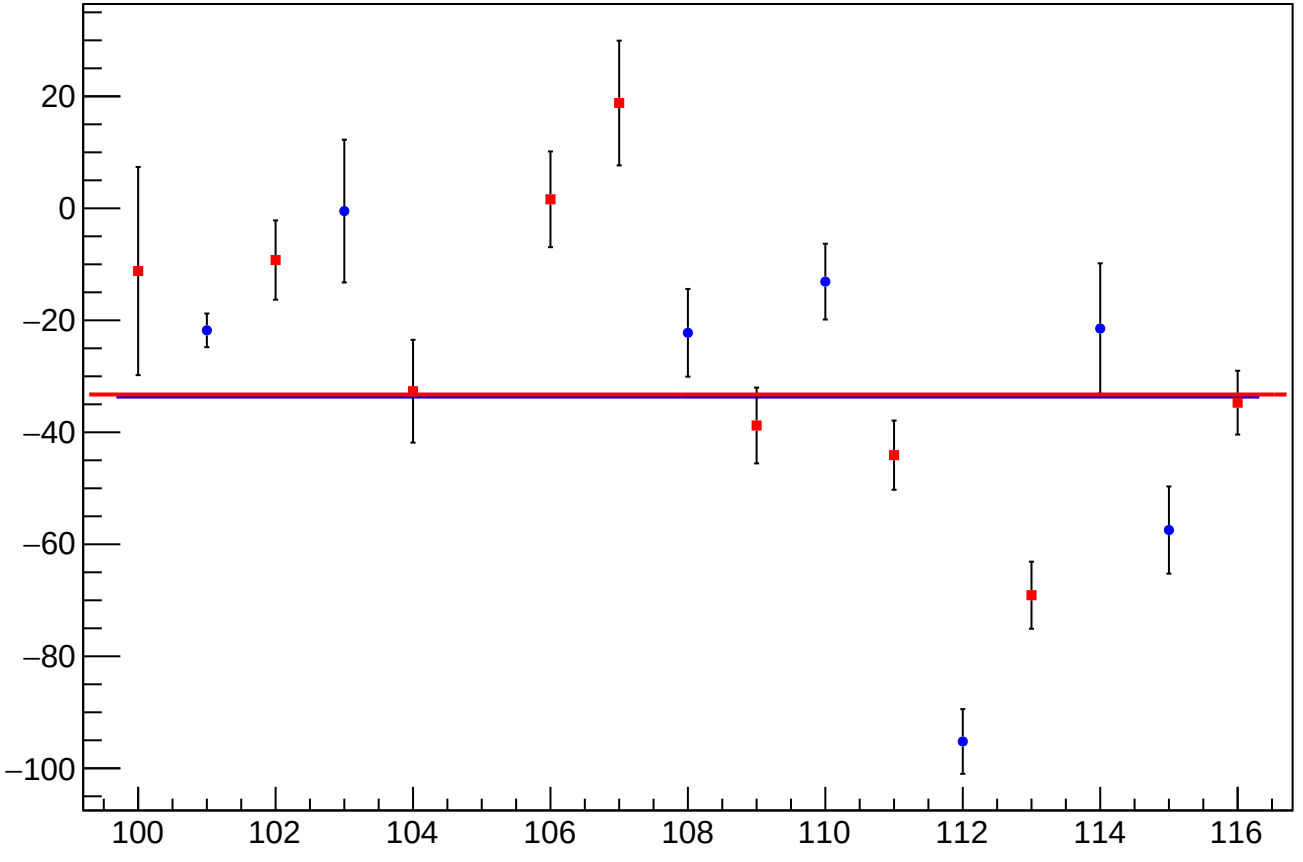
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 89.397+/-2.291 $\chi^2$/NDF: 3732.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1_diff_bpm4eY_slope vs Slug




Right In: -33.616+/-2.187 $\chi^2$/NDF: 157.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -33.249+/-2.477 $\chi^2$/NDF: 90.9/8

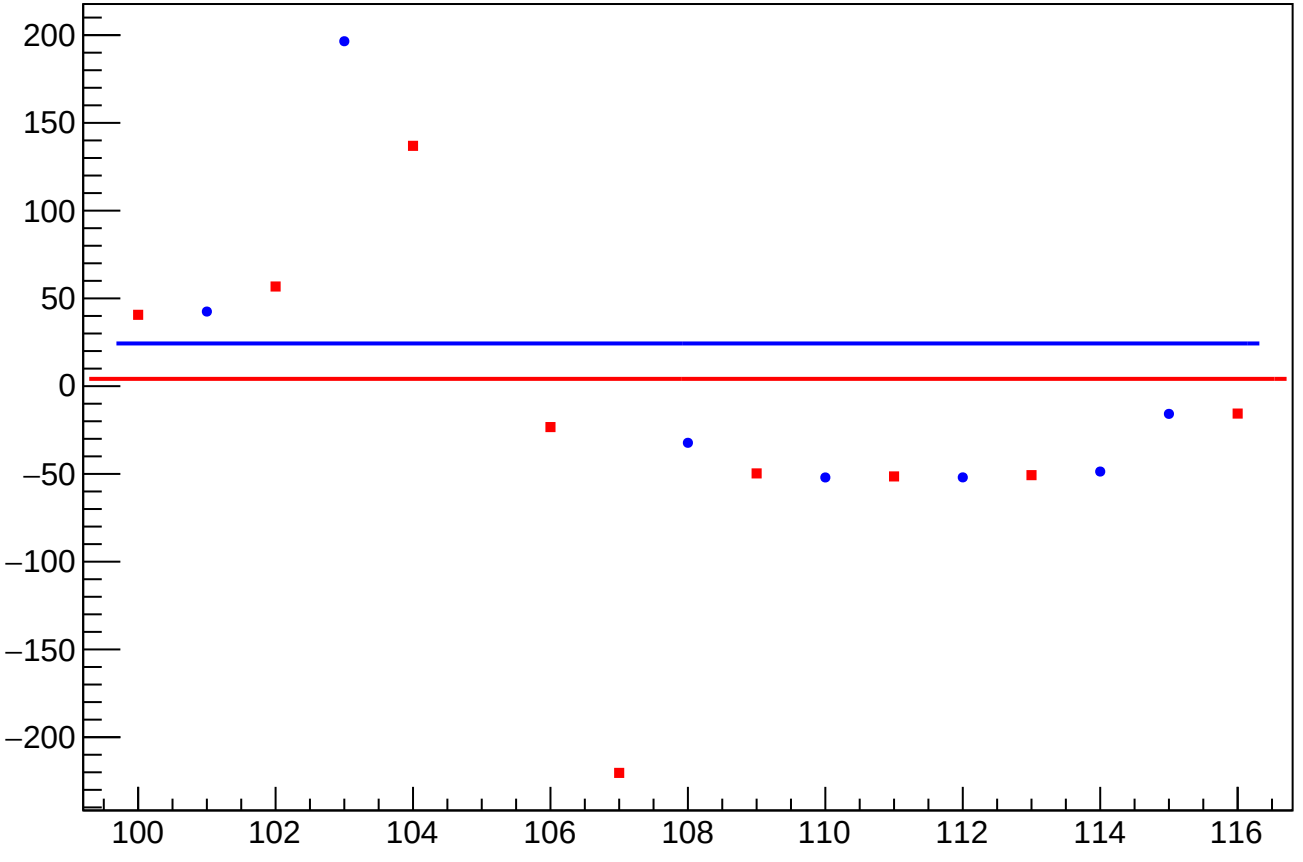
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -33.456+/-1.639 $\chi^2$/NDF: 248.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1_diff_bpm12X_slope vs Slug




Right In: 24.329+/-0.113 $\chi^2$/NDF: 449521.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 4.156+/-0.109 $\chi^2$/NDF: 513501.0/8

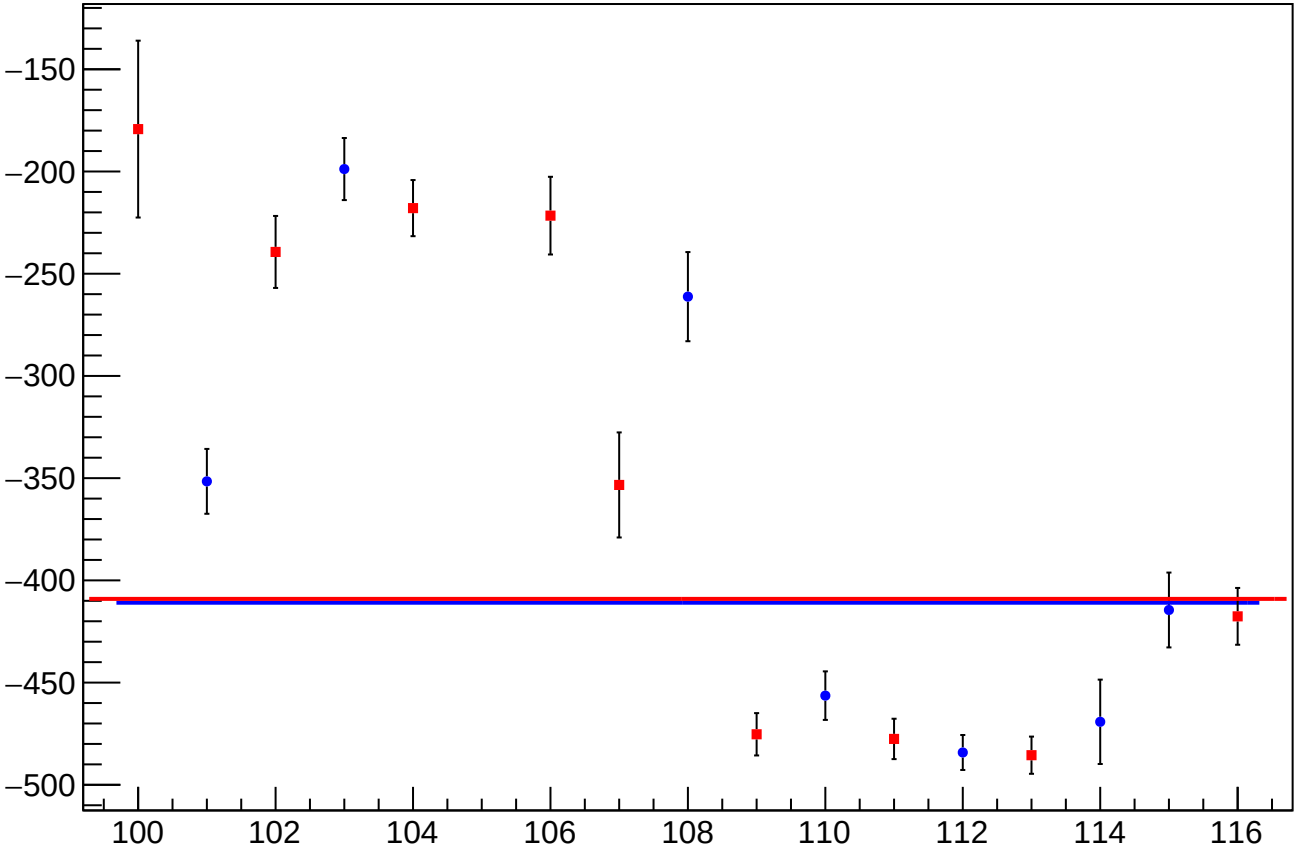
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 13.900+/-0.078 $\chi^2$/NDF: 979605.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl2_diff_bpm4aX_slope vs Slug




Right In: -410.926+/-5.233 $\chi^2$/NDF: 352.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -409.053+/-4.464 $\chi^2$/NDF: 577.0/8

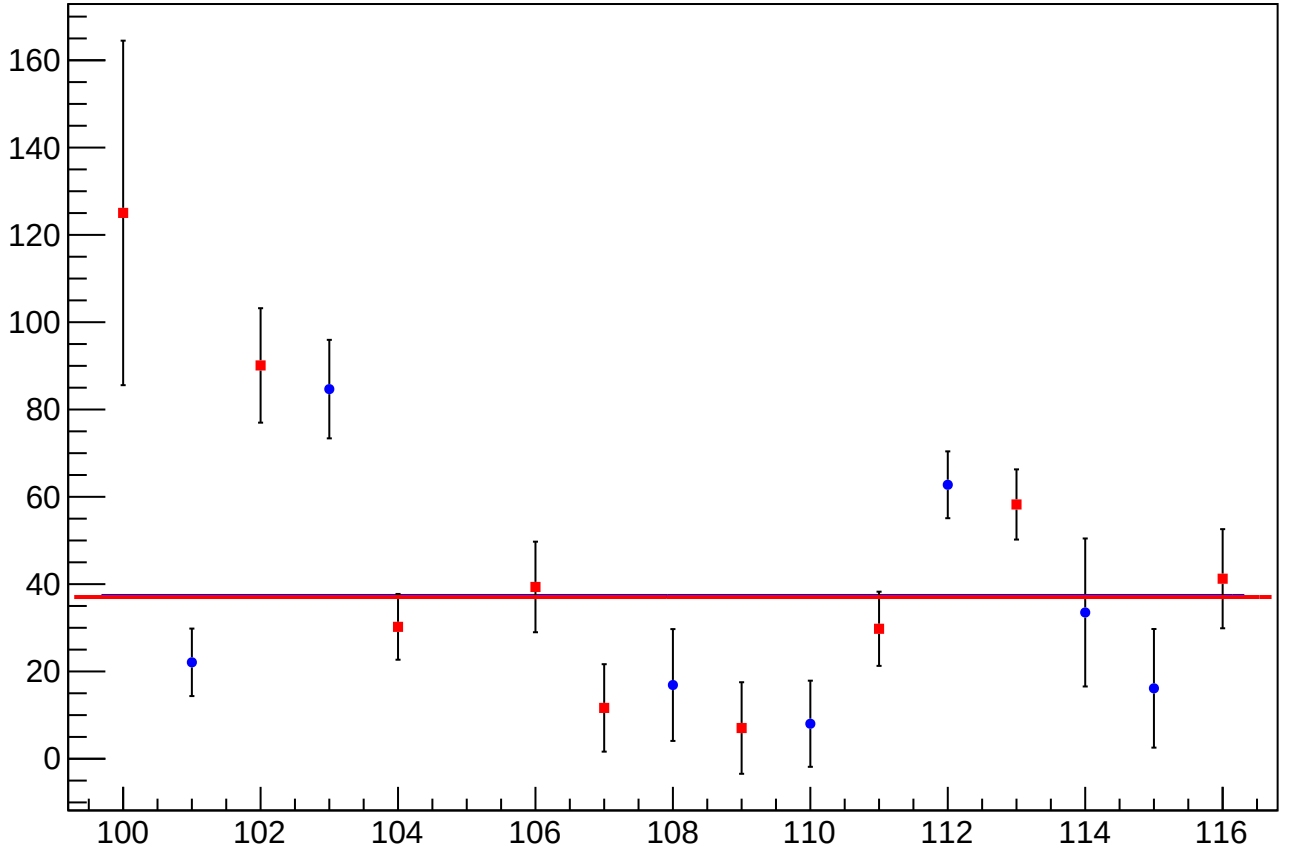
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -409.842+/-3.396 $\chi^2$/NDF: 929.5/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl2_diff_bpm4aY_slope vs Slug




Right In: 37.286+/-3.866 $\chi^2$/NDF: 46.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 37.049+/-3.342 $\chi^2$/NDF: 44.7/8

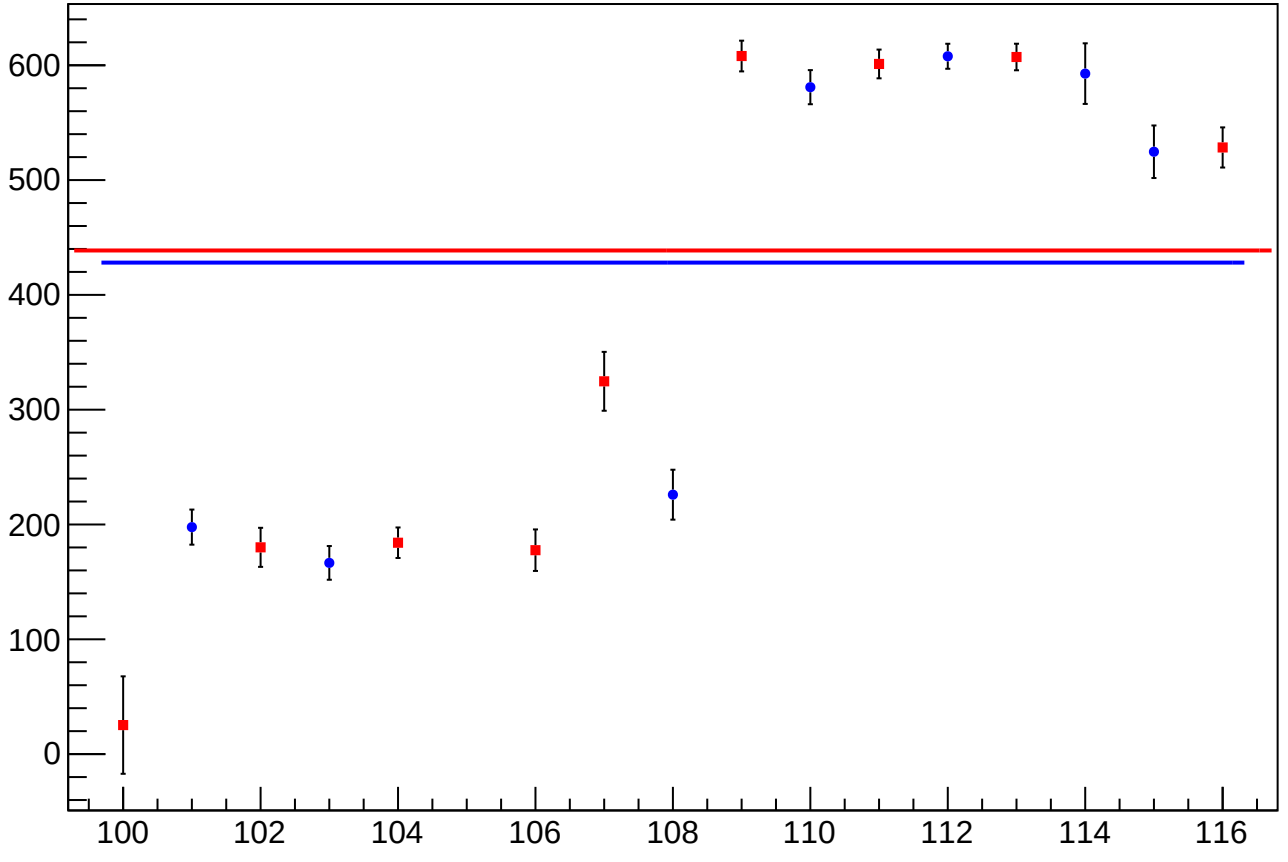
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 37.151+/-2.528 $\chi^2$/NDF: 91.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl2_diff_bpm4eX_slope vs Slug




Right In: 428.116+/-6.048 $\chi^2$/NDF: 1065.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 438.677+/-5.201 $\chi^2$/NDF: 1488.3/8

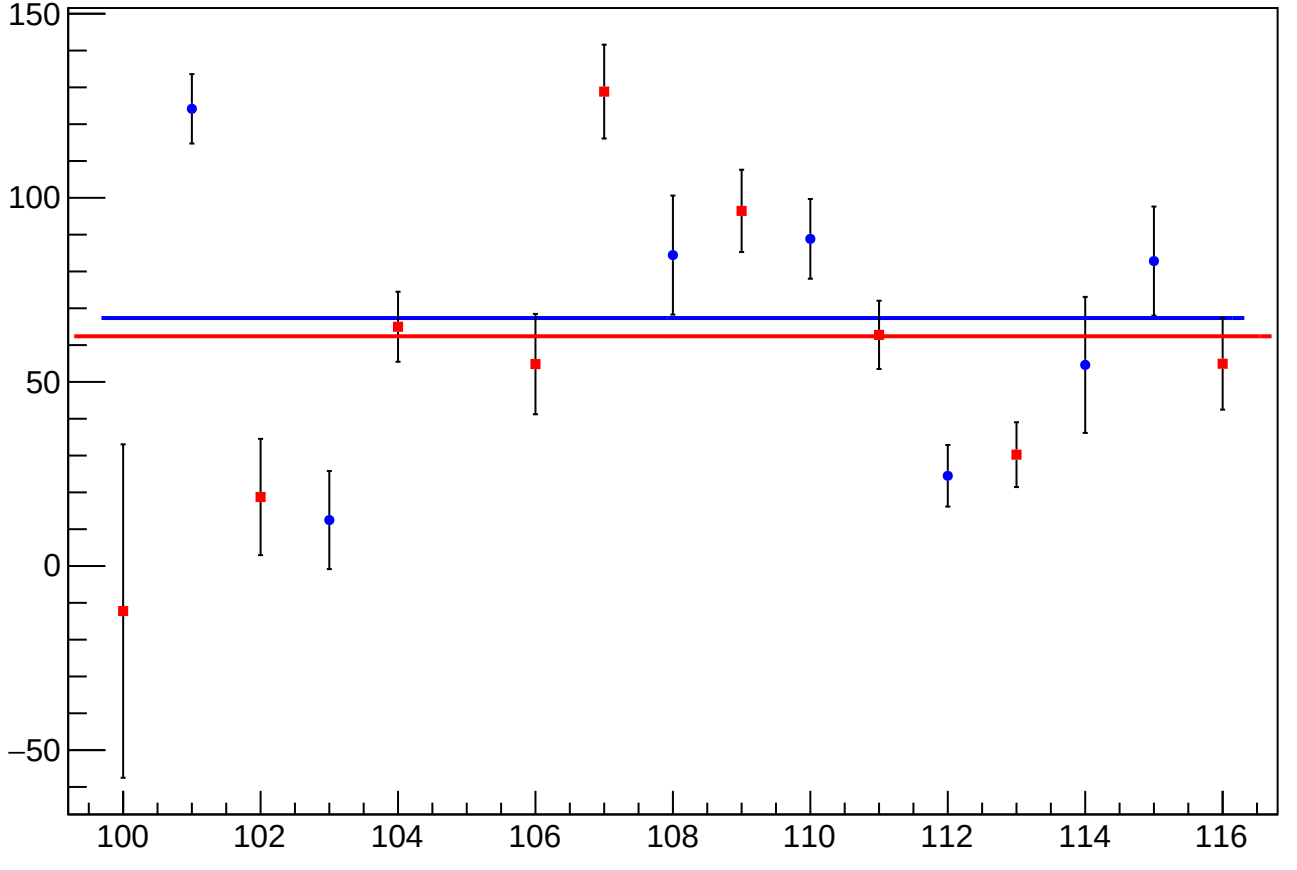
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 434.187+/-3.944 $\chi^2$/NDF: 2555.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl2_diff_bpm4eY_slope vs Slug




Right In: 67.352+/-4.428 $\chi^2$/NDF: 86.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 62.401+/-3.891 $\chi^2$/NDF: 60.9/8

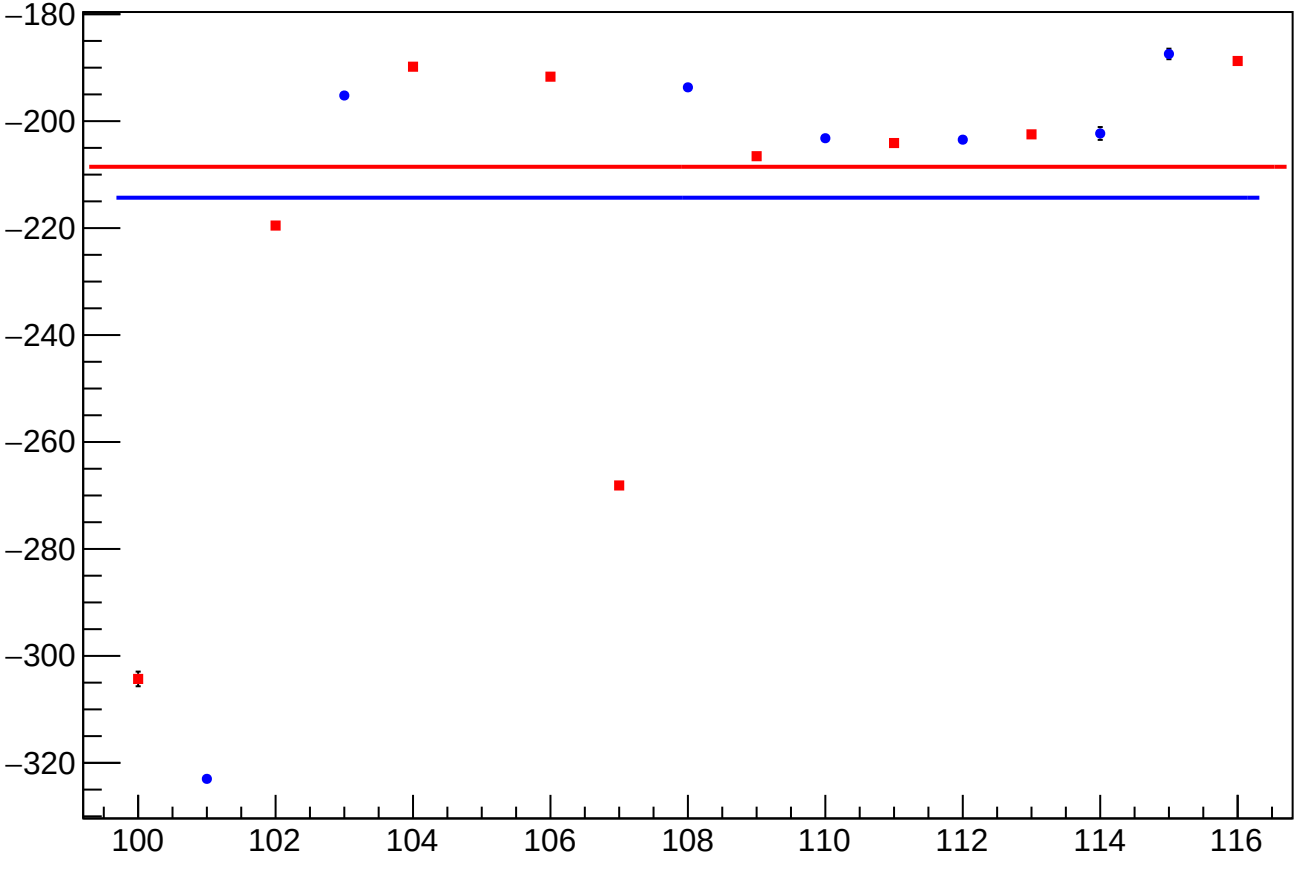
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 64.558+/-2.923 $\chi^2$/NDF: 147.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl2_diff_bpm12X_slope vs Slug




Right In: -214.316+/-0.204 $\chi^2$/NDF: 45554.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -208.534+/-0.174 $\chi^2$/NDF: 20723.6/8

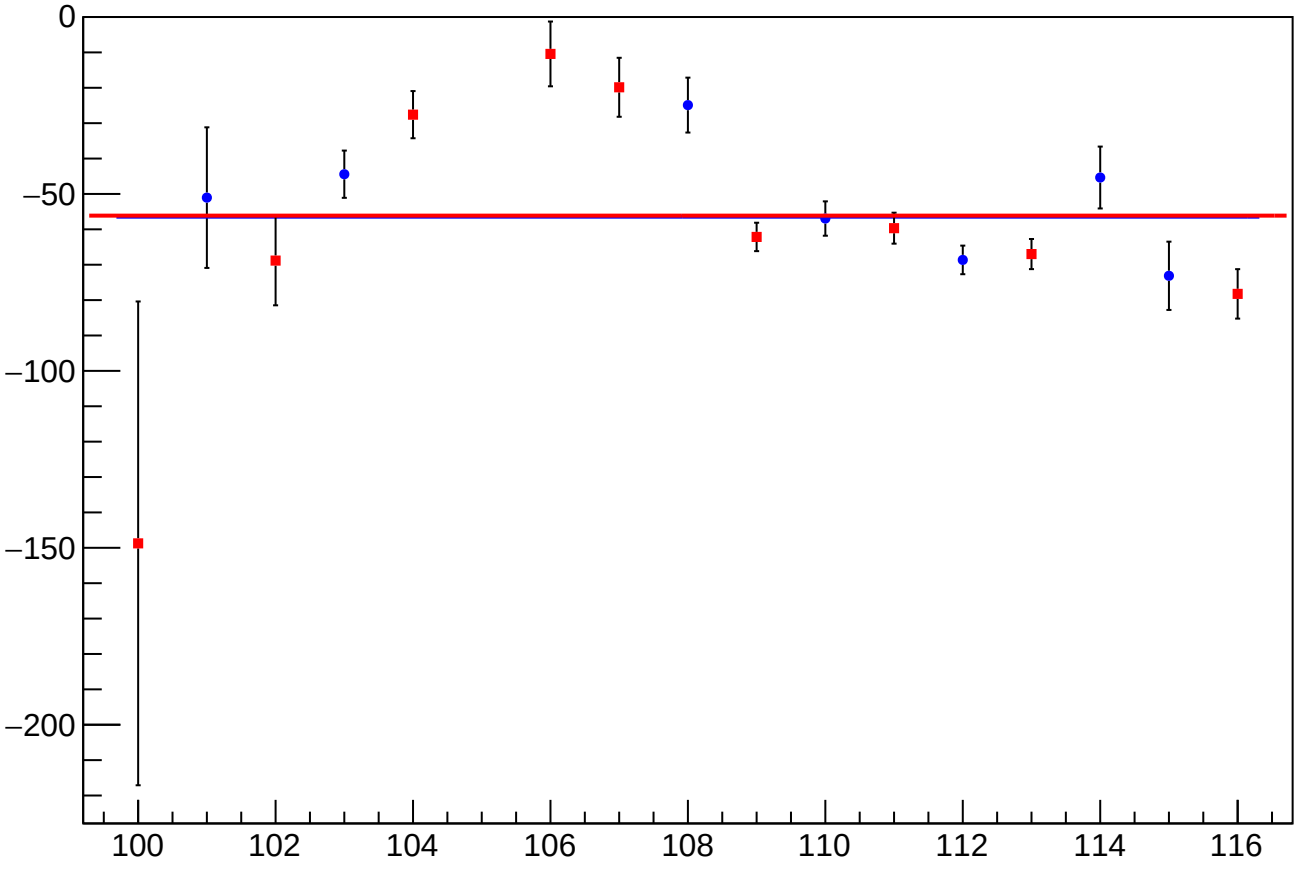
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -210.973+/-0.132 $\chi^2$/NDF: 66742.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1_diff_bpm4aX_slope vs Slug




Right In: -56.417+/-2.432 $\chi^2$/NDF: 33.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -56.129+/-2.019 $\chi^2$/NDF: 84.5/8

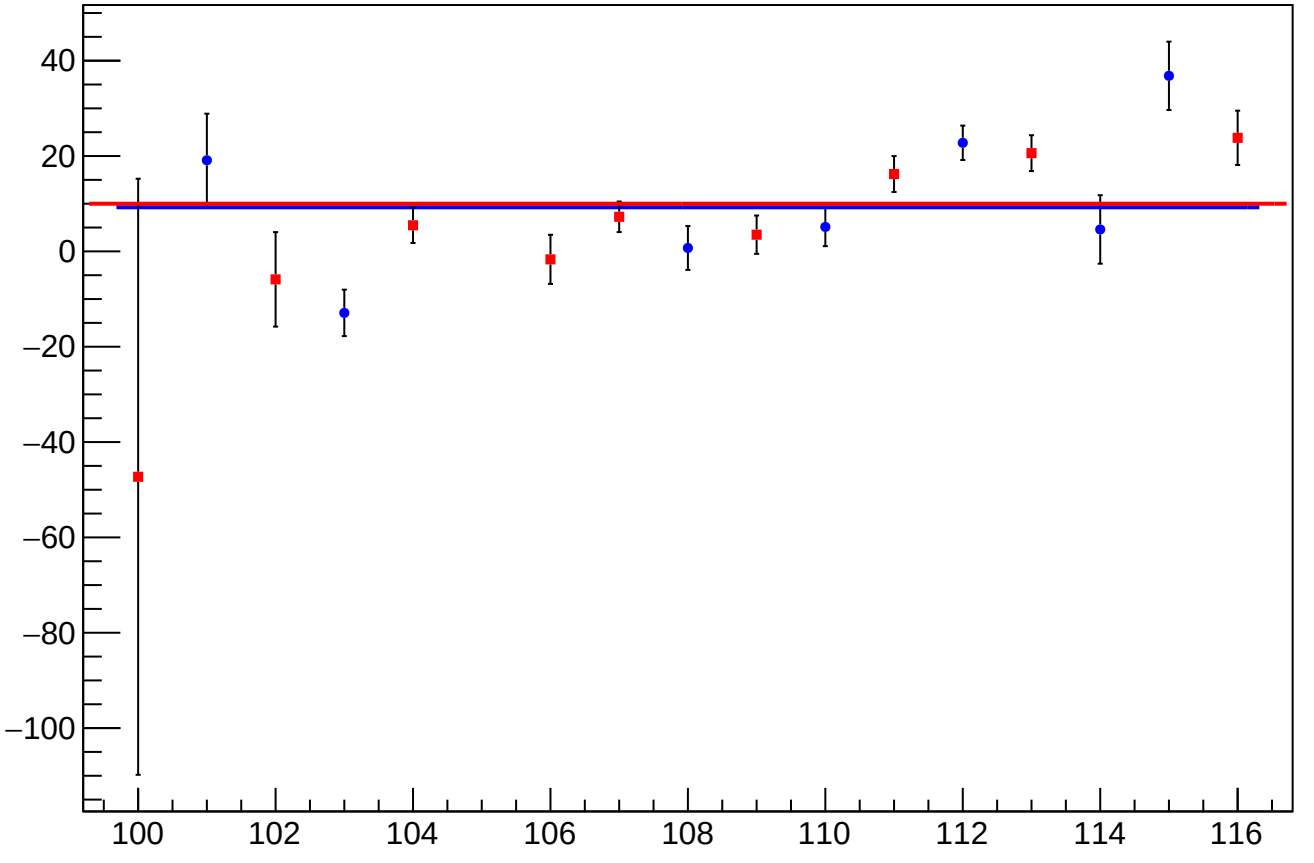
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -56.246+/-1.554 $\chi^2$/NDF: 118.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1_diff_bpm4aY_slope vs Slug




Right In: 9.250+/-1.900 $\chi^2$/NDF: 55.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 9.998+/-1.488 $\chi^2$/NDF: 29.9/8

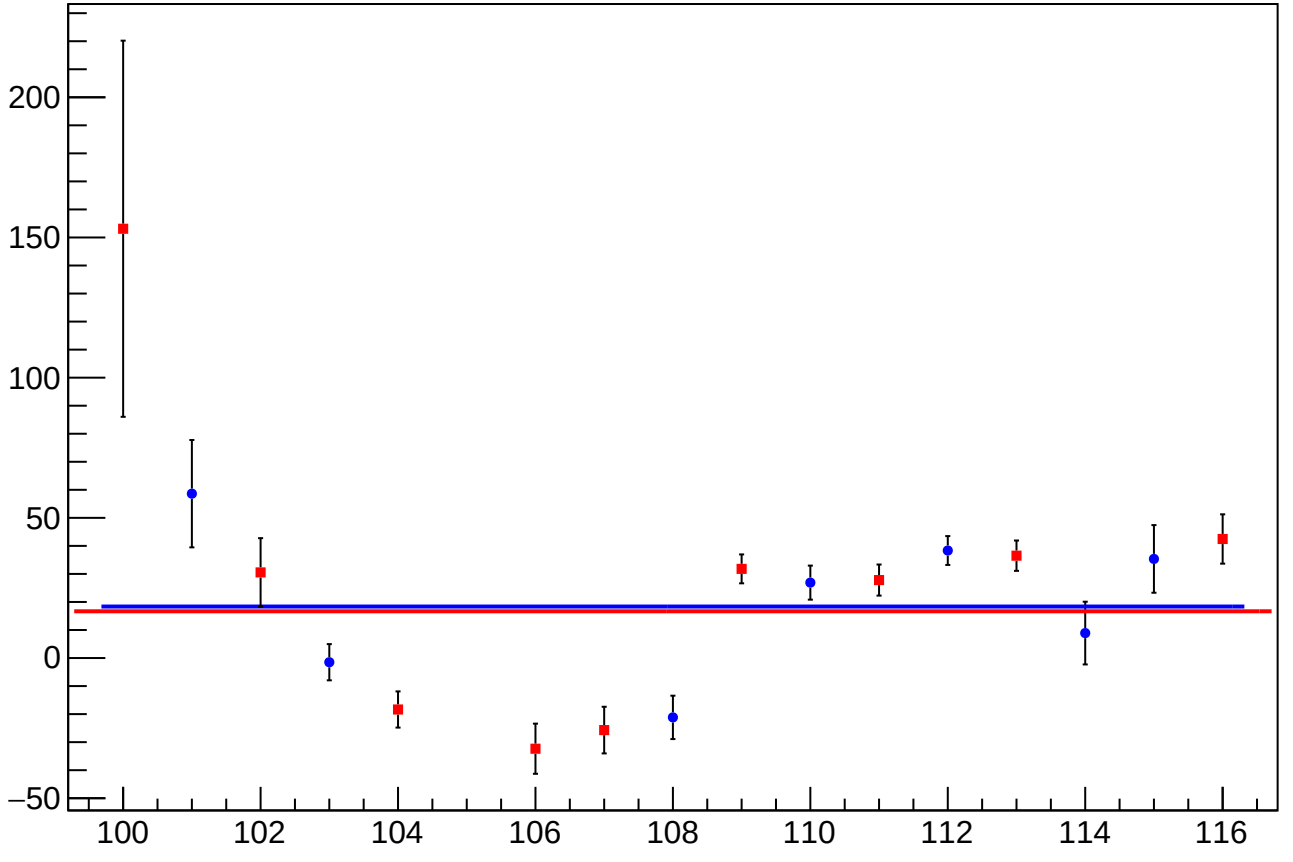
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 9.714+/-1.171 $\chi^2$/NDF: 85.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1_diff_bpm4eX_slope vs Slug




Right In: 18.370+/-2.849 $\chi^2$/NDF: 59.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 16.671+/-2.390 $\chi^2$/NDF: 125.5/8

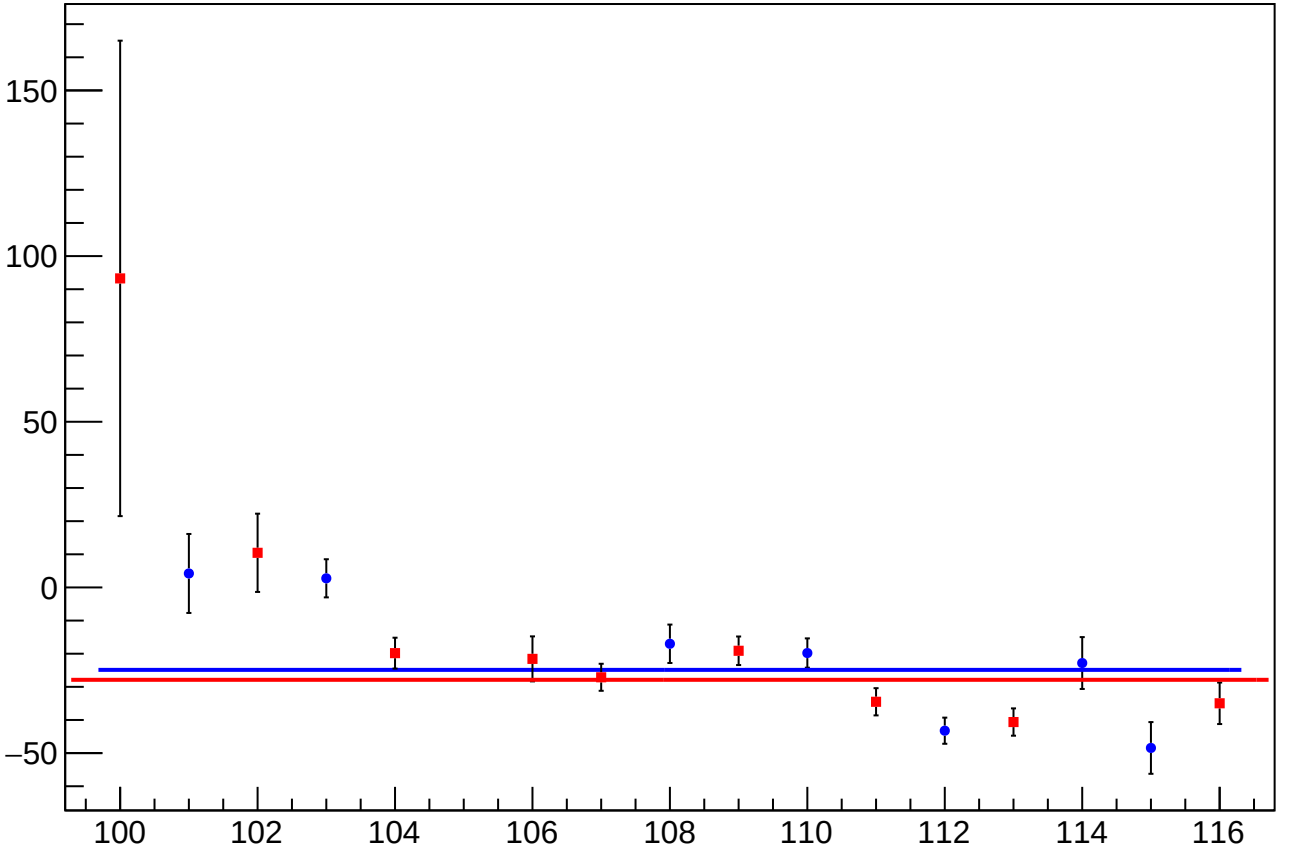
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 17.373+/-1.831 $\chi^2$/NDF: 185.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1_diff_bpm4eY_slope vs Slug




Right In: -24.879+/-2.156 $\chi^2$/NDF: 63.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -27.879+/-1.733 $\chi^2$/NDF: 34.9/8

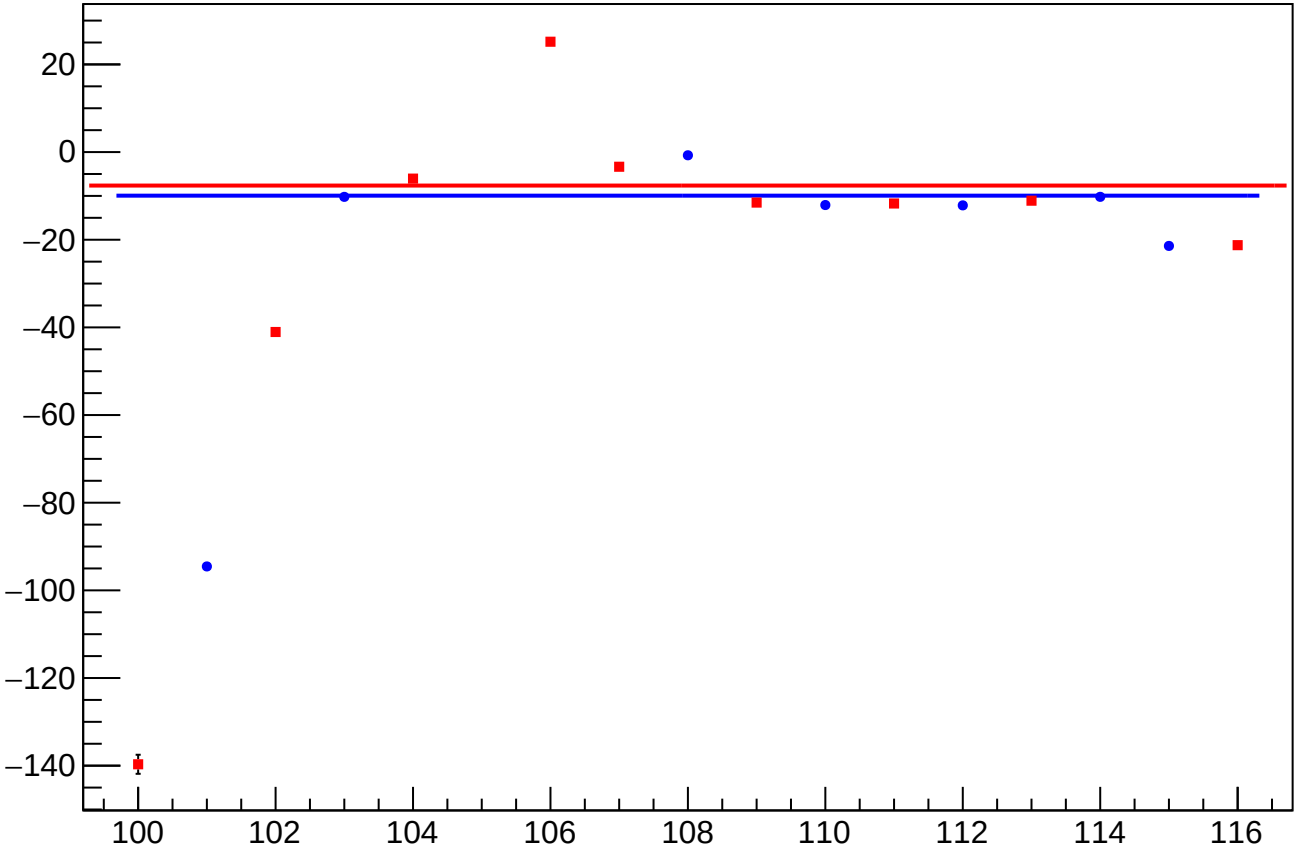
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -26.701+/-1.351 $\chi^2$/NDF: 99.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1_diff_bpm12X_slope vs Slug




Right In: -9.945+/-0.092 $\chi^2$/NDF: 18569.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -7.640+/-0.080 $\chi^2$/NDF: 39299.6/8

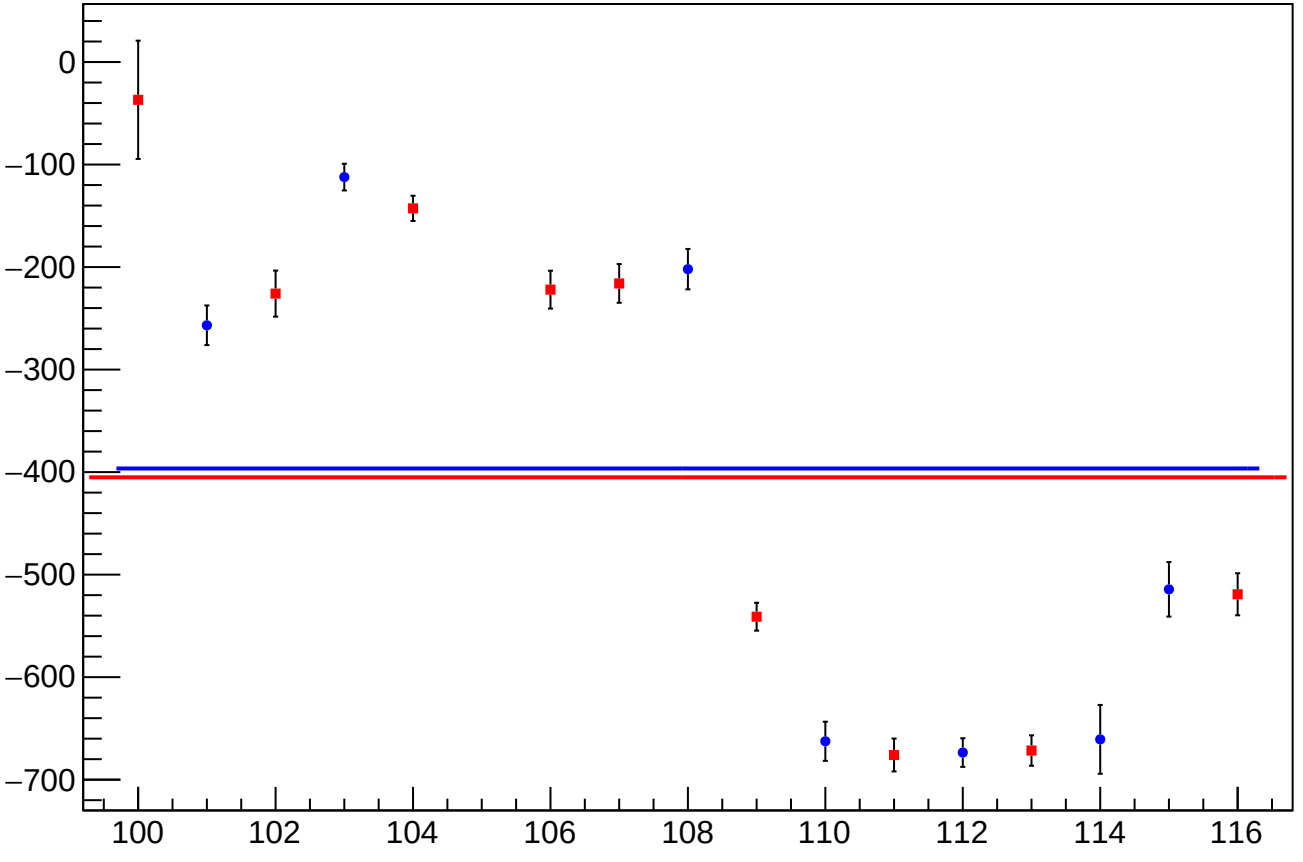
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -8.639+/-0.060 $\chi^2$/NDF: 58226.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr2_diff_bpm4aX_slope vs Slug




Right In: -396.453+/-6.850 $\chi^2$/NDF: 1295.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -405.087+/-5.694 $\chi^2$/NDF: 1496.6/8

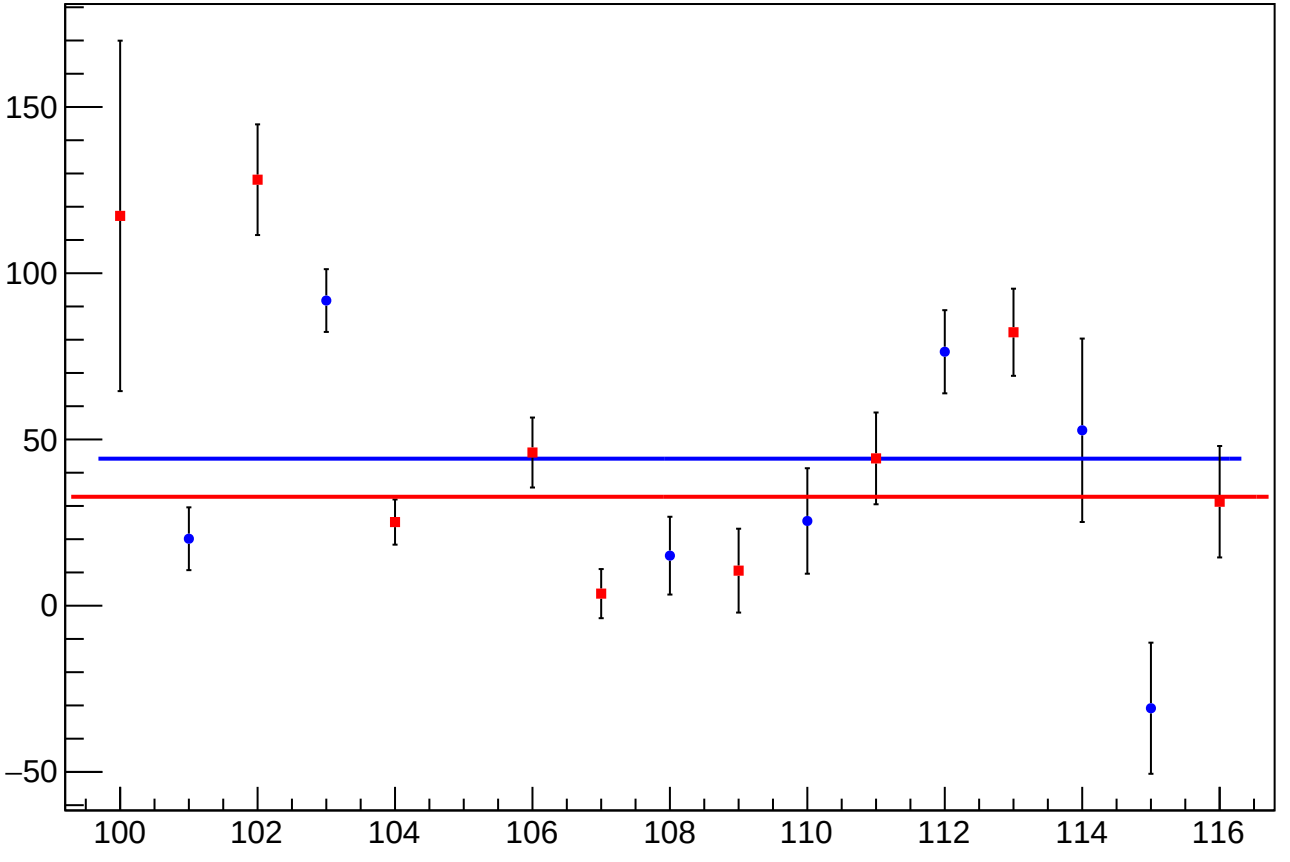
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -401.559+/-4.379 $\chi^2$/NDF: 2792.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr2_diff_bpm4aY_slope vs Slug




Right In: 44.222+/-4.768 $\chi^2$/NDF: 60.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 32.764+/-3.679 $\chi^2$/NDF: 71.9/8

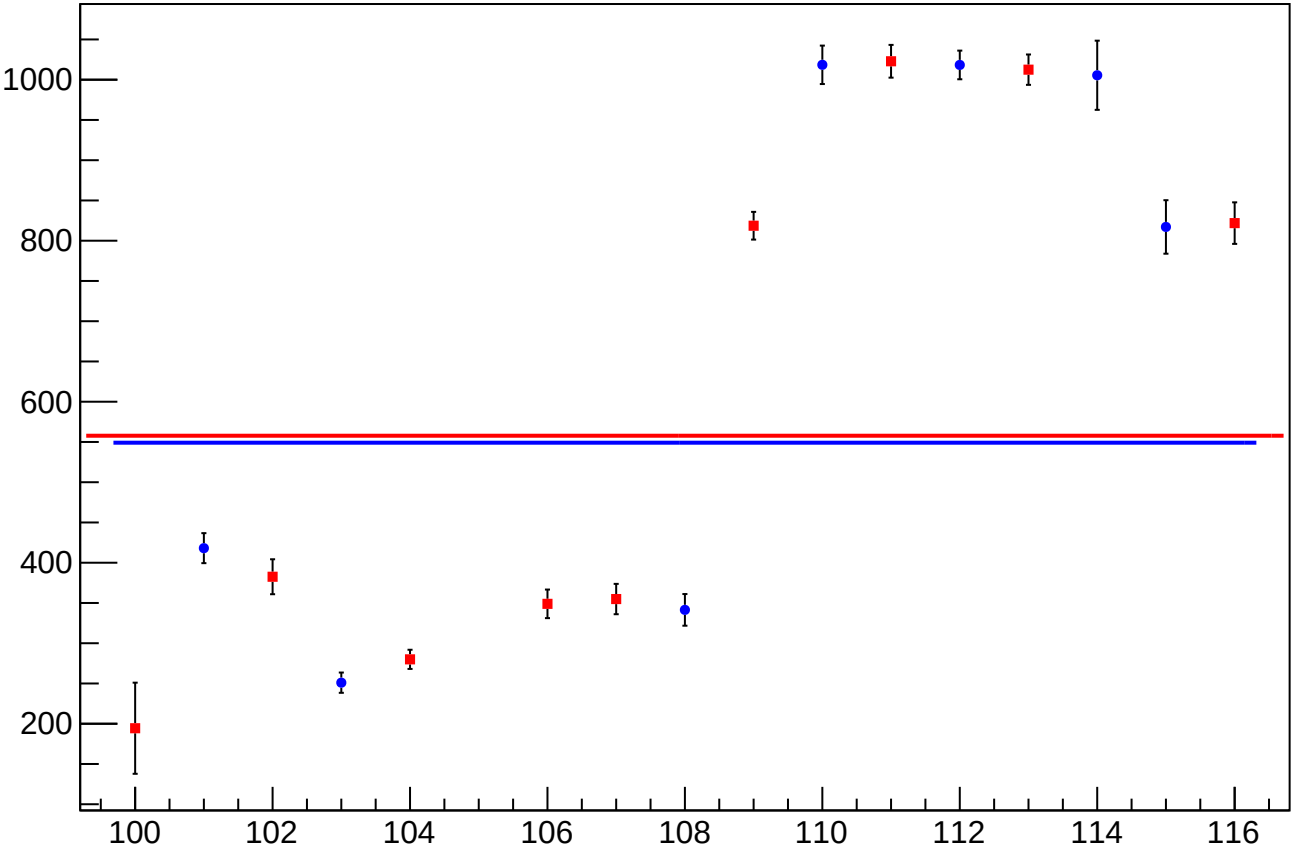
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 37.040+/-2.913 $\chi^2$/NDF: 136.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr2_diff_bpm4eX_slope vs Slug




Right In: 549.095+/-7.426 $\chi^2$/NDF: 1981.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 557.756+/-6.252 $\chi^2$/NDF: 2343.6/8

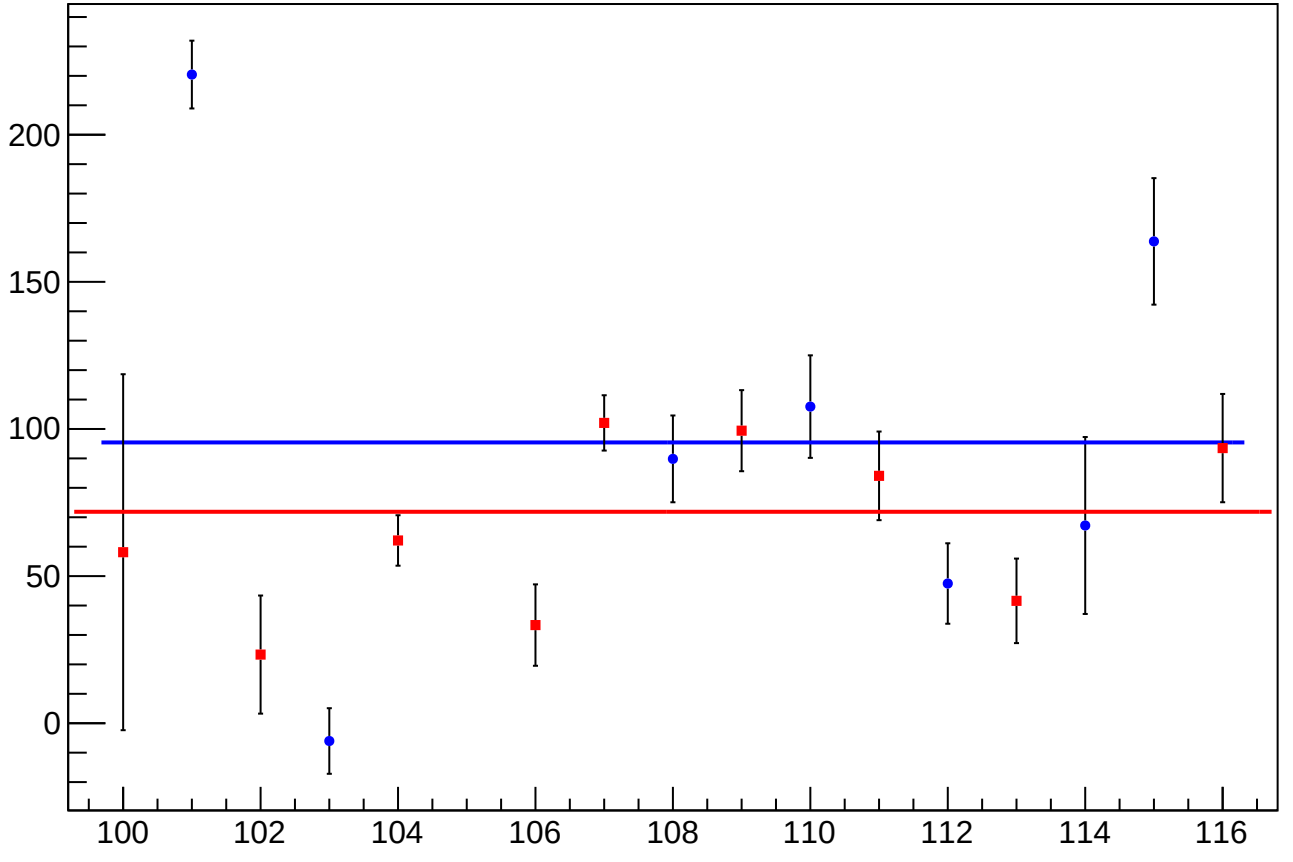
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 554.164+/-4.783 $\chi^2$/NDF: 4325.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr2_diff_bpm4eY_slope vs Slug




Right In: 95.428+/-5.581 $\chi^2$/NDF: 224.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 71.862+/-4.455 $\chi^2$/NDF: 35.7/8

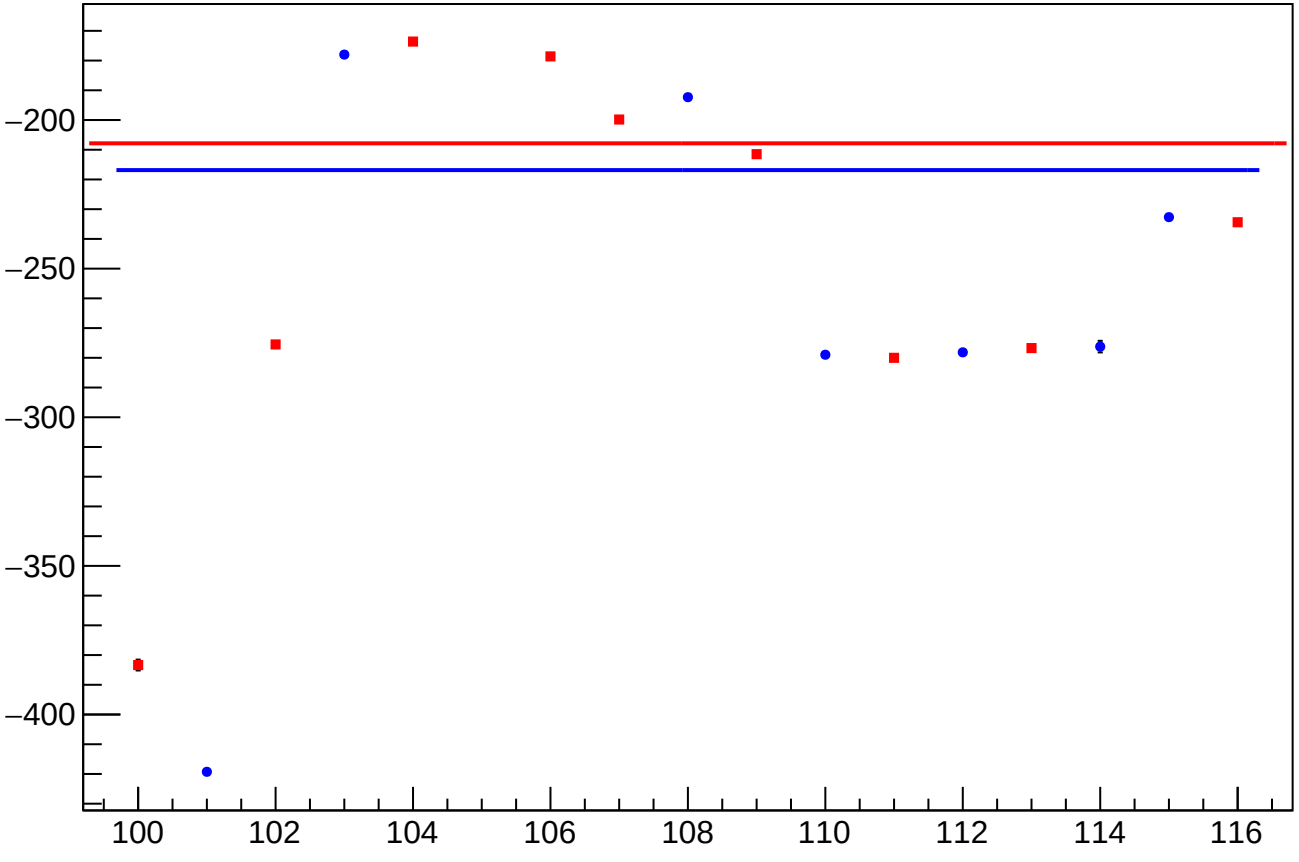
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 81.034+/-3.482 $\chi^2$/NDF: 271.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr2_diff_bpm12X_slope vs Slug




Right In: -216.851+/-0.210 $\chi^2$/NDF: 122479.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -207.843+/-0.184 $\chi^2$/NDF: 56368.4/8

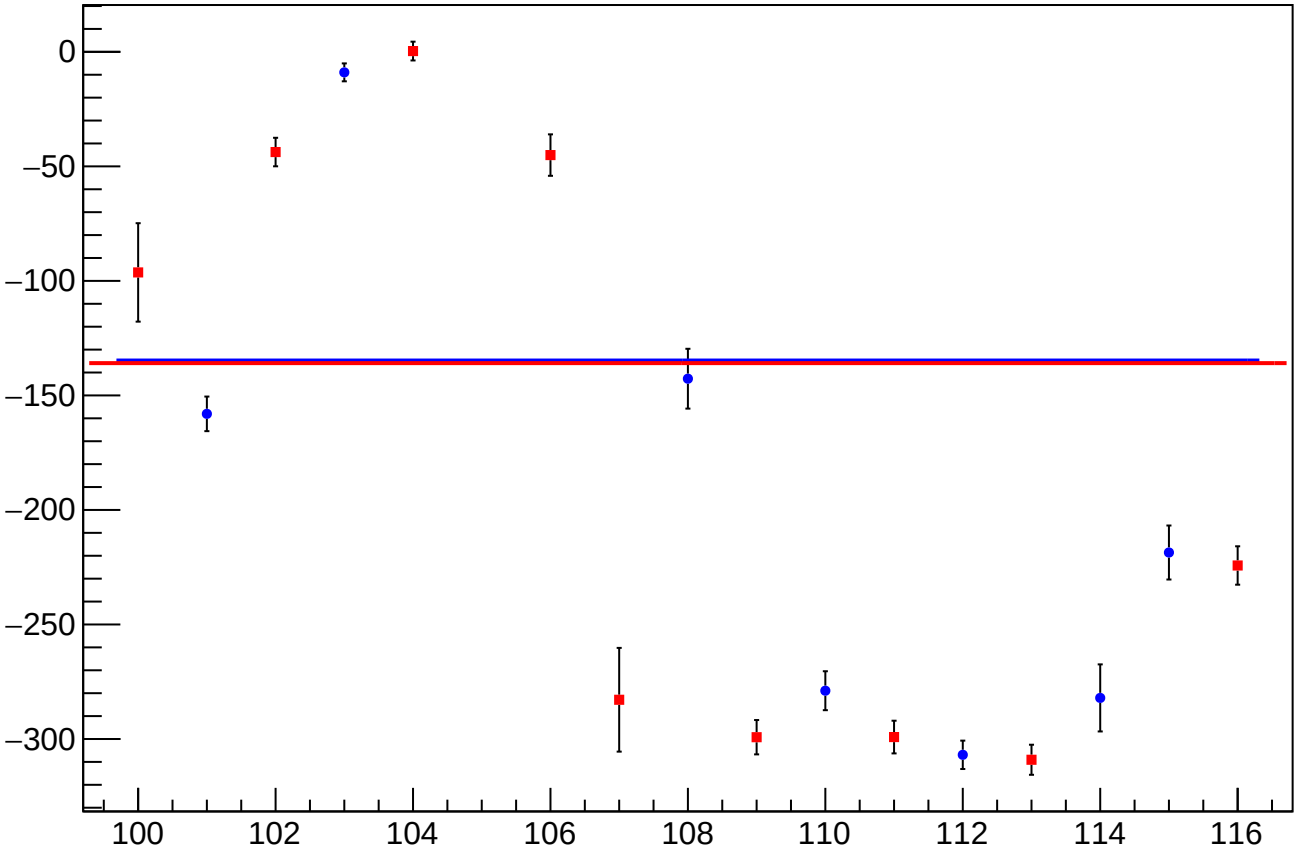
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -211.750+/-0.138 $\chi^2$/NDF: 179889.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_avg_diff_bpm4aX_slope vs Slug




Right In: -134.771+/-2.667 $\chi^2$/NDF: 2256.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -135.901+/-2.381 $\chi^2$/NDF: 3273.7/8

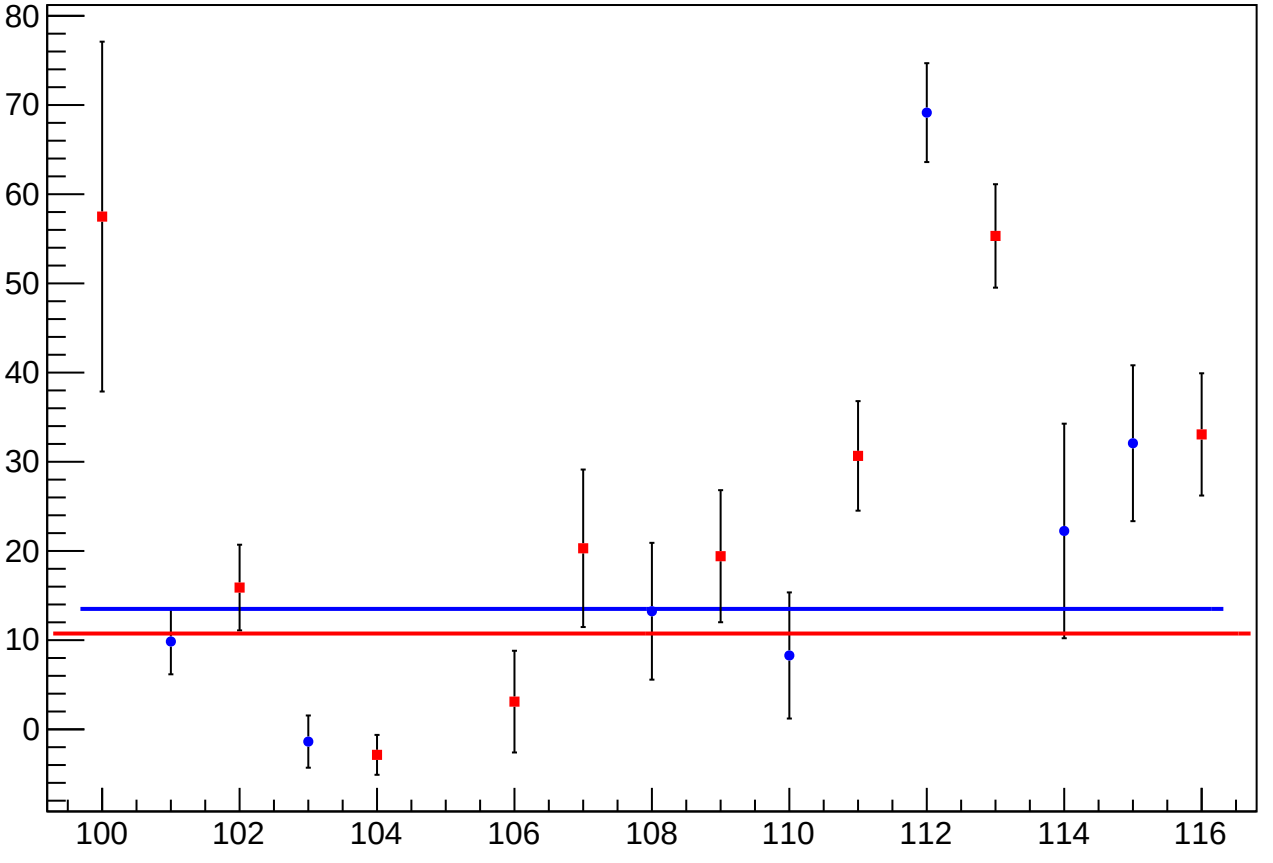
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -135.400+/-1.776 $\chi^2$/NDF: 5530.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_avg_diff_bpm4aY_slope vs Slug




Right In: 13.503+/-1.889 $\chi^2$/NDF: 133.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 10.743+/-1.611 $\chi^2$/NDF: 128.4/8

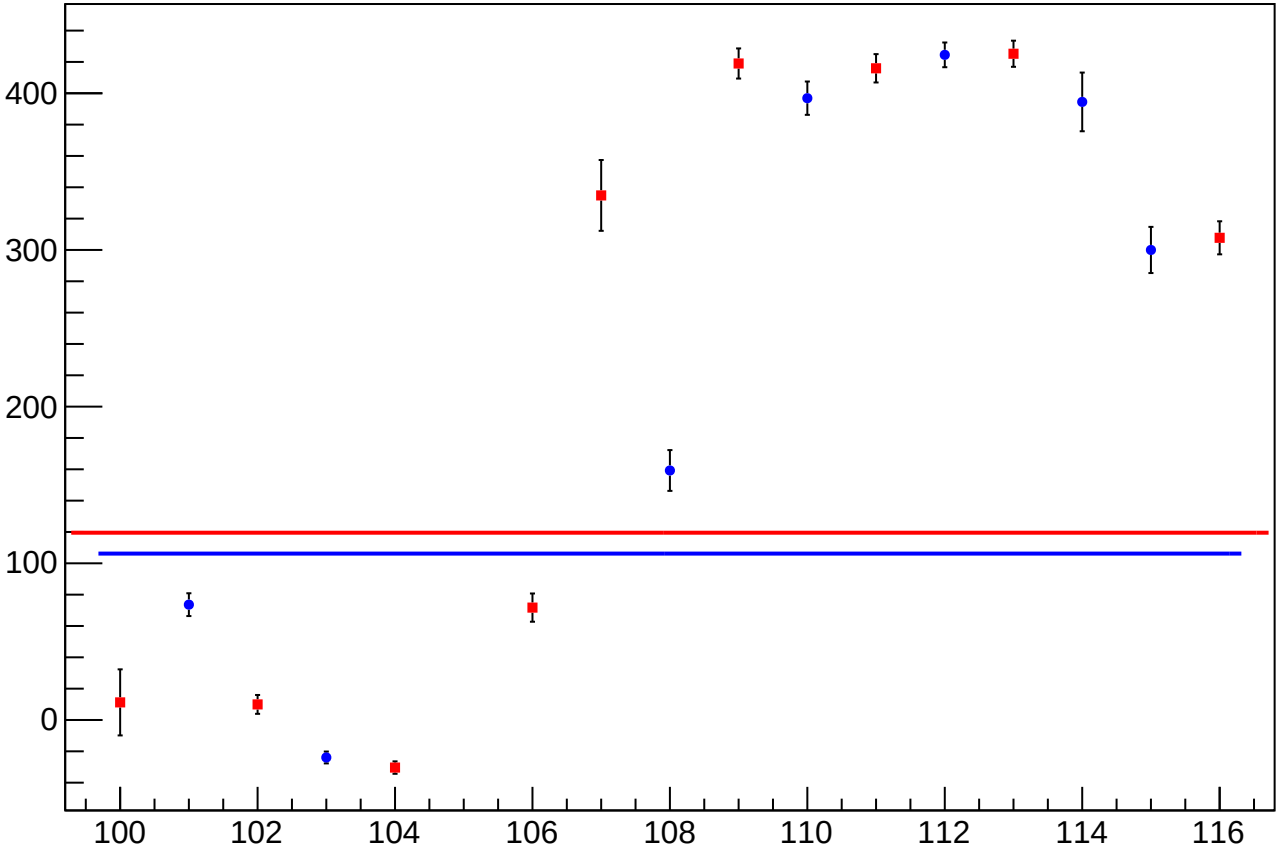
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 11.905+/-1.226 $\chi^2$/NDF: 262.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_avg_diff_bpm4eX_slope vs Slug




Right In: 106.204+/-2.805 $\chi^2$/NDF: 4005.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 119.535+/-2.549 $\chi^2$/NDF: 5605.6/8

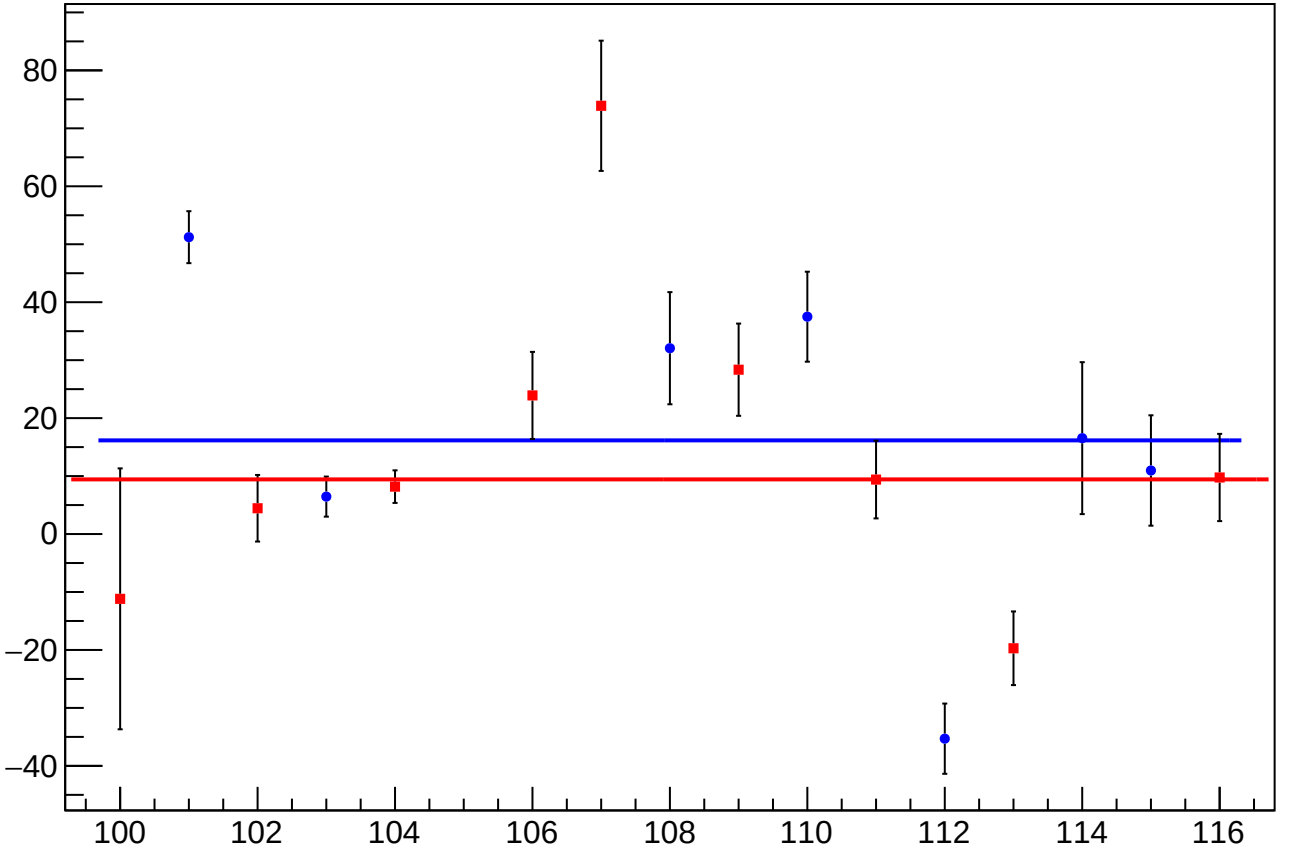
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 113.506+/-1.886 $\chi^2$/NDF: 9623.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_avg_diff_bpm4eY_slope vs Slug




Right In: 16.161+/-2.210 $\chi^2$/NDF: 151.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 9.429+/-1.943 $\chi^2$/NDF: 65.1/8

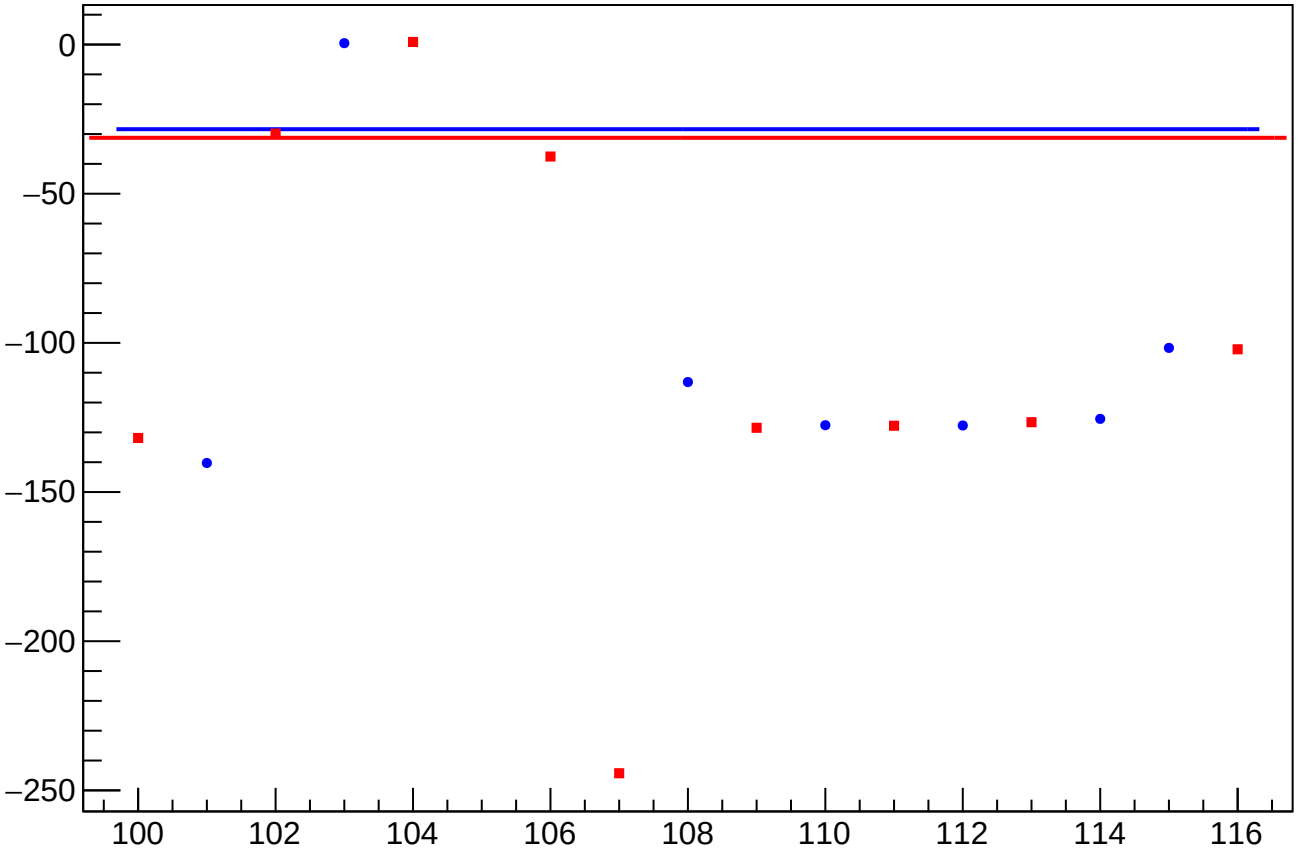
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 12.363+/-1.459 $\chi^2$/NDF: 222.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_avg_diff_bpm12X_slope vs Slug




Right In: -28.375+/-0.075 $\chi^2$/NDF: 514933.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -31.258+/-0.070 $\chi^2$/NDF: 489850.8/8

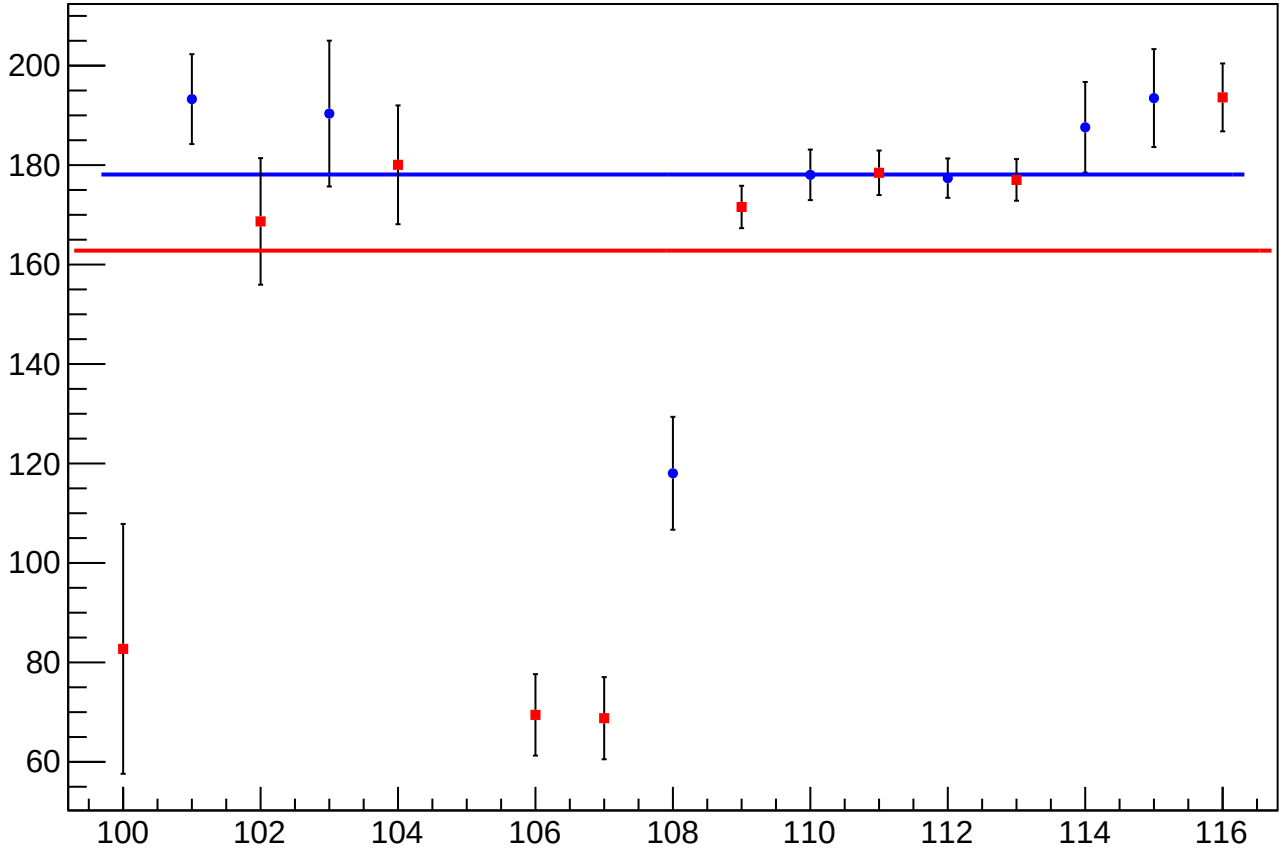
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -29.906+/-0.051 $\chi^2$/NDF: 1005578.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_diff_bpm4aX_slope vs Slug




Right In: 178.110+/-2.586 $\chi^2$/NDF: 35.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 162.806+/-2.094 $\chi^2$/NDF: 320.4/8

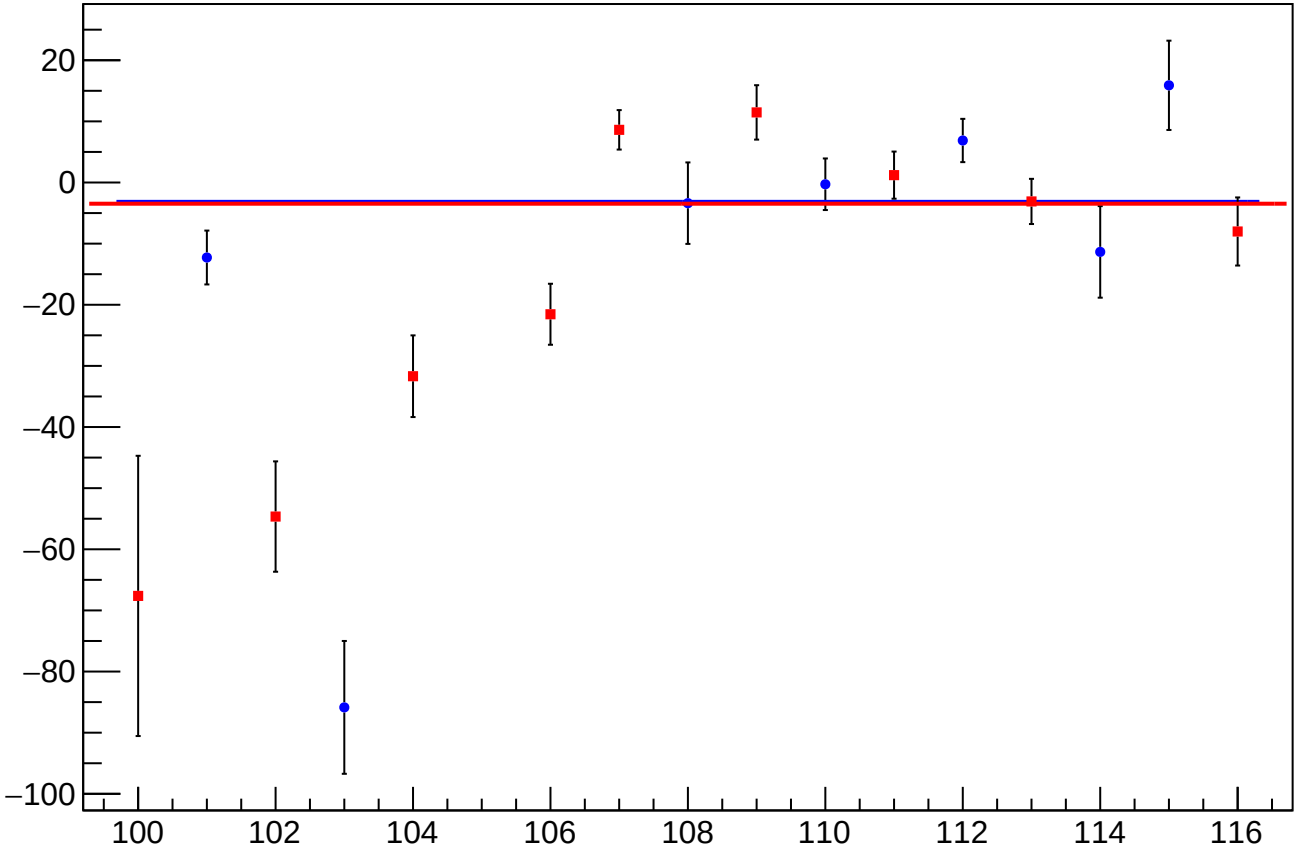
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 168.866+/-1.627 $\chi^2$/NDF: 376.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_diff_bpm4aY_slope vs Slug




Right In: -3.166+/-1.980 $\chi^2$/NDF: 78.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3.469+/-1.589 $\chi^2$/NDF: 98.4/8

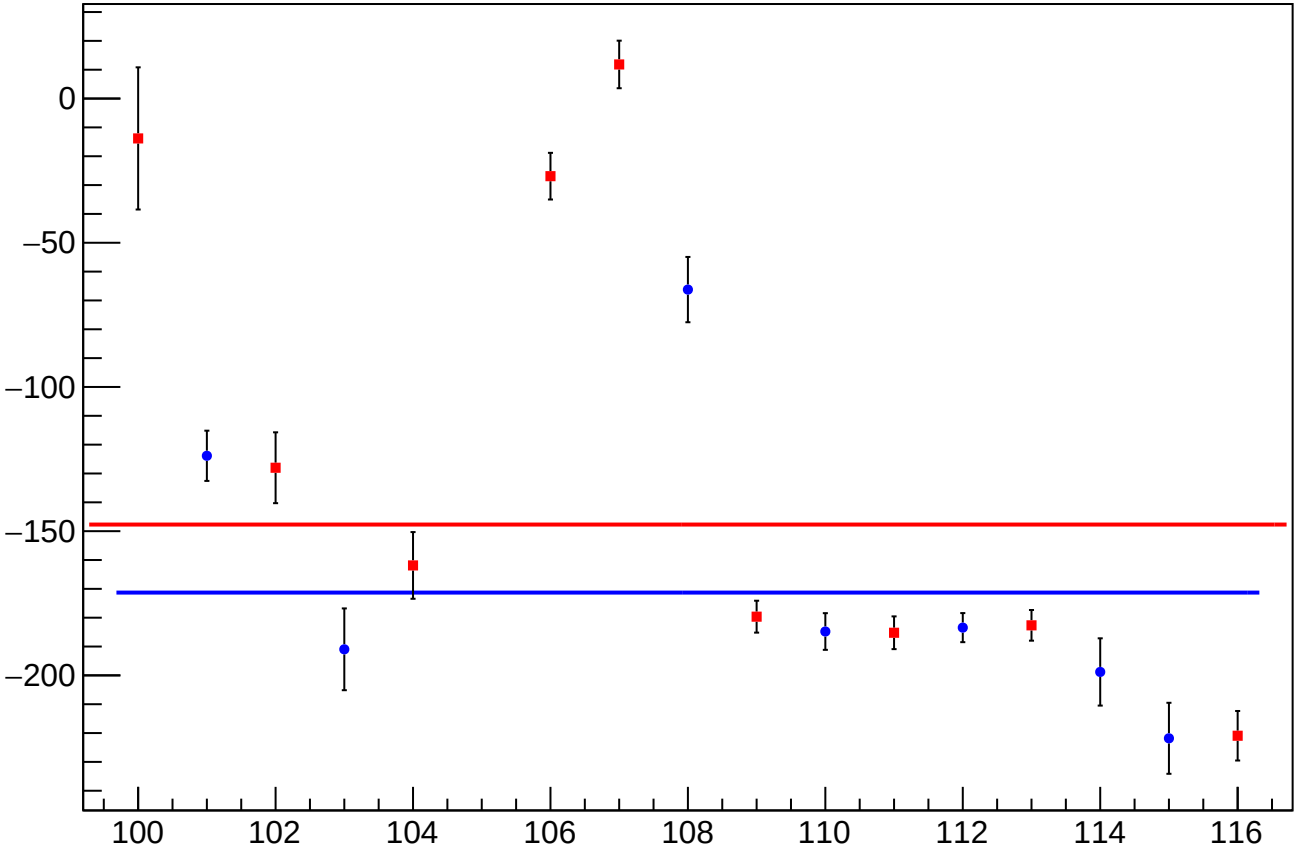
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -3.350+/-1.239 $\chi^2$/NDF: 177.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_diff_bpm4eX_slope vs Slug




Right In: -171.293+/-3.101 $\chi^2$/NDF: 150.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -147.705+/-2.513 $\chi^2$/NDF: 823.9/8

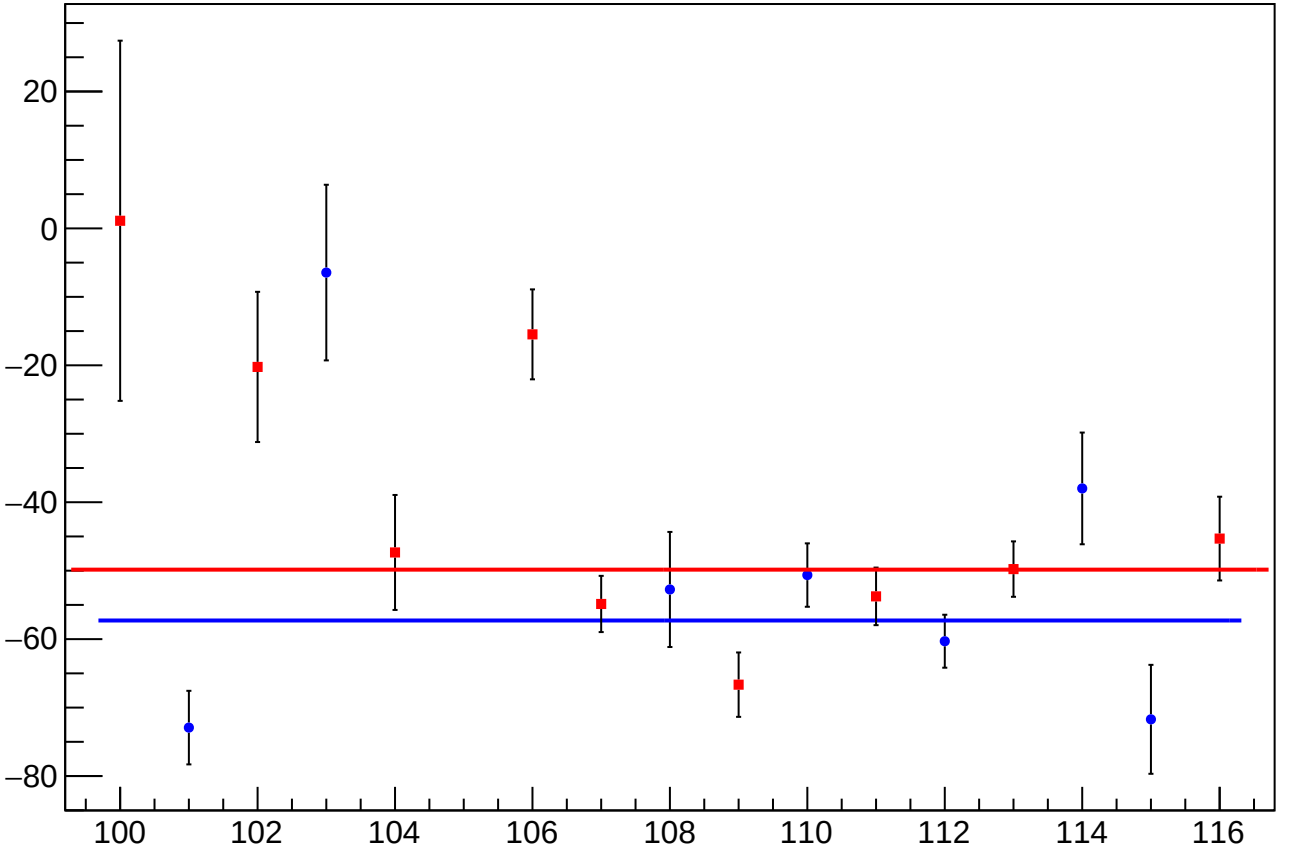
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -157.053+/-1.952 $\chi^2$/NDF: 1009.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_diff_bpm4eY_slope vs Slug




Right In: -57.277+/-2.241 $\chi^2$/NDF: 36.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -49.849+/-1.838 $\chi^2$/NDF: 54.2/8

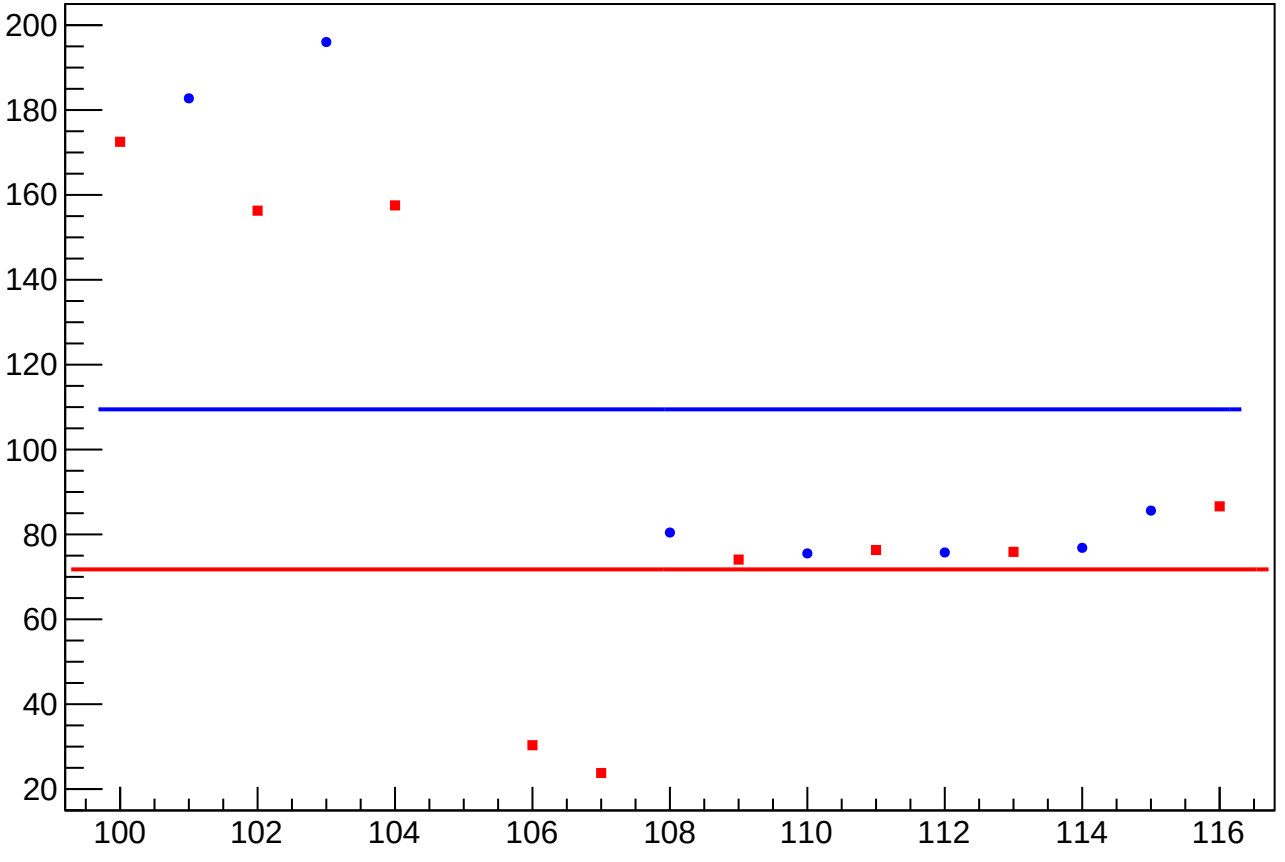
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -52.837+/-1.421 $\chi^2$/NDF: 96.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_diff_bpm12X_slope vs Slug




Right In: 109.473+/-0.119 $\chi^2$/NDF: 179487.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 71.764+/-0.087 $\chi^2$/NDF: 295954.7/8

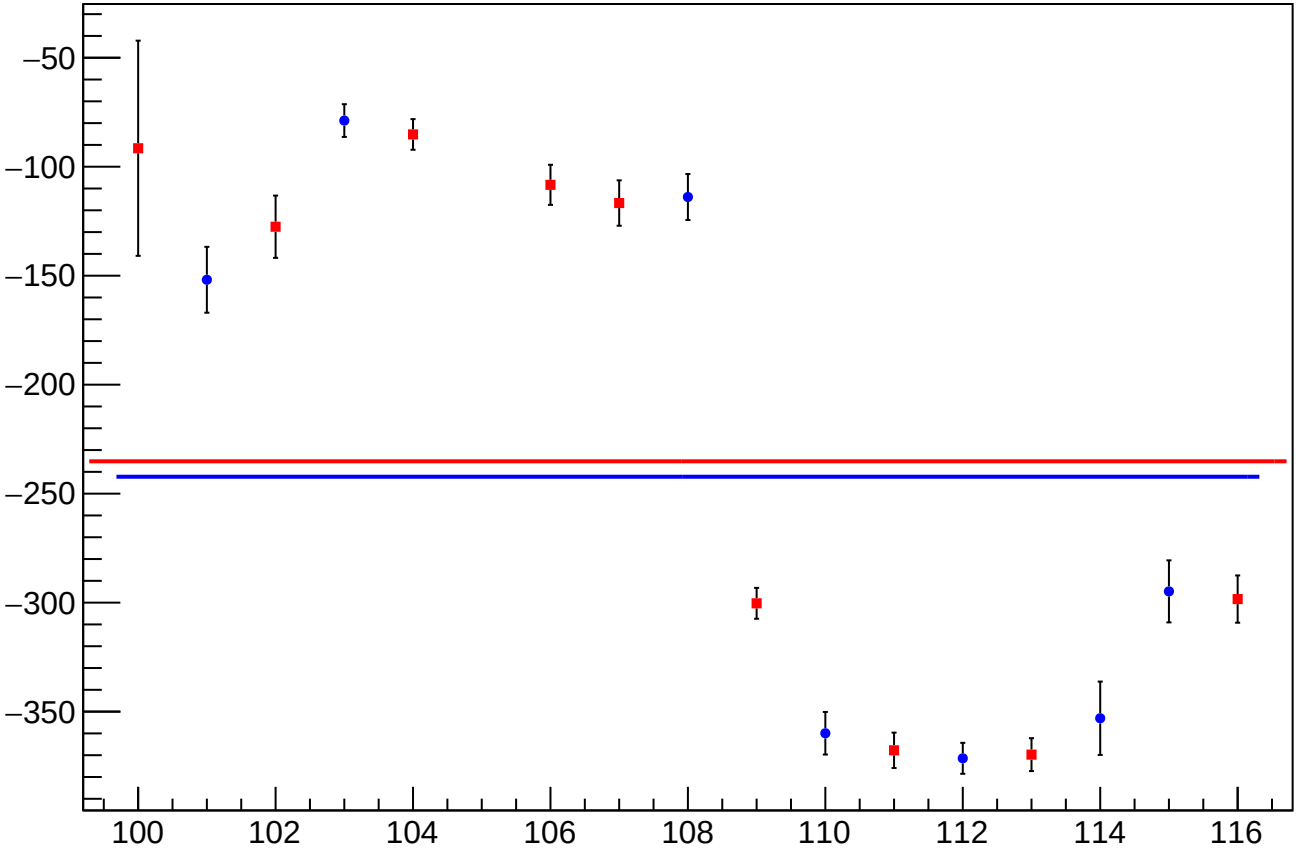
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 84.859+/-0.070 $\chi^2$/NDF: 540969.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_avg_diff_bpm4aX_slope vs Slug




Right In: -242.238+/-3.783 $\chi^2$/NDF: 1190.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -235.155+/-3.047 $\chi^2$/NDF: 1542.2/8

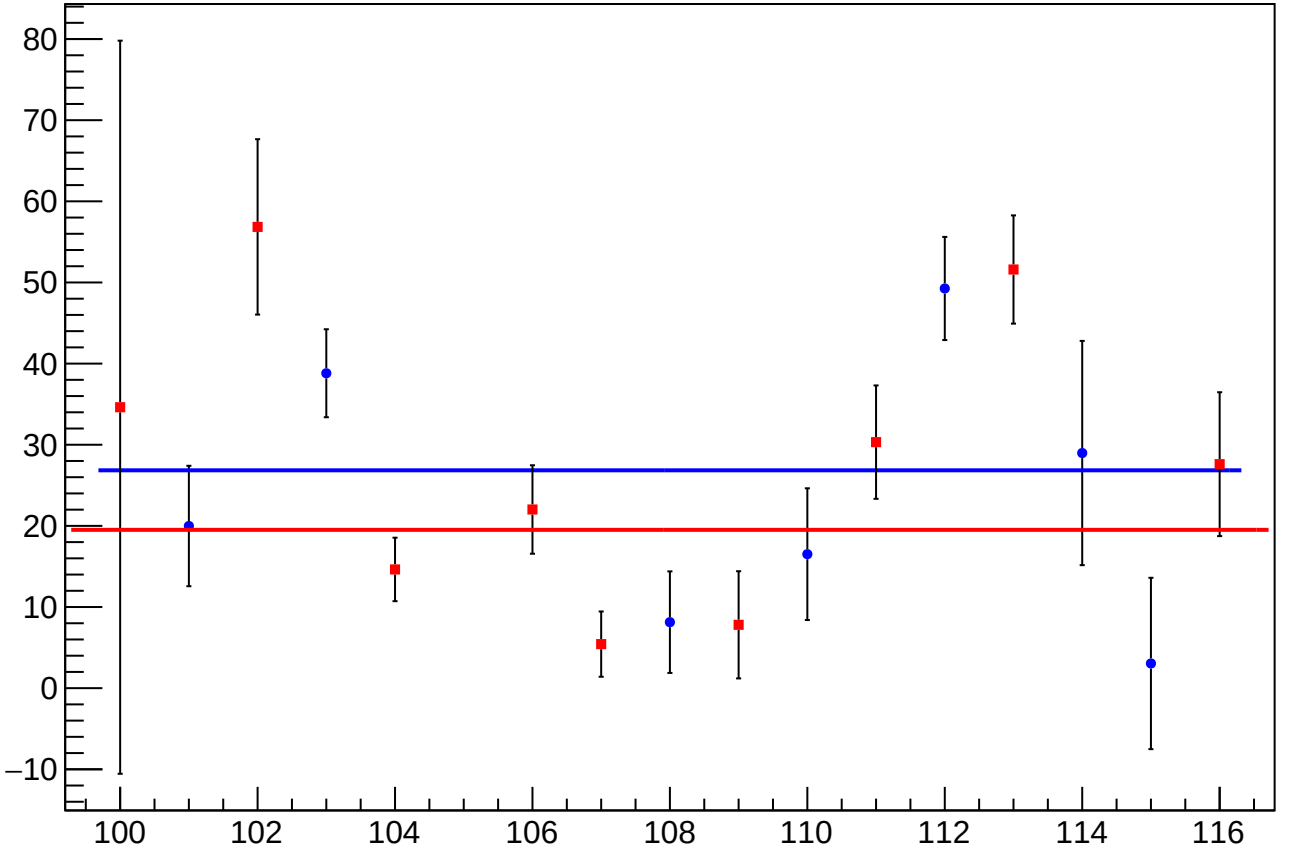
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

\+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -237.943+/-2.373 $\chi^2$/NDF: 2734.8/15

\- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_avg_diff_bpm4aY_slope vs Slug




Right In: 26.849+/-2.754 $\chi^2$/NDF: 33.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 19.512+/-2.006 $\chi^2$/NDF: 55.6/8

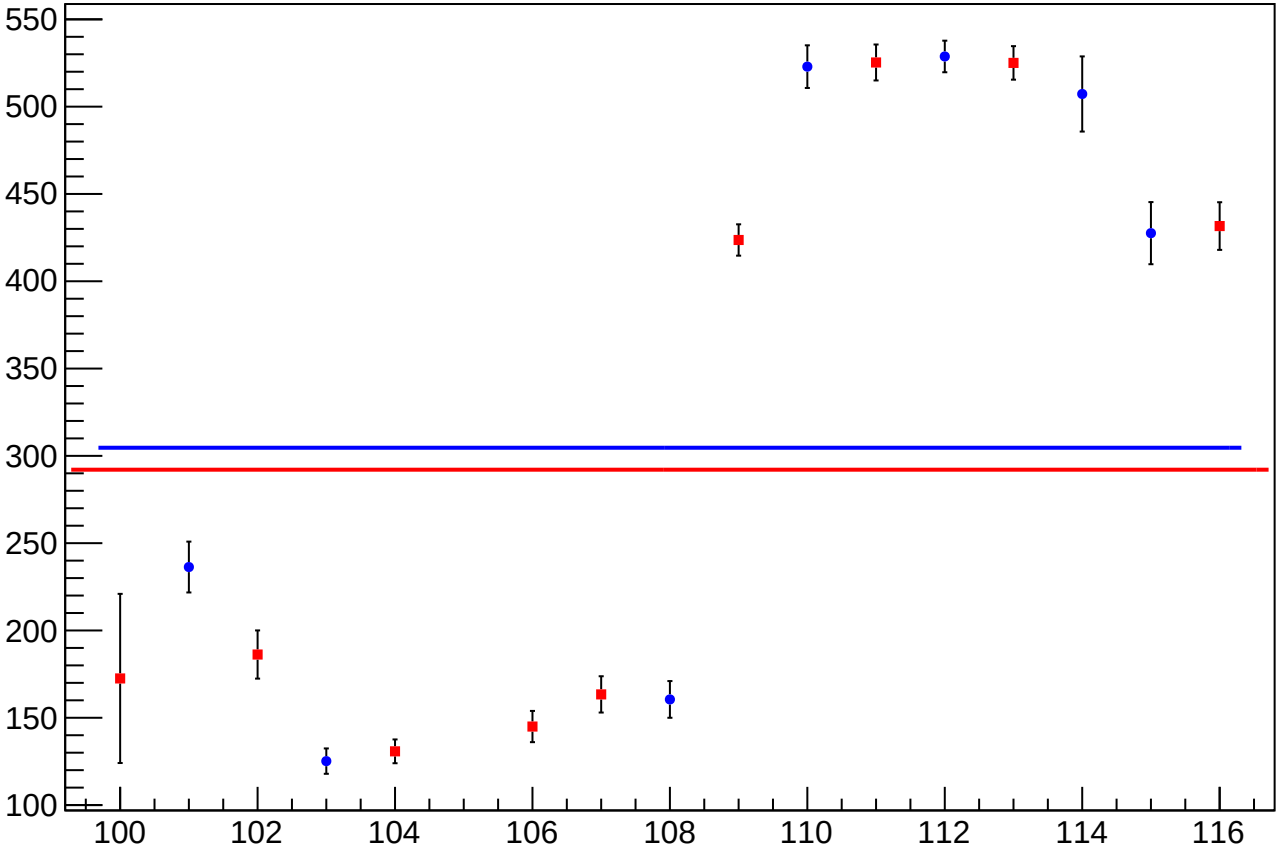
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 22.055+/-1.622 $\chi^2$/NDF: 94.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_avg_diff_bpm4eX_slope vs Slug




Right In: 304.654+/-4.190 $\chi^2$/NDF: 1889.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 292.078+/-3.389 $\chi^2$/NDF: 2471.2/8

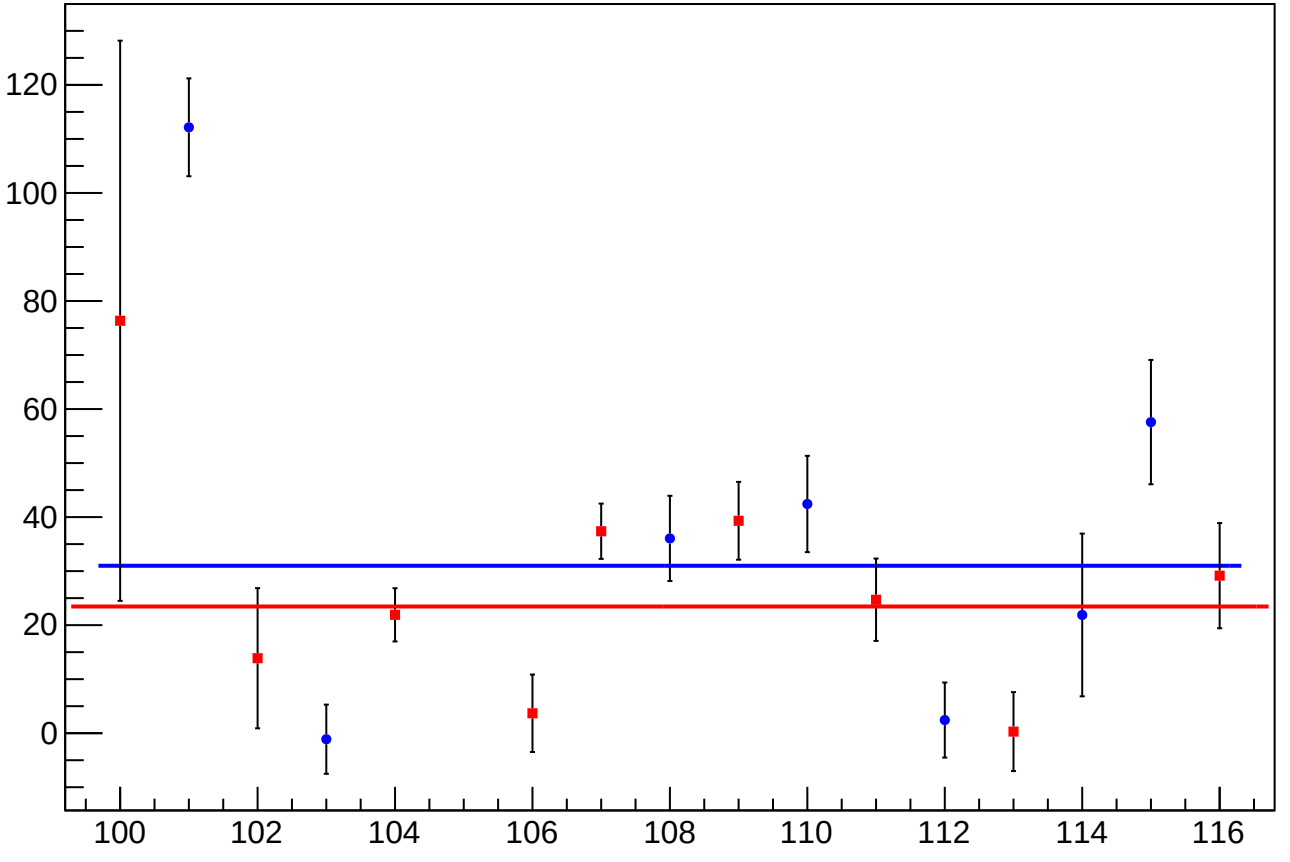
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 297.052+/-2.635 $\chi^2$/NDF: 4366.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_avg_diff_bpm4eY_slope vs Slug




Right In: 30.992+/-3.196 $\chi^2$/NDF: 130.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 23.454+/-2.420 $\chi^2$/NDF: 31.9/8

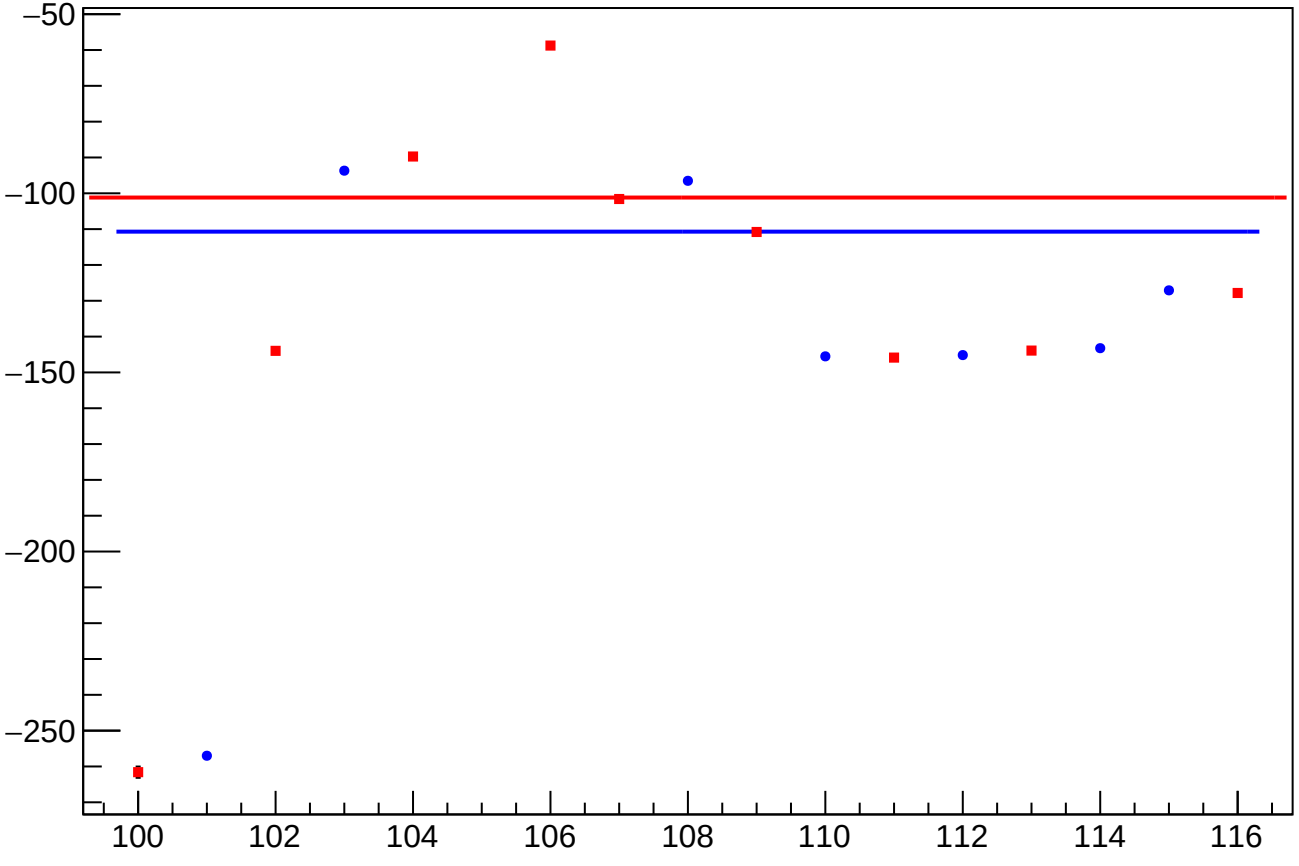
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 26.201+/-1.929 $\chi^2$/NDF: 165.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_avg_diff_bpm12X_slope vs Slug




Right In: -110.703+/-0.120 $\chi^2$/NDF: 104180.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -101.184+/-0.101 $\chi^2$/NDF: 82935.4/8

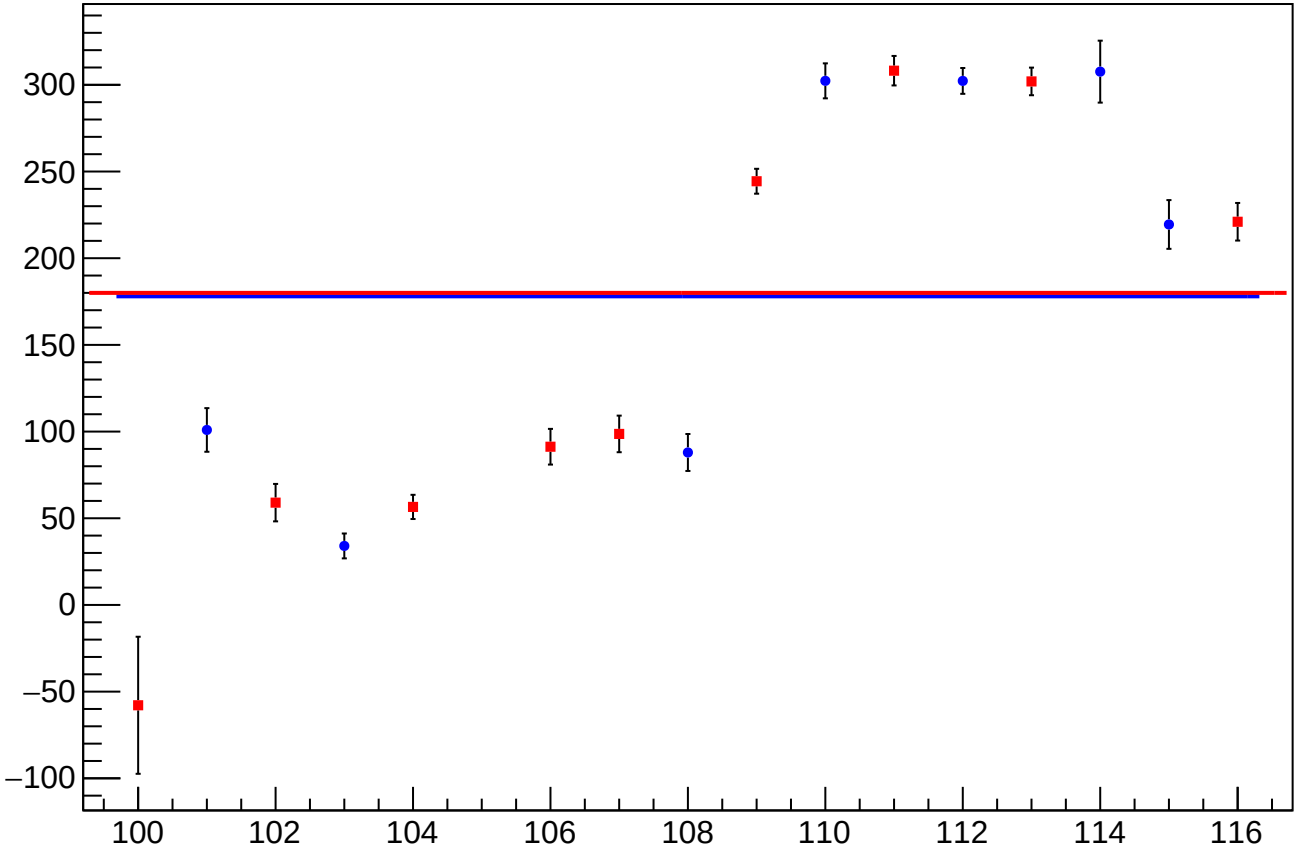
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -105.149+/-0.077 $\chi^2$/NDF: 190811.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_dd_diff_bpm4aX_slope vs Slug




Right In: 178.007+/-3.765 $\chi^2$/NDF: 1002.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 179.997+/-3.076 $\chi^2$/NDF: 1164.8/8

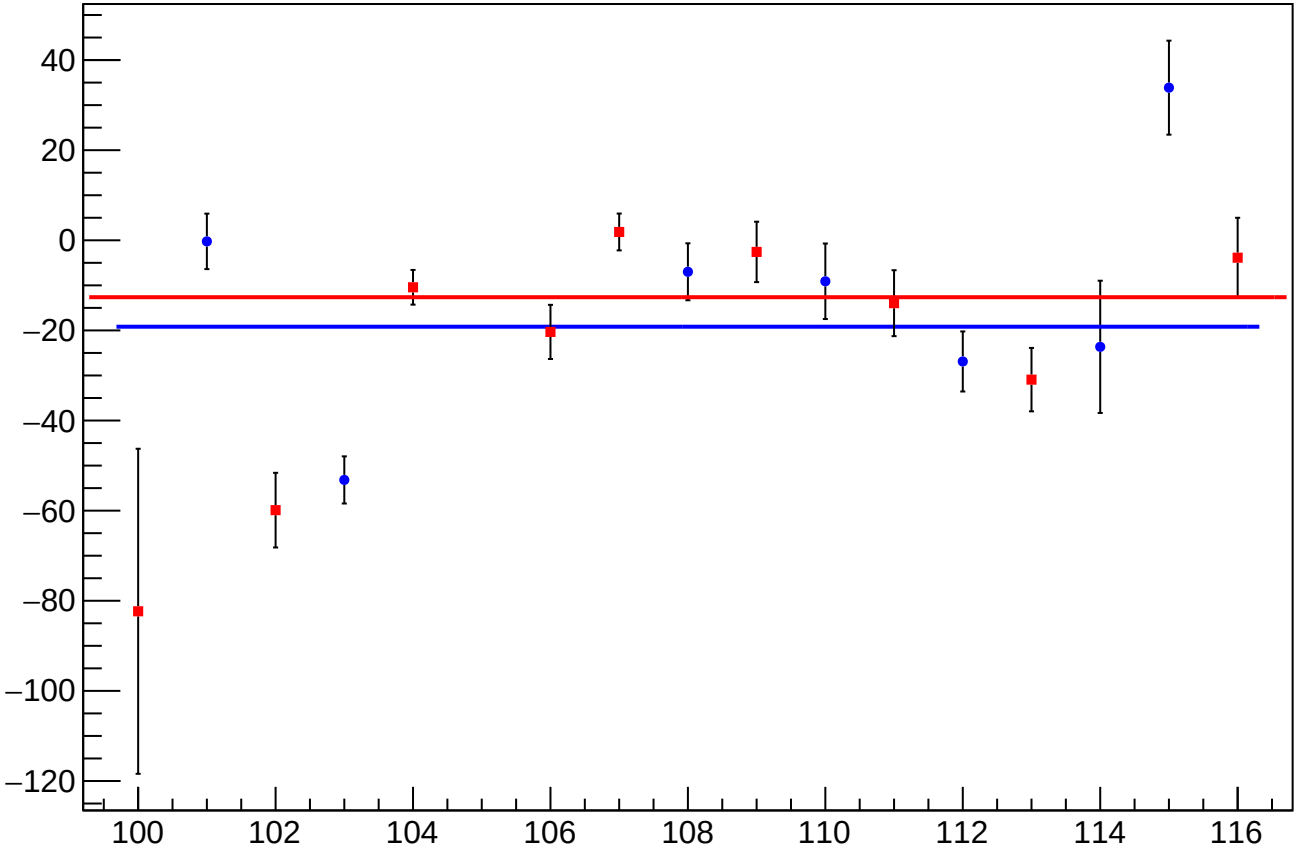
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 179.200+/-2.382 $\chi^2$/NDF: 2167.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_dd_diff_bpm4aY_slope vs Slug




Right In: -19.176+/-2.687 $\chi^2$/NDF: 84.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -12.627+/-2.023 $\chi^2$/NDF: 60.8/8

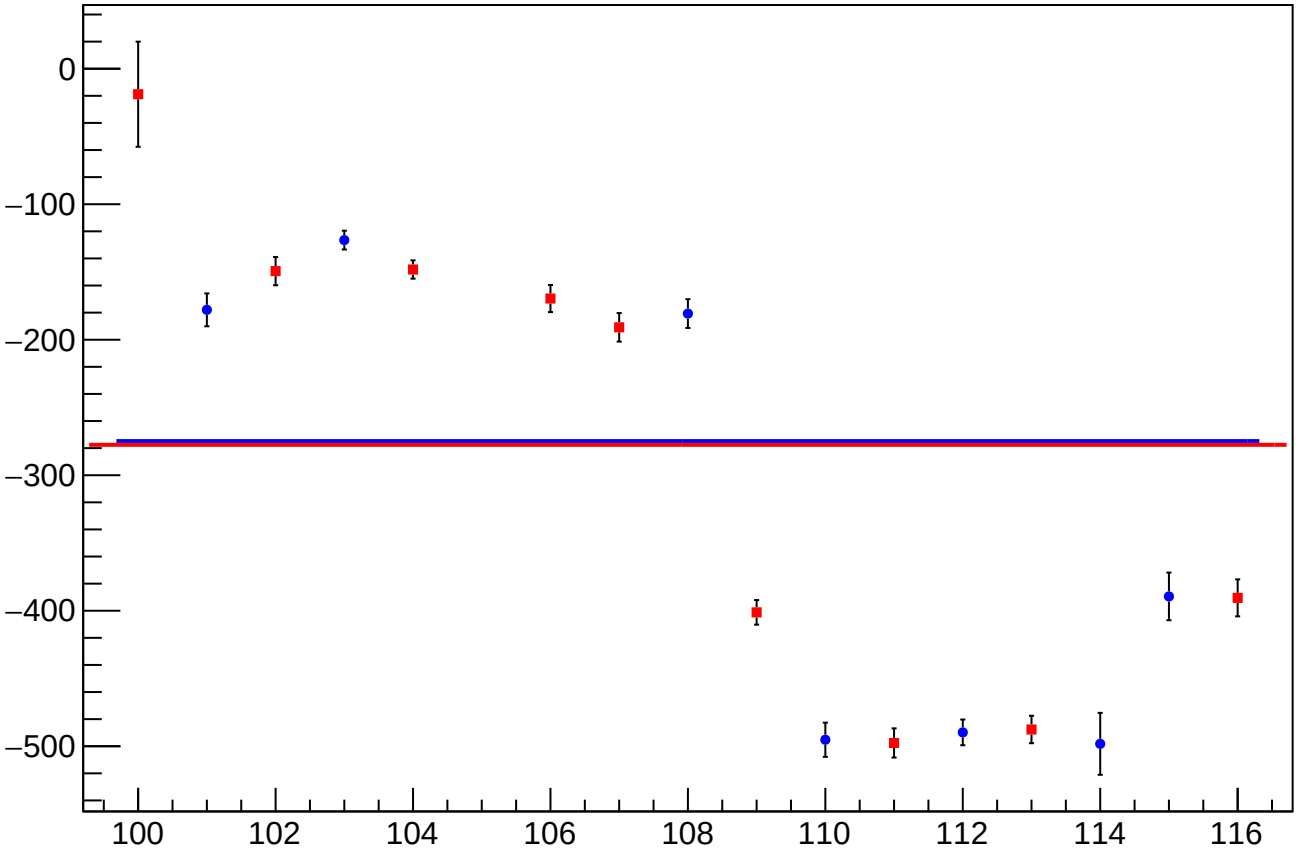
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -14.997+/-1.616 $\chi^2$/NDF: 148.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_dd_diff_bpm4eX_slope vs Slug




Right In: -274.803+/-4.119 $\chi^2$/NDF: 1555.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -277.562+/-3.399 $\chi^2$/NDF: 1846.5/8

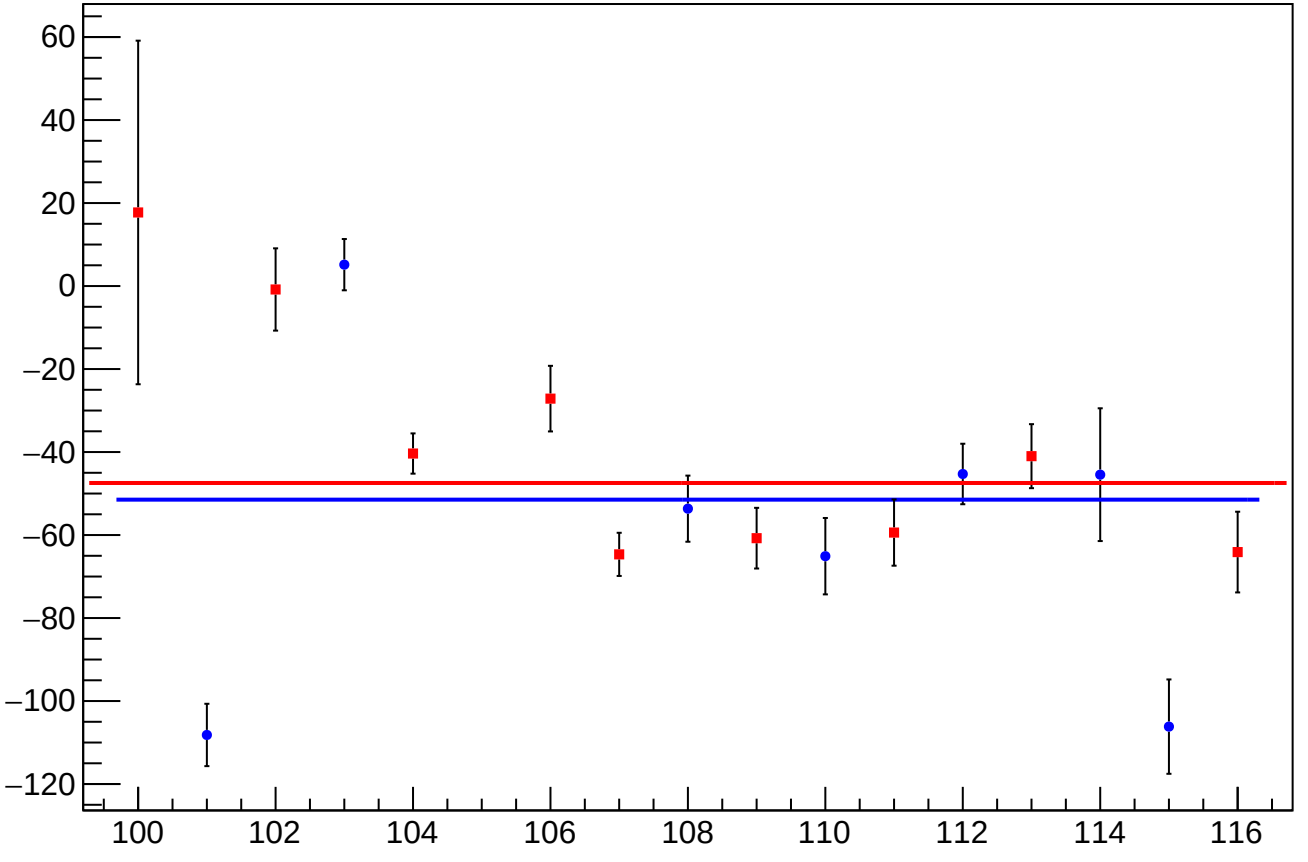
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -276.445+/-2.621 $\chi^2$/NDF: 3402.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_dd_diff_bpm4eY_slope vs Slug




Right In: -51.472+/-3.132 $\chi^2$/NDF: 167.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -47.457+/-2.439 $\chi^2$/NDF: 53.5/8

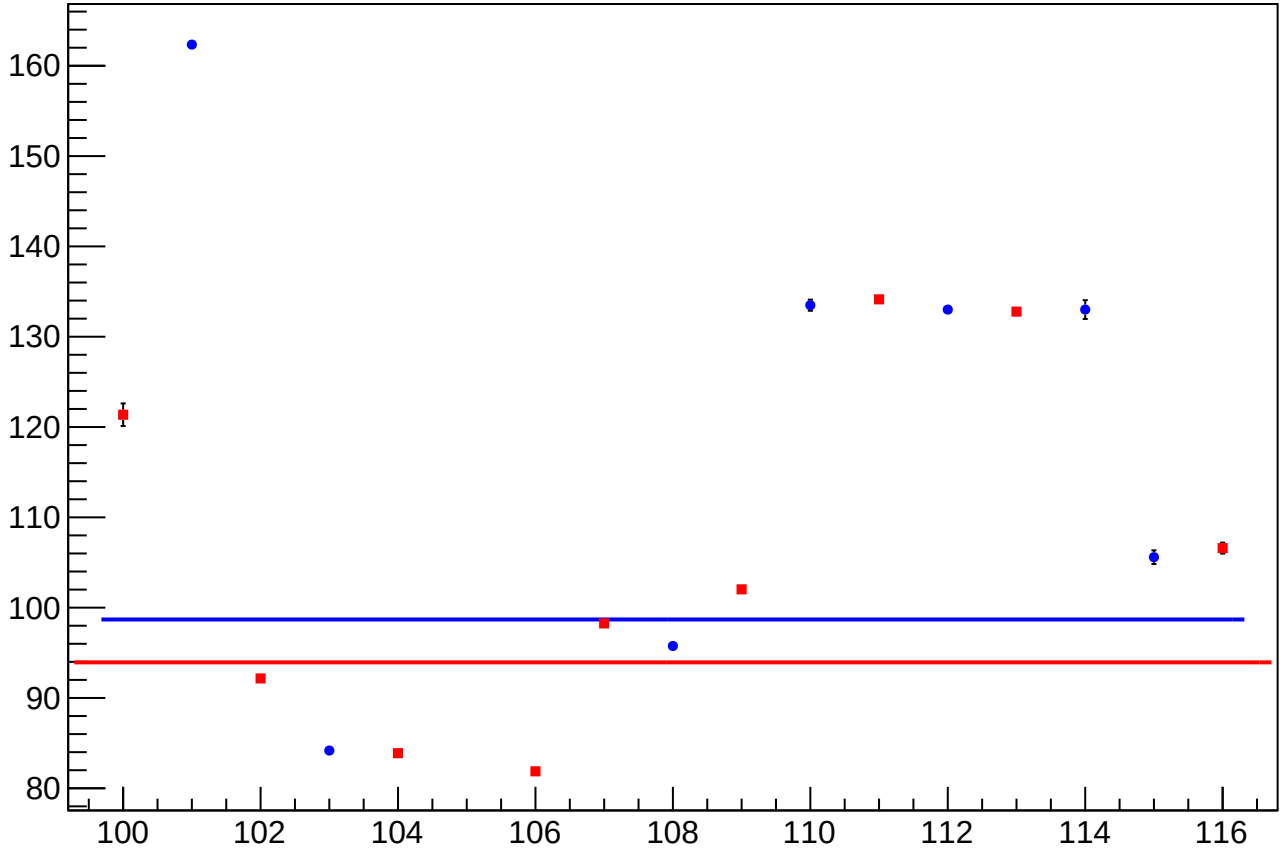
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -48.973+/-1.925 $\chi^2$/NDF: 221.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr_dd_diff_bpm12X_slope vs Slug




Right In: 98.690+/-0.116 $\chi^2$/NDF: 40708.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 93.942+/-0.099 $\chi^2$/NDF: 20735.8/8

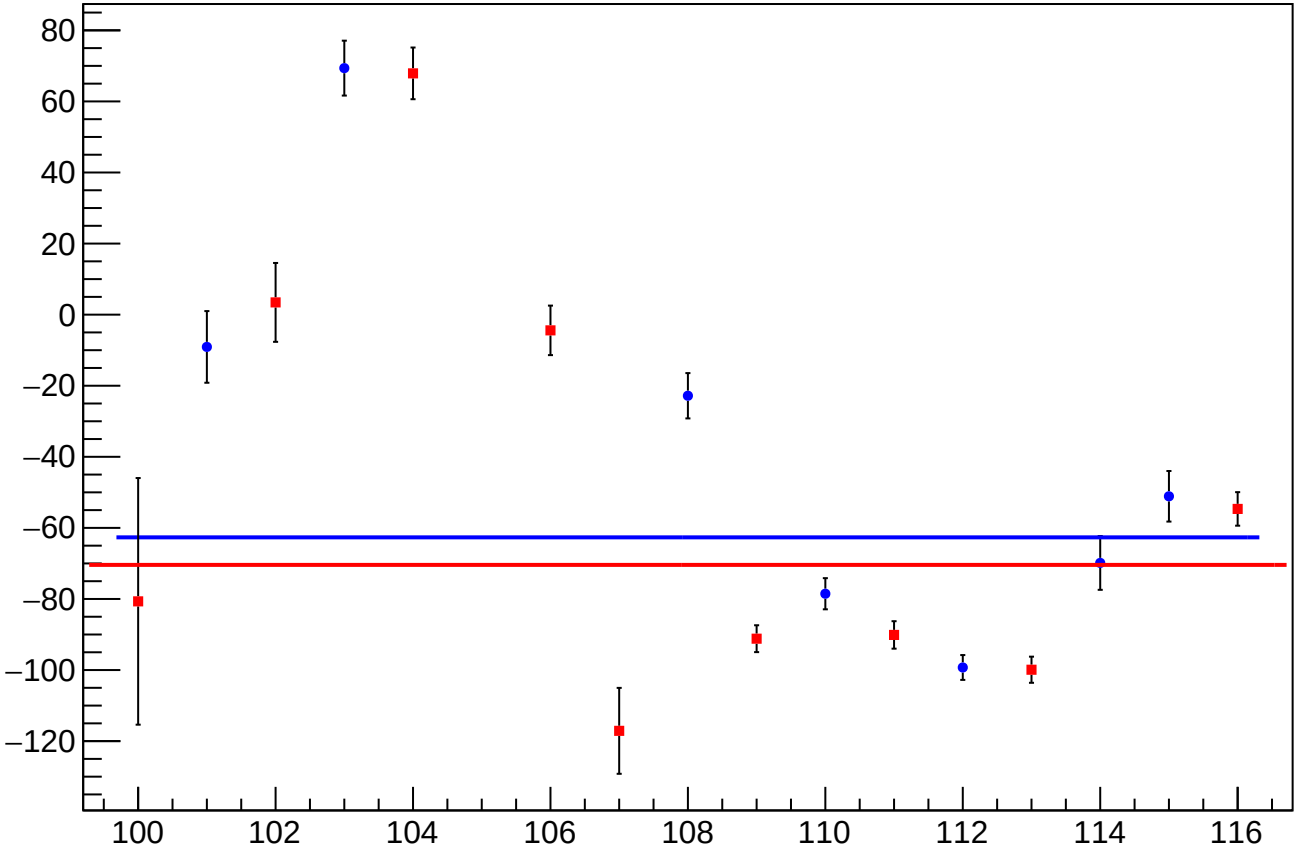
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 95.942+/-0.075 $\chi^2$/NDF: 62409.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_avg_diff_bpm4aX_slope vs Slug




Right In: -62.663+/-2.121 $\chi^2$/NDF: 485.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -70.412+/-1.793 $\chi^2$/NDF: 642.5/8

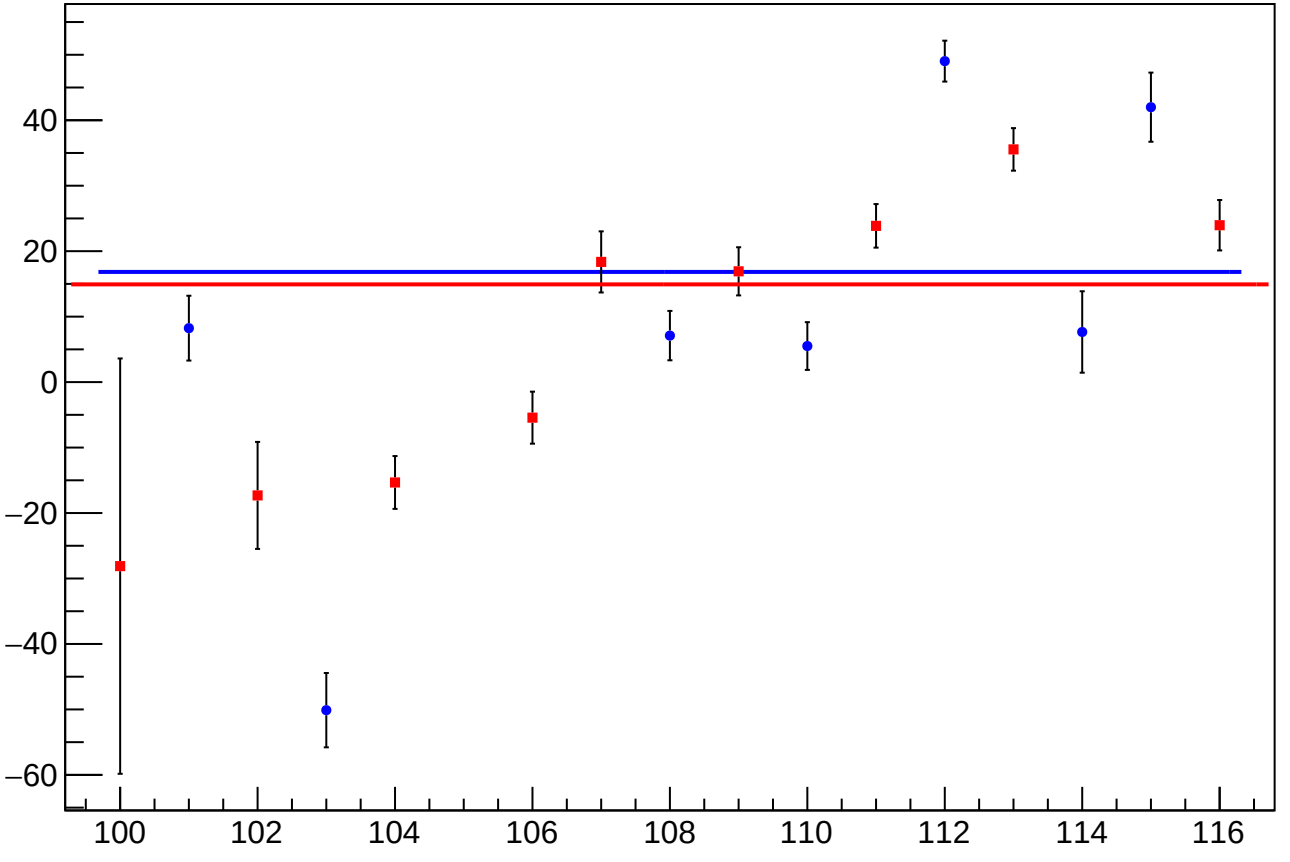
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -67.183+/-1.369 $\chi^2$/NDF: 1136.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_avg_diff_bpm4aY_slope vs Slug




Right In: 16.830+/-1.619 $\chi^2$/NDF: 289.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 14.927+/-1.396 $\chi^2$/NDF: 153.7/8

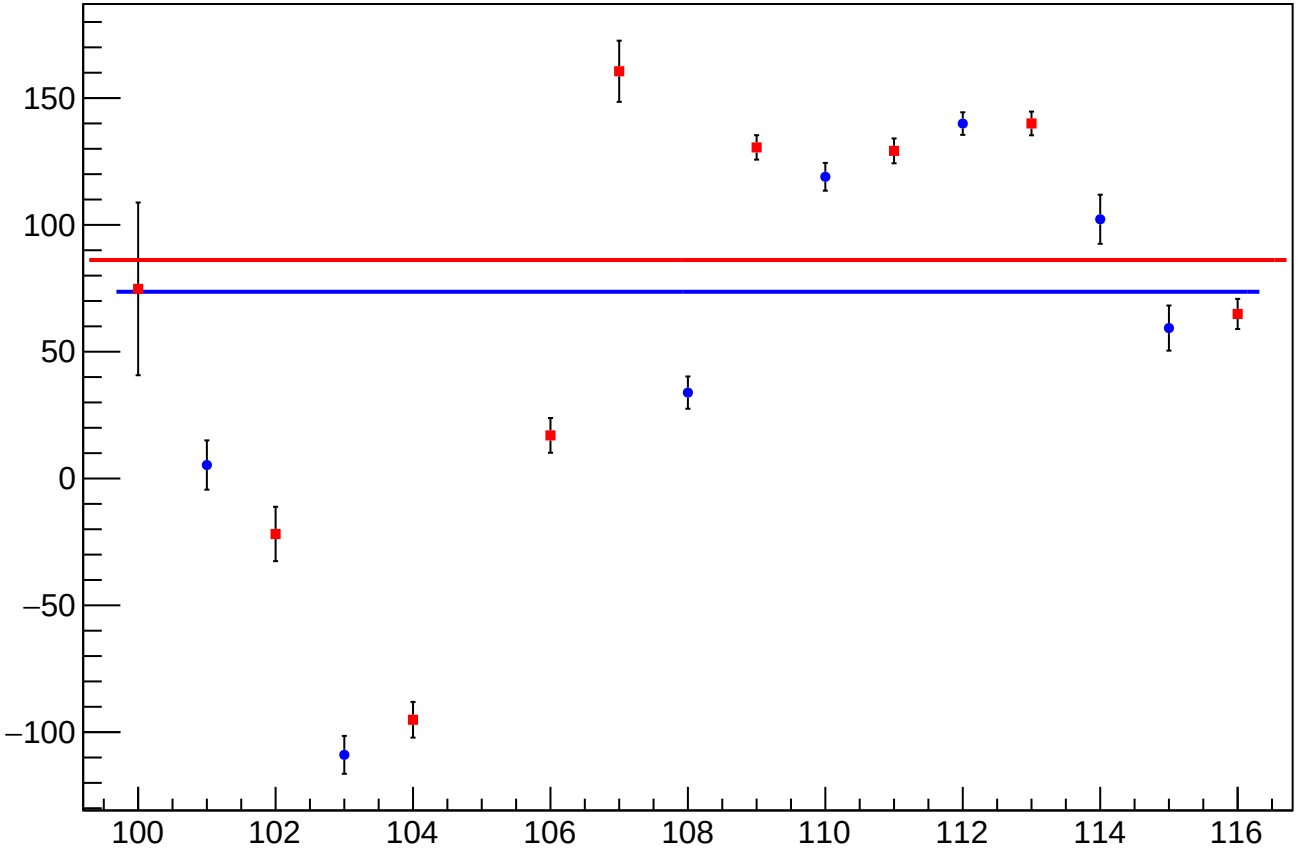
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 15.739+/-1.057 $\chi^2$/NDF: 443.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_avg_diff_bpm4eX_slope vs Slug




Right In: 73.634+/-2.498 $\chi^2$/NDF: 987.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 86.151+/-2.147 $\chi^2$/NDF: 1212.3/8

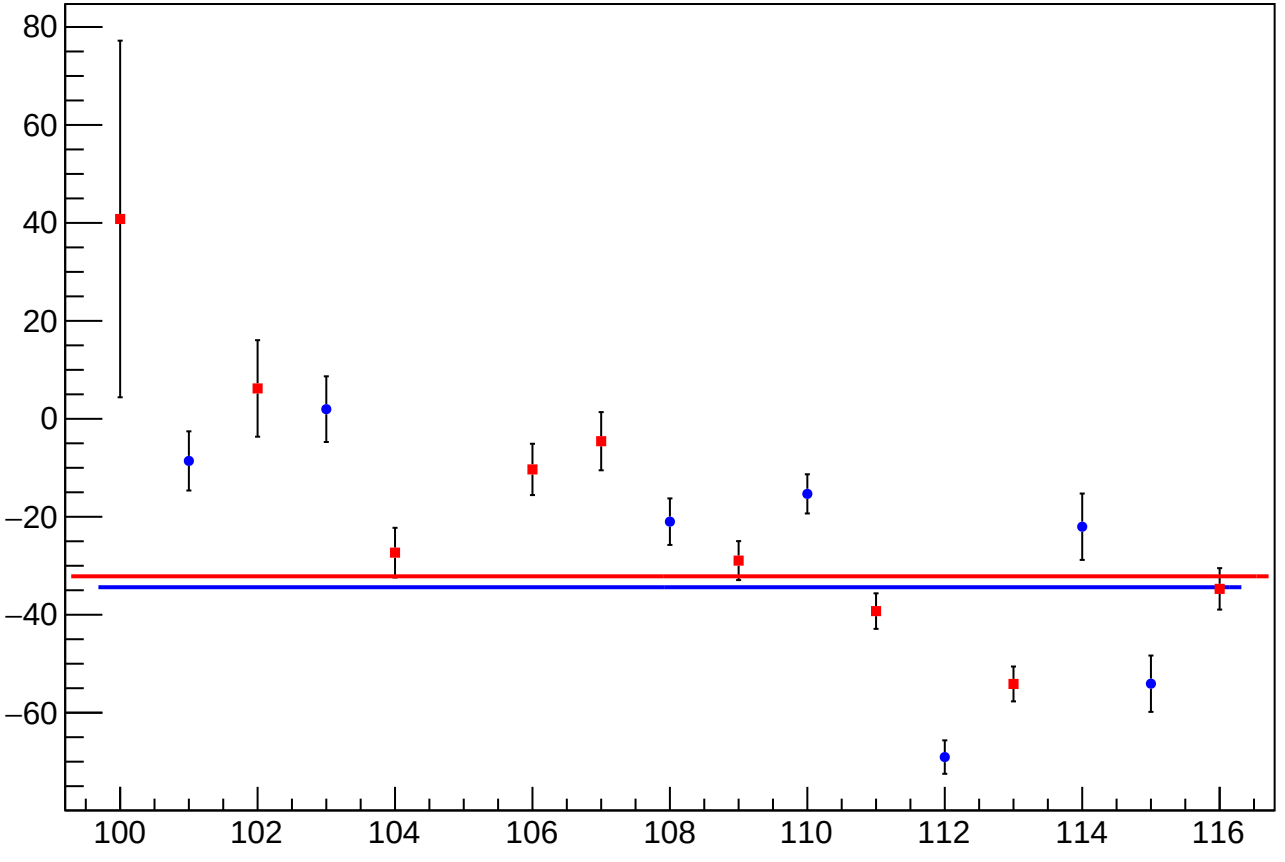
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 80.831+/-1.628 $\chi^2$/NDF: 2214.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_avg_diff_bpm4eY_slope vs Slug




Right In: -34.382+/-1.844 $\chi^2$/NDF: 196.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -32.154+/-1.604 $\chi^2$/NDF: 102.0/8

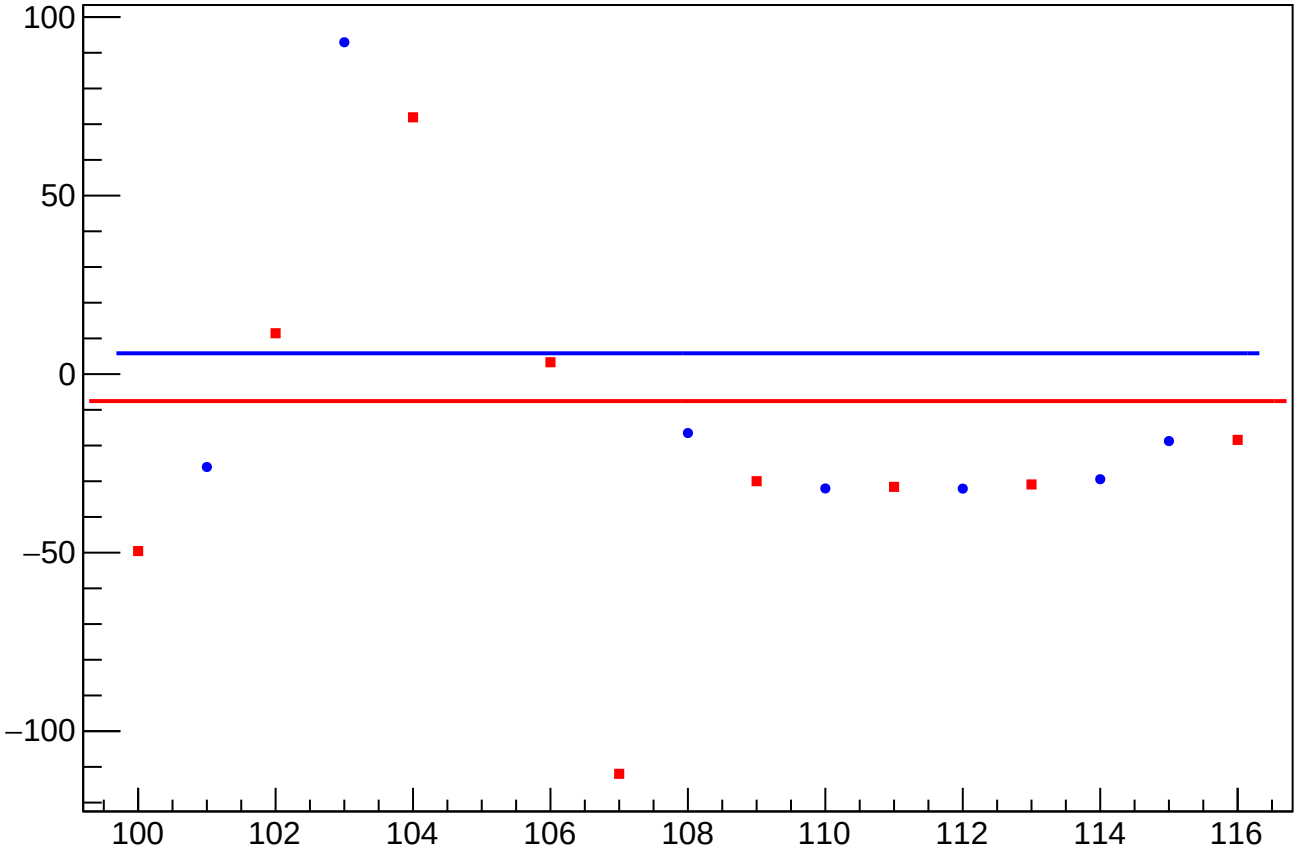
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -33.113+/-1.210 $\chi^2$/NDF: 299.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_avg_diff_bpm12X_slope vs Slug




Right In: 5.834+/-0.084 $\chi^2$/NDF: 367025.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -7.552+/-0.076 $\chi^2$/NDF: 388271.1/8

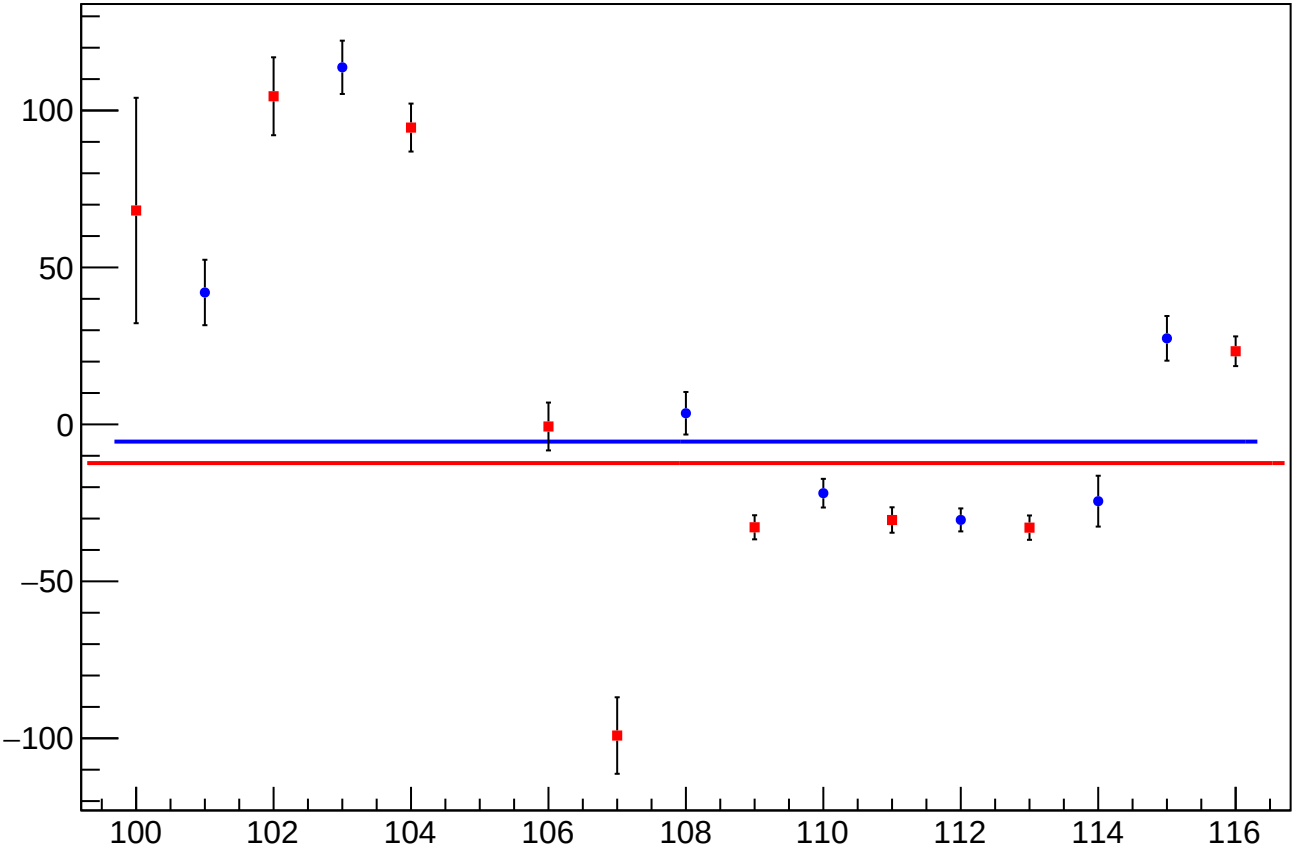
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.560+/-0.056 $\chi^2$/NDF: 769308.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_dd_diff_bpm4aX_slope vs Slug




Right In: -5.480+/-2.223 $\chi^2$/NDF: 306.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -12.322+/-1.863 $\chi^2$/NDF: 475.6/8

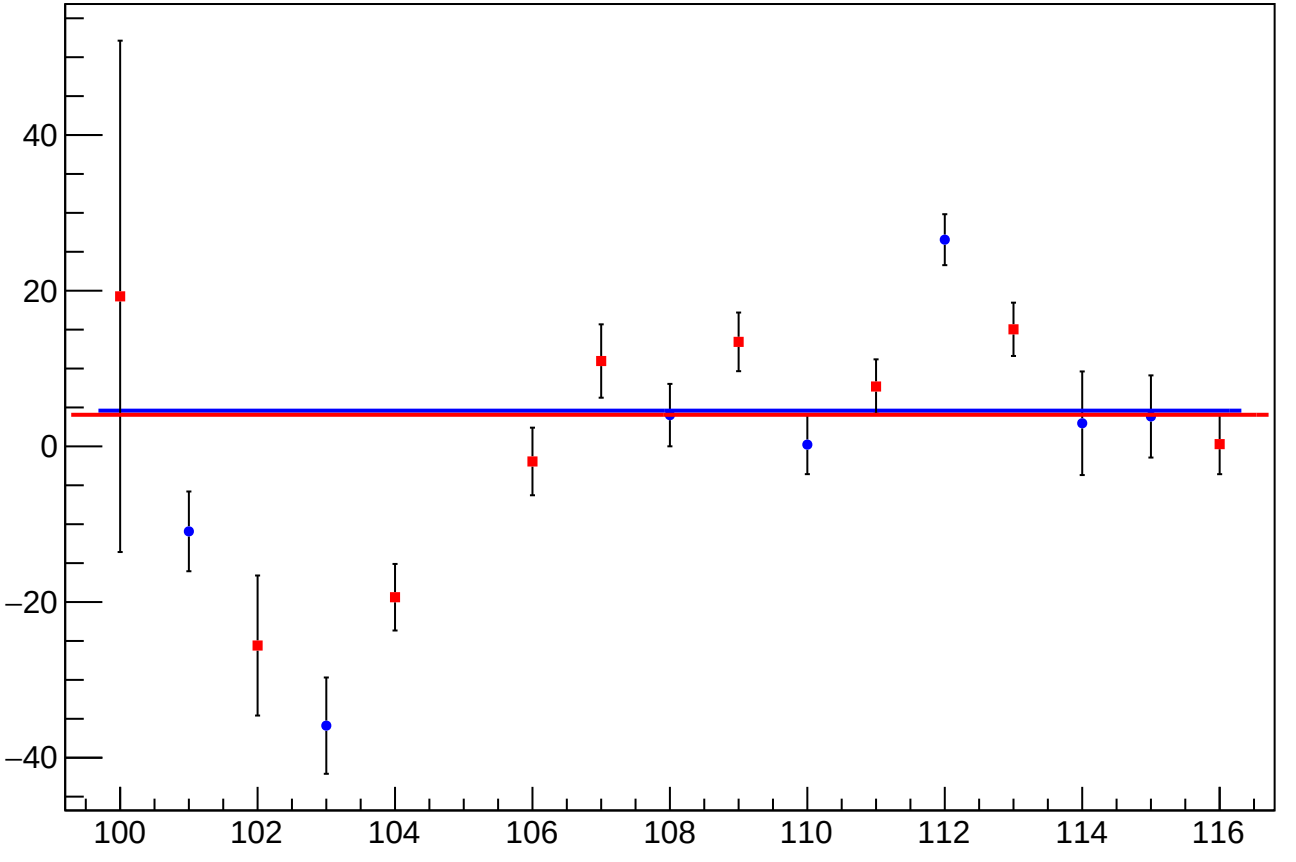
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -9.499+/-1.428 $\chi^2$/NDF: 787.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_dd_diff_bpm4aY_slope vs Slug




Right In: 4.590+/-1.696 $\chi^2$/NDF: 98.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 4.059+/-1.457 $\chi^2$/NDF: 63.7/8

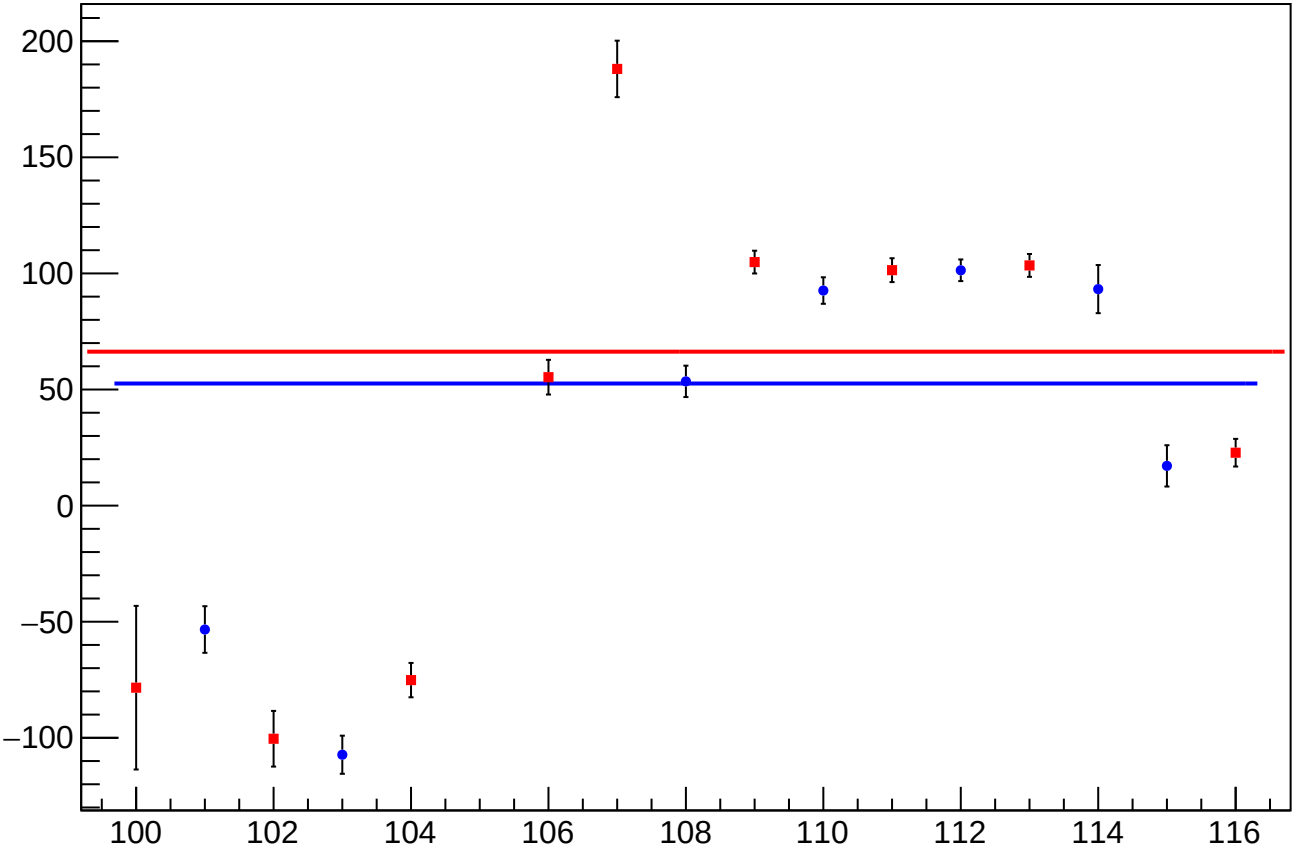
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 4.284+/-1.105 $\chi^2$/NDF: 162.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_dd_diff_bpm4eX_slope vs Slug




Right In: 52.586+/-2.624 $\chi^2$/NDF: 680.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 66.298+/-2.239 $\chi^2$/NDF: 896.9/8

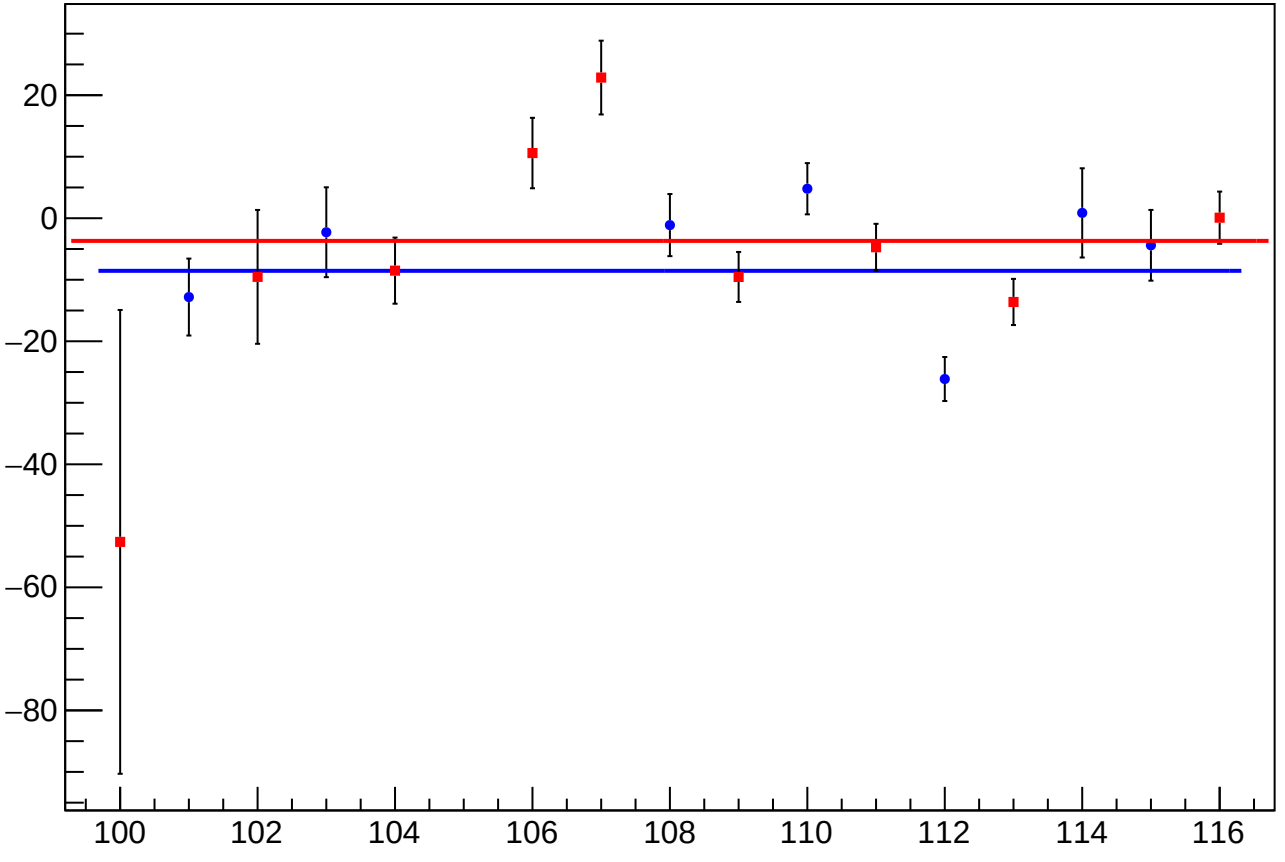
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 60.520+/-1.703 $\chi^2$/NDF: 1593.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_dd_diff_bpm4eY_slope vs Slug




Right In: -8.549+/-1.930 $\chi^2$/NDF: 40.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -3.682+/-1.671 $\chi^2$/NDF: 38.5/8

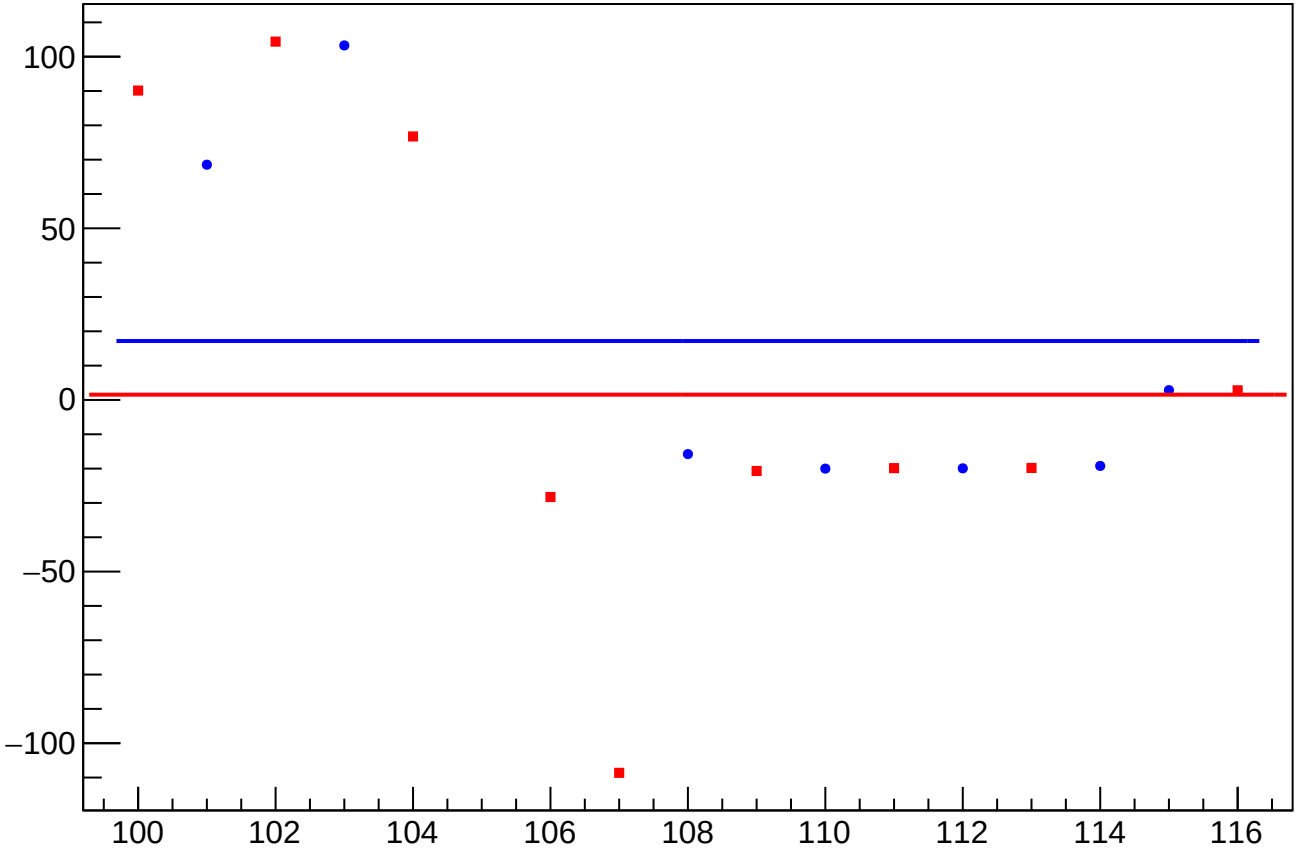
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -5.768+/-1.263 $\chi^2$/NDF: 82.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at1_dd_diff_bpm12X_slope vs Slug




Right In: 17.167+/-0.089 $\chi^2$/NDF: 339735.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.540+/-0.080 $\chi^2$/NDF: 509388.2/8

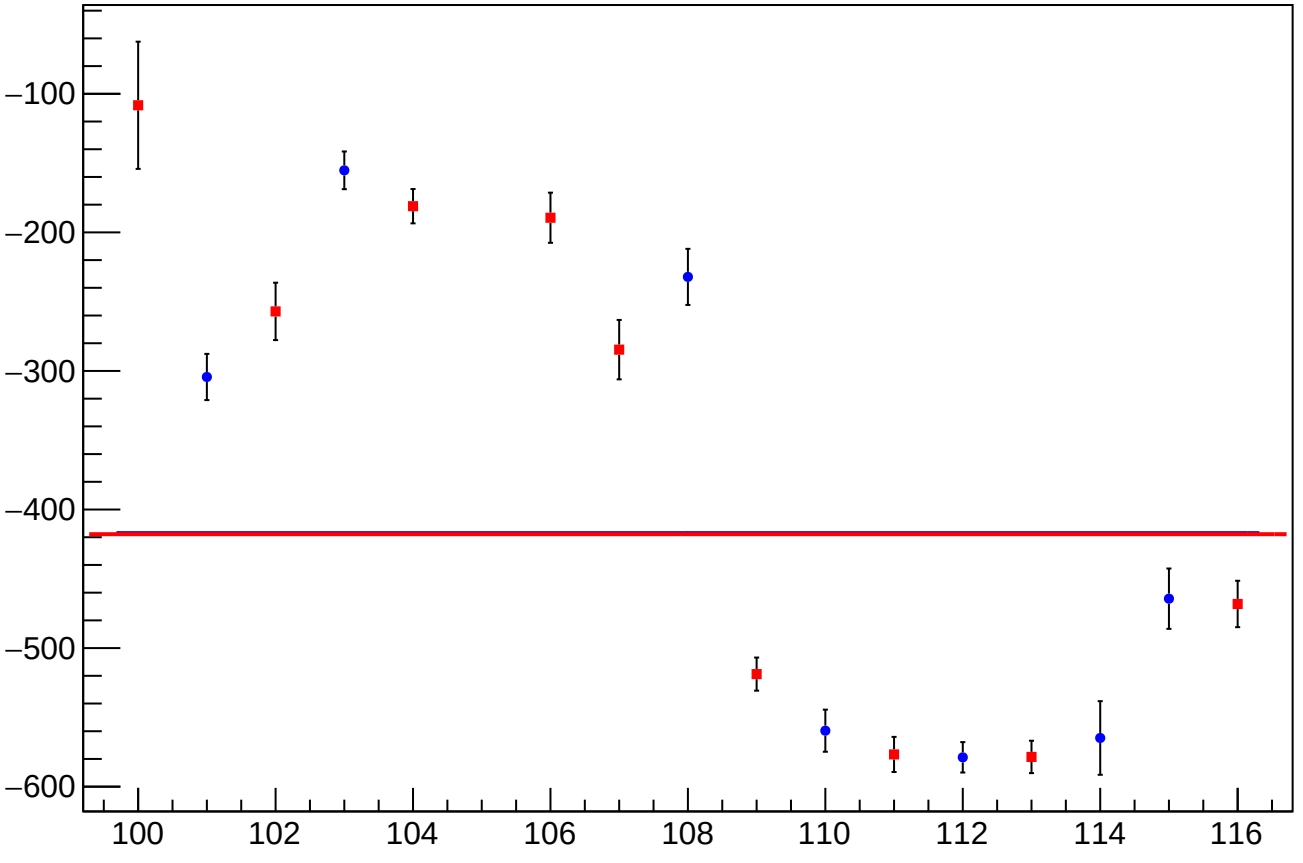
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 8.480+/-0.060 $\chi^2$/NDF: 866144.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_avg_diff_bpm4aX_slope vs Slug




Right In: -417.046+/-6.020 $\chi^2$/NDF: 840.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -417.805+/-5.084 $\chi^2$/NDF: 1096.5/8

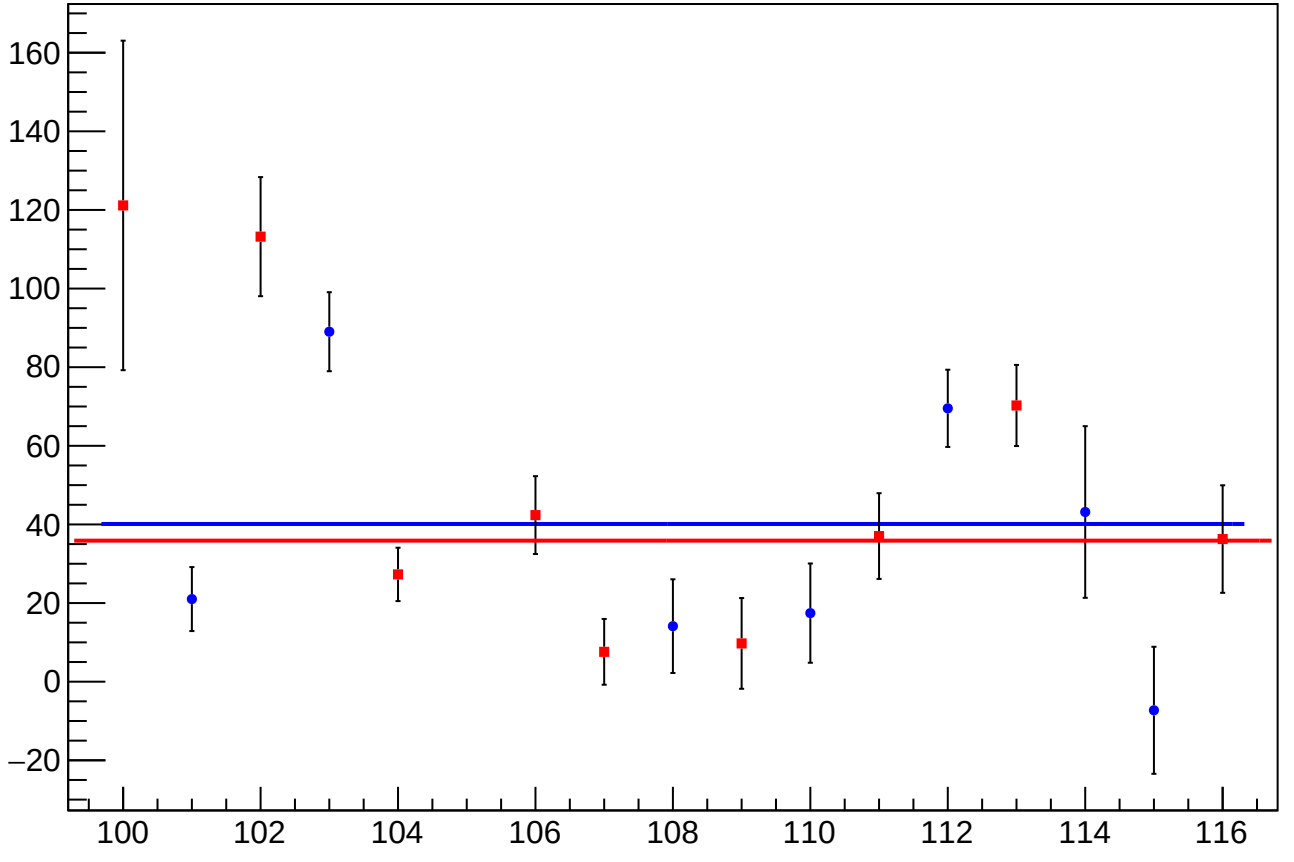
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -417.489+/-3.884 $\chi^2$/NDF: 1936.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_avg_diff_bpm4aY_slope vs Slug




Right In: 40.117+/-4.279 $\chi^2$/NDF: 54.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 35.876+/-3.497 $\chi^2$/NDF: 59.9/8

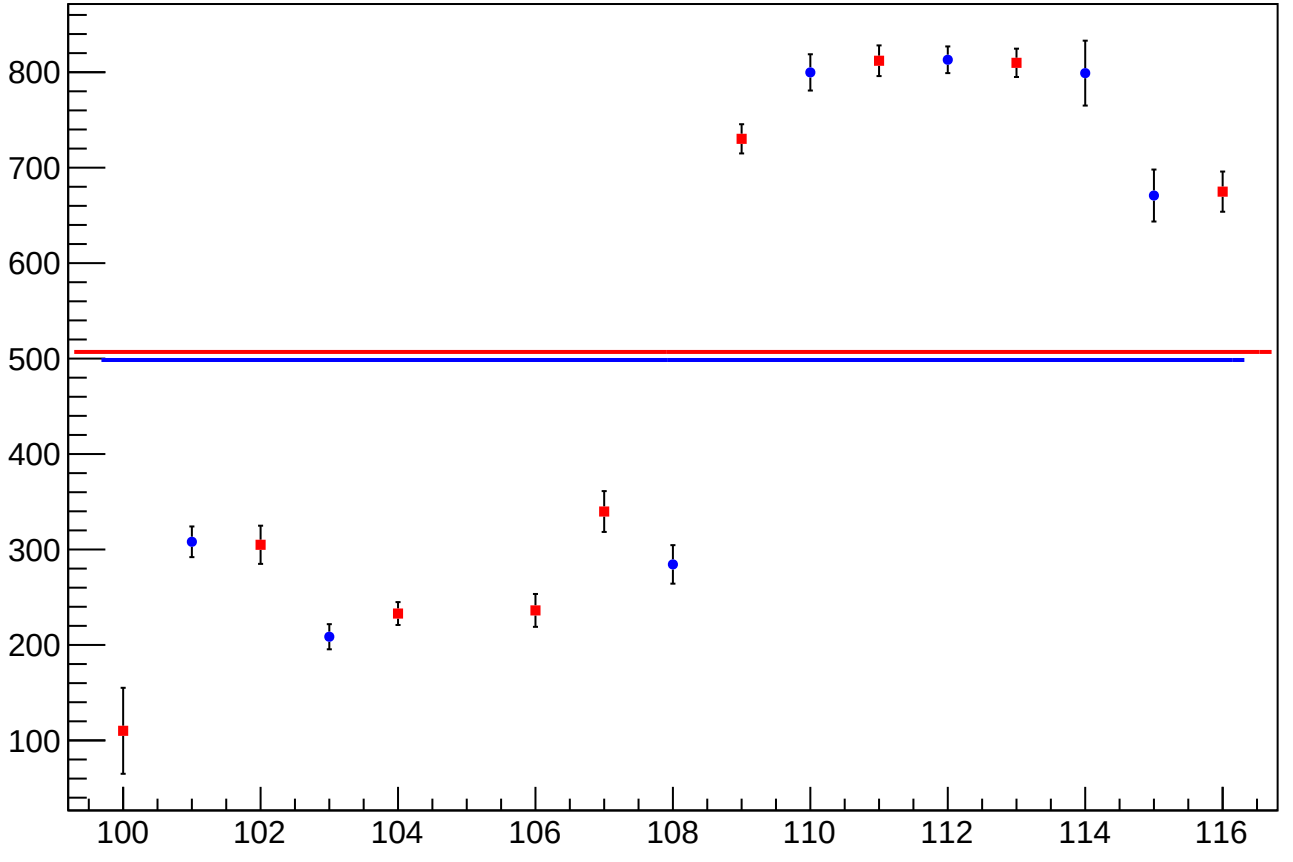
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 37.574+/-2.708 $\chi^2$/NDF: 115.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_avg_diff_bpm4eX_slope vs Slug




Right In: 498.526+/-6.711 $\chi^2$/NDF: 1614.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 506.961+/-5.731 $\chi^2$/NDF: 2064.1/8

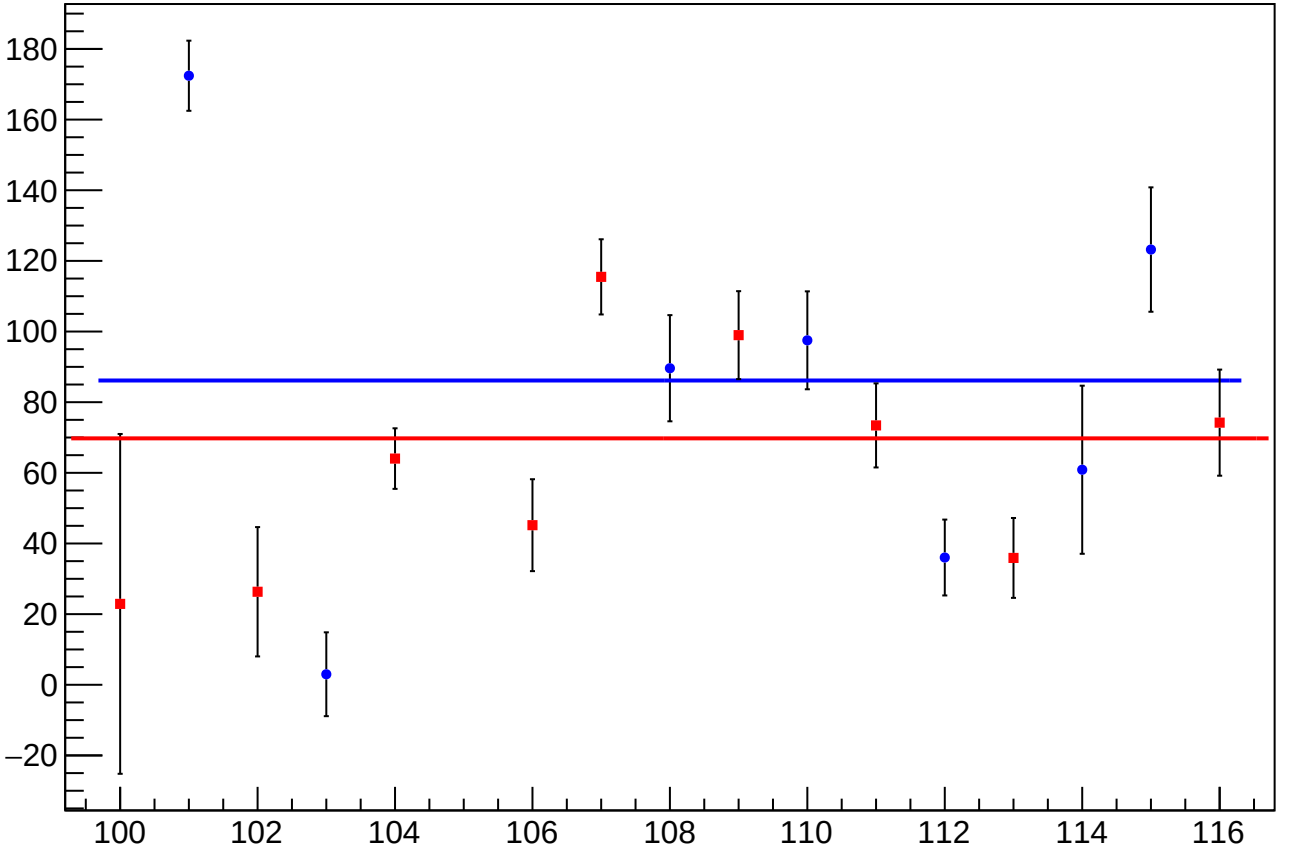
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 503.404+/-4.358 $\chi^2$/NDF: 3679.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_avg_diff_bpm4eY_slope vs Slug




Right In: 86.140+/-4.966 $\chi^2$/NDF: 152.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 69.759+/-4.169 $\chi^2$/NDF: 43.7/8

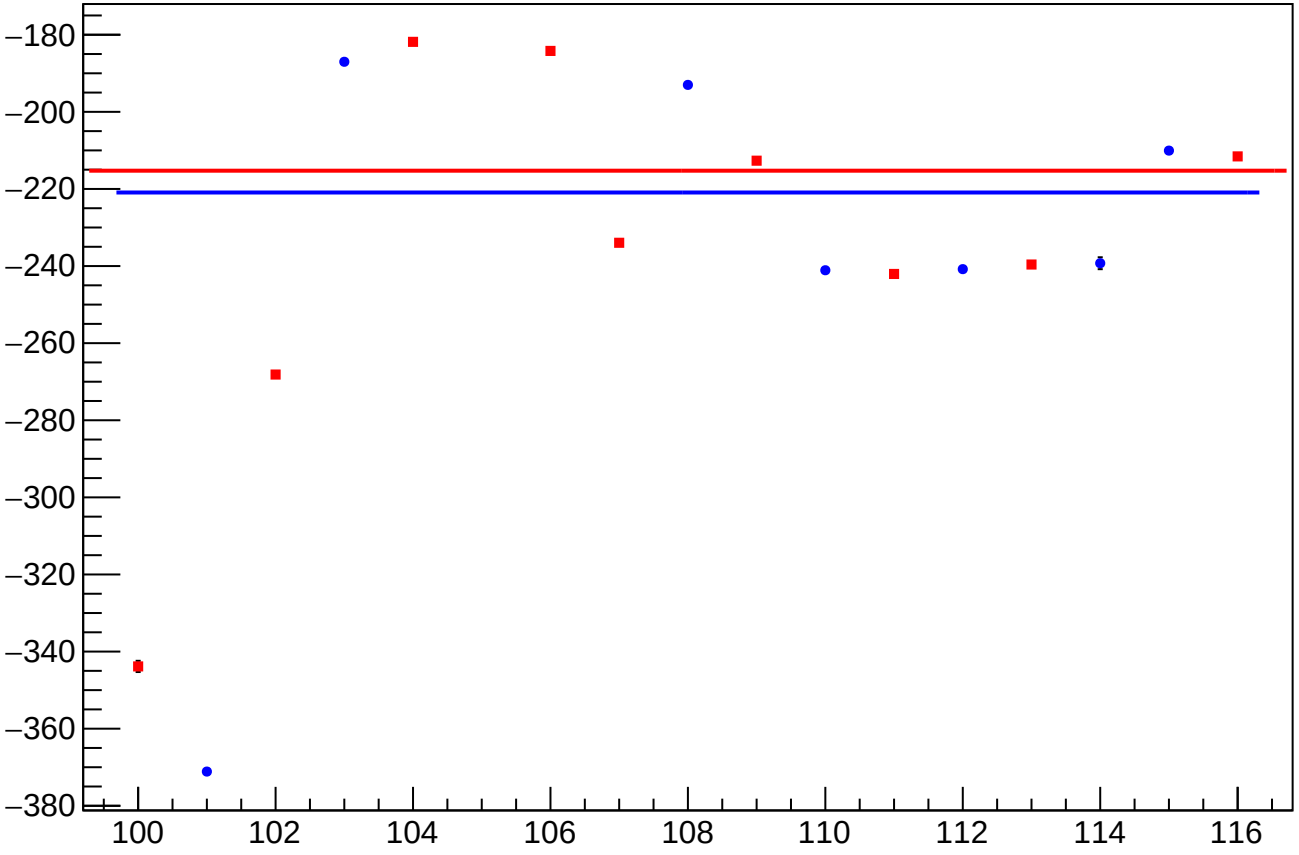
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 76.531+/-3.193 $\chi^2$/NDF: 202.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_avg_diff_bpm12X_slope vs Slug




Right In: -220.920+/-0.205 $\chi^2$/NDF: 85886.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -215.264+/-0.179 $\chi^2$/NDF: 40297.1/8

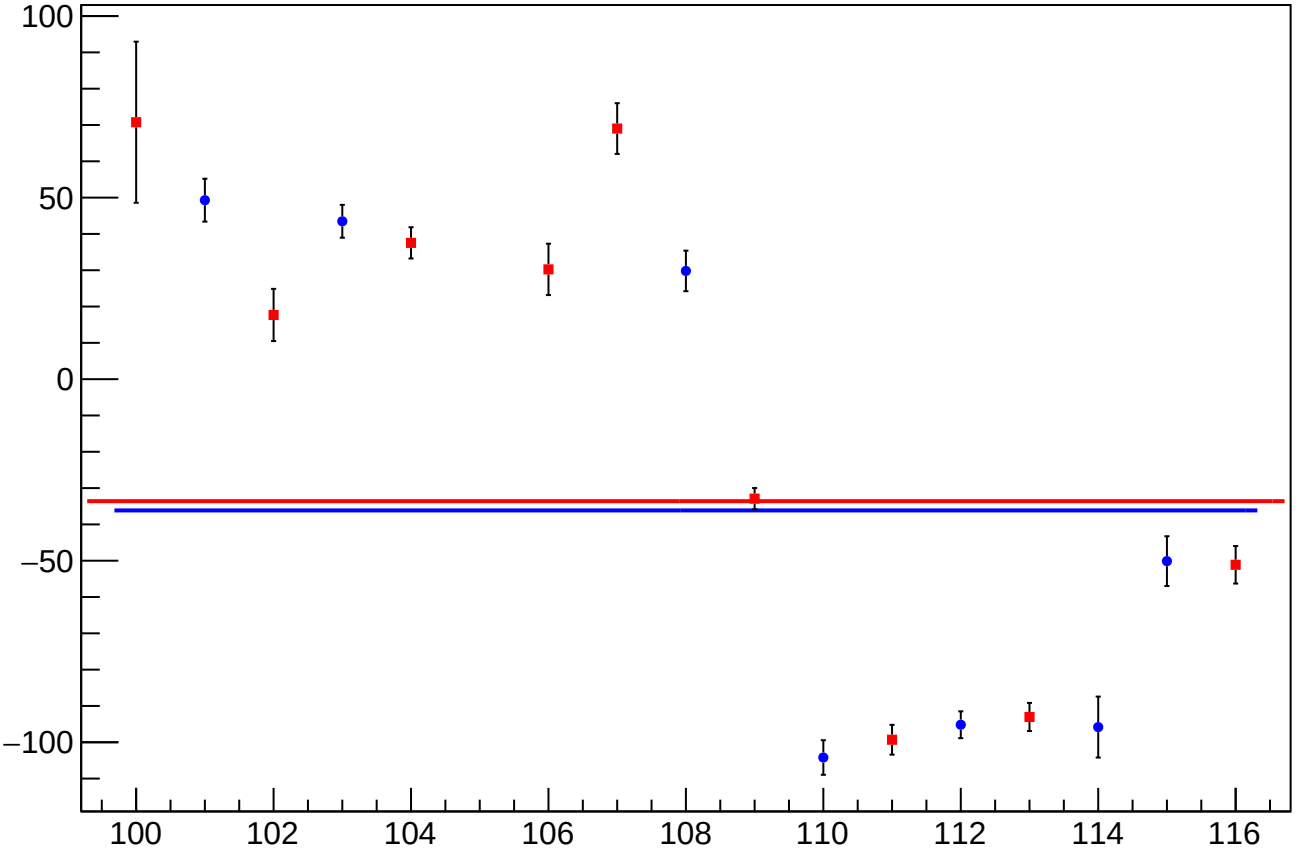
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -217.710+/-0.135 $\chi^2$/NDF: 126615.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_dd_diff_bpm4aX_slope vs Slug




Right In: -36.150+/-1.953 $\chi^2$/NDF: 1171.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -33.602+/-1.589 $\chi^2$/NDF: 1146.3/8

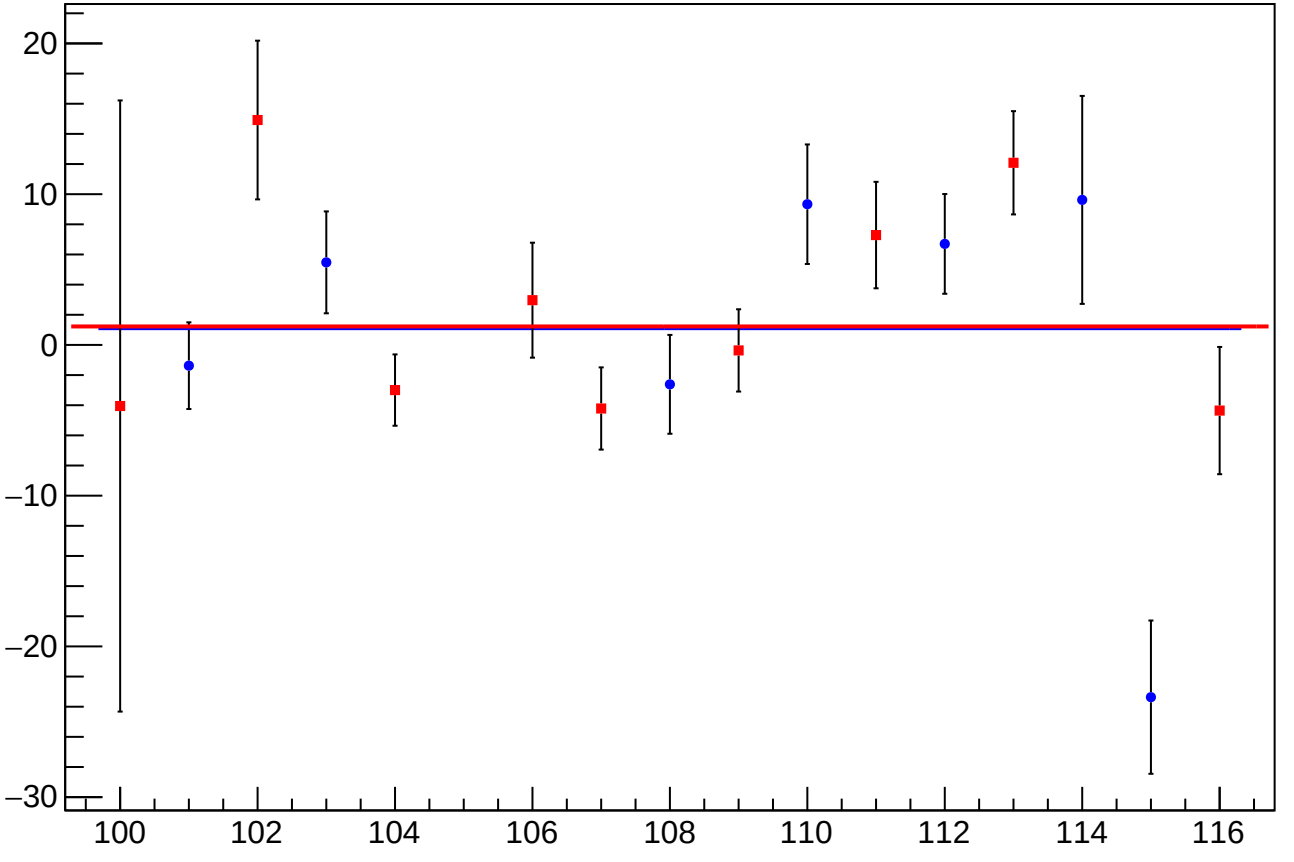
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -34.617+/-1.232 $\chi^2$/NDF: 2319.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_dd_diff_bpm4aY_slope vs Slug




Right In: 1.113+/-1.392 $\chi^2$/NDF: 35.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.226+/-1.135 $\chi^2$/NDF: 29.3/8

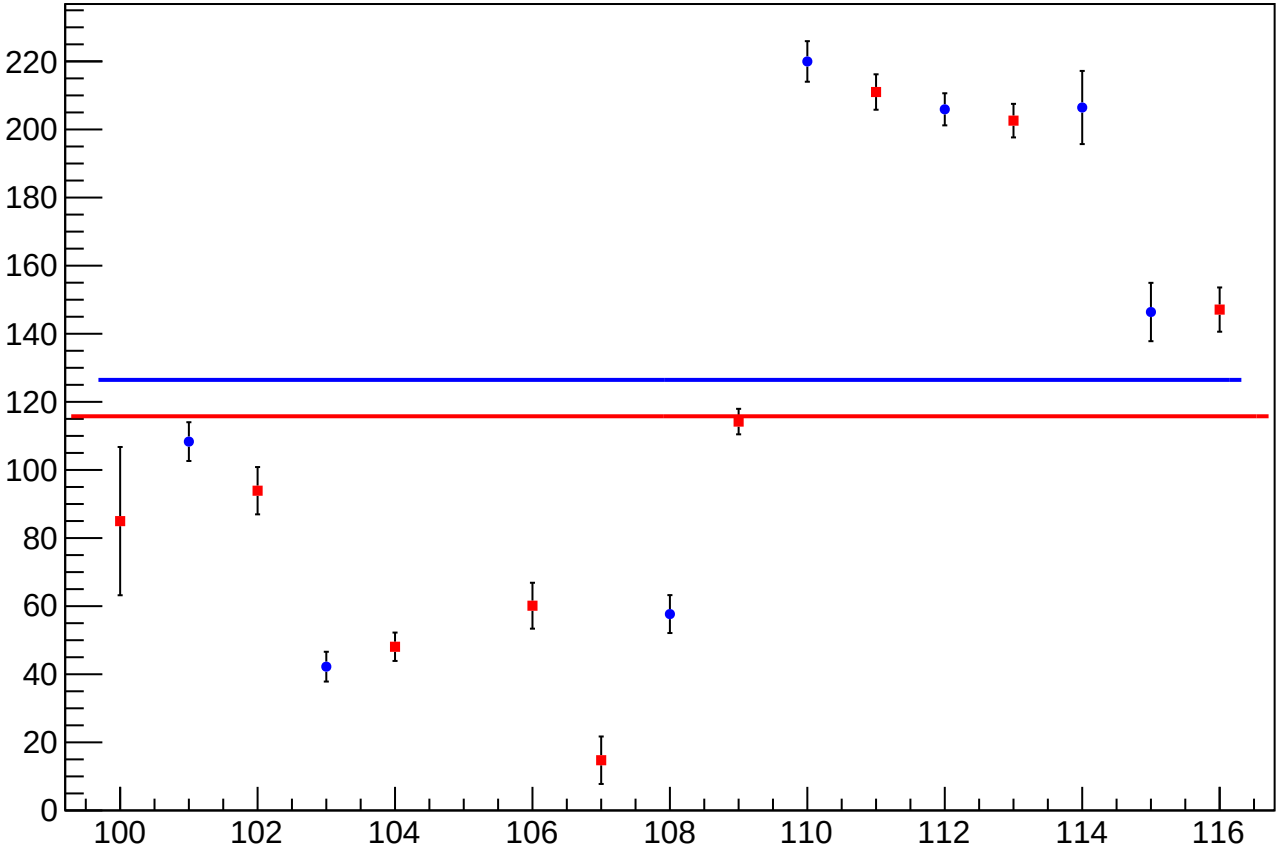
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.181+/-0.880 $\chi^2$/NDF: 64.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_dd_diff_bpm4eX_slope vs Slug




Right In: 126.453+/-2.178 $\chi^2$/NDF: 1124.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 115.767+/-1.838 $\chi^2$/NDF: 1222.5/8

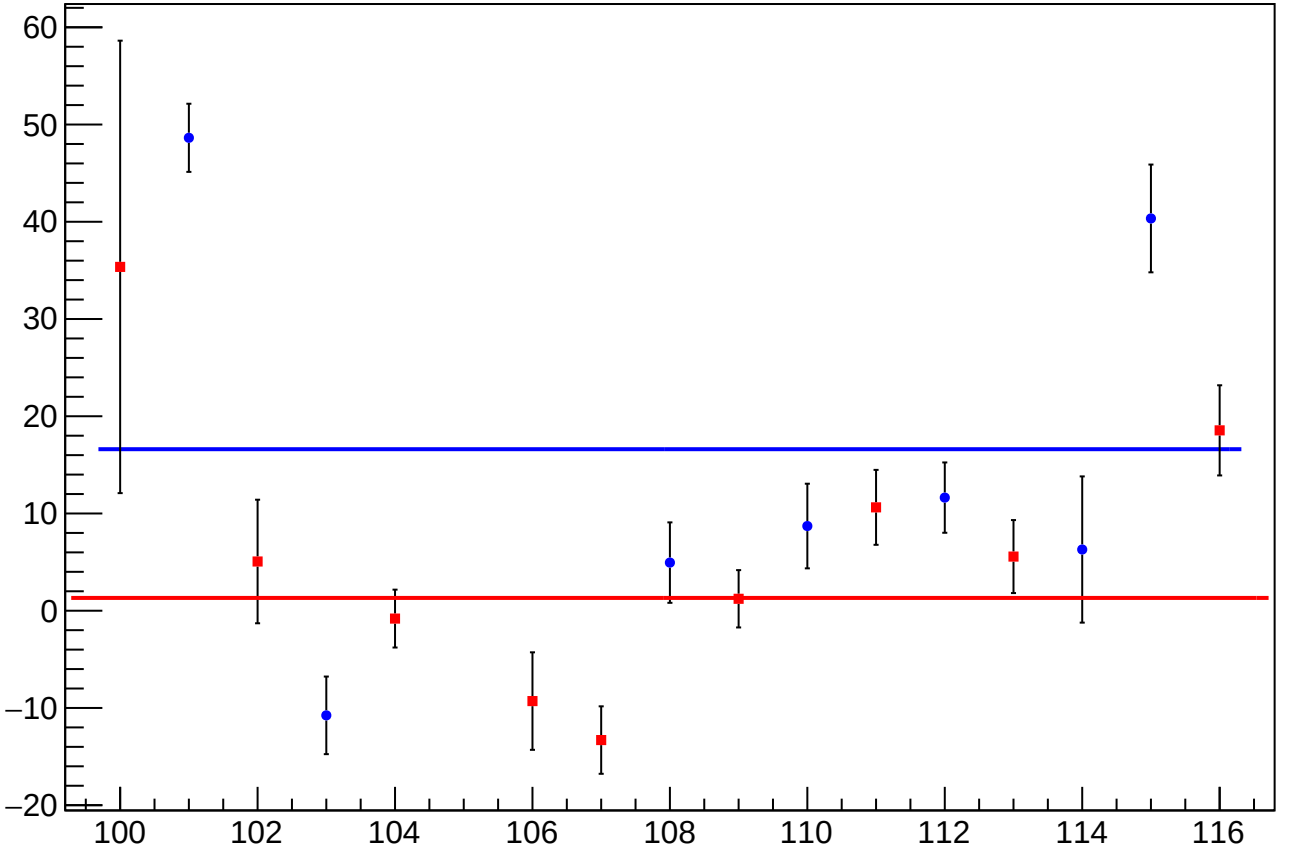
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 120.212+/-1.405 $\chi^2$/NDF: 2361.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_dd_diff_bpm4eY_slope vs Slug




Right In: 16.611+/-1.618 $\chi^2$/NDF: 163.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.316+/-1.334 $\chi^2$/NDF: 46.2/8

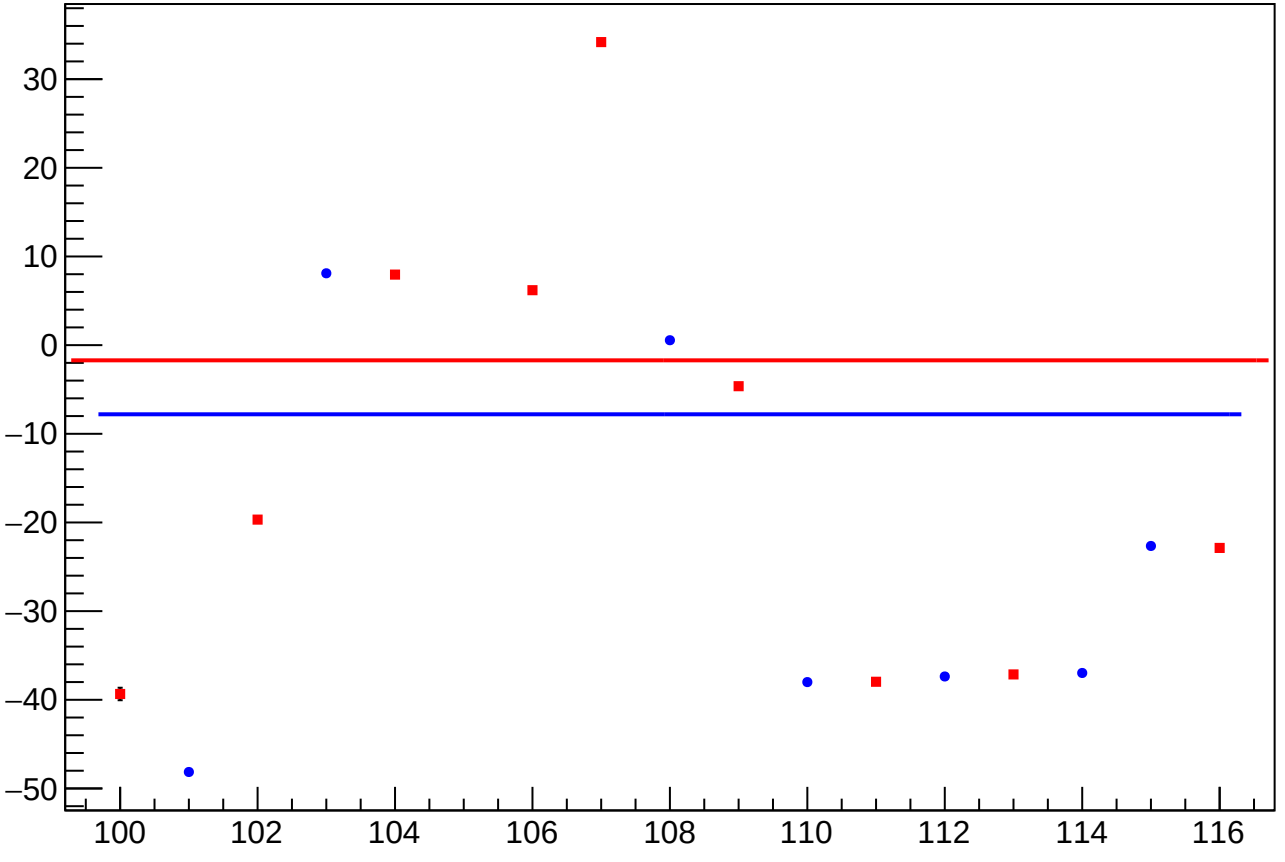
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 7.506+/-1.029 $\chi^2$/NDF: 263.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_at2_dd_diff_bpm12X_slope vs Slug




Right In: -7.799+/-0.065 $\chi^2$/NDF: 103554.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.714+/-0.059 $\chi^2$/NDF: 128665.7/8

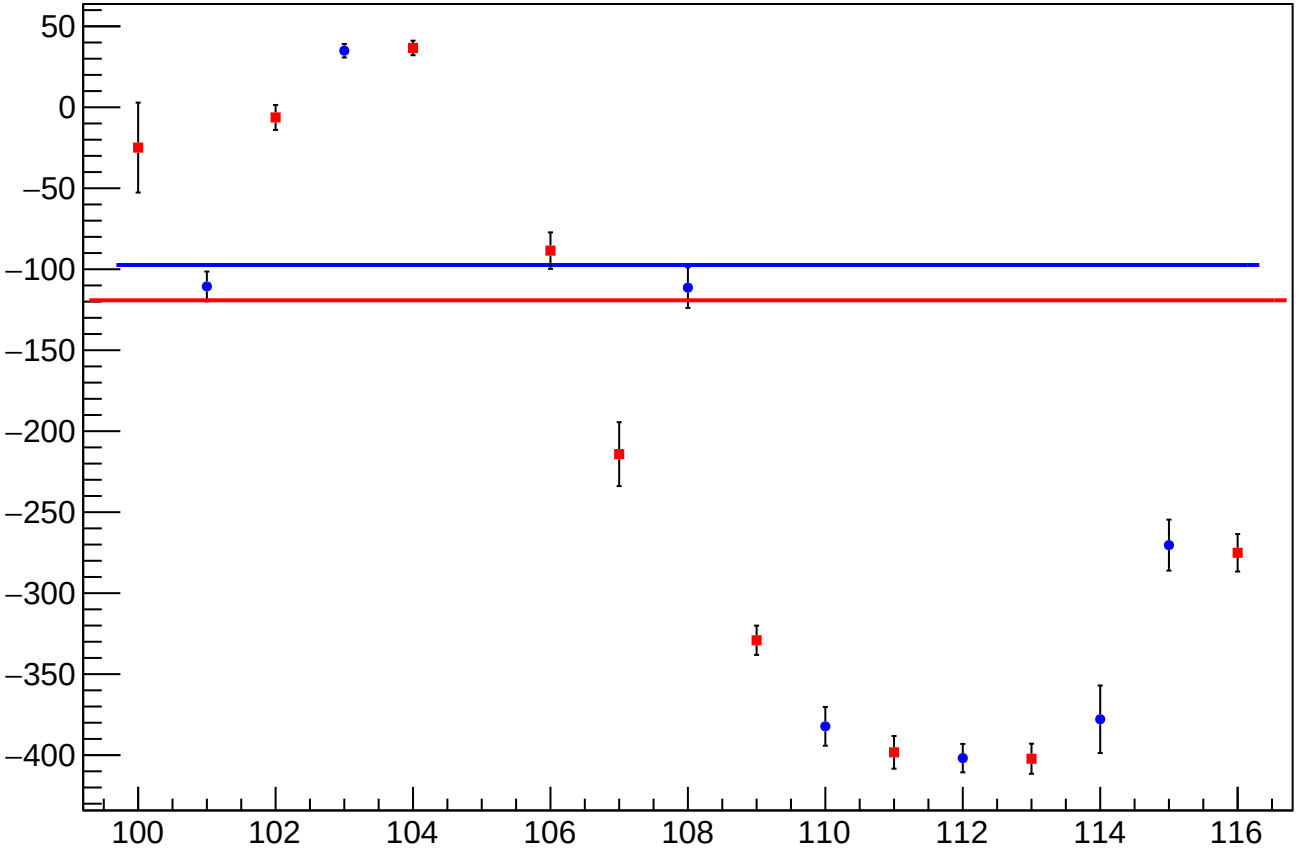
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -4.466+/-0.044 $\chi^2$/NDF: 236957.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_avg_diff_bpm4aX_slope vs Slug




Right In: -97.369+/-3.139 $\chi^2$/NDF: 3075.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -119.175+/-2.894 $\chi^2$/NDF: 3876.3/8

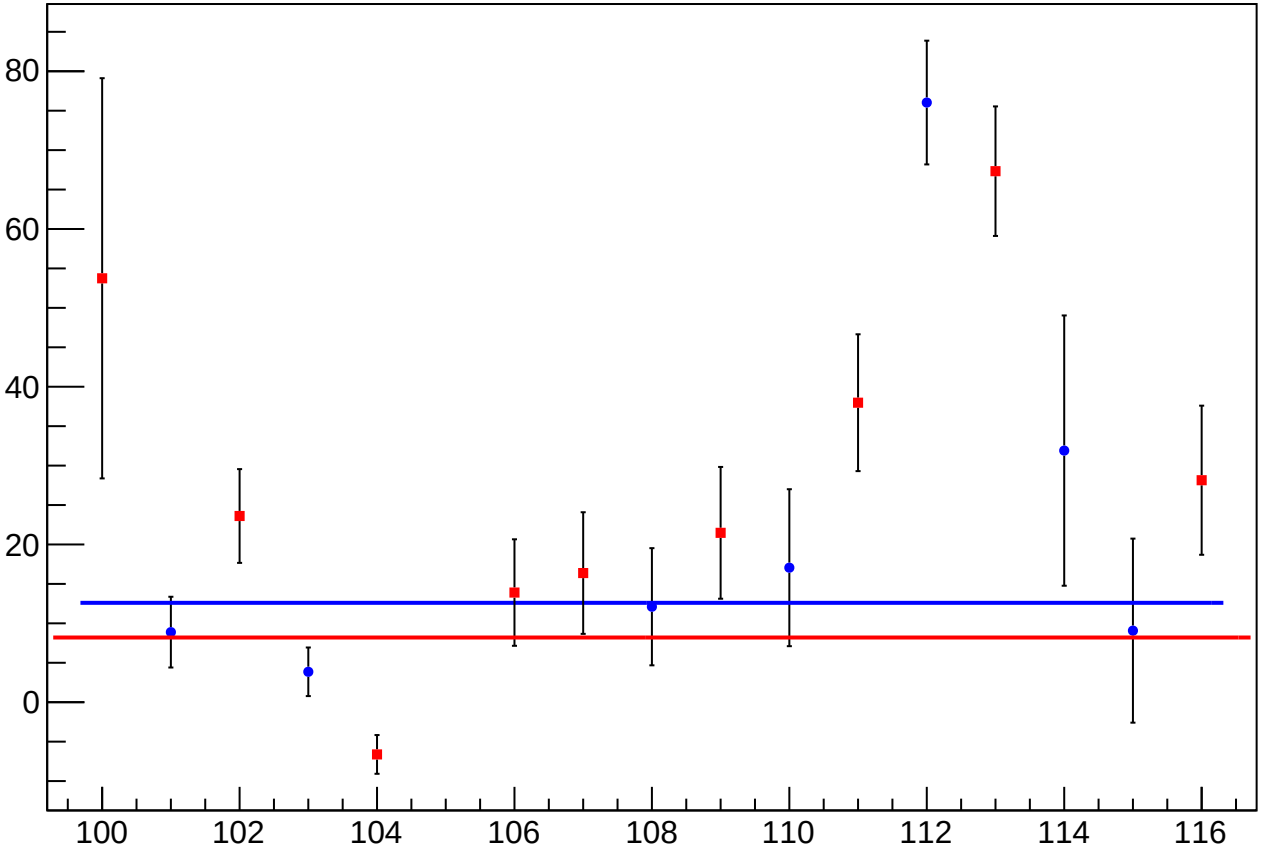
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -109.153+/-2.128 $\chi^2$/NDF: 6977.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug




Right In: 12.601+/-2.181 $\chi^2$/NDF: 75.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 8.203+/-1.864 $\chi^2$/NDF: 118.8/8

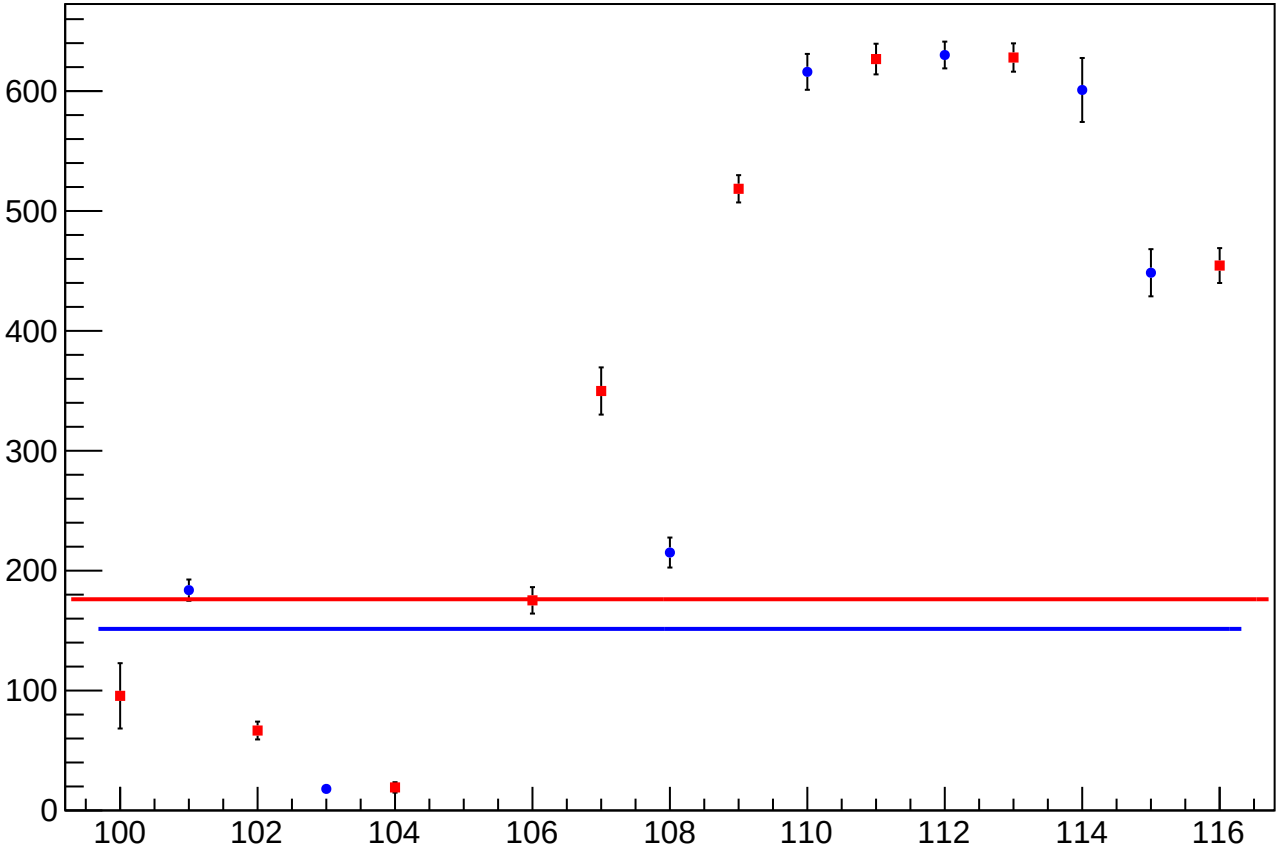
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 10.060+/-1.417 $\chi^2$/NDF: 196.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug




Right In: 151.435+/-3.218 $\chi^2$/NDF: 4438.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 176.155+/-3.031 $\chi^2$/NDF: 5580.4/8

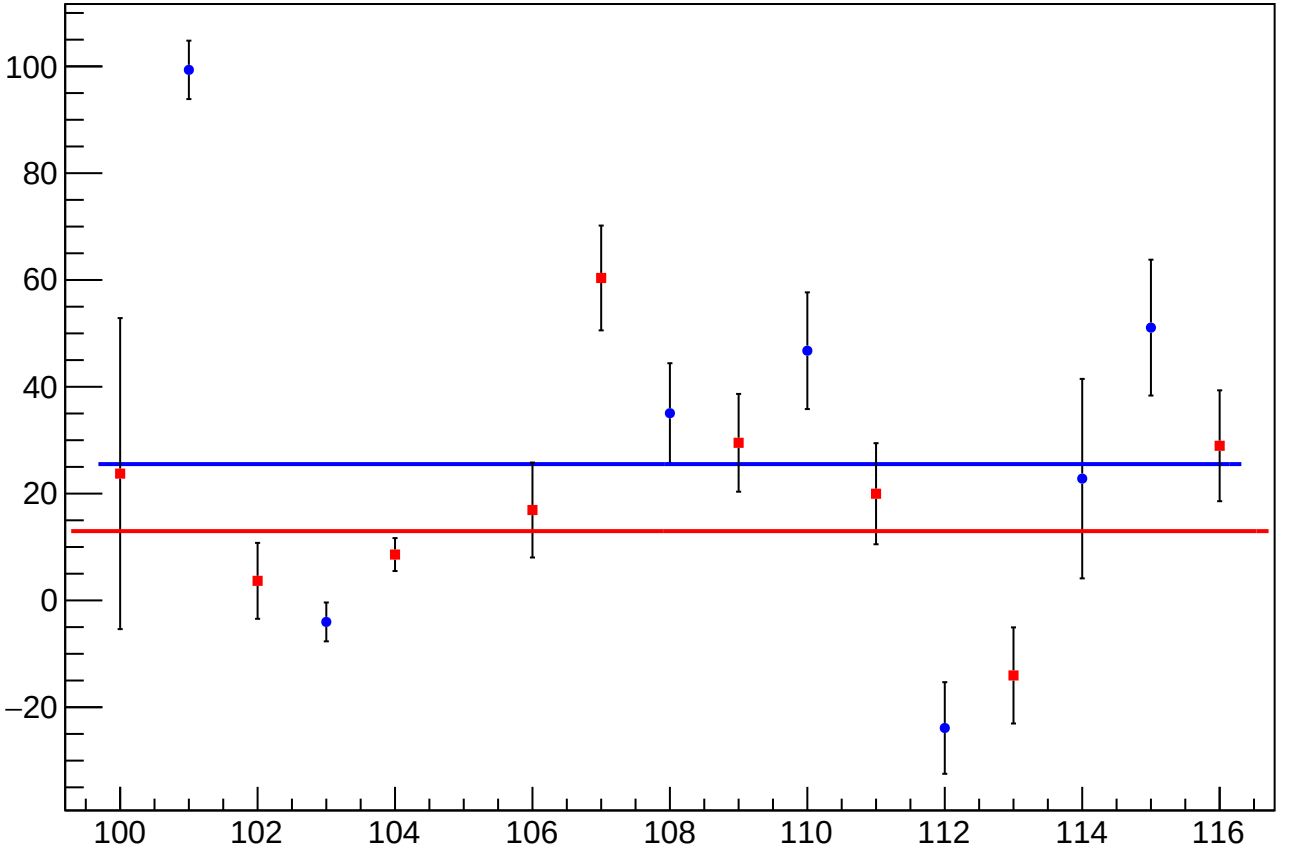
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 164.534+/-2.207 $\chi^2$/NDF: 10049.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug




Right In: 25.524+/-2.570 $\chi^2$/NDF: 290.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 12.976+/-2.272 $\chi^2$/NDF: 42.6/8

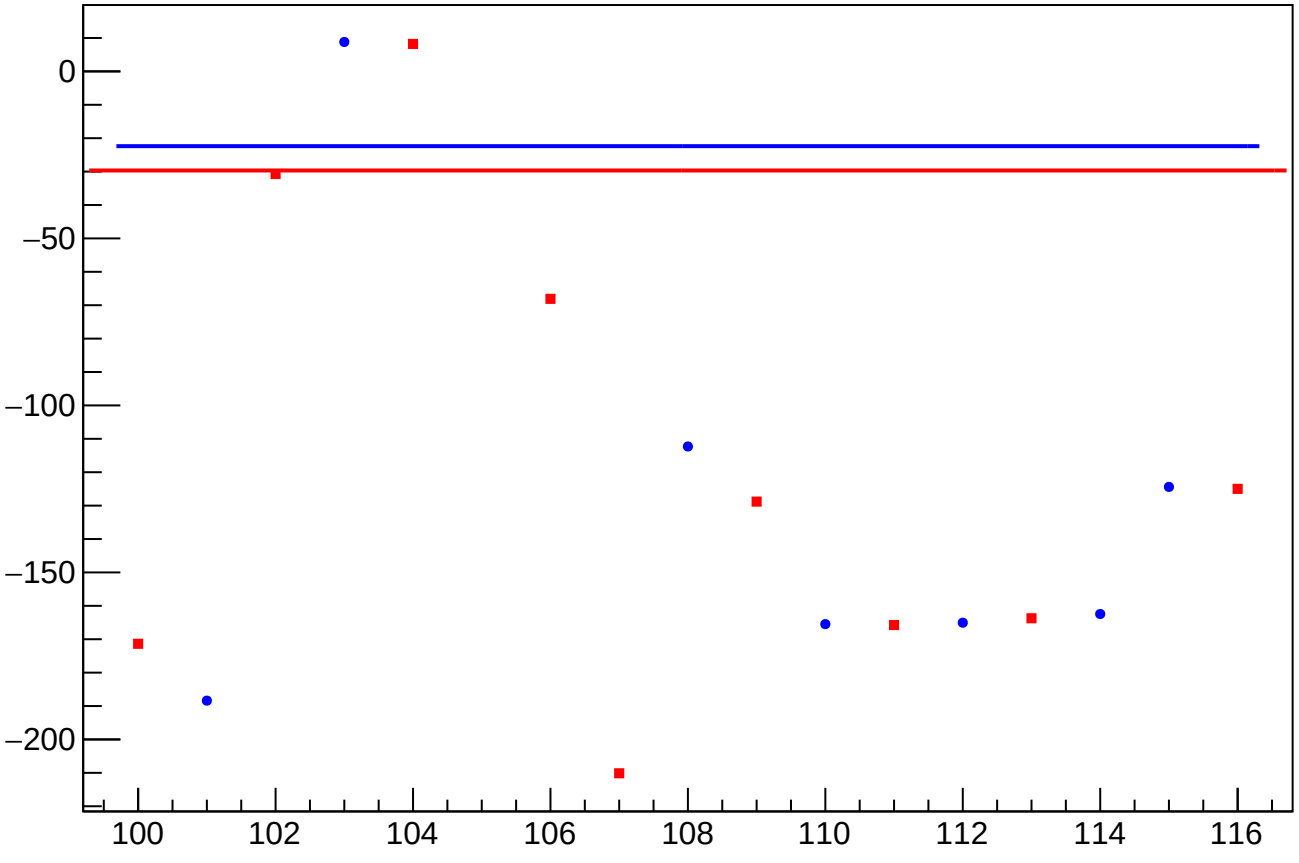
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 18.481+/-1.702 $\chi^2$/NDF: 346.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug




Right In: -22.384+/-0.081 $\chi^2$/NDF: 631149.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -29.667+/-0.082 $\chi^2$/NDF: 510698.7/8

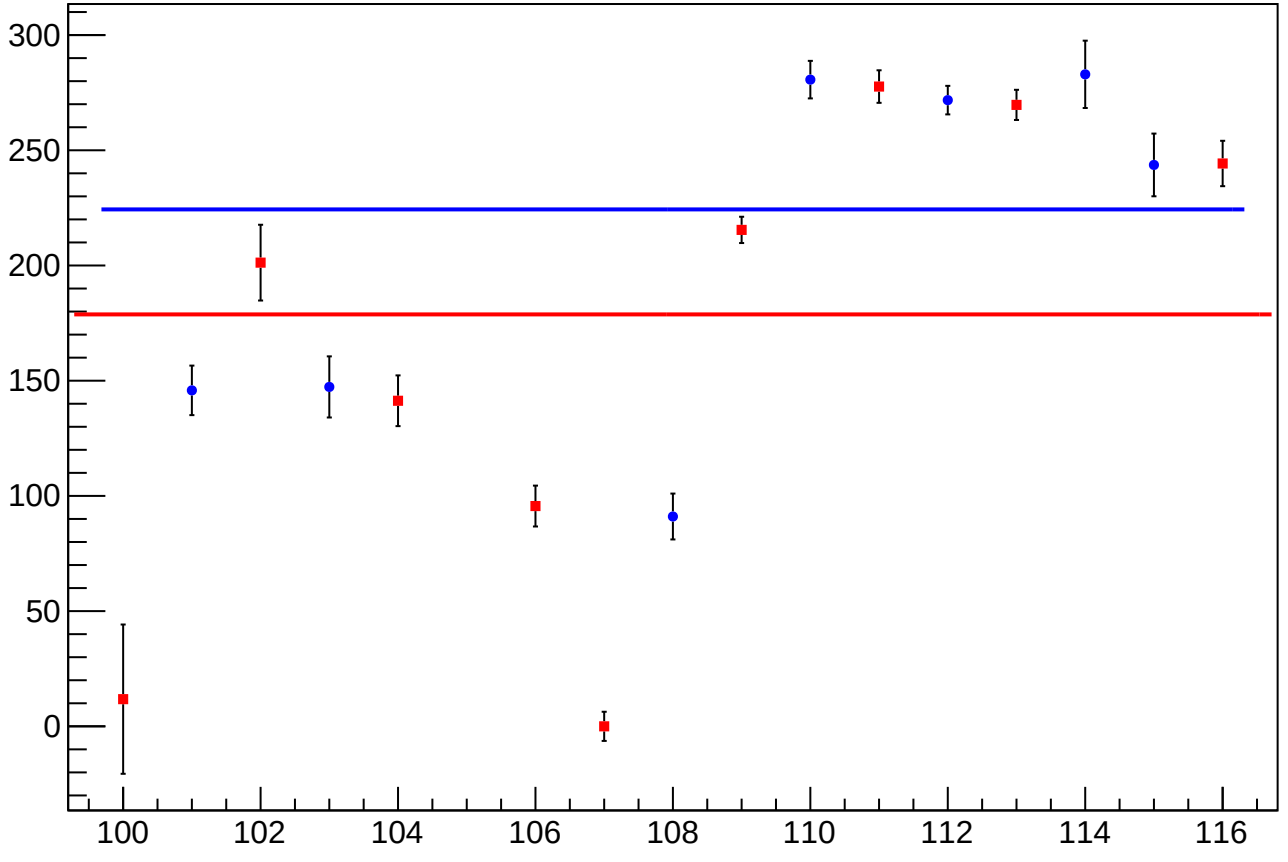
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -26.011+/-0.058 $\chi^2$/NDF: 1145839.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_dd_diff_bpm4aX_slope vs Slug




Right In: 224.341+/-3.636 $\chi^2$/NDF: 391.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 178.773+/-2.721 $\chi^2$/NDF: 1400.5/8

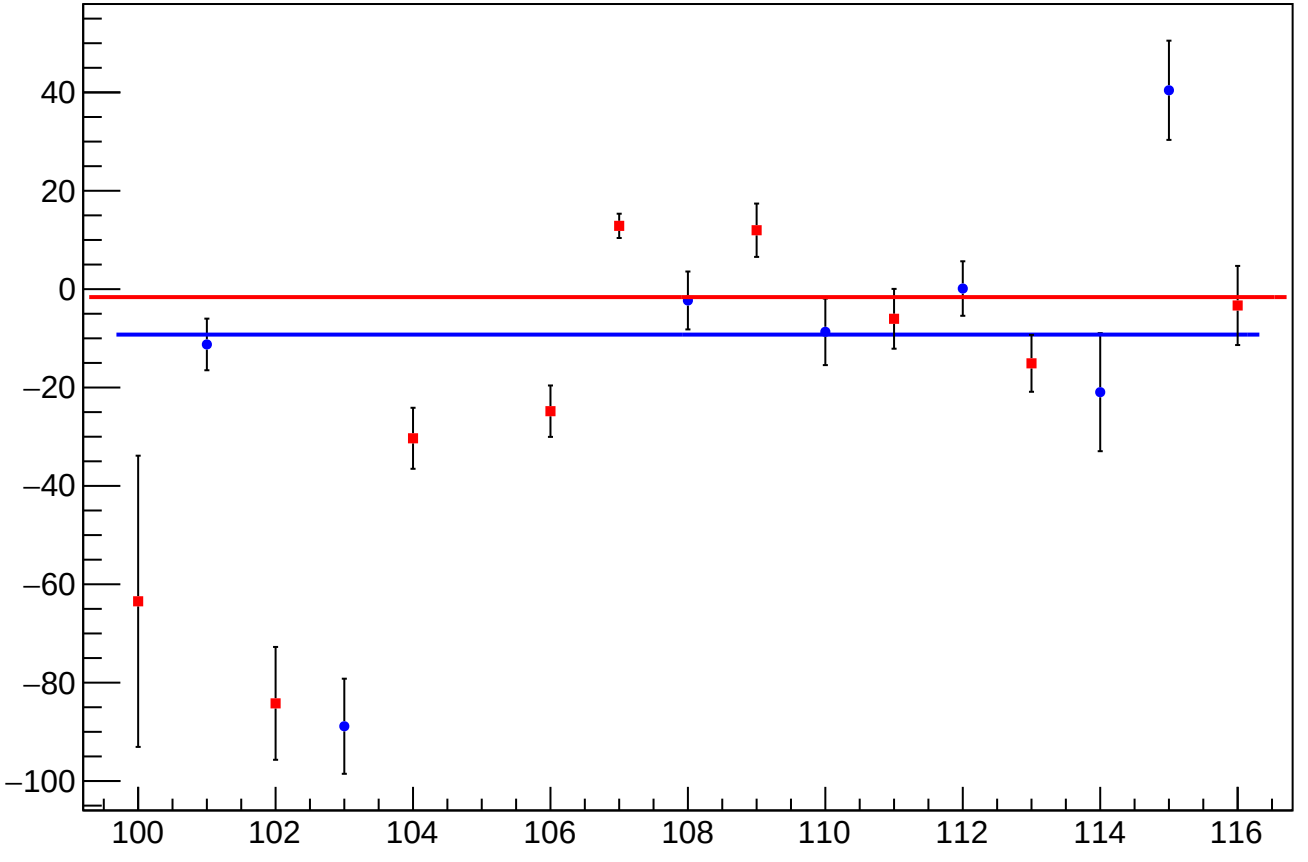
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 195.136+/-2.179 $\chi^2$/NDF: 1892.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug




Right In: -9.239+/-2.608 $\chi^2$/NDF: 97.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.617+/-1.710 $\chi^2$/NDF: 144.1/8

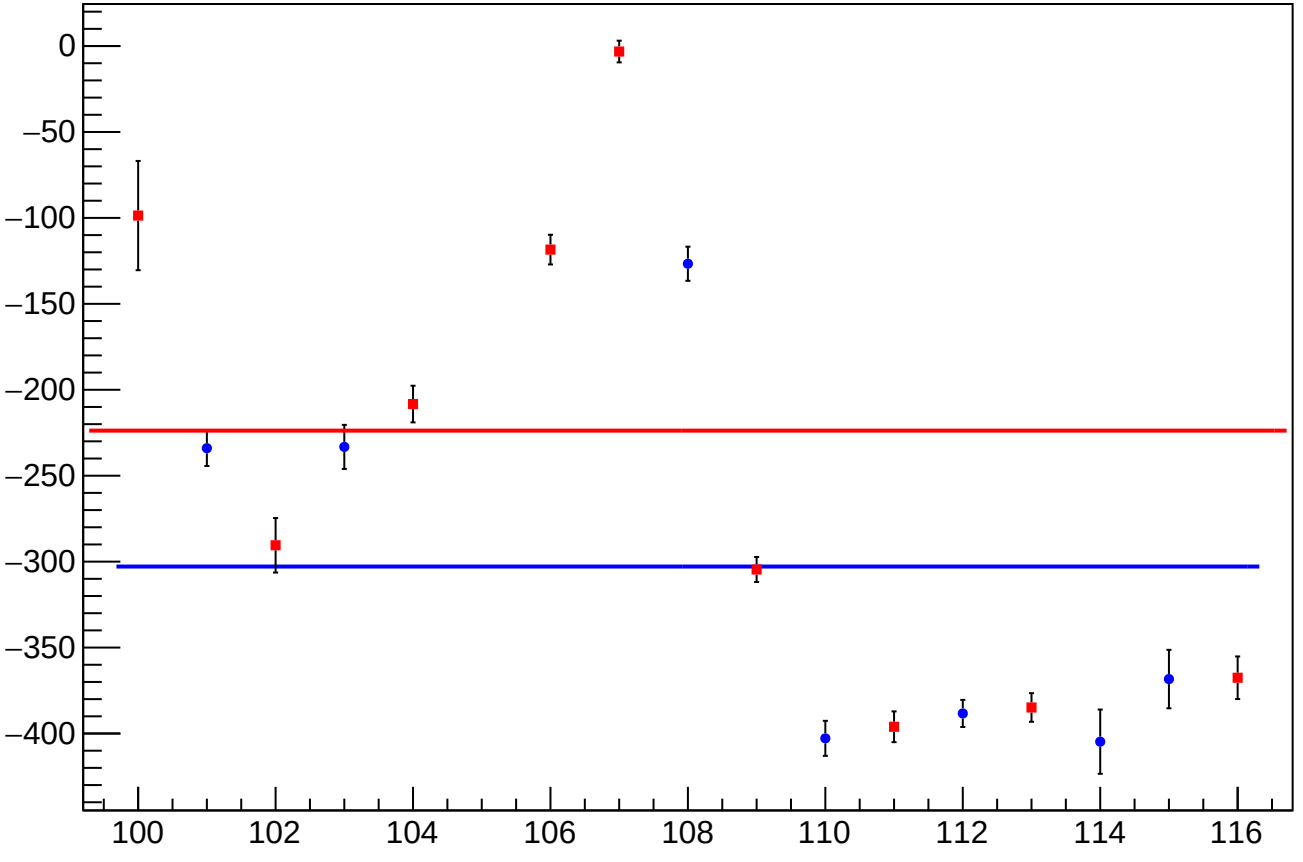
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -3.909+/-1.430 $\chi^2$/NDF: 247.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug




Right In: -302.851+/-4.168 $\chi^2$/NDF: 646.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -223.765+/-3.093 $\chi^2$/NDF: 2406.2/8

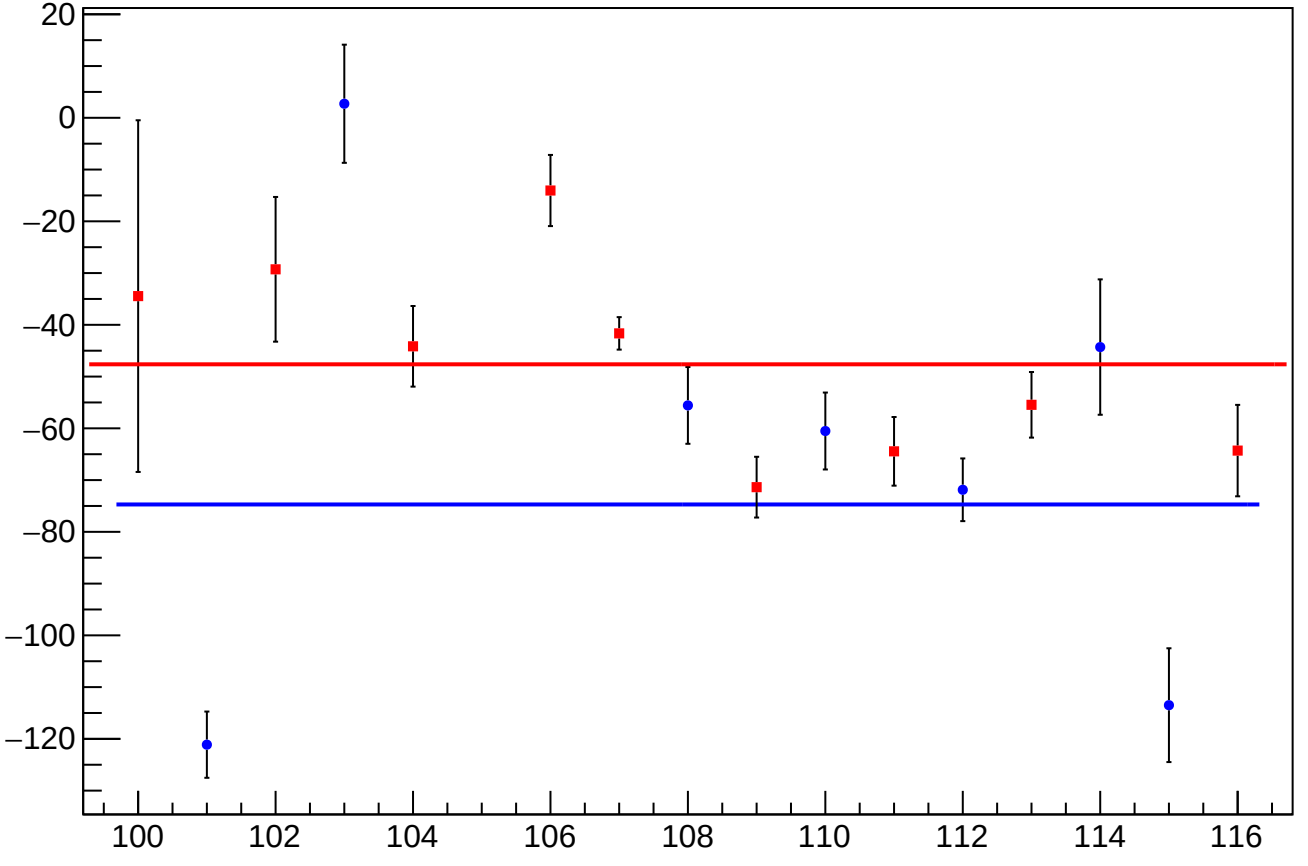
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -251.854+/-2.484 $\chi^2$/NDF: 3285.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug




Right In: -74.710+/-3.018 $\chi^2$/NDF: 127.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -47.630+/-2.065 $\chi^2$/NDF: 57.4/8

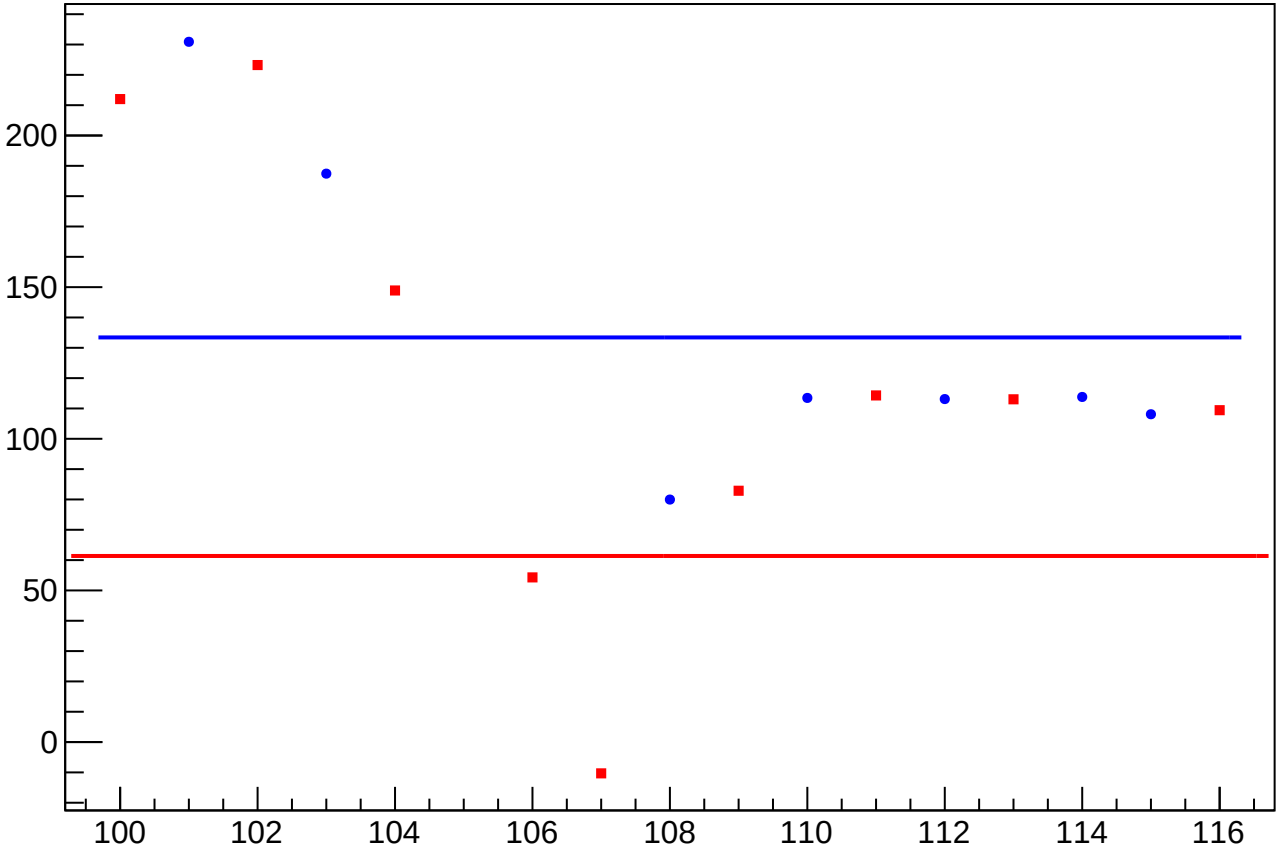
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -56.260+/-1.704 $\chi^2$/NDF: 239.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug




Right In: 133.421+/-0.137 $\chi^2$/NDF: 166269.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 61.362+/-0.093 $\chi^2$/NDF: 604651.9/8

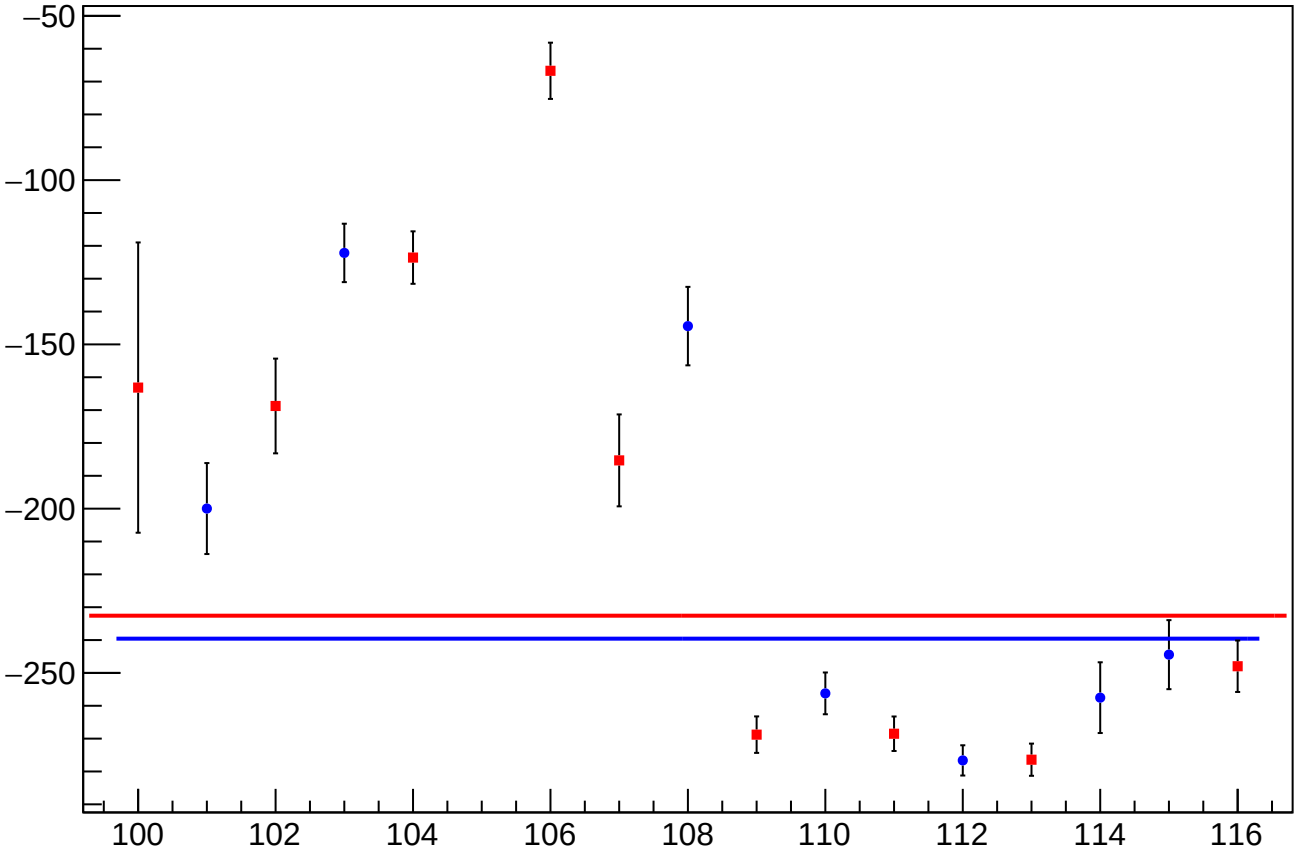
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 84.362+/-0.077 $\chi^2$/NDF: 960512.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_avg_diff_bpm4aX_slope vs Slug




Right In: -239.572+/-2.956 $\chi^2$/NDF: 320.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -232.581+/-2.451 $\chi^2$/NDF: 768.4/8

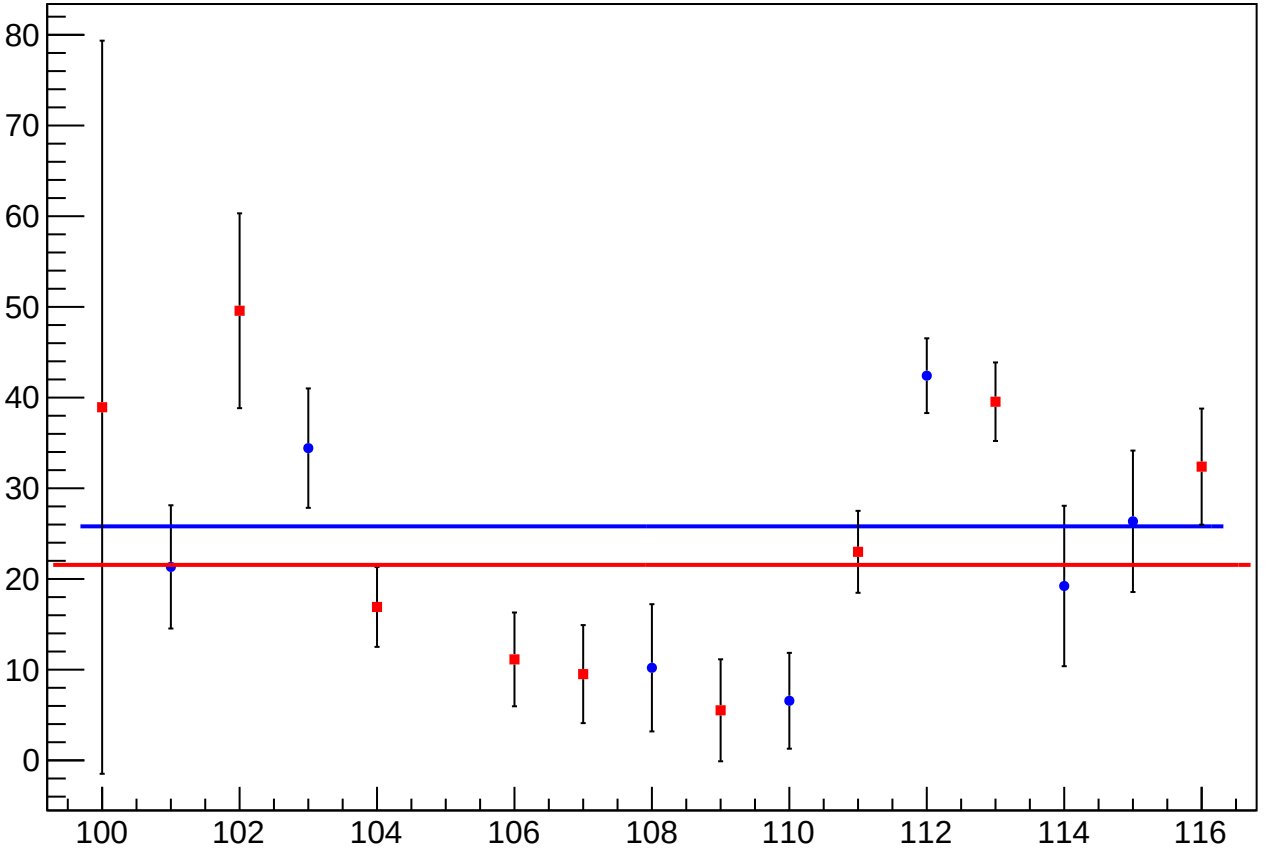
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -235.429+/-1.887 $\chi^2$/NDF: 1092.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug




Right In: 25.803+/-2.300 $\chi^2$/NDF: 37.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 21.553+/-1.854 $\chi^2$/NDF: 45.5/8

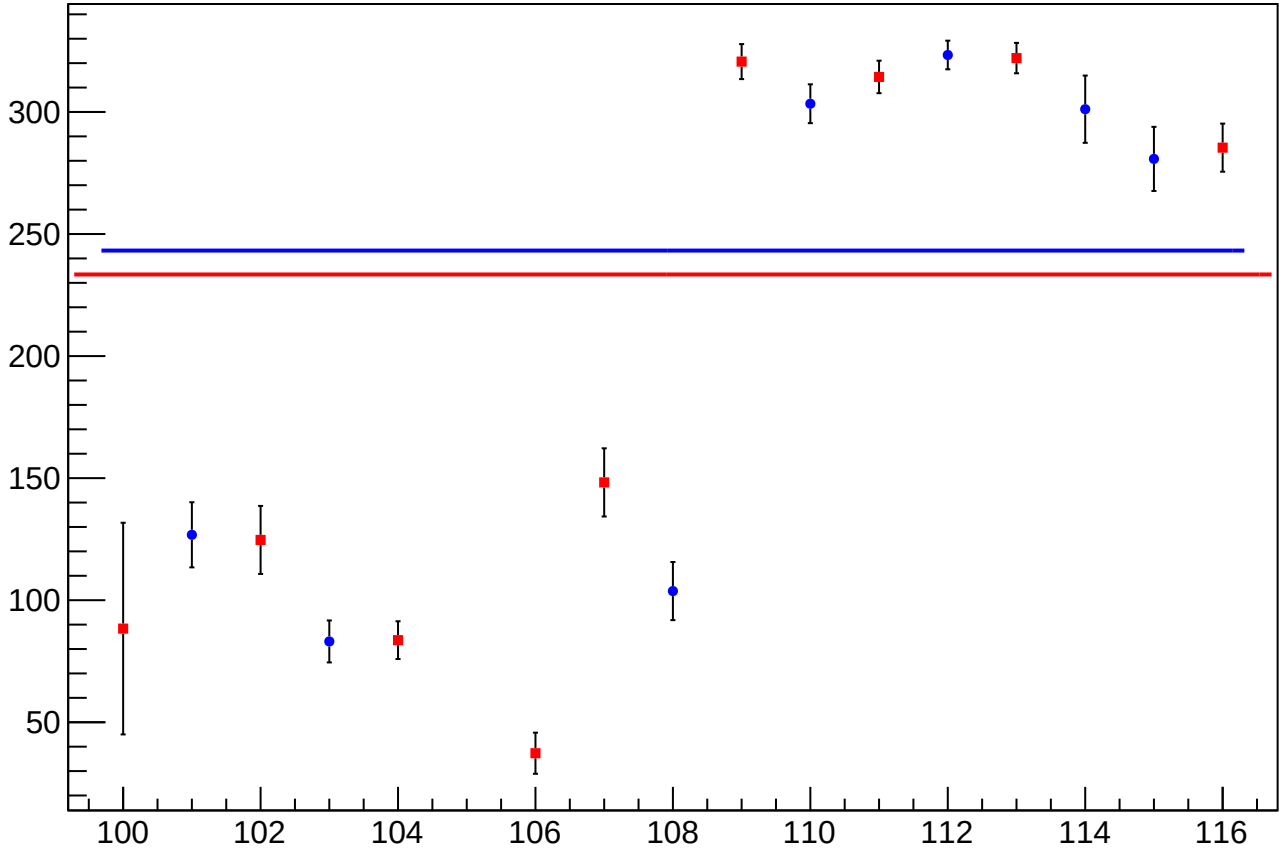
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 23.227+/-1.444 $\chi^2$/NDF: 84.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug




Right In: 243.221+/-3.489 $\chi^2$/NDF: 829.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 233.431+/-2.890 $\chi^2$/NDF: 1552.3/8

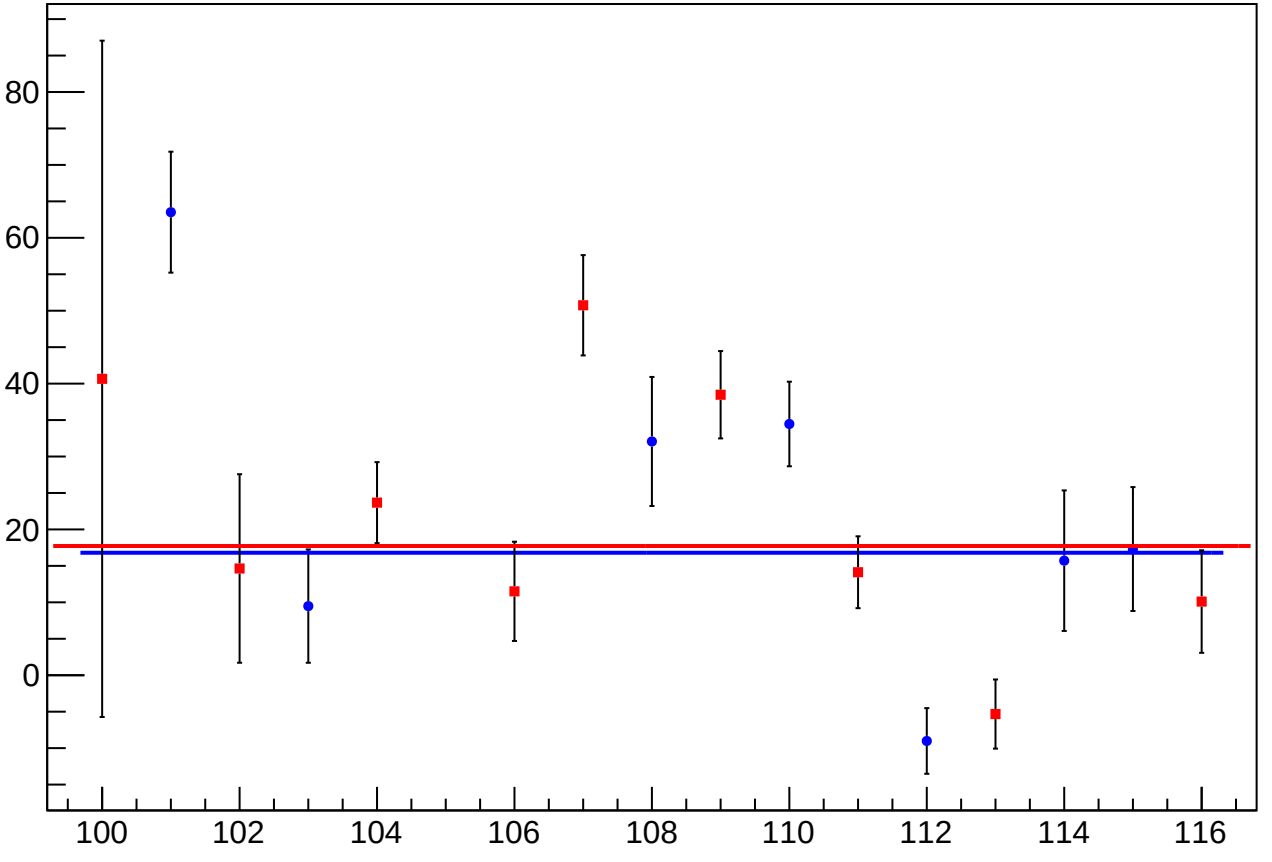
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 237.415+/-2.226 $\chi^2$/NDF: 2386.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug




Right In: 16.800+/-2.604 $\chi^2$/NDF: 77.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 17.724+/-2.155 $\chi^2$/NDF: 62.7/8

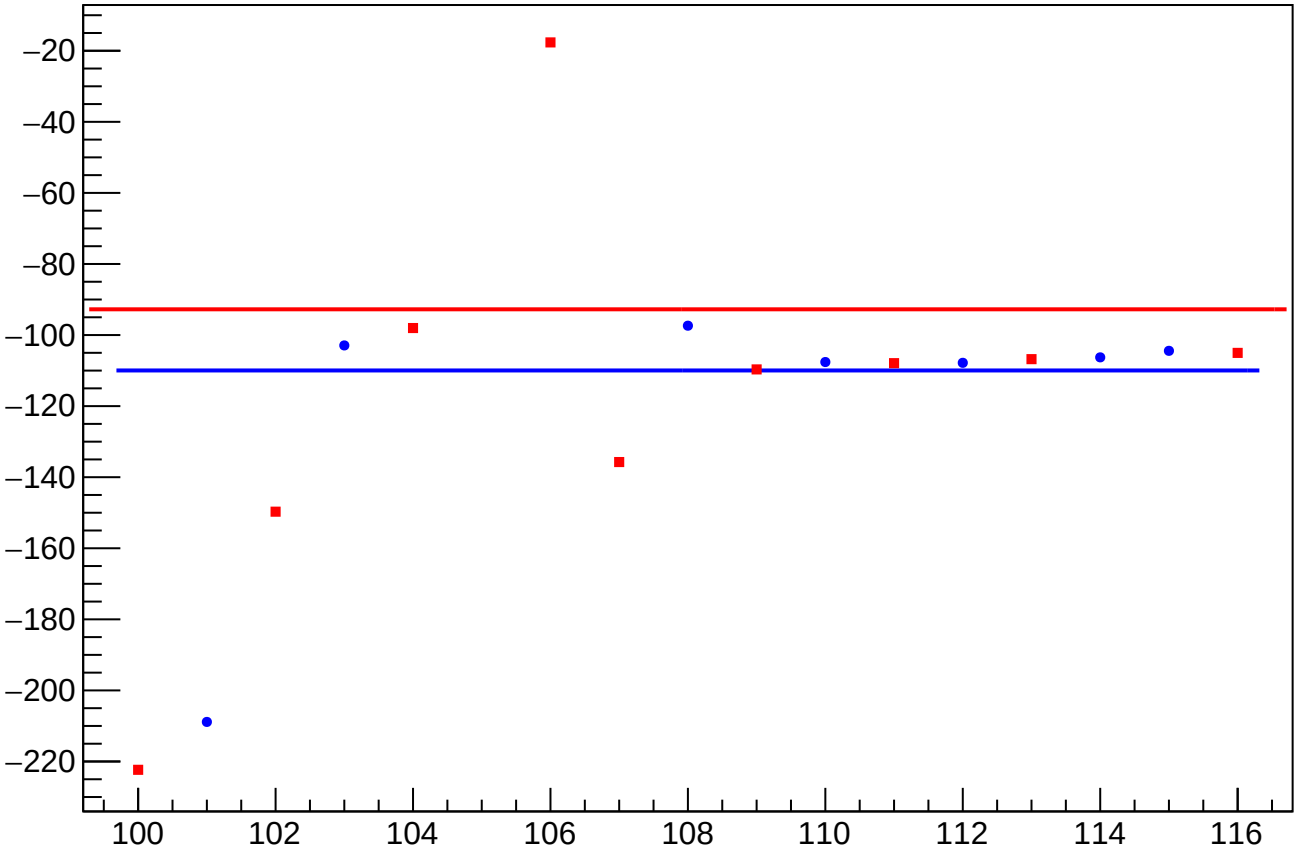
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 17.349+/-1.660 $\chi^2$/NDF: 140.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug




Right In: -109.963+/-0.119 $\chi^2$/NDF: 46169.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -92.756+/-0.097 $\chi^2$/NDF: 197063.1/8

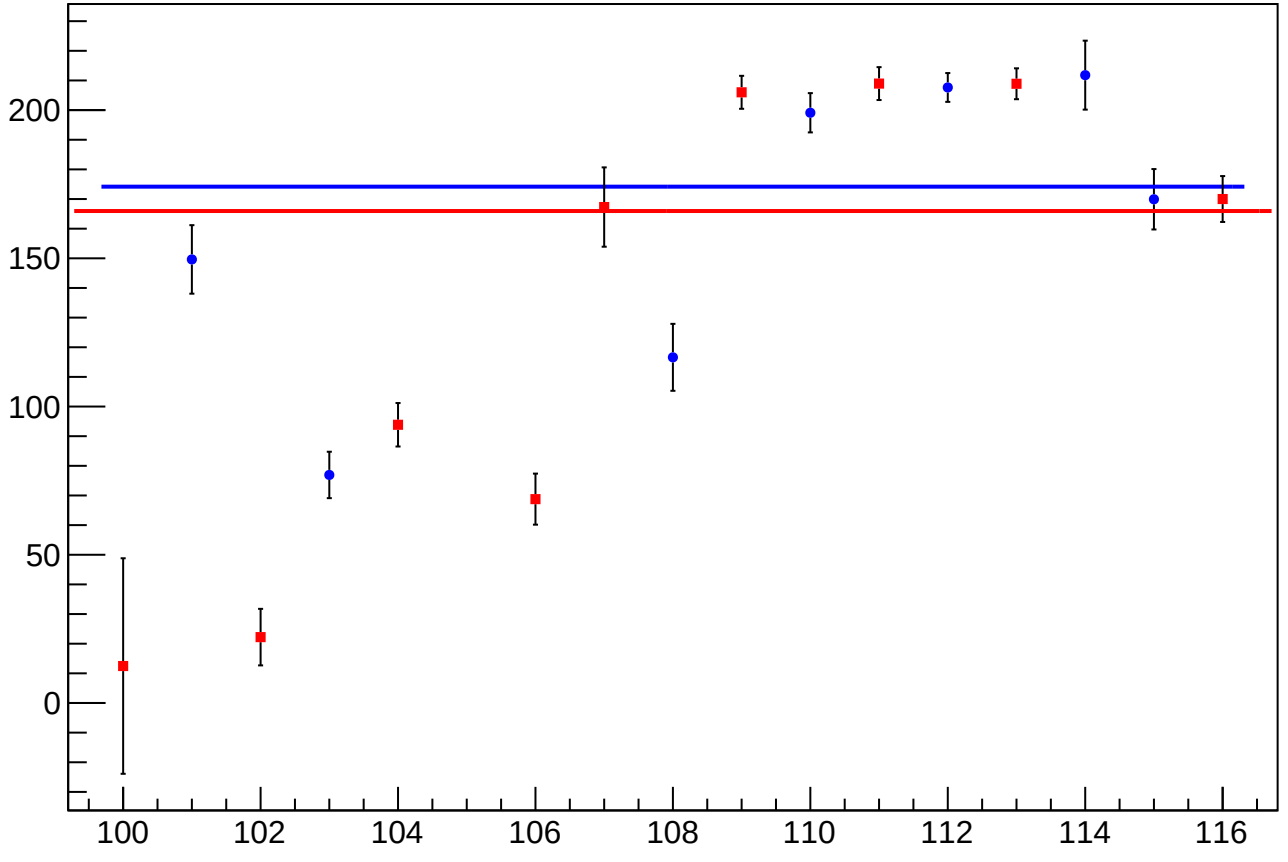
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -99.590+/-0.075 $\chi^2$/NDF: 255784.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_dd_diff_bpm4aX_slope vs Slug




Right In: 174.175+/-2.964 $\chi^2$/NDF: 257.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 165.958+/-2.441 $\chi^2$/NDF: 649.1/8

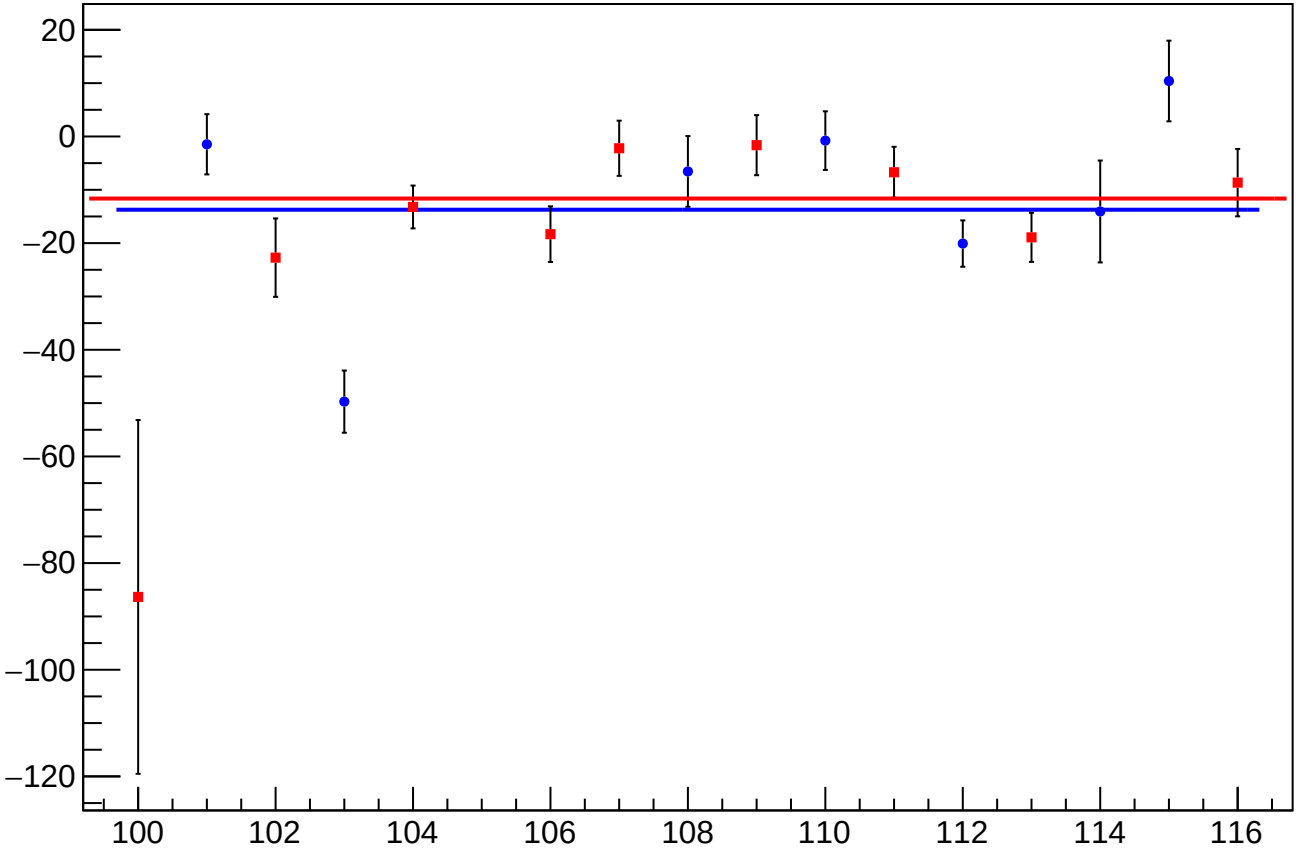
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 169.279+/-1.885 $\chi^2$/NDF: 910.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug




Right In: -13.733+/-2.248 $\chi^2$/NDF: 61.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -11.643+/-1.816 $\chi^2$/NDF: 19.4/8

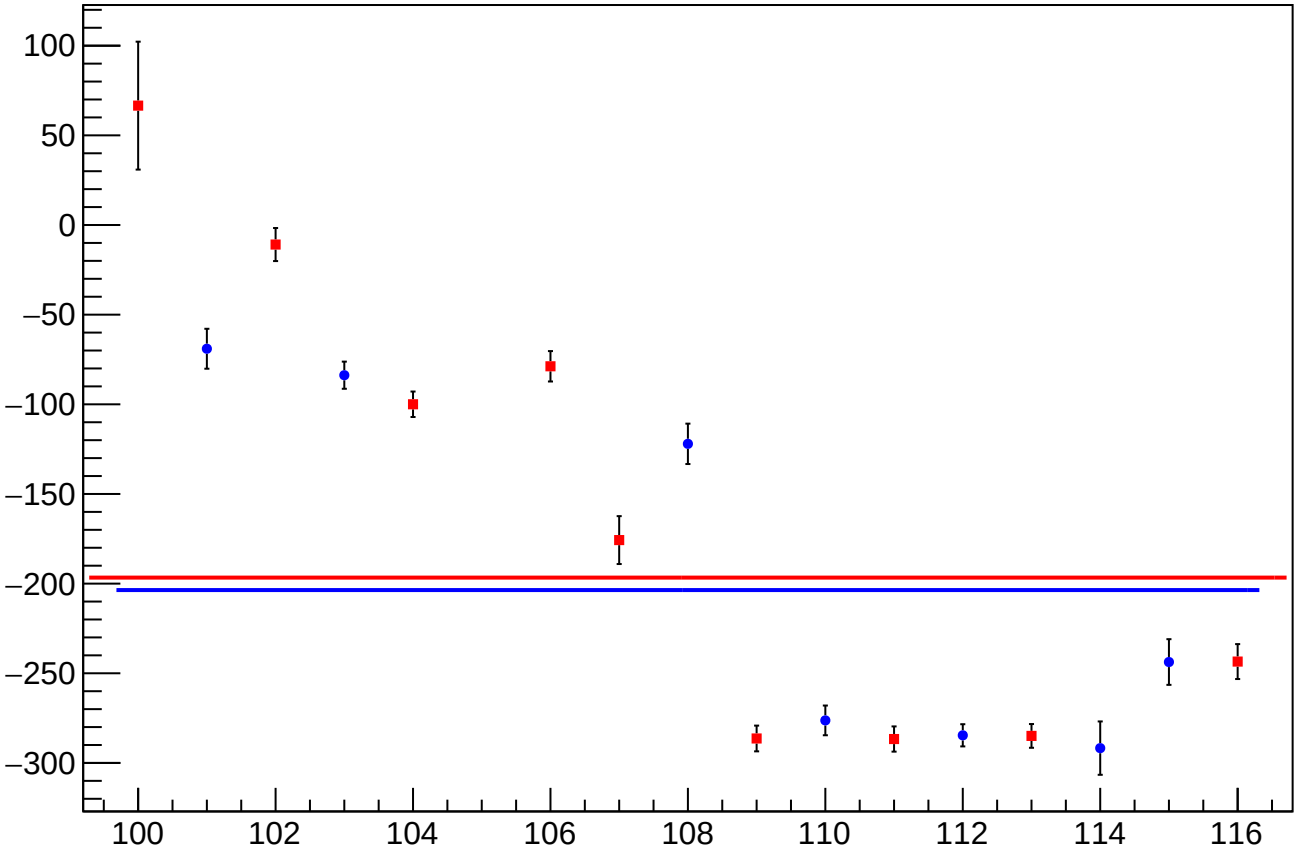
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -12.468+/-1.413 $\chi^2$/NDF: 81.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug




Right In: -203.594+/-3.435 $\chi^2$/NDF: 742.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -196.640+/-2.830 $\chi^2$/NDF: 1362.5/8

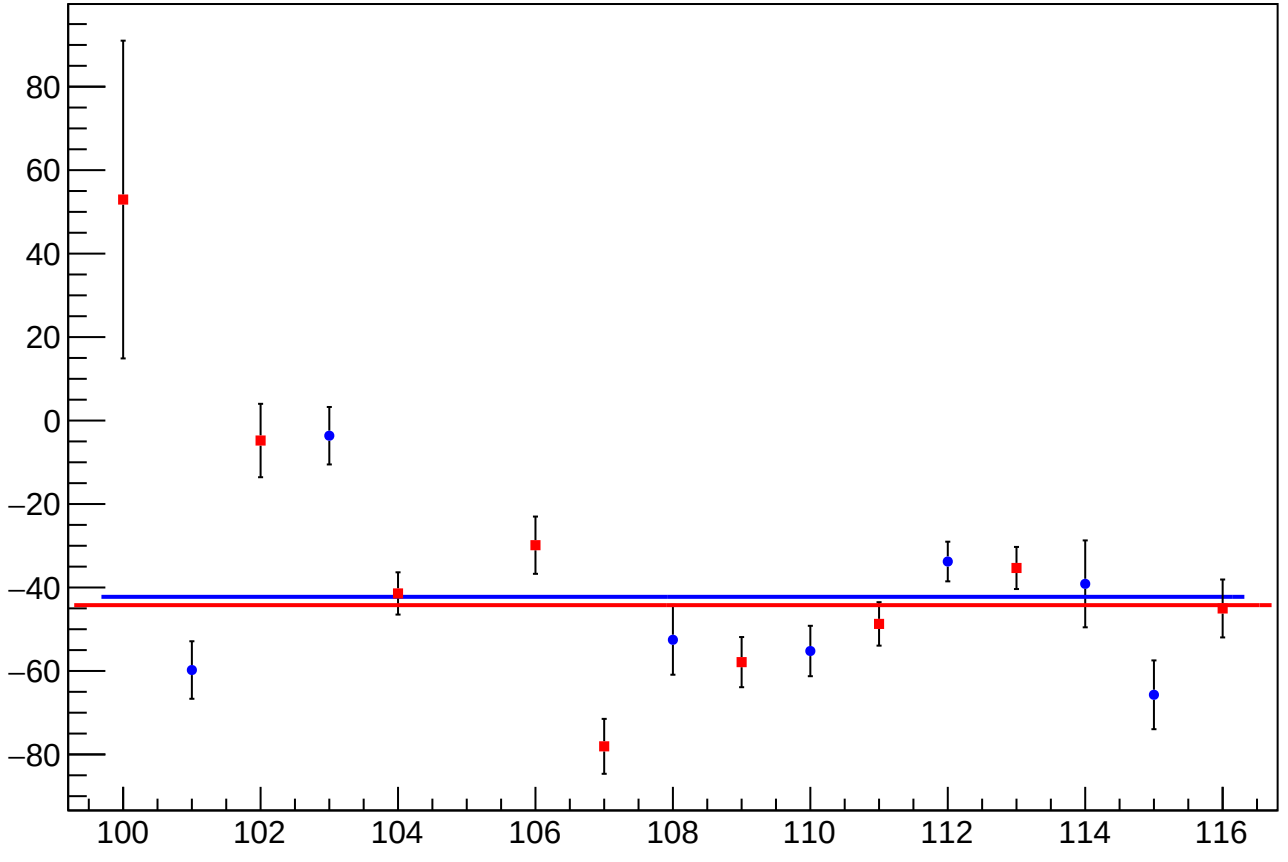
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -199.451+/-2.184 $\chi^2$/NDF: 2107.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug




Right In: -42.236+/-2.564 $\chi^2$/NDF: 55.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -44.230+/-2.124 $\chi^2$/NDF: 66.8/8

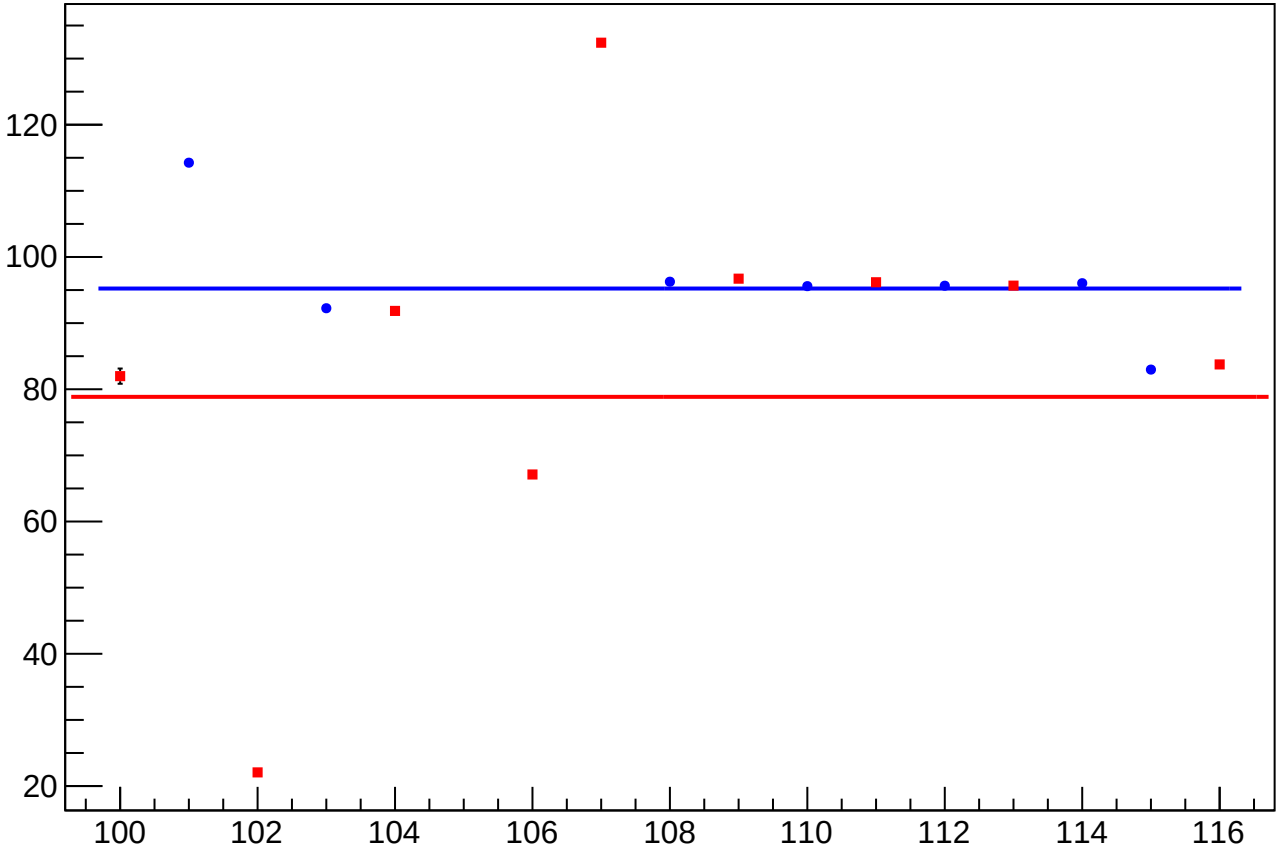
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -43.418+/-1.636 $\chi^2$/NDF: 122.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug




Right In: 95.230+/-0.112 $\chi^2$/NDF: 3097.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

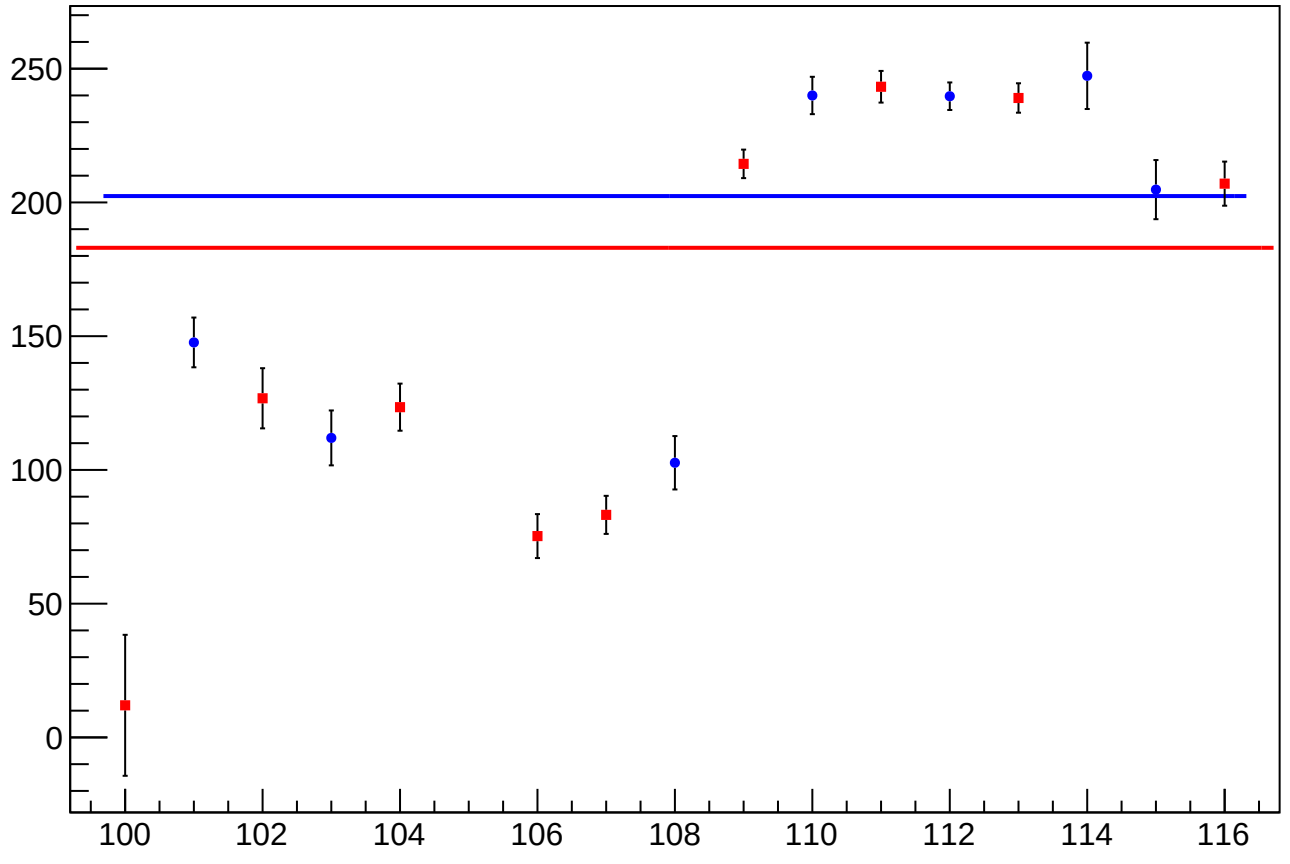
Right Out: 78.852+/-0.090 $\chi^2$/NDF: 119402.5/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 85.294+/-0.070 $\chi^2$/NDF: 135452.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 202.380+/-3.100 $\chi^2$/NDF: 306.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

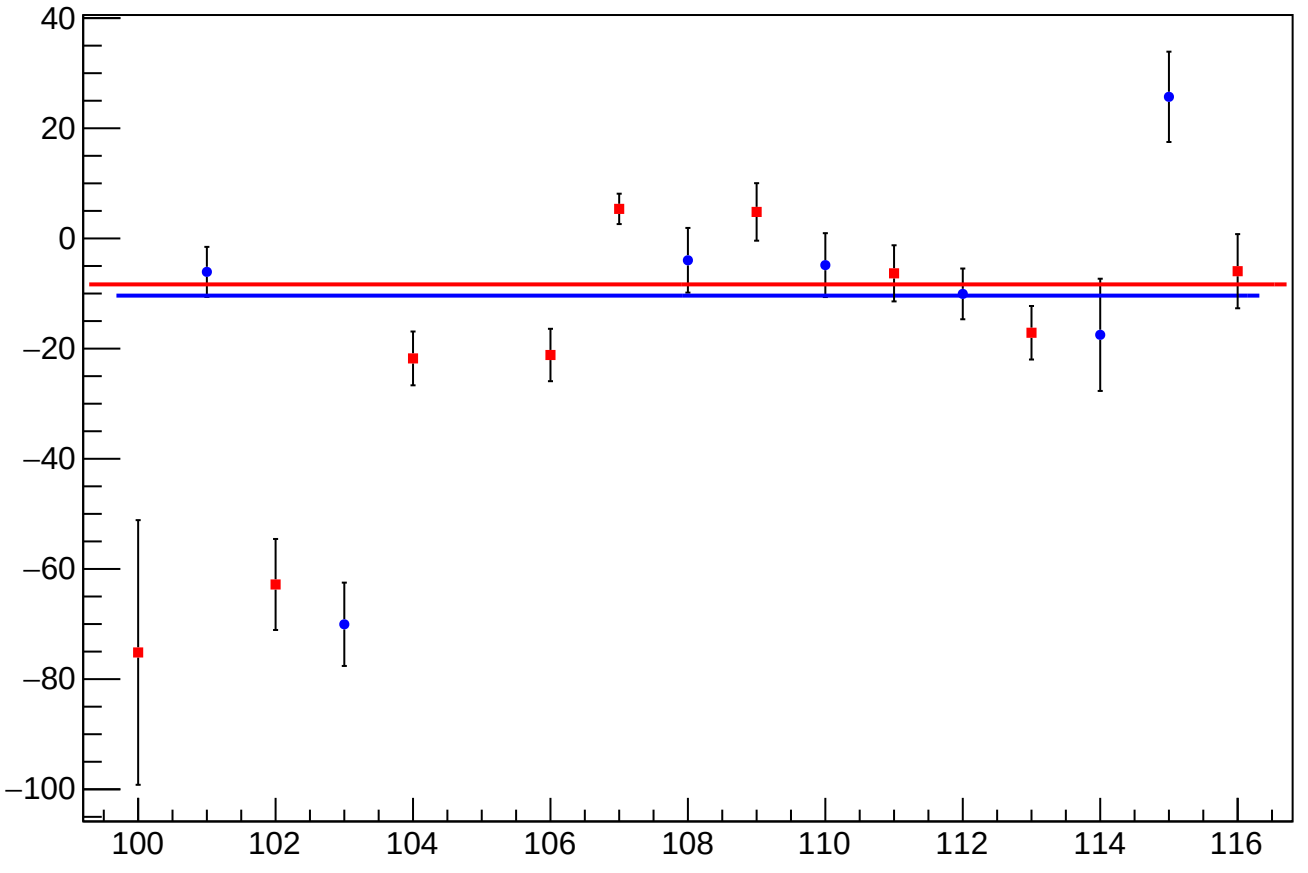
Right Out: 183.040+/-2.437 $\chi^2$/NDF: 732.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 190.427+/-1.916 $\chi^2$/NDF: 1062.9/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -10.379+/-2.256 $\chi^2$/NDF: 85.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -8.341+/-1.636 $\chi^2$/NDF: 100.7/8

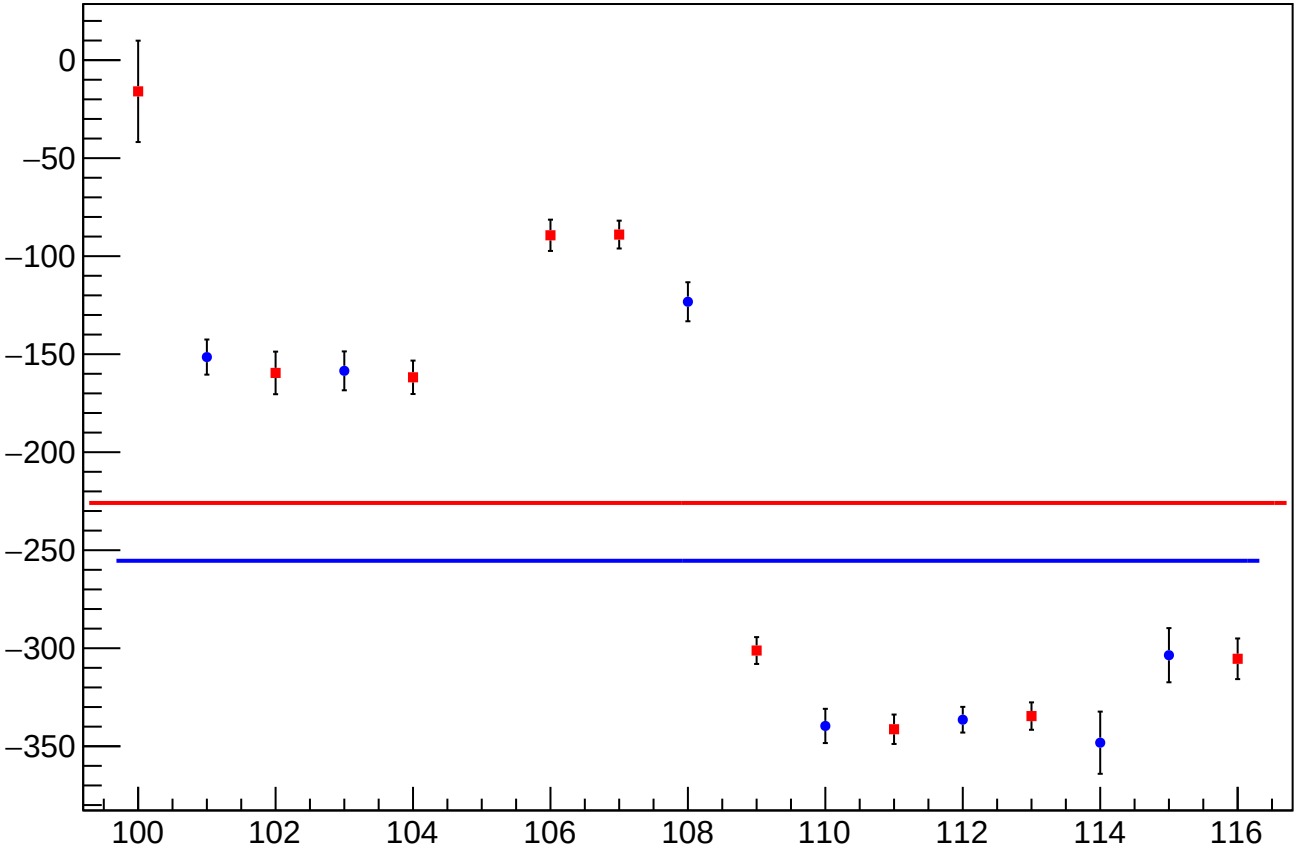
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -9.044+/-1.324 $\chi^2$/NDF: 186.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug




Right In: -255.389+/-3.574 $\chi^2$/NDF: 698.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

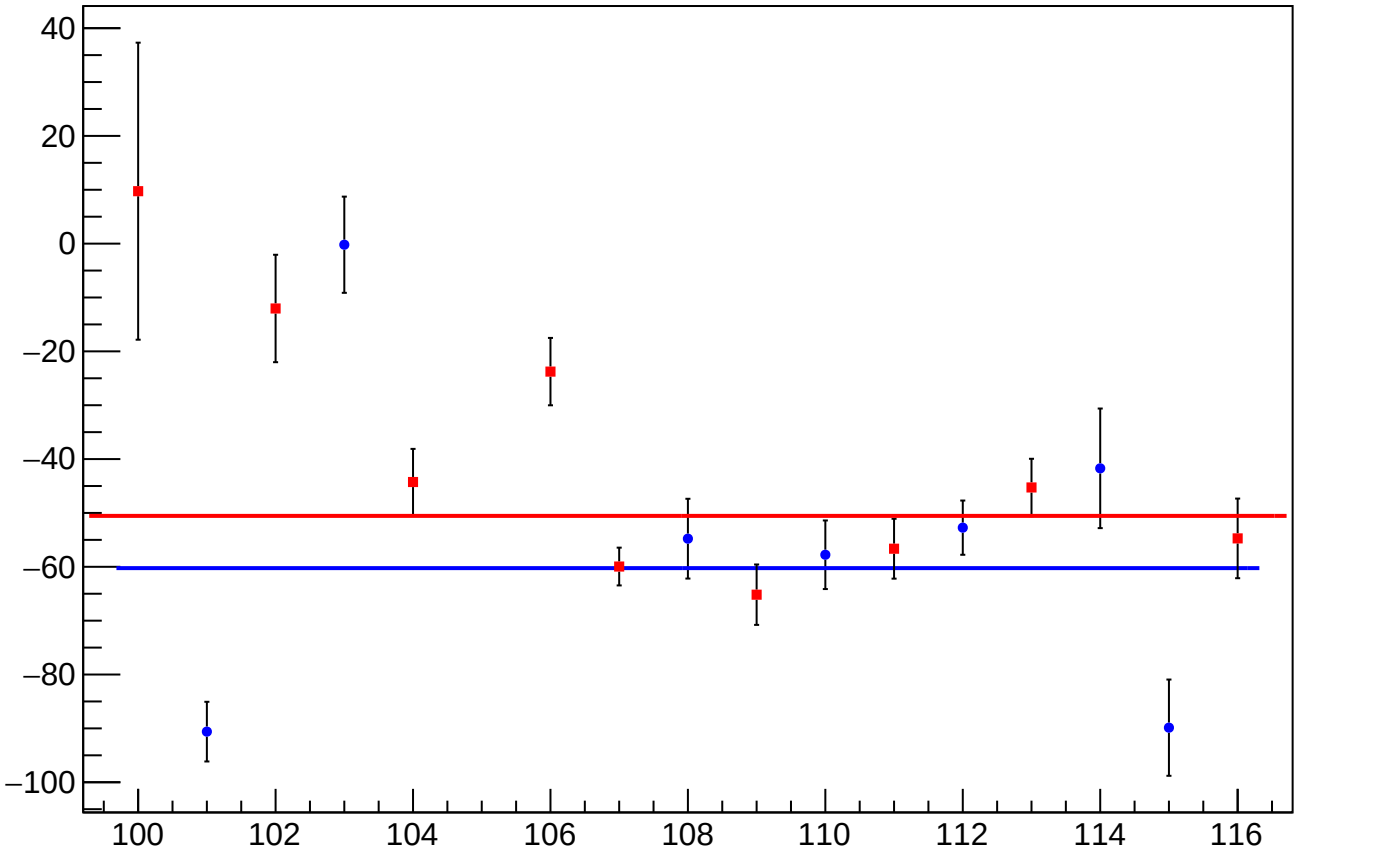
Right Out: -225.889+/-2.794 $\chi^2$/NDF: 1482.3/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -237.079+/-2.201 $\chi^2$/NDF: 2223.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -60.245+/-2.598 $\chi^2$/NDF: 91.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

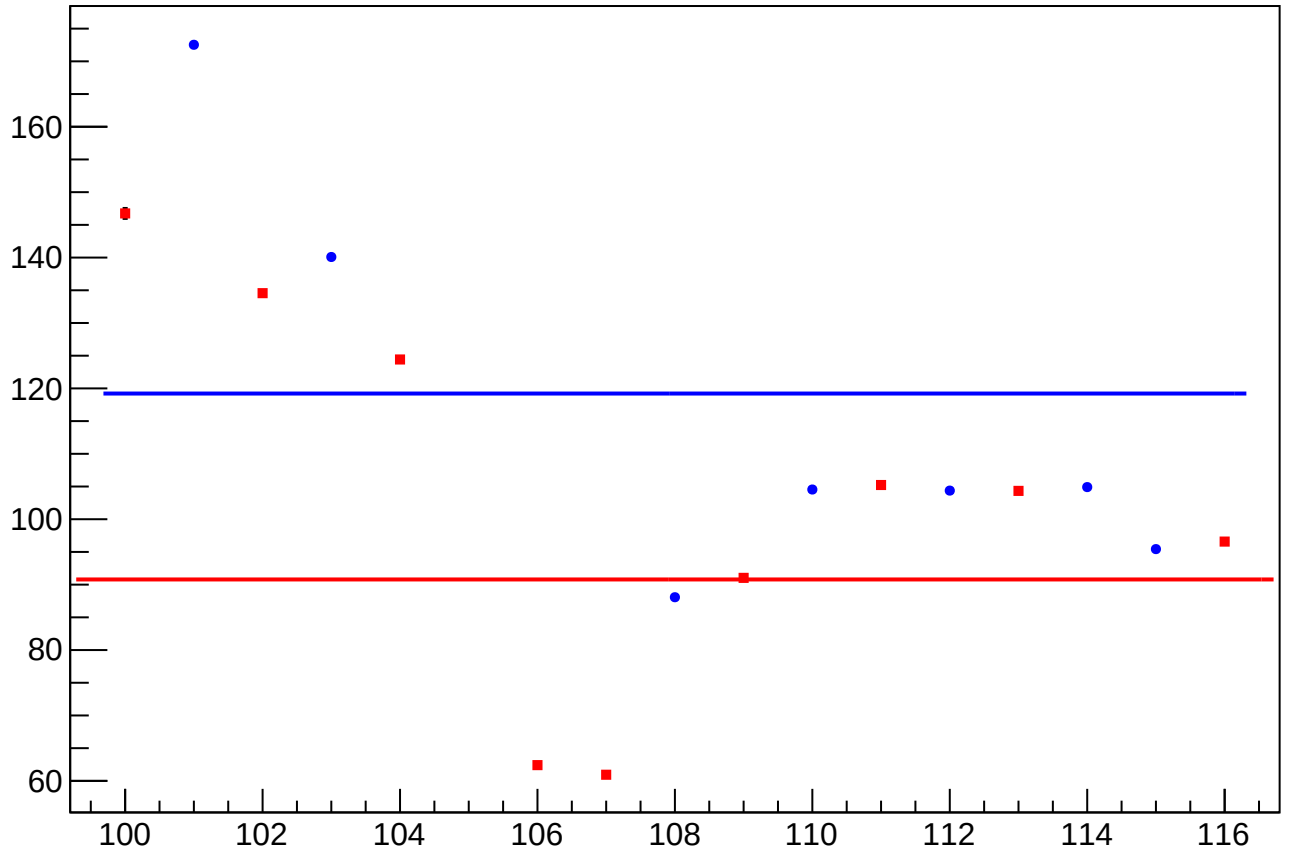
Right Out: -50.547+/-1.952 $\chi^2$/NDF: 55.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -54.045+/-1.561 $\chi^2$/NDF: 156.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 119.215+/-0.119 $\chi^2$/NDF: 60525.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 90.792+/-0.087 $\chi^2$/NDF: 113025.4/8

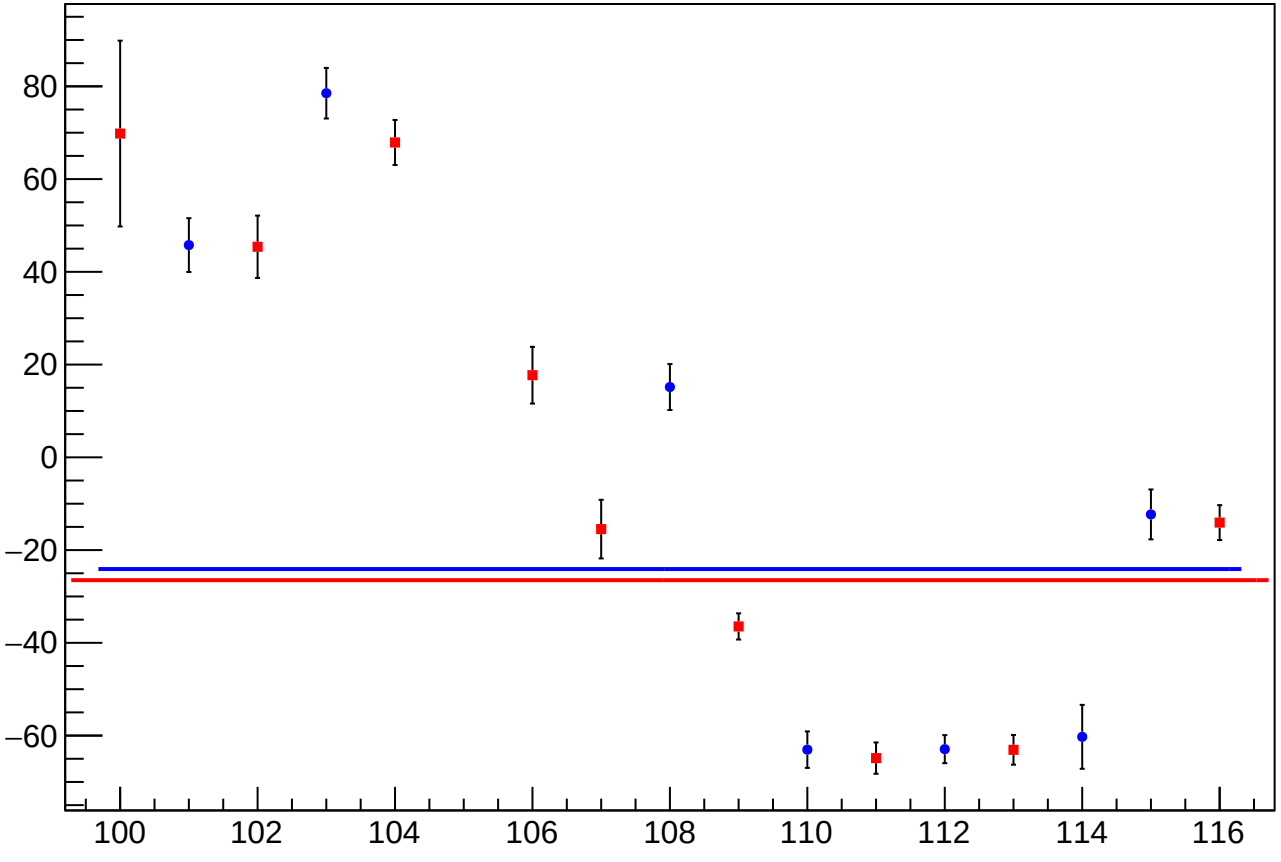
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 100.640+/-0.070 $\chi^2$/NDF: 210563.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_atr_dd_dd_diff_bpm4aX_slope vs Slug




Right In: -24.090+/-1.731 $\chi^2$/NDF: 856.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

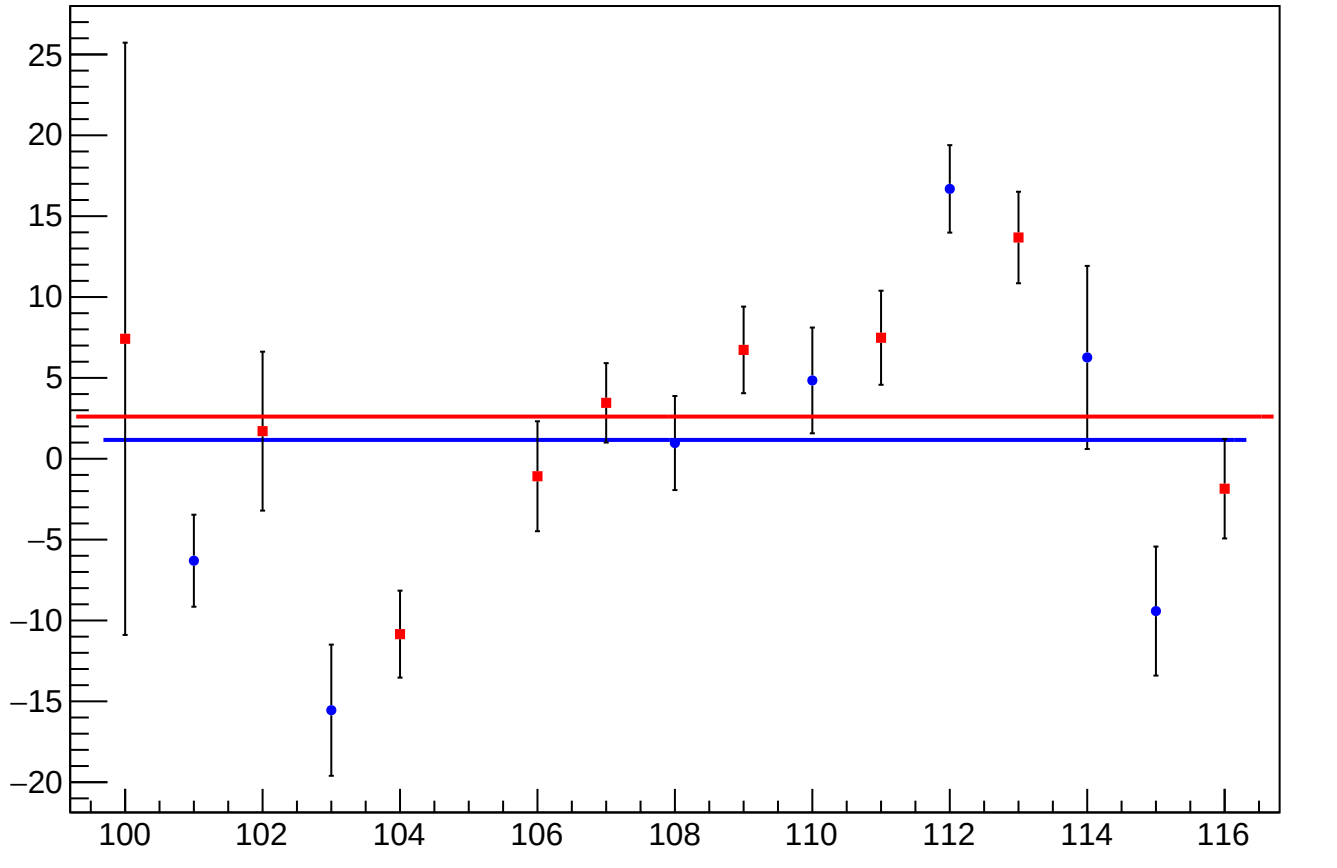
Right Out: -26.489+/-1.415 $\chi^2$/NDF: 853.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -25.529+/-1.095 $\chi^2$/NDF: 1711.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 1.164+/-1.263 $\chi^2$/NDF: 65.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.607+/-1.041 $\chi^2$/NDF: 49.0/8

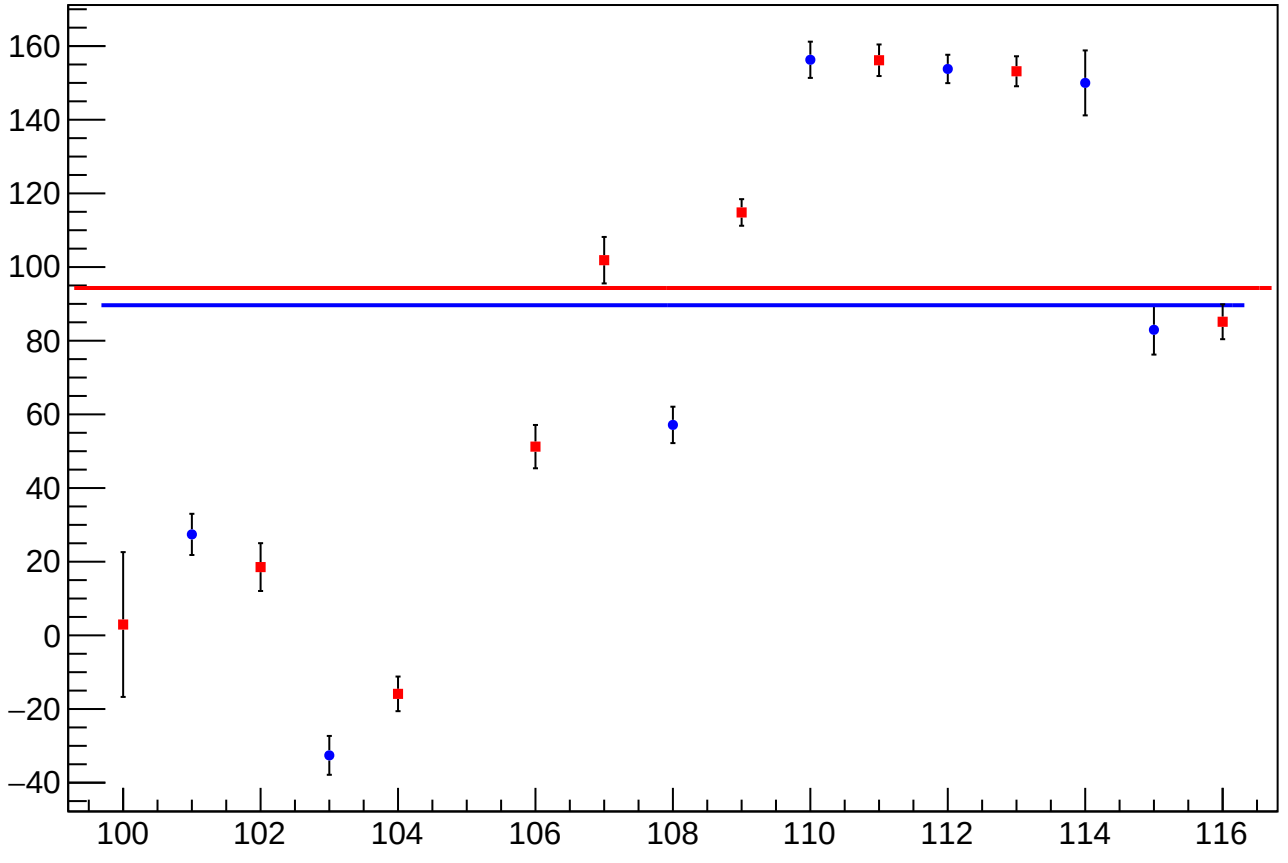
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.024+/-0.803 $\chi^2$/NDF: 115.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug




Right In: 89.634+/-1.990 $\chi^2$/NDF: 1212.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

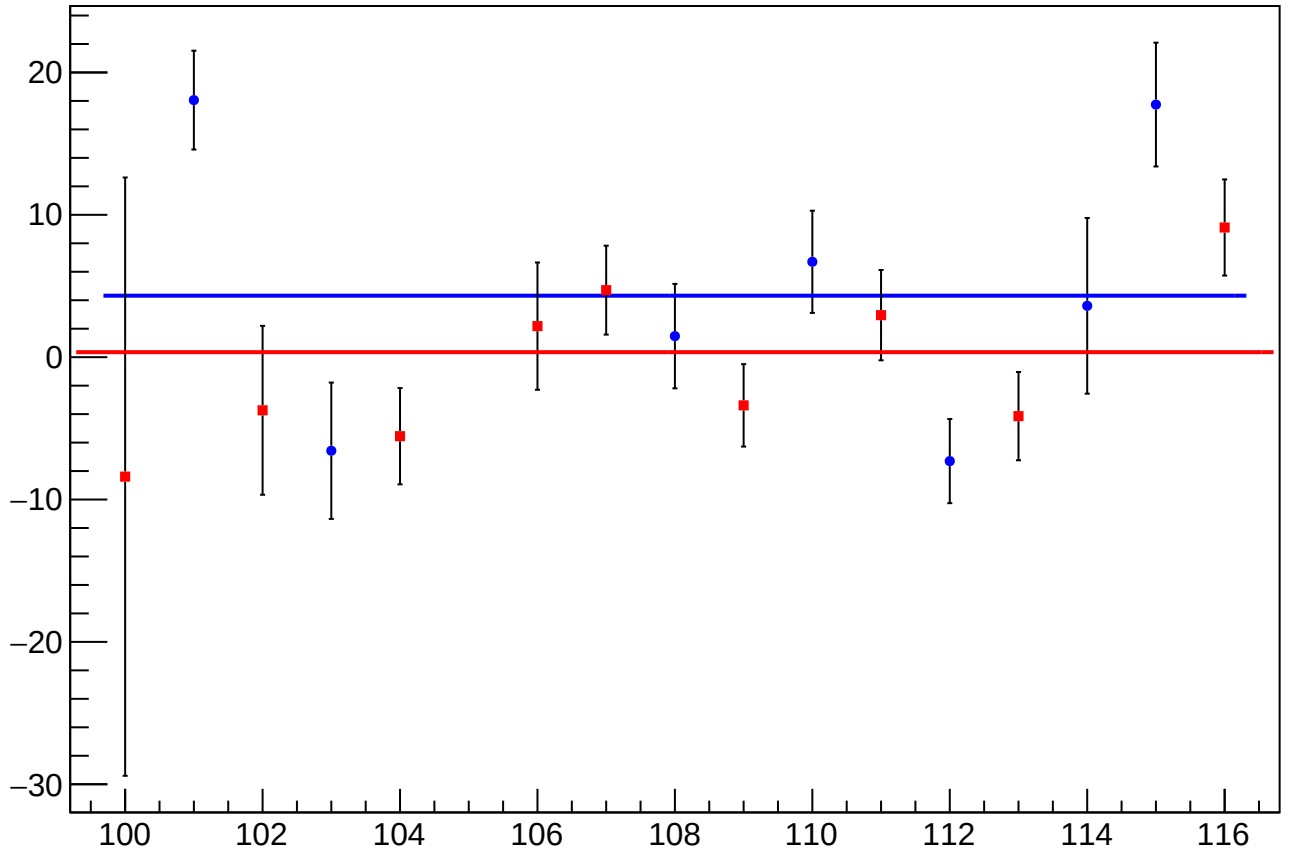
Right Out: 94.315+/-1.663 $\chi^2$/NDF: 1216.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 92.390+/-1.276 $\chi^2$/NDF: 2432.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 4.320+/-1.455 $\chi^2$/NDF: 46.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

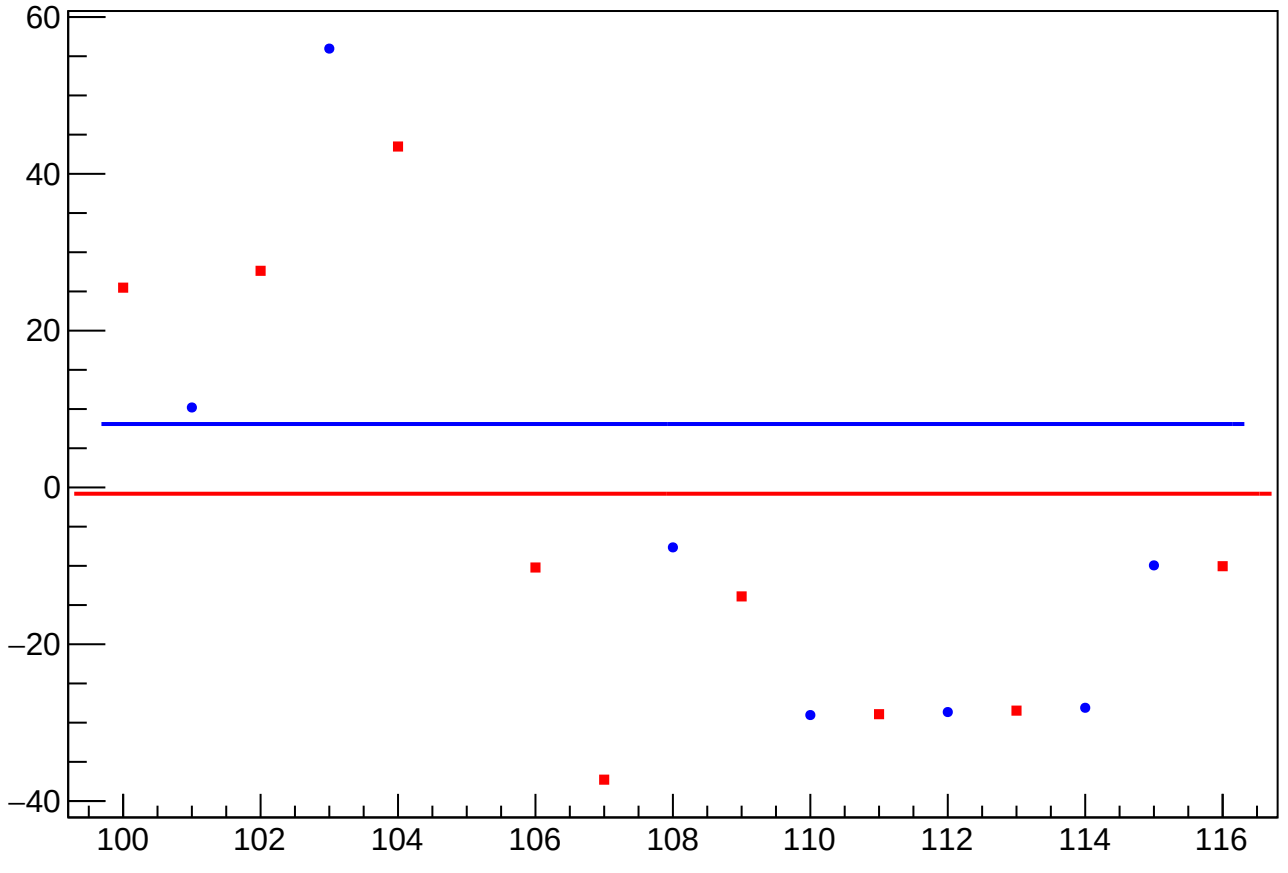
Right Out: 0.352+/-1.212 $\chi^2$/NDF: 17.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.976+/-0.931 $\chi^2$/NDF: 68.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 8.090+/-0.064 $\chi^2$/NDF: 261037.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

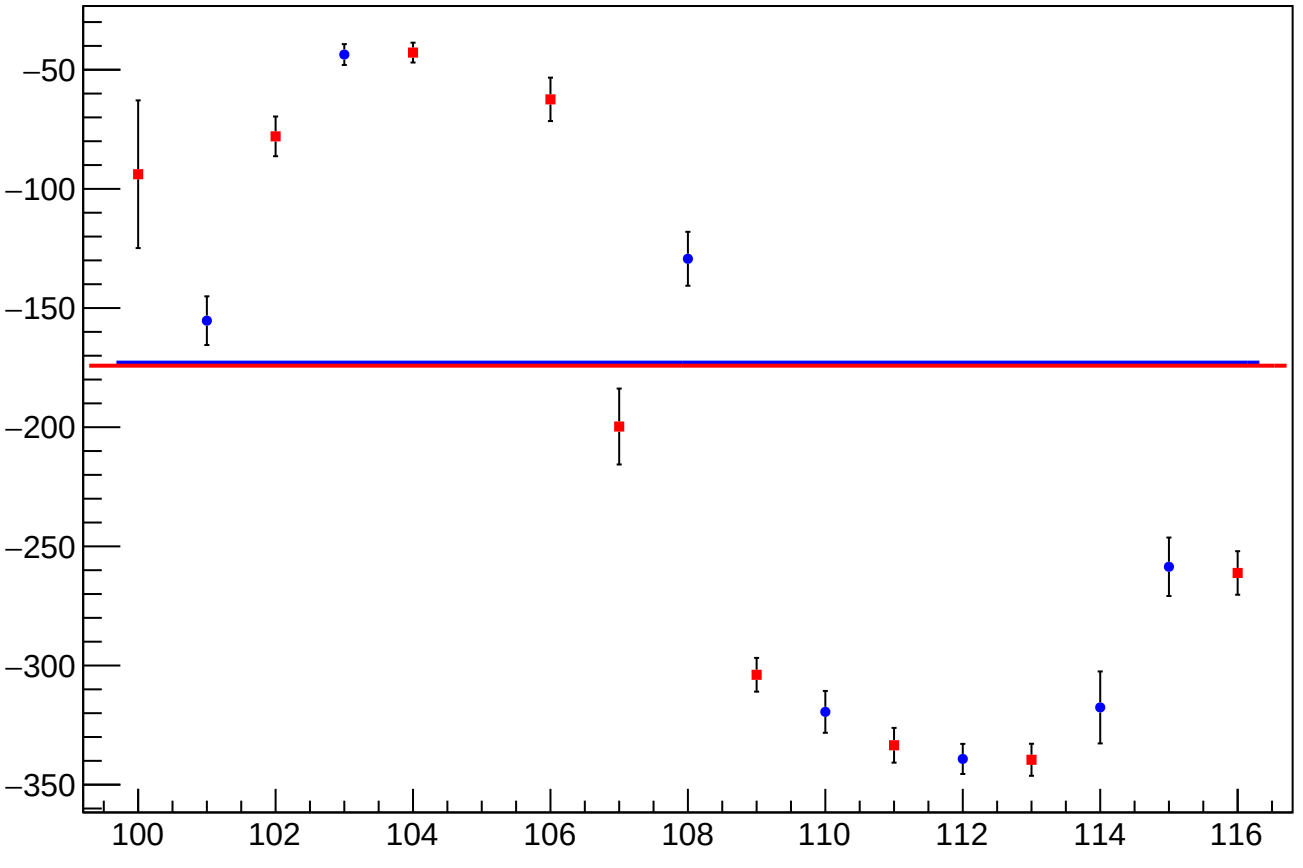
Right Out: -0.801+/-0.056 $\chi^2$/NDF: 292317.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 3.013+/-0.042 $\chi^2$/NDF: 564263.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -172.900+/-2.901 $\chi^2$/NDF: 2004.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

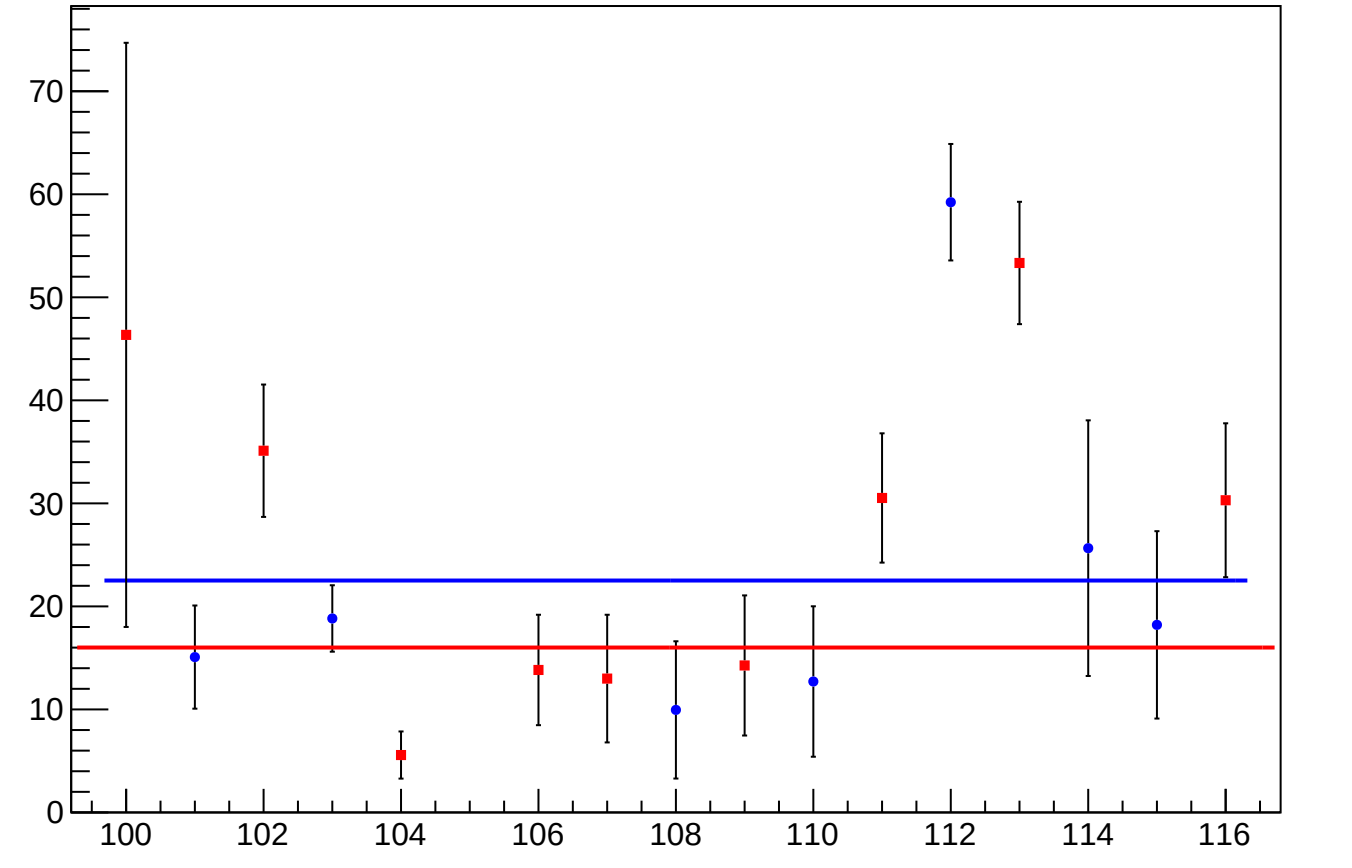
Right Out: -174.182+/-2.485 $\chi^2$/NDF: 2795.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -173.639+/-1.888 $\chi^2$/NDF: 4800.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 22.511+/-2.098 $\chi^2$/NDF: 51.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

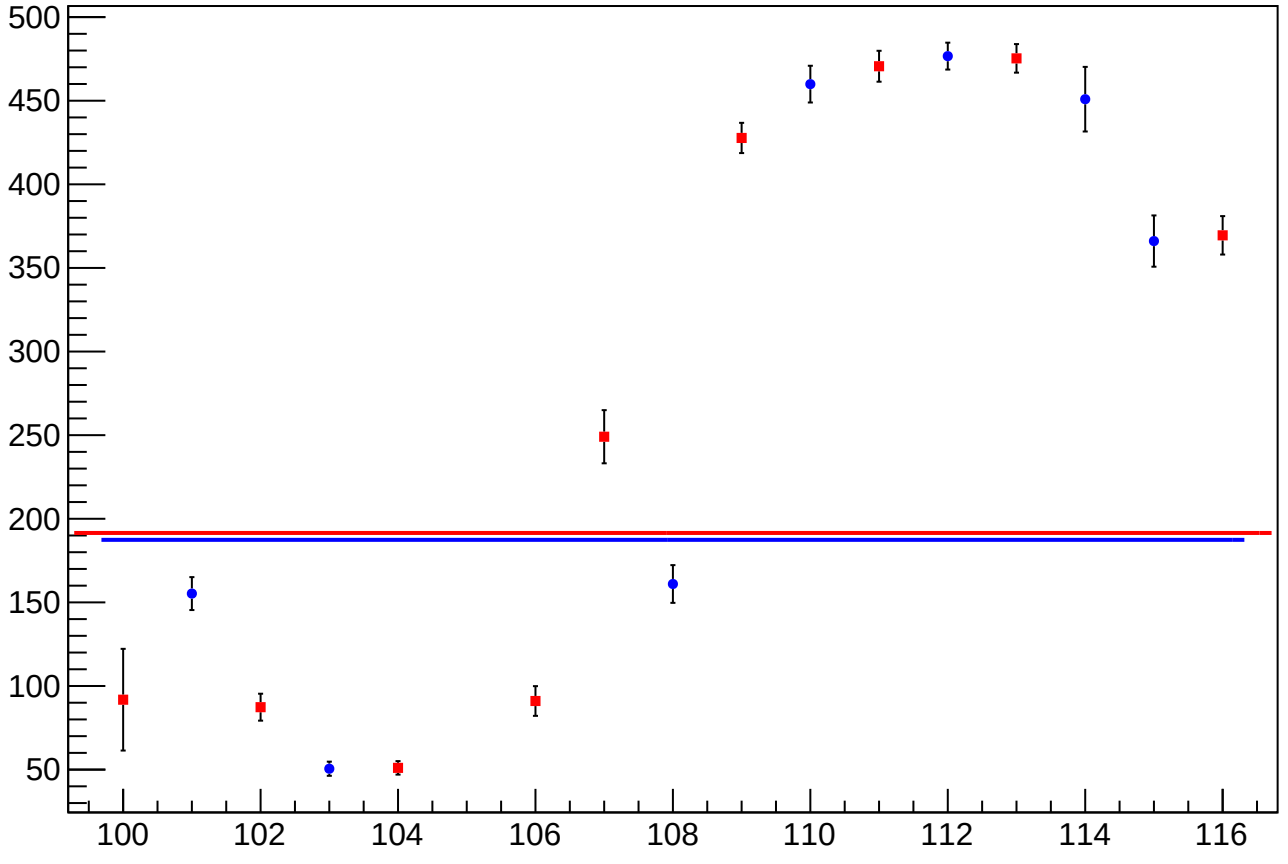
Right Out: 16.007+/-1.643 $\chi^2$/NDF: 79.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 18.479+/-1.293 $\chi^2$/NDF: 137.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 187.396+/-3.089 $\chi^2$/NDF: 3295.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

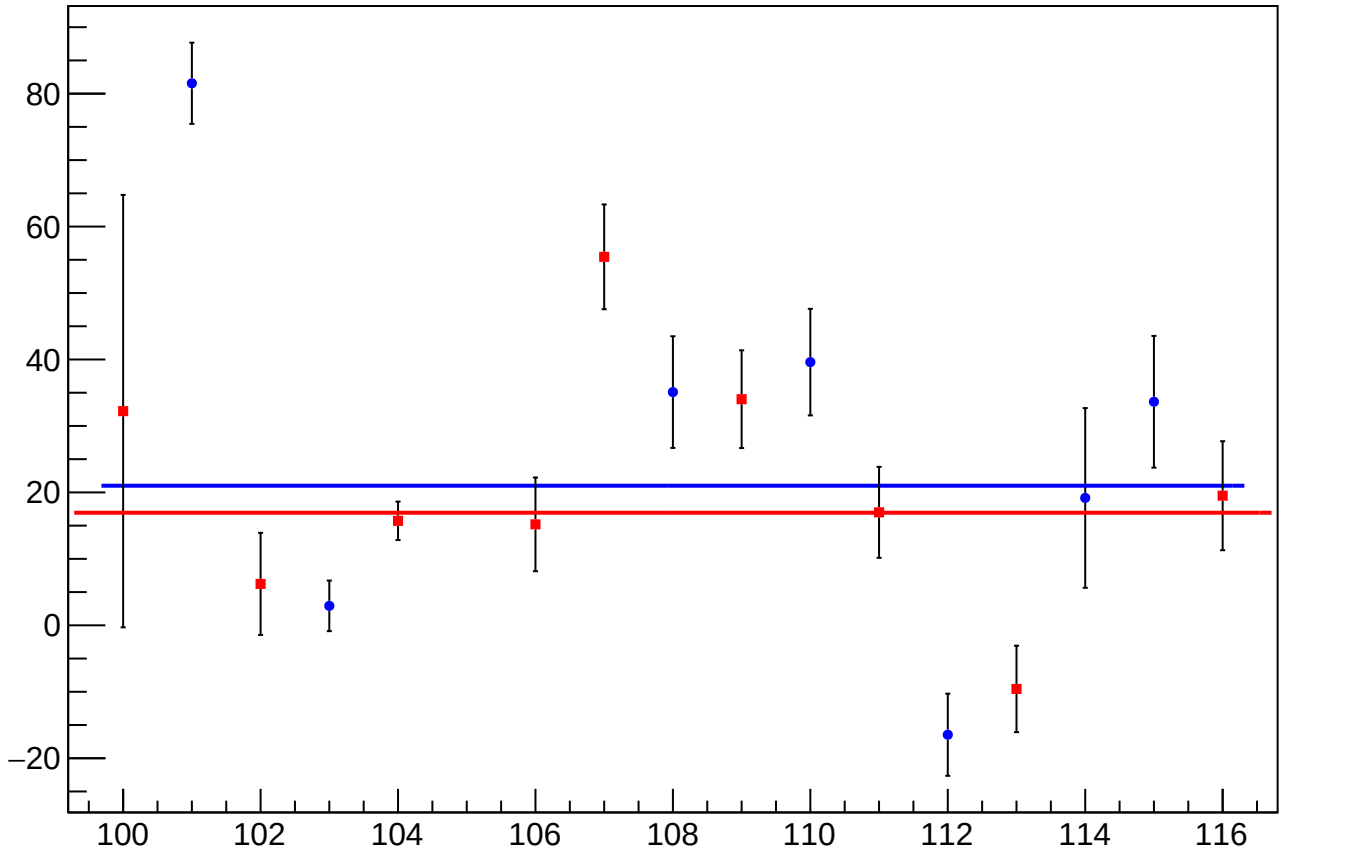
Right Out: 191.516+/-2.675 $\chi^2$/NDF: 4469.1/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 189.751+/-2.022 $\chi^2$/NDF: 7765.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 21.006+/-2.444 $\chi^2$/NDF: 167.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

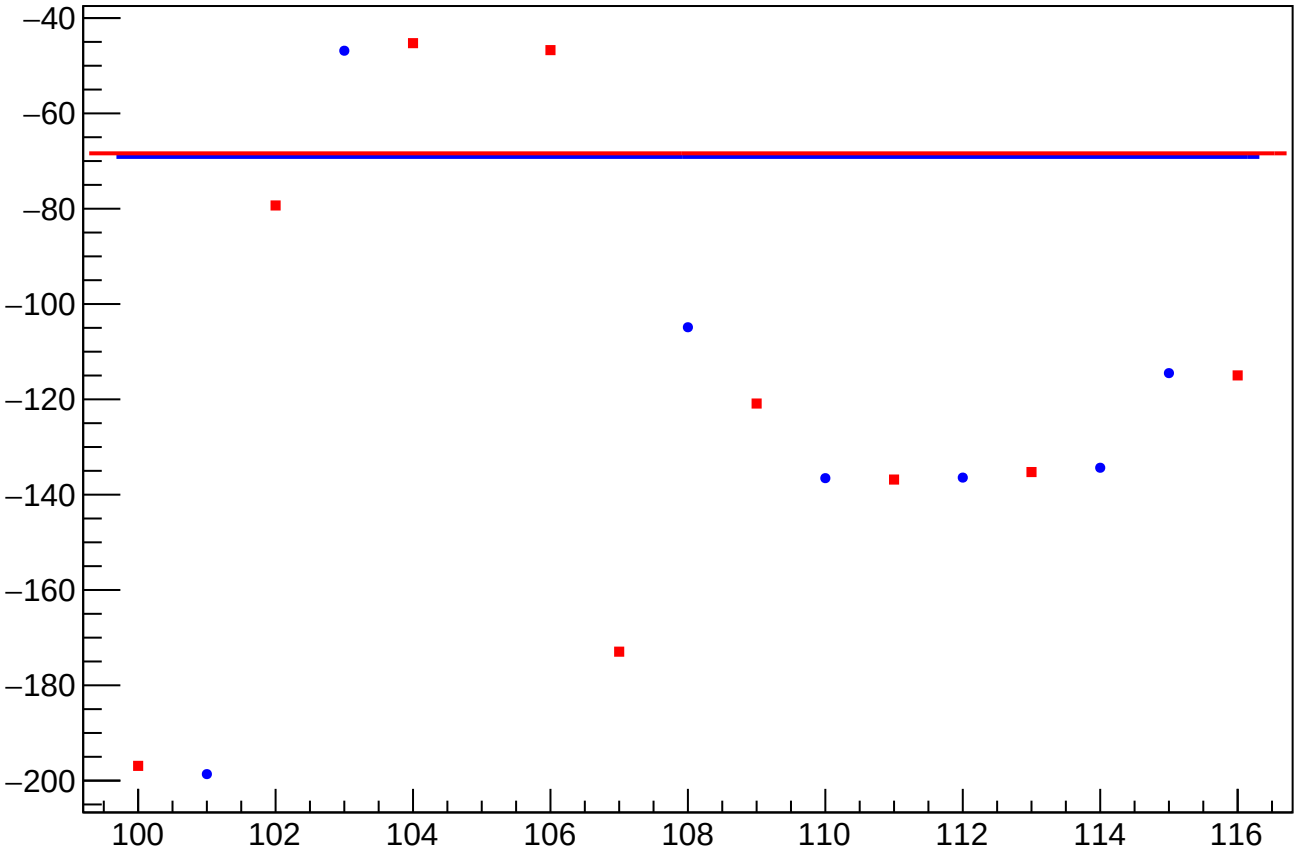
Right Out: 16.943+/-1.991 $\chi^2$/NDF: 48.4/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 18.564+/-1.544 $\chi^2$/NDF: 217.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: -69.129+/-0.082 $\chi^2$/NDF: 266193.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

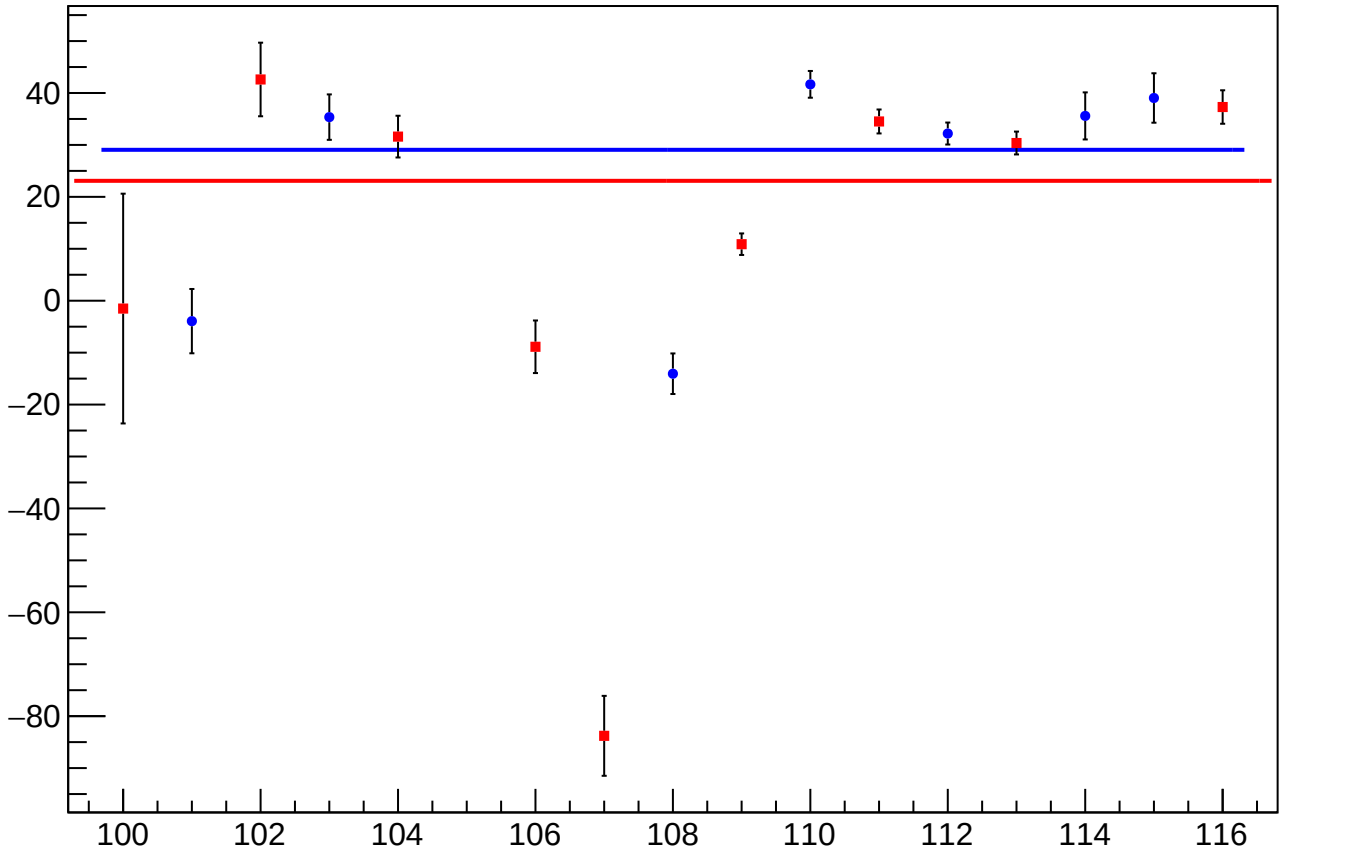
Right Out: -68.382+/-0.076 $\chi^2$/NDF: 245783.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -68.724+/-0.056 $\chi^2$/NDF: 512022.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 29.059+/-1.280 $\chi^2$/NDF: 184.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

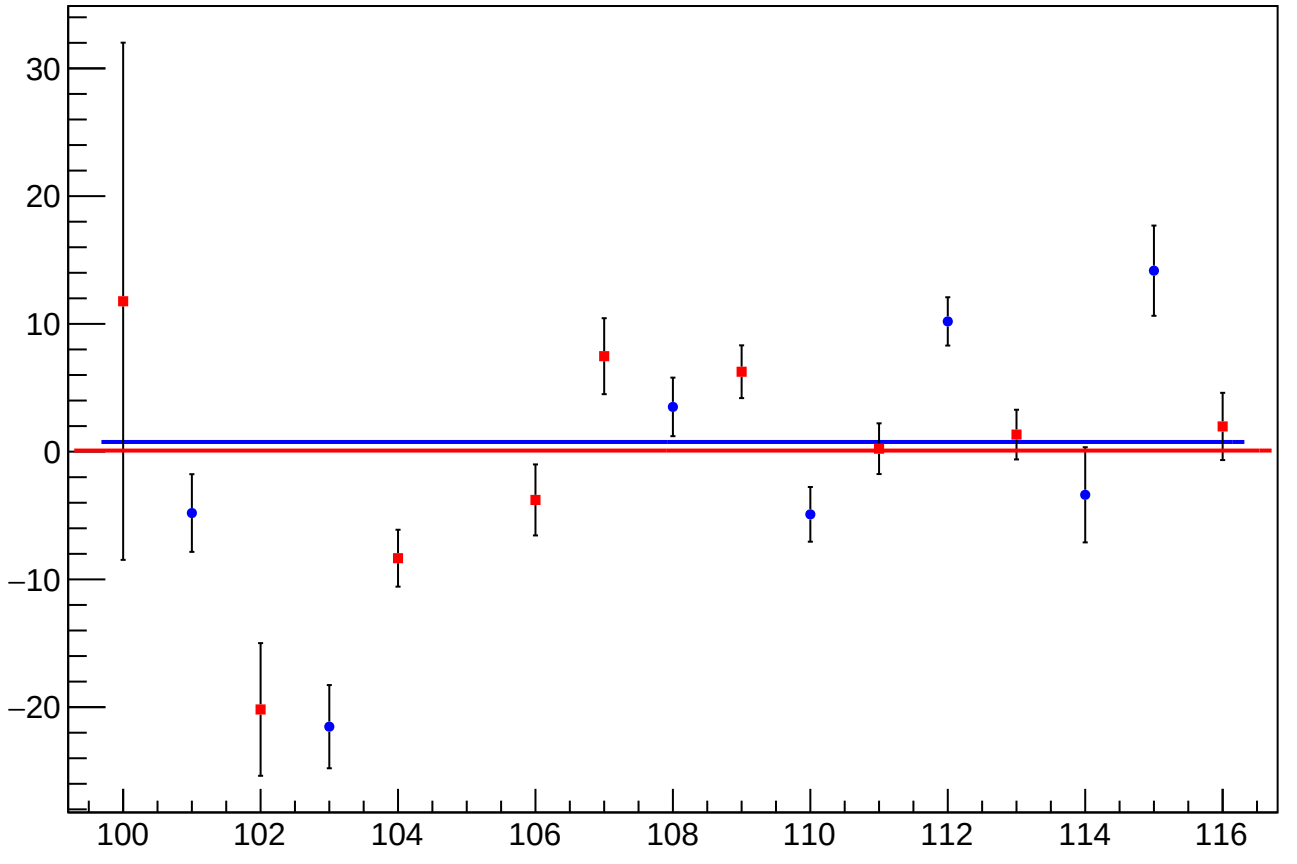
Right Out: 23.086+/-1.076 $\chi^2$/NDF: 335.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 25.561+/-0.824 $\chi^2$/NDF: 533.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 0.757+/-0.979 $\chi^2$/NDF: 99.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

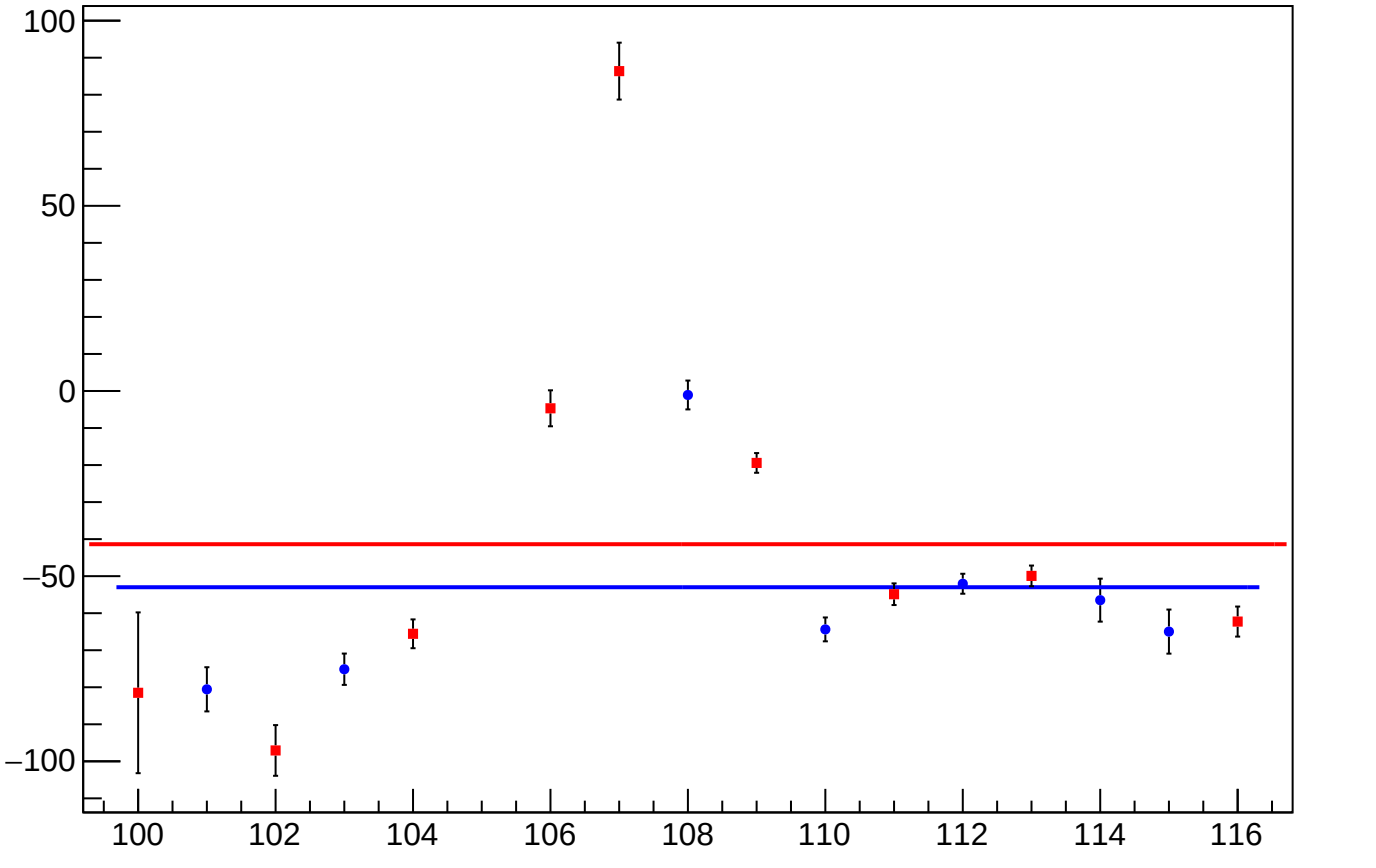
Right Out: 0.085+/-0.851 $\chi^2$/NDF: 47.9/8

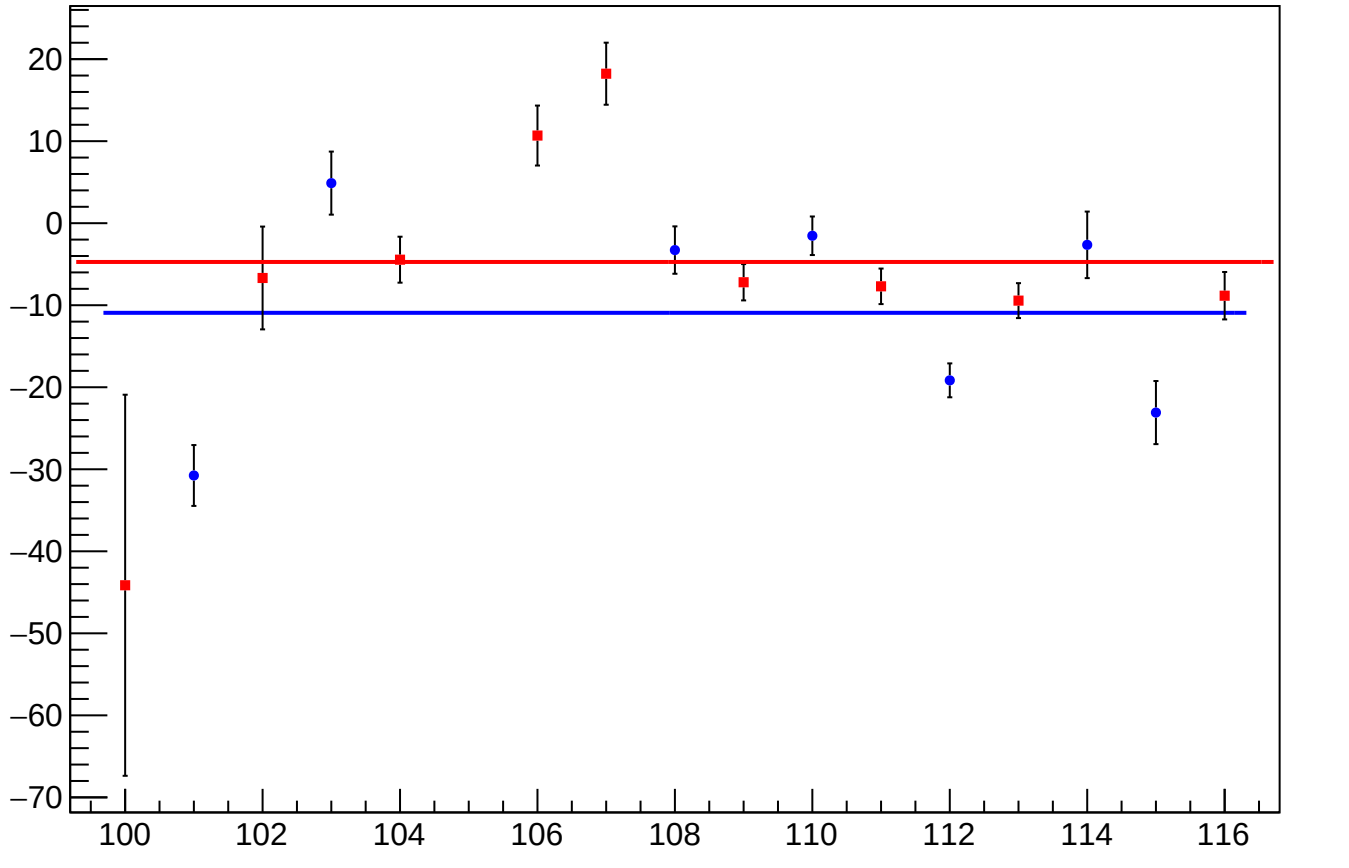
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.374+/-0.642 $\chi^2$/NDF: 147.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0


reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug
100
50
0
−50
−100
100
102
104
106
108
110
112
114
116
Right In: -52.990+/-1.505 χ²/NDF: 243.3/6
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: -41.373+/-1.296 χ²/NDF: 567.1/8
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 0.0/0
All: -46.320+/-0.982 χ²/NDF: 844.6/15
- sign 0.000+/-0.000 χ²/NDF: 0.0/0




Right In: -10.926+/-1.115 $\chi^2$/NDF: 98.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

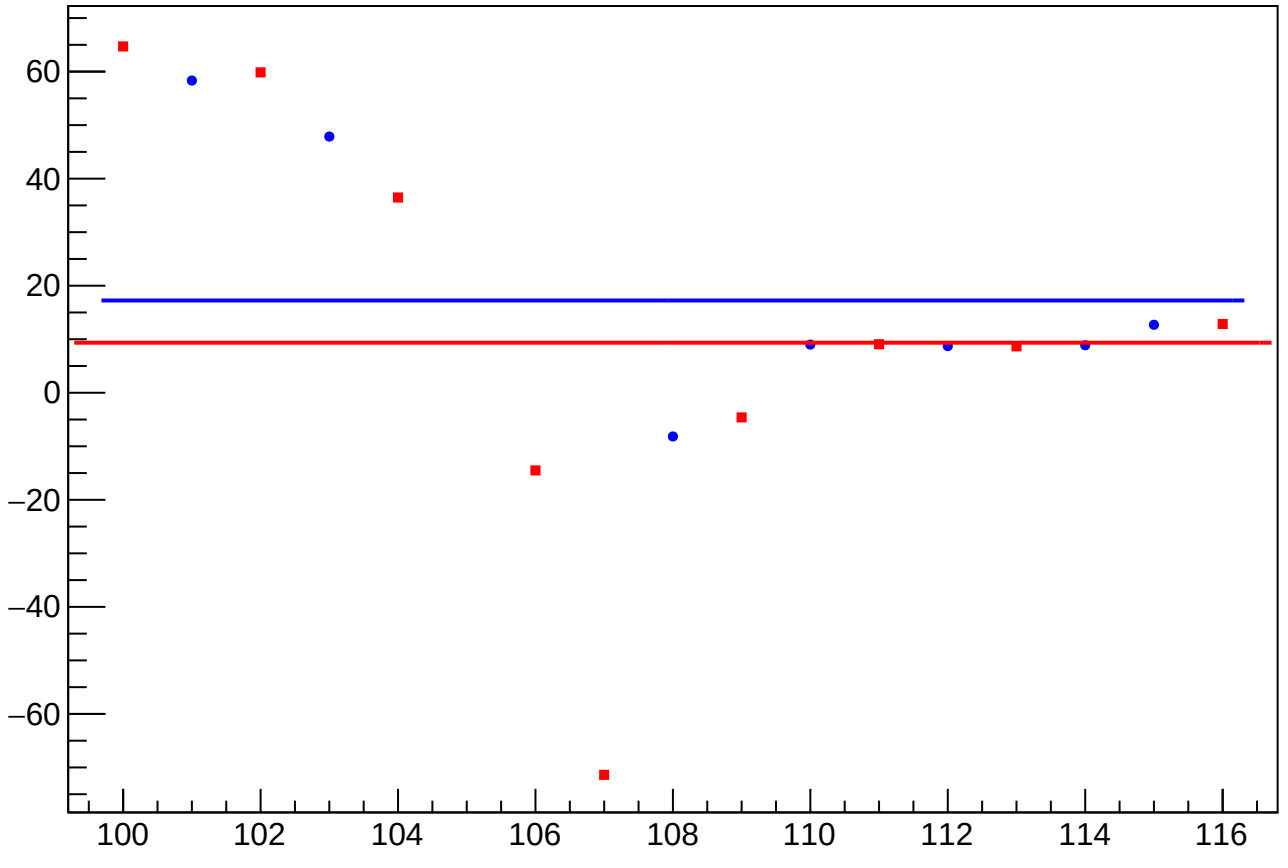
Right Out: -4.726+/-0.973 $\chi^2$/NDF: 67.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -7.405+/-0.733 $\chi^2$/NDF: 183.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 17.240+/-0.050 $\chi^2$/NDF: 231452.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

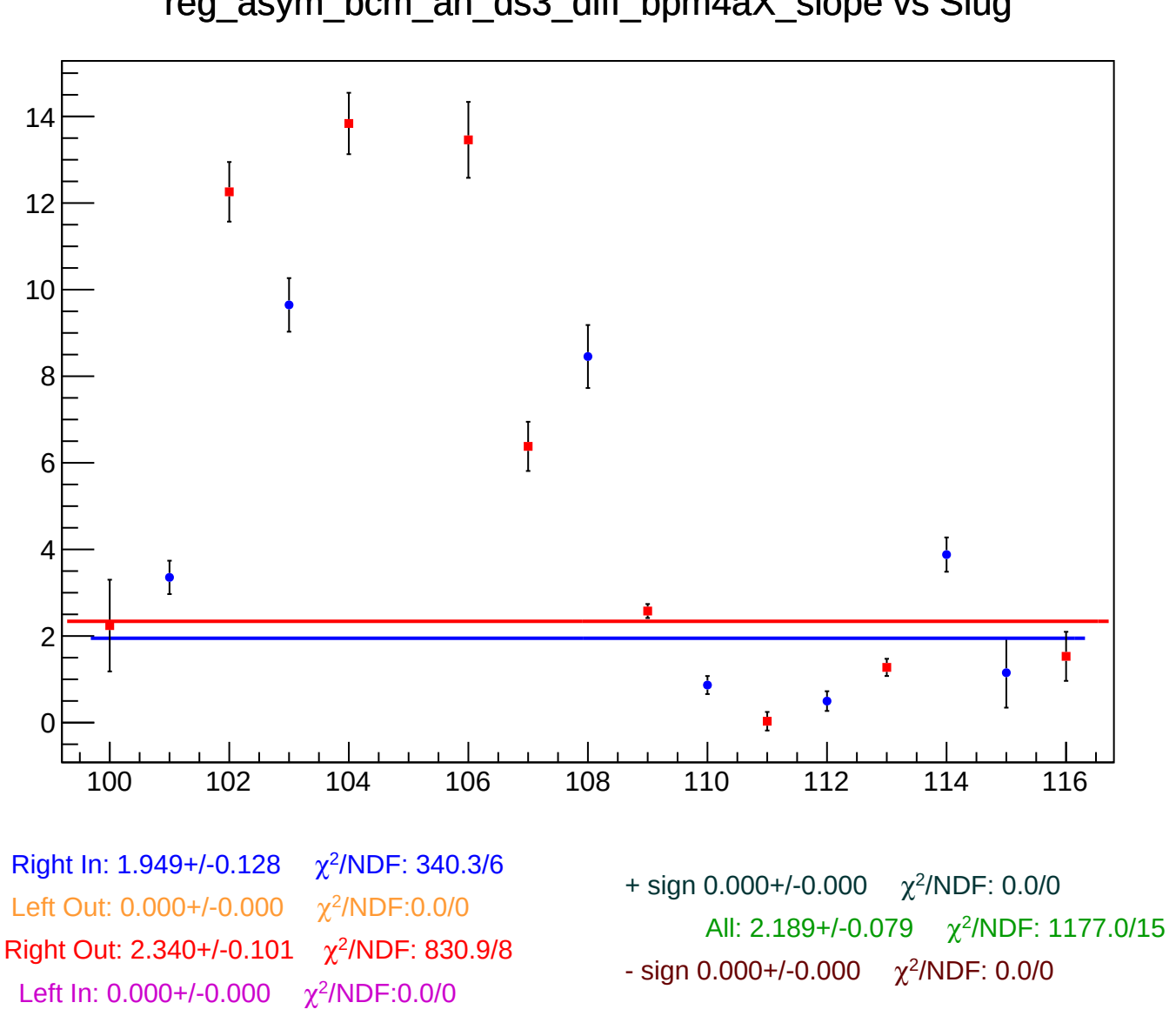
Right Out: 9.354+/-0.047 $\chi^2$/NDF: 437147.7/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

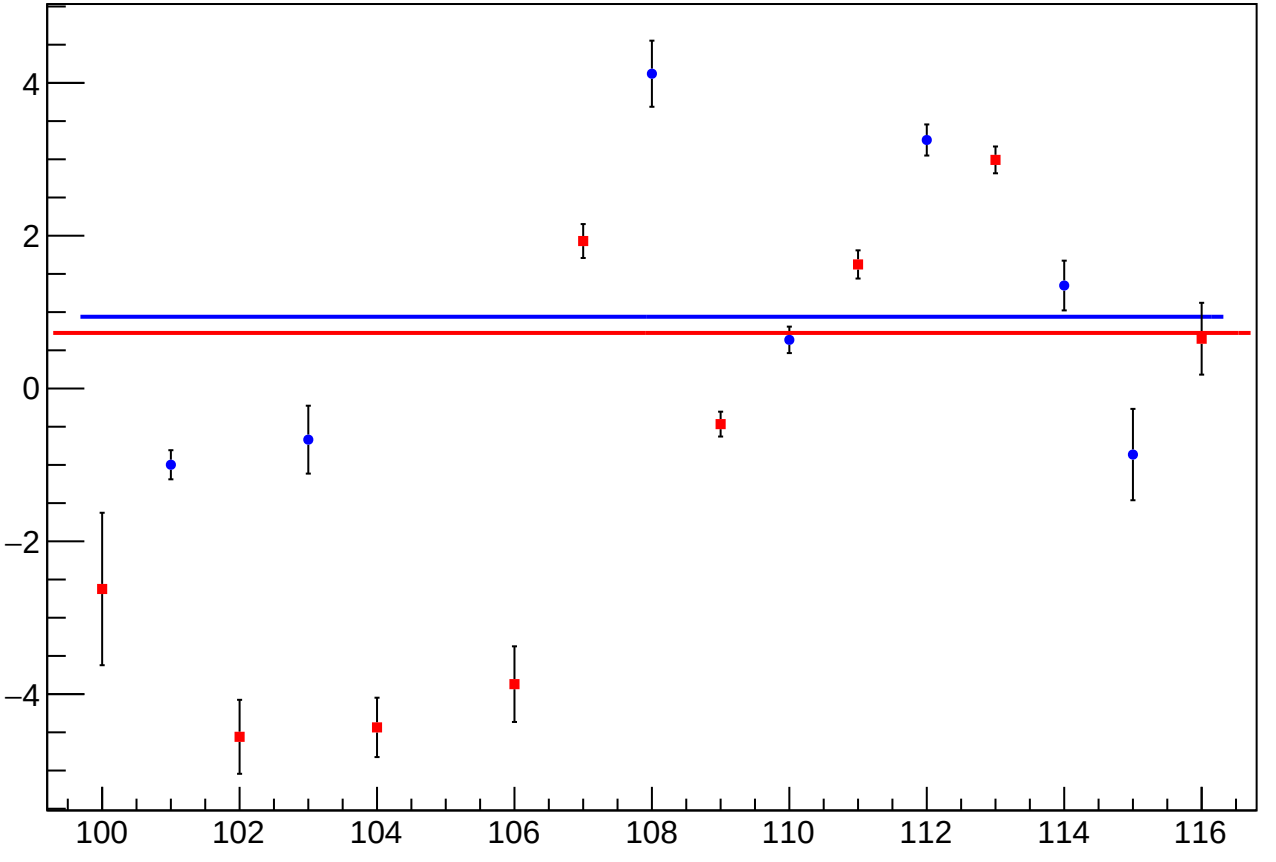
+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 13.016+/-0.034 $\chi^2$/NDF: 681698.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0


reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs Slug
14
12
10
8
6
4
2
0
100
102
104
106
108
110
112
114
116
Right In: 1.949+/-0.128 χ²/NDF: 340.3/6
Left Out: 0.000+/-0.000 χ²/NDF:0.0/0
Right Out: 2.340+/-0.101 χ²/NDF: 830.9/8
Left In: 0.000+/-0.000 χ²/NDF:0.0/0
+ sign 0.000+/-0.000 χ²/NDF: 0.0/0
All: 2.189+/-0.079 χ²/NDF: 1177.0/15
- sign 0.000+/-0.000 χ²/NDF: 0.0/0

# reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug




Right In: 0.939+/-0.096 $\chi^2$/NDF: 313.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.727+/-0.084 $\chi^2$/NDF: 666.7/8

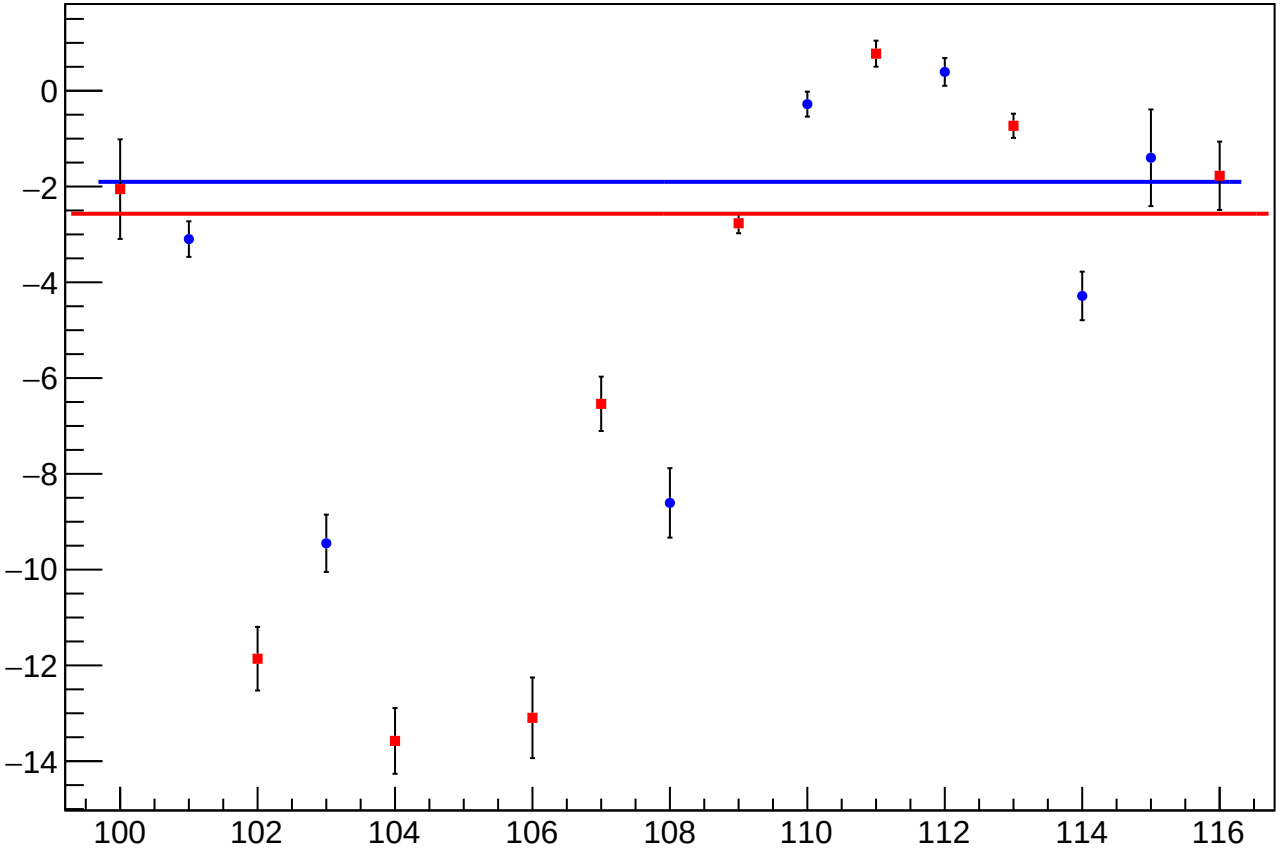
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.819+/-0.063 $\chi^2$/NDF: 982.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug




Right In: -1.902+/-0.152 $\chi^2$/NDF: 378.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2.568+/-0.125 $\chi^2$/NDF: 864.6/8

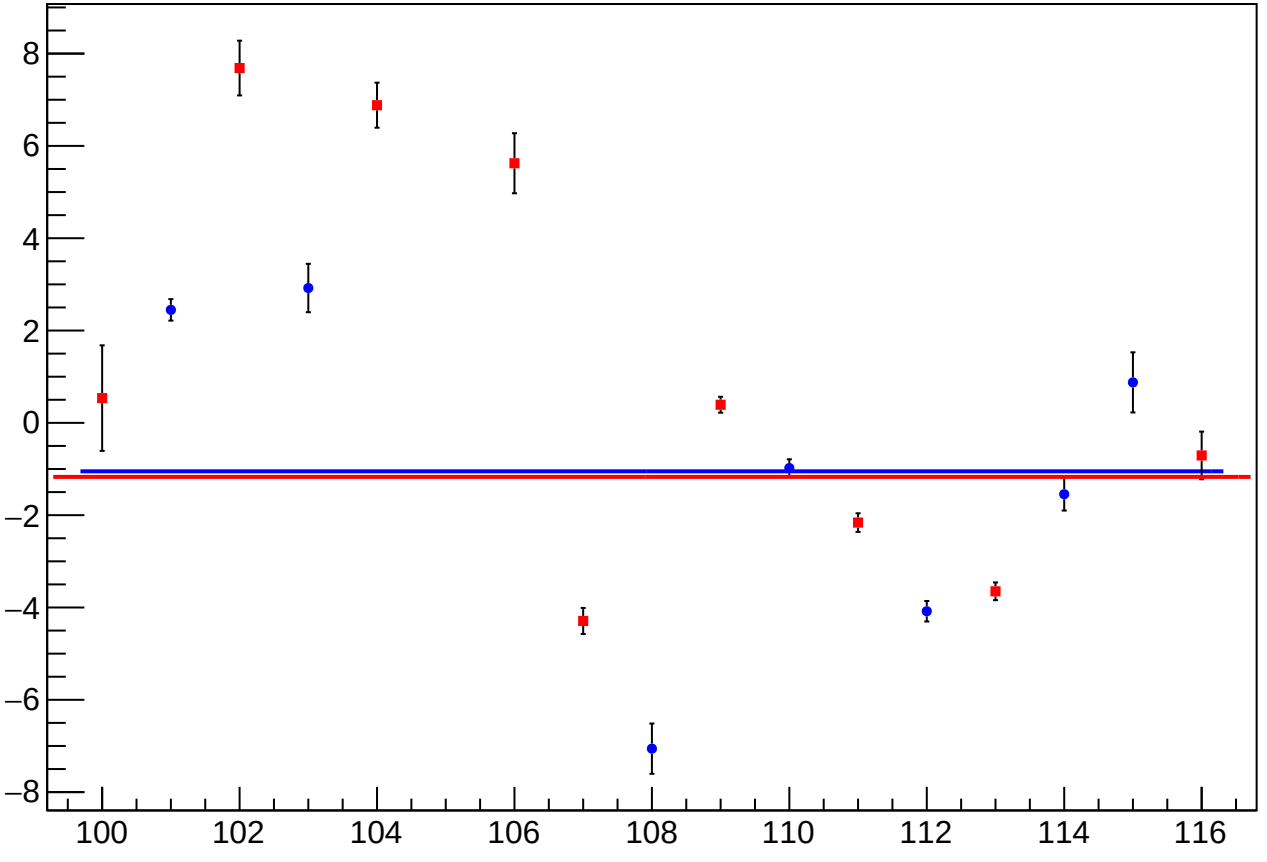
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2.298+/-0.097 $\chi^2$/NDF: 1254.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug




Right In: -1.050+/-0.109 $\chi^2$/NDF: 601.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.171+/-0.095 $\chi^2$/NDF: 1002.8/8

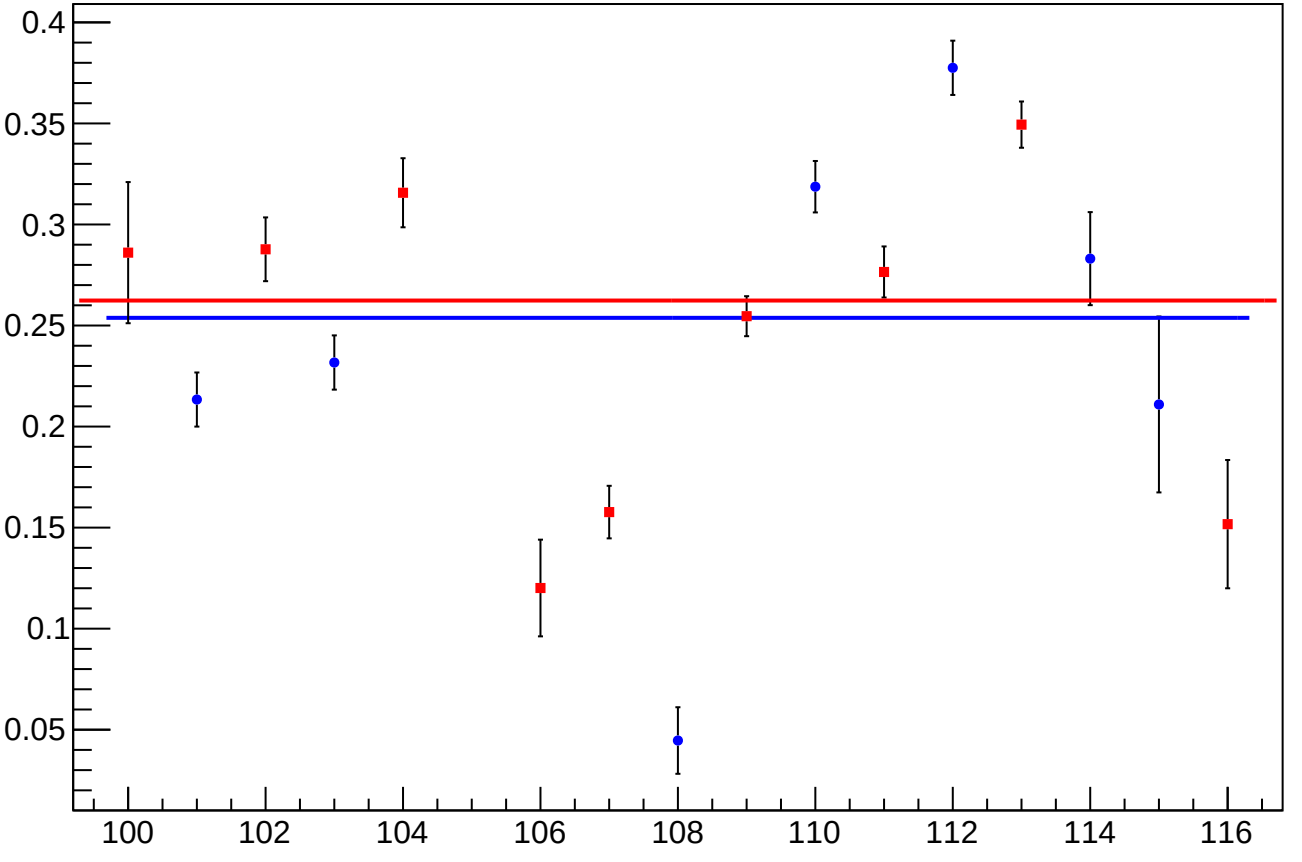
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.119+/-0.072 $\chi^2$/NDF: 1604.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug




Right In: 0.254+/-0.006 $\chi^2$/NDF: 286.6/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.262+/-0.005 $\chi^2$/NDF: 184.8/8

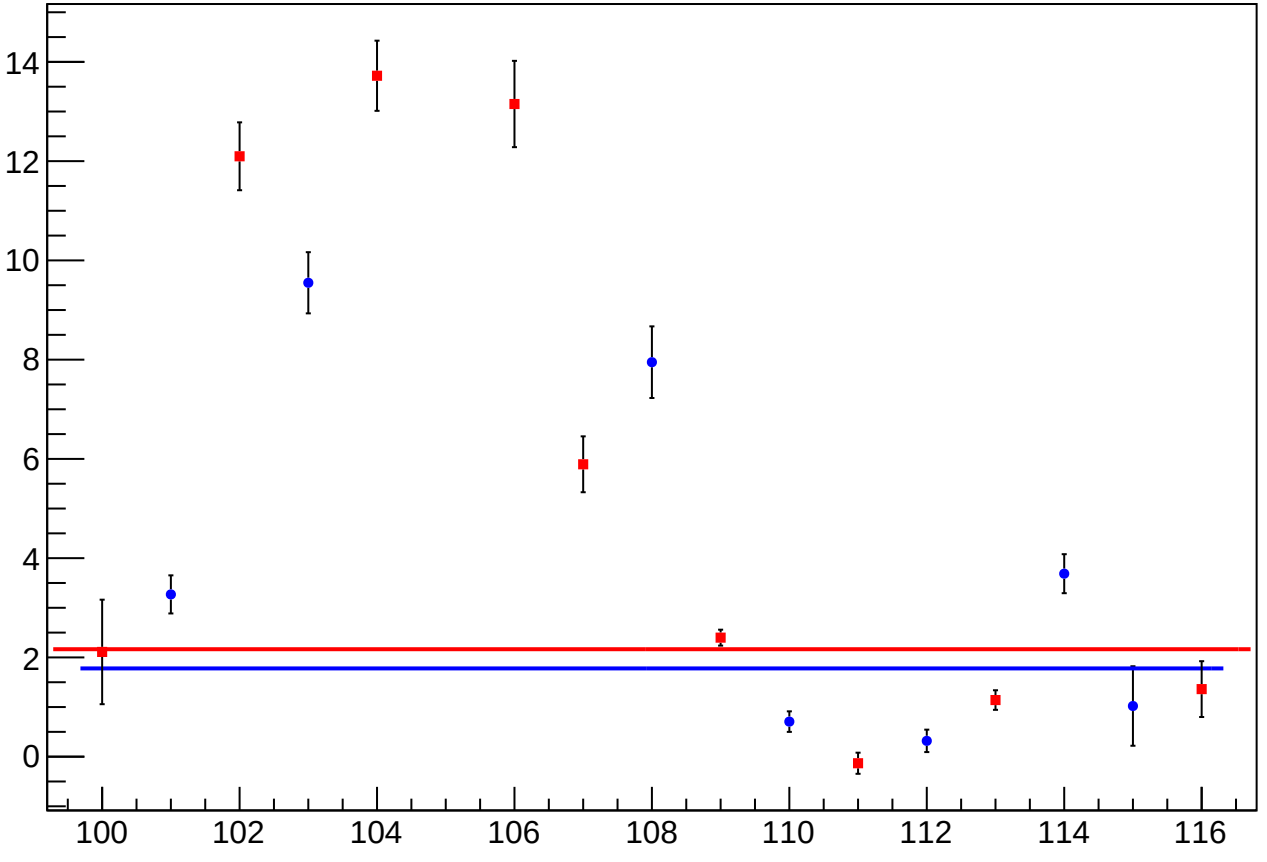
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.259+/-0.004 $\chi^2$/NDF: 472.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_ds_diff_bpm4aX_slope vs Slug




Right In: 1.778+/-0.127 $\chi^2$/NDF: 340.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.165+/-0.100 $\chi^2$/NDF: 829.3/8

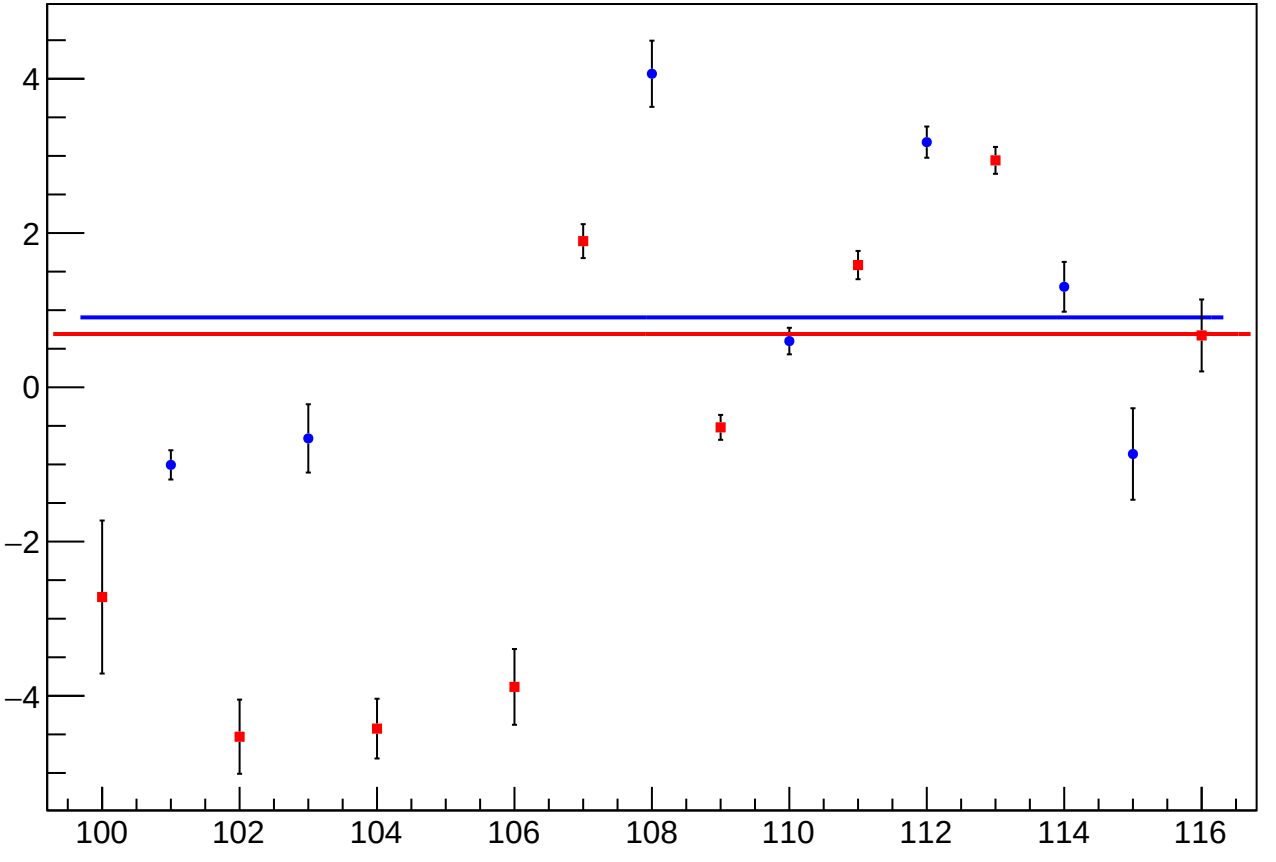
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.016+/-0.079 $\chi^2$/NDF: 1175.2/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug




Right In: 0.906+/-0.096 $\chi^2$/NDF: 308.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.691+/-0.084 $\chi^2$/NDF: 667.9/8

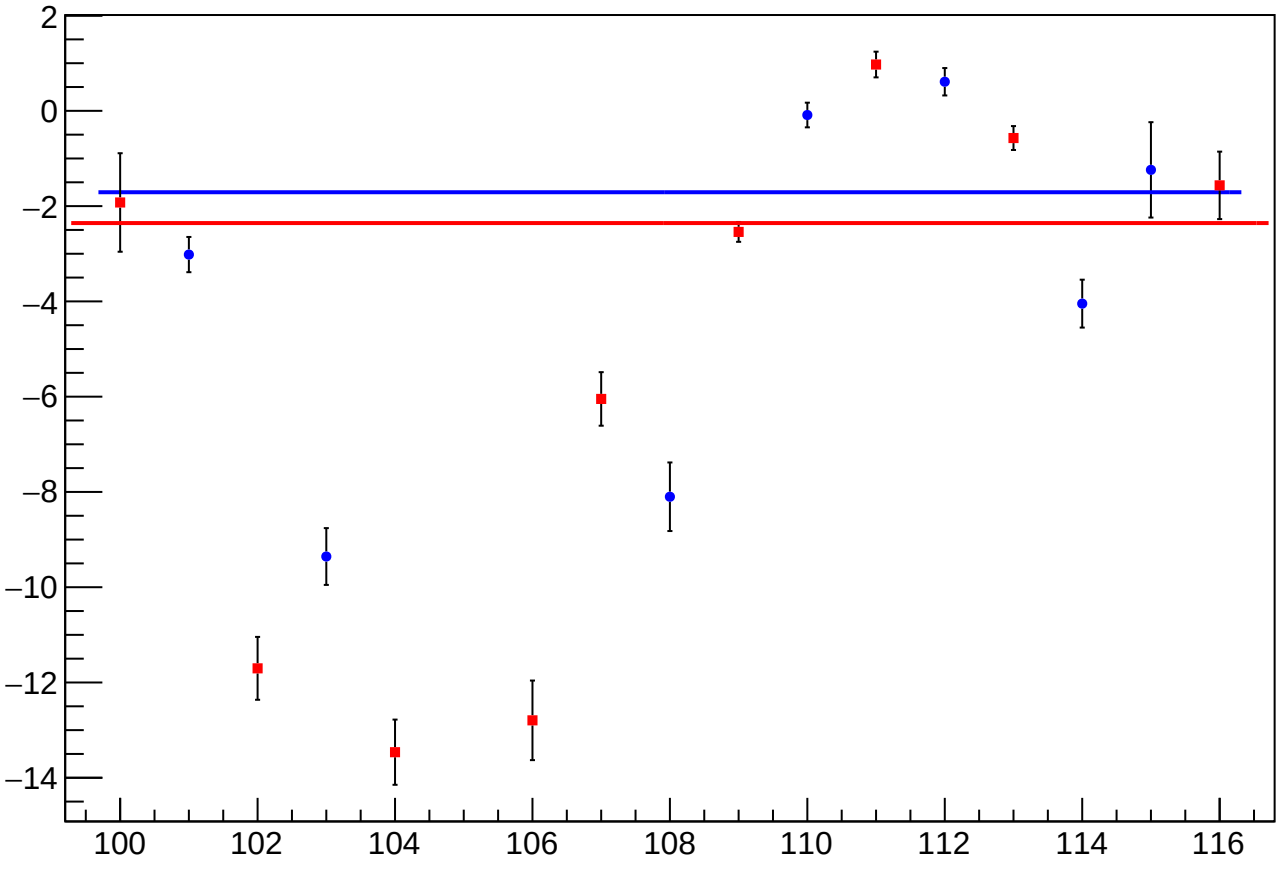
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.784+/-0.063 $\chi^2$/NDF: 979.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug




Right In: -1.709+/-0.151 $\chi^2$/NDF: 382.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2.356+/-0.124 $\chi^2$/NDF: 868.4/8

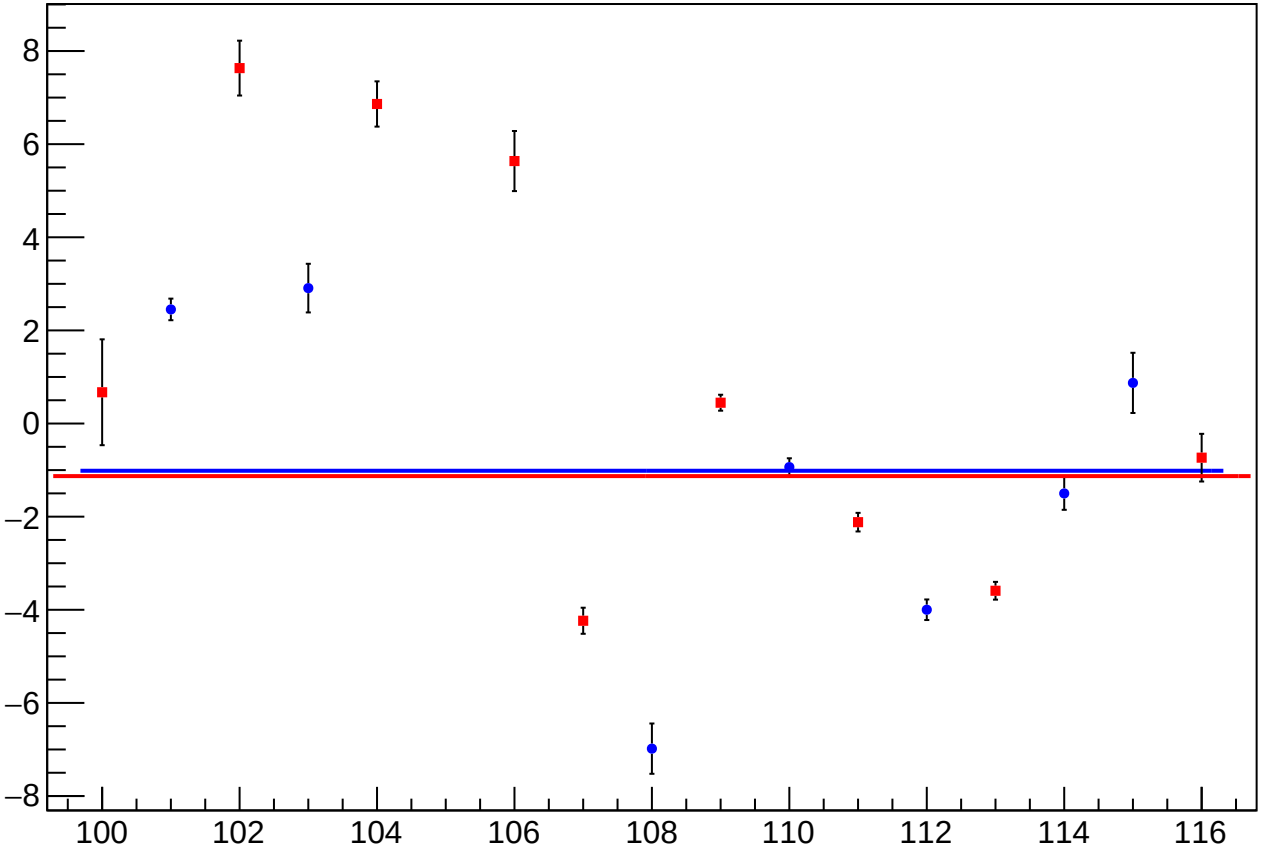
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2.094+/-0.096 $\chi^2$/NDF: 1261.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug




Right In: -1.014+/-0.109 $\chi^2$/NDF: 595.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

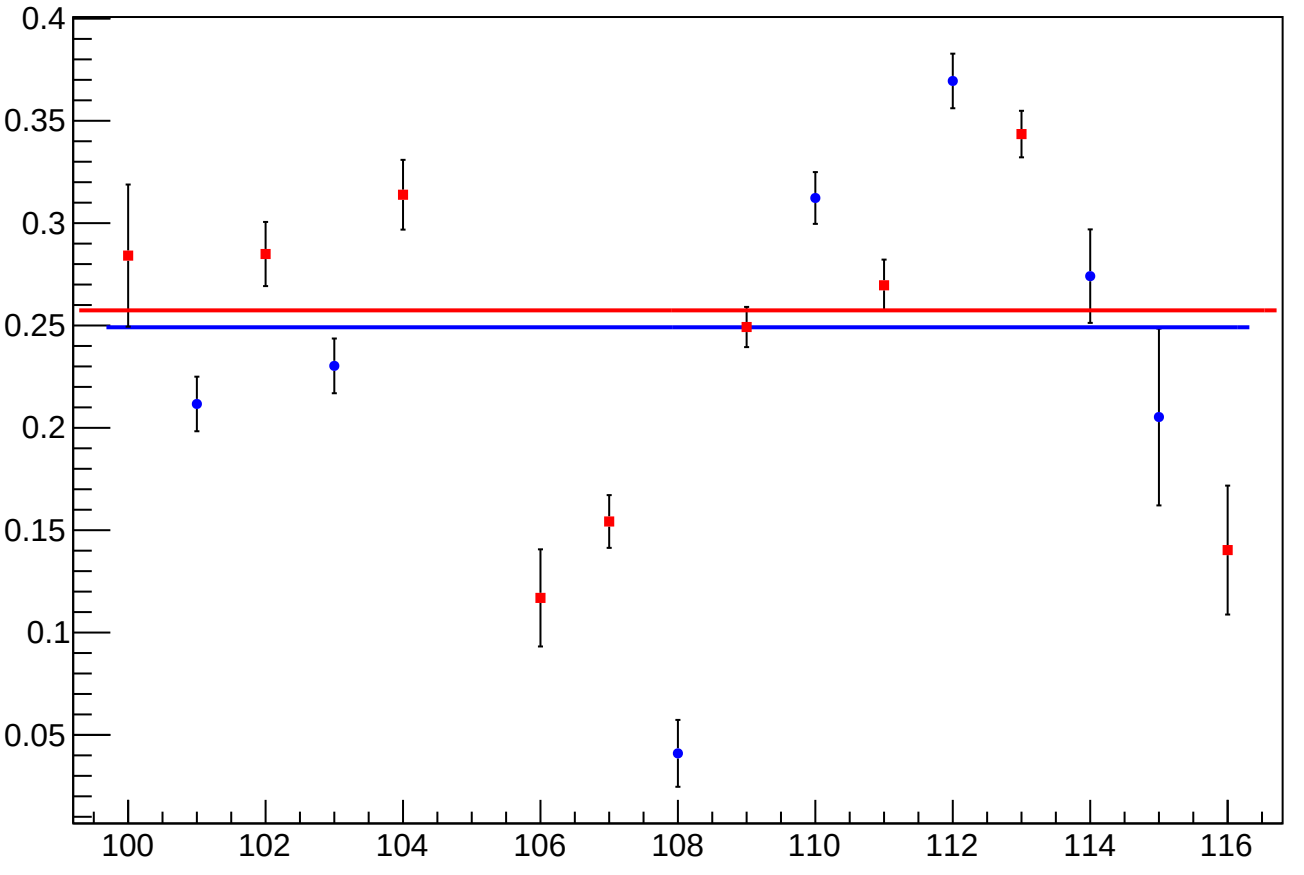
Right Out: -1.129+/-0.094 $\chi^2$/NDF: 1003.6/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.080+/-0.071 $\chi^2$/NDF: 1599.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 0.249+/-0.006 $\chi^2$/NDF: 280.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.257+/-0.005 $\chi^2$/NDF: 186.7/8

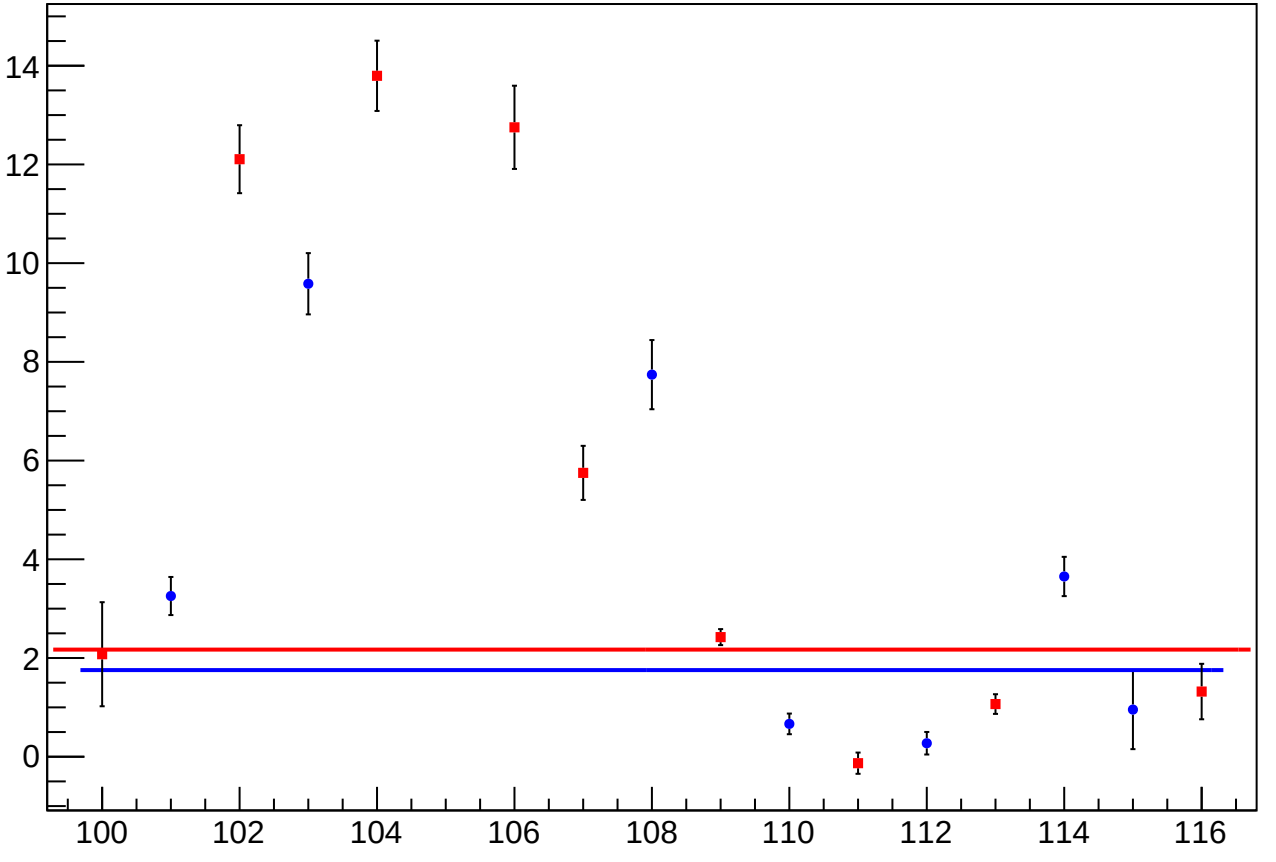
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.254+/-0.004 $\chi^2$/NDF: 468.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_us_diff_bpm4aX_slope vs Slug




Right In: 1.755+/-0.128 $\chi^2$/NDF: 340.1/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.170+/-0.101 $\chi^2$/NDF: 825.1/8

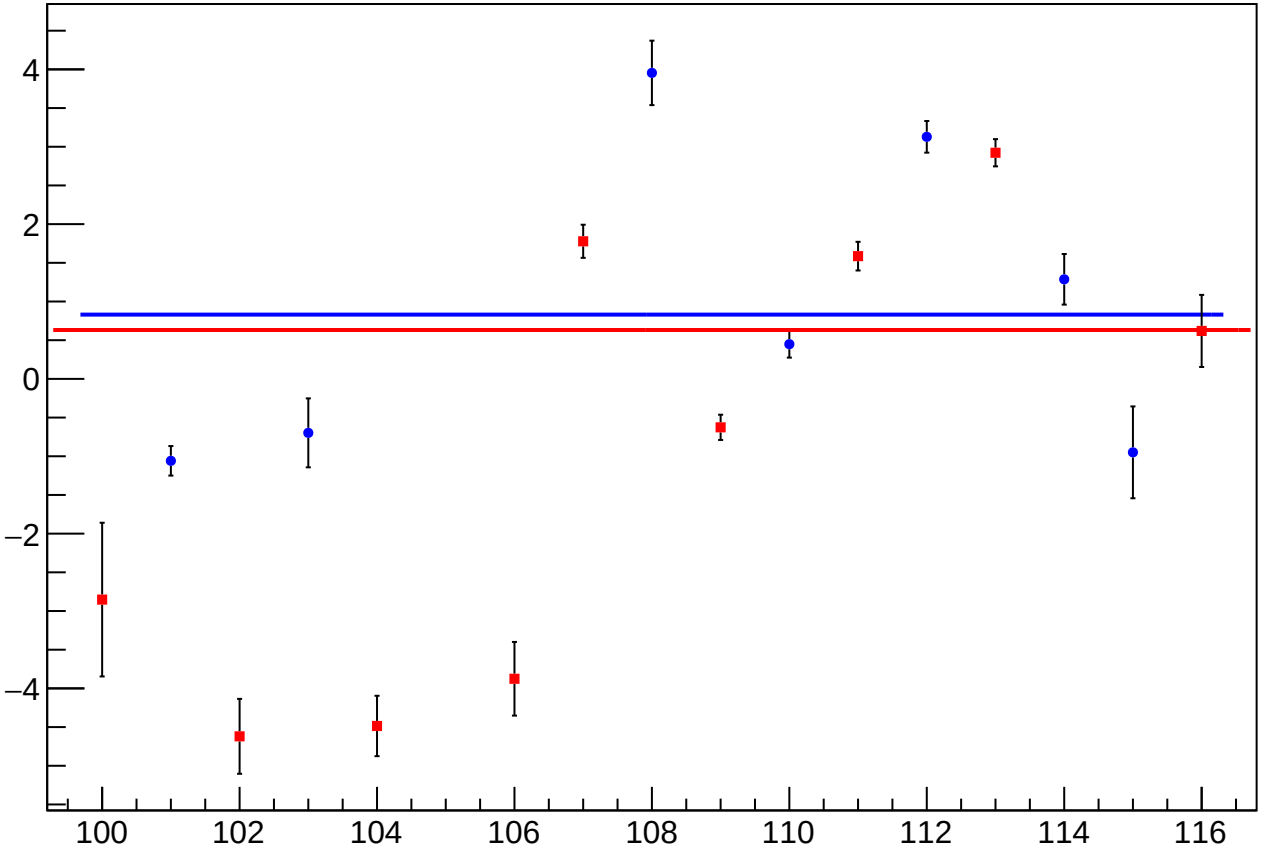
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.011+/-0.079 $\chi^2$/NDF: 1171.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug




Right In: 0.831+/-0.096 $\chi^2$/NDF: 308.2/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.632+/-0.084 $\chi^2$/NDF: 675.8/8

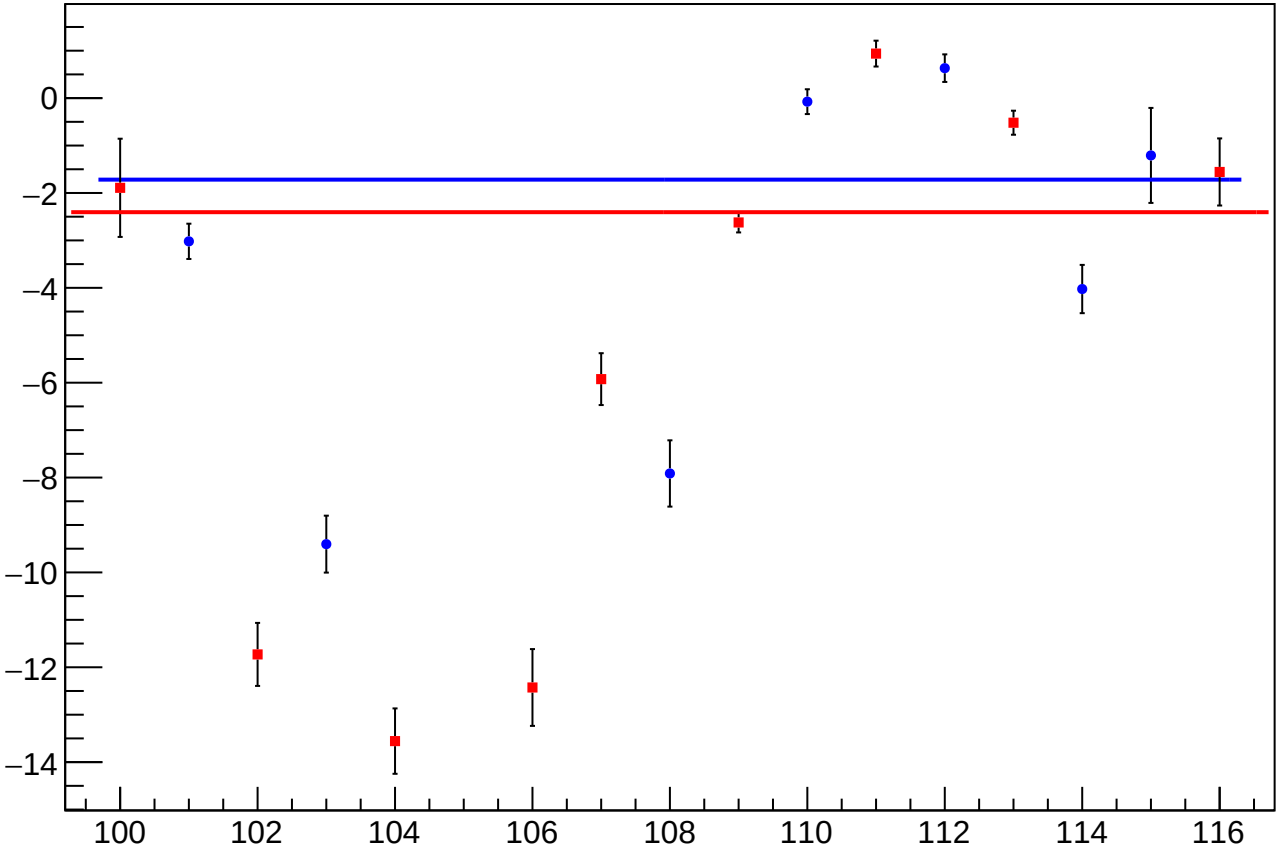
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.718+/-0.063 $\chi^2$/NDF: 986.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug




Right In: -1.719+/-0.152 $\chi^2$/NDF: 380.4/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2.405+/-0.125 $\chi^2$/NDF: 861.8/8

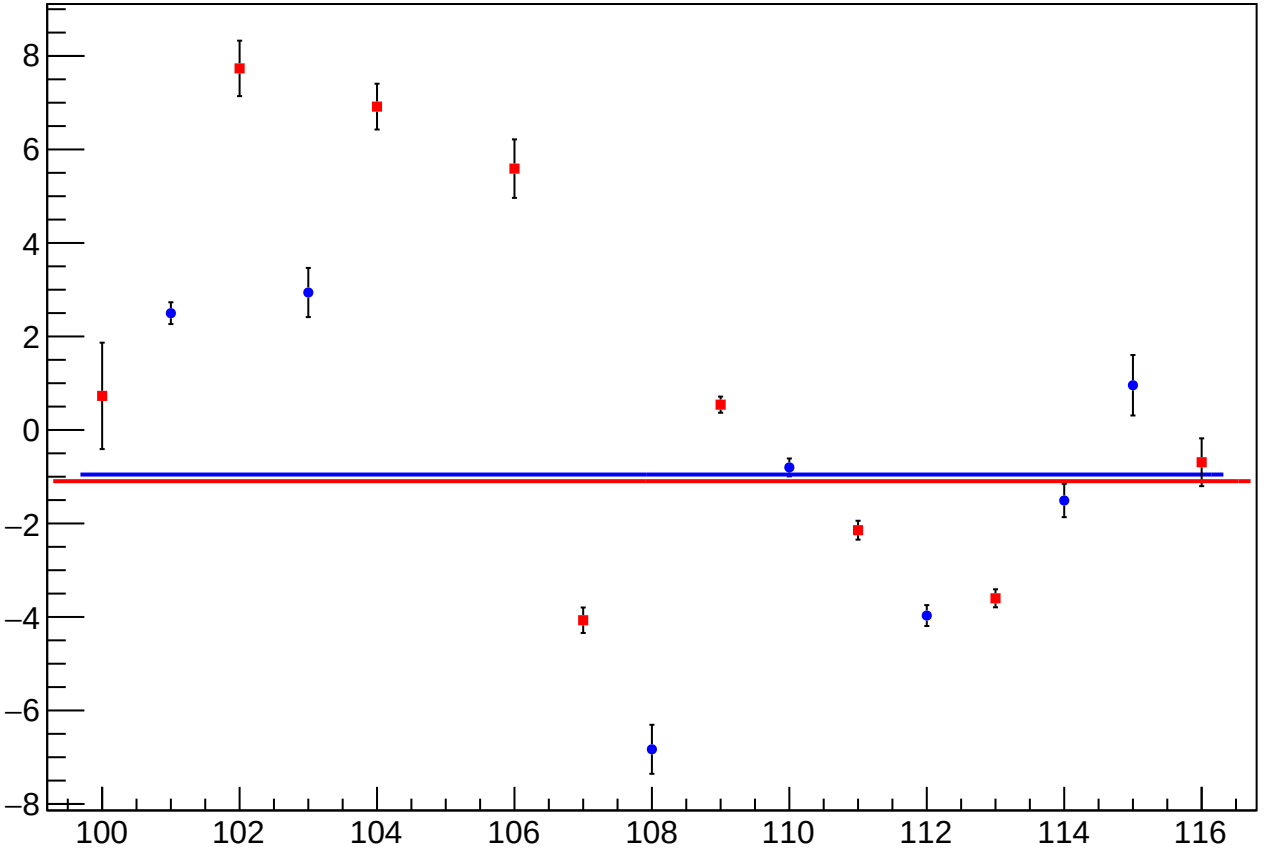
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2.127+/-0.097 $\chi^2$/NDF: 1254.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug




Right In: -0.953+/-0.109 $\chi^2$/NDF: 593.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.095+/-0.094 $\chi^2$/NDF: 1011.6/8

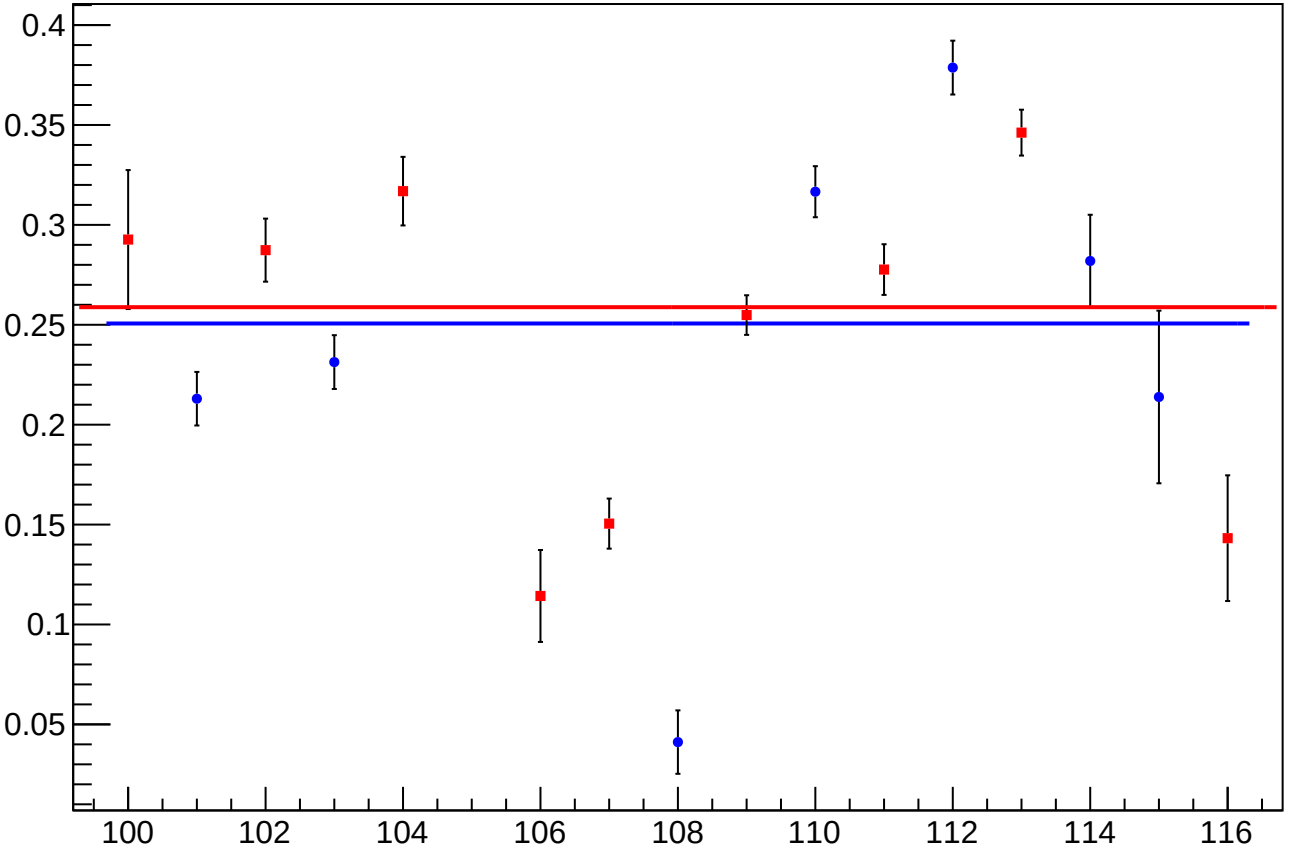
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.035+/-0.071 $\chi^2$/NDF: 1606.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug




Right In: 0.251+/-0.006 $\chi^2$/NDF: 303.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.259+/-0.005 $\chi^2$/NDF: 203.6/8

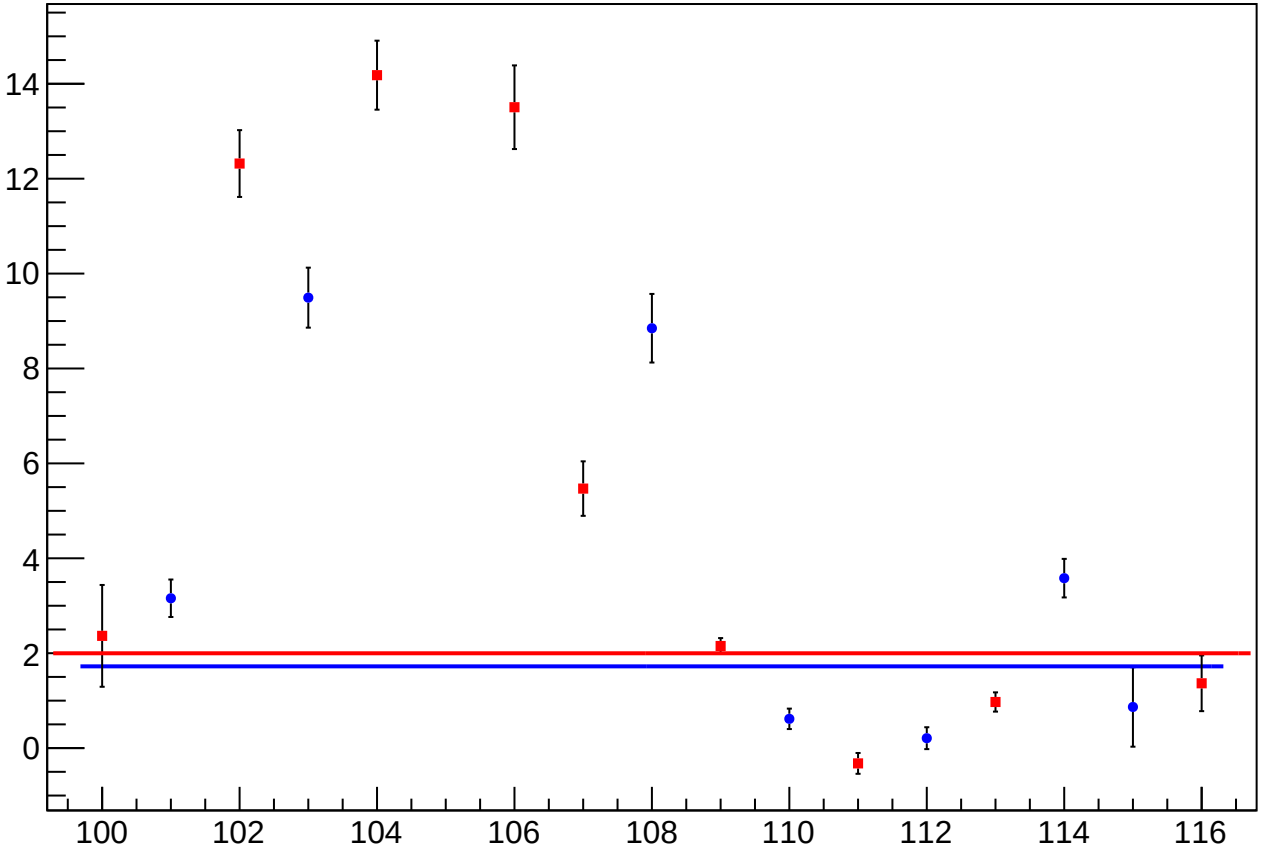
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.255+/-0.004 $\chi^2$/NDF: 508.5/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs Slug




Right In: 1.723+/-0.131 $\chi^2$/NDF: 352.8/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 1.998+/-0.104 $\chi^2$/NDF: 842.3/8

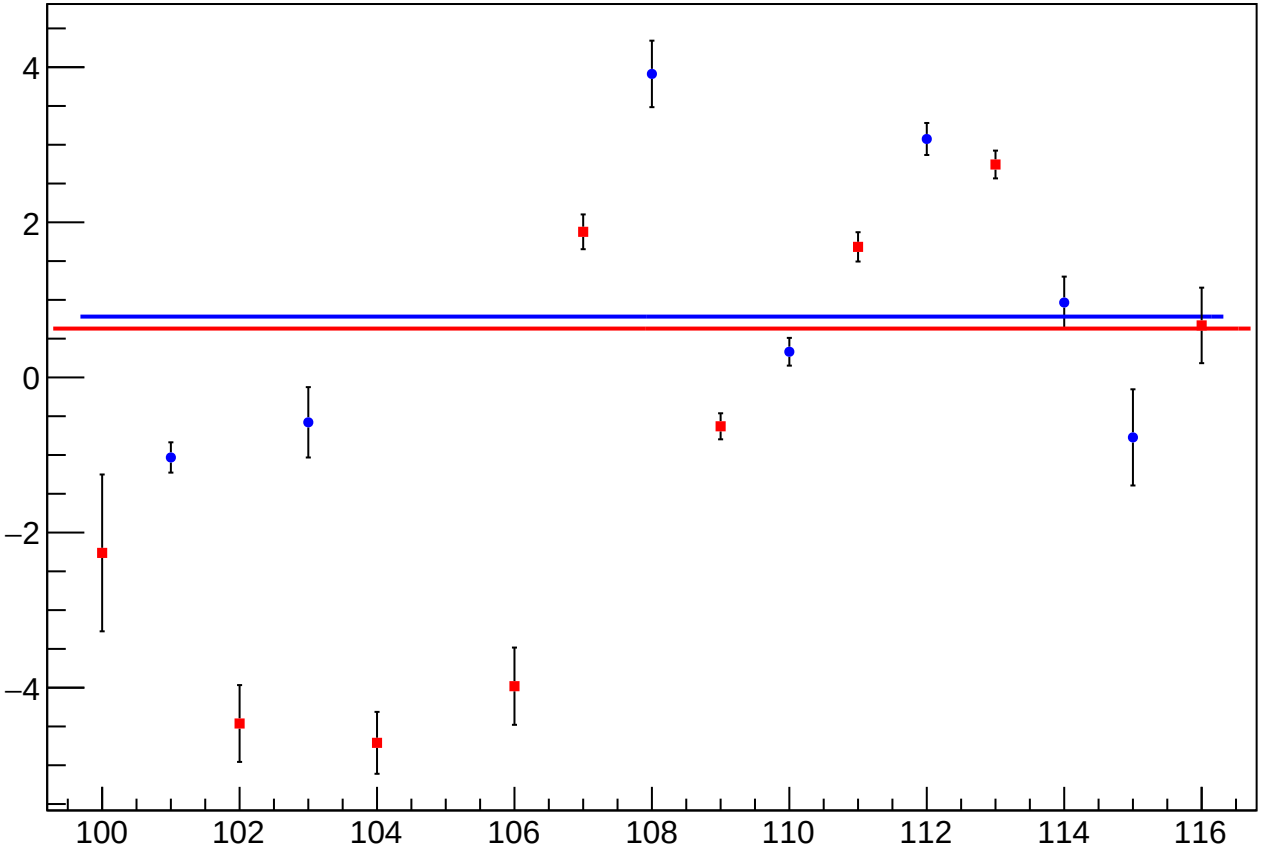
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 1.892+/-0.081 $\chi^2$/NDF: 1197.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug




Right In: 0.784+/-0.099 $\chi^2$/NDF: 284.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.630+/-0.086 $\chi^2$/NDF: 636.5/8

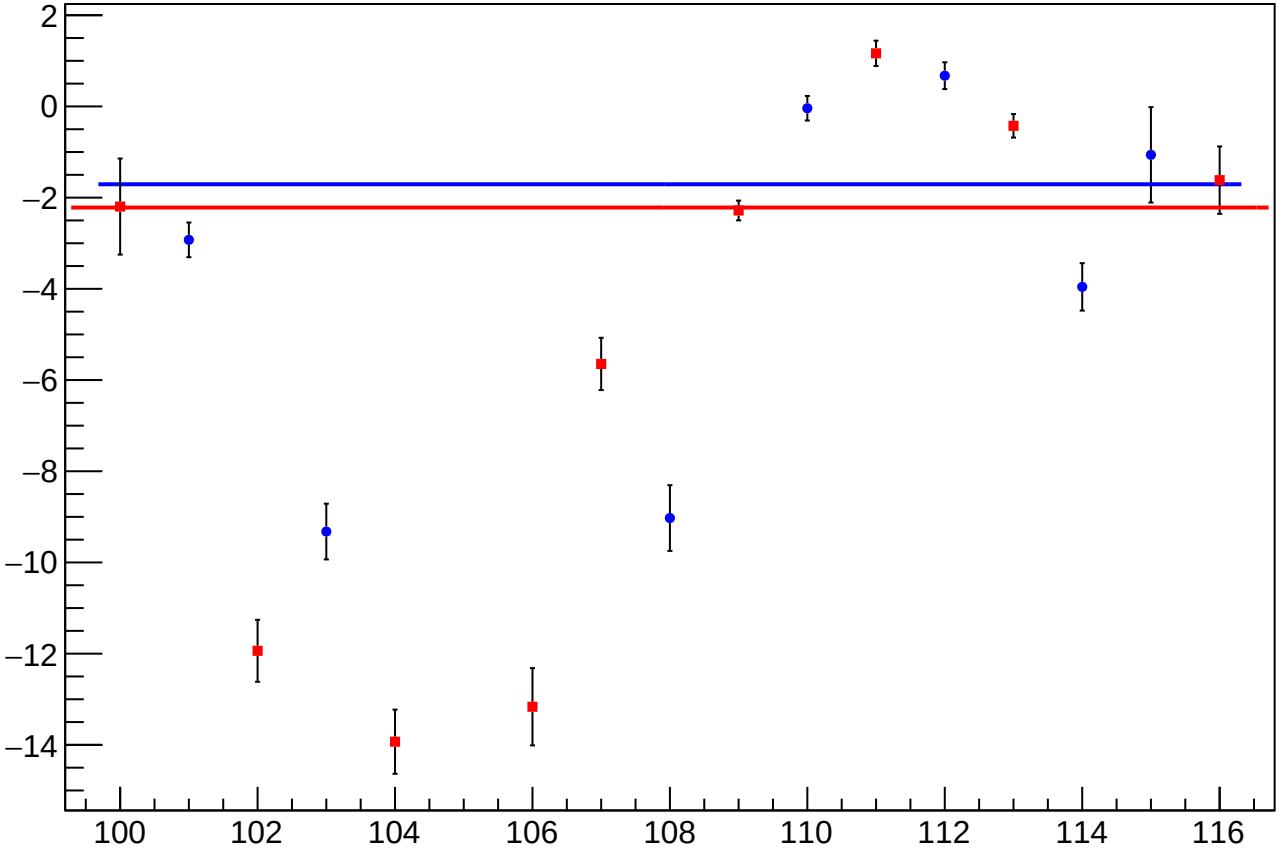
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.697+/-0.065 $\chi^2$/NDF: 922.8/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug




Right In: -1.707+/-0.155 $\chi^2$/NDF: 391.7/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2.217+/-0.128 $\chi^2$/NDF: 881.1/8

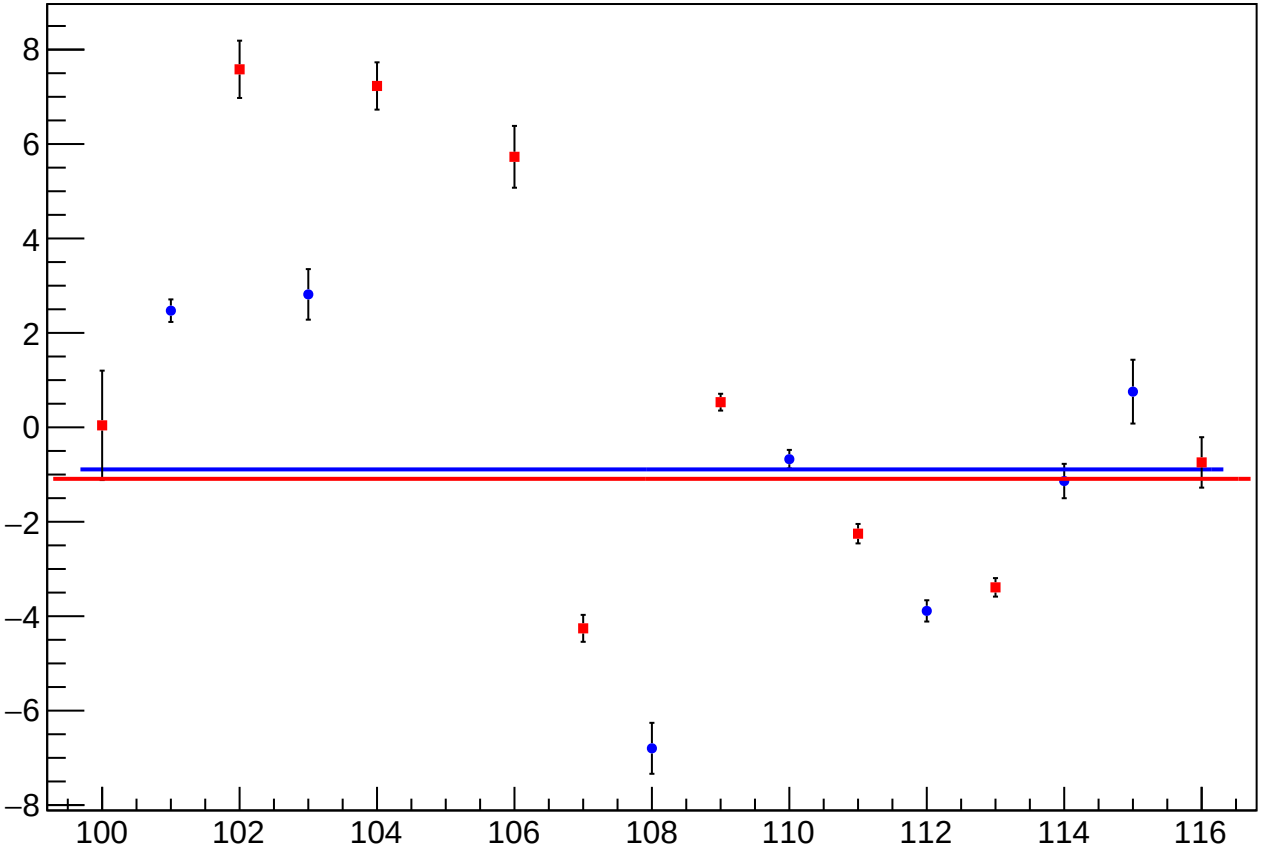
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2.010+/-0.099 $\chi^2$/NDF: 1279.3/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug




Right In: -0.891+/-0.112 $\chi^2$/NDF: 550.3/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -1.091+/-0.097 $\chi^2$/NDF: 965.9/8

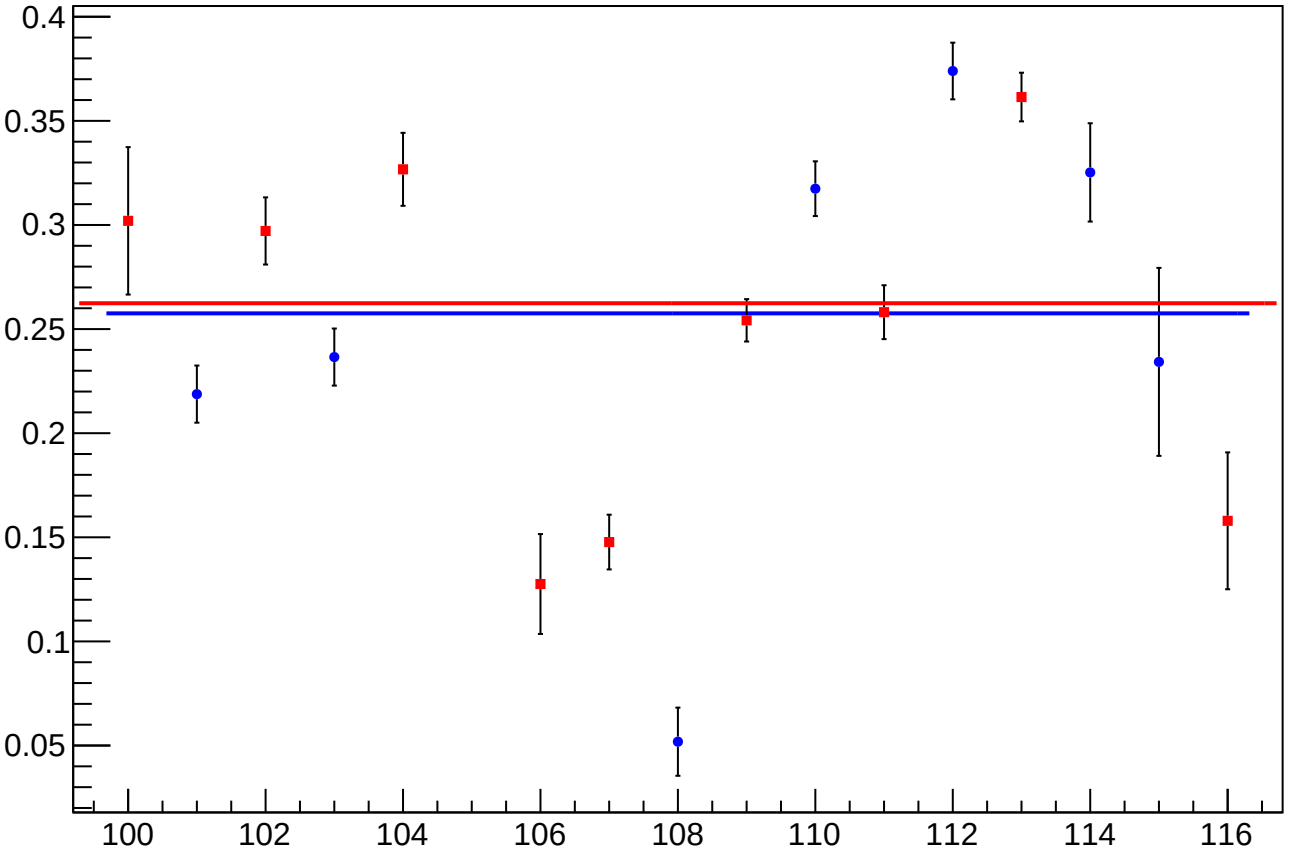
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.005+/-0.073 $\chi^2$/NDF: 1518.0/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug




Right In: 0.258+/-0.006 $\chi^2$/NDF: 270.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.262+/-0.005 $\chi^2$/NDF: 209.8/8

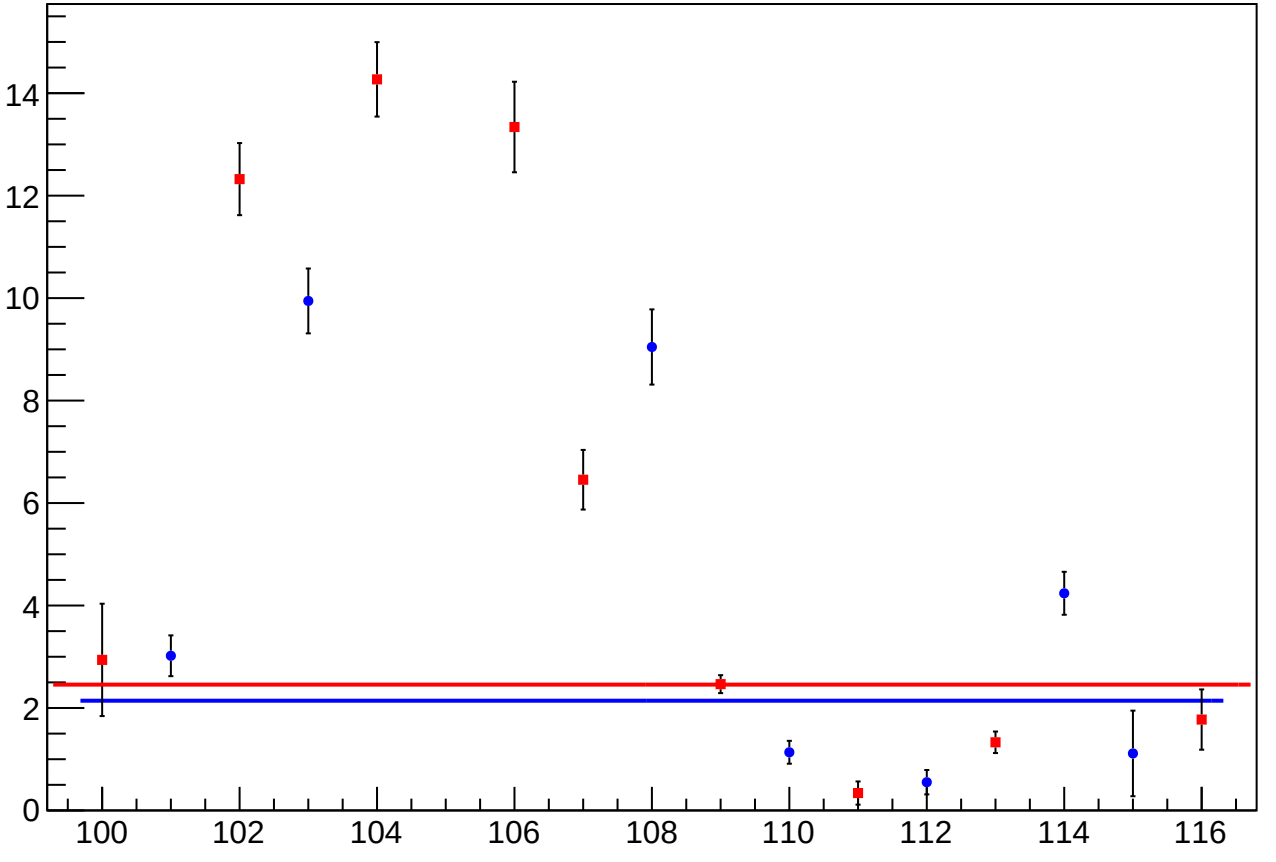
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.260+/-0.004 $\chi^2$/NDF: 480.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_us_diff_bpm4aX_slope vs Slug




Right In: 2.142+/-0.134 $\chi^2$/NDF: 336.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 2.456+/-0.107 $\chi^2$/NDF: 777.5/8

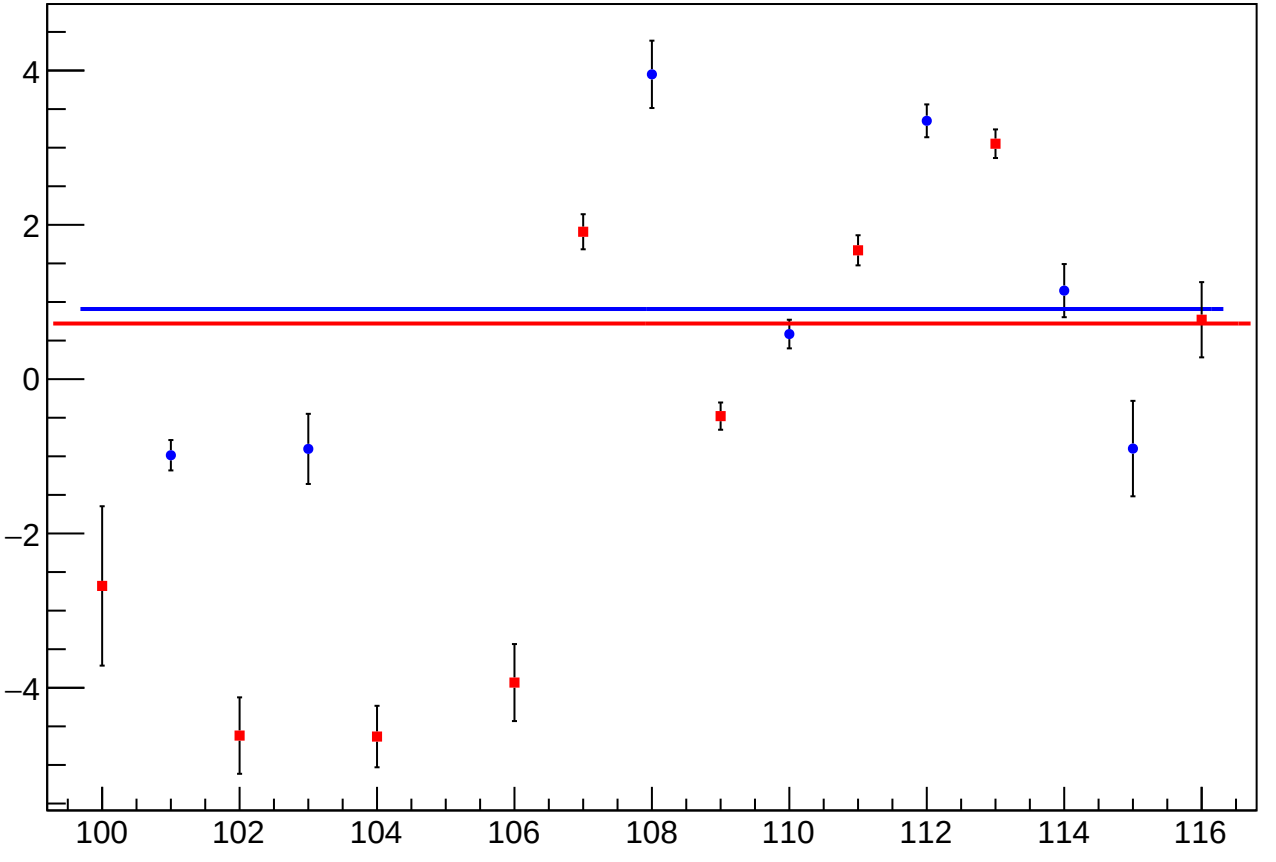
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 2.333+/-0.084 $\chi^2$/NDF: 1117.7/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug




Right In: 0.909+/-0.101 $\chi^2$/NDF: 300.5/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.721+/-0.089 $\chi^2$/NDF: 649.6/8

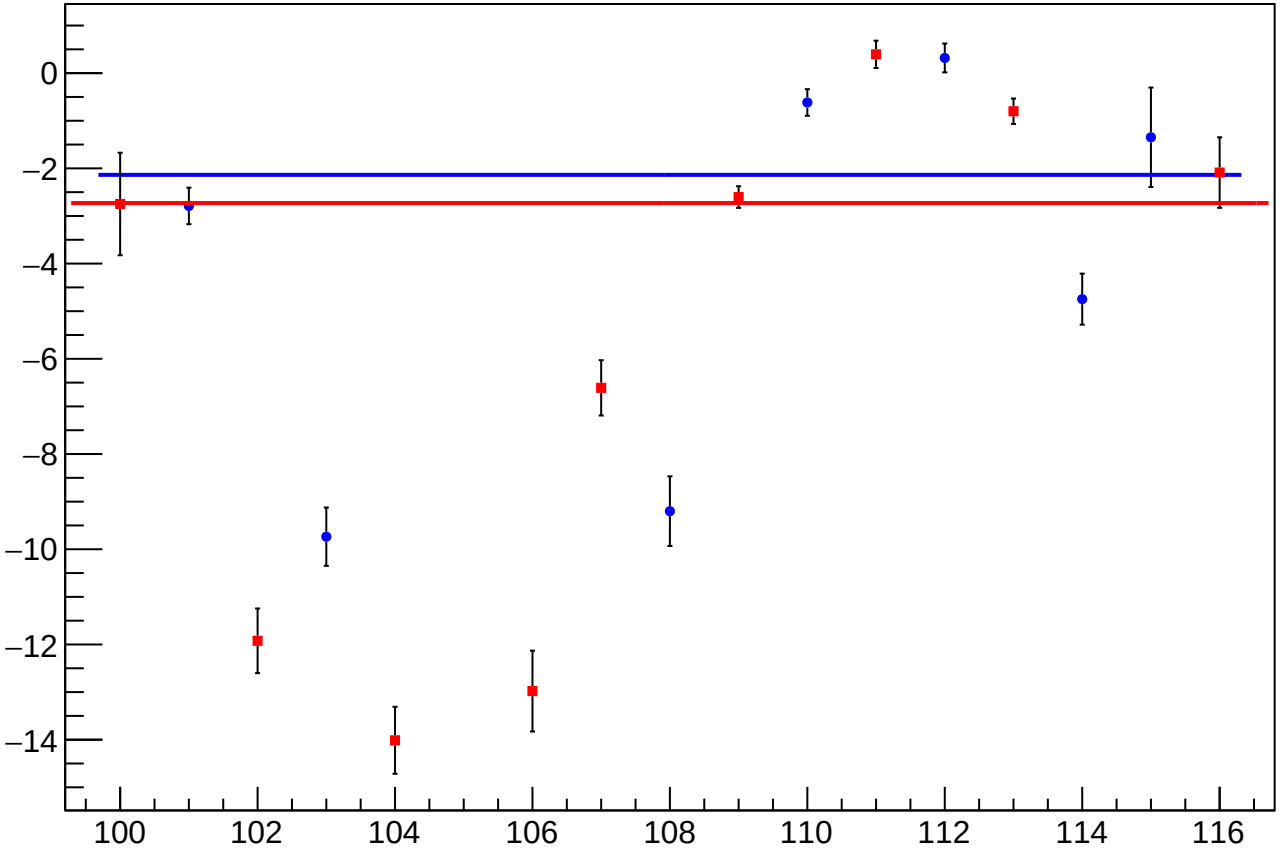
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.803+/-0.067 $\chi^2$/NDF: 952.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug




Right In: -2.136+/-0.159 $\chi^2$/NDF: 369.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: -2.728+/-0.133 $\chi^2$/NDF: 802.6/8

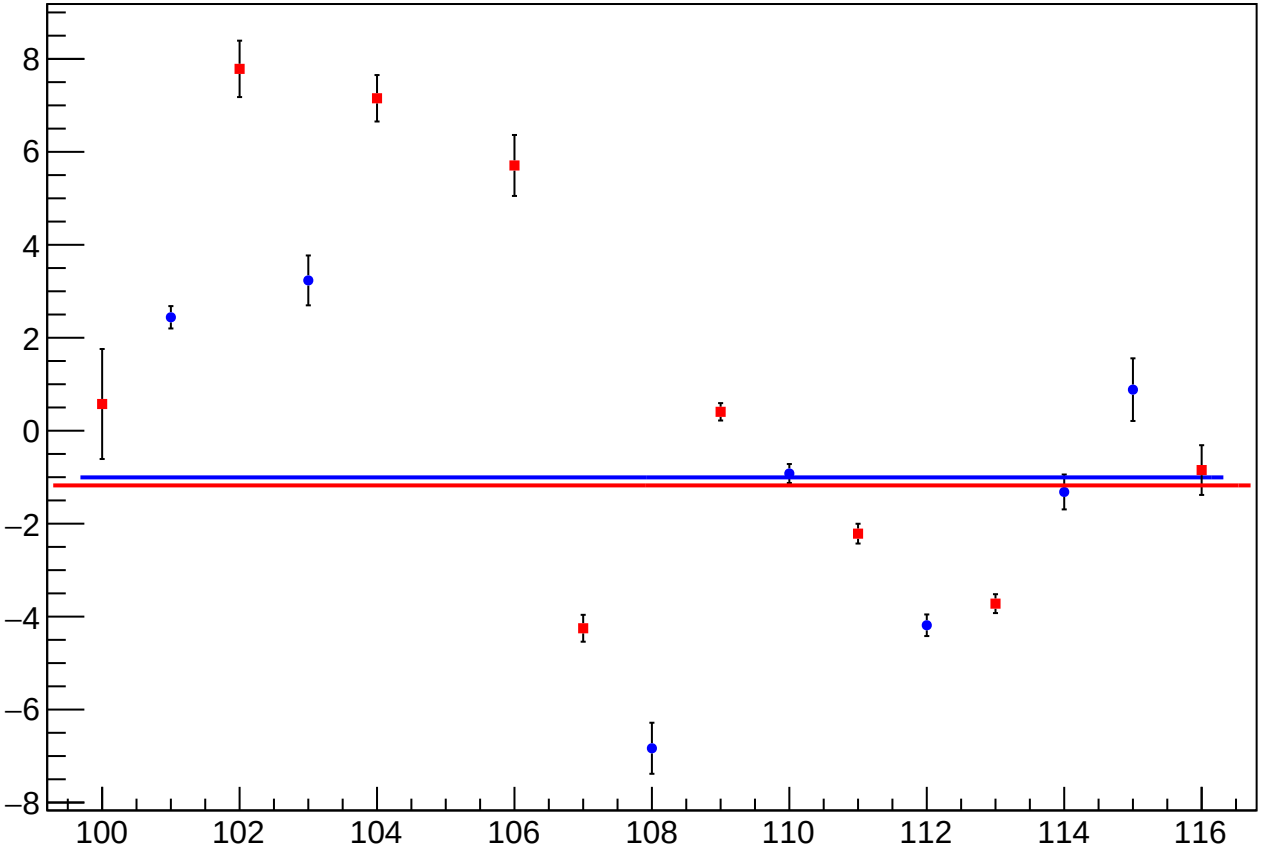
Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -2.486+/-0.102 $\chi^2$/NDF: 1180.6/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

# reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug




Right In: -1.004+/-0.115 $\chi^2$/NDF: 576.0/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

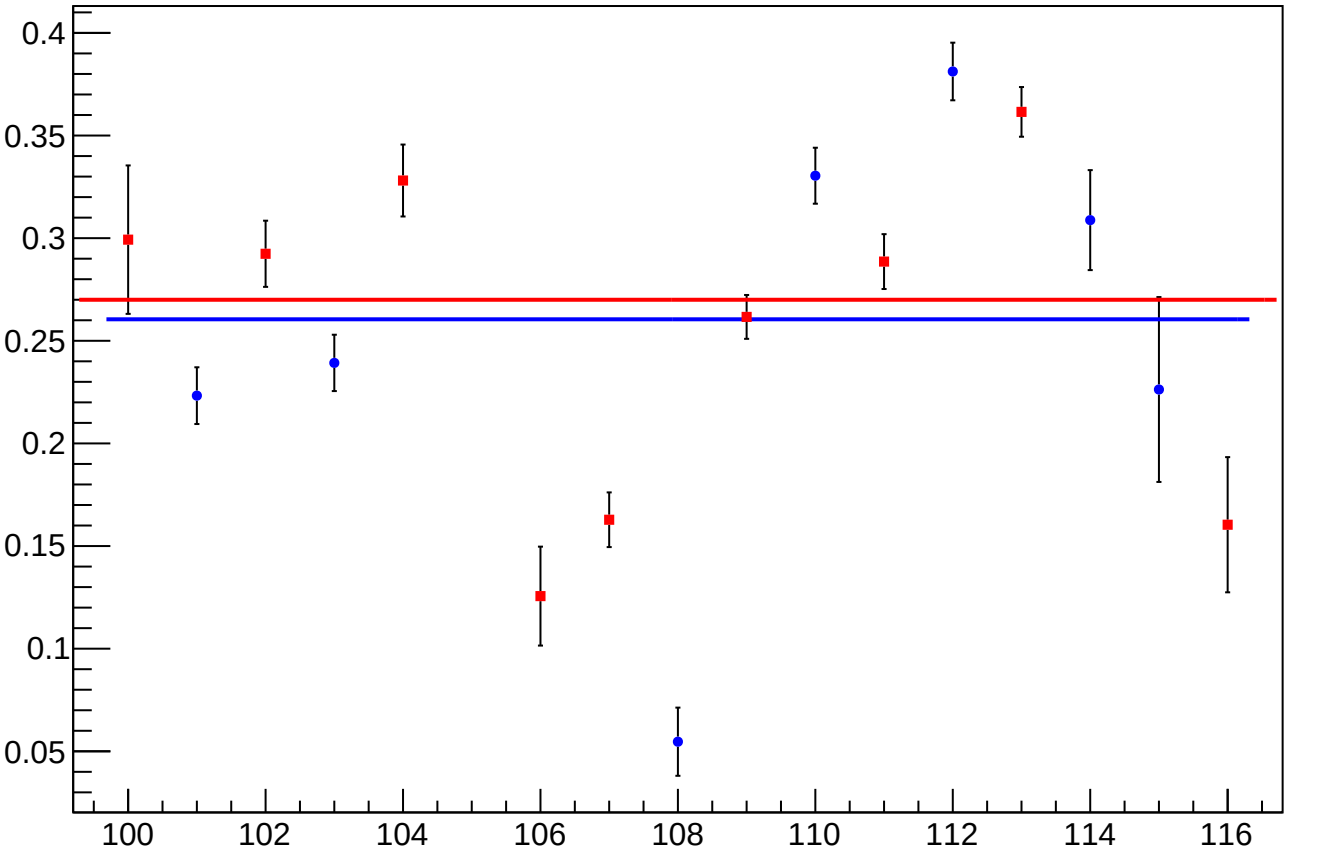
Right Out: -1.177+/-0.100 $\chi^2$/NDF: 973.8/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: -1.102+/-0.075 $\chi^2$/NDF: 1551.1/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0




Right In: 0.260+/-0.006 $\chi^2$/NDF: 267.9/6

Left Out: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

Right Out: 0.270+/-0.005 $\chi^2$/NDF: 185.0/8

Left In: 0.000+/-0.000 $\chi^2$/NDF:0.0/0

+ sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0

All: 0.266+/-0.004 $\chi^2$/NDF: 454.4/15

- sign 0.000+/-0.000 $\chi^2$/NDF: 0.0/0