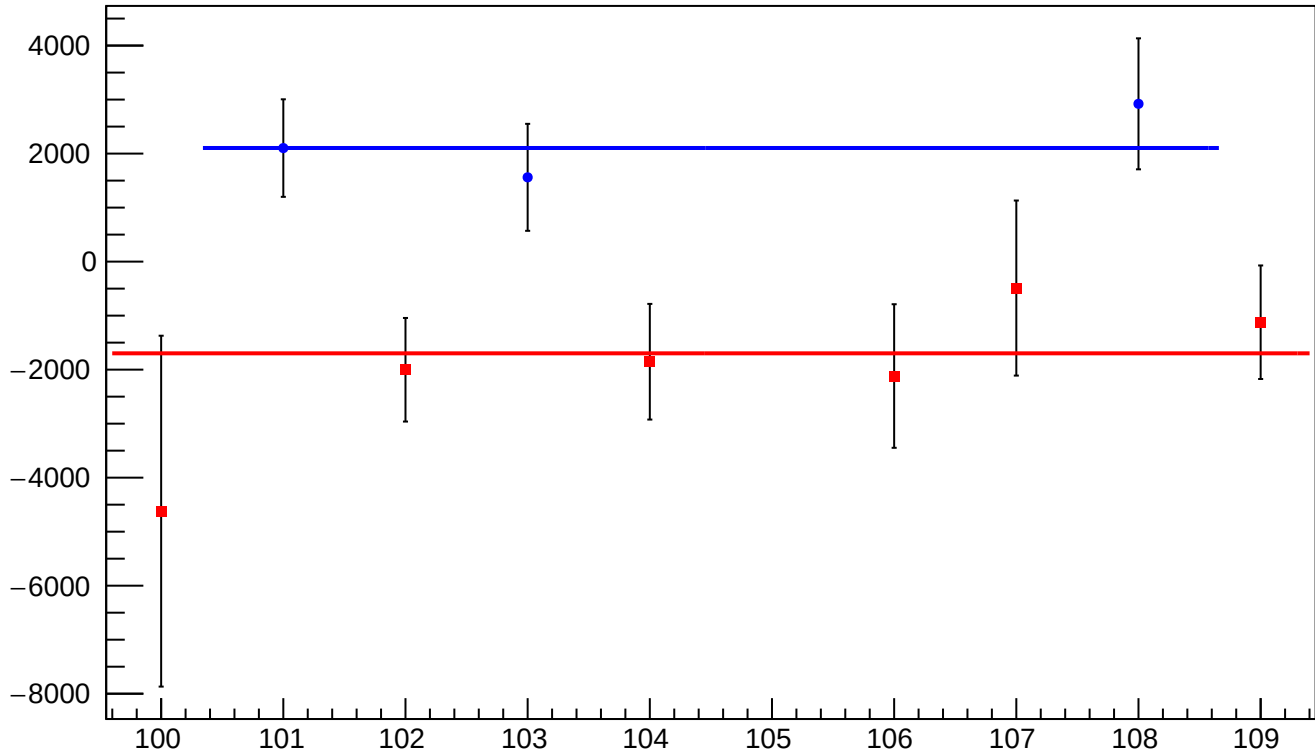


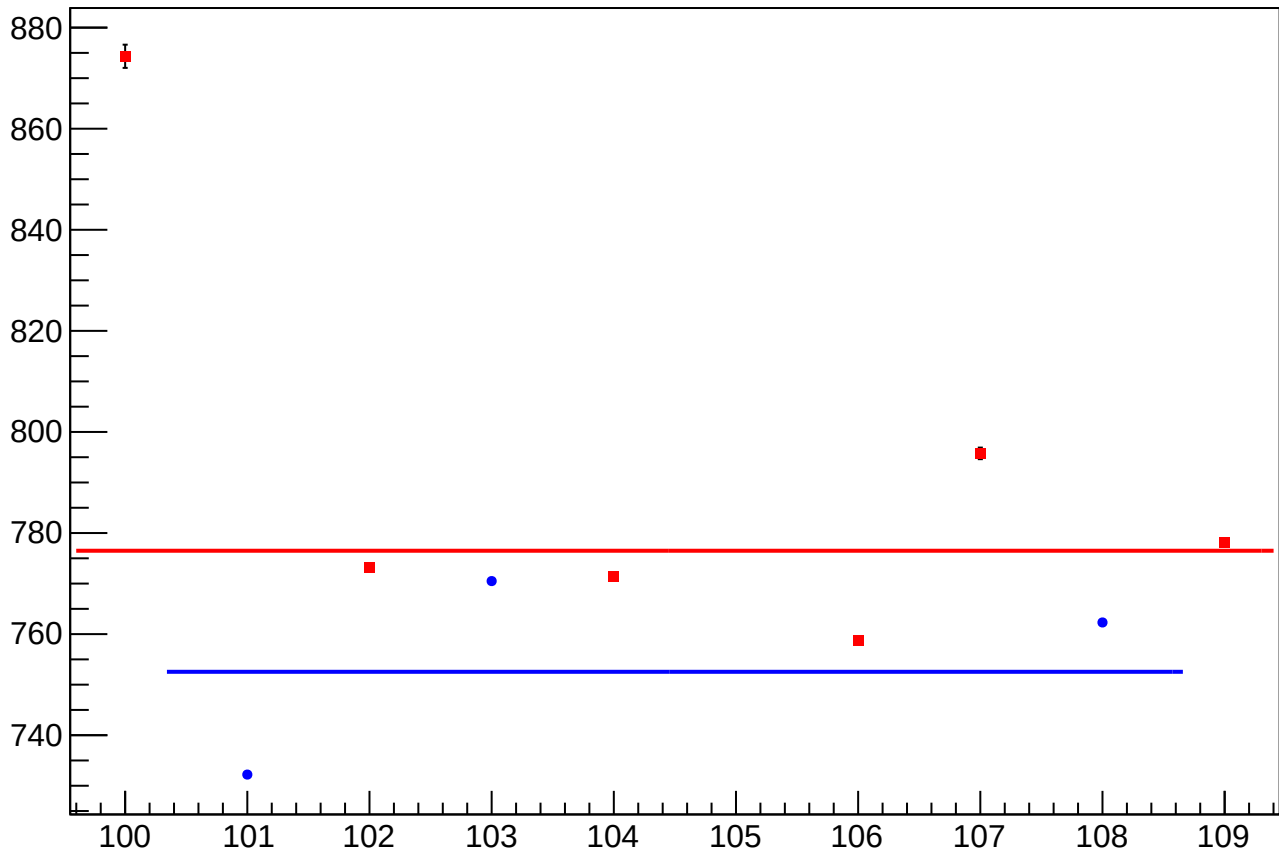
reg_asym_us_avg_mean vs Slug



Right In: 2103.757 $\pm$ 584.594 χ^2 /NDF: 0.8/2
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: -1698.044 $\pm$ 505.967 χ^2 /NDF: 1.9/5
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: -69.827 $\pm$ 382.574 χ^2 /NDF: 26.8/8
- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_rms vs Slug



Right In: 752.545 $\pm$ 0.413 χ^2 /NDF: 1800.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 776.497 $\pm$ 0.358 χ^2 /NDF: 2523.3/5

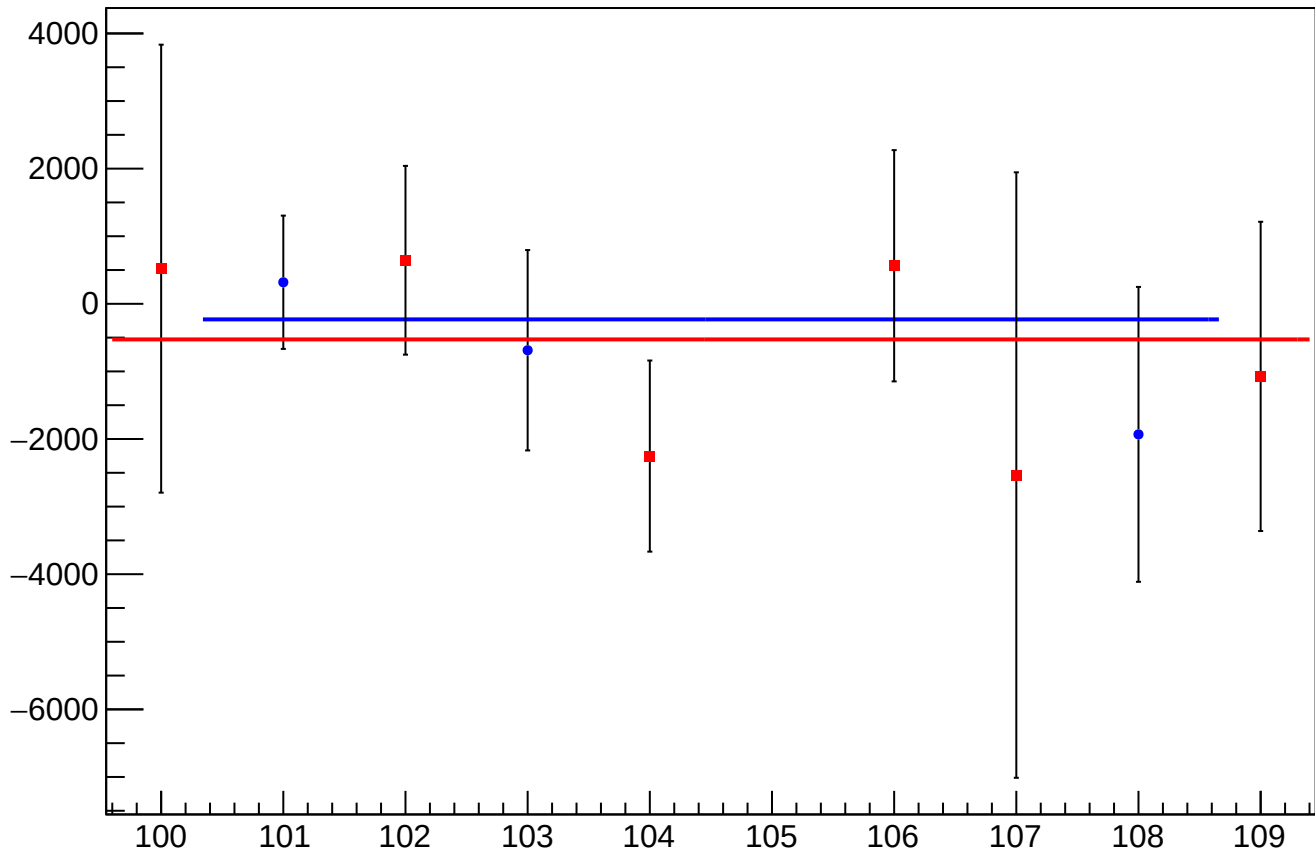
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 766.239 $\pm$ 0.271 χ^2 /NDF: 6243.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_reg_correction_mean vs Slug



Right In: -230.554+/-768.337 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -526.638+/-769.946 χ^2/NDF : 3.0/5

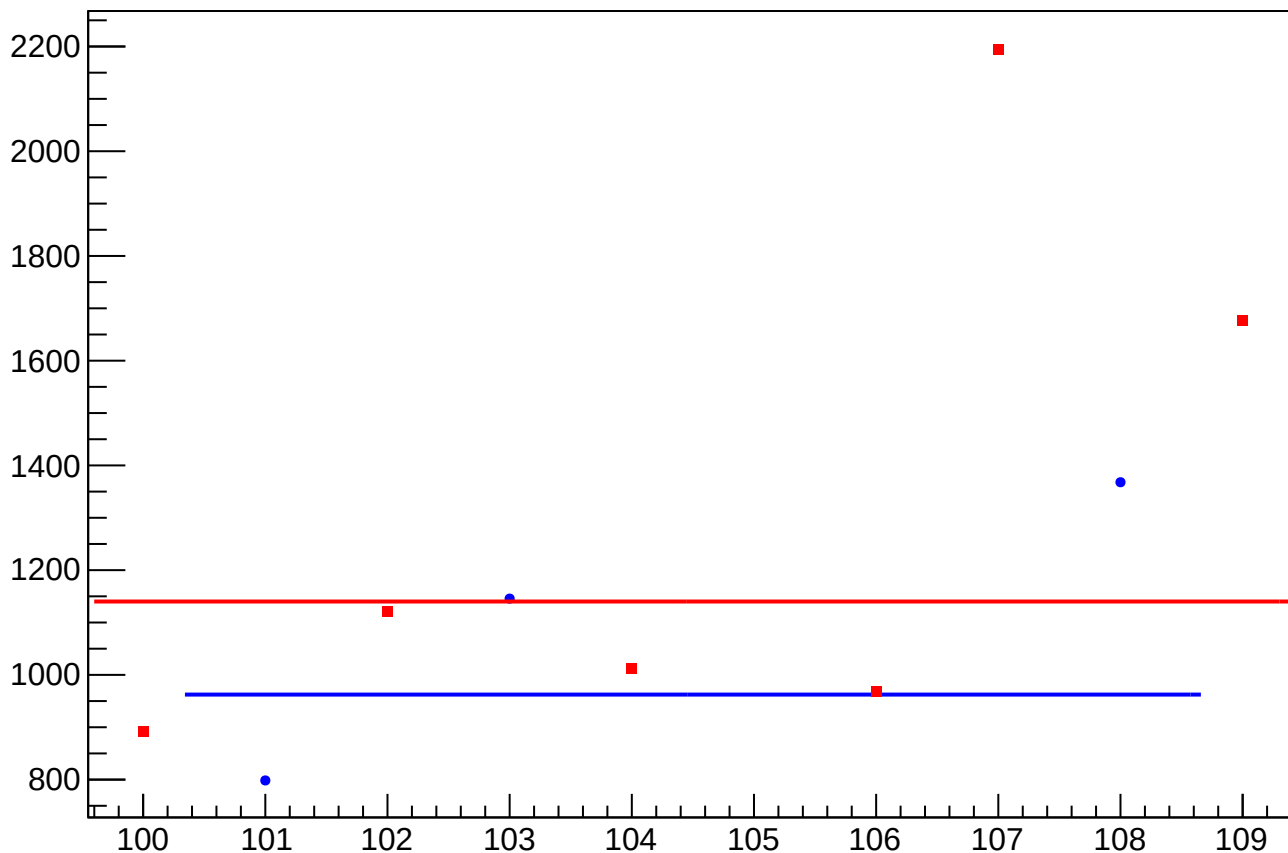
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -378.287+/-543.864 χ^2/NDF : 4.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_rms vs Slug



Right In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1140.102+/-0.544 χ^2/NDF : 269301.3/5

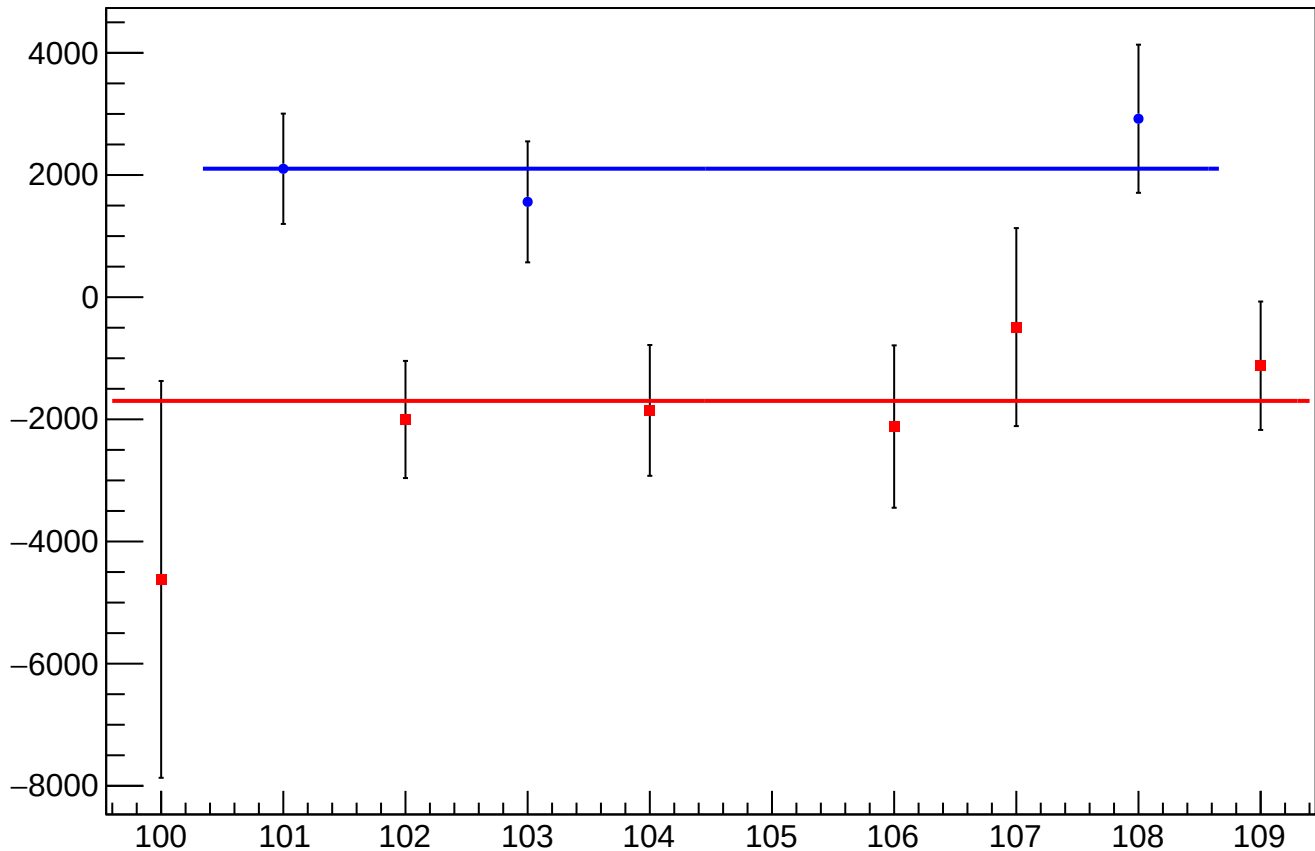
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1051.053+/-0.385 χ^2/NDF : 477684.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_mean vs Slug



Right In: 2103.757 $\pm$ 584.594 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1698.044 $\pm$ 505.967 χ^2 /NDF: 1.9/5

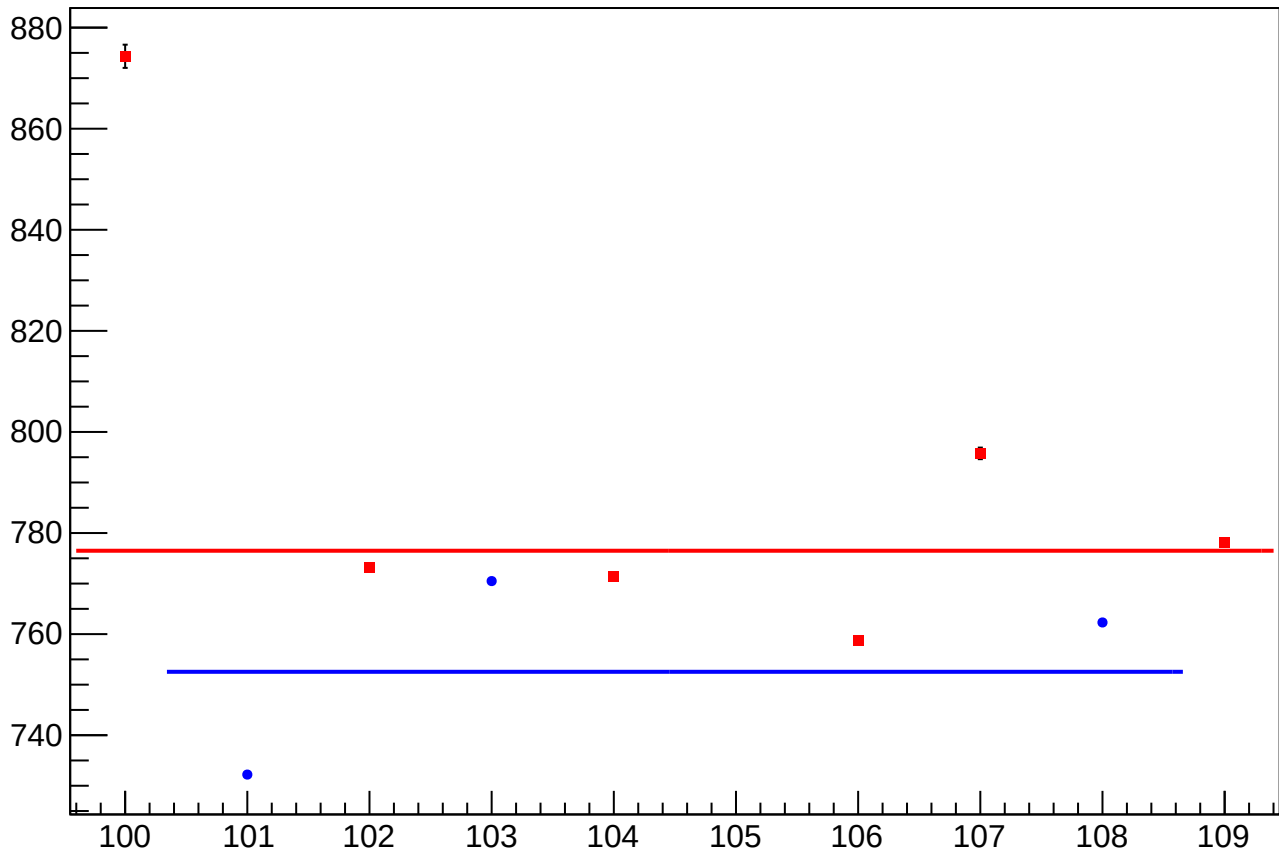
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.827 $\pm$ 382.574 χ^2 /NDF: 26.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_rms vs Slug



Right In: 752.545 $\pm$ 0.413 χ^2 /NDF: 1800.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 776.497 $\pm$ 0.358 χ^2 /NDF: 2523.3/5

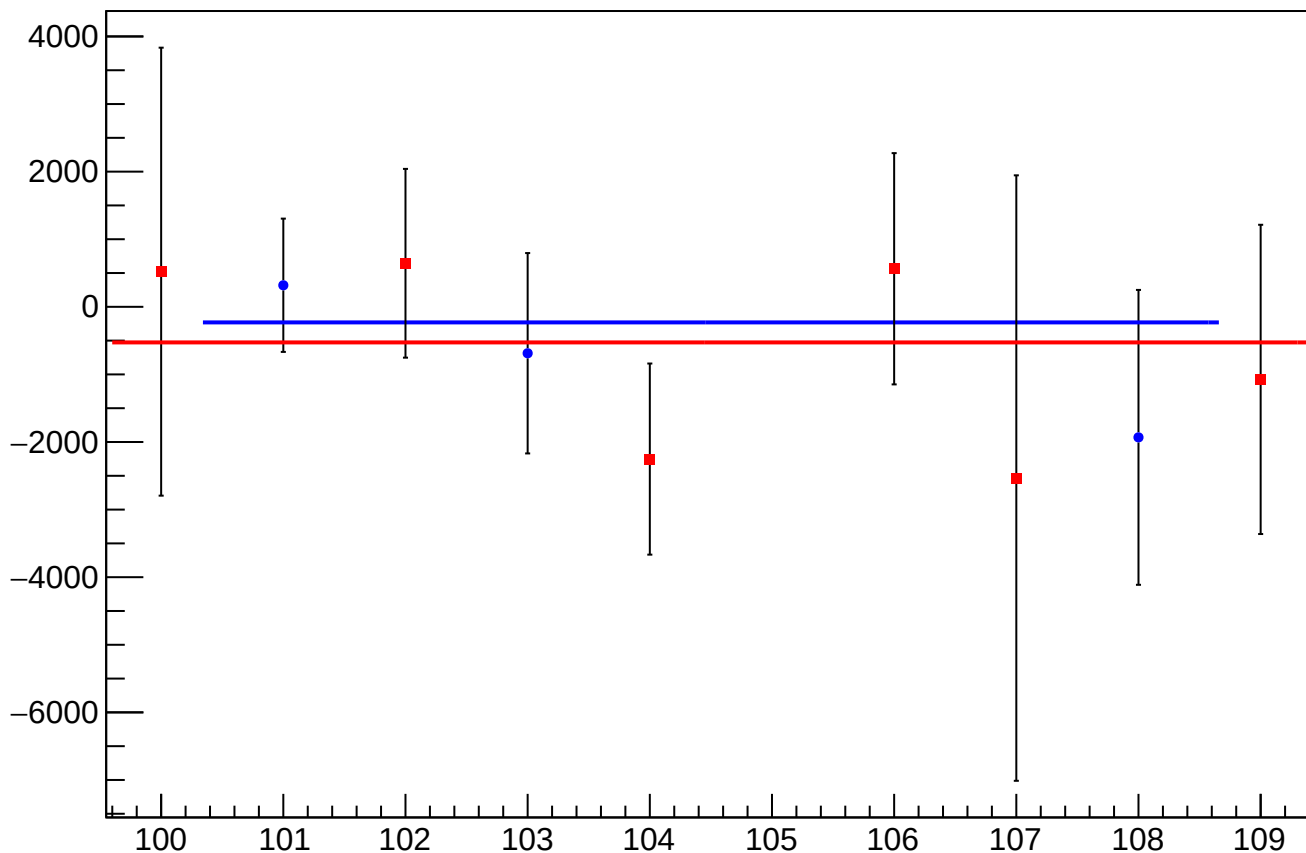
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 766.239 $\pm$ 0.271 χ^2 /NDF: 6243.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_cor_correction_mean vs Slug



Right In: -230.554 $\pm$ 768.337 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -526.638 $\pm$ 769.946 χ^2 /NDF: 3.0/5

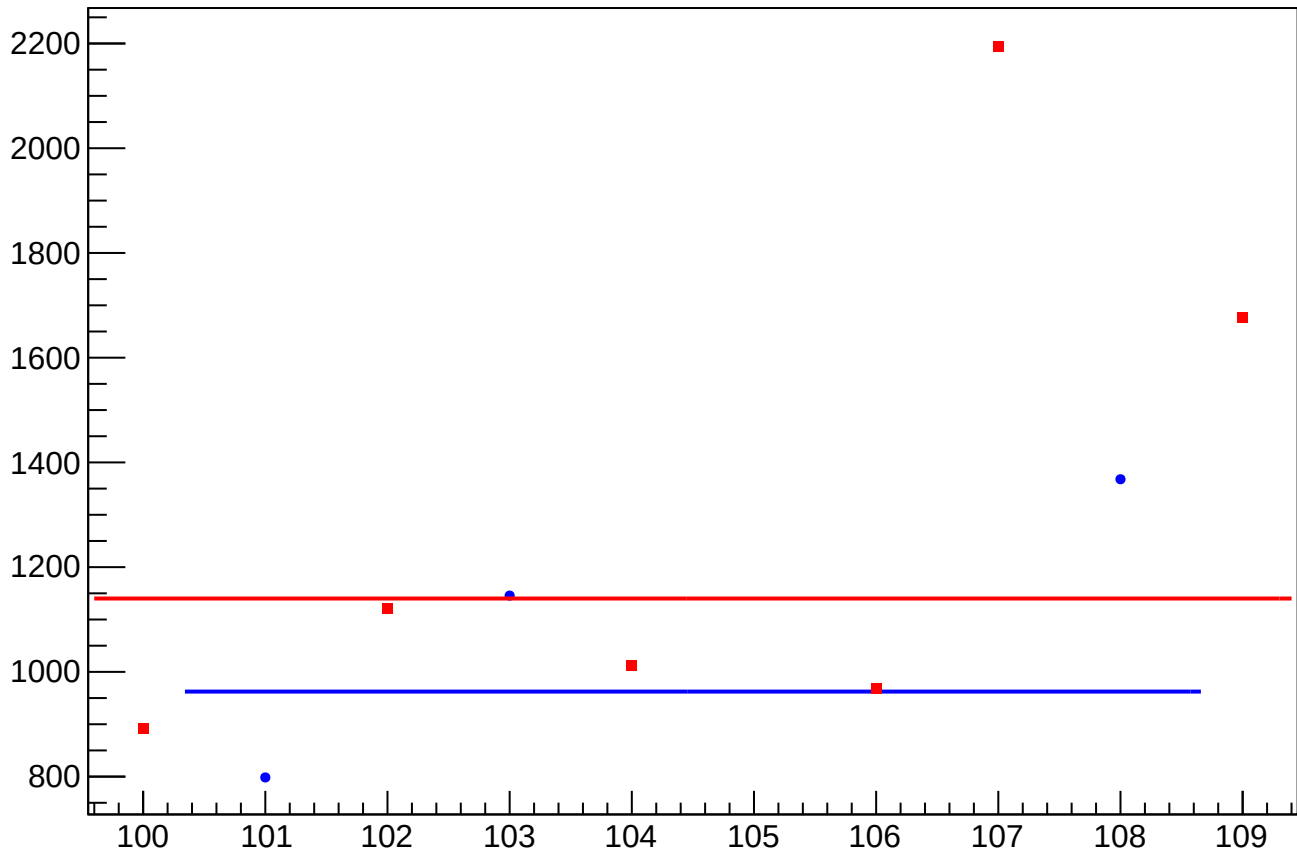
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -378.287 $\pm$ 543.864 χ^2 /NDF: 4.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1140.102+/-0.544 χ^2/NDF : 269301.3/5

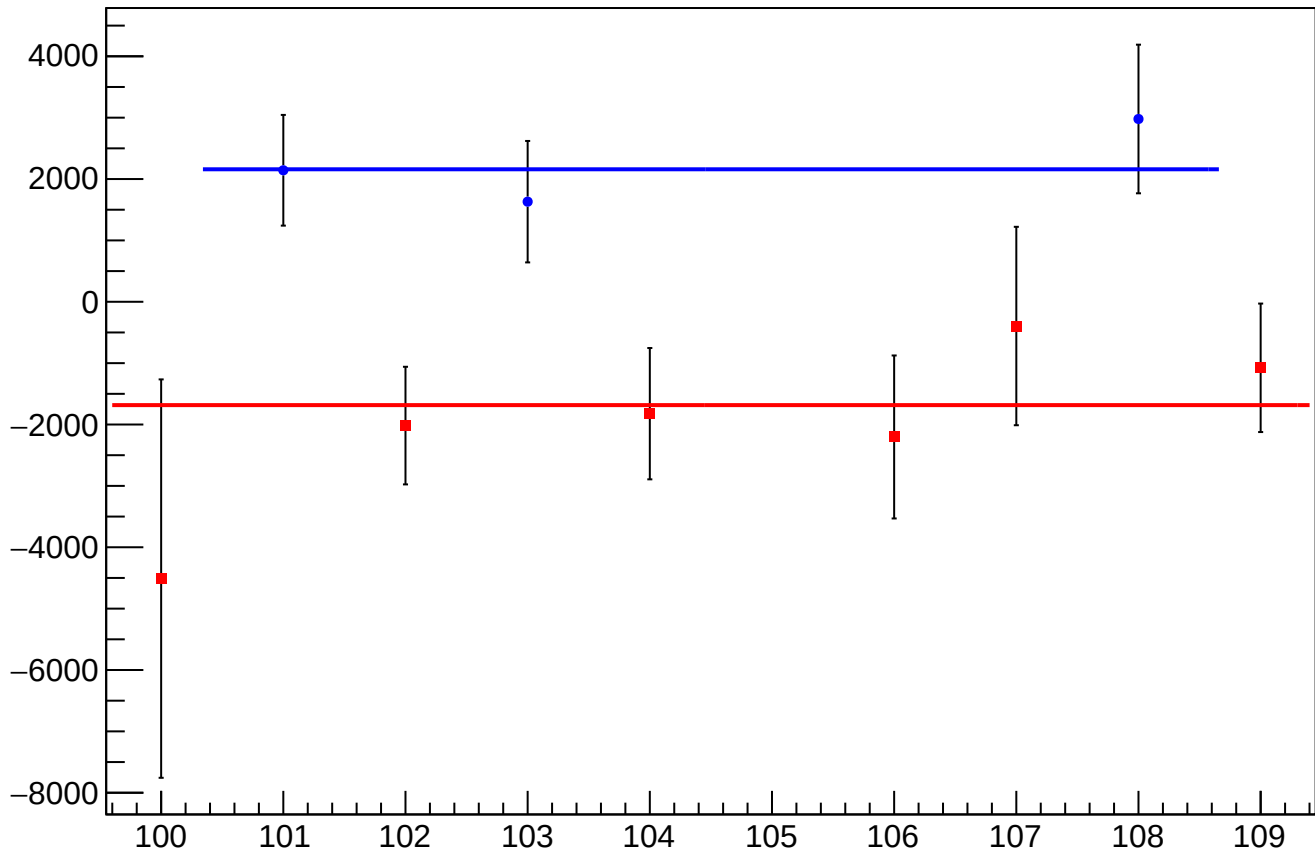
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1051.053+/-0.385 χ^2/NDF : 477684.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_avg_mean vs Slug



Right In: 2158.856 $\pm$ 583.981 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1683.827 $\pm$ 505.106 χ^2 /NDF: 2.0/5

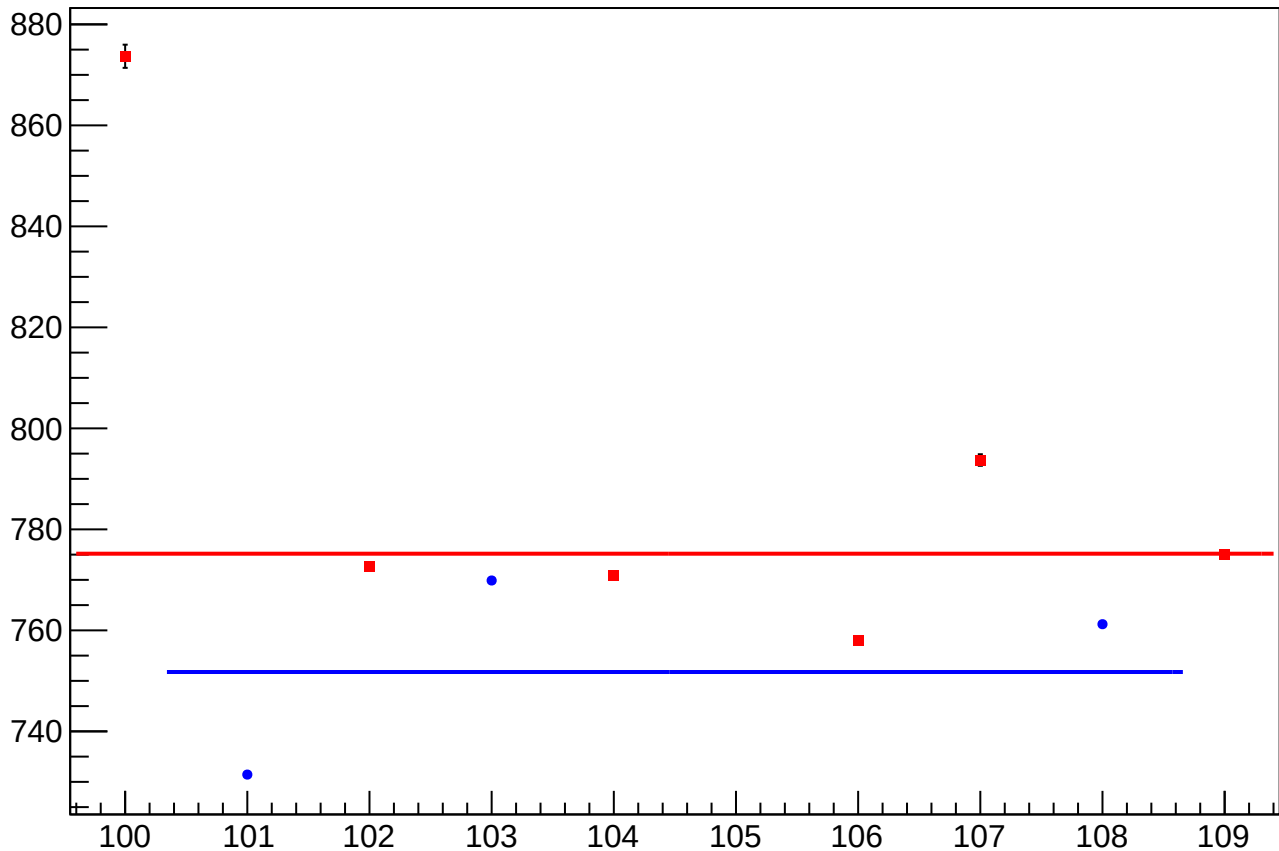
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.331 $\pm$ 382.030 χ^2 /NDF: 27.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

overload_cor_asym_us_avg_rms vs Slug



Right In: 751.755 $\pm$ 0.413 χ^2 /NDF: 1807.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 775.181 $\pm$ 0.357 χ^2 /NDF: 2483.4/5

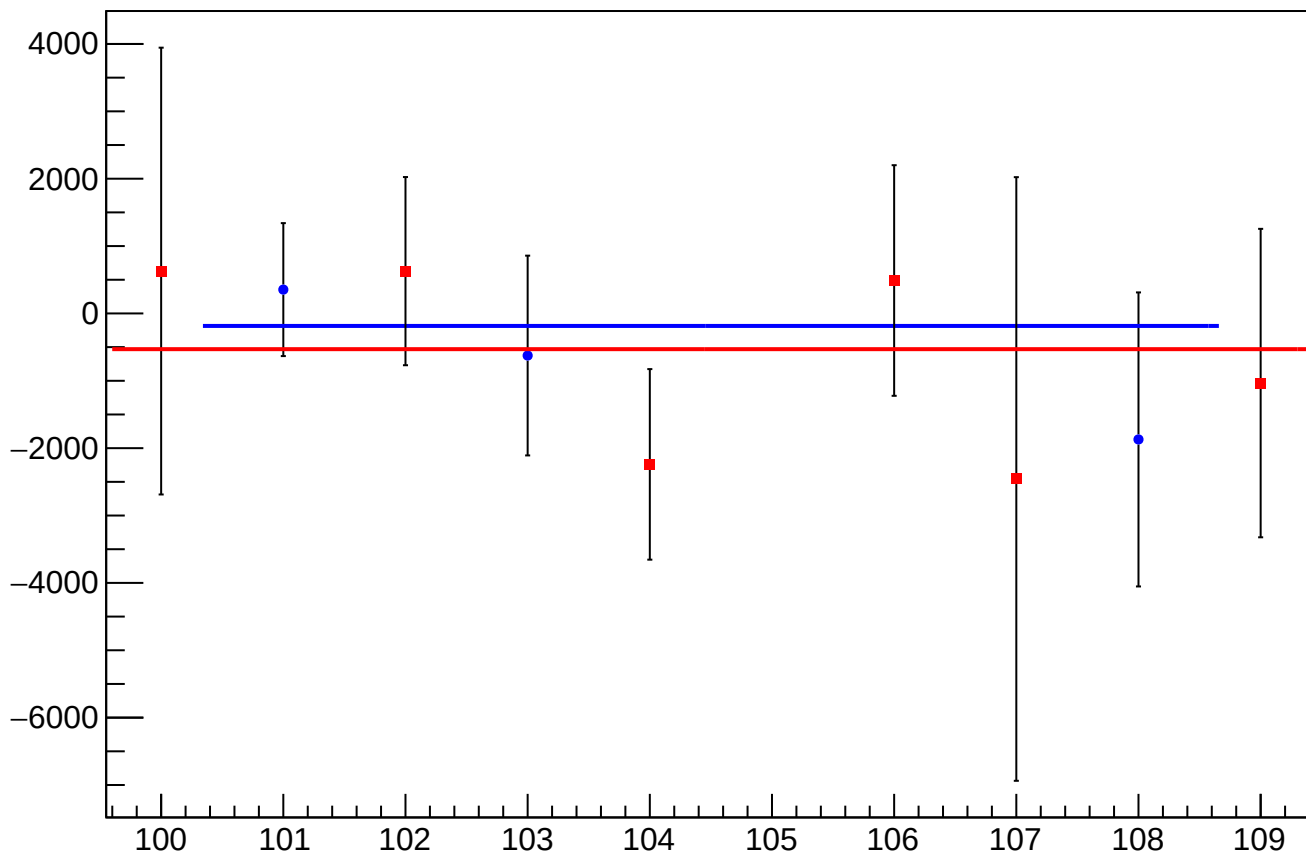
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 765.156 $\pm$ 0.270 χ^2 /NDF: 6131.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_overload_cor_correction_mean vs Slug



Right In: -185.512+/-768.870 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.351+/-770.320 χ^2/NDF : 2.9/5

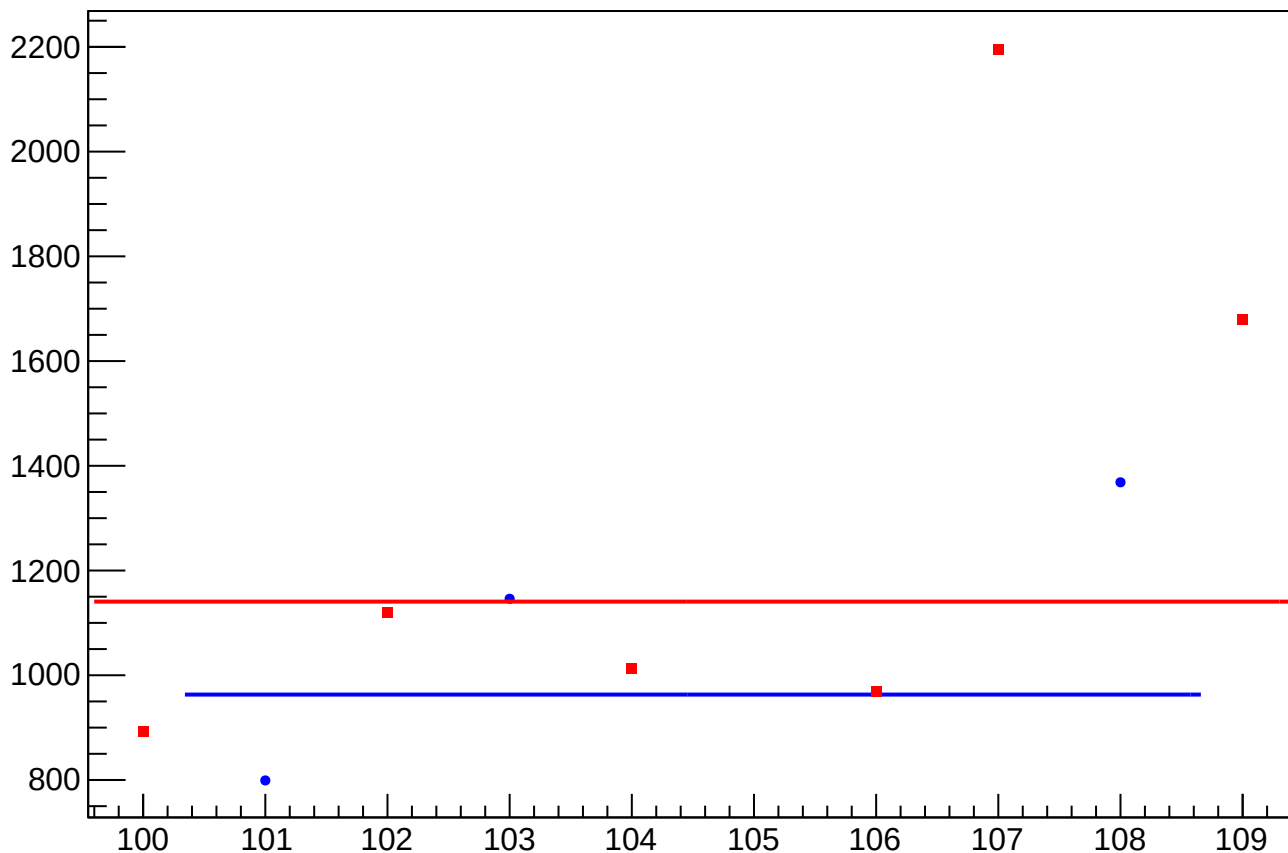
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.607+/-544.185 χ^2/NDF : 3.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 963.096 $\pm$ 0.544 χ^2 /NDF: 154672.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1140.651 $\pm$ 0.545 χ^2 /NDF: 269371.5/5

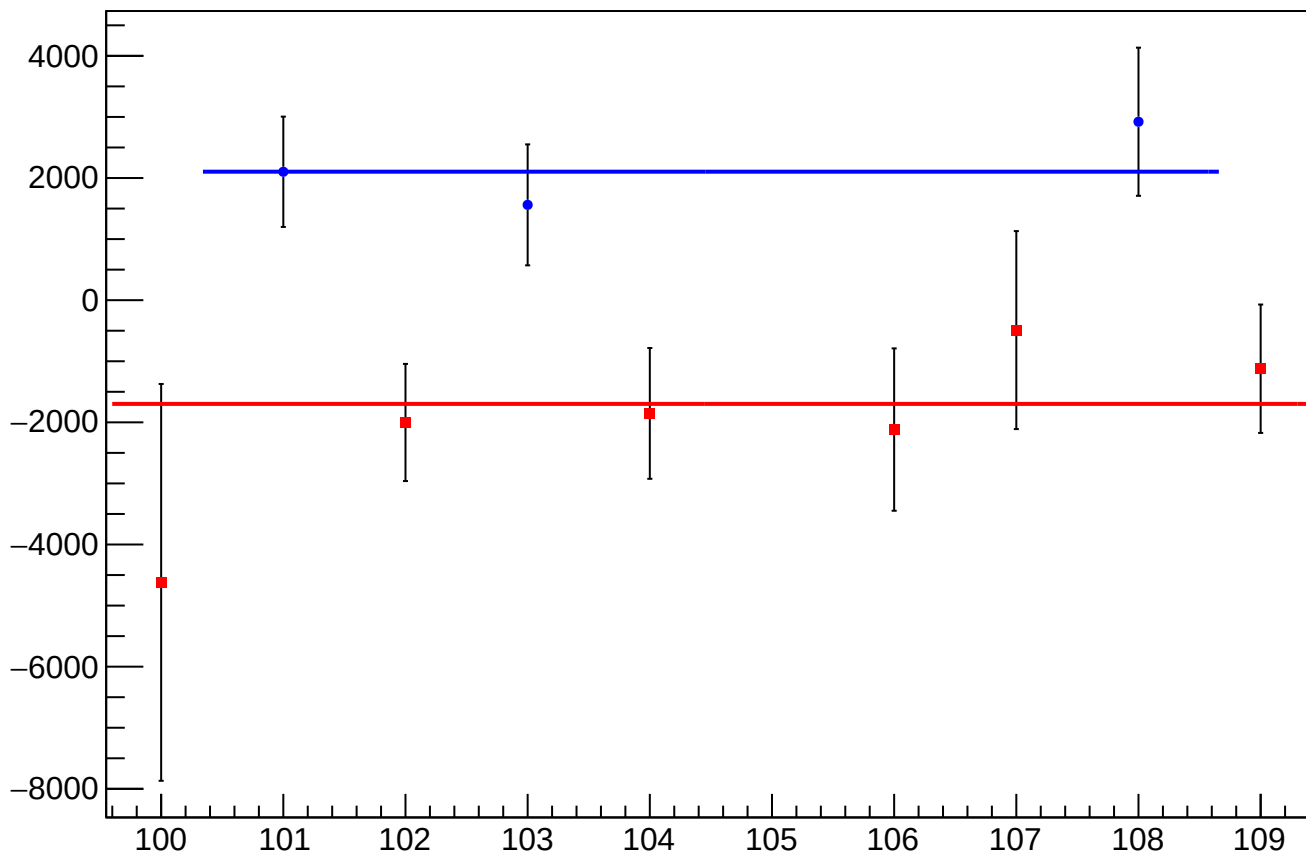
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1051.706 $\pm$ 0.385 χ^2 /NDF: 477271.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2103.757 $\pm$ 584.594 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1698.044 $\pm$ 505.967 χ^2 /NDF: 1.9/5

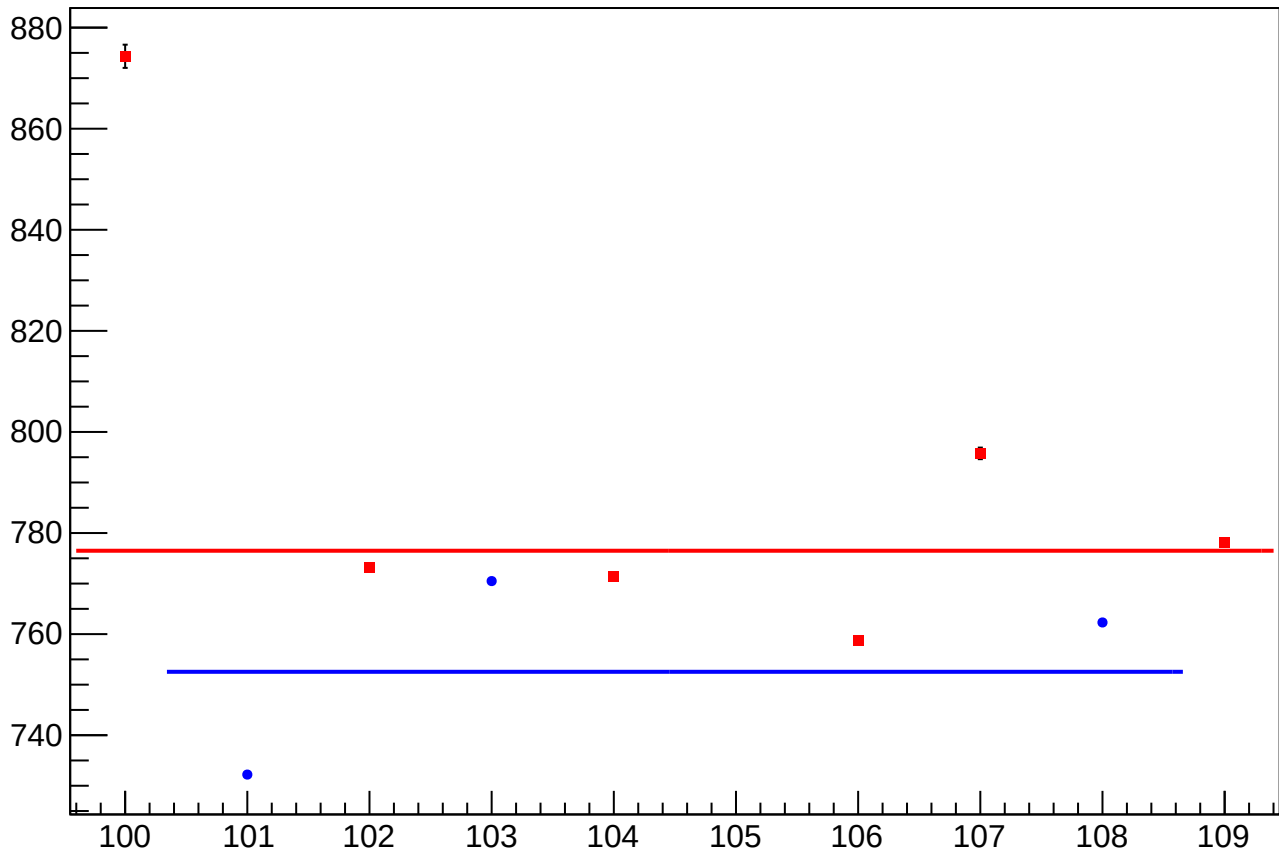
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.827 $\pm$ 382.574 χ^2 /NDF: 26.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_rms vs Slug



Right In: 752.545 $\pm$ 0.413 χ^2 /NDF: 1800.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 776.497 $\pm$ 0.358 χ^2 /NDF: 2523.3/5

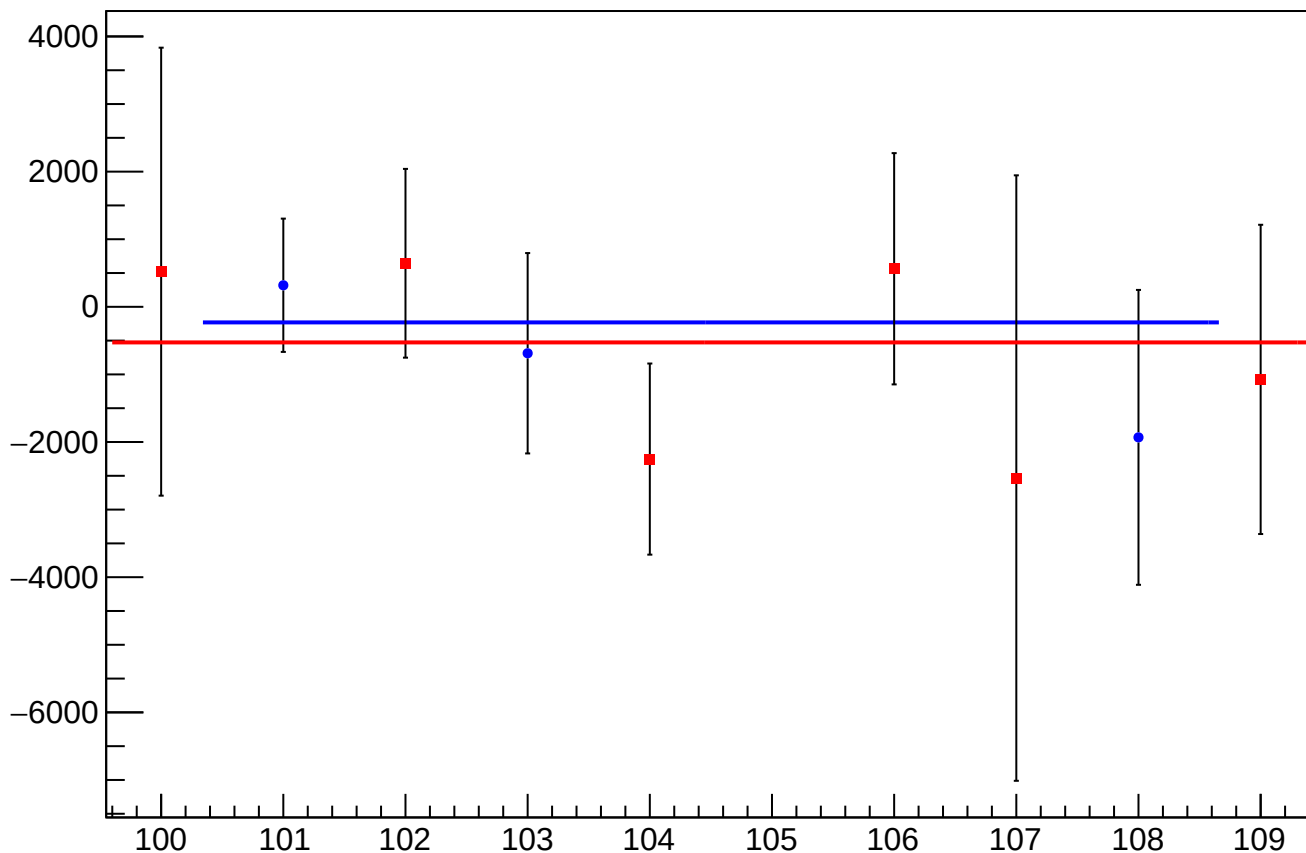
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 766.239 $\pm$ 0.271 χ^2 /NDF: 6243.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_cor_correction_mean vs Slug



Right In: -230.554+/-768.337 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -526.638+/-769.946 χ^2 /NDF: 3.0/5

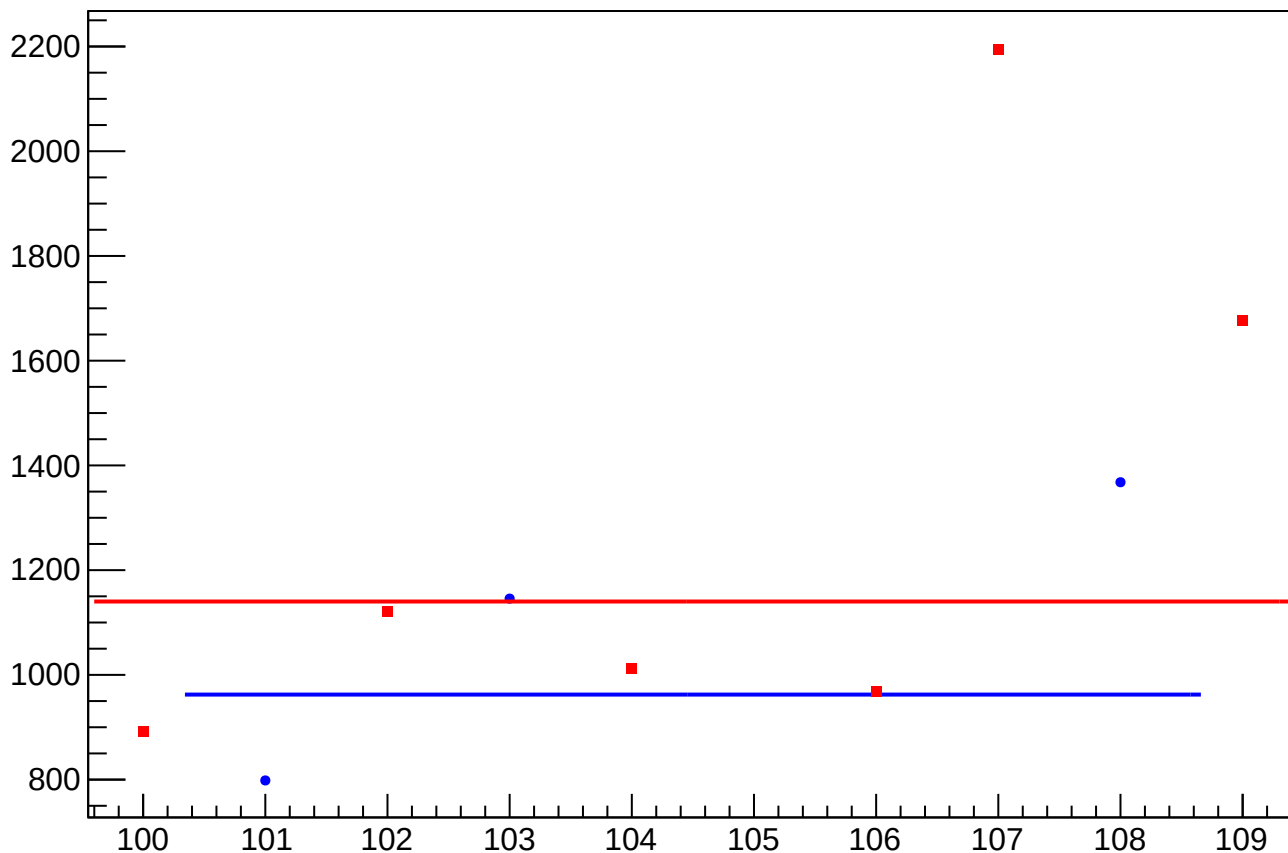
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -378.287+/-543.864 χ^2 /NDF: 4.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 962.376+/-0.543 χ^2/NDF : 154989.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1140.102+/-0.544 χ^2/NDF : 269301.3/5

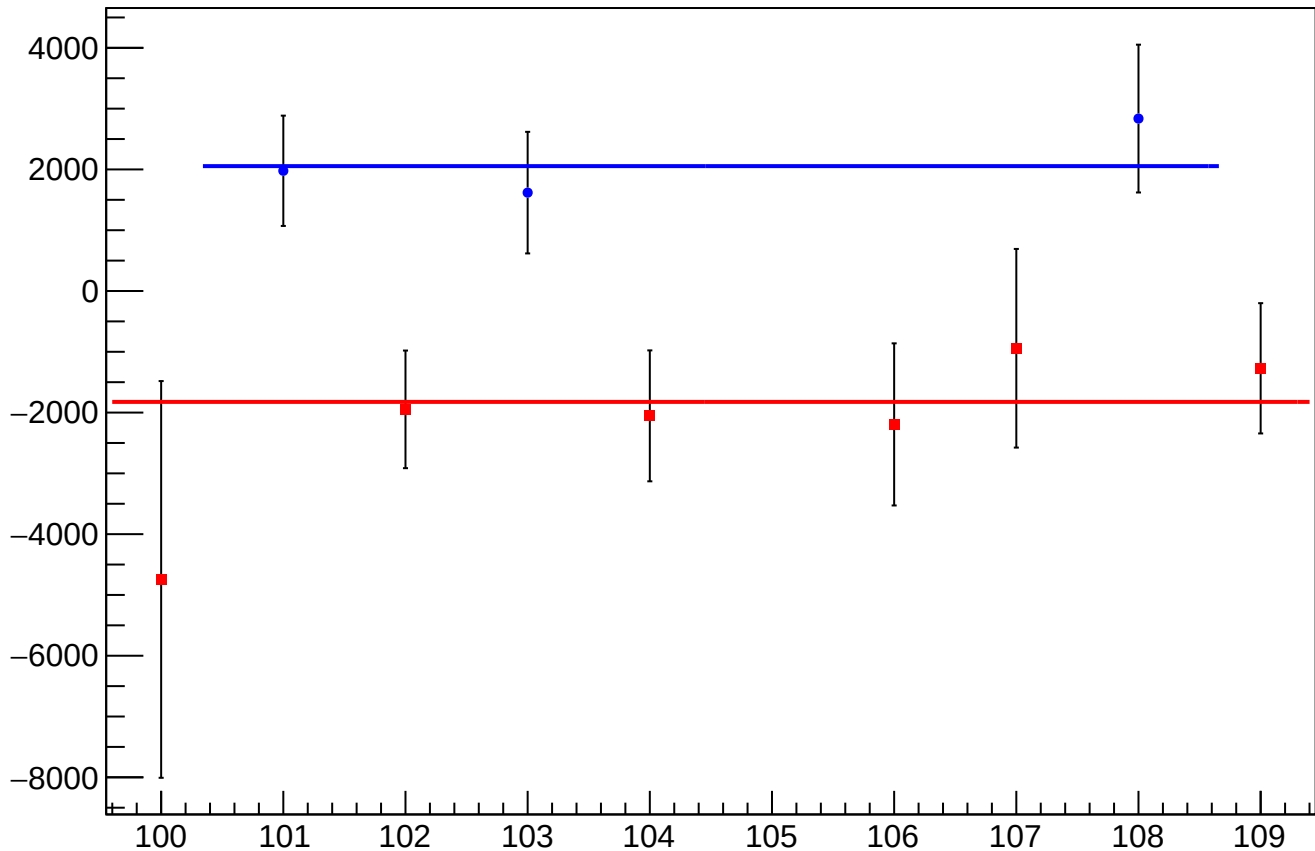
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1051.053+/-0.385 χ^2/NDF : 477684.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_mean vs Slug



Right In: 2054.302 $\pm$ 588.138 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1824.275 $\pm$ 510.828 χ^2 /NDF: 1.5/5

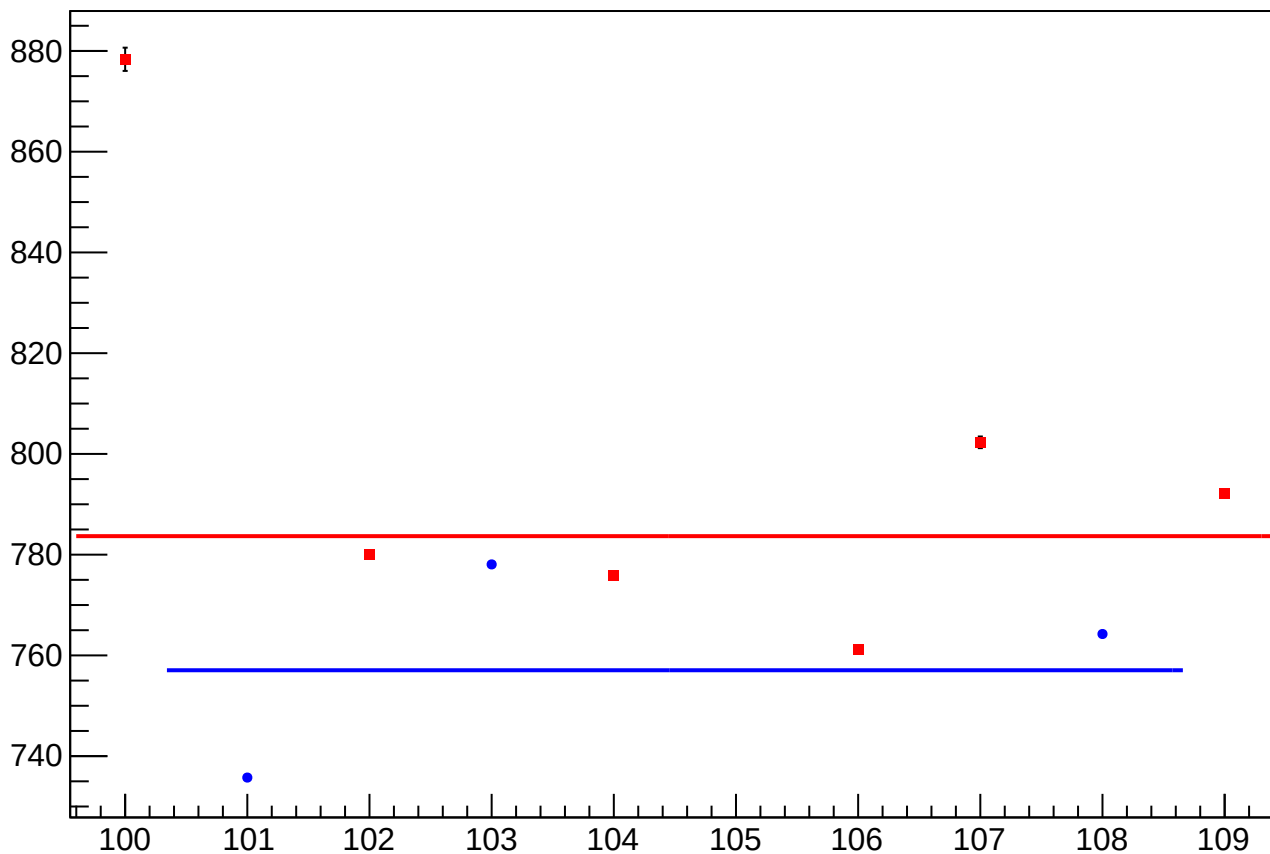
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -156.492 $\pm$ 385.667 χ^2 /NDF: 26.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_rms vs Slug



Right In: 757.051 $\pm$ 0.416 χ^2 /NDF: 2055.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 783.675 $\pm$ 0.361 χ^2 /NDF: 2769.9/5

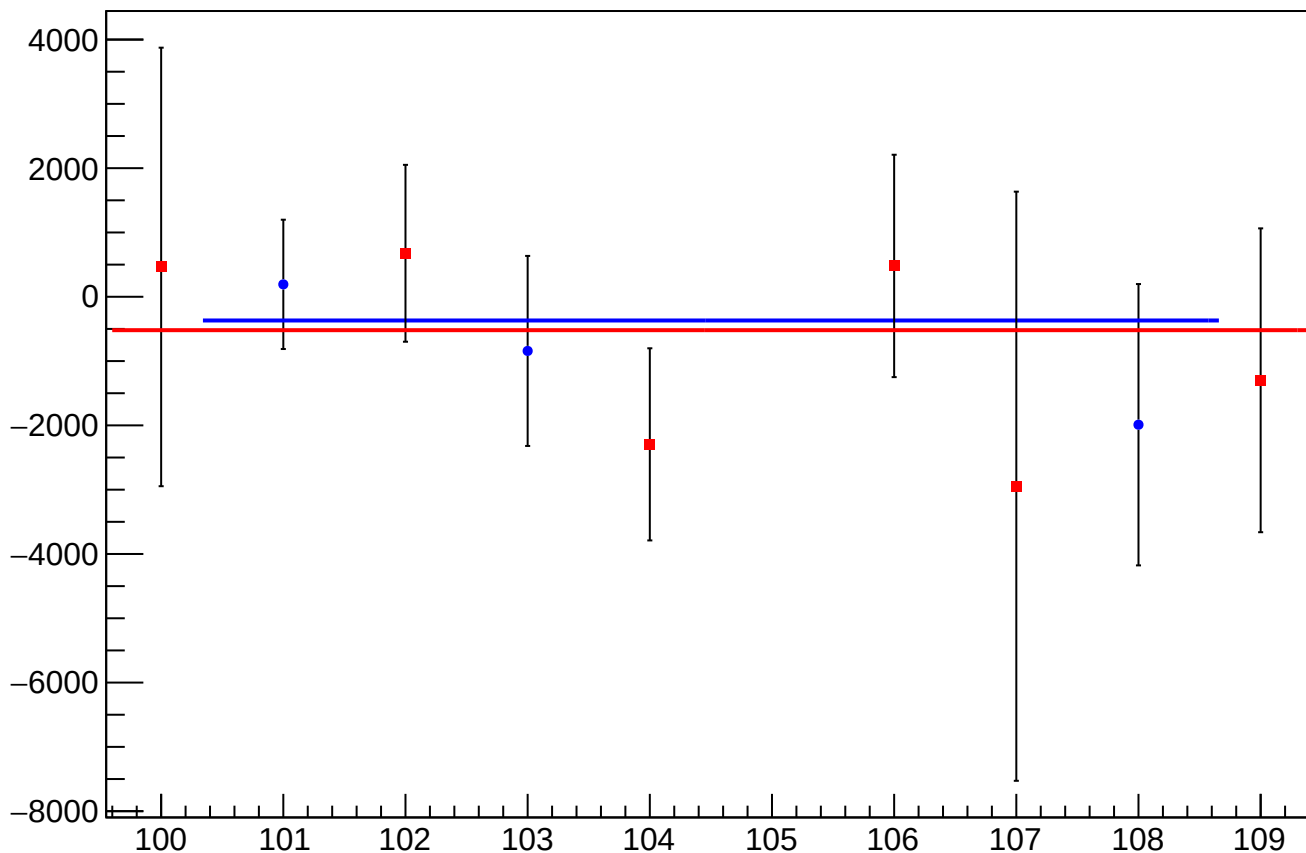
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 772.227 $\pm$ 0.273 χ^2 /NDF: 7161.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_dit_correction_mean vs Slug



Right In: -368.701+/-777.098 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -519.444+/-784.755 χ^2 /NDF: 3.0/5

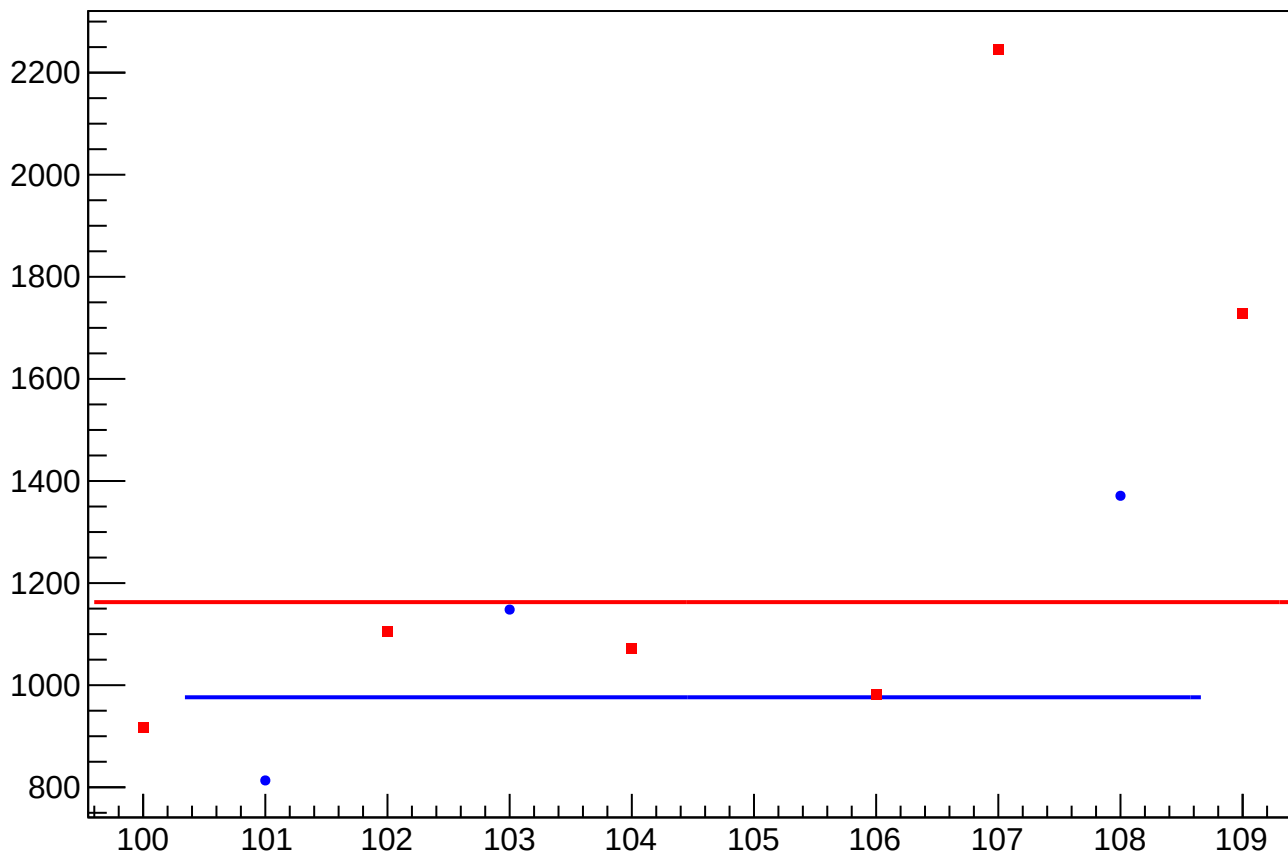
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -443.334+/-552.179 χ^2 /NDF: 4.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 976.312+/-0.549 χ^2/NDF : 144632.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1162.717+/-0.555 χ^2/NDF : 269346.1/5

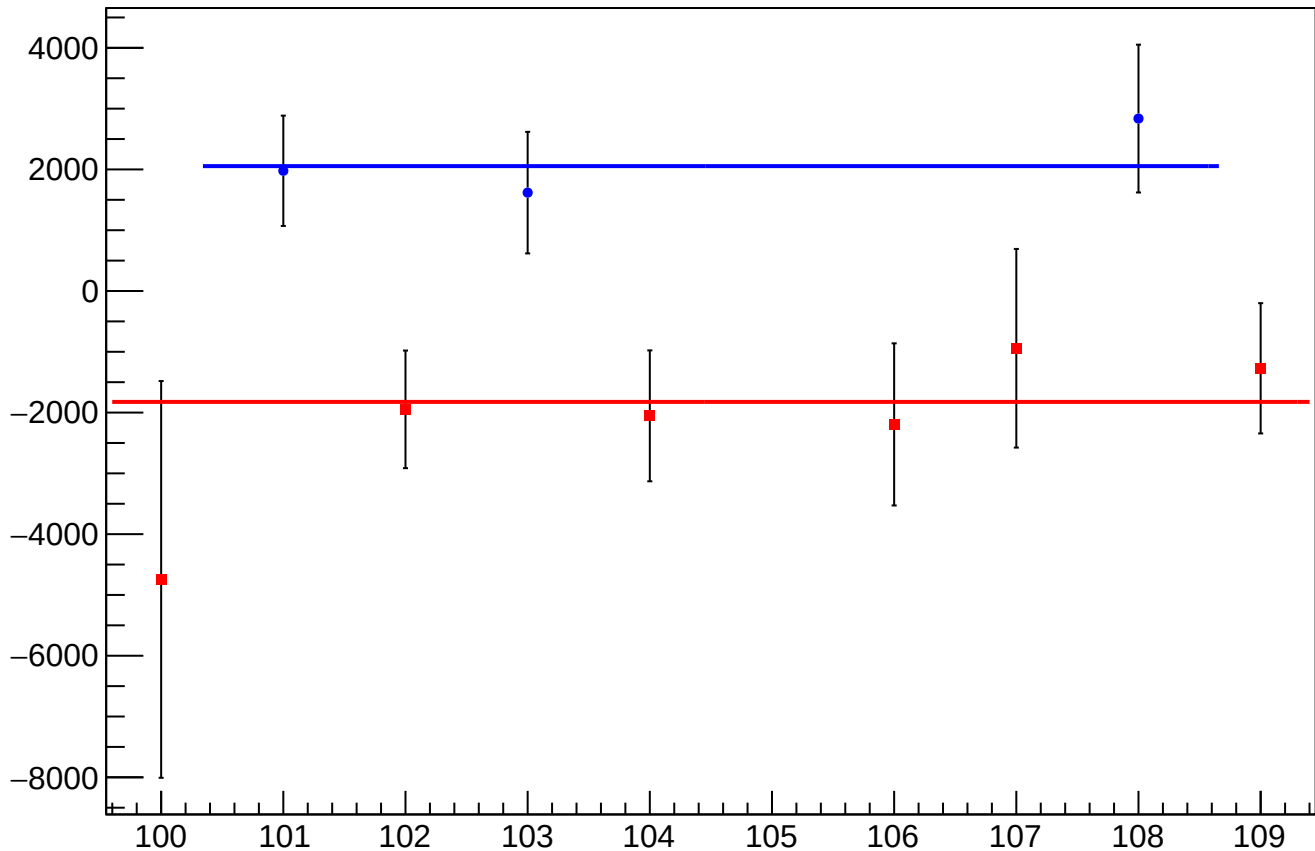
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.600+/-0.390 χ^2/NDF : 470953.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2054.301 $\pm$ 588.138 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1824.269 $\pm$ 510.828 χ^2 /NDF: 1.5/5

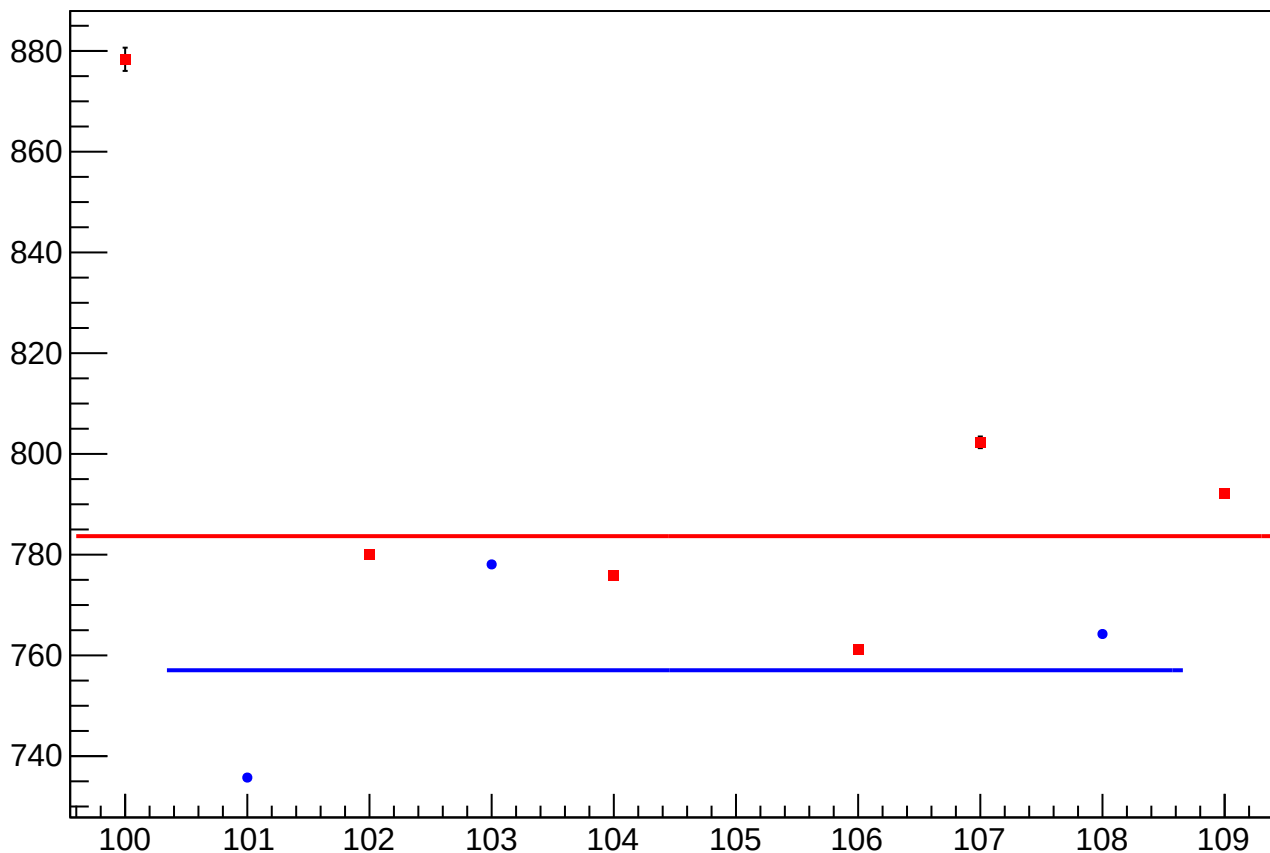
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -156.489 $\pm$ 385.667 χ^2 /NDF: 26.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_rms vs Slug



Right In: 757.051+/-0.416 χ^2/NDF : 2055.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 783.675+/-0.361 χ^2/NDF : 2769.9/5

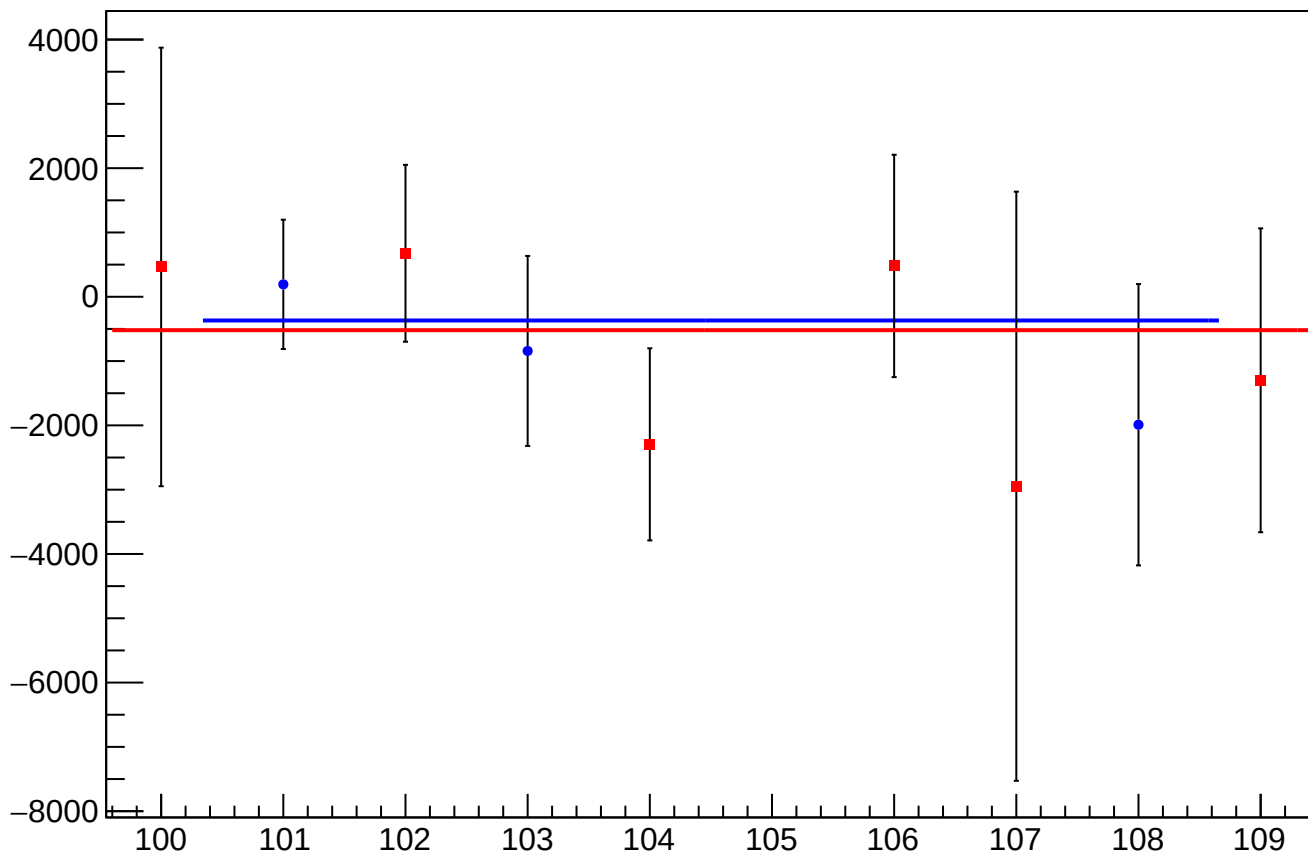
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 772.227+/-0.273 χ^2/NDF : 7161.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_mean vs Slug



Right In: -368.702+/-777.097 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -519.441+/-784.753 χ^2 /NDF: 3.0/5

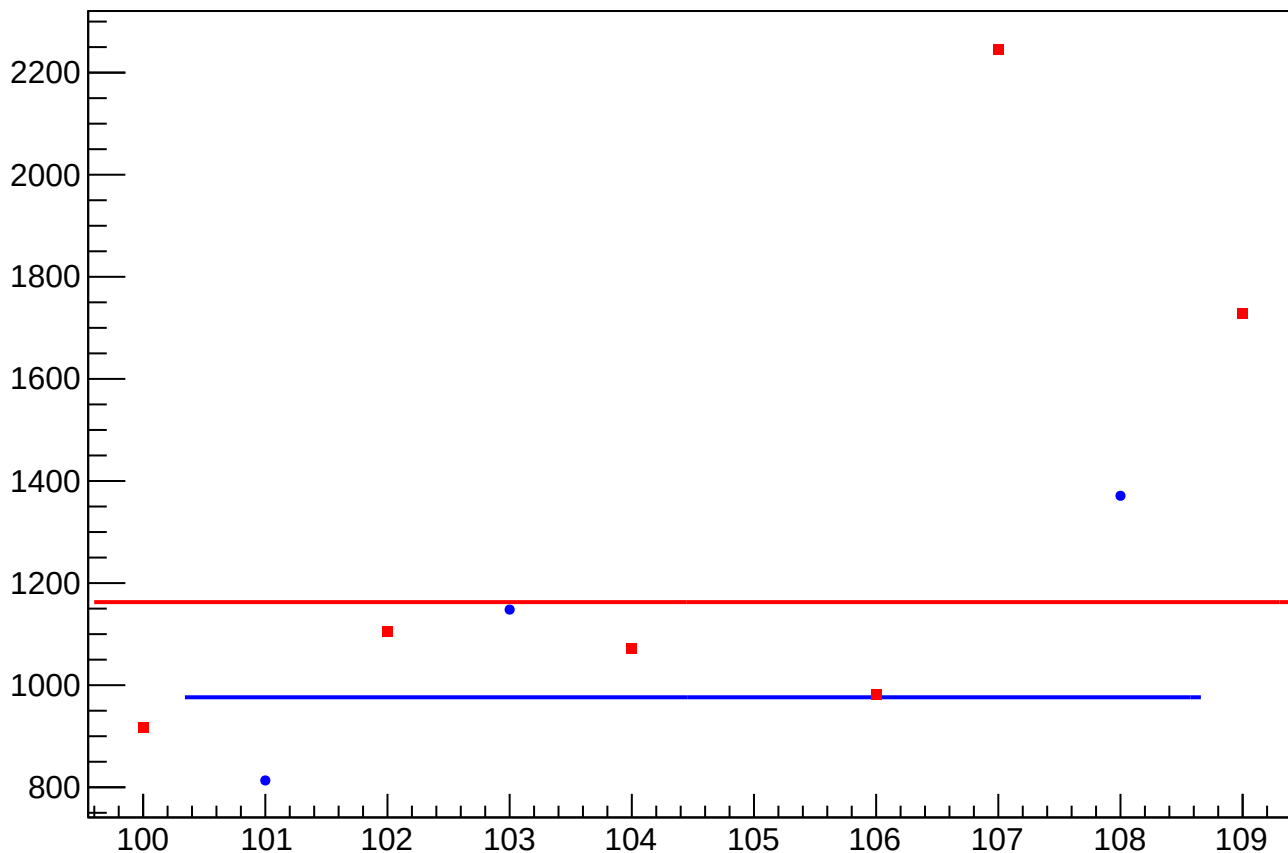
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -443.332+/-552.178 χ^2 /NDF: 4.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 976.310+/-0.549 χ^2/NDF : 144631.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1162.714+/-0.555 χ^2/NDF : 269344.6/5

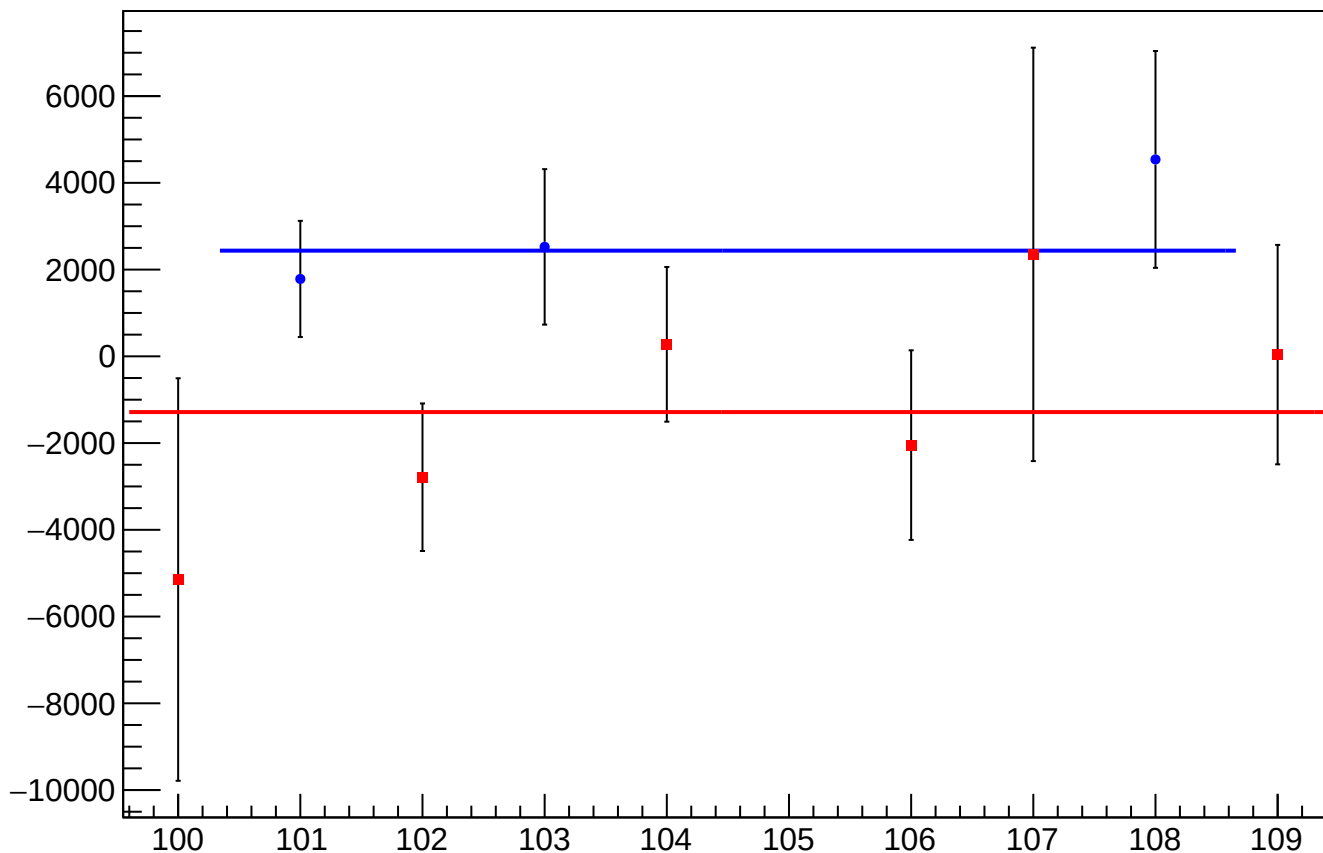
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.599+/-0.390 χ^2/NDF : 470950.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2436.662 $\pm$ 985.922 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1285.209 $\pm$ 946.634 χ^2 /NDF: 3.2/5

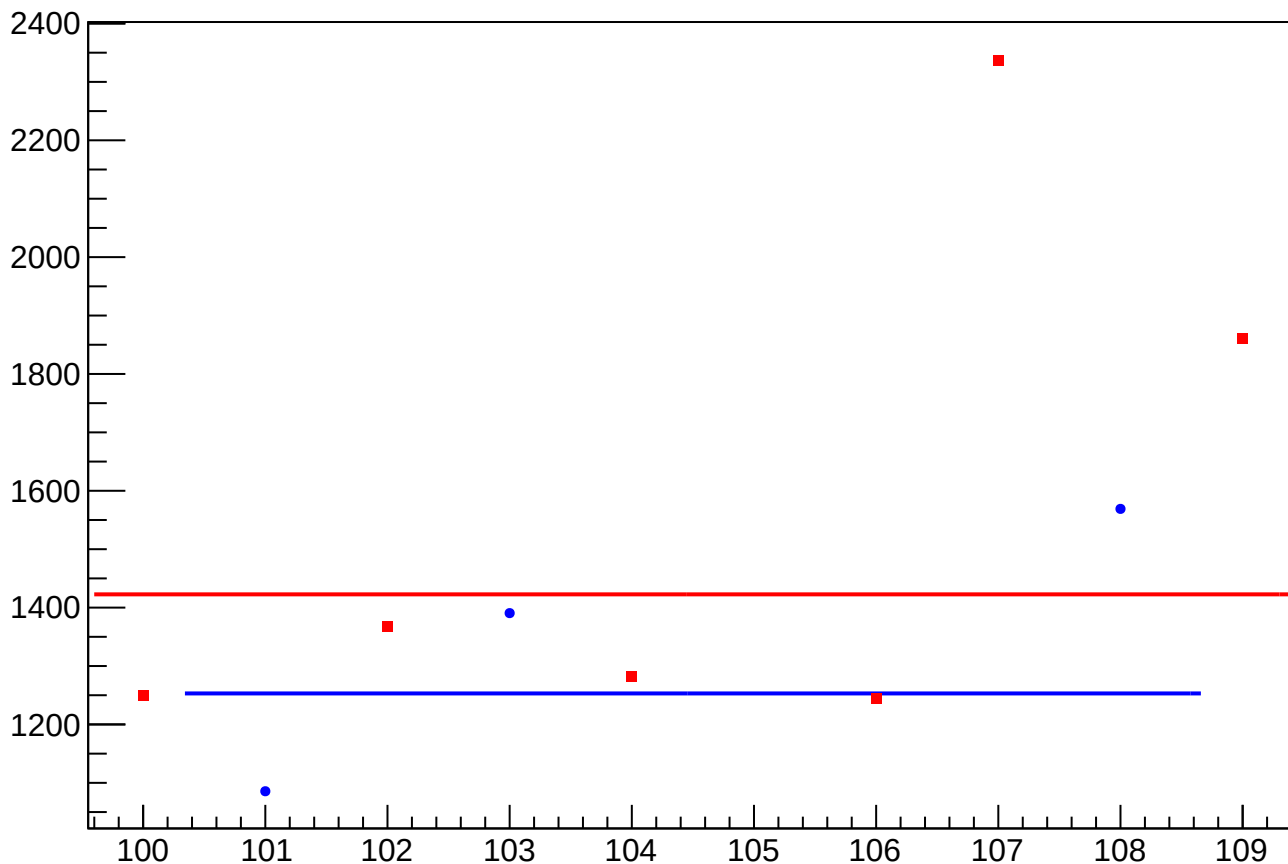
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 500.093 $\pm$ 682.838 χ^2 /NDF: 11.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_rms vs Slug



Right In: 1253.071 $\pm$ 0.697 χ^2 /NDF: 74981.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1422.694 $\pm$ 0.669 χ^2 /NDF: 164043.1/5

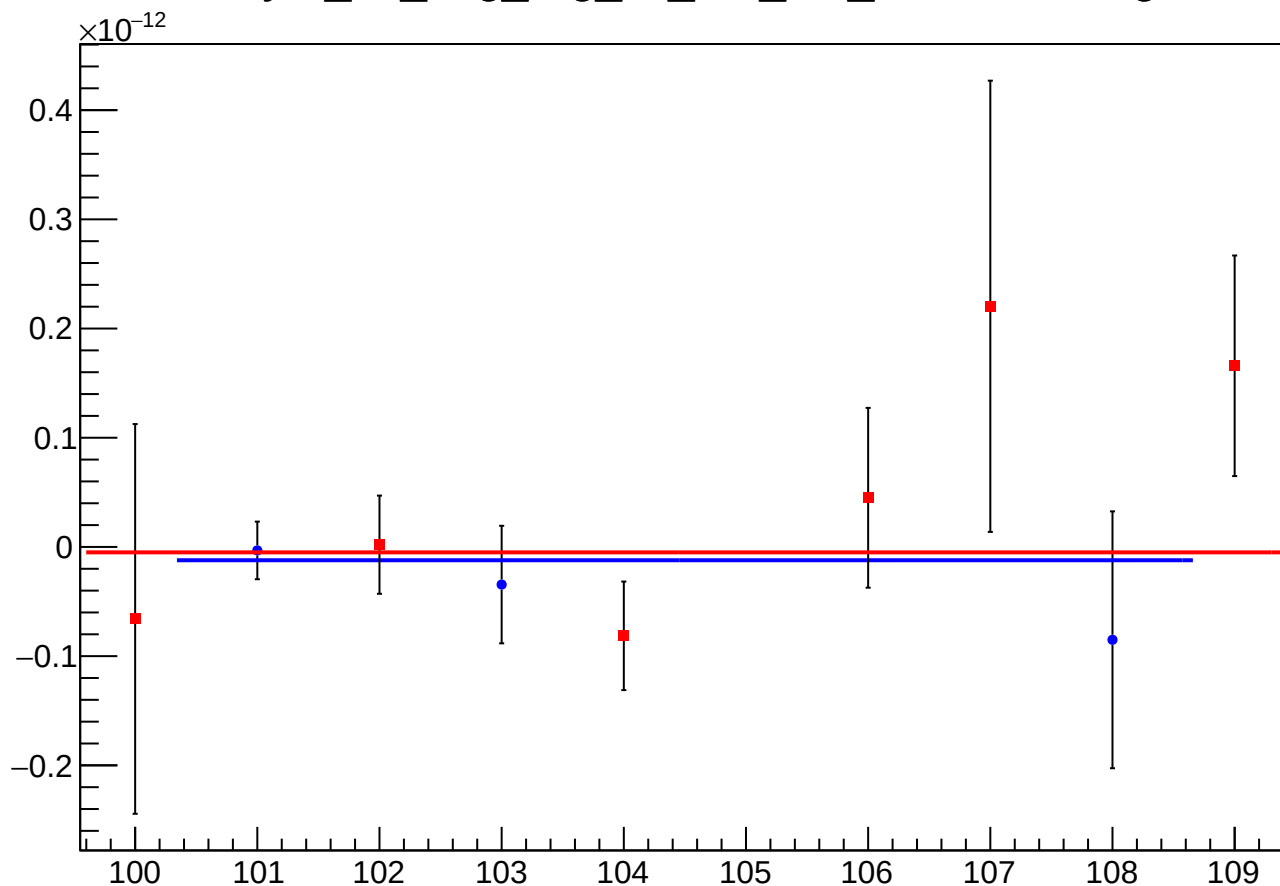
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1341.329 $\pm$ 0.483 χ^2 /NDF: 269826.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/5

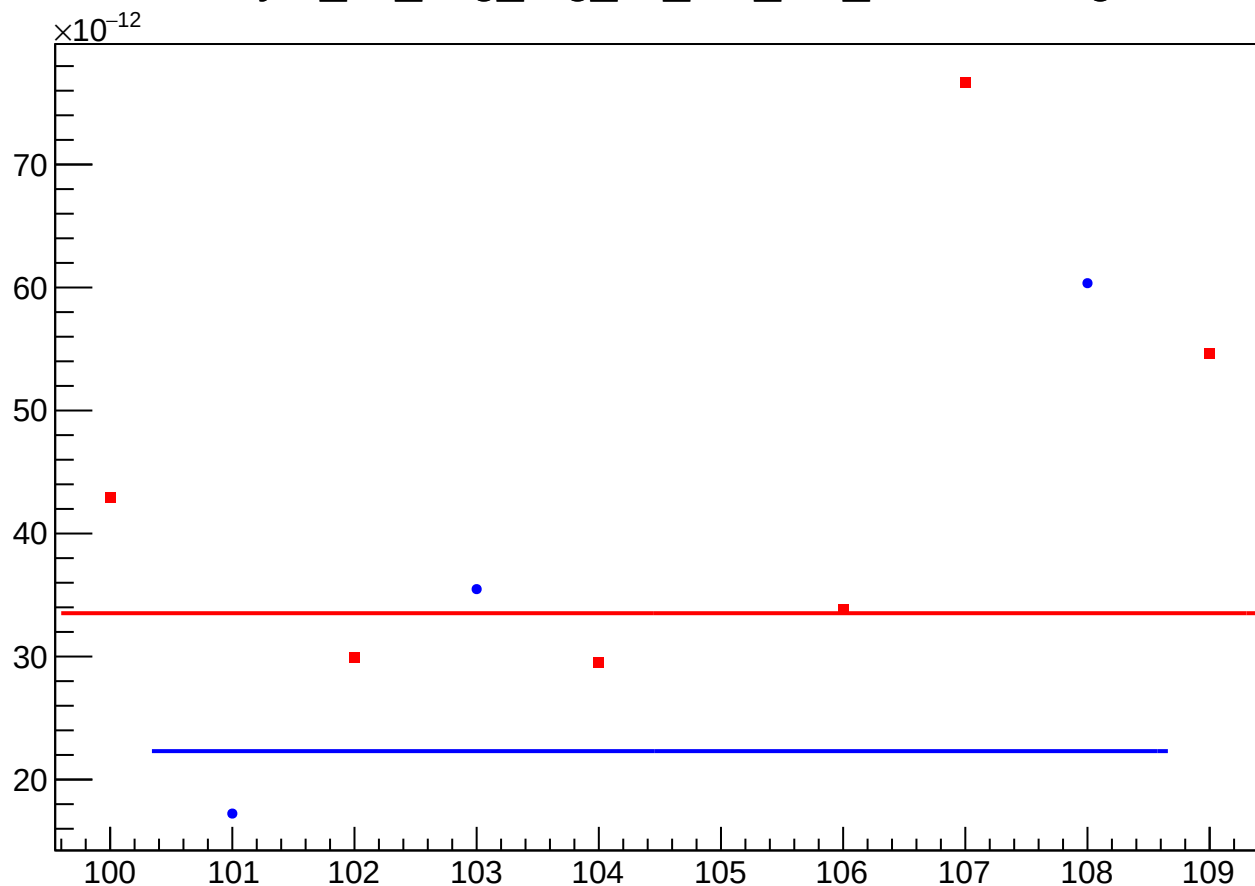
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 403027.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 206035.8/5

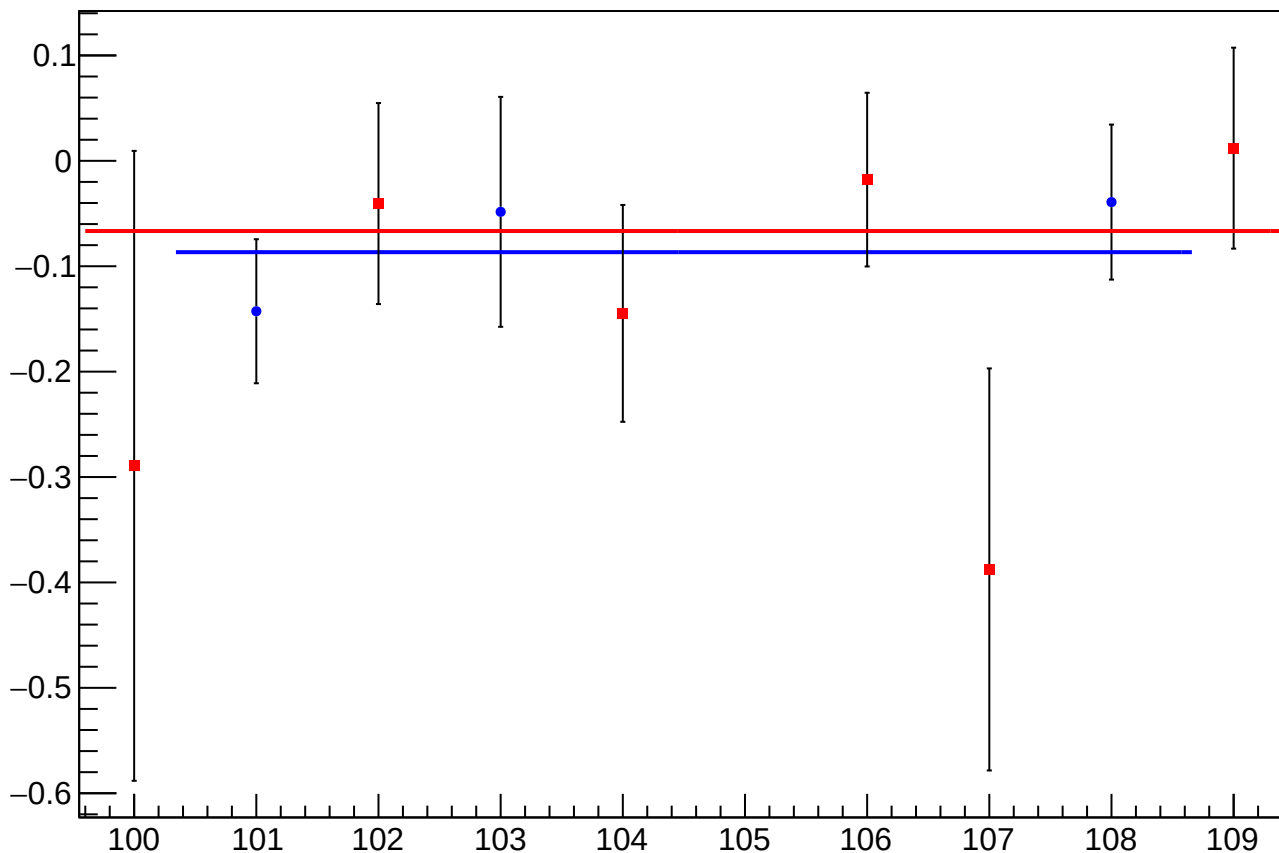
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 792240.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

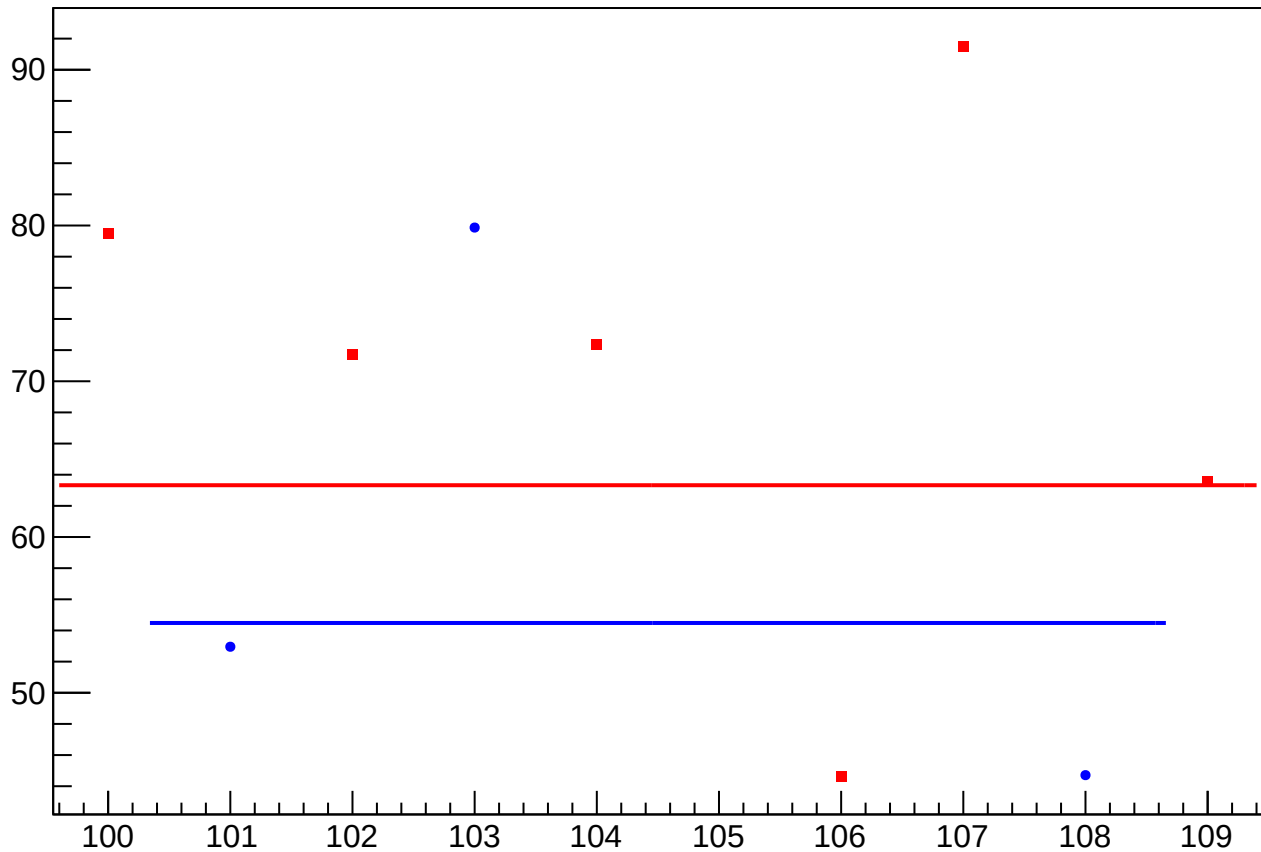
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.032 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 54.481 $\pm$ 0.032 χ^2 /NDF: 144639.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.325 $\pm$ 0.032 χ^2 /NDF: 183601.1/5

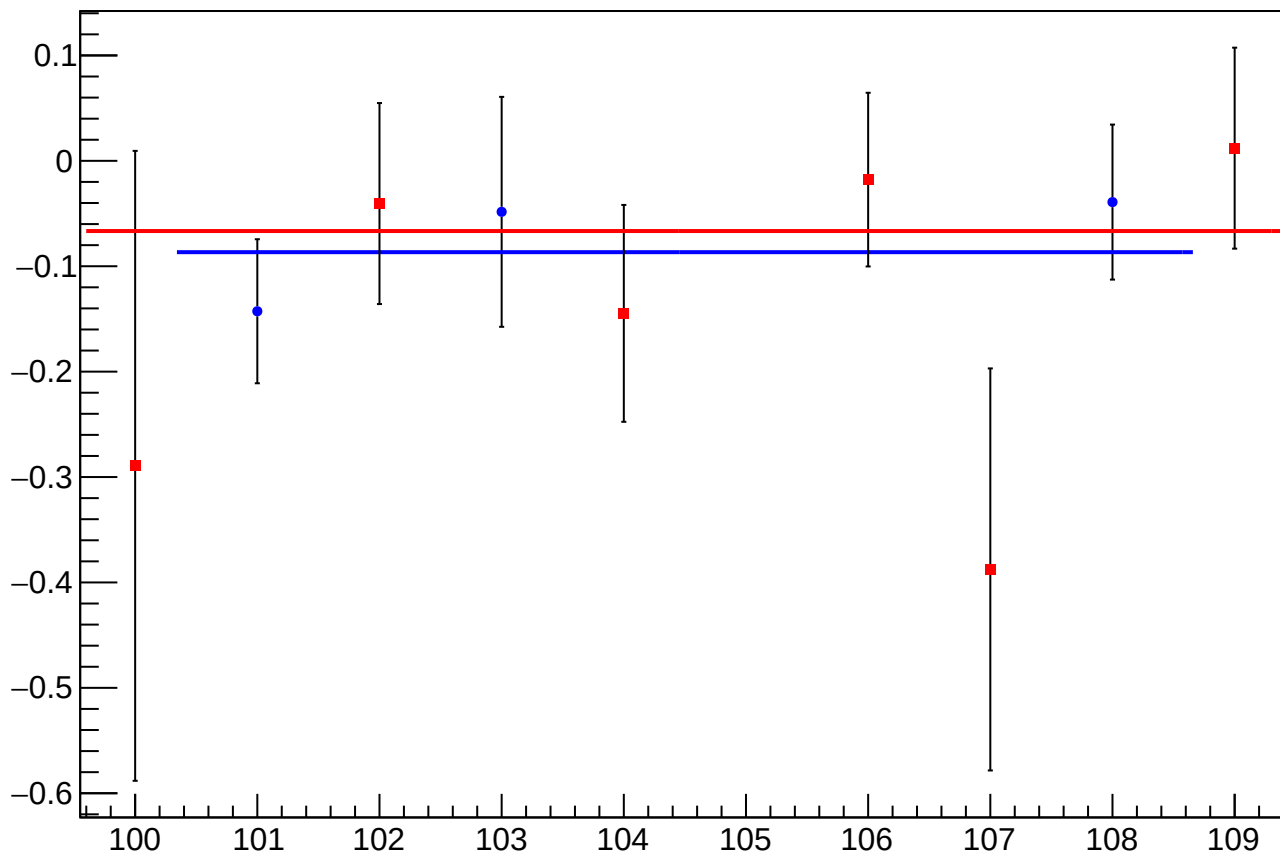
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.981 $\pm$ 0.023 χ^2 /NDF: 366697.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

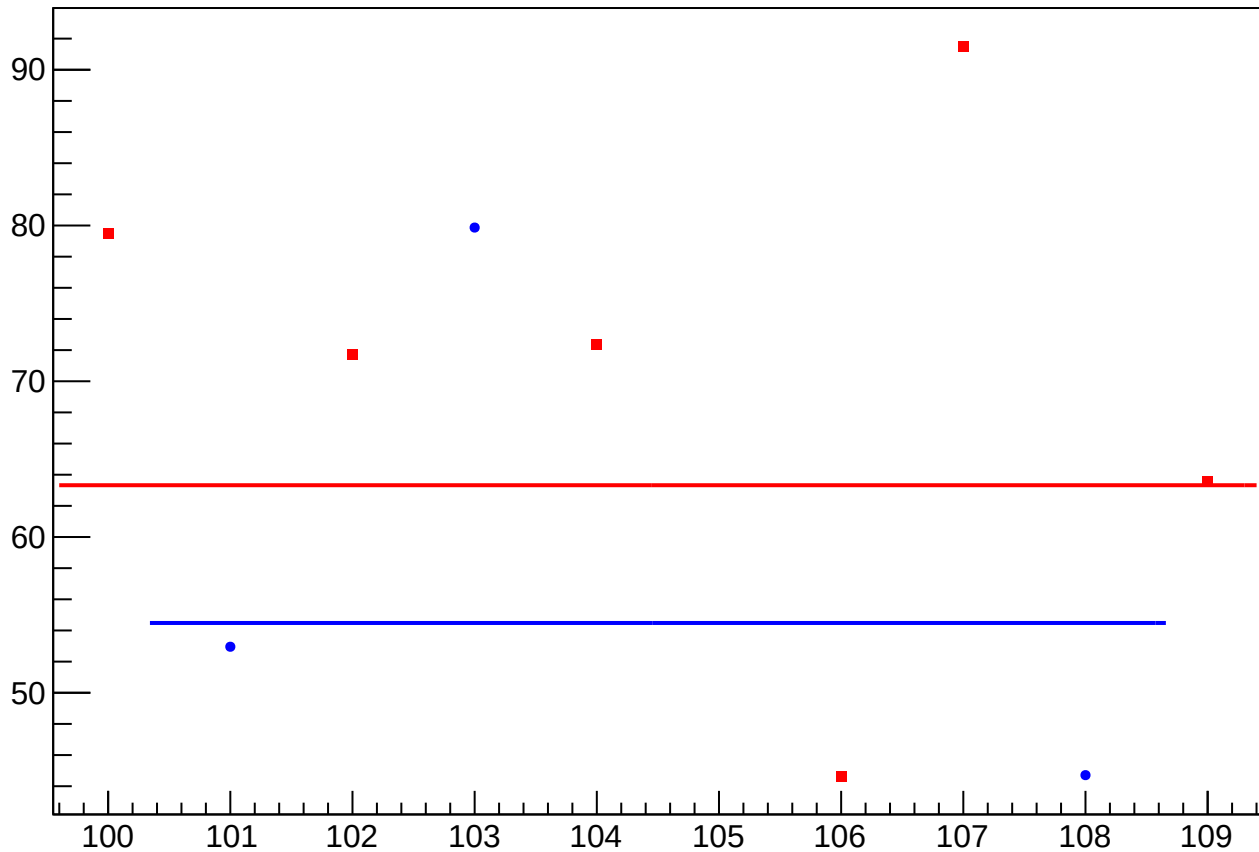
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.032 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 54.481+/-0.032 χ^2/NDF : 144639.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.325+/-0.032 χ^2/NDF : 183601.1/5

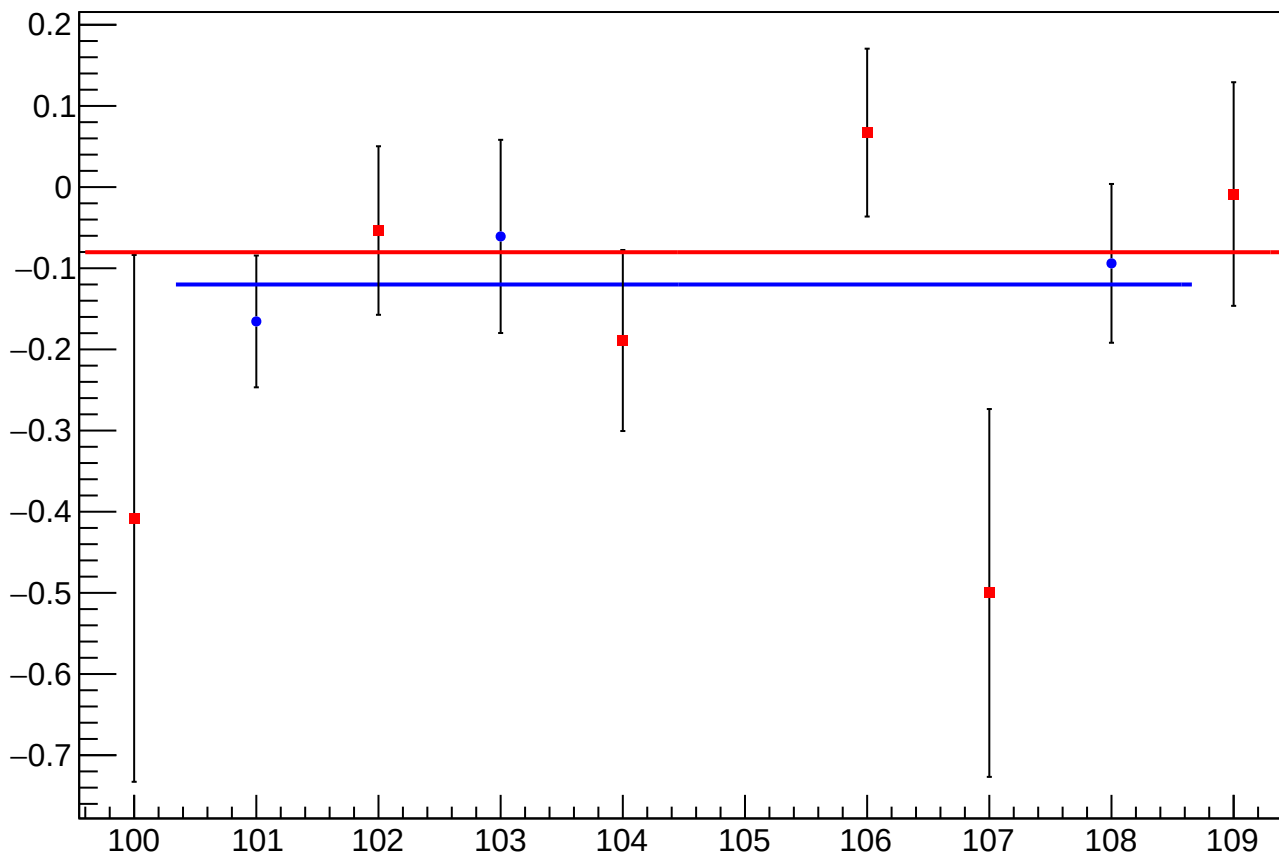
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.981+/-0.023 χ^2/NDF : 366697.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.120+/-0.055 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.080+/-0.054 χ^2/NDF : 7.8/5

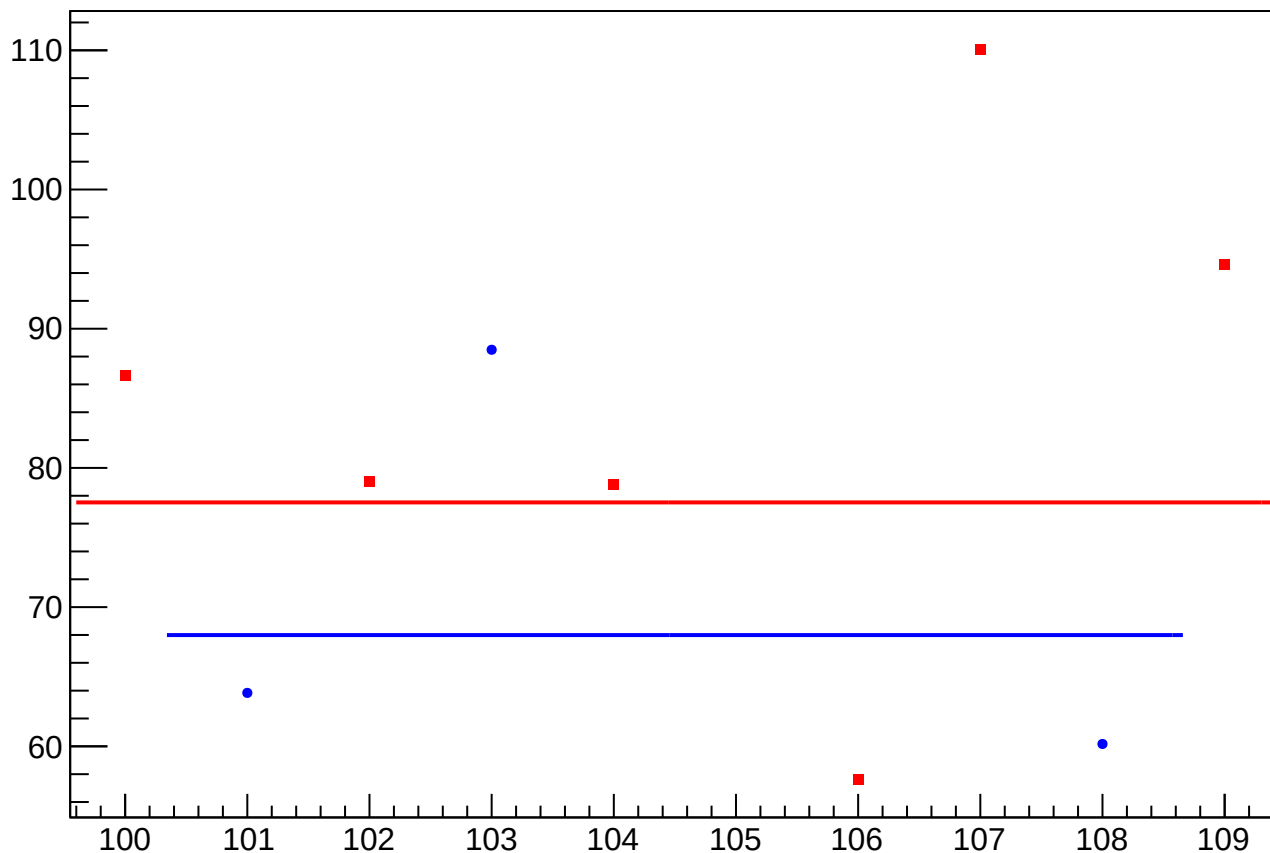
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.099+/-0.038 χ^2/NDF : 8.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 67.992+/-0.039 χ^2/NDF : 77325.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.523+/-0.038 χ^2/NDF : 148378.5/5

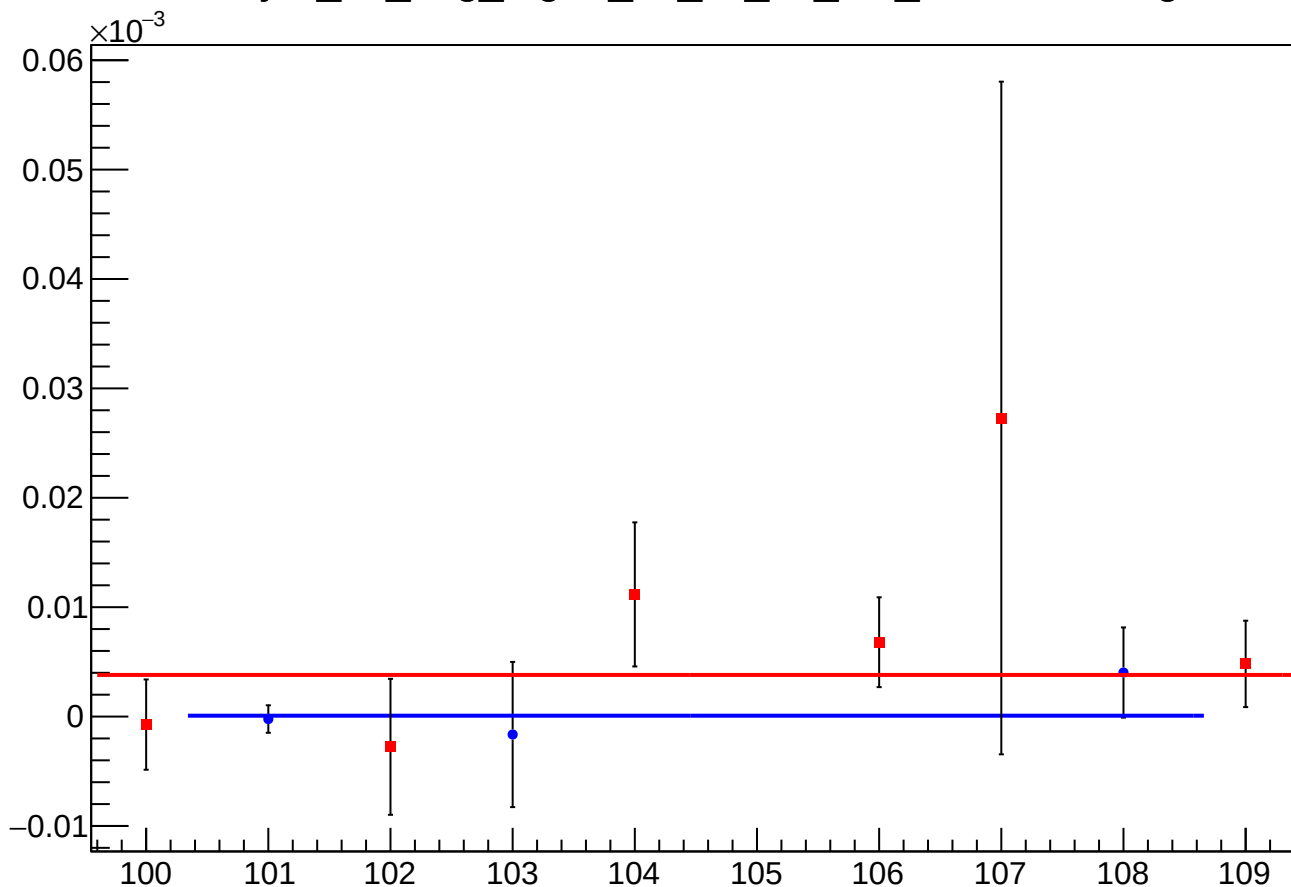
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.909+/-0.027 χ^2/NDF : 256323.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.8/5

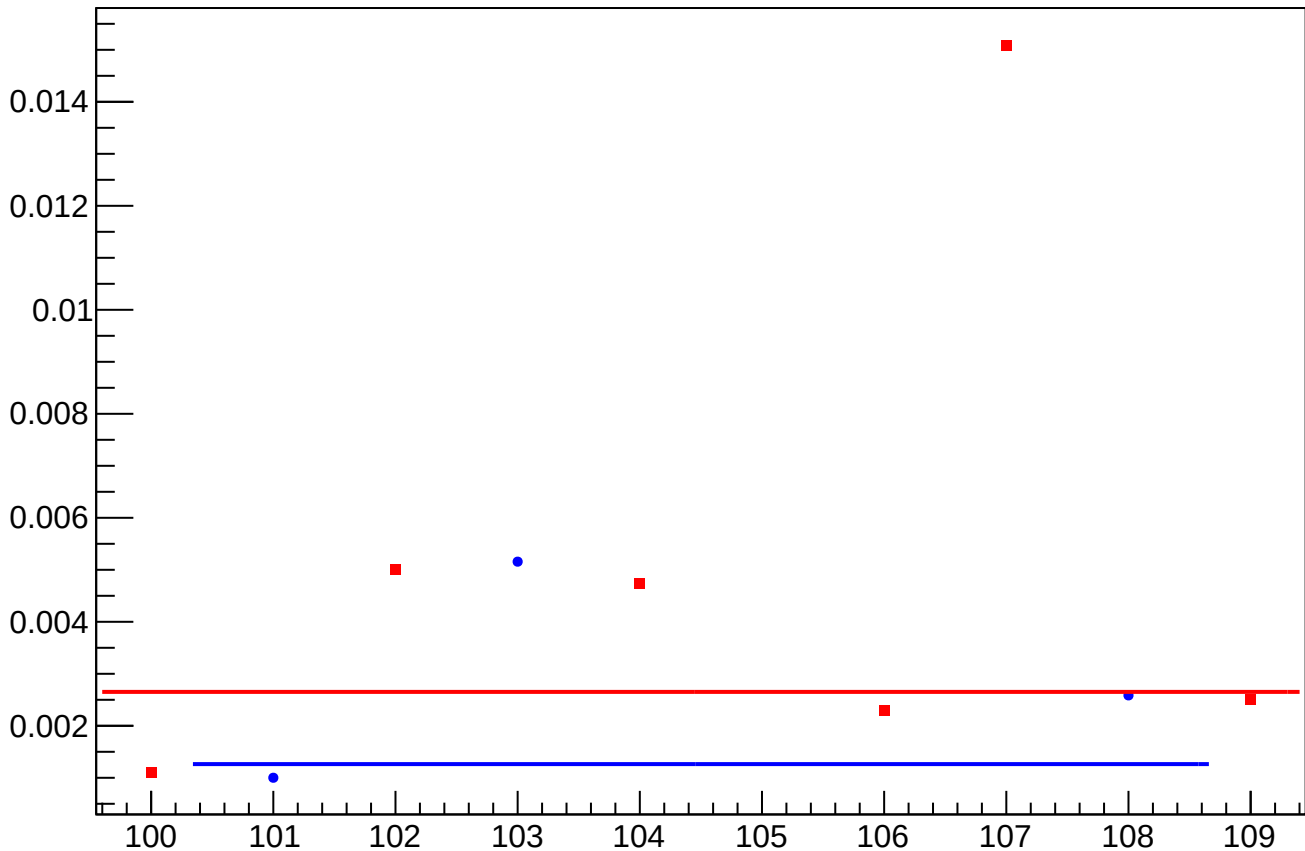
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001 $\pm$ 0.000 χ^2/NDF : 980913.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2/NDF : 1109651.5/5

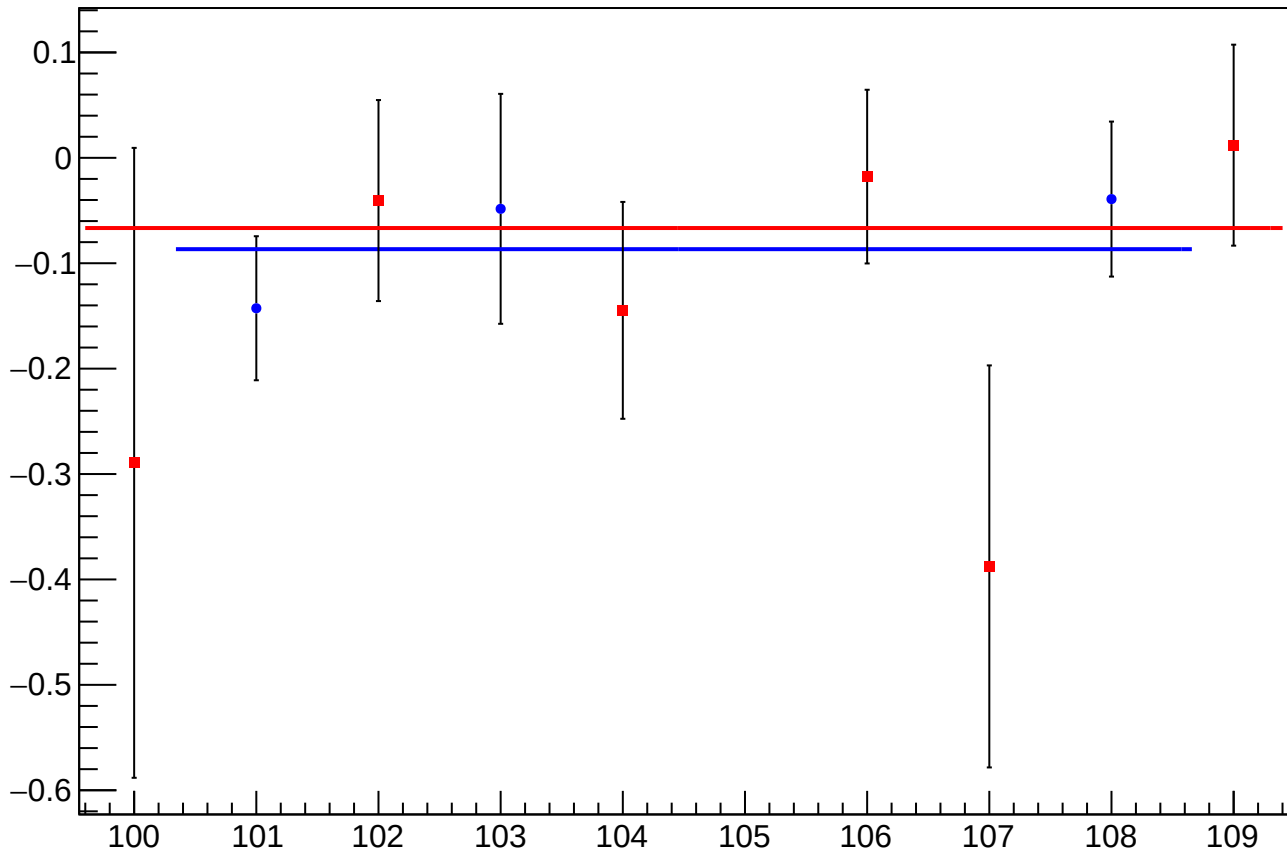
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.002 $\pm$ 0.000 χ^2/NDF : 2766529.0/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

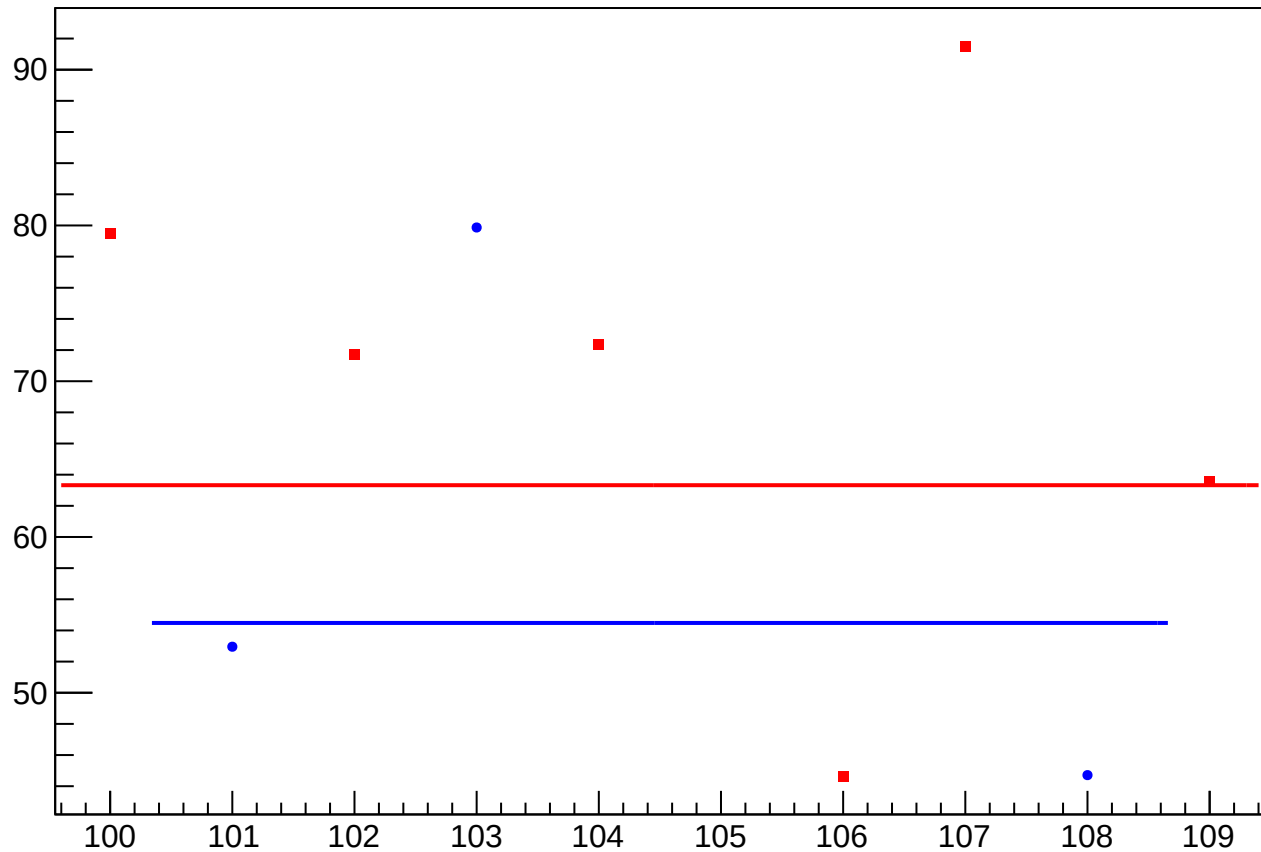
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.032 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 54.481+/-0.032 χ^2/NDF : 144646.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.325+/-0.032 χ^2/NDF : 183605.1/5

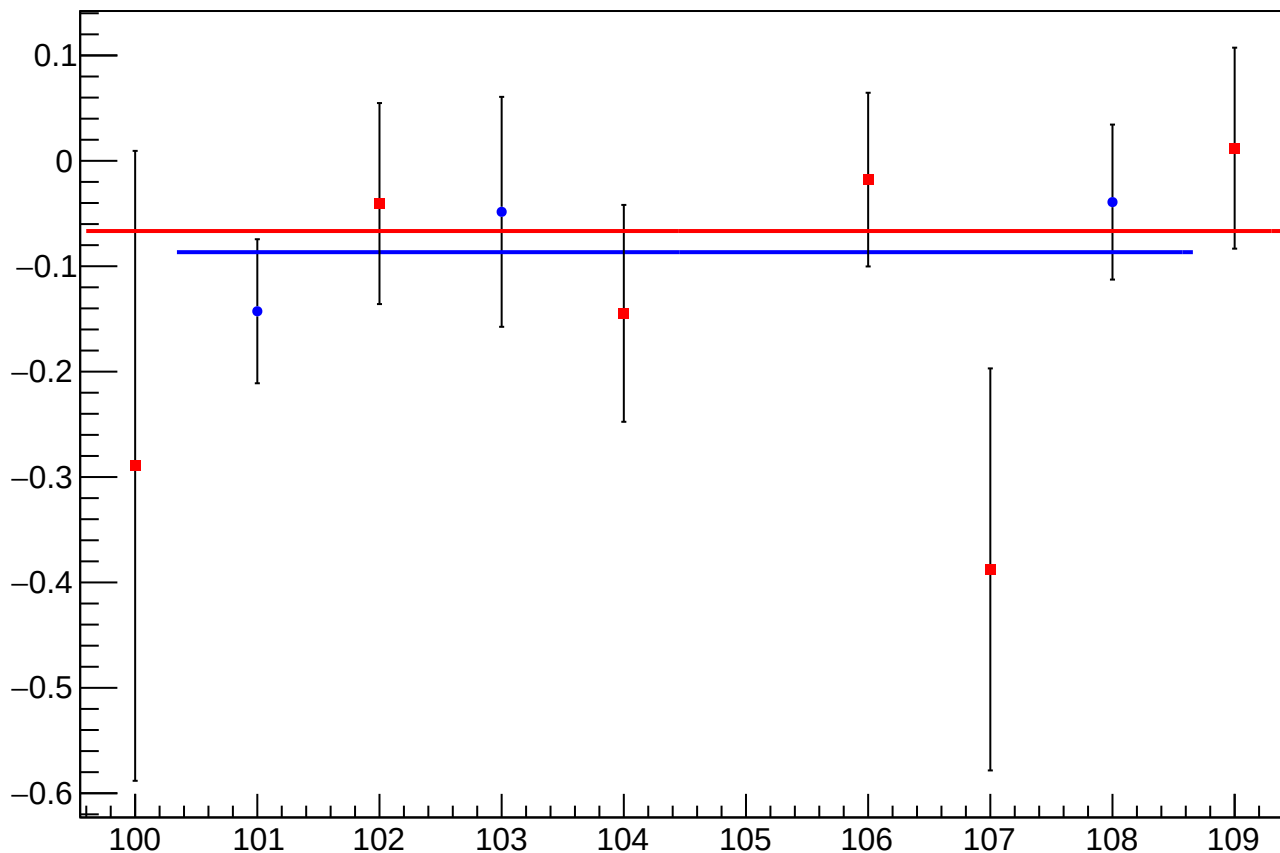
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.981+/-0.023 χ^2/NDF : 366703.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.087 $\pm$ 0.045 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.067 $\pm$ 0.045 χ^2 /NDF: 5.1/5

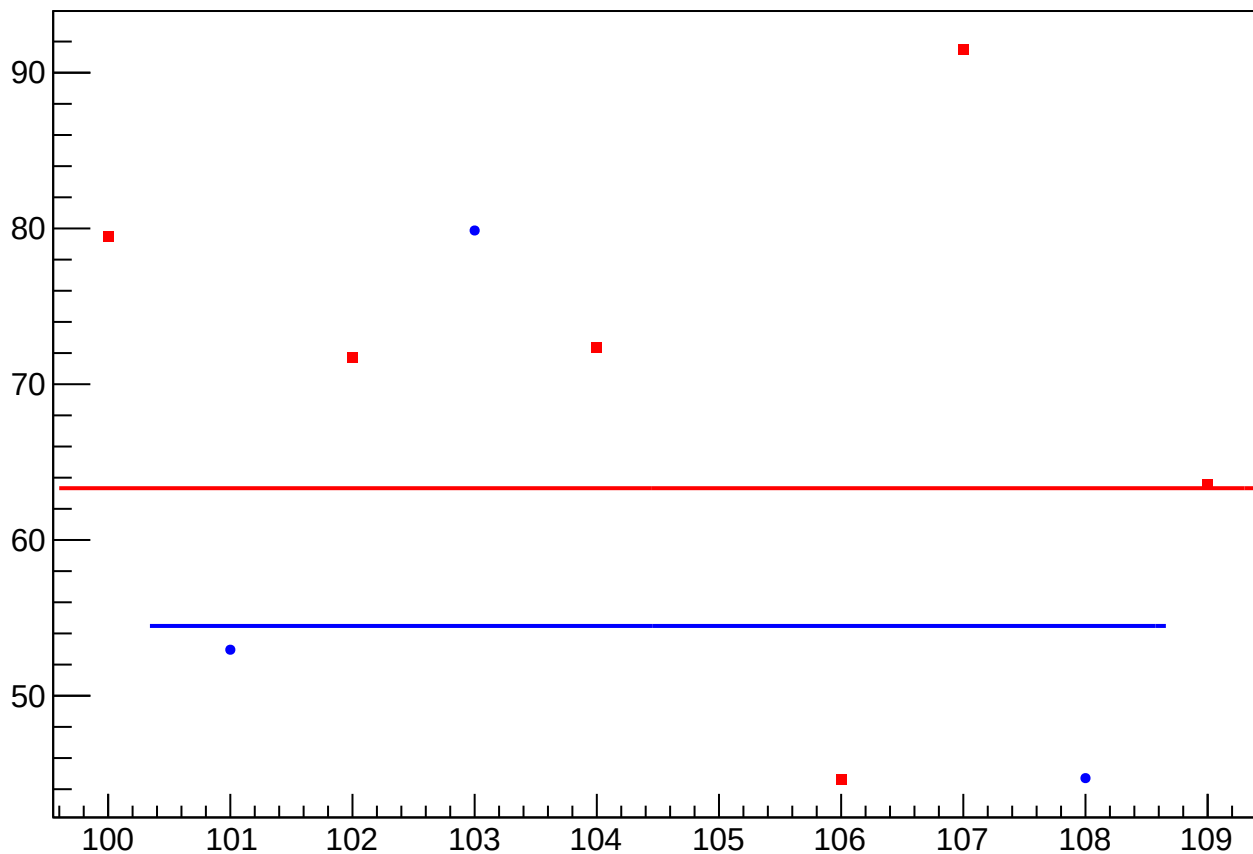
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.076 $\pm$ 0.032 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 54.481 $\pm$ 0.032 χ^2 /NDF: 144646.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.325 $\pm$ 0.032 χ^2 /NDF: 183605.1/5

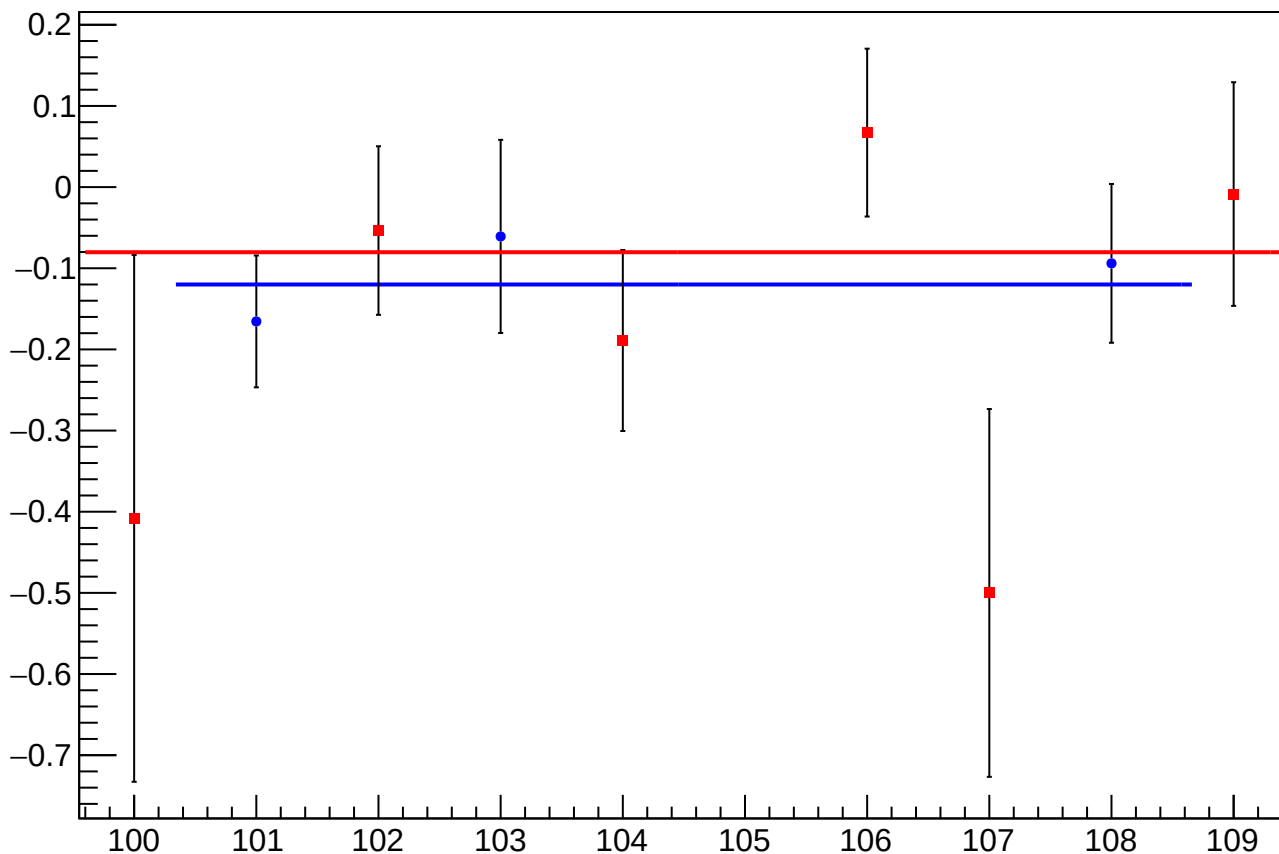
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.981 $\pm$ 0.023 χ^2 /NDF: 366703.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.120+/-0.055 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.080+/-0.054 χ^2/NDF : 7.8/5

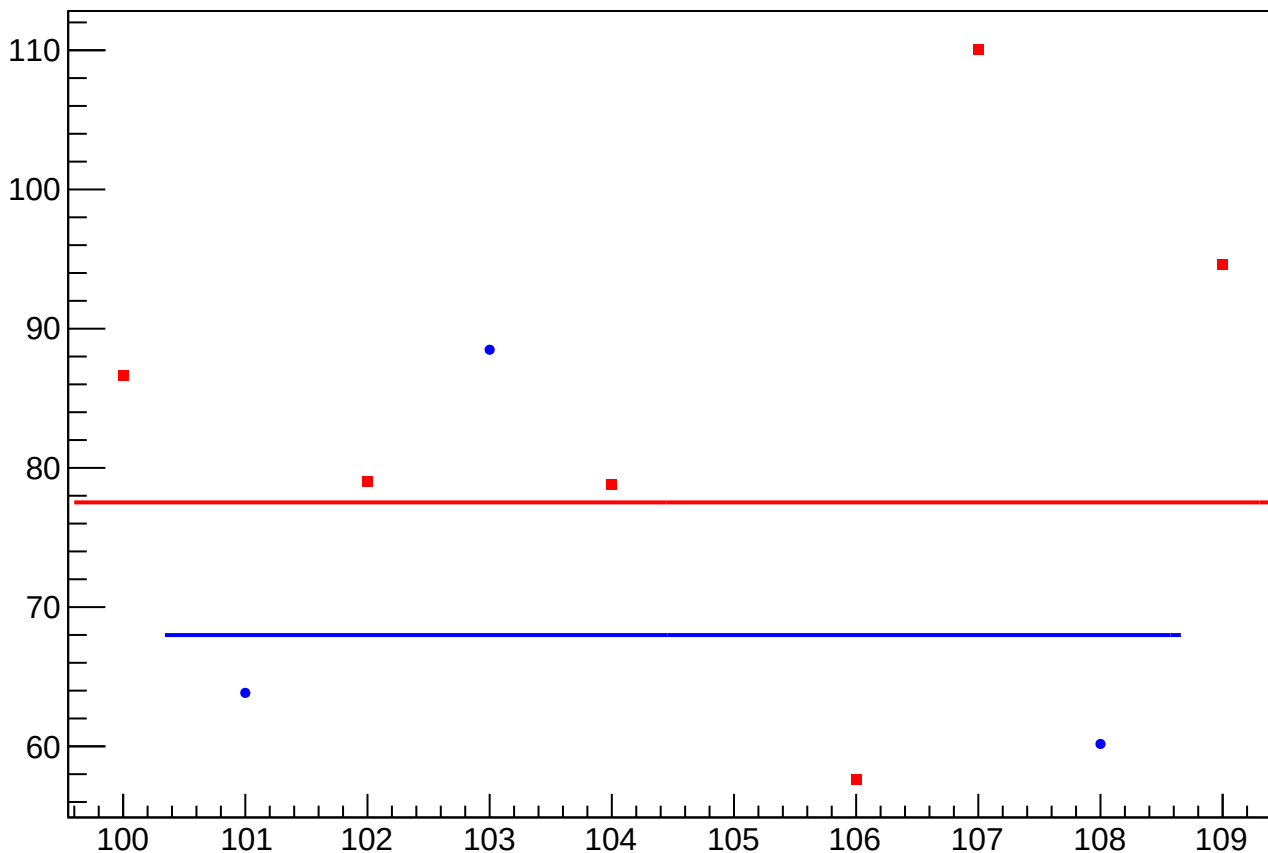
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.099+/-0.038 χ^2/NDF : 8.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 67.992 $\pm$ 0.039 χ^2 /NDF: 77329.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.522 $\pm$ 0.038 χ^2 /NDF: 148376.2/5

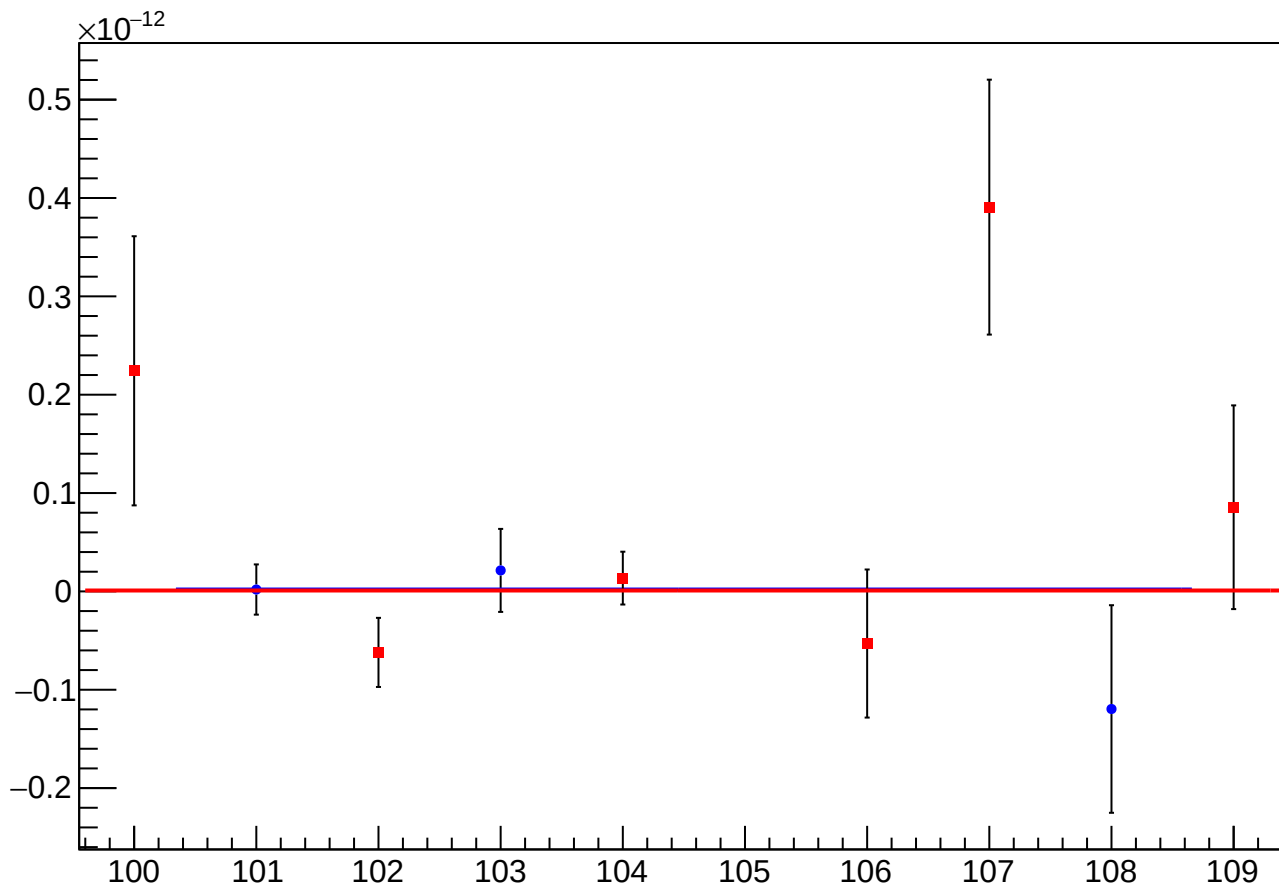
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.909 $\pm$ 0.027 χ^2 /NDF: 256322.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/5

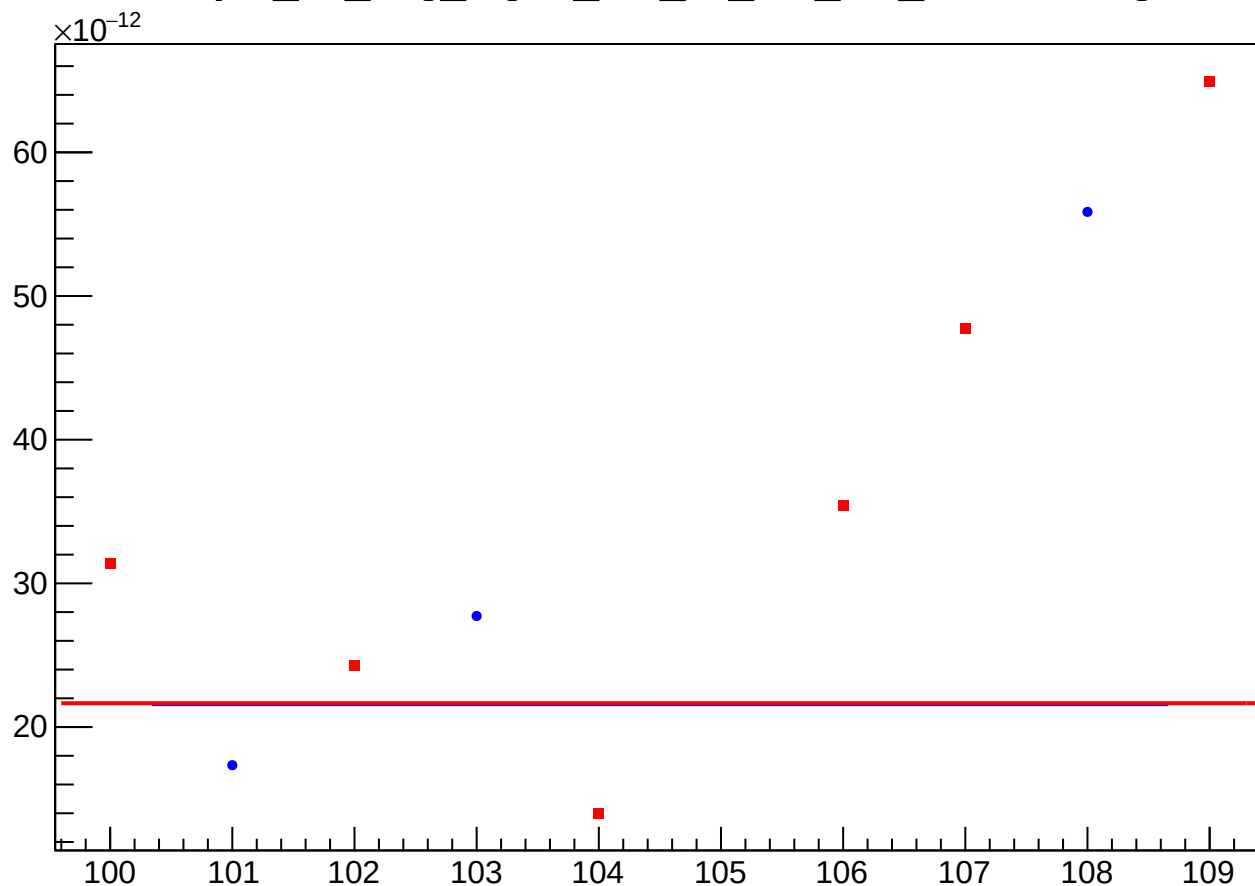
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 308375.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 681414.2/5

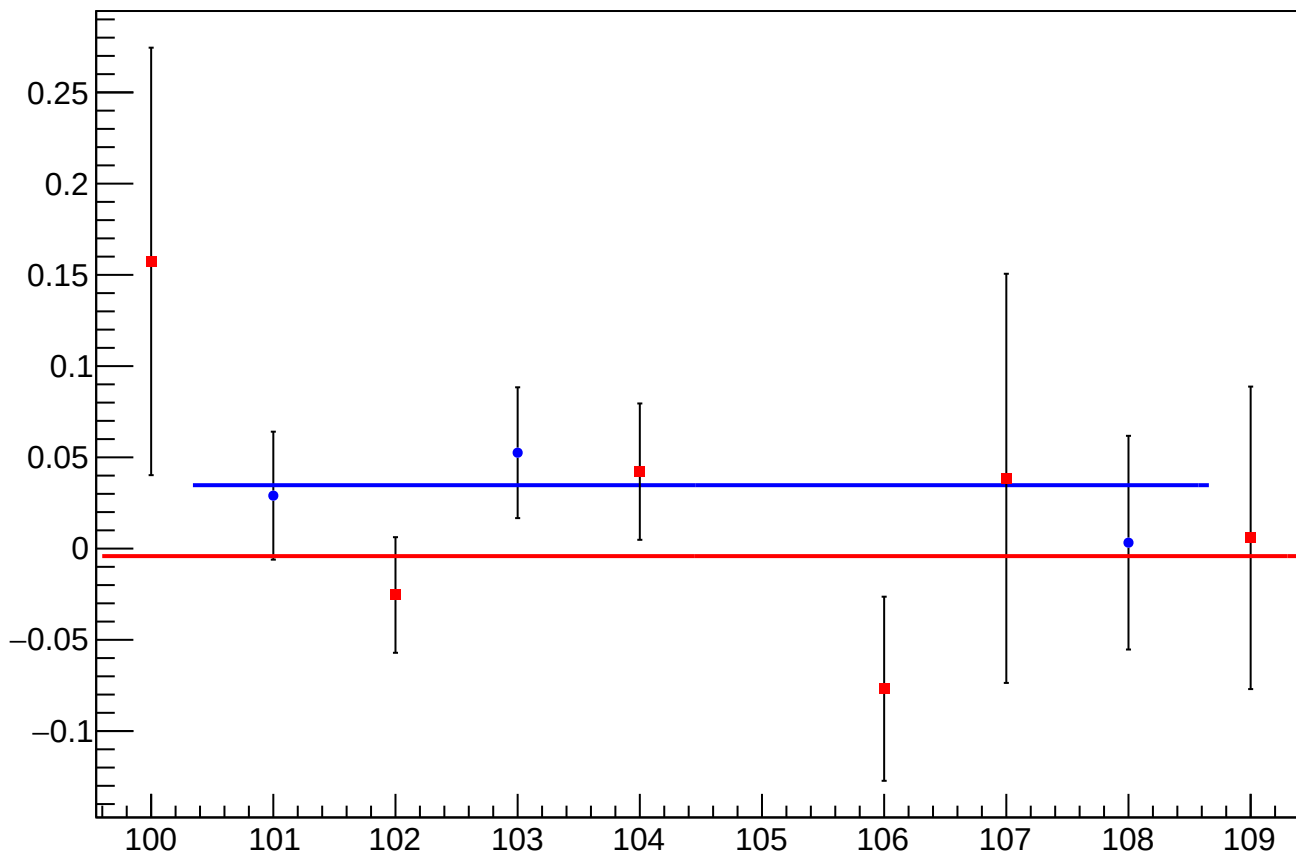
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 989798.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.023 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.020 χ^2 /NDF: 6.1/5

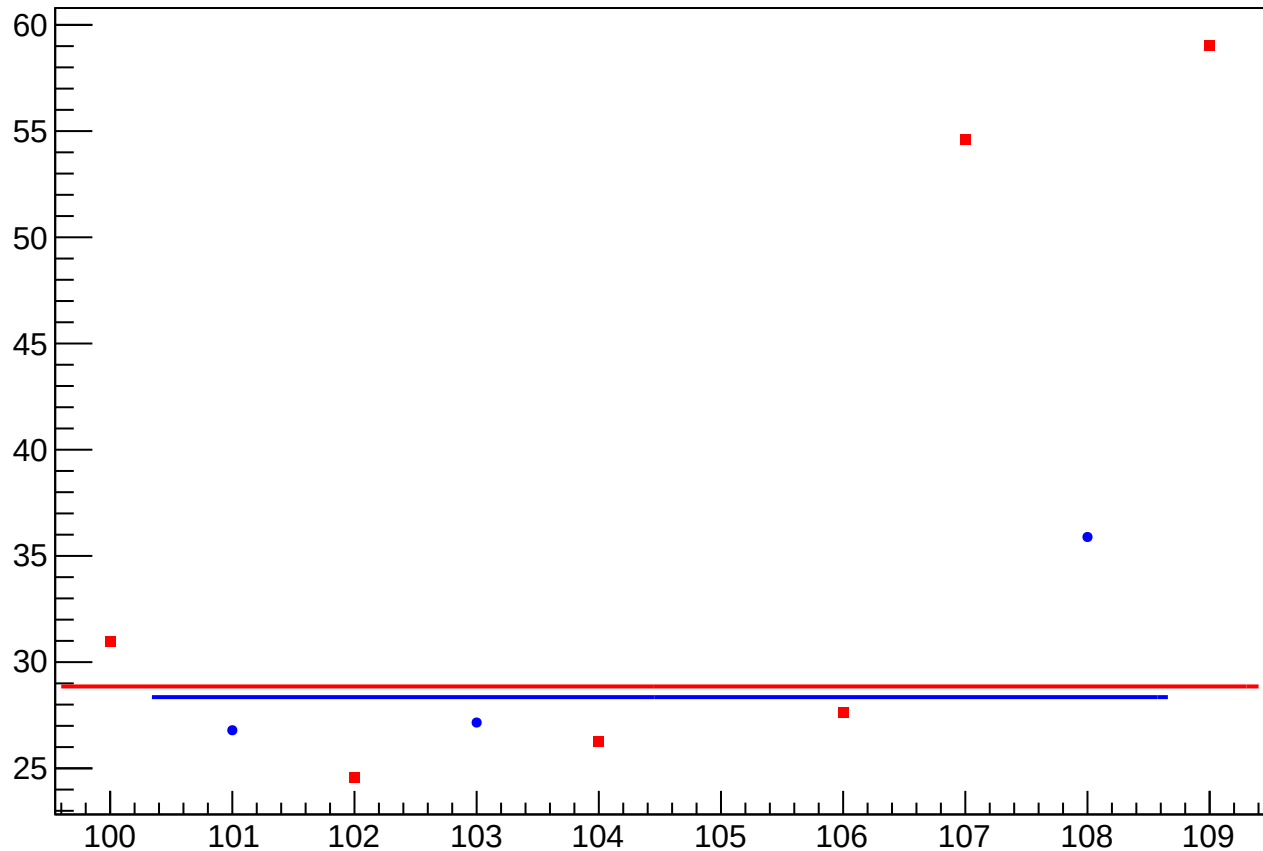
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.015 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug



Right In: 28.352+/-0.016 χ^2/NDF : 39341.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.855+/-0.014 χ^2/NDF : 418304.6/5

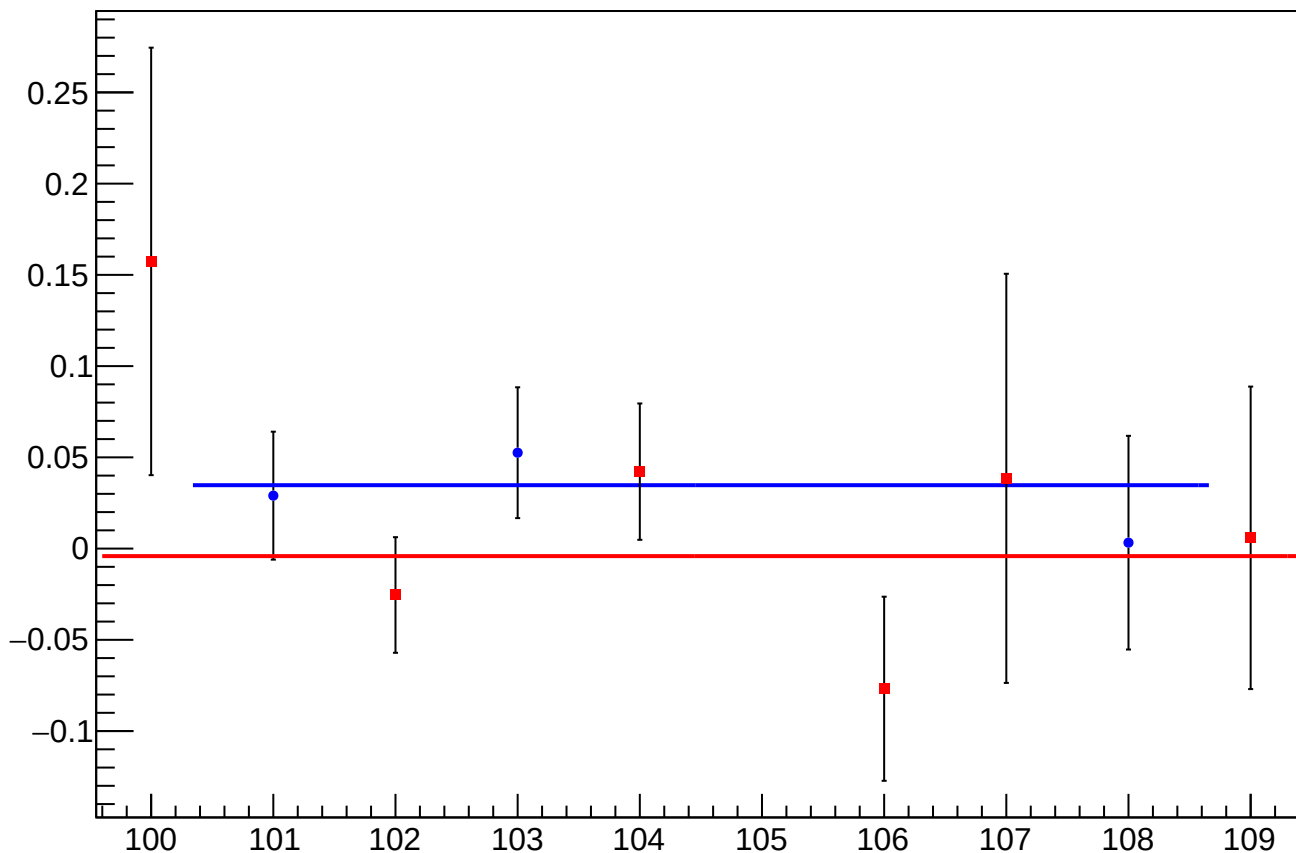
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.634+/-0.011 χ^2/NDF : 458180.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.023 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.020 χ^2 /NDF: 6.1/5

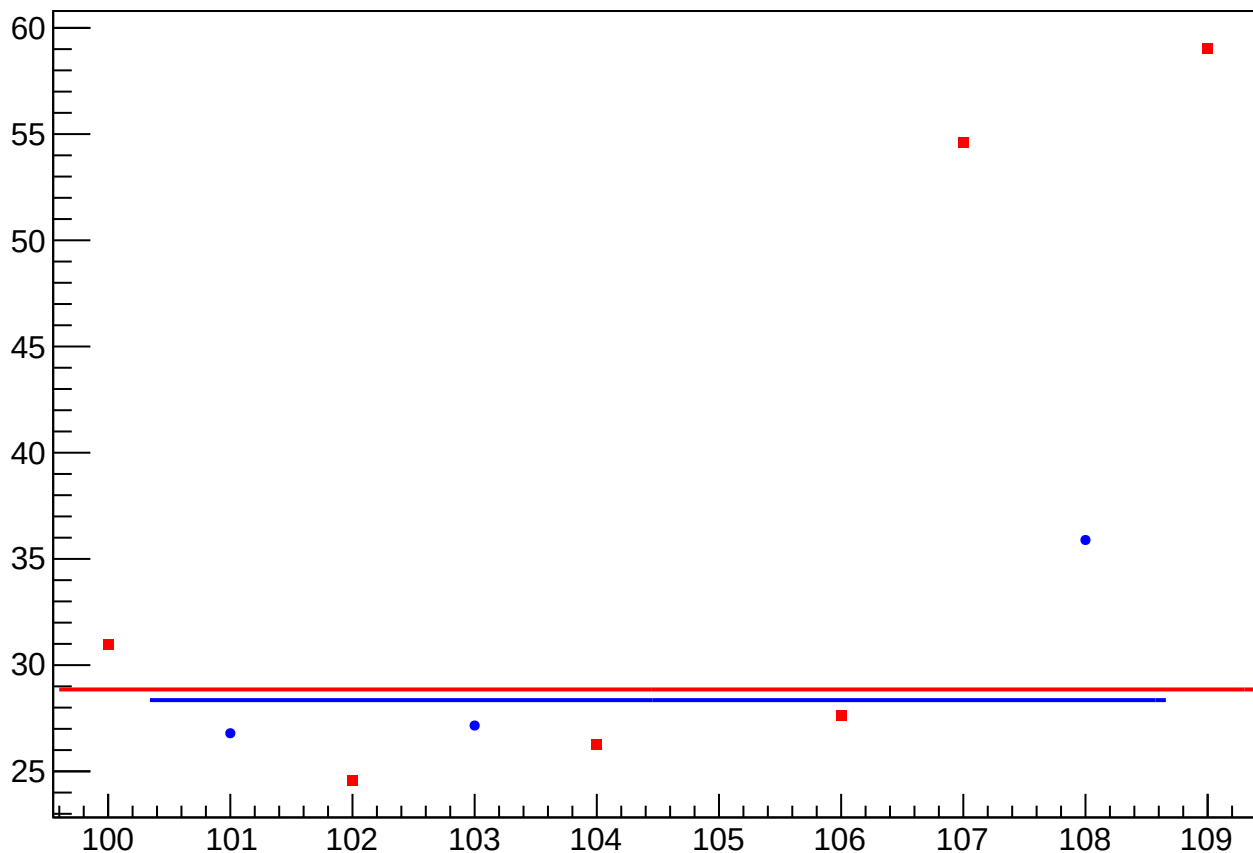
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.015 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 28.352 $\pm$ 0.016 χ^2 /NDF: 39341.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.855 $\pm$ 0.014 χ^2 /NDF: 418304.6/5

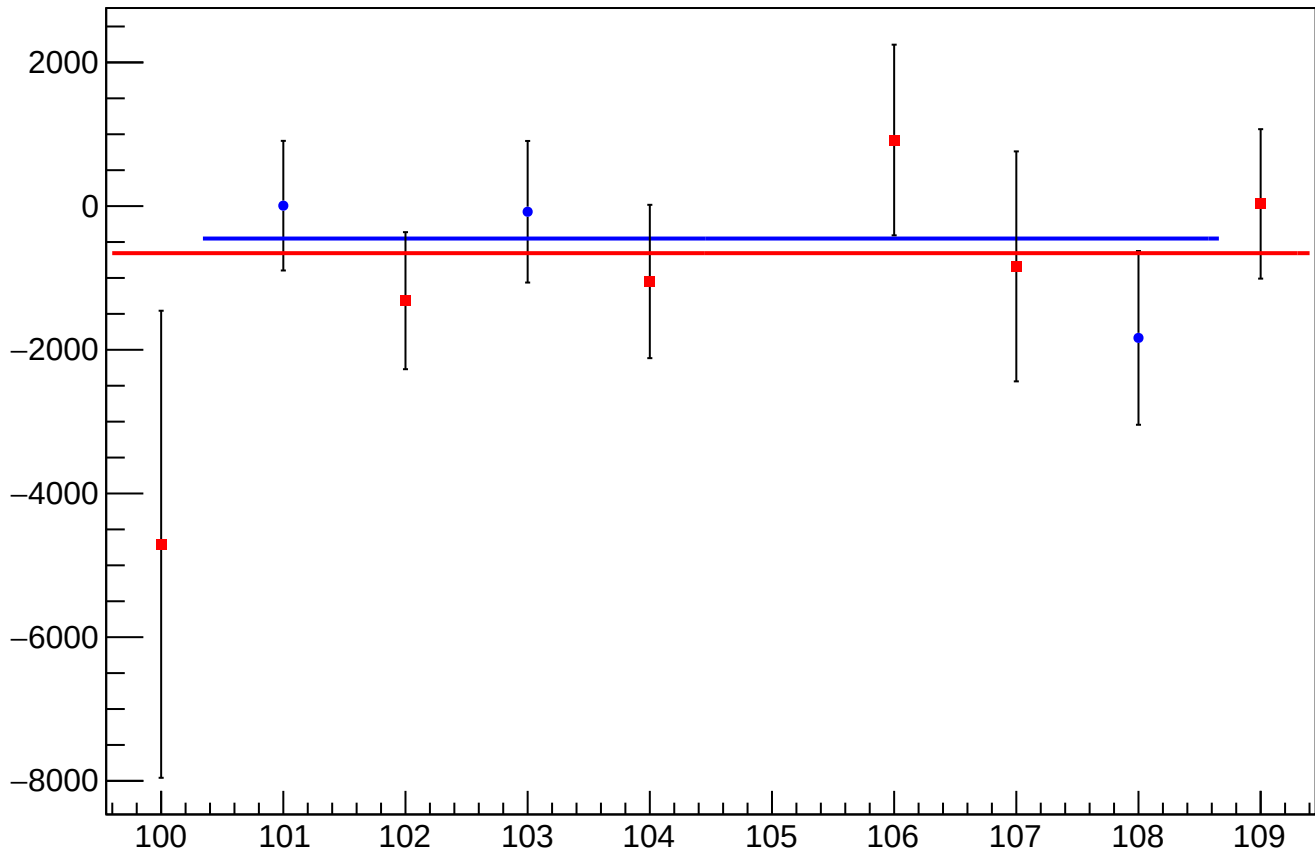
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.634 $\pm$ 0.011 χ^2 /NDF: 458180.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_mean vs Slug



Right In: -451.380+/-582.943 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -655.001+/-502.844 χ^2/NDF : 4.0/5

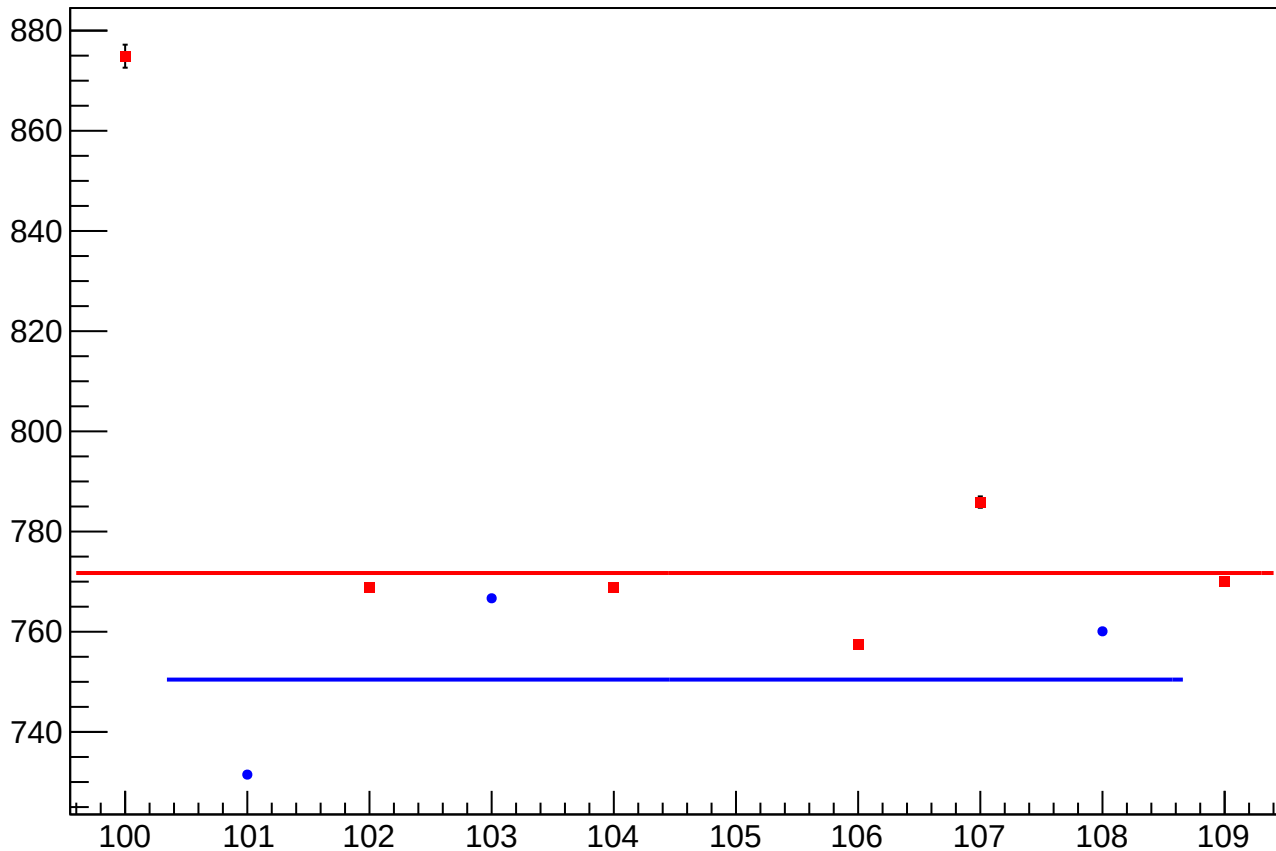
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -568.130+/-380.760 χ^2/NDF : 5.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_rms vs Slug



Right In: 750.449 $\pm$ 0.412 χ^2 /NDF: 1553.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 771.724 $\pm$ 0.356 χ^2 /NDF: 2439.1/5

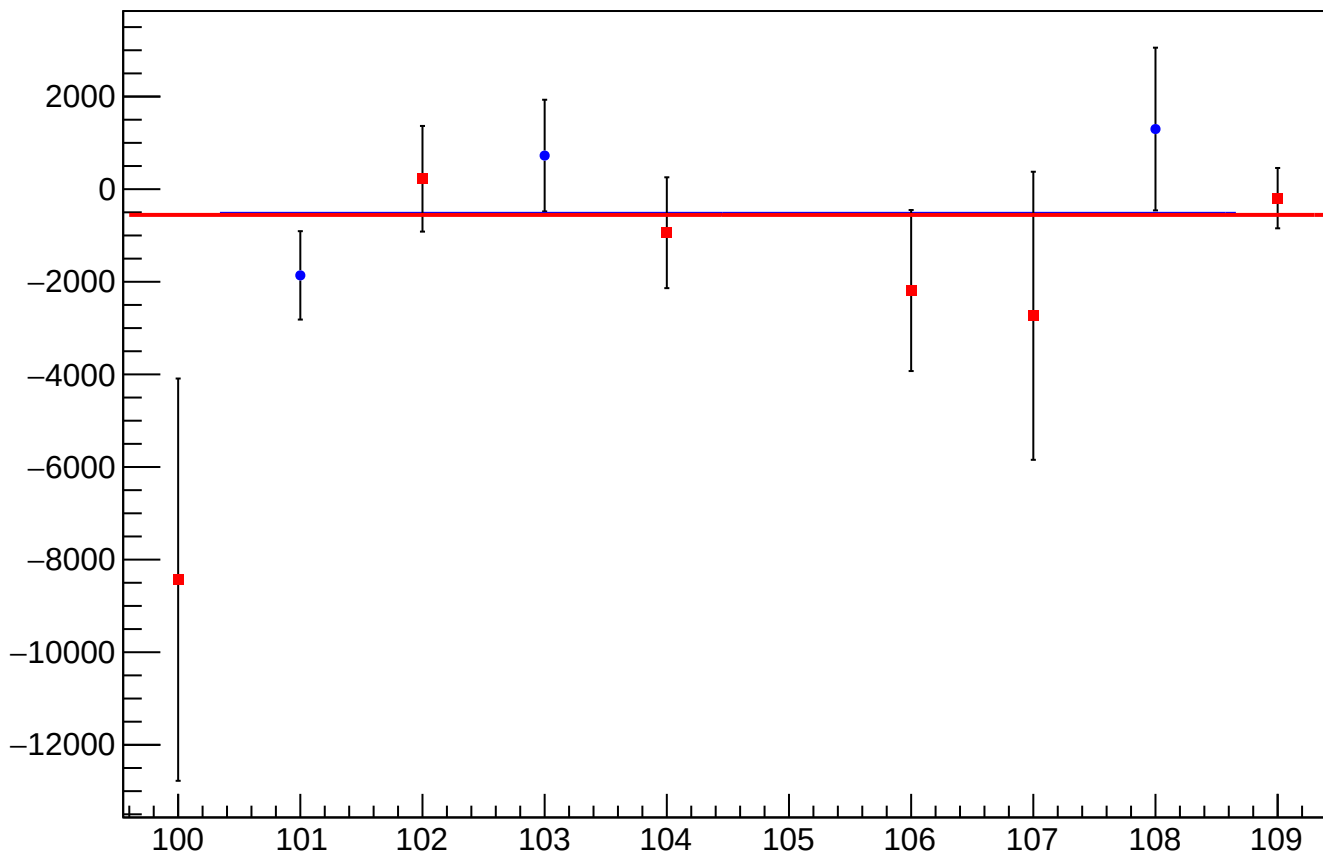
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 762.647 $\pm$ 0.269 χ^2 /NDF: 5520.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_reg_correction_mean vs Slug



Right In: -532.736 $\pm$ 688.577 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -555.634 $\pm$ 481.749 χ^2 /NDF: 5.5/5

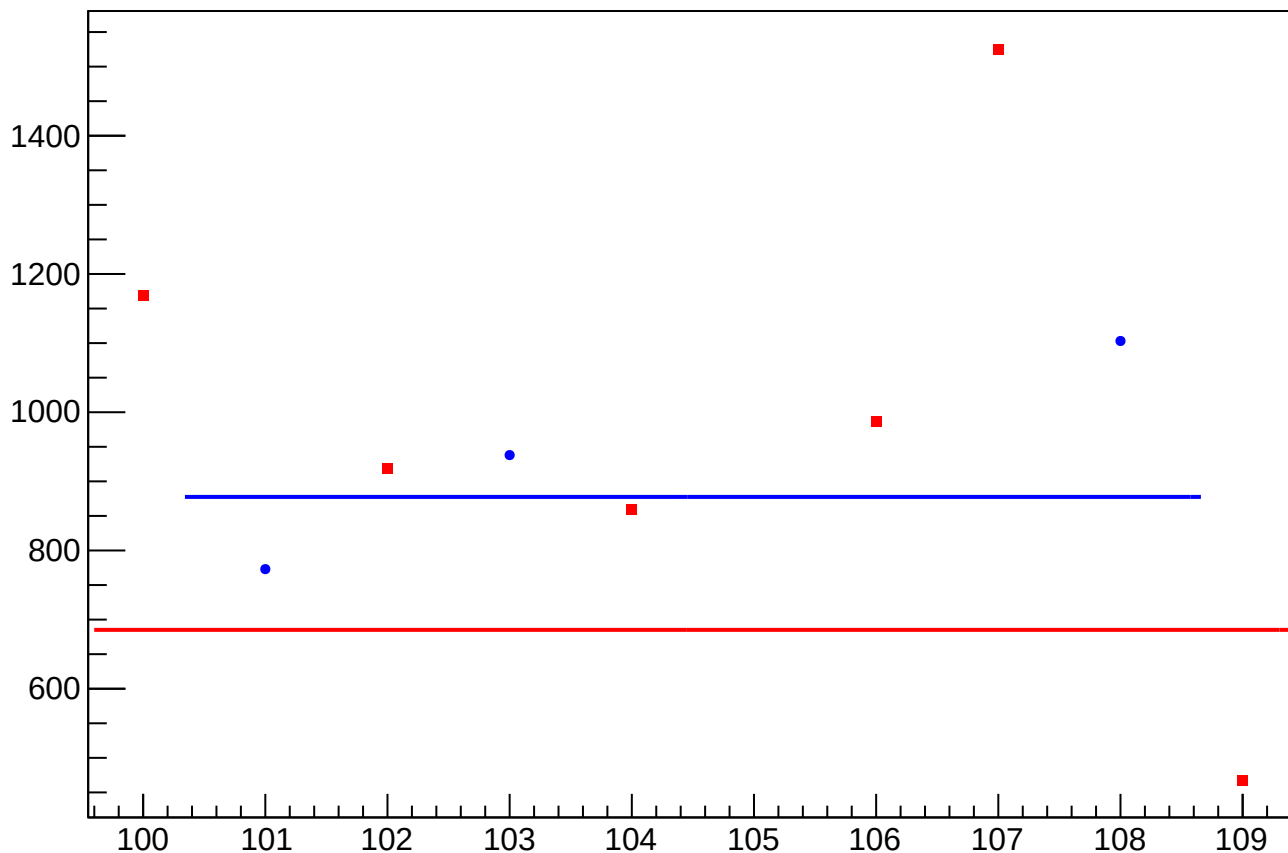
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -548.109 $\pm$ 394.733 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_reg_correction_rms vs Slug



Right In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.176+/-0.341 χ^2/NDF : 580744.8/5

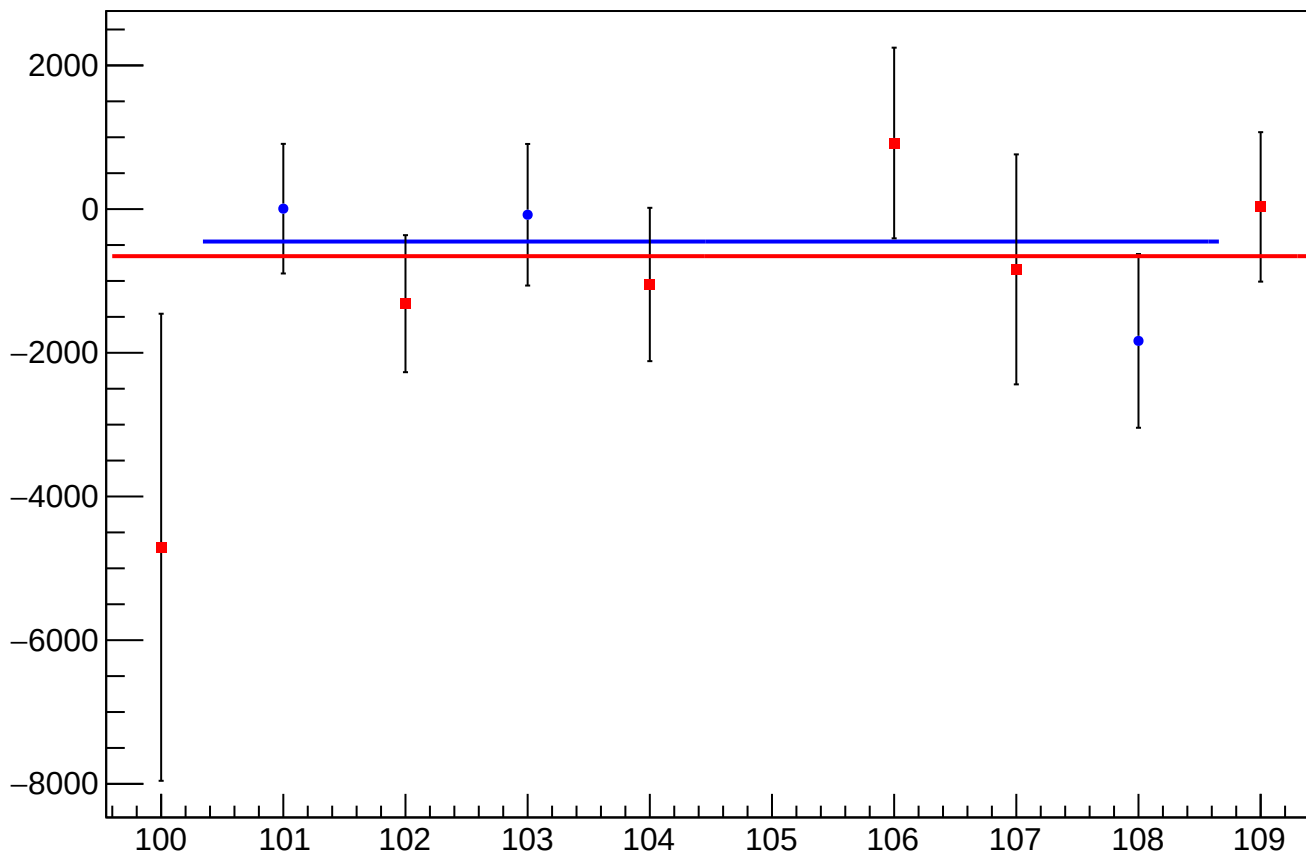
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 748.382+/-0.279 χ^2/NDF : 747460.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_mean vs Slug



Right In: -451.380+/-582.943 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -655.001+/-502.844 χ^2/NDF : 4.0/5

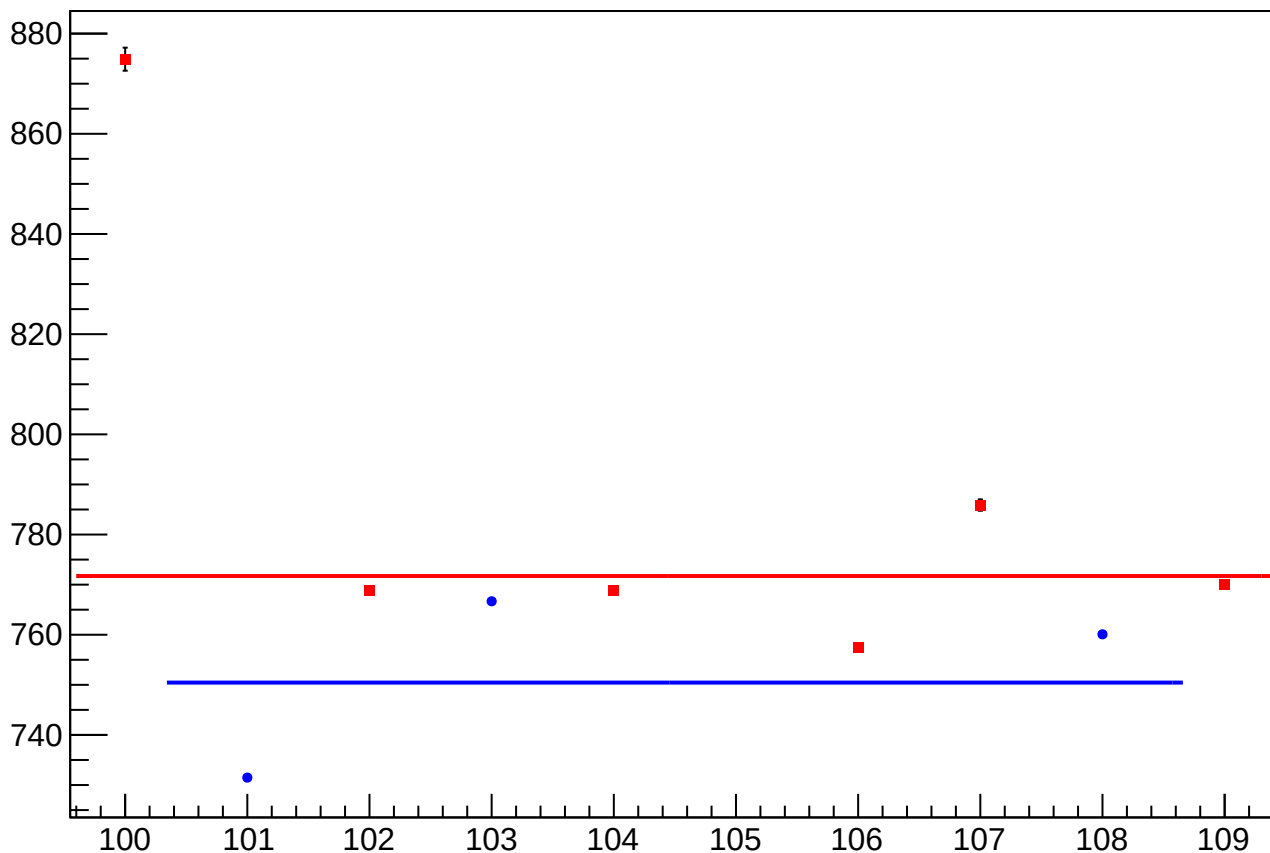
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -568.130+/-380.760 χ^2/NDF : 5.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug



Right In: 750.449 $\pm$ 0.412 χ^2 /NDF: 1553.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 771.724 $\pm$ 0.356 χ^2 /NDF: 2439.1/5

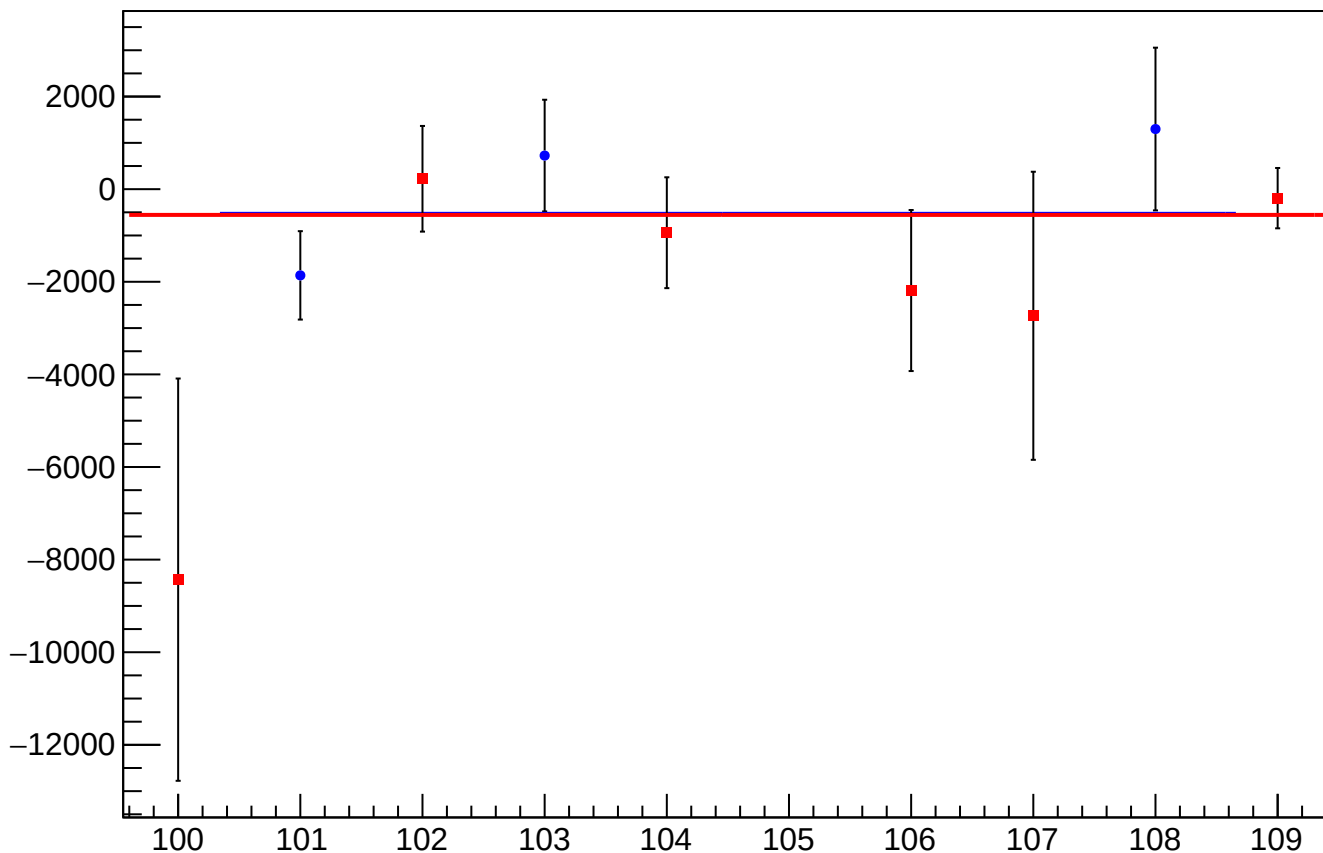
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 762.647 $\pm$ 0.269 χ^2 /NDF: 5520.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_cor_correction_mean vs Slug



Right In: -532.736 $\pm$ 688.577 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -555.634 $\pm$ 481.749 χ^2 /NDF: 5.5/5

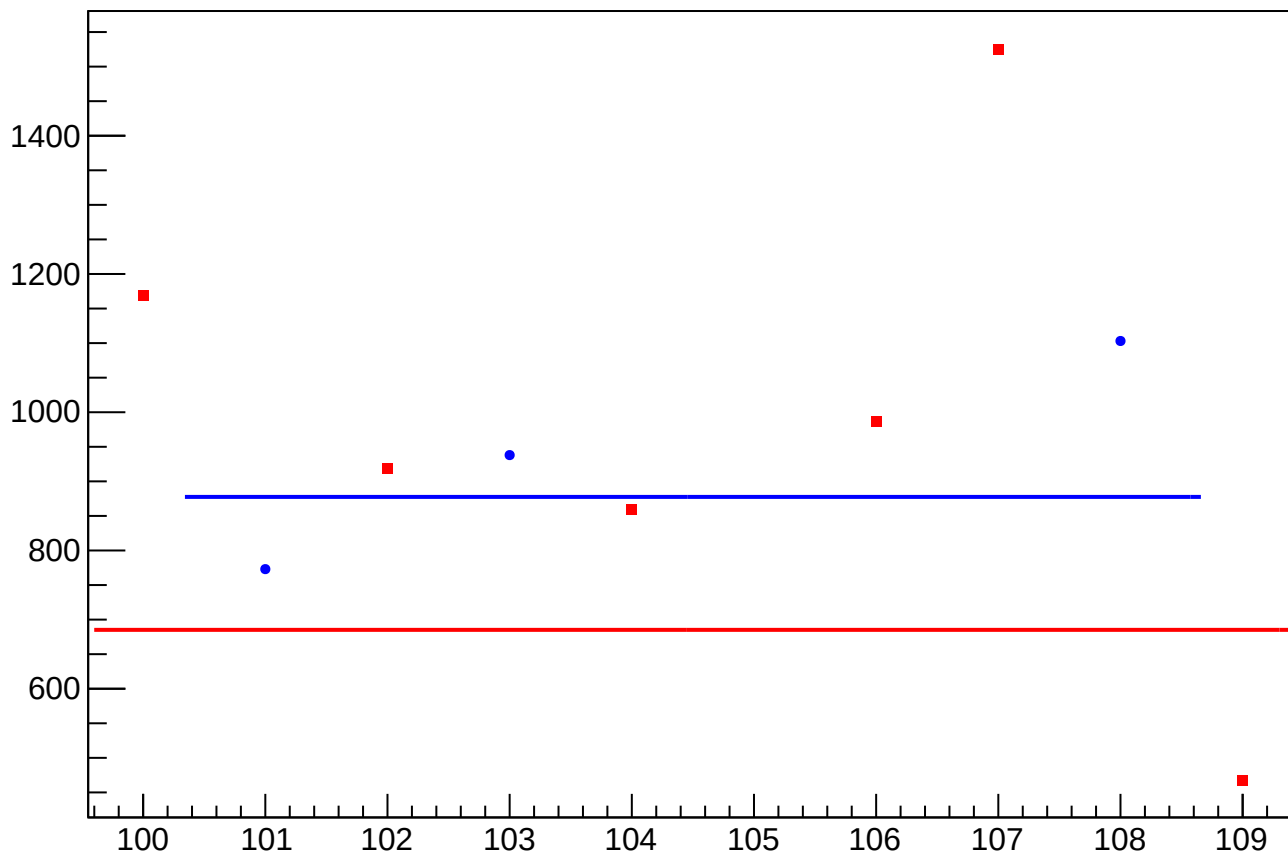
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -548.109 $\pm$ 394.733 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_cor_correction_rms vs Slug



Right In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.176+/-0.341 χ^2/NDF : 580744.8/5

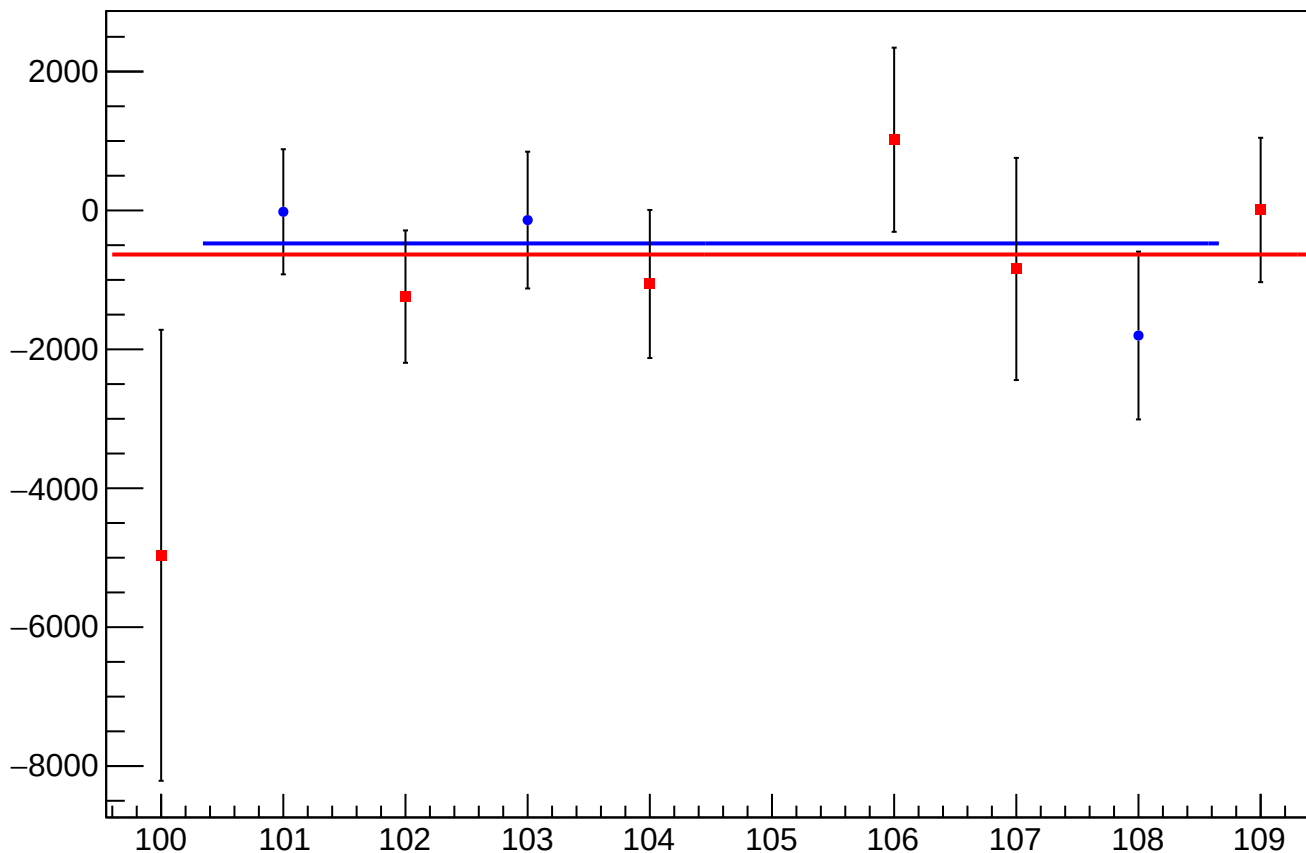
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 748.382+/-0.279 χ^2/NDF : 747460.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_mean vs Slug



Right In: -474.882 $\pm$ 582.352 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -634.214 $\pm$ 502.445 χ^2 /NDF: 4.3/5

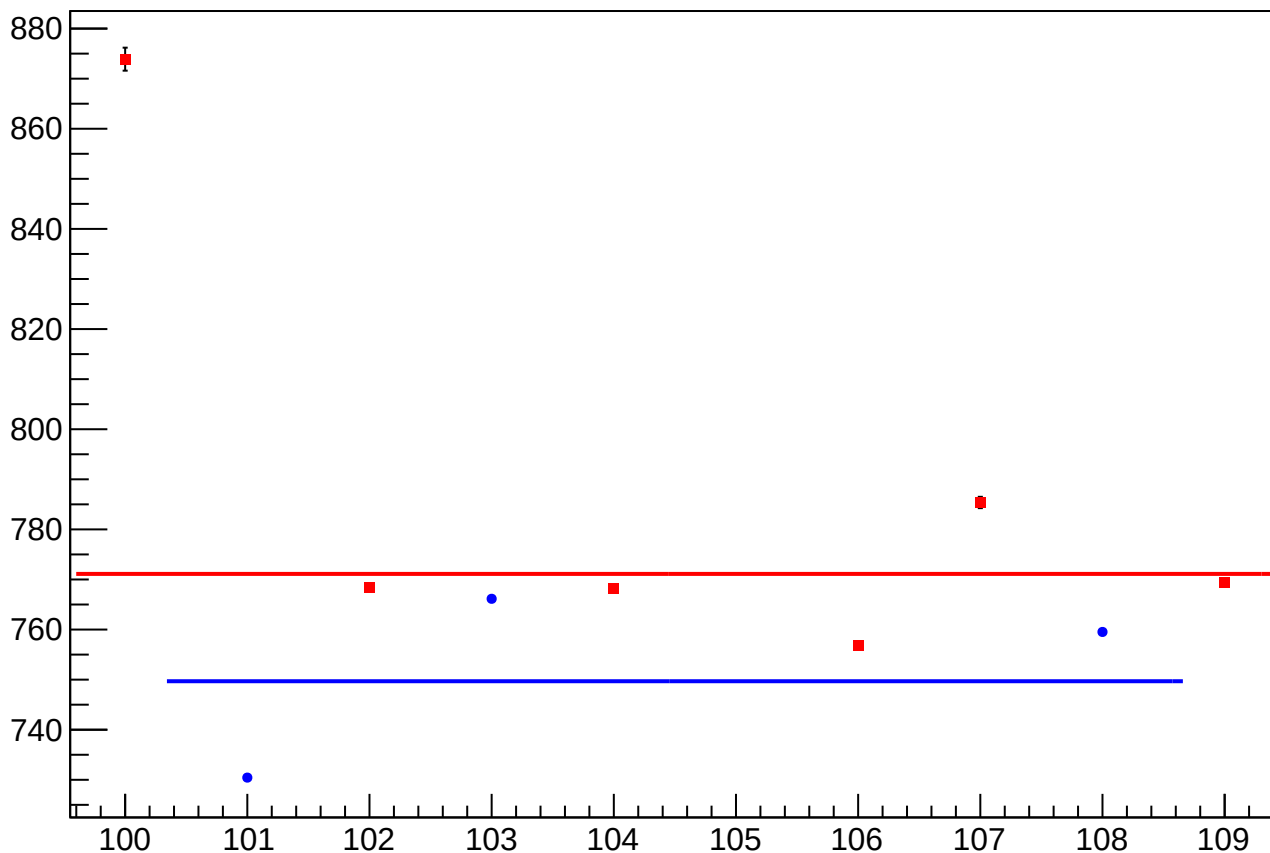
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -566.221 $\pm$ 380.422 χ^2 /NDF: 5.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 749.683 $\pm$ 0.412 χ^2 /NDF: 1604.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 771.112 $\pm$ 0.355 χ^2 /NDF: 2433.3/5

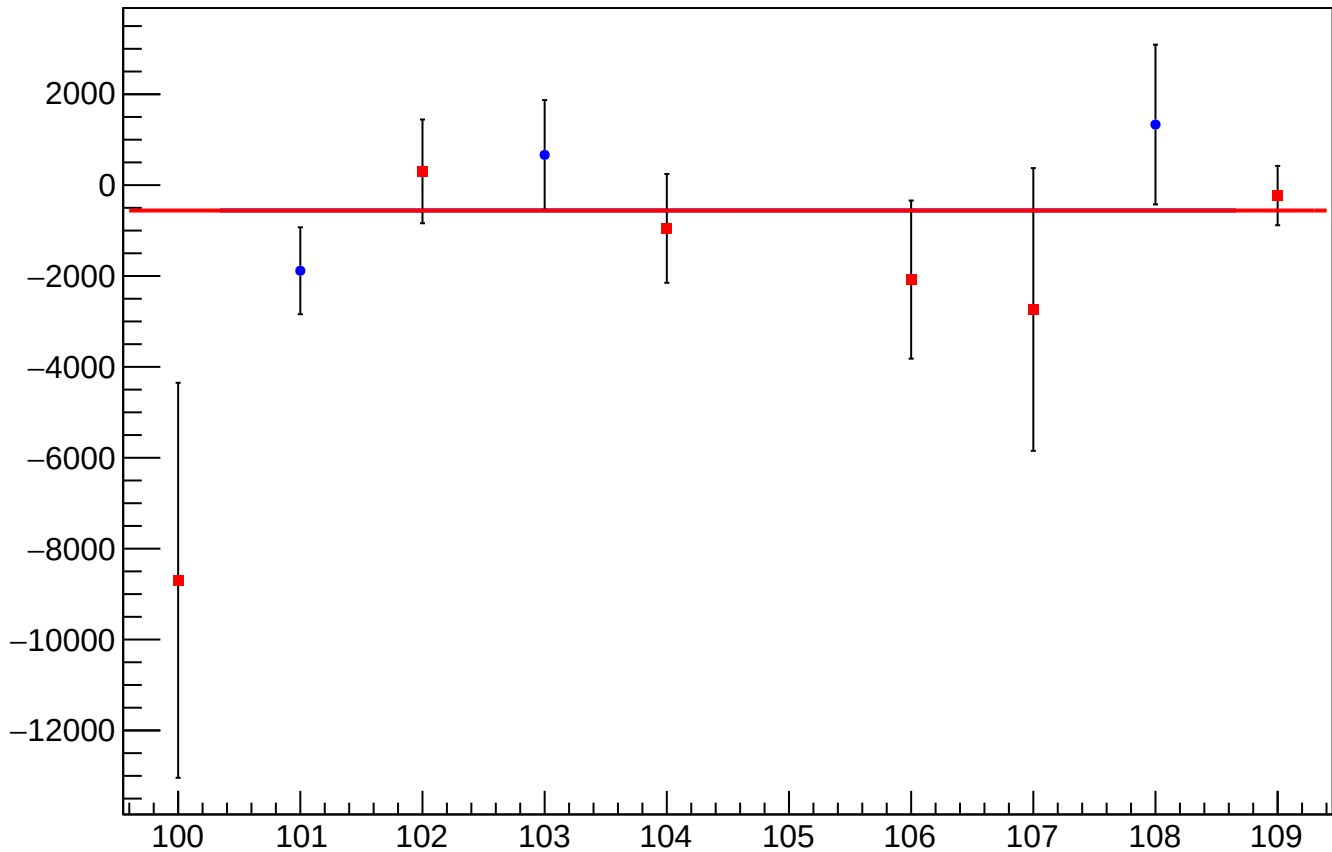
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 761.967 $\pm$ 0.269 χ^2 /NDF: 5590.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_overload_cor_correction_mean vs Slug



Right In: -557.451+/-689.187 χ^2 /NDF: 4.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -558.960+/-482.496 χ^2 /NDF: 5.7/5

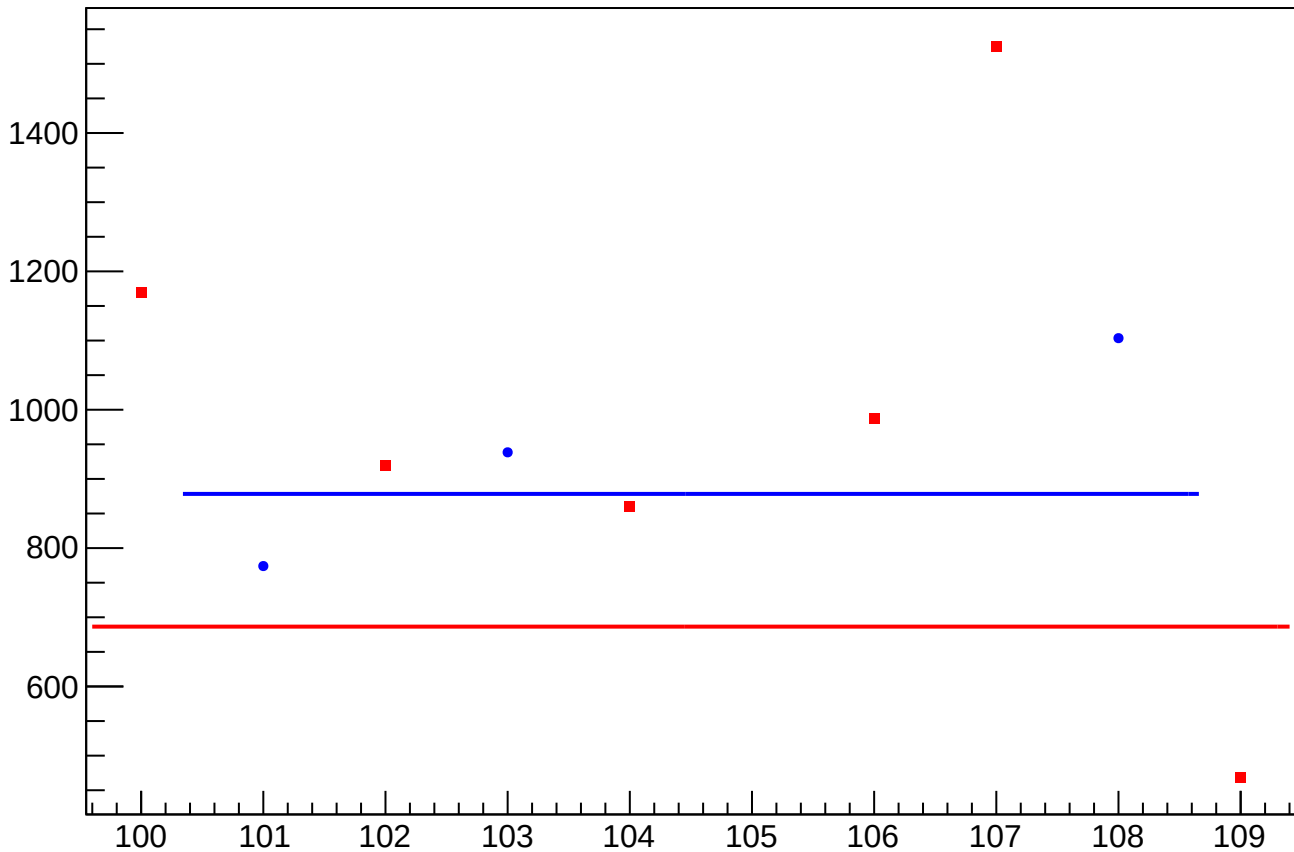
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -558.464+/-395.258 χ^2 /NDF: 9.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_overload_cor_correction_rms vs Slug



Right In: 878.341+/-0.487 χ^2/NDF : 61583.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.497+/-0.341 χ^2/NDF : 578008.6/5

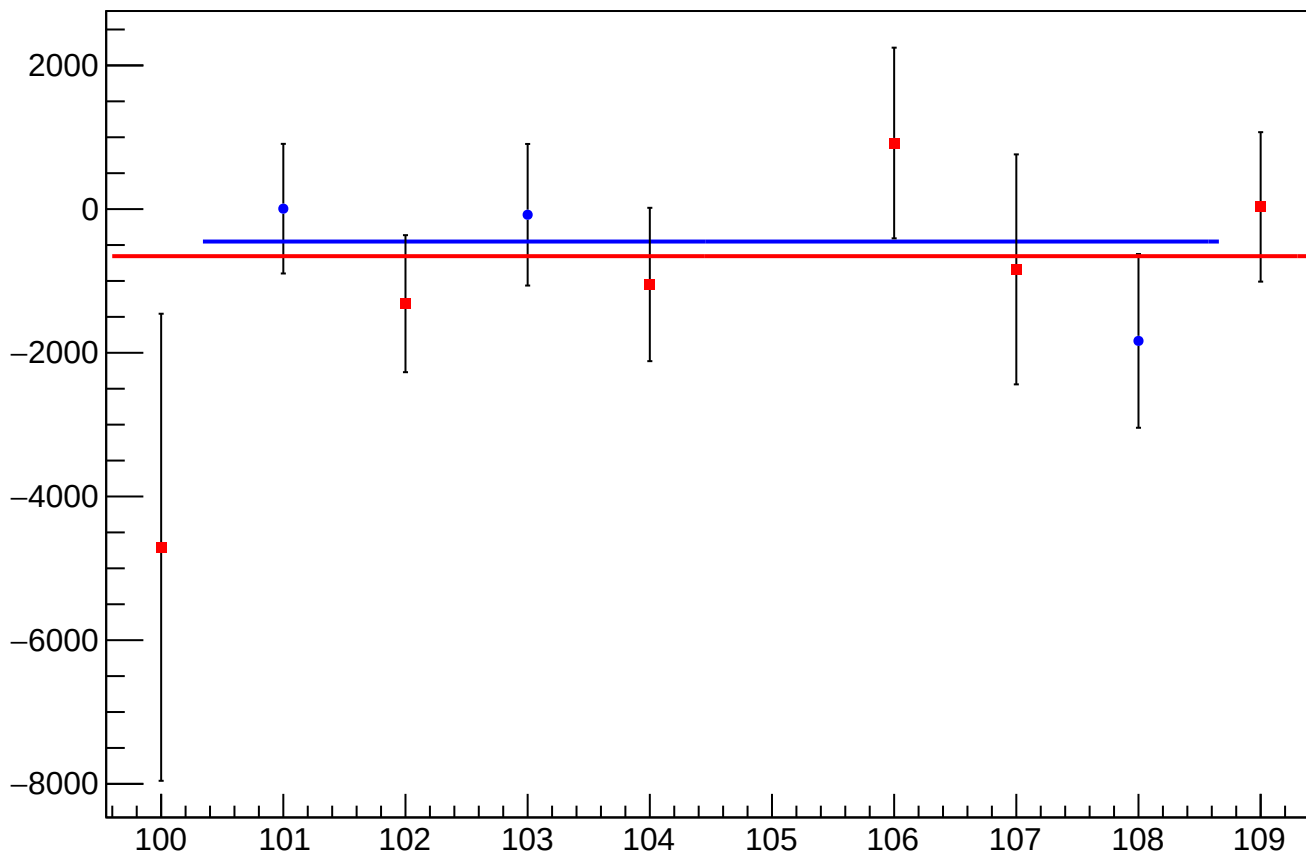
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.598+/-0.279 χ^2/NDF : 743590.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_mean vs Slug



Right In: -451.380 $\pm$ 582.943 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -655.001 $\pm$ 502.844 χ^2 /NDF: 4.0/5

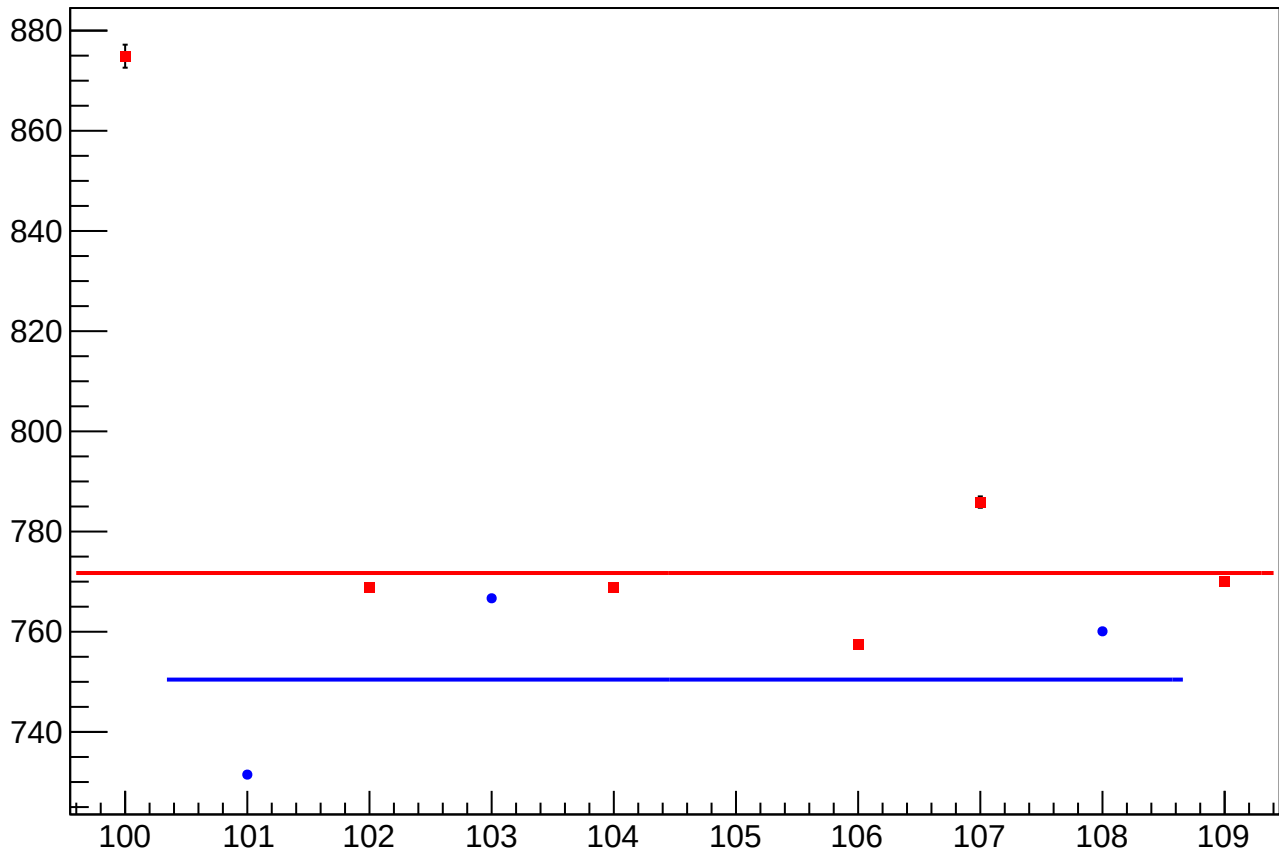
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -568.130 $\pm$ 380.760 χ^2 /NDF: 5.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_rms vs Slug



Right In: 750.449 $\pm$ 0.412 χ^2 /NDF: 1553.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 771.724 $\pm$ 0.356 χ^2 /NDF: 2439.1/5

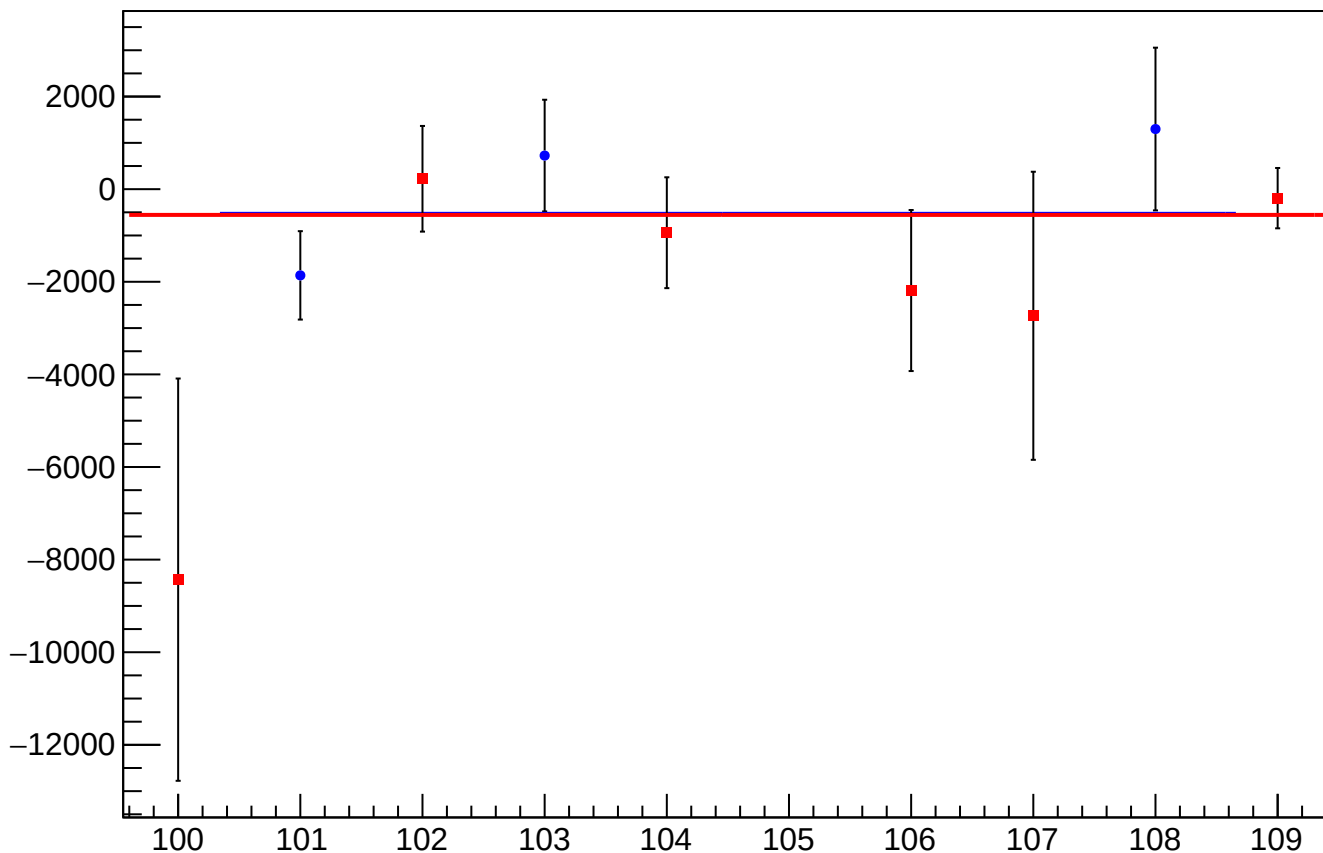
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 762.647 $\pm$ 0.269 χ^2 /NDF: 5520.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_cor_correction_mean vs Slug



Right In: -532.736+/-688.577 χ^2 /NDF: 4.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -555.634+/-481.749 χ^2 /NDF: 5.5/5

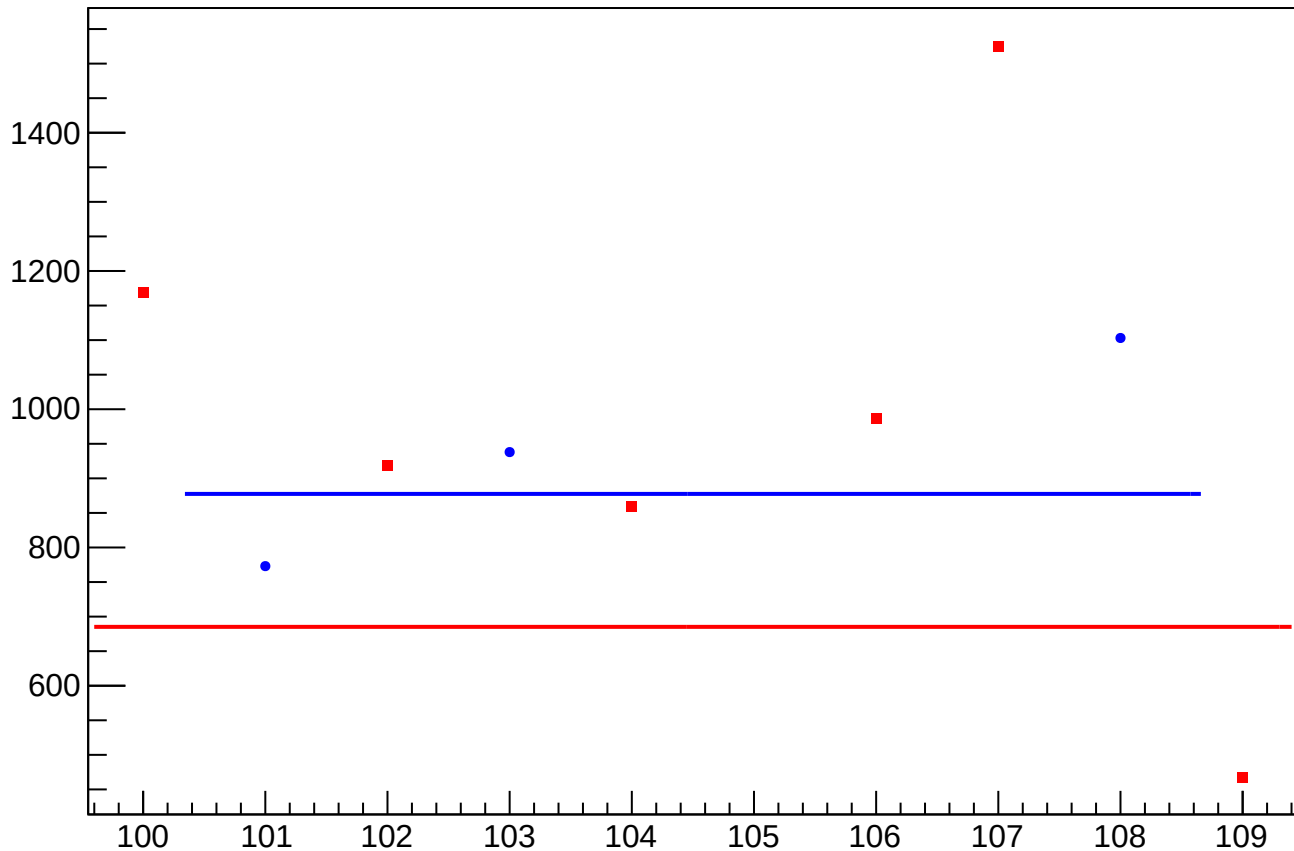
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -548.109+/-394.733 χ^2 /NDF: 9.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_cor_correction_rms vs Slug



Right In: 877.511+/-0.487 χ^2/NDF : 61952.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.176+/-0.341 χ^2/NDF : 580744.8/5

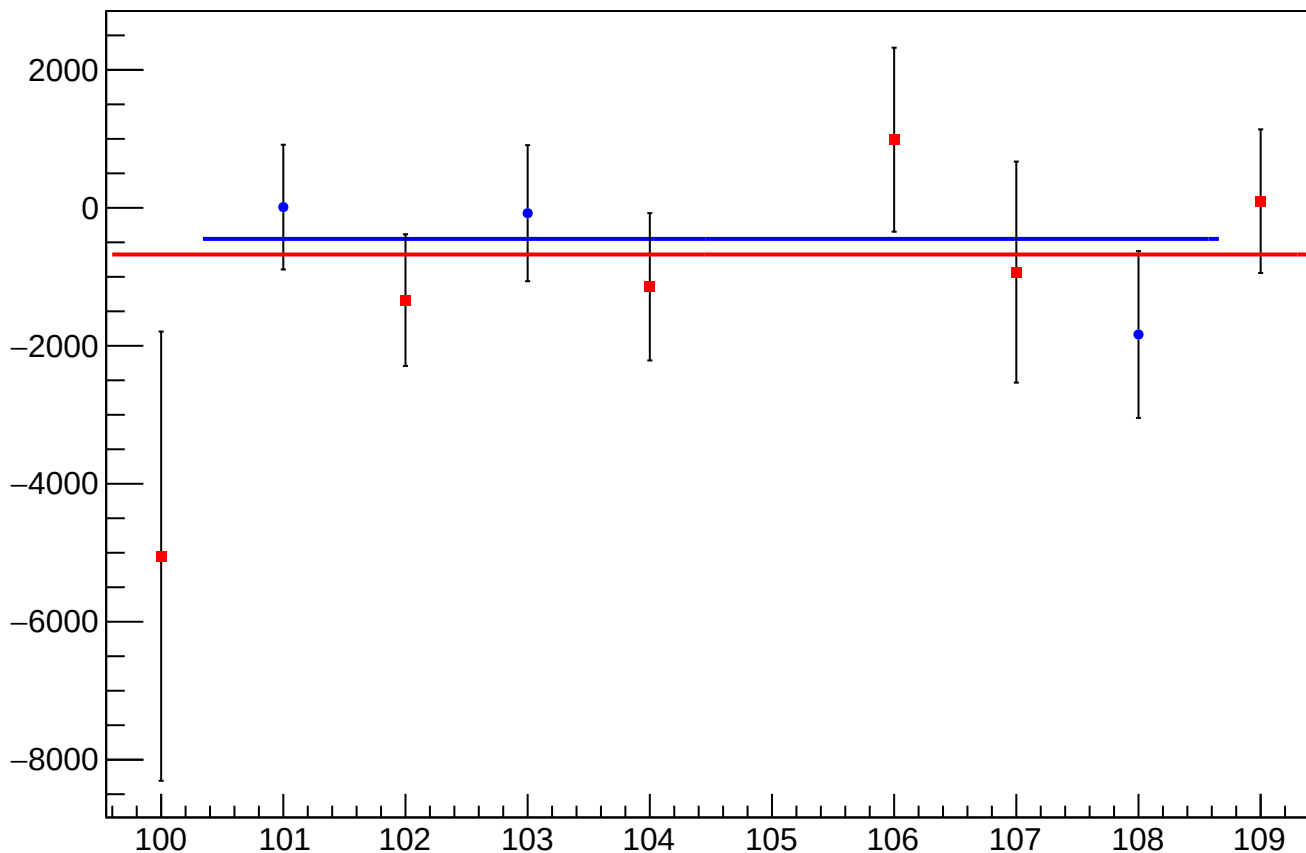
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 748.382+/-0.279 χ^2/NDF : 747460.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_mean vs Slug



Right In: -450.206 $\pm$ 583.819 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -676.121 $\pm$ 503.607 χ^2 /NDF: 4.6/5

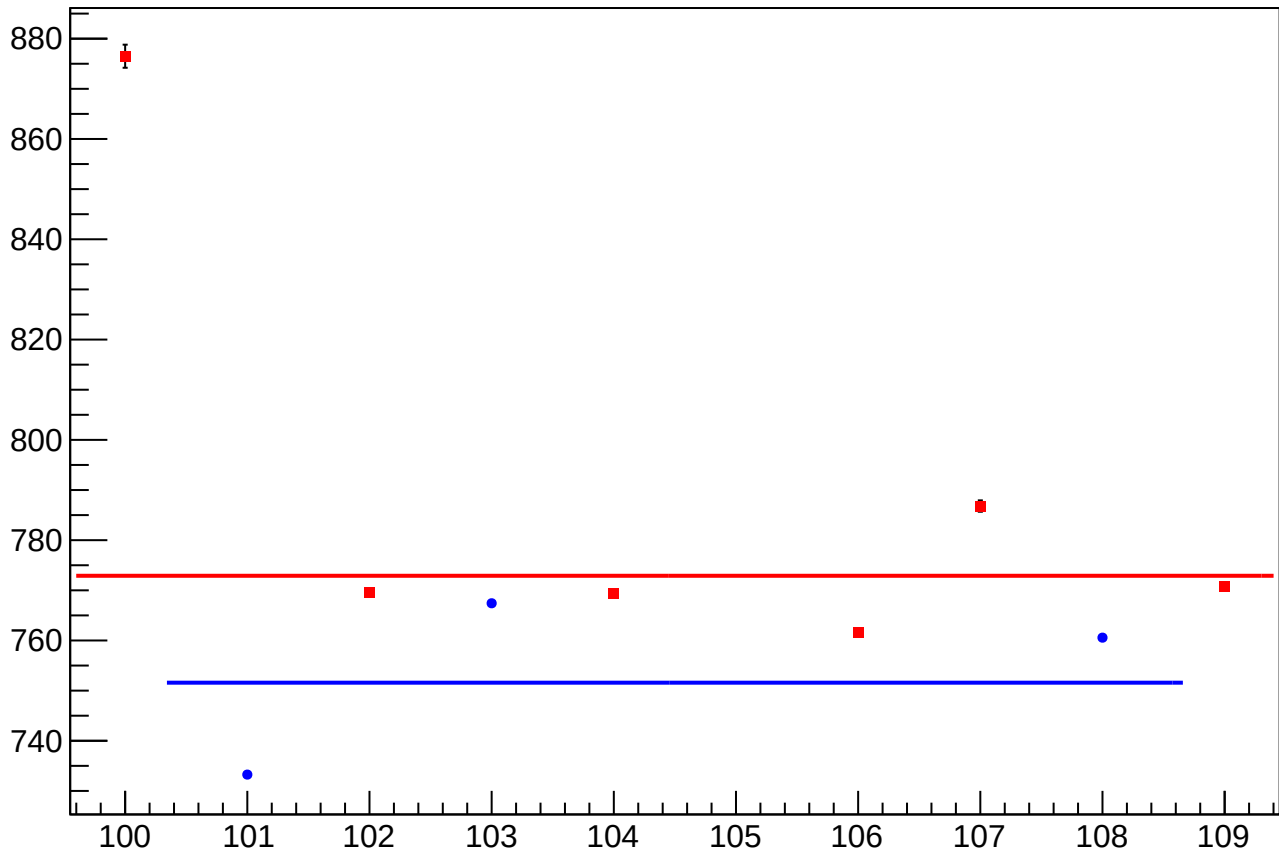
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -579.737 $\pm$ 381.336 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 751.585 $\pm$ 0.413 χ^2 /NDF: 1447.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 772.902 $\pm$ 0.356 χ^2 /NDF: 2374.3/5

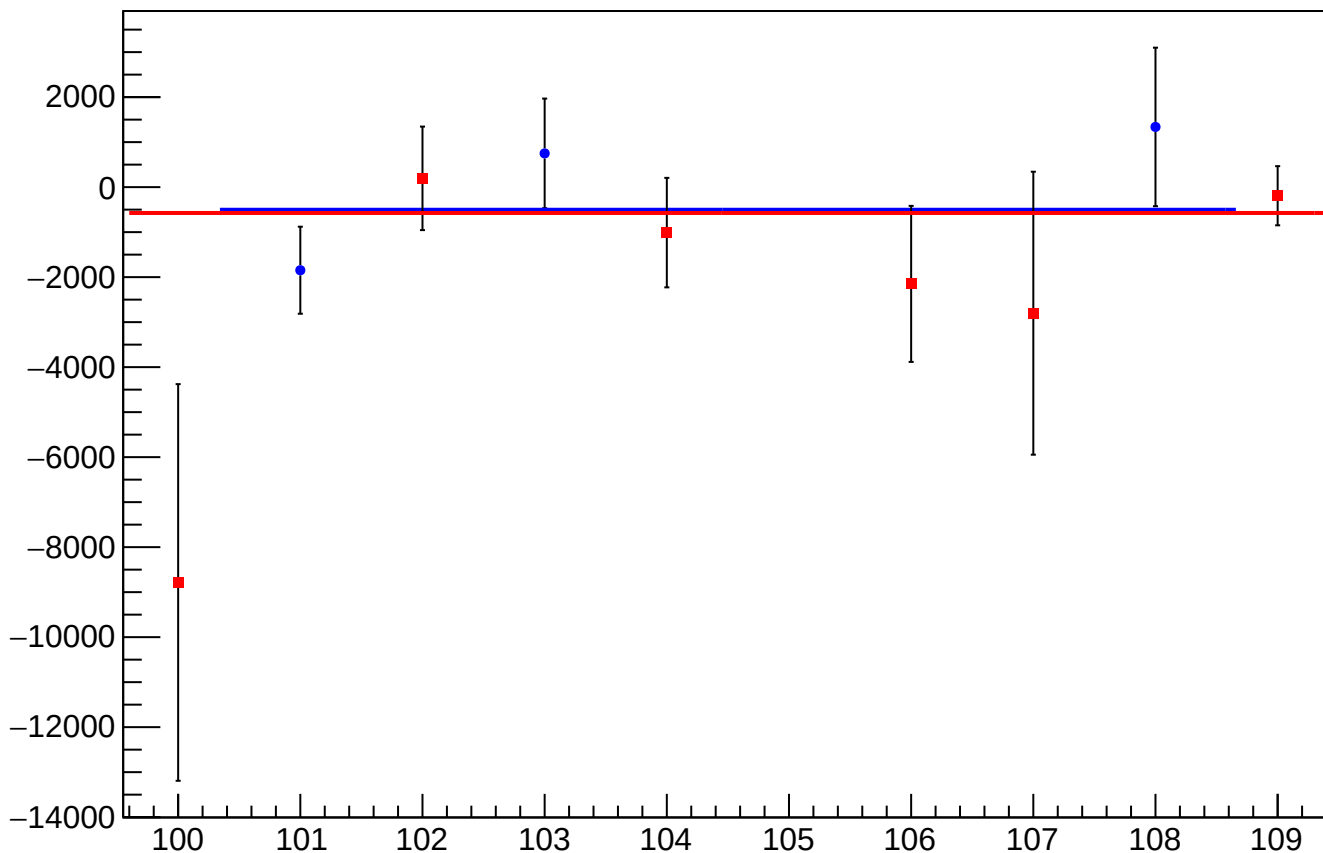
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 763.807 $\pm$ 0.270 χ^2 /NDF: 5350.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_dit_correction_mean vs Slug



Right In: -502.631+/-695.809 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -574.053 ± 486.133 χ^2/NDF : 5.7/5

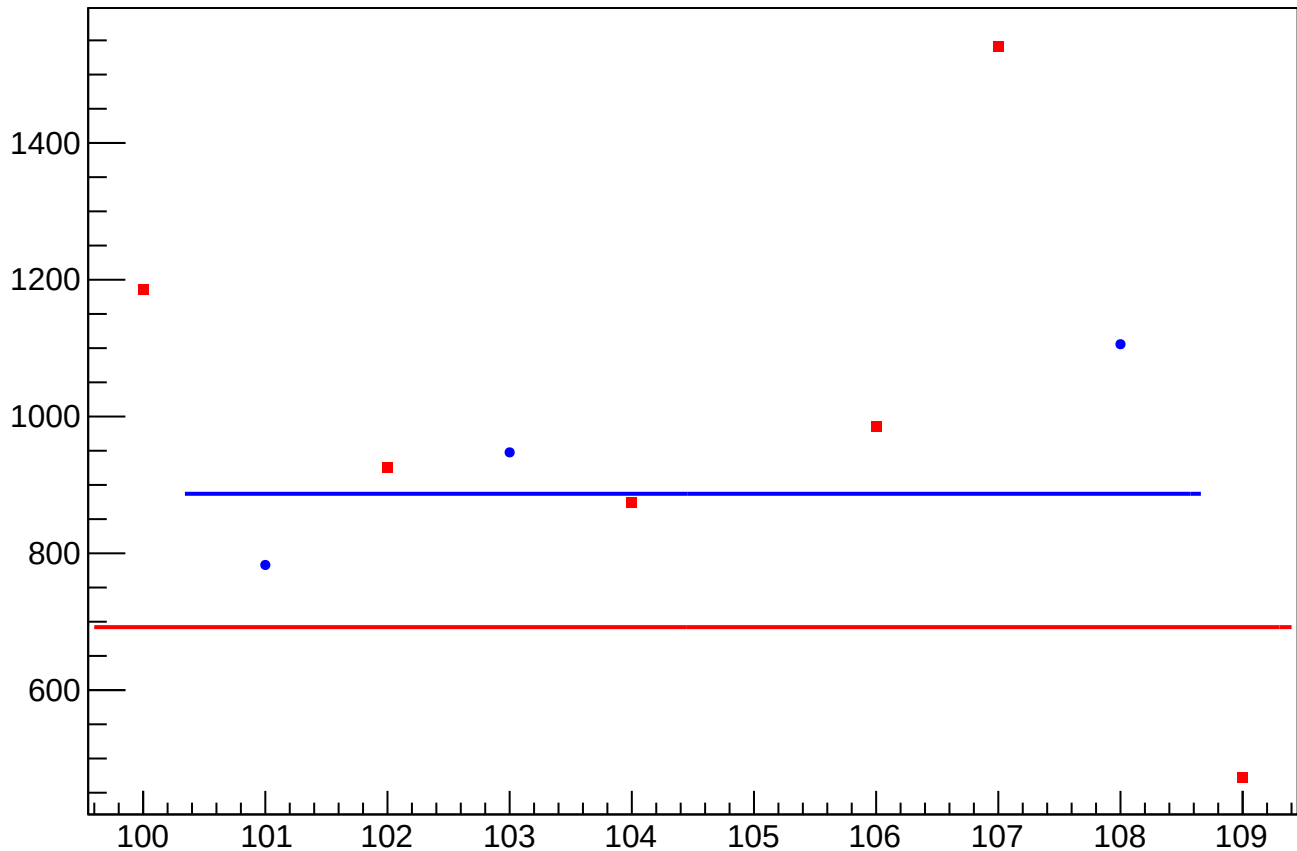
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -550.626 ± 398.507 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_correction_rms vs Slug



Right In: 887.060 $\pm$ 0.492 χ^2 /NDF: 58918.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 692.100 $\pm$ 0.344 χ^2 /NDF: 579617.1/5

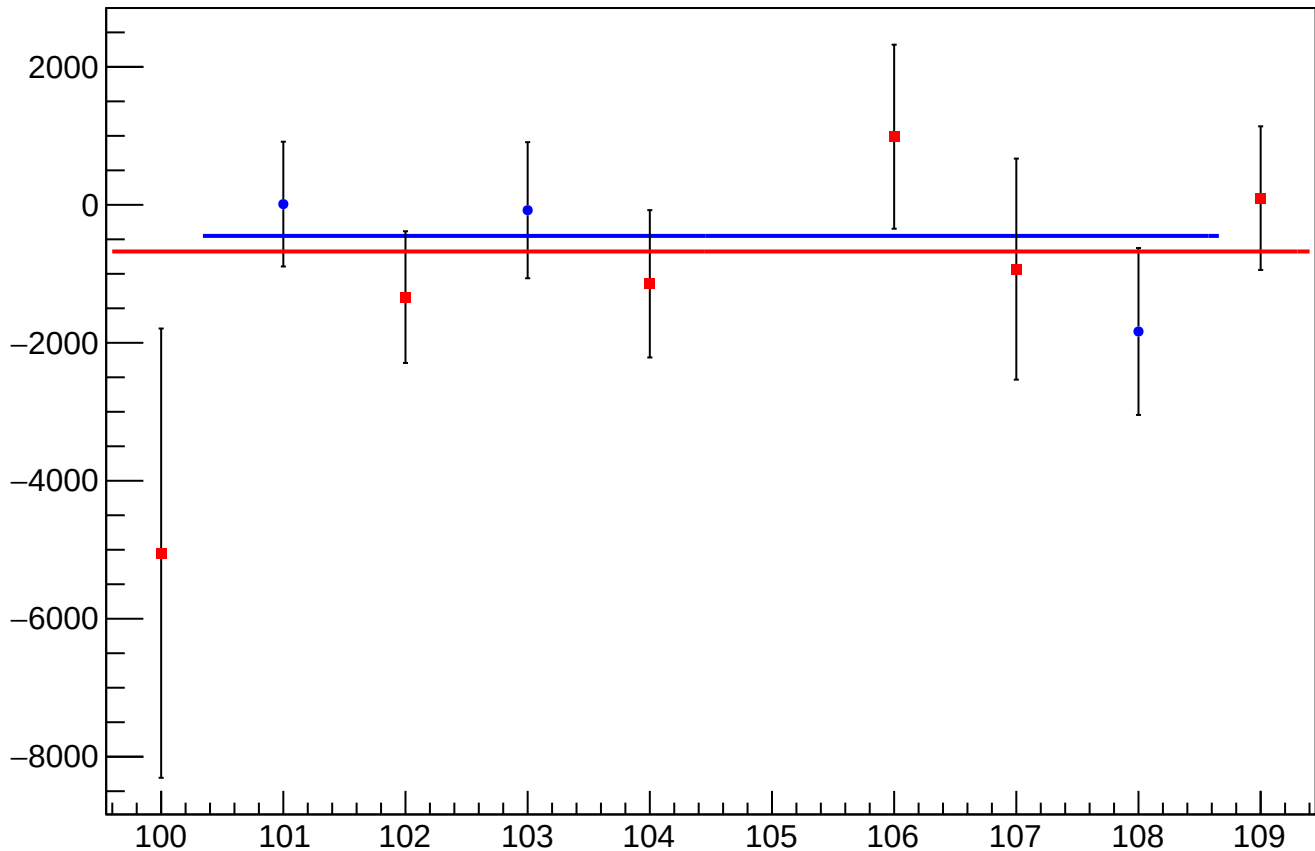
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 756.049 $\pm$ 0.282 χ^2 /NDF: 744047.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_mean vs Slug



Right In: -450.204 $\pm$ 583.819 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -676.120 $\pm$ 503.607 χ^2 /NDF: 4.6/5

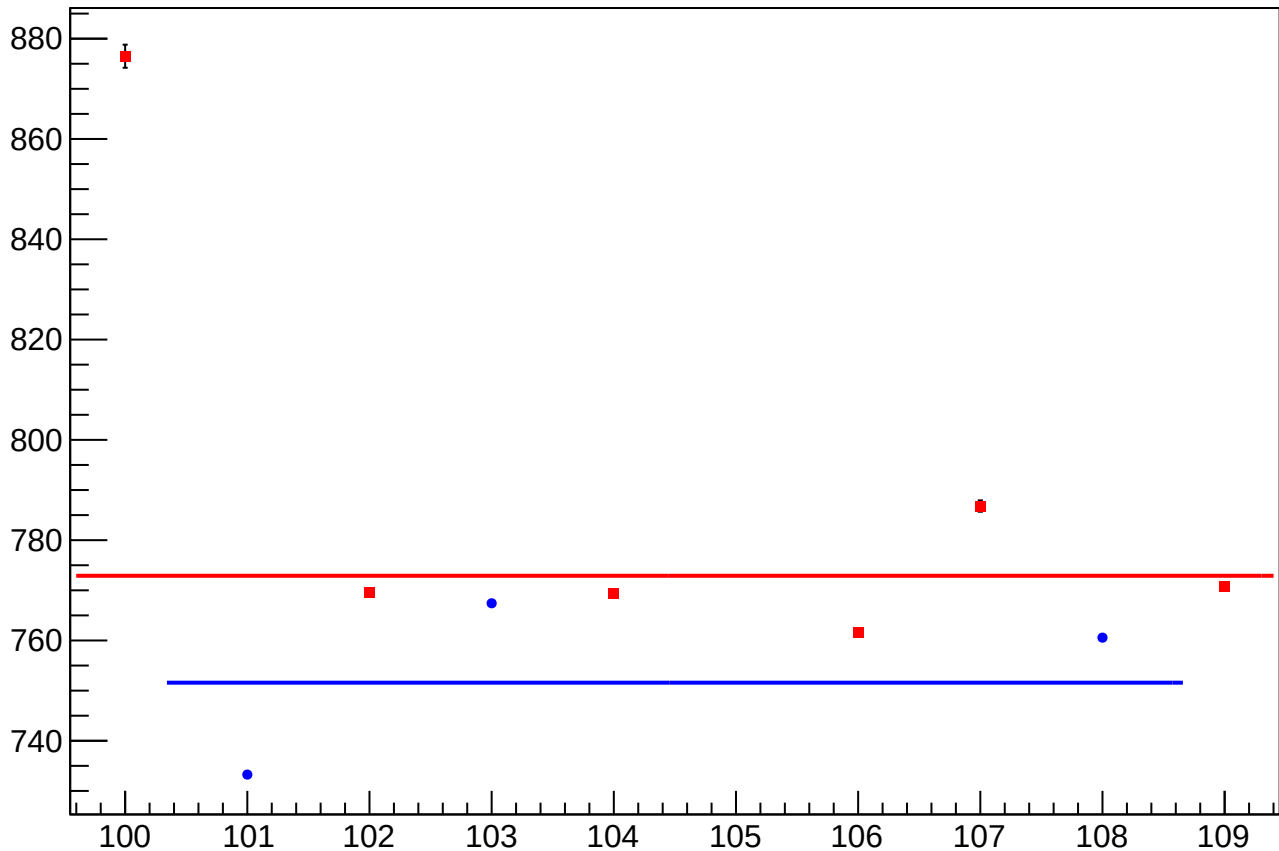
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -579.736 $\pm$ 381.336 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_rms vs Slug



Right In: 751.585 $\pm$ 0.413 χ^2 /NDF: 1447.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 772.902 $\pm$ 0.356 χ^2 /NDF: 2374.3/5

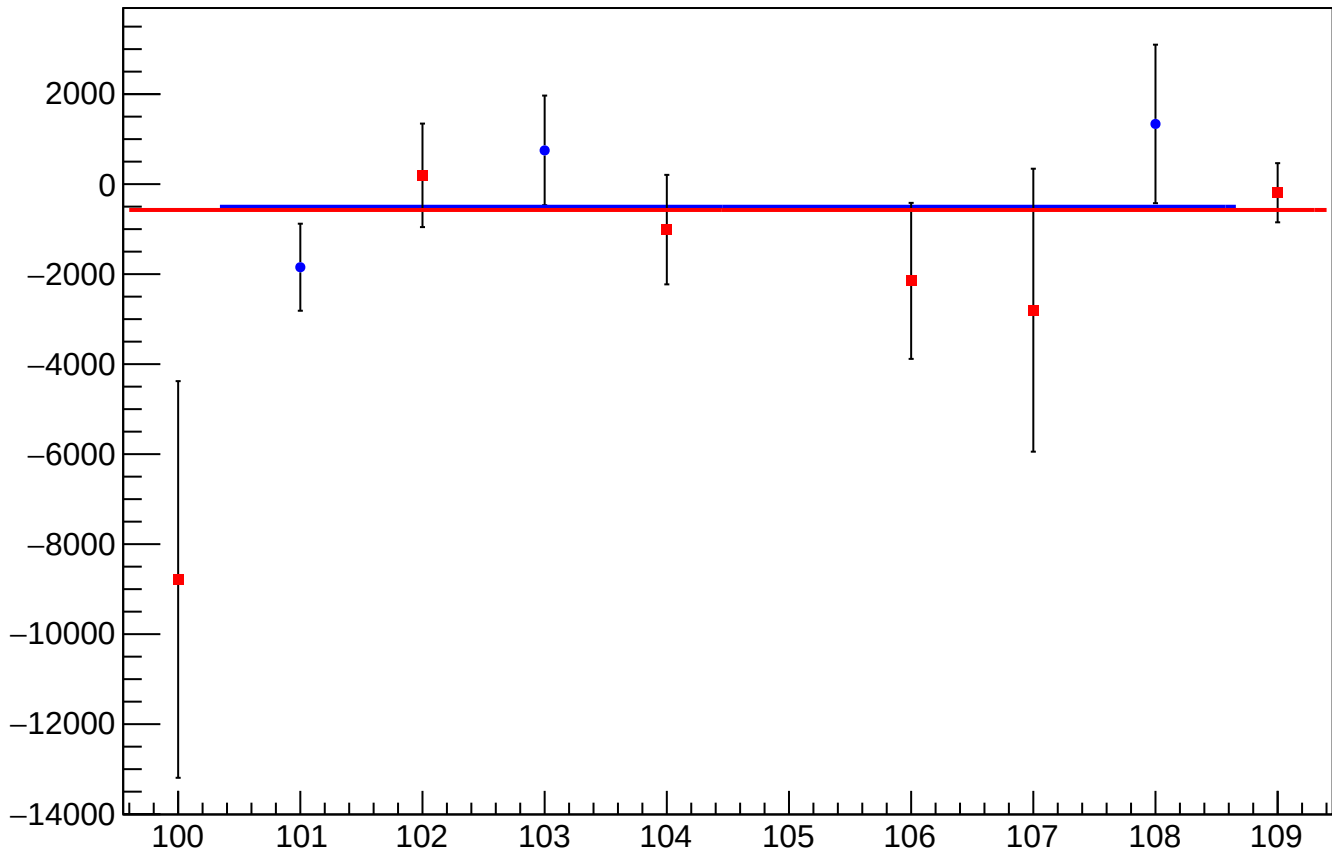
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 763.807 $\pm$ 0.270 χ^2 /NDF: 5350.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_correction_mean vs Slug



Right In: -502.633+/-695.809 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -574.054+/-486.132 χ^2/NDF : 5.7/5

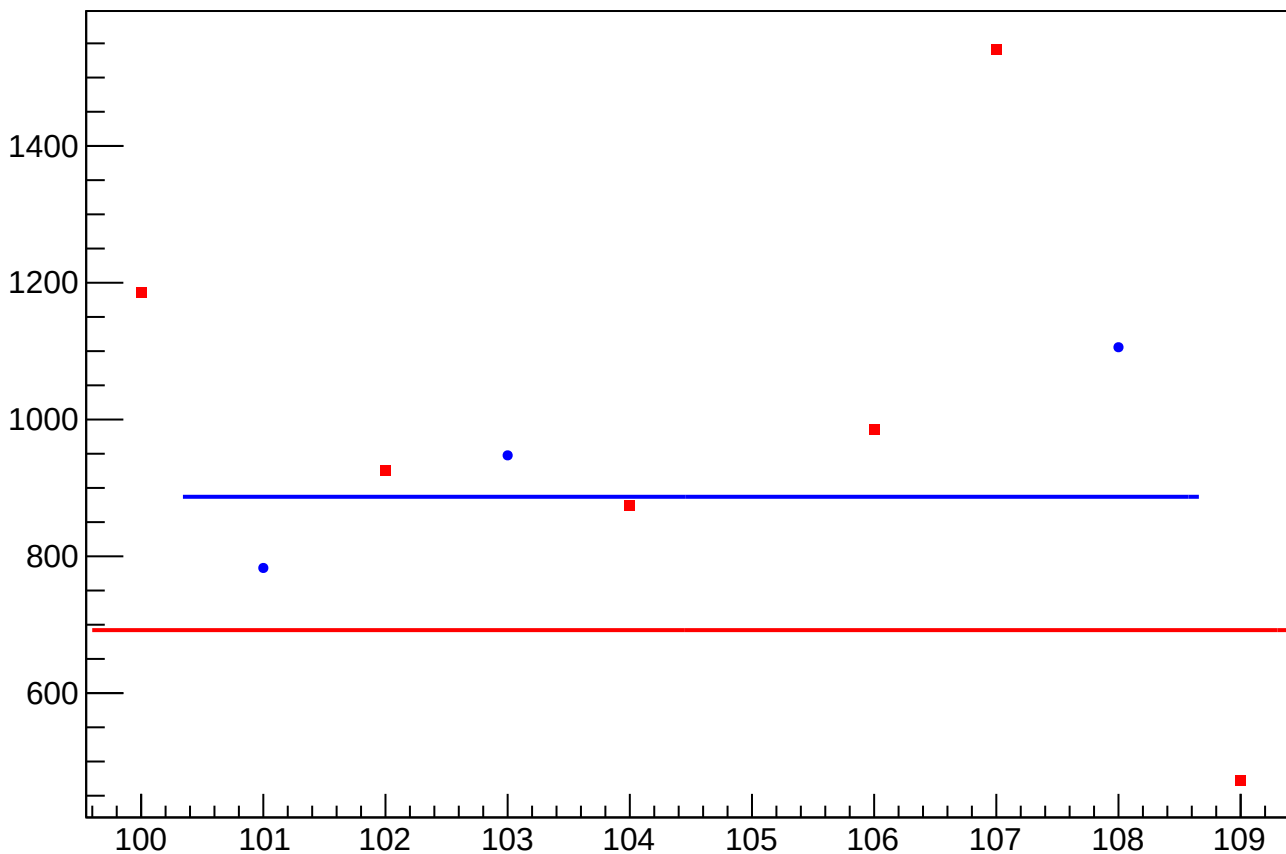
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -550.627+/-398.506 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 887.060 $\pm$ 0.492 χ^2 /NDF: 58918.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 692.098 $\pm$ 0.344 χ^2 /NDF: 579628.3/5

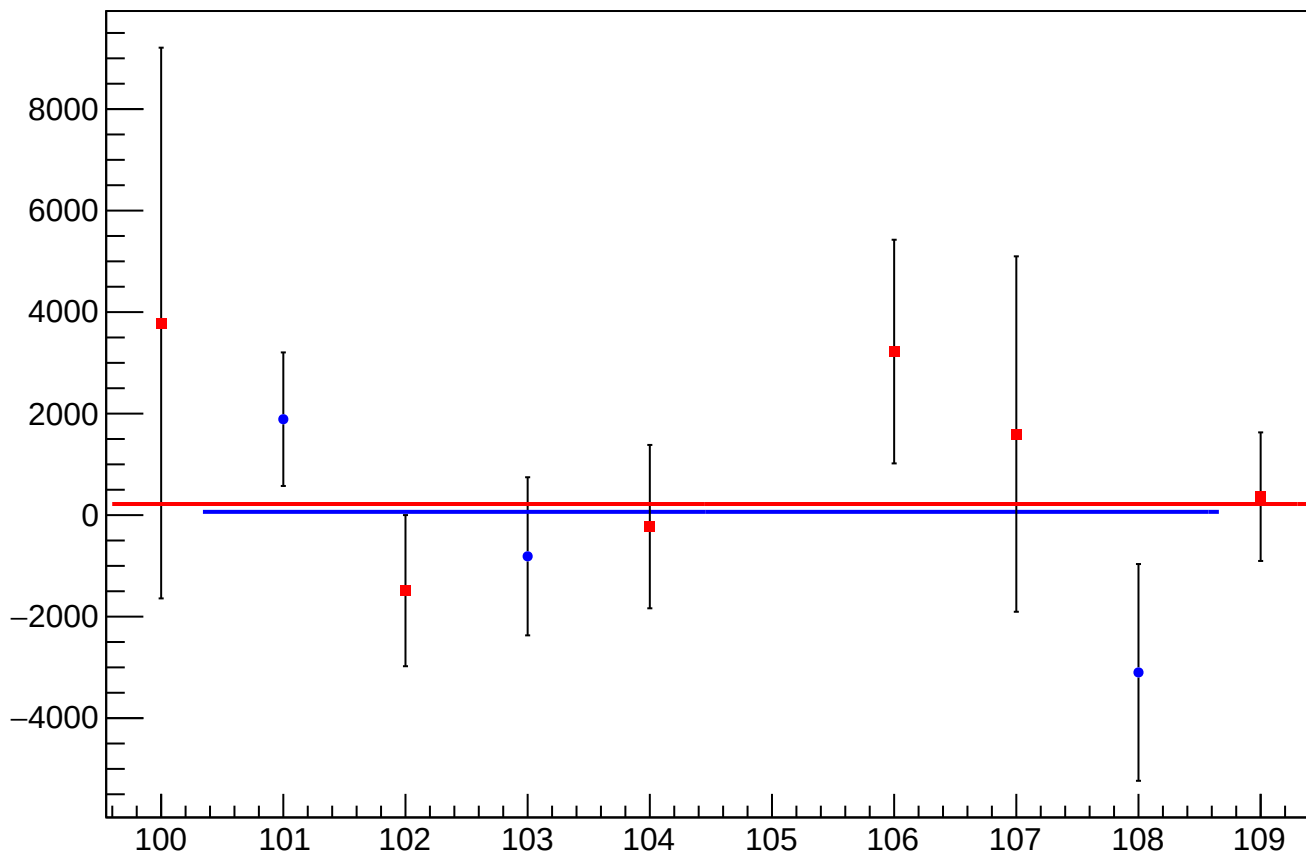
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 756.048 $\pm$ 0.282 χ^2 /NDF: 744062.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_mean vs Slug



Right In: 64.391+/-909.411 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.093+/-749.129 χ^2/NDF : 3.8/5

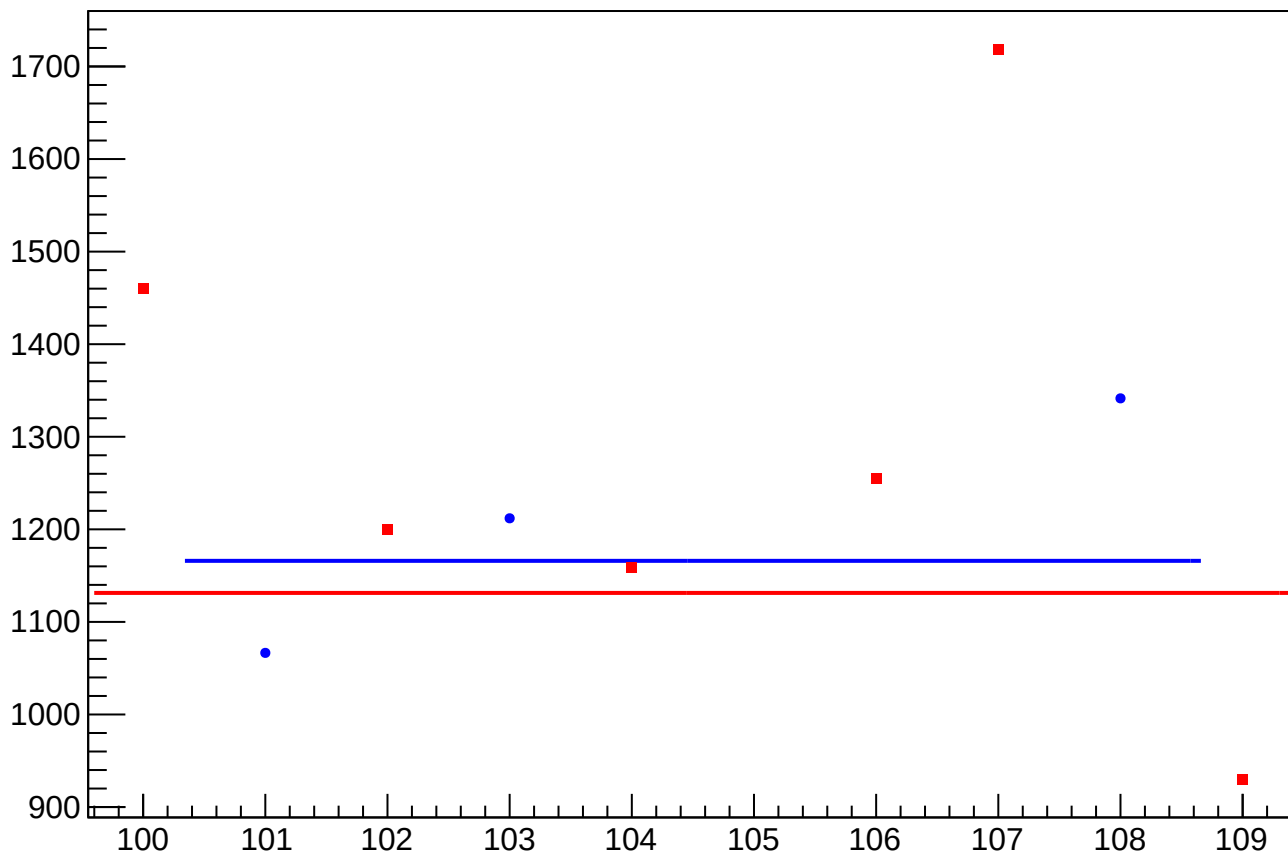
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.554+/-578.212 χ^2/NDF : 8.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_rms vs Slug



Right In: 1165.967 $\pm$ 0.643 χ^2 /NDF: 26673.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1131.315 $\pm$ 0.530 χ^2 /NDF: 125469.9/5

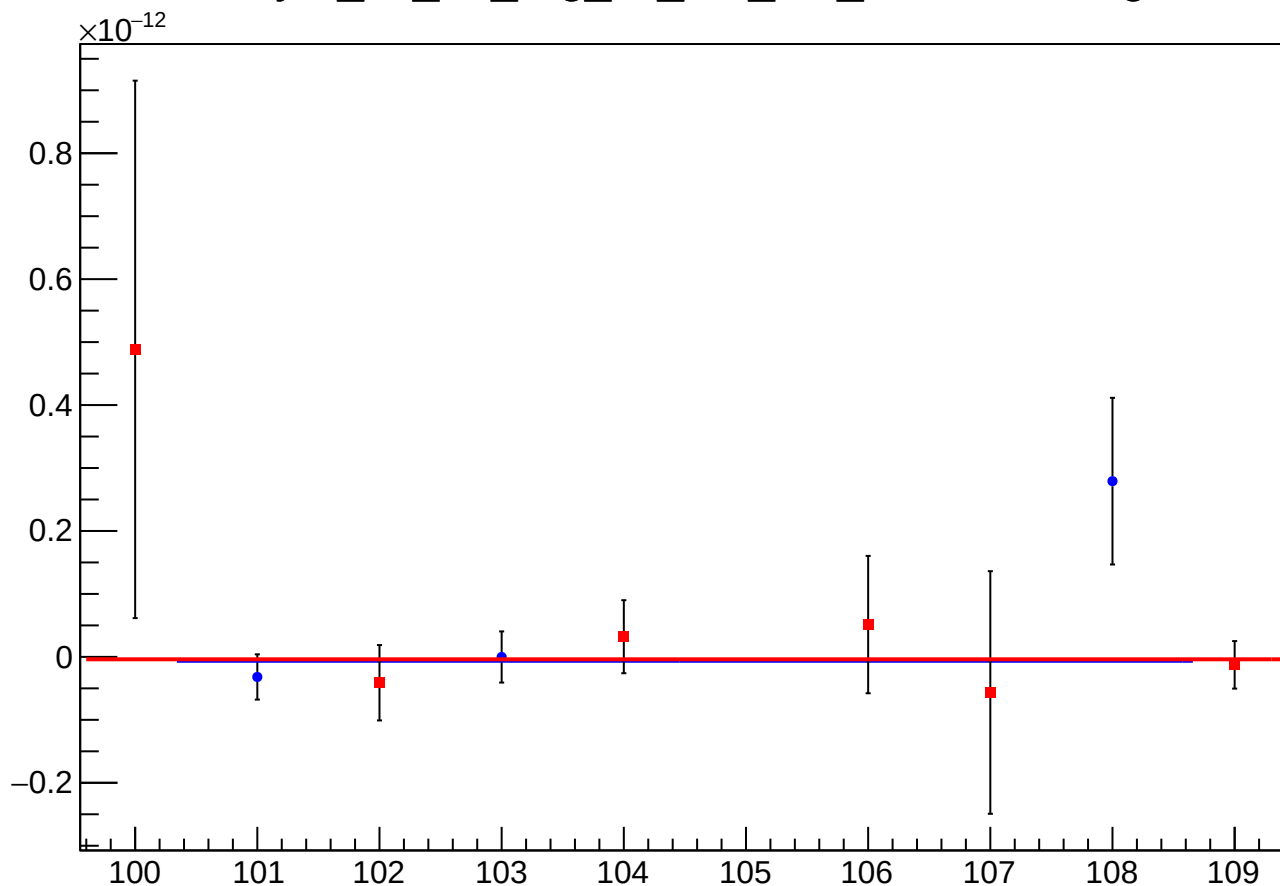
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1145.323 $\pm$ 0.409 χ^2 /NDF: 153873.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/5

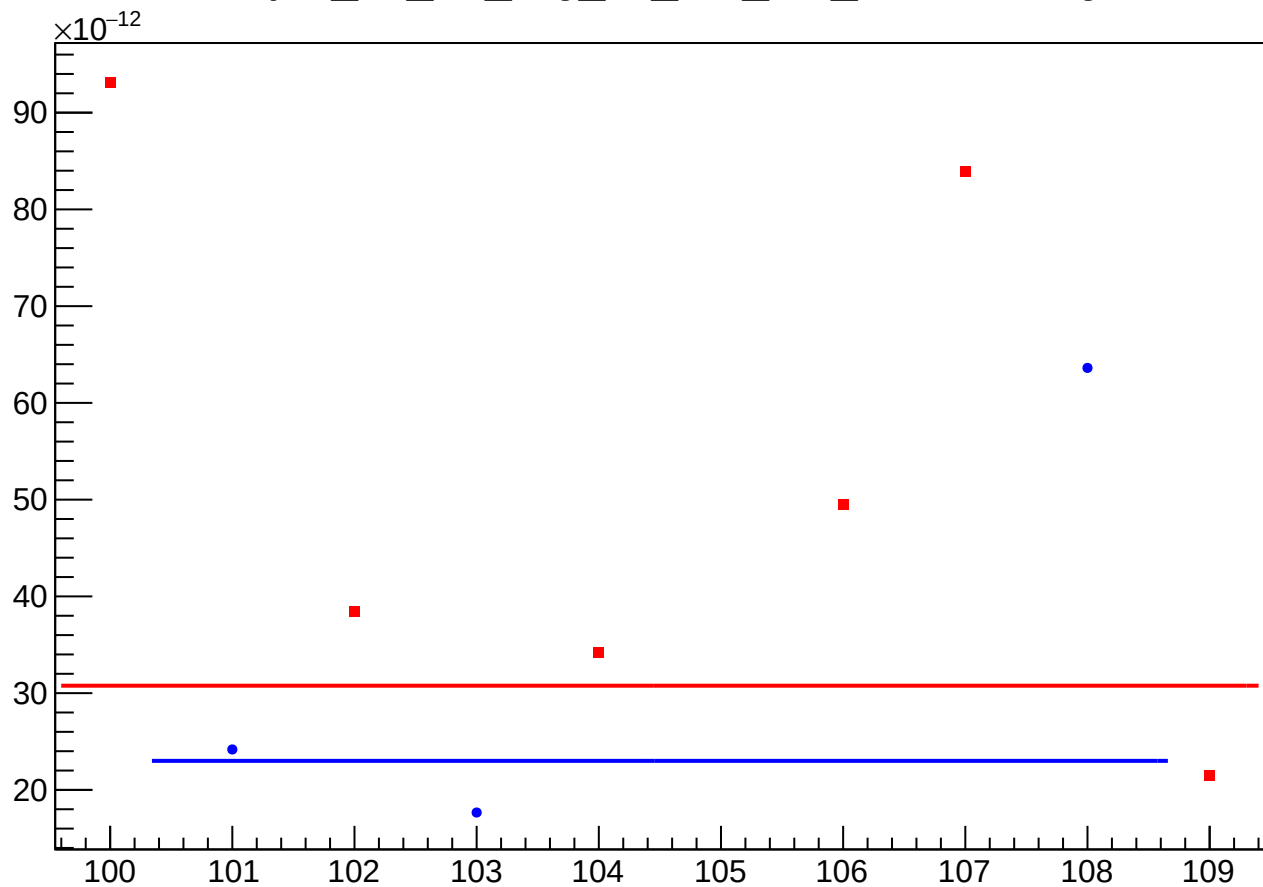
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 225053.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 412790.7/5

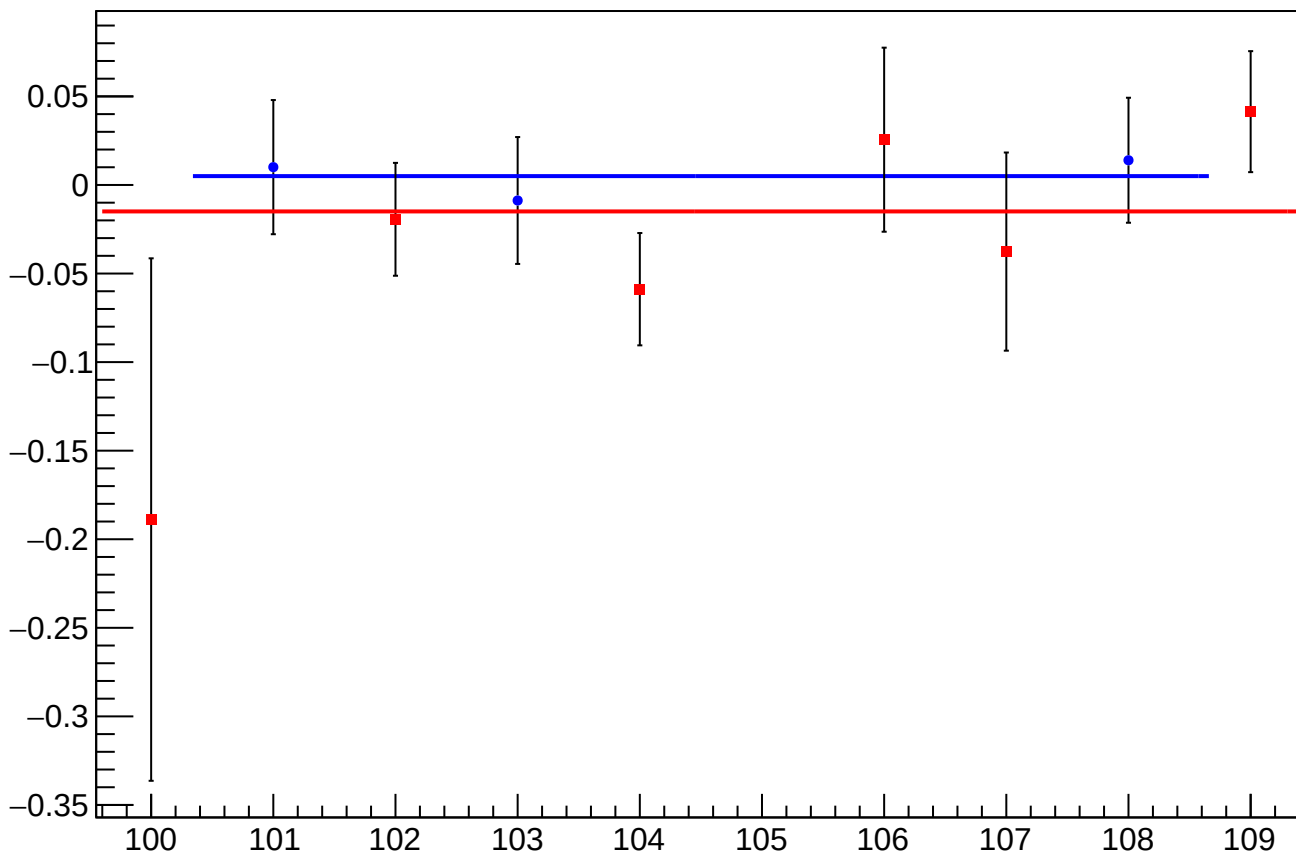
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 723286.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.017 χ^2 /NDF: 6.8/5

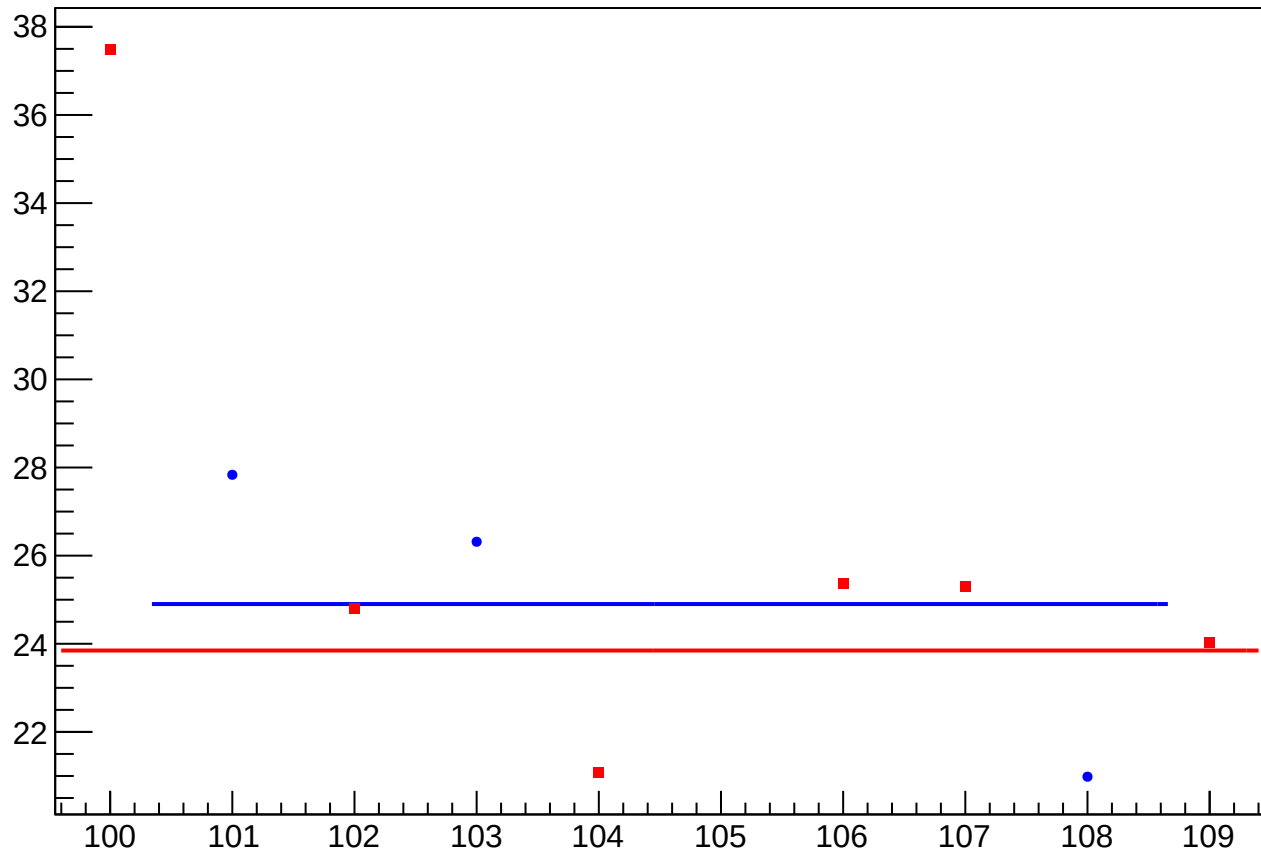
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 24.901 $\pm$ 0.015 χ^2 /NDF: 39771.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.847 $\pm$ 0.012 χ^2 /NDF: 37238.4/5

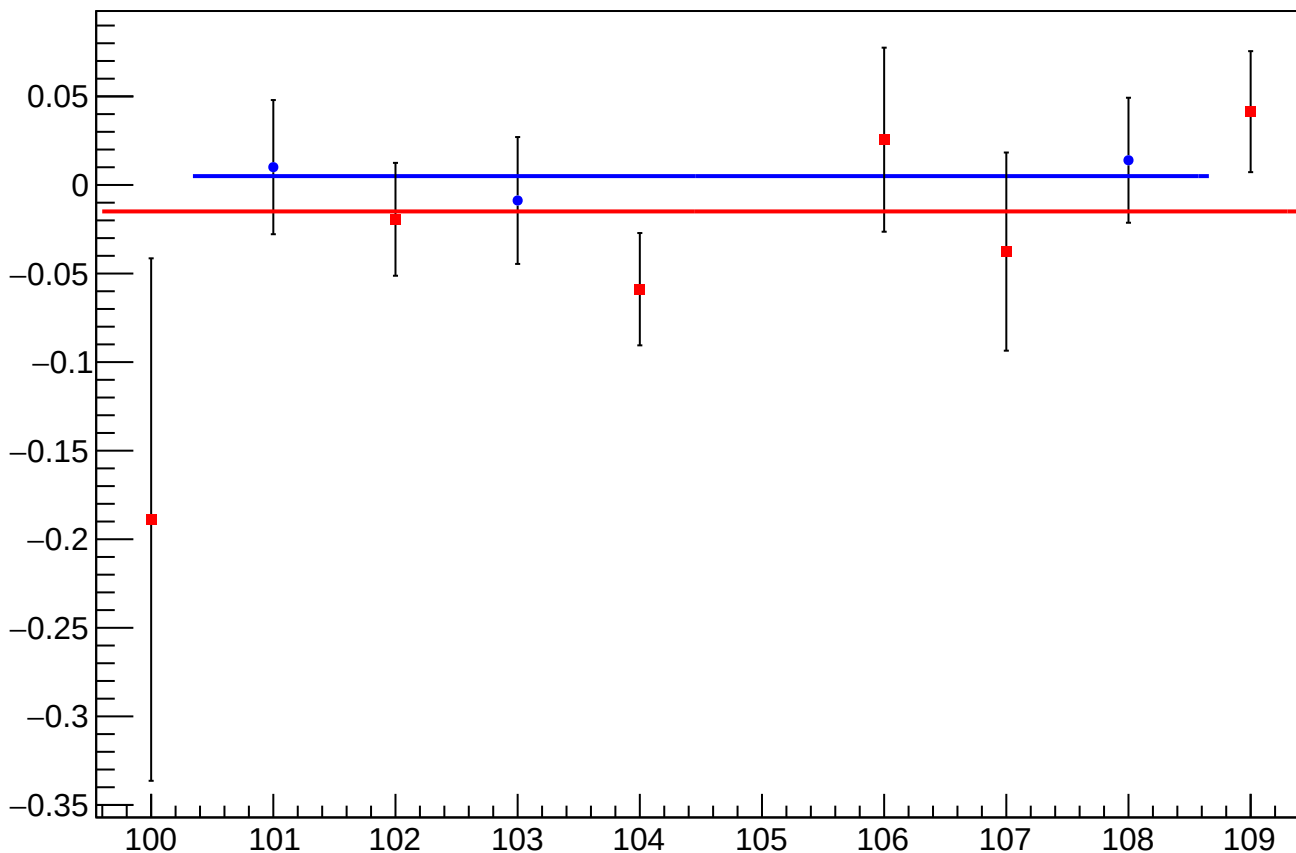
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.258 $\pm$ 0.009 χ^2 /NDF: 80105.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.017 χ^2 /NDF: 6.8/5

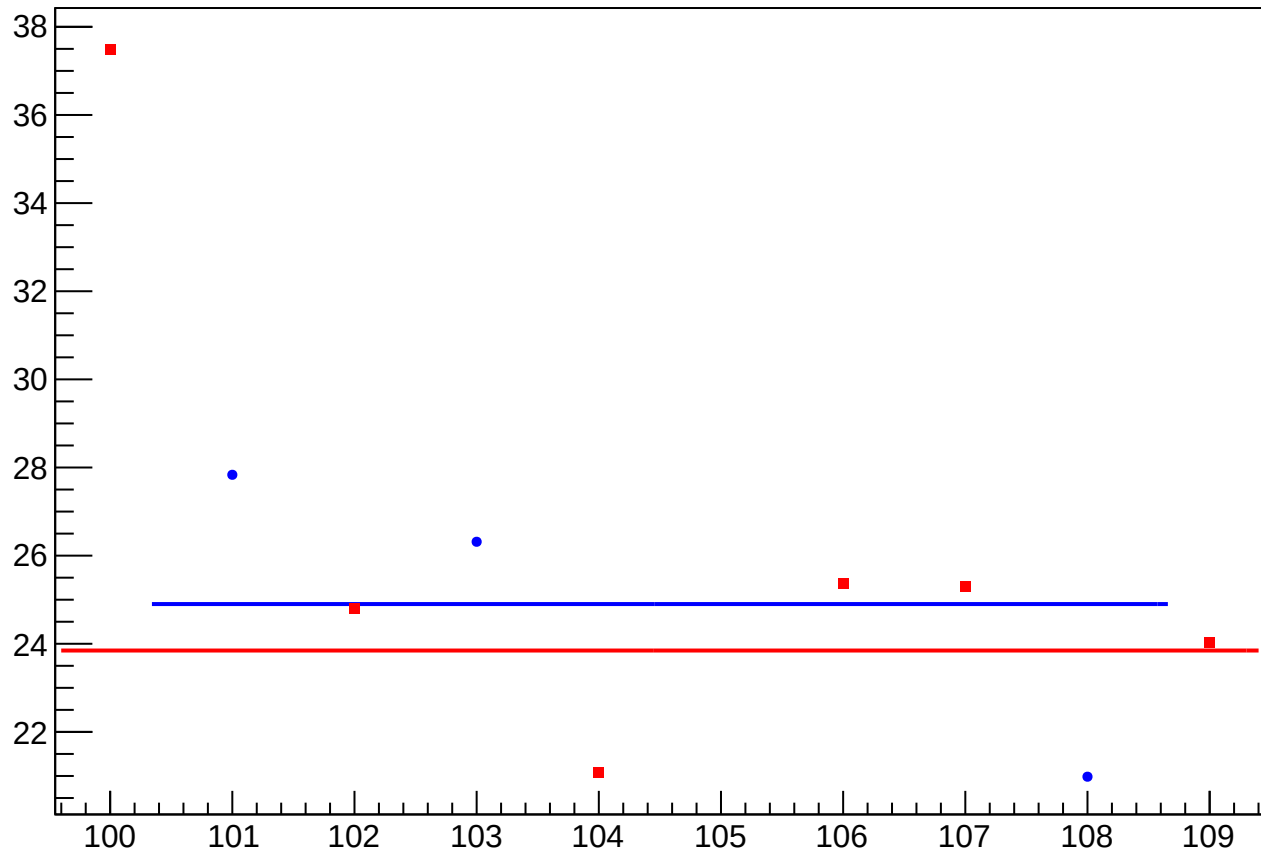
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.901 $\pm$ 0.015 χ^2 /NDF: 39771.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.847 $\pm$ 0.012 χ^2 /NDF: 37238.4/5

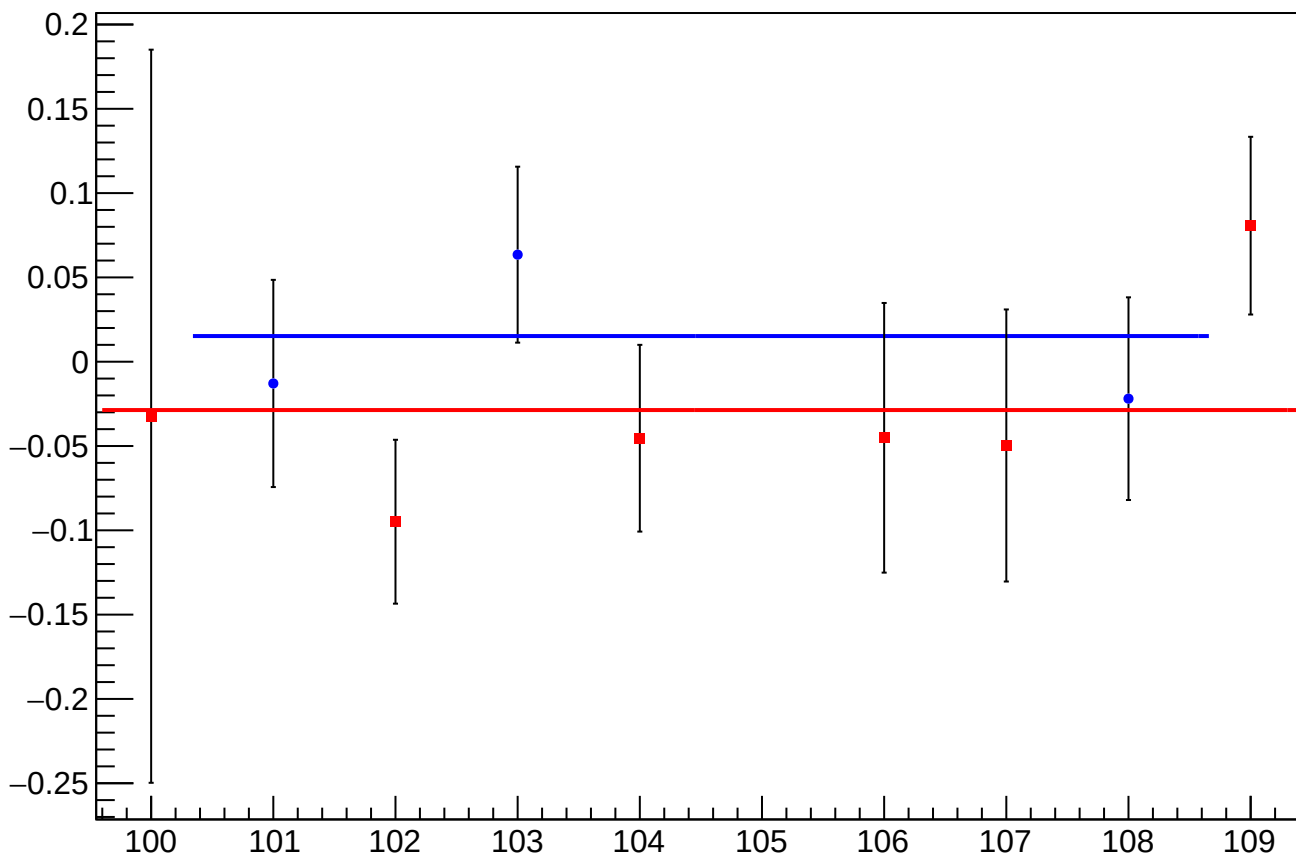
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.258 $\pm$ 0.009 χ^2 /NDF: 80105.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.015 $\pm$ 0.033 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.029 $\pm$ 0.026 χ^2 /NDF: 6.4/5

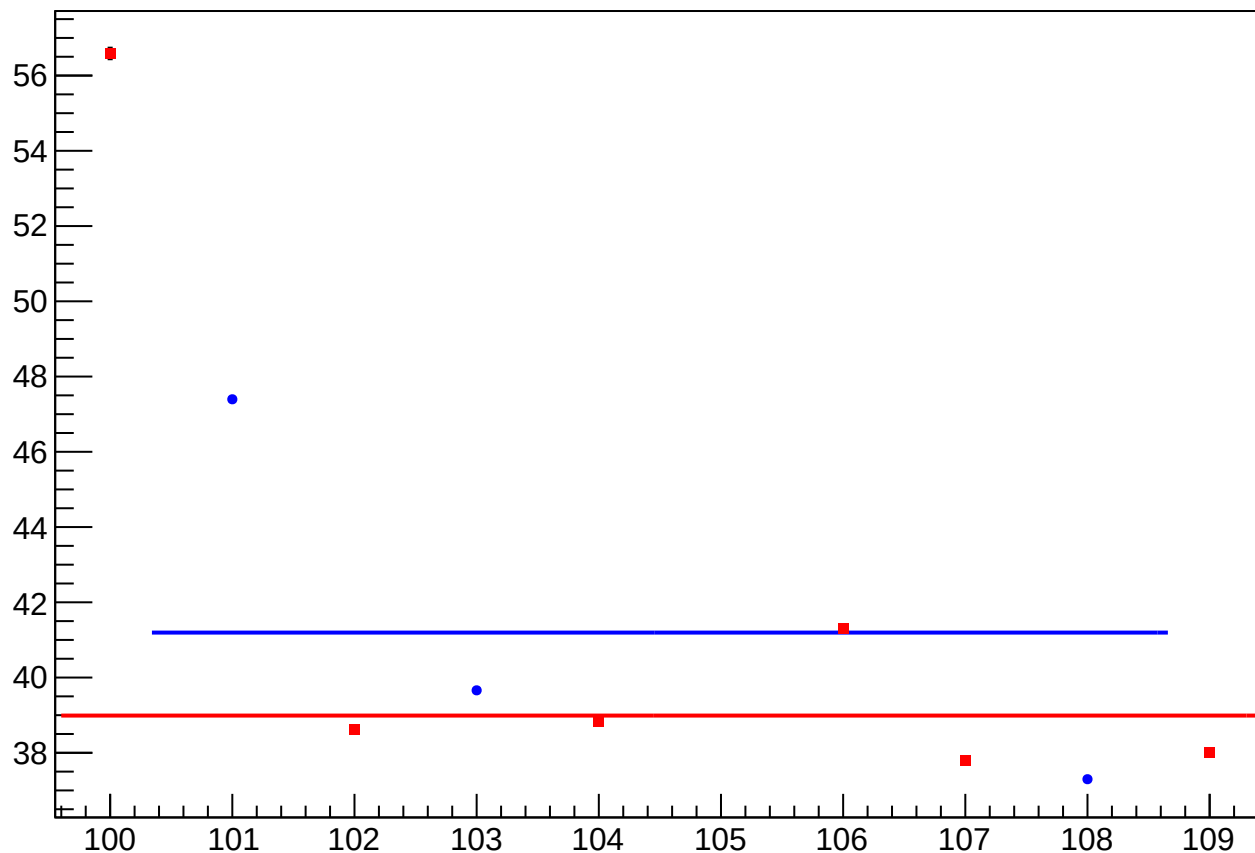
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.012 $\pm$ 0.021 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug



Right In: 41.195 $\pm$ 0.023 χ^2 /NDF: 30507.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.989 $\pm$ 0.019 χ^2 /NDF: 16014.4/5

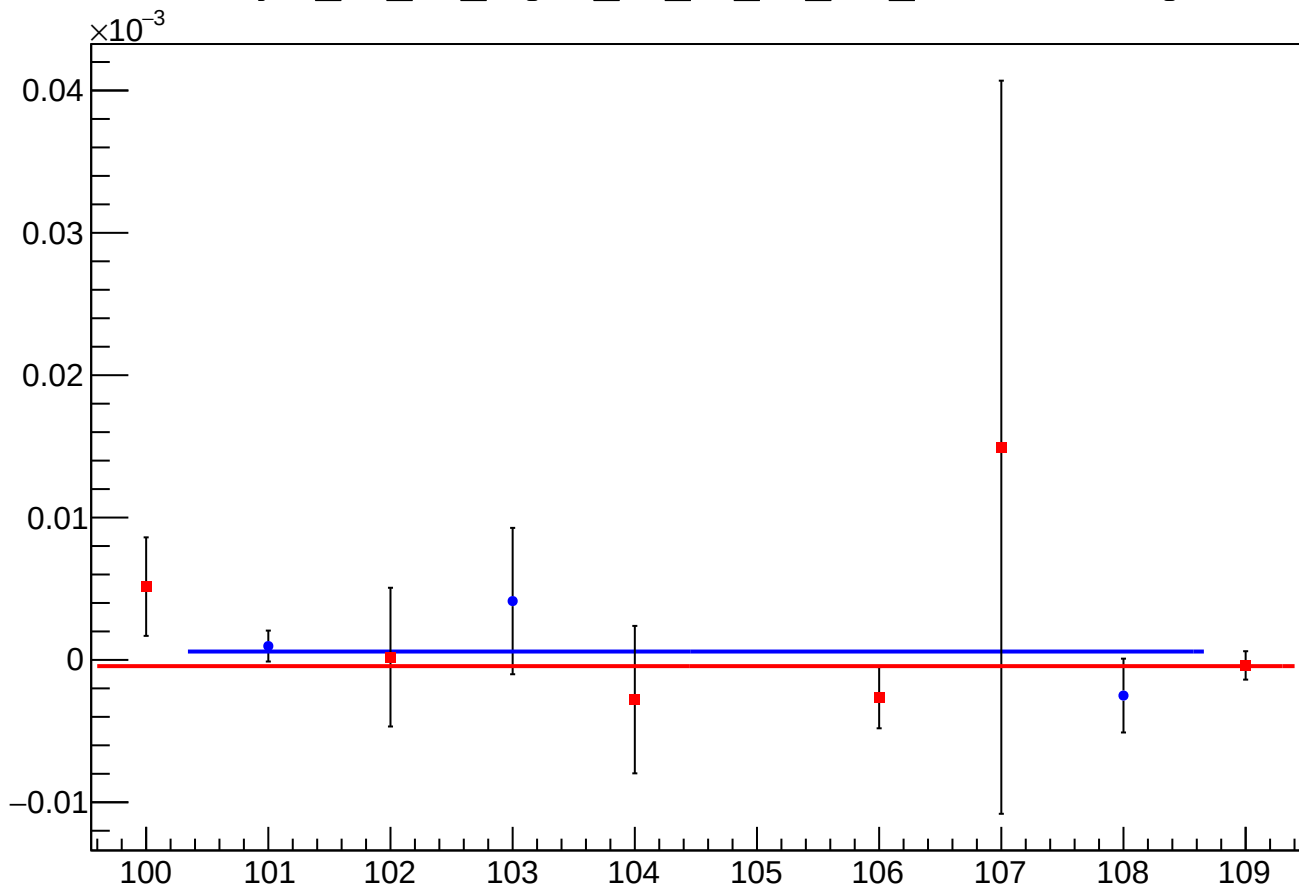
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.843 $\pm$ 0.015 χ^2 /NDF: 51944.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/5

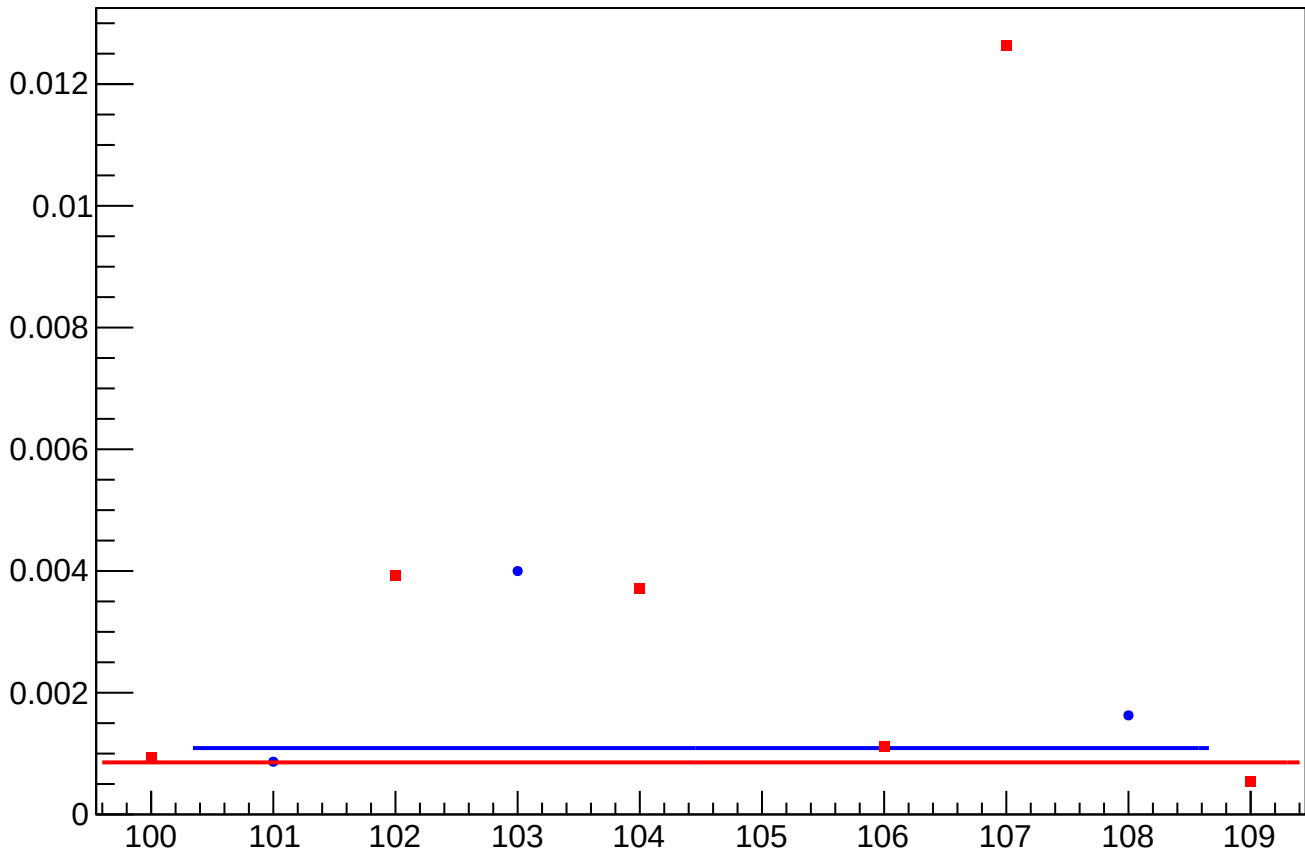
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 811393.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2054080.0/5

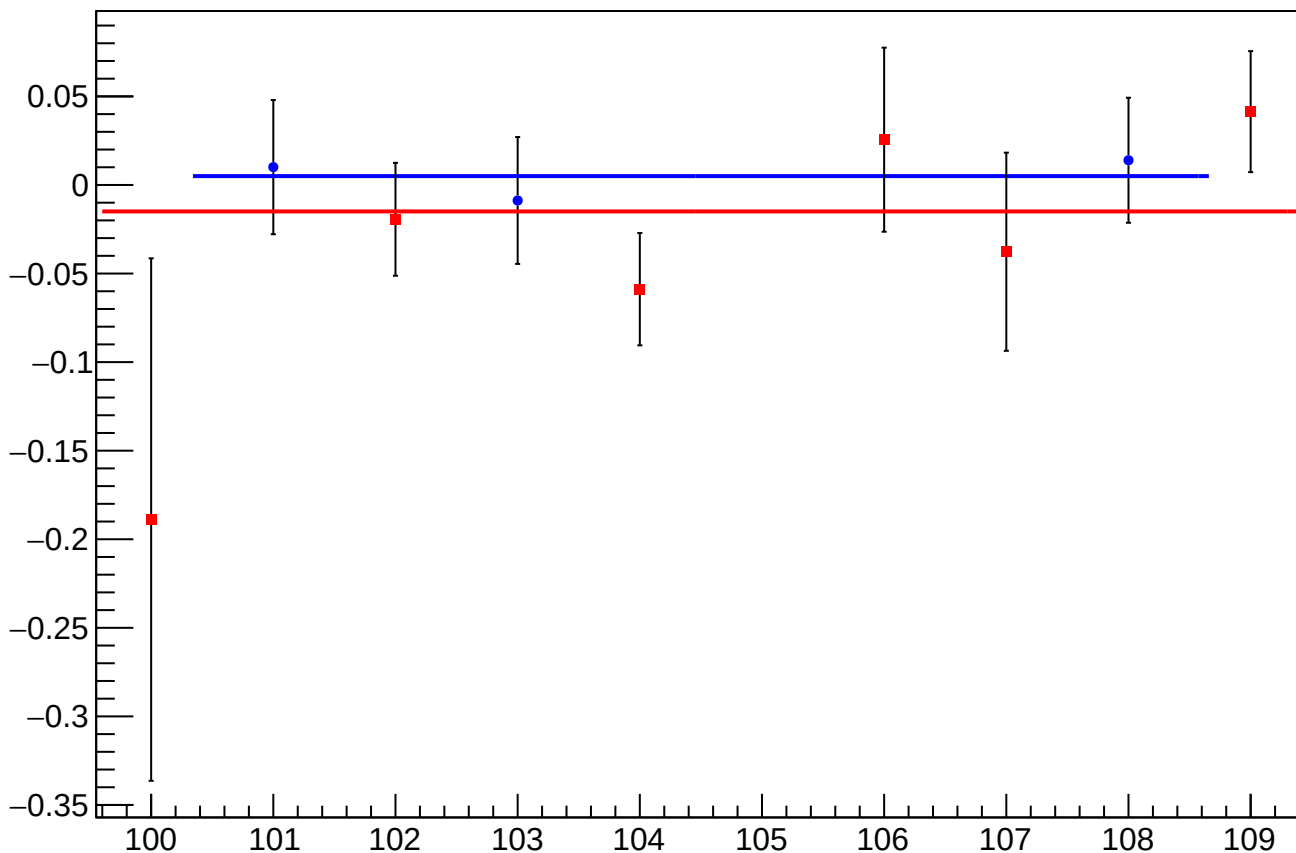
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2930969.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.017 χ^2 /NDF: 6.8/5

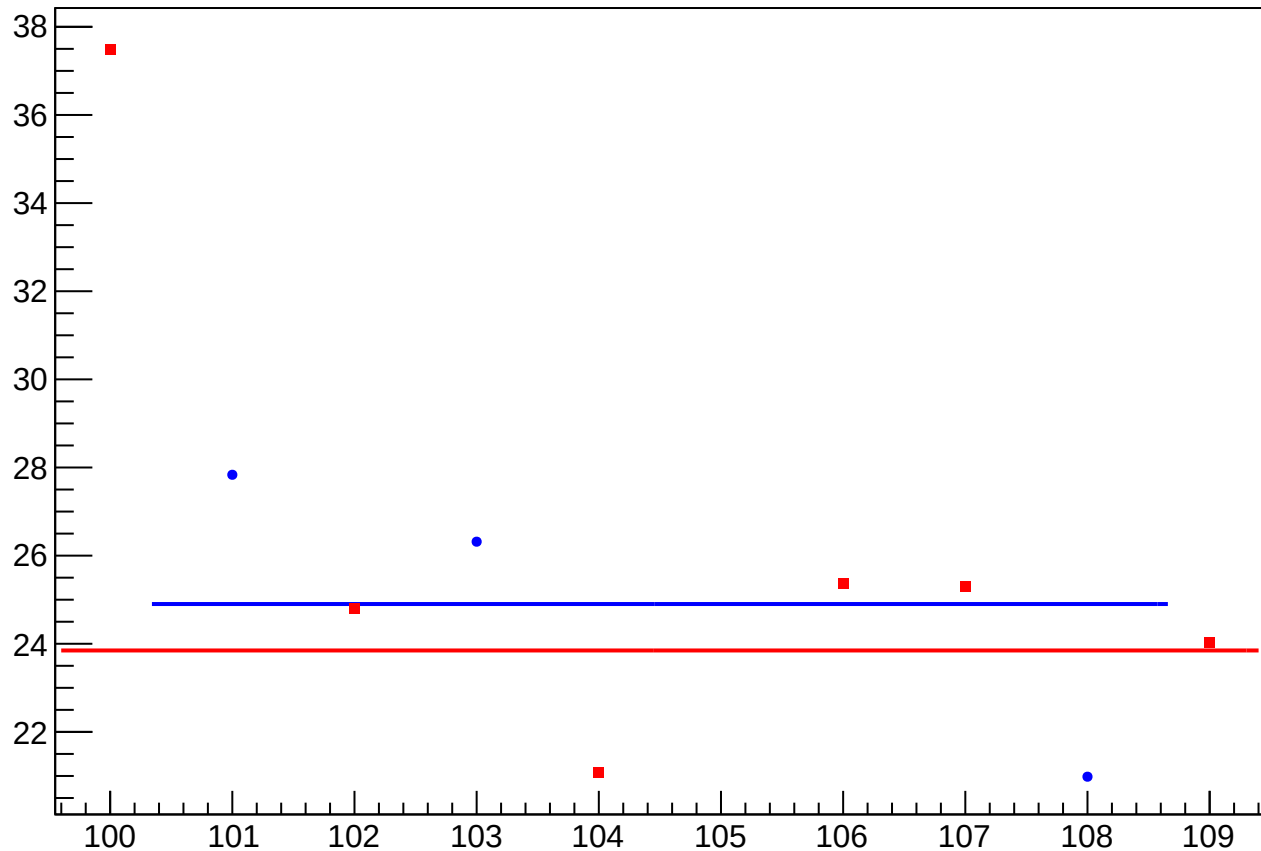
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 24.902 $\pm$ 0.015 χ^2 /NDF: 39781.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.848 $\pm$ 0.012 χ^2 /NDF: 37231.3/5

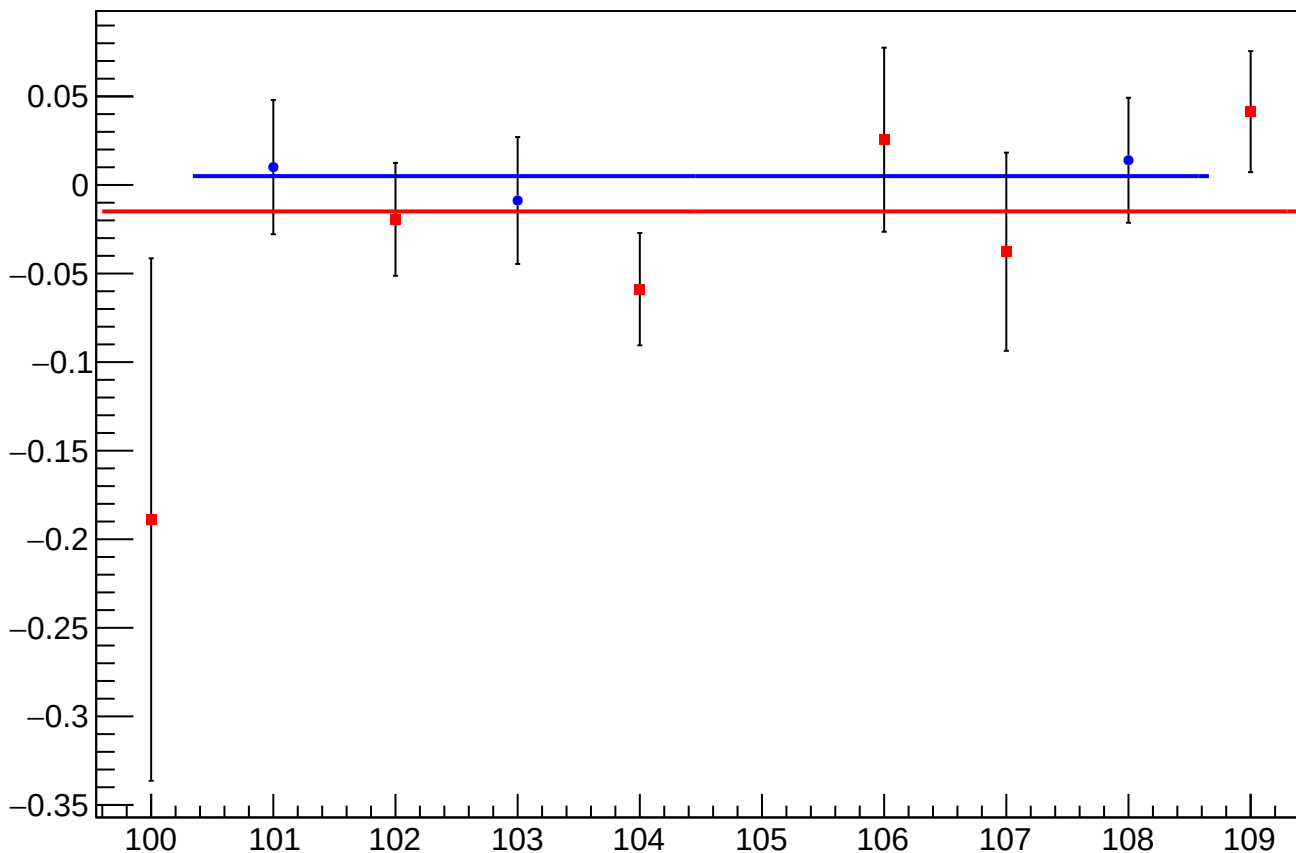
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.258 $\pm$ 0.009 χ^2 /NDF: 80105.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.021 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.015 $\pm$ 0.017 χ^2 /NDF: 6.8/5

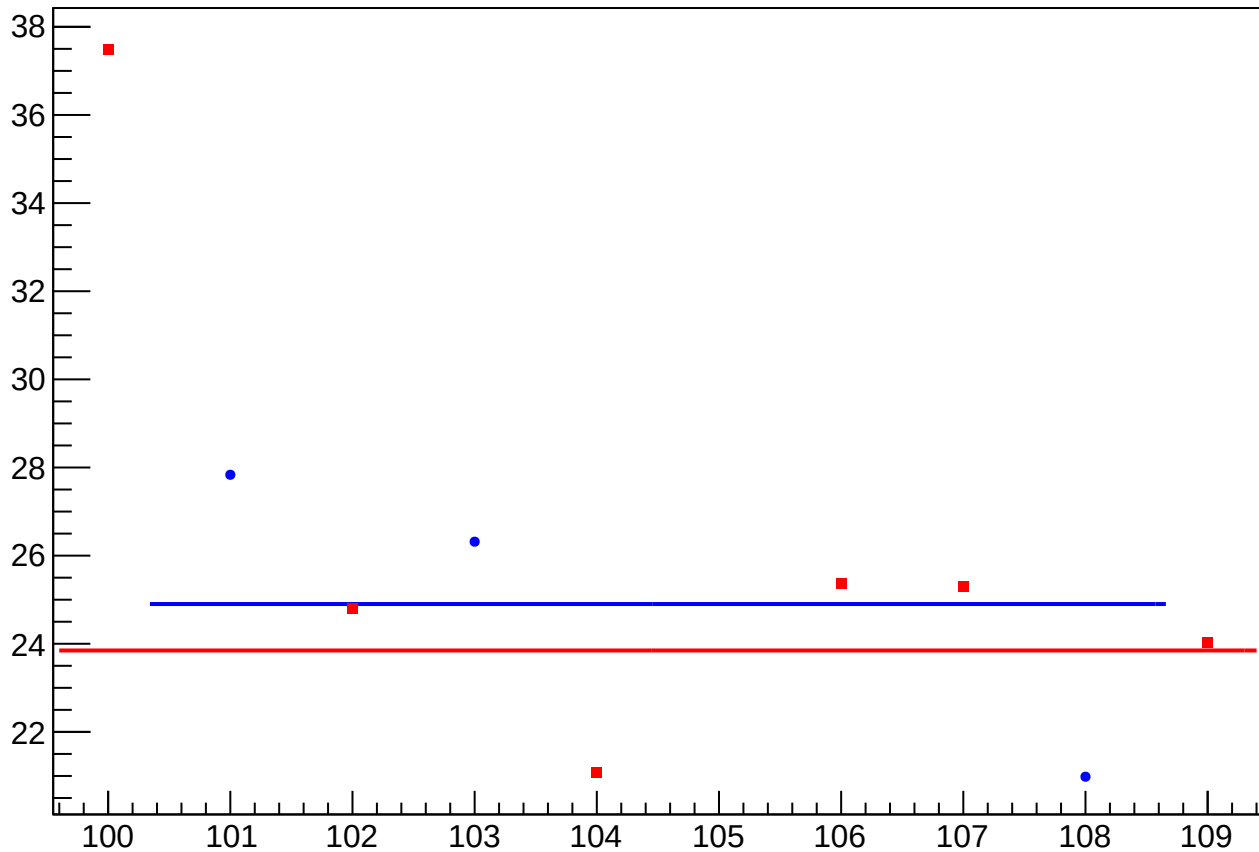
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.902 $\pm$ 0.015 χ^2 /NDF: 39781.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.848 $\pm$ 0.012 χ^2 /NDF: 37231.3/5

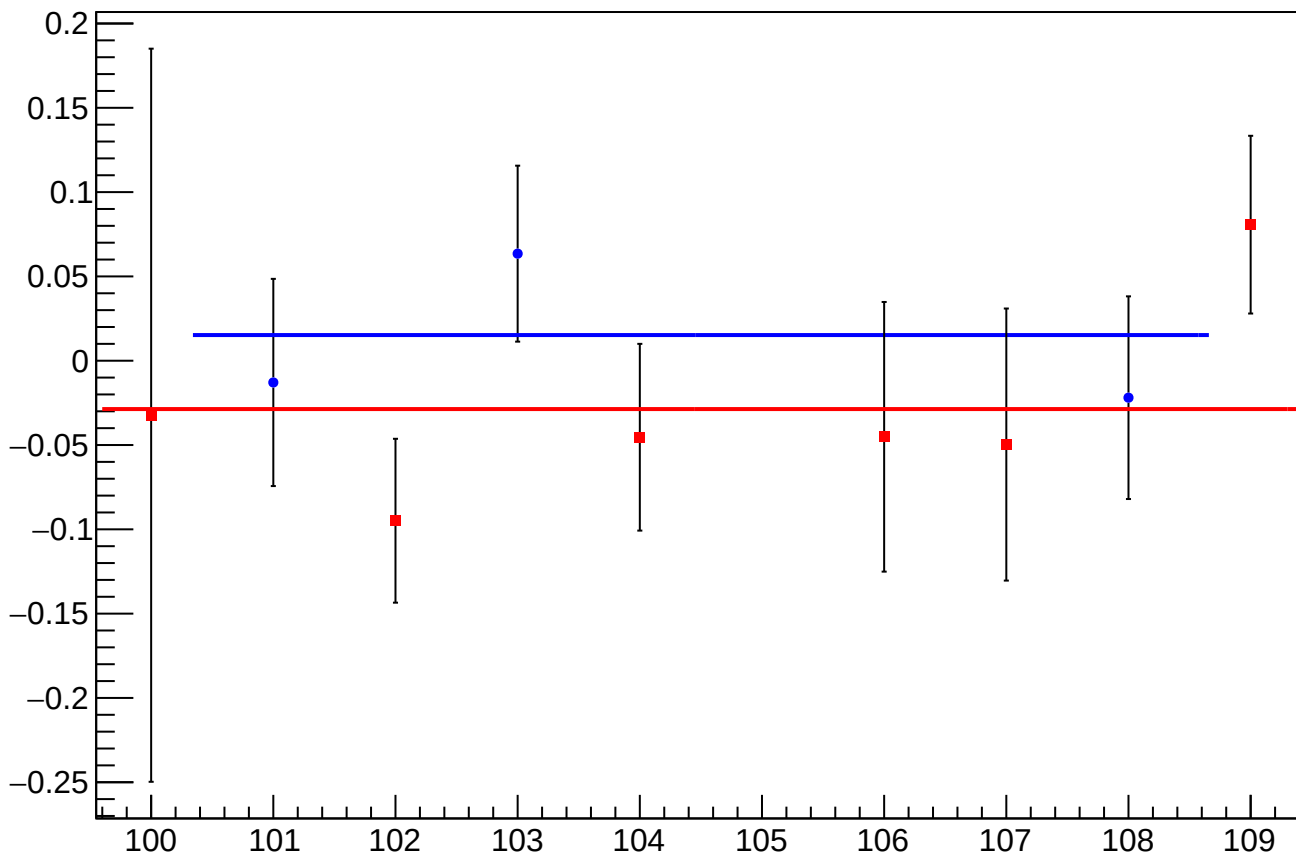
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.258 $\pm$ 0.009 χ^2 /NDF: 80105.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.015 $\pm$ 0.033 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.029 $\pm$ 0.026 χ^2 /NDF: 6.4/5

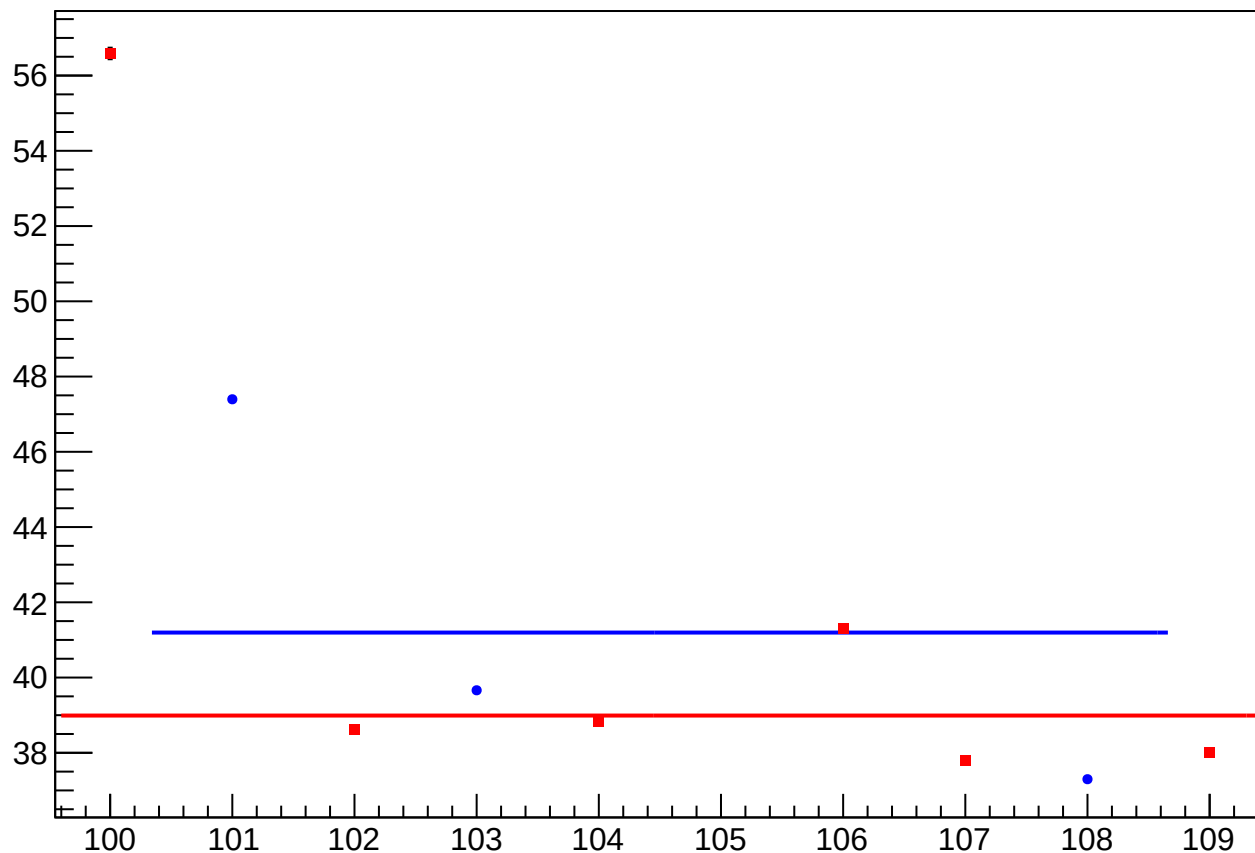
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.012 $\pm$ 0.021 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 41.196 $\pm$ 0.023 χ^2 /NDF: 30504.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 38.990 $\pm$ 0.019 χ^2 /NDF: 16014.3/5

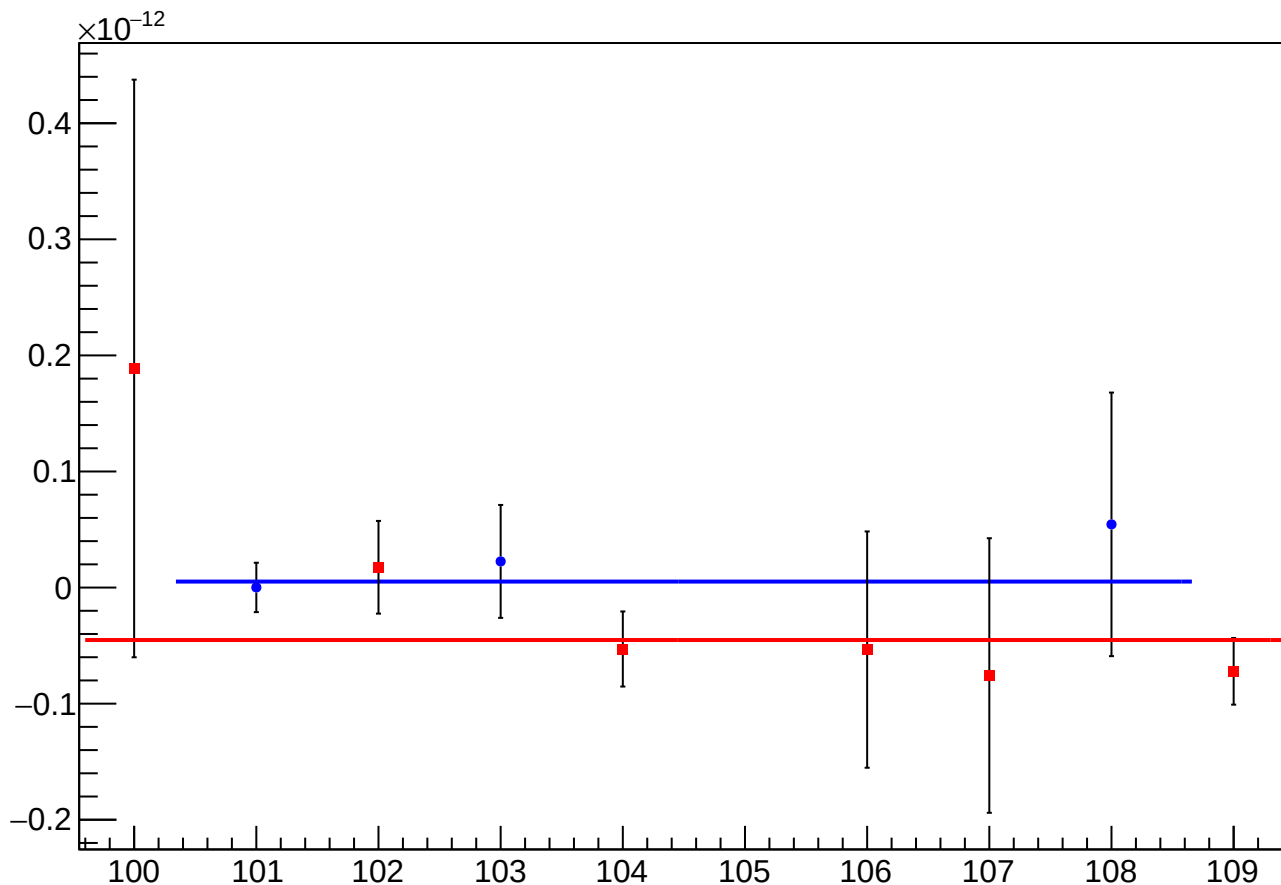
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.843 $\pm$ 0.015 χ^2 /NDF: 51942.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/5

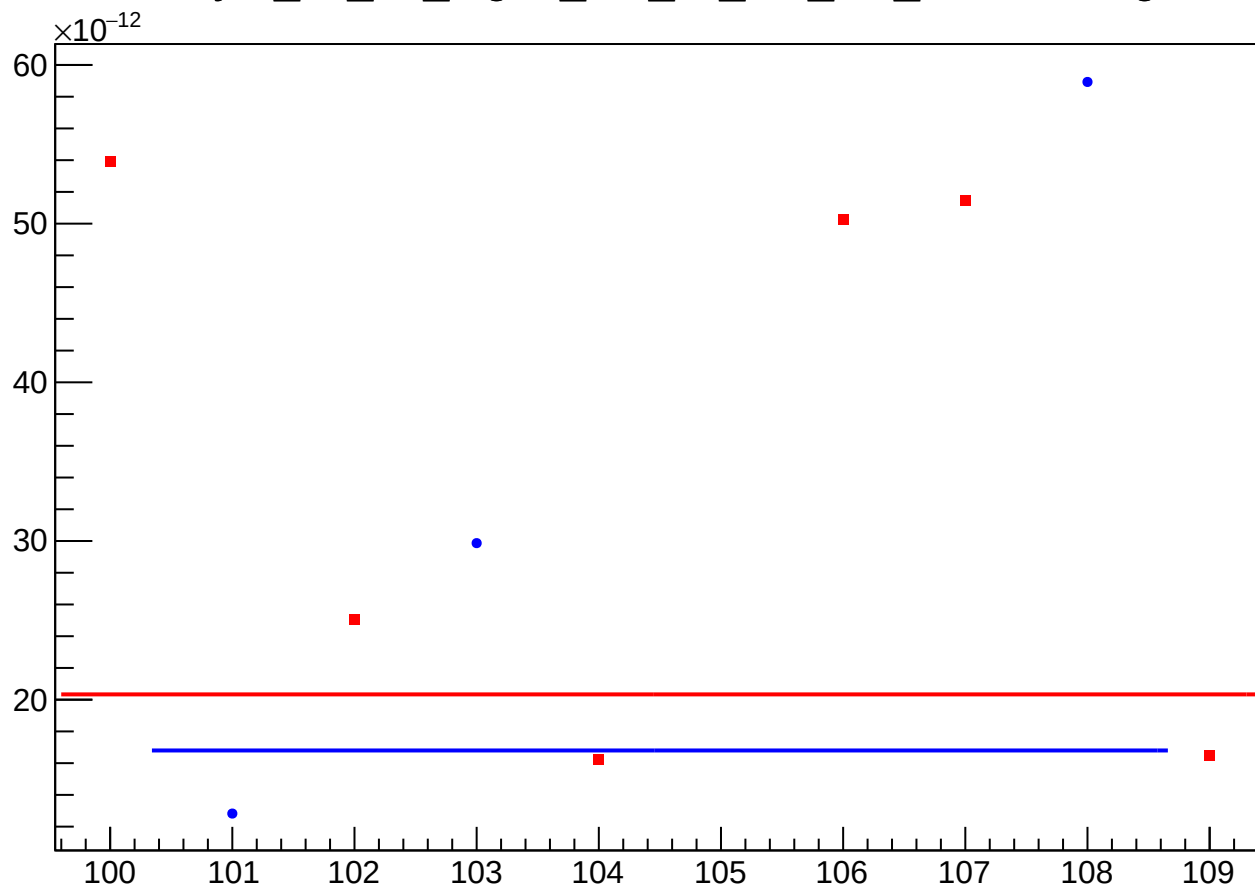
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 489668.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 444121.9/5

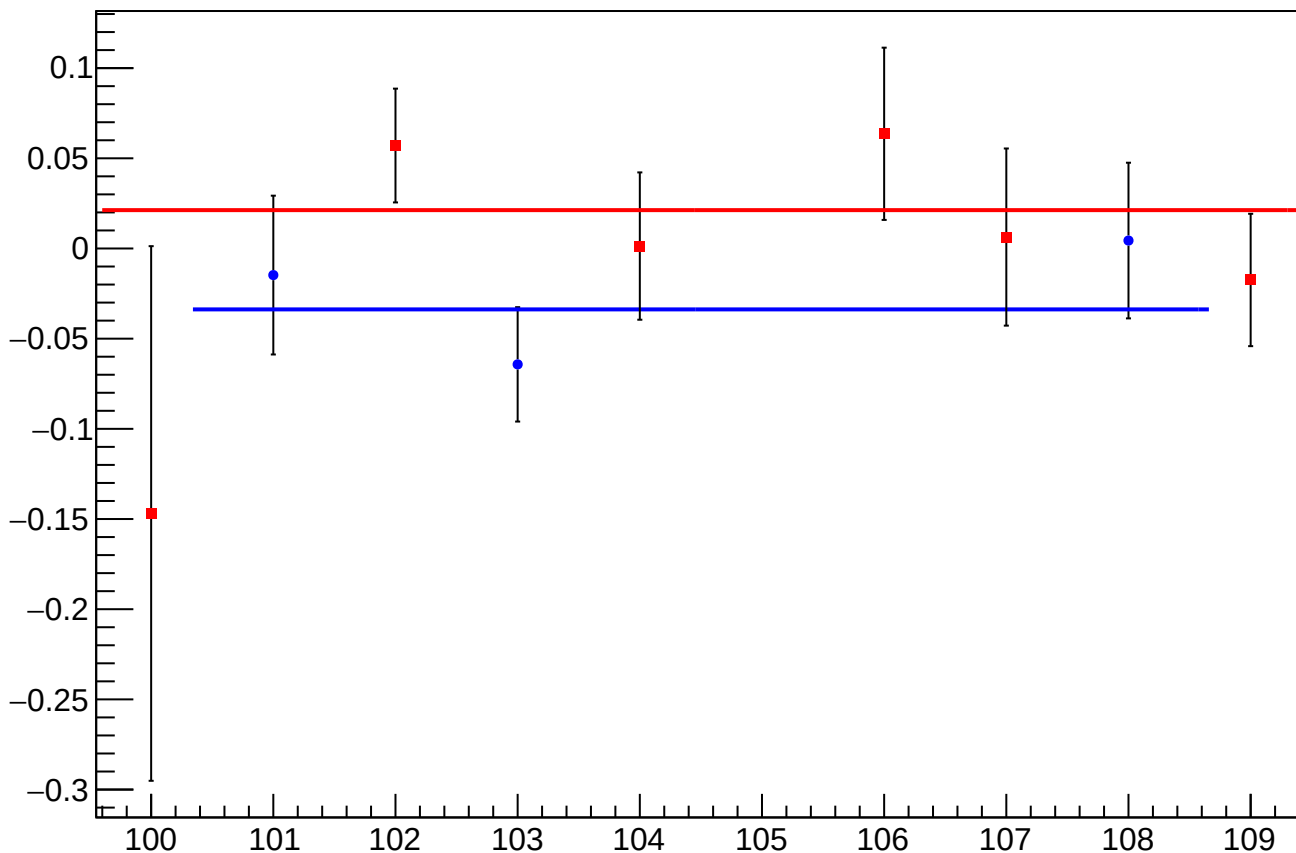
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 969251.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug



Right In: -0.034 $\pm$ 0.022 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.018 χ^2 /NDF: 4.8/5

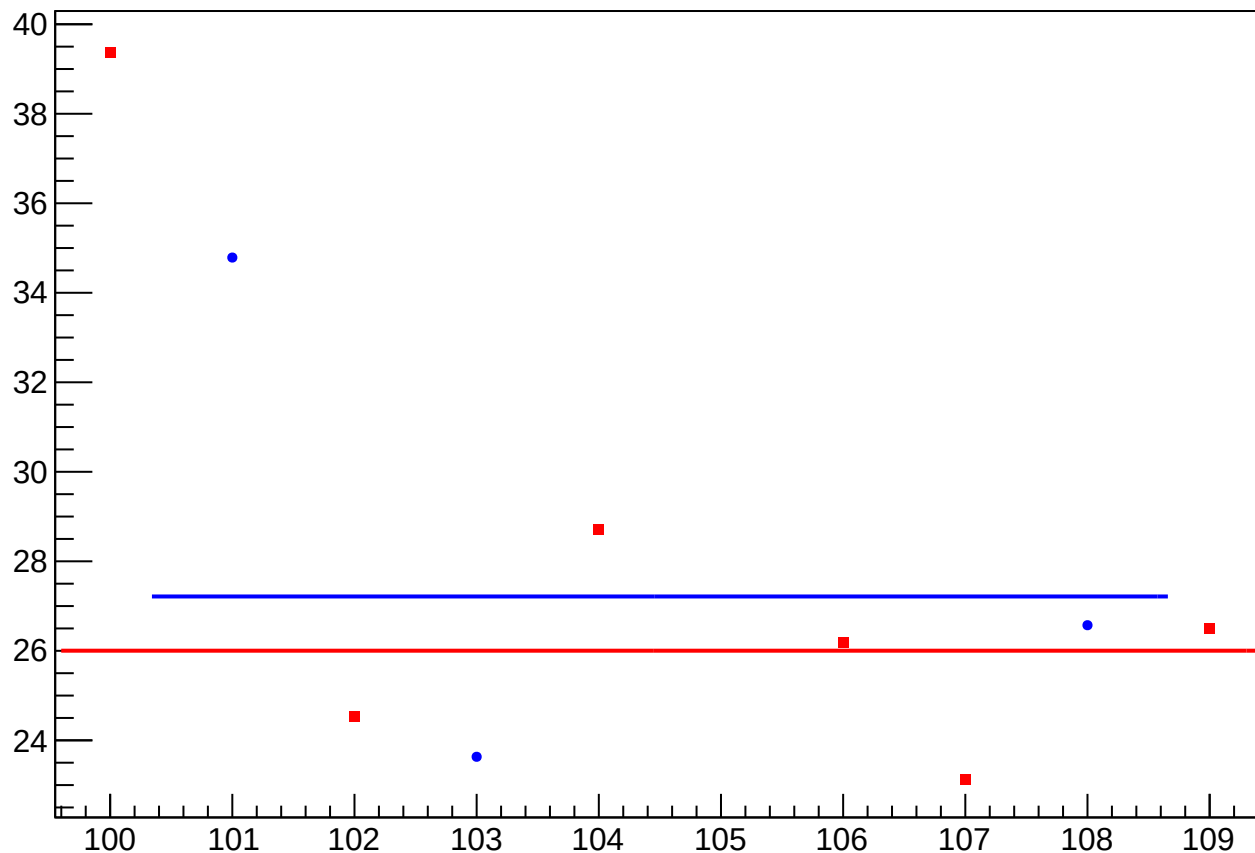
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.014 χ^2 /NDF: 10.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 27.214+/-0.016 χ^2/NDF : 85131.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.003+/-0.012 χ^2/NDF : 36589.9/5

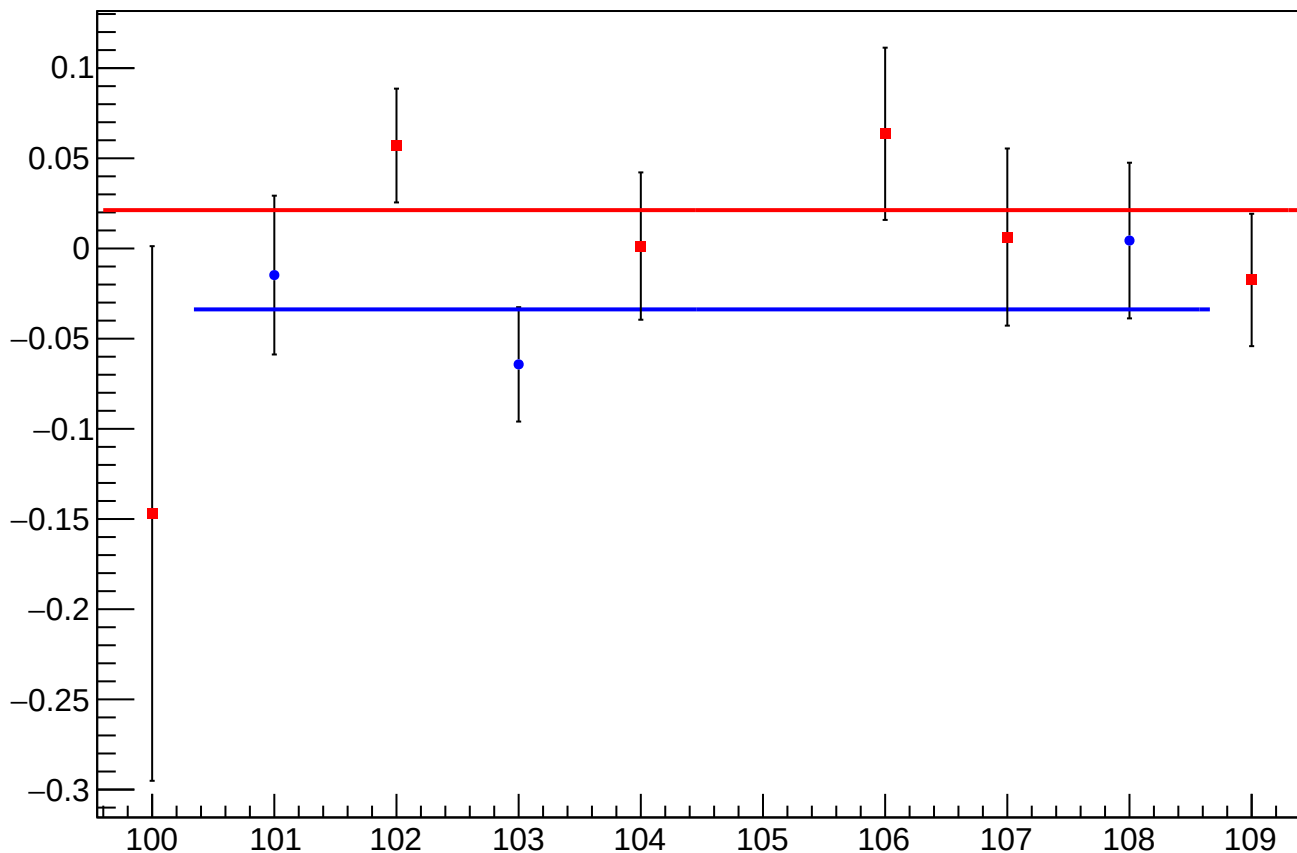
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.471+/-0.010 χ^2/NDF : 125406.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: -0.034 $\pm$ 0.022 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.018 χ^2 /NDF: 4.8/5

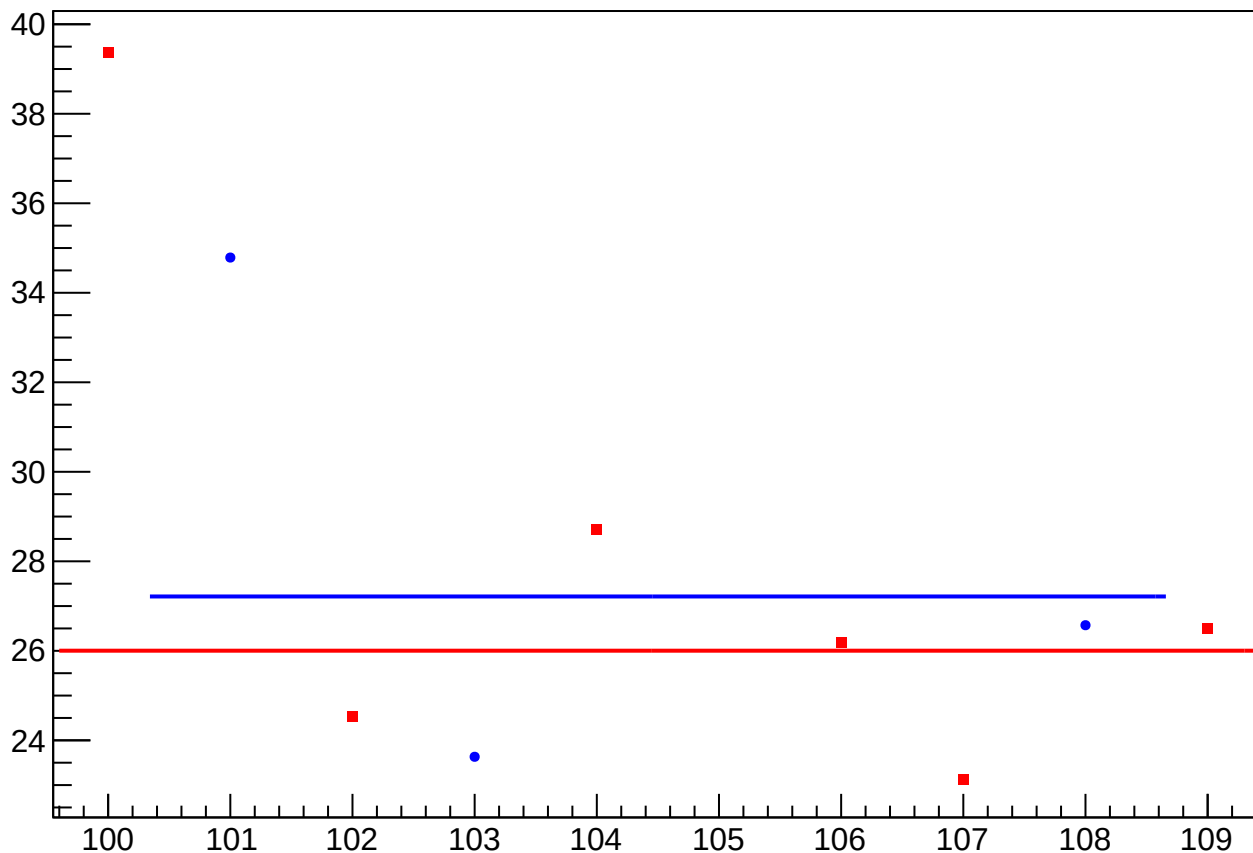
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.014 χ^2 /NDF: 10.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 27.214 $\pm$ 0.016 χ^2 /NDF: 85131.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.003 $\pm$ 0.012 χ^2 /NDF: 36589.9/5

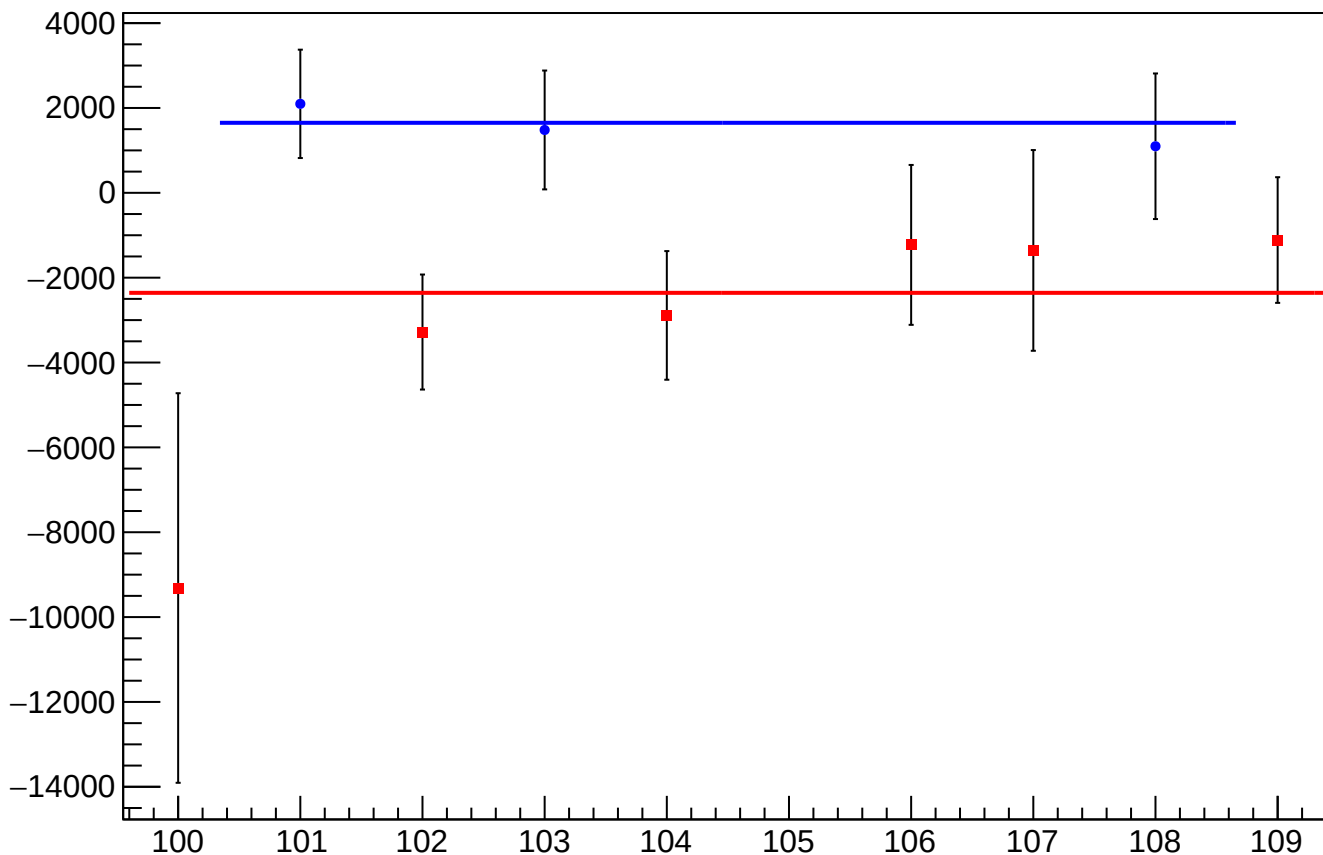
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.471 $\pm$ 0.010 χ^2 /NDF: 125406.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_mean vs Slug



Right In: 1650.394 $\pm$ 826.882 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2357.399 $\pm$ 717.400 χ^2 /NDF: 4.1/5

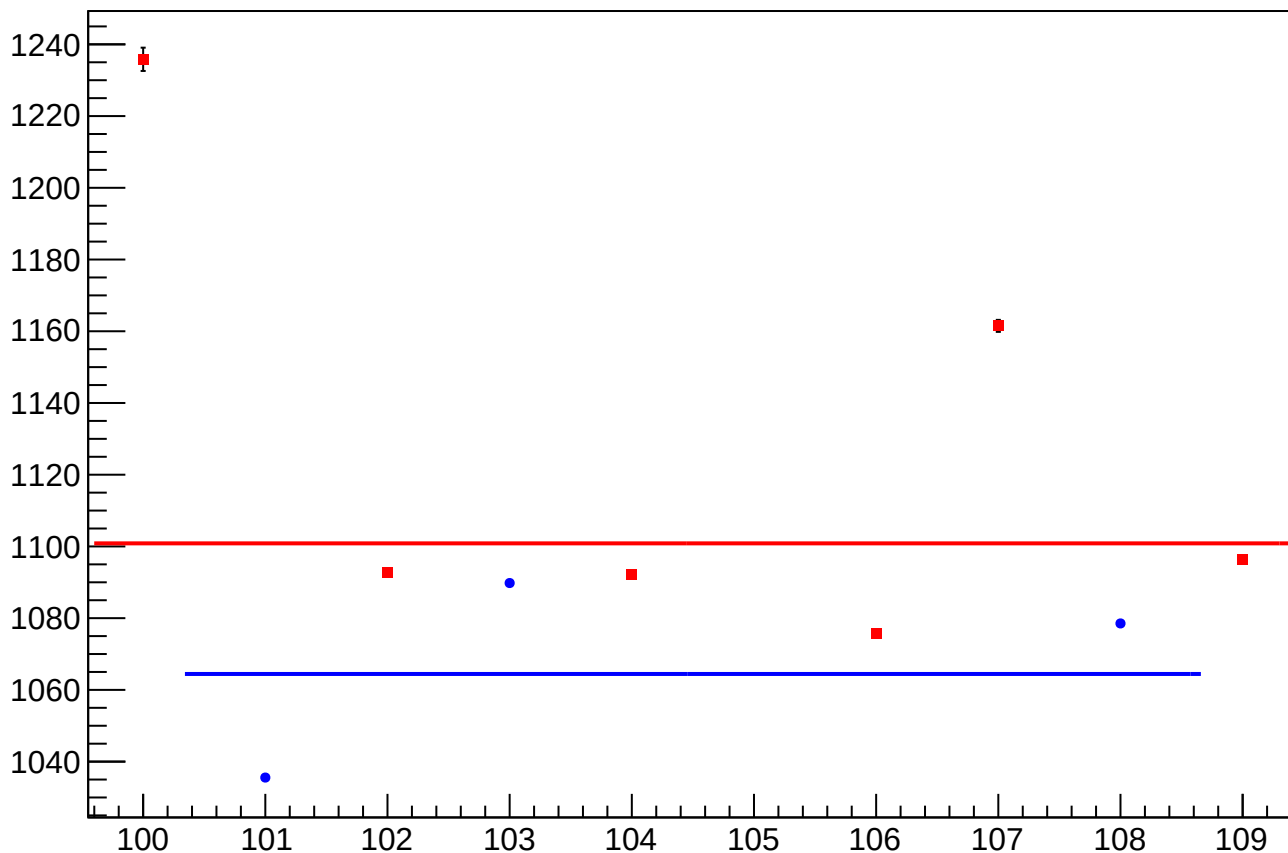
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -636.215 $\pm$ 541.882 χ^2 /NDF: 17.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_rms vs Slug



Right In: 1064.439+/-0.585 χ^2/NDF : 1813.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1100.857+/-0.507 χ^2/NDF : 3551.8/5

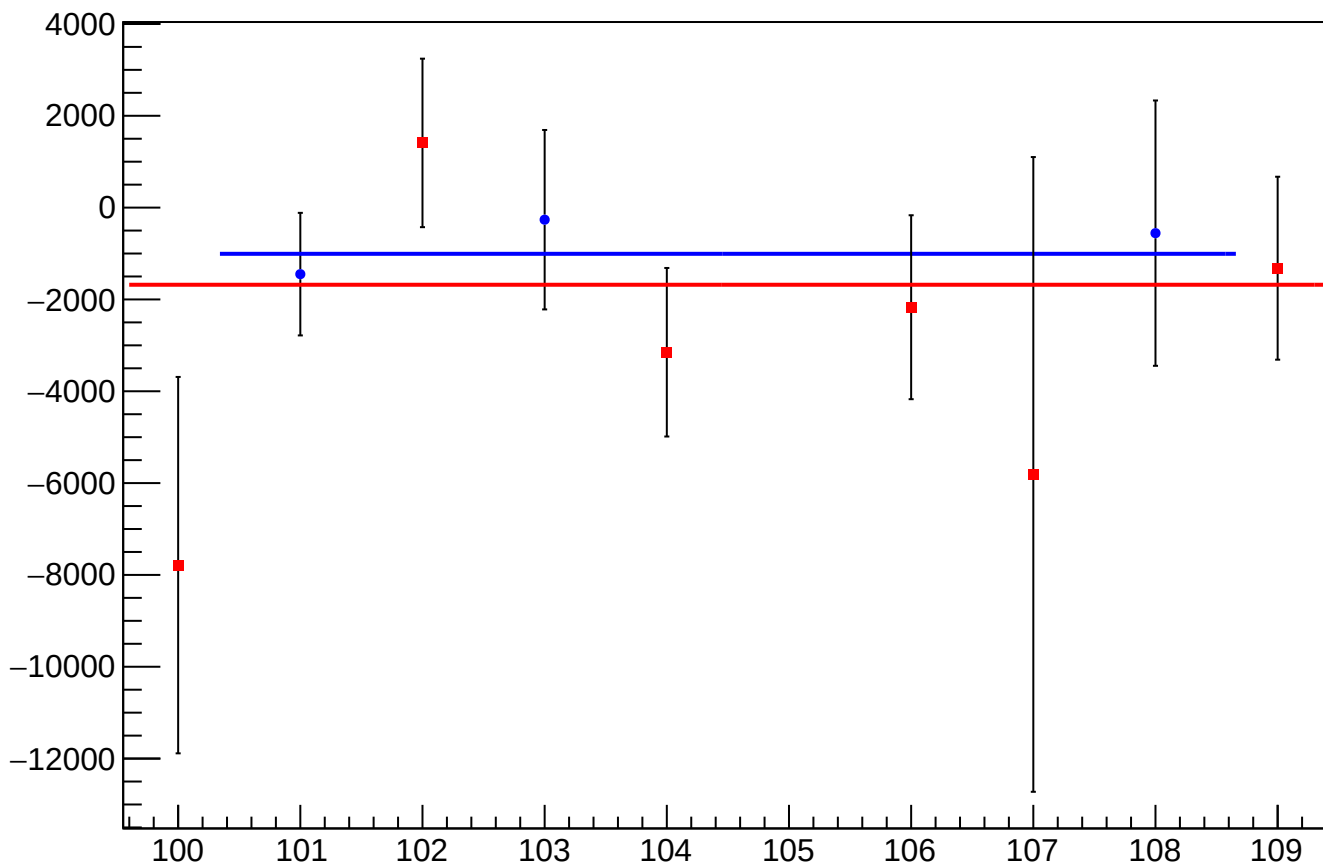
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1085.217+/-0.383 χ^2/NDF : 7578.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_mean vs Slug



Right In: -1006.313 $\pm$ 1029.785 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1680.220 $\pm$ 922.347 χ^2 /NDF: 6.1/5

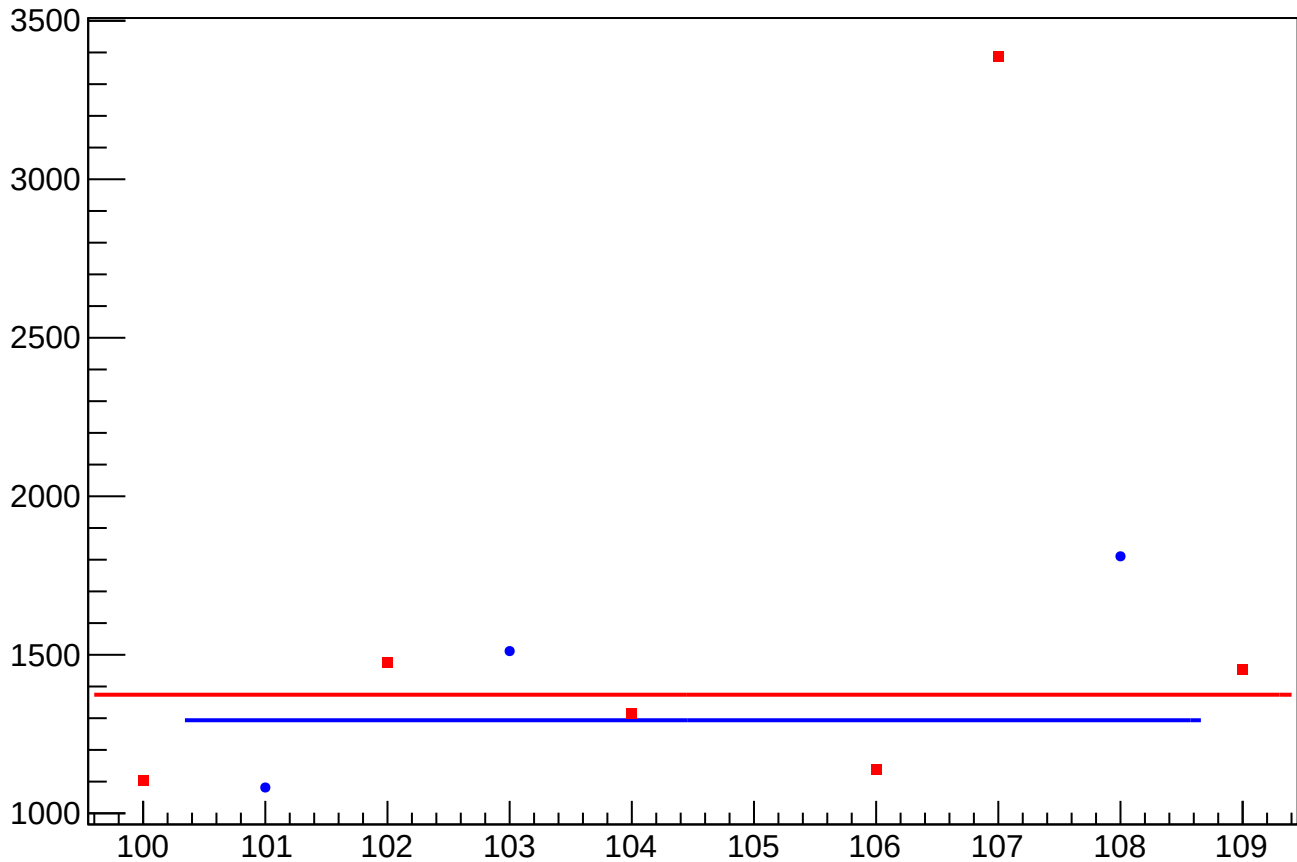
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1380.244 $\pm$ 687.053 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_reg_correction_rms vs Slug



Right In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.079+/-0.652 χ^2/NDF : 217670.2/5

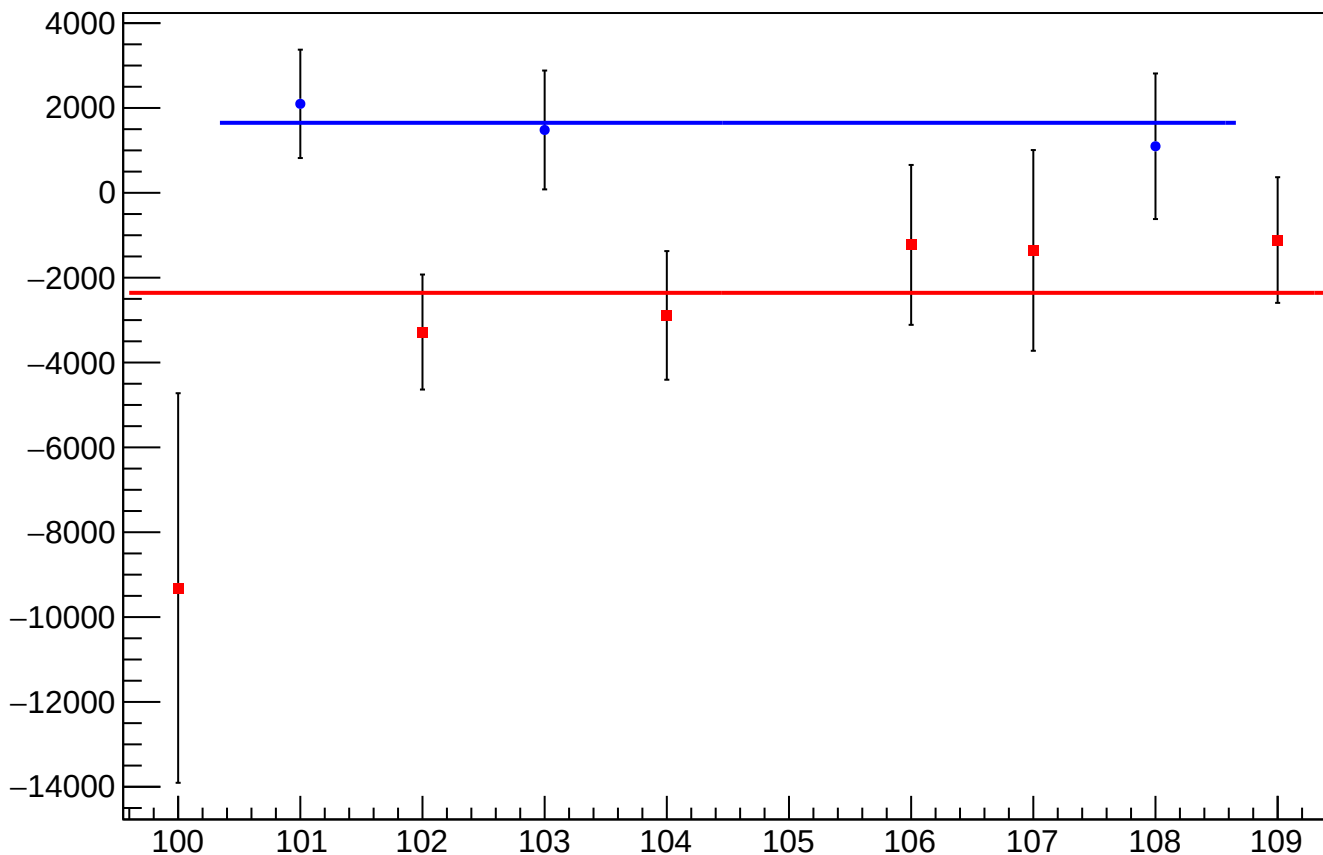
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.241+/-0.486 χ^2/NDF : 363961.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_mean vs Slug



Right In: 1650.394 $\pm$ 826.882 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2357.399 $\pm$ 717.400 χ^2 /NDF: 4.1/5

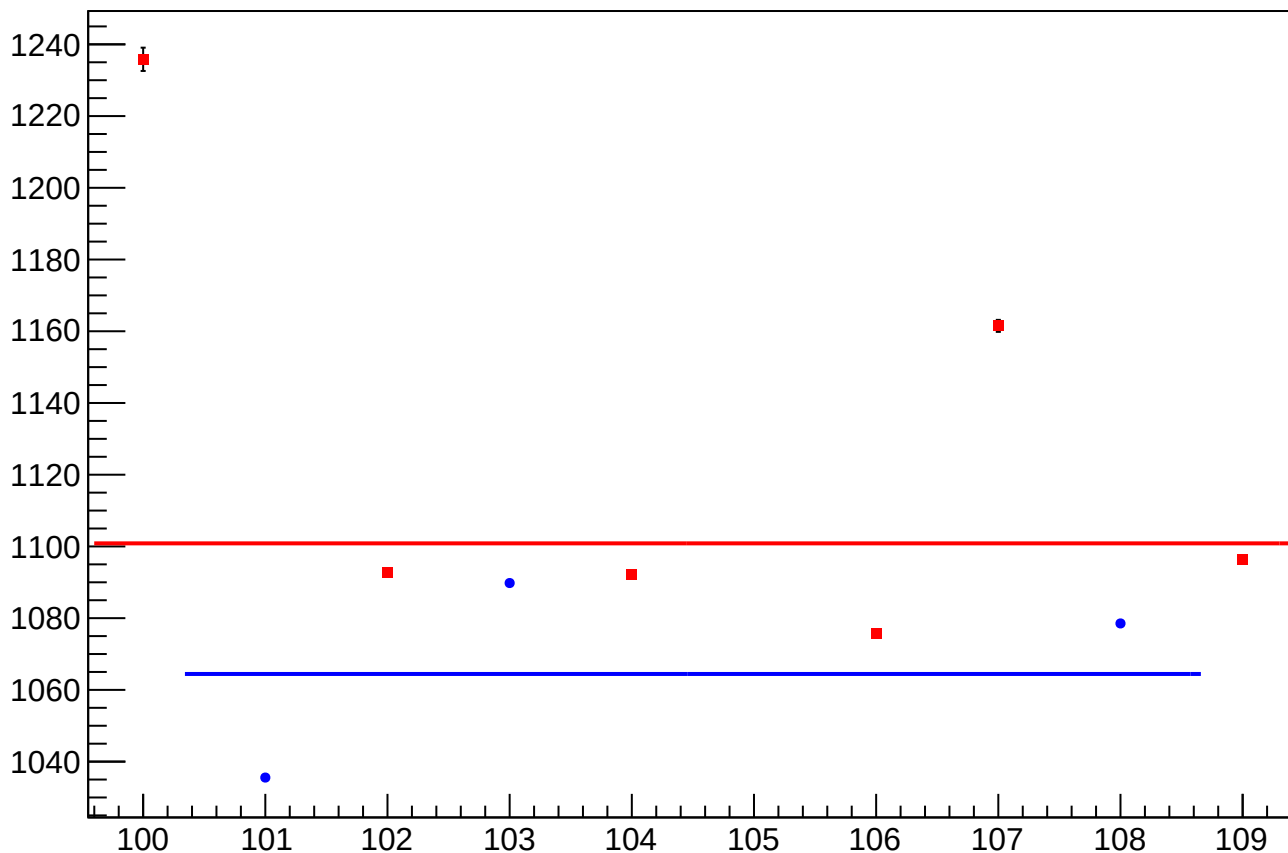
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -636.215 $\pm$ 541.882 χ^2 /NDF: 17.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_rms vs Slug



Right In: 1064.439 $\pm$ 0.585 χ^2 /NDF: 1813.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1100.857 $\pm$ 0.507 χ^2 /NDF: 3551.8/5

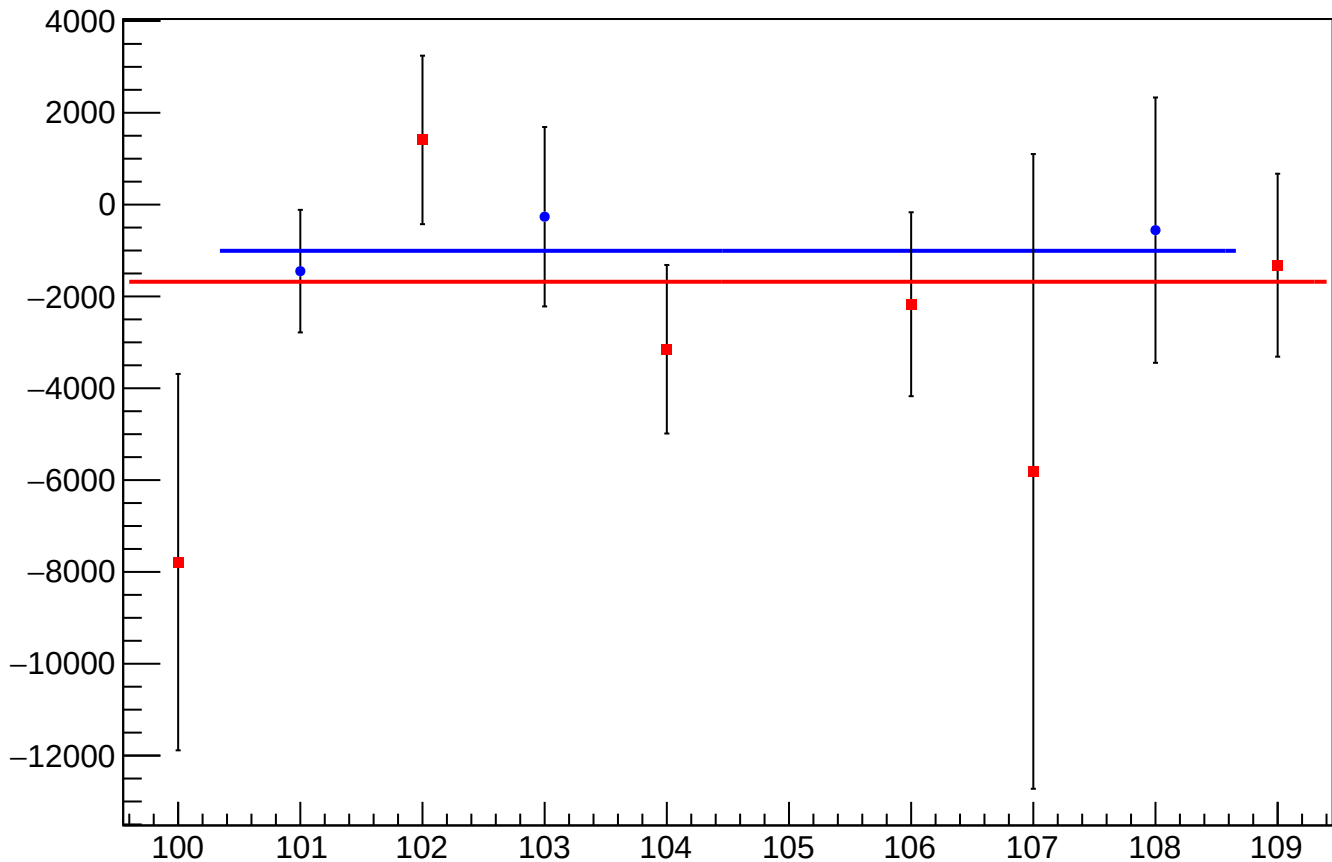
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1085.217 $\pm$ 0.383 χ^2 /NDF: 7578.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_cor_correction_mean vs Slug



Right In: -1006.313 $\pm$ 1029.785 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1680.220 $\pm$ 922.347 χ^2 /NDF: 6.1/5

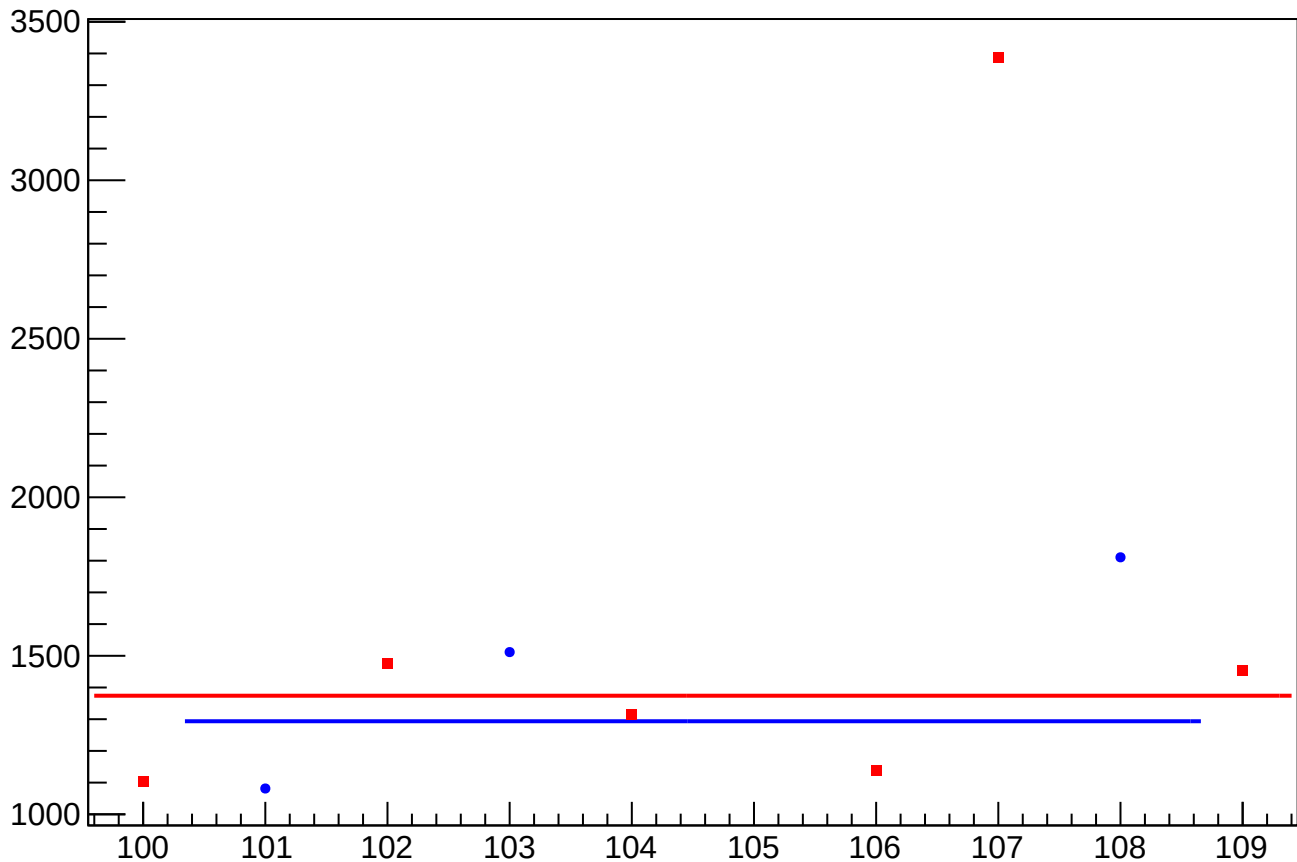
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1380.244 $\pm$ 687.053 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_cor_correction_rms vs Slug



Right In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.079+/-0.652 χ^2/NDF : 217670.2/5

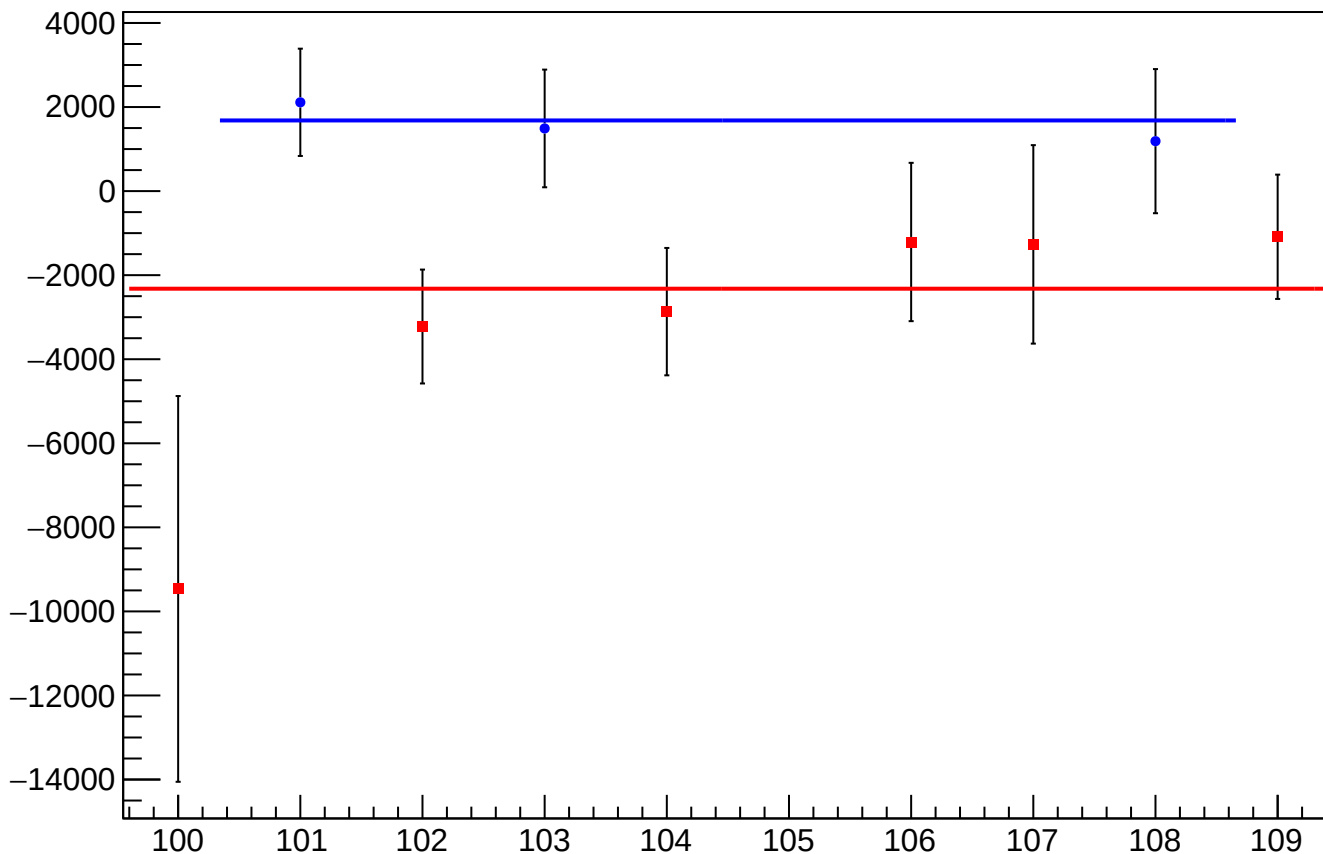
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.241+/-0.486 χ^2/NDF : 363961.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_mean vs Slug



Right In: 1681.006 $\pm$ 826.450 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2322.184 $\pm$ 716.812 χ^2 /NDF: 4.2/5

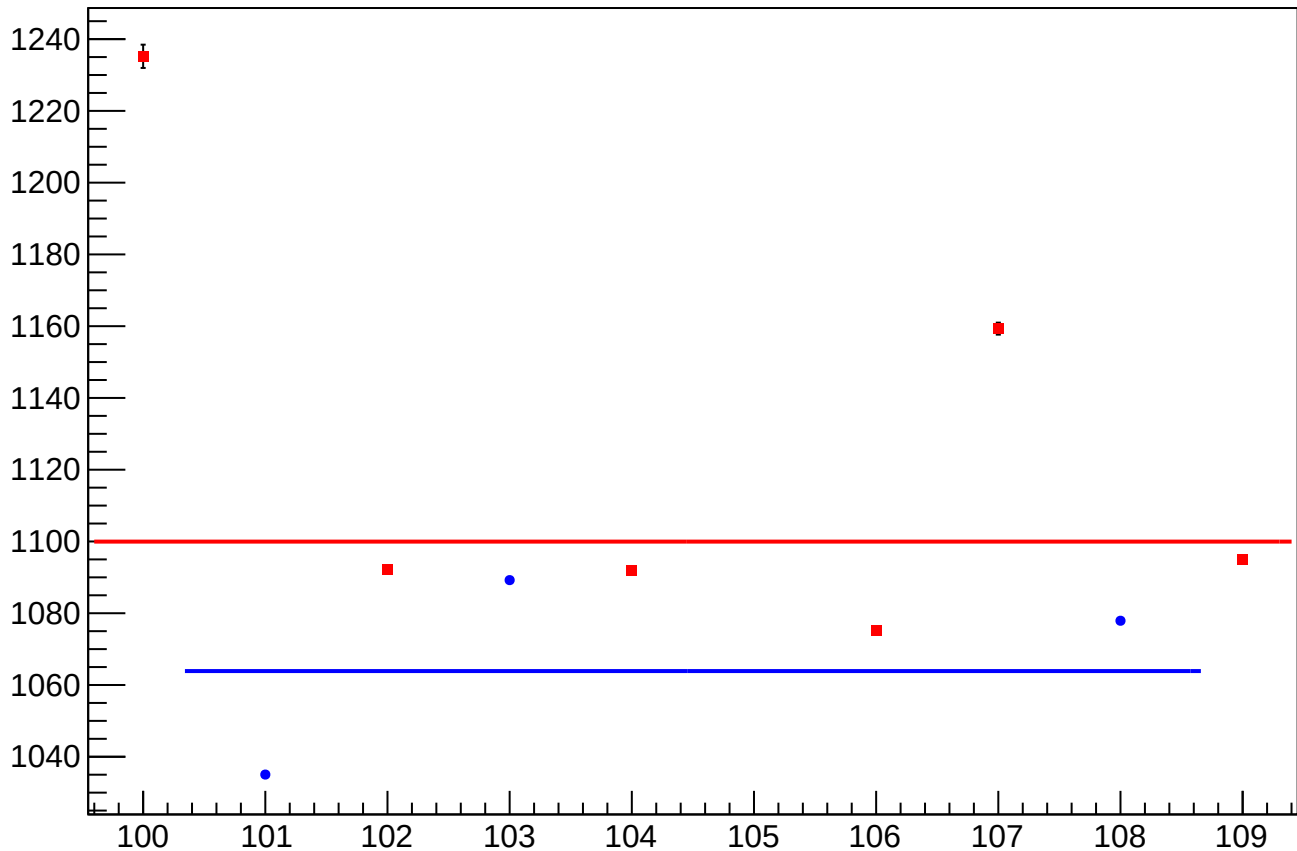
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -603.561 $\pm$ 541.507 χ^2 /NDF: 17.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

overload_cor_asym_usl_rms vs Slug



Right In: 1063.883 $\pm$ 0.584 χ^2 /NDF: 1810.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1099.963 $\pm$ 0.507 χ^2 /NDF: 3493.9/5

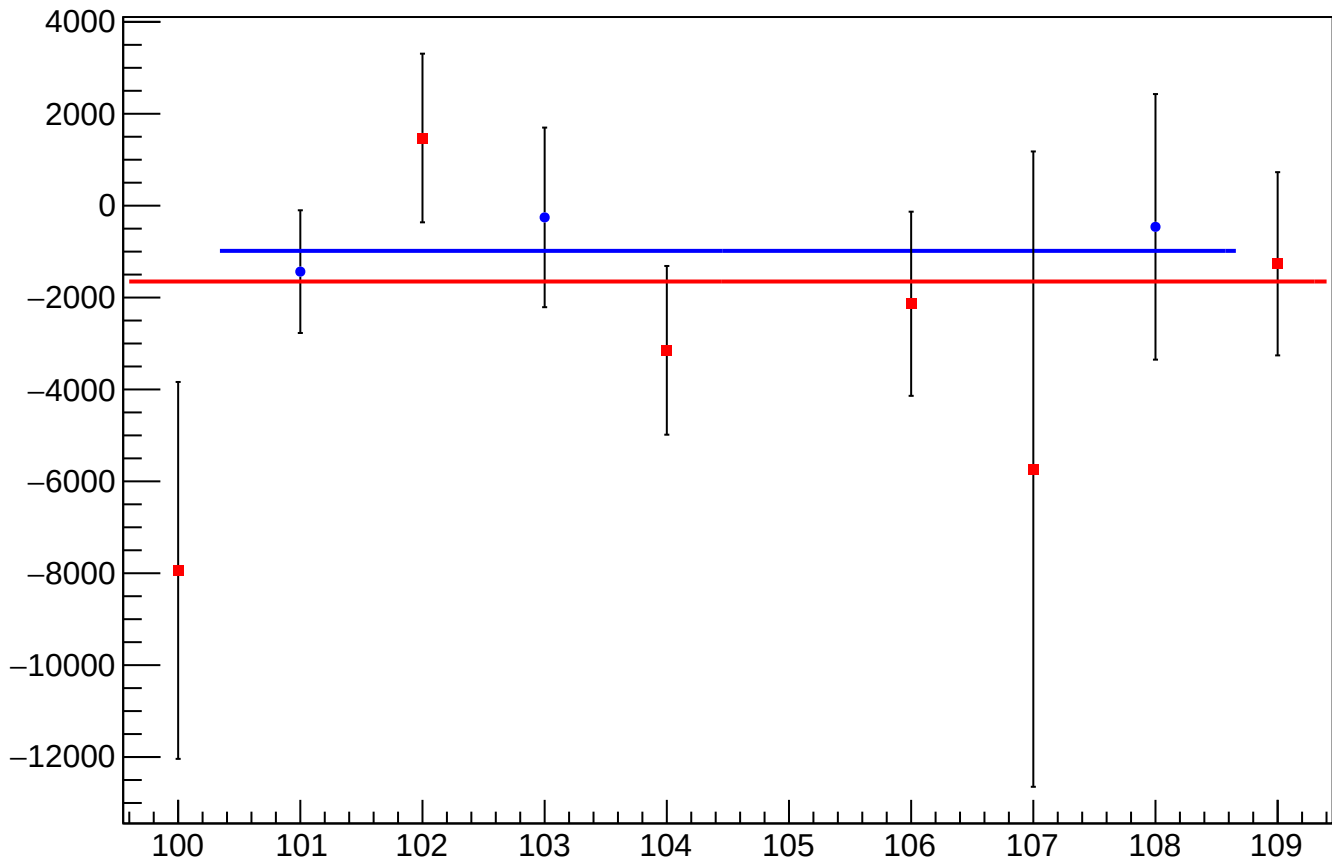
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1084.473 $\pm$ 0.383 χ^2 /NDF: 7479.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_overload_cor_correction_mean vs Slug



Right In: -983.897+/-1030.167 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1650.678+/-922.777 χ^2/NDF : 6.4/5

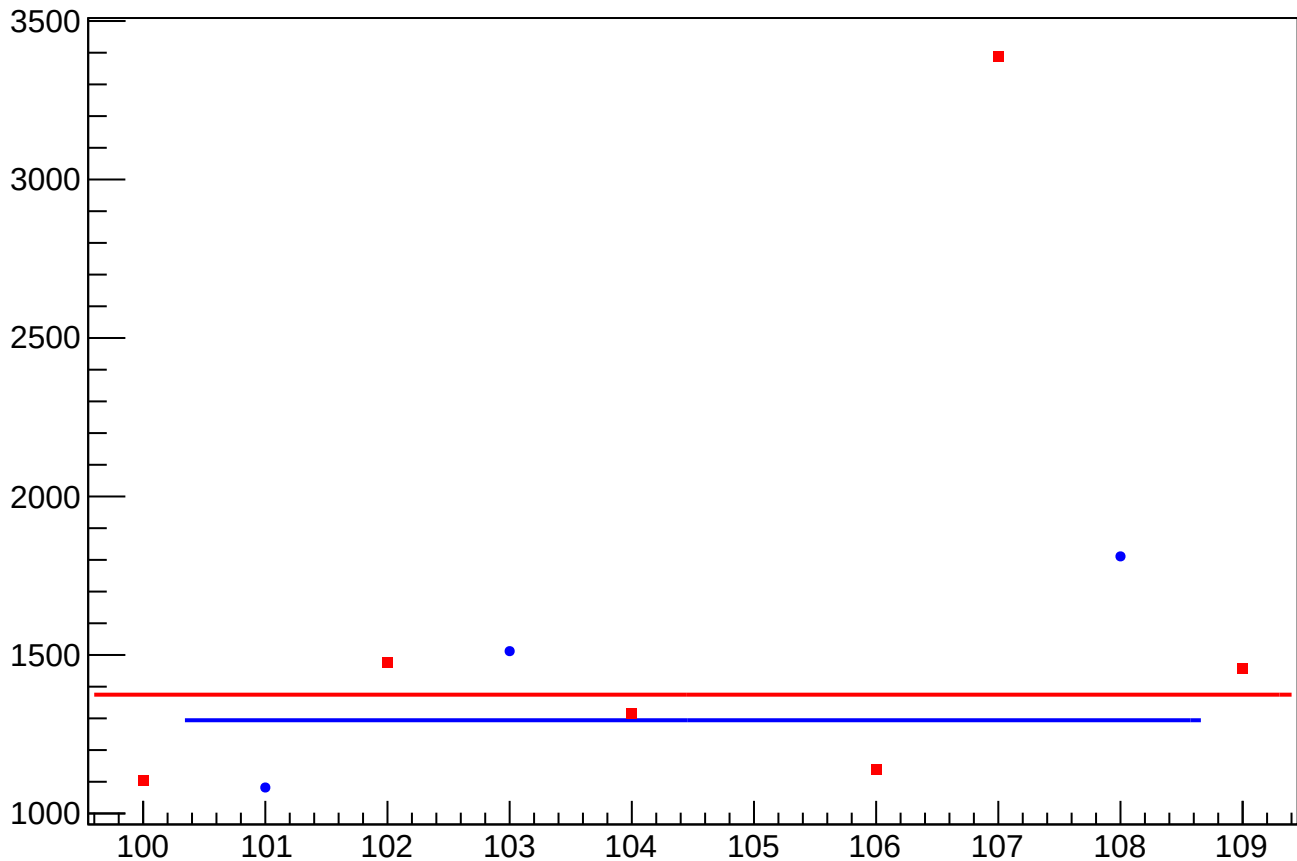
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1353.842+/-687.344 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_rms vs Slug



Right In: 1294.077+/-0.728 χ^2/NDF : 139368.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.744+/-0.653 χ^2/NDF : 217624.6/5

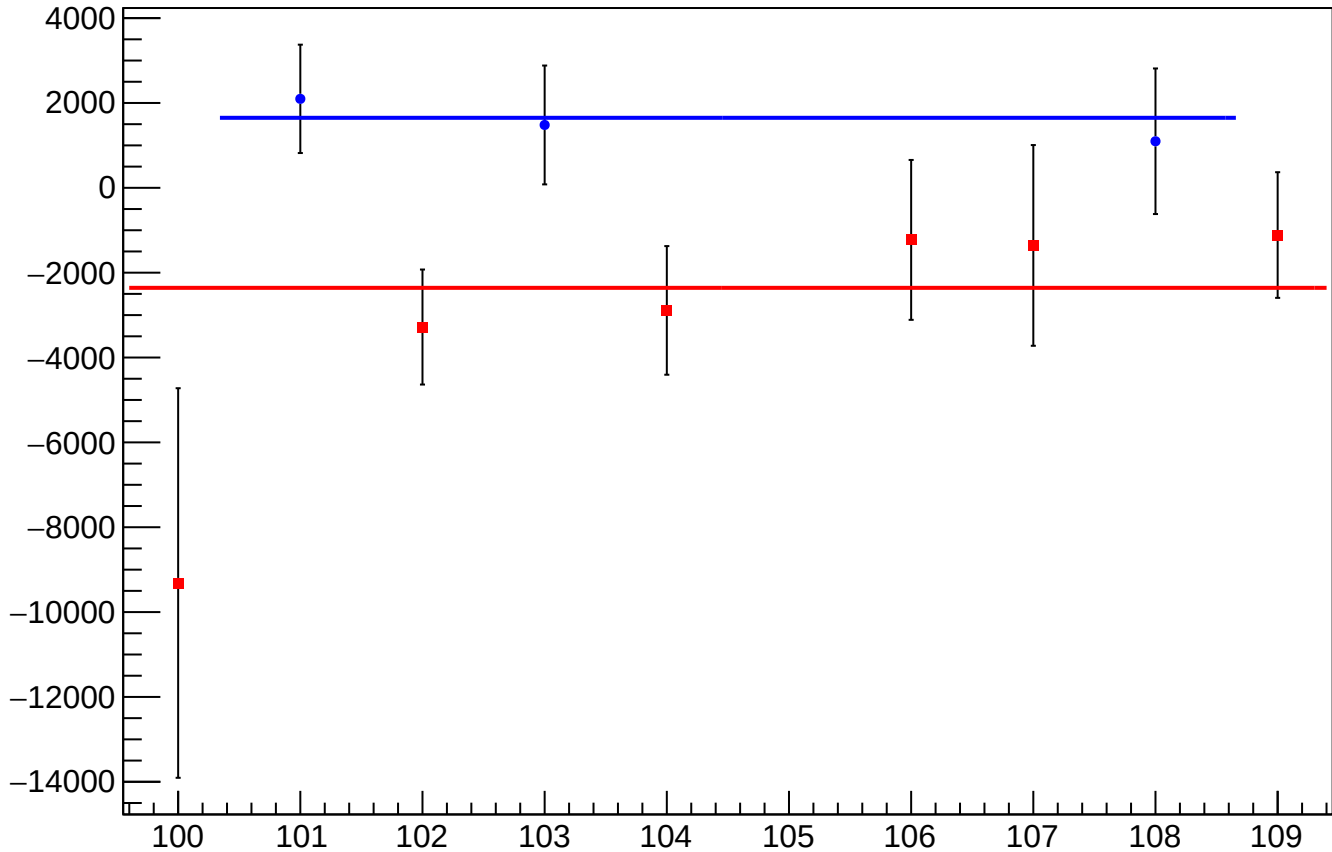
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.833+/-0.486 χ^2/NDF : 363797.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 1650.394 $\pm$ 826.882 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2357.399 $\pm$ 717.400 χ^2 /NDF: 4.1/5

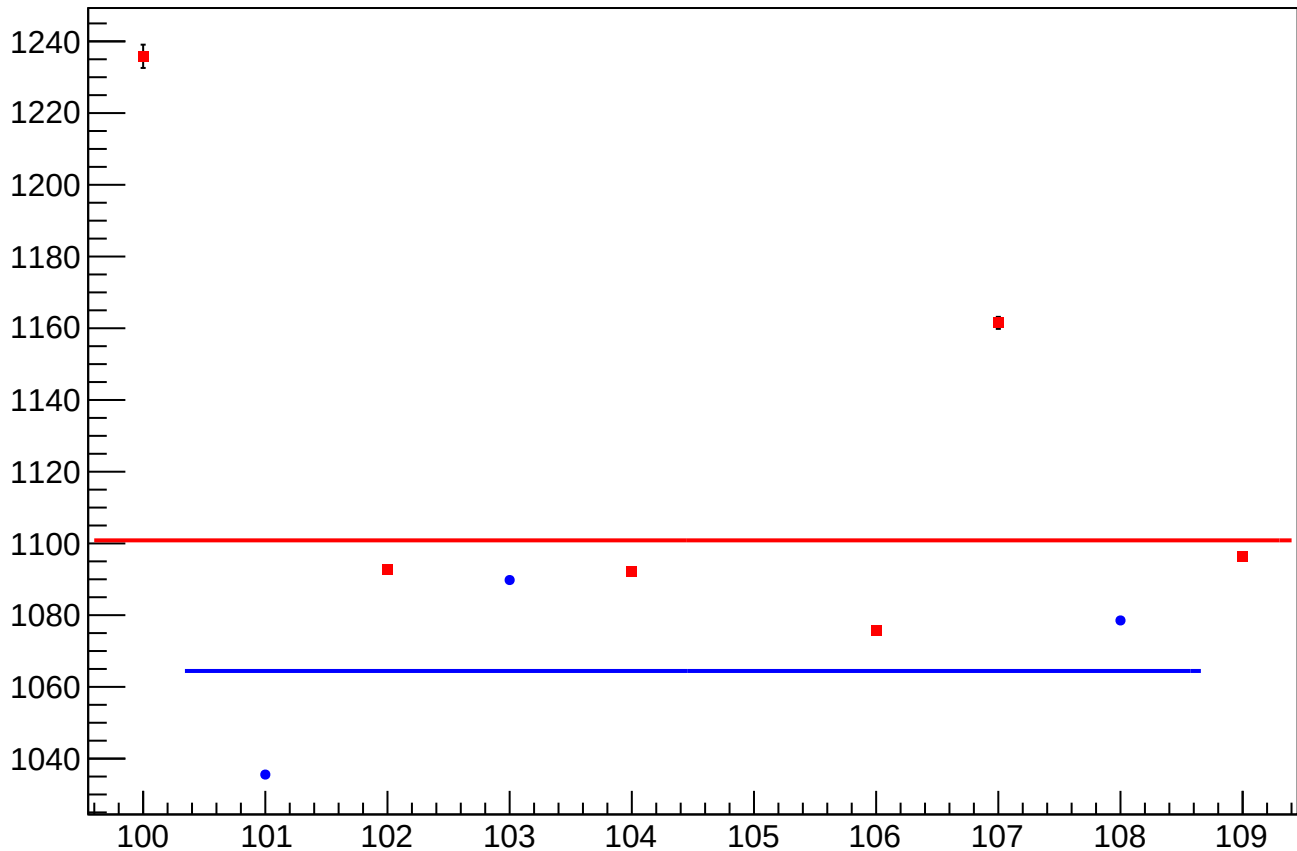
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -636.215 $\pm$ 541.882 χ^2 /NDF: 17.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_rms vs Slug



Right In: 1064.439 $\pm$ 0.585 χ^2 /NDF: 1813.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1100.857 $\pm$ 0.507 χ^2 /NDF: 3551.8/5

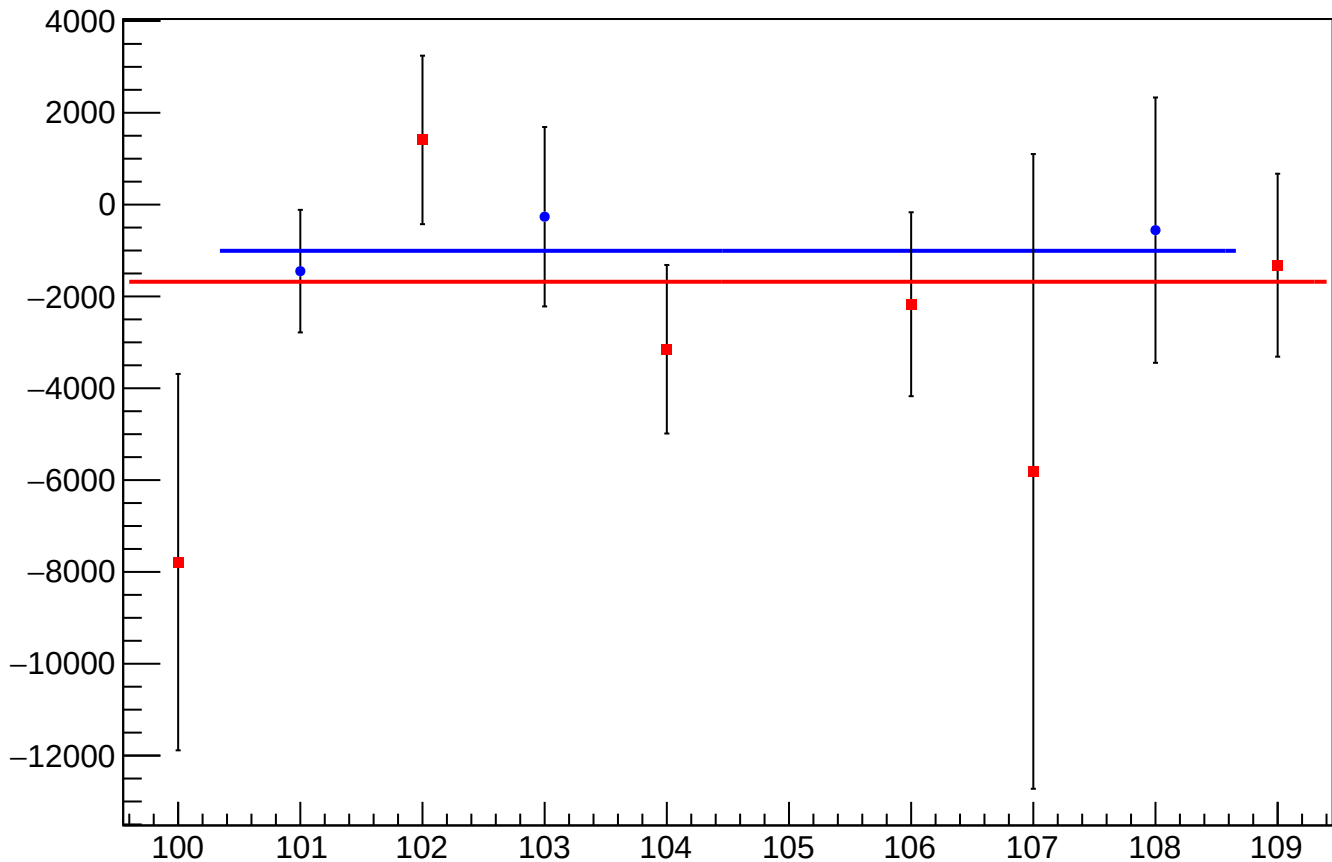
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1085.217 $\pm$ 0.383 χ^2 /NDF: 7578.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



Right In: -1006.313 $\pm$ 1029.785 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1680.220 $\pm$ 922.347 χ^2 /NDF: 6.1/5

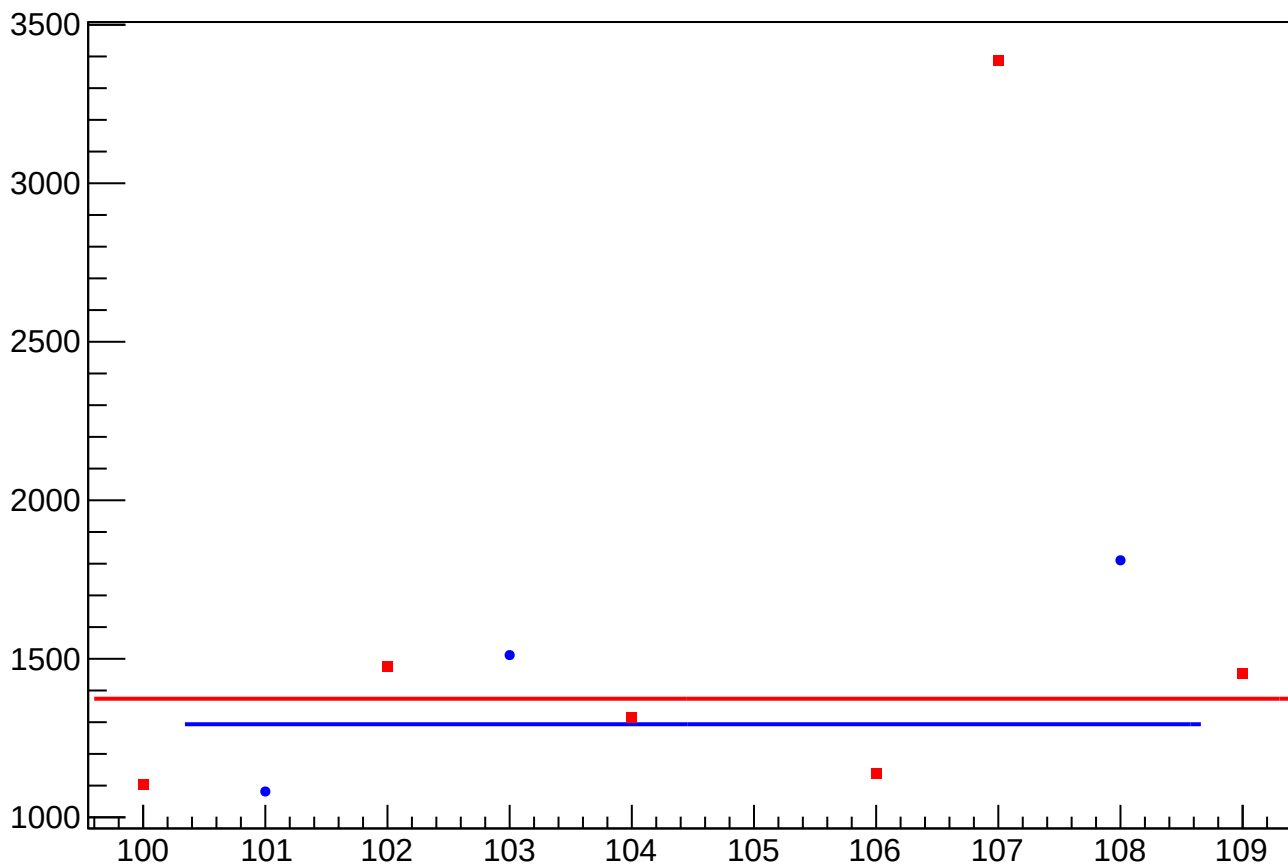
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1380.244 $\pm$ 687.053 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_cor_correction_rms vs Slug



Right In: 1293.567+/-0.728 χ^2/NDF : 139507.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.079+/-0.652 χ^2/NDF : 217670.2/5

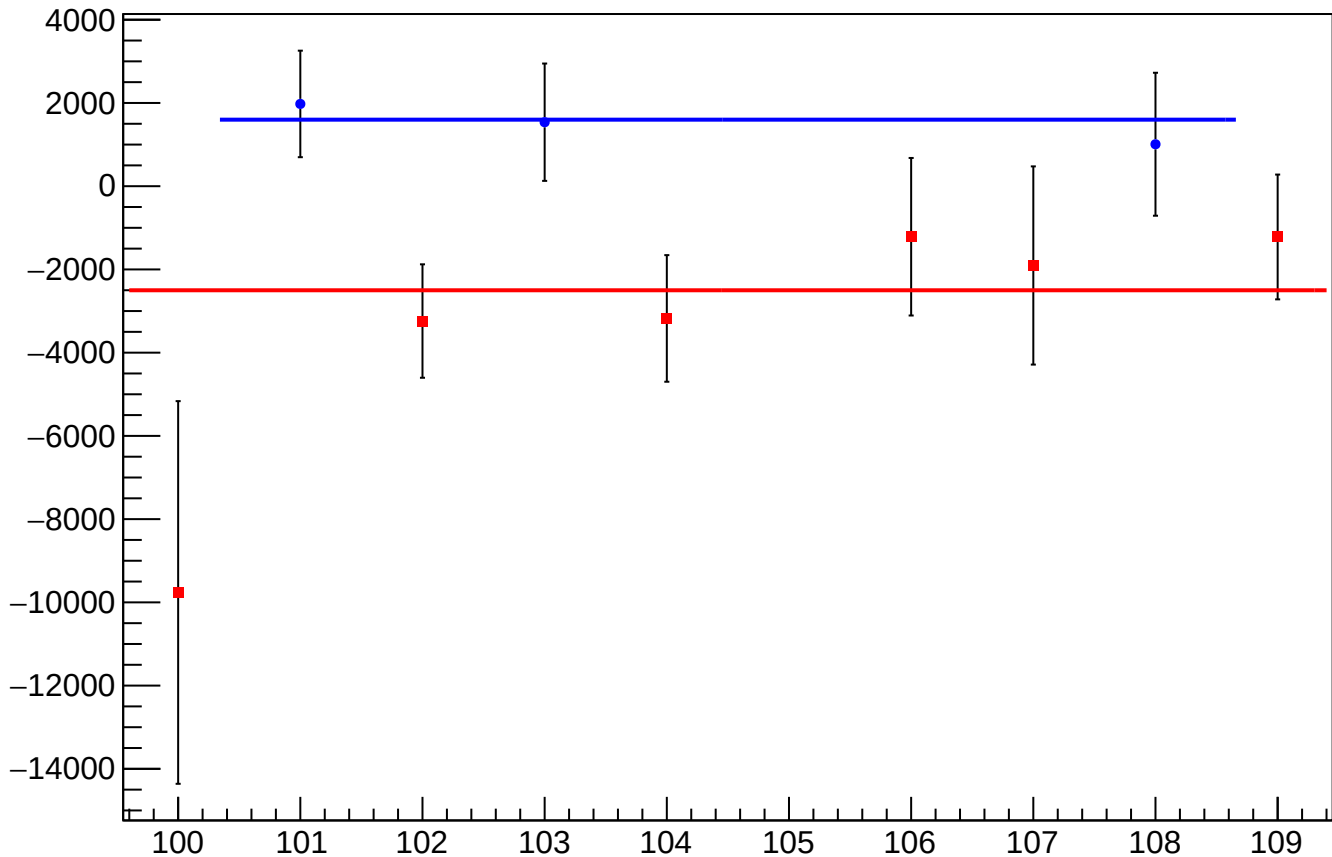
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1338.241+/-0.486 χ^2/NDF : 363961.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_mean vs Slug



Right In: 1598.664 $\pm$ 829.698 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2500.846 $\pm$ 722.050 χ^2 /NDF: 4.2/5

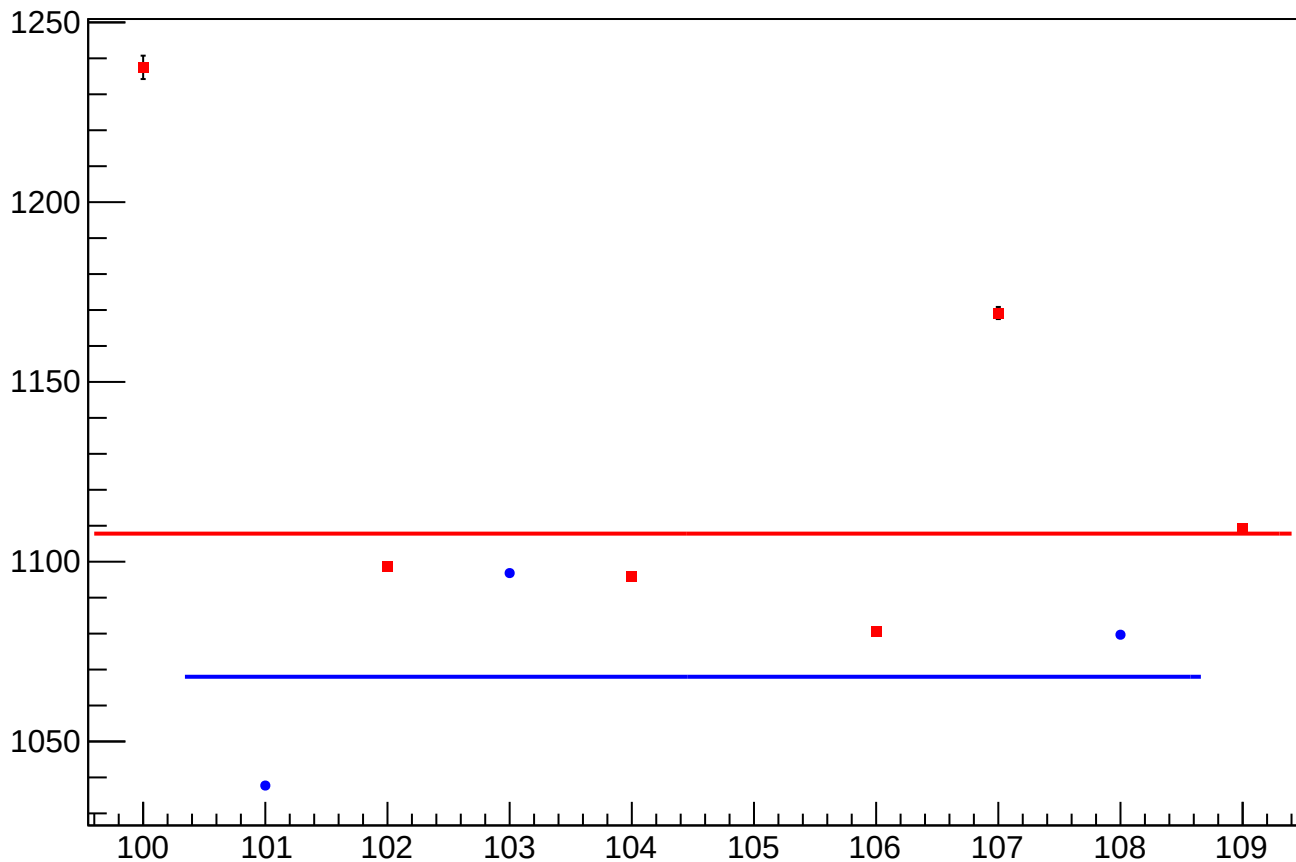
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -734.120 $\pm$ 544.676 χ^2 /NDF: 18.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_rms vs Slug



Right In: 1067.999 $\pm$ 0.587 χ^2 /NDF: 2047.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1107.808 $\pm$ 0.511 χ^2 /NDF: 3545.8/5

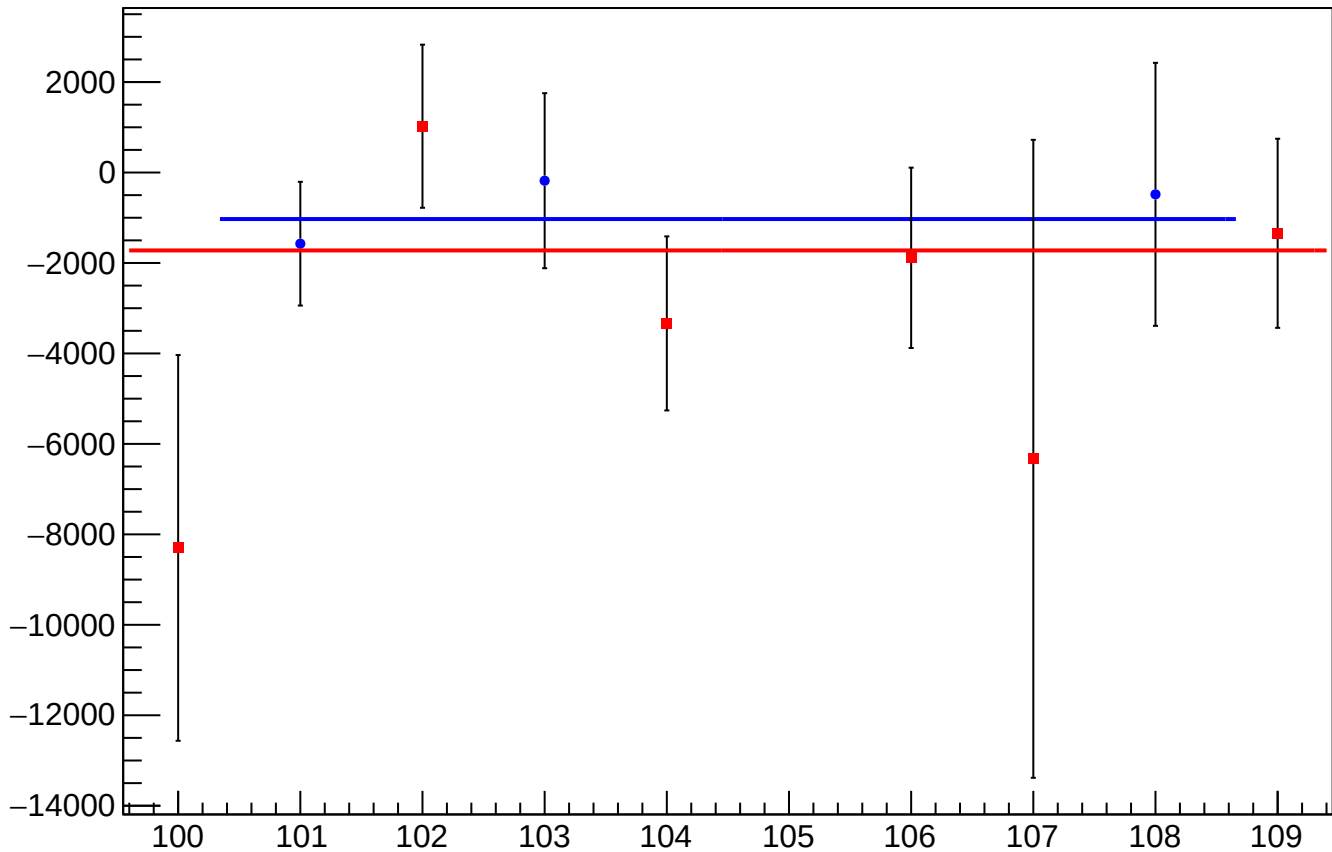
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1090.652 $\pm$ 0.385 χ^2 /NDF: 8213.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_dit_correction_mean vs Slug



Right In: -1028.803 $\pm$ 1042.723 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1722.691 $\pm$ 939.383 χ^2 /NDF: 5.9/5

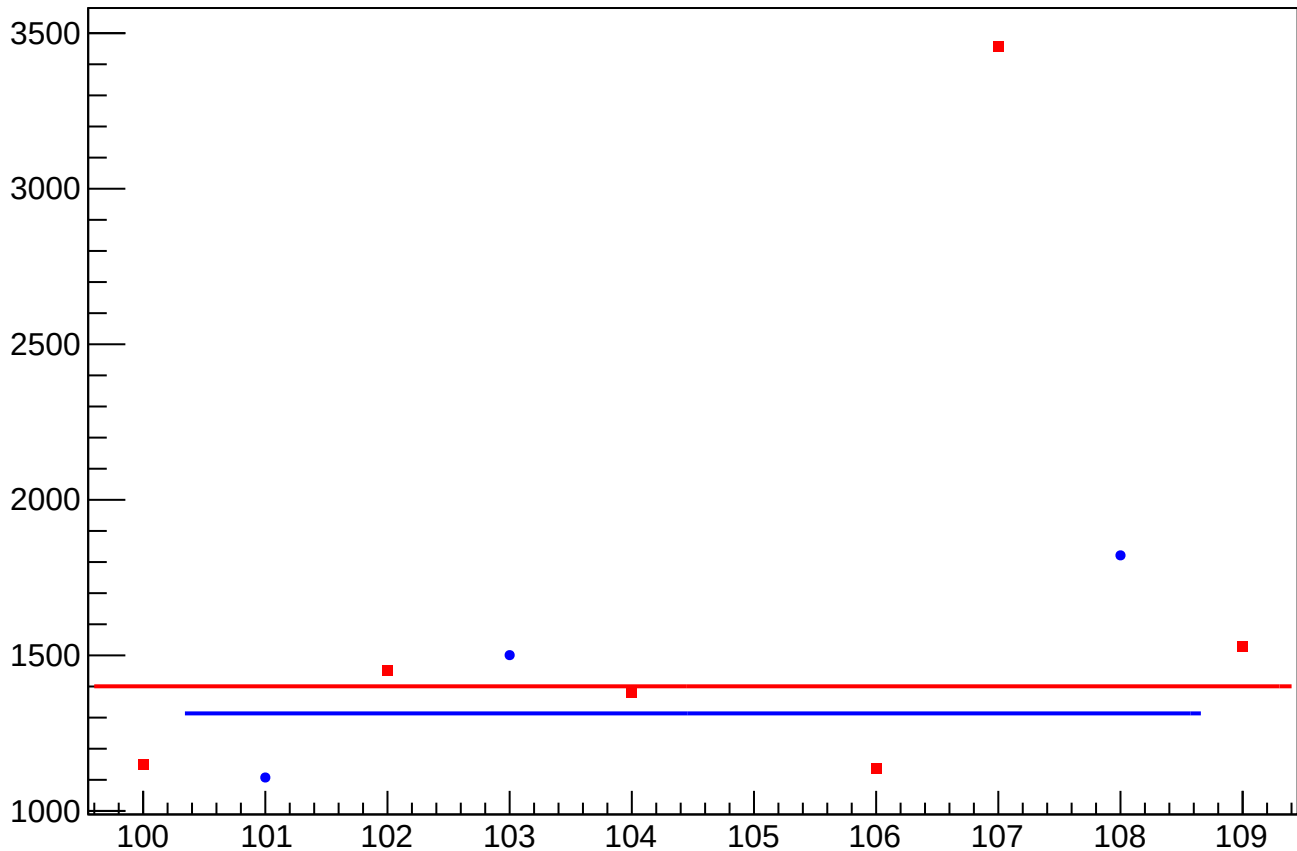
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1411.826 $\pm$ 697.928 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_dit_correction_rms vs Slug



Right In: 1313.554+/-0.737 χ^2/NDF : 125149.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1400.602+/-0.664 χ^2/NDF : 221409.1/5

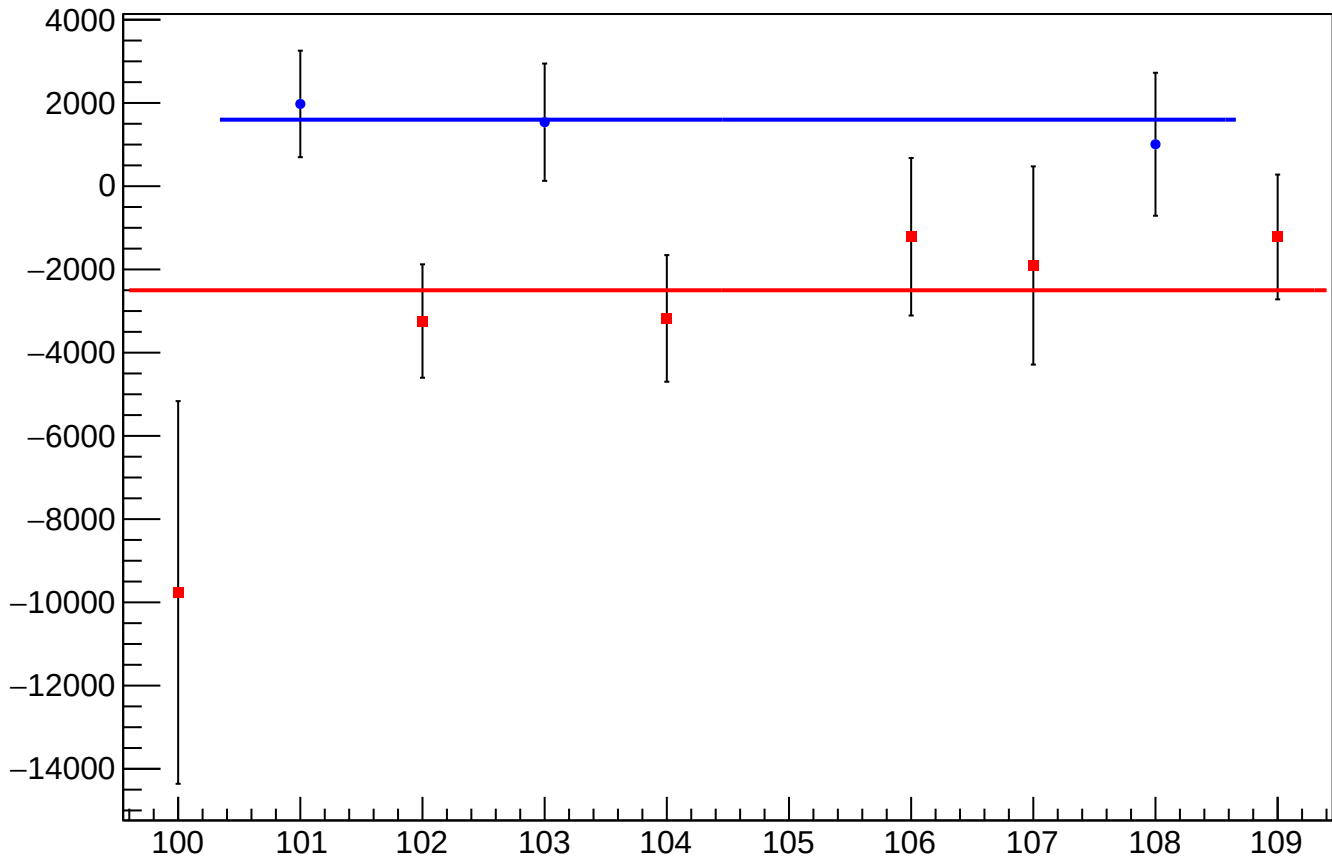
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1361.604+/-0.494 χ^2/NDF : 354252.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_mean vs Slug



Right In: 1598.665 $\pm$ 829.698 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2500.841 $\pm$ 722.050 χ^2 /NDF: 4.2/5

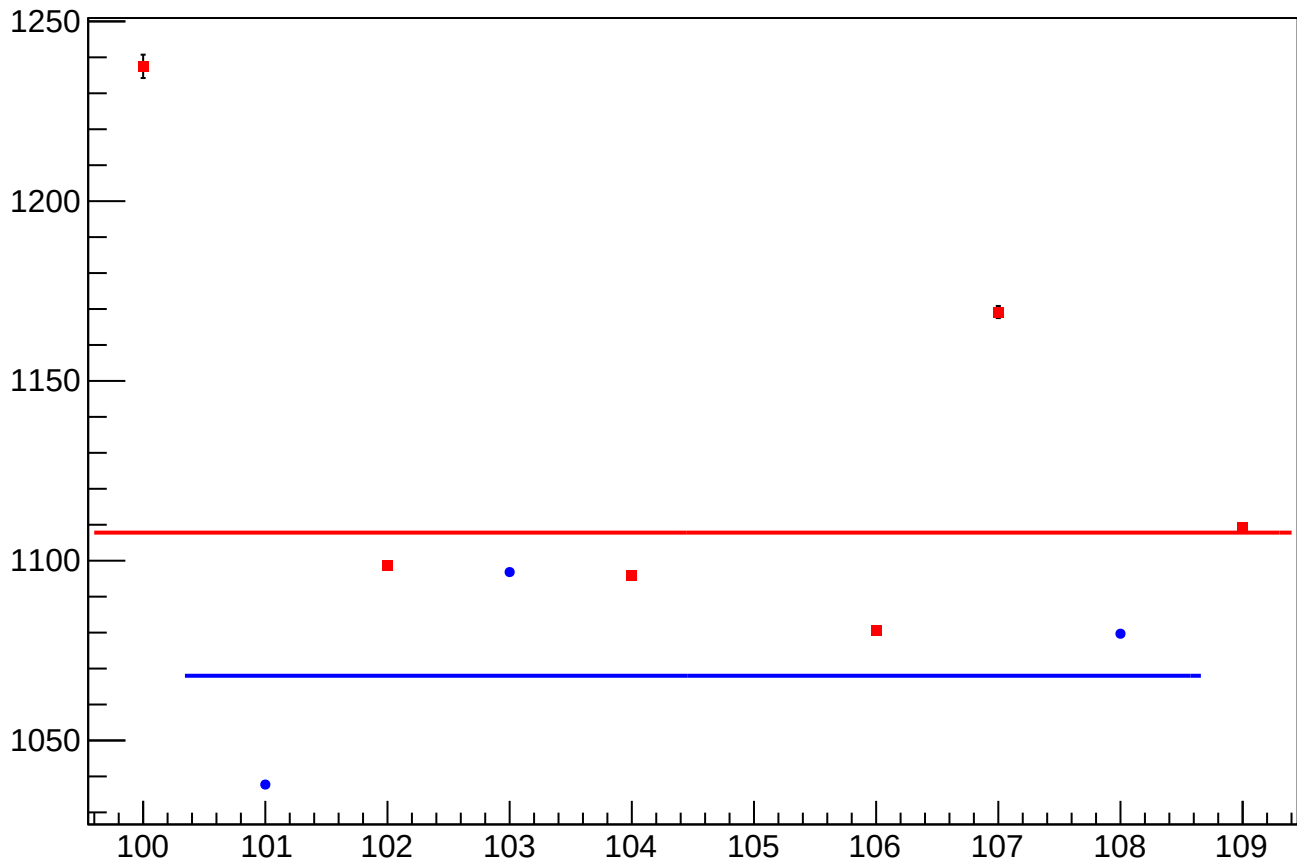
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -734.117 $\pm$ 544.676 χ^2 /NDF: 18.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_rms vs Slug



Right In: 1067.999 $\pm$ 0.587 χ^2 /NDF: 2047.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1107.808 $\pm$ 0.511 χ^2 /NDF: 3545.7/5

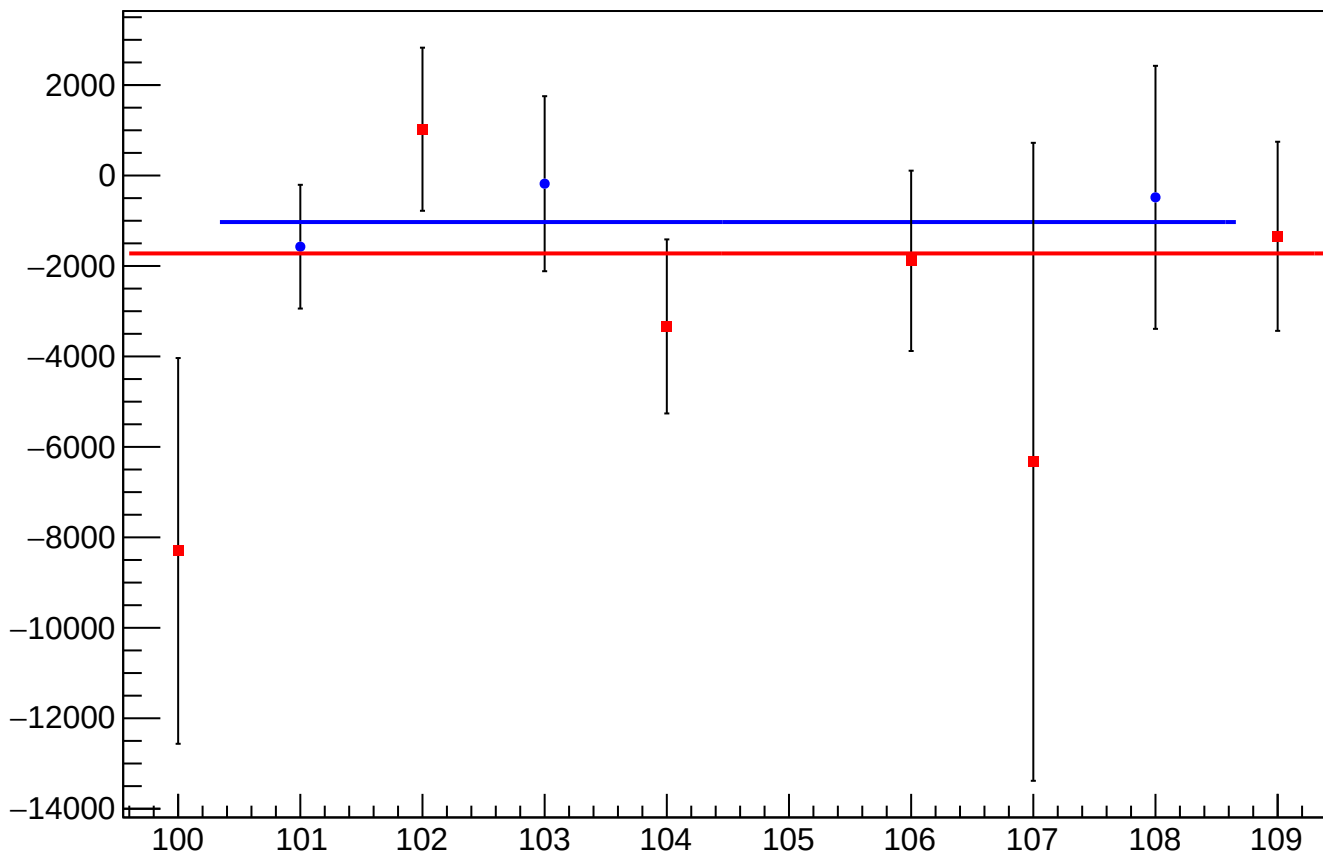
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1090.652 $\pm$ 0.385 χ^2 /NDF: 8213.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_correction_mean vs Slug



Right In: -1028.801 ± 1042.722 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1722.687 ± 939.381 χ^2/NDF : 5.9/5

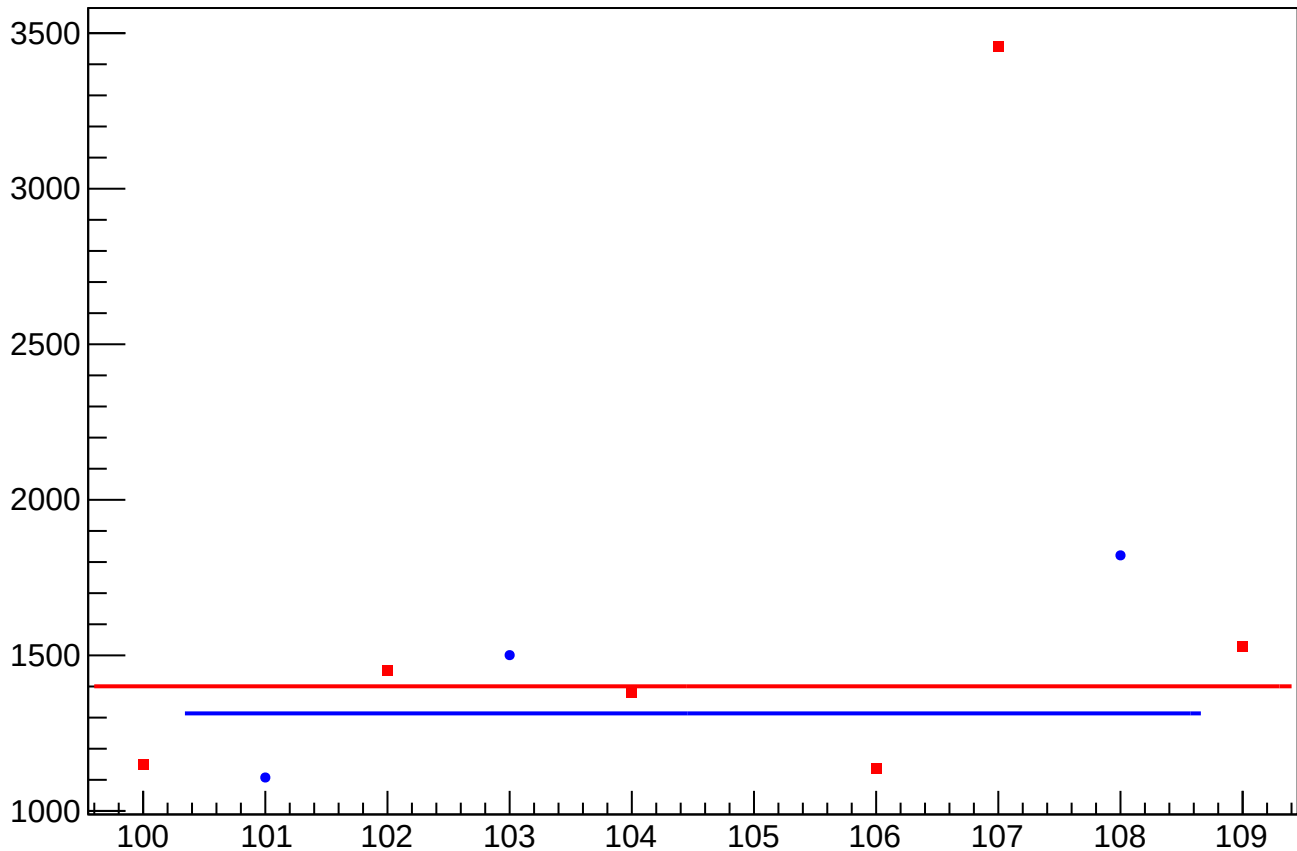
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1411.823 ± 697.926 χ^2/NDF : 6.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 1313.552 $\pm$ 0.737 χ^2 /NDF: 125149.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1400.599 $\pm$ 0.664 χ^2 /NDF: 221407.2/5

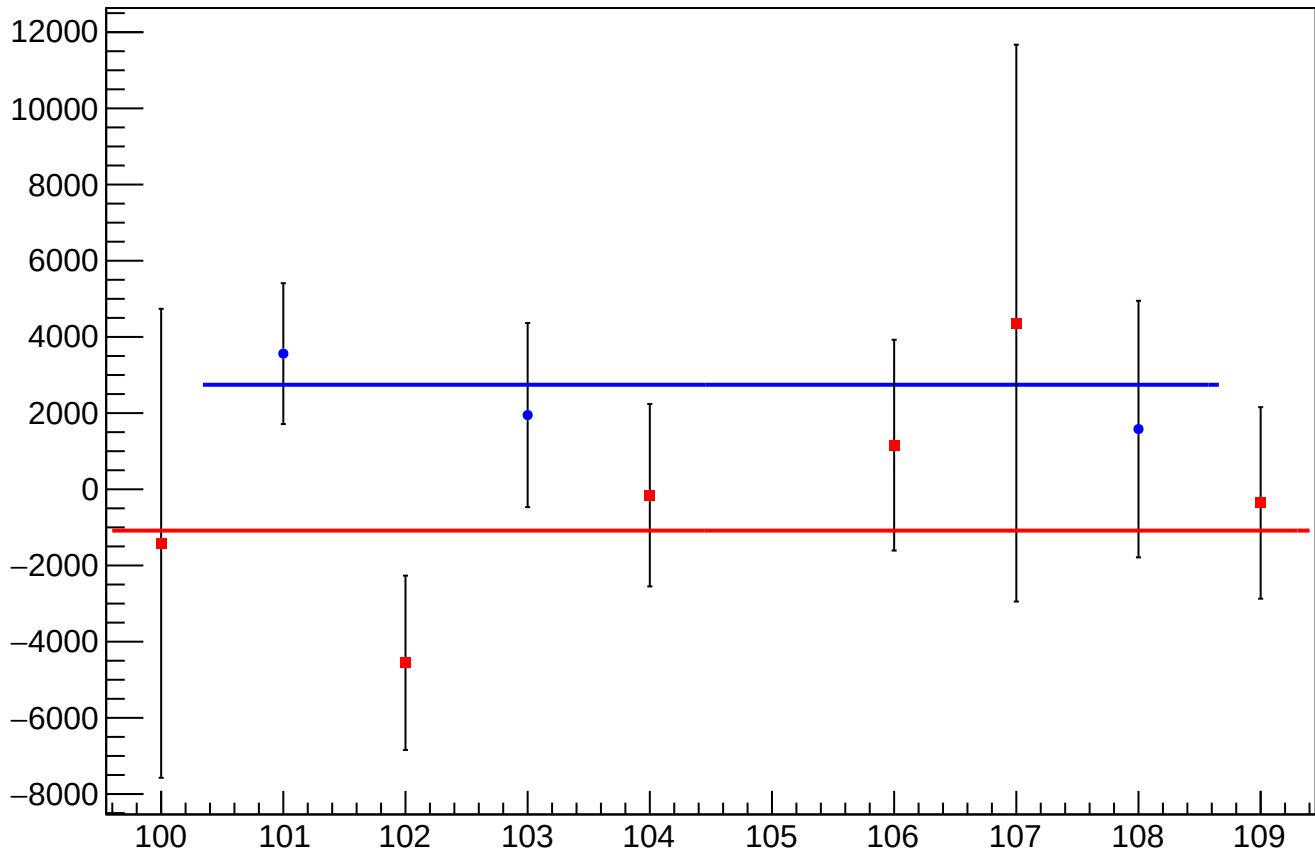
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1361.602 $\pm$ 0.494 χ^2 /NDF: 354250.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_mean vs Slug



Right In: 2744.489+/-1346.223 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1084.216+/-1195.710 χ^2/NDF : 3.8/5

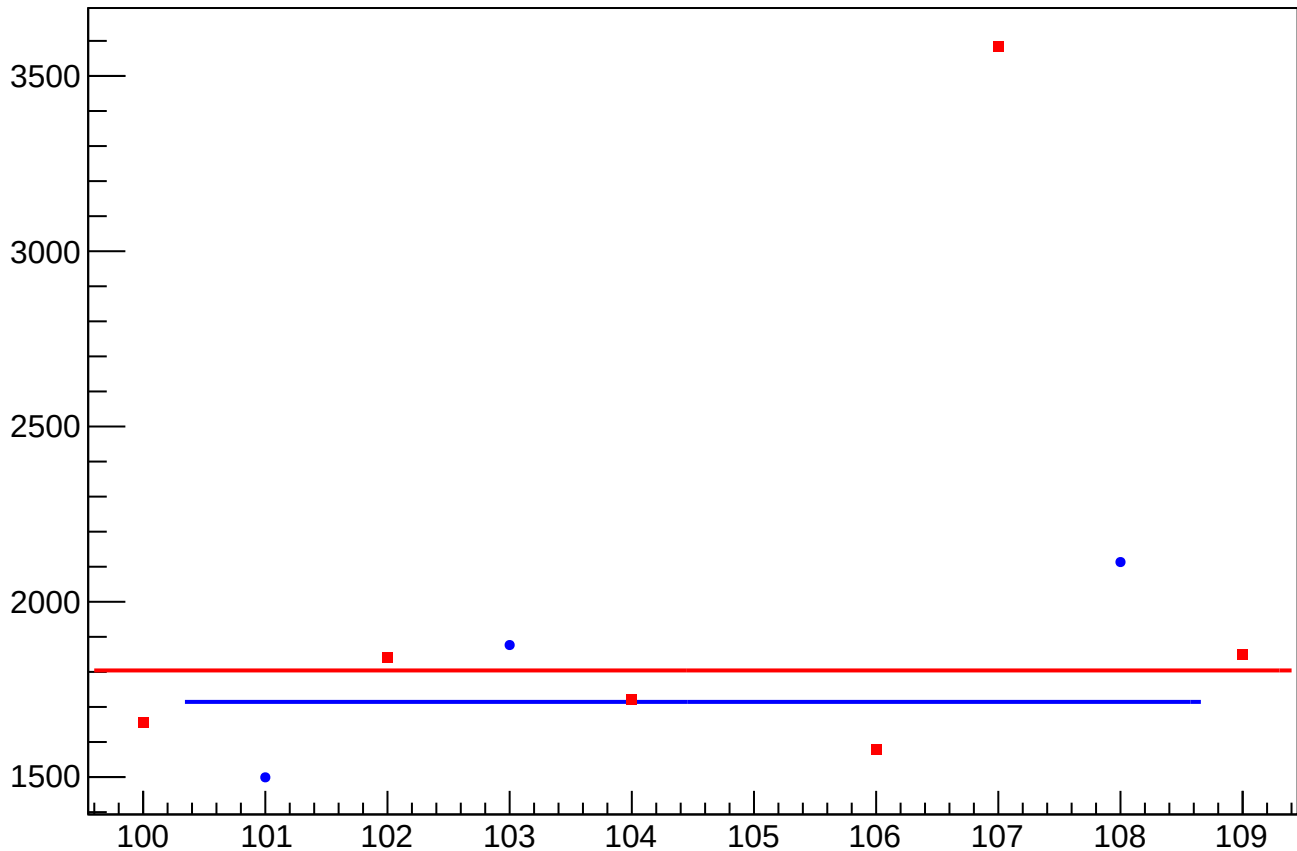
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 604.224+/-893.992 χ^2/NDF : 8.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_rms vs Slug



Right In: 1714.437+/-0.952 χ^2/NDF : 64155.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.132+/-0.845 χ^2/NDF : 136657.1/5

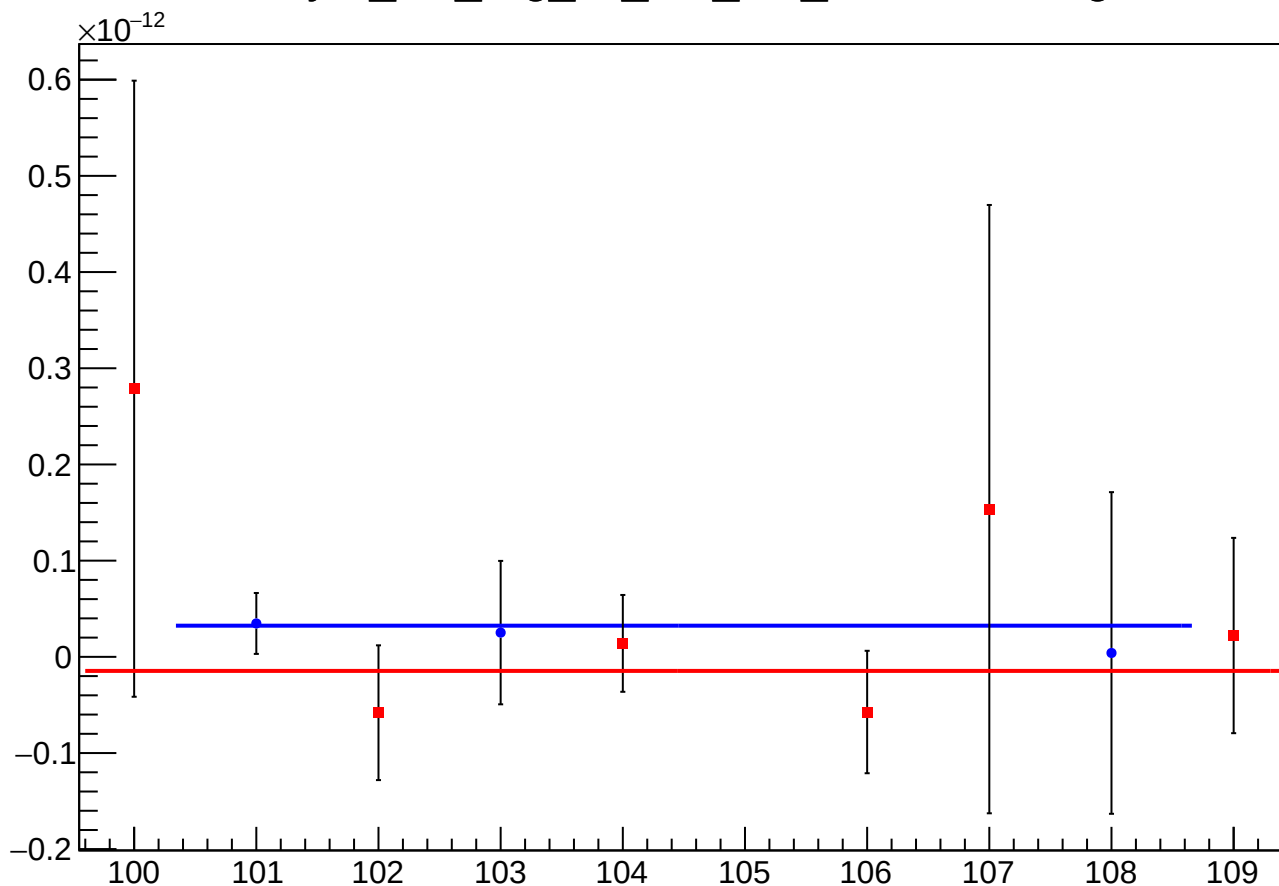
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1764.577+/-0.632 χ^2/NDF : 205775.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/5

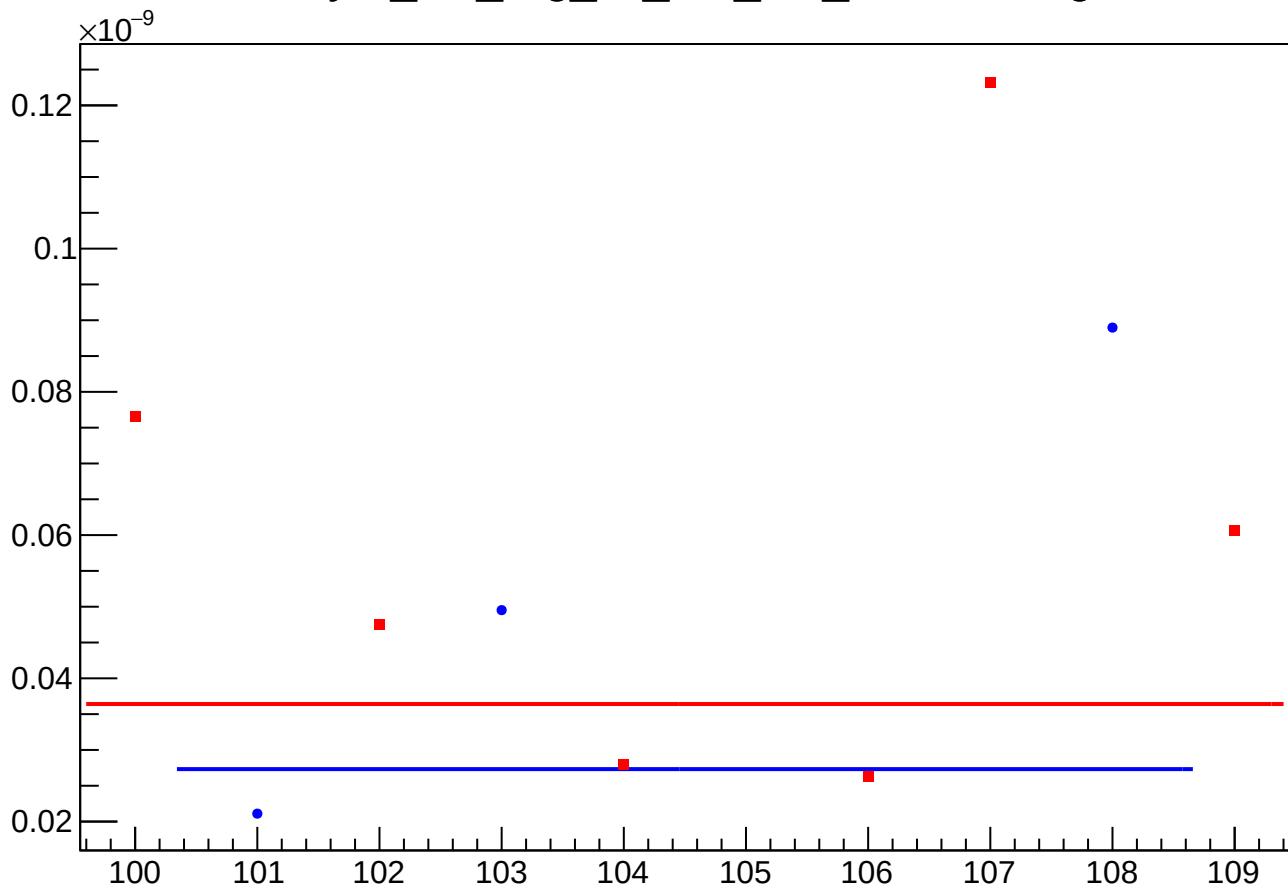
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 526444.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 454140.1/5

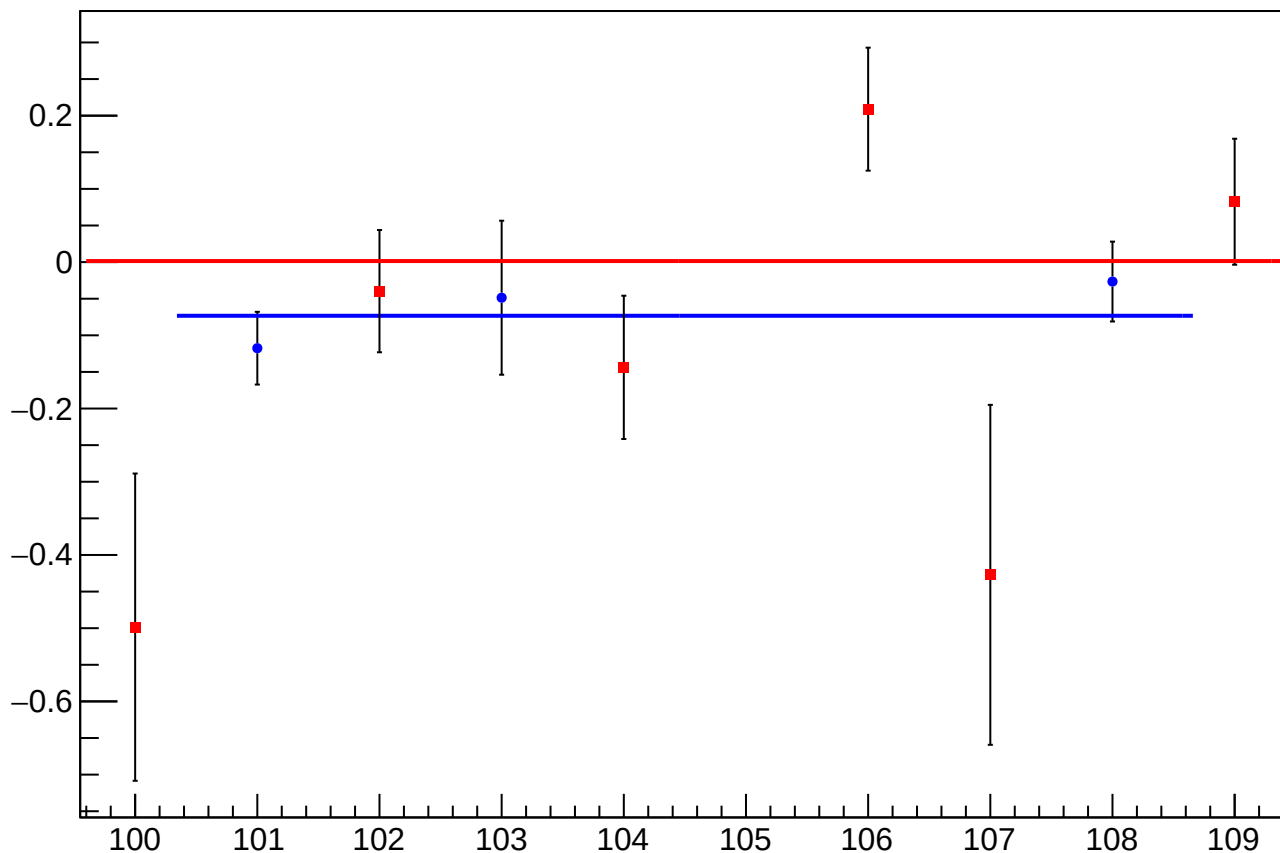
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1069246.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: -0.073+/-0.035 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.042 χ^2/NDF : 18.5/5

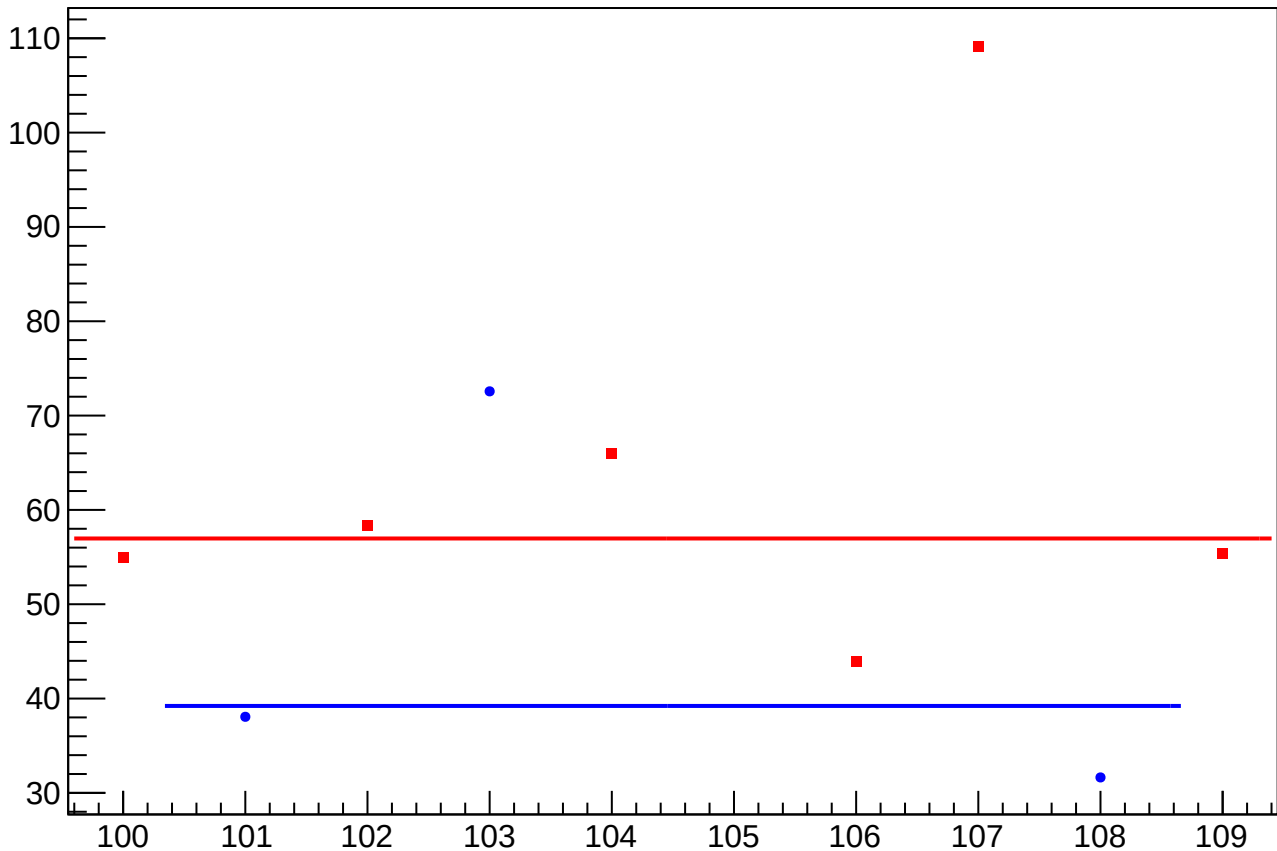
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.027 χ^2/NDF : 22.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 39.217+/-0.025 χ^2/NDF : 240831.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.970+/-0.030 χ^2/NDF : 167323.6/5

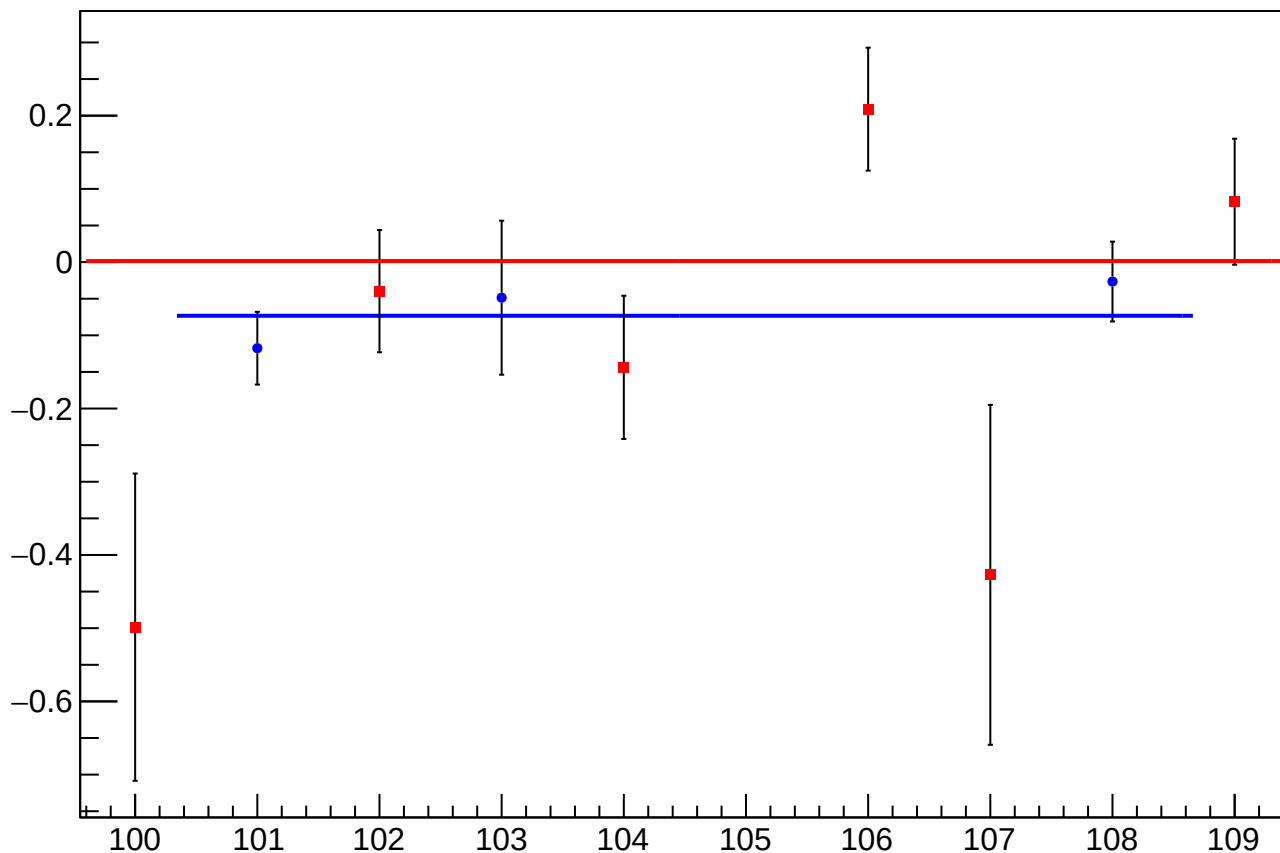
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.406+/-0.019 χ^2/NDF : 620483.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.073+/-0.035 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.042 χ^2/NDF : 18.5/5

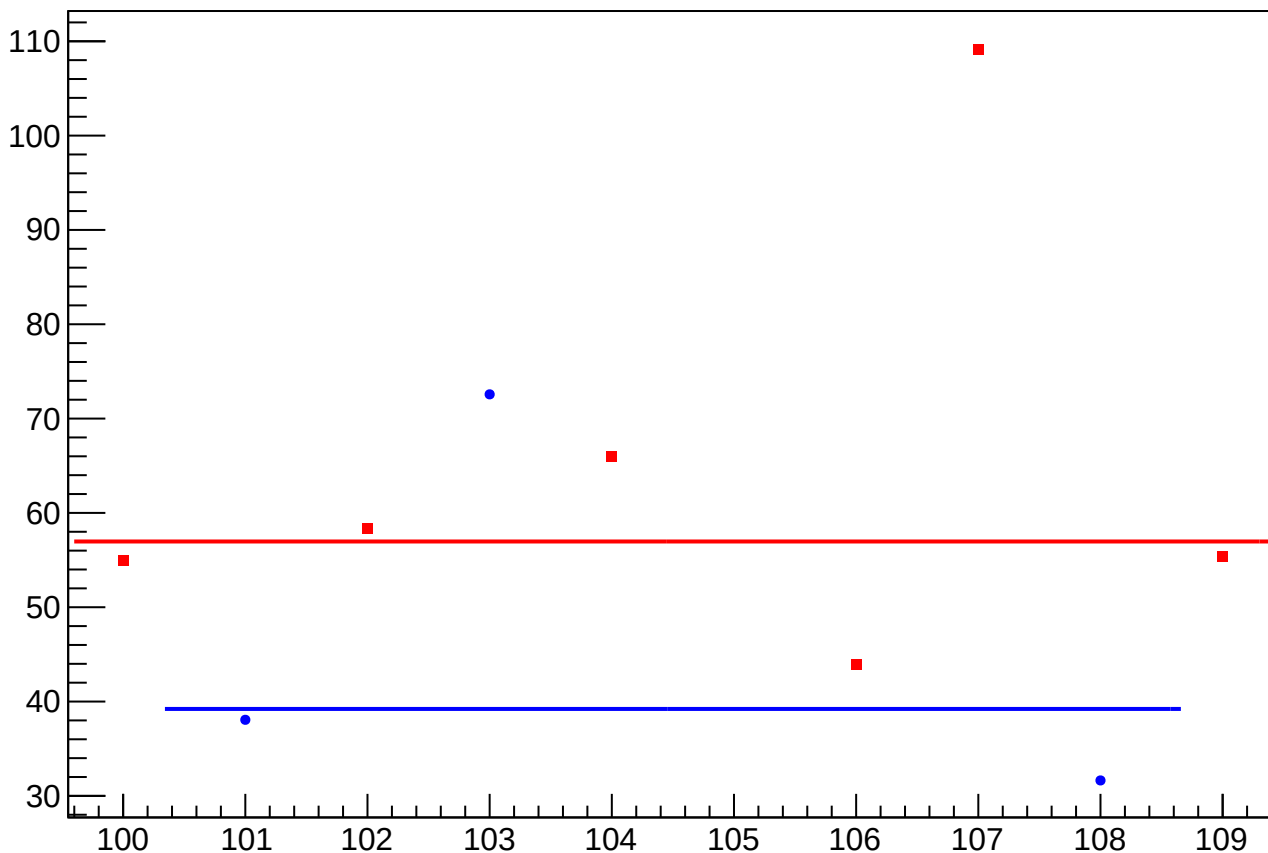
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.027 χ^2/NDF : 22.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.217 $\pm$ 0.025 χ^2 /NDF: 240831.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.970 $\pm$ 0.030 χ^2 /NDF: 167323.6/5

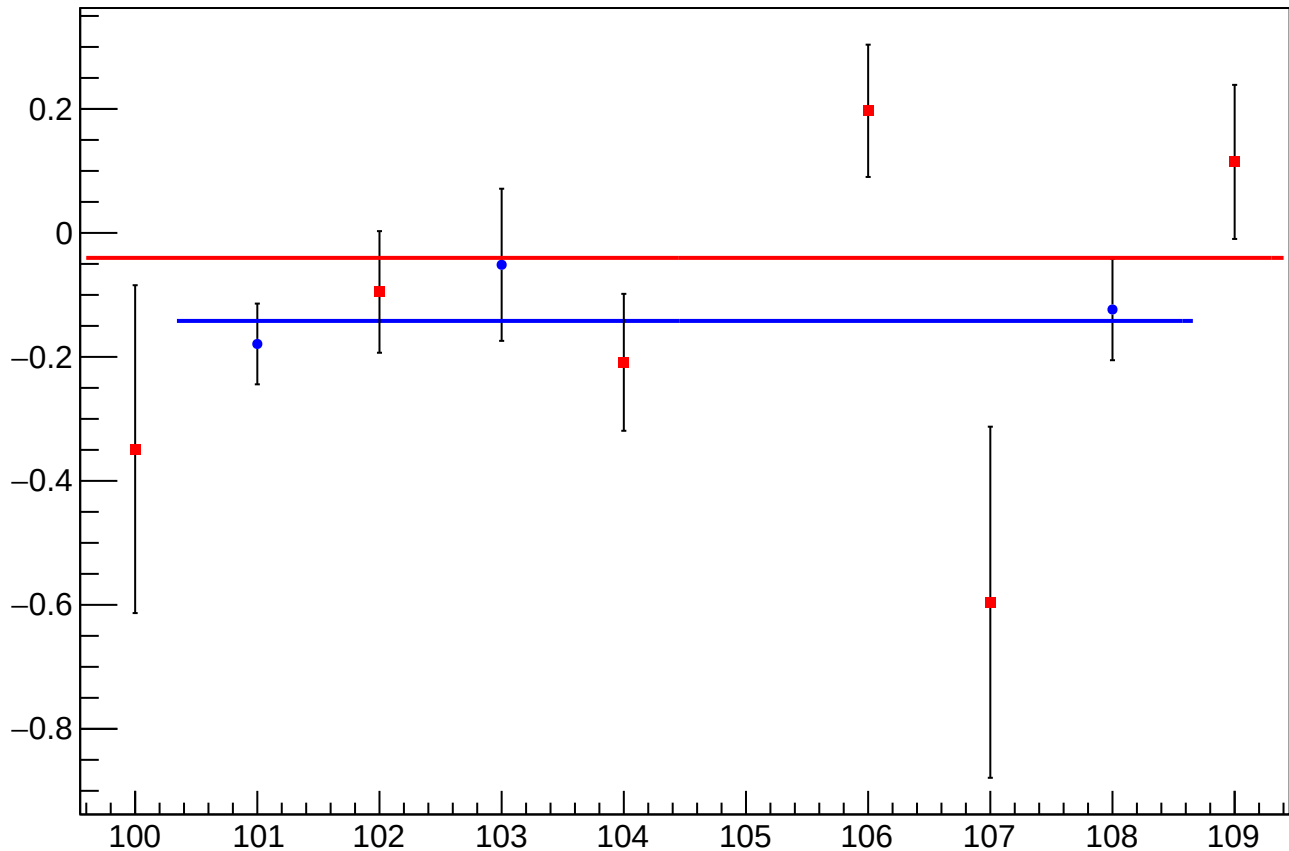
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.406 $\pm$ 0.019 χ^2 /NDF: 620483.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.142 ± 0.047 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.040 ± 0.052 χ^2/NDF : 14.3/5

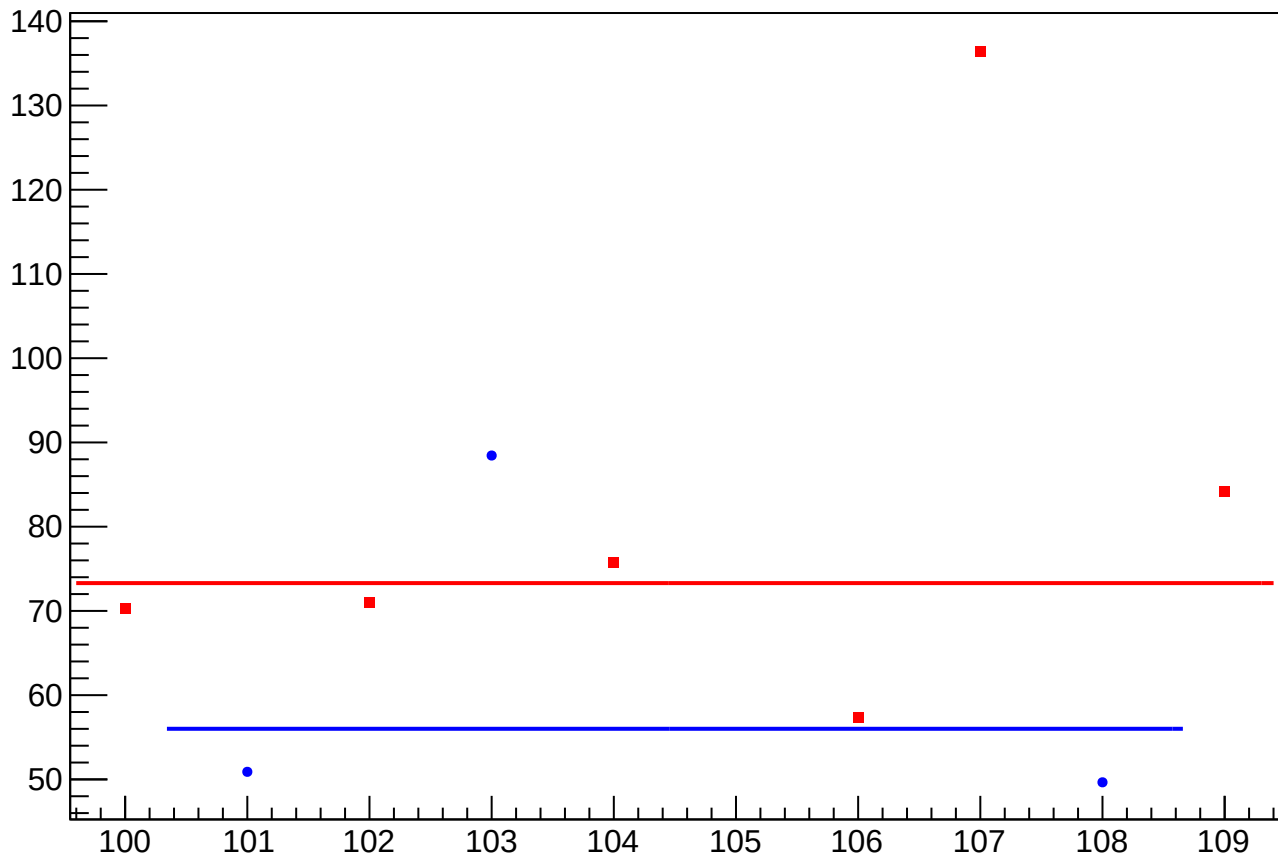
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.097 ± 0.035 χ^2/NDF : 17.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 56.008 $\pm$ 0.033 χ^2 /NDF: 164164.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.302 $\pm$ 0.037 χ^2 /NDF: 161984.4/5

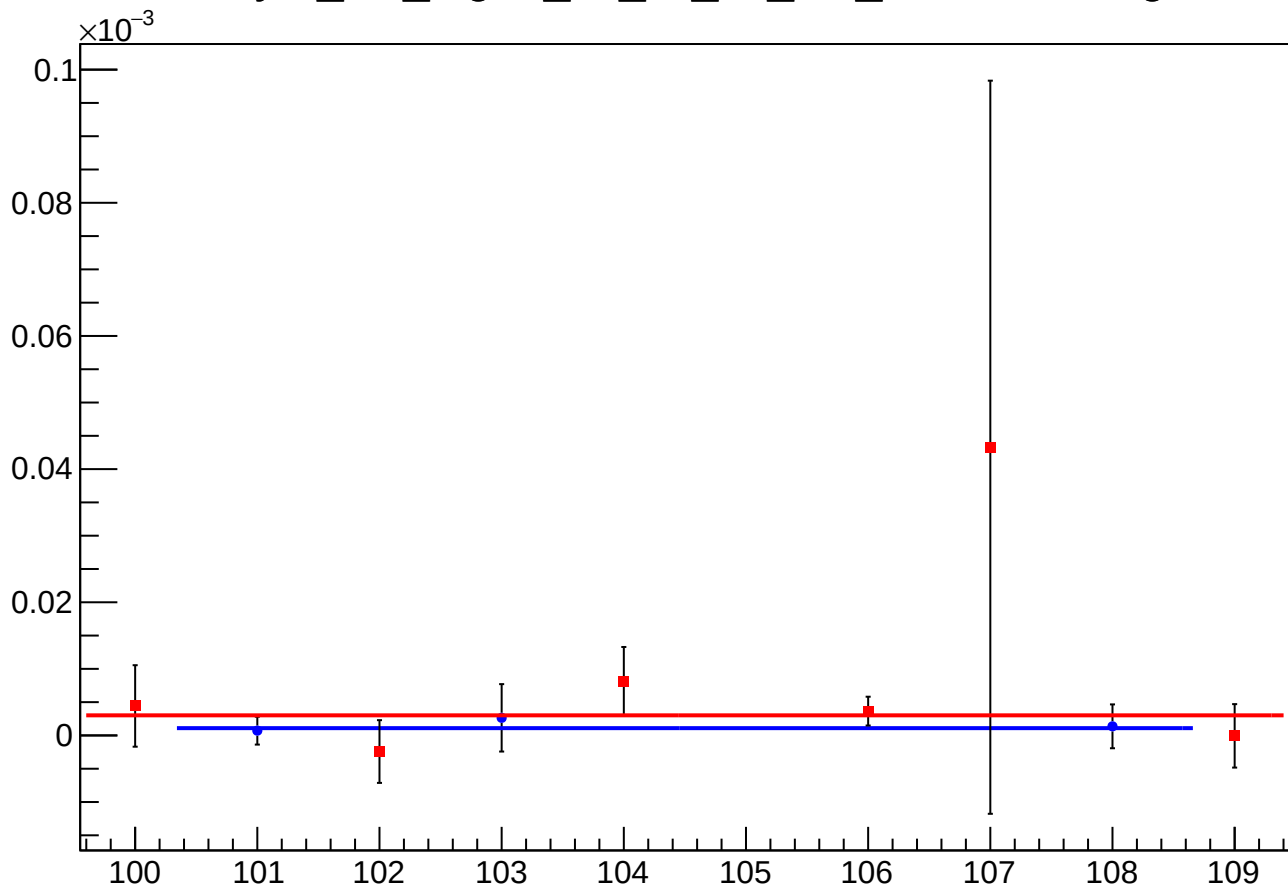
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.740 $\pm$ 0.025 χ^2 /NDF: 446953.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/5

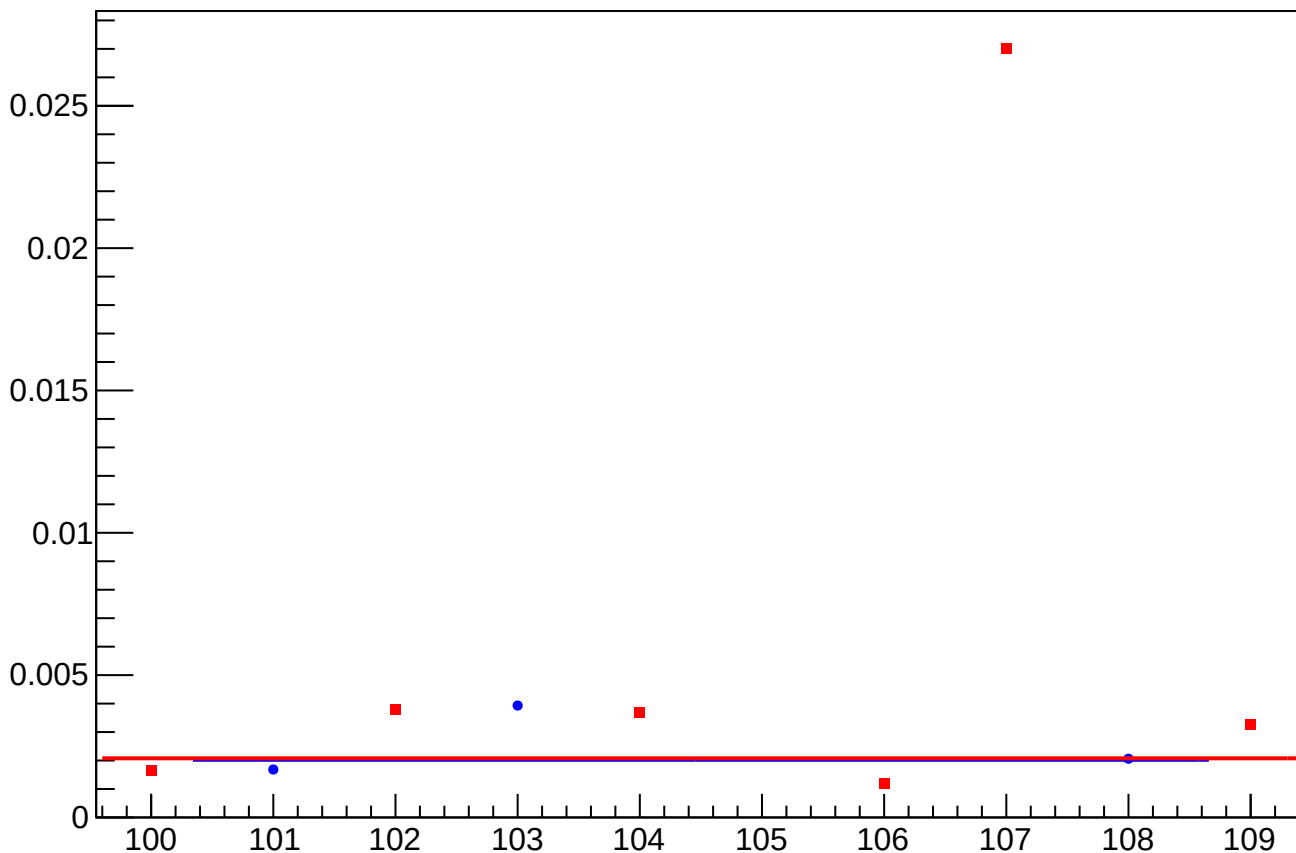
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 337046.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1331374.5/5

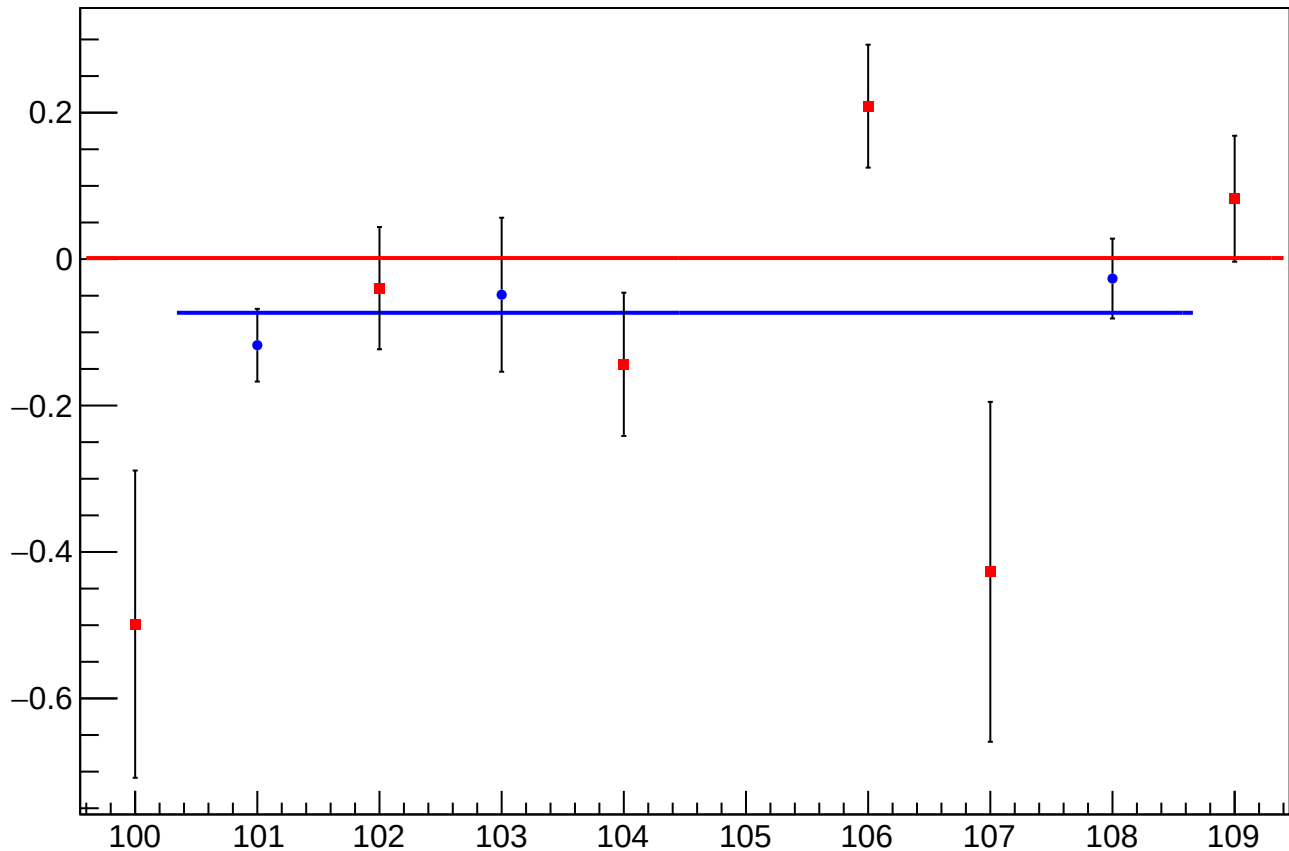
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1669402.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.073+/-0.035 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.042 χ^2/NDF : 18.5/5

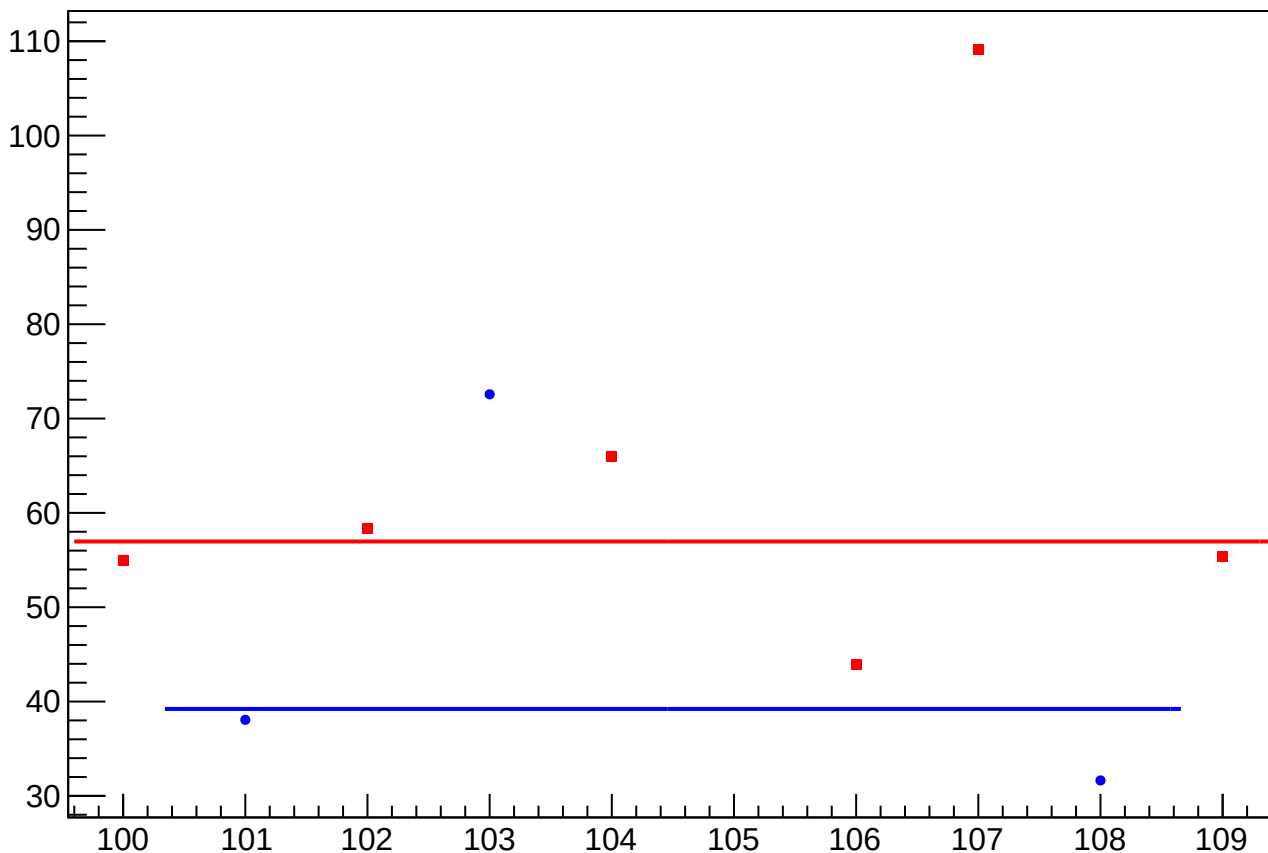
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.043+/-0.027 χ^2/NDF : 22.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.217+/-0.025 χ^2/NDF : 240827.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.970+/-0.030 χ^2/NDF : 167308.9/5

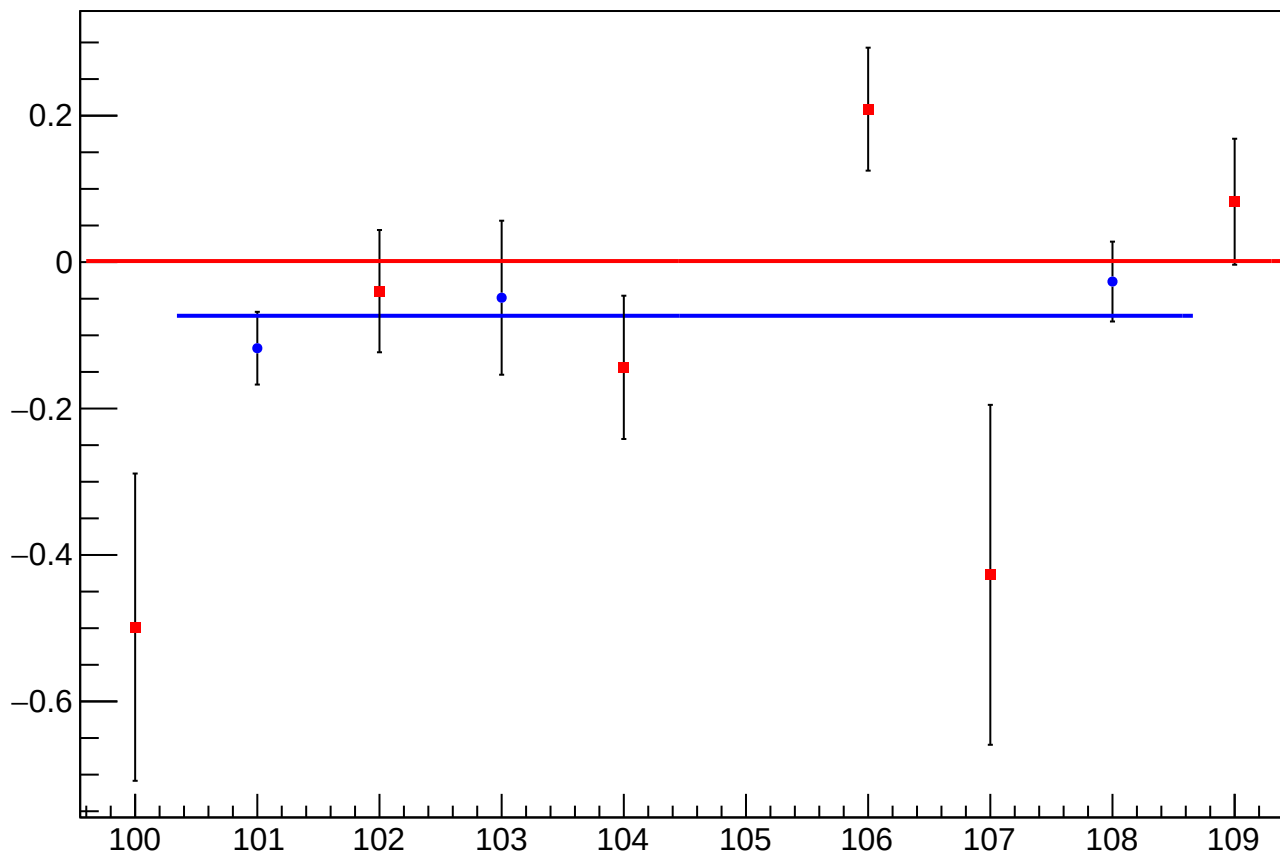
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.406+/-0.019 χ^2/NDF : 620461.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.073+/-0.035 χ^2 /NDF: 1.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.001+/-0.042 χ^2 /NDF: 18.5/5

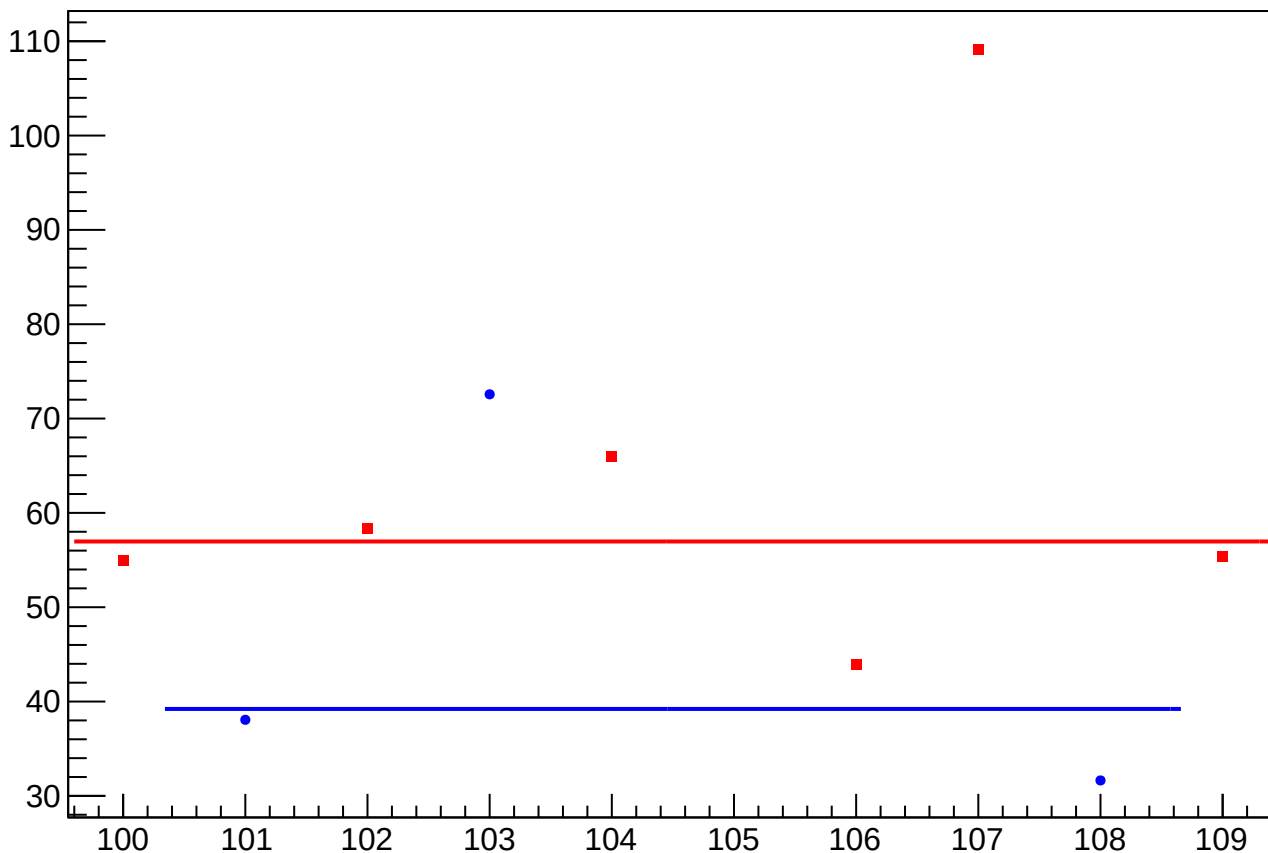
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.043+/-0.027 χ^2 /NDF: 22.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.217+/-0.025 χ^2/NDF : 240827.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.970+/-0.030 χ^2/NDF : 167308.9/5

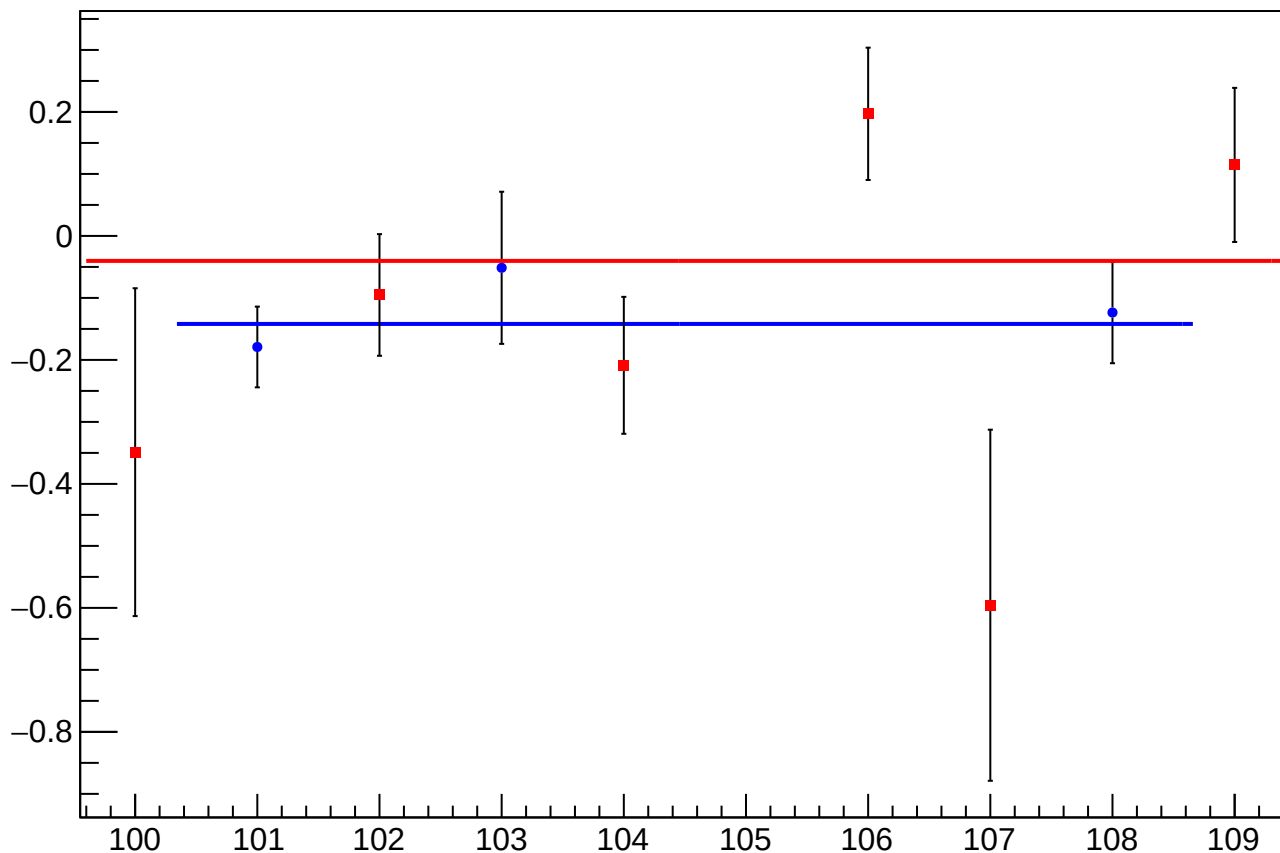
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.406+/-0.019 χ^2/NDF : 620461.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.142 $\pm$ 0.047 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.040 $\pm$ 0.052 χ^2 /NDF: 14.3/5

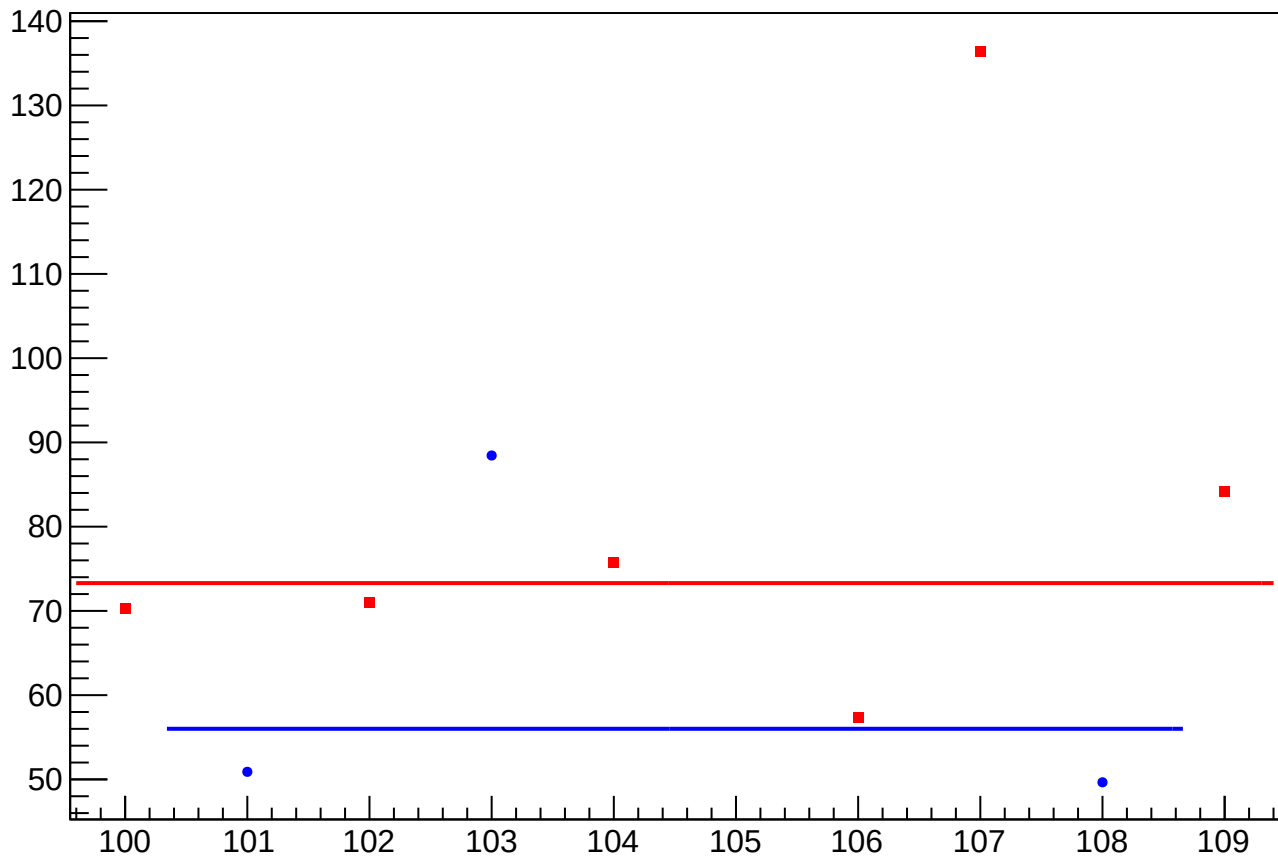
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.096 $\pm$ 0.035 χ^2 /NDF: 17.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 56.008 $\pm$ 0.033 χ^2 /NDF: 164163.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 73.302 $\pm$ 0.037 χ^2 /NDF: 161969.9/5

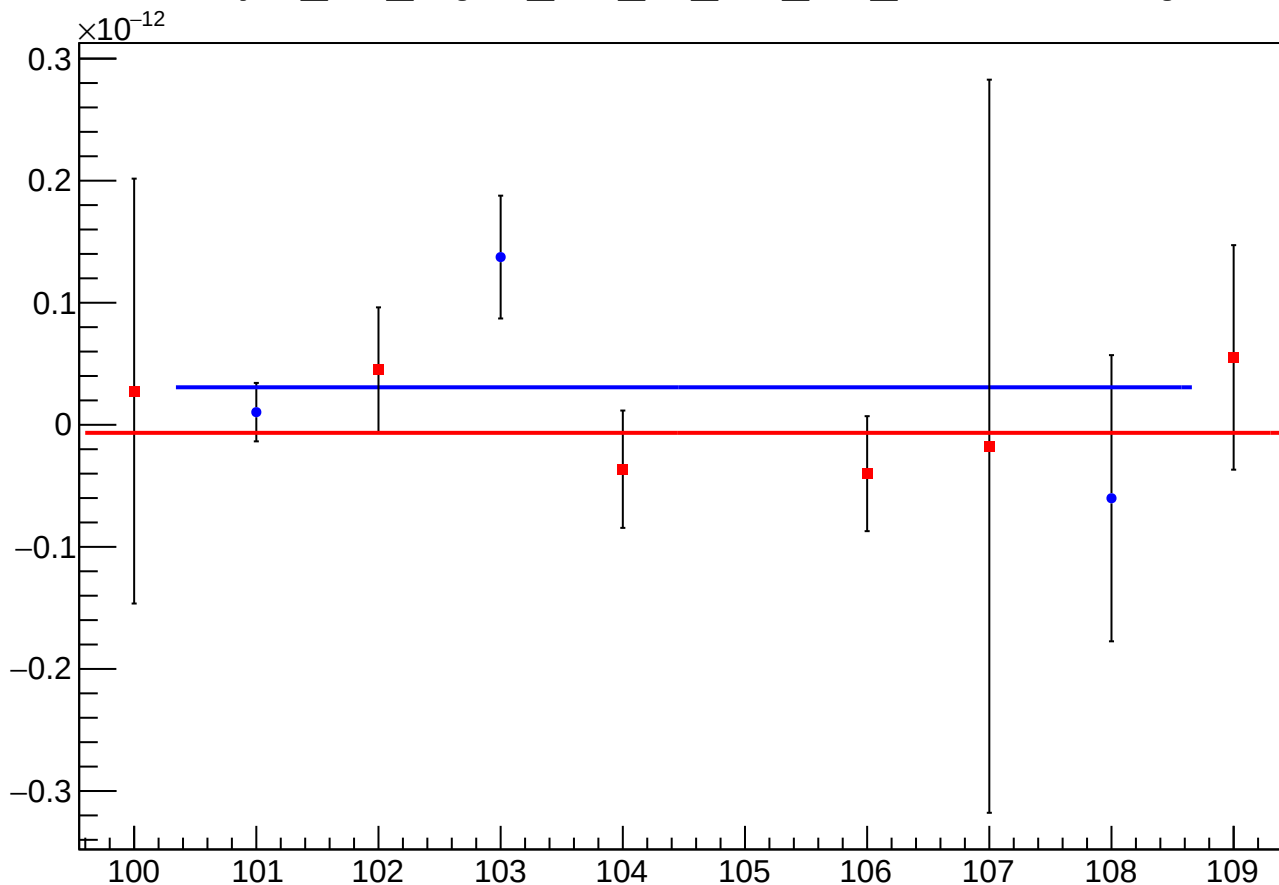
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.740 $\pm$ 0.025 χ^2 /NDF: 446936.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/5

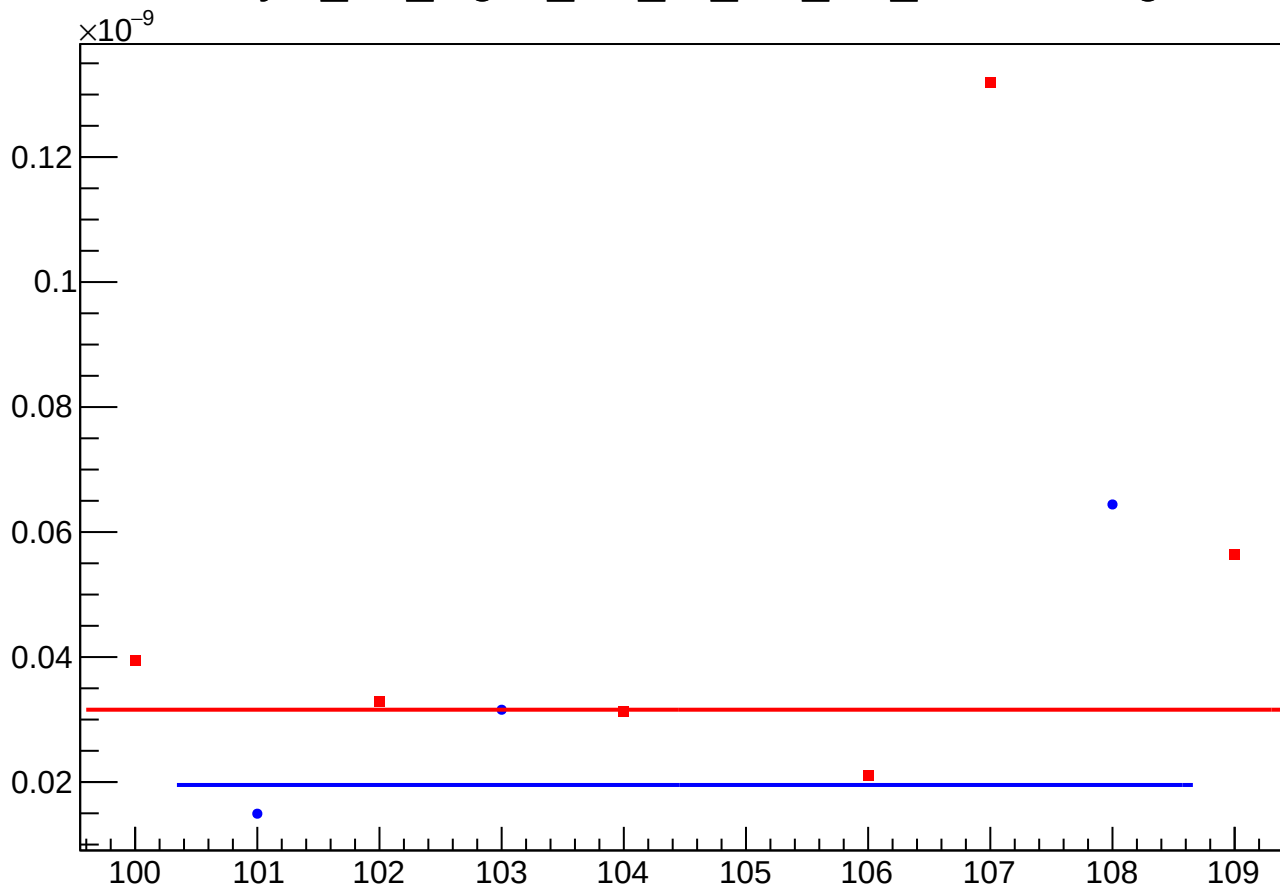
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 481319.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 472900.6/5

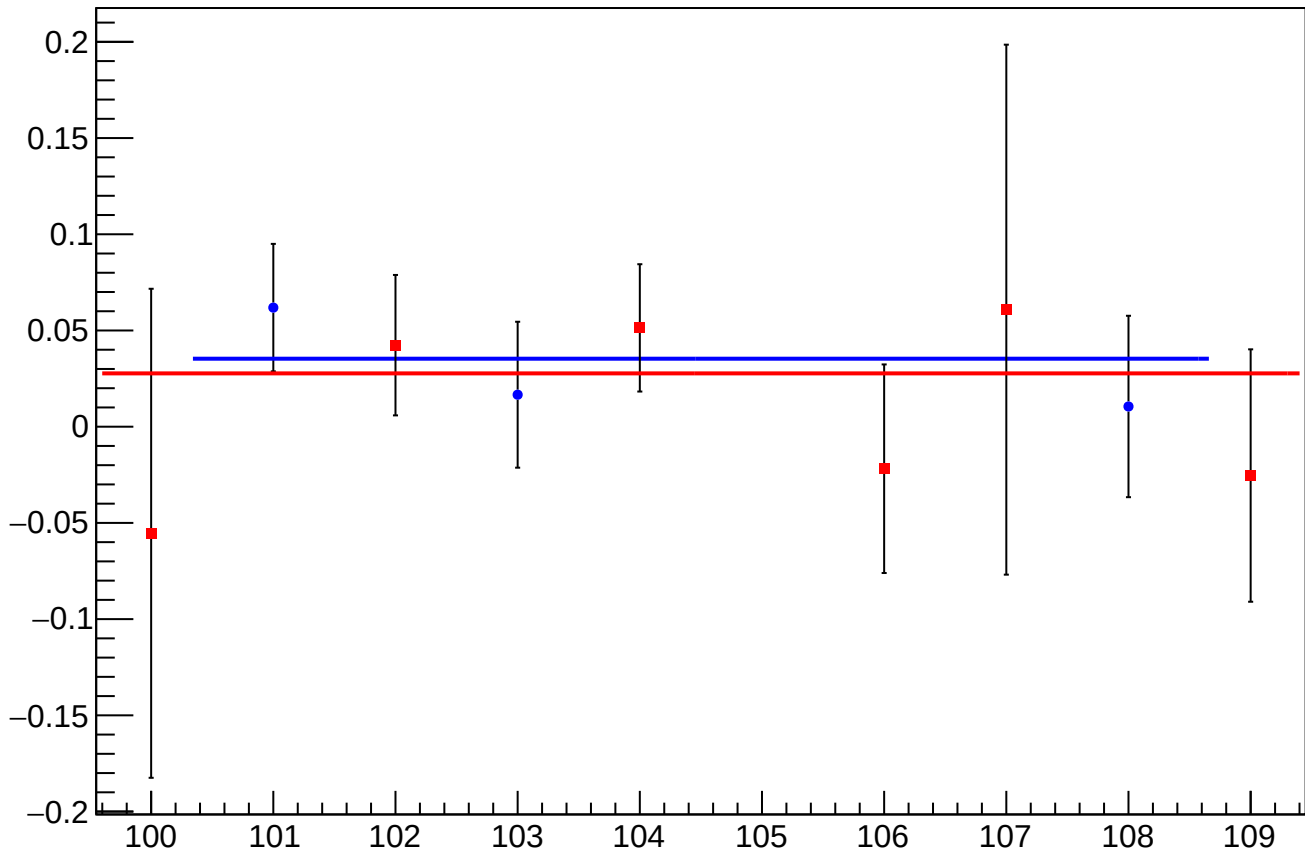
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1205839.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.022 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.028 $\pm$ 0.021 χ^2 /NDF: 2.6/5

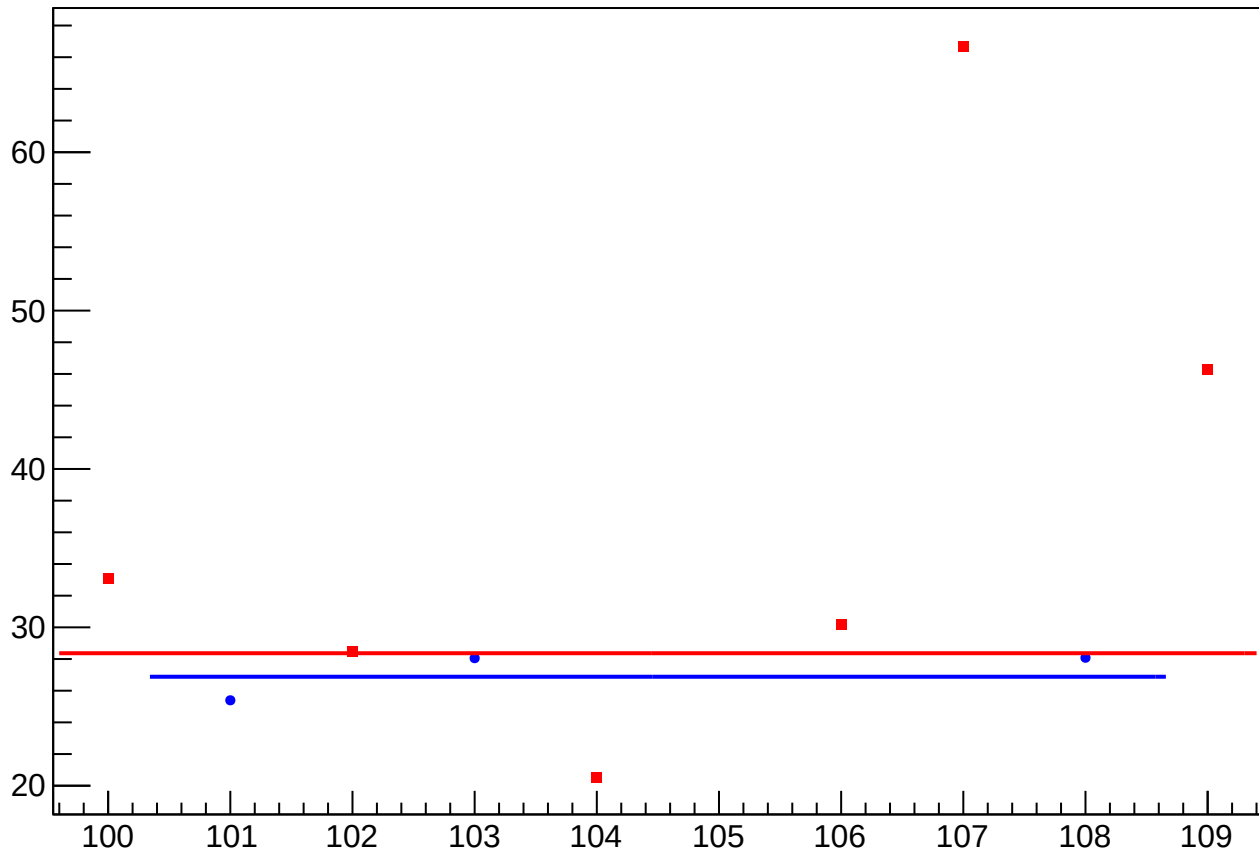
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.015 χ^2 /NDF: 3.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 26.882 $\pm$ 0.016 χ^2 /NDF: 7244.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.366 $\pm$ 0.015 χ^2 /NDF: 421841.5/5

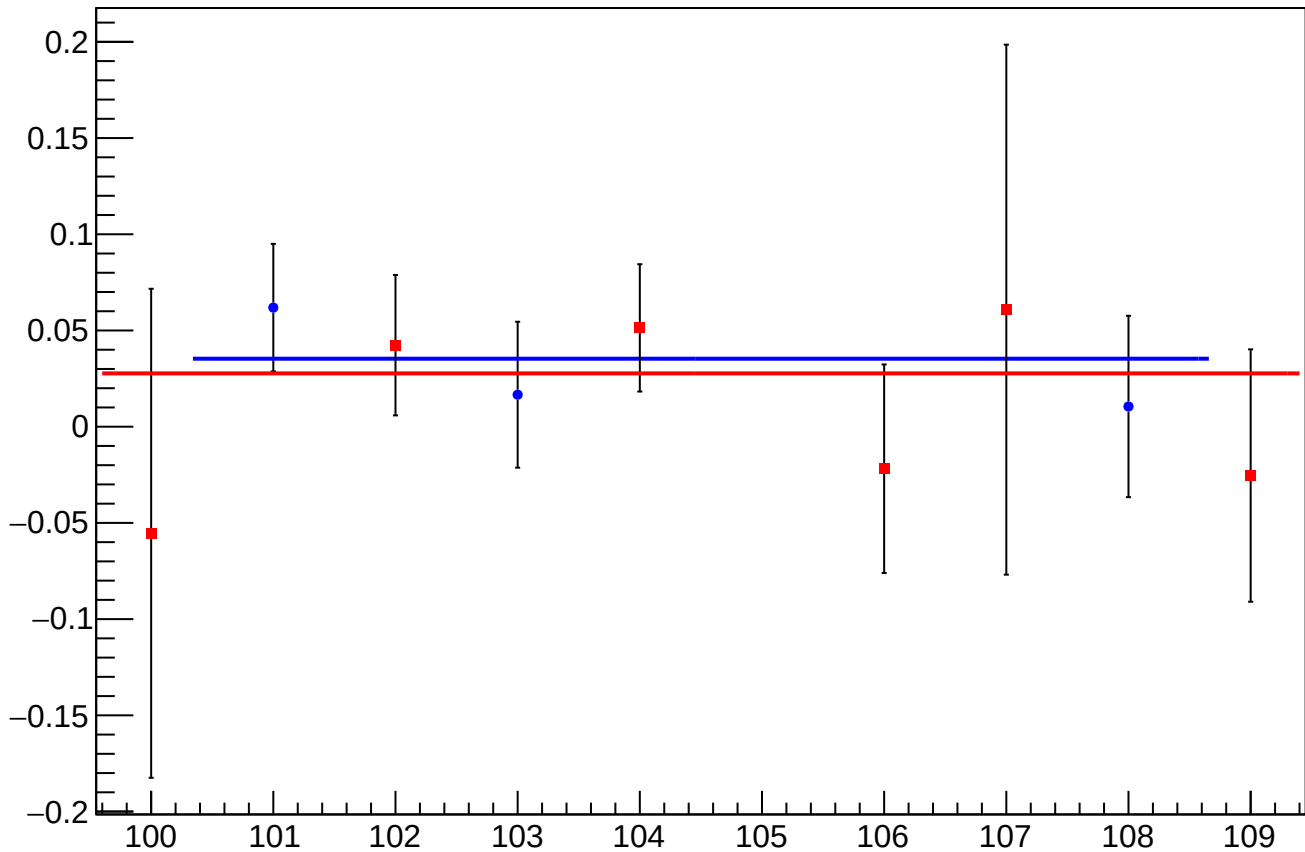
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.674 $\pm$ 0.011 χ^2 /NDF: 433922.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.022 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.028 $\pm$ 0.021 χ^2 /NDF: 2.6/5

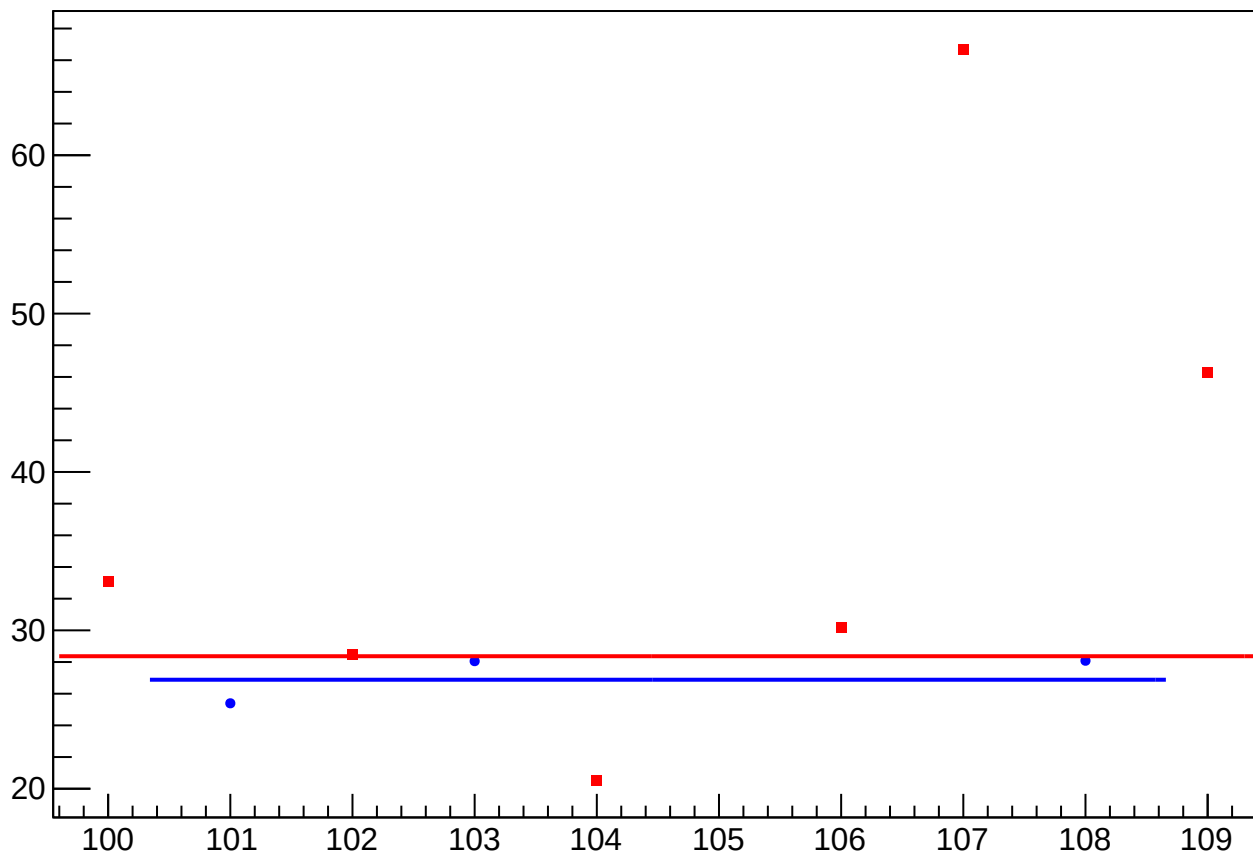
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.015 χ^2 /NDF: 3.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 26.882 $\pm$ 0.016 χ^2 /NDF: 7244.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.366 $\pm$ 0.015 χ^2 /NDF: 421841.5/5

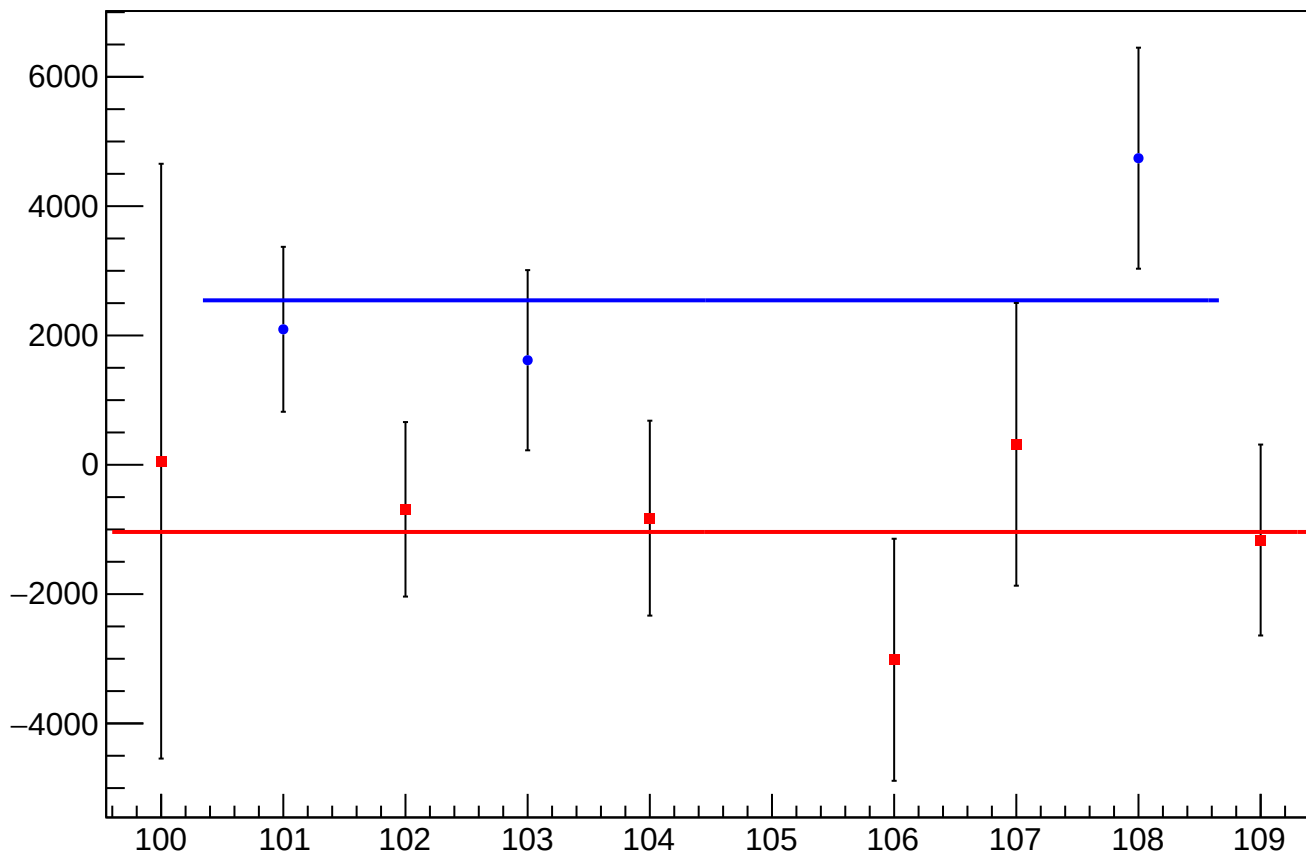
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.674 $\pm$ 0.011 χ^2 /NDF: 433922.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2543.531 $\pm$ 824.257 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1038.804 $\pm$ 708.915 χ^2 /NDF: 1.7/5

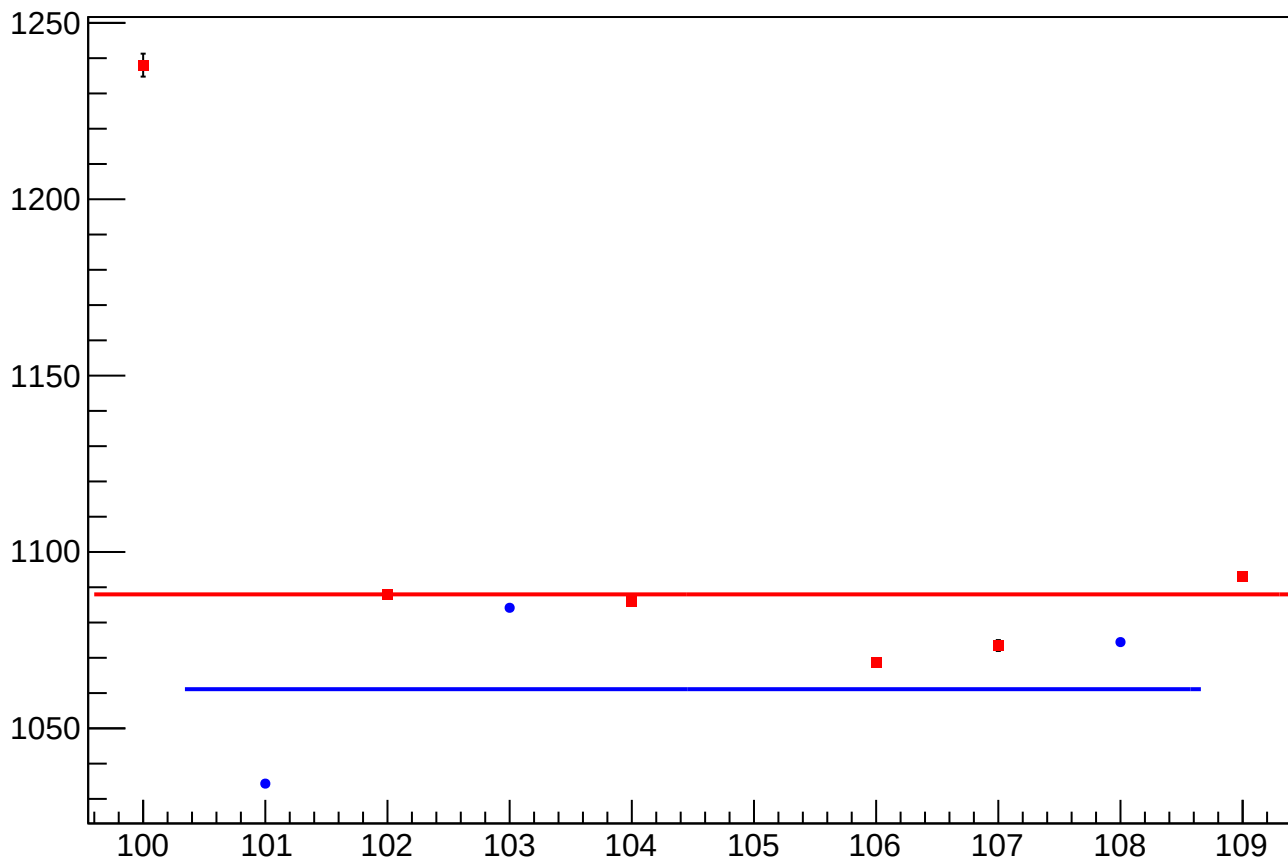
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 484.377 $\pm$ 537.471 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_rms vs Slug



Right In: 1061.104 $\pm$ 0.583 χ^2 /NDF: 1551.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1087.984 $\pm$ 0.501 χ^2 /NDF: 2458.8/5

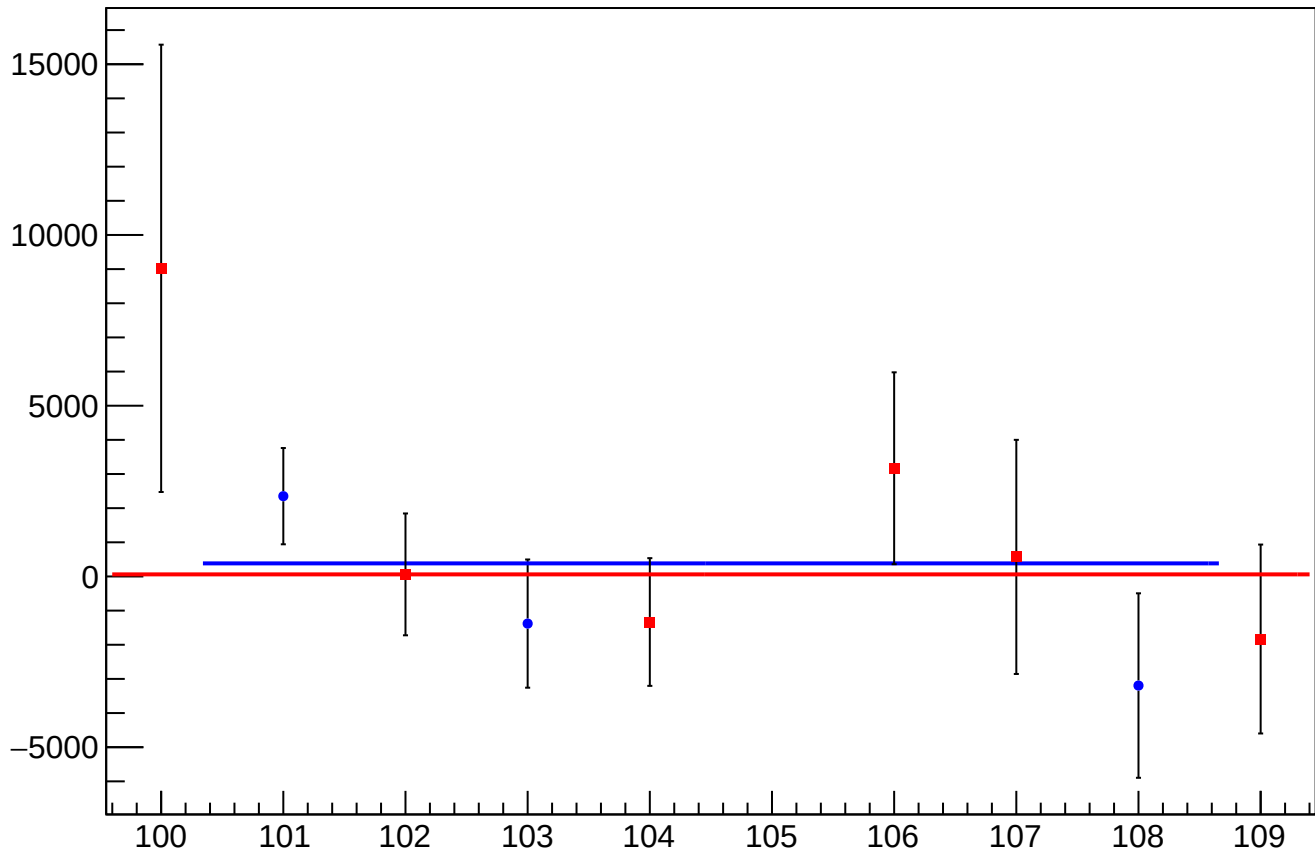
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1076.555 $\pm$ 0.380 χ^2 /NDF: 5232.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_reg_correction_mean vs Slug



Right In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.931+/-1017.427 χ^2/NDF : 4.1/5

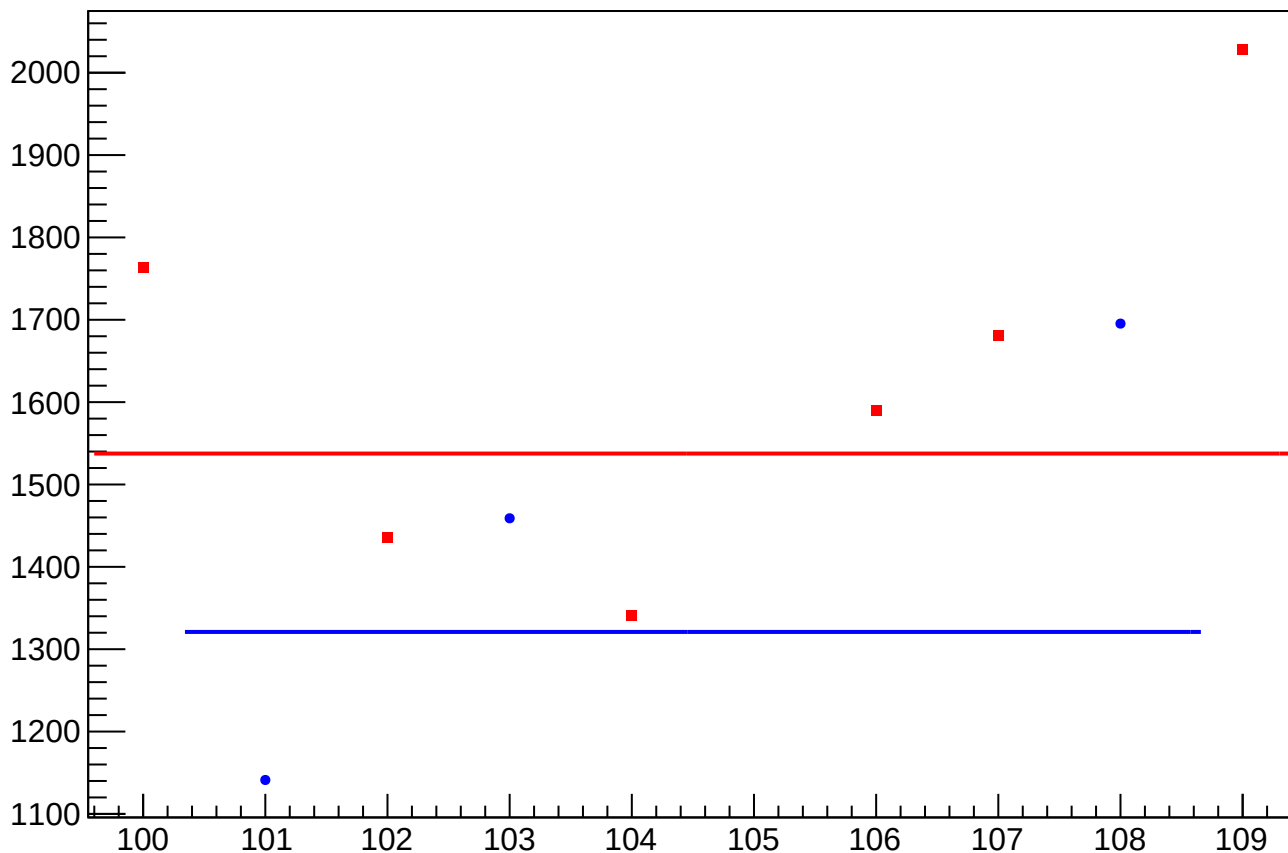
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.367+/-727.378 χ^2/NDF : 8.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_rms vs Slug



Right In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.573+/-0.719 χ^2/NDF : 98066.7/5

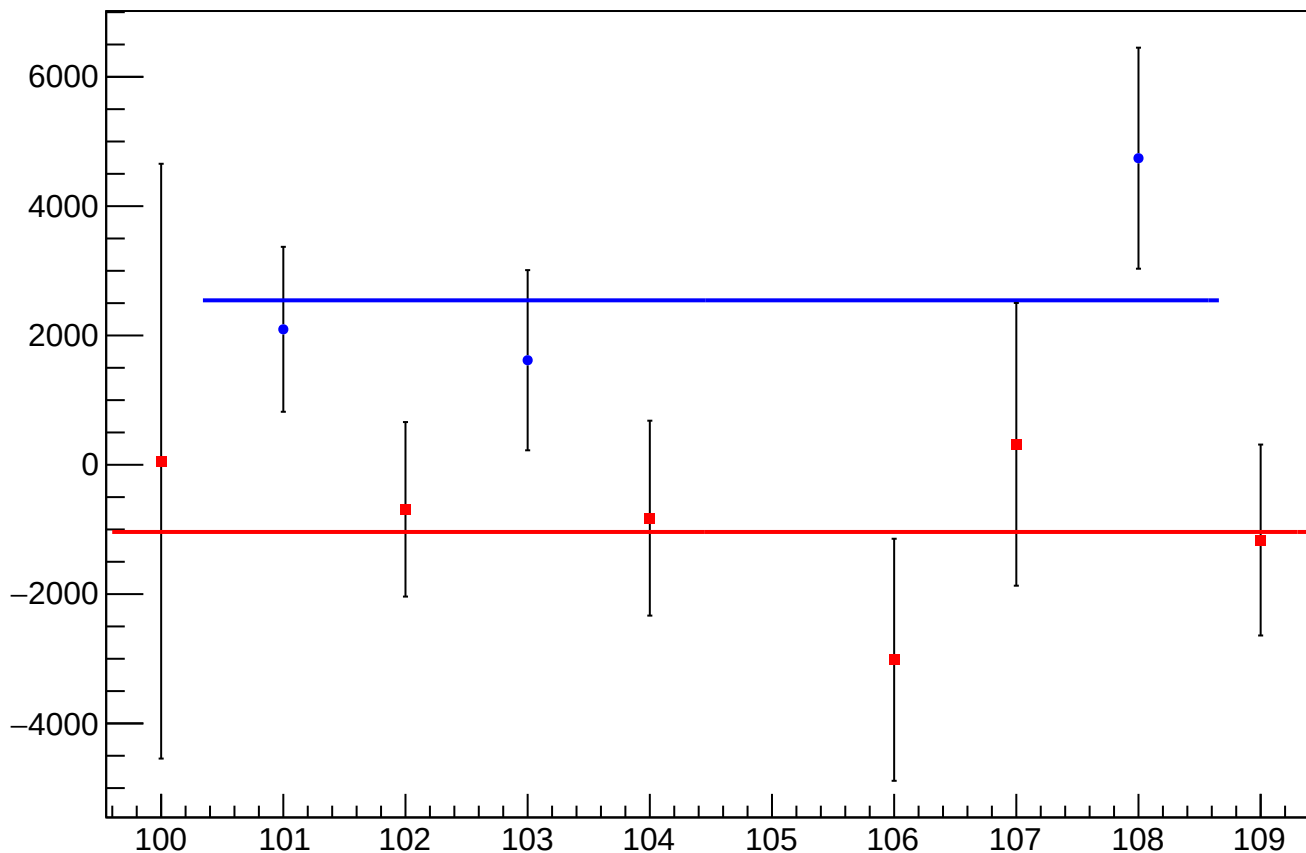
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1431.679+/-0.514 χ^2/NDF : 224133.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_mean vs Slug



Right In: 2543.531 $\pm$ 824.257 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1038.804 $\pm$ 708.915 χ^2 /NDF: 1.7/5

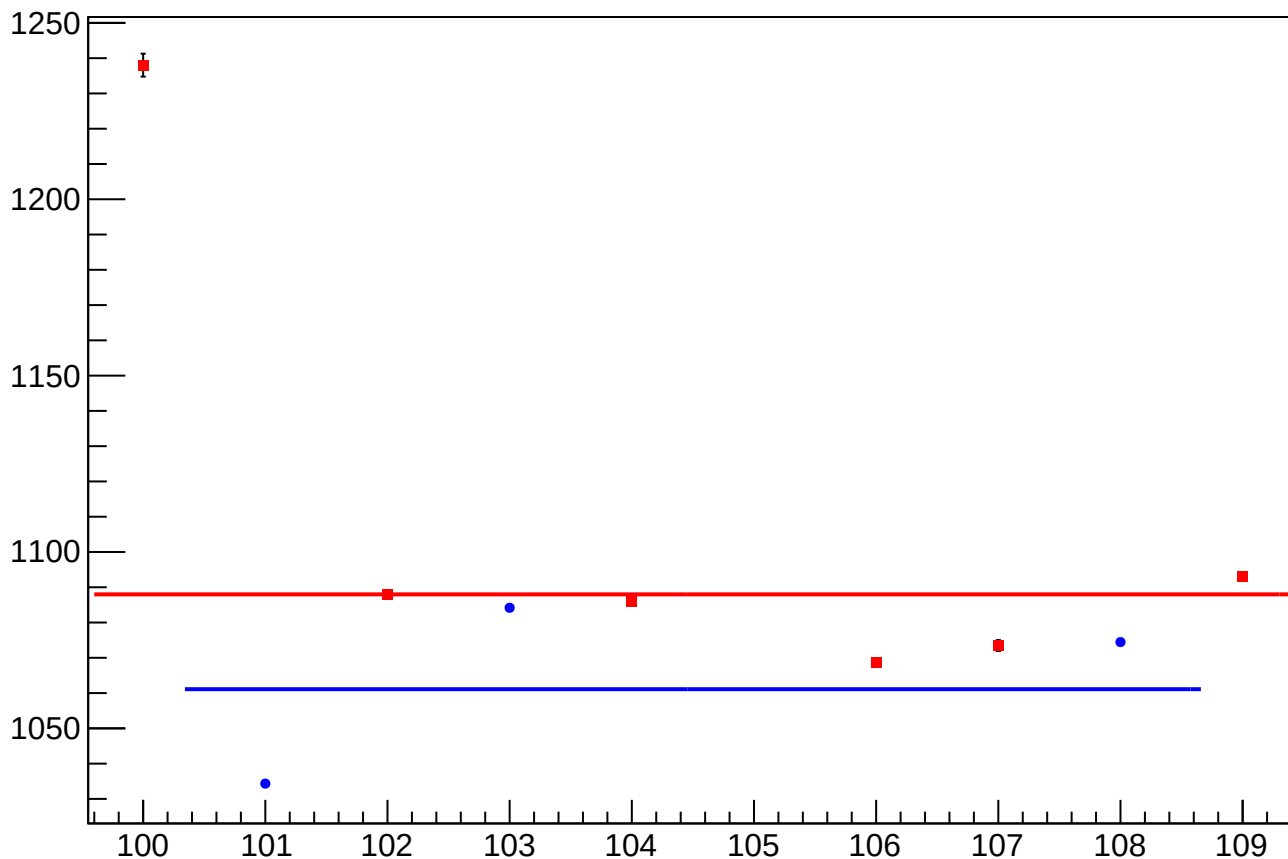
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 484.377 $\pm$ 537.471 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_rms vs Slug



Right In: 1061.104 $\pm$ 0.583 χ^2 /NDF: 1551.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1087.984 $\pm$ 0.501 χ^2 /NDF: 2458.8/5

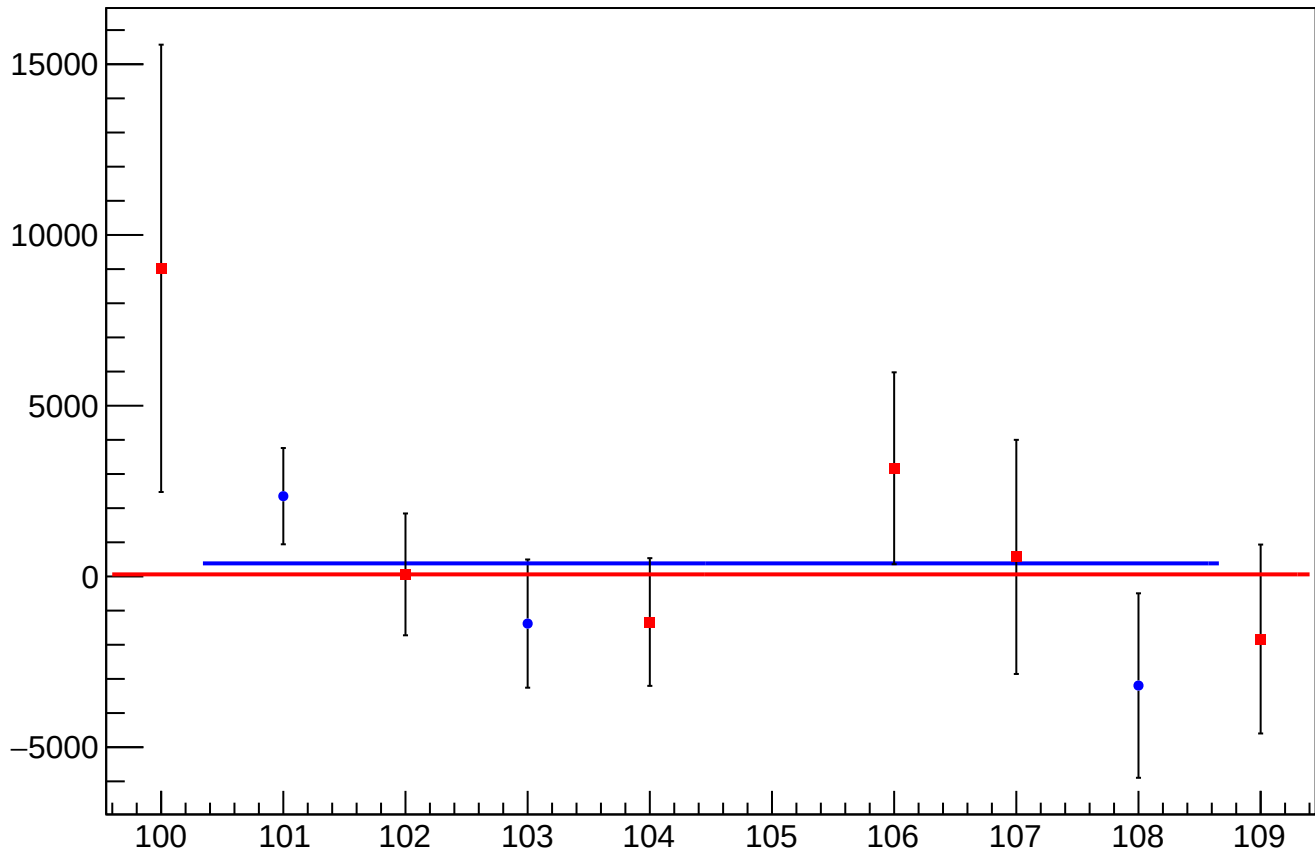
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1076.555 $\pm$ 0.380 χ^2 /NDF: 5232.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_cor_correction_mean vs Slug



Right In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.931+/-1017.427 χ^2/NDF : 4.1/5

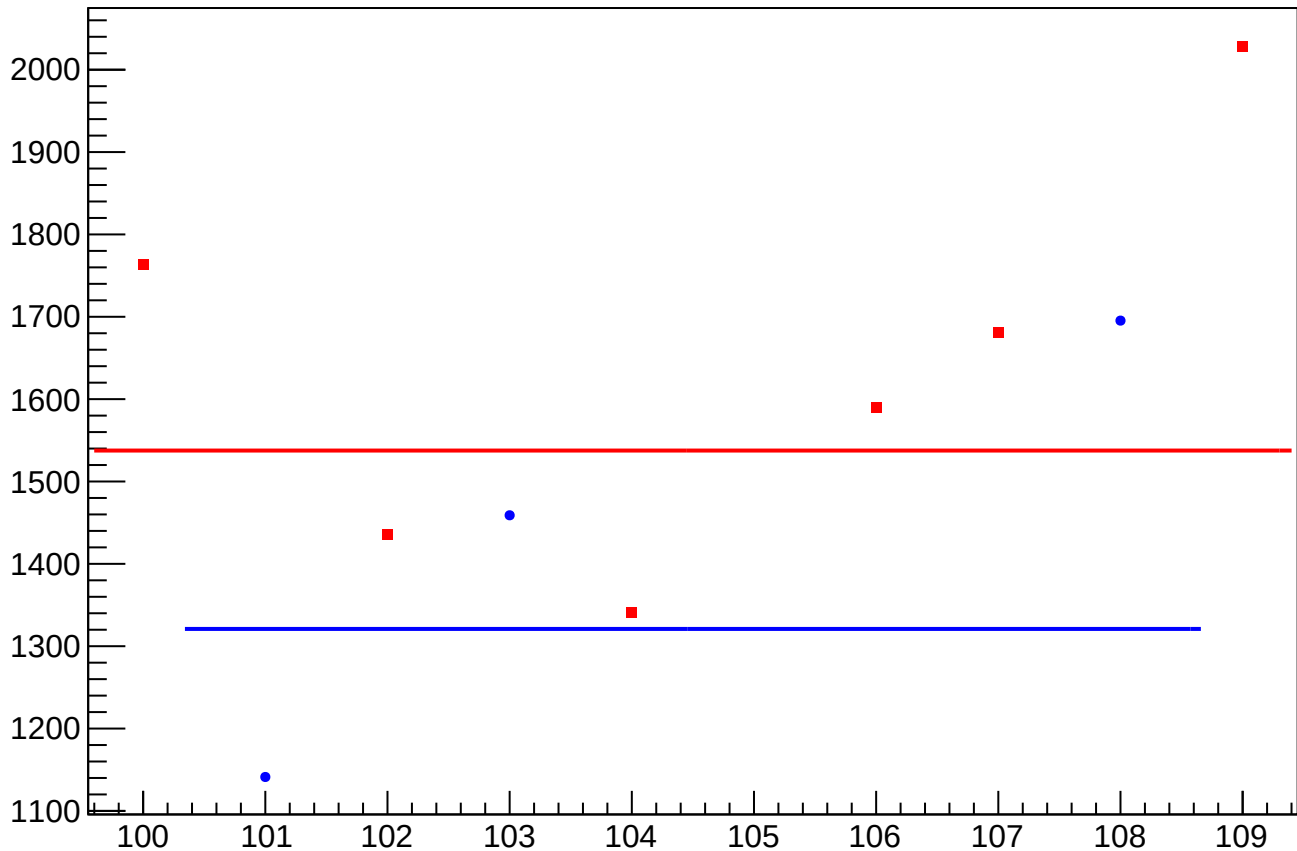
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.367+/-727.378 χ^2/NDF : 8.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_cor_correction_rms vs Slug



Right In: 1320.973+/-0.736 χ^2/NDF : 81751.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.573+/-0.719 χ^2/NDF : 98066.7/5

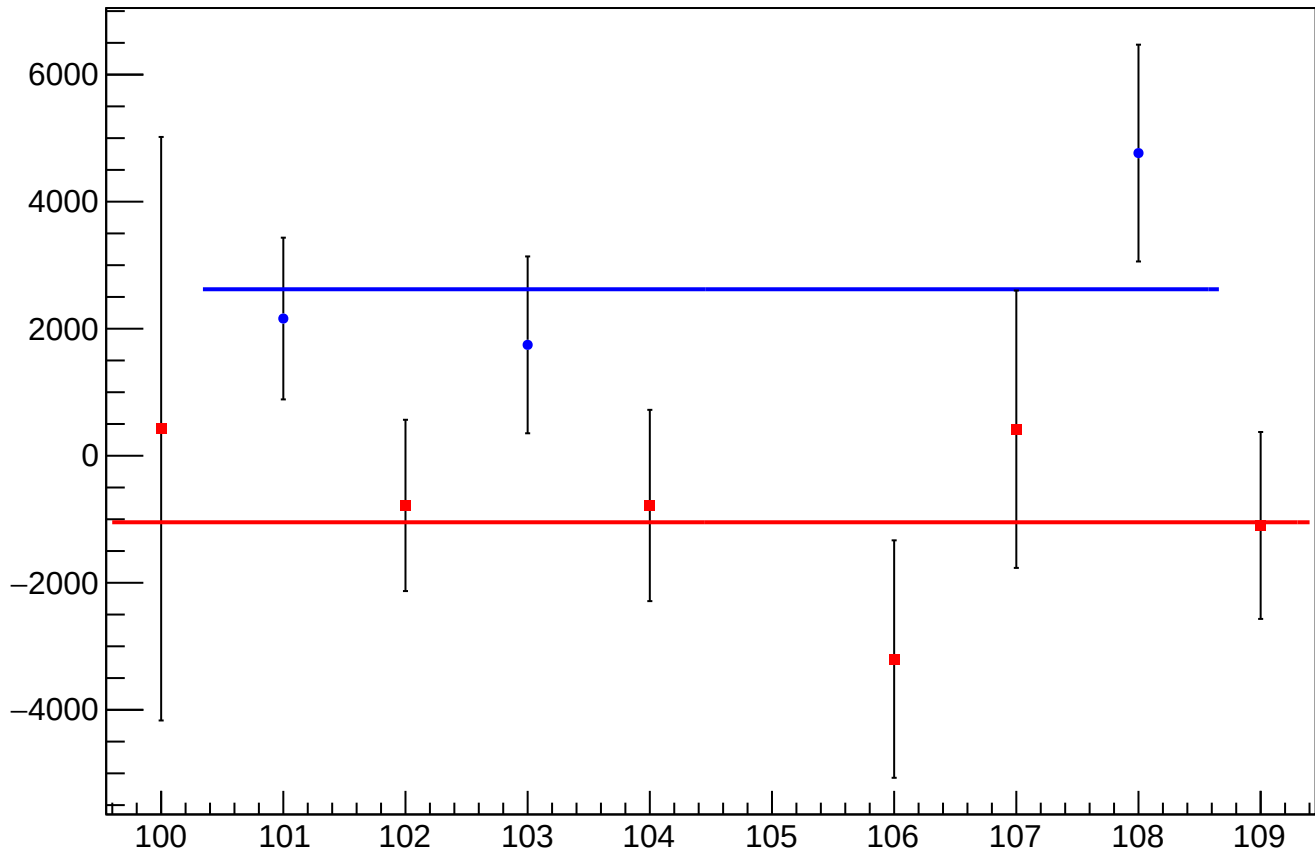
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1431.679+/-0.514 χ^2/NDF : 224133.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usr_mean vs Slug



Right In: 2620.956 $\pm$ 822.982 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1047.255 $\pm$ 707.723 χ^2 /NDF: 2.0/5

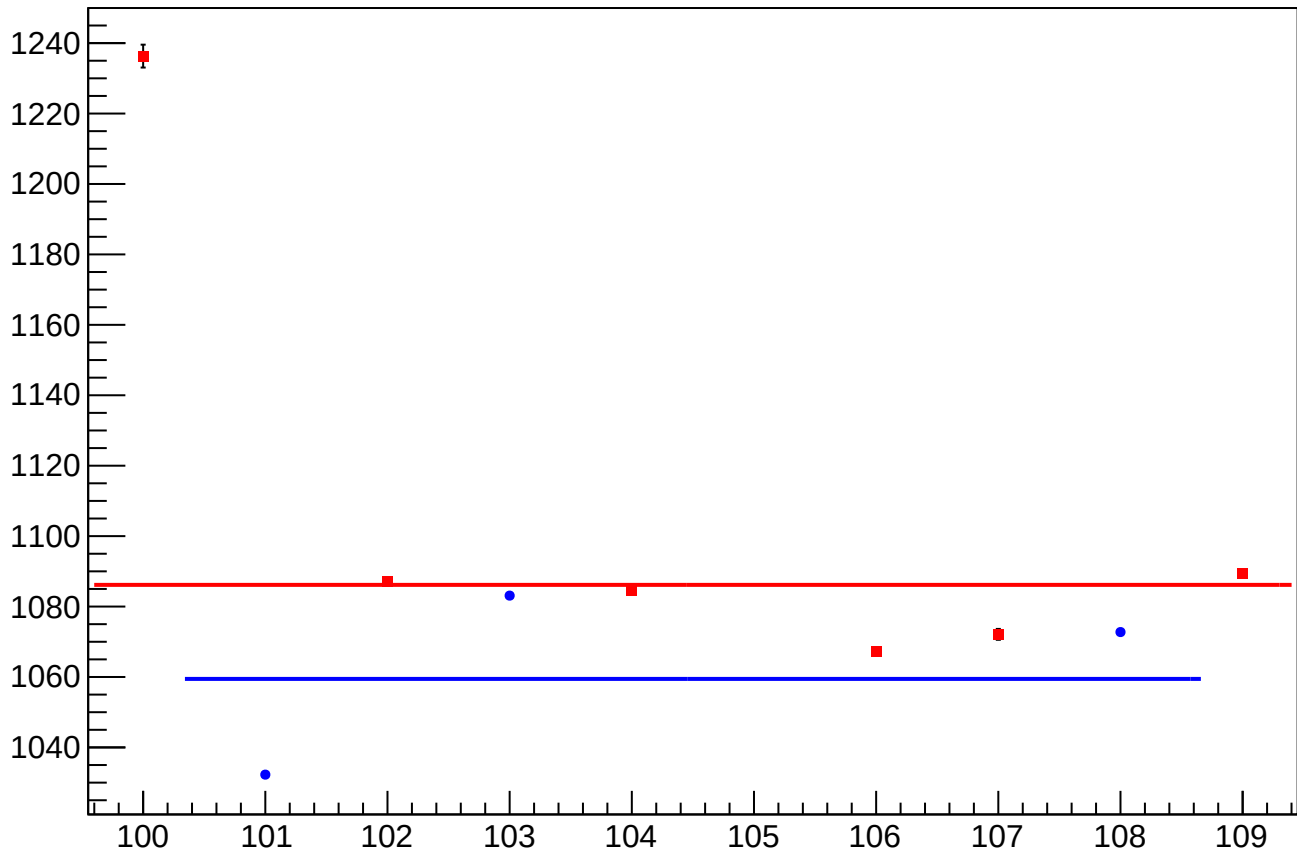
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 512.198 $\pm$ 536.599 χ^2 /NDF: 15.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

overload_cor_asym_usr_rms vs Slug



Right In: 1059.454+/-0.582 χ^2/NDF : 1610.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1086.158+/-0.500 χ^2/NDF : 2439.4/5

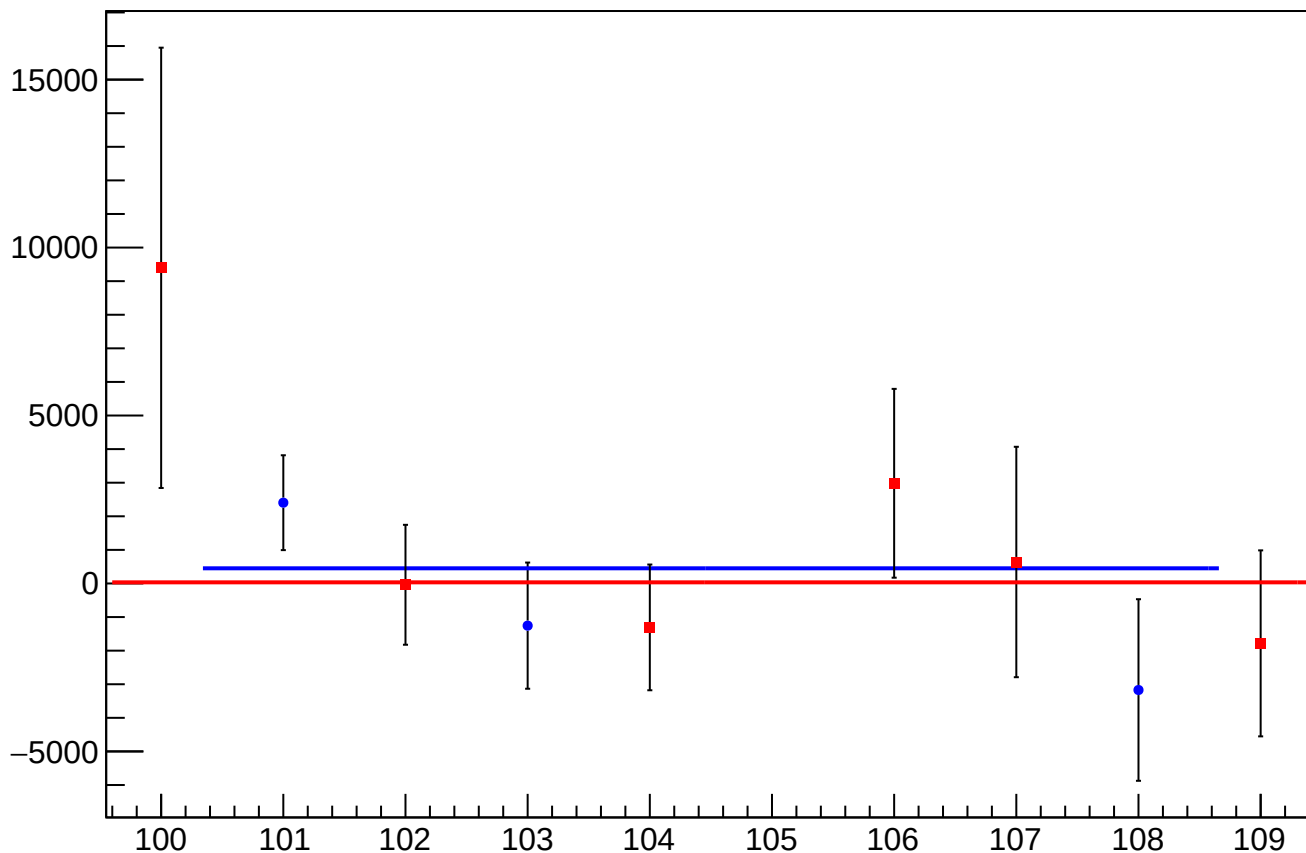
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1074.806+/-0.379 χ^2/NDF : 5260.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_mean vs Slug



Right In: 451.508 $\pm$ 1041.499 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.600 $\pm$ 1018.119 χ^2 /NDF: 4.1/5

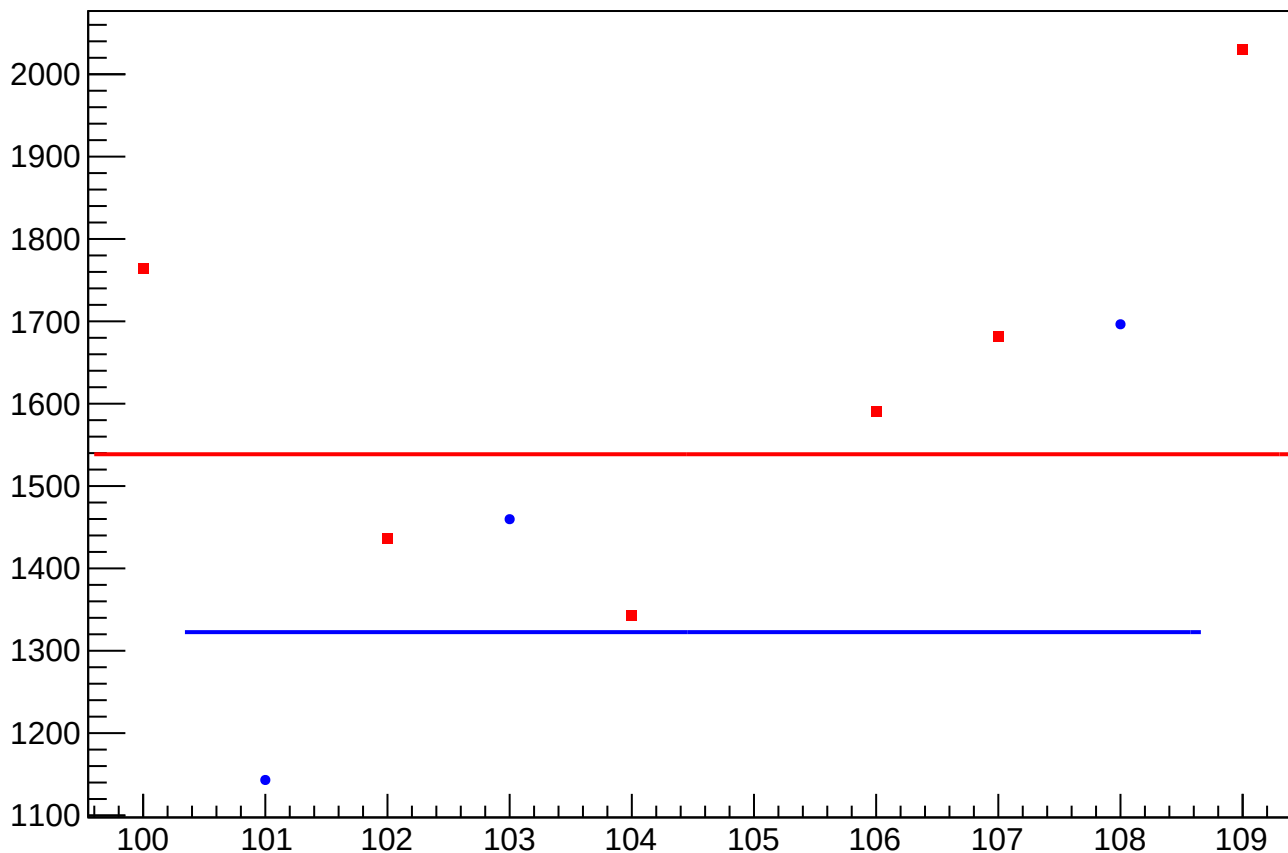
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.810 $\pm$ 728.044 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1322.620+/-0.736 χ^2/NDF : 81242.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1538.617+/-0.720 χ^2/NDF : 98127.3/5

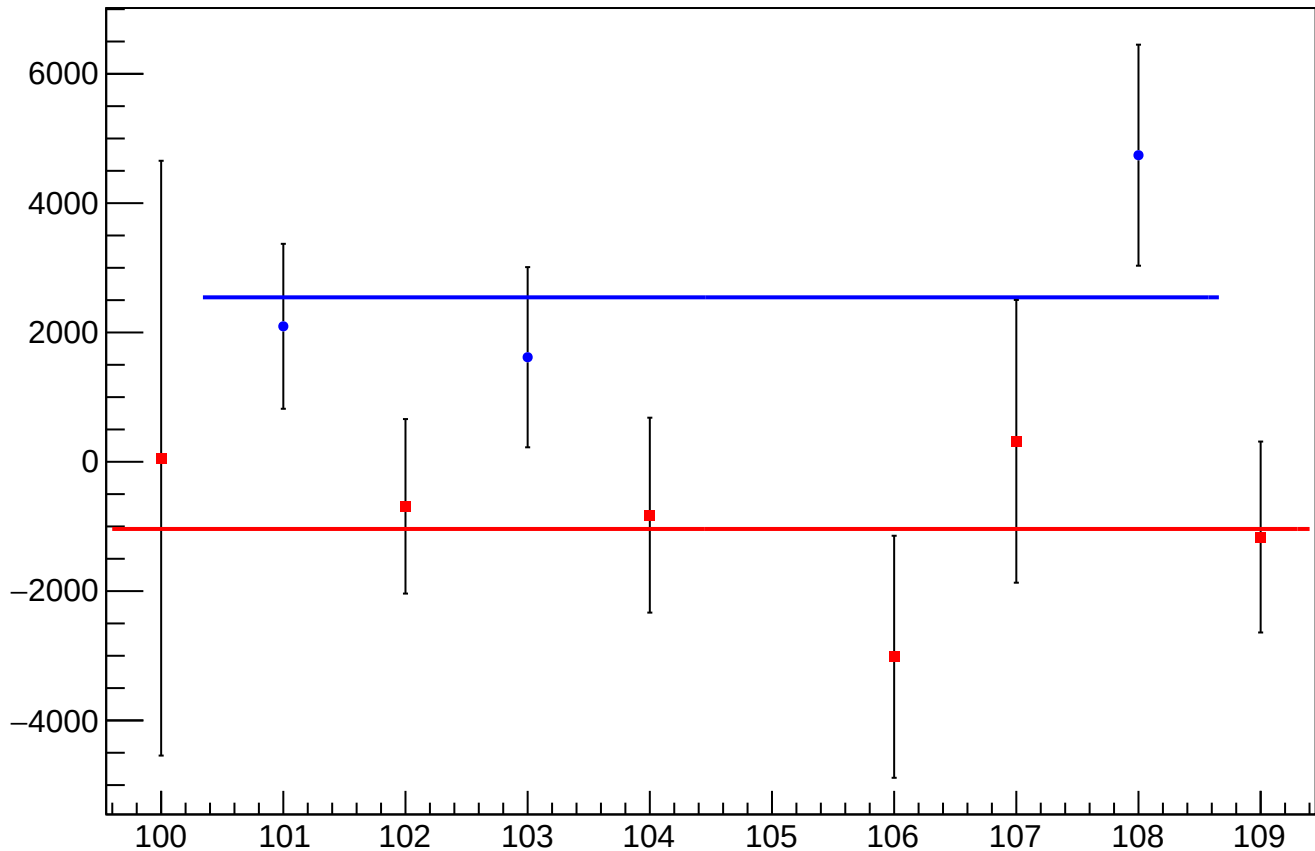
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1433.070+/-0.515 χ^2/NDF : 223356.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_mean vs Slug



Right In: 2543.531 $\pm$ 824.257 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1038.804 $\pm$ 708.915 χ^2 /NDF: 1.7/5

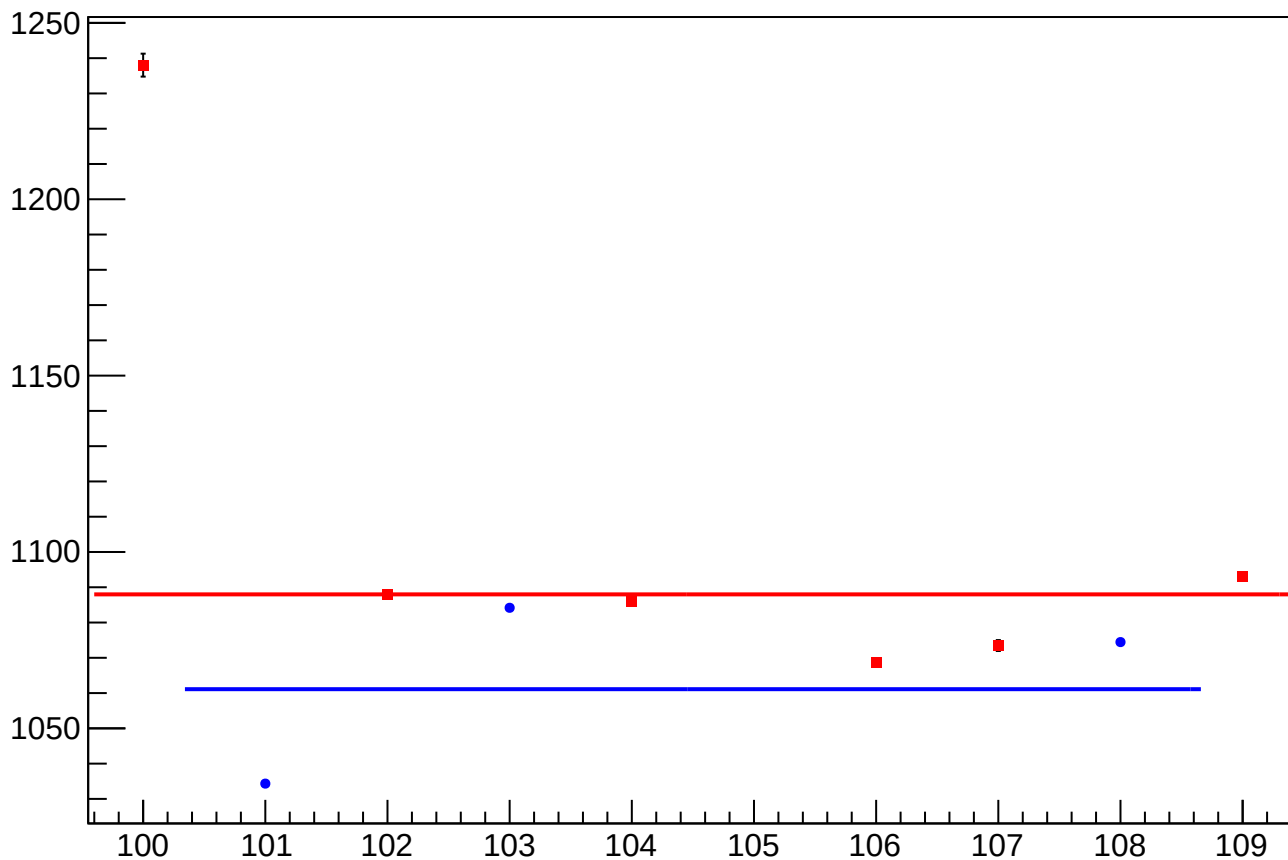
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 484.377 $\pm$ 537.471 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_rms vs Slug



Right In: 1061.104 $\pm$ 0.583 χ^2 /NDF: 1551.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1087.984 $\pm$ 0.501 χ^2 /NDF: 2458.8/5

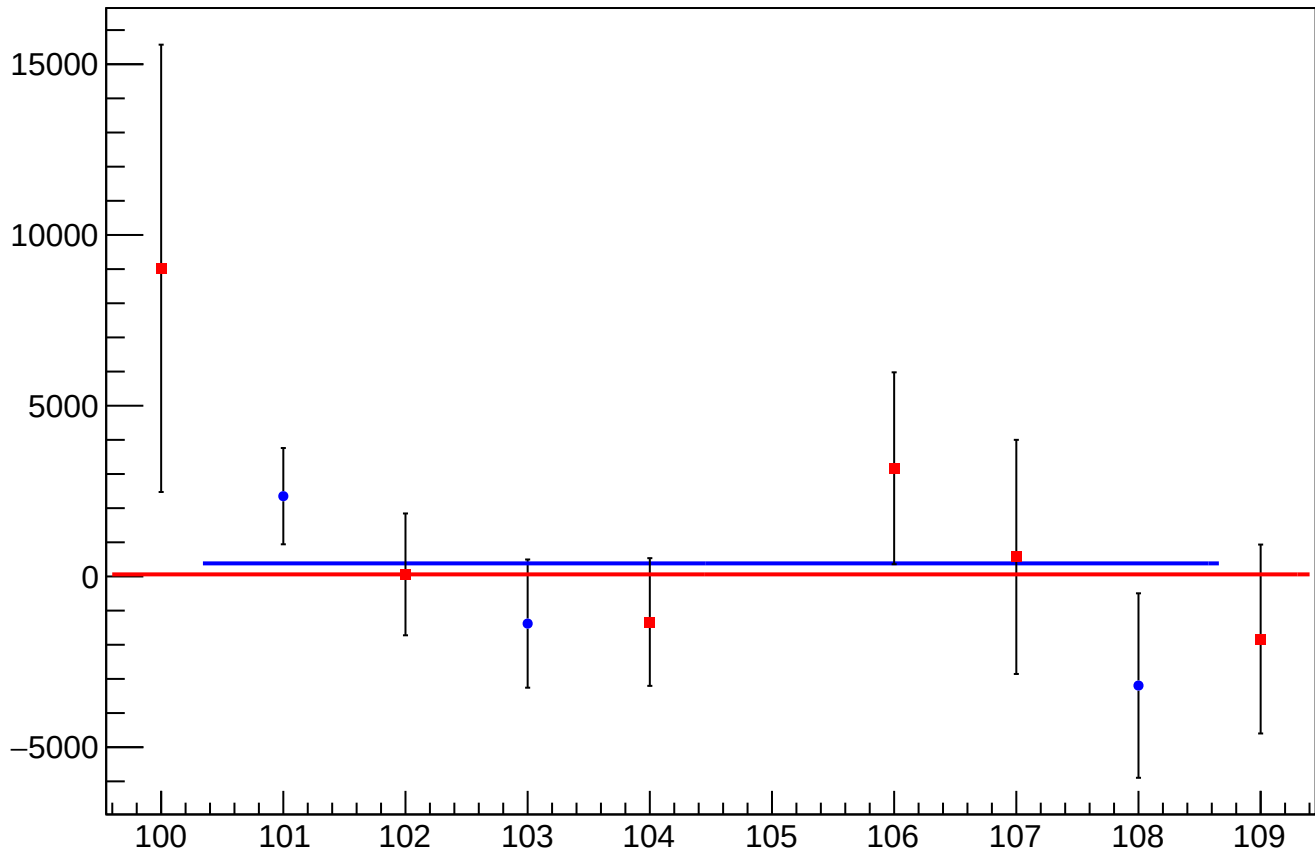
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1076.555 $\pm$ 0.380 χ^2 /NDF: 5232.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_cor_correction_mean vs Slug



Right In: 382.957+/-1040.289 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.931+/-1017.427 χ^2/NDF : 4.1/5

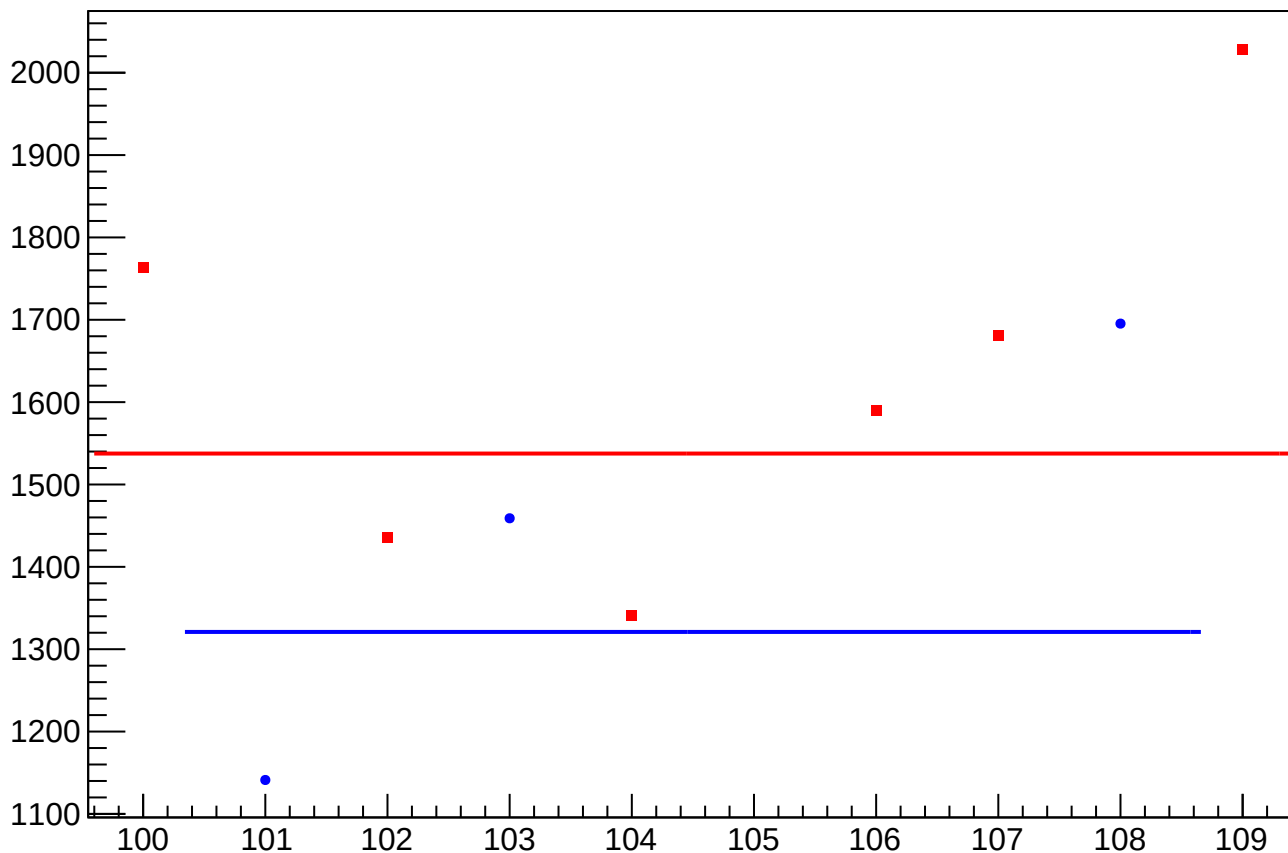
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.367+/-727.378 χ^2/NDF : 8.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_correction_rms vs Slug



Right In: 1320.973 $\pm$ 0.736 χ^2 /NDF: 81751.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1537.573 $\pm$ 0.719 χ^2 /NDF: 98066.7/5

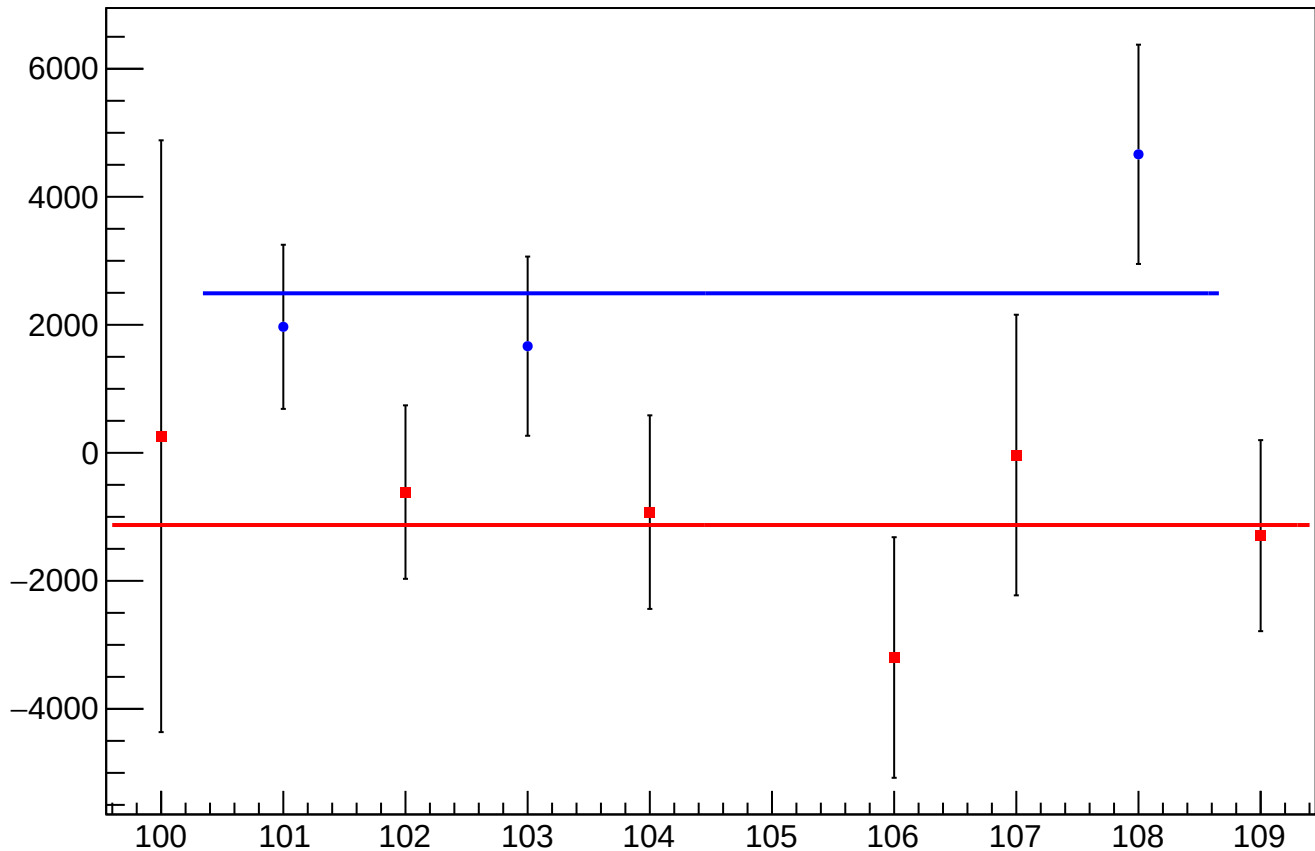
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1431.679 $\pm$ 0.514 χ^2 /NDF: 224133.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_mean vs Slug



Right In: 2492.307 $\pm$ 827.735 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1127.617 $\pm$ 712.646 χ^2 /NDF: 1.7/5

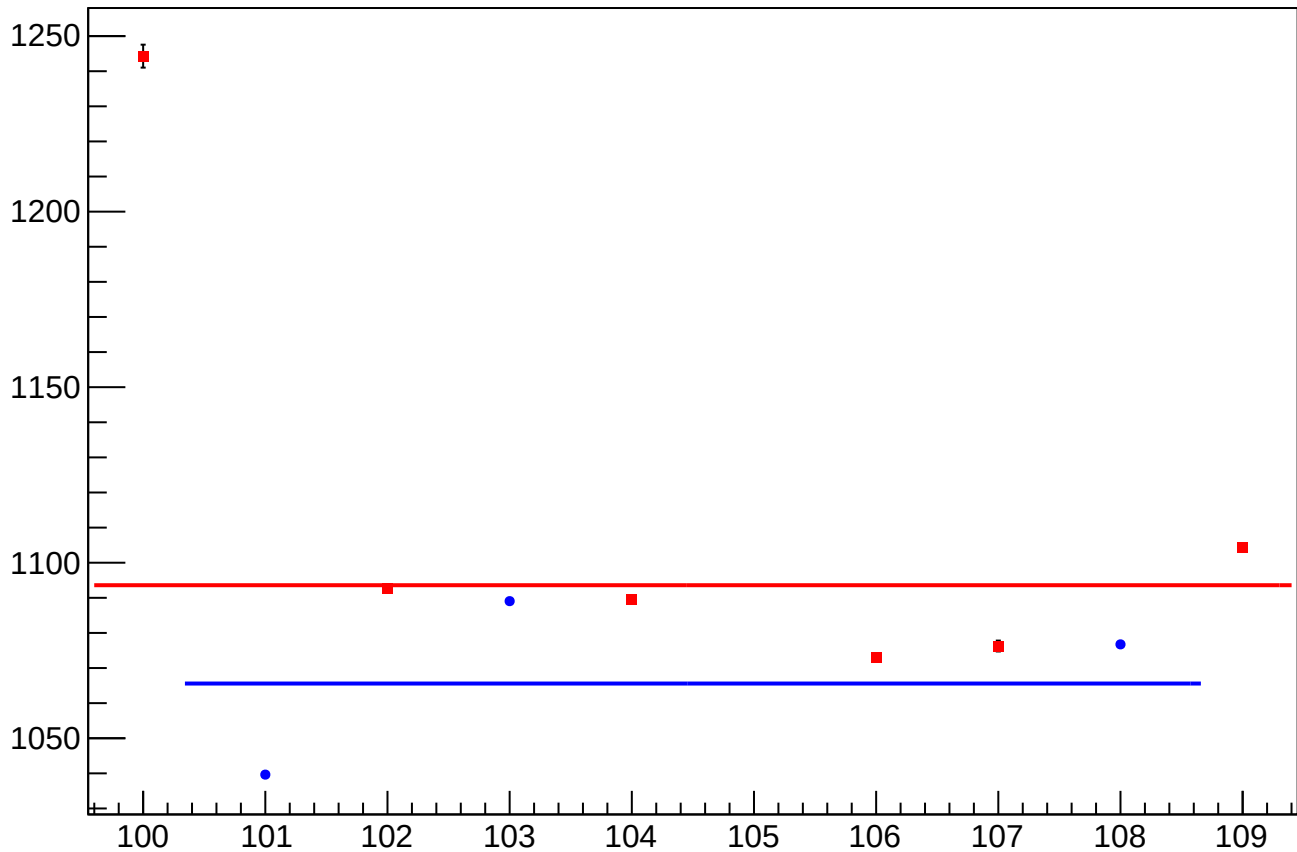
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 413.385 $\pm$ 540.062 χ^2 /NDF: 14.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_rms vs Slug



Right In: 1065.584 $\pm$ 0.585 χ^2 /NDF: 1466.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1093.592 $\pm$ 0.504 χ^2 /NDF: 2611.3/5

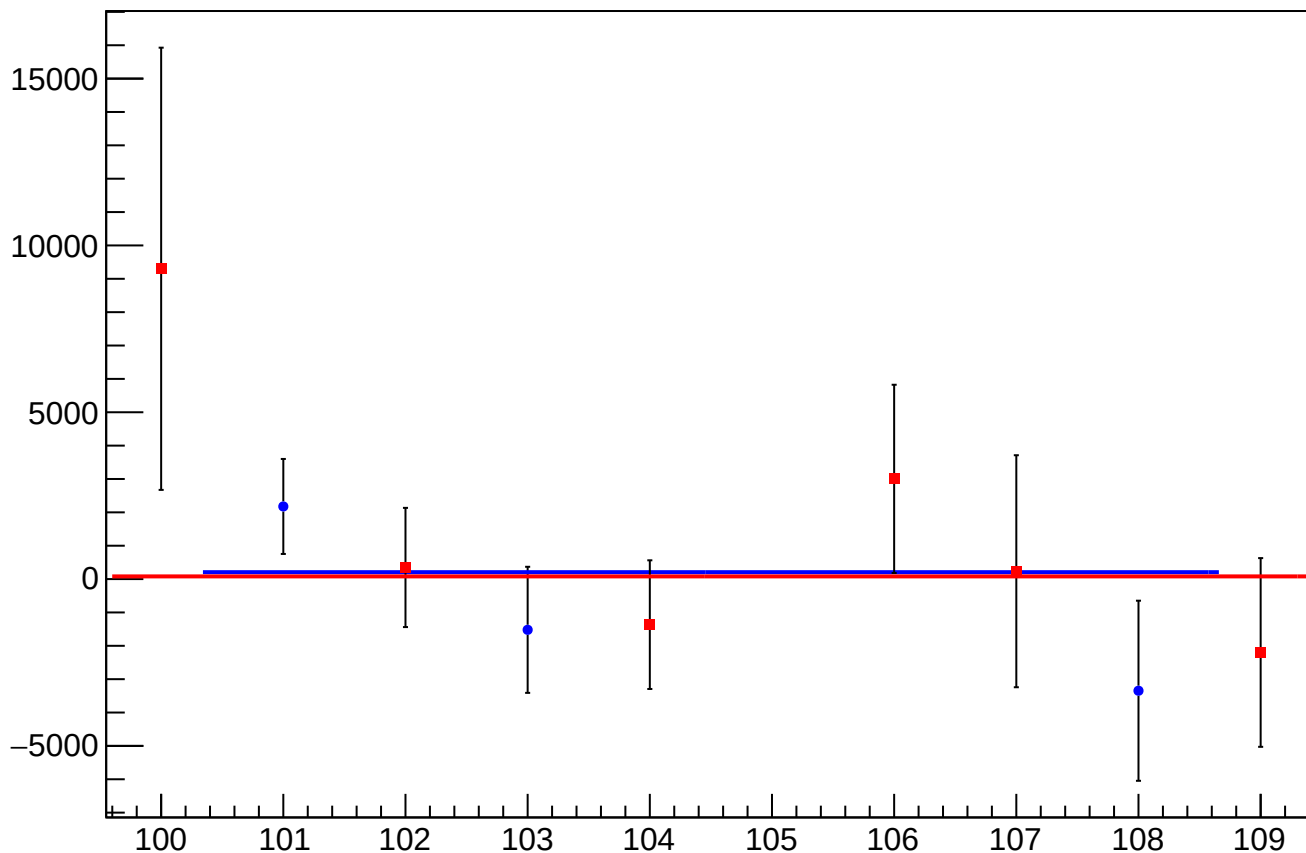
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1081.669 $\pm$ 0.382 χ^2 /NDF: 5392.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_dit_correction_mean vs Slug



Right In: 206.816 $\pm$ 1047.850 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.297 $\pm$ 1032.286 χ^2 /NDF: 4.2/5

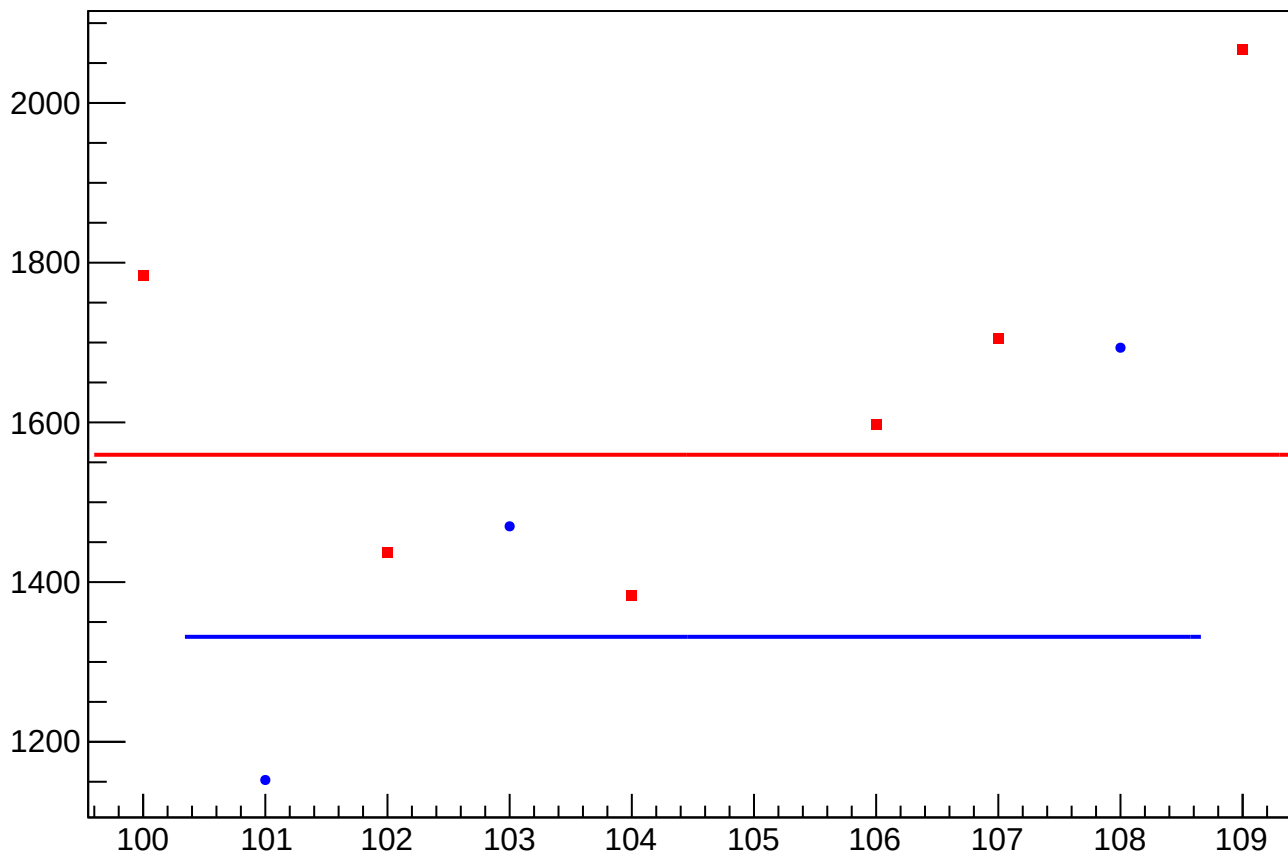
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.610 $\pm$ 735.377 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_dit_correction_rms vs Slug



Right In: 1331.490+/-0.741 χ^2/NDF : 78427.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1559.469+/-0.730 χ^2/NDF : 96551.5/5

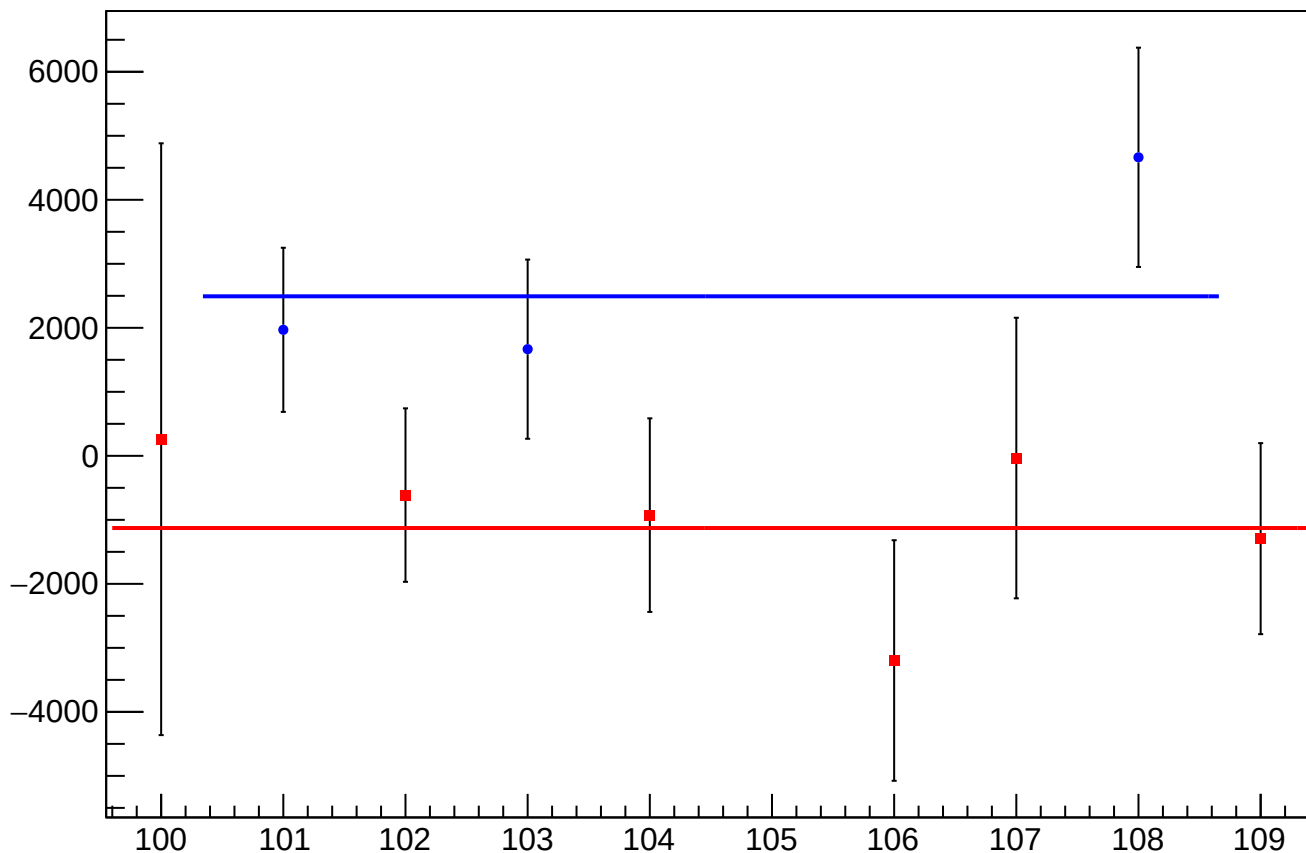
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1447.185+/-0.520 χ^2/NDF : 223023.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_mean vs Slug



Right In: 2492.305 $\pm$ 827.735 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1127.613 $\pm$ 712.646 χ^2 /NDF: 1.7/5

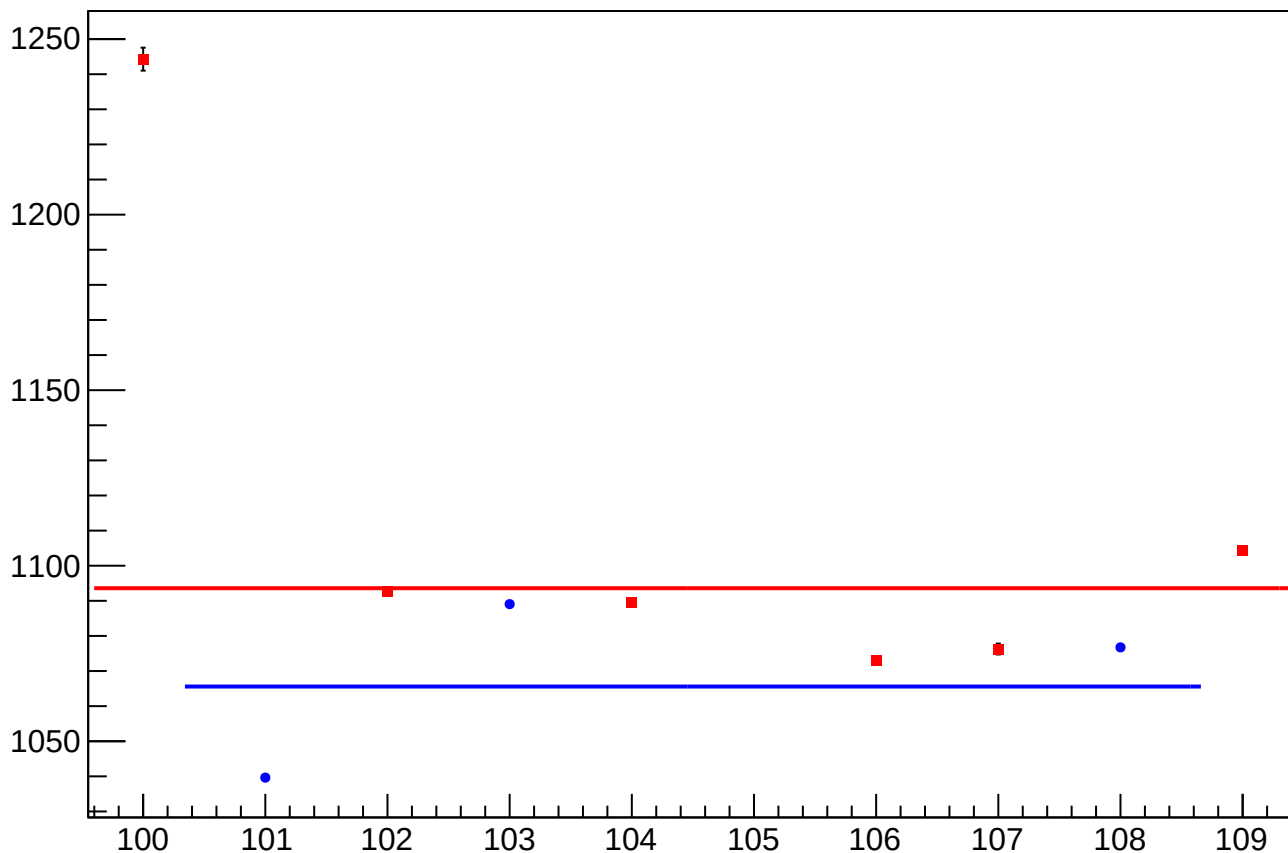
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 413.386 $\pm$ 540.062 χ^2 /NDF: 14.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_rms vs Slug



Right In: 1065.584 $\pm$ 0.585 χ^2 /NDF: 1466.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1093.592 $\pm$ 0.504 χ^2 /NDF: 2611.3/5

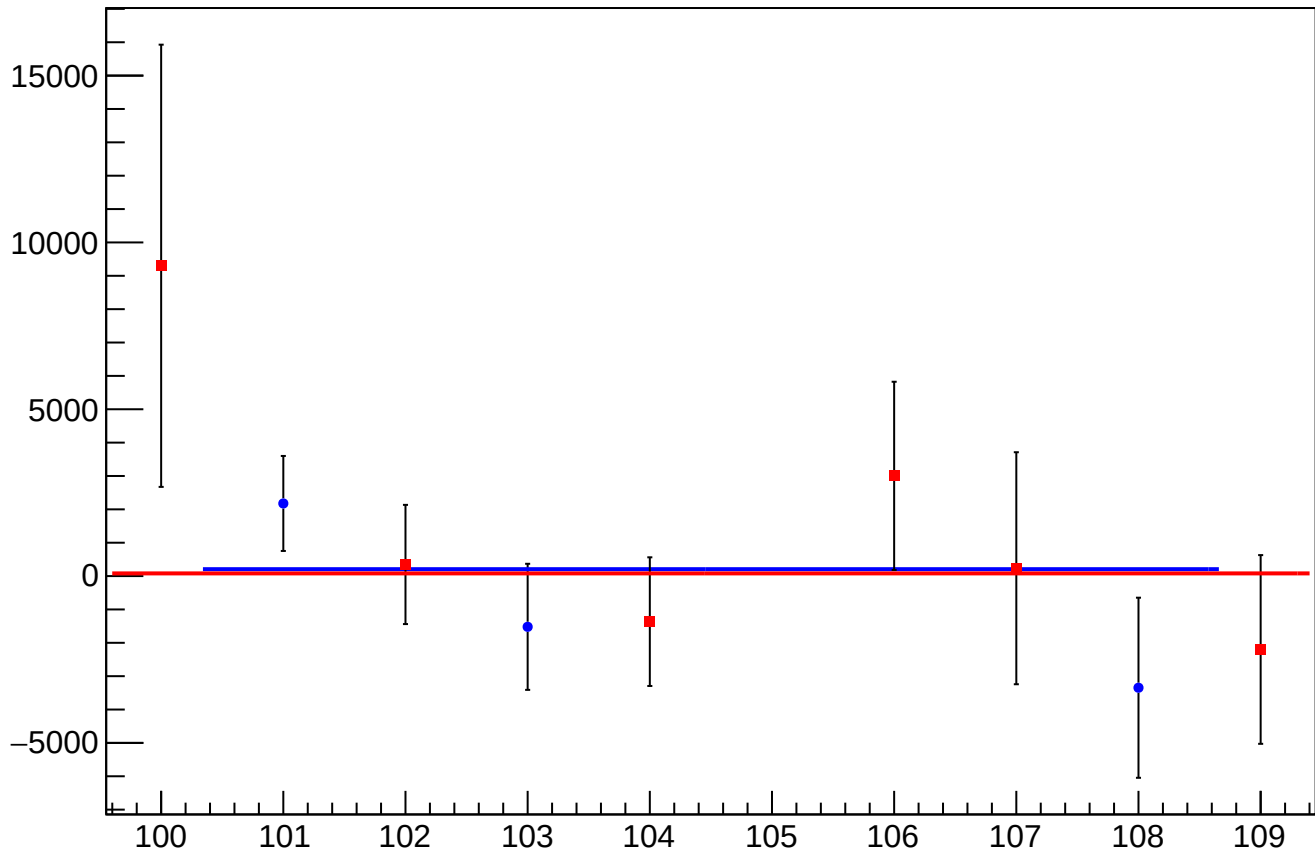
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1081.669 $\pm$ 0.382 χ^2 /NDF: 5392.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_correction_mean vs Slug



Right In: 206.816 $\pm$ 1047.851 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 80.304 $\pm$ 1032.287 χ^2 /NDF: 4.2/5

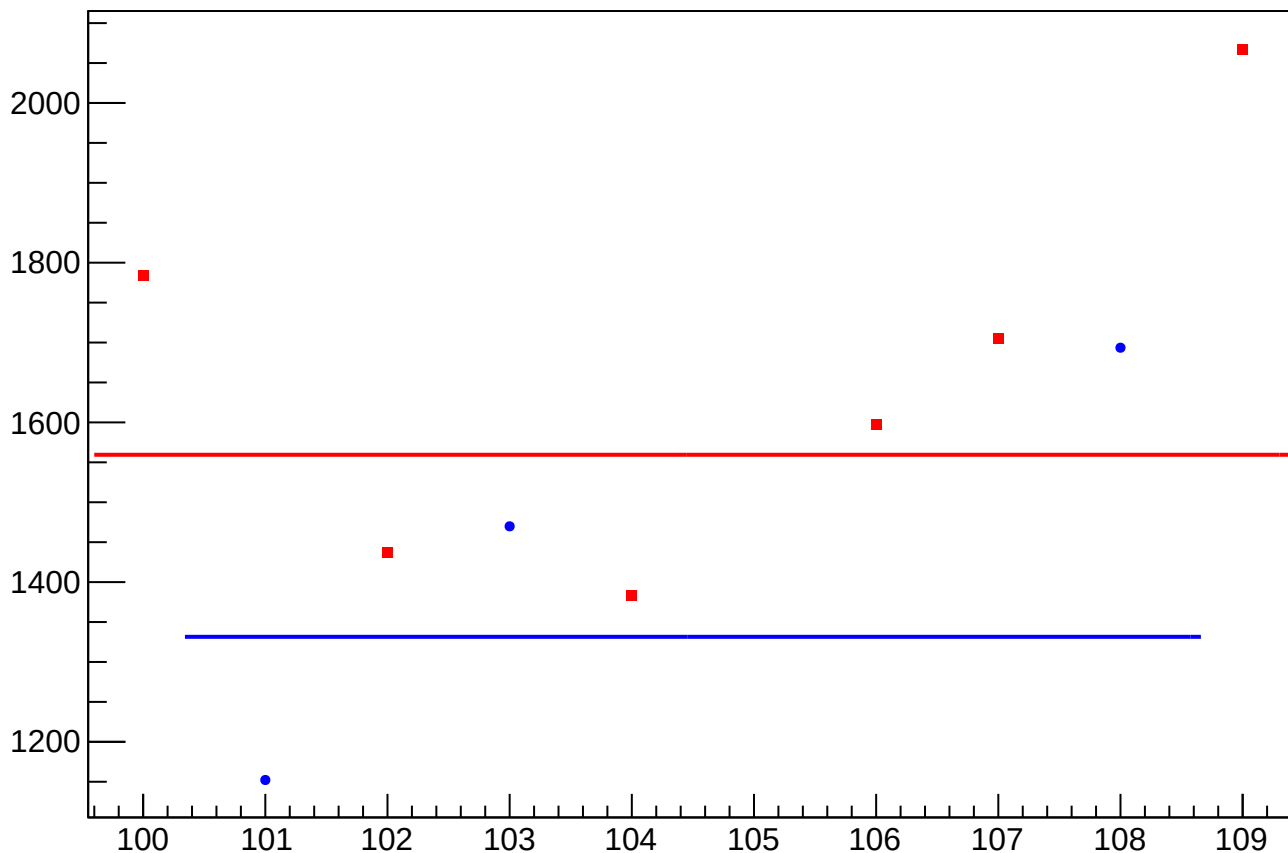
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.613 $\pm$ 735.378 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1331.491 $\pm$ 0.741 χ^2 /NDF: 78427.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1559.472 $\pm$ 0.730 χ^2 /NDF: 96549.3/5

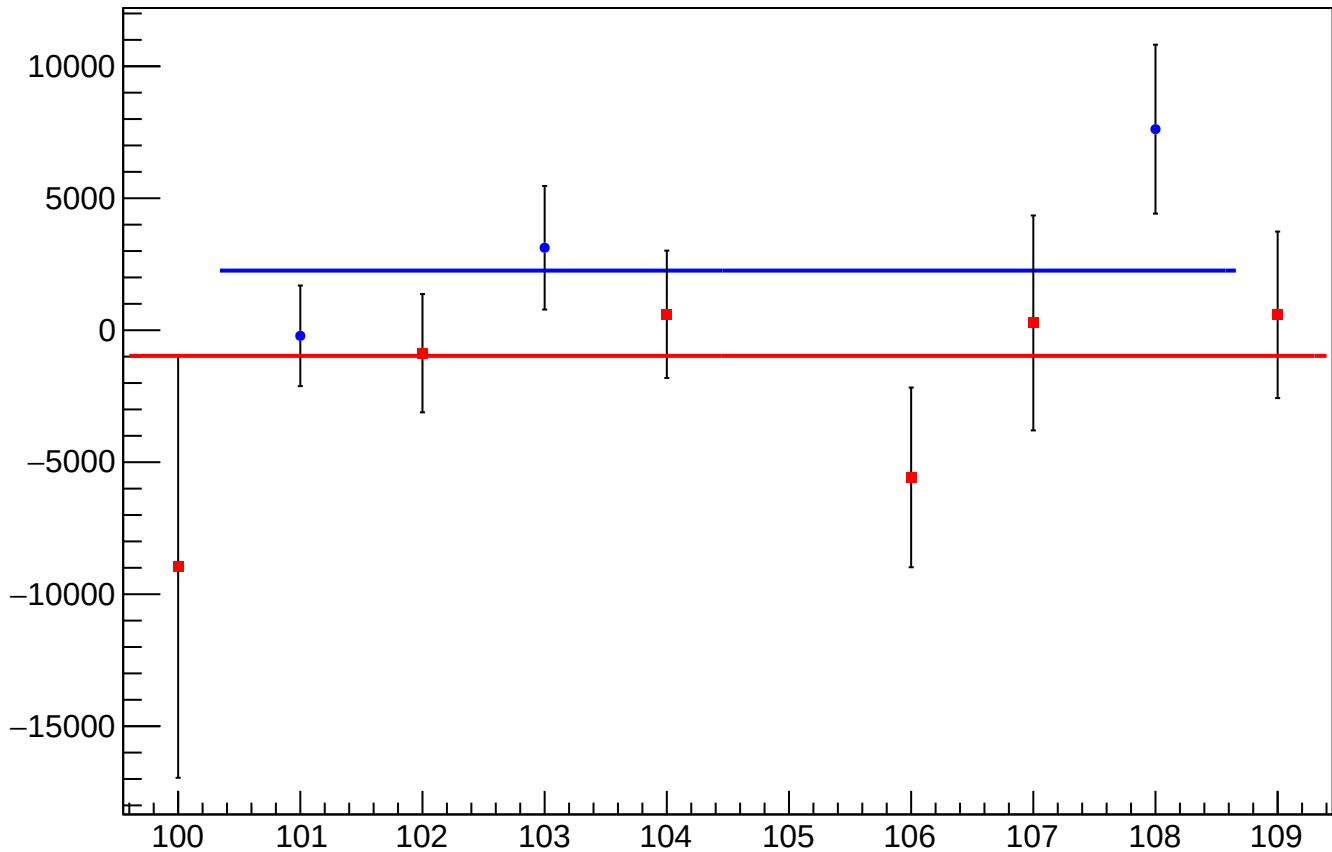
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1447.187 $\pm$ 0.520 χ^2 /NDF: 223022.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_mean vs Slug



Right In: 2259.614 $\pm$ 1341.480 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -970.831 $\pm$ 1256.150 χ^2 /NDF: 3.6/5

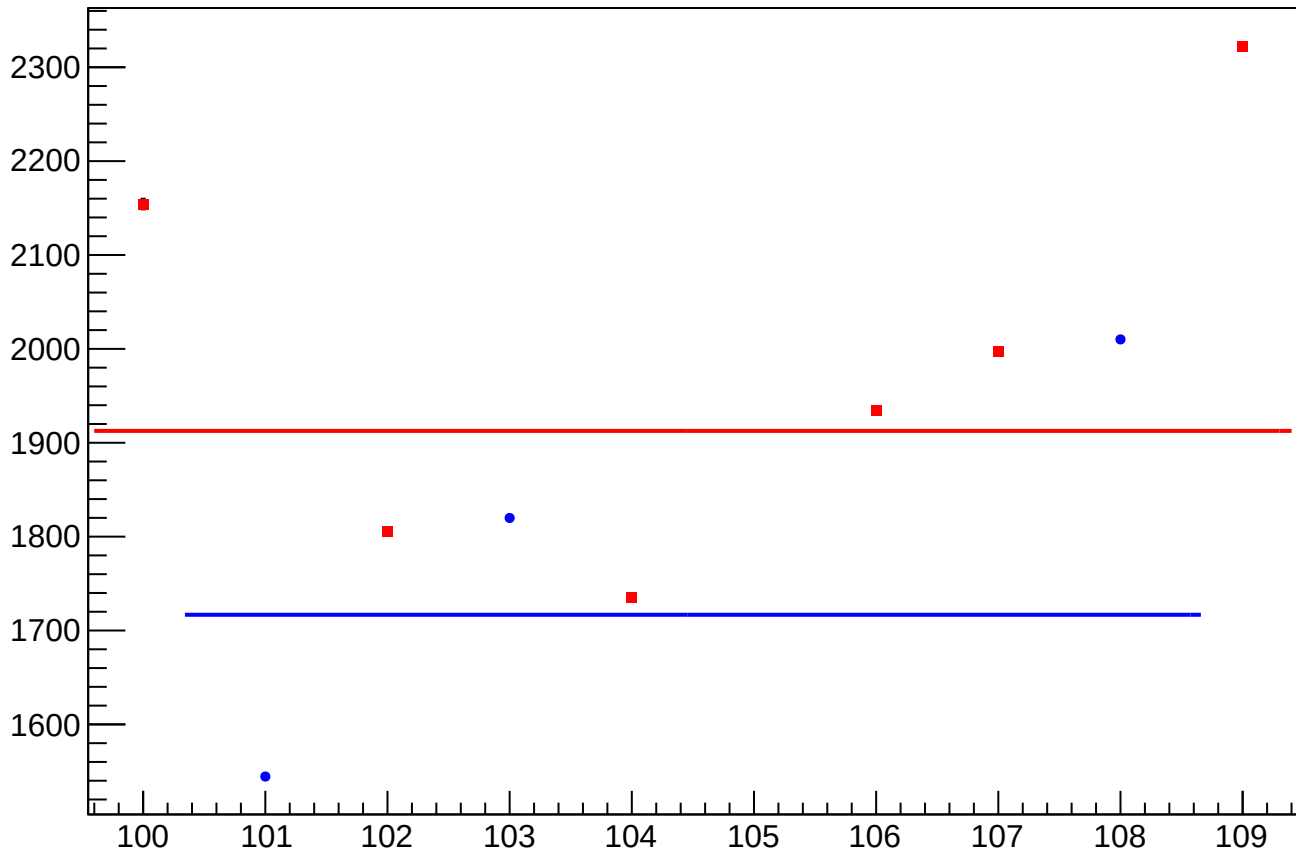
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 538.389 $\pm$ 916.915 χ^2 /NDF: 11.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_rms vs Slug



Right In: 1716.775 $\pm$ 0.949 χ^2 /NDF: 37040.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1912.645 $\pm$ 0.888 χ^2 /NDF: 51830.8/5

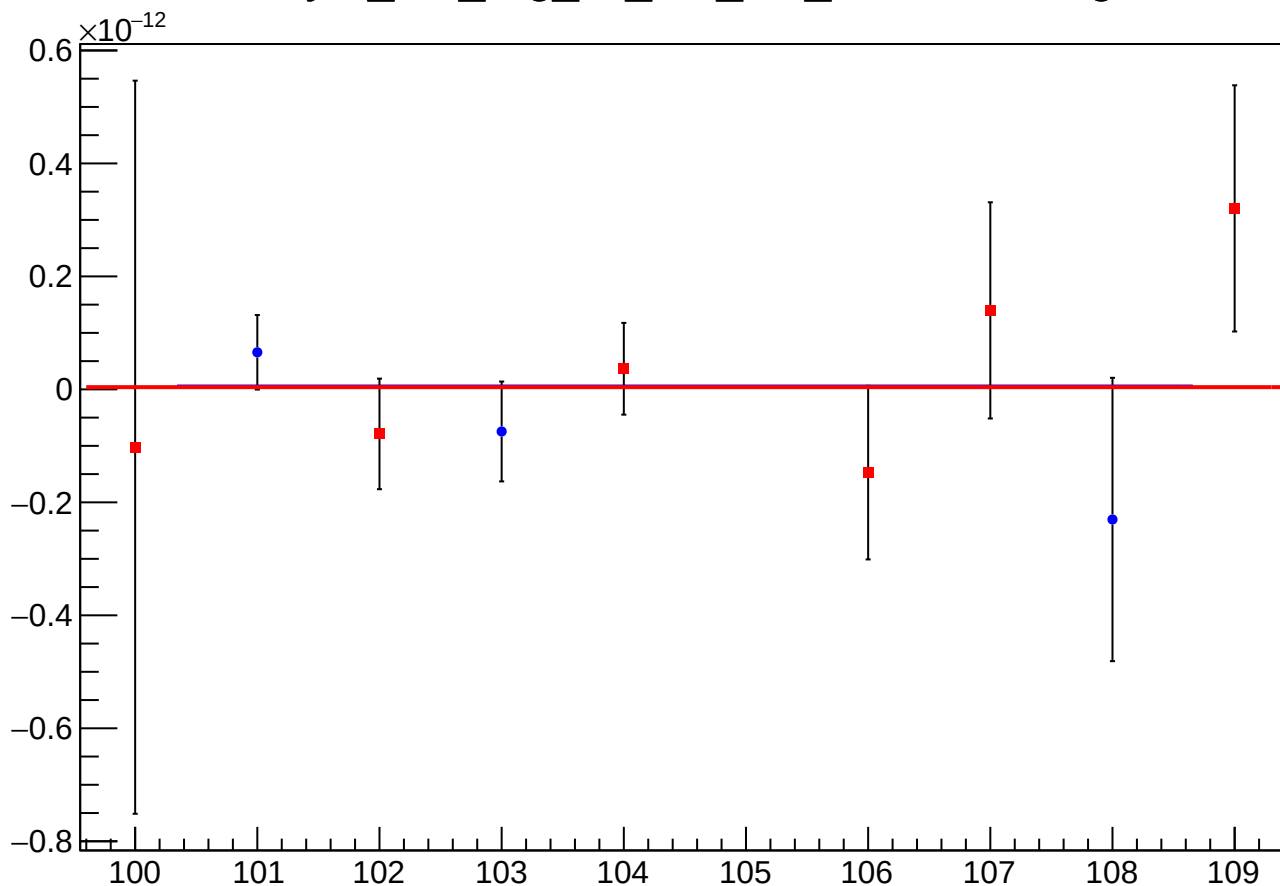
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1821.137 $\pm$ 0.648 χ^2 /NDF: 111590.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/5

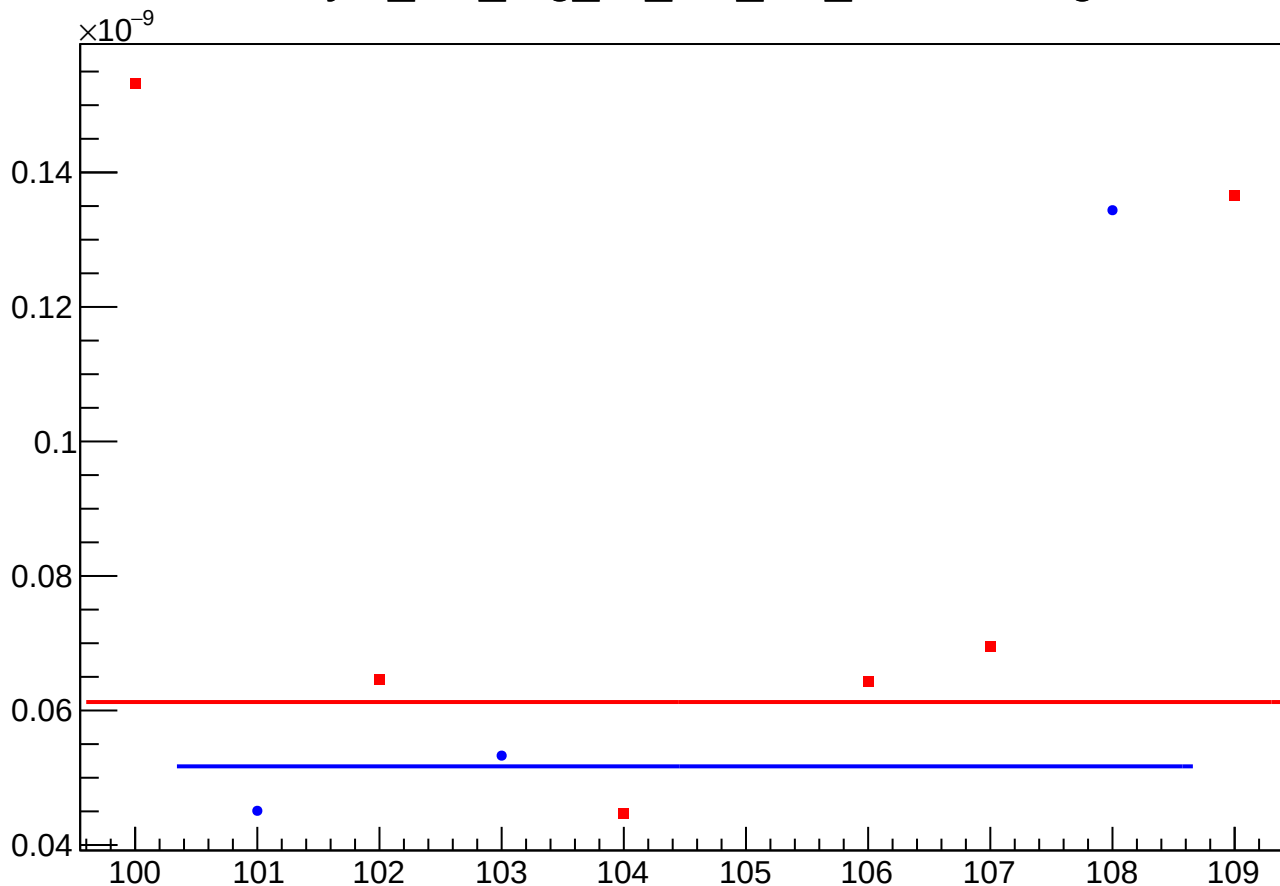
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 238143.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 368545.1/5

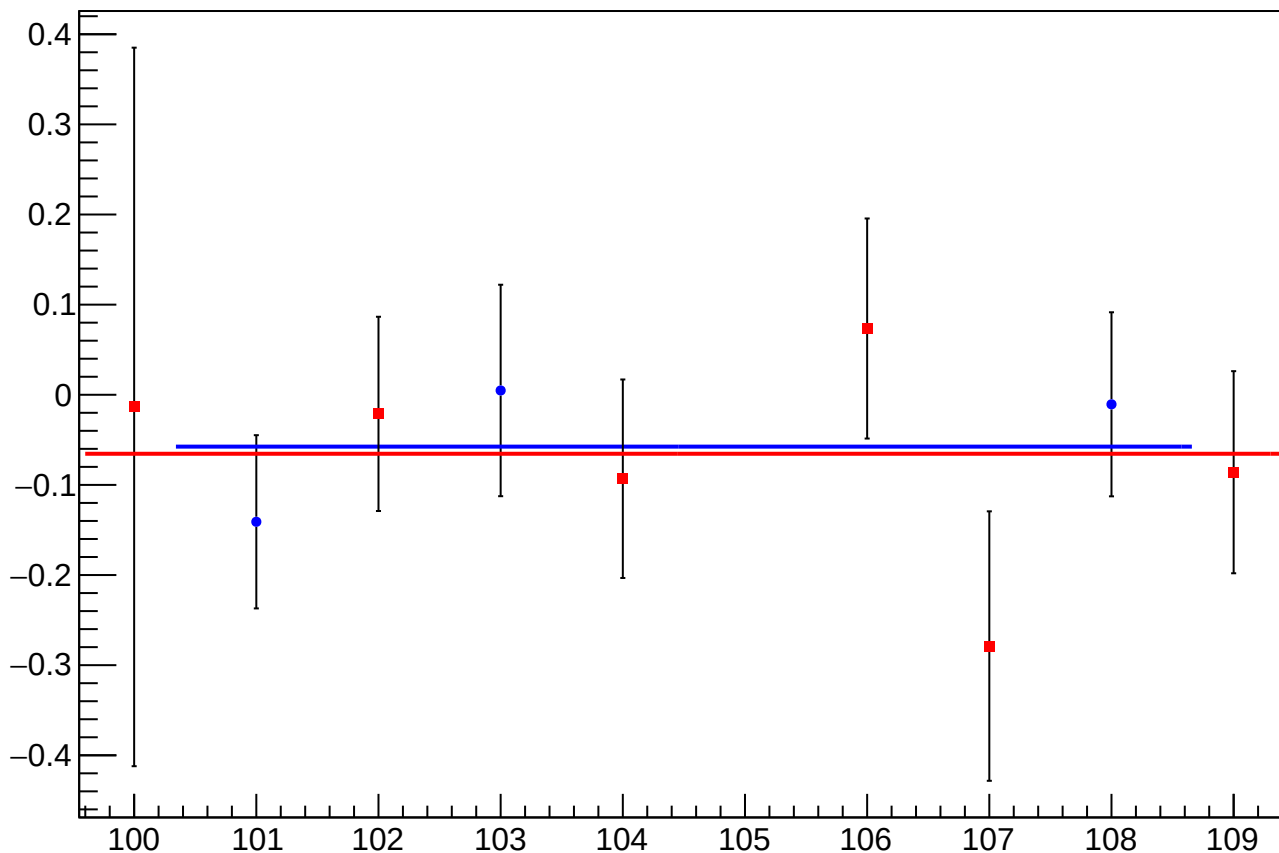
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 639691.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_dit_vs_cor_diff_mean vs Slug



Right In: -0.058 ± 0.060 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.065 ± 0.052 χ^2/NDF : 3.6/5

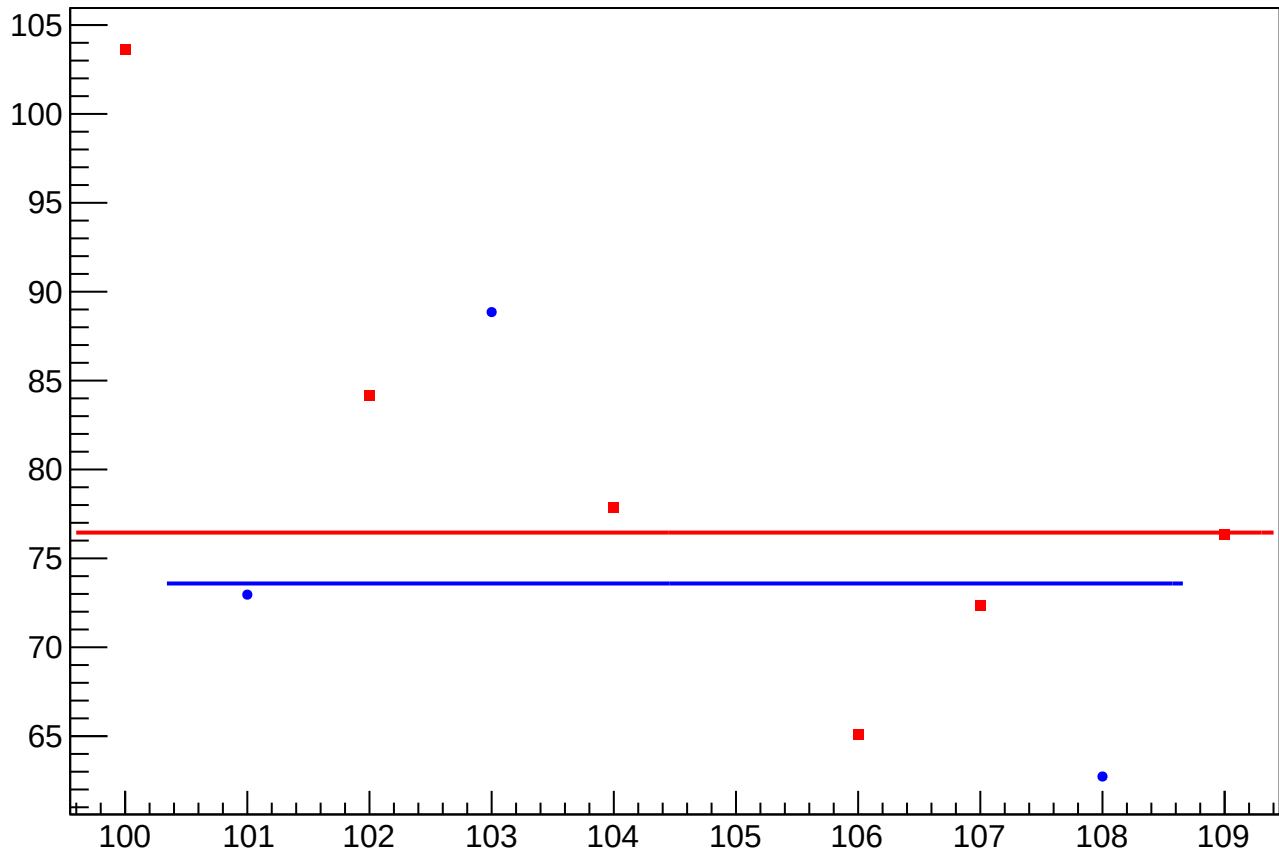
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.039 χ^2/NDF : 4.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_rms vs Slug



Right In: 73.588 $\pm$ 0.042 χ^2 /NDF: 56571.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.451 $\pm$ 0.037 χ^2 /NDF: 38620.8/5

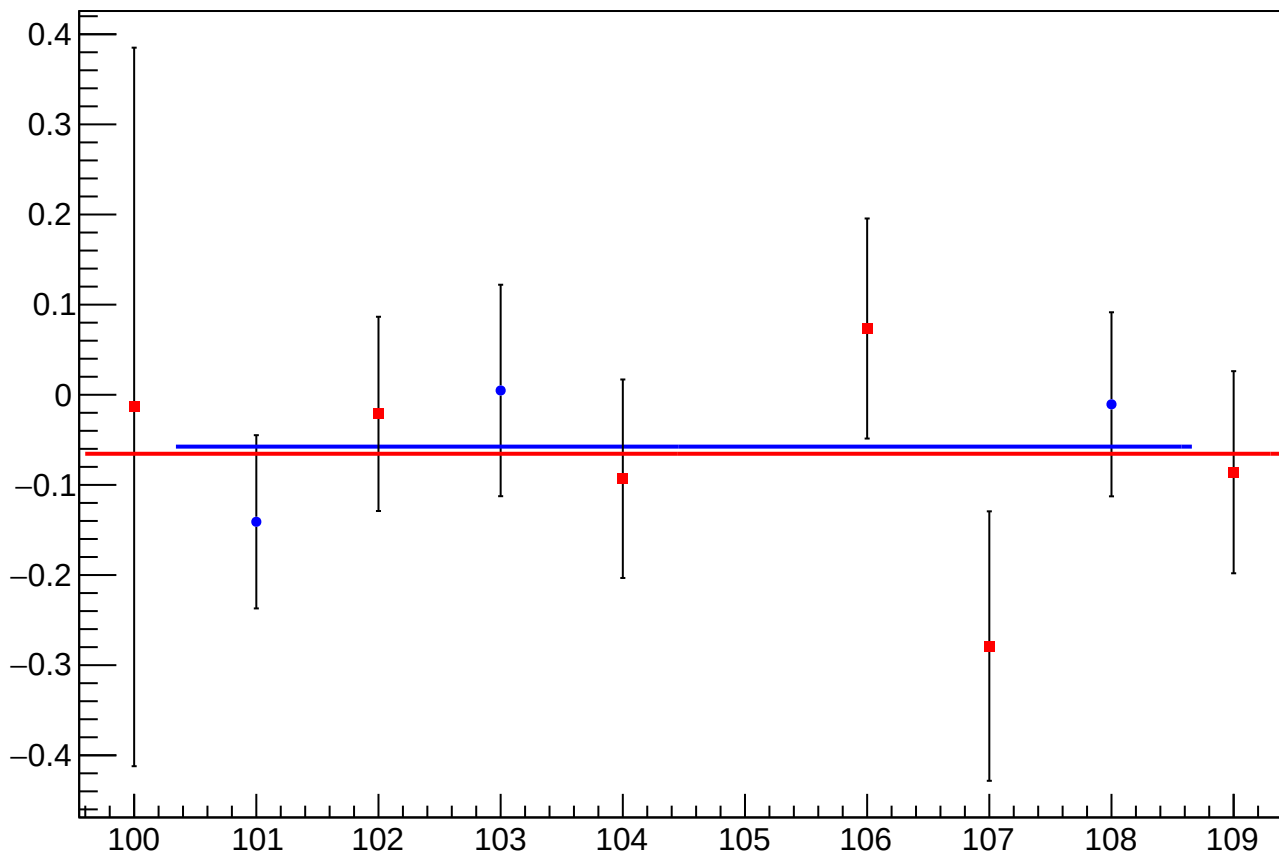
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.219 $\pm$ 0.028 χ^2 /NDF: 97778.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.058 ± 0.060 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.065 ± 0.052 χ^2/NDF : 3.6/5

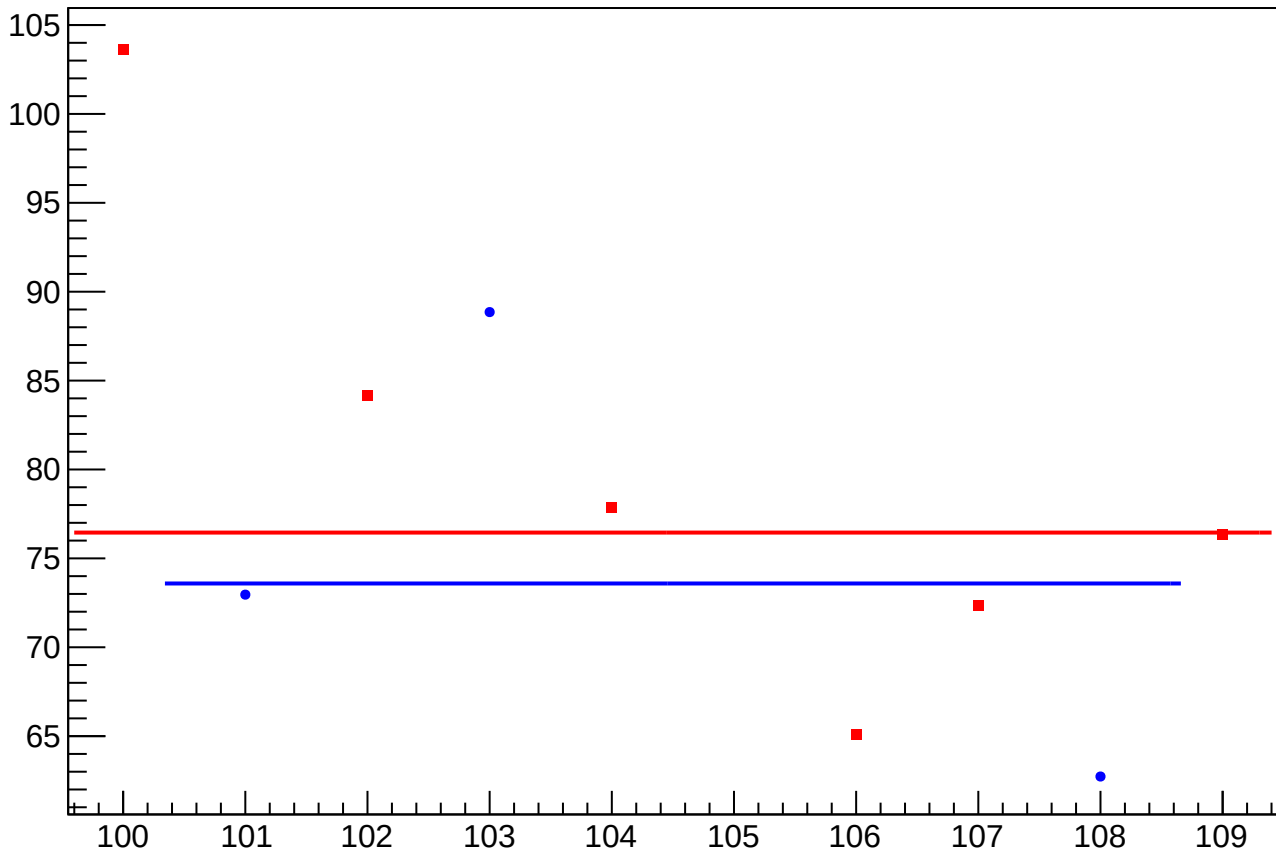
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.062 ± 0.039 χ^2/NDF : 4.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.588 $\pm$ 0.042 χ^2 /NDF: 56571.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.451 $\pm$ 0.037 χ^2 /NDF: 38620.8/5

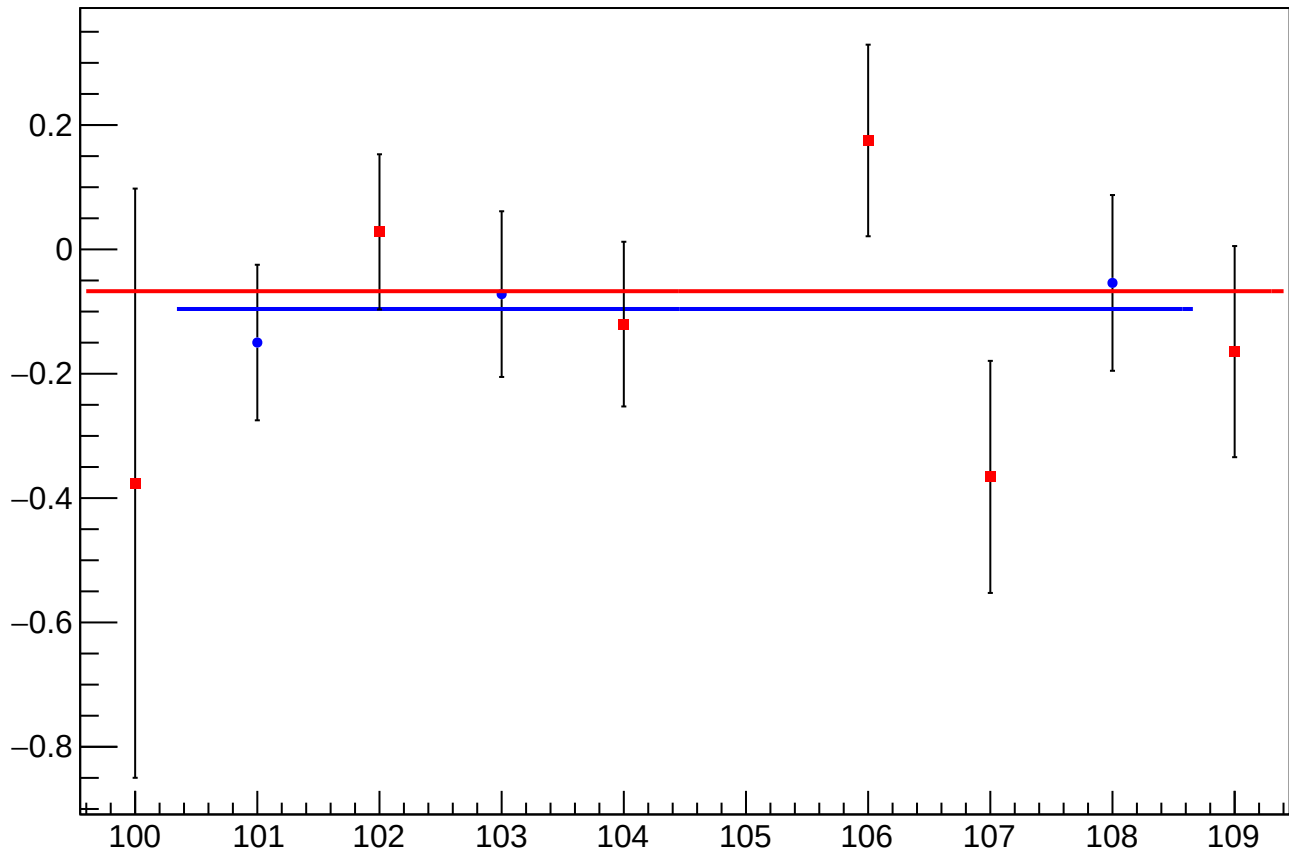
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.219 $\pm$ 0.028 χ^2 /NDF: 97778.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.096 ± 0.077 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.067 ± 0.066 χ^2/NDF : 6.5/5

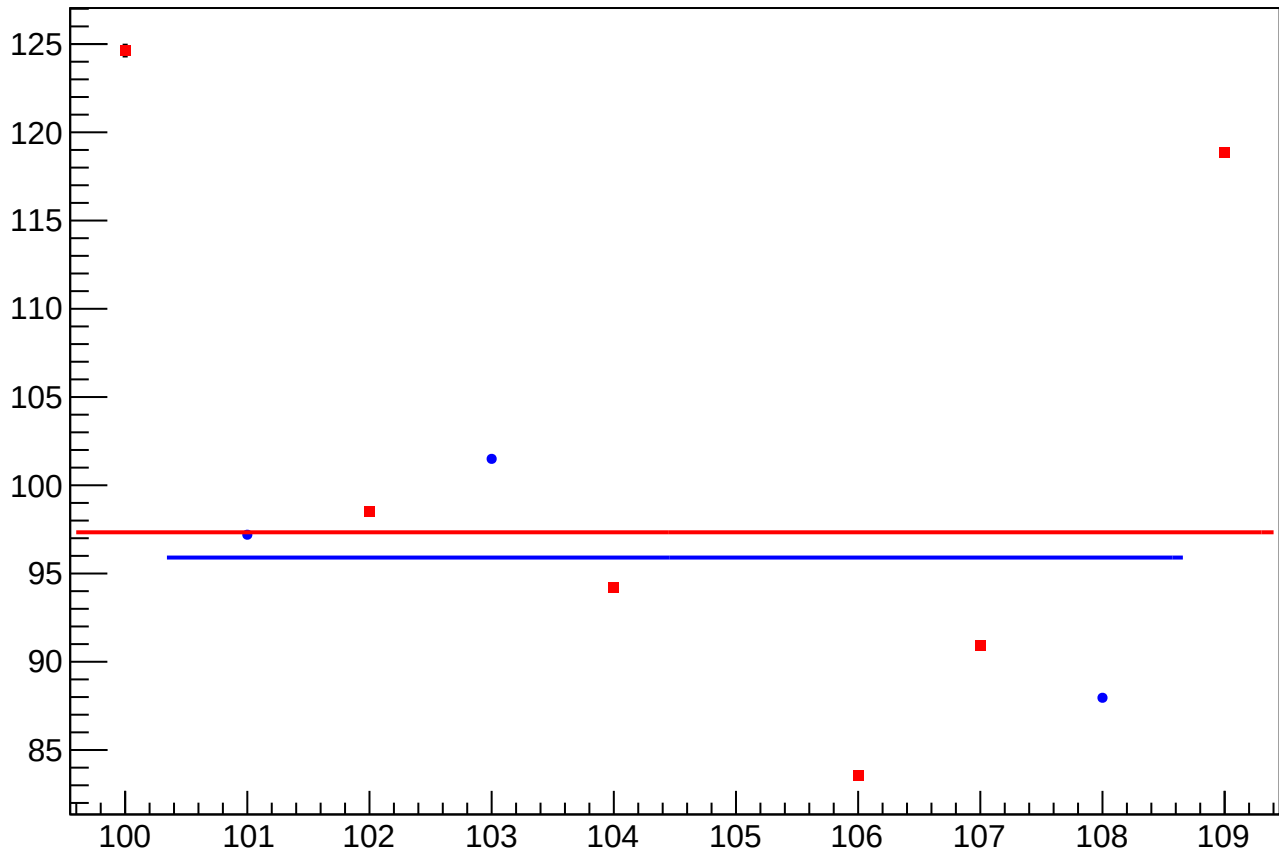
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.050 χ^2/NDF : 6.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 95.904 $\pm$ 0.054 χ^2 /NDF: 10056.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.336 $\pm$ 0.047 χ^2 /NDF: 58554.0/5

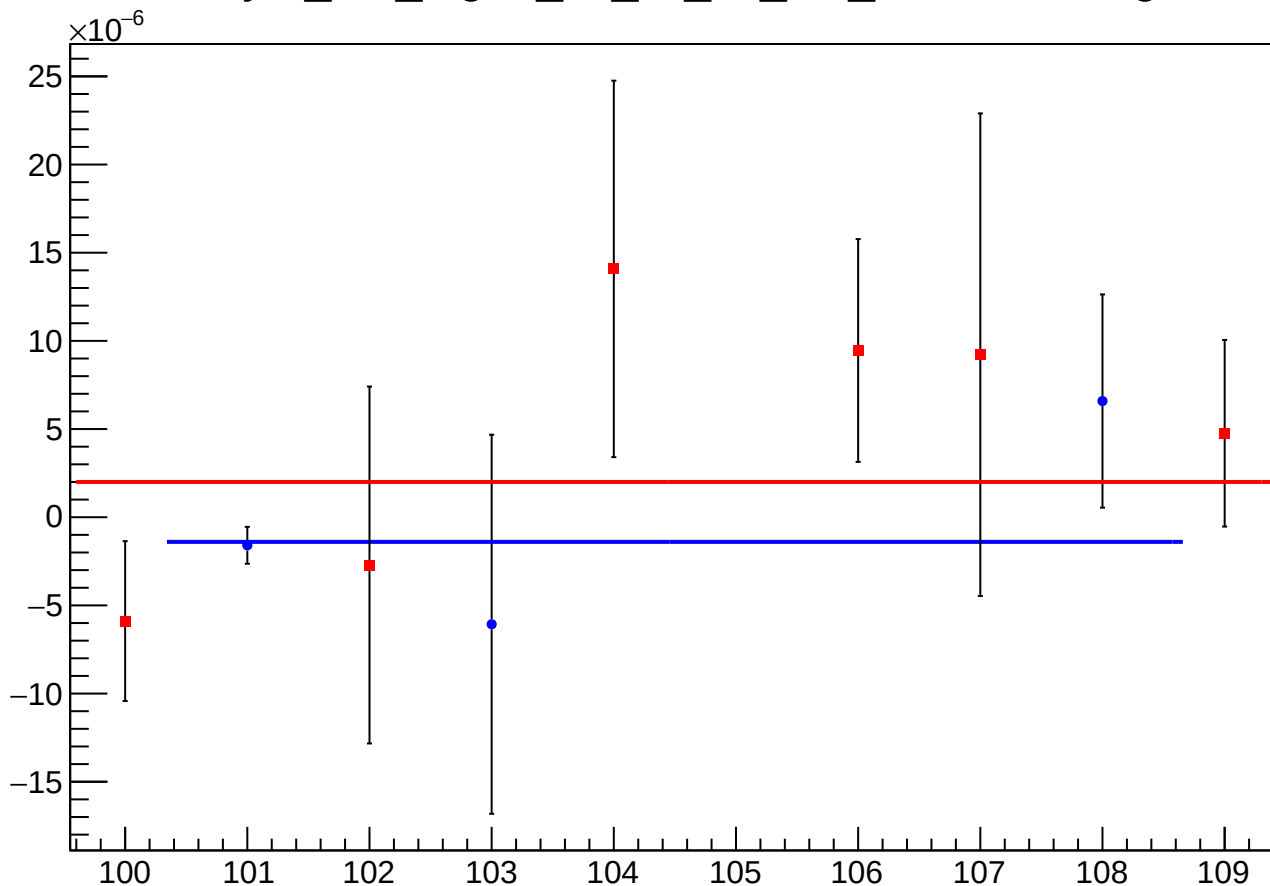
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.729 $\pm$ 0.035 χ^2 /NDF: 69012.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/5

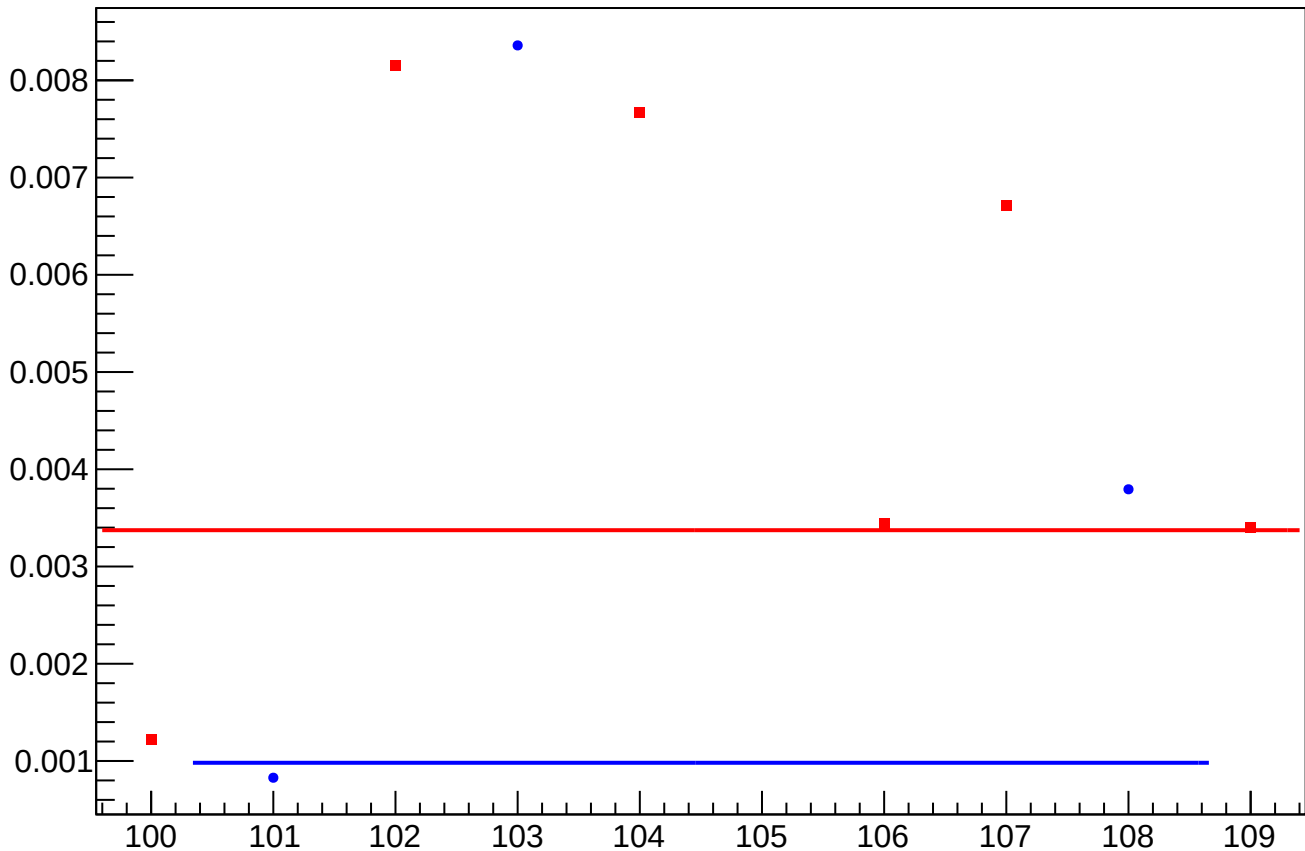
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1418316.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1339997.1/5

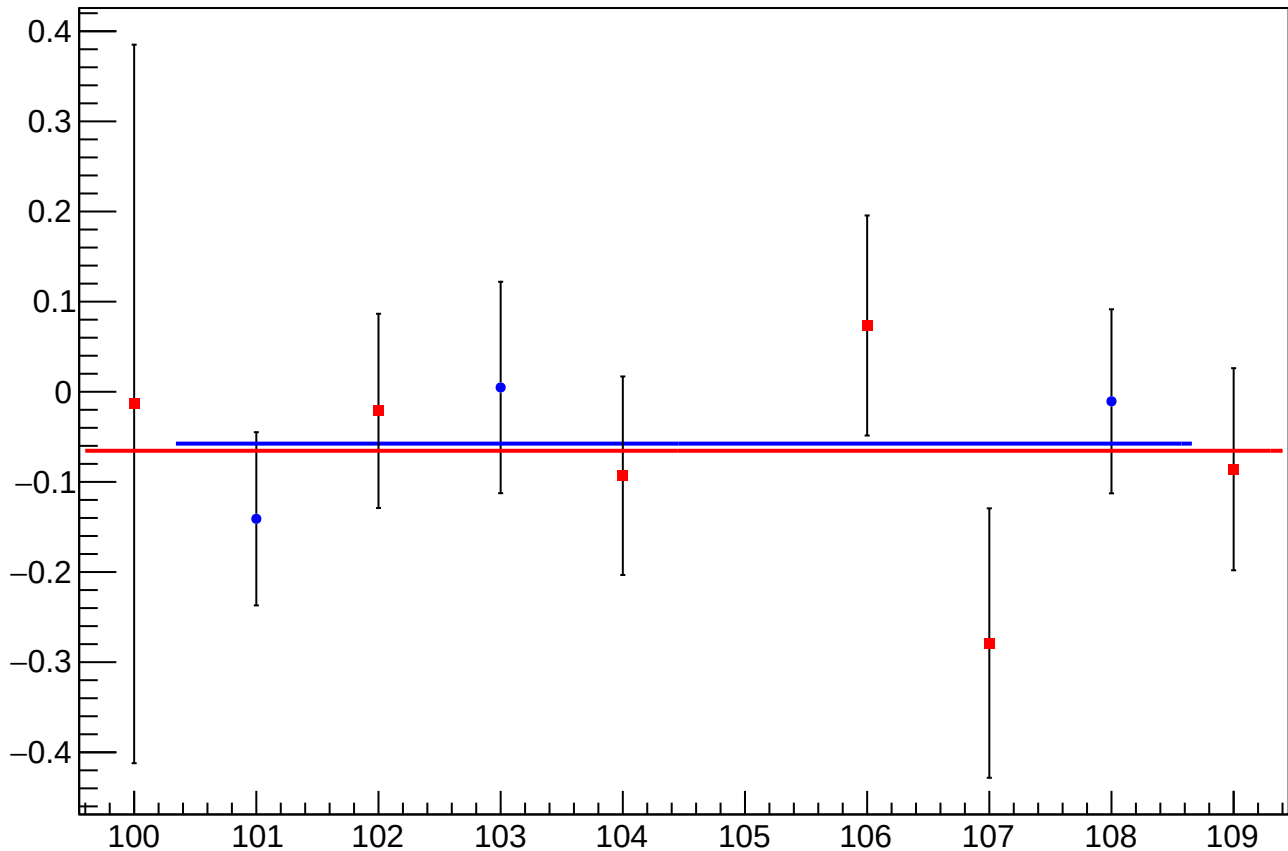
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4096272.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.058 $\pm$ 0.060 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.065 $\pm$ 0.052 χ^2 /NDF: 3.6/5

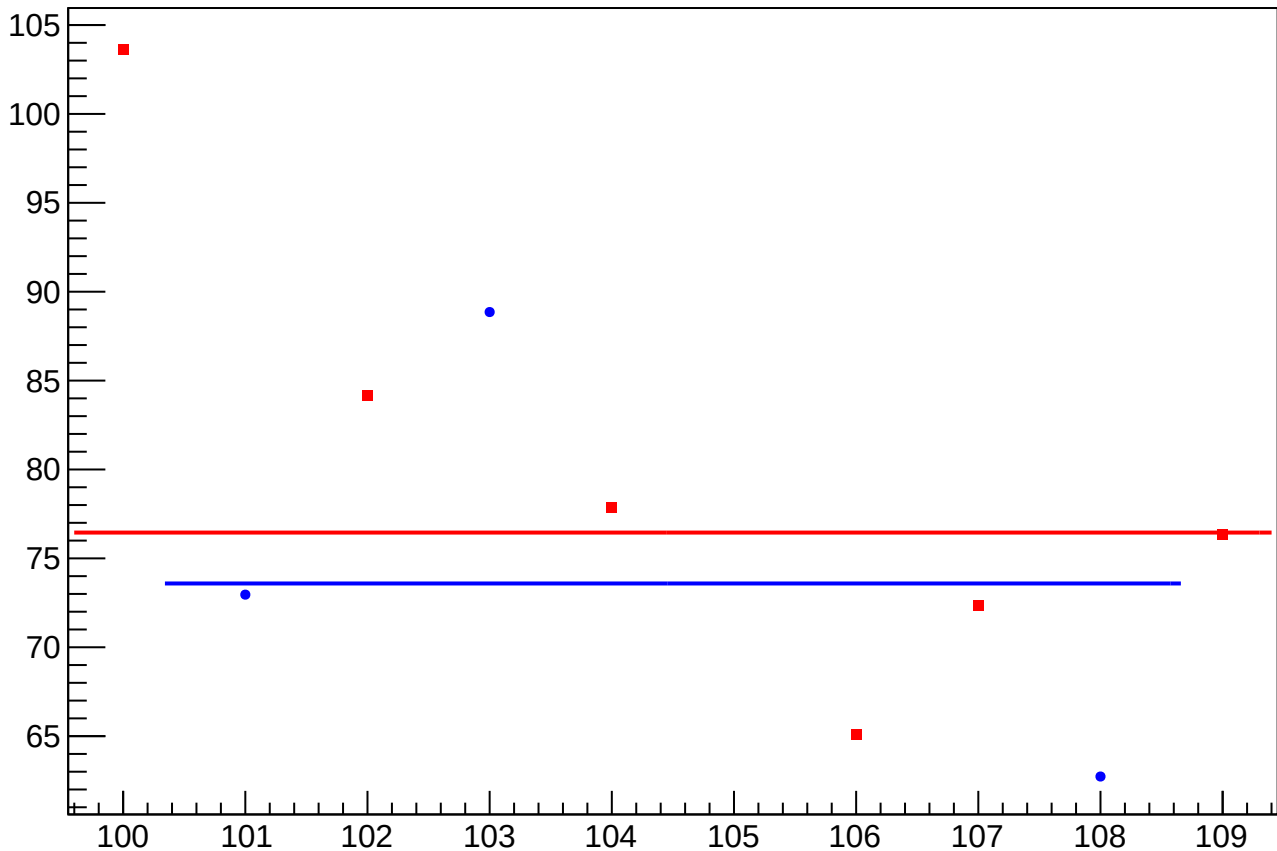
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.062 $\pm$ 0.039 χ^2 /NDF: 4.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 73.588 $\pm$ 0.042 χ^2 /NDF: 56580.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.452 $\pm$ 0.037 χ^2 /NDF: 38628.7/5

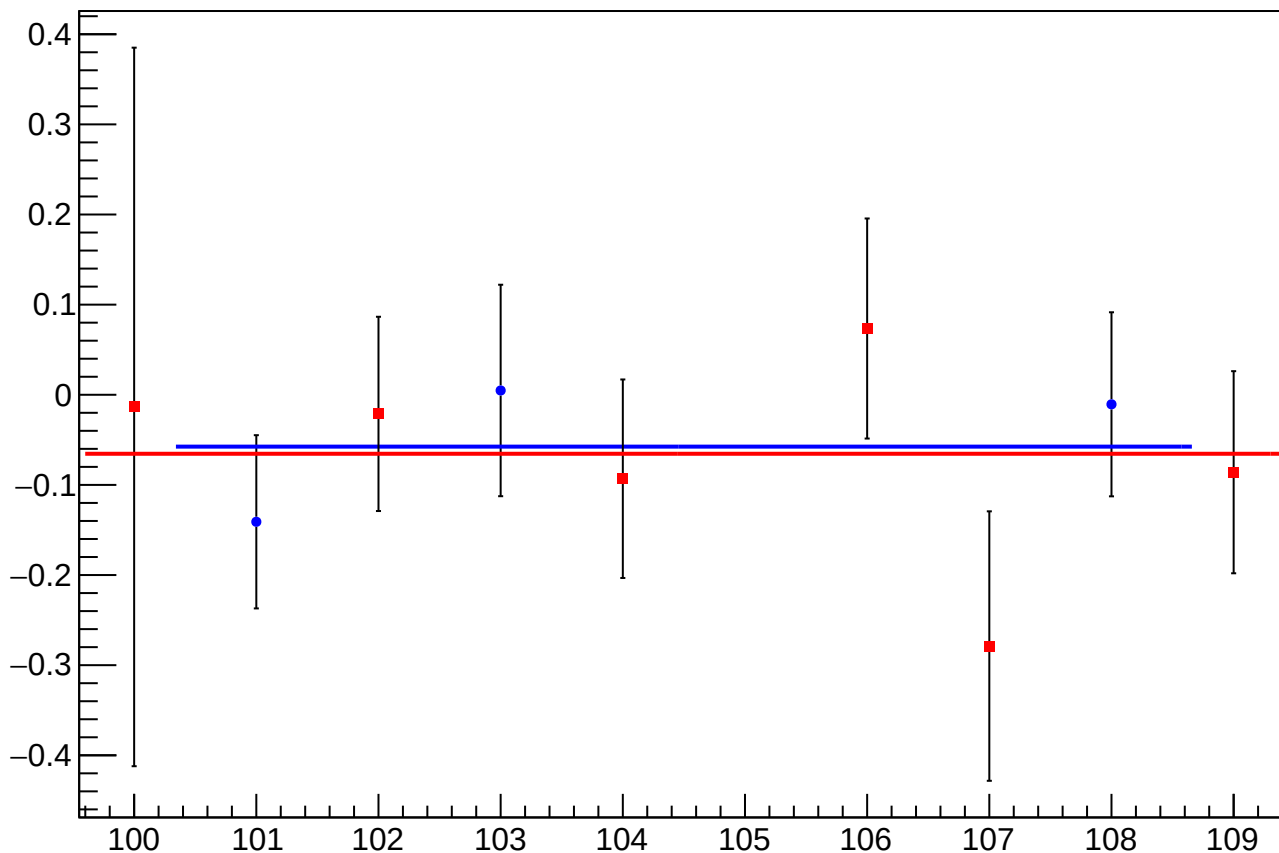
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.219 $\pm$ 0.028 χ^2 /NDF: 97794.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.058 ± 0.060 $\chi^2/\text{NDF}: 1.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.065 ± 0.052 $\chi^2/\text{NDF}: 3.6/5$

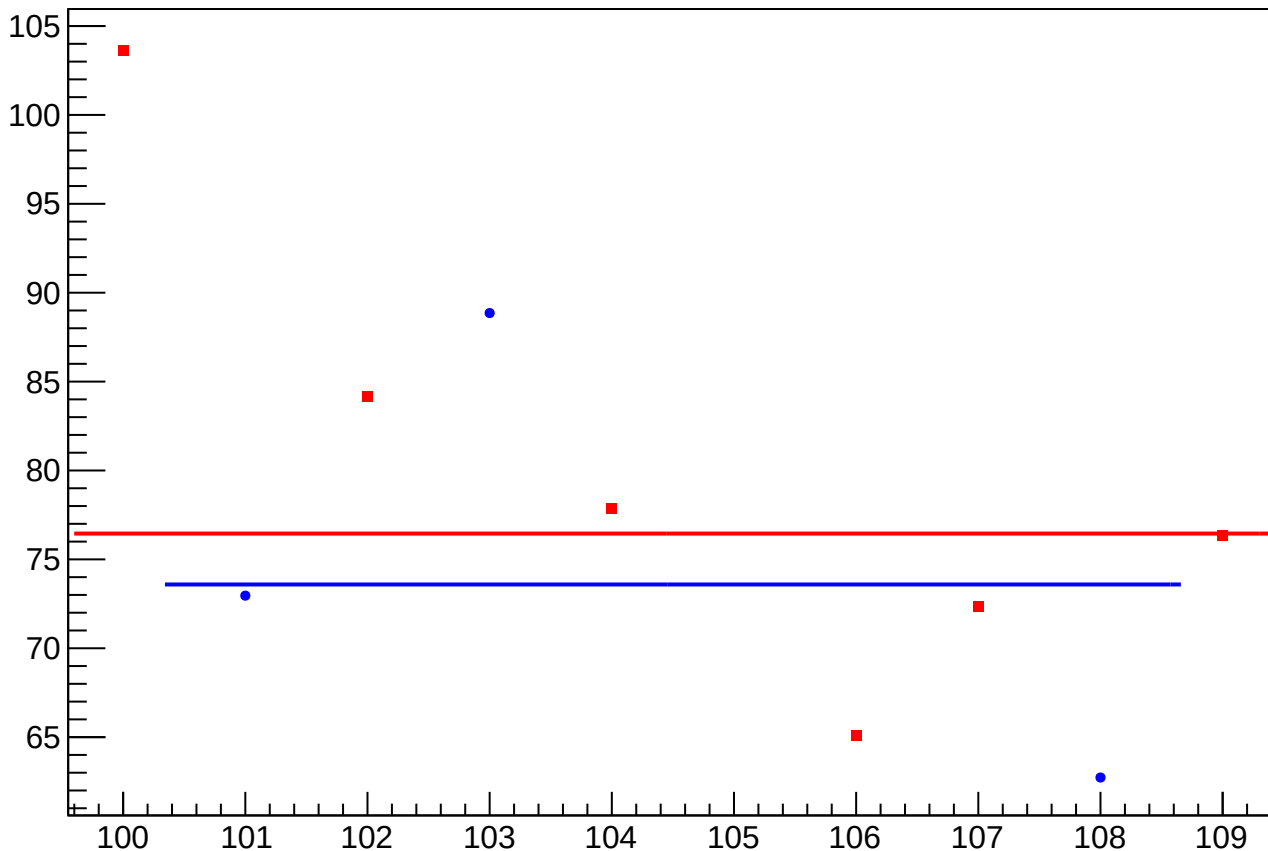
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.062 ± 0.039 $\chi^2/\text{NDF}: 4.9/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.588 $\pm$ 0.042 χ^2 /NDF: 56580.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.452 $\pm$ 0.037 χ^2 /NDF: 38628.7/5

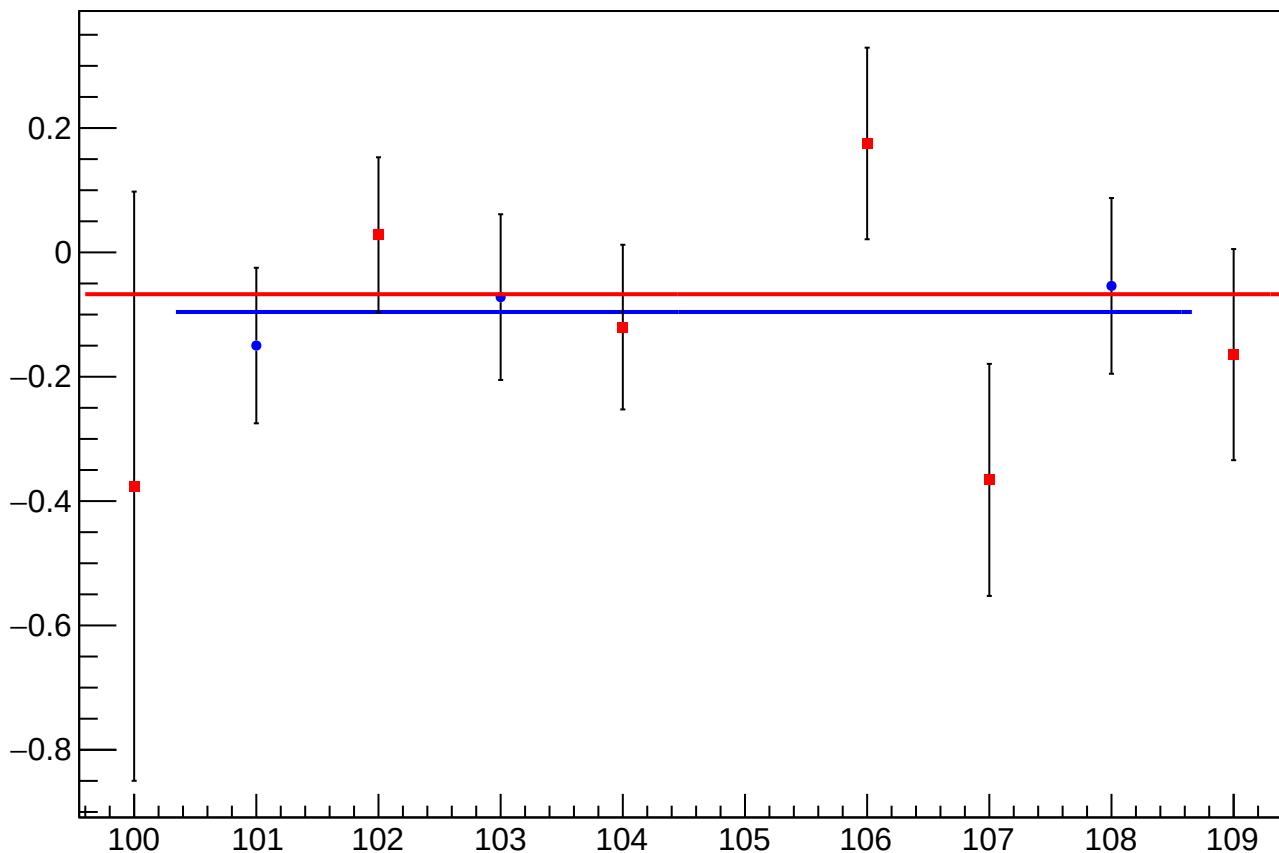
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.219 $\pm$ 0.028 χ^2 /NDF: 97794.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.096 ± 0.077 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.067 ± 0.066 χ^2/NDF : 6.5/5

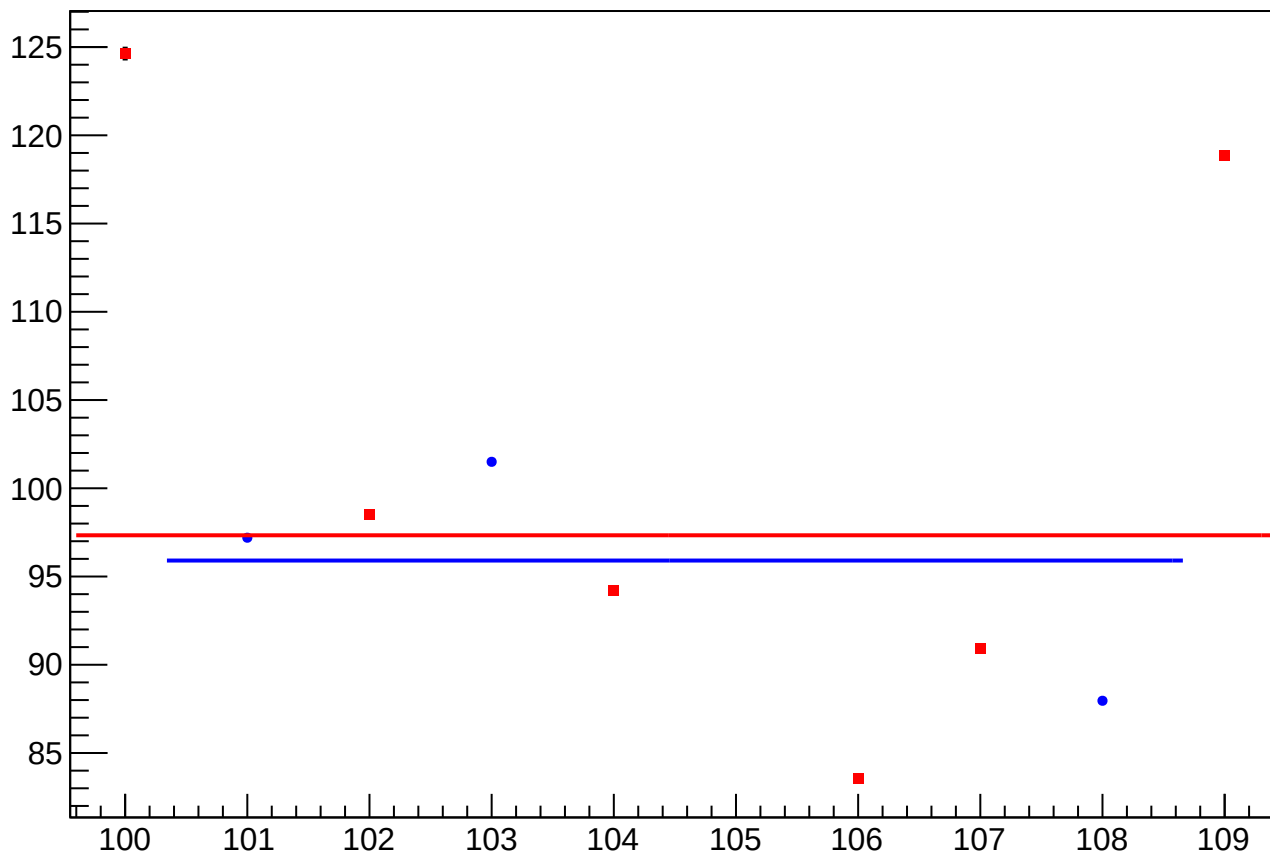
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.050 χ^2/NDF : 6.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 95.905+/-0.054 χ^2/NDF : 10059.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.336+/-0.047 χ^2/NDF : 58554.9/5

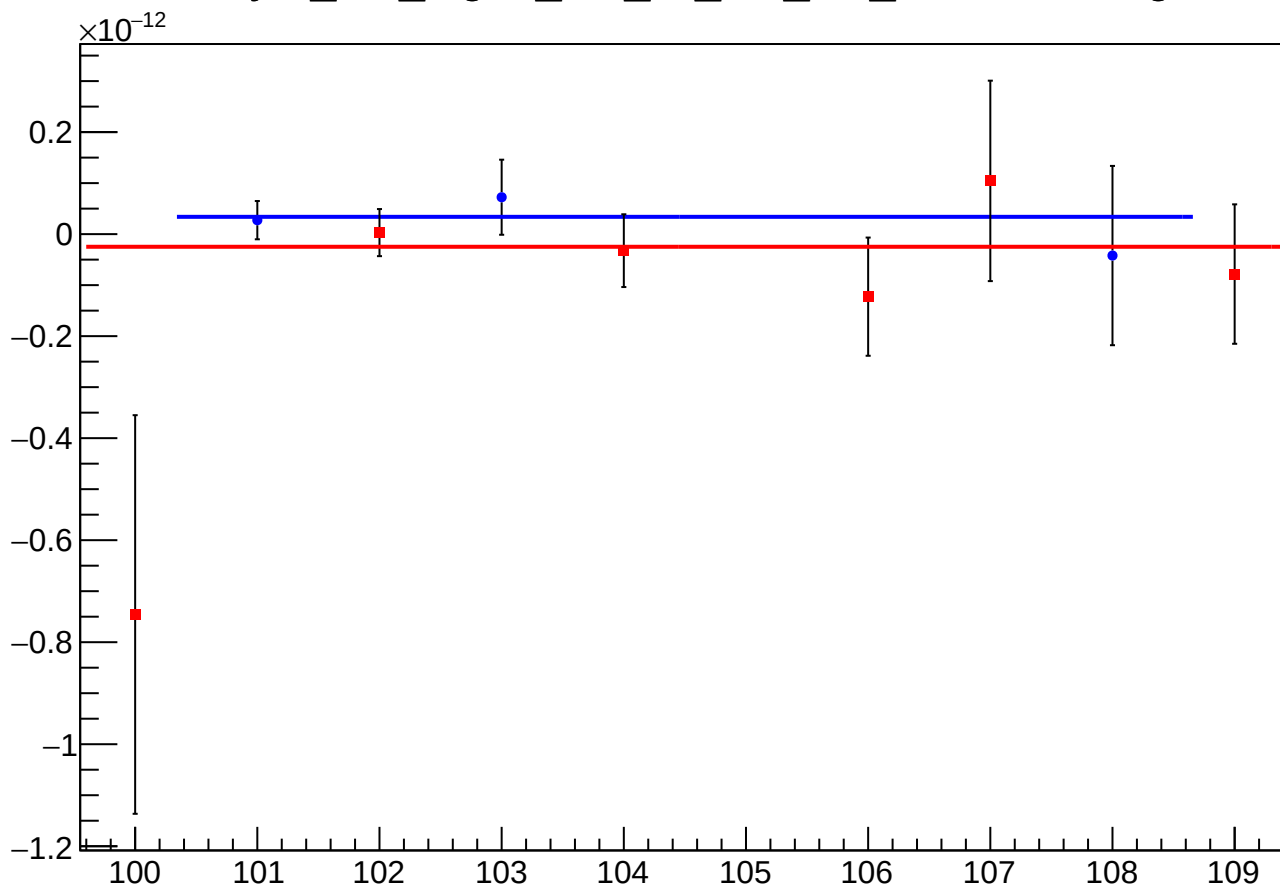
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.729+/-0.035 χ^2/NDF : 69015.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/5

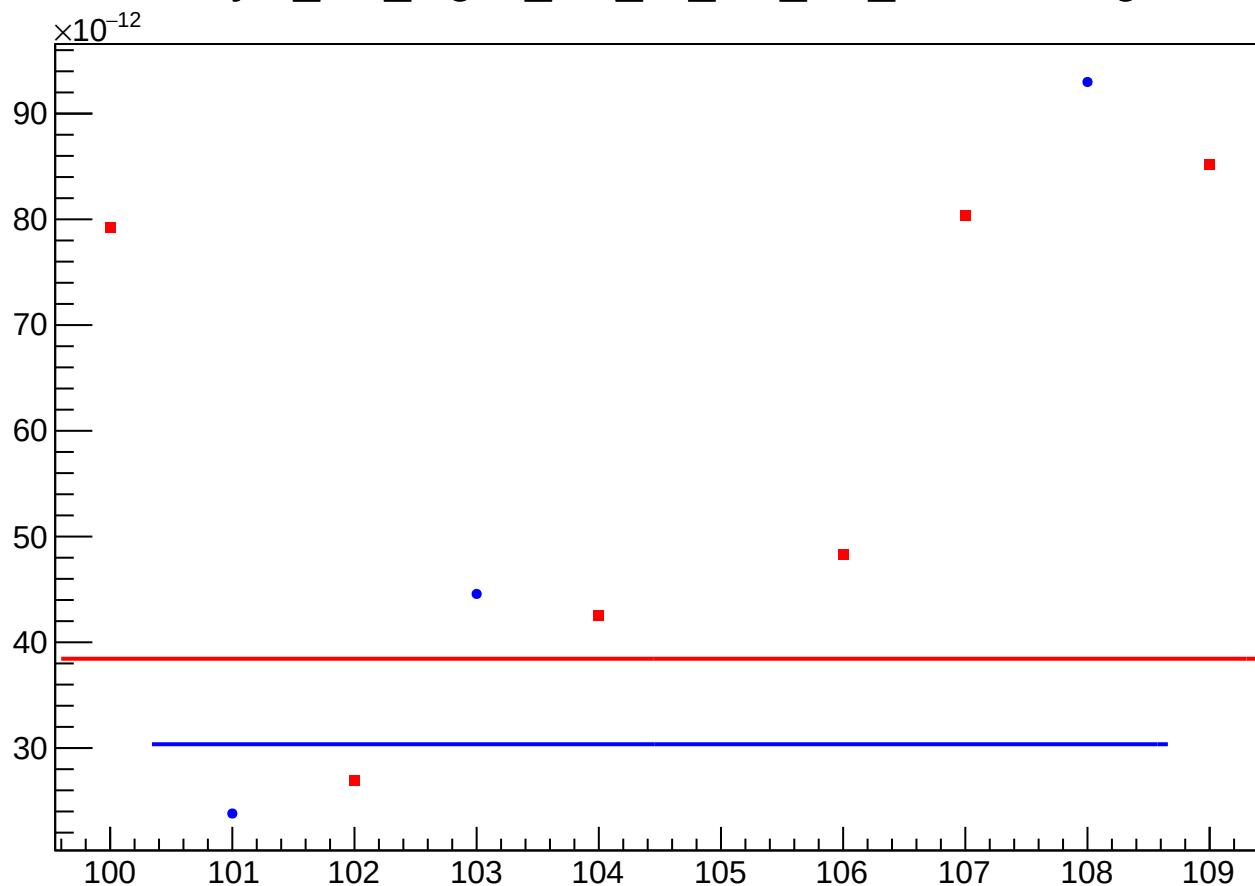
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 389582.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 492300.7/5

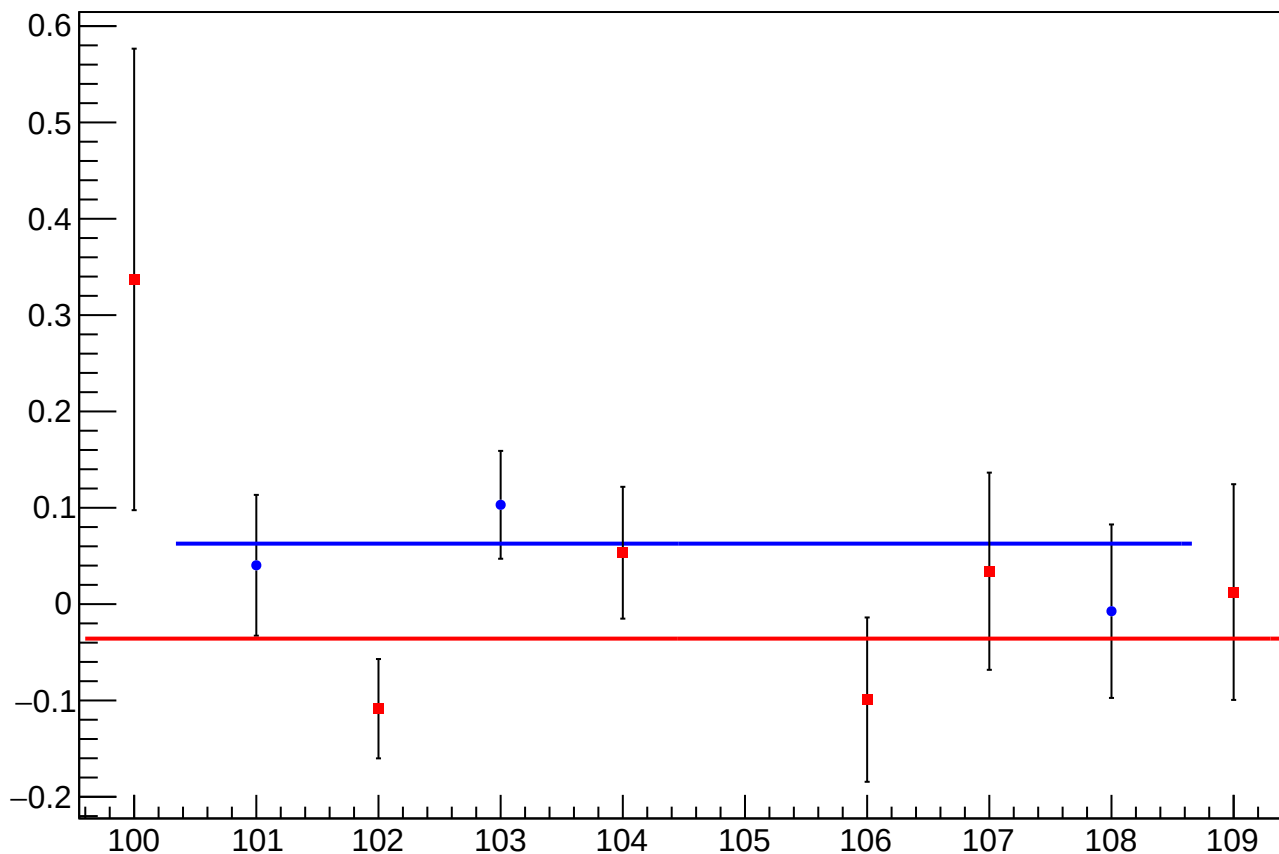
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 939030.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.063 $\pm$ 0.040 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.036 $\pm$ 0.033 χ^2 /NDF: 7.3/5

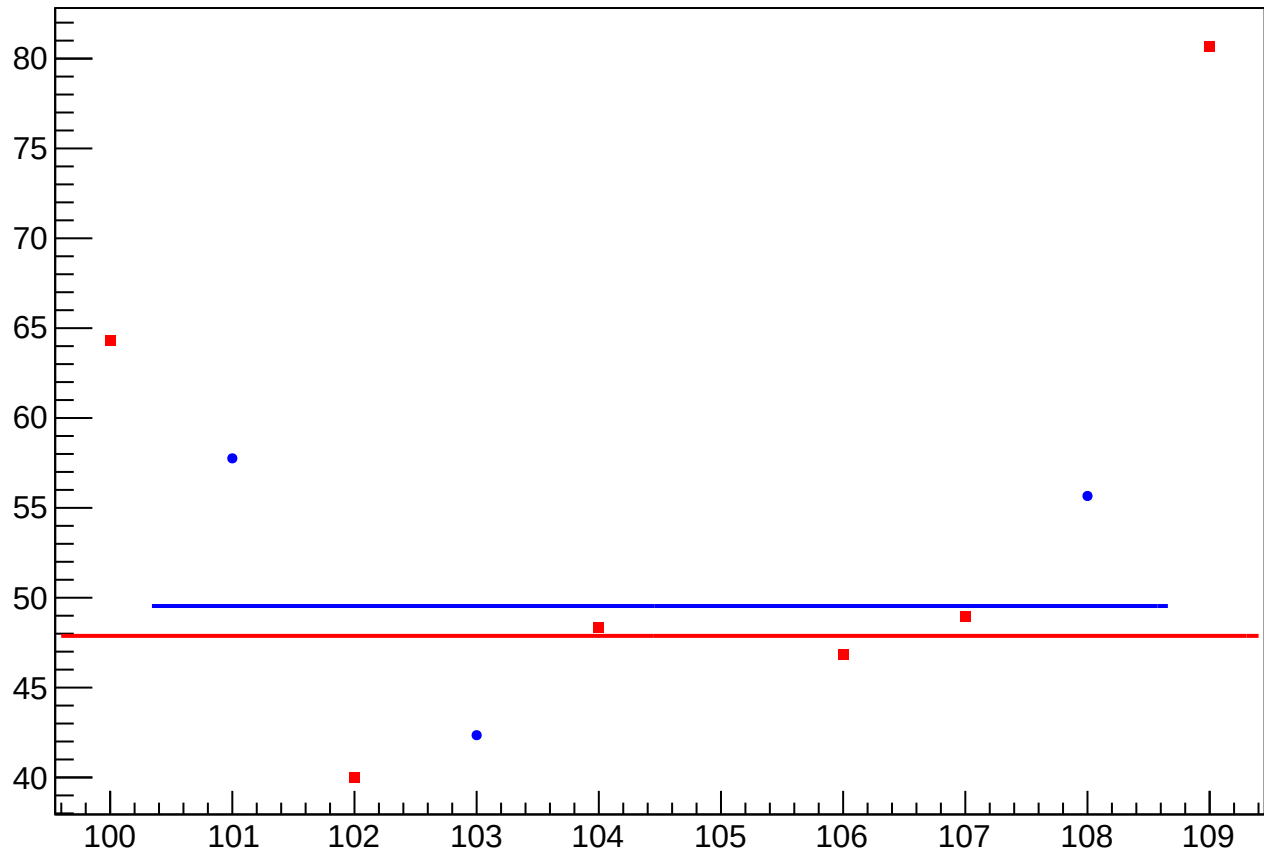
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.025 χ^2 /NDF: 12.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 49.539+/-0.028 χ^2/NDF : 67507.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.878+/-0.023 χ^2/NDF : 228349.0/5

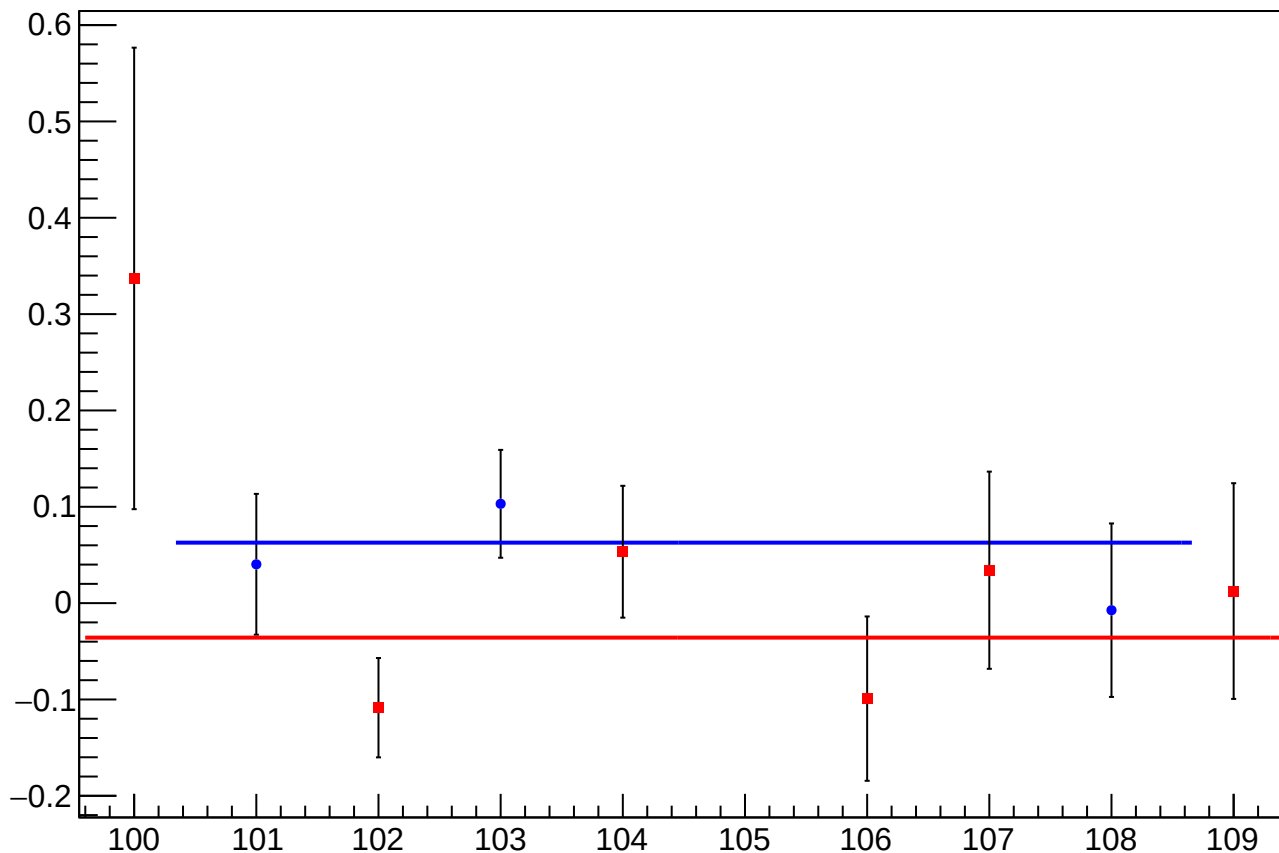
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.553+/-0.018 χ^2/NDF : 297919.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.063 $\pm$ 0.040 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.036 $\pm$ 0.033 χ^2 /NDF: 7.3/5

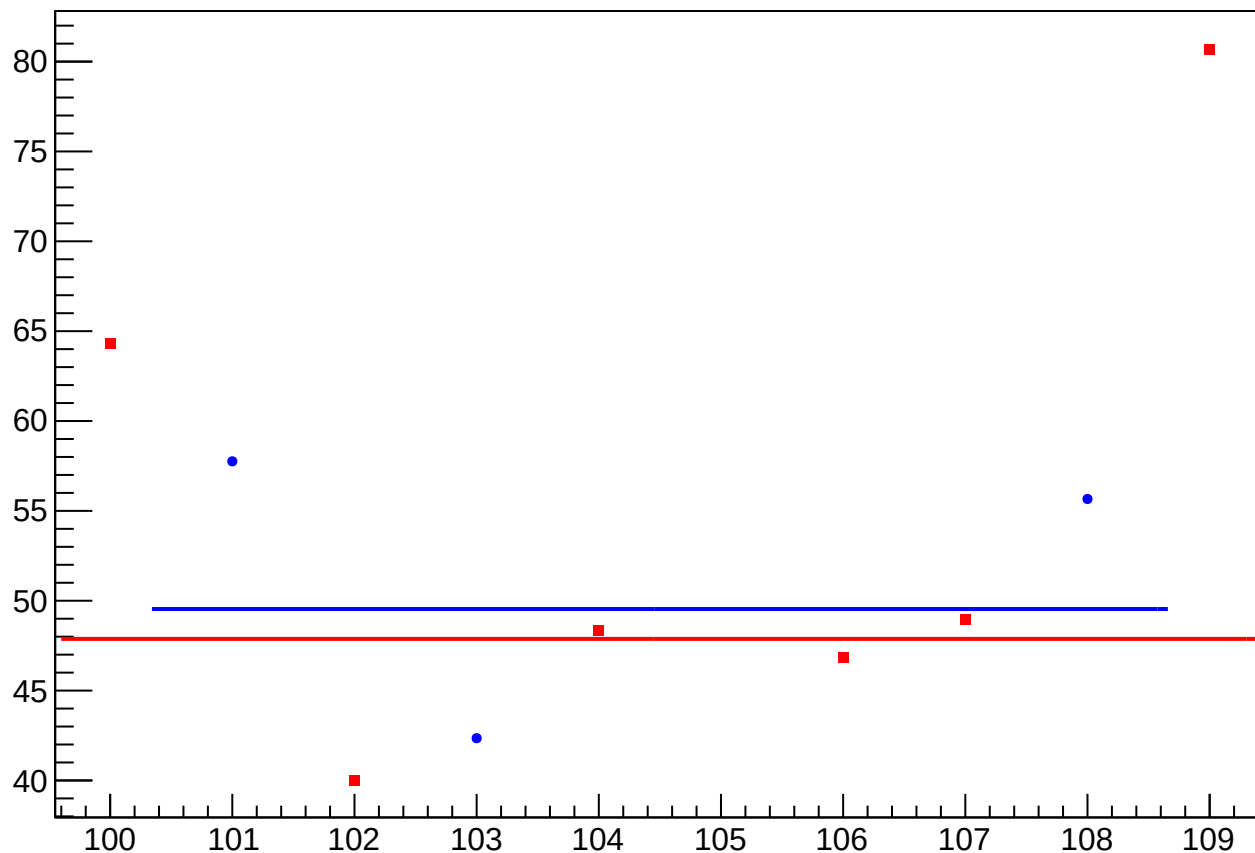
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.025 χ^2 /NDF: 12.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 49.539 $\pm$ 0.028 χ^2 /NDF: 67507.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.878 $\pm$ 0.023 χ^2 /NDF: 228349.0/5

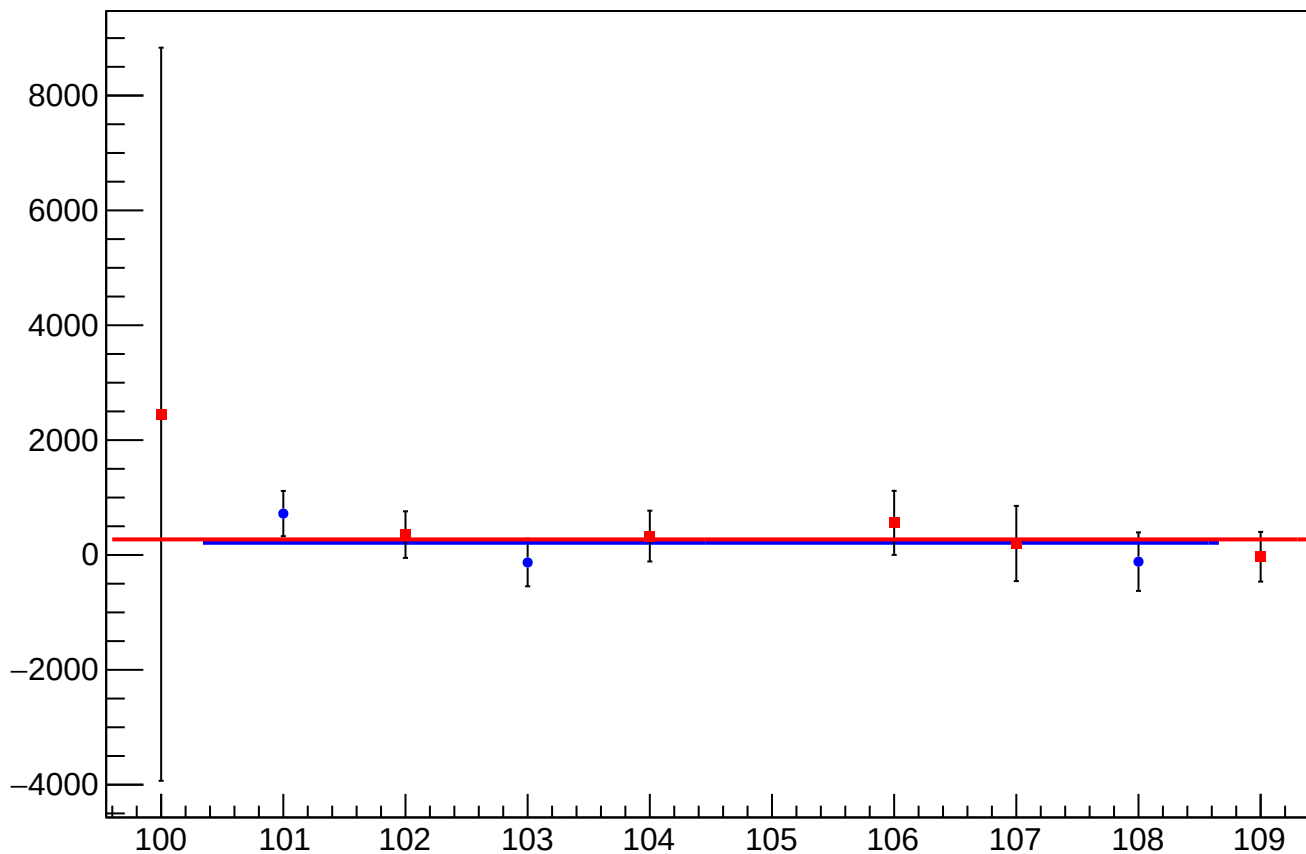
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.553 $\pm$ 0.018 χ^2 /NDF: 297919.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_dsl_mean vs Slug



Right In: 212.676 $\pm$ 249.198 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 271.177 $\pm$ 212.767 χ^2 /NDF: 0.9/5

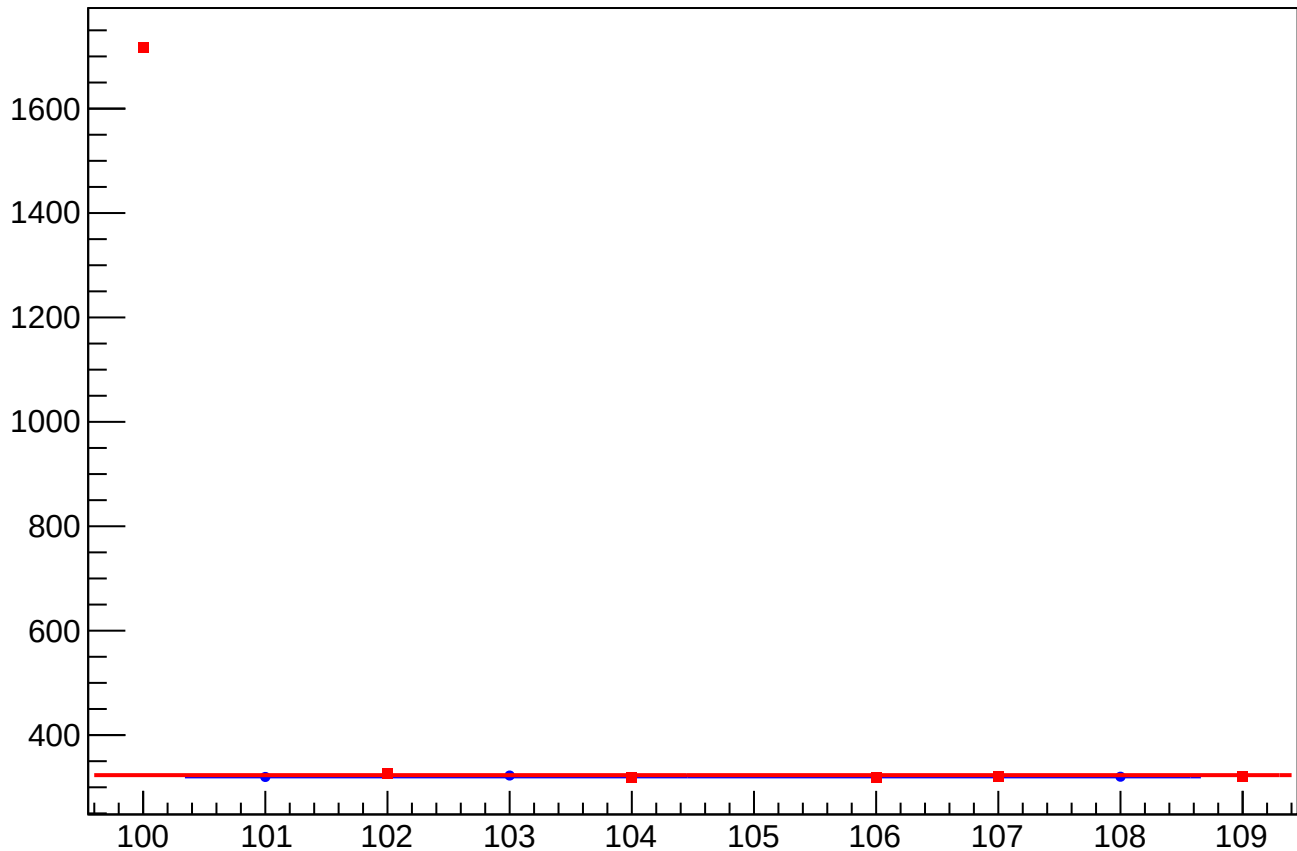
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 246.512 $\pm$ 161.811 χ^2 /NDF: 3.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_dsl_rms vs Slug



Right In: 320.894 $\pm$ 0.176 χ^2 /NDF: 49.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 323.277 $\pm$ 0.150 χ^2 /NDF: 96148.2/5

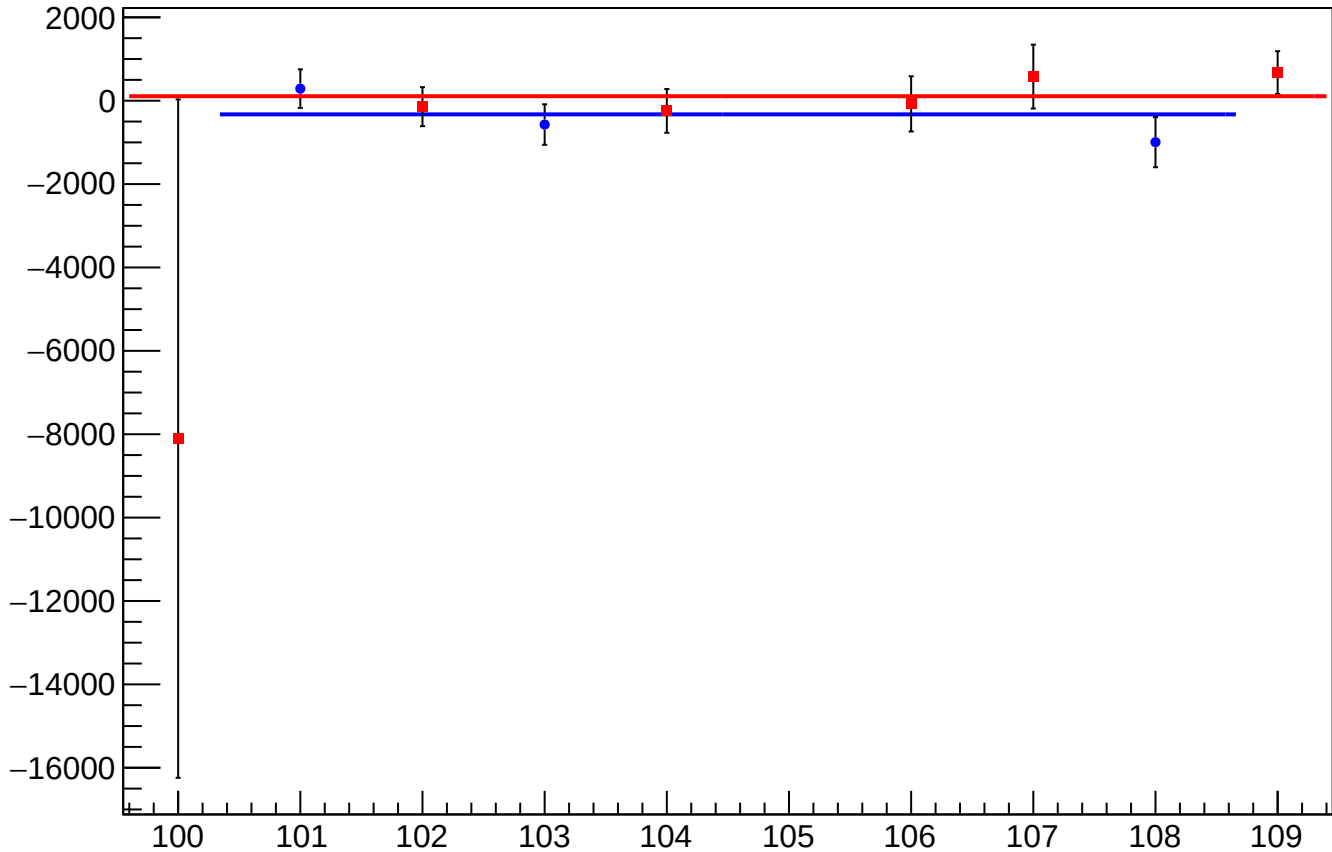
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 322.272 $\pm$ 0.114 χ^2 /NDF: 96303.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_dsr_mean vs Slug



Right In: -327.642 $\pm$ 292.711 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.529 $\pm$ 249.912 χ^2 /NDF: 3.4/5

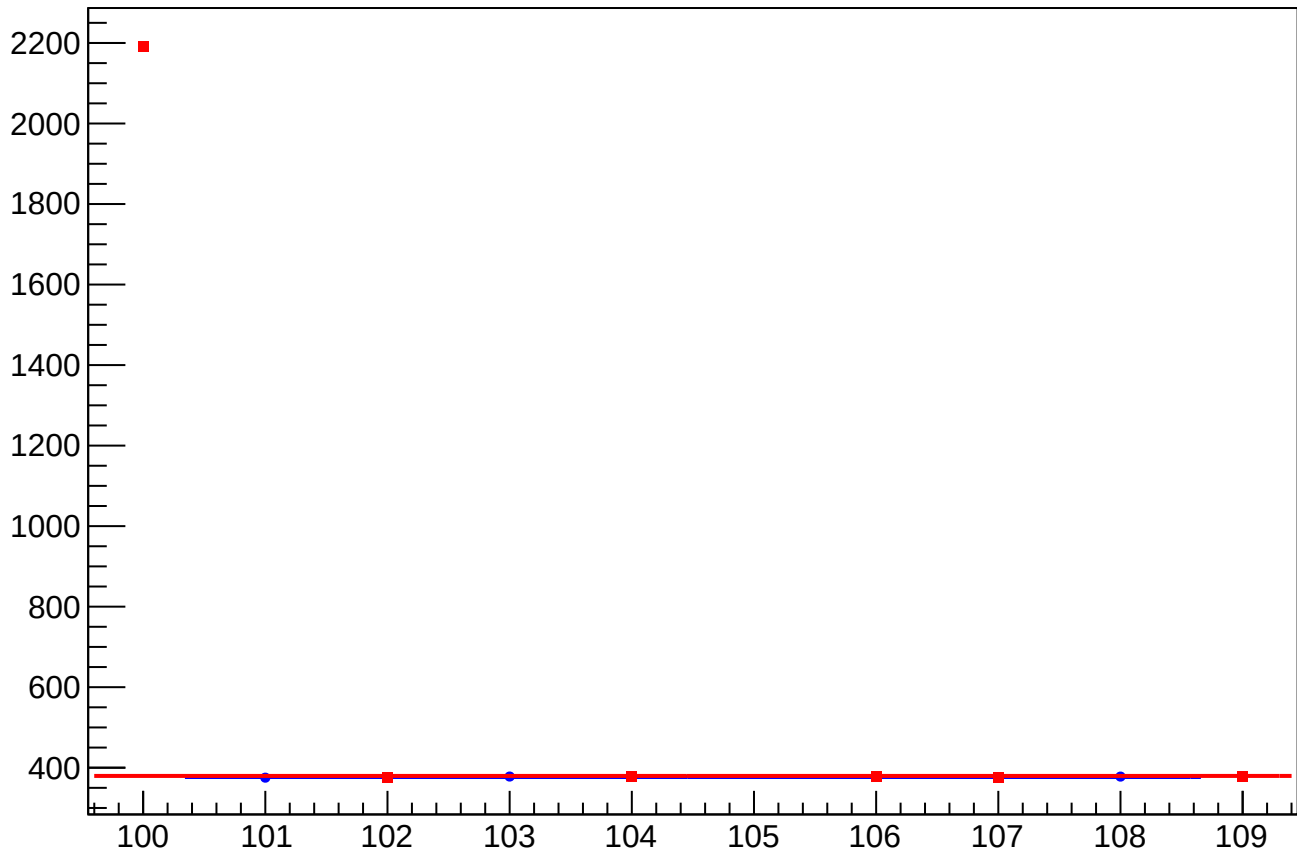
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.945 $\pm$ 190.063 χ^2 /NDF: 8.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_dsr_rms vs Slug



Right In: 376.909 $\pm$ 0.207 χ^2 /NDF: 42.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 379.583 $\pm$ 0.177 χ^2 /NDF: 99153.3/5

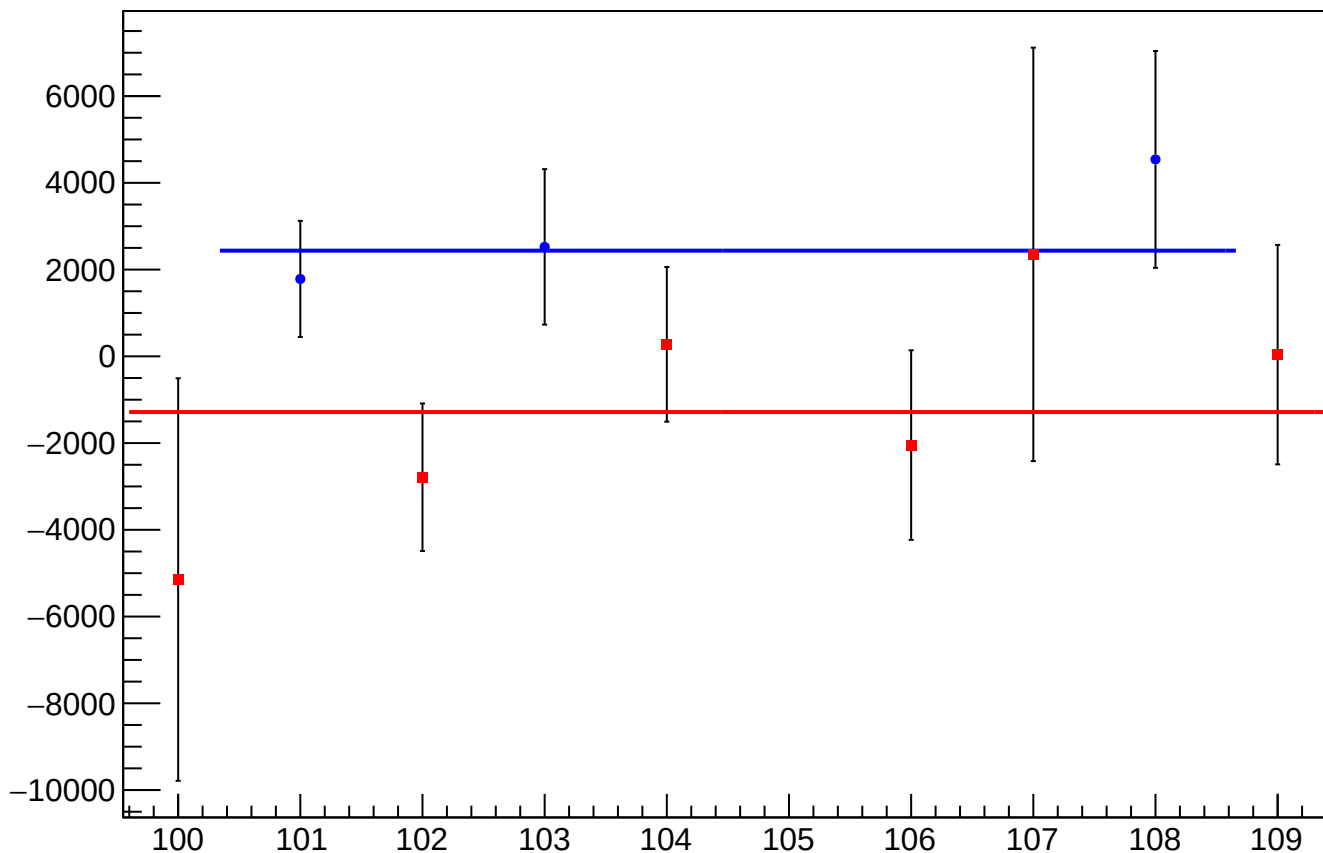
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 378.455 $\pm$ 0.134 χ^2 /NDF: 99292.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_agg_avg_mean vs Slug



Right In: 2436.662 $\pm$ 985.922 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1285.209 $\pm$ 946.634 χ^2 /NDF: 3.2/5

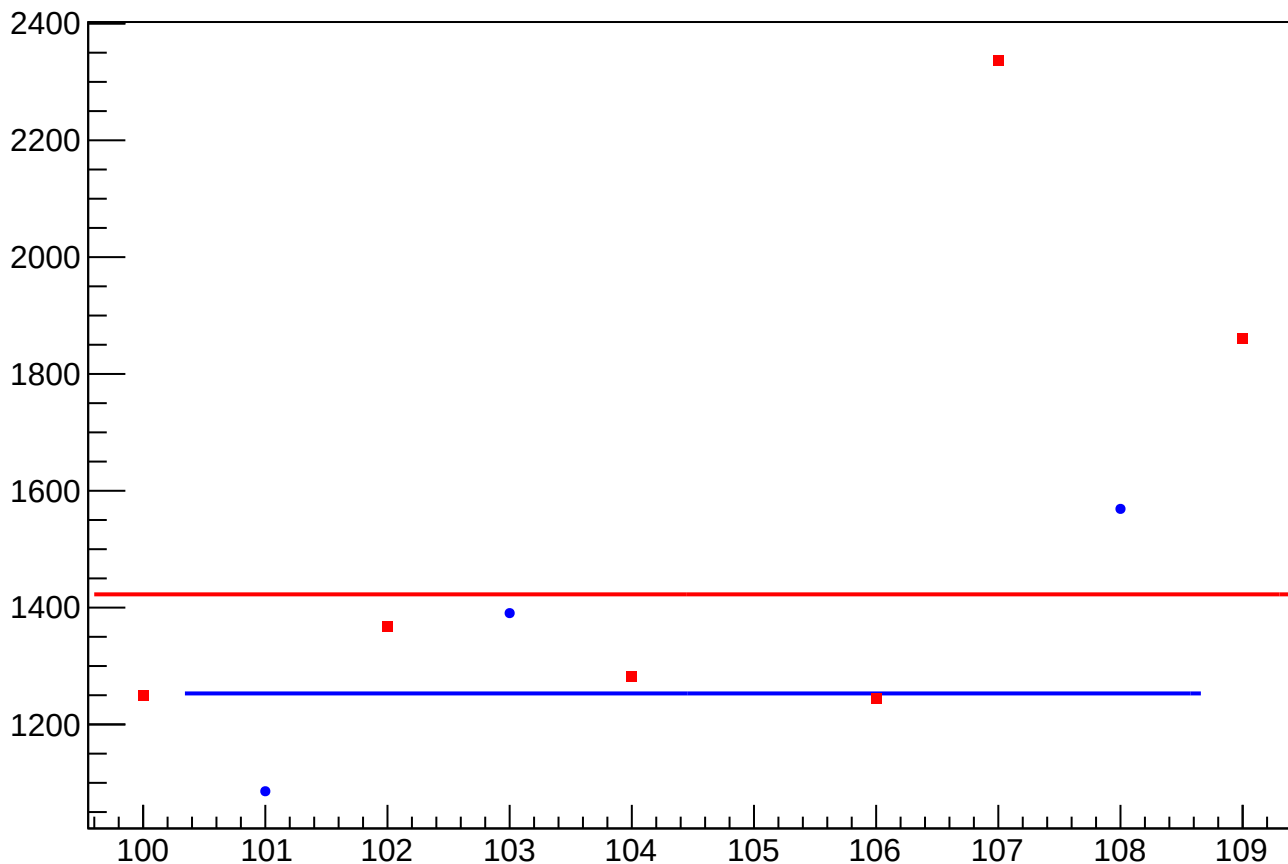
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 500.093 $\pm$ 682.838 χ^2 /NDF: 11.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_agg_avg_rms vs Slug



Right In: 1253.071+/-0.697 χ^2/NDF : 74981.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.694+/-0.669 χ^2/NDF : 164043.1/5

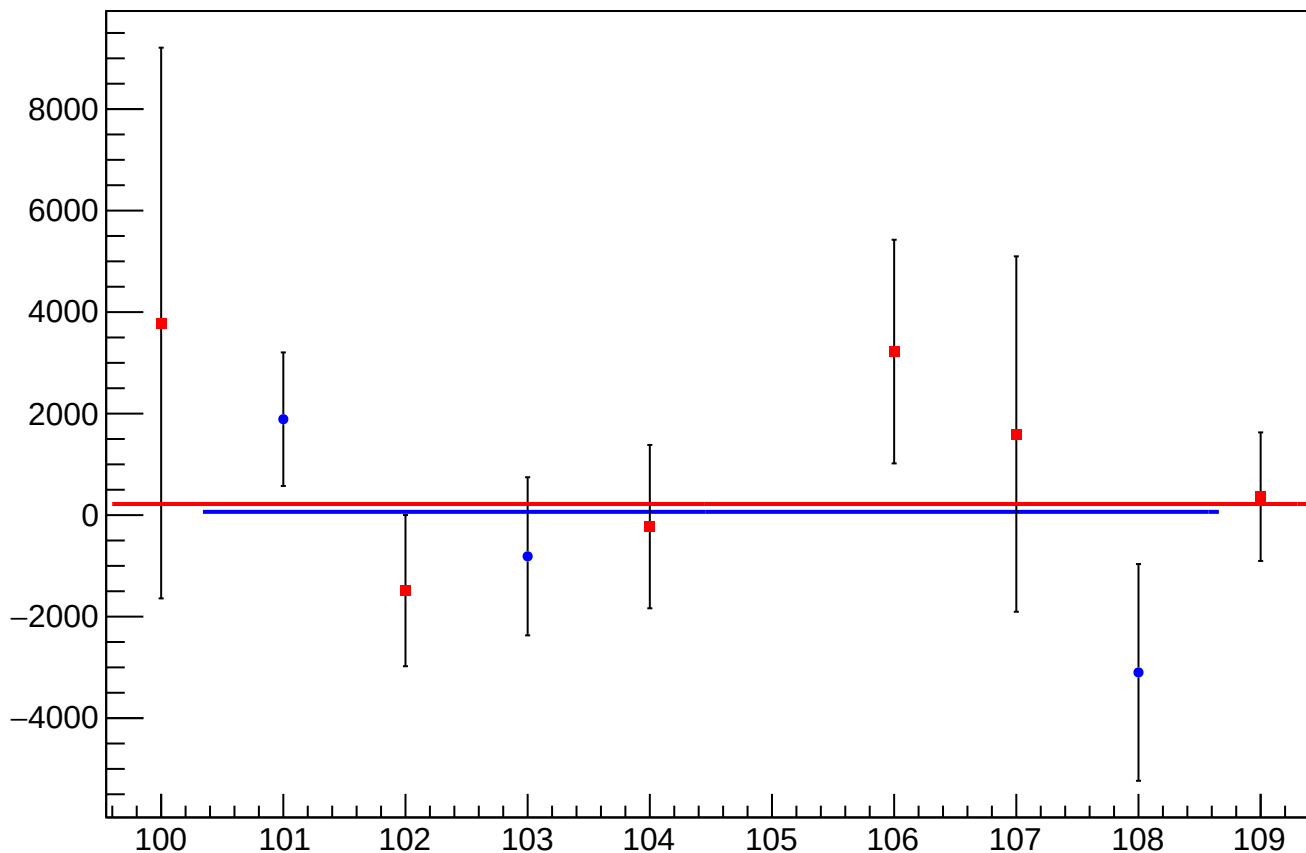
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1341.329+/-0.483 χ^2/NDF : 269826.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_mean vs Slug



Right In: 64.391+/-909.411 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.093+/-749.129 χ^2/NDF : 3.8/5

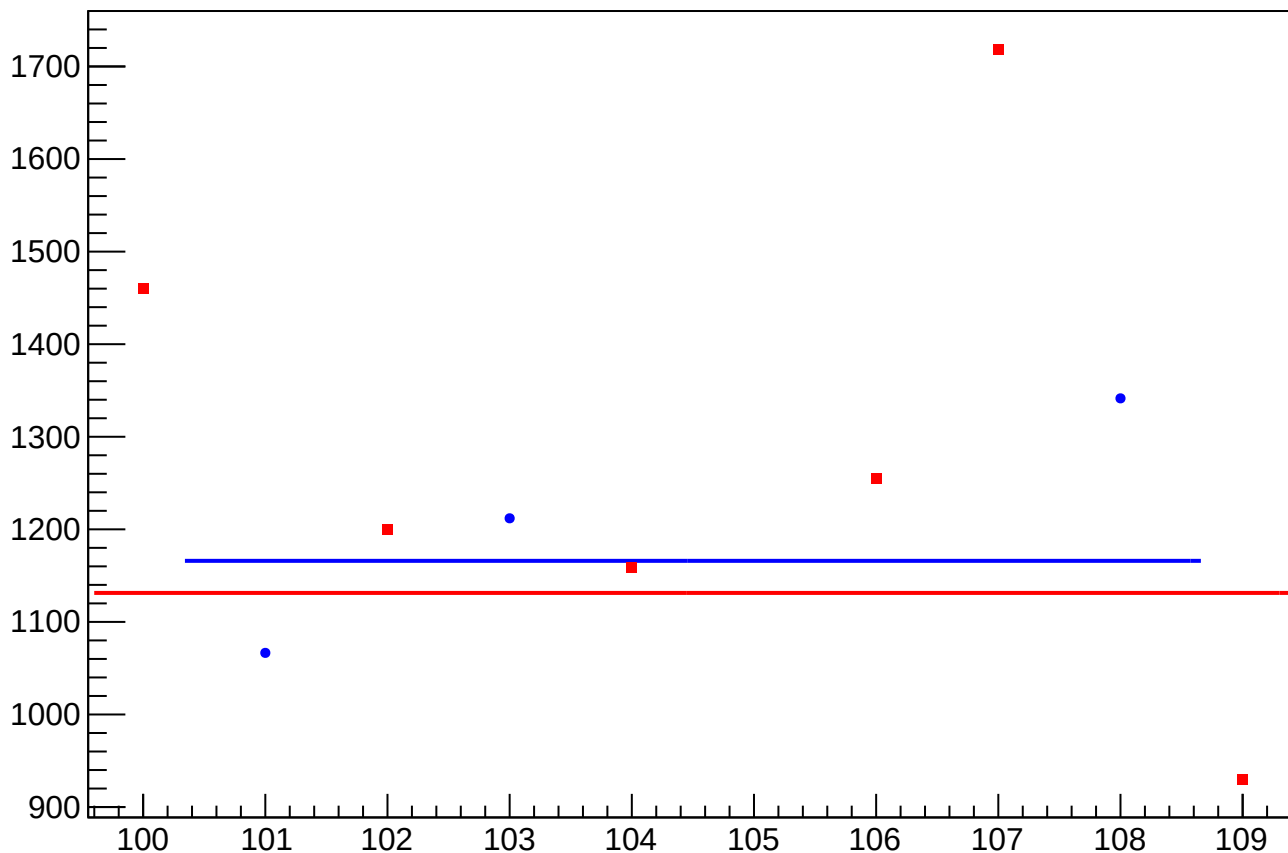
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.554+/-578.212 χ^2/NDF : 8.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs Slug



Right In: 1165.967 $\pm$ 0.643 χ^2 /NDF: 26673.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1131.315 $\pm$ 0.530 χ^2 /NDF: 125469.9/5

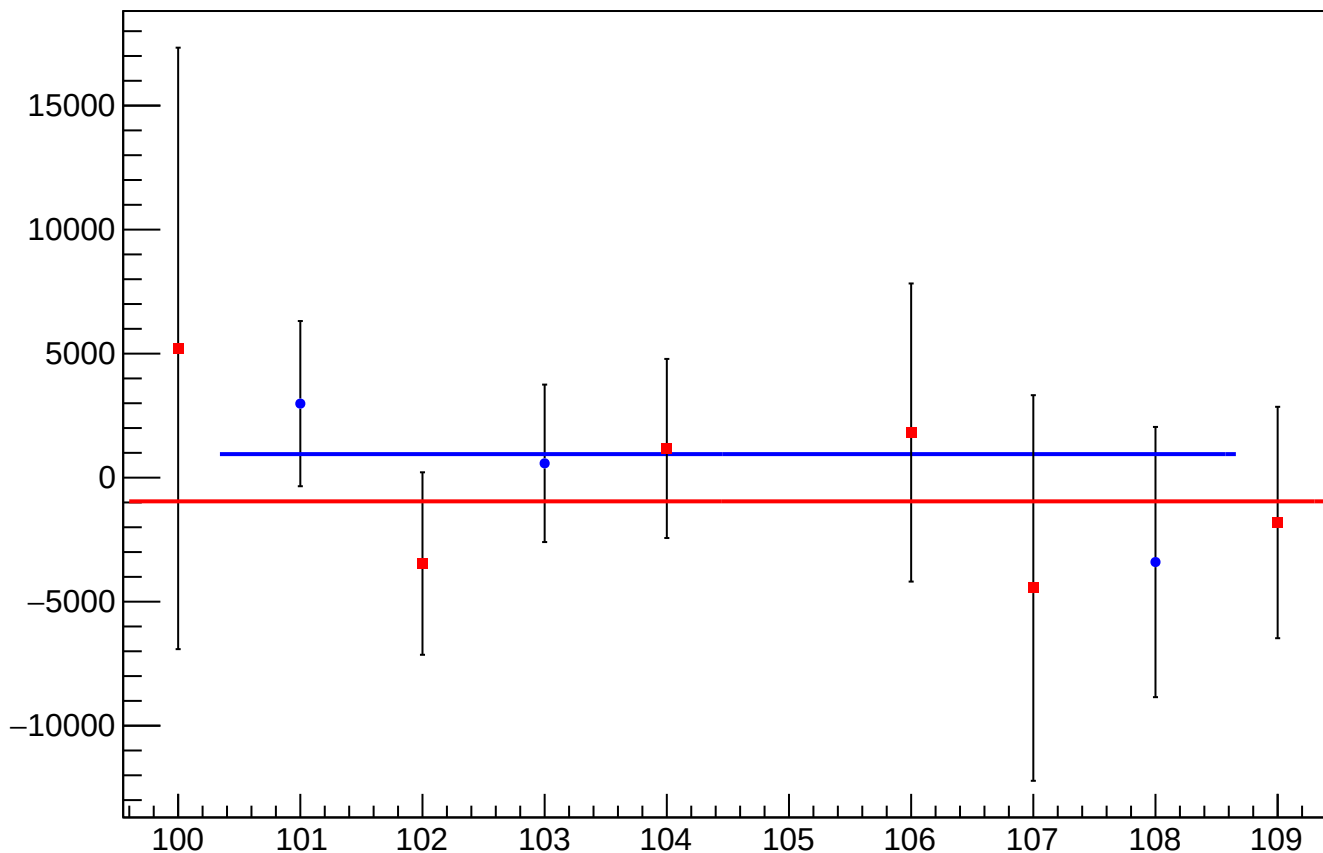
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1145.323 $\pm$ 0.409 χ^2 /NDF: 153873.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_mean vs Slug



Right In: 949.004 $\pm$ 2117.065 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -955.412 $\pm$ 2009.523 χ^2 /NDF: 1.5/5

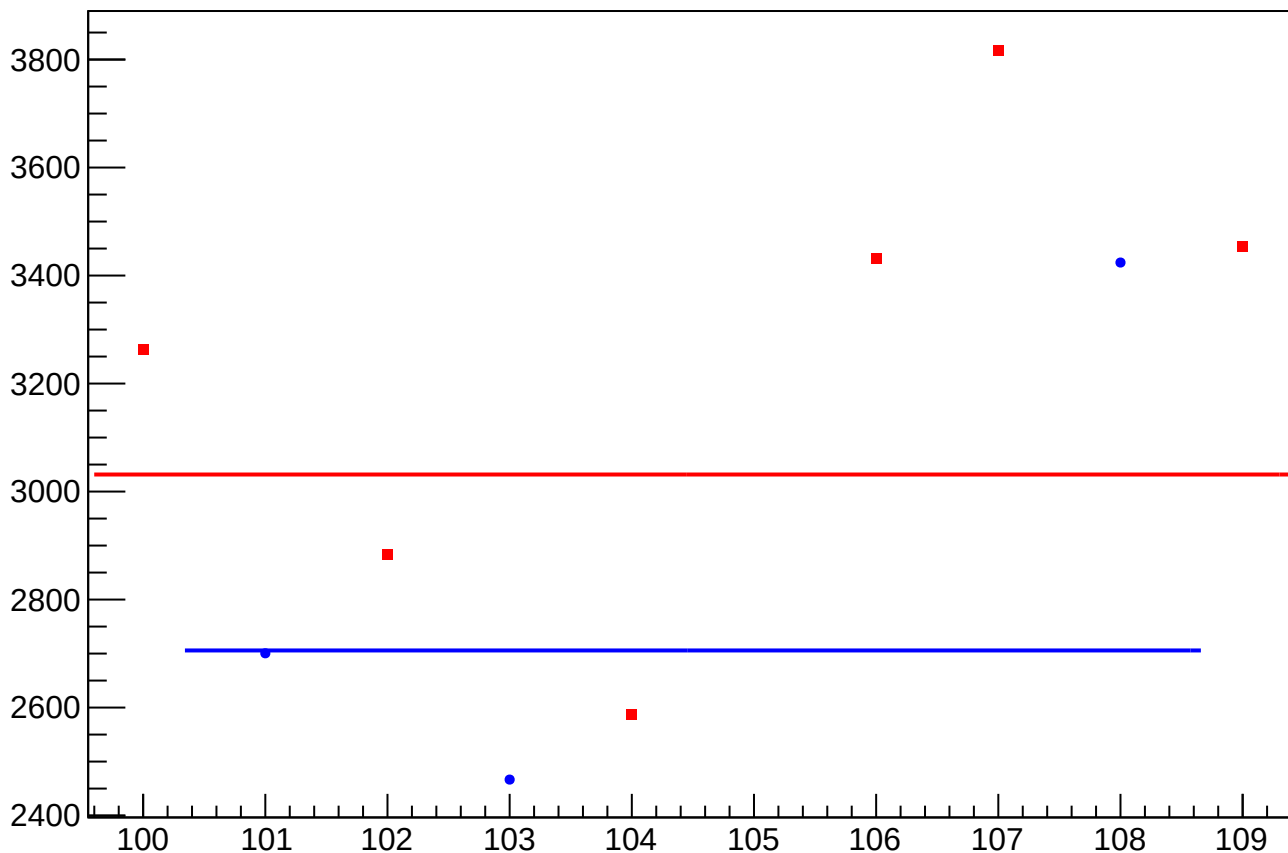
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -52.801 $\pm$ 1457.484 χ^2 /NDF: 3.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_rms vs Slug



Right In: 2705.769 $\pm$ 1.497 χ^2 /NDF: 46134.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3031.573 $\pm$ 1.421 χ^2 /NDF: 79805.2/5

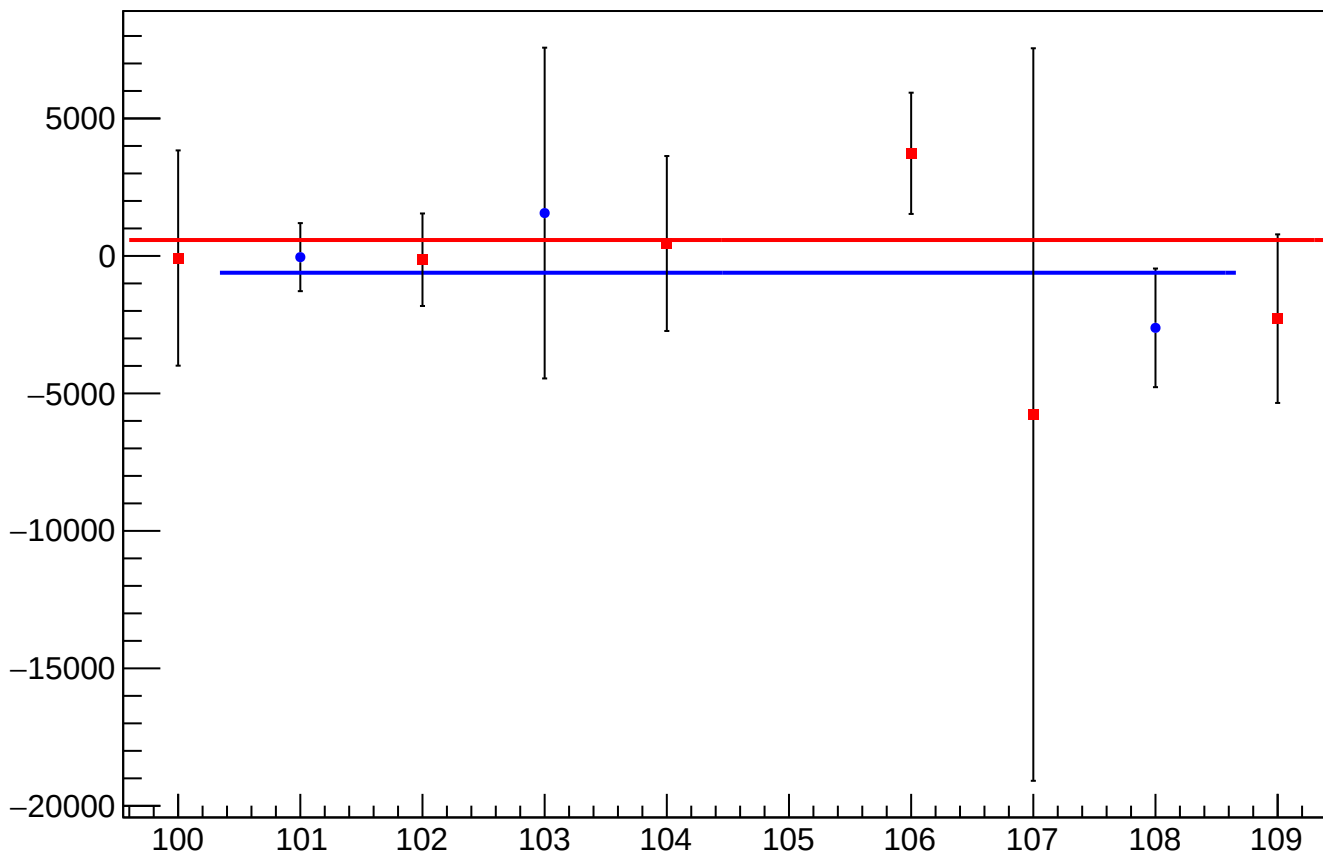
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2877.156 $\pm$ 1.031 χ^2 /NDF: 150857.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_reg_correction_mean vs Slug



Right In: -611.028 $\pm$ 1056.732 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 578.962 $\pm$ 1094.275 χ^2 /NDF: 3.4/5

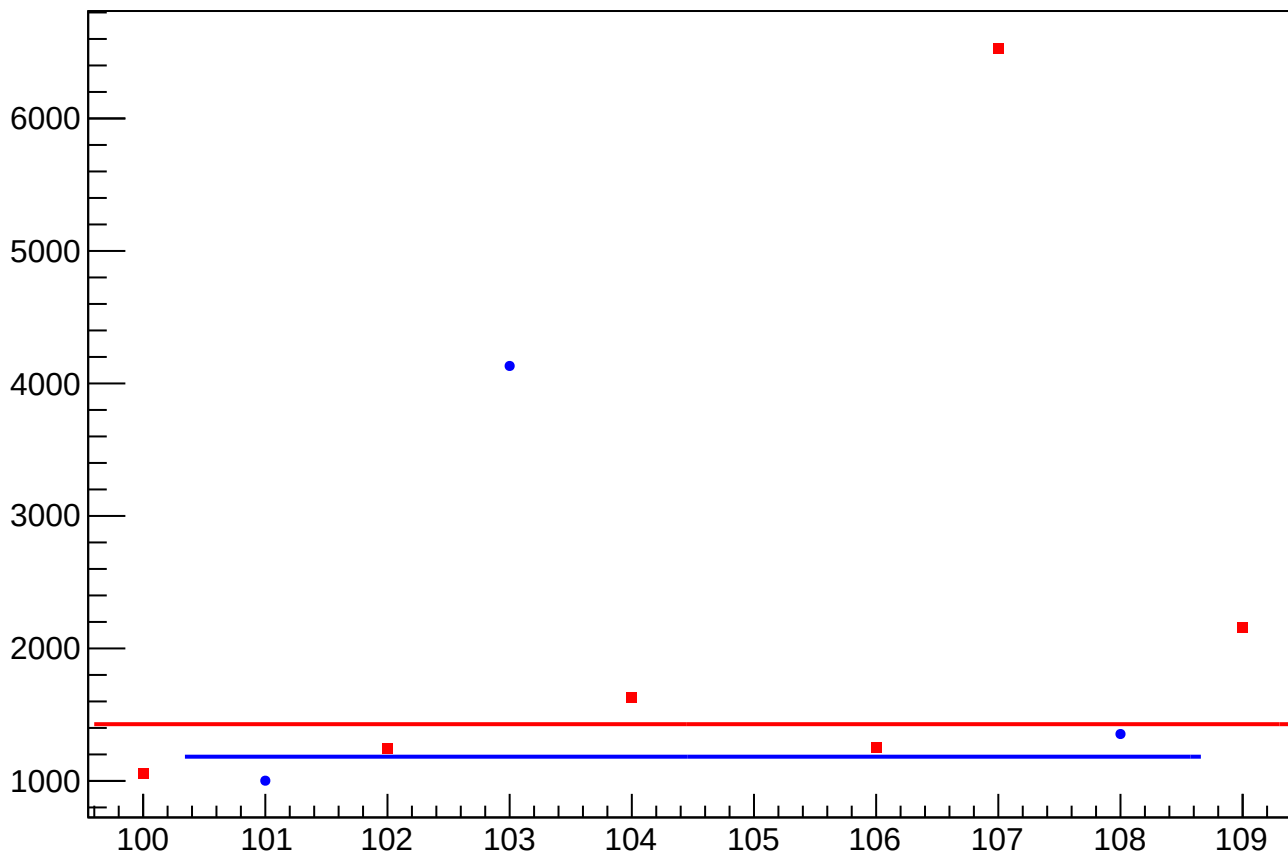
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.796 $\pm$ 760.148 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1183.022+/-0.747 χ^2/NDF : 536149.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1428.371+/-0.774 χ^2/NDF : 470249.4/5

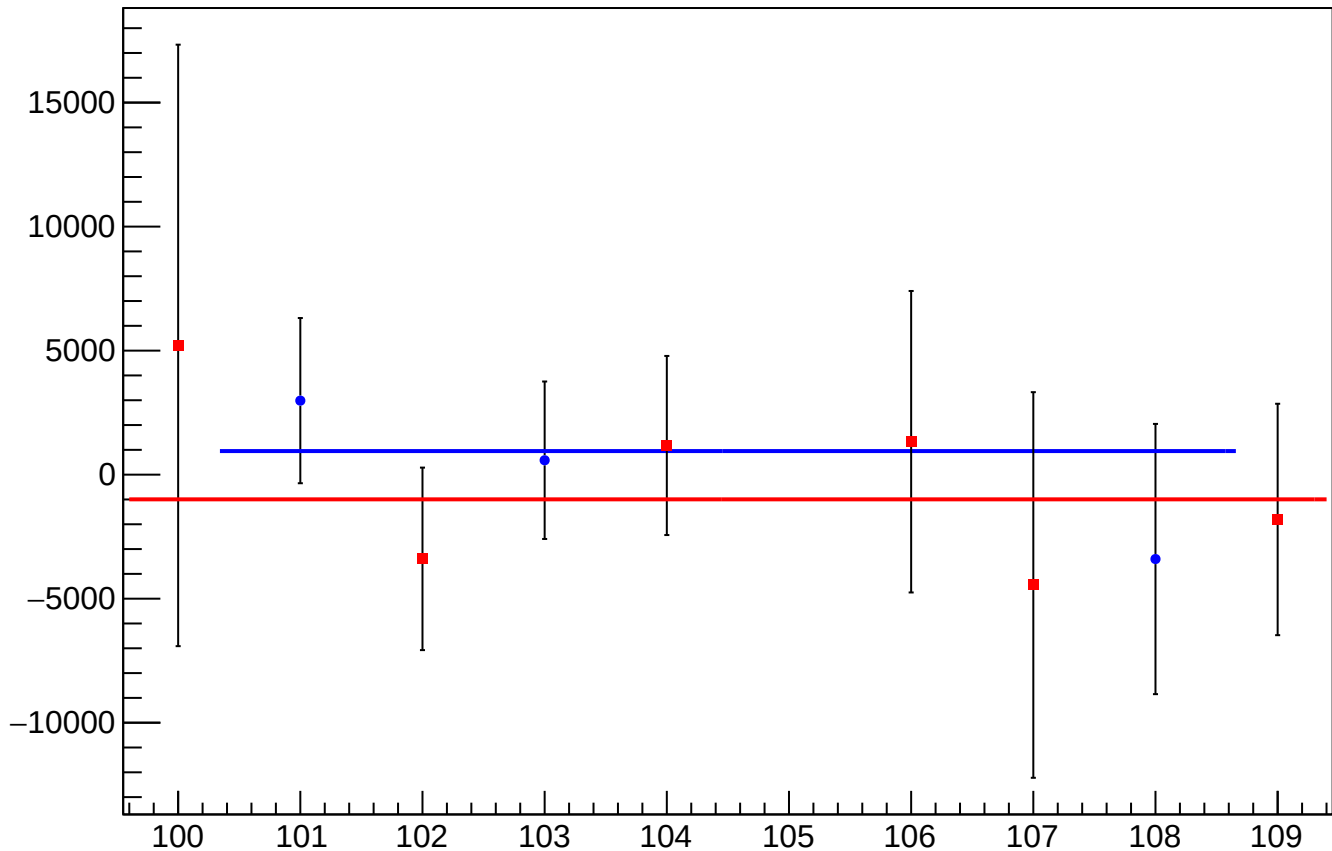
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.415+/-0.538 χ^2/NDF : 1058423.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_mean vs Slug



Right In: 950.775 $\pm$ 2117.066 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -995.443 $\pm$ 2012.079 χ^2 /NDF: 1.4/5

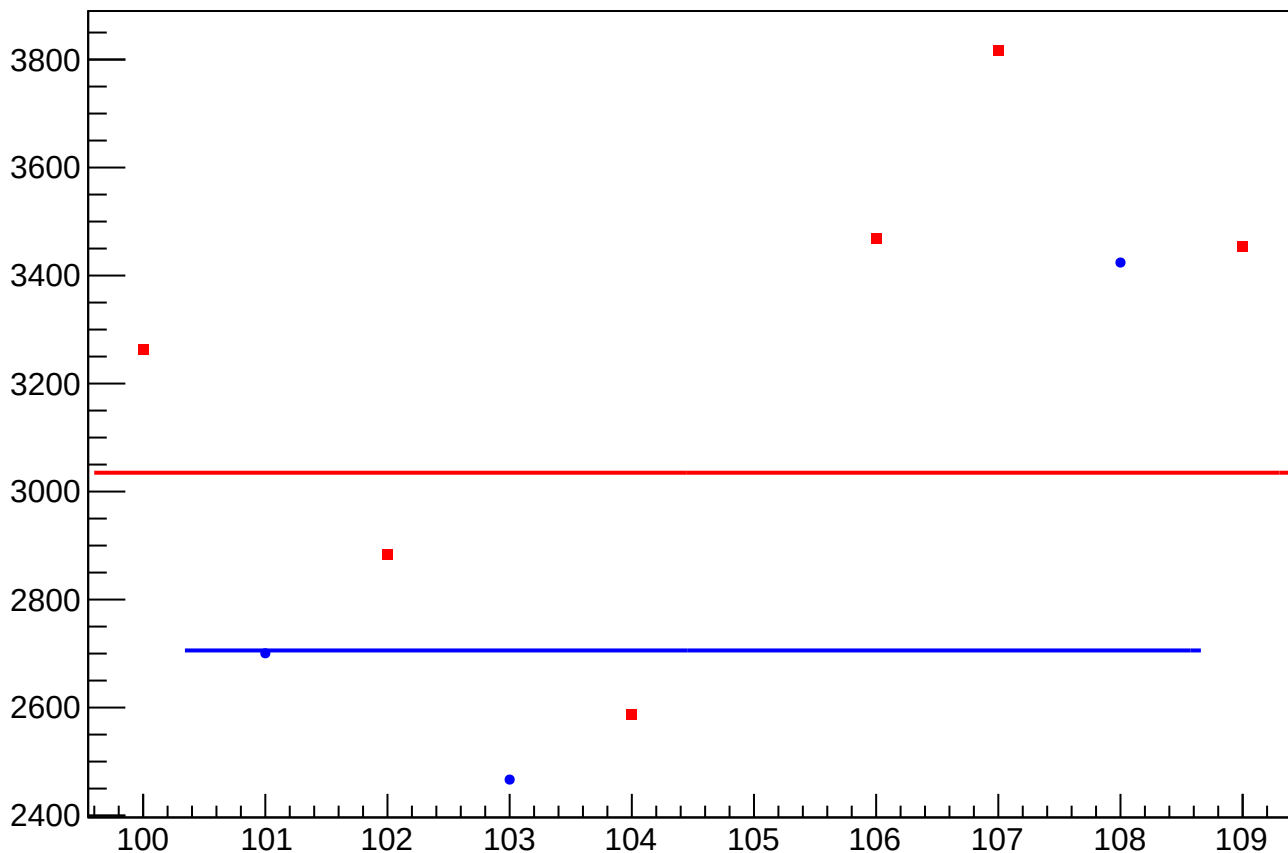
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -71.786 $\pm$ 1458.458 χ^2 /NDF: 2.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2705.770 $\pm$ 1.497 χ^2 /NDF: 46134.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3034.875 $\pm$ 1.423 χ^2 /NDF: 81310.5/5

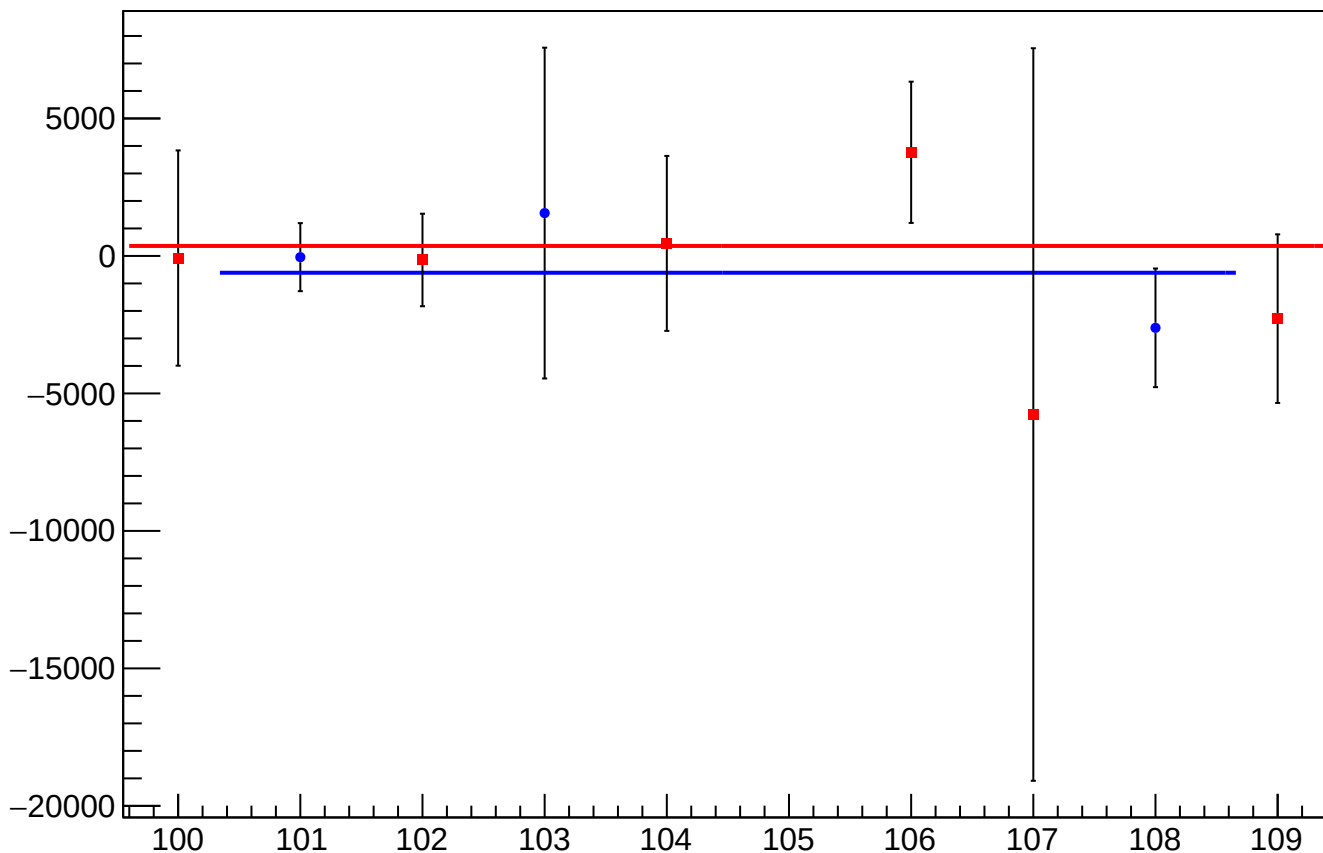
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2878.685 $\pm$ 1.031 χ^2 /NDF: 152839.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_cor_correction_mean vs Slug



Right In: -611.000+/-1056.722 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.217+/-1131.584 χ^2/NDF : 2.8/5

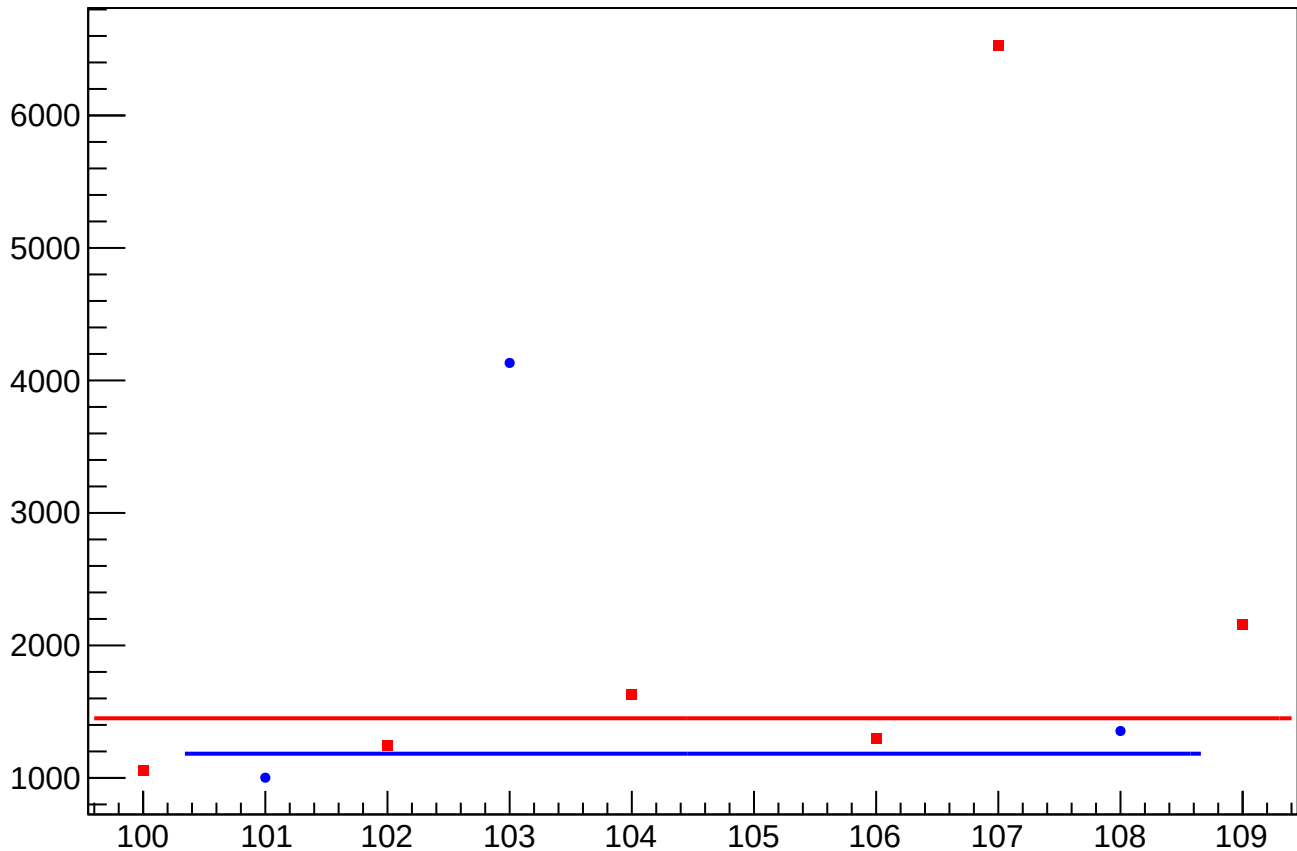
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -156.714+/-772.326 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_rms vs Slug



Right In: 1183.003+/-0.747 χ^2/NDF : 536145.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.226+/-0.800 χ^2/NDF : 461528.0/5

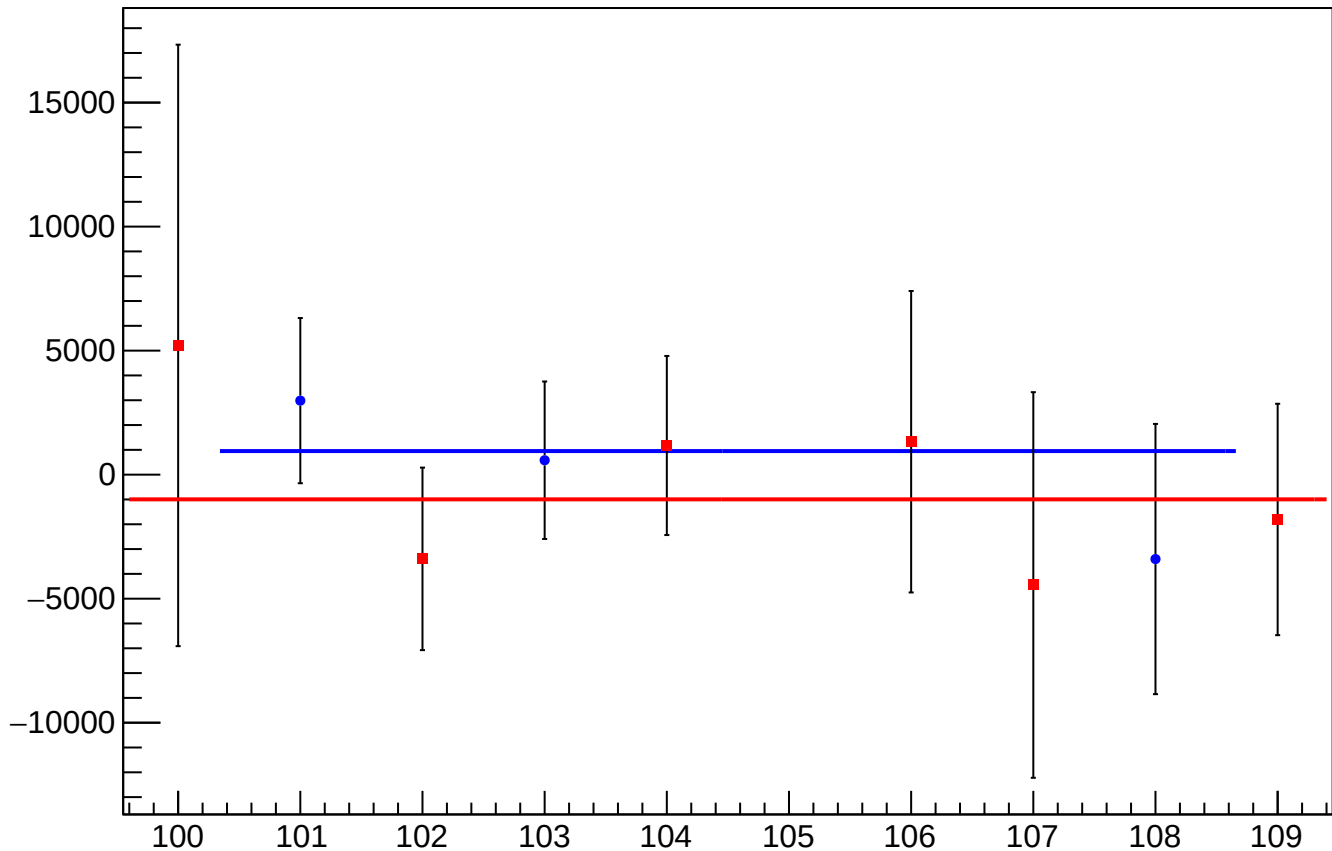
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.484+/-0.546 χ^2/NDF : 1057251.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1_mean vs Slug



Right In: 950.775 $\pm$ 2117.066 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -995.443 $\pm$ 2012.079 χ^2 /NDF: 1.4/5

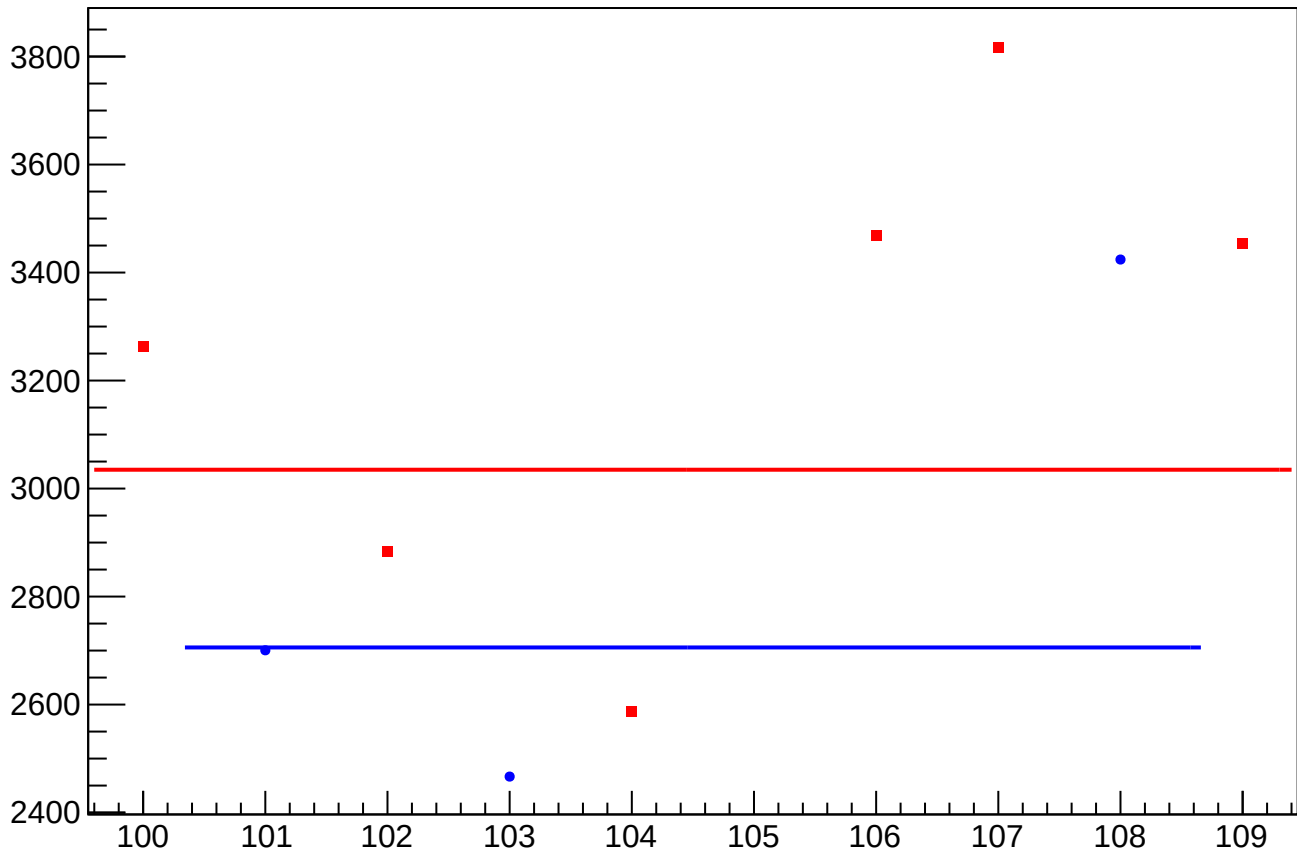
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -71.786 $\pm$ 1458.458 χ^2 /NDF: 2.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1_rms vs Slug



Right In: 2705.770+/-1.497 χ^2/NDF : 46134.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3034.875+/-1.423 χ^2/NDF : 81310.5/5

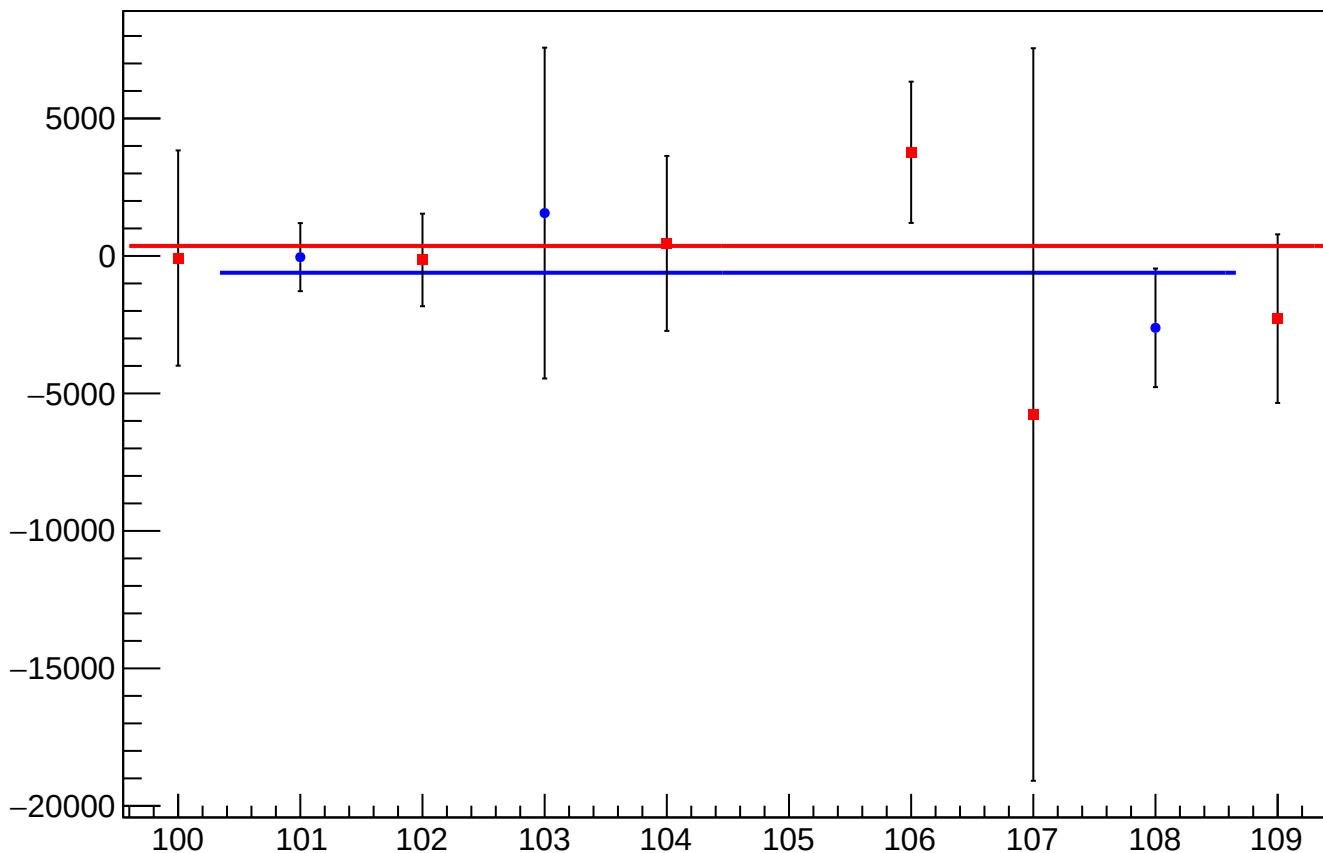
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2878.685+/-1.031 χ^2/NDF : 152839.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: -611.000+/-1056.722 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.217+/-1131.584 χ^2/NDF : 2.8/5

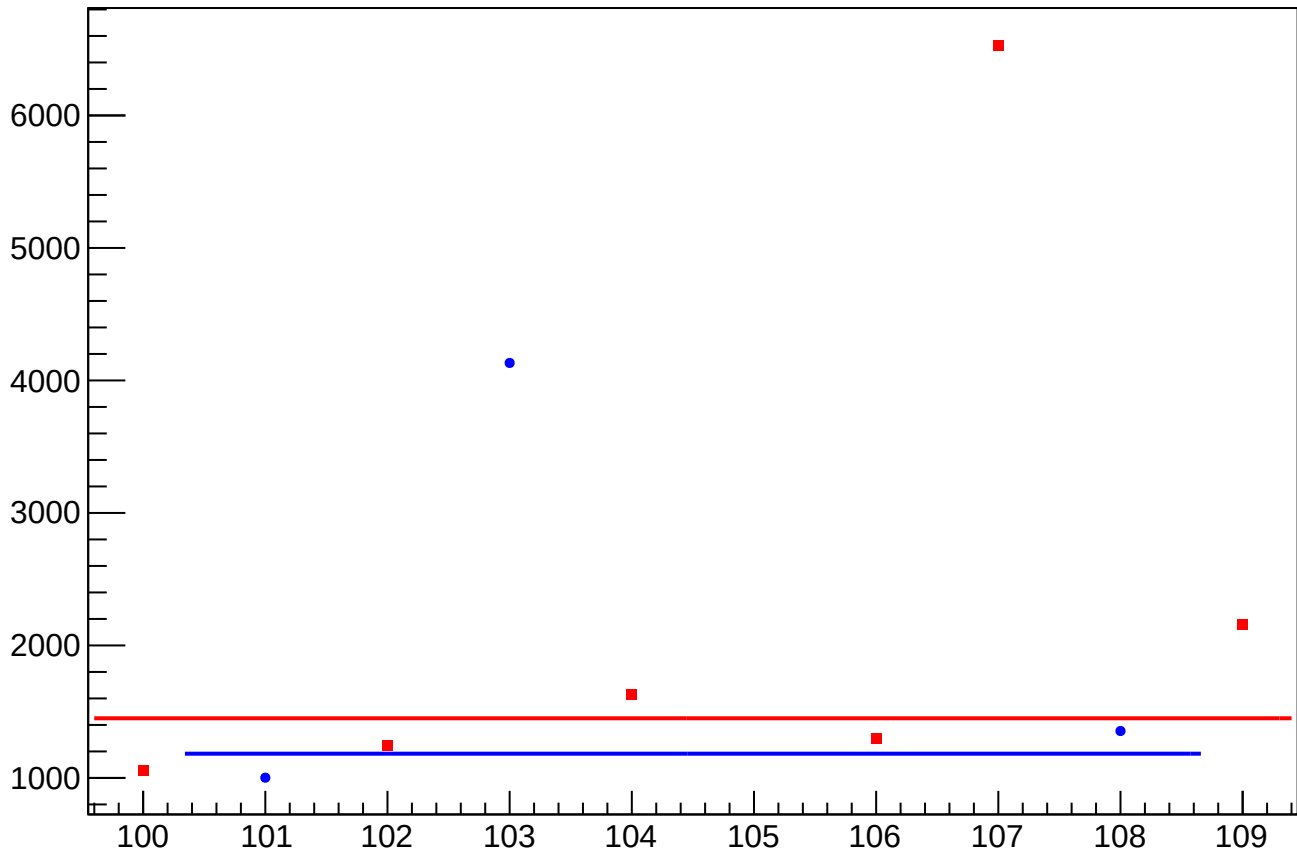
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -156.714+/-772.326 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1183.003+/-0.747 χ^2/NDF : 536145.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.226+/-0.800 χ^2/NDF : 461528.0/5

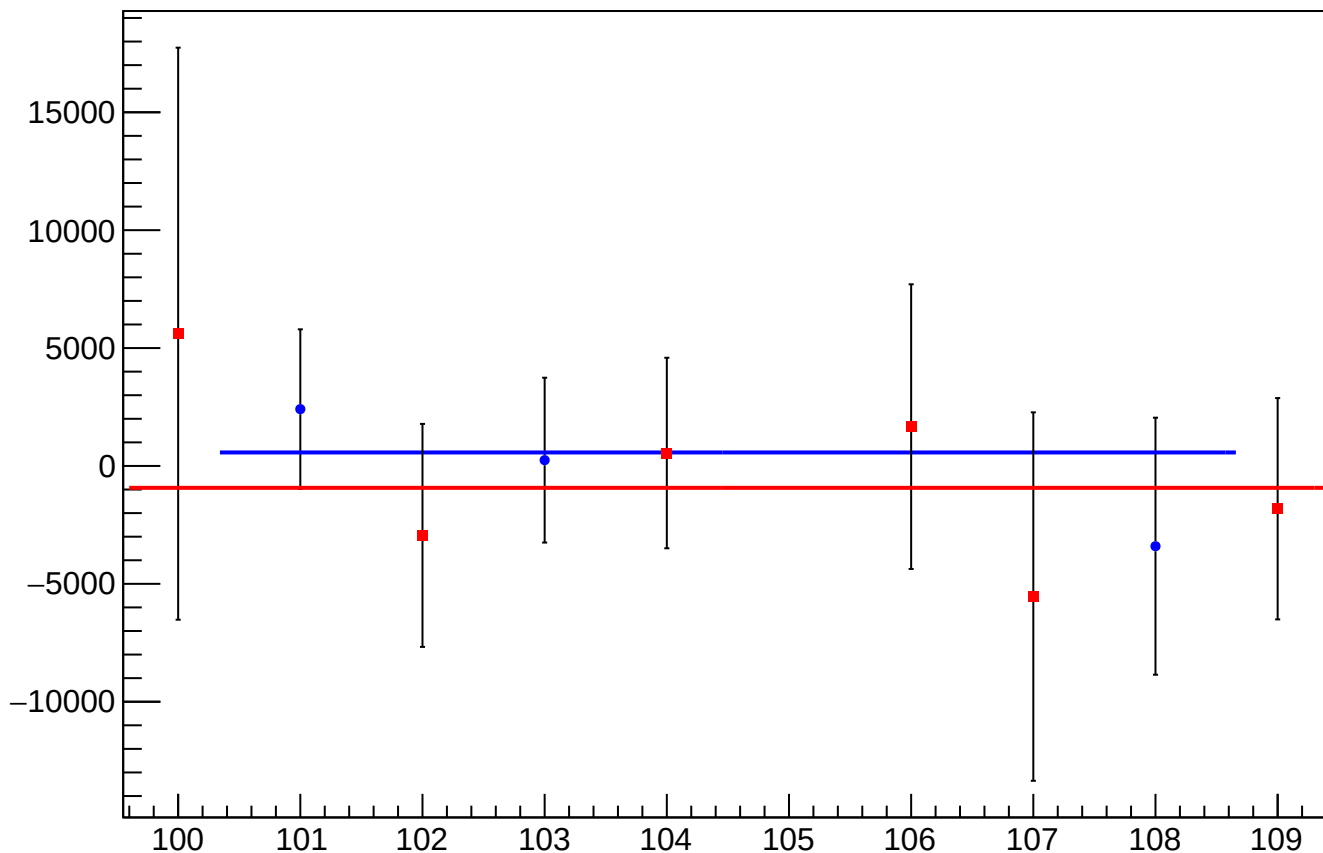
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1307.484+/-0.546 χ^2/NDF : 1057251.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_mean vs Slug



Right In: 572.196 $\pm$ 2220.512 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -927.945 $\pm$ 2225.020 χ^2 /NDF: 1.2/5

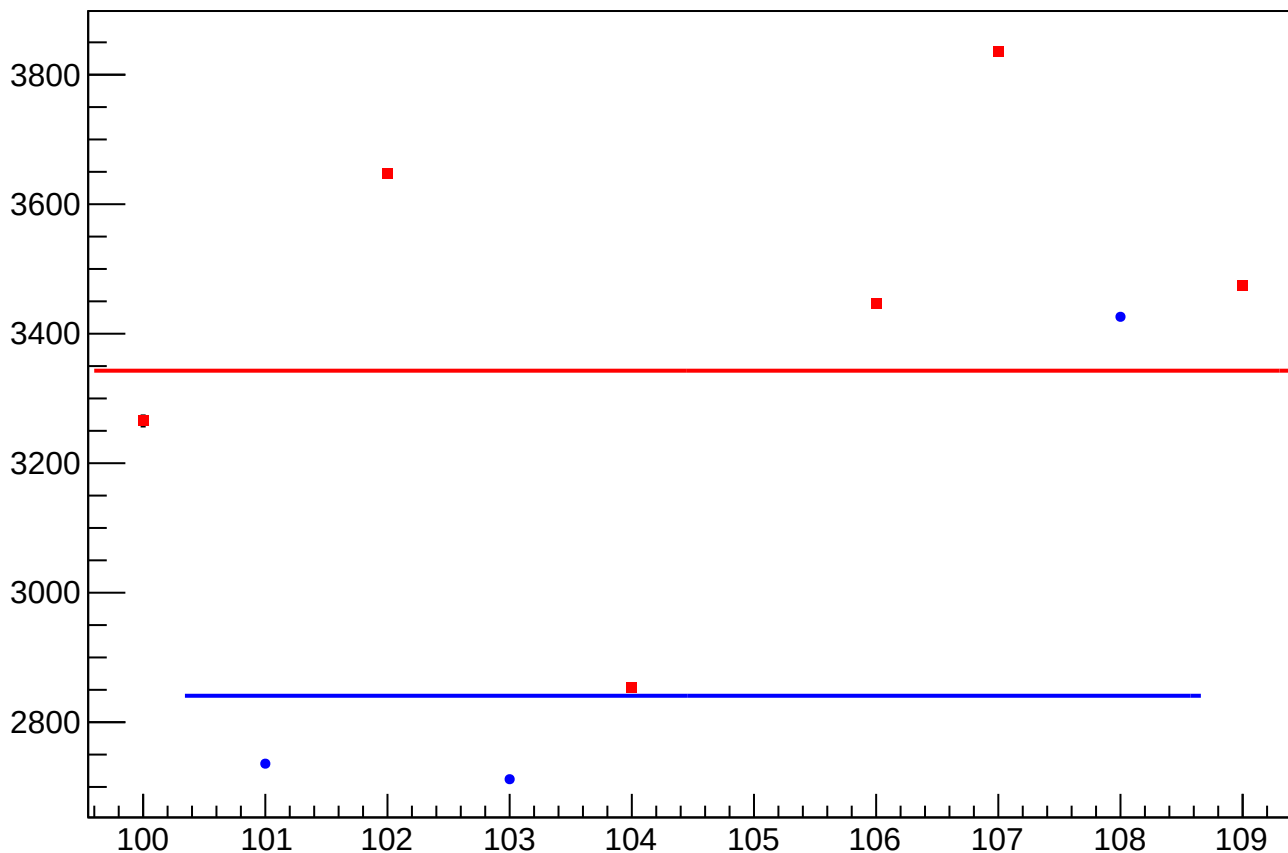
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -176.353 $\pm$ 1571.730 χ^2 /NDF: 2.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1_rms vs Slug



Right In: 2840.836 $\pm$ 1.570 χ^2 /NDF: 27699.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3342.890 $\pm$ 1.573 χ^2 /NDF: 47940.0/5

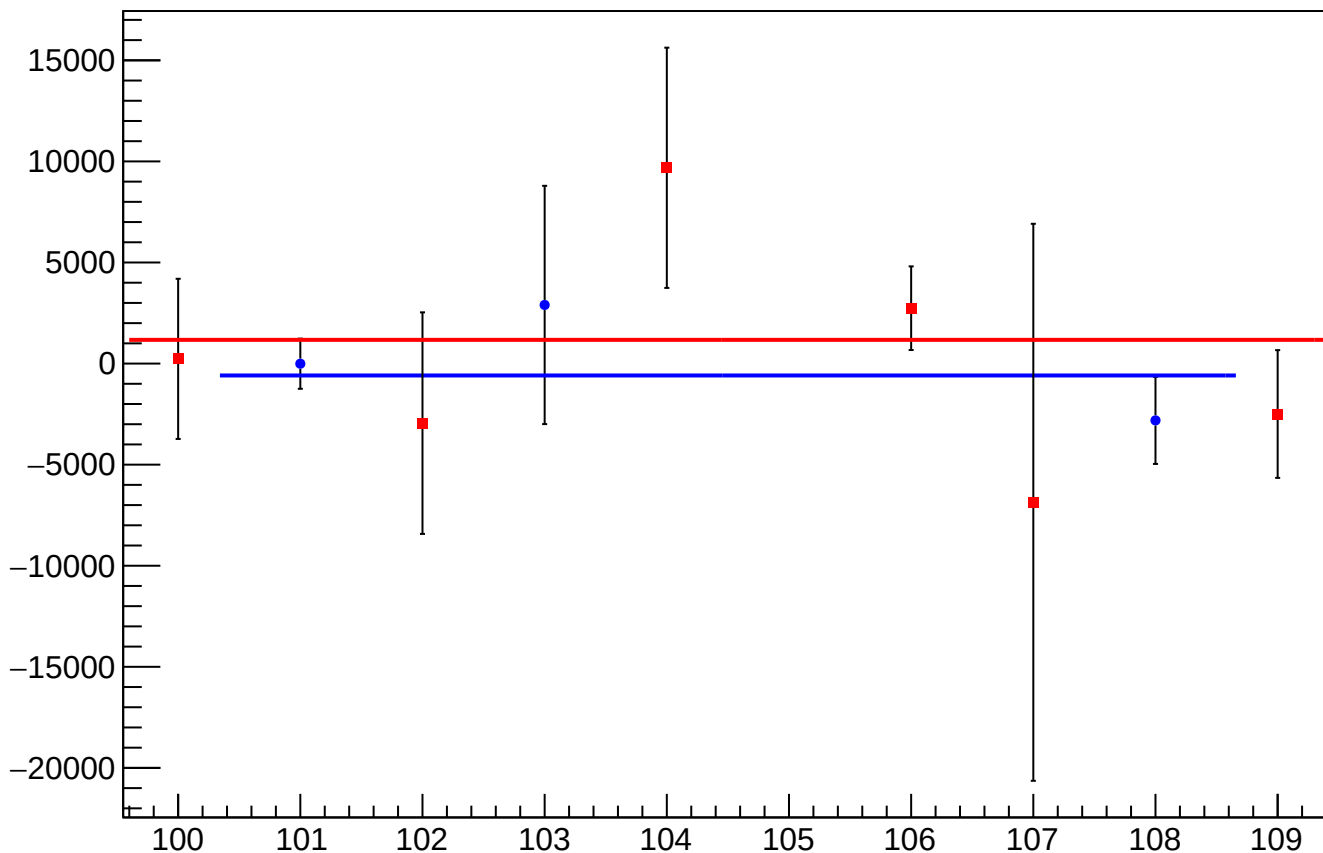
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3091.354 $\pm$ 1.111 χ^2 /NDF: 126656.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_dit_correction_mean vs Slug



Right In: -588.776+/-1057.546 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.036+/-1467.324 χ^2/NDF : 4.9/5

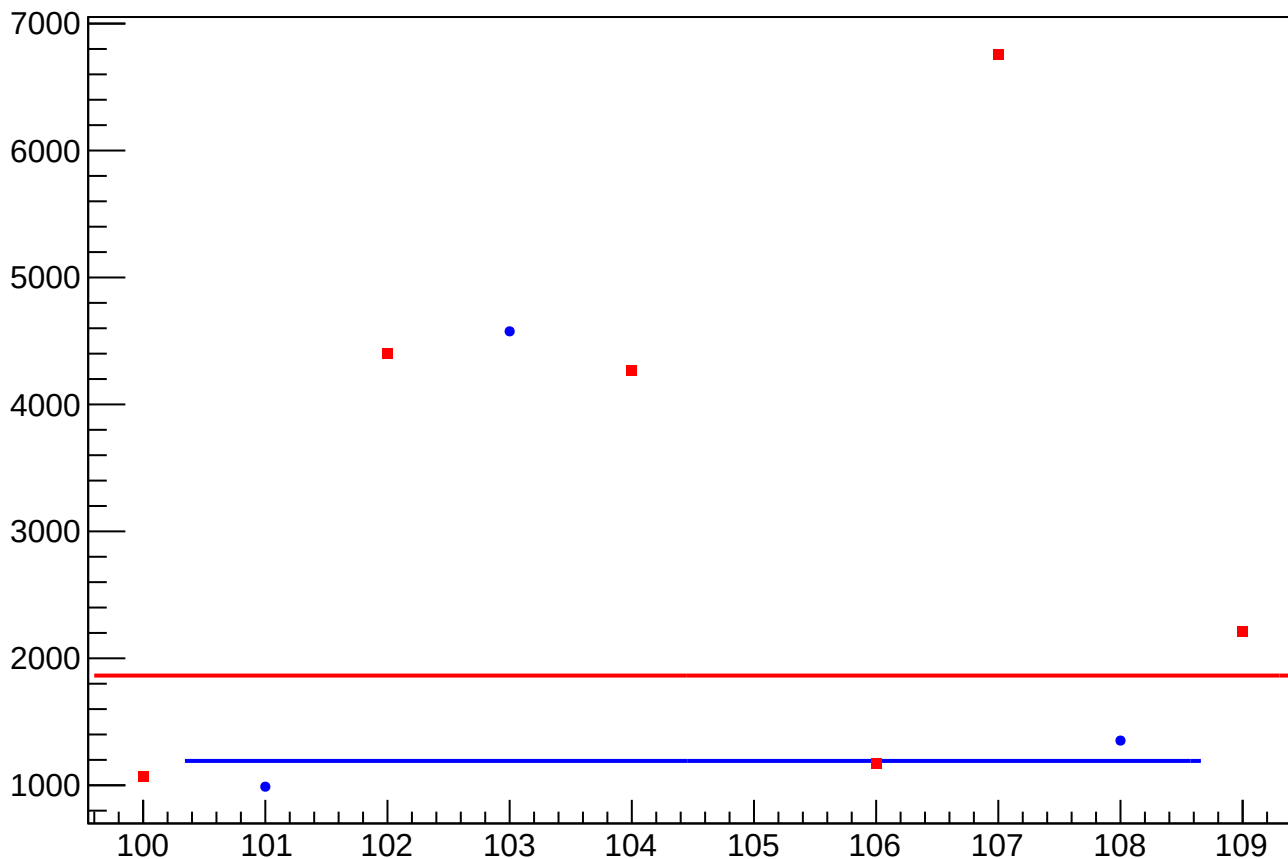
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.532+/-857.938 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1191.850+/-0.748 χ^2/NDF : 723970.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.283+/-1.038 χ^2/NDF : 1336365.7/5

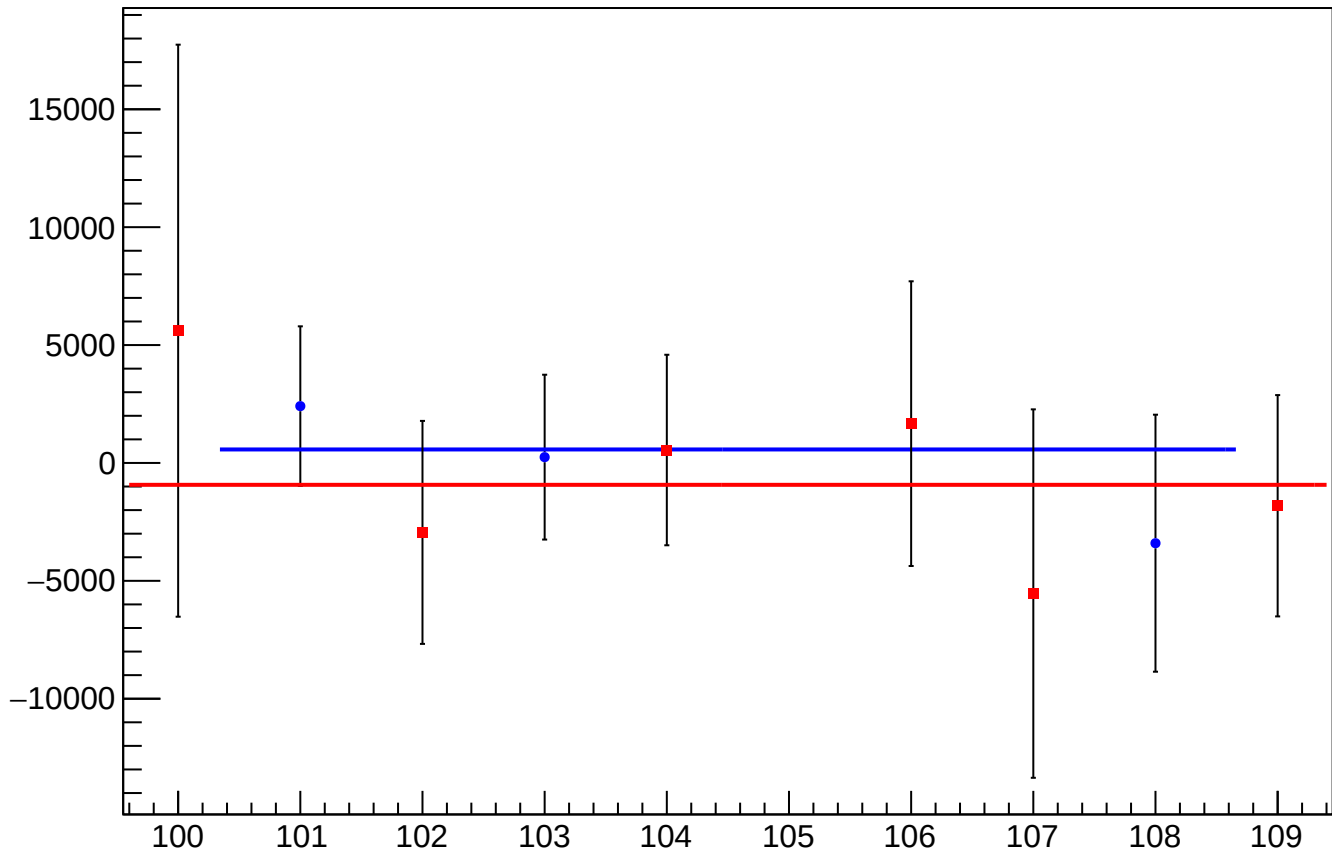
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.734+/-0.607 χ^2/NDF : 2336767.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1_mean vs Slug



Right In: 572.189+/-2220.510 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -927.936+/-2225.018 χ^2/NDF : 1.2/5

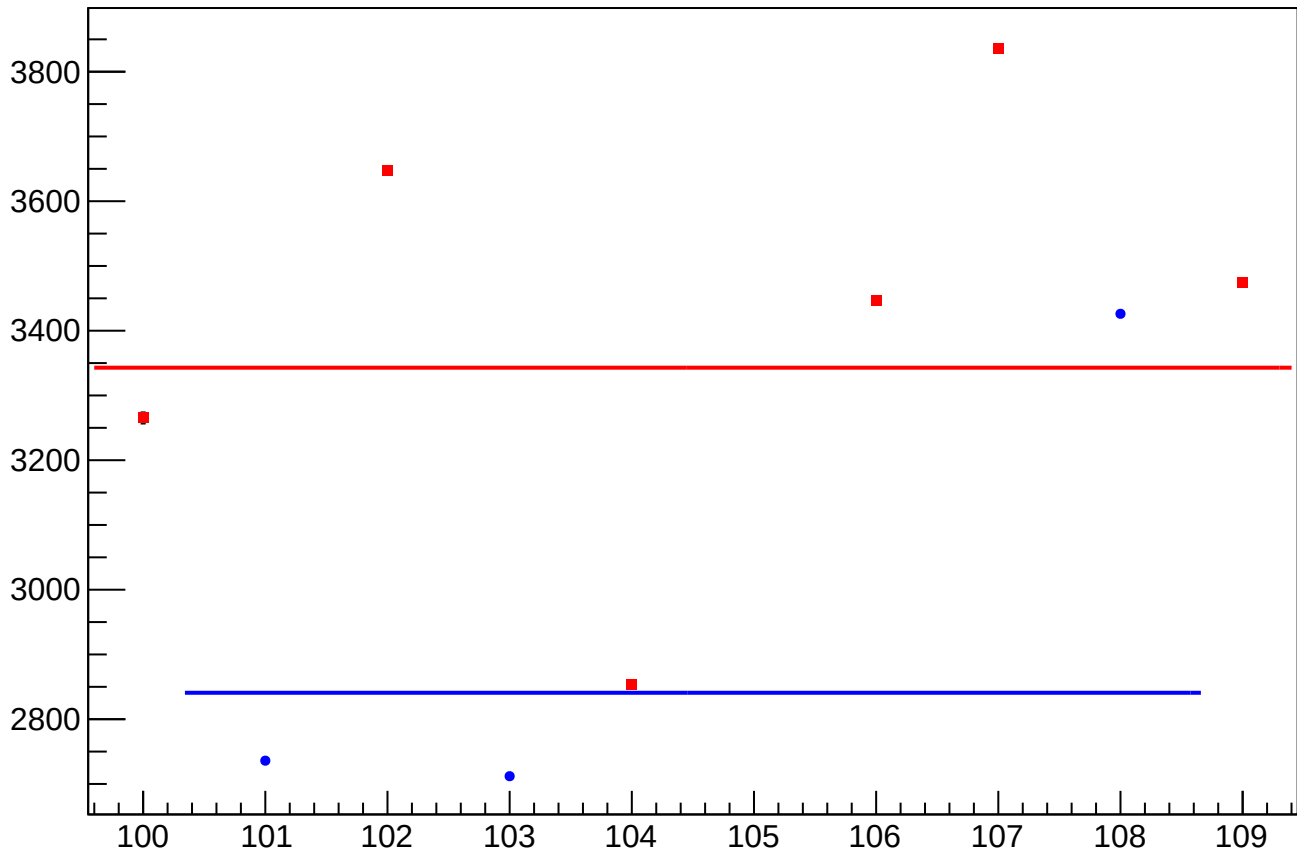
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.353+/-1571.729 χ^2/NDF : 2.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1_rms vs Slug



Right In: 2840.834 $\pm$ 1.570 χ^2 /NDF: 27699.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3342.887 $\pm$ 1.573 χ^2 /NDF: 47940.6/5

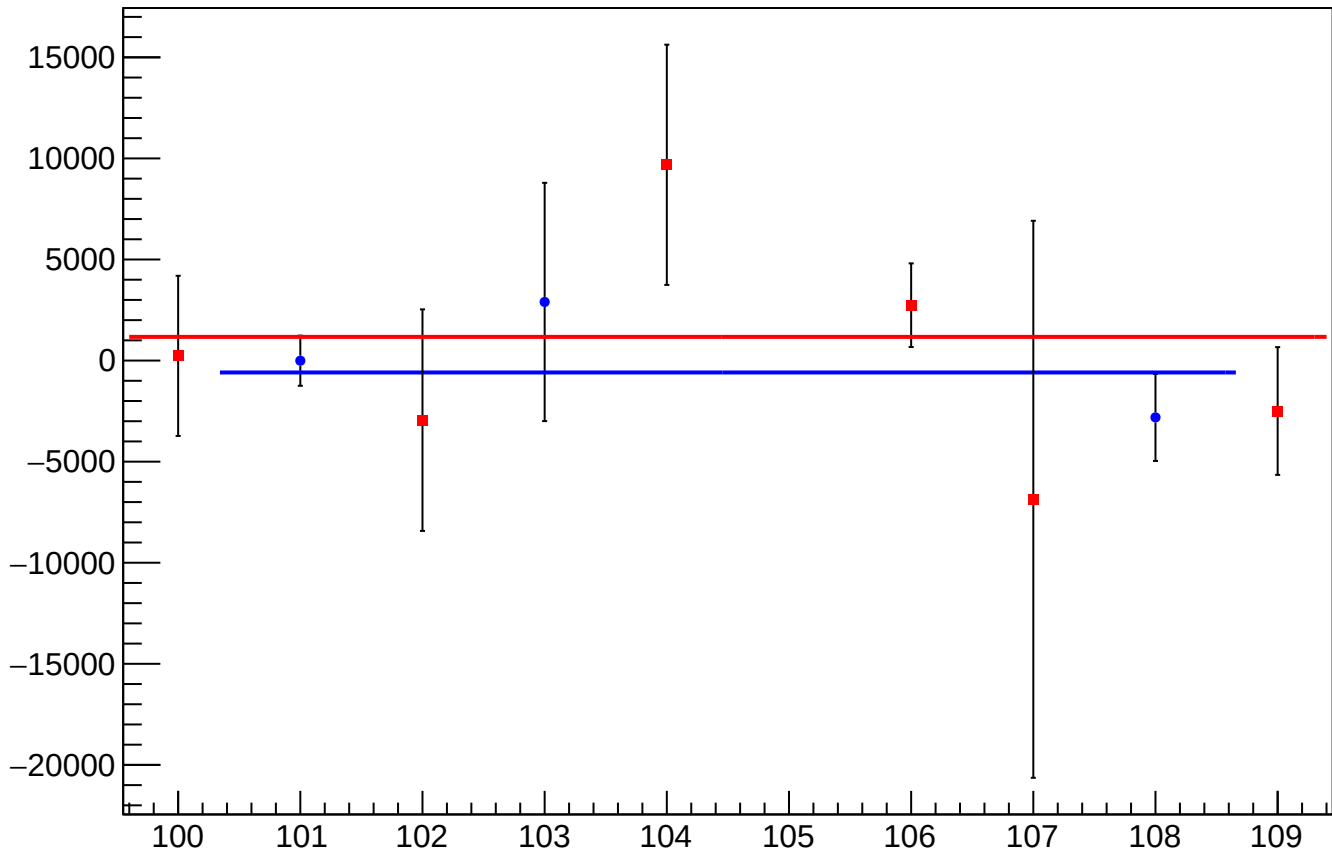
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3091.351 $\pm$ 1.111 χ^2 /NDF: 126657.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_eigen_dit_correction_mean vs Slug



Right In: -588.784+/-1057.546 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1173.032+/-1467.323 χ^2/NDF : 4.9/5

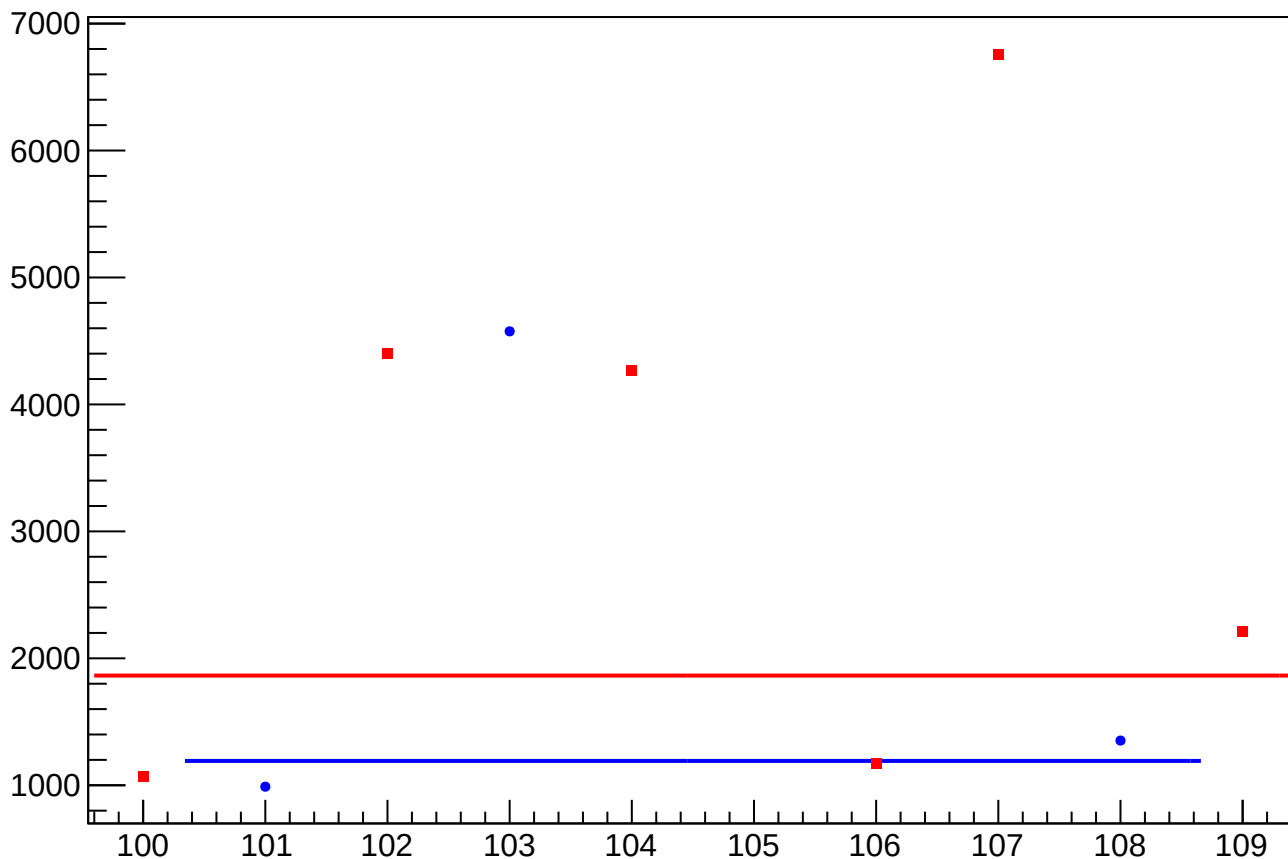
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.526+/-857.937 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 1191.850+/-0.748 χ^2/NDF : 723970.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.280+/-1.038 χ^2/NDF : 1336368.7/5

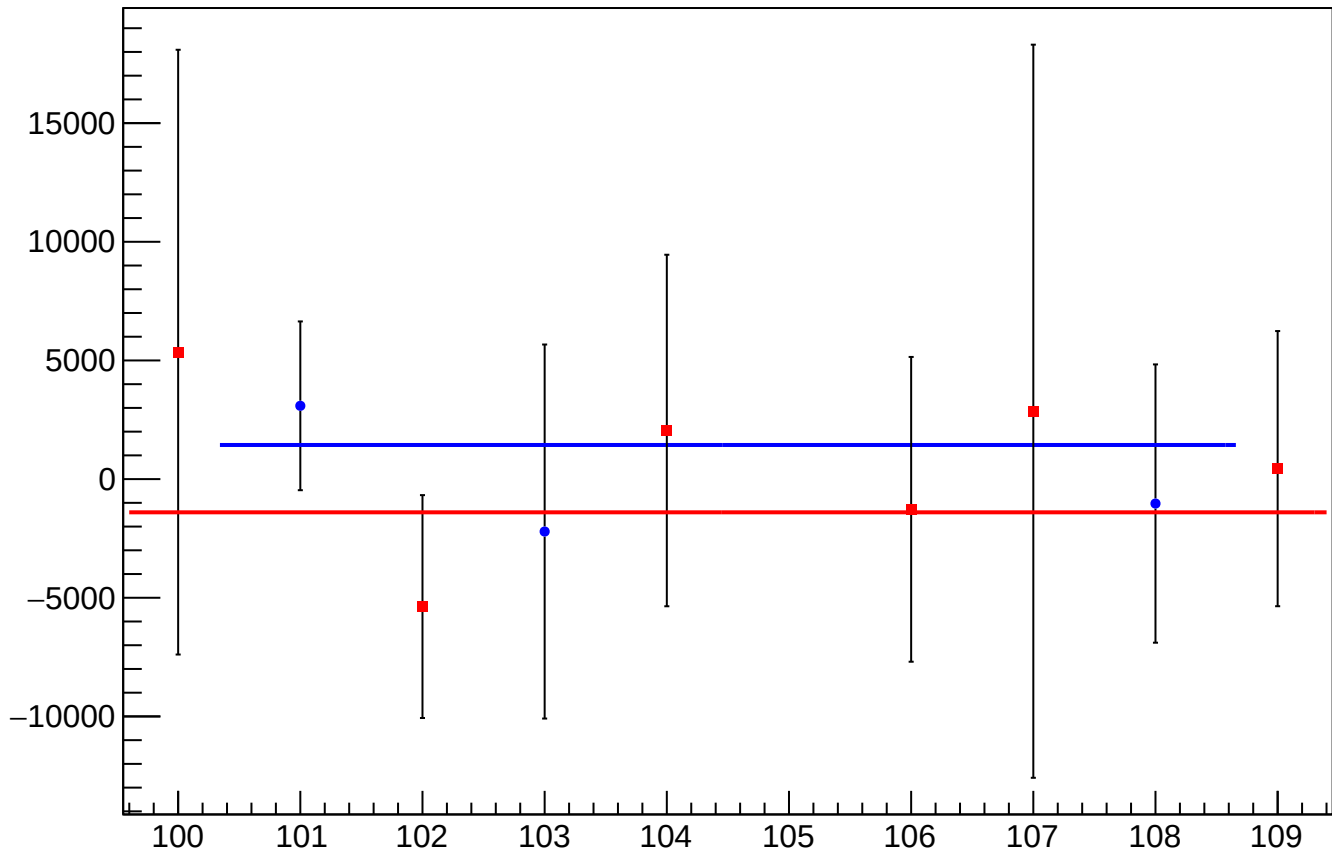
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.733+/-0.607 χ^2/NDF : 2336769.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug



Right In: 1438.116 $\pm$ 2836.559 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1399.505 $\pm$ 2795.831 χ^2 /NDF: 1.4/5

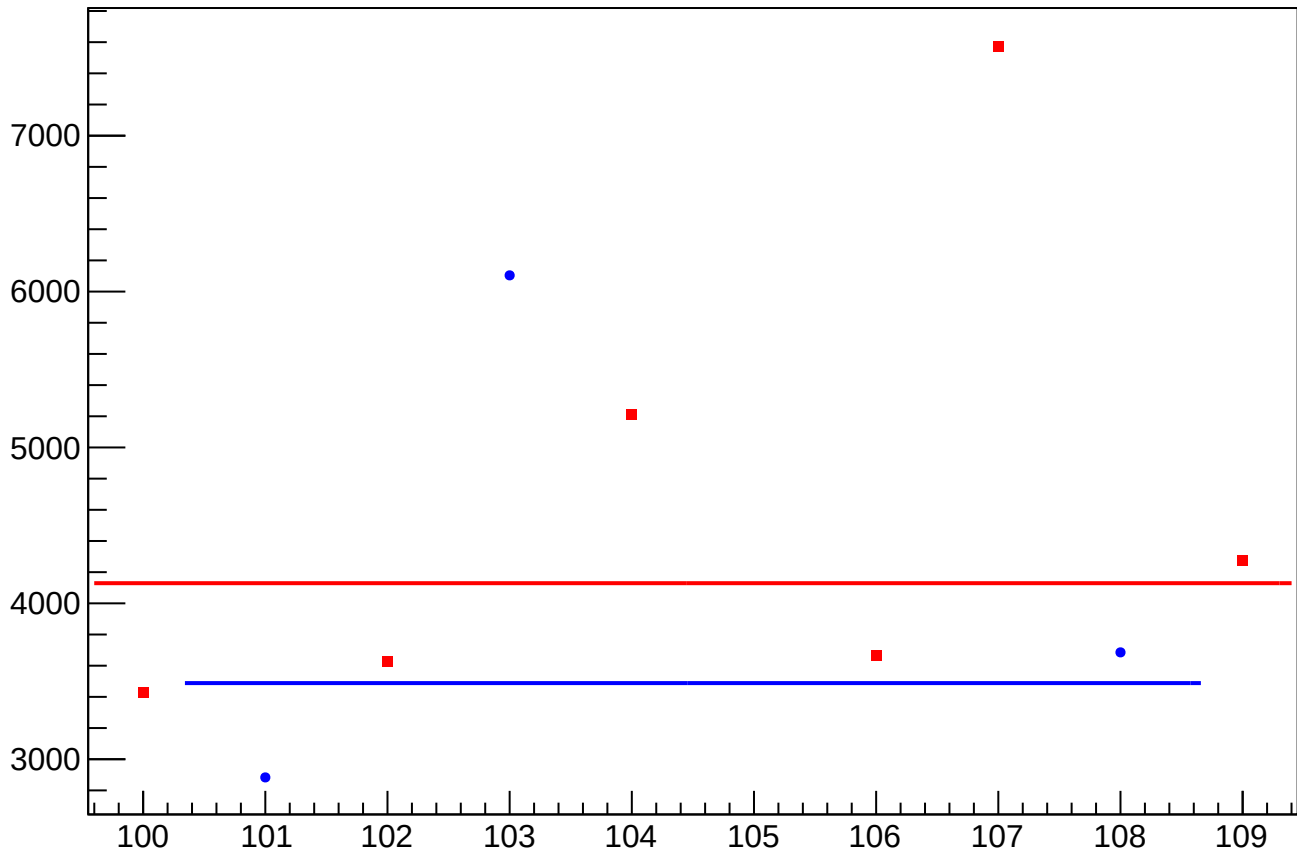
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.212 $\pm$ 1991.194 χ^2 /NDF: 2.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_rms vs Slug



Right In: 3488.360+/-2.006 χ^2/NDF : 280510.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4129.309+/-1.977 χ^2/NDF : 182918.2/5

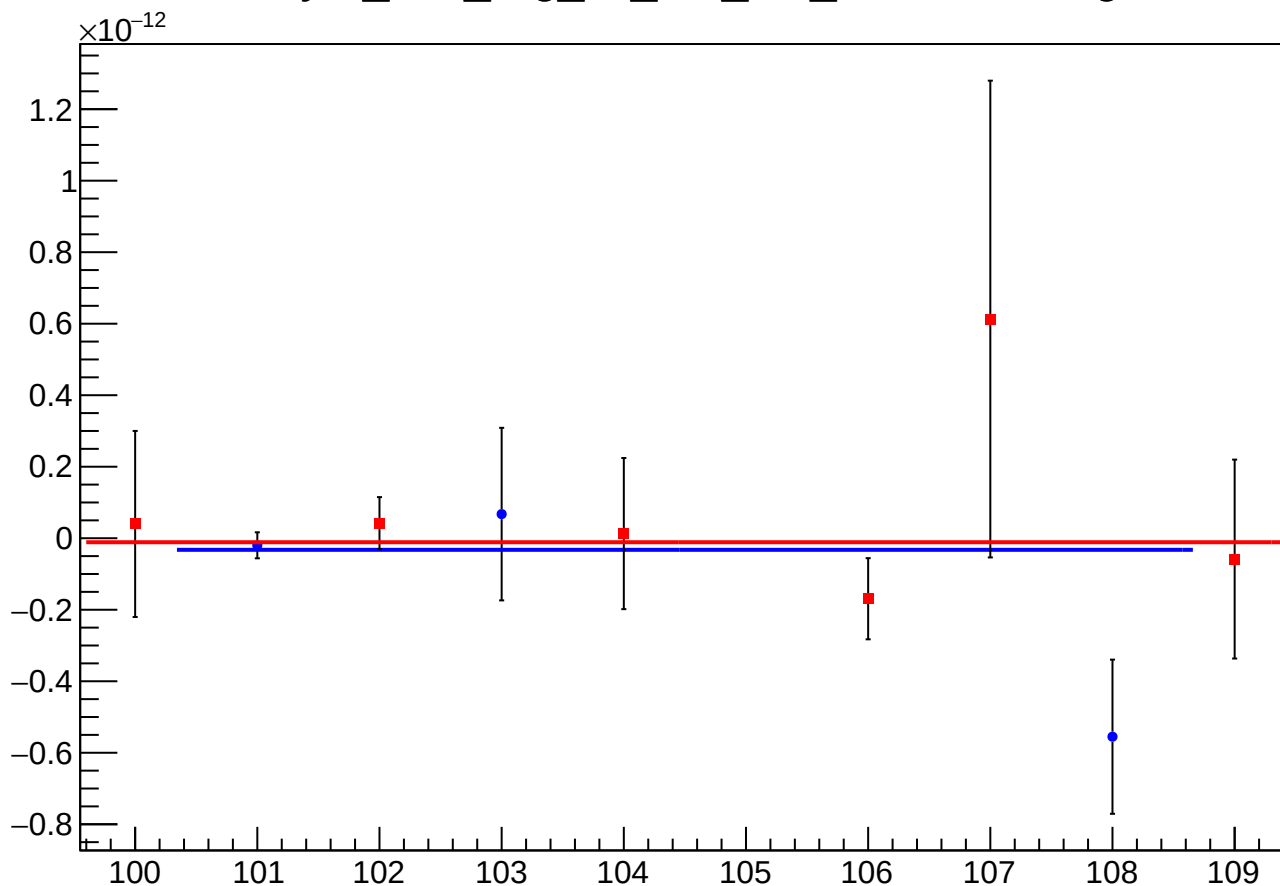
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3813.469+/-1.408 χ^2/NDF : 515224.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 6.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.4/5

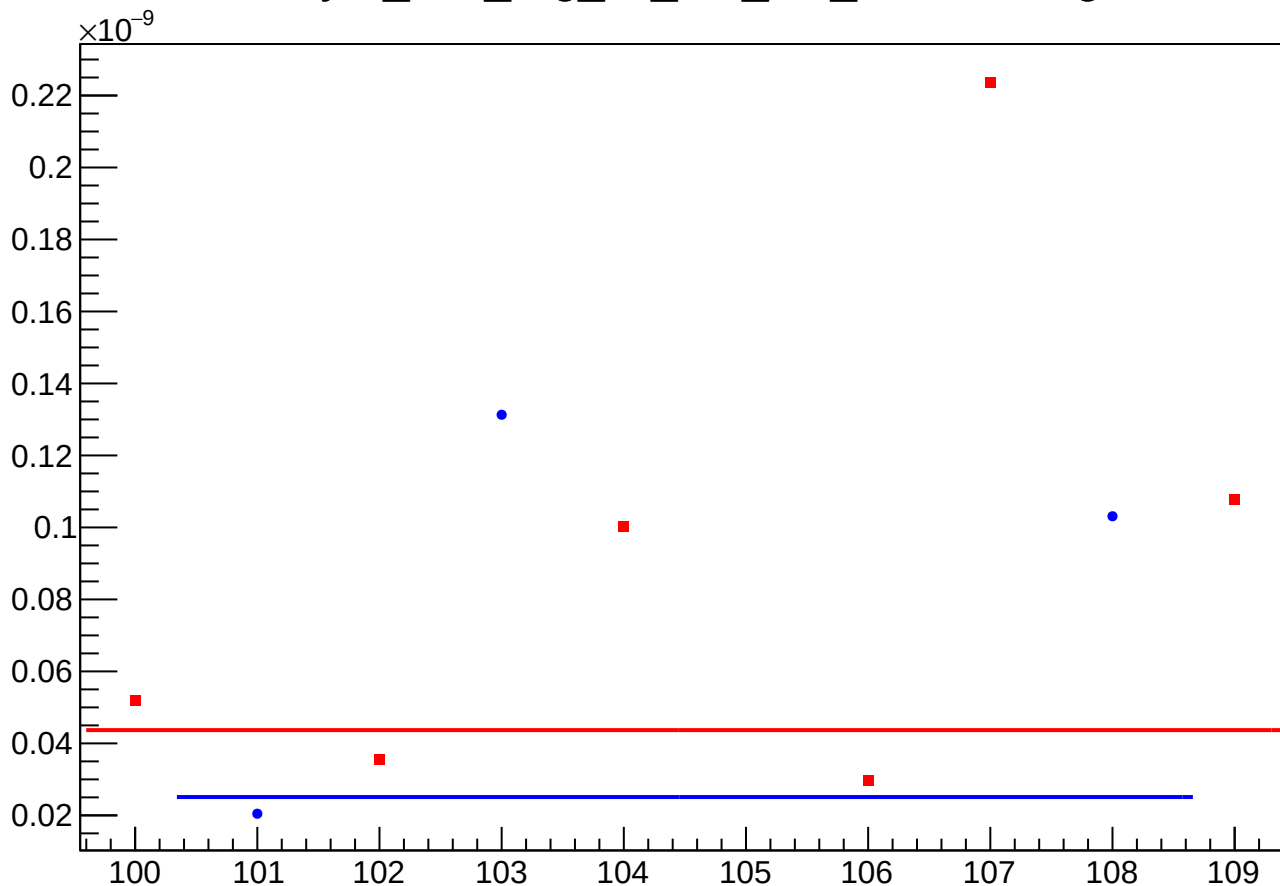
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 9.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 681648.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 451183.5/5

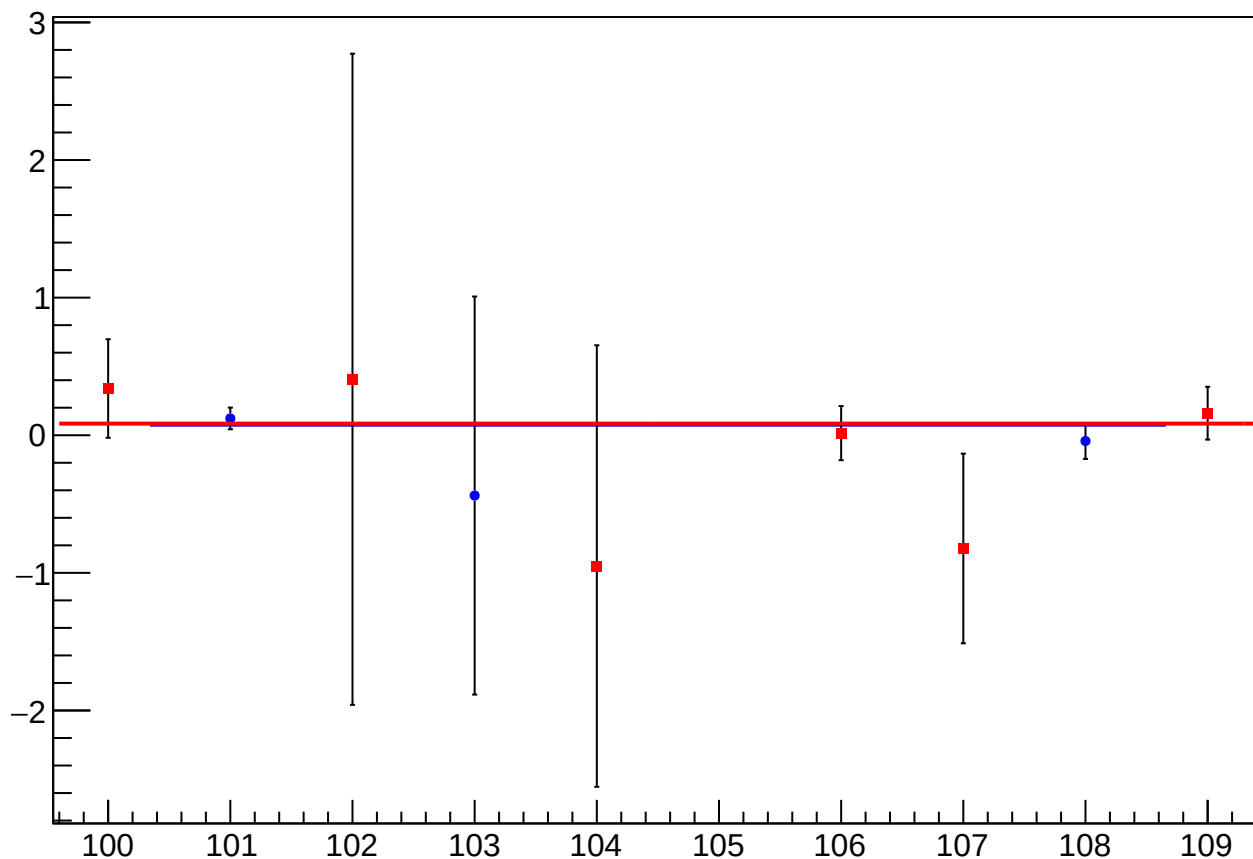
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1290488.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.077 $\pm$ 0.067 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.085 $\pm$ 0.126 χ^2 /NDF: 3.0/5

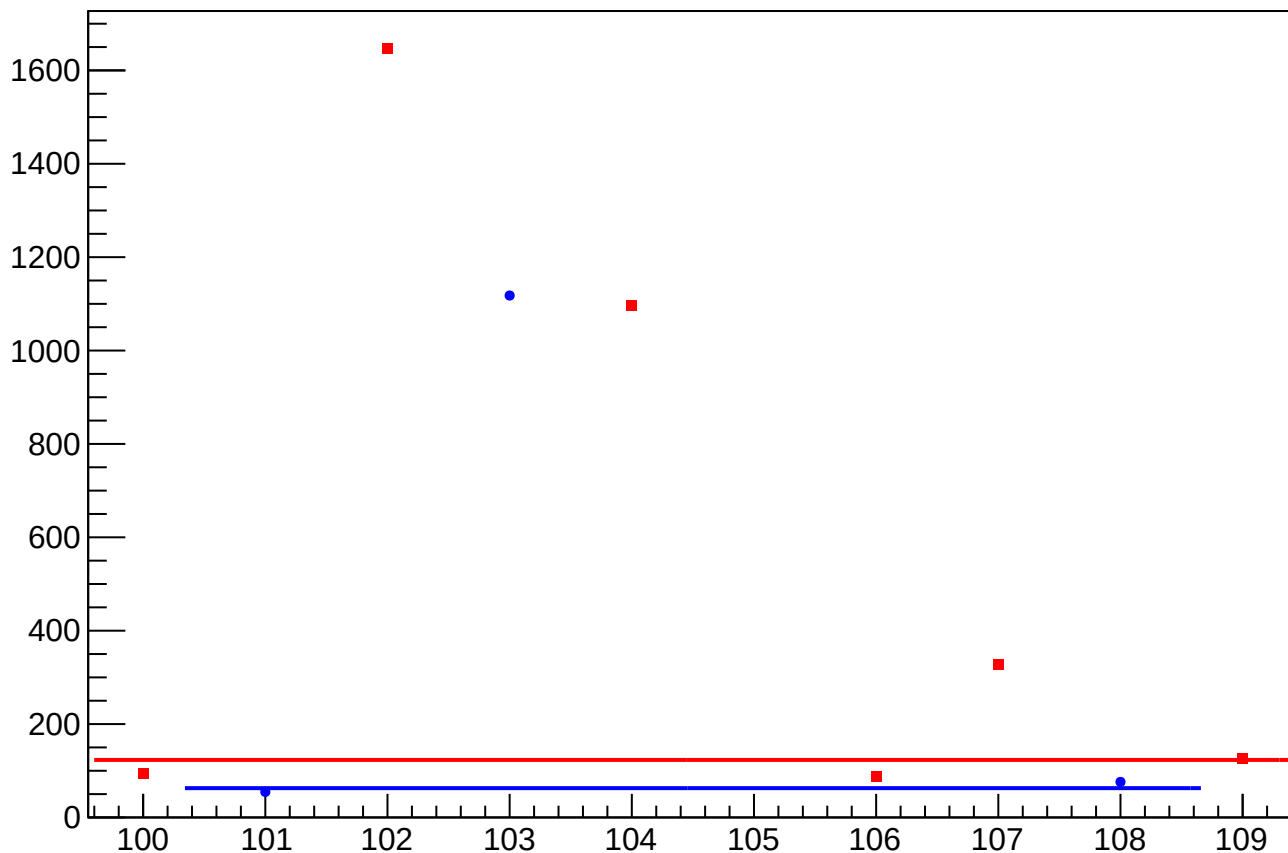
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.079 $\pm$ 0.059 χ^2 /NDF: 4.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 62.751 $\pm$ 0.048 χ^2 /NDF: 1106503.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.201 $\pm$ 0.089 χ^2 /NDF: 1817369.8/5

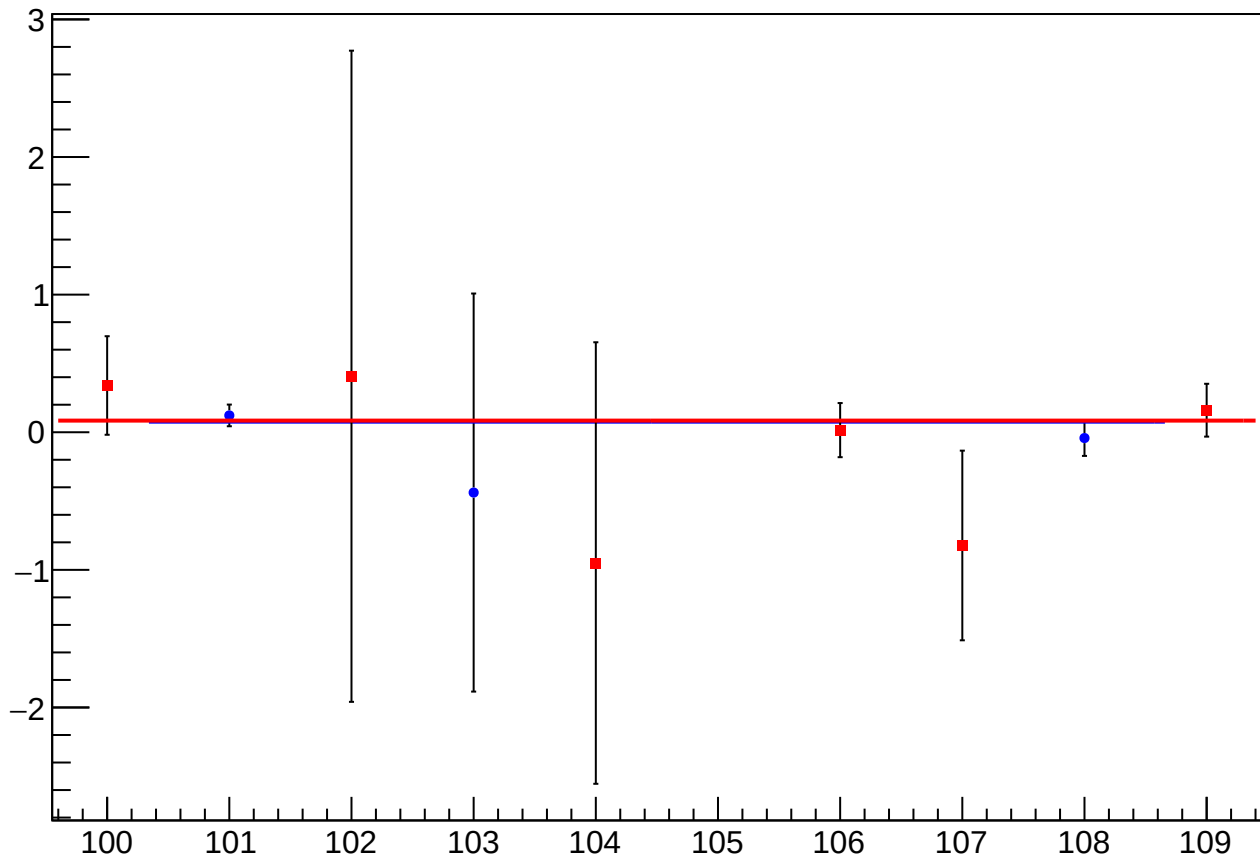
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.241 $\pm$ 0.042 χ^2 /NDF: 3284128.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.077 $\pm$ 0.067 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.085 $\pm$ 0.126 χ^2 /NDF: 3.0/5

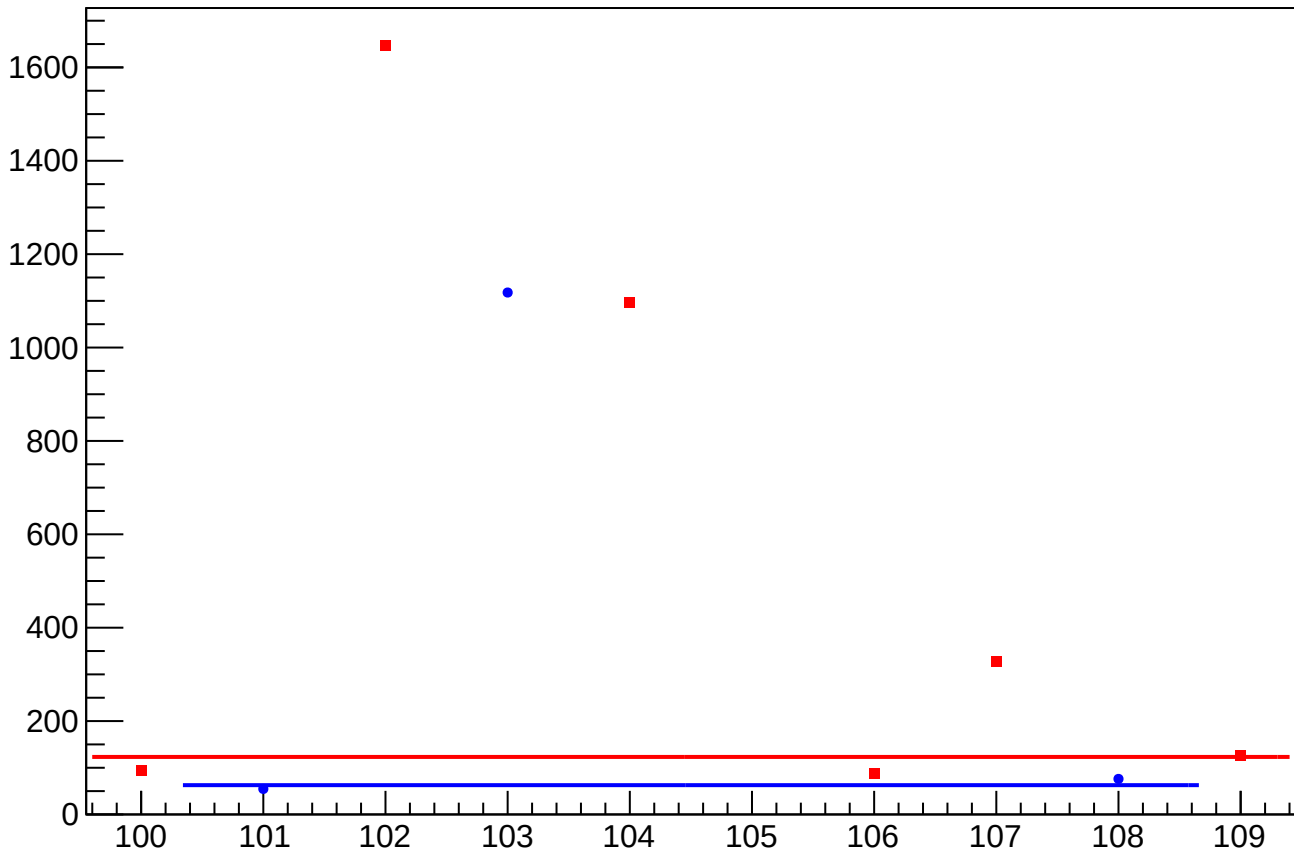
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.079 $\pm$ 0.059 χ^2 /NDF: 4.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.751+/-0.048 χ^2/NDF : 1106503.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.201+/-0.089 χ^2/NDF : 1817369.8/5

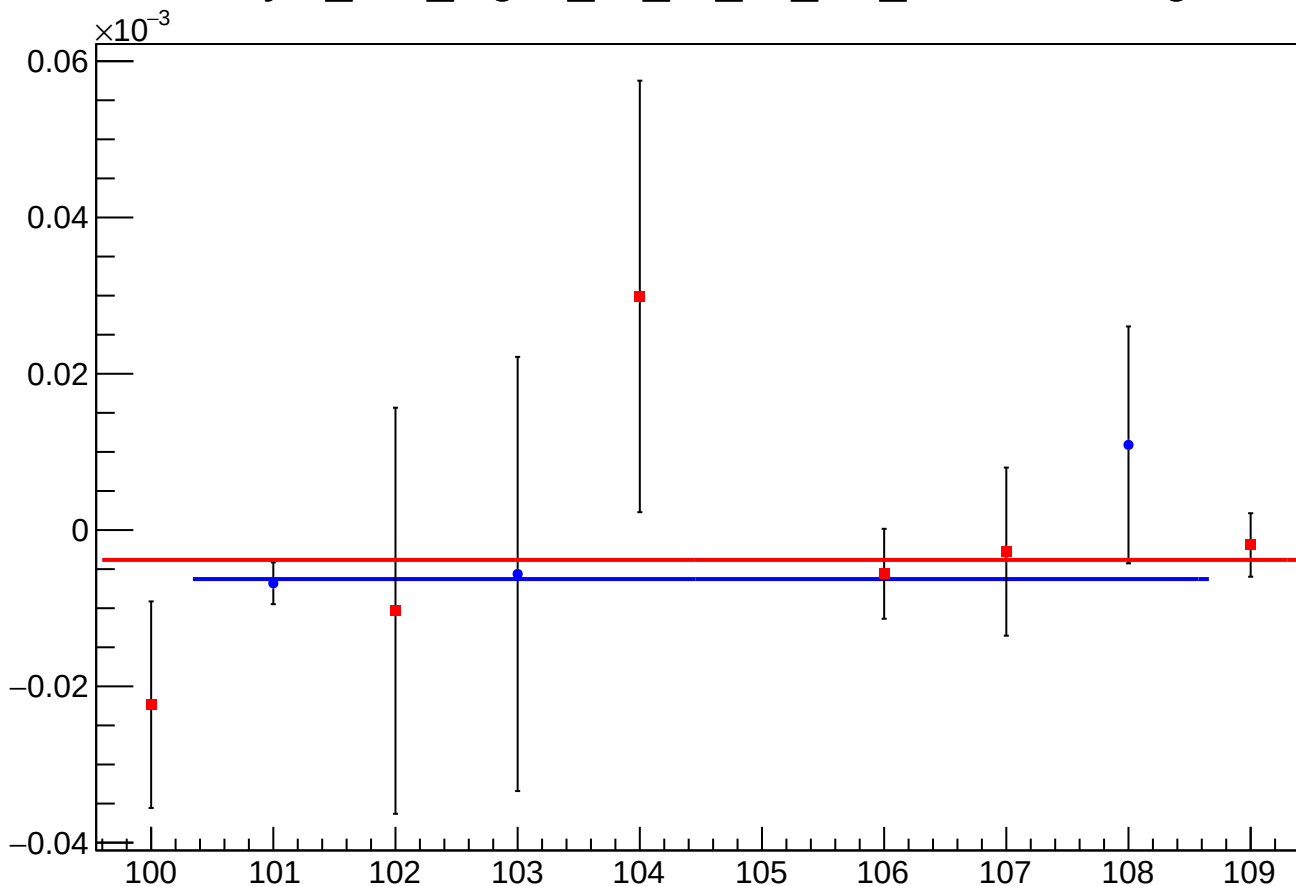
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.241+/-0.042 χ^2/NDF : 3284128.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/5

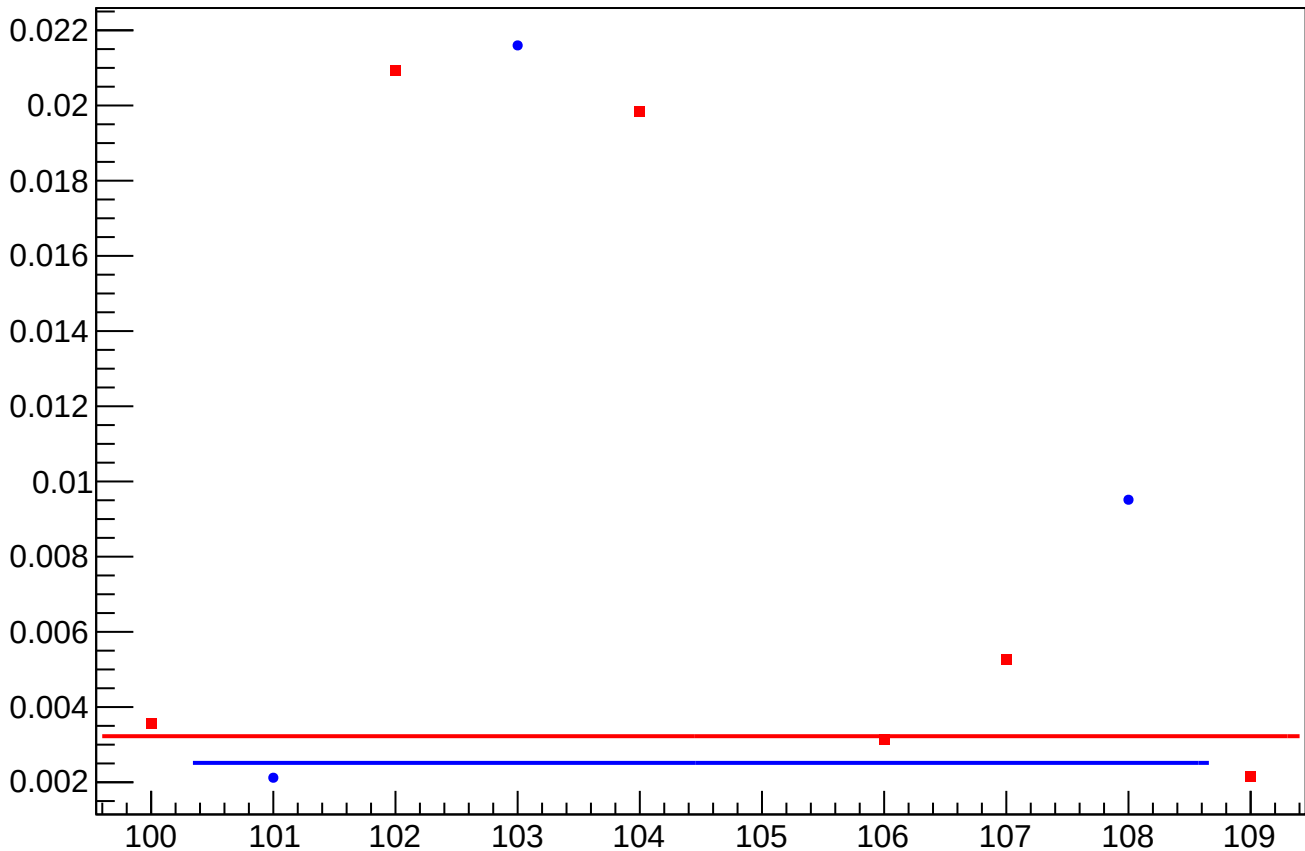
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1413664.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1865449.8/5

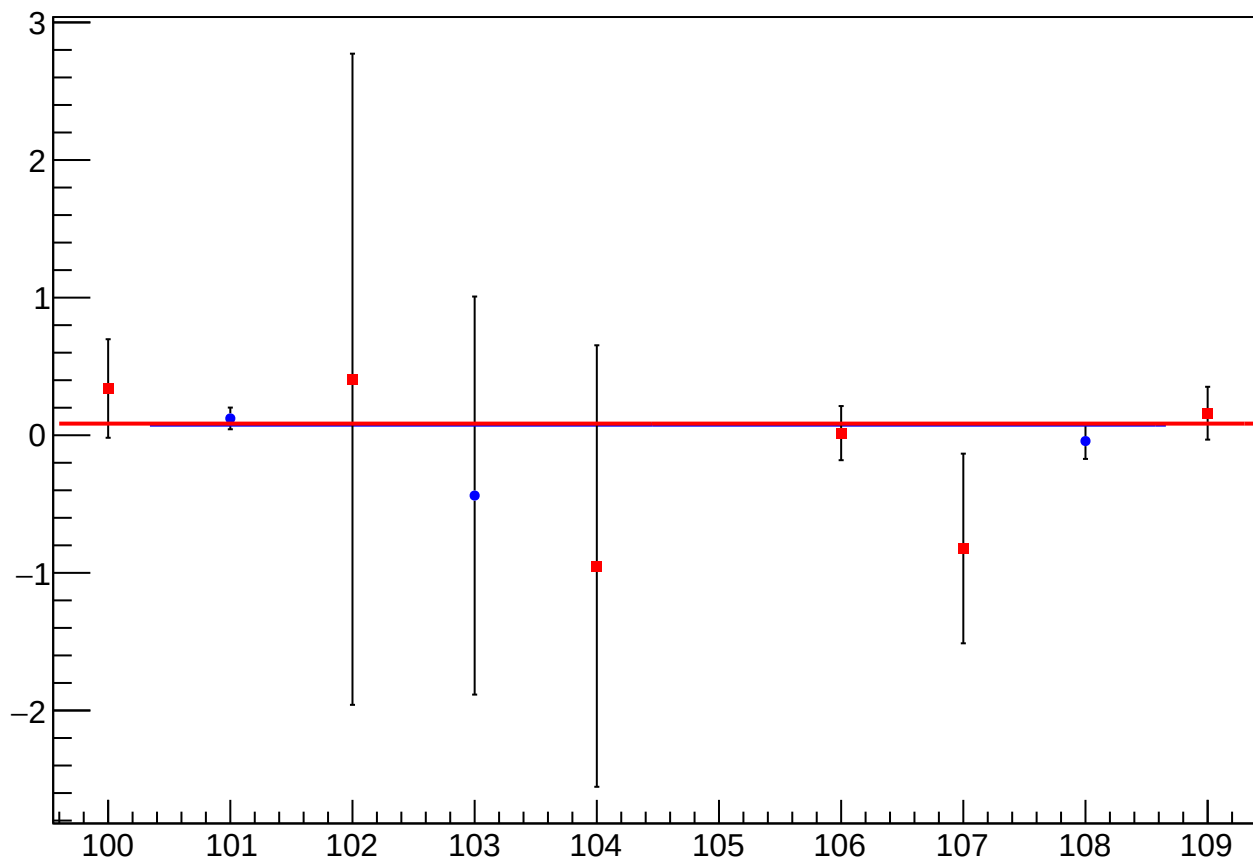
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 3341504.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.077 $\pm$ 0.067 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.085 $\pm$ 0.126 χ^2 /NDF: 3.0/5

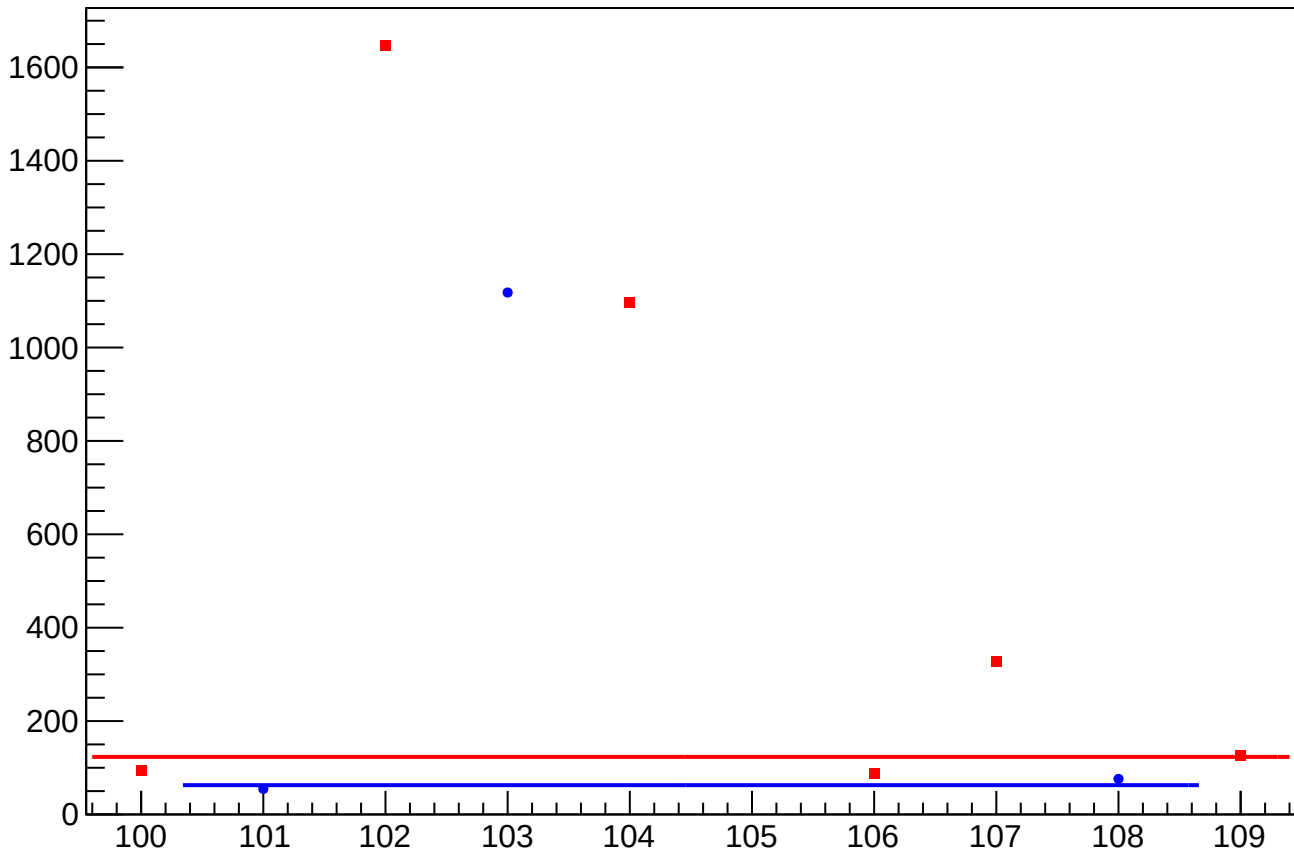
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.079 $\pm$ 0.059 χ^2 /NDF: 4.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 62.751+/-0.048 χ^2/NDF : 1106521.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.200+/-0.089 χ^2/NDF : 1817370.2/5

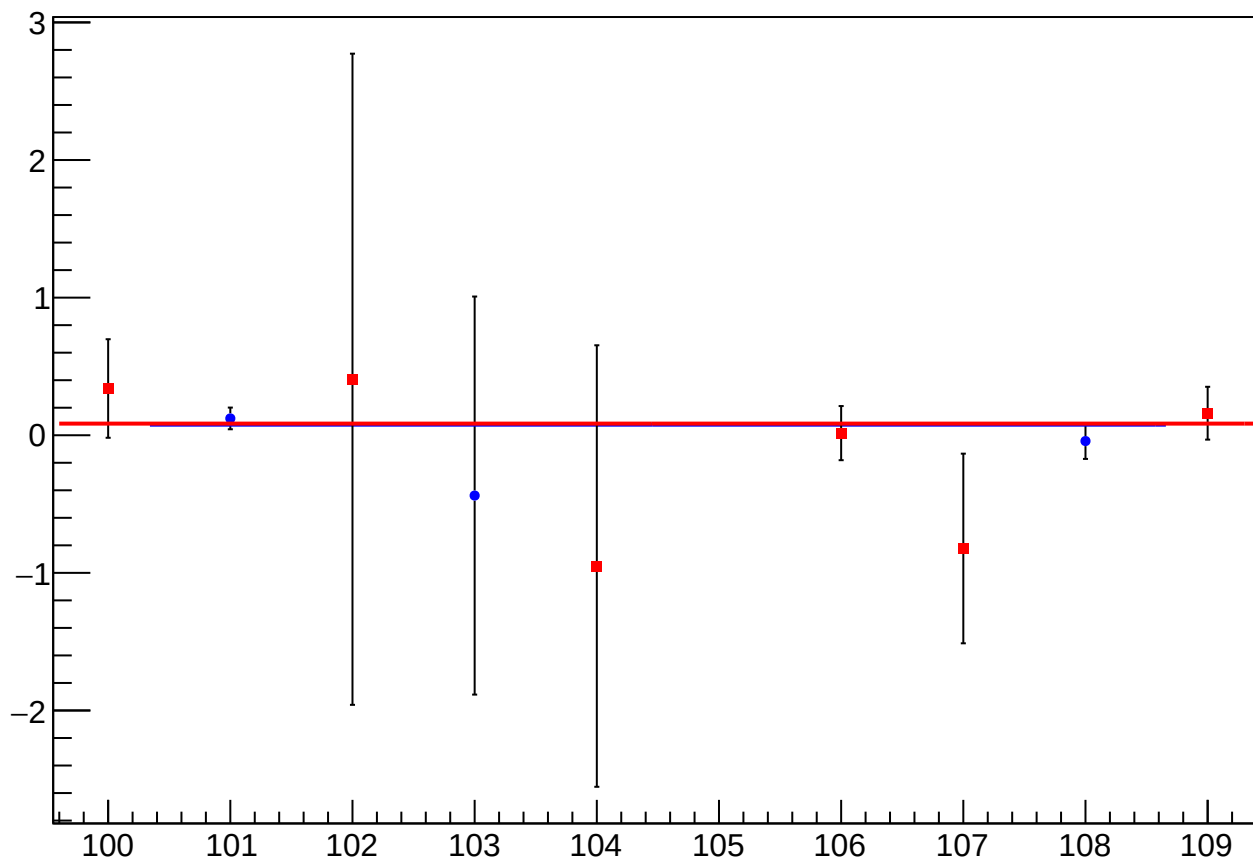
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.242+/-0.042 χ^2/NDF : 3284130.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.077 $\pm$ 0.067 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.085 $\pm$ 0.126 χ^2 /NDF: 3.0/5

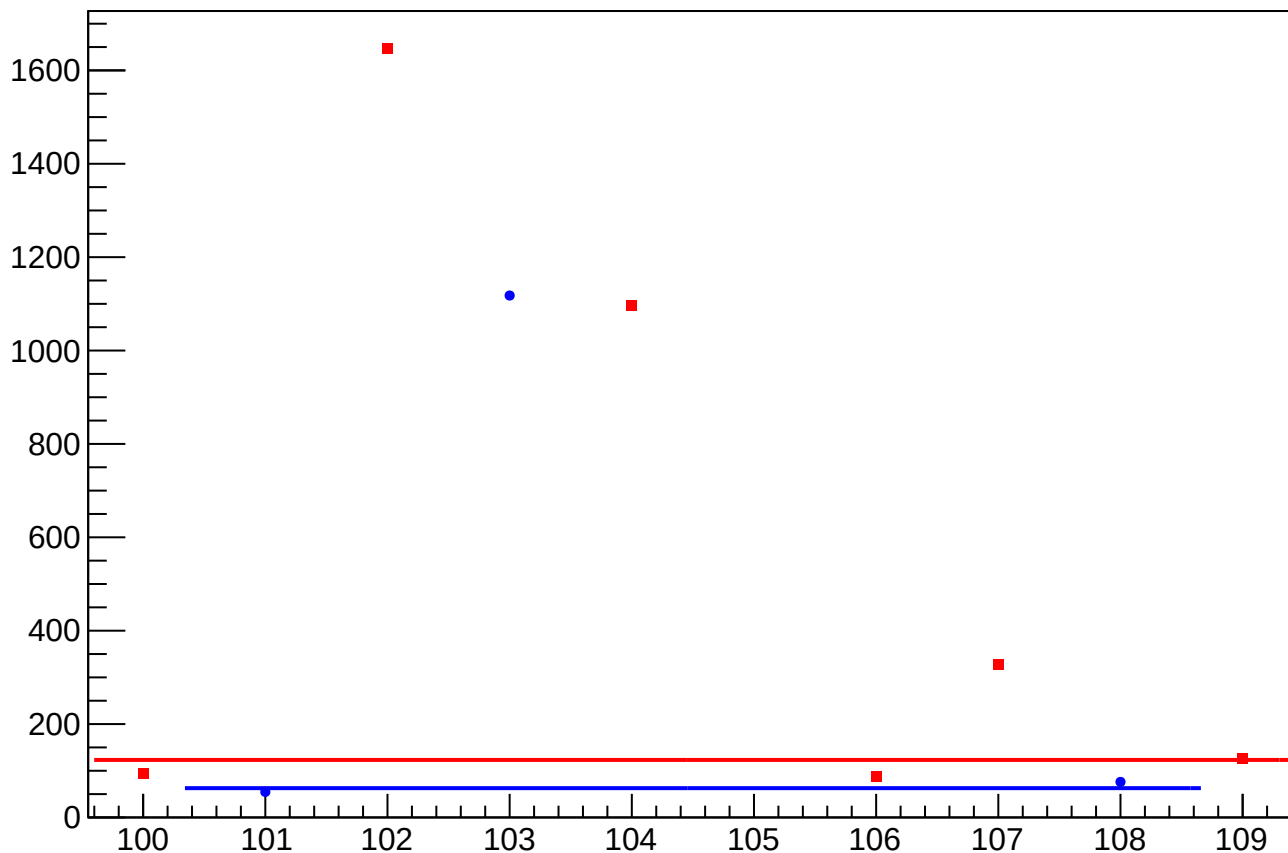
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.079 $\pm$ 0.059 χ^2 /NDF: 4.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.751 $\pm$ 0.048 χ^2 /NDF: 1106521.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.200 $\pm$ 0.089 χ^2 /NDF: 1817370.2/5

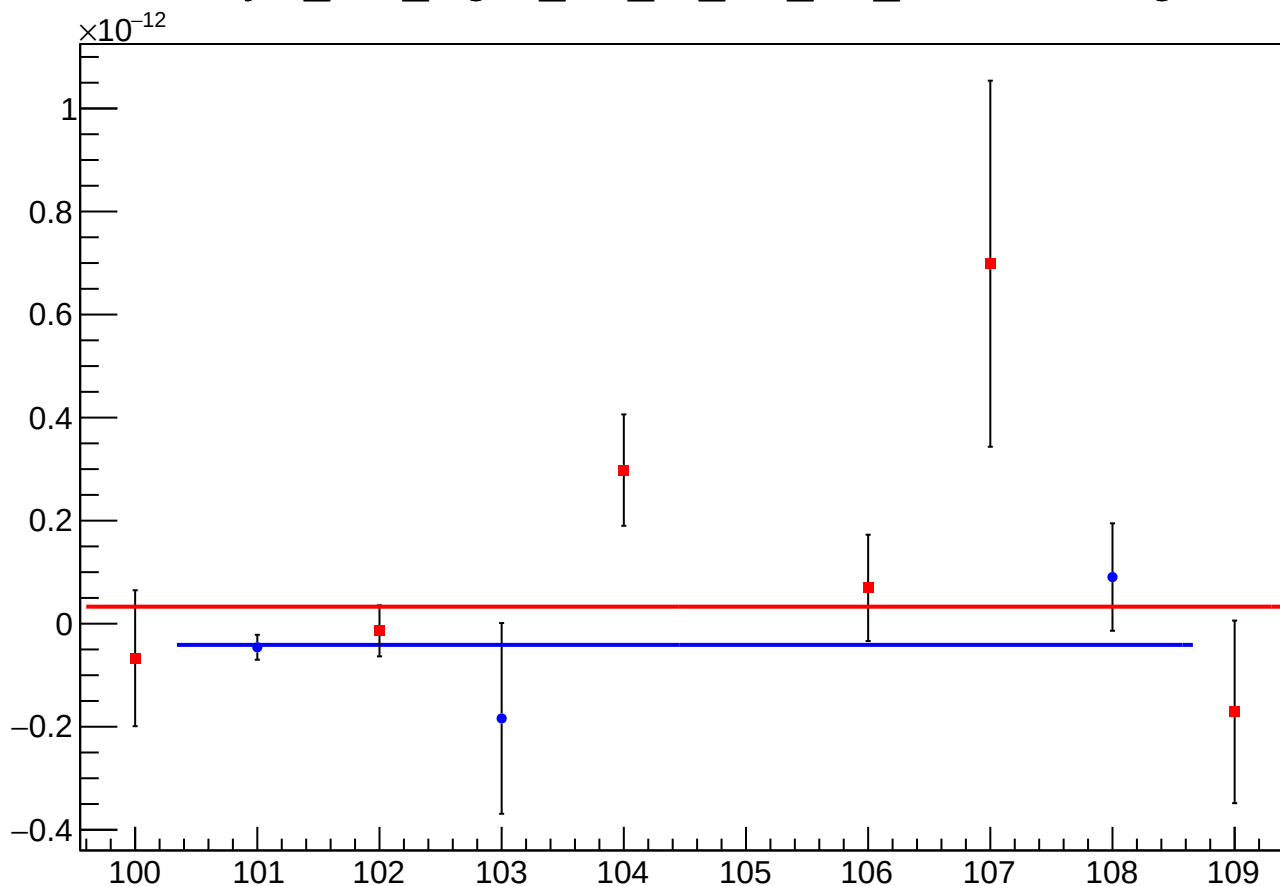
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.242 $\pm$ 0.042 χ^2 /NDF: 3284130.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/5

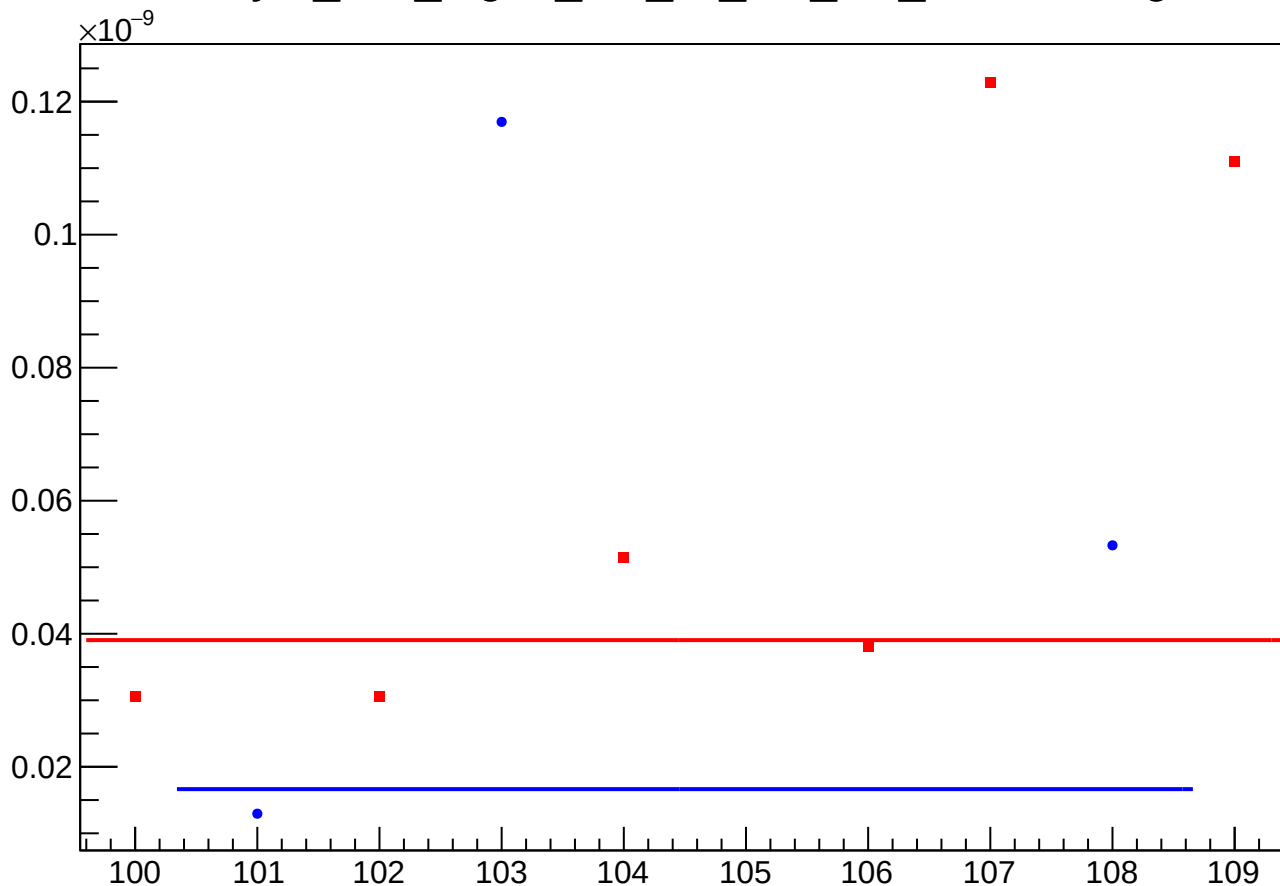
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 17.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 881011.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 534081.2/5

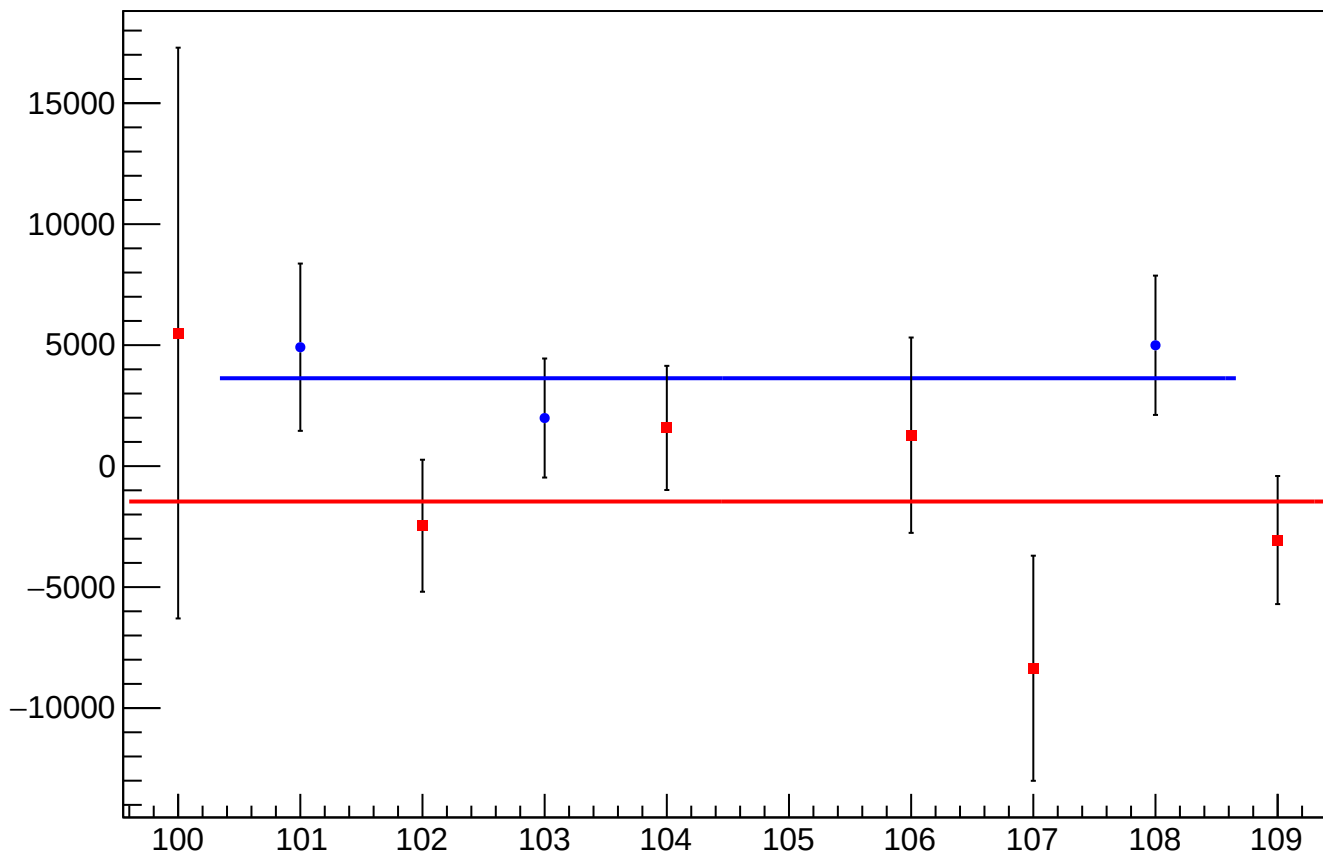
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1914766.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 3632.026+/-1644.834 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1462.519+/-1355.963 χ^2/NDF : 4.9/5

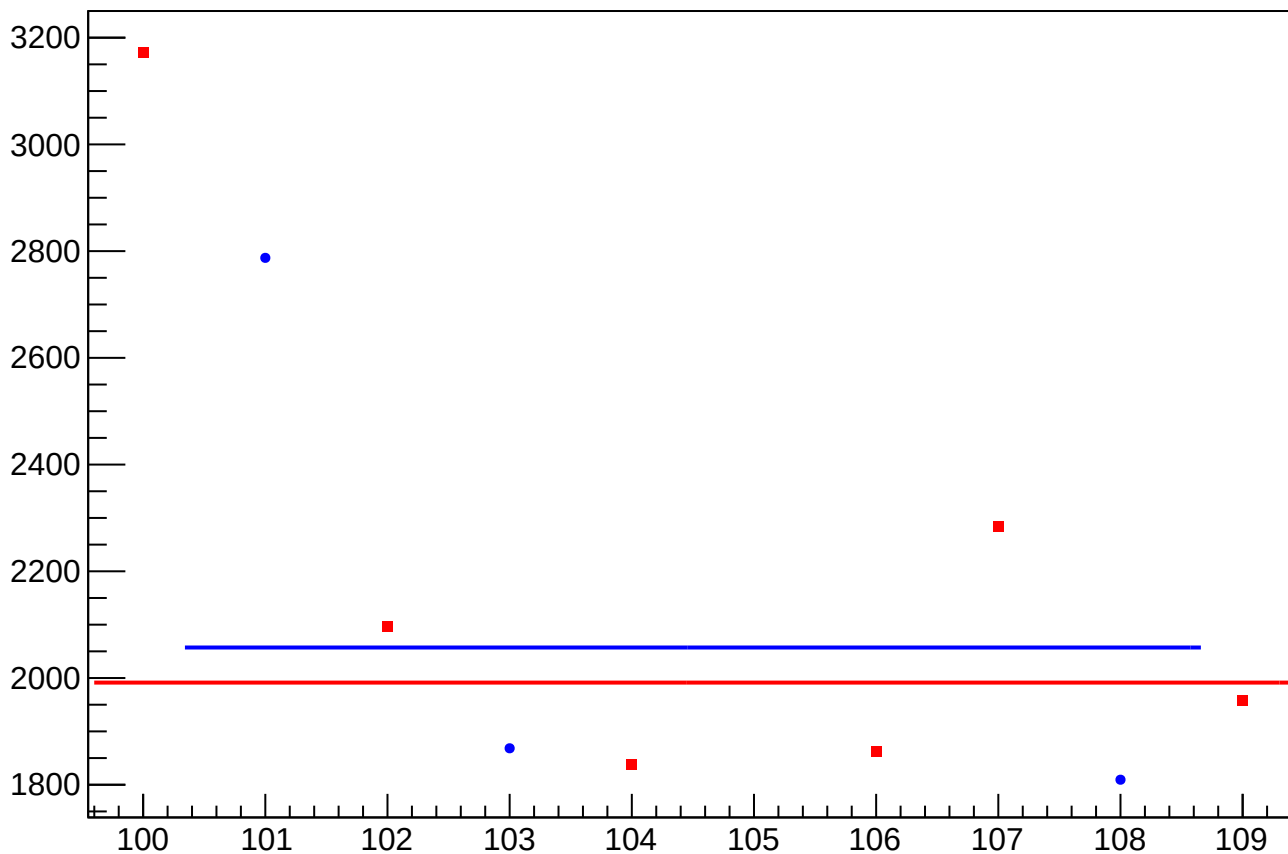
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 598.831+/-1046.273 χ^2/NDF : 11.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_rms vs Slug



Right In: 2057.199+/-1.163 χ^2/NDF : 115846.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1991.444+/-0.959 χ^2/NDF : 40444.6/5

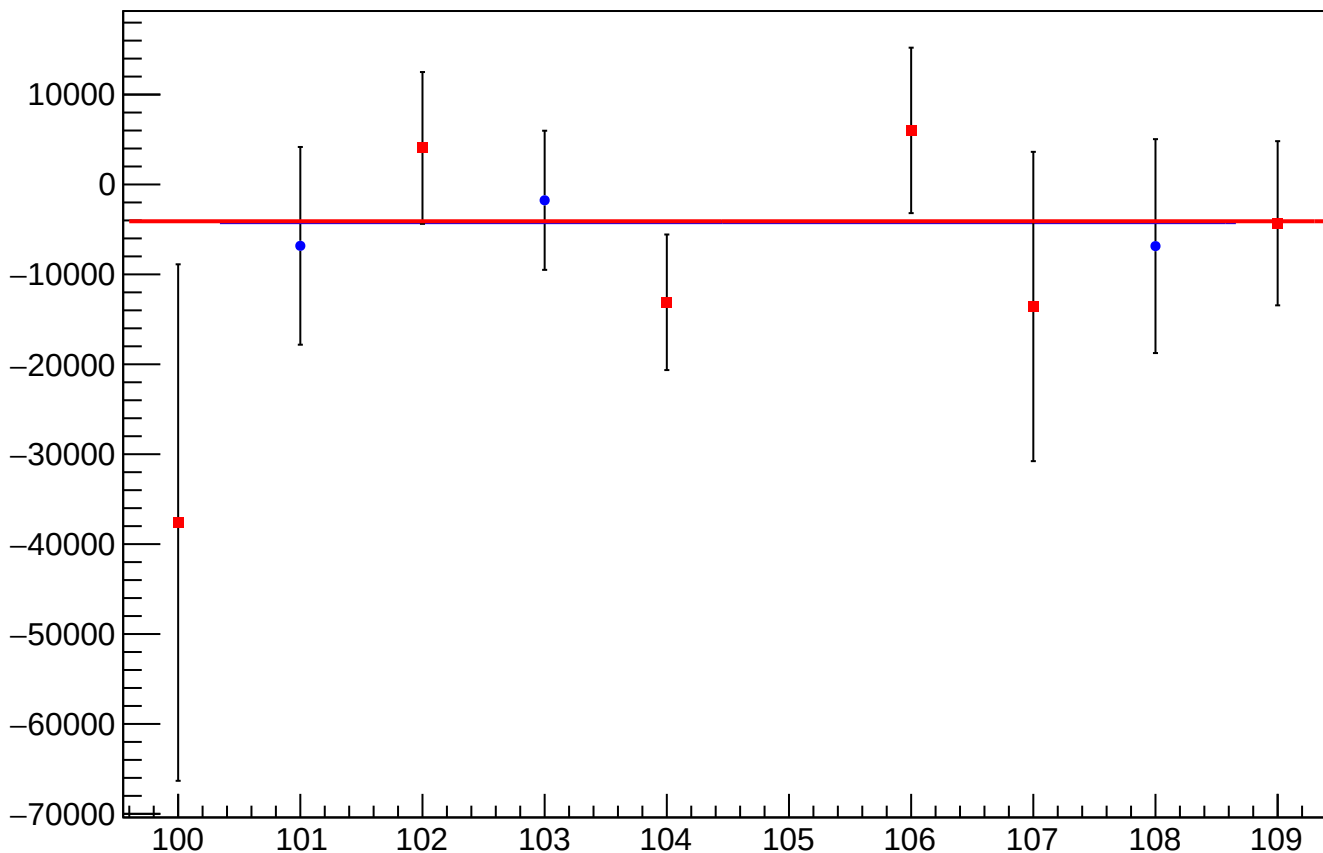
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2018.050+/-0.740 χ^2/NDF : 158194.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_correction_mean vs Slug



Right In: -4190.971+/-5586.703 χ^2 /NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4092.002+/-4081.551 χ^2 /NDF: 5.2/5

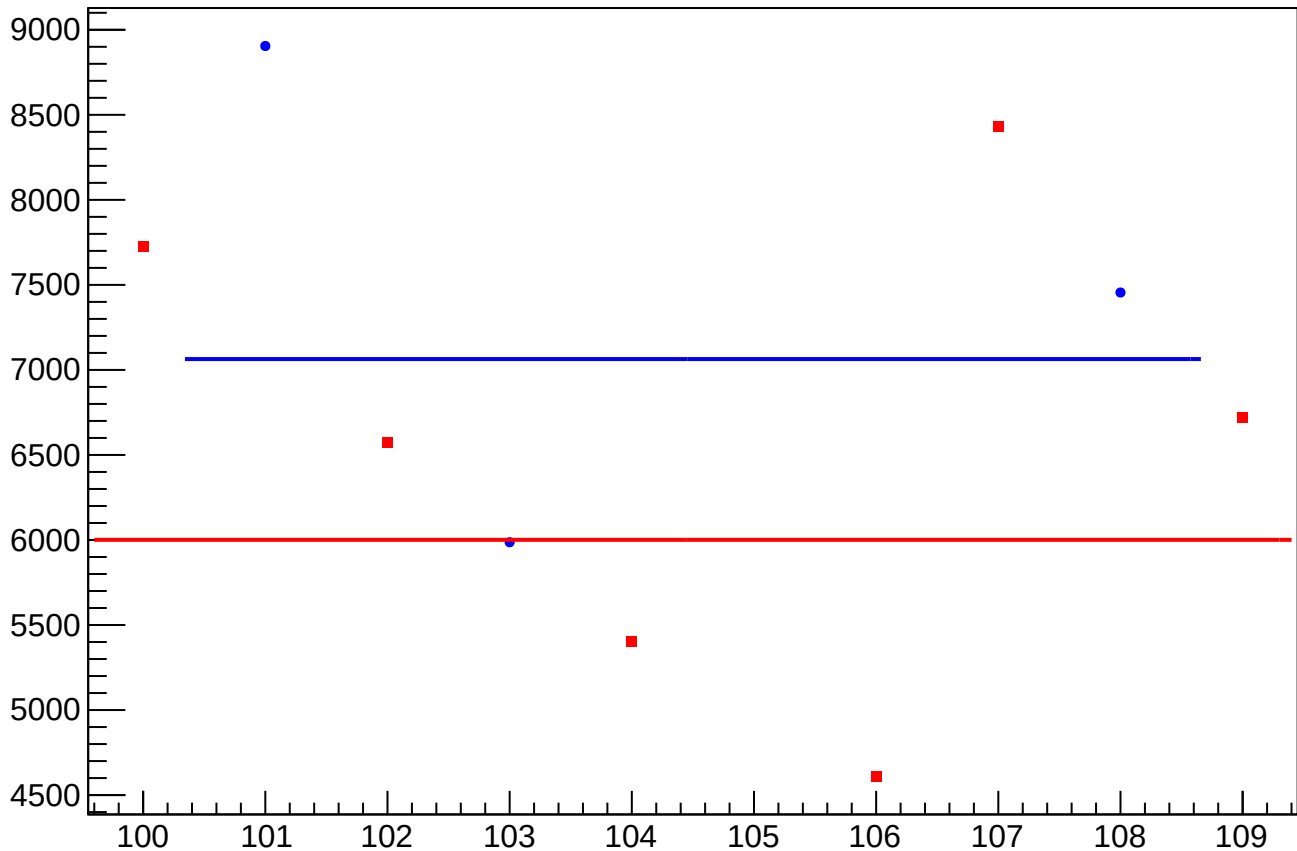
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4126.444+/-3295.700 χ^2 /NDF: 5.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_reg_correction_rms vs Slug



Right In: 7063.935 $\pm$ 3.950 χ^2 /NDF: 96963.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6000.922 $\pm$ 2.886 χ^2 /NDF: 127350.8/5

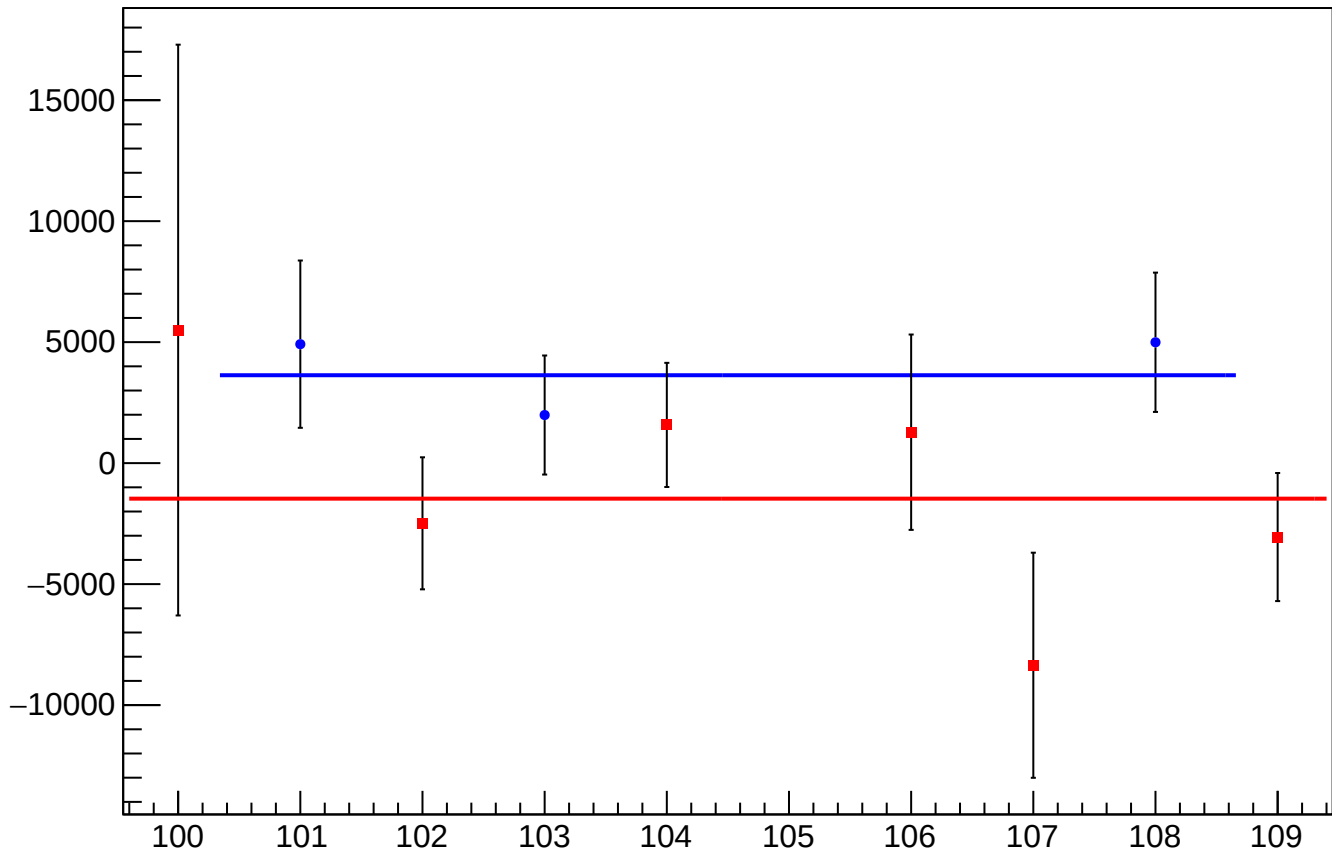
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6370.855 $\pm$ 2.330 χ^2 /NDF: 271525.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl2_mean vs Slug



Right In: 3632.360 ± 1644.834 χ^2/NDF : 0.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1468.395 ± 1356.006 χ^2/NDF : 4.9/5

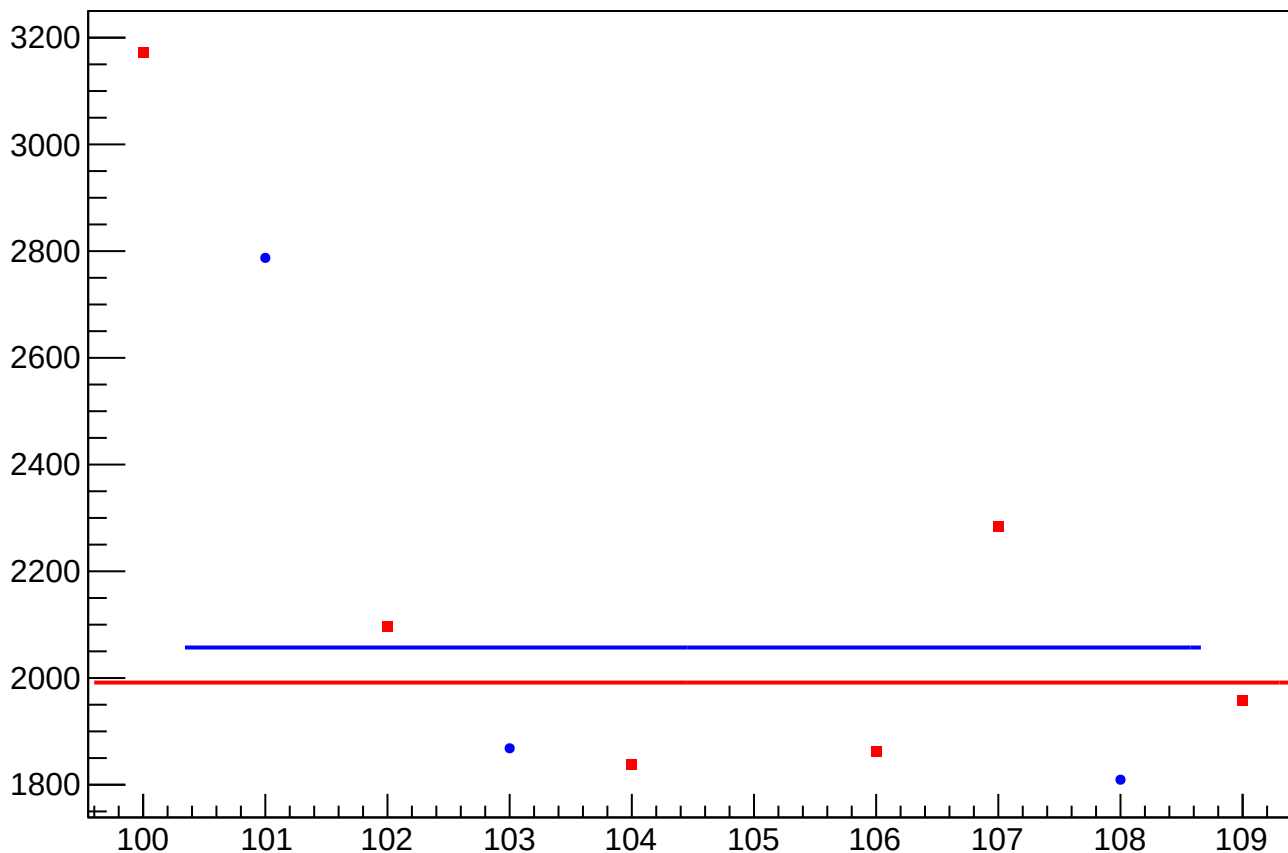
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 595.548 ± 1046.294 χ^2/NDF : 11.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_atl2_rms vs Slug



Right In: 2057.198 $\pm$ 1.163 χ^2 /NDF: 115846.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1991.511 $\pm$ 0.959 χ^2 /NDF: 40460.7/5

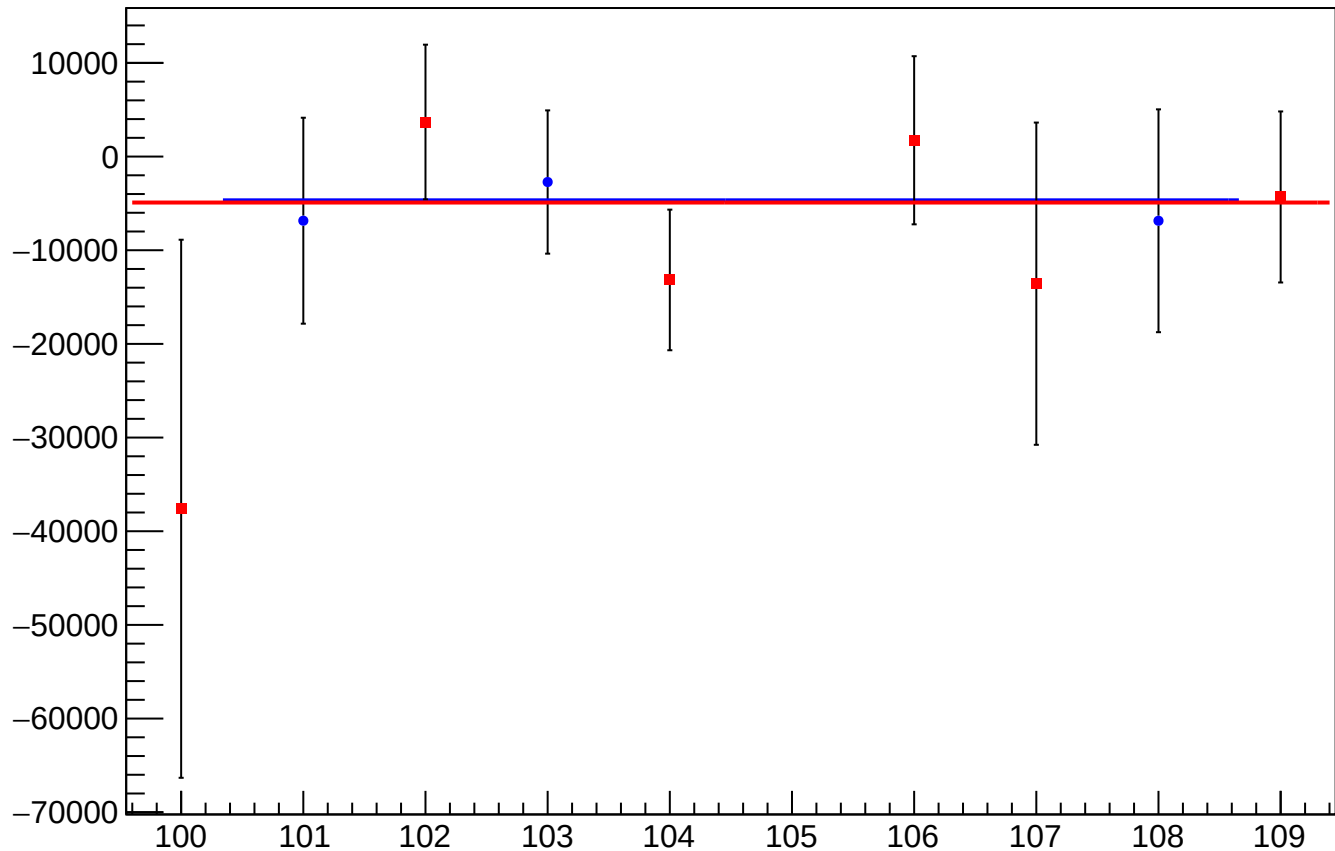
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2018.090 $\pm$ 0.740 χ^2 /NDF: 158206.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_cor_correction_mean vs Slug



Right In: -4672.710 $\pm$ 5552.323 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4907.469 $\pm$ 4035.324 χ^2 /NDF: 4.4/5

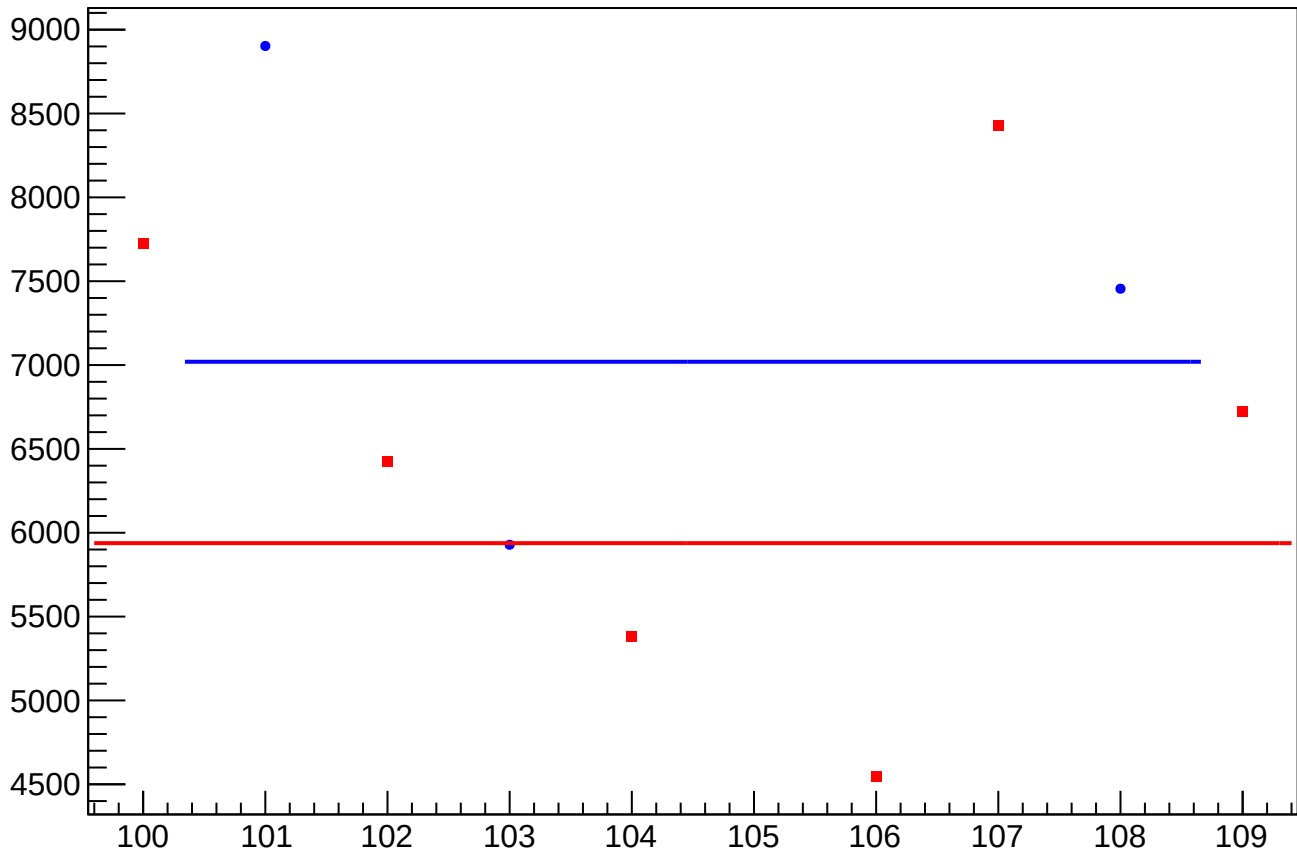
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4826.327 $\pm$ 3264.275 χ^2 /NDF: 4.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_cor_correction_rms vs Slug



Right In: 7019.688+/-3.926 χ^2/NDF : 102083.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5937.954+/-2.853 χ^2/NDF : 130713.0/5

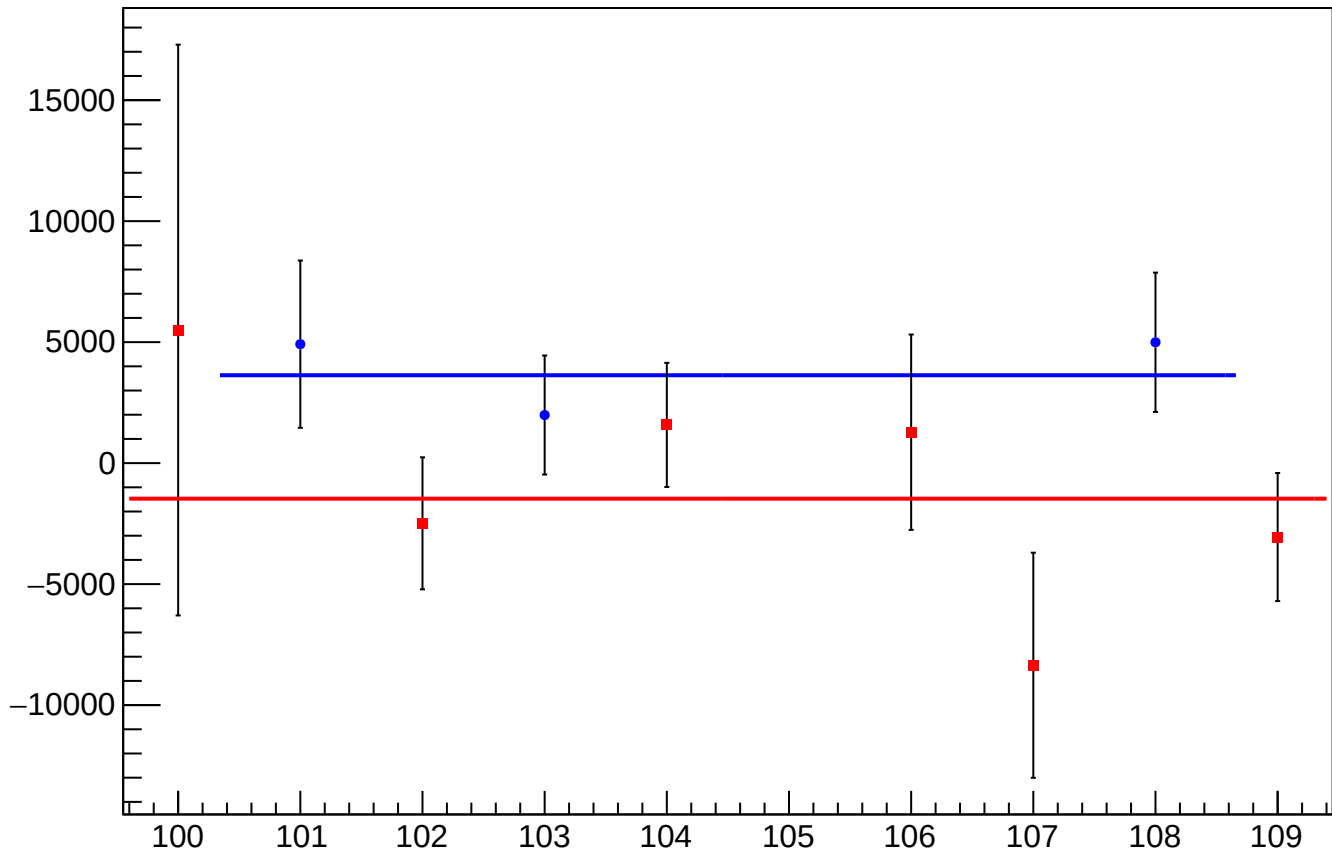
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6311.844+/-2.308 χ^2/NDF : 282471.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl2_mean vs Slug



Right In: 3632.360 $\pm$ 1644.834 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1468.395 $\pm$ 1356.006 χ^2 /NDF: 4.9/5

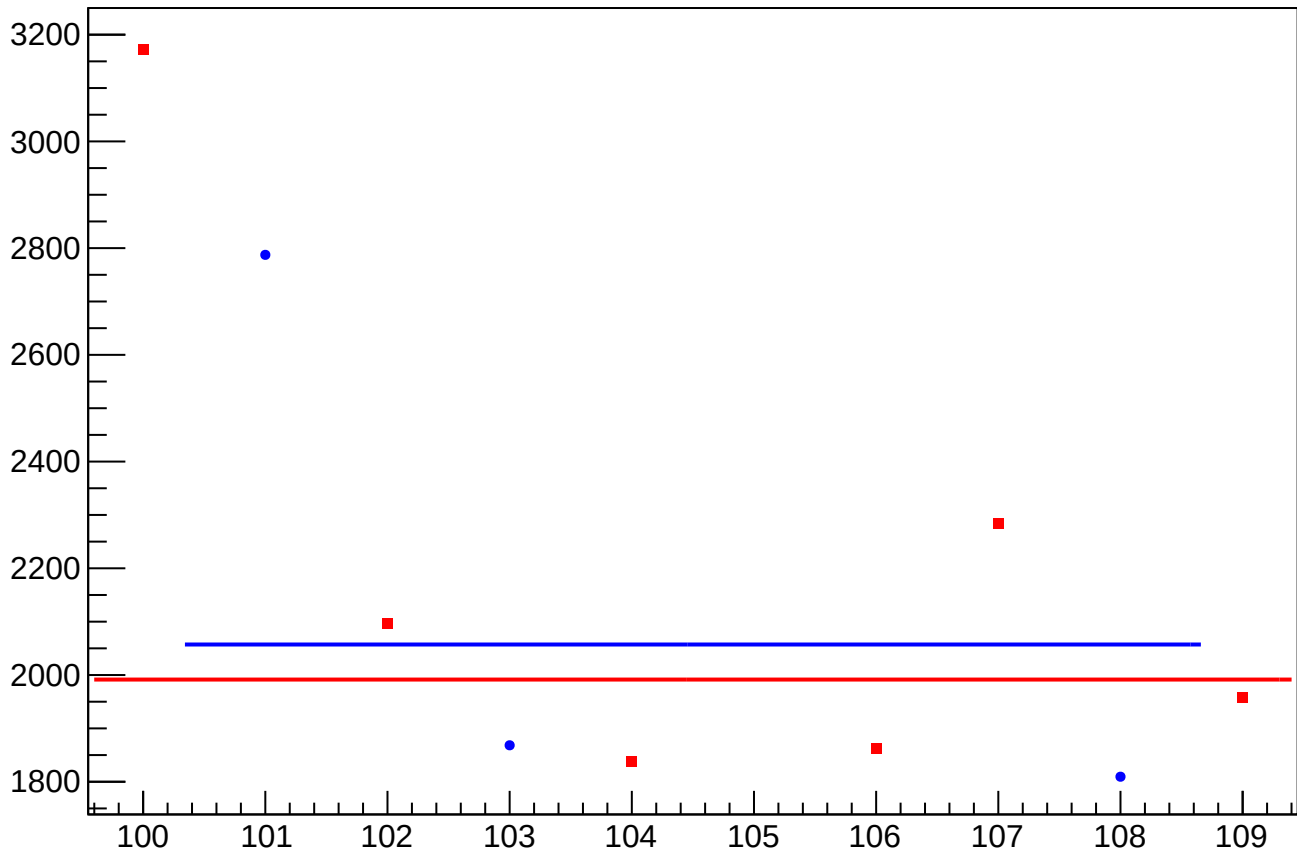
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 595.548 $\pm$ 1046.294 χ^2 /NDF: 11.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl2_rms vs Slug



Right In: 2057.198 $\pm$ 1.163 χ^2 /NDF: 115846.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1991.511 $\pm$ 0.959 χ^2 /NDF: 40460.7/5

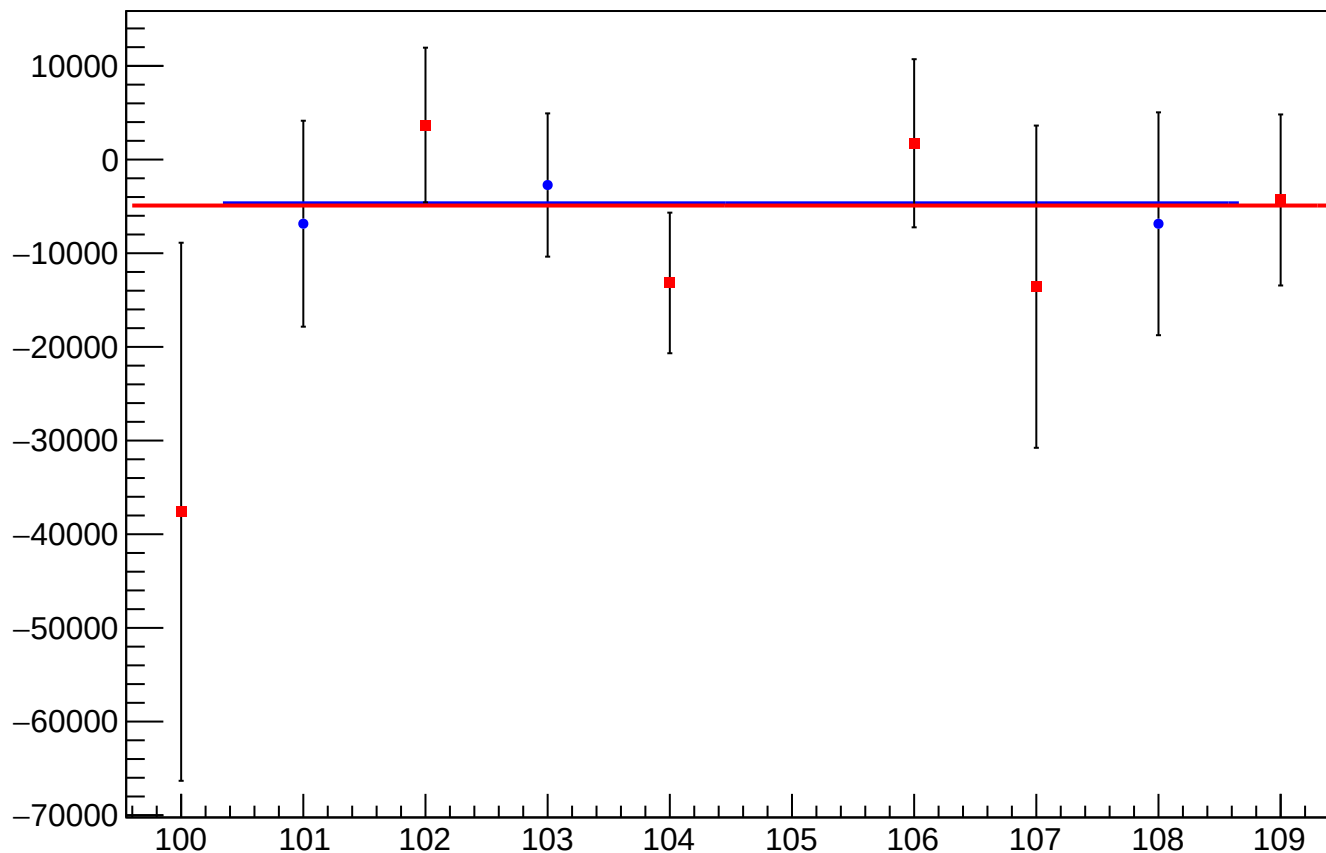
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2018.090 $\pm$ 0.740 χ^2 /NDF: 158206.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: -4672.710+/-5552.323 χ^2 /NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4907.469+/-4035.324 χ^2 /NDF: 4.4/5

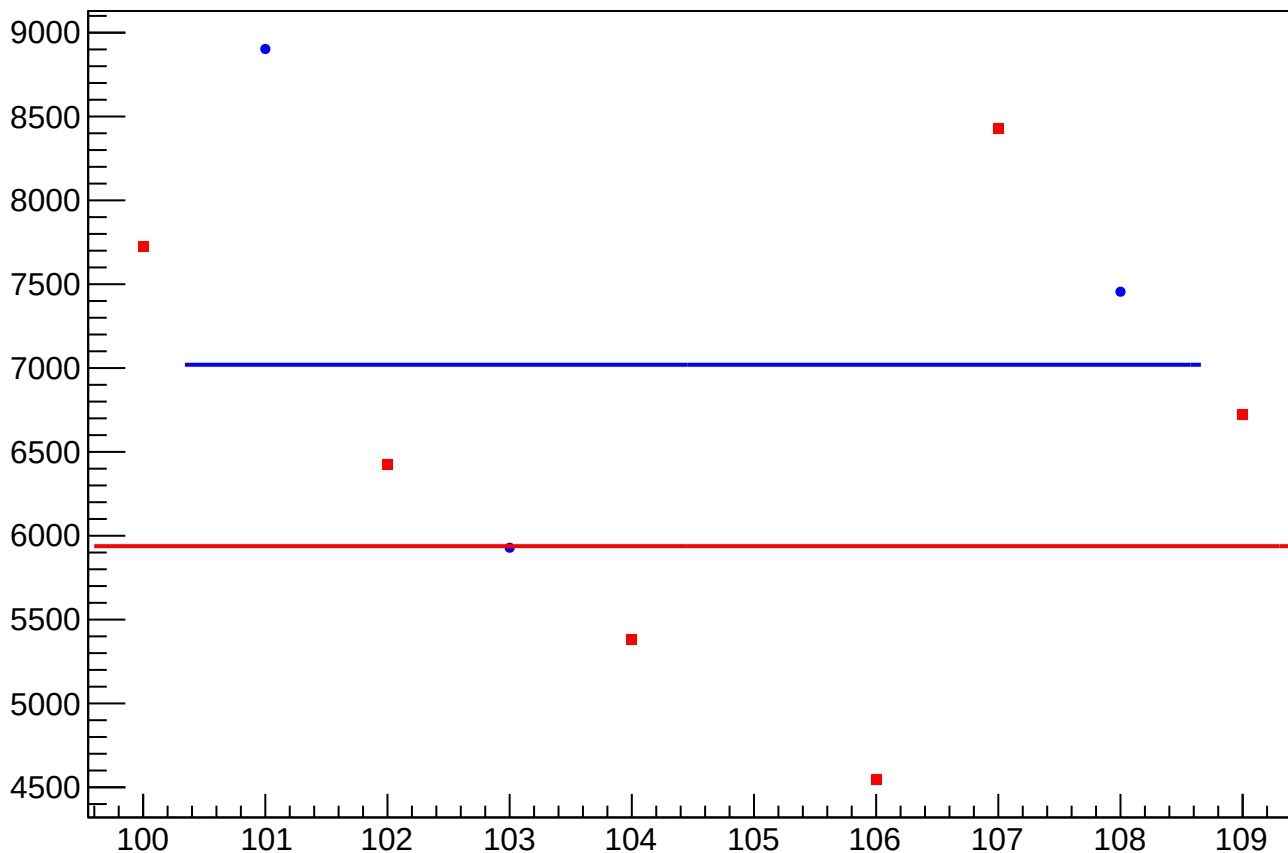
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4826.327+/-3264.275 χ^2 /NDF: 4.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 7019.688 $\pm$ 3.926 χ^2 /NDF: 102083.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5937.954 $\pm$ 2.853 χ^2 /NDF: 130713.0/5

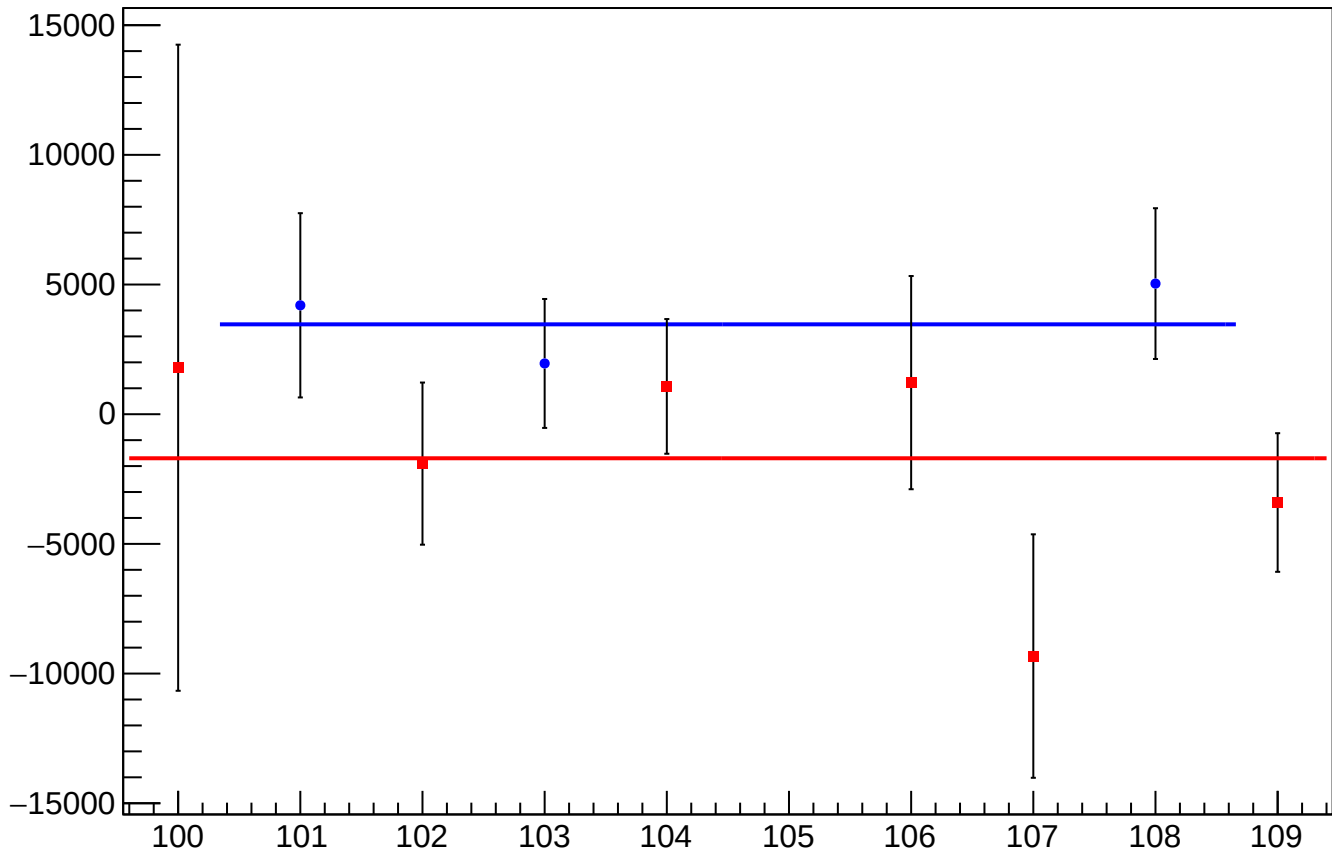
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6311.844 $\pm$ 2.308 χ^2 /NDF: 282471.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl2_mean vs Slug



Right In: 3465.263 $\pm$ 1667.852 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1698.876 $\pm$ 1411.867 χ^2 /NDF: 4.8/5

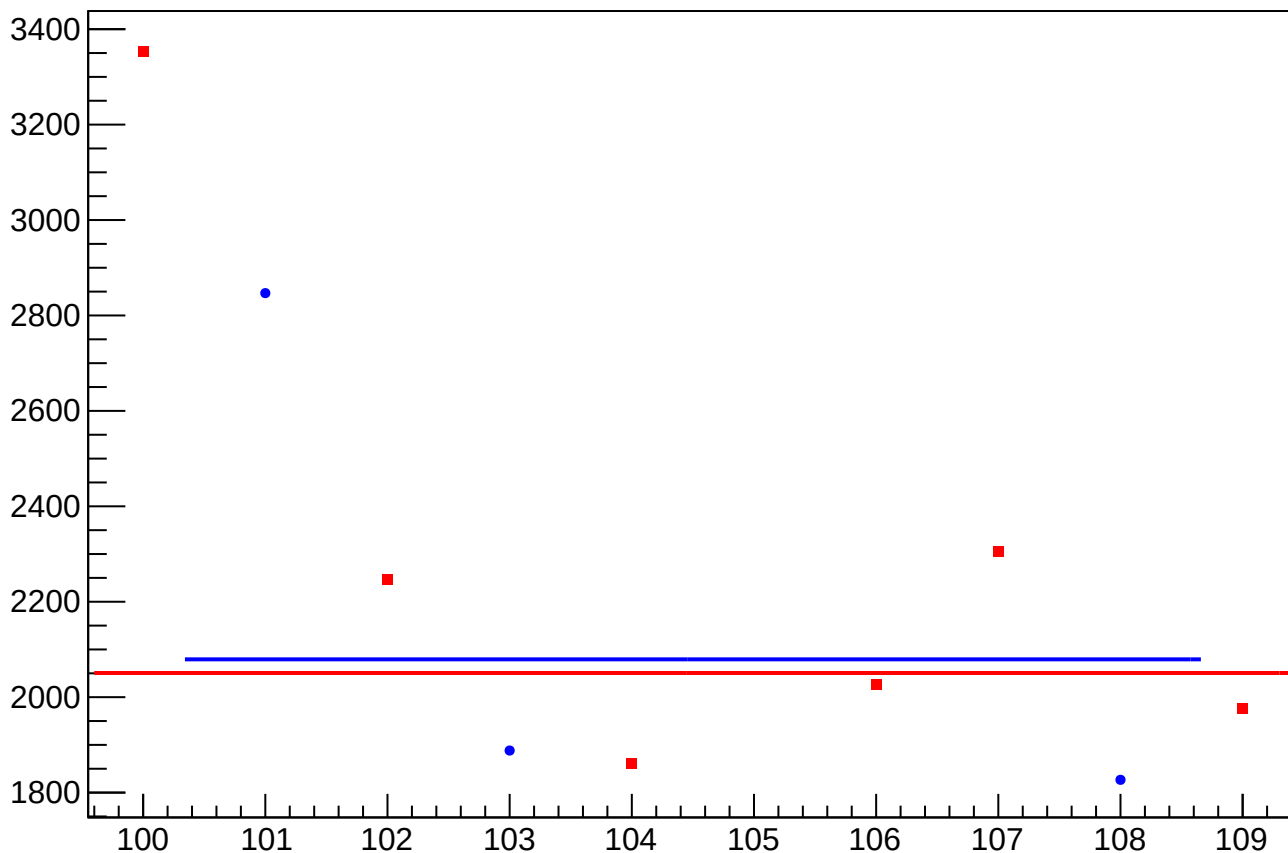
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 456.897 $\pm$ 1077.606 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl2_rms vs Slug



Right In: 2079.272 $\pm$ 1.179 χ^2 /NDF: 120289.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2050.689 $\pm$ 0.993 χ^2 /NDF: 47923.9/5

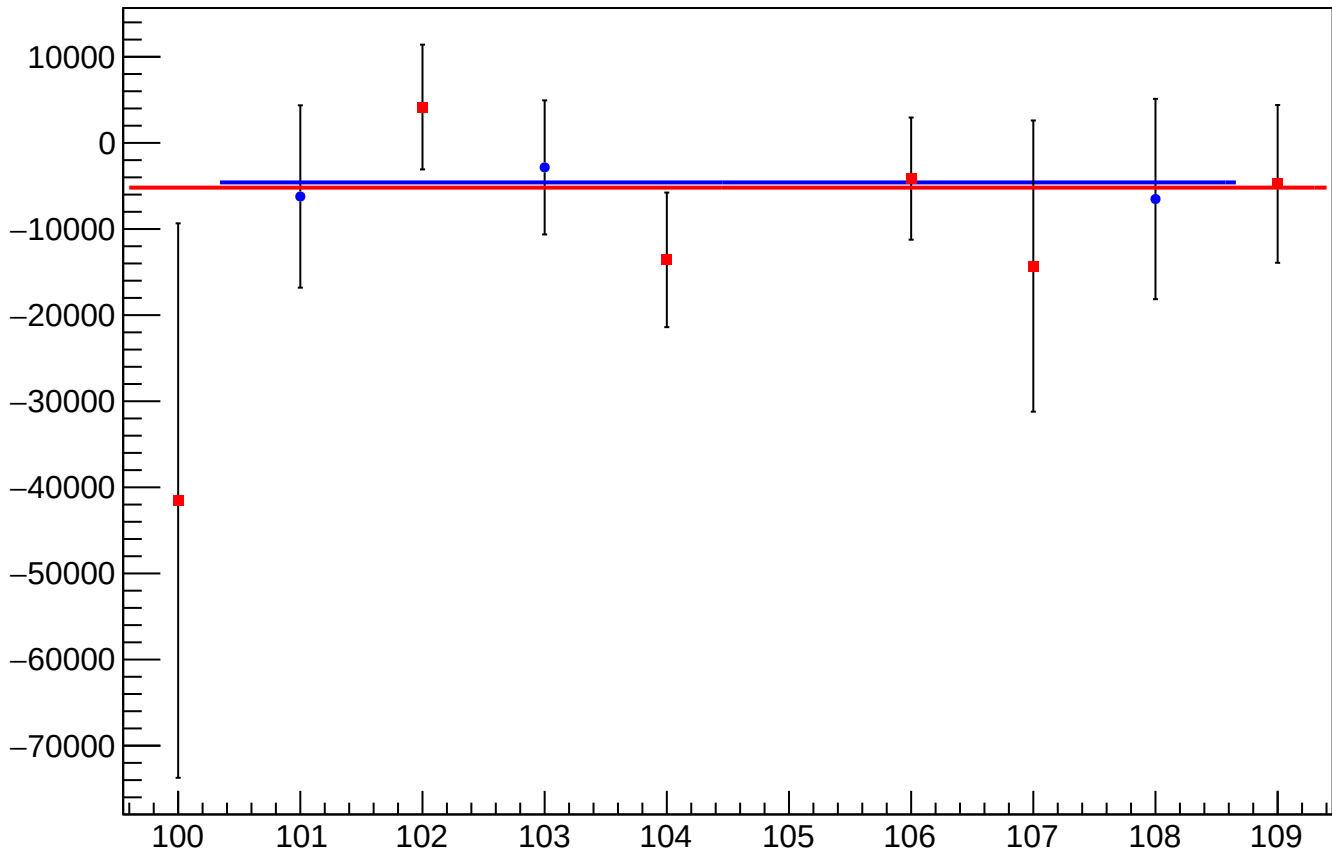
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2062.551 $\pm$ 0.760 χ^2 /NDF: 168557.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_dit_correction_mean vs Slug



Right In: -4588.991+/-5521.311 χ^2 /NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5192.817+/-3735.307 χ^2 /NDF: 4.4/5

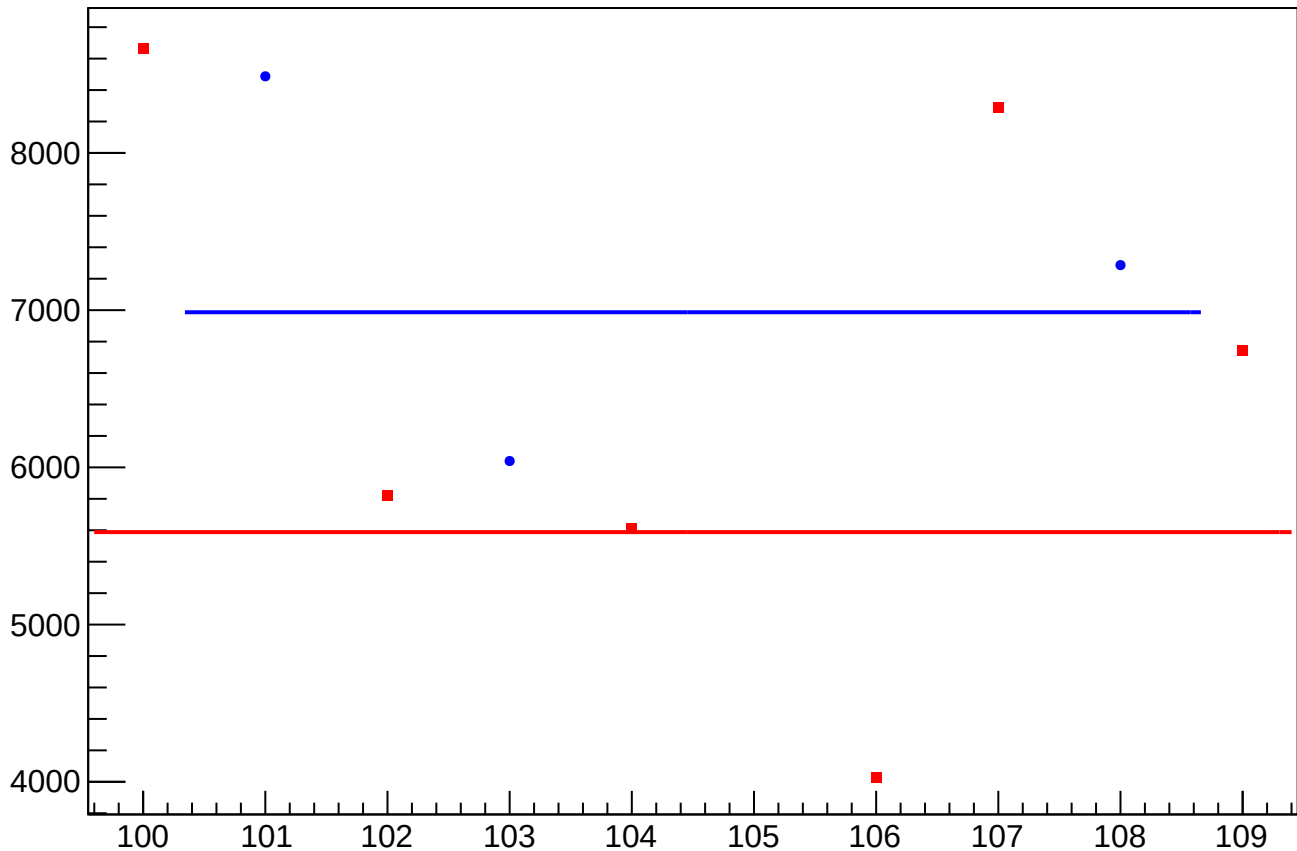
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -5003.226+/-3093.814 χ^2 /NDF: 4.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_dit_correction_rms vs Slug



Right In: 6986.667 $\pm$ 3.904 χ^2 /NDF: 71053.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5588.249 $\pm$ 2.641 χ^2 /NDF: 199640.1/5

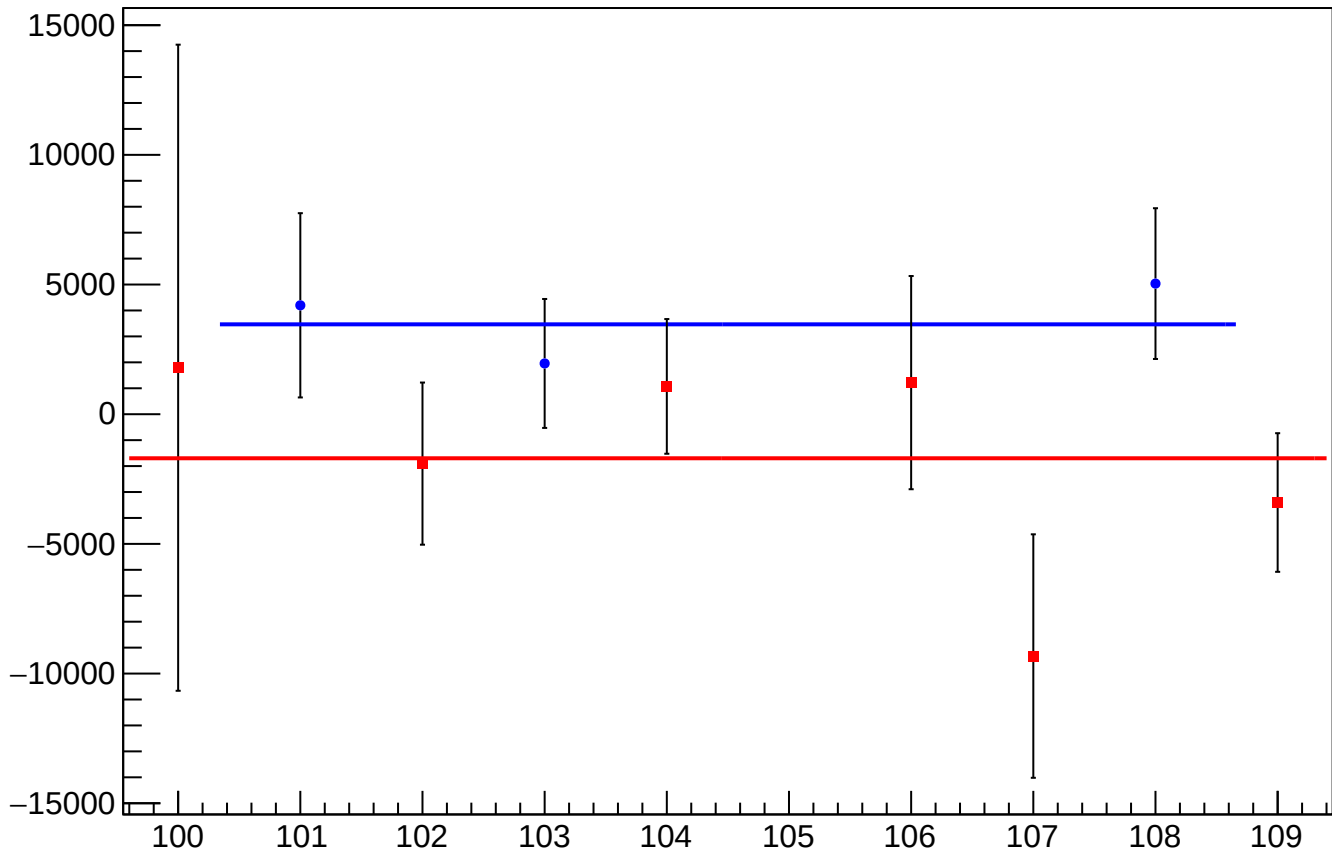
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6027.327 $\pm$ 2.188 χ^2 /NDF: 358708.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl2_mean vs Slug



Right In: 3465.273 $\pm$ 1667.853 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1698.883 $\pm$ 1411.867 χ^2 /NDF: 4.8/5

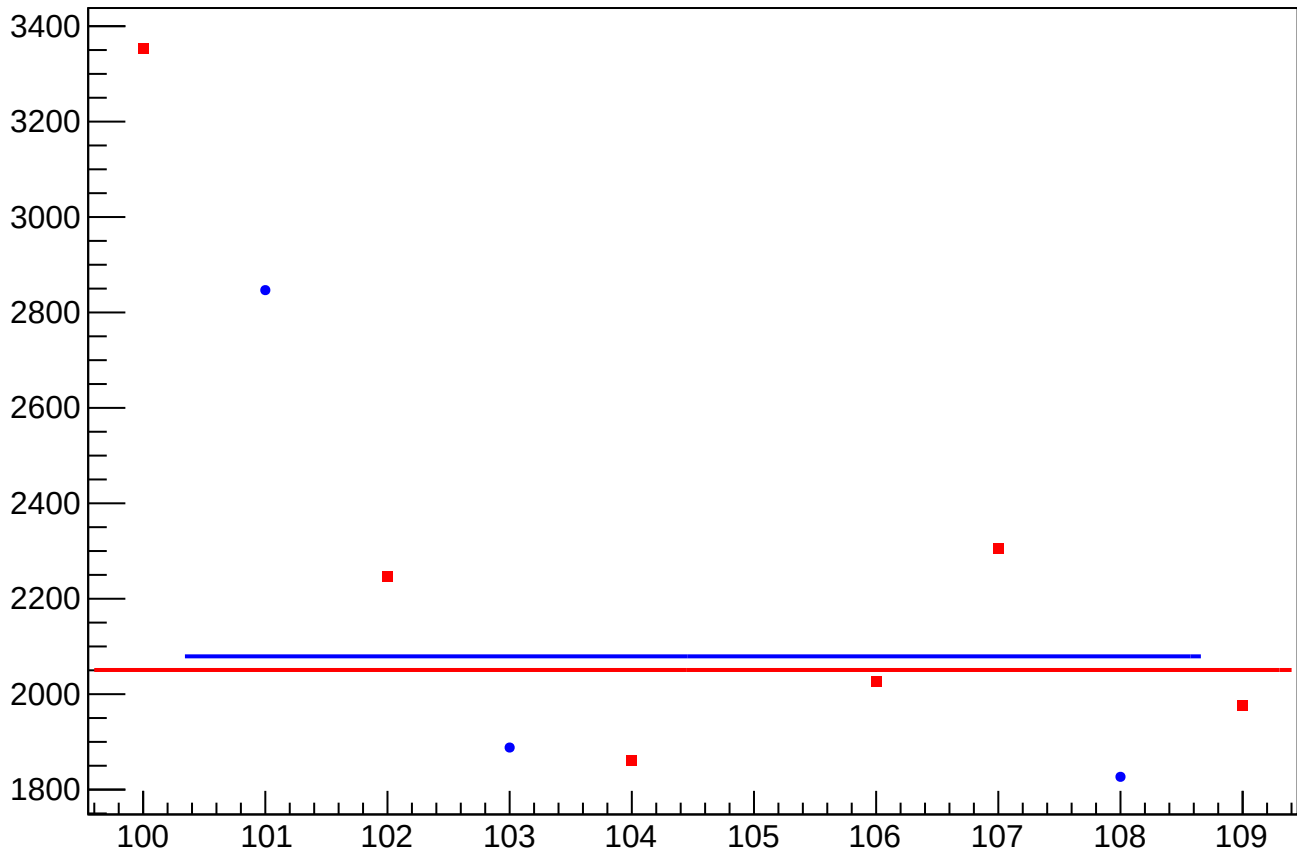
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 456.896 $\pm$ 1077.606 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl2_rms vs Slug



Right In: 2079.273+/-1.179 χ^2/NDF : 120289.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2050.689+/-0.993 χ^2/NDF : 47923.9/5

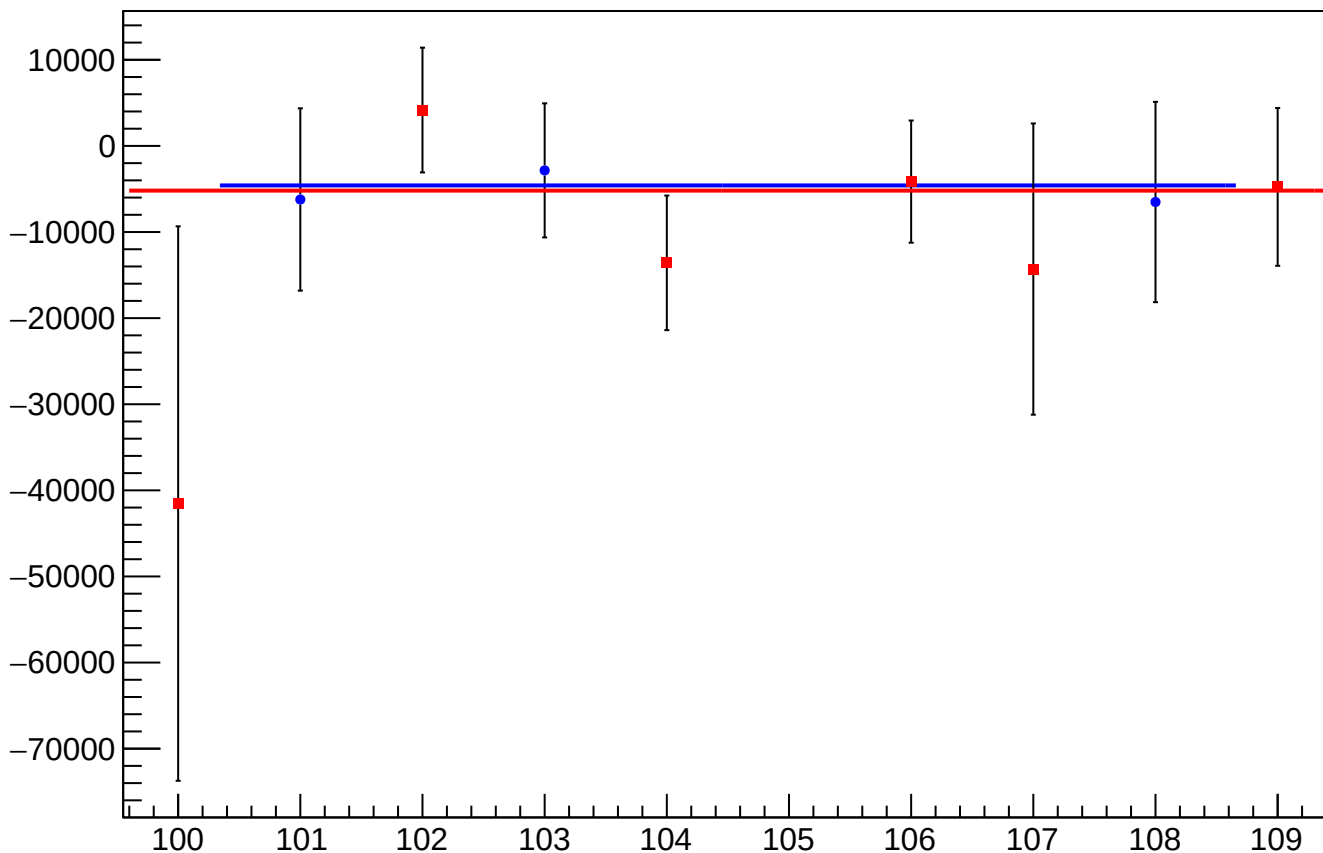
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.552+/-0.760 χ^2/NDF : 168556.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_mean vs Slug



Right In: -4588.987+/-5521.304 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5192.818+/-3735.301 χ^2/NDF : 4.4/5

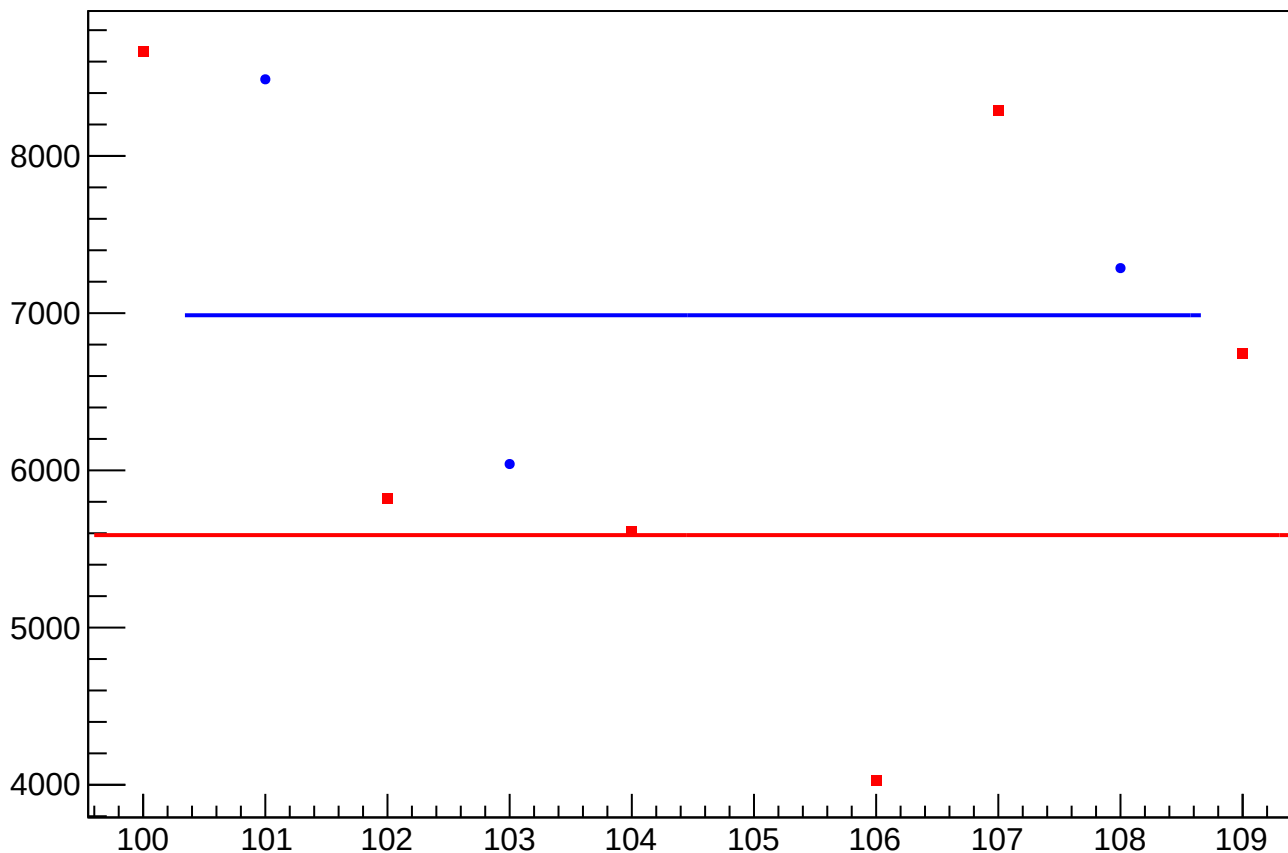
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5003.226+/-3093.810 χ^2/NDF : 4.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 6986.659 $\pm$ 3.904 χ^2 /NDF: 71052.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5588.240 $\pm$ 2.641 χ^2 /NDF: 199641.2/5

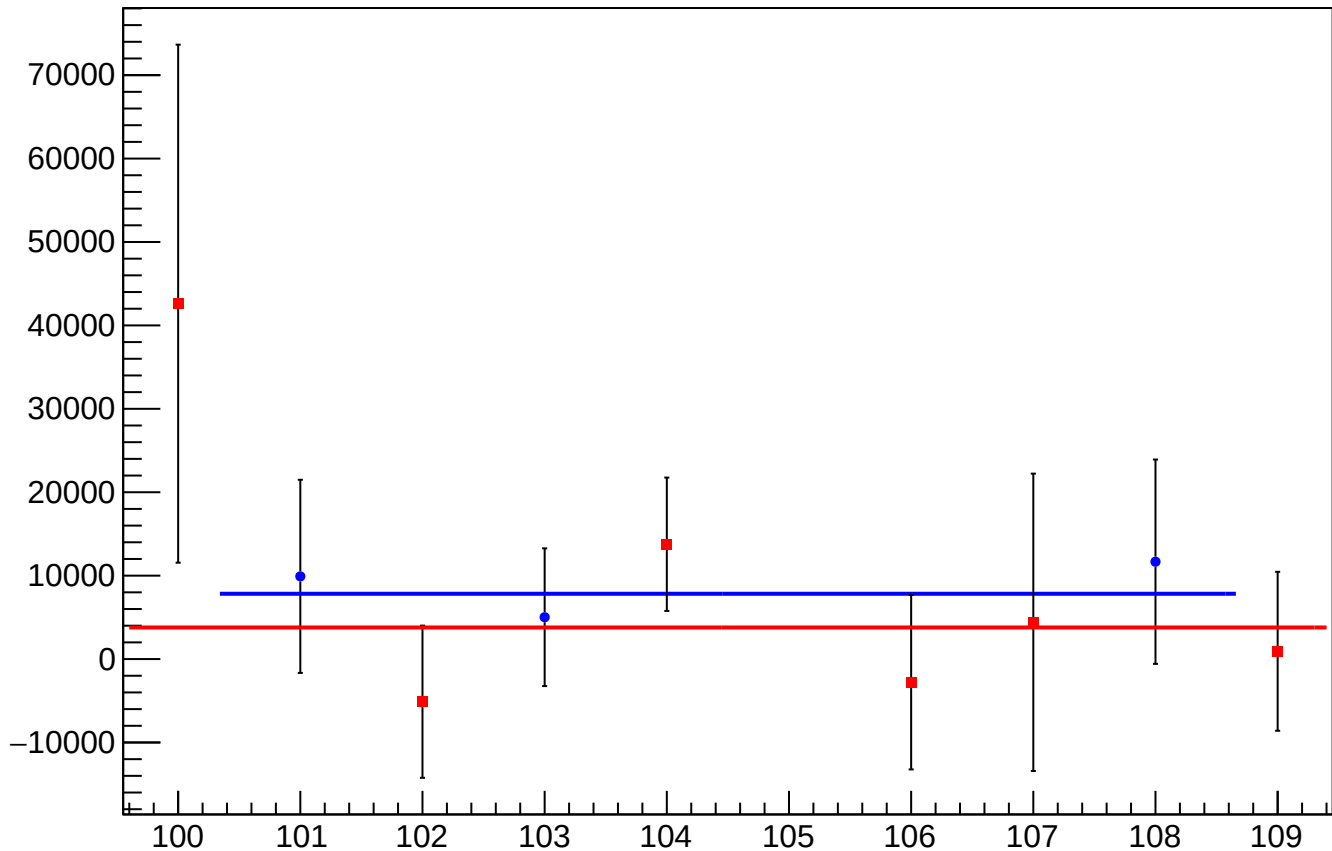
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6027.317 $\pm$ 2.188 χ^2 /NDF: 358709.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_mean vs Slug



Right In: 7827.694+/-5893.320 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3786.581+/-4384.915 χ^2/NDF : 4.6/5

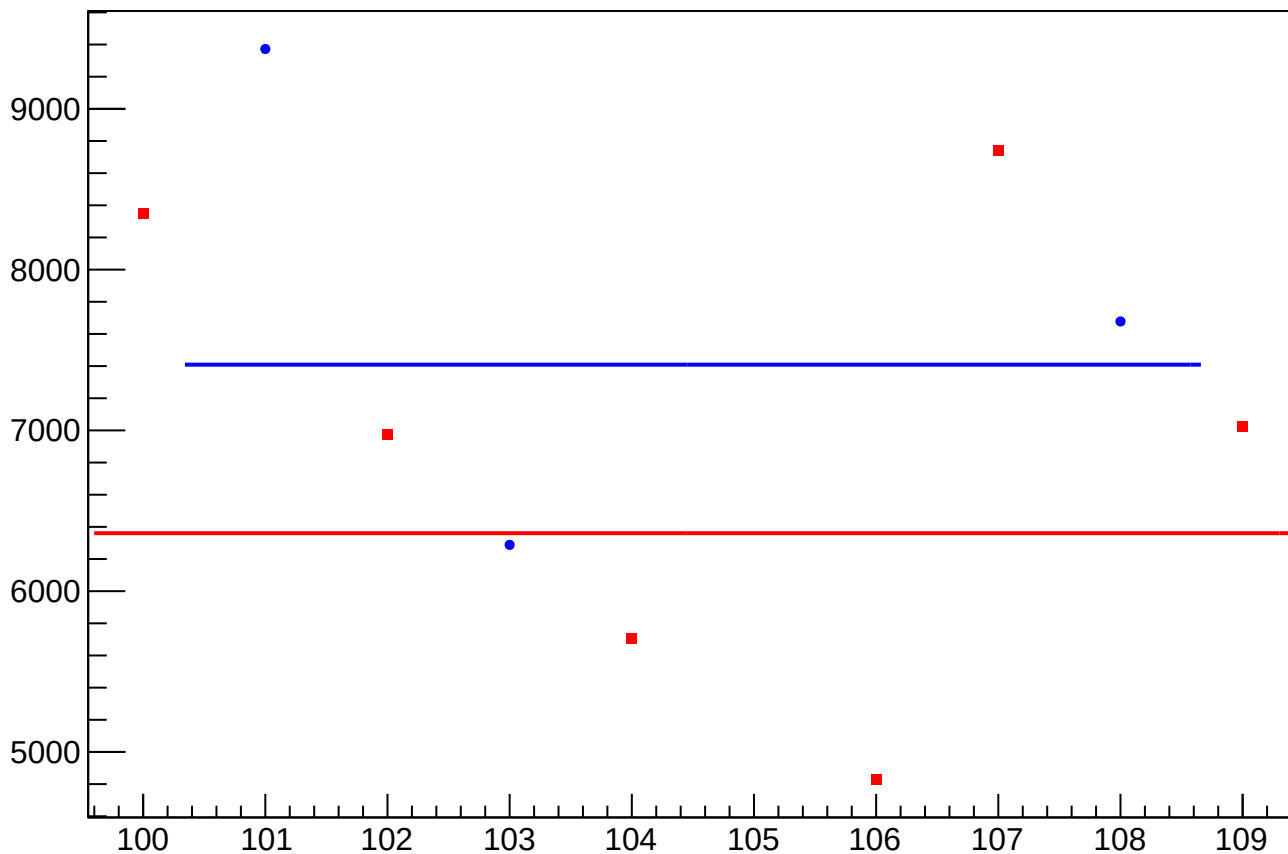
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5226.579+/-3517.957 χ^2/NDF : 5.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_rms vs Slug



Right In: 7408.870+/-4.167 χ^2/NDF : 95314.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6360.597+/-3.101 χ^2/NDF : 118940.9/5

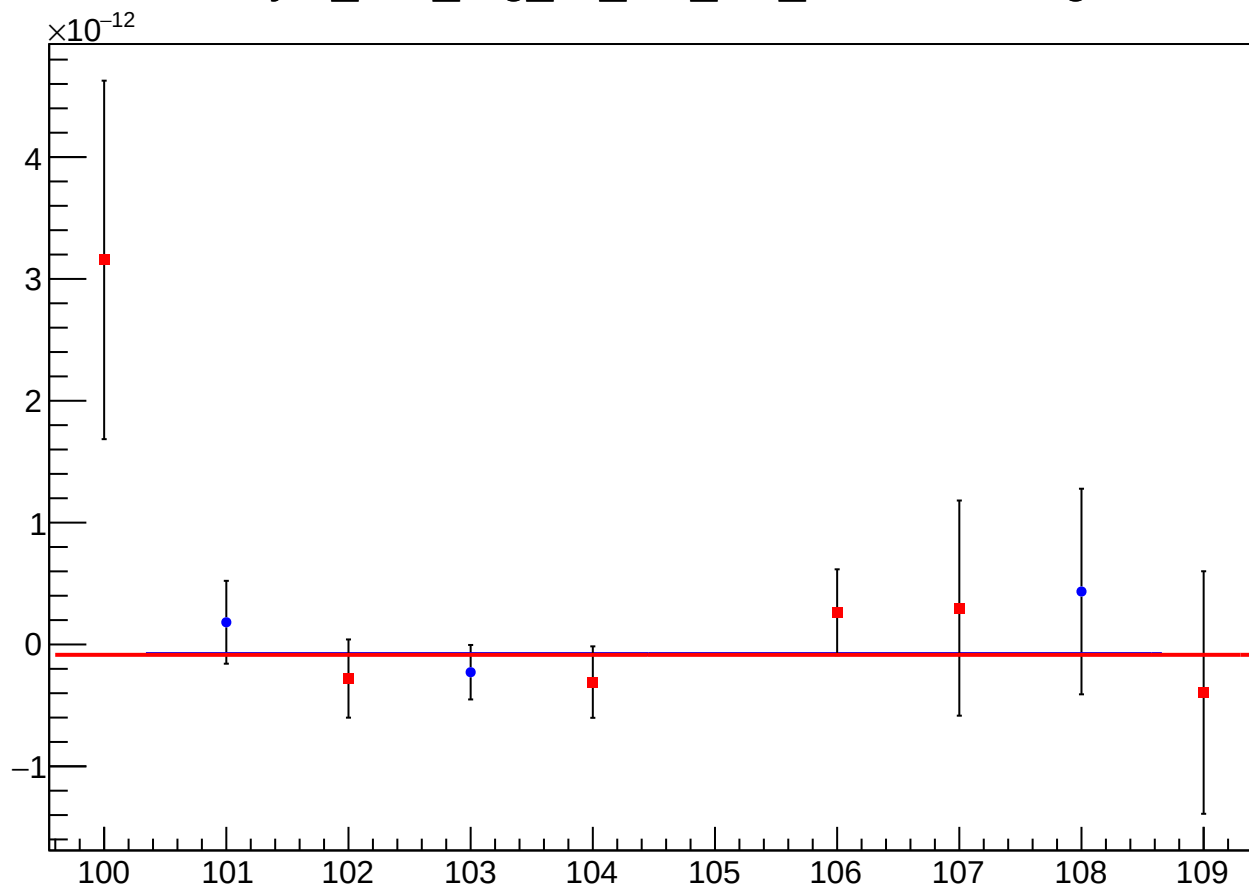
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6734.135+/-2.488 χ^2/NDF : 254986.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 1.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.1/5

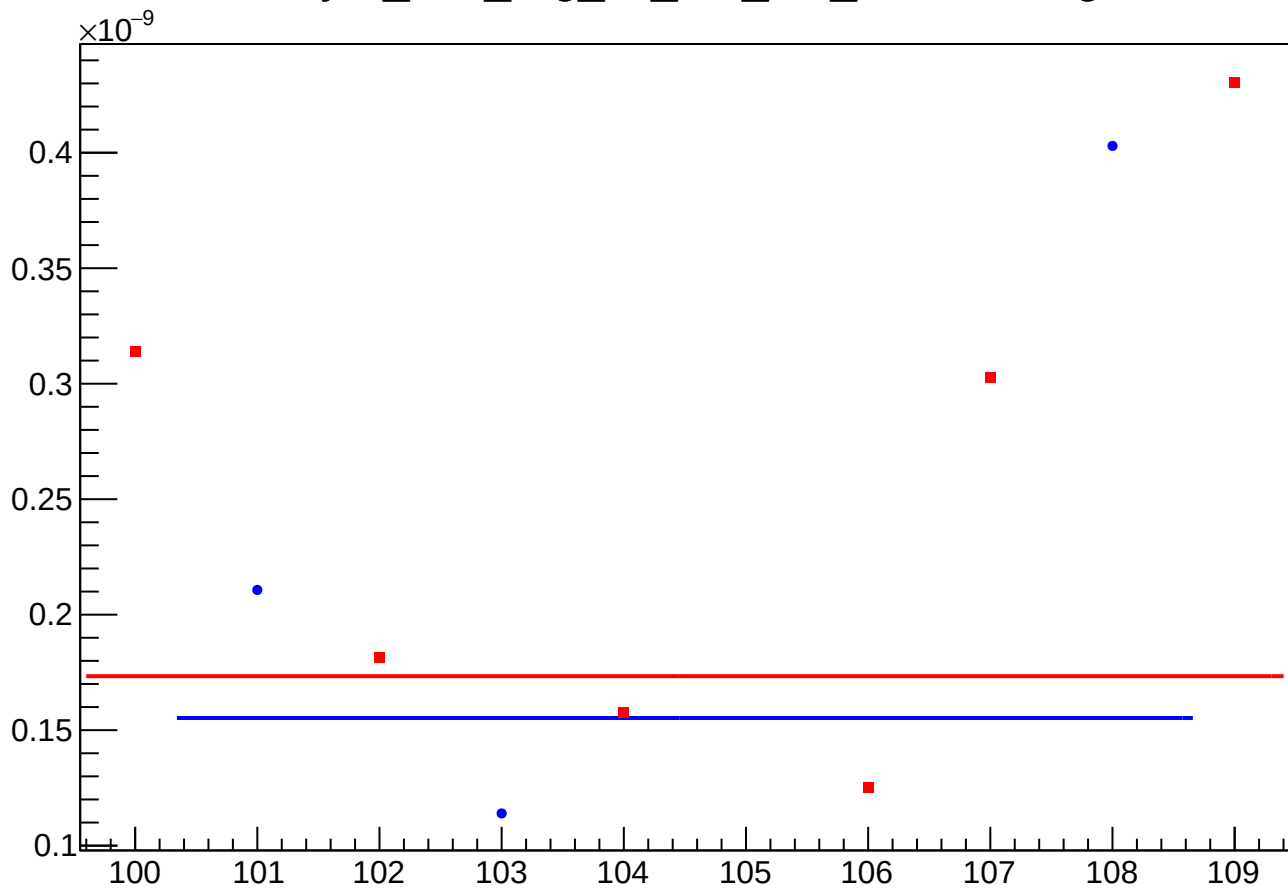
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 293891.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 239056.9/5

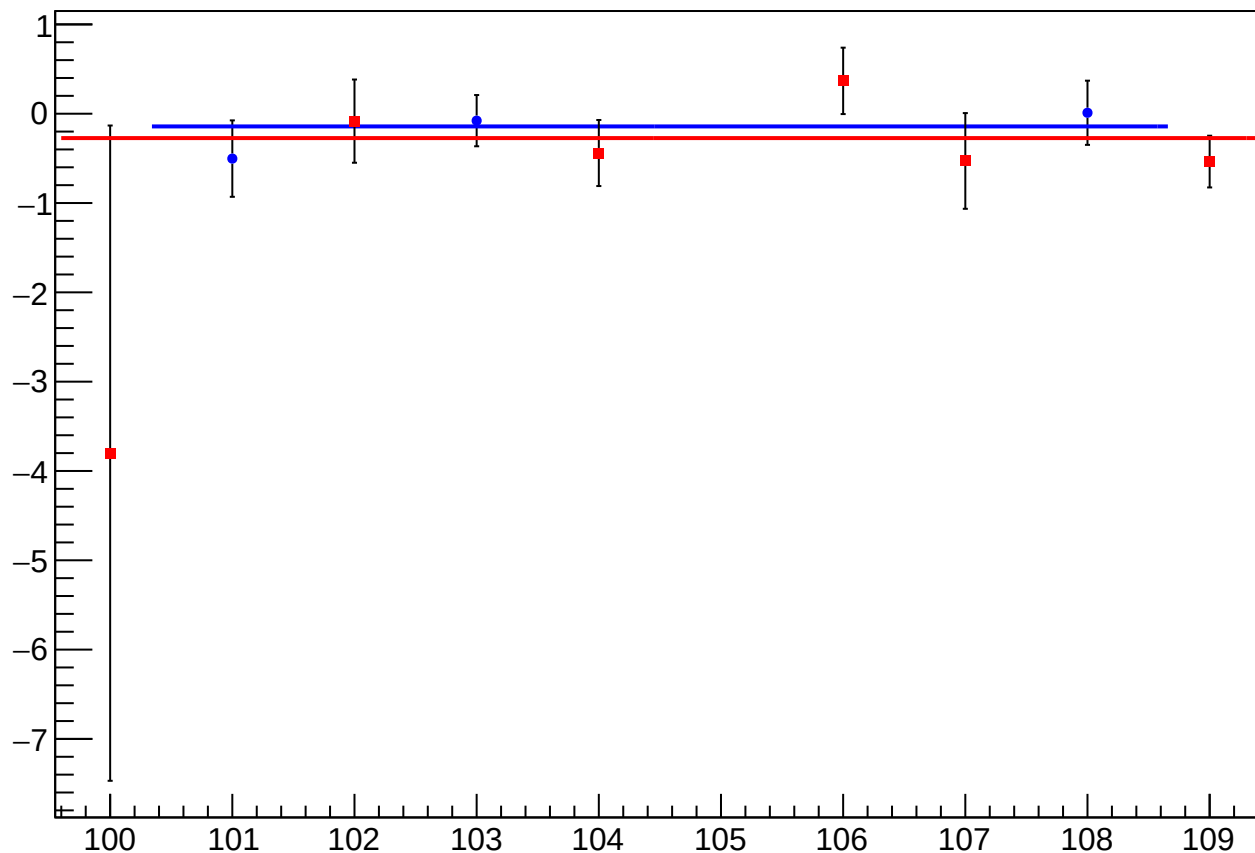
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 543125.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym atl2 dit vs cor diff mean vs Slug



Right In: -0.142 ± 0.199 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.273 ± 0.170 χ^2/NDF : 5.3/5

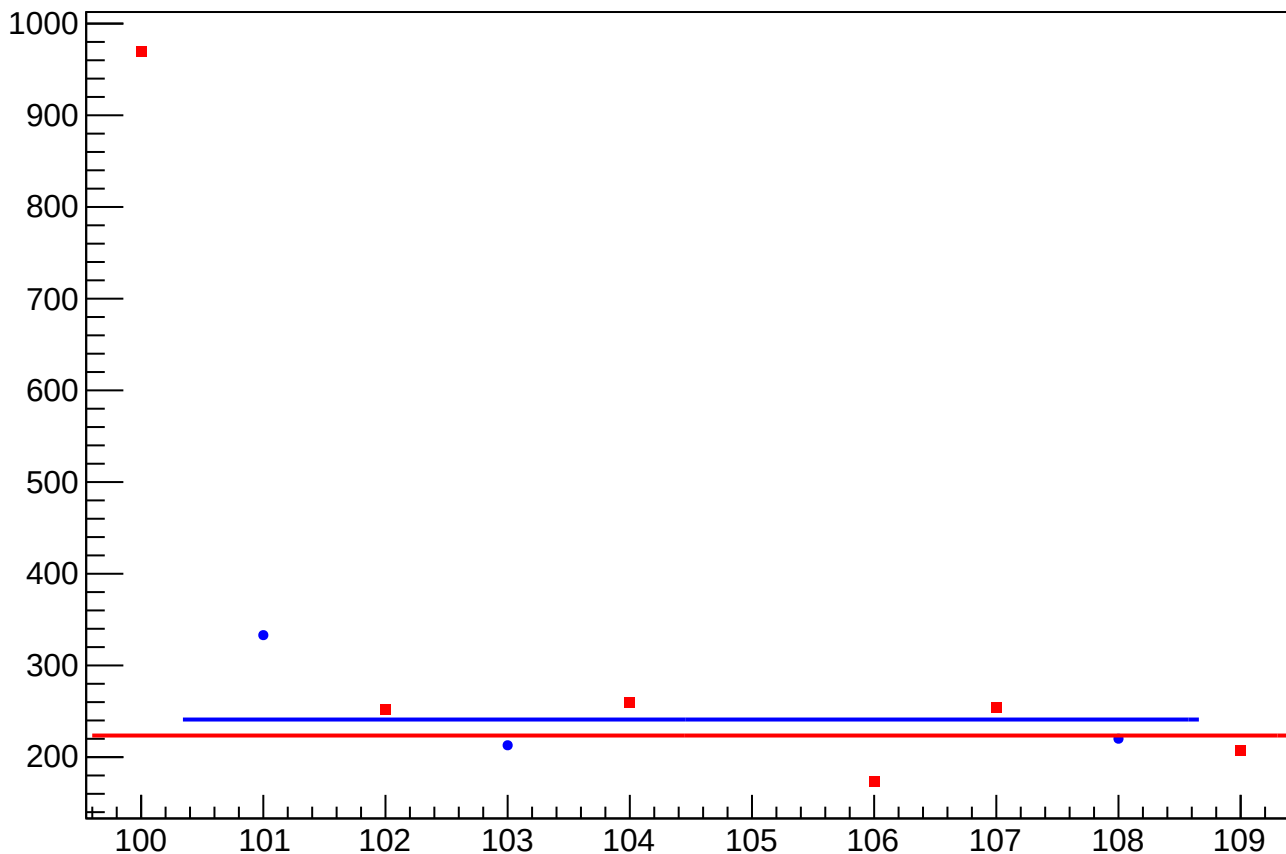
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.218 ± 0.129 χ^2/NDF : 6.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 241.019 $\pm$ 0.140 χ^2 /NDF: 118486.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 223.567 $\pm$ 0.120 χ^2 /NDF: 158057.2/5

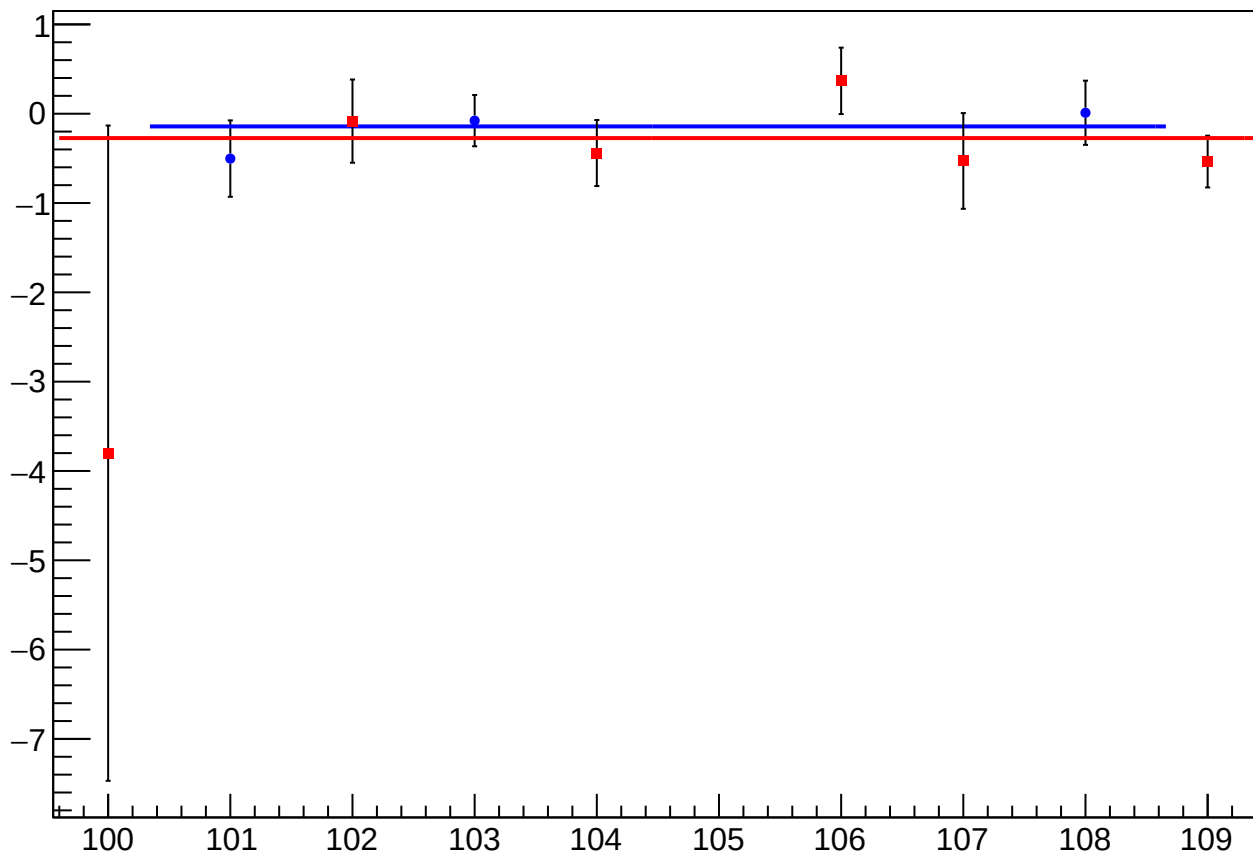
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 230.943 $\pm$ 0.091 χ^2 /NDF: 285461.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.142 ± 0.199 $\chi^2/\text{NDF}: 0.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.273 ± 0.170 $\chi^2/\text{NDF}: 5.3/5$

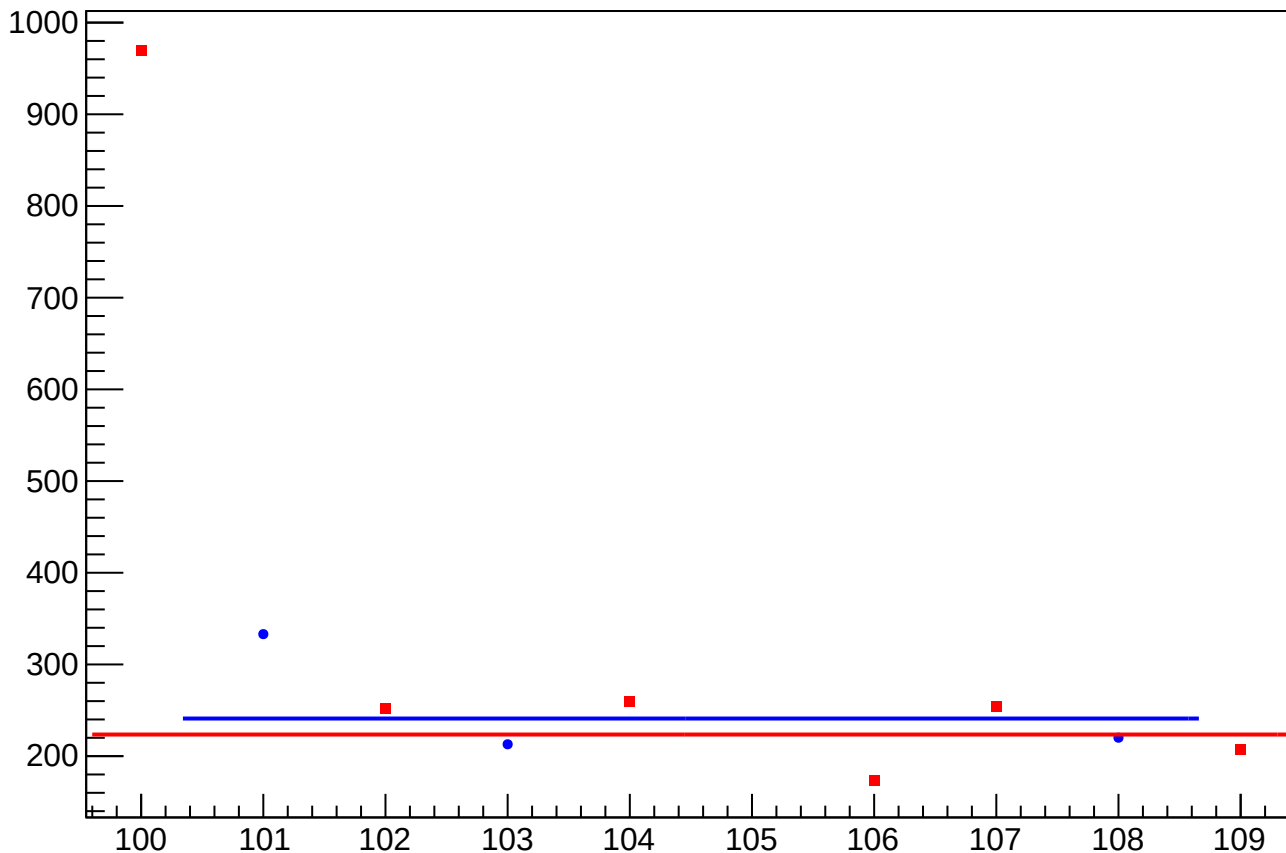
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.218 ± 0.129 $\chi^2/\text{NDF}: 6.5/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 241.019 $\pm$ 0.140 χ^2 /NDF: 118486.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 223.567 $\pm$ 0.120 χ^2 /NDF: 158057.2/5

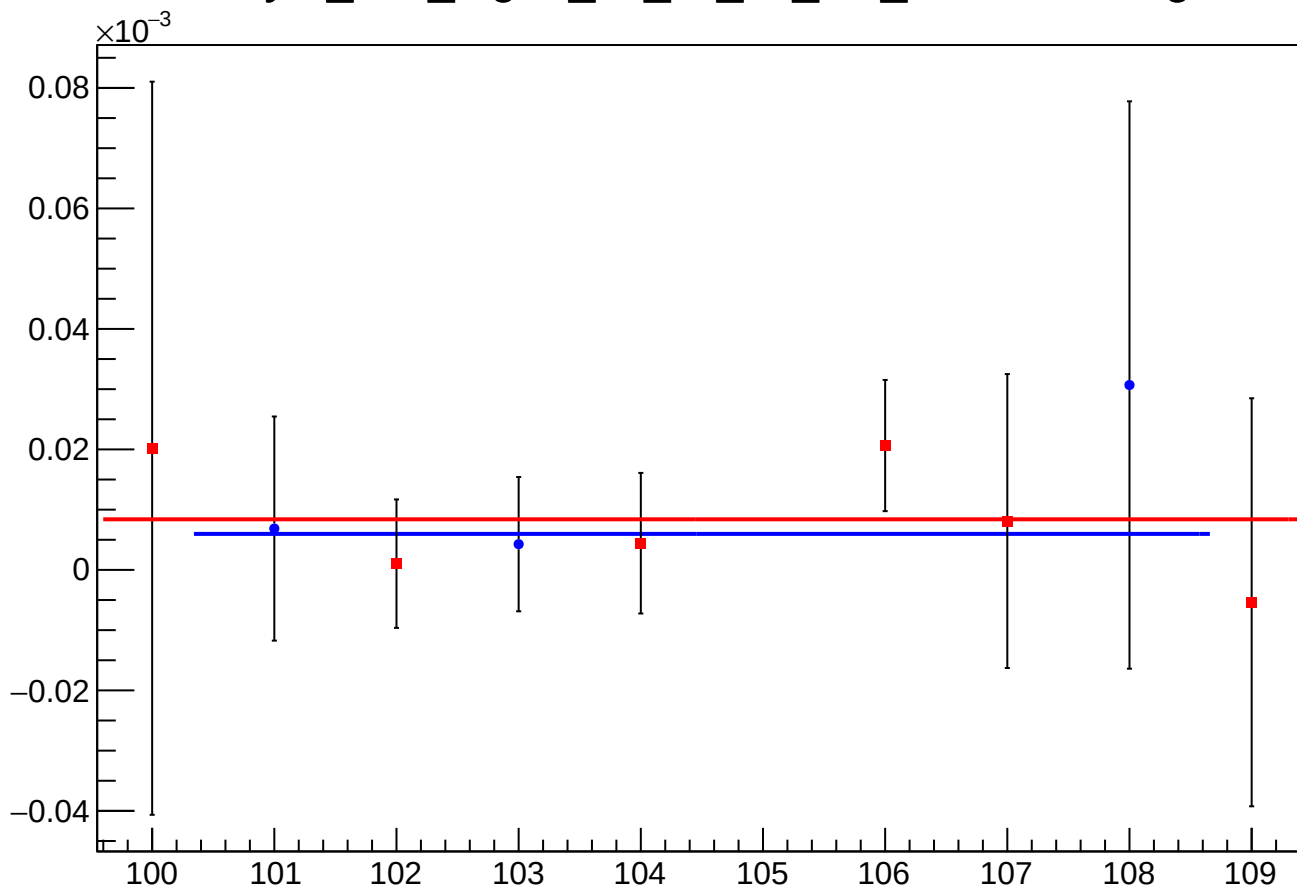
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 230.943 $\pm$ 0.091 χ^2 /NDF: 285461.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/5

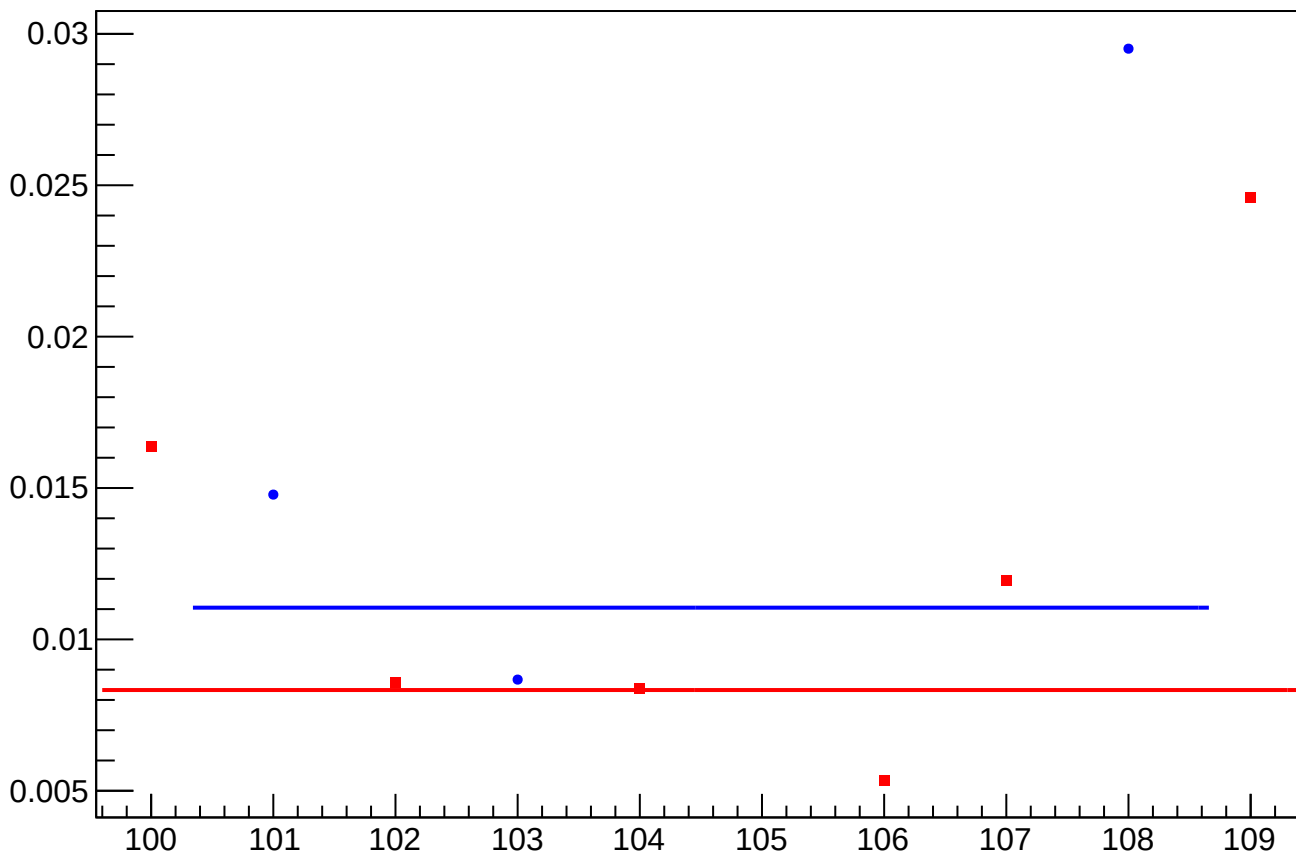
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 478933.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 693076.4/5

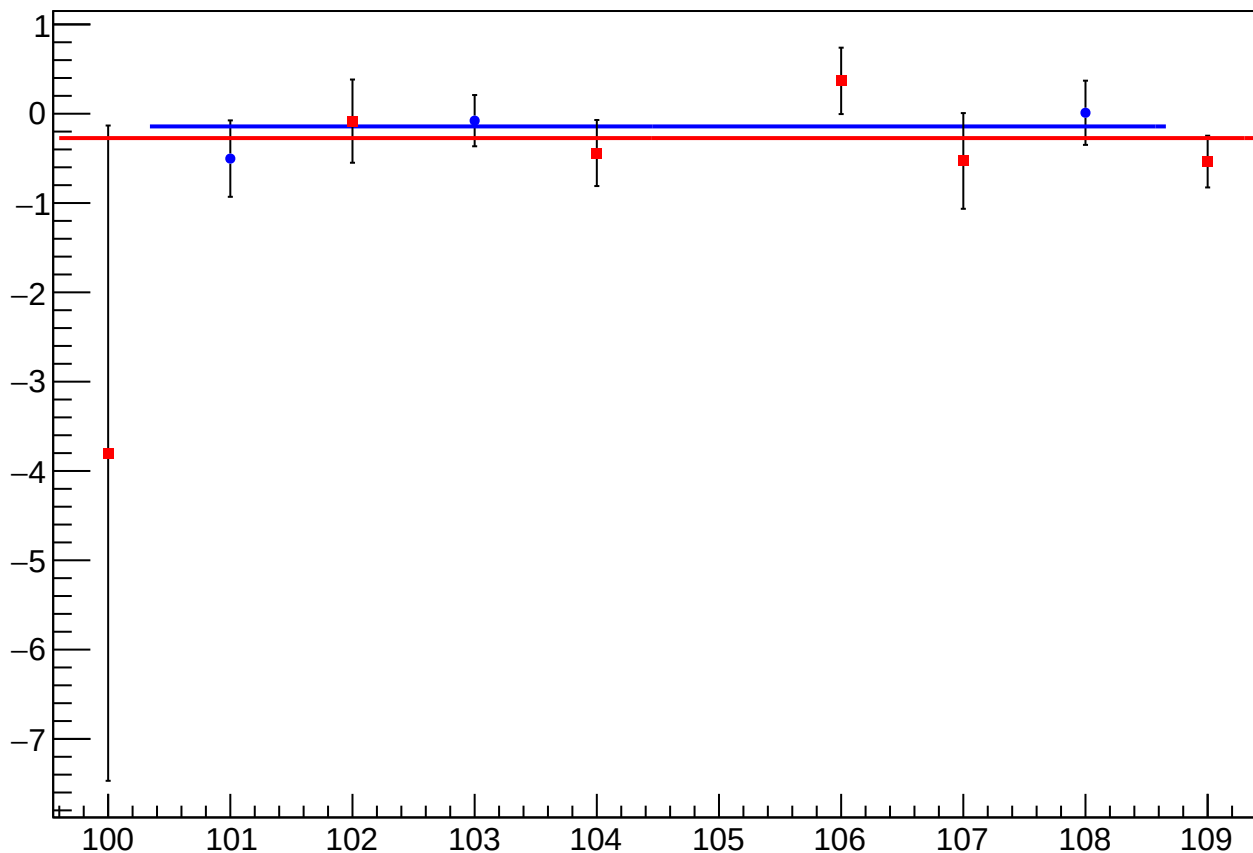
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 1291113.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.142 ± 0.199 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.273 ± 0.170 χ^2/NDF : 5.3/5

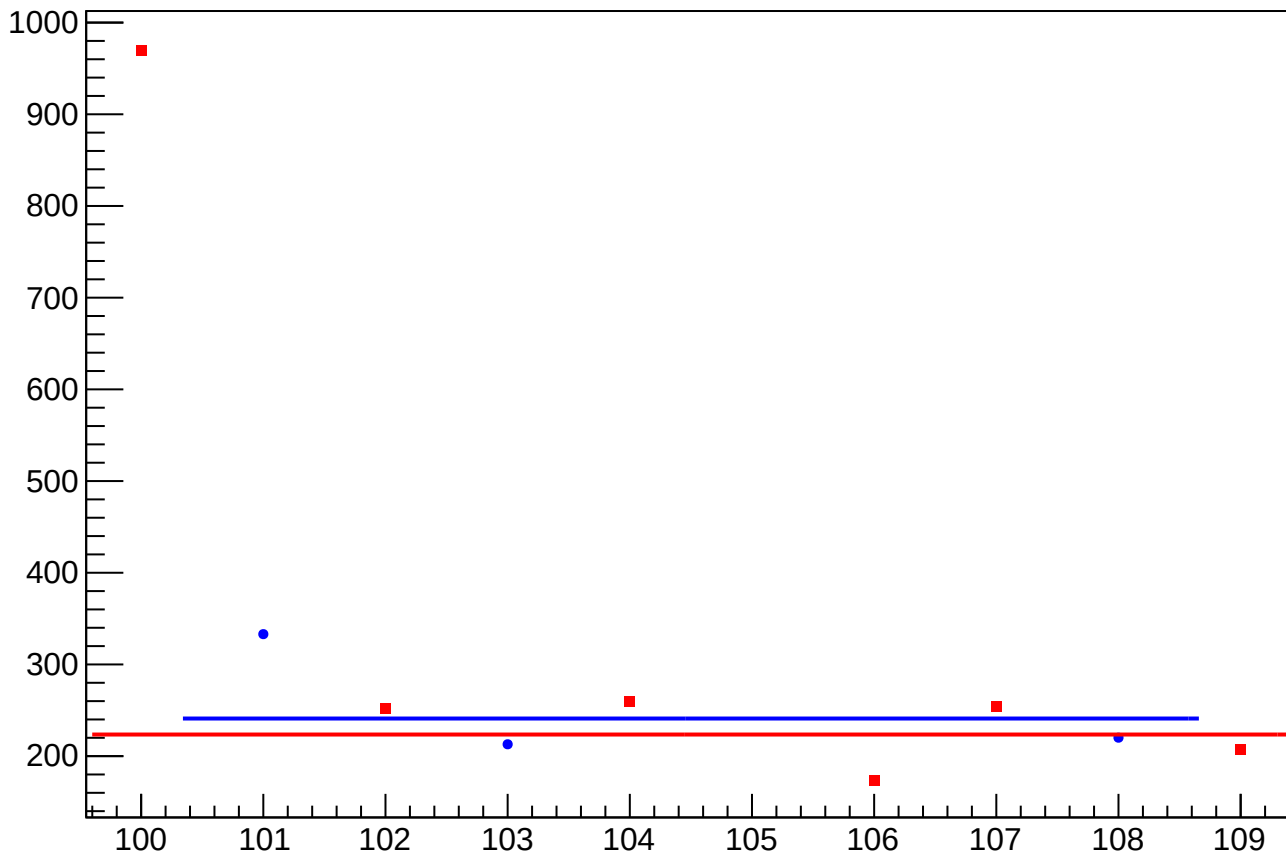
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.218 ± 0.129 χ^2/NDF : 6.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 241.026+/-0.140 χ^2/NDF : 118460.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.569+/-0.120 χ^2/NDF : 158056.1/5

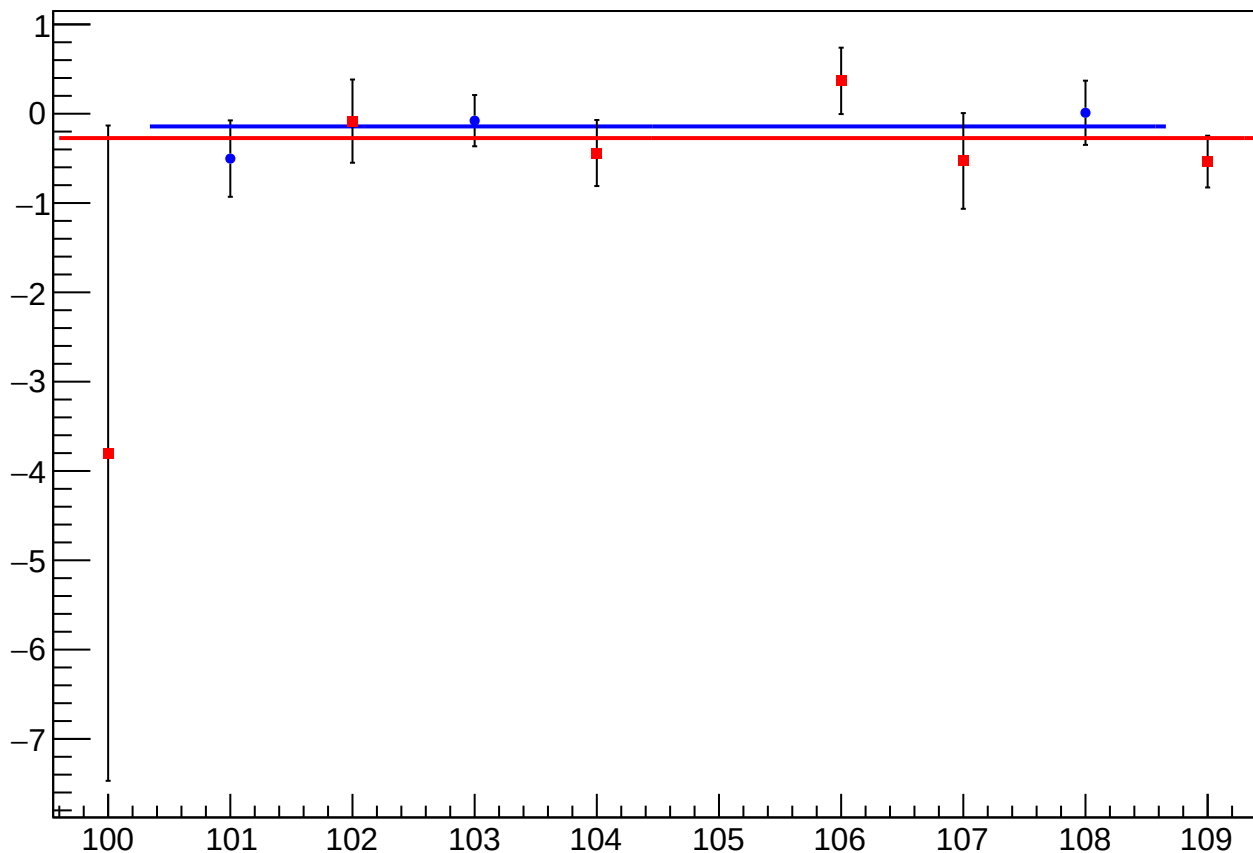
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.947+/-0.091 χ^2/NDF : 285438.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.142 ± 0.199 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.273 ± 0.170 χ^2/NDF : 5.3/5

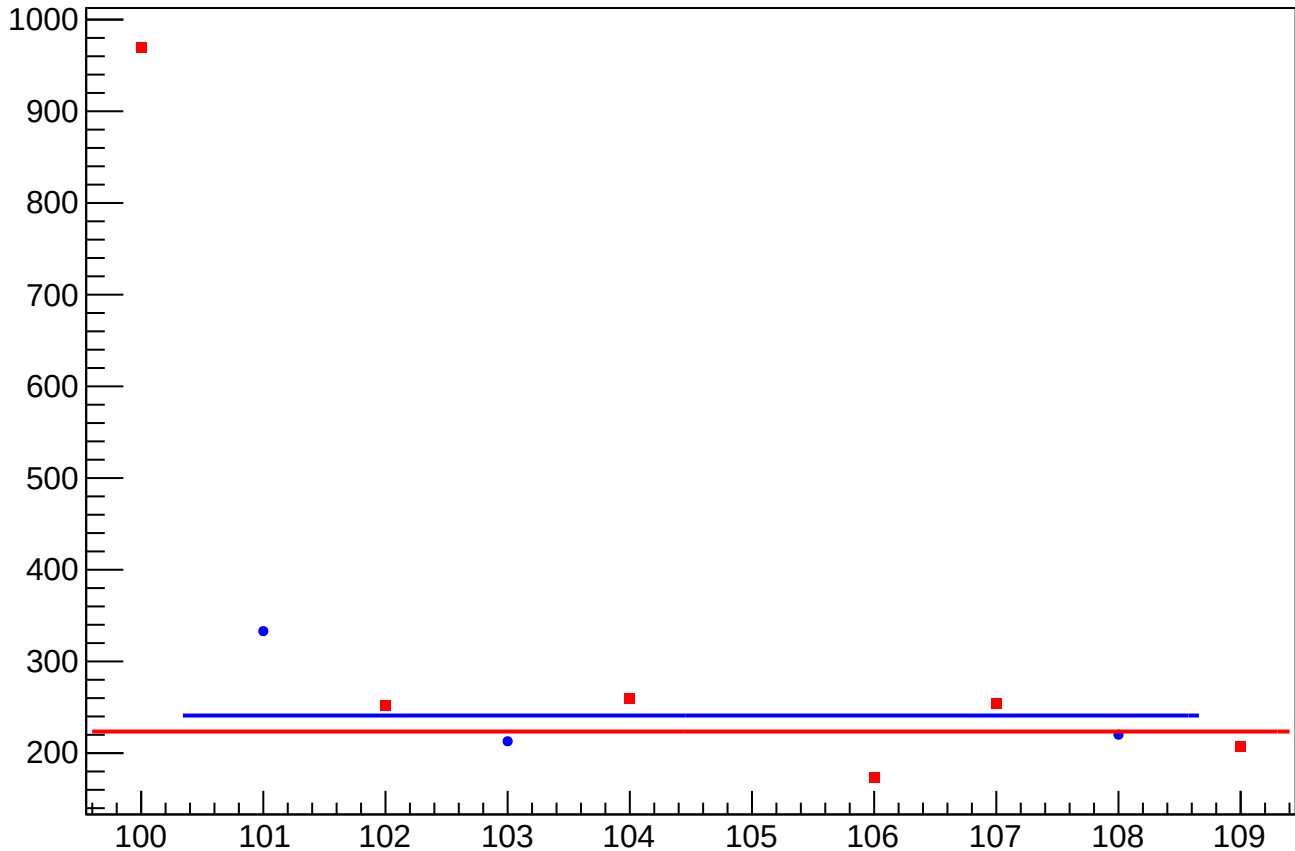
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.218 ± 0.129 χ^2/NDF : 6.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 241.026+/-0.140 χ^2/NDF : 118460.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.569+/-0.120 χ^2/NDF : 158056.1/5

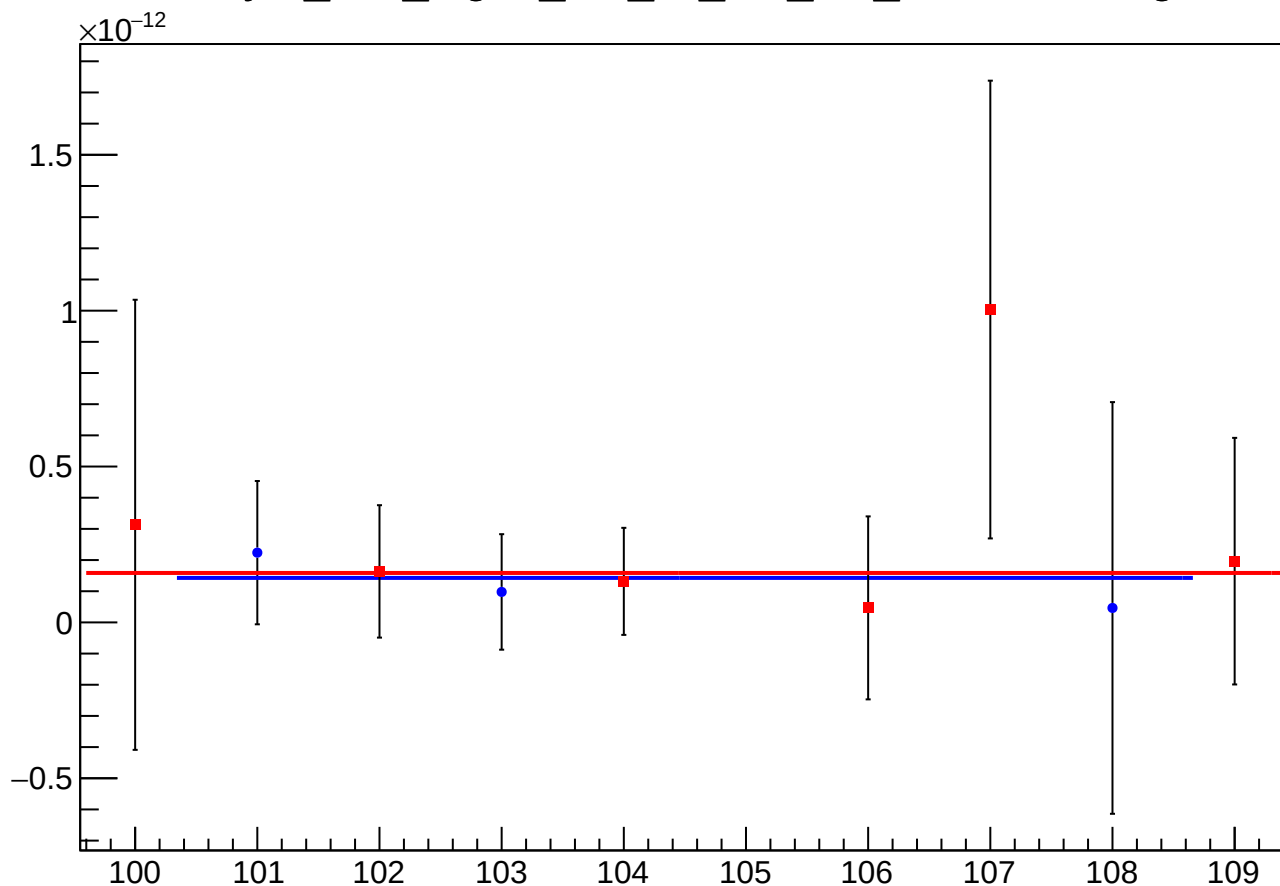
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.947+/-0.091 χ^2/NDF : 285438.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/5

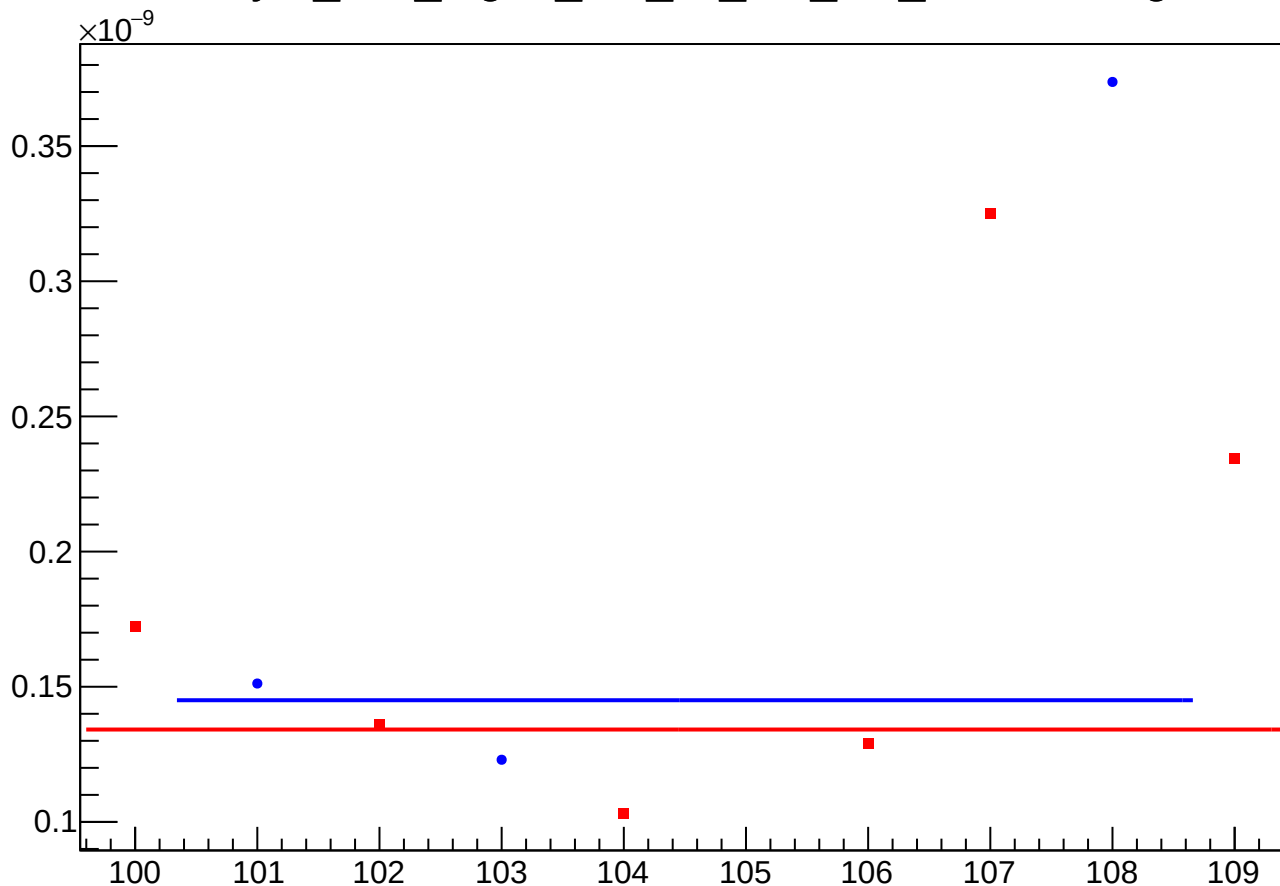
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 269633.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 335349.9/5

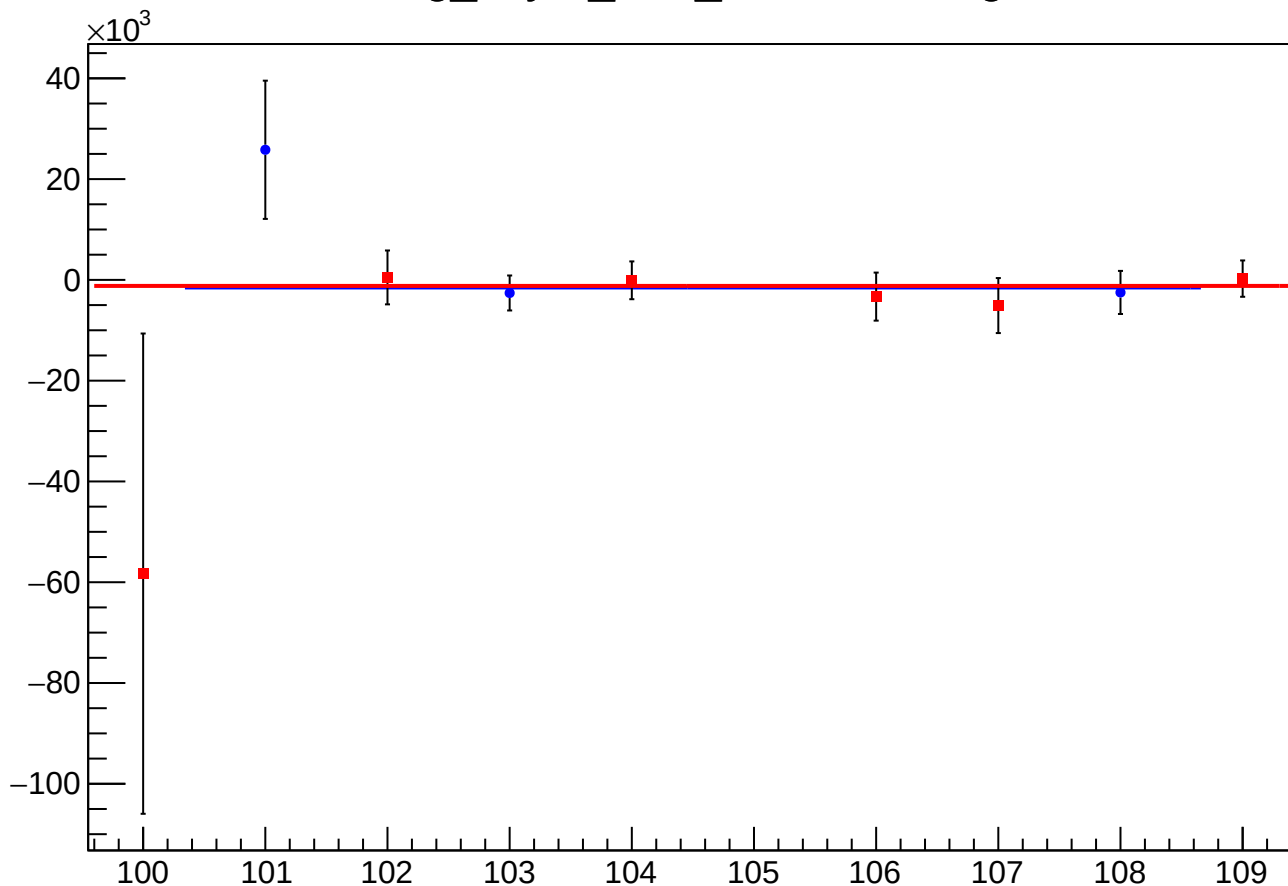
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 612168.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_mean vs Slug



Right In: -1502.063+/-2644.119 χ^2 /NDF: 4.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1196.021+/-1957.245 χ^2 /NDF: 2.5/5

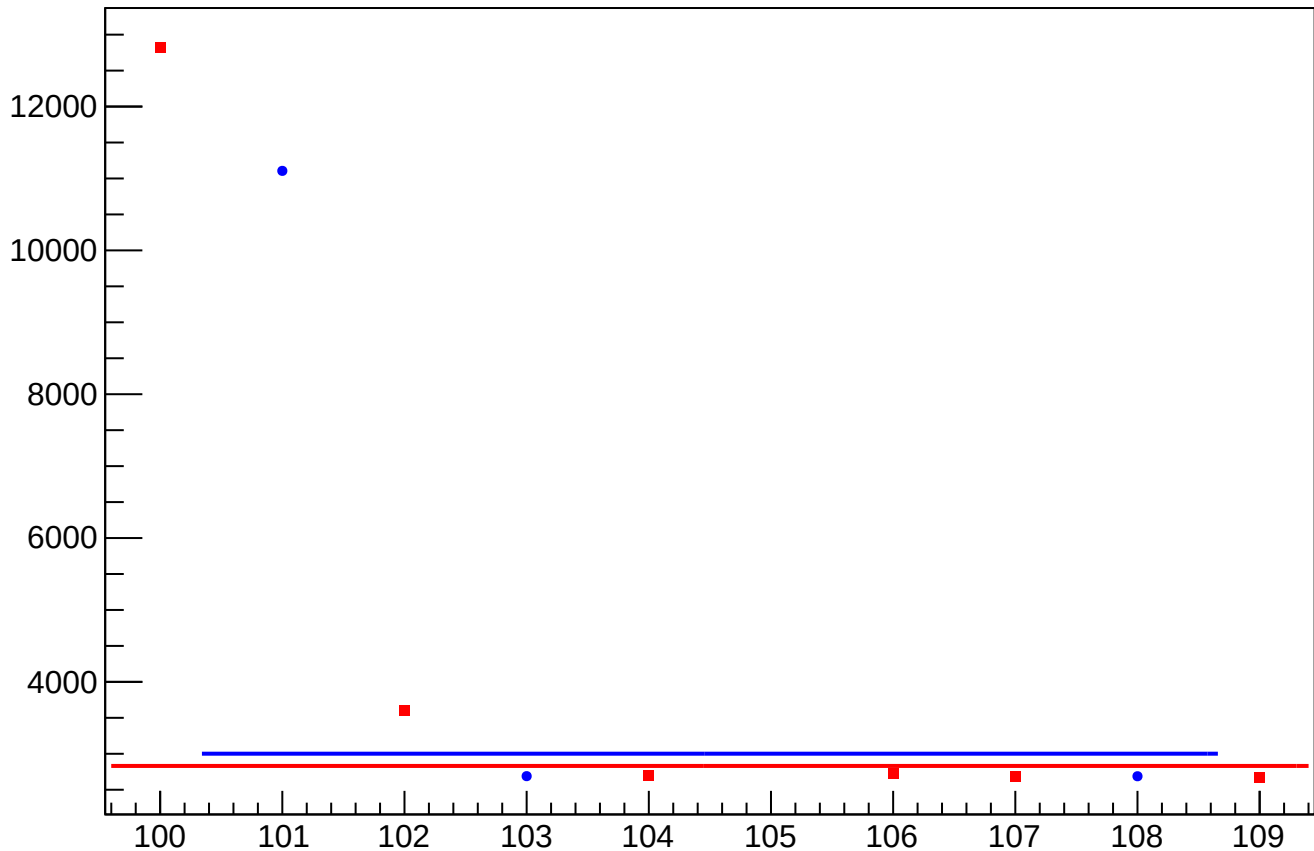
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1304.353+/-1573.146 χ^2 /NDF: 6.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_rms vs Slug



Right In: 3001.243+/-1.870 χ^2/NDF : 725194.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2830.979+/-1.384 χ^2/NDF : 139049.3/5

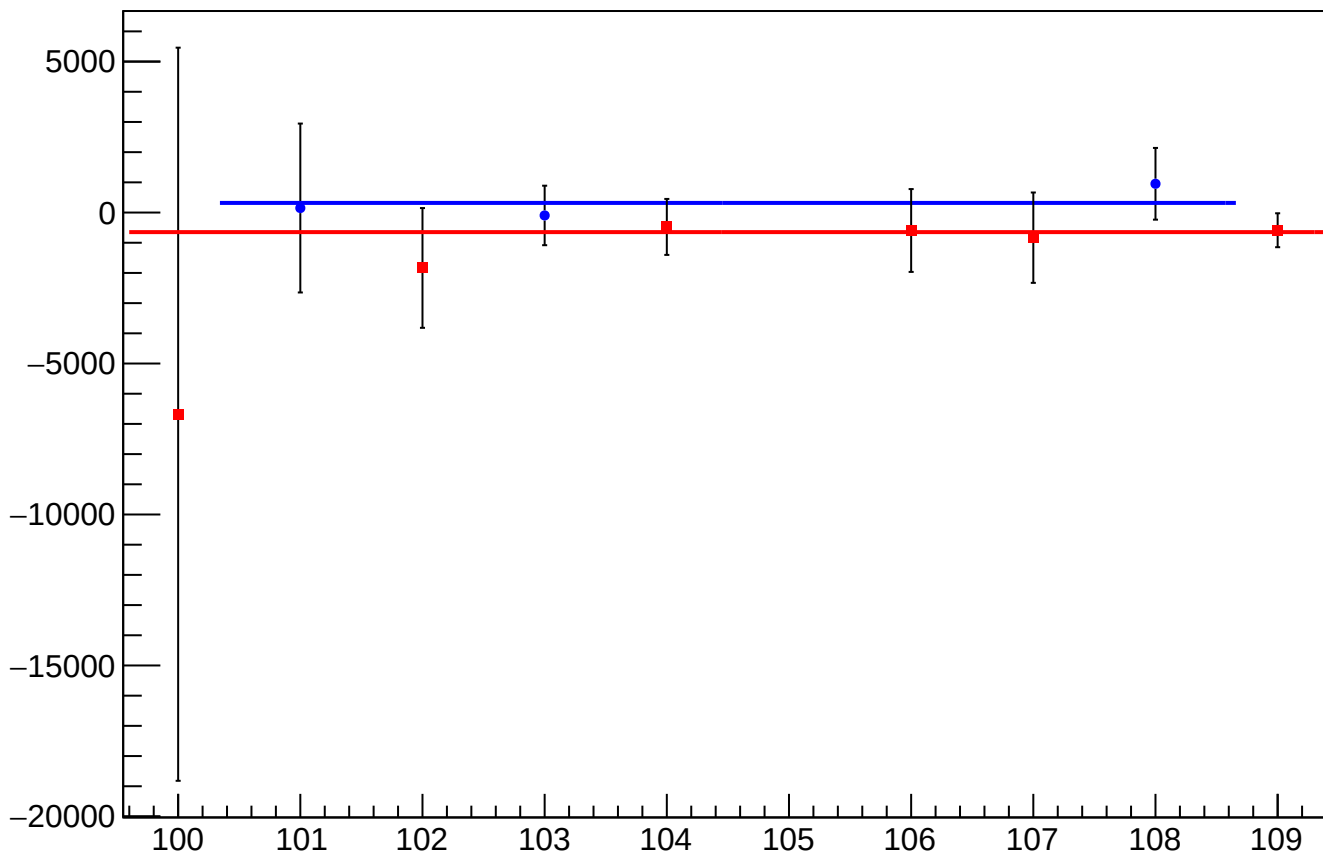
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2891.248+/-1.112 χ^2/NDF : 869601.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_correction_mean vs Slug



Right In: 319.055 $\pm$ 731.911 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -647.950 $\pm$ 423.698 χ^2 /NDF: 0.7/5

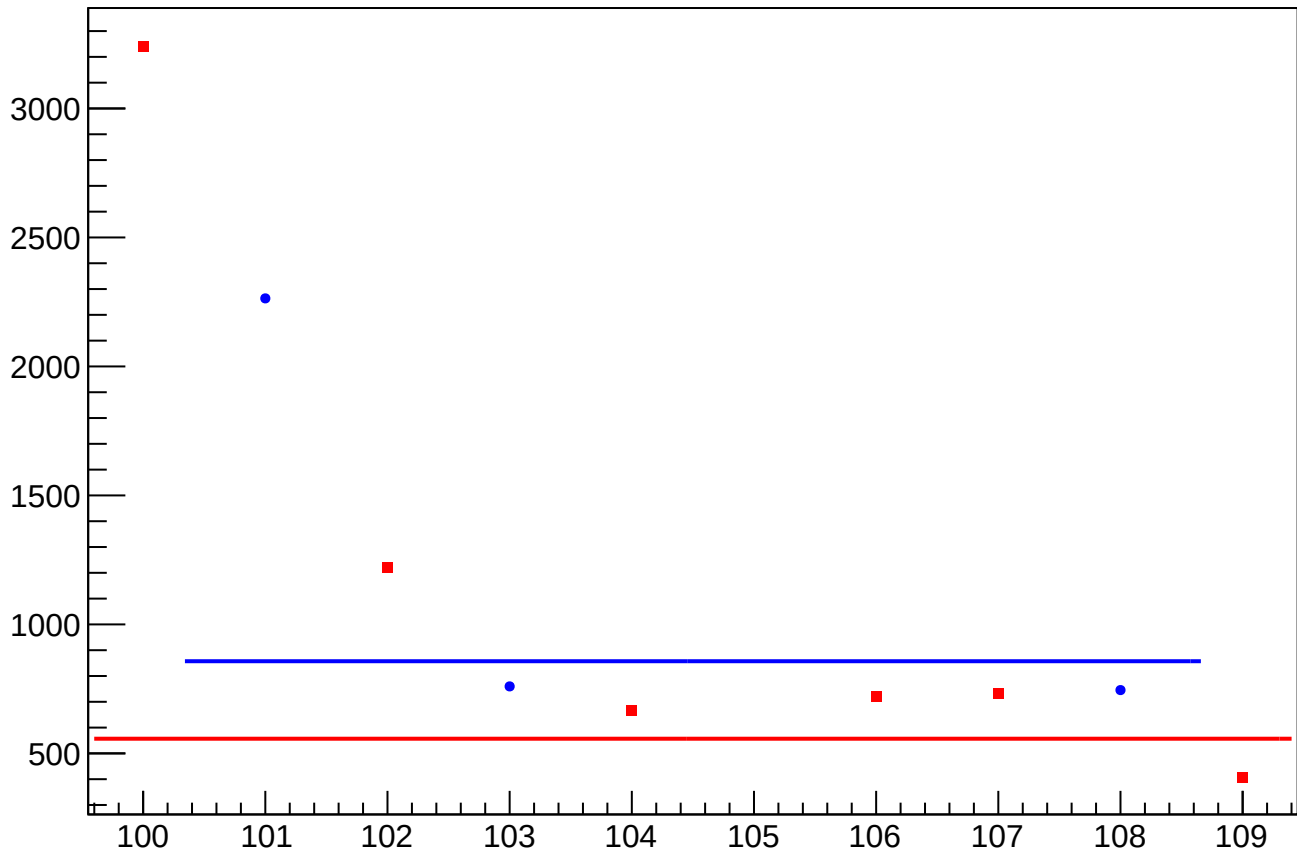
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -405.230 $\pm$ 366.688 χ^2 /NDF: 2.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_reg_correction_rms vs Slug



Right In: 857.283 $\pm$ 0.518 χ^2 /NDF: 543134.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 556.879 $\pm$ 0.300 χ^2 /NDF: 550599.3/5

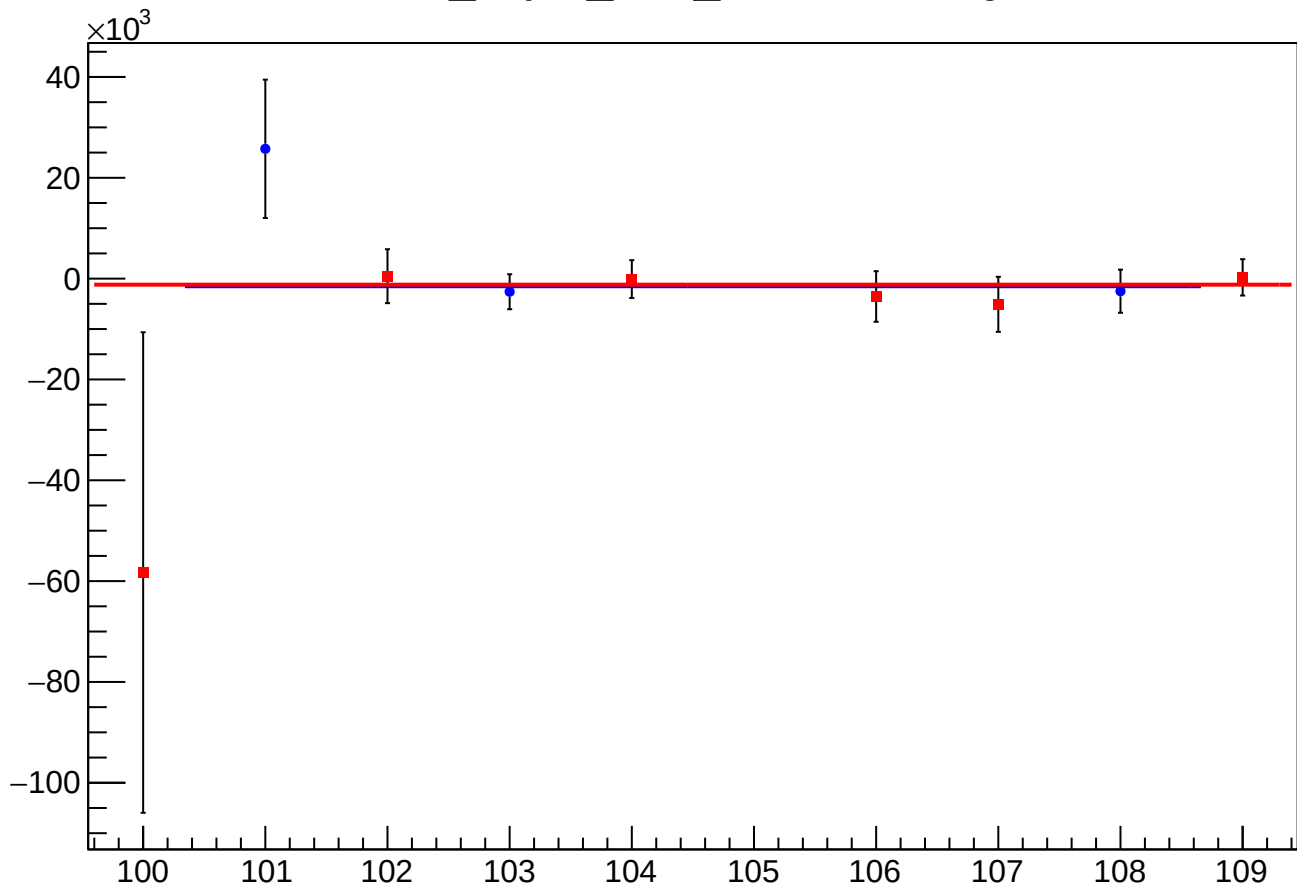
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 632.281 $\pm$ 0.259 χ^2 /NDF: 1346086.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1_mean vs Slug



Right In: -1506.012 $\pm$ 2644.121 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1197.792 $\pm$ 1973.496 χ^2 /NDF: 2.5/5

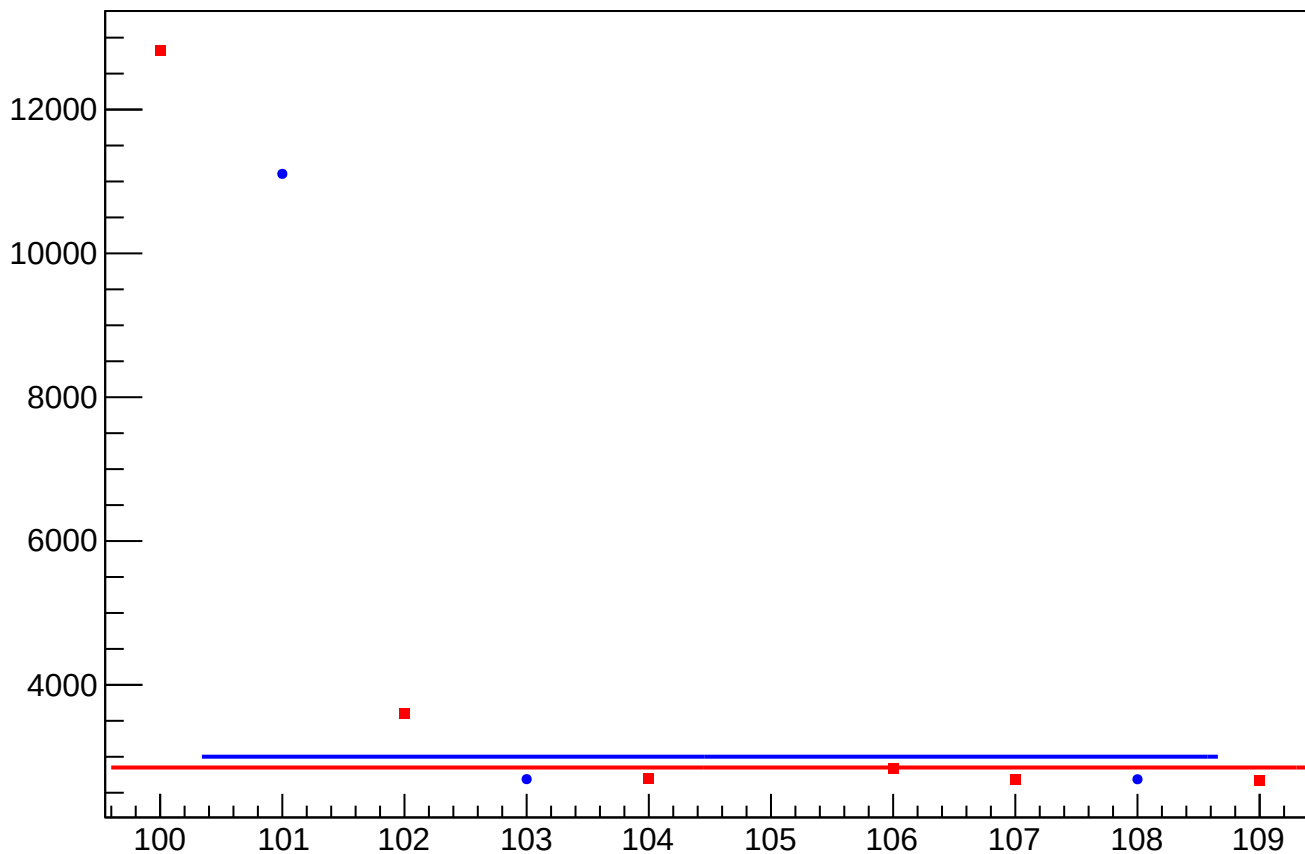
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1308.063 $\pm$ 1581.547 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1_rms vs Slug



Right In: 3001.243+/-1.870 χ^2/NDF : 725193.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2850.978+/-1.395 χ^2/NDF : 137792.0/5

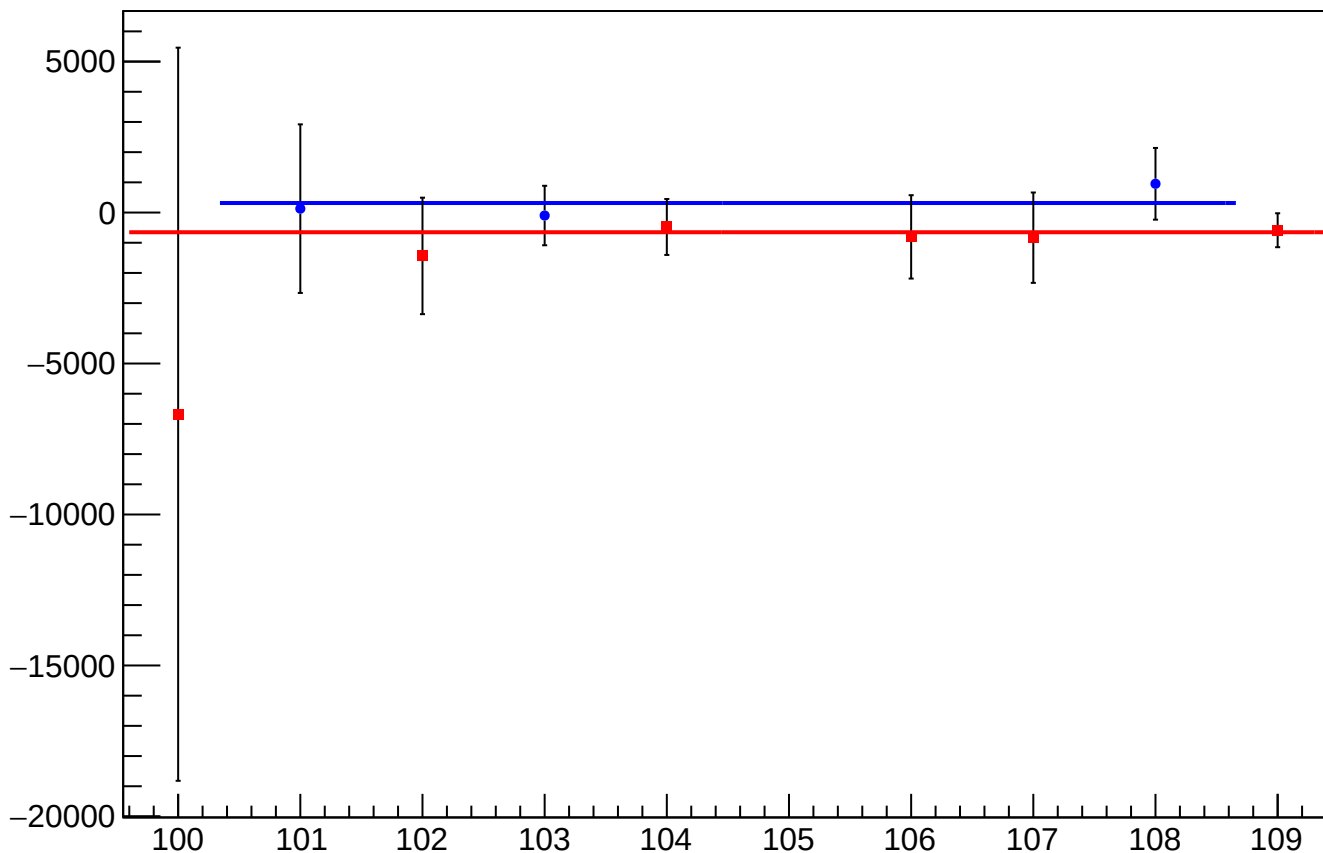
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2904.738+/-1.118 χ^2/NDF : 867134.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_cor_correction_mean vs Slug



Right In: 315.765 $\pm$ 731.639 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -652.144 $\pm$ 423.360 χ^2 /NDF: 0.5/5

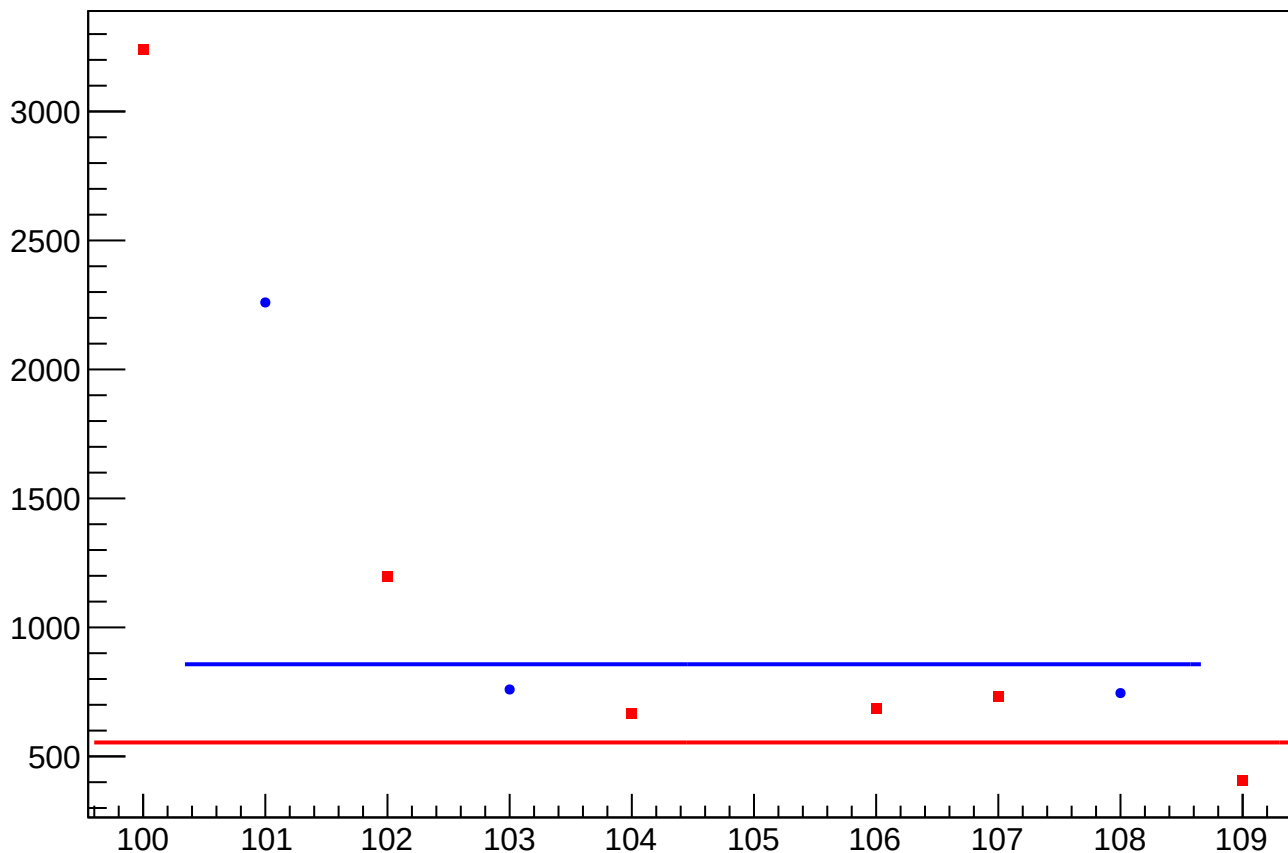
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -409.352 $\pm$ 366.434 χ^2 /NDF: 2.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_cor_correction_rms vs Slug



Right In: 857.125+/-0.517 χ^2/NDF : 542258.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.010+/-0.299 χ^2/NDF : 535487.4/5

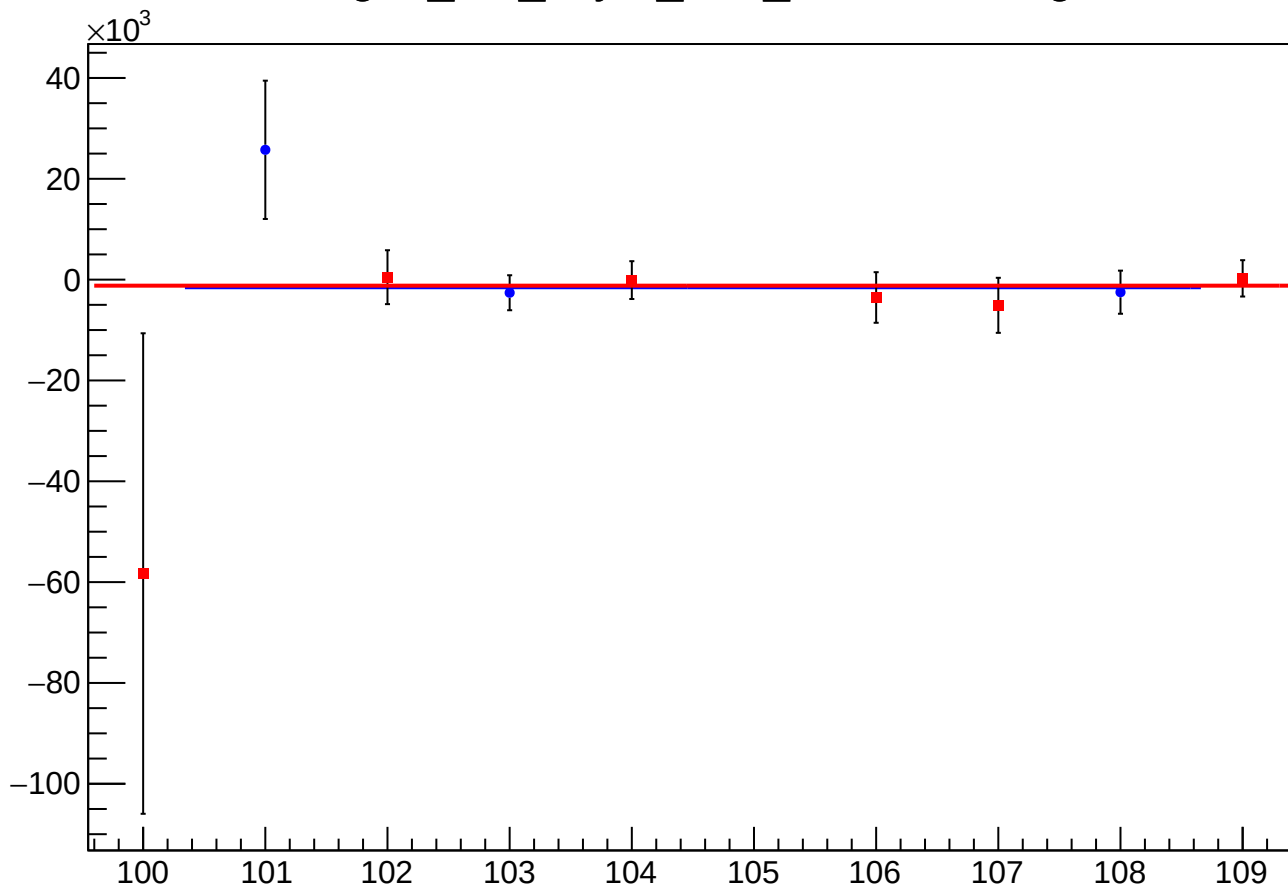
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.044+/-0.259 χ^2/NDF : 1334917.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1_mean vs Slug



Right In: -1506.012 $\pm$ 2644.121 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1197.792 $\pm$ 1973.496 χ^2 /NDF: 2.5/5

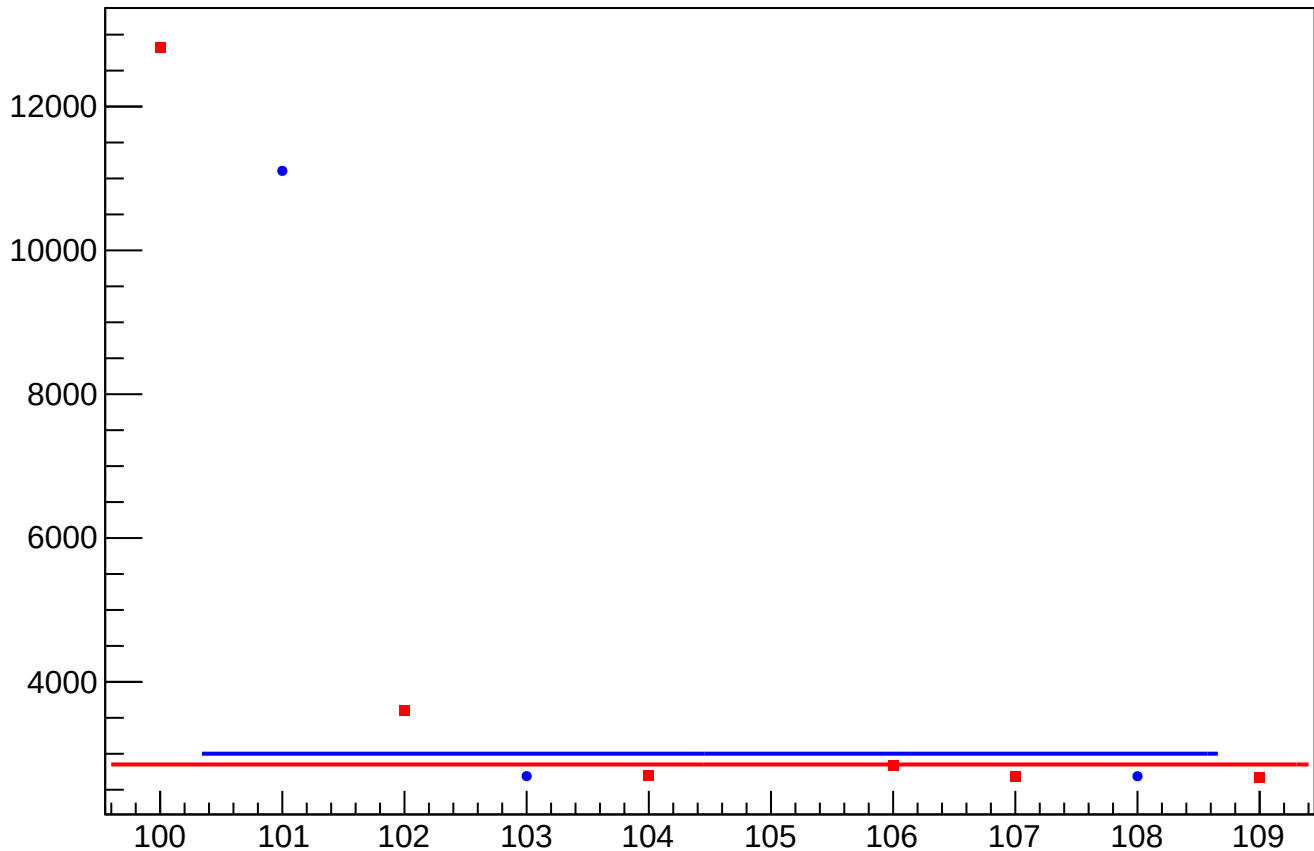
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1308.063 $\pm$ 1581.547 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1_rms vs Slug



Right In: 3001.243+/-1.870 χ^2/NDF : 725193.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2850.978+/-1.395 χ^2/NDF : 137792.0/5

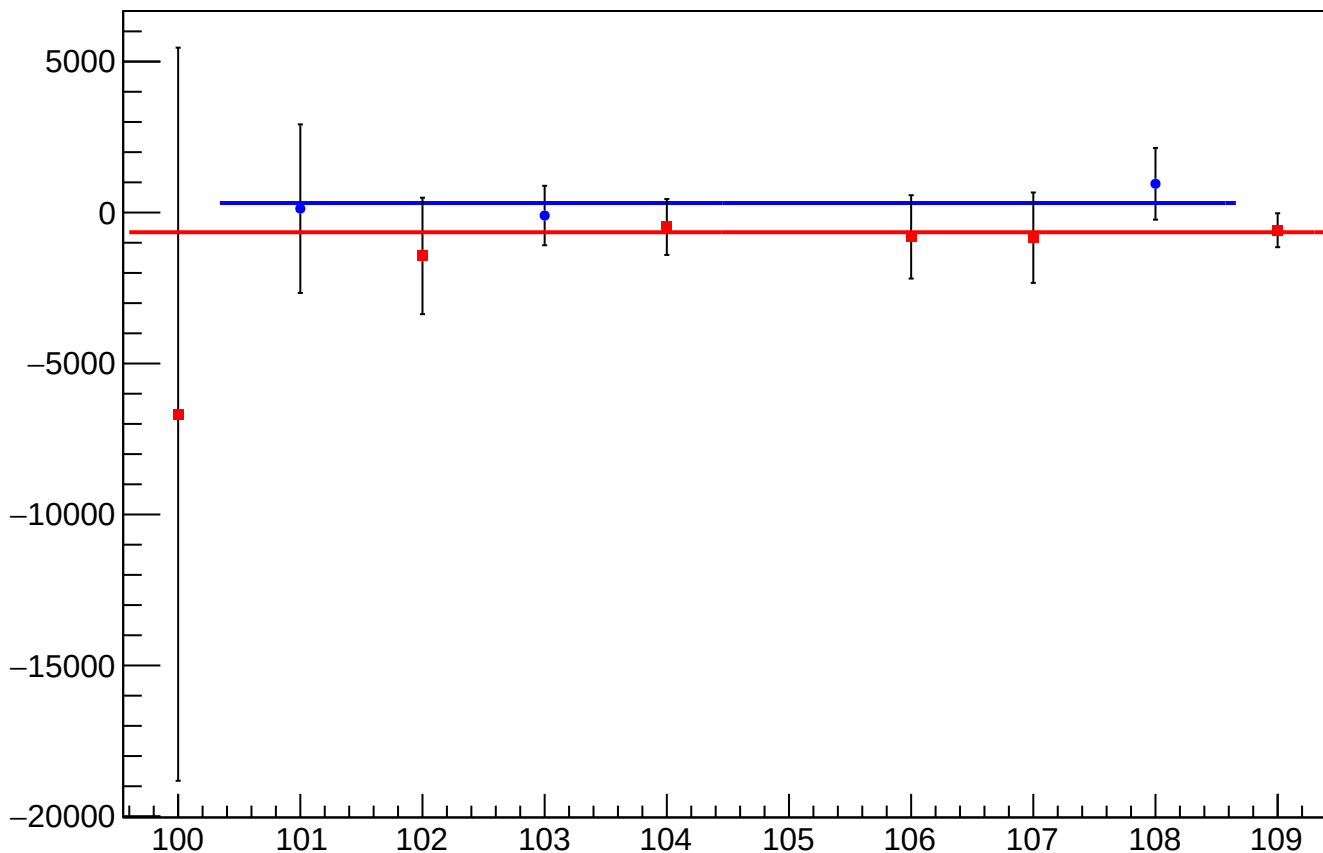
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2904.738+/-1.118 χ^2/NDF : 867134.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: 315.765 $\pm$ 731.639 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -652.144 $\pm$ 423.360 χ^2 /NDF: 0.5/5

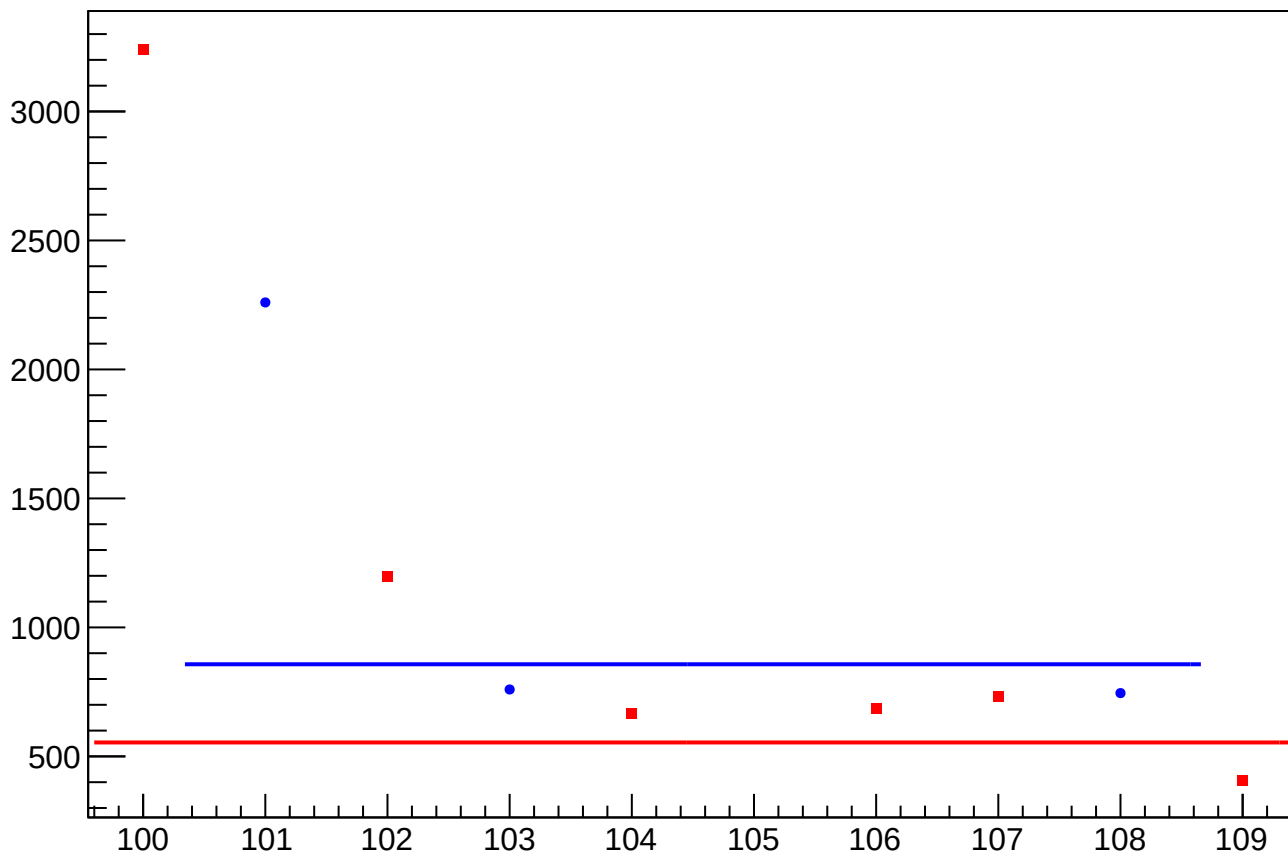
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -409.352 $\pm$ 366.434 χ^2 /NDF: 2.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 857.125 $\pm$ 0.517 χ^2 /NDF: 542258.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 554.010 $\pm$ 0.299 χ^2 /NDF: 535487.4/5

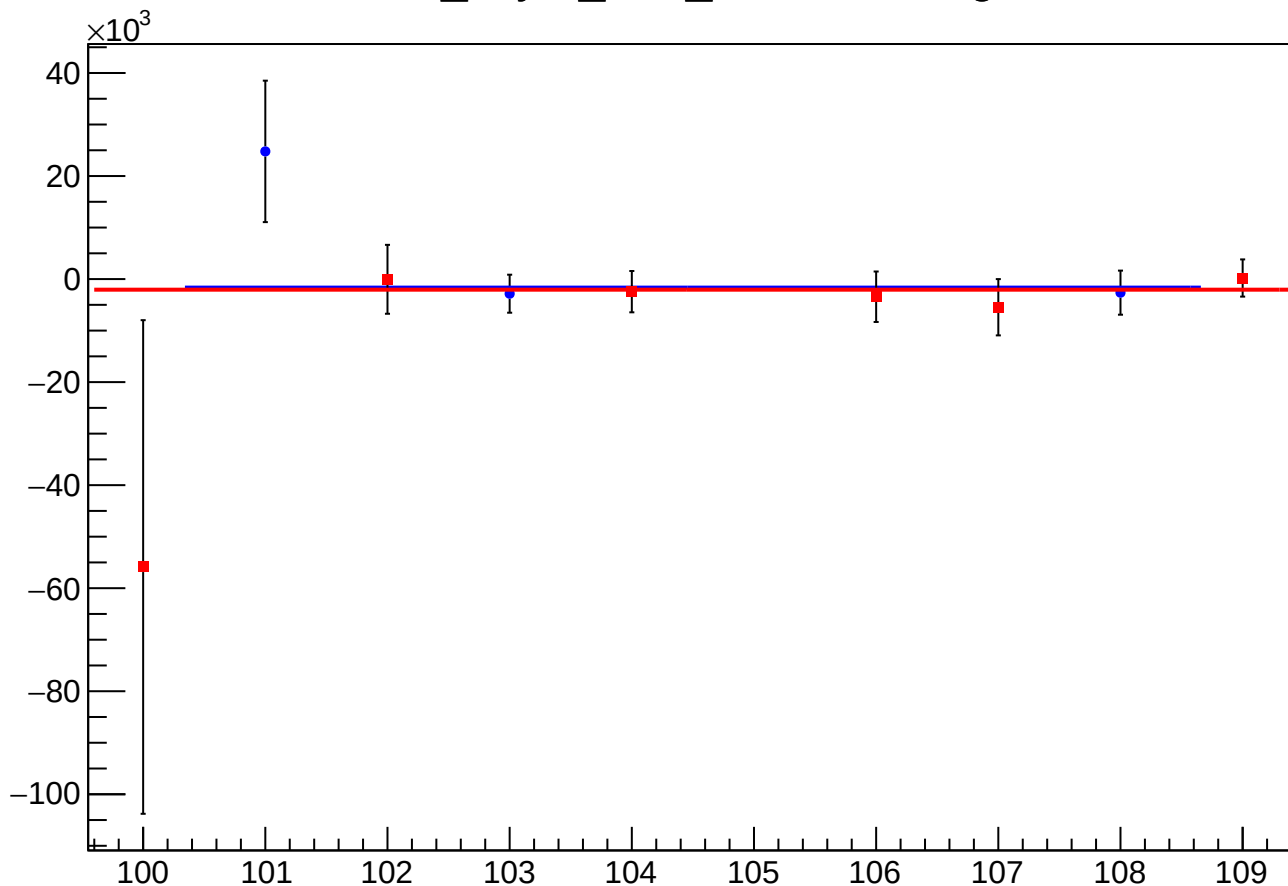
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 630.044 $\pm$ 0.259 χ^2 /NDF: 1334917.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1_mean vs Slug



Right In: -1658.087 ± 2738.143 χ^2/NDF : 3.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2058.927 ± 2054.631 χ^2/NDF : 2.2/5

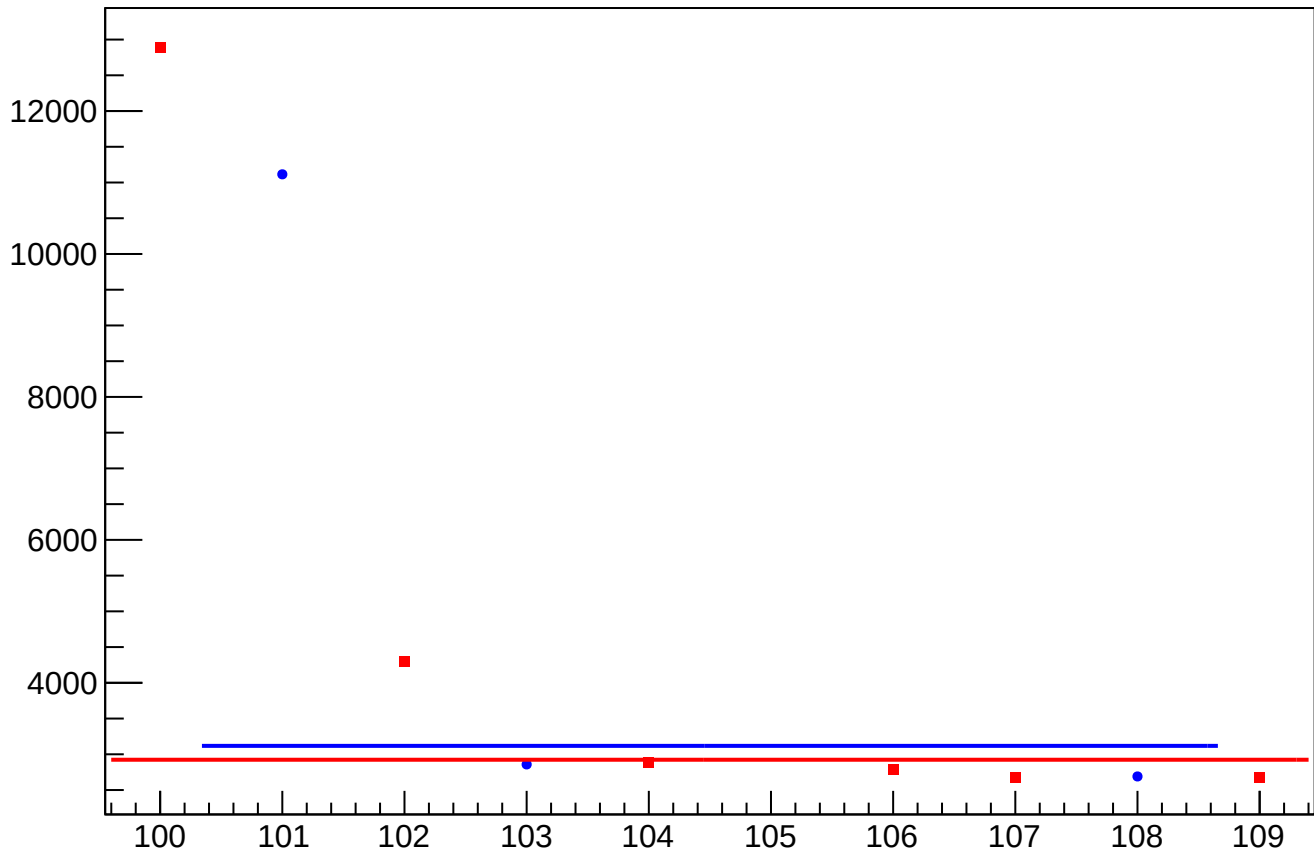
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1914.533 ± 1643.410 χ^2/NDF : 6.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_atr1_rms vs Slug



Right In: 3117.828+/-1.936 χ^2/NDF : 708627.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2923.693+/-1.453 χ^2/NDF : 186062.5/5

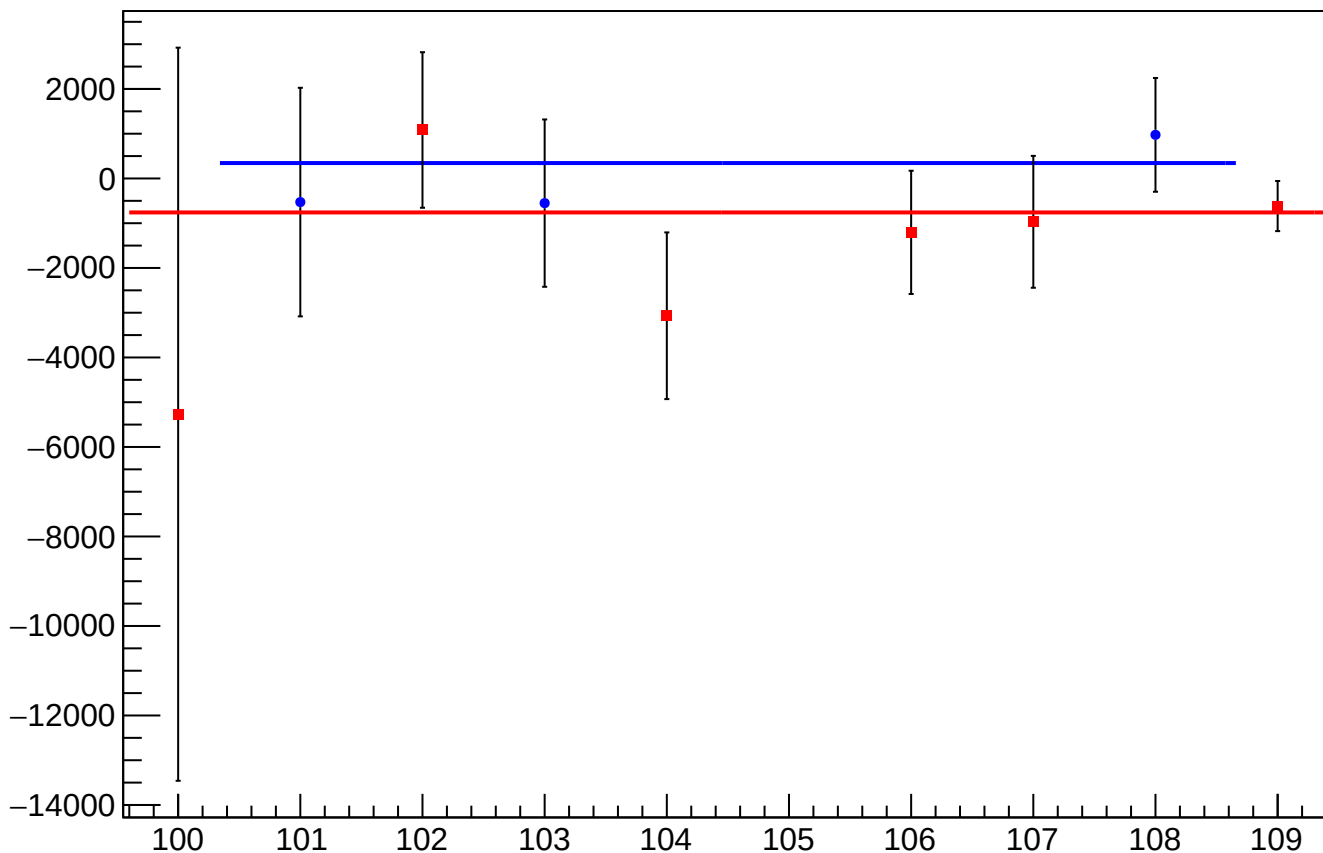
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2993.625+/-1.162 χ^2/NDF : 901122.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_correction_mean vs Slug



Right In: 344.314 $\pm$ 971.997 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -759.282 $\pm$ 455.903 χ^2 /NDF: 3.2/5

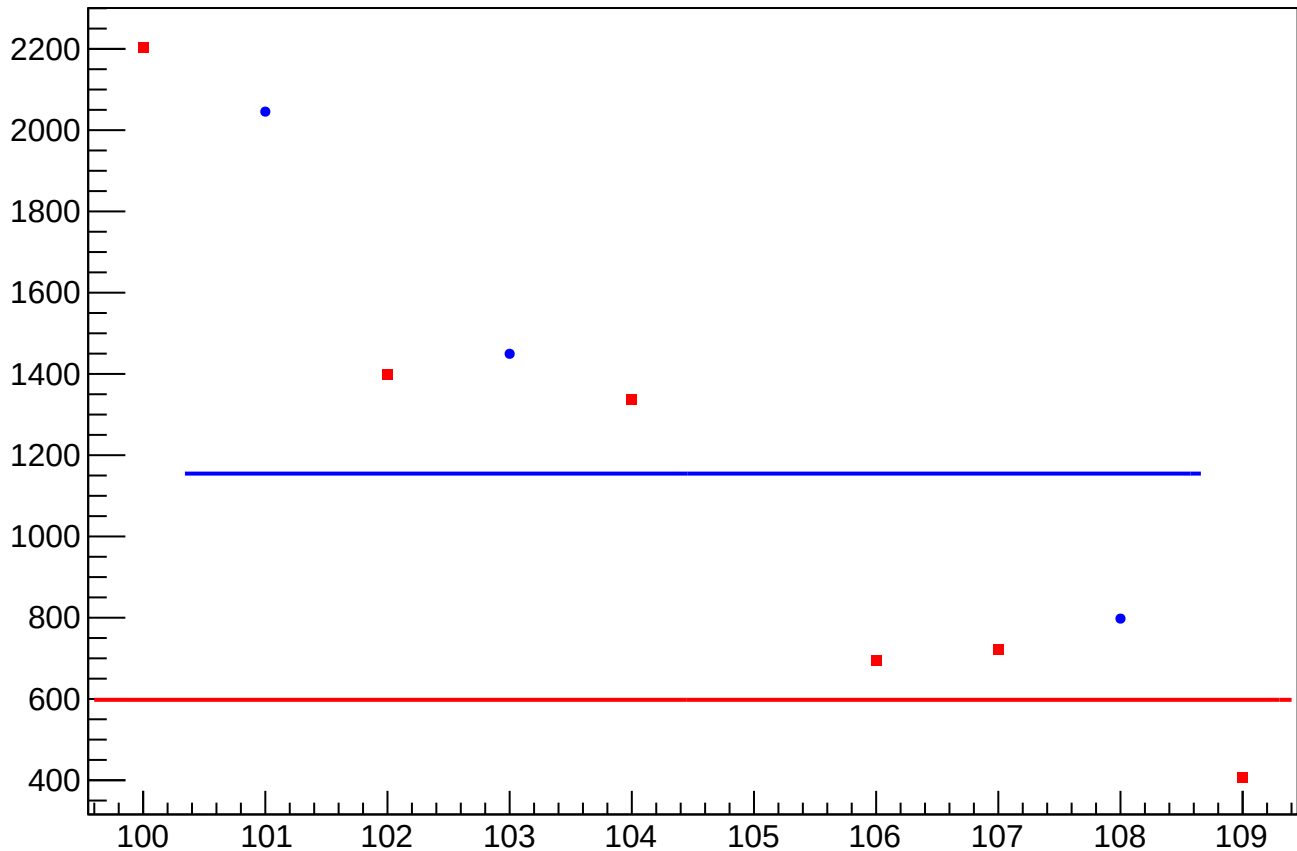
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -560.276 $\pm$ 412.755 χ^2 /NDF: 4.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_correction_rms vs Slug



Right In: 1154.717 $\pm$ 0.687 χ^2 /NDF: 450819.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 597.925 $\pm$ 0.322 χ^2 /NDF: 1073313.6/5

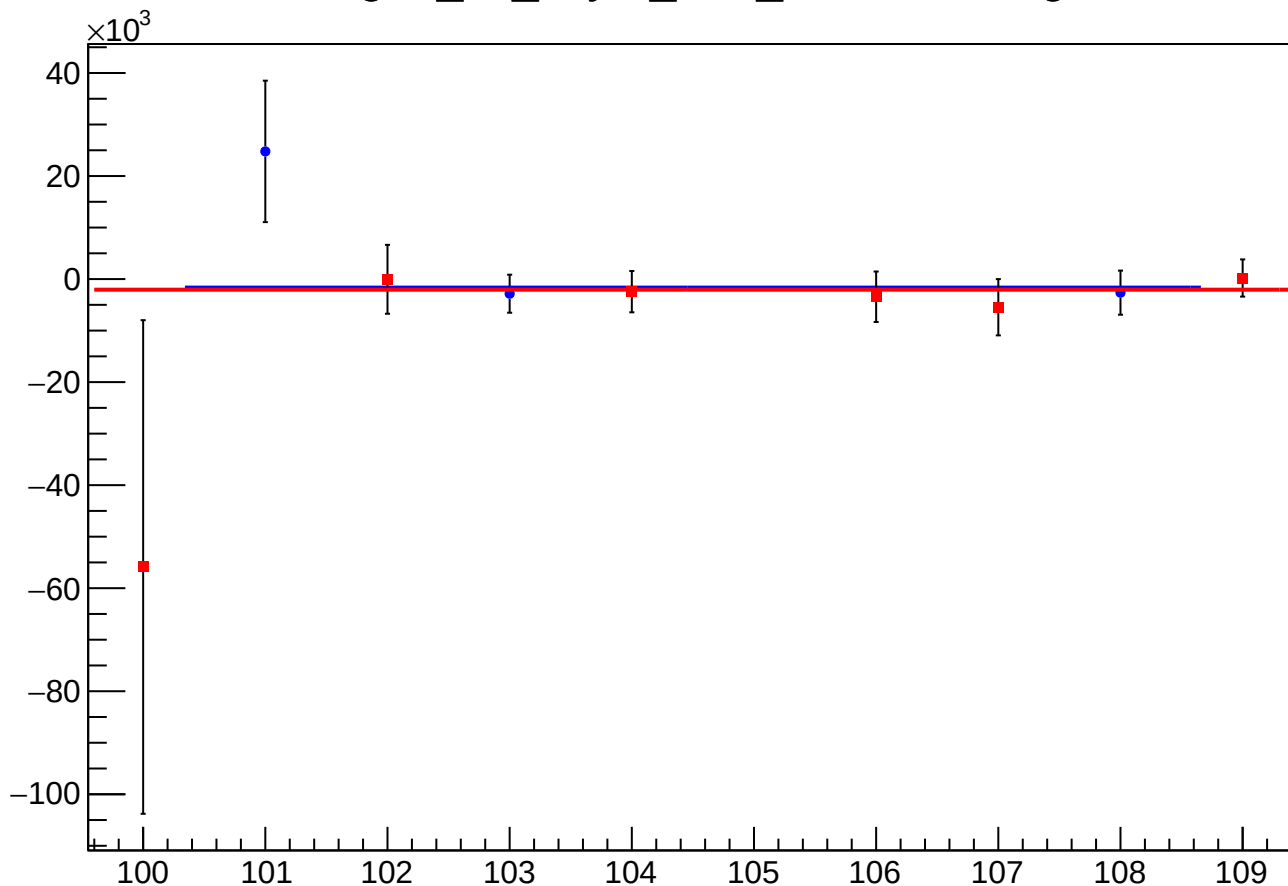
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 698.329 $\pm$ 0.292 χ^2 /NDF: 2062065.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1_mean vs Slug



Right In: -1658.089+/-2738.142 χ^2 /NDF: 3.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2058.920+/-2054.631 χ^2 /NDF: 2.2/5

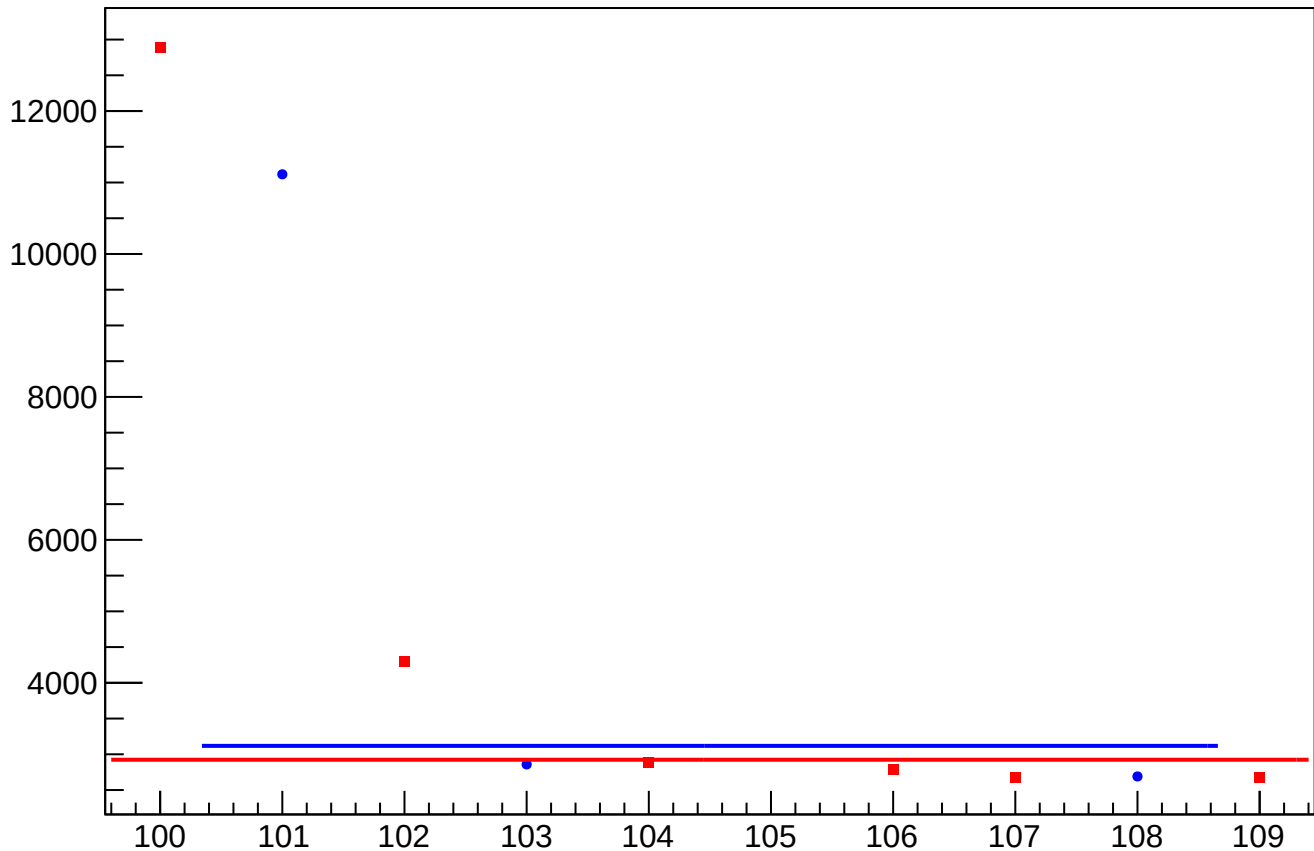
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1914.528+/-1643.410 χ^2 /NDF: 6.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1_rms vs Slug



Right In: 3117.827+/-1.936 χ^2/NDF : 708627.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2923.692+/-1.453 χ^2/NDF : 186062.3/5

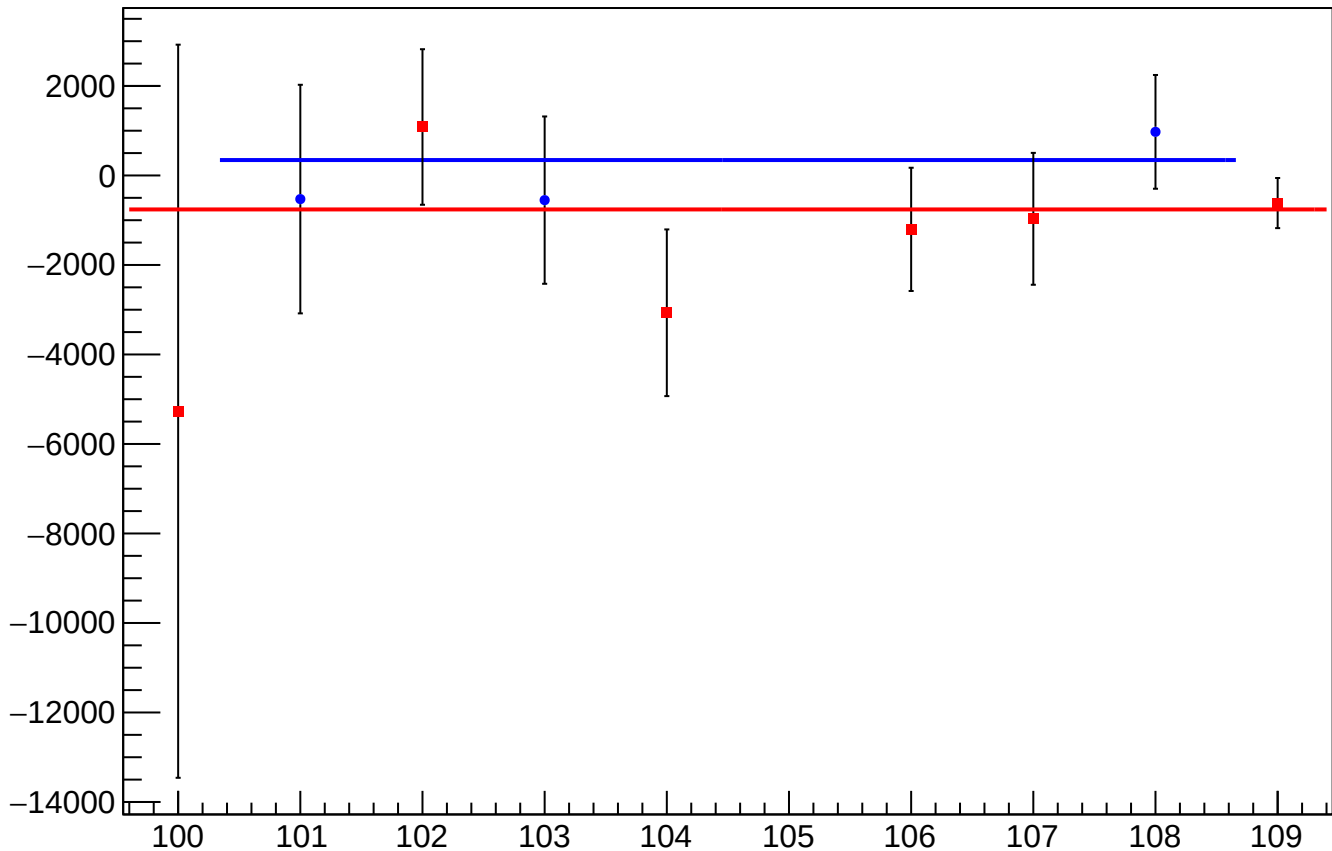
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2993.625+/-1.162 χ^2/NDF : 901122.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: 344.313+/-971.995 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -759.279+/-455.902 χ^2/NDF : 3.2/5

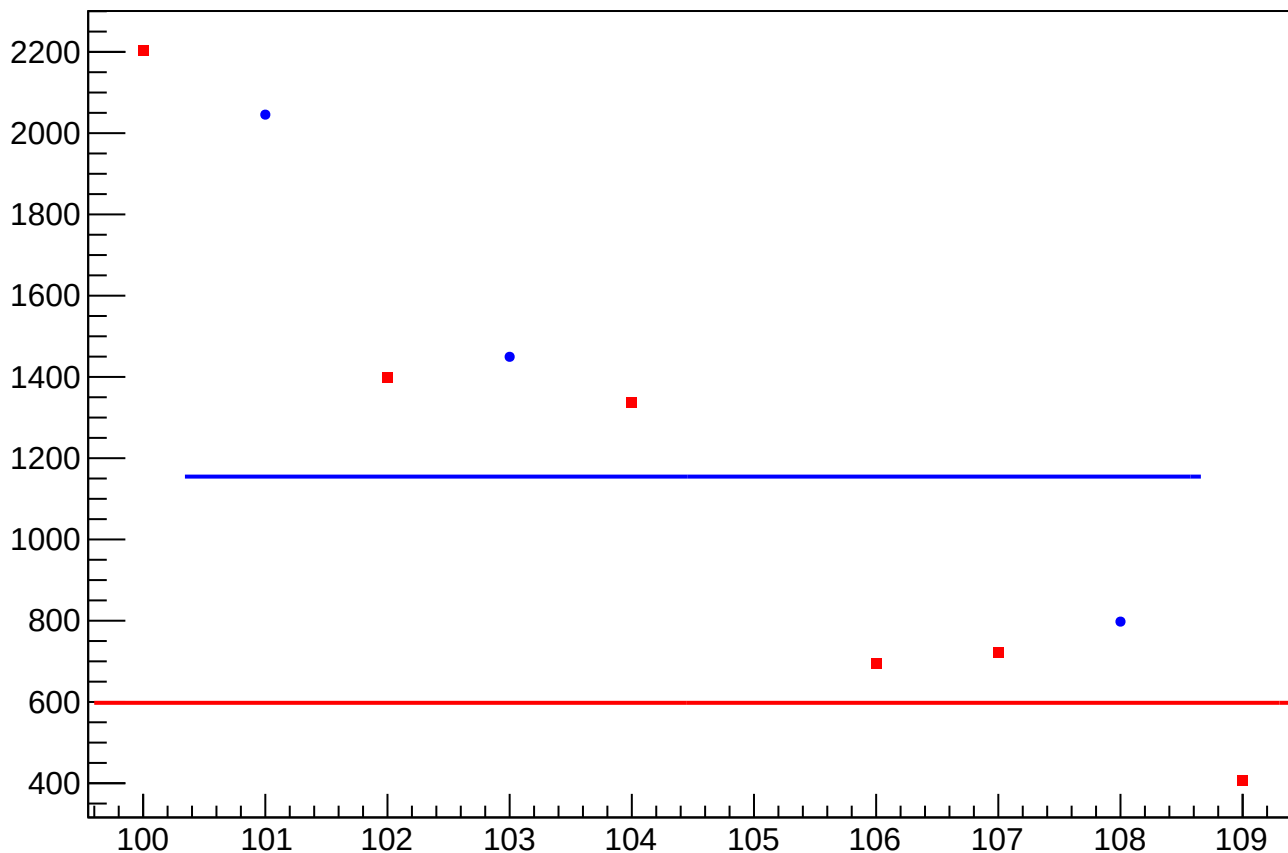
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -560.274+/-412.755 χ^2/NDF : 4.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 1154.715 $\pm$ 0.687 χ^2 /NDF: 450817.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 597.925 $\pm$ 0.322 χ^2 /NDF: 1073311.4/5

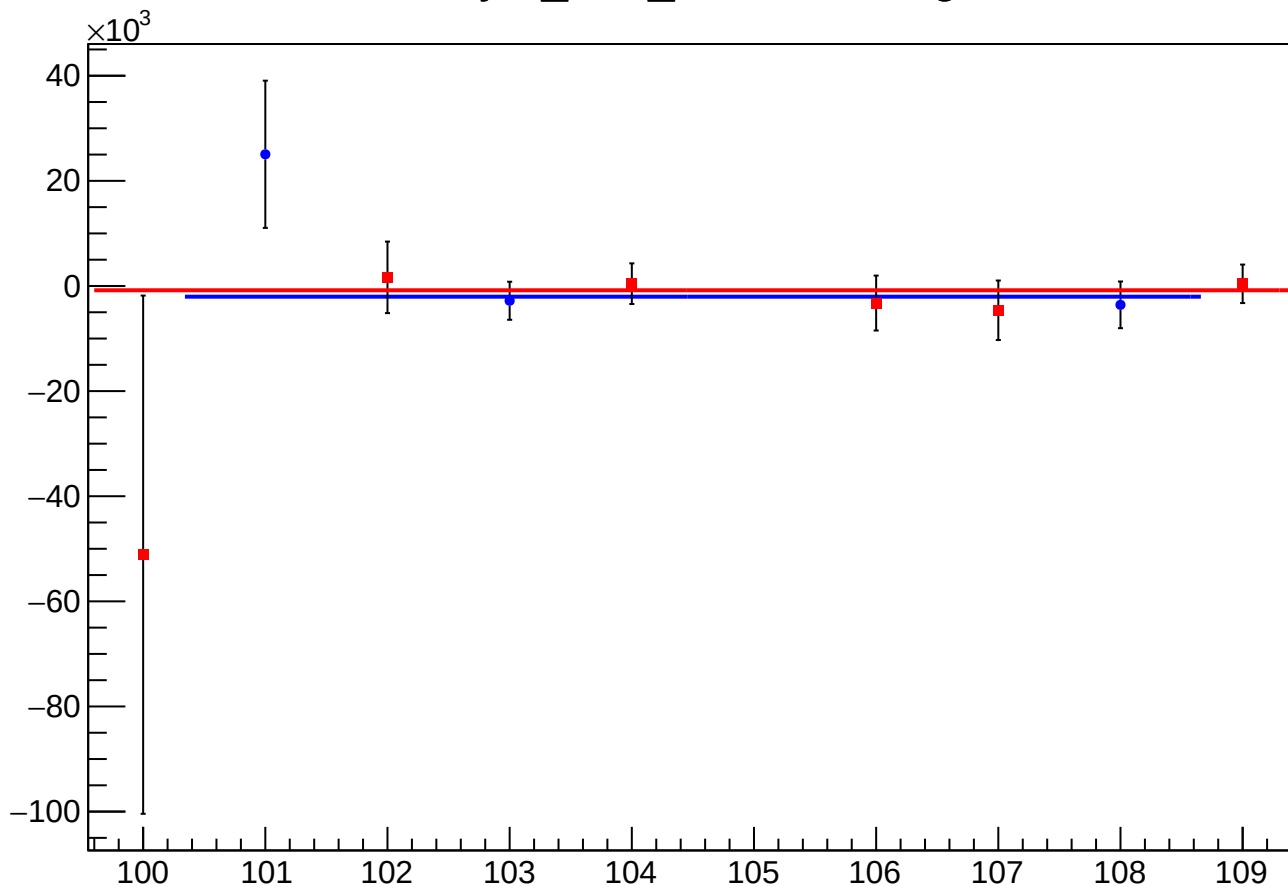
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 698.328 $\pm$ 0.292 χ^2 /NDF: 2062060.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_mean vs Slug



Right In: -2035.415+/-2750.596 χ^2 /NDF: 3.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -817.057+/-2079.391 χ^2 /NDF: 2.1/5

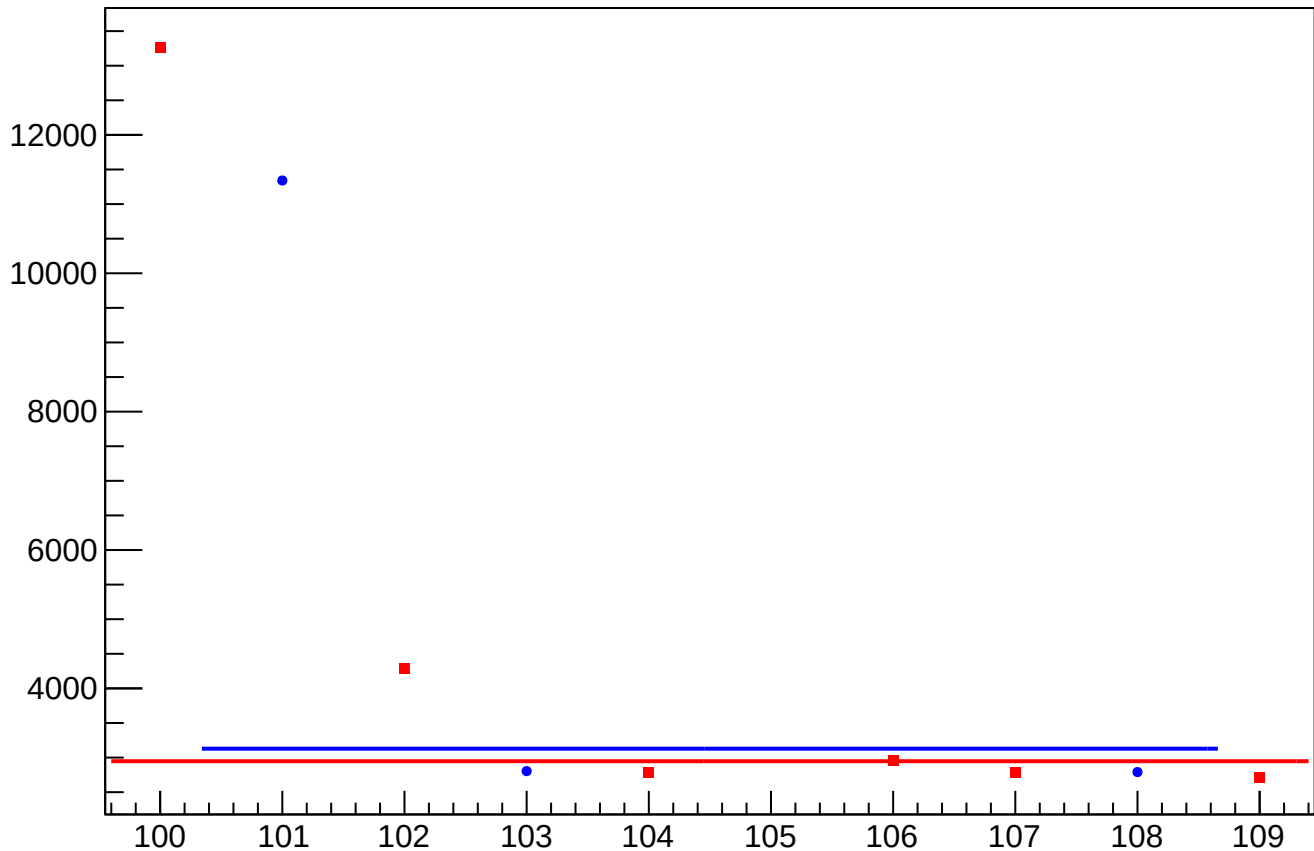
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1260.133+/-1658.741 χ^2 /NDF: 6.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1_rms vs Slug



Right In: 3128.350+/-1.945 χ^2/NDF : 715277.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2947.513+/-1.470 χ^2/NDF : 179571.7/5

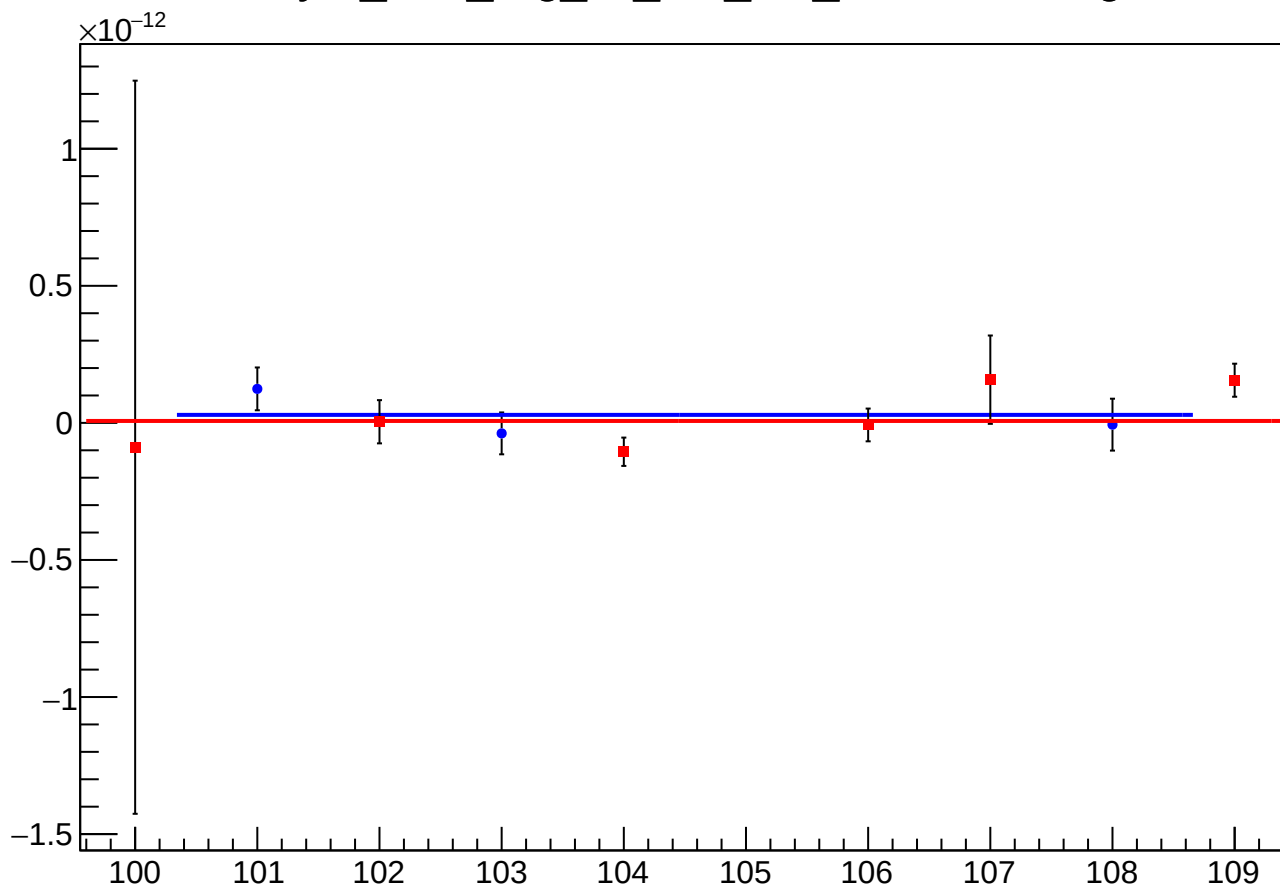
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3013.277+/-1.173 χ^2/NDF : 900350.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.7/5

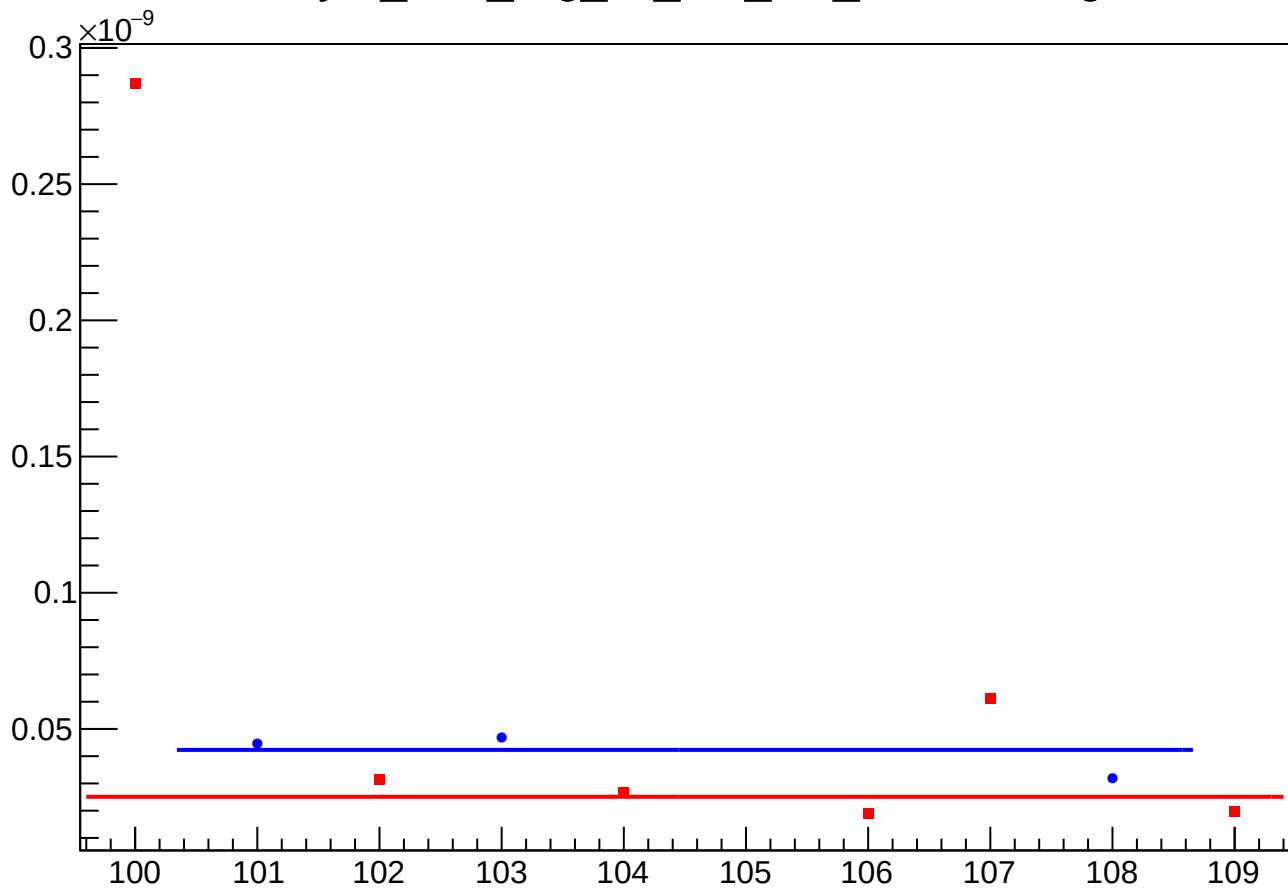
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 33064.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 228634.1/5

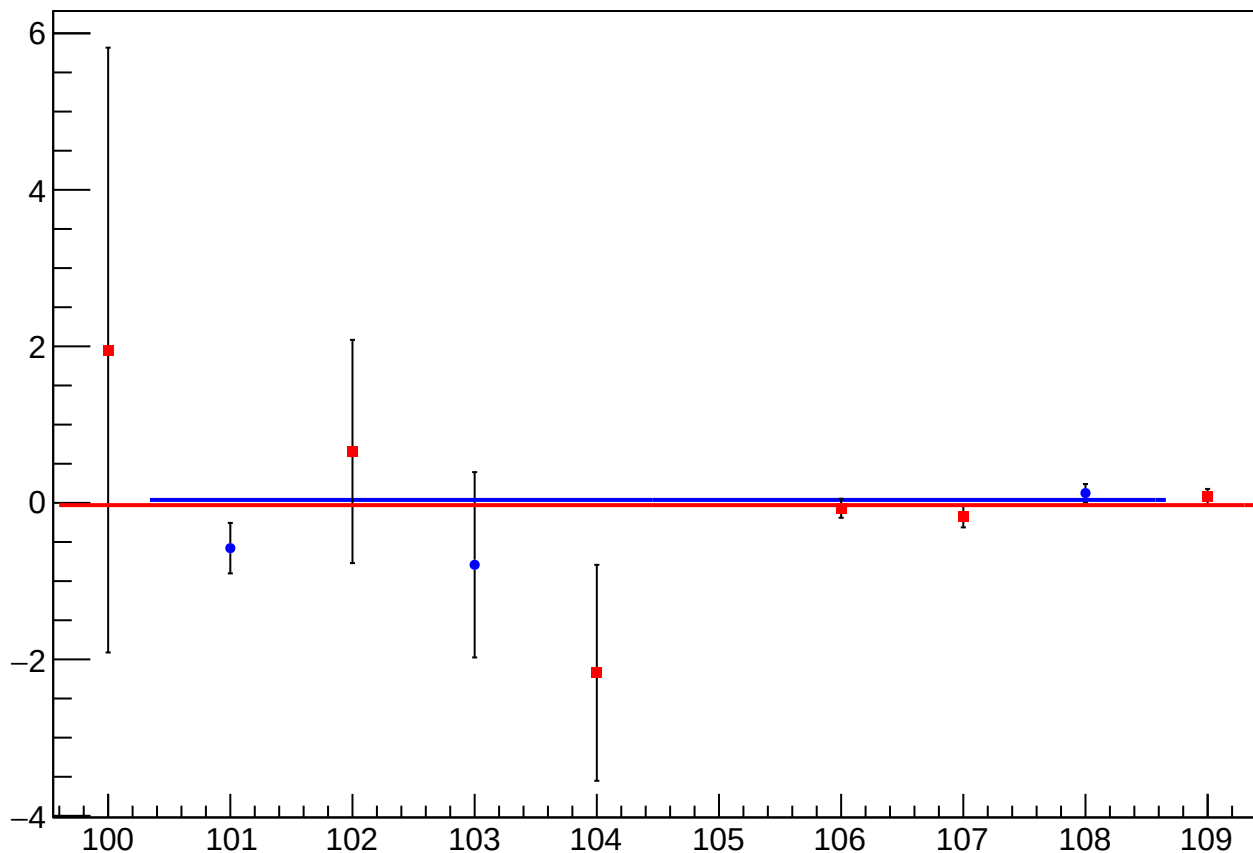
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 451618.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.108 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.029 $\pm$ 0.068 χ^2 /NDF: 5.2/5

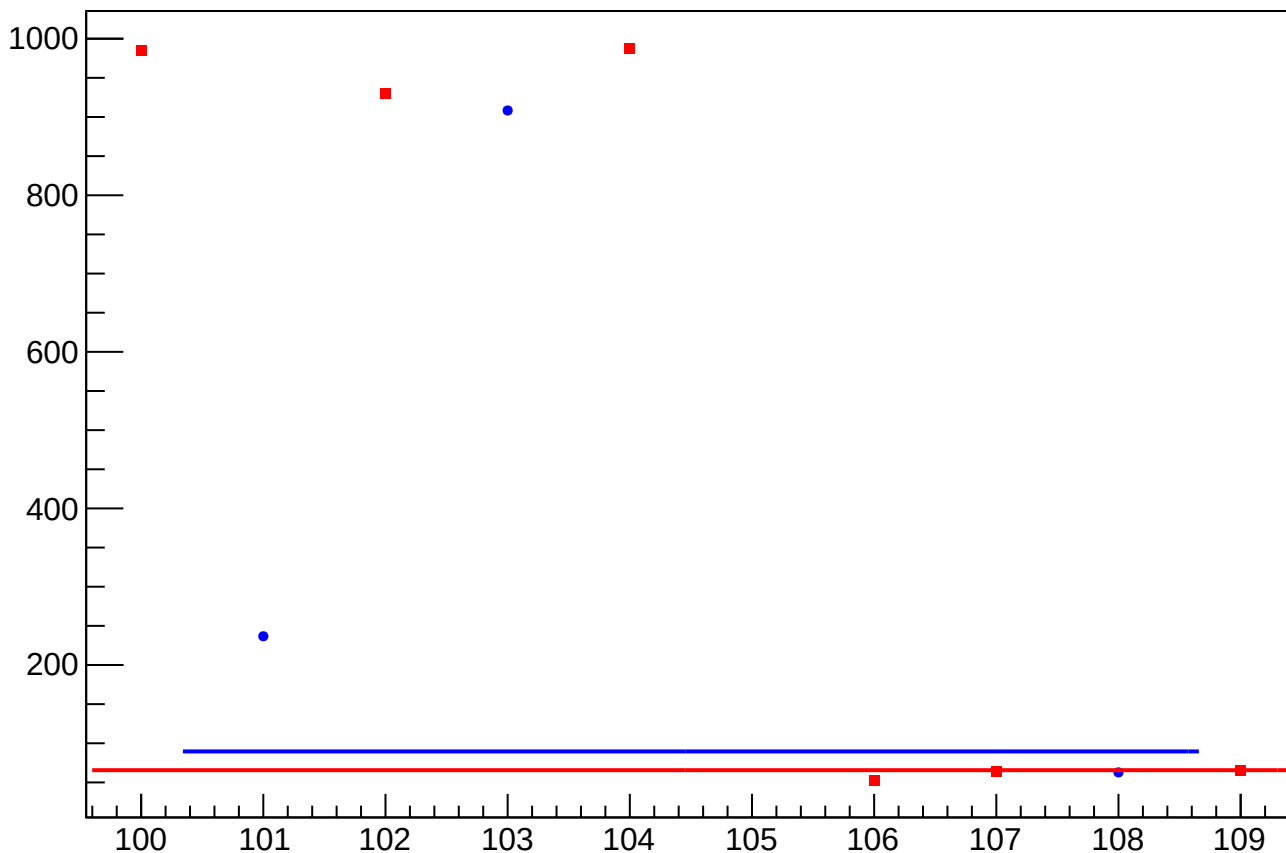
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.057 χ^2 /NDF: 10.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 89.580 $\pm$ 0.077 χ^2 /NDF: 1479035.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.638 $\pm$ 0.048 χ^2 /NDF: 1764484.9/5

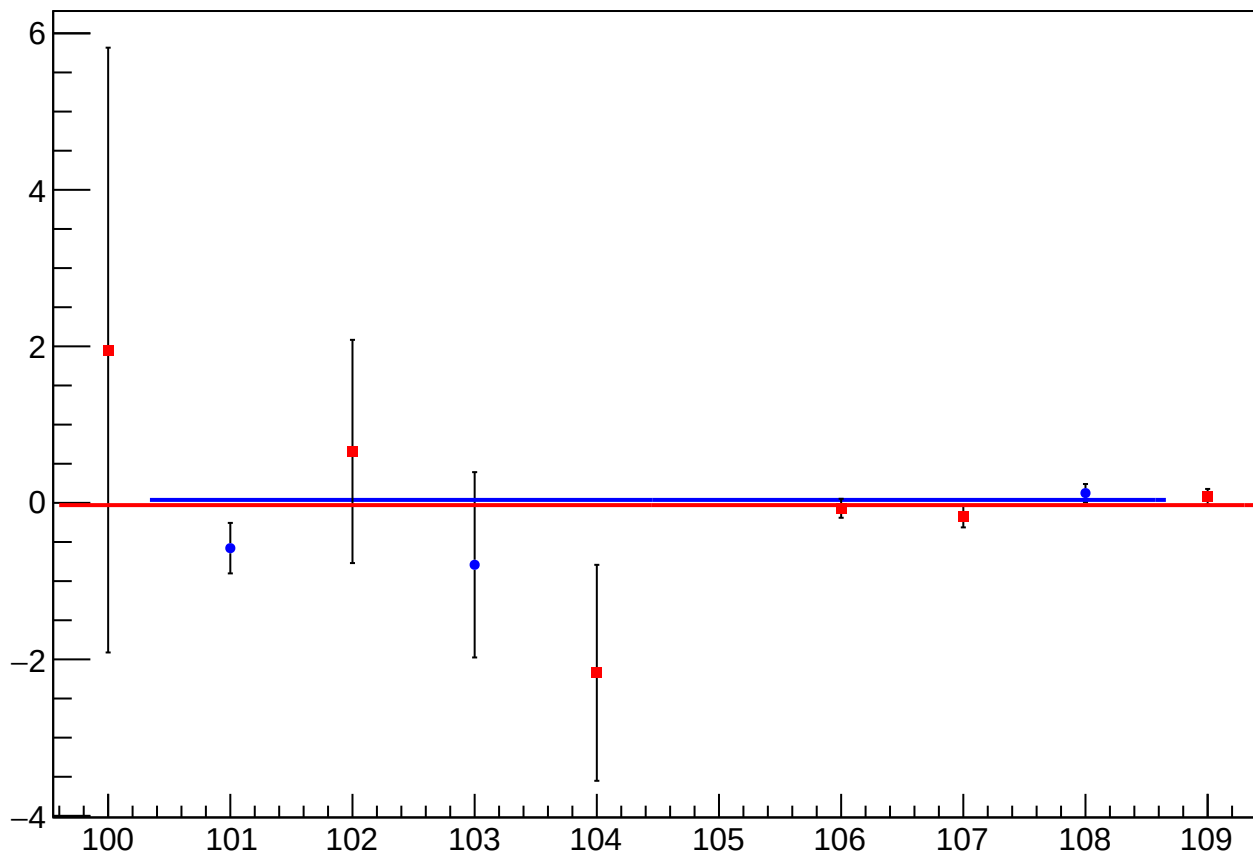
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.324 $\pm$ 0.041 χ^2 /NDF: 3313722.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 ± 0.108 χ^2/NDF : 4.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.029 ± 0.068 χ^2/NDF : 5.2/5

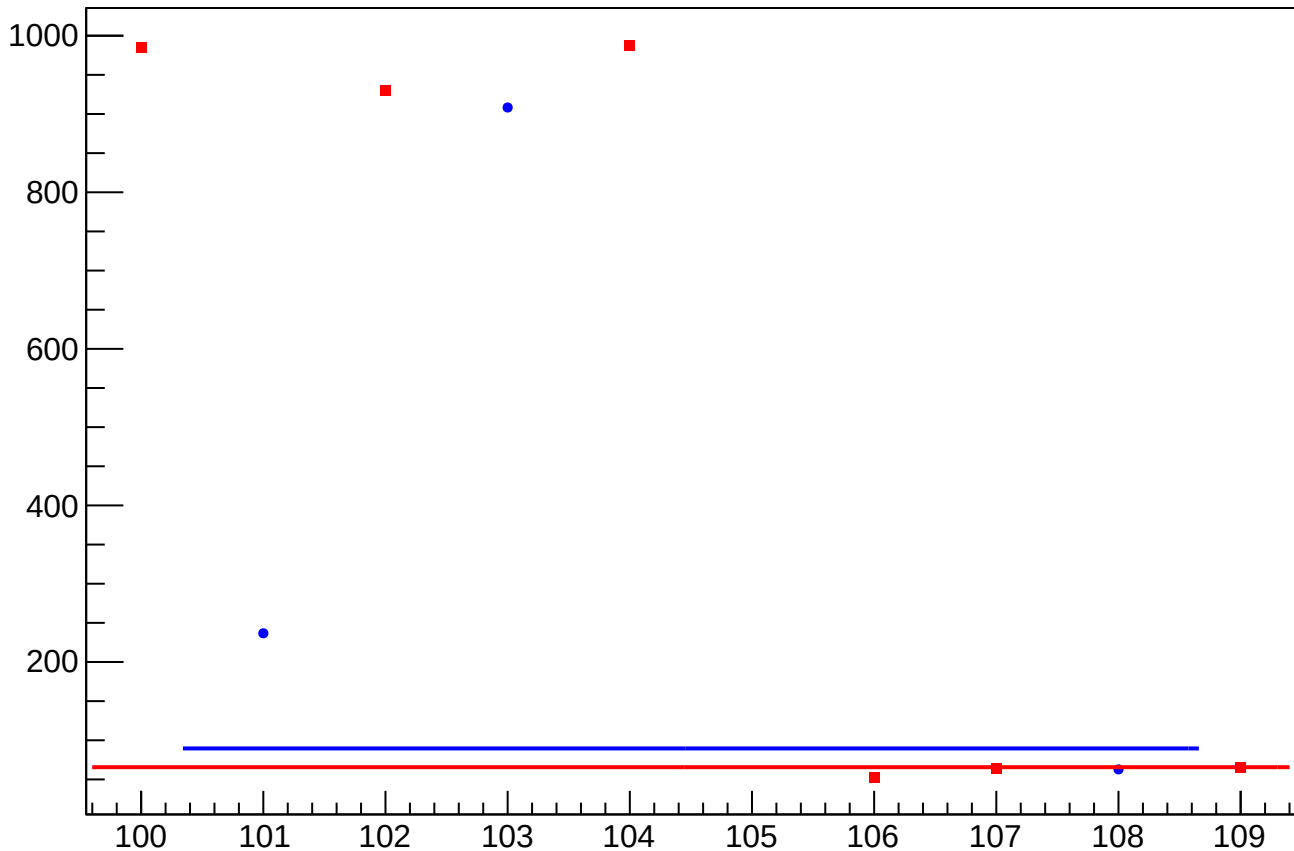
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.057 χ^2/NDF : 10.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 89.580 $\pm$ 0.077 χ^2 /NDF: 1479035.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.638 $\pm$ 0.048 χ^2 /NDF: 1764484.9/5

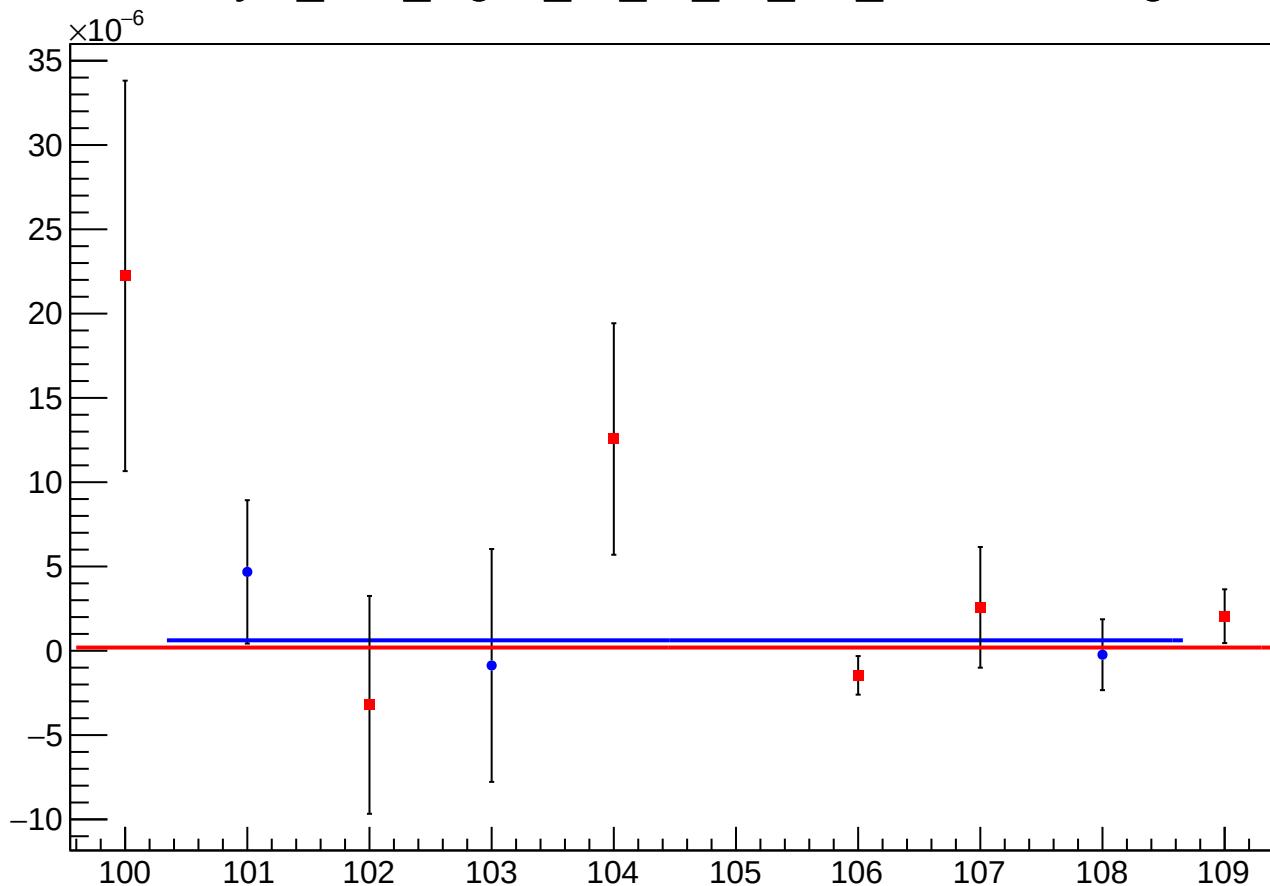
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.324 $\pm$ 0.041 χ^2 /NDF: 3313722.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/5

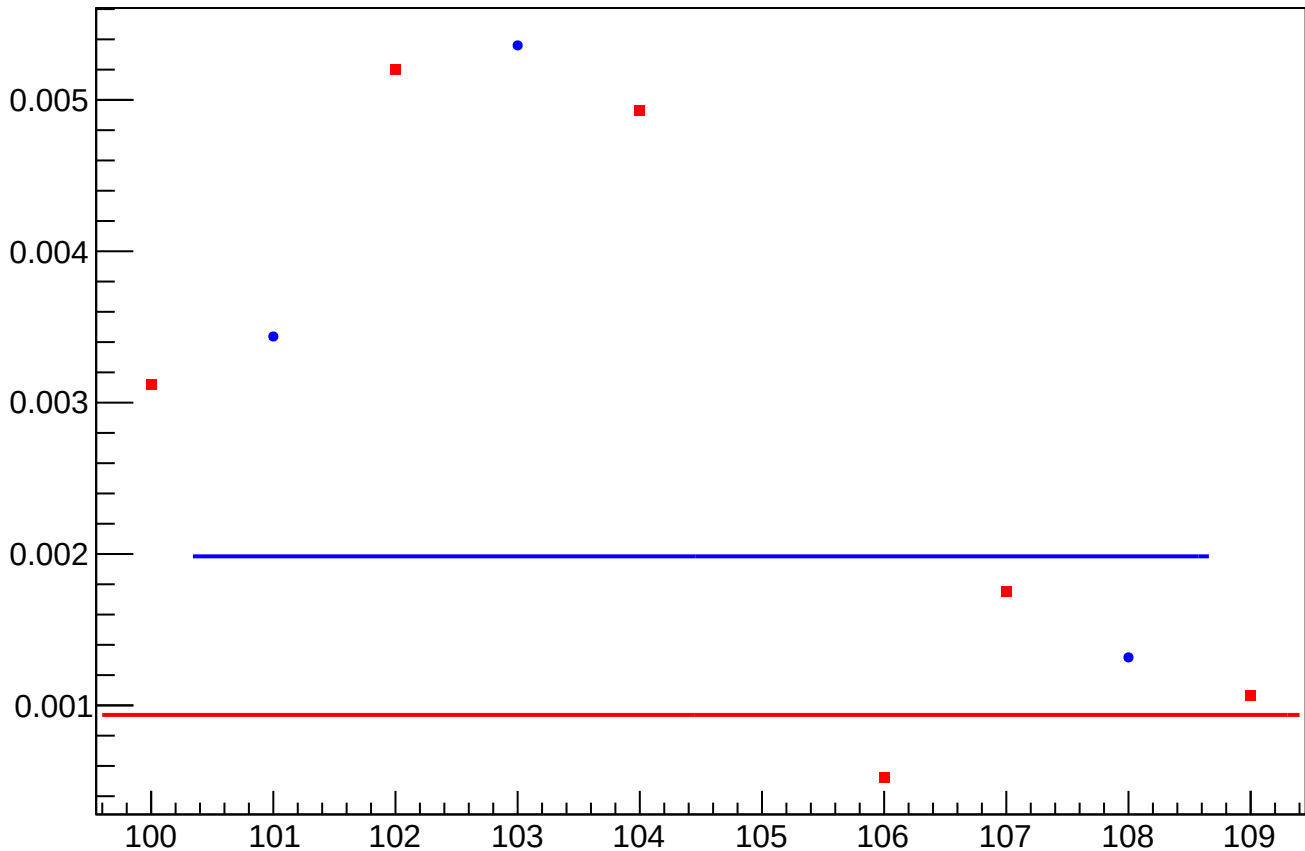
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 912844.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1997530.1/5

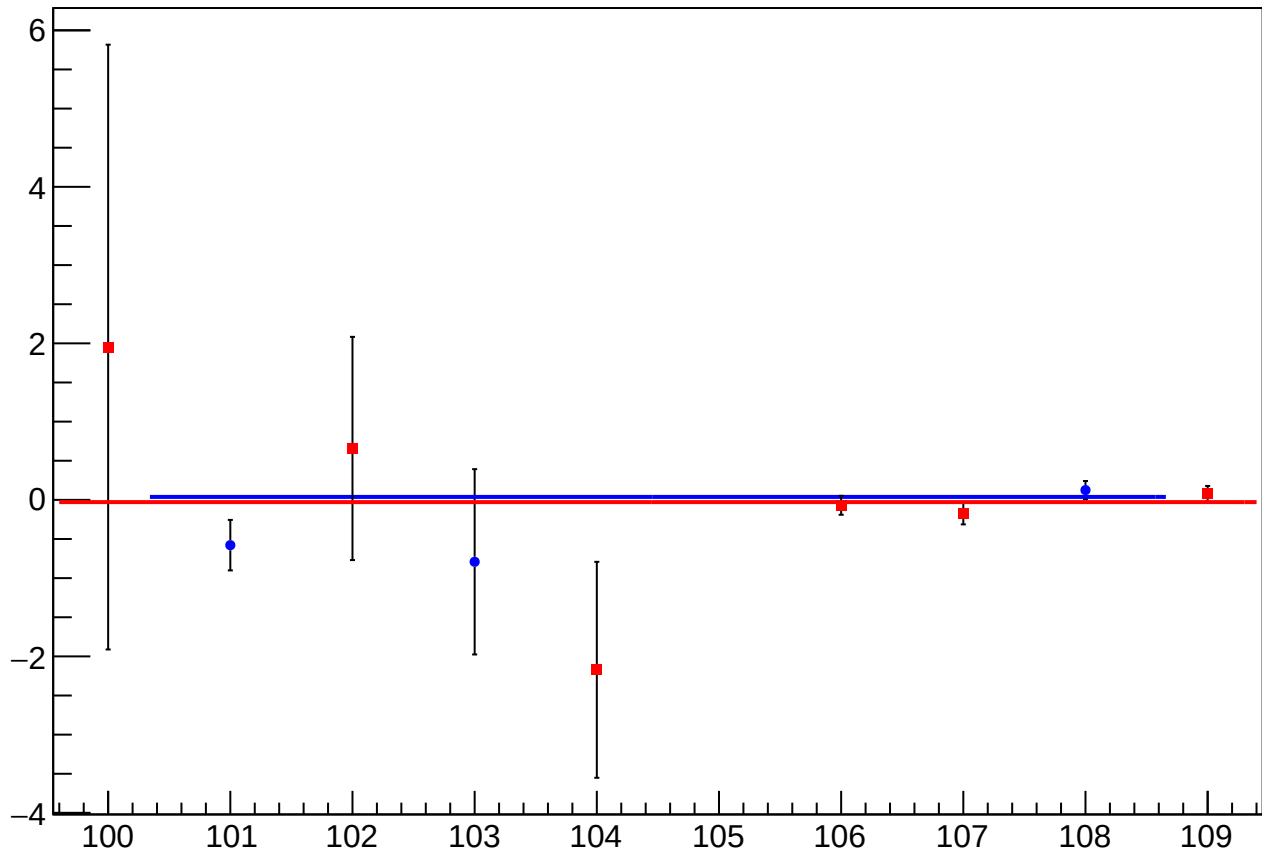
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3448329.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.108 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.029 $\pm$ 0.068 χ^2 /NDF: 5.2/5

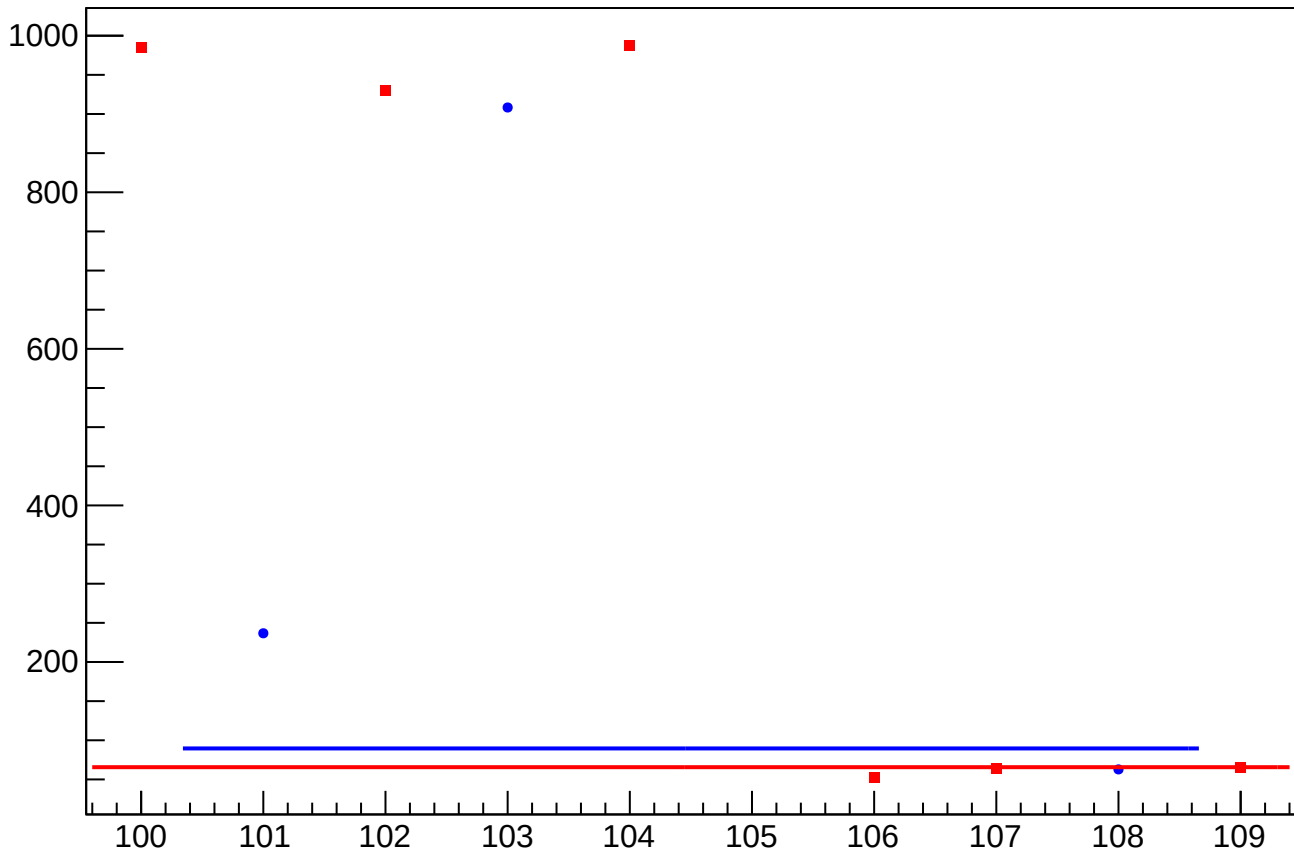
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.057 χ^2 /NDF: 10.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 89.580 $\pm$ 0.077 χ^2 /NDF: 1479040.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.638 $\pm$ 0.048 χ^2 /NDF: 1764483.4/5

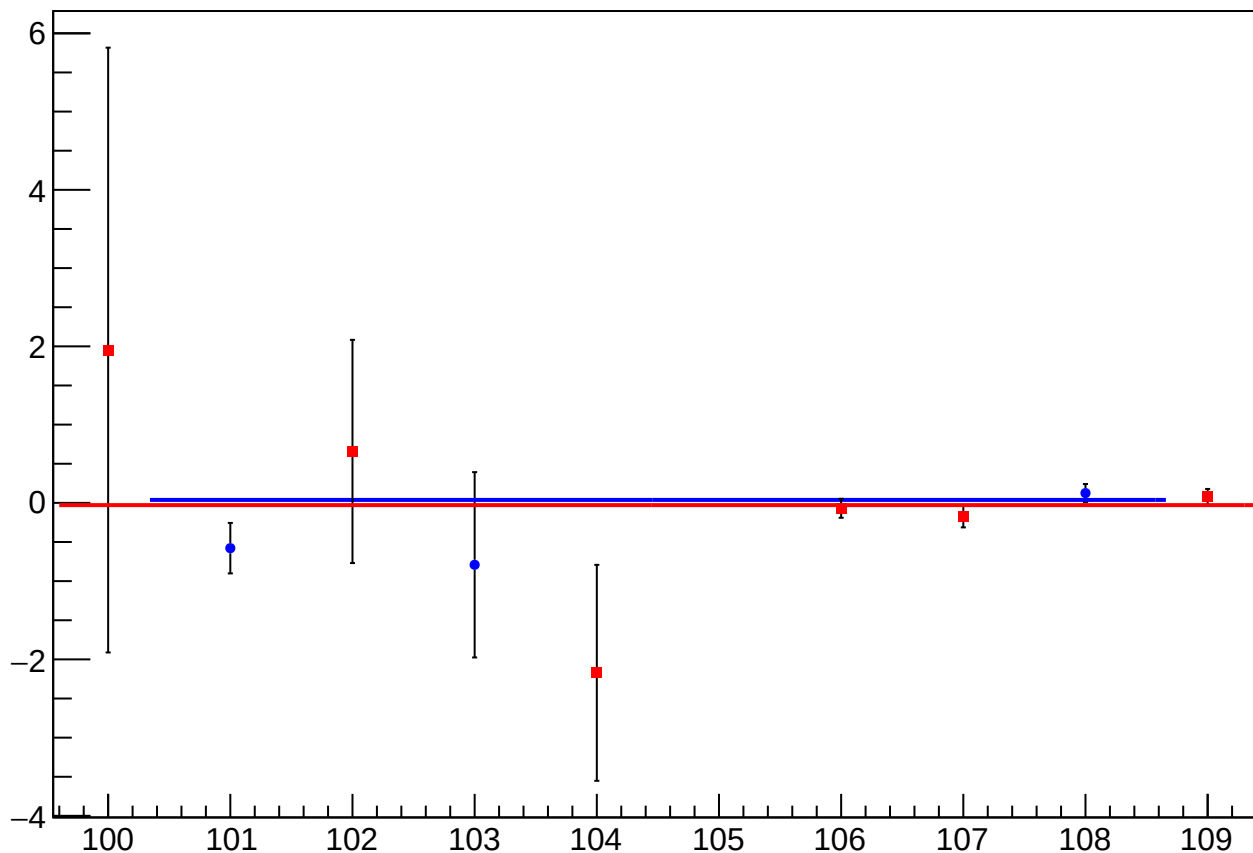
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.323 $\pm$ 0.041 χ^2 /NDF: 3313725.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.108 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.068 χ^2 /NDF: 5.2/5

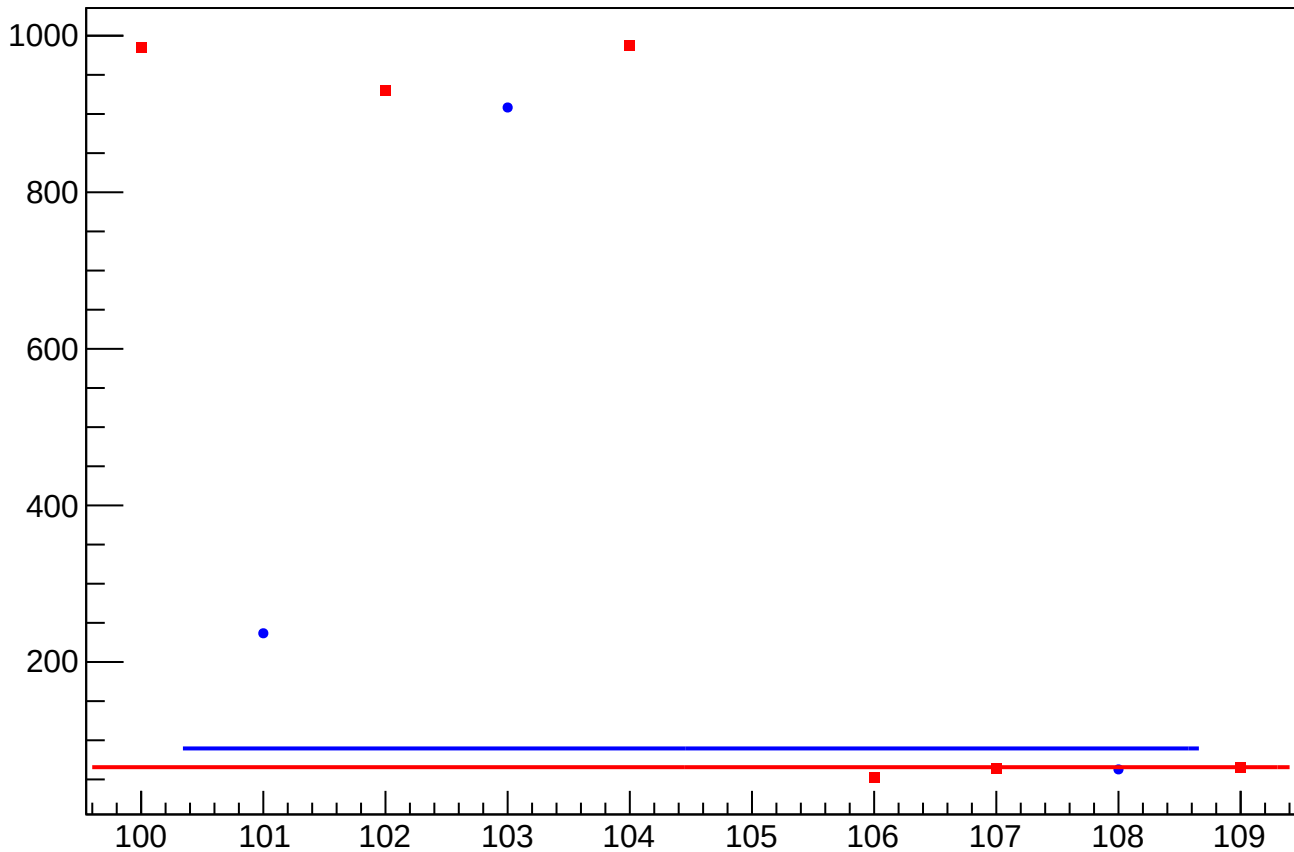
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.057 χ^2 /NDF: 10.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 89.580 $\pm$ 0.077 χ^2 /NDF: 1479040.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.638 $\pm$ 0.048 χ^2 /NDF: 1764483.4/5

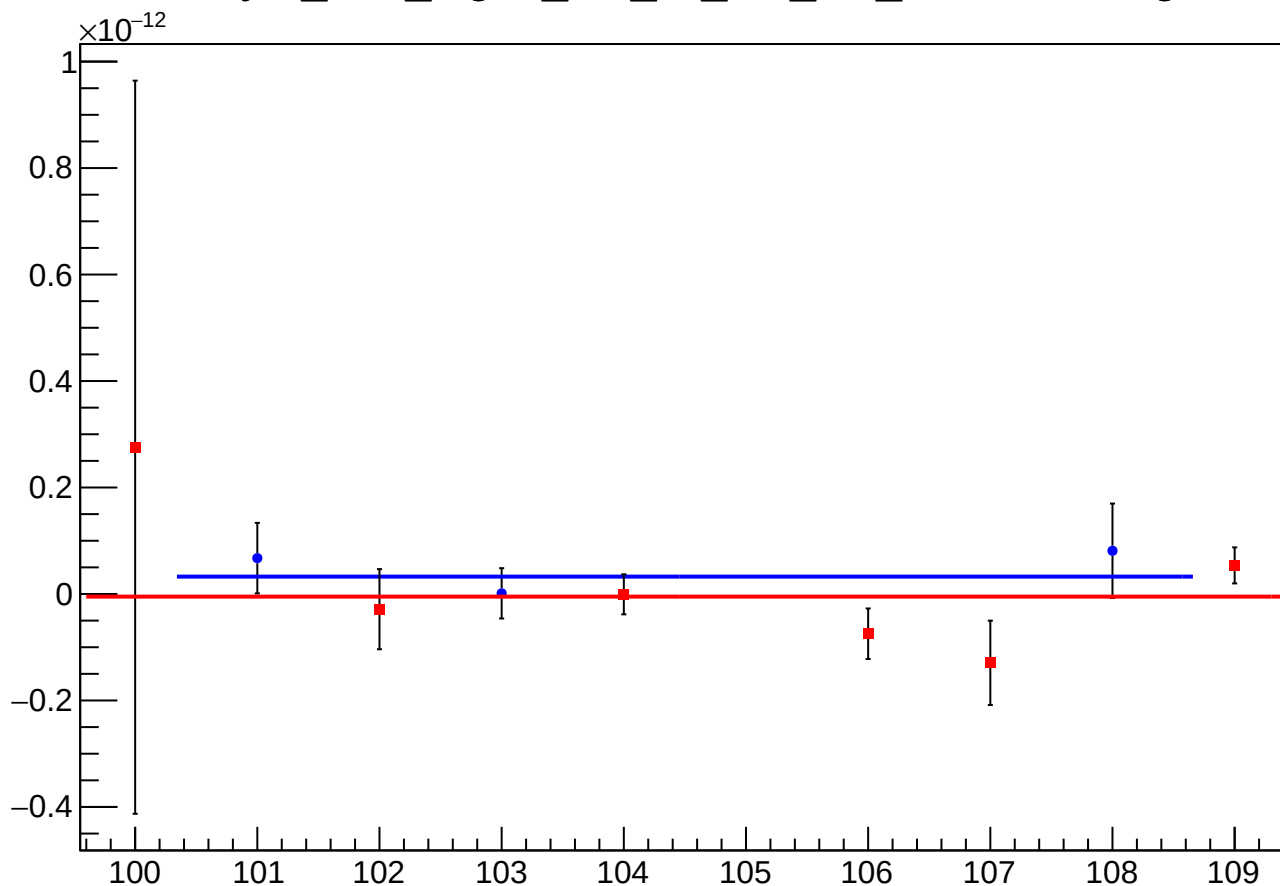
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.323 $\pm$ 0.041 χ^2 /NDF: 3313725.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.9/5

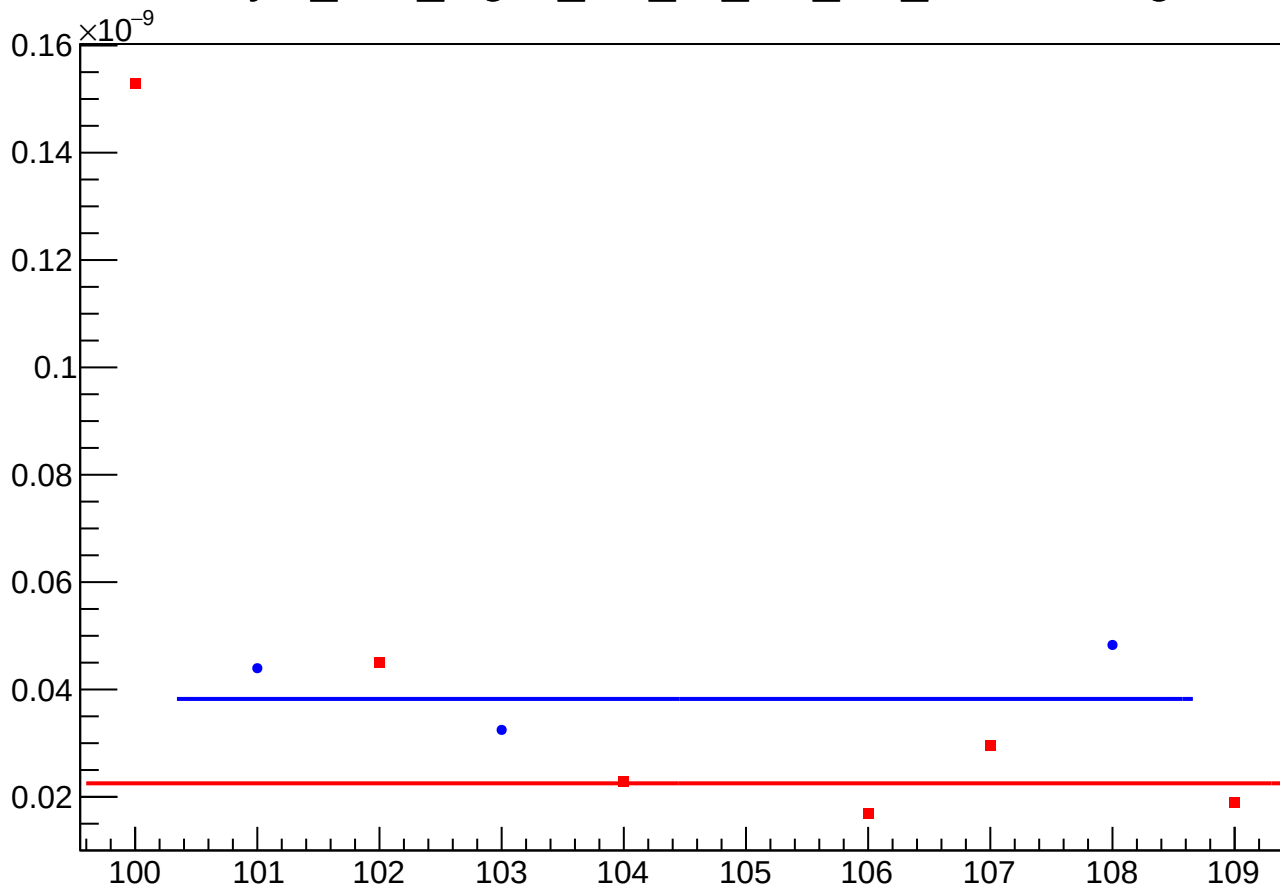
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 70402.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 315439.8/5

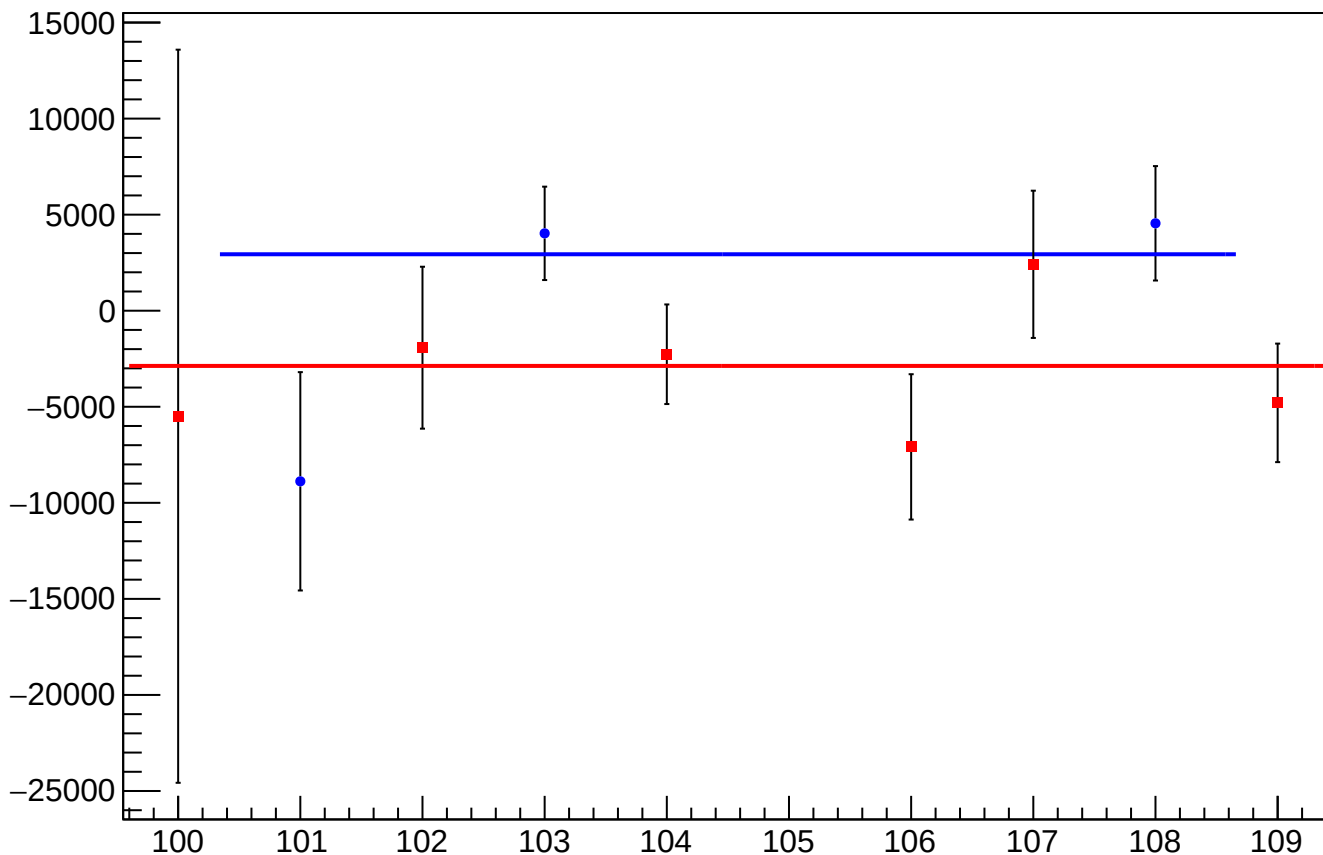
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 681844.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_mean vs Slug



Right In: 2938.405+/-1787.336 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2873.525+/-1489.204 χ^2/NDF : 3.7/5

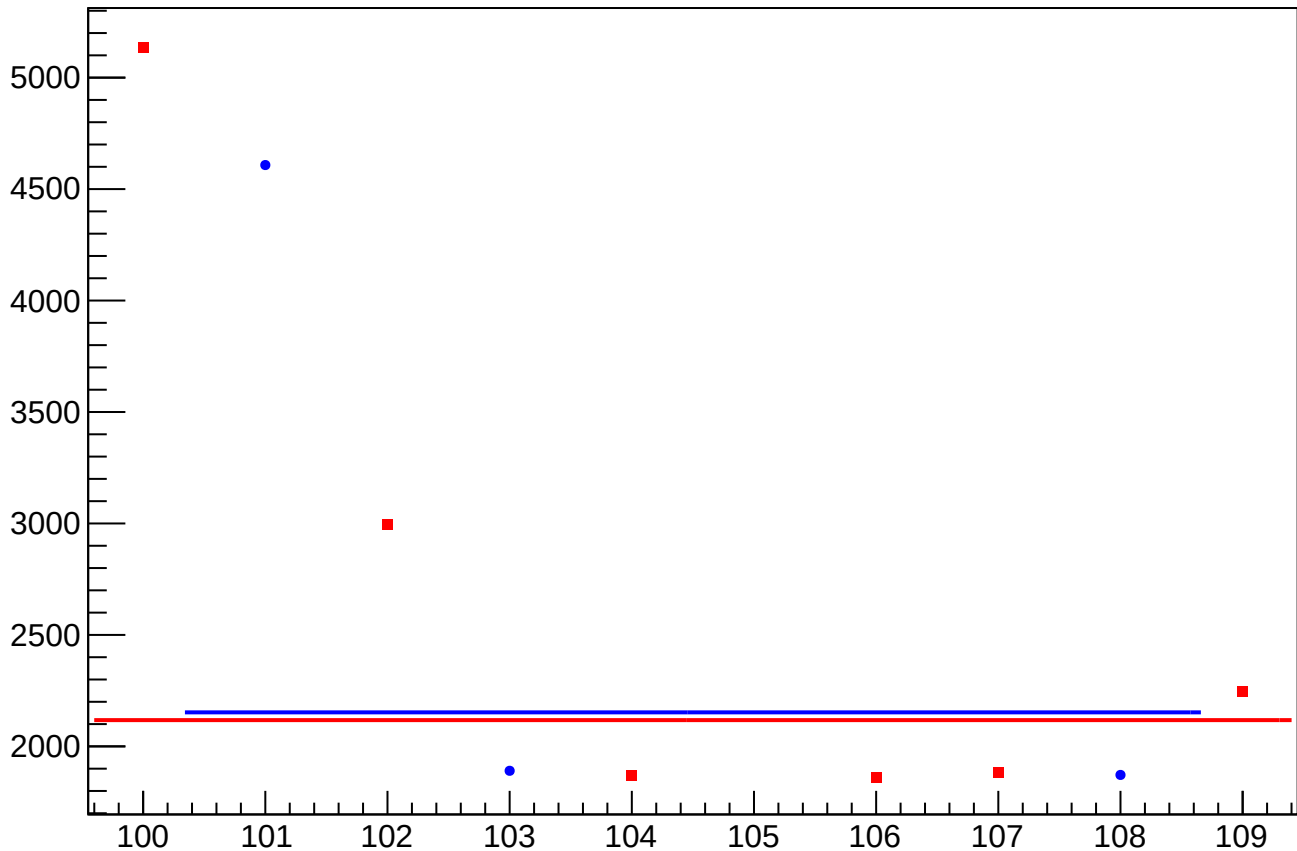
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -492.045+/-1144.115 χ^2/NDF : 14.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_rms vs Slug



Right In: 2152.630+/-1.264 χ^2/NDF : 414368.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.784+/-1.053 χ^2/NDF : 175888.0/5

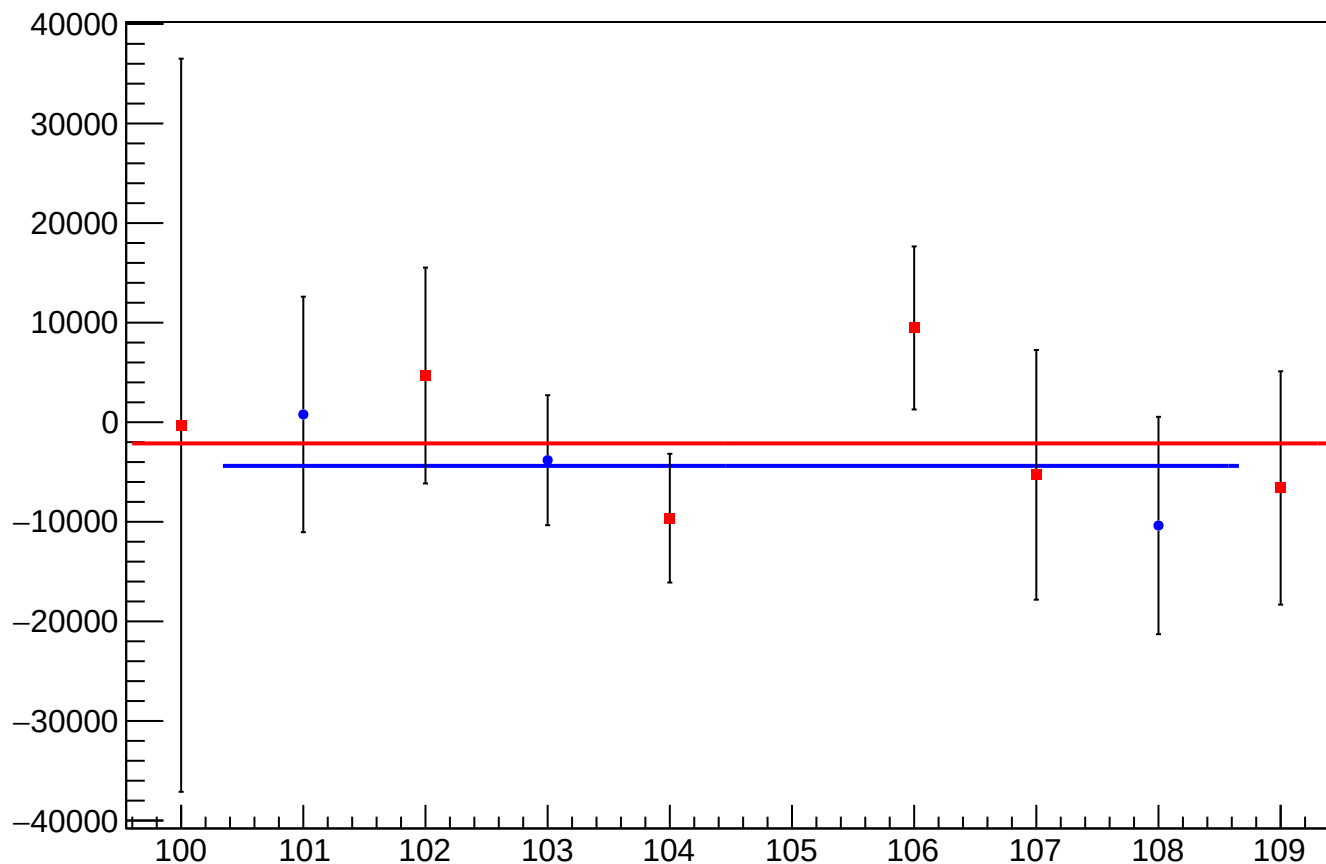
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2132.062+/-0.809 χ^2/NDF : 590705.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_mean vs Slug



Right In: -4382.475+/-5062.706 χ^2 /NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2128.304+/-4024.042 χ^2 /NDF: 4.0/5

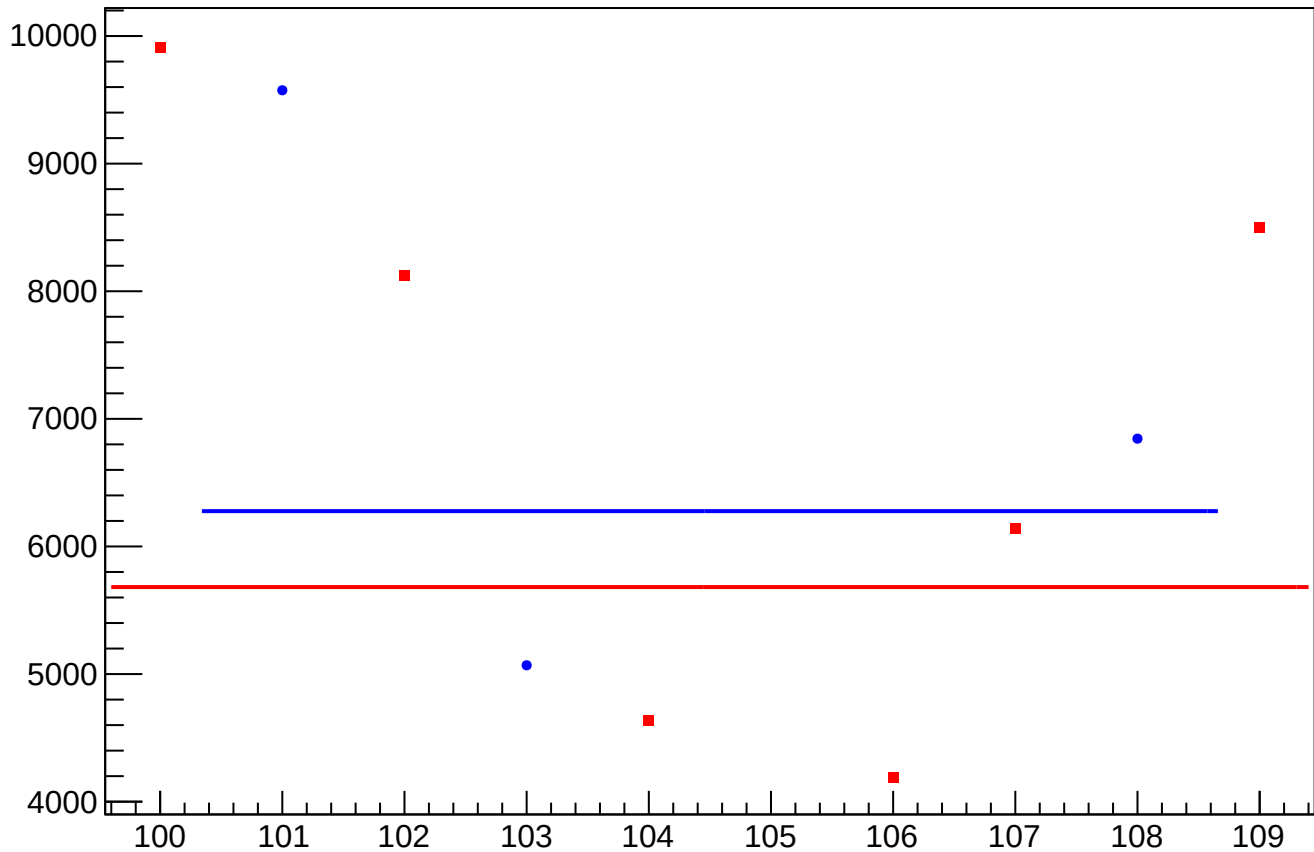
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -3001.049+/-3150.162 χ^2 /NDF: 4.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr2_reg_correction_rms vs Slug



Right In: 6276.847+/-3.580 χ^2/NDF : 229485.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5681.785+/-2.845 χ^2/NDF : 364482.3/5

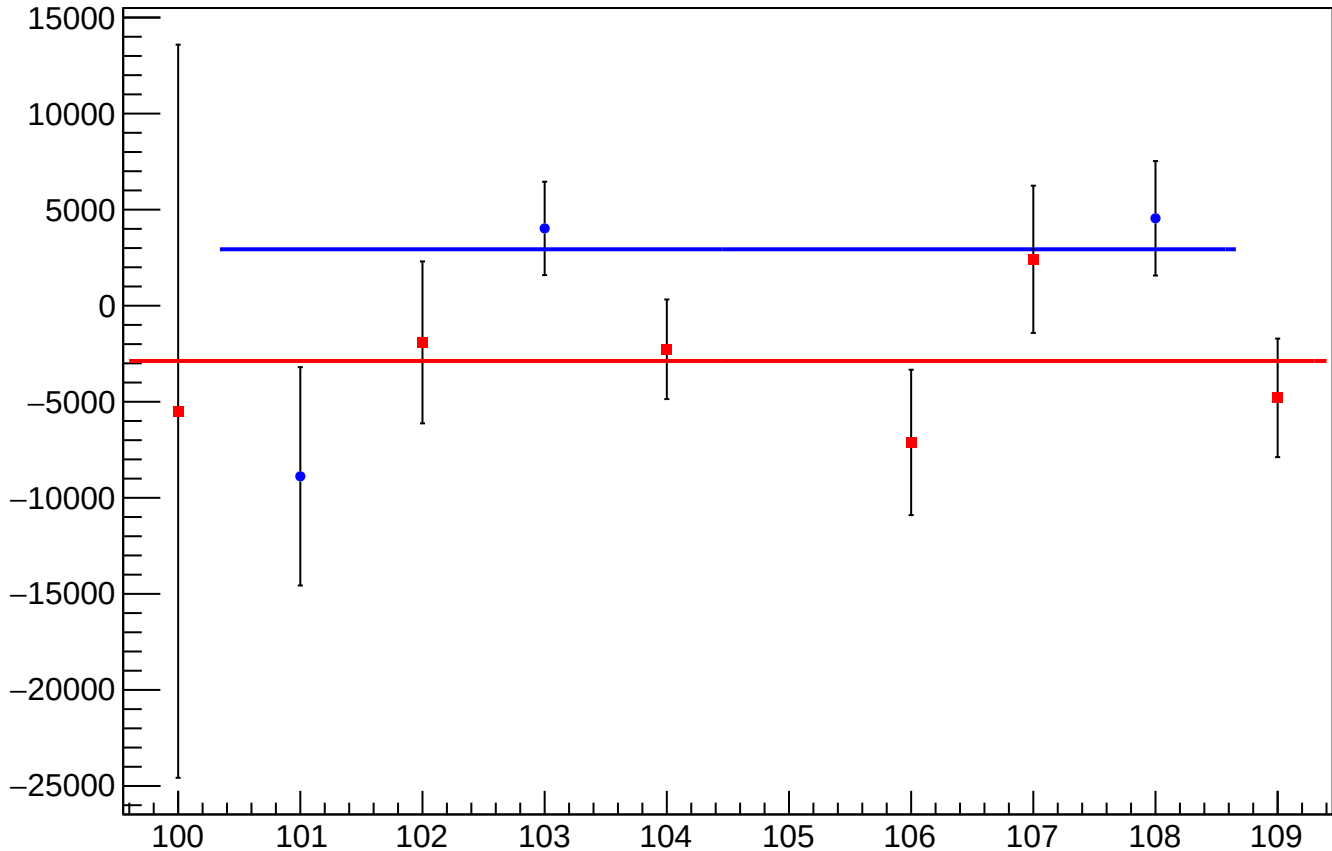
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5912.175+/-2.228 χ^2/NDF : 610900.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_mean vs Slug



Right In: 2936.652 $\pm$ 1787.338 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2875.889 $\pm$ 1489.235 χ^2 /NDF: 3.7/5

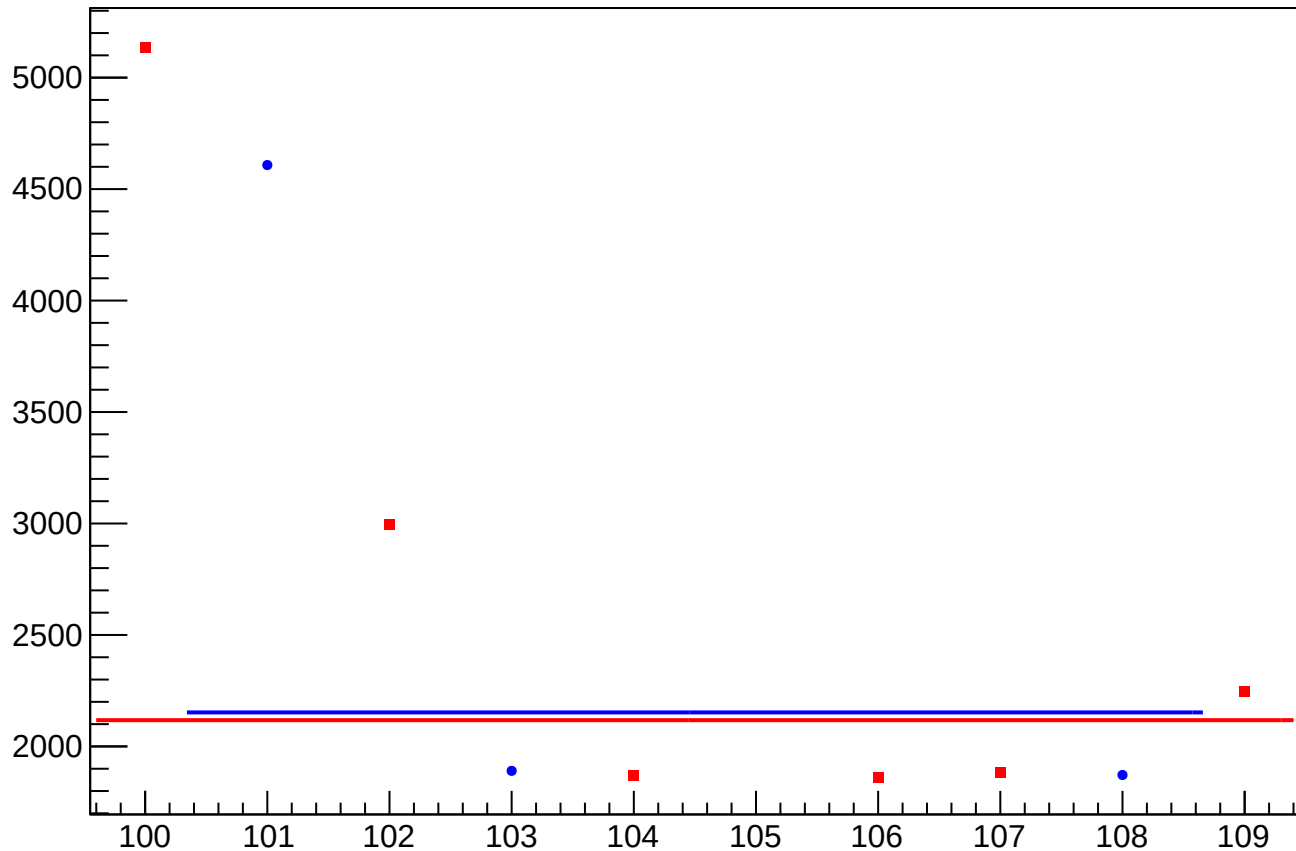
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -494.103 $\pm$ 1144.129 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr2_rms vs Slug



Right In: 2152.633+/-1.264 χ^2/NDF : 414367.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.834+/-1.053 χ^2/NDF : 175867.4/5

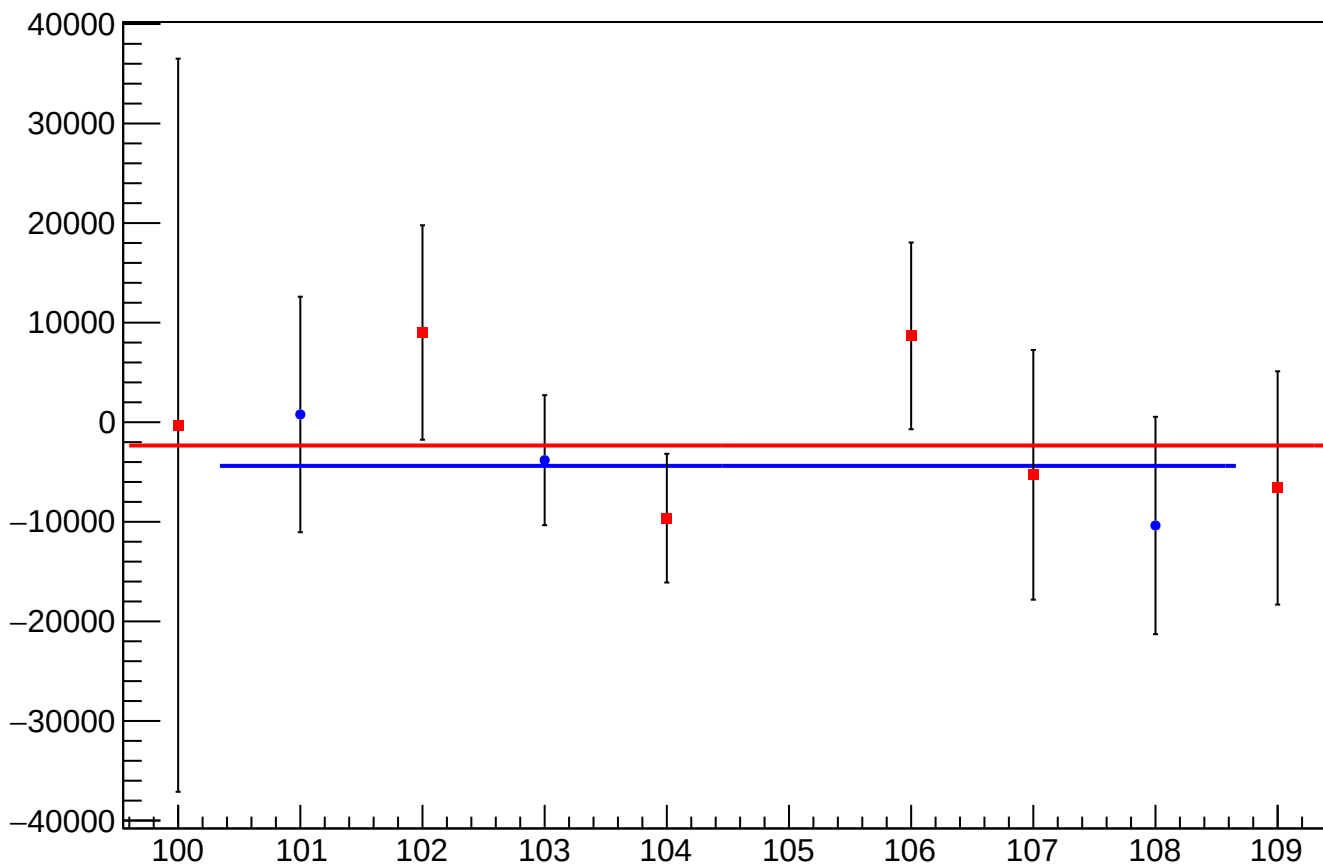
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2132.093+/-0.809 χ^2/NDF : 590682.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_mean vs Slug



Right In: -4382.173+/-5063.104 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2336.640+/-4140.837 χ^2/NDF : 4.0/5

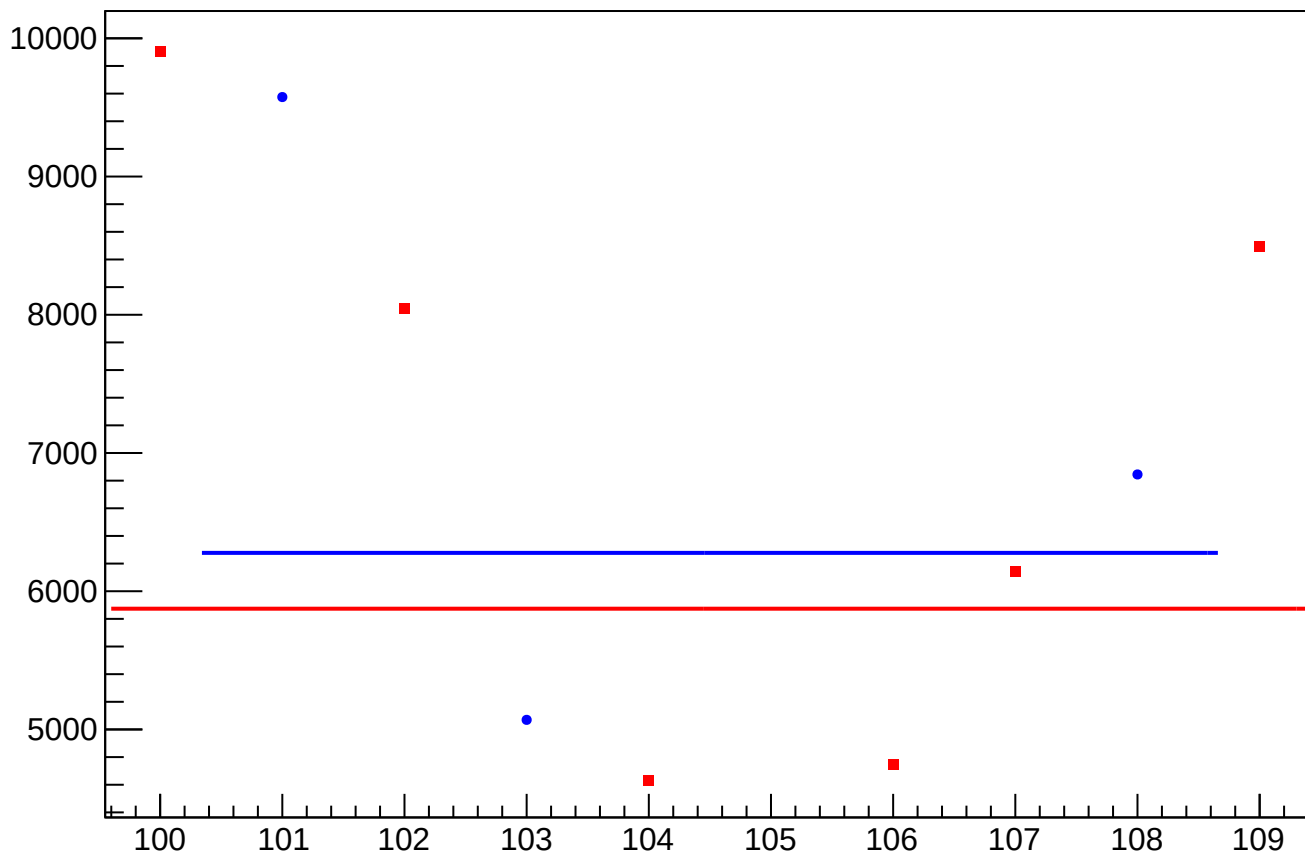
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3156.475+/-3205.359 χ^2/NDF : 4.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_rms vs Slug



Right In: 6277.466+/-3.580 χ^2/NDF : 229386.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5873.612+/-2.928 χ^2/NDF : 309013.3/5

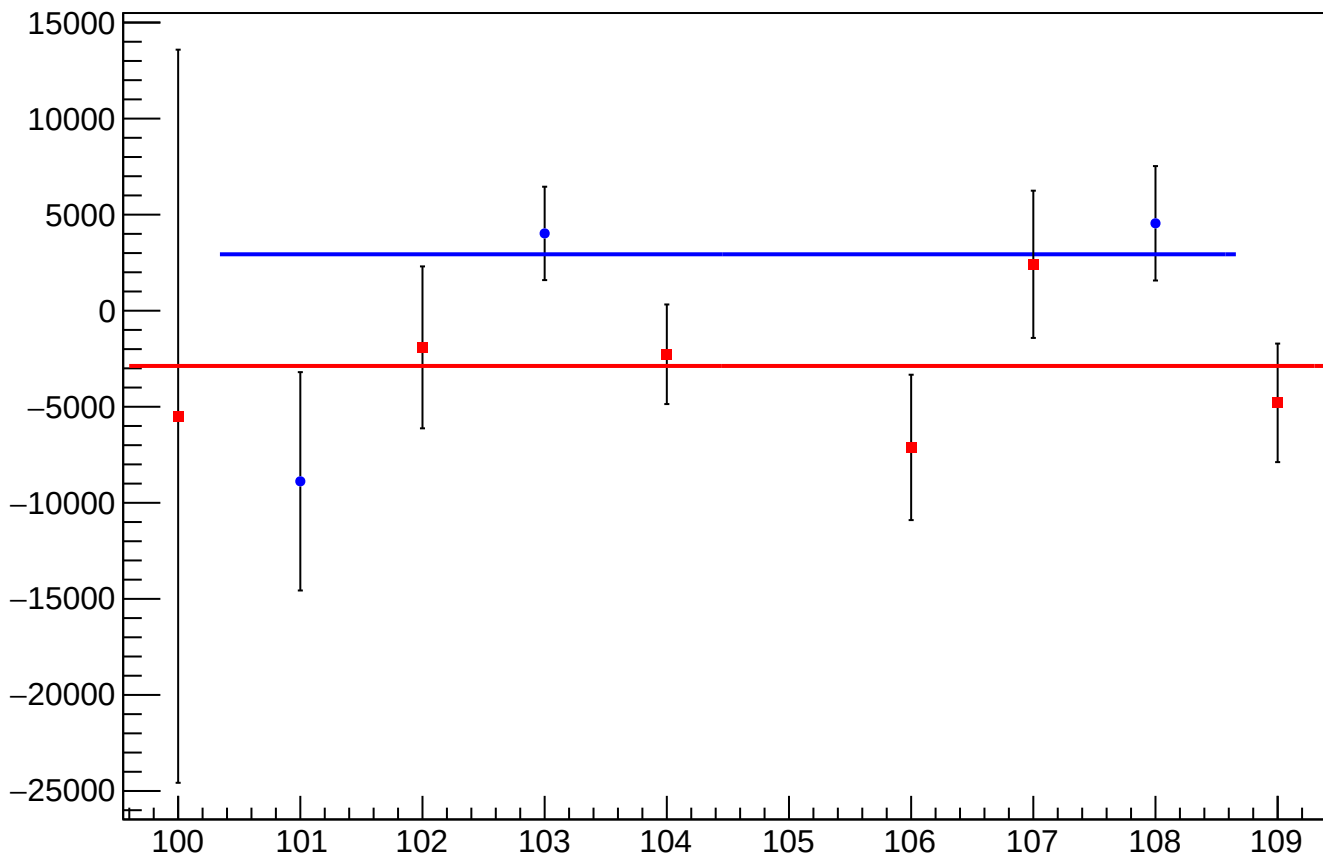
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6035.474+/-2.267 χ^2/NDF : 546024.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_mean vs Slug



Right In: 2936.652 $\pm$ 1787.338 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2875.889 $\pm$ 1489.235 χ^2 /NDF: 3.7/5

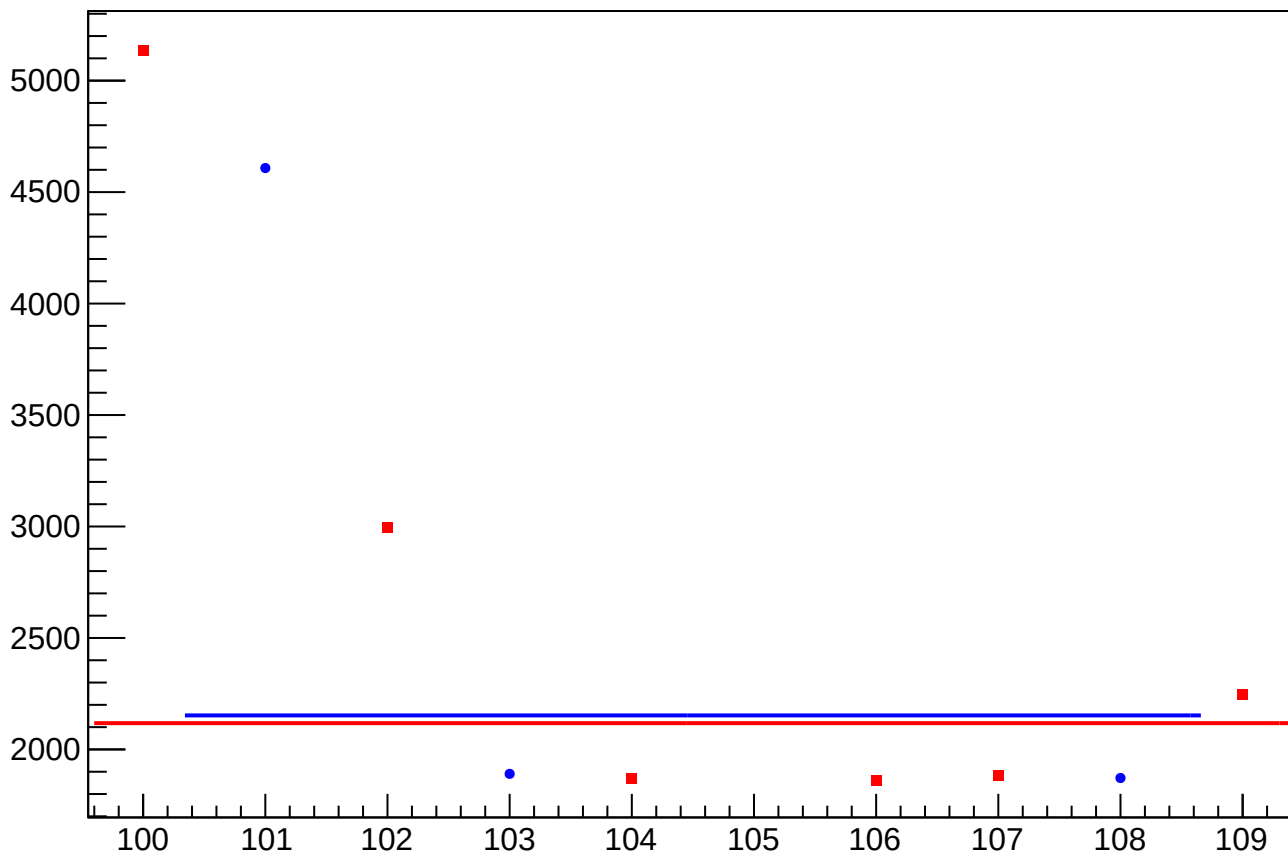
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -494.103 $\pm$ 1144.129 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr2_rms vs Slug



Right In: 2152.633+/-1.264 χ^2/NDF : 414367.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.834+/-1.053 χ^2/NDF : 175867.4/5

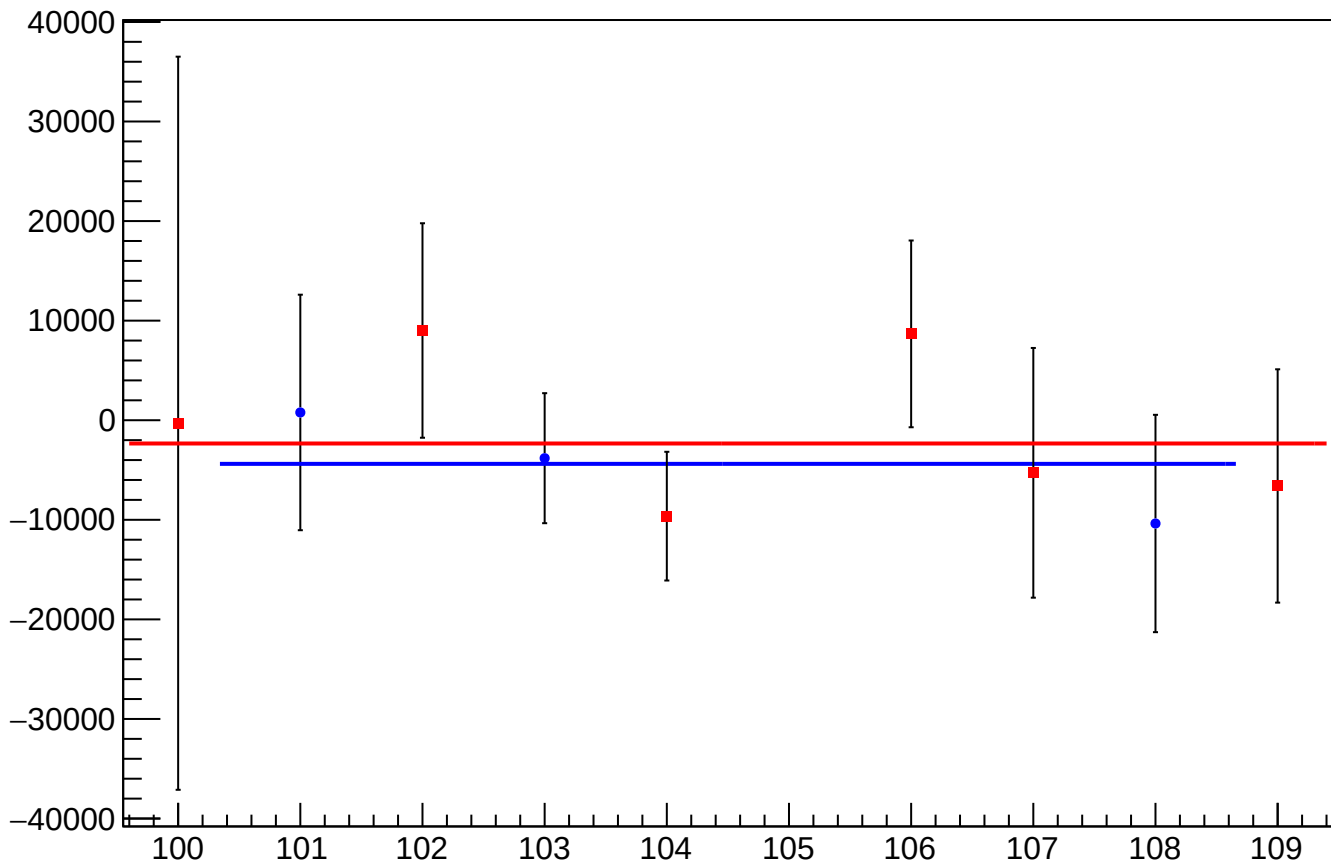
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2132.093+/-0.809 χ^2/NDF : 590682.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -4382.173+/-5063.104 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2336.640+/-4140.837 χ^2/NDF : 4.0/5

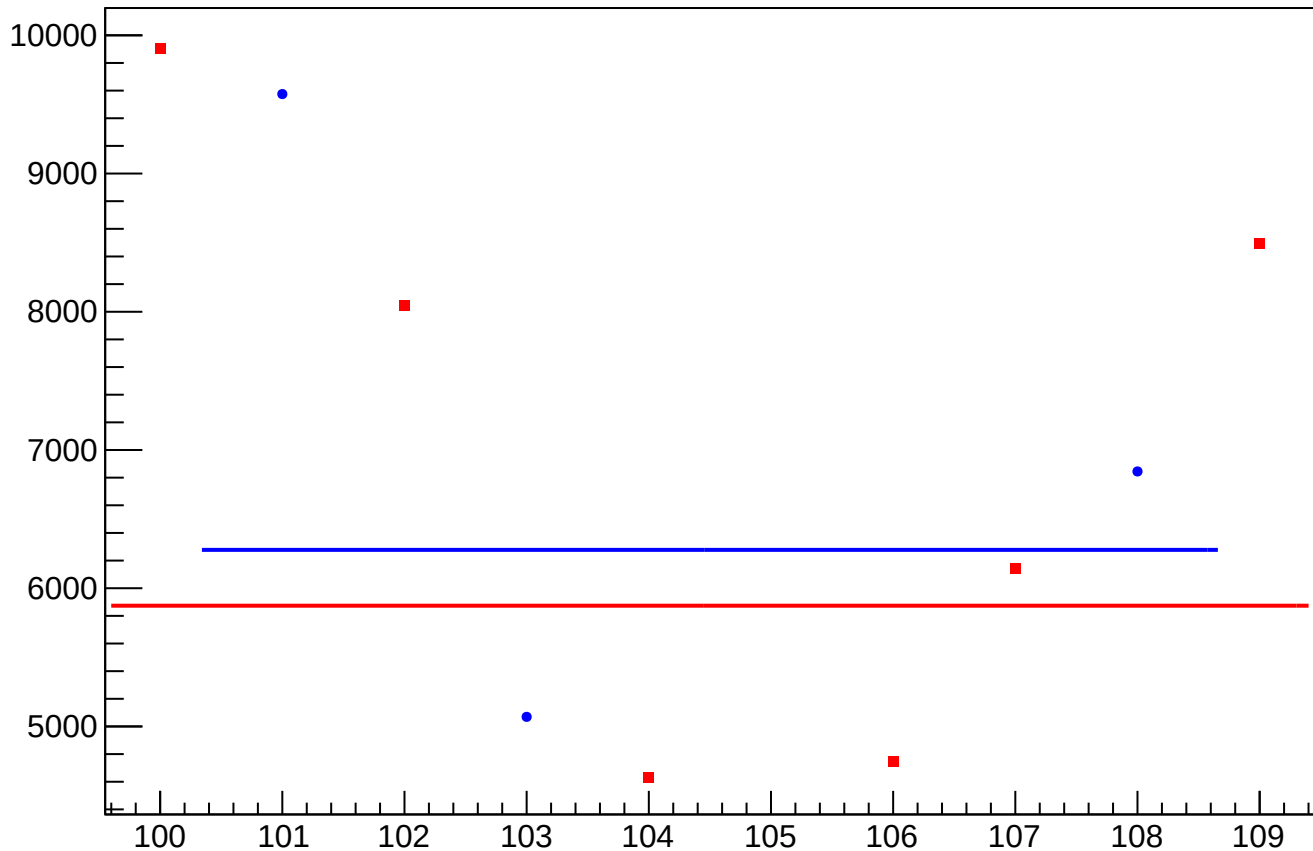
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3156.475+/-3205.359 χ^2/NDF : 4.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 6277.466+/-3.580 χ^2/NDF : 229386.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5873.612+/-2.928 χ^2/NDF : 309013.3/5

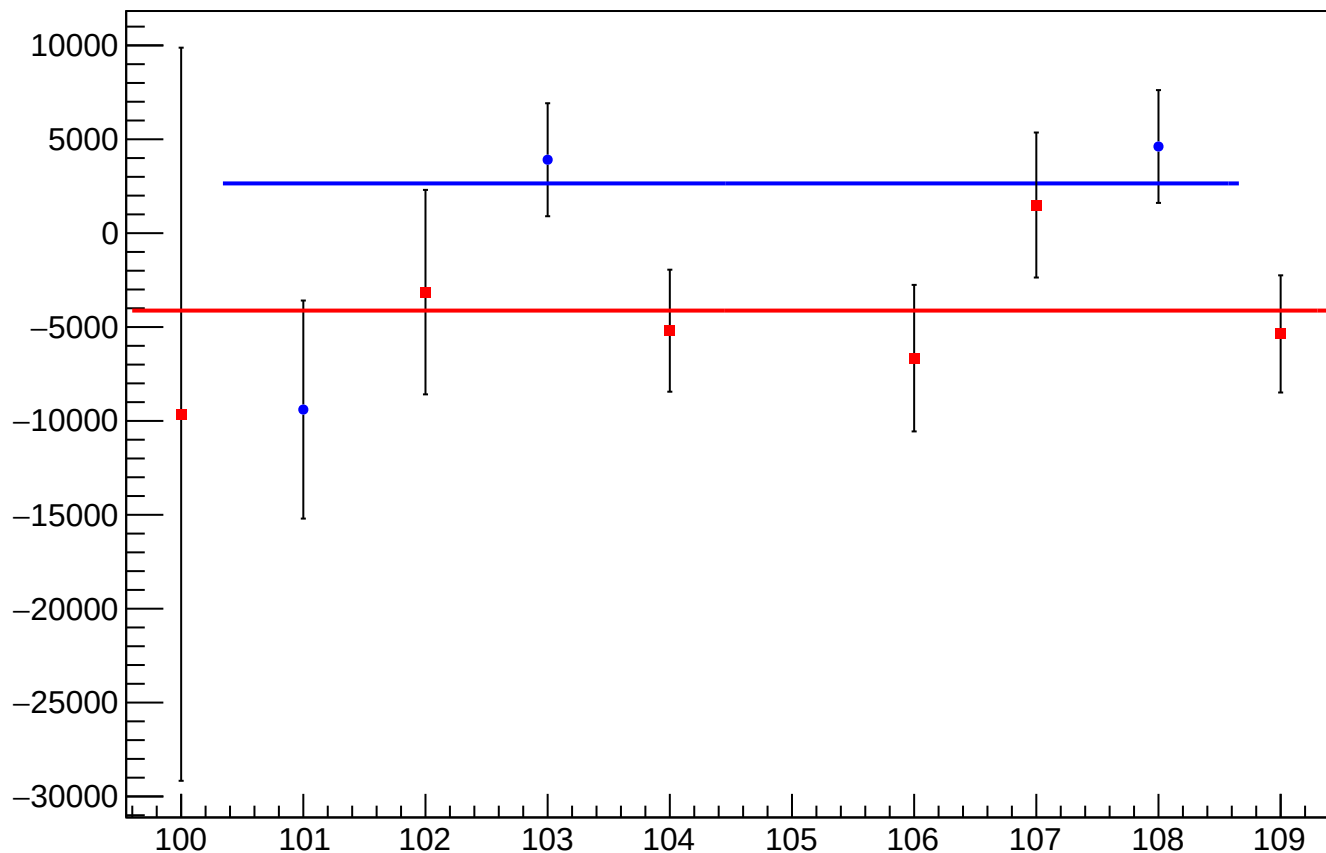
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6035.474+/-2.267 χ^2/NDF : 546024.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 2649.308+/-1996.427 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4122.930+/-1651.823 χ^2/NDF : 2.9/5

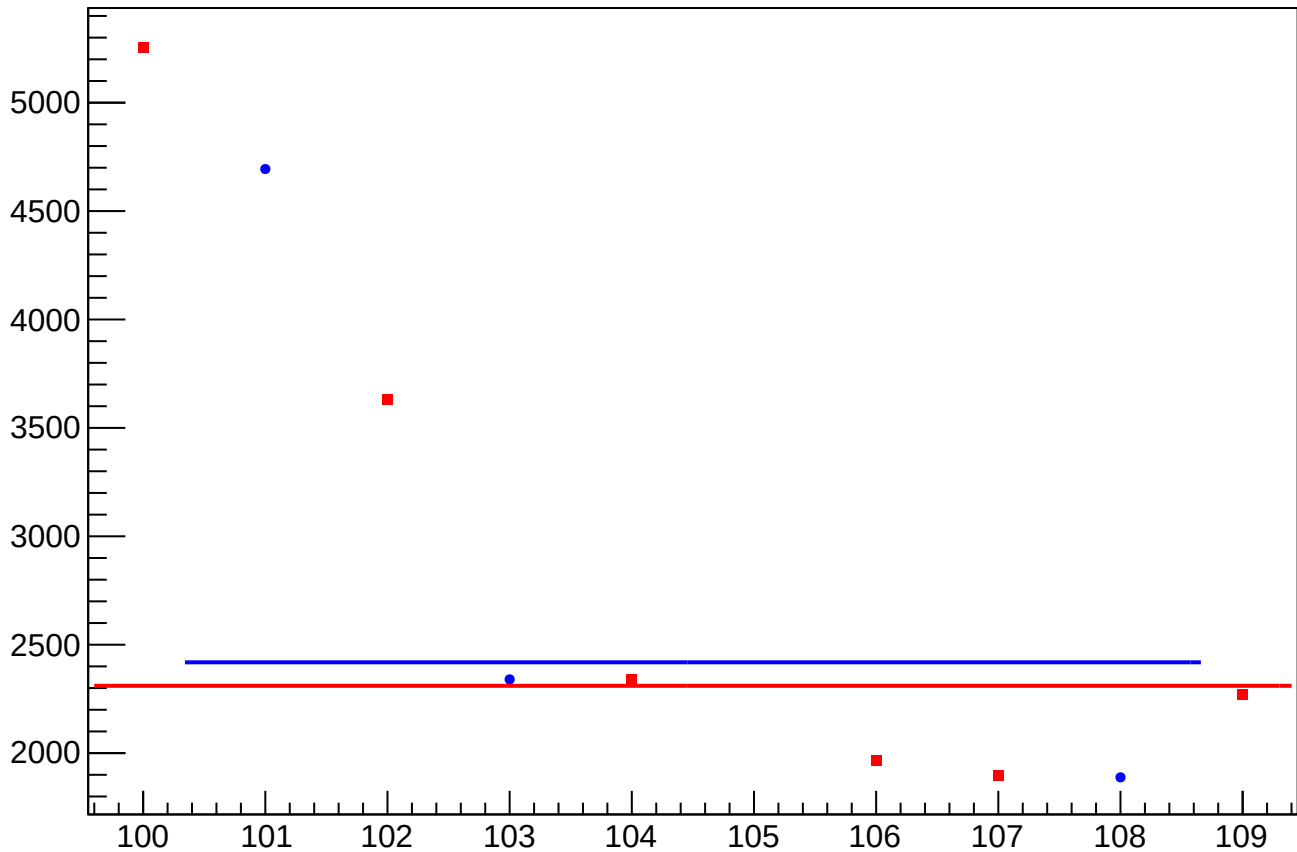
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1370.842+/-1272.678 χ^2/NDF : 14.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_rms vs Slug



Right In: 2418.801 $\pm$ 1.412 χ^2 /NDF: 370732.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2310.472 $\pm$ 1.166 χ^2 /NDF: 202105.0/5

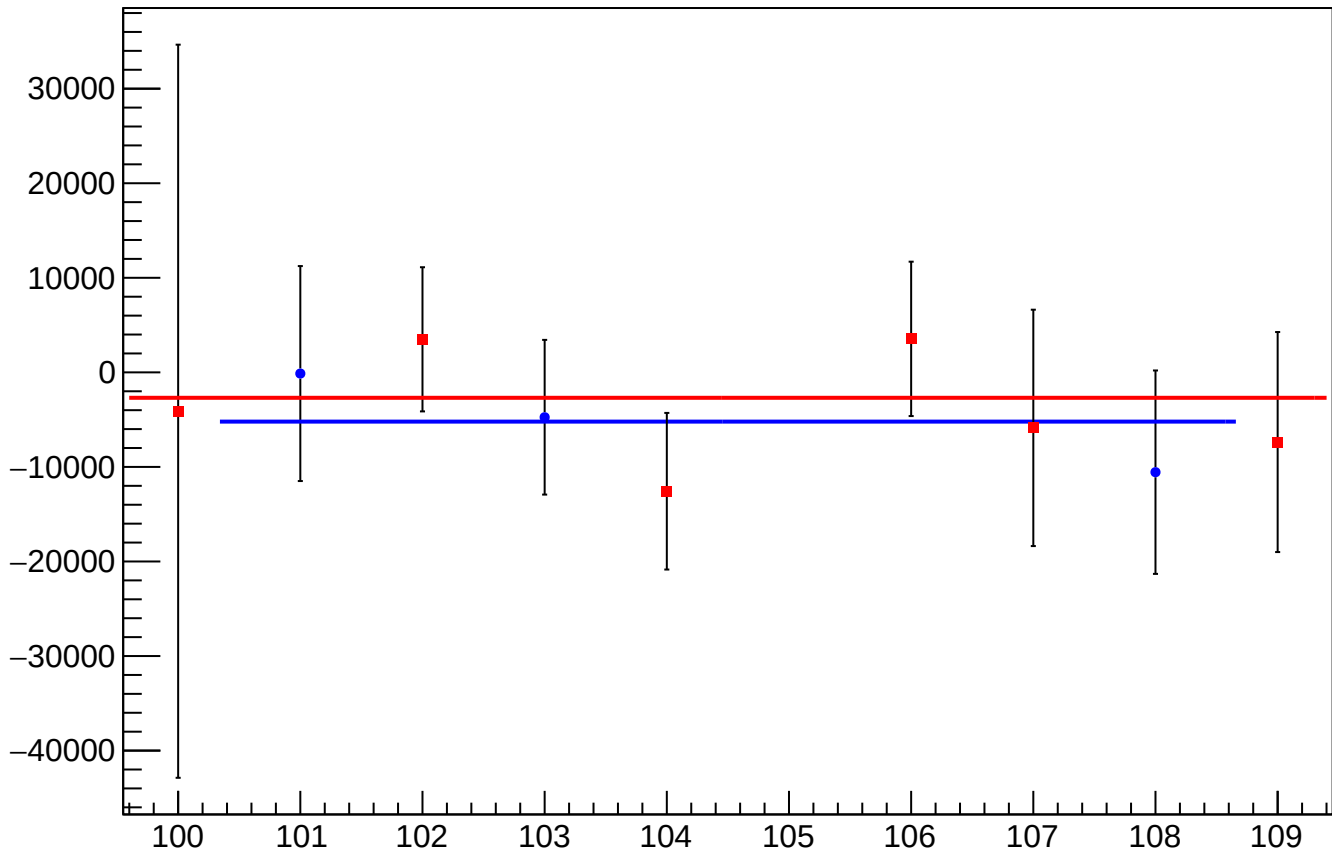
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2354.405 $\pm$ 0.899 χ^2 /NDF: 576338.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_correction_mean vs Slug



Right In: -5207.988+/-5649.882 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2689.958+/-4040.523 χ^2/NDF : 2.9/5

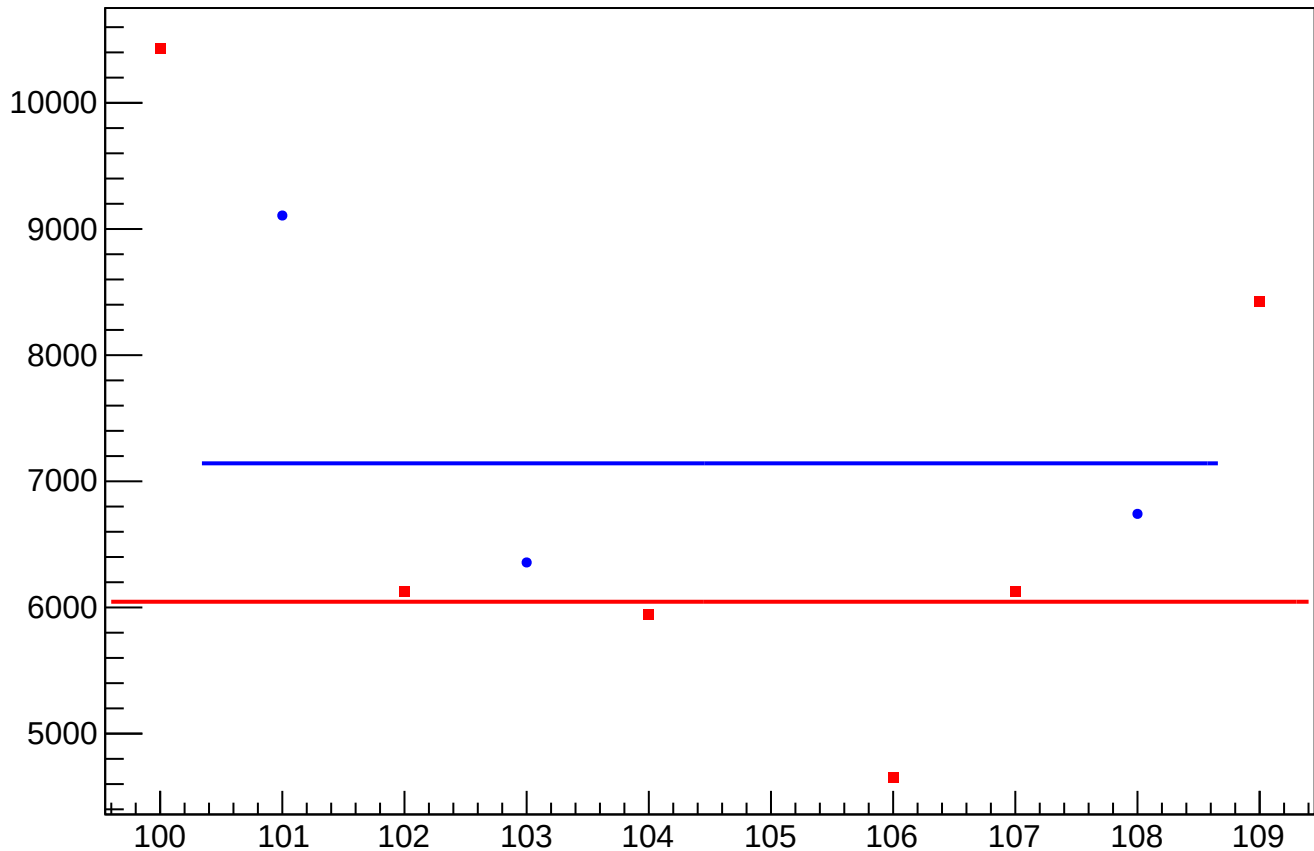
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3542.009+/-3286.562 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 7142.527+/-3.995 χ^2/NDF : 80958.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6045.374+/-2.857 χ^2/NDF : 167692.5/5

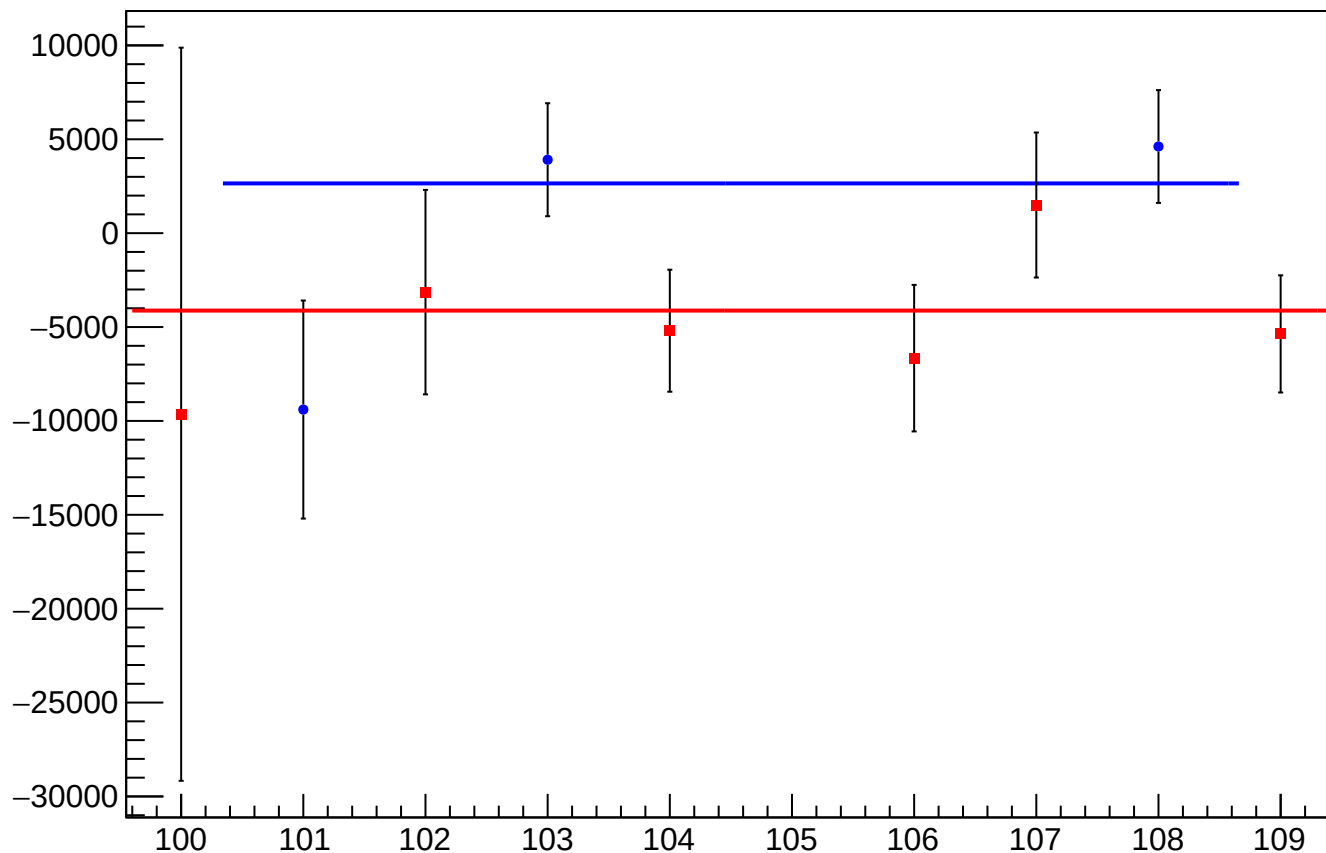
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6416.629+/-2.324 χ^2/NDF : 298549.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr2_mean vs Slug



Right In: 2649.299+/-1996.427 χ^2 /NDF: 4.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4122.924+/-1651.823 χ^2 /NDF: 2.9/5

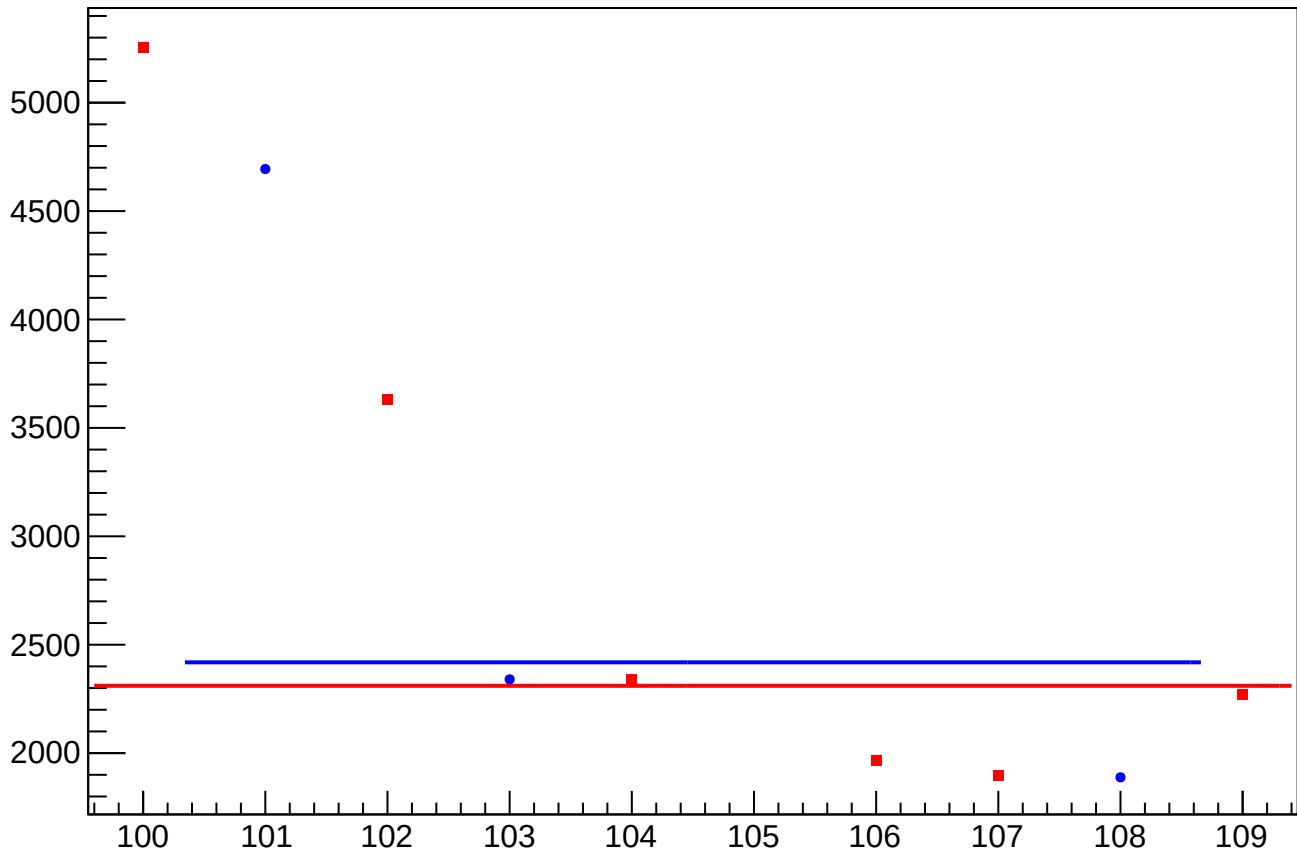
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1370.842+/-1272.678 χ^2 /NDF: 14.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr2_rms vs Slug



Right In: 2418.801 $\pm$ 1.412 χ^2 /NDF: 370732.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2310.472 $\pm$ 1.166 χ^2 /NDF: 202104.7/5

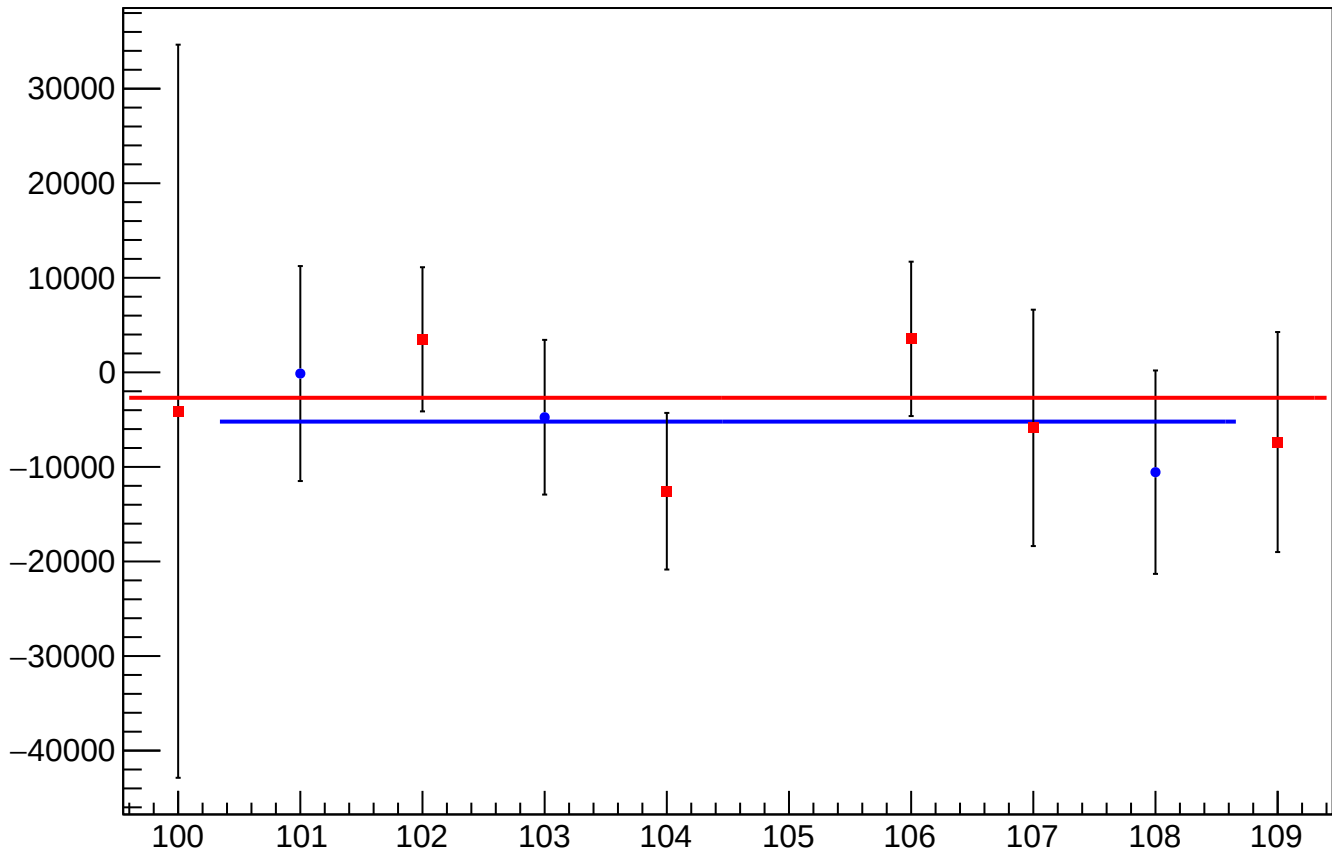
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2354.405 $\pm$ 0.899 χ^2 /NDF: 576337.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_eigen_dit_correction_mean vs Slug



Right In: -5207.995+/-5649.882 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2689.961+/-4040.517 χ^2/NDF : 2.9/5

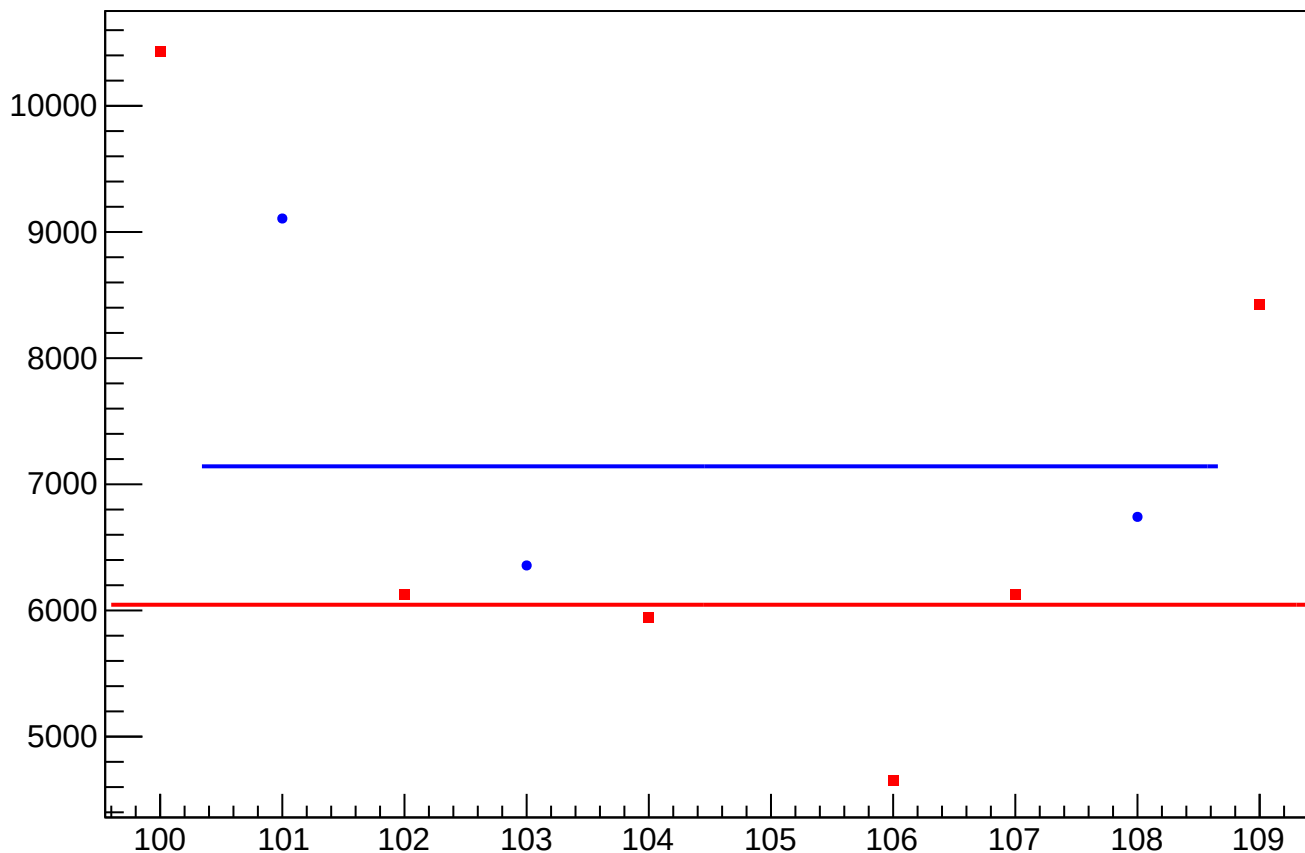
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3542.012+/-3286.559 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 7142.527+/-3.995 χ^2/NDF : 80957.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6045.366+/-2.857 χ^2/NDF : 167693.3/5

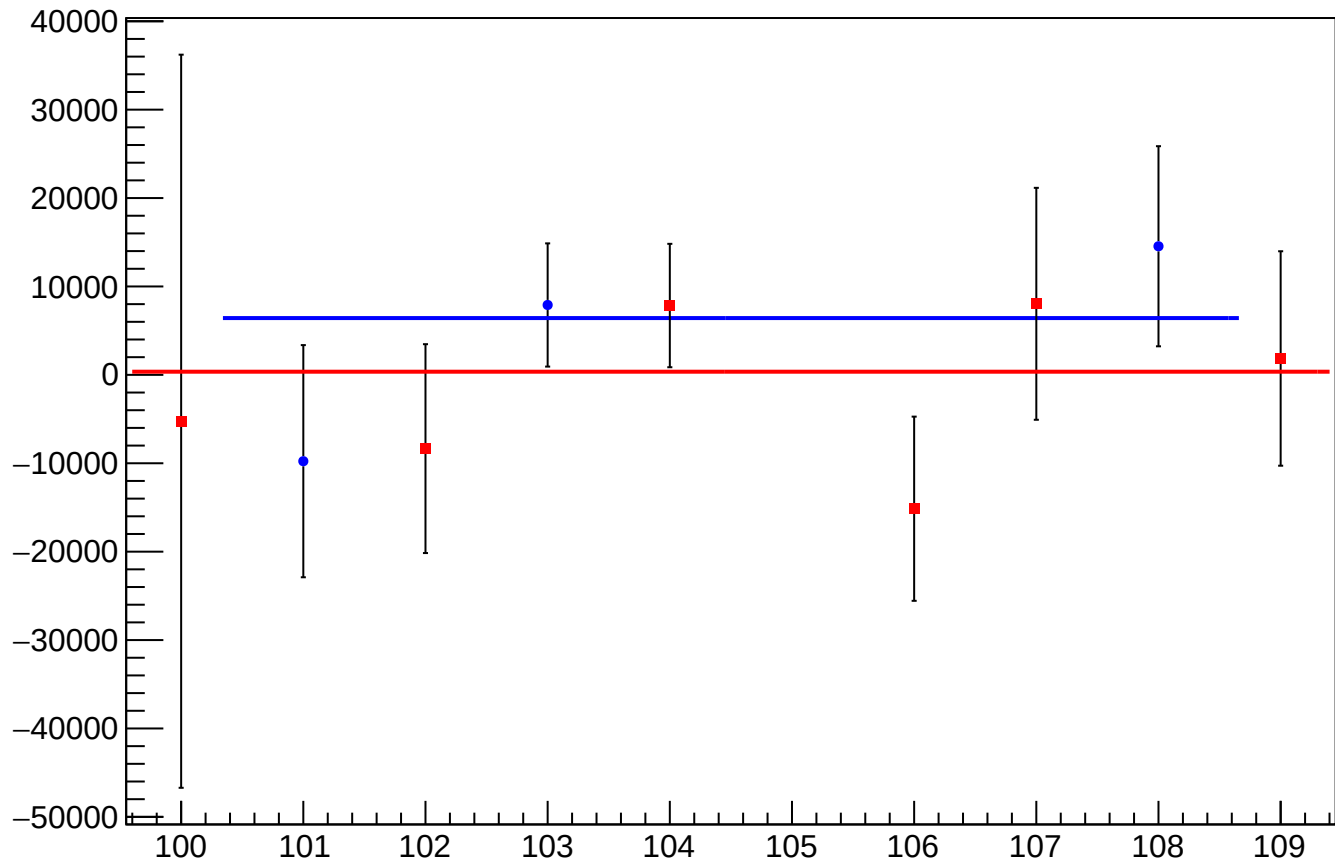
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6416.623+/-2.324 χ^2/NDF : 298550.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 6423.920 $\pm$ 5407.930 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 357.232 $\pm$ 4467.878 χ^2 /NDF: 4.3/5

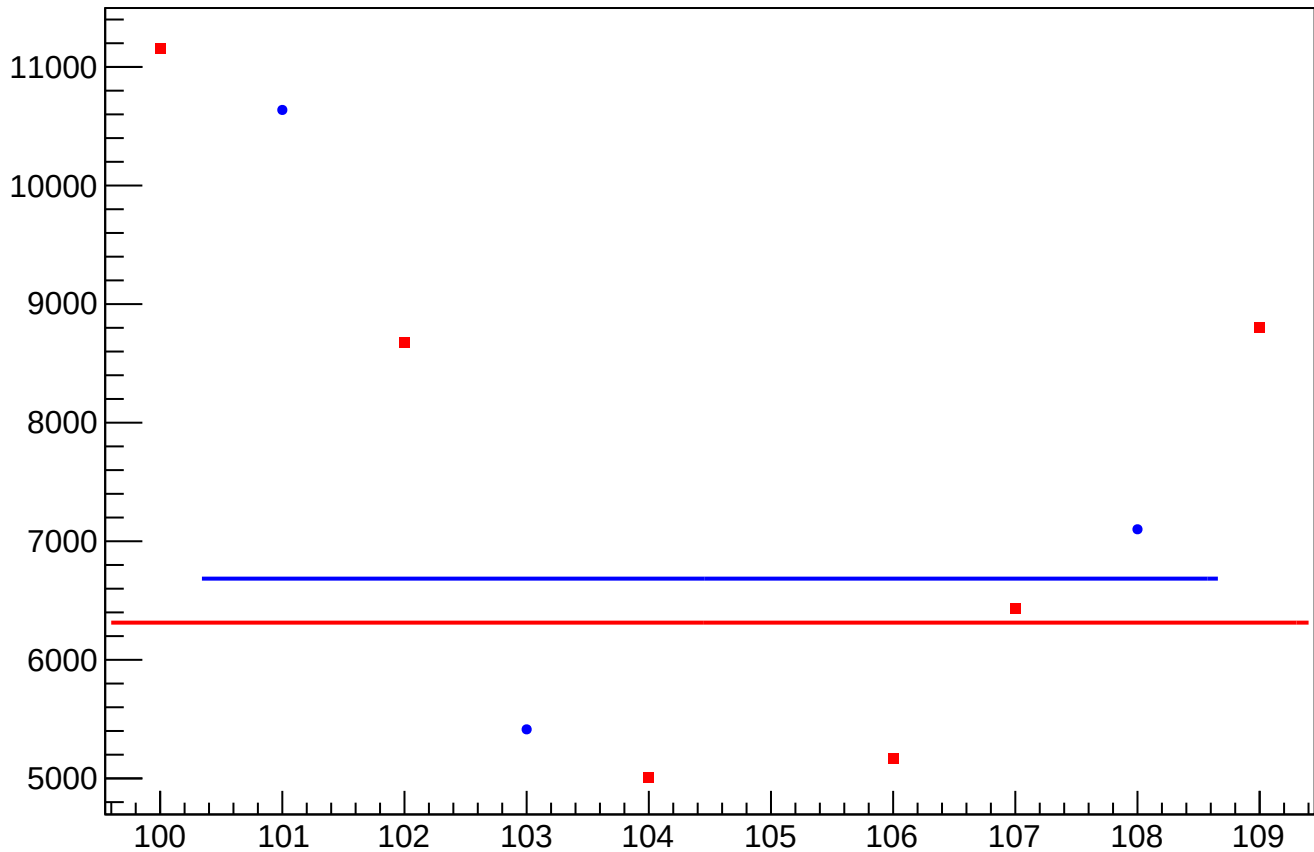
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2818.289 $\pm$ 3444.420 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_rms vs Slug



Right In: 6684.816+/-3.824 χ^2/NDF : 250435.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6313.694+/-3.159 χ^2/NDF : 285300.5/5

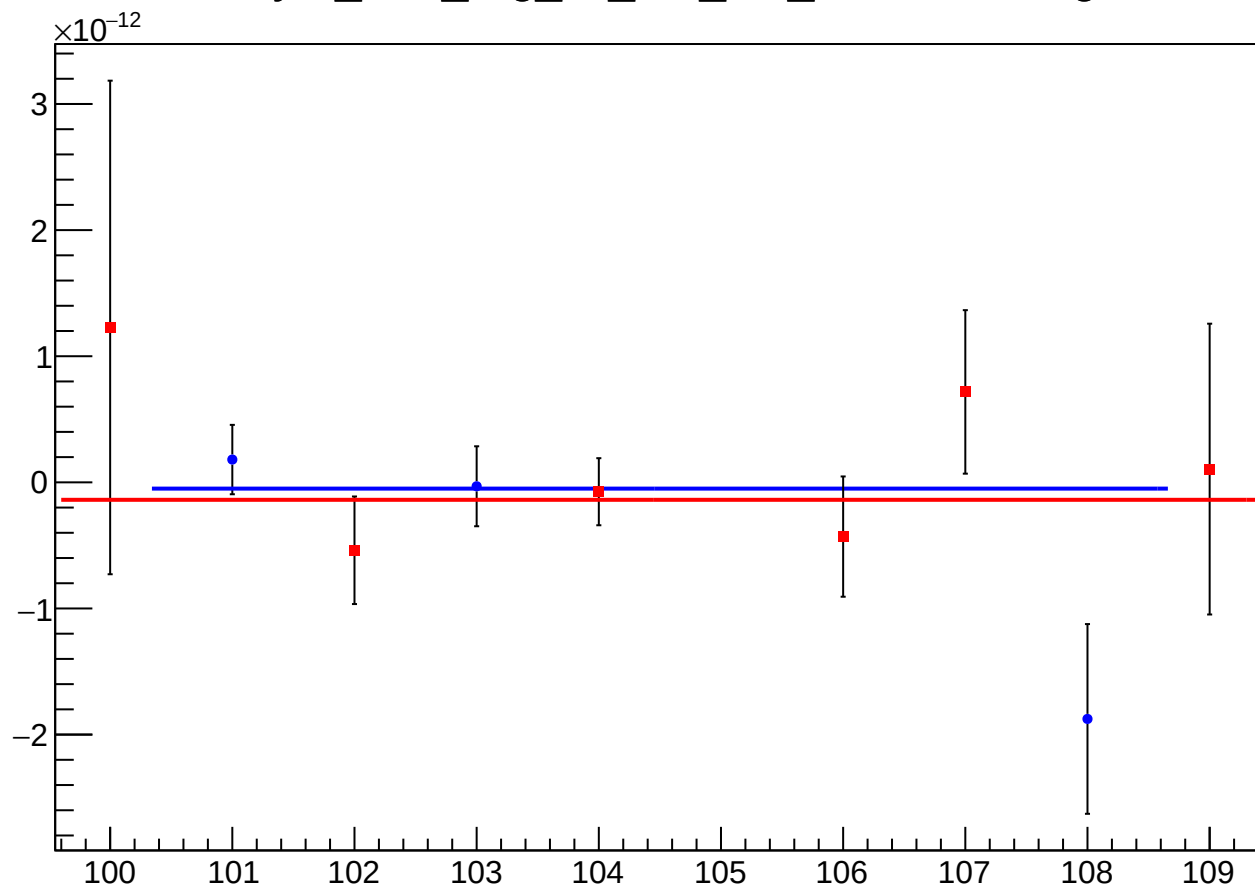
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6464.239+/-2.436 χ^2/NDF : 541333.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 6.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 3.6/5

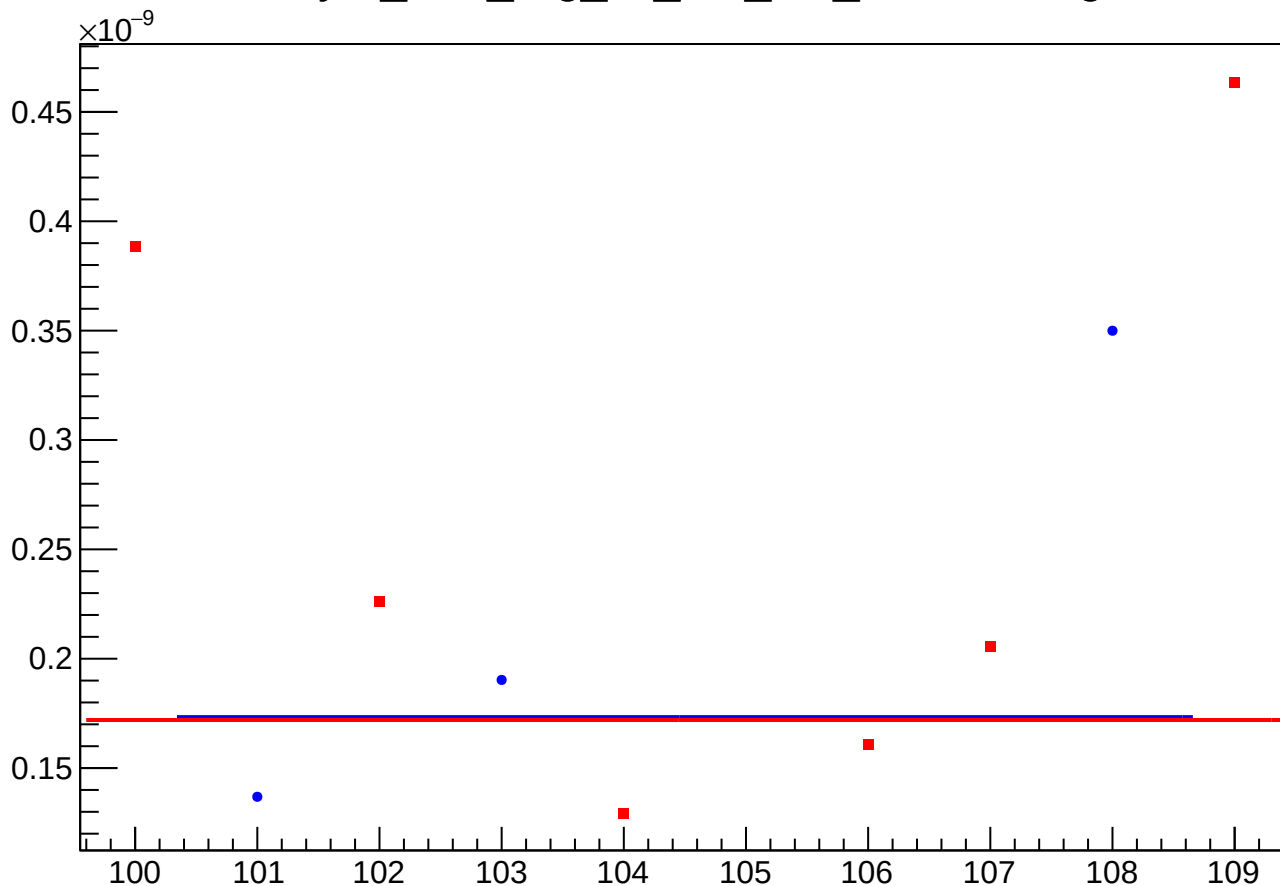
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 10.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 151162.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 242328.1/5

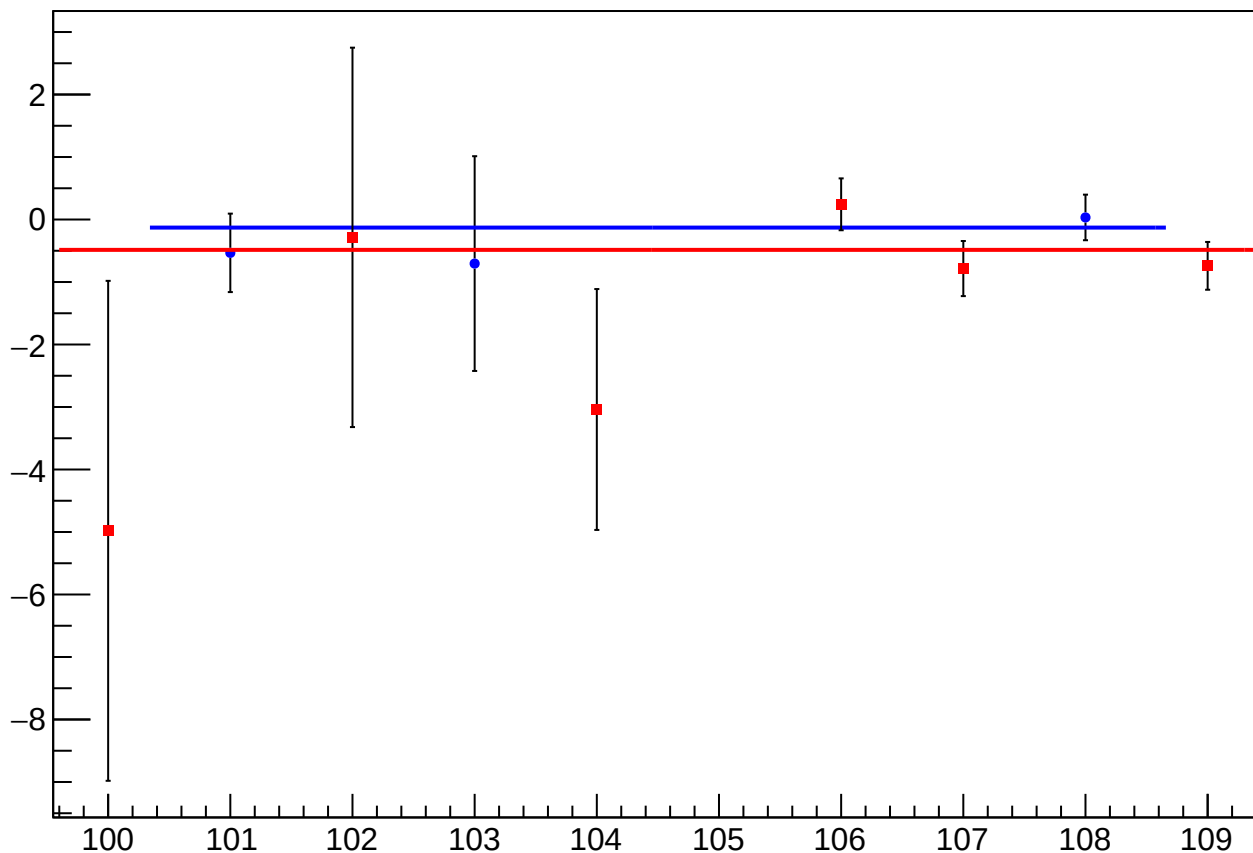
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 393535.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: -0.129 $\pm$ 0.310 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.486 $\pm$ 0.234 χ^2 /NDF: 7.0/5

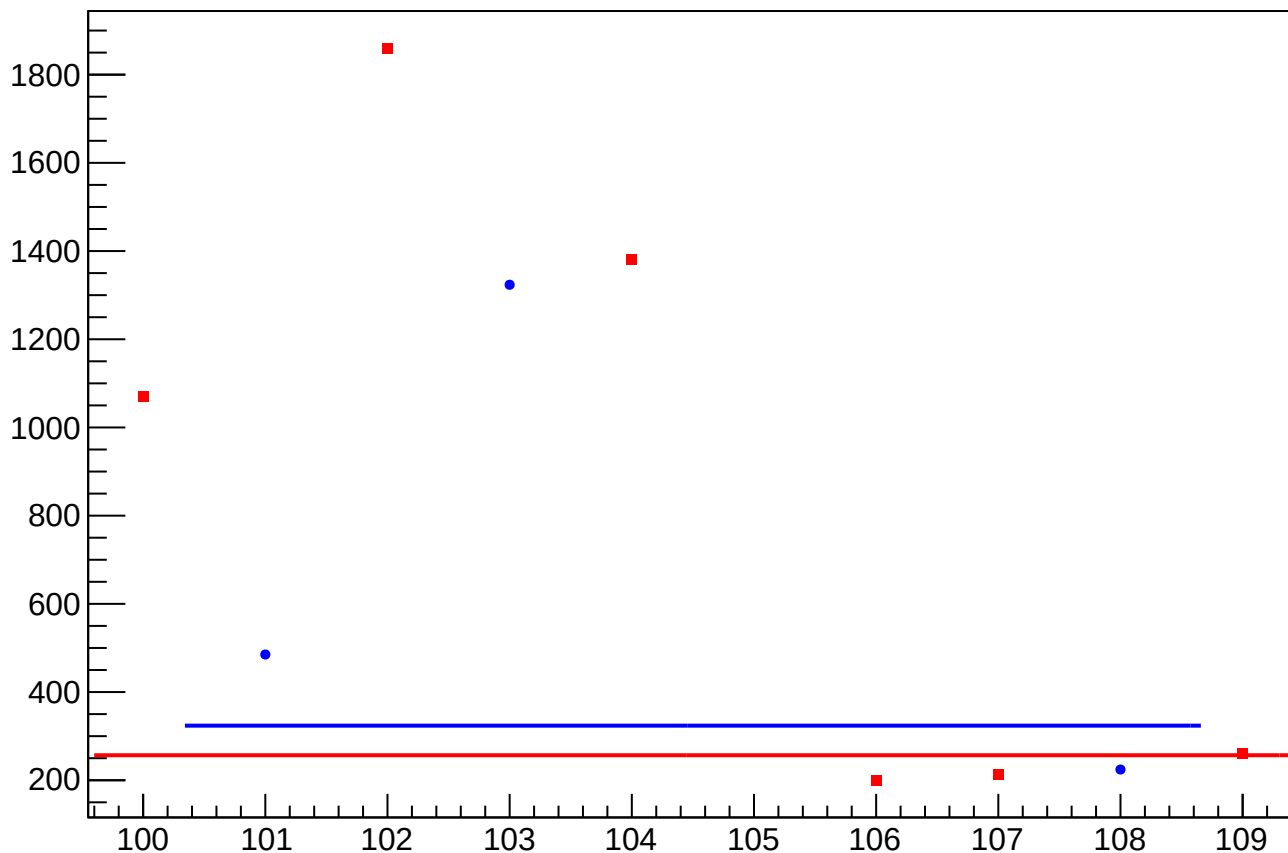
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.356 $\pm$ 0.187 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 323.829+/-0.219 χ^2/NDF : 958161.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.729+/-0.166 χ^2/NDF : 1379907.5/5

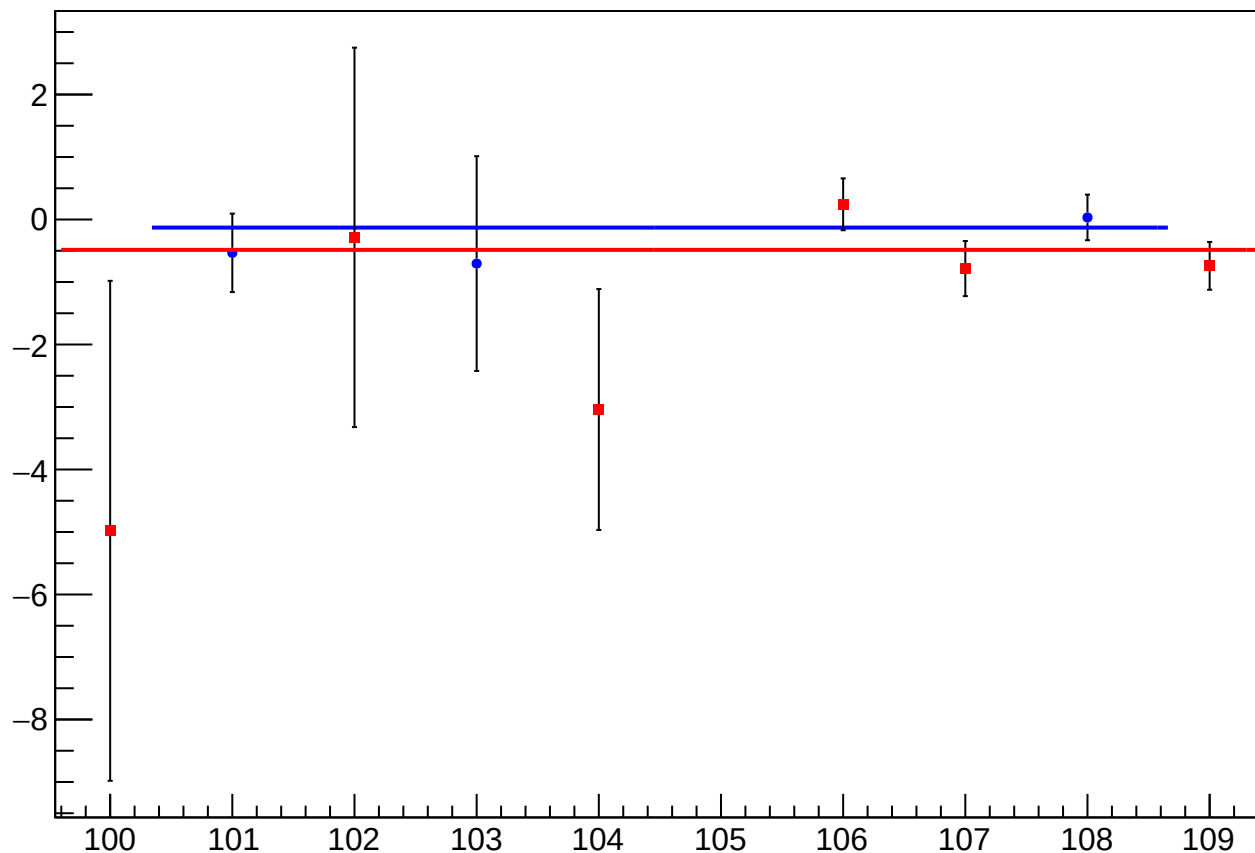
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.092+/-0.132 χ^2/NDF : 2397689.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.129 ± 0.310 χ^2/NDF : 0.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.486 ± 0.234 χ^2/NDF : 7.0/5

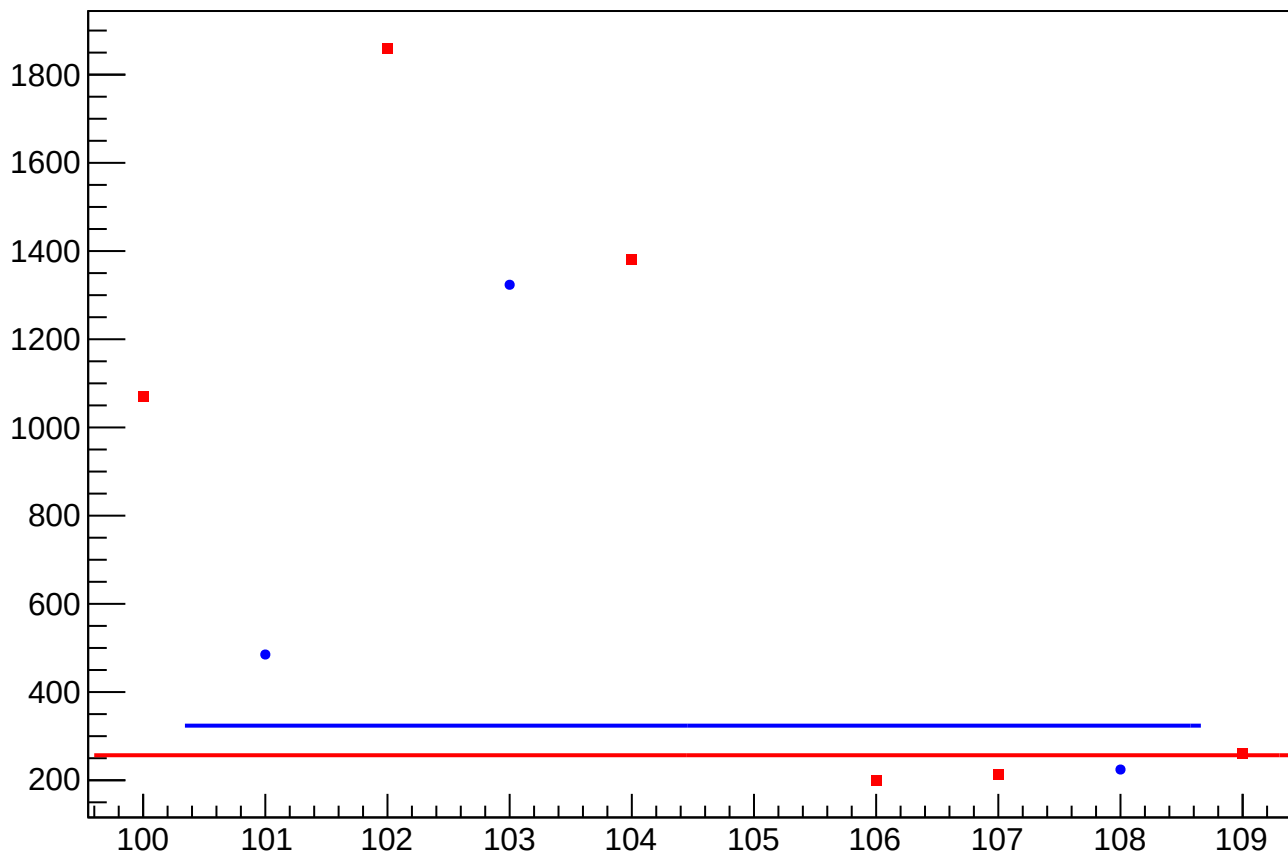
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.356 ± 0.187 χ^2/NDF : 8.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 323.829+/-0.219 χ^2/NDF : 958161.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.729+/-0.166 χ^2/NDF : 1379907.5/5

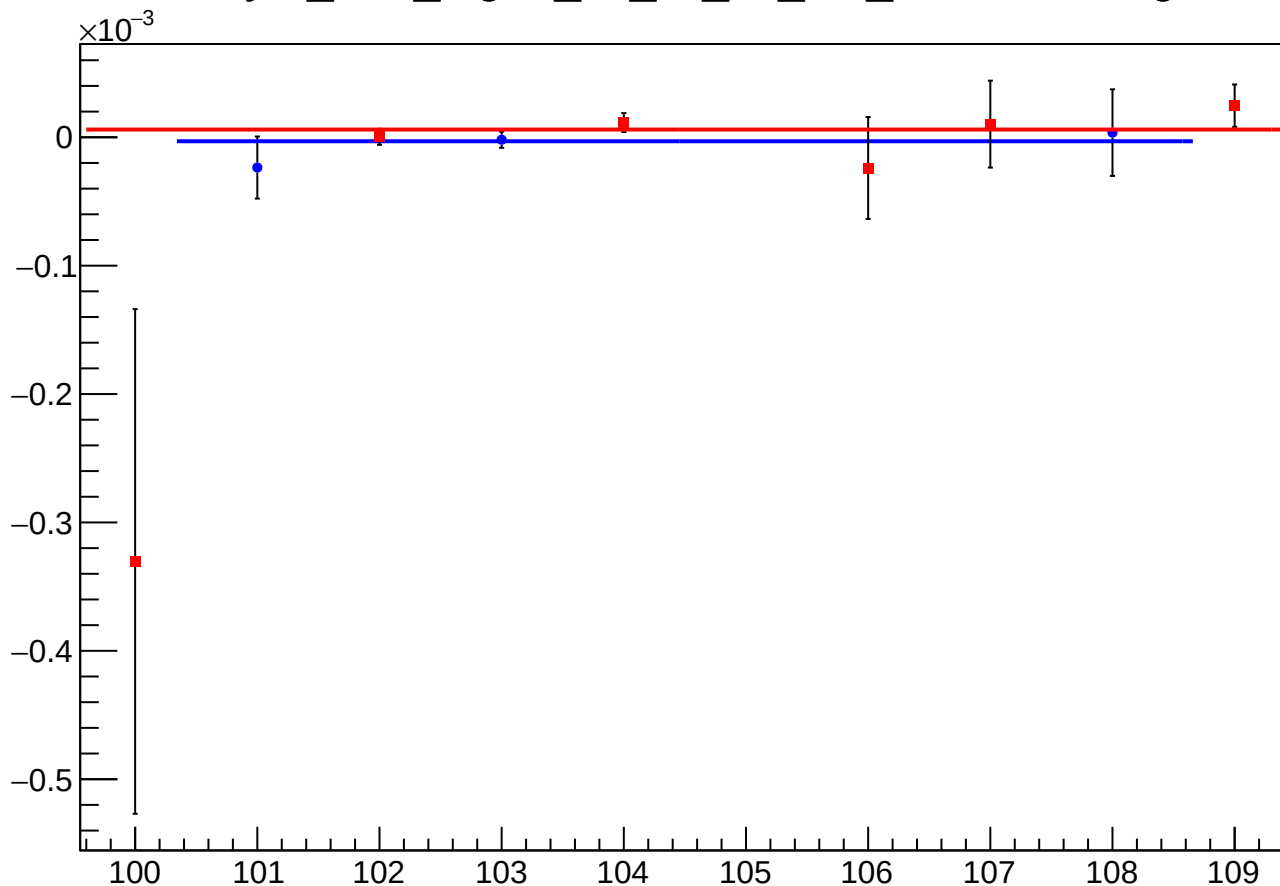
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.092+/-0.132 χ^2/NDF : 2397689.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/5

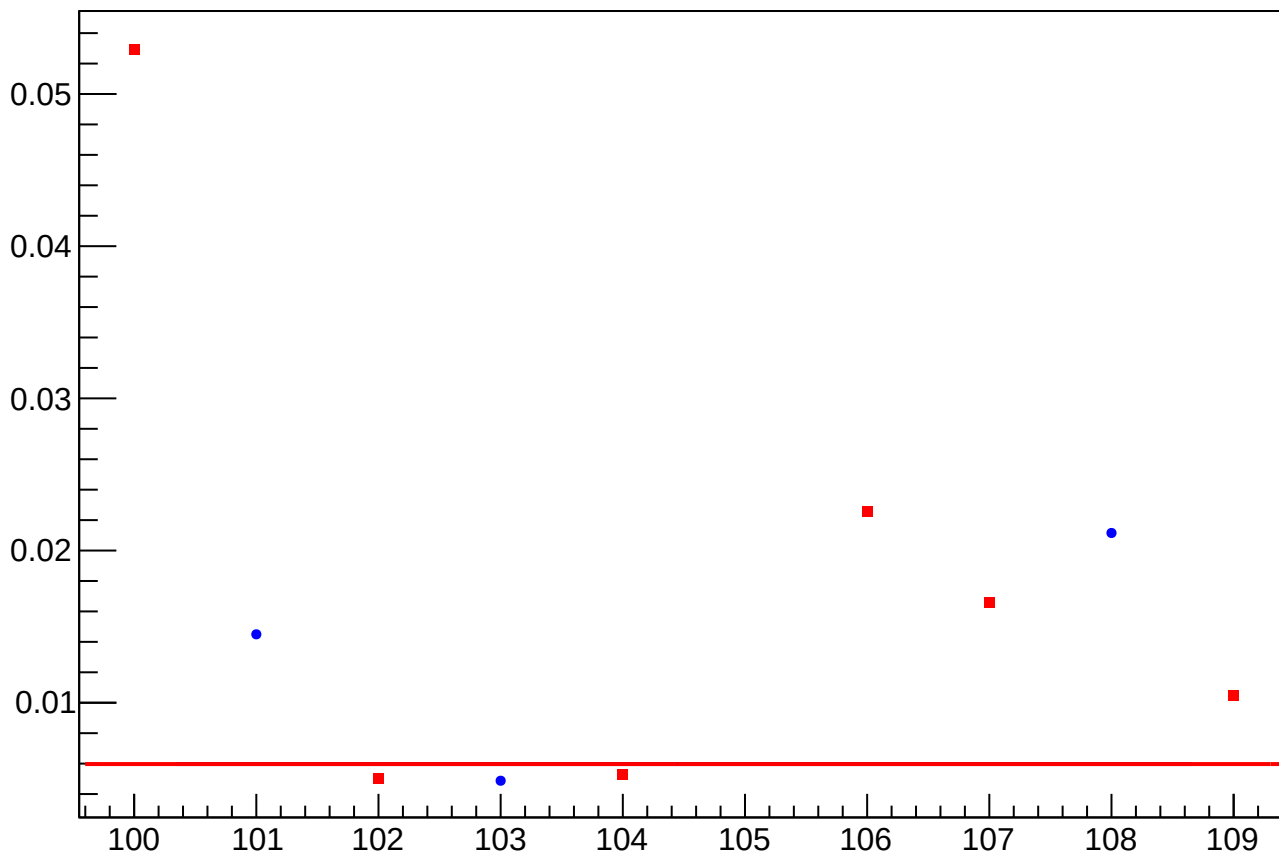
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 715196.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 877088.6/5

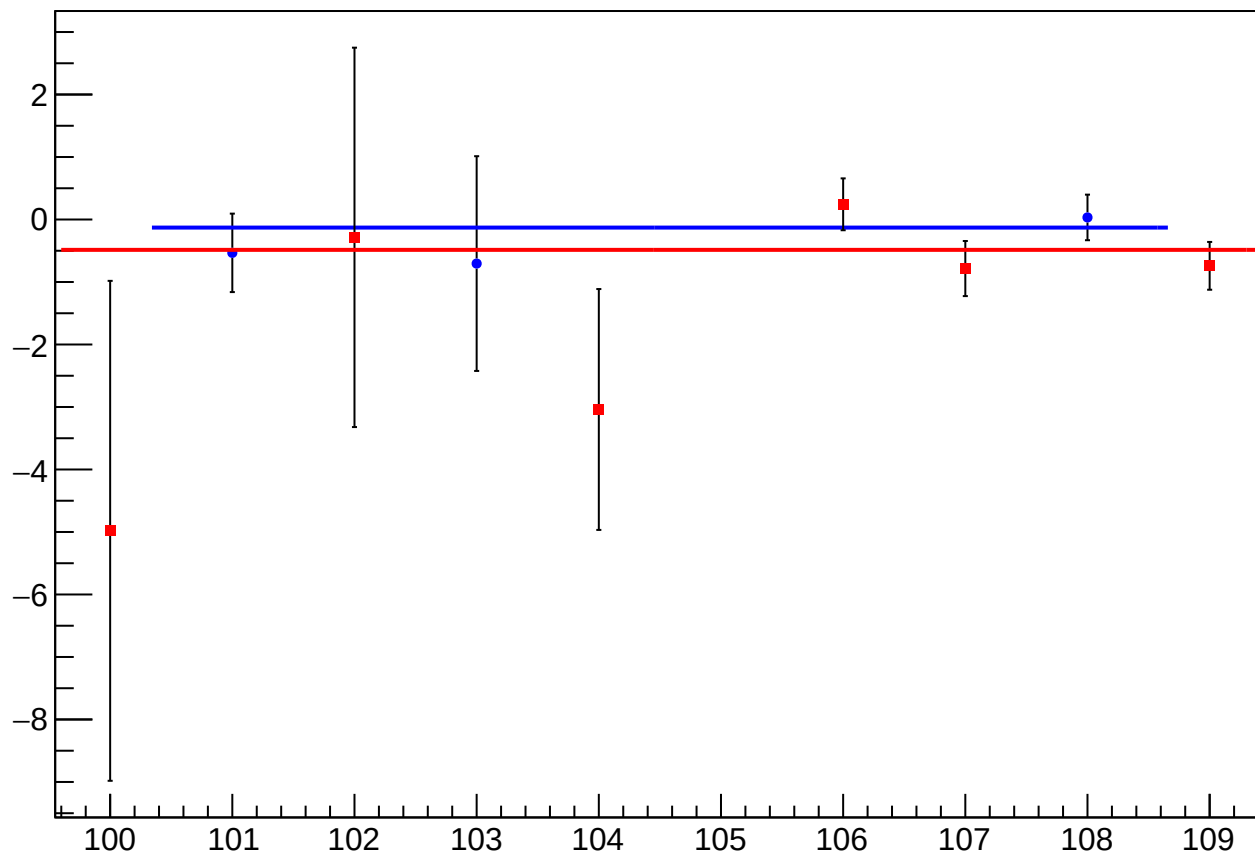
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1592285.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.129 ± 0.310 χ^2/NDF : 0.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.486 ± 0.234 χ^2/NDF : 7.0/5

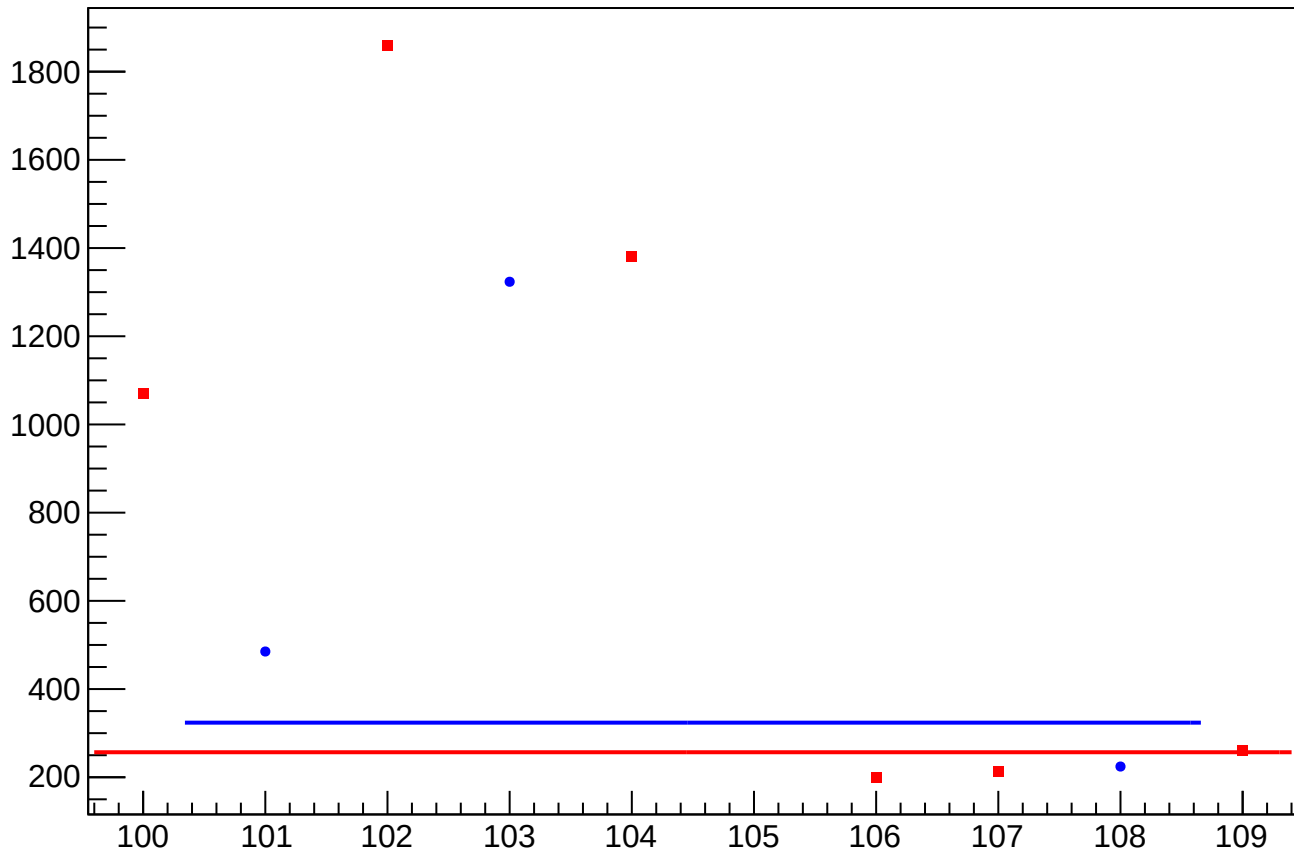
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.356 ± 0.187 χ^2/NDF : 8.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 323.822+/-0.219 χ^2/NDF : 958180.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.729+/-0.166 χ^2/NDF : 1379909.8/5

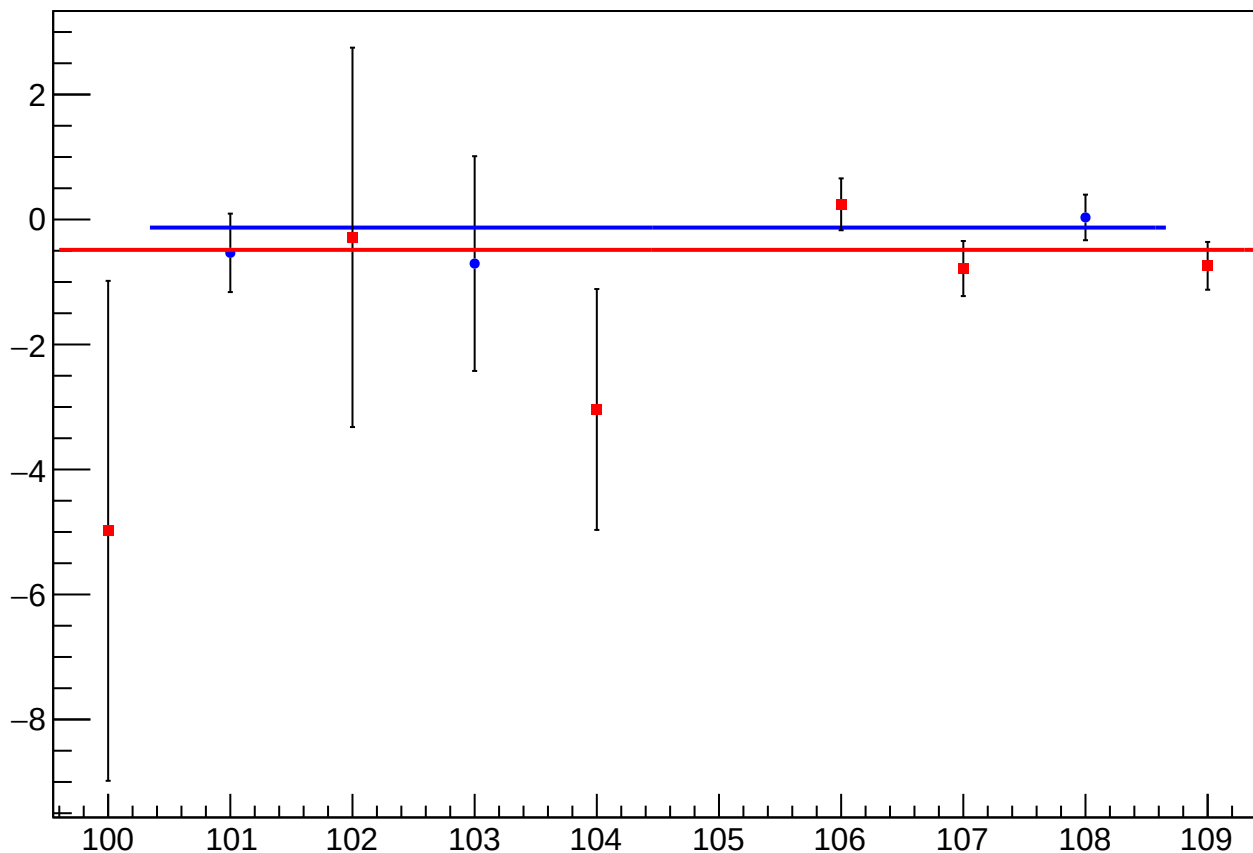
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.090+/-0.132 χ^2/NDF : 2397700.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.129 ± 0.310 χ^2/NDF : 0.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.486 ± 0.234 χ^2/NDF : 7.0/5

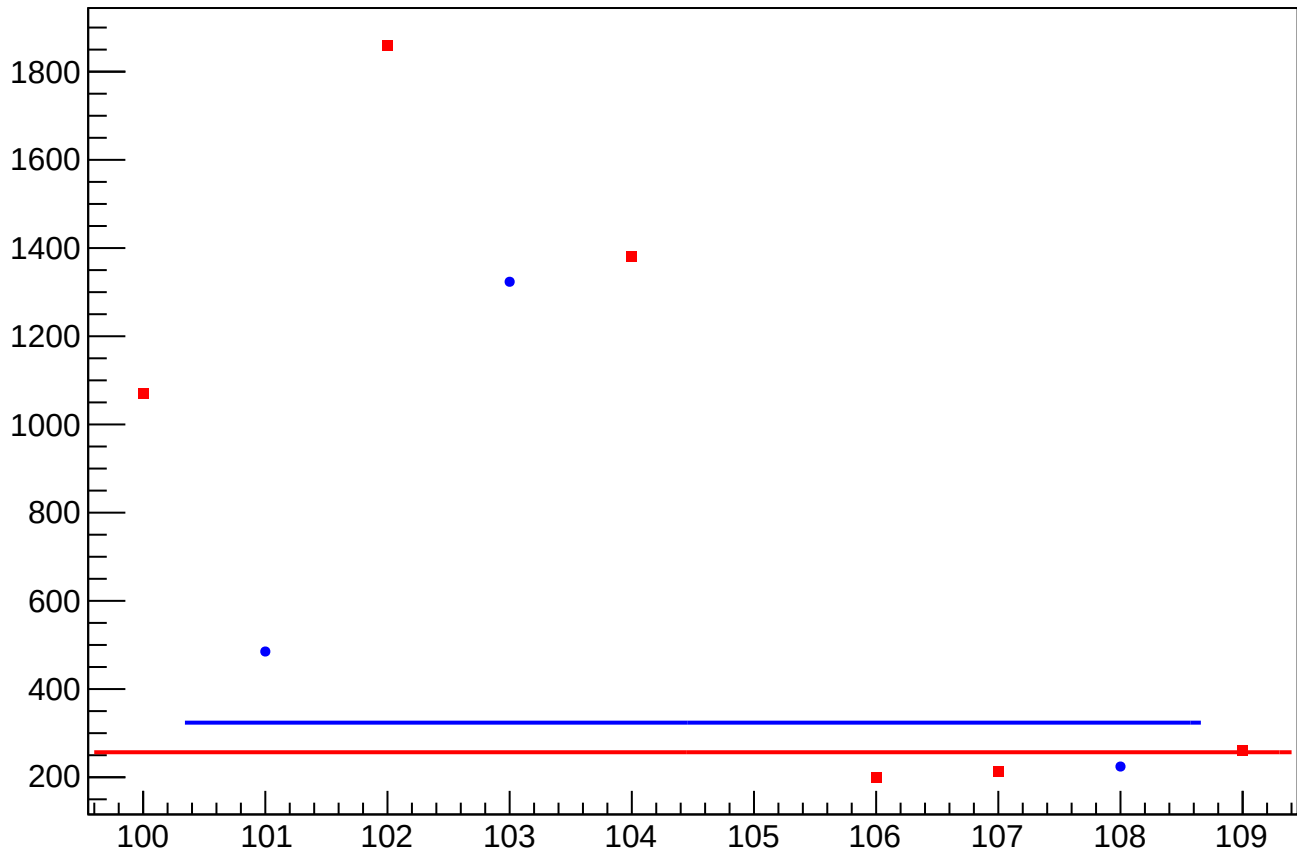
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.356 ± 0.187 χ^2/NDF : 8.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 323.822+/-0.219 χ^2/NDF : 958180.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.729+/-0.166 χ^2/NDF : 1379909.8/5

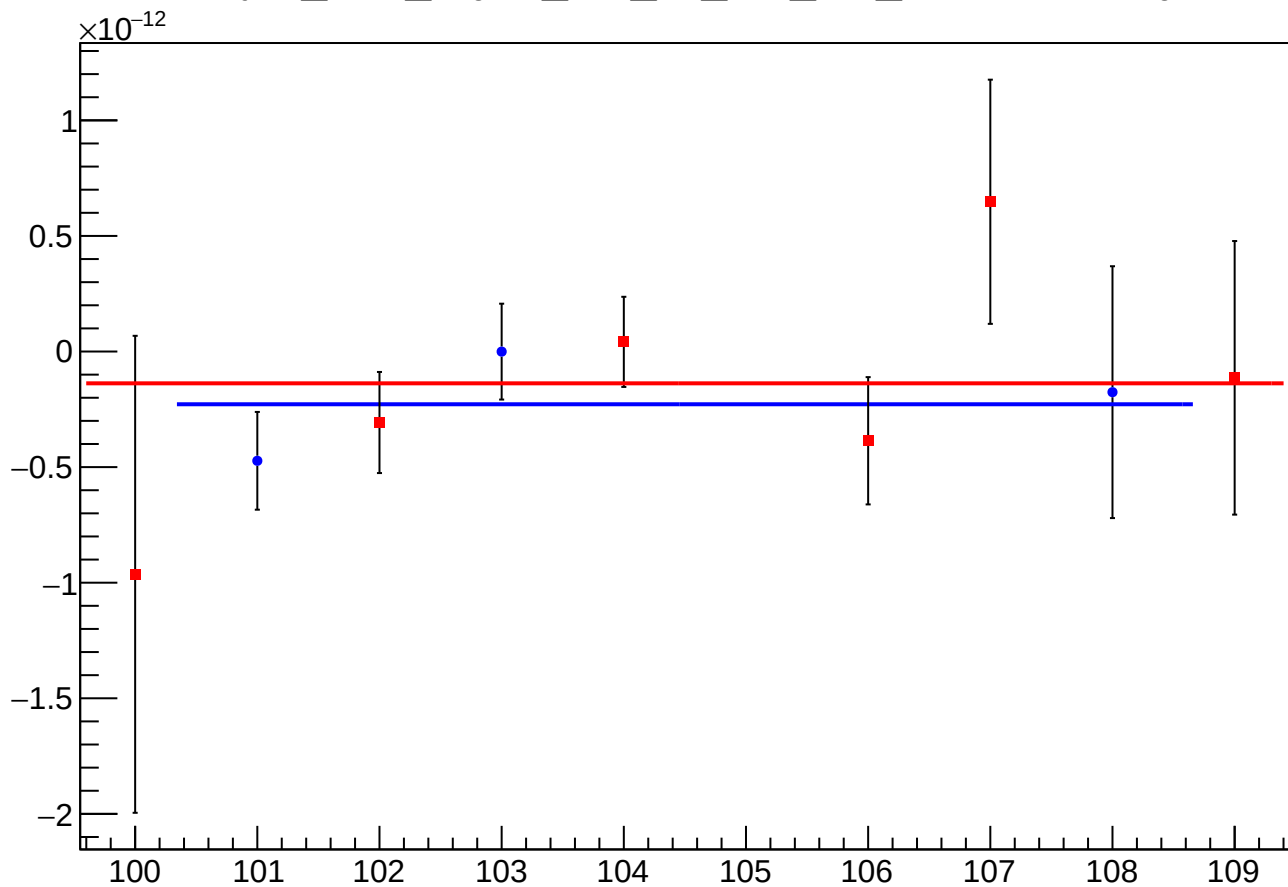
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 281.090+/-0.132 χ^2/NDF : 2397700.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.1/5

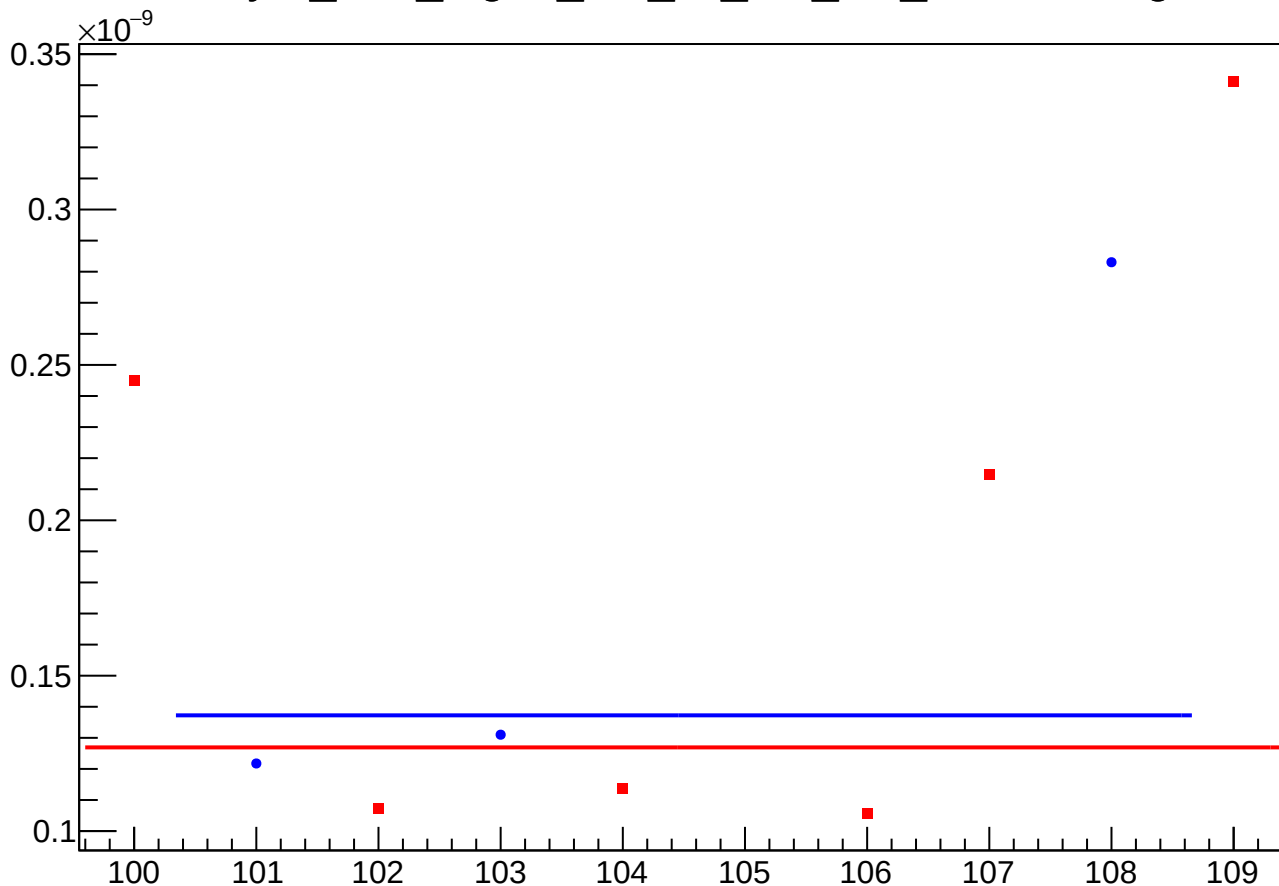
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 155837.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 380483.2/5

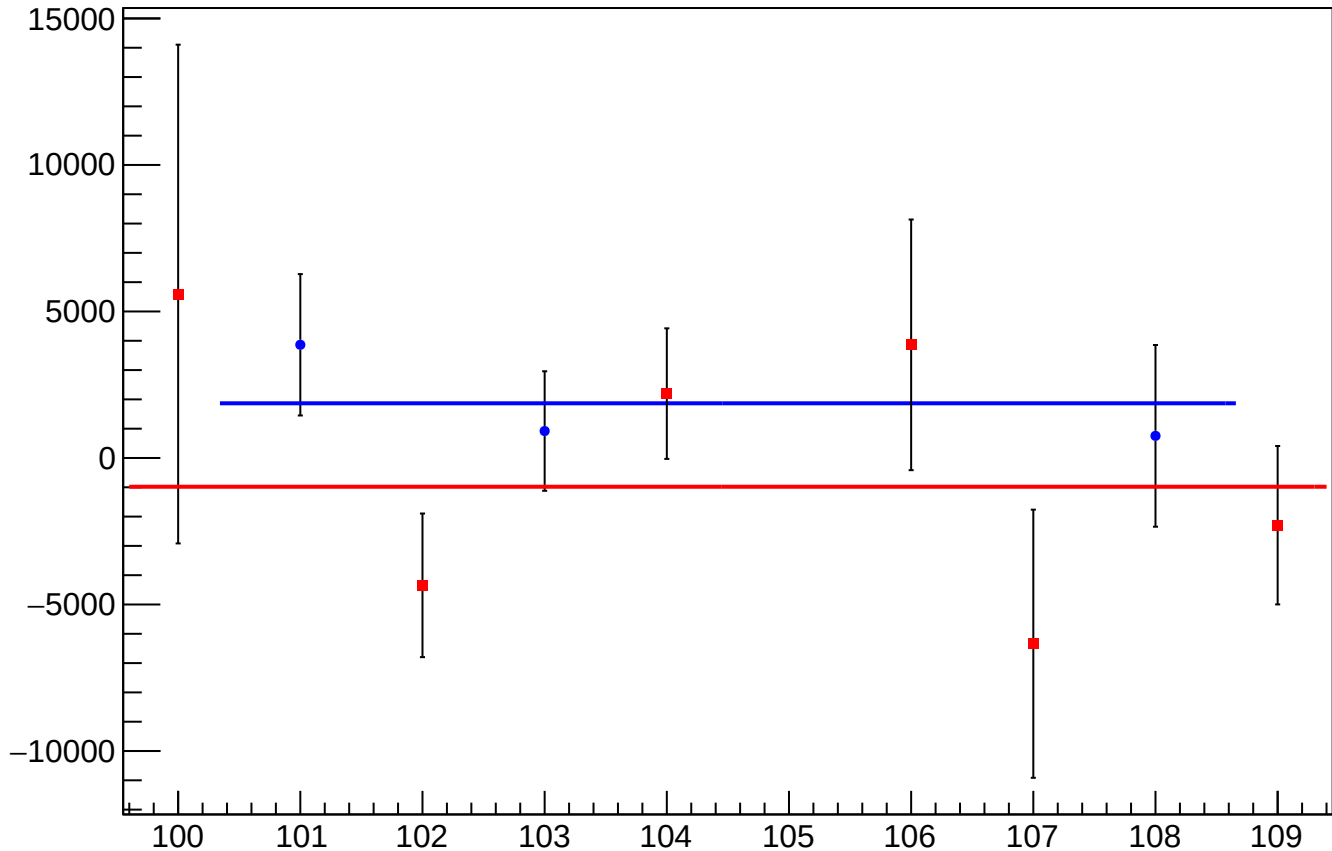
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 542371.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_mean vs Slug



Right In: 1866.342 $\pm$ 1391.739 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -981.113 $\pm$ 1268.956 χ^2 /NDF: 7.4/5

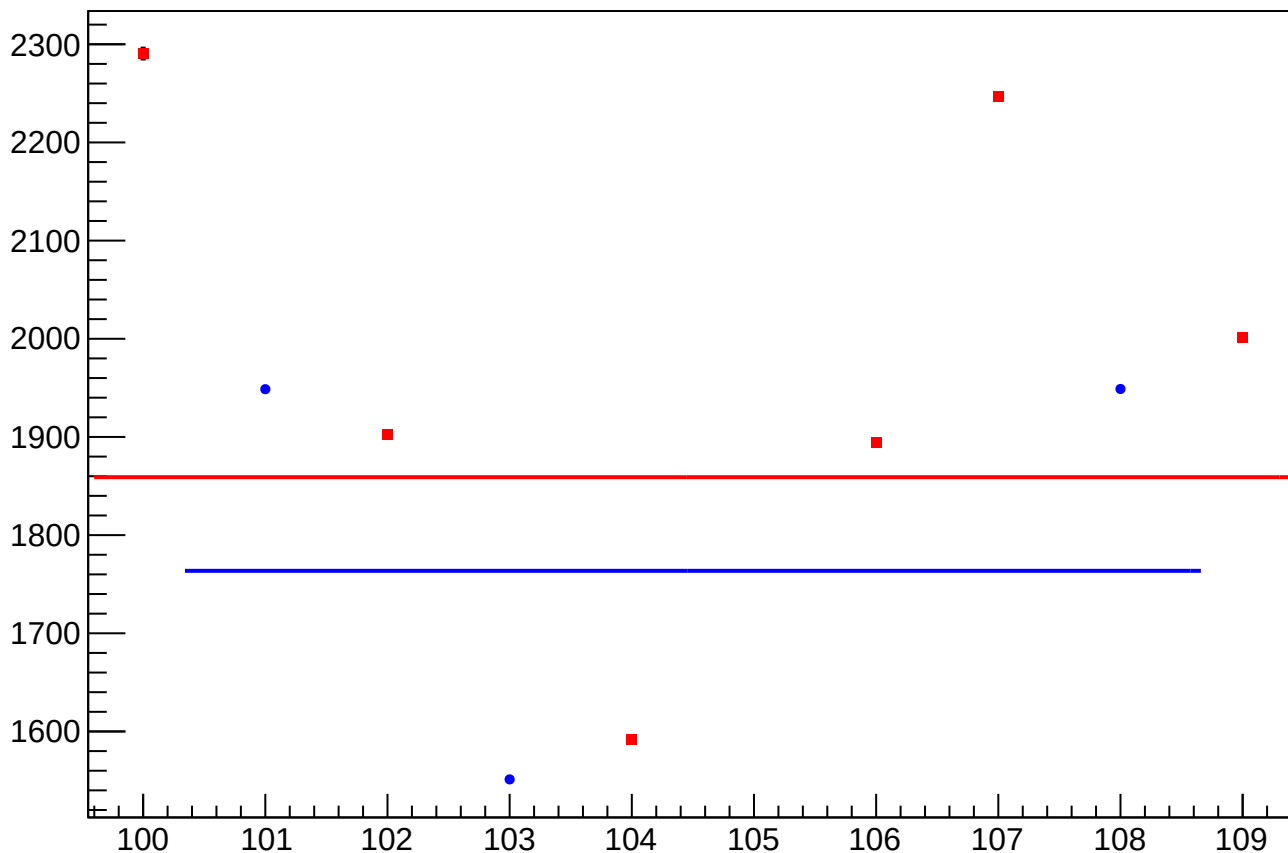
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 311.493 $\pm$ 937.697 χ^2 /NDF: 10.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_rms vs Slug



Right In: 1763.622+/-0.984 χ^2/NDF : 40606.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1858.997+/-0.881 χ^2/NDF : 54676.0/5

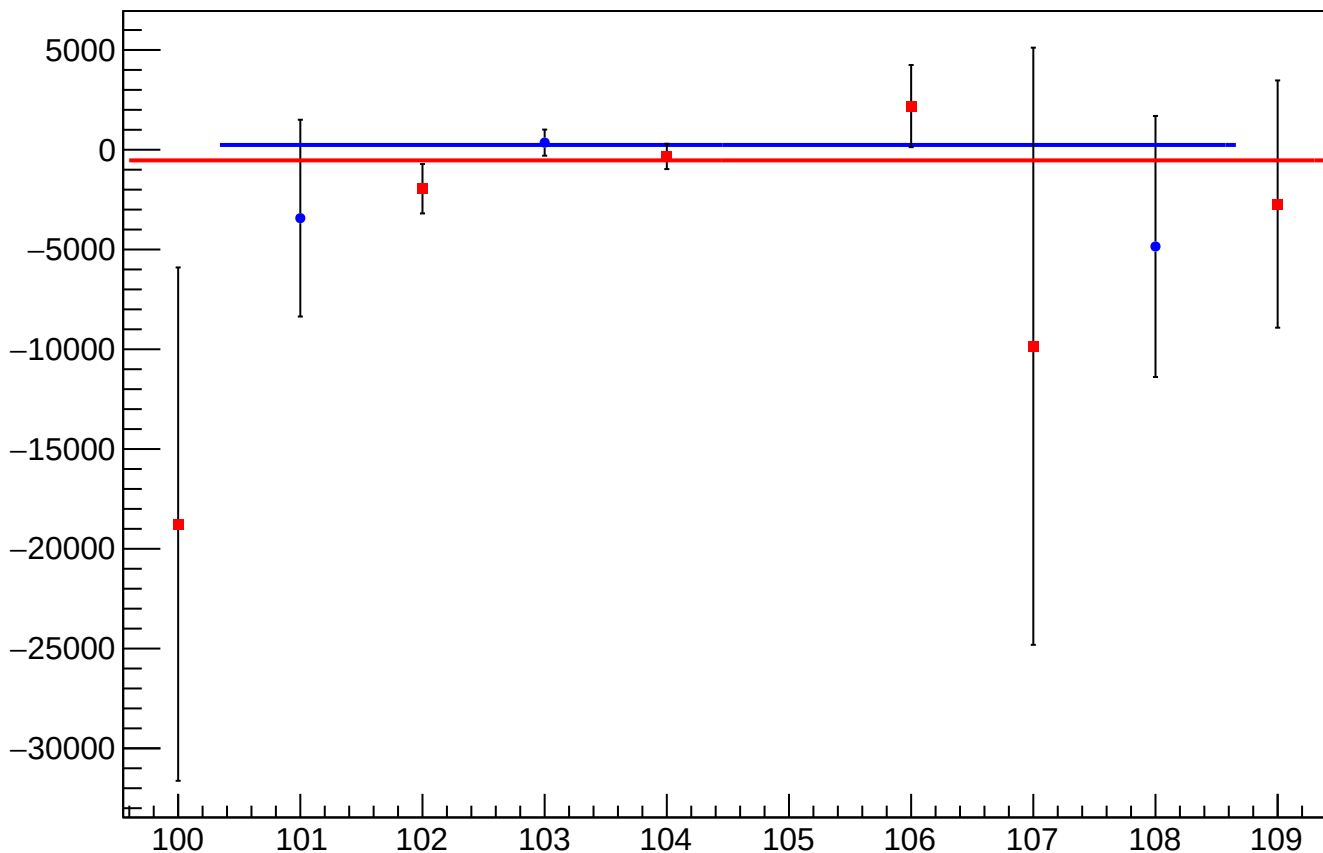
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1816.562+/-0.656 χ^2/NDF : 100496.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_correction_mean vs Slug



Right In: 240.643 $\pm$ 645.152 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -532.575 $\pm$ 541.450 χ^2 /NDF: 5.7/5

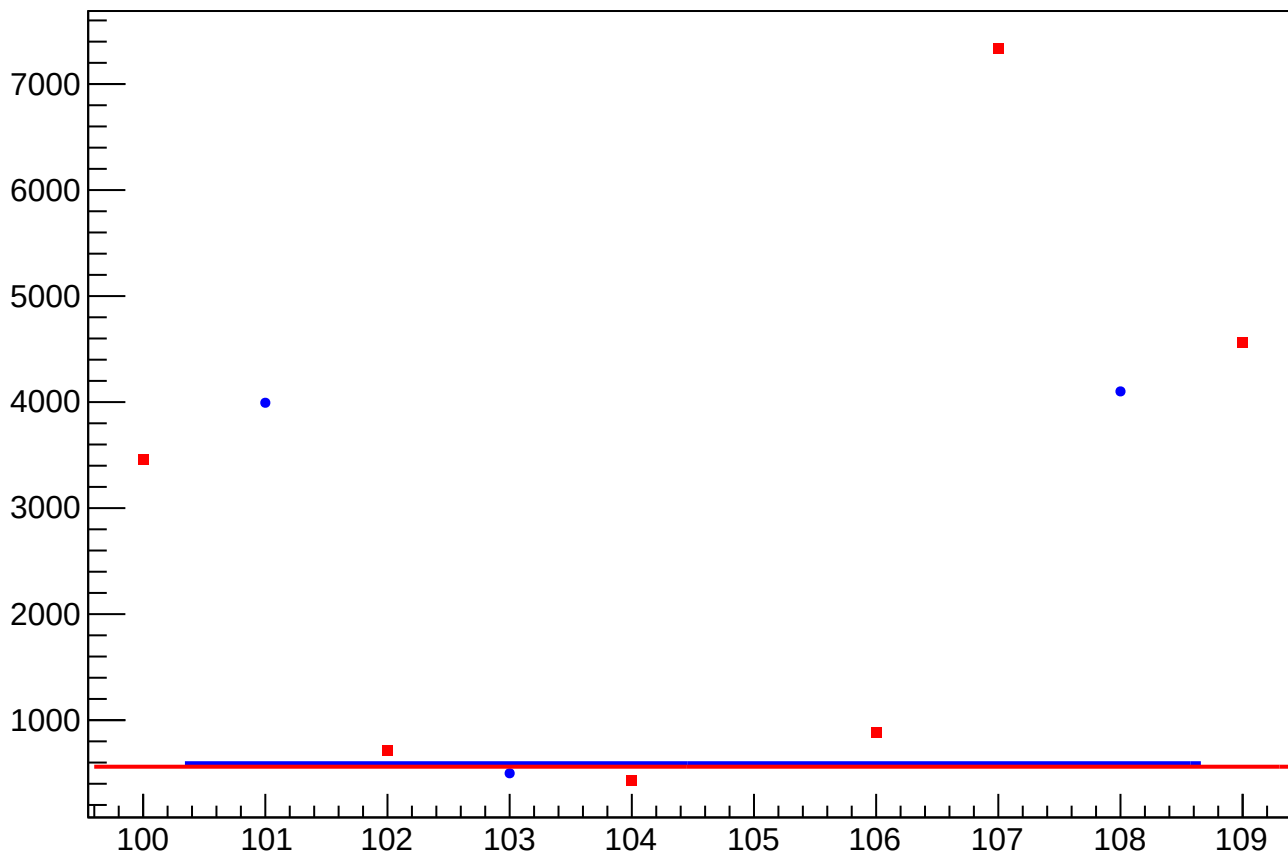
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -213.028 $\pm$ 414.742 χ^2 /NDF: 7.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



Right In: 593.754+/-0.456 χ^2/NDF : 1567391.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.777+/-0.383 χ^2/NDF : 1514248.6/5

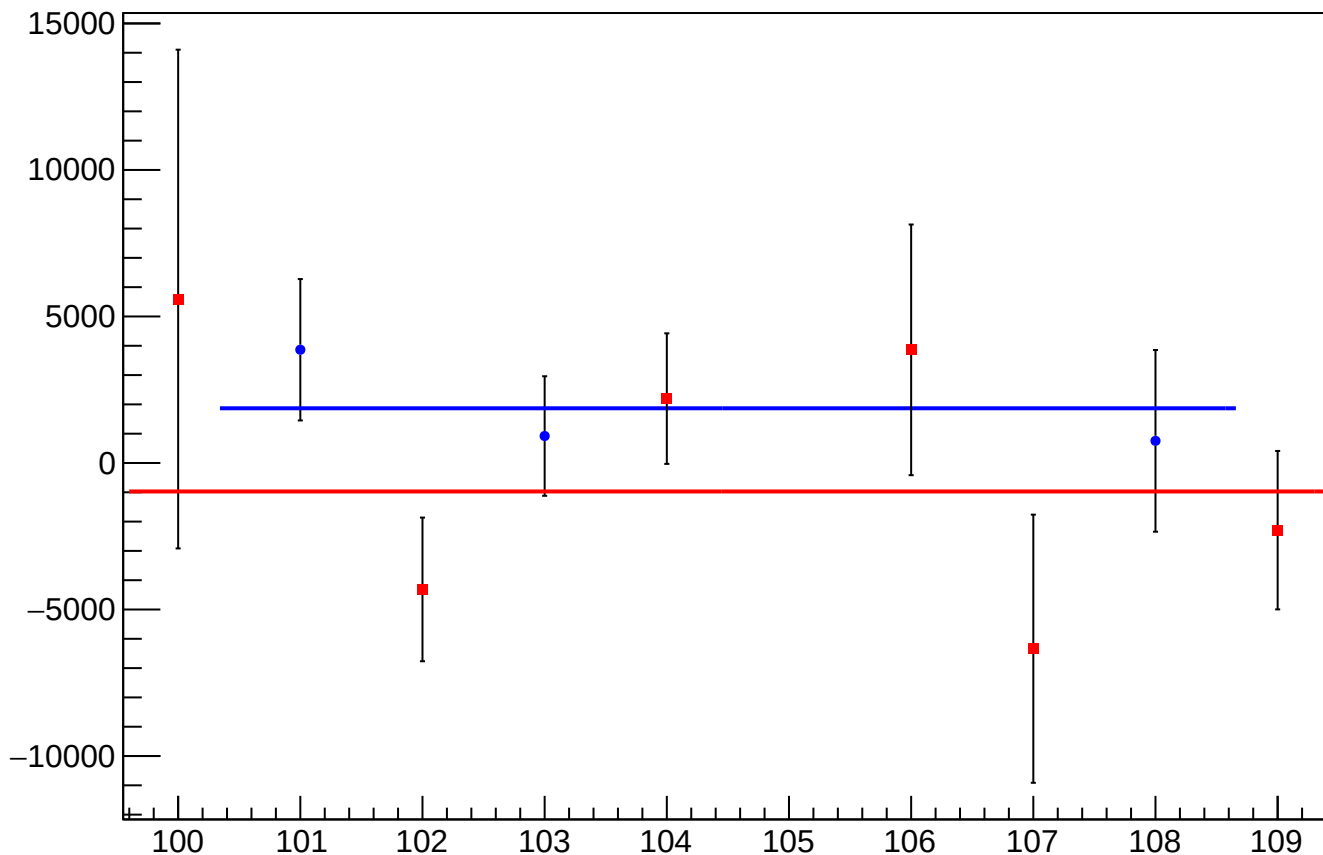
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.406+/-0.293 χ^2/NDF : 3084706.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 1866.910 $\pm$ 1391.739 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -971.979 $\pm$ 1268.996 χ^2 /NDF: 7.4/5

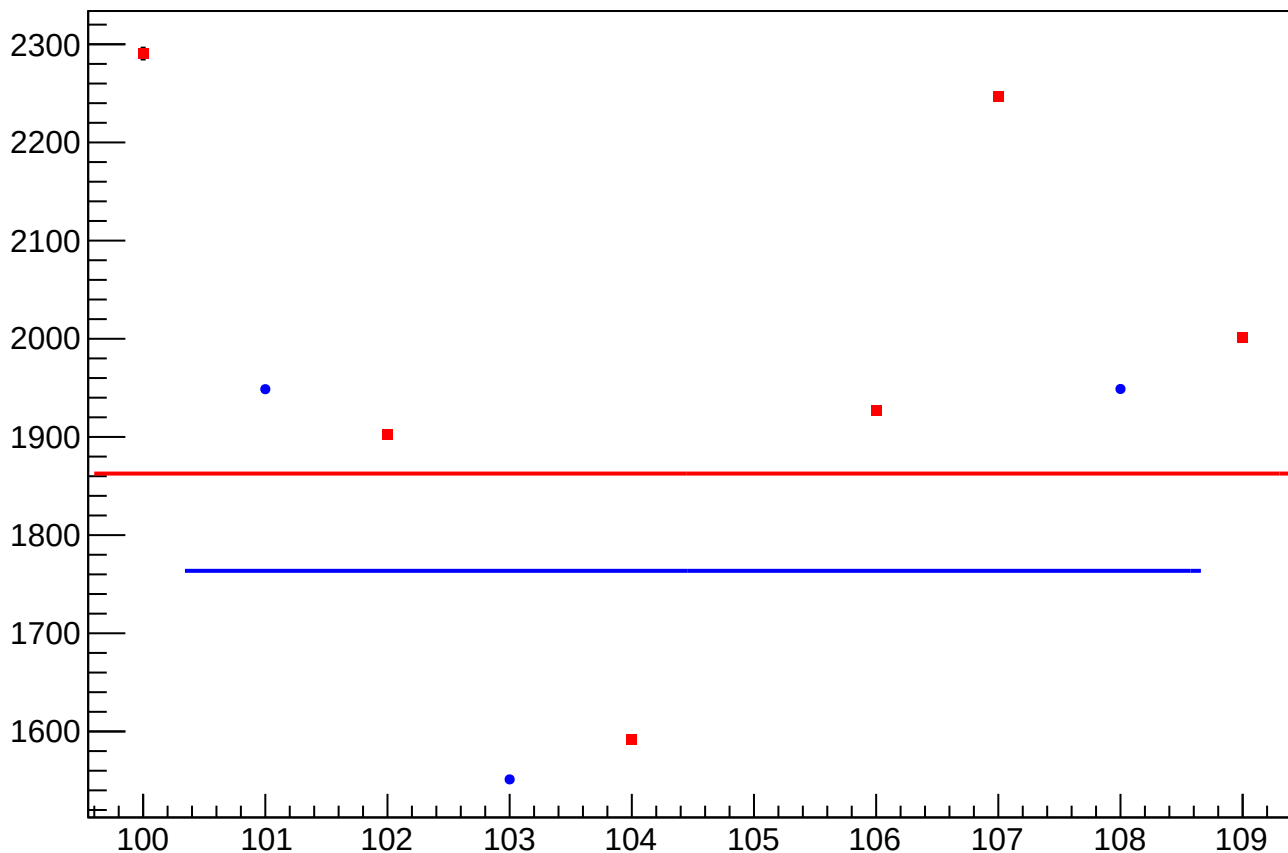
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 316.782 $\pm$ 937.713 χ^2 /NDF: 10.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1763.621+/-0.984 χ^2/NDF : 40606.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1862.705+/-0.883 χ^2/NDF : 55161.2/5

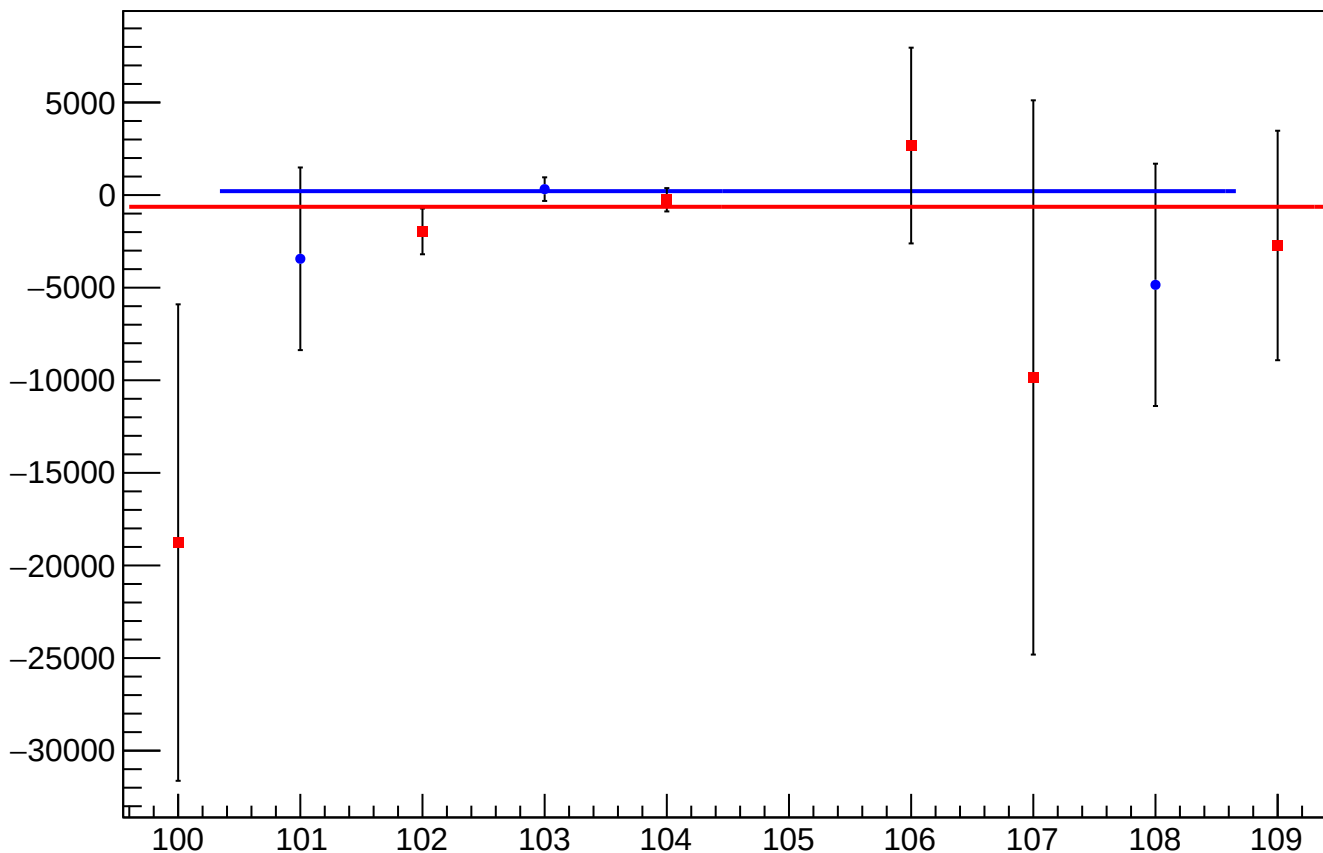
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1818.528+/-0.657 χ^2/NDF : 101385.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_mean vs Slug



Right In: 211.471 $\pm$ 629.357 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -633.028 $\pm$ 555.033 χ^2 /NDF: 4.4/5

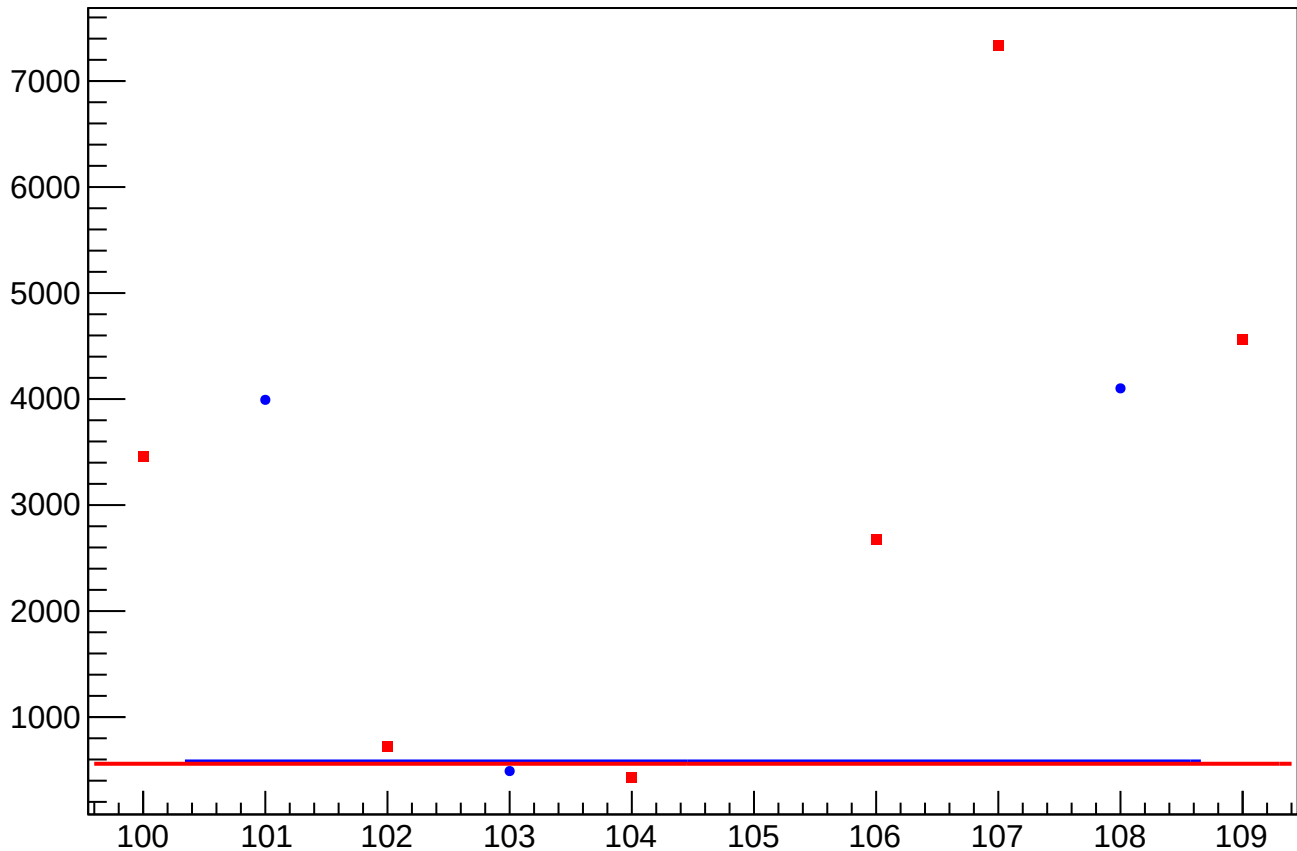
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -263.565 $\pm$ 416.277 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



Right In: 581.240+/-0.445 χ^2/NDF : 1576633.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.718+/-0.392 χ^2/NDF : 1788600.6/5

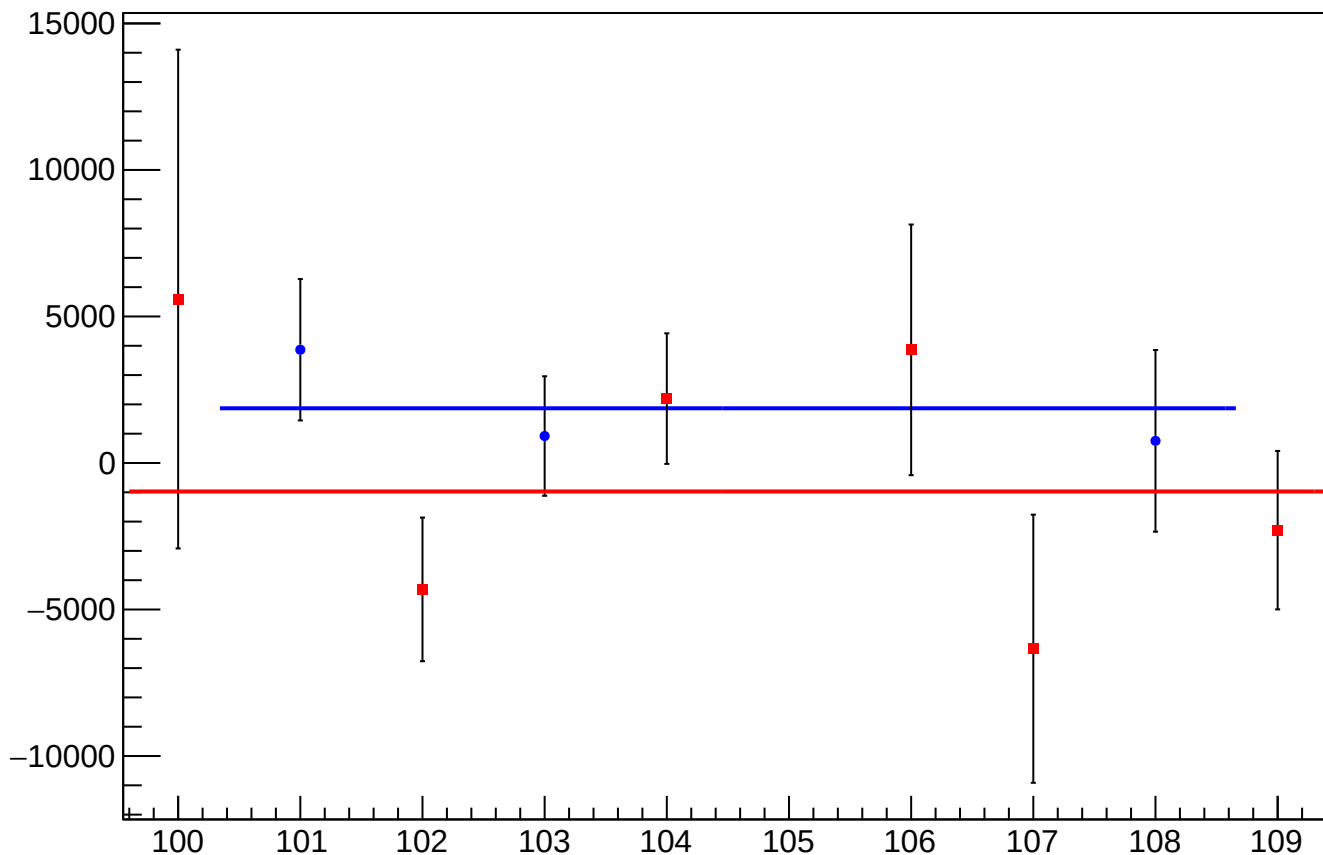
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.134+/-0.294 χ^2/NDF : 3366549.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 1866.910 $\pm$ 1391.739 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -971.979 $\pm$ 1268.996 χ^2 /NDF: 7.4/5

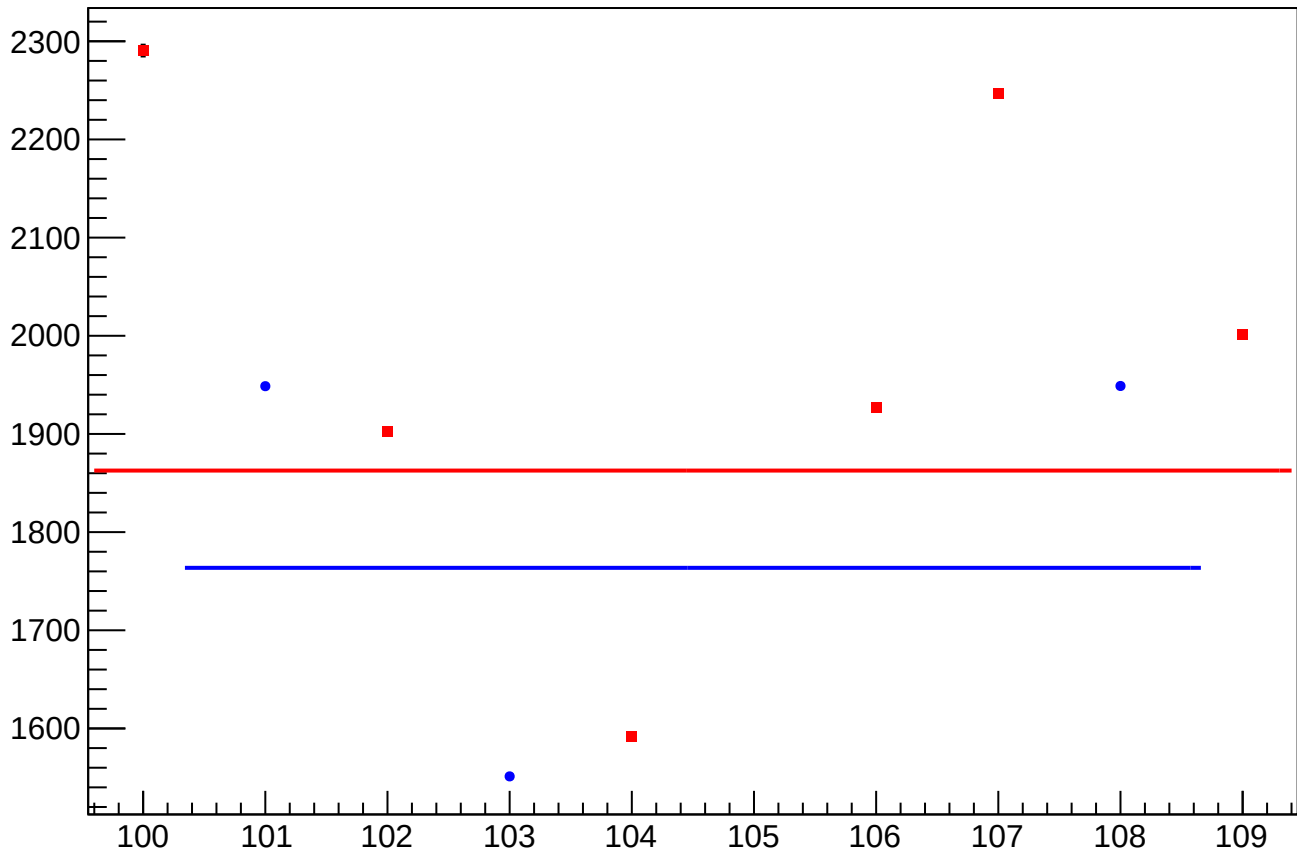
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 316.782 $\pm$ 937.713 χ^2 /NDF: 10.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1763.621+/-0.984 χ^2/NDF : 40606.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1862.705+/-0.883 χ^2/NDF : 55161.2/5

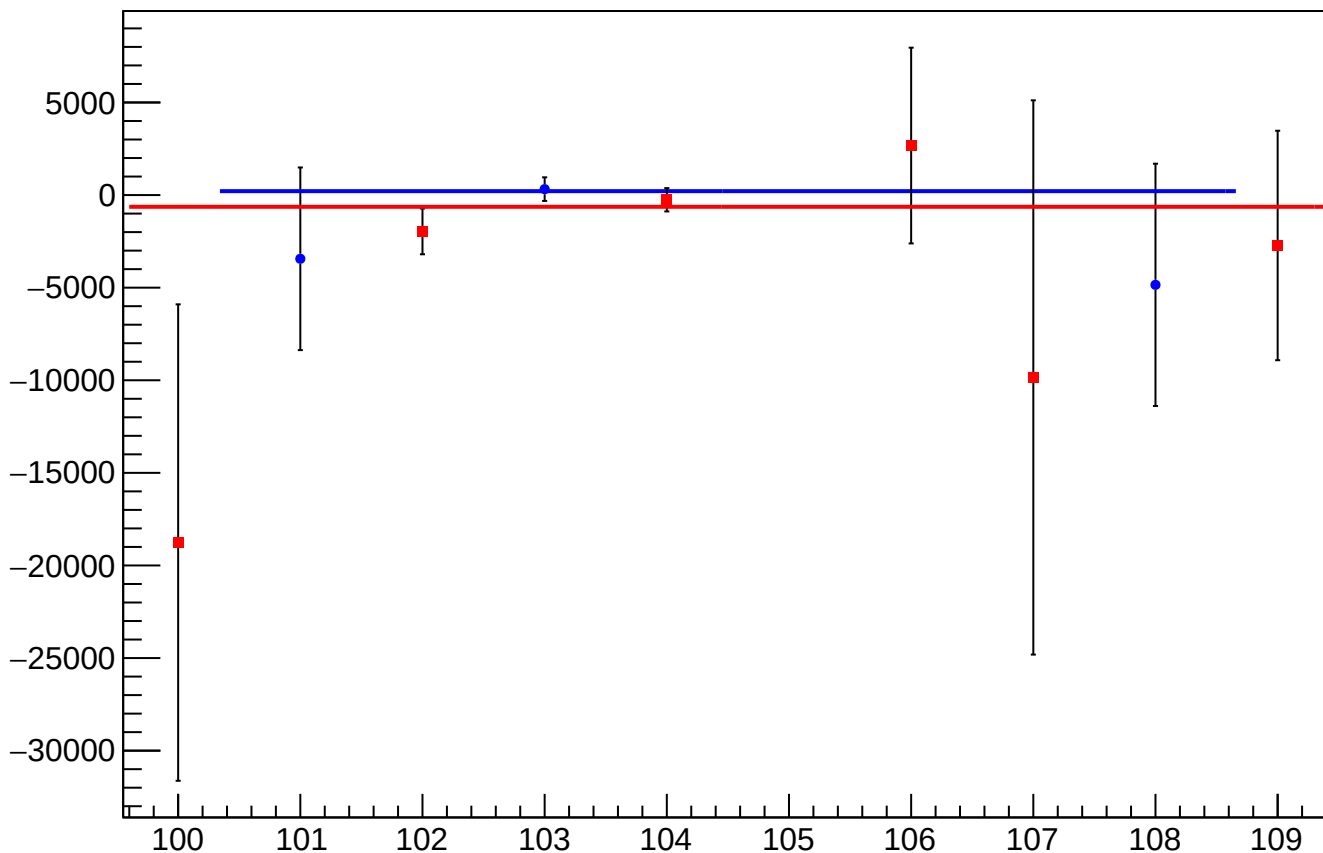
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1818.528+/-0.657 χ^2/NDF : 101385.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_mean vs Slug



Right In: 211.471 $\pm$ 629.357 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -633.028 $\pm$ 555.033 χ^2 /NDF: 4.4/5

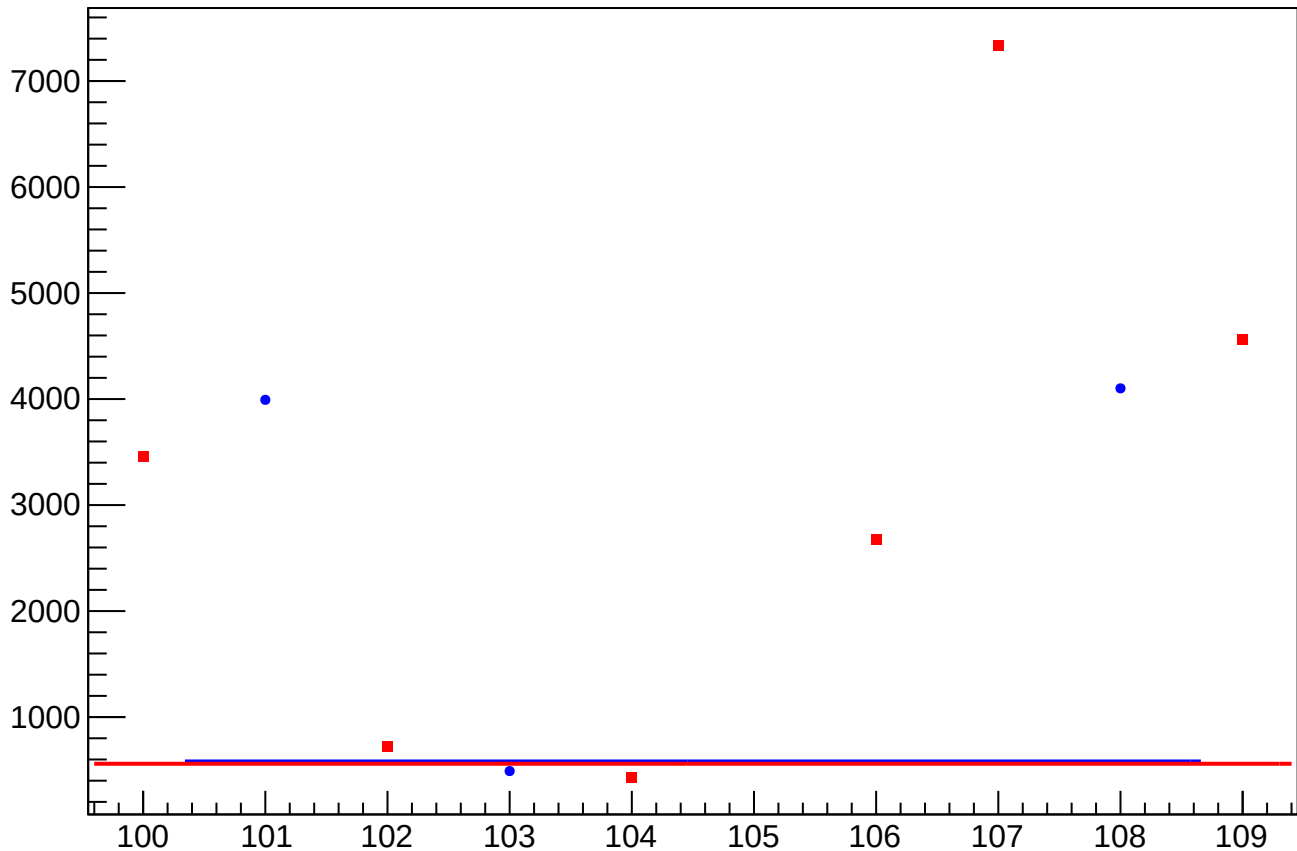
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -263.565 $\pm$ 416.277 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_correction_rms vs Slug



Right In: 581.240+/-0.445 χ^2/NDF : 1576633.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.718+/-0.392 χ^2/NDF : 1788600.6/5

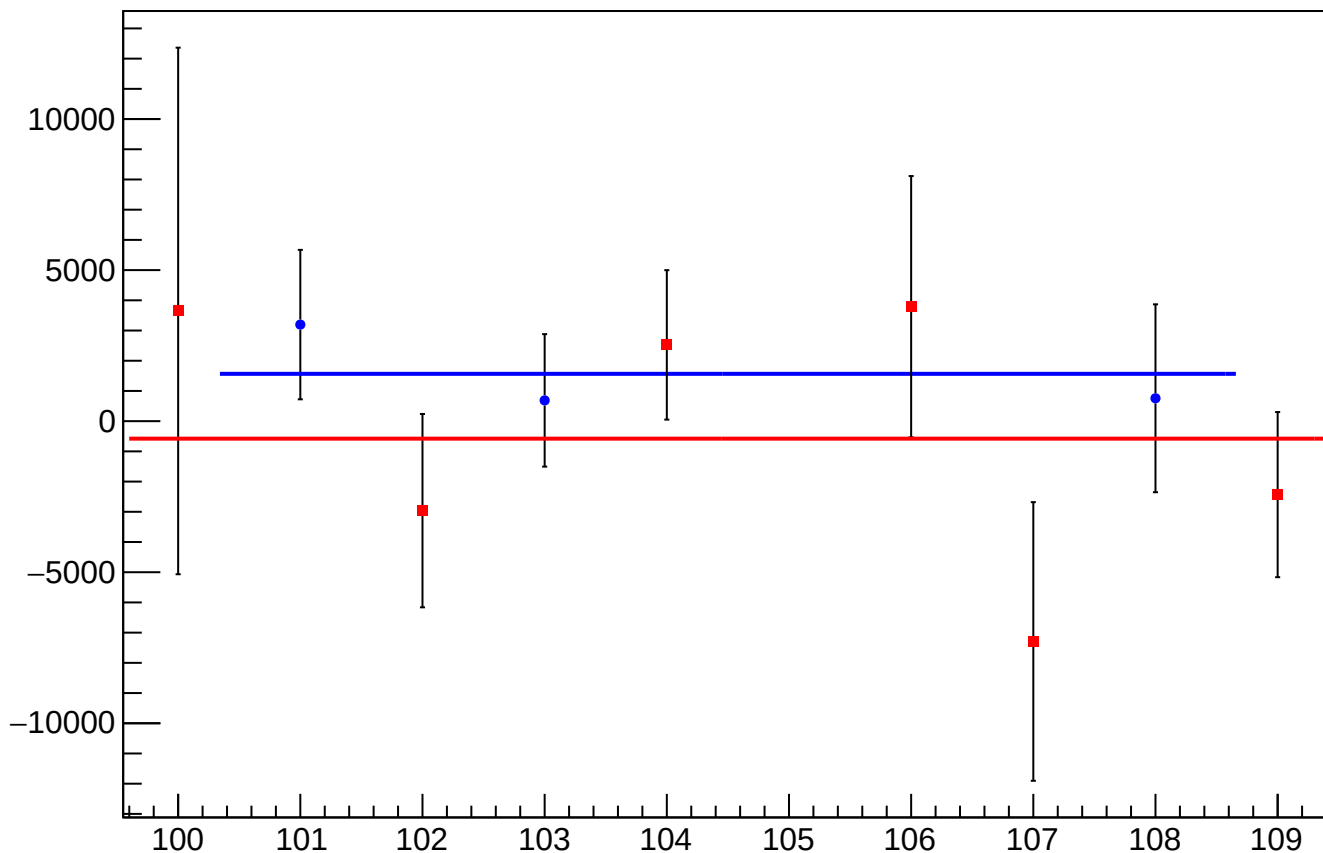
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 569.134+/-0.294 χ^2/NDF : 3366549.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 1566.546 $\pm$ 1451.179 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -578.764 $\pm$ 1402.197 χ^2 /NDF: 6.0/5

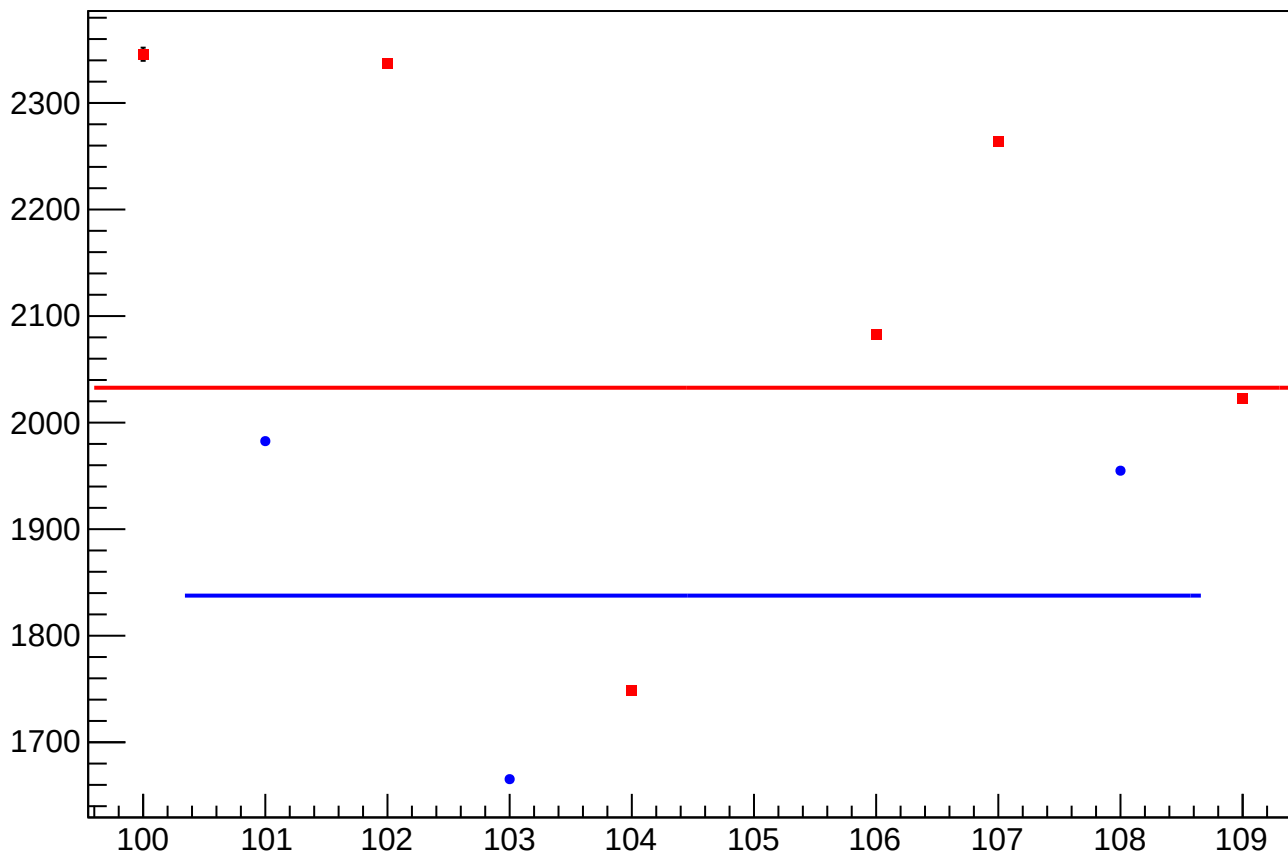
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 457.075 $\pm$ 1008.375 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_rms vs Slug



Right In: 1837.637 $\pm$ 1.026 χ^2 /NDF: 22058.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2032.741 $\pm$ 0.981 χ^2 /NDF: 52413.9/5

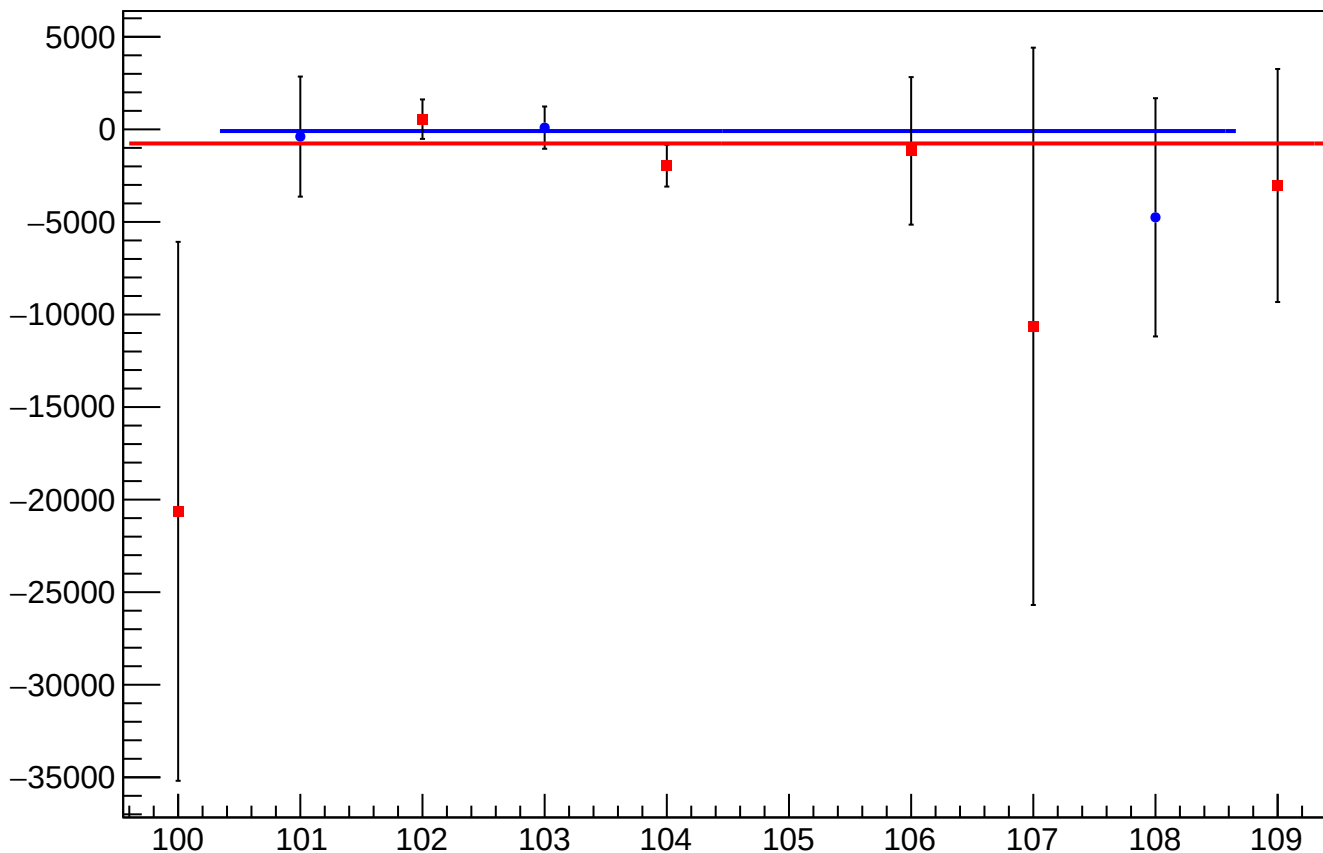
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1939.527 $\pm$ 0.709 χ^2 /NDF: 93351.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_correction_mean vs Slug



Right In: -89.758 $\pm$ 1061.800 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -761.253 $\pm$ 753.851 χ^2 /NDF: 5.1/5

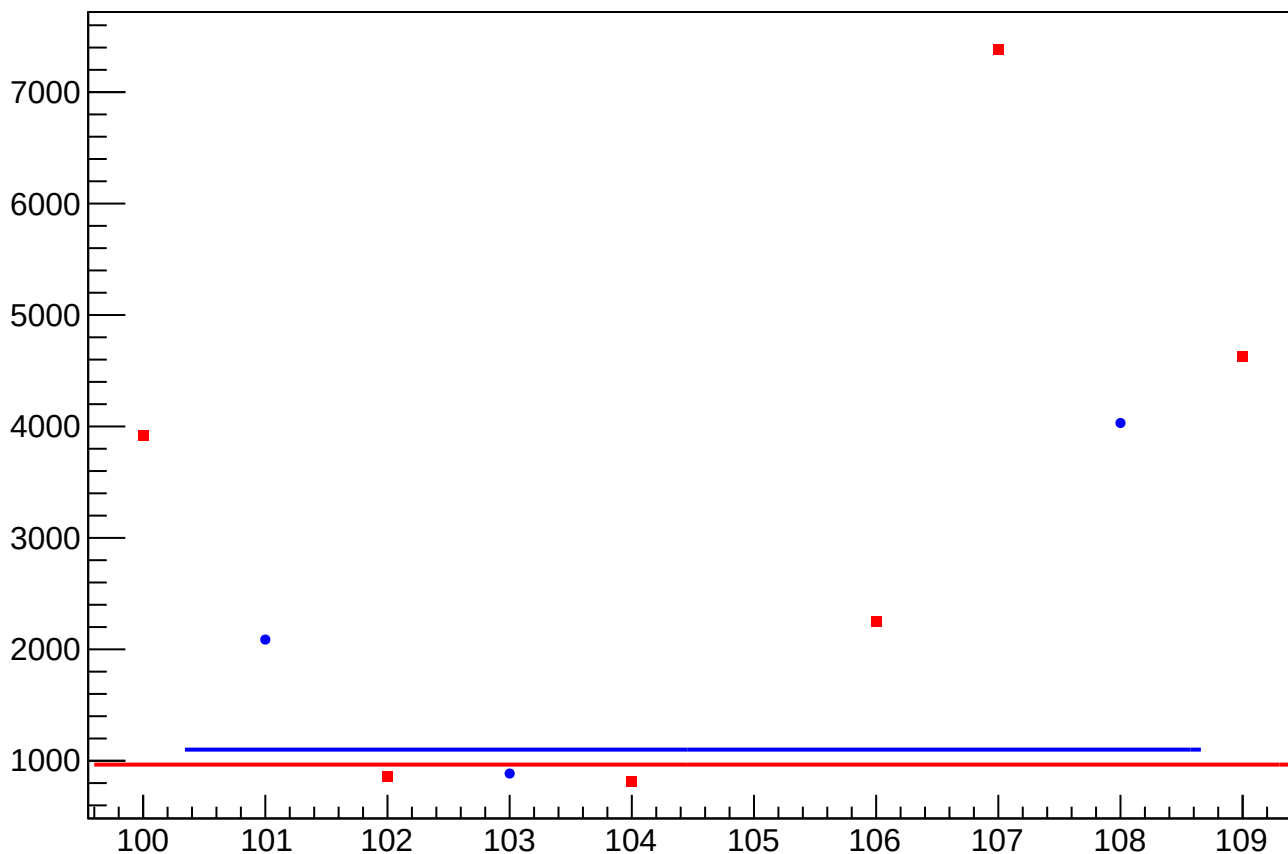
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -536.211 $\pm$ 614.685 χ^2 /NDF: 5.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



Right In: 1100.165 $\pm$ 0.751 χ^2 /NDF: 671068.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 965.657 $\pm$ 0.533 χ^2 /NDF: 1387992.8/5

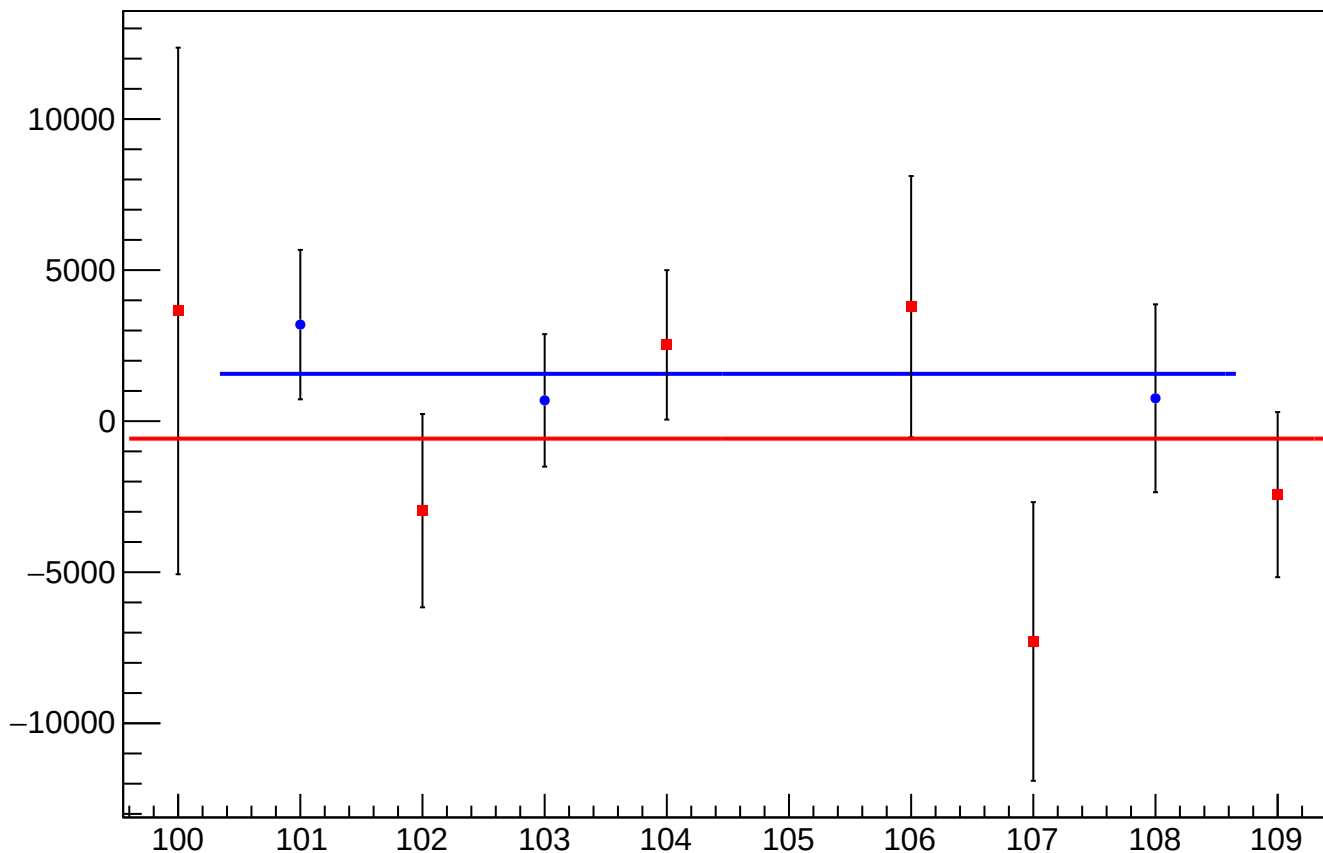
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1010.735 $\pm$ 0.435 χ^2 /NDF: 2080400.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 1566.546 $\pm$ 1451.179 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -578.755 $\pm$ 1402.197 χ^2 /NDF: 6.0/5

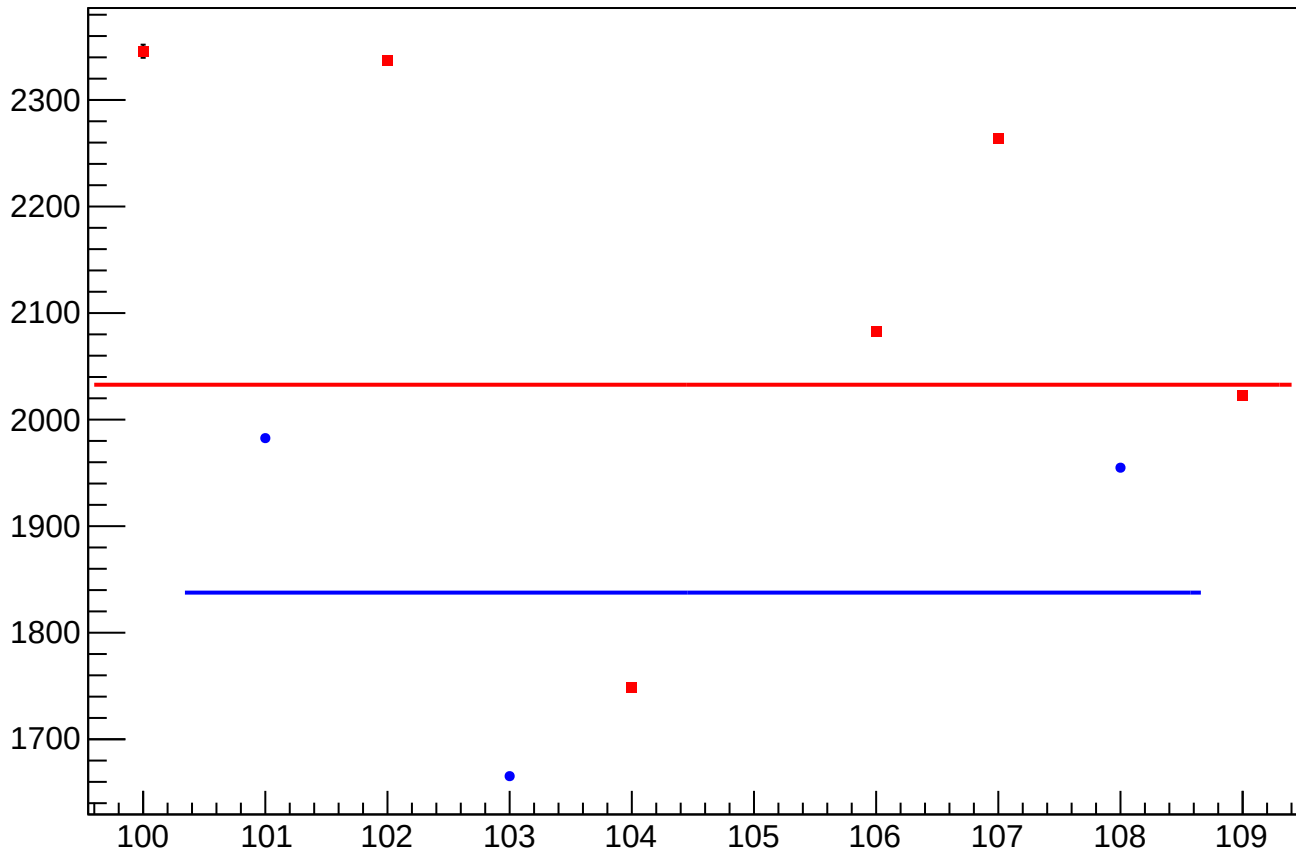
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 457.079 $\pm$ 1008.375 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1837.635 $\pm$ 1.026 χ^2 /NDF: 22058.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2032.739 $\pm$ 0.981 χ^2 /NDF: 52414.2/5

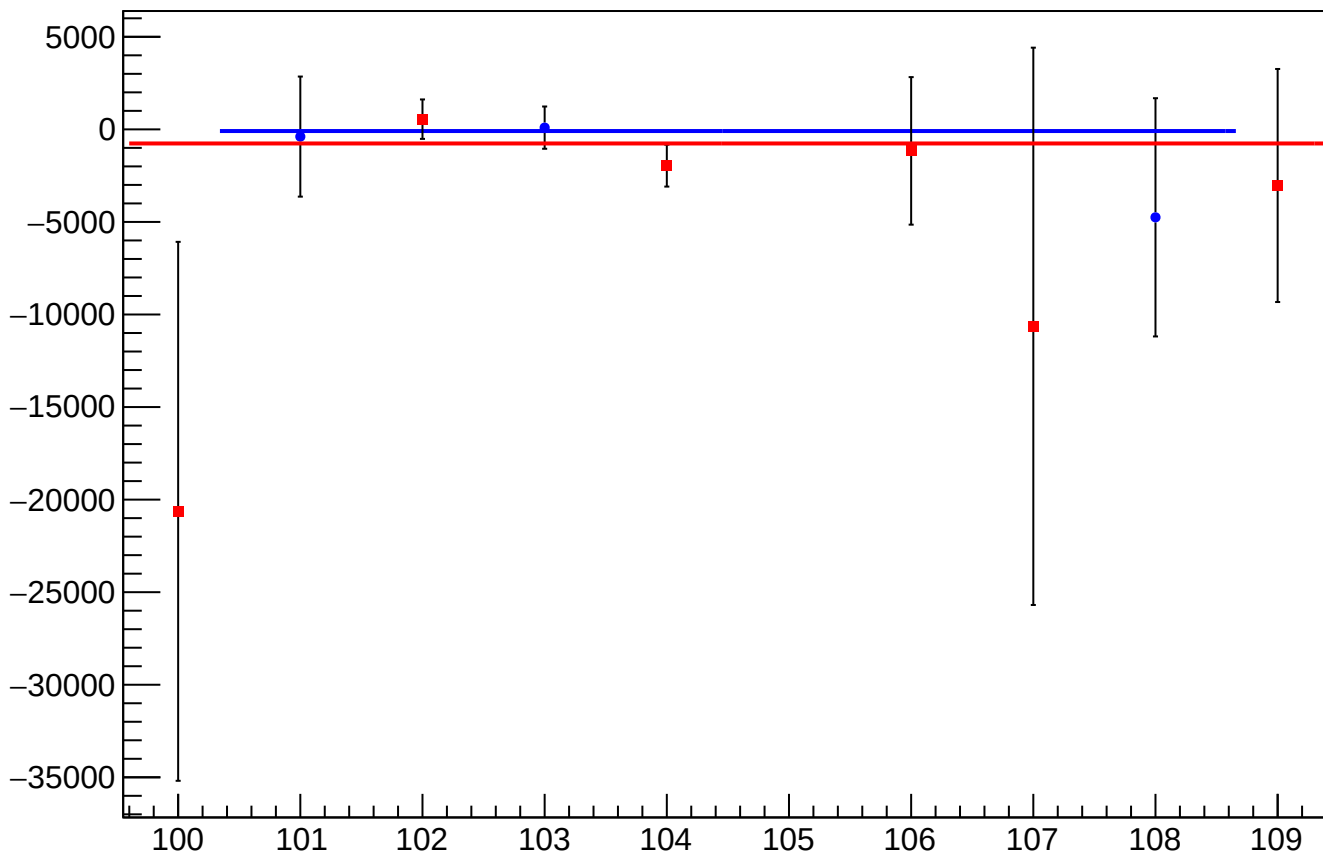
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1939.525 $\pm$ 0.709 χ^2 /NDF: 93352.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_correction_mean vs Slug



Right In: -89.755 ± 1061.791 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -761.247 ± 753.845 χ^2/NDF : 5.1/5

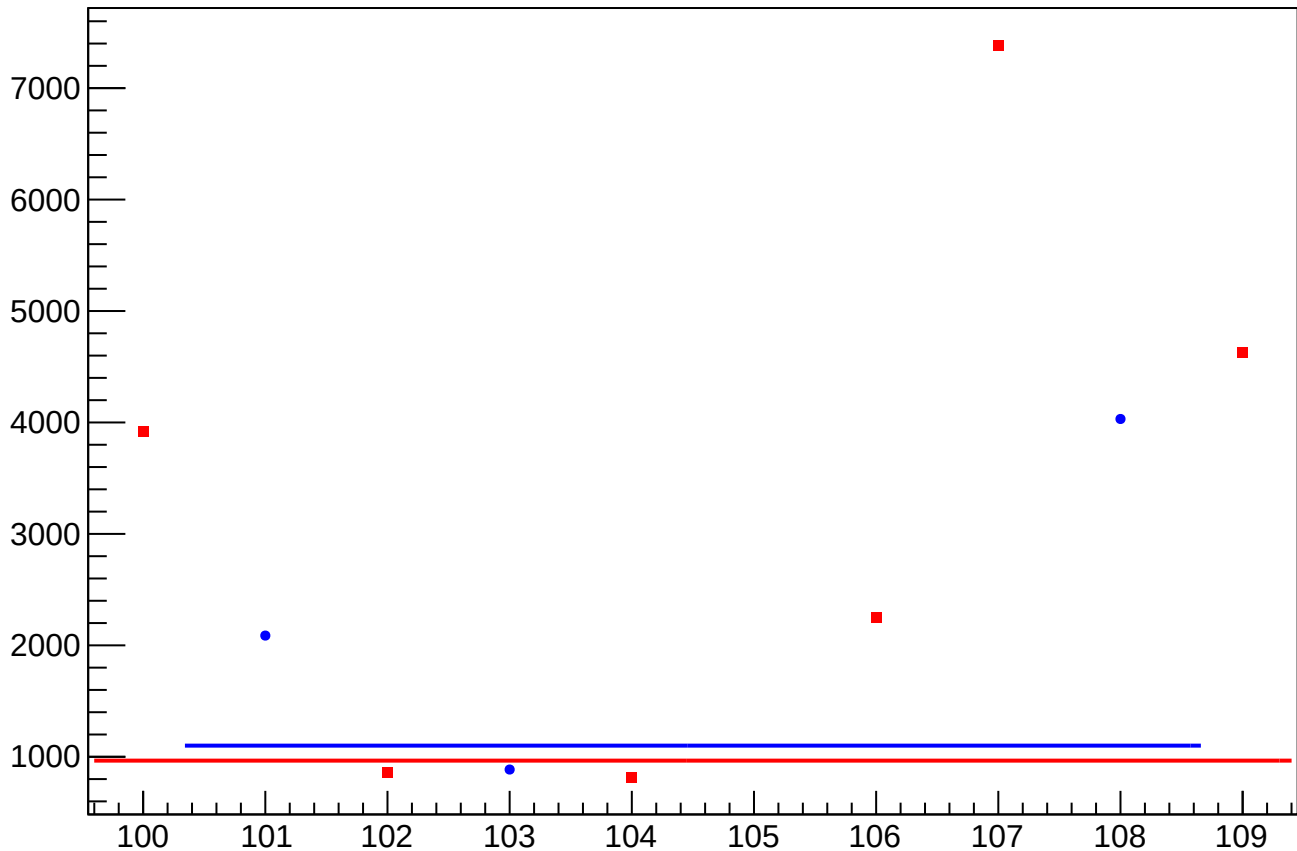
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -536.206 ± 614.680 χ^2/NDF : 5.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 1100.154 $\pm$ 0.751 χ^2 /NDF: 671069.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 965.648 $\pm$ 0.533 χ^2 /NDF: 1387997.2/5

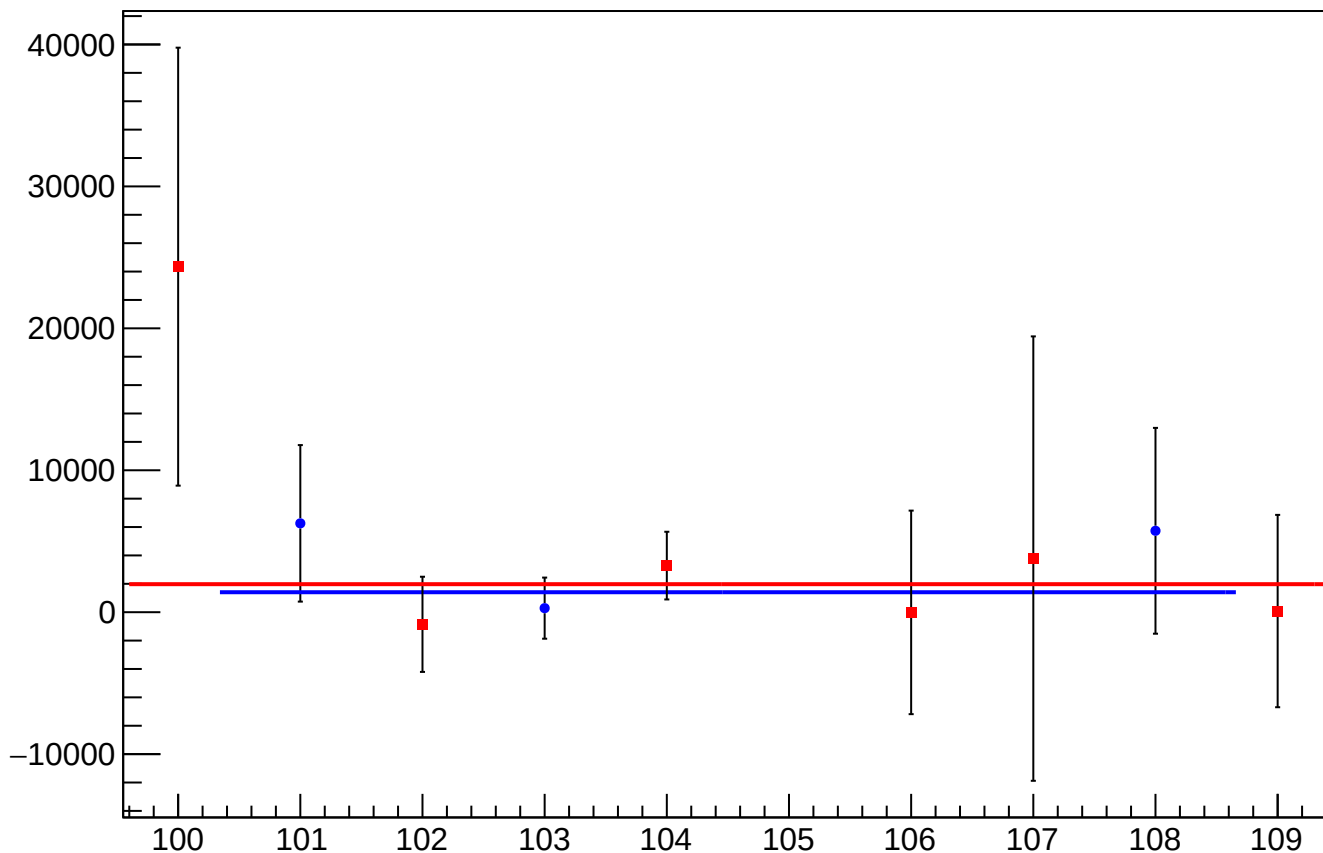
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1010.726 $\pm$ 0.435 χ^2 /NDF: 2080405.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_mean vs Slug



Right In: 1406.851+/-1933.031 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1974.461+/-1783.613 χ^2/NDF : 3.3/5

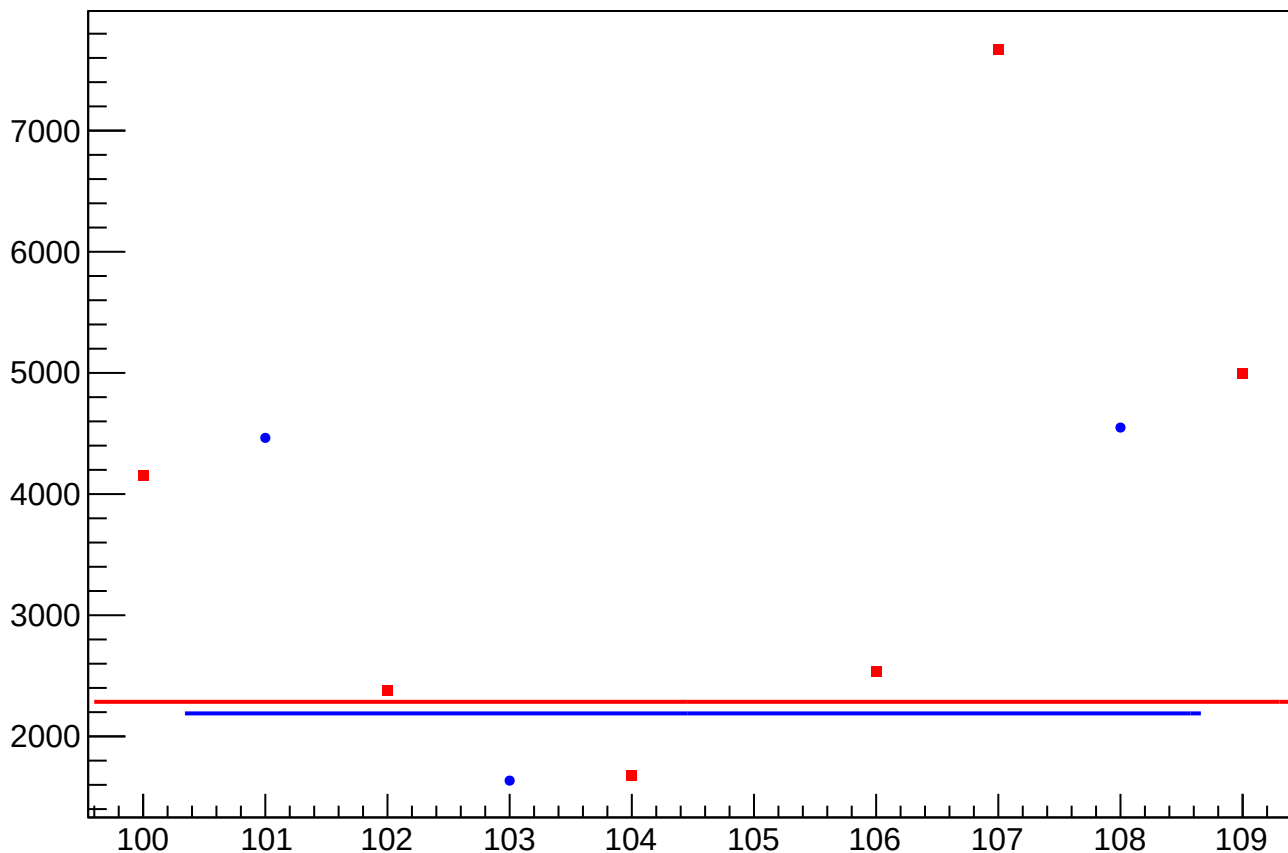
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.439+/-1310.849 χ^2/NDF : 4.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_rms vs Slug



Right In: 2189.768+/-1.367 χ^2/NDF : 684745.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.400+/-1.222 χ^2/NDF : 724835.9/5

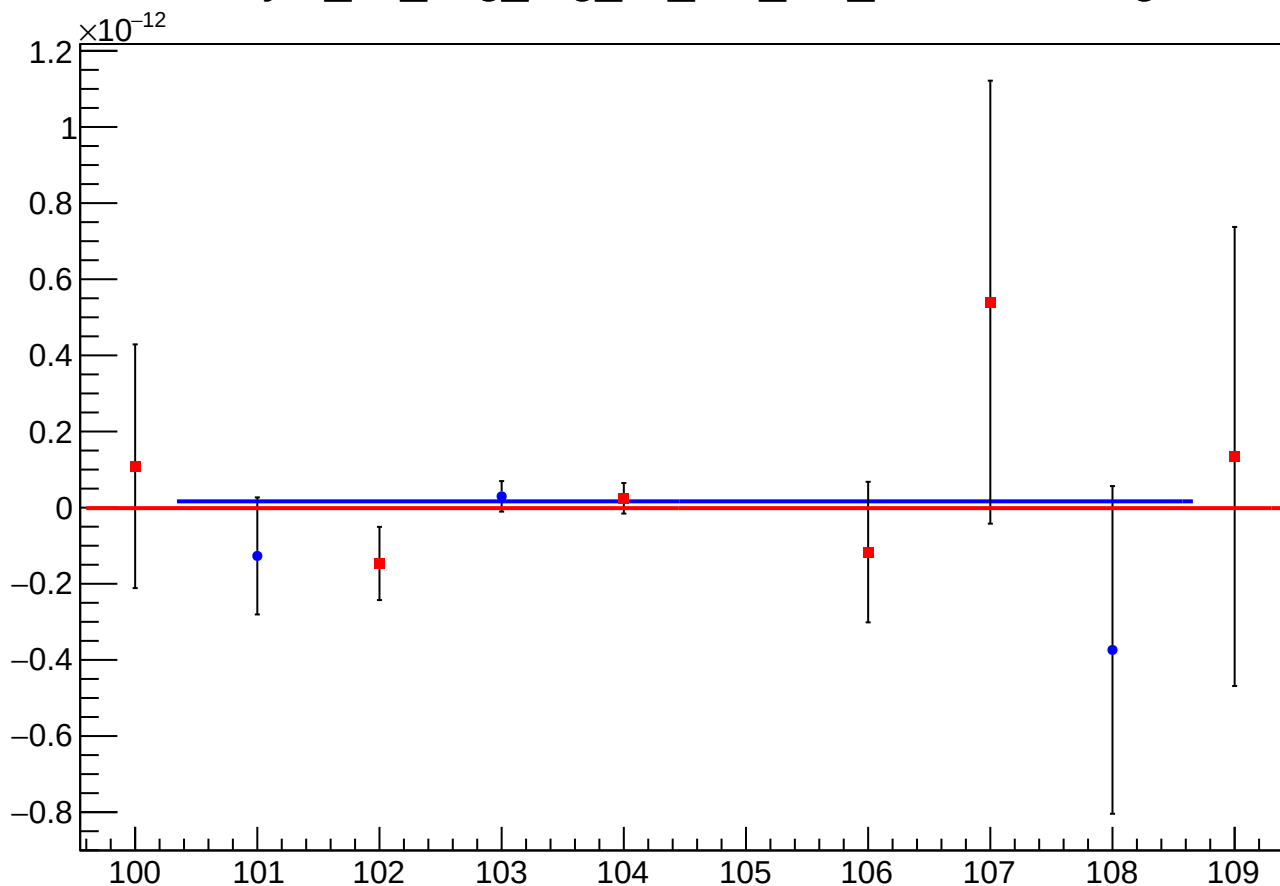
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2242.932+/-0.911 χ^2/NDF : 1412303.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/5

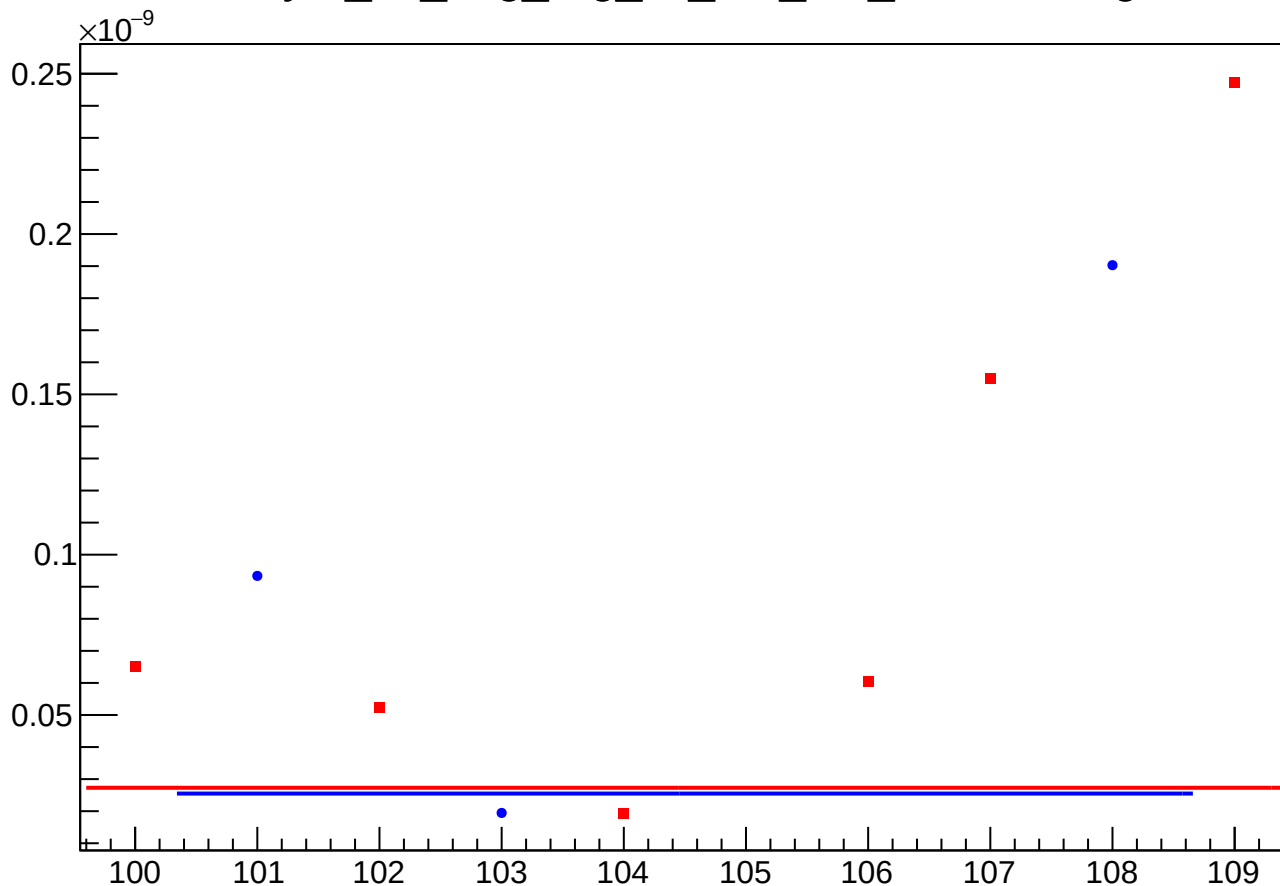
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 728536.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 670173.3/5

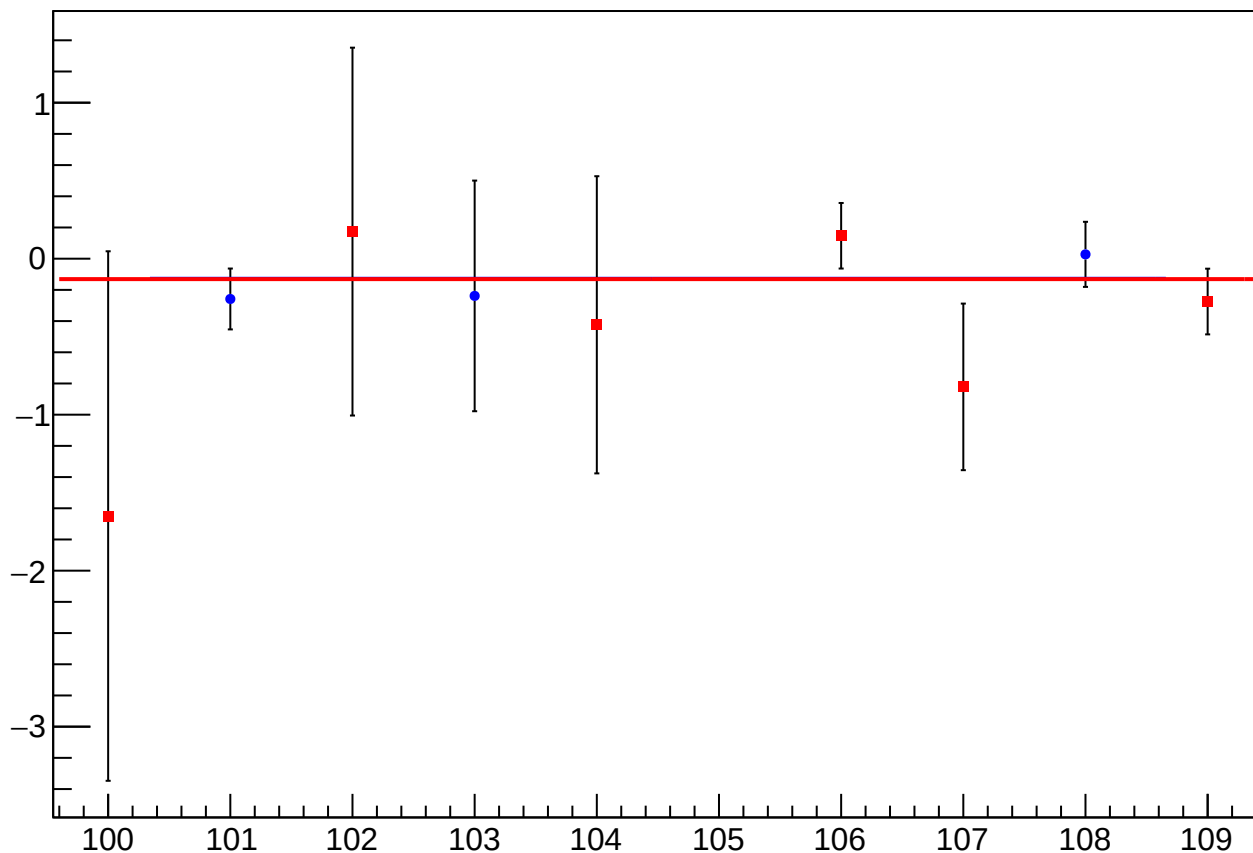
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1401047.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.129+/-0.140 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.131+/-0.140 χ^2/NDF : 4.9/5

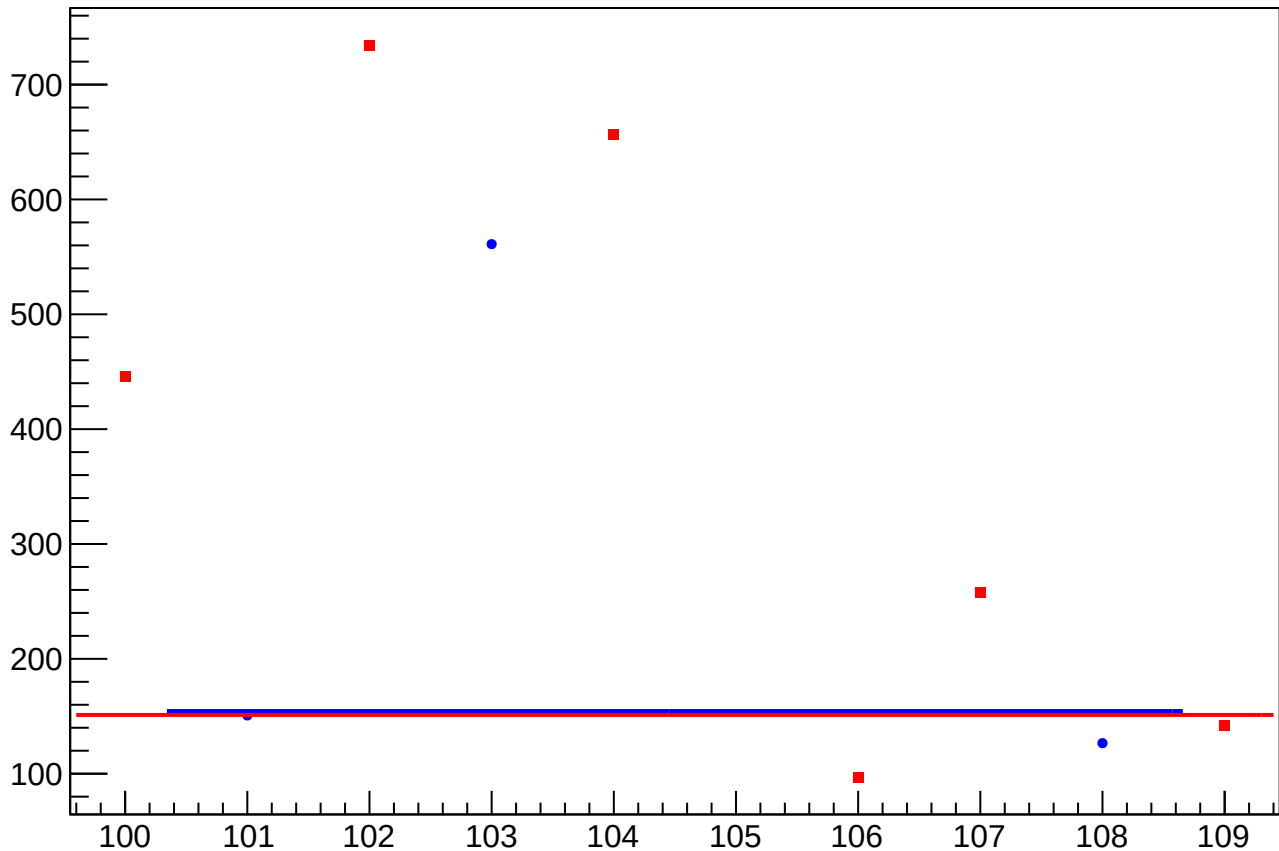
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.130+/-0.099 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 154.550+/-0.099 χ^2/NDF : 641570.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.170+/-0.099 χ^2/NDF : 1331053.9/5

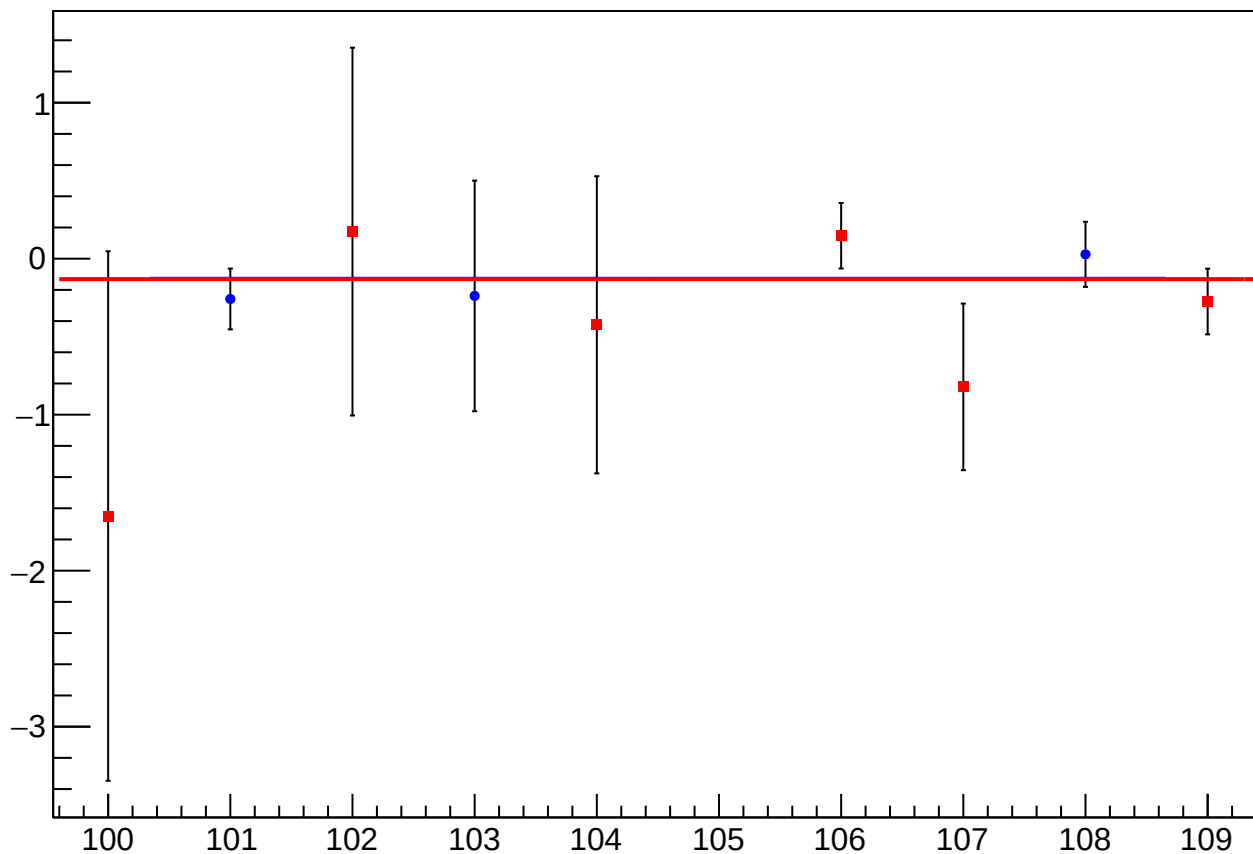
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.863+/-0.070 χ^2/NDF : 1973207.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.129 $\pm$ 0.140 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.131 $\pm$ 0.140 χ^2 /NDF: 4.9/5

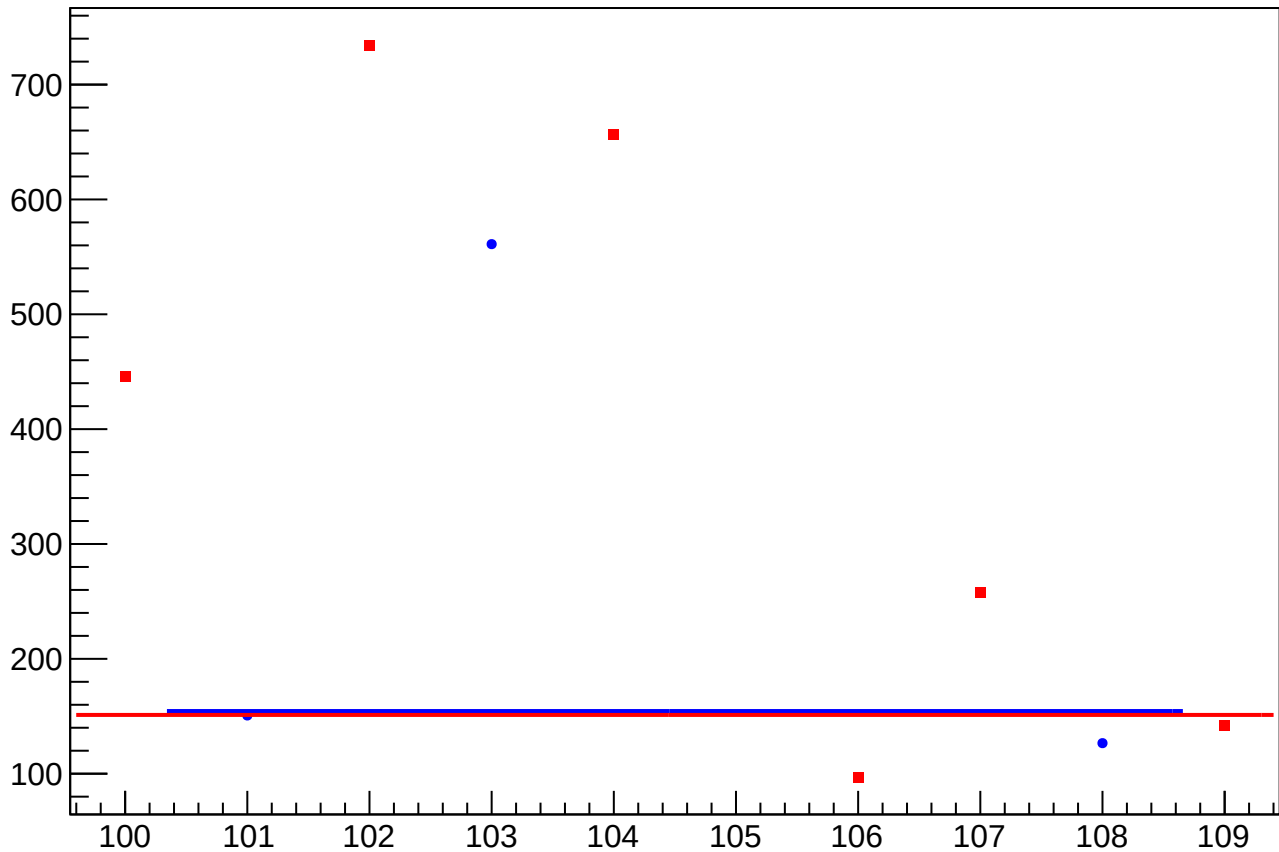
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.130 $\pm$ 0.099 χ^2 /NDF: 5.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 154.550+/-0.099 χ^2/NDF : 641570.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.170+/-0.099 χ^2/NDF : 1331053.9/5

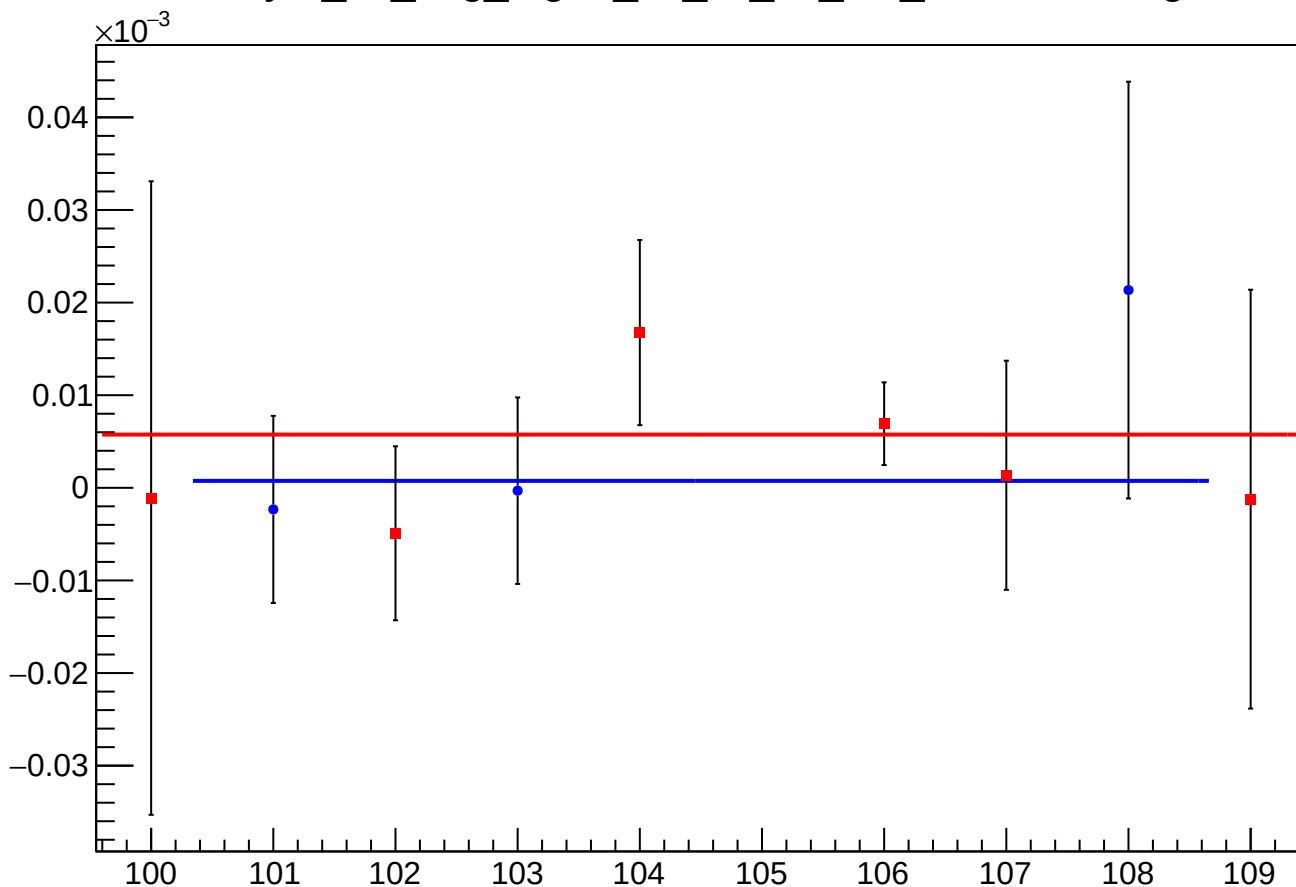
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.863+/-0.070 χ^2/NDF : 1973207.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/5

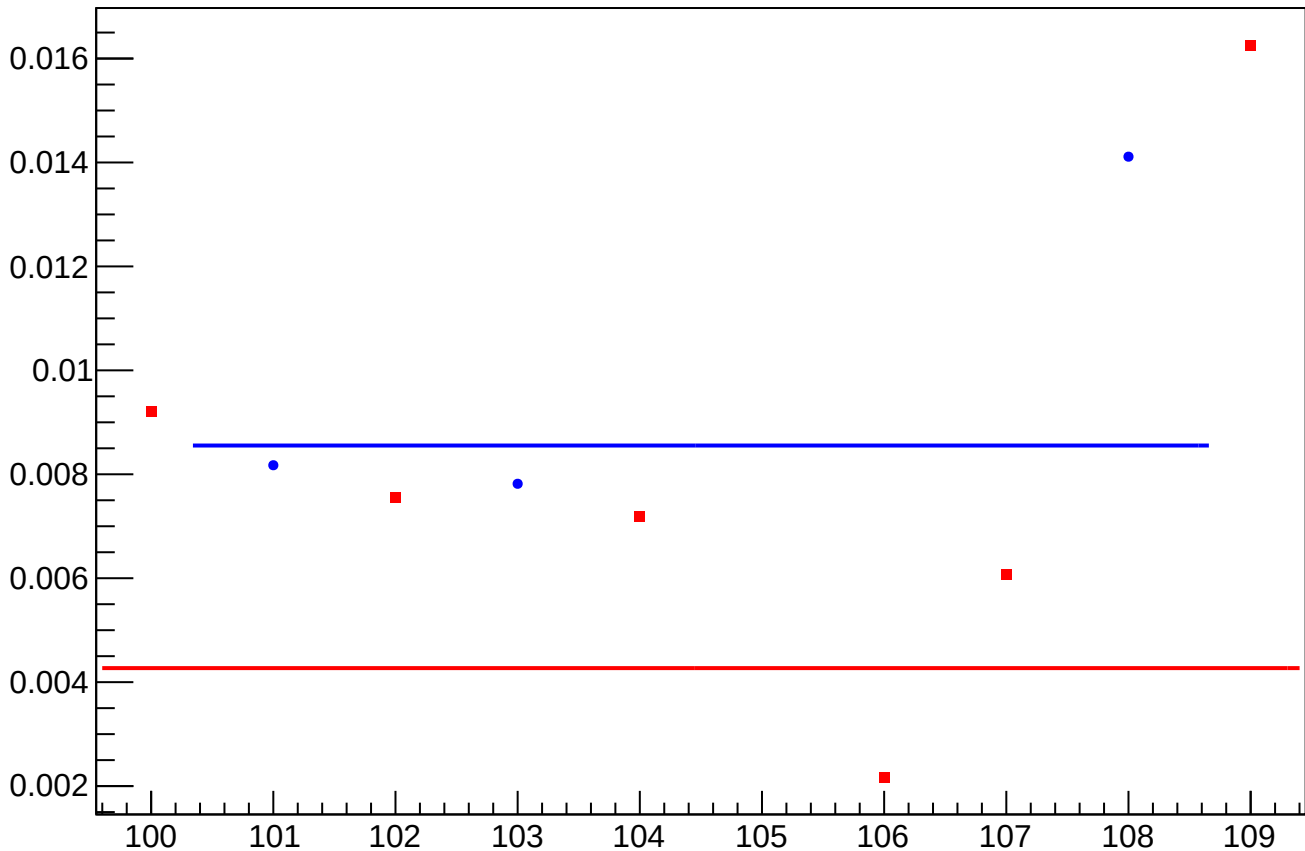
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 135529.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1505386.4/5

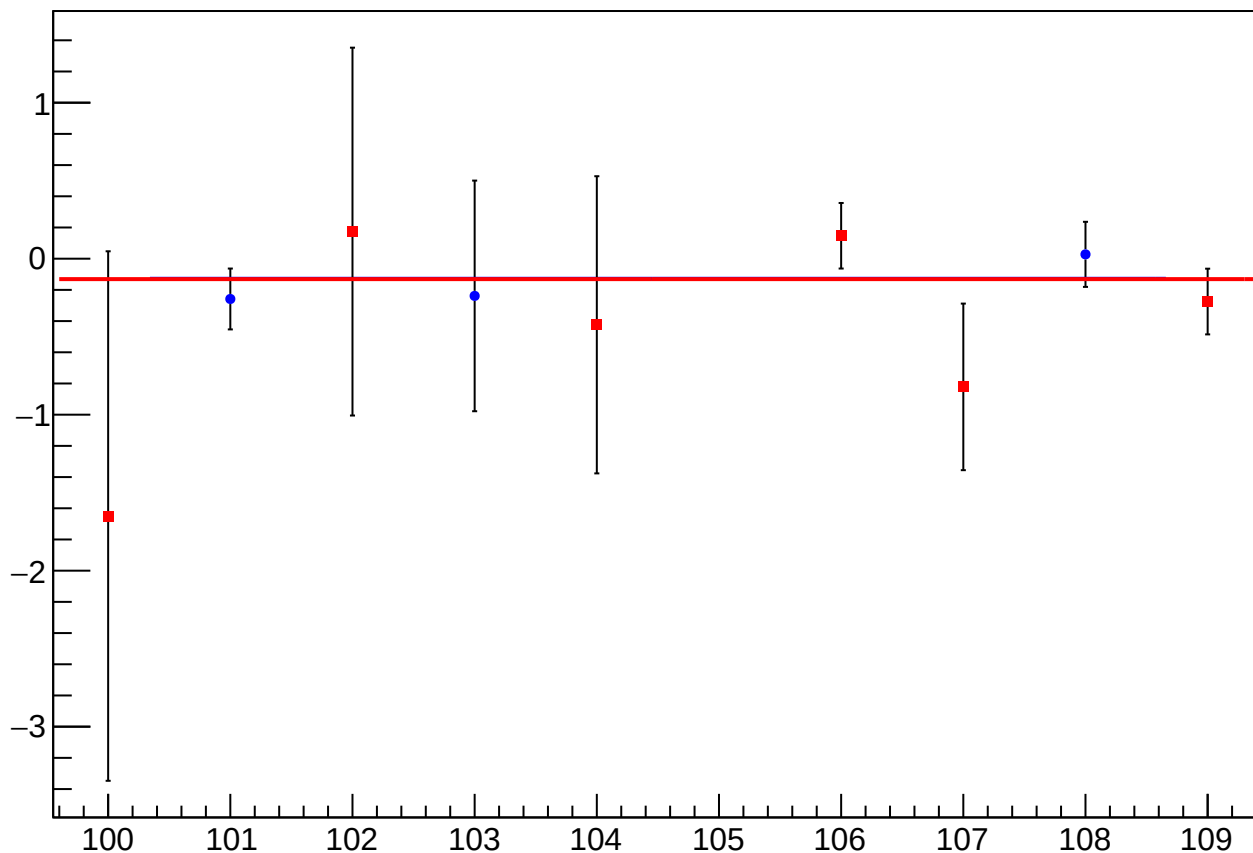
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 2267290.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.129 $\pm$ 0.140 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.131 $\pm$ 0.140 χ^2 /NDF: 4.9/5

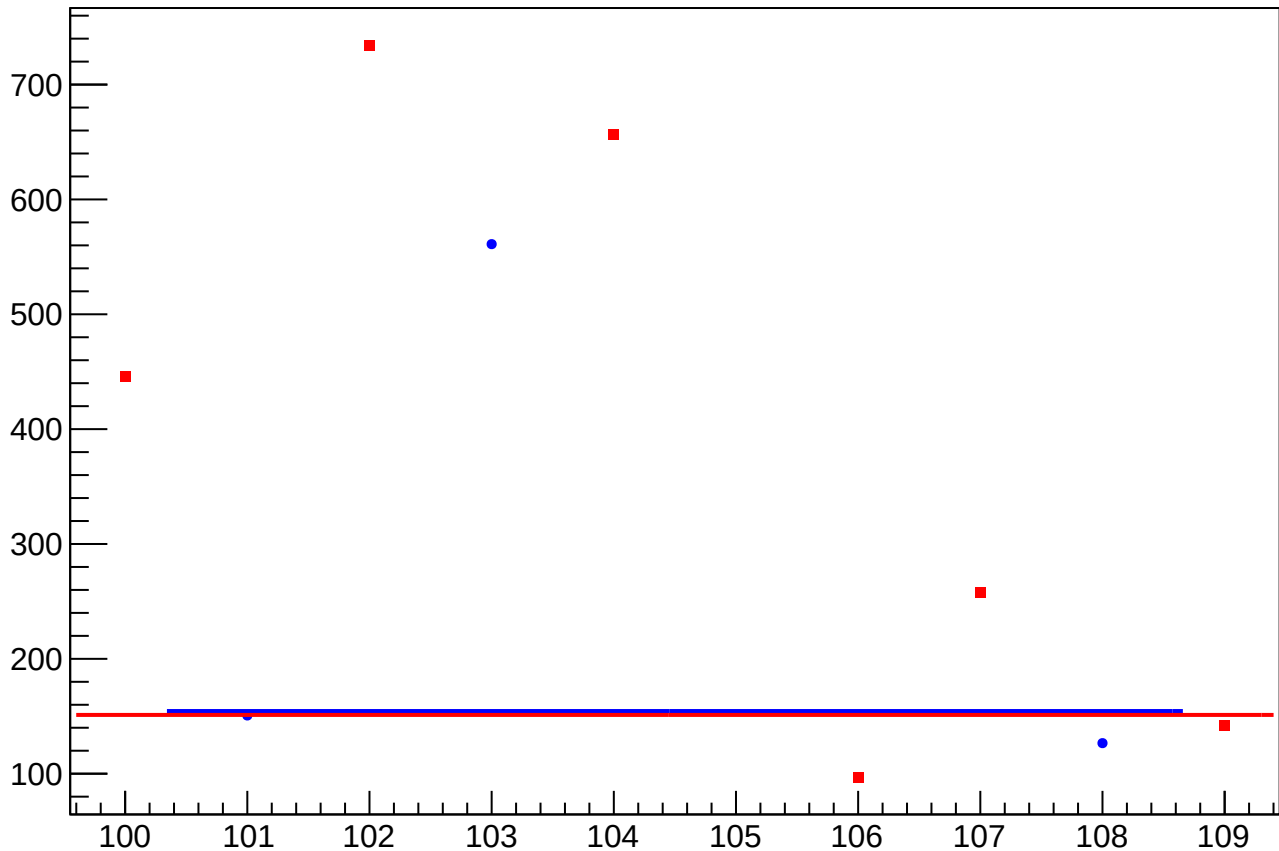
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.130 $\pm$ 0.099 χ^2 /NDF: 5.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 154.553+/-0.099 χ^2/NDF : 641541.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.170+/-0.099 χ^2/NDF : 1331042.9/5

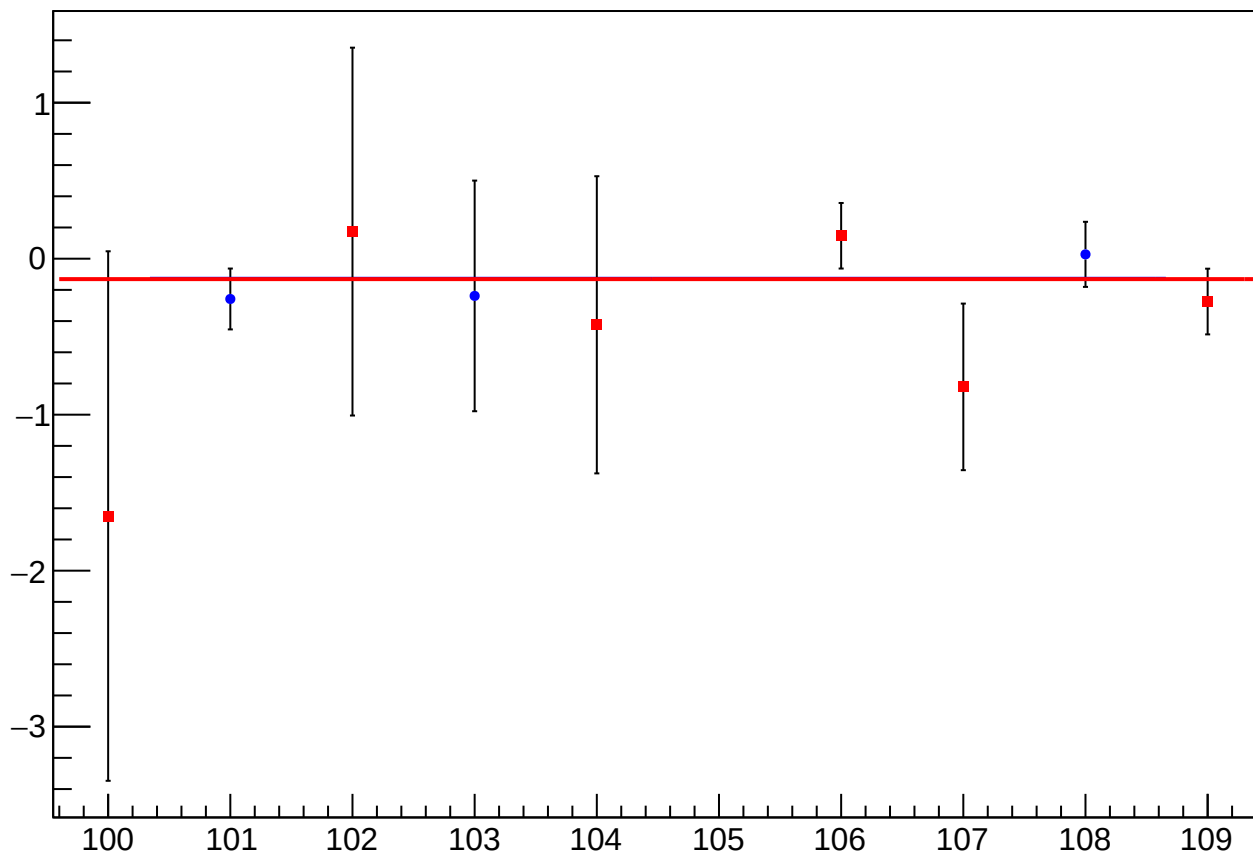
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.865+/-0.070 χ^2/NDF : 1973167.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.129 $\pm$ 0.140 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.131 $\pm$ 0.140 χ^2 /NDF: 4.9/5

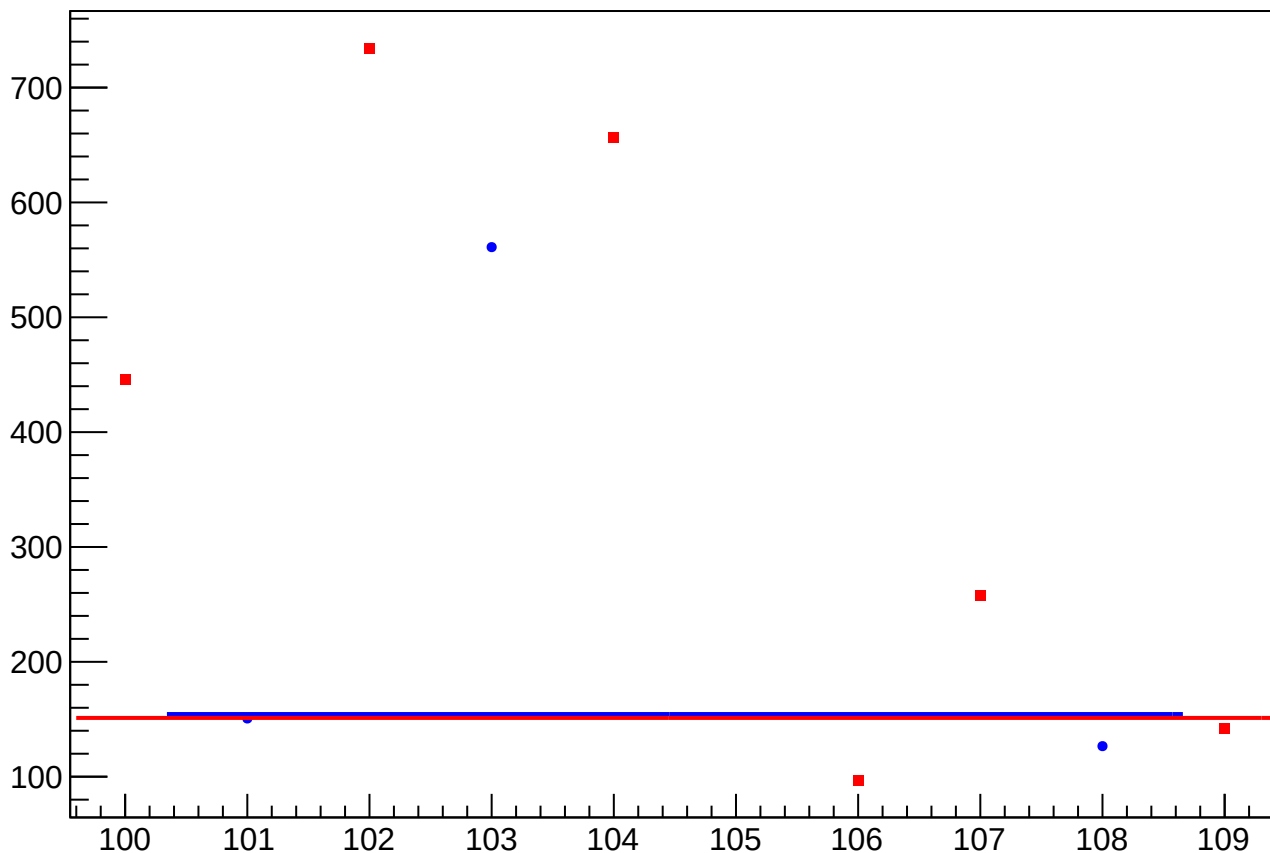
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.130 $\pm$ 0.099 χ^2 /NDF: 5.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 154.553 $\pm$ 0.099 χ^2 /NDF: 641541.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 151.170 $\pm$ 0.099 χ^2 /NDF: 1331042.9/5

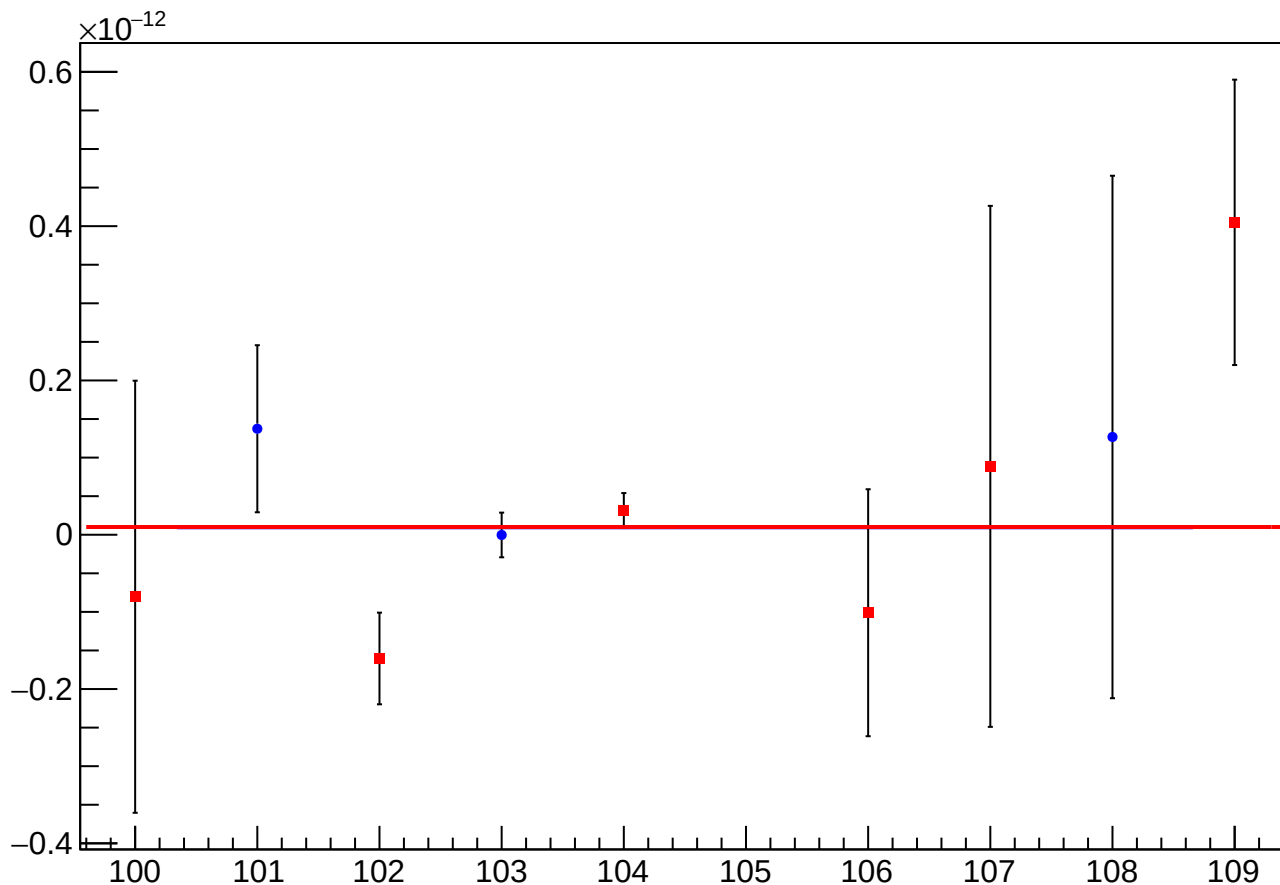
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.865 $\pm$ 0.070 χ^2 /NDF: 1973167.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/5

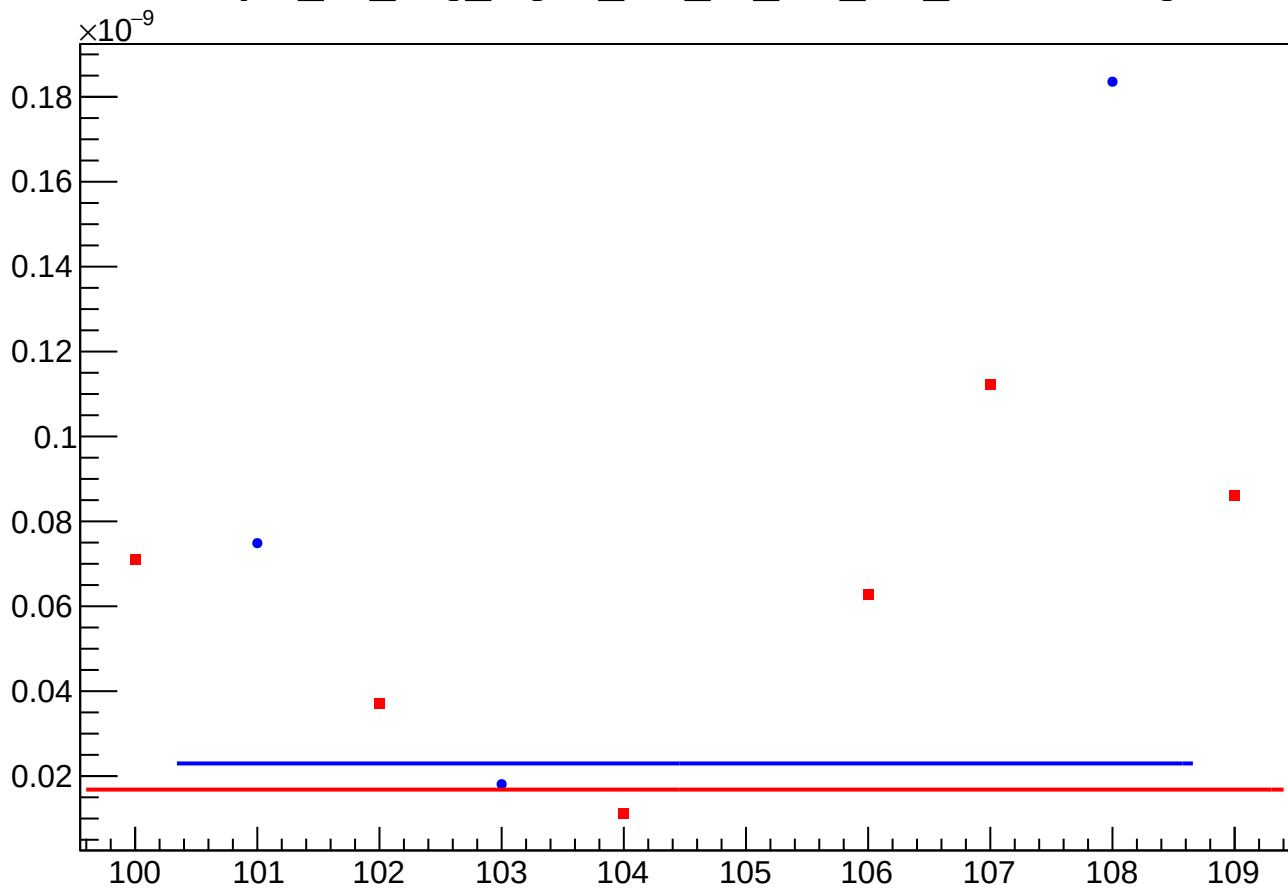
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 966195.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1036847.3/5

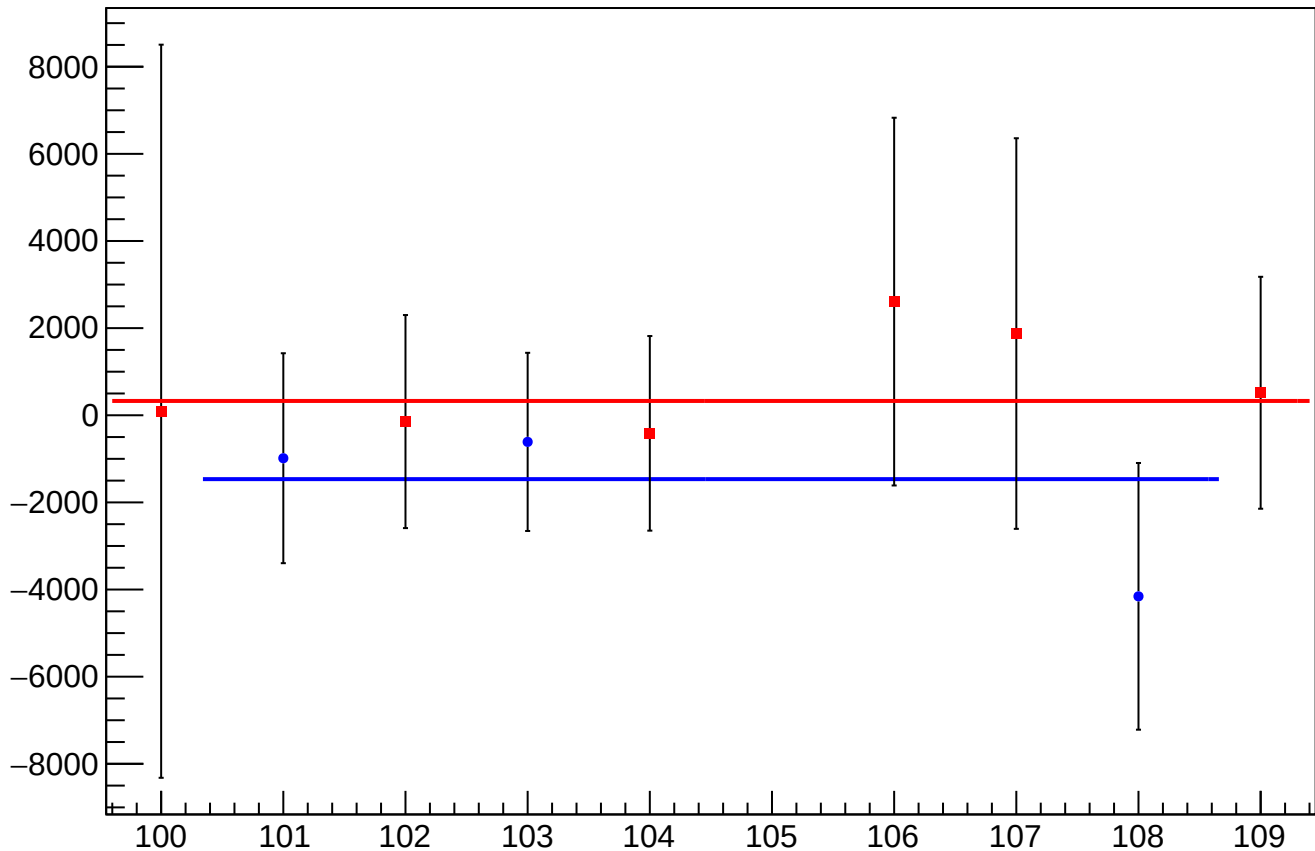
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2065806.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_mean vs Slug



Right In: -1465.925+/-1389.136 χ^2 /NDF: 1.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 328.533+/-1260.971 χ^2 /NDF: 0.6/5

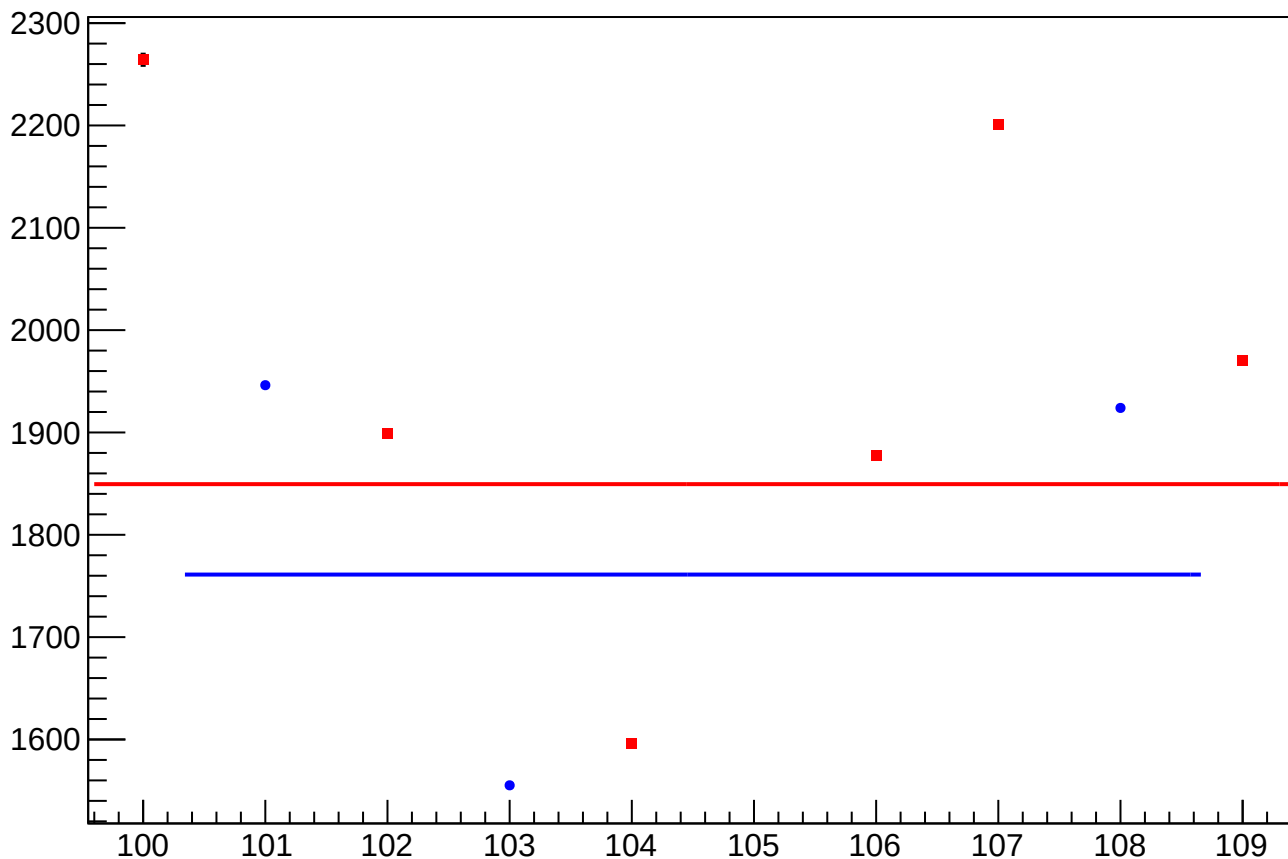
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -482.115+/-933.672 χ^2 /NDF: 2.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_rms vs Slug



Right In: 1761.142 $\pm$ 0.982 χ^2 /NDF: 37751.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1849.499 $\pm$ 0.876 χ^2 /NDF: 48007.6/5

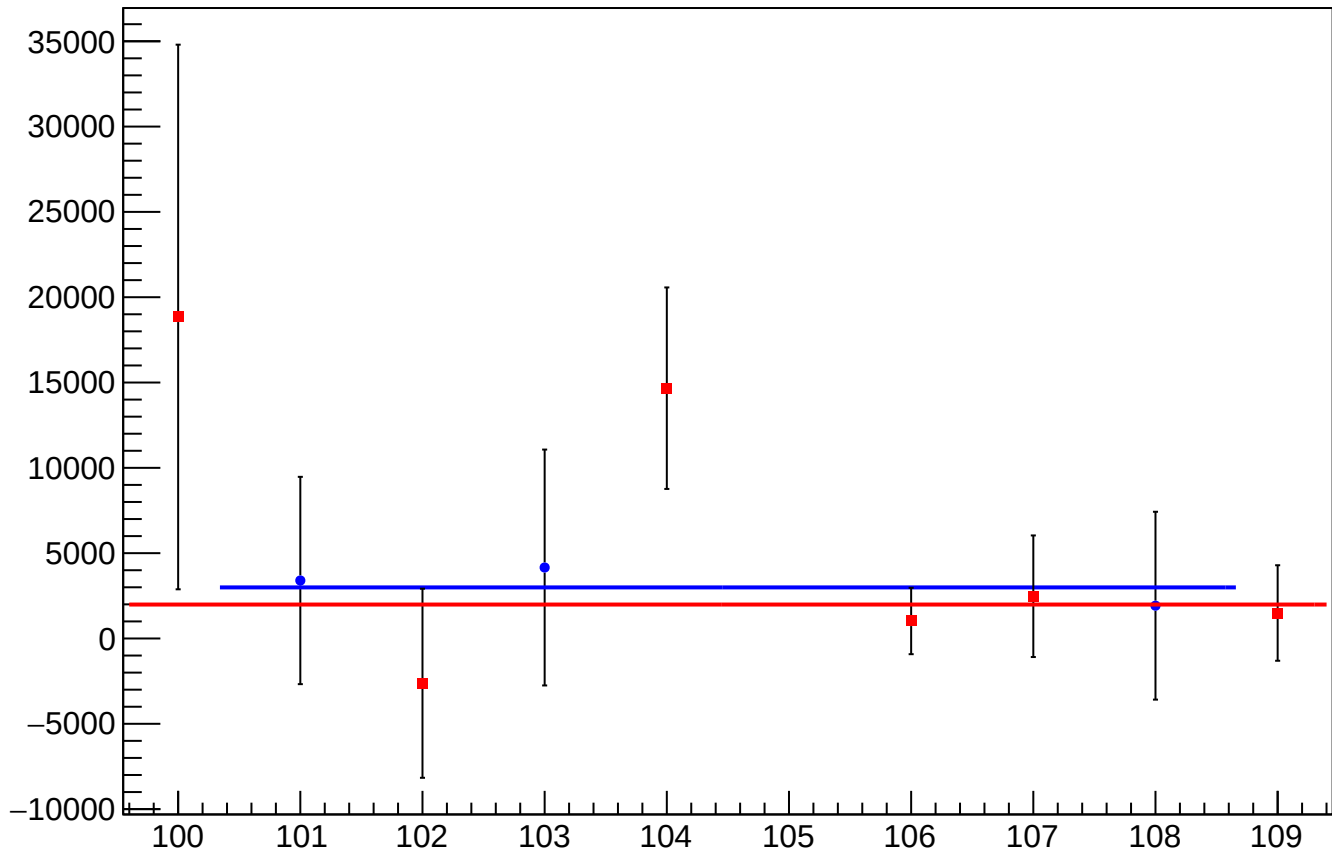
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1810.370 $\pm$ 0.654 χ^2 /NDF: 90267.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: 2993.463 $\pm$ 3512.878 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1988.733 $\pm$ 1365.953 χ^2 /NDF: 6.7/5

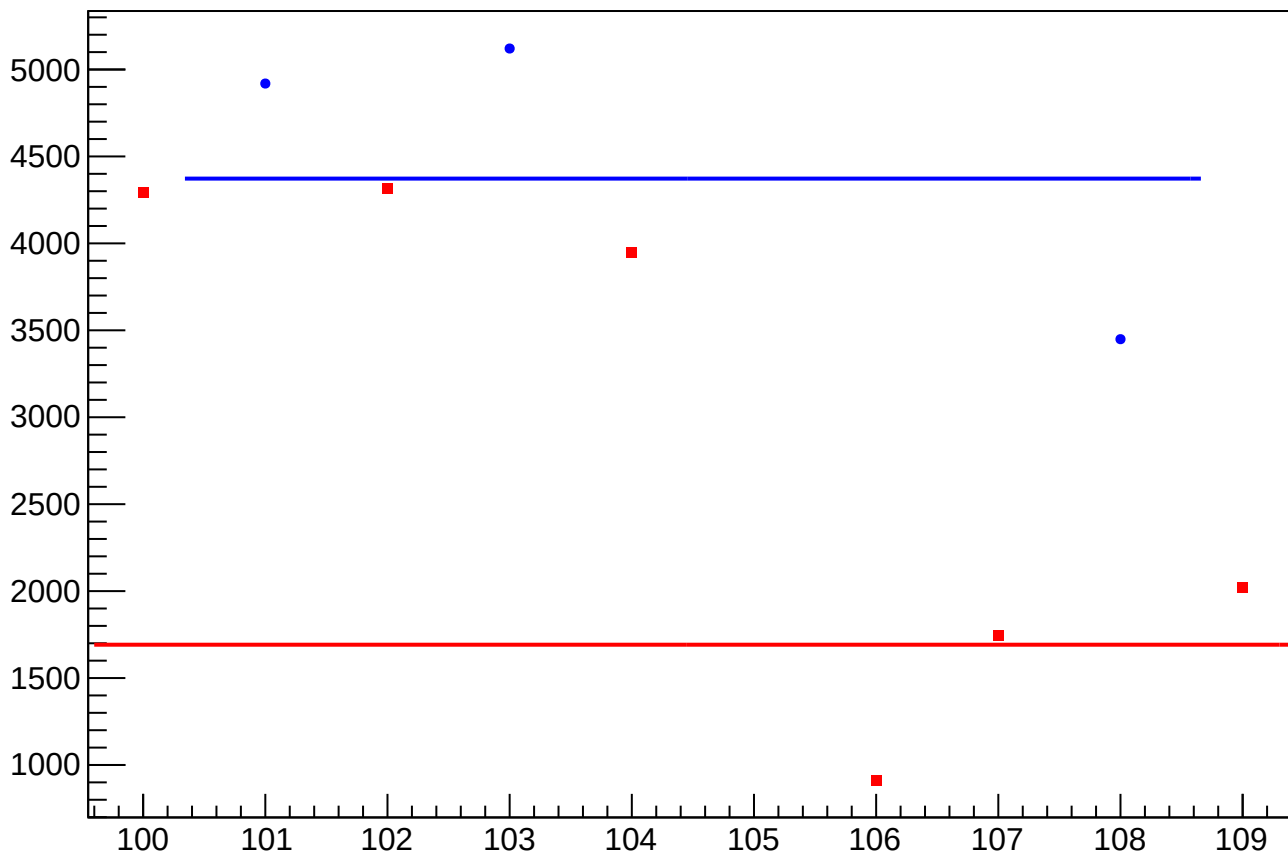
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2120.694 $\pm$ 1273.095 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 4372.522+/-2.484 χ^2/NDF : 95929.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

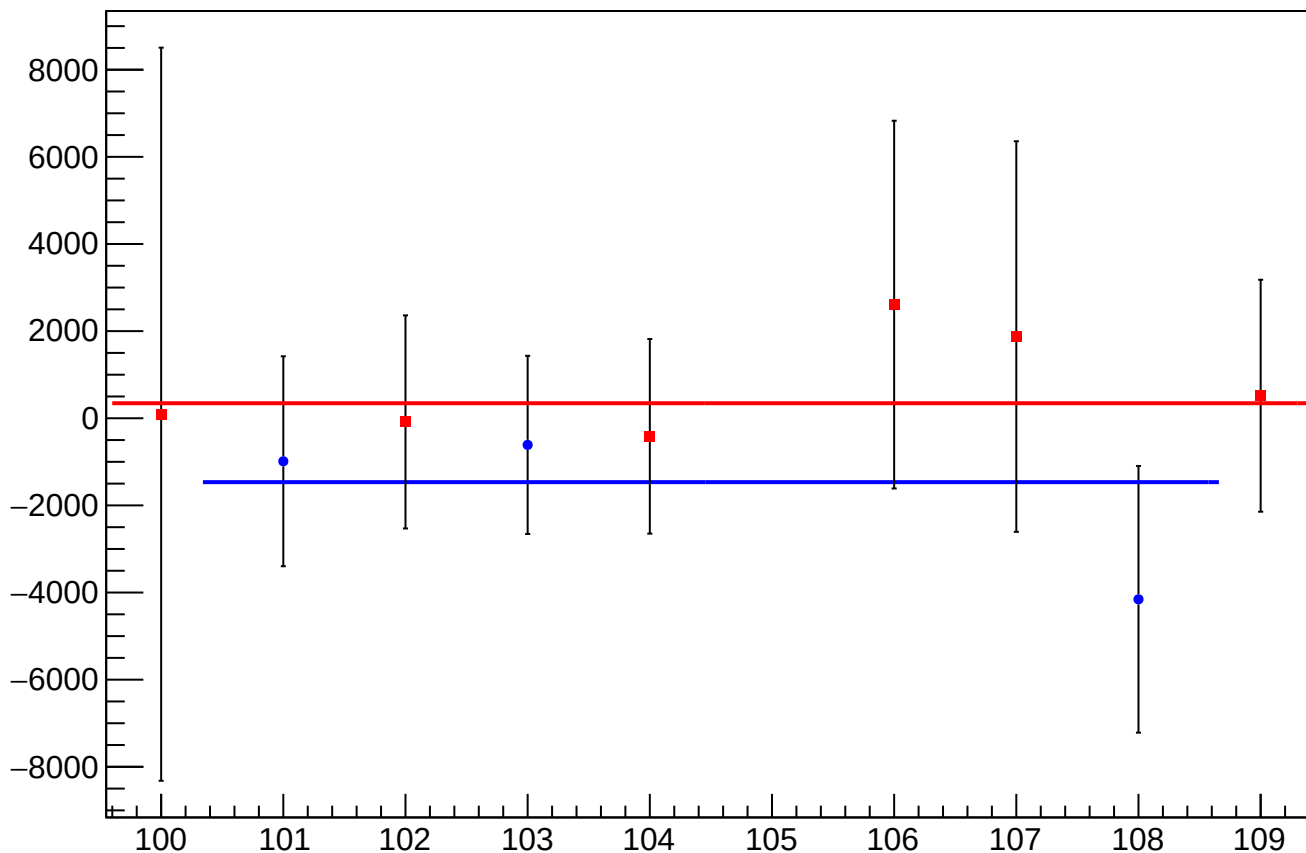
Right Out: 1691.751+/-0.966 χ^2/NDF : 1143397.7/5

All: 2043.842+/-0.900 χ^2/NDF : 2251077.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_mean vs Slug



Right In: -1466.312+/-1389.136 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 345.041+/-1261.019 χ^2/NDF : 0.6/5

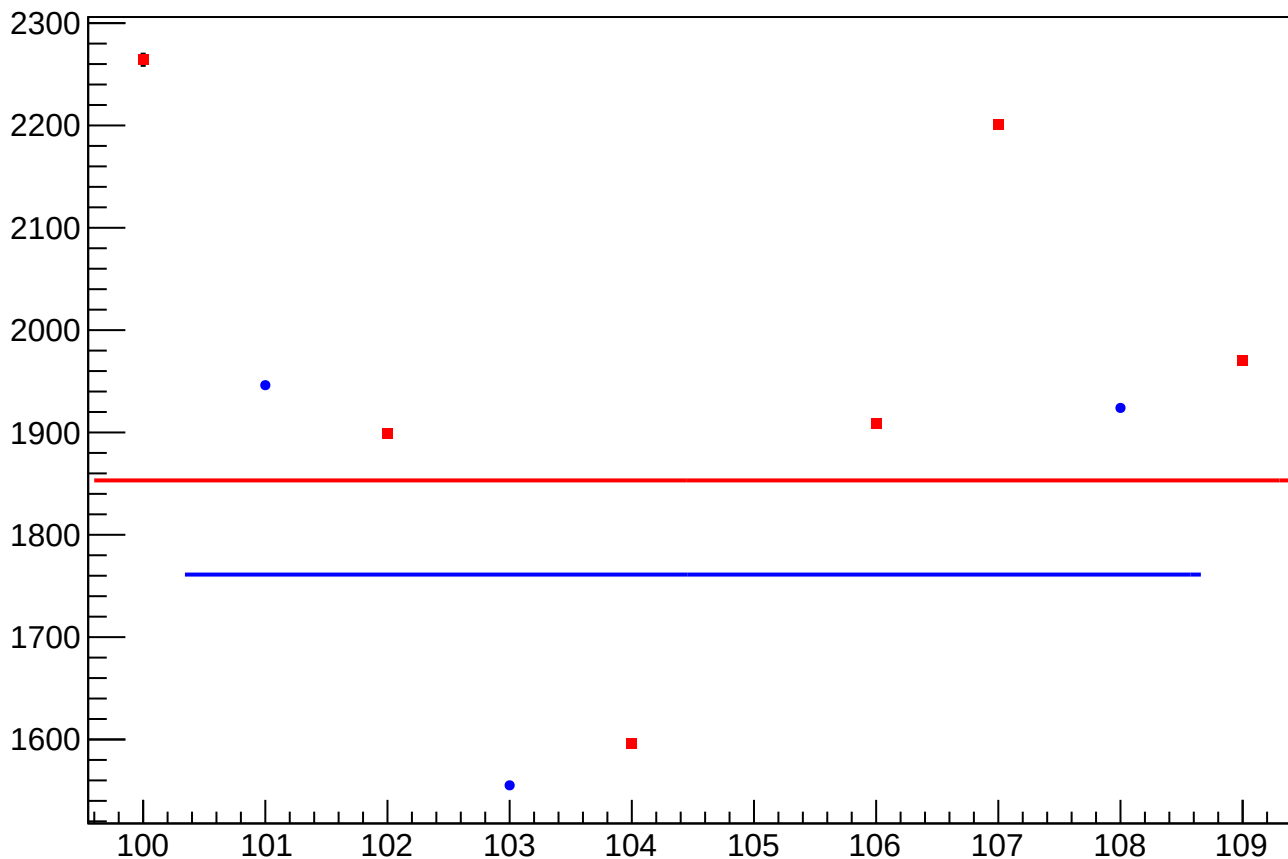
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.273+/-933.691 χ^2/NDF : 2.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_rms vs Slug



Right In: 1761.141 $\pm$ 0.982 χ^2 /NDF: 37751.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1853.139 $\pm$ 0.877 χ^2 /NDF: 48410.9/5

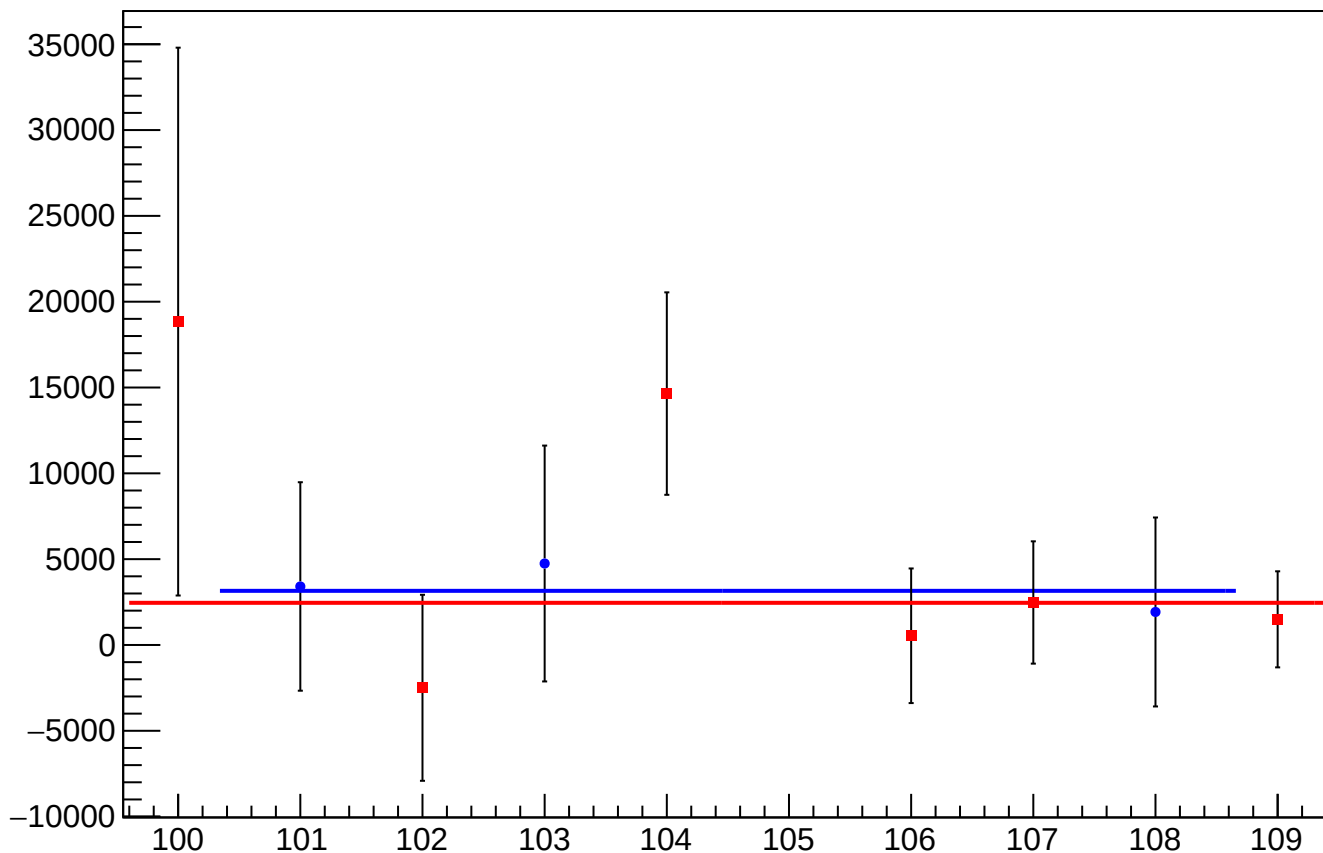
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1812.314 $\pm$ 0.654 χ^2 /NDF: 91042.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



Right In: 3153.999 $\pm$ 3507.231 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Right Out: 2456.299 $\pm$ 1719.558 χ^2 /NDF: 6.5/5

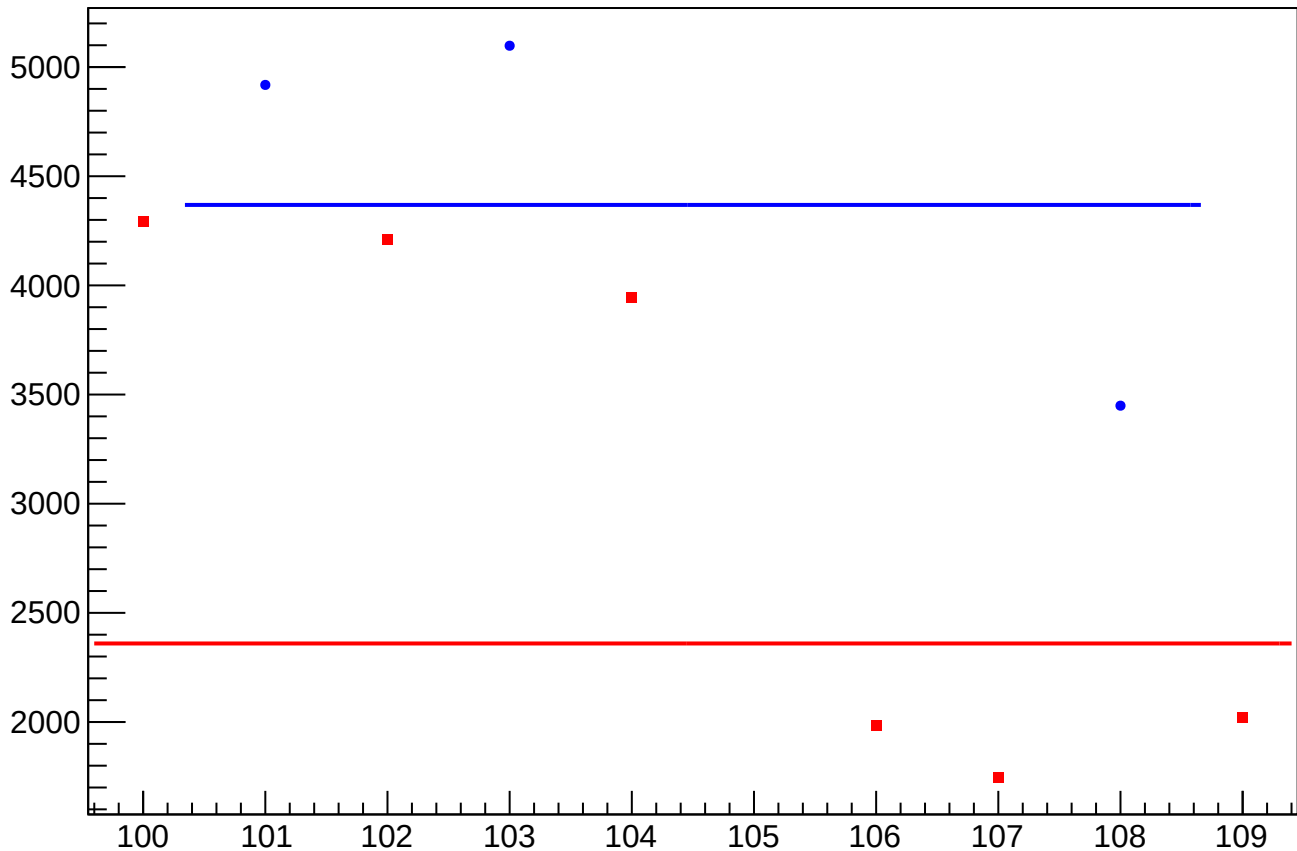
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

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

All: 2591.512 $\pm$ 1543.970 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_cor_correction_rms vs Slug



Right In: 4368.598 $\pm$ 2.480 χ^2 /NDF: 94730.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2359.773 $\pm$ 1.216 χ^2 /NDF: 513273.5/5

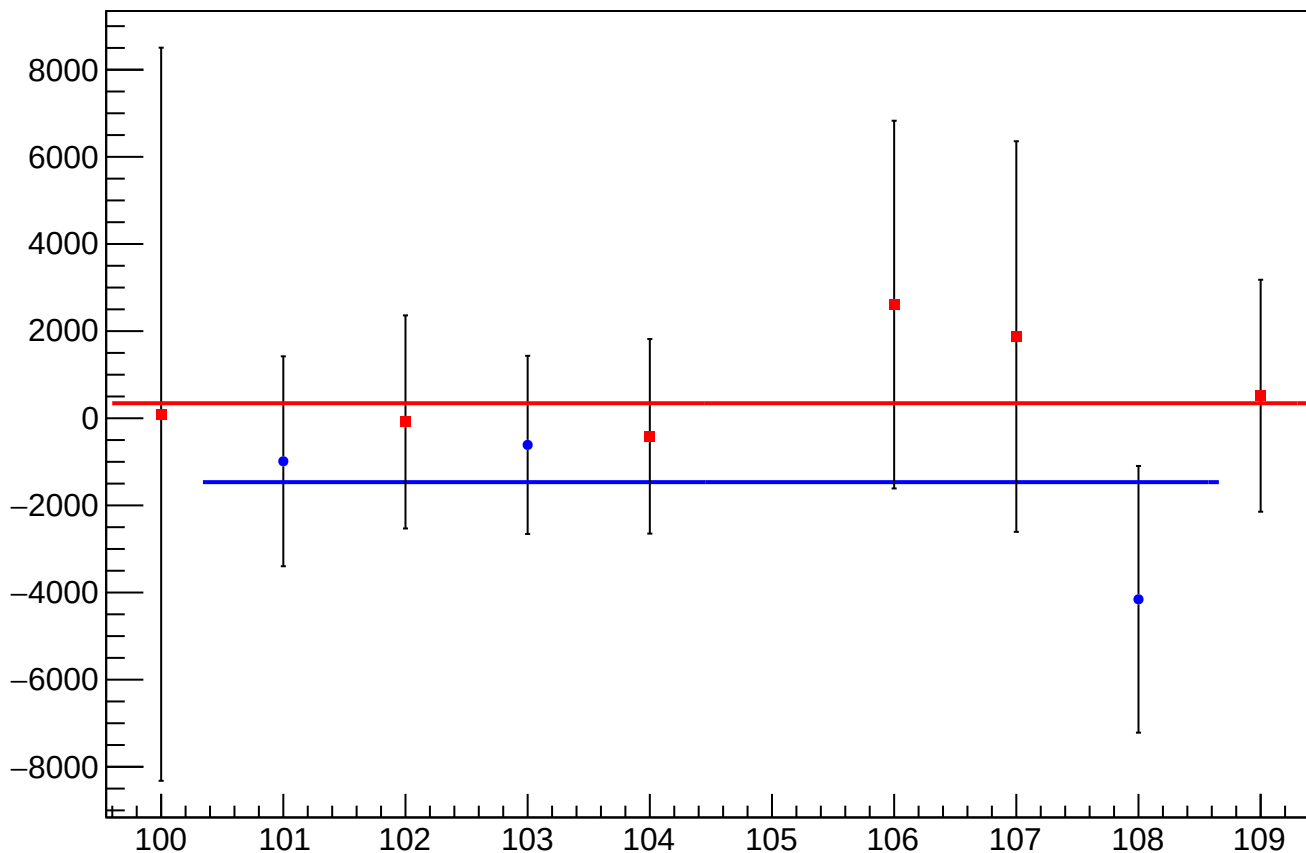
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2749.079 $\pm$ 1.092 χ^2 /NDF: 1136971.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_mean vs Slug



Right In: -1466.312 $\pm$ 1389.136 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 345.041 $\pm$ 1261.019 χ^2 /NDF: 0.6/5

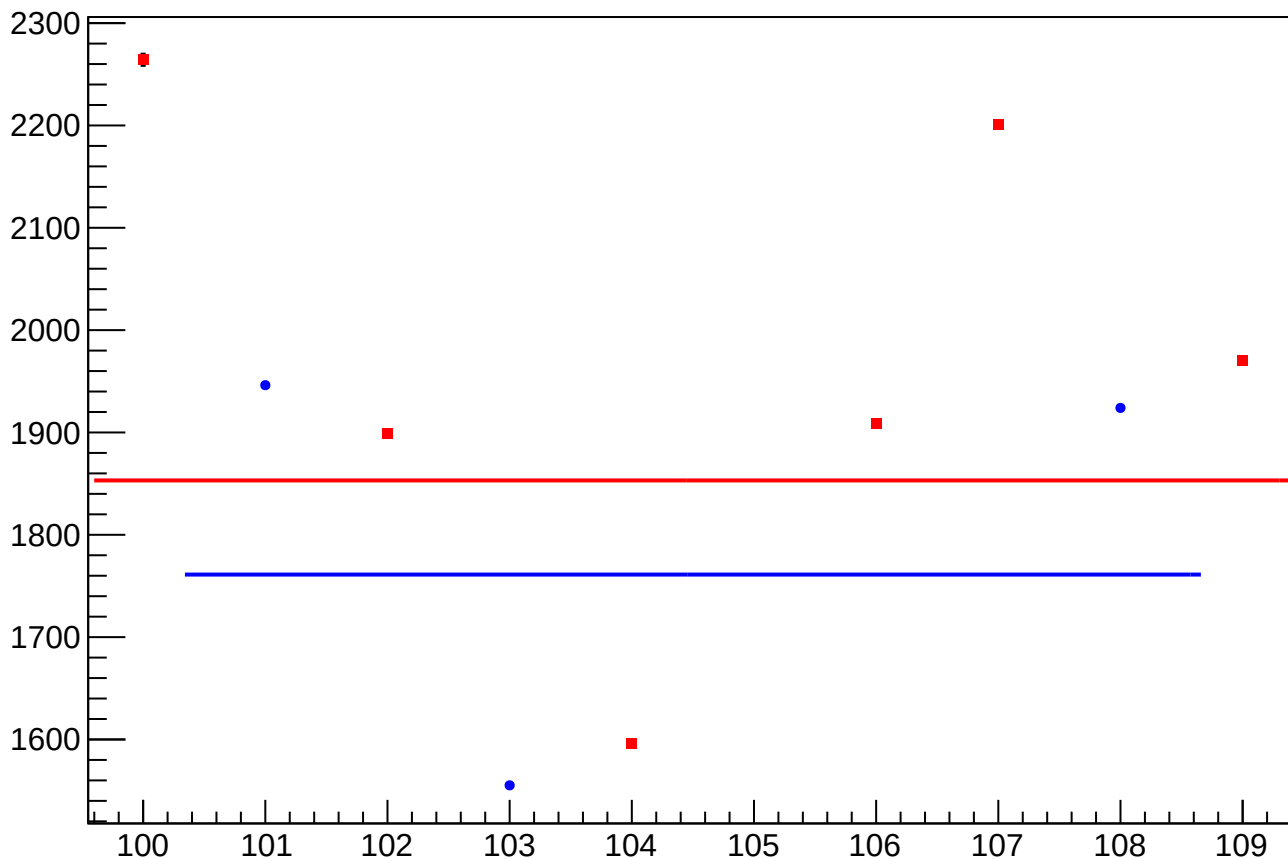
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -473.273 $\pm$ 933.691 χ^2 /NDF: 2.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1761.141 $\pm$ 0.982 χ^2 /NDF: 37751.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1853.139 $\pm$ 0.877 χ^2 /NDF: 48410.9/5

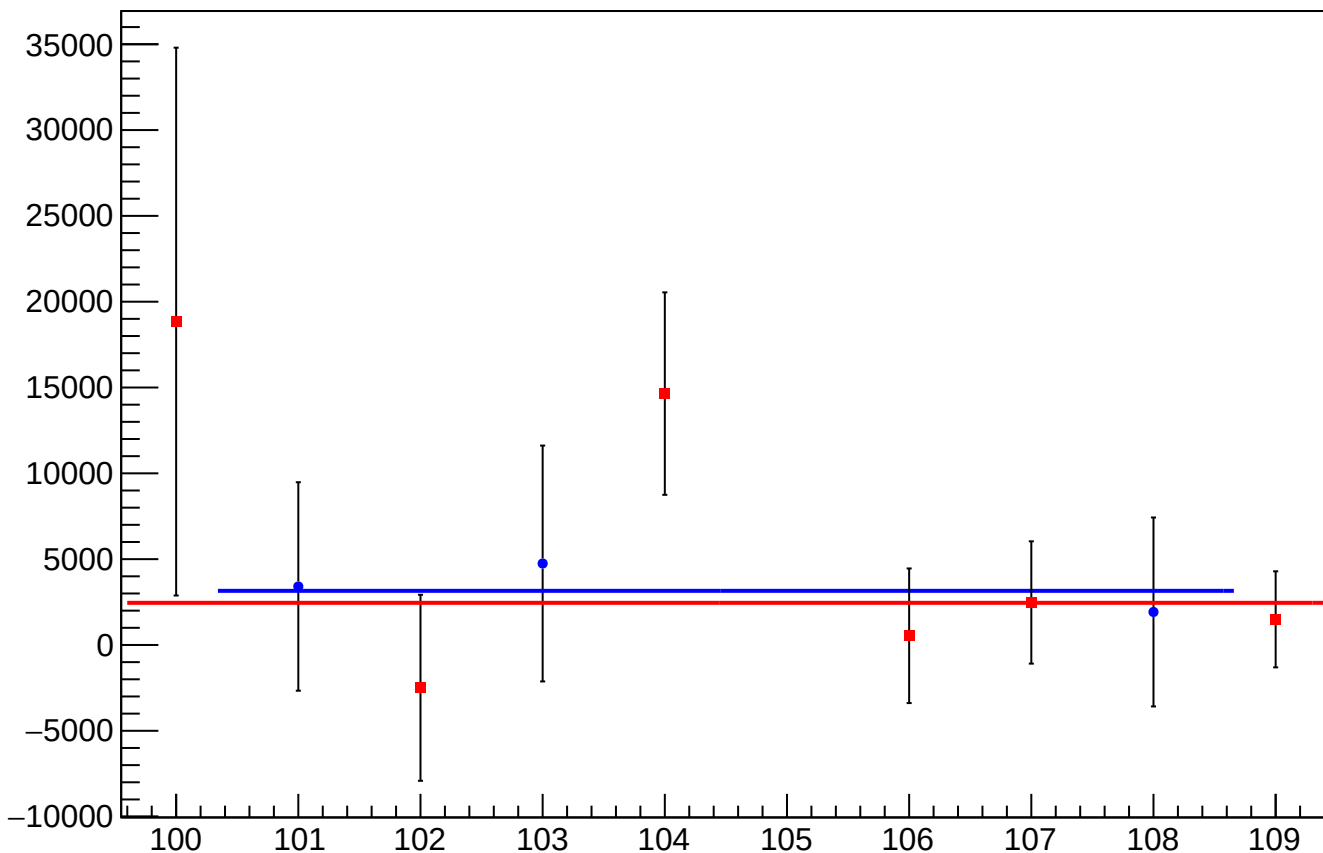
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1812.314 $\pm$ 0.654 χ^2 /NDF: 91042.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_correction_mean vs Slug



Right In: 3153.999+/-3507.231 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2456.299+/-1719.558 χ^2/NDF : 6.5/5

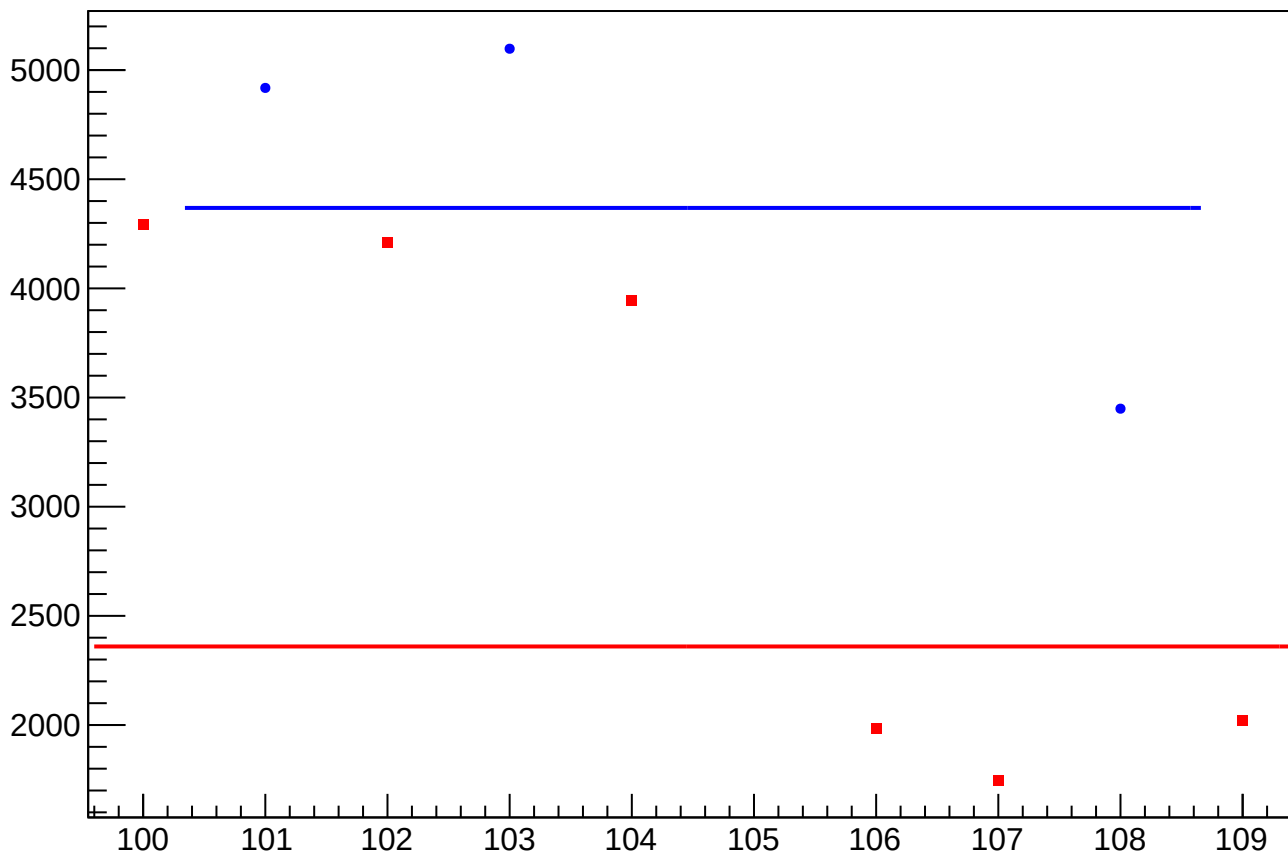
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2591.512+/-1543.970 χ^2/NDF : 6.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_rms vs Slug



Right In: 4368.598 $\pm$ 2.480 χ^2 /NDF: 94730.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2359.773 $\pm$ 1.216 χ^2 /NDF: 513273.5/5

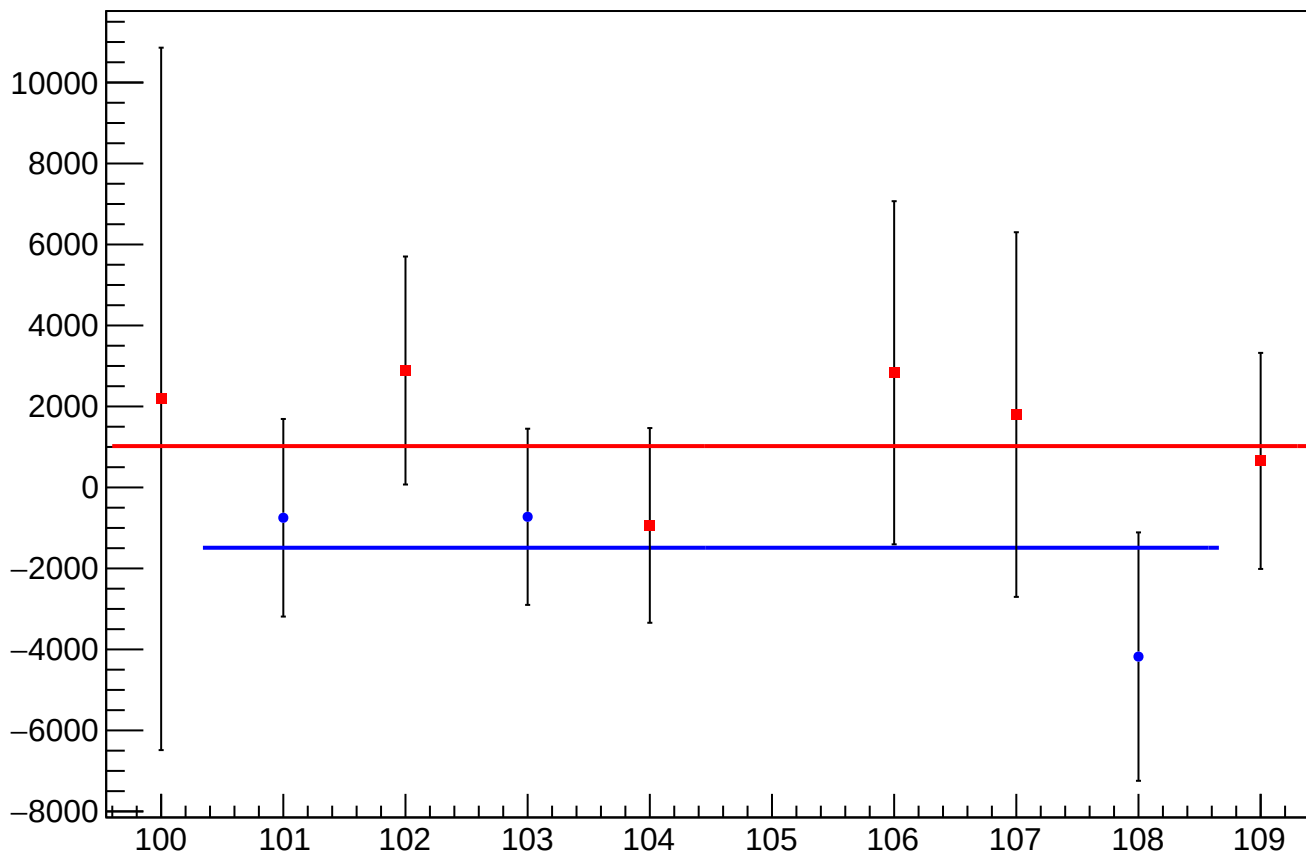
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2749.079 $\pm$ 1.092 χ^2 /NDF: 1136971.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_mean vs Slug



Right In: -1489.033 ± 1435.025 $\chi^2/\text{NDF}: 1.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1021.275 ± 1338.744 $\chi^2/\text{NDF}: 1.4/5$

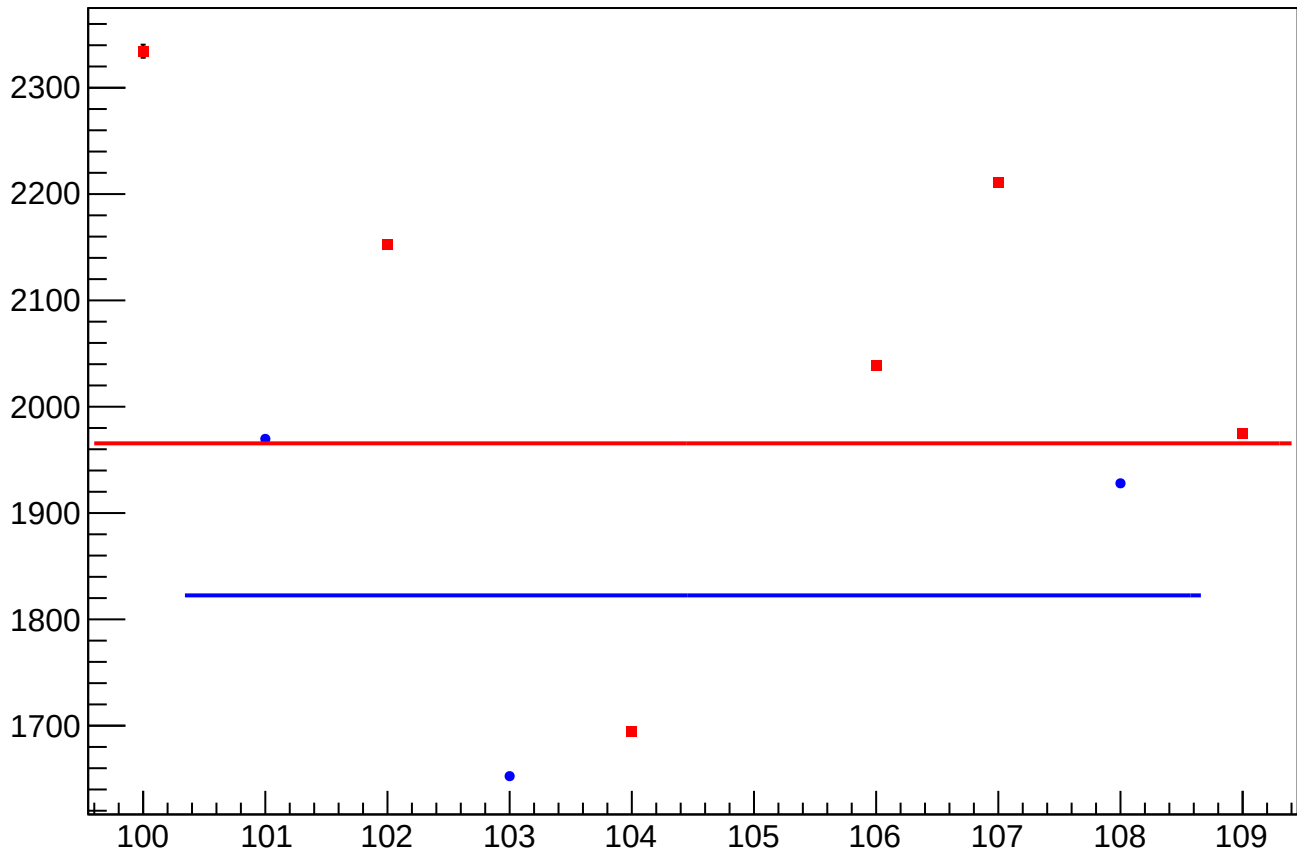
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -146.847 ± 978.904 $\chi^2/\text{NDF}: 4.0/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_atl_dd_rms vs Slug



Right In: 1822.545 $\pm$ 1.015 χ^2 /NDF: 21859.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1965.551 $\pm$ 0.937 χ^2 /NDF: 44427.5/5

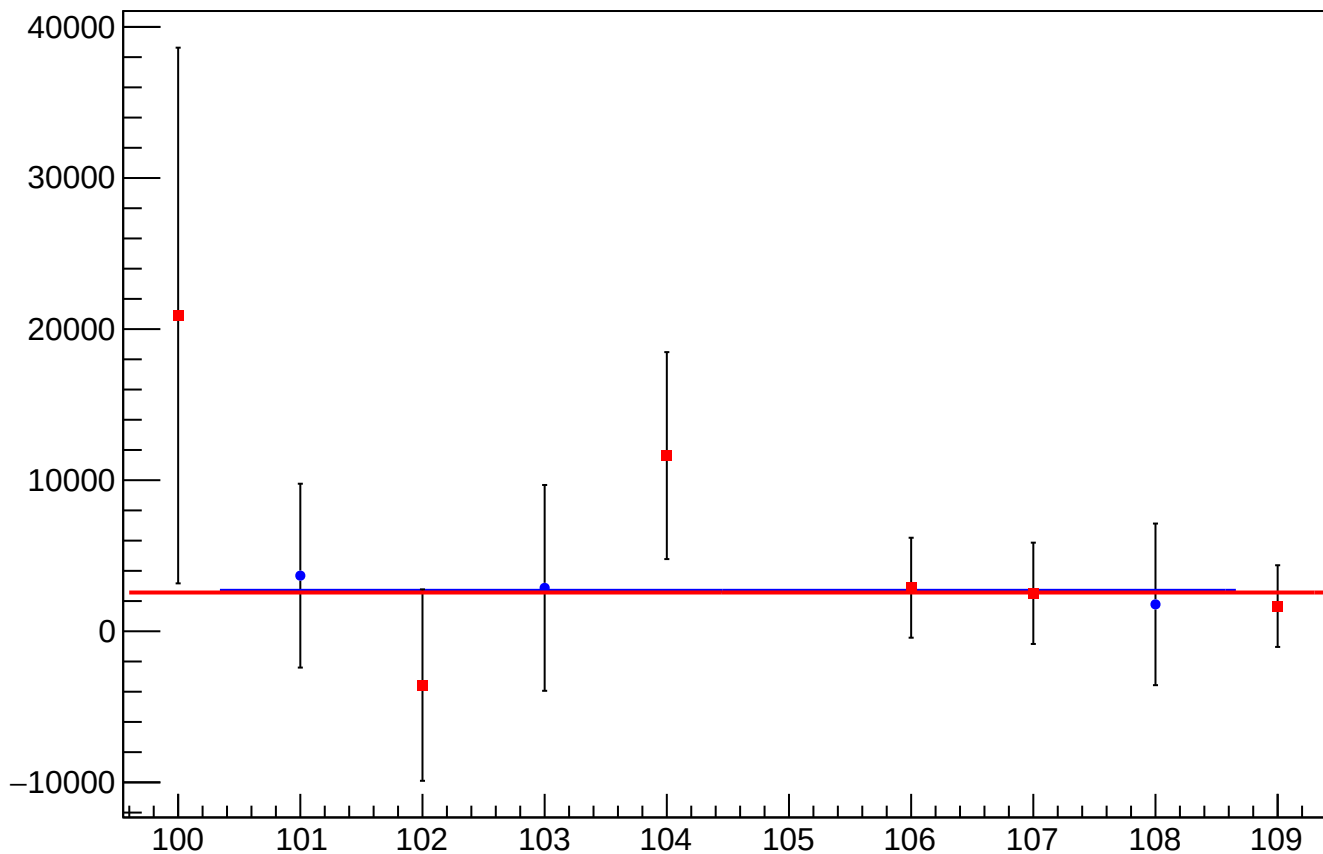
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1899.710 $\pm$ 0.689 χ^2 /NDF: 77003.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: 2677.617+/-3460.028 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2566.139+/-1651.609 χ^2/NDF : 3.9/5

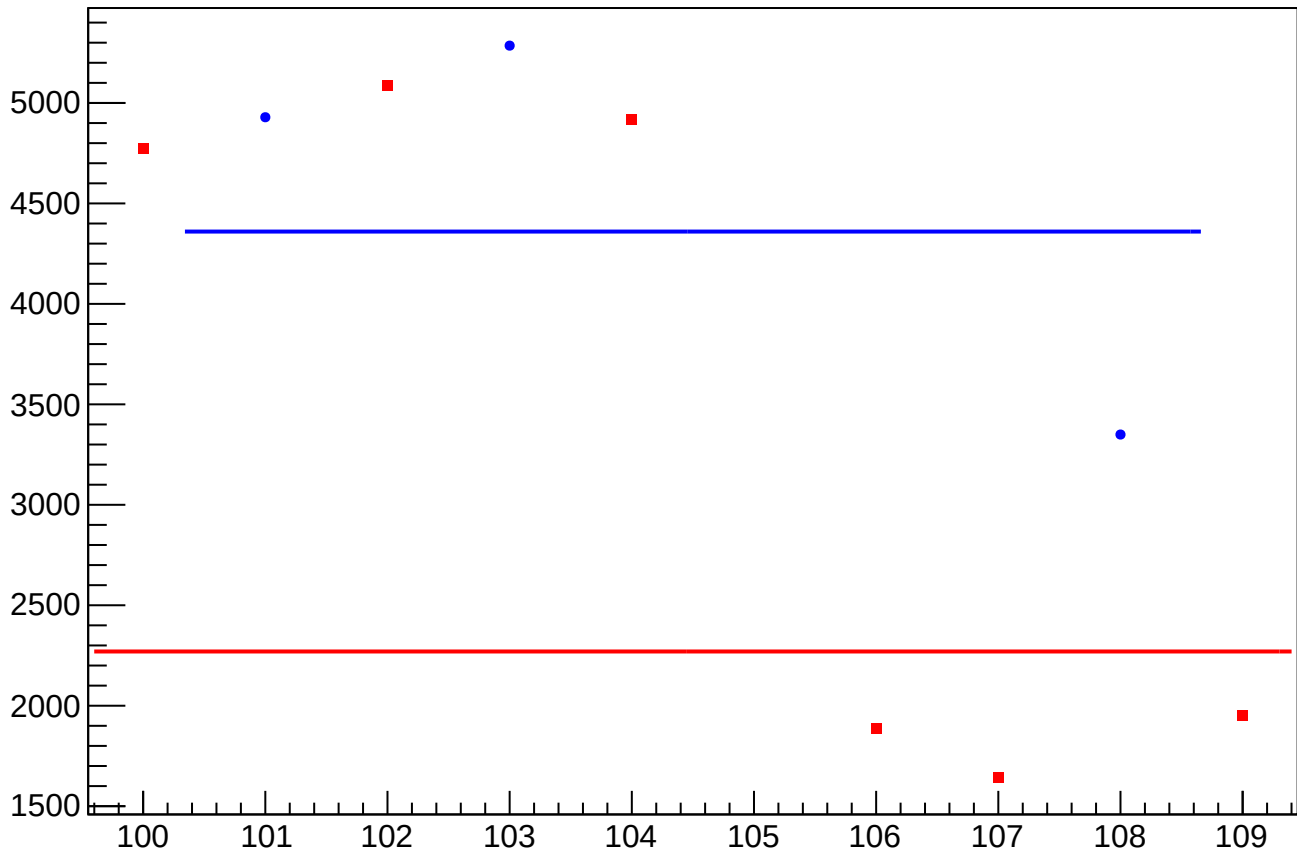
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2586.826+/-1490.507 χ^2/NDF : 3.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



Right In: 4359.942 $\pm$ 2.447 χ^2 /NDF: 125768.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2269.957 $\pm$ 1.168 χ^2 /NDF: 859211.6/5

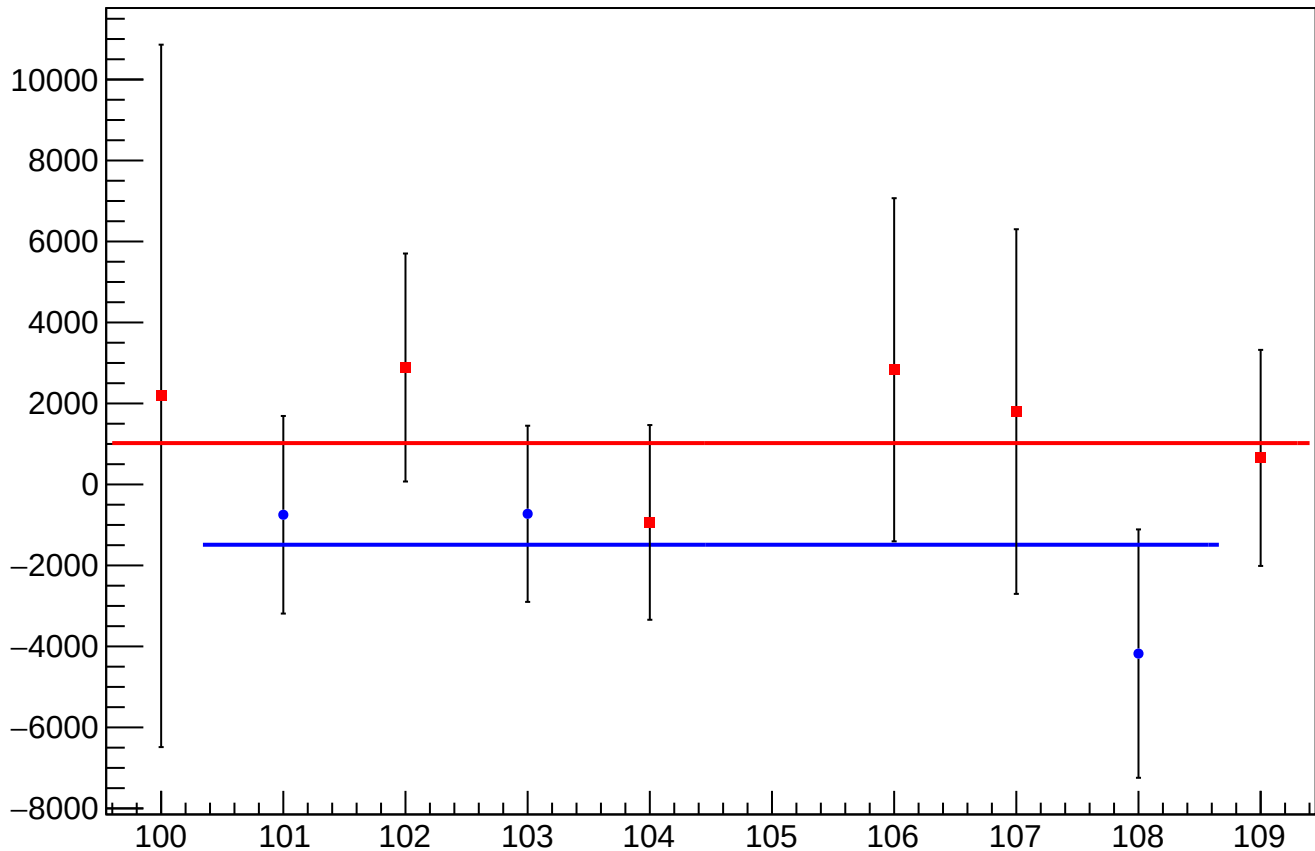
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2657.796 $\pm$ 1.054 χ^2 /NDF: 1579286.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_mean vs Slug



Right In: -1489.038 $\pm$ -1435.025 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 1021.282 $\pm$ -1338.743 χ^2 /NDF: 1.4/5

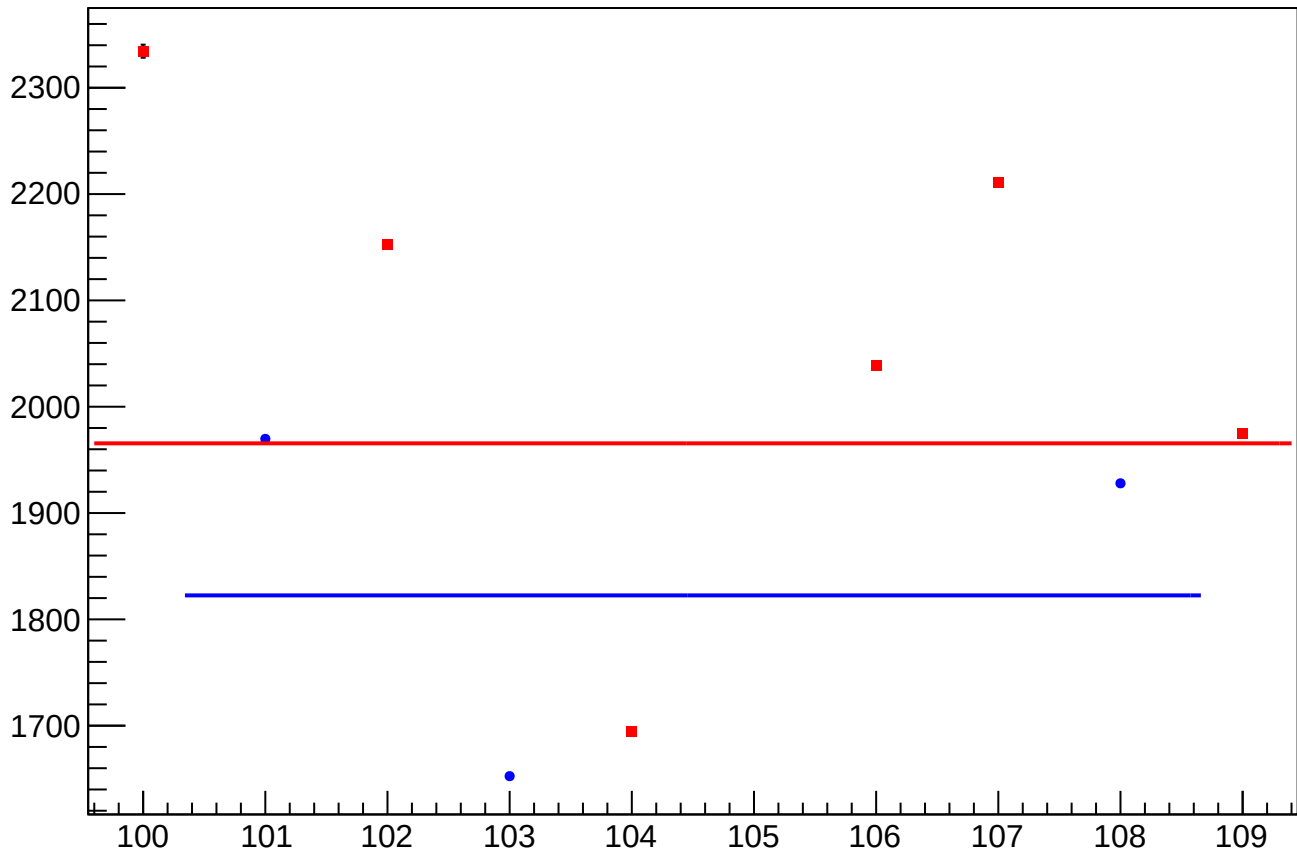
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: -146.846 $\pm$ -978.904 χ^2 /NDF: 4.0/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1822.544+/-1.015 χ^2/NDF : 21859.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1965.550+/-0.937 χ^2/NDF : 44427.5/5

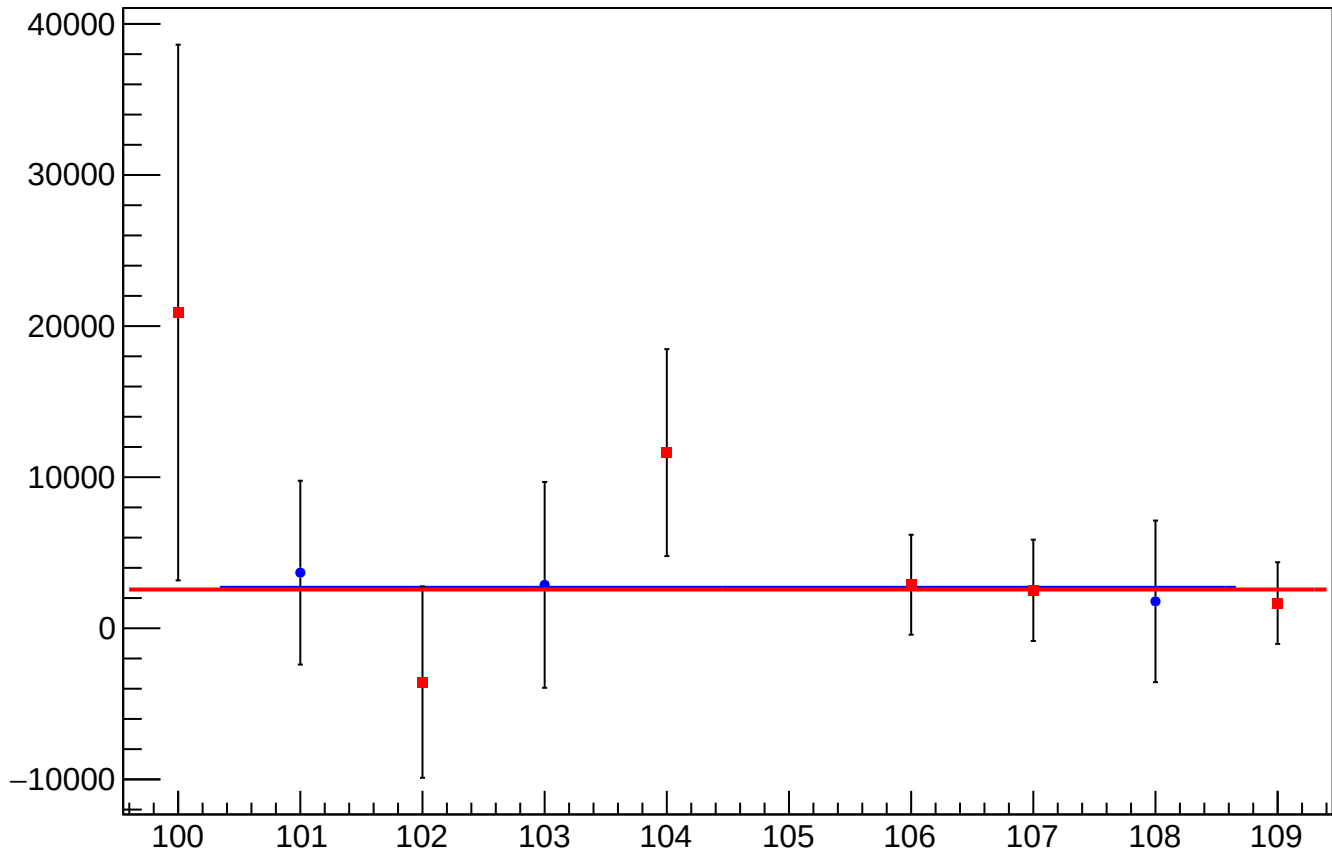
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.709+/-0.689 χ^2/NDF : 77004.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: 2677.608 $\pm$ 3460.020 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2566.136 $\pm$ 1651.606 χ^2 /NDF: 3.9/5

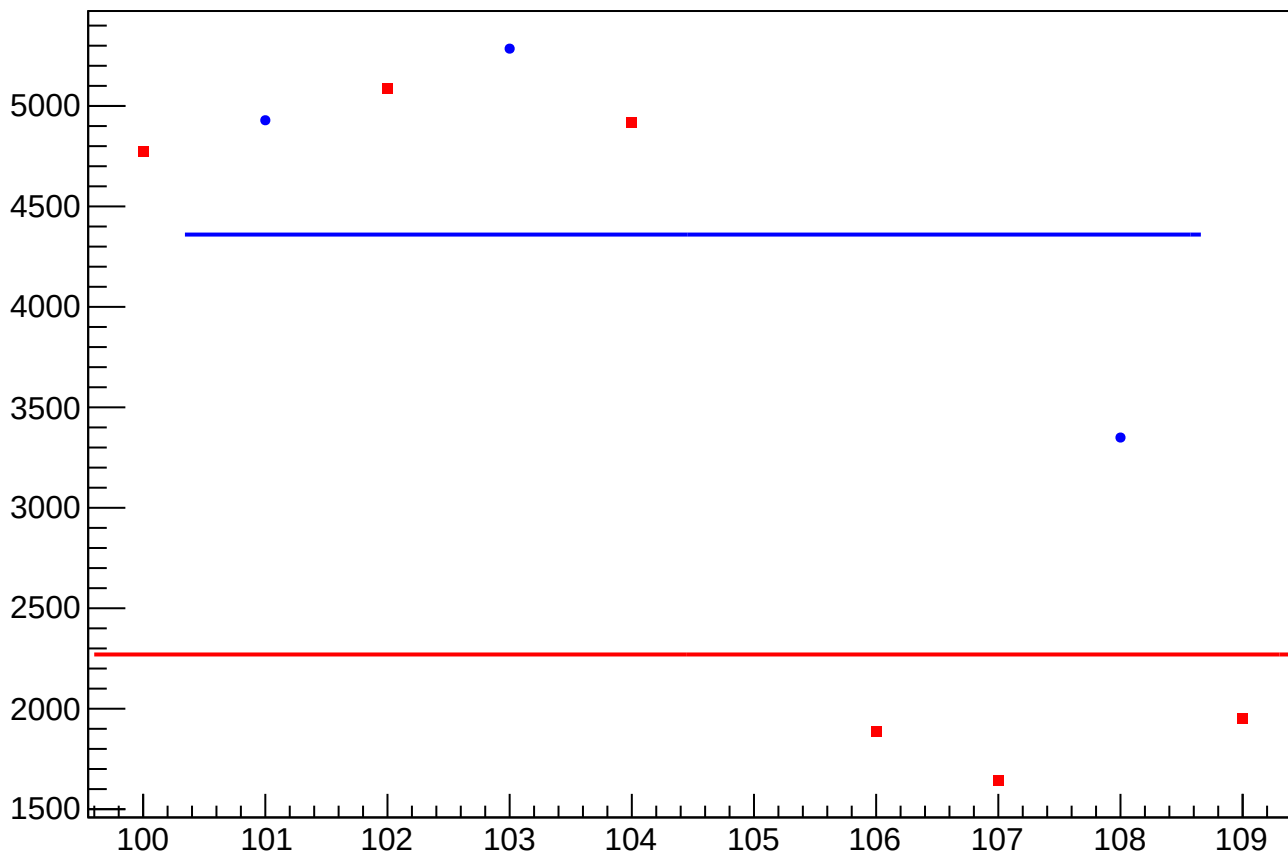
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2586.822 $\pm$ 1490.504 χ^2 /NDF: 3.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 4359.930+/-2.447 χ^2/NDF : 125771.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2269.952+/-1.168 χ^2/NDF : 859215.4/5

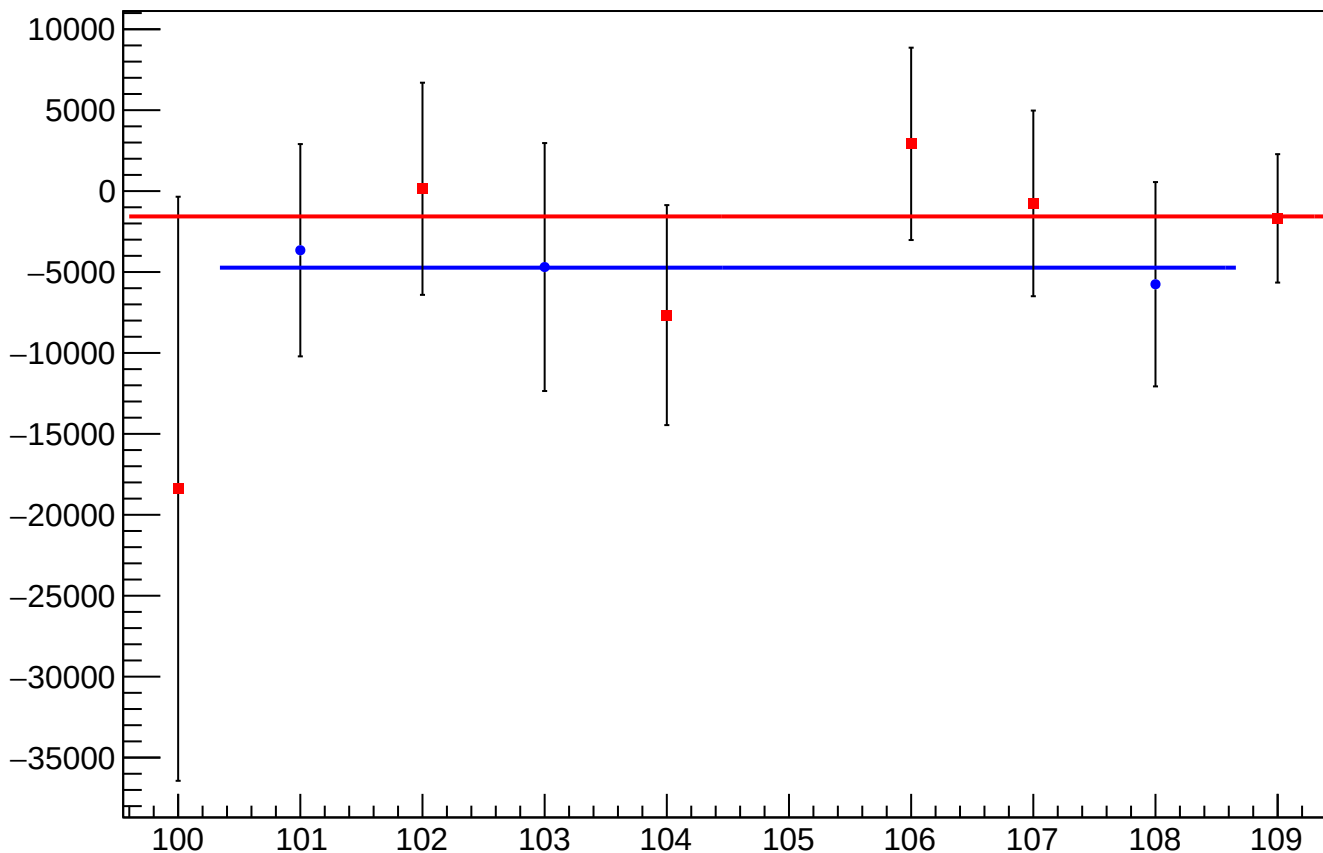
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2657.790+/-1.054 χ^2/NDF : 1579292.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



Right In: -4730.369+/-3910.578 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1565.481+/-2423.548 χ^2/NDF : 2.3/5

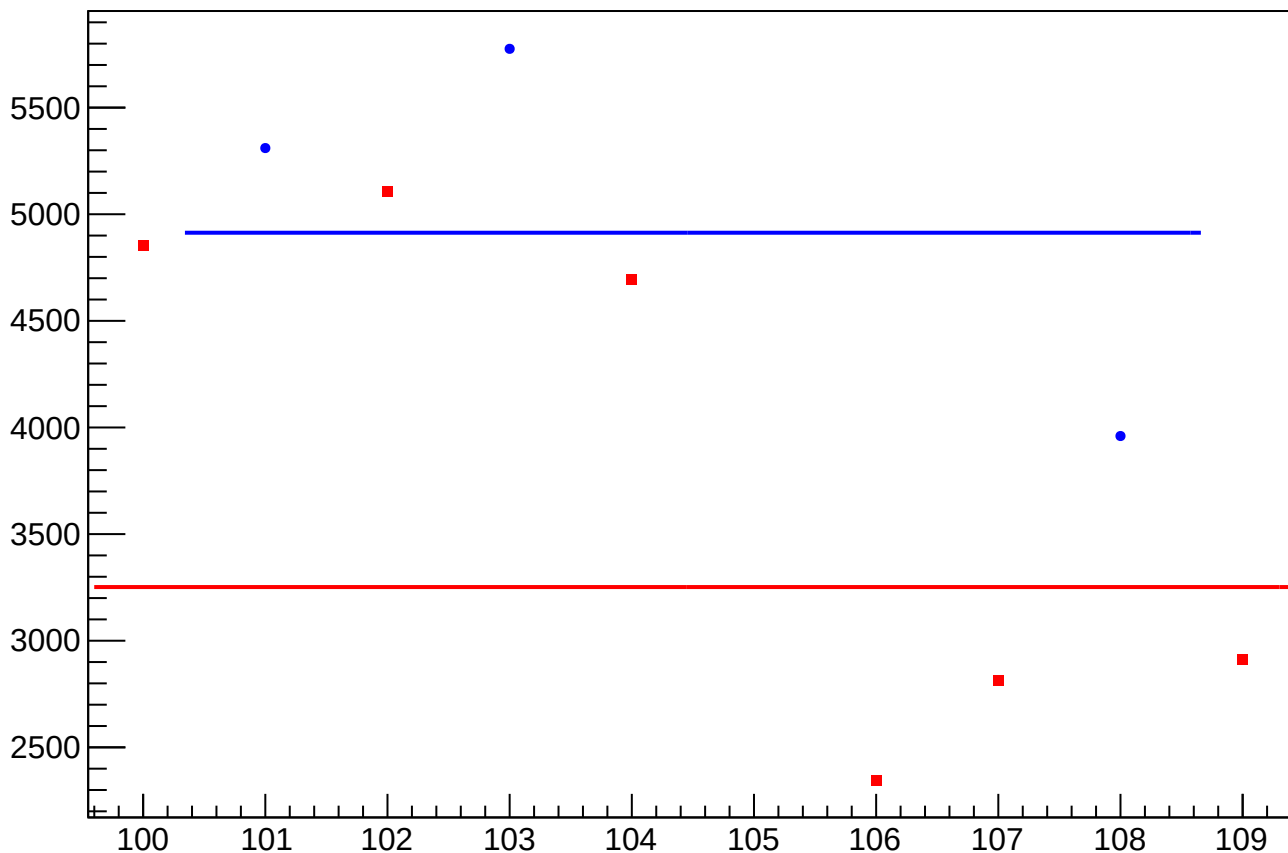
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2443.732+/-2060.018 χ^2/NDF : 2.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_rms vs Slug



Right In: 4913.327+/-2.765 χ^2/NDF : 78310.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3251.695+/-1.618 χ^2/NDF : 373024.6/5

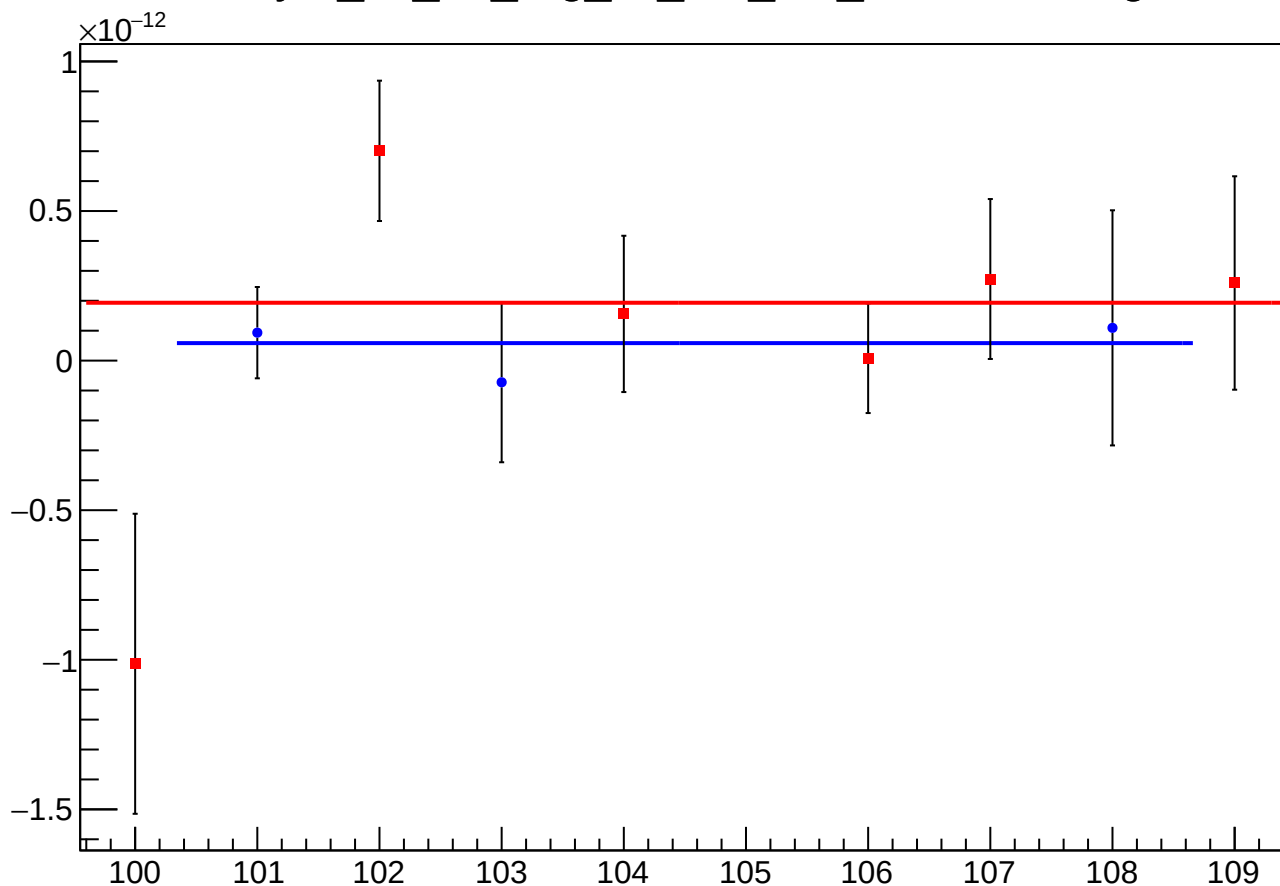
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3675.571+/-1.397 χ^2/NDF : 720322.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/5

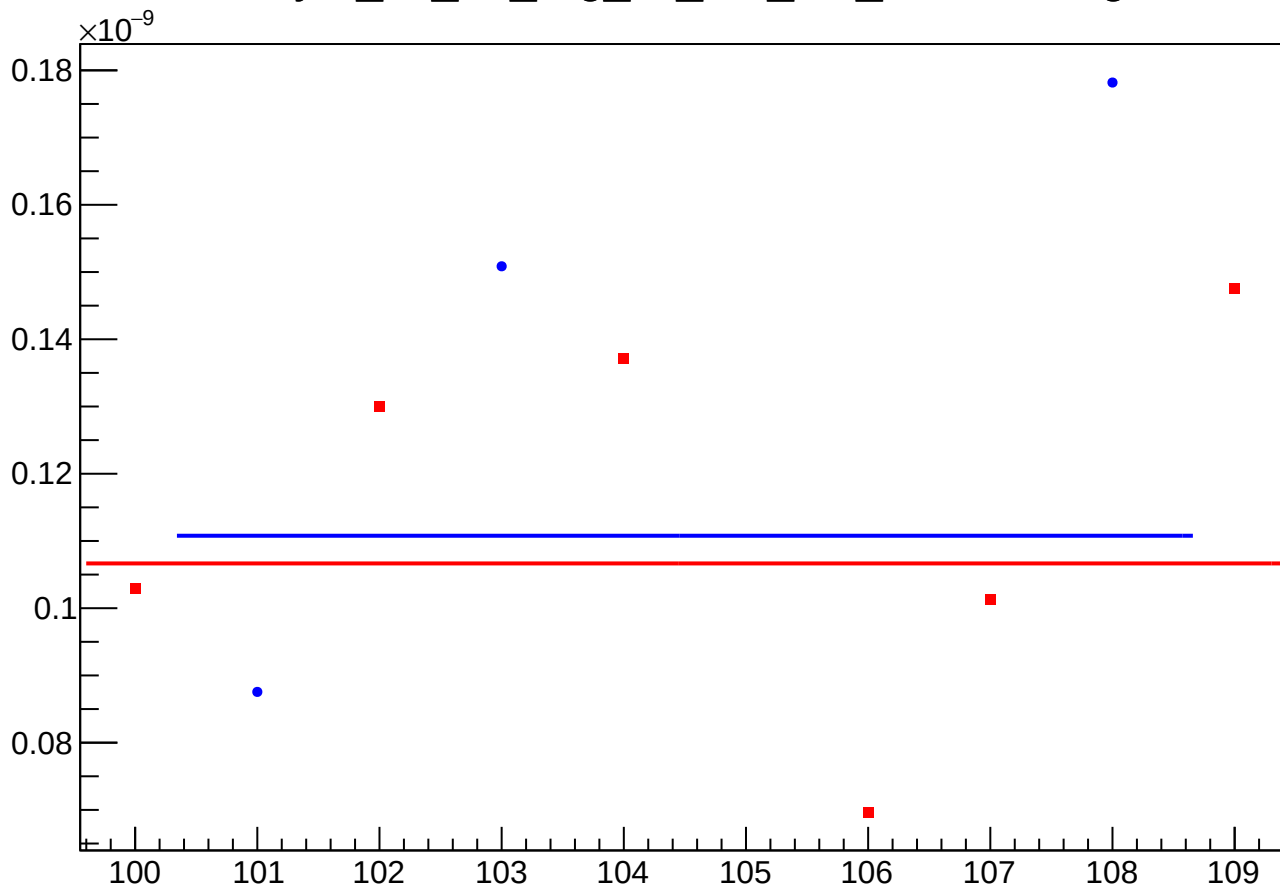
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 150085.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 156334.1/5

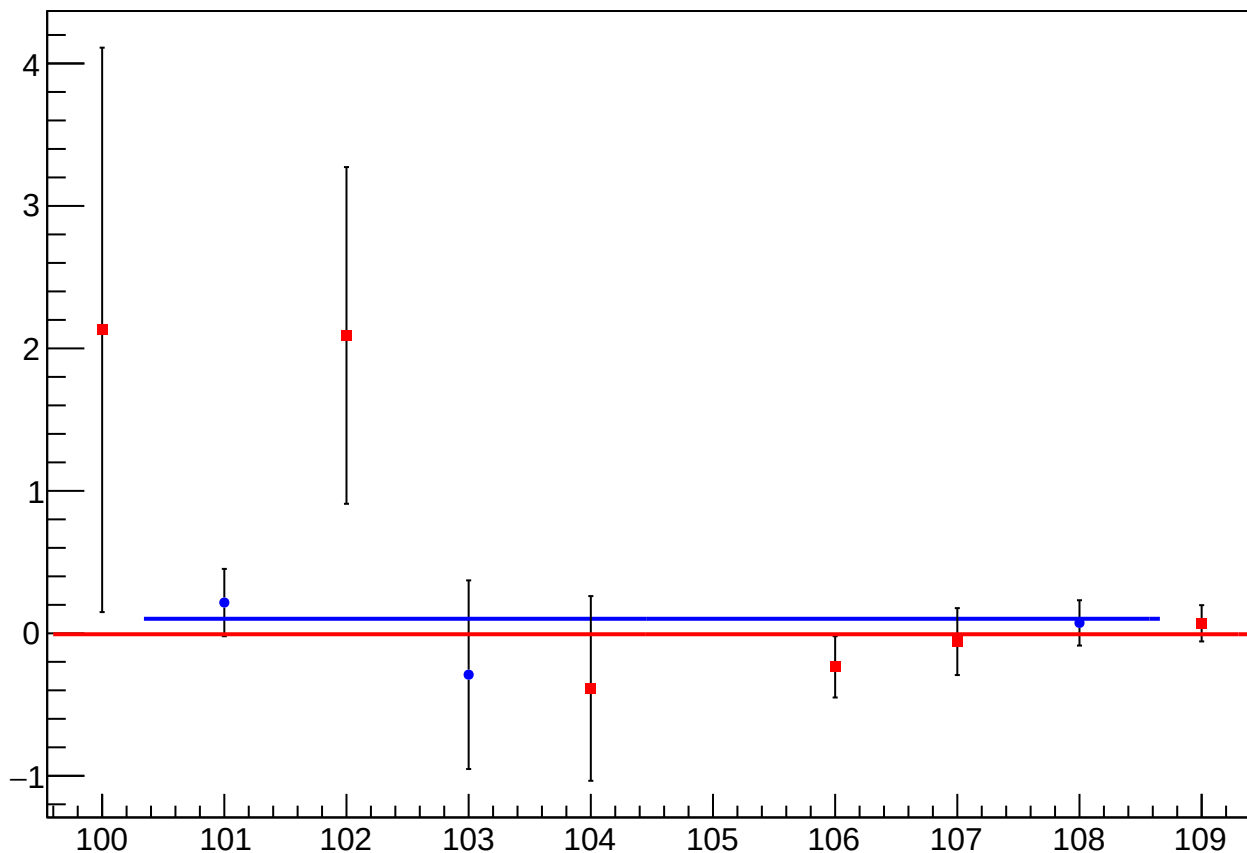
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 307671.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5

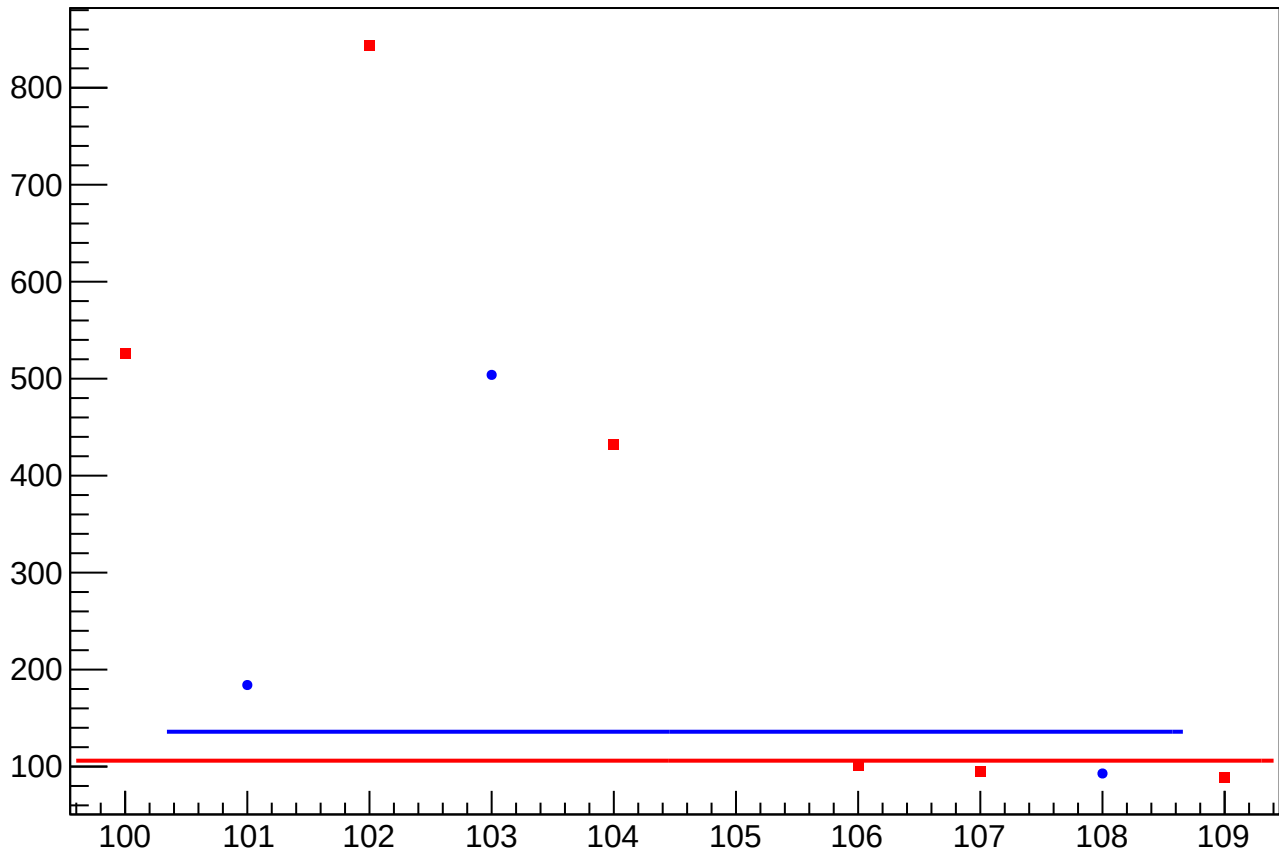
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.078 χ^2 /NDF: 7.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 135.928 $\pm$ 0.091 χ^2 /NDF: 847651.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.084 $\pm$ 0.069 χ^2 /NDF: 1419314.6/5

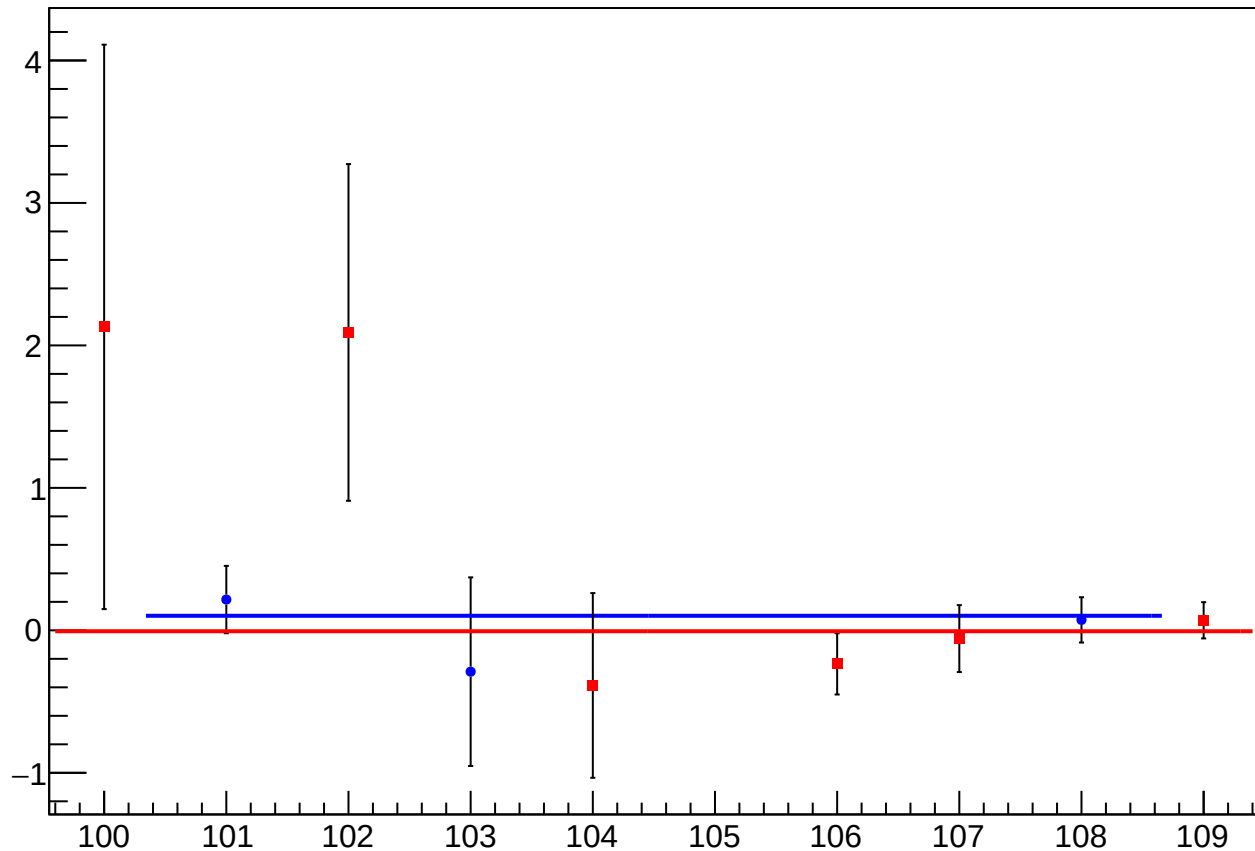
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.911 $\pm$ 0.055 χ^2 /NDF: 2334766.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5

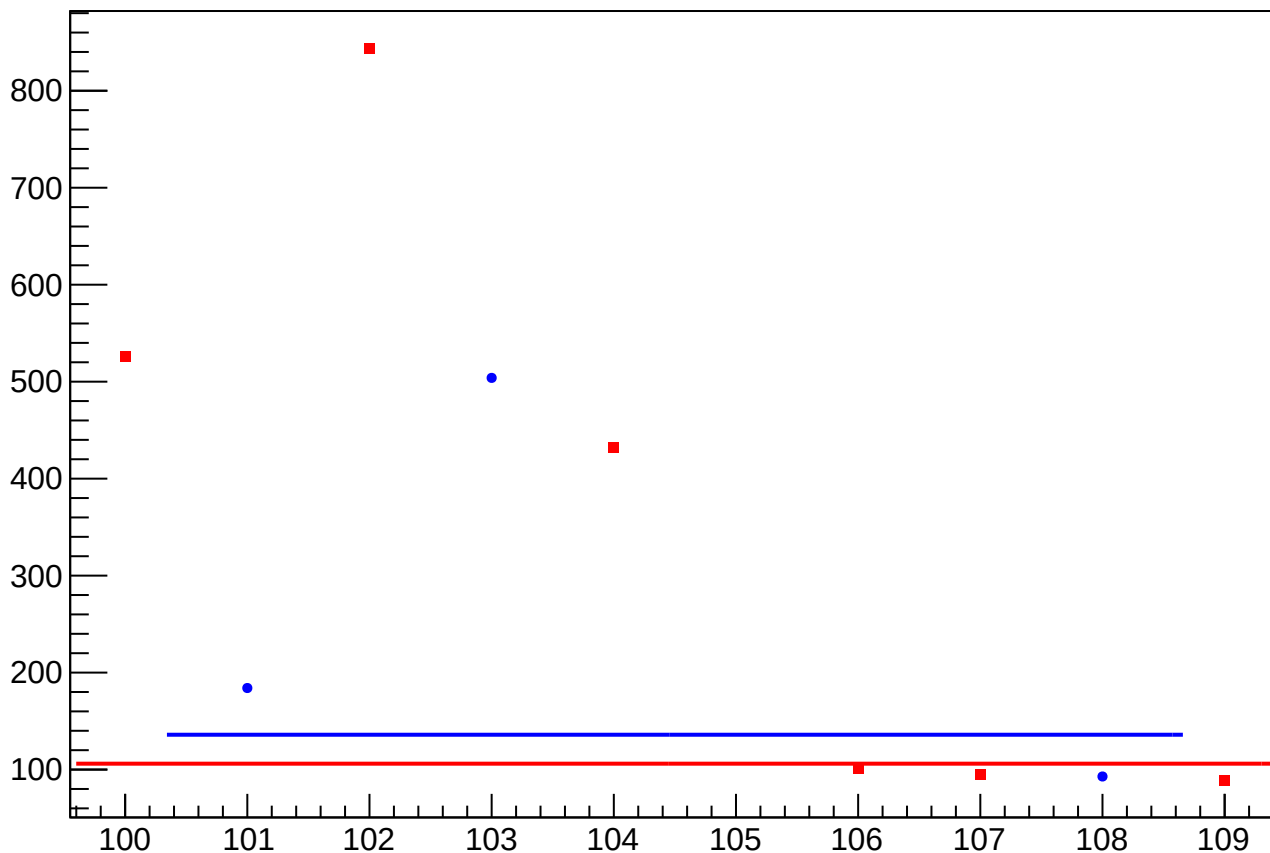
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.078 χ^2 /NDF: 7.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 135.928 $\pm$ 0.091 χ^2 /NDF: 847651.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.084 $\pm$ 0.069 χ^2 /NDF: 1419314.6/5

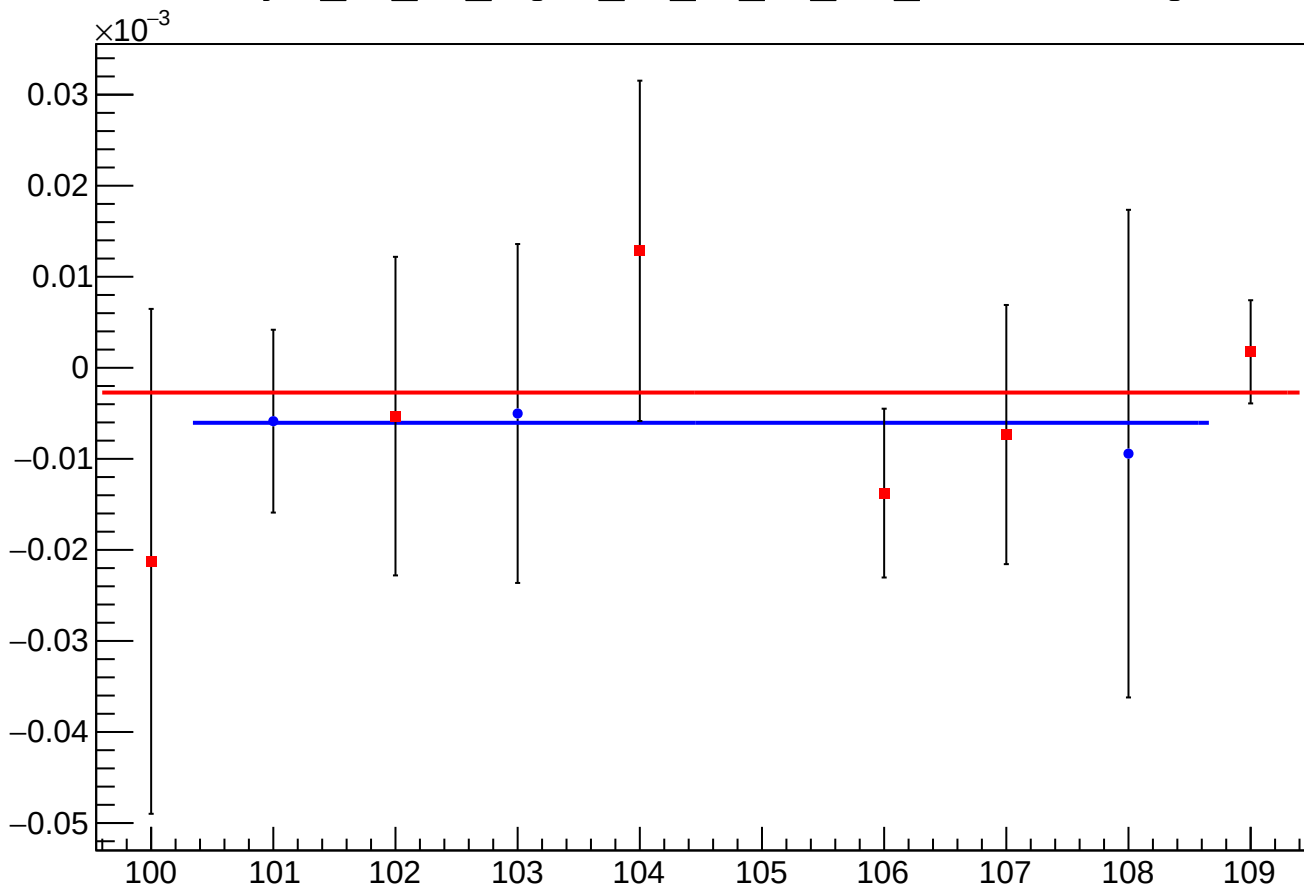
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.911 $\pm$ 0.055 χ^2 /NDF: 2334766.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

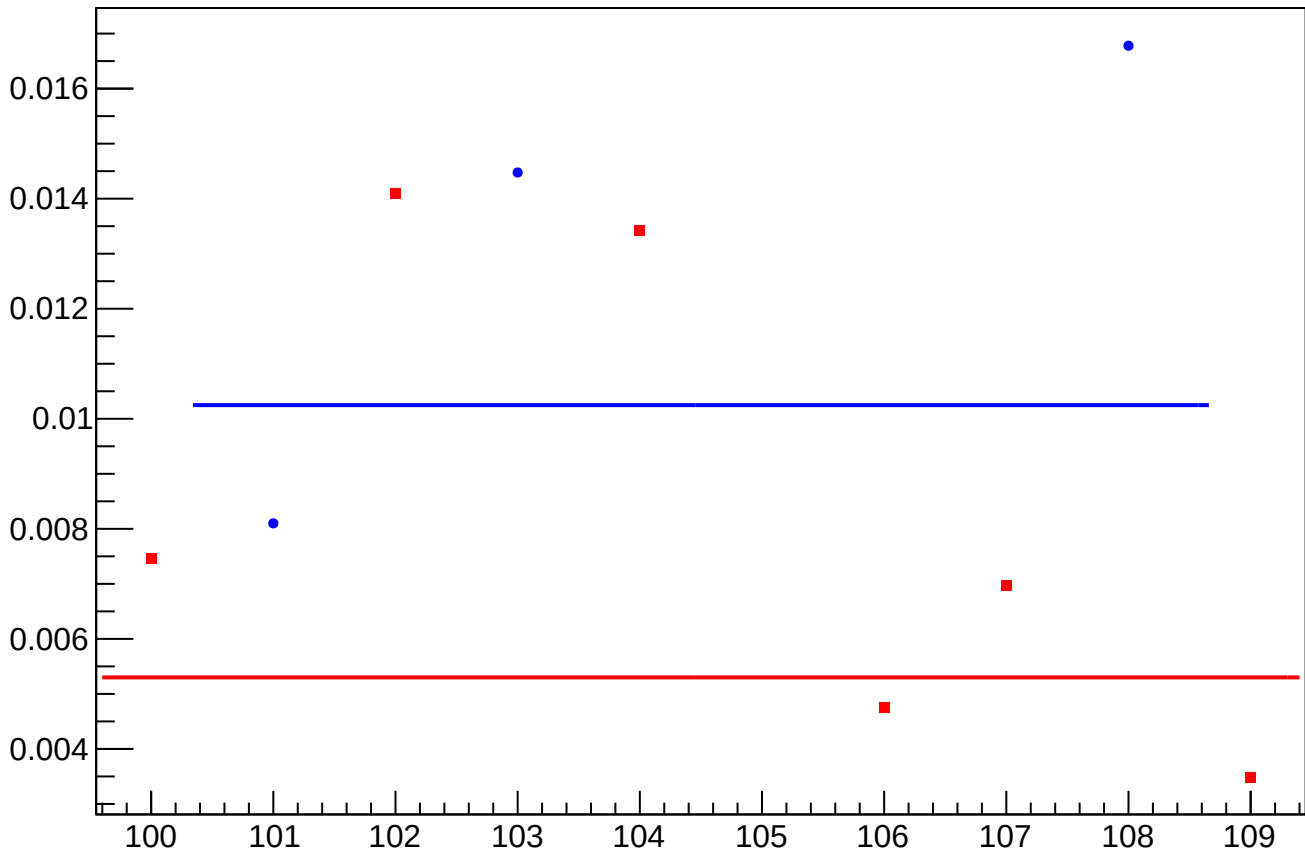
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 313742.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1136682.4/5

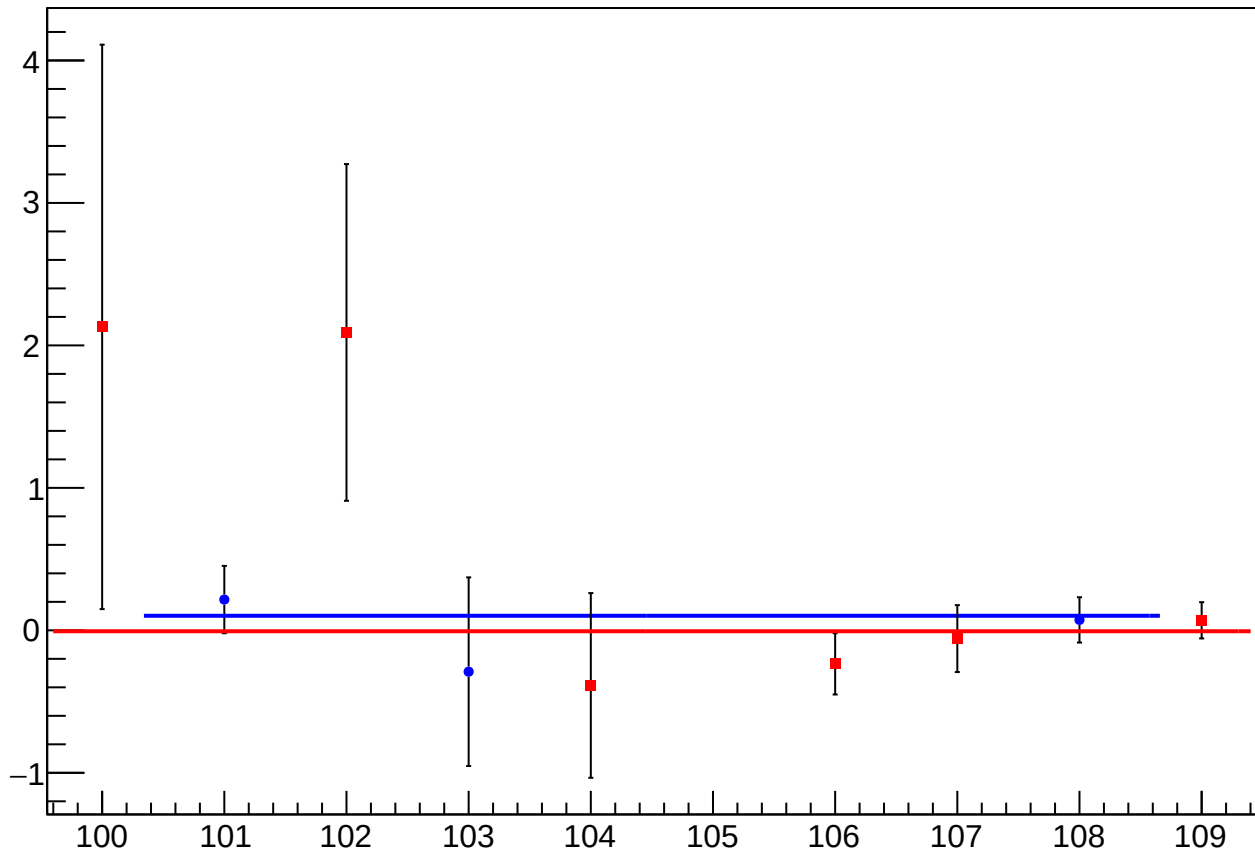
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2003384.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5

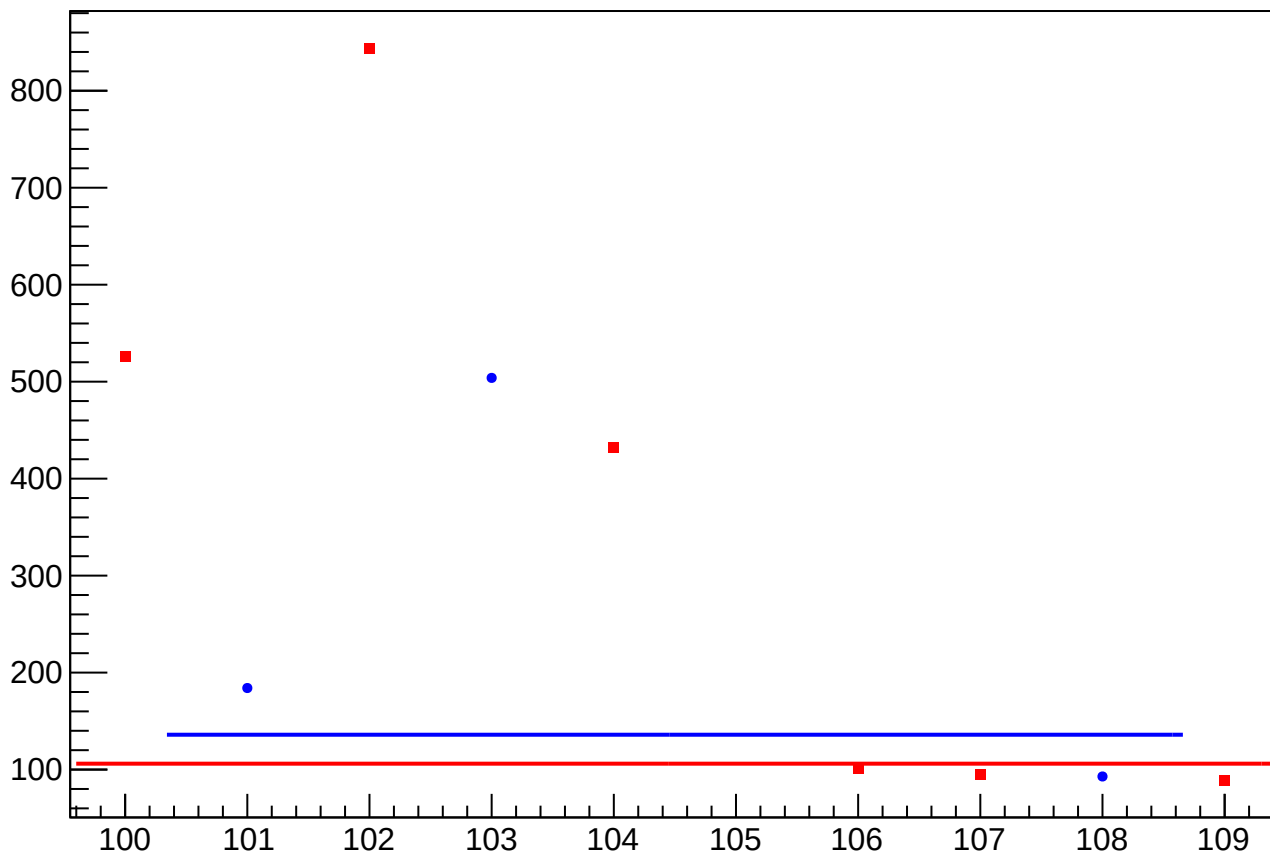
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.078 χ^2 /NDF: 7.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 135.939 $\pm$ 0.091 χ^2 /NDF: 847552.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.085 $\pm$ 0.069 χ^2 /NDF: 1419300.3/5

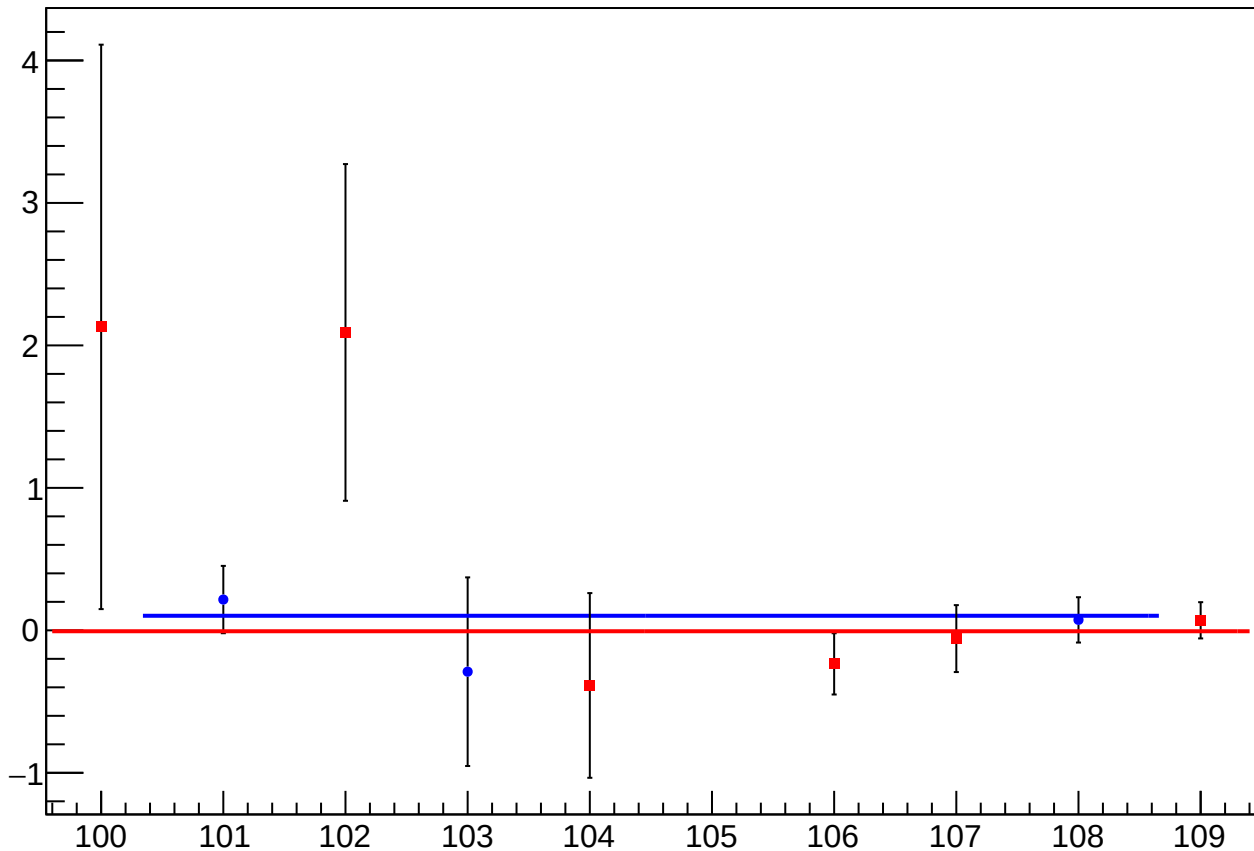
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.915 $\pm$ 0.055 χ^2 /NDF: 2334690.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.102 $\pm$ 0.129 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.006 $\pm$ 0.098 χ^2 /NDF: 6.2/5

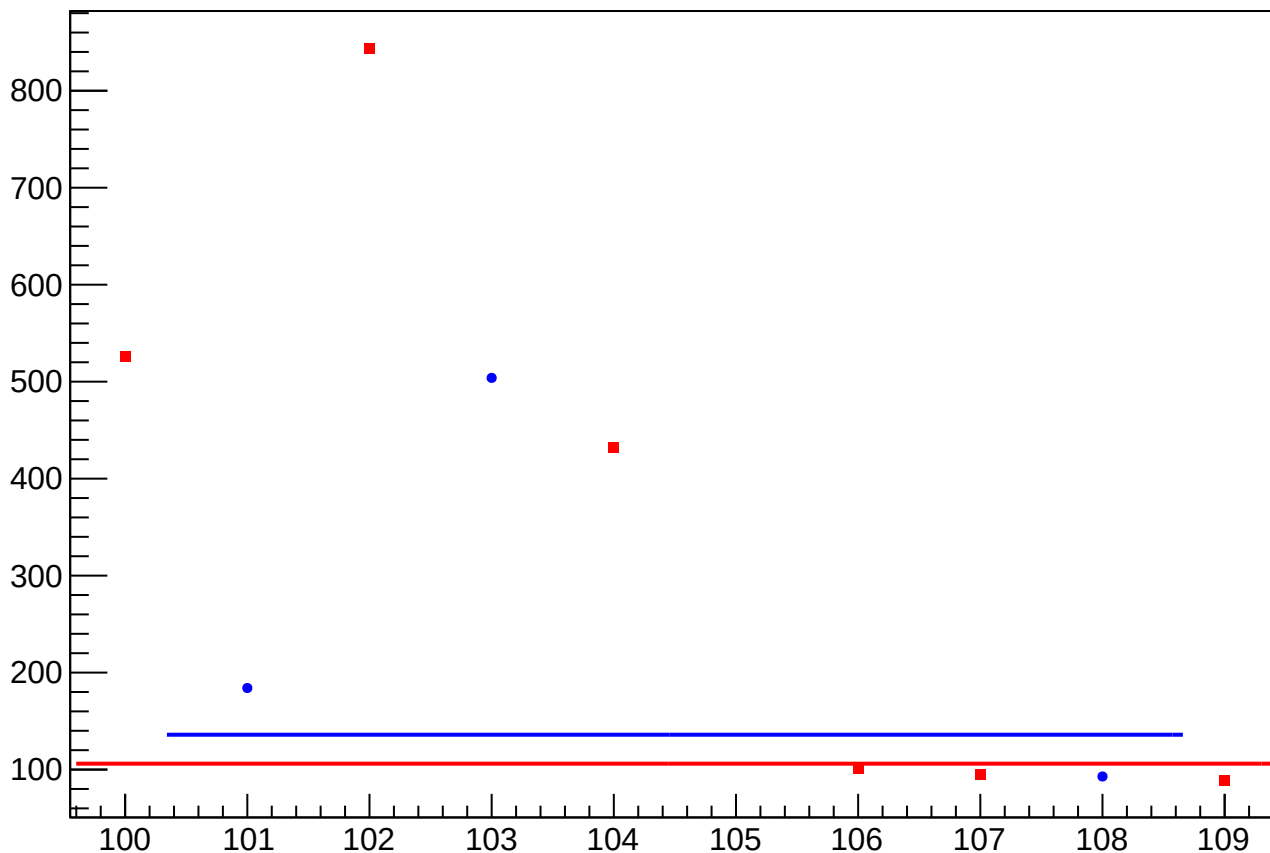
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.078 χ^2 /NDF: 7.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 135.939 $\pm$ 0.091 χ^2 /NDF: 847552.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.085 $\pm$ 0.069 χ^2 /NDF: 1419300.3/5

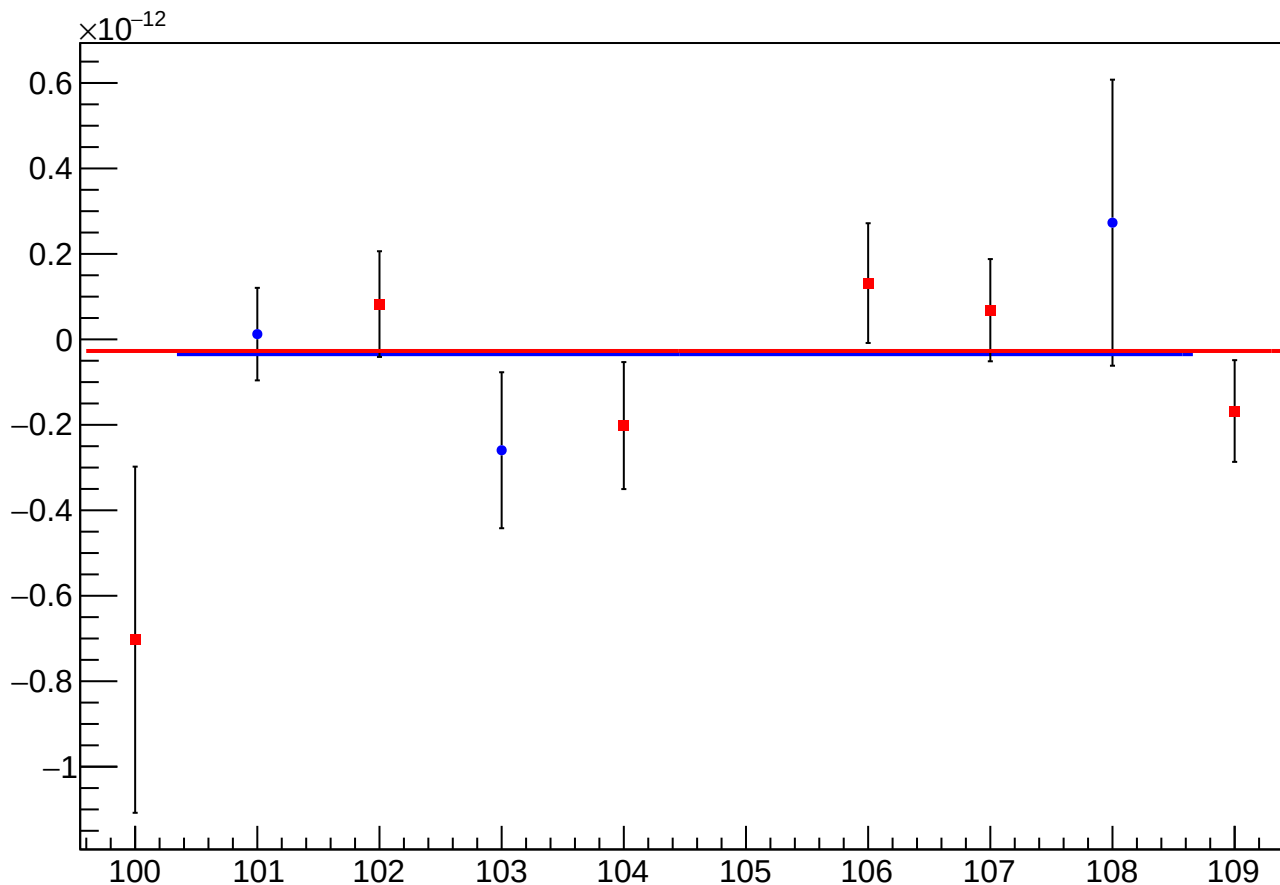
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.915 $\pm$ 0.055 χ^2 /NDF: 2334690.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.3/5

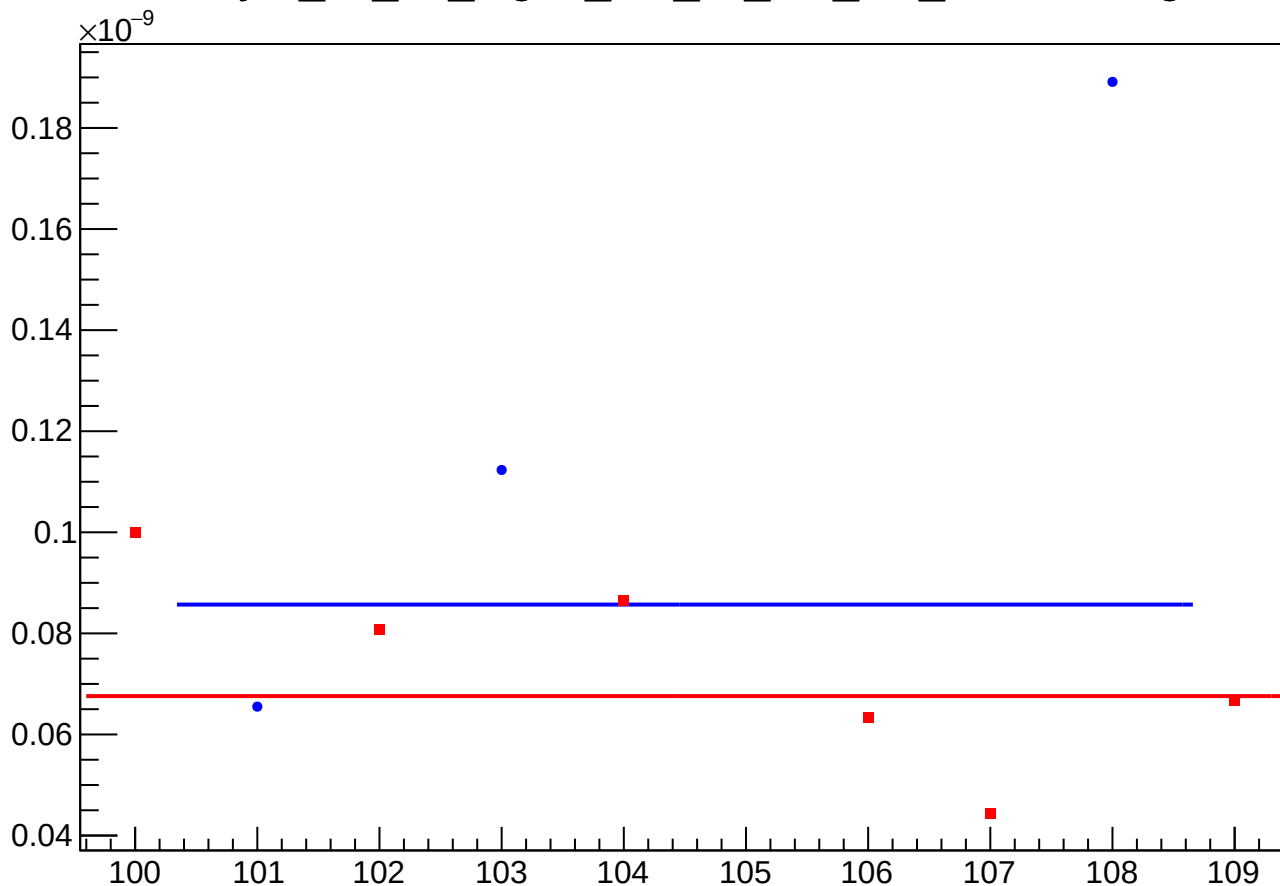
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 10.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 303099.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 144794.2/5

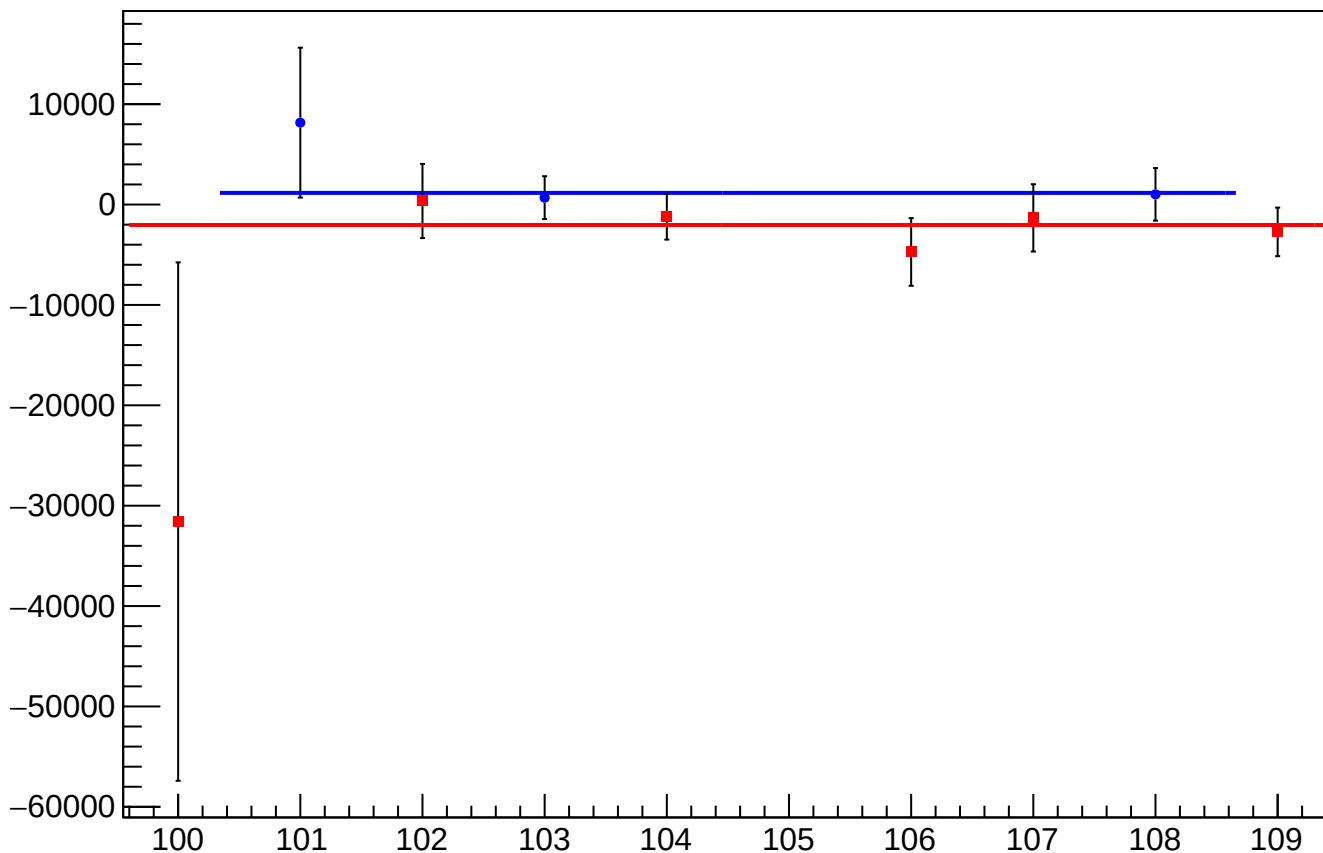
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 505983.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 1160.312+/-1615.490 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2038.028+/-1277.233 χ^2/NDF : 2.6/5

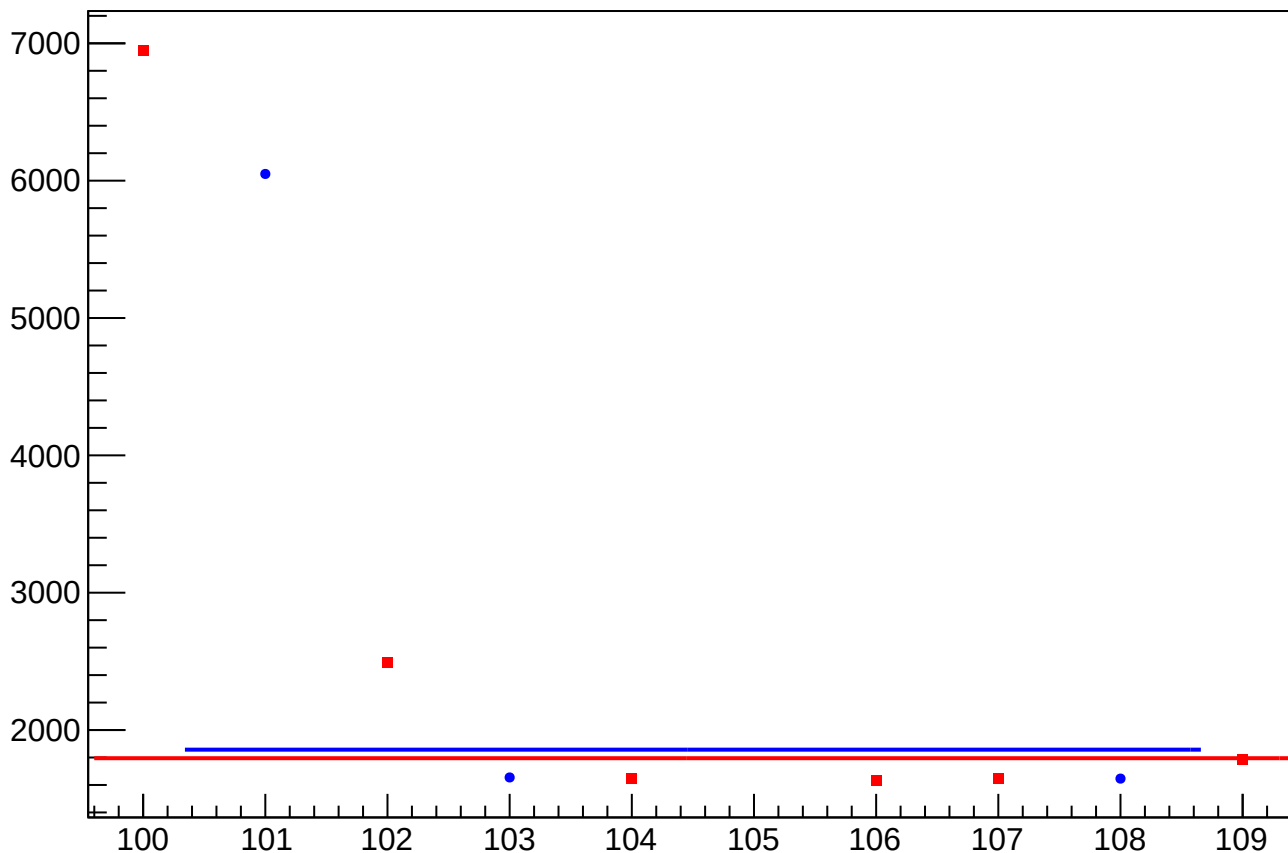
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -807.807+/-1001.921 χ^2/NDF : 6.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_rms vs Slug



Right In: 1857.157+/-1.142 χ^2/NDF : 660926.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1794.878+/-0.893 χ^2/NDF : 167885.6/5

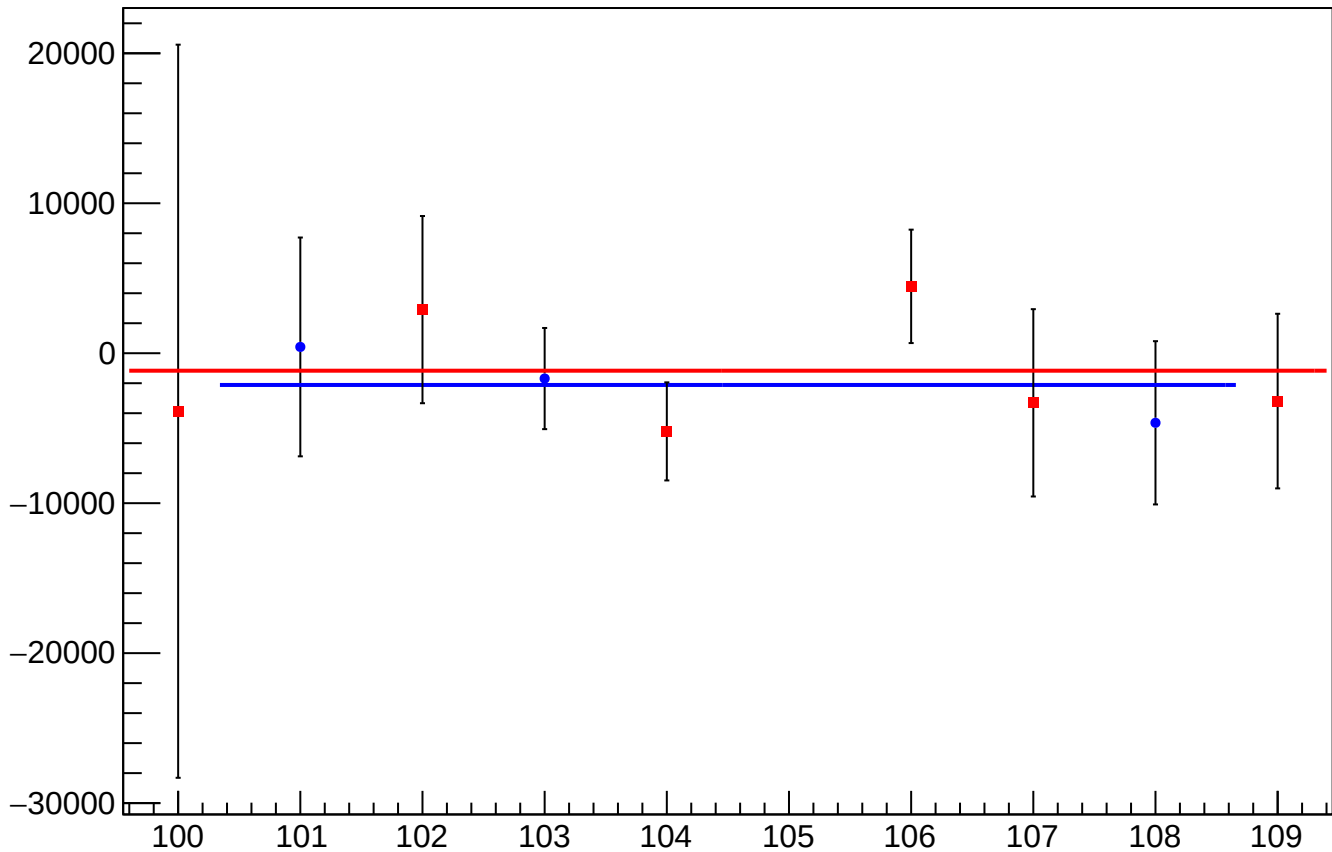
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1818.506+/-0.704 χ^2/NDF : 830656.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



Right In: -2116.448+/-2668.420 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1165.471+/-2016.368 χ^2/NDF : 4.4/5

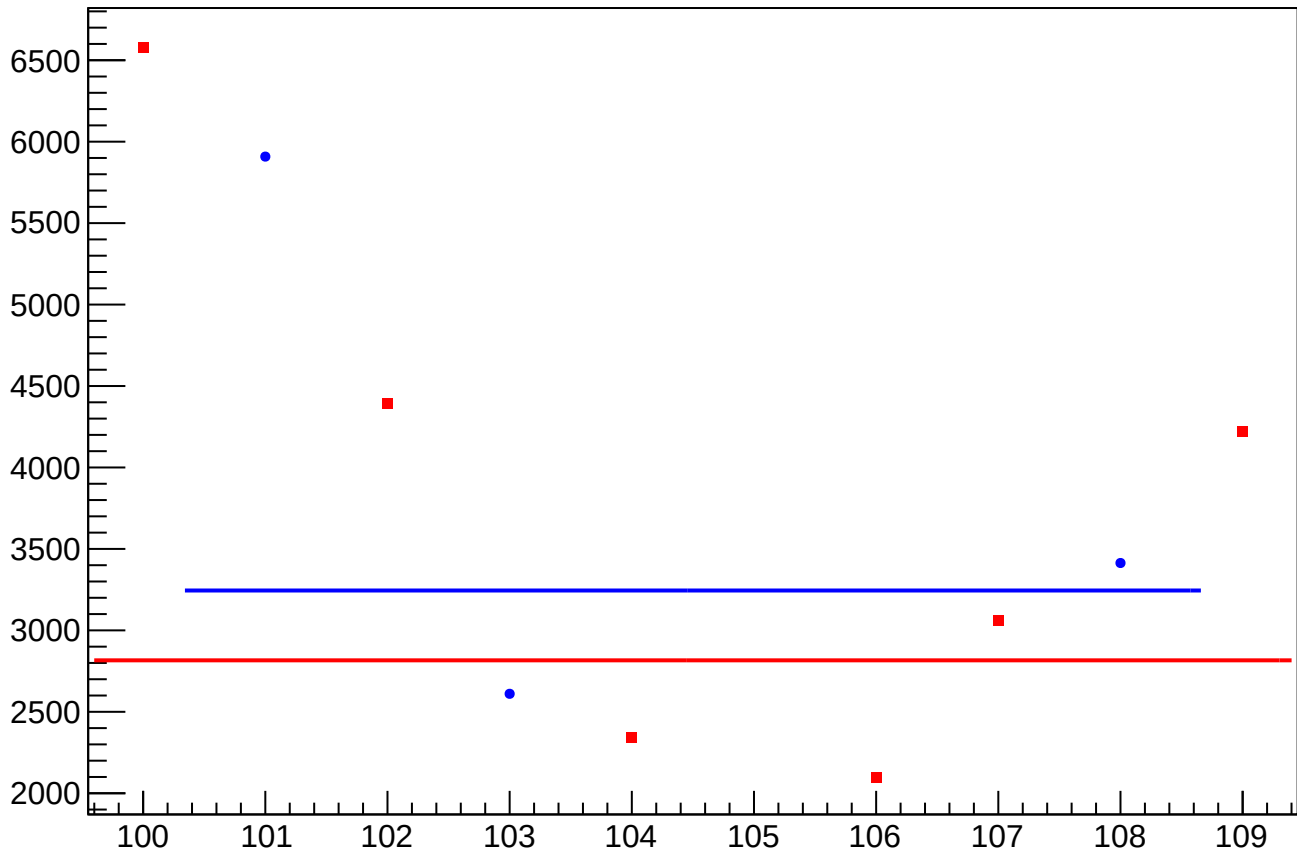
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1511.113+/-1608.728 χ^2/NDF : 4.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 3244.730+/-1.887 χ^2/NDF : 339219.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2816.030+/-1.426 χ^2/NDF : 409015.5/5

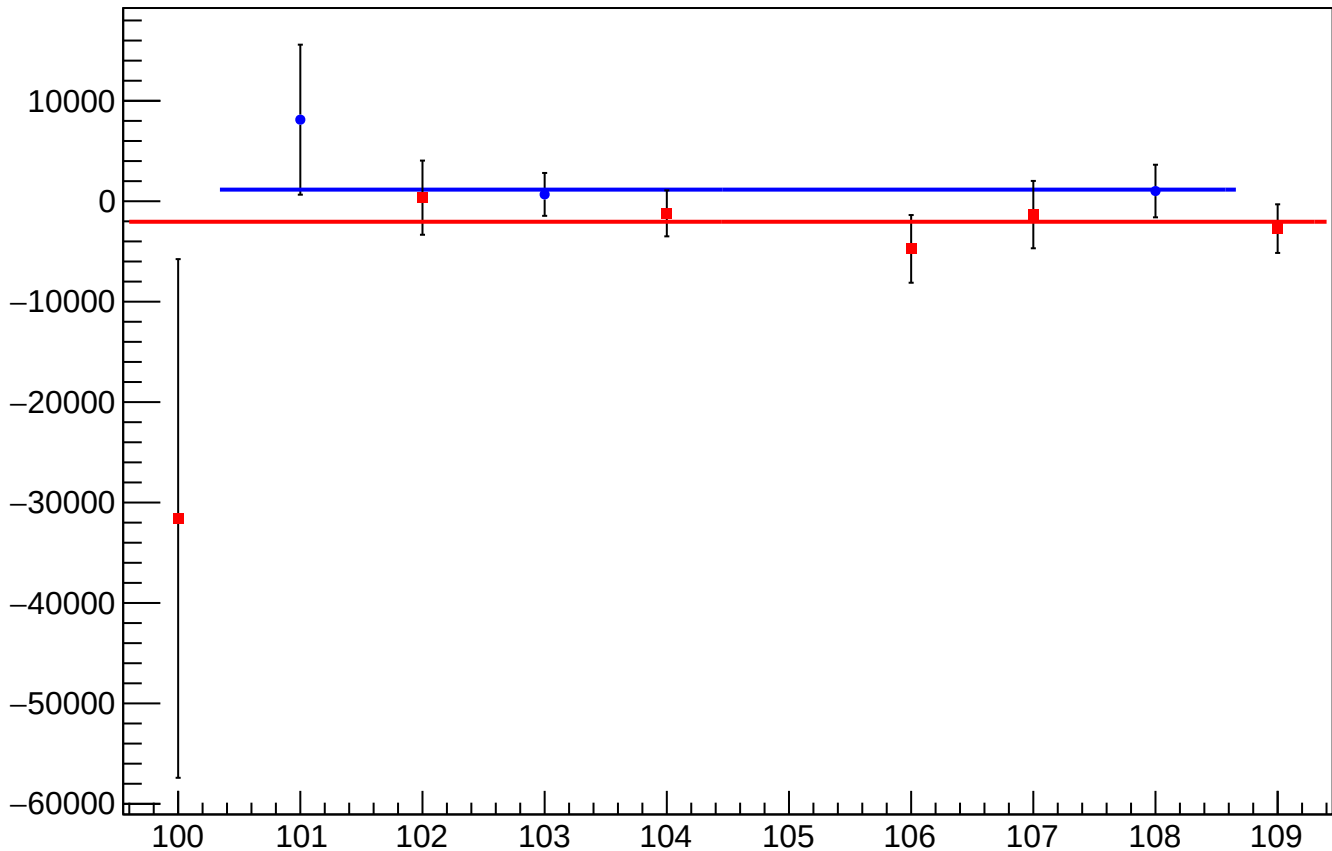
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2971.845+/-1.138 χ^2/NDF : 781093.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_avg_mean vs Slug



Right In: 1157.062 $\pm$ 1615.493 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2042.275 $\pm$ 1277.258 χ^2 /NDF: 2.6/5

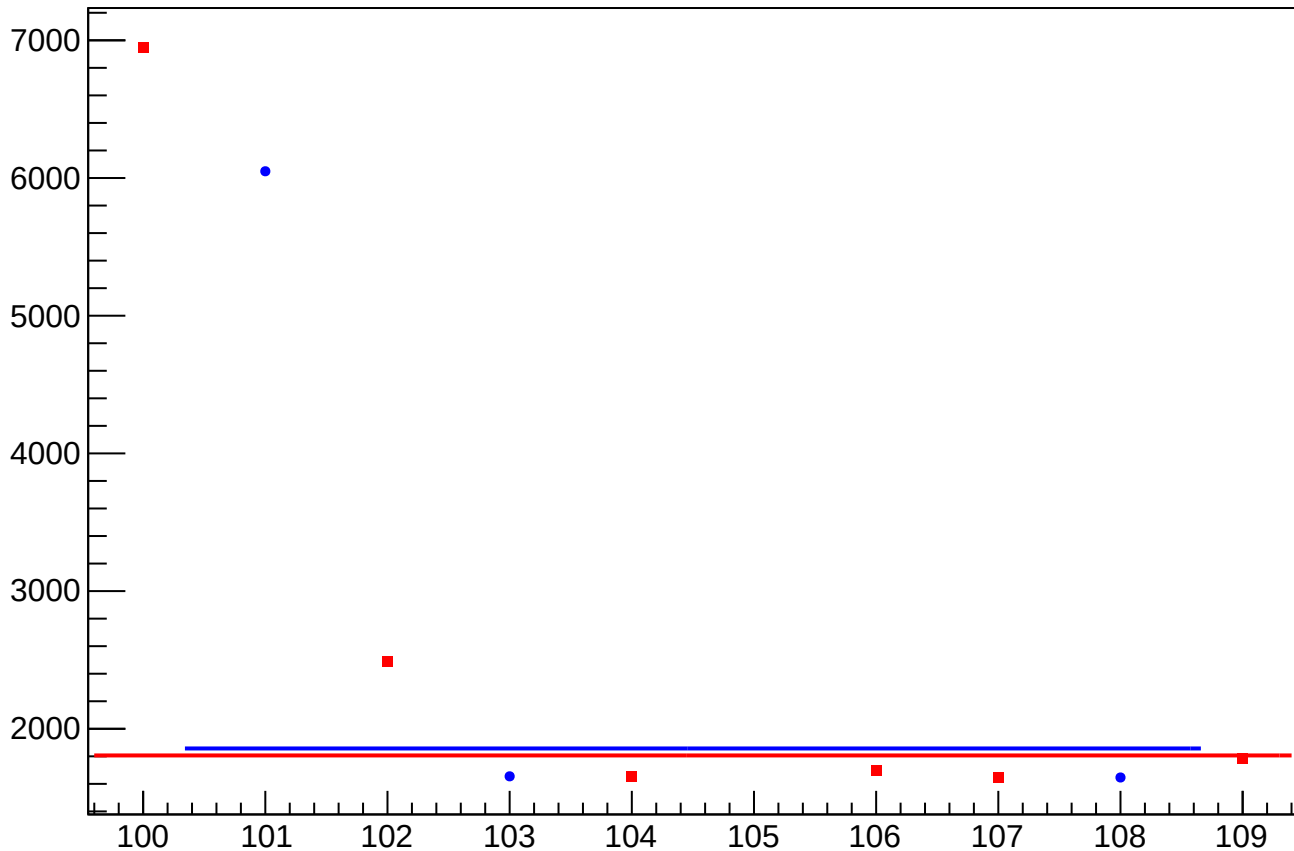
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -811.644 $\pm$ 1001.934 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_avg_rms vs Slug



Right In: 1857.159+/-1.142 χ^2/NDF : 660926.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.486+/-0.899 χ^2/NDF : 164203.6/5

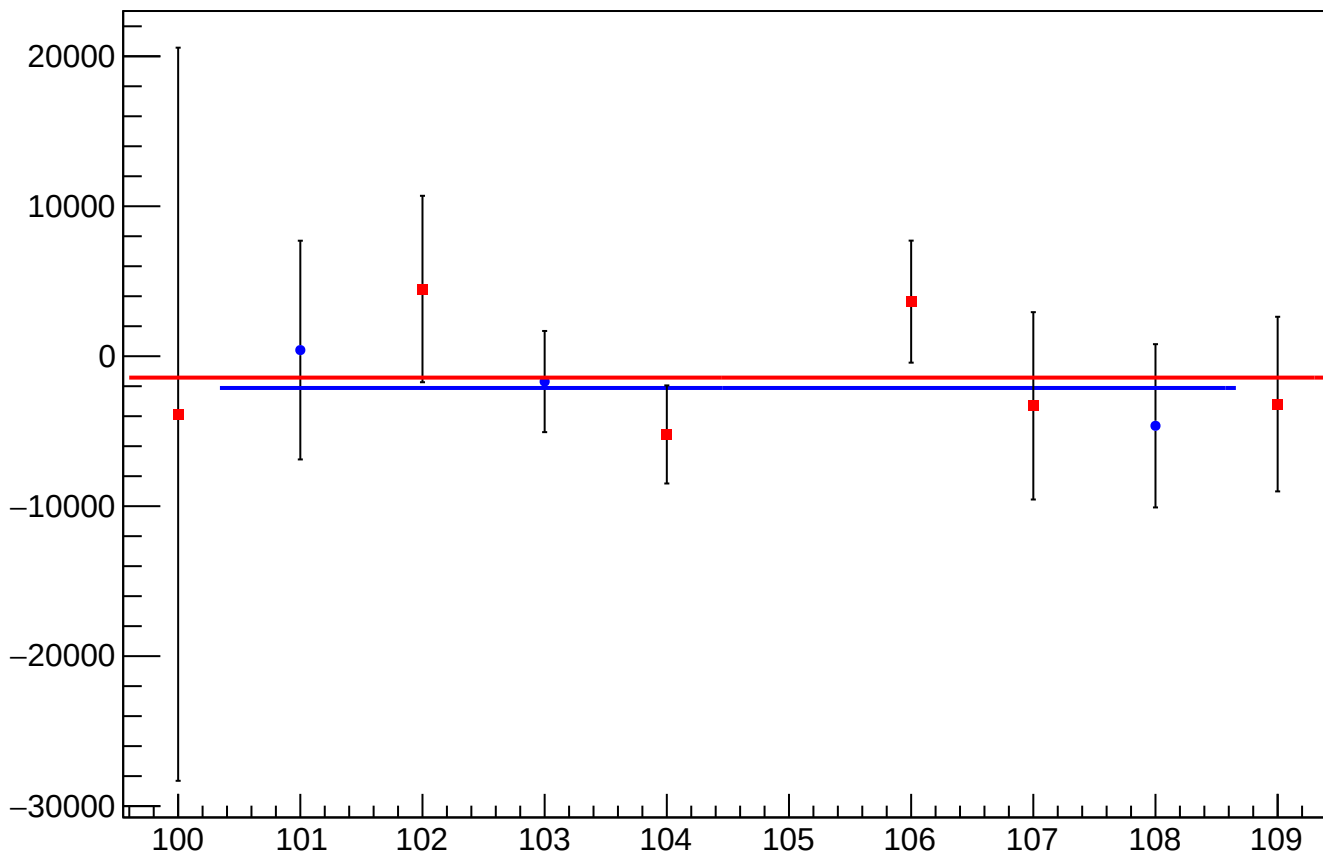
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.855+/-0.706 χ^2/NDF : 826345.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_mean vs Slug



Right In: -2117.611+/-2668.432 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1426.364+/-2055.746 χ^2/NDF : 4.0/5

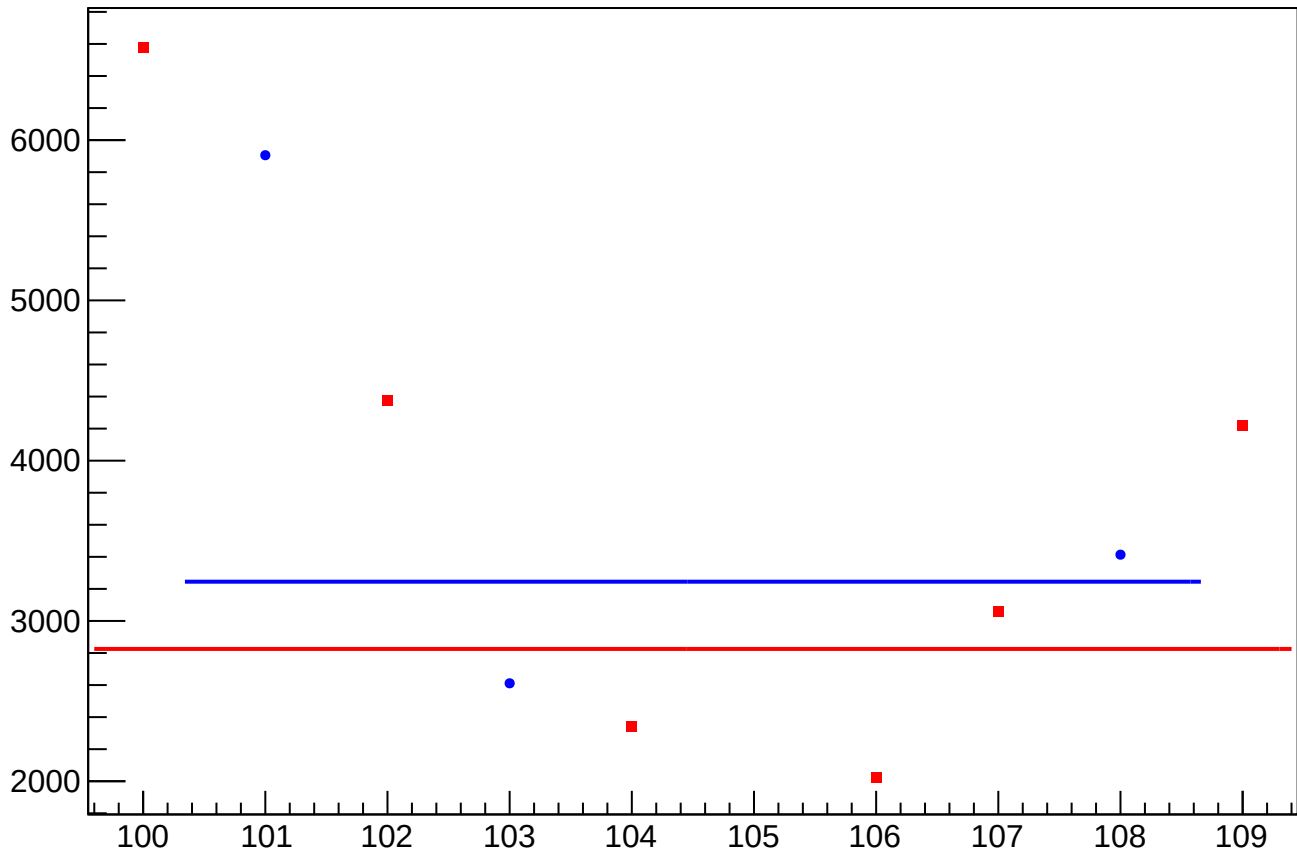
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1683.822+/-1628.517 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



Right In: 3244.983+/-1.887 χ^2/NDF : 338842.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2825.422+/-1.454 χ^2/NDF : 410047.8/5

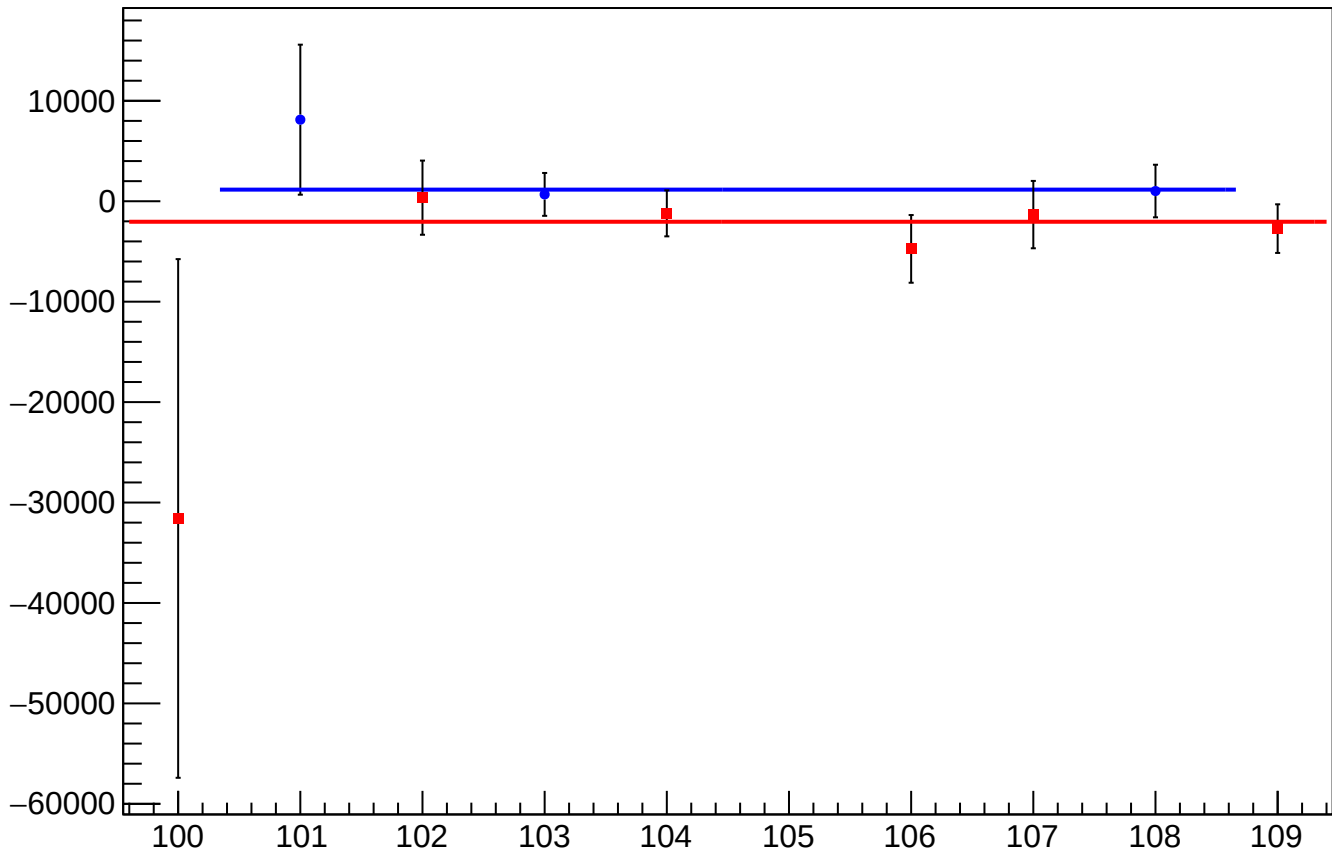
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2981.689+/-1.152 χ^2/NDF : 779917.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_mean vs Slug



Right In: 1157.062 $\pm$ 1615.493 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2042.275 $\pm$ 1277.258 χ^2 /NDF: 2.6/5

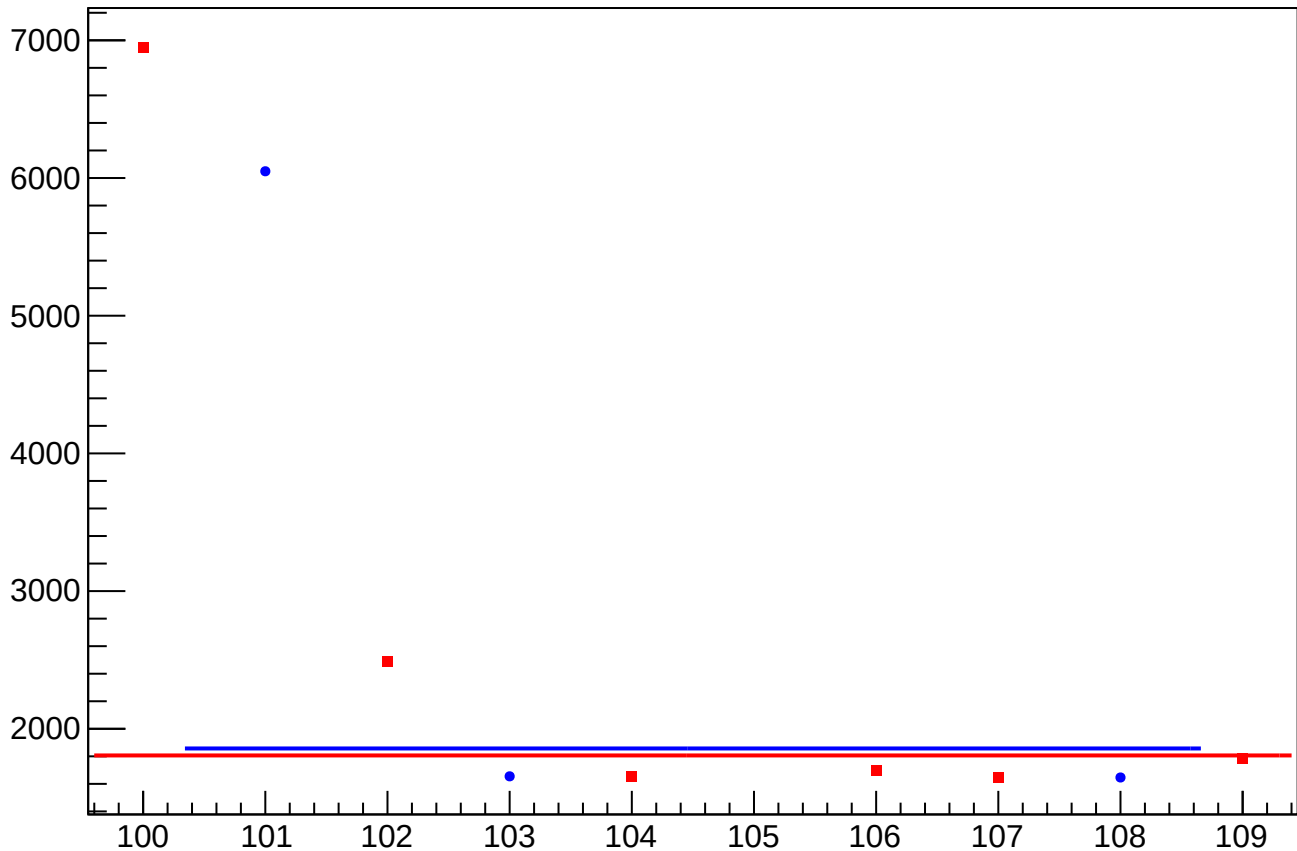
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -811.644 $\pm$ 1001.934 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1857.159+/-1.142 χ^2/NDF : 660926.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.486+/-0.899 χ^2/NDF : 164203.6/5

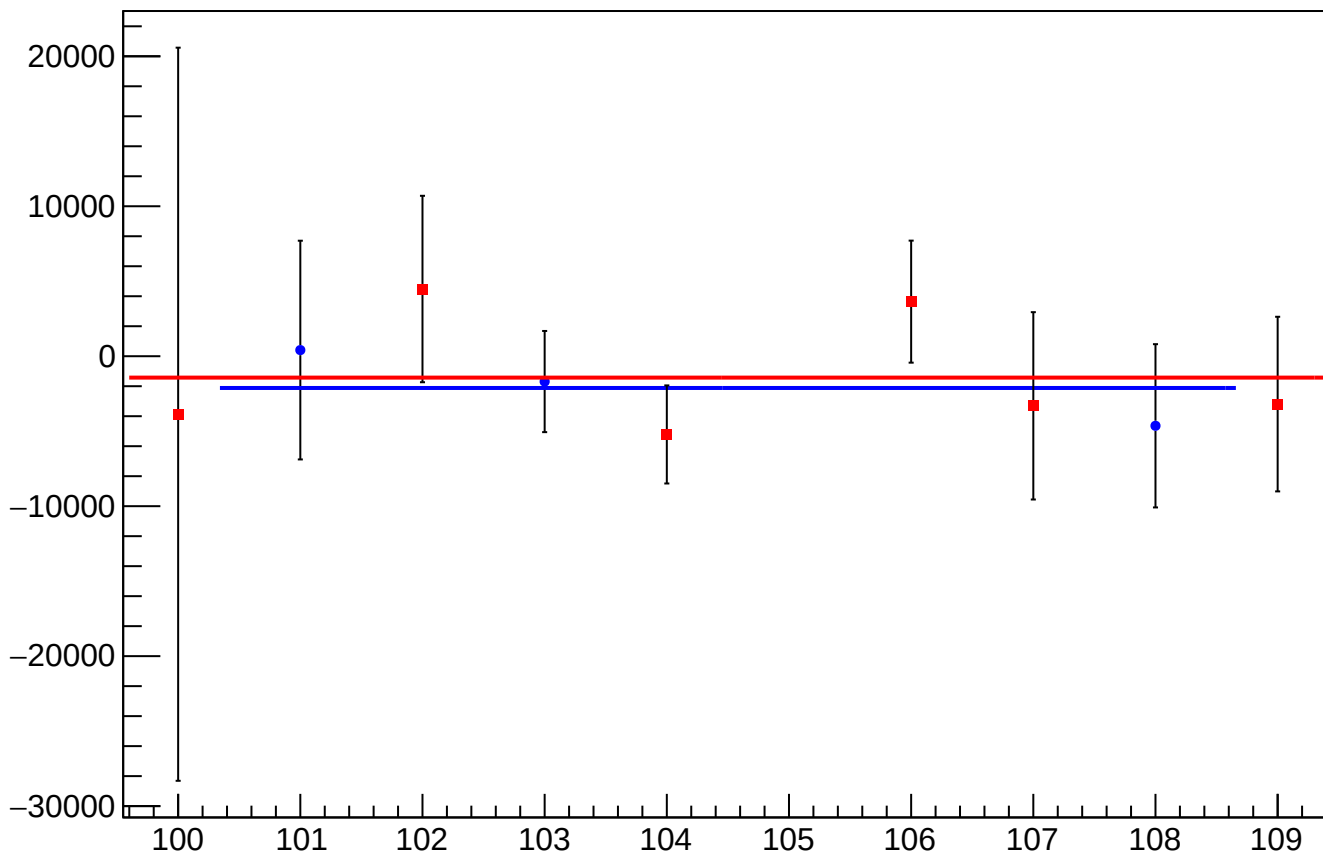
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.855+/-0.706 χ^2/NDF : 826345.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_mean vs Slug



Right In: -2117.611+/-2668.432 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1426.364+/-2055.746 χ^2/NDF : 4.0/5

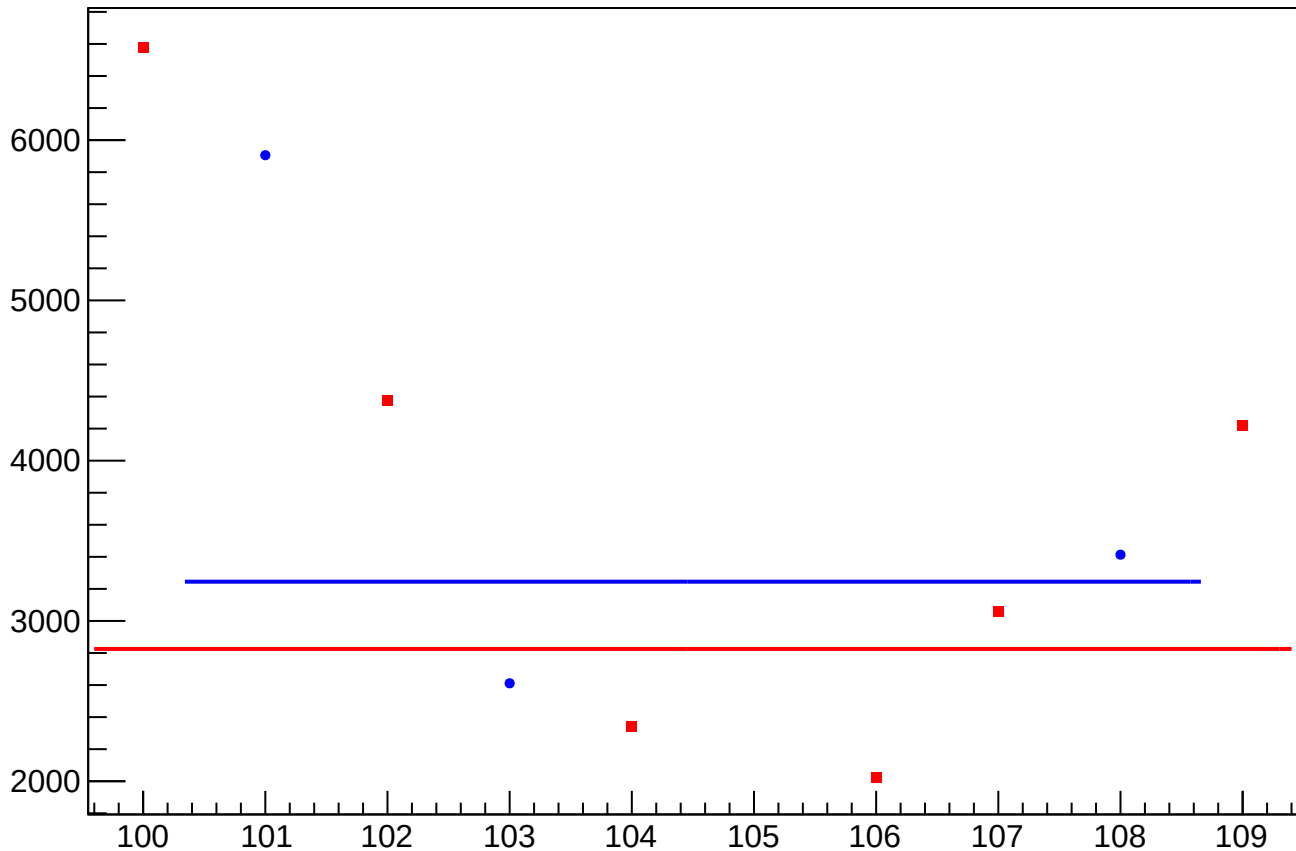
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1683.822+/-1628.517 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 3244.983+/-1.887 χ^2/NDF : 338842.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2825.422+/-1.454 χ^2/NDF : 410047.8/5

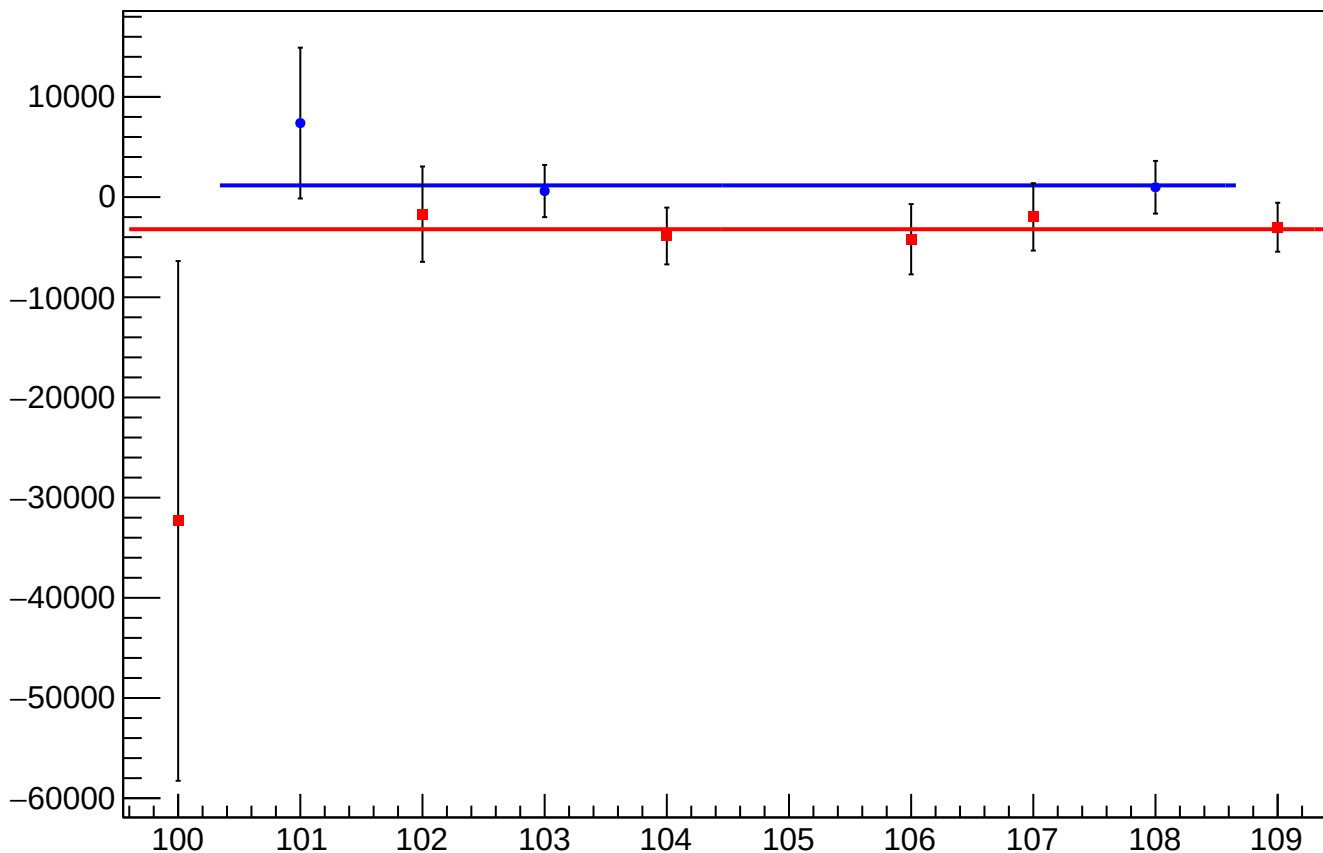
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2981.689+/-1.152 χ^2/NDF : 779917.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_avg_mean vs Slug



Right In: 1167.388 $\pm$ 1797.595 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3207.470 $\pm$ 1404.167 χ^2 /NDF: 1.6/5

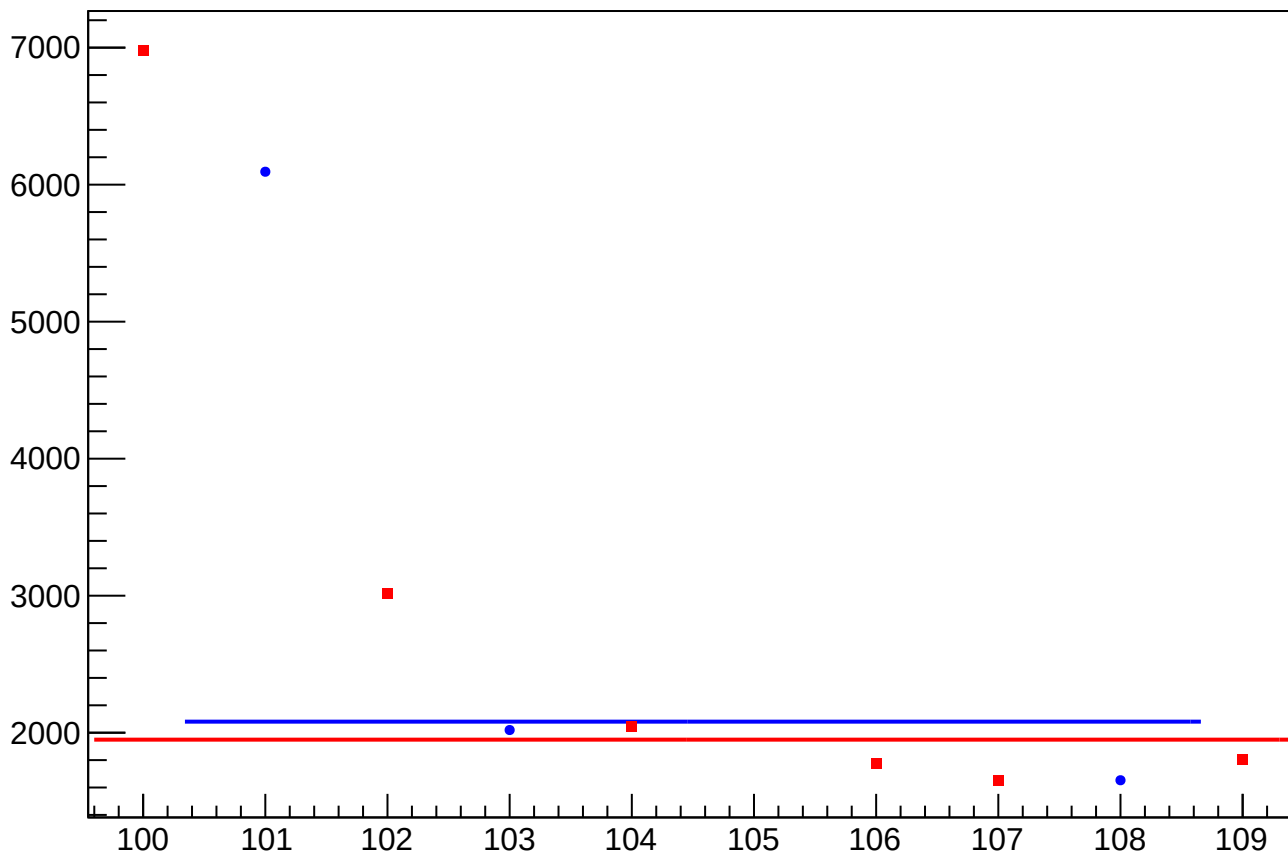
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1549.622 $\pm$ 1106.579 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_avg_rms vs Slug



Right In: 2080.719+/-1.271 χ^2/NDF : 622591.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.333+/-0.990 χ^2/NDF : 206577.5/5

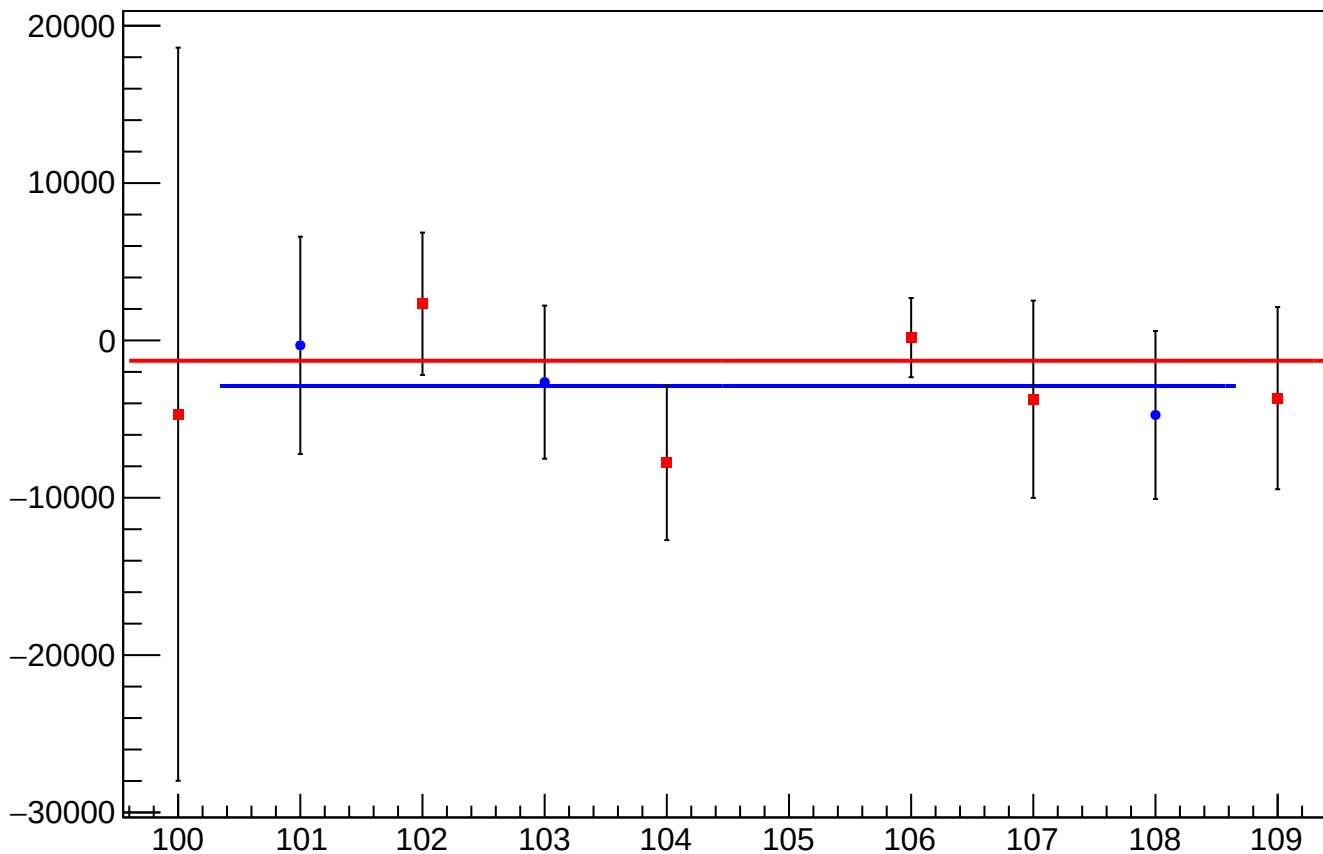
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.924+/-0.781 χ^2/NDF : 835820.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_mean vs Slug



Right In: -2896.669+/-3189.569 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1291.017+/-1809.604 χ^2/NDF : 3.1/5

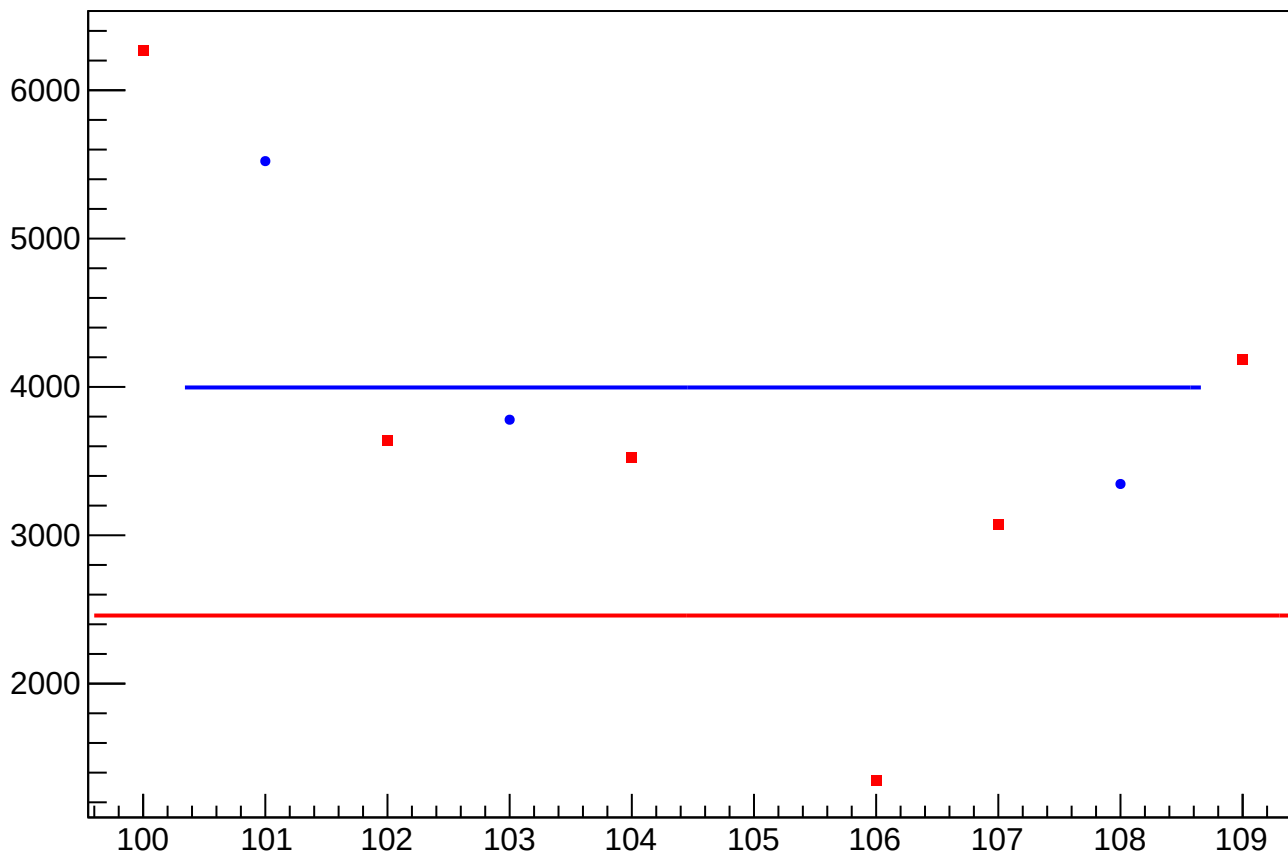
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1682.002+/-1573.933 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_rms vs Slug



Right In: 3996.436 $\pm$ 2.255 χ^2 /NDF: 131349.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2459.104 $\pm$ 1.280 χ^2 /NDF: 870074.0/5

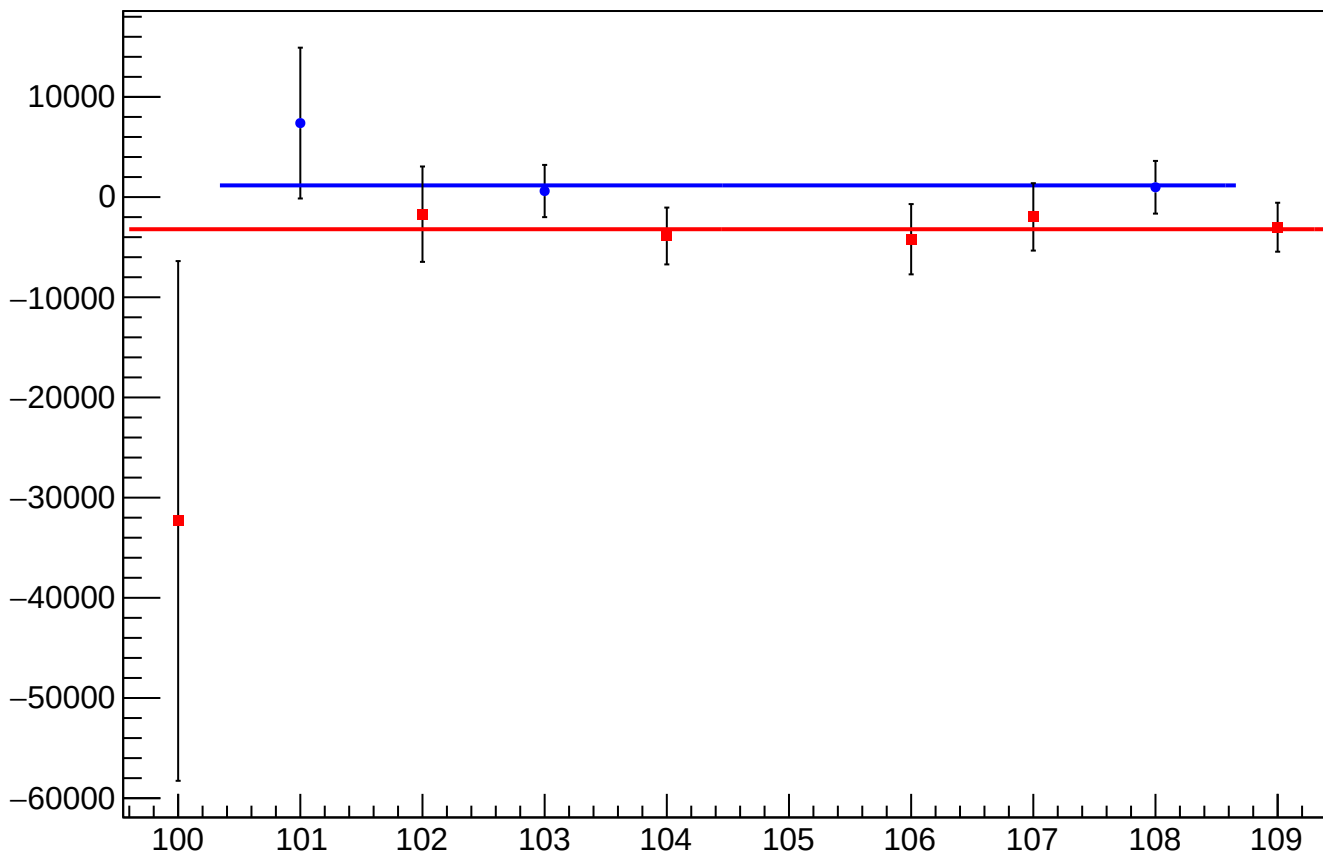
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2833.452 $\pm$ 1.113 χ^2 /NDF: 1352909.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 1167.385 $\pm$ 1797.594 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3207.466 $\pm$ 1404.166 χ^2 /NDF: 1.6/5

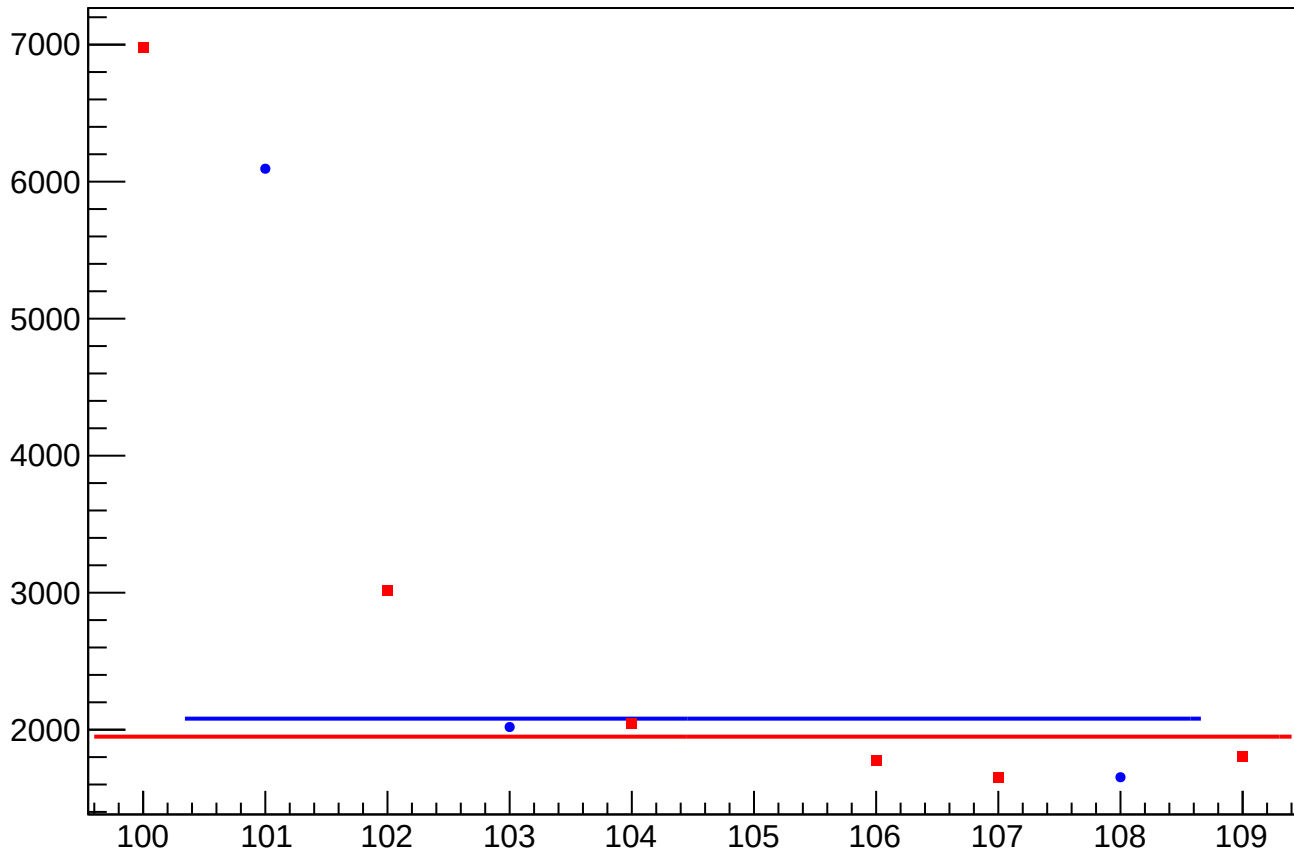
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1549.620 $\pm$ 1106.578 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 2080.718 $\pm$ 1.271 χ^2 /NDF: 622591.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1949.332 $\pm$ 0.990 χ^2 /NDF: 206577.1/5

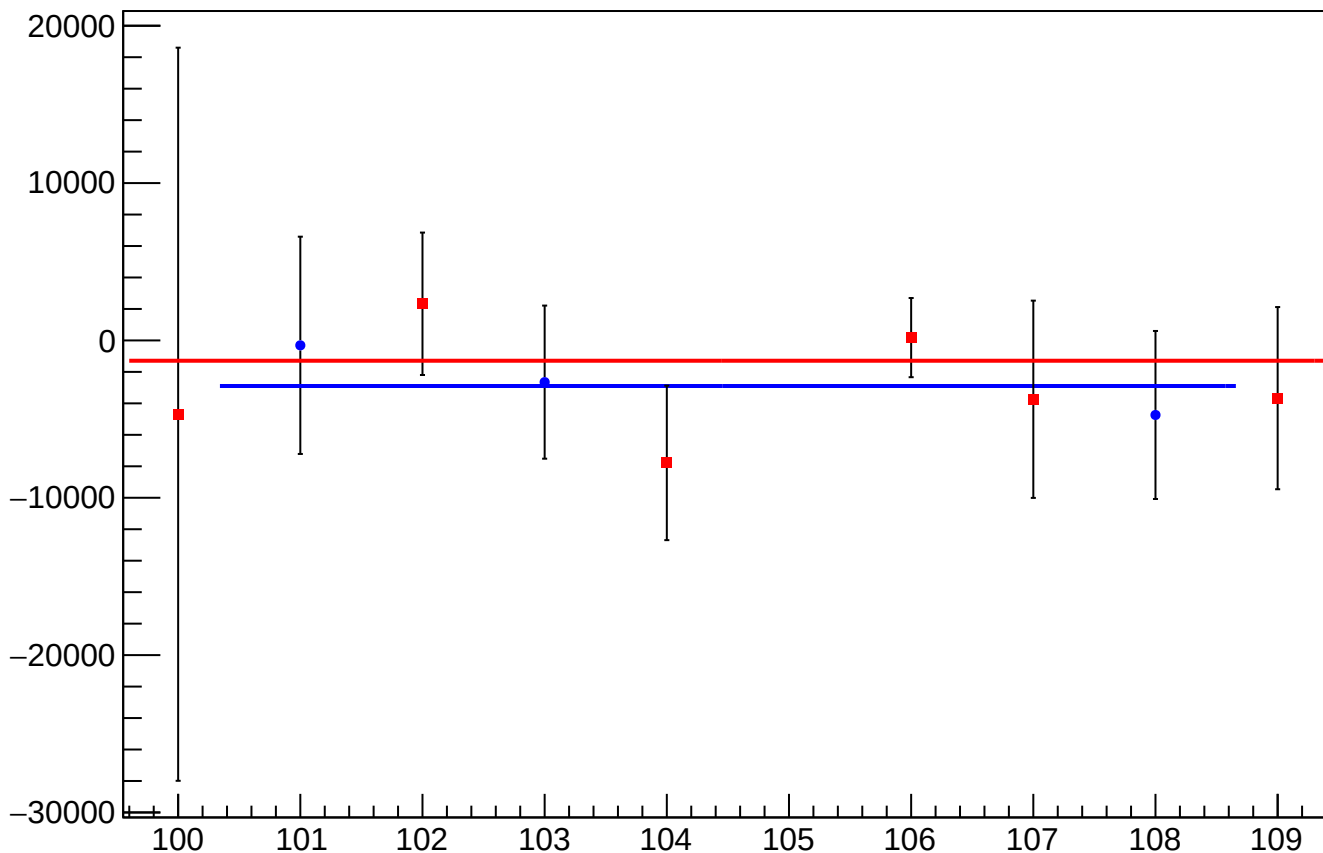
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1998.923 $\pm$ 0.781 χ^2 /NDF: 835819.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_correction_mean vs Slug



Right In: -2896.672+/-3189.569 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1291.010+/-1809.600 χ^2/NDF : 3.1/5

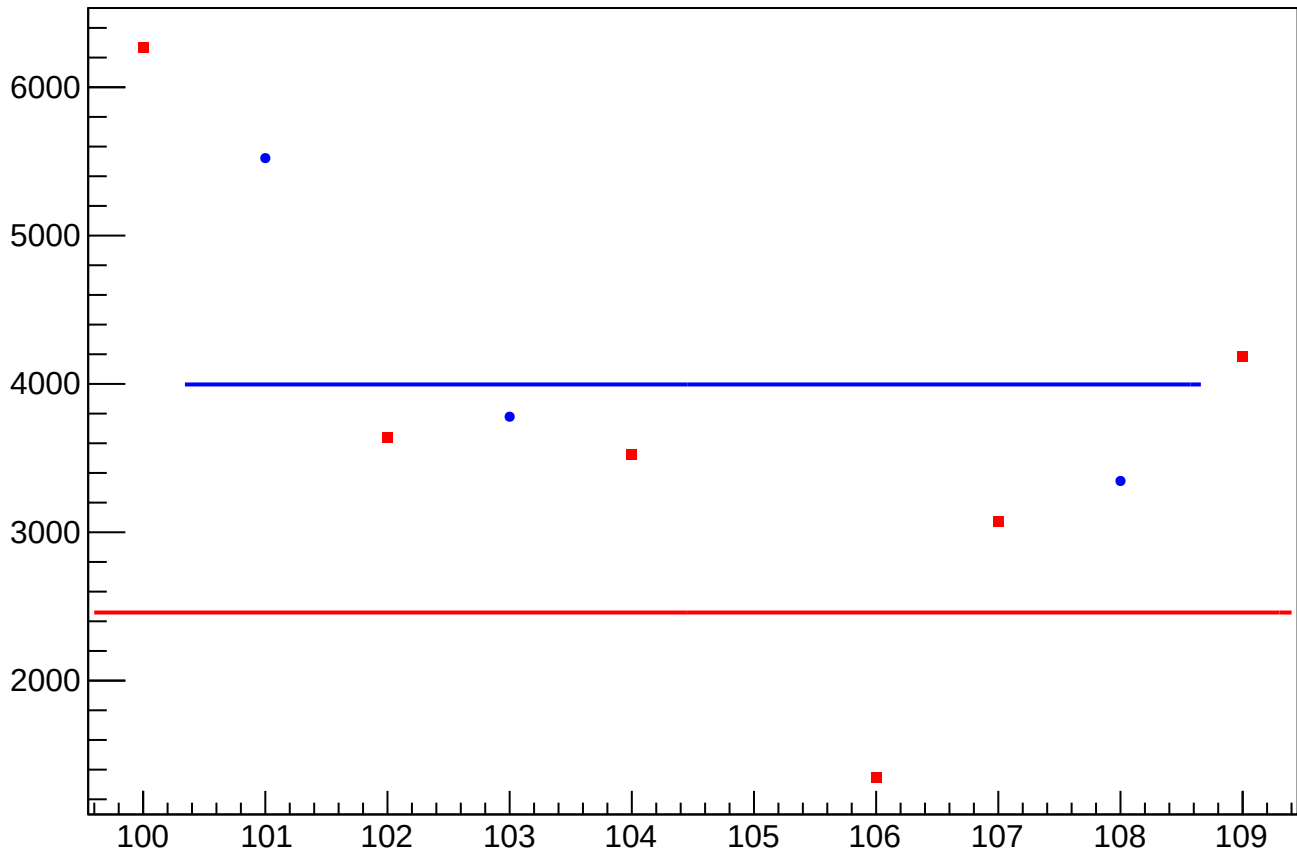
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1681.996+/-1573.931 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 3996.436 $\pm$ 2.255 χ^2 /NDF: 131348.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2459.097 $\pm$ 1.280 χ^2 /NDF: 870077.9/5

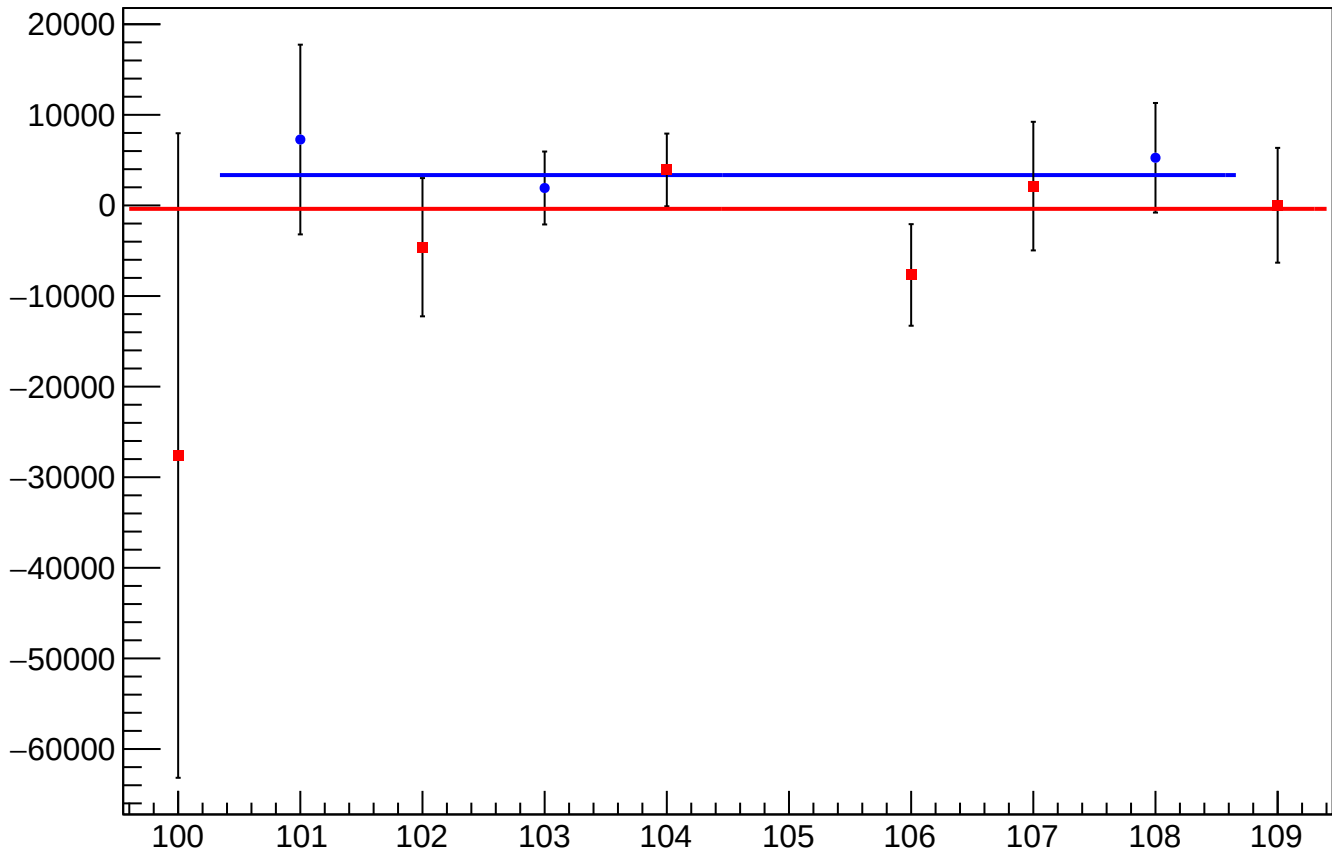
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2833.446 $\pm$ 1.113 χ^2 /NDF: 1352915.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_mean vs Slug



Right In: 3350.222+/-3191.539 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -377.185+/-2526.500 χ^2/NDF : 3.9/5

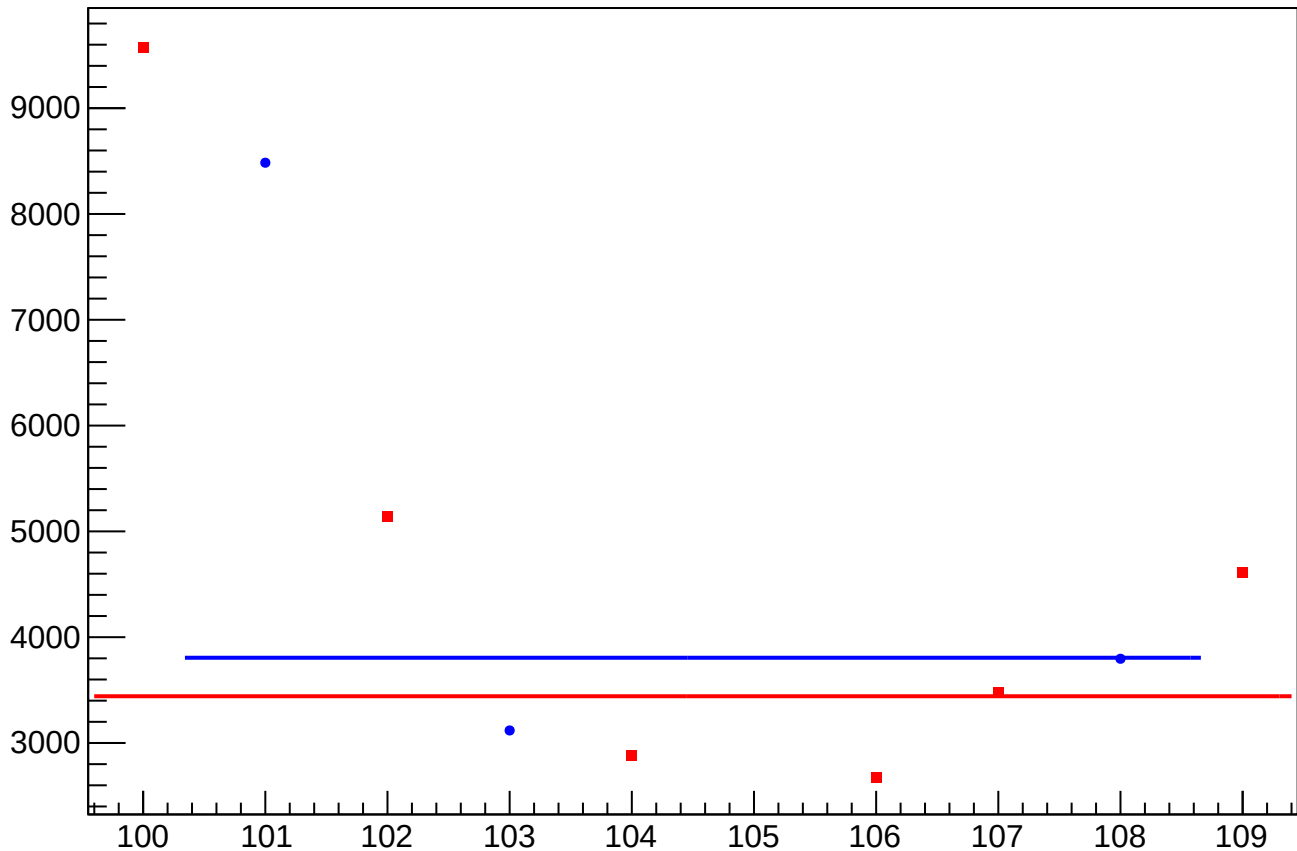
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1058.787+/-1980.932 χ^2/NDF : 5.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_rms vs Slug



Right In: 3805.672+/-2.257 χ^2/NDF : 457669.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3441.787+/-1.752 χ^2/NDF : 310133.4/5

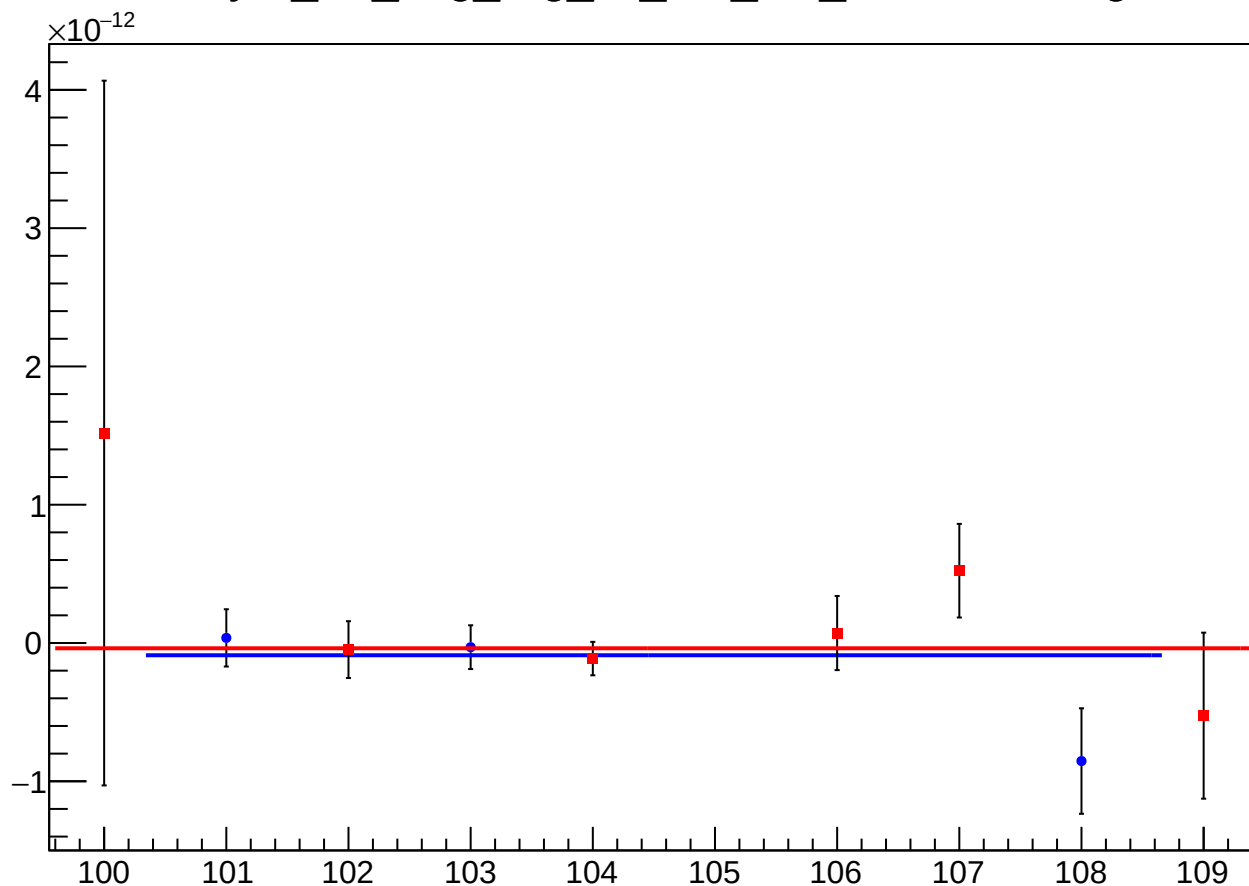
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3578.605+/-1.384 χ^2/NDF : 784026.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/5

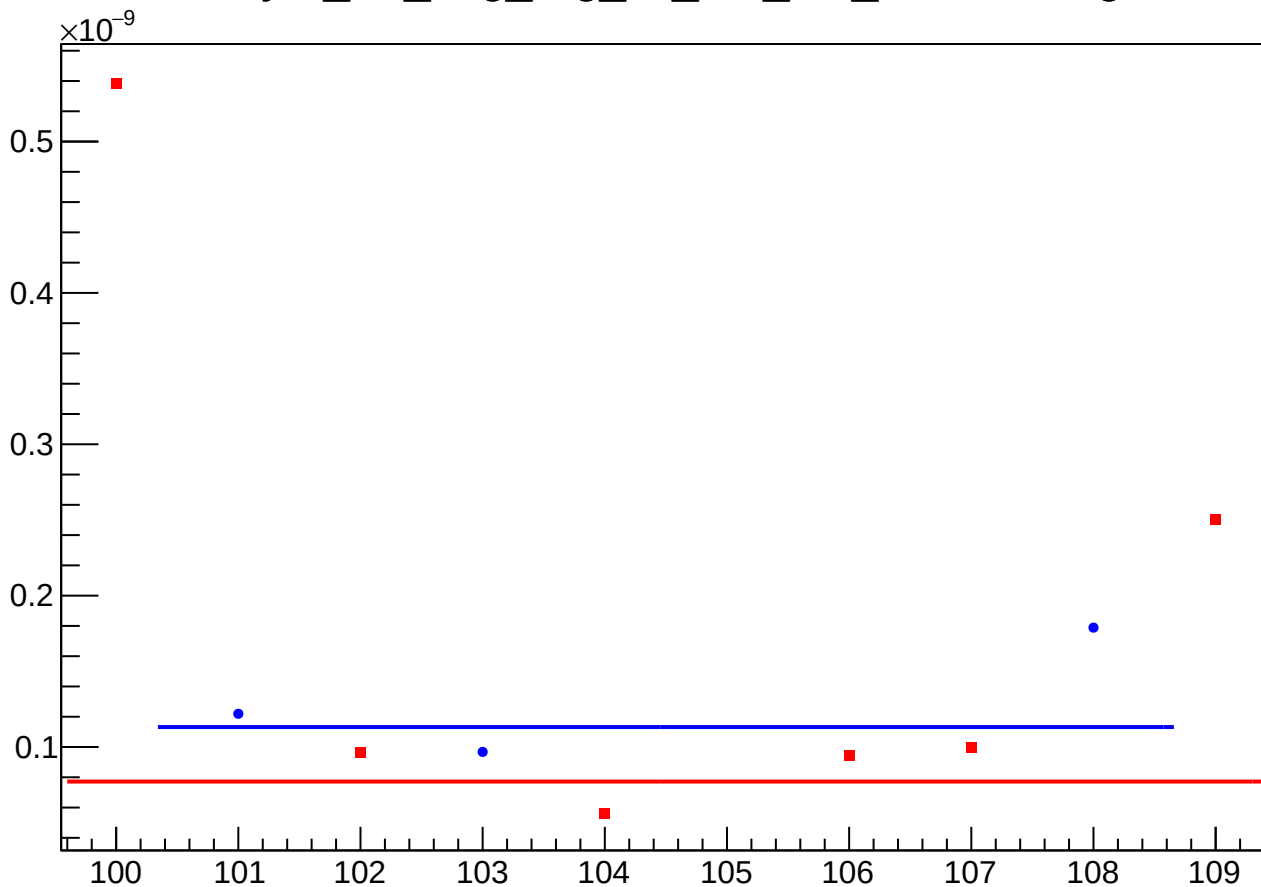
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 84407.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 328747.0/5

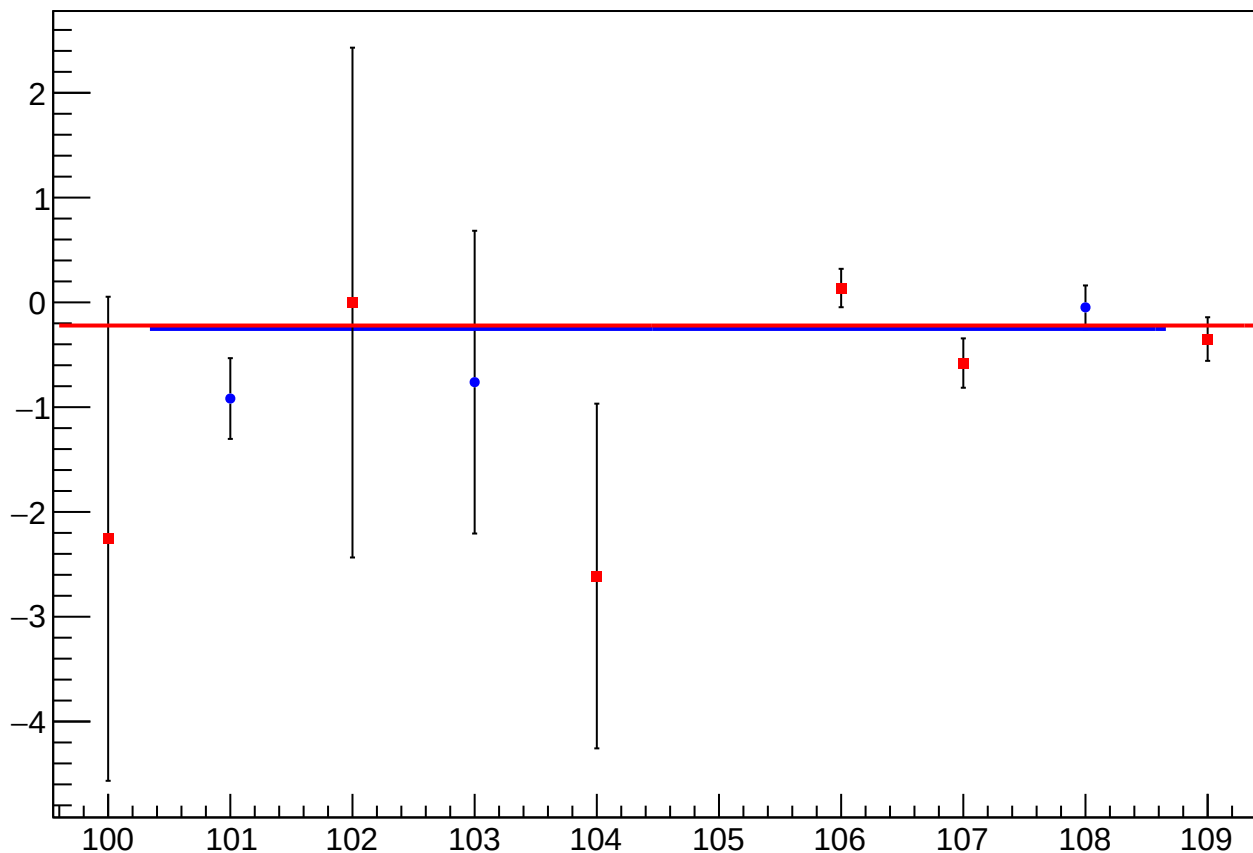
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 527135.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.253+/-0.182 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.221+/-0.118 χ^2/NDF : 9.4/5

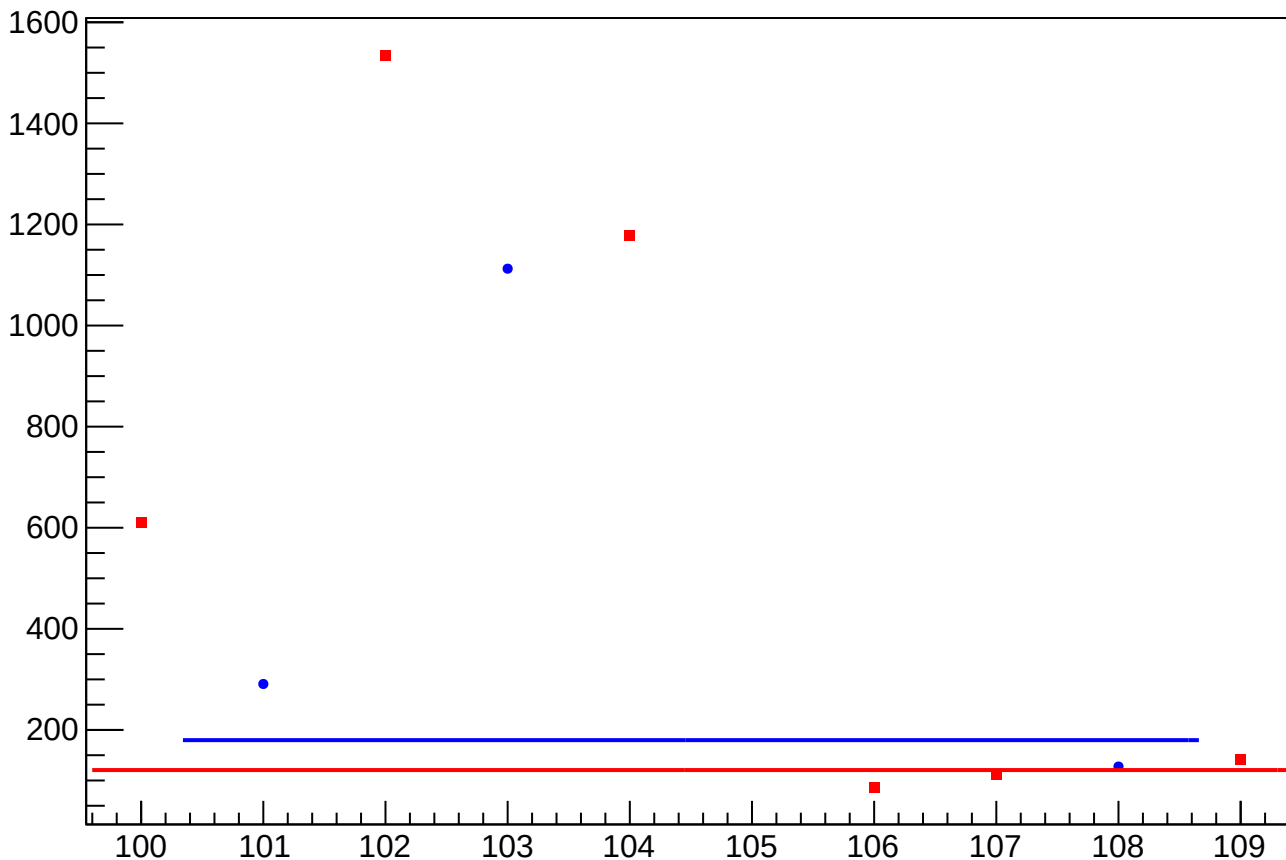
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.231+/-0.099 χ^2/NDF : 13.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 179.798+/-0.129 χ^2/NDF : 1124828.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.635+/-0.084 χ^2/NDF : 1686044.4/5

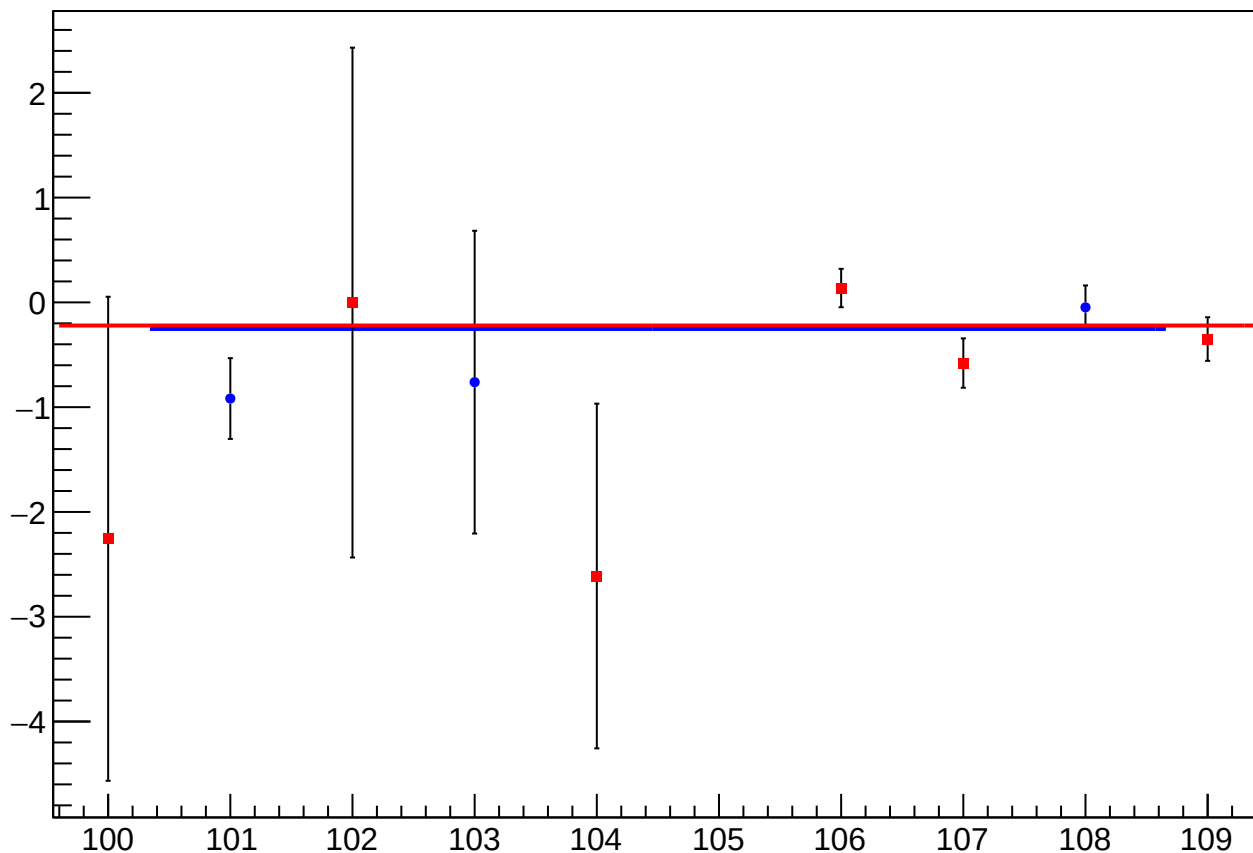
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.138+/-0.070 χ^2/NDF : 2959239.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.253+/-0.182 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.221+/-0.118 χ^2/NDF : 9.4/5

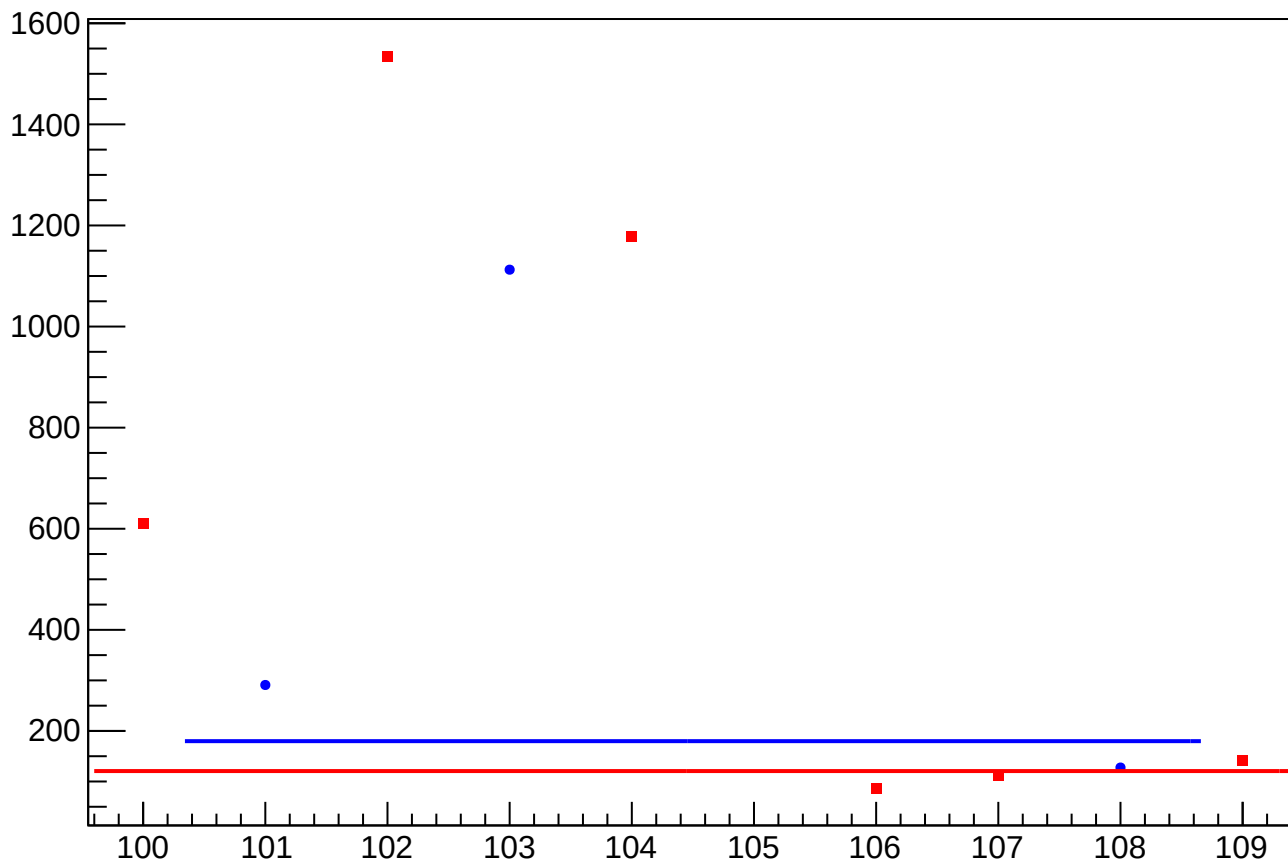
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.231+/-0.099 χ^2/NDF : 13.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 179.798+/-0.129 χ^2/NDF : 1124828.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.635+/-0.084 χ^2/NDF : 1686044.4/5

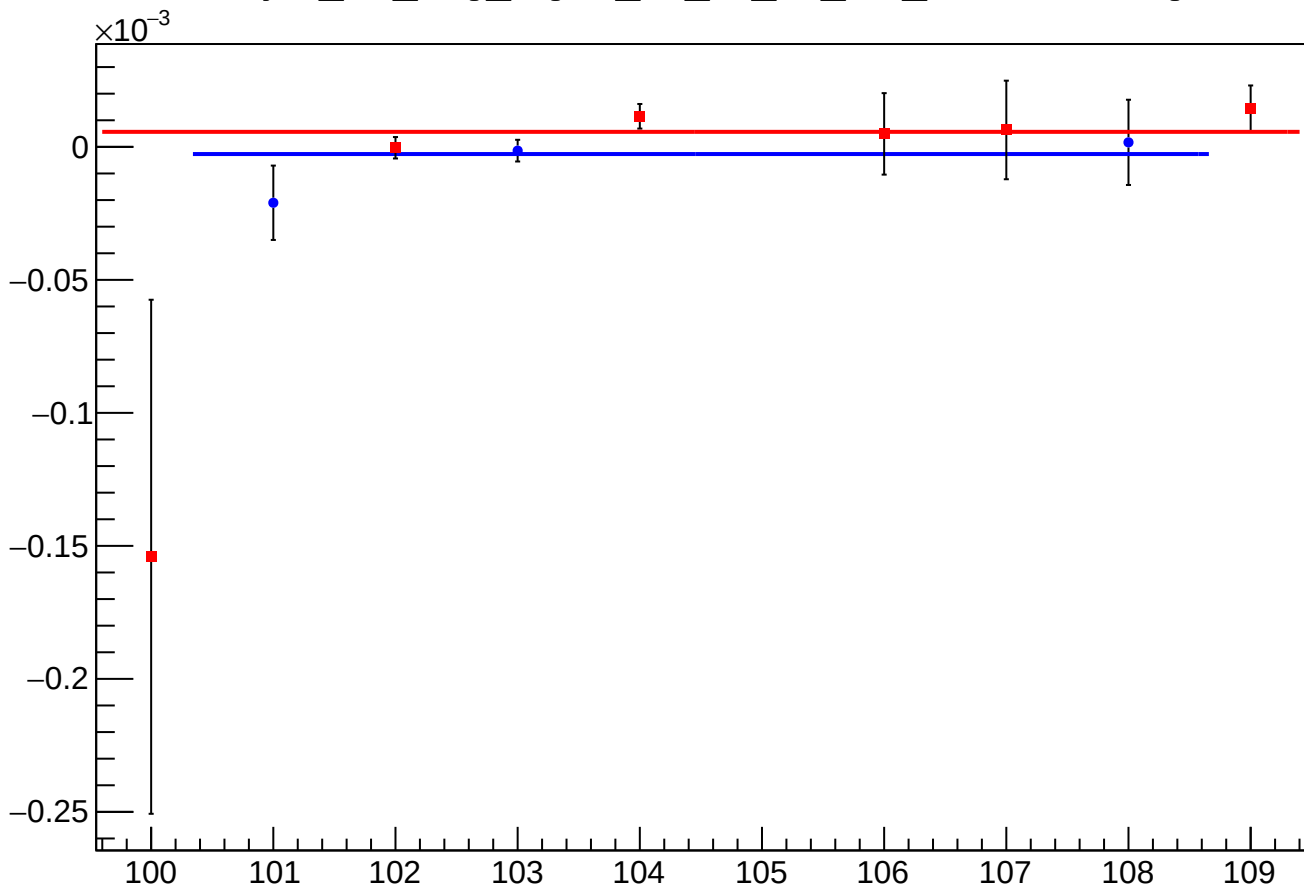
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.138+/-0.070 χ^2/NDF : 2959239.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/5

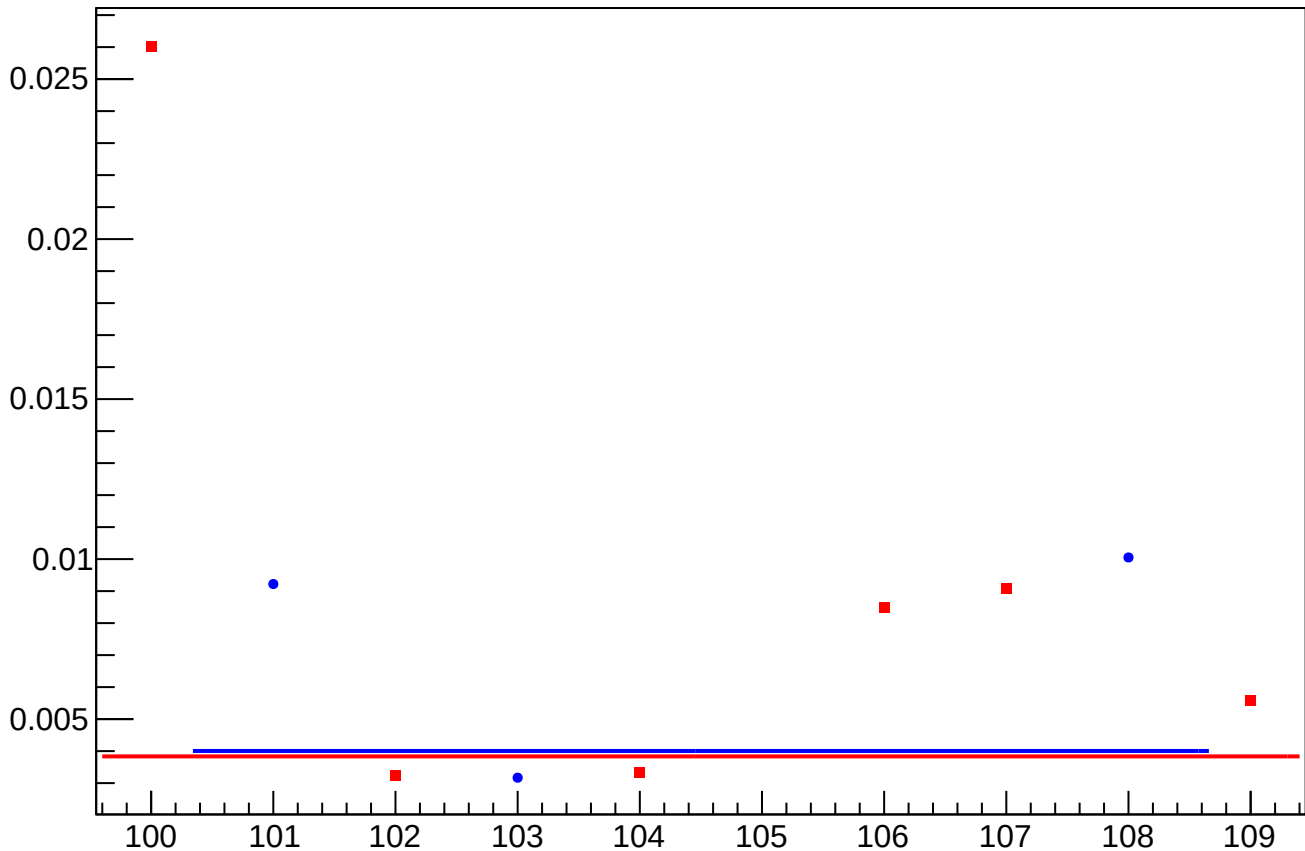
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 647510.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 598026.1/5

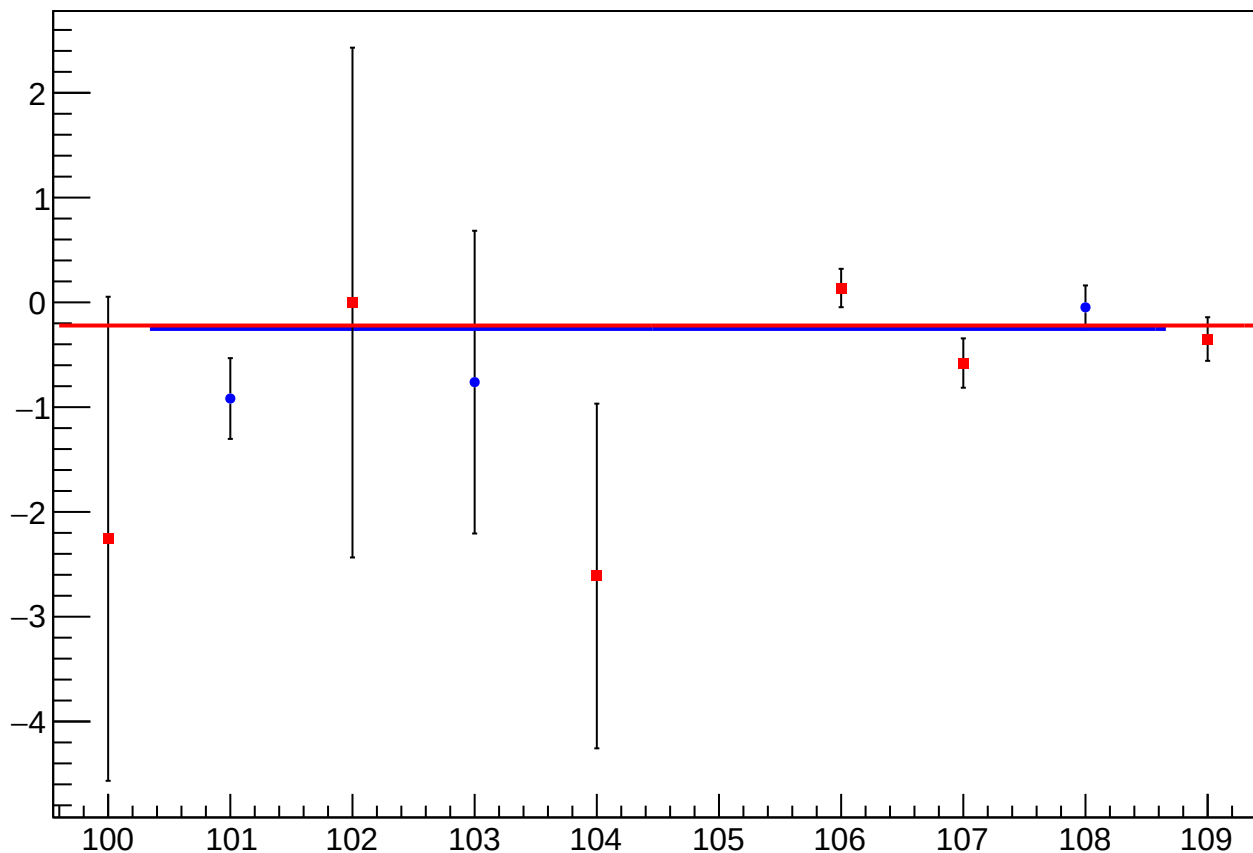
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1248133.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.253+/-0.182 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.221+/-0.118 χ^2/NDF : 9.4/5

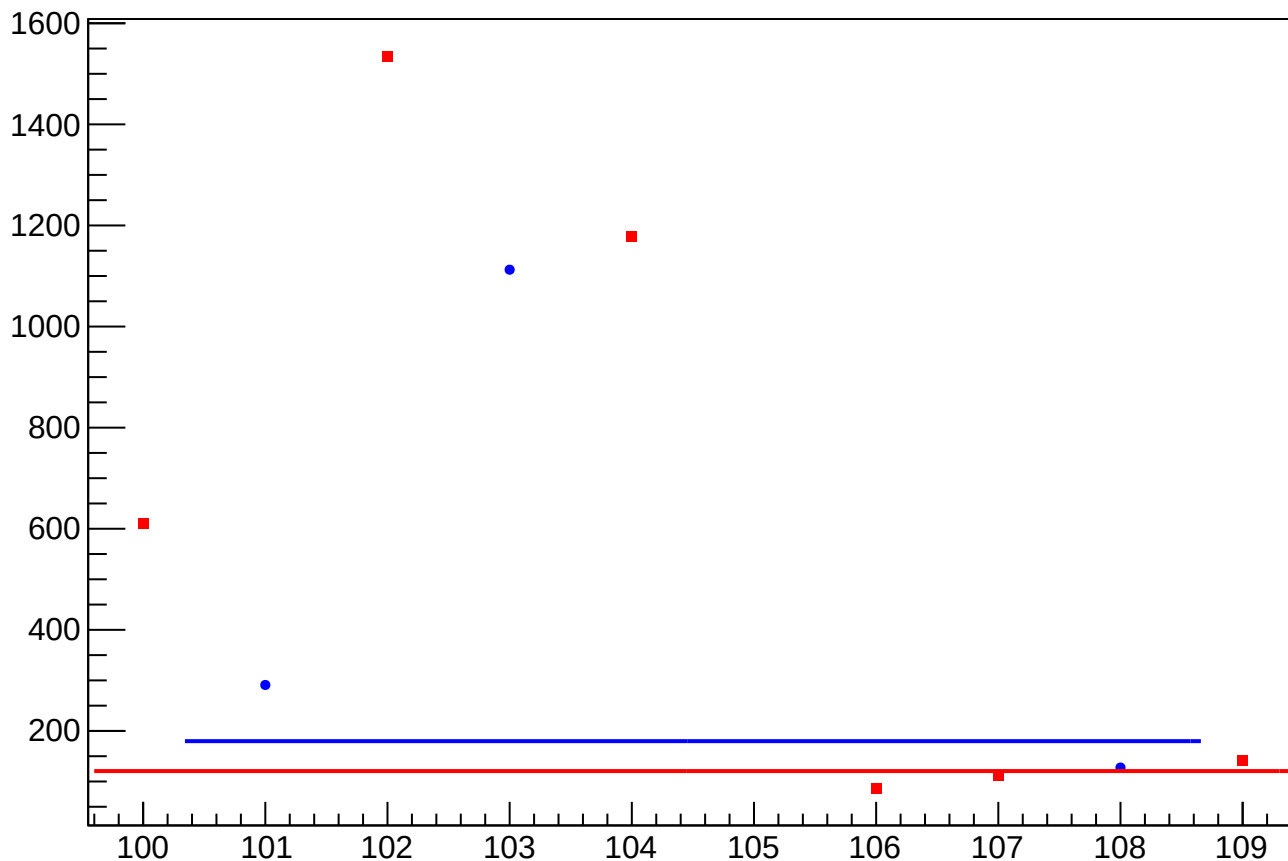
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.231+/-0.099 χ^2/NDF : 13.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 179.798+/-0.129 χ^2/NDF : 1124834.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.636+/-0.084 χ^2/NDF : 1686046.5/5

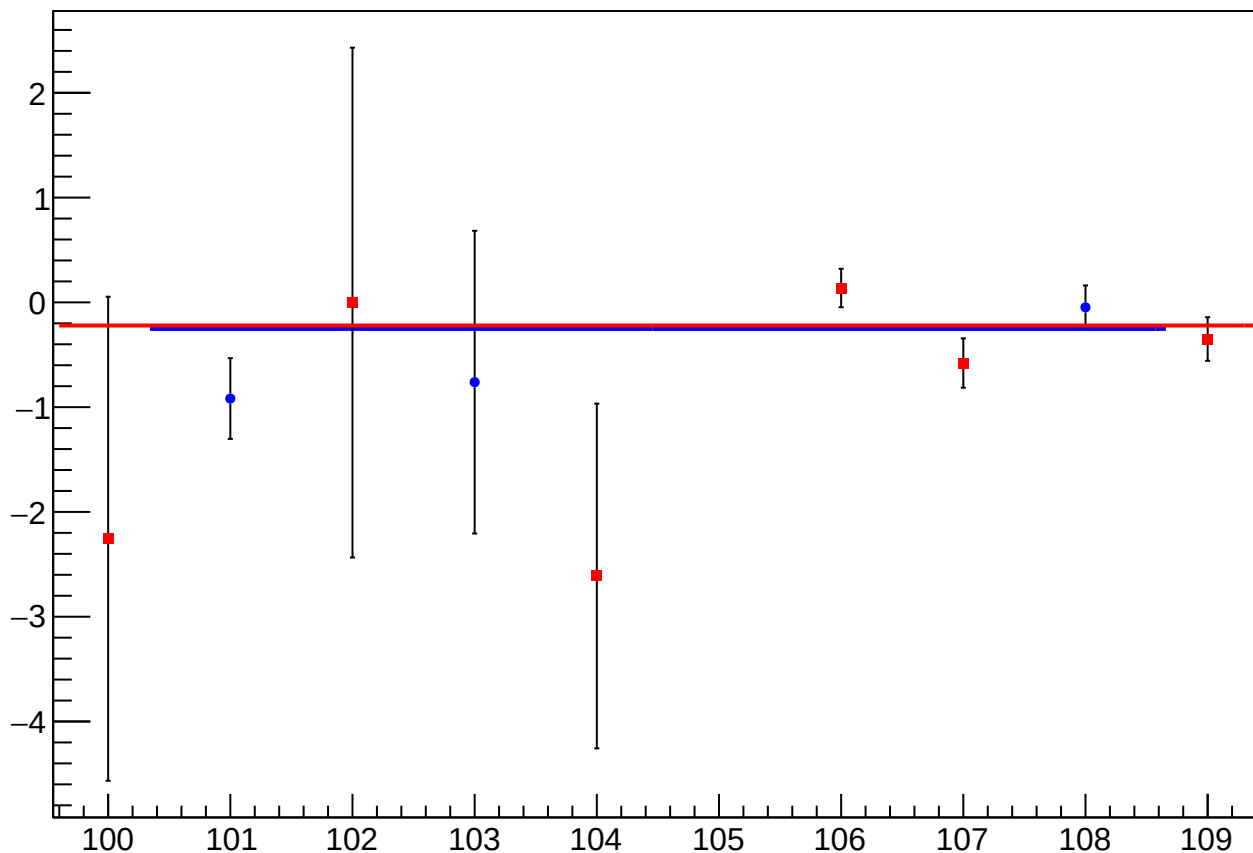
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.138+/-0.070 χ^2/NDF : 2959242.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.253 $\pm$ 0.182 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.221 $\pm$ 0.118 χ^2 /NDF: 9.4/5

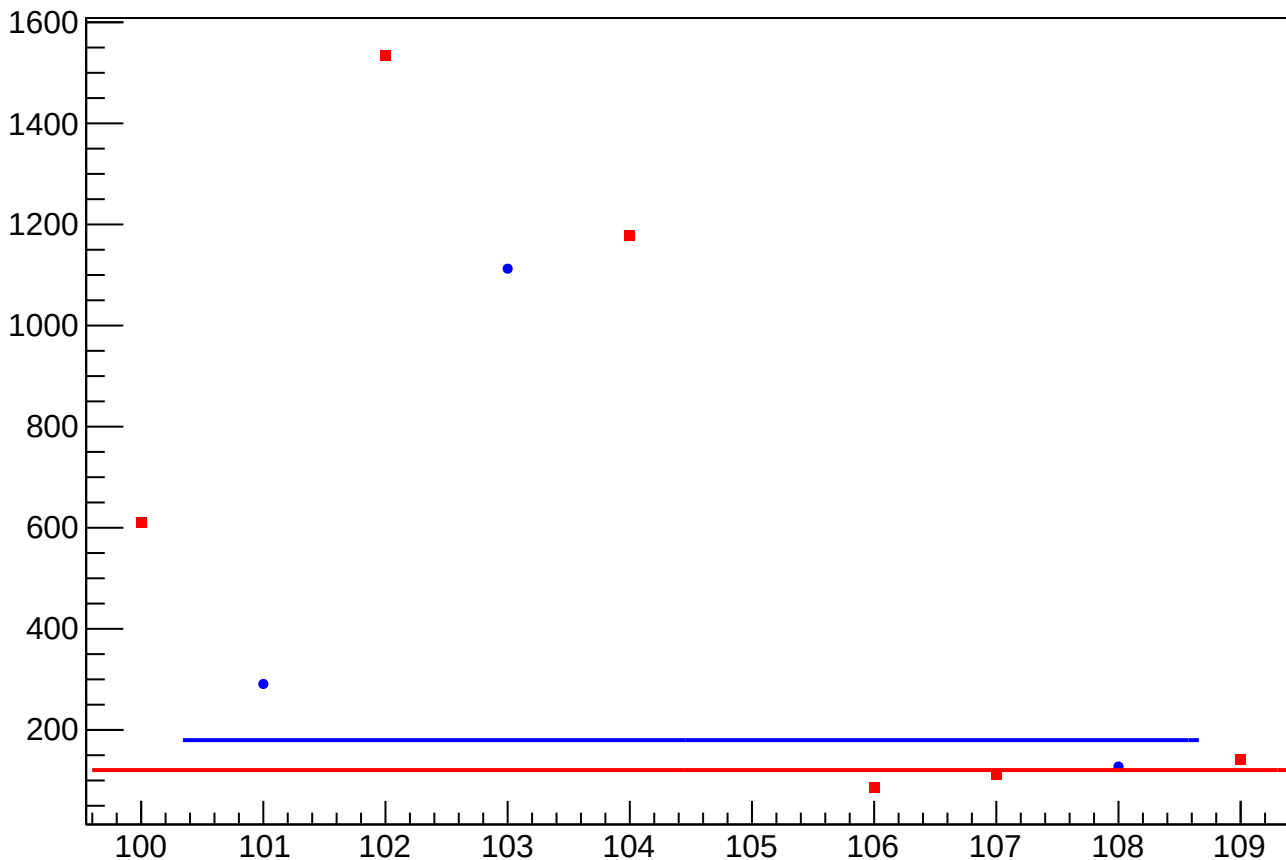
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.231 $\pm$ 0.099 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 179.798+/-0.129 χ^2/NDF : 1124834.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

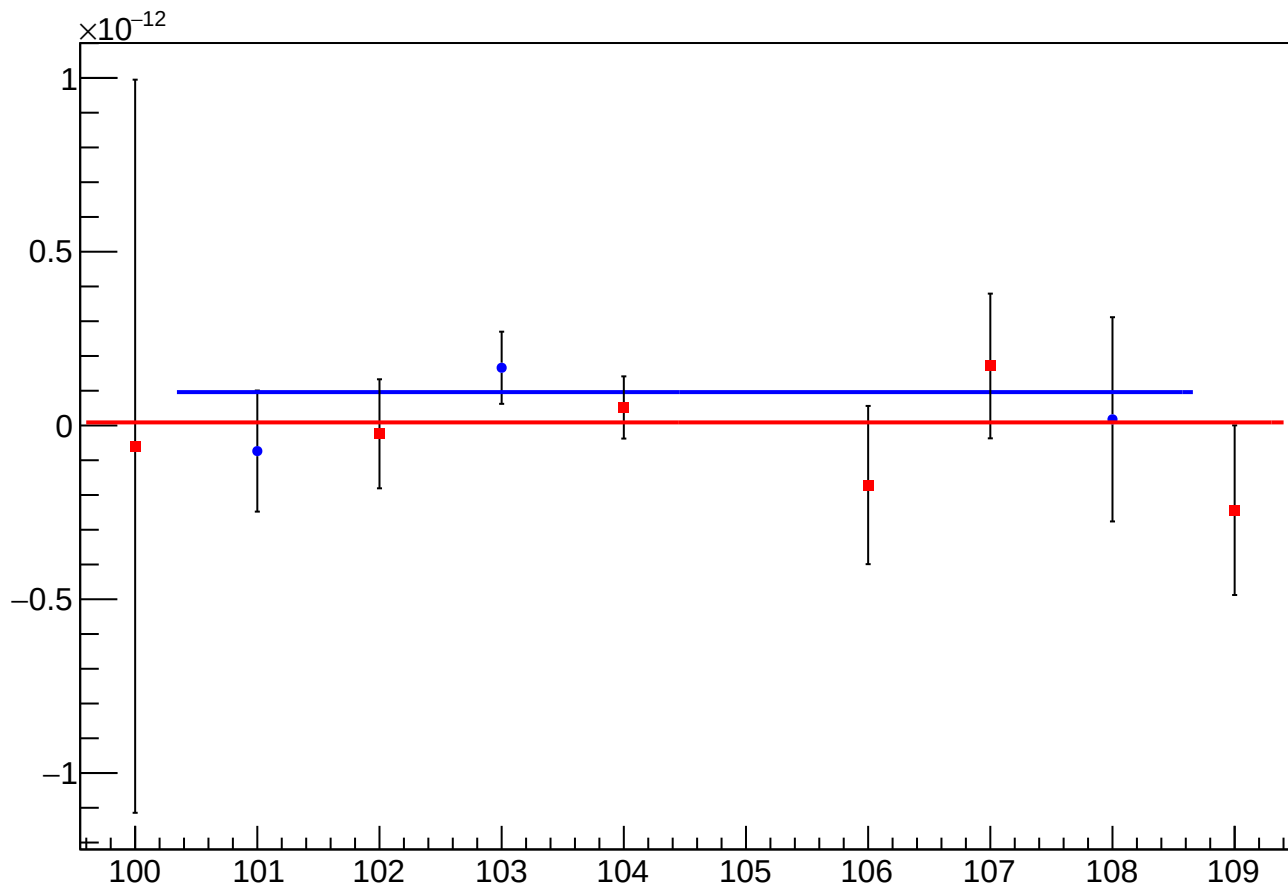
Right Out: 120.636+/-0.084 χ^2/NDF : 1686046.5/5

All: 138.138+/-0.070 χ^2/NDF : 2959242.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/5

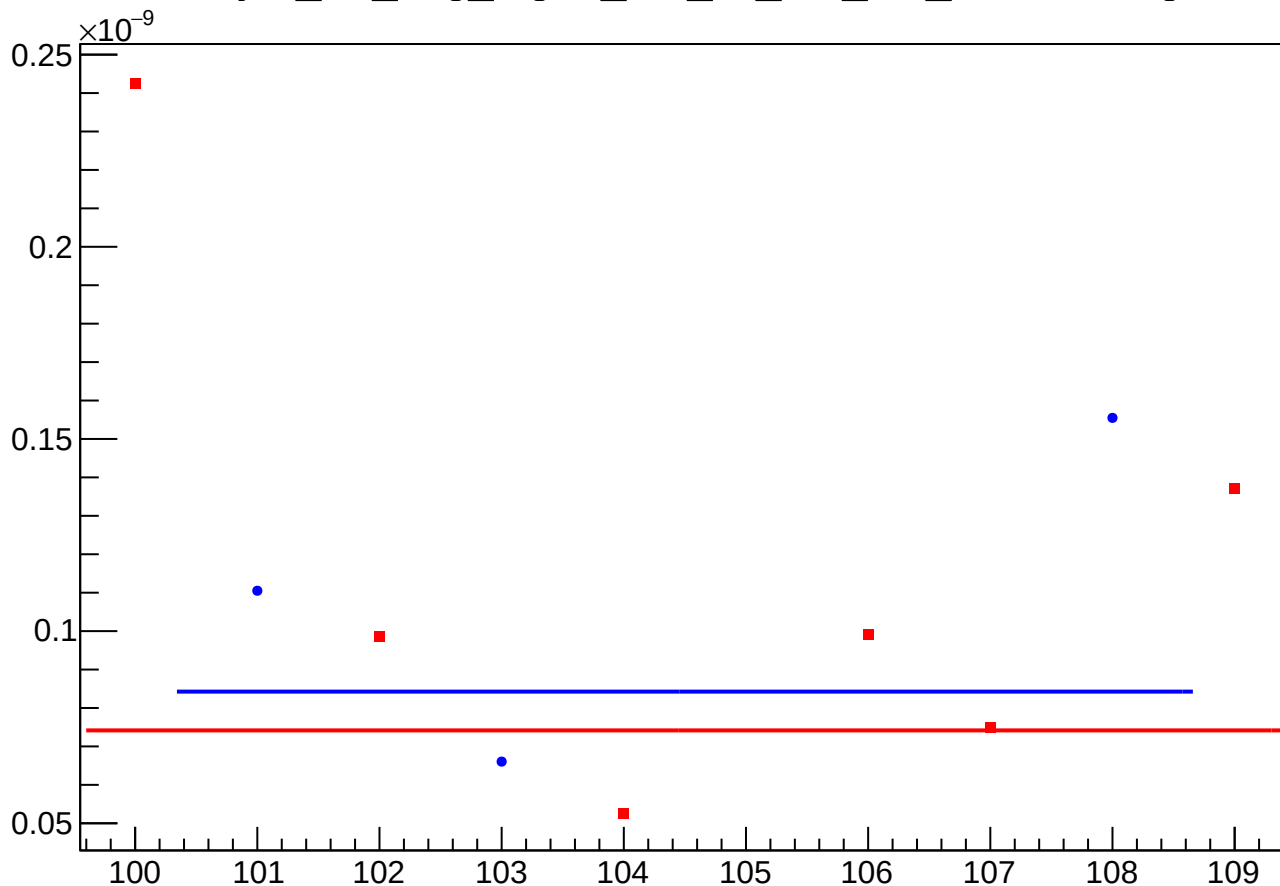
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 224479.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 373720.5/5

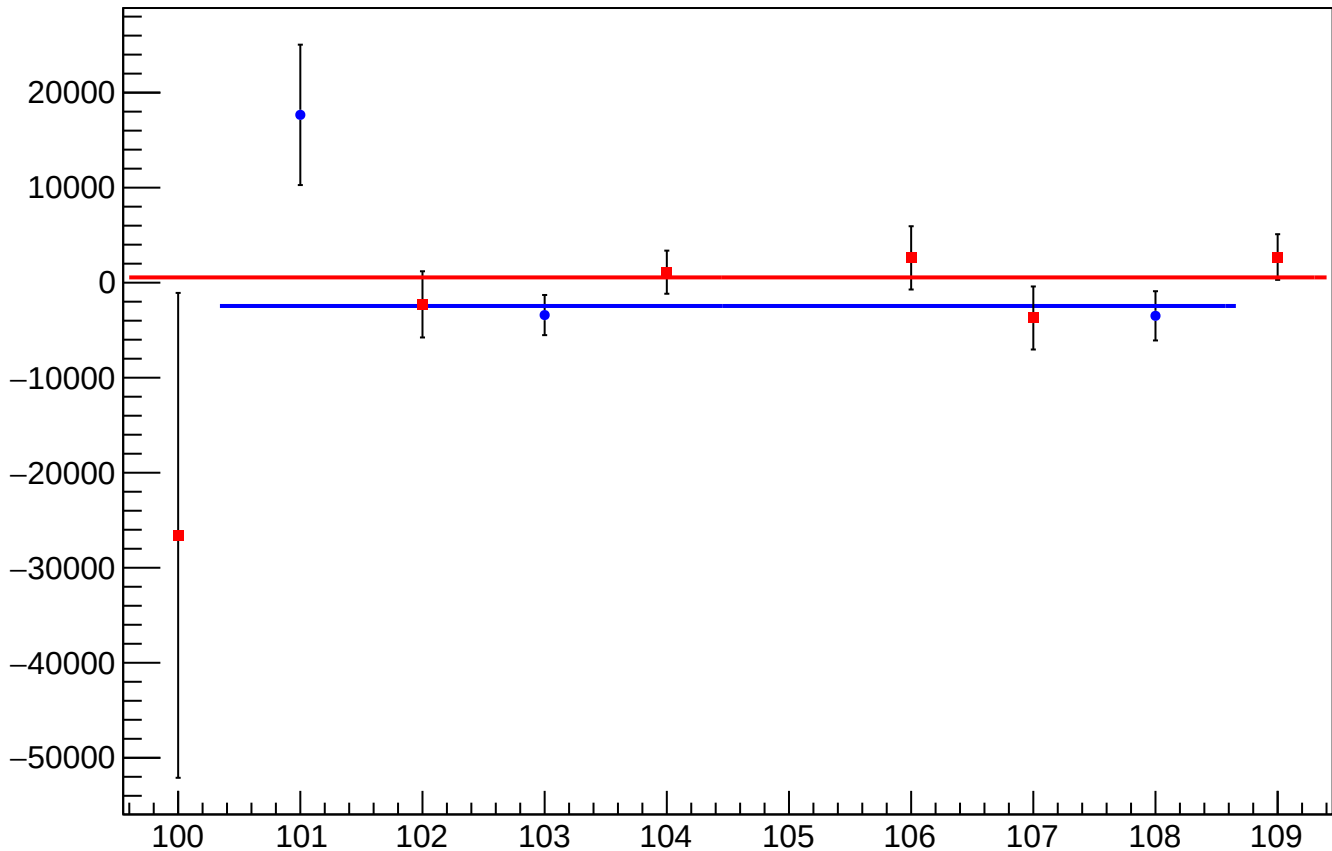
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 615579.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -2452.238+/-1598.644 χ^2/NDF : 7.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 554.655+/-1257.131 χ^2/NDF : 4.7/5

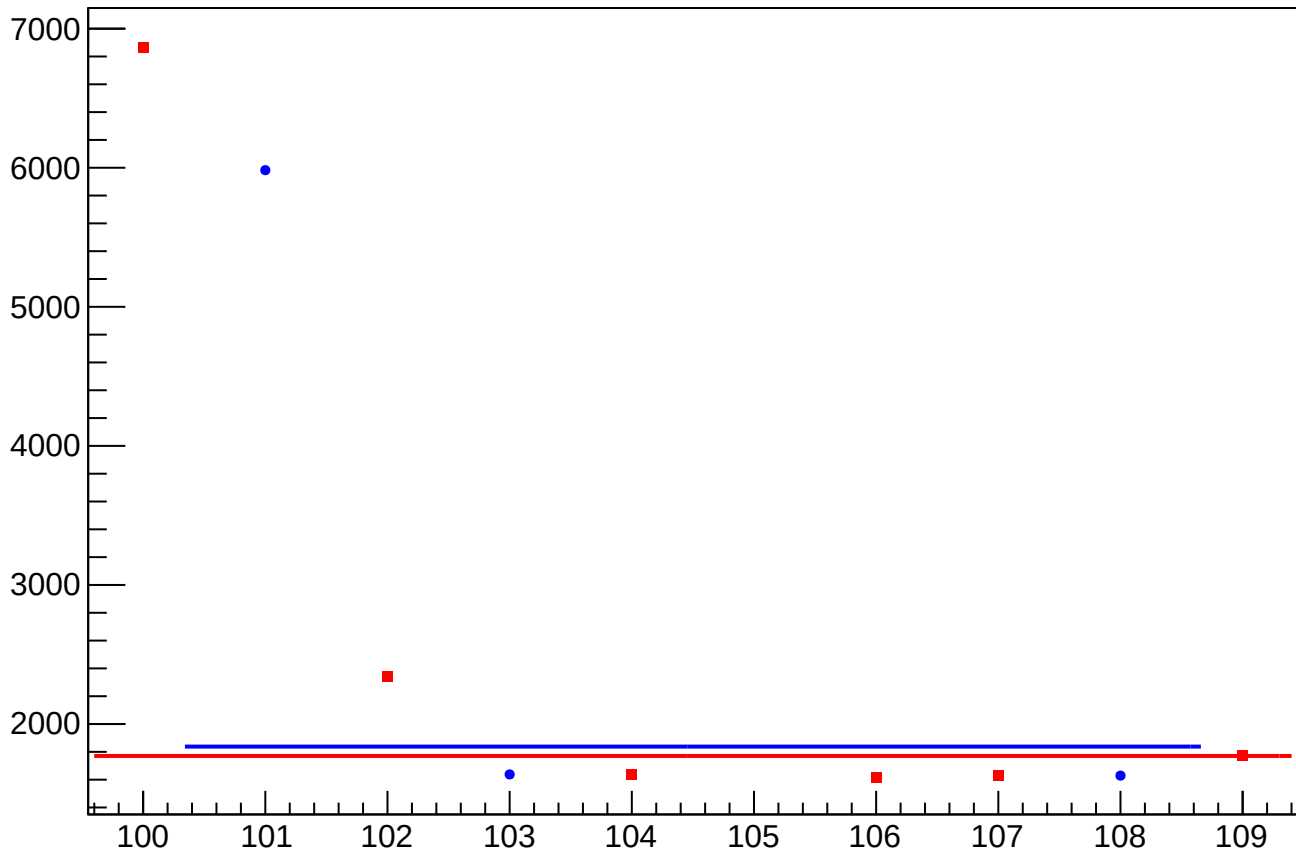
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -594.277+/-988.189 χ^2/NDF : 14.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_rms vs Slug



Right In: 1837.845+/-1.130 χ^2/NDF : 660643.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1770.443+/-0.879 χ^2/NDF : 150045.7/5

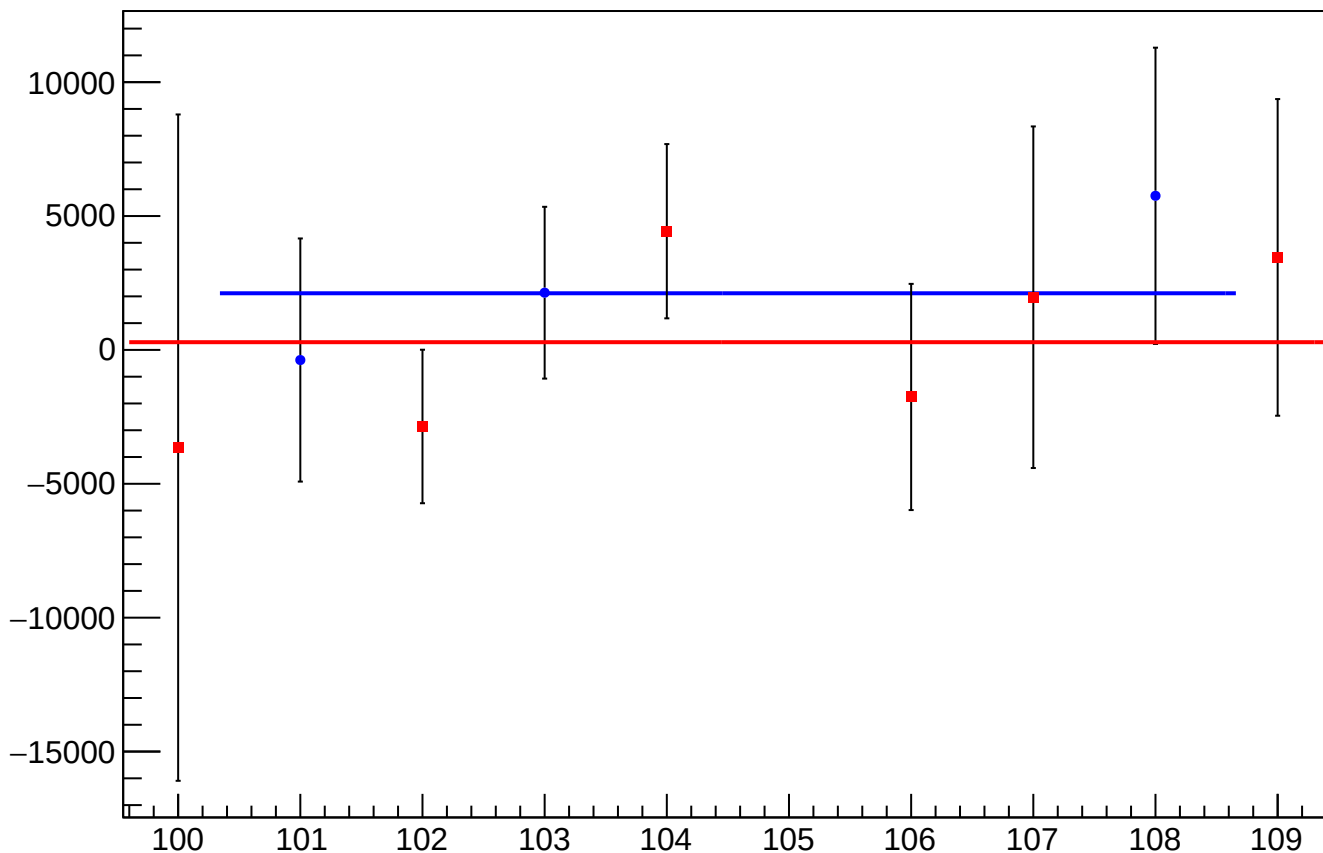
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1795.855+/-0.694 χ^2/NDF : 812903.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



Right In: 2115.568 $\pm$ 2367.913 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 288.519 $\pm$ 1736.063 χ^2 /NDF: 3.5/5

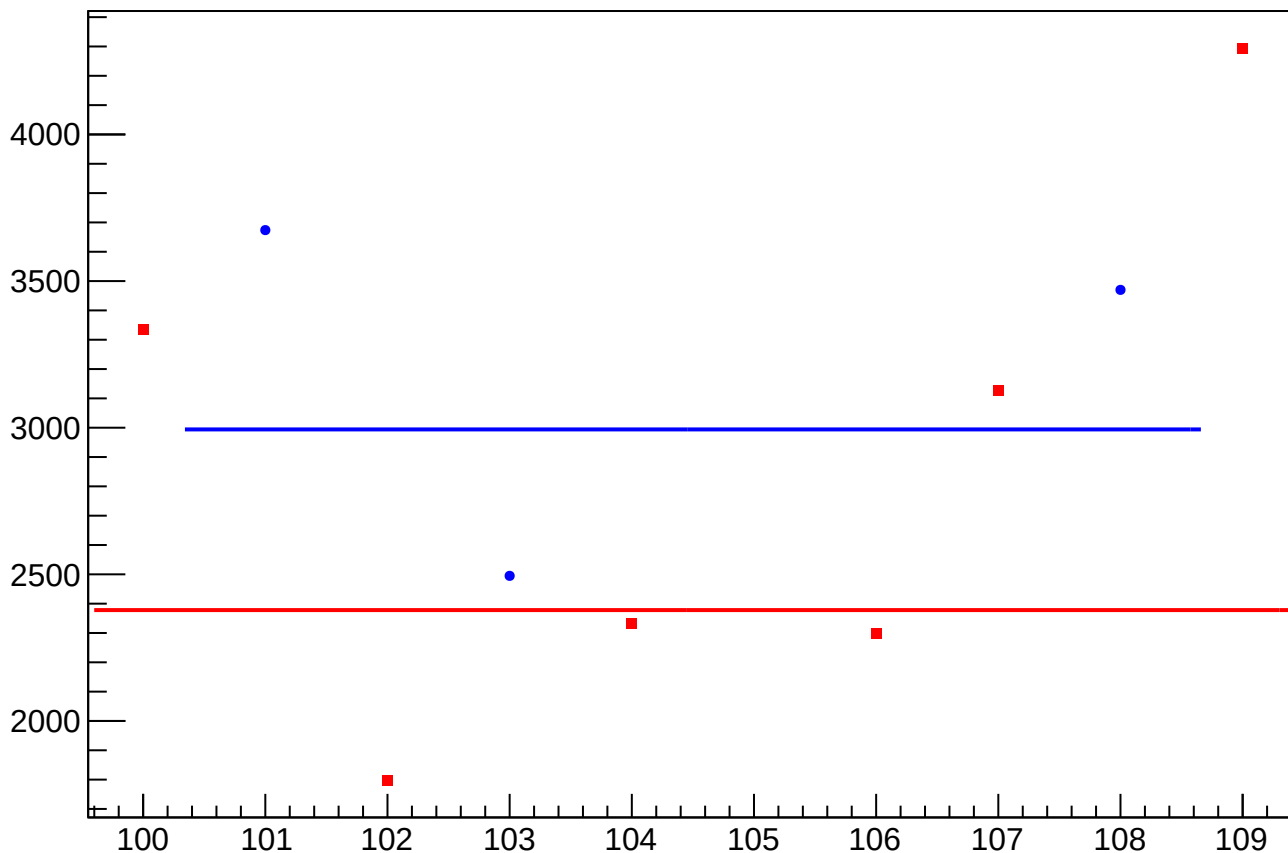
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 927.264 $\pm$ 1400.084 χ^2 /NDF: 4.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



Right In: 2994.172 $\pm$ 1.674 χ^2 /NDF: 108066.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2378.091 $\pm$ 1.228 χ^2 /NDF: 331783.4/5

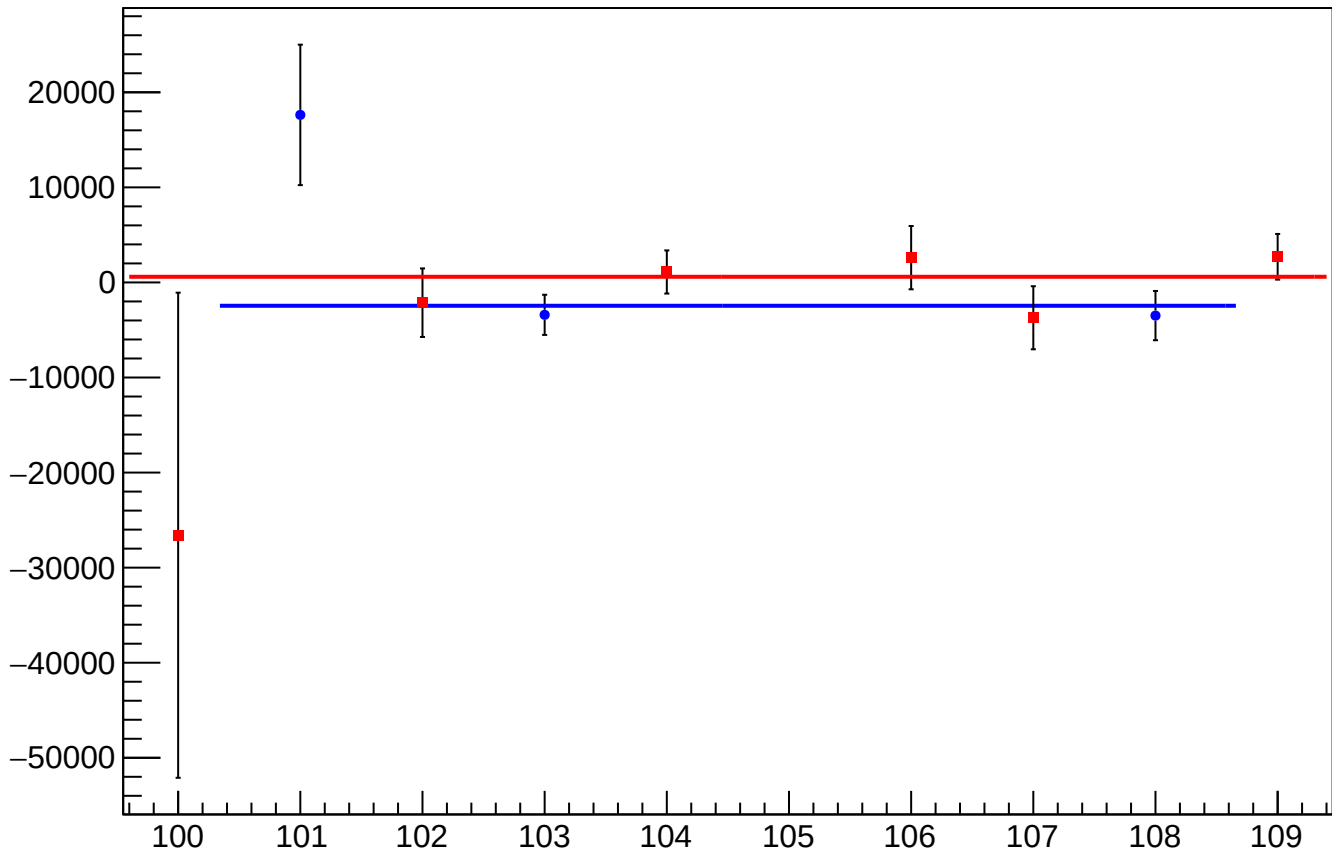
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2593.476 $\pm$ 0.990 χ^2 /NDF: 527904.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_dd_mean vs Slug



Right In: -2453.762 $\pm$ 1598.645 χ^2 /NDF: 7.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 596.377 $\pm$ 1262.582 χ^2 /NDF: 4.6/5

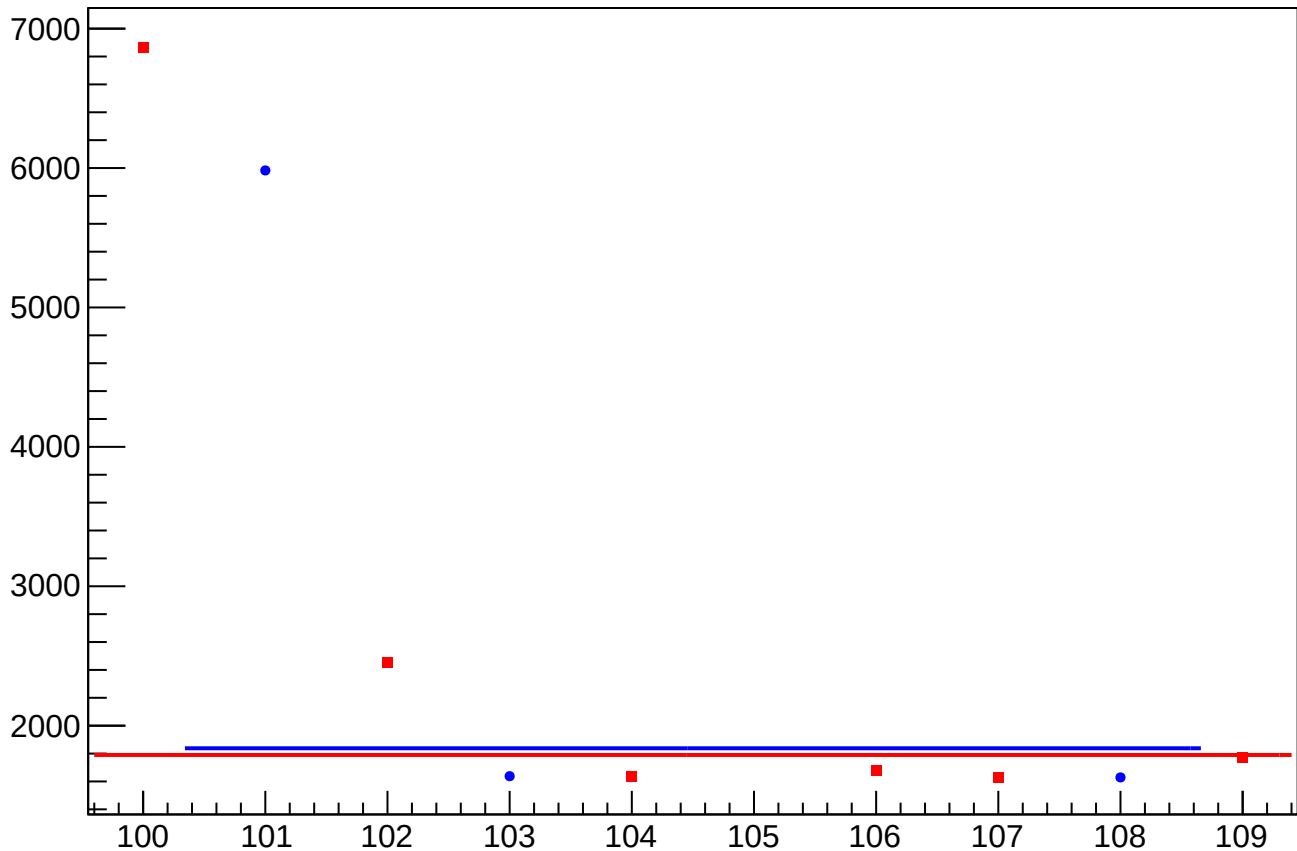
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -575.317 $\pm$ 990.830 χ^2 /NDF: 14.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1837.844+/-1.130 χ^2/NDF : 660643.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1789.926+/-0.888 χ^2/NDF : 164061.1/5

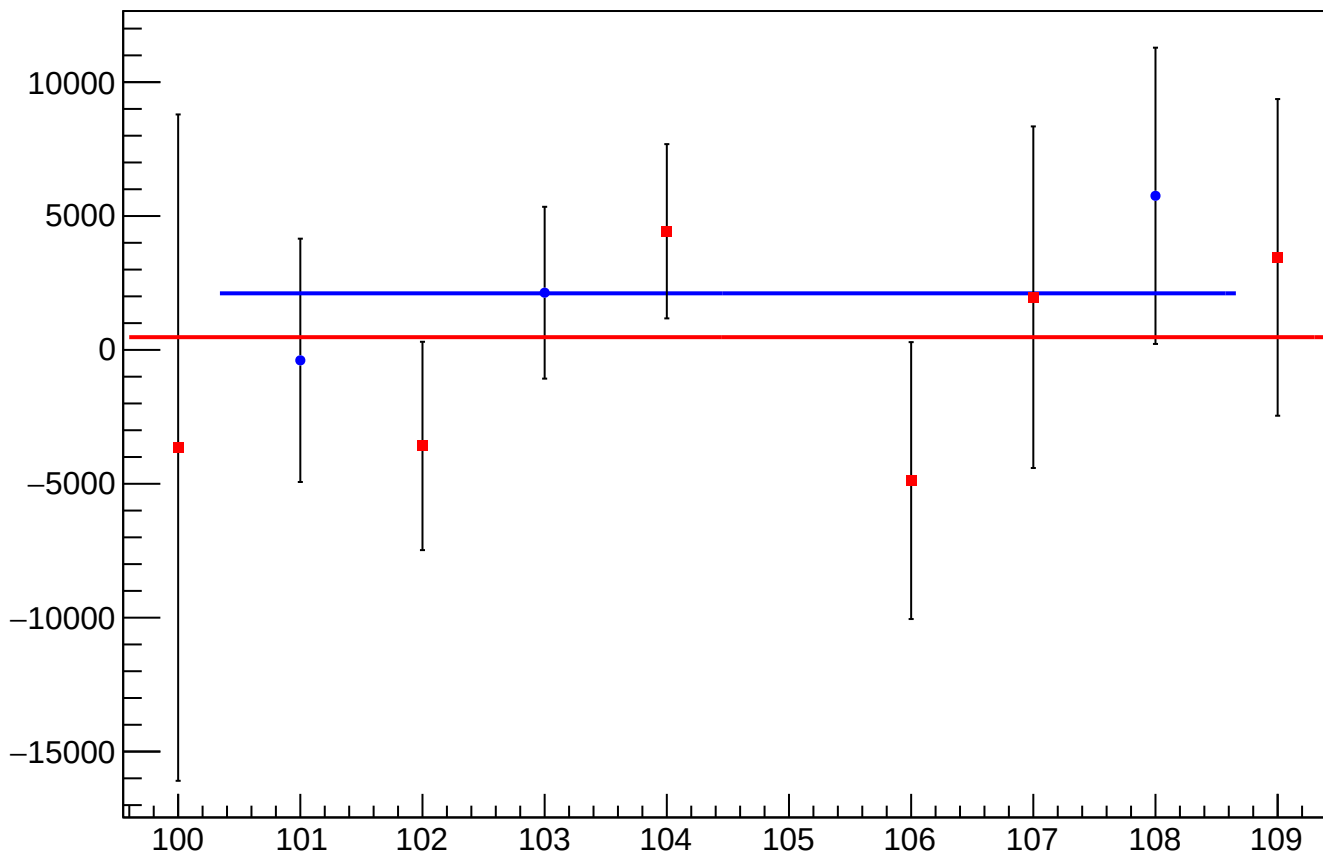
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1808.221+/-0.698 χ^2/NDF : 825815.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



Right In: 2113.016 $\pm$ 2368.626 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 475.896 $\pm$ 1970.512 χ^2 /NDF: 4.1/5

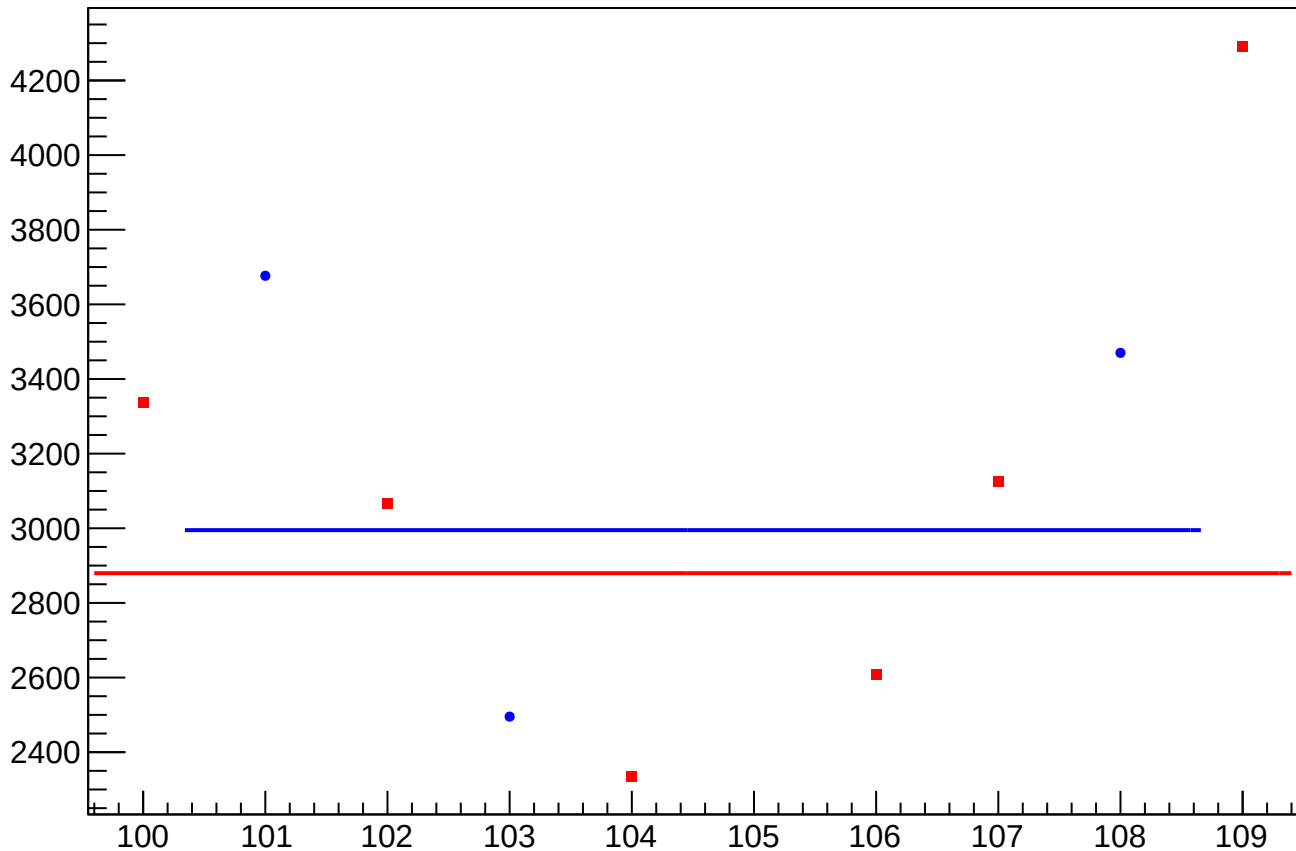
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1145.506 $\pm$ 1514.840 χ^2 /NDF: 5.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 2995.017 $\pm$ 1.675 χ^2 /NDF: 108264.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2879.658 $\pm$ 1.393 χ^2 /NDF: 186119.2/5

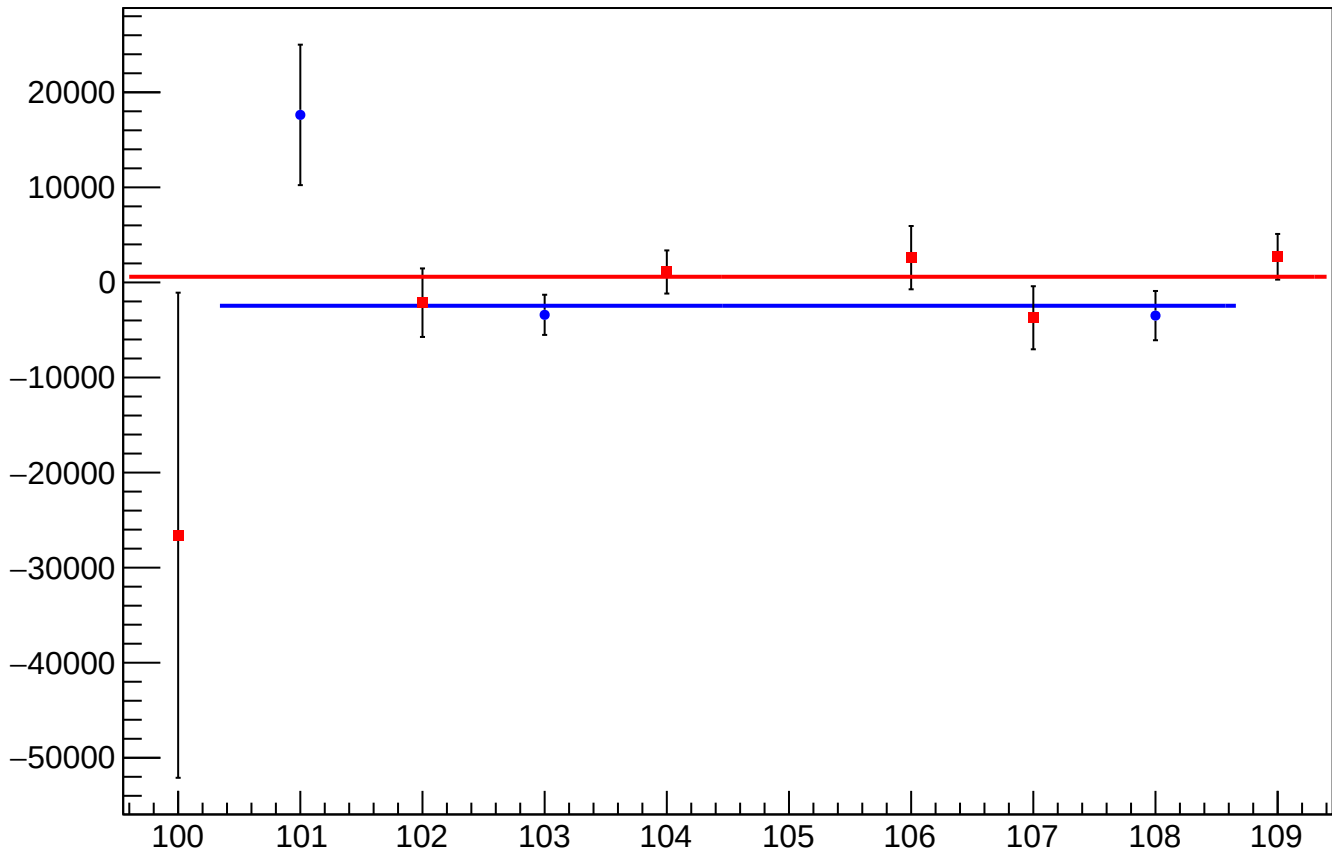
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2926.842 $\pm$ 1.071 χ^2 /NDF: 297187.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_dd_mean vs Slug



Right In: -2453.762 ± 1598.645 χ^2/NDF : 7.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 596.377 ± 1262.582 χ^2/NDF : 4.6/5

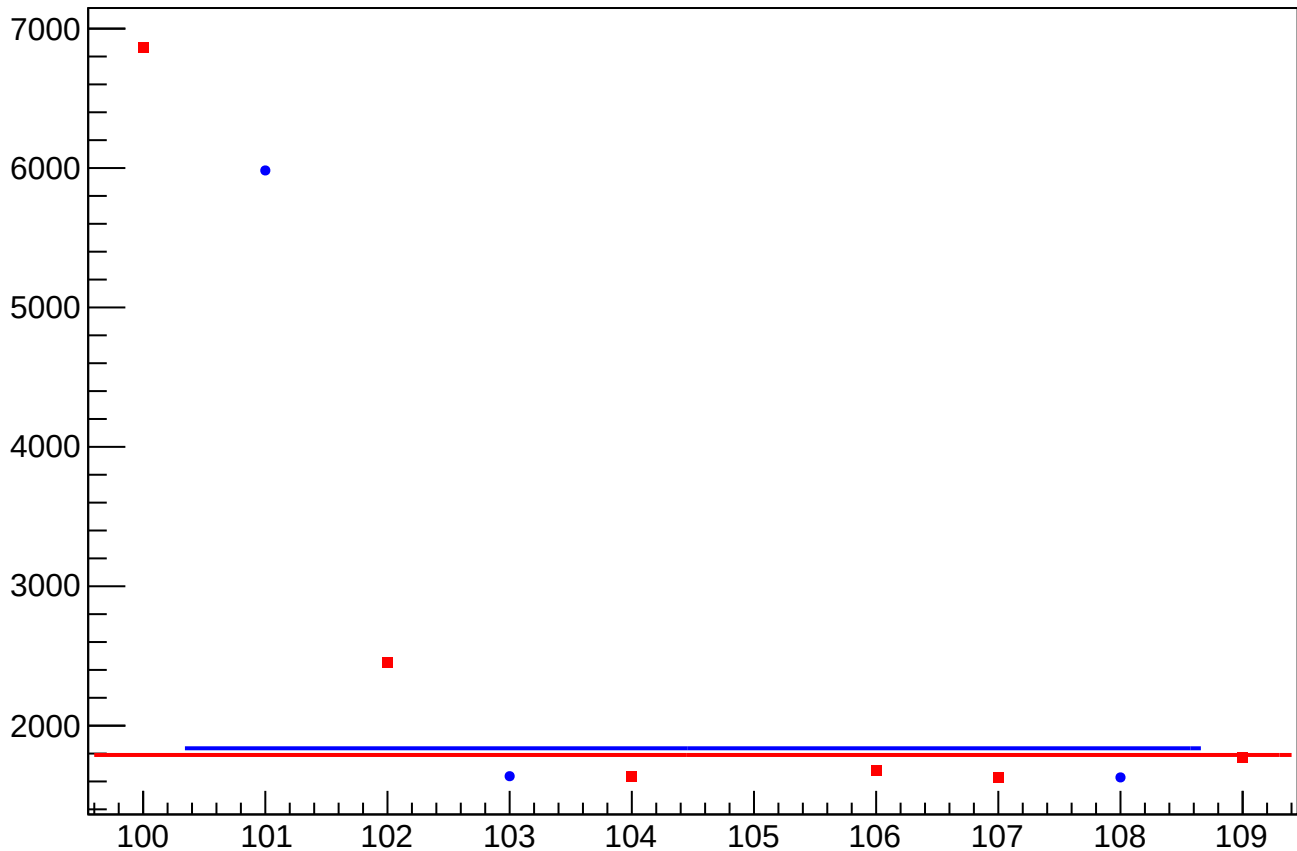
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -575.317 ± 990.830 χ^2/NDF : 14.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1837.844+/-1.130 χ^2/NDF : 660643.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1789.926+/-0.888 χ^2/NDF : 164061.1/5

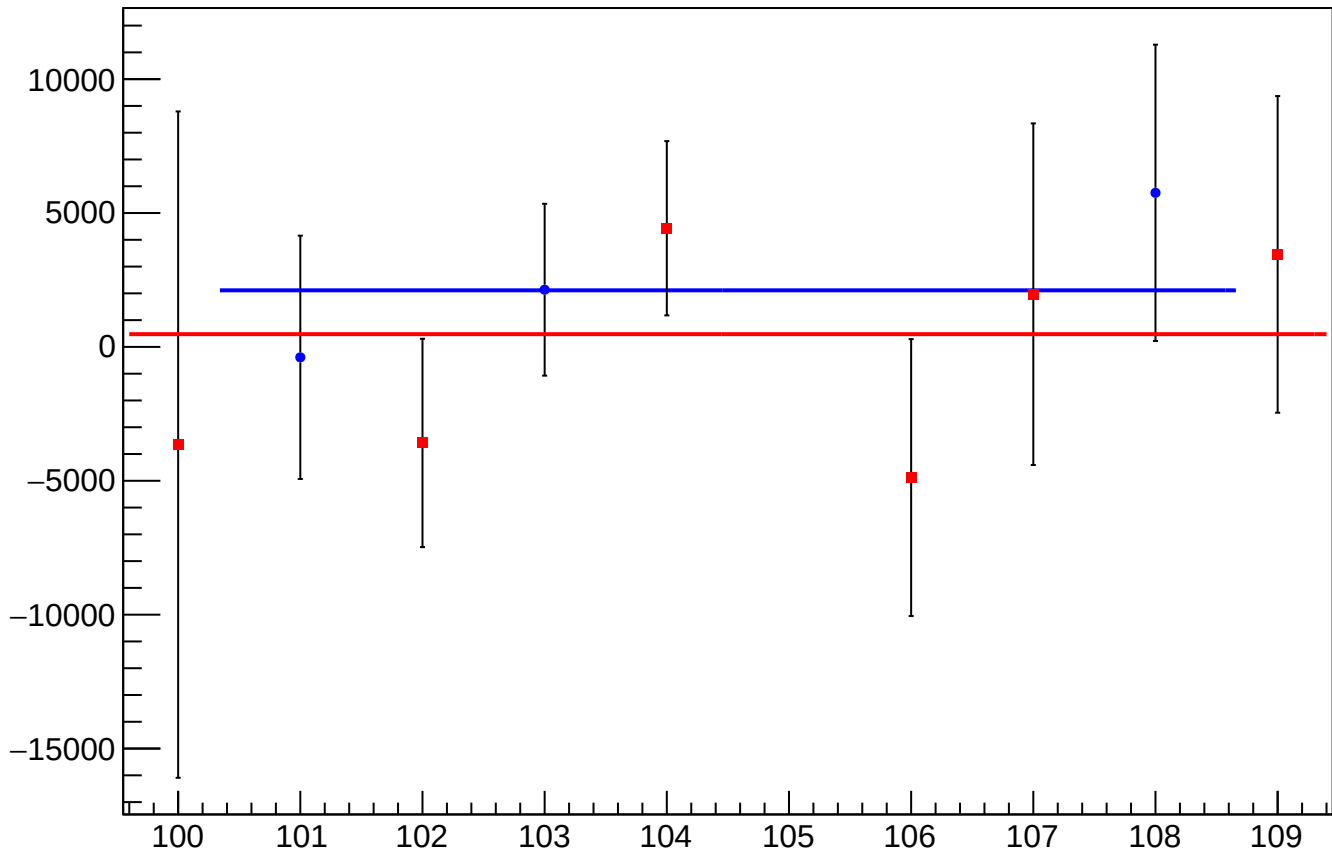
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1808.221+/-0.698 χ^2/NDF : 825815.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



Right In: 2113.016 $\pm$ 2368.626 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 475.896 $\pm$ 1970.512 χ^2 /NDF: 4.1/5

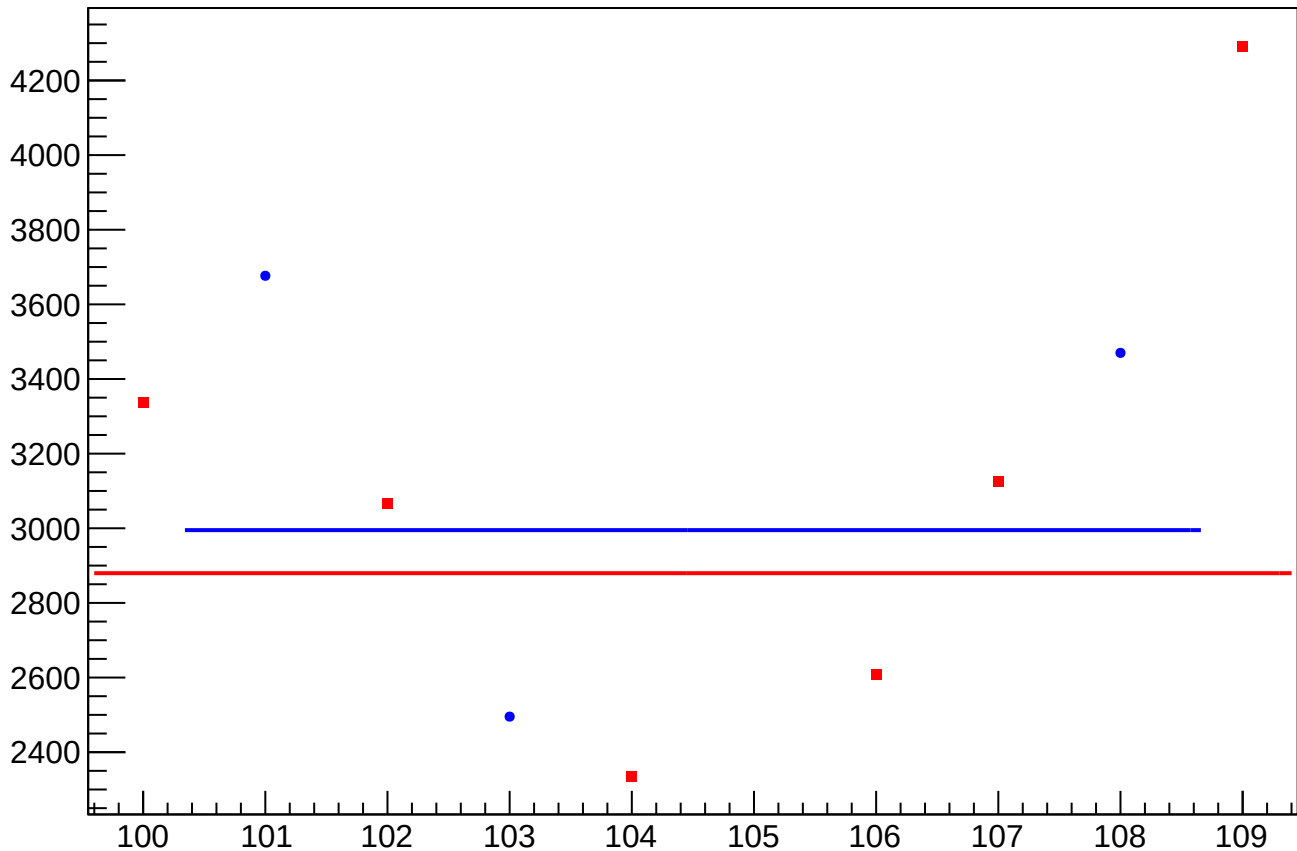
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1145.506 $\pm$ 1514.840 χ^2 /NDF: 5.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



Right In: 2995.017 $\pm$ 1.675 χ^2 /NDF: 108264.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2879.658 $\pm$ 1.393 χ^2 /NDF: 186119.2/5

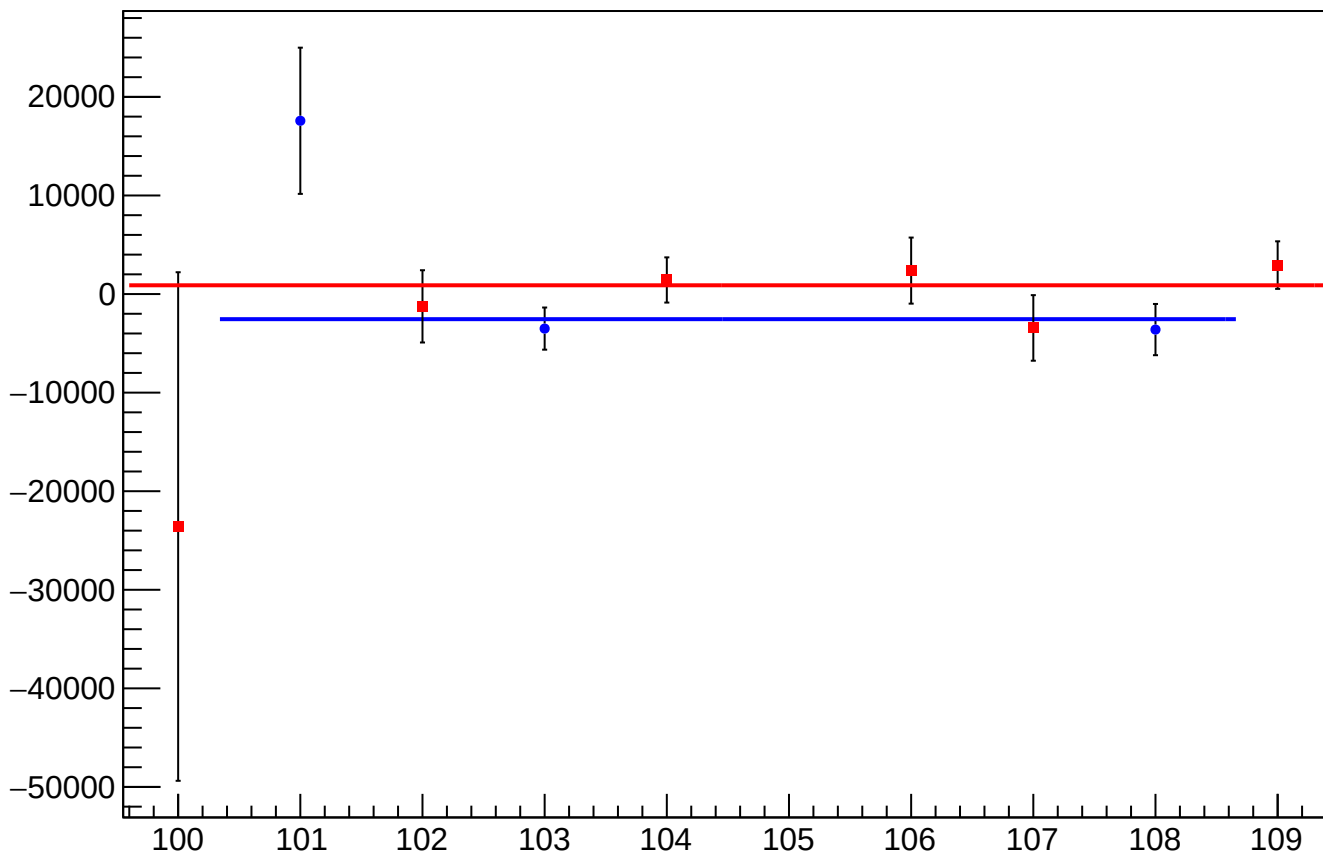
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2926.842 $\pm$ 1.071 χ^2 /NDF: 297187.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr_dd_mean vs Slug



Right In: -2547.196 ± 1611.388 χ^2/NDF : 7.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 889.419 ± 1272.739 χ^2/NDF : 3.9/5

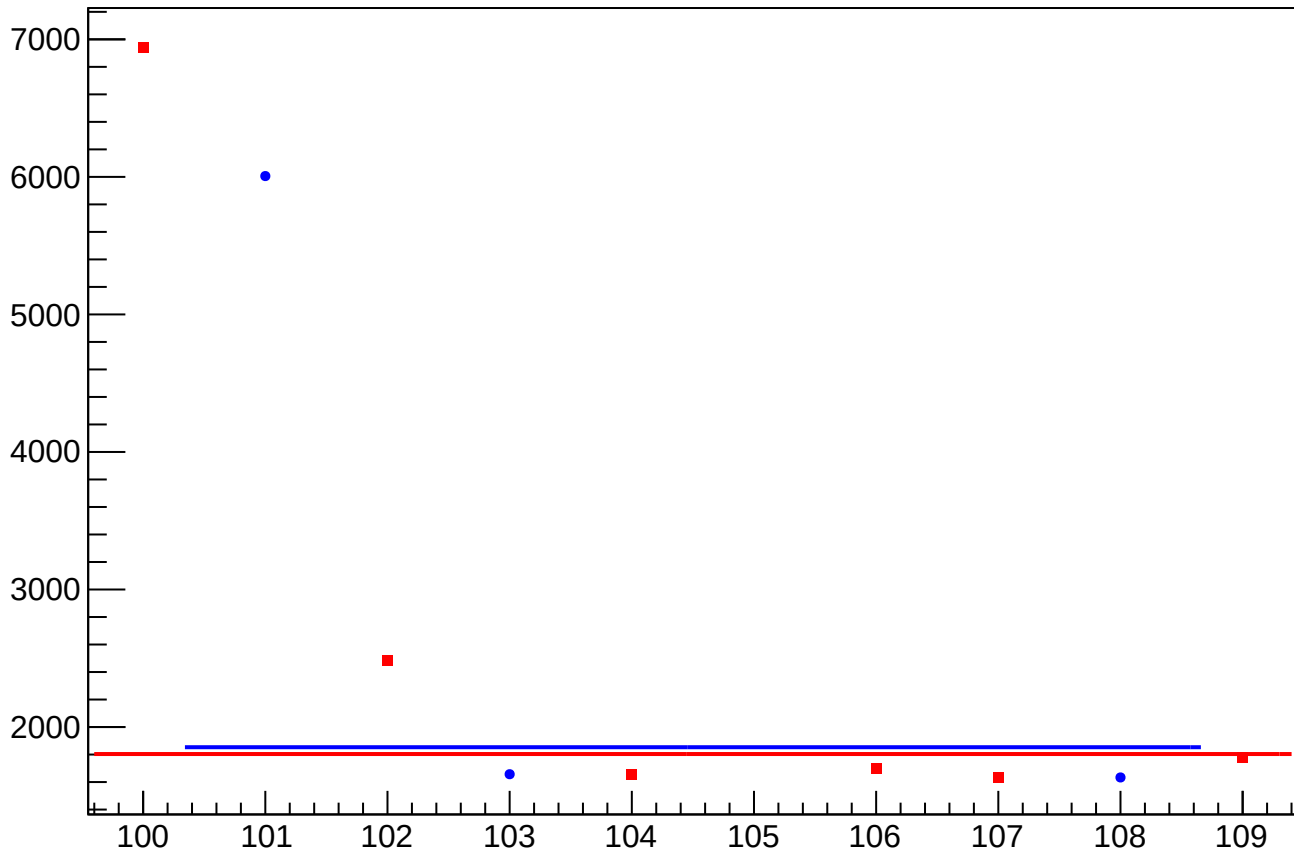
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -430.855 ± 998.773 χ^2/NDF : 14.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1853.288+/-1.139 χ^2/NDF : 658259.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1803.767+/-0.897 χ^2/NDF : 164255.8/5

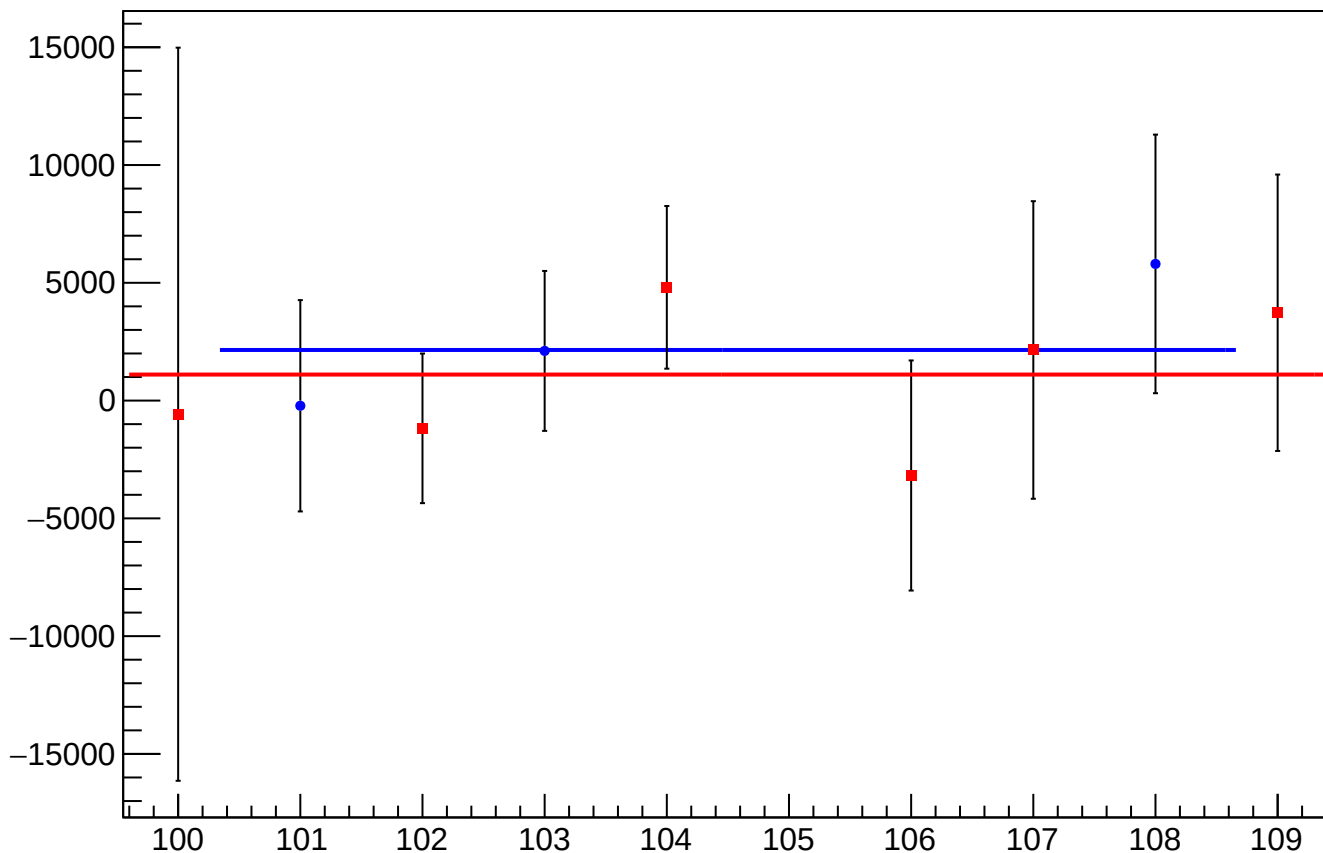
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1822.712+/-0.705 χ^2/NDF : 823681.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_mean vs Slug



Right In: 2148.885+/-2427.730 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1104.645+/-1879.115 χ^2/NDF : 2.7/5

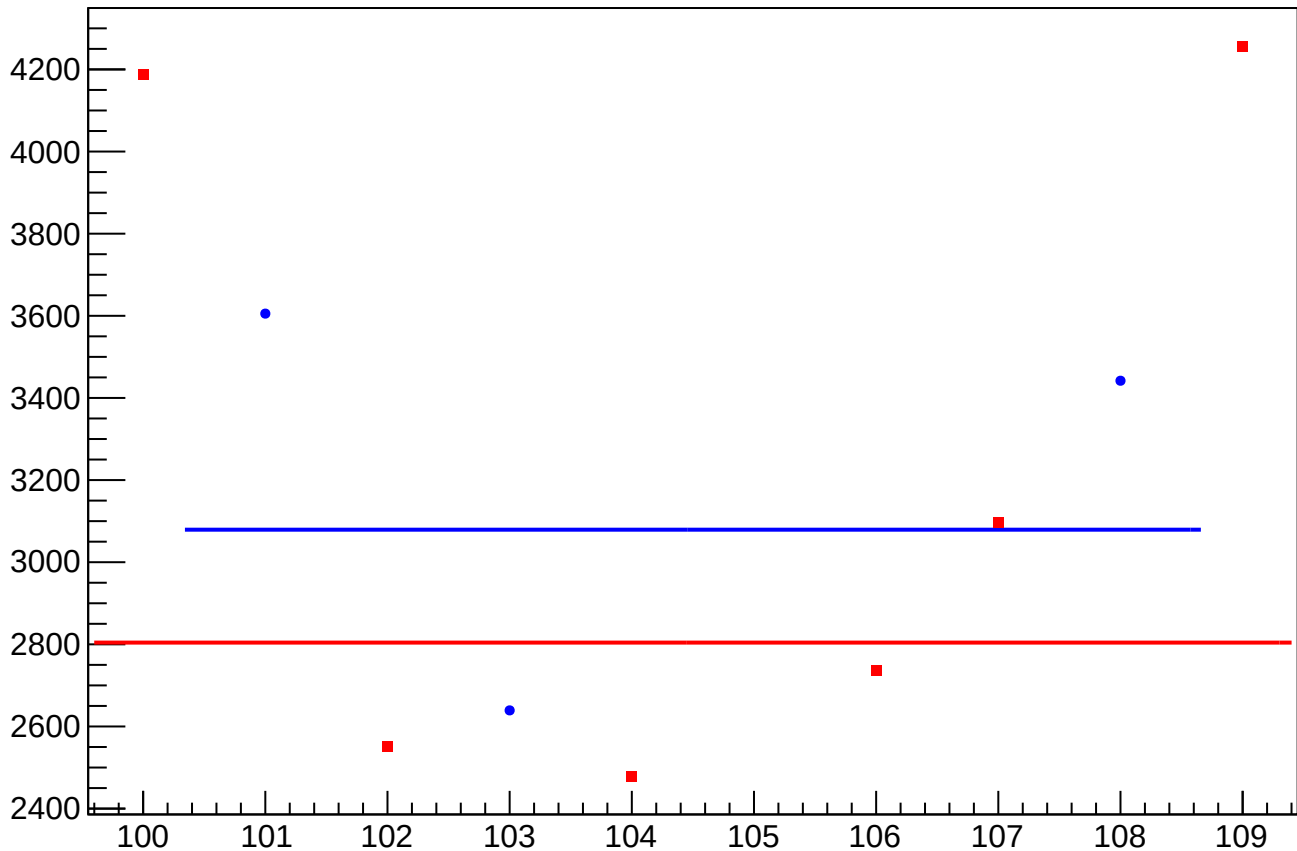
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1495.872+/-1485.985 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_rms vs Slug



Right In: 3079.192 $\pm$ 1.717 χ^2 /NDF: 69852.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2804.252 $\pm$ 1.329 χ^2 /NDF: 173452.2/5

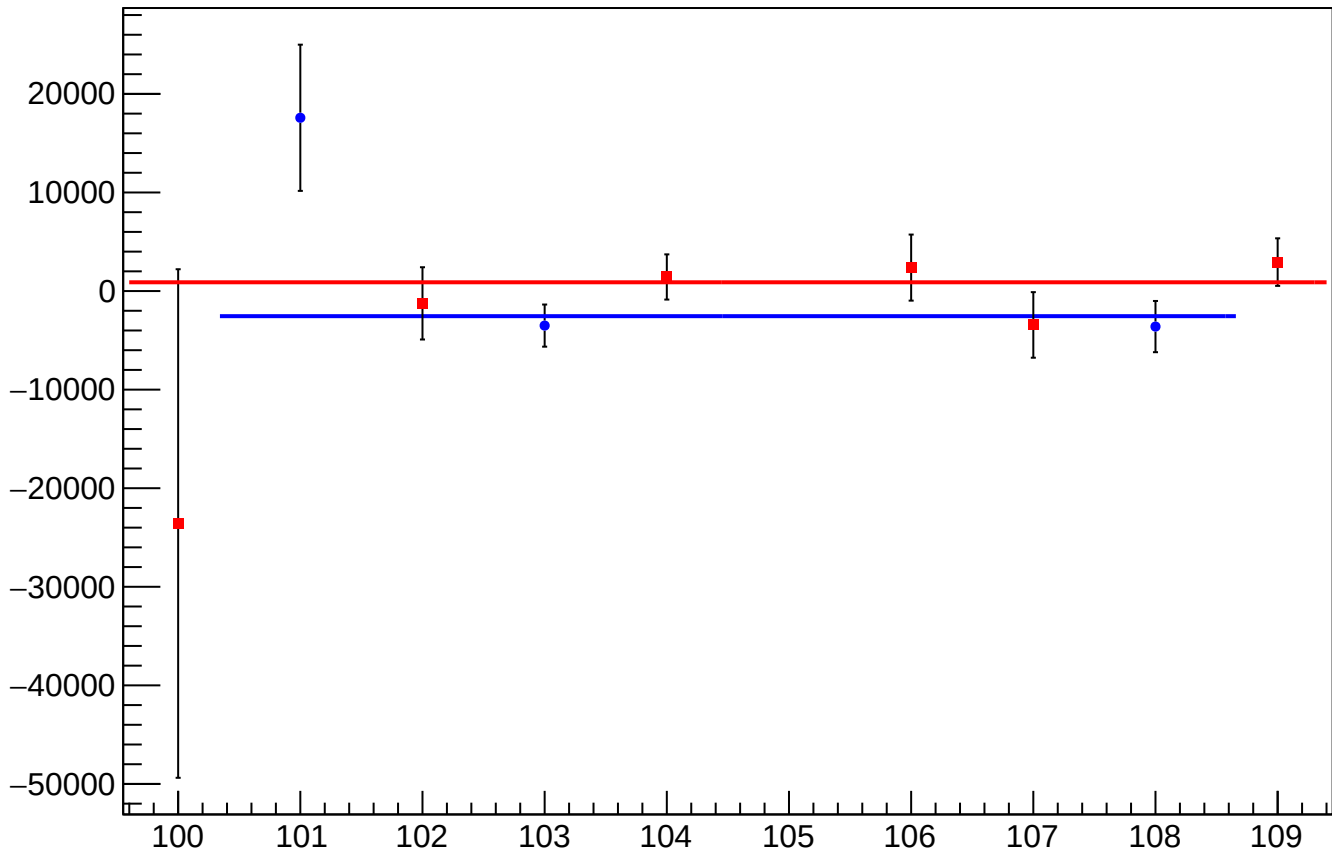
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2907.258 $\pm$ 1.051 χ^2 /NDF: 259345.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr_dd_mean vs Slug



Right In: -2547.194+/-1611.388 χ^2/NDF : 7.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 889.418+/-1272.739 χ^2/NDF : 3.9/5

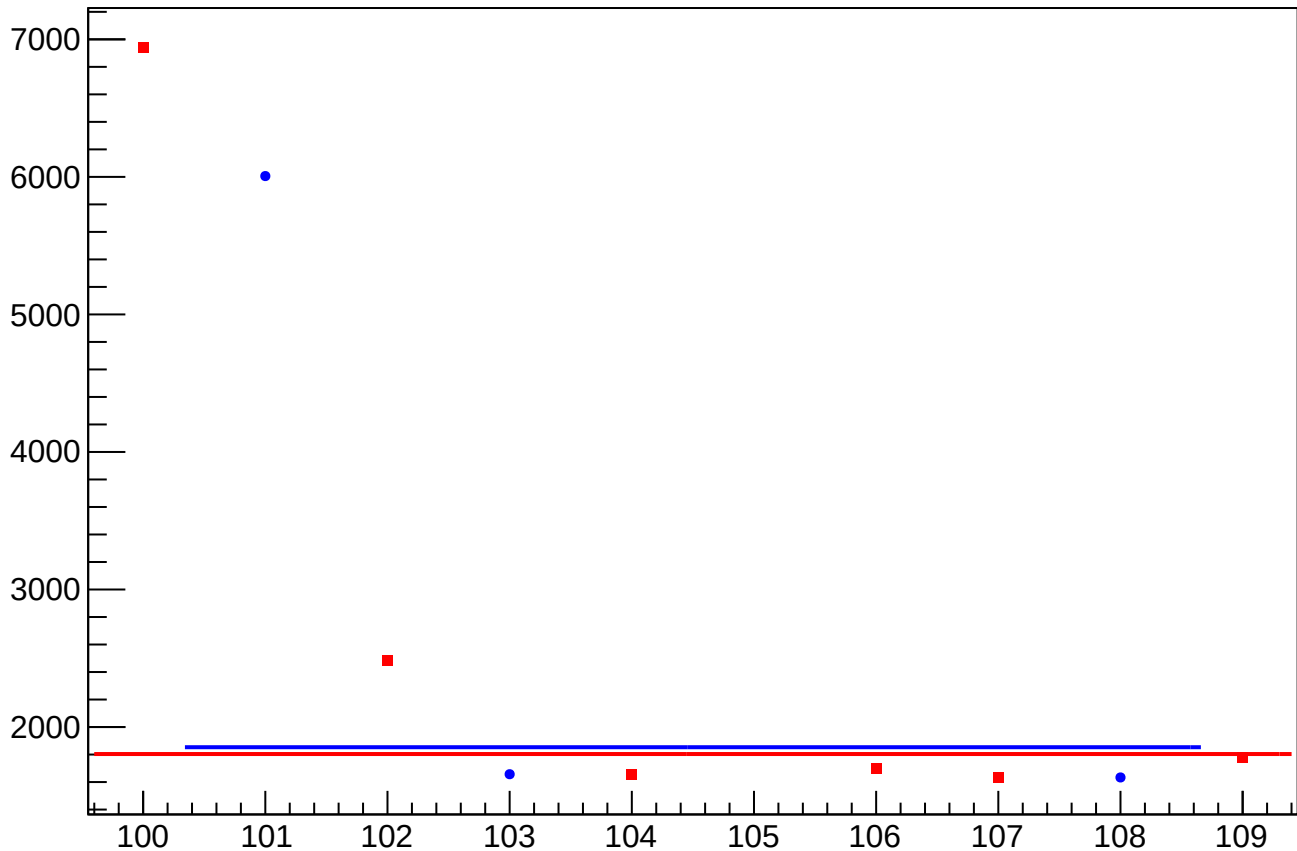
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -430.855+/-998.773 χ^2/NDF : 14.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1853.288 $\pm$ 1.139 χ^2 /NDF: 658259.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1803.767 $\pm$ 0.897 χ^2 /NDF: 164255.9/5

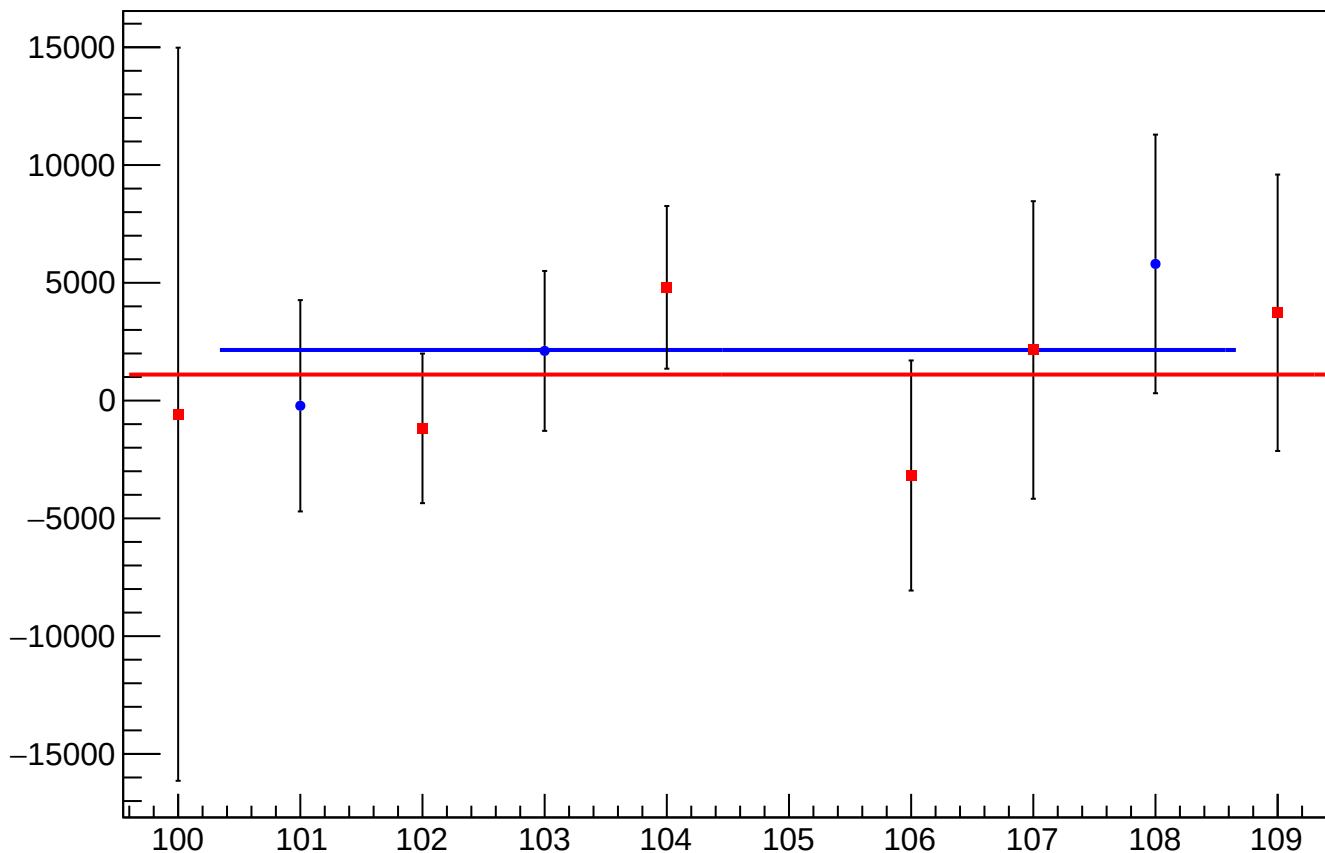
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1822.712 $\pm$ 0.705 χ^2 /NDF: 823681.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



Right In: 2148.891 $\pm$ 2427.730 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1104.647 $\pm$ 1879.114 χ^2 /NDF: 2.7/5

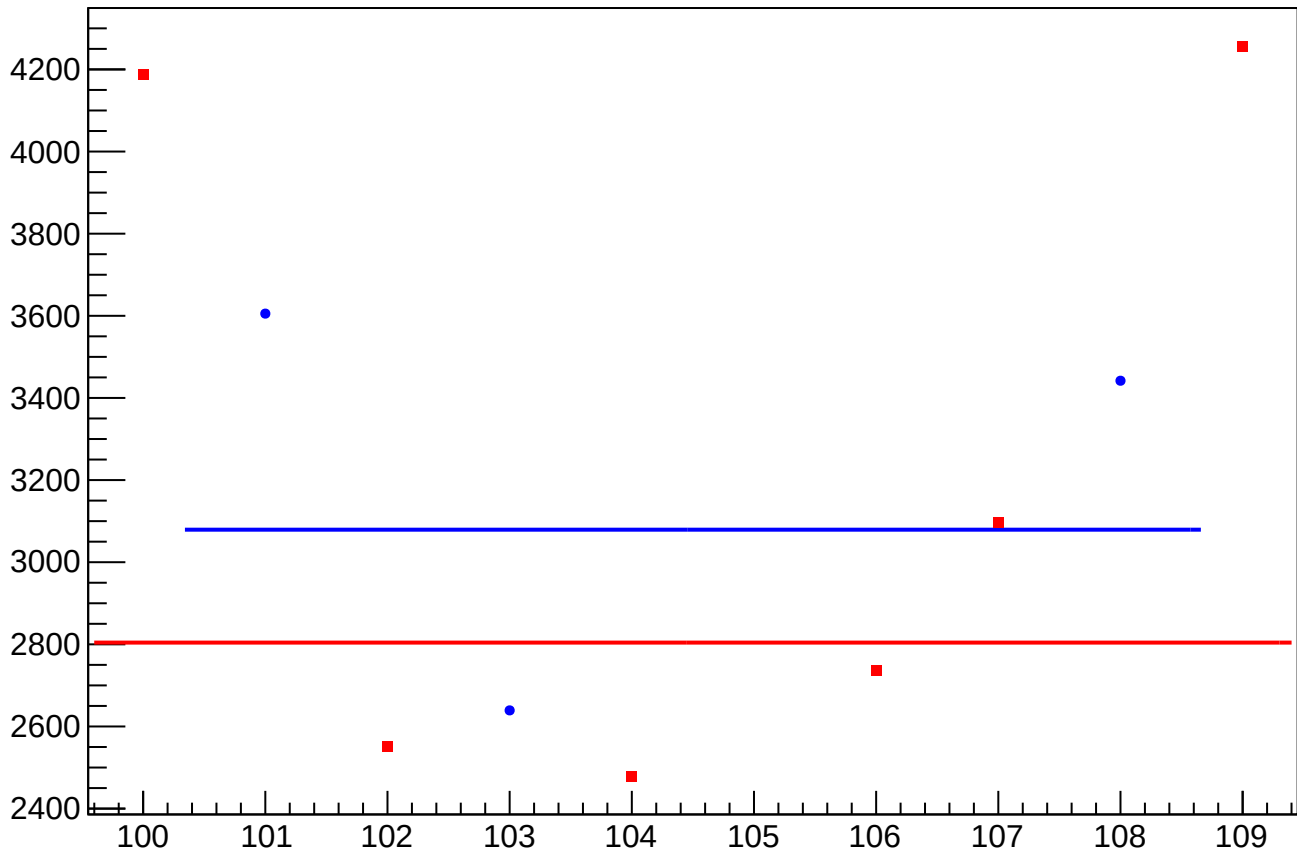
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1495.875 $\pm$ 1485.984 χ^2 /NDF: 3.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3079.192 $\pm$ 1.717 χ^2 /NDF: 69852.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2804.250 $\pm$ 1.329 χ^2 /NDF: 173451.5/5

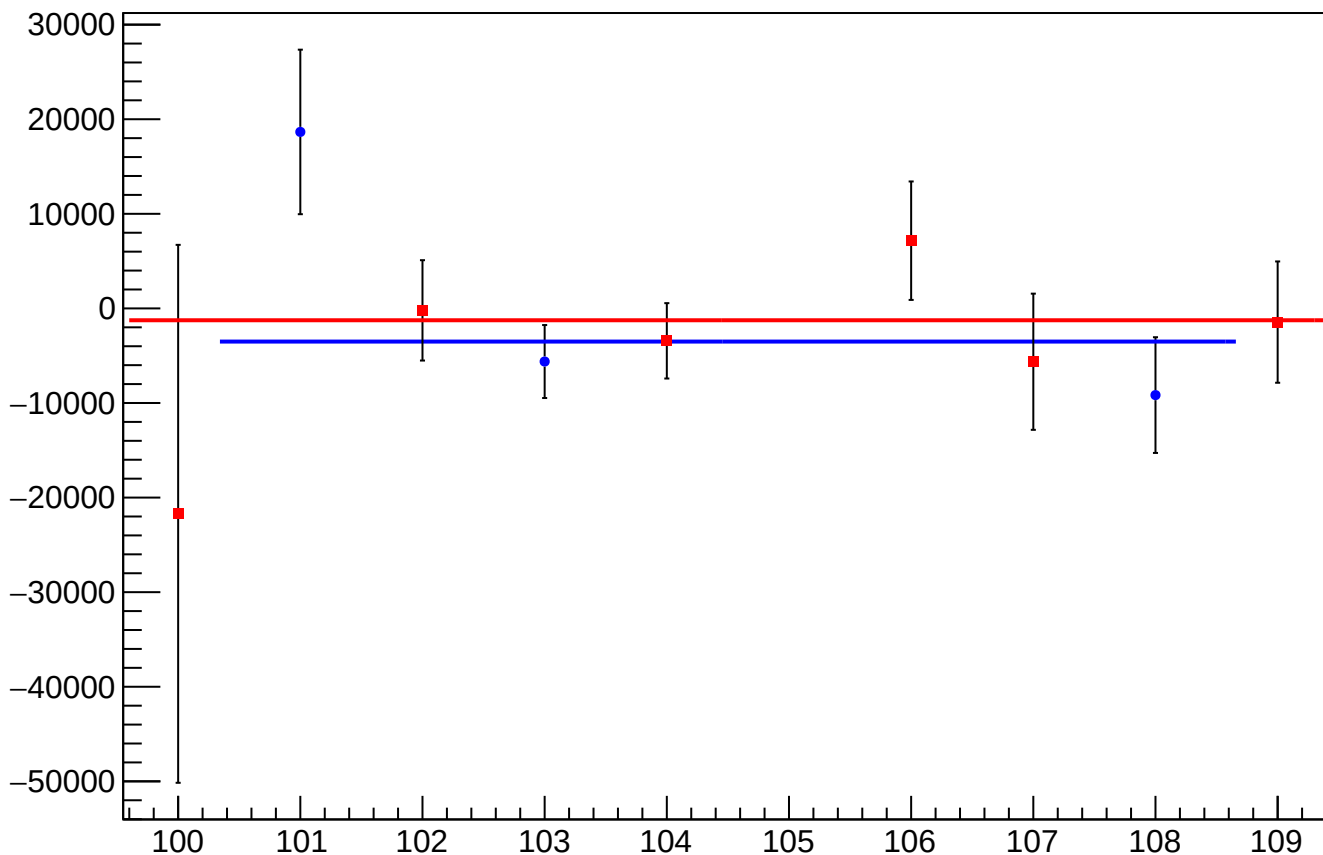
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2907.257 $\pm$ 1.051 χ^2 /NDF: 259344.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_mean vs Slug



Right In: -3506.172 ± 3054.985 χ^2/NDF : 7.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1252.902 ± 2433.366 χ^2/NDF : 3.0/5

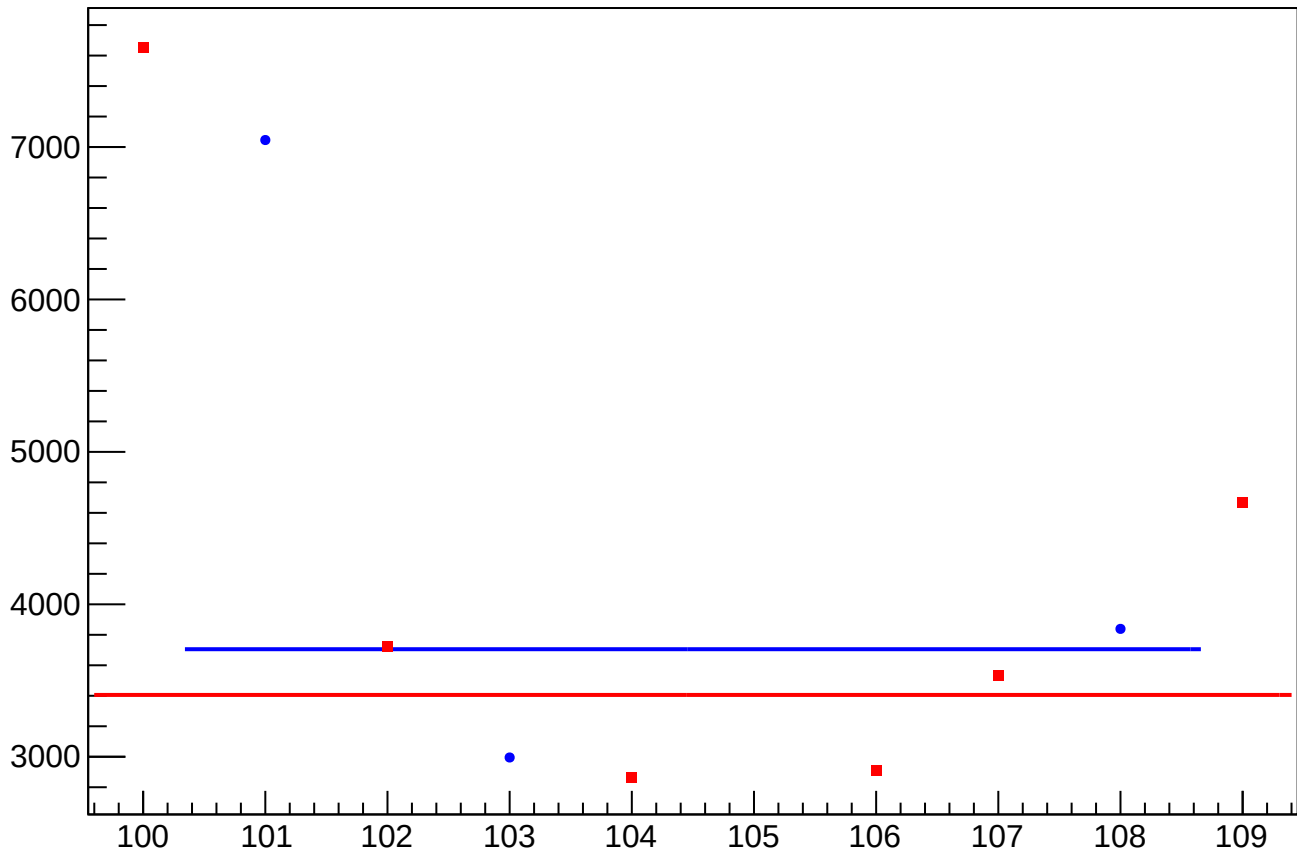
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2127.561 ± 1903.364 χ^2/NDF : 11.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_rms vs Slug



Right In: 3705.485 $\pm$ 2.160 χ^2 /NDF: 363825.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3405.537 $\pm$ 1.690 χ^2 /NDF: 182685.2/5

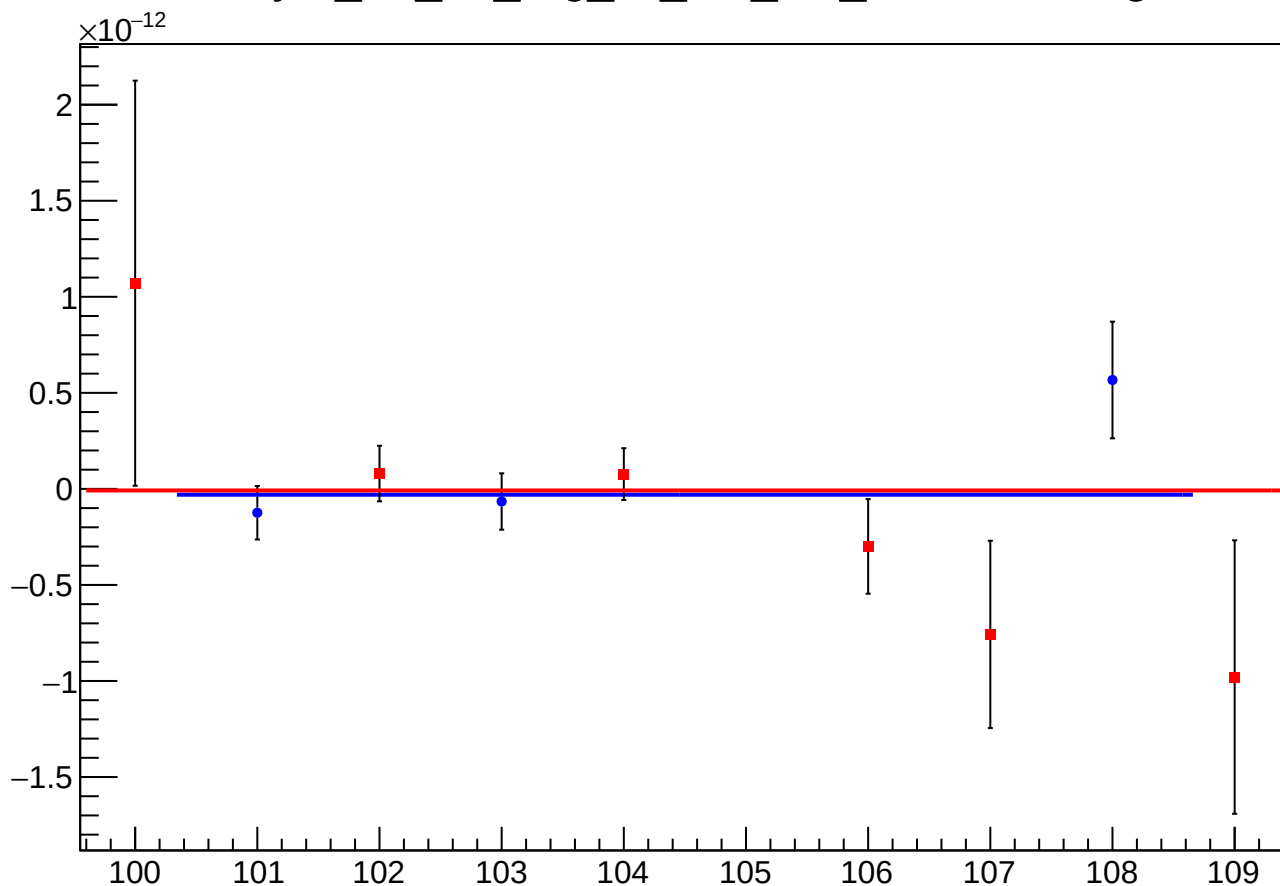
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3519.381 $\pm$ 1.331 χ^2 /NDF: 558472.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 4.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.4/5

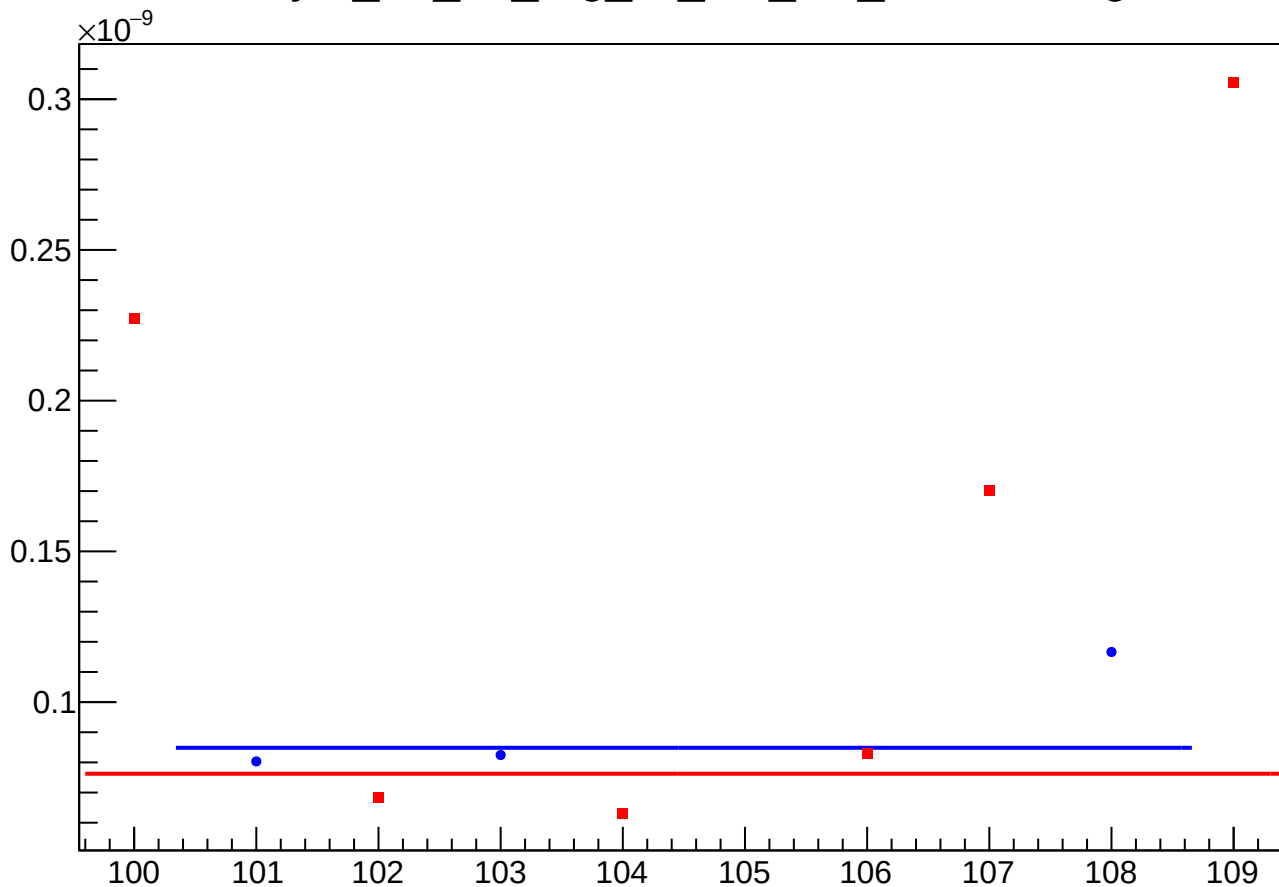
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 24535.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 349367.5/5

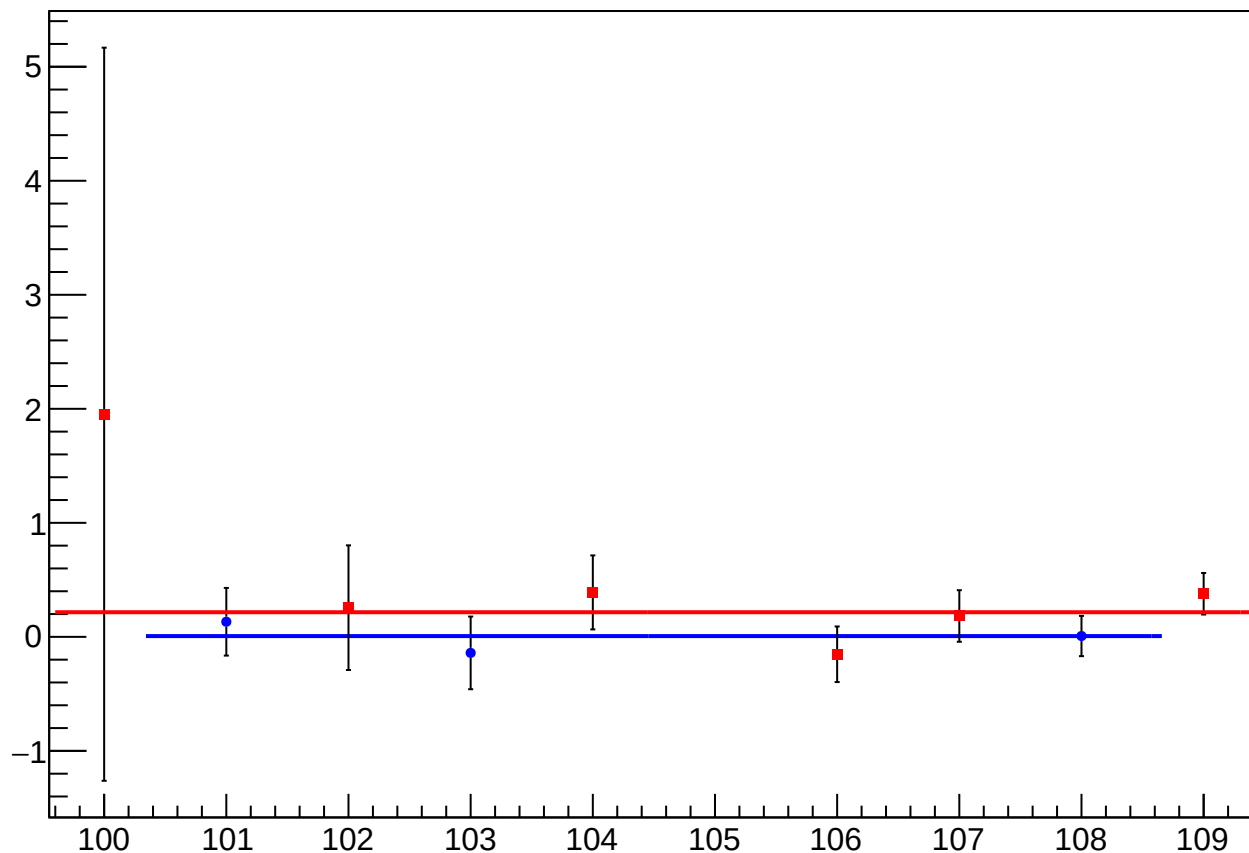
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 382579.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.137 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.216 $\pm$ 0.112 χ^2 /NDF: 3.7/5

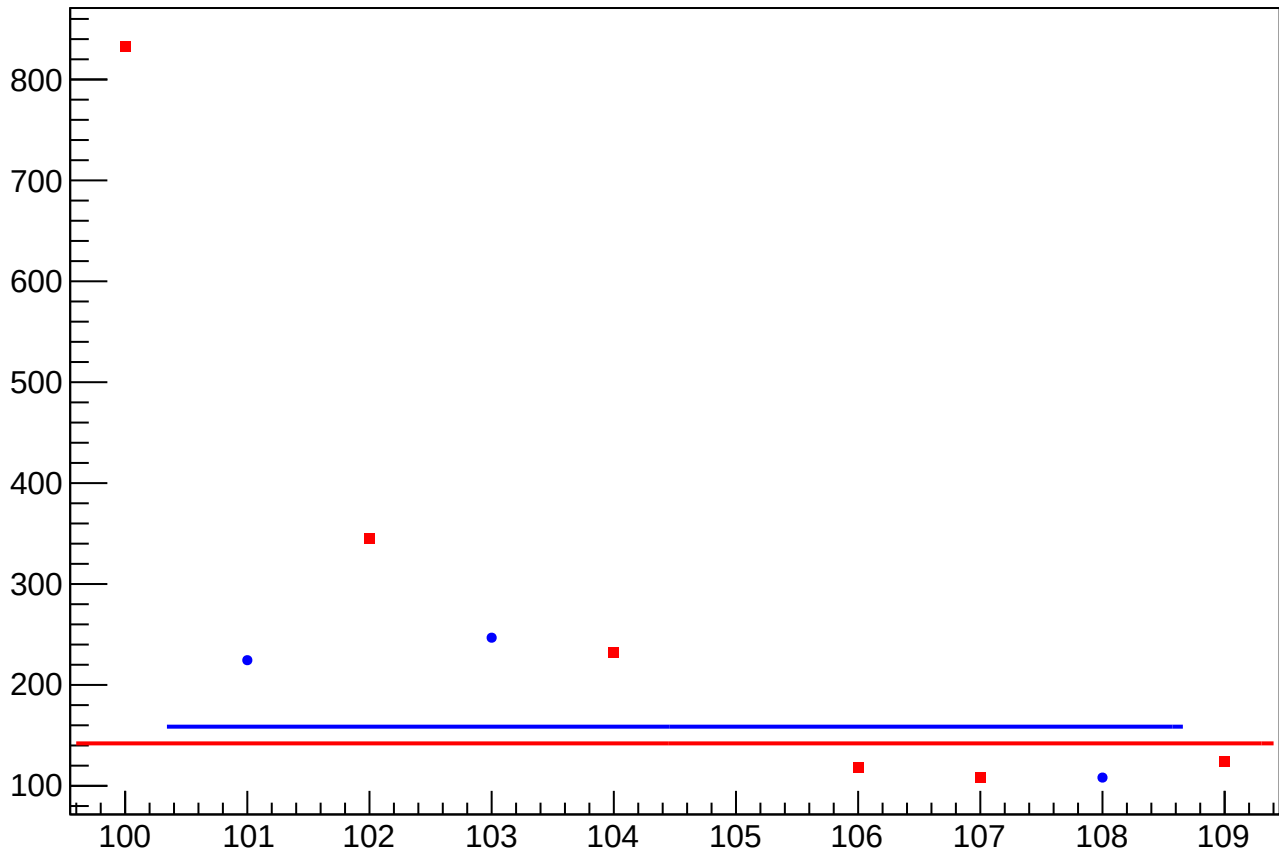
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.132 $\pm$ 0.087 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 158.645 $\pm$ 0.097 χ^2 /NDF: 414829.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.077 $\pm$ 0.079 χ^2 /NDF: 606799.4/5

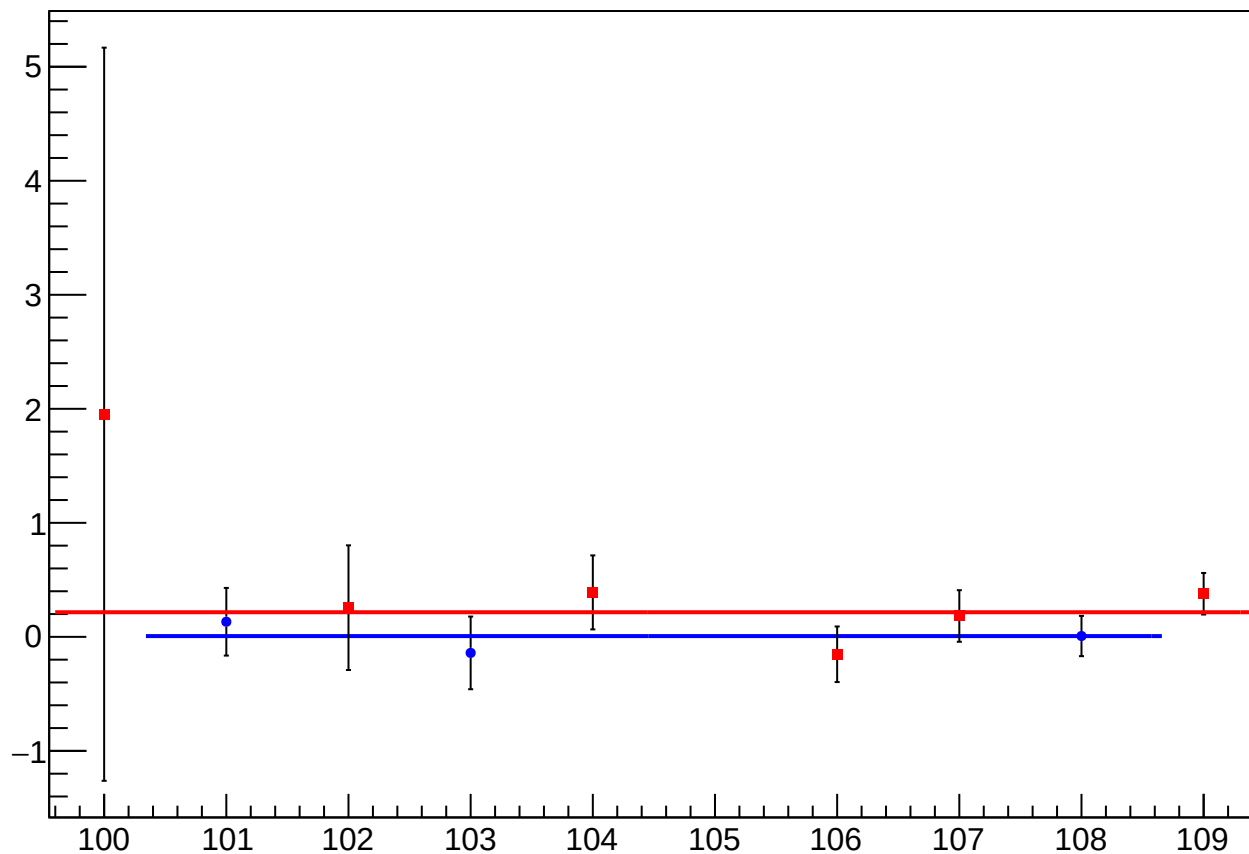
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.725 $\pm$ 0.061 χ^2 /NDF: 1039132.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.137 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.216 $\pm$ 0.112 χ^2 /NDF: 3.7/5

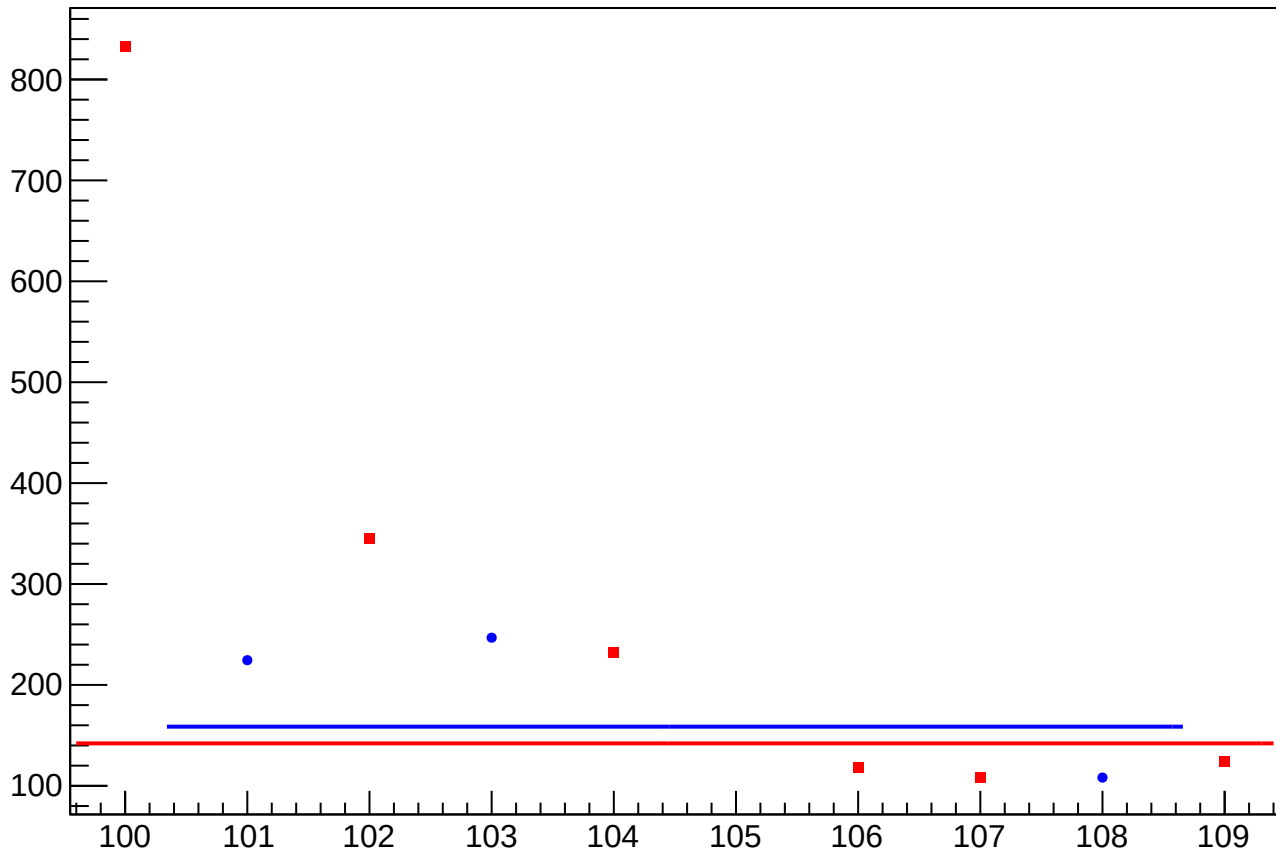
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.132 $\pm$ 0.087 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 158.645 $\pm$ 0.097 χ^2 /NDF: 414829.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.077 $\pm$ 0.079 χ^2 /NDF: 606799.4/5

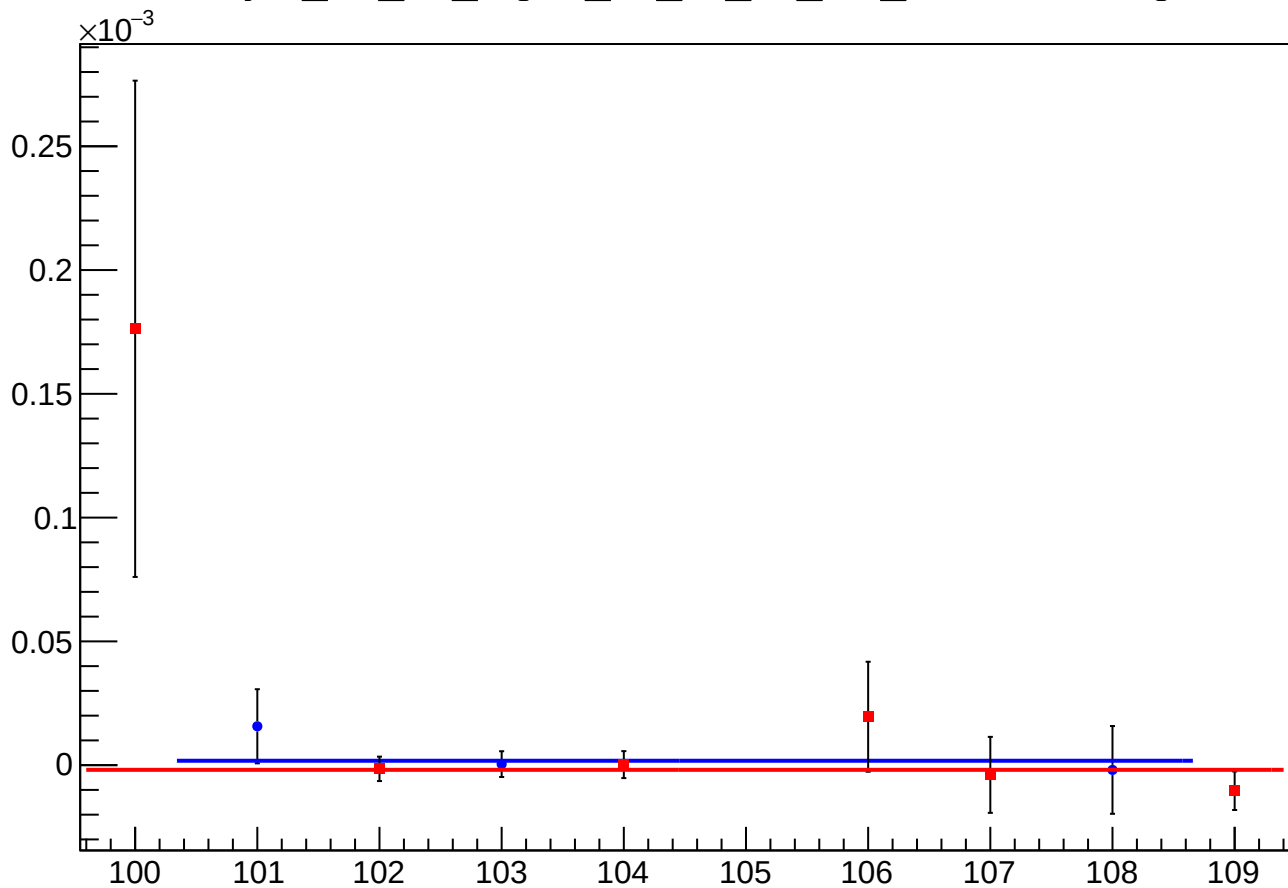
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.725 $\pm$ 0.061 χ^2 /NDF: 1039132.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/5

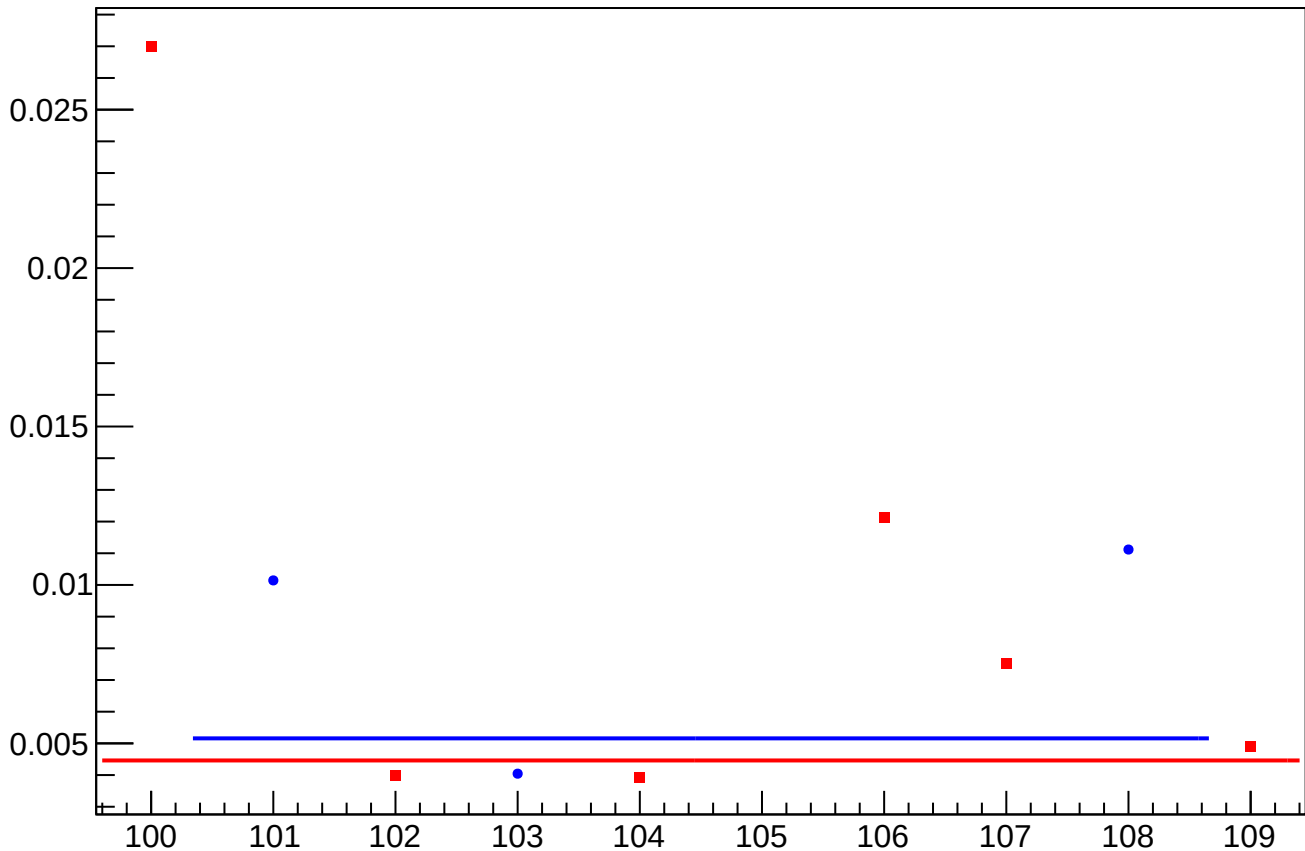
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005 $\pm$ 0.000 χ^2 /NDF: 539569.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 463979.5/5

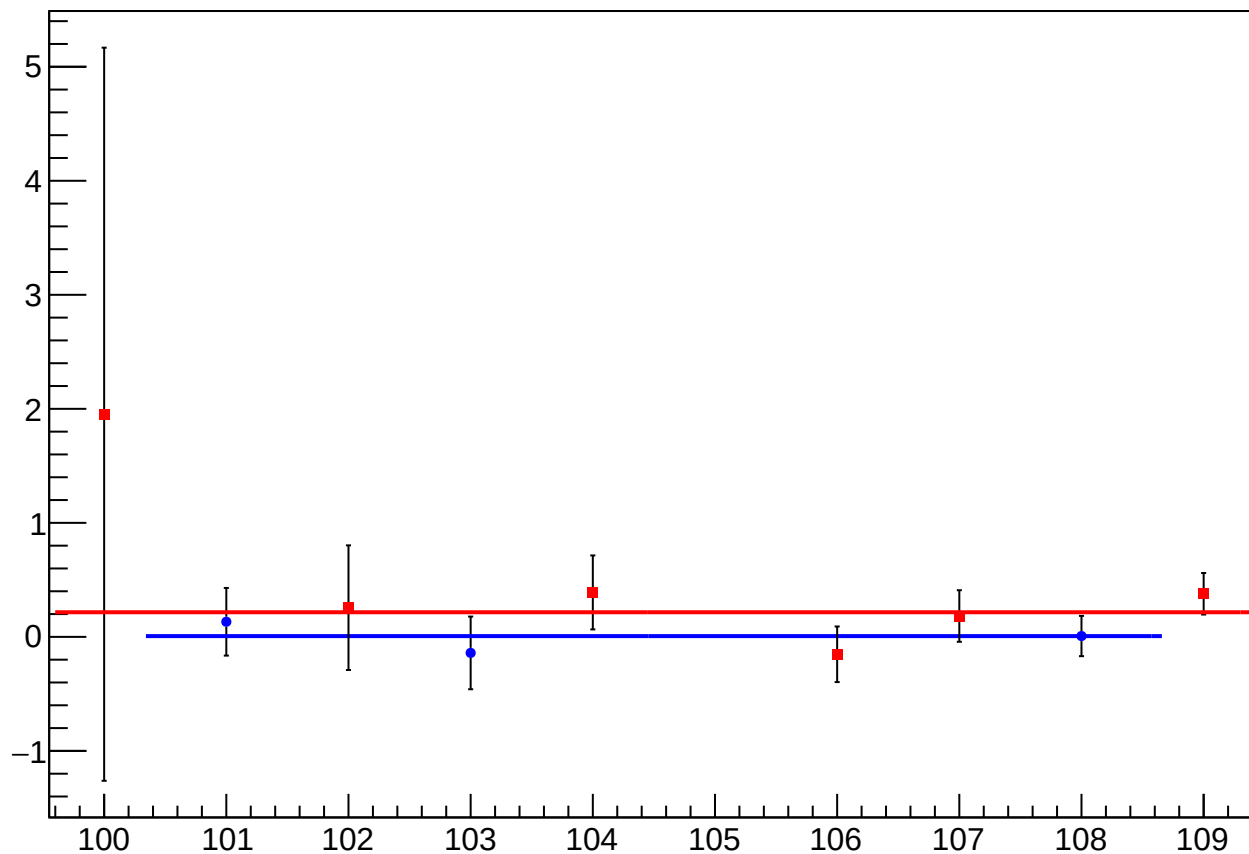
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.000 χ^2 /NDF: 1033322.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.137 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.216 $\pm$ 0.112 χ^2 /NDF: 3.7/5

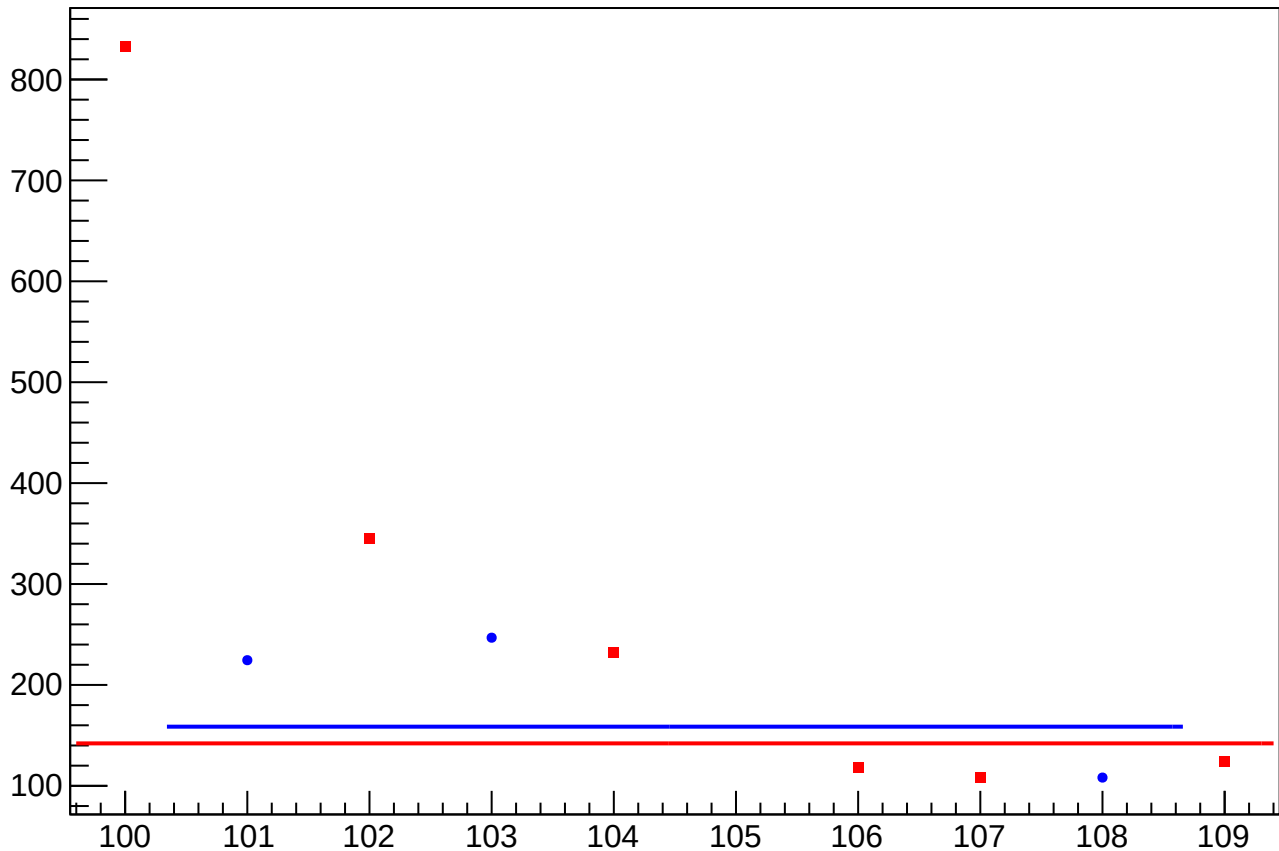
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.132 $\pm$ 0.087 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 158.640 $\pm$ 0.097 χ^2 /NDF: 414870.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.078 $\pm$ 0.079 χ^2 /NDF: 606808.6/5

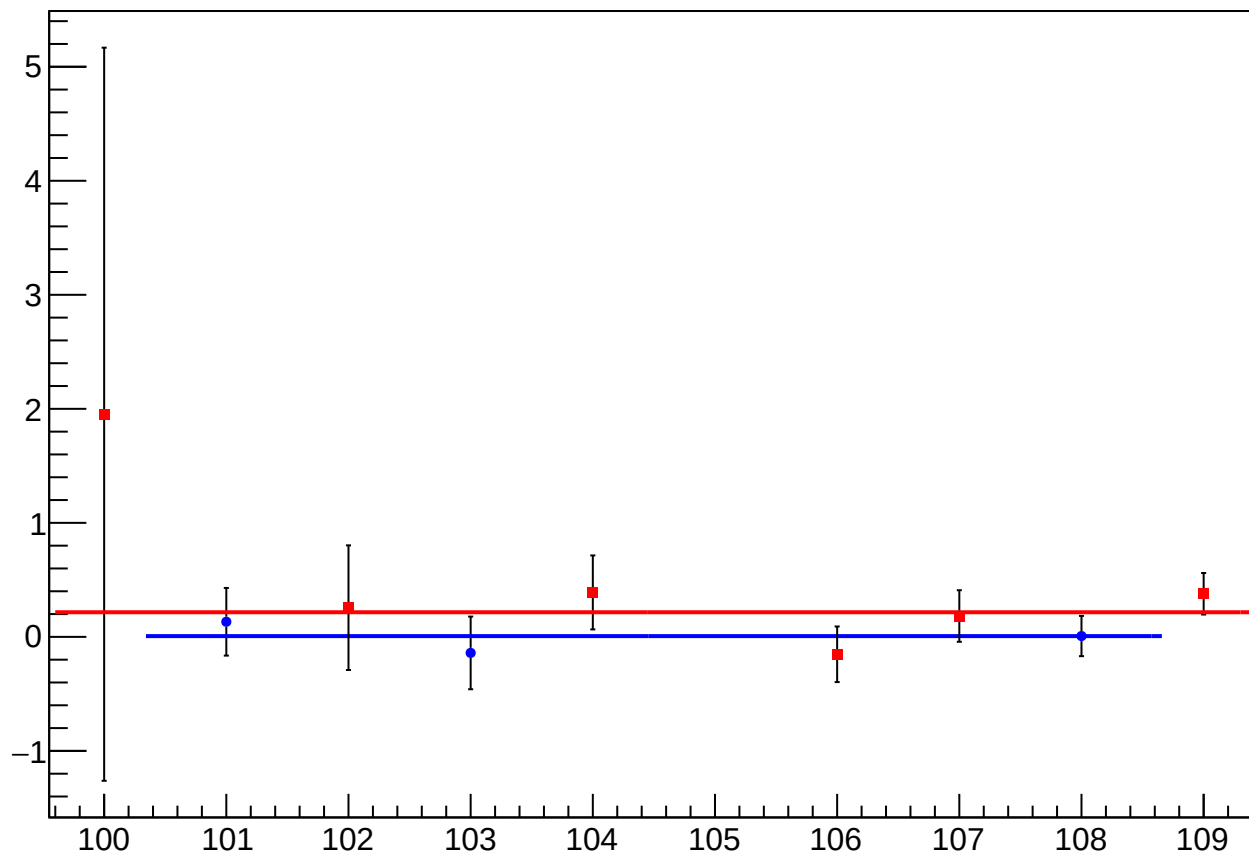
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.723 $\pm$ 0.061 χ^2 /NDF: 1039171.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.137 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.216 $\pm$ 0.112 χ^2 /NDF: 3.7/5

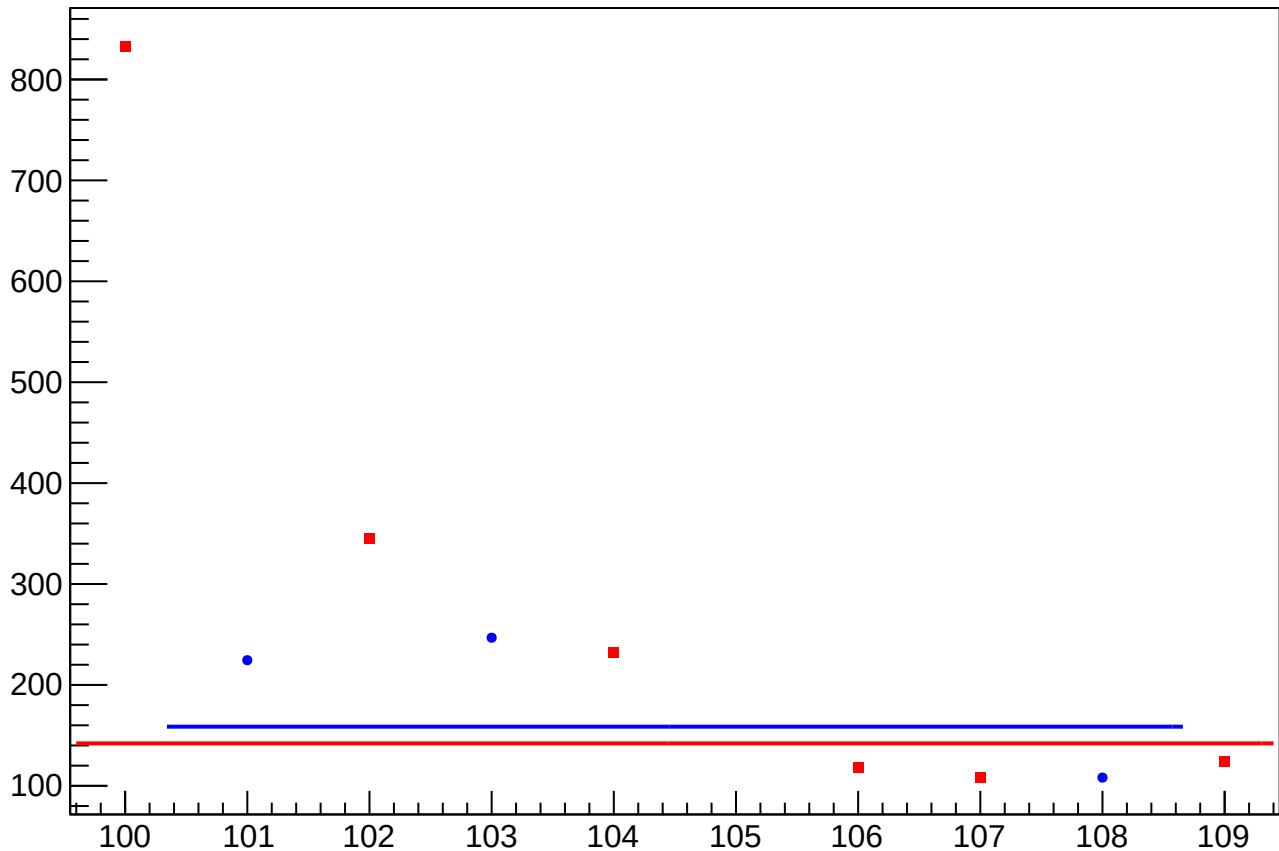
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.132 $\pm$ 0.087 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 158.640 $\pm$ 0.097 χ^2 /NDF: 414870.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.078 $\pm$ 0.079 χ^2 /NDF: 606808.6/5

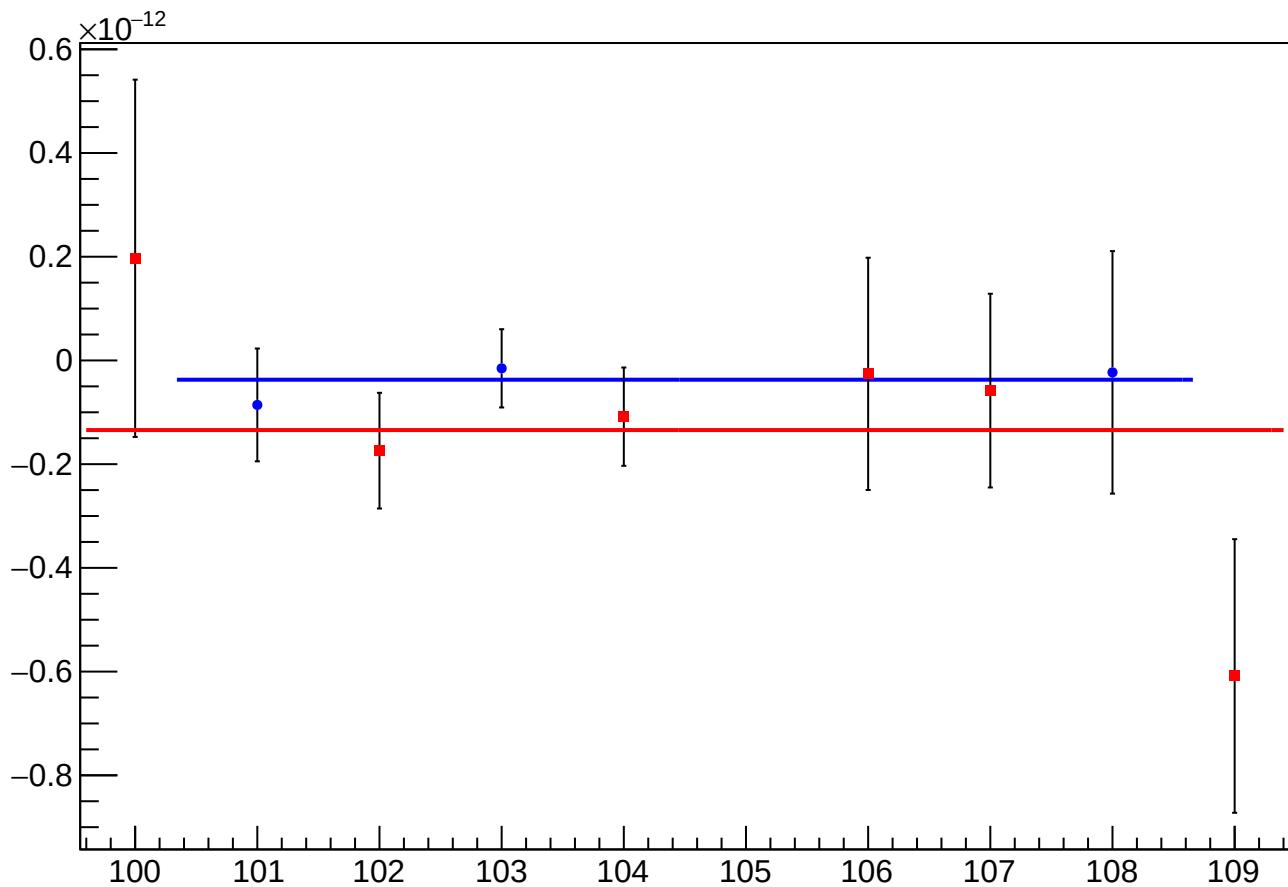
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.723 $\pm$ 0.061 χ^2 /NDF: 1039171.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 4.8/5

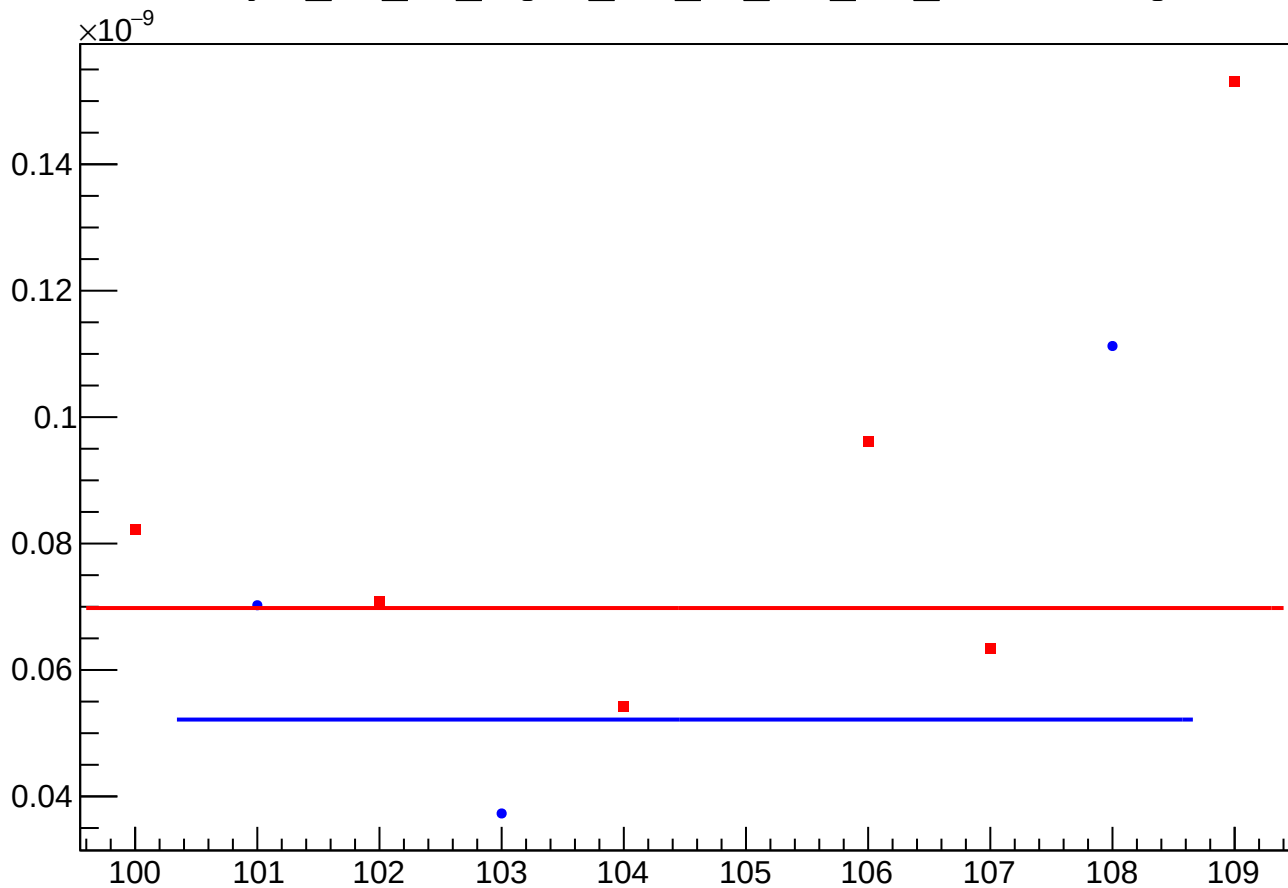
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 260468.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 285621.3/5

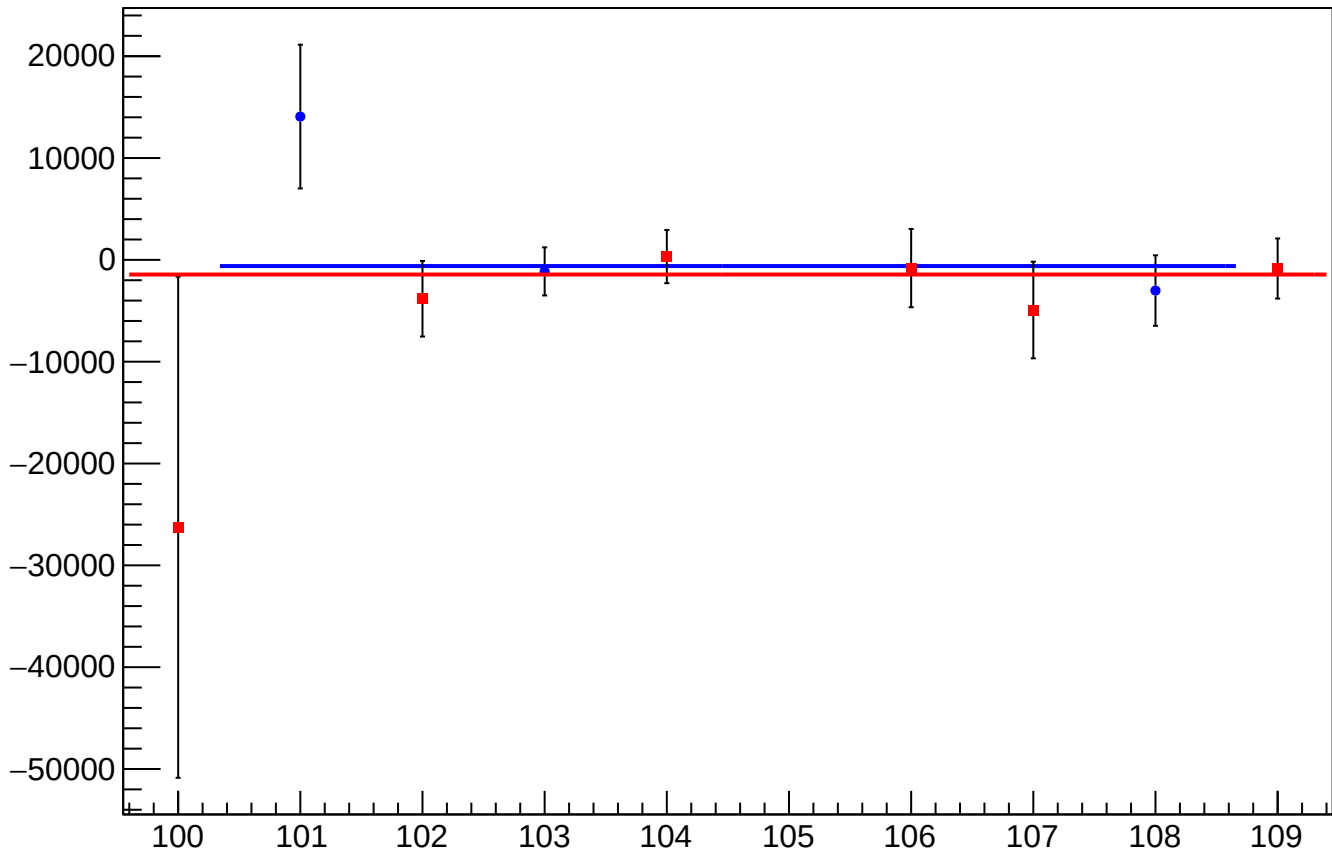
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 630280.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_mean vs Slug



Right In: -609.305+/-1880.934 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1440.572+/-1494.528 χ^2/NDF : 2.5/5

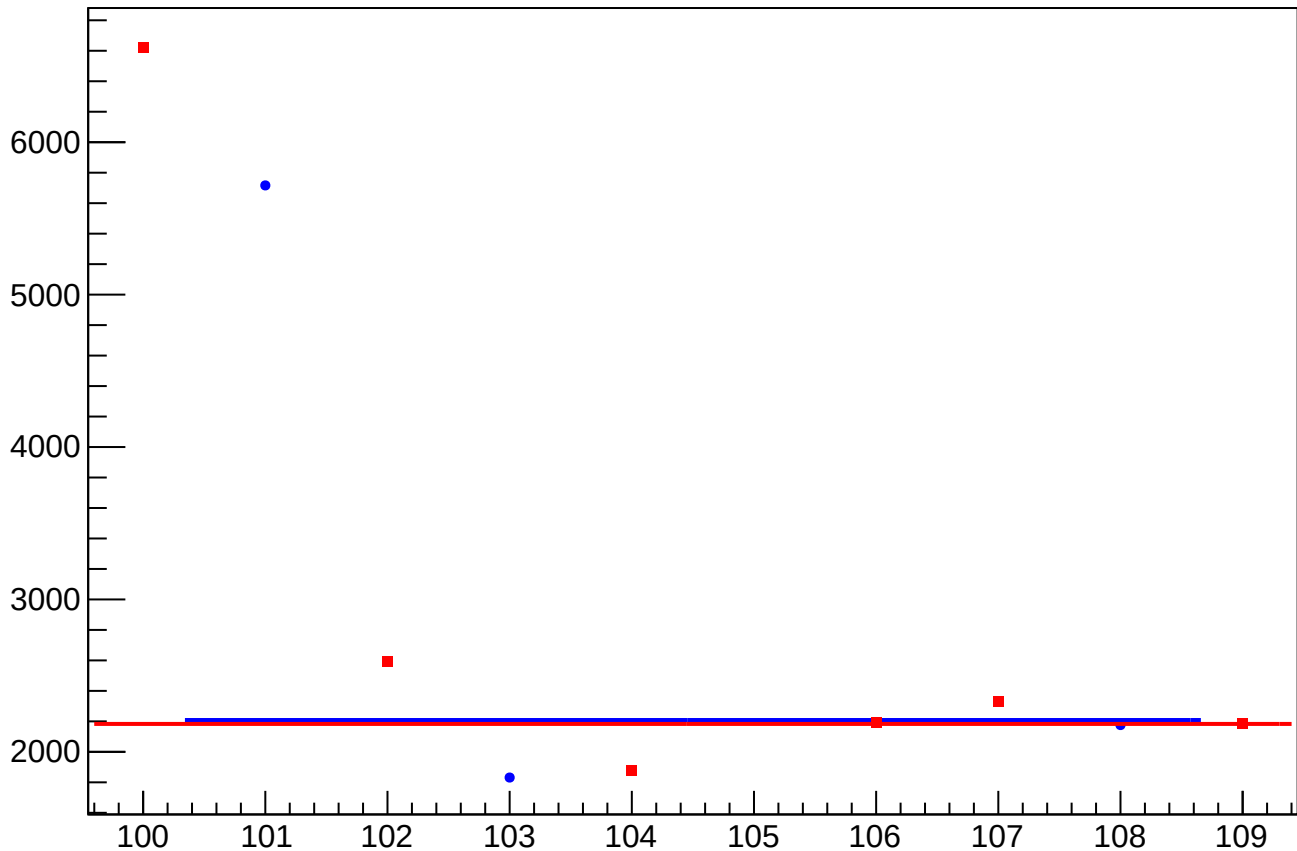
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1118.867+/-1170.125 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_rms vs Slug



Right In: 2208.912 $\pm$ 1.330 χ^2 /NDF: 544984.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2183.198 $\pm$ 1.057 χ^2 /NDF: 118445.6/5

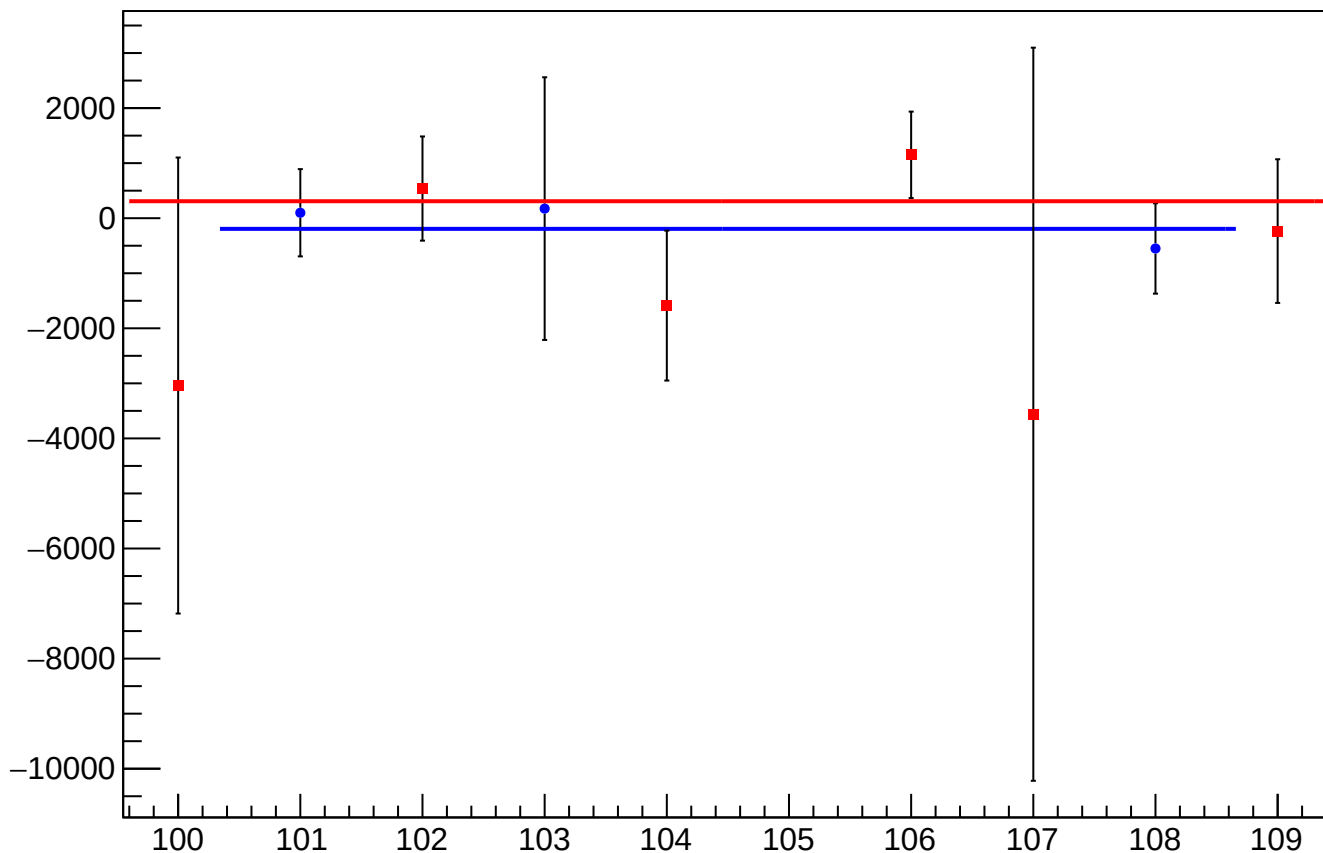
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2193.149 $\pm$ 0.827 χ^2 /NDF: 663659.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_correction_mean vs Slug



Right In: -193.598+/-554.400 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 308.236+/-503.425 χ^2/NDF : 4.3/5

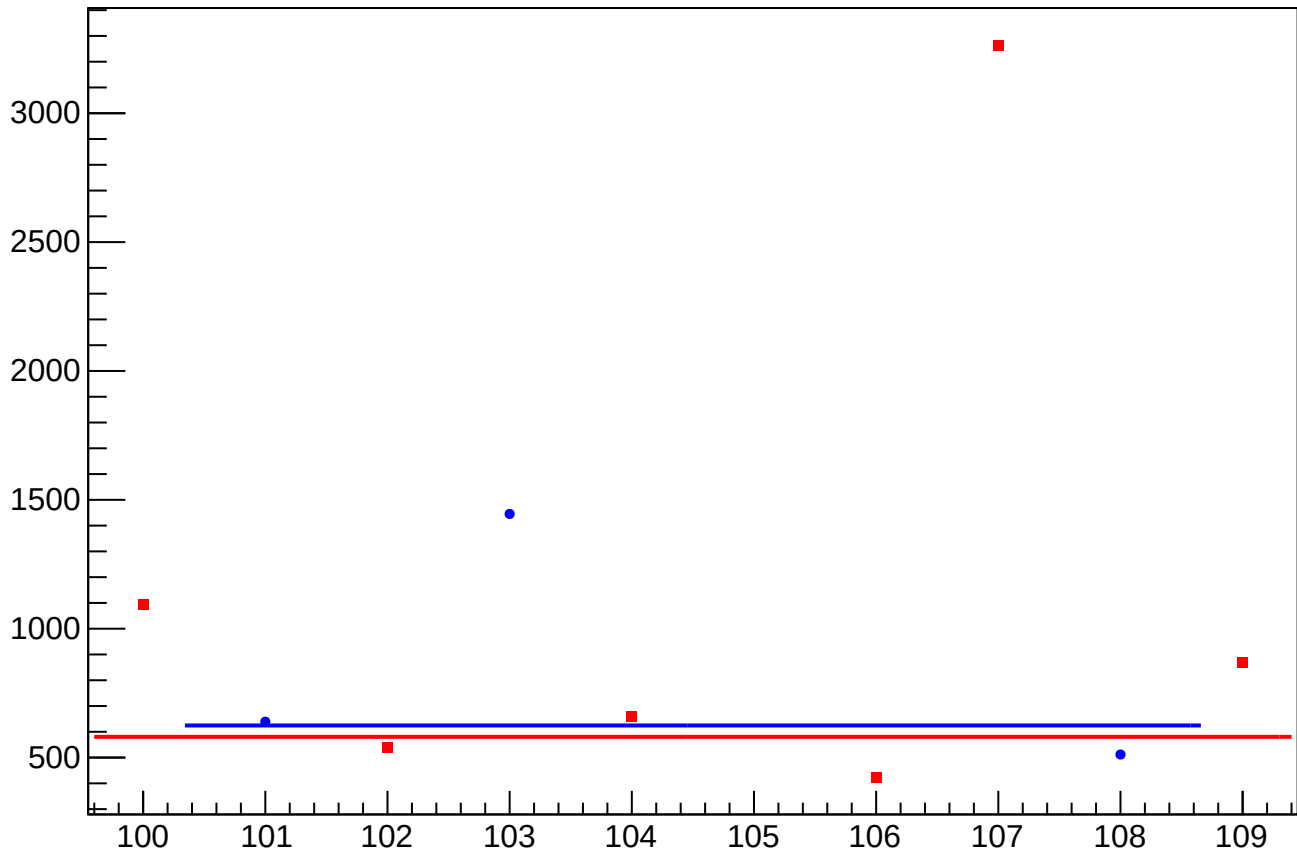
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.446+/-372.697 χ^2/NDF : 5.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



Right In: 624.524 $\pm$ 0.392 χ^2 /NDF: 275163.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 580.369 $\pm$ 0.356 χ^2 /NDF: 544808.1/5

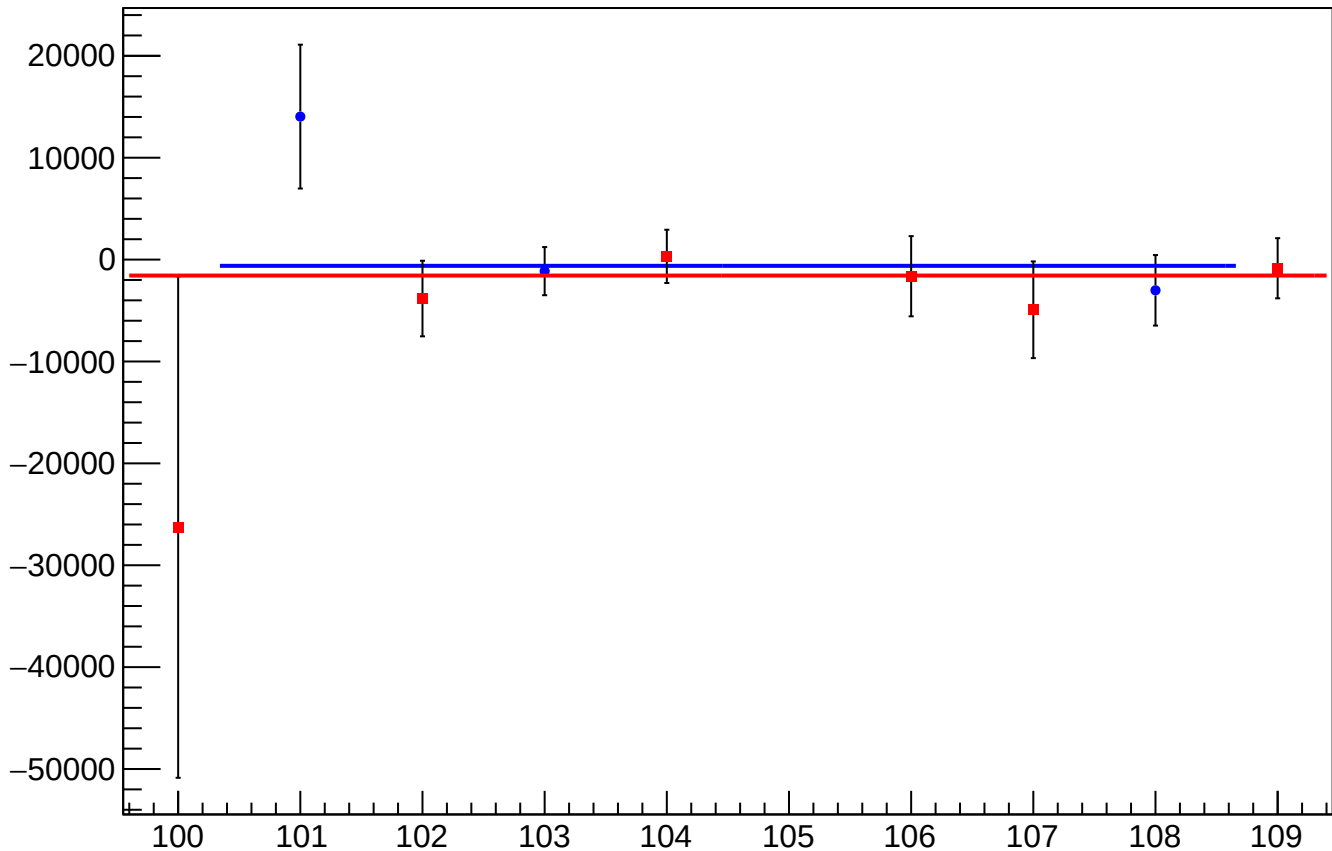
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 600.324 $\pm$ 0.264 χ^2 /NDF: 826925.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_mean vs Slug



Right In: -611.070+/-1880.935 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1566.429+/-1499.966 χ^2/NDF : 2.5/5

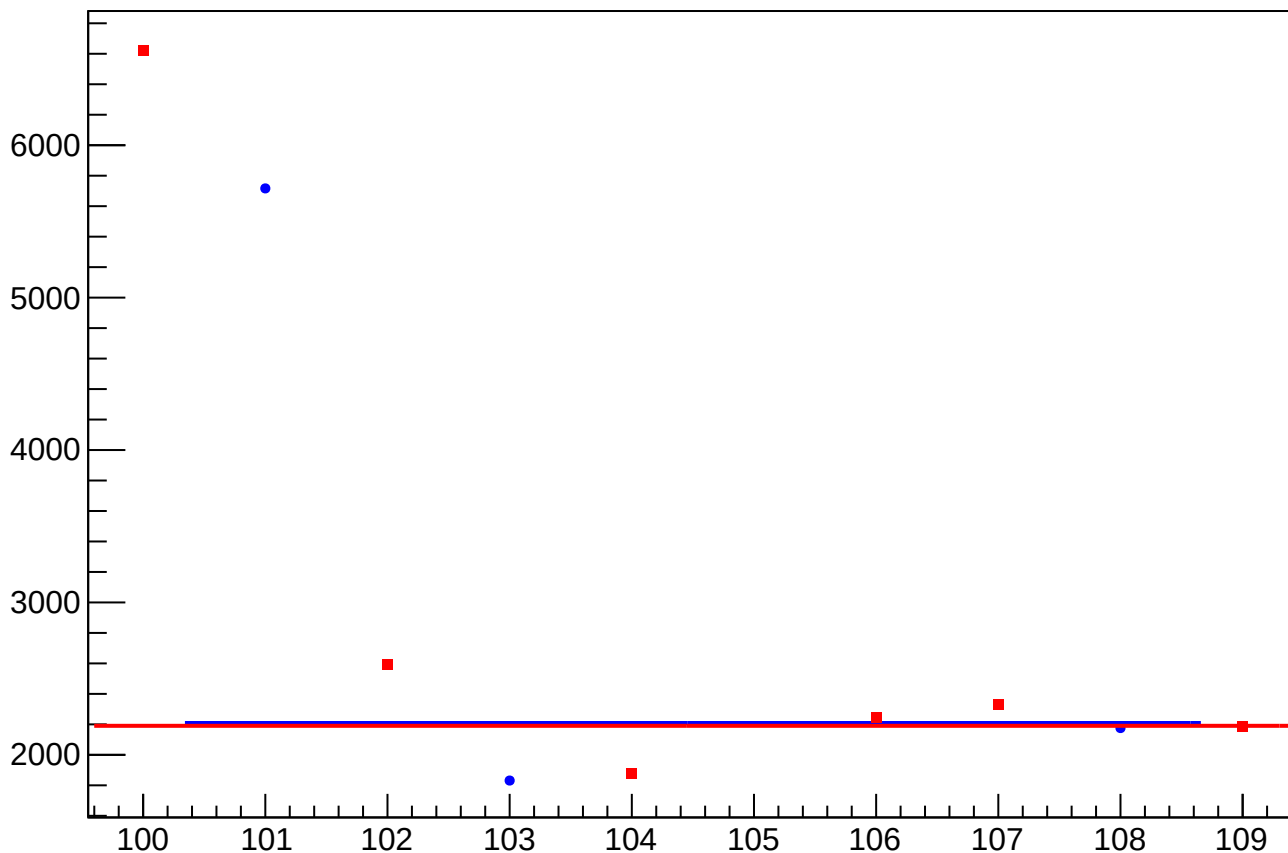
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1195.052+/-1172.730 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 2208.911+/-1.330 χ^2/NDF : 544984.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.502+/-1.061 χ^2/NDF : 118852.7/5

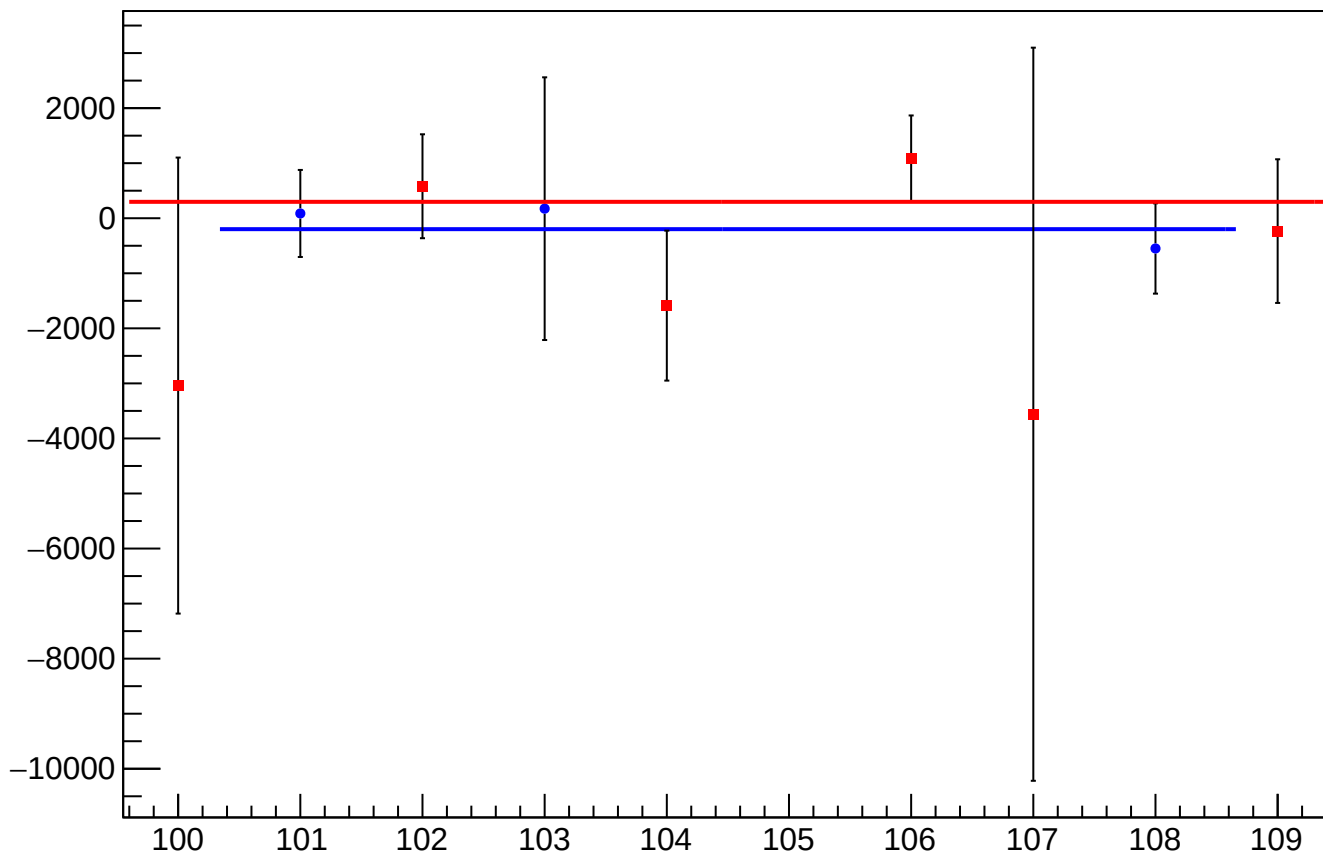
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.658+/-0.829 χ^2/NDF : 663954.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_mean vs Slug



Right In: -198.466 $\pm$ 553.700 χ^2/NDF : 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 297.930 $\pm$ 501.888 χ^2/NDF : 4.2/5

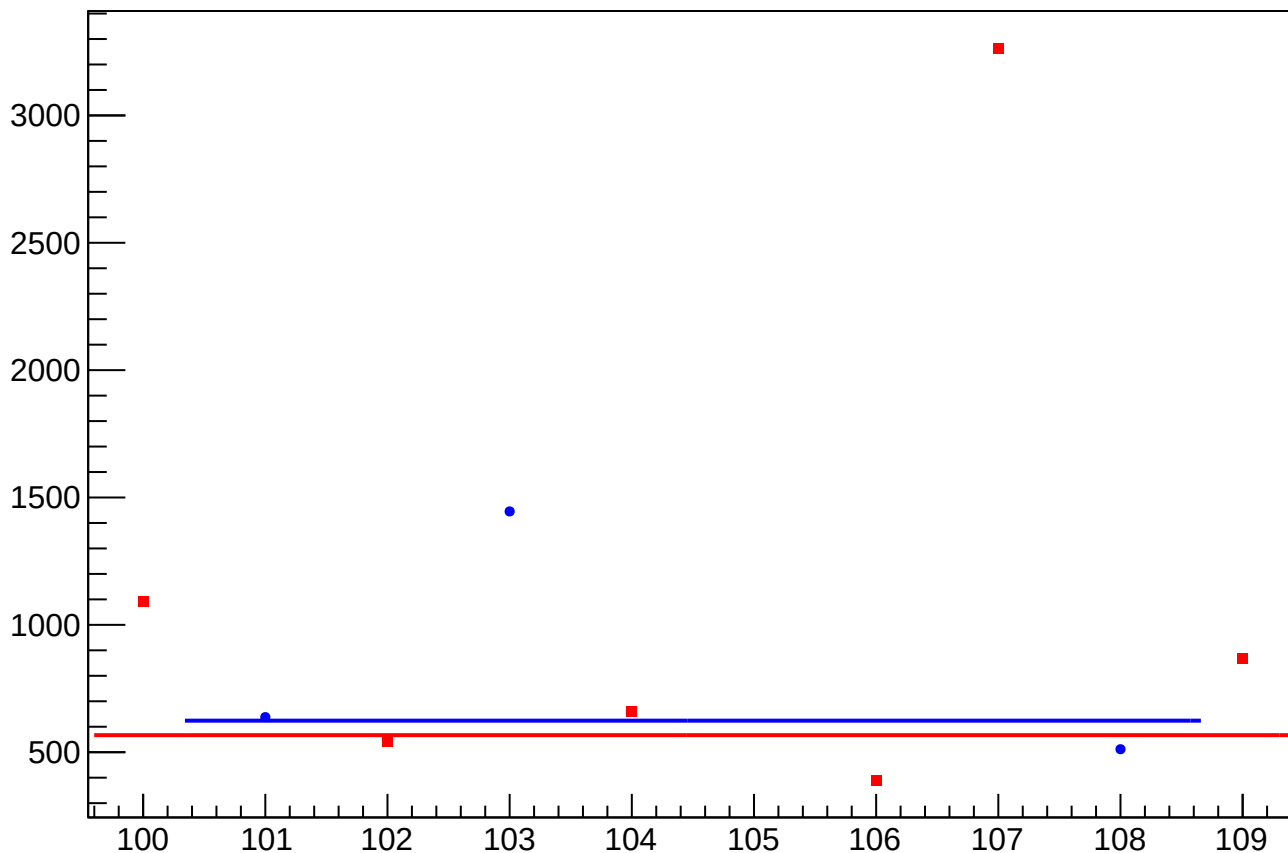
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

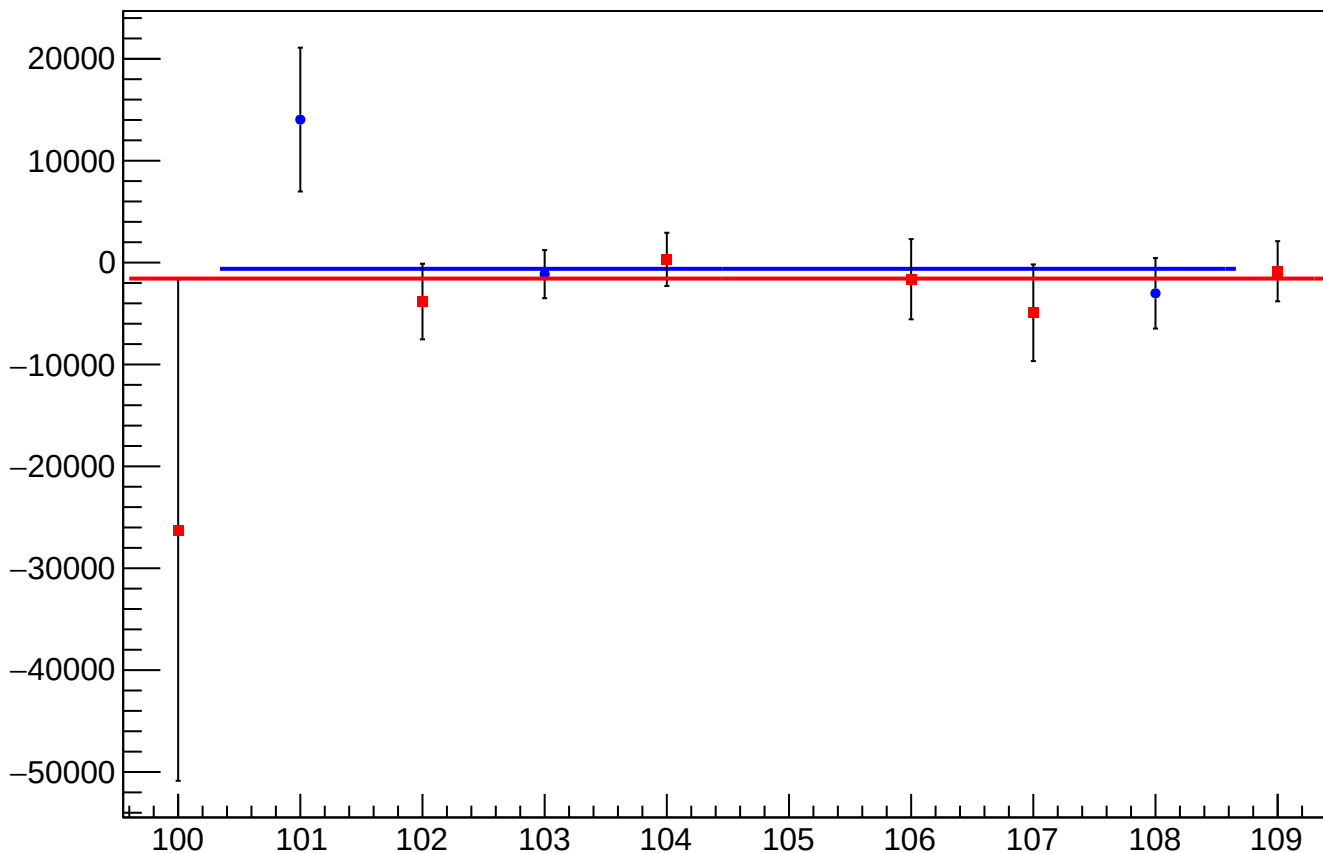
All: 74.038 $\pm$ 371.860 χ^2/NDF : 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



eigen_cor_asym_at1_avg_mean vs Slug



Right In: -611.070 $\pm$ 1880.935 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1566.429 $\pm$ 1499.966 χ^2 /NDF: 2.5/5

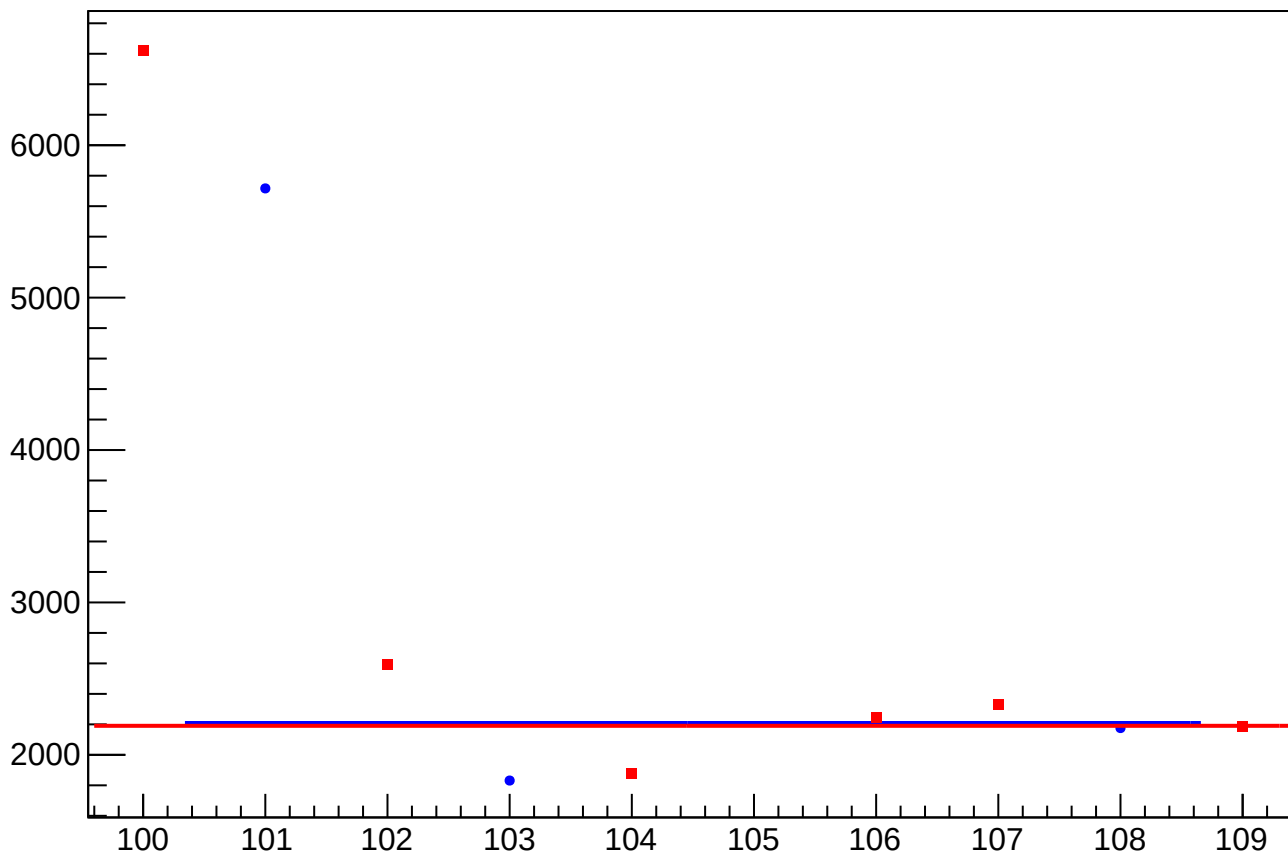
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1195.052 $\pm$ 1172.730 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 2208.911+/-1.330 χ^2/NDF : 544984.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.502+/-1.061 χ^2/NDF : 118852.7/5

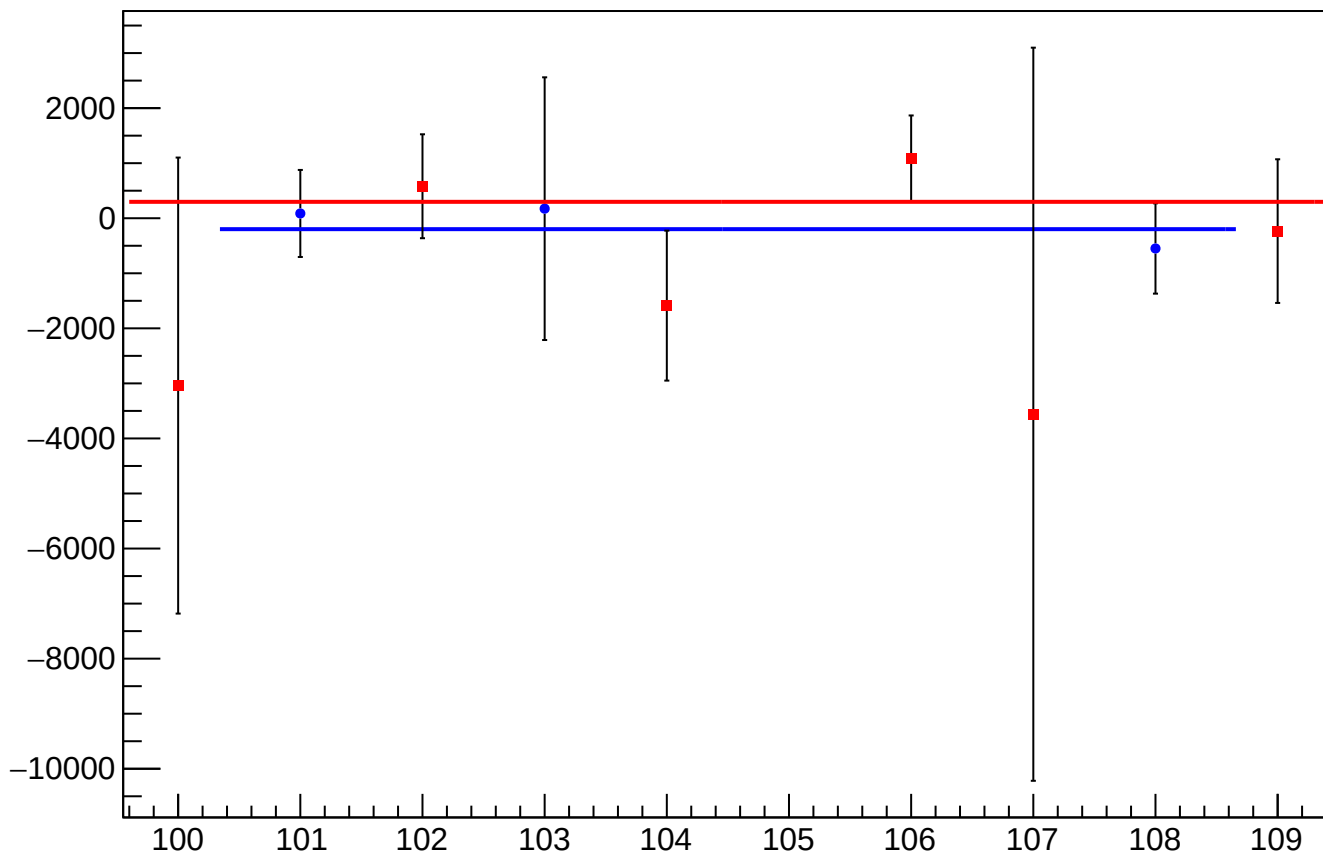
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.658+/-0.829 χ^2/NDF : 663954.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_mean vs Slug



Right In: -198.466+/-553.700 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.930+/-501.888 χ^2/NDF : 4.2/5

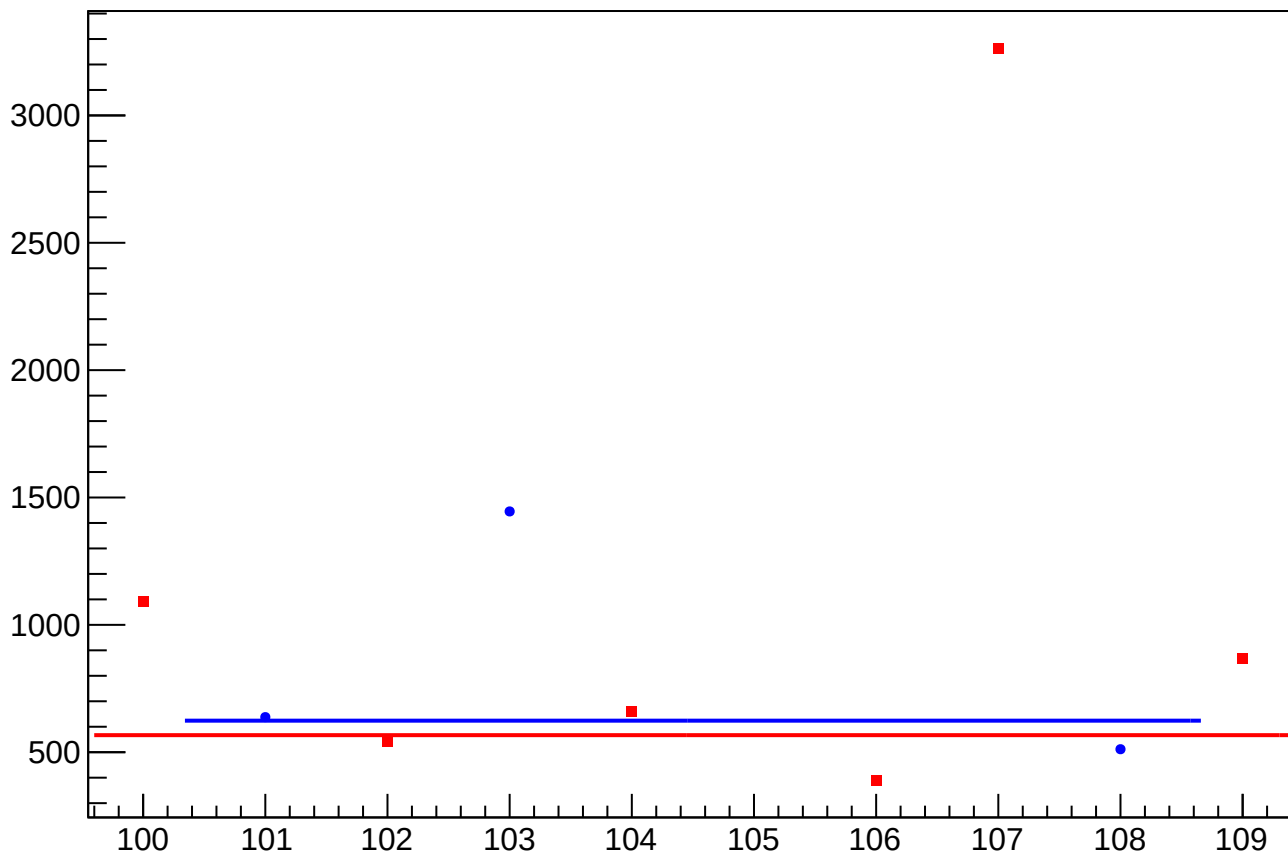
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.038+/-371.860 χ^2/NDF : 5.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 623.849+/-0.392 χ^2/NDF : 275056.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 566.951+/-0.355 χ^2/NDF : 582337.2/5

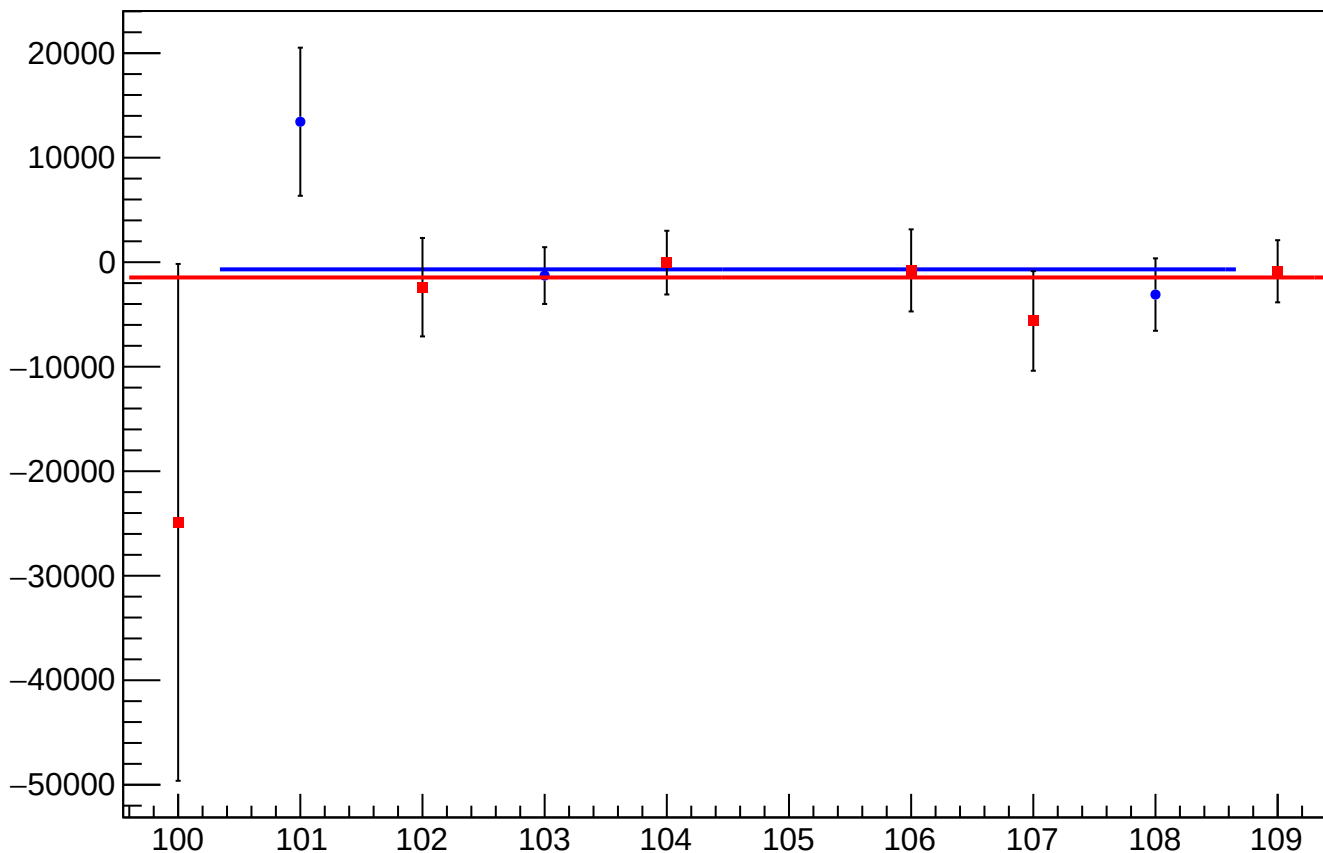
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.614+/-0.263 χ^2/NDF : 868986.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: -685.497 ± 2046.774 χ^2/NDF : 4.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1460.660 ± 1630.058 χ^2/NDF : 2.0/5

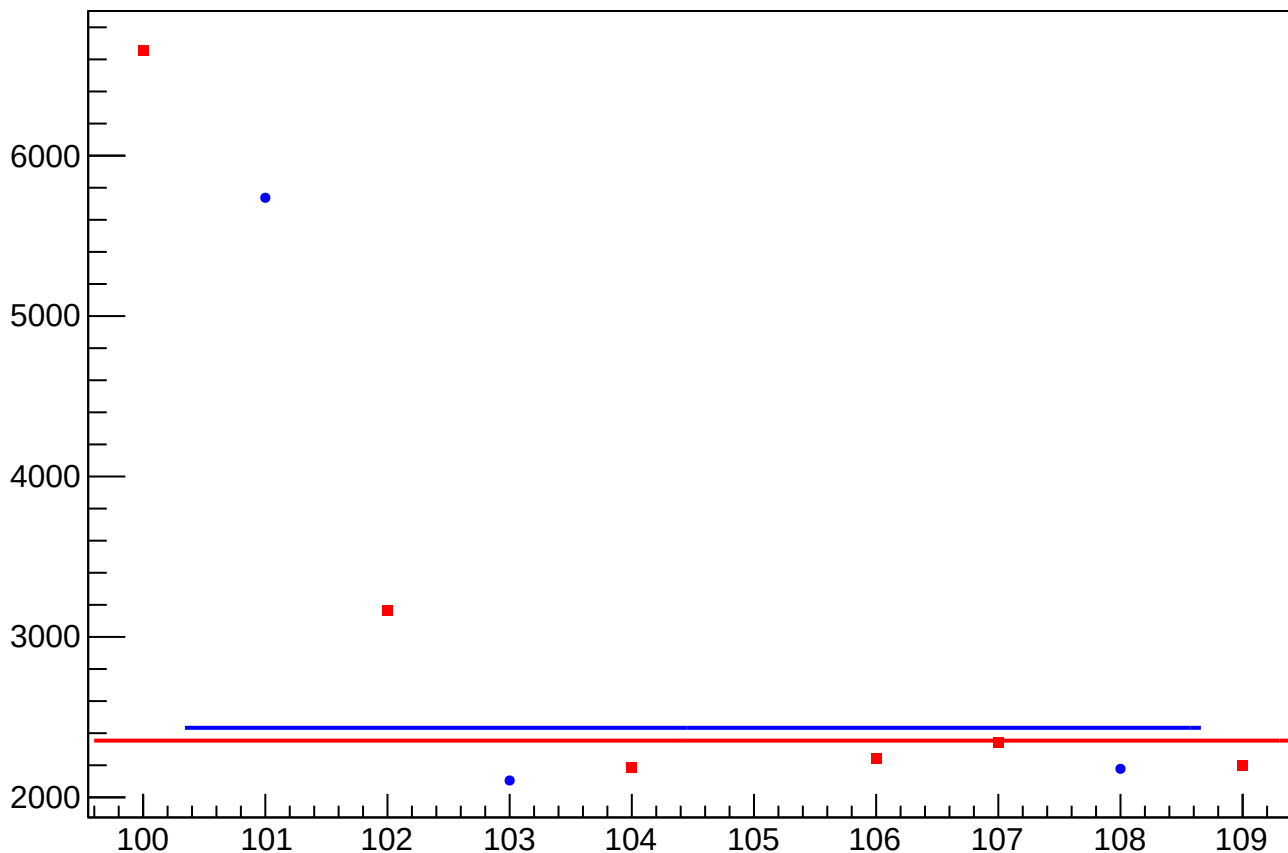
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1159.818 ± 1275.096 χ^2/NDF : 6.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 2433.602 $\pm$ 1.447 χ^2 /NDF: 474897.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2353.677 $\pm$ 1.153 χ^2 /NDF: 132870.1/5

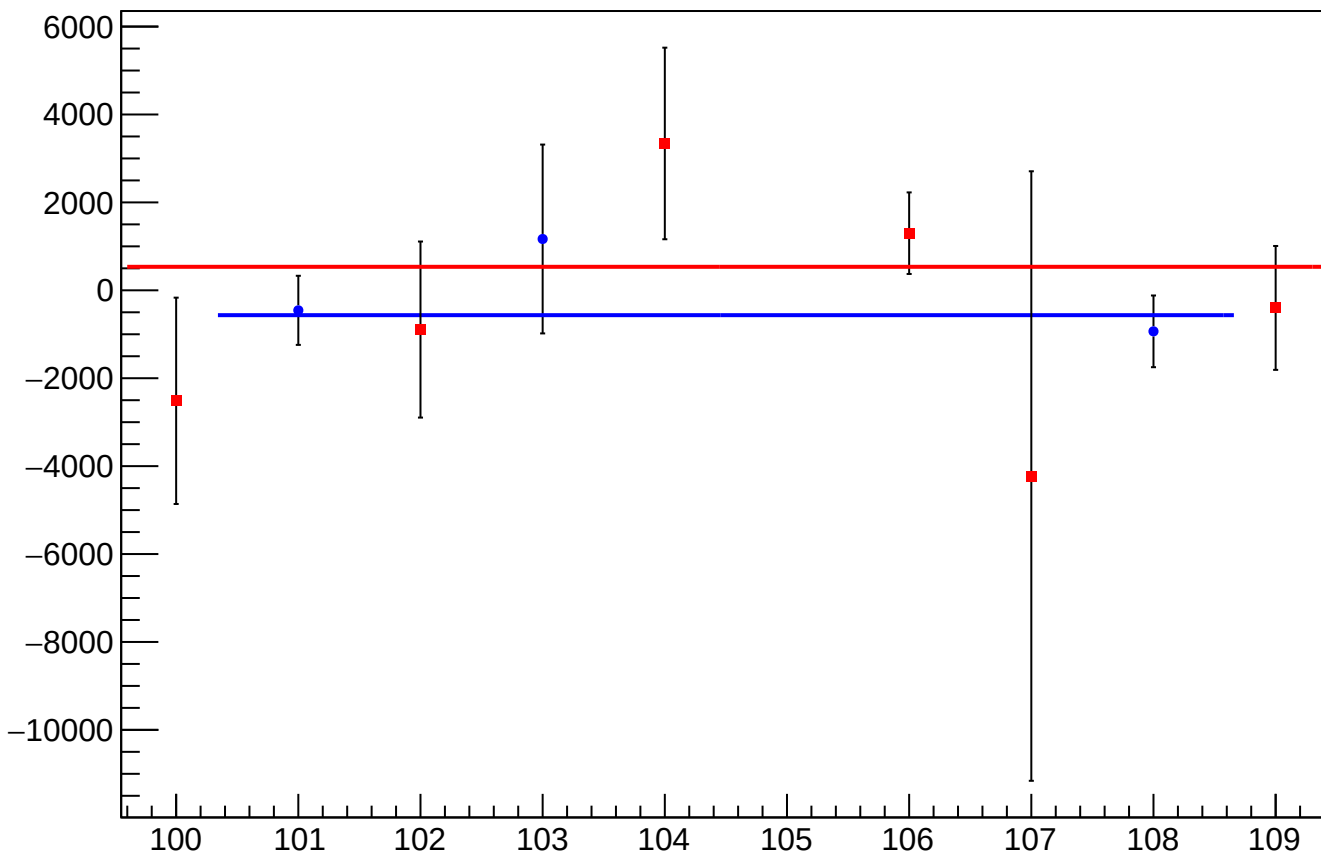
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2384.695 $\pm$ 0.902 χ^2 /NDF: 609633.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_correction_mean vs Slug



Right In: -565.382 $\pm$ 547.338 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 534.808 $\pm$ 655.457 χ^2 /NDF: 5.4/5

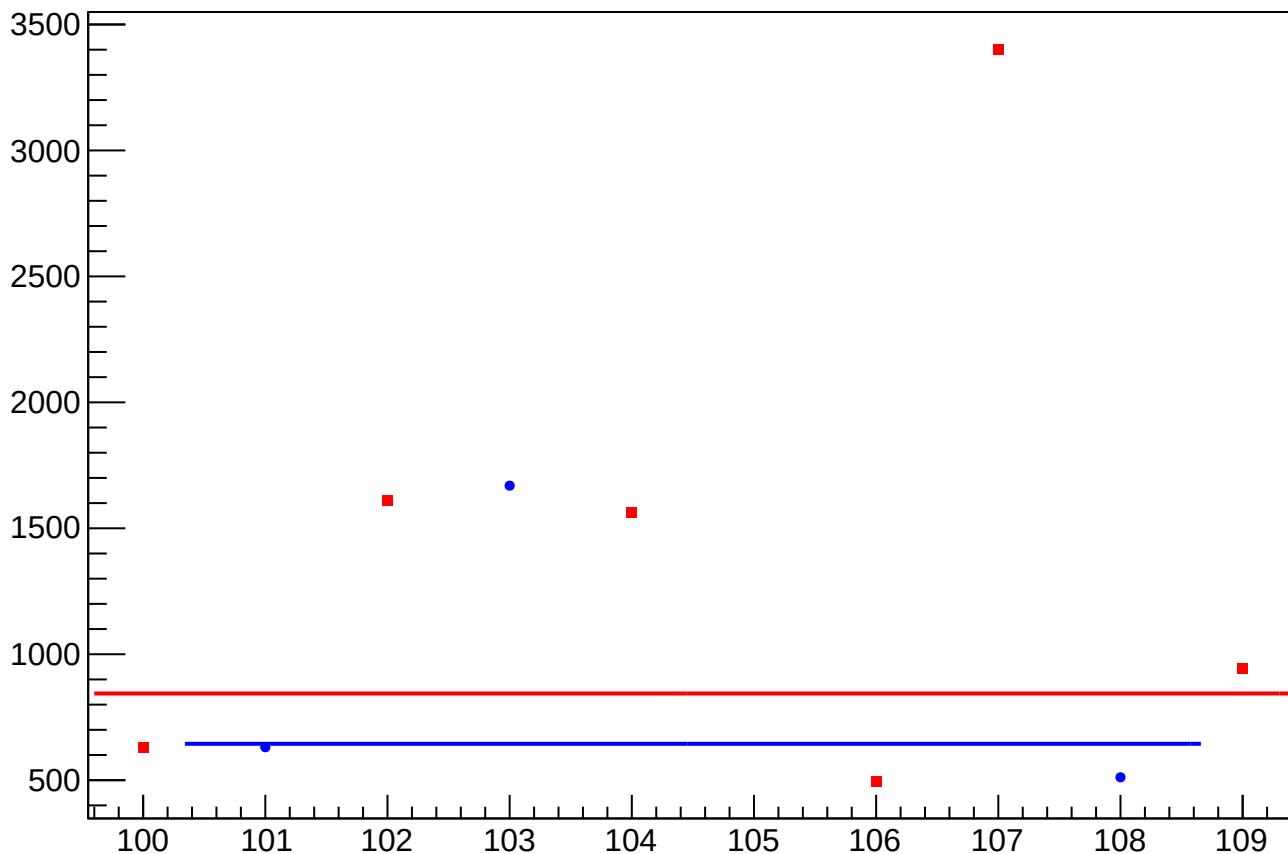
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -113.390 $\pm$ 420.122 χ^2 /NDF: 8.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



Right In: 644.550+/-0.387 χ^2/NDF : 508922.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 844.323+/-0.463 χ^2/NDF : 1092199.5/5

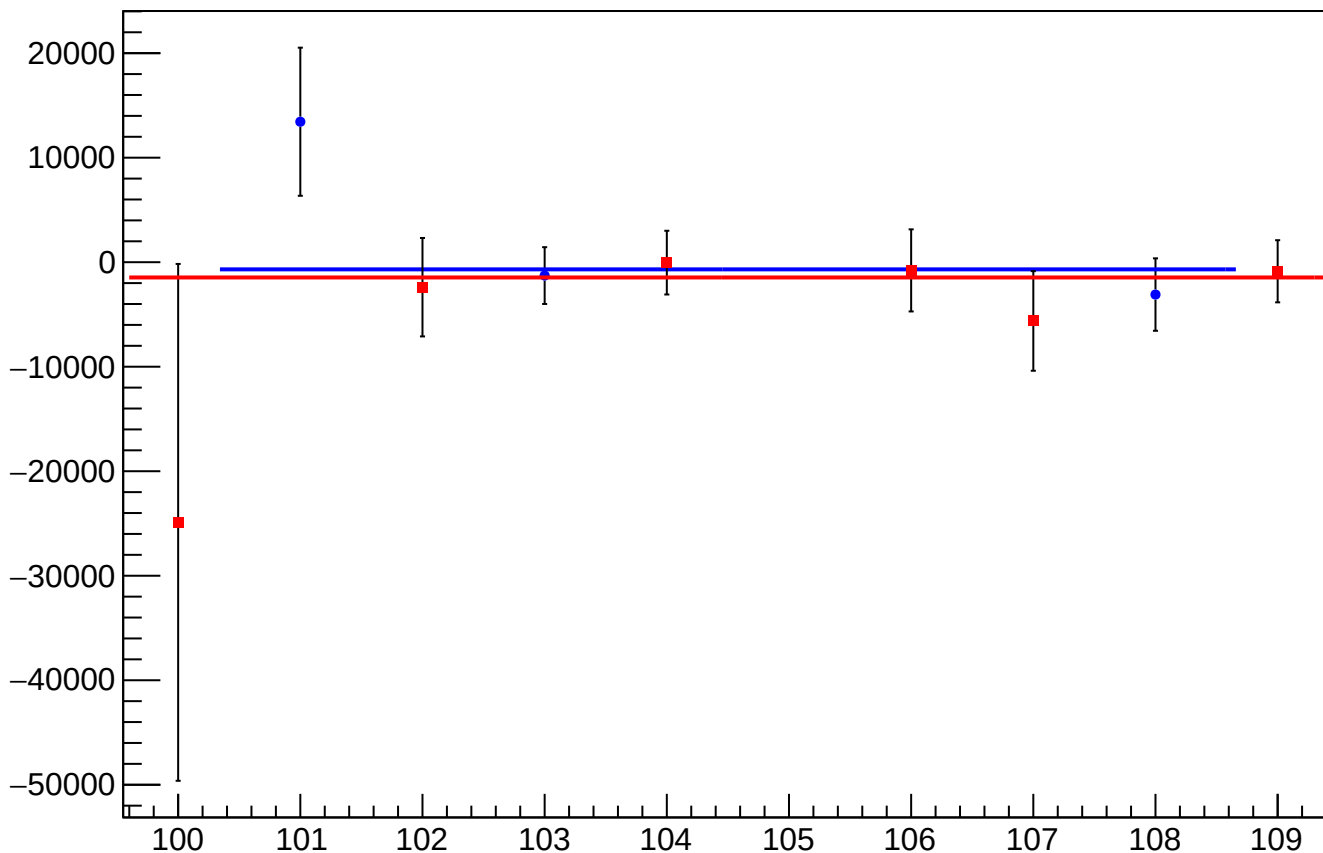
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.623+/-0.297 χ^2/NDF : 1710582.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_mean vs Slug



Right In: -685.501 ± 2046.772 χ^2/NDF : 4.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1460.652 ± 1630.057 χ^2/NDF : 2.0/5

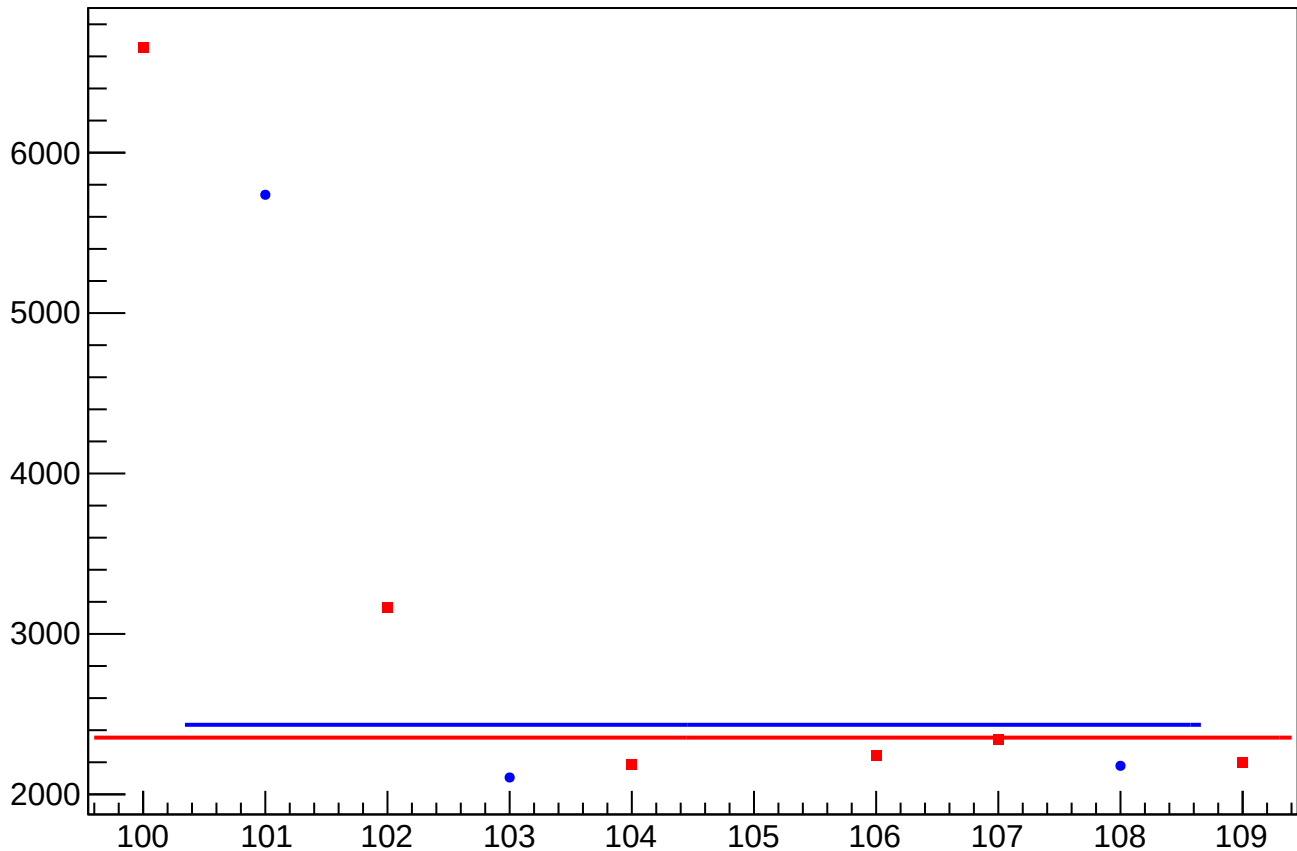
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1159.814 ± 1275.095 χ^2/NDF : 6.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 2433.599+/-1.447 χ^2/NDF : 474897.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.675+/-1.153 χ^2/NDF : 132869.7/5

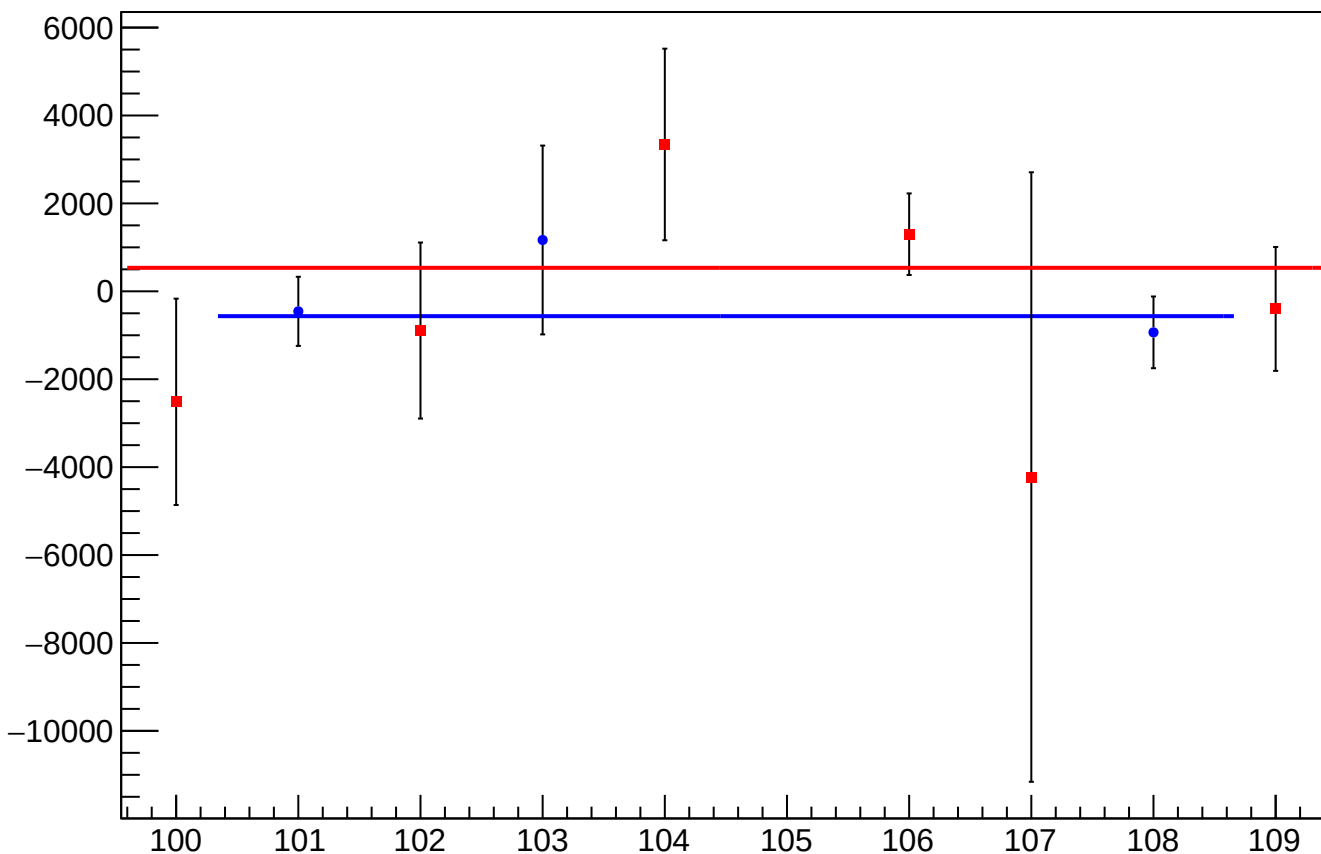
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2384.693+/-0.902 χ^2/NDF : 609633.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_mean vs Slug



Right In: -565.380+/-547.337 χ^2 /NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 534.809+/-655.457 χ^2 /NDF: 5.4/5

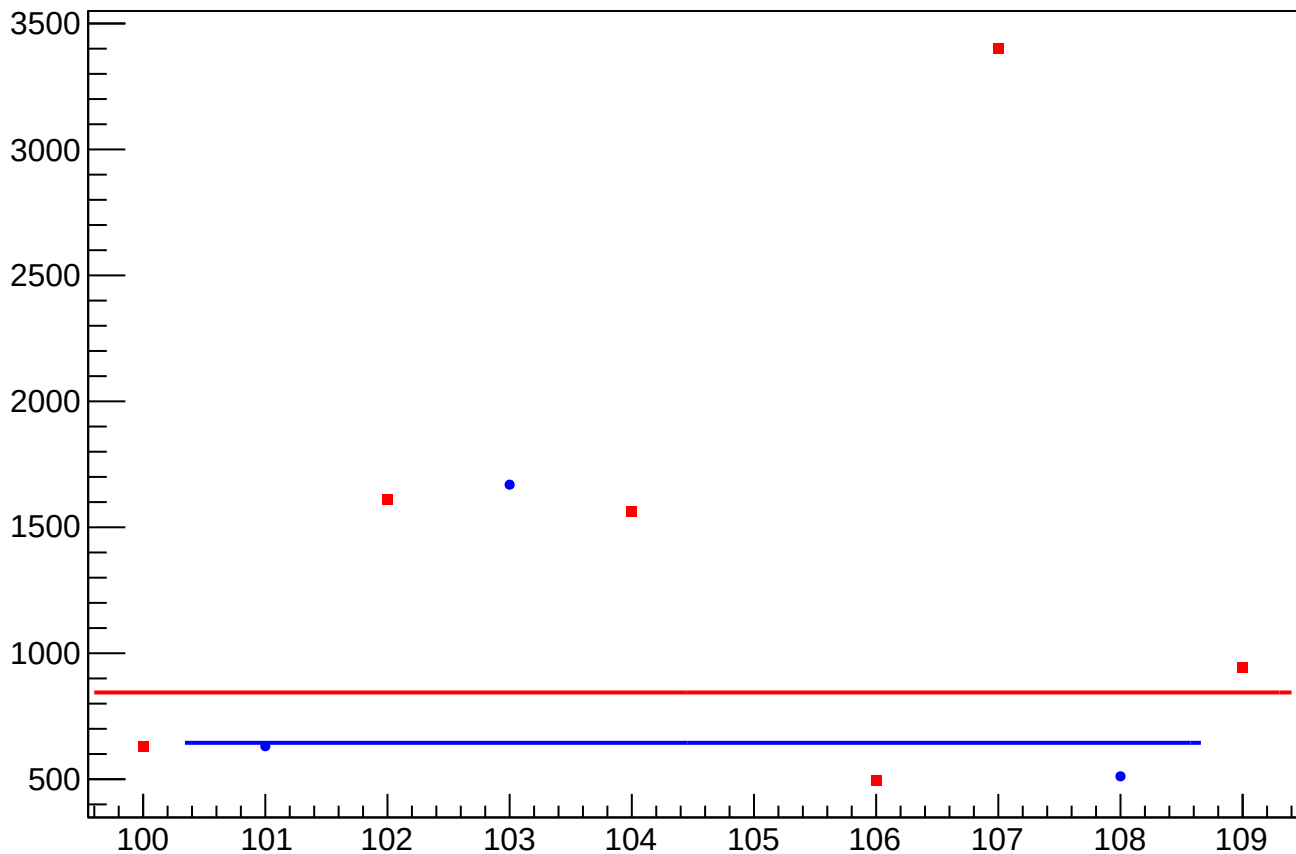
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -113.390+/-420.122 χ^2 /NDF: 8.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 644.549+/-0.387 χ^2/NDF : 508925.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 844.323+/-0.463 χ^2/NDF : 1092204.2/5

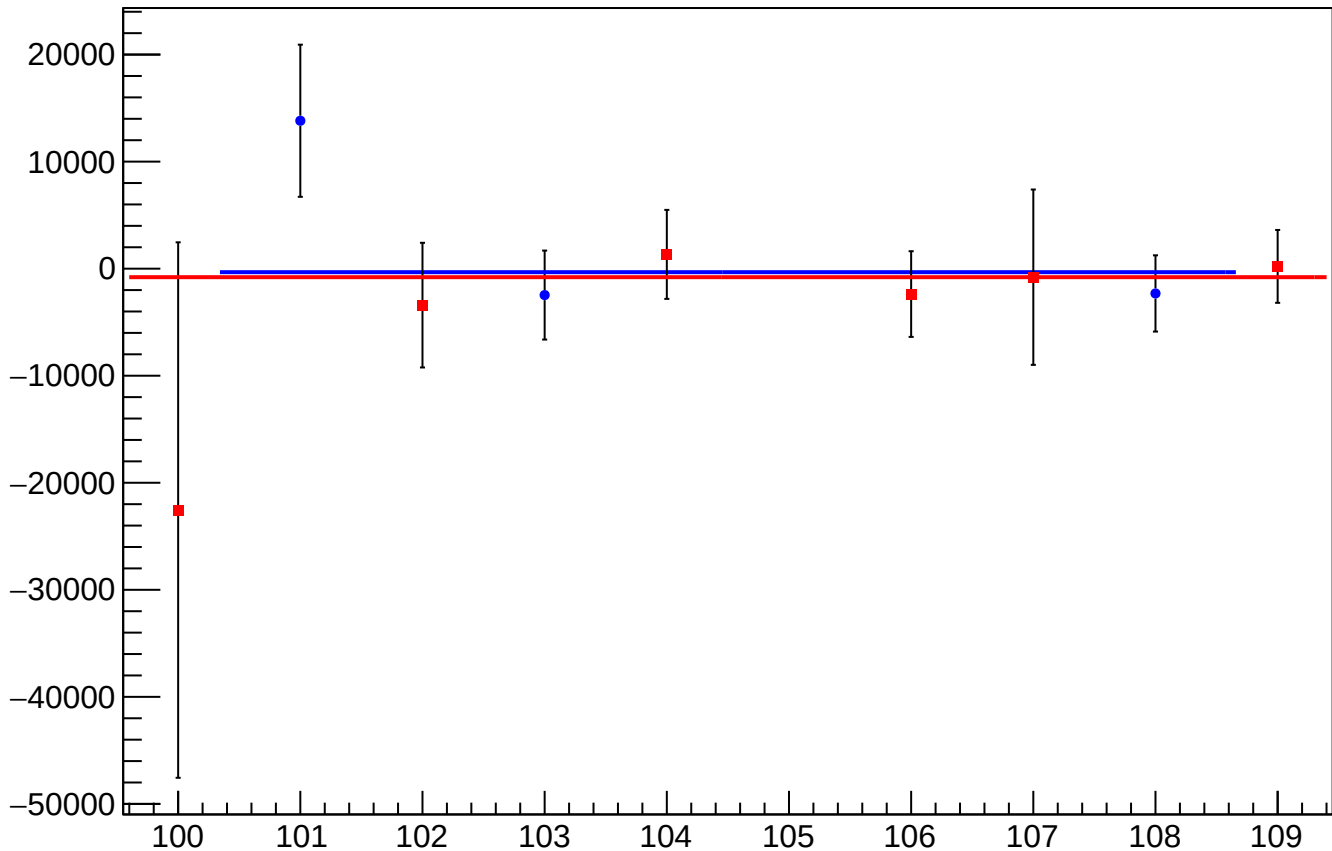
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.622+/-0.297 χ^2/NDF : 1710590.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_mean vs Slug



Right In: -329.421+/-2527.814 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -795.546+/-1989.600 χ^2/NDF : 1.5/5

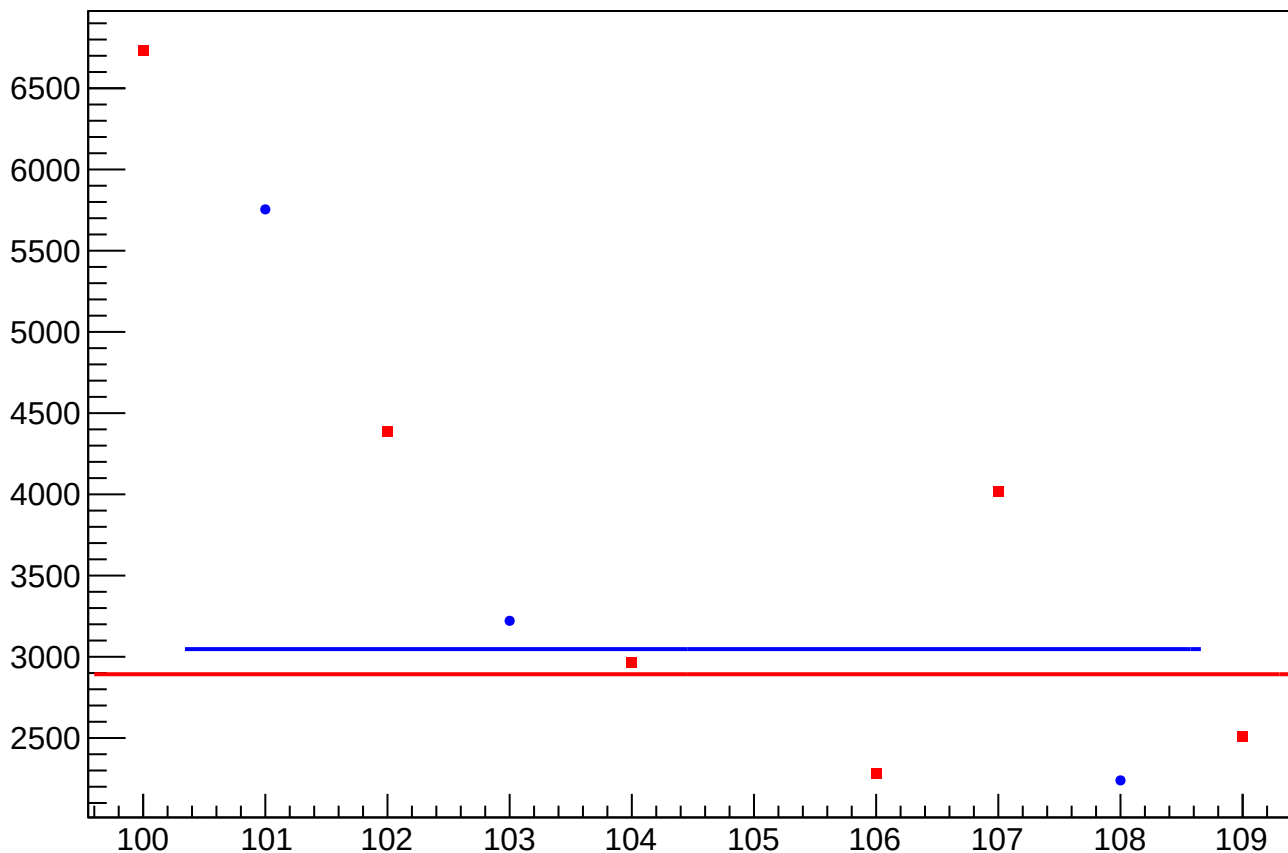
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -617.242+/-1563.419 χ^2/NDF : 6.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_rms vs Slug



Right In: 3047.280+/-1.787 χ^2/NDF : 396737.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2892.598+/-1.407 χ^2/NDF : 288740.1/5

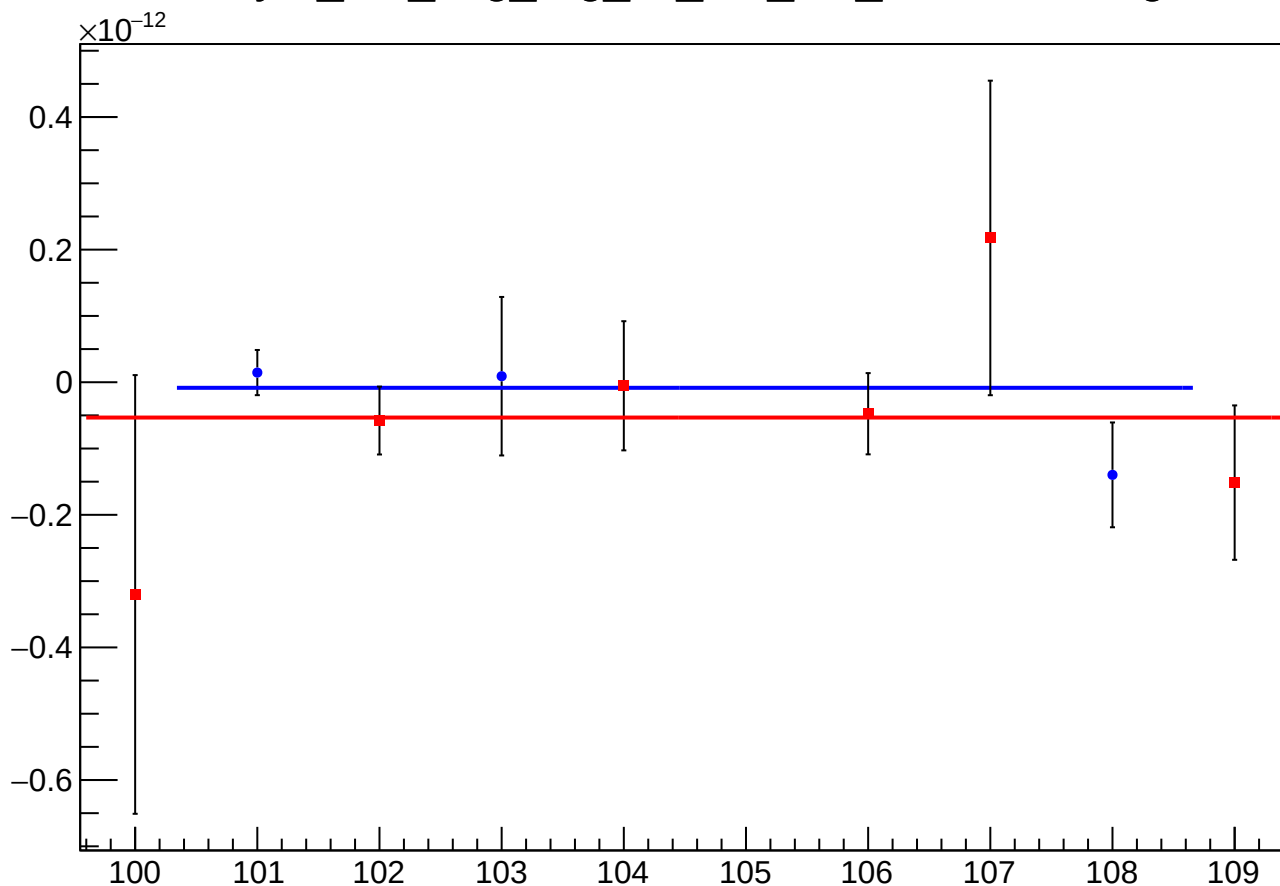
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2951.766+/-1.105 χ^2/NDF : 690101.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.9/5

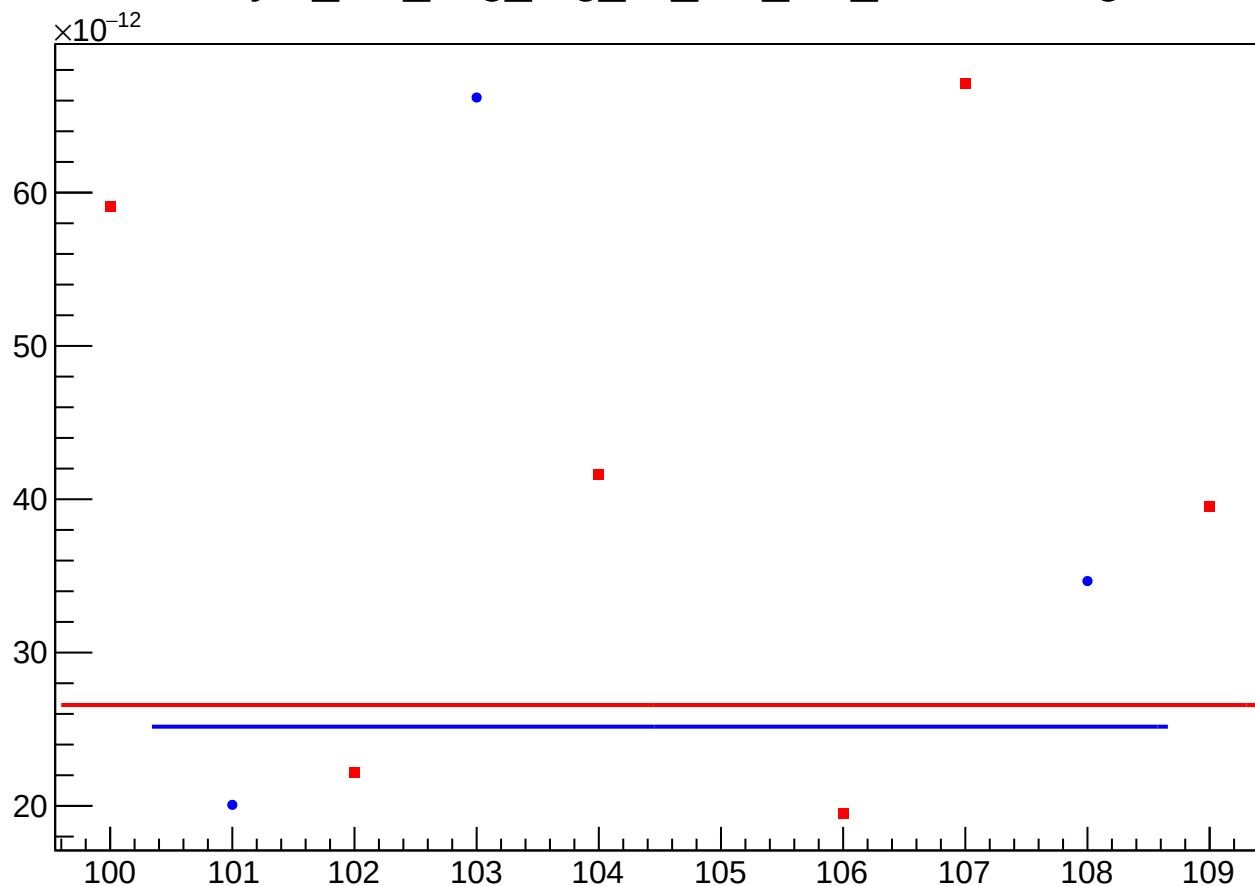
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 309317.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 191511.1/5

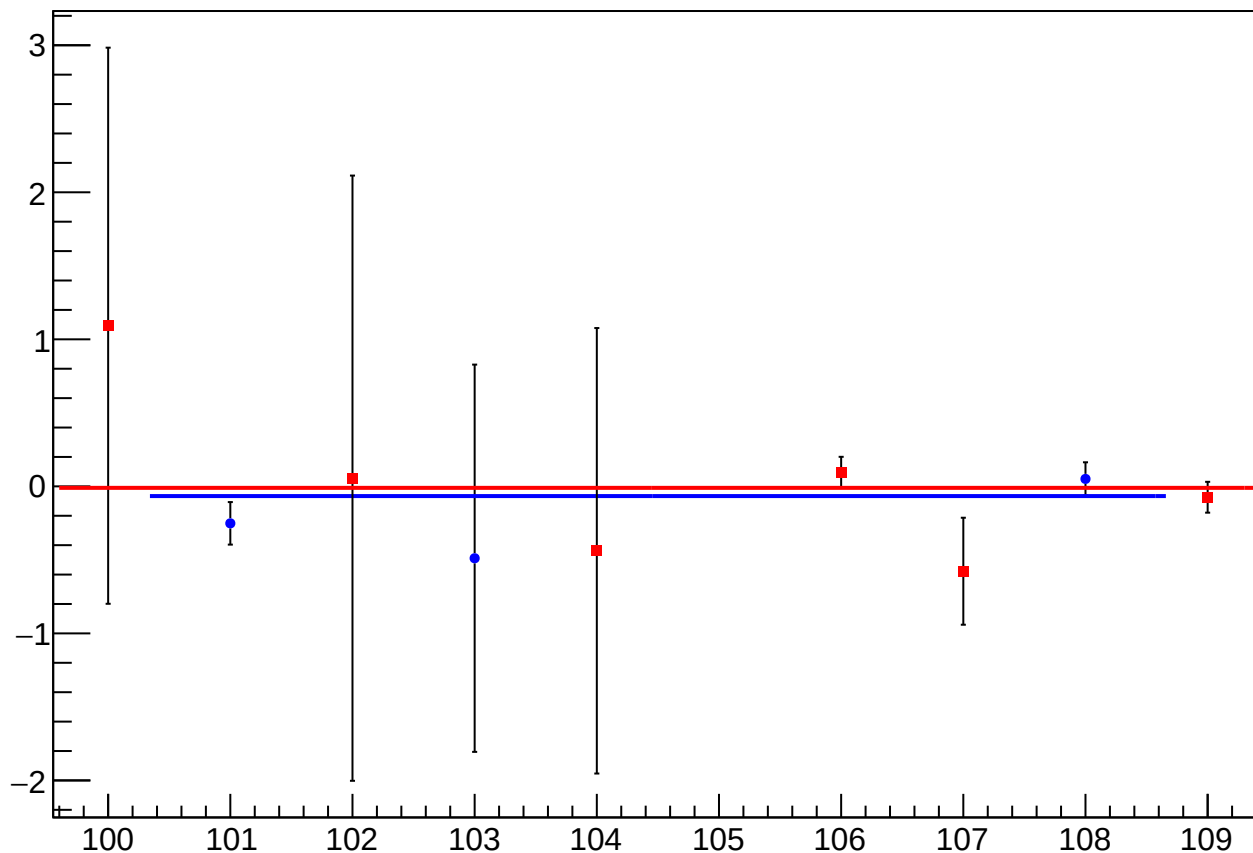
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 502744.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.066 $\pm$ 0.089 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.010 $\pm$ 0.072 χ^2 /NDF: 4.3/5

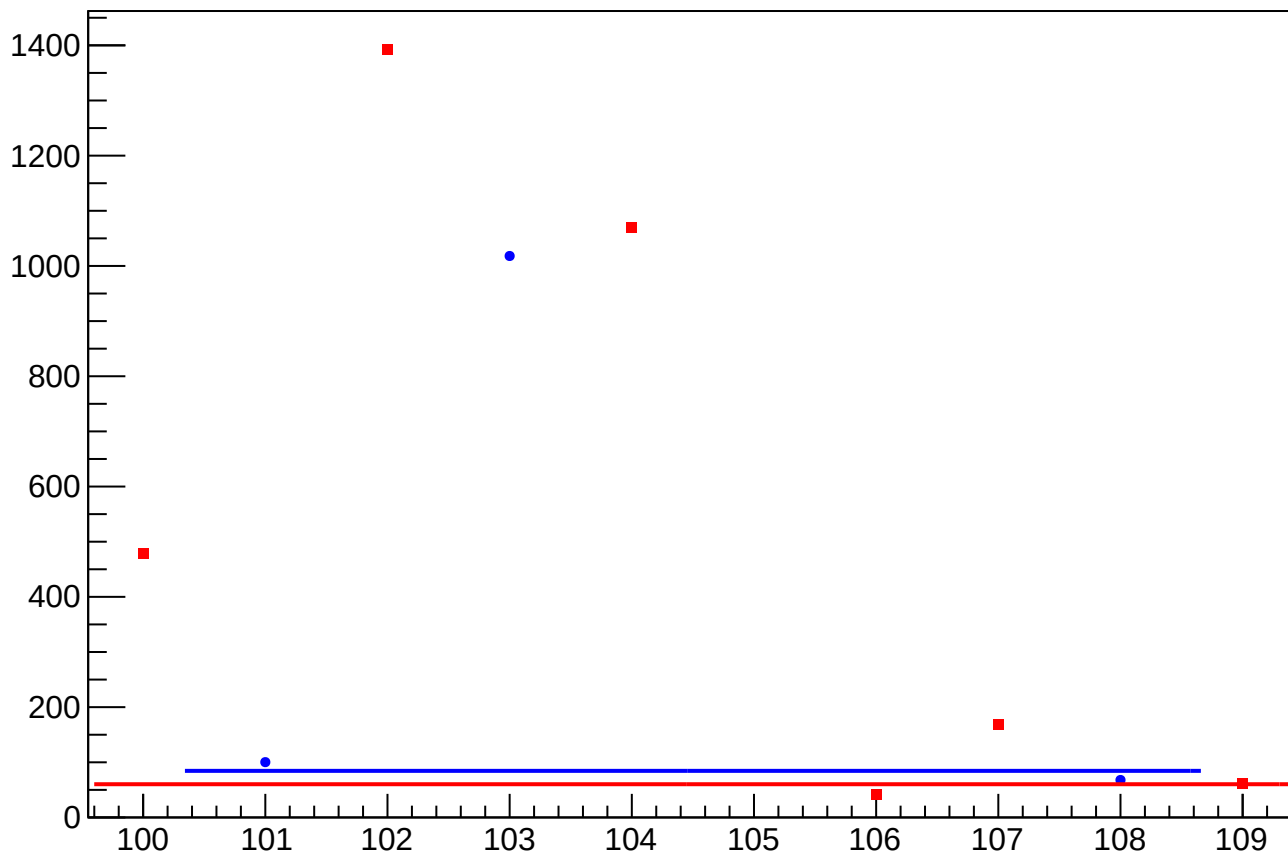
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.032 $\pm$ 0.056 χ^2 /NDF: 7.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 84.489+/-0.063 χ^2/NDF : 1071802.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.258+/-0.051 χ^2/NDF : 2074557.0/5

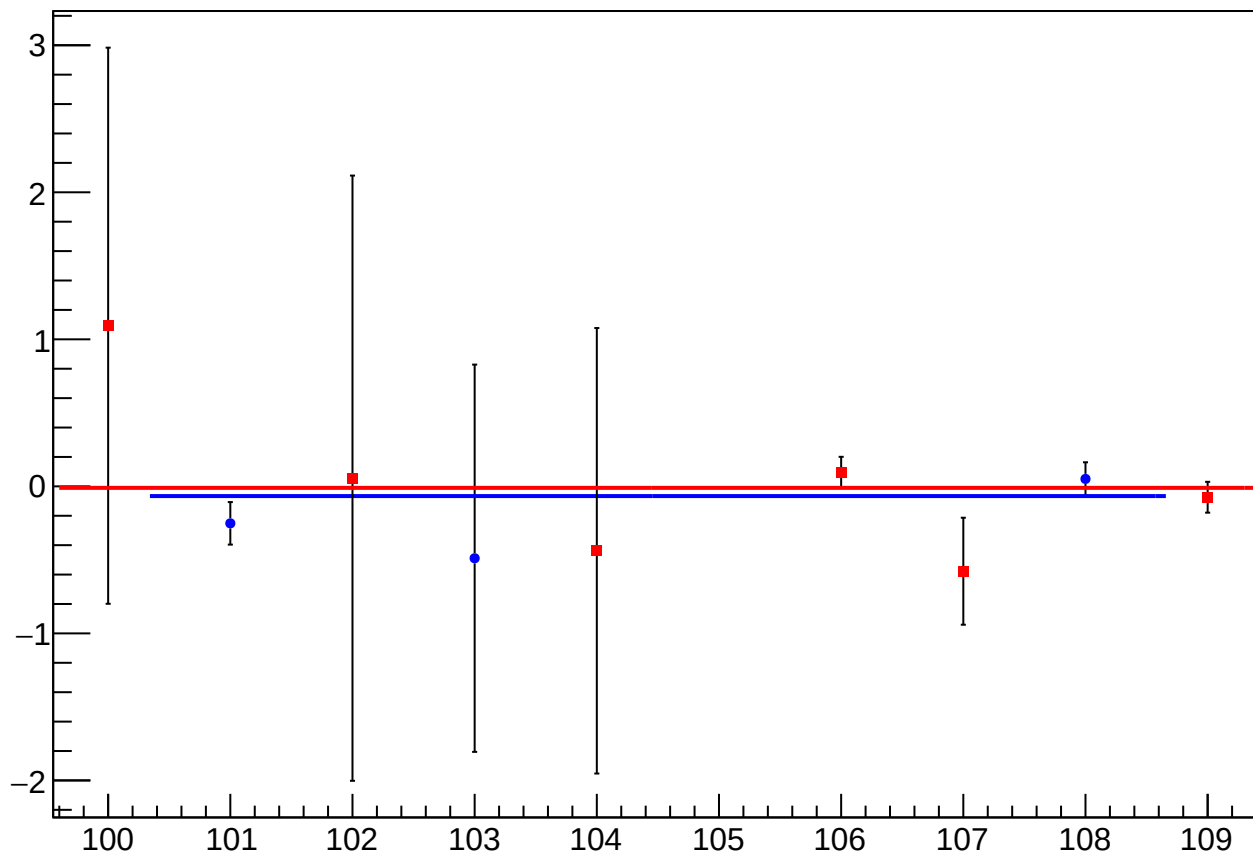
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.873+/-0.040 χ^2/NDF : 3235927.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.066 ± 0.089 χ^2/NDF : 2.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.072 χ^2/NDF : 4.3/5

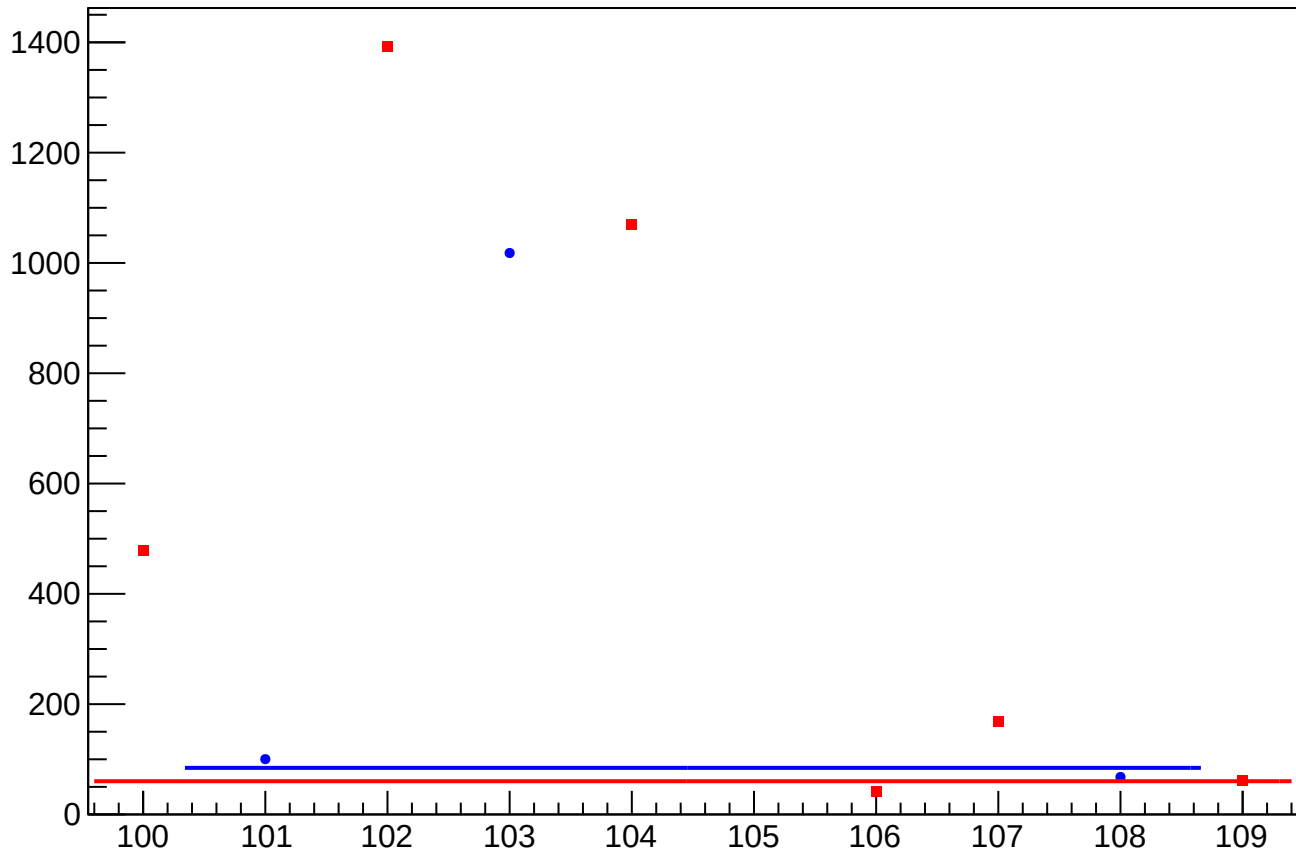
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.056 χ^2/NDF : 7.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 84.489+/-0.063 χ^2/NDF : 1071802.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.258+/-0.051 χ^2/NDF : 2074557.0/5

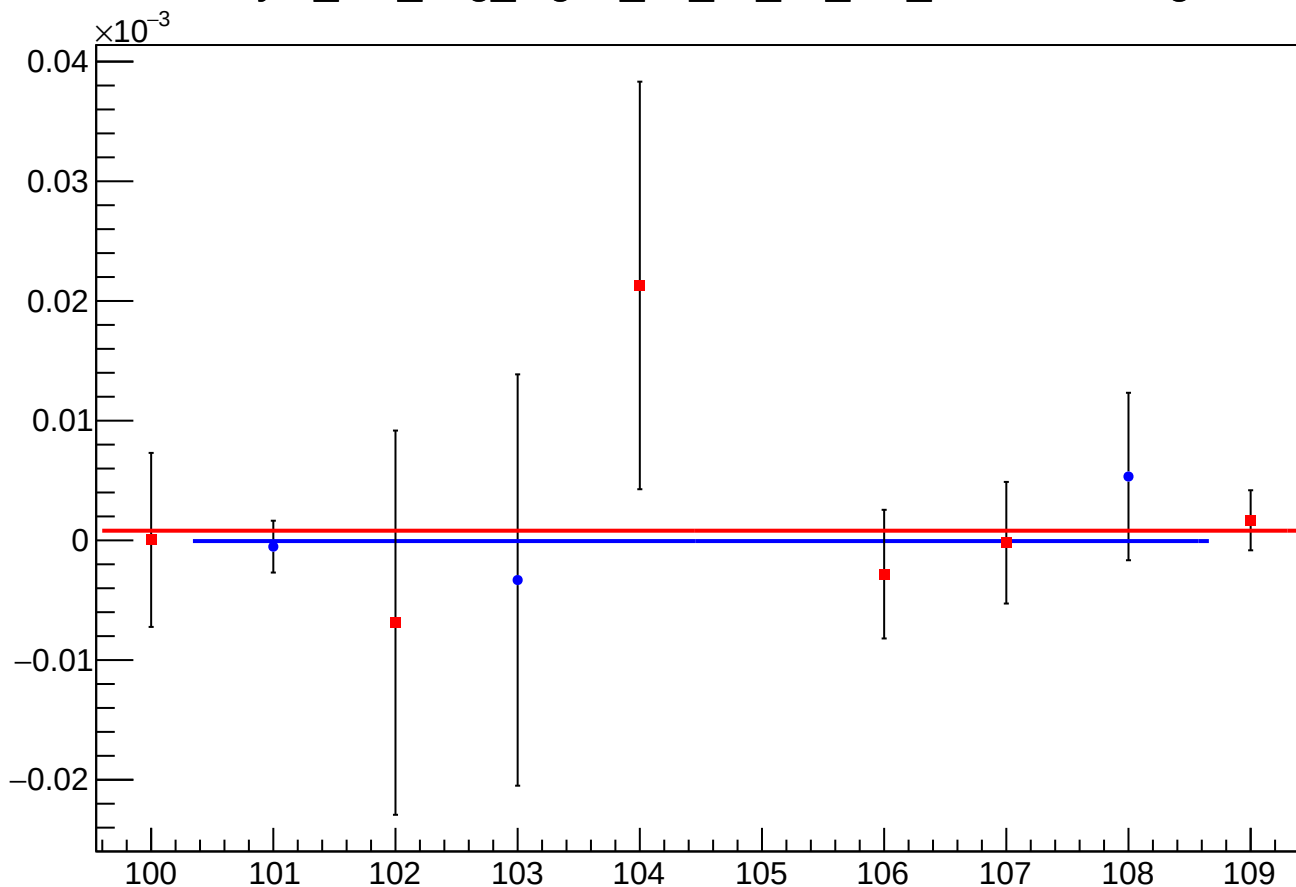
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.873+/-0.040 χ^2/NDF : 3235927.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/5

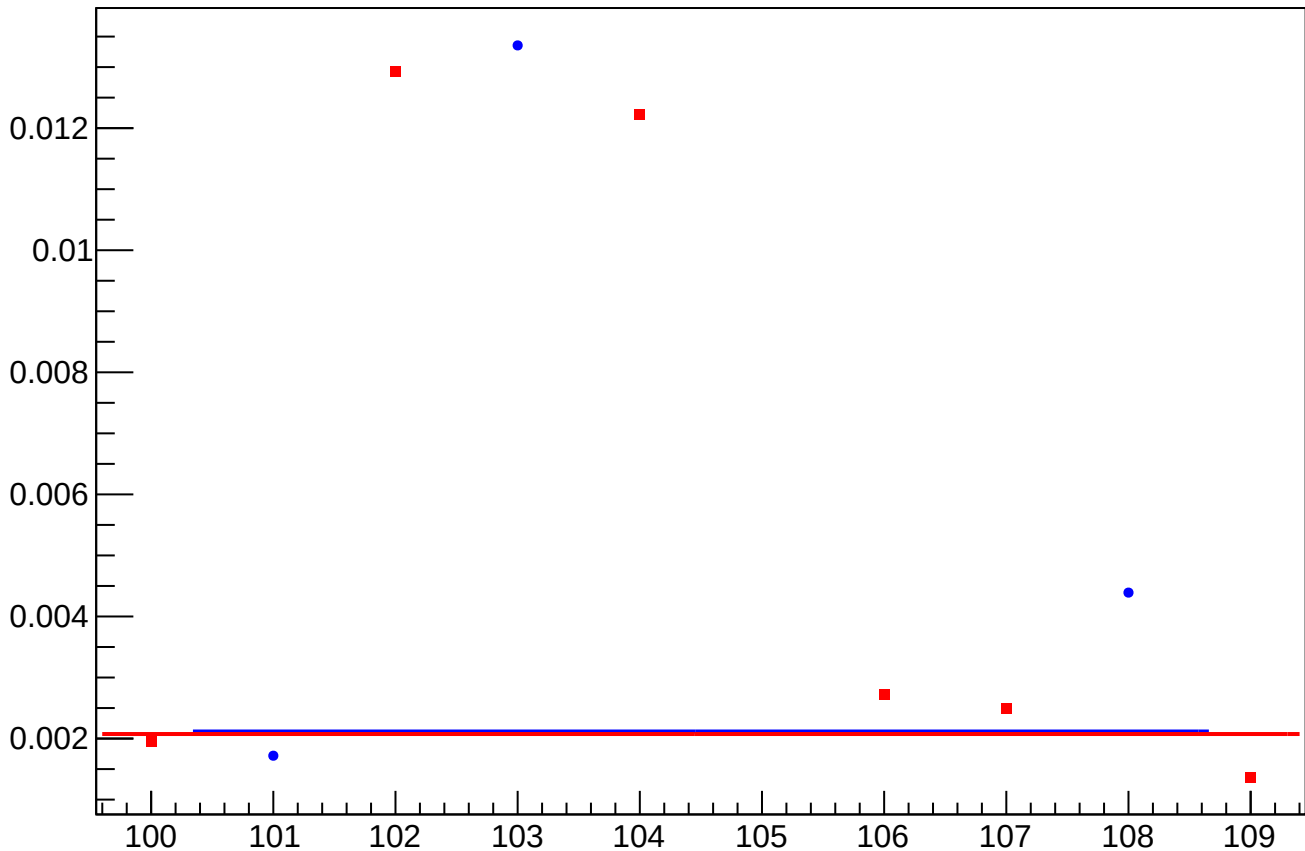
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2/NDF : 1134446.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2/NDF : 1830696.8/5

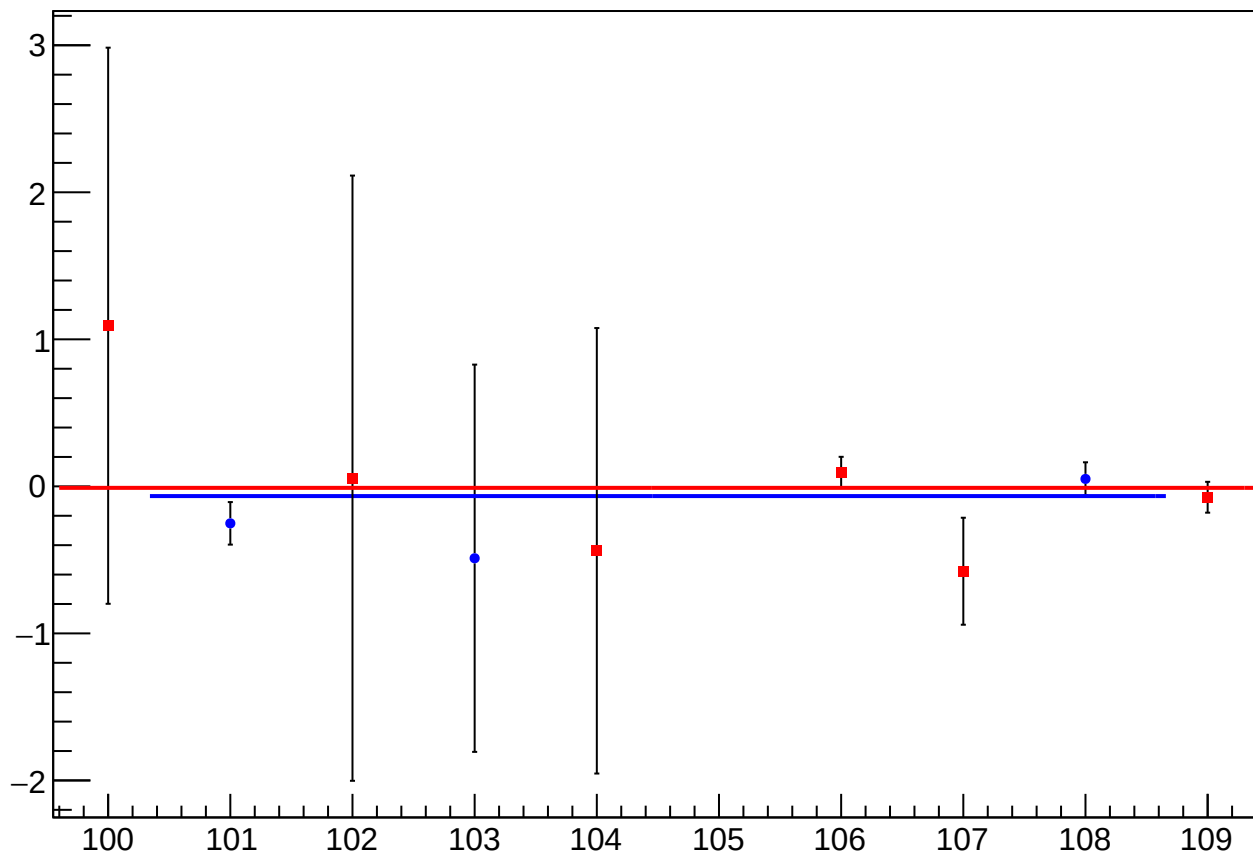
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.002 $\pm$ 0.000 χ^2/NDF : 2965562.9/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.066 ± 0.089 χ^2/NDF : 2.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.010 ± 0.072 χ^2/NDF : 4.3/5

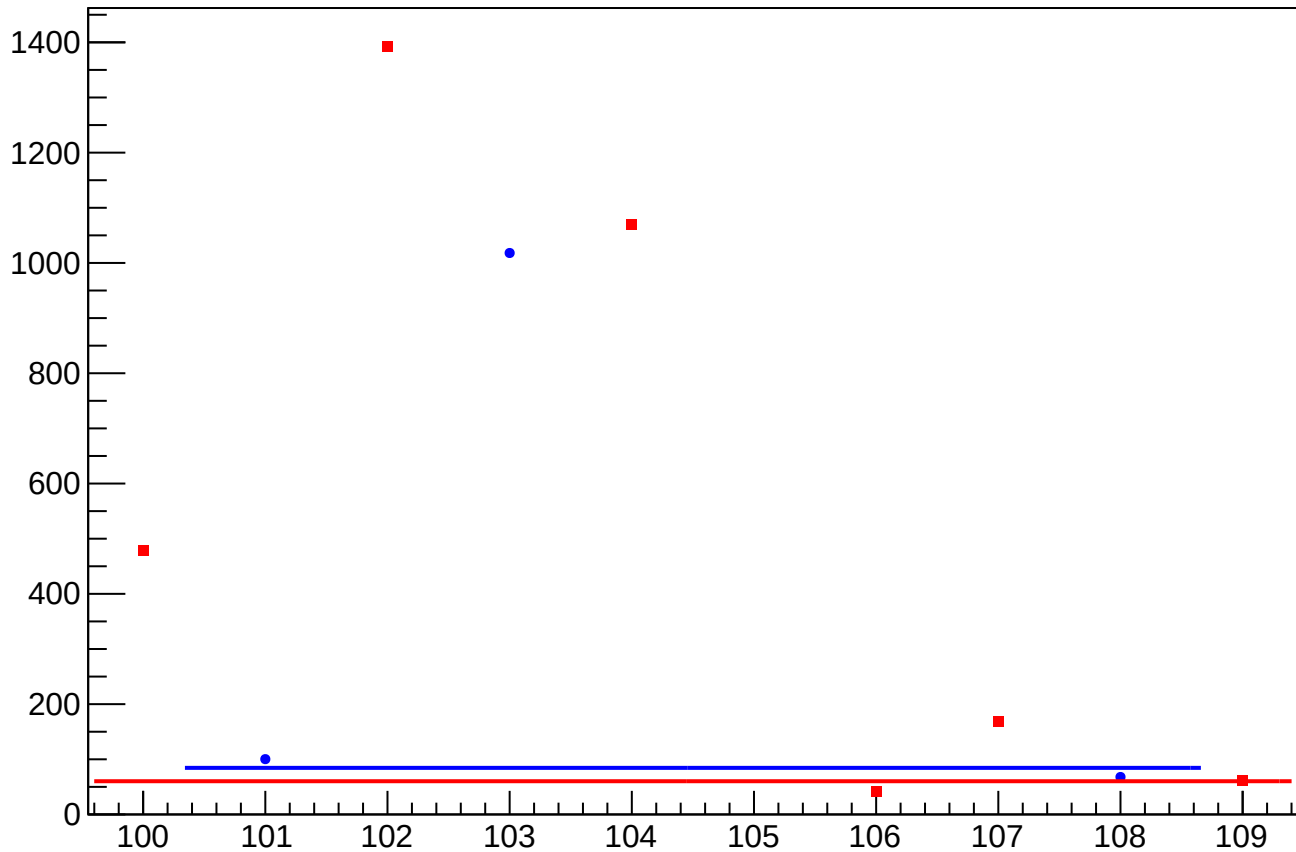
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.056 χ^2/NDF : 7.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 84.491+/-0.063 χ^2/NDF : 1071782.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.254+/-0.051 χ^2/NDF : 2074584.8/5

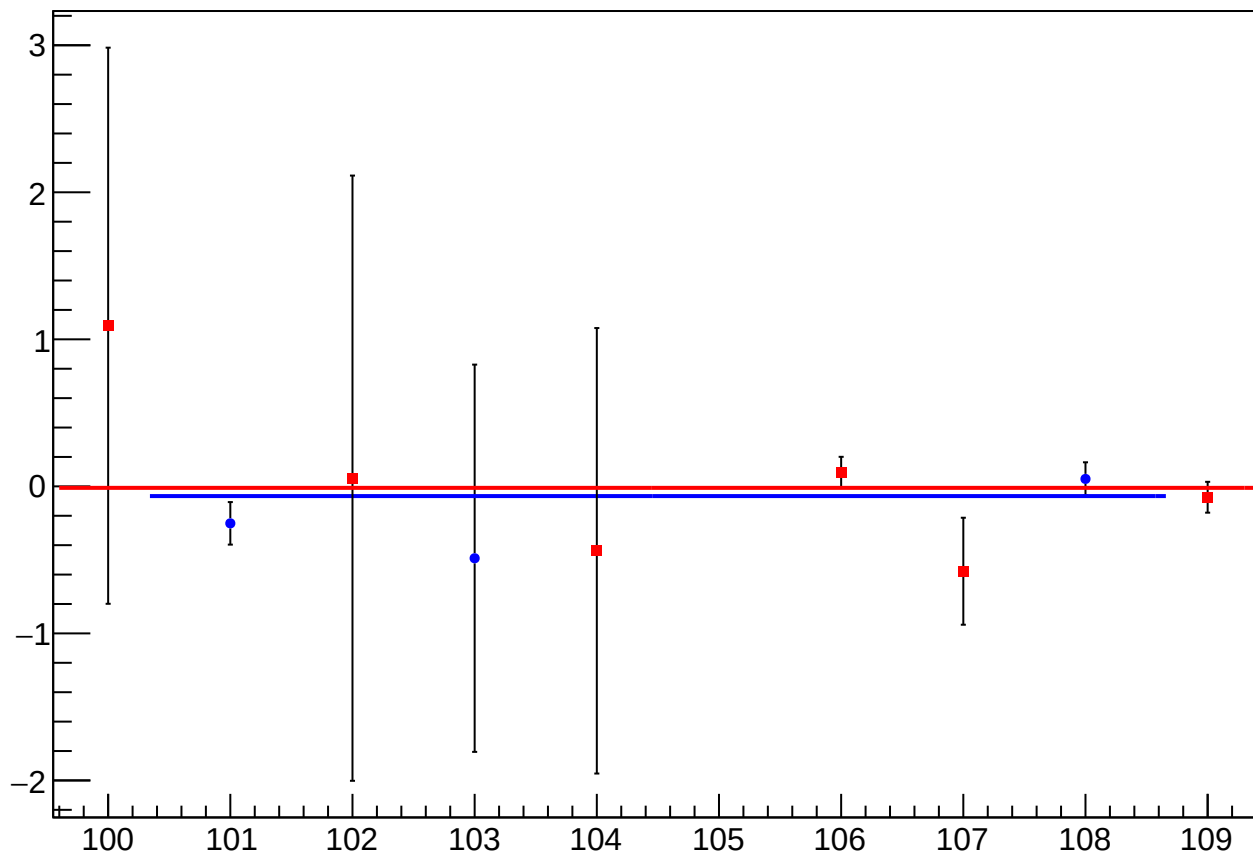
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.871+/-0.040 χ^2/NDF : 3235975.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.066 $\pm$ 0.089 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.072 χ^2 /NDF: 4.3/5

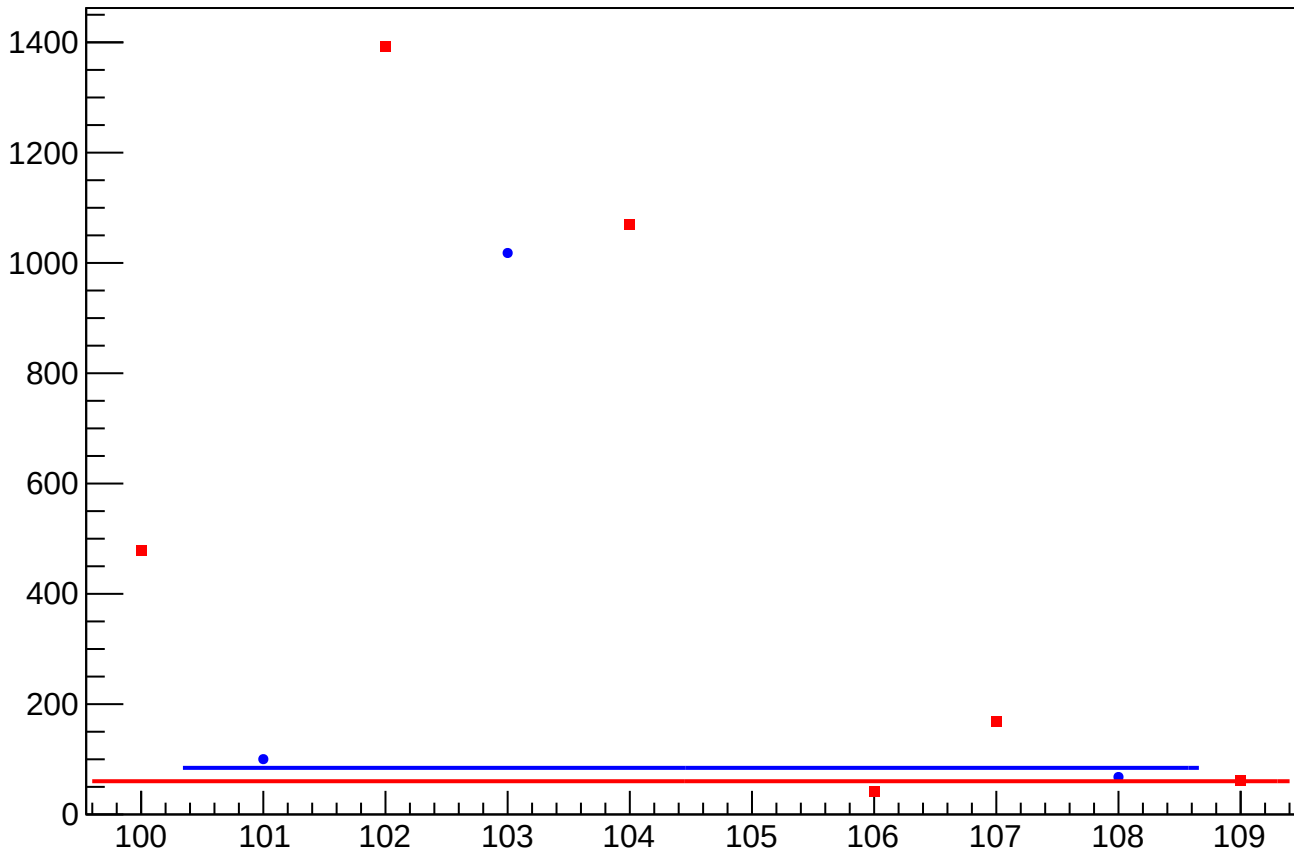
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.032 $\pm$ 0.056 χ^2 /NDF: 7.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 84.491 $\pm$ 0.063 χ^2 /NDF: 1071782.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.254 $\pm$ 0.051 χ^2 /NDF: 2074584.8/5

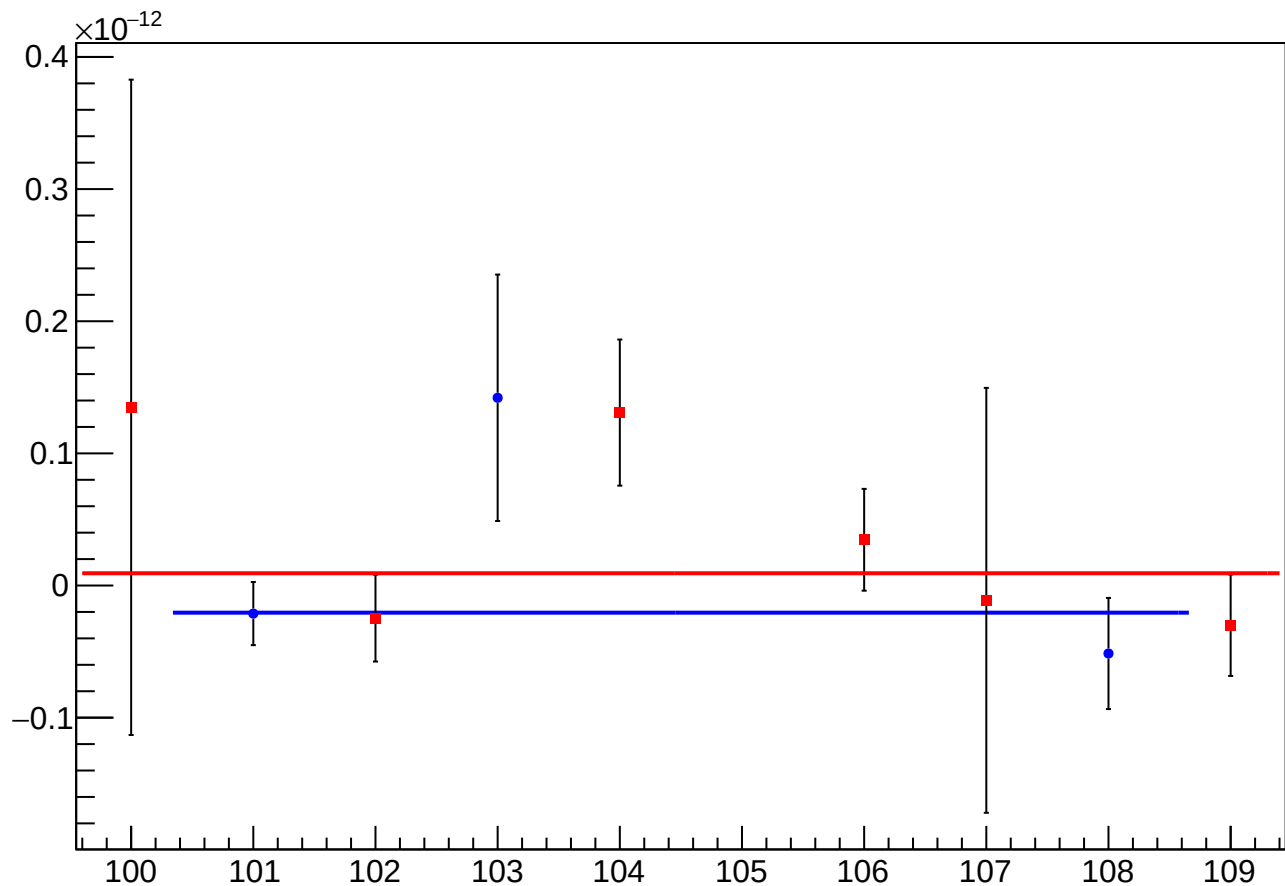
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.871 $\pm$ 0.040 χ^2 /NDF: 3235975.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/5

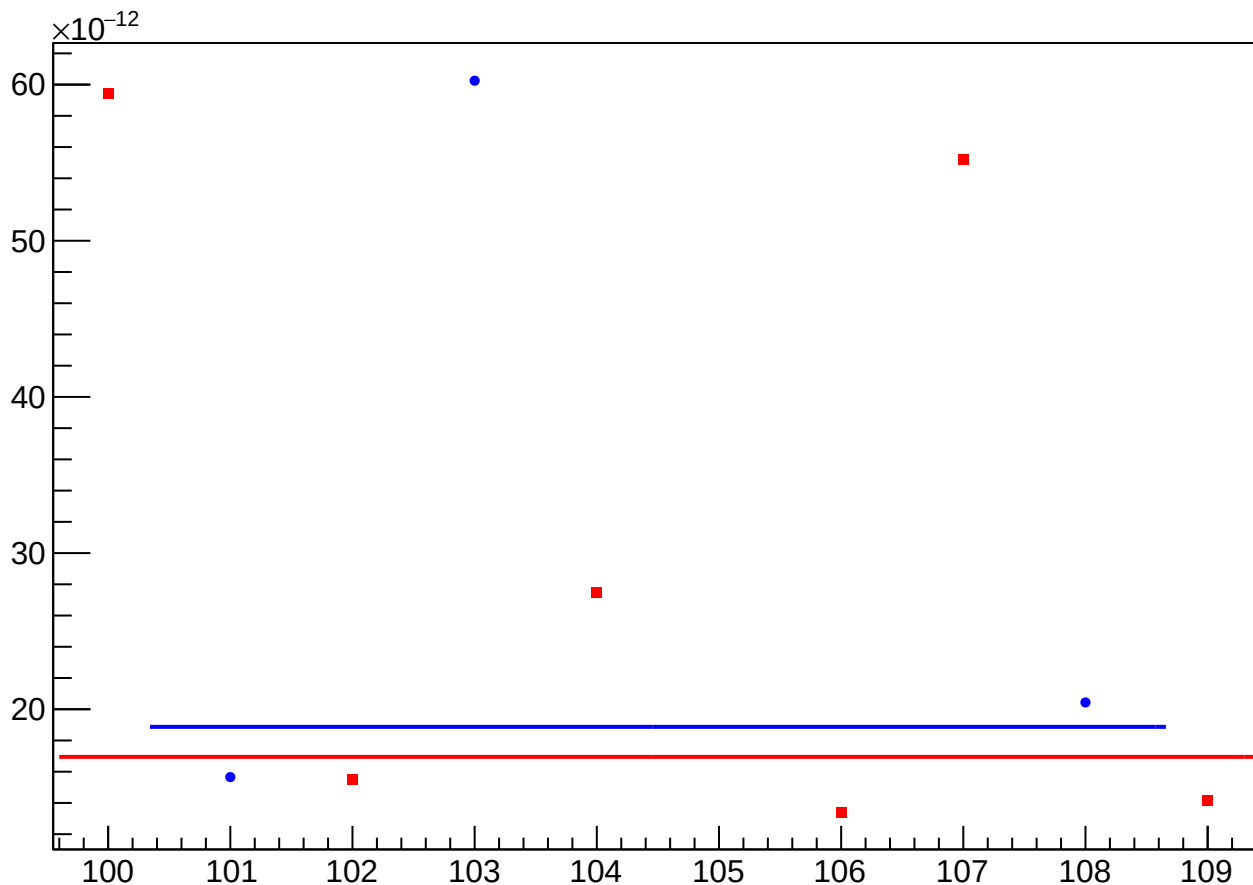
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 432876.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 276253.2/5

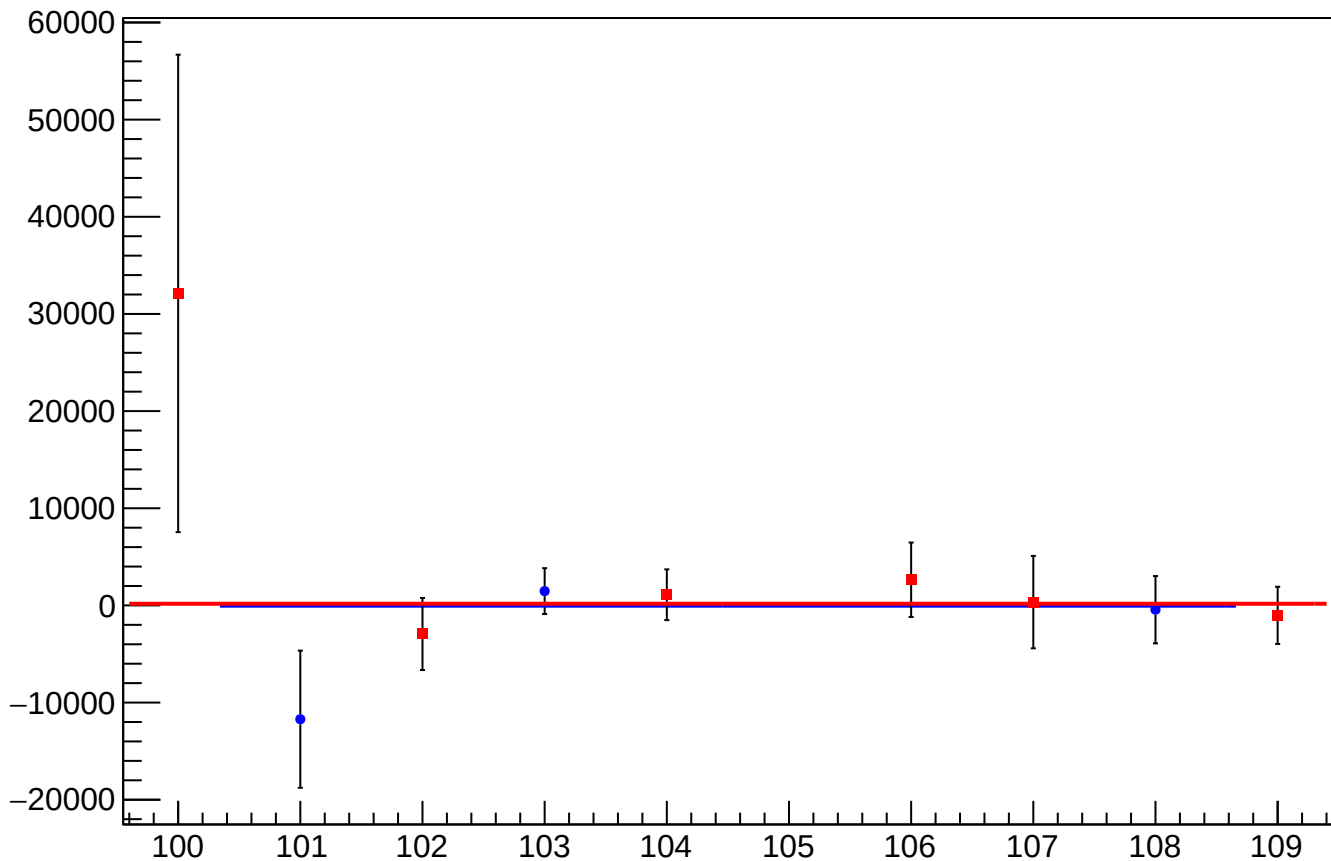
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 718527.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_mean vs Slug



Right In: -25.138+/-1879.095 χ^2 /NDF: 3.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 172.111+/-1493.146 χ^2 /NDF: 3.1/5

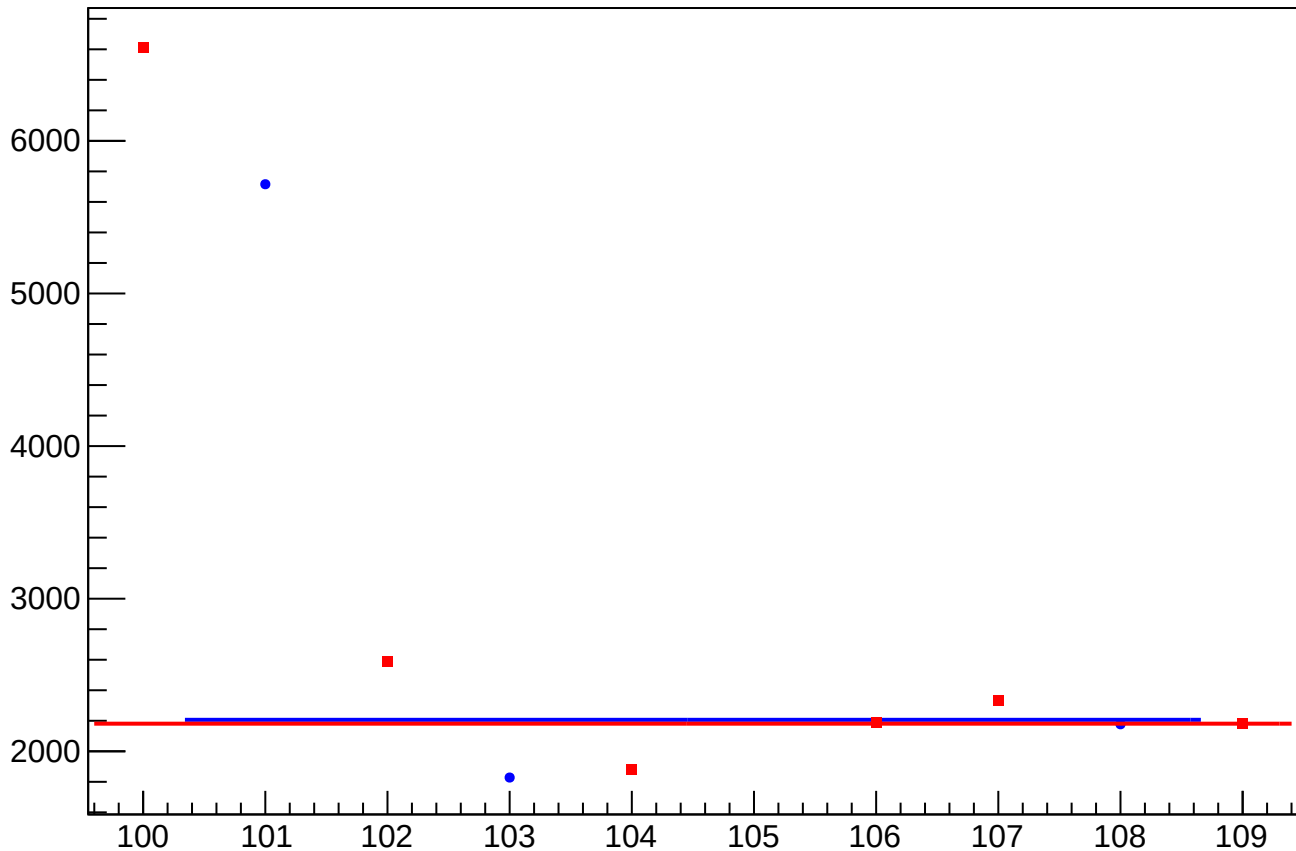
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 95.769+/-1169.019 χ^2 /NDF: 6.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 2206.338 $\pm$ 1.329 χ^2/NDF : 546018.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2181.029 $\pm$ 1.056 χ^2/NDF : 118305.9/5

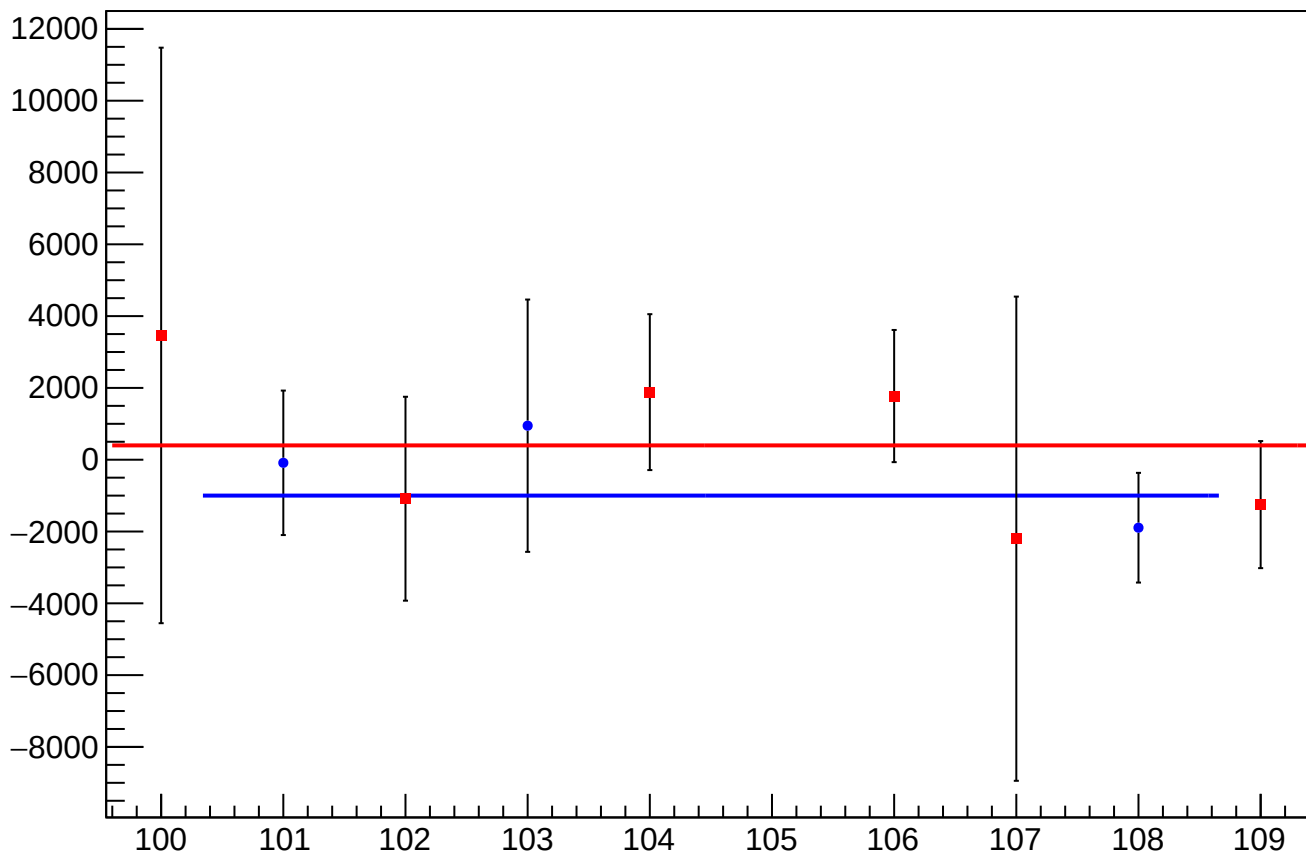
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2190.824 $\pm$ 0.827 χ^2/NDF : 664546.5/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_mean vs Slug



Right In: -999.349+/-1149.883 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 398.765+/-1006.033 χ^2/NDF : 2.5/5

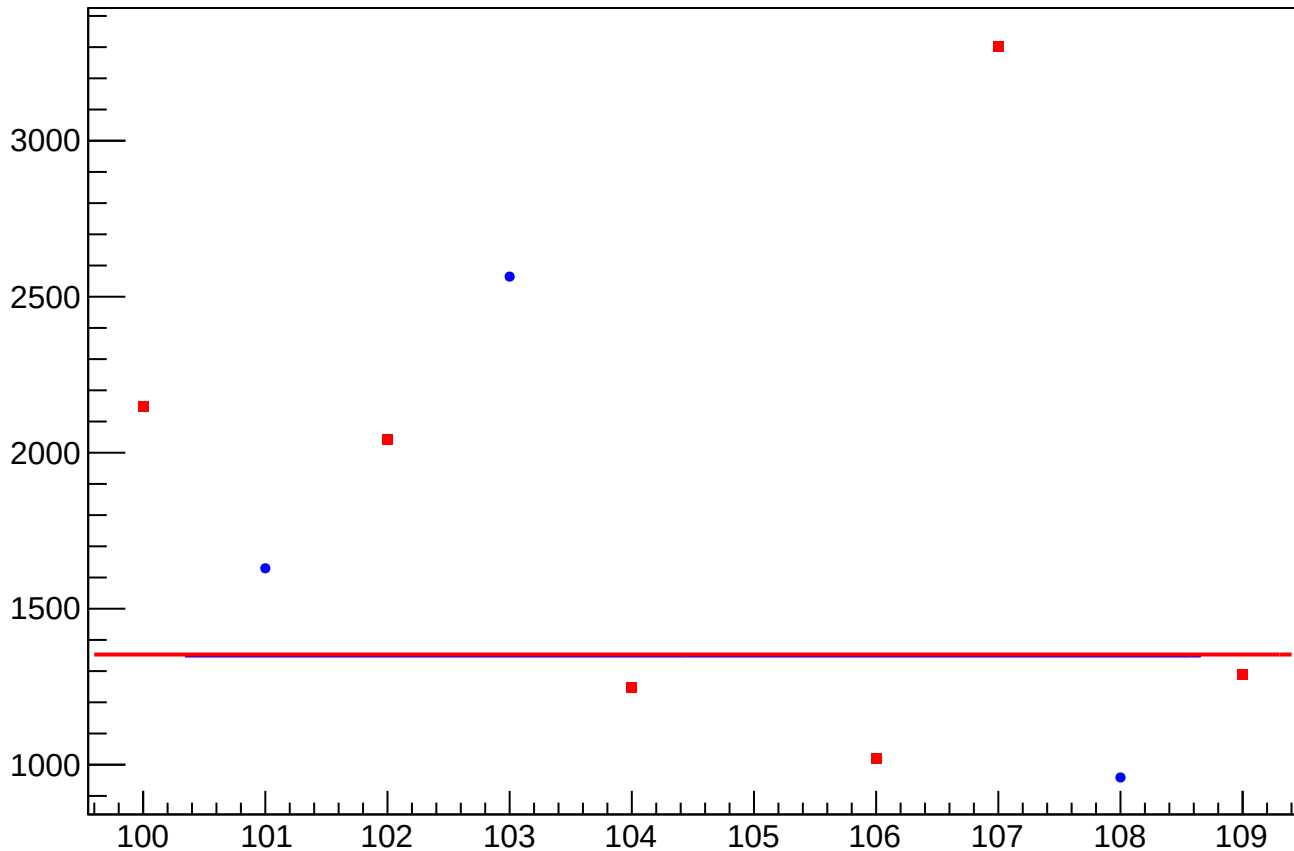
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.418+/-757.154 χ^2/NDF : 4.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 1349.994+/-0.813 χ^2/NDF : 408390.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.191+/-0.711 χ^2/NDF : 377830.0/5

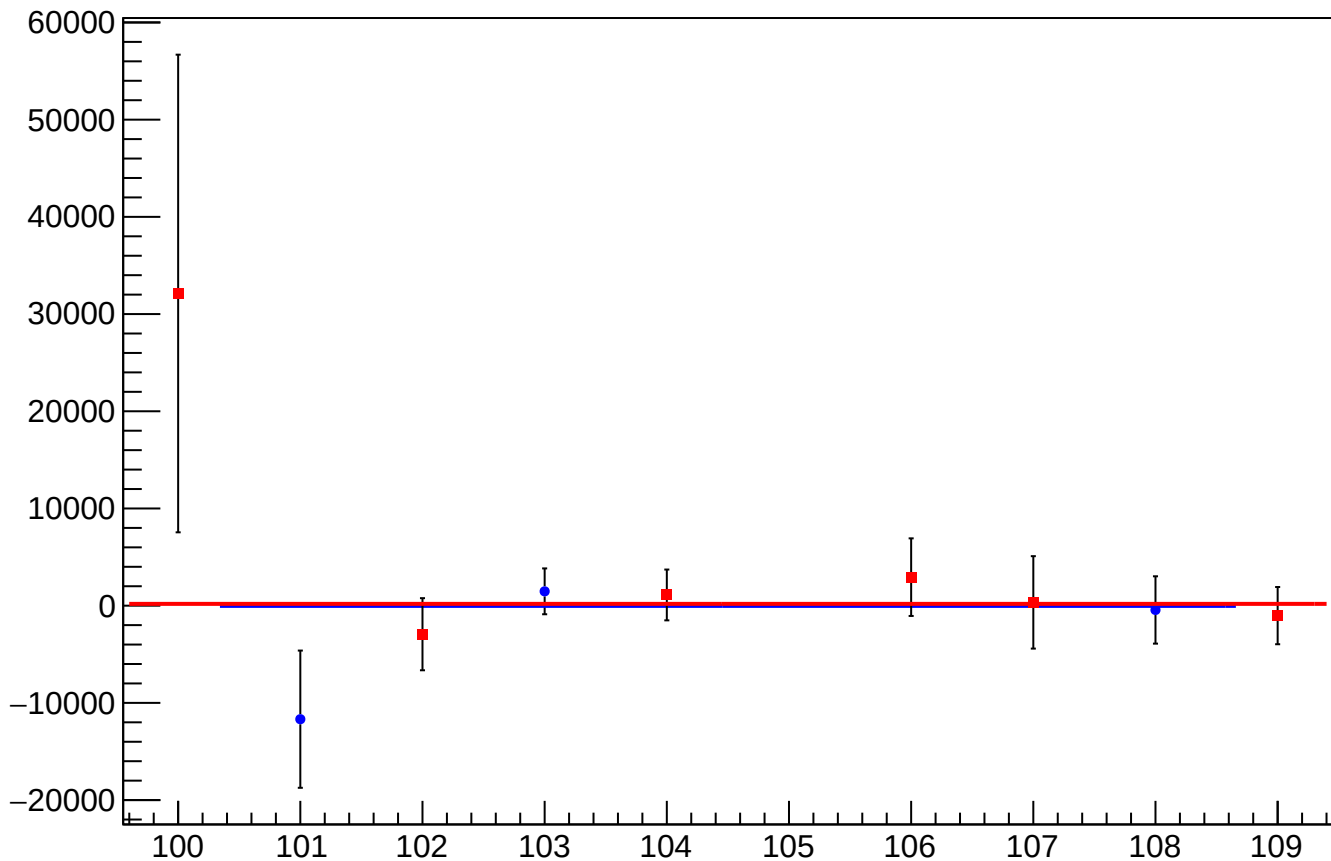
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.805+/-0.535 χ^2/NDF : 786228.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_mean vs Slug



Right In: -20.528 $\pm$ 1879.097 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 185.750 $\pm$ 1502.175 χ^2 /NDF: 3.2/5

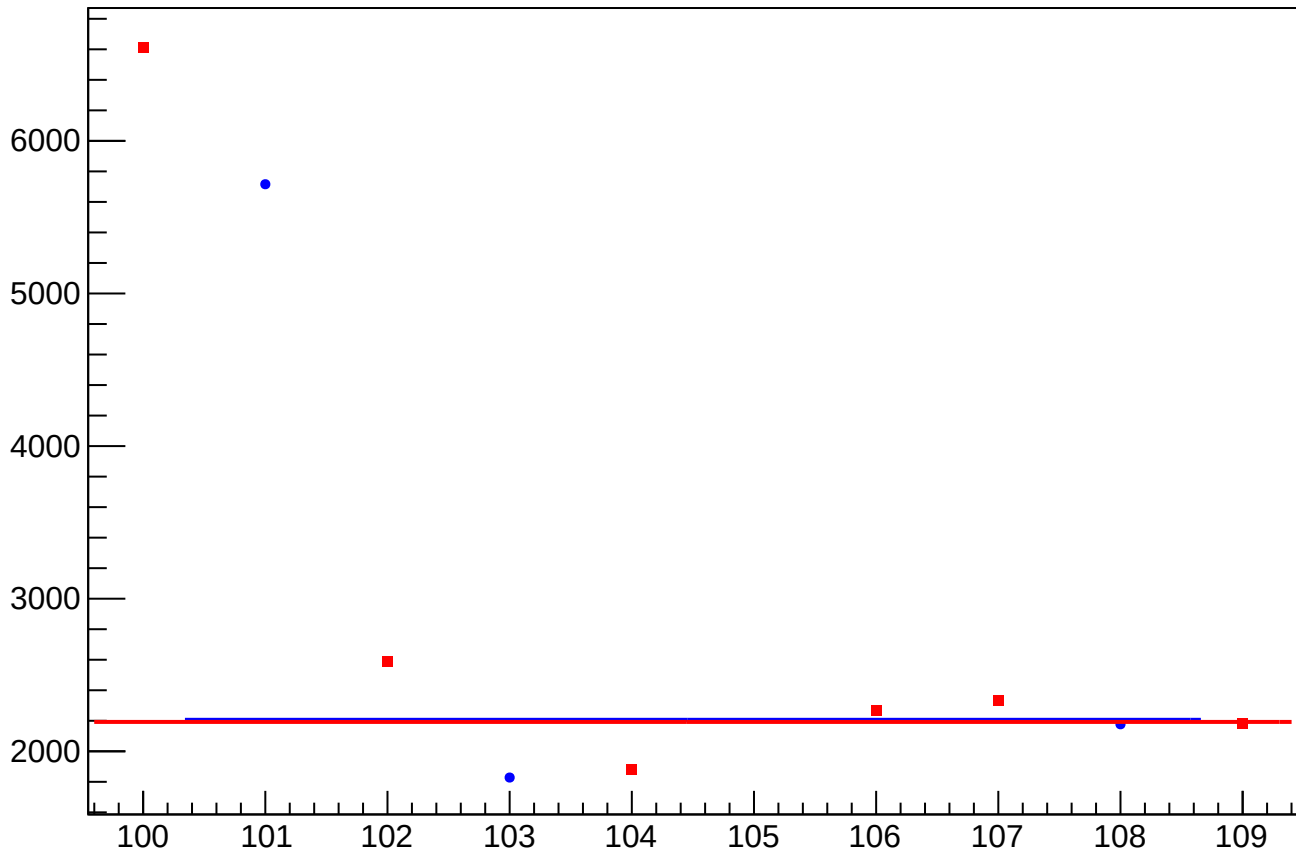
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.323 $\pm$ 1173.338 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 2206.338+/-1.329 χ^2/NDF : 546018.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2192.553+/-1.062 χ^2/NDF : 119158.2/5

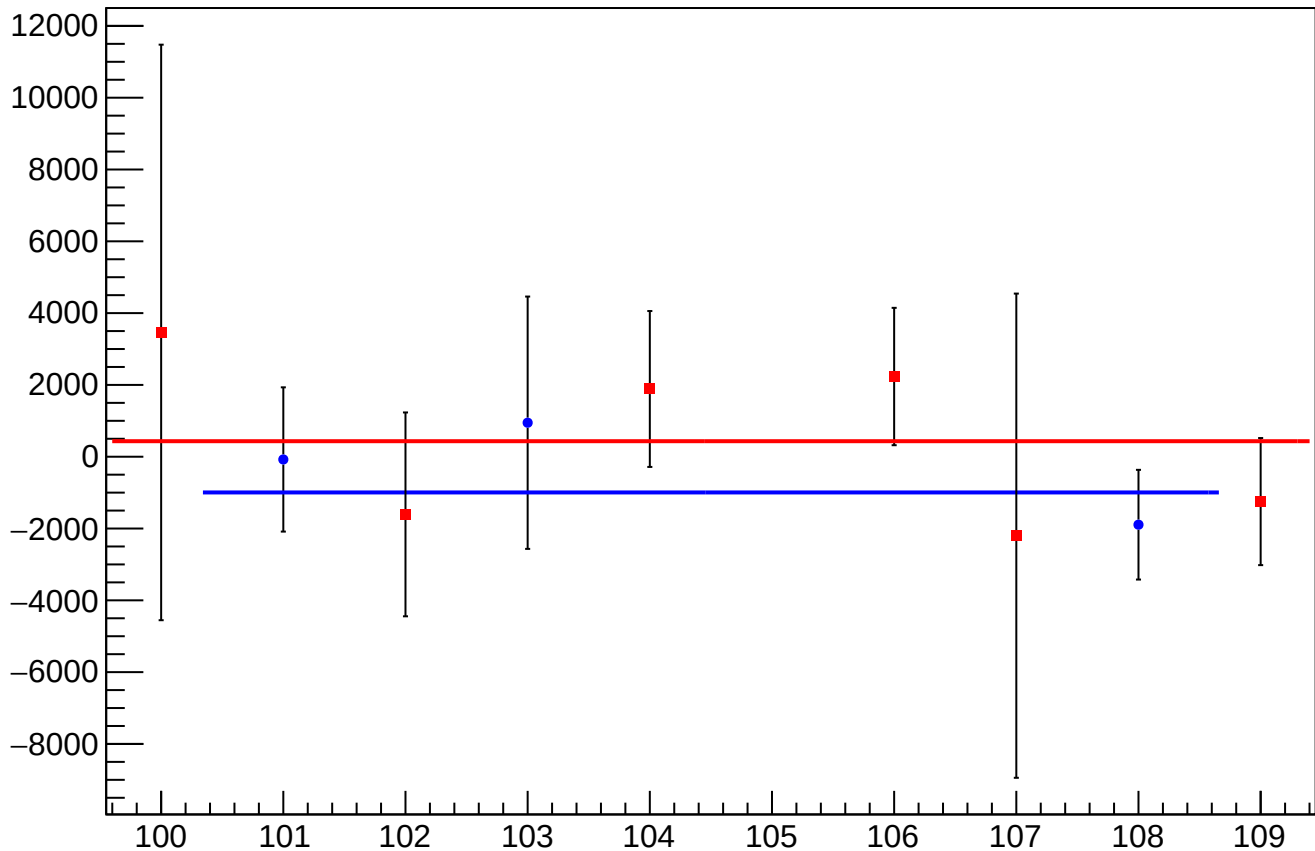
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2197.928+/-0.830 χ^2/NDF : 665241.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_mean vs Slug



Right In: -995.002+/-1149.320 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 432.337+/-1017.289 χ^2/NDF : 3.0/5

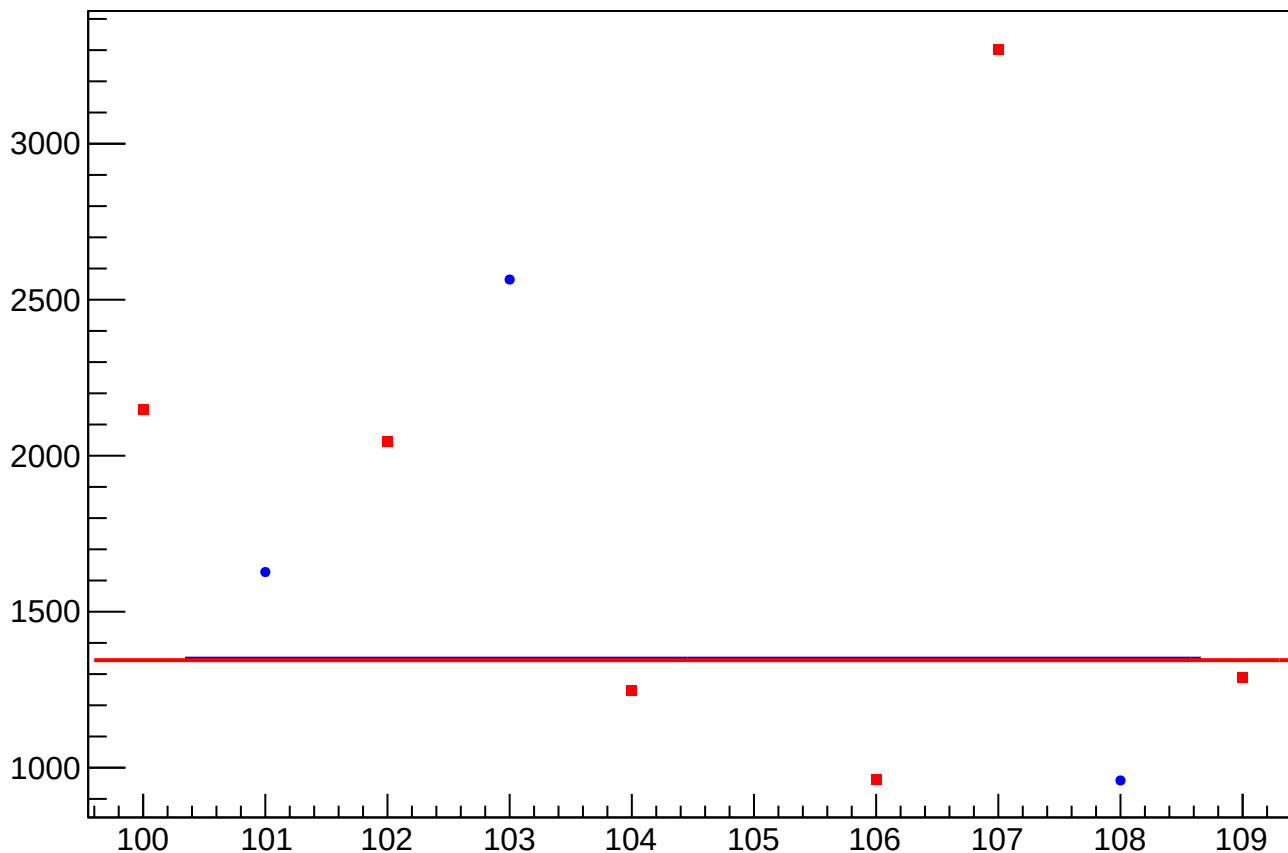
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.674+/-761.754 χ^2/NDF : 4.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



Right In: 1349.462 $\pm$ 0.813 χ^2 /NDF: 407895.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1344.670 $\pm$ 0.719 χ^2 /NDF: 397272.2/5

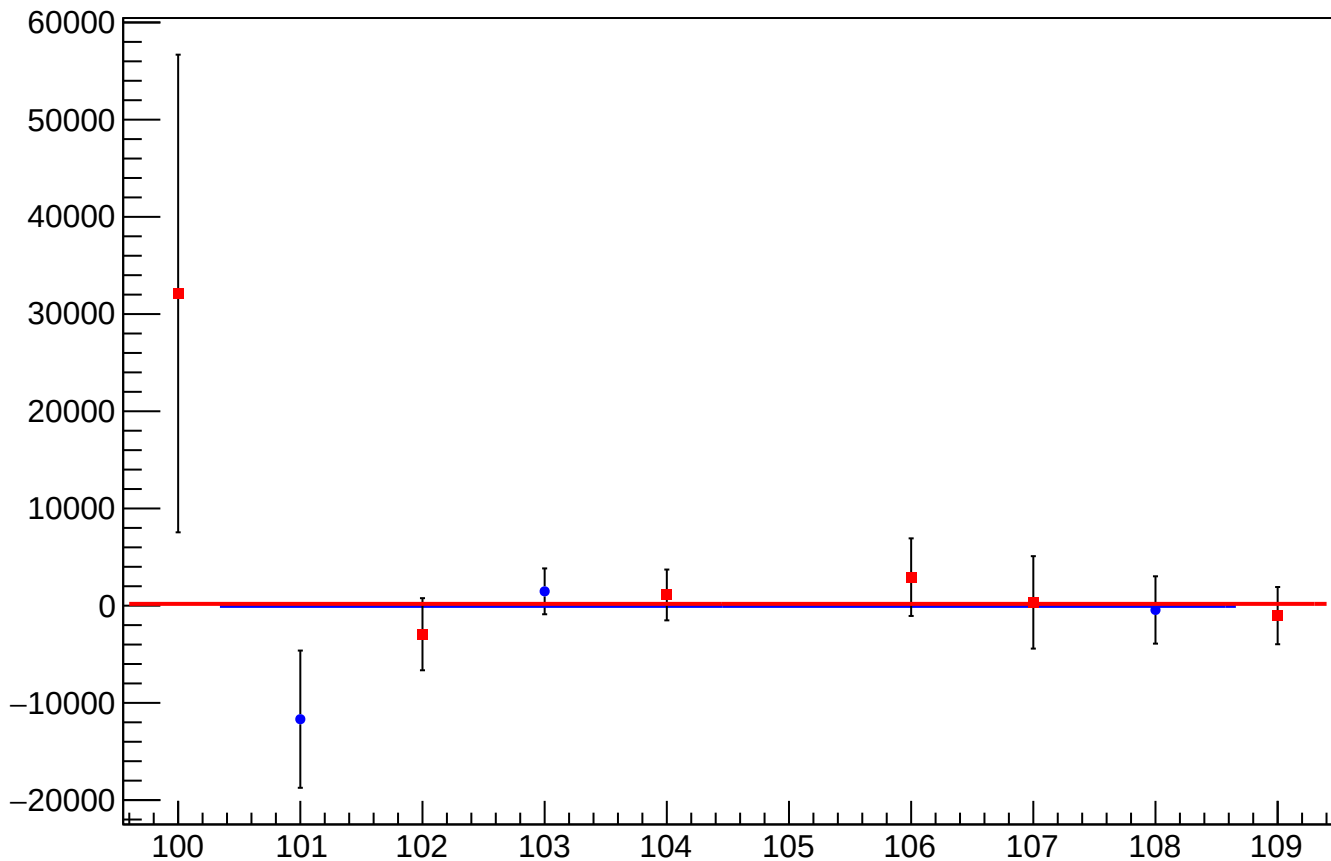
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1346.775 $\pm$ 0.539 χ^2 /NDF: 805187.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



Right In: -20.528 $\pm$ 1879.097 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 185.750 $\pm$ 1502.175 χ^2 /NDF: 3.2/5

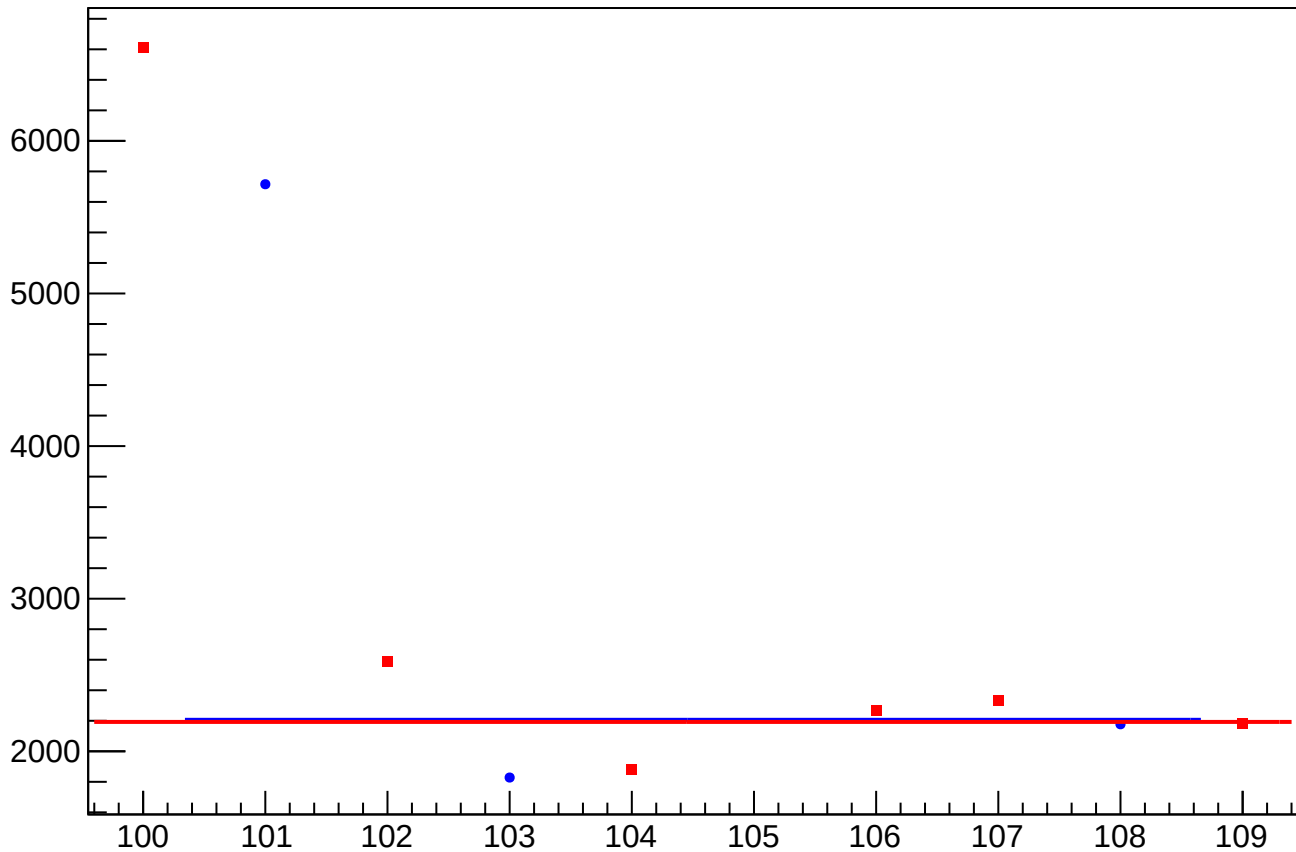
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.323 $\pm$ 1173.338 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 2206.338 $\pm$ 1.329 χ^2 /NDF: 546018.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2192.553 $\pm$ 1.062 χ^2 /NDF: 119158.2/5

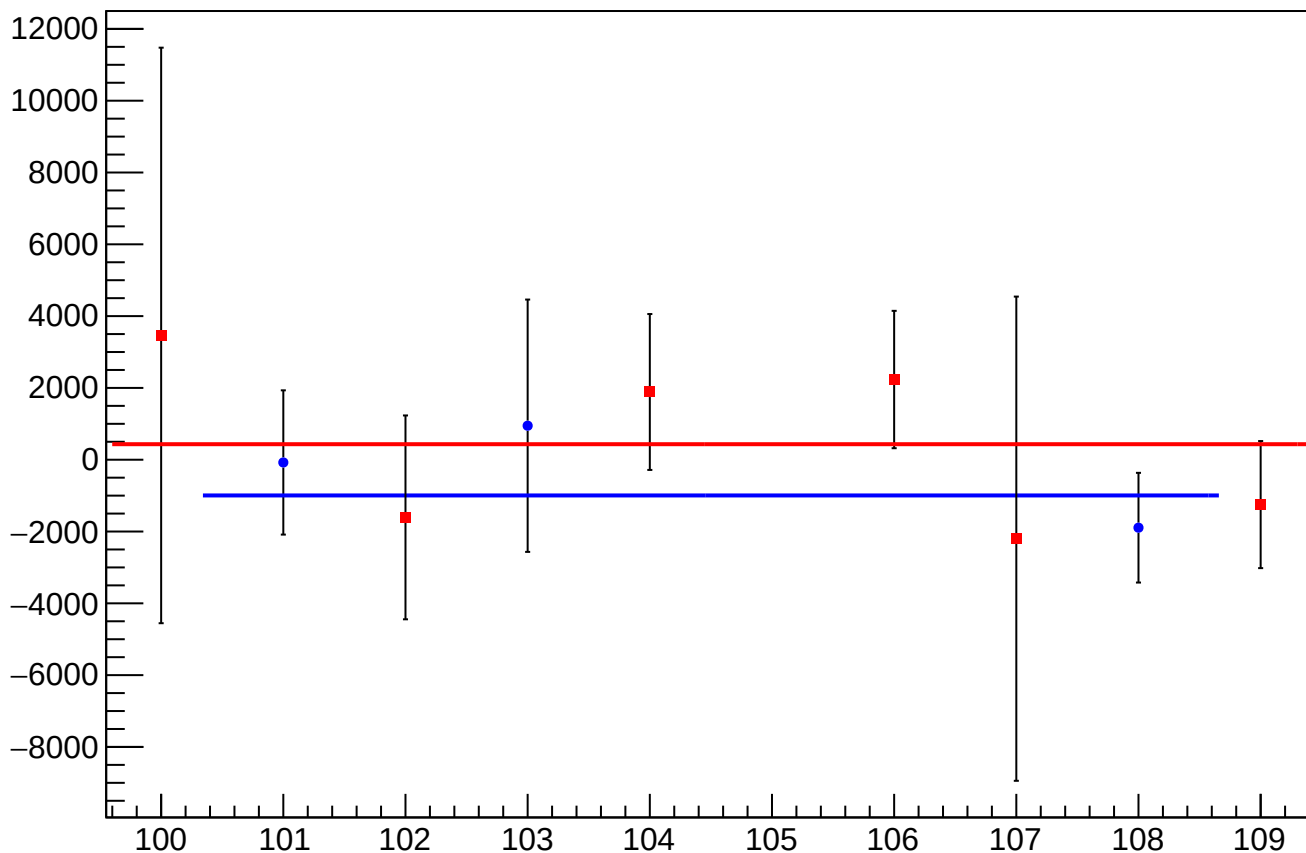
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2197.928 $\pm$ 0.830 χ^2 /NDF: 665241.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: -995.002 $\pm$ 1149.320 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 432.337 $\pm$ 1017.289 χ^2 /NDF: 3.0/5

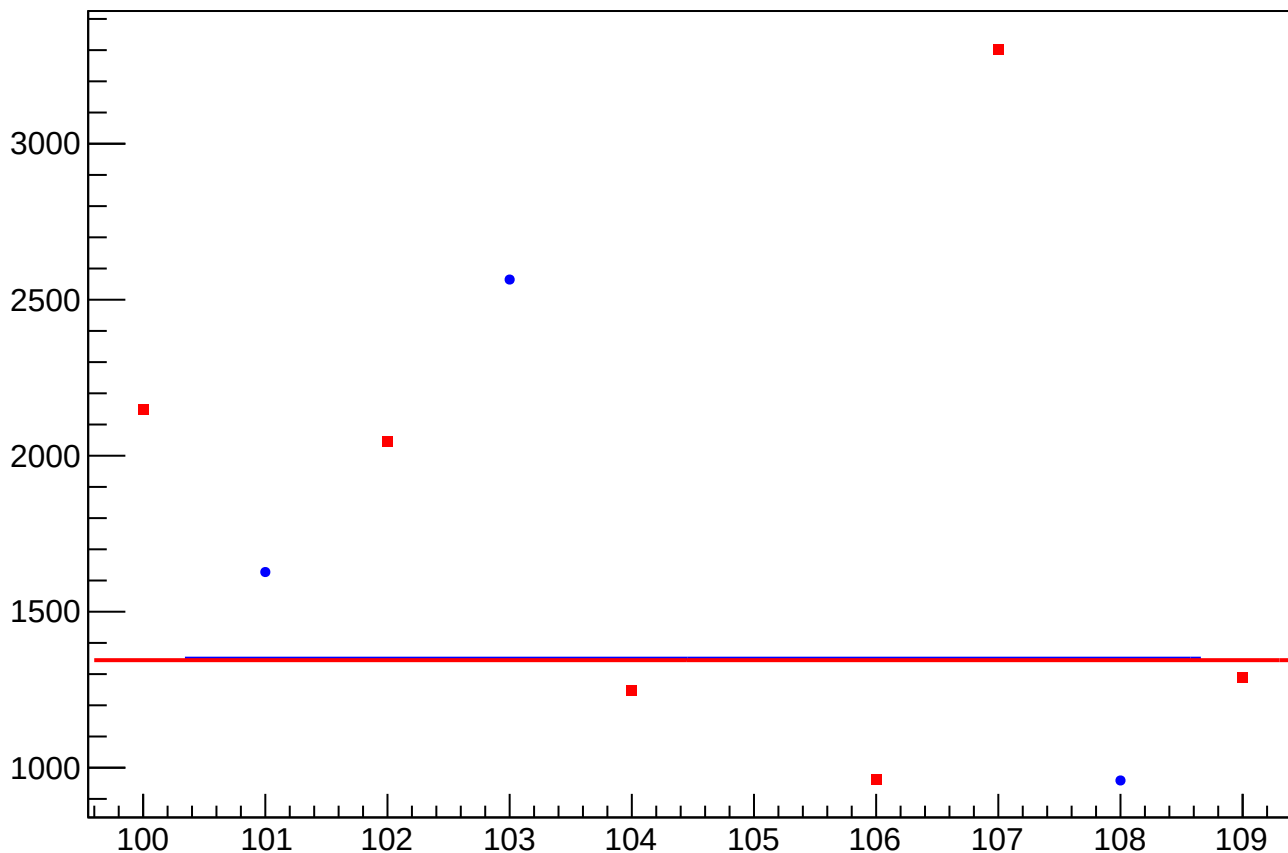
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -194.674 $\pm$ 761.754 χ^2 /NDF: 4.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



Right In: 1349.462 $\pm$ 0.813 χ^2 /NDF: 407895.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1344.670 $\pm$ 0.719 χ^2 /NDF: 397272.2/5

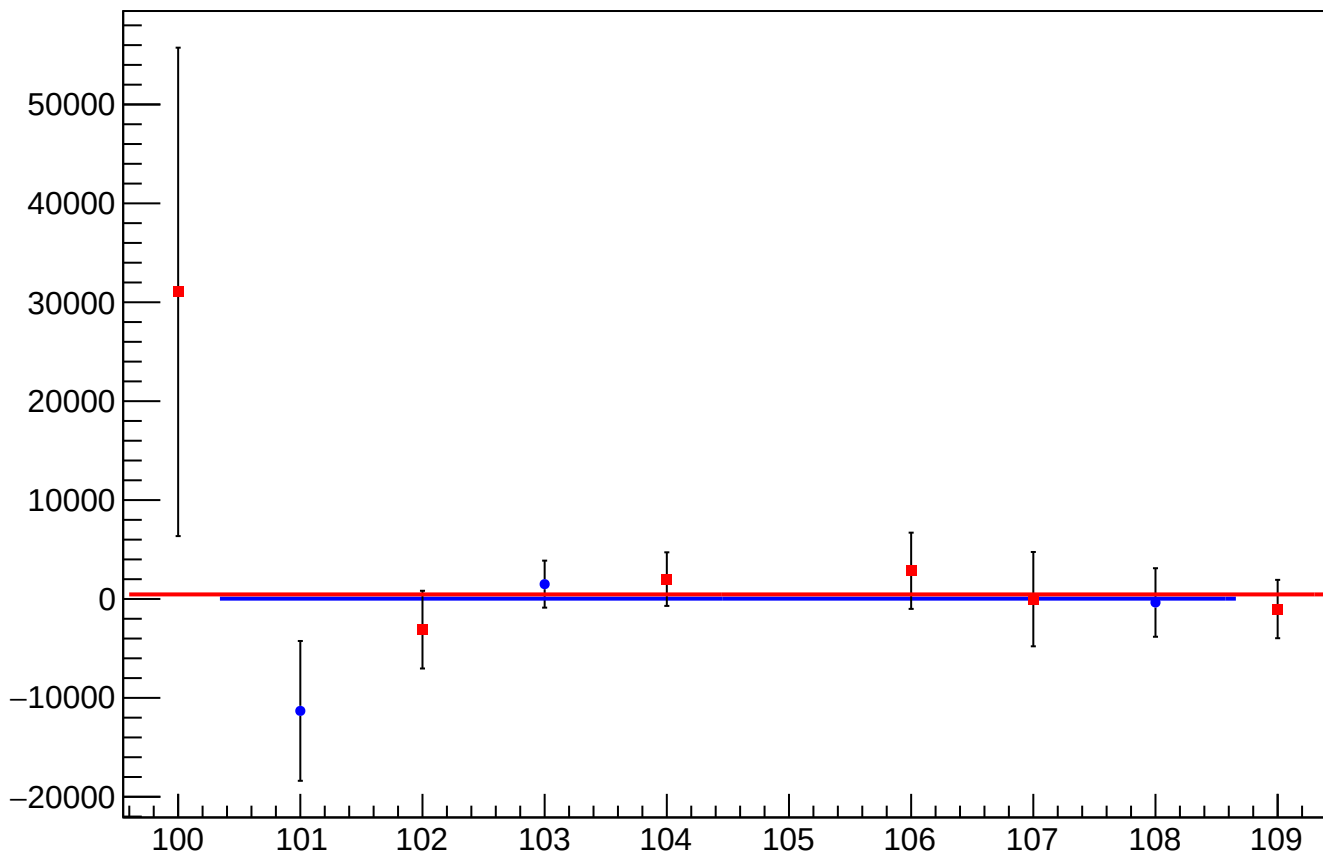
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1346.775 $\pm$ 0.539 χ^2 /NDF: 805187.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_mean vs Slug



Right In: 34.351+/-1888.622 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.682+/-1526.953 χ^2/NDF : 3.3/5

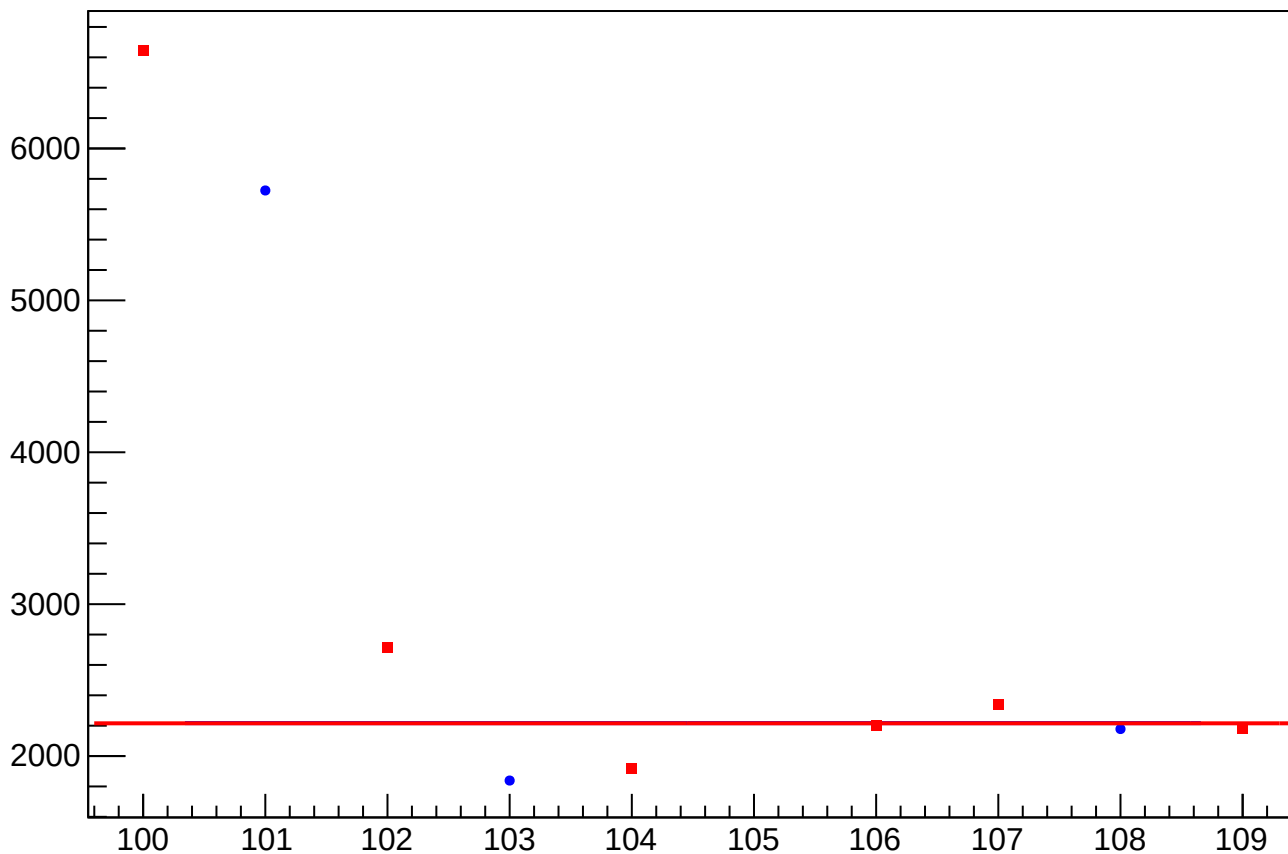
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.764+/-1187.410 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_rms vs Slug



Right In: 2216.995+/-1.335 χ^2/NDF : 543129.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.599+/-1.080 χ^2/NDF : 121772.3/5

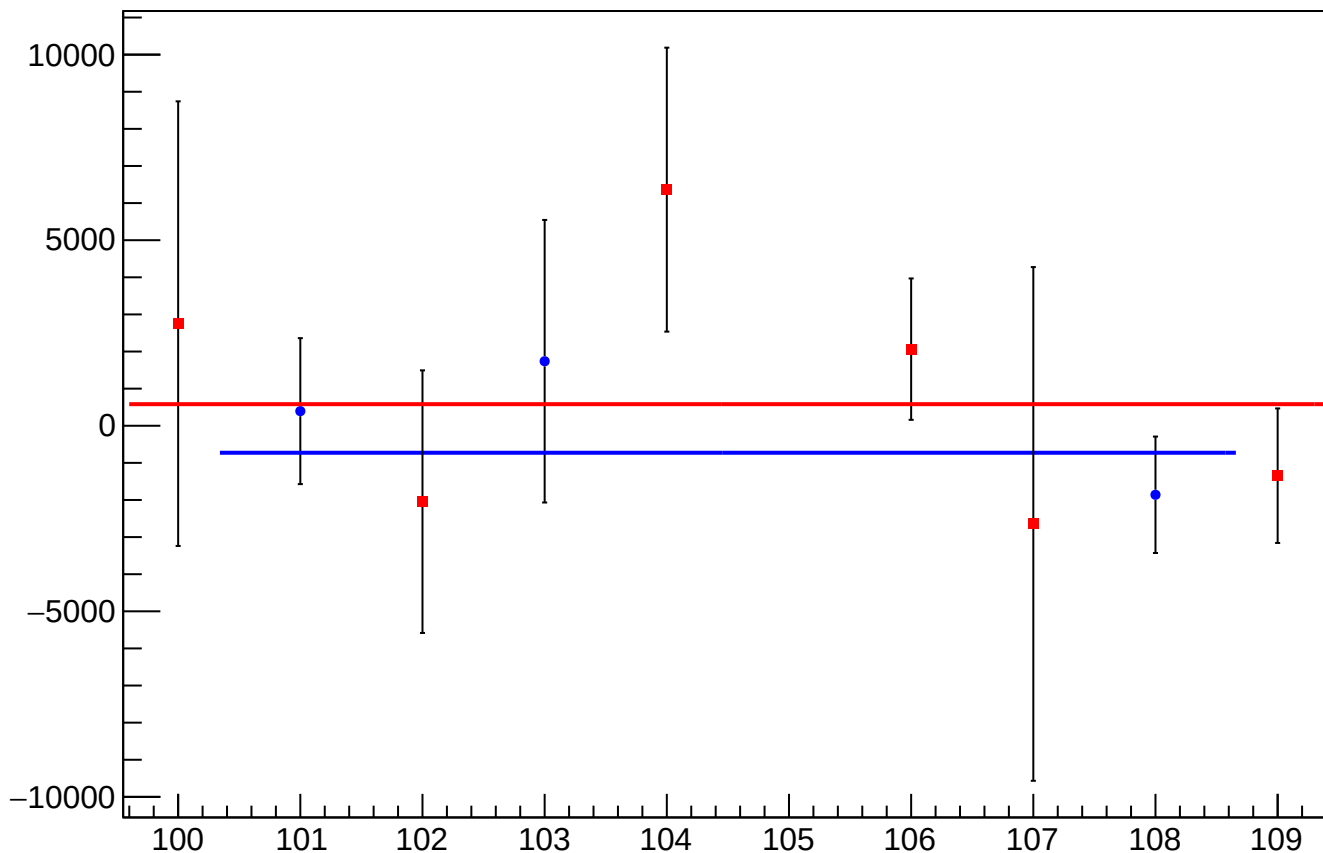
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2216.150+/-0.840 χ^2/NDF : 664902.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



Right In: -727.458 $\pm$ 1167.280 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 581.766 $\pm$ 1134.524 χ^2 /NDF: 4.9/5

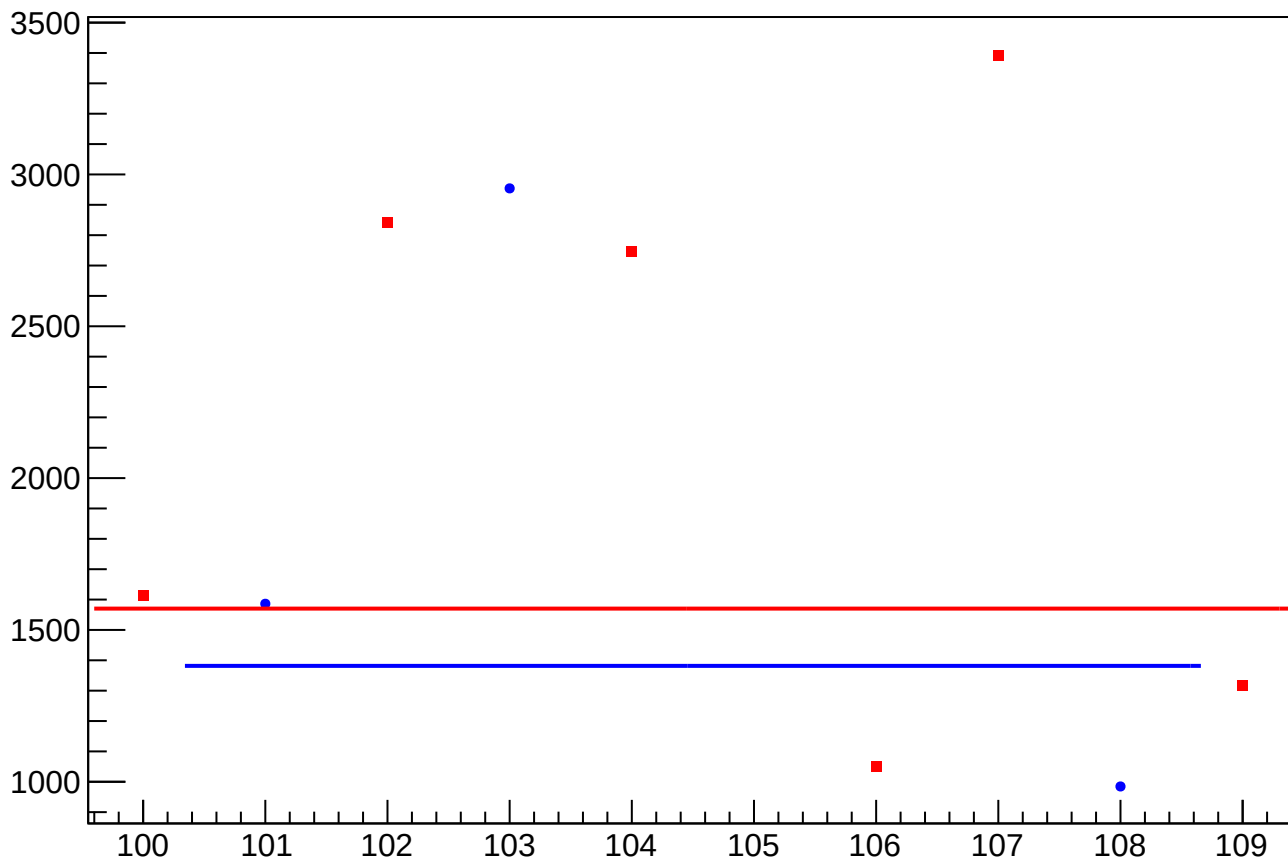
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -54.219 $\pm$ 813.563 χ^2 /NDF: 6.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



Right In: 1381.662 $\pm$ 0.825 χ^2 /NDF: 491020.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1570.266 $\pm$ 0.802 χ^2 /NDF: 775526.8/5

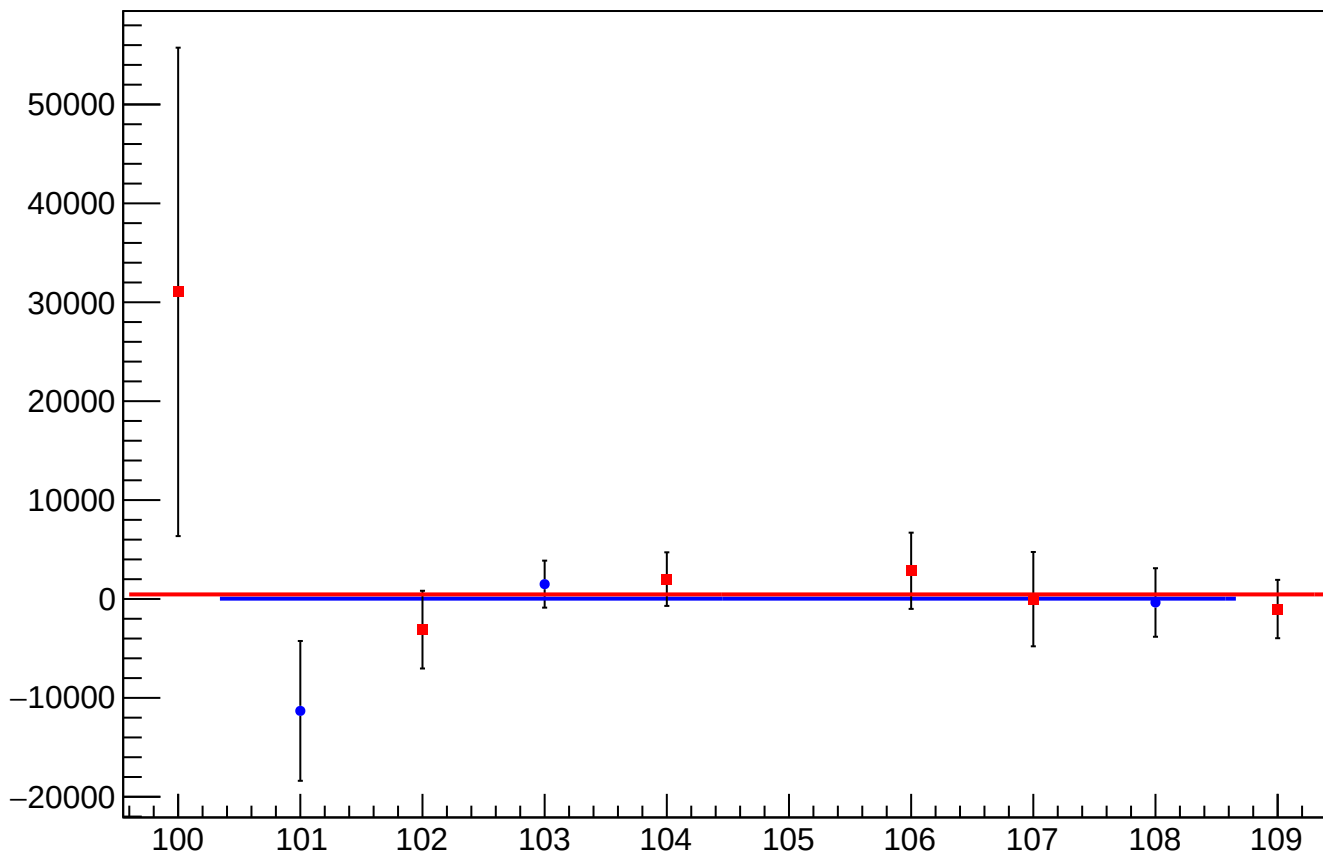
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1478.647 $\pm$ 0.575 χ^2 /NDF: 1293396.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: 34.349+/-1888.622 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.683+/-1526.953 χ^2/NDF : 3.3/5

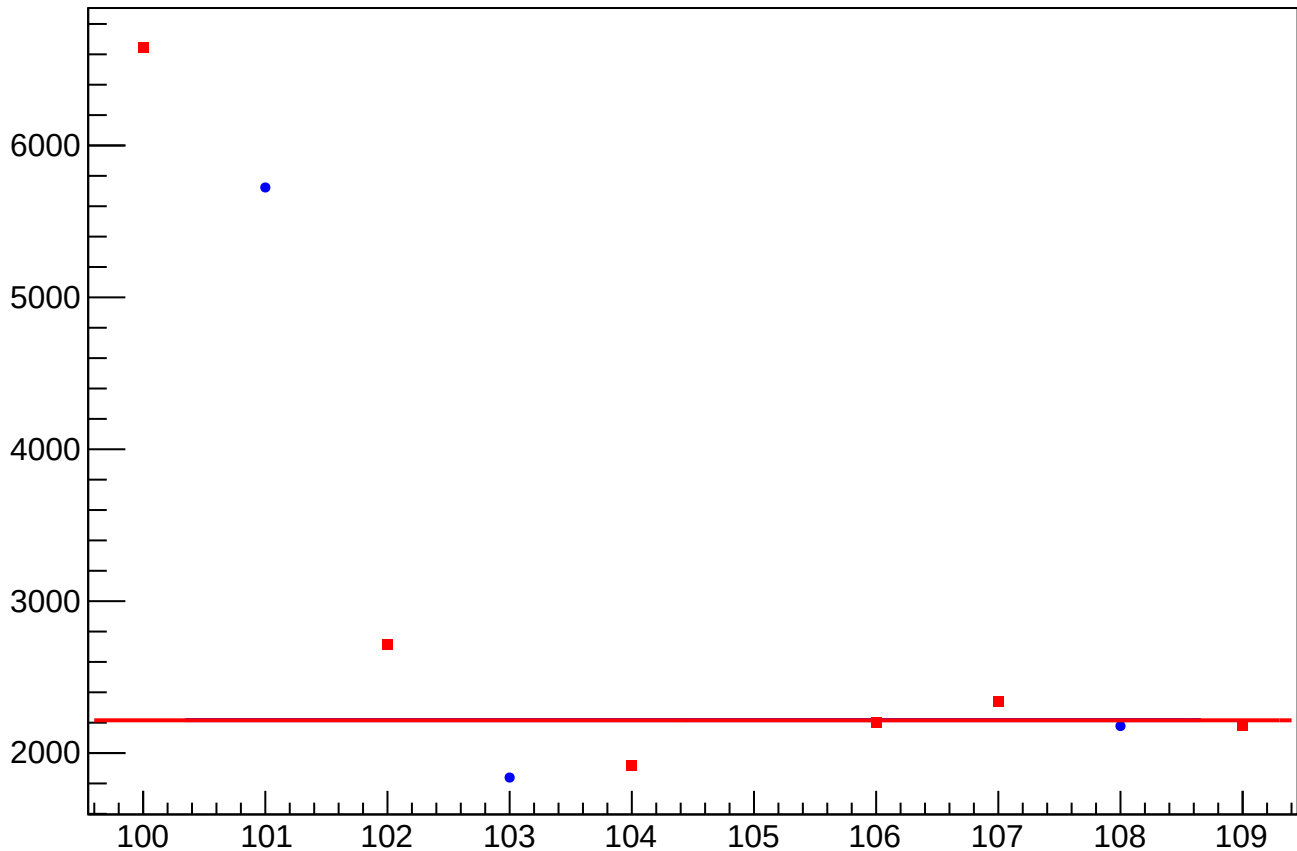
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.764+/-1187.410 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 2216.994+/-1.335 χ^2/NDF : 543129.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2215.598+/-1.080 χ^2/NDF : 121772.3/5

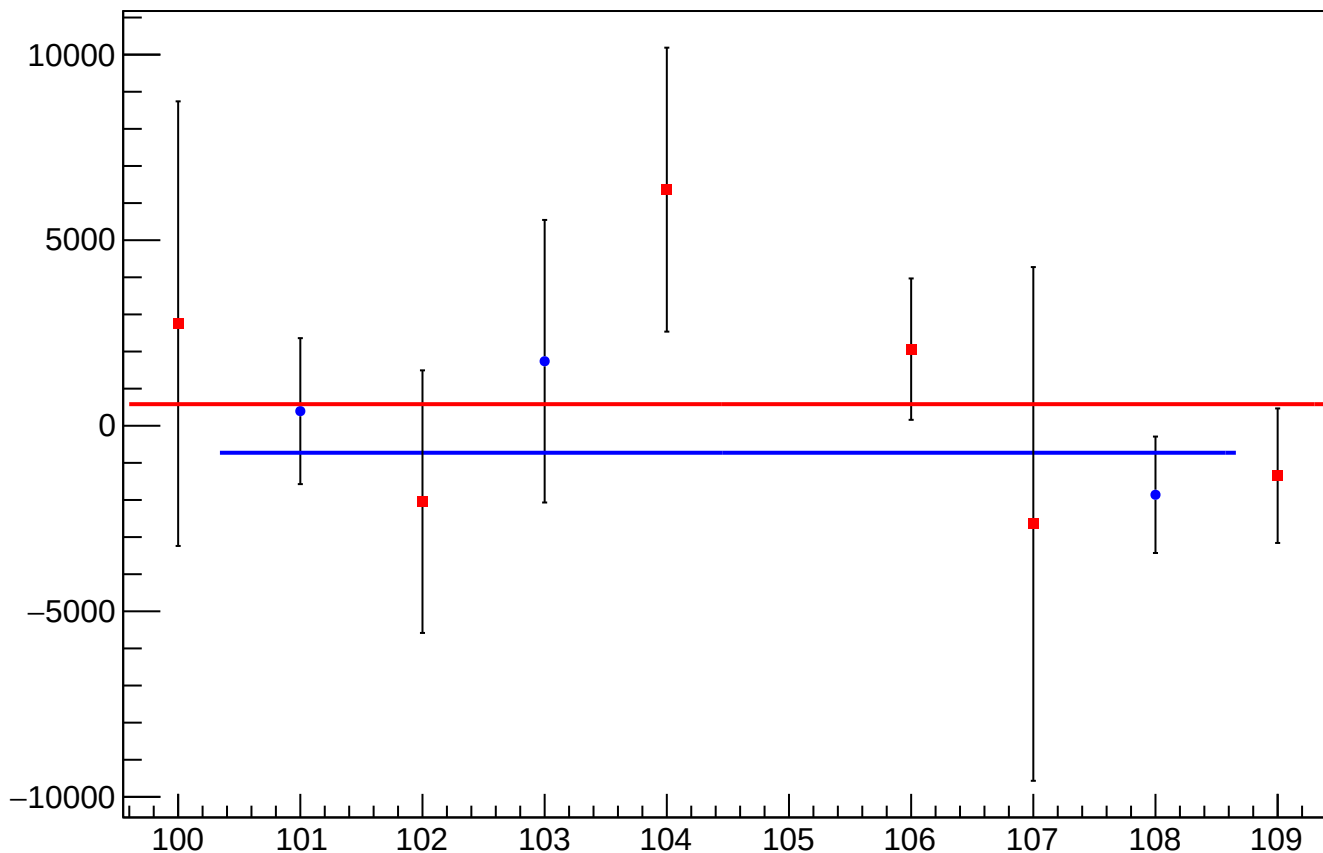
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2216.150+/-0.840 χ^2/NDF : 664902.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_mean vs Slug



Right In: -727.462+/-1167.277 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.761+/-1134.522 χ^2/NDF : 4.9/5

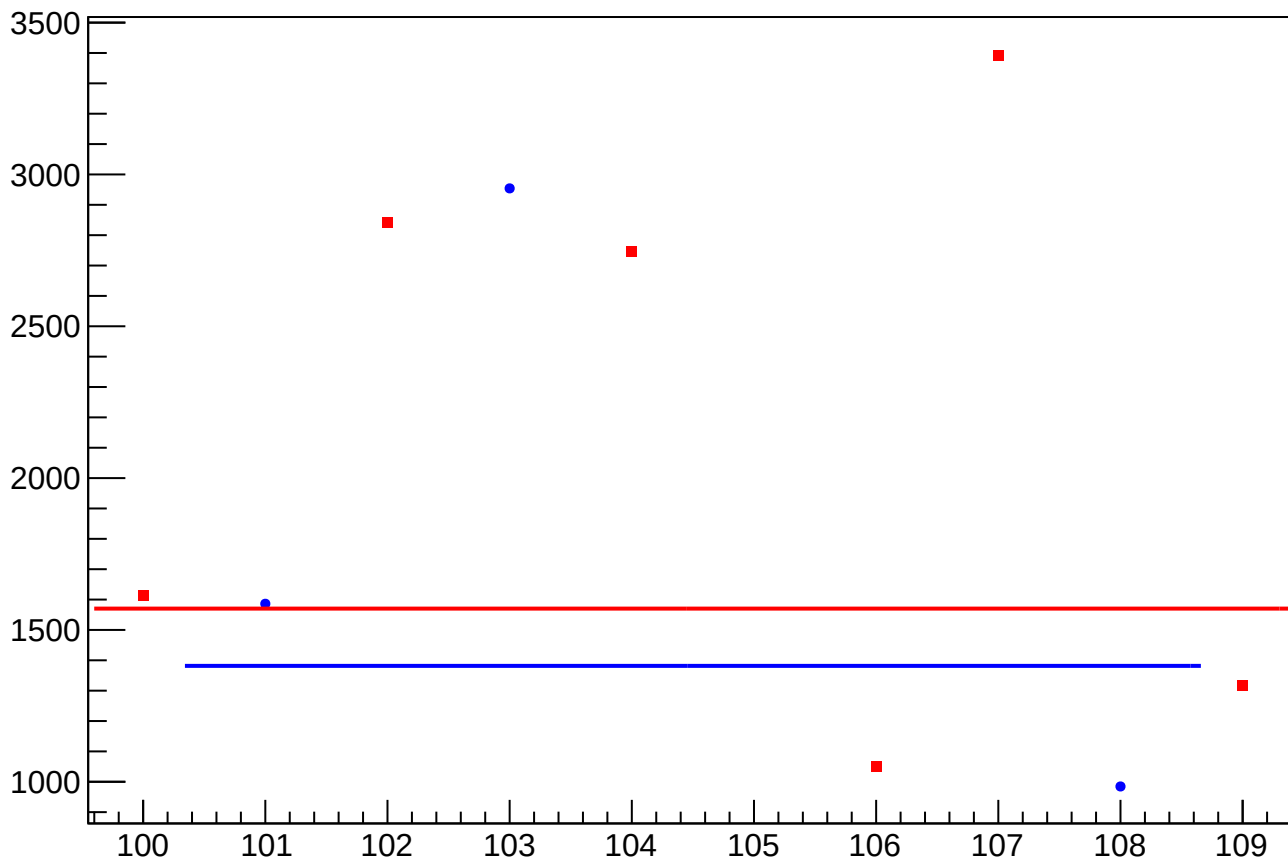
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.224+/-813.562 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 1381.658+/-0.825 χ^2/NDF : 491024.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1570.262+/-0.802 χ^2/NDF : 775531.8/5

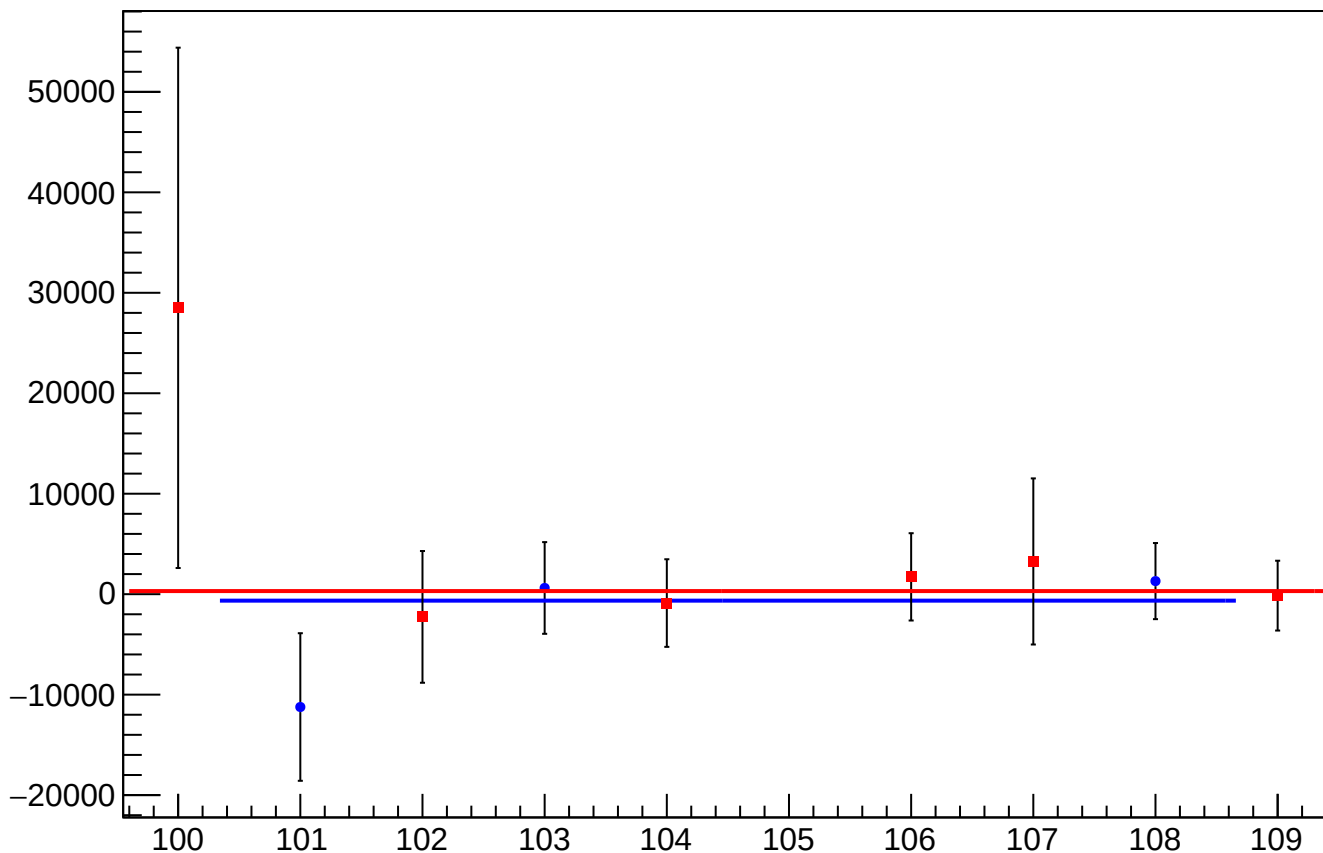
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1478.643+/-0.575 χ^2/NDF : 1293406.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



Right In: -643.601 ± 2709.418 χ^2/NDF : 2.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 308.995 ± 2095.283 χ^2/NDF : 1.7/5

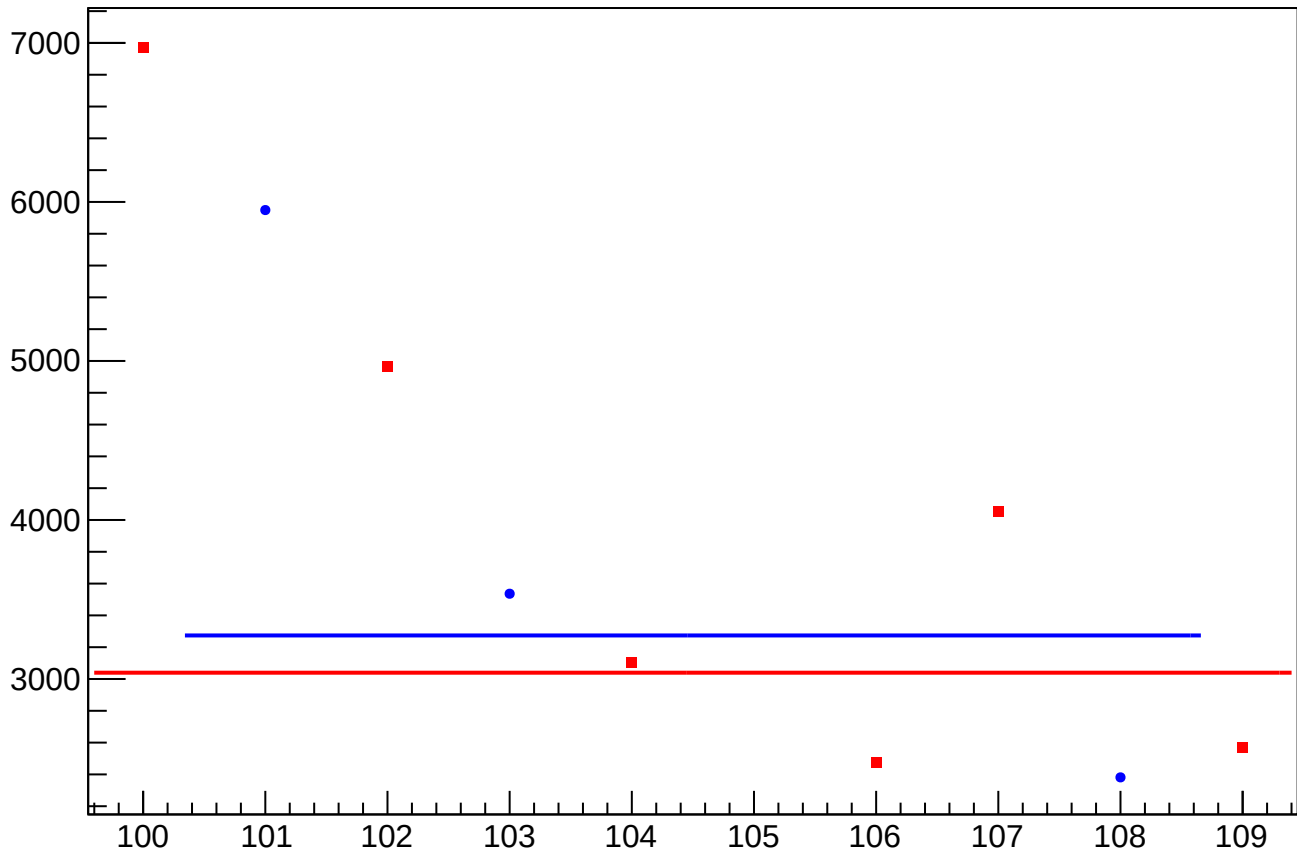
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.500 ± 1657.480 χ^2/NDF : 4.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_rms vs Slug



Right In: 3273.857+/-1.916 χ^2/NDF : 382882.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3039.625+/-1.482 χ^2/NDF : 320145.6/5

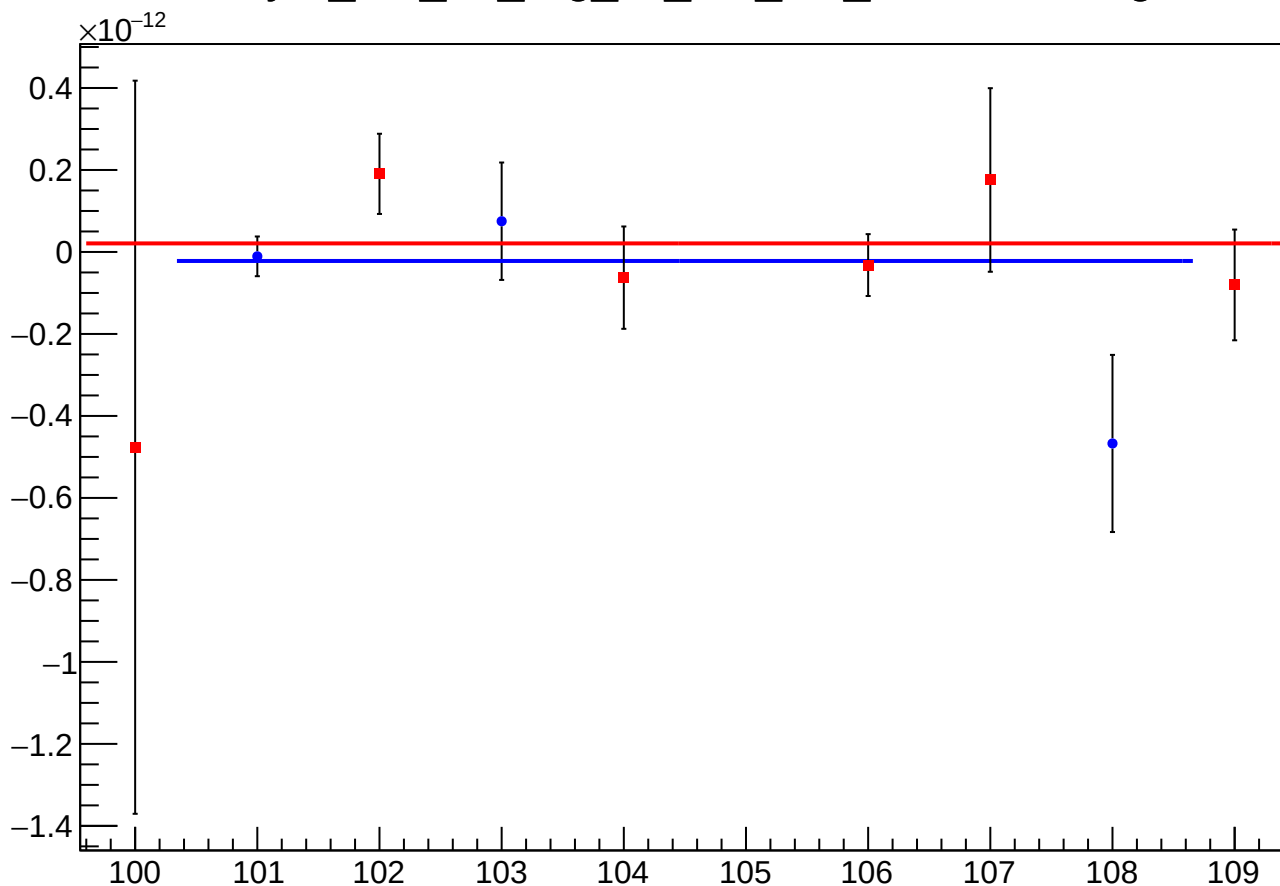
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3127.280+/-1.172 χ^2/NDF : 712381.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.3/5

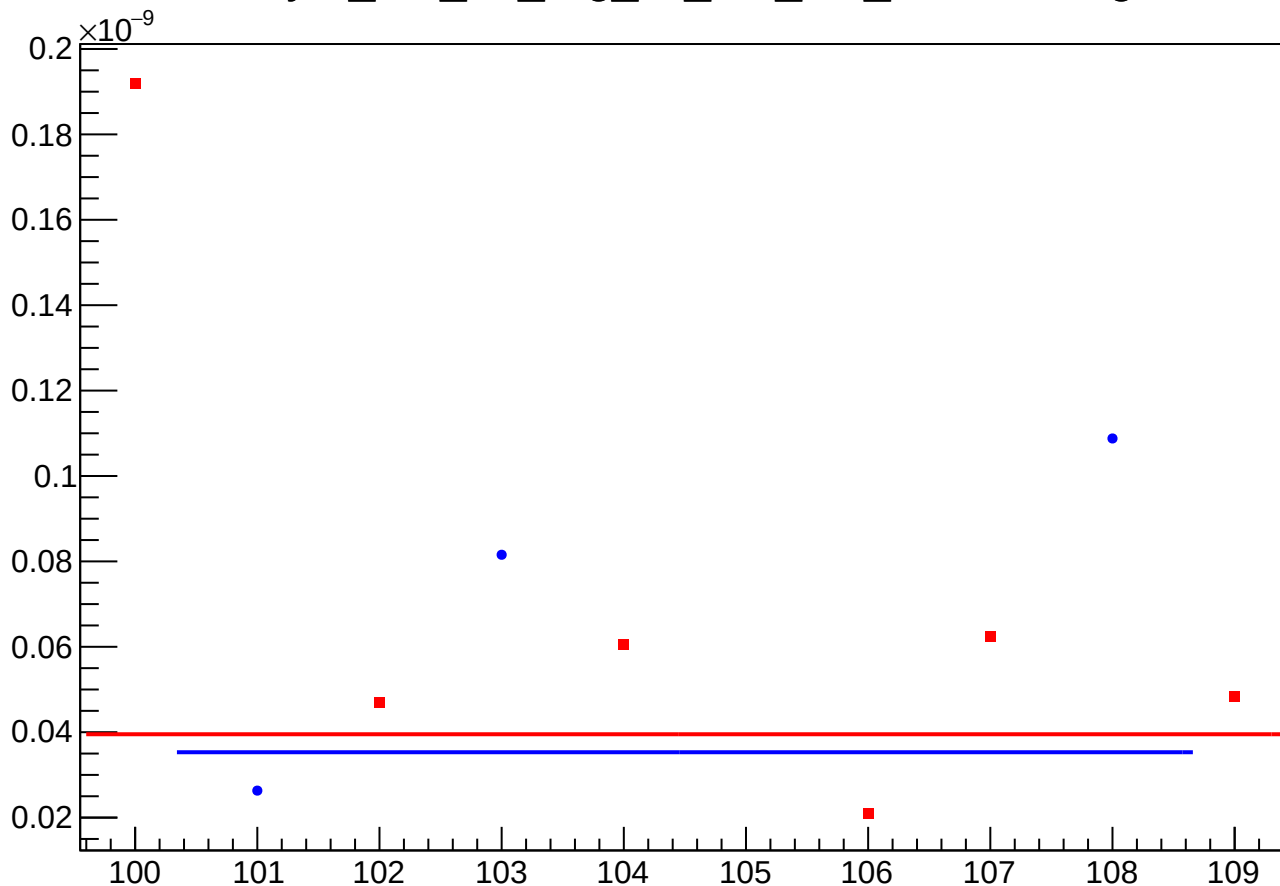
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 508685.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 276962.8/5

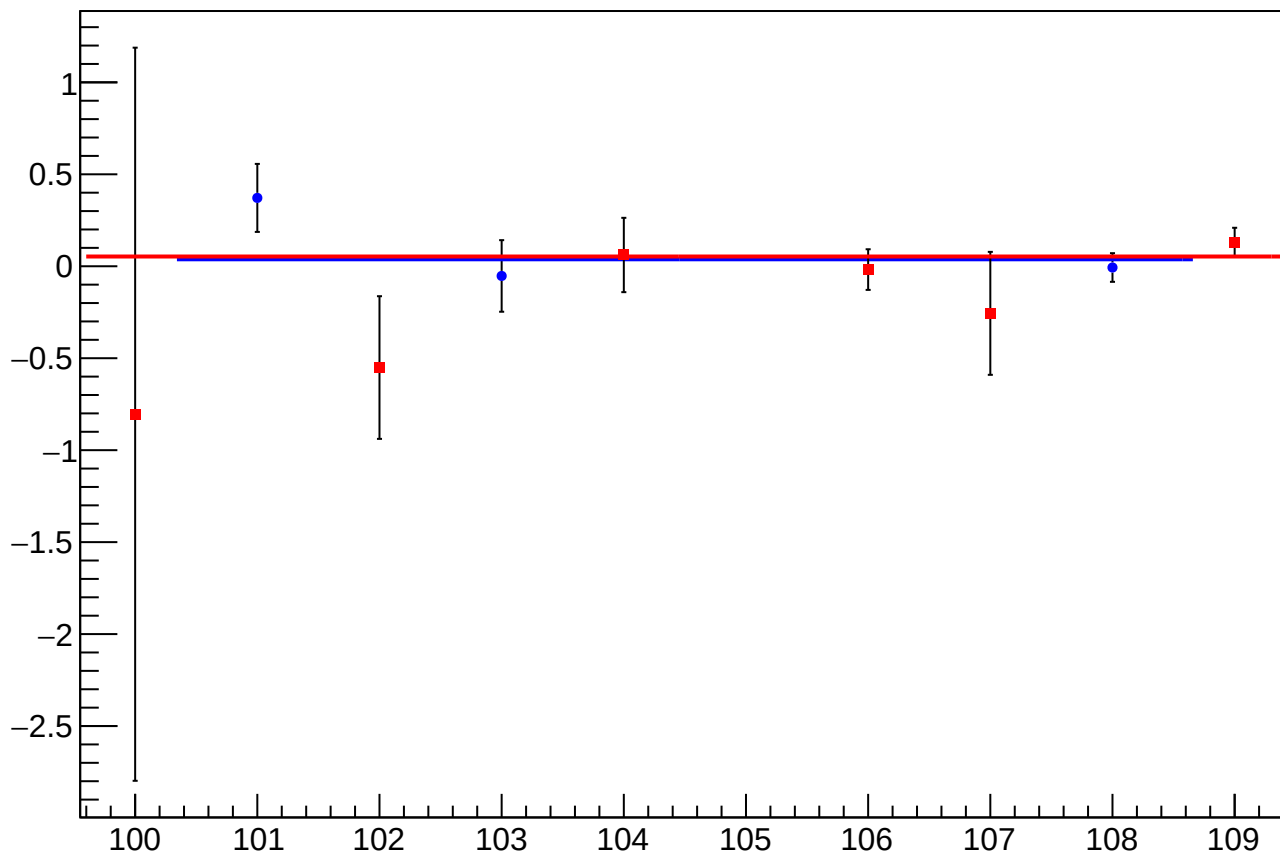
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 793727.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.053 $\pm$ 0.059 χ^2 /NDF: 4.9/5

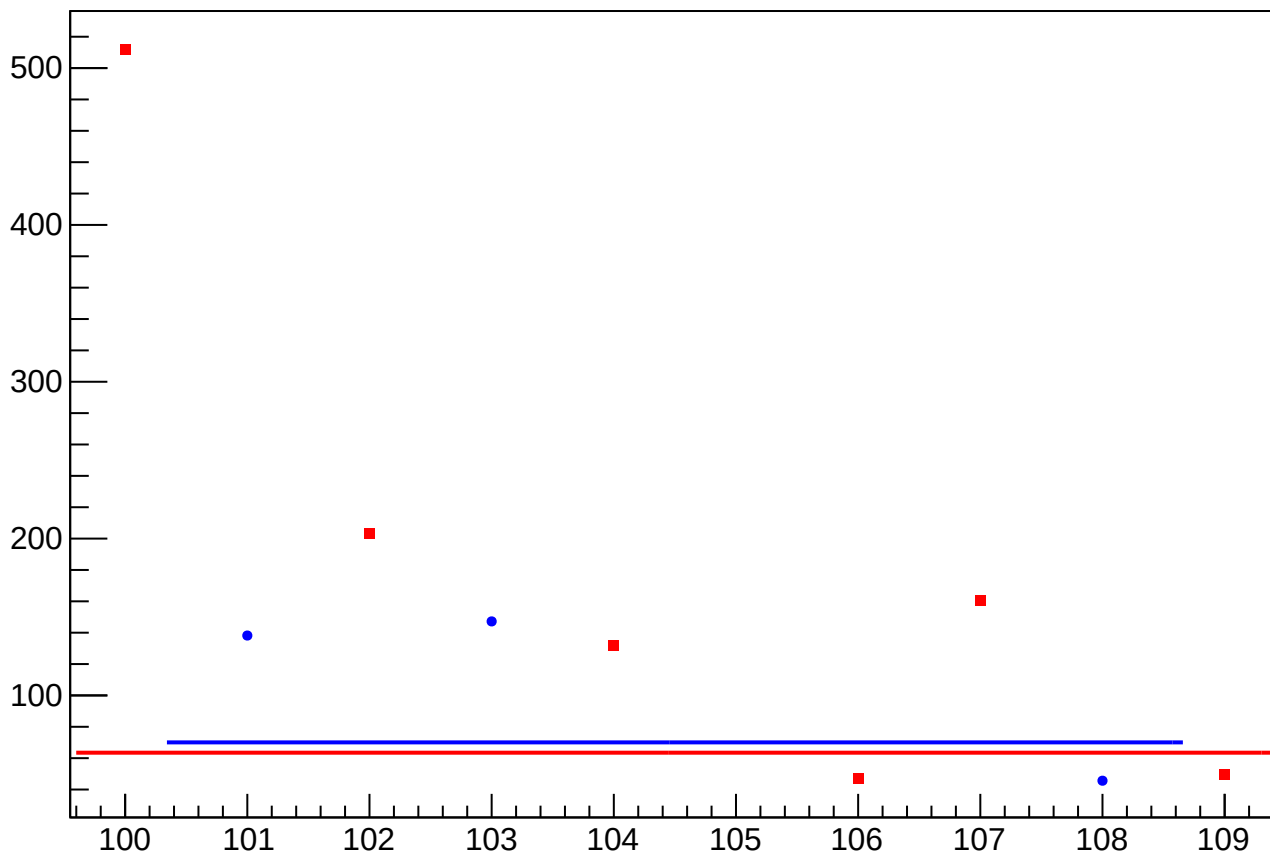
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.044 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 70.060 $\pm$ 0.048 χ^2 /NDF: 782623.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.488 $\pm$ 0.042 χ^2 /NDF: 866162.7/5

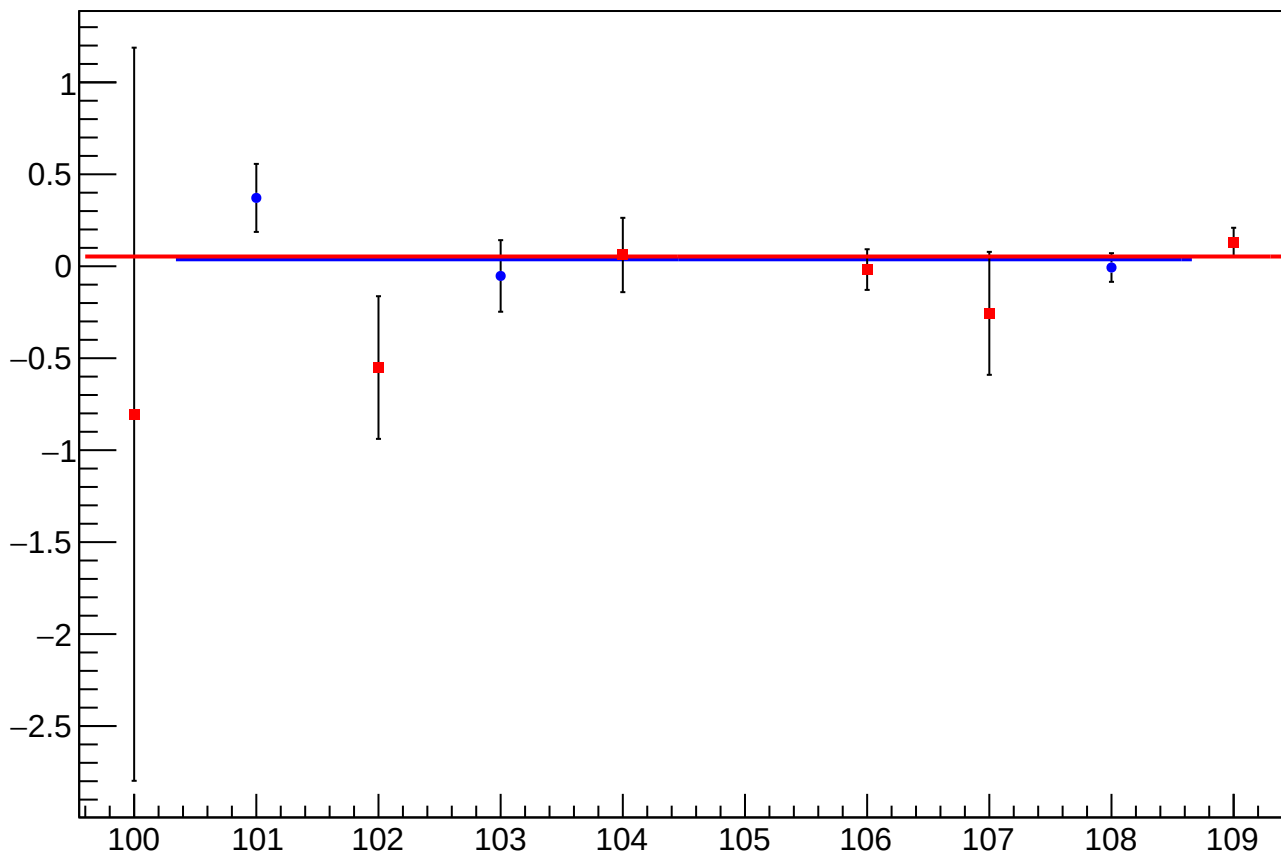
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.357 $\pm$ 0.031 χ^2 /NDF: 1659516.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.053 $\pm$ 0.059 χ^2 /NDF: 4.9/5

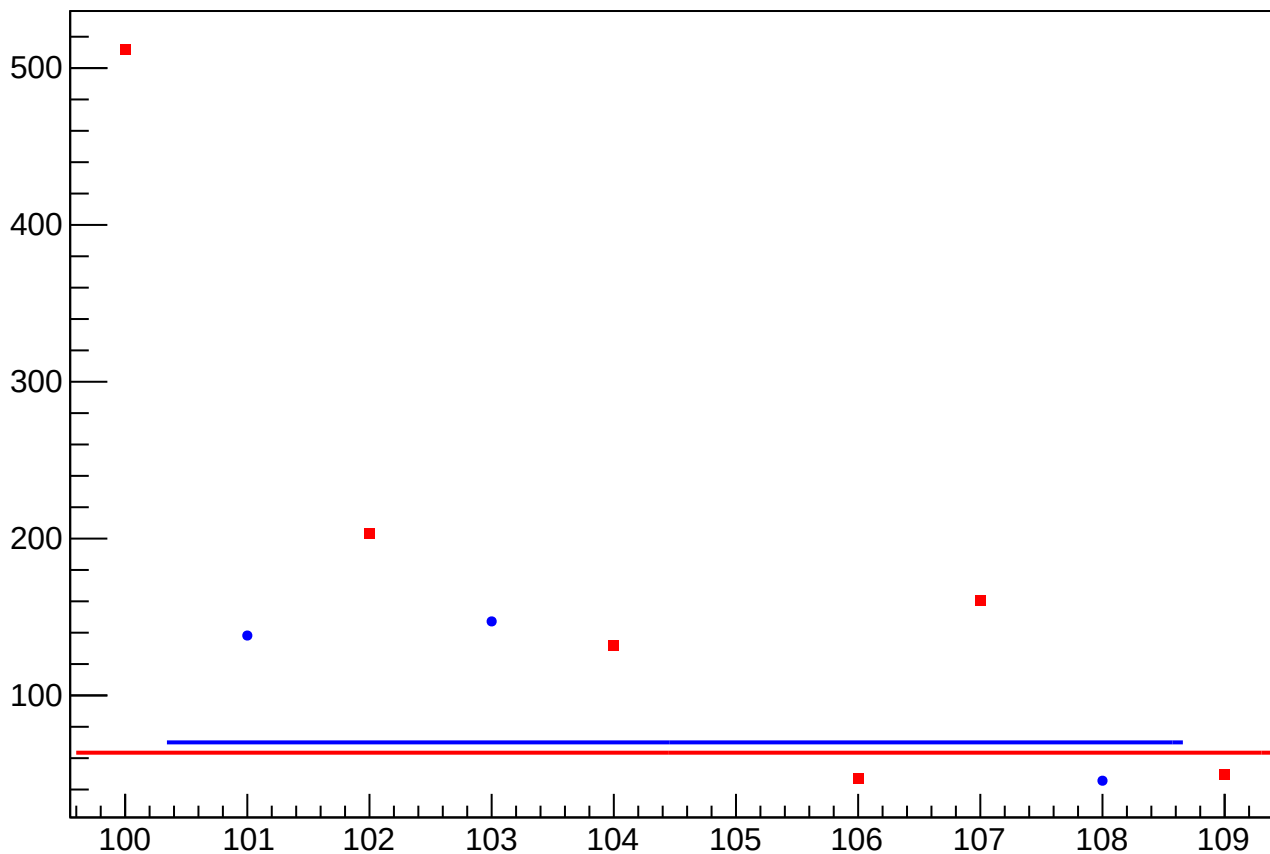
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.044 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.060 $\pm$ 0.048 χ^2 /NDF: 782623.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.488 $\pm$ 0.042 χ^2 /NDF: 866162.7/5

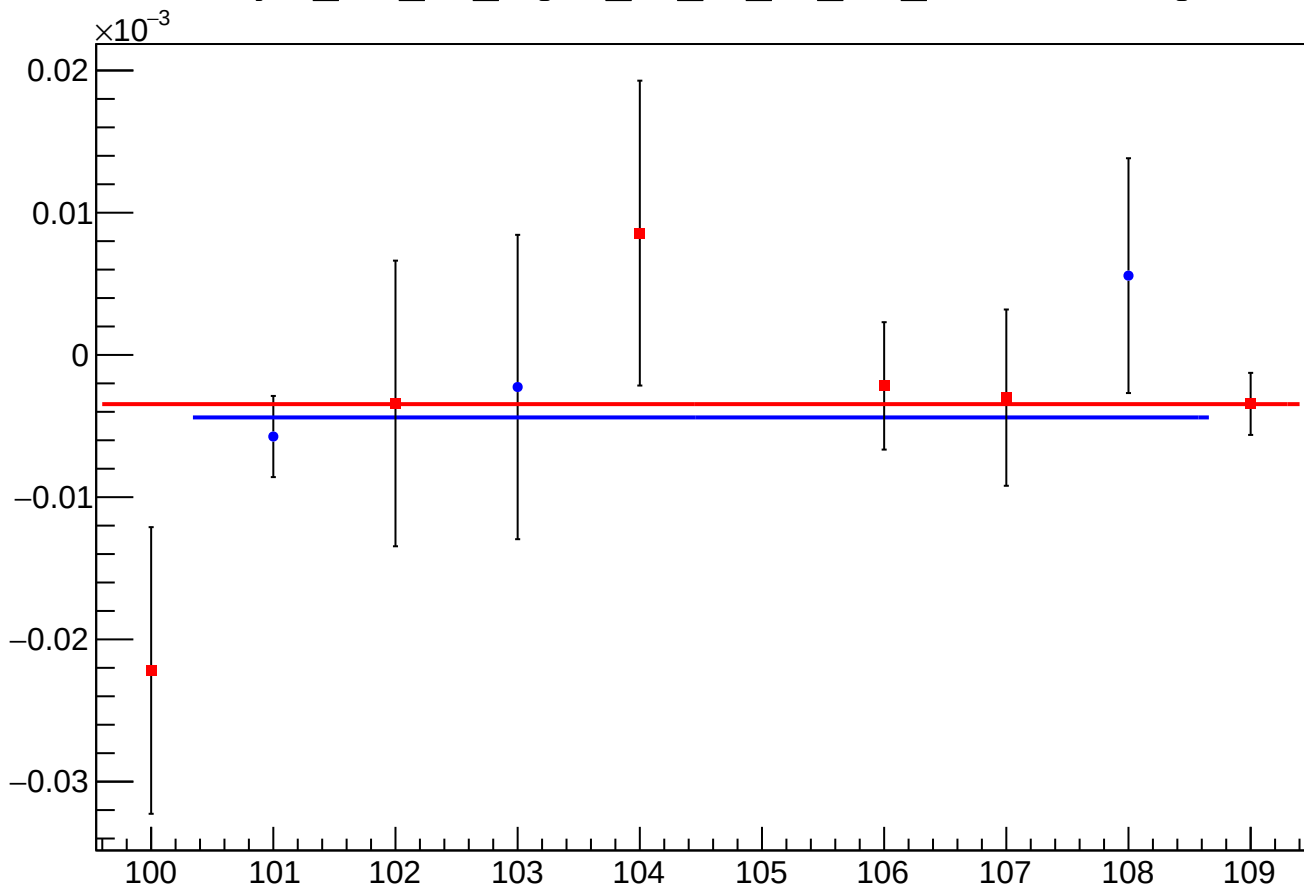
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.357 $\pm$ 0.031 χ^2 /NDF: 1659516.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/5

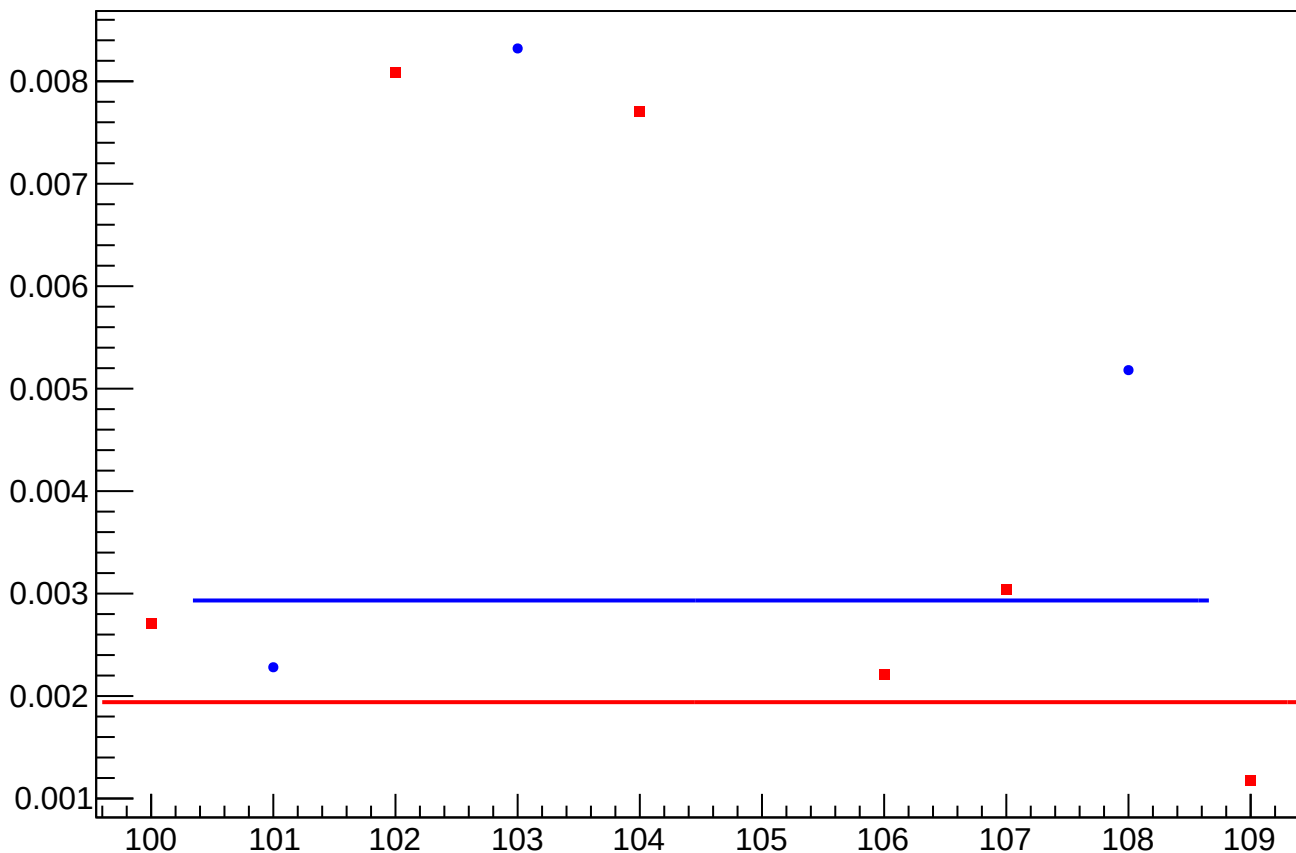
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 759862.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1655751.1/5

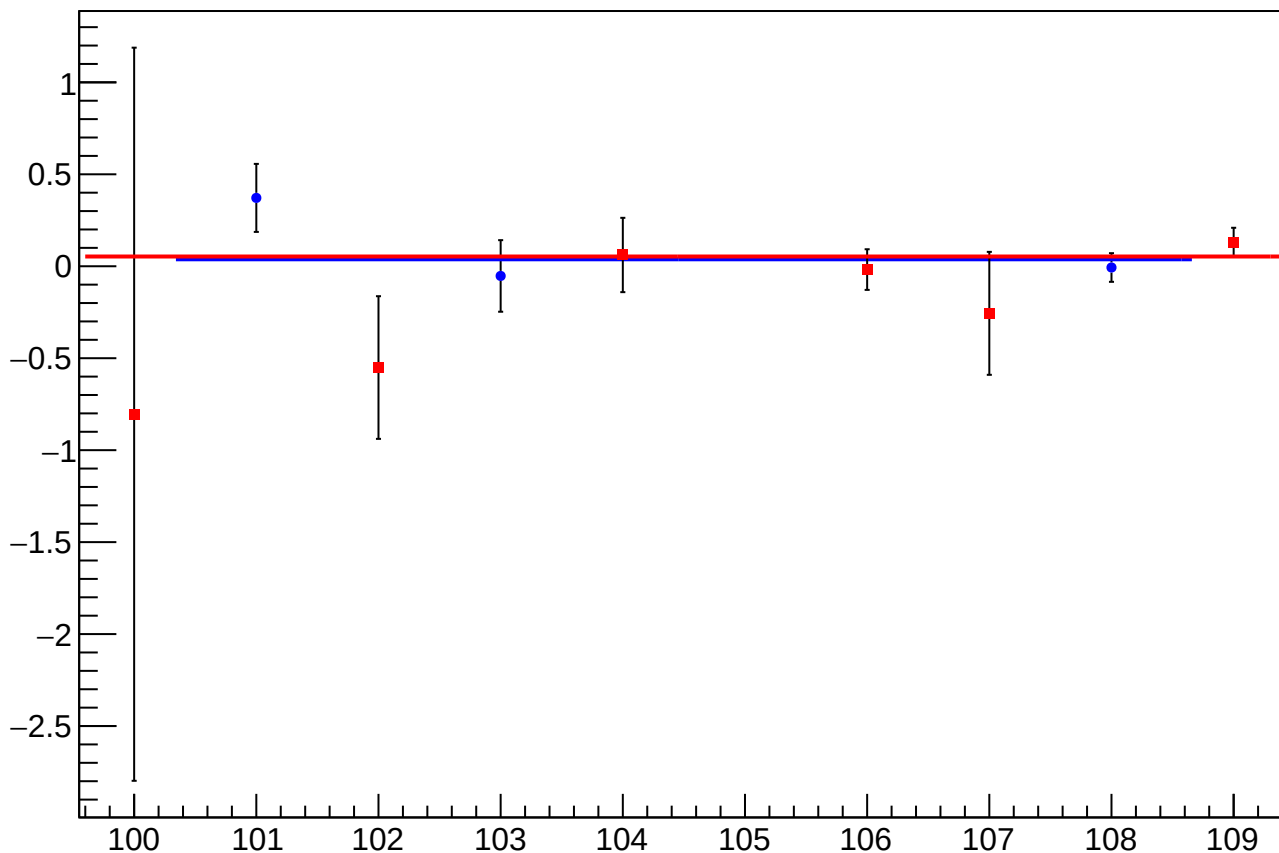
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 2612240.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.053 $\pm$ 0.059 χ^2 /NDF: 4.9/5

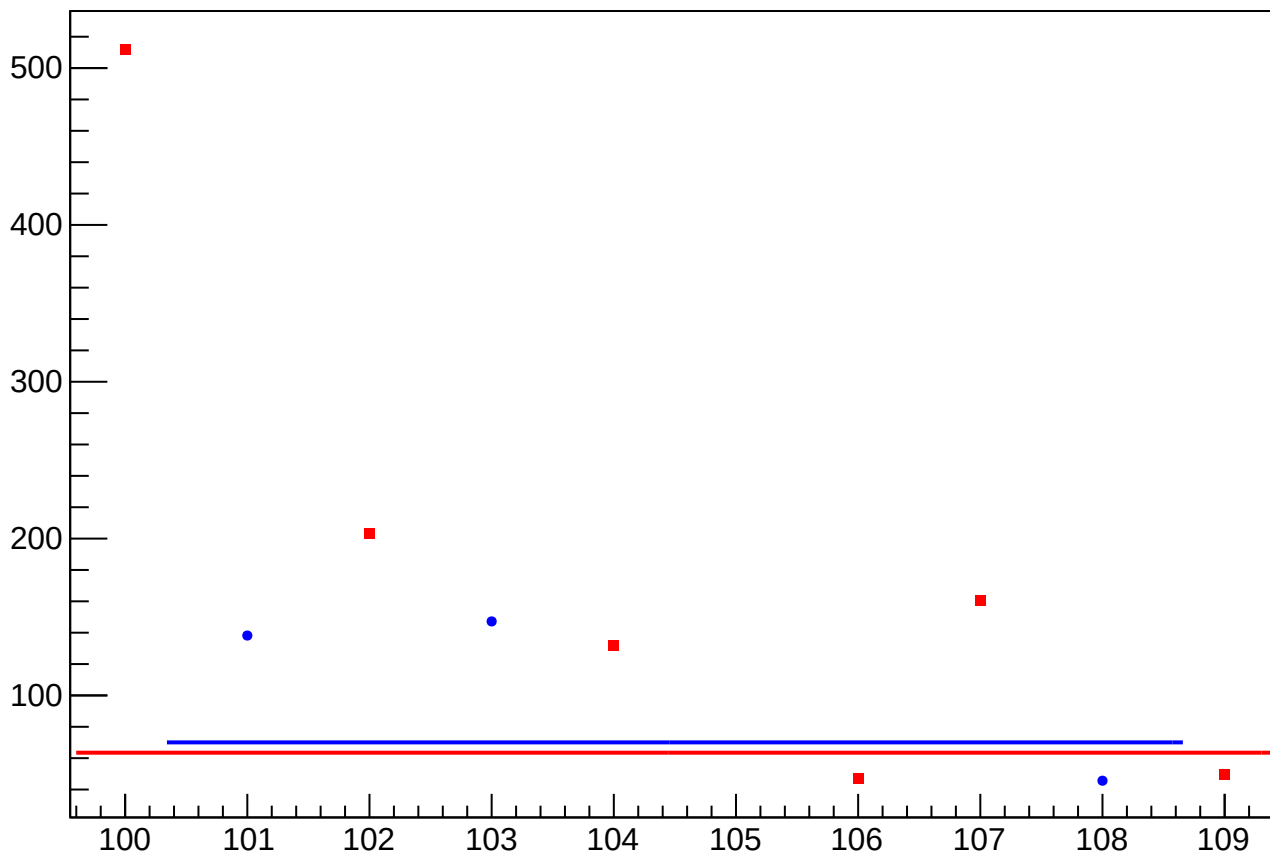
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.044 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 70.061+/-0.048 χ^2/NDF : 782583.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.488+/-0.042 χ^2/NDF : 866132.7/5

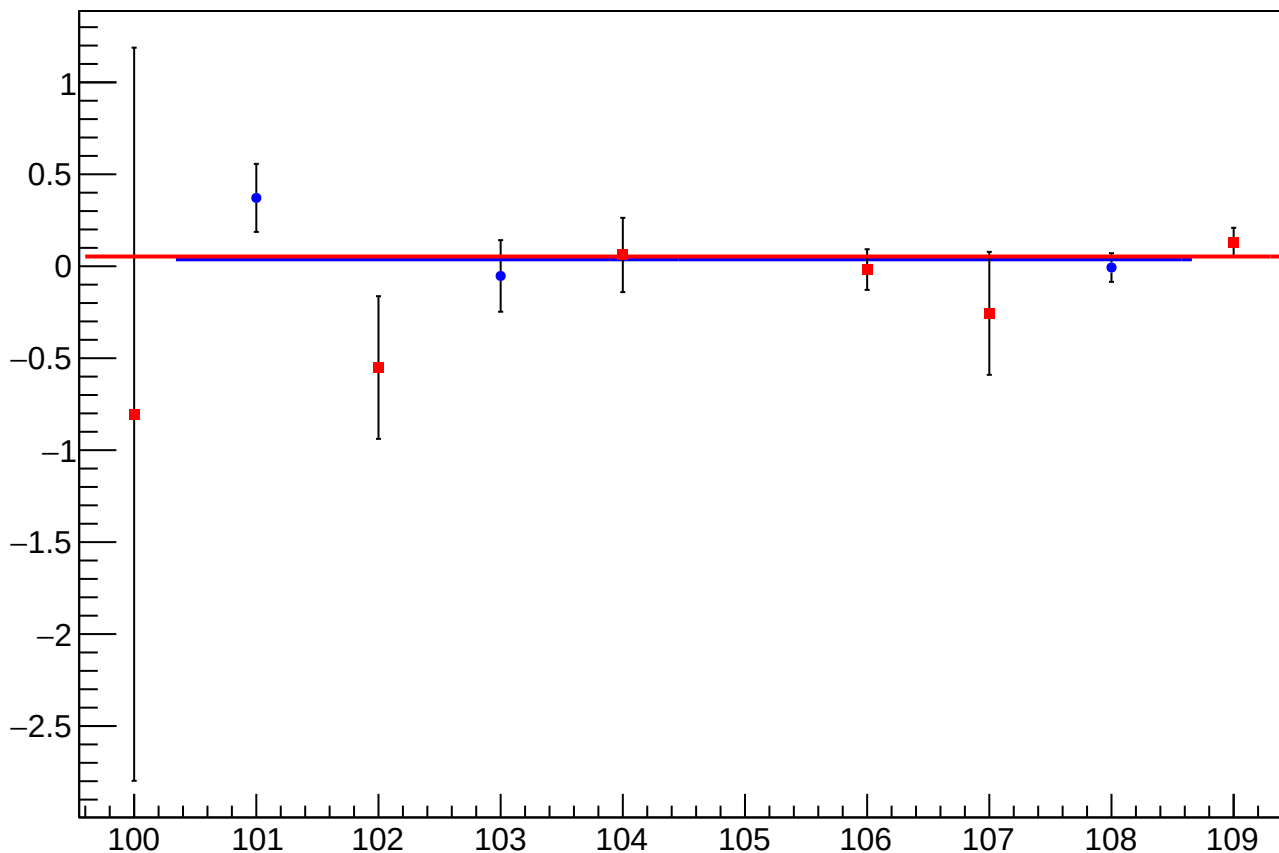
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.357+/-0.031 χ^2/NDF : 1659450.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.067 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.053 $\pm$ 0.059 χ^2 /NDF: 4.9/5

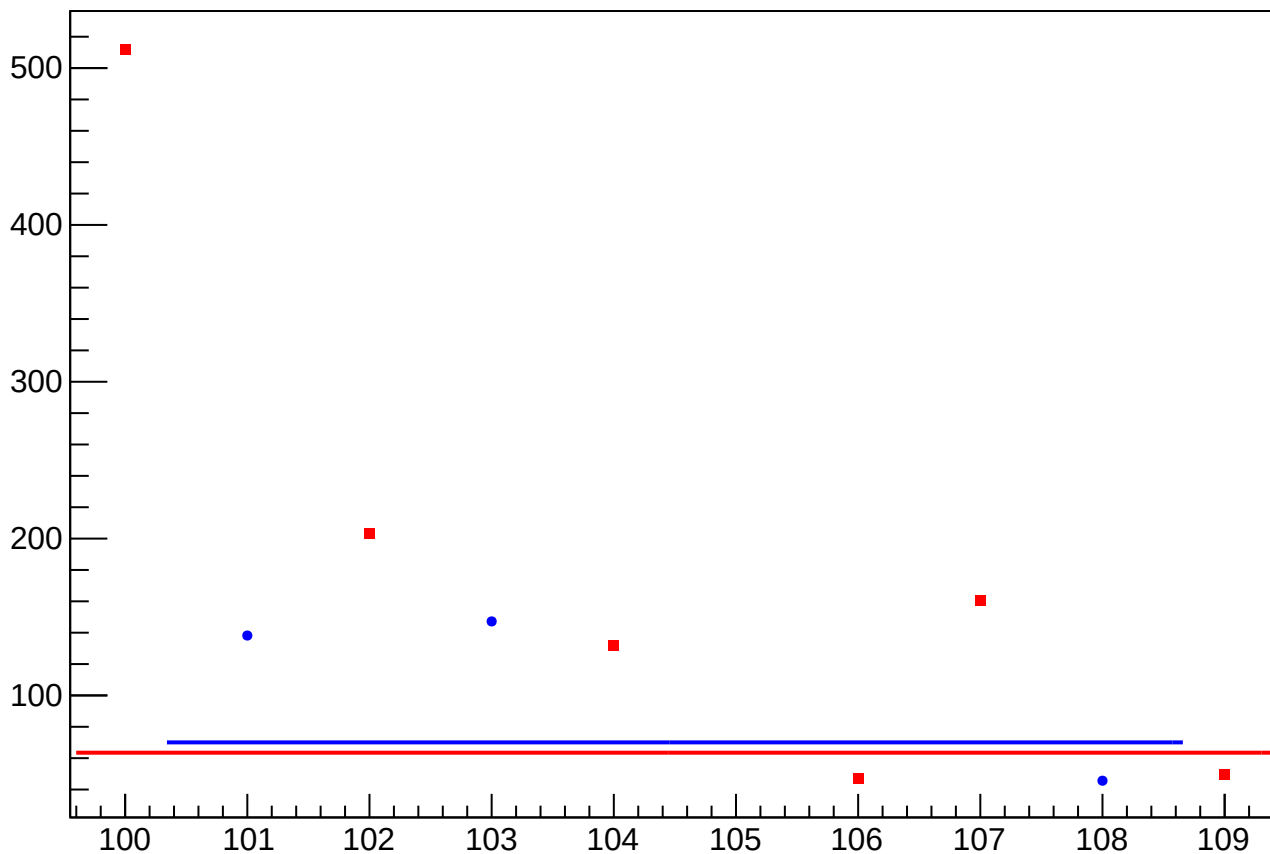
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.044 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.061+/-0.048 χ^2/NDF : 782583.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.488+/-0.042 χ^2/NDF : 866132.7/5

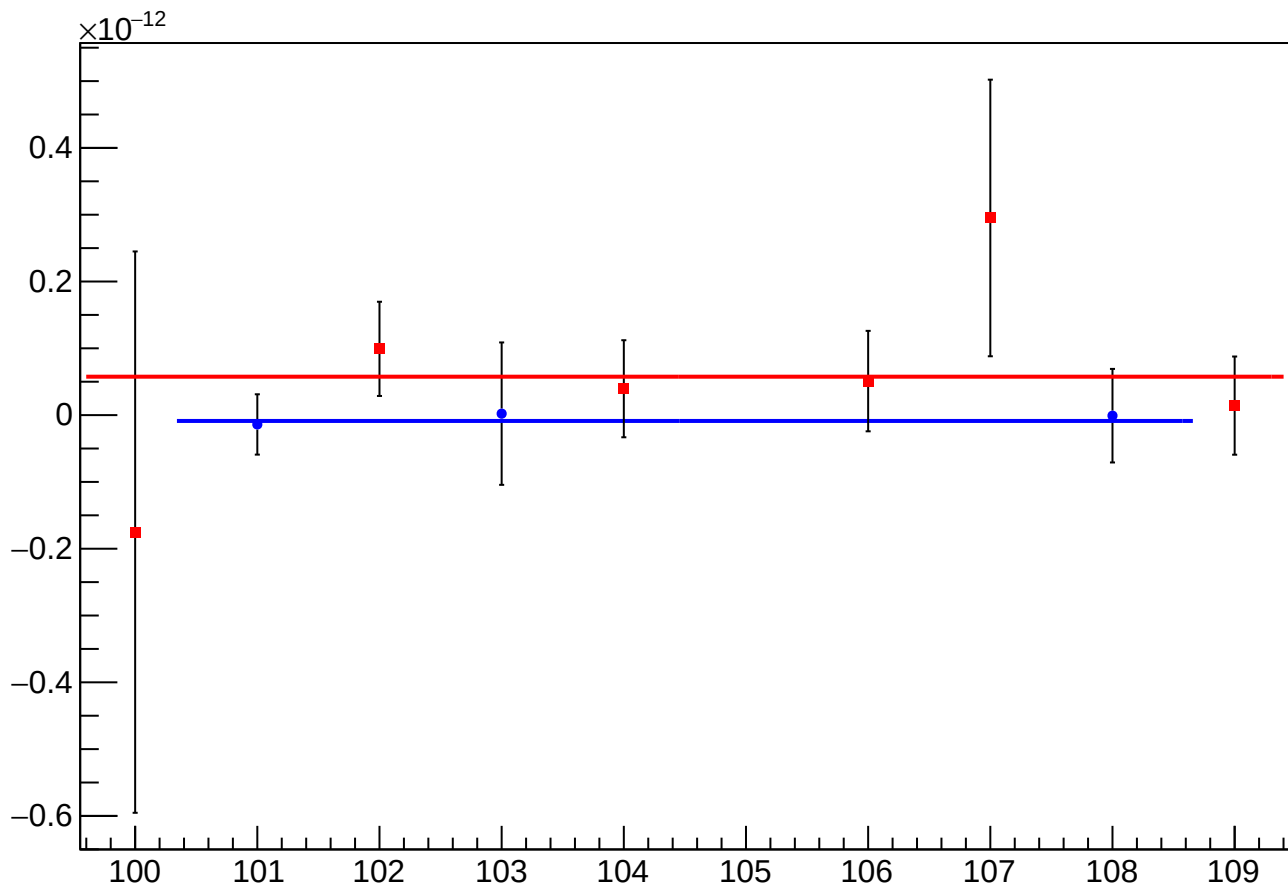
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.357+/-0.031 χ^2/NDF : 1659450.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.4/5

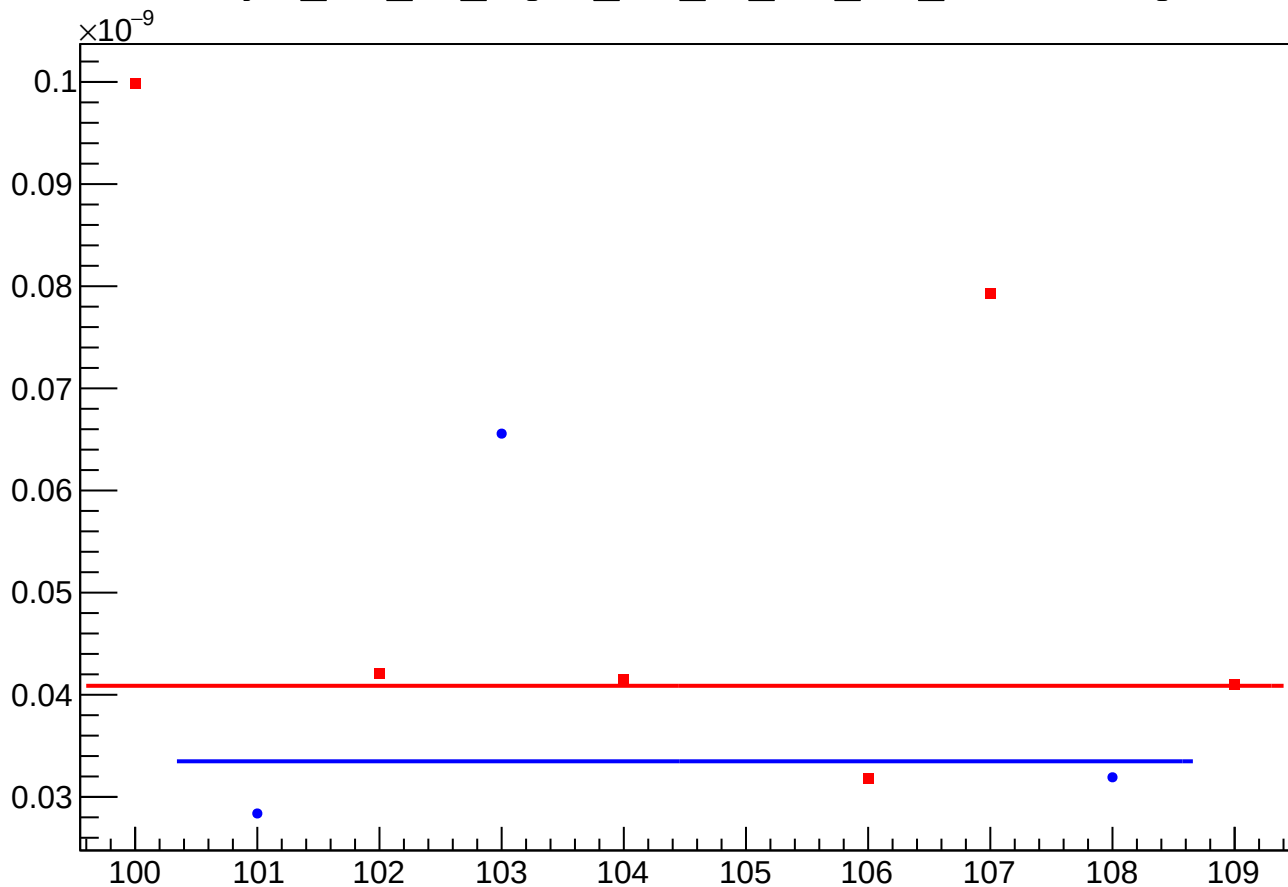
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 207768.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 138425.6/5

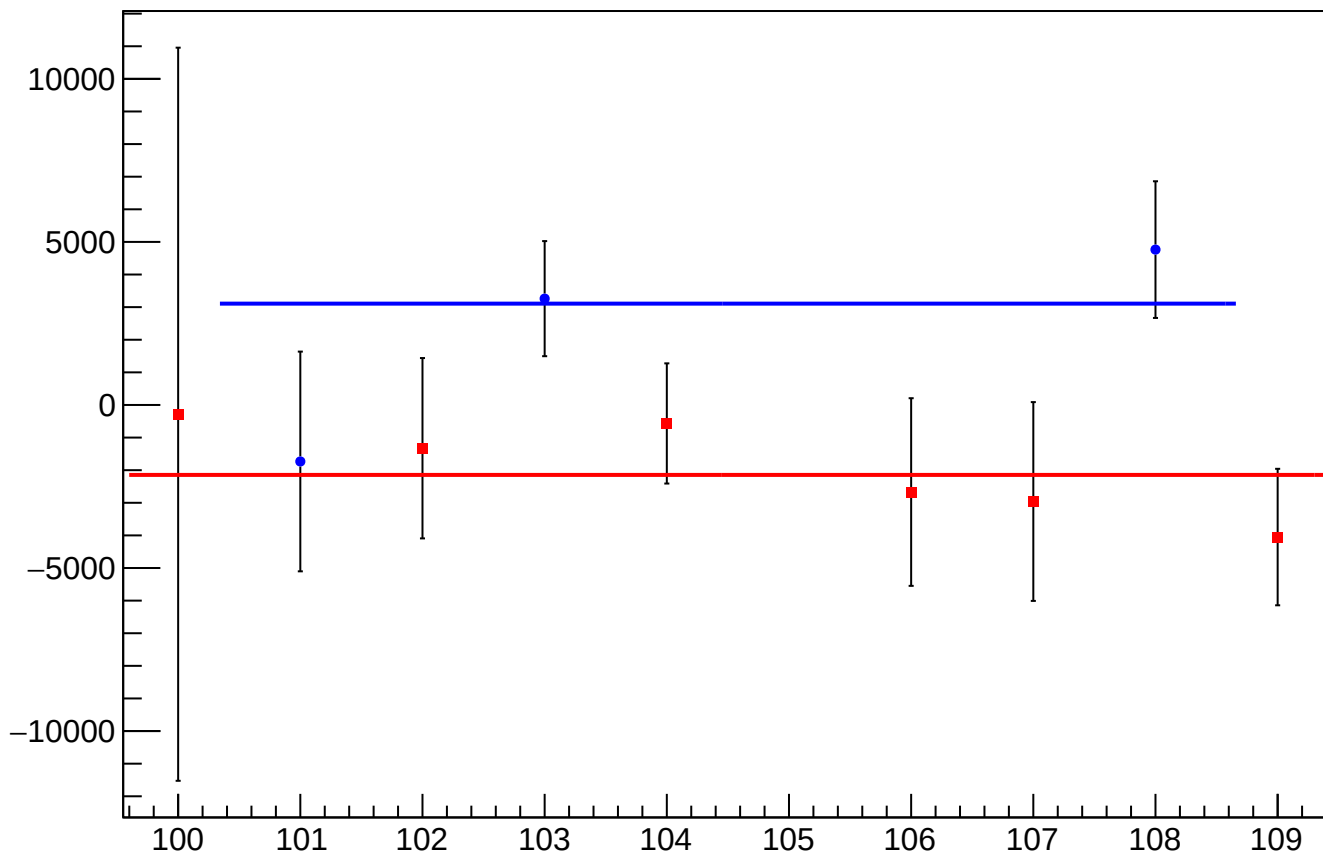
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 388916.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_mean vs Slug



Right In: 3107.274 $\pm$ 1253.032 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2144.934 $\pm$ 1060.026 χ^2 /NDF: 1.8/5

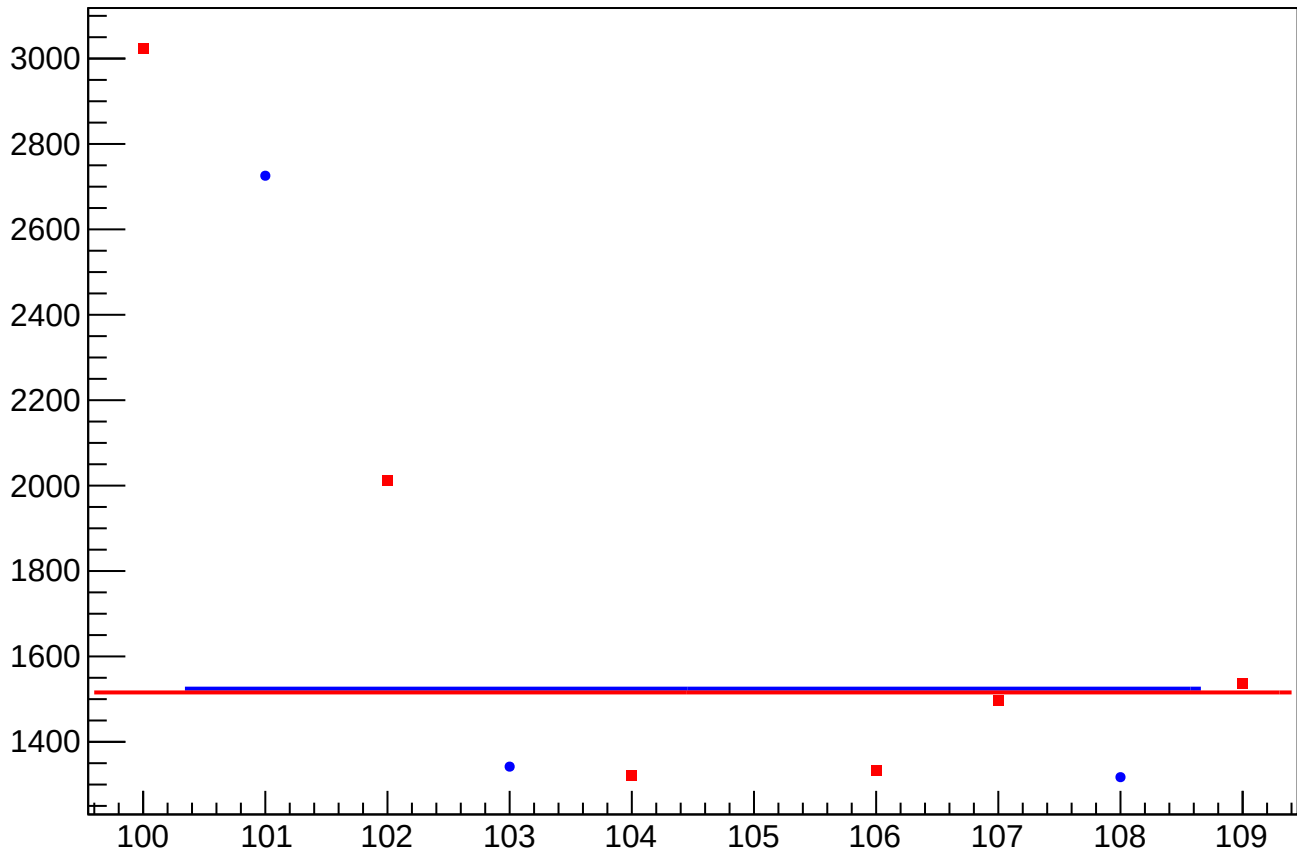
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.945 $\pm$ 809.283 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_rms vs Slug



Right In: 1524.544+/-0.886 χ^2/NDF : 295168.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.683+/-0.750 χ^2/NDF : 131377.7/5

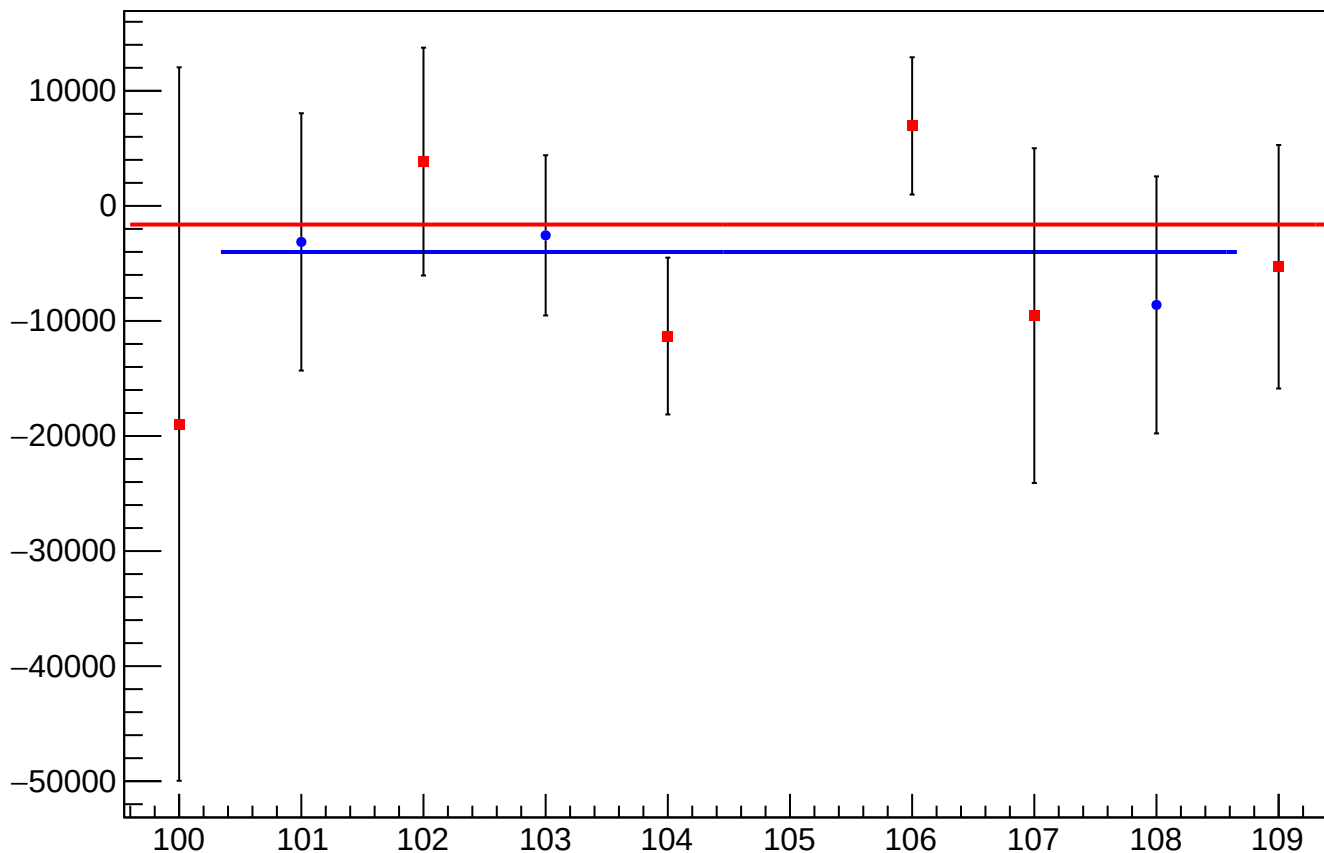
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.379+/-0.572 χ^2/NDF : 426604.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



Right In: -4007.697 $\pm$ 5224.603 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1621.540 $\pm$ 3663.055 χ^2 /NDF: 5.1/5

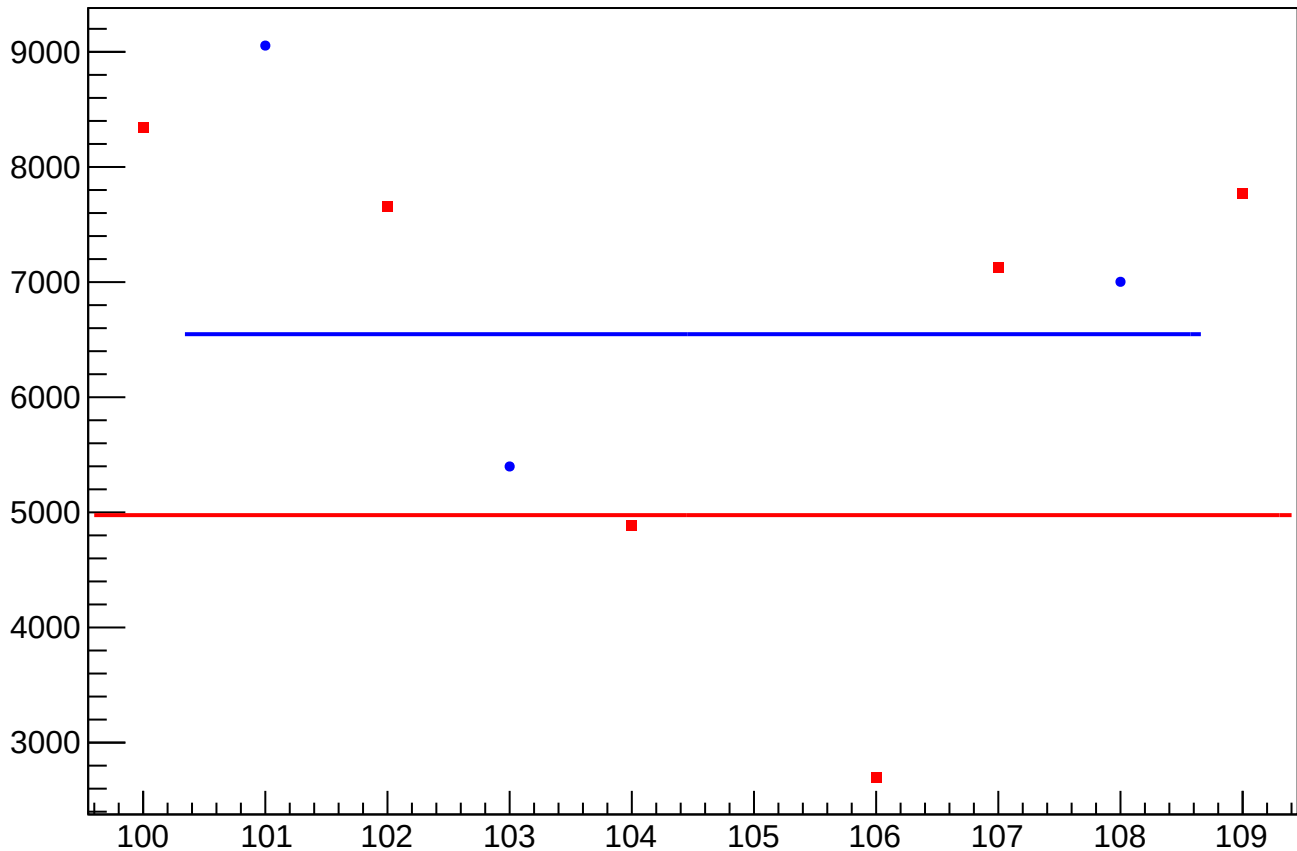
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2407.929 $\pm$ 2999.318 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_reg_correction_rms vs Slug



Right In: 6547.665 $\pm$ 3.694 χ^2 /NDF: 158299.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4975.932 $\pm$ 2.590 χ^2 /NDF: 645059.9/5

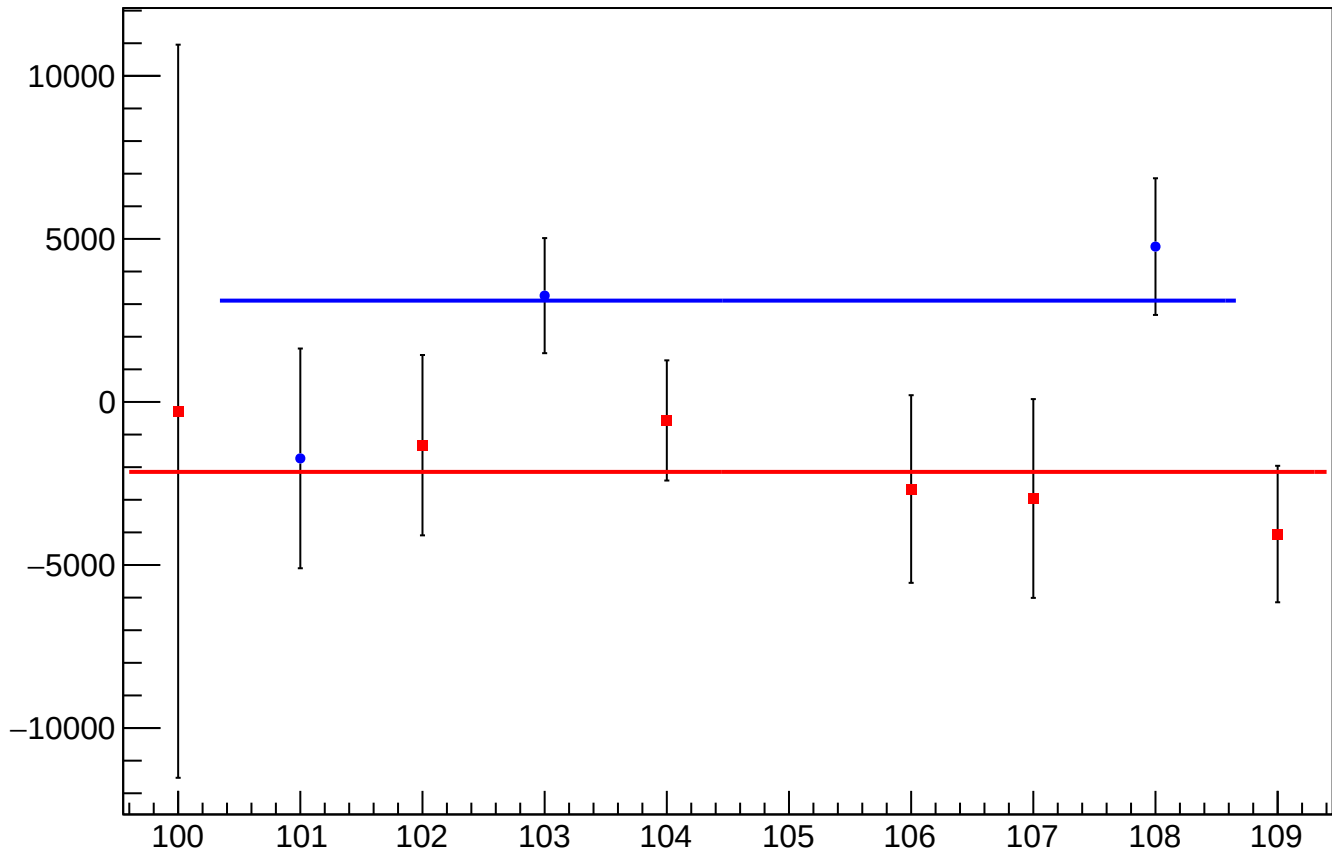
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5493.917 $\pm$ 2.121 χ^2 /NDF: 924708.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_avg_mean vs Slug



Right In: 3107.566 $\pm$ 1253.032 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2144.727 $\pm$ 1060.026 χ^2 /NDF: 1.8/5

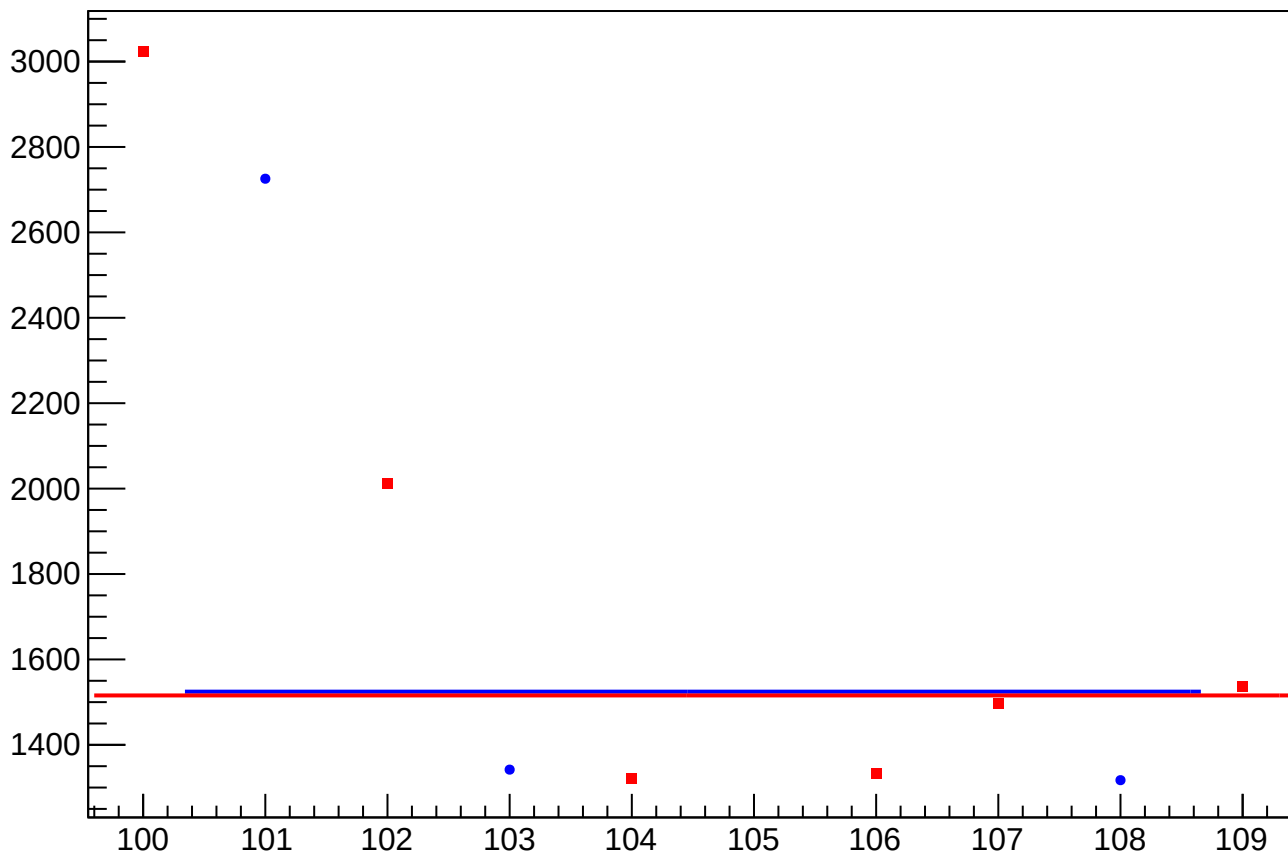
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.187 $\pm$ 809.283 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_avg_rms vs Slug



Right In: 1524.543+/-0.886 χ^2/NDF : 295168.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.683+/-0.750 χ^2/NDF : 131377.4/5

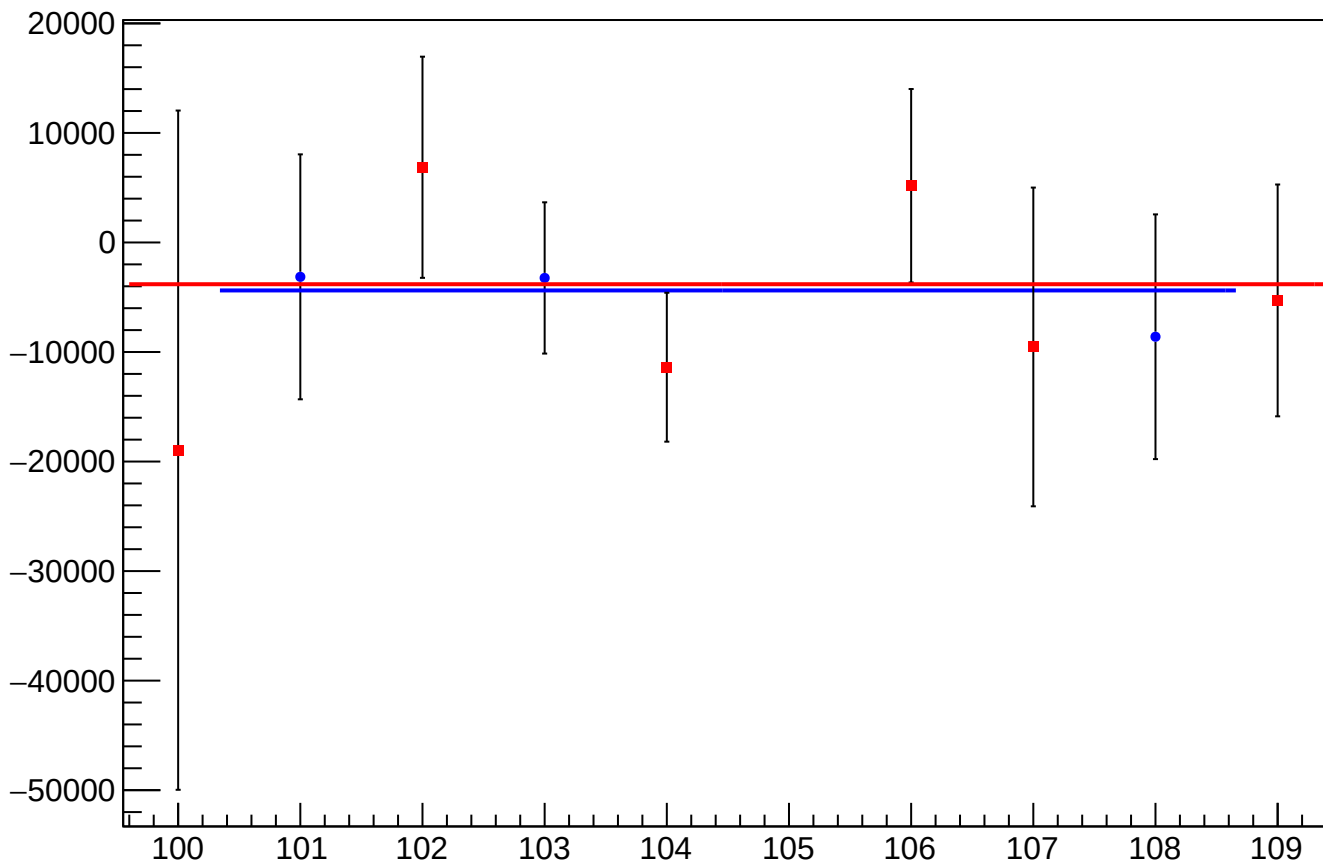
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.379+/-0.572 χ^2/NDF : 426604.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



Right In: -4379.561+/-5199.446 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3811.668+/-4117.678 χ^2/NDF : 3.8/5

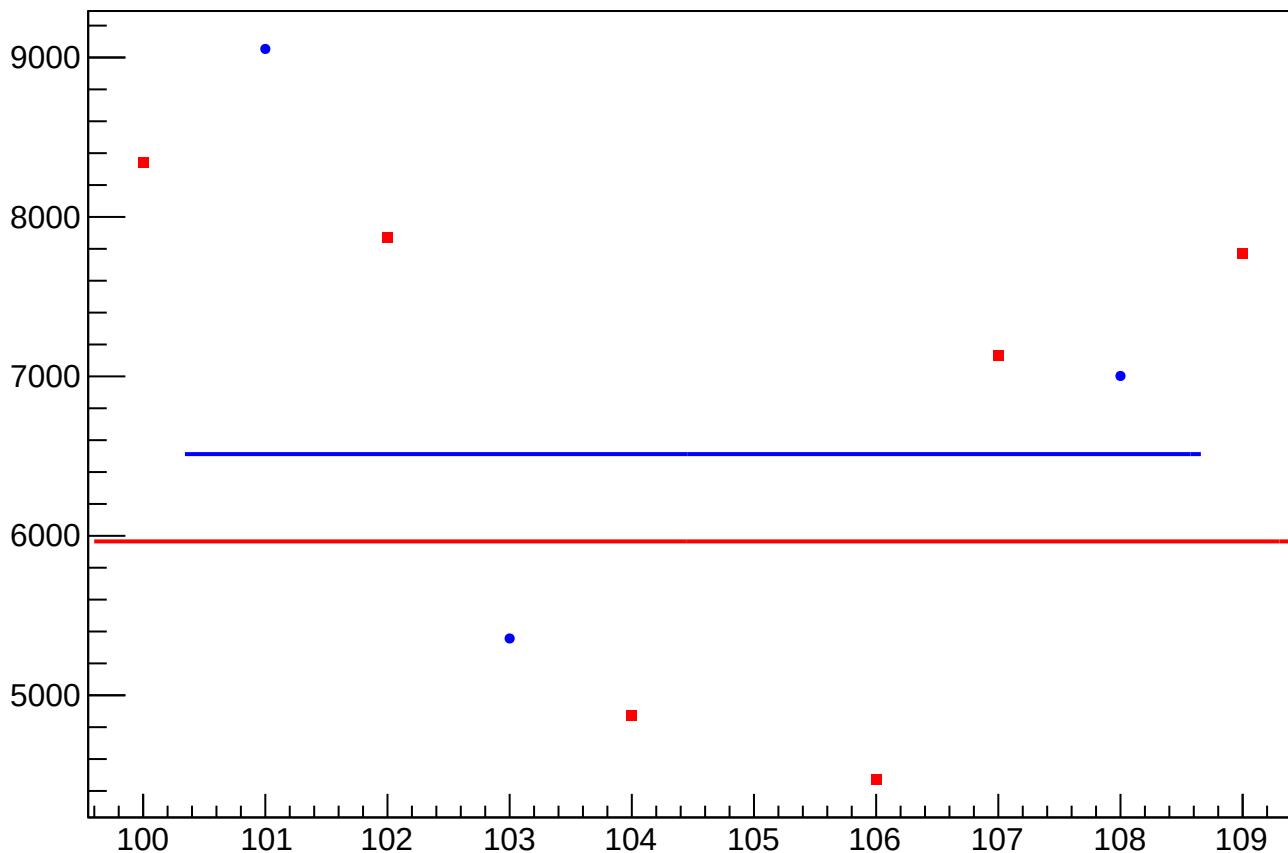
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4030.556+/-3228.010 χ^2/NDF : 4.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 6512.573+/-3.677 χ^2/NDF : 163249.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5965.081+/-2.912 χ^2/NDF : 263320.7/5

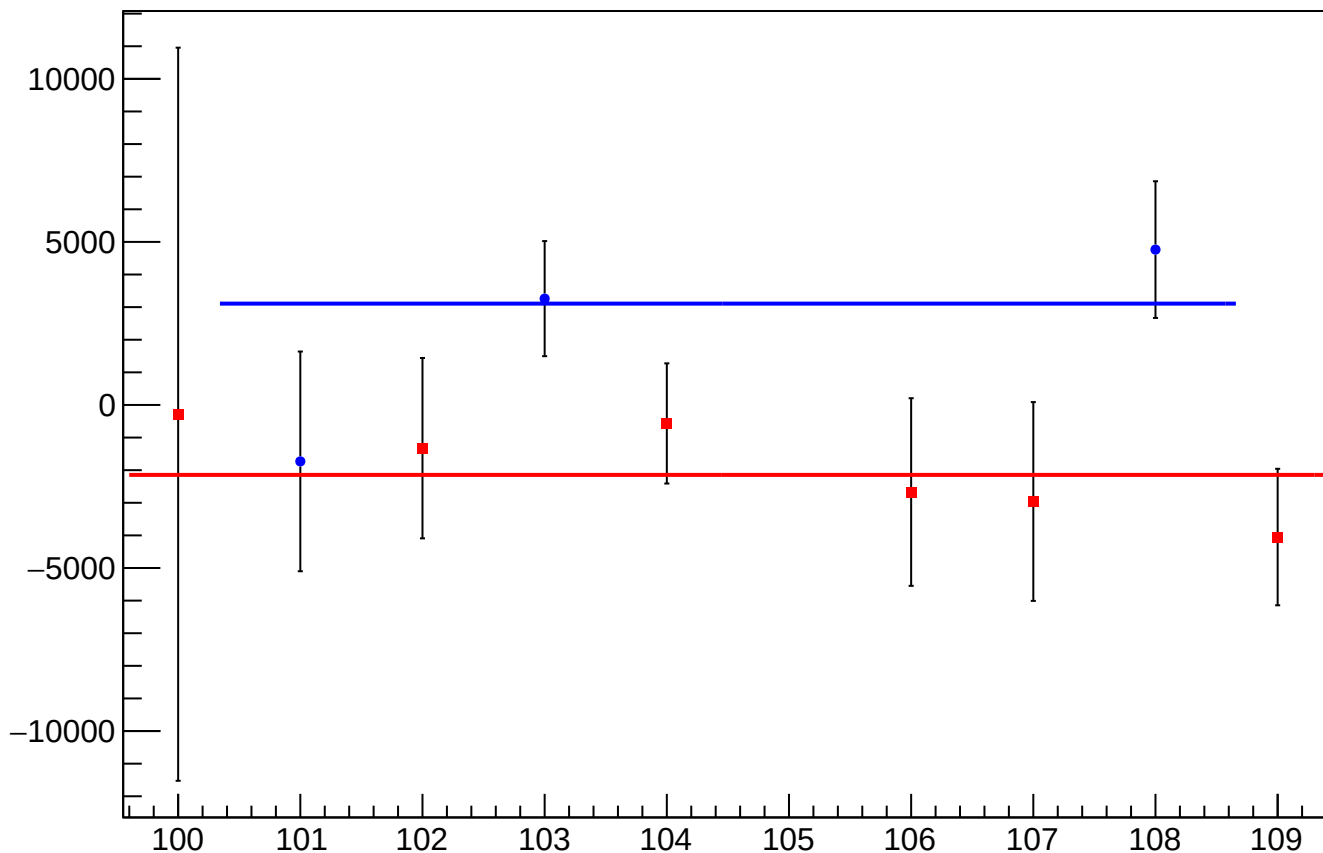
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6176.106+/-2.283 χ^2/NDF : 440198.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_avg_mean vs Slug



Right In: 3107.566 $\pm$ 1253.032 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2144.727 $\pm$ 1060.026 χ^2 /NDF: 1.8/5

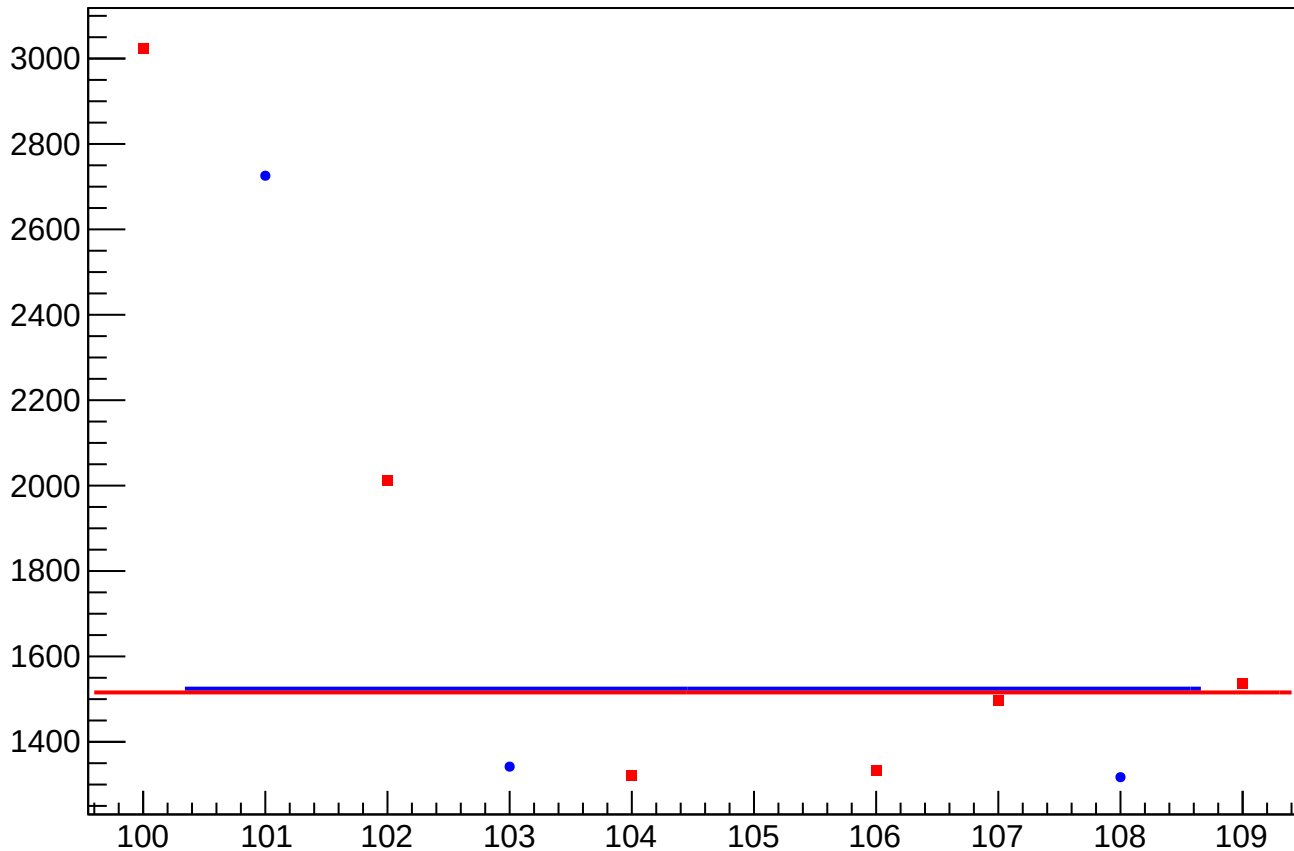
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.187 $\pm$ 809.283 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1524.543+/-0.886 χ^2/NDF : 295168.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1515.683+/-0.750 χ^2/NDF : 131377.4/5

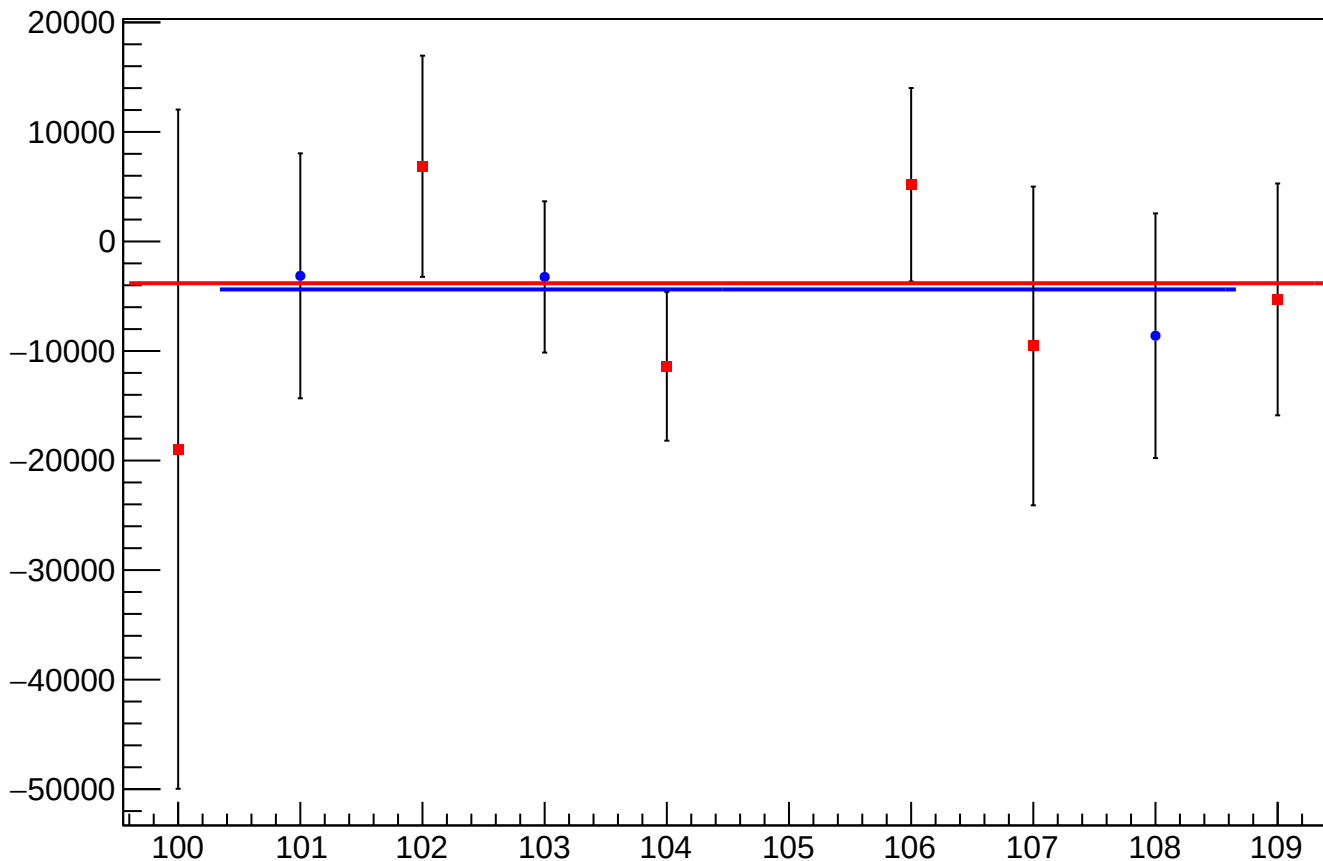
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1519.379+/-0.572 χ^2/NDF : 426604.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_mean vs Slug



Right In: -4379.561+/-5199.446 χ^2 /NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3811.668+/-4117.678 χ^2 /NDF: 3.8/5

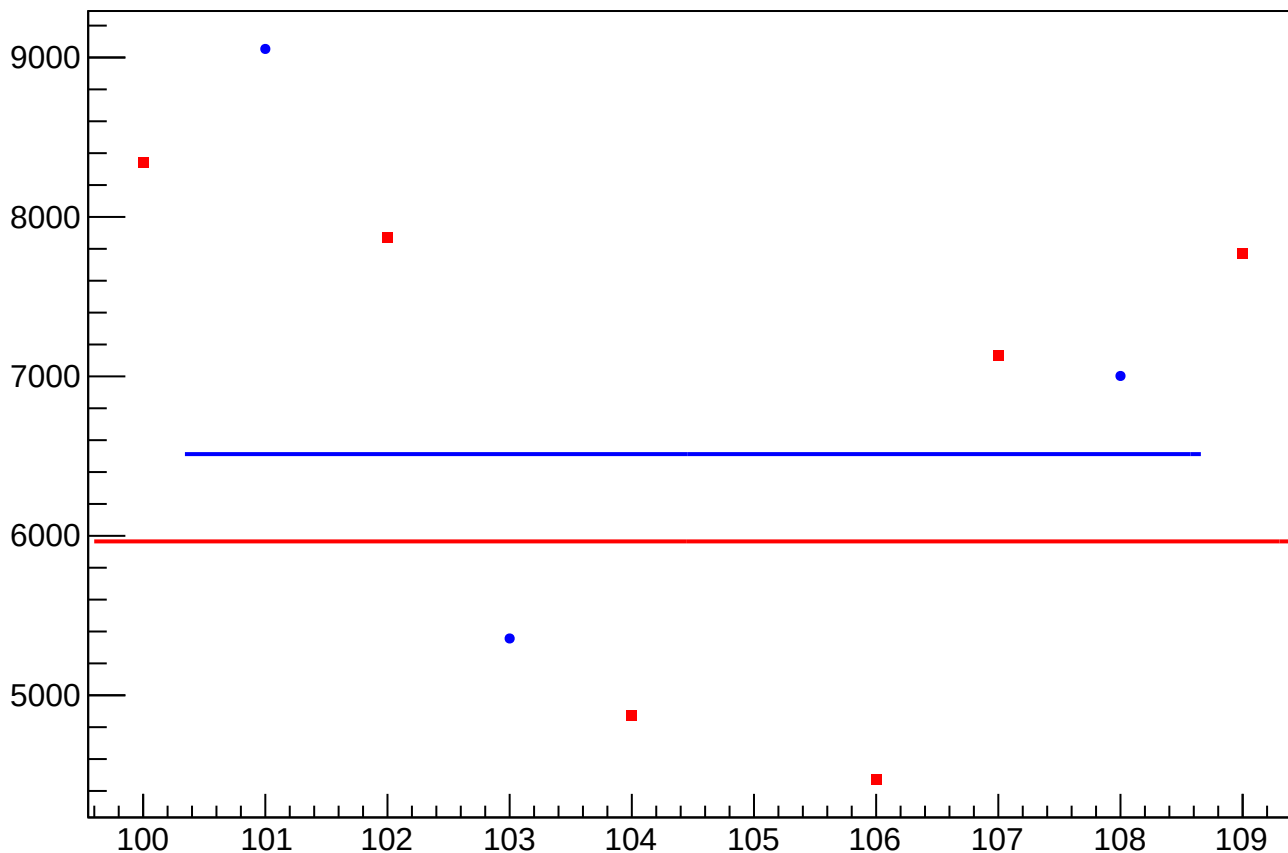
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4030.556+/-3228.010 χ^2 /NDF: 4.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 6512.573+/-3.677 χ^2/NDF : 163249.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5965.081+/-2.912 χ^2/NDF : 263320.7/5

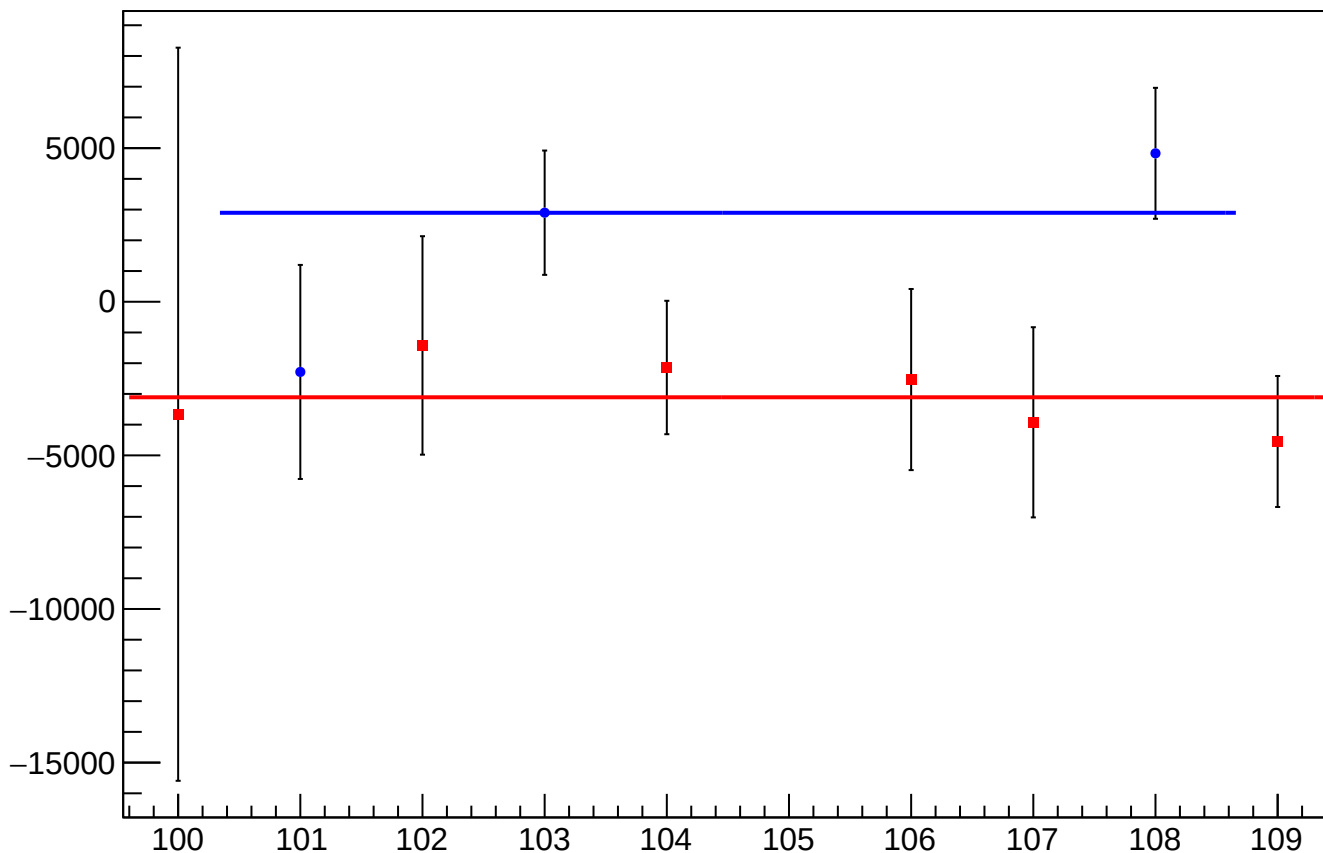
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6176.106+/-2.283 χ^2/NDF : 440198.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 2895.818 $\pm$ 1352.239 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3109.172 $\pm$ 1164.282 χ^2 /NDF: 1.0/5

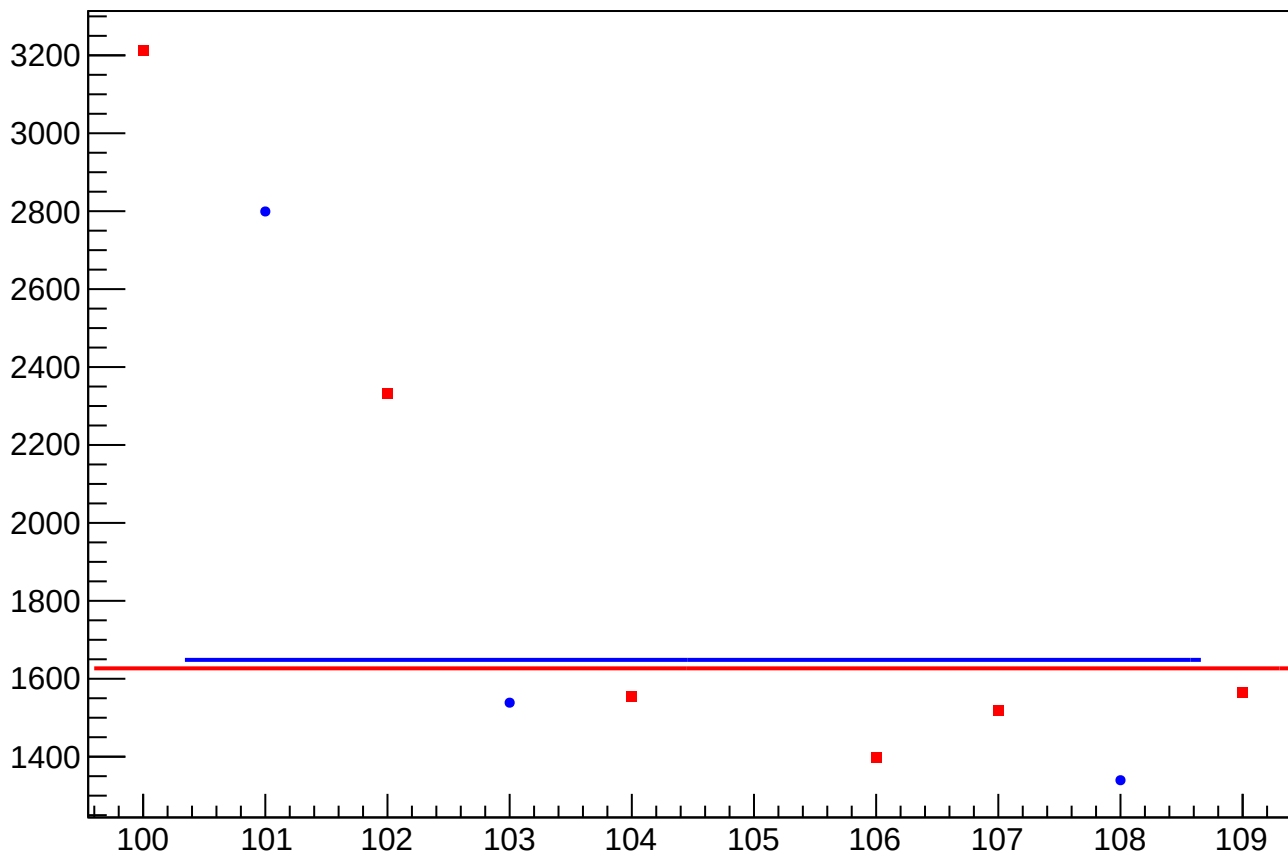
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -552.697 $\pm$ 882.304 χ^2 /NDF: 15.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1648.493+/-0.956 χ^2/NDF : 266156.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.715+/-0.822 χ^2/NDF : 132350.7/5

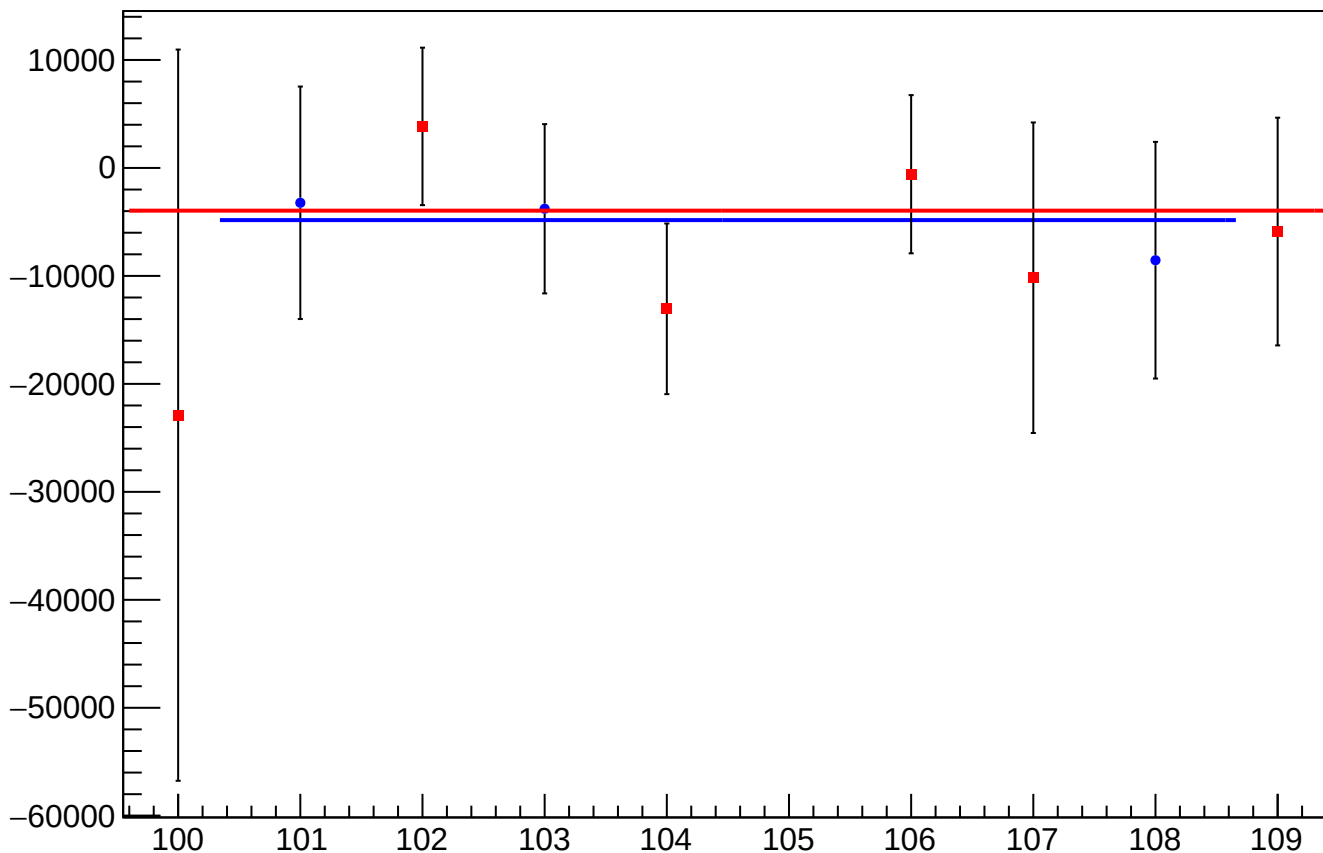
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.973+/-0.623 χ^2/NDF : 398805.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_mean vs Slug



Right In: -4830.985+/-5486.070 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3954.157+/-3830.681 χ^2/NDF : 3.2/5

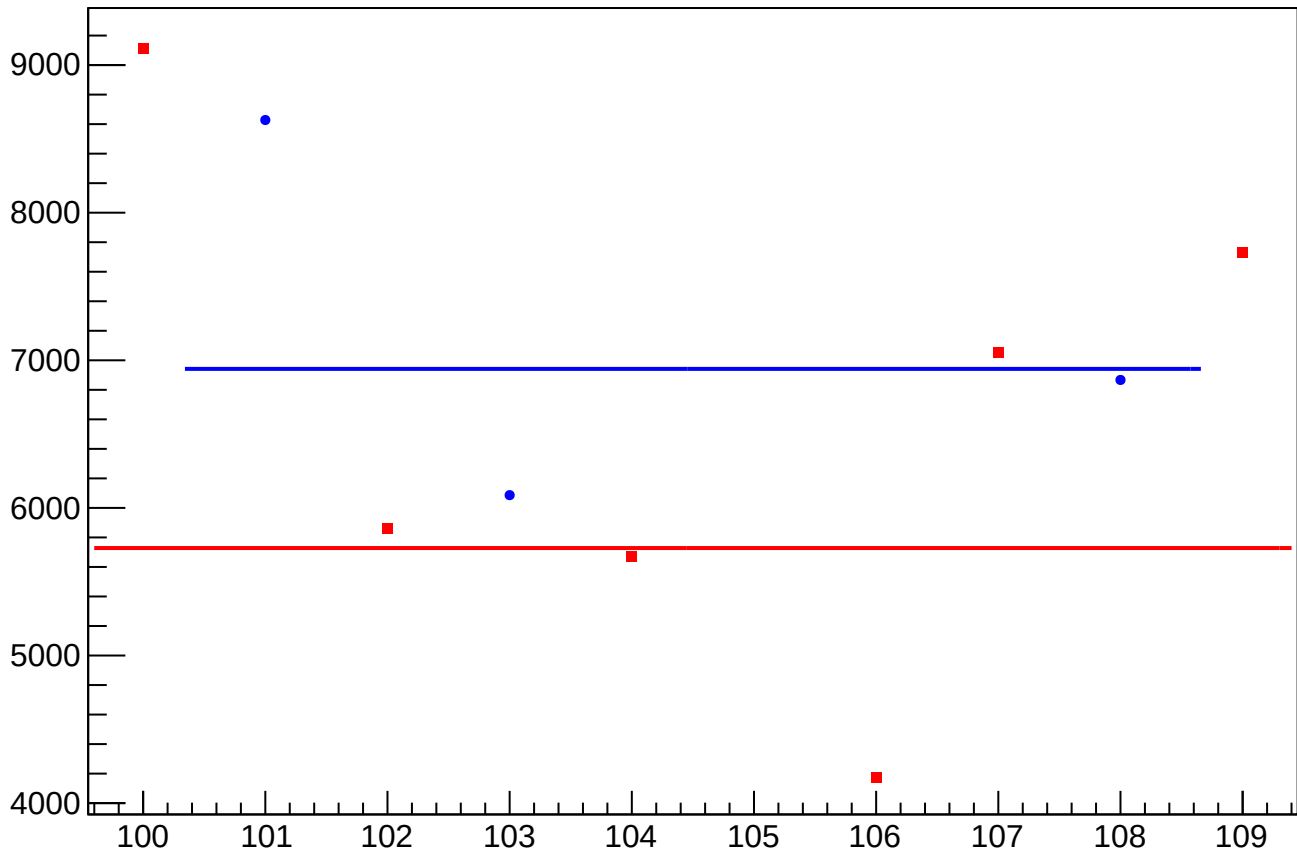
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4241.545+/-3140.787 χ^2/NDF : 3.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



Right In: 6941.929 $\pm$ 3.879 χ^2 /NDF: 72959.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5728.136 $\pm$ 2.709 χ^2 /NDF: 199549.2/5

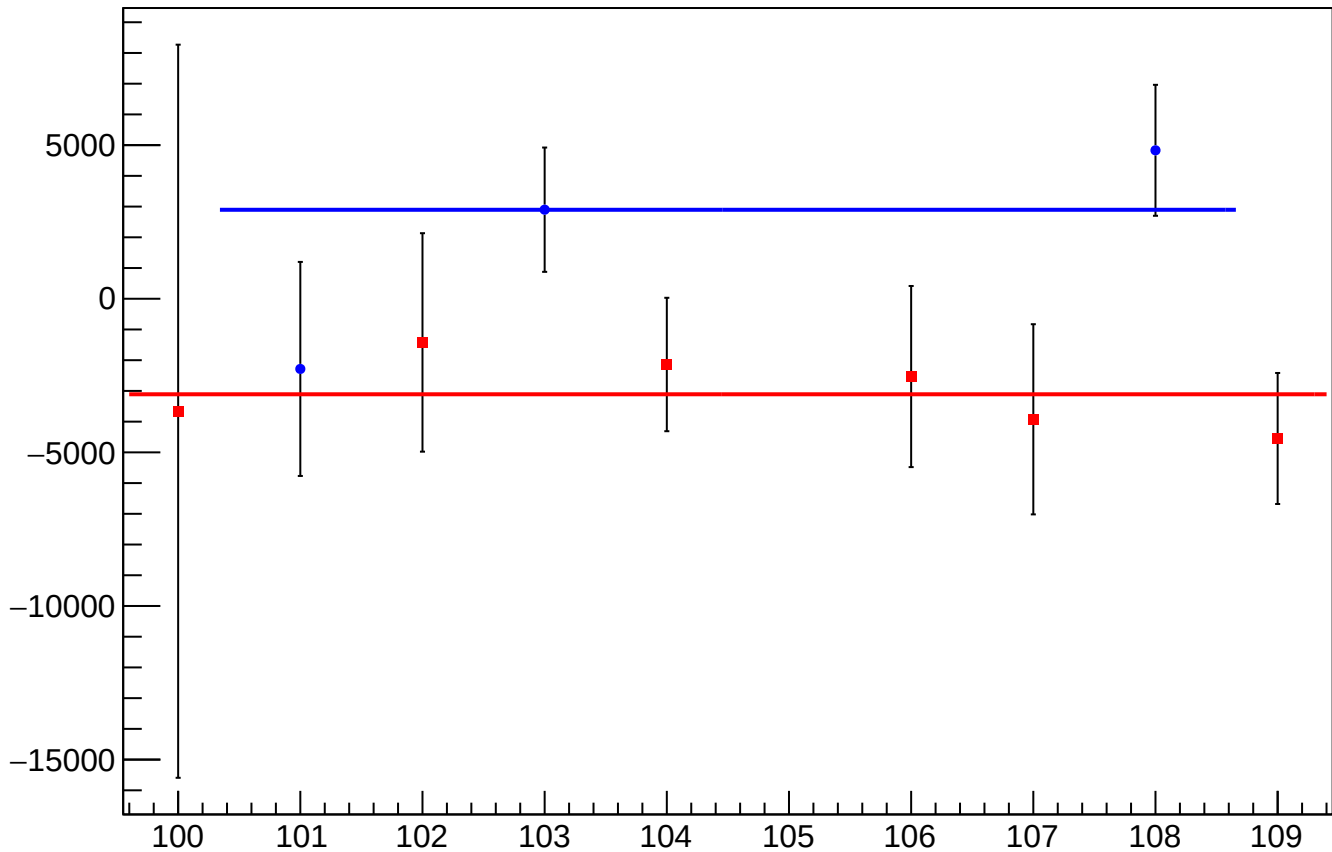
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6125.967 $\pm$ 2.221 χ^2 /NDF: 338322.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 2895.819+/-1352.239 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3109.173+/-1164.282 χ^2/NDF : 1.0/5

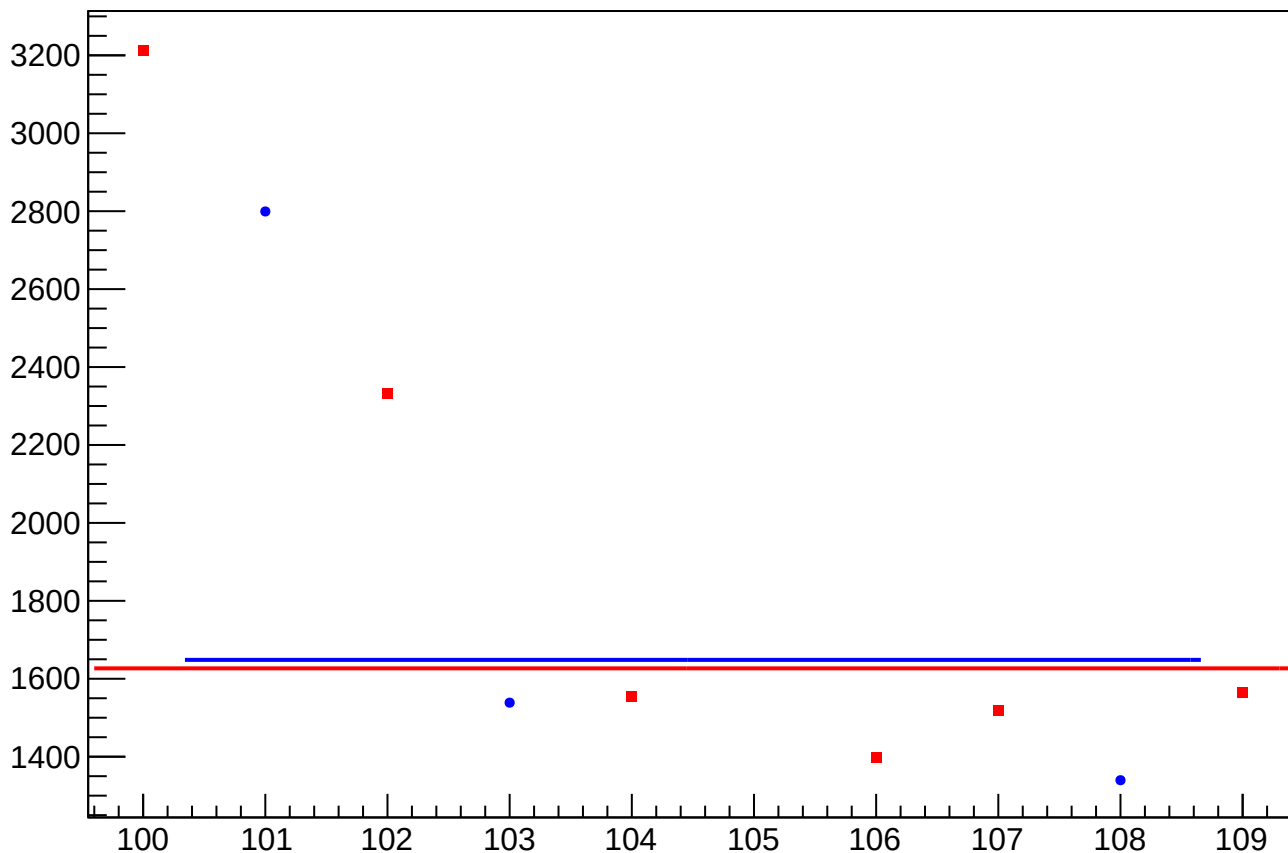
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -552.698+/-882.304 χ^2/NDF : 15.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1648.493+/-0.956 χ^2/NDF : 266156.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.715+/-0.822 χ^2/NDF : 132350.6/5

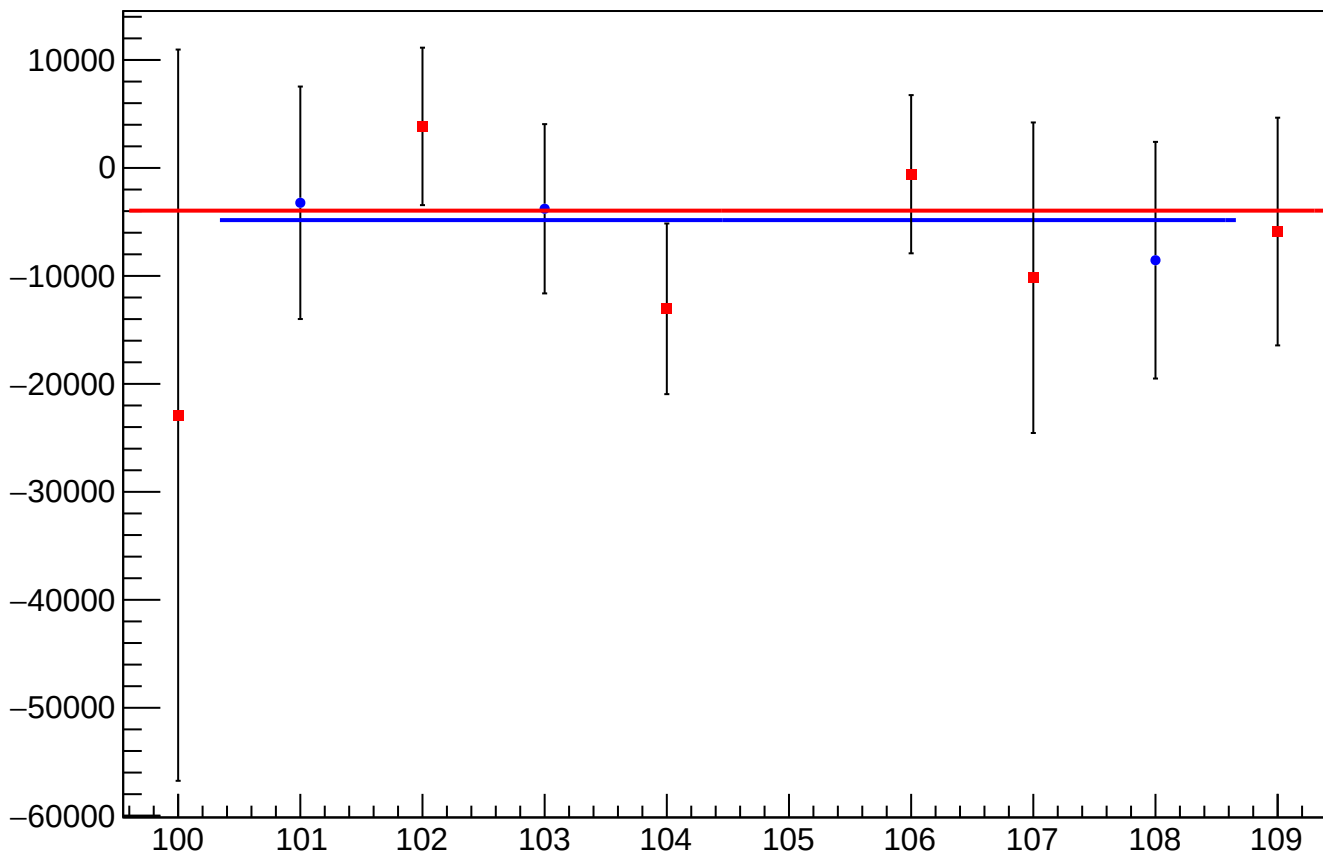
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.973+/-0.623 χ^2/NDF : 398805.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_mean vs Slug



Right In: -4830.989+/-5486.066 χ^2 /NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3954.164+/-3830.676 χ^2 /NDF: 3.2/5

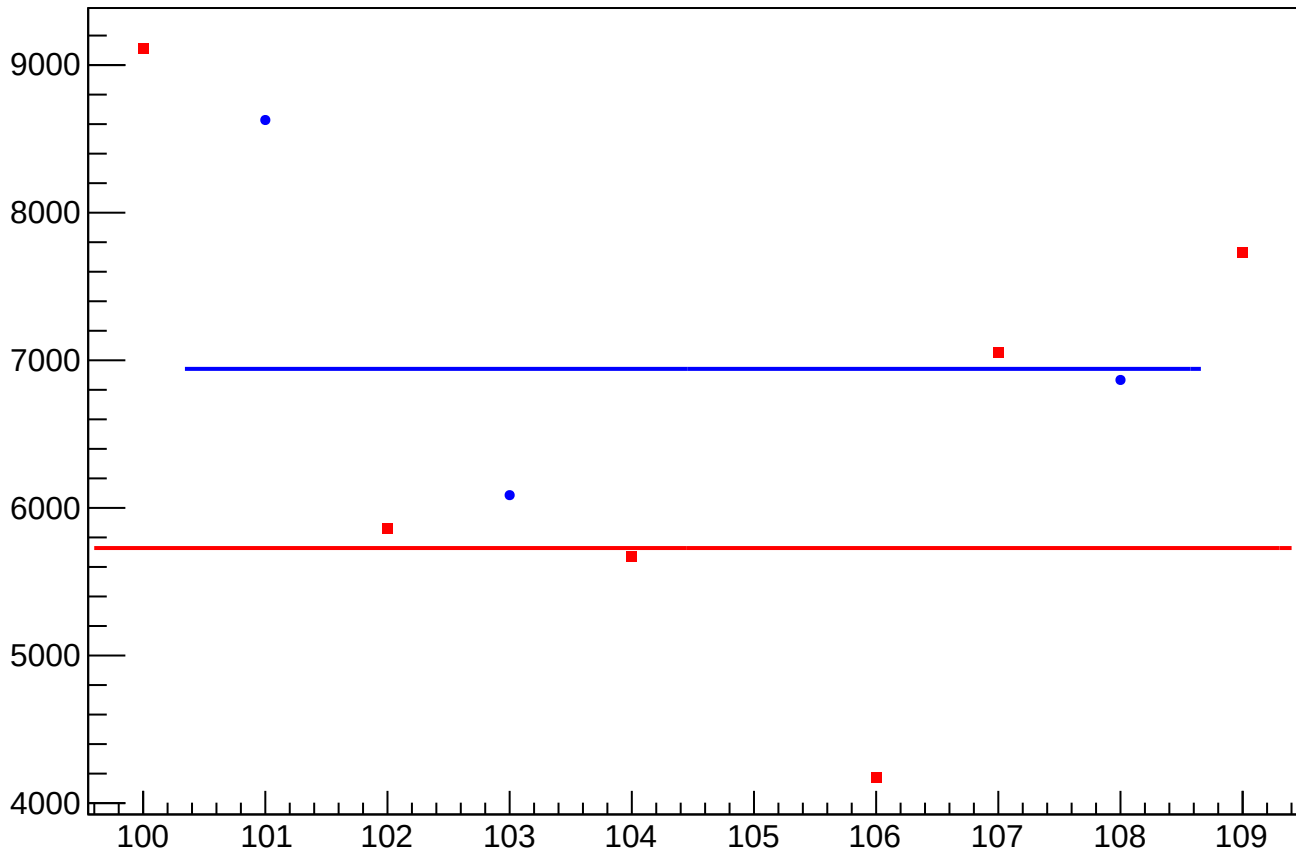
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4241.551+/-3140.784 χ^2 /NDF: 3.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 6941.925 $\pm$ 3.879 χ^2 /NDF: 72958.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5728.128 $\pm$ 2.709 χ^2 /NDF: 199549.7/5

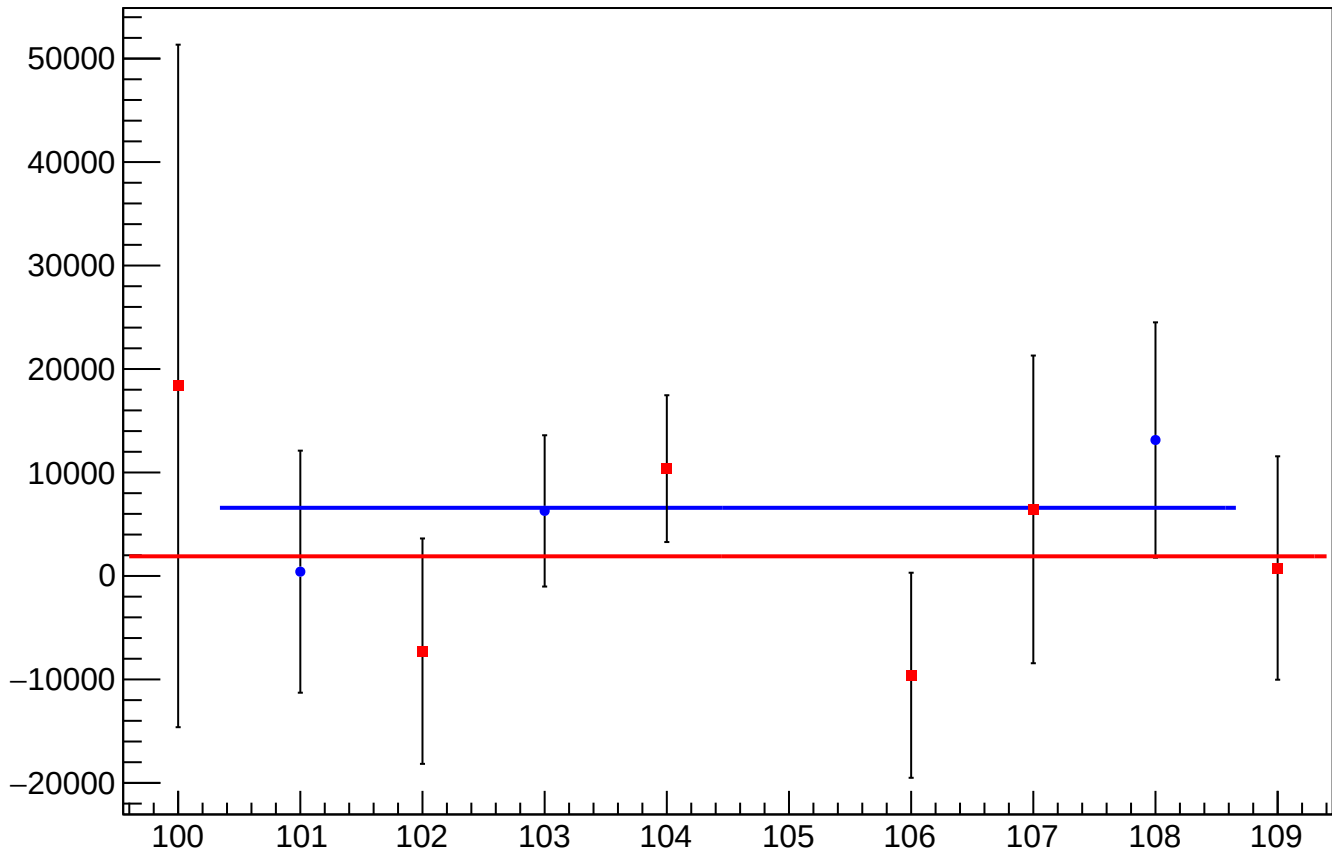
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6125.960 $\pm$ 2.221 χ^2 /NDF: 338323.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_mean vs Slug



Right In: 6586.013 $\pm$ 5442.835 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1898.158 $\pm$ 4364.023 χ^2 /NDF: 3.8/5

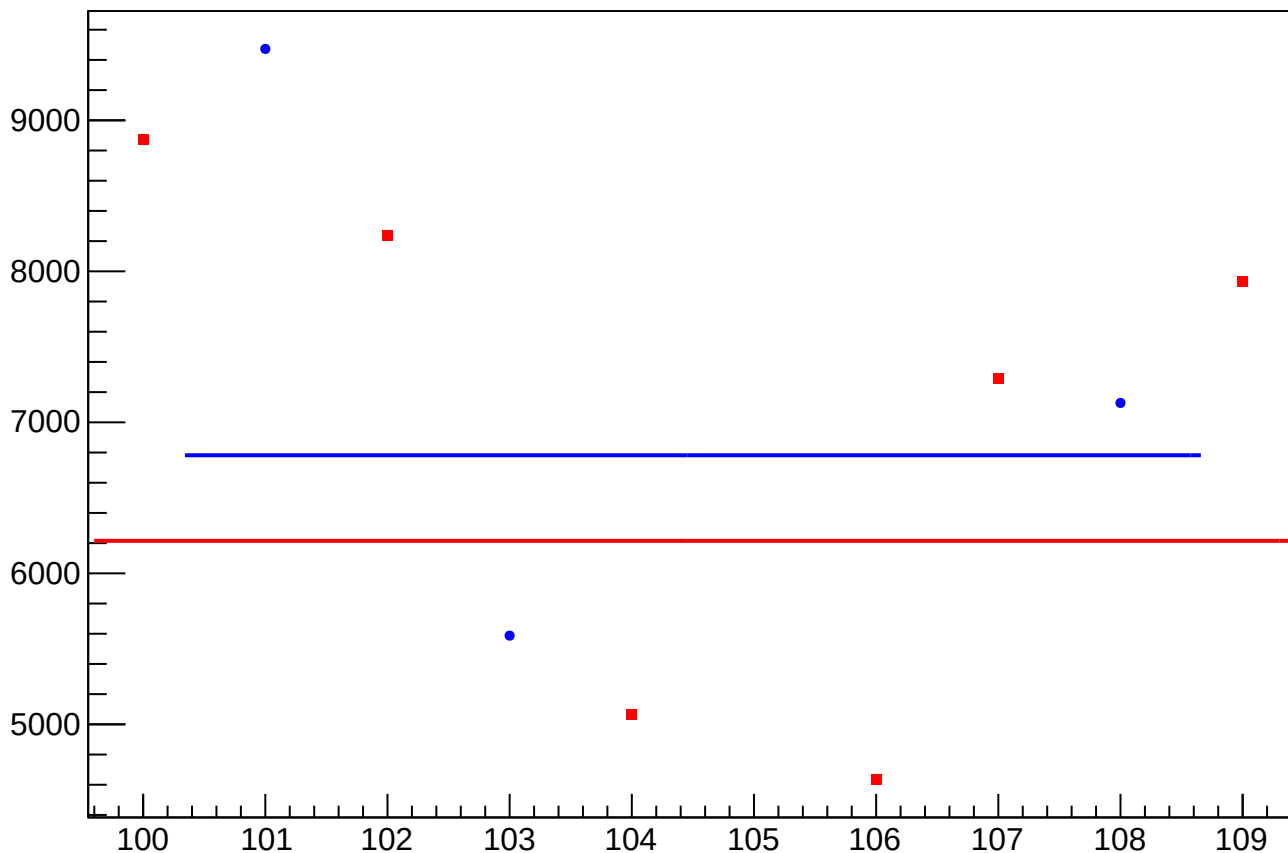
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3732.560 $\pm$ 3404.751 χ^2 /NDF: 4.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_rms vs Slug



Right In: 6781.917+/-3.849 χ^2/NDF : 161098.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6215.387+/-3.085 χ^2/NDF : 246612.7/5

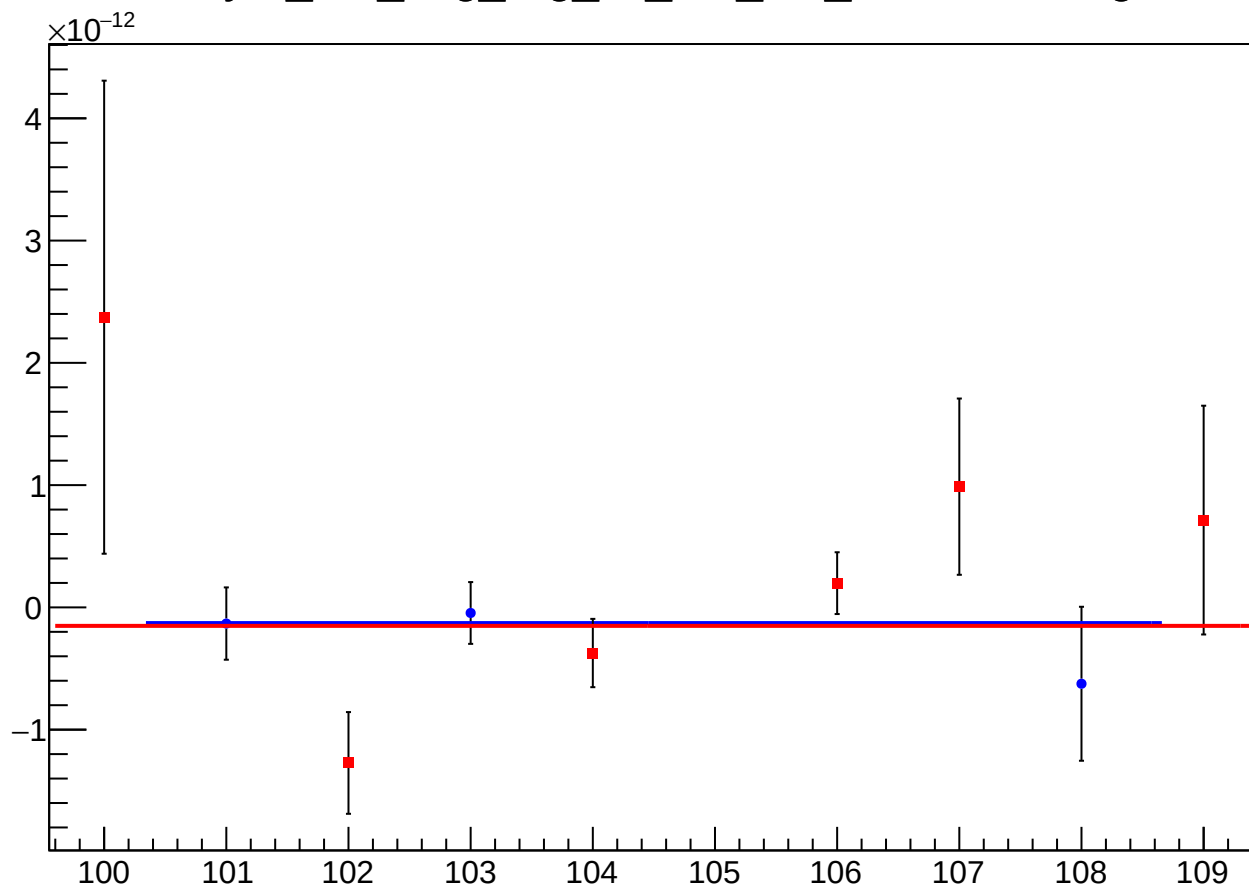
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6437.034+/-2.407 χ^2/NDF : 420903.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/5

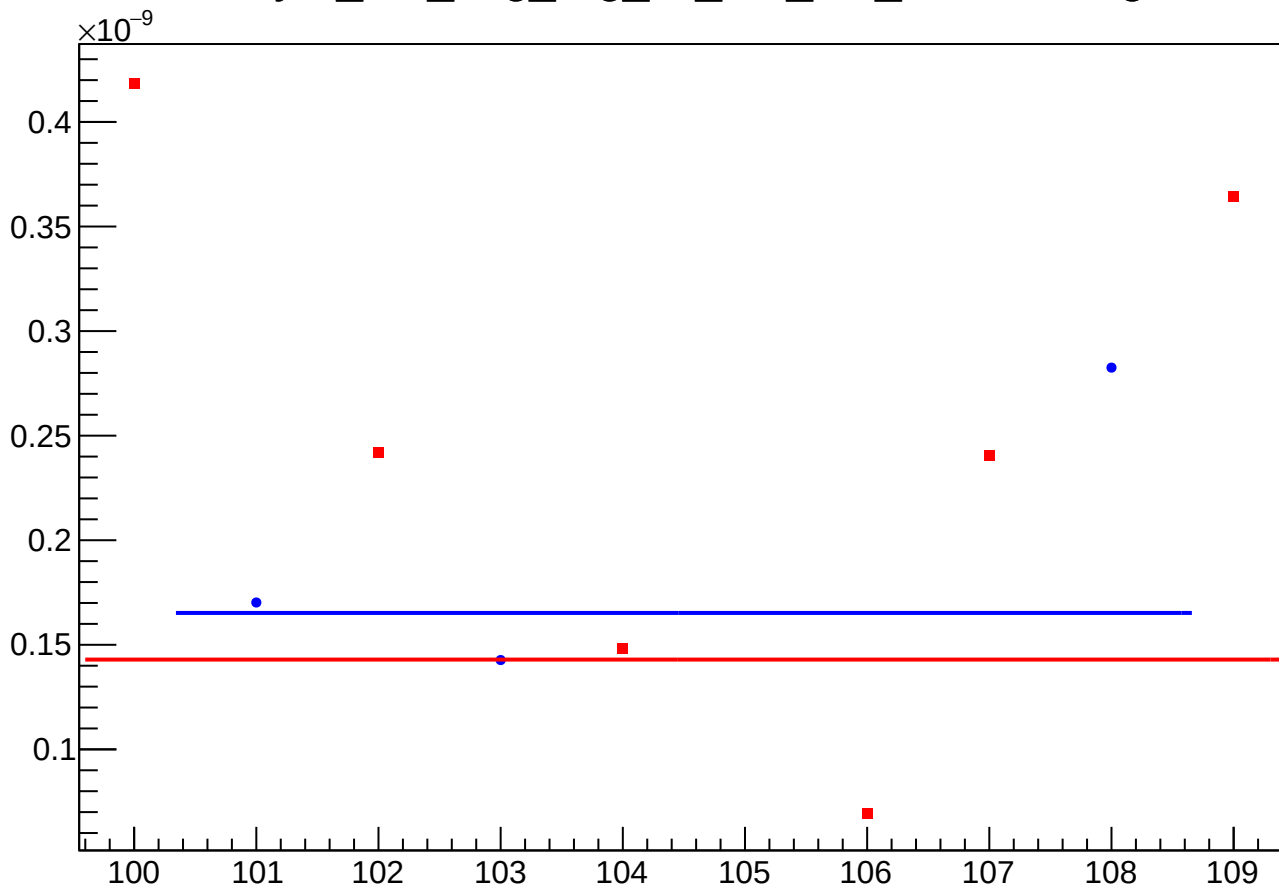
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 85866.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 472545.1/5

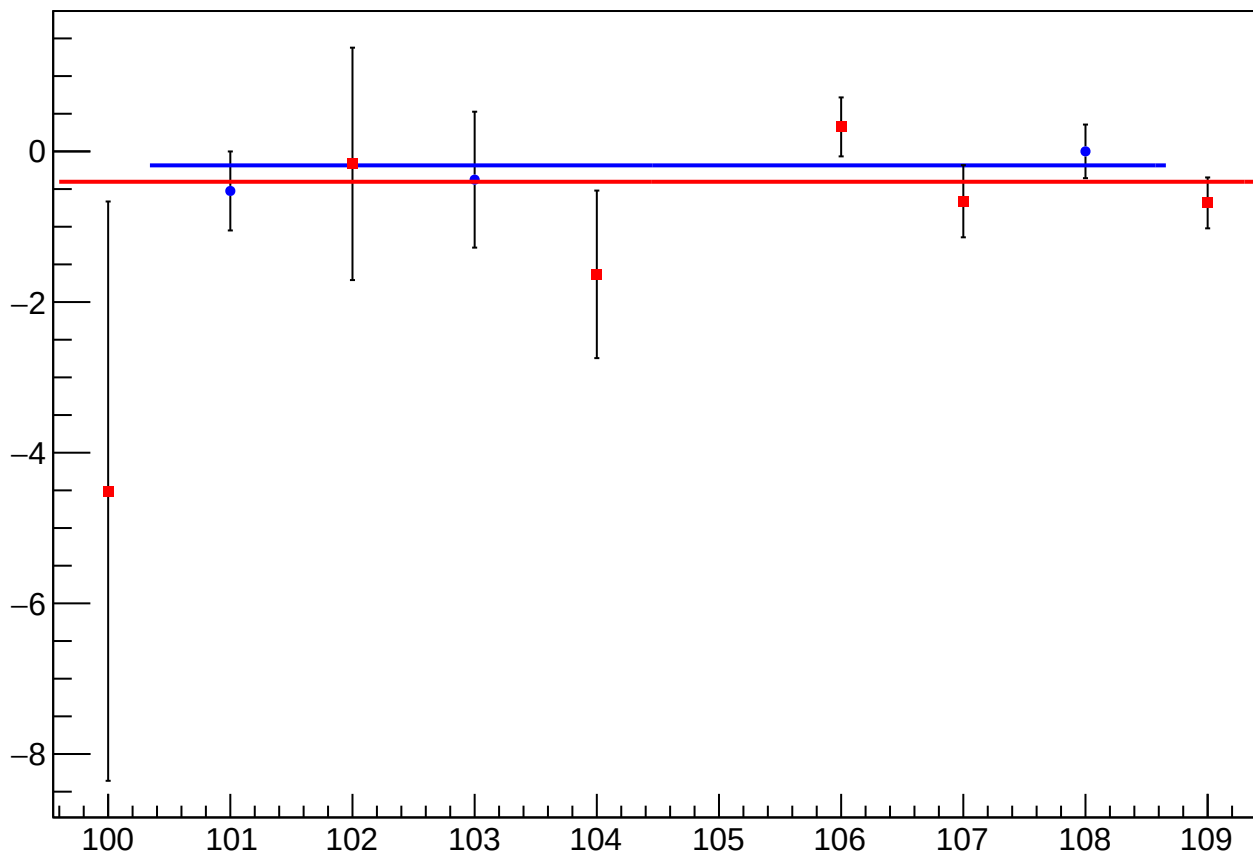
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 574893.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.185+/-0.280 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.403+/-0.219 χ^2/NDF : 6.8/5

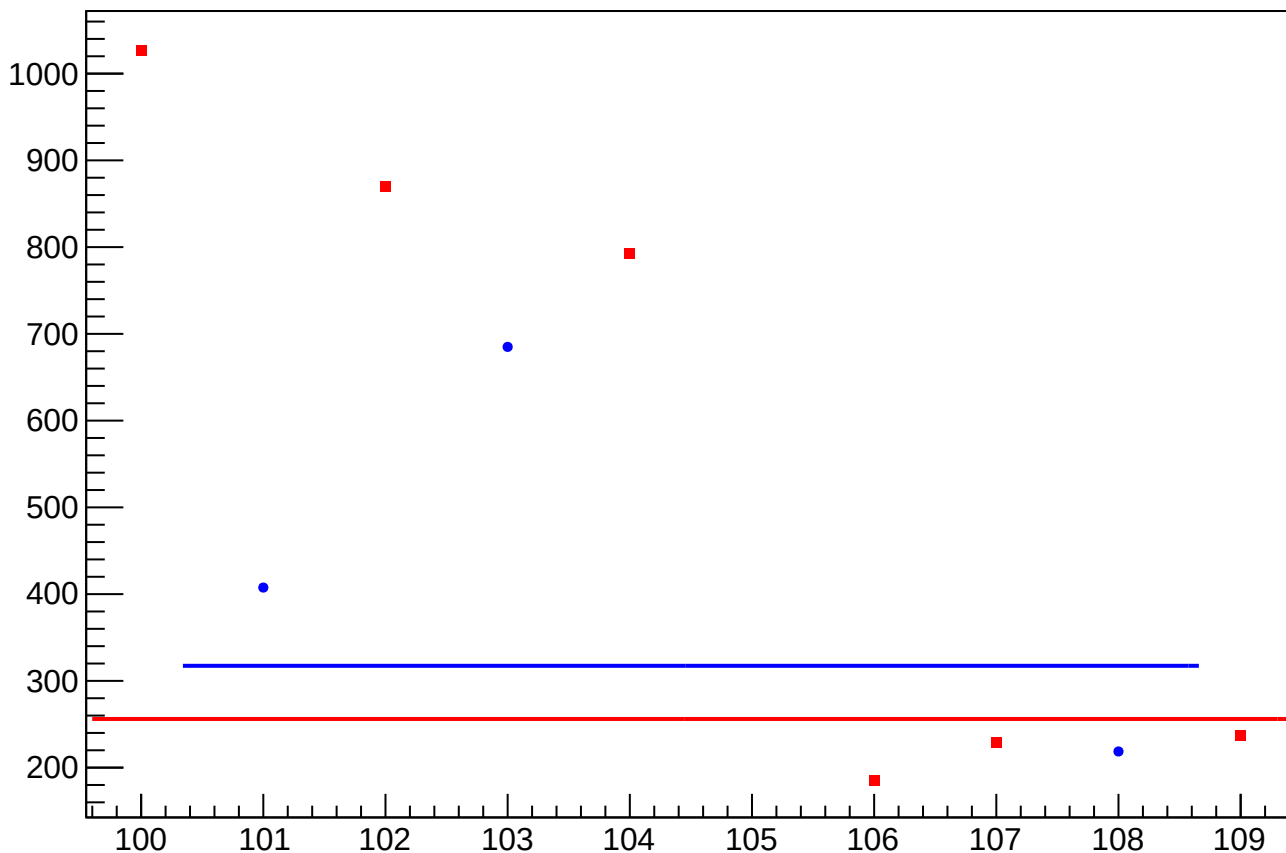
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.321+/-0.172 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 317.378 $\pm$ 0.198 χ^2 /NDF: 545194.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.086 $\pm$ 0.155 χ^2 /NDF: 940864.3/5

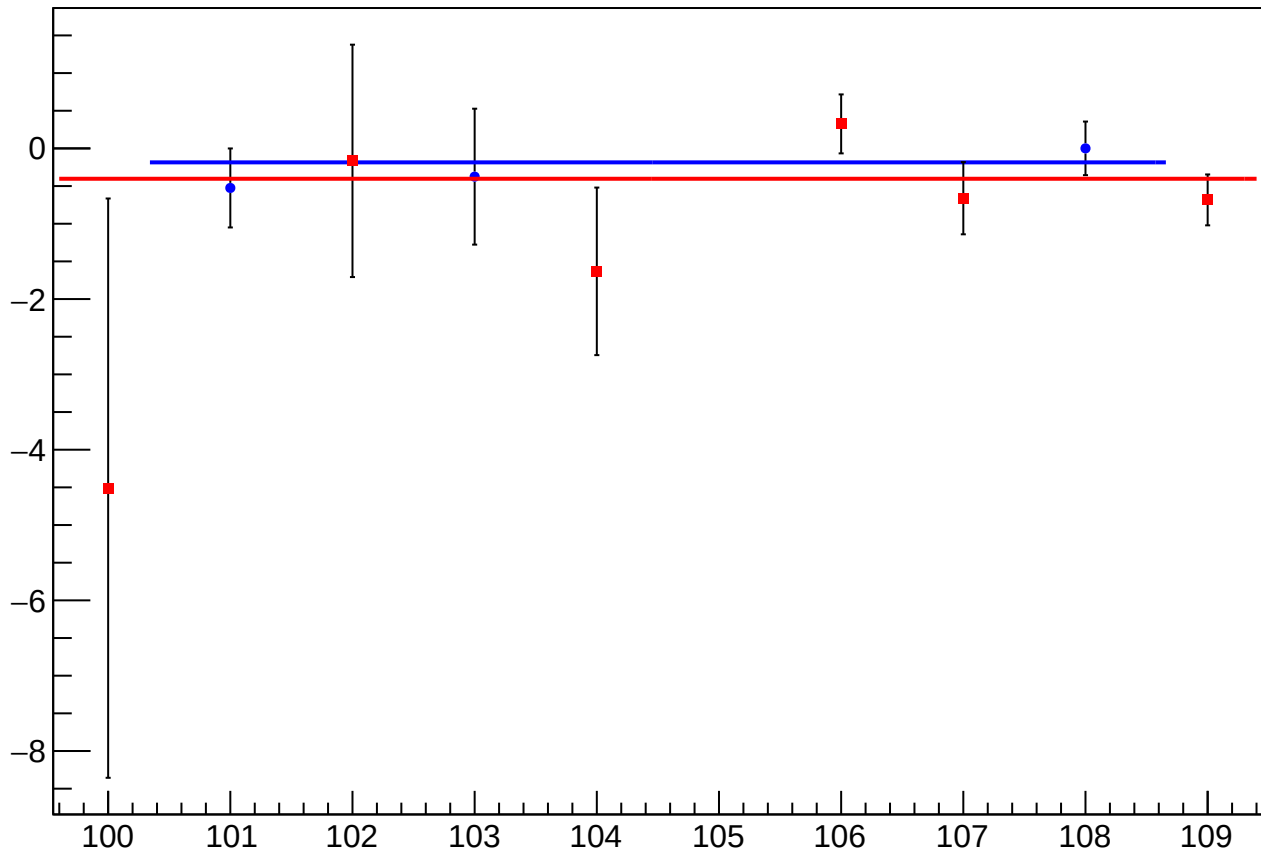
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 279.297 $\pm$ 0.122 χ^2 /NDF: 1545624.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.185+/-0.280 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.403+/-0.219 χ^2/NDF : 6.8/5

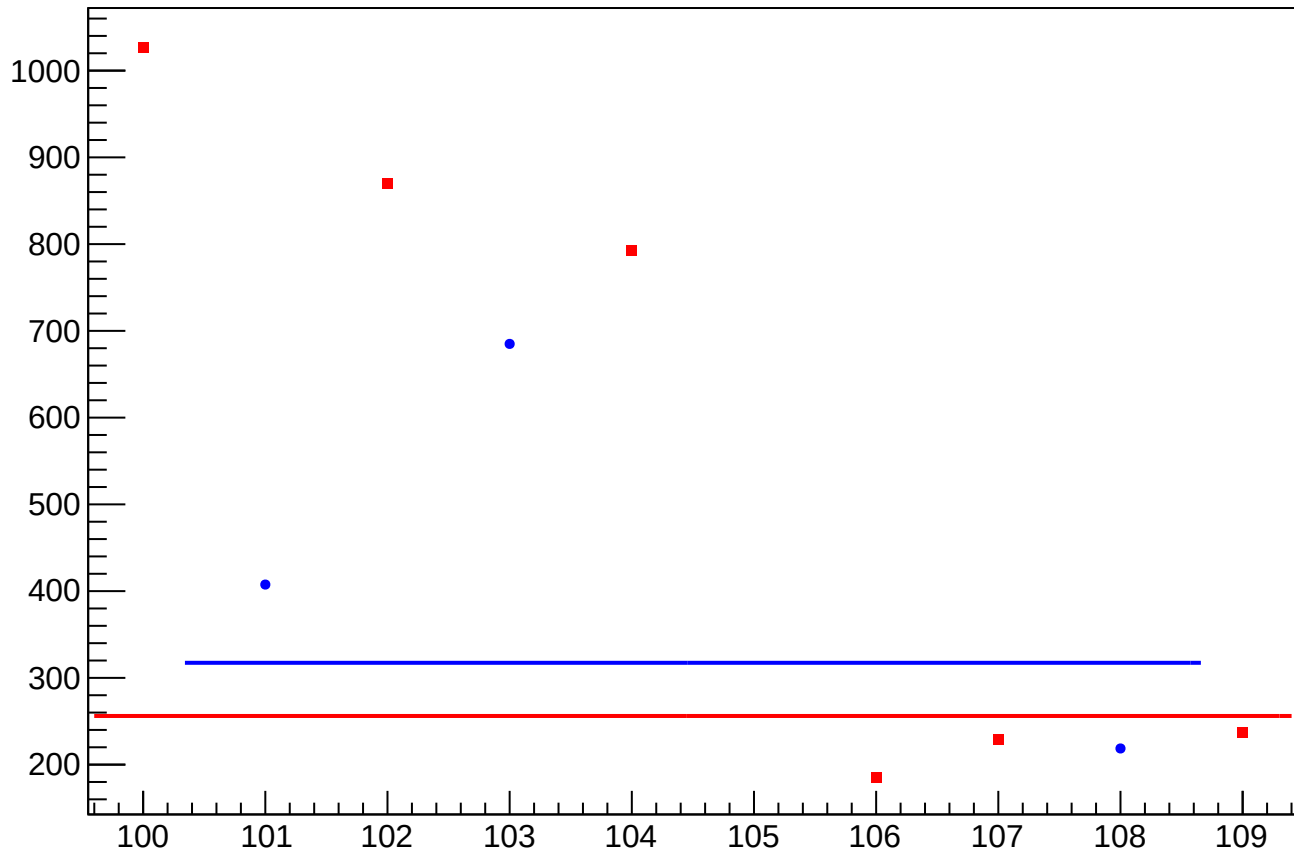
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.321+/-0.172 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 317.378 $\pm$ 0.198 χ^2 /NDF: 545194.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.086 $\pm$ 0.155 χ^2 /NDF: 940864.3/5

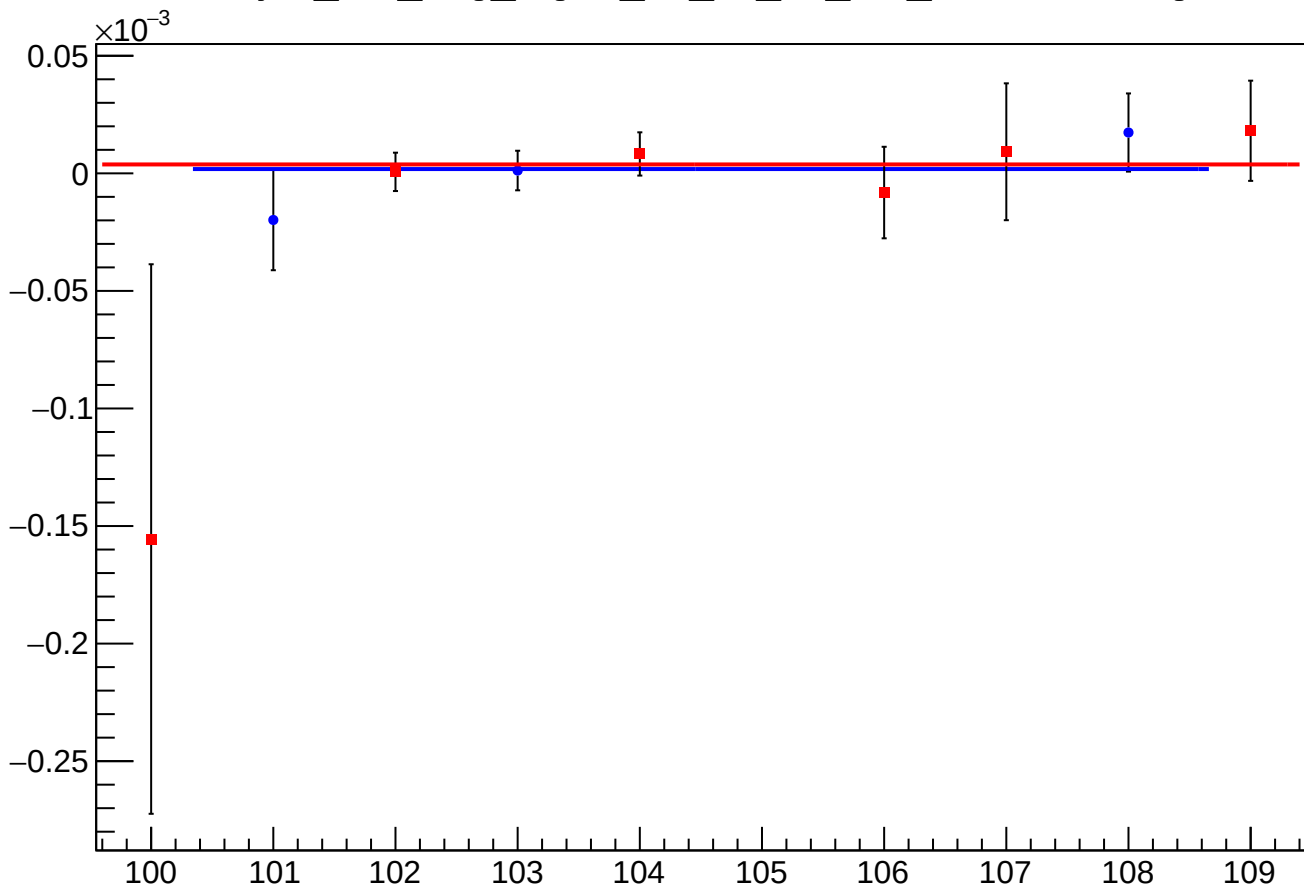
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 279.297 $\pm$ 0.122 χ^2 /NDF: 1545624.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/5

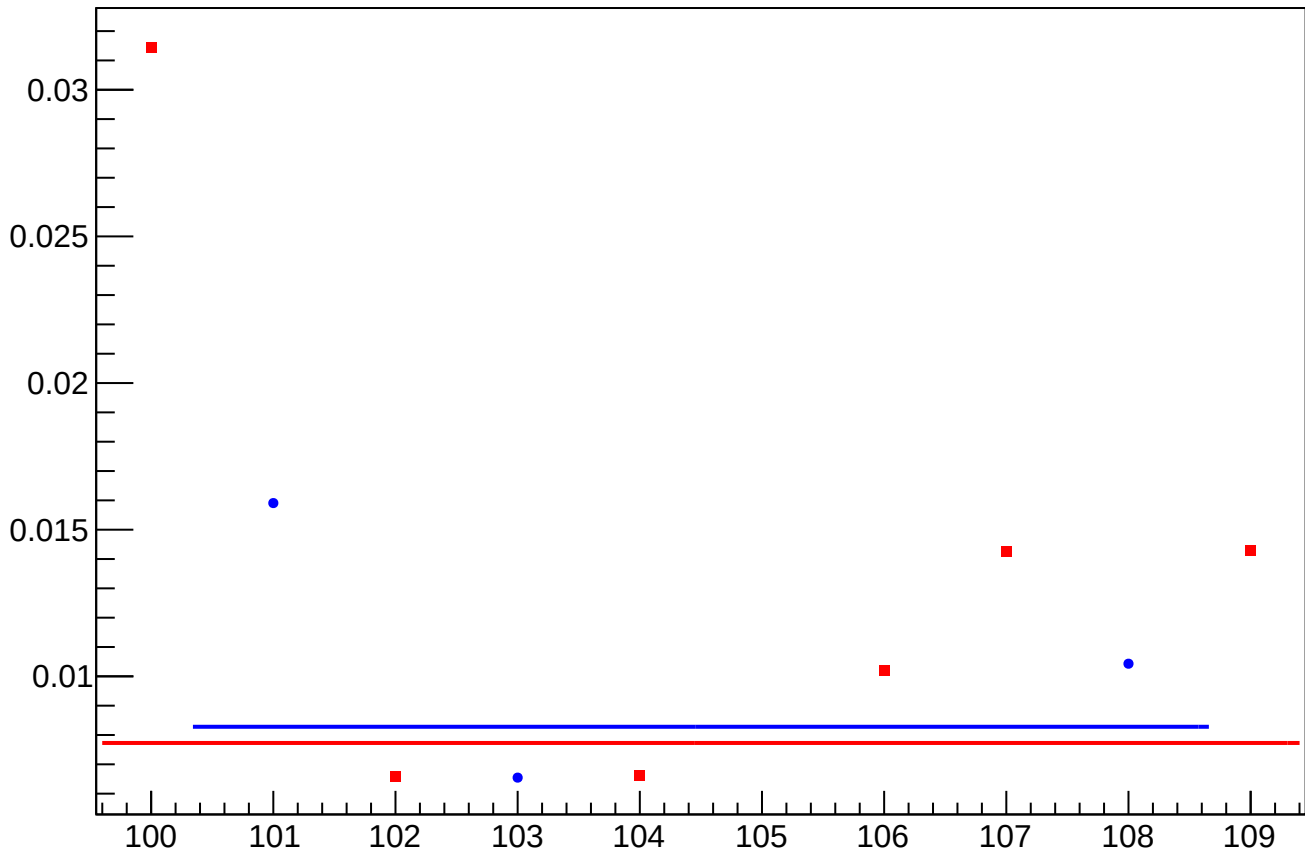
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 373119.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 474000.8/5

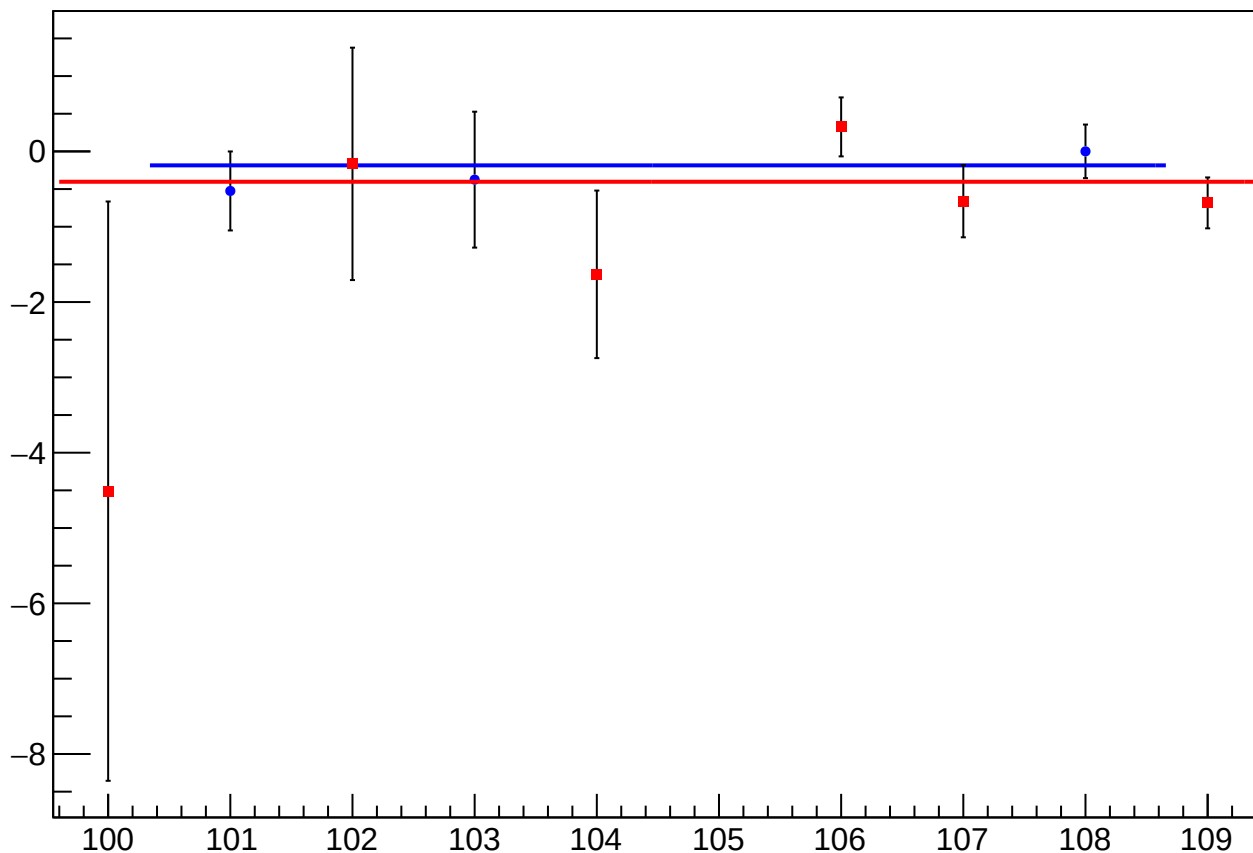
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 854693.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.185+/-0.280 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.403+/-0.219 χ^2/NDF : 6.8/5

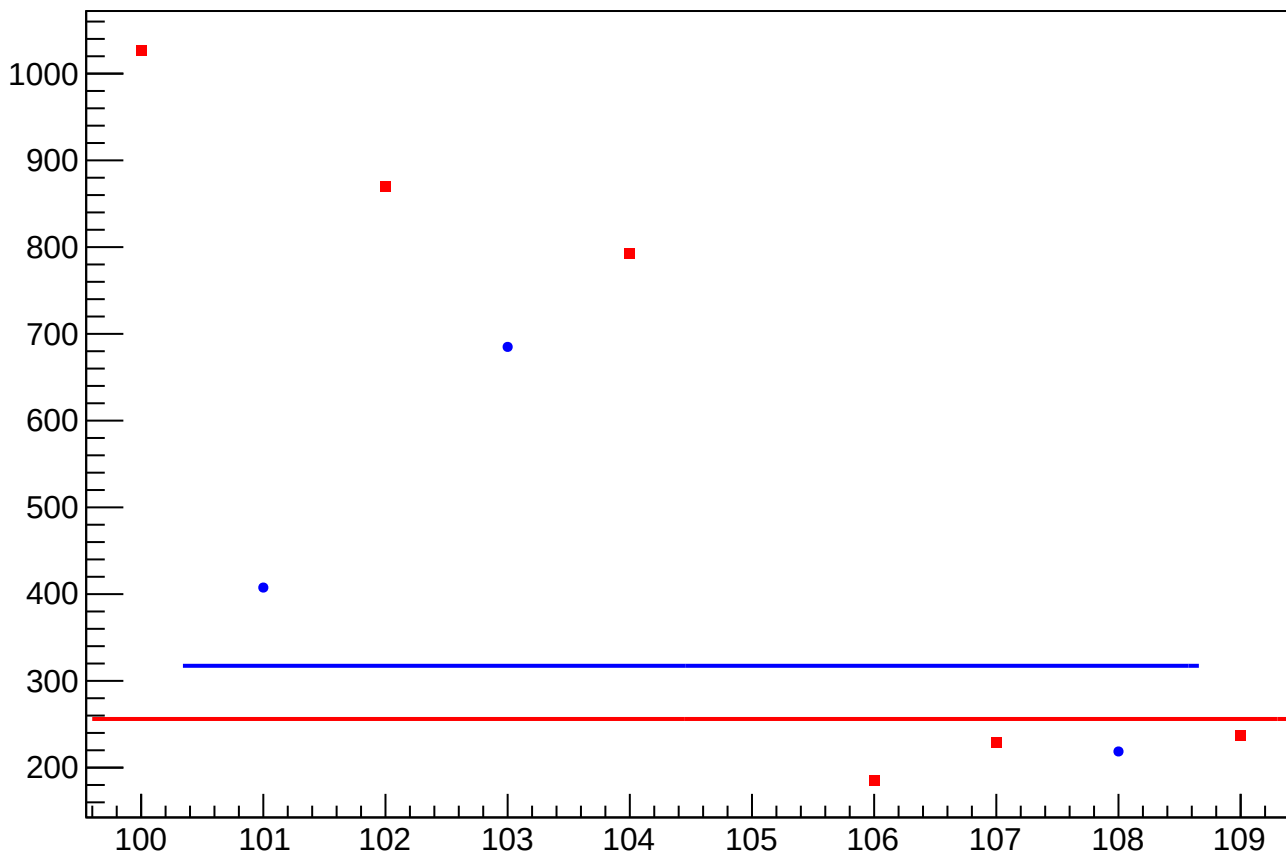
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.321+/-0.172 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 317.382+/-0.198 χ^2/NDF : 545171.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 256.087+/-0.155 χ^2/NDF : 940863.7/5

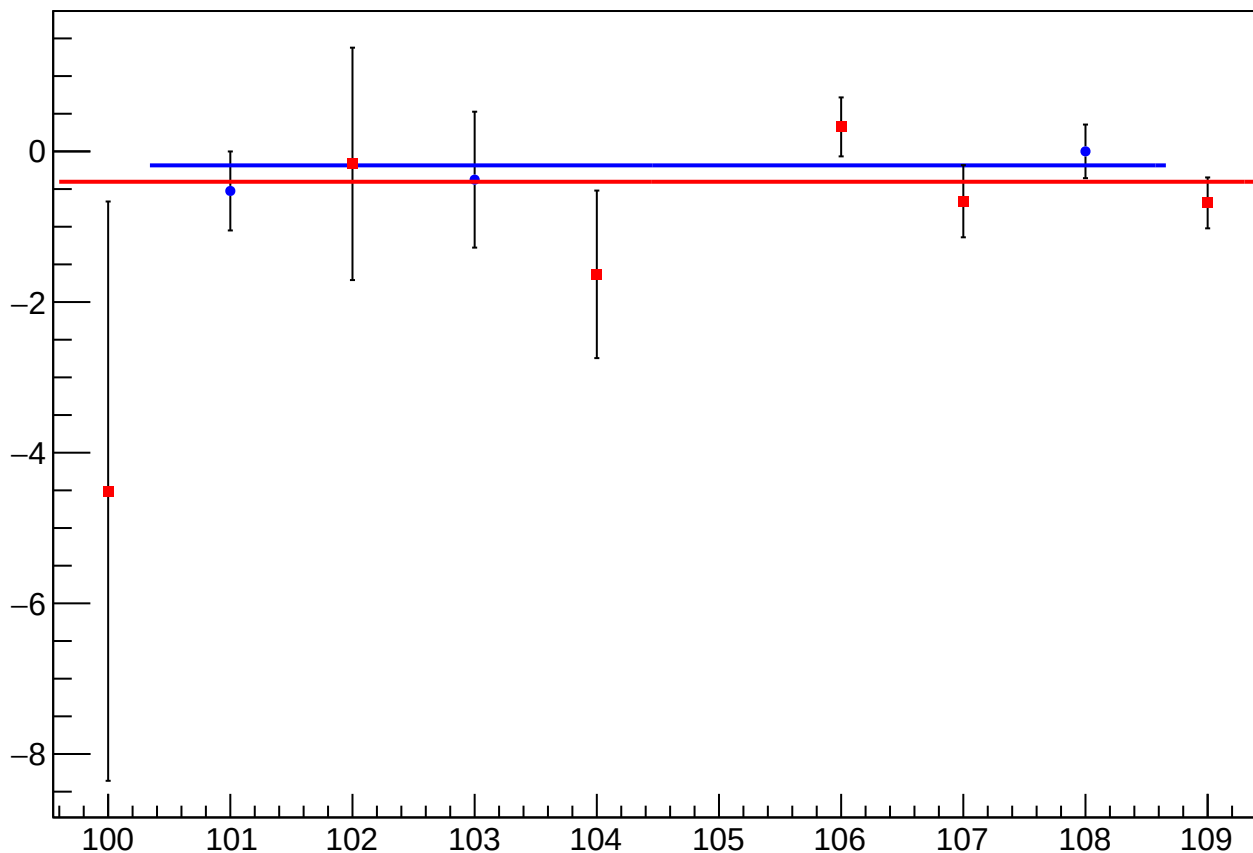
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 279.298+/-0.122 χ^2/NDF : 1545606.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.185+/-0.280 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.403+/-0.219 χ^2/NDF : 6.8/5

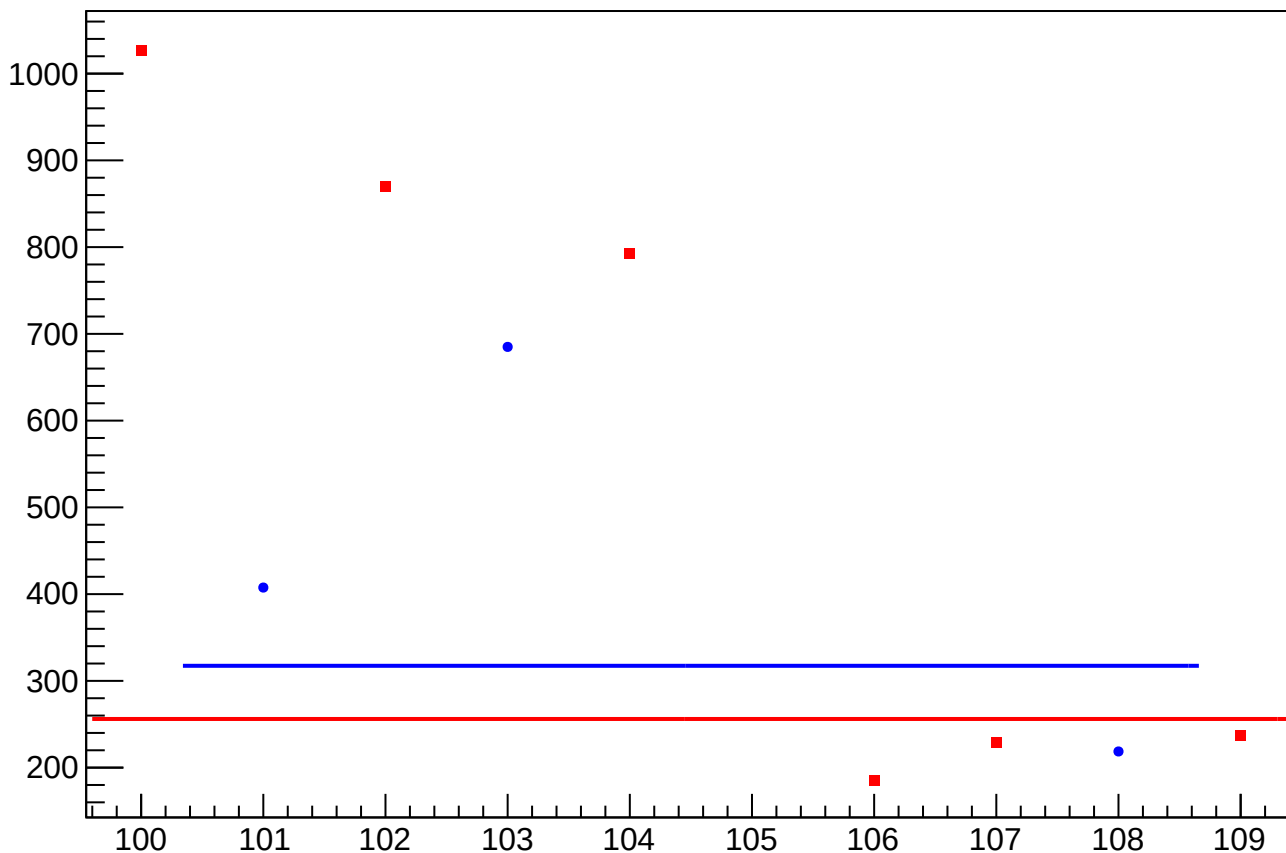
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.321+/-0.172 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 317.382 $\pm$ 0.198 χ^2 /NDF: 545171.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.087 $\pm$ 0.155 χ^2 /NDF: 940863.7/5

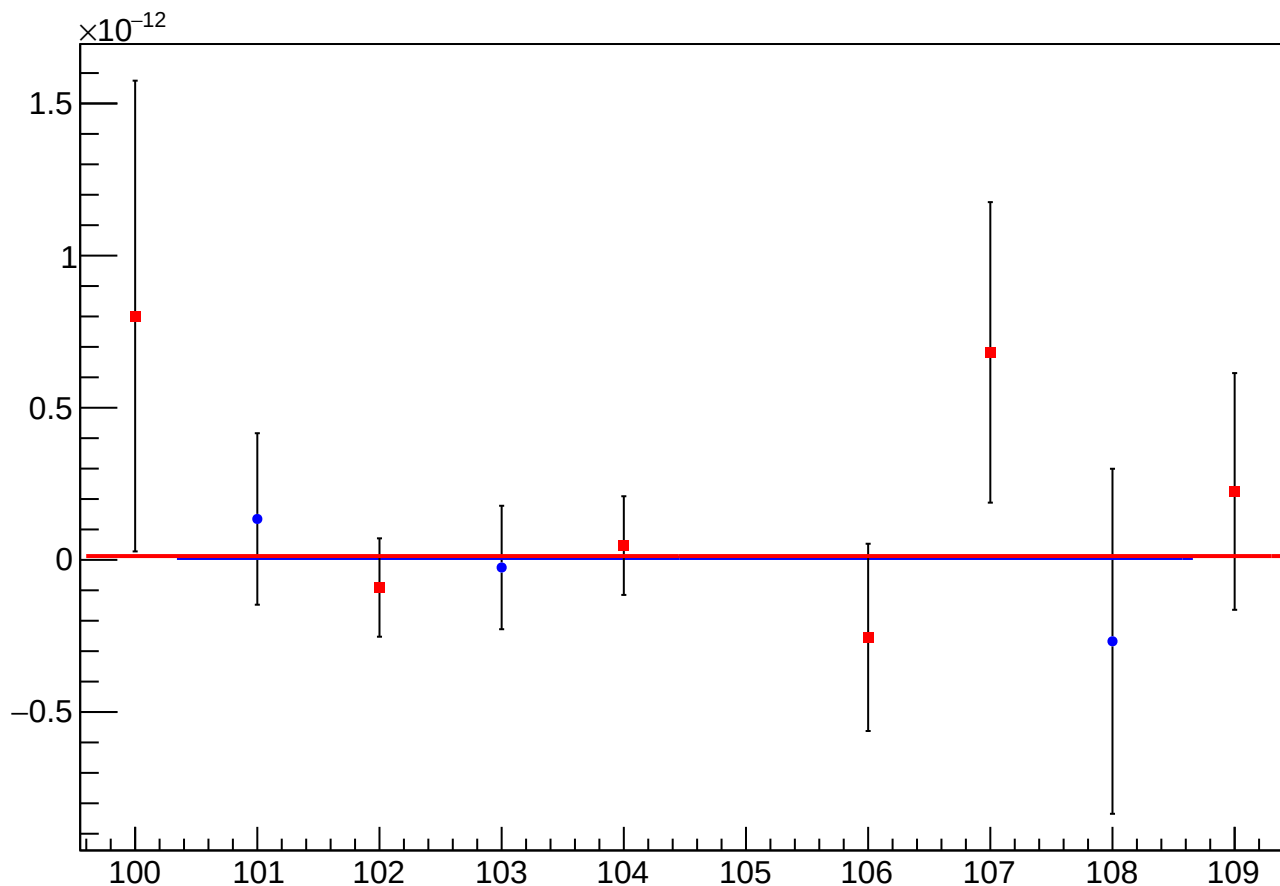
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 279.298 $\pm$ 0.122 χ^2 /NDF: 1545606.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/5

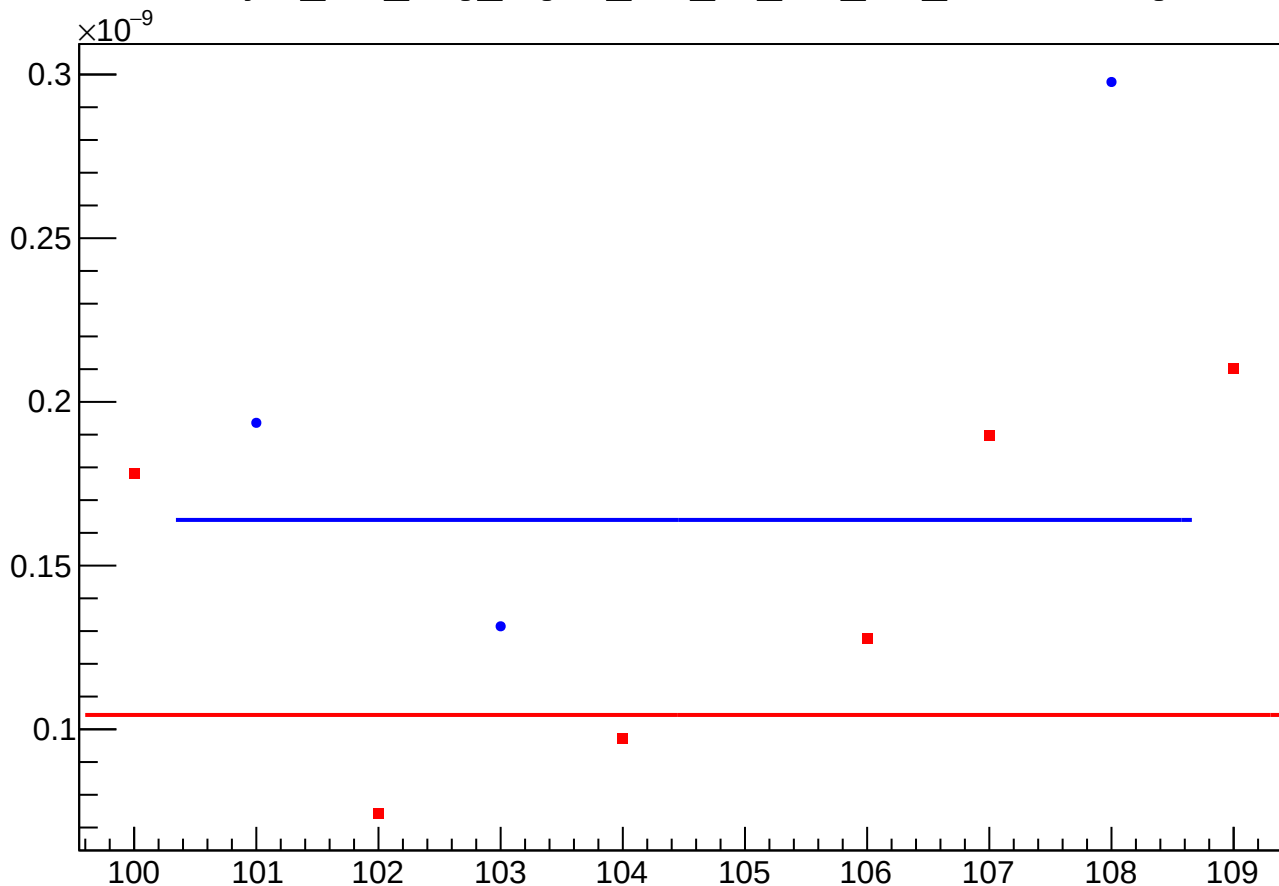
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 184770.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 310744.8/5

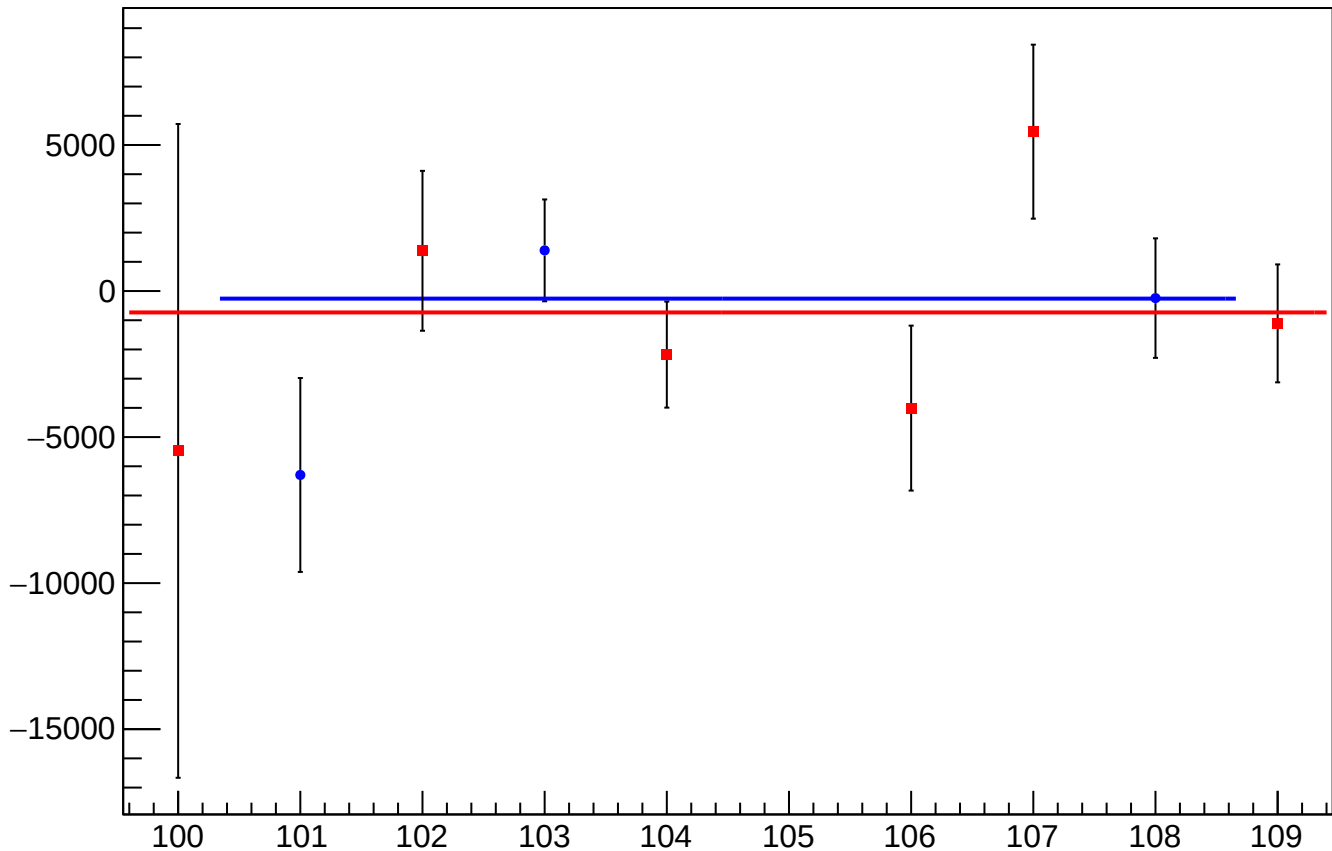
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 697845.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_mean vs Slug



Right In: -259.603+/-1232.080 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -732.128+/-1037.829 χ^2/NDF : 7.1/5

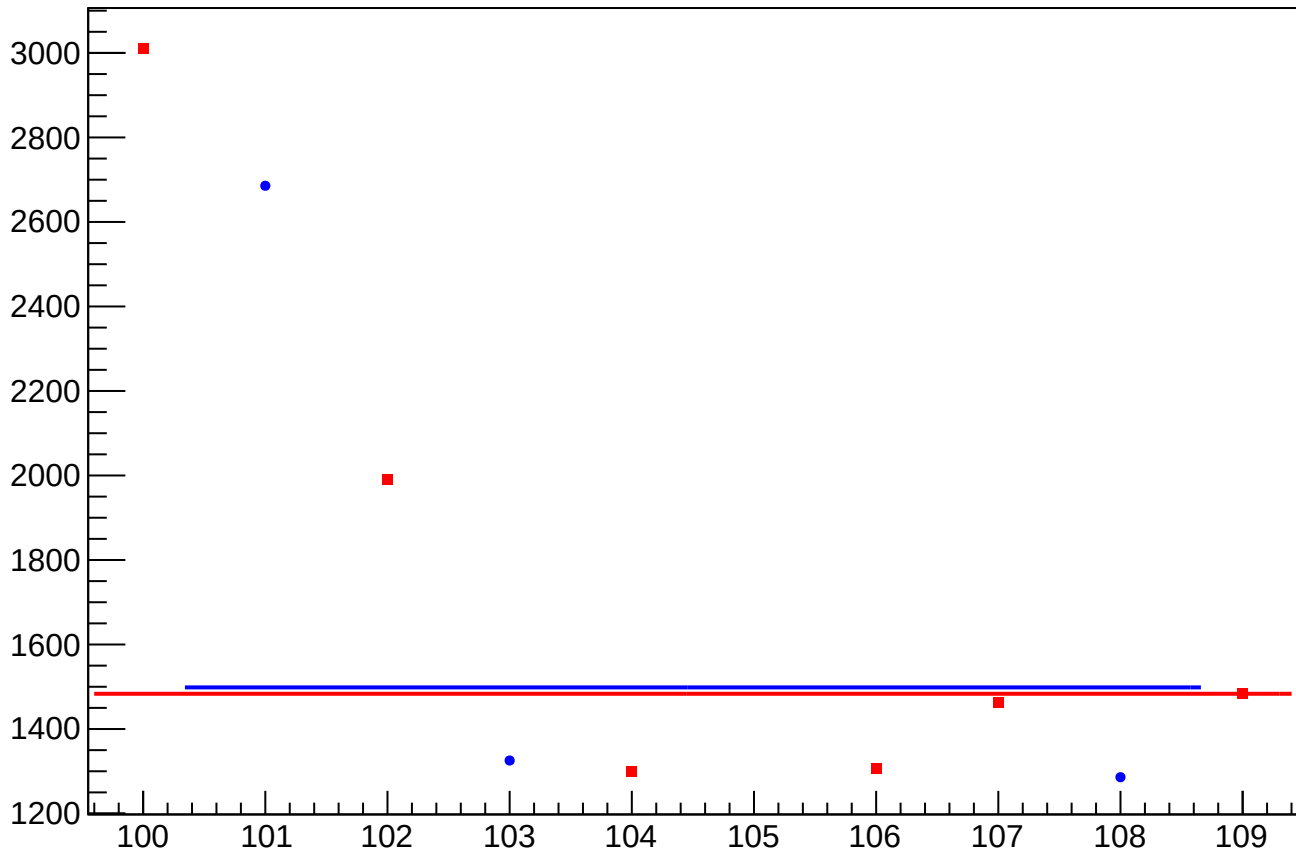
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.008+/-793.756 χ^2/NDF : 11.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1498.503 $\pm$ 0.871 χ^2 /NDF: 297028.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1483.387 $\pm$ 0.734 χ^2 /NDF: 133961.6/5

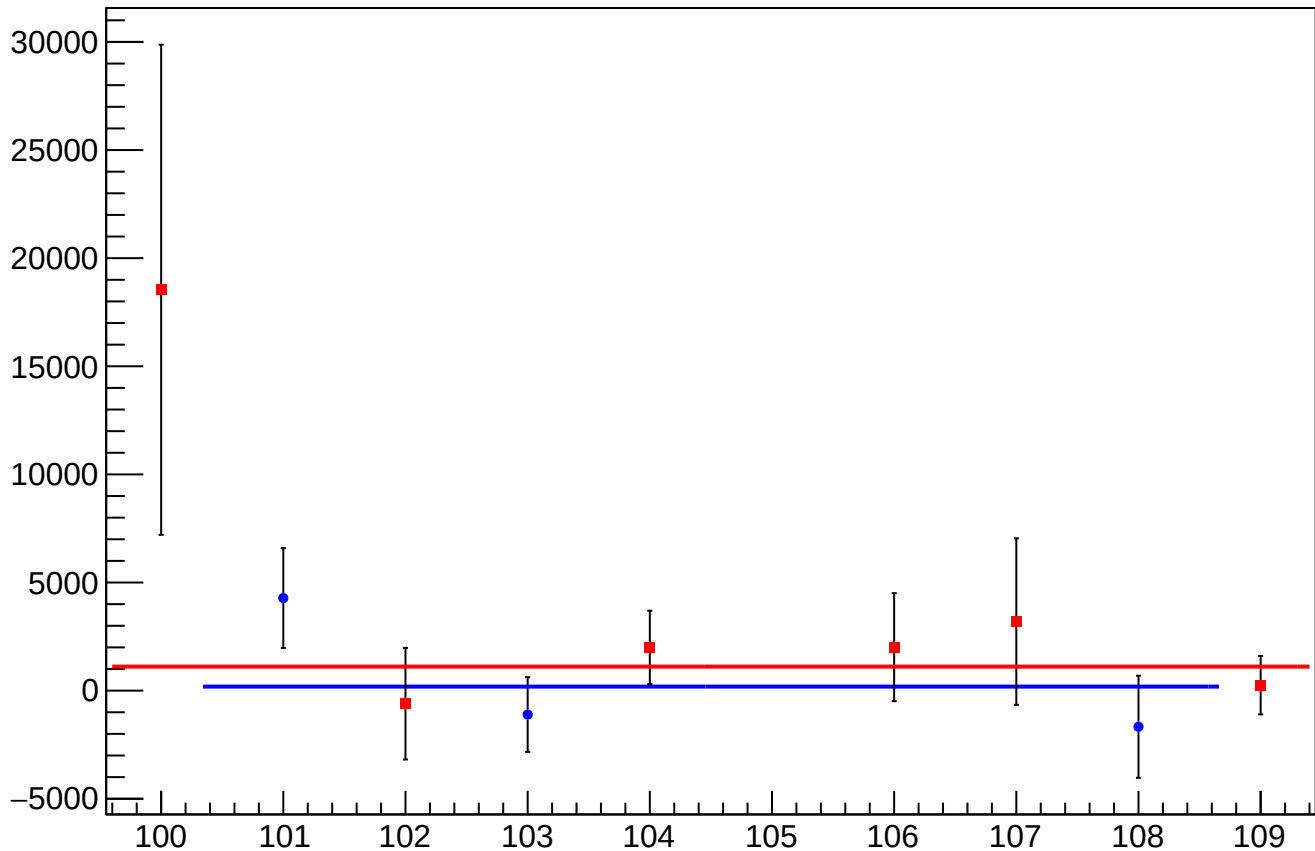
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1489.661 $\pm$ 0.561 χ^2 /NDF: 431166.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: 186.796 $\pm$ 1193.676 χ^2 /NDF: 4.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1111.568 $\pm$ 884.202 χ^2 /NDF: 3.9/5

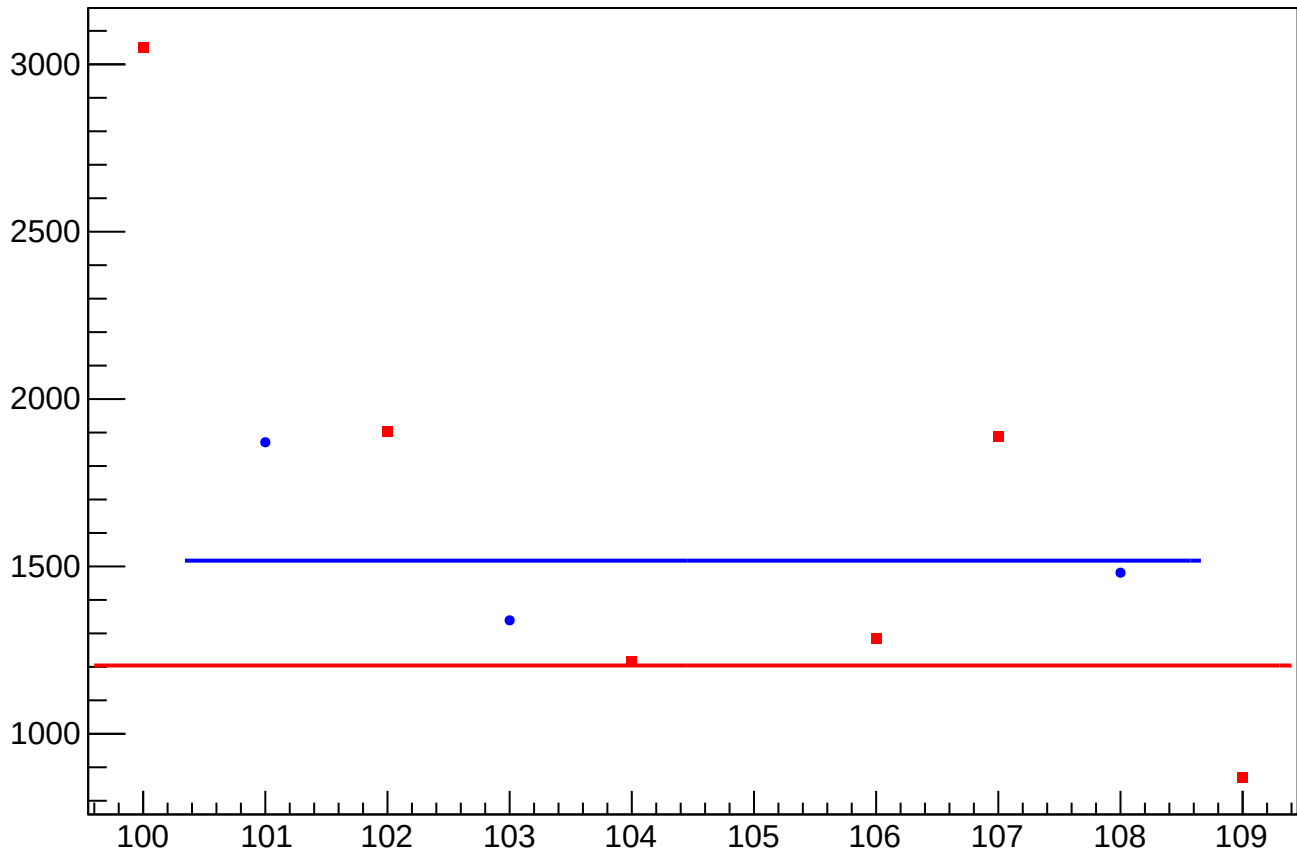
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 783.926 $\pm$ 710.508 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1517.312 $\pm$ 0.844 χ^2 /NDF: 68607.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1204.098 $\pm$ 0.625 χ^2 /NDF: 387984.5/5

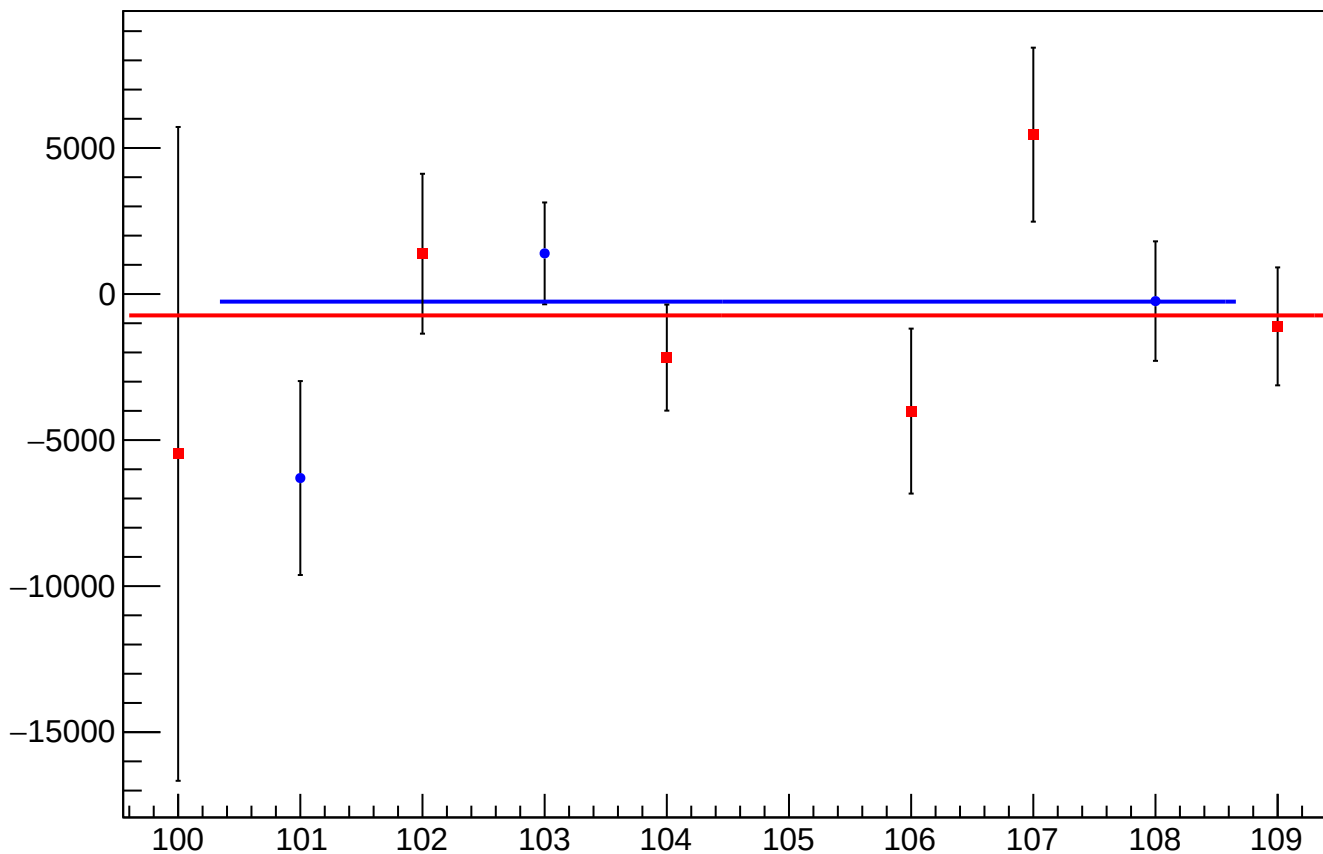
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1315.068 $\pm$ 0.502 χ^2 /NDF: 545506.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_dd_mean vs Slug



Right In: -259.912 ± 1232.080 χ^2/NDF : 4.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -731.665 ± 1037.829 χ^2/NDF : 7.1/5

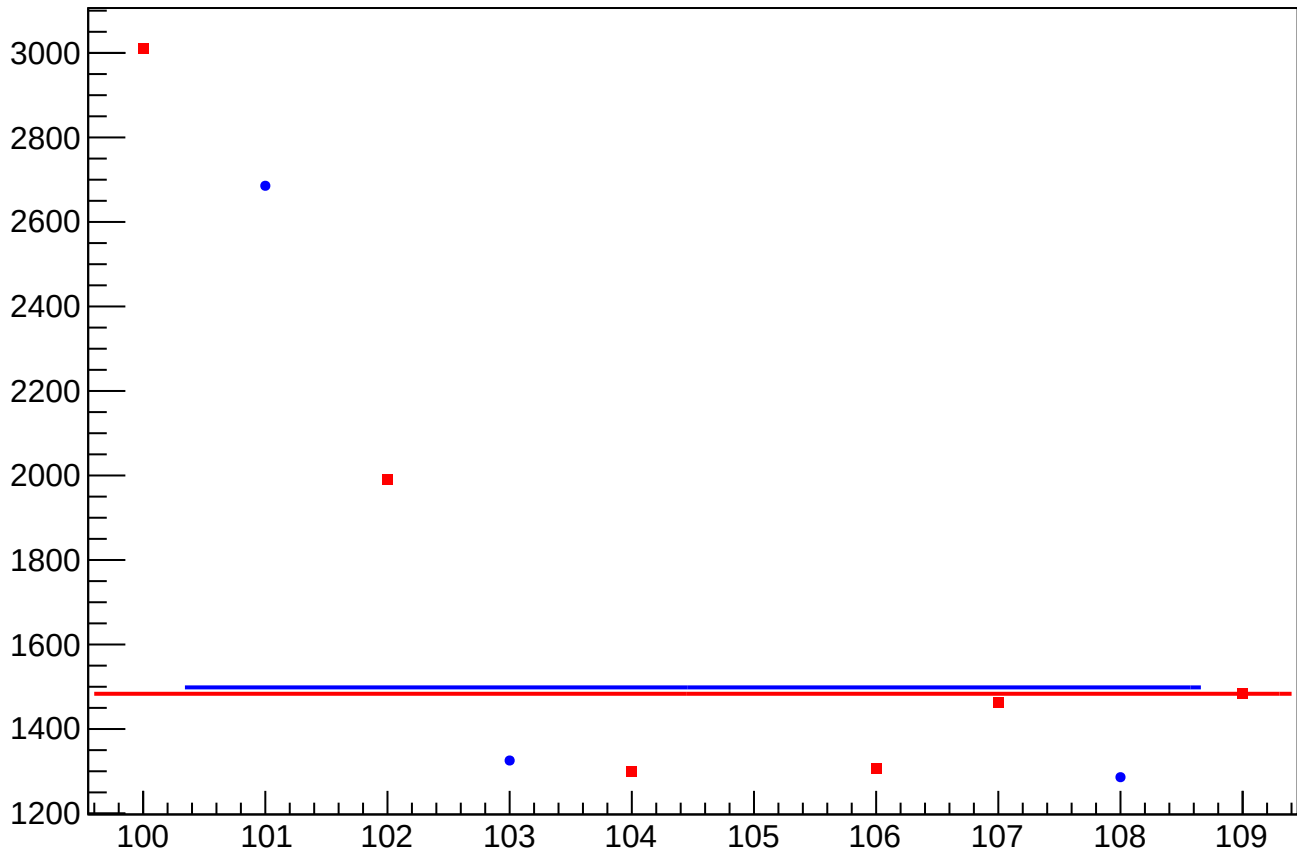
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -535.866 ± 793.756 χ^2/NDF : 11.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1498.503 $\pm$ 0.871 χ^2 /NDF: 297028.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1483.387 $\pm$ 0.734 χ^2 /NDF: 133961.2/5

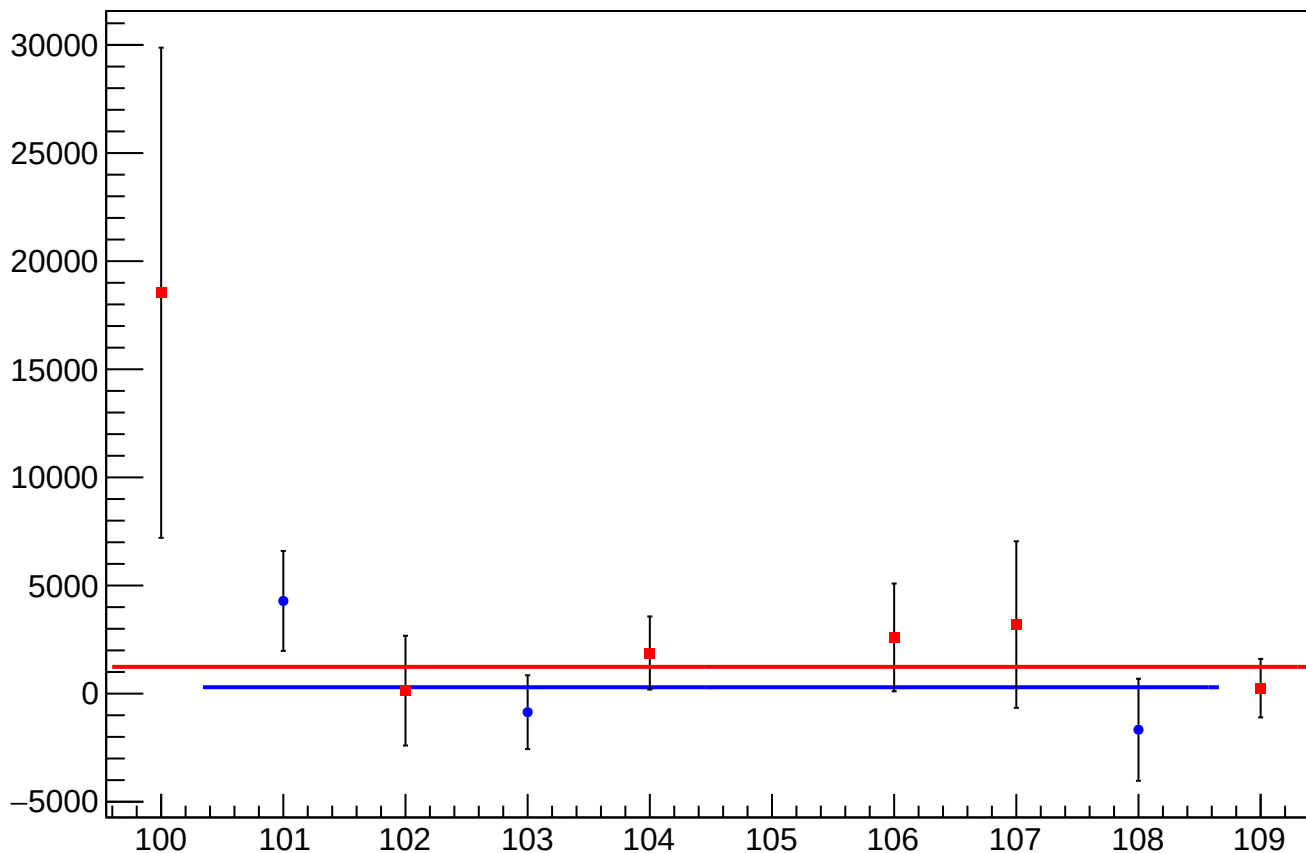
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1489.660 $\pm$ 0.561 χ^2 /NDF: 431166.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_cor_correction_mean vs Slug



Right In: 294.890 $\pm$ 1186.496 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1238.802 $\pm$ 881.133 χ^2 /NDF: 3.7/5

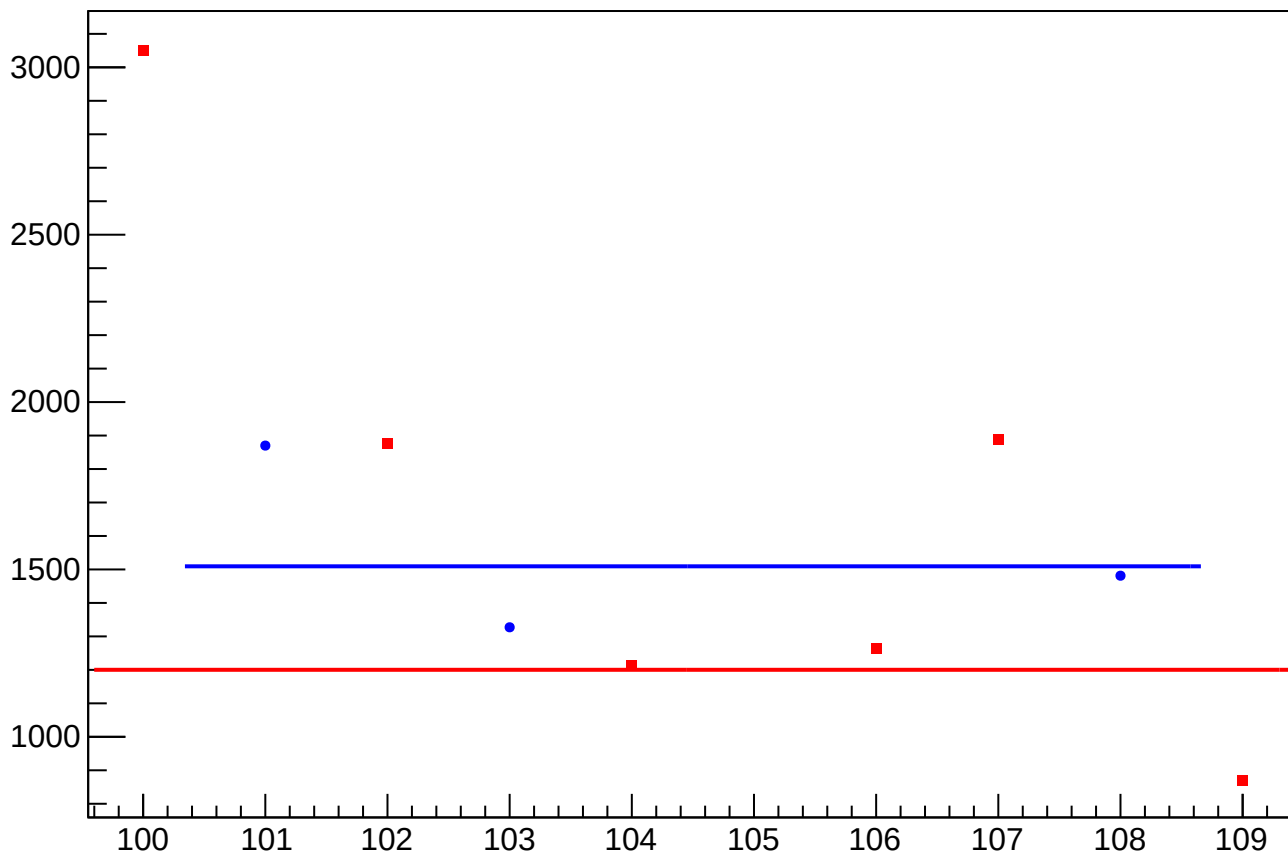
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 903.274 $\pm$ 707.400 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1509.352 $\pm$ 0.839 χ^2 /NDF: 71820.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1200.207 $\pm$ 0.623 χ^2 /NDF: 379615.1/5

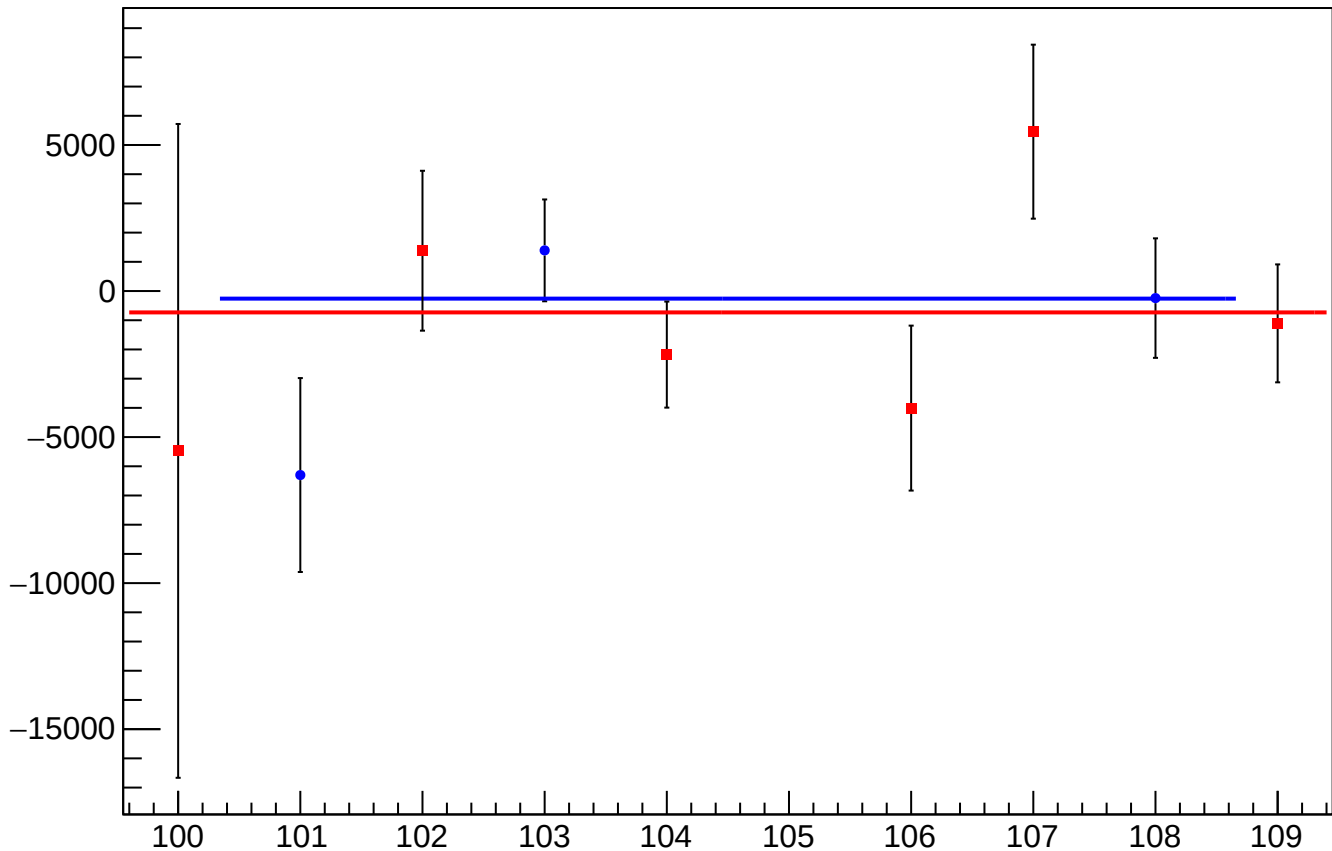
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1310.097 $\pm$ 0.500 χ^2 /NDF: 538948.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: -259.912 ± 1232.080 χ^2/NDF : 4.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -731.665 ± 1037.829 χ^2/NDF : 7.1/5

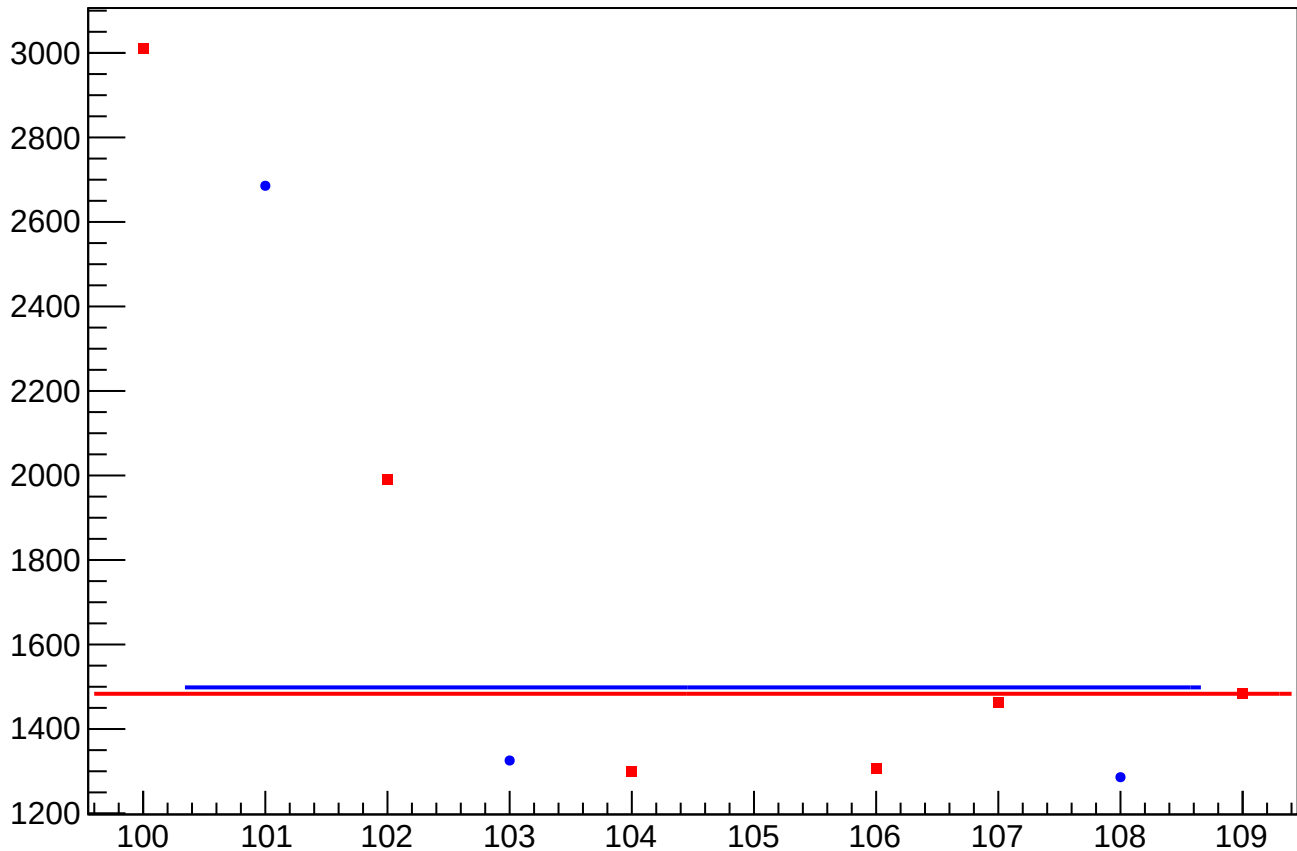
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -535.866 ± 793.756 χ^2/NDF : 11.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1498.503+/-0.871 χ^2/NDF : 297028.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1483.387+/-0.734 χ^2/NDF : 133961.2/5

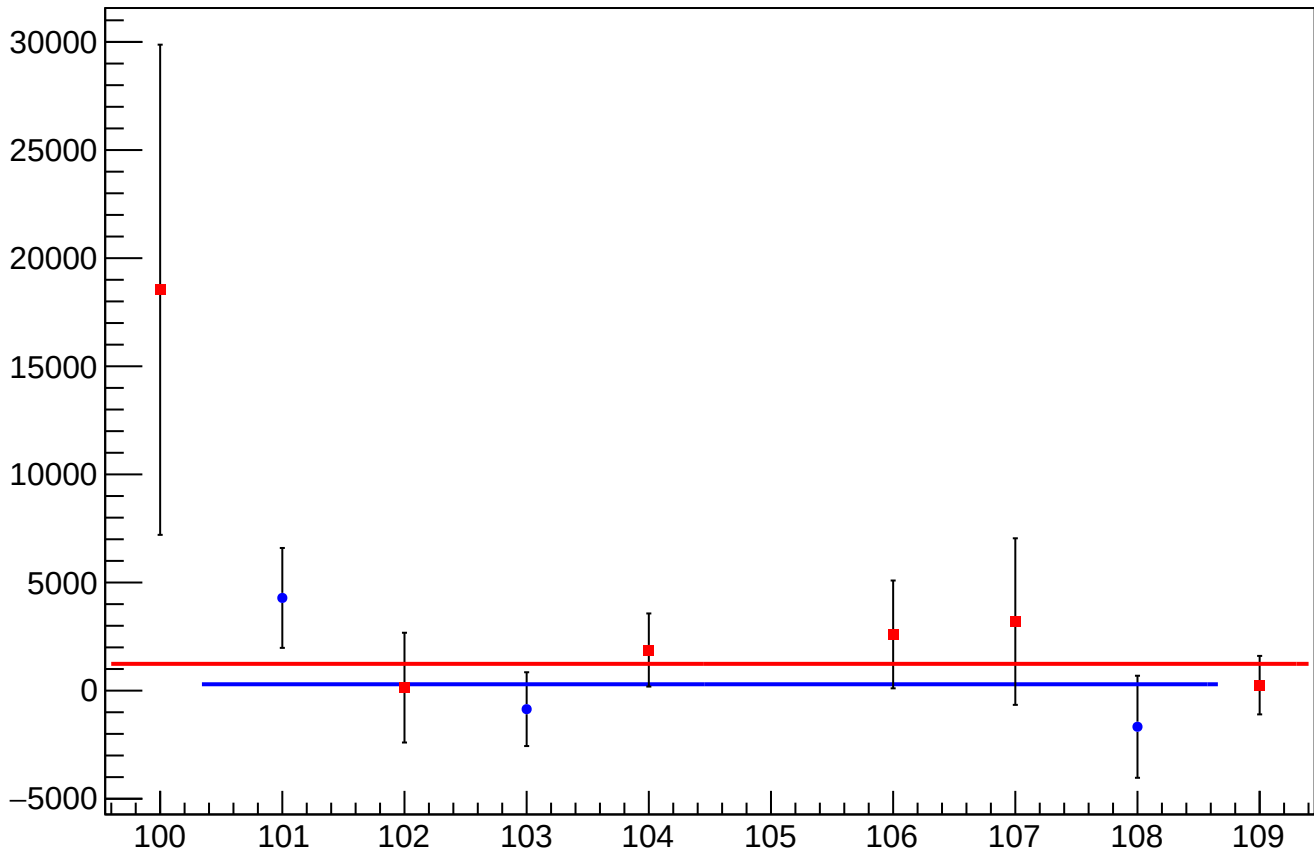
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1489.660+/-0.561 χ^2/NDF : 431166.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_mean vs Slug



Right In: 294.890 $\pm$ 1186.496 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1238.802 $\pm$ 881.133 χ^2 /NDF: 3.7/5

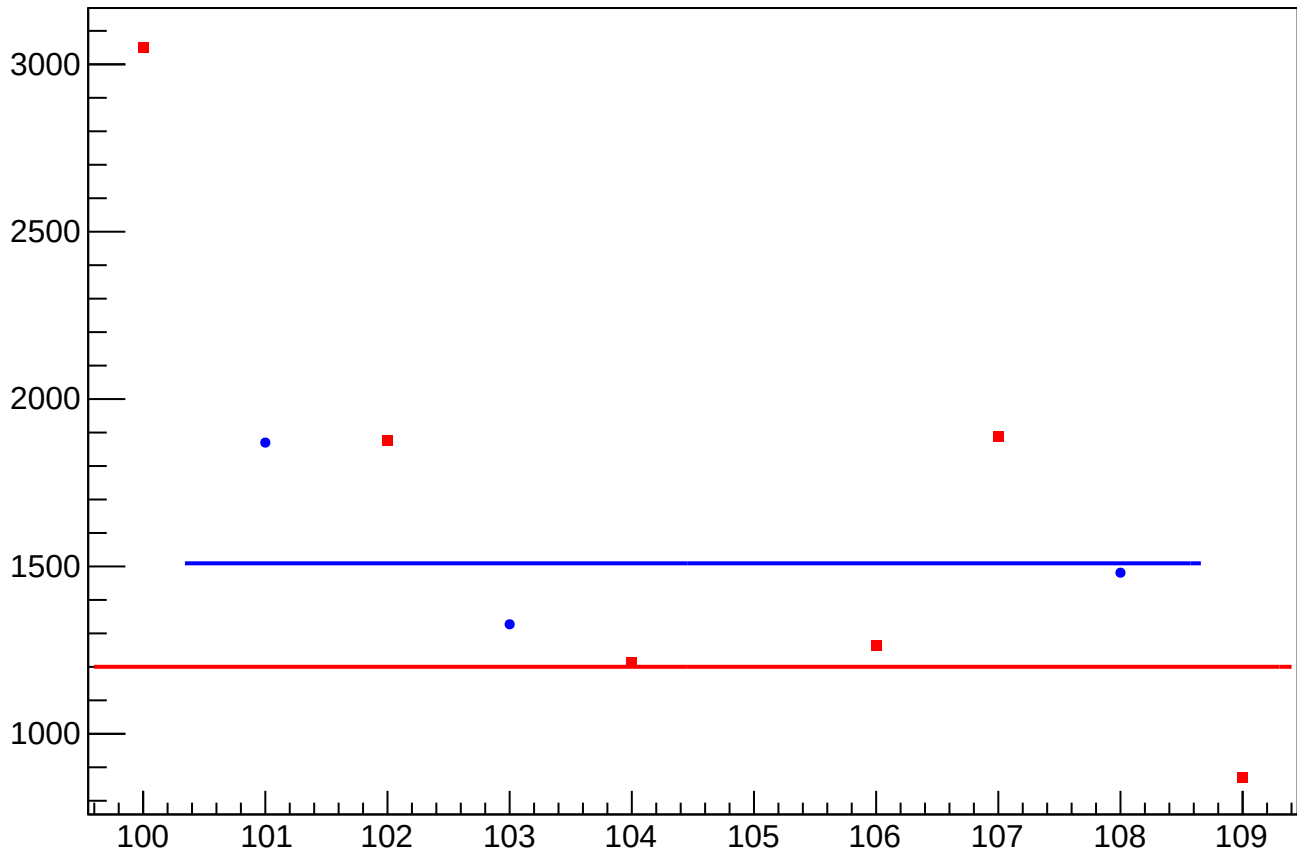
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 903.274 $\pm$ 707.400 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1509.352 $\pm$ 0.839 χ^2 /NDF: 71820.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1200.207 $\pm$ 0.623 χ^2 /NDF: 379615.1/5

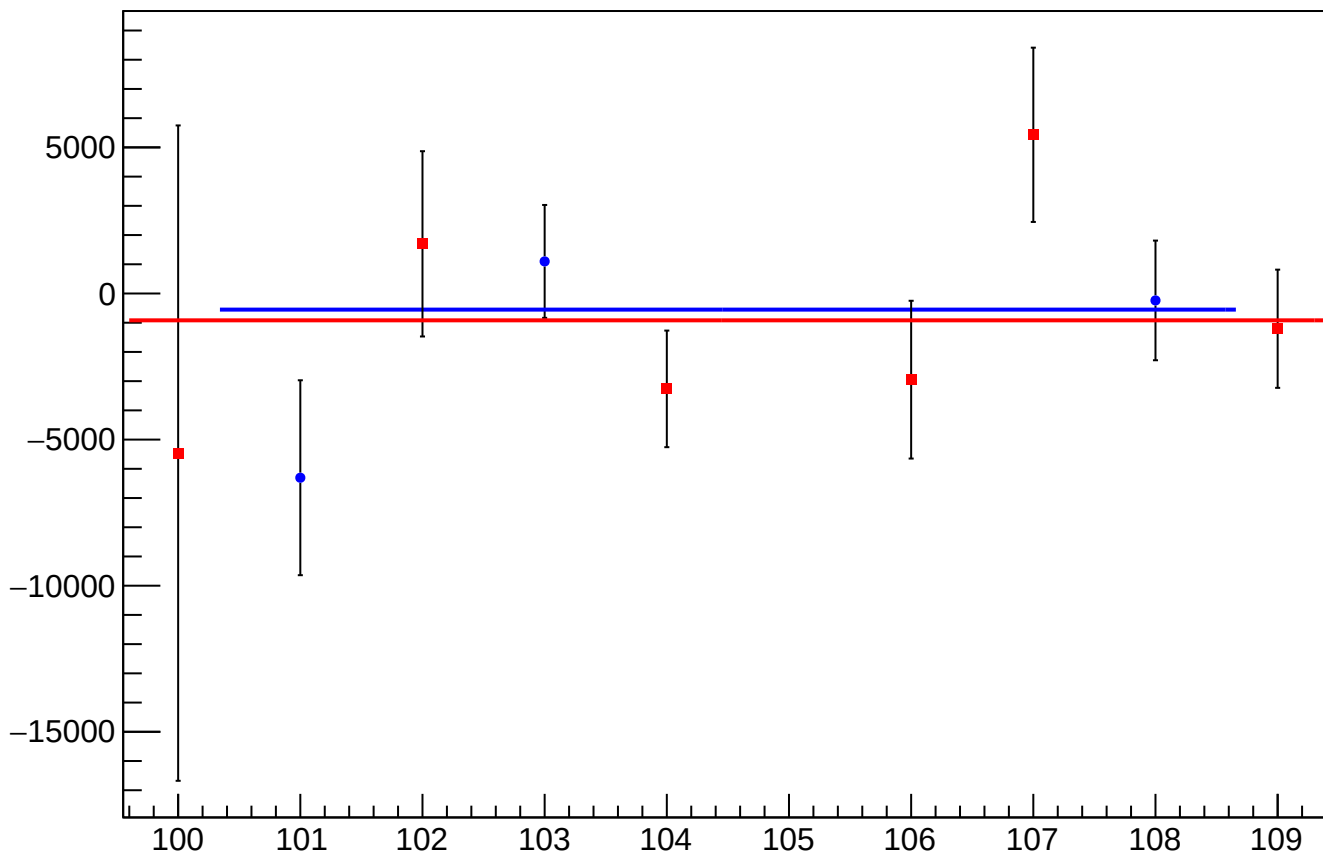
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1310.097 $\pm$ 0.500 χ^2 /NDF: 538948.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: -551.562 $\pm$ 1294.829 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -918.647 $\pm$ 1082.922 χ^2 /NDF: 7.3/5

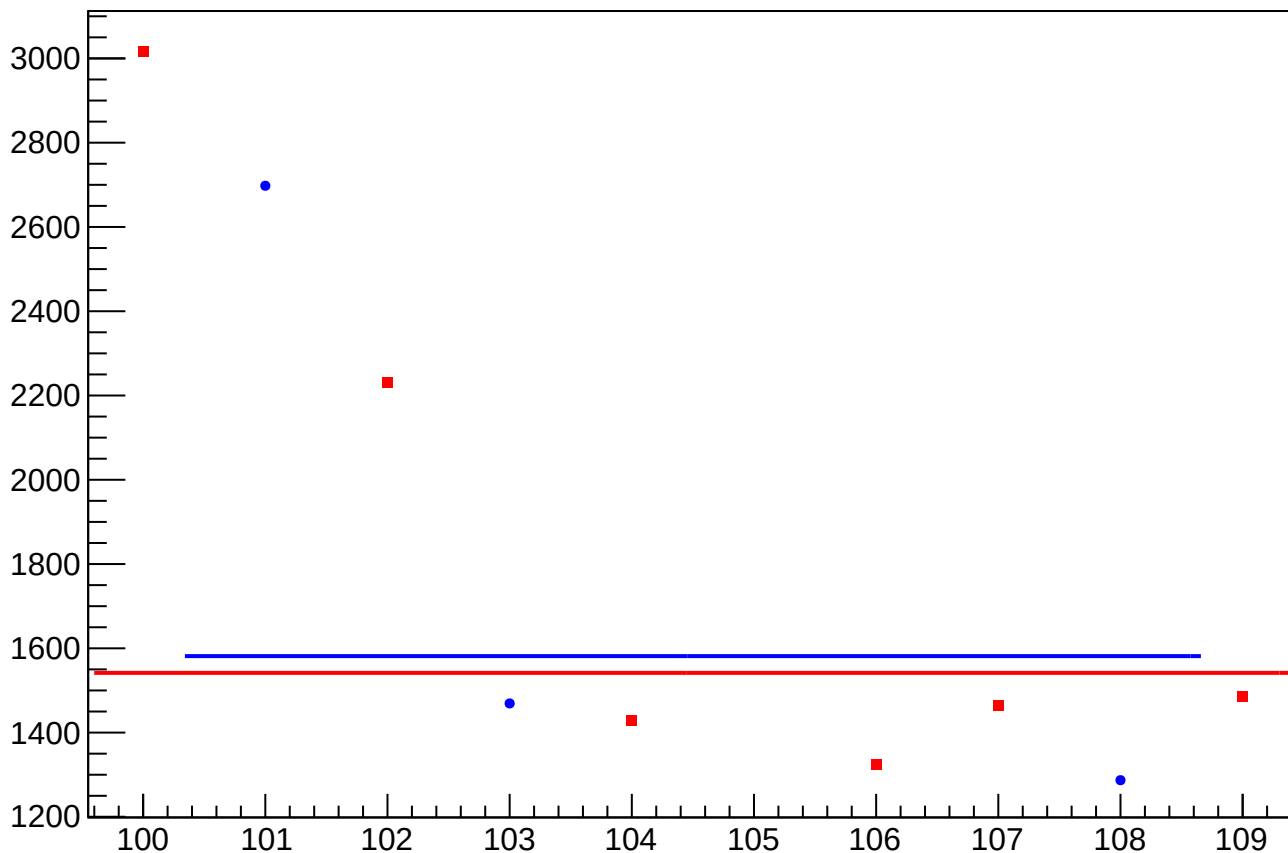
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -767.561 $\pm$ 830.692 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at2_dd_rms vs Slug



Right In: 1581.511 $\pm$ 0.916 χ^2 /NDF: 272139.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1541.756 $\pm$ 0.766 χ^2 /NDF: 150866.3/5

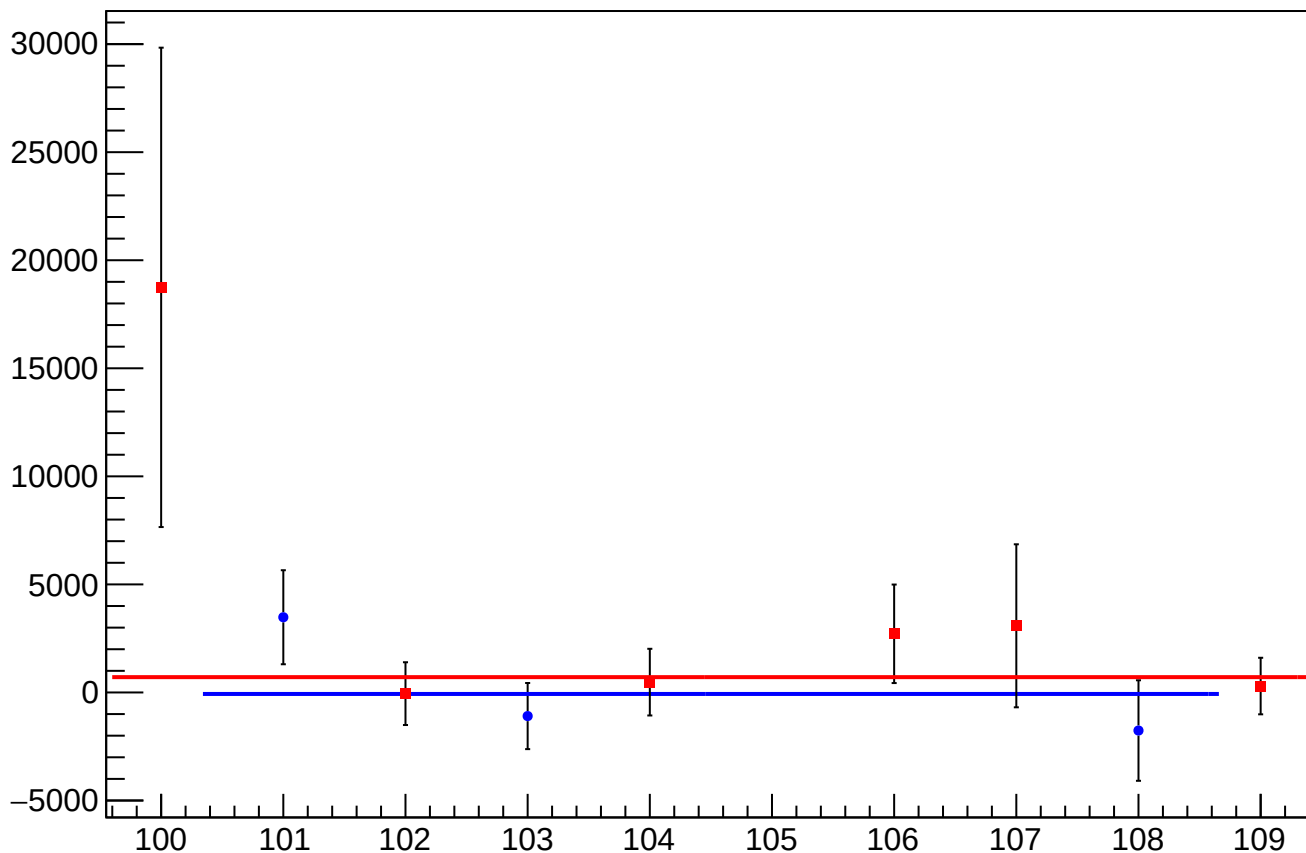
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1558.118 $\pm$ 0.587 χ^2 /NDF: 424115.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



Right In: -69.472 $\pm$ 1102.016 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 708.508 $\pm$ 756.037 χ^2 /NDF: 4.2/5

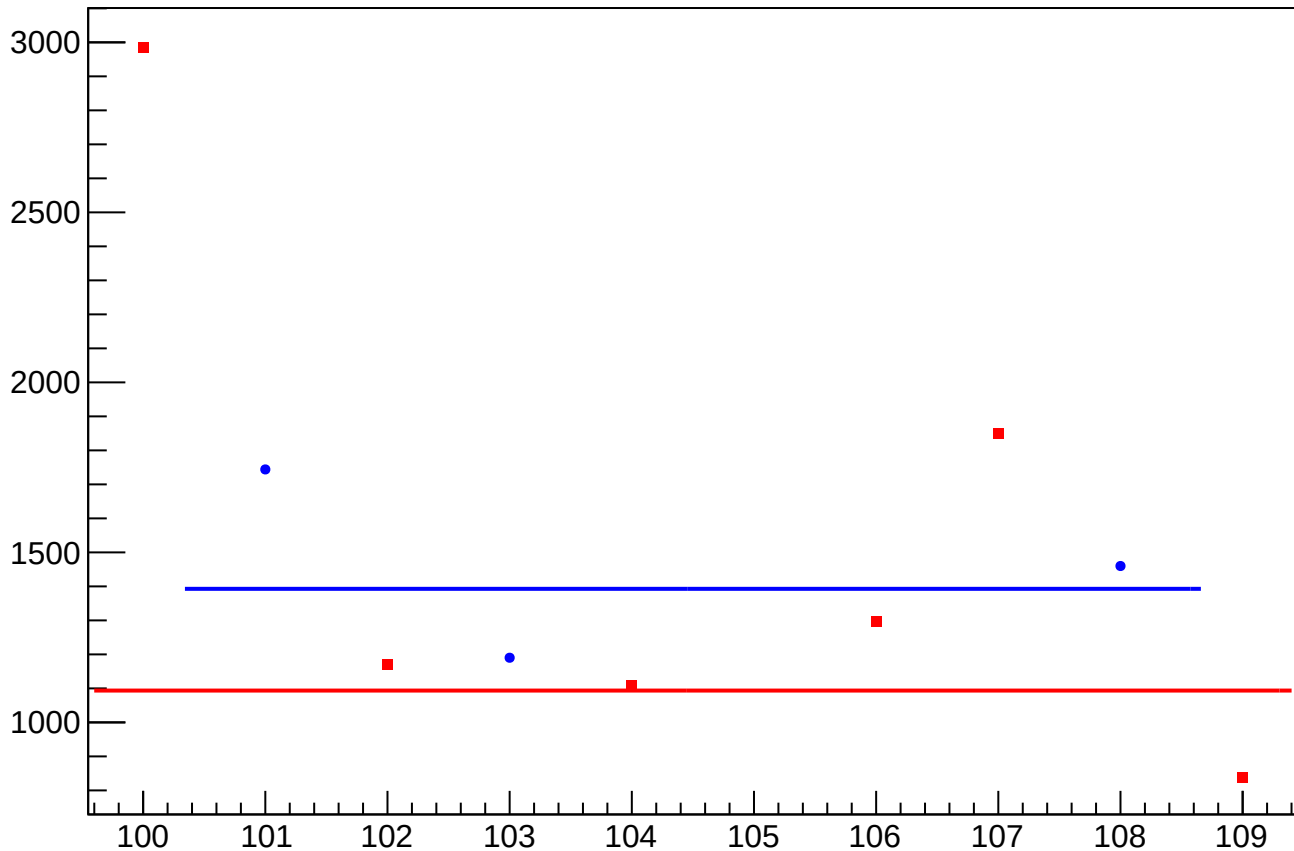
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 459.528 $\pm$ 623.428 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1392.815 $\pm$ 0.779 χ^2 /NDF: 88869.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1093.624 $\pm$ 0.535 χ^2 /NDF: 236147.7/5

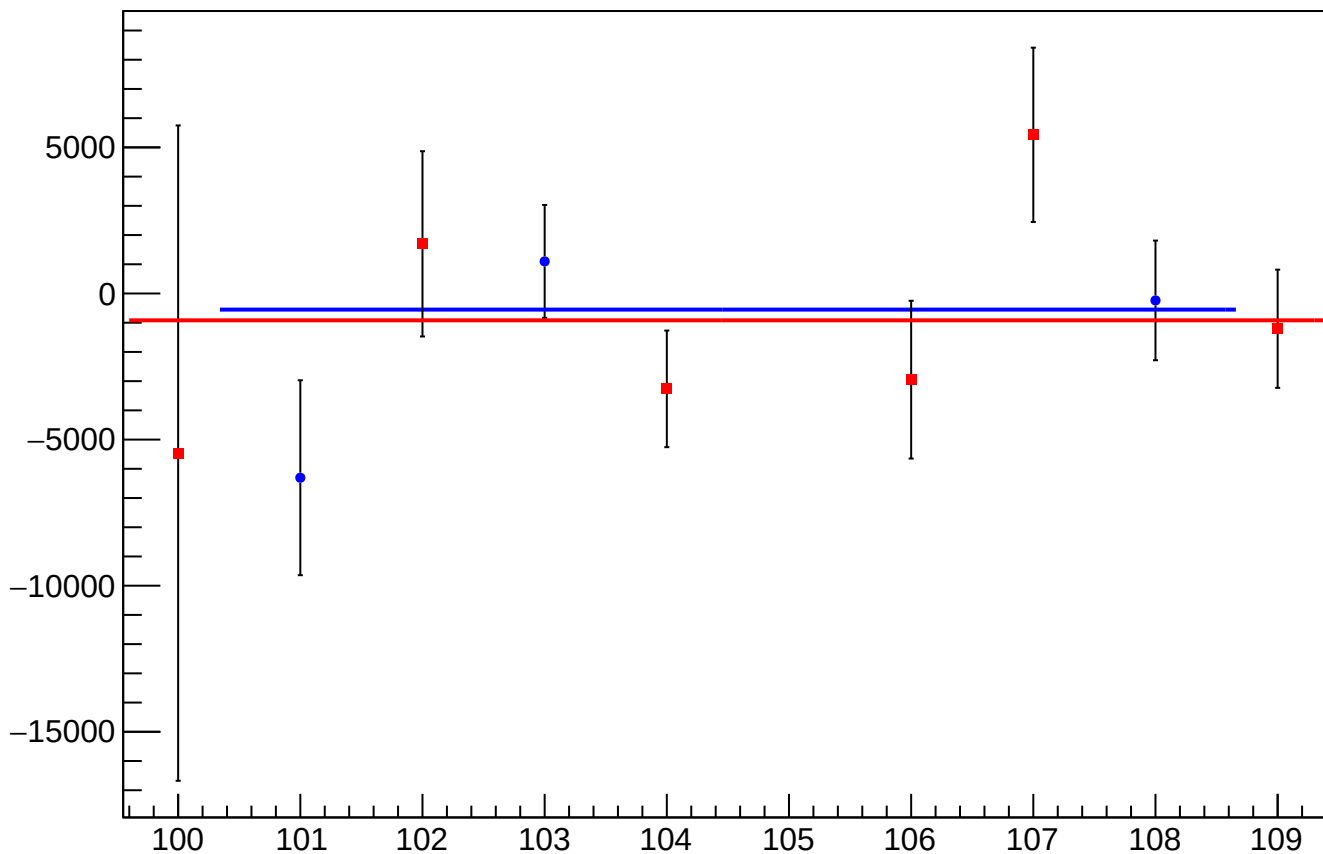
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1189.375 $\pm$ 0.441 χ^2 /NDF: 425256.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: -551.573+/-1294.829 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -918.645+/-1082.922 χ^2/NDF : 7.3/5

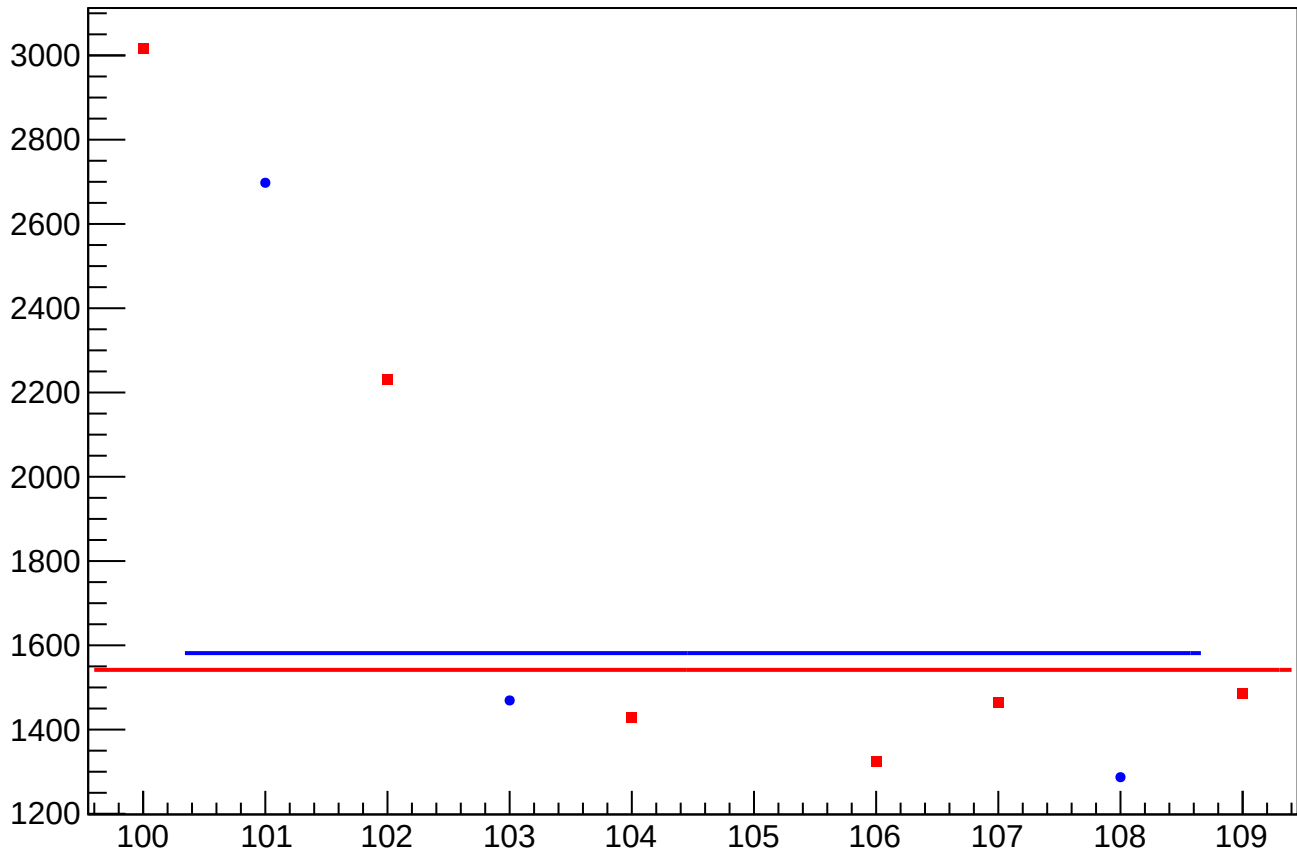
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -767.565+/-830.692 χ^2/NDF : 11.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1581.511+/-0.916 χ^2/NDF : 272139.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.756+/-0.766 χ^2/NDF : 150866.3/5

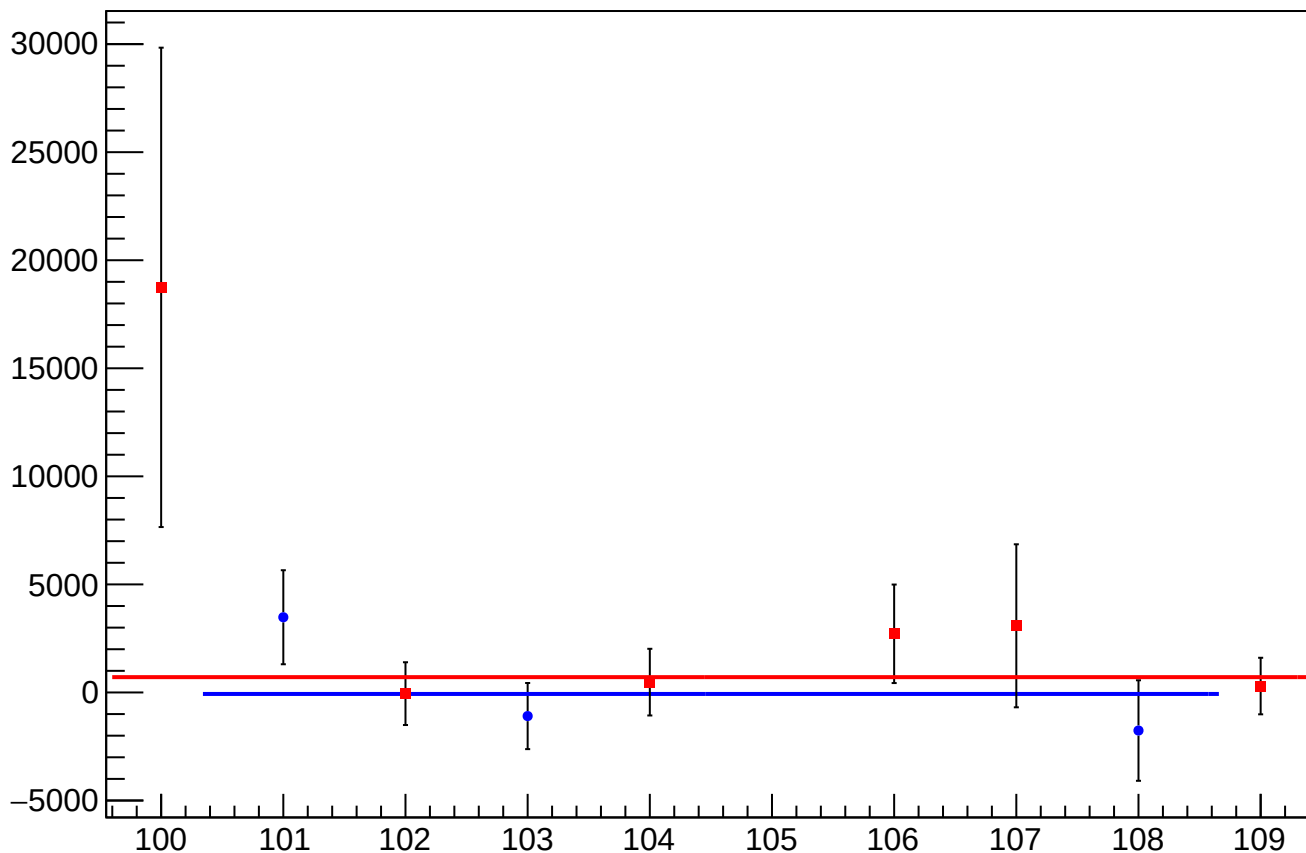
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1558.118+/-0.587 χ^2/NDF : 424115.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_correction_mean vs Slug



Right In: -69.474+/-1102.013 χ^2 /NDF: 3.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 708.510+/-756.040 χ^2 /NDF: 4.2/5

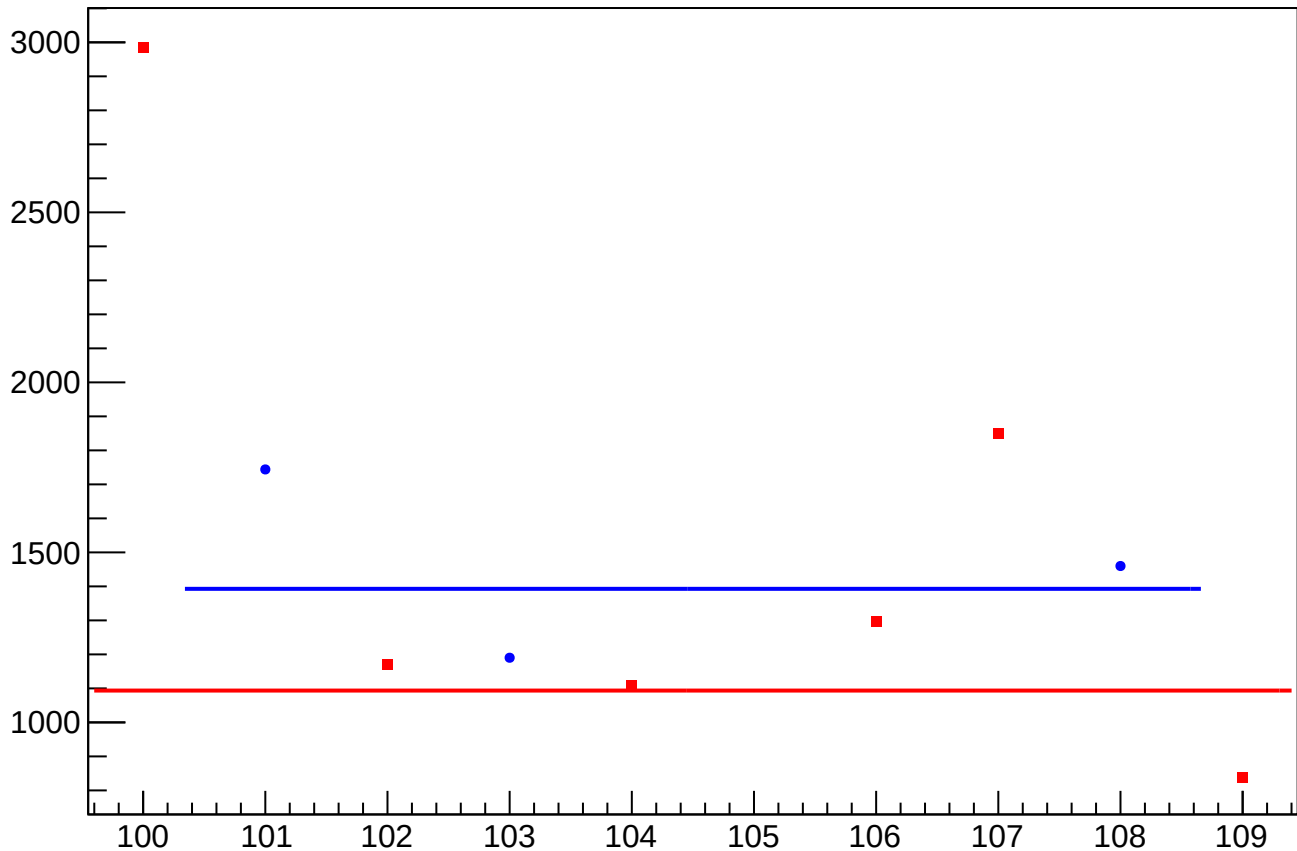
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 459.526+/-623.429 χ^2 /NDF: 8.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1392.812+/-0.779 χ^2/NDF : 88865.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1093.630+/-0.535 χ^2/NDF : 236137.8/5

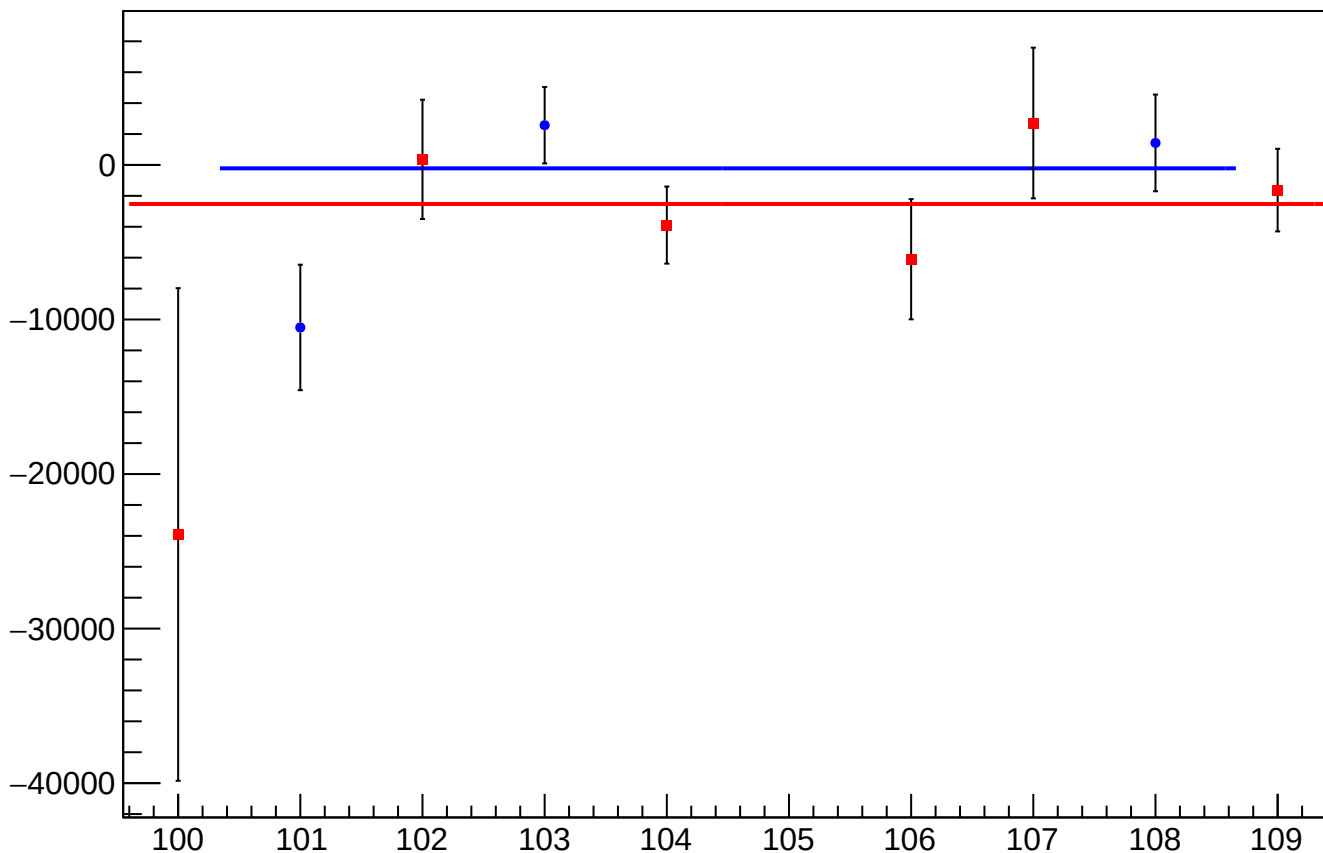
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1189.379+/-0.441 χ^2/NDF : 425236.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: -220.025+/-1750.343 χ^2/NDF : 8.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2526.166+/-1443.498 χ^2/NDF : 4.8/5

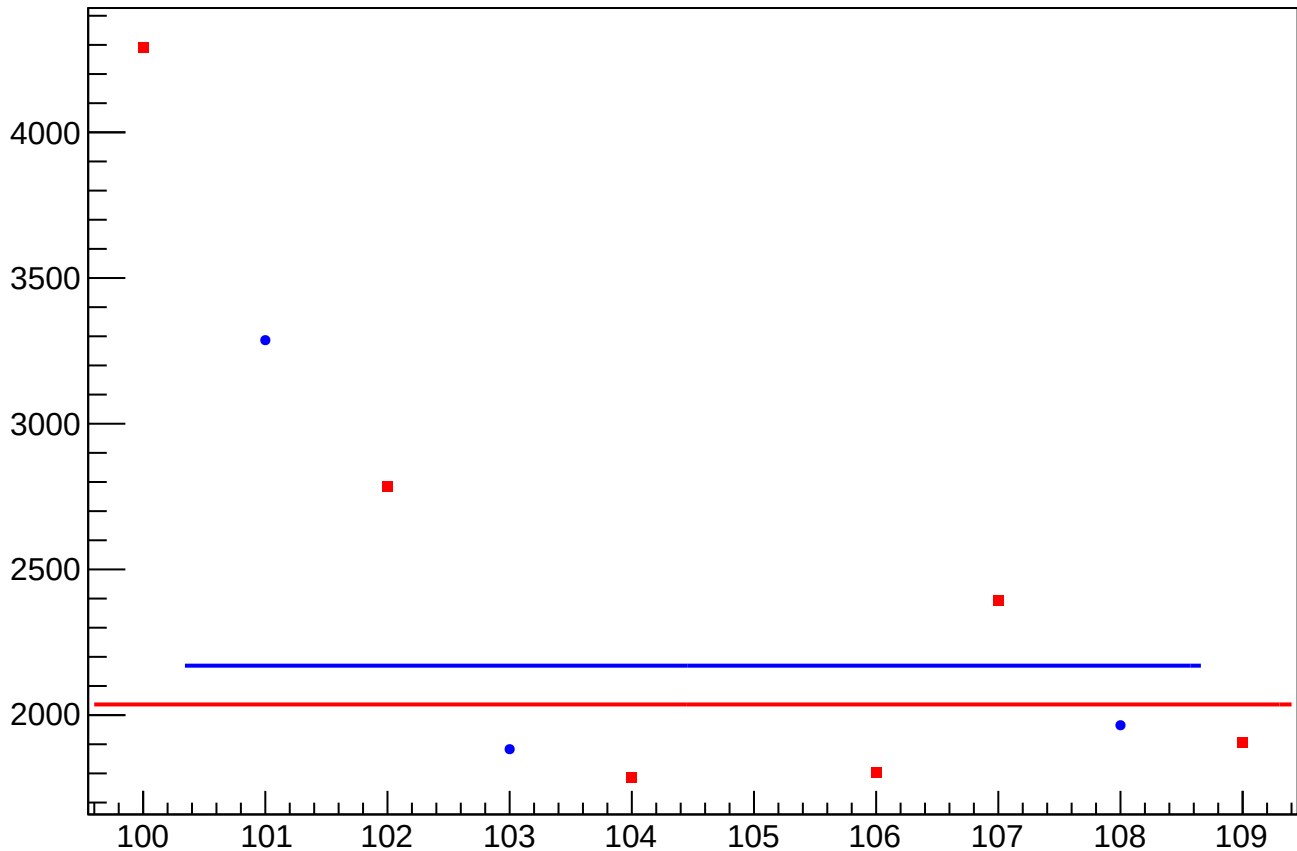
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1592.630+/-1113.643 χ^2/NDF : 13.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2169.727 $\pm$ 1.238 χ^2 /NDF: 186791.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2036.627 $\pm$ 1.021 χ^2 /NDF: 157595.9/5

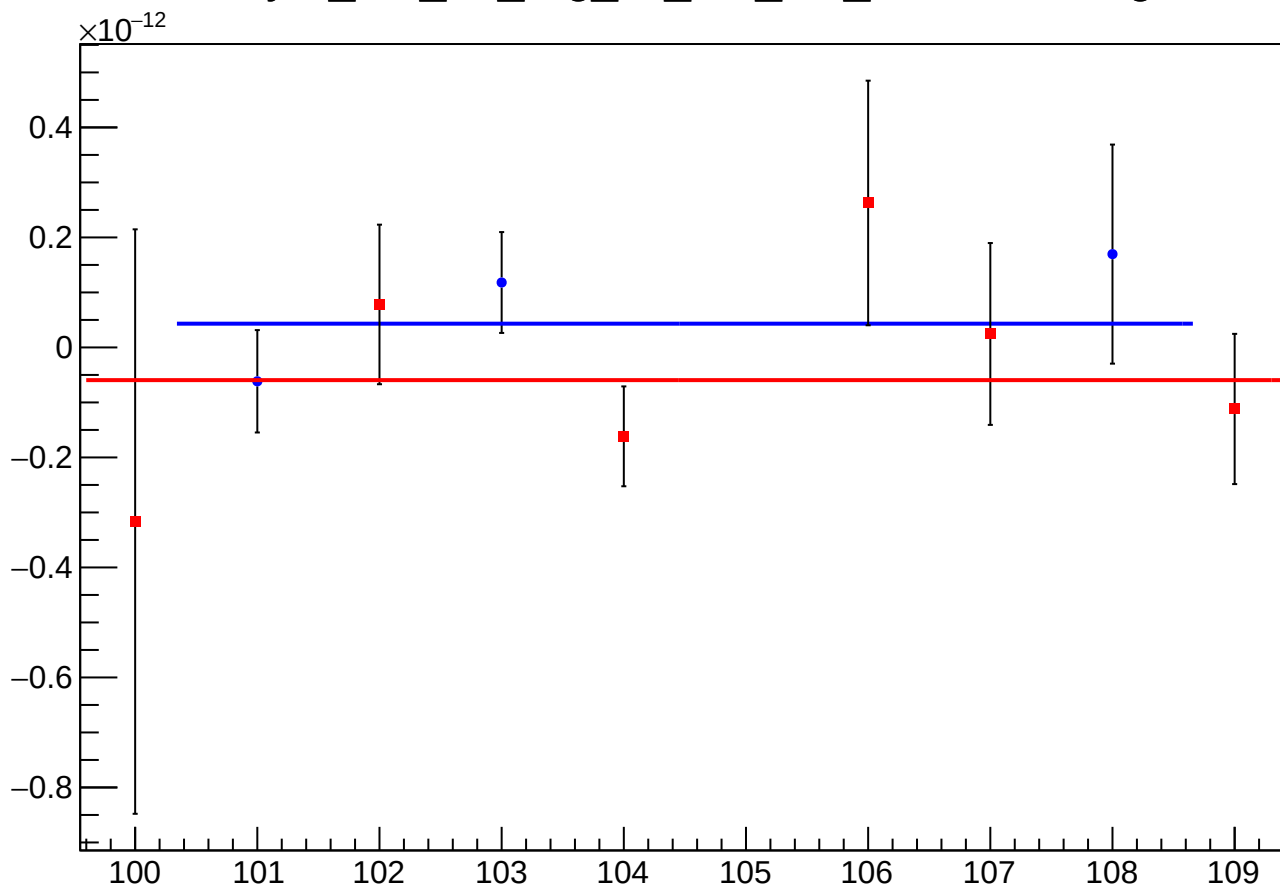
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2090.506 $\pm$ 0.787 χ^2 /NDF: 351270.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.9/5

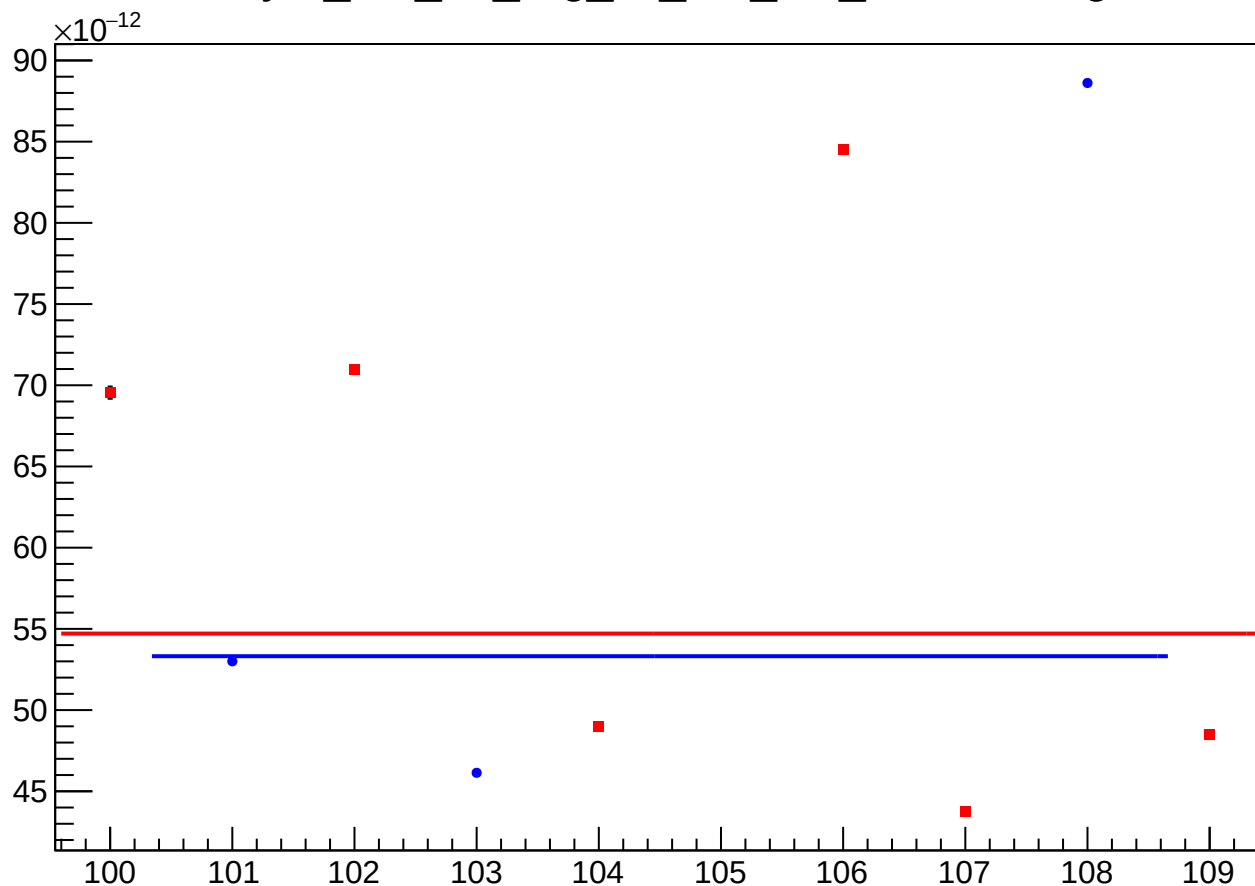
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 75110.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 83474.5/5

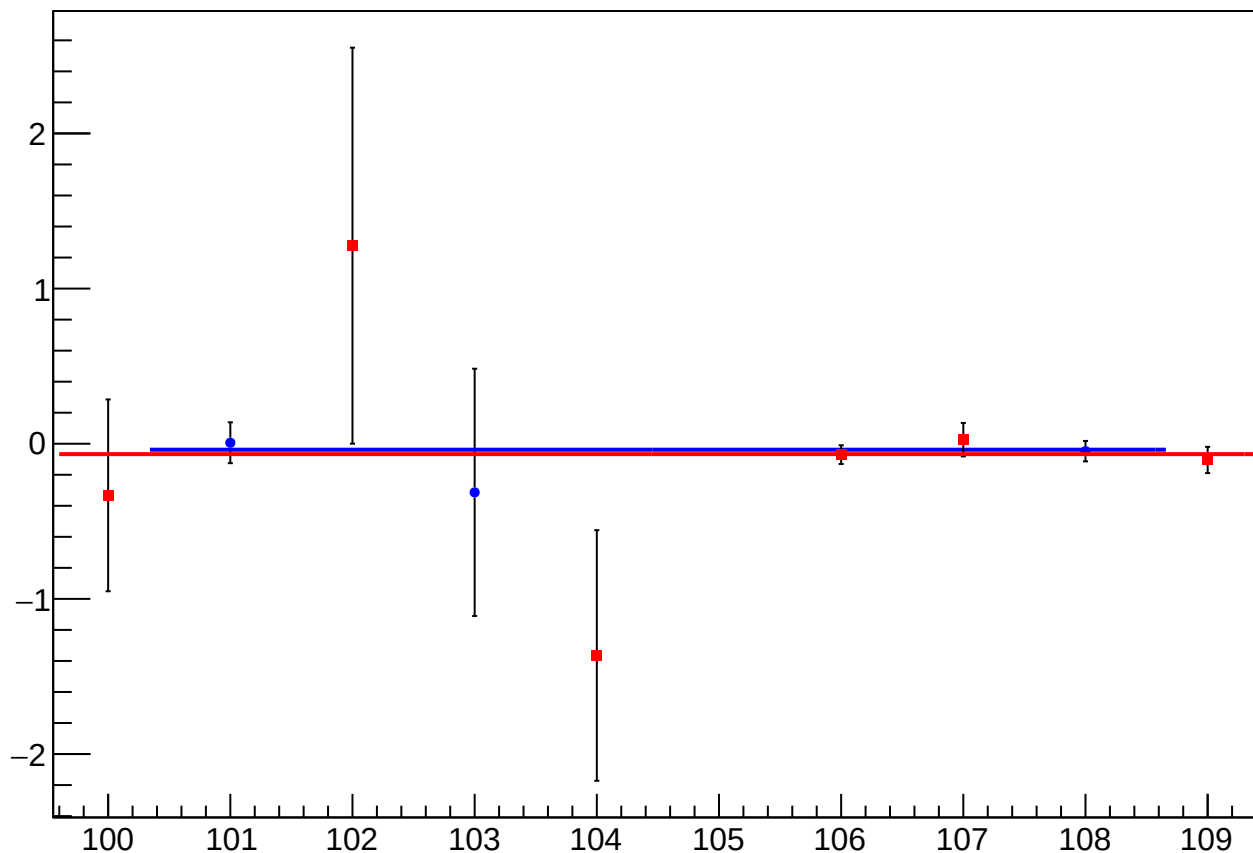
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 159110.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.038 $\pm$ 0.059 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.067 $\pm$ 0.044 χ^2 /NDF: 4.8/5

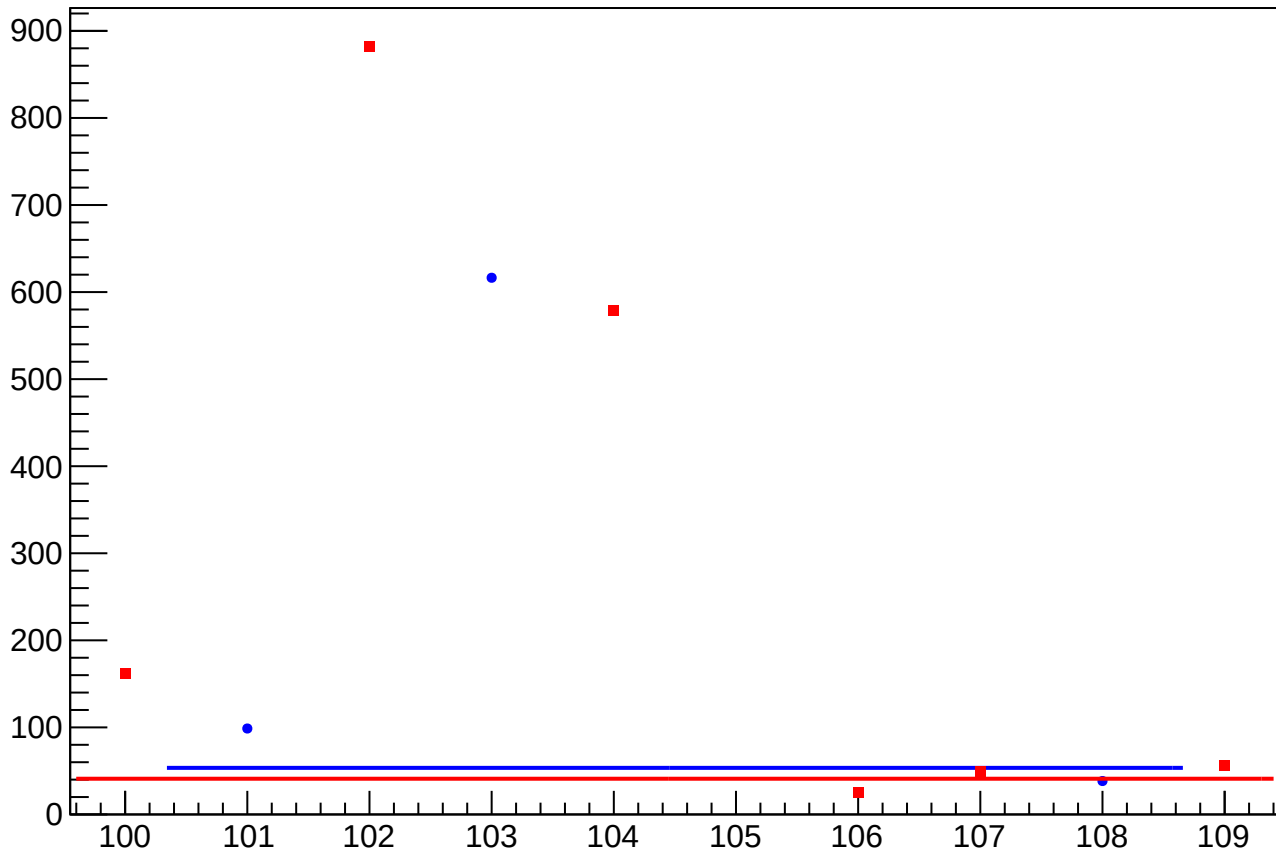
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.057 $\pm$ 0.035 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 53.522 $\pm$ 0.042 χ^2 /NDF: 1338404.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.036 $\pm$ 0.031 χ^2 /NDF: 2048955.1/5

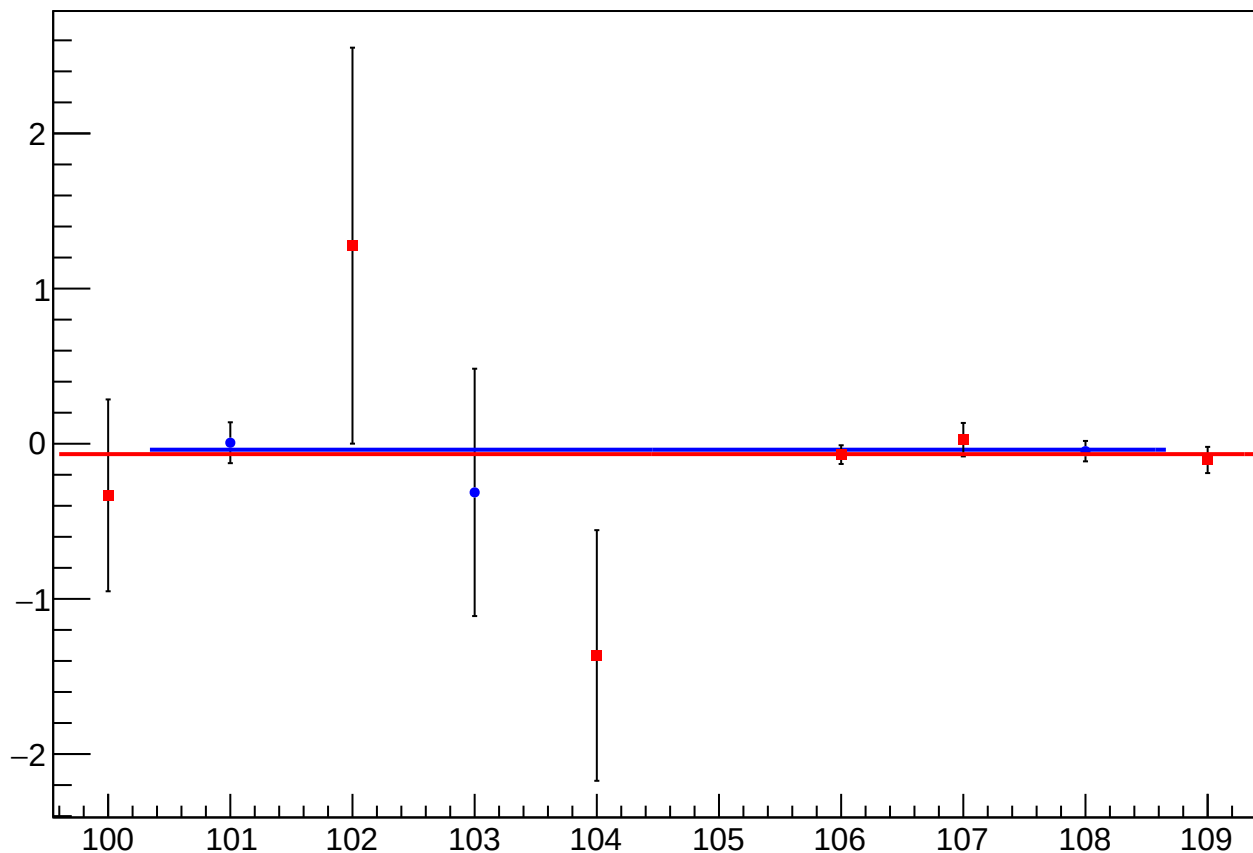
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.585 $\pm$ 0.025 χ^2 /NDF: 3444841.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.038 $\pm$ 0.059 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.067 $\pm$ 0.044 χ^2 /NDF: 4.8/5

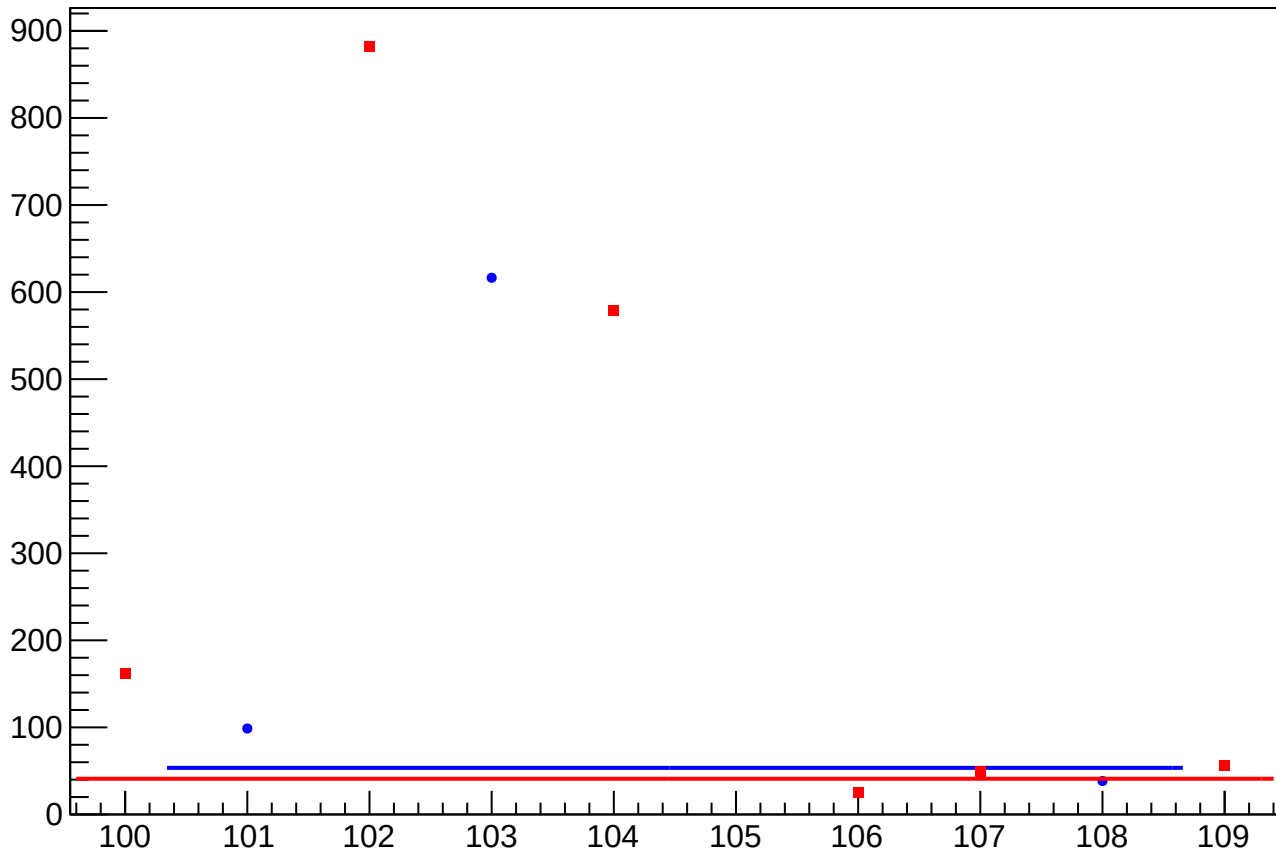
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.057 $\pm$ 0.035 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.522+/-0.042 χ^2/NDF : 1338404.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.036+/-0.031 χ^2/NDF : 2048955.1/5

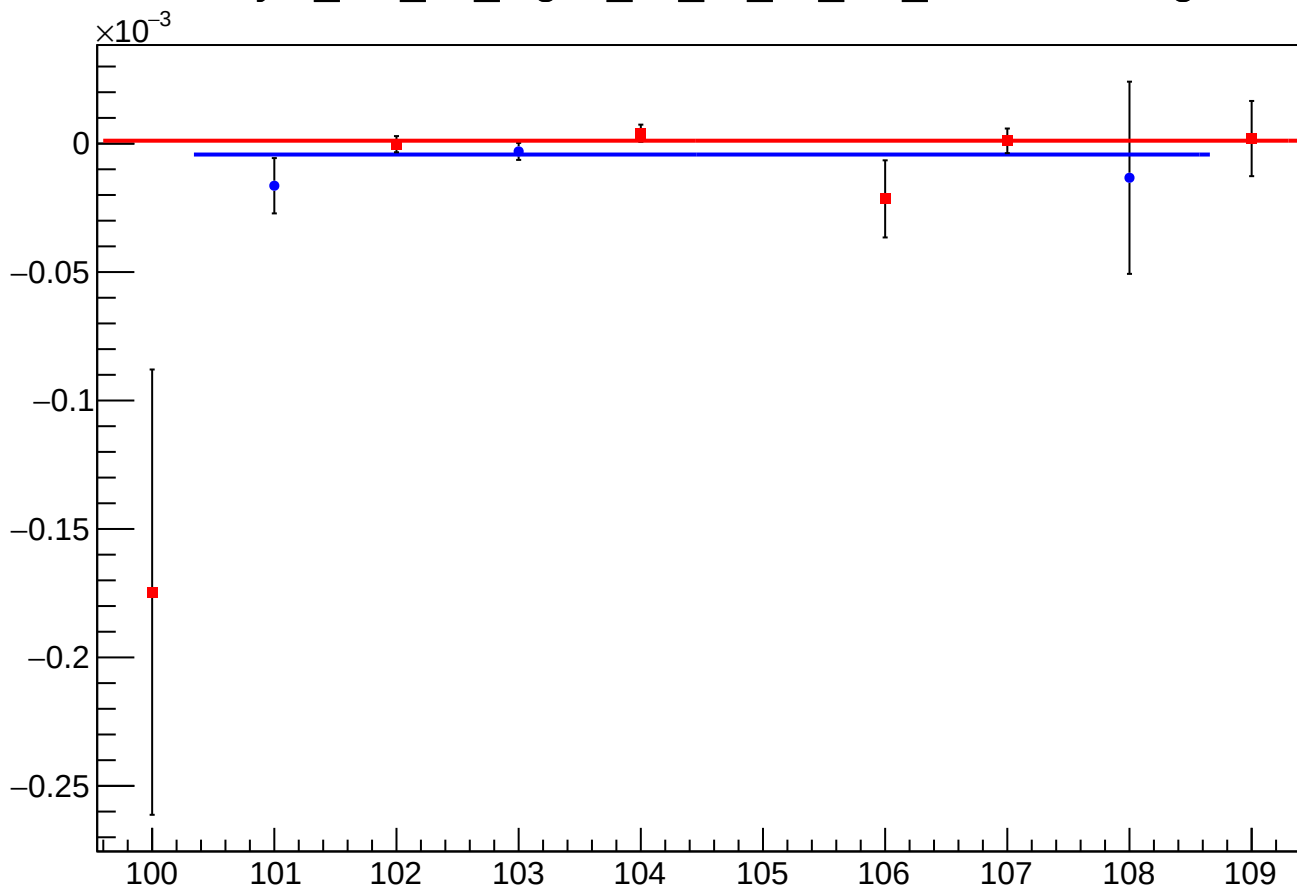
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.585+/-0.025 χ^2/NDF : 3444841.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.3/5

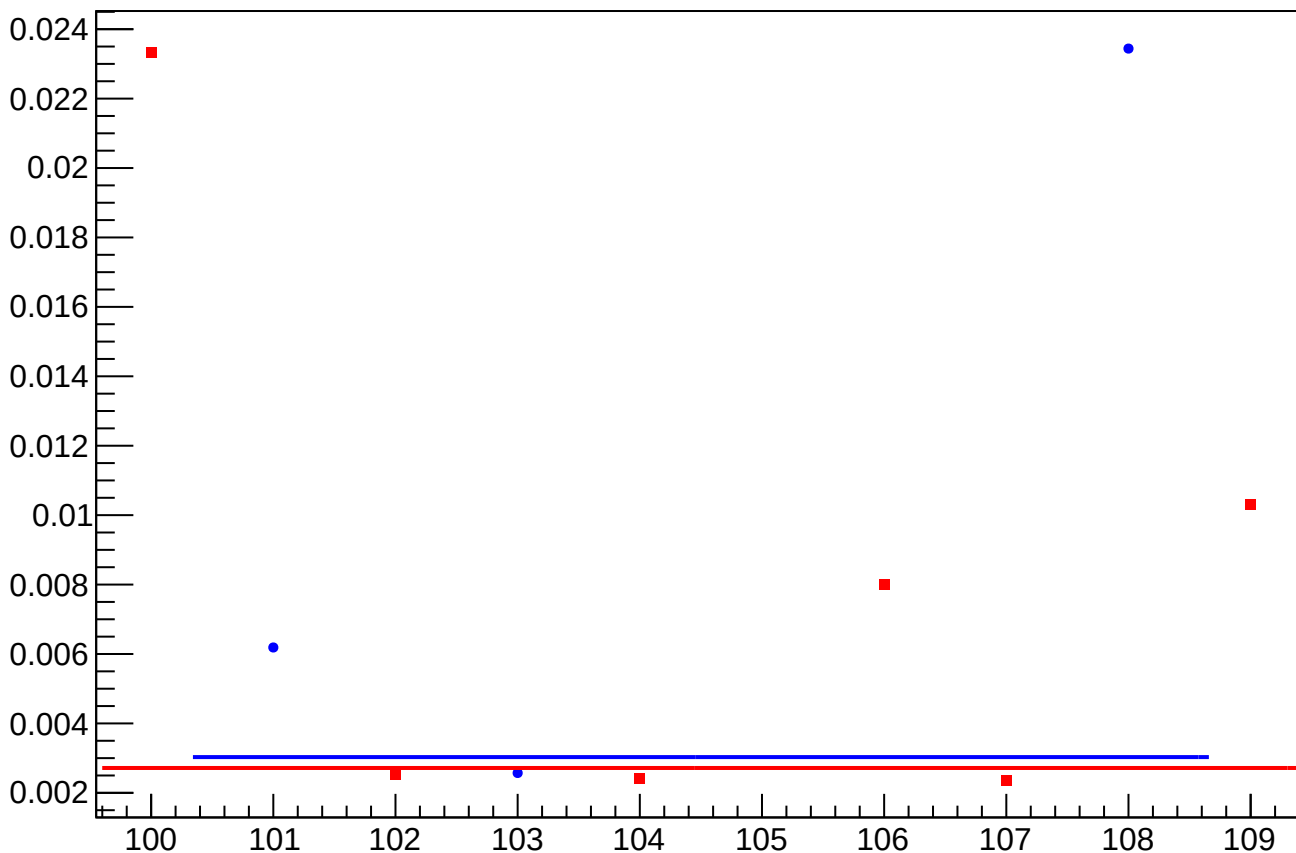
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 805841.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 933631.5/5

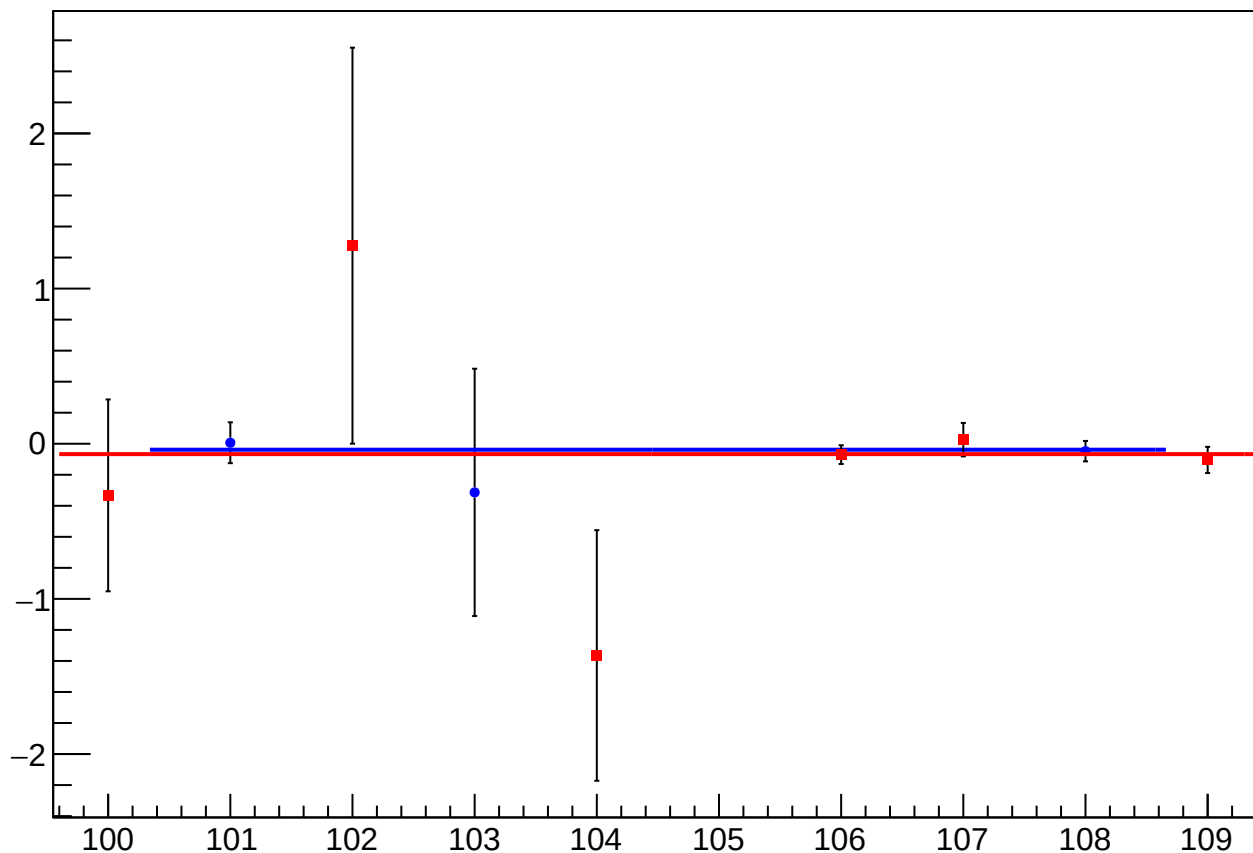
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1753490.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.038 $\pm$ 0.059 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.067 $\pm$ 0.044 χ^2 /NDF: 4.8/5

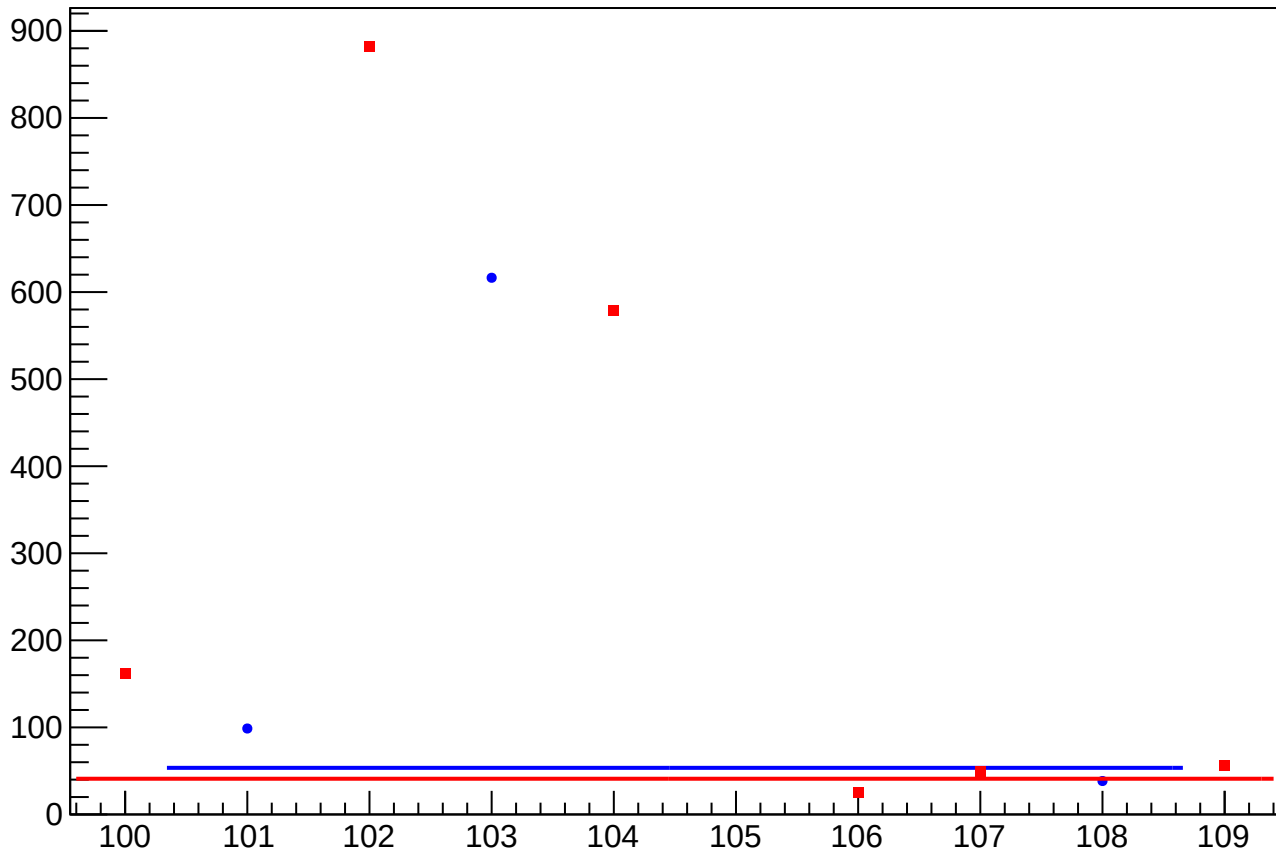
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.057 $\pm$ 0.035 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 53.546+/-0.042 χ^2/NDF : 1338091.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.026+/-0.031 χ^2/NDF : 2049177.2/5

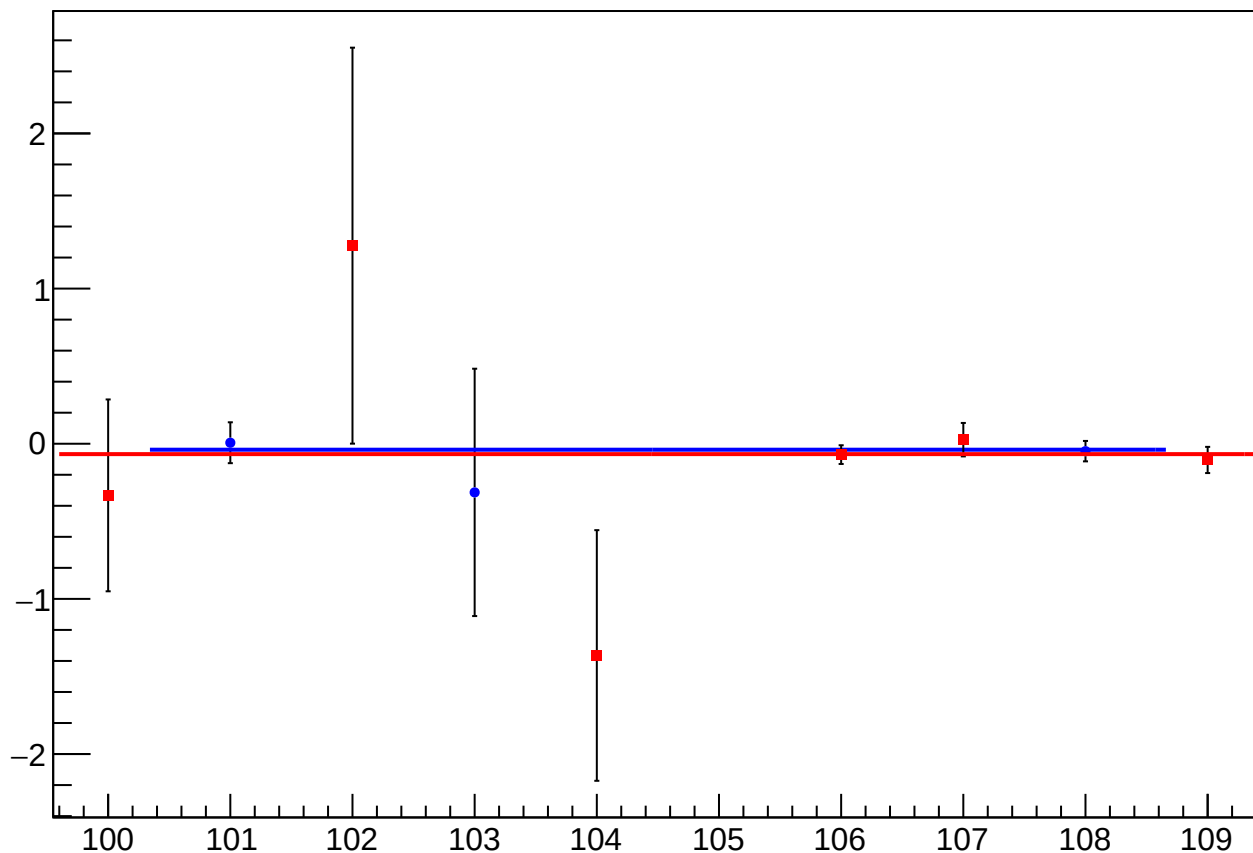
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.586+/-0.025 χ^2/NDF : 3445047.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.038 $\pm$ 0.059 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.067 $\pm$ 0.044 χ^2 /NDF: 4.8/5

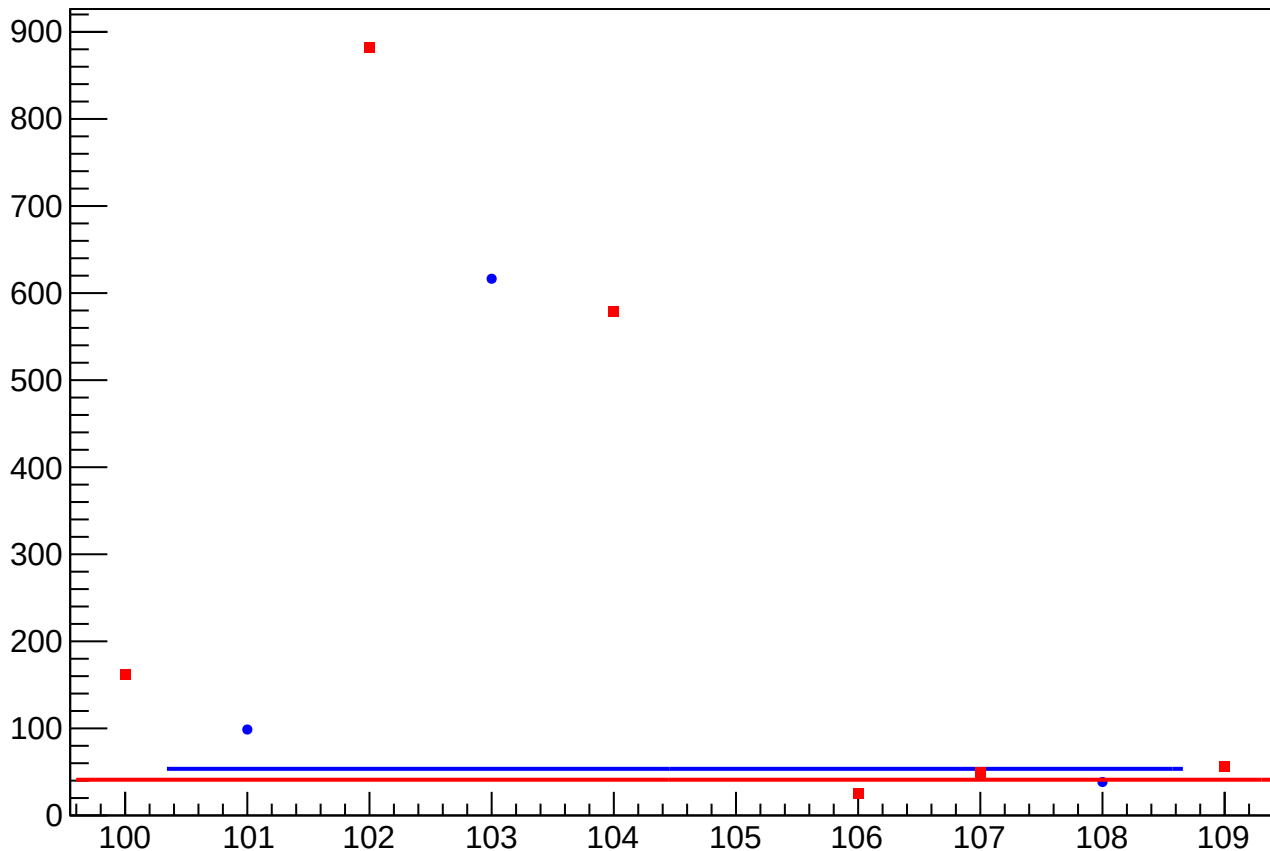
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.057 $\pm$ 0.035 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.546+/-0.042 χ^2/NDF : 1338091.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.026+/-0.031 χ^2/NDF : 2049177.2/5

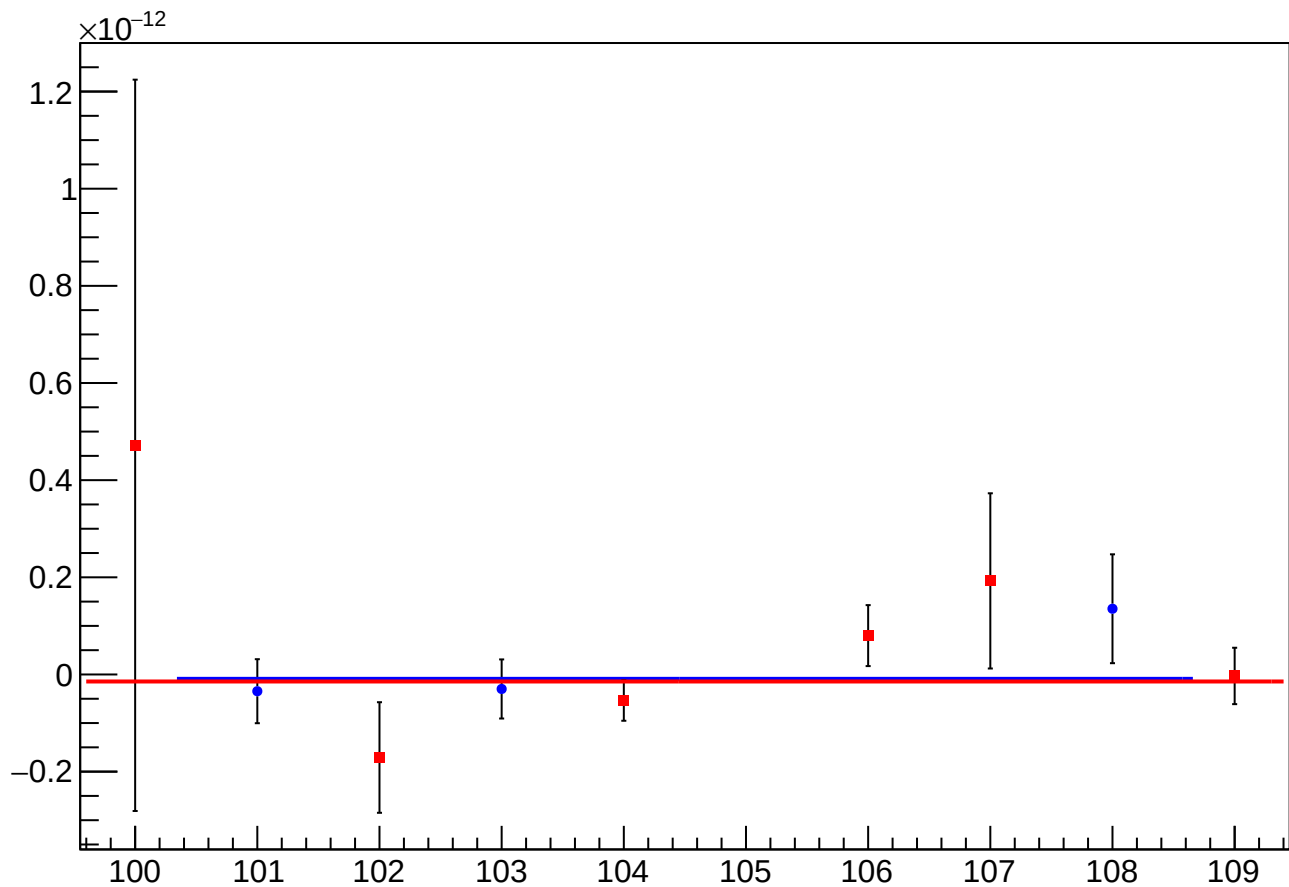
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.586+/-0.025 χ^2/NDF : 3445047.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/5

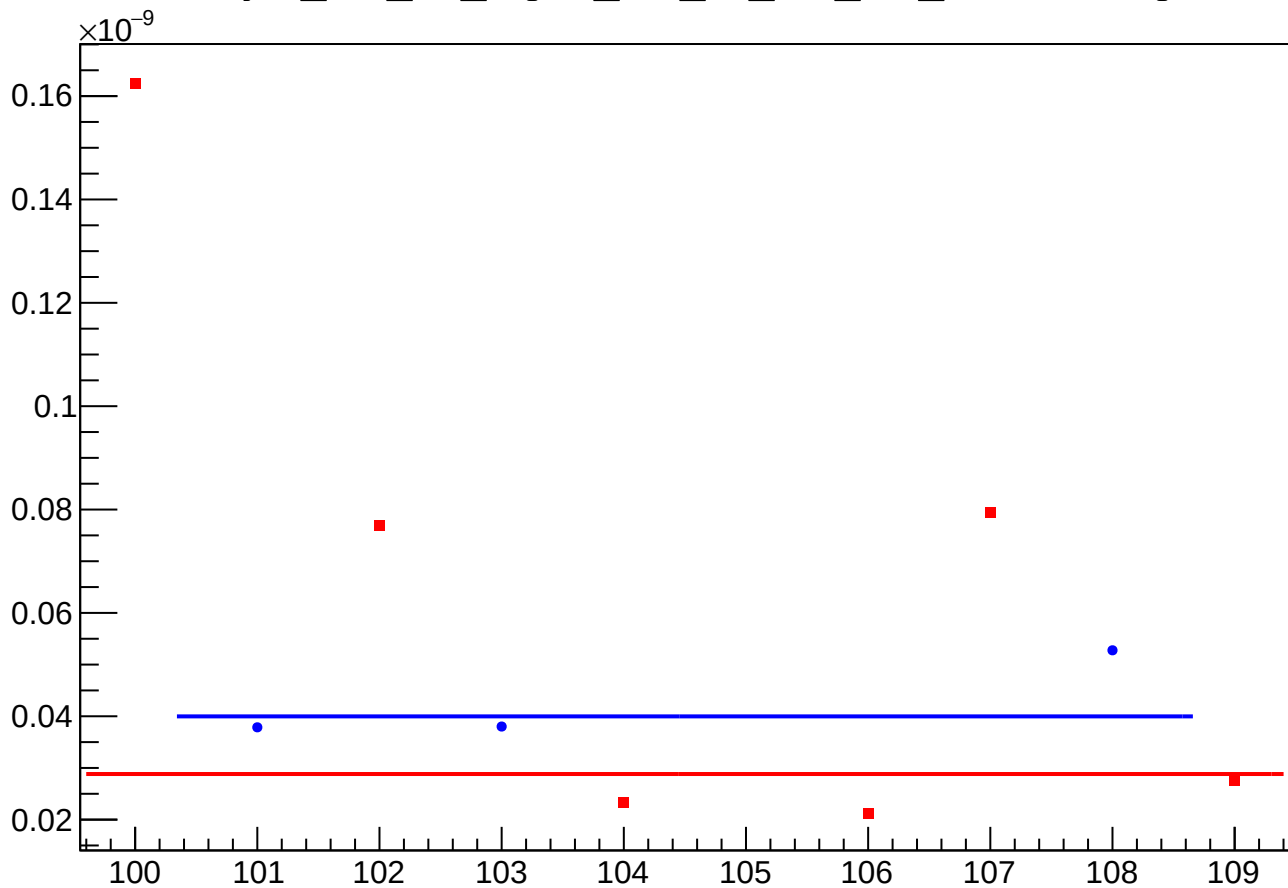
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 30193.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 642958.3/5

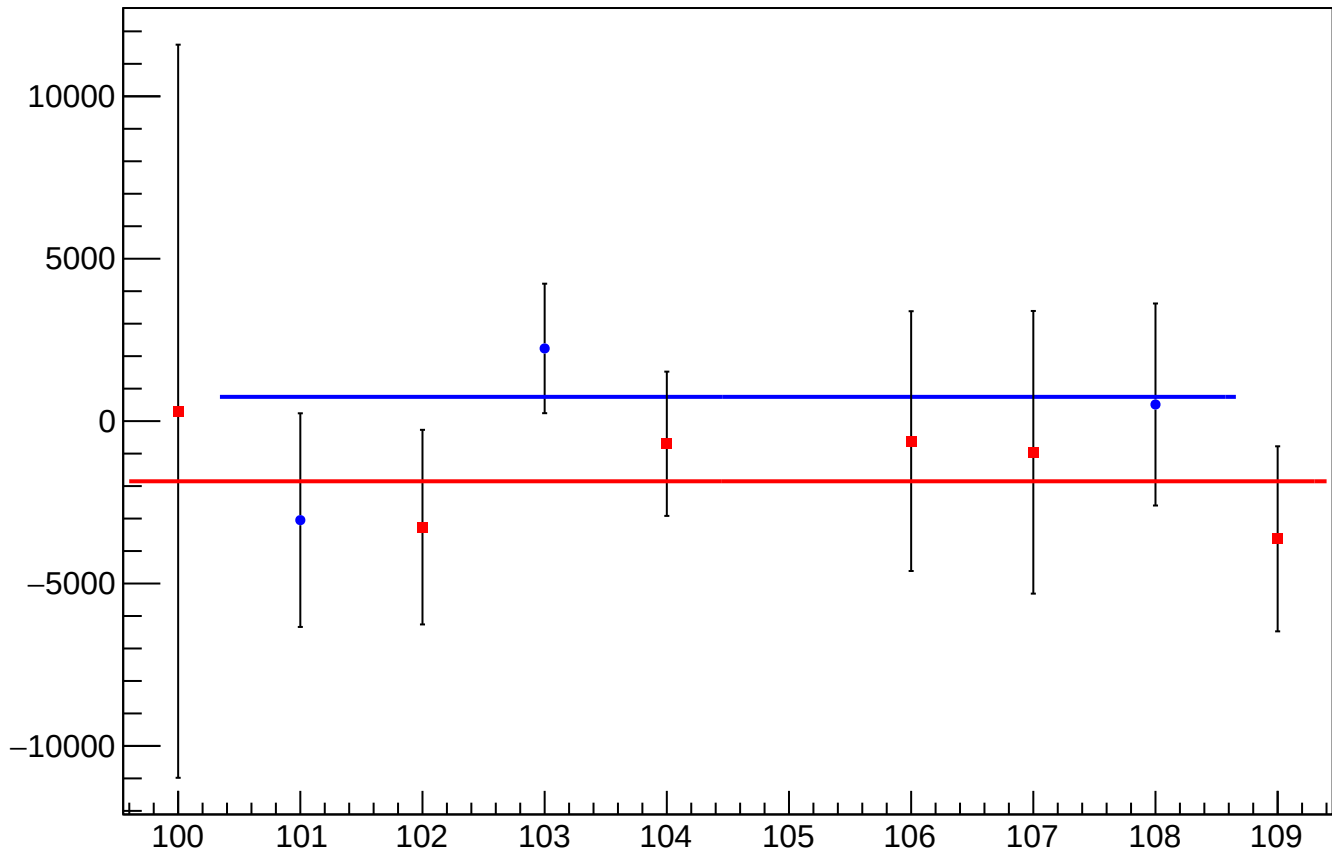
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 771356.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 746.975 $\pm$ 1494.885 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1852.345 $\pm$ 1335.607 χ^2 /NDF: 1.1/5

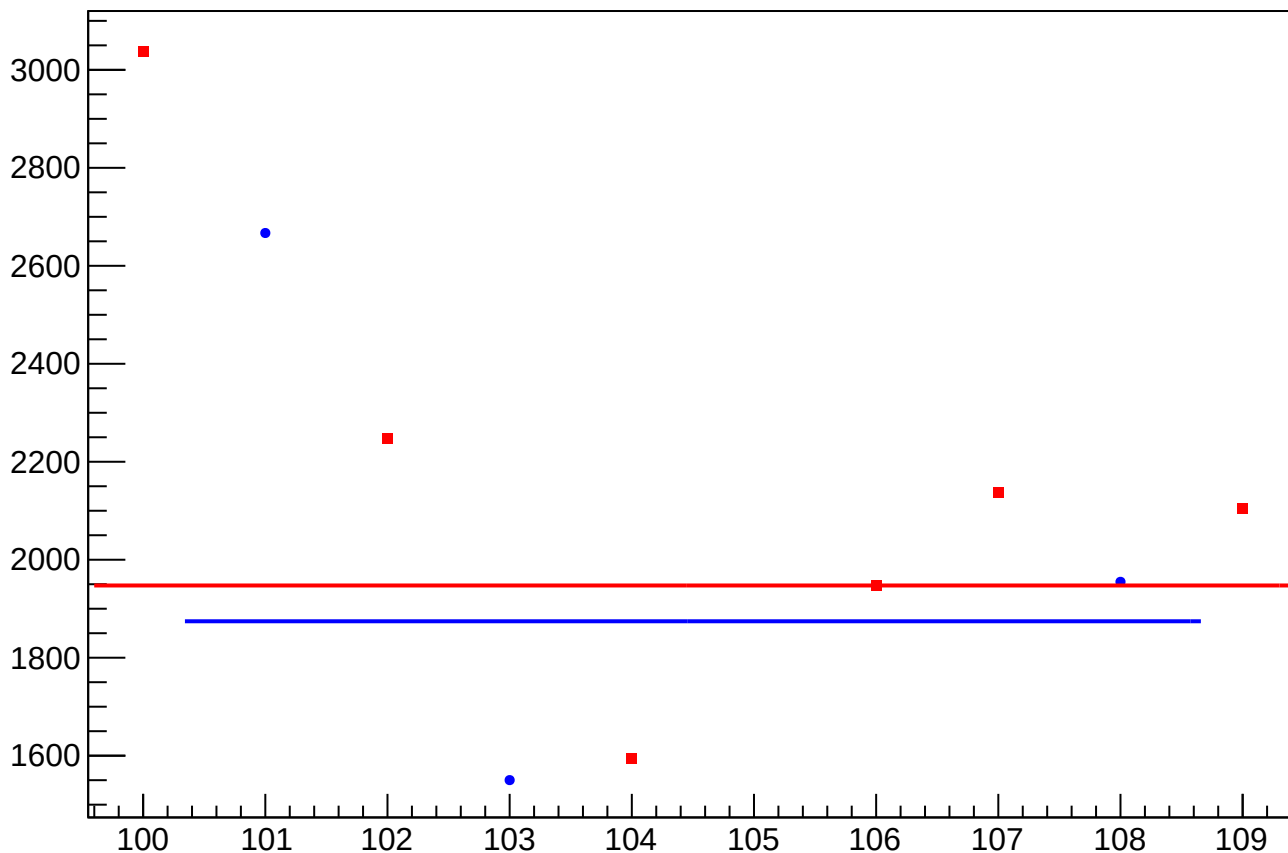
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -698.492 $\pm$ 995.986 χ^2 /NDF: 4.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1874.384+/-1.057 χ^2/NDF : 170396.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1947.447+/-0.937 χ^2/NDF : 98889.4/5

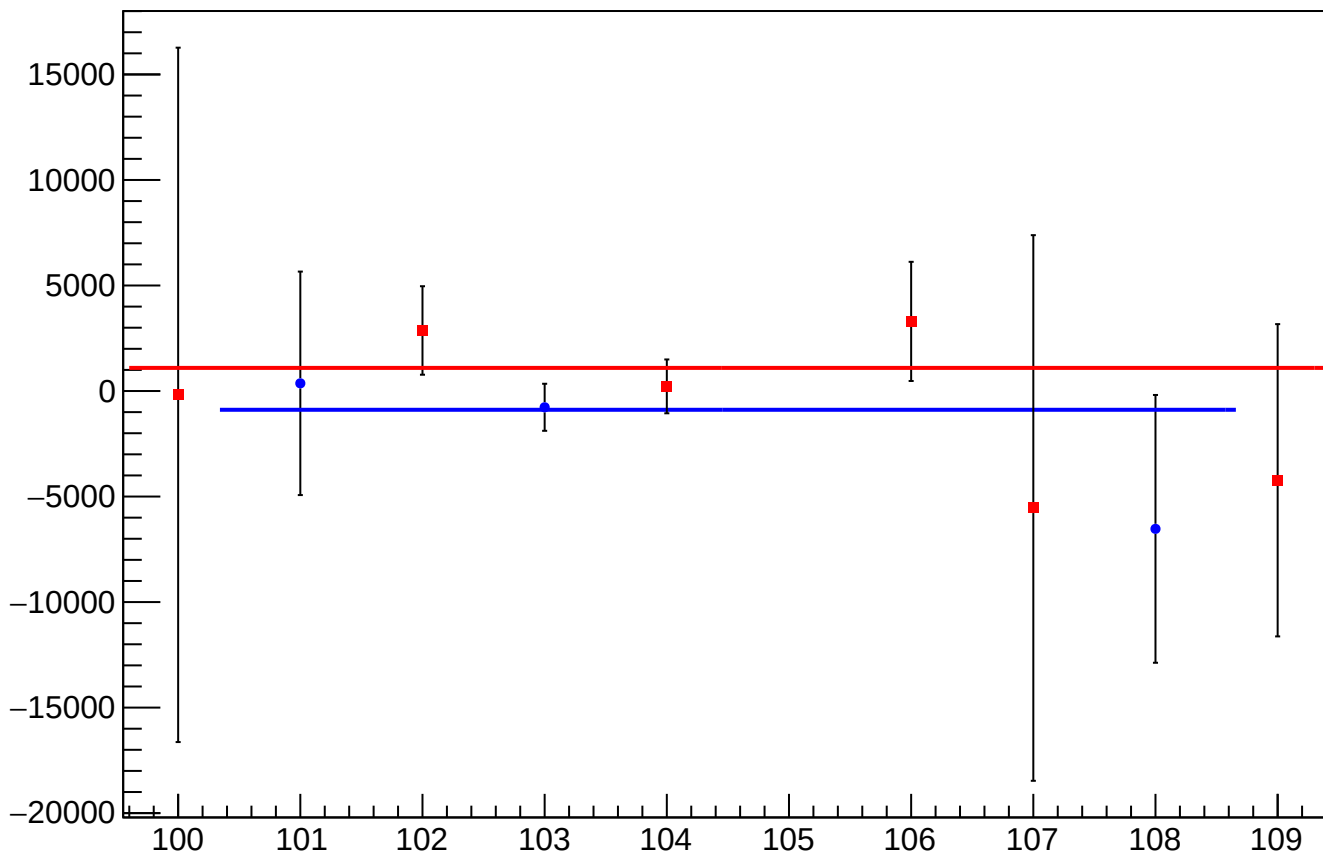
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1915.311+/-0.701 χ^2/NDF : 271961.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -889.086+/-1074.736 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1095.665+/-1002.210 χ^2/NDF : 2.6/5

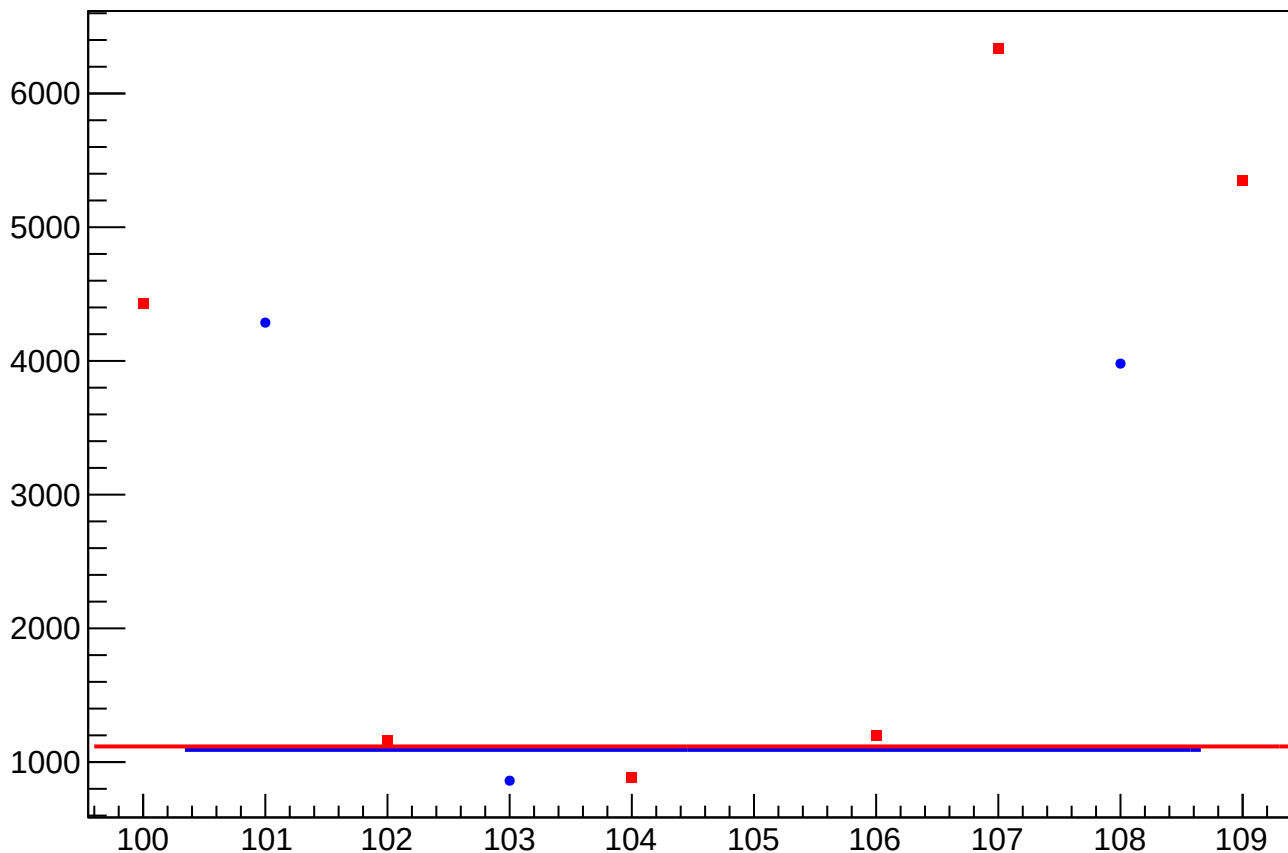
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.512+/-732.969 χ^2/NDF : 5.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1091.543+/-0.760 χ^2/NDF : 1228597.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1116.984+/-0.709 χ^2/NDF : 1129002.4/5

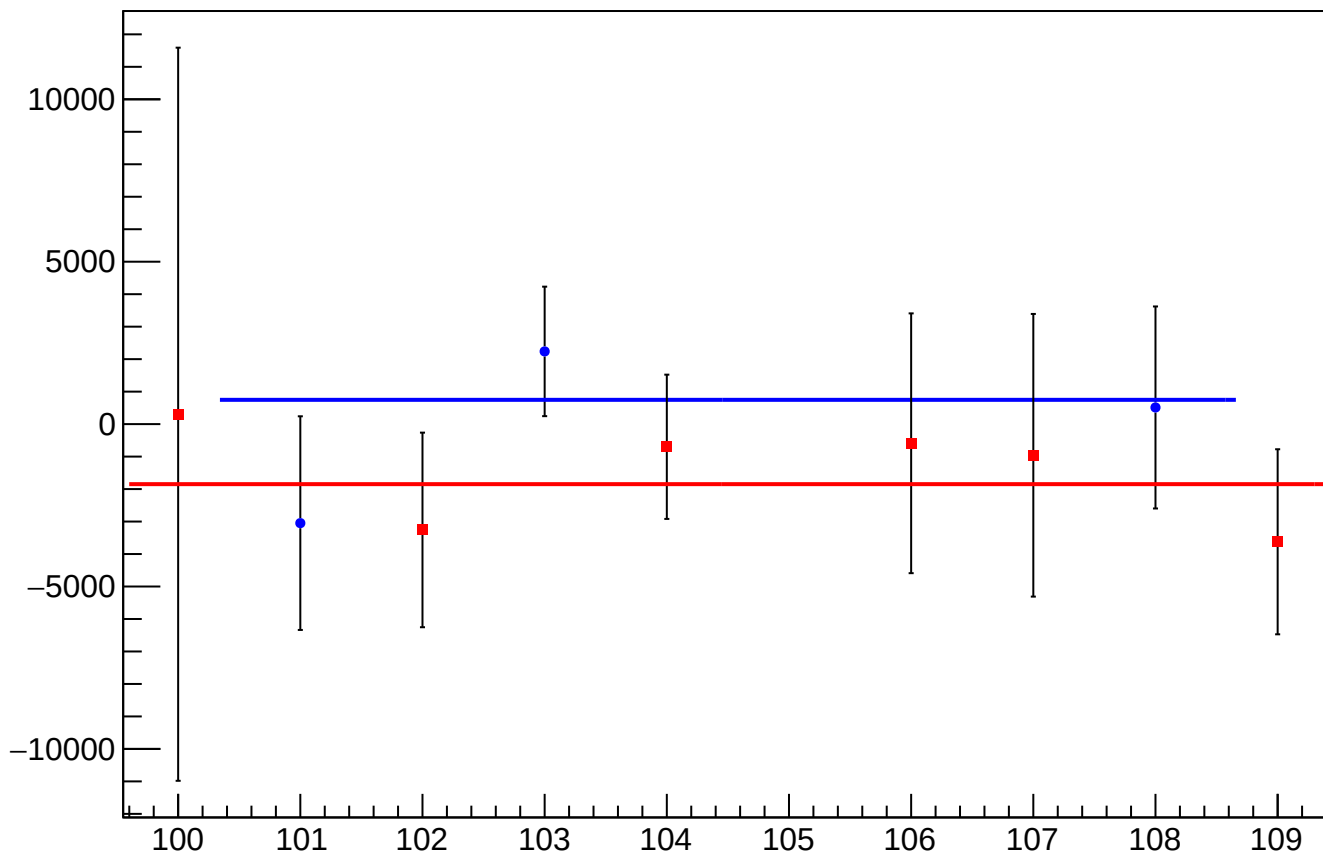
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.151+/-0.518 χ^2/NDF : 2358199.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 747.350+/-1494.885 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1848.473+/-1335.614 χ^2/NDF : 1.1/5

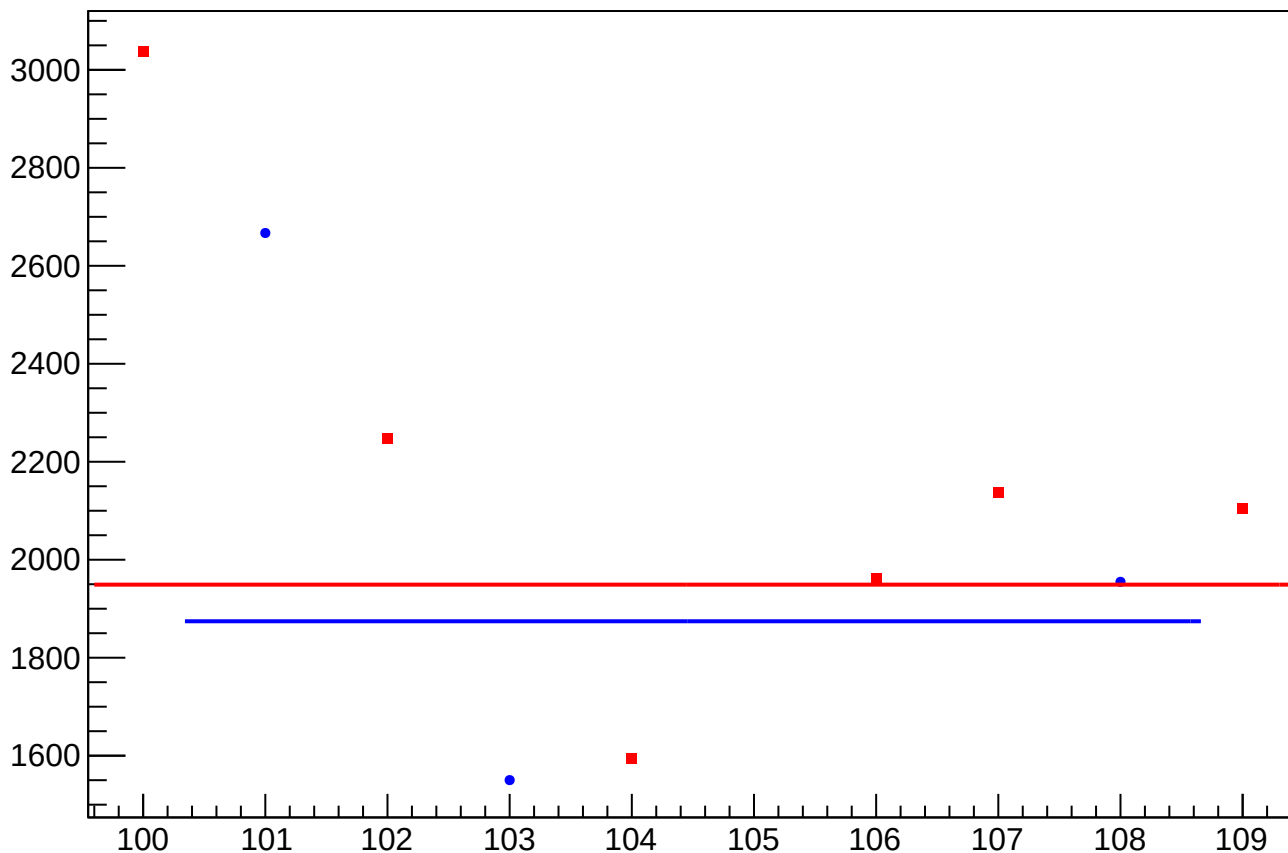
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -696.167+/-995.988 χ^2/NDF : 4.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1874.384+/-1.057 χ^2/NDF : 170395.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.155+/-0.937 χ^2/NDF : 98916.4/5

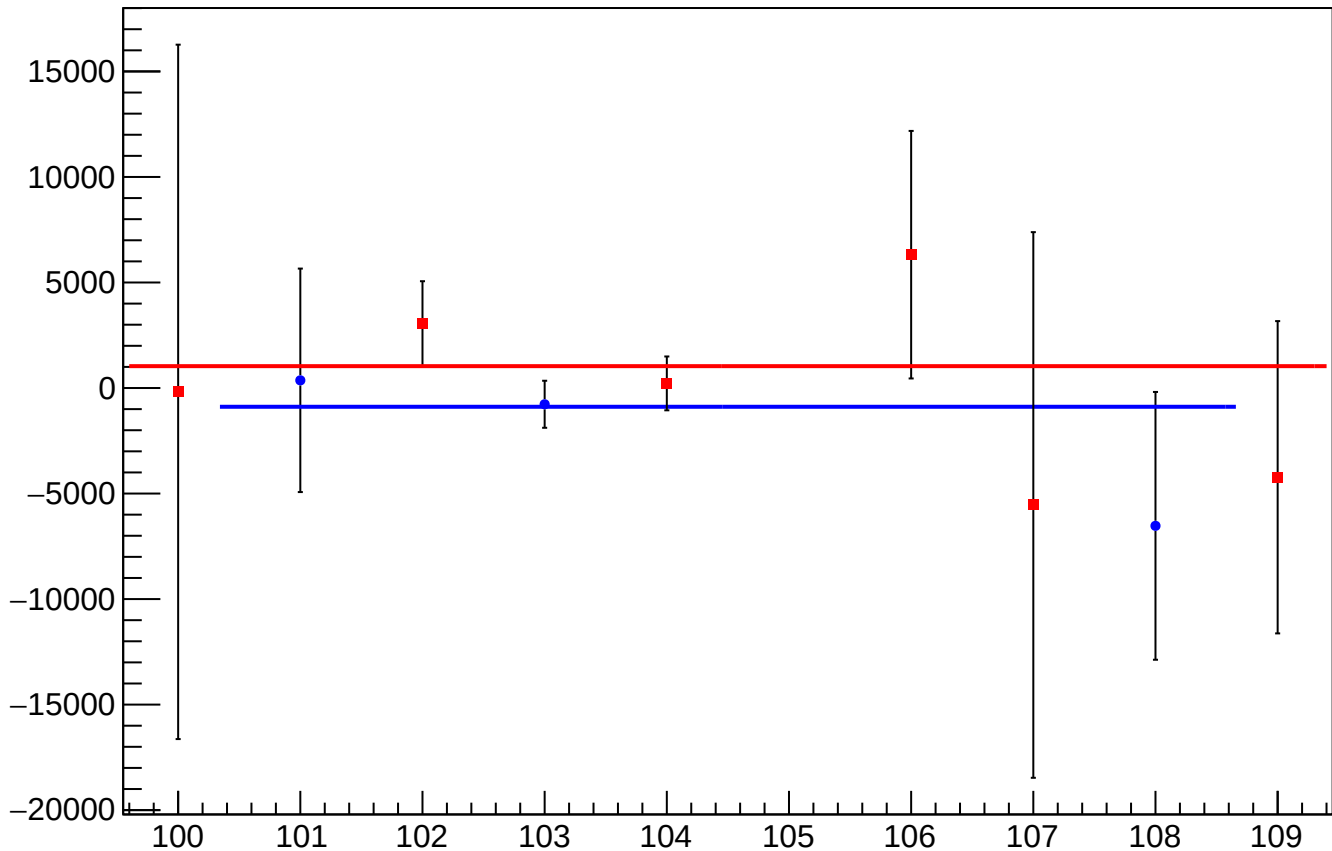
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.238+/-0.701 χ^2/NDF : 272113.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -888.484+/-1074.662 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.963+/-1044.880 χ^2/NDF : 3.0/5

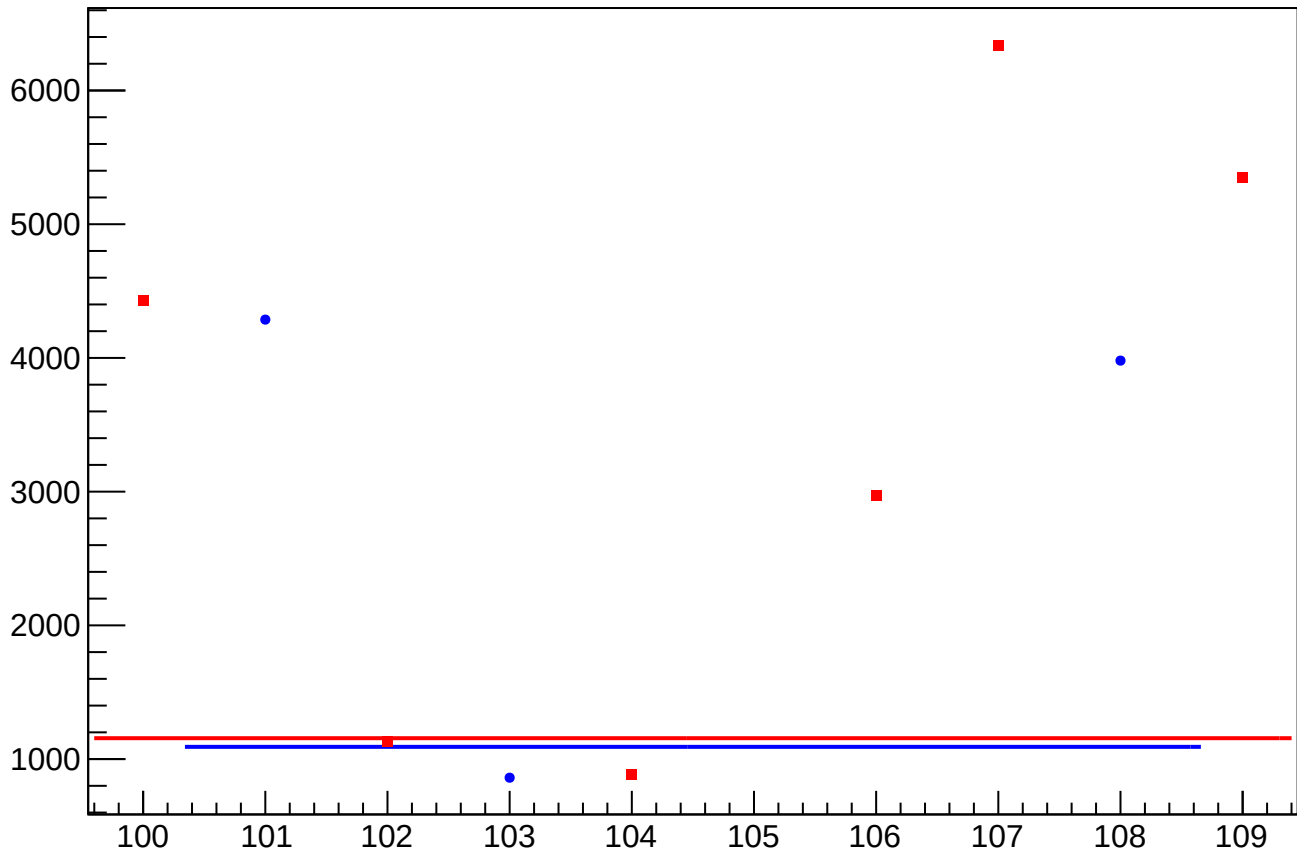
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.775+/-749.149 χ^2/NDF : 5.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1091.459+/-0.760 χ^2/NDF : 1228652.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1156.159+/-0.739 χ^2/NDF : 1323020.9/5

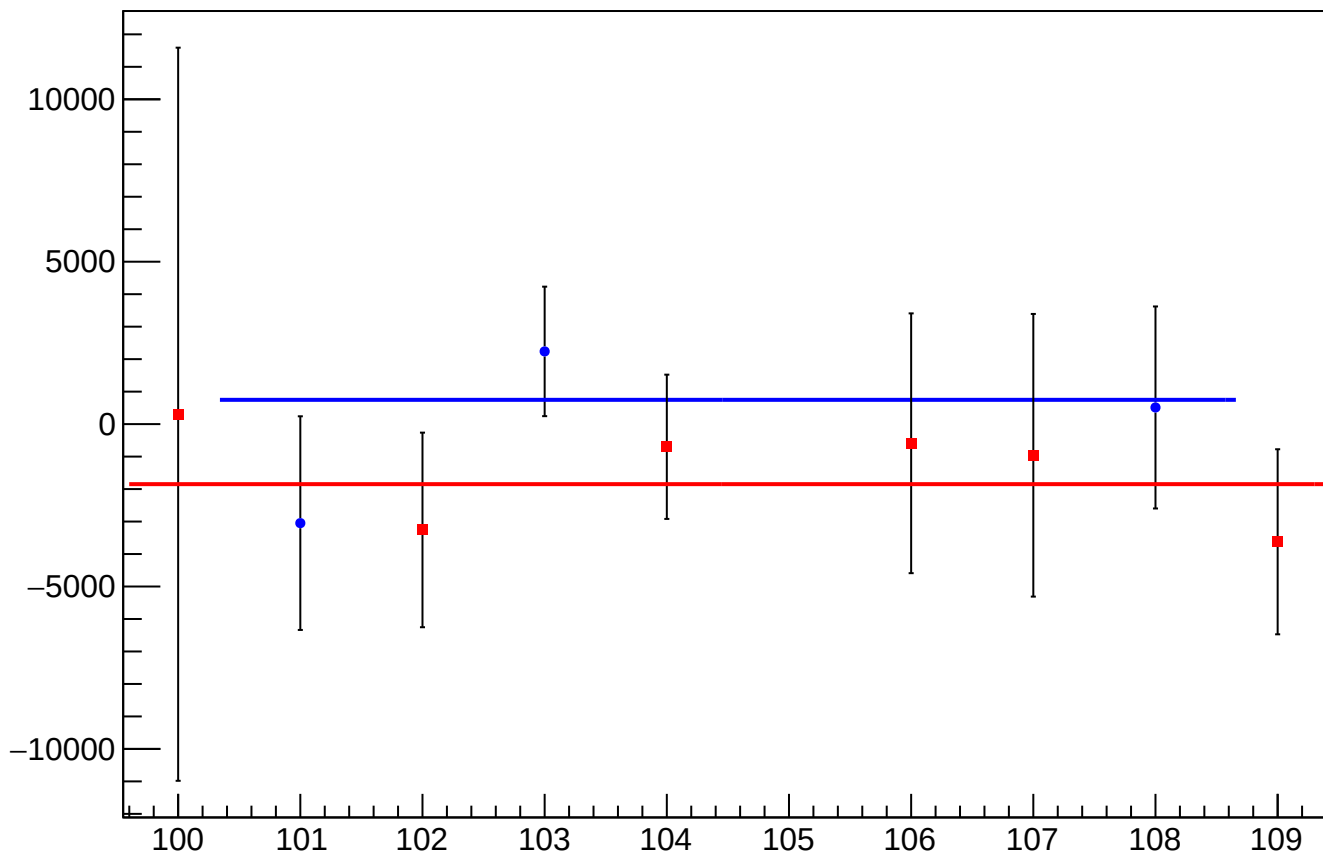
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1124.718+/-0.530 χ^2/NDF : 2555399.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 747.350+/-1494.885 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1848.473+/-1335.614 χ^2/NDF : 1.1/5

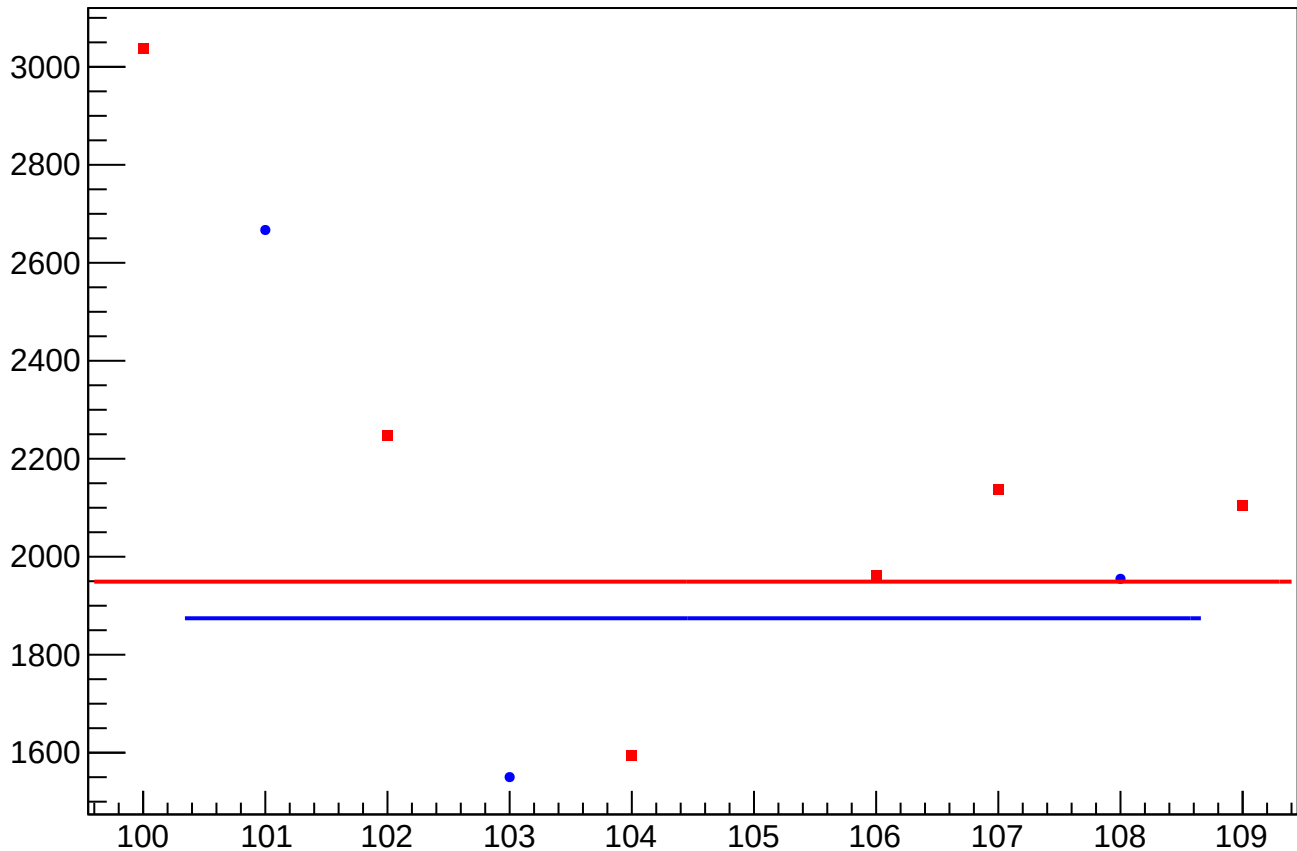
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -696.167+/-995.988 χ^2/NDF : 4.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1874.384+/-1.057 χ^2/NDF : 170395.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.155+/-0.937 χ^2/NDF : 98916.4/5

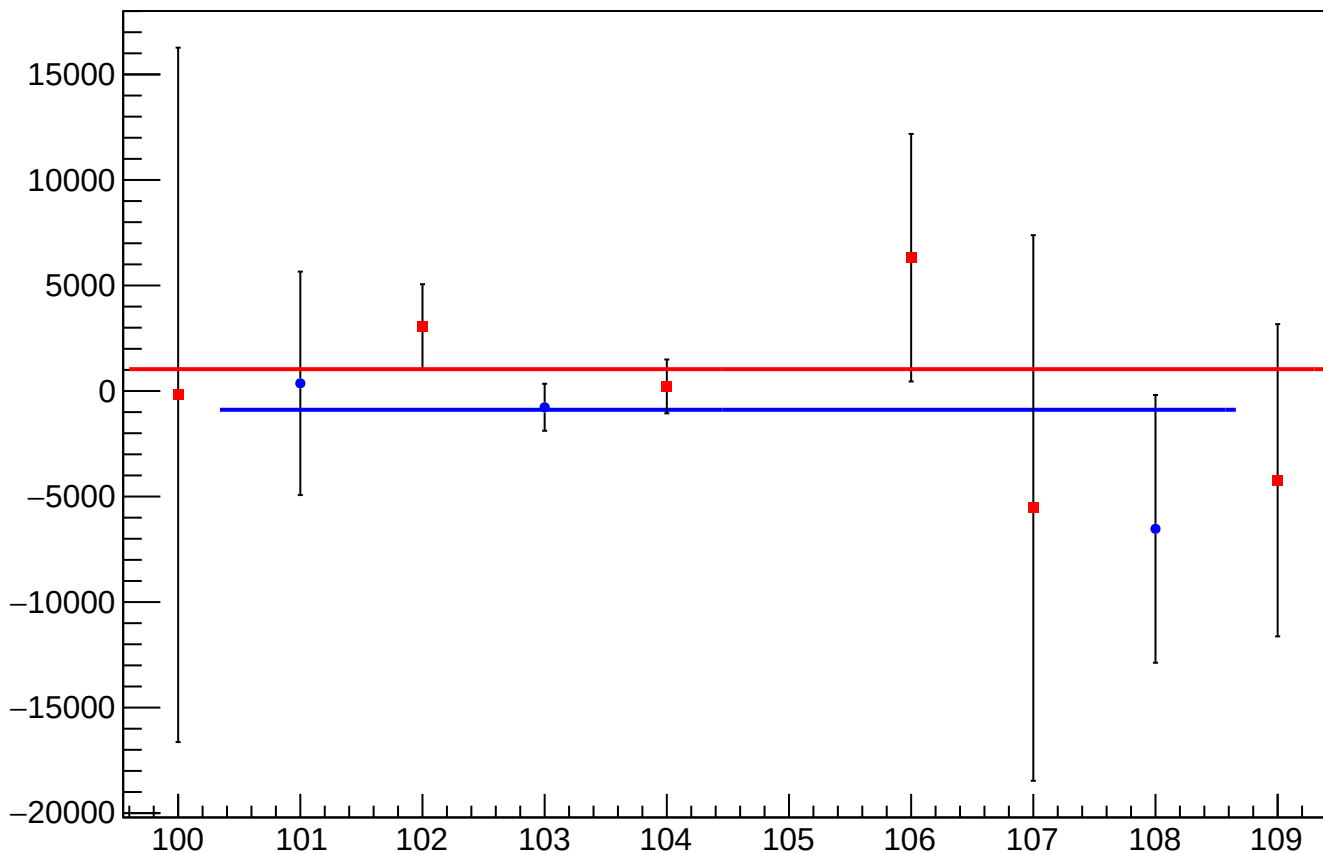
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1916.238+/-0.701 χ^2/NDF : 272113.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



Right In: -888.484+/-1074.662 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1035.963+/-1044.880 χ^2/NDF : 3.0/5

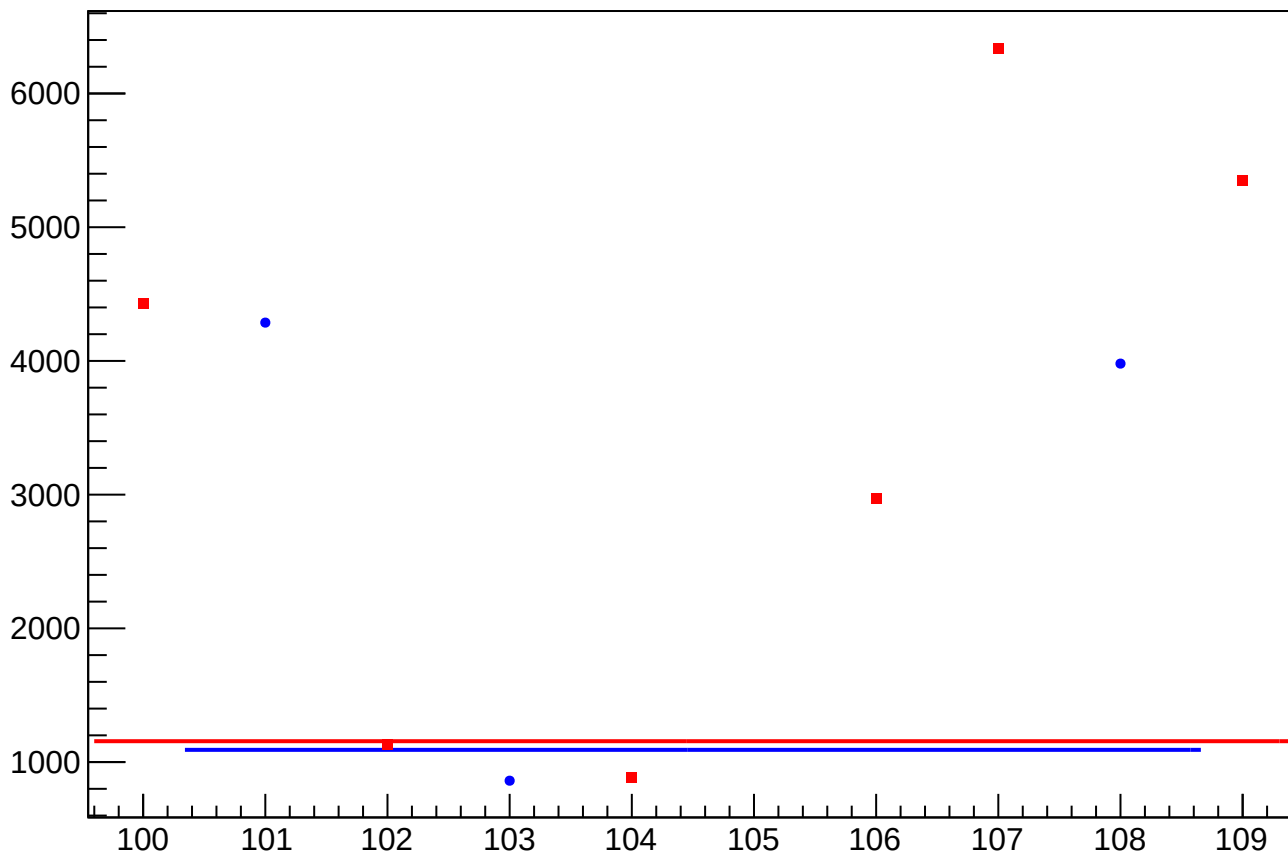
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.775+/-749.149 χ^2/NDF : 5.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1091.459+/-0.760 χ^2/NDF : 1228652.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

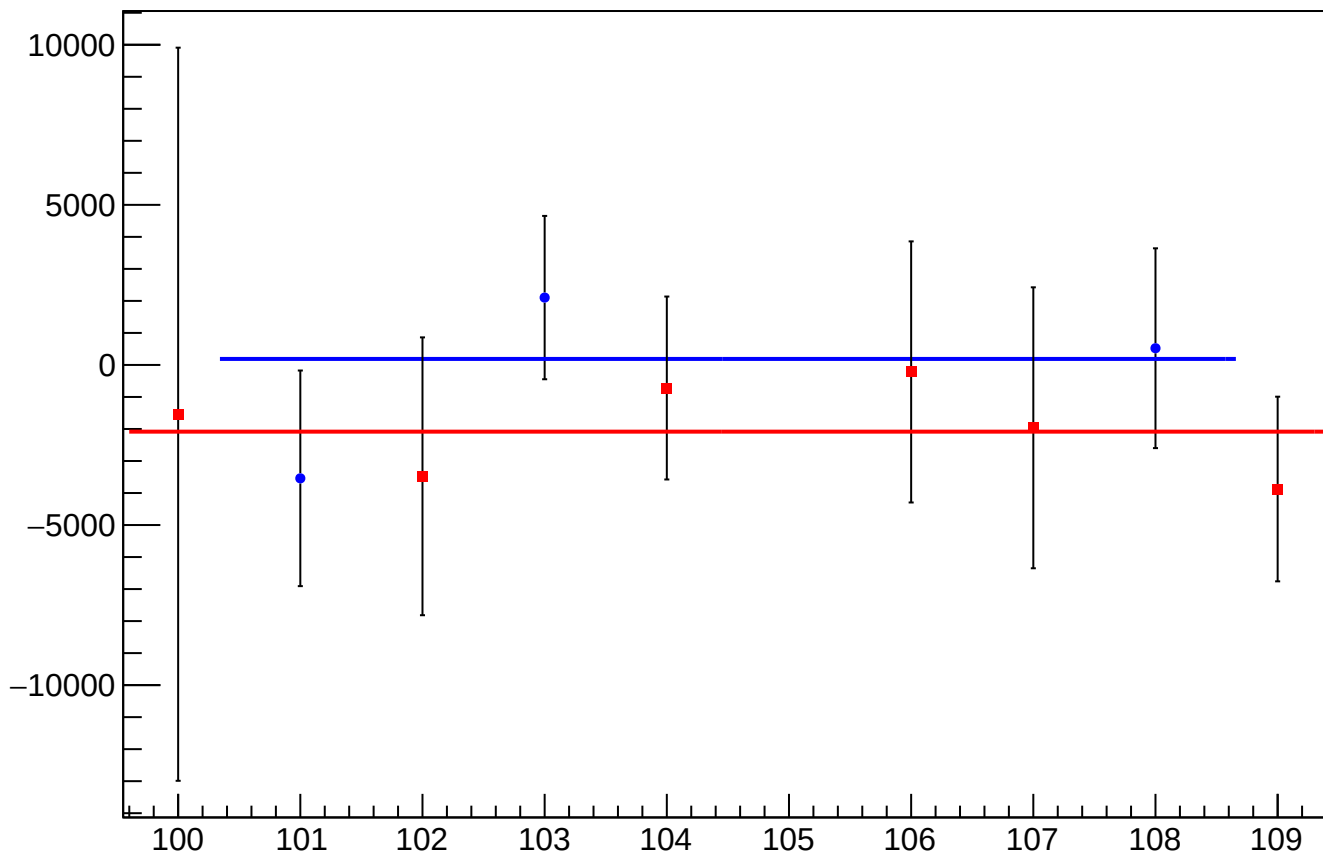
Right Out: 1156.159+/-0.739 χ^2/NDF : 1323020.9/5

All: 1124.718+/-0.530 χ^2/NDF : 2555399.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_mean vs Slug



Right In: 187.766 $\pm$ 1703.453 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2083.296 $\pm$ 1551.144 χ^2 /NDF: 0.9/5

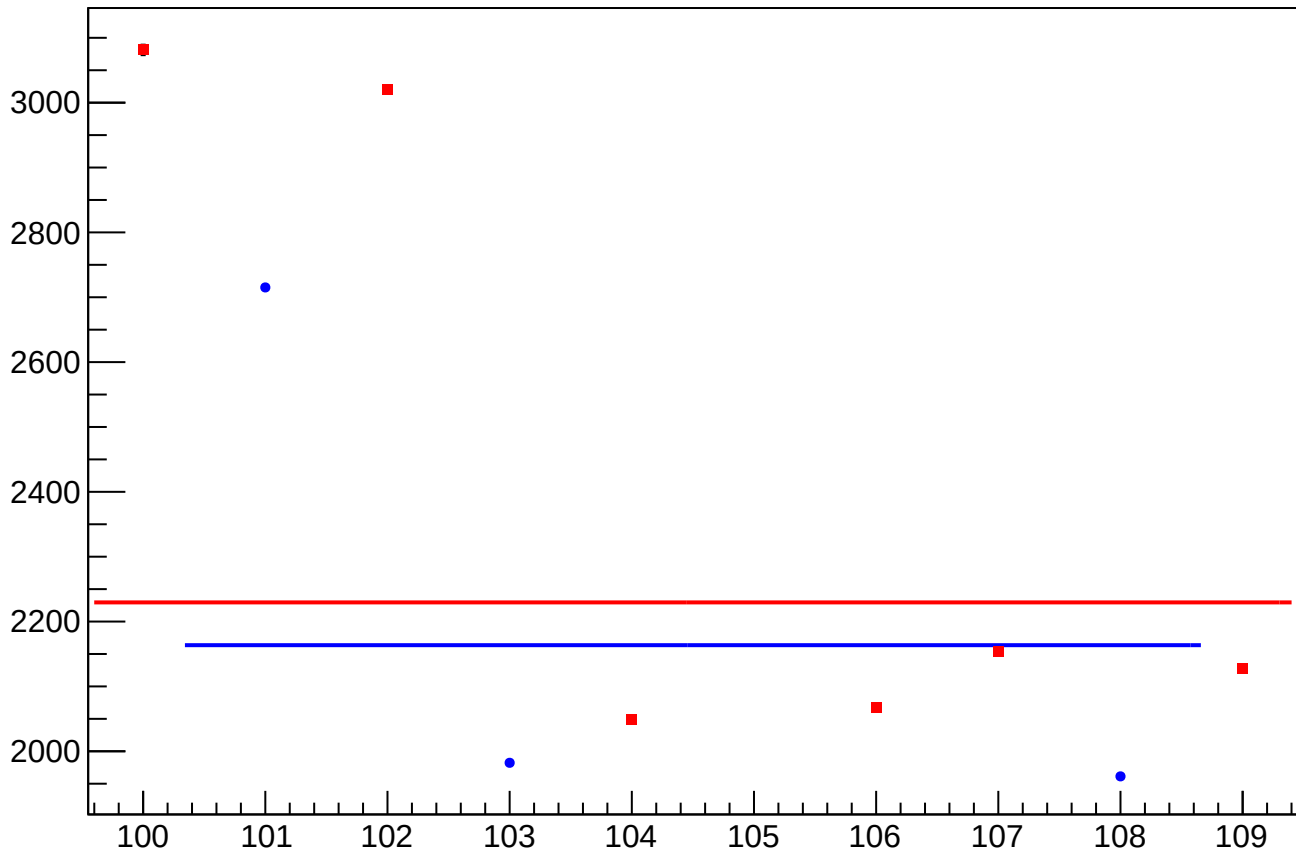
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1053.814 $\pm$ 1146.898 χ^2 /NDF: 3.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



Right In: 2163.577 $\pm$ 1.205 χ^2 /NDF: 72177.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2229.529 $\pm$ 1.093 χ^2 /NDF: 91992.3/5

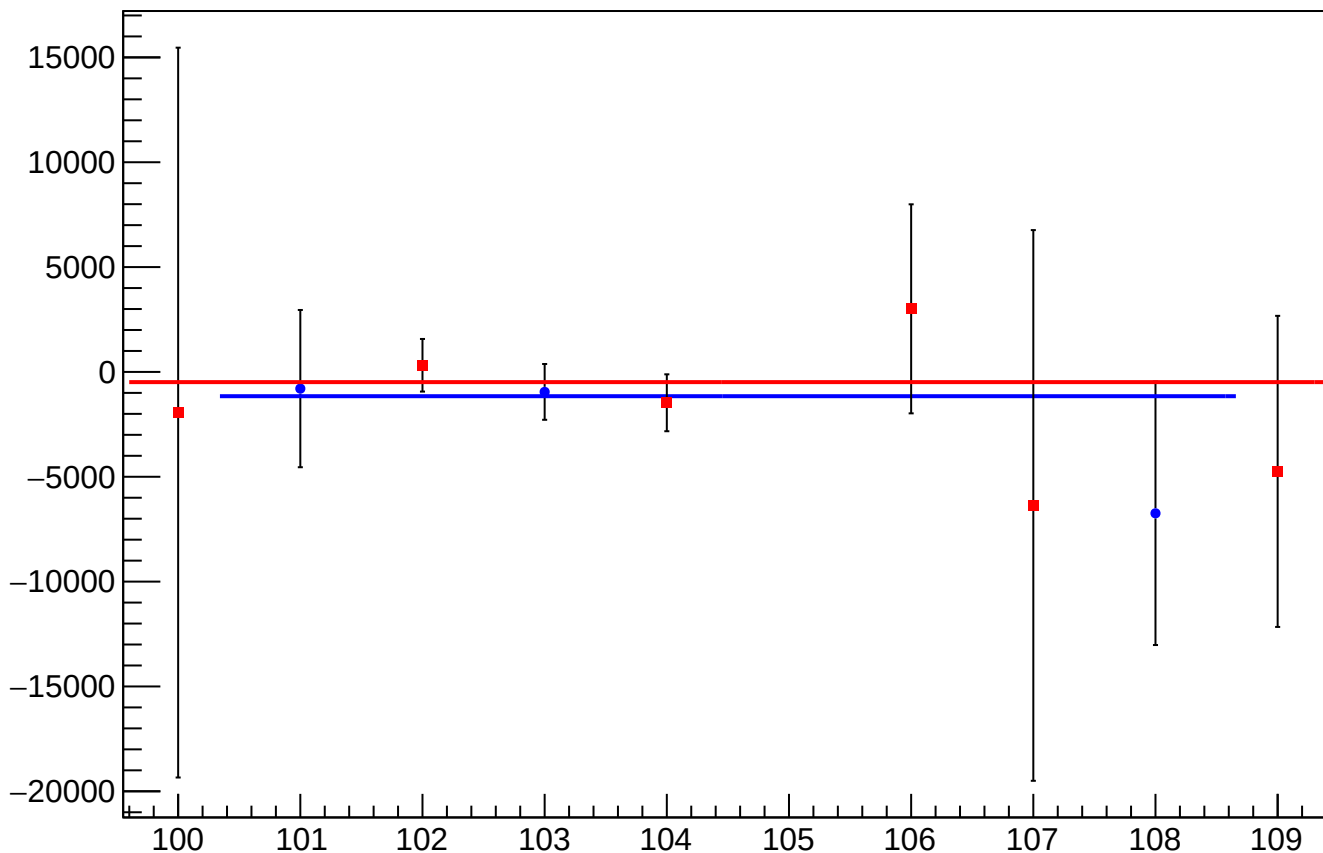
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2199.756 $\pm$ 0.809 χ^2 /NDF: 165814.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_correction_mean vs Slug



Right In: -1157.593+/-1229.551 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -486.063+/-896.003 χ^2/NDF : 2.0/5

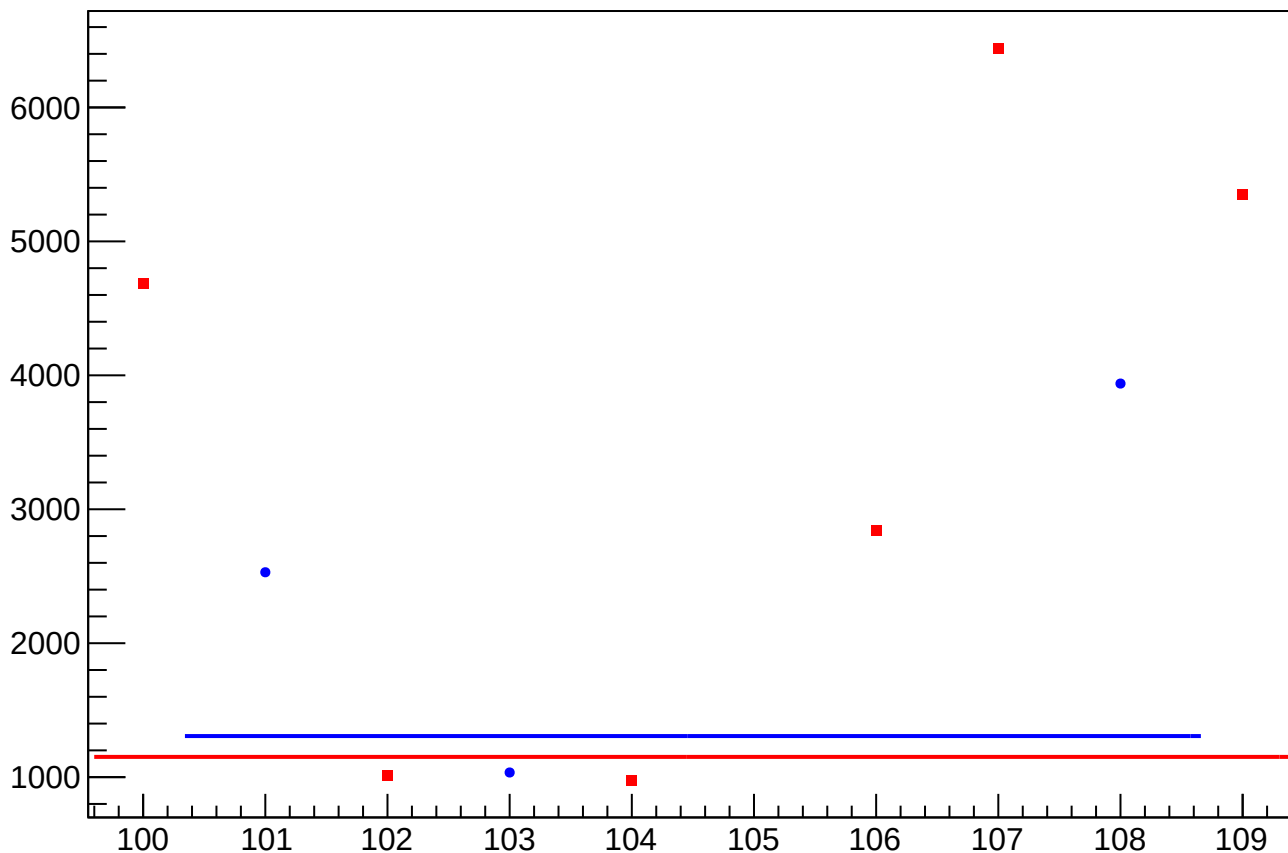
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -718.982+/-724.130 χ^2/NDF : 3.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 1306.799+/-0.869 χ^2/NDF : 647341.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1151.264+/-0.634 χ^2/NDF : 1336810.2/5

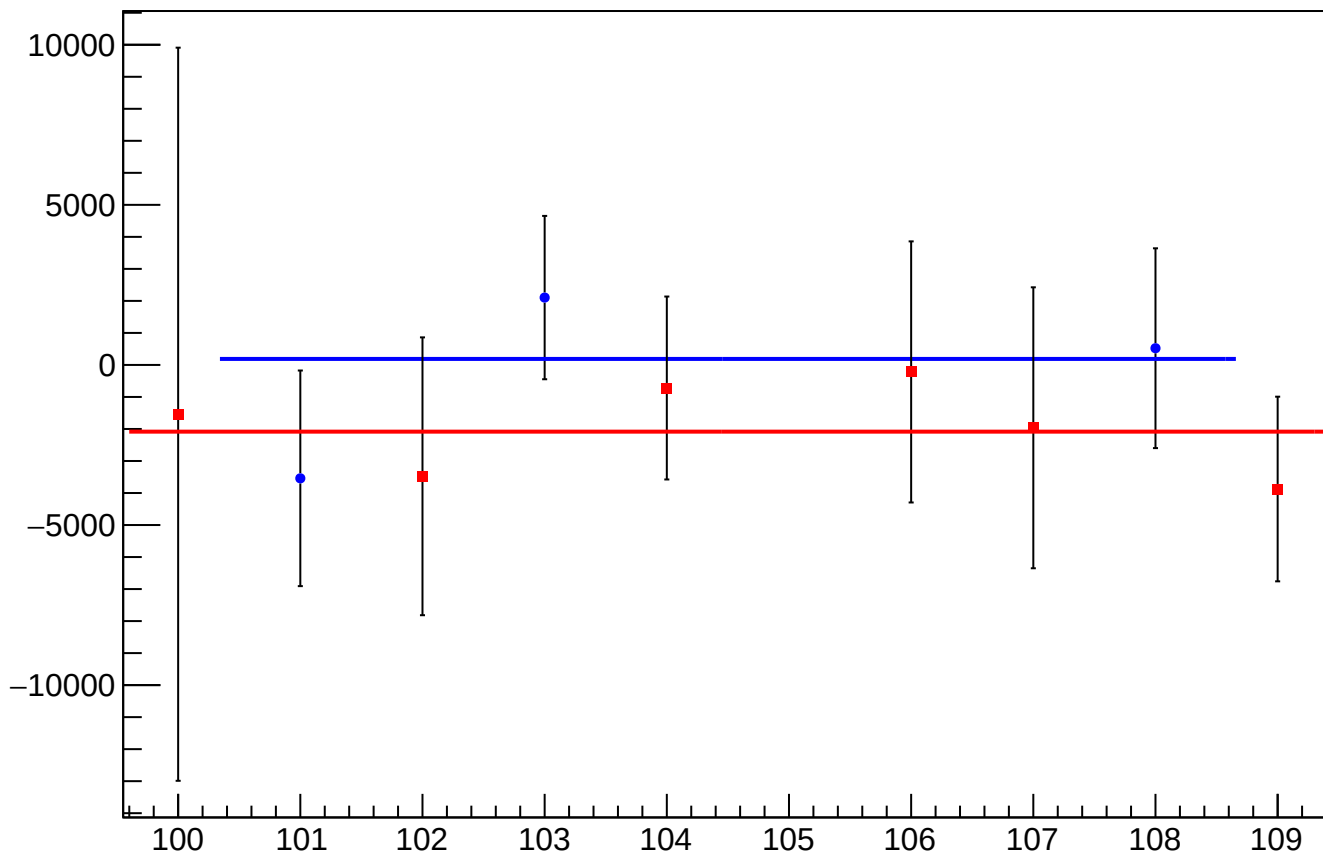
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1205.211+/-0.512 χ^2/NDF : 2005054.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_mean vs Slug



Right In: 187.756 ± 1703.451 χ^2/NDF : 1.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2083.291 ± 1551.143 χ^2/NDF : 0.9/5

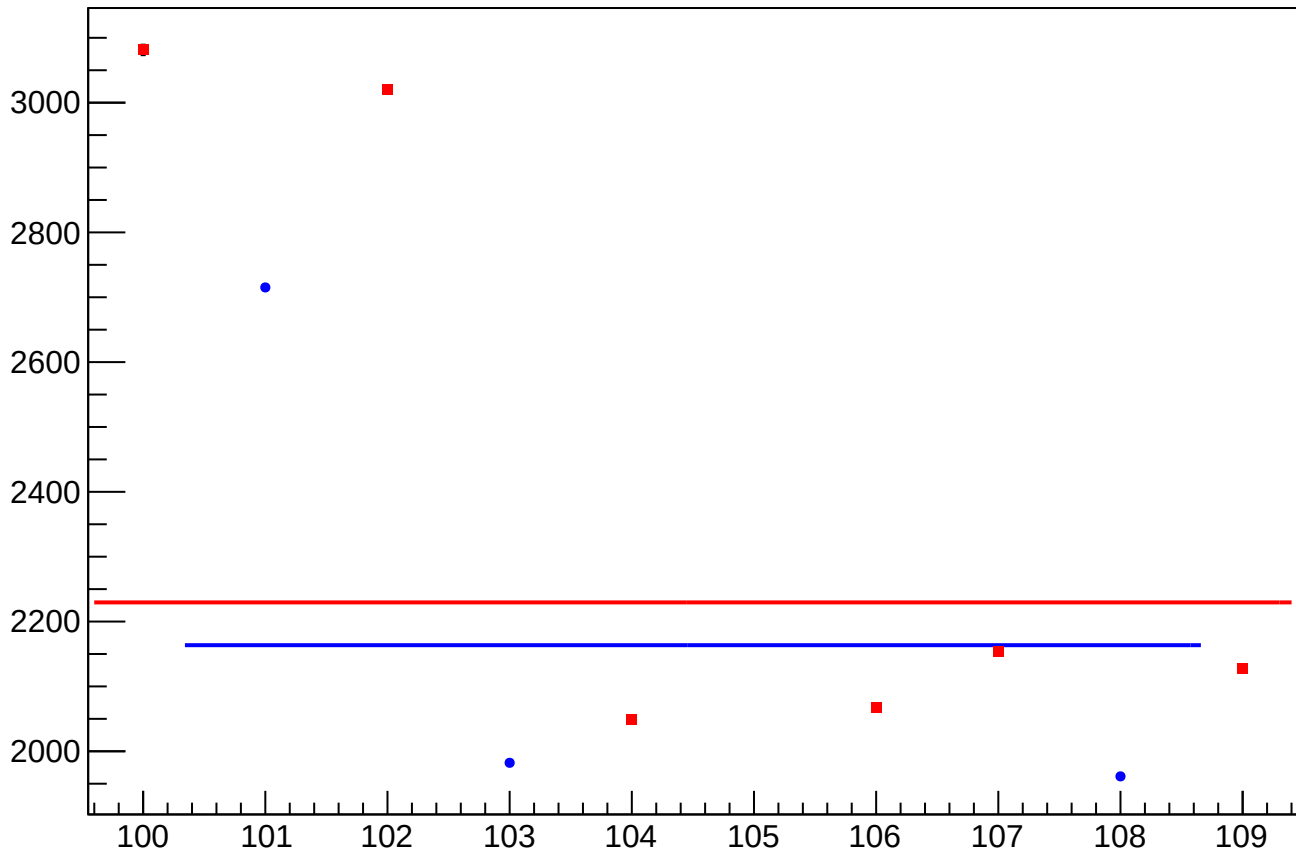
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1053.815 ± 1146.898 χ^2/NDF : 3.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 2163.575 $\pm$ 1.205 χ^2 /NDF: 72177.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2229.527 $\pm$ 1.093 χ^2 /NDF: 91991.9/5

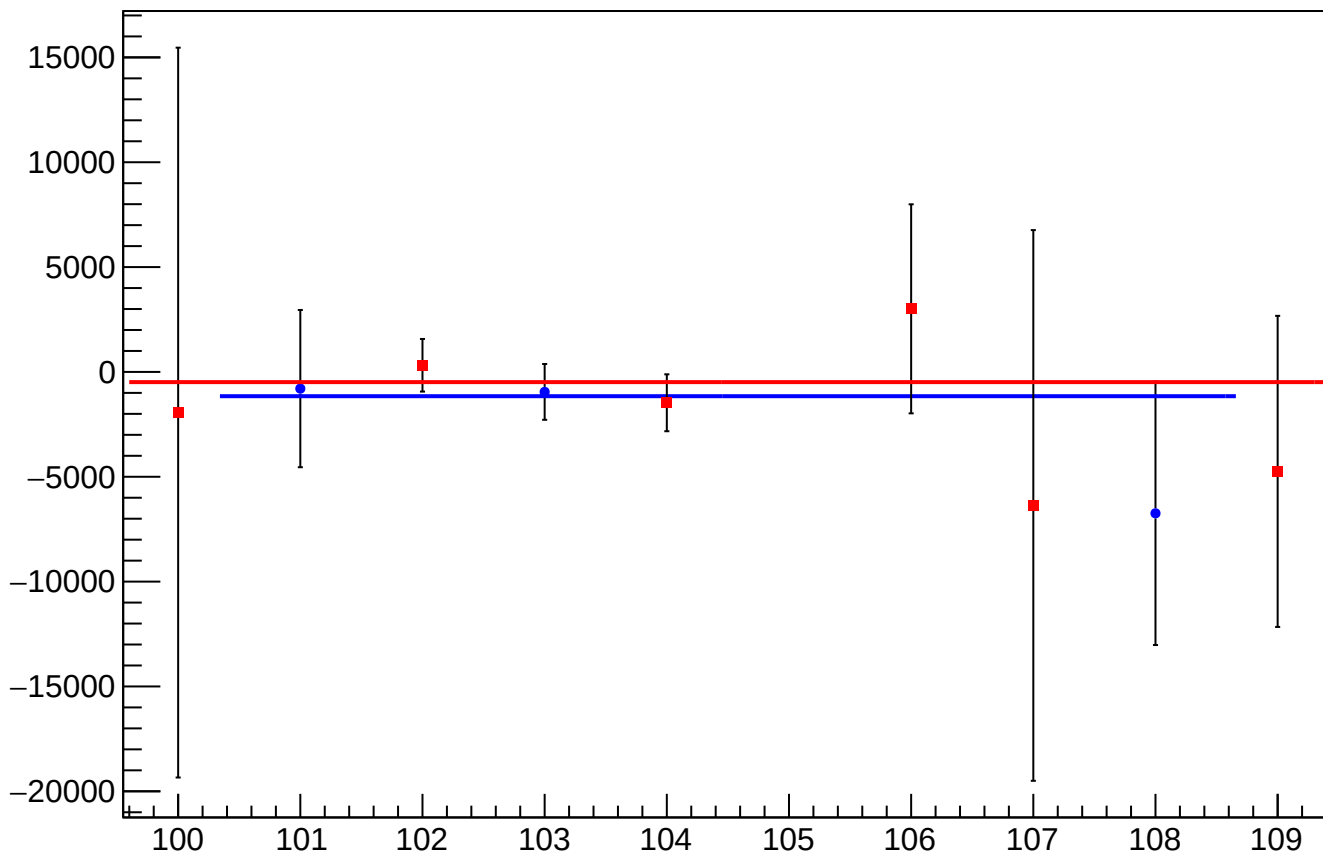
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2199.754 $\pm$ 0.809 χ^2 /NDF: 165814.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug



Right In: -1157.598+/-1229.550 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -486.057+/-896.002 χ^2/NDF : 2.0/5

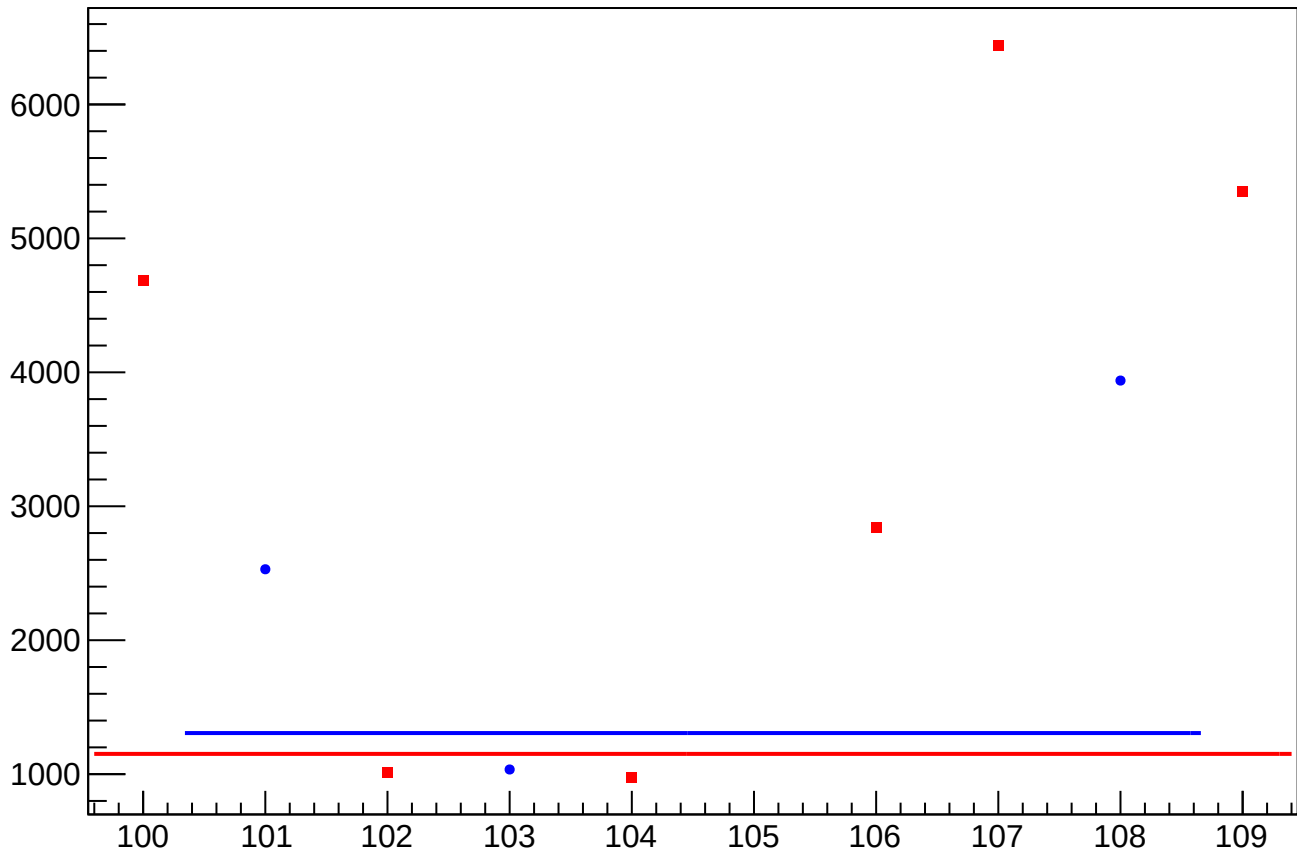
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -718.980+/-724.129 χ^2/NDF : 3.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 1306.798 $\pm$ 0.869 χ^2 /NDF: 647341.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

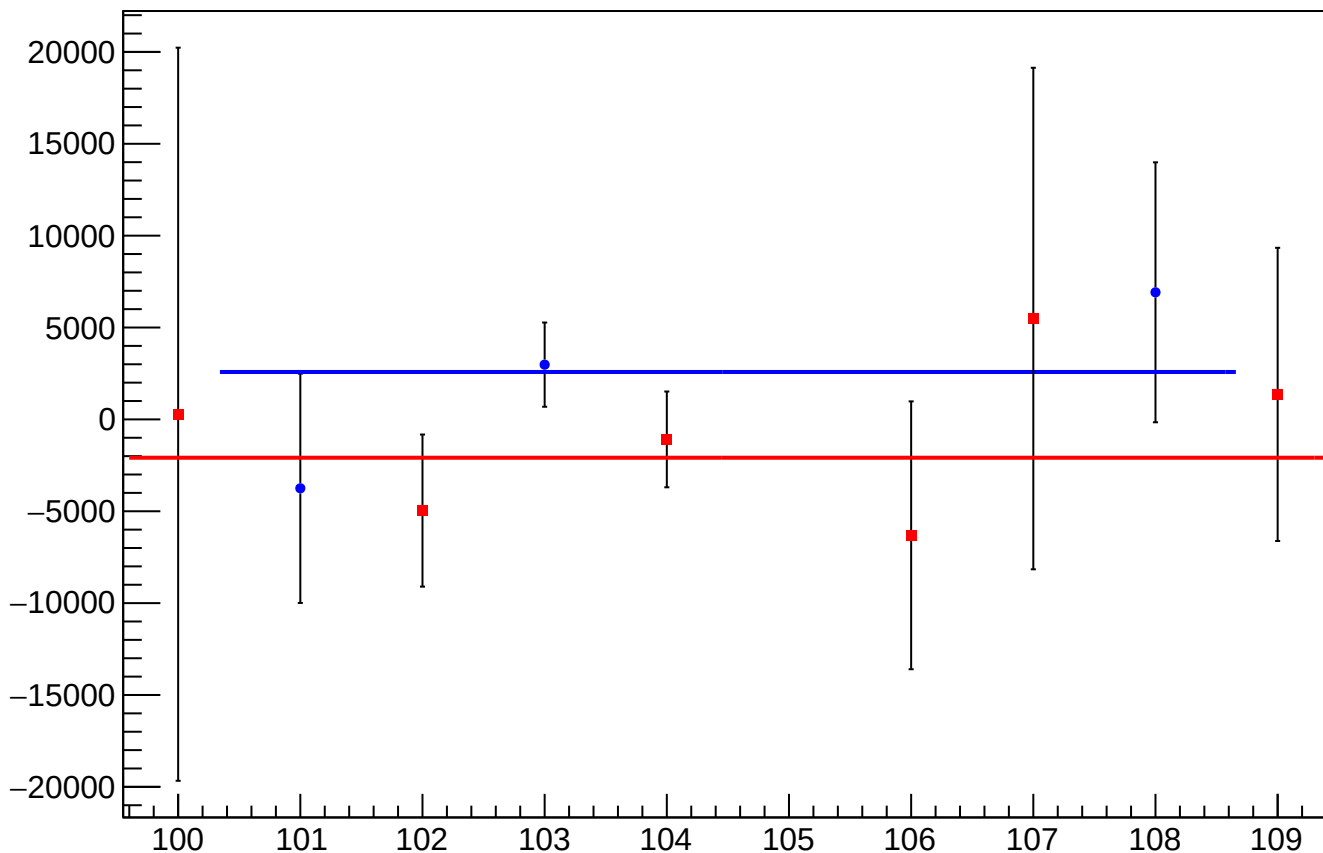
Right Out: 1151.264 $\pm$ 0.634 χ^2 /NDF: 1336809.4/5

All: 1205.211 $\pm$ 0.512 χ^2 /NDF: 2005054.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 2580.968 $\pm$ 2058.315 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2085.941 $\pm$ 2008.195 χ^2 /NDF: 1.5/5

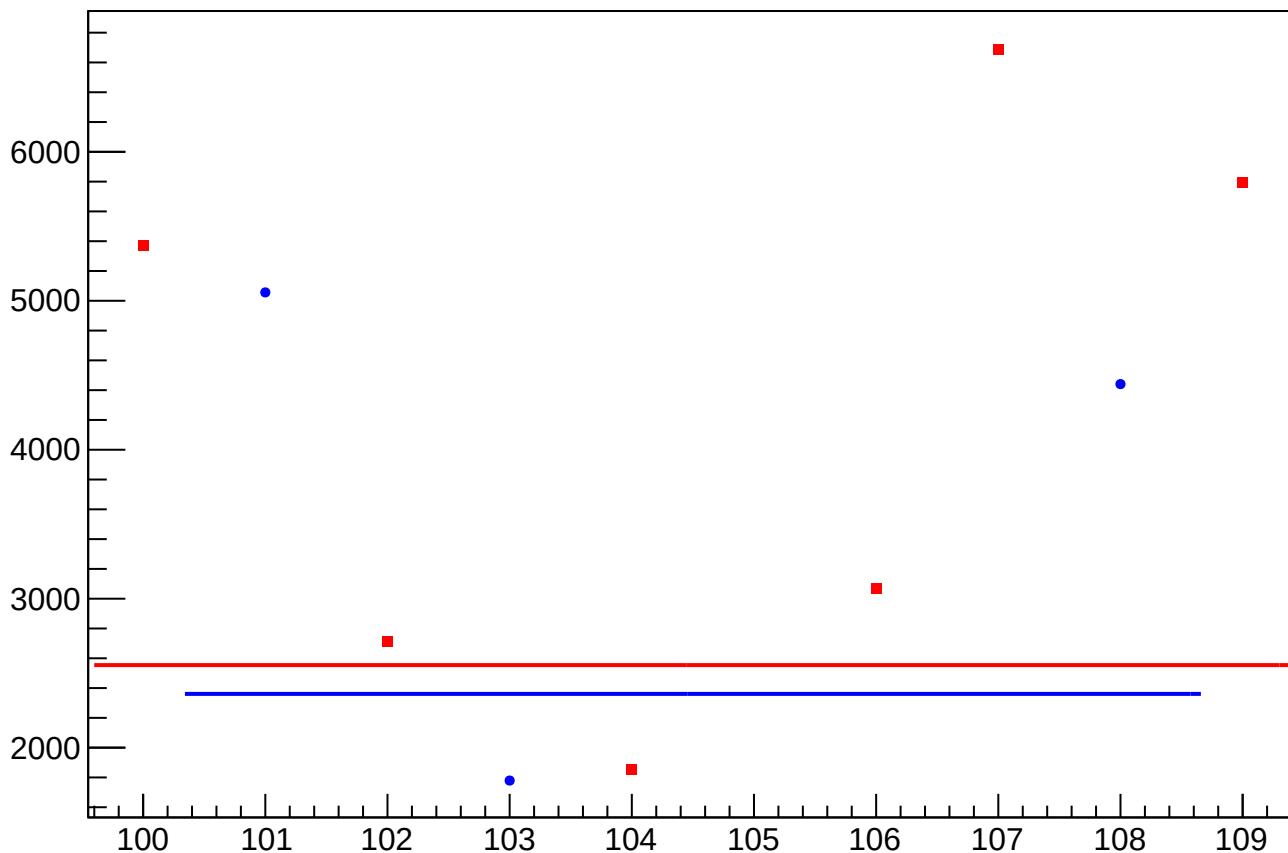
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 190.002 $\pm$ 1437.401 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_rms vs Slug



Right In: 2360.939+/-1.455 χ^2/NDF : 674845.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2554.228+/-1.397 χ^2/NDF : 716672.8/5

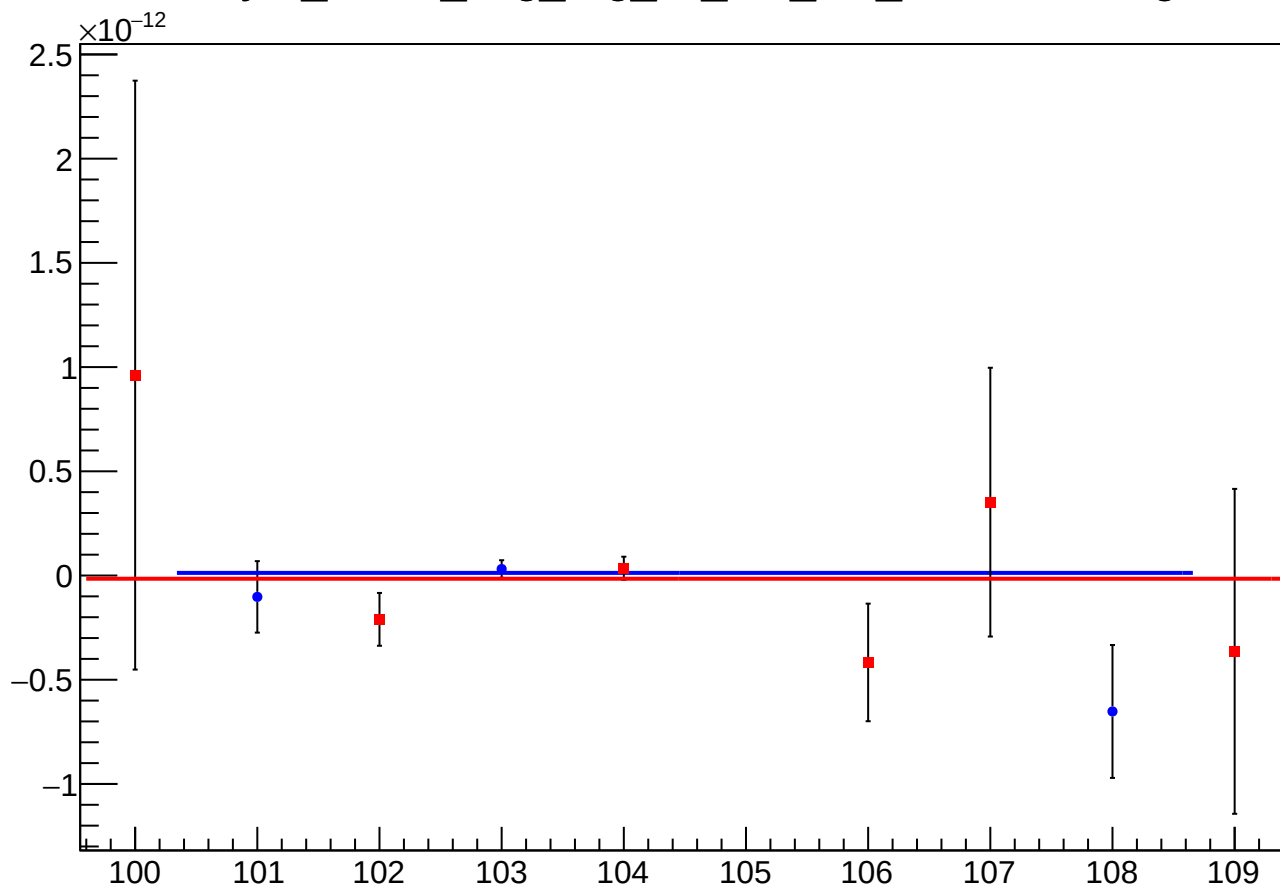
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.576+/-1.008 χ^2/NDF : 1400701.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/5

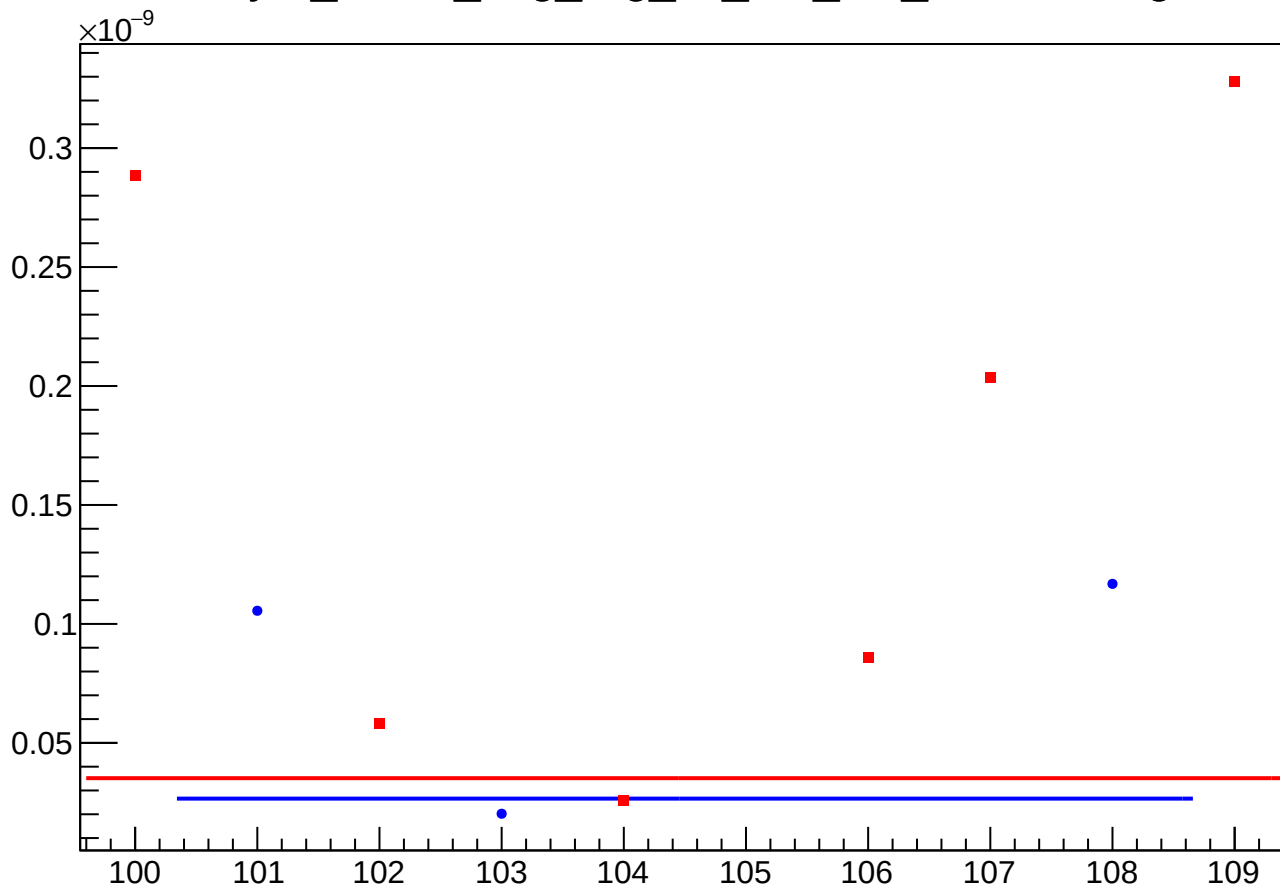
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 629814.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 673007.0/5

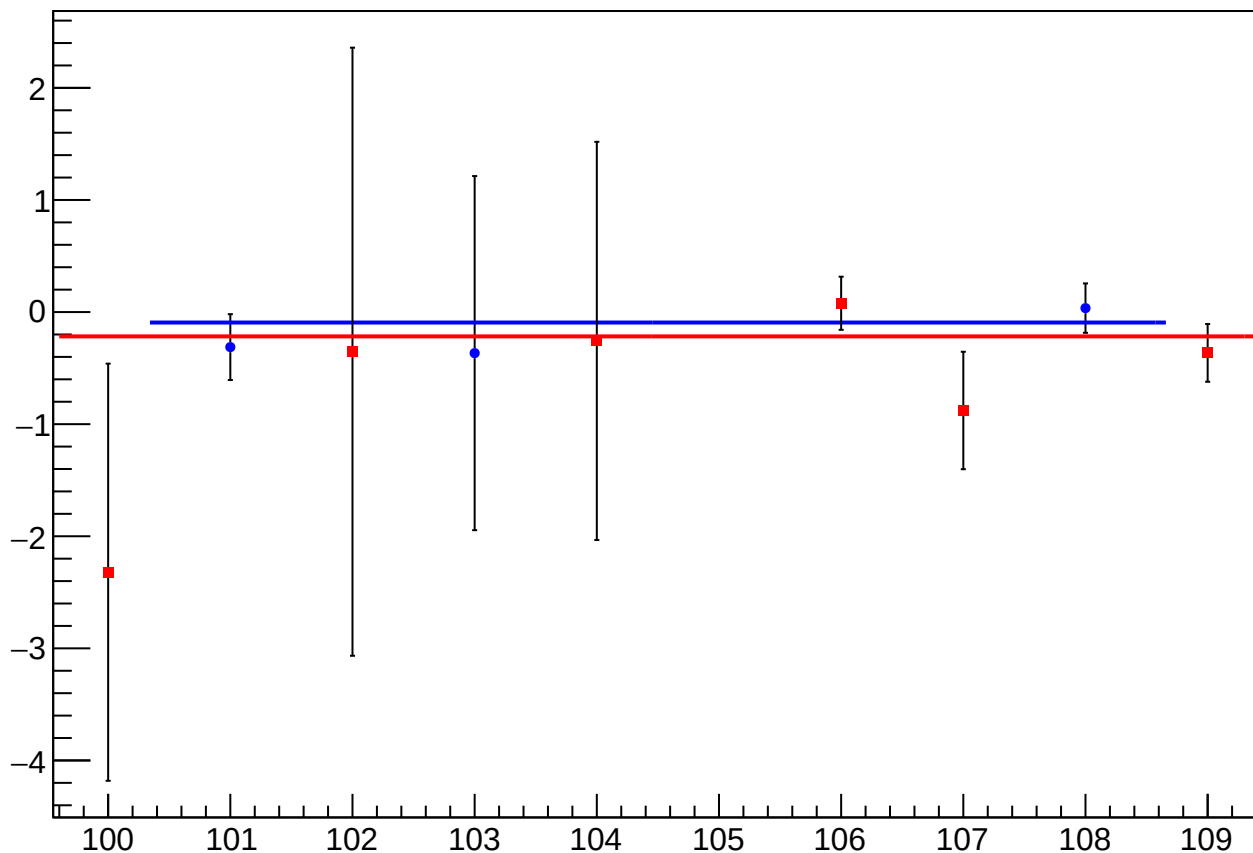
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1338688.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.093 ± 0.175 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.217 ± 0.164 χ^2/NDF : 4.8/5

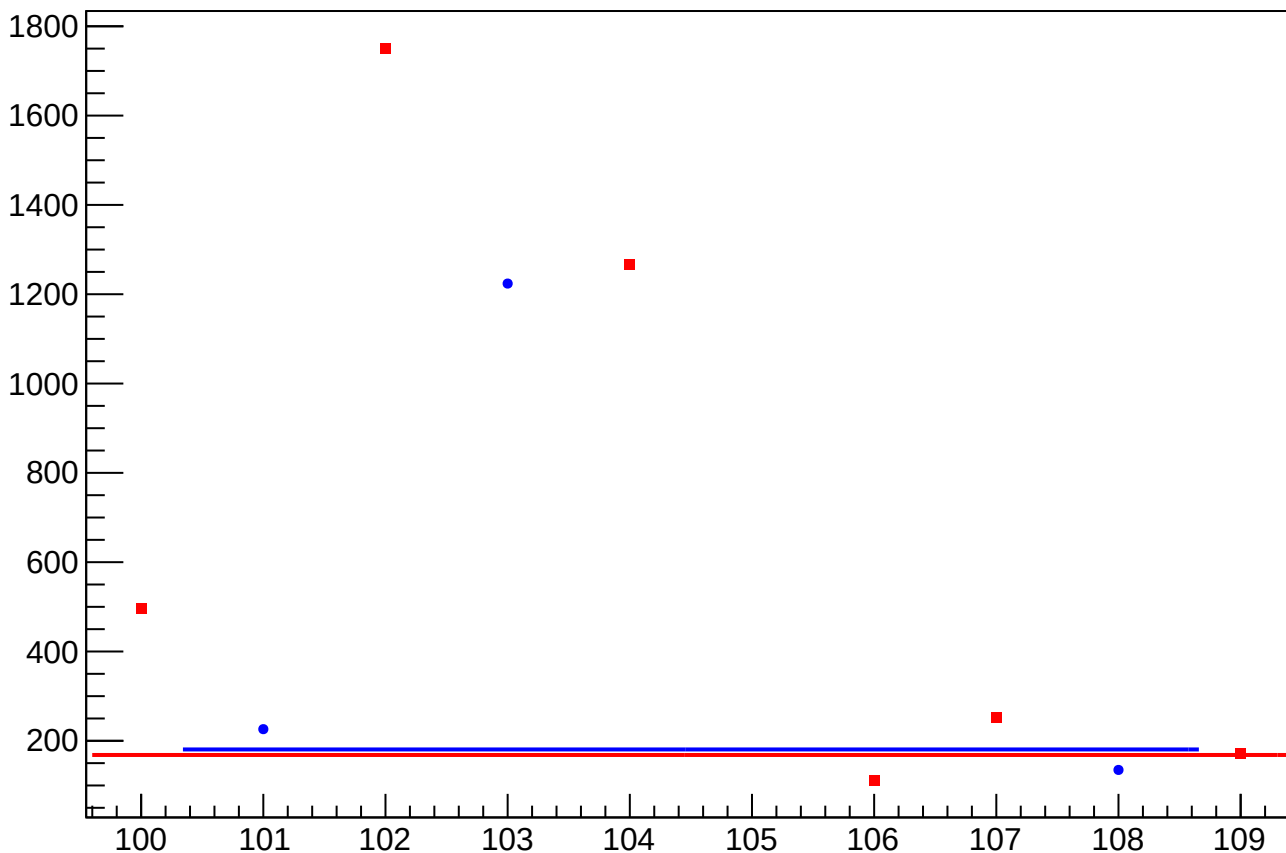
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.159 ± 0.120 χ^2/NDF : 5.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 180.661+/-0.124 χ^2/NDF : 1006981.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.288+/-0.116 χ^2/NDF : 1679336.7/5

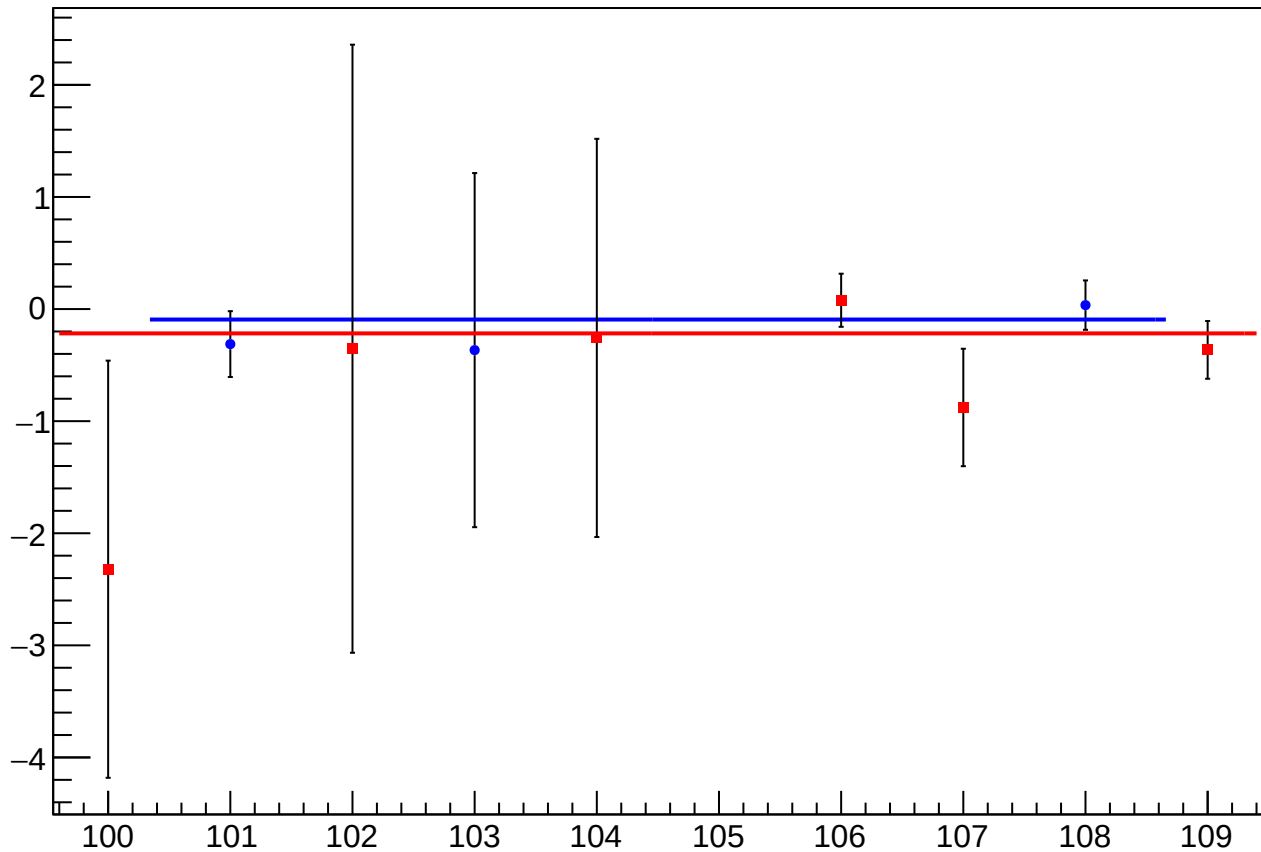
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.061+/-0.085 χ^2/NDF : 2691643.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.093+/-0.175 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.217+/-0.164 χ^2/NDF : 4.8/5

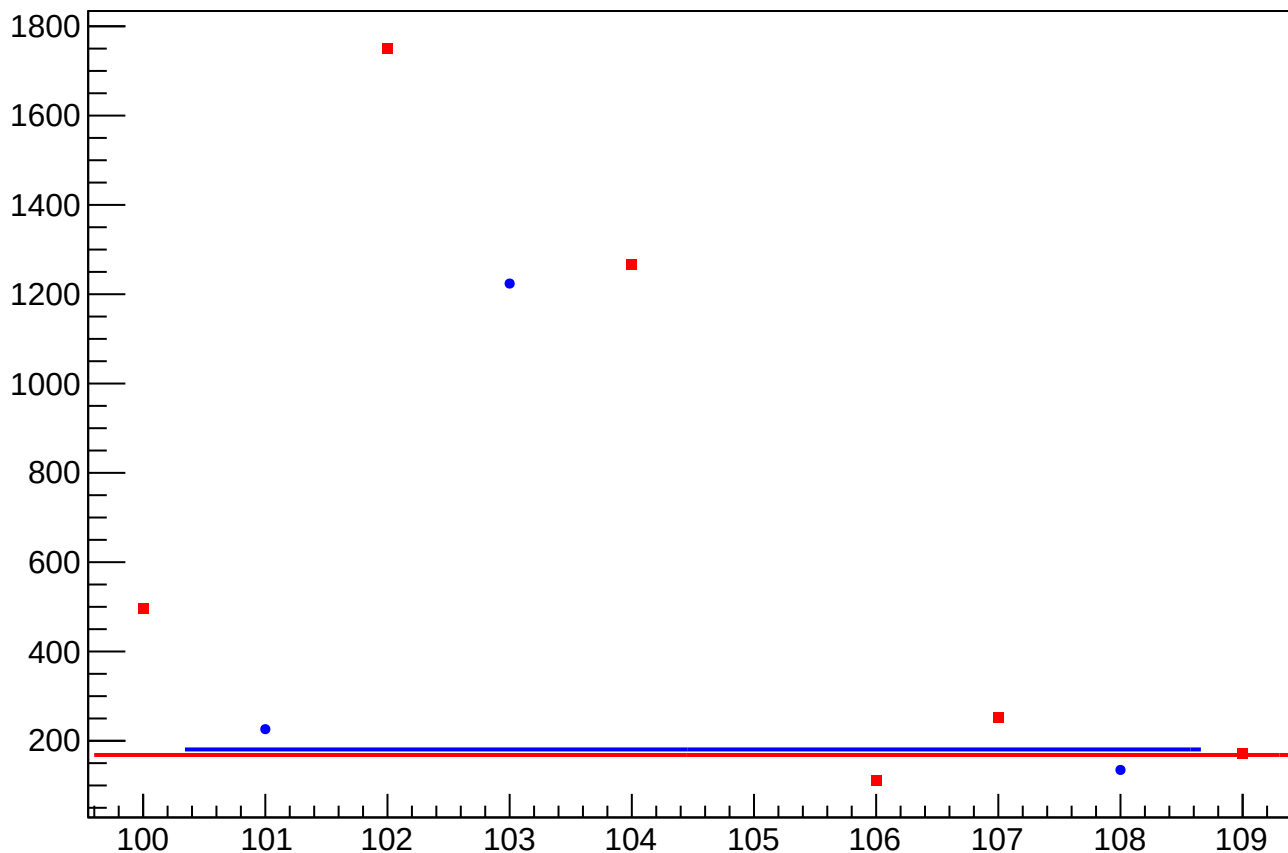
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.159+/-0.120 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 180.661+/-0.124 χ^2/NDF : 1006981.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.288+/-0.116 χ^2/NDF : 1679336.7/5

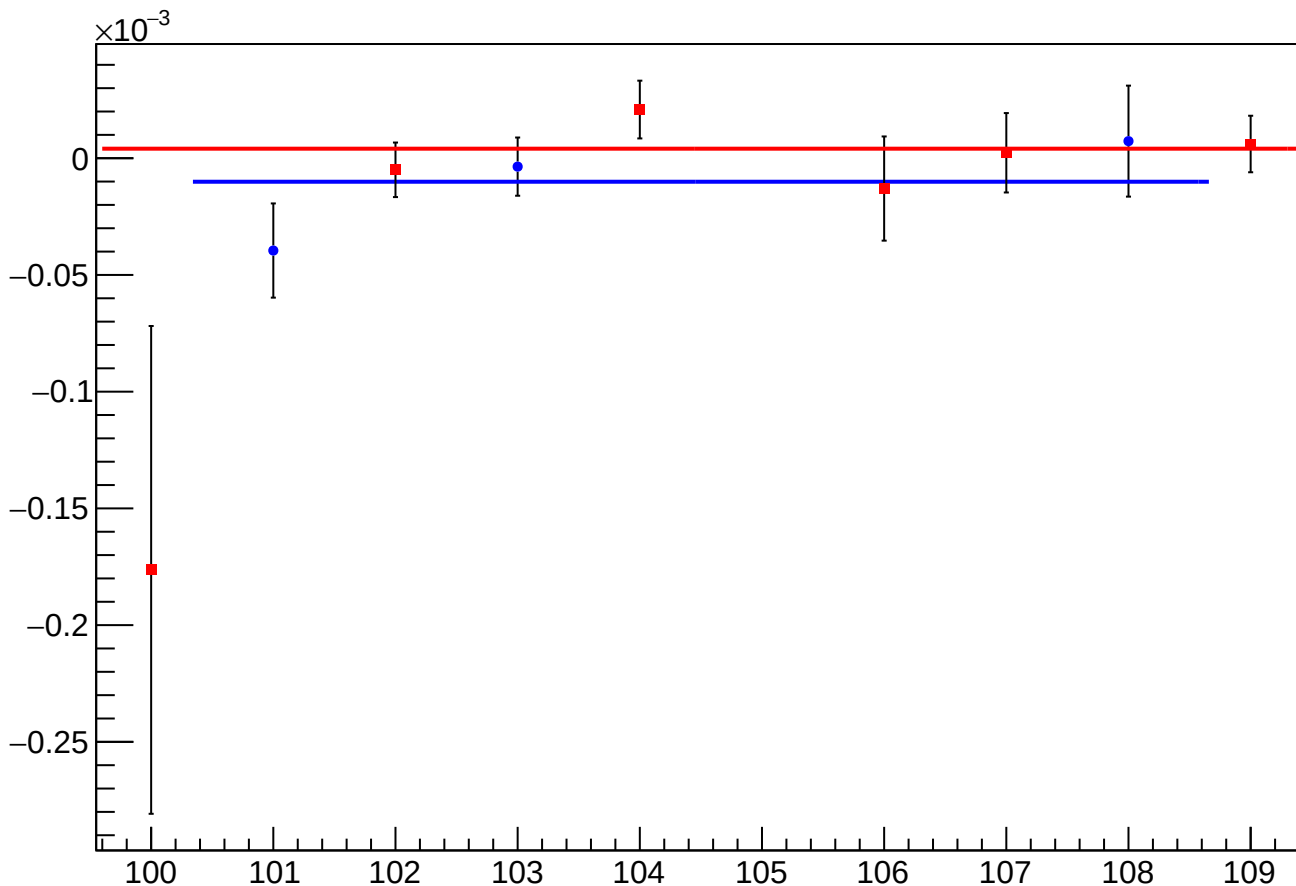
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.061+/-0.085 χ^2/NDF : 2691643.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/5

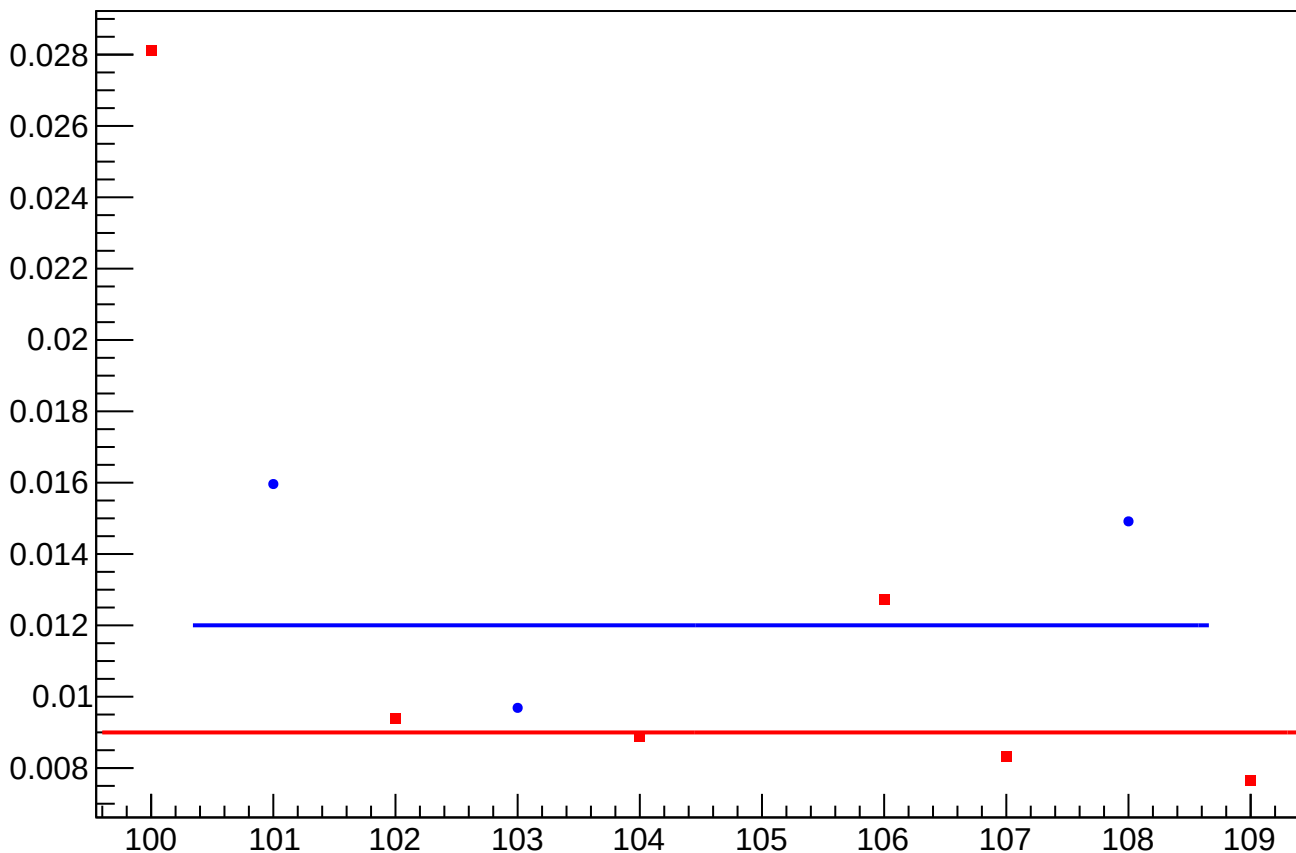
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 175964.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 153087.0/5

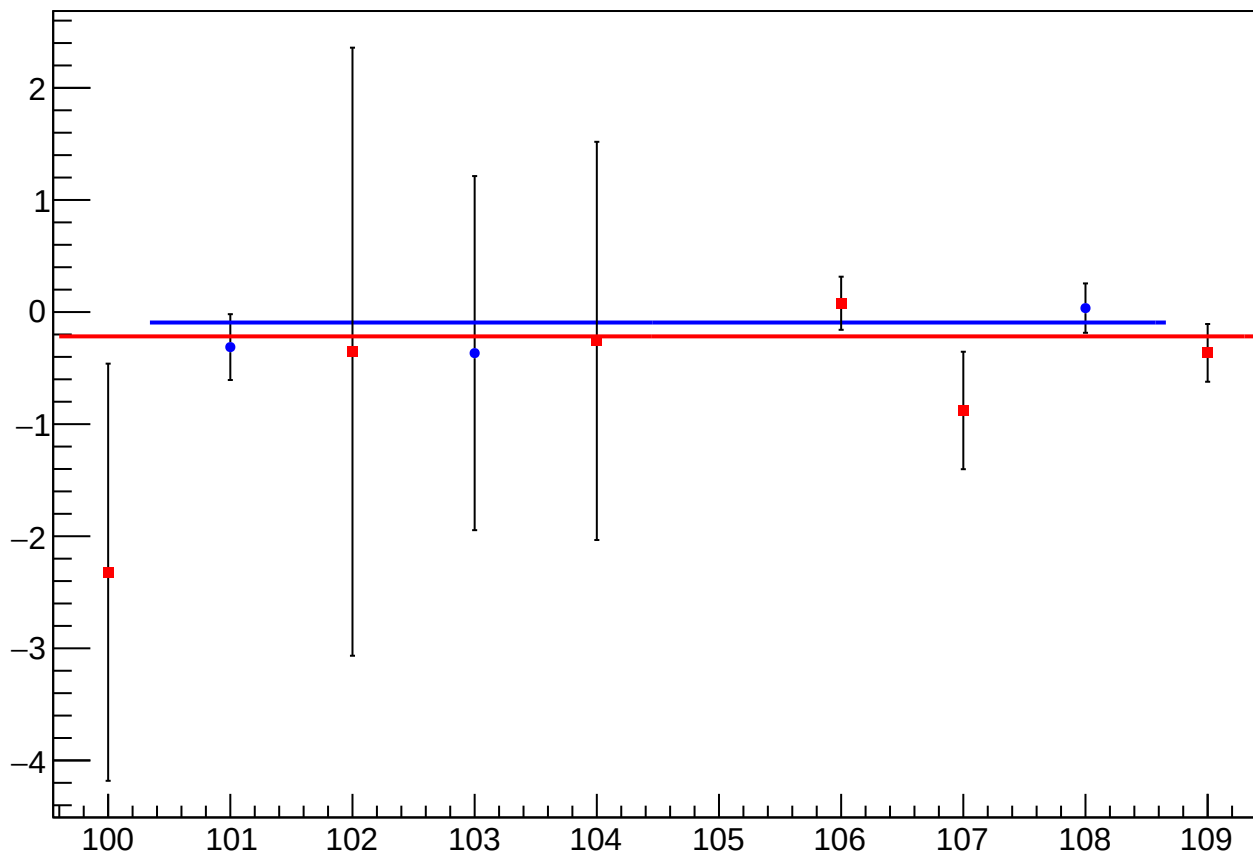
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 465782.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.093+/-0.175 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.217+/-0.164 χ^2/NDF : 4.8/5

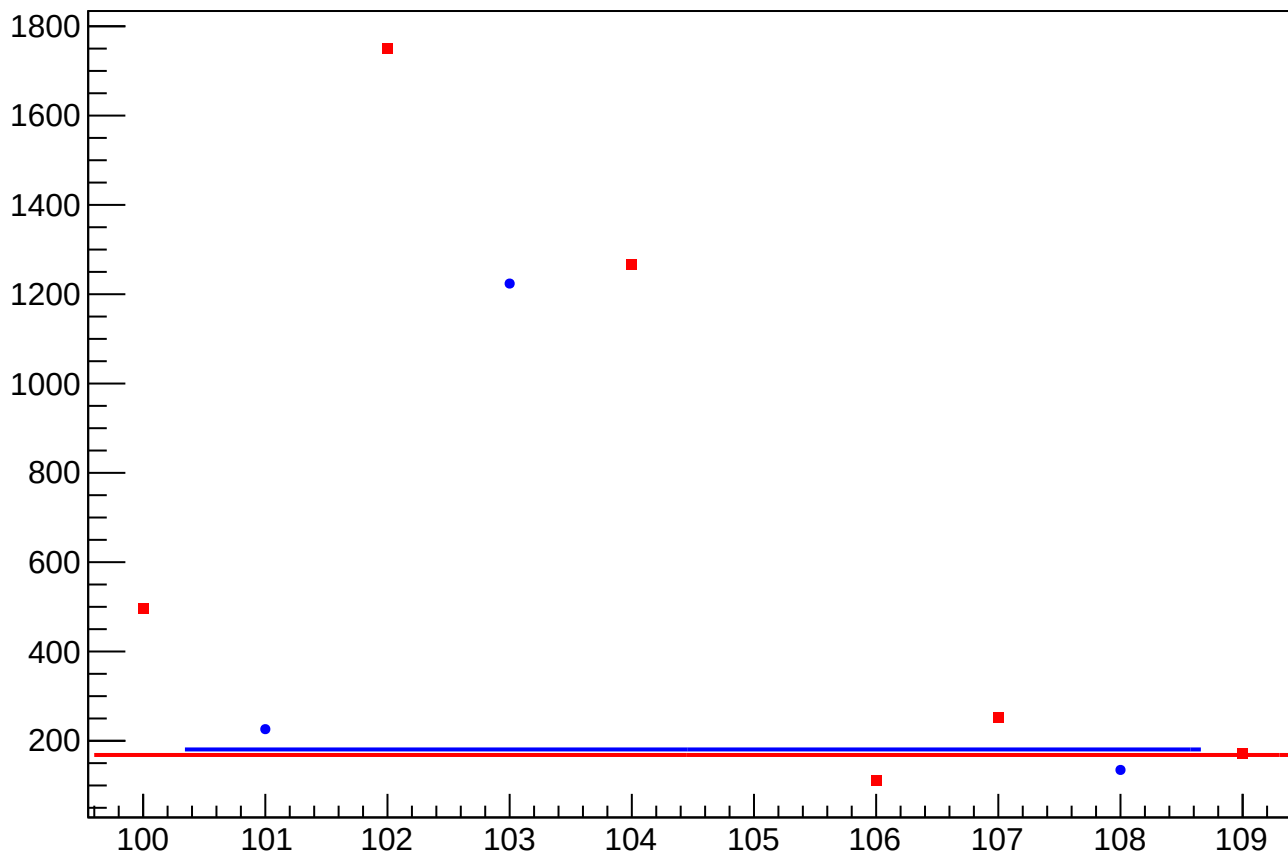
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.159+/-0.120 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 180.660+/-0.124 χ^2/NDF : 1006983.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.285+/-0.116 χ^2/NDF : 1679359.0/5

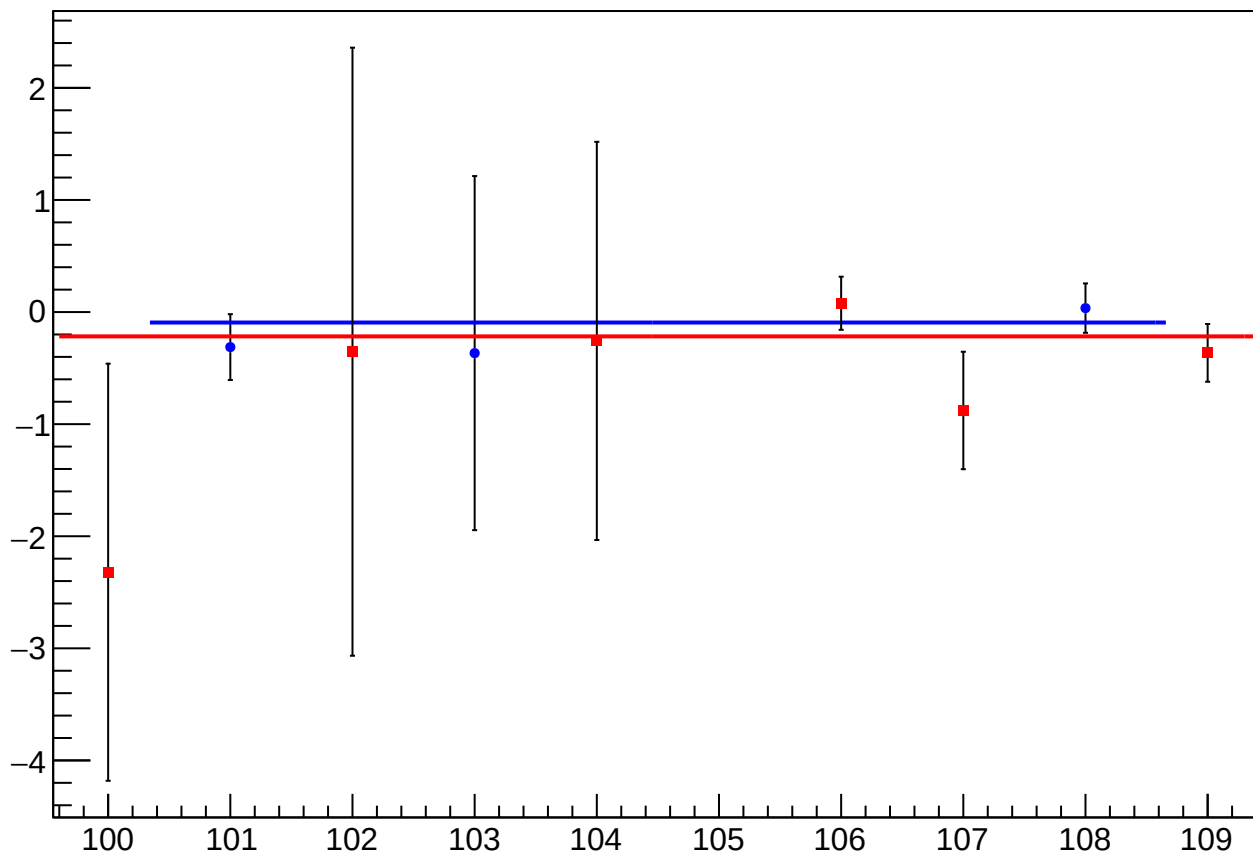
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.059+/-0.085 χ^2/NDF : 2691669.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.093+/-0.175 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.217+/-0.164 χ^2/NDF : 4.8/5

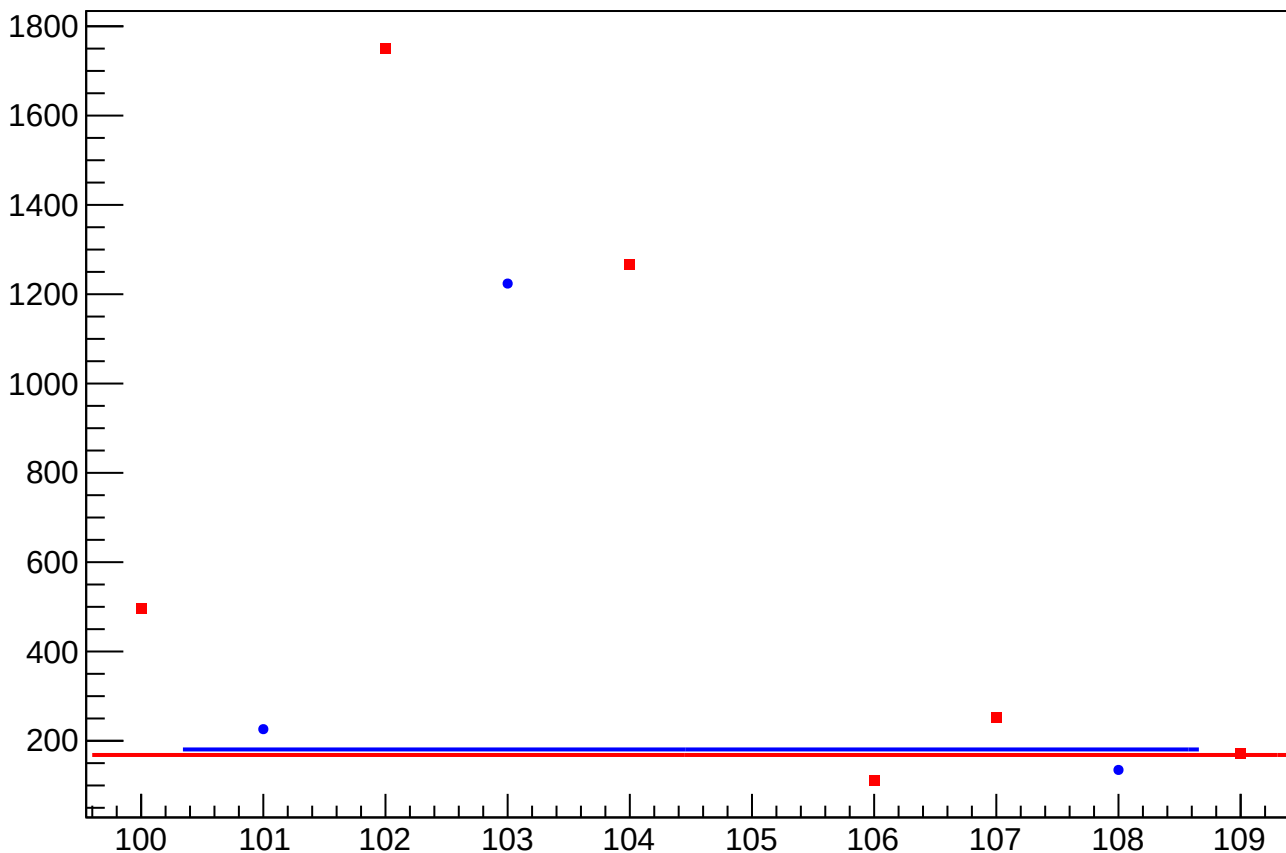
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.159+/-0.120 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 180.660 $\pm$ 0.124 χ^2 /NDF: 1006983.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 168.285 $\pm$ 0.116 χ^2 /NDF: 1679359.0/5

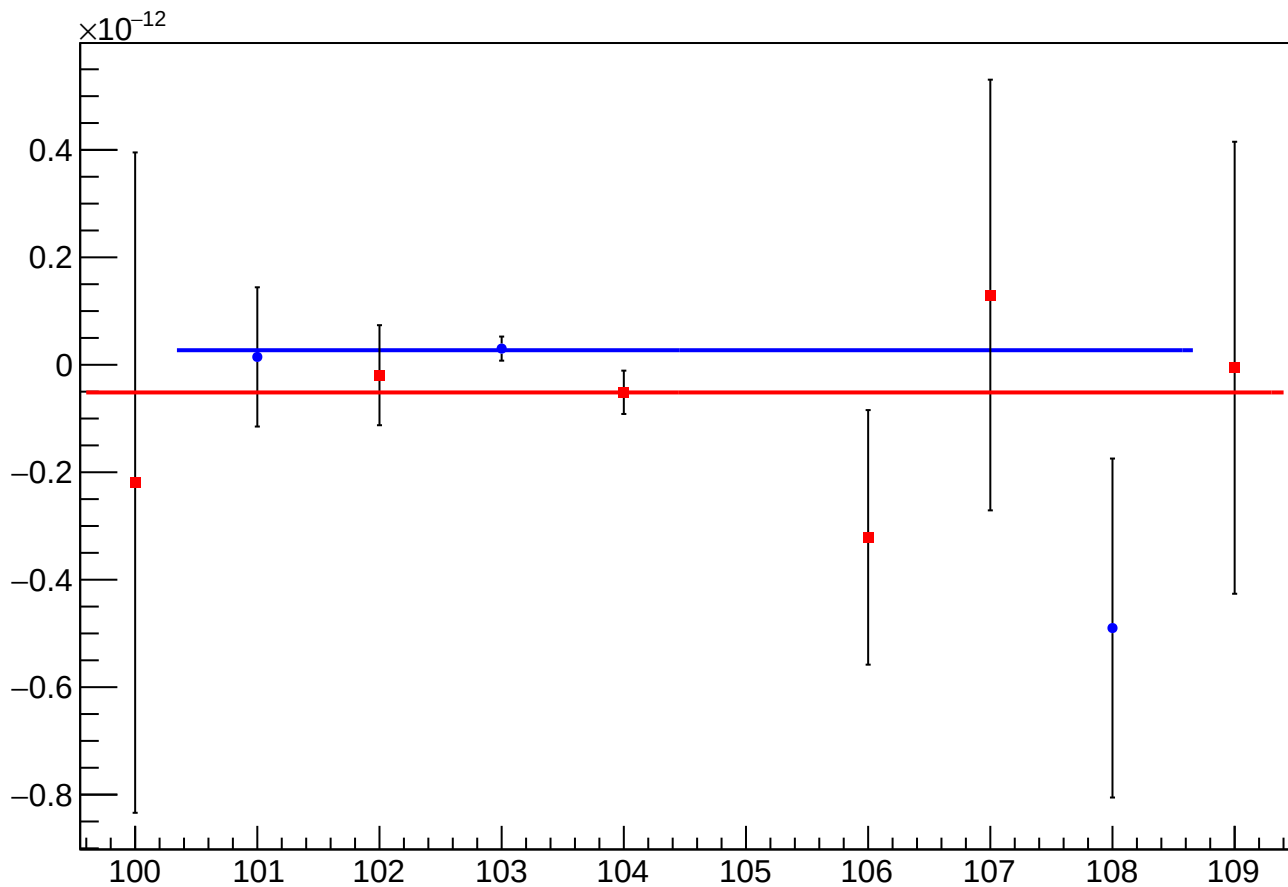
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.059 $\pm$ 0.085 χ^2 /NDF: 2691669.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.7/5

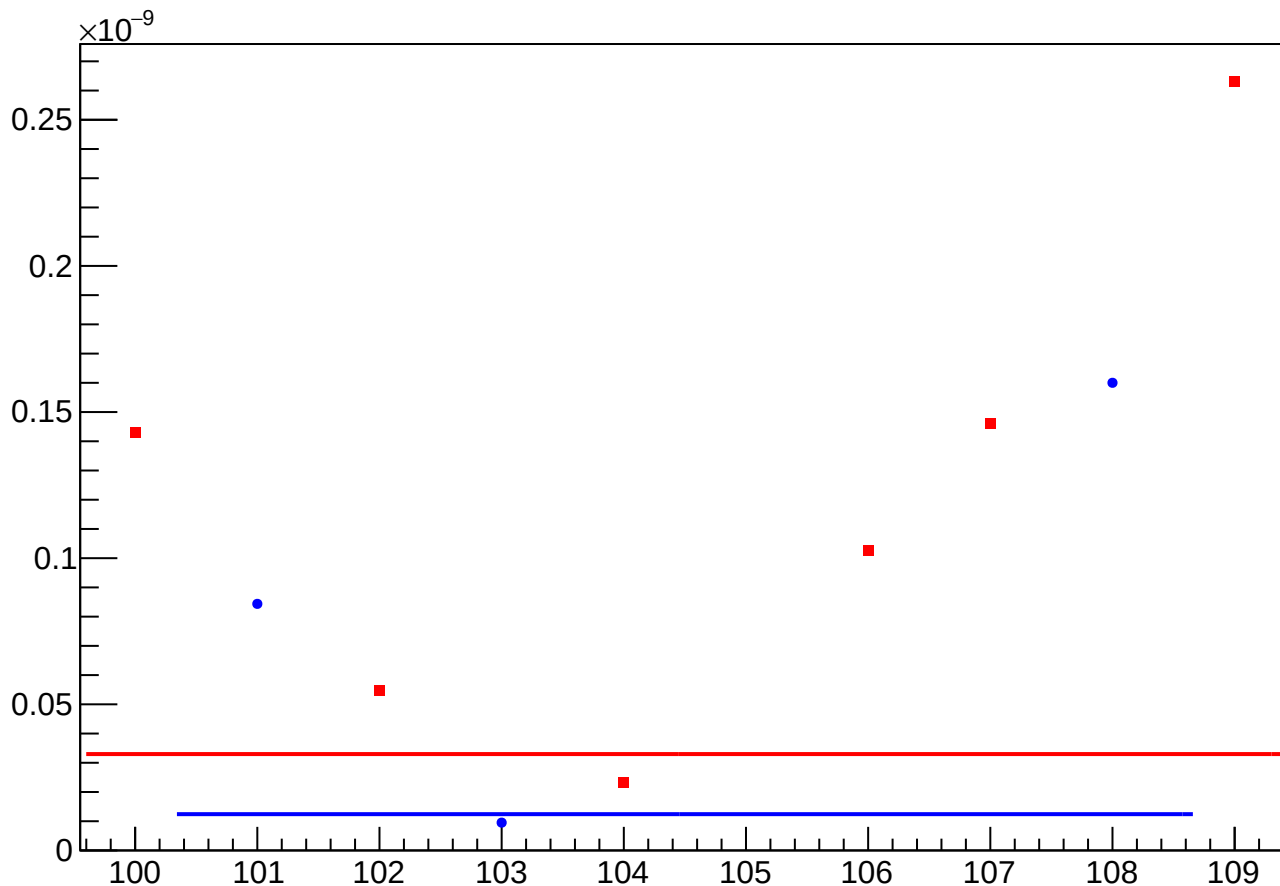
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1087801.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1220493.8/5

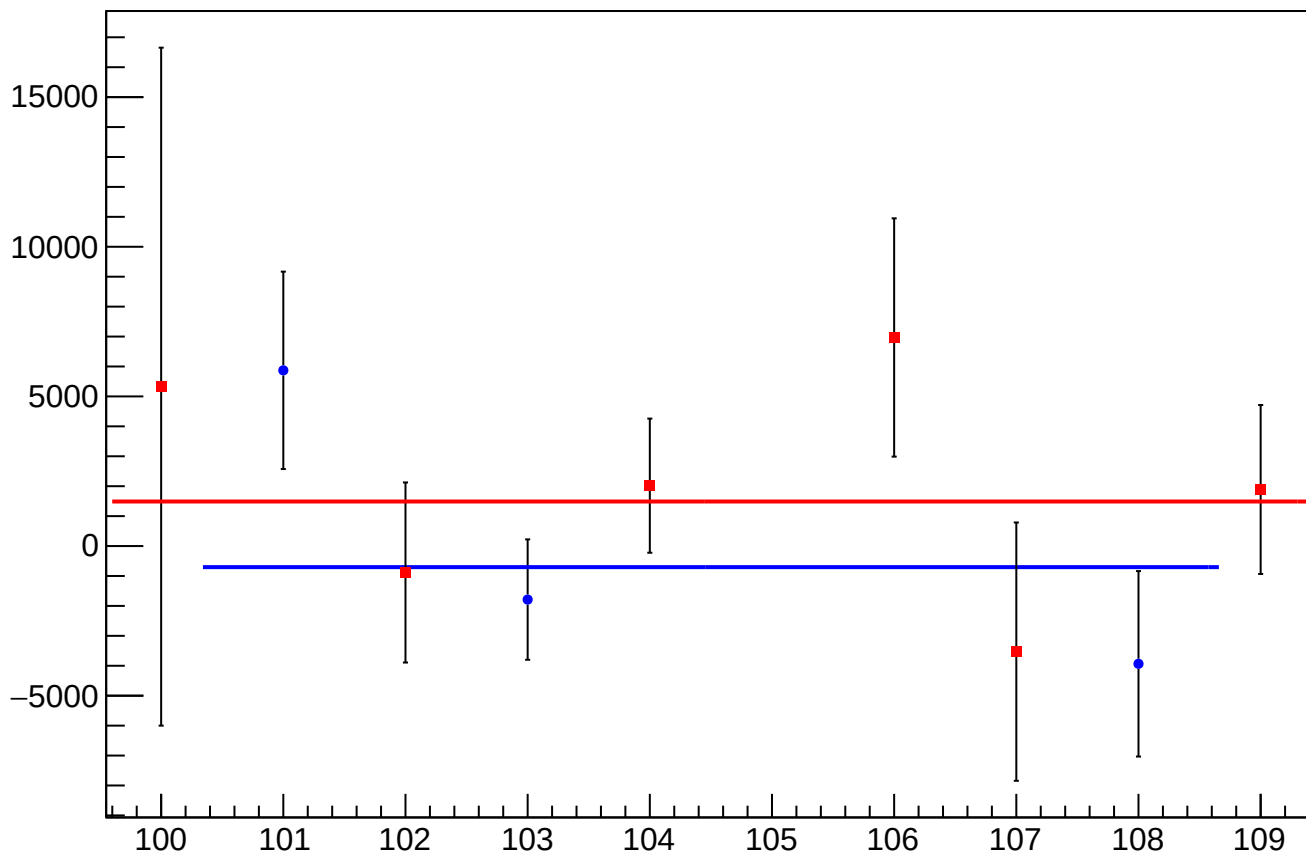
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2778837.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -703.989+/-1502.060 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1488.588+/-1336.657 χ^2/NDF : 4.1/5

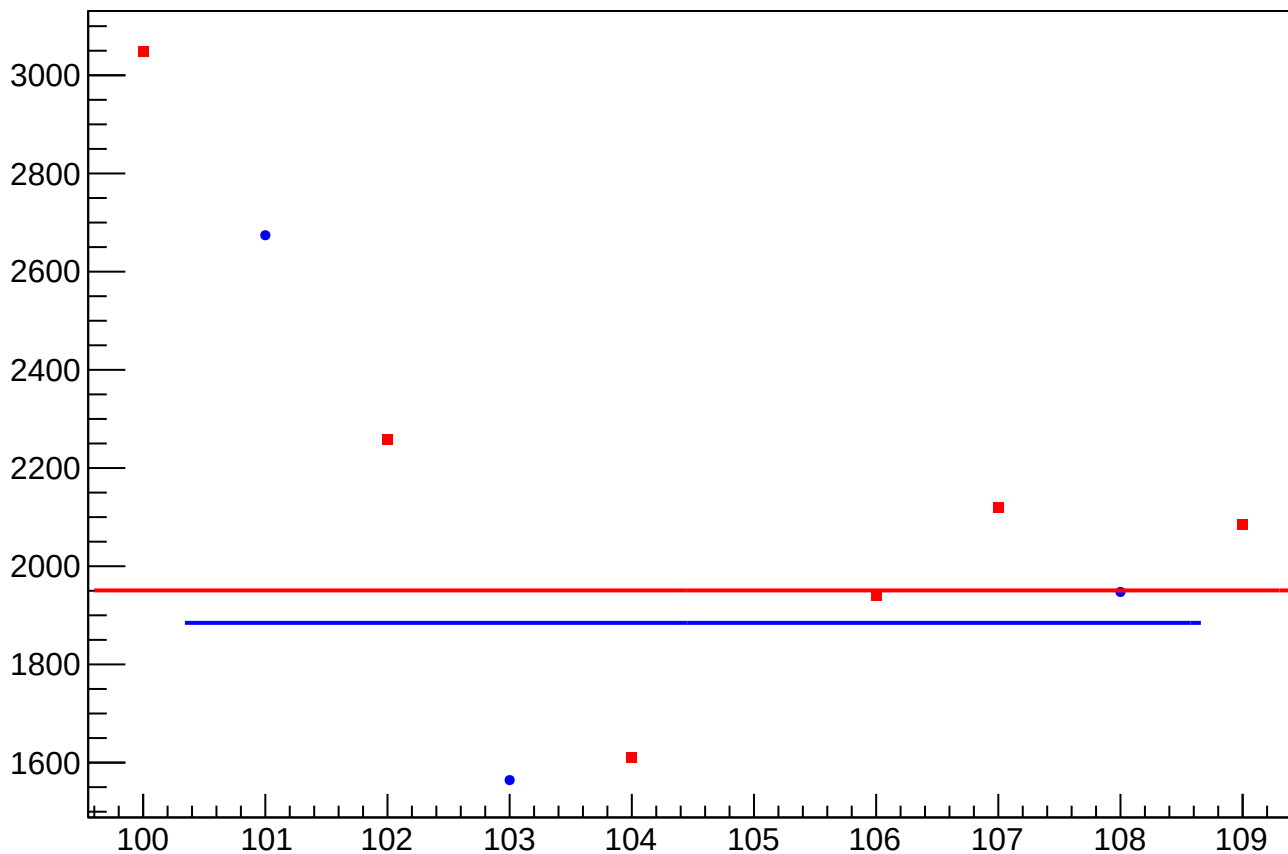
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 519.621+/-998.537 χ^2/NDF : 10.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1884.653+/-1.062 χ^2/NDF : 166155.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1950.715+/-0.937 χ^2/NDF : 93580.5/5

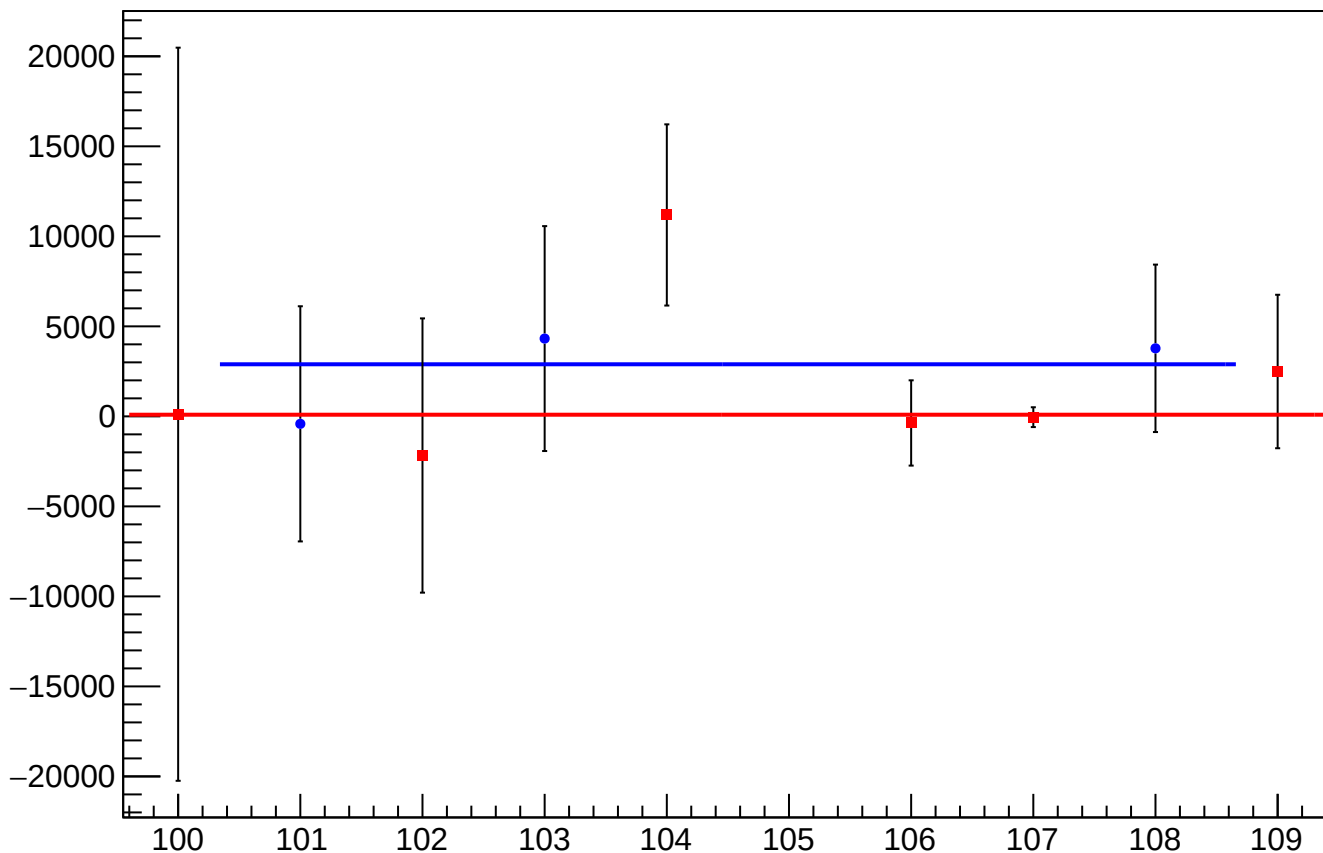
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1921.789+/-0.703 χ^2/NDF : 261910.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 2893.132 $\pm$ 3239.279 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.485 $\pm$ 527.529 χ^2 /NDF: 5.4/5

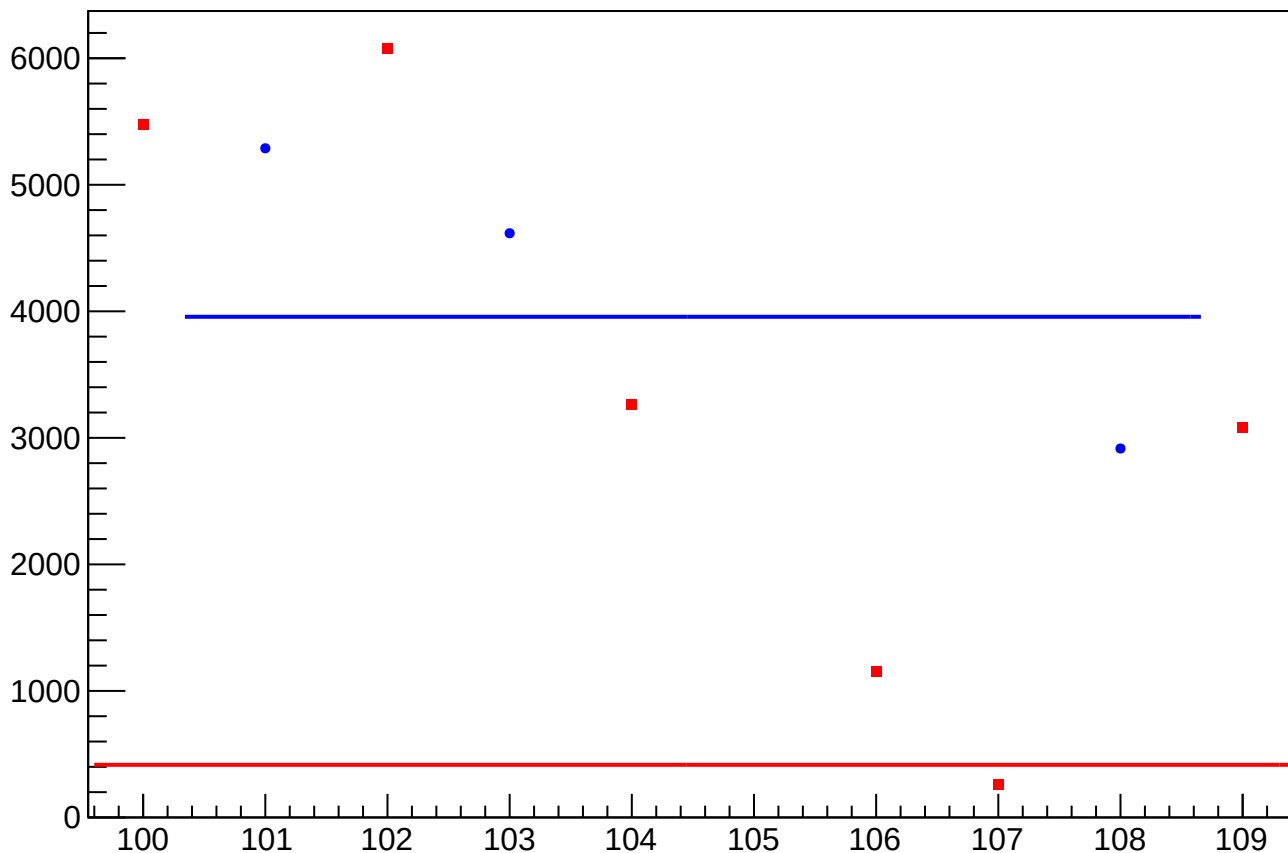
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.869 $\pm$ 520.670 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 3956.831+/-2.291 χ^2 /NDF: 205724.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 416.033+/-0.373 χ^2 /NDF: 2997482.0/5

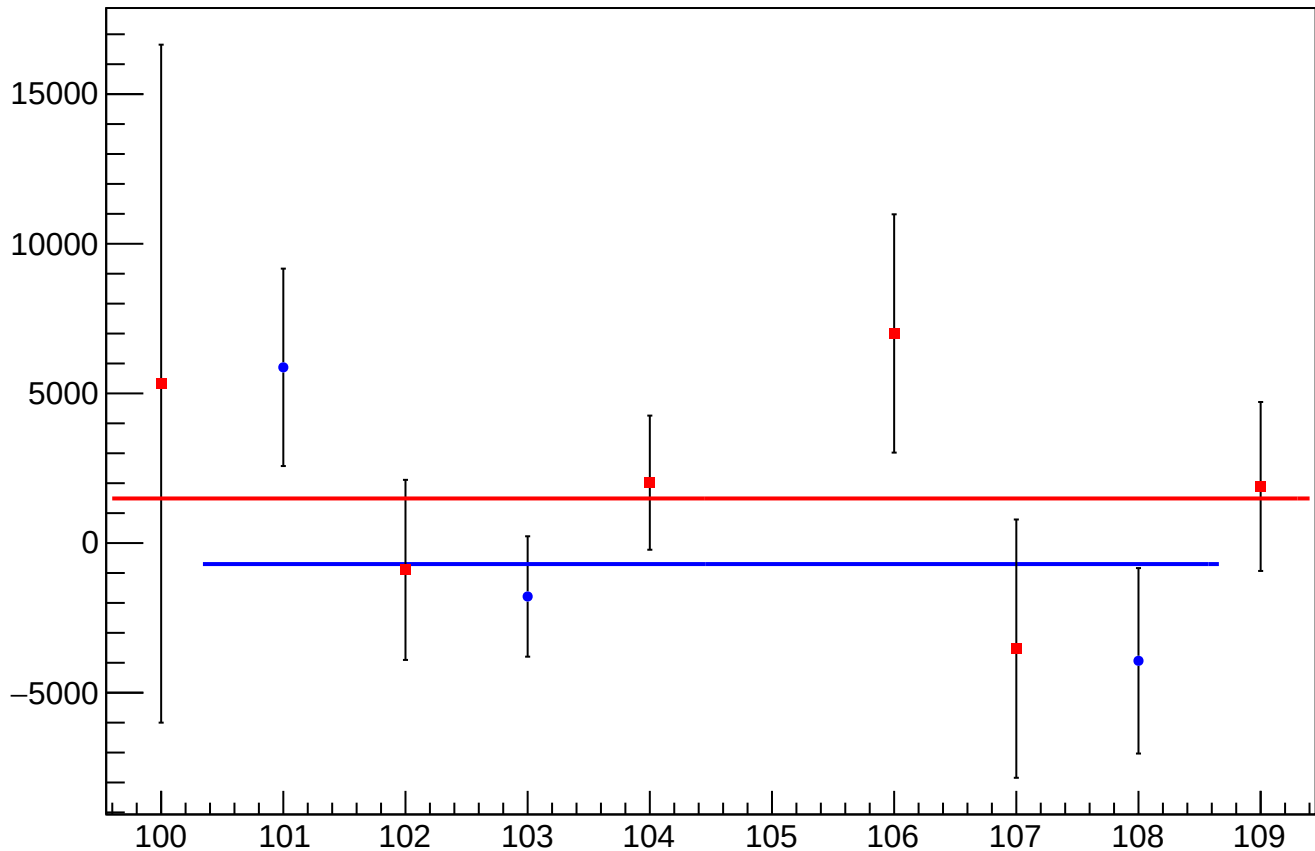
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 507.514+/-0.368 χ^2 /NDF: 5531123.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_mean vs Slug



Right In: -701.920+/-1502.061 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1489.944+/-1336.669 χ^2/NDF : 4.1/5

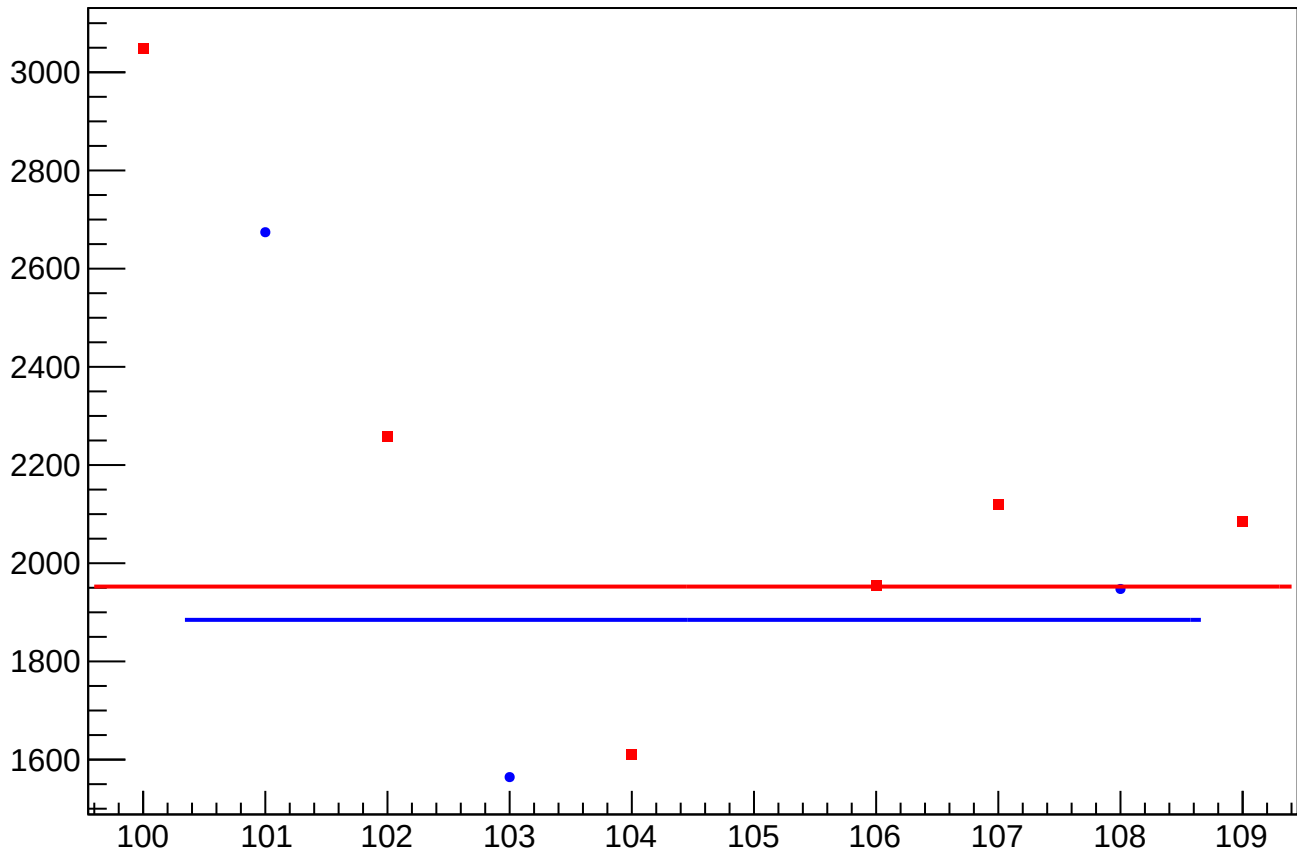
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.284+/-998.542 χ^2/NDF : 10.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1884.656 $\pm$ 1.062 χ^2 /NDF: 166154.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1952.438 $\pm$ 0.938 χ^2 /NDF: 93564.6/5

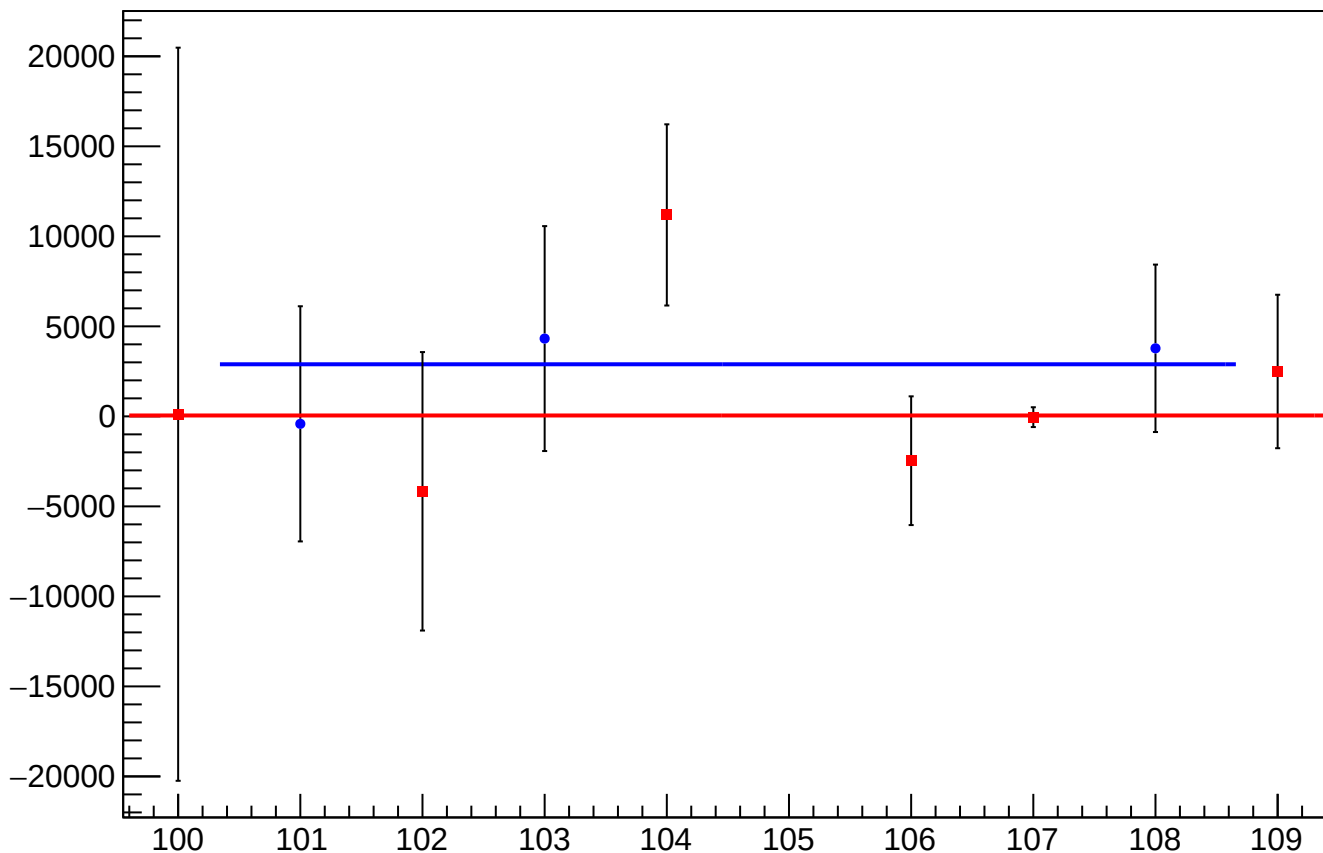
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1922.732 $\pm$ 0.703 χ^2 /NDF: 262006.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 2893.231 $\pm$ 3239.348 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.066 $\pm$ 535.032 χ^2 /NDF: 6.0/5

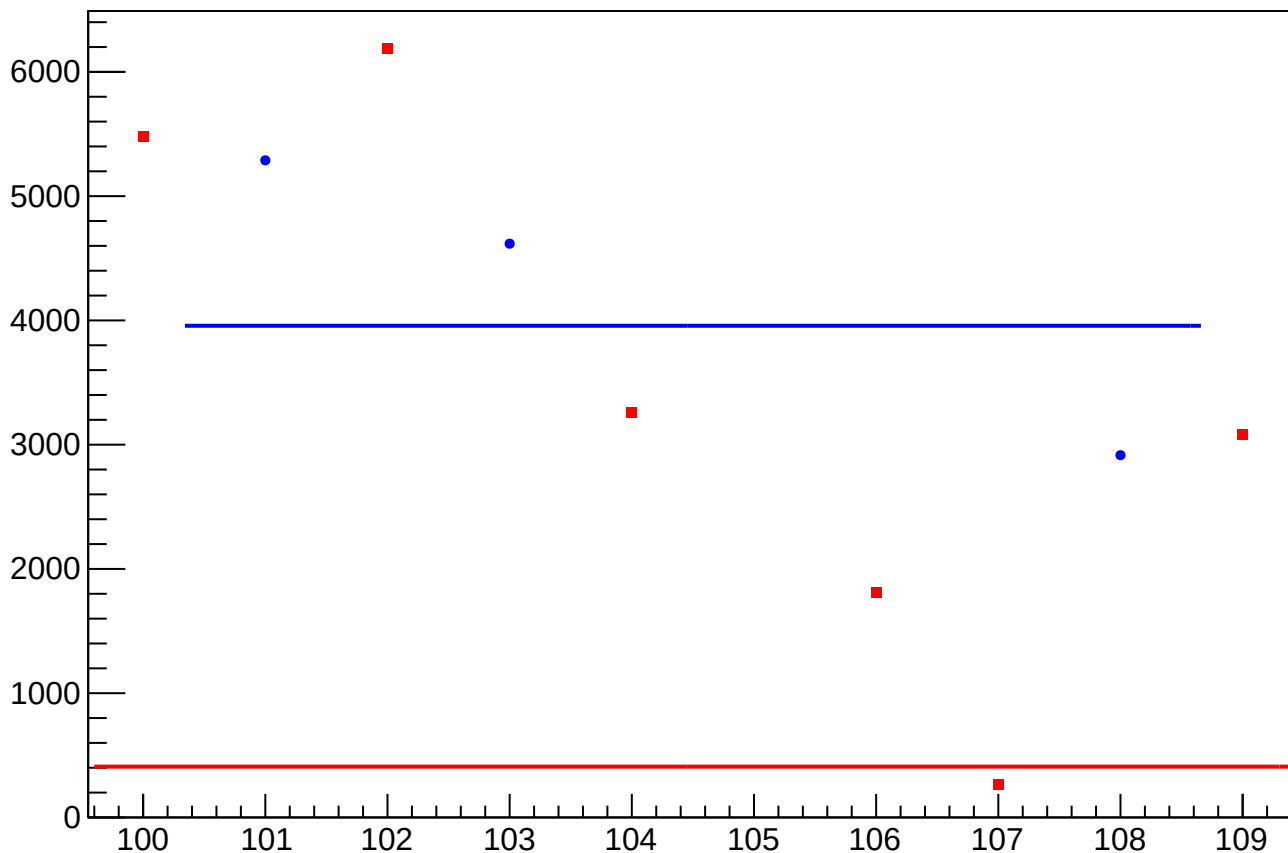
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.594 $\pm$ 527.880 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 3956.888 $\pm$ 2.291 χ^2 /NDF: 205746.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 409.110 $\pm$ 0.378 χ^2 /NDF: 3114560.3/5

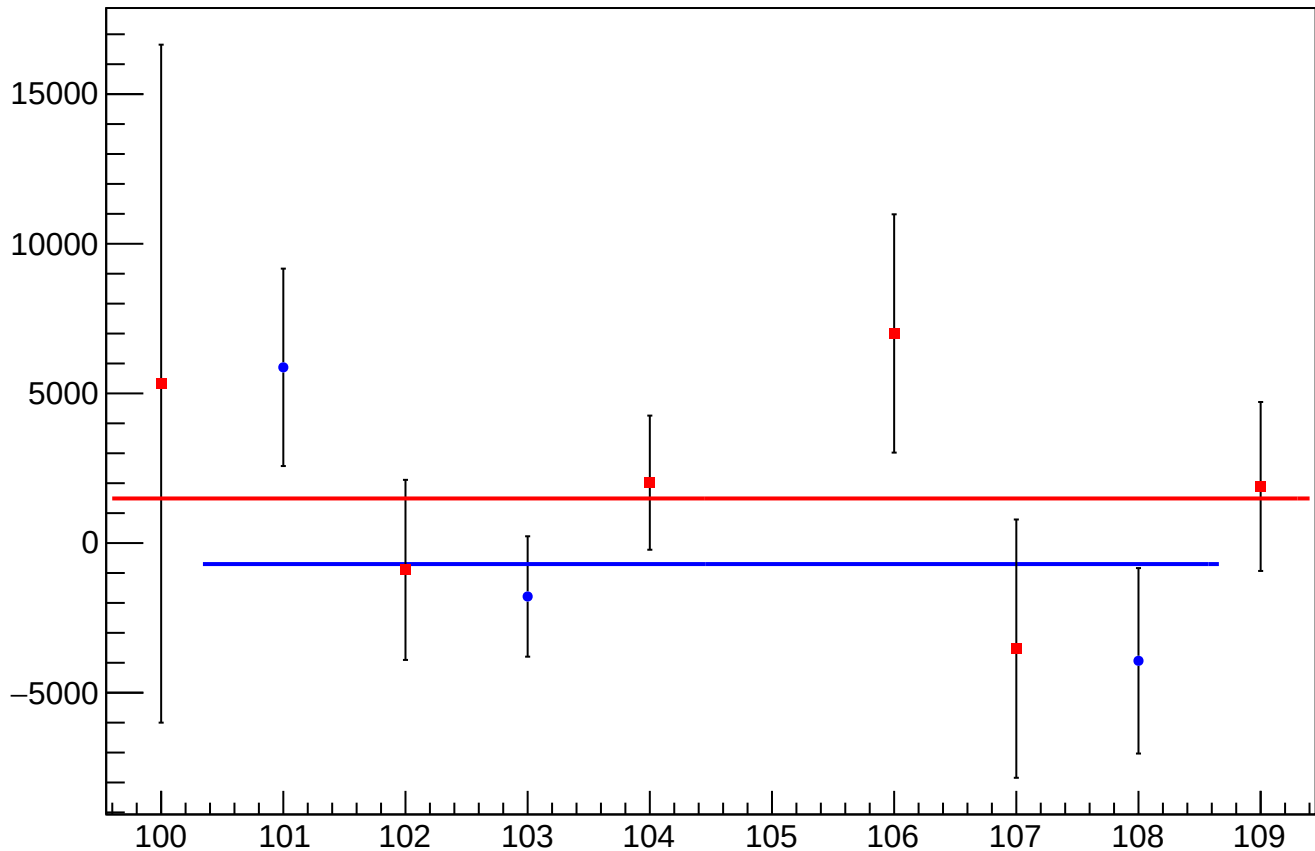
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 503.323 $\pm$ 0.373 χ^2 /NDF: 5655585.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -701.920+/-1502.061 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1489.944+/-1336.669 χ^2/NDF : 4.1/5

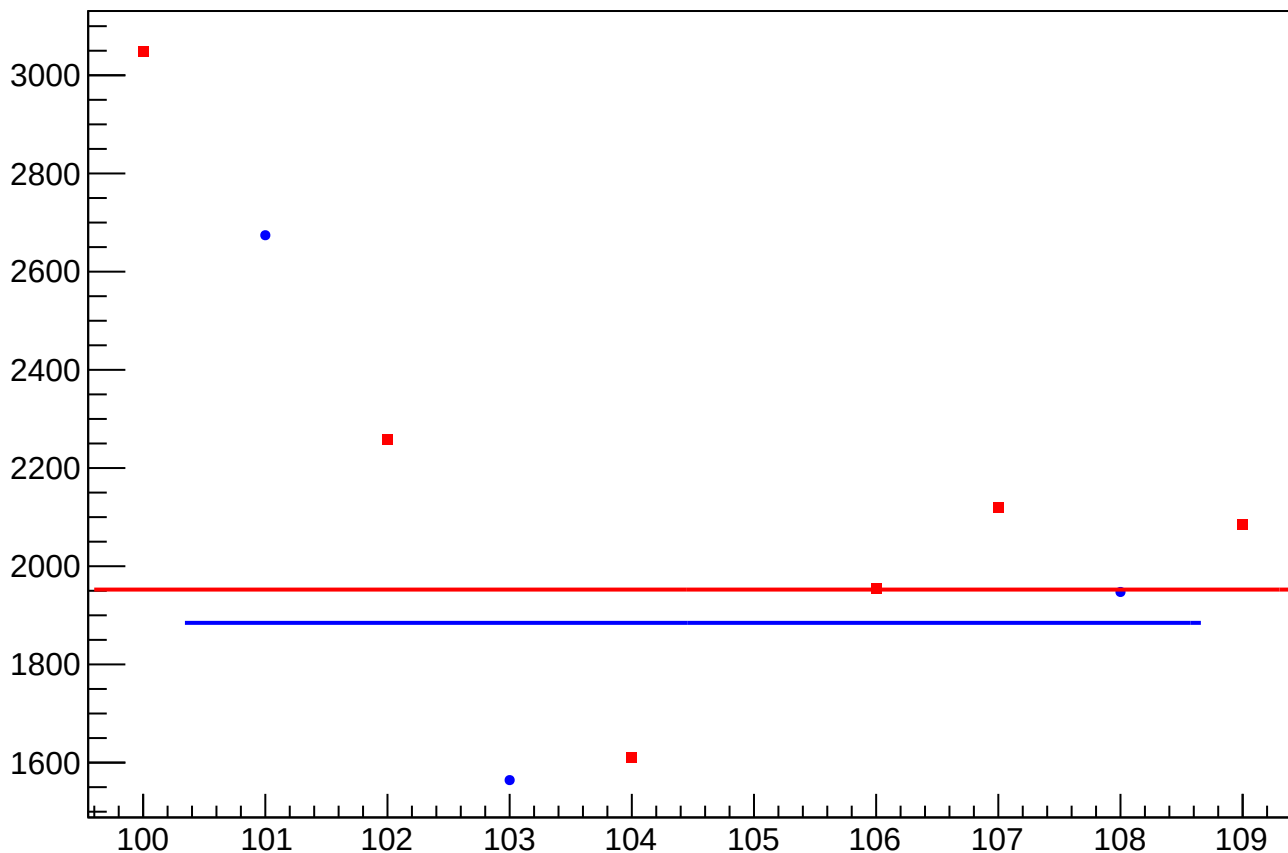
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 521.284+/-998.542 χ^2/NDF : 10.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1884.656+/-1.062 χ^2/NDF : 166154.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1952.438+/-0.938 χ^2/NDF : 93564.6/5

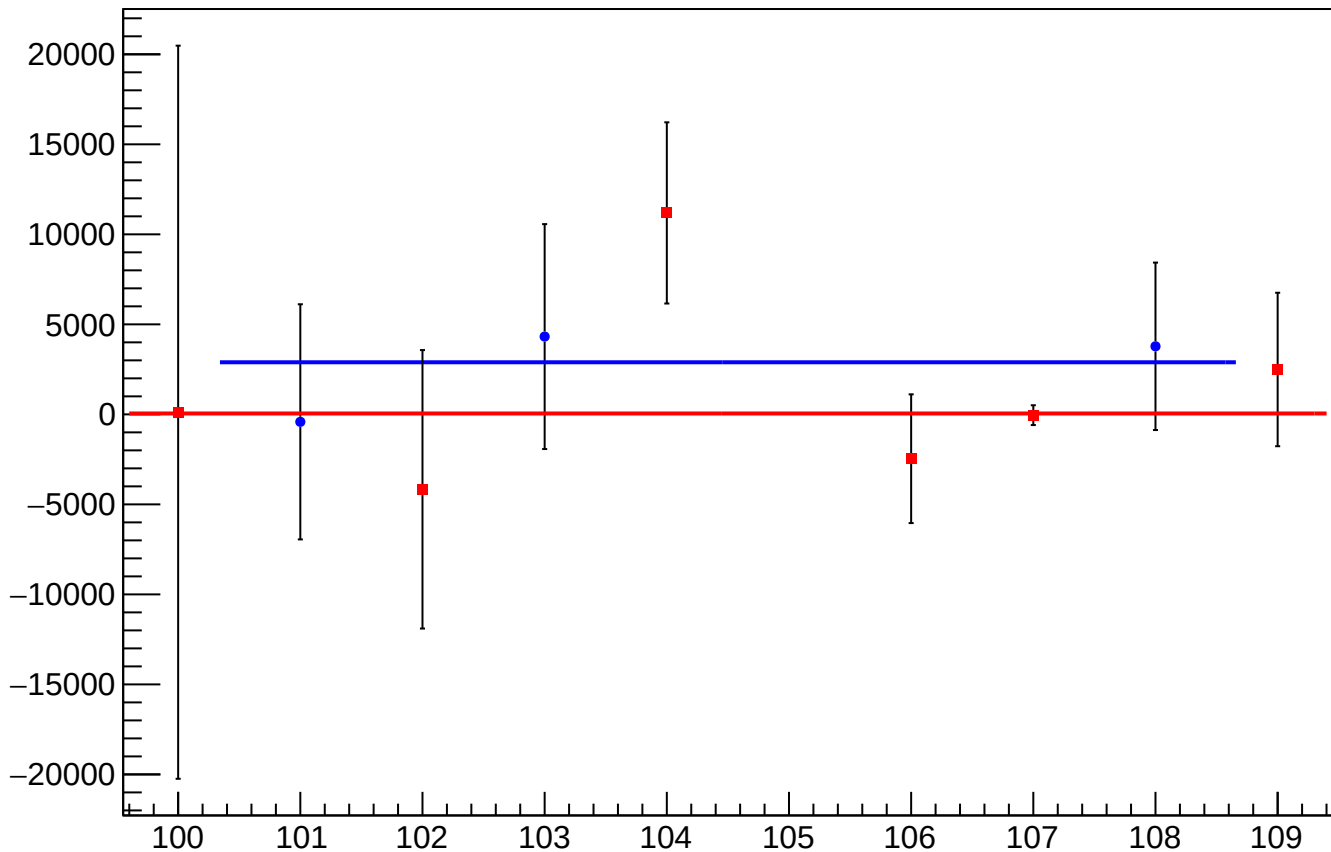
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1922.732+/-0.703 χ^2/NDF : 262006.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



Right In: 2893.231 $\pm$ 3239.348 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.066 $\pm$ 535.032 χ^2 /NDF: 6.0/5

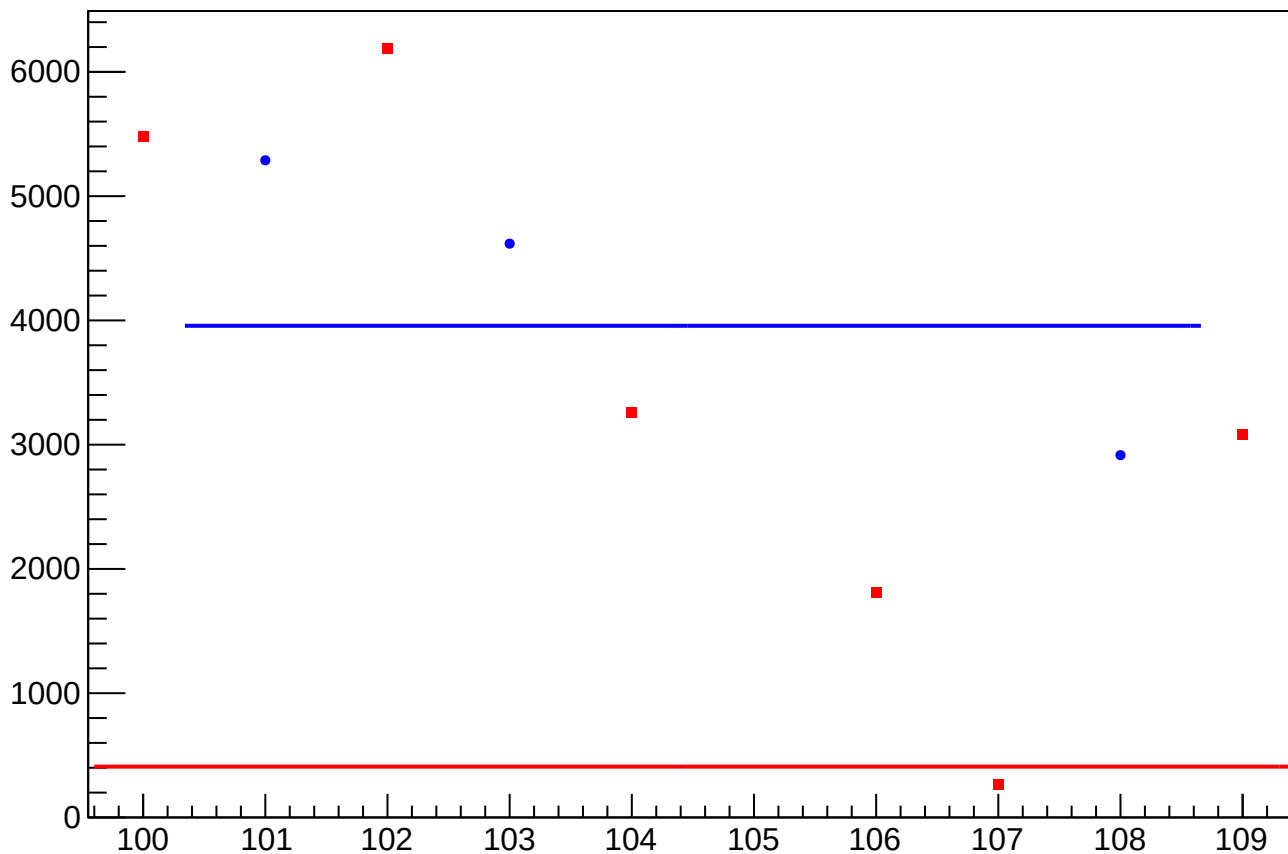
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.594 $\pm$ 527.880 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 3956.888+/-2.291 χ^2/NDF : 205746.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.110+/-0.378 χ^2/NDF : 3114560.3/5

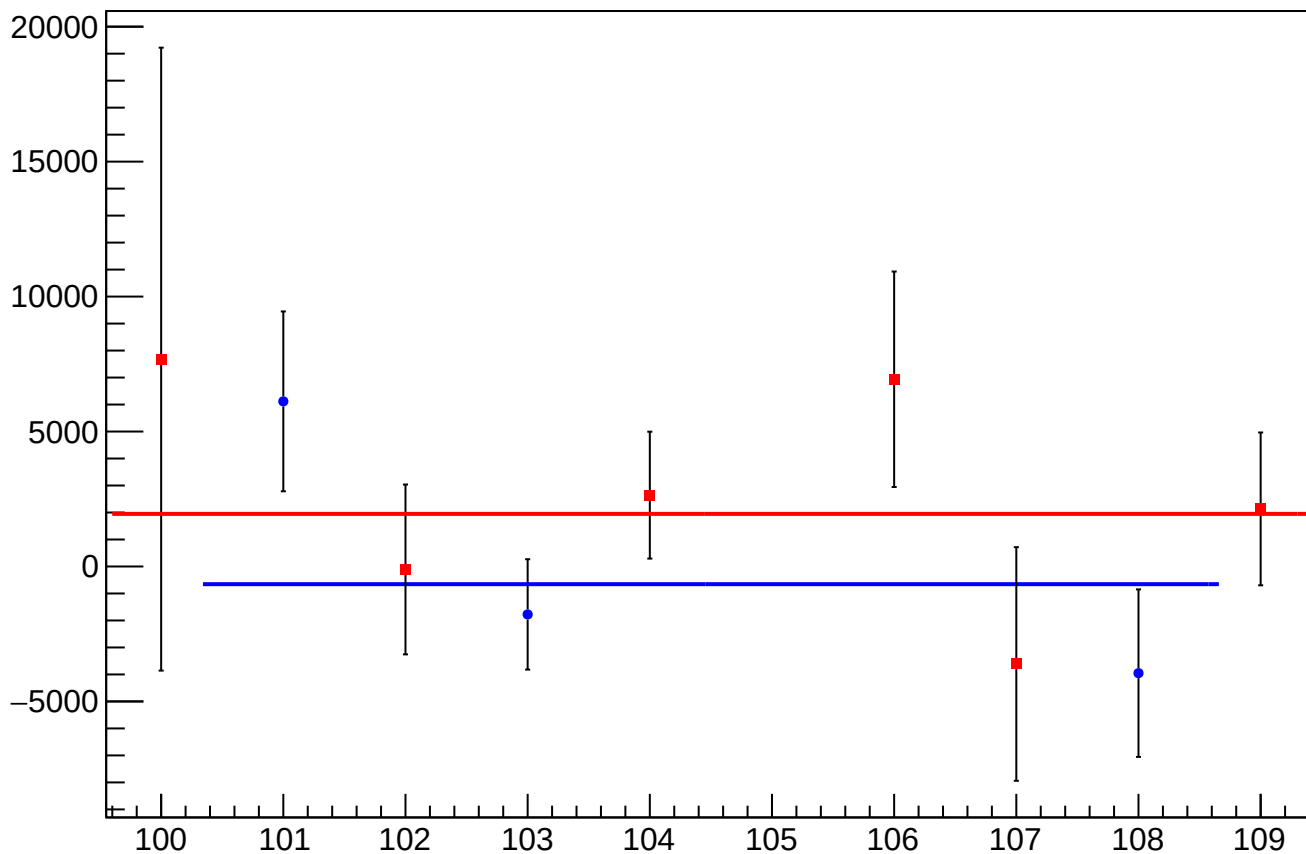
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 503.323+/-0.373 χ^2/NDF : 5655585.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -655.170+/-1519.467 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.063+/-1373.117 χ^2/NDF : 4.0/5

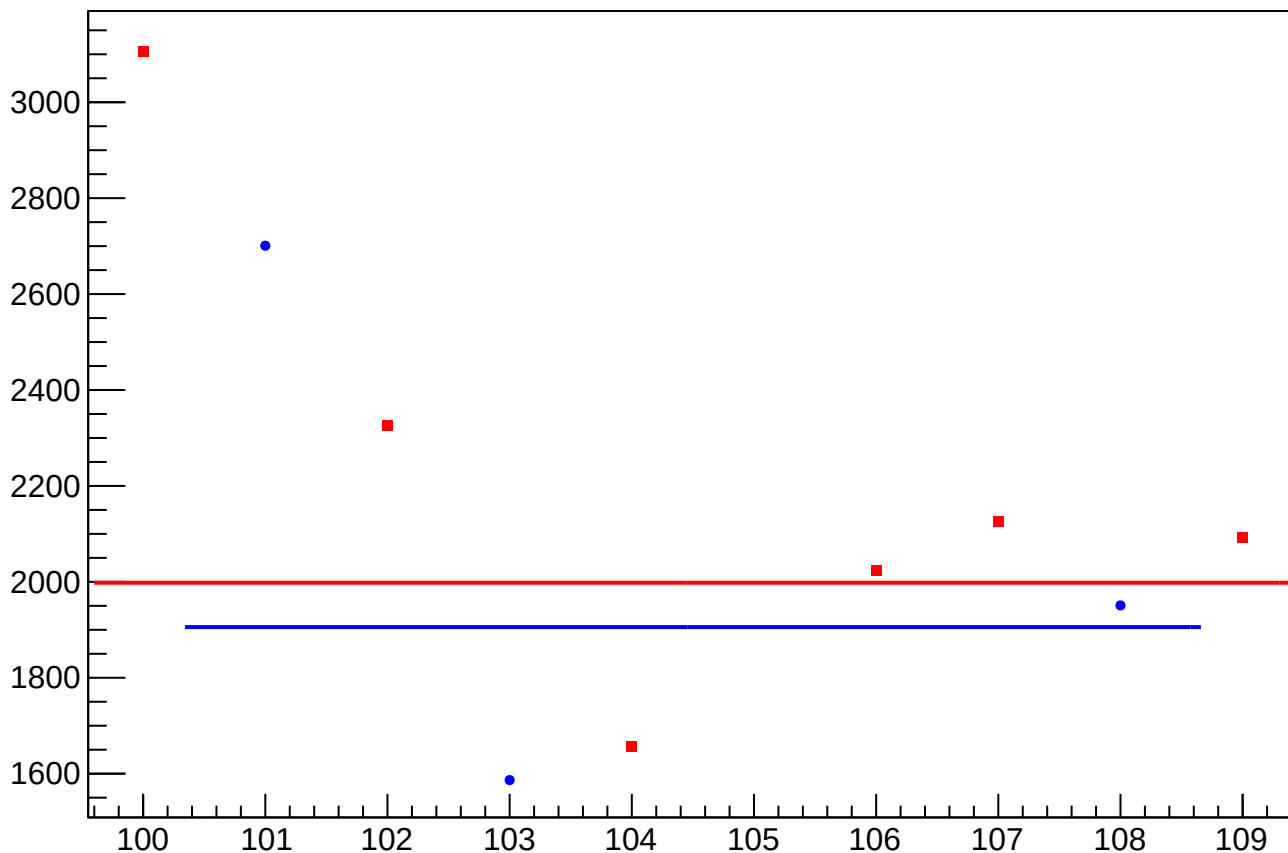
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.371+/-1018.762 χ^2/NDF : 11.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1905.689+/-1.074 χ^2/NDF : 163057.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1998.173+/-0.968 χ^2/NDF : 86236.4/5

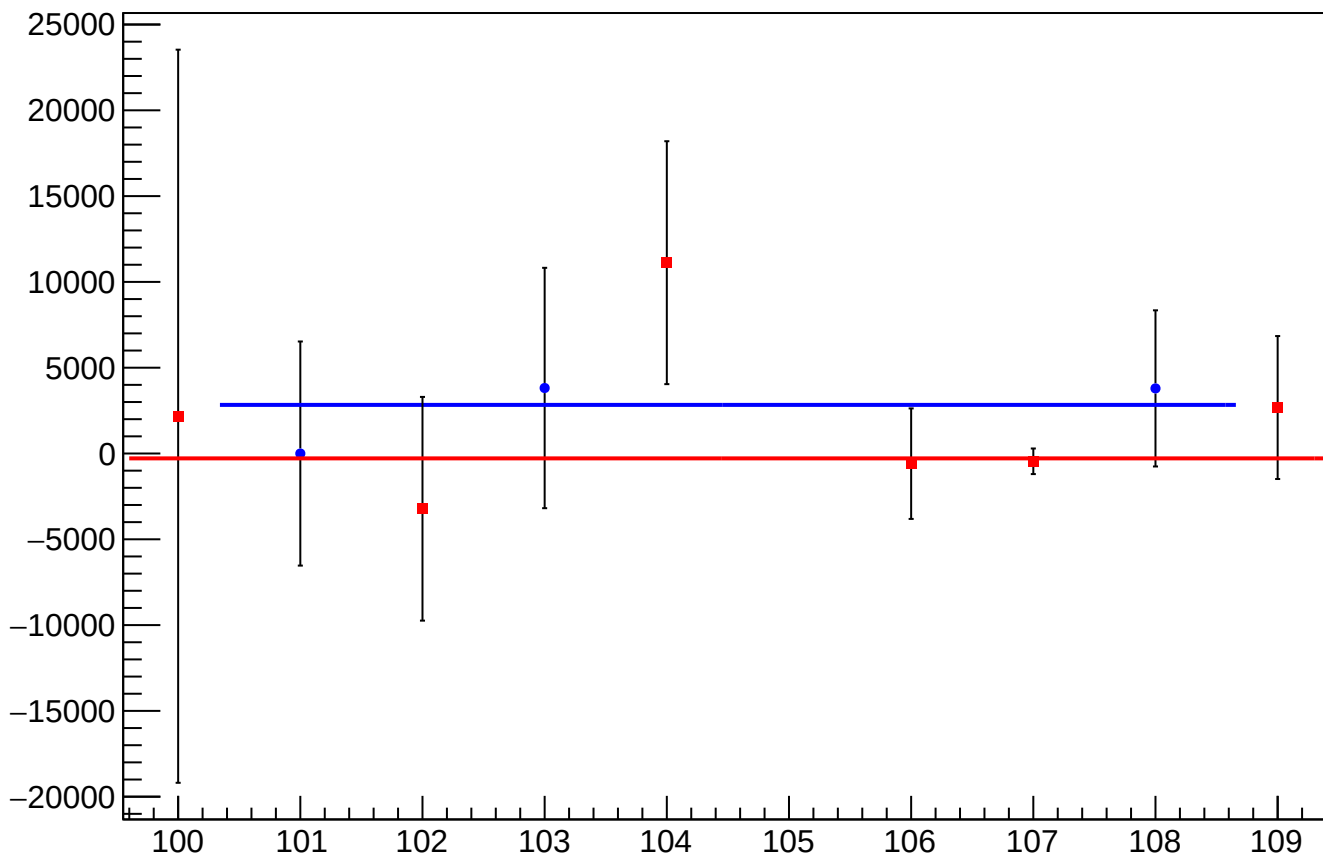
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.744+/-0.719 χ^2/NDF : 253383.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 2832.733+/-3294.440 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -284.361+/-707.452 χ^2/NDF : 3.4/5

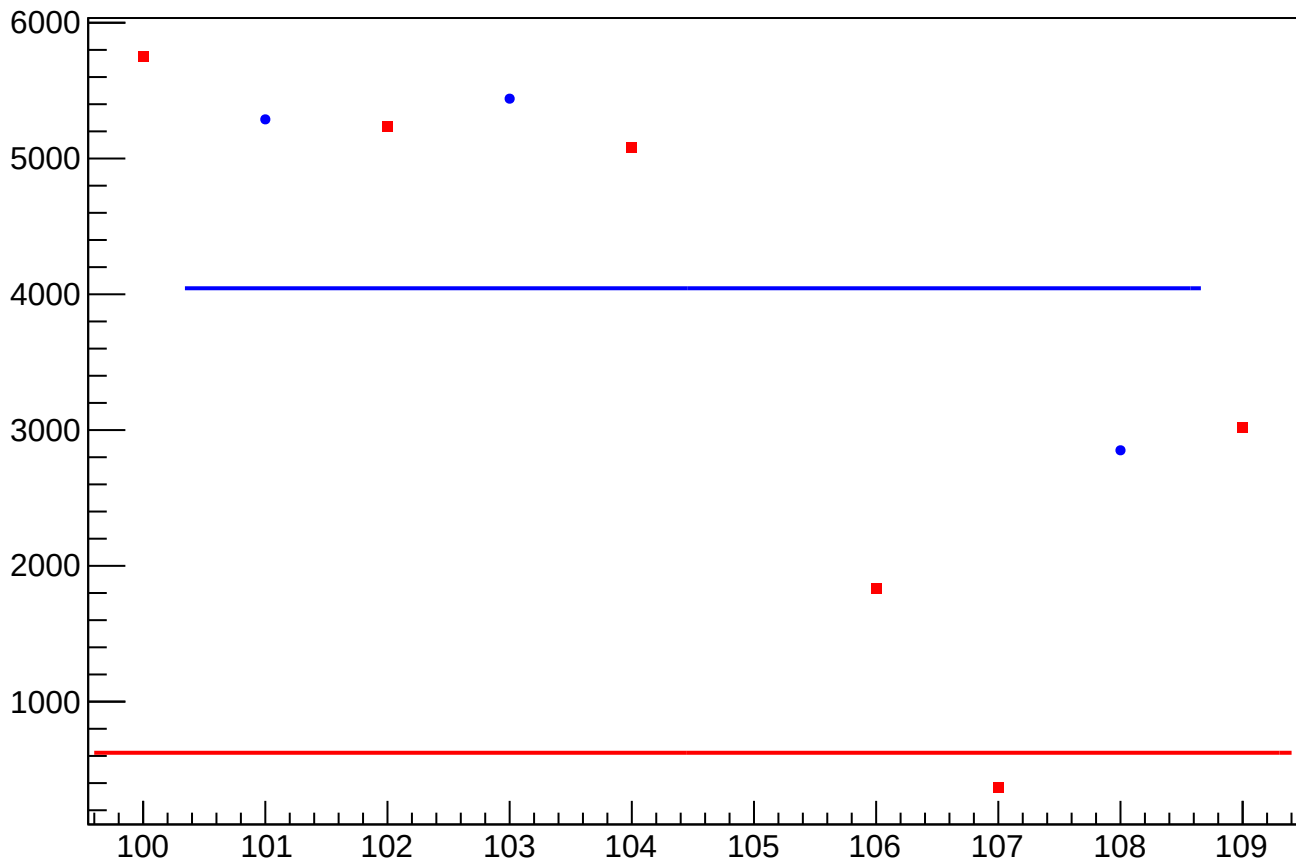
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -146.956+/-691.684 χ^2/NDF : 4.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 4044.411+/-2.330 χ^2/NDF : 289638.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.355+/-0.500 χ^2/NDF : 3089118.8/5

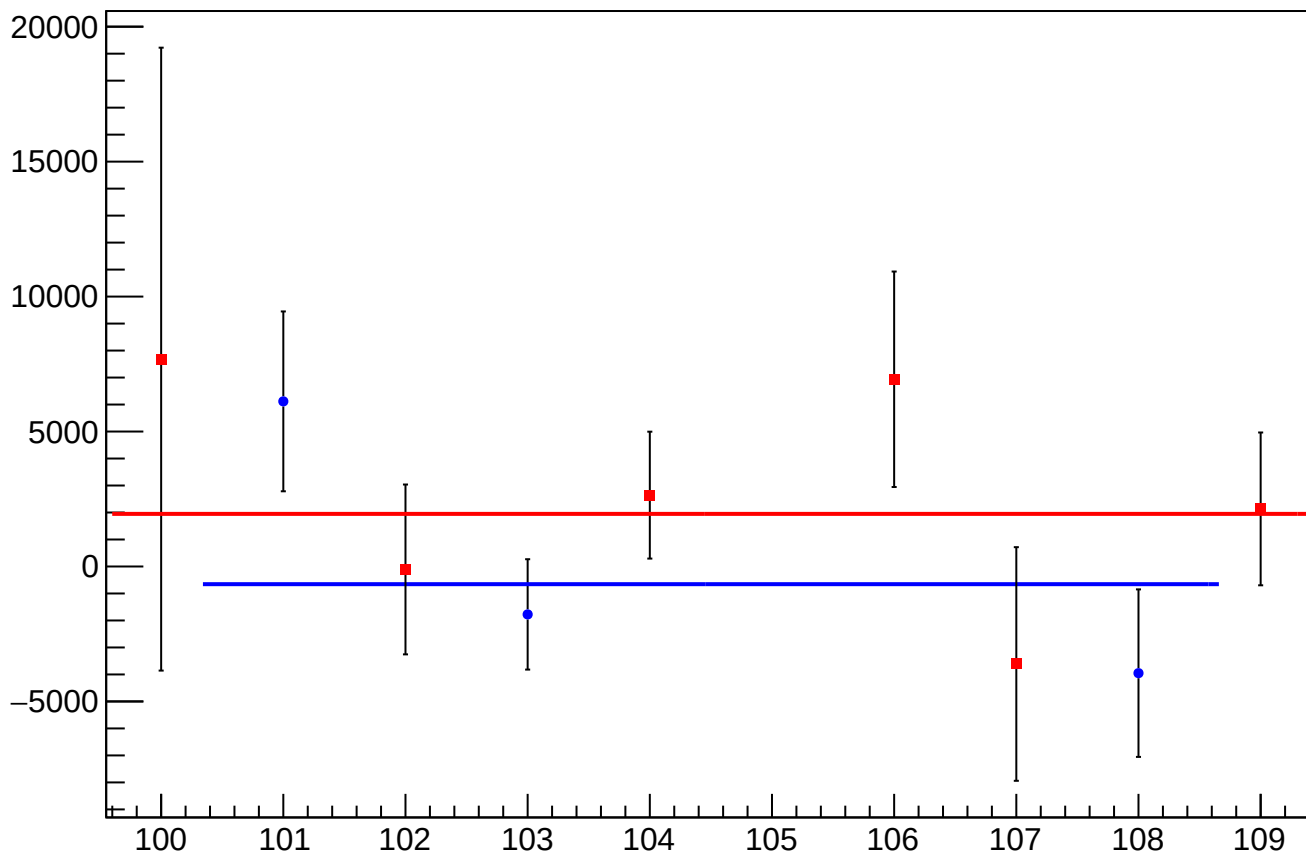
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.158+/-0.489 χ^2/NDF : 5440375.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -655.163+/-1519.467 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.068+/-1373.117 χ^2/NDF : 4.0/5

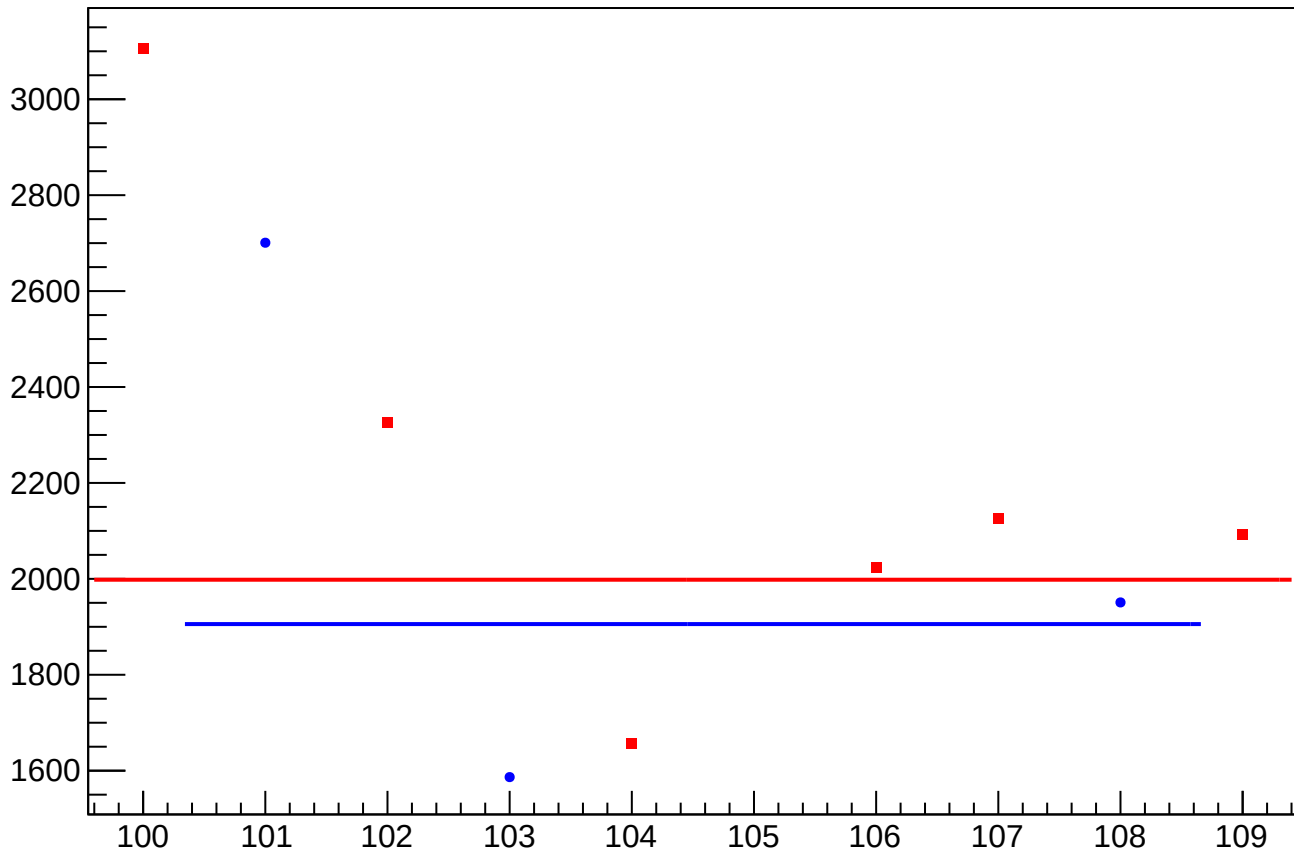
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.377+/-1018.762 χ^2/NDF : 11.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1905.689+/-1.074 χ^2/NDF : 163057.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1998.174+/-0.968 χ^2/NDF : 86236.4/5

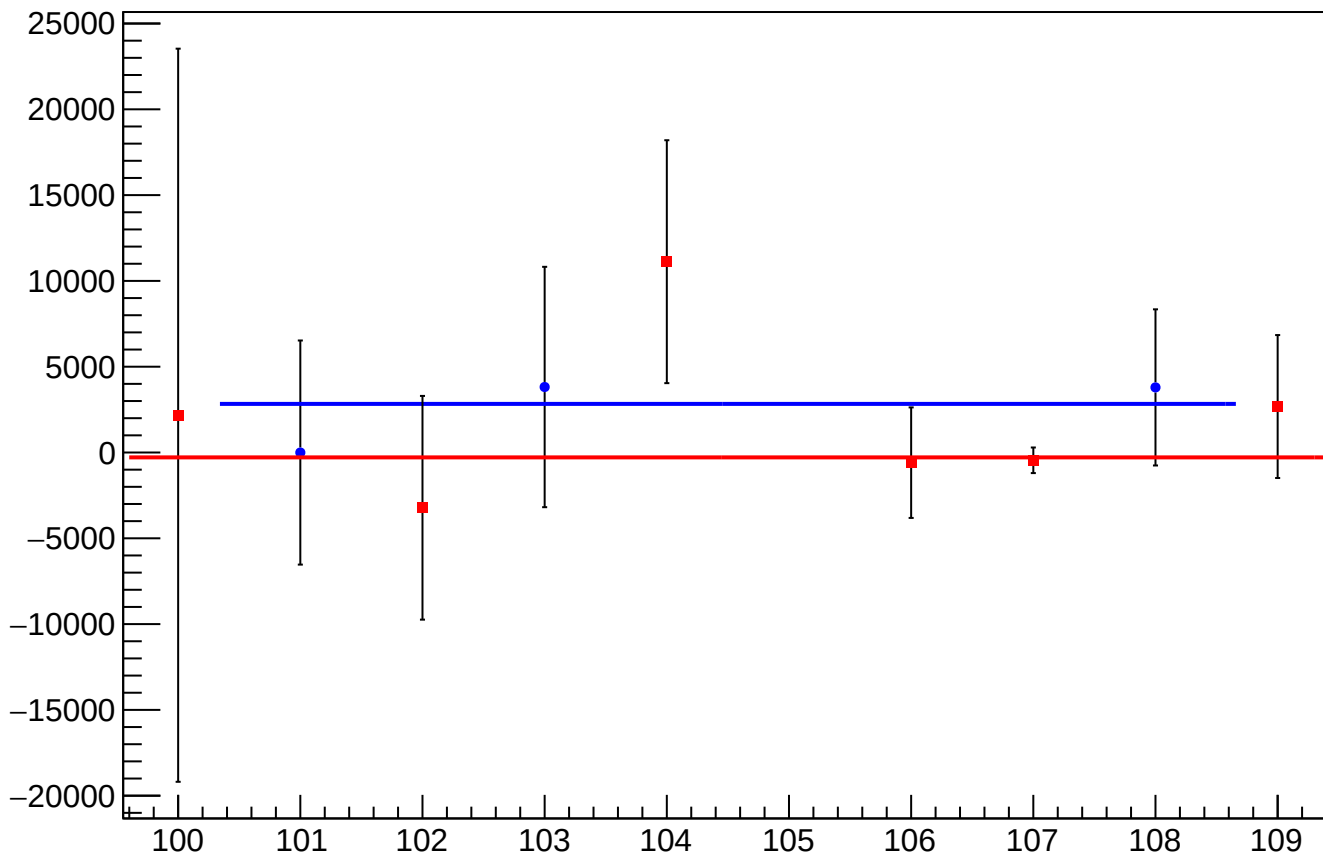
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1956.744+/-0.719 χ^2/NDF : 253383.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug



Right In: 2832.738 $\pm$ 3294.443 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -284.361 $\pm$ 707.466 χ^2 /NDF: 3.4/5

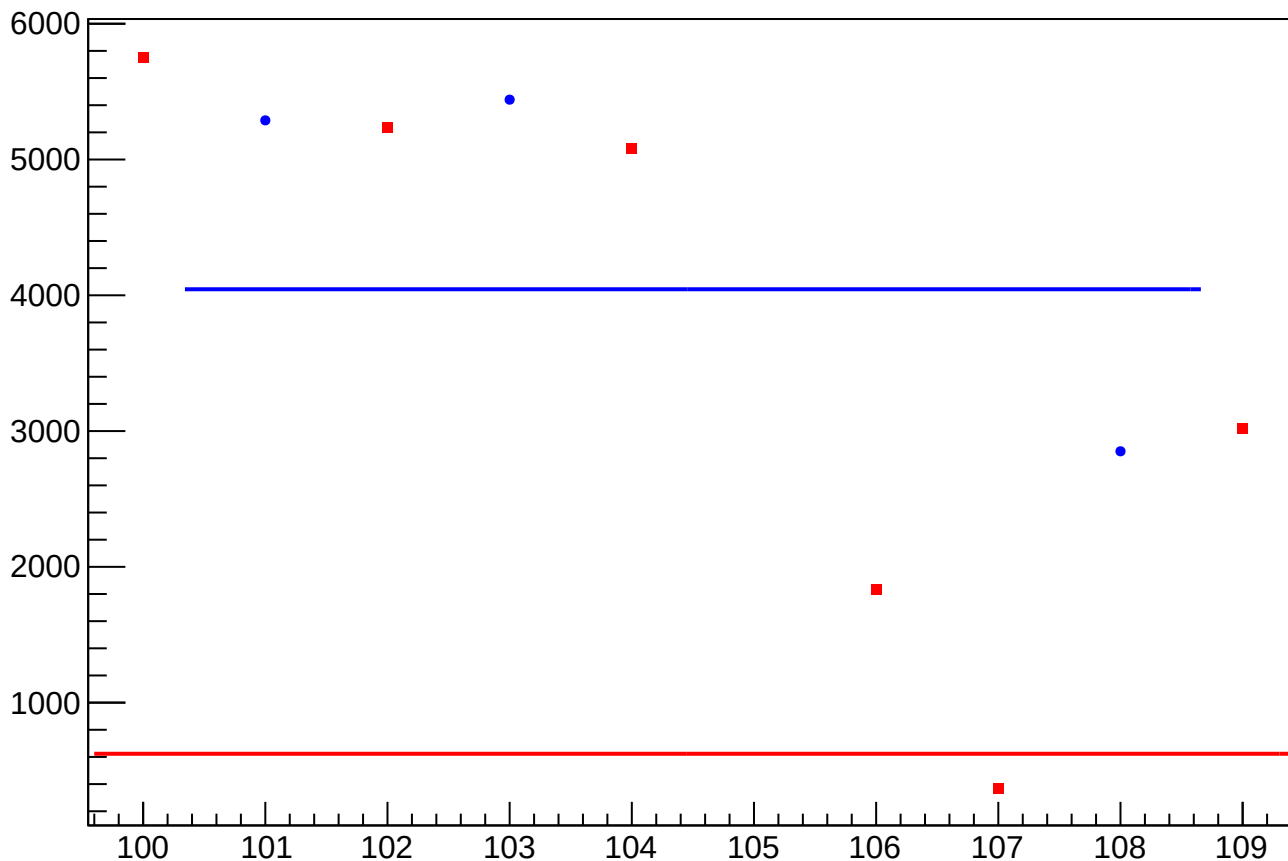
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -146.951 $\pm$ 691.697 χ^2 /NDF: 4.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 4044.416+/-2.330 χ^2/NDF : 289636.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.372+/-0.500 χ^2/NDF : 3089093.0/5

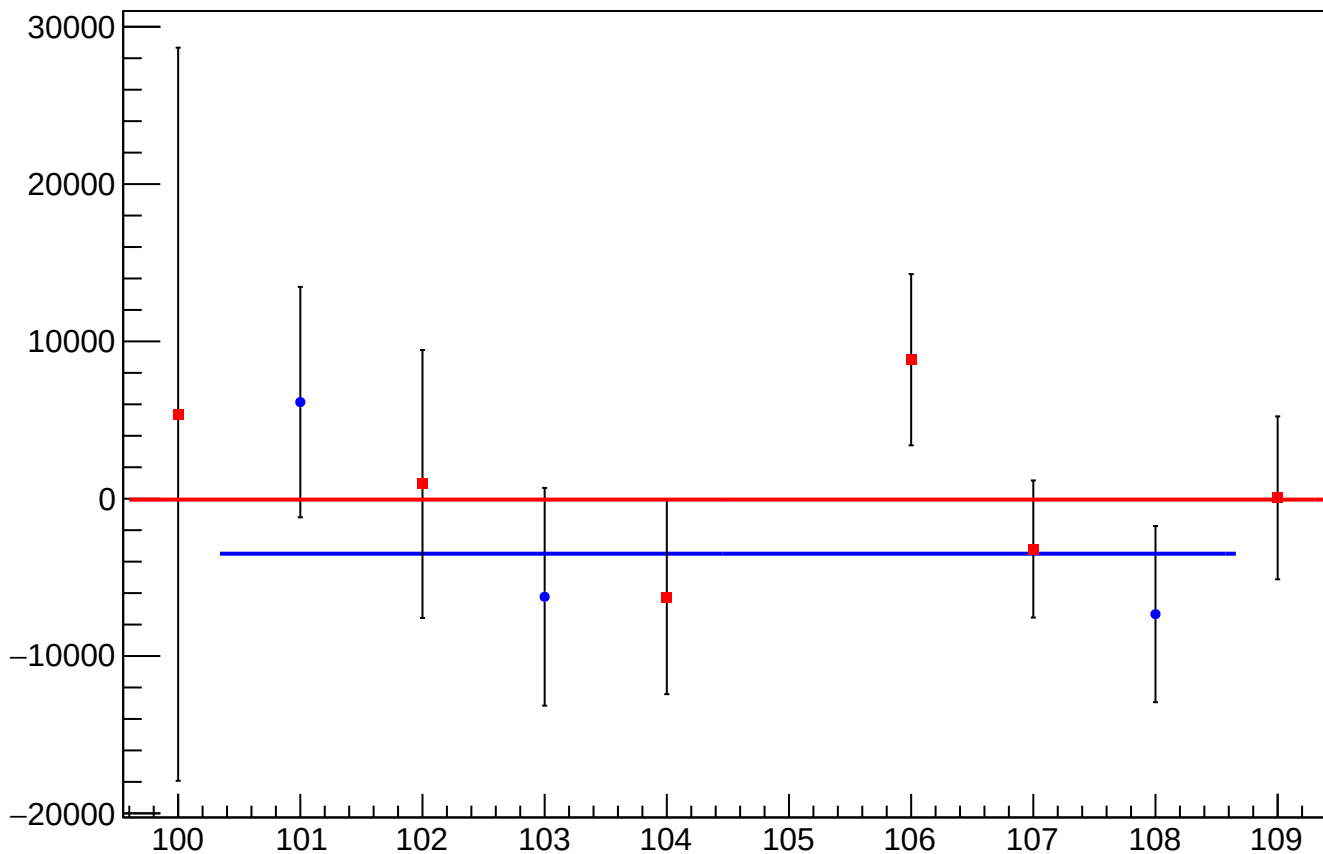
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.180+/-0.489 χ^2/NDF : 5440325.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_mean vs Slug



Right In: -3495.383+/-3742.128 χ^2 /NDF: 2.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -56.086+/-2457.387 χ^2 /NDF: 4.3/5

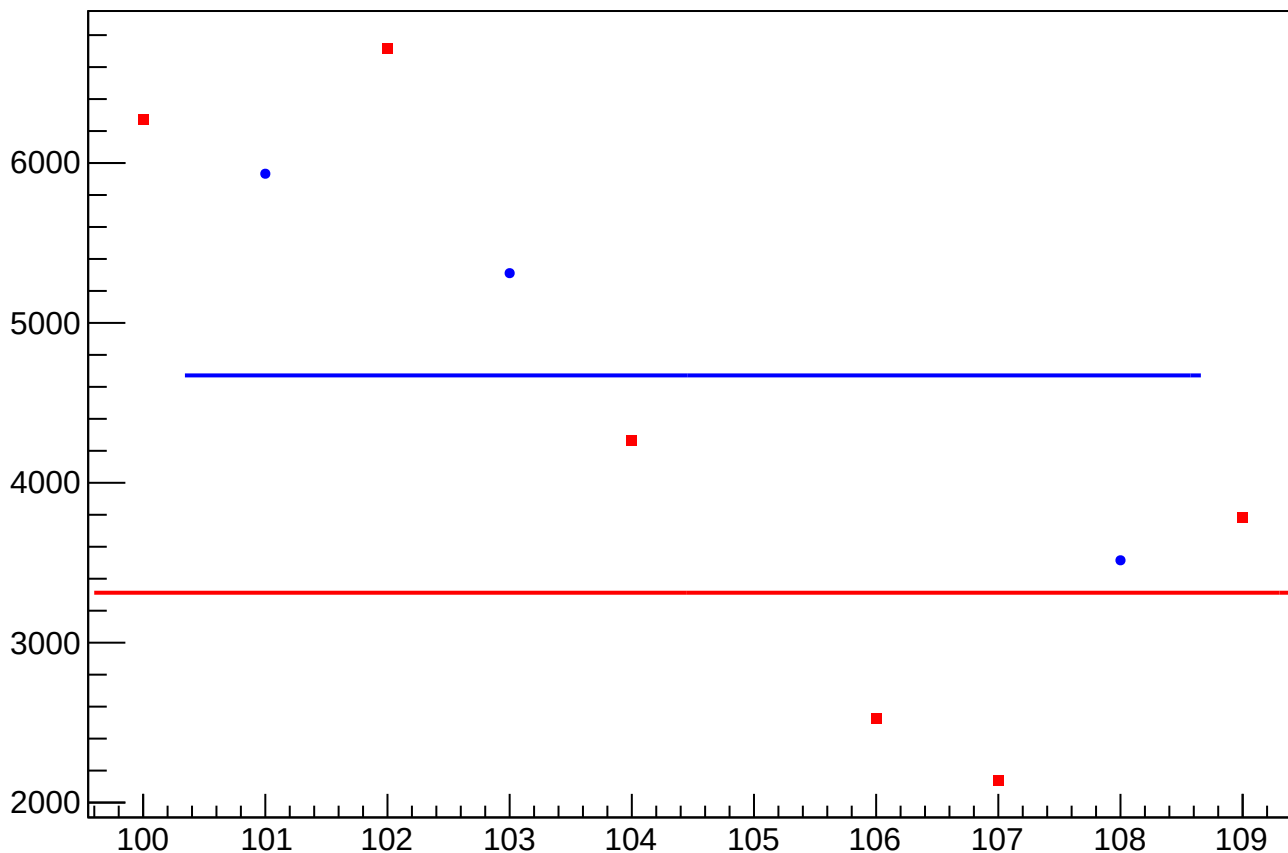
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1092.349+/-2054.087 χ^2 /NDF: 7.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_rms vs Slug



Right In: 4671.625+/-2.646 χ^2/NDF : 161686.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3312.412+/-1.695 χ^2/NDF : 612651.3/5

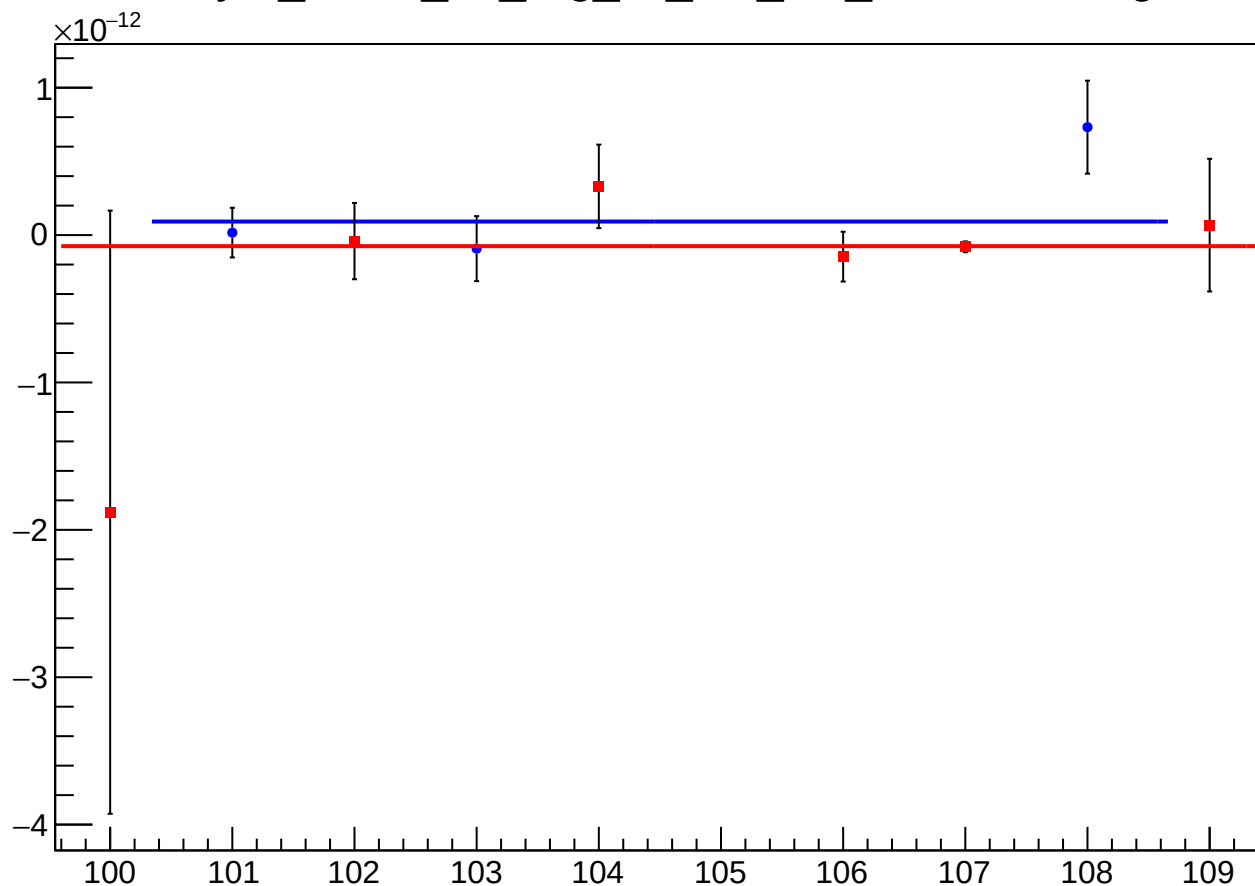
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3707.906+/-1.427 χ^2/NDF : 961418.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.1/5

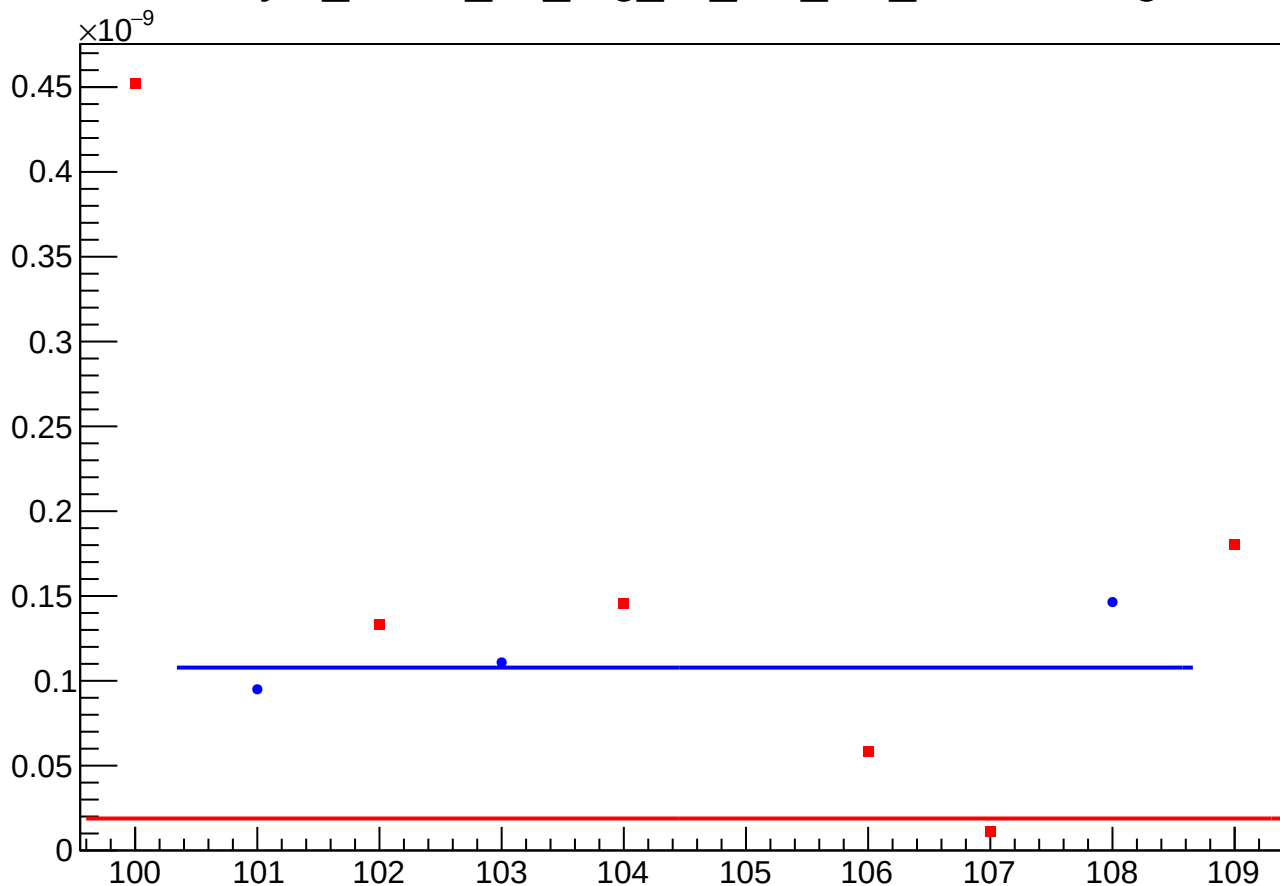
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 41906.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1328652.9/5

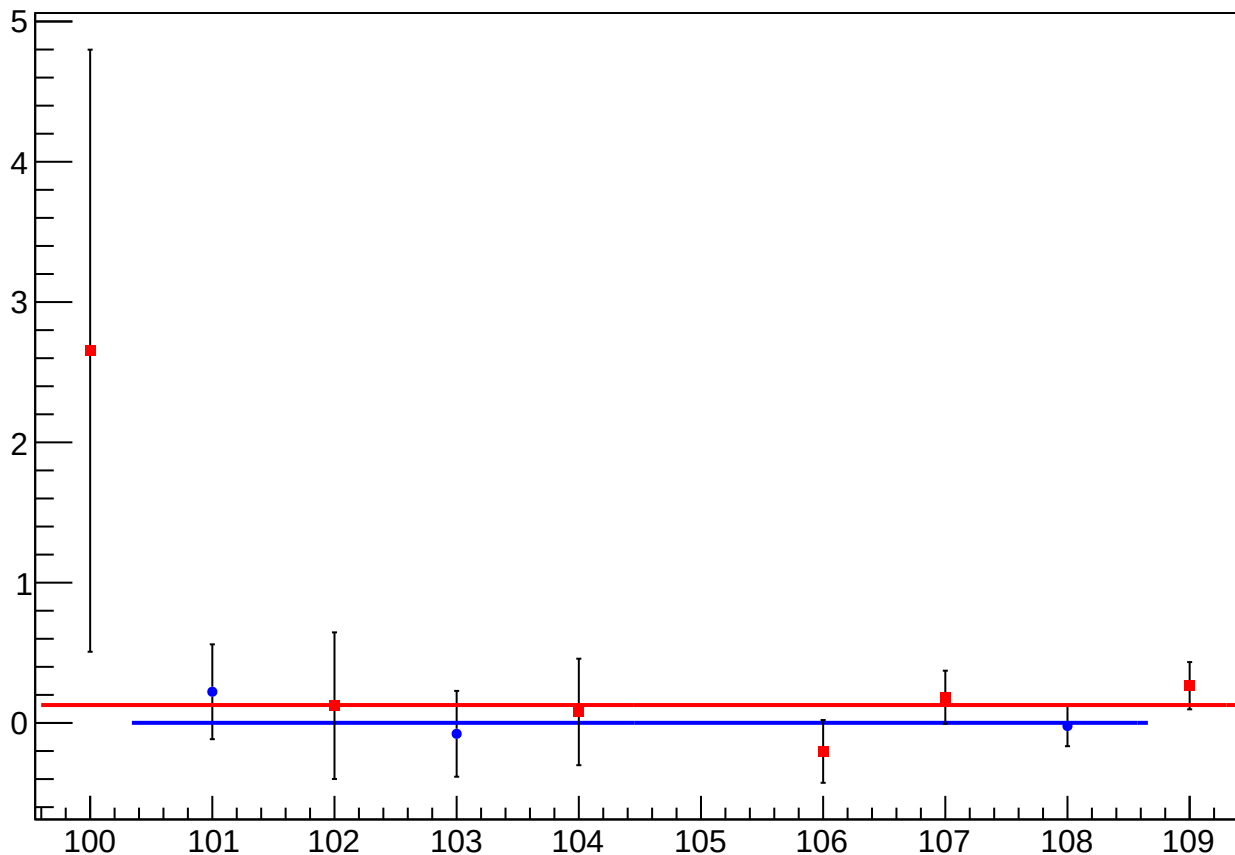
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2333837.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.128 $\pm$ 0.103 χ^2 /NDF: 4.3/5

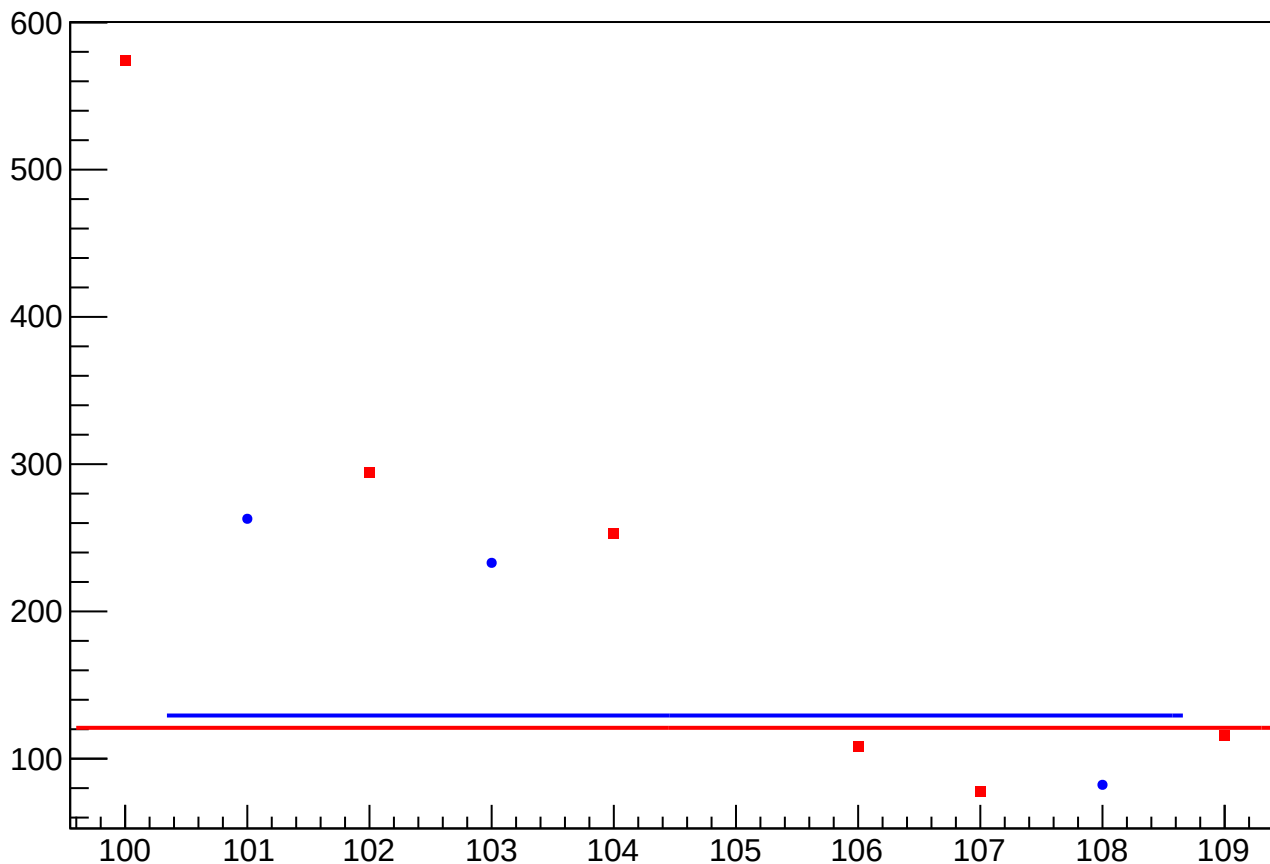
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.075 $\pm$ 0.079 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 129.315+/-0.086 χ^2/NDF : 756679.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.957+/-0.073 χ^2/NDF : 665880.1/5

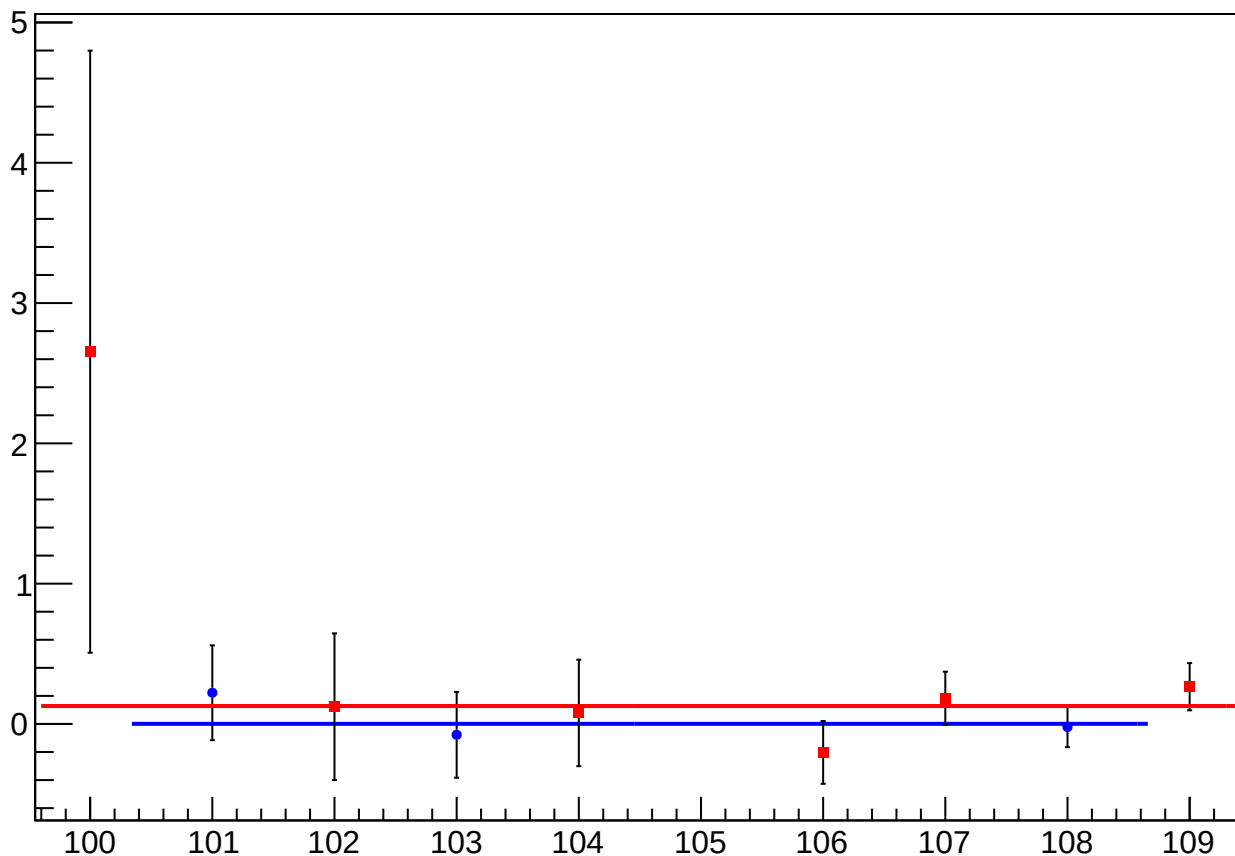
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.459+/-0.056 χ^2/NDF : 1428067.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.128 $\pm$ 0.103 χ^2 /NDF: 4.3/5

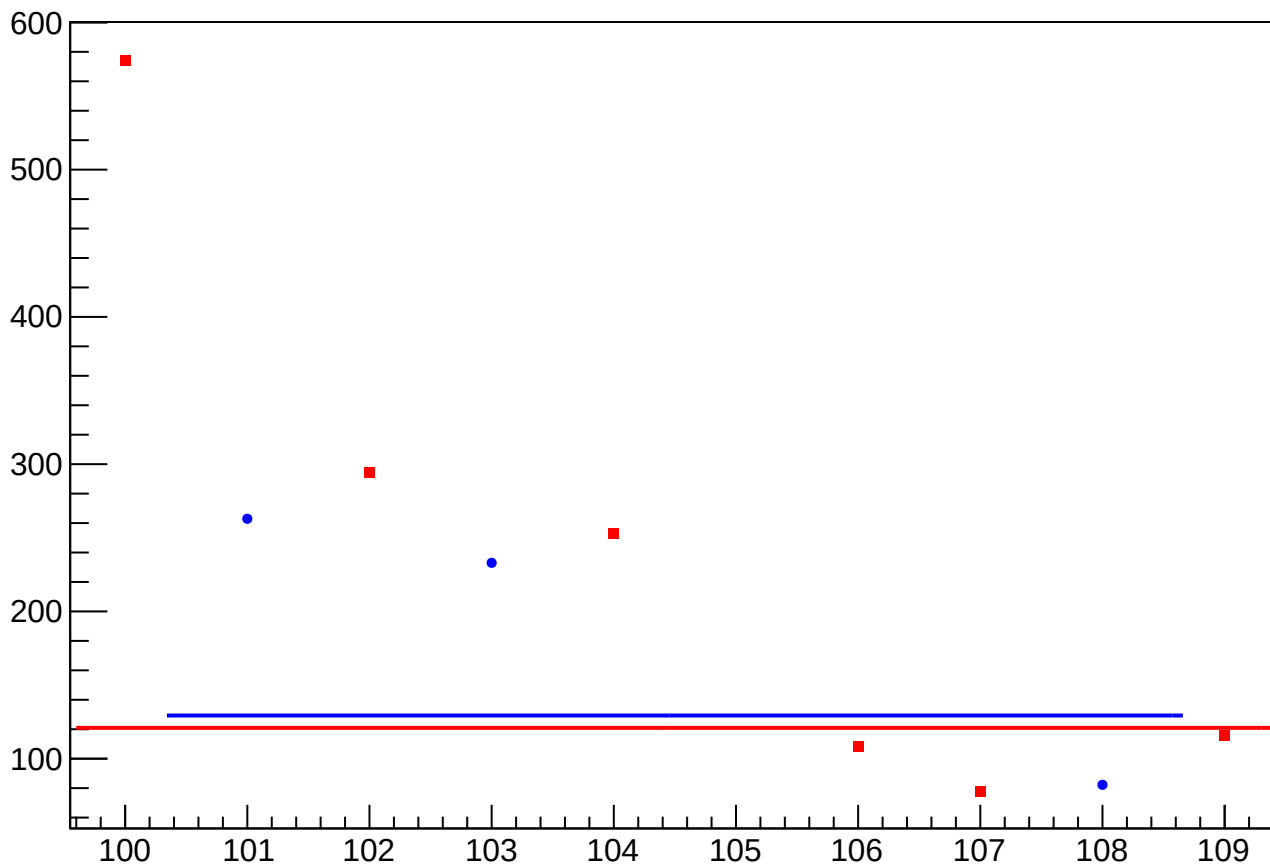
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.075 $\pm$ 0.079 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 129.315+/-0.086 χ^2/NDF : 756679.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.957+/-0.073 χ^2/NDF : 665880.1/5

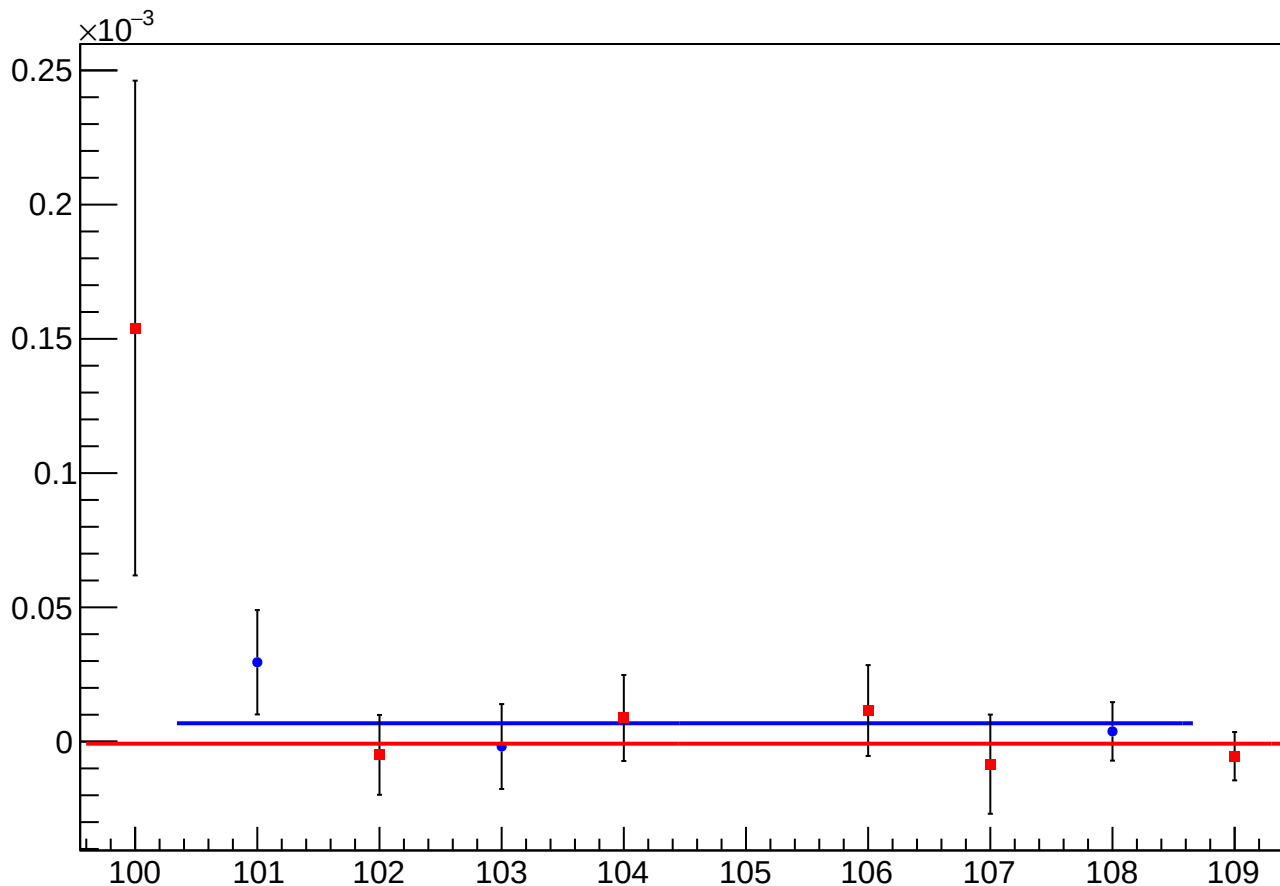
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.459+/-0.056 χ^2/NDF : 1428067.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/5

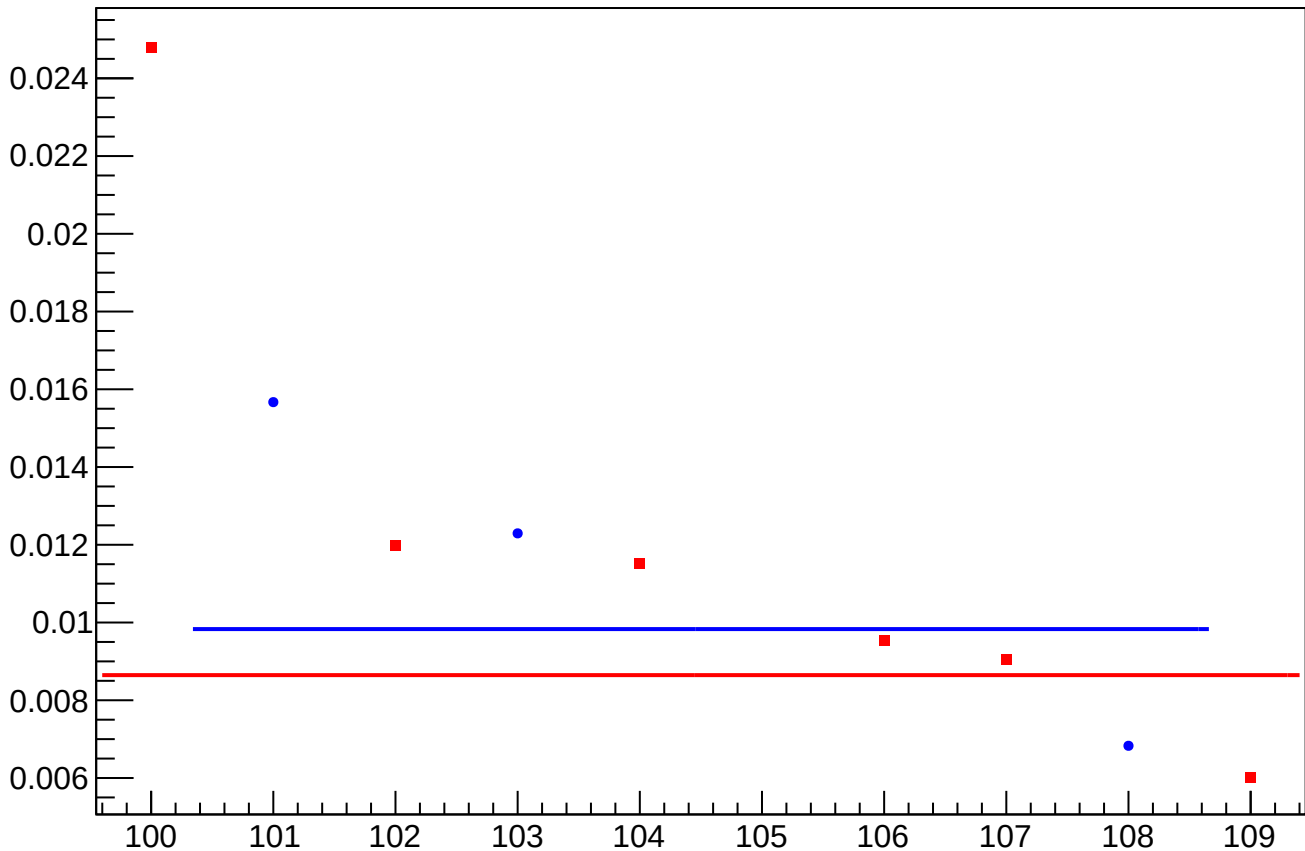
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 381027.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 403813.1/5

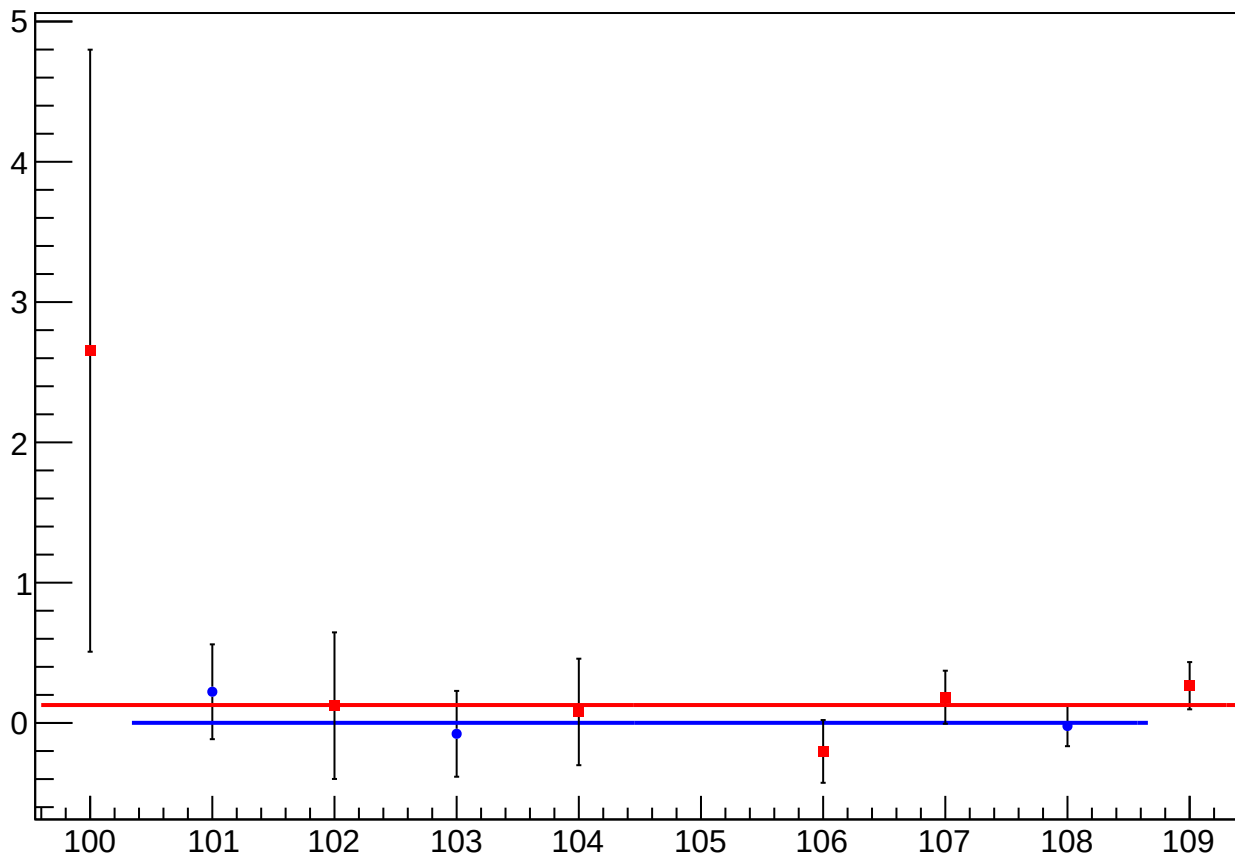
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 812095.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.128 $\pm$ 0.103 χ^2 /NDF: 4.3/5

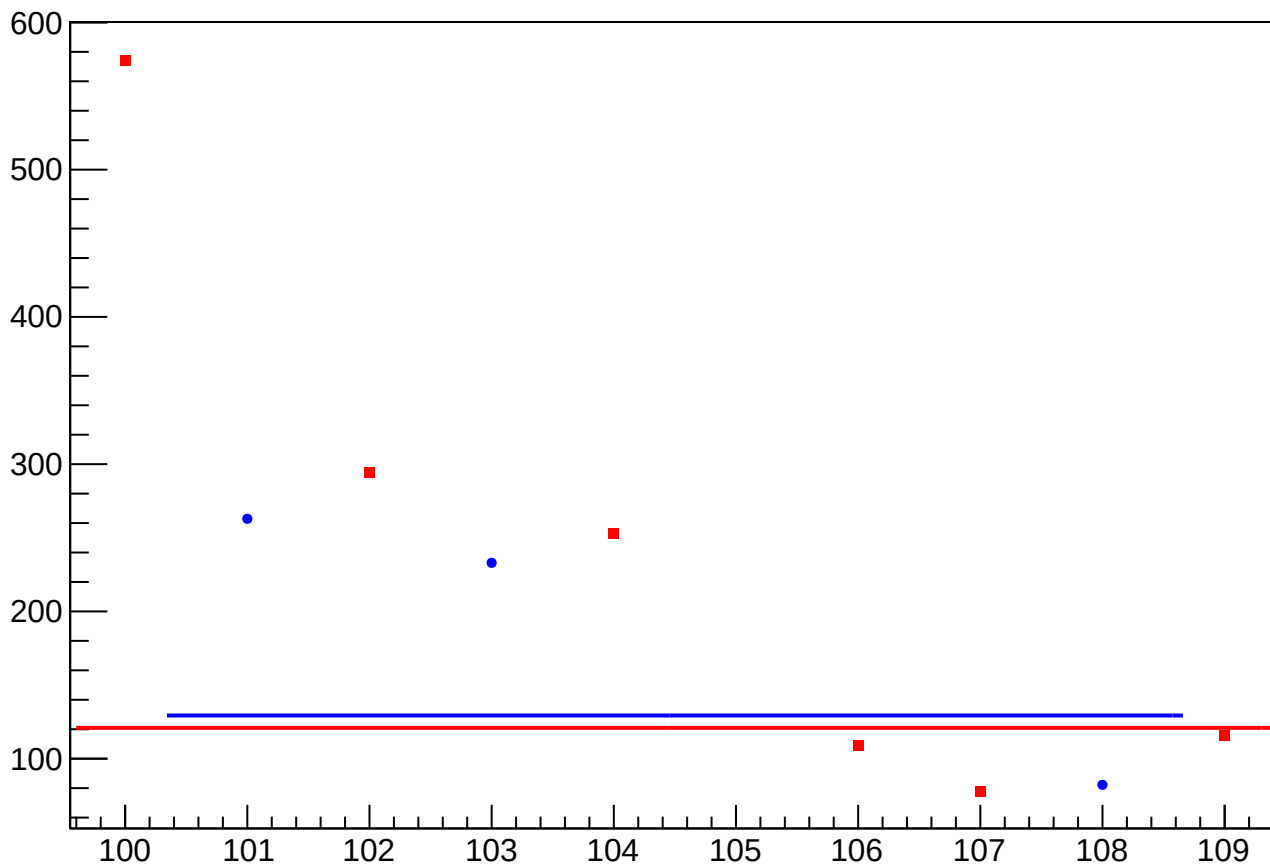
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.075 $\pm$ 0.079 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 129.315 $\pm$ 0.086 χ^2 /NDF: 756680.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.956 $\pm$ 0.073 χ^2 /NDF: 665907.6/5

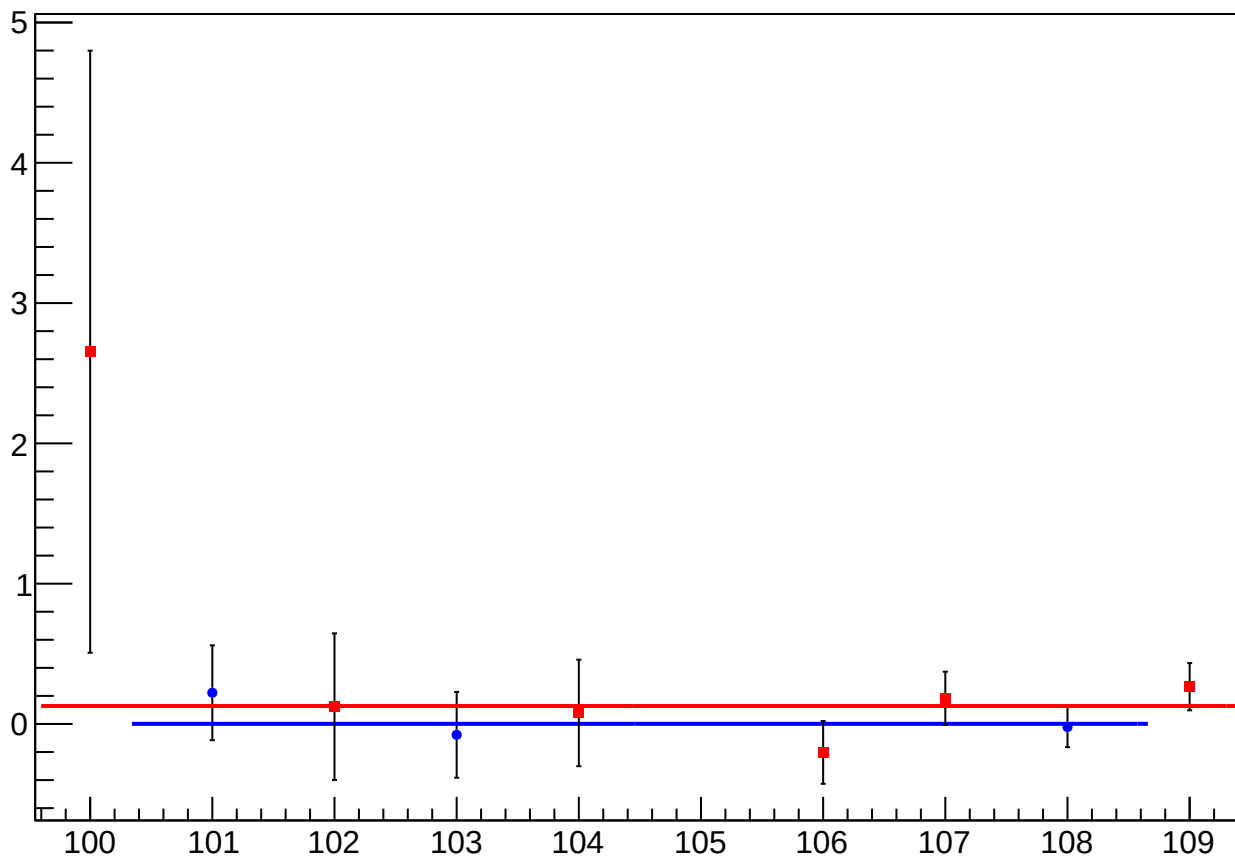
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.458 $\pm$ 0.056 χ^2 /NDF: 1428095.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.121 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.128 $\pm$ 0.103 χ^2 /NDF: 4.3/5

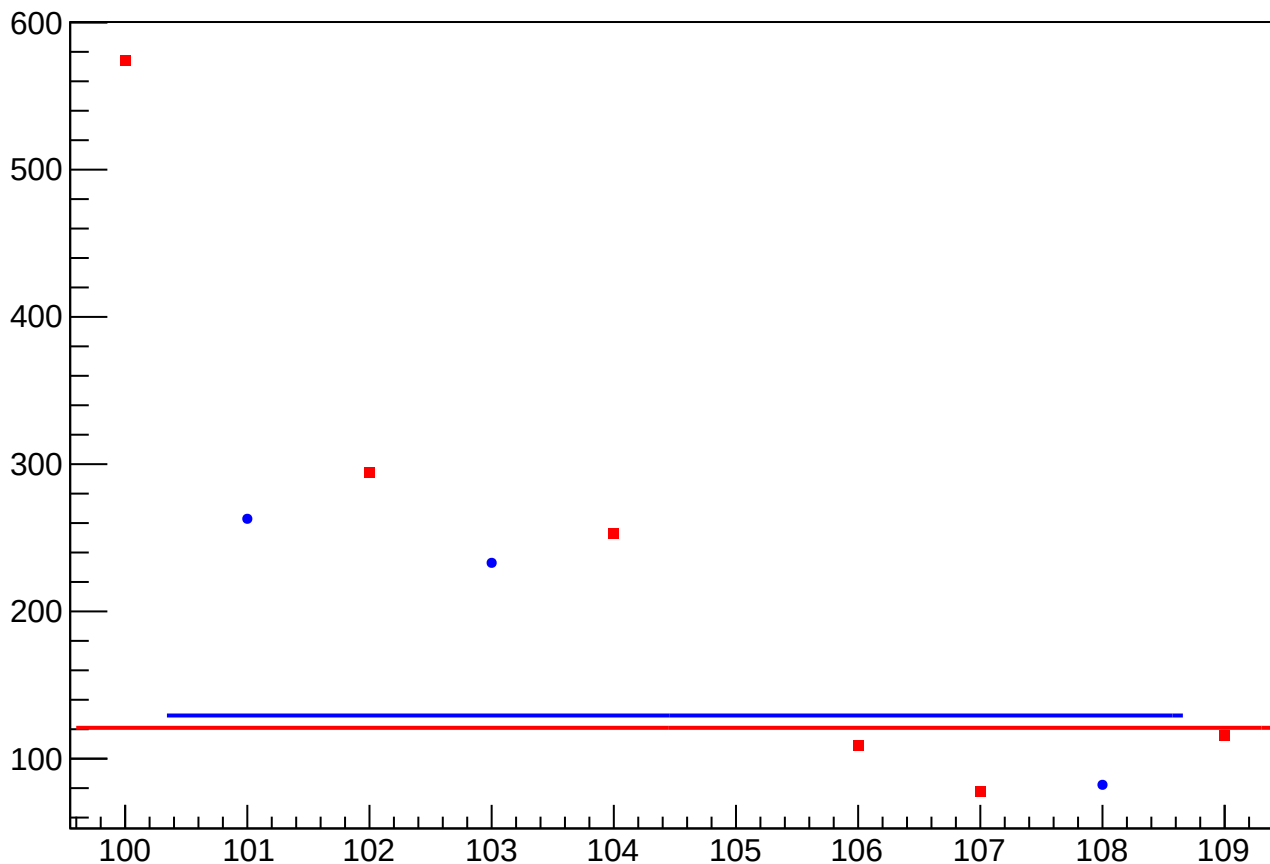
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.075 $\pm$ 0.079 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 129.315+/-0.086 χ^2/NDF : 756680.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.956+/-0.073 χ^2/NDF : 665907.6/5

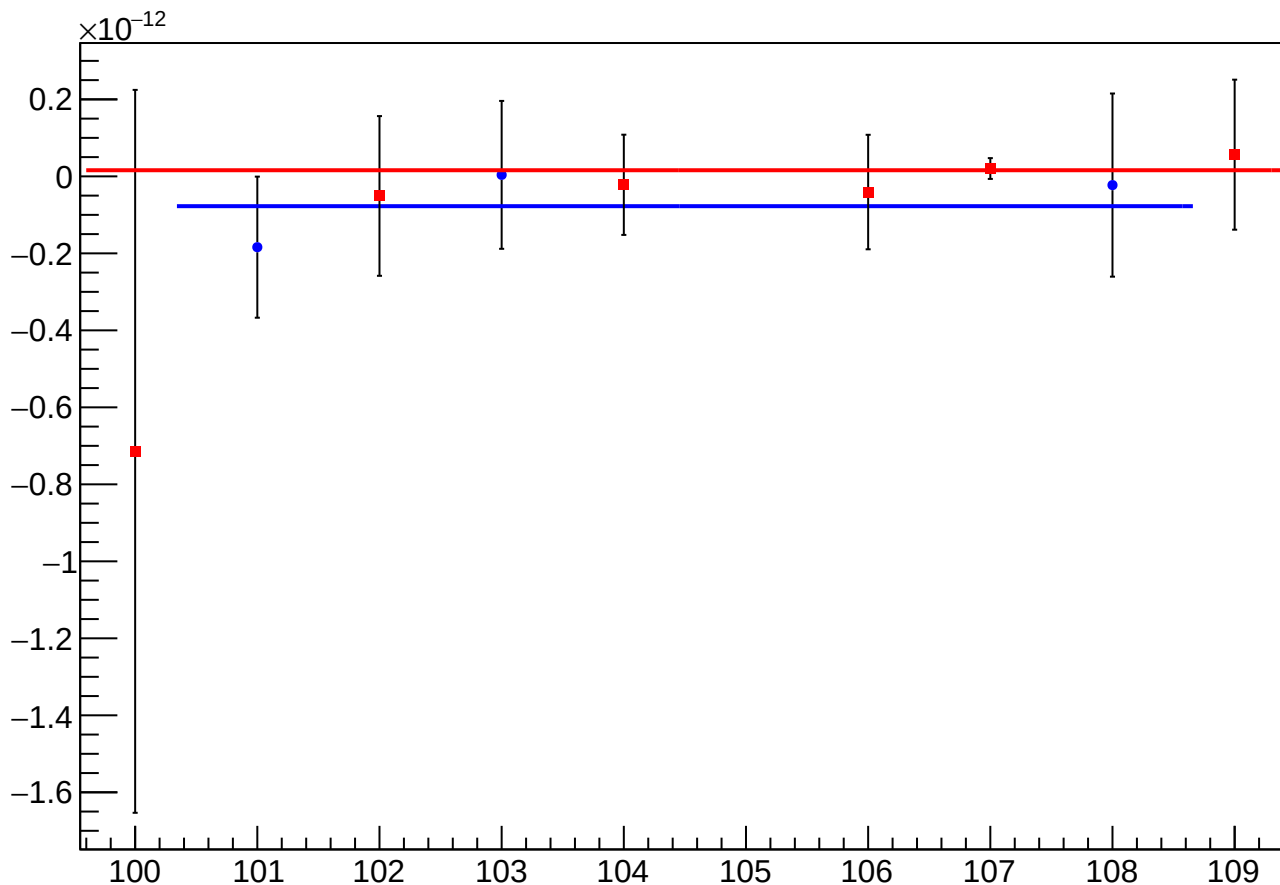
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.458+/-0.056 χ^2/NDF : 1428095.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.0/5

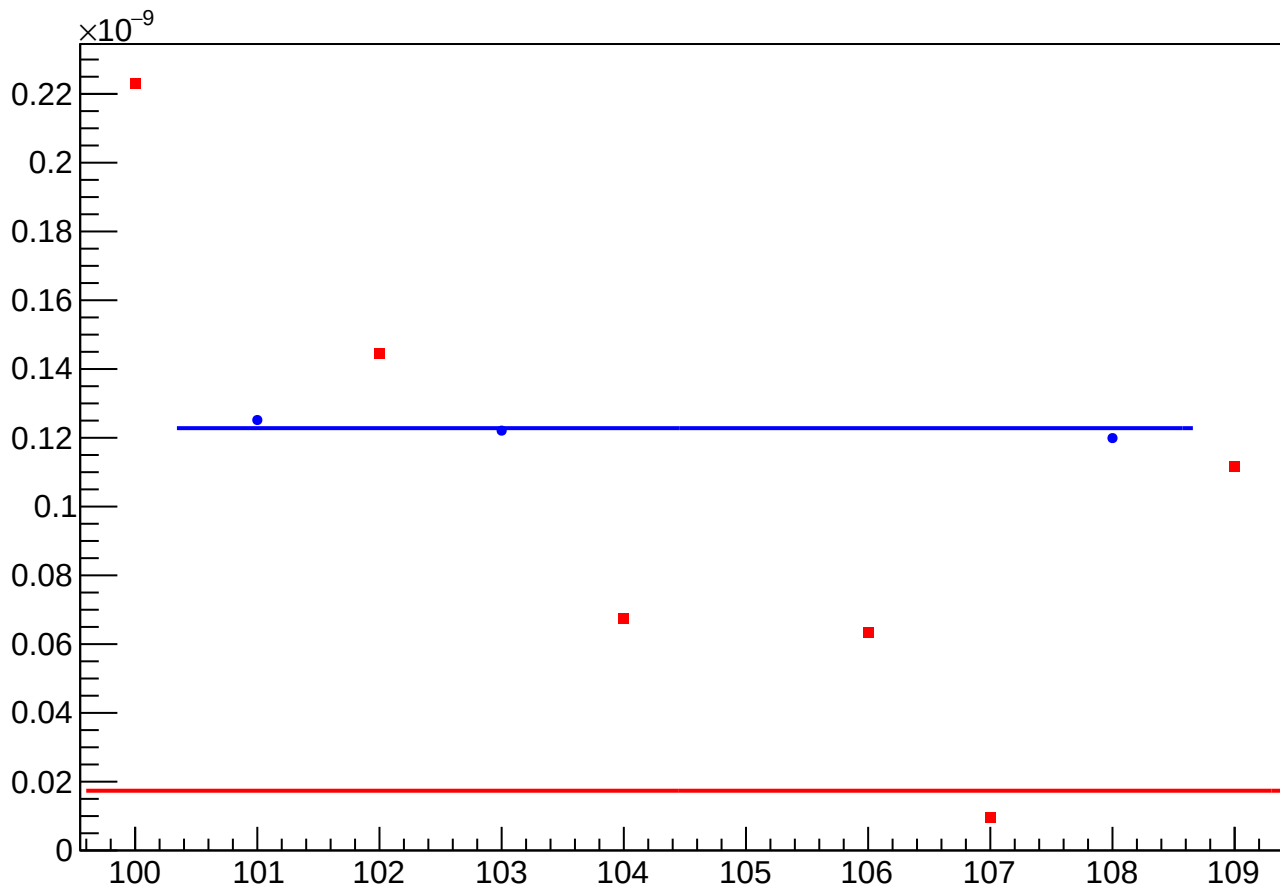
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 656.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1971121.9/5

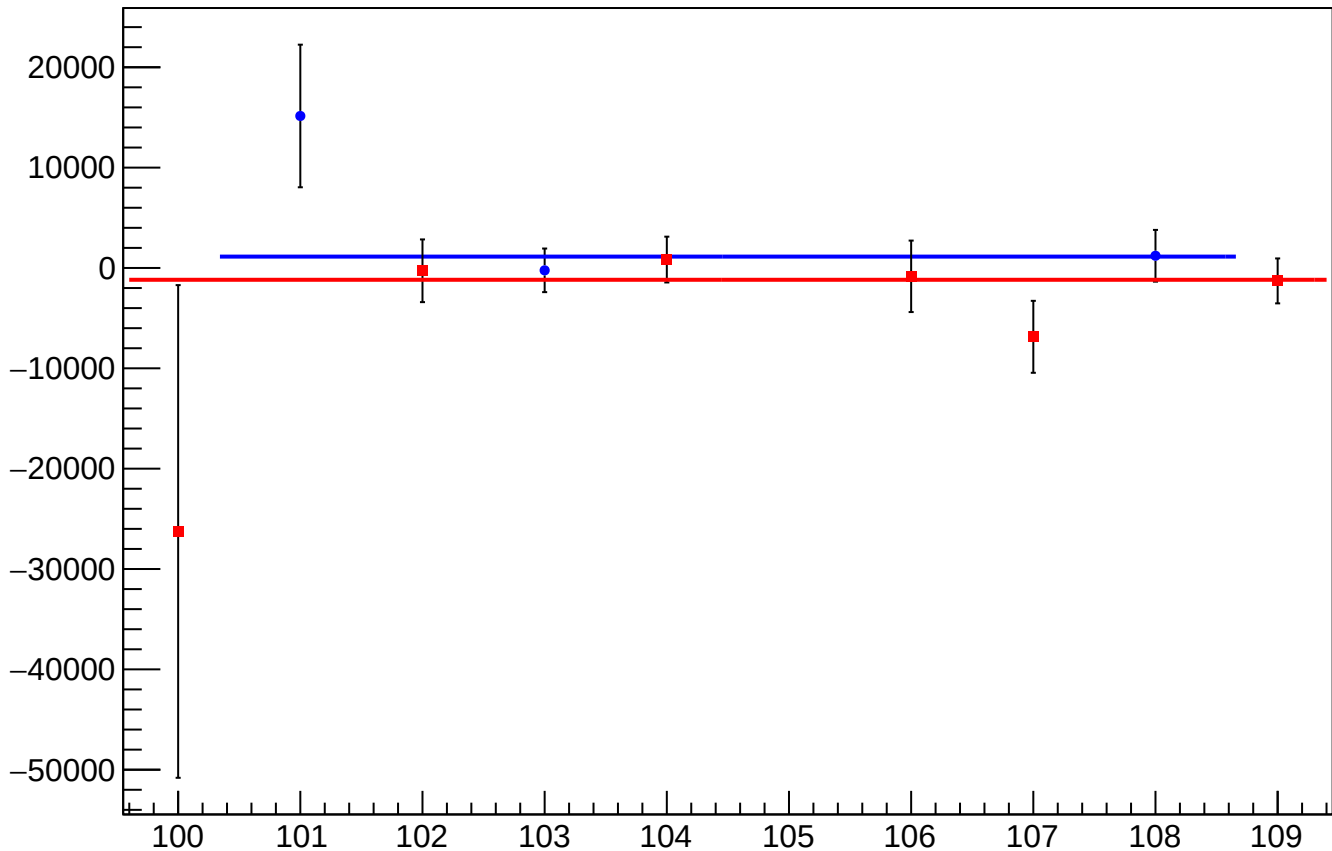
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3551736.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 1132.646 $\pm$ 1617.608 χ^2 /NDF: 4.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1177.742 $\pm$ 1238.265 χ^2 /NDF: 4.4/5

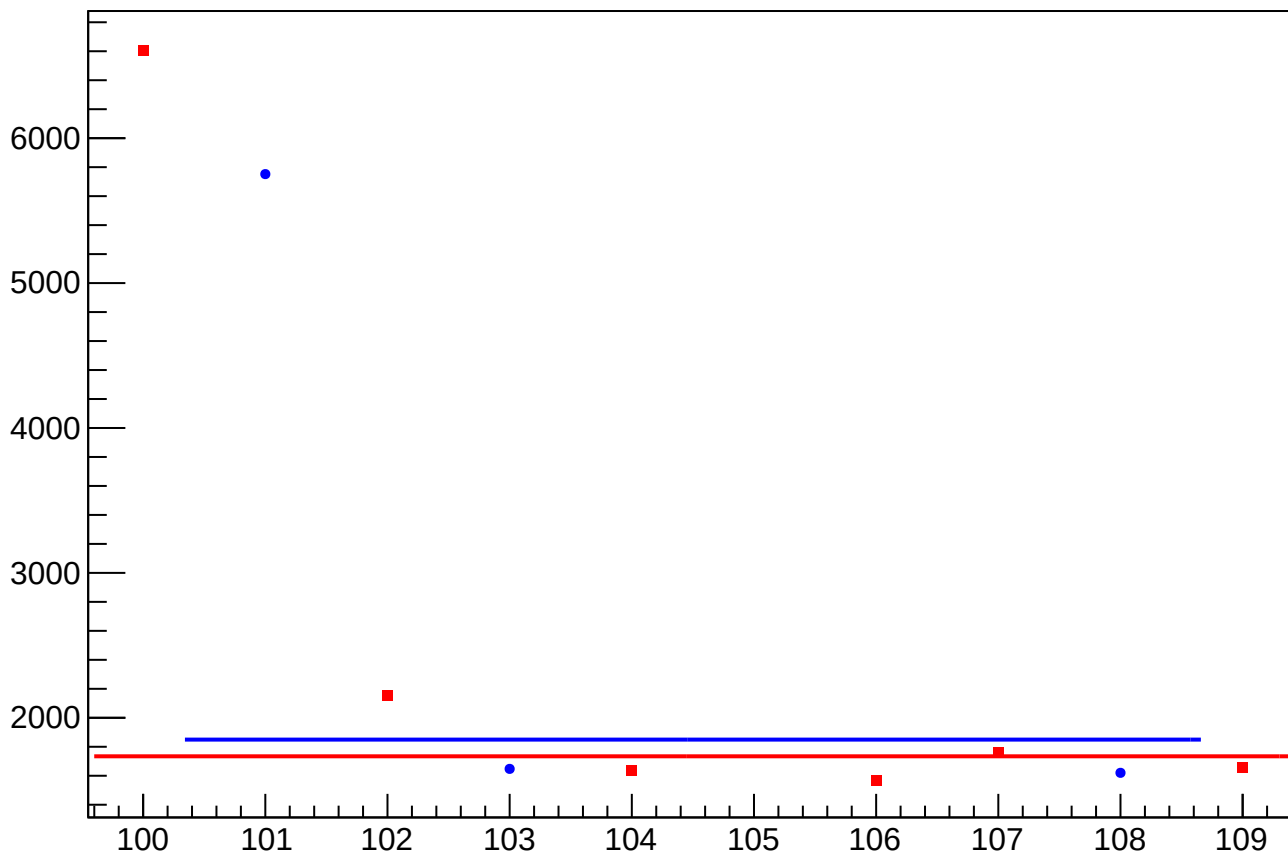
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -324.114 $\pm$ 983.252 χ^2 /NDF: 10.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1849.456 $\pm$ 1.144 χ^2 /NDF: 636435.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1734.201 $\pm$ 0.853 χ^2 /NDF: 127581.9/5

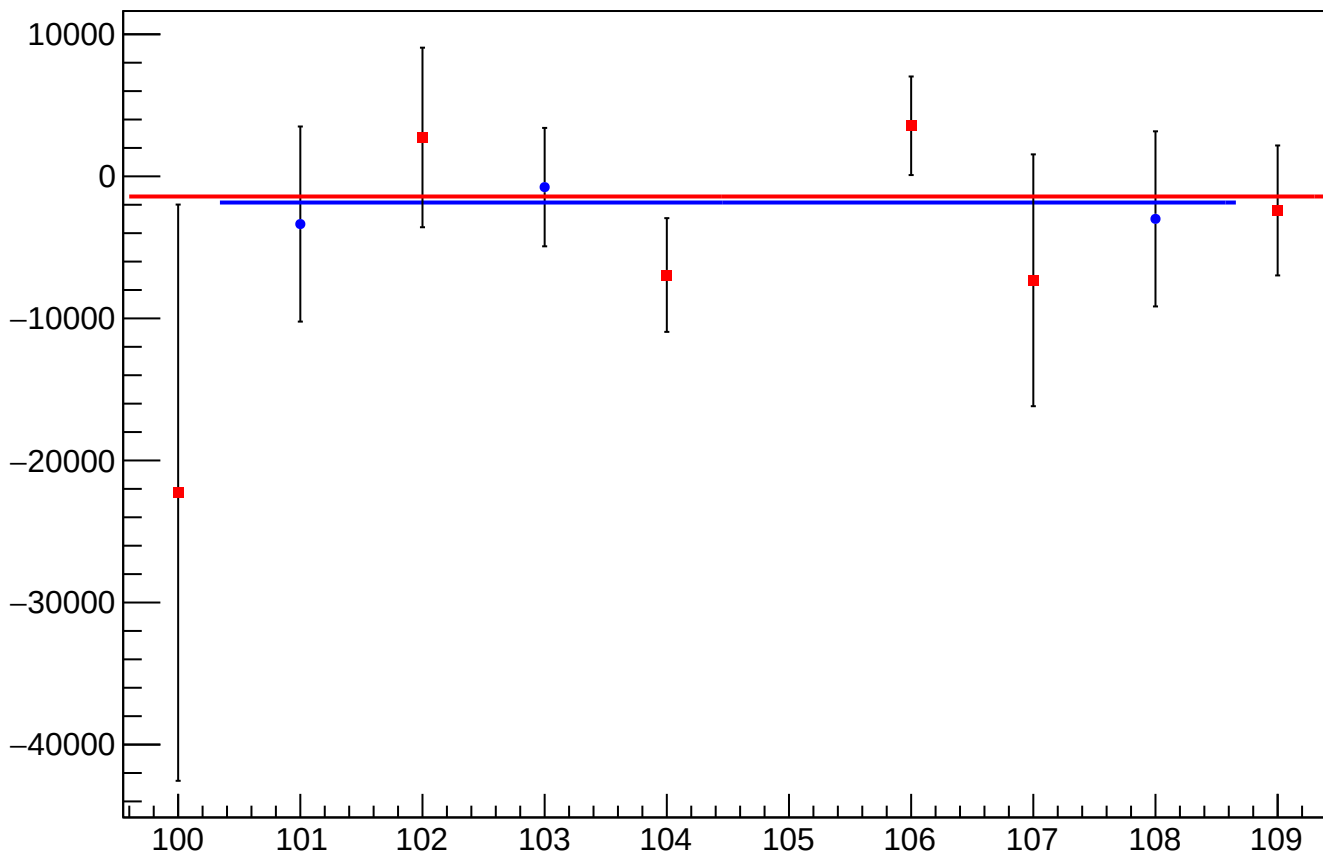
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1775.409 $\pm$ 0.684 χ^2 /NDF: 770540.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_correction_mean vs Slug



Right In: -1842.540+/-3084.549 χ^2 /NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1418.579+/-2069.589 χ^2 /NDF: 5.9/5

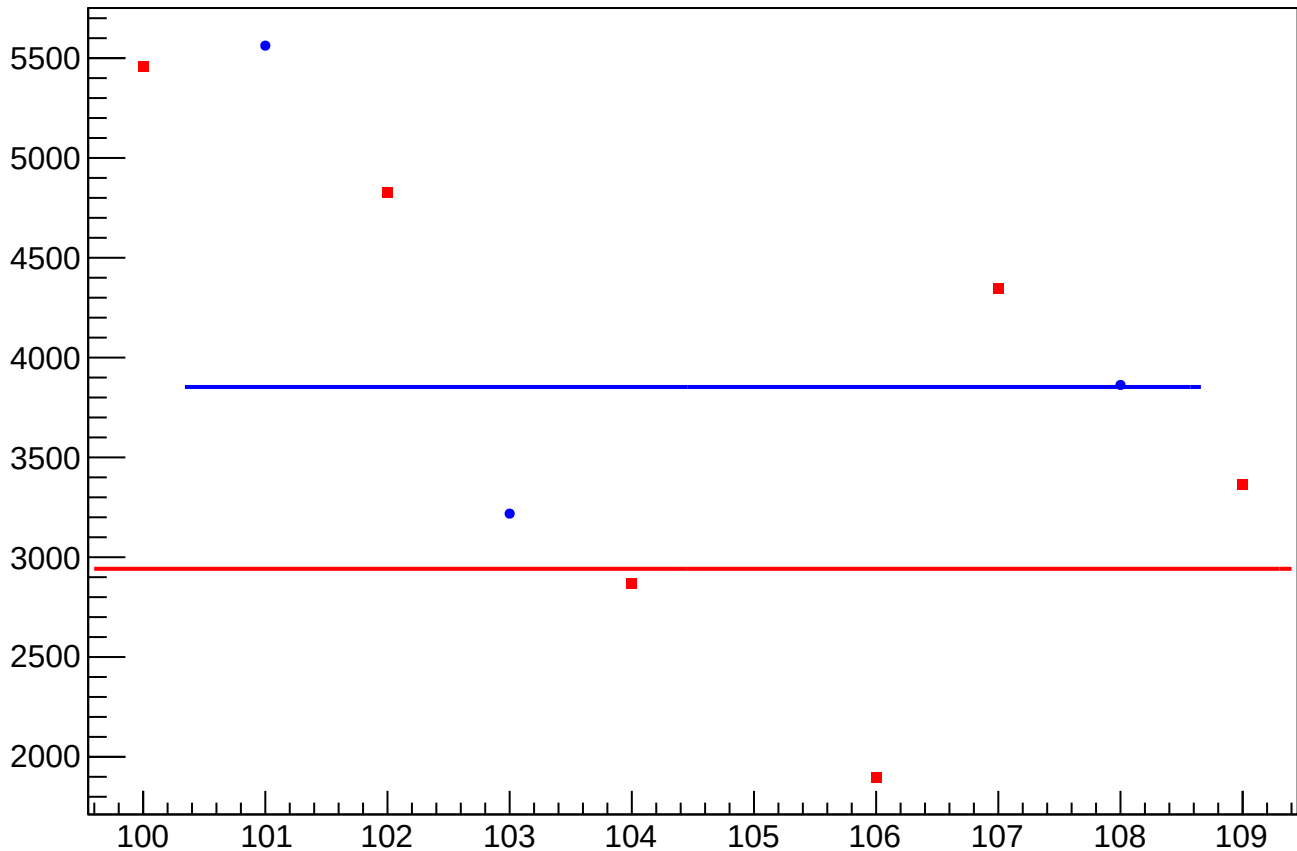
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1550.189+/-1718.594 χ^2 /NDF: 6.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 3852.749 $\pm$ 2.181 χ^2 /NDF: 170352.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2941.968 $\pm$ 1.463 χ^2 /NDF: 457975.5/5

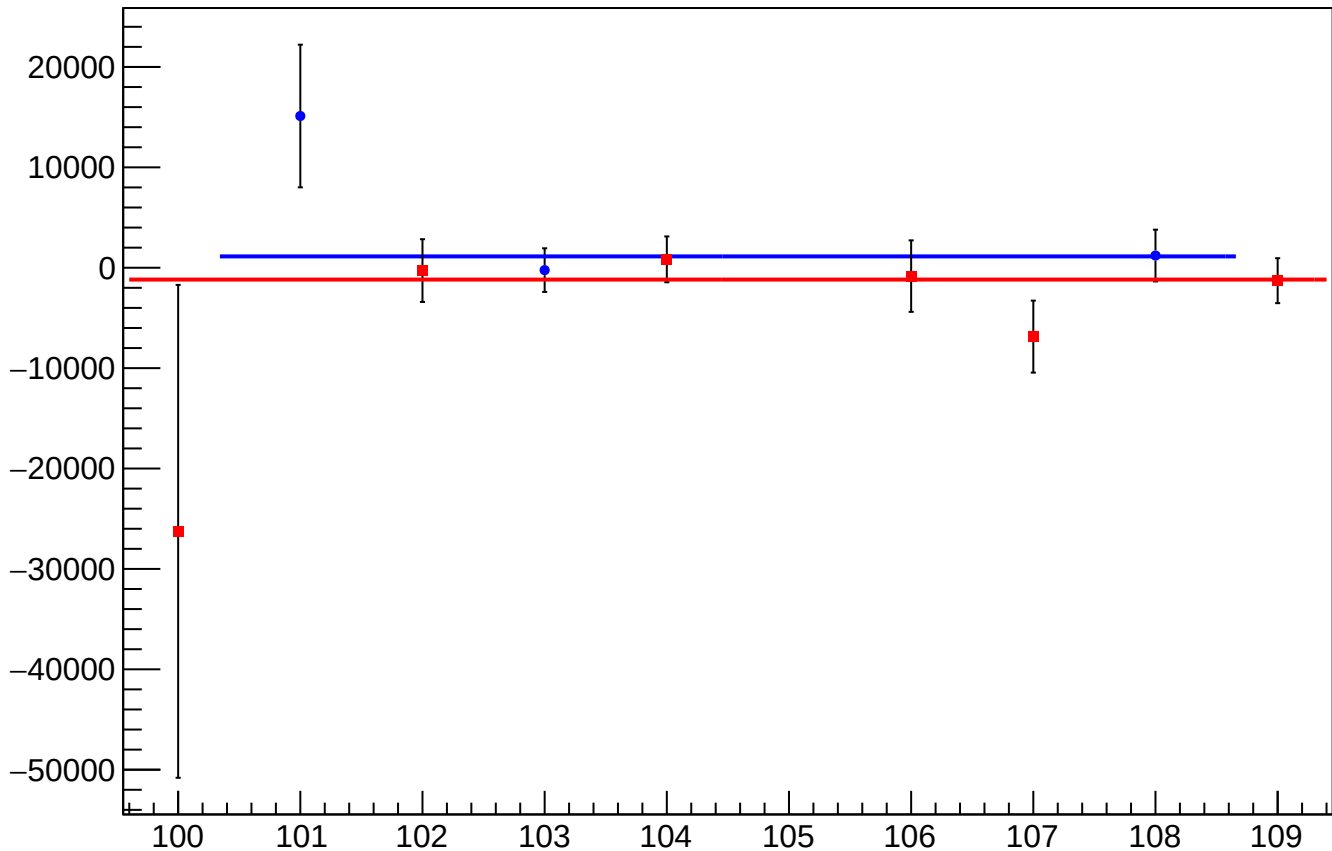
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3224.701 $\pm$ 1.215 χ^2 /NDF: 748569.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



Right In: 1130.970+/-1617.609 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1178.095+/-1238.265 χ^2/NDF : 4.4/5

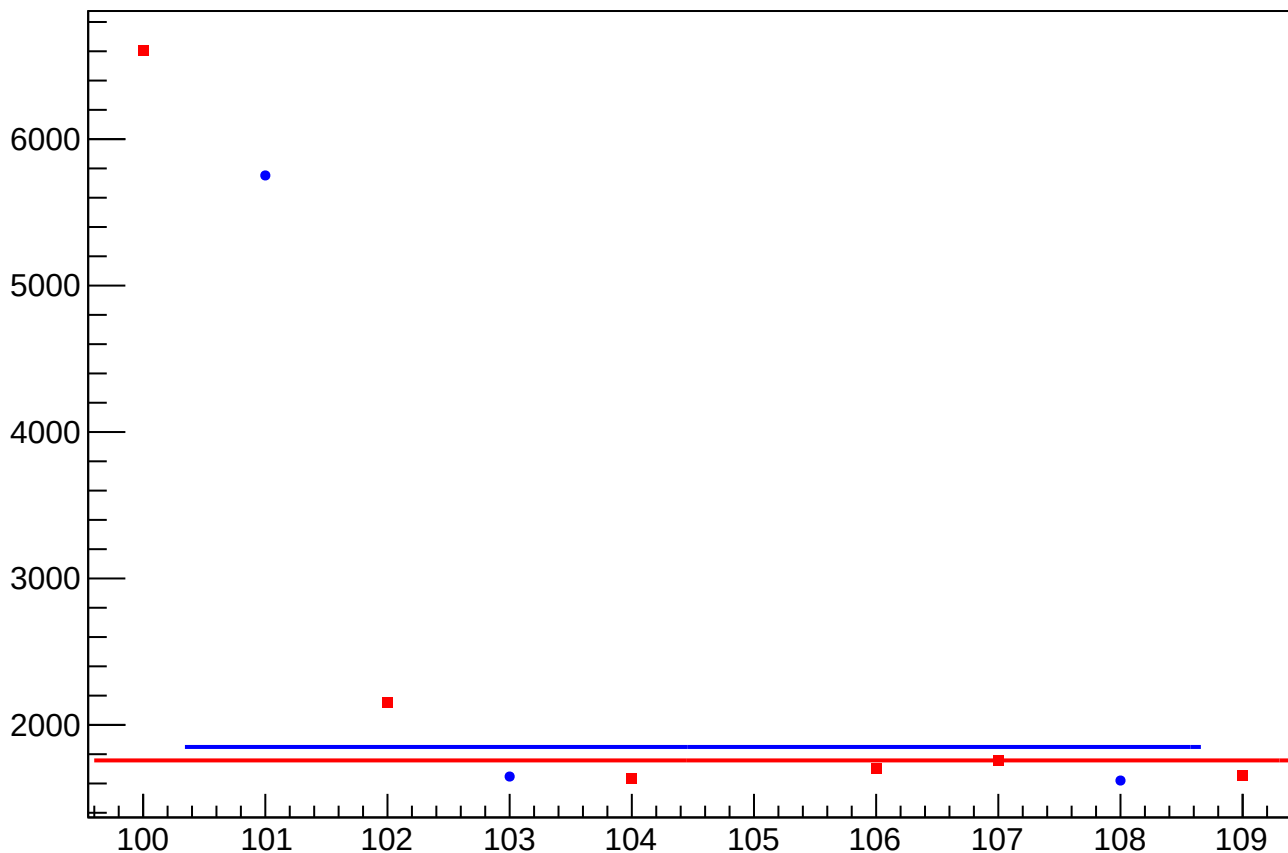
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.957+/-983.253 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1849.454+/-1.144 χ^2/NDF : 636435.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.550+/-0.864 χ^2/NDF : 120756.6/5

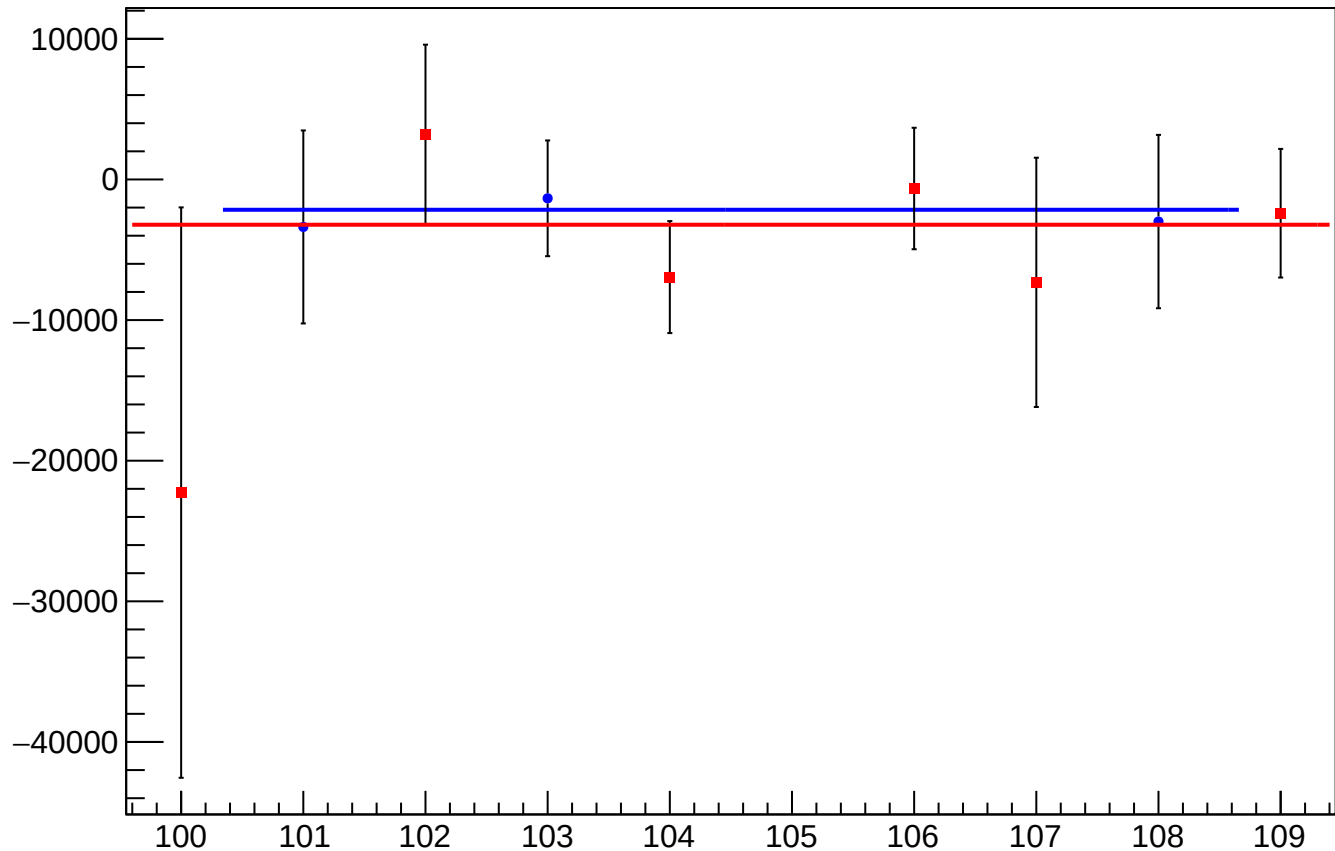
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.941+/-0.689 χ^2/NDF : 761302.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: -2155.099 $\pm$ 3062.810 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3220.110 $\pm$ 2214.275 χ^2 /NDF: 3.4/5

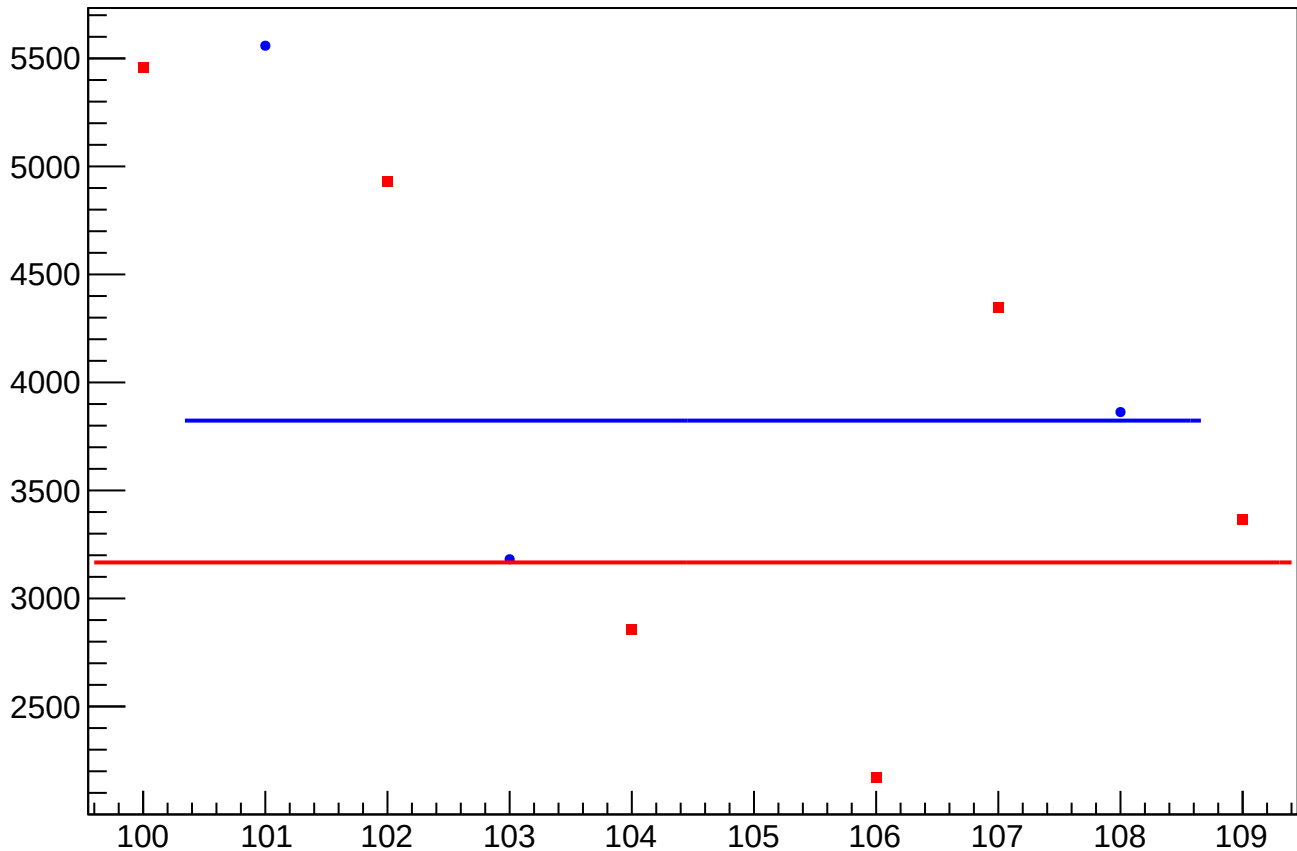
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2854.538 $\pm$ 1794.442 χ^2 /NDF: 3.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 3823.337 $\pm$ 2.166 χ^2 /NDF: 176627.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3166.780 $\pm$ 1.566 χ^2 /NDF: 334116.8/5

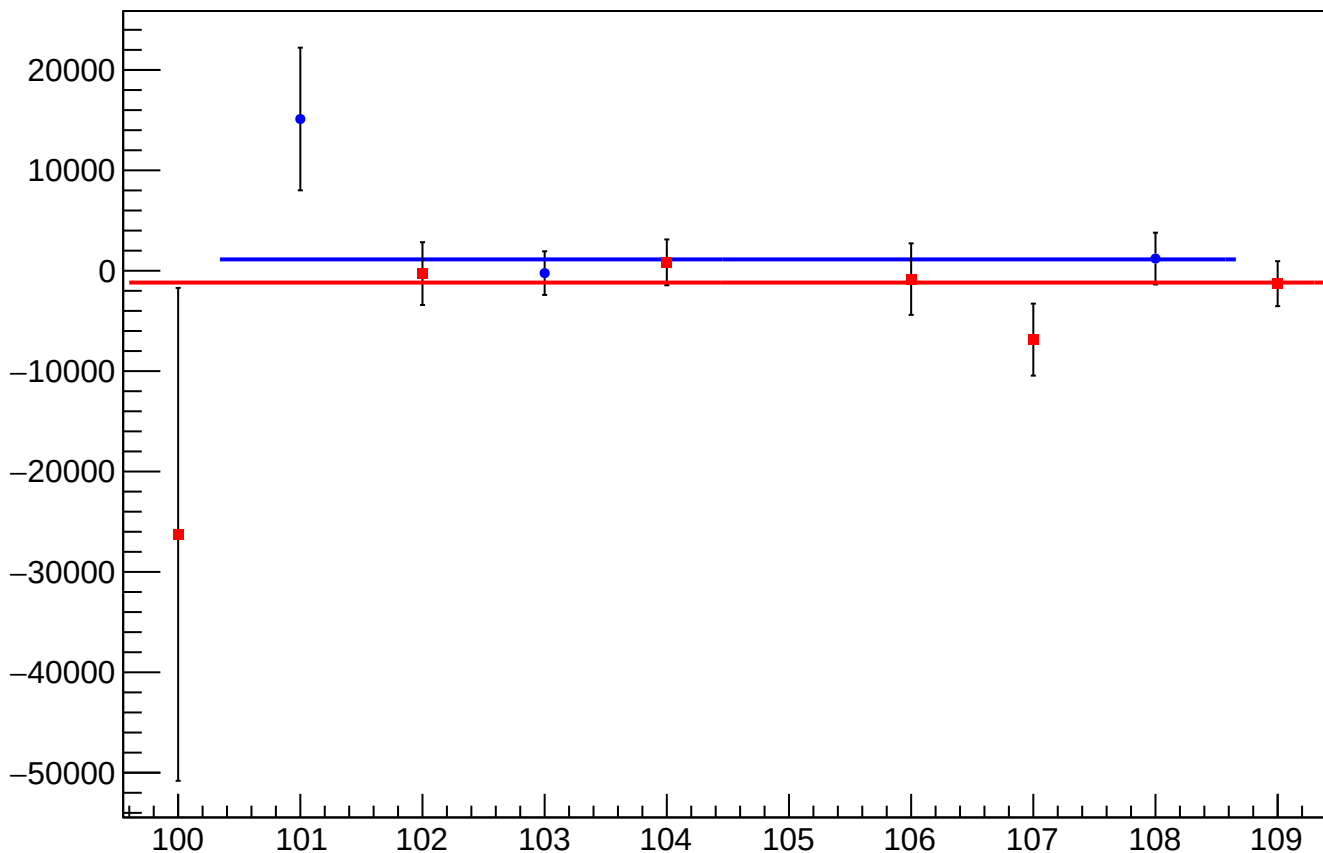
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3392.148 $\pm$ 1.269 χ^2 /NDF: 571101.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 1130.970+/-1617.609 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1178.095+/-1238.265 χ^2/NDF : 4.4/5

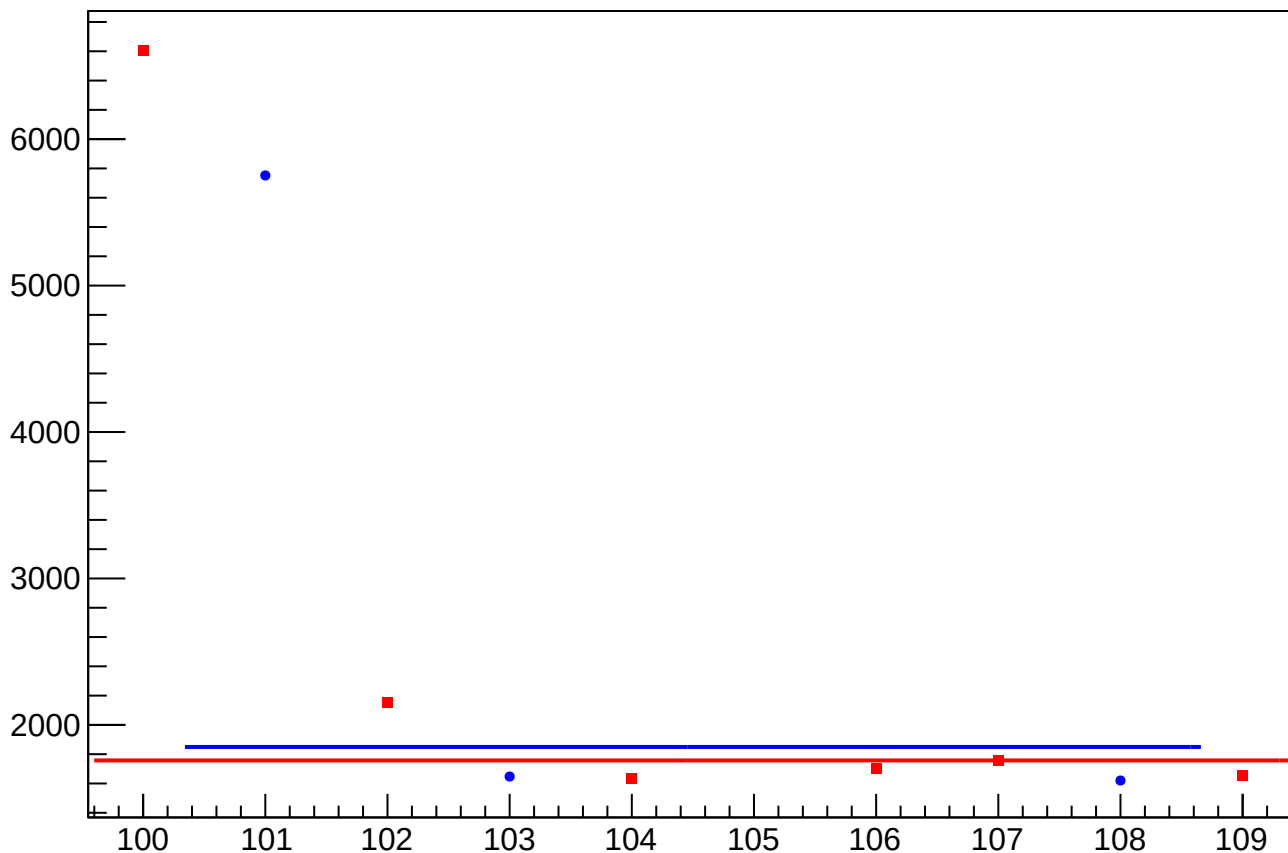
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -324.957+/-983.253 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1849.454+/-1.144 χ^2/NDF : 636435.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1757.550+/-0.864 χ^2/NDF : 120756.6/5

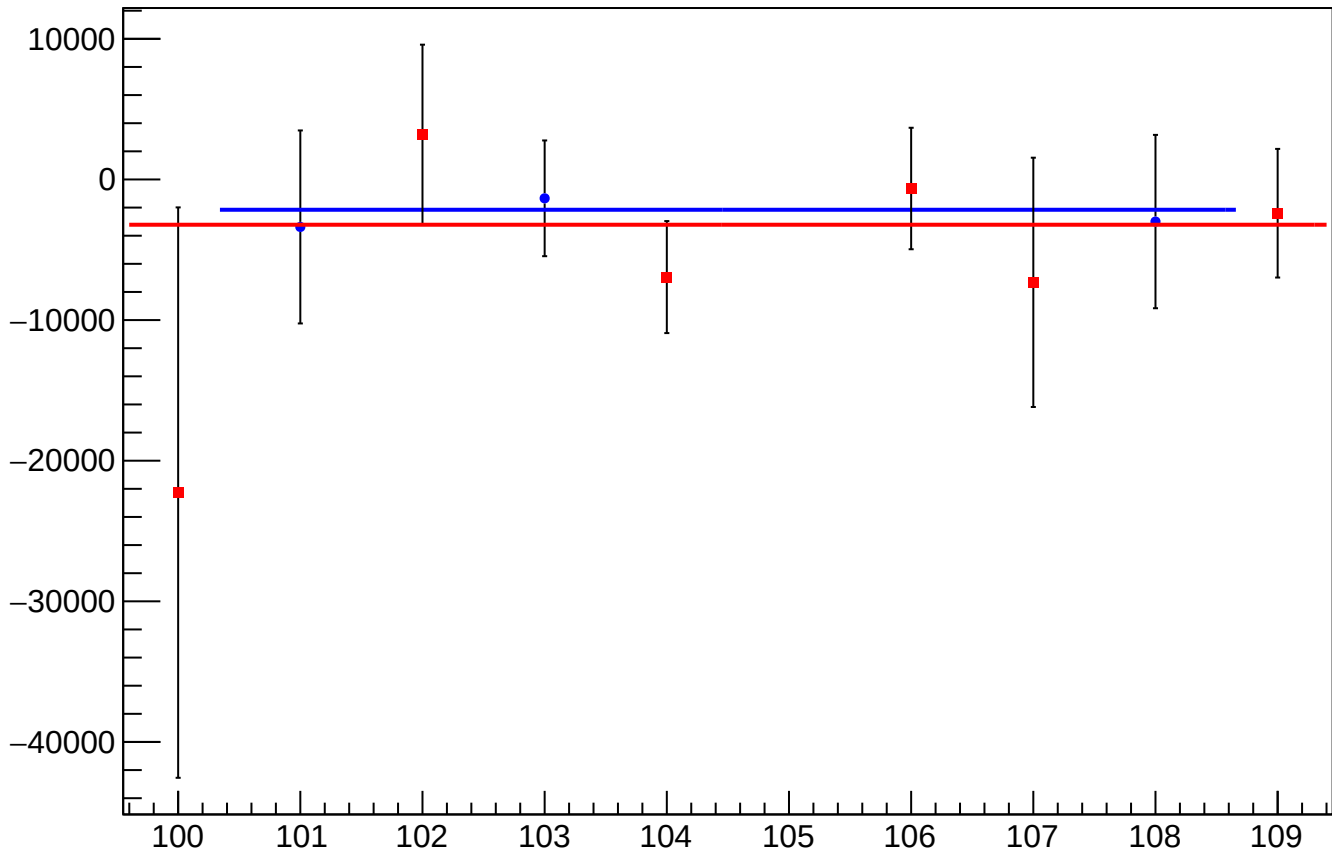
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1790.941+/-0.689 χ^2/NDF : 761302.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug



Right In: -2155.099+/-3062.810 χ^2 /NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3220.110+/-2214.275 χ^2 /NDF: 3.4/5

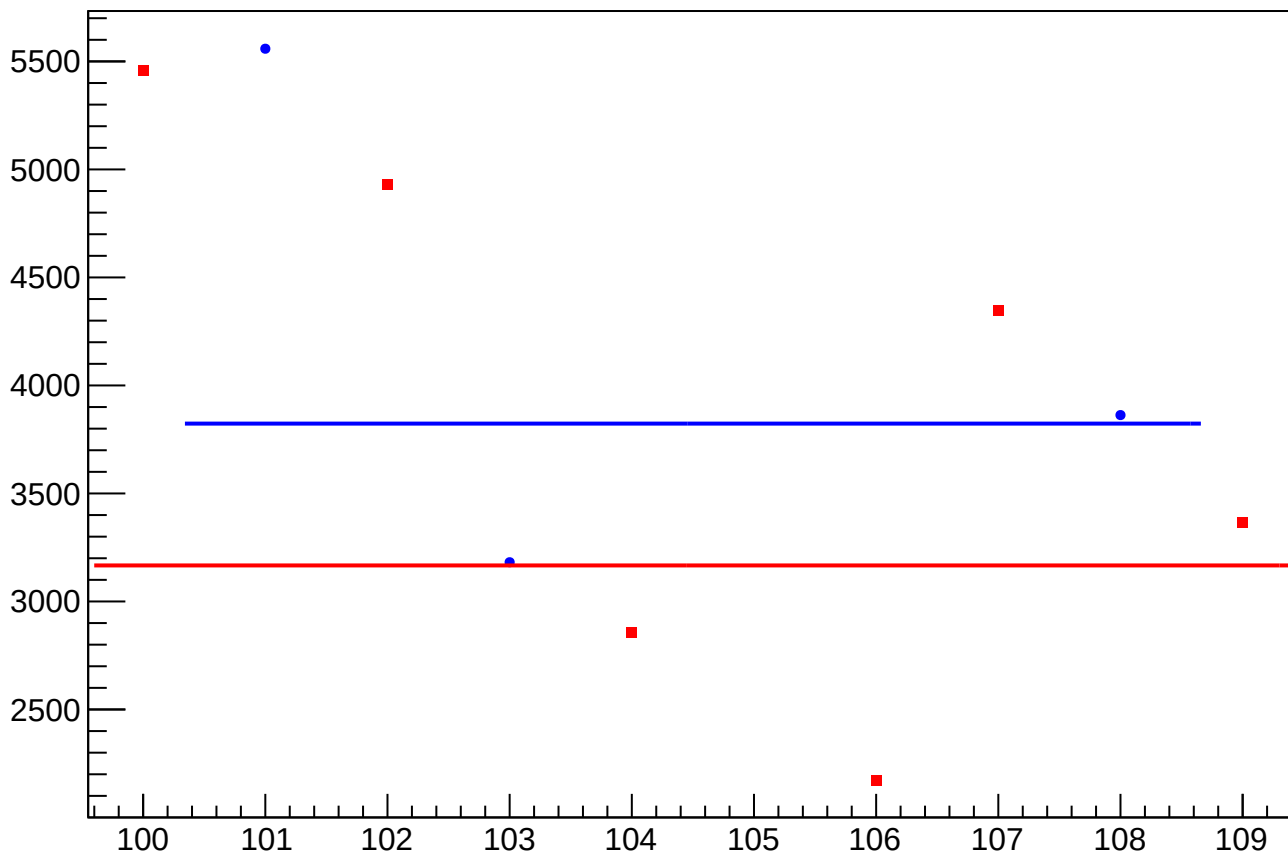
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2854.538+/-1794.442 χ^2 /NDF: 3.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



Right In: 3823.337+/-2.166 χ^2/NDF : 176627.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3166.780+/-1.566 χ^2/NDF : 334116.8/5

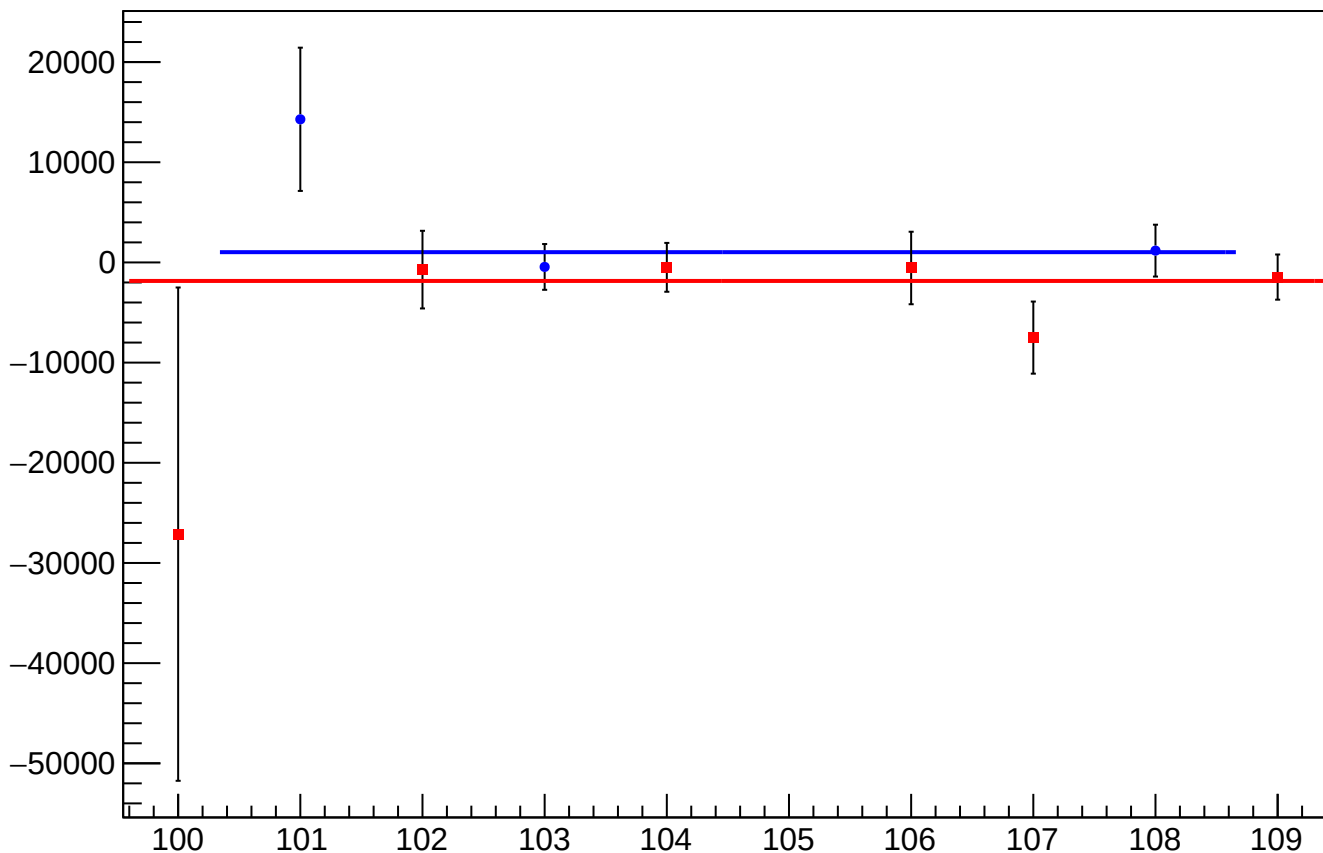
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3392.148+/-1.269 χ^2/NDF : 571101.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_mean vs Slug



Right In: 1025.007 $\pm$ 1665.709 χ^2 /NDF: 3.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1848.280 $\pm$ 1305.555 χ^2 /NDF: 4.1/5

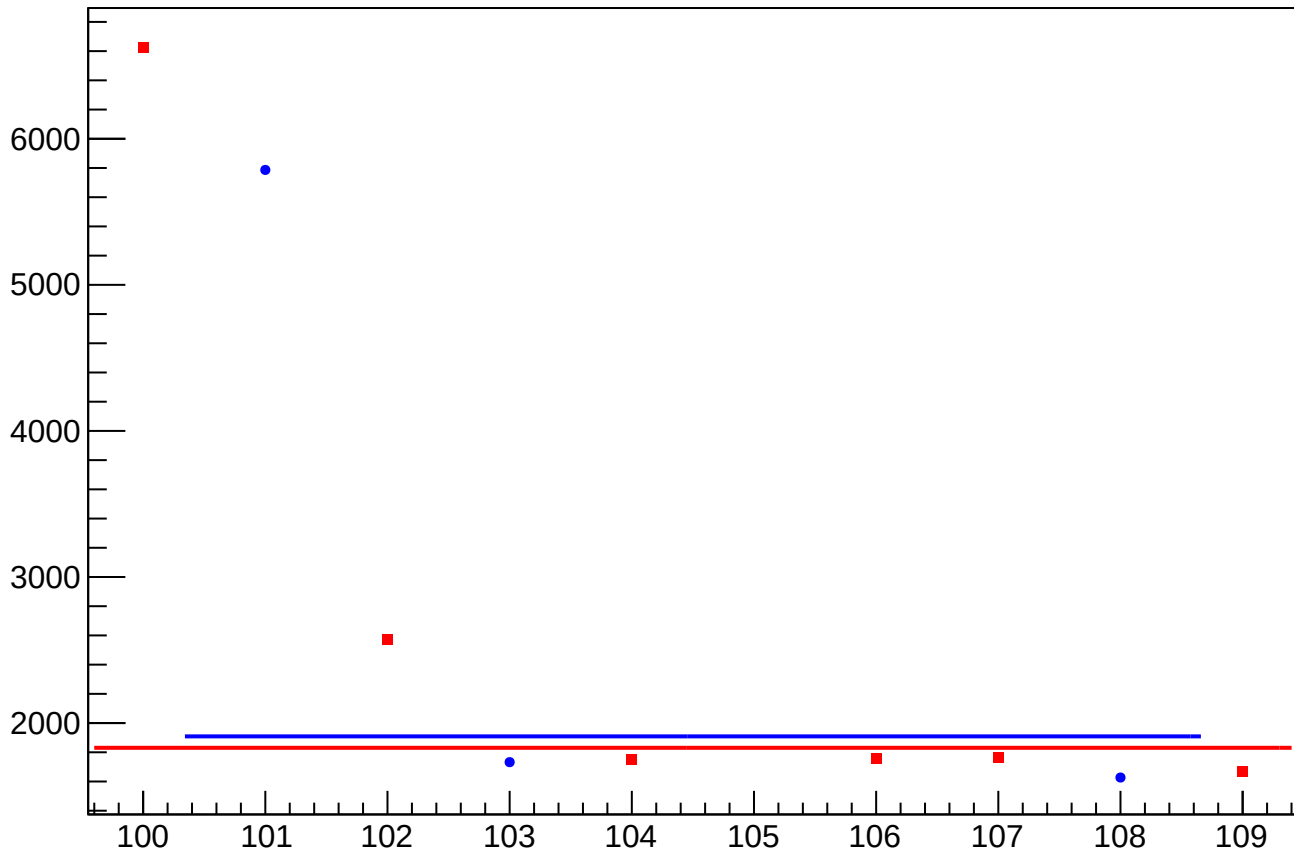
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -754.871 $\pm$ 1027.545 χ^2 /NDF: 9.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1908.879+/-1.178 χ^2/NDF : 623928.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1830.722+/-0.914 χ^2/NDF : 163827.5/5

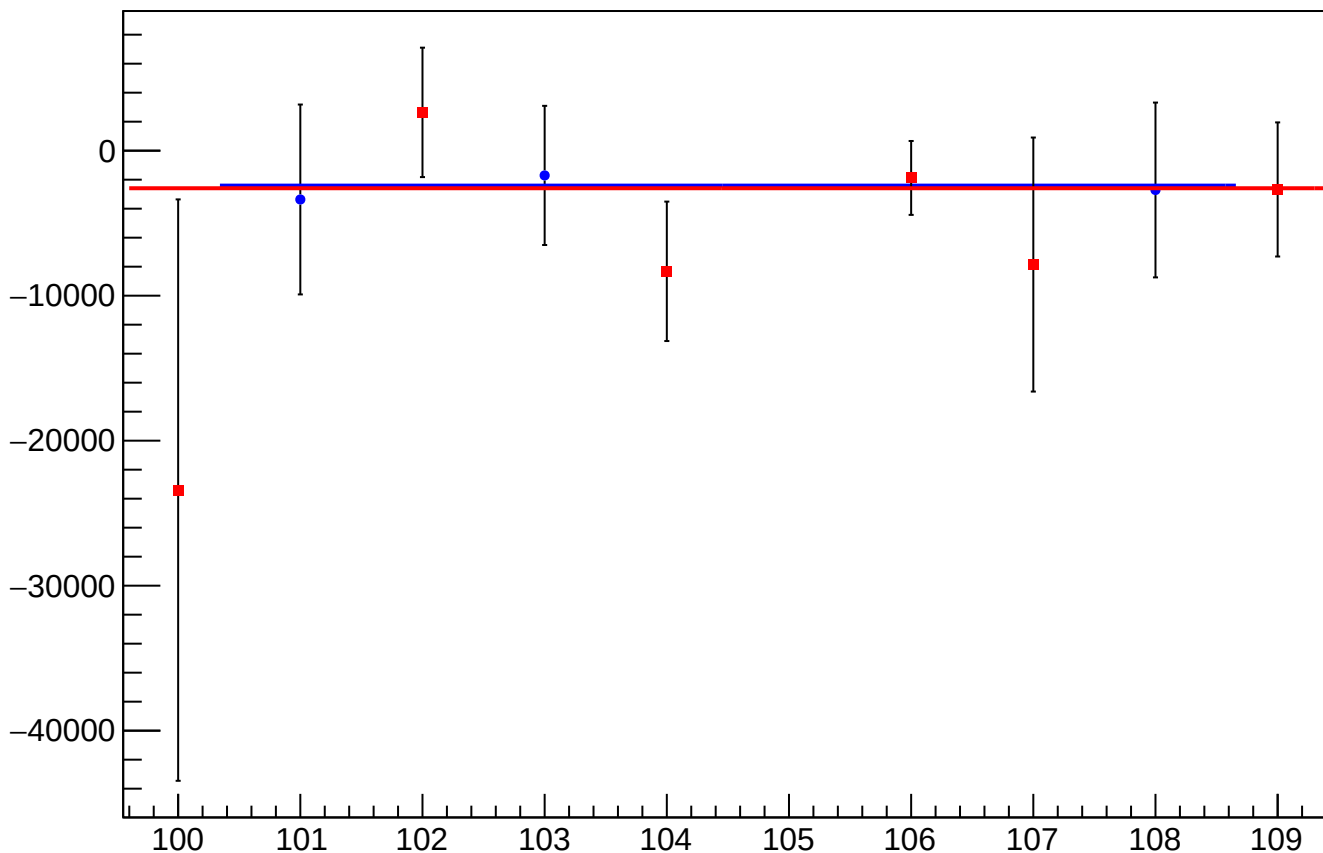
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.082+/-0.722 χ^2/NDF : 790505.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: -2410.346+/-3257.010 χ^2 /NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2591.001+/-1796.800 χ^2 /NDF: 4.3/5

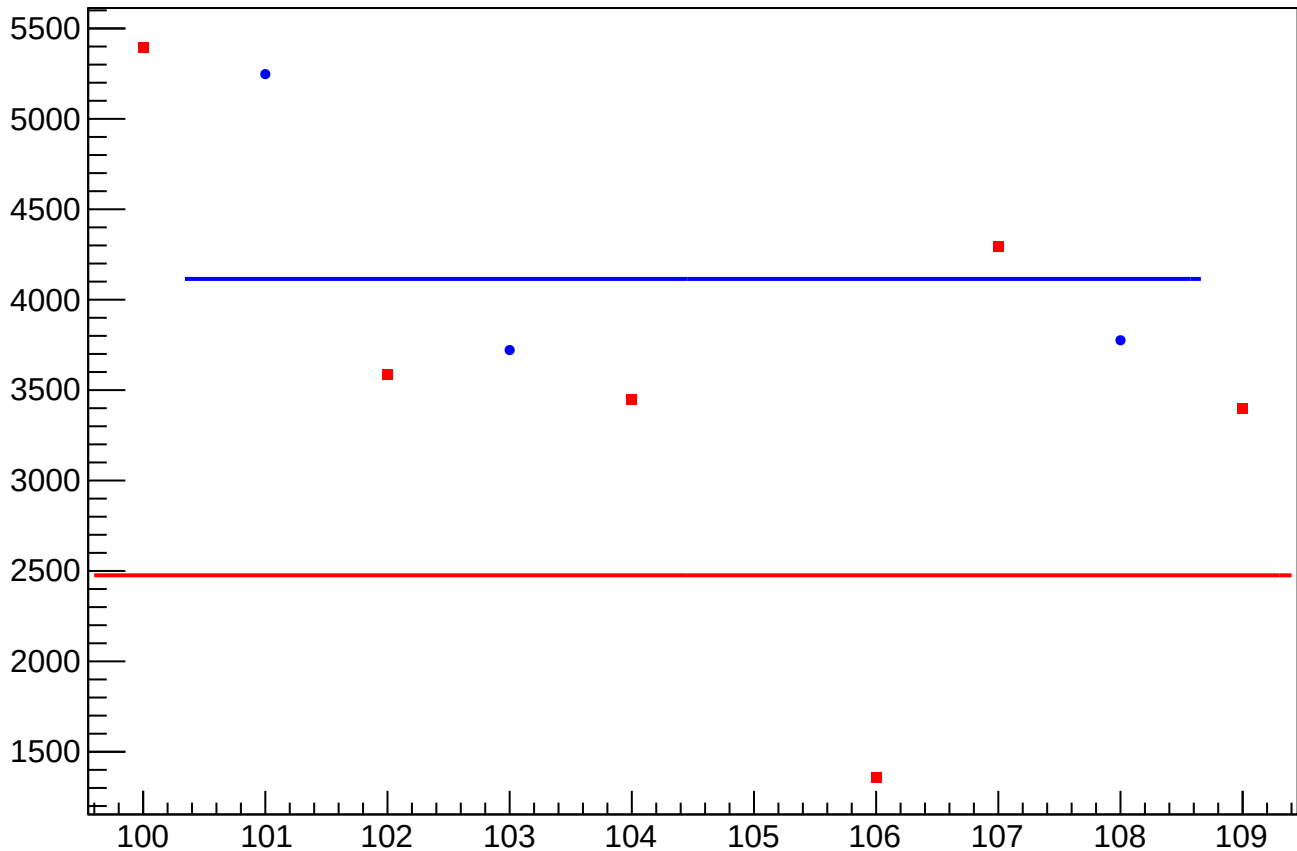
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2548.849+/-1573.273 χ^2 /NDF: 4.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 4114.917+/-2.303 χ^2/NDF : 79597.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2475.858+/-1.271 χ^2/NDF : 799695.5/5

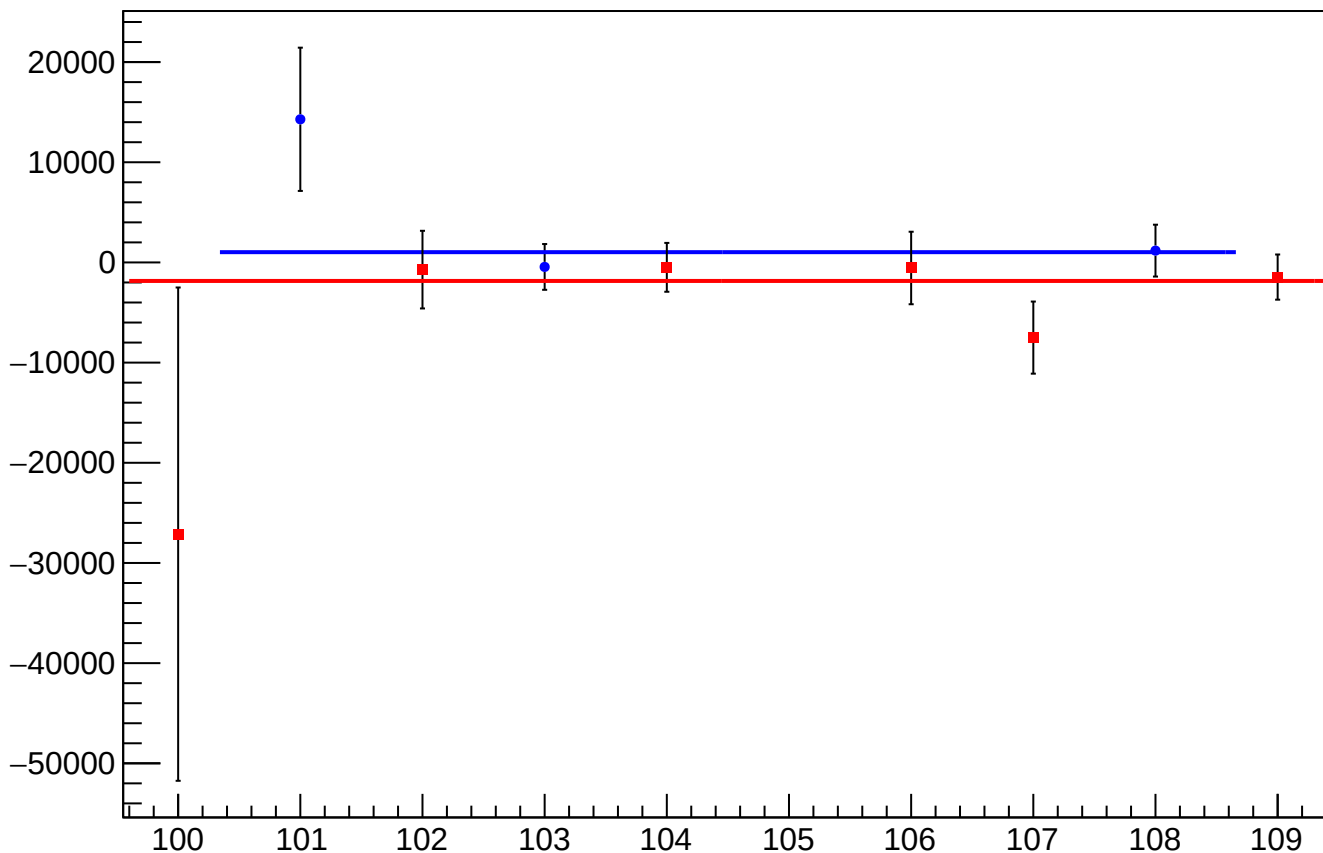
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2858.299+/-1.112 χ^2/NDF : 1267612.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 1025.014 $\pm$ 1665.709 χ^2 /NDF: 3.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1848.279 $\pm$ 1305.555 χ^2 /NDF: 4.1/5

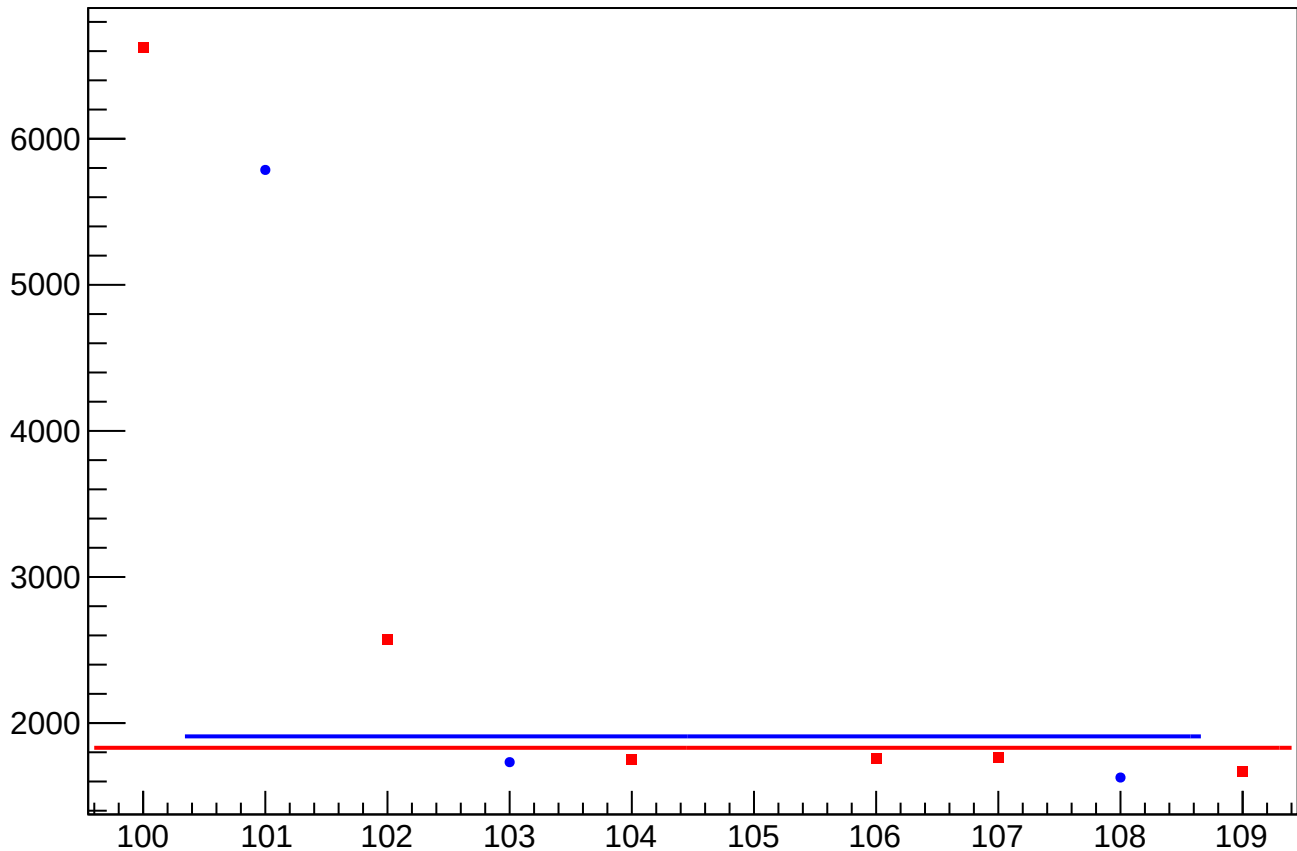
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -754.868 $\pm$ 1027.545 χ^2 /NDF: 9.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1908.879+/-1.178 χ^2/NDF : 623928.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1830.722+/-0.914 χ^2/NDF : 163827.5/5

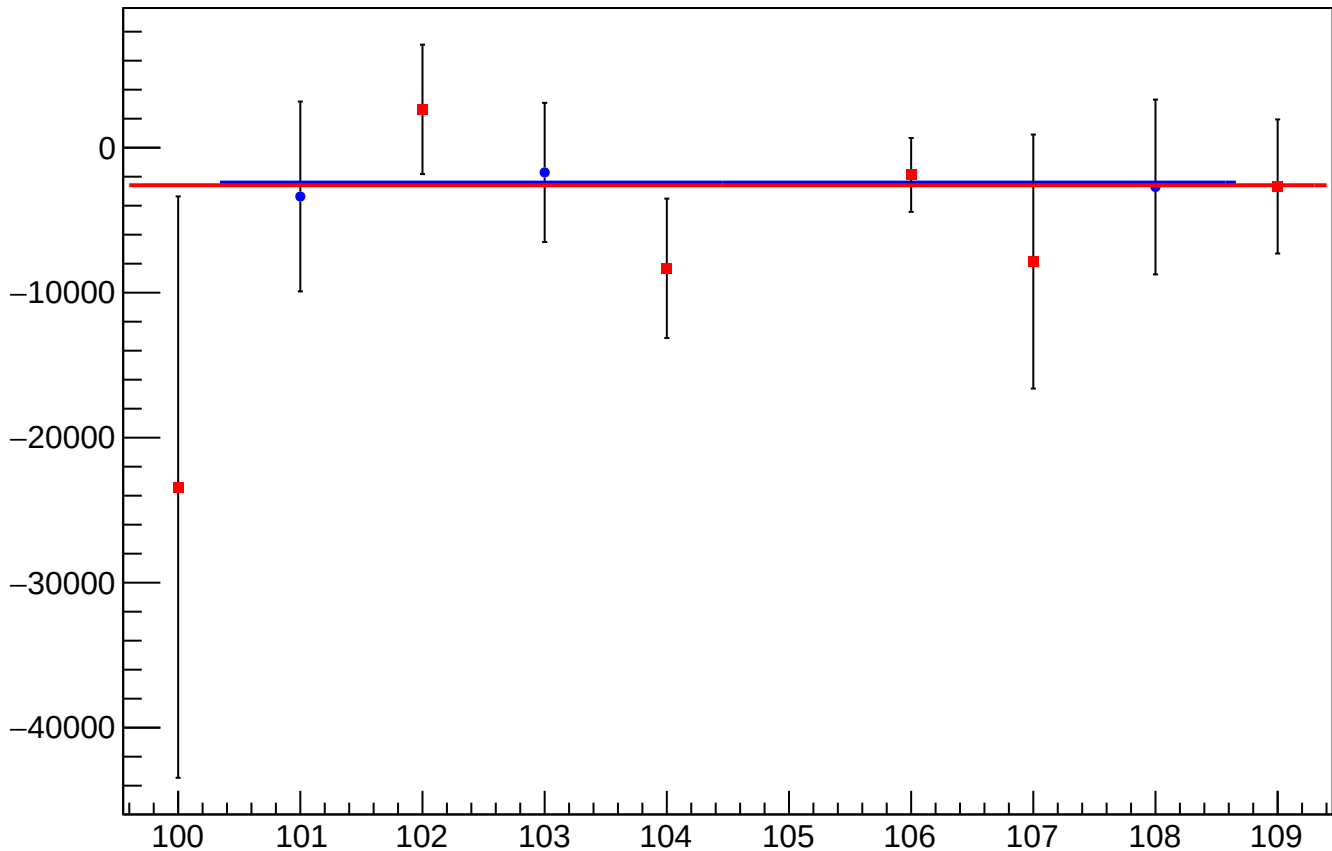
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.082+/-0.722 χ^2/NDF : 790505.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



Right In: -2410.342+/-3257.004 χ^2 /NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2590.988+/-1796.792 χ^2 /NDF: 4.3/5

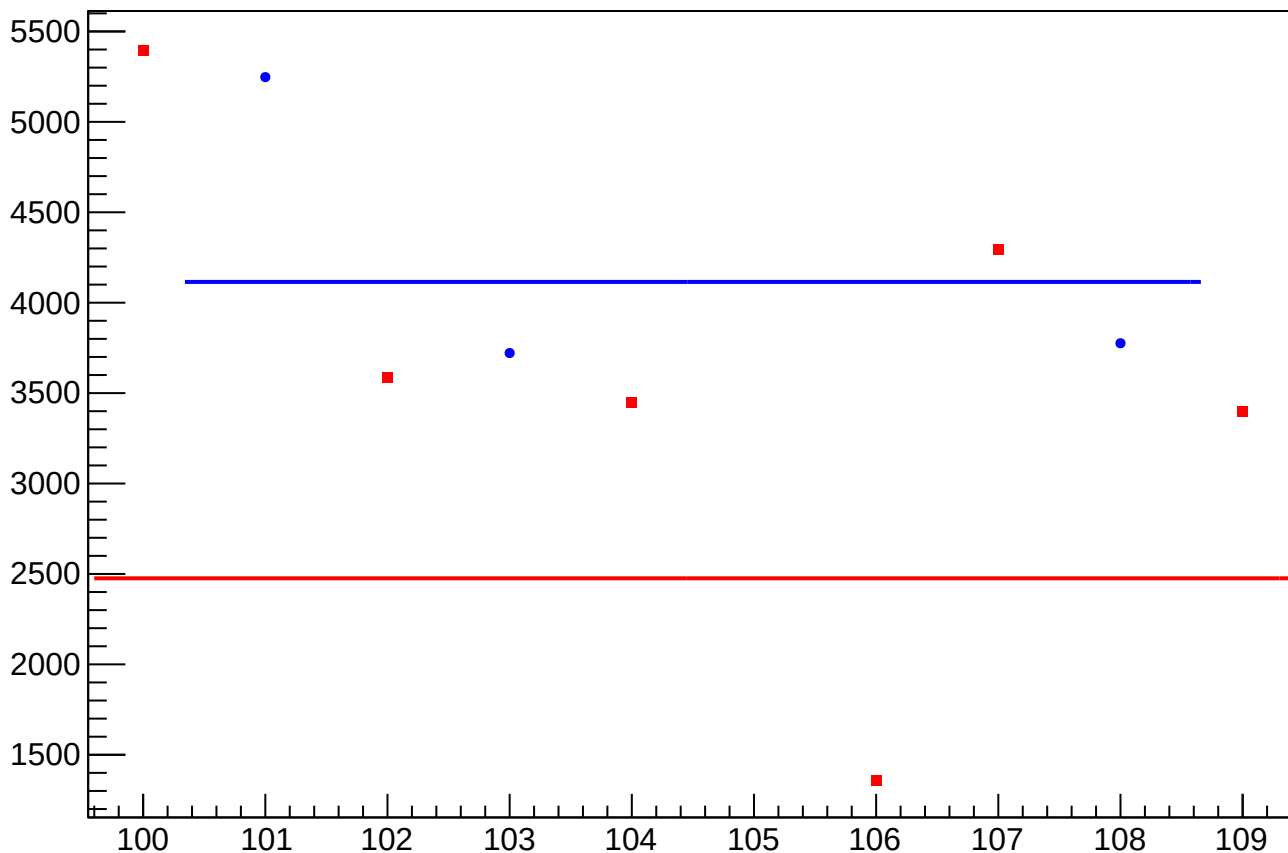
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2548.838+/-1573.267 χ^2 /NDF: 4.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 4114.909 $\pm$ 2.303 χ^2 /NDF: 79597.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2475.842 $\pm$ 1.271 χ^2 /NDF: 799707.9/5

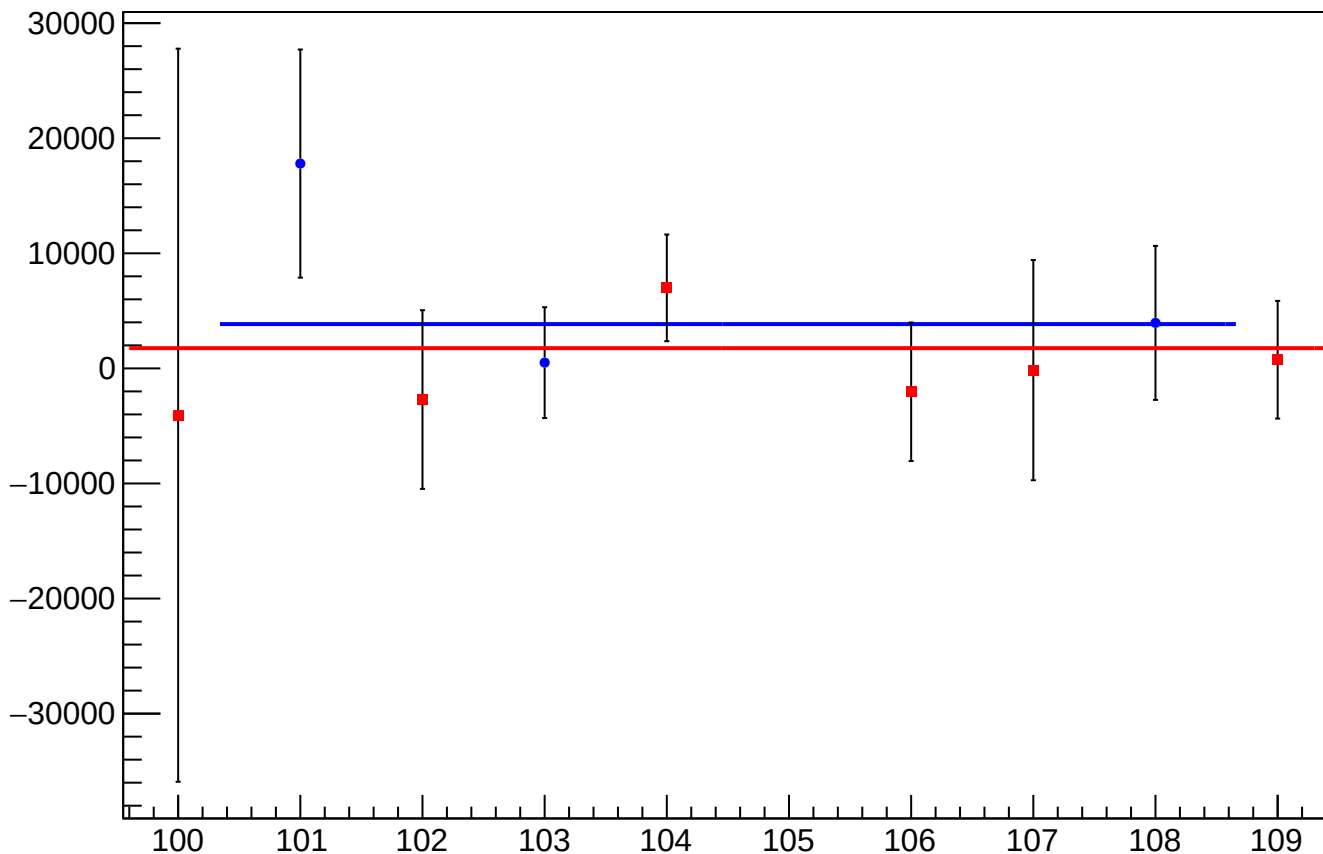
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2858.284 $\pm$ 1.112 χ^2 /NDF: 1267631.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_mean vs Slug



Right In: 3848.102 $\pm$ 3635.478 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1758.891 $\pm$ 2664.412 χ^2 /NDF: 2.1/5

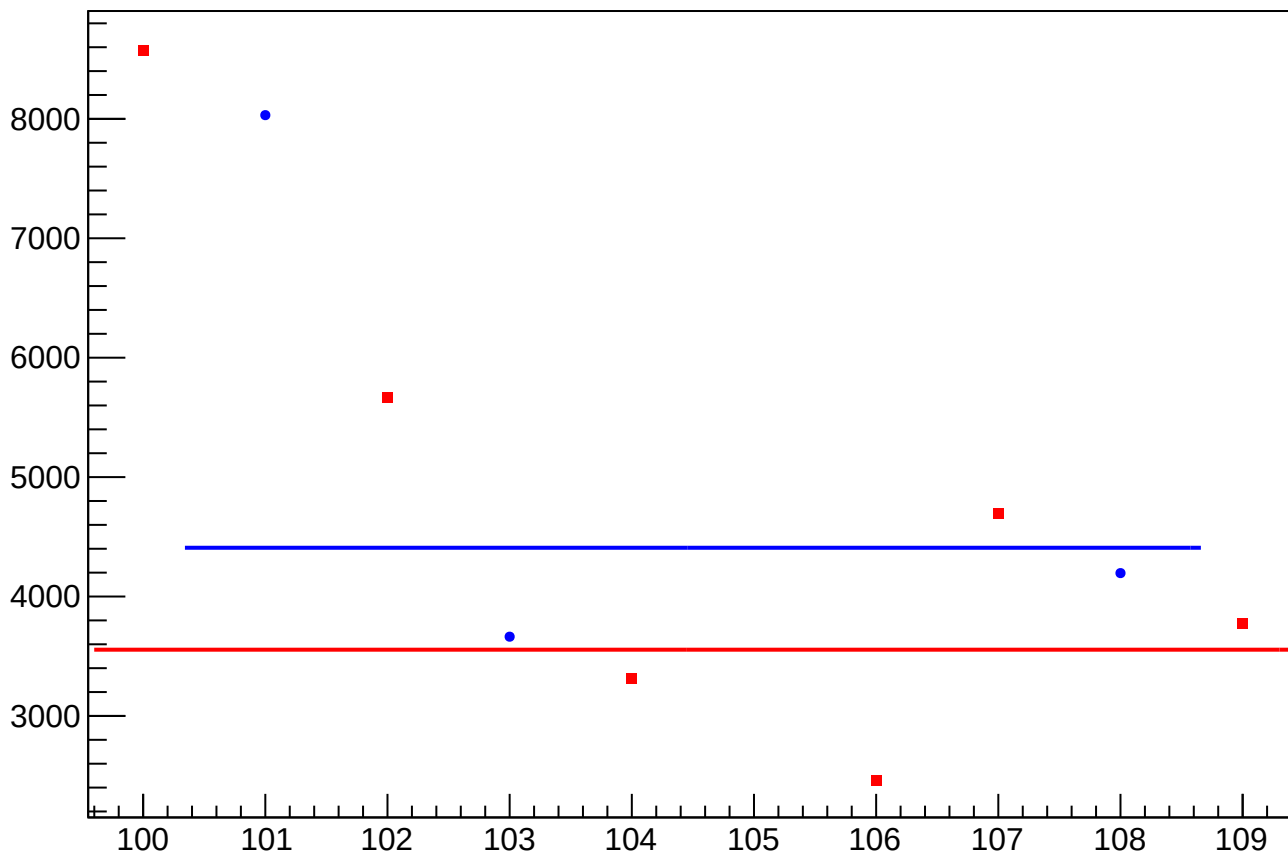
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2488.939 $\pm$ 2149.048 χ^2 /NDF: 4.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_rms vs Slug



Right In: 4408.388 $\pm$ 2.571 χ^2 /NDF: 317052.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3554.745 $\pm$ 1.777 χ^2 /NDF: 342537.7/5

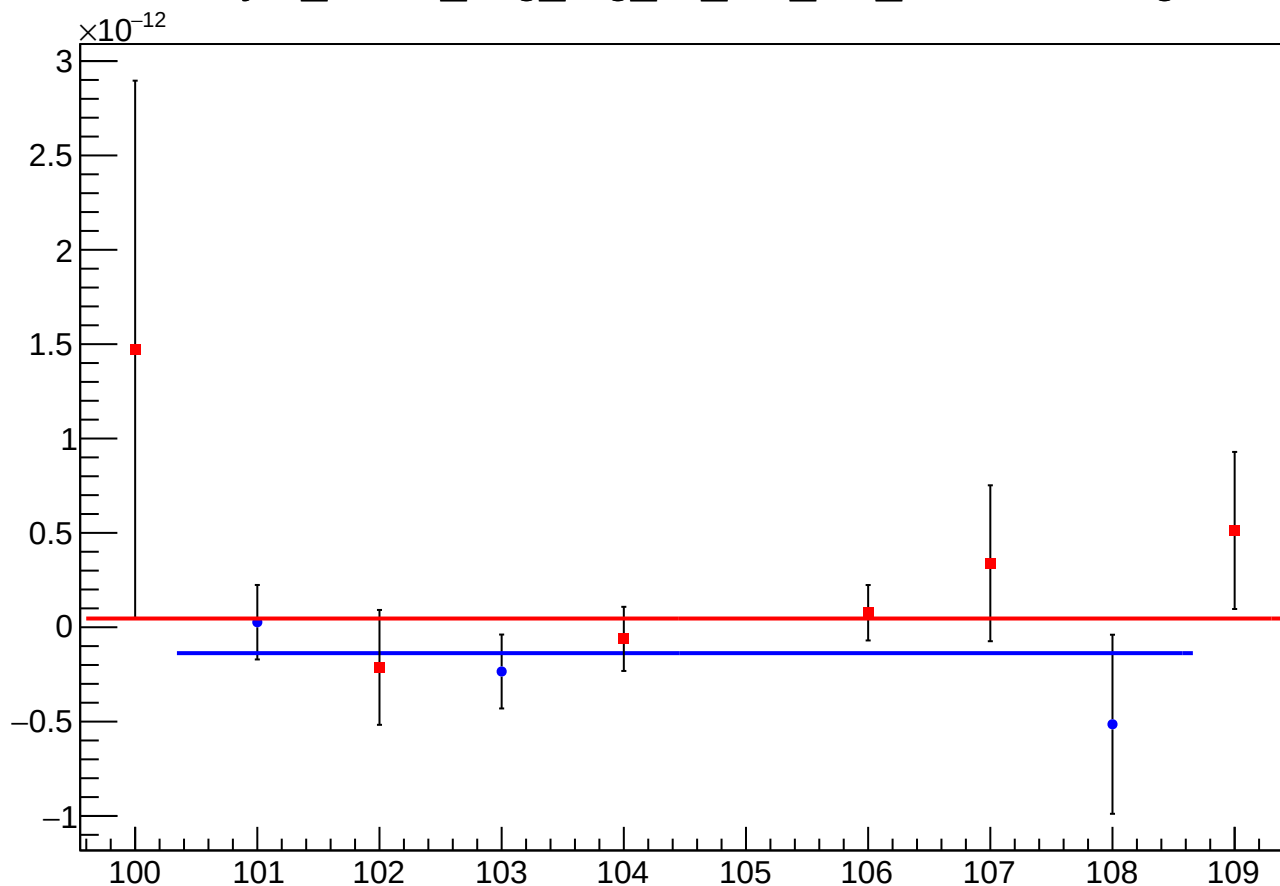
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3830.750 $\pm$ 1.462 χ^2 /NDF: 734209.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/5

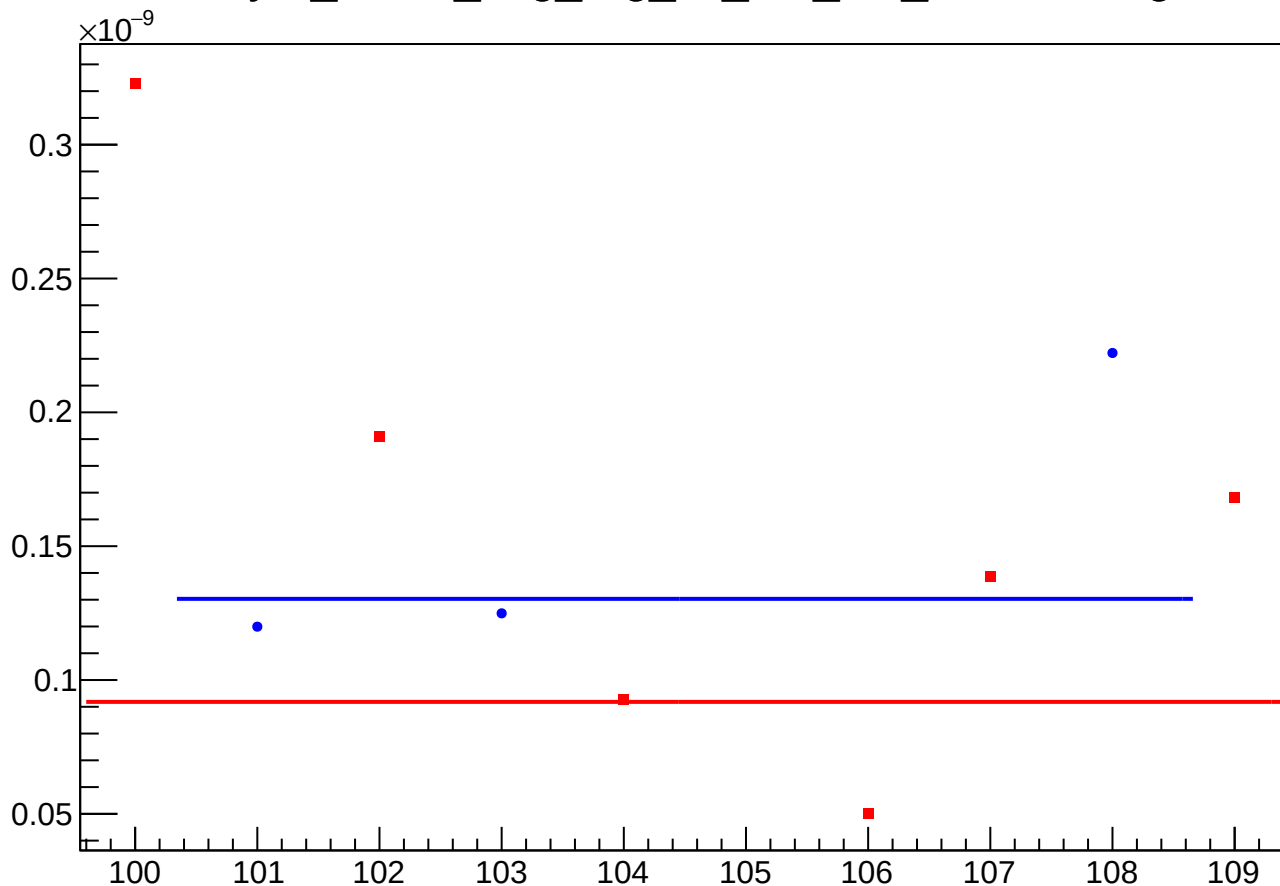
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 82040.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 519237.2/5

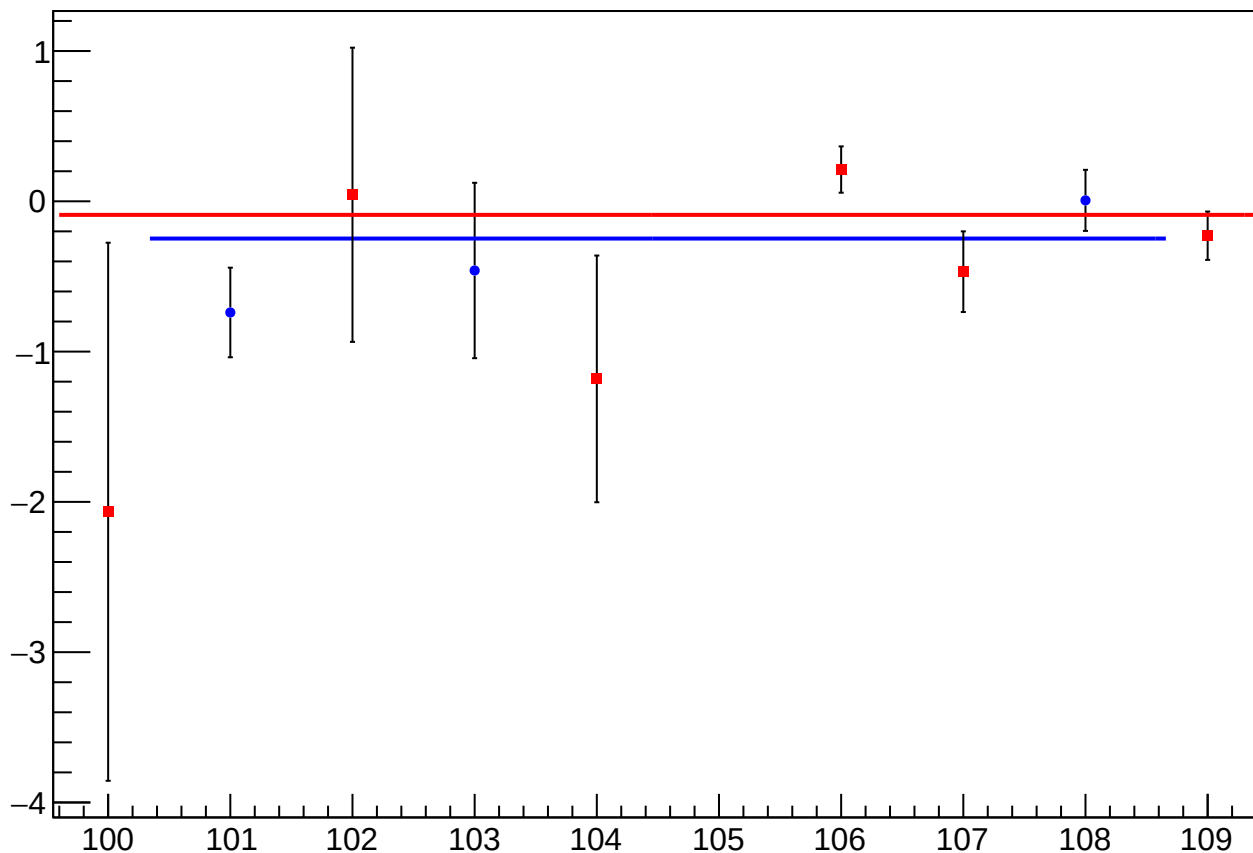
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 709331.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.248 $\pm$ 0.161 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.090 $\pm$ 0.101 χ^2 /NDF: 9.6/5

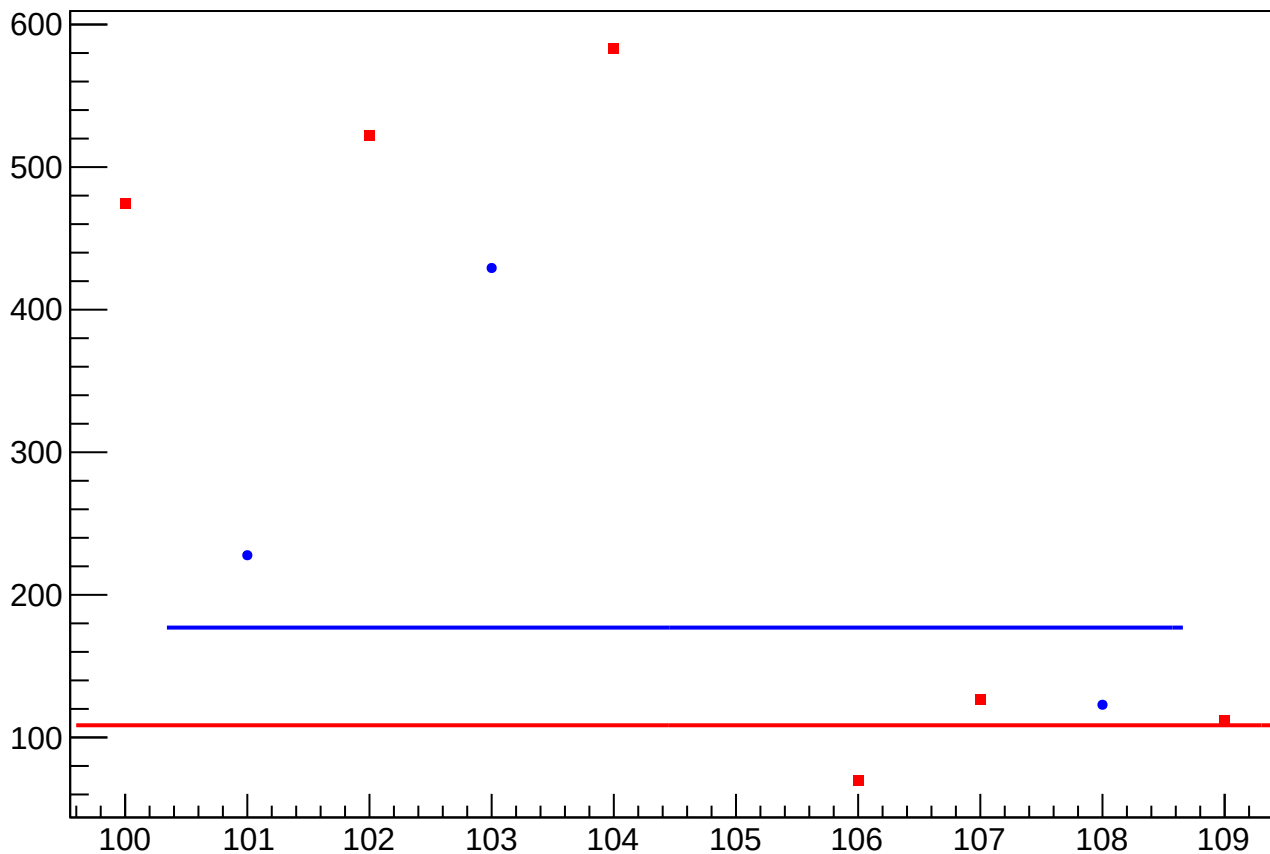
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.135 $\pm$ 0.086 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 177.044+/-0.114 χ^2/NDF : 573495.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.529+/-0.072 χ^2/NDF : 1246704.8/5

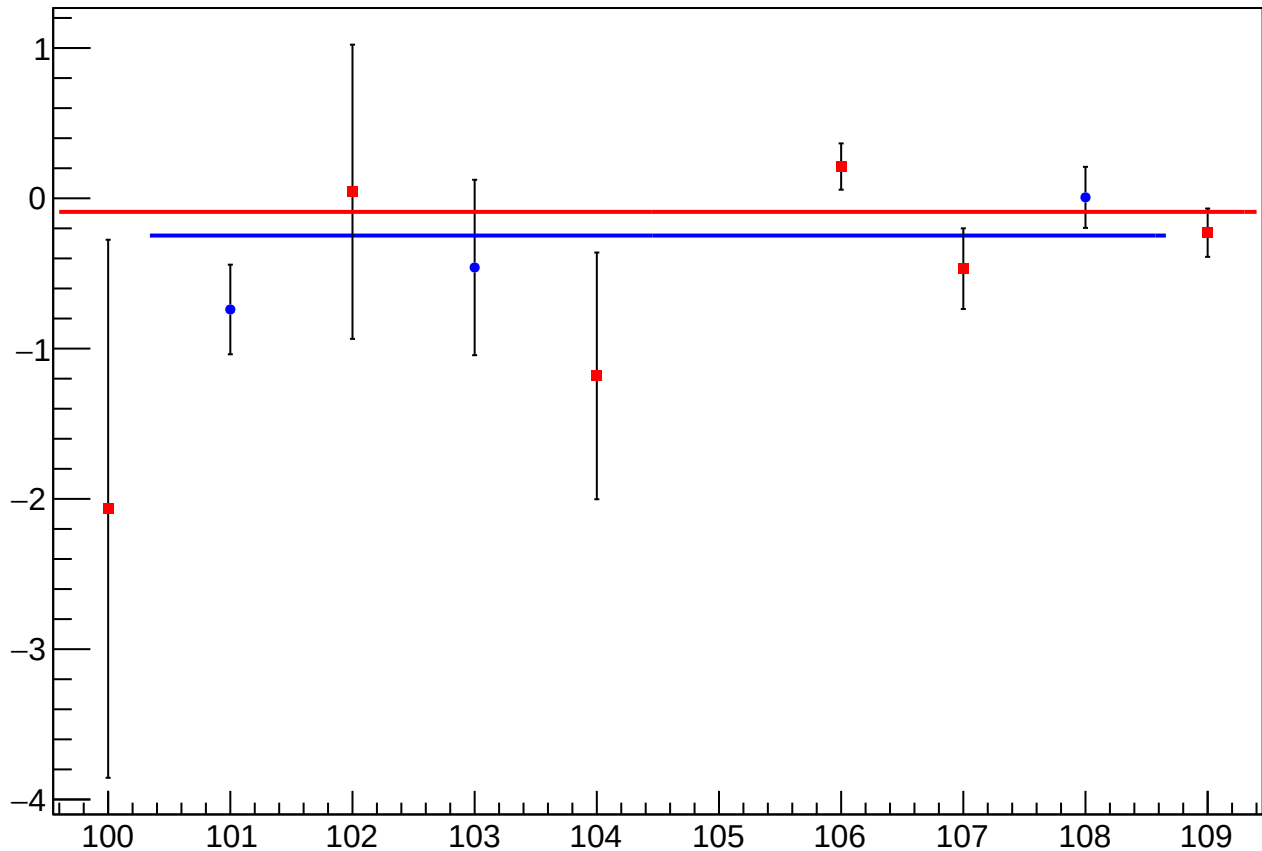
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.892+/-0.061 χ^2/NDF : 2078949.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.248 $\pm$ 0.161 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.090 $\pm$ 0.101 χ^2 /NDF: 9.6/5

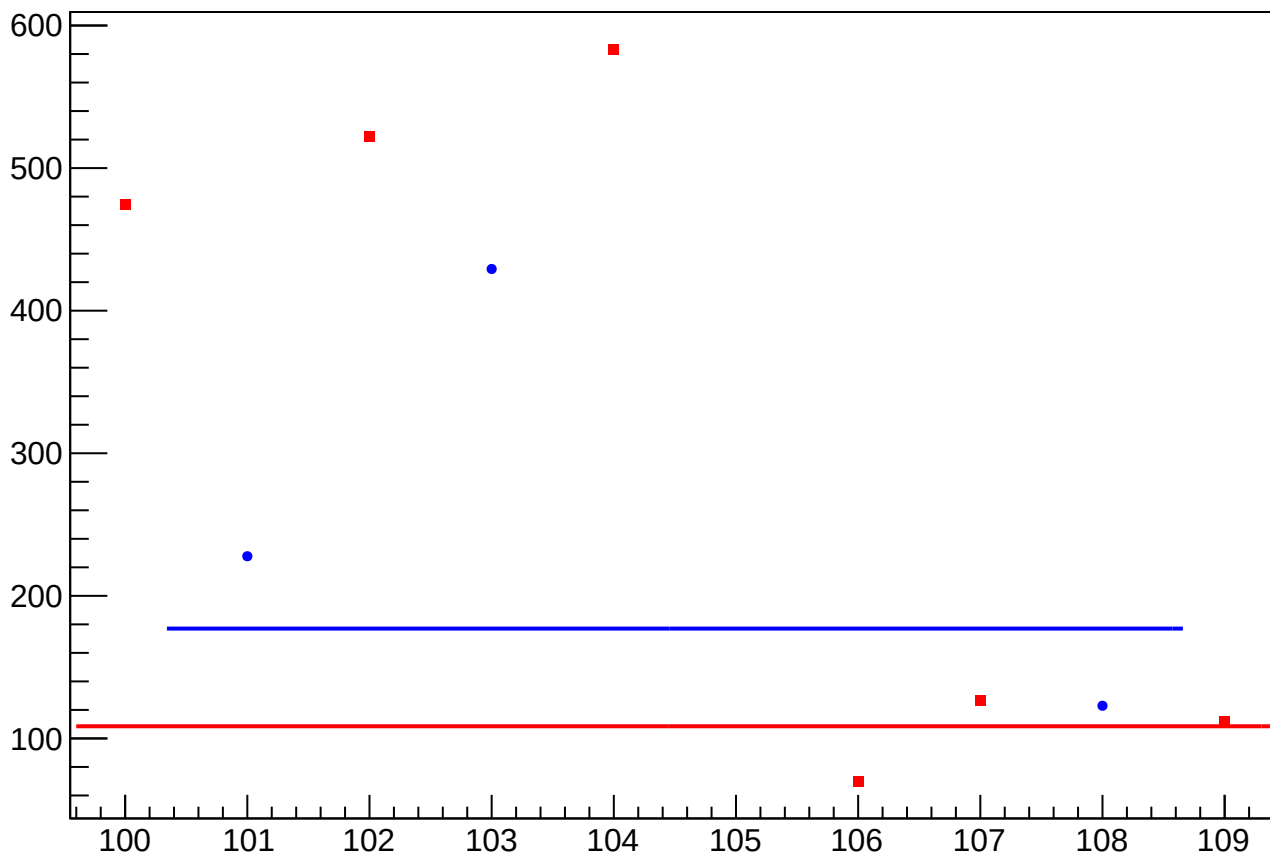
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.135 $\pm$ 0.086 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 177.044 $\pm$ 0.114 χ^2 /NDF: 573495.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.529 $\pm$ 0.072 χ^2 /NDF: 1246704.8/5

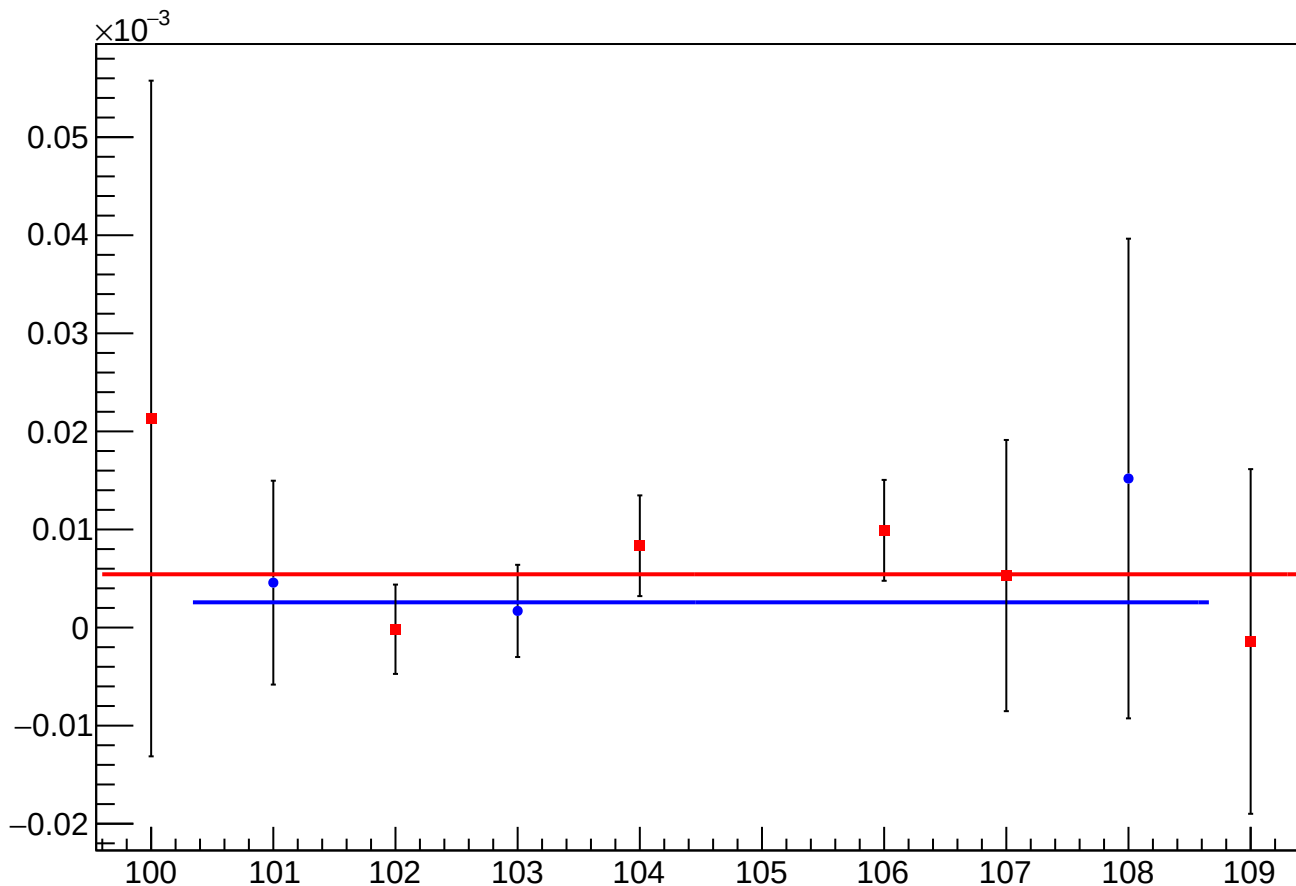
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.892 $\pm$ 0.061 χ^2 /NDF: 2078949.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.0/5

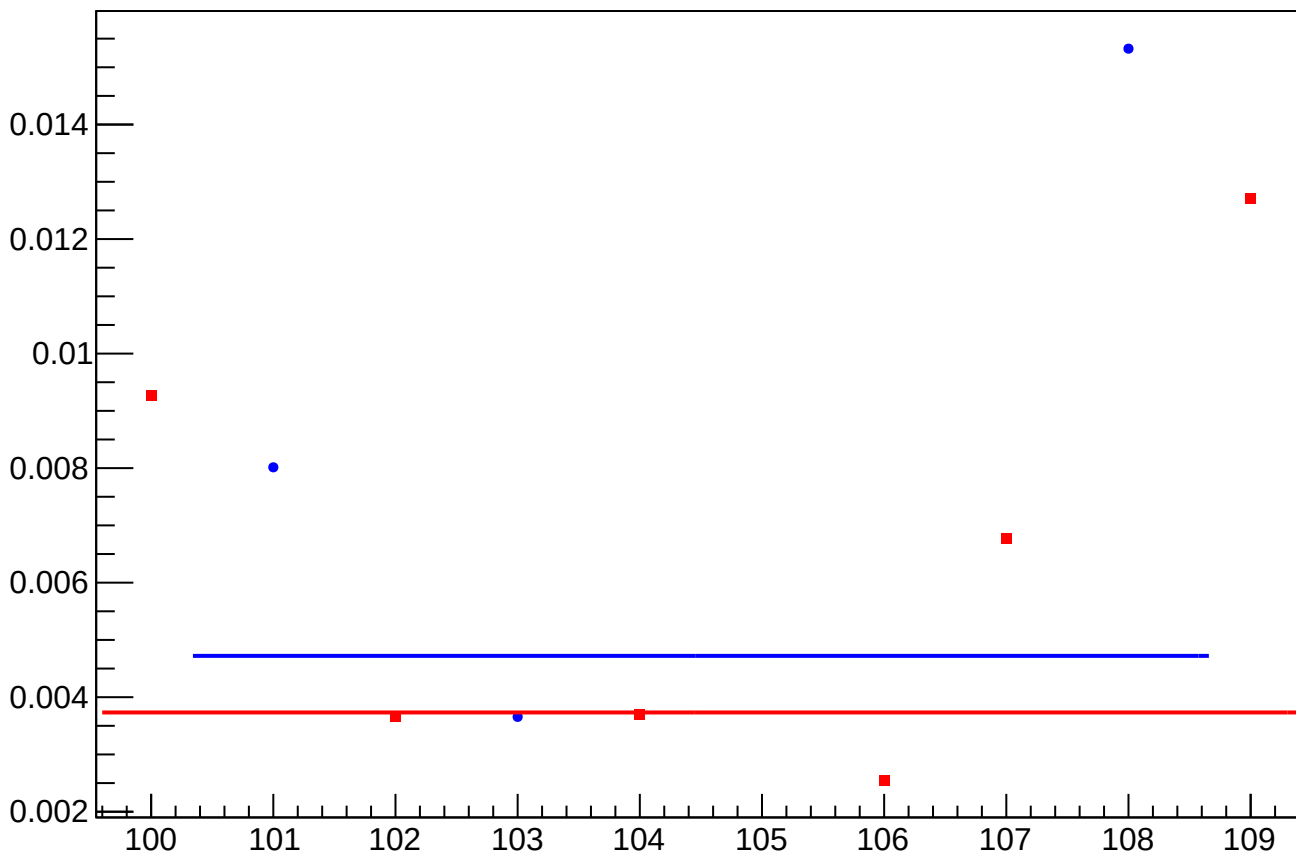
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 679474.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 778179.4/5

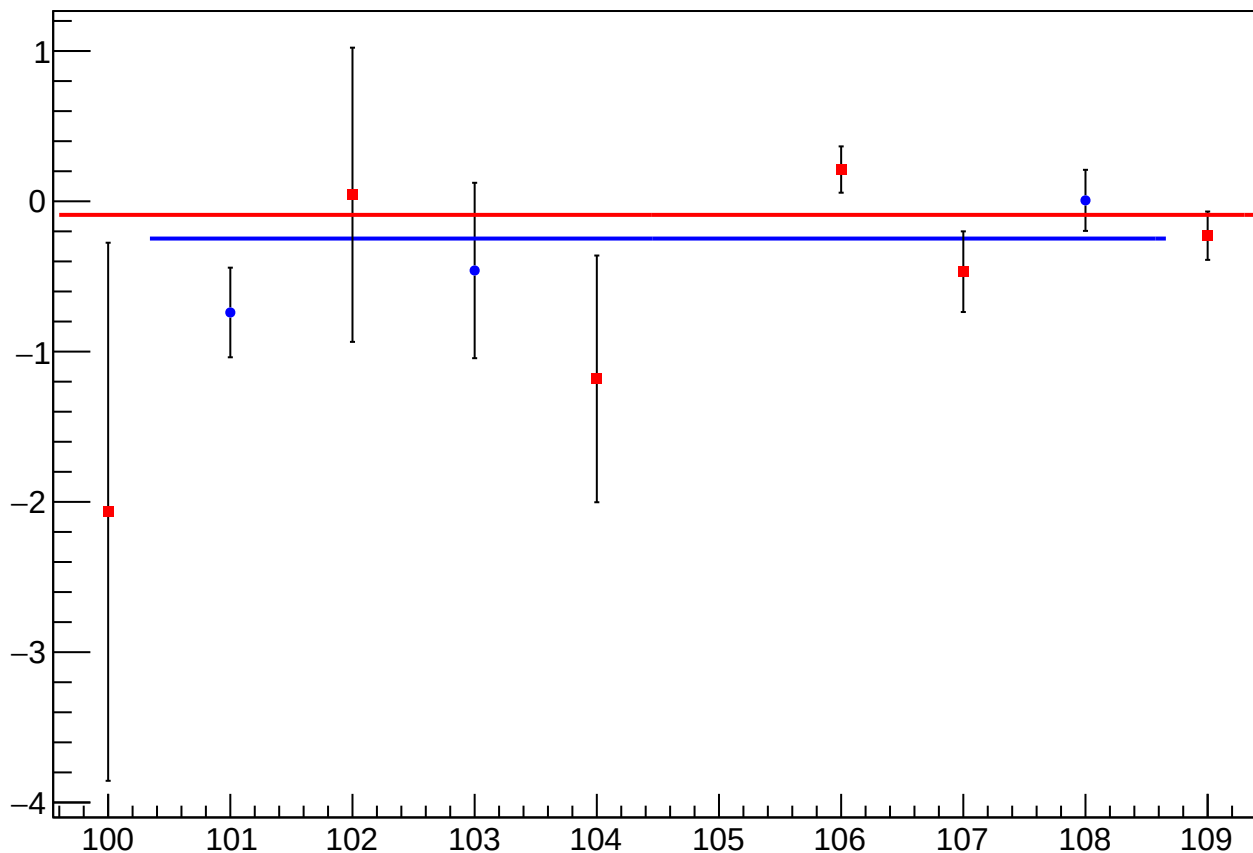
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1534848.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.248 $\pm$ 0.161 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.090 $\pm$ 0.101 χ^2 /NDF: 9.6/5

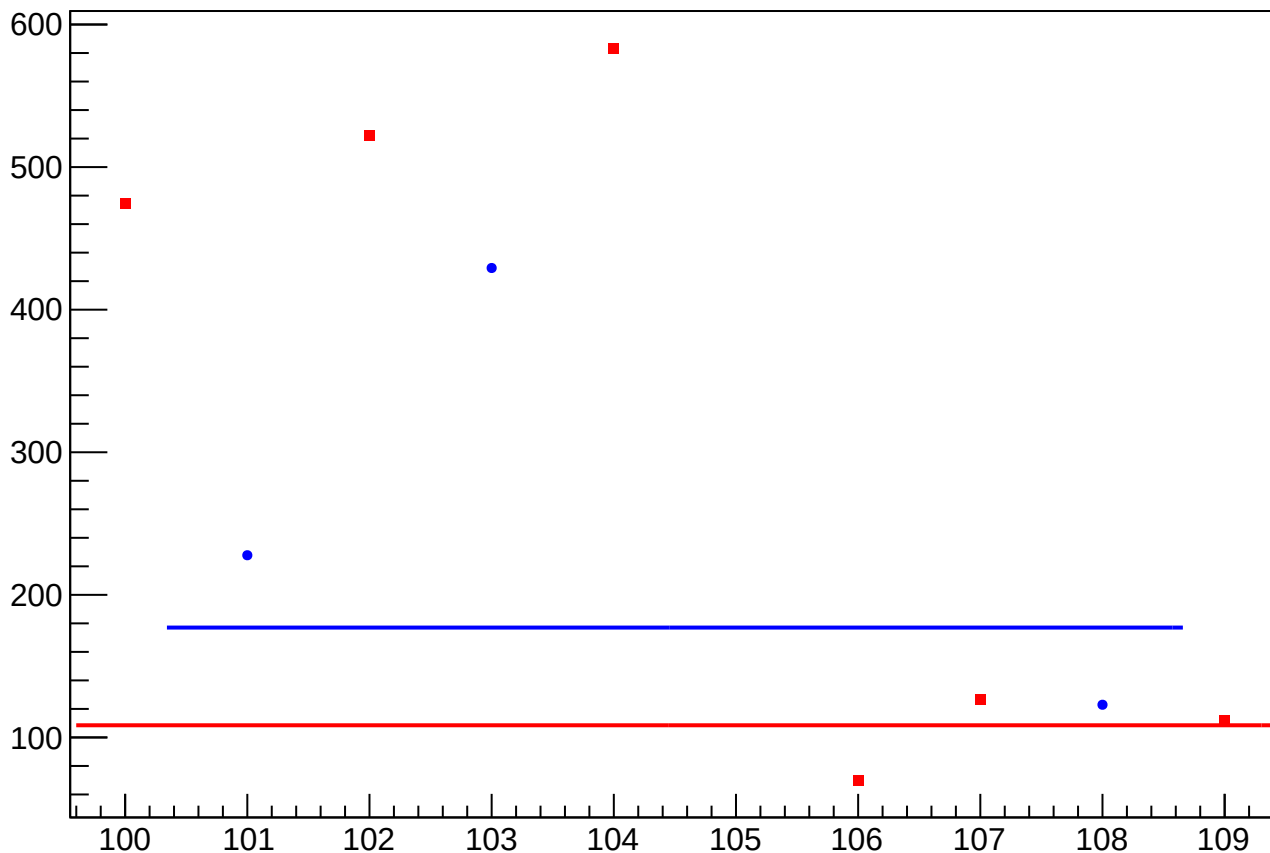
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.135 $\pm$ 0.086 χ^2 /NDF: 14.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 177.054+/-0.114 χ^2/NDF : 573423.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.530+/-0.072 χ^2/NDF : 1246693.4/5

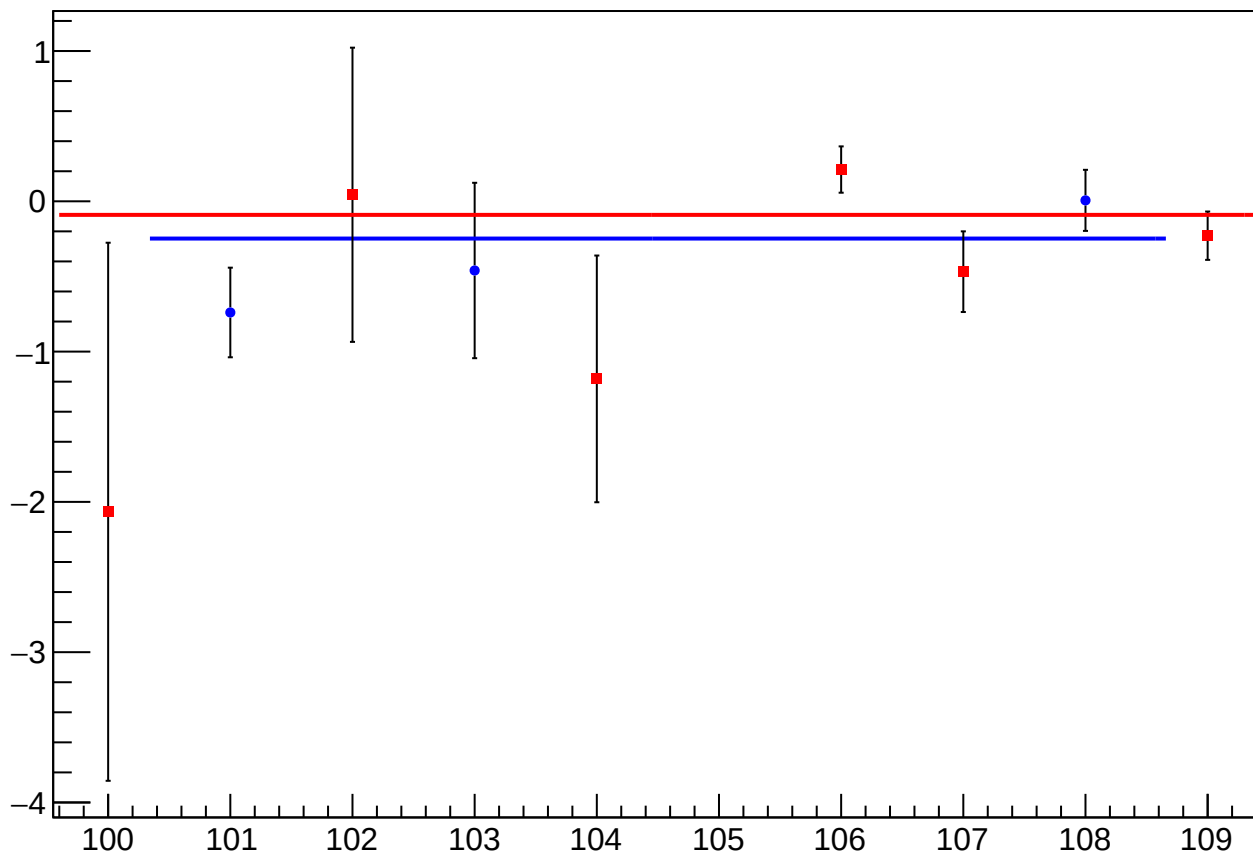
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.895+/-0.061 χ^2/NDF : 2078912.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.248+/-0.161 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.090+/-0.101 χ^2/NDF : 9.6/5

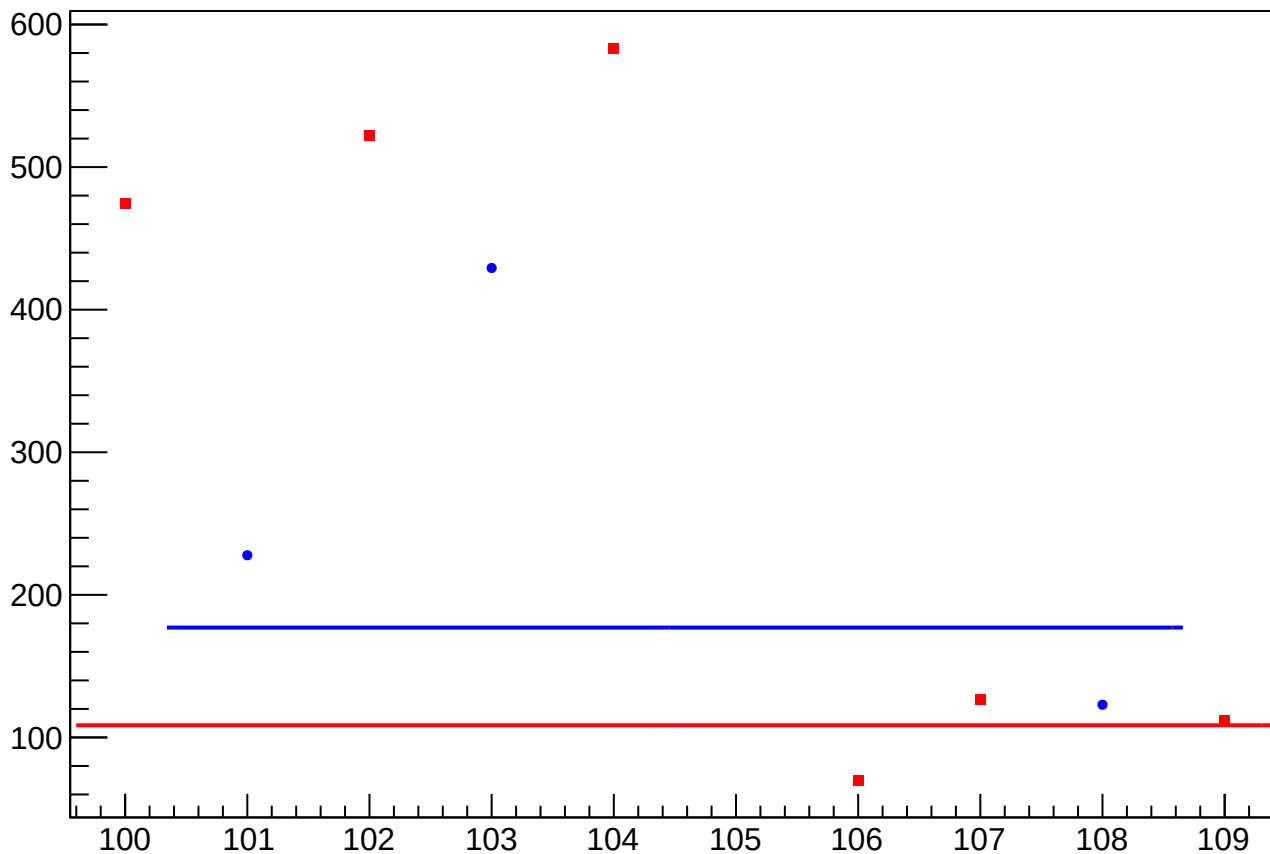
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.135+/-0.086 χ^2/NDF : 14.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 177.054+/-0.114 χ^2/NDF : 573423.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.530+/-0.072 χ^2/NDF : 1246693.4/5

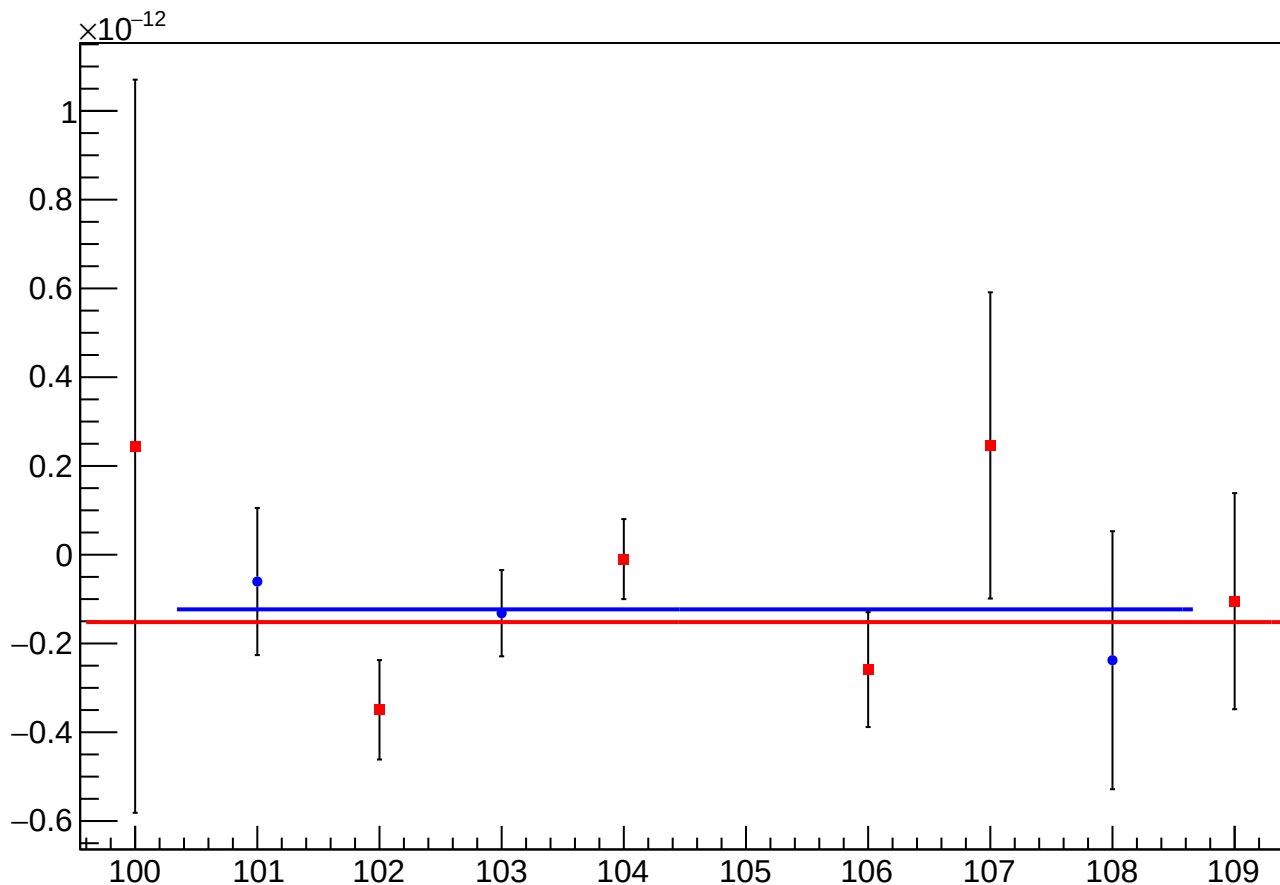
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.895+/-0.061 χ^2/NDF : 2078912.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/5

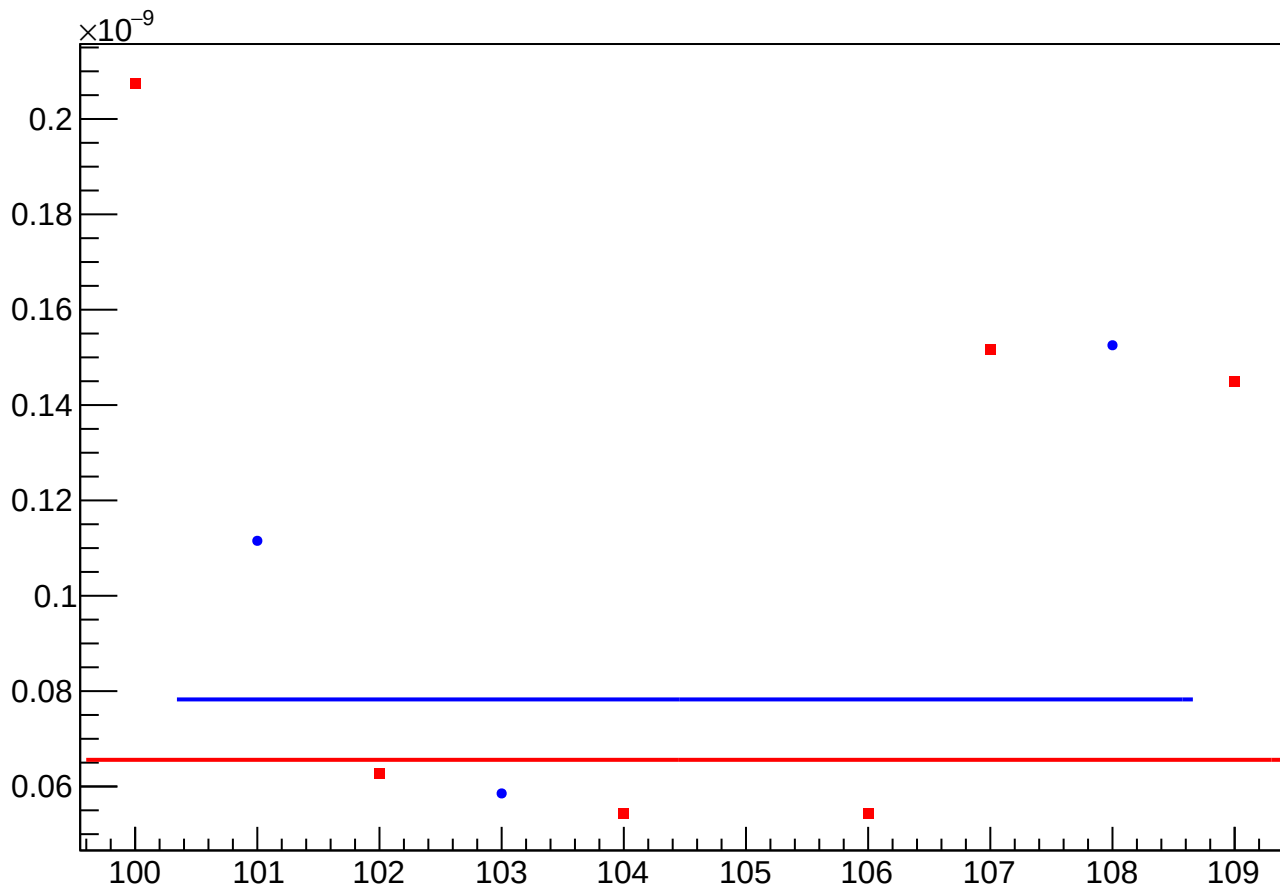
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 293579.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 443845.2/5

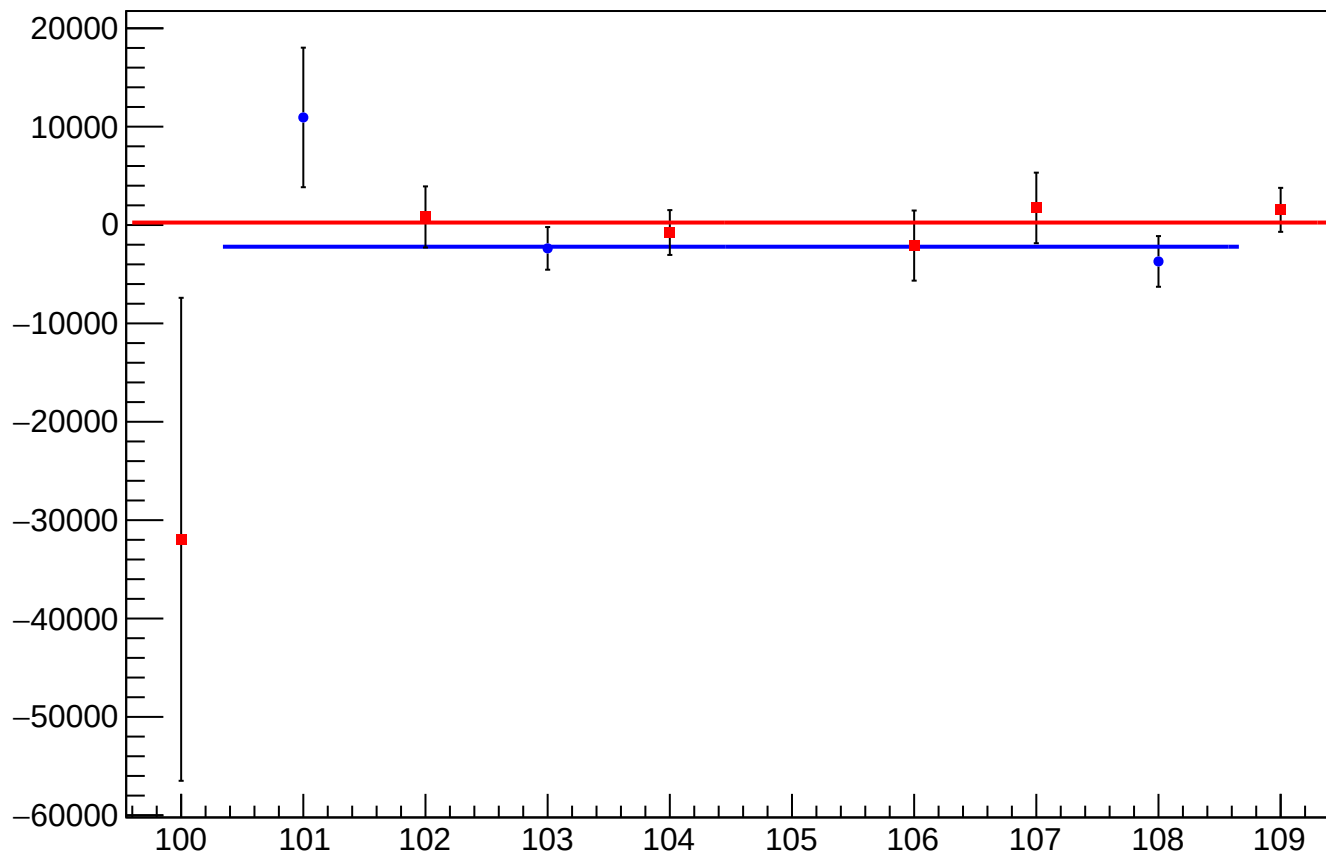
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 769709.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: -2204.557 $\pm$ 1615.605 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.902 $\pm$ 1236.155 χ^2 /NDF: 2.9/5

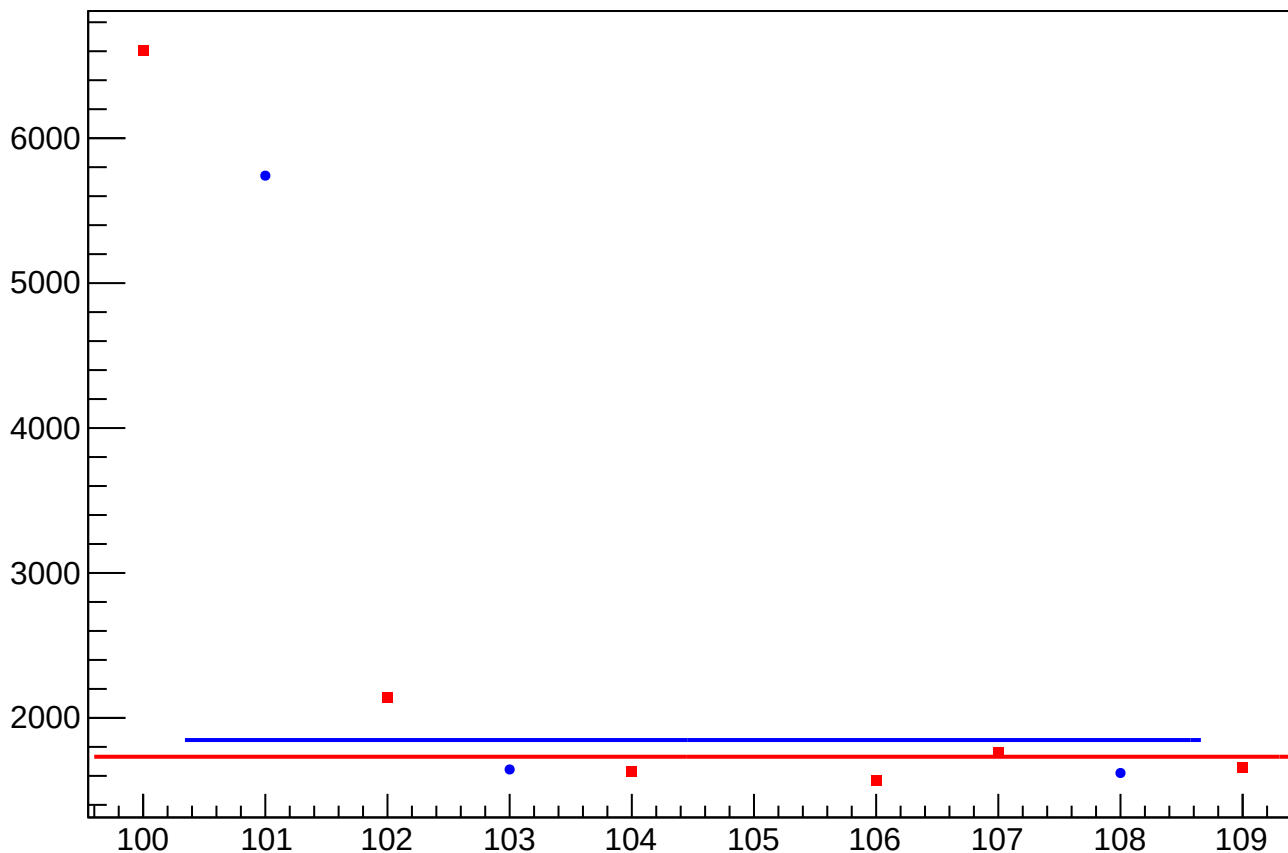
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -655.162 $\pm$ 981.746 χ^2 /NDF: 8.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1847.304+/-1.142 χ^2/NDF : 635998.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1732.025+/-0.852 χ^2/NDF : 126330.7/5

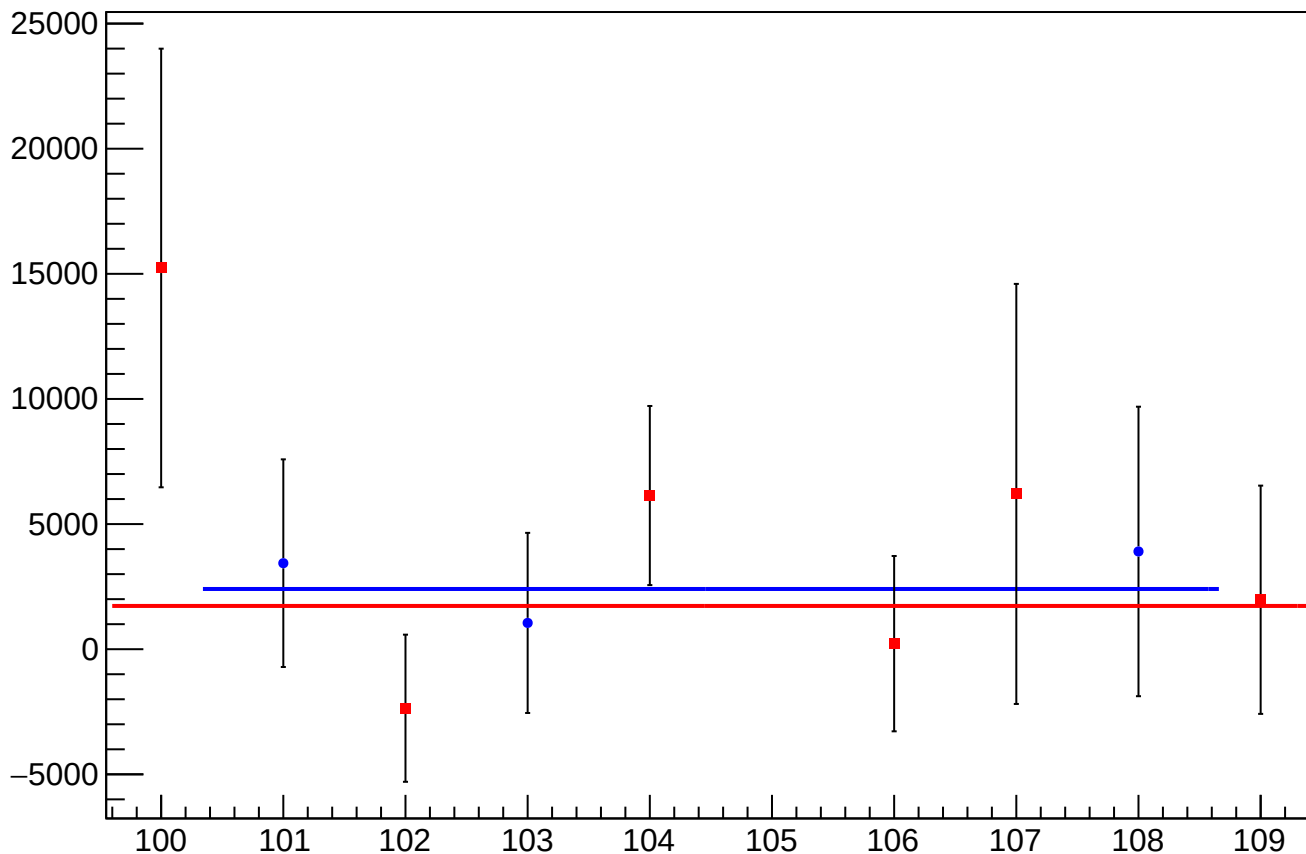
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1773.221+/-0.683 χ^2/NDF : 768872.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: 2406.636 $\pm$ 2460.388 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1728.932 $\pm$ 1688.945 χ^2 /NDF: 6.3/5

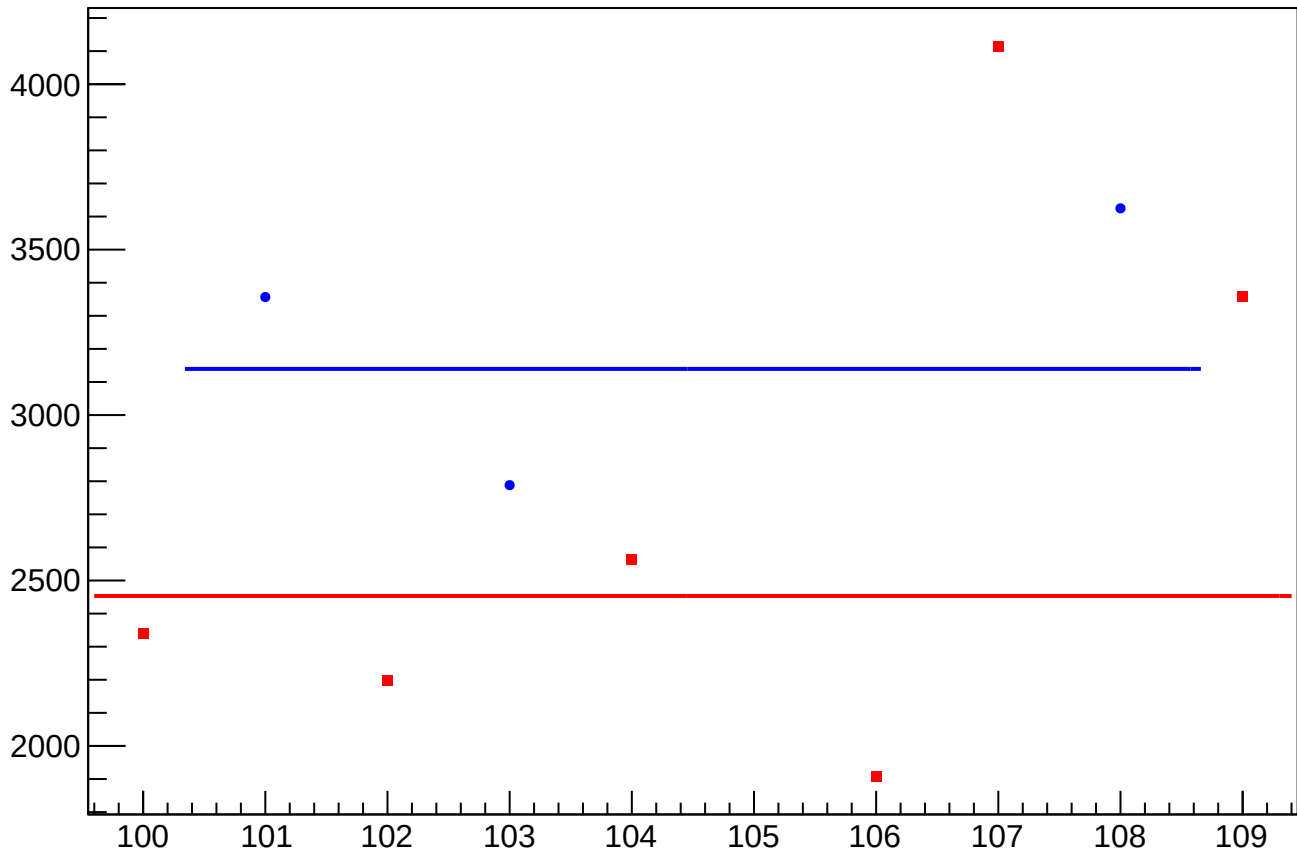
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1945.995 $\pm$ 1392.441 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 3139.529 $\pm$ 1.740 χ^2 /NDF: 38617.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2453.278 $\pm$ 1.194 χ^2 /NDF: 223164.6/5

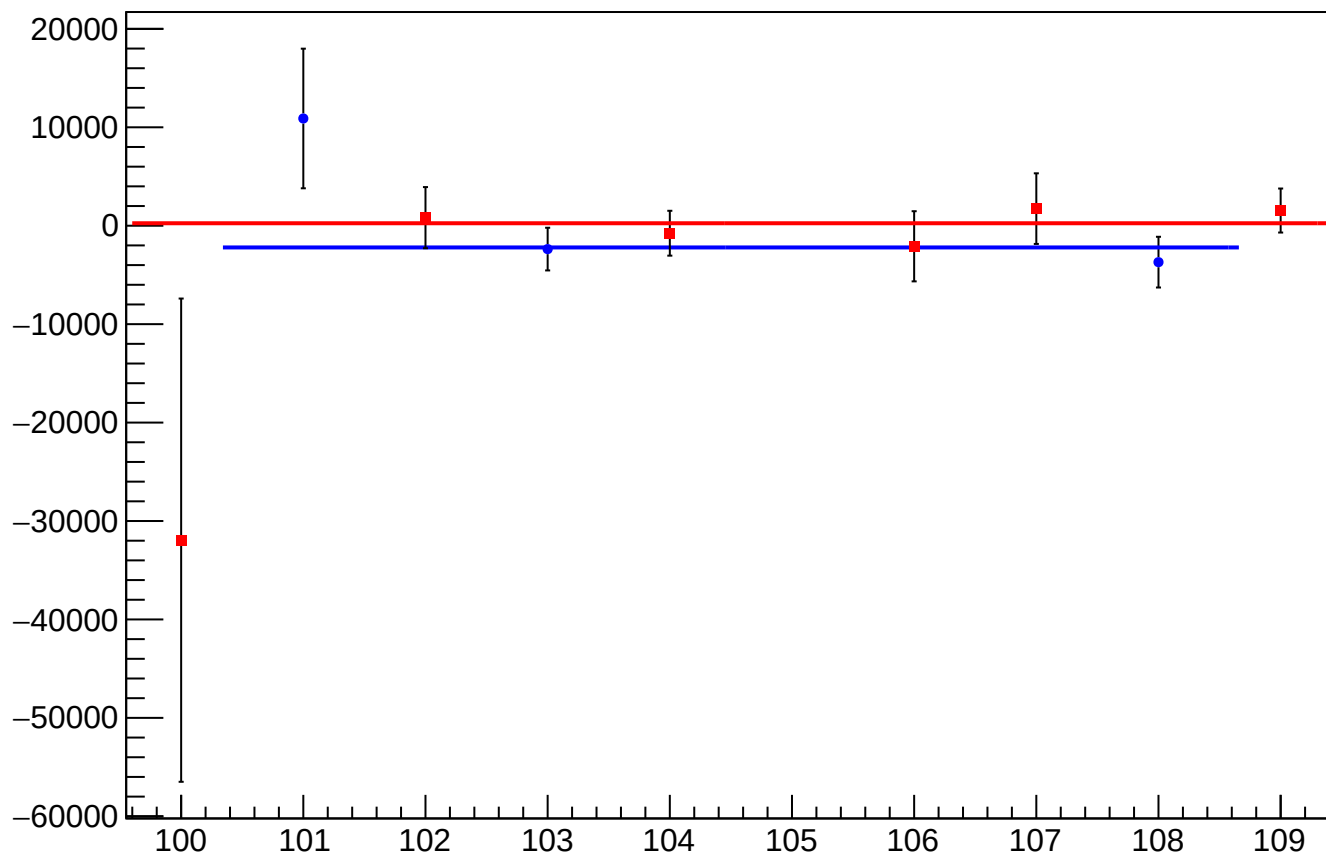
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2673.079 $\pm$ 0.985 χ^2 /NDF: 367539.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



Right In: -2206.768 $\pm$ 1615.605 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.593 $\pm$ 1236.155 χ^2 /NDF: 2.9/5

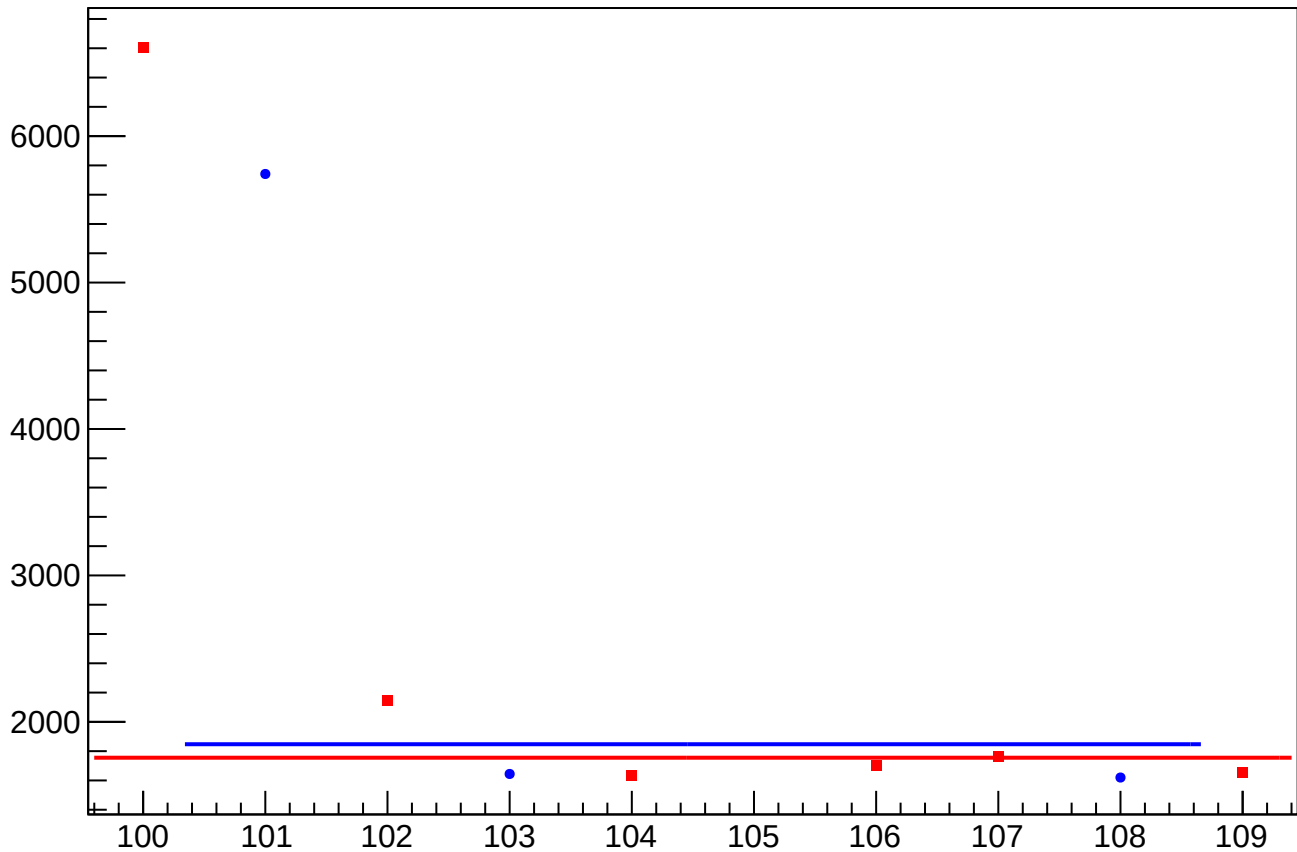
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -656.173 $\pm$ 981.747 χ^2 /NDF: 8.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1847.302+/-1.142 χ^2/NDF : 635998.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1755.241+/-0.863 χ^2/NDF : 119707.3/5

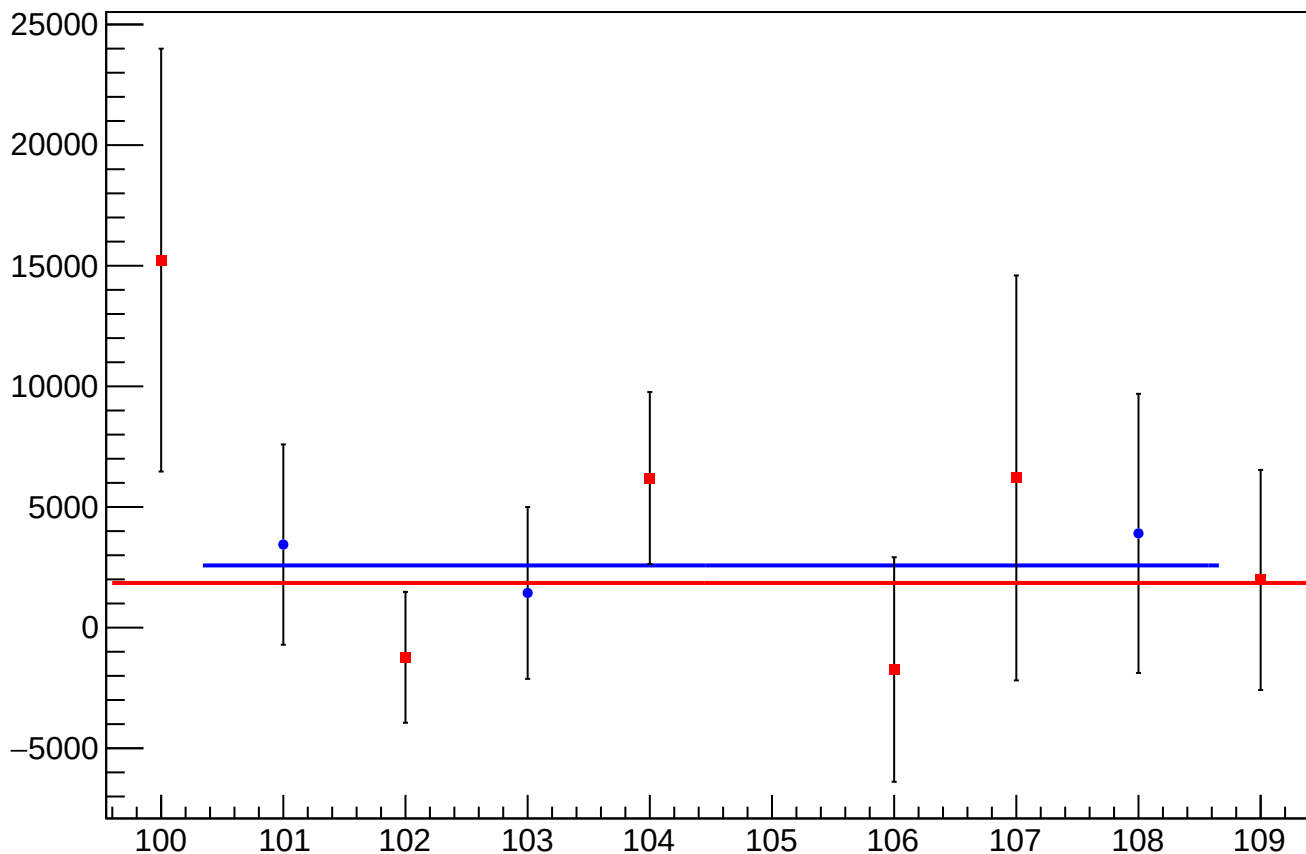
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.671+/-0.688 χ^2/NDF : 759841.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 2577.594 $\pm$ 2448.906 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1851.116 $\pm$ 1725.108 χ^2 /NDF: 6.0/5

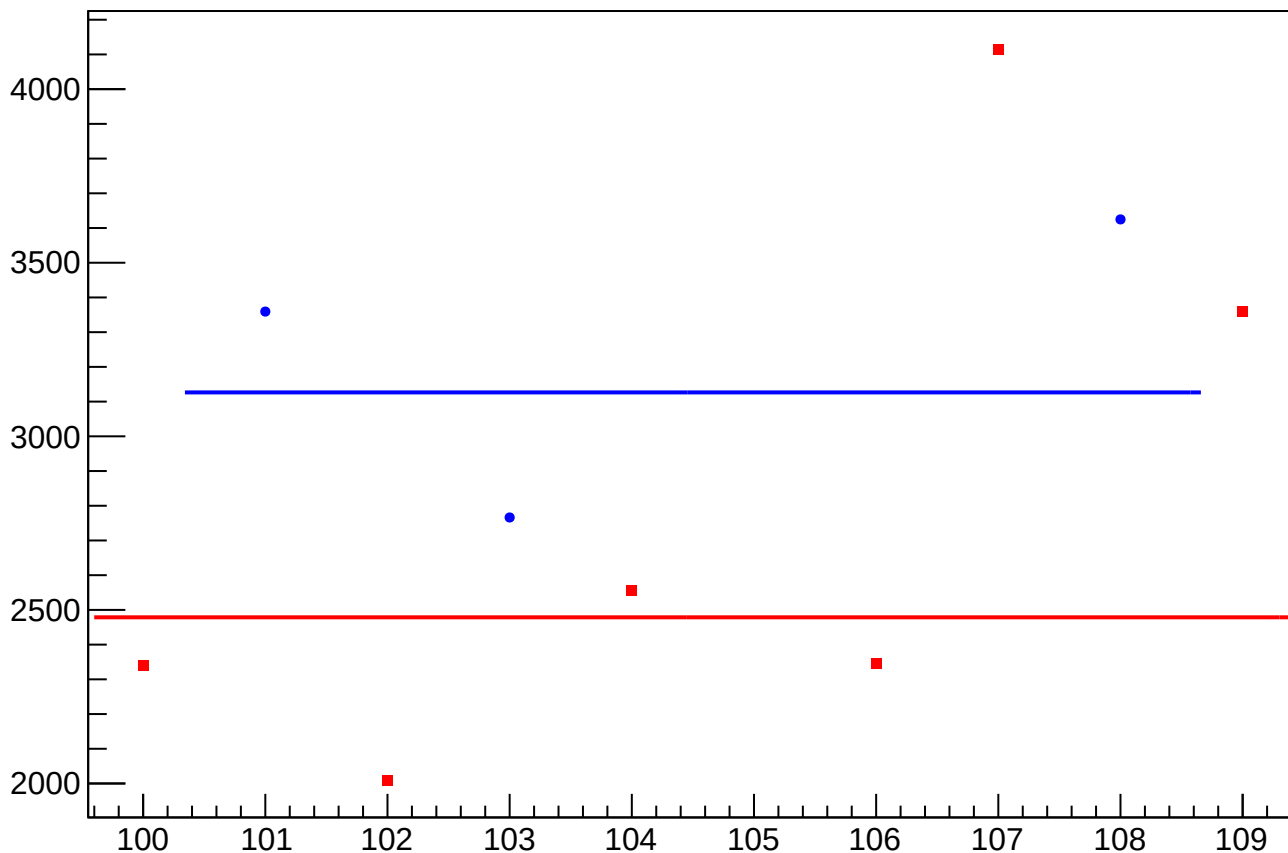
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2092.057 $\pm$ 1410.315 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 3126.476 $\pm$ 1.732 χ^2 /NDF: 41599.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2478.648 $\pm$ 1.220 χ^2 /NDF: 213116.4/5

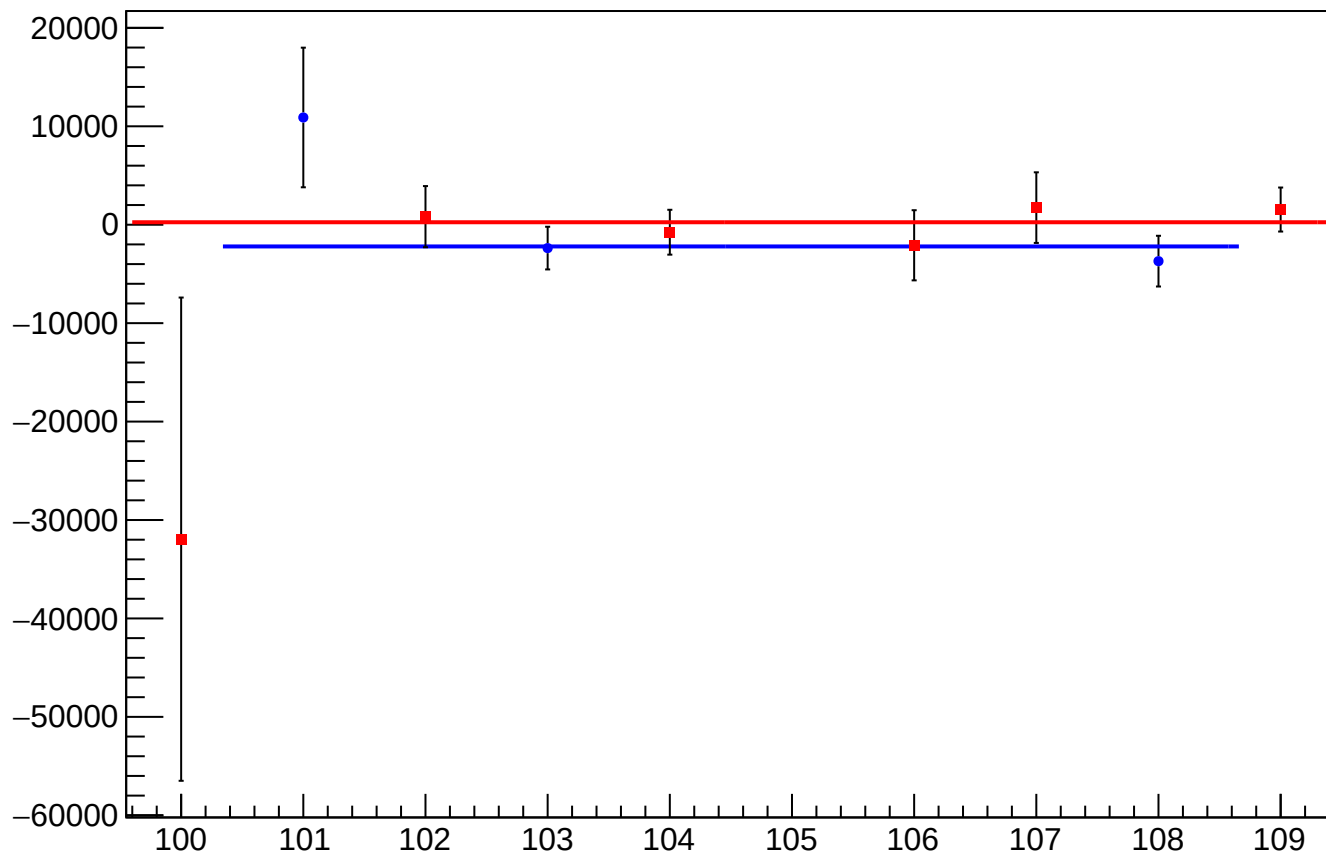
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2693.504 $\pm$ 0.997 χ^2 /NDF: 348257.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: -2206.768 $\pm$ 1615.605 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.593 $\pm$ 1236.155 χ^2 /NDF: 2.9/5

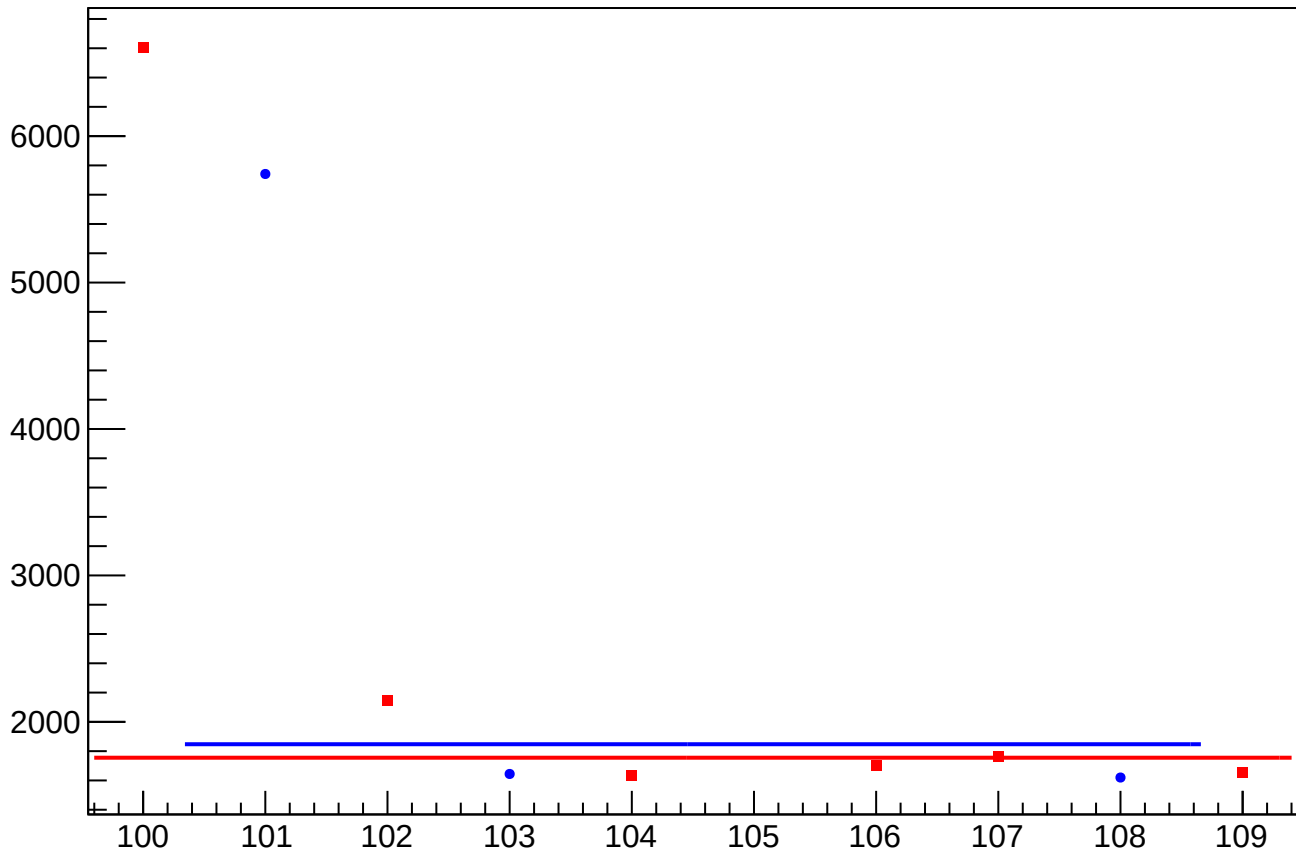
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -656.173 $\pm$ 981.747 χ^2 /NDF: 8.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1847.302+/-1.142 χ^2/NDF : 635998.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1755.241+/-0.863 χ^2/NDF : 119707.3/5

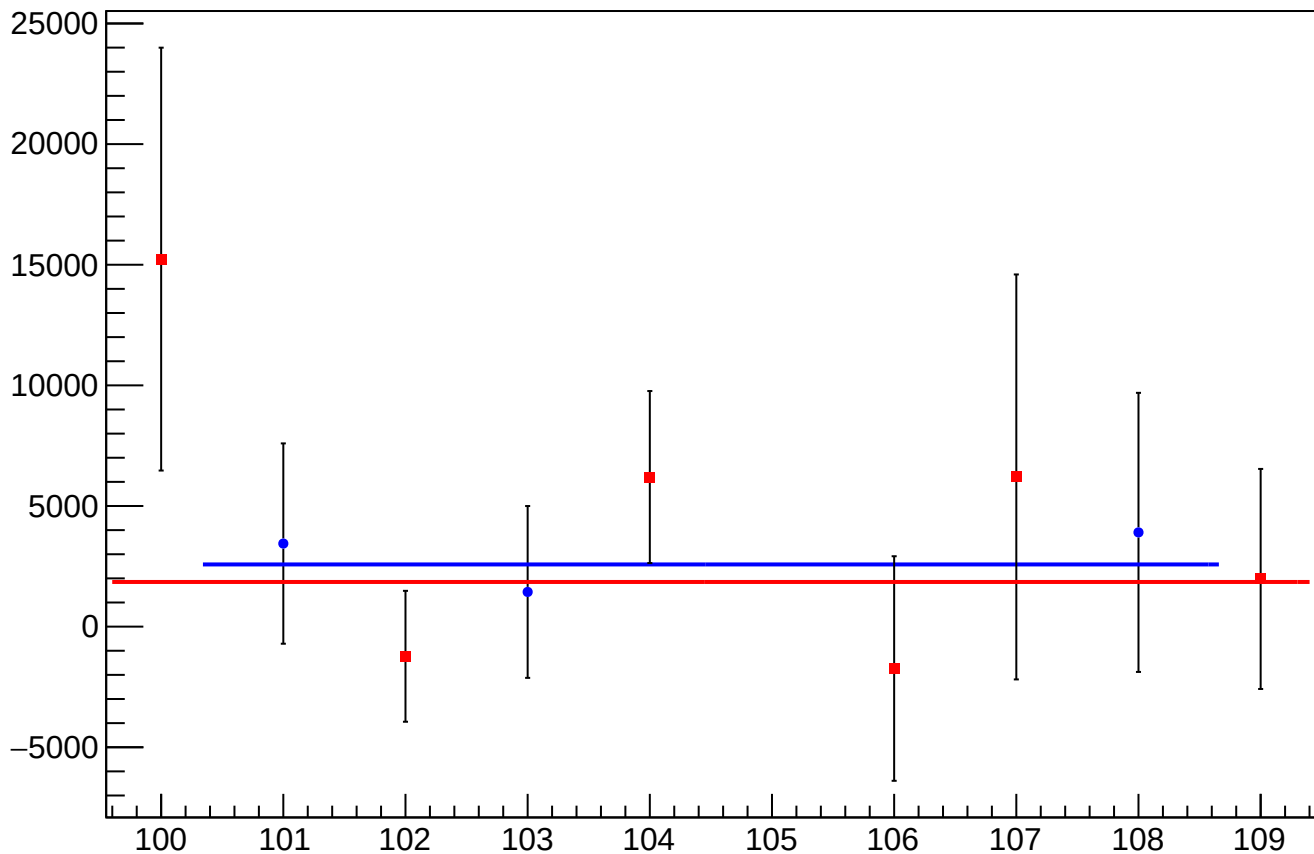
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1788.671+/-0.688 χ^2/NDF : 759841.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



Right In: 2577.594 $\pm$ 2448.906 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1851.116 $\pm$ 1725.108 χ^2 /NDF: 6.0/5

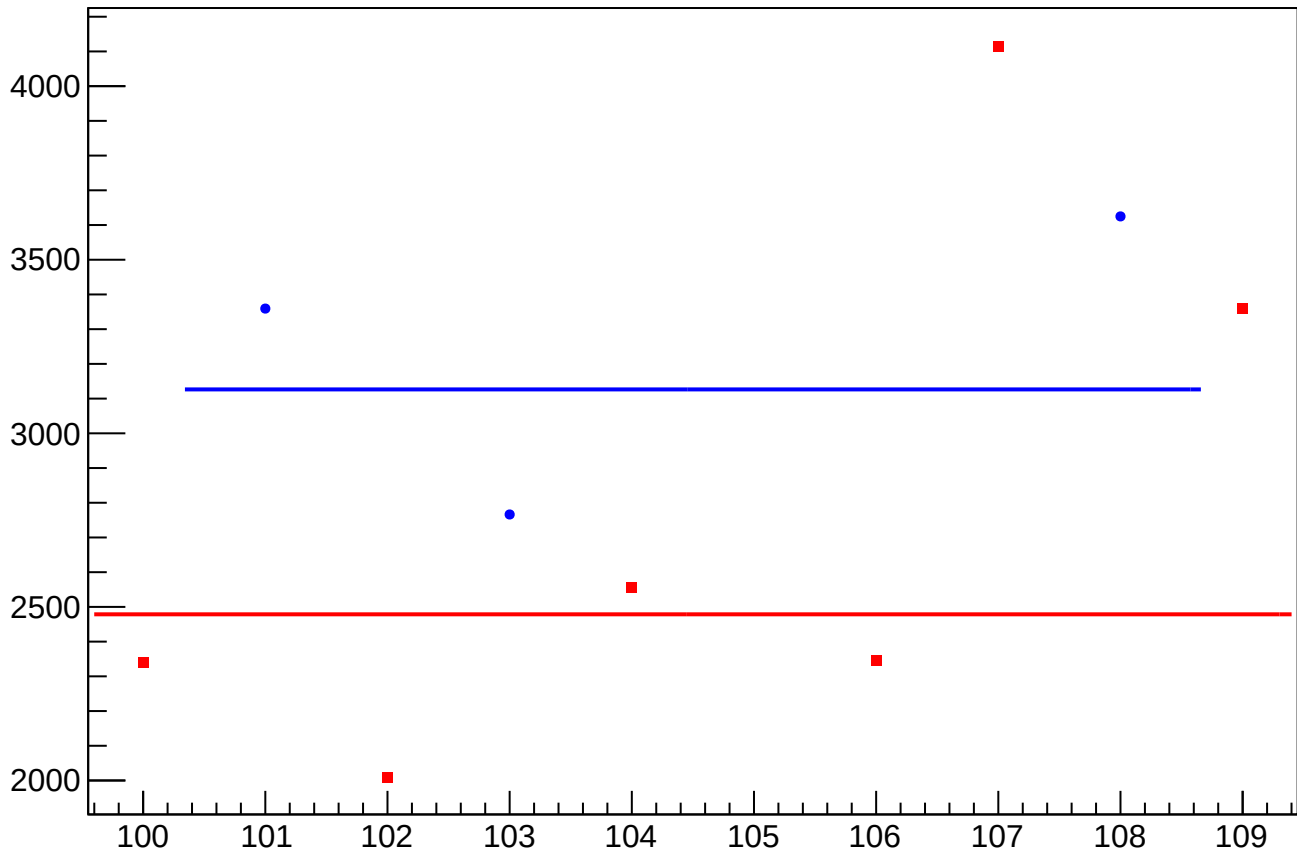
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2092.057 $\pm$ 1410.315 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 3126.476+/-1.732 χ^2/NDF : 41599.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2478.648+/-1.220 χ^2/NDF : 213116.4/5

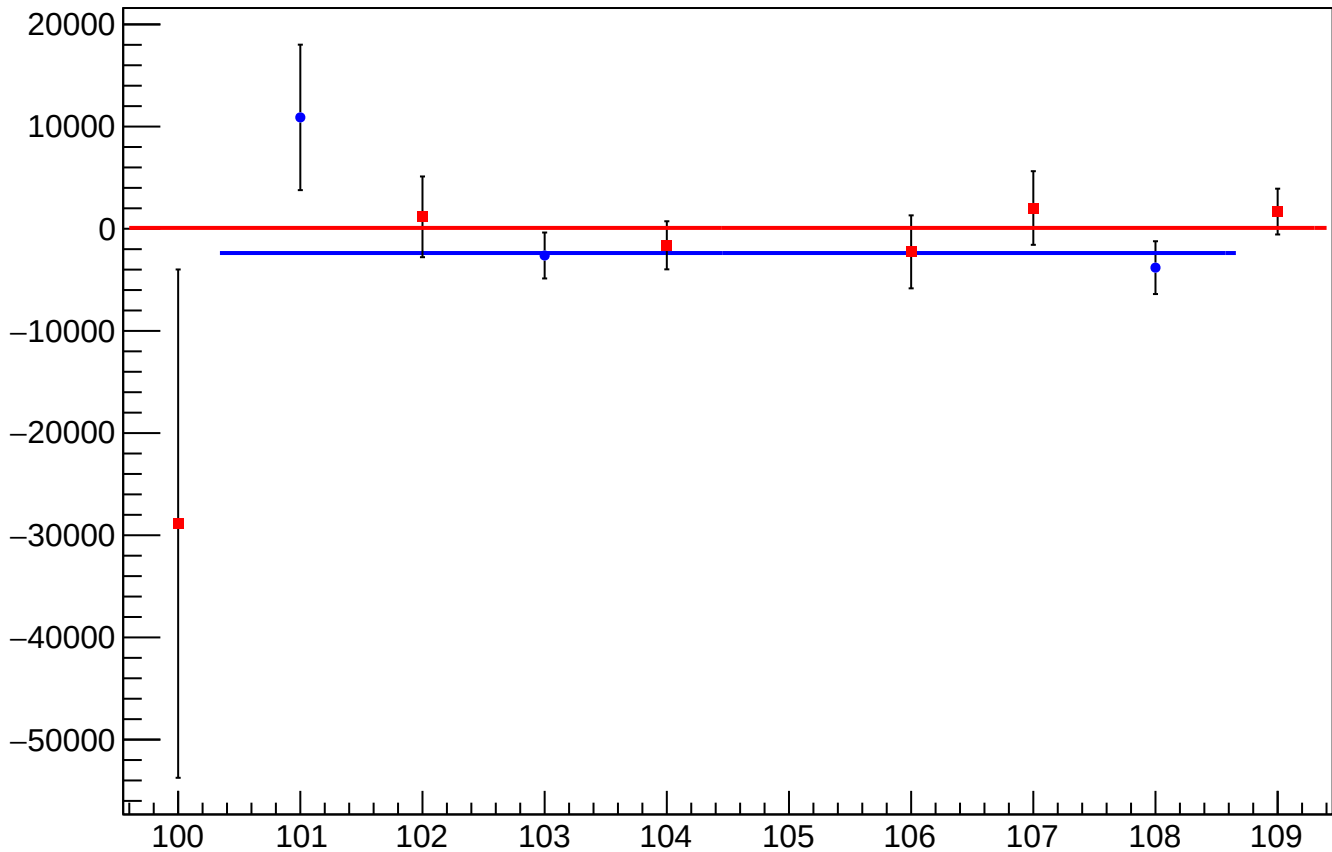
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2693.504+/-0.997 χ^2/NDF : 348257.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_mean vs Slug



Right In: -2376.855+/-1649.823 χ^2 /NDF: 3.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 81.000+/-1290.178 χ^2 /NDF: 3.2/5

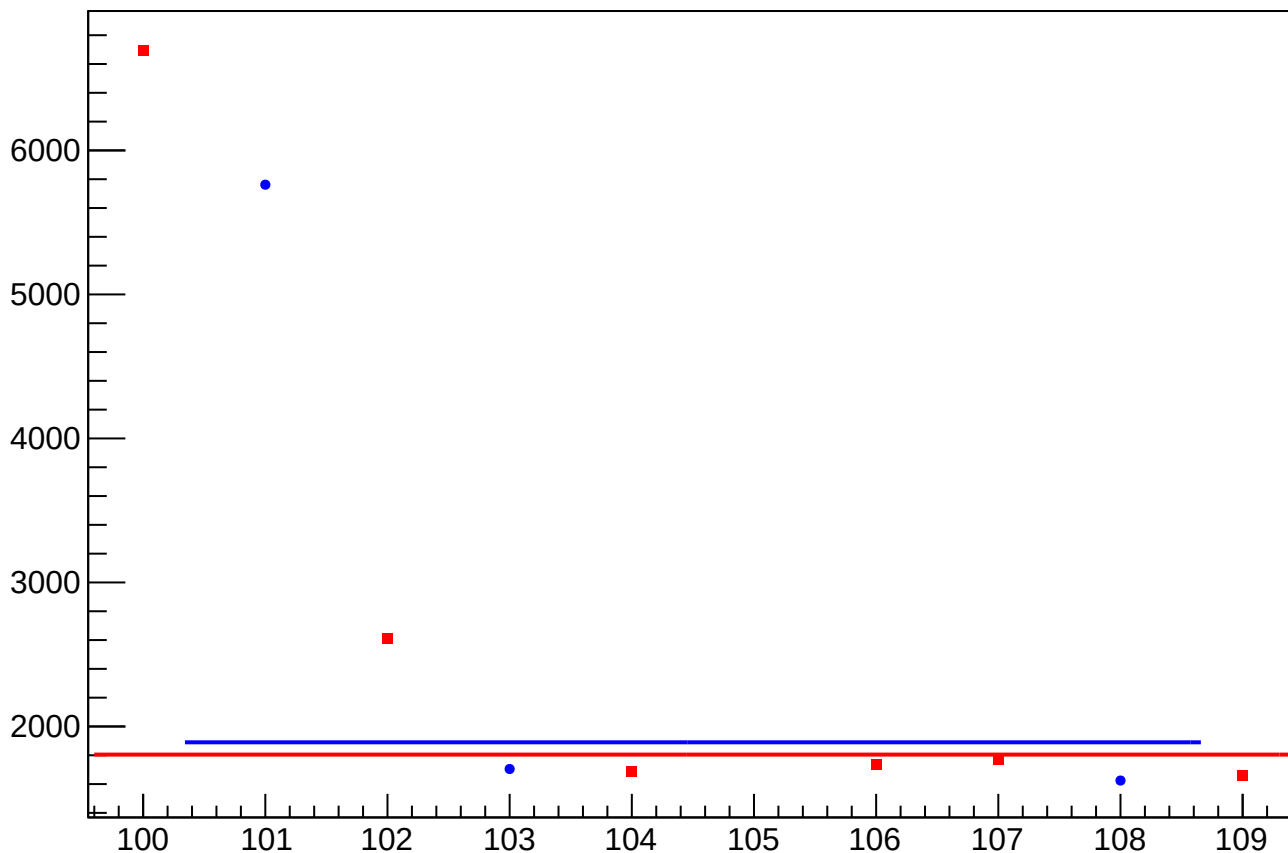
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -851.695+/-1016.317 χ^2 /NDF: 8.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1890.037 $\pm$ 1.167 χ^2 /NDF: 626421.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1804.724 $\pm$ 0.902 χ^2 /NDF: 175812.5/5

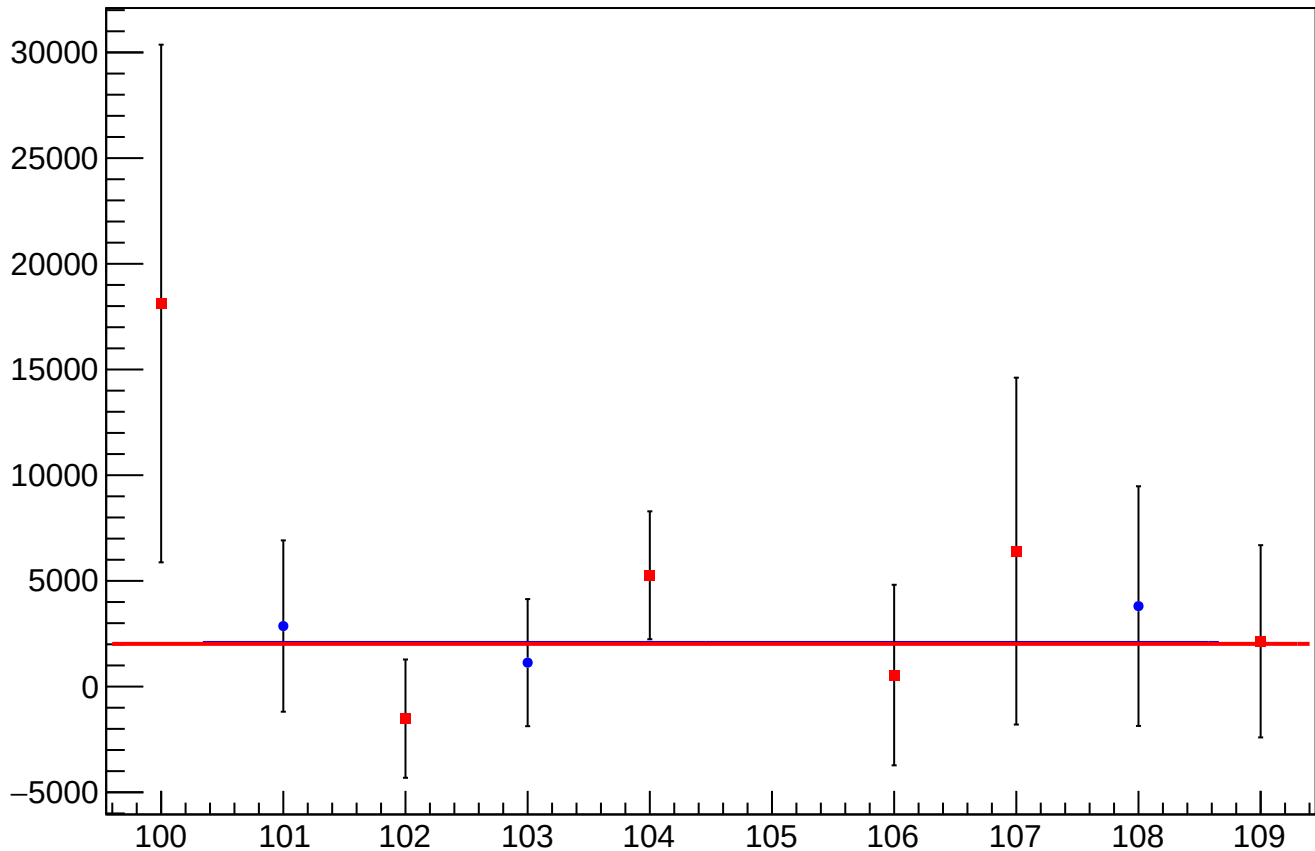
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1836.652 $\pm$ 0.714 χ^2 /NDF: 805580.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 2063.841 $\pm$ 2221.374 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2021.162 $\pm$ 1662.876 χ^2 /NDF: 4.9/5

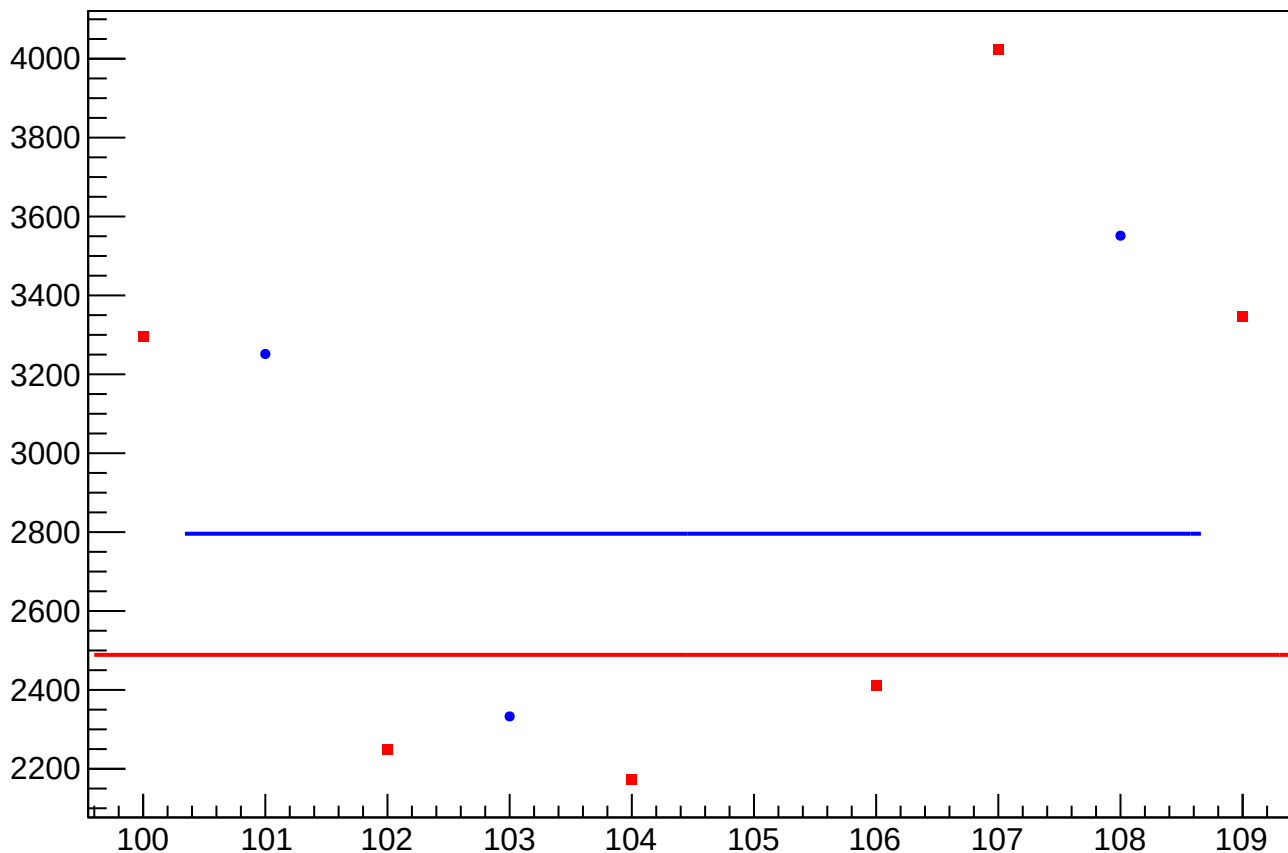
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2036.489 $\pm$ 1331.208 χ^2 /NDF: 5.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 2795.925+/-1.571 χ^2/NDF : 108252.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2488.926+/-1.176 χ^2/NDF : 187195.3/5

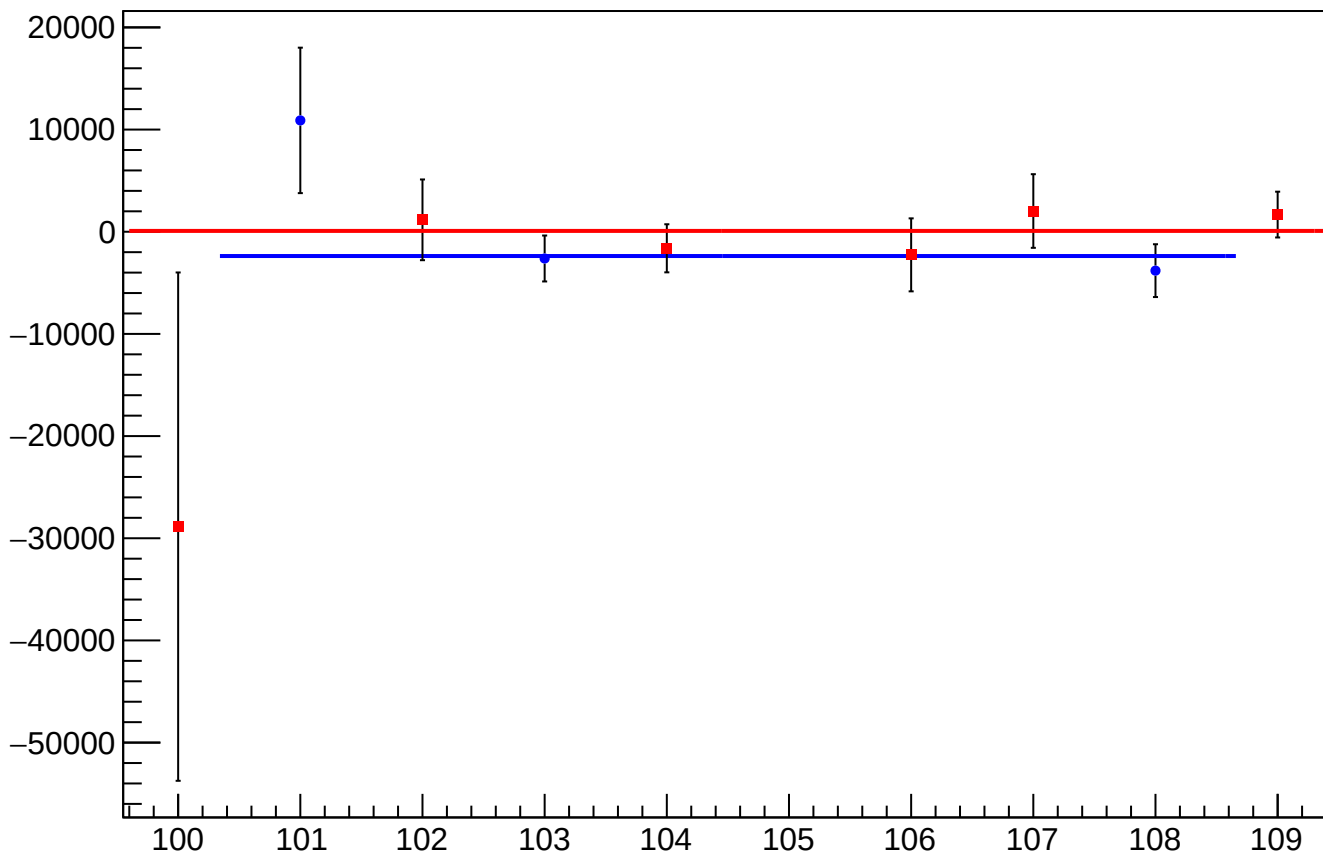
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2599.178+/-0.941 χ^2/NDF : 319929.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_mean vs Slug



Right In: -2376.862 $\pm$ 1649.824 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.005 $\pm$ 1290.178 χ^2 /NDF: 3.2/5

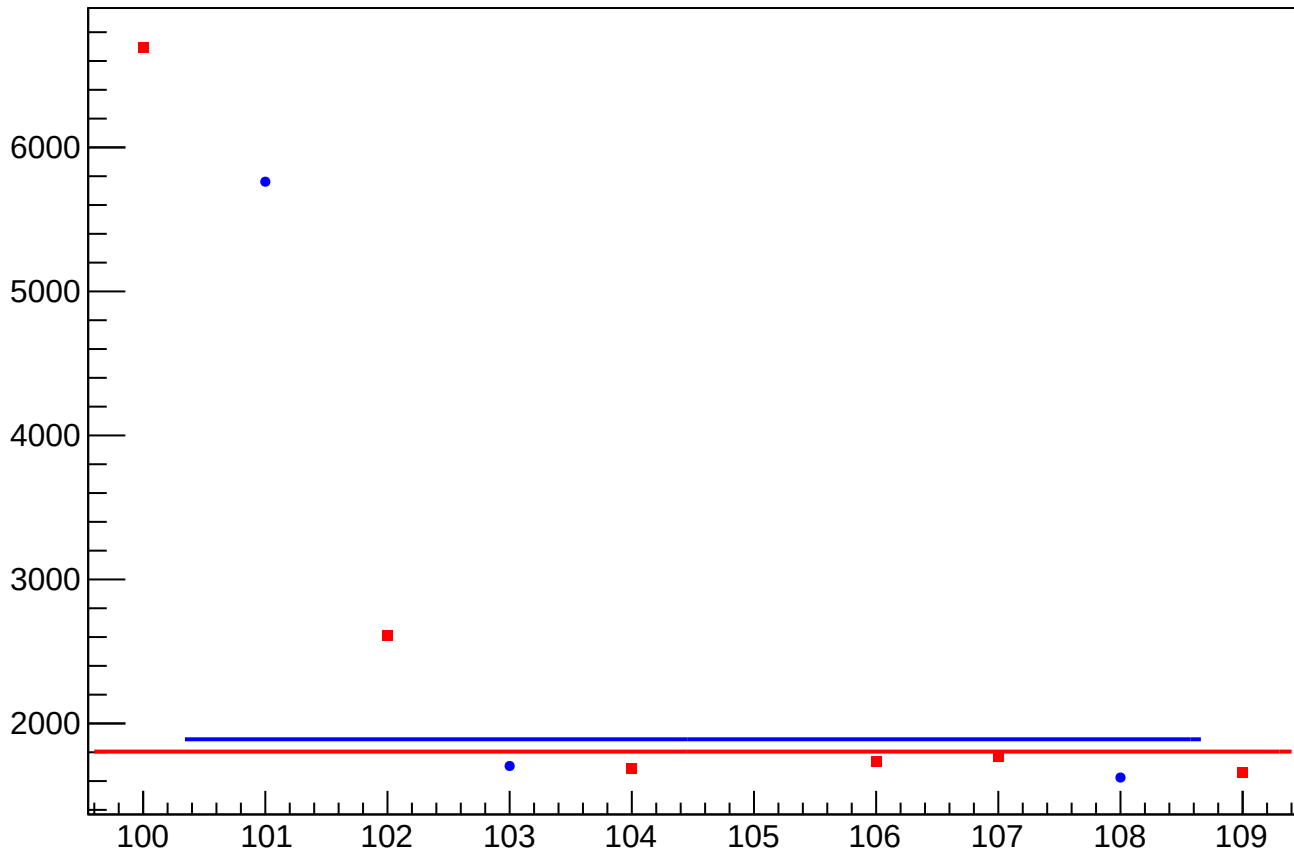
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -851.694 $\pm$ 1016.317 χ^2 /NDF: 8.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1890.038+/-1.167 χ^2/NDF : 626421.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1804.723+/-0.902 χ^2/NDF : 175812.5/5

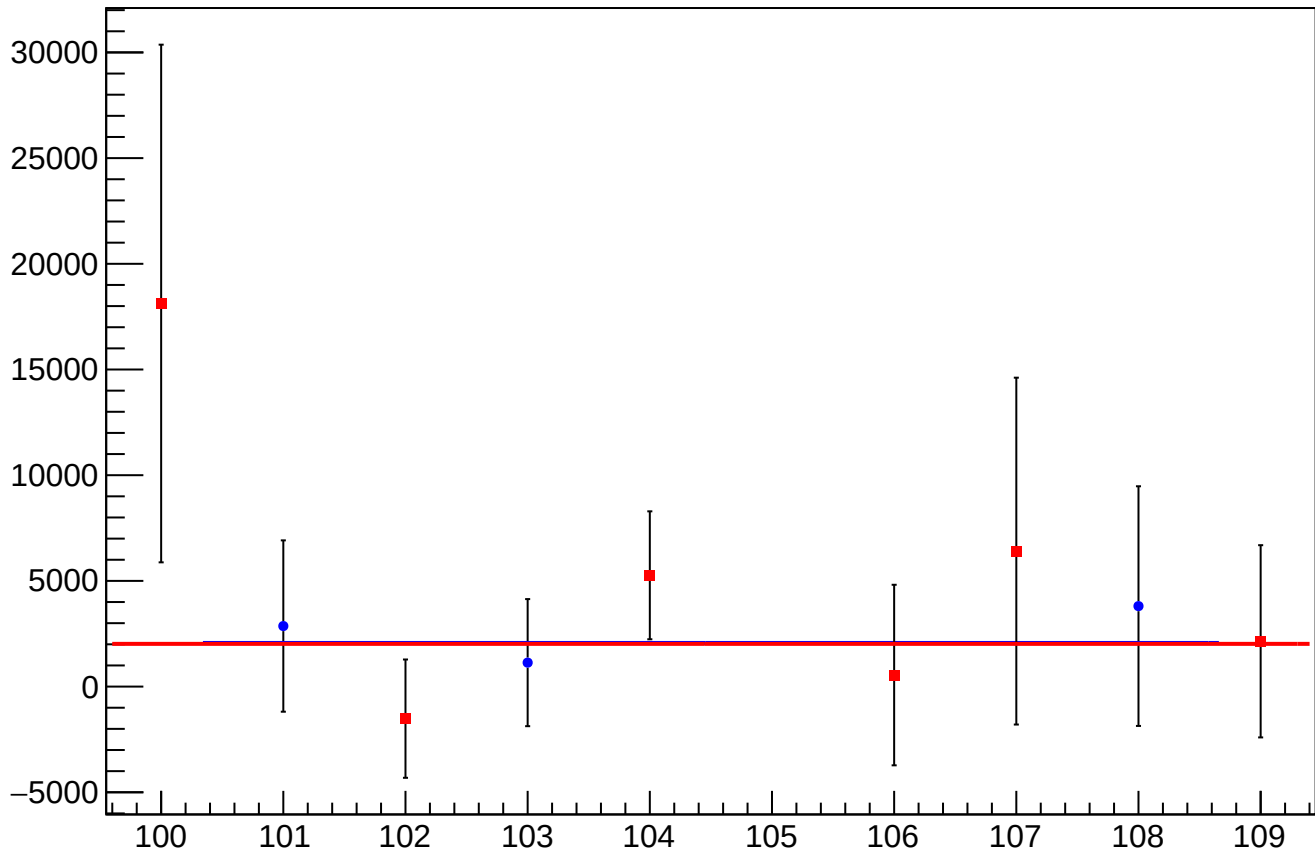
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.652+/-0.714 χ^2/NDF : 805580.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug



Right In: 2063.842 $\pm$ 2221.373 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2021.165 $\pm$ 1662.876 χ^2 /NDF: 4.9/5

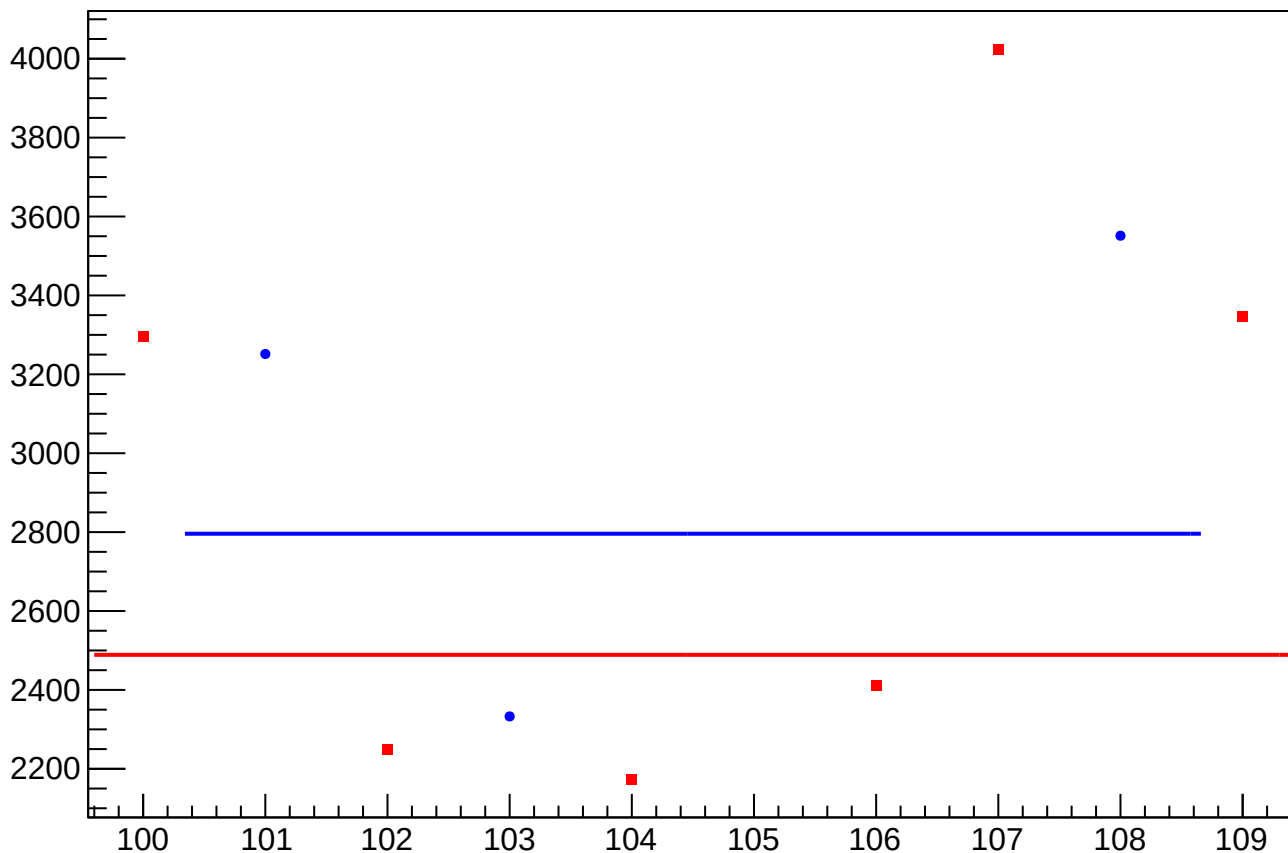
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2036.492 $\pm$ 1331.207 χ^2 /NDF: 5.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2795.924+/-1.571 χ^2 /NDF: 108251.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

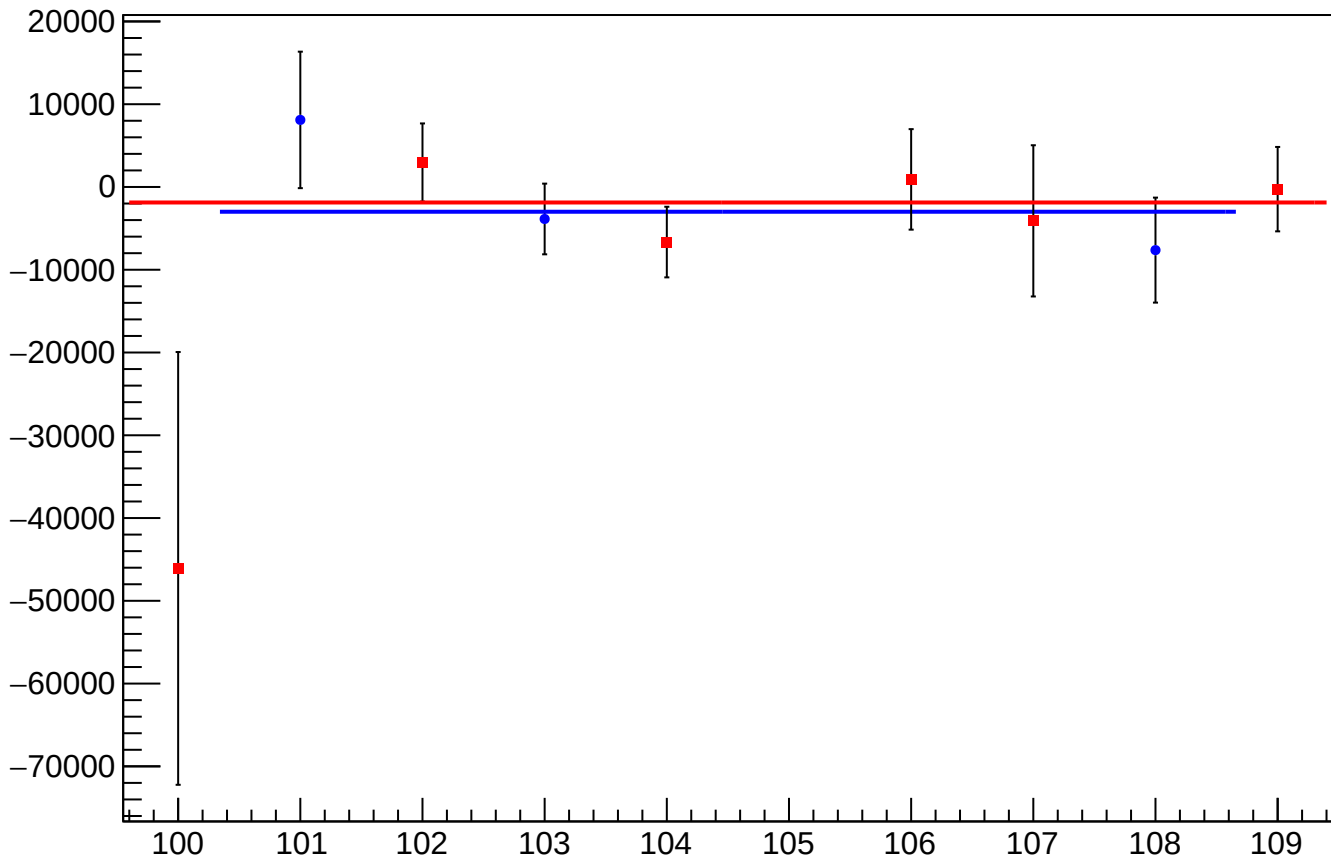
Right Out: 2488.927+/-1.176 χ^2 /NDF: 187193.1/5

All: 2599.178+/-0.941 χ^2 /NDF: 319925.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_mean vs Slug



Right In: -2991.917+/-3254.779 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1874.142+/-2364.905 χ^2/NDF : 5.5/5

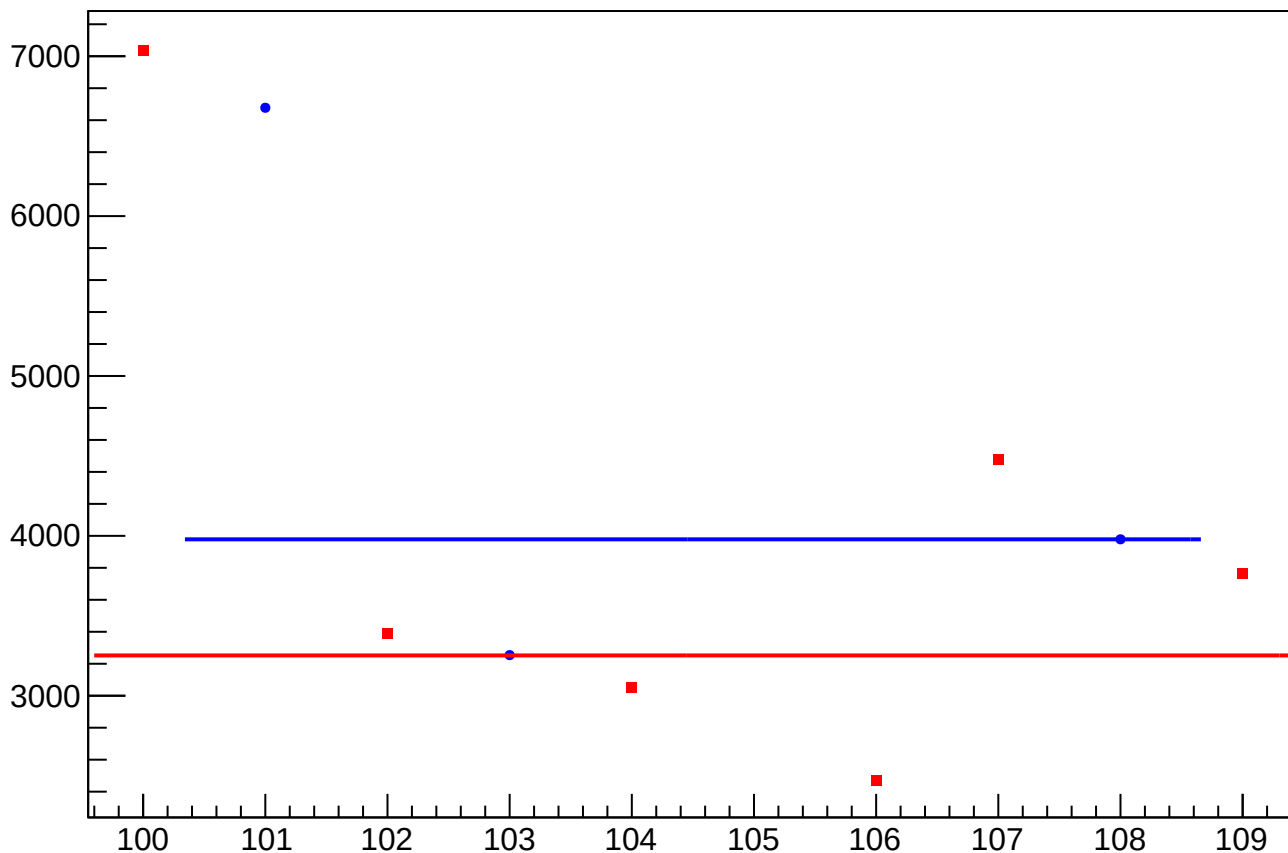
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2260.360+/-1913.201 χ^2/NDF : 8.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3978.277 $\pm$ 2.301 χ^2 /NDF: 271898.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3252.029 $\pm$ 1.596 χ^2 /NDF: 158512.1/5

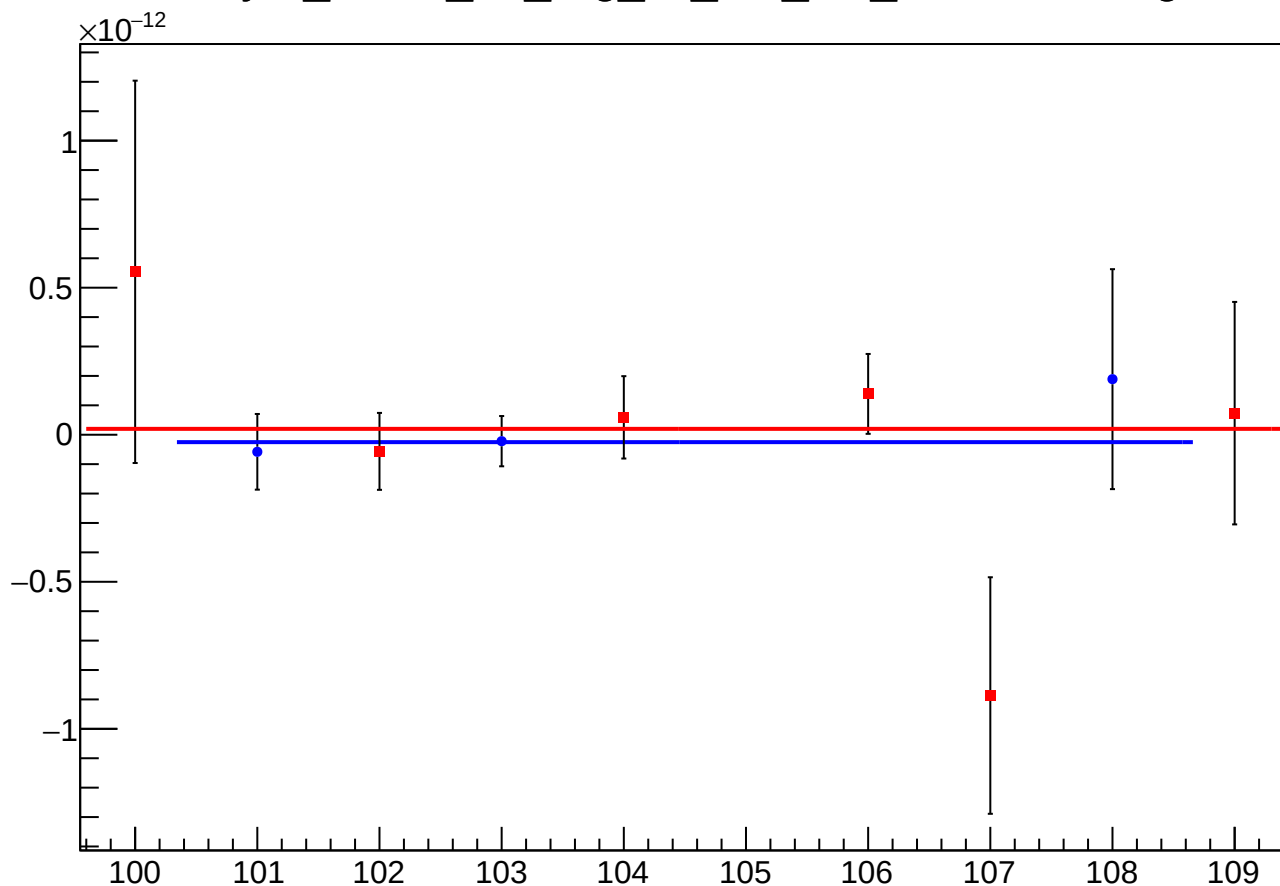
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3487.865 $\pm$ 1.311 χ^2 /NDF: 497653.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.0/5

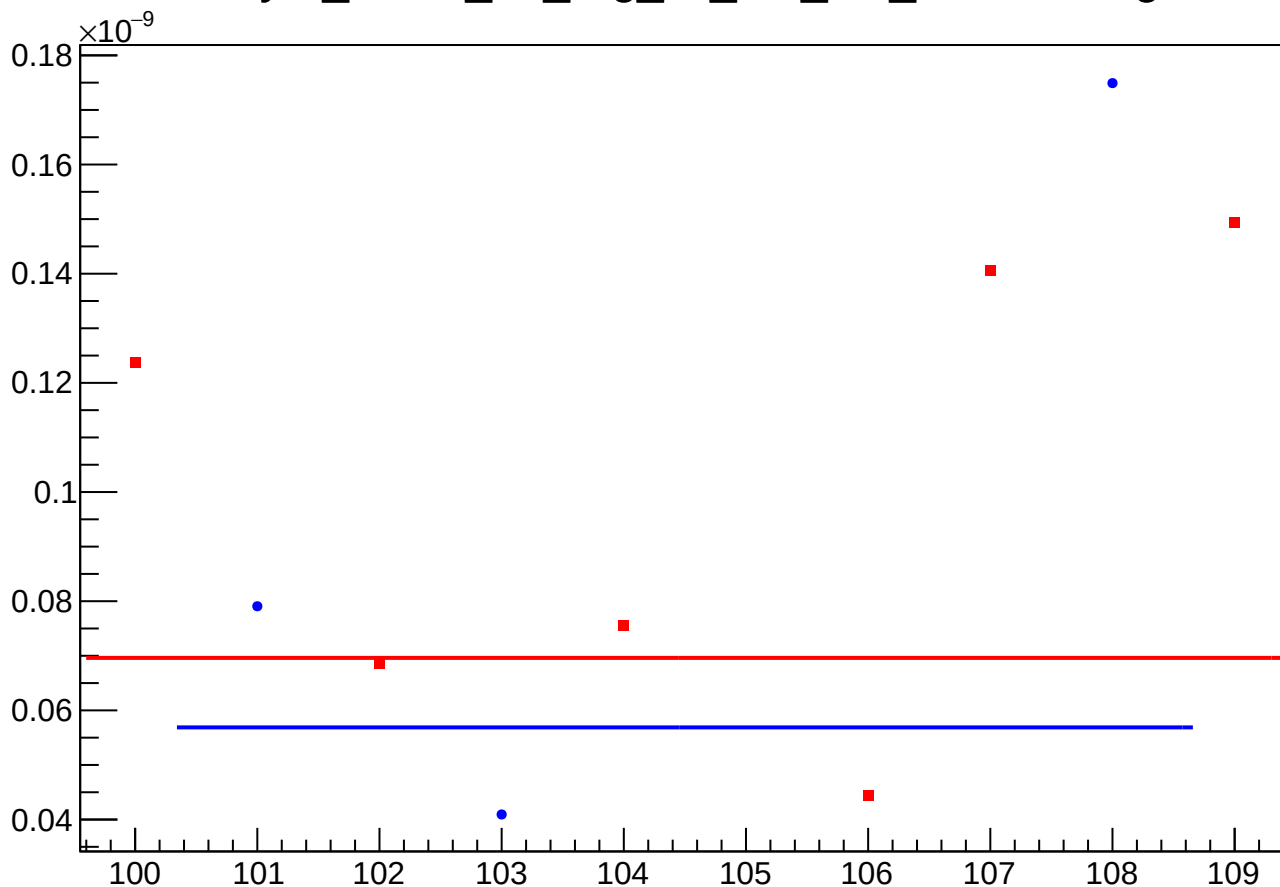
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 328464.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 237448.6/5

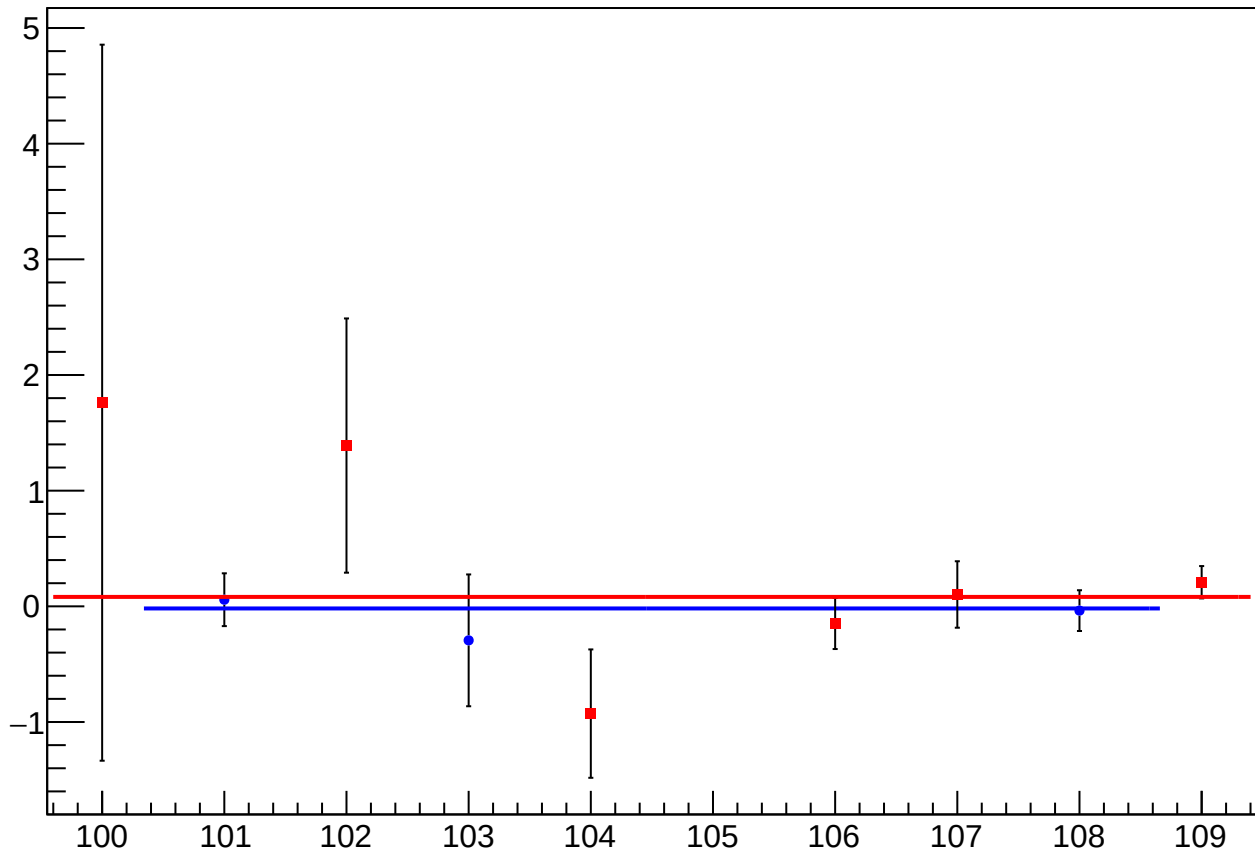
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 596891.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.135 $\chi^2/\text{NDF}: 0.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.082 ± 0.107 $\chi^2/\text{NDF}: 6.9/5$

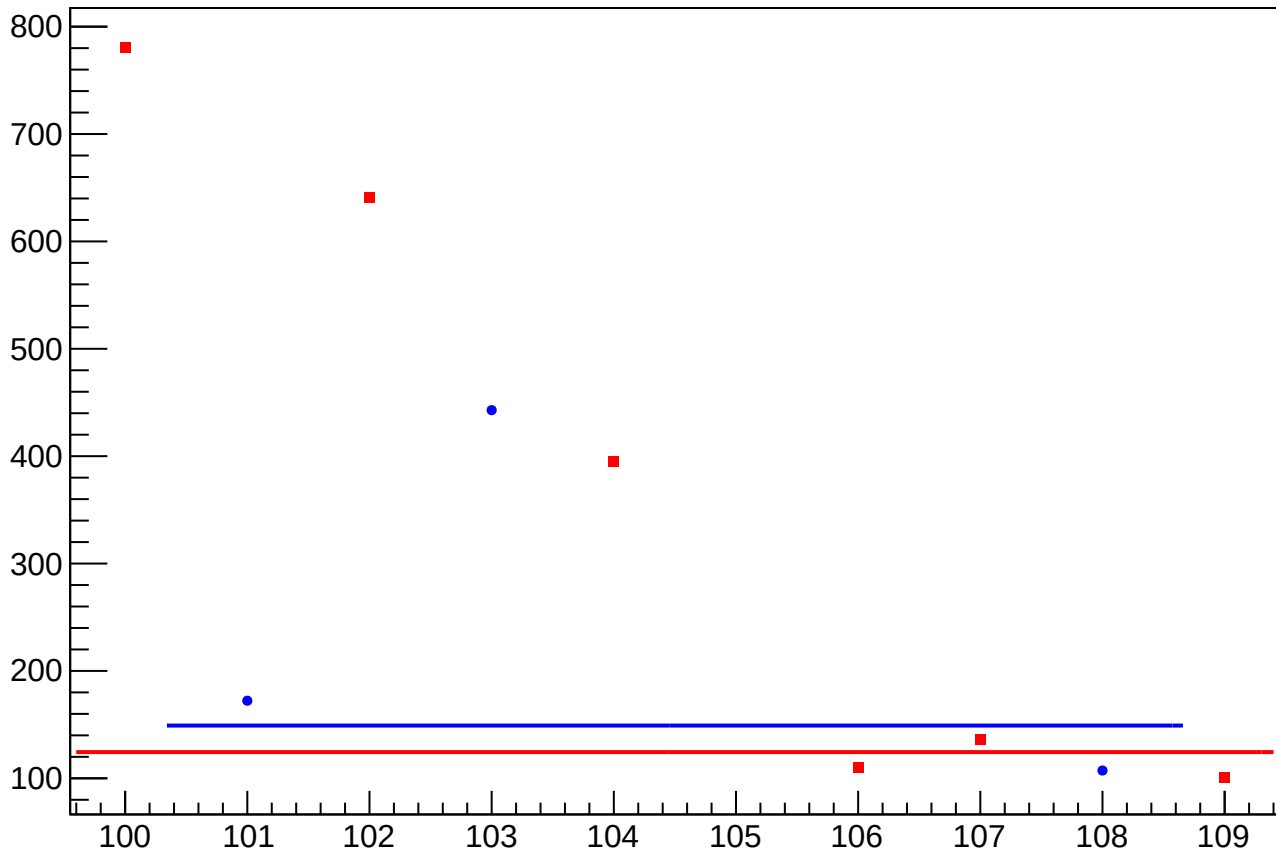
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.043 ± 0.084 $\chi^2/\text{NDF}: 7.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 149.127+/-0.096 χ^2/NDF : 664996.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.423+/-0.075 χ^2/NDF : 1077806.2/5

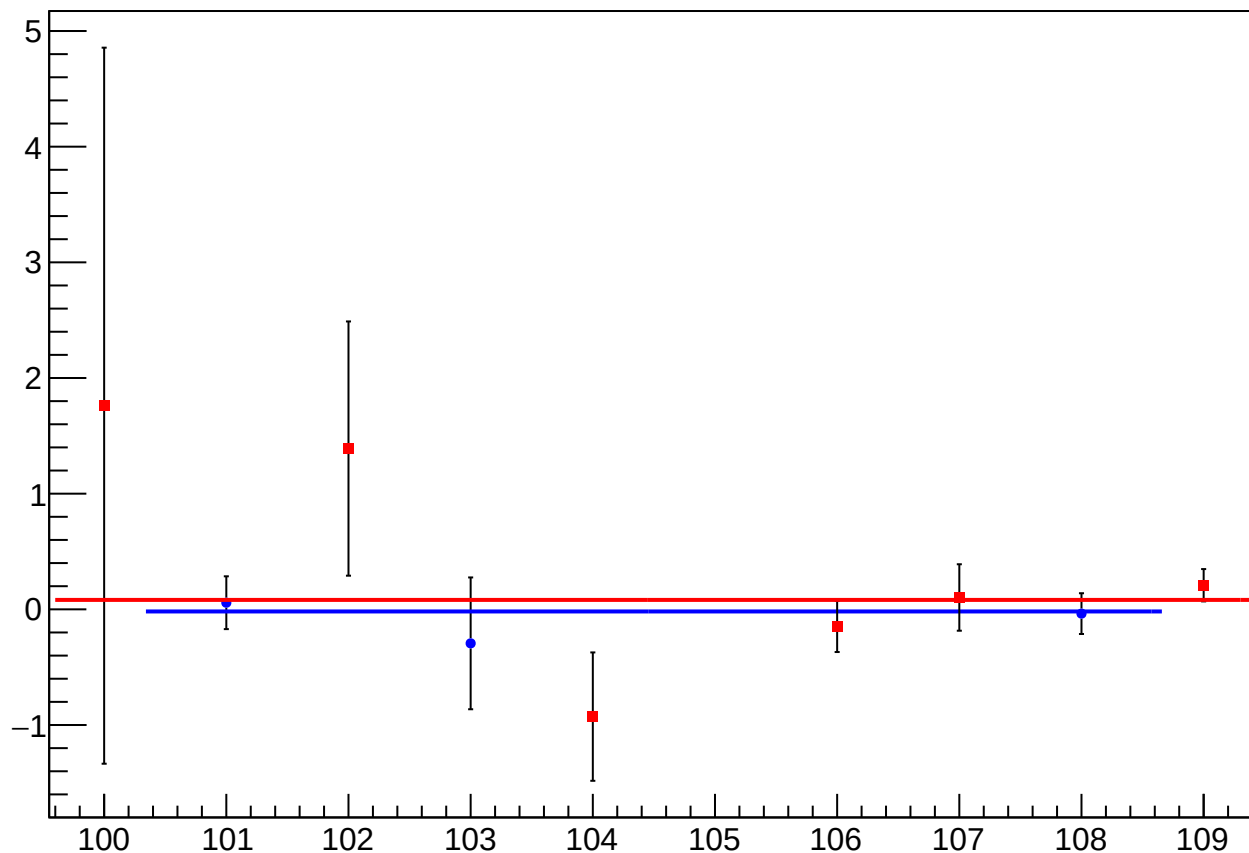
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.869+/-0.059 χ^2/NDF : 1783880.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.082 ± 0.107 χ^2/NDF : 6.9/5

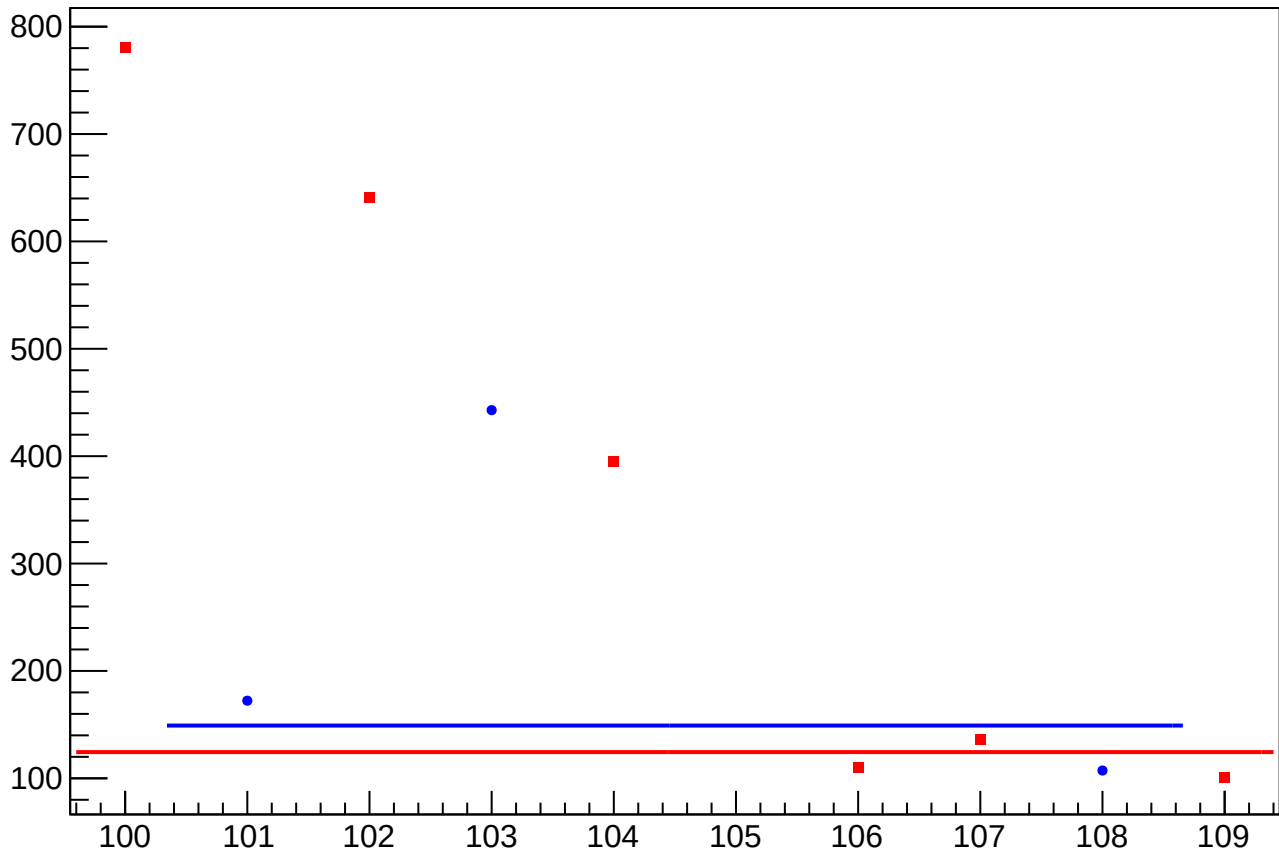
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.043 ± 0.084 χ^2/NDF : 7.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 149.127+/-0.096 χ^2/NDF : 664996.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.423+/-0.075 χ^2/NDF : 1077806.2/5

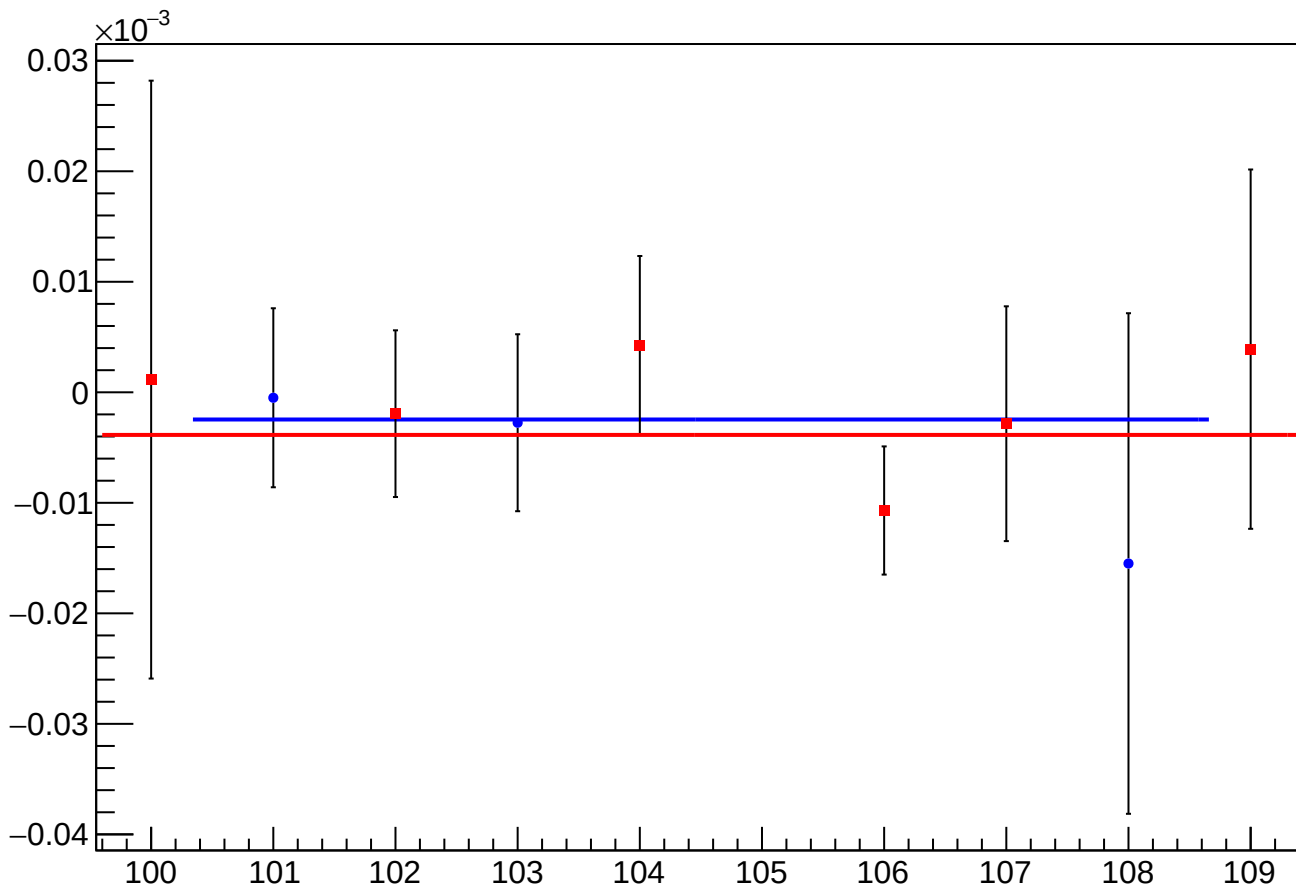
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.869+/-0.059 χ^2/NDF : 1783880.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/5

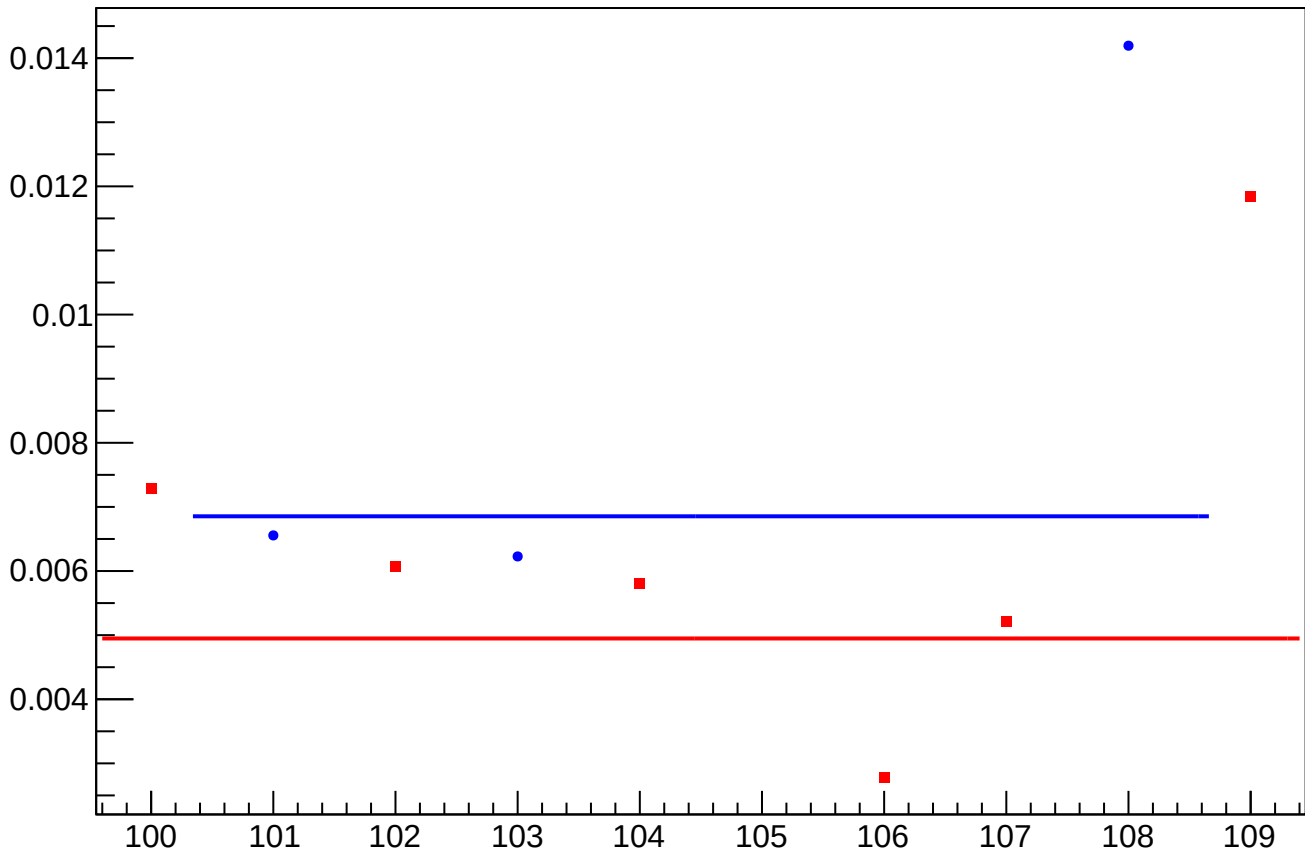
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 225046.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 722987.5/5

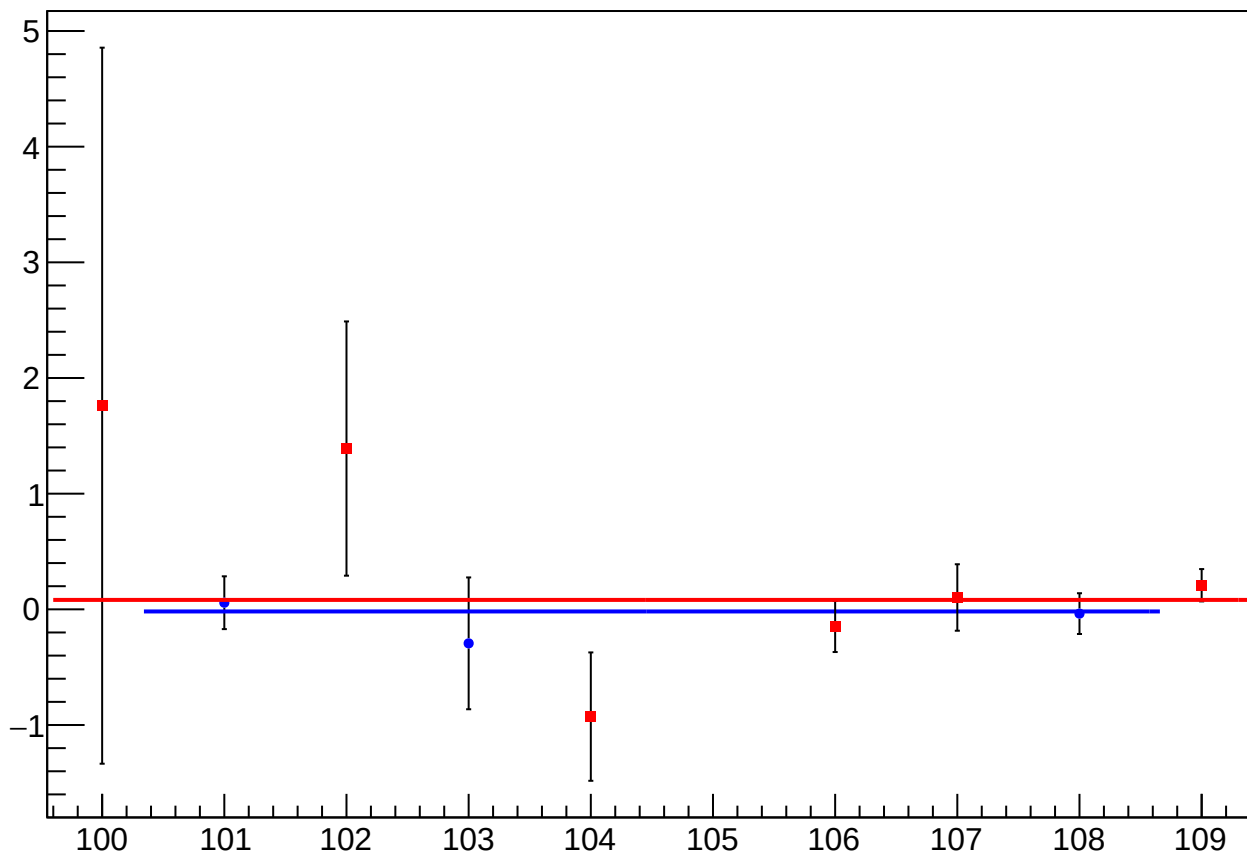
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1114885.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.135 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.081 ± 0.107 χ^2/NDF : 6.9/5

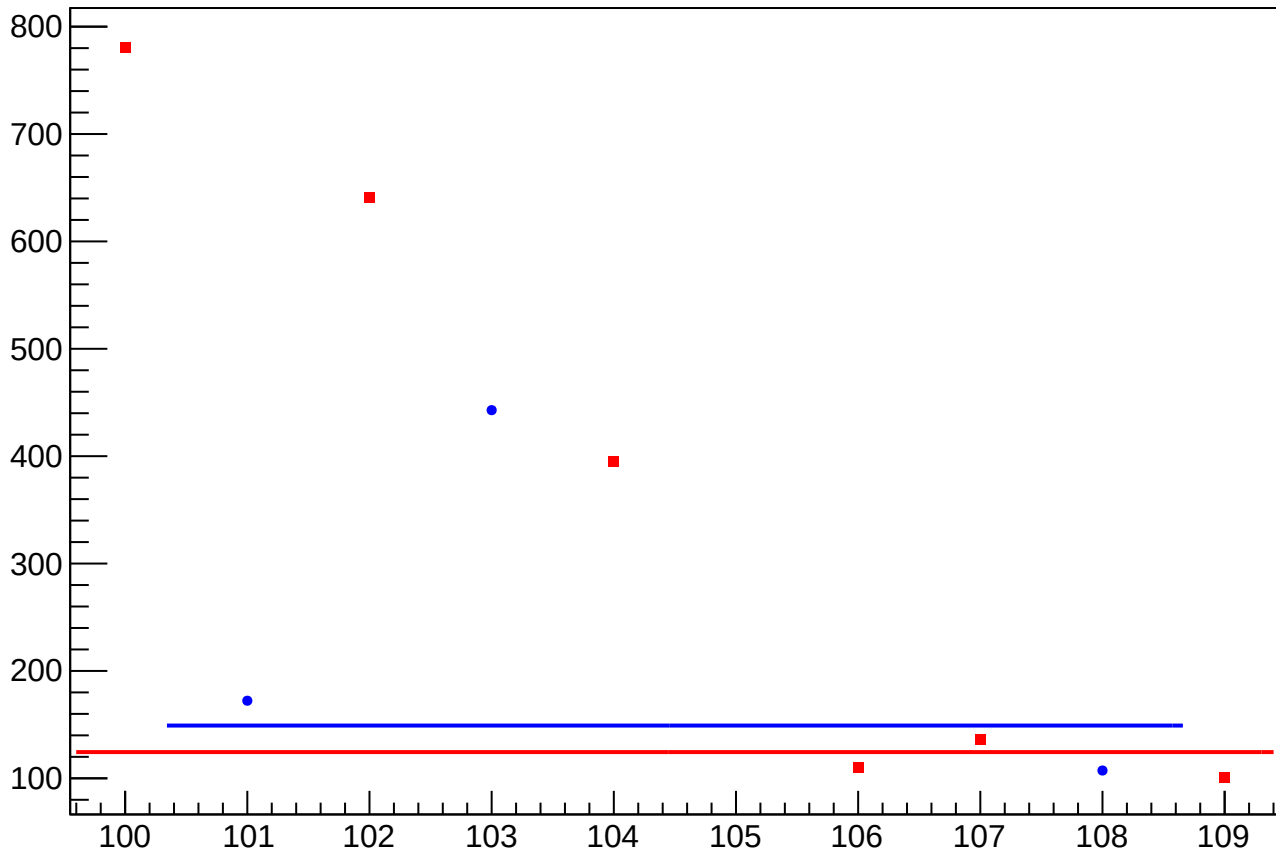
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.043 ± 0.084 χ^2/NDF : 7.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 149.135+/-0.096 χ^2/NDF : 664925.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.425+/-0.075 χ^2/NDF : 1077788.2/5

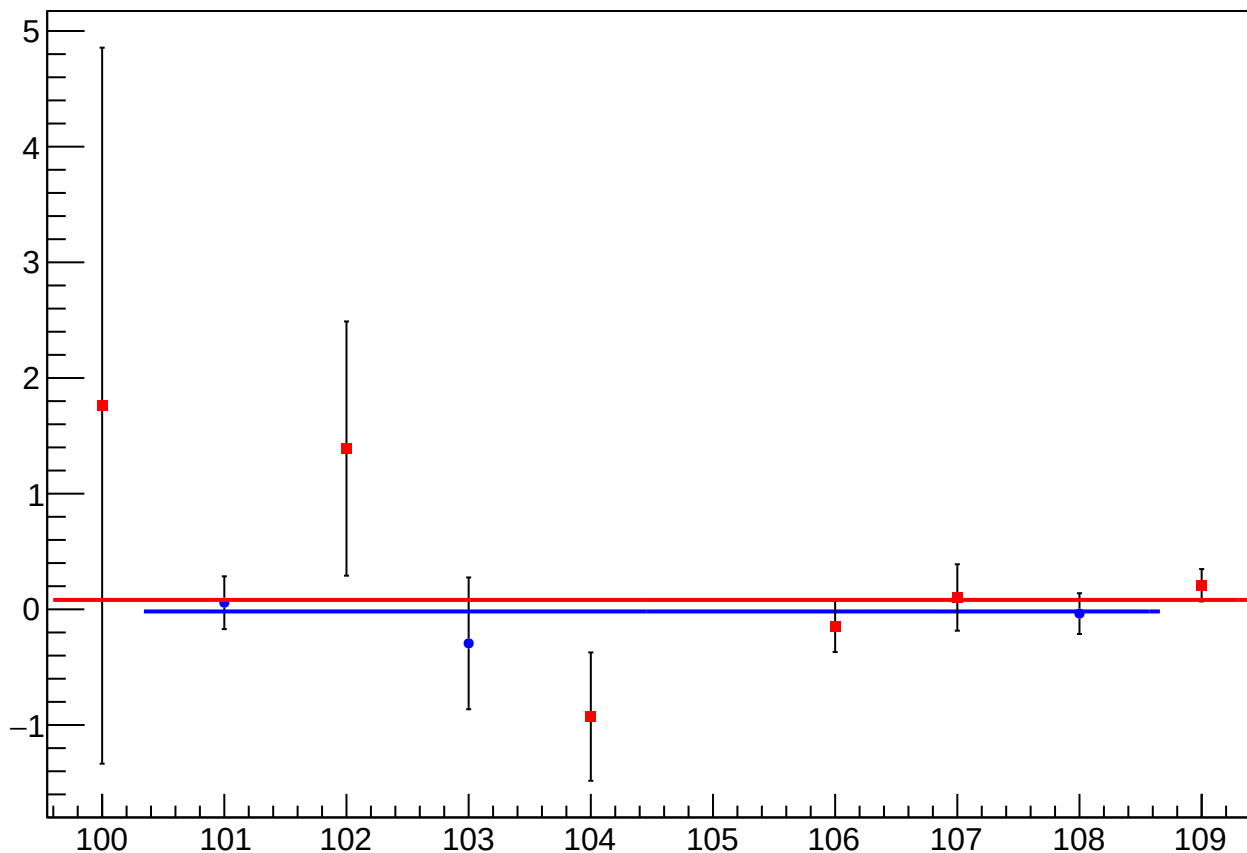
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.874+/-0.059 χ^2/NDF : 1783806.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.135 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.081 $\pm$ 0.107 χ^2 /NDF: 6.9/5

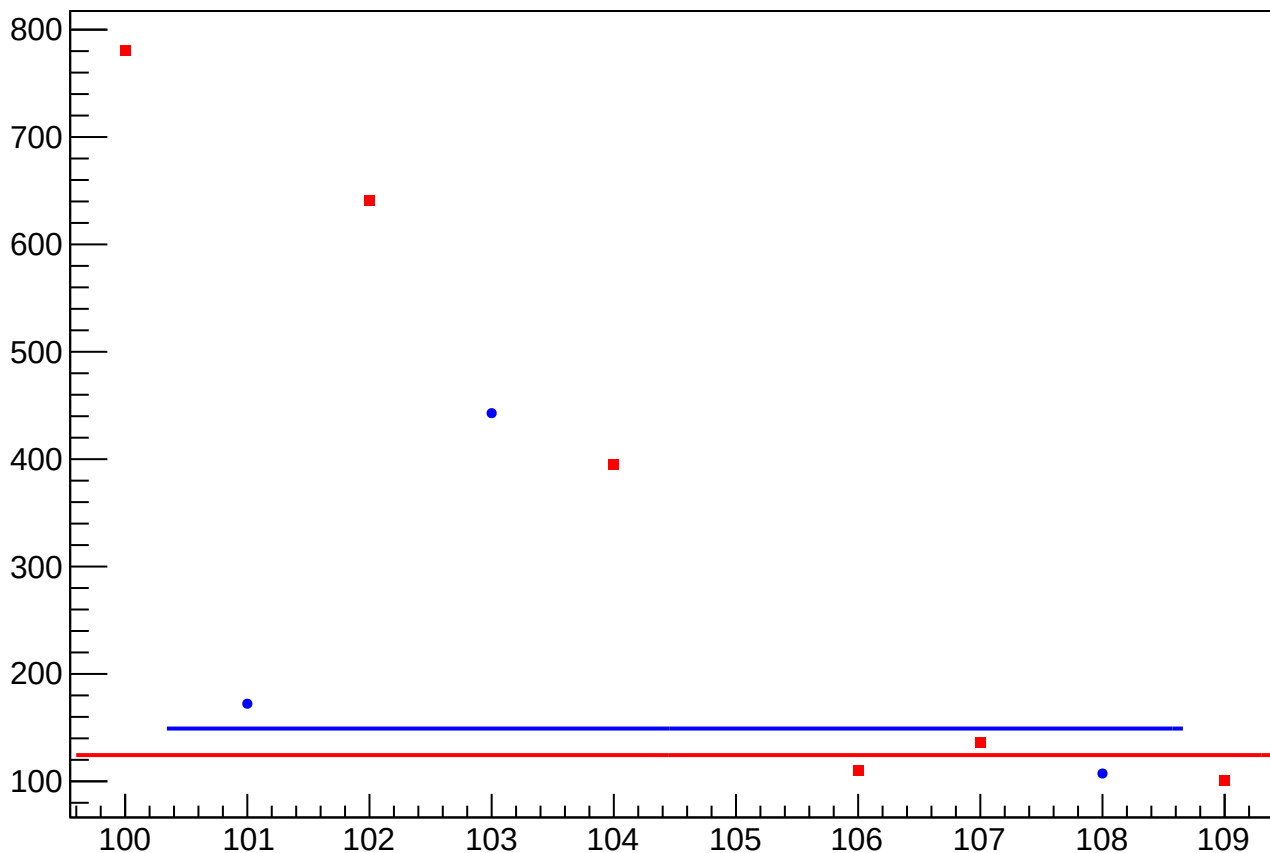
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.084 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 149.135+/-0.096 χ^2/NDF : 664925.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.425+/-0.075 χ^2/NDF : 1077788.2/5

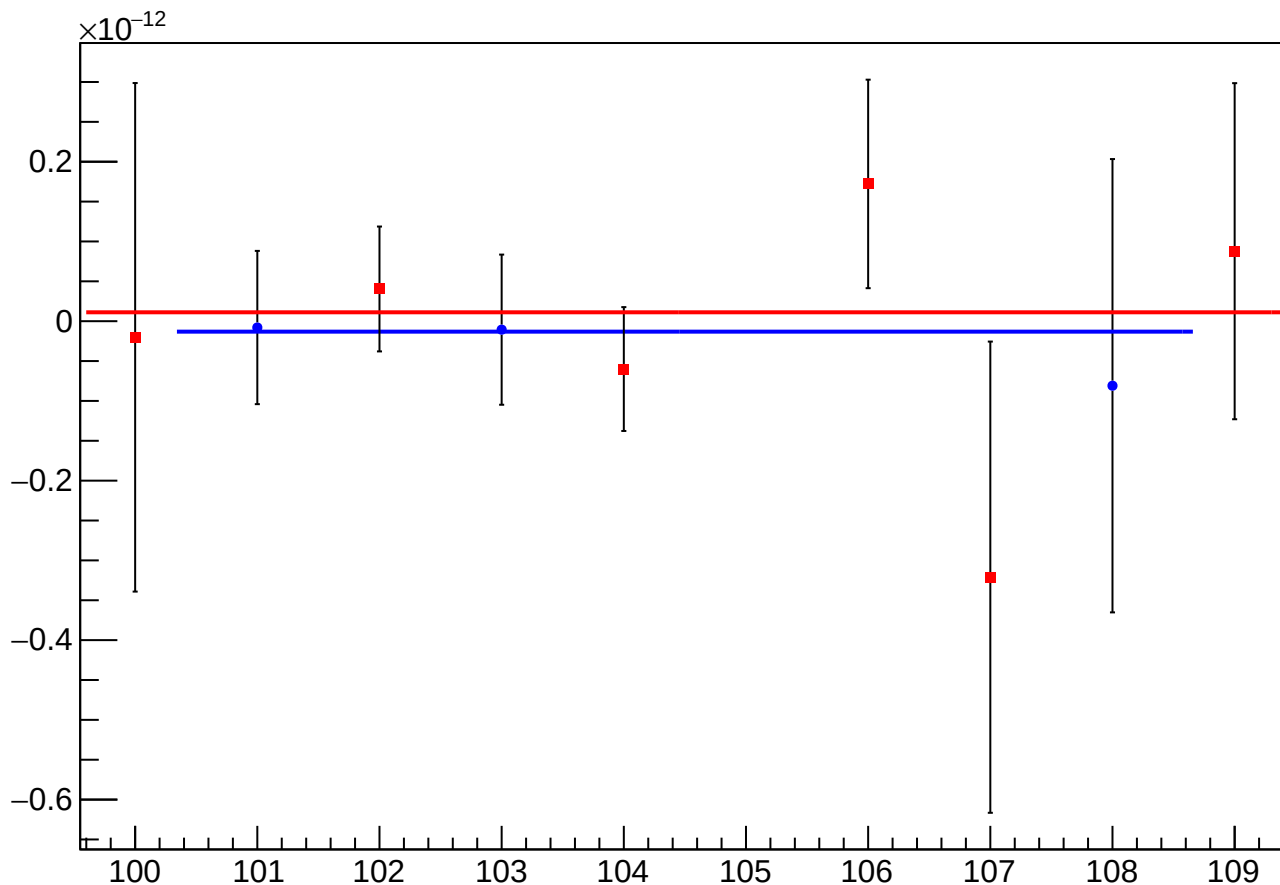
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.874+/-0.059 χ^2/NDF : 1783806.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/5

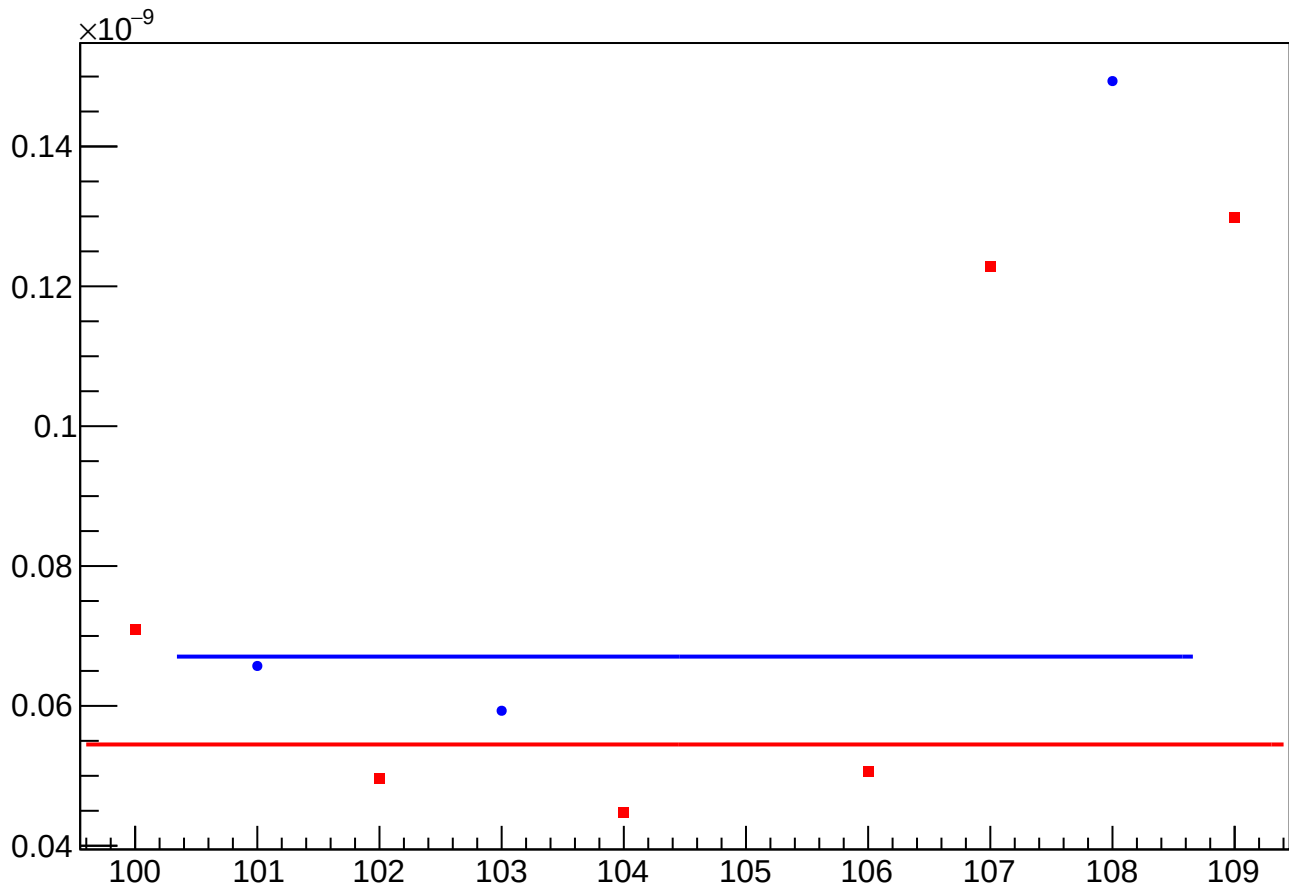
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 181557.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 409115.6/5

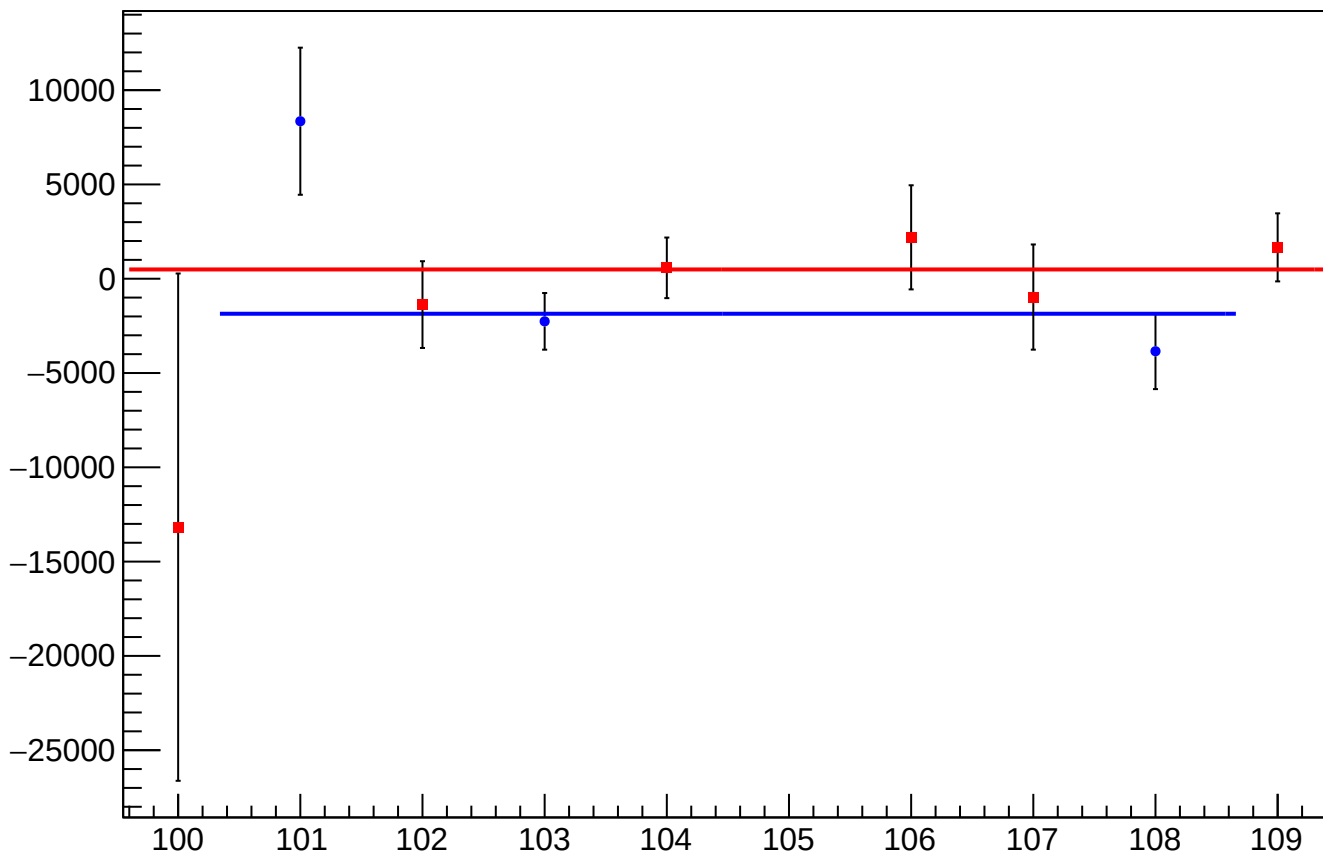
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 638500.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.911+/-932.955 χ^2/NDF : 2.8/5

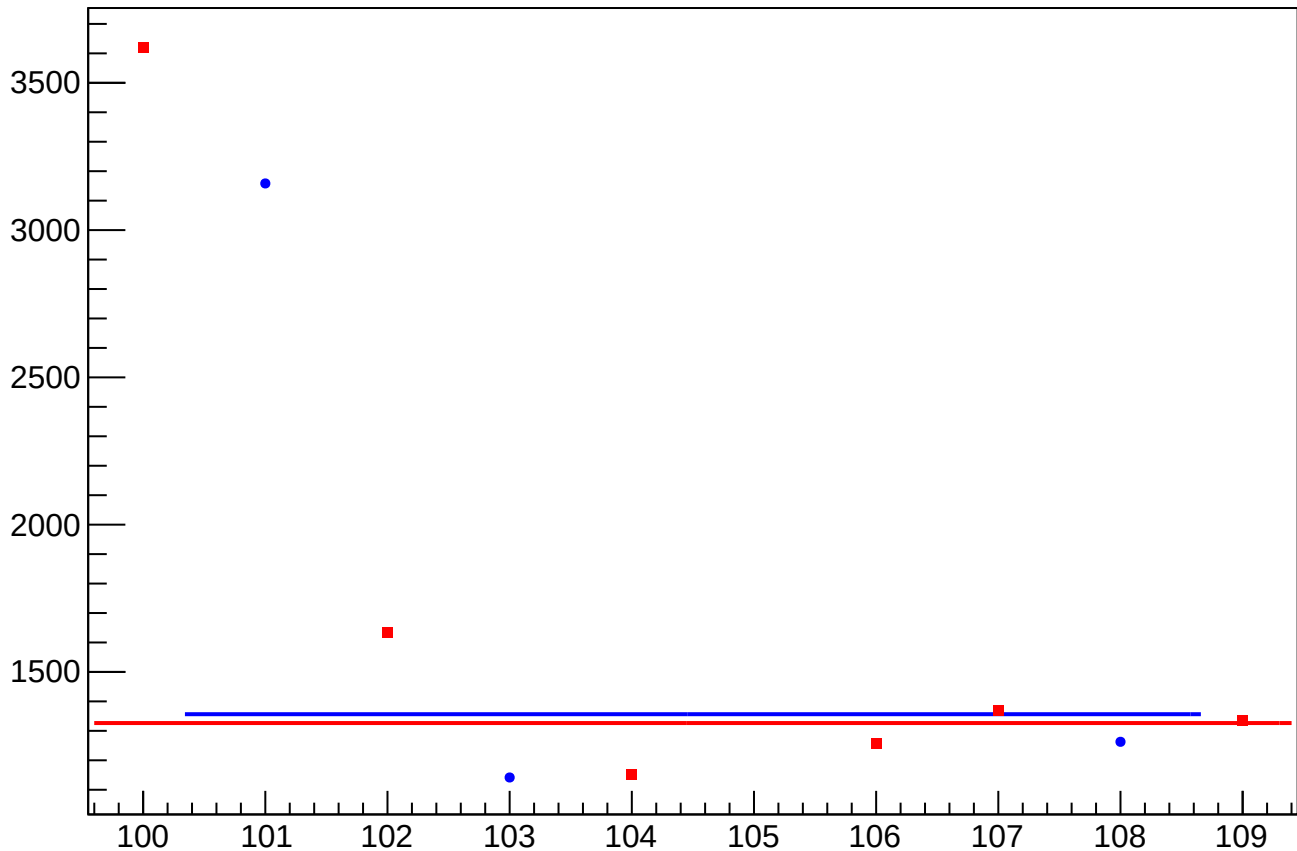
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -440.957+/-724.392 χ^2/NDF : 13.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1356.507 $\pm$ 0.813 χ^2 /NDF: 472191.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1326.472 $\pm$ 0.653 χ^2 /NDF: 119815.4/5

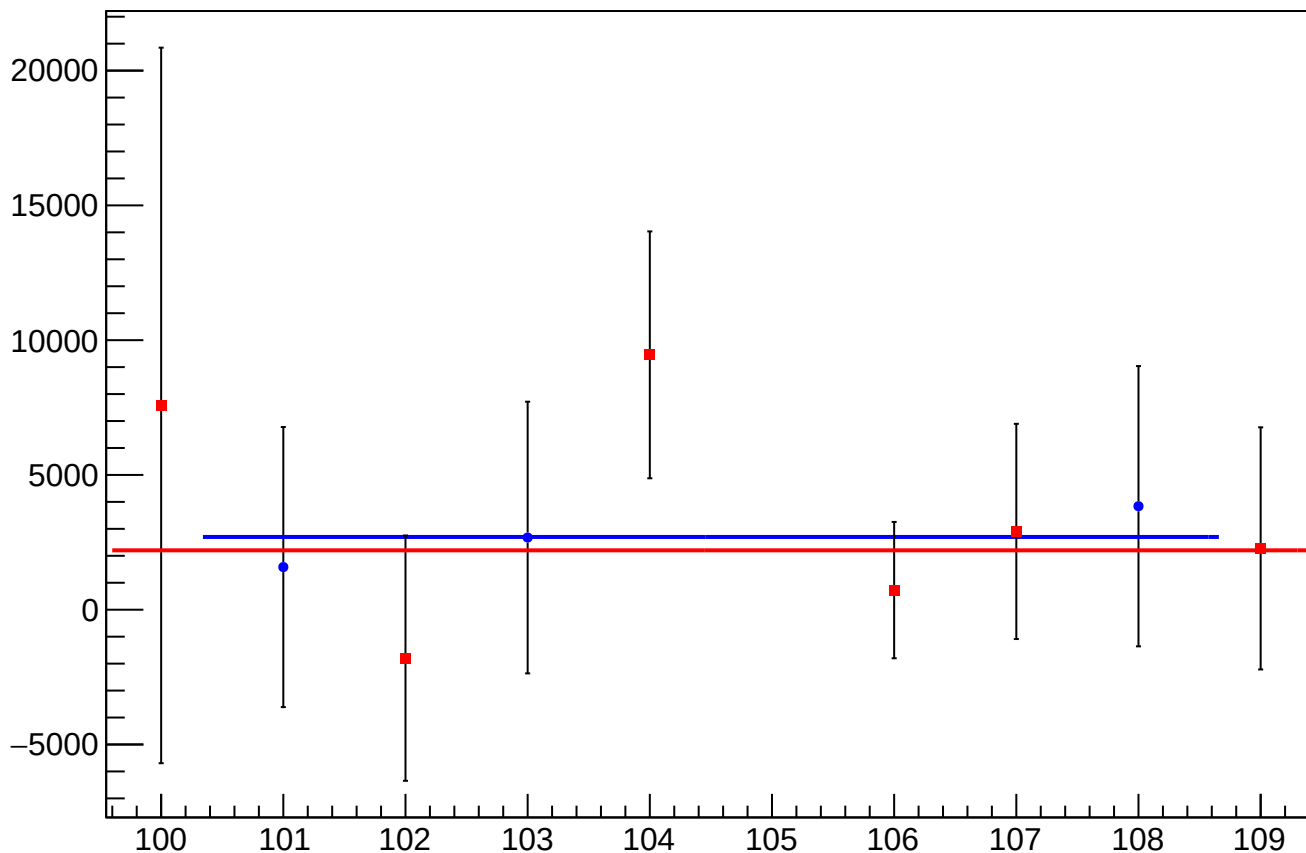
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1338.263 $\pm$ 0.509 χ^2 /NDF: 592836.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug



Right In: 2699.044+/-2969.420 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.111+/-1643.179 χ^2/NDF : 3.8/5

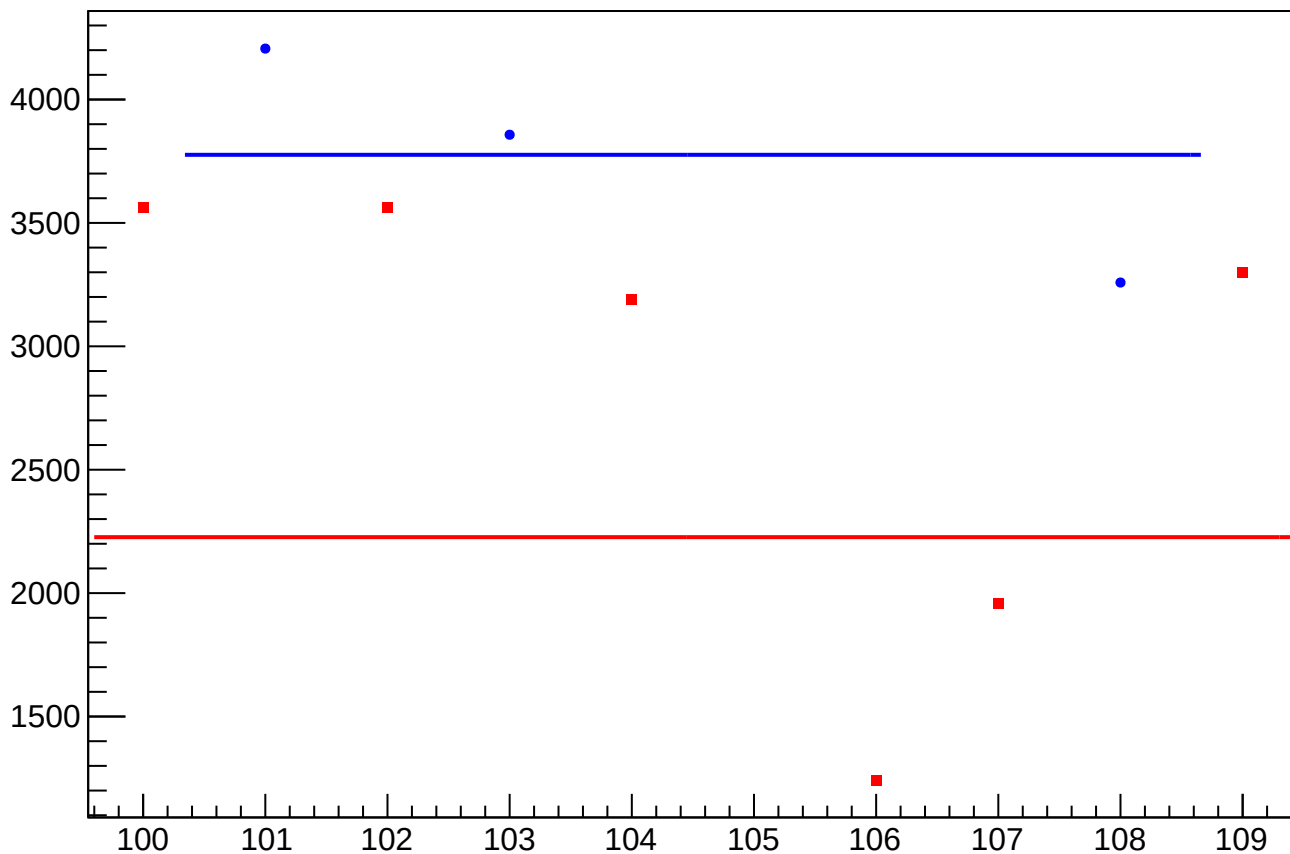
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2319.372+/-1437.731 χ^2/NDF : 3.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug



Right In: 3775.958 $\pm$ 2.100 χ^2 /NDF: 34064.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2226.775 $\pm$ 1.162 χ^2 /NDF: 707505.2/5

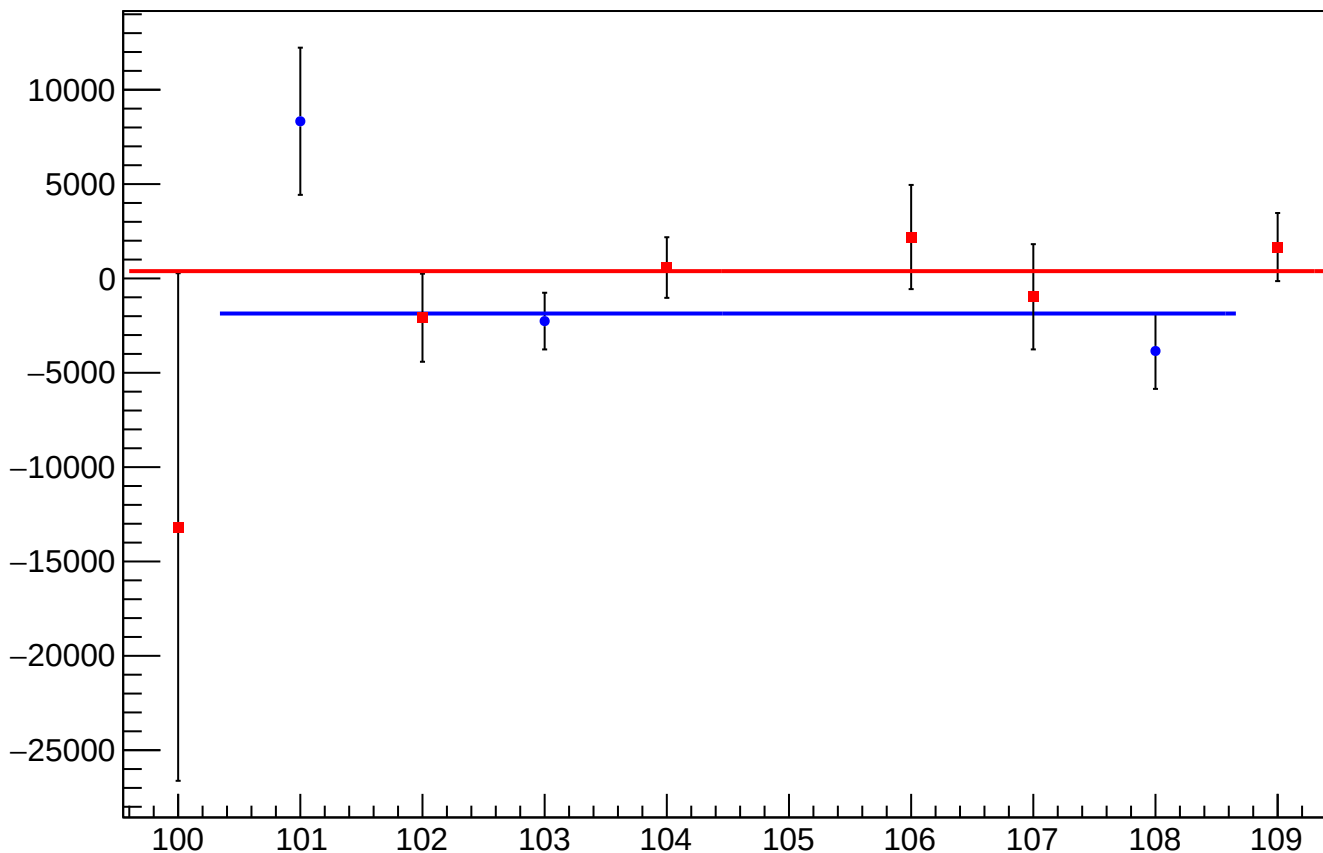
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2589.949 $\pm$ 1.017 χ^2 /NDF: 1158321.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 387.255 $\pm$ 935.226 χ^2 /NDF: 3.3/5

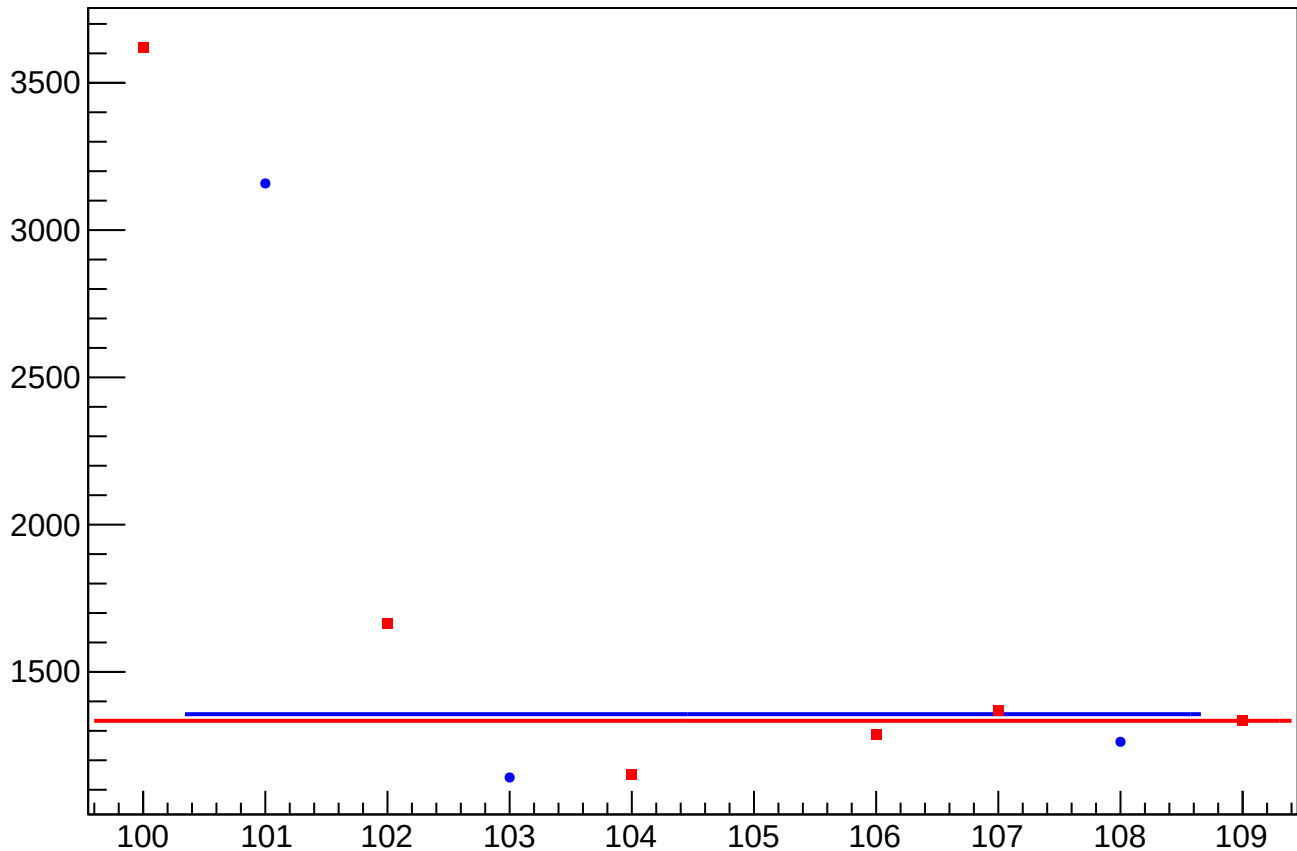
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -507.410 $\pm$ 725.453 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.137 $\pm$ 0.657 χ^2 /NDF: 125276.8/5

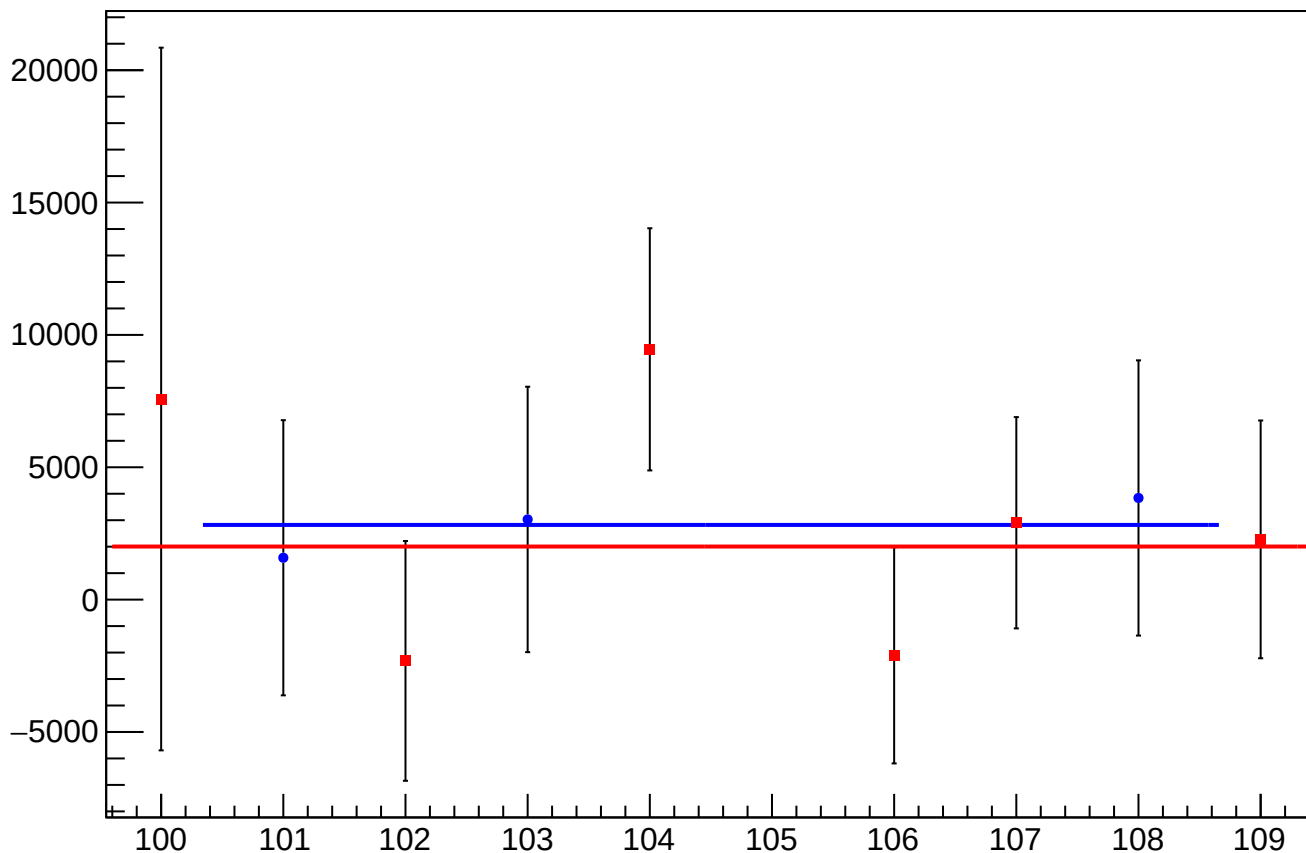
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1342.974 $\pm$ 0.511 χ^2 /NDF: 597928.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug



Right In: 2821.754 $\pm$ 2964.328 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2005.532 $\pm$ 1908.465 χ^2 /NDF: 4.8/5

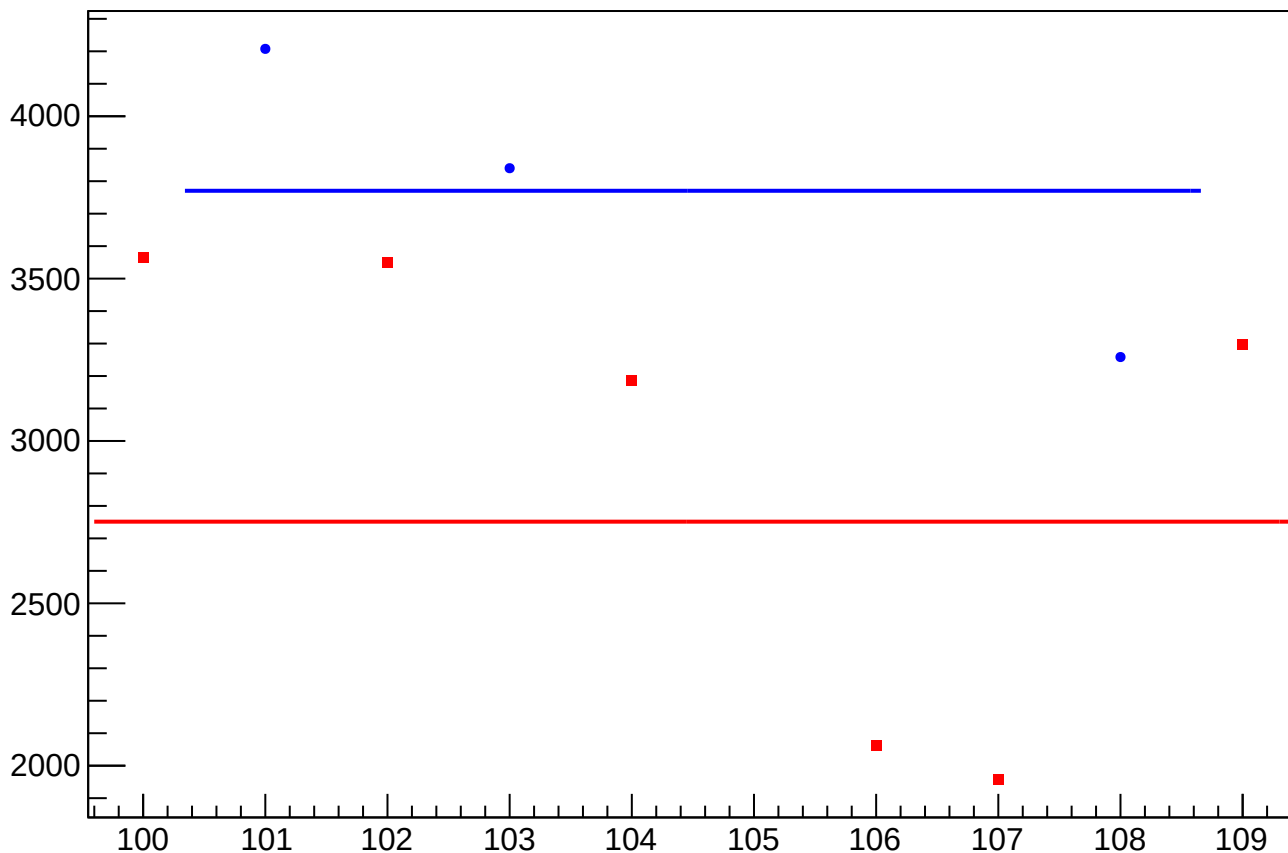
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2244.711 $\pm$ 1604.664 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug



Right In: 3770.488 $\pm$ 2.096 χ^2 /NDF: 33927.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2751.513 $\pm$ 1.349 χ^2 /NDF: 253868.9/5

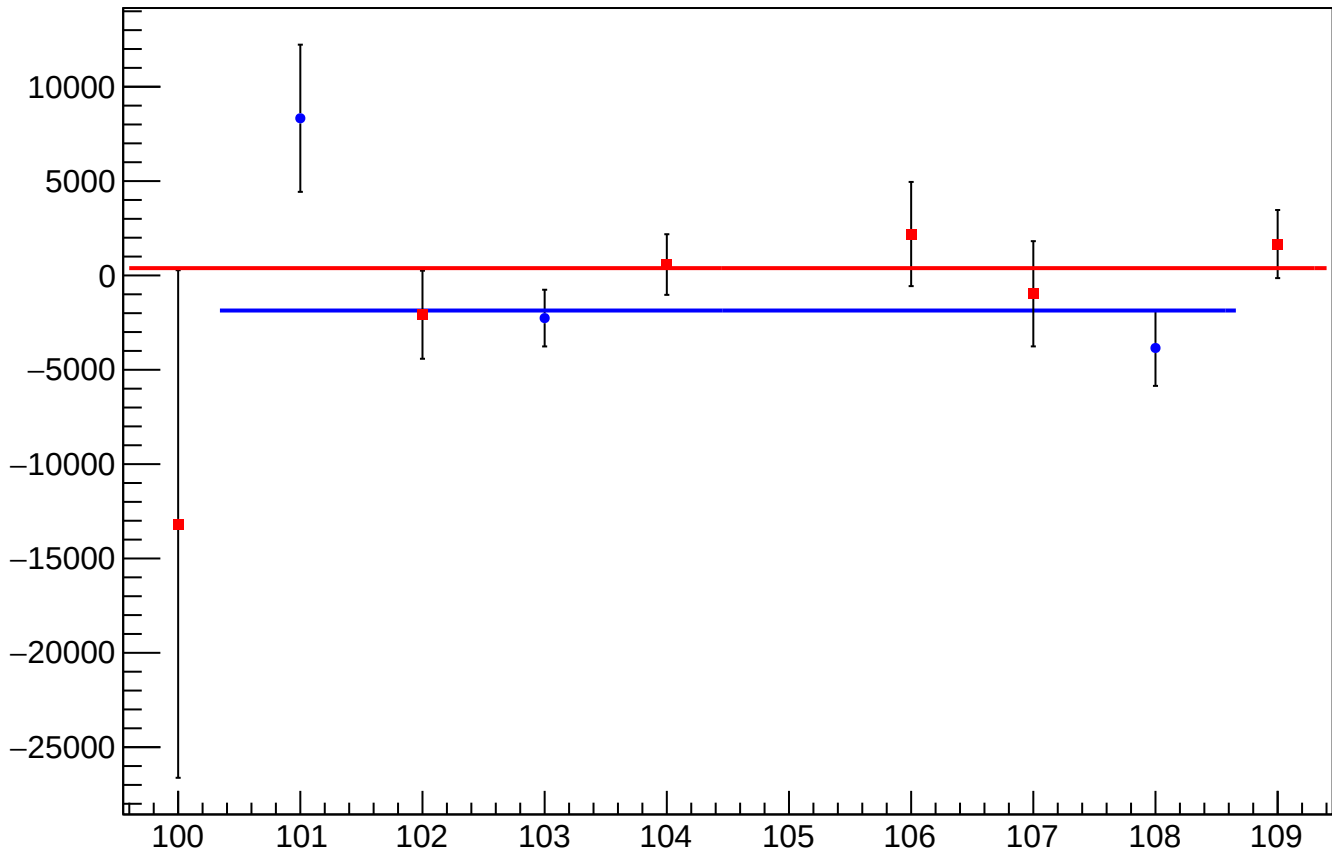
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3050.105 $\pm$ 1.135 χ^2 /NDF: 454868.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 387.255 $\pm$ 935.226 χ^2 /NDF: 3.3/5

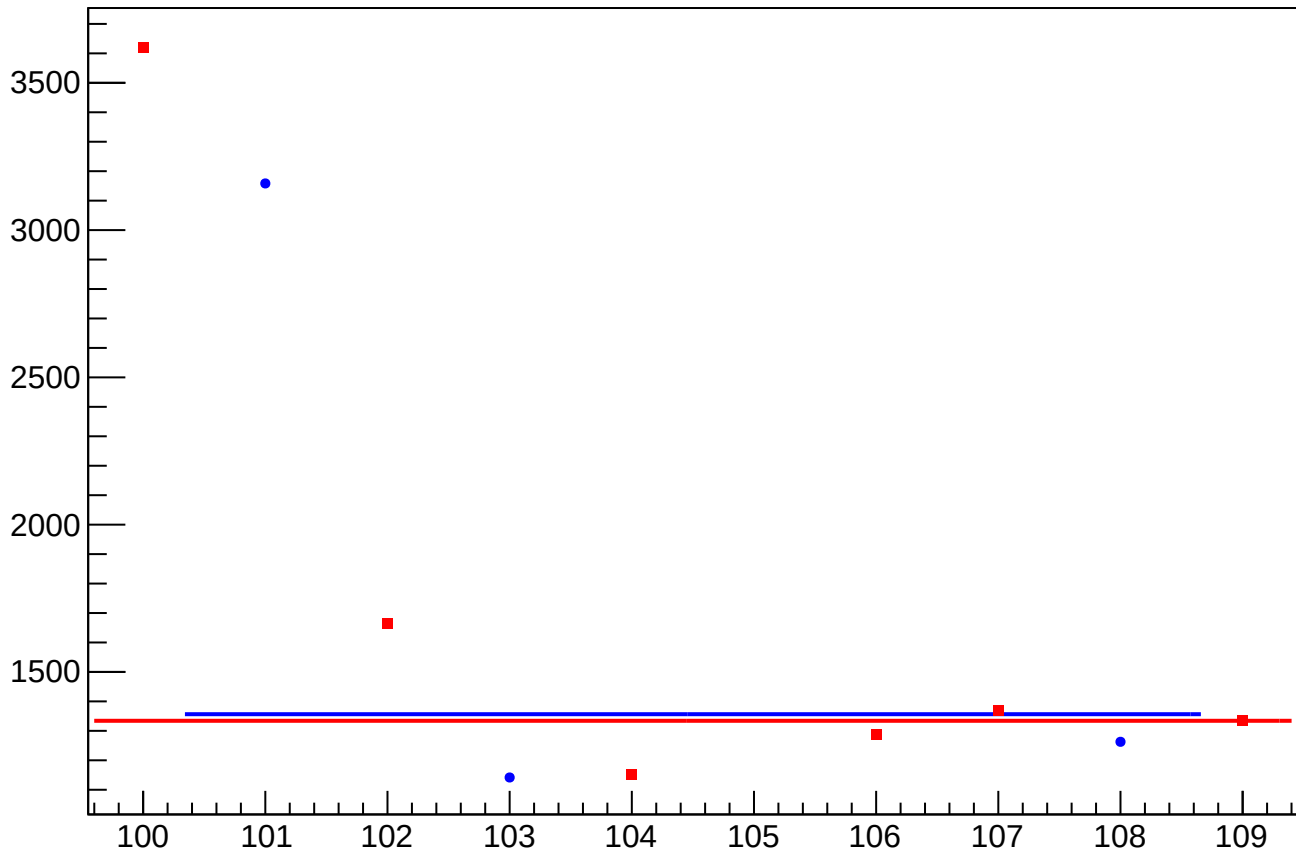
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -507.410 $\pm$ 725.453 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.137 $\pm$ 0.657 χ^2 /NDF: 125276.8/5

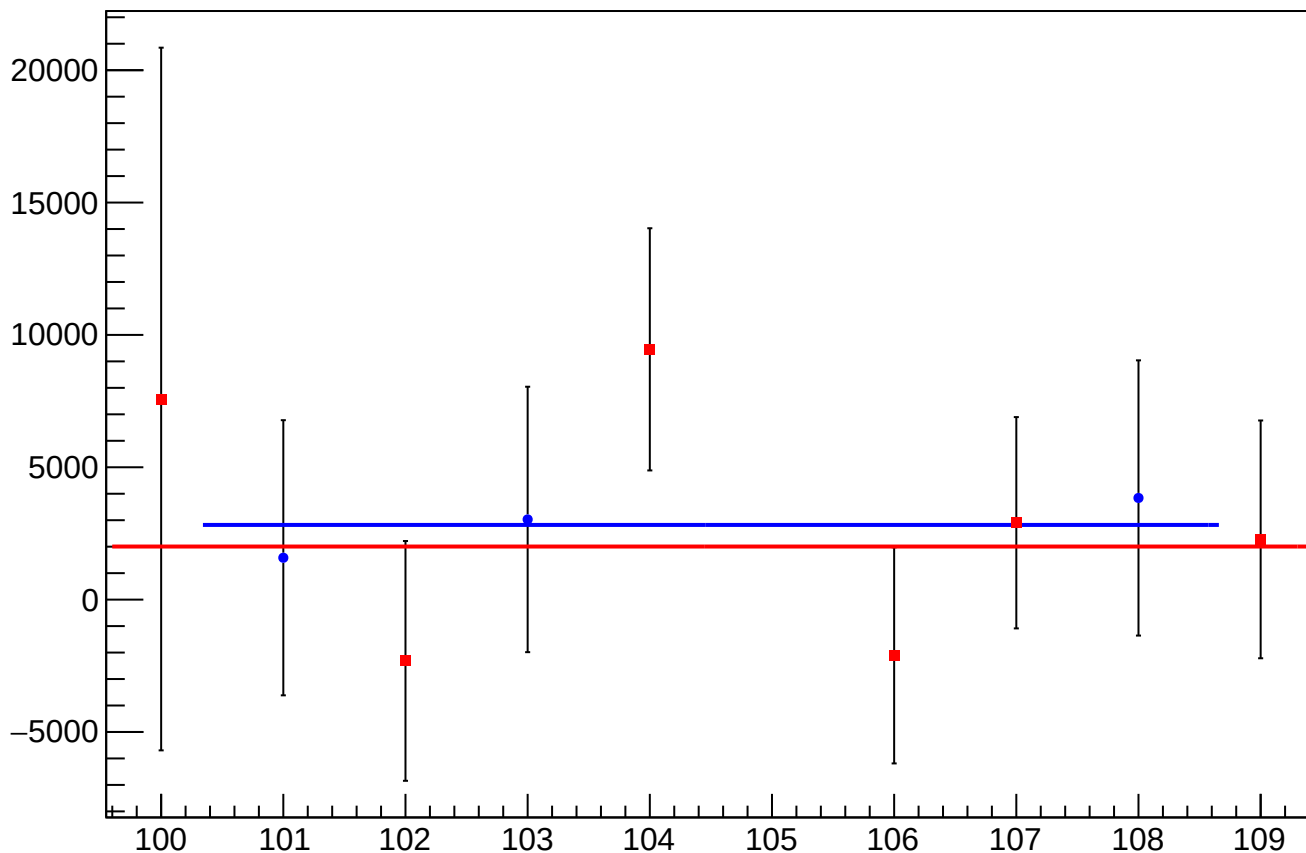
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1342.974 $\pm$ 0.511 χ^2 /NDF: 597928.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 2821.754 $\pm$ 2964.328 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2005.532 $\pm$ 1908.465 χ^2 /NDF: 4.8/5

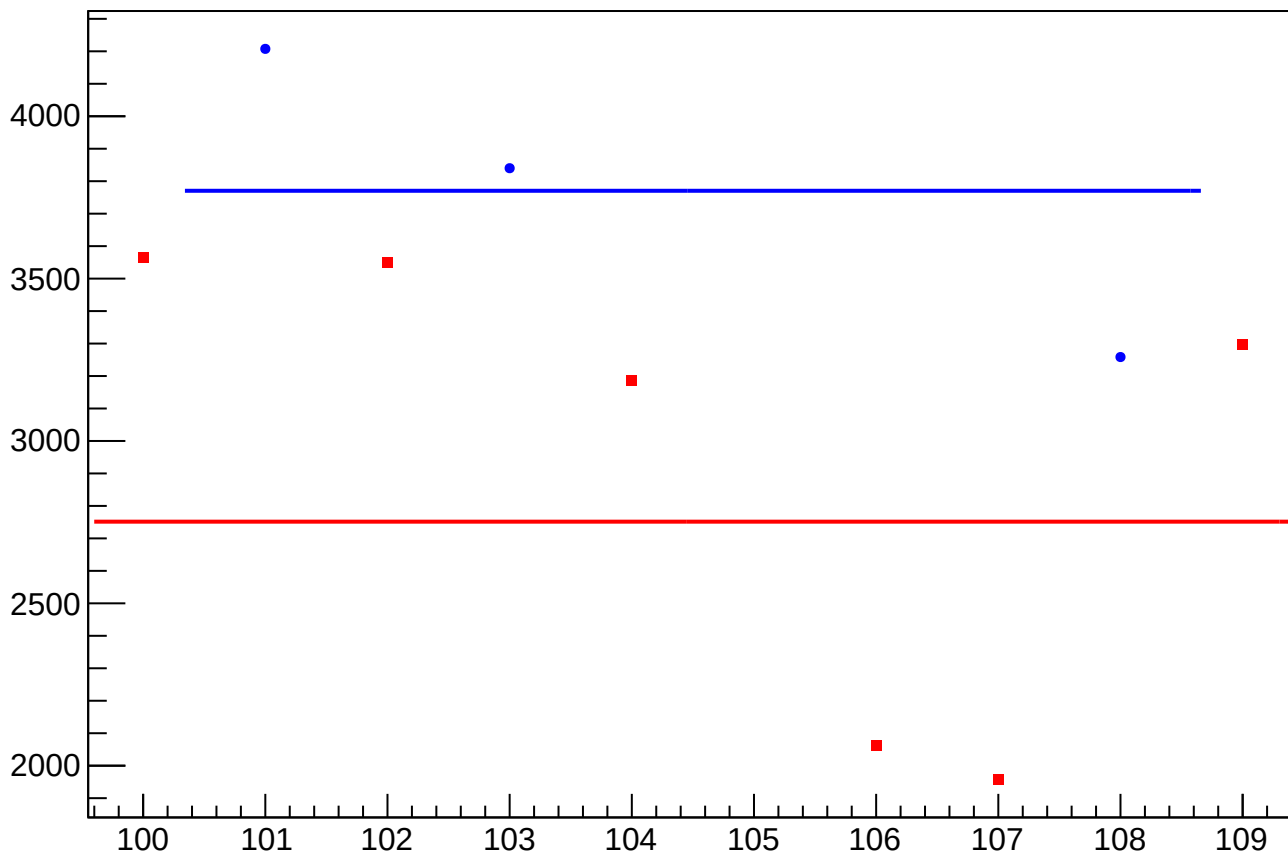
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2244.711 $\pm$ 1604.664 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 3770.488 $\pm$ 2.096 χ^2 /NDF: 33927.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2751.513 $\pm$ 1.349 χ^2 /NDF: 253868.9/5

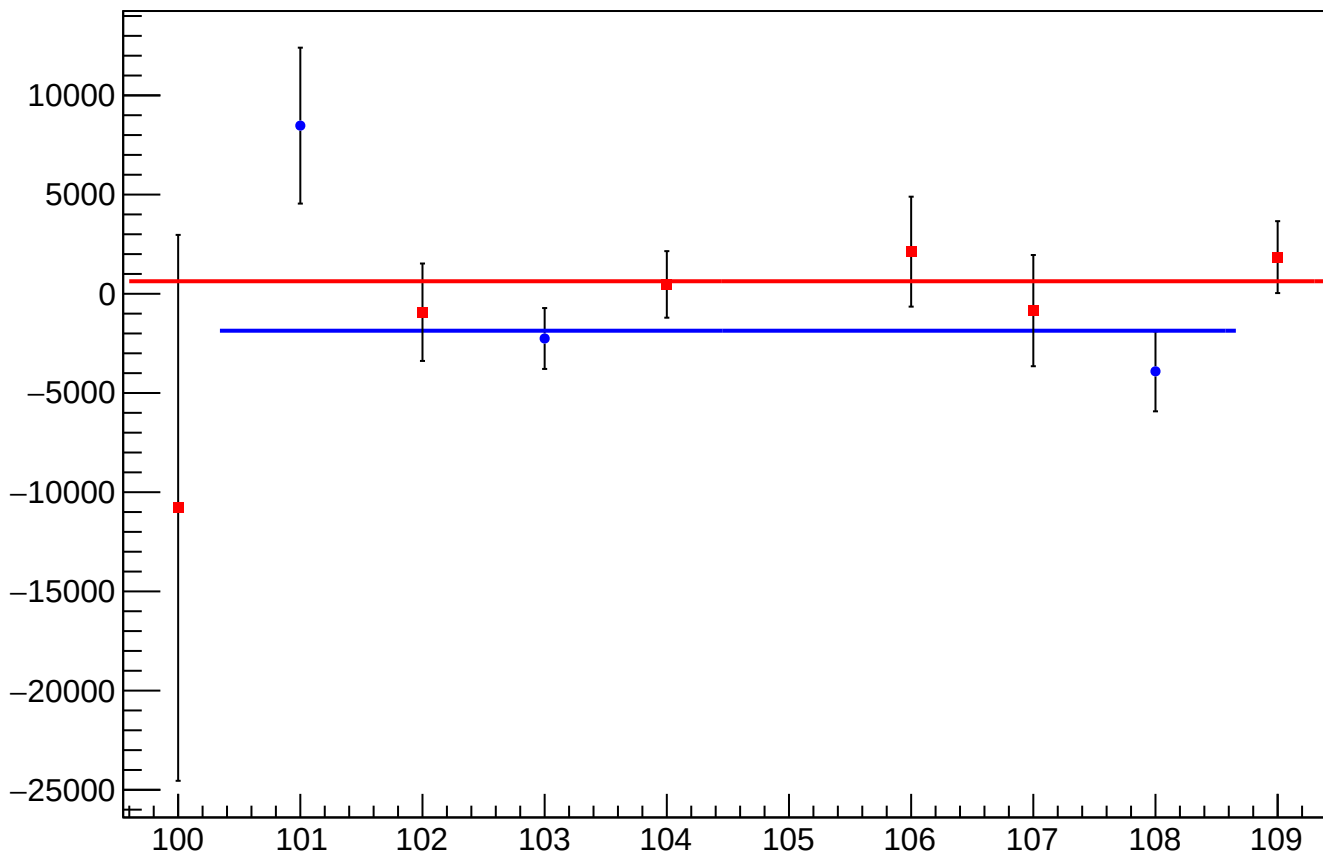
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3050.105 $\pm$ 1.135 χ^2 /NDF: 454868.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1861.202±/-1166.136 χ^2/NDF : 8.0/2

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 631.990±/-958.419 χ^2/NDF : 2.1/5

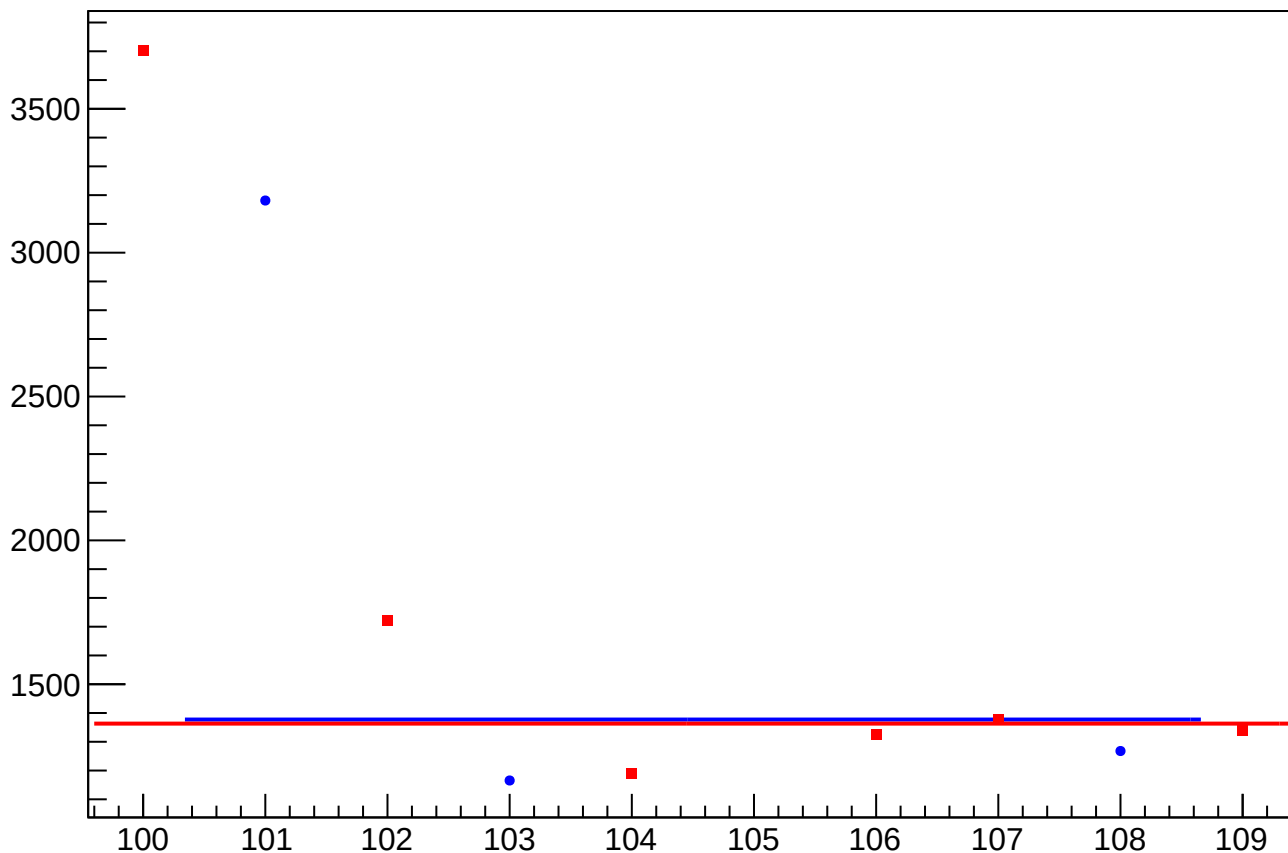
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -373.156±/-740.433 χ^2/NDF : 12.9/8

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1377.236 $\pm$ 0.825 χ^2 /NDF: 465616.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1363.109 $\pm$ 0.676 χ^2 /NDF: 122428.9/5

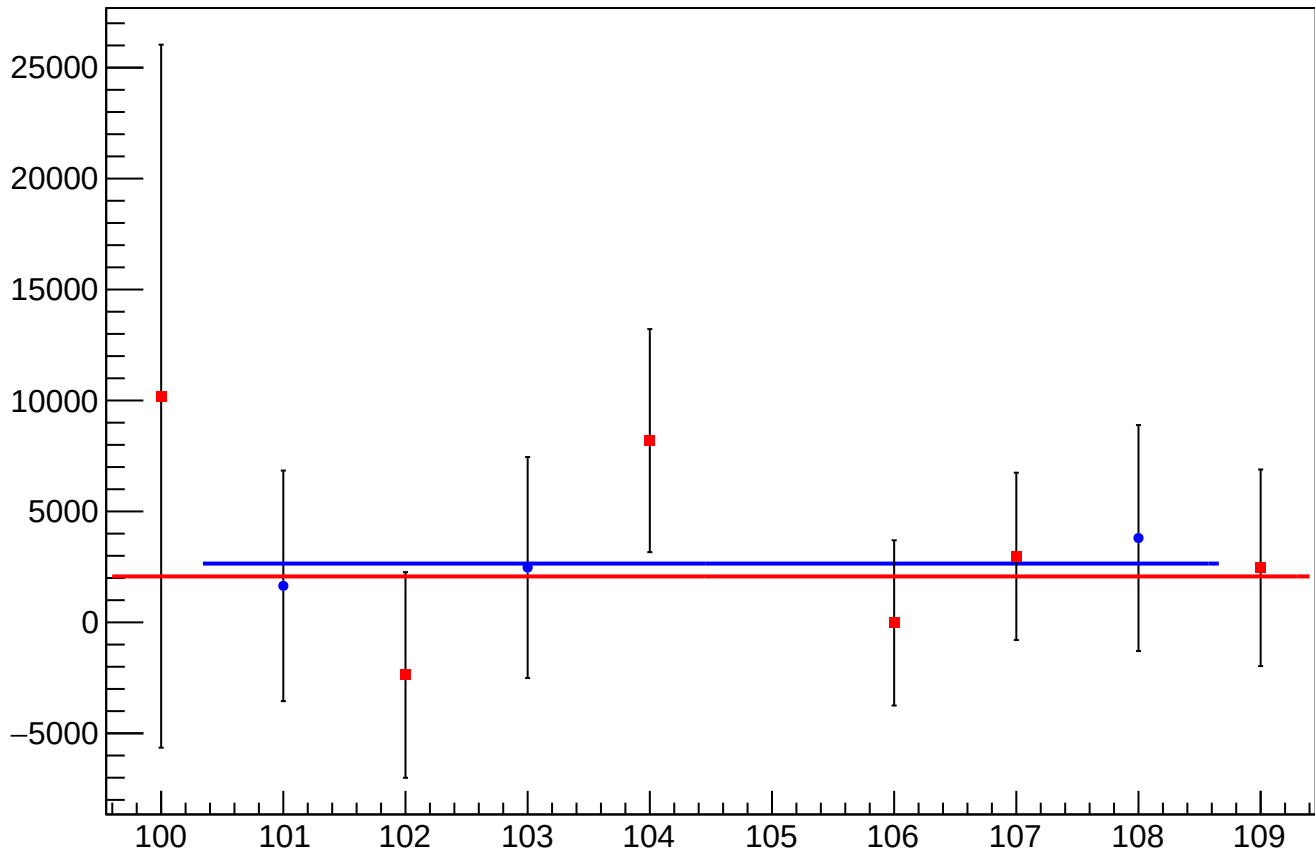
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.785 $\pm$ 0.523 χ^2 /NDF: 588220.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug



Right In: 2649.880 $\pm$ 2937.017 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2070.568 $\pm$ 1877.935 χ^2 /NDF: 3.0/5

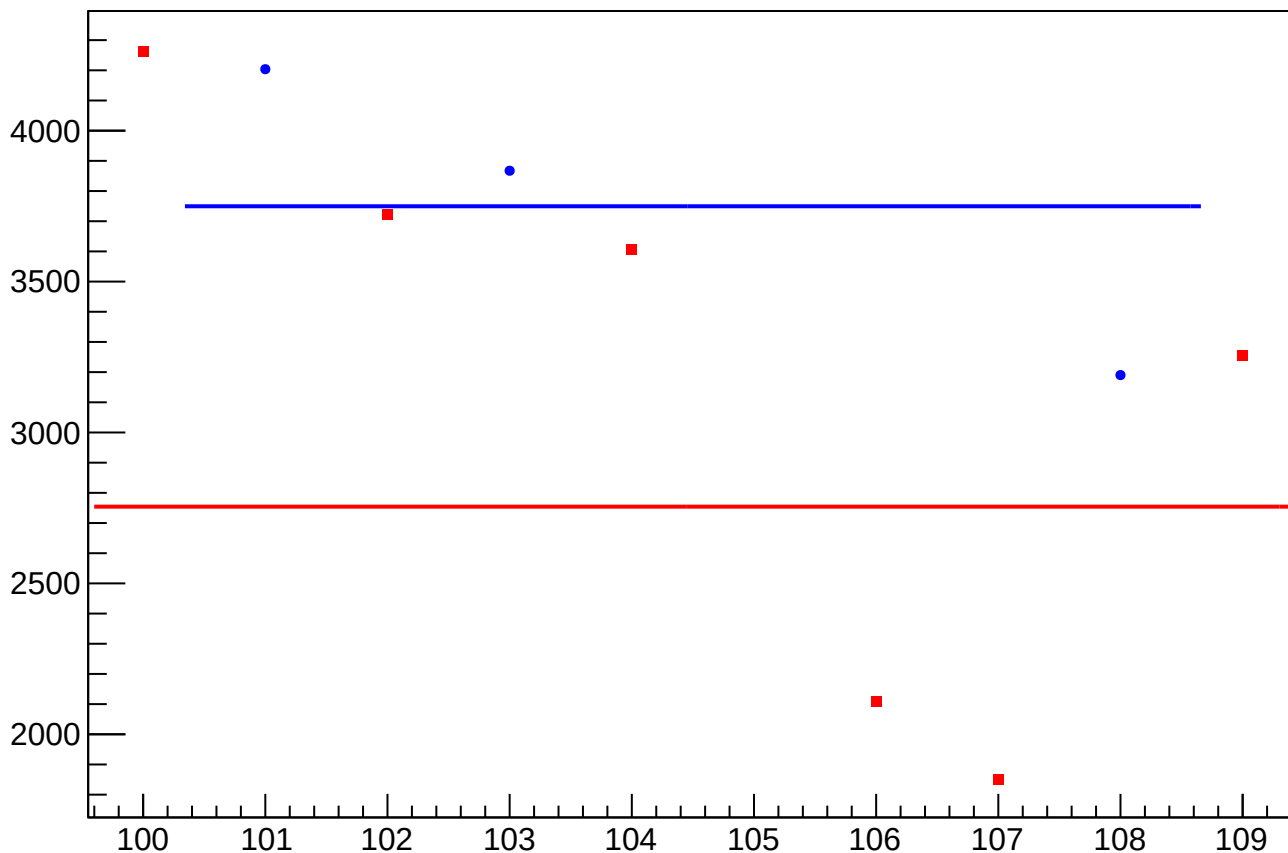
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2238.681 $\pm$ 1582.160 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

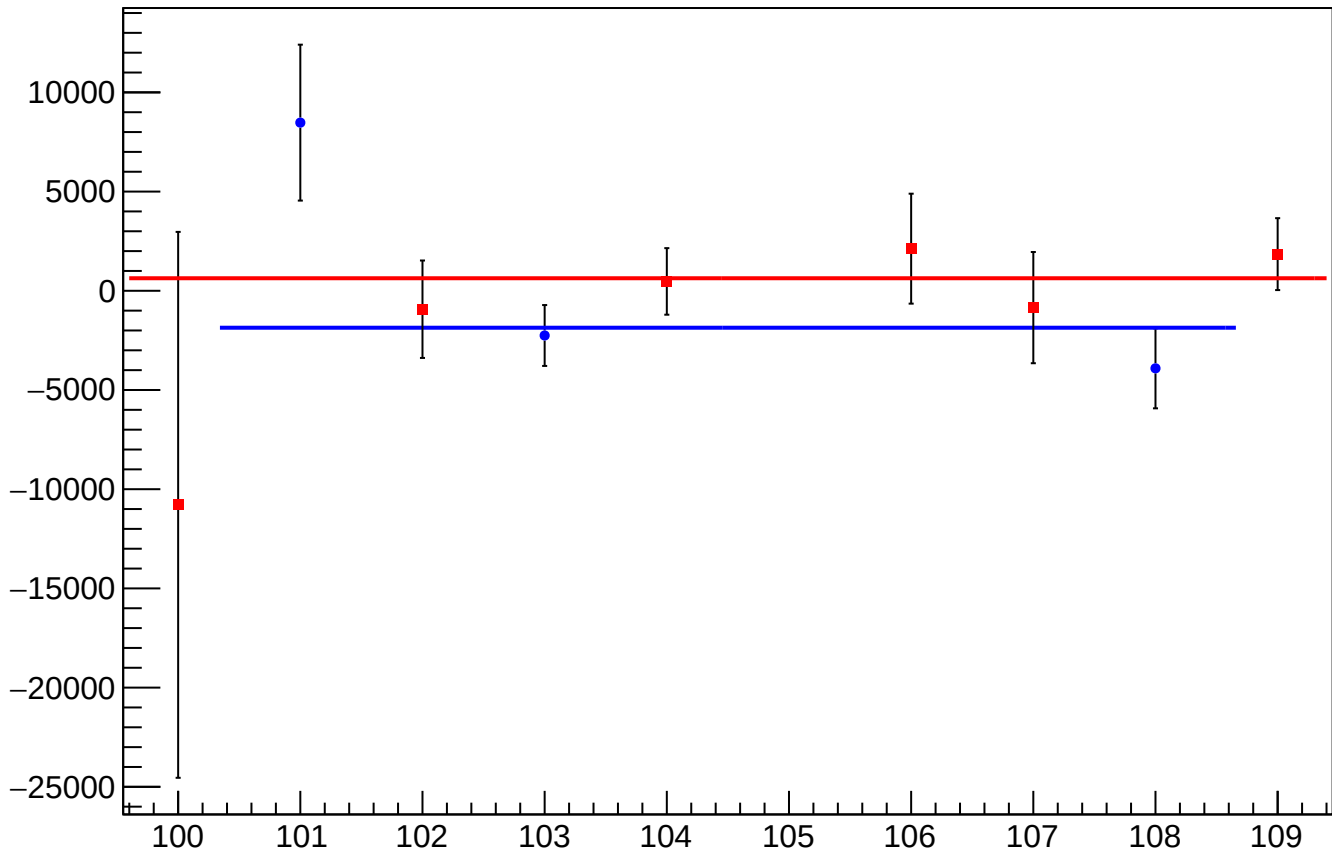
Right Out: 2754.284+/-1.328 χ^2/NDF : 364191.3/5

All: 3043.101+/-1.119 χ^2/NDF : 567736.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -1861.205 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 631.997 $\pm$ 958.419 χ^2 /NDF: 2.1/5

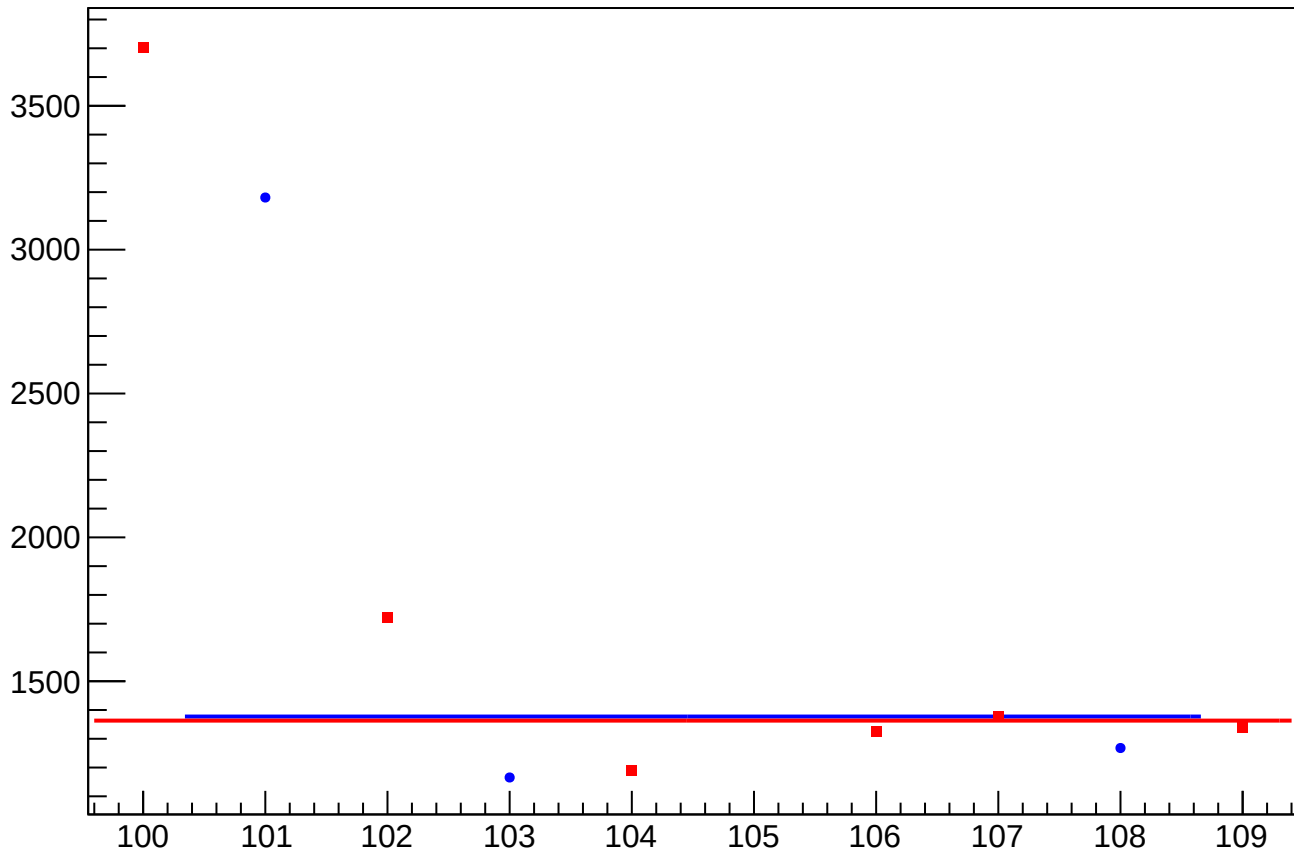
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -373.153 $\pm$ 740.433 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1377.236 $\pm$ 0.825 χ^2 /NDF: 465616.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1363.109 $\pm$ 0.676 χ^2 /NDF: 122429.0/5

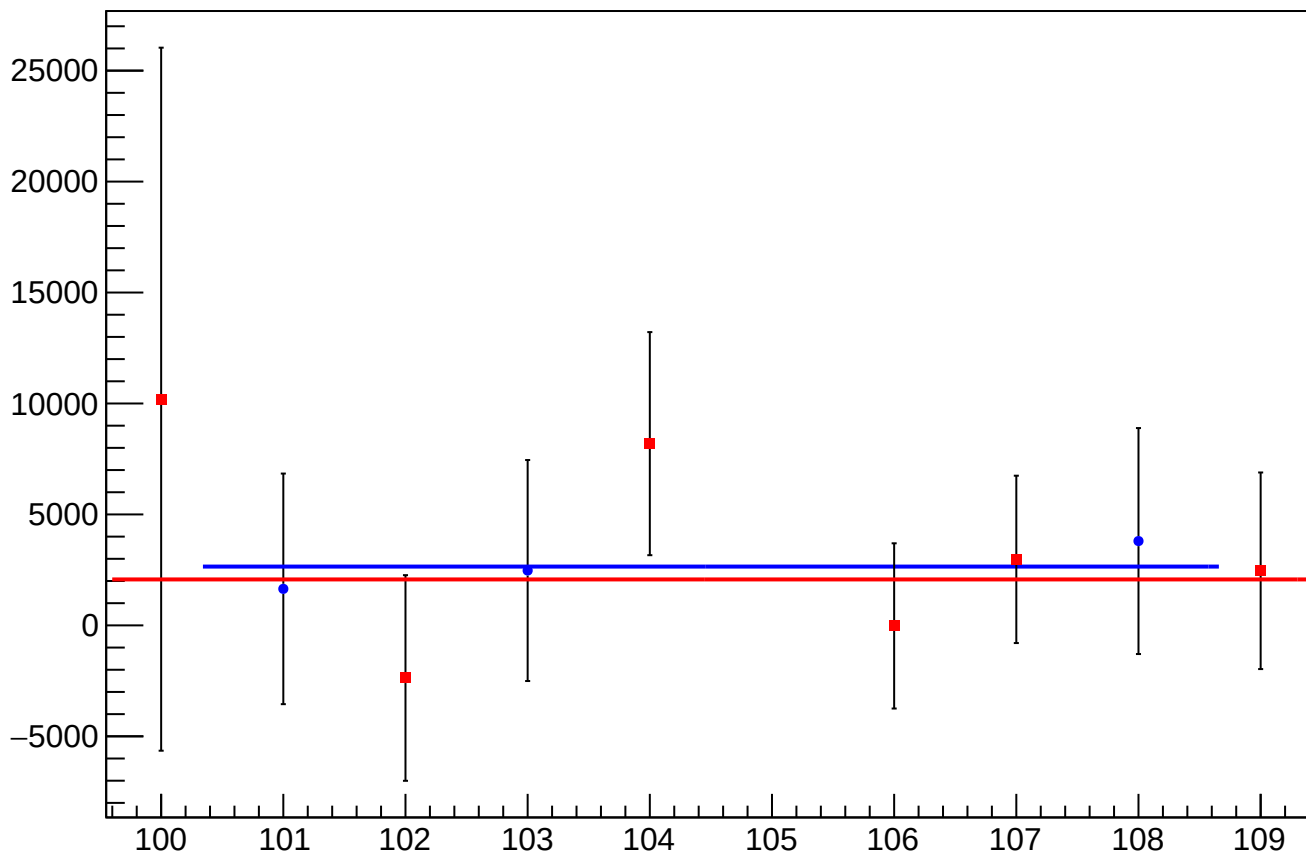
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.785 $\pm$ 0.523 χ^2 /NDF: 588220.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 2649.883 $\pm$ 2937.015 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2070.573 $\pm$ 1877.932 χ^2 /NDF: 3.0/5

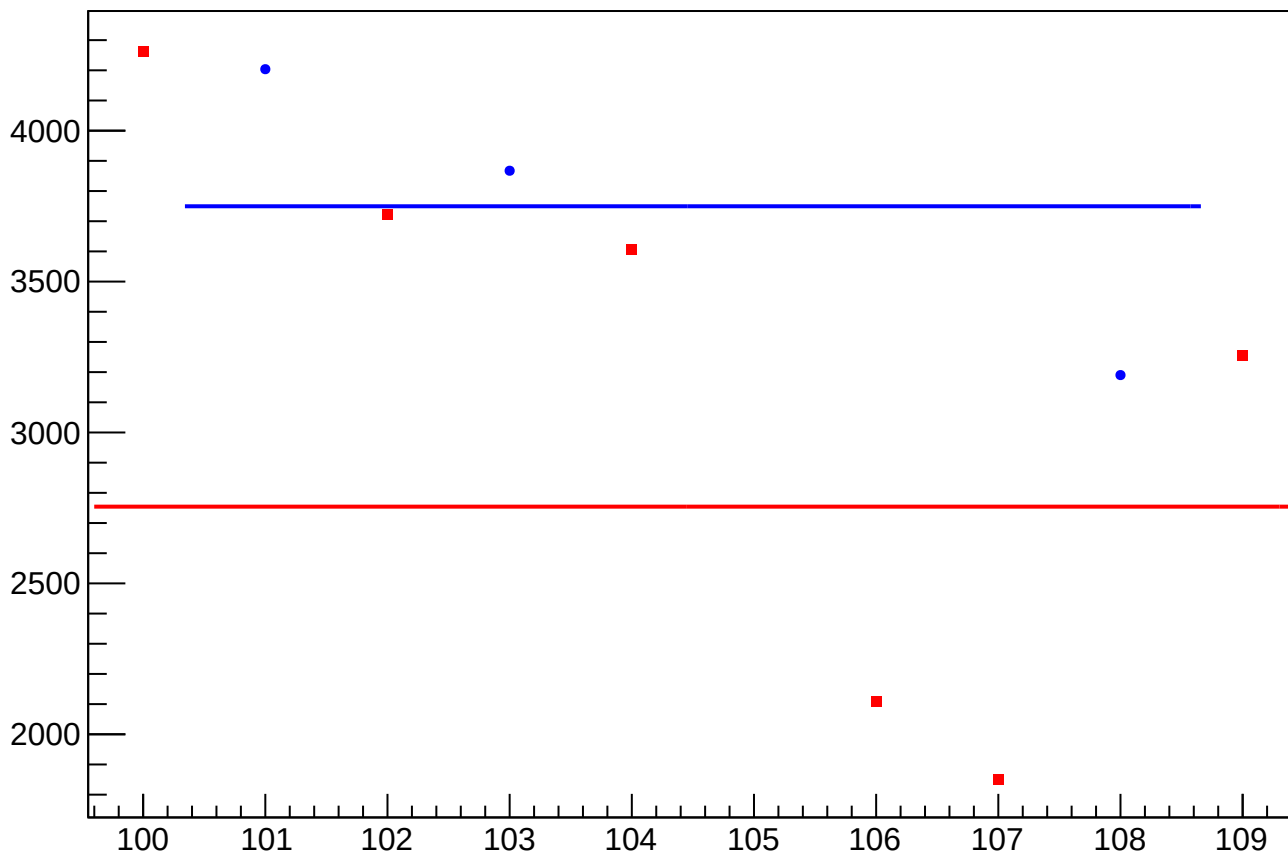
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2238.685 $\pm$ 1582.158 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 3749.538 $\pm$ 2.077 χ^2 /NDF: 40531.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2754.279 $\pm$ 1.328 χ^2 /NDF: 364194.3/5

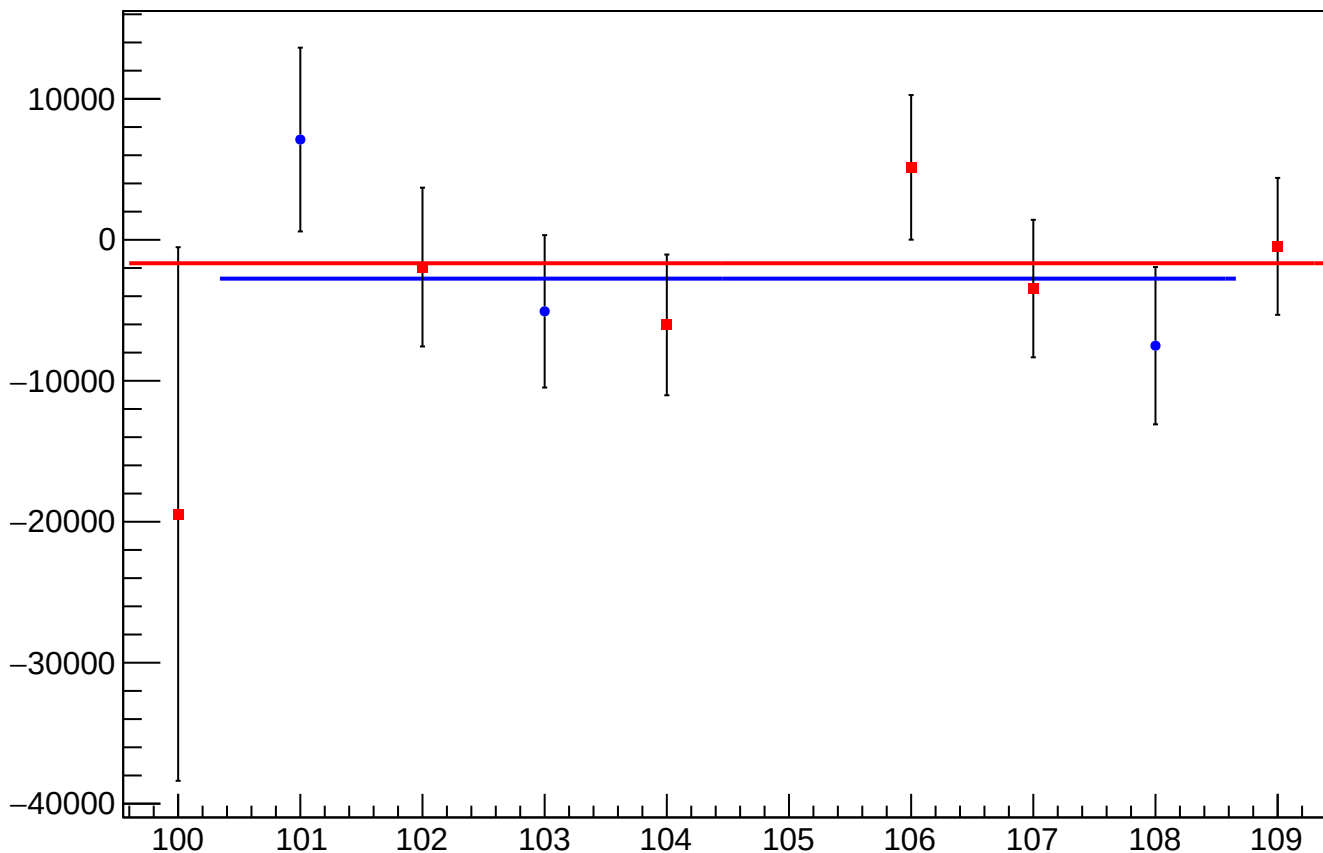
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3043.097 $\pm$ 1.119 χ^2 /NDF: 567741.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -2752.341+/-3335.640 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1661.540+/-2253.686 χ^2/NDF : 3.6/5

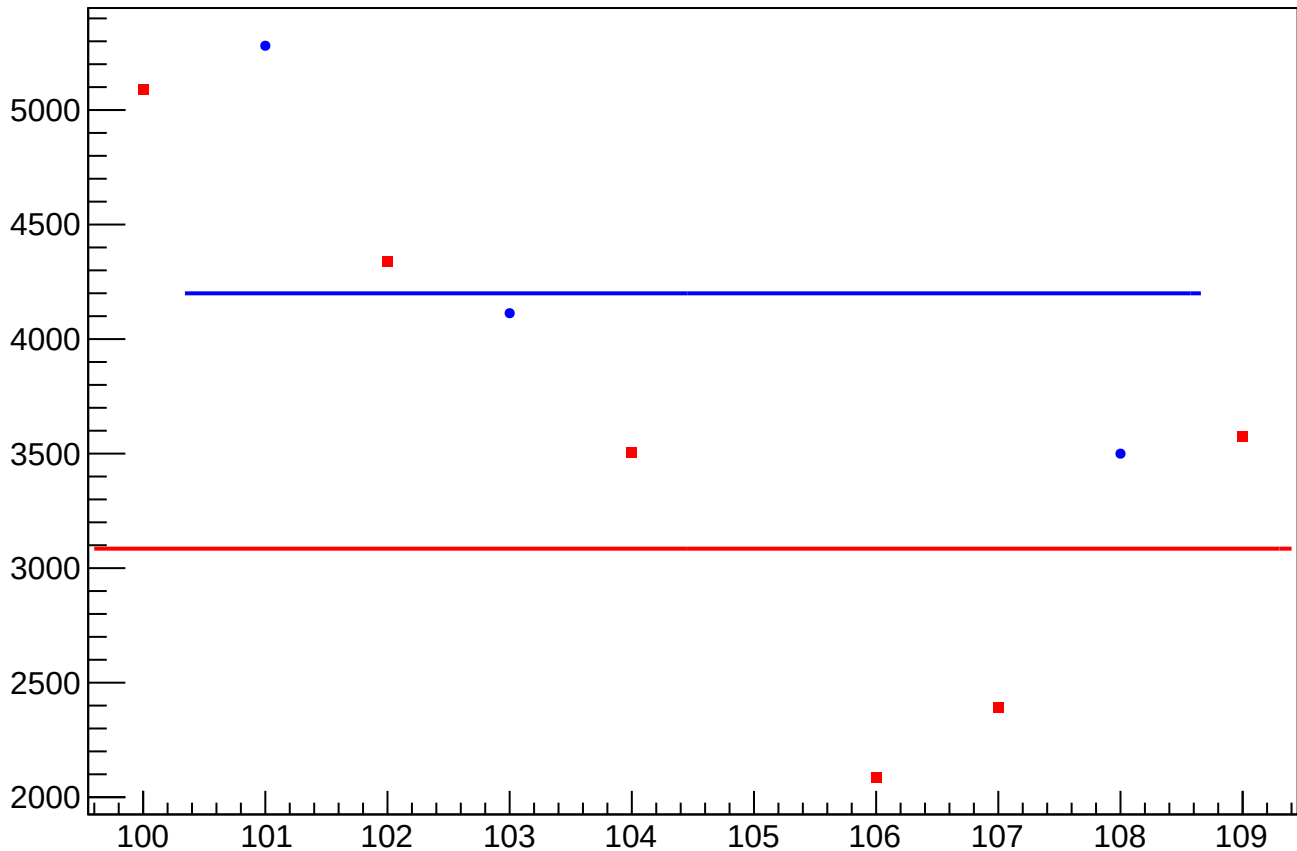
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2003.415+/-1867.412 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 4199.698 $\pm$ 2.359 χ^2 /NDF: 86987.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3085.054 $\pm$ 1.534 χ^2 /NDF: 302461.0/5

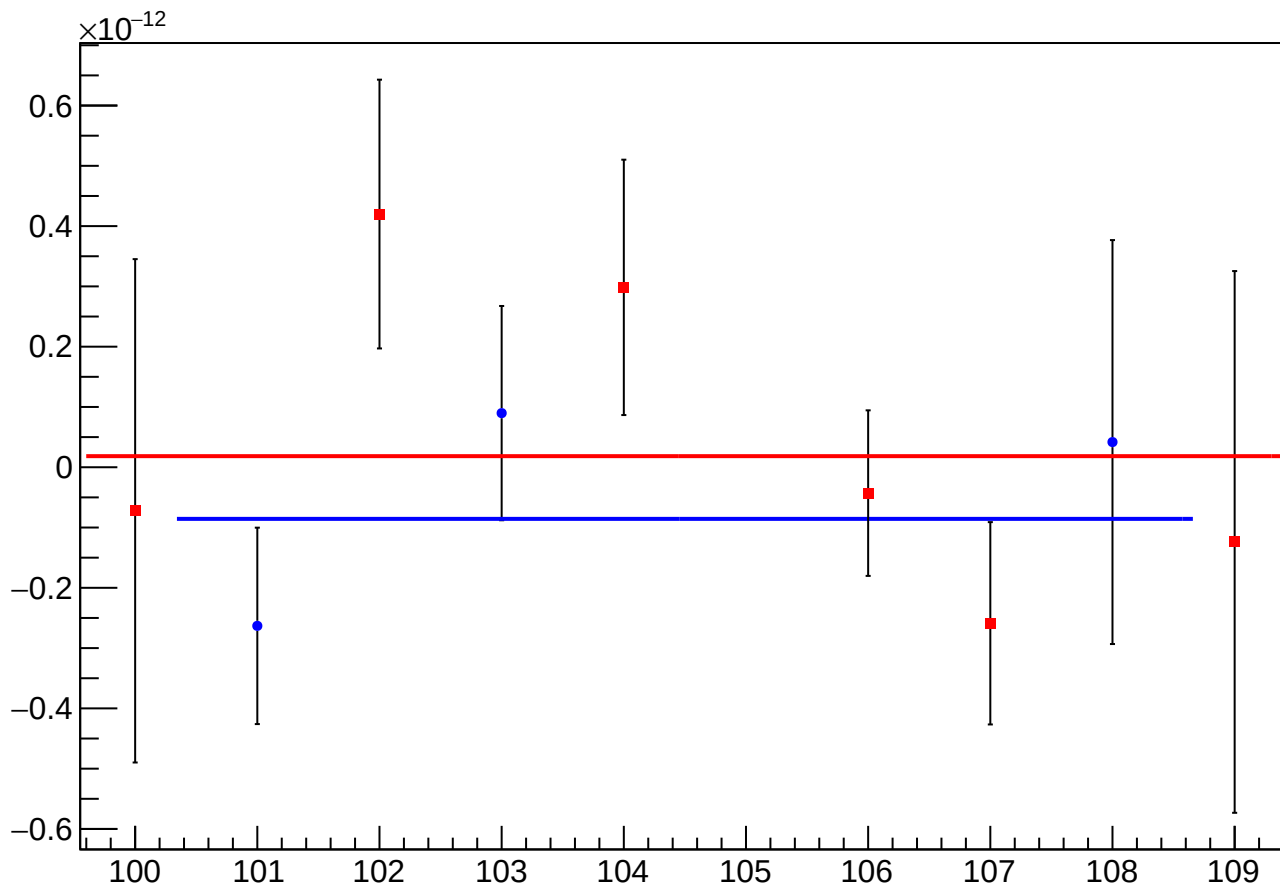
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3416.408 $\pm$ 1.286 χ^2 /NDF: 546401.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/5

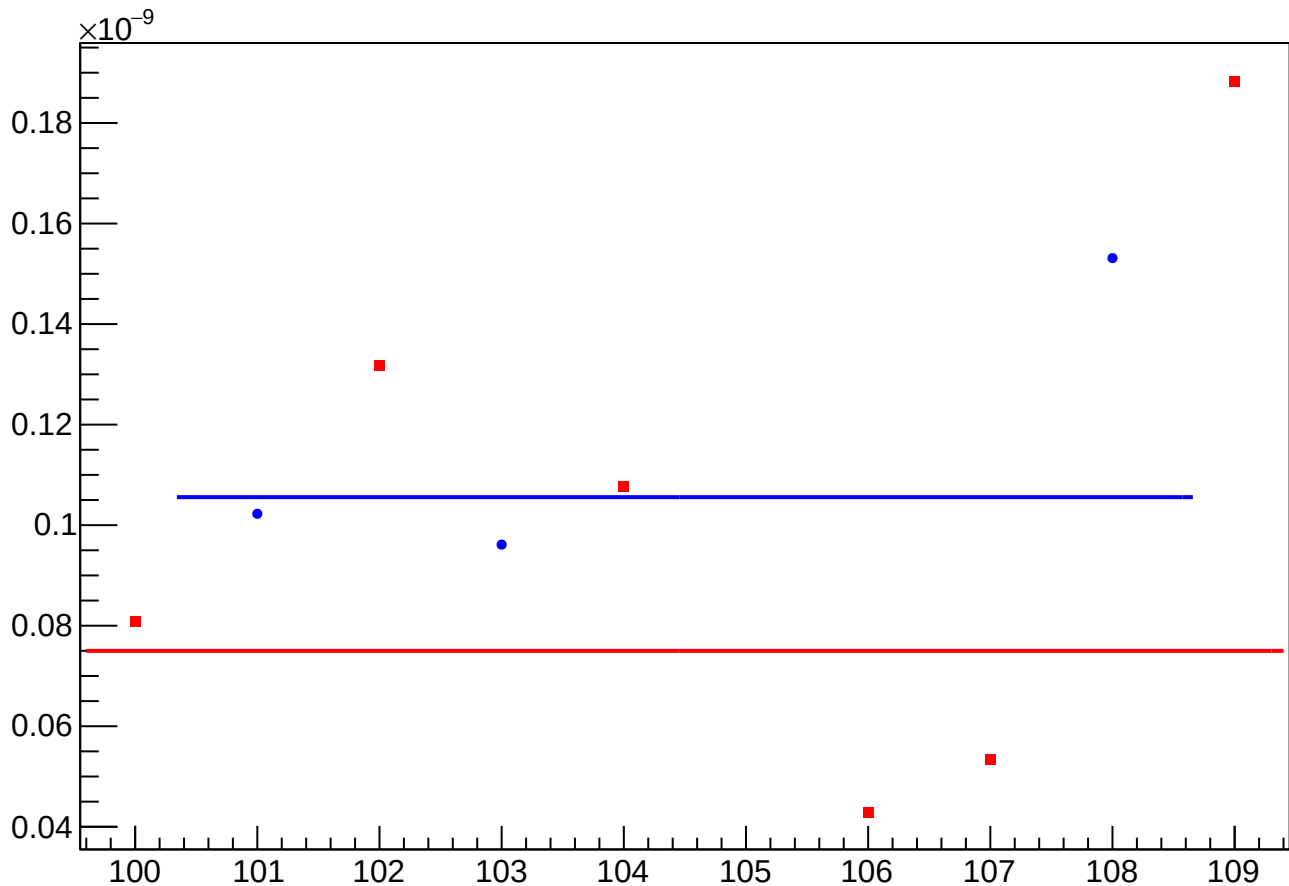
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 46744.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 447358.1/5

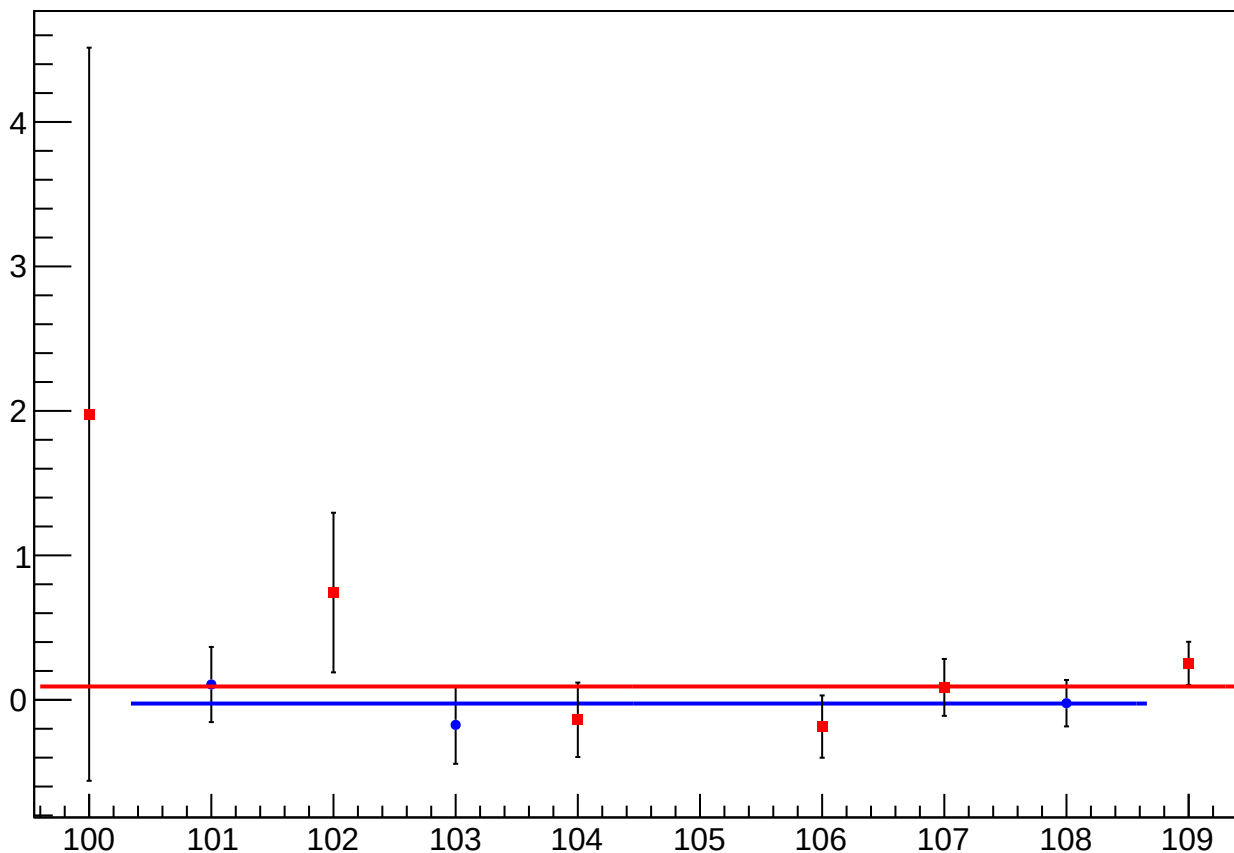
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 588359.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

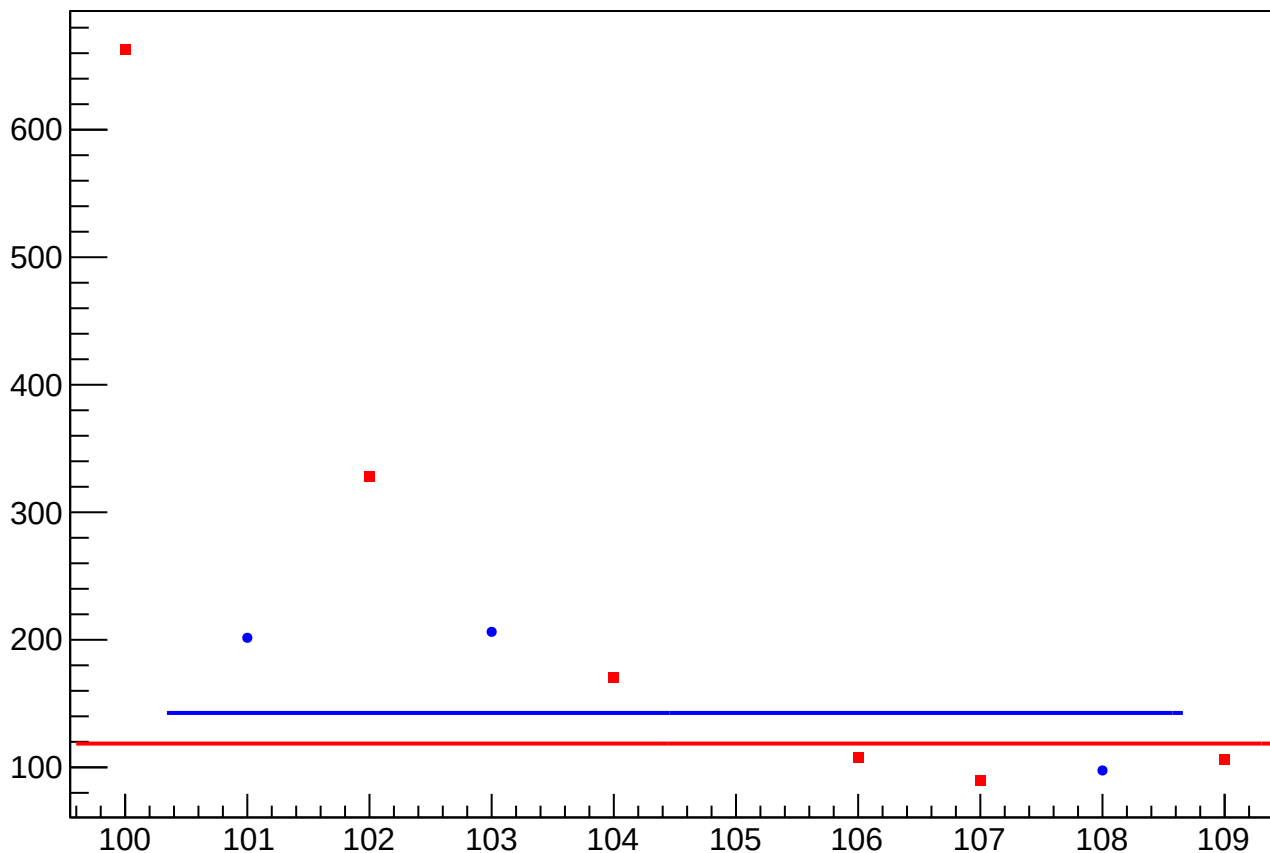
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.075 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

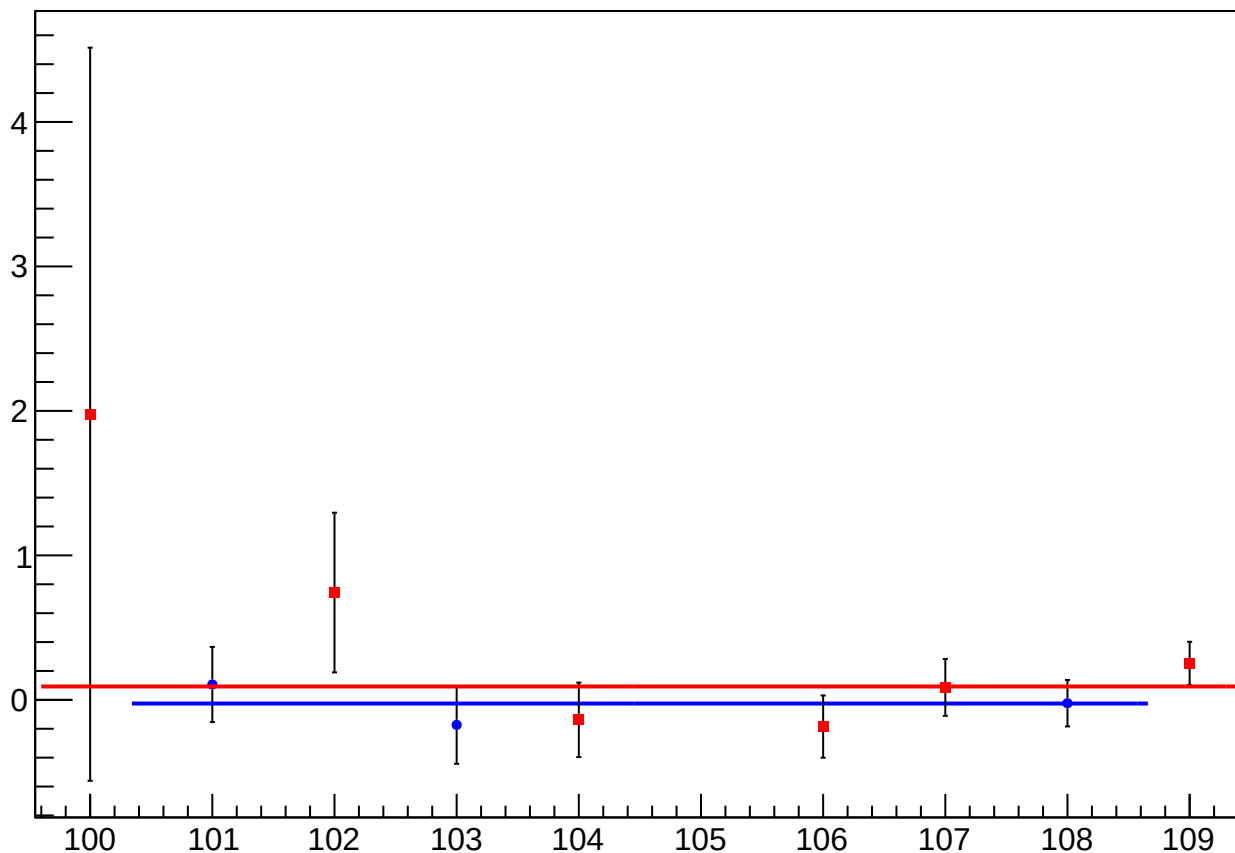
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.721+/-0.053 χ^2/NDF : 942242.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025+/-0.122 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.095 χ^2/NDF : 5.5/5

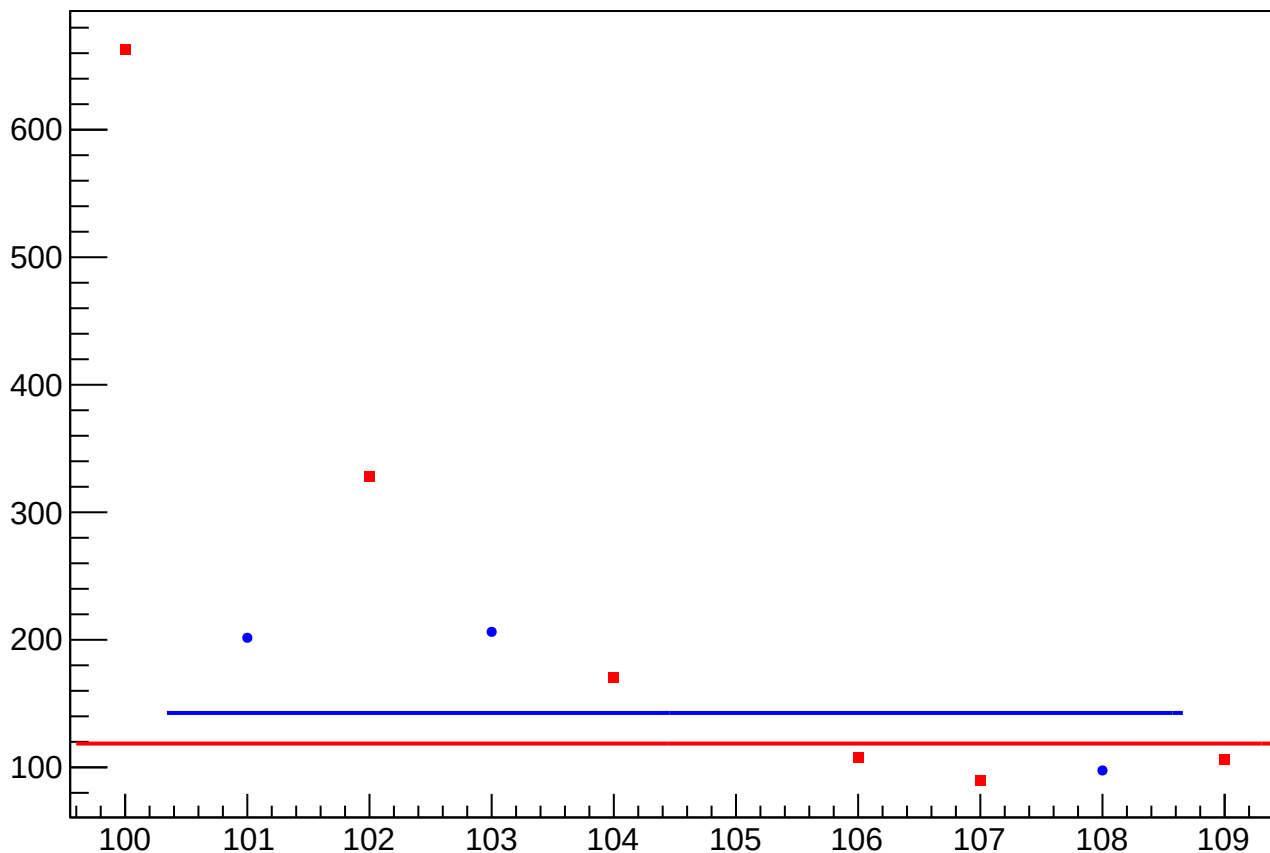
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.075 χ^2/NDF : 6.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.654 $\pm$ 0.086 χ^2 /NDF: 371642.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.645 $\pm$ 0.067 χ^2 /NDF: 522364.5/5

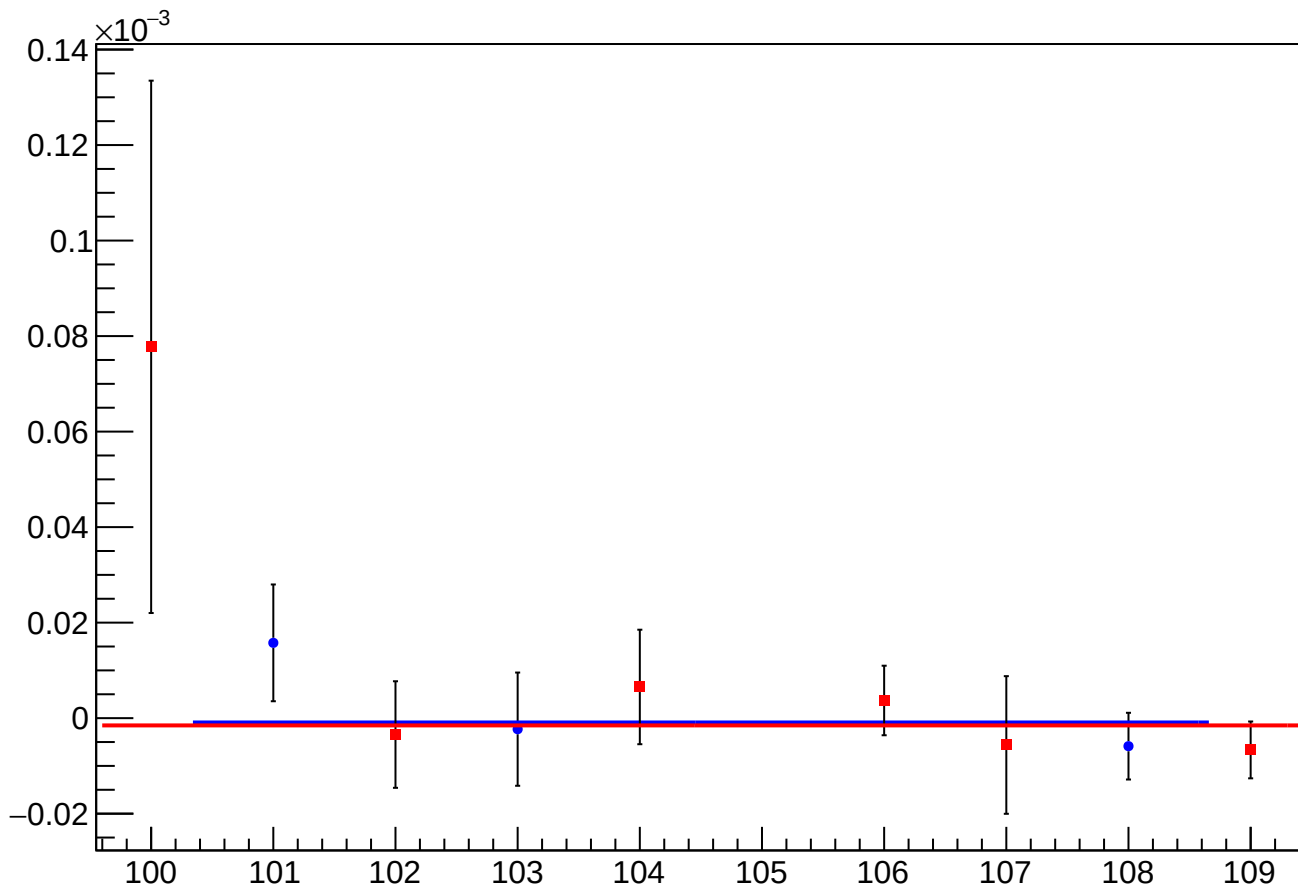
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.721 $\pm$ 0.053 χ^2 /NDF: 942242.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/5

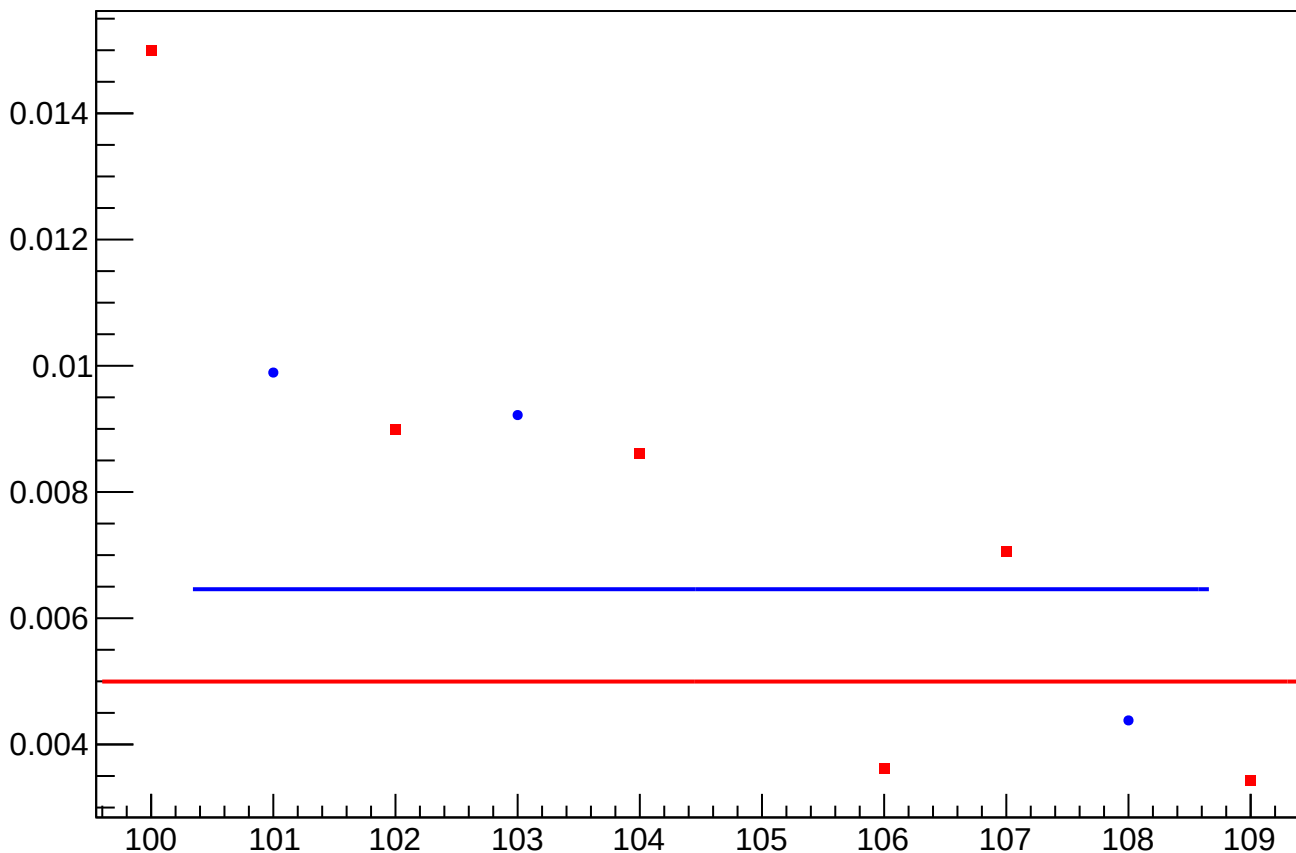
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 754897.7/5

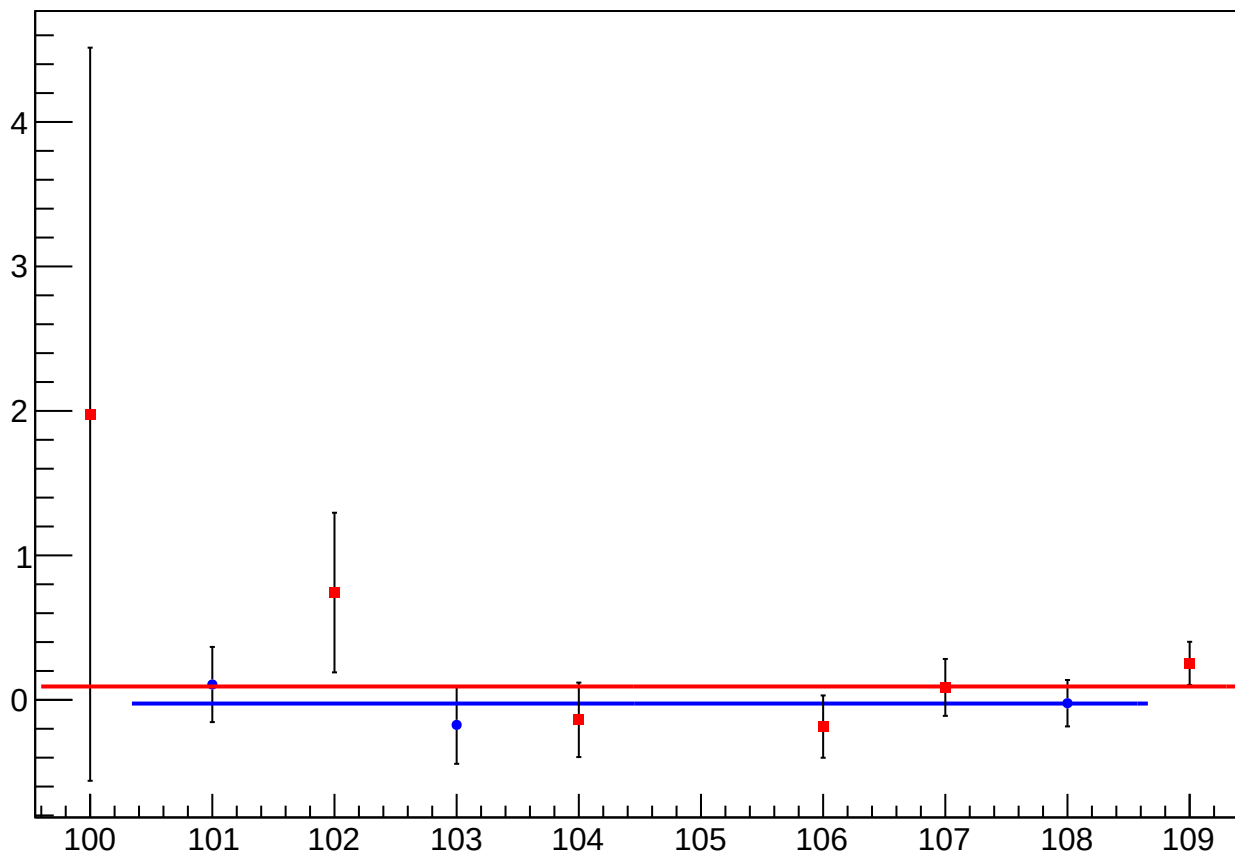
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1295390.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

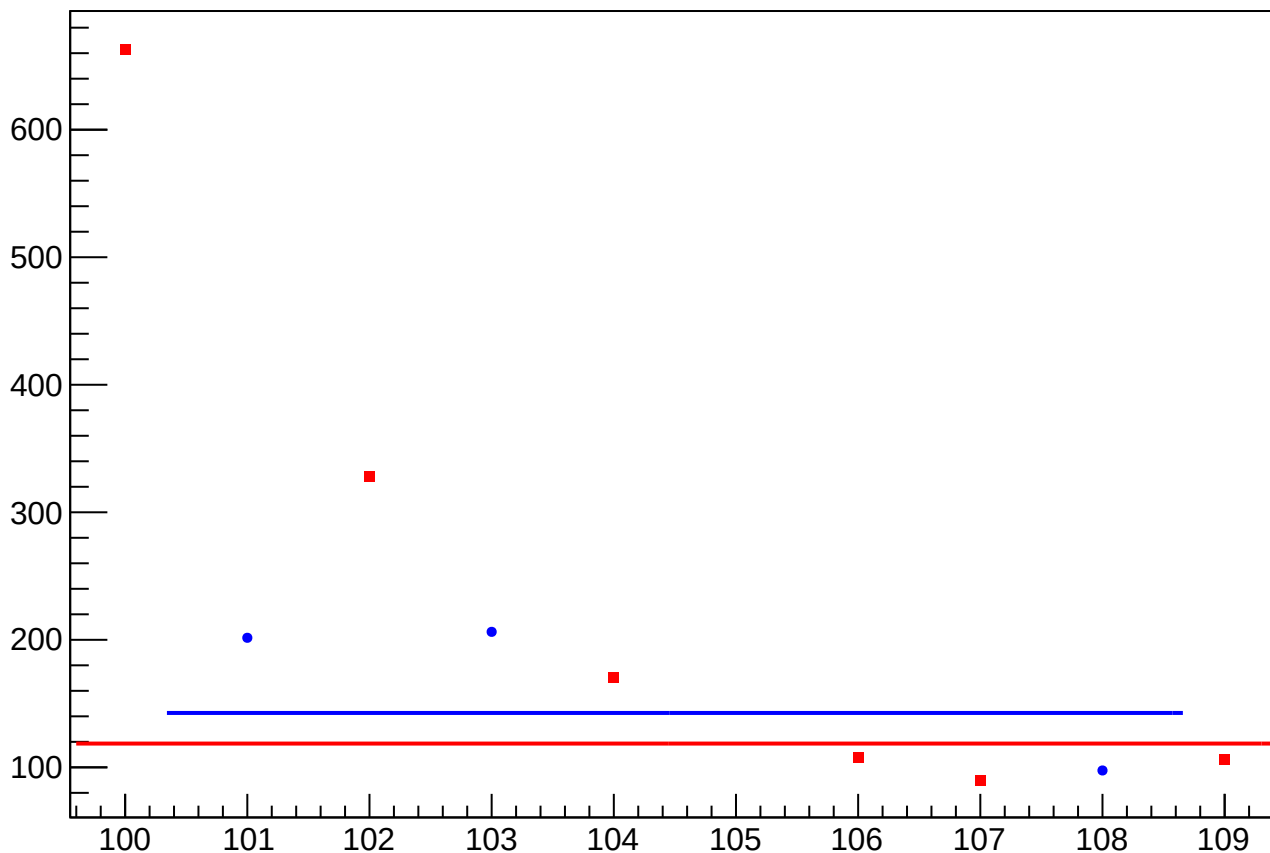
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.075 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

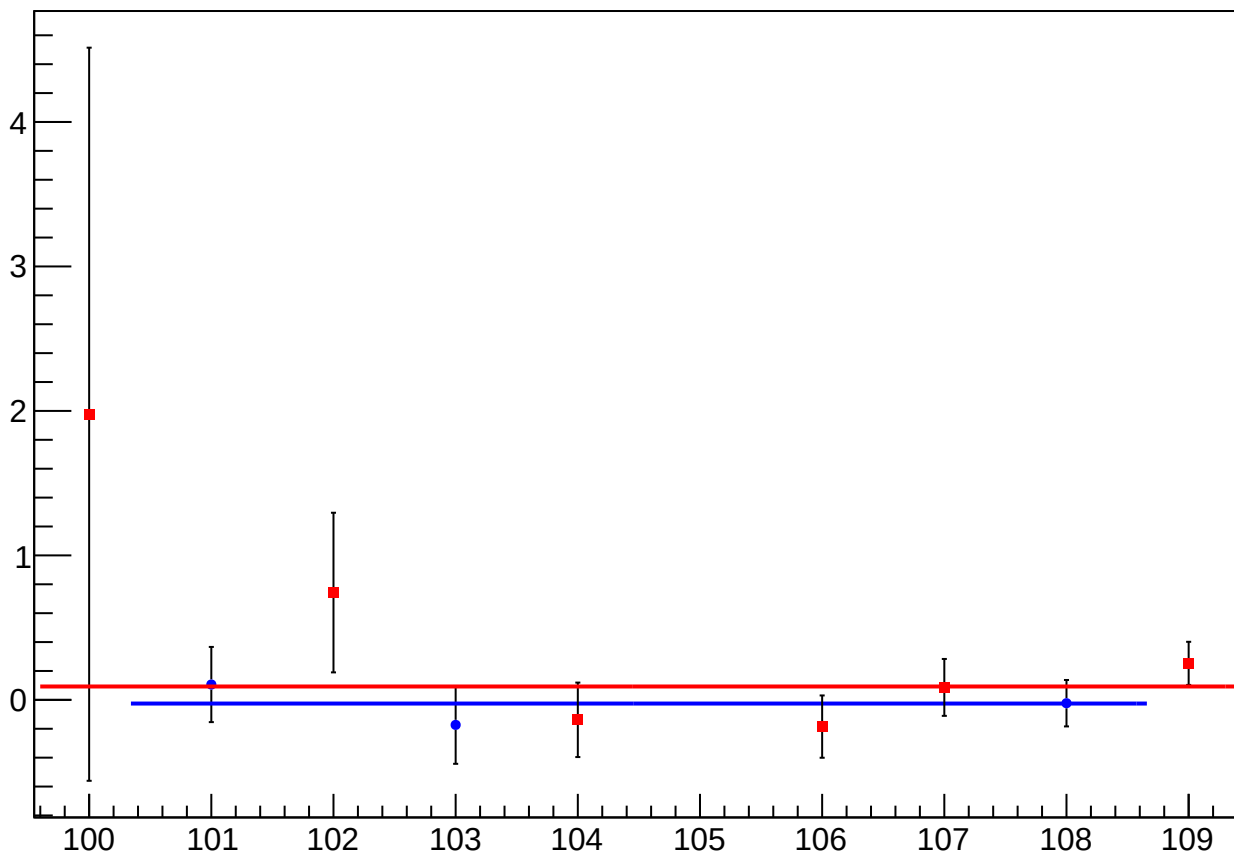
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.724+/-0.053 χ^2/NDF : 942171.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

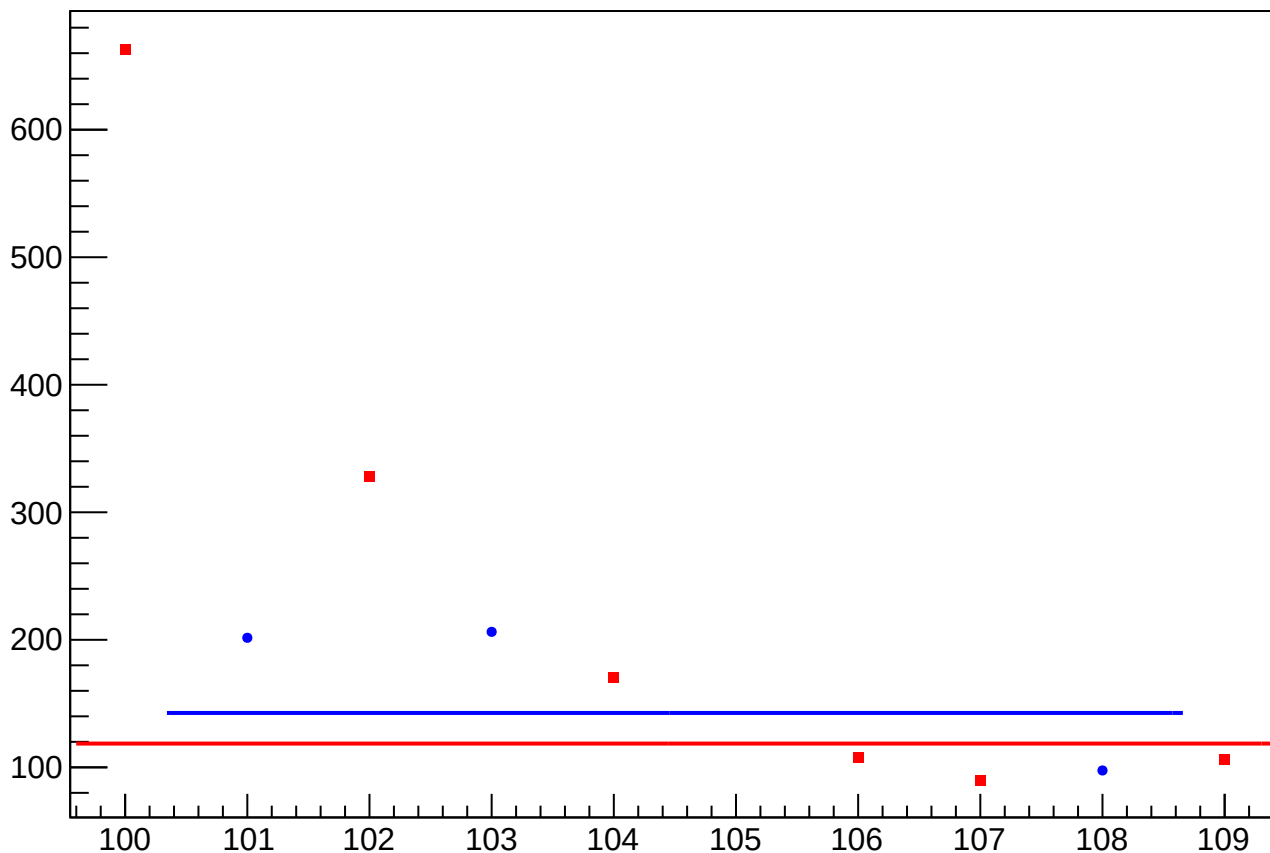
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.075 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

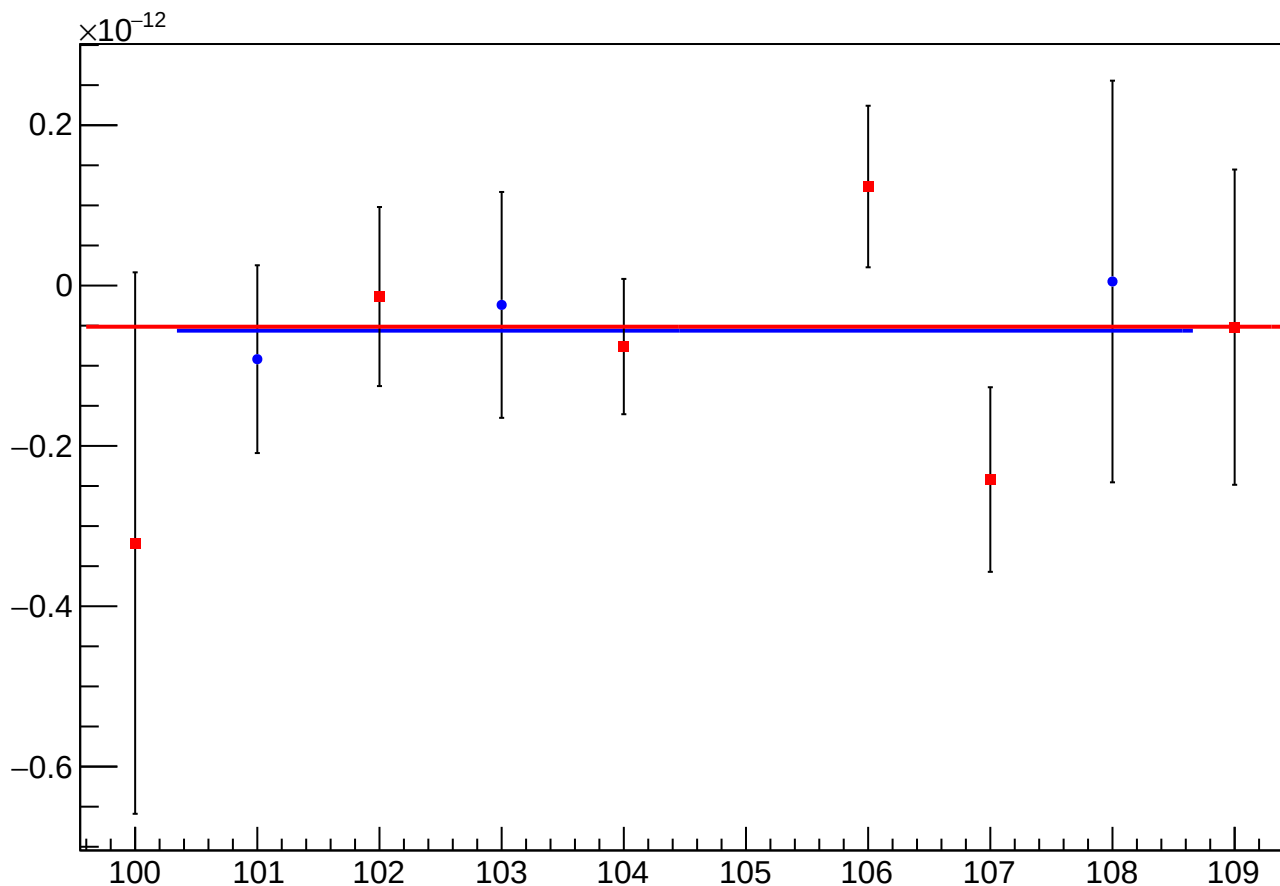
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.724+/-0.053 χ^2/NDF : 942171.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.6/5

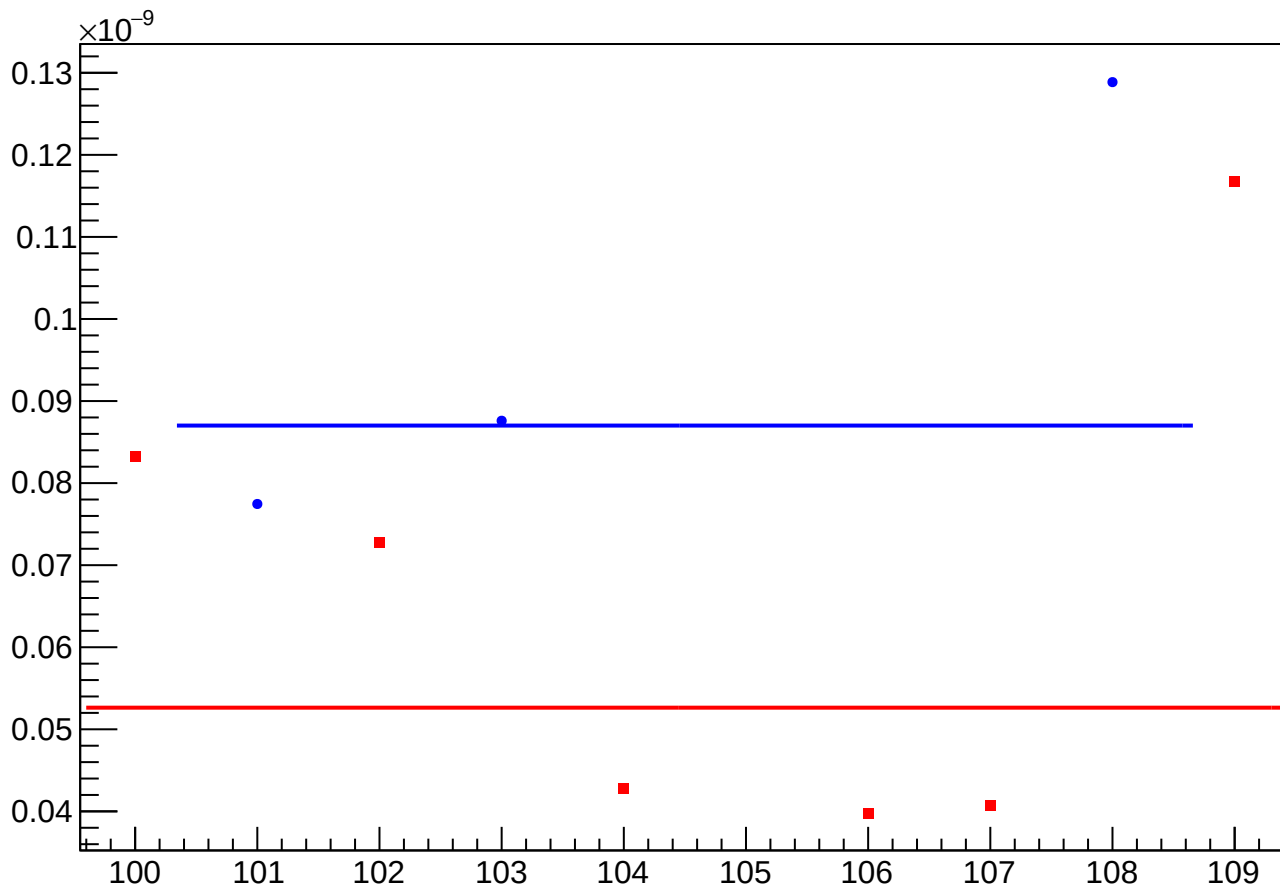
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 69167.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 375436.8/5

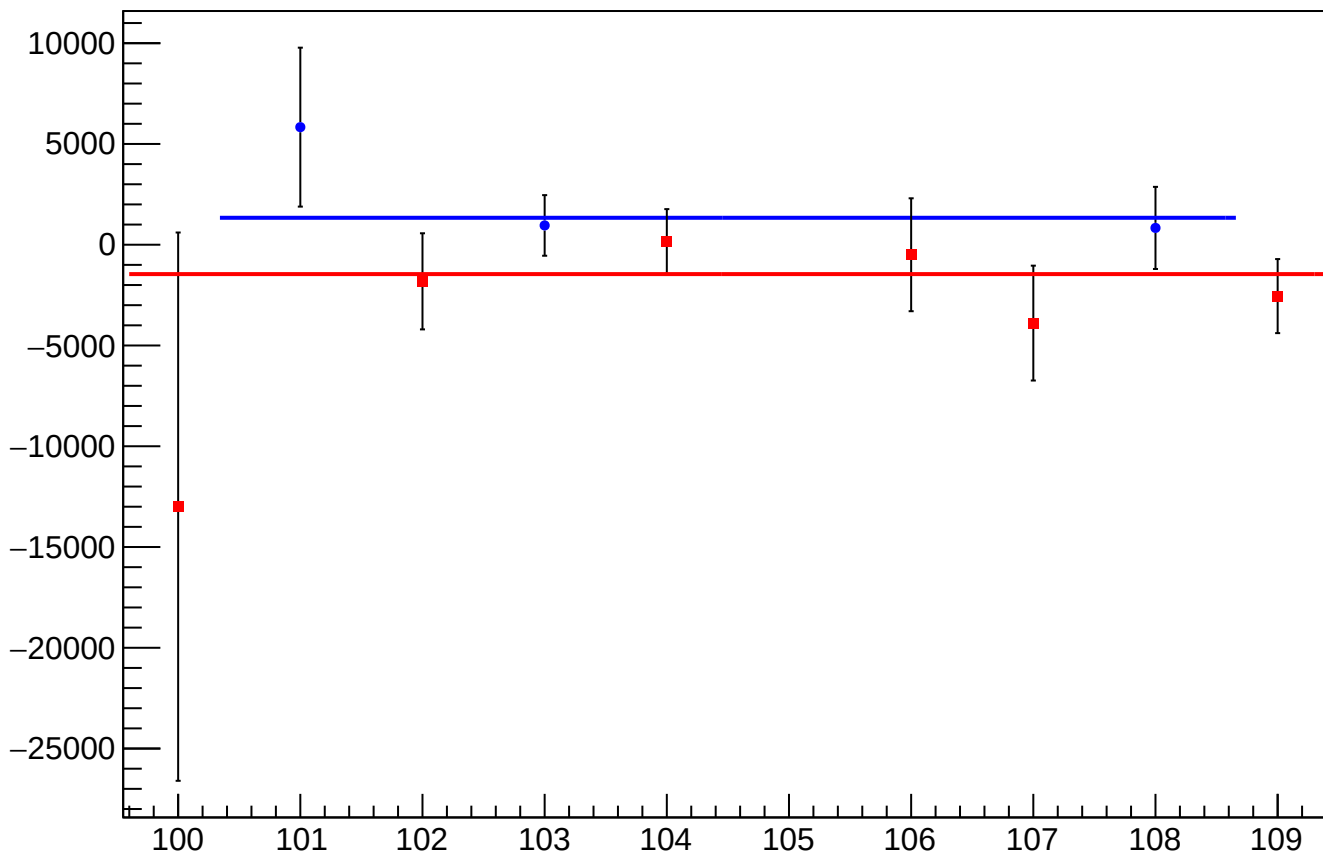
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 693055.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1337.047 $\pm$ 1156.639 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1457.472 $\pm$ 946.984 χ^2 /NDF: 3.0/5

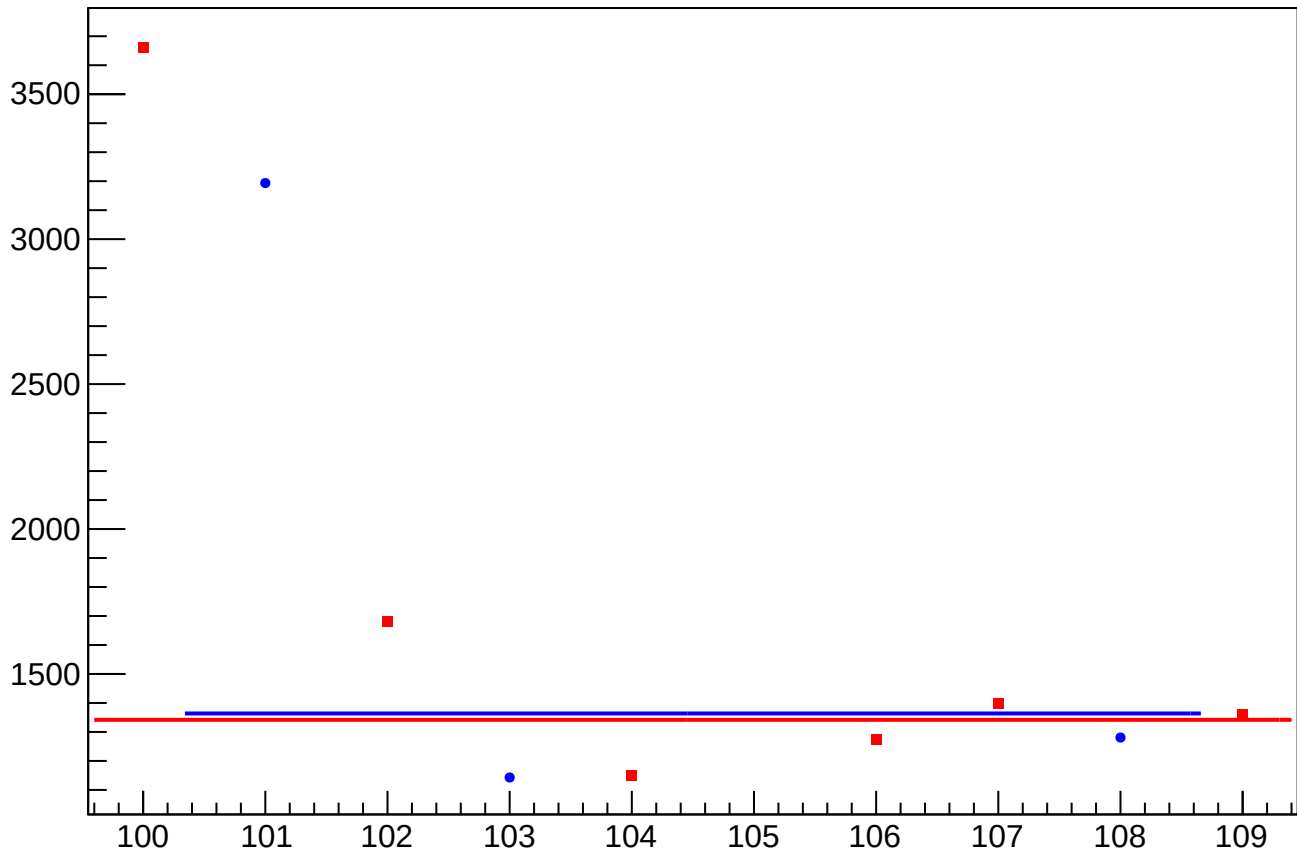
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -335.986 $\pm$ 732.725 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1363.741 $\pm$ 0.818 χ^2 /NDF: 477079.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1341.834 $\pm$ 0.663 χ^2 /NDF: 129208.7/5

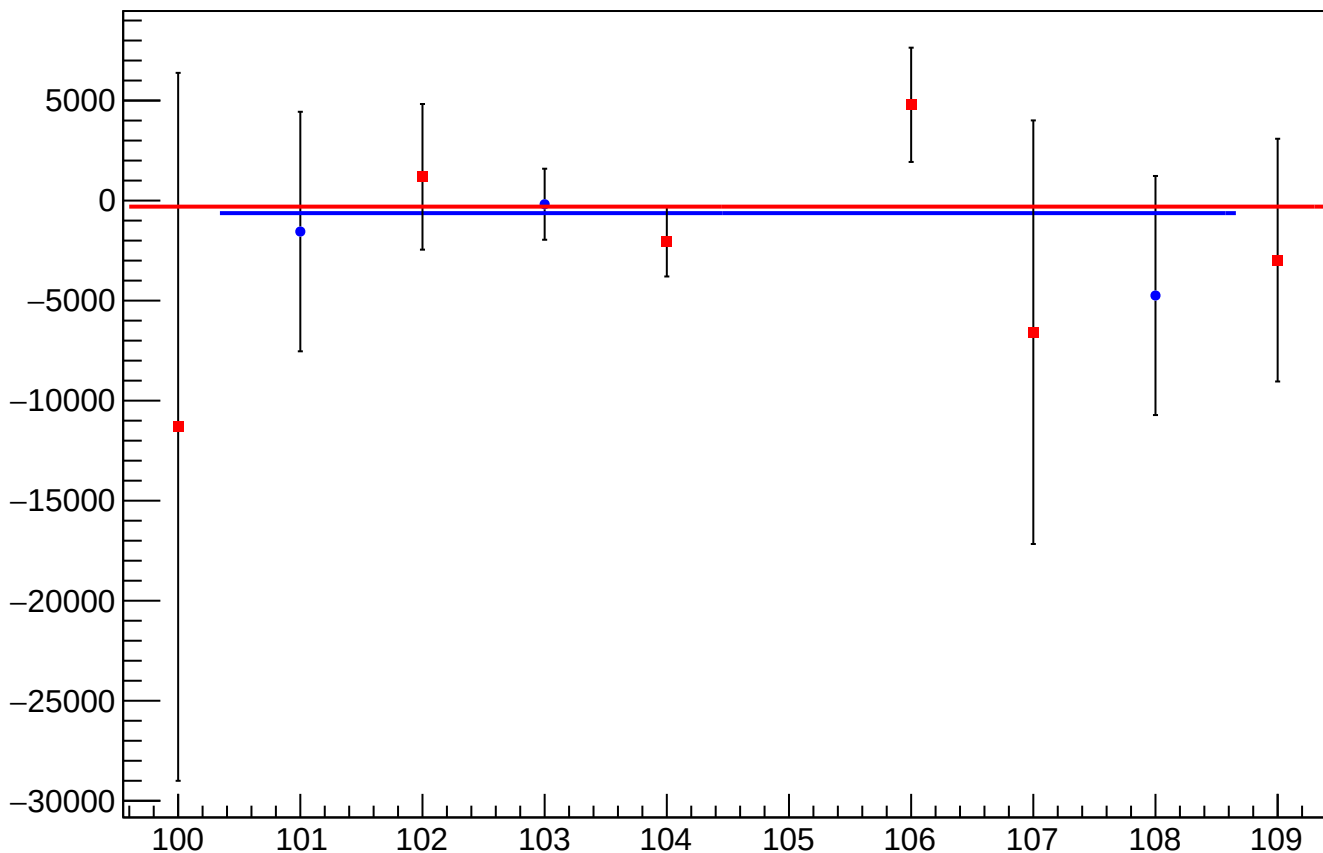
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1350.522 $\pm$ 0.515 χ^2 /NDF: 606720.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug



Right In: -627.201+/-1636.925 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -302.271+/-1329.956 χ^2/NDF : 5.3/5

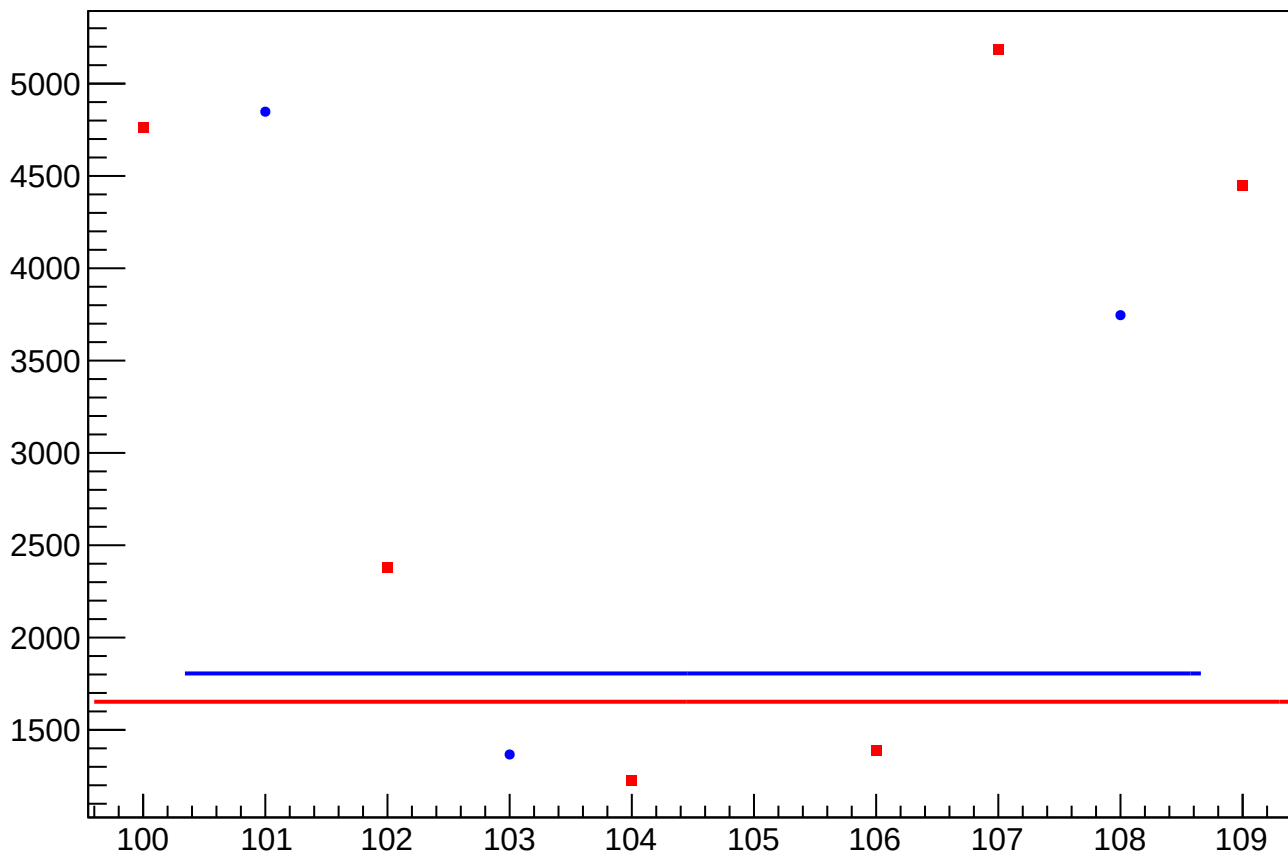
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -431.473+/-1032.212 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug



Right In: 1805.660+/-1.157 χ^2/NDF : 849781.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1652.443+/-0.940 χ^2/NDF : 926003.9/5

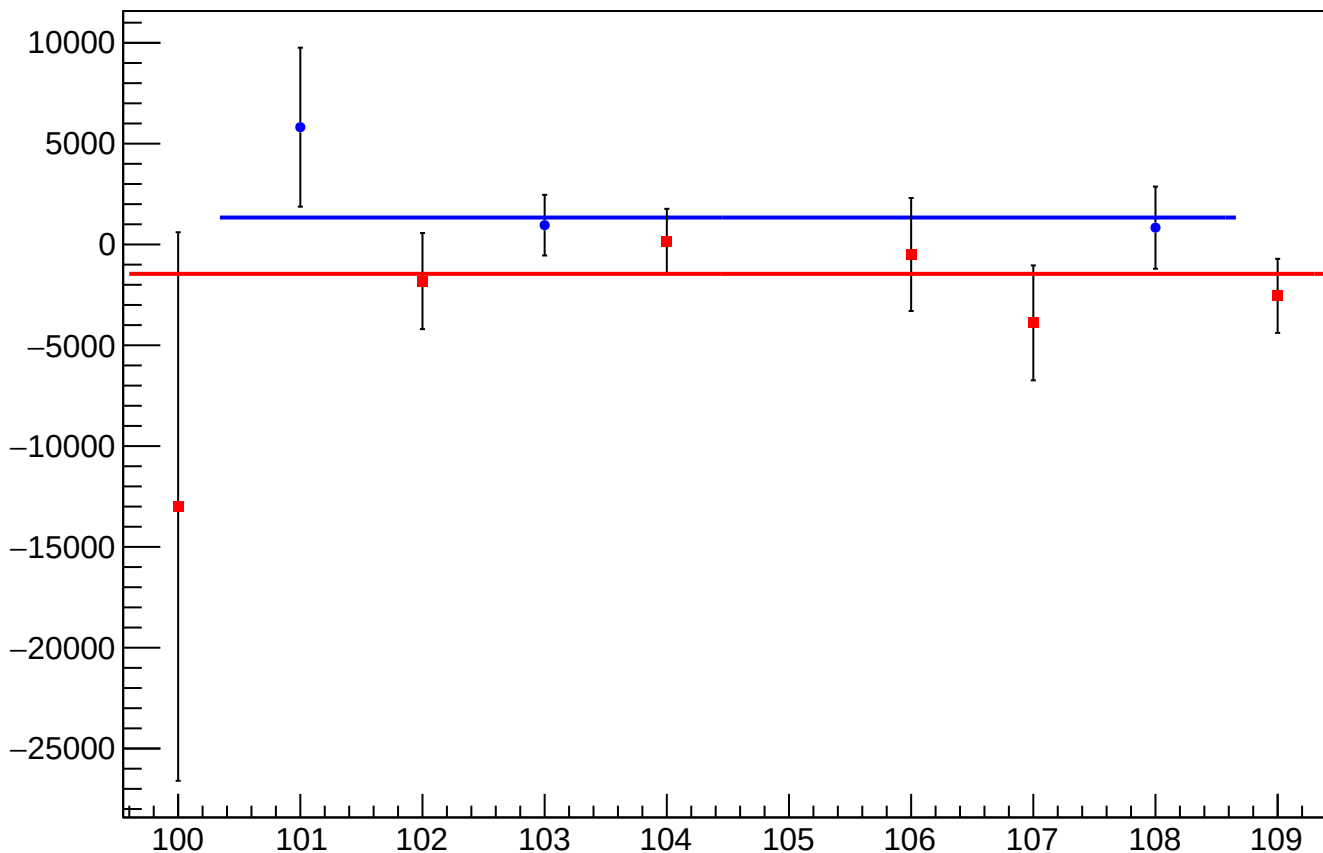
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1713.367+/-0.730 χ^2/NDF : 1786339.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1335.704 $\pm$ 1156.640 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1457.181 $\pm$ 946.984 χ^2 /NDF: 3.0/5

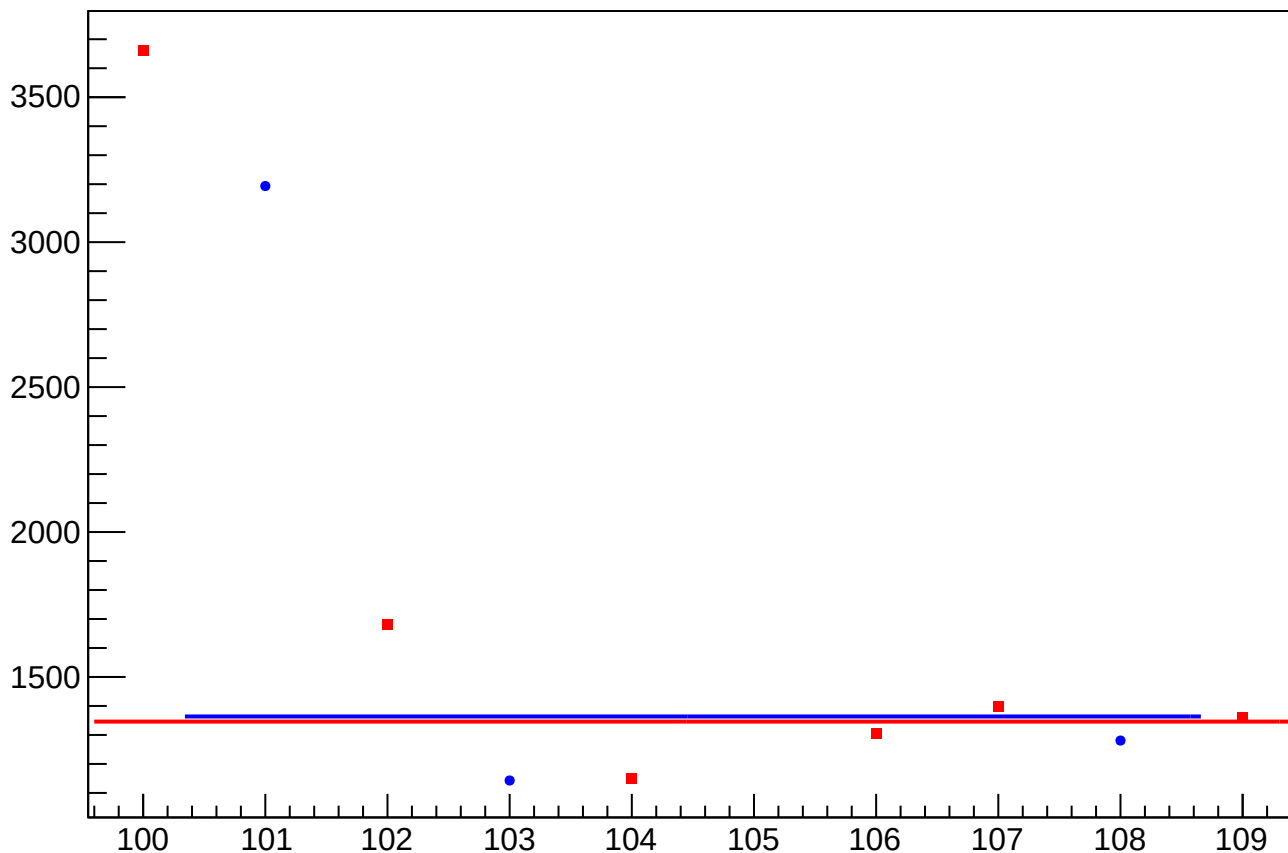
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -336.352 $\pm$ 732.726 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1363.740 $\pm$ 0.818 χ^2 /NDF: 477080.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1346.079 $\pm$ 0.665 χ^2 /NDF: 128197.5/5

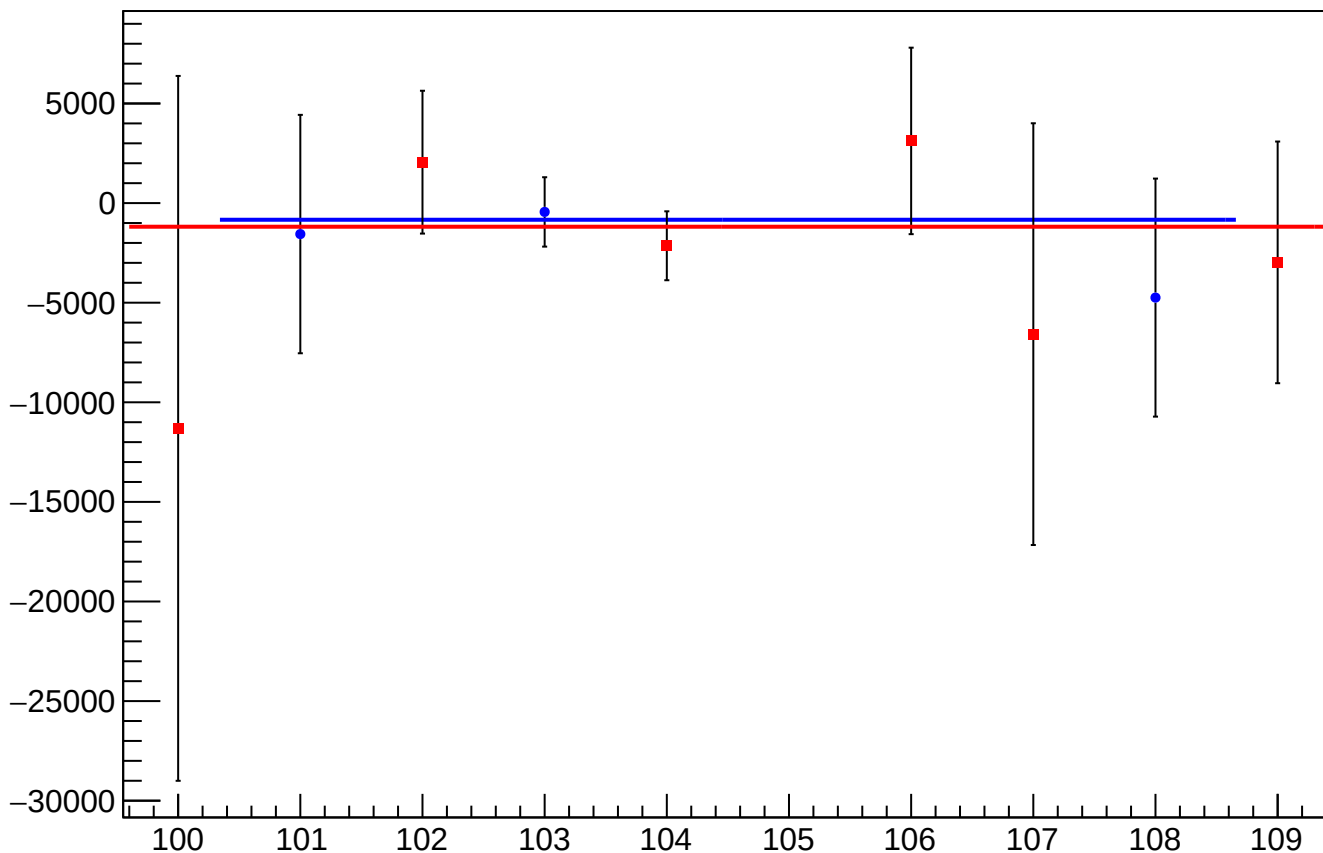
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1353.108 $\pm$ 0.516 χ^2 /NDF: 605559.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug



Right In: -836.218+/-1610.282 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1185.984+/-1418.598 χ^2/NDF : 2.6/5

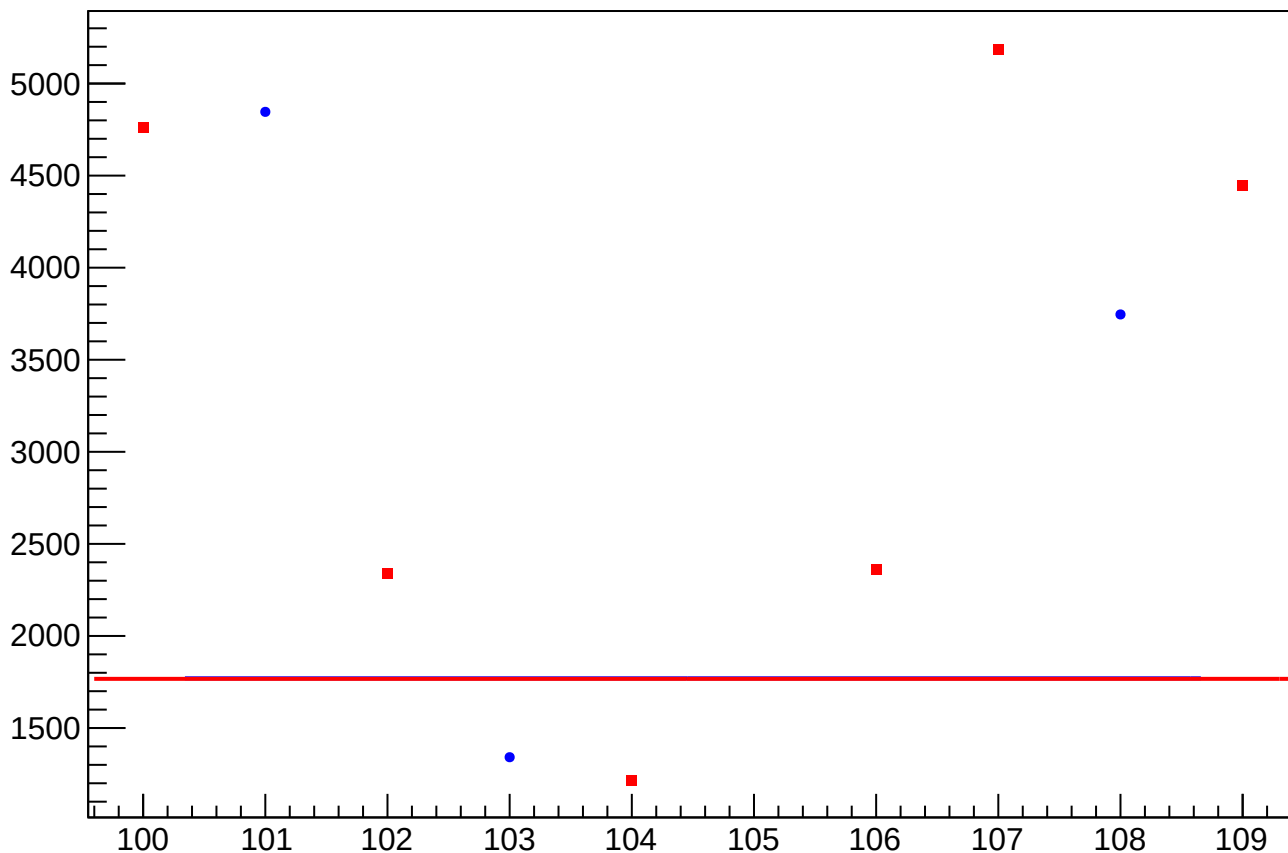
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1033.148+/-1064.452 χ^2/NDF : 3.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug



Right In: 1769.941+/-1.139 χ^2/NDF : 868390.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1767.051+/-1.003 χ^2/NDF : 943926.6/5

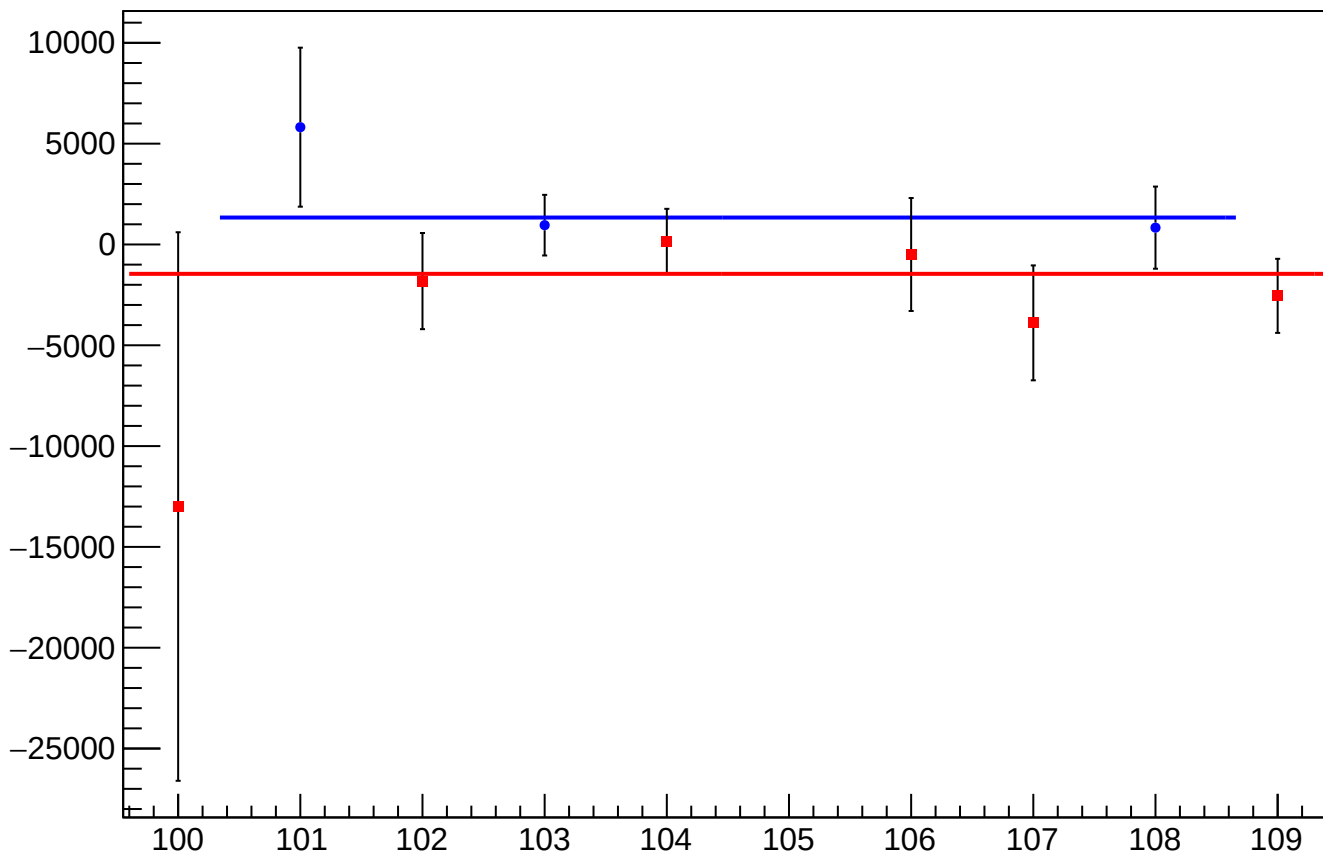
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1768.314+/-0.753 χ^2/NDF : 1812320.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1335.704 $\pm$ 1156.640 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1457.181 $\pm$ 946.984 χ^2 /NDF: 3.0/5

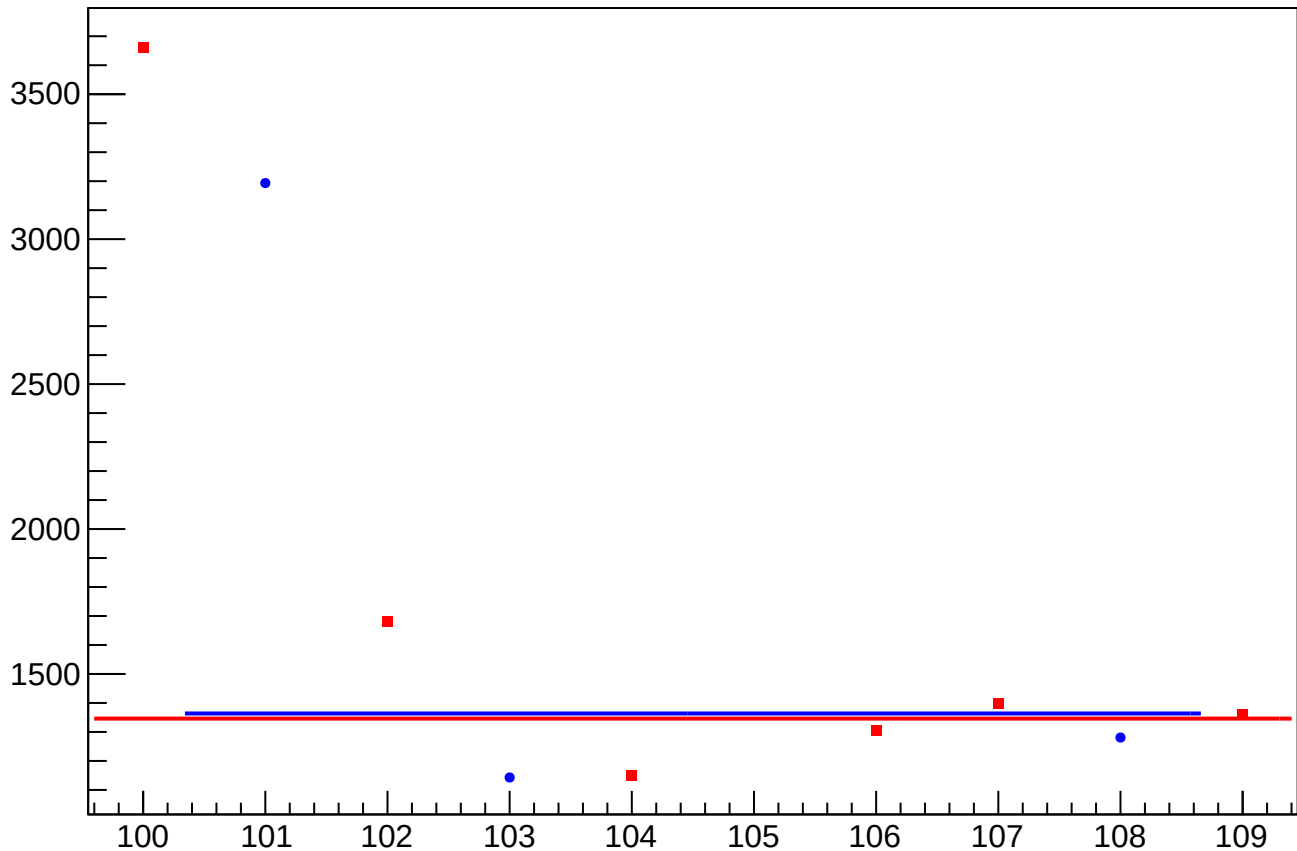
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -336.352 $\pm$ 732.726 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1363.740 $\pm$ 0.818 χ^2 /NDF: 477080.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1346.079 $\pm$ 0.665 χ^2 /NDF: 128197.5/5

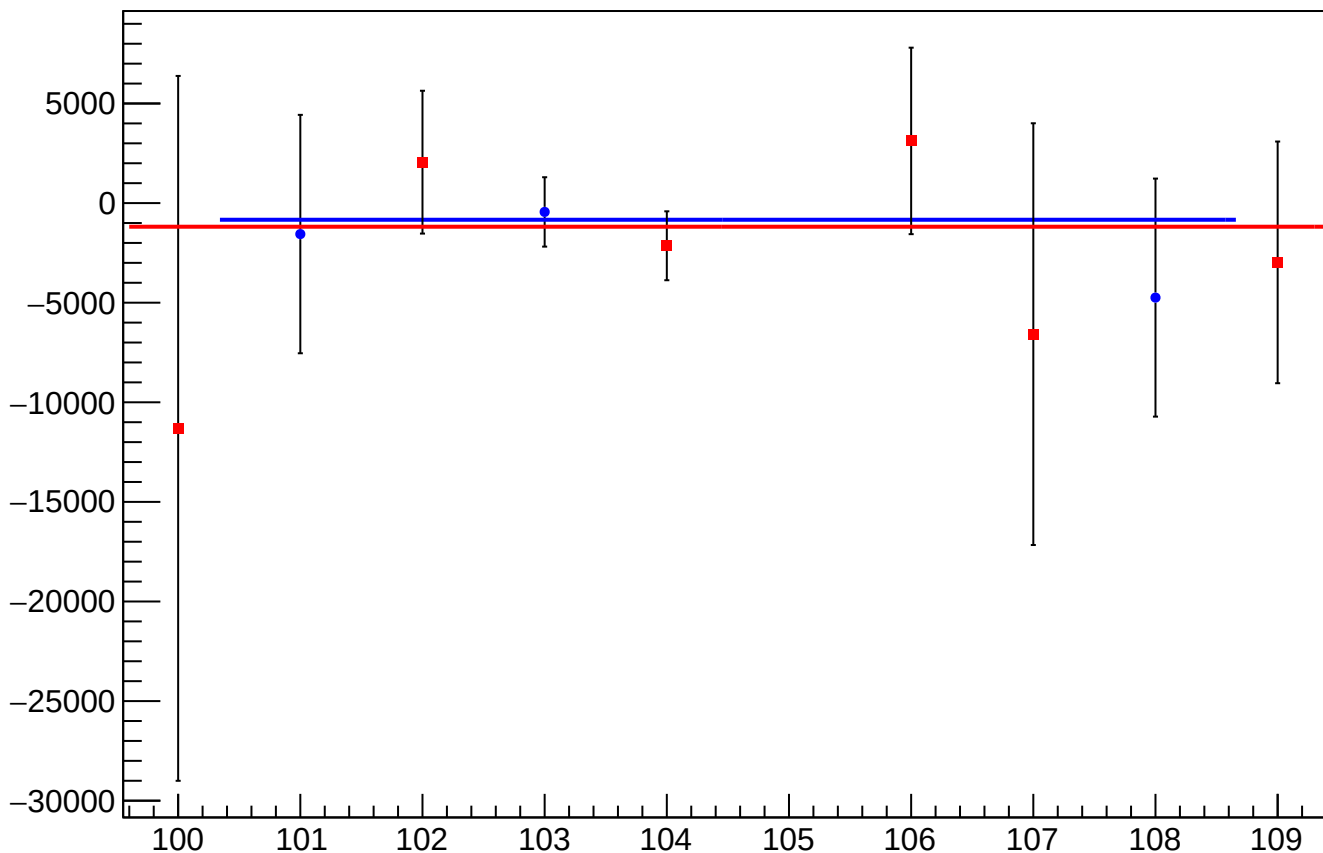
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1353.108 $\pm$ 0.516 χ^2 /NDF: 605559.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -836.218+/-1610.282 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1185.984+/-1418.598 χ^2/NDF : 2.6/5

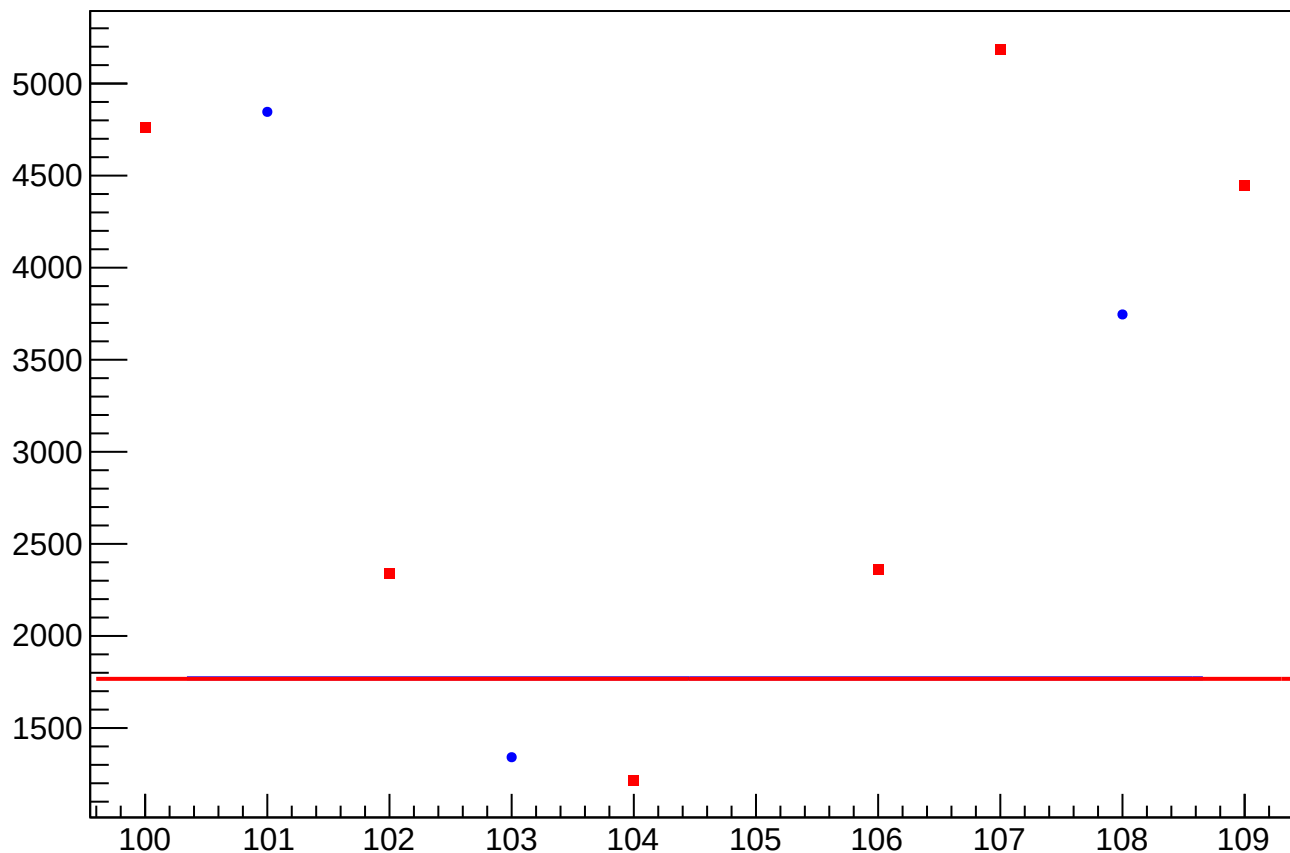
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1033.148+/-1064.452 χ^2/NDF : 3.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 1769.941 $\pm$ 1.139 χ^2 /NDF: 868390.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1767.051 $\pm$ 1.003 χ^2 /NDF: 943926.6/5

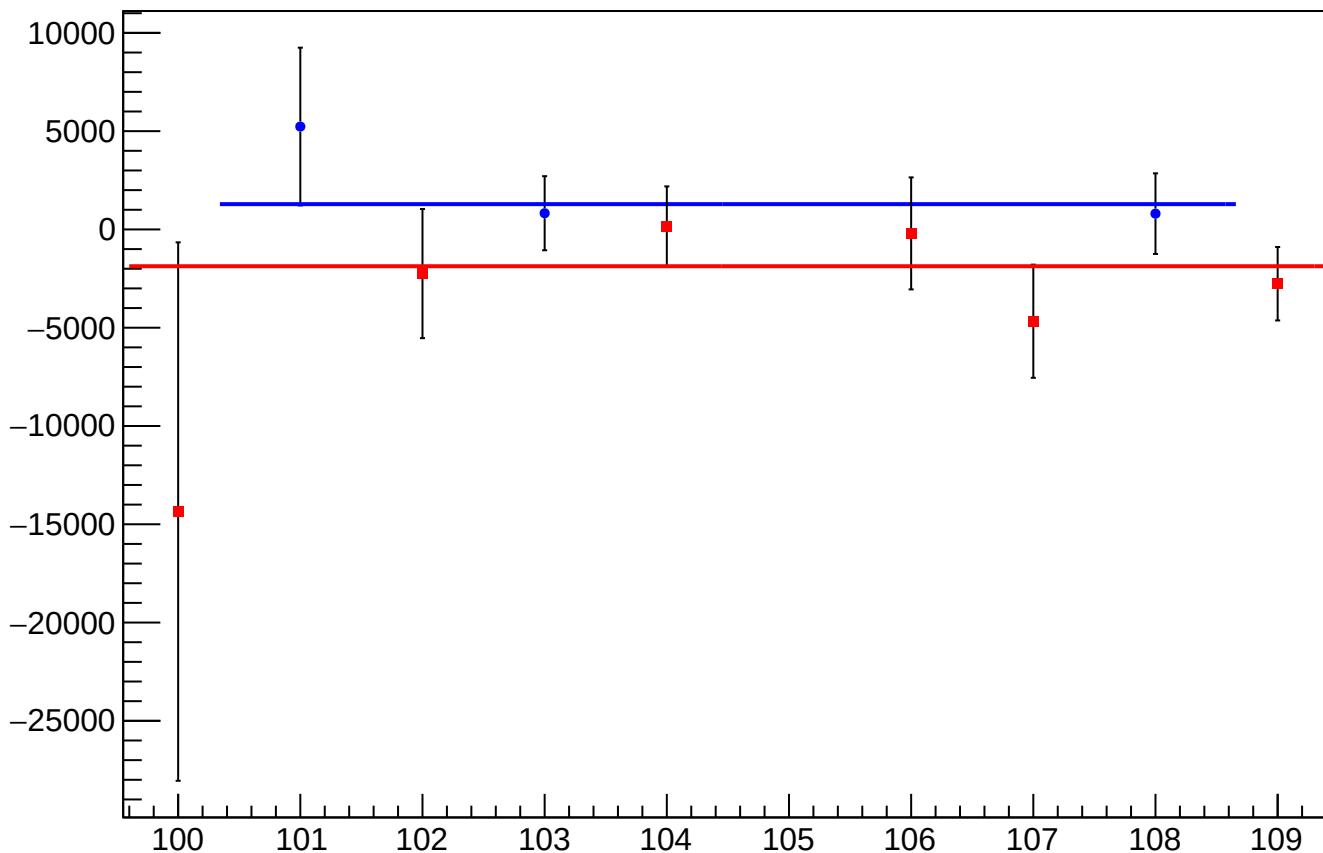
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1768.314 $\pm$ 0.753 χ^2 /NDF: 1812320.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1286.805 $\pm$ 1311.598 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1871.766 $\pm$ 1072.482 χ^2 /NDF: 3.3/5

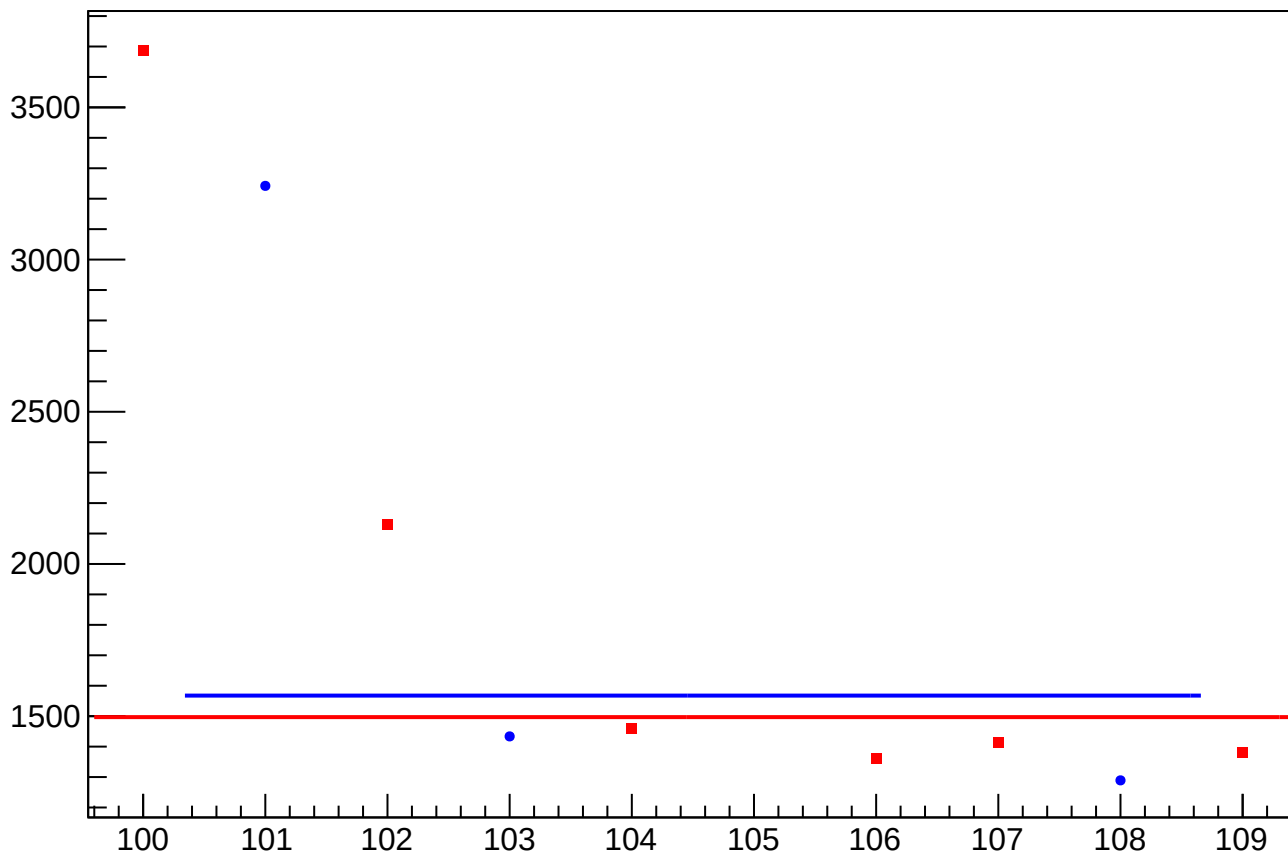
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -606.121 $\pm$ 830.255 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1567.605 $\pm$ 0.927 χ^2 /NDF: 395089.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1496.899 $\pm$ 0.756 χ^2 /NDF: 140711.1/5

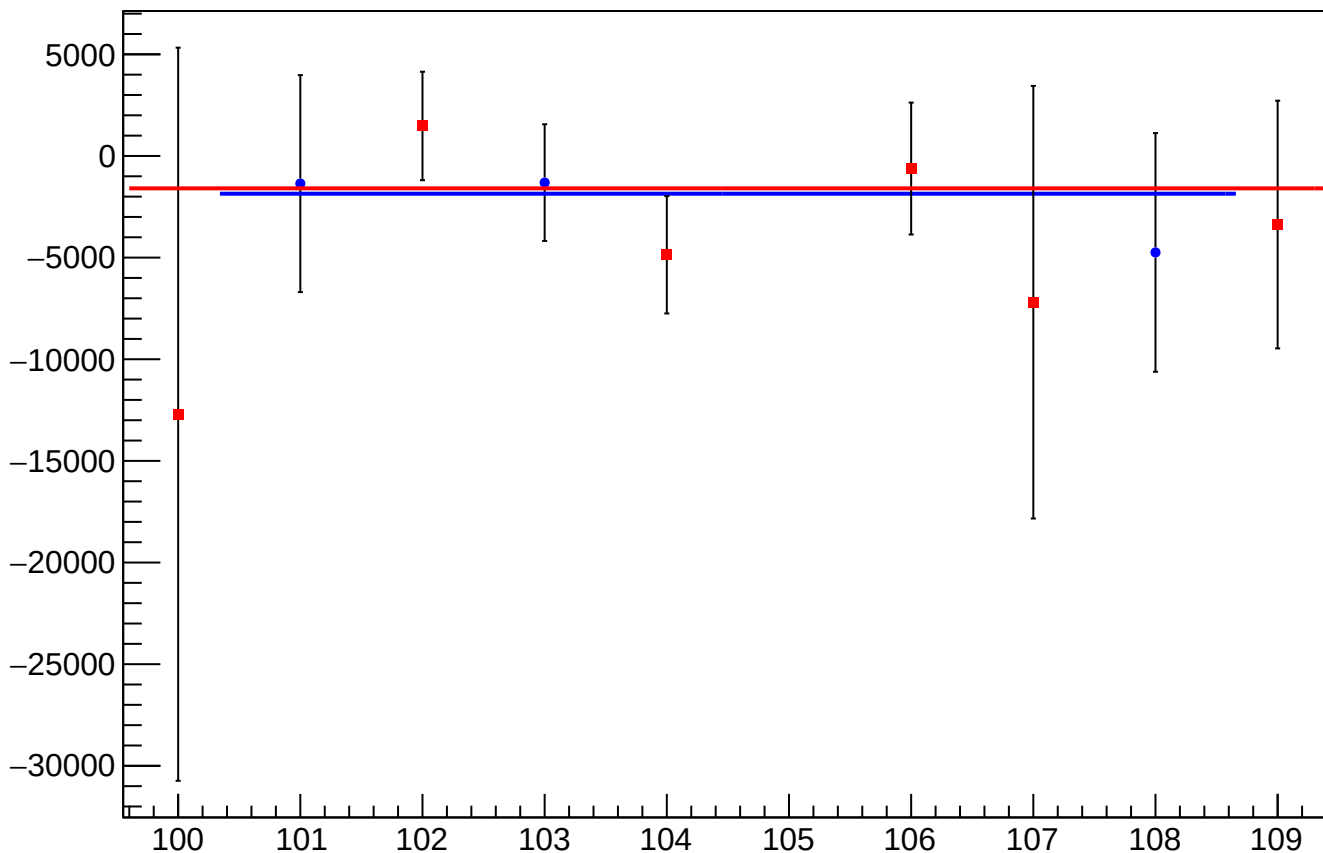
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1525.136 $\pm$ 0.586 χ^2 /NDF: 539291.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug



Right In: -1856.652+/-2321.279 χ^2 /NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1593.534+/-1592.435 χ^2 /NDF: 3.4/5

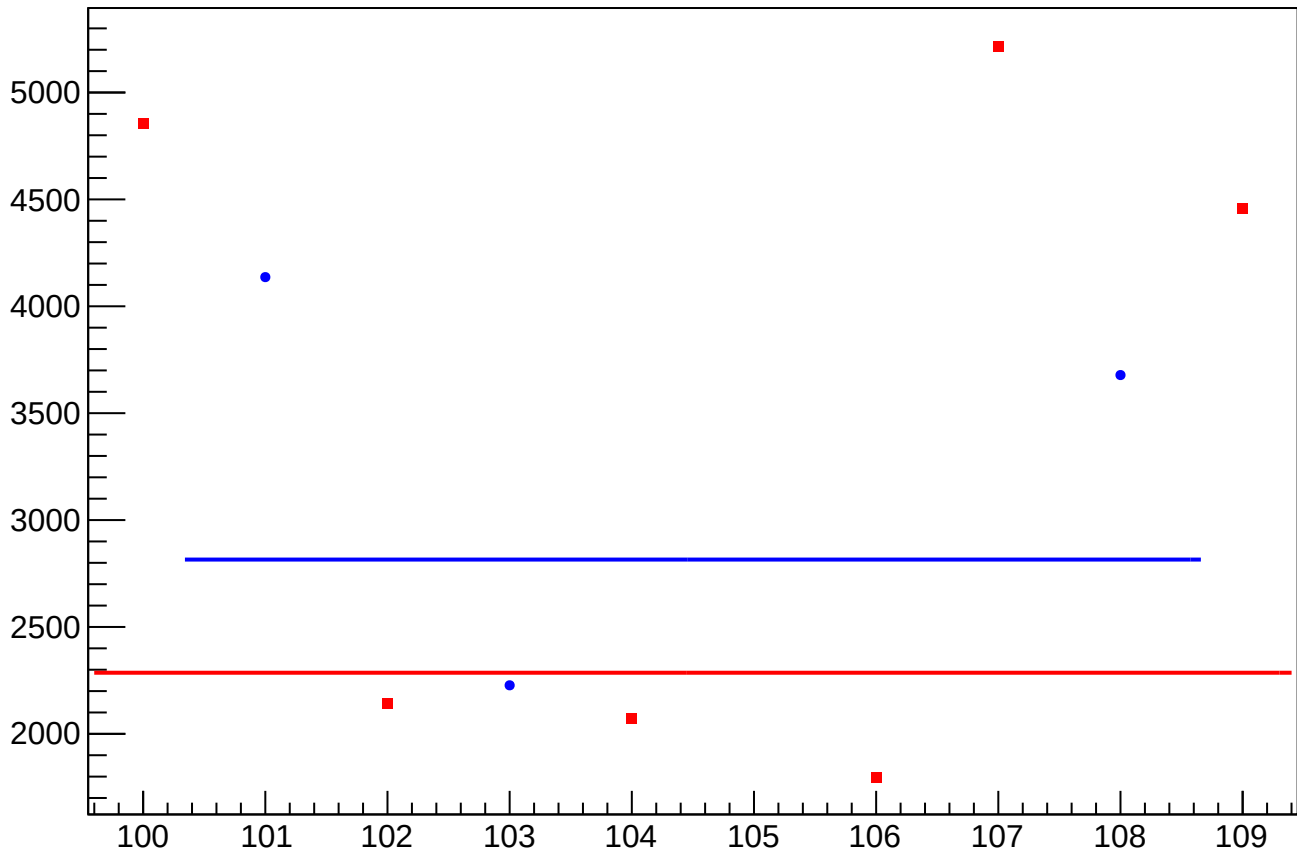
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1677.736+/-1313.142 χ^2 /NDF: 3.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug



Right In: 2815.251+/-1.641 χ^2/NDF : 249846.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

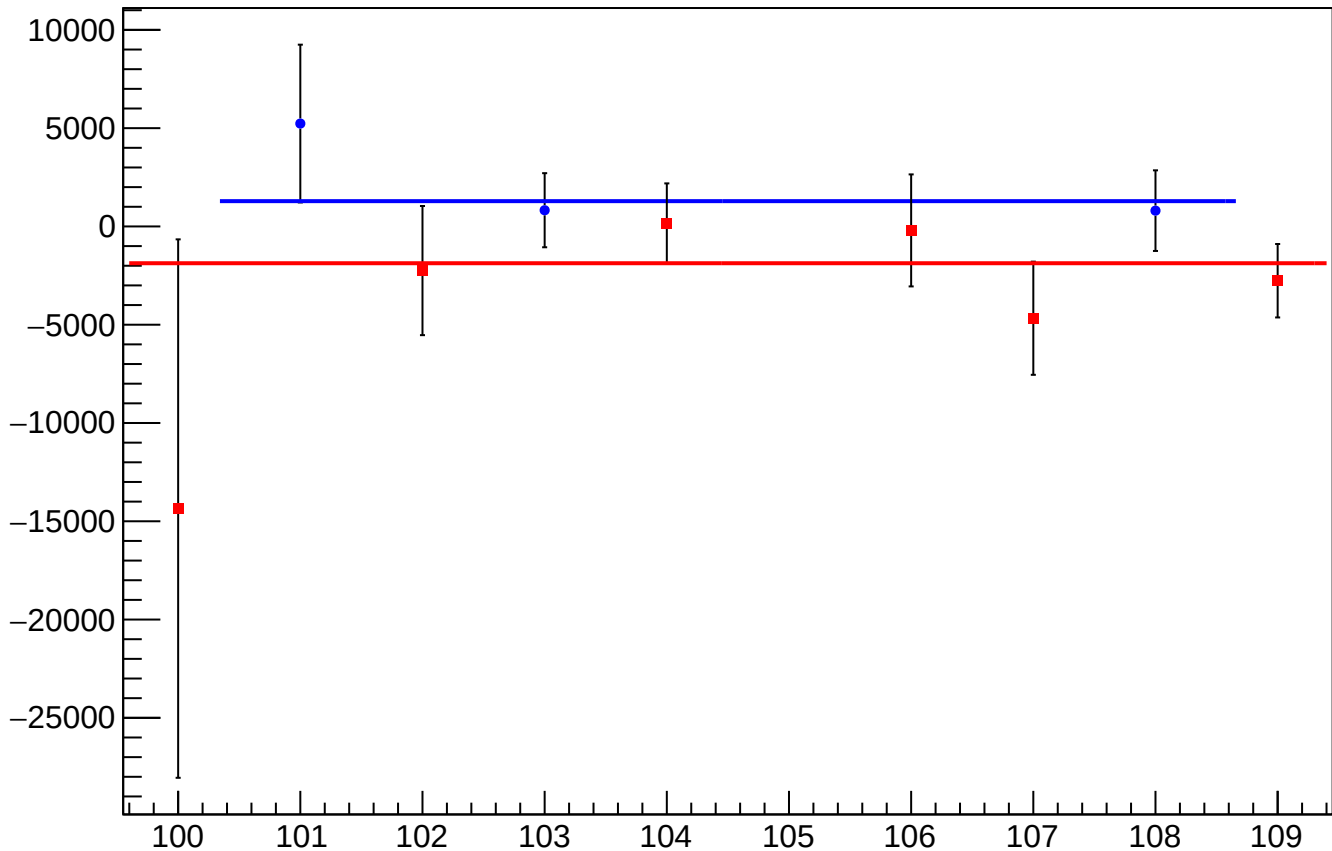
Right Out: 2285.905+/-1.126 χ^2/NDF : 508098.2/5

All: 2455.303+/-0.929 χ^2/NDF : 828666.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 1286.805 $\pm$ 1311.597 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1871.759 $\pm$ 1072.481 χ^2 /NDF: 3.3/5

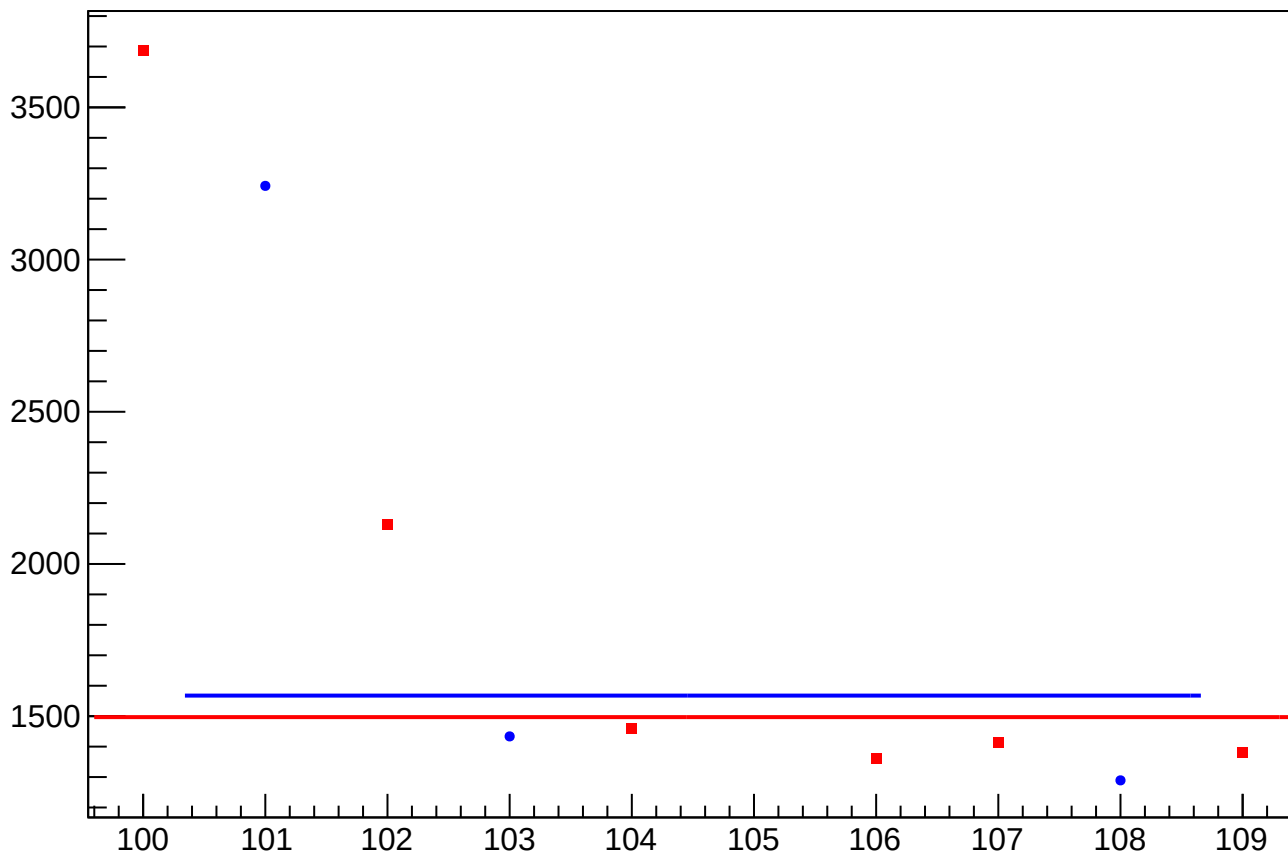
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -606.117 $\pm$ 830.254 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1567.604 $\pm$ 0.927 χ^2 /NDF: 395089.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1496.898 $\pm$ 0.756 χ^2 /NDF: 140710.4/5

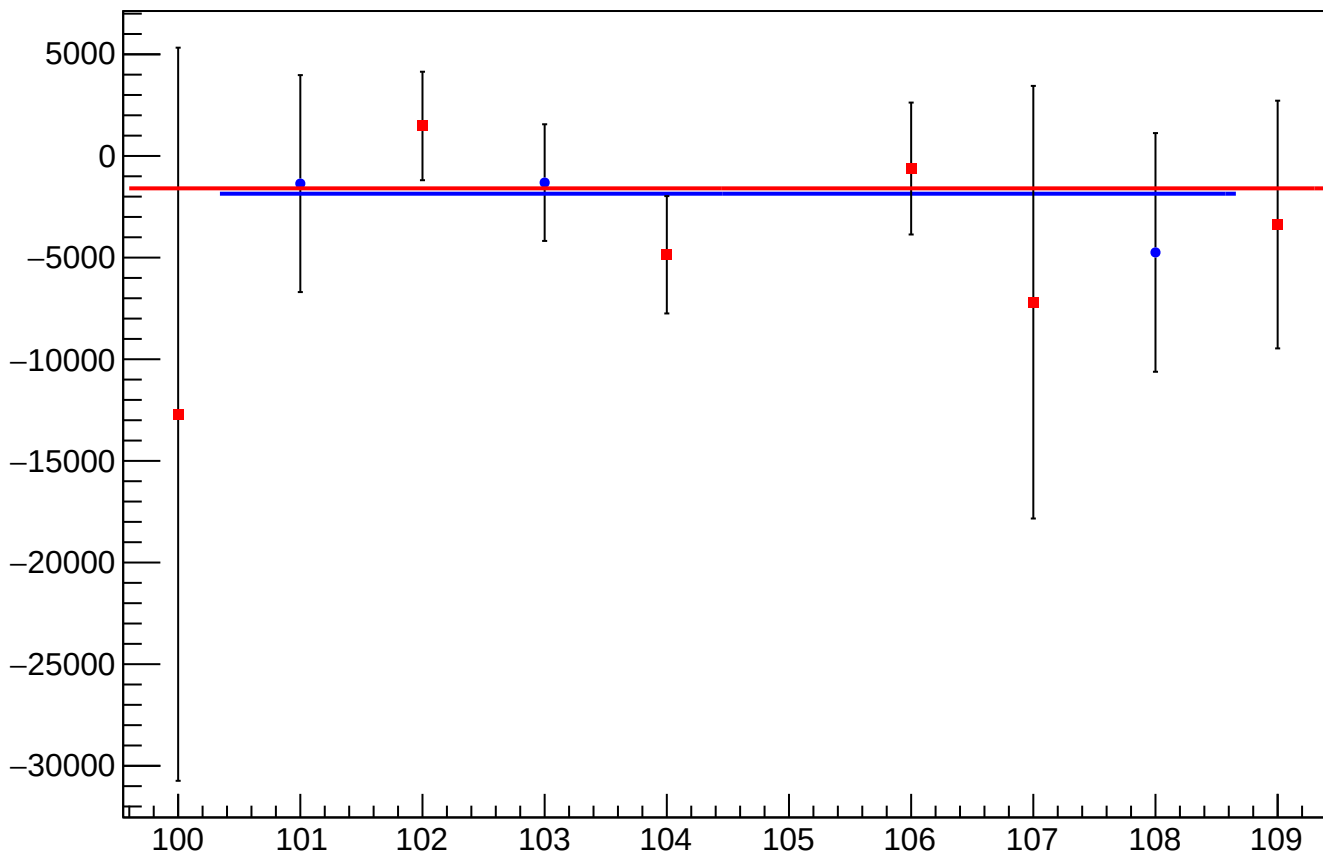
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1525.135 $\pm$ 0.586 χ^2 /NDF: 539290.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -1856.653 $\pm$ 2321.275 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1593.532 $\pm$ 1592.431 χ^2 /NDF: 3.4/5

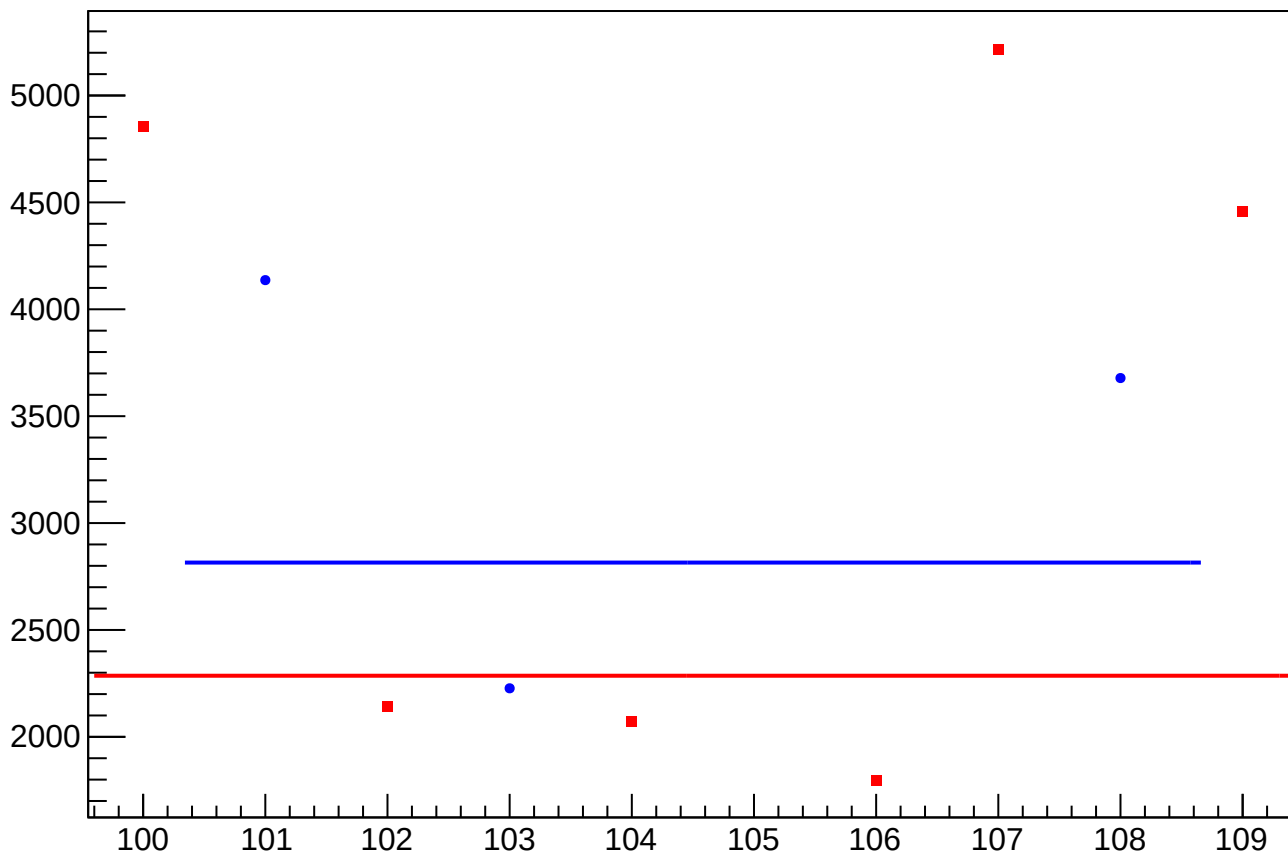
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1677.734 $\pm$ 1313.139 χ^2 /NDF: 3.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 2815.245+/-1.641 χ^2/NDF : 249846.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.899+/-1.126 χ^2/NDF : 508099.6/5

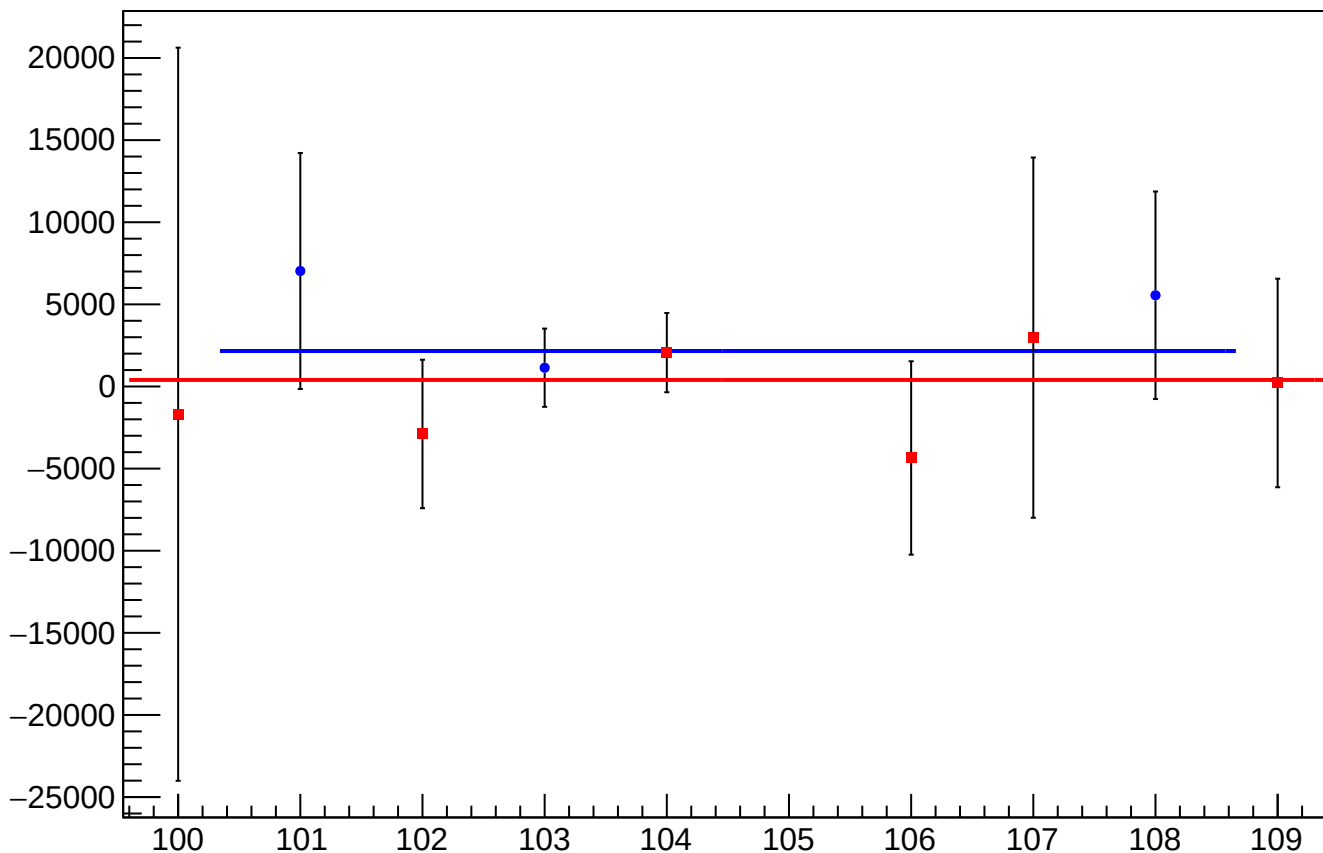
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2455.297+/-0.929 χ^2/NDF : 828668.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2160.099+/-2128.285 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 398.915+/-1874.144 χ^2/NDF : 1.7/5

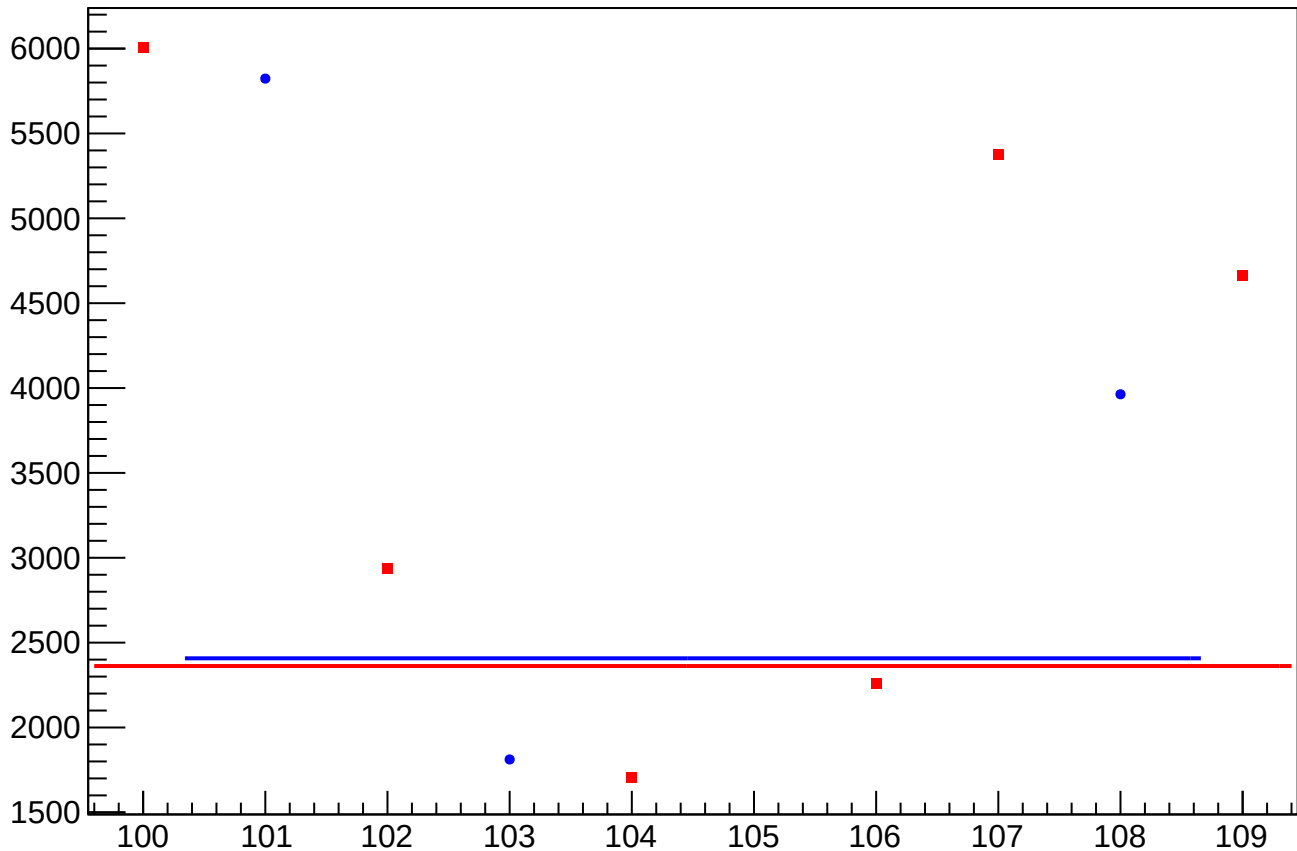
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1168.127+/-1406.534 χ^2/NDF : 3.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 2407.662 $\pm$ 1.505 χ^2 /NDF: 698244.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2362.241 $\pm$ 1.290 χ^2 /NDF: 647969.9/5

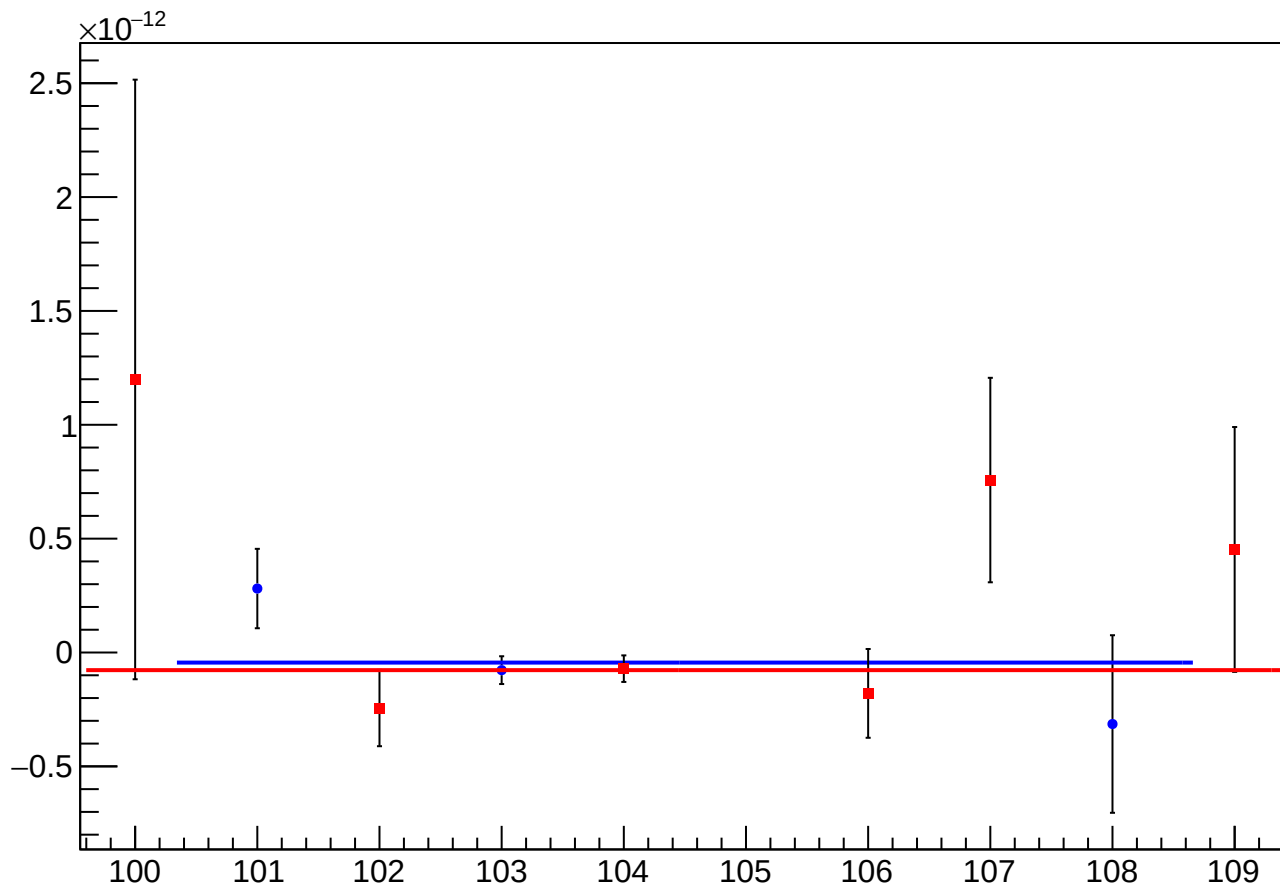
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2381.485 $\pm$ 0.980 χ^2 /NDF: 1346739.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/5

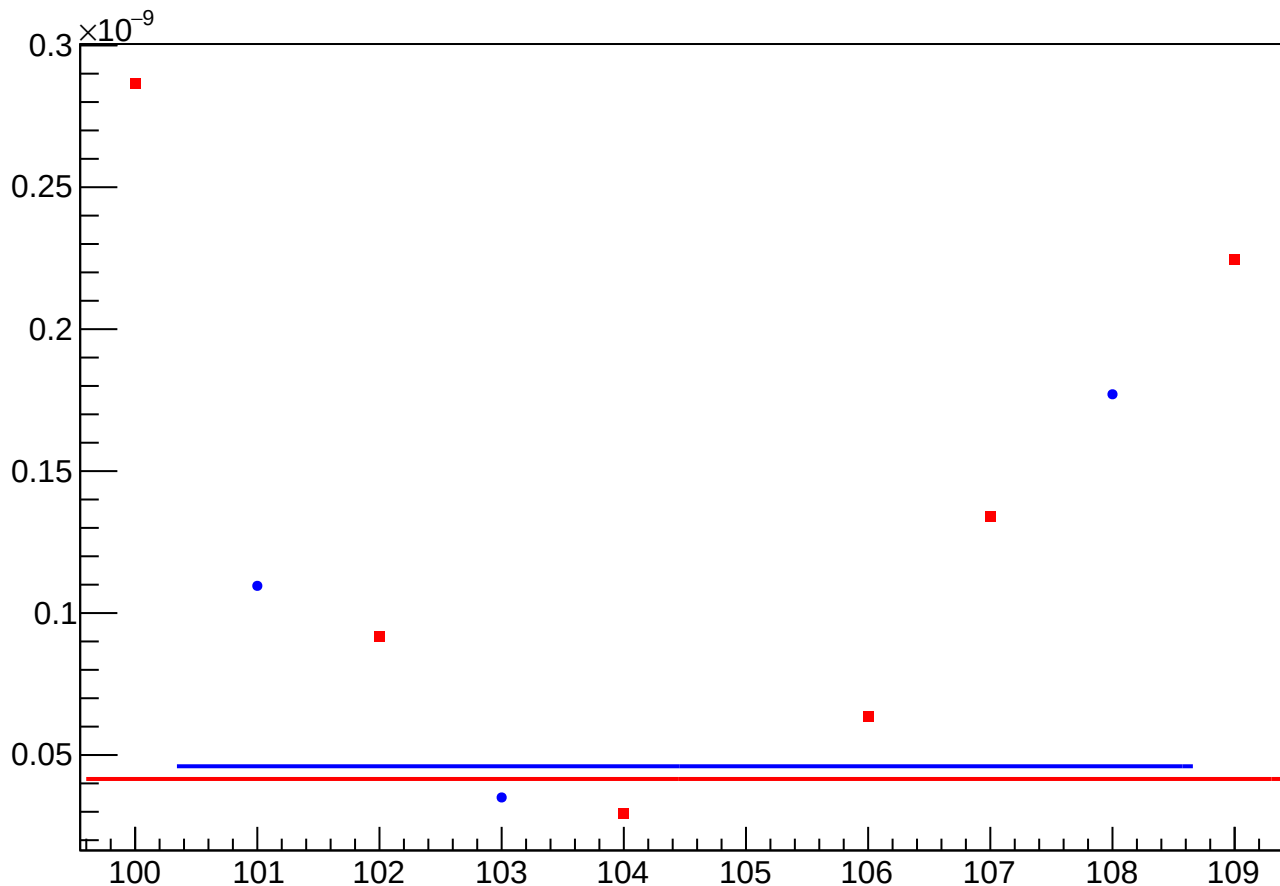
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 556441.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 677461.9/5

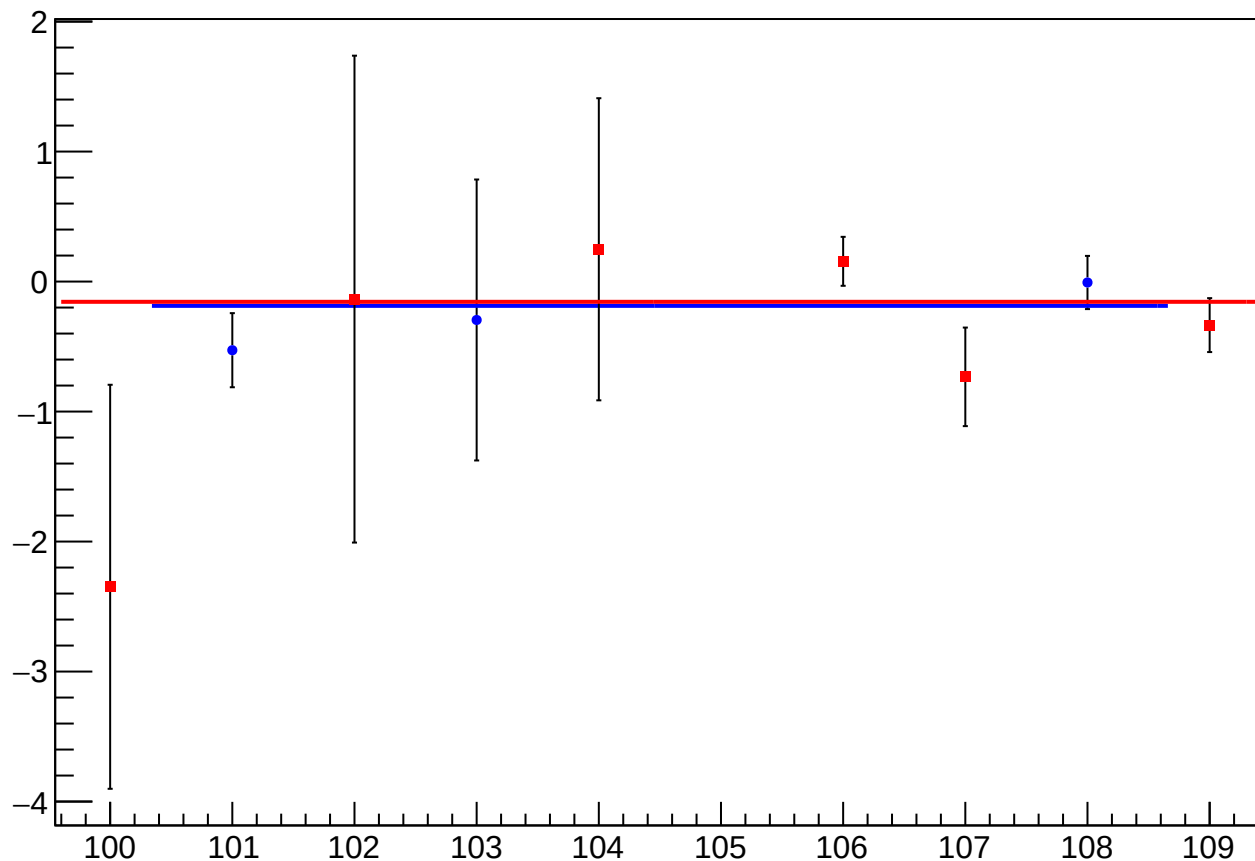
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1240596.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.187 $\pm$ 0.164 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.156 $\pm$ 0.129 χ^2 /NDF: 7.9/5

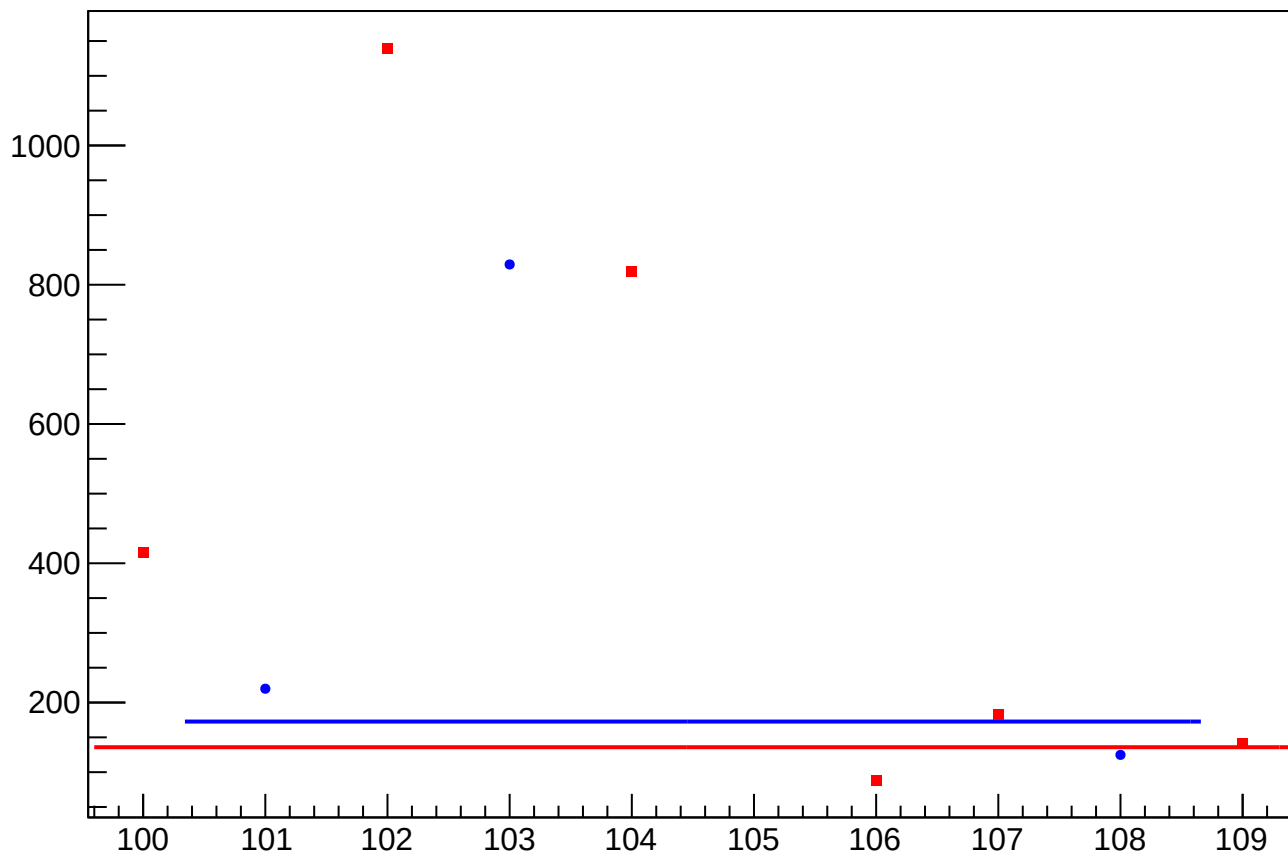
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.168 $\pm$ 0.102 χ^2 /NDF: 10.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 172.684+/-0.116 χ^2/NDF : 902091.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.845+/-0.091 χ^2/NDF : 1492282.5/5

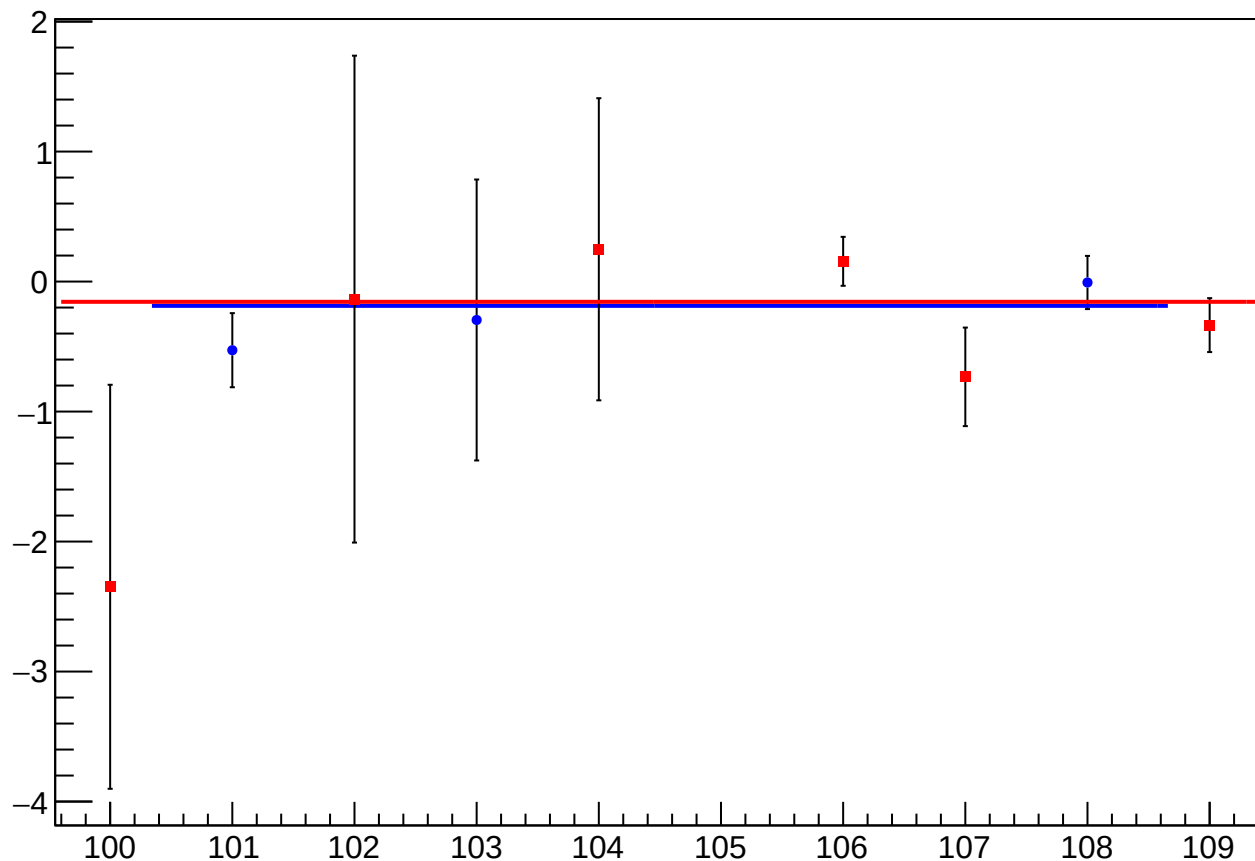
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.929+/-0.072 χ^2/NDF : 2456490.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.187 ± 0.164 χ^2/NDF : 2.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.156 ± 0.129 χ^2/NDF : 7.9/5

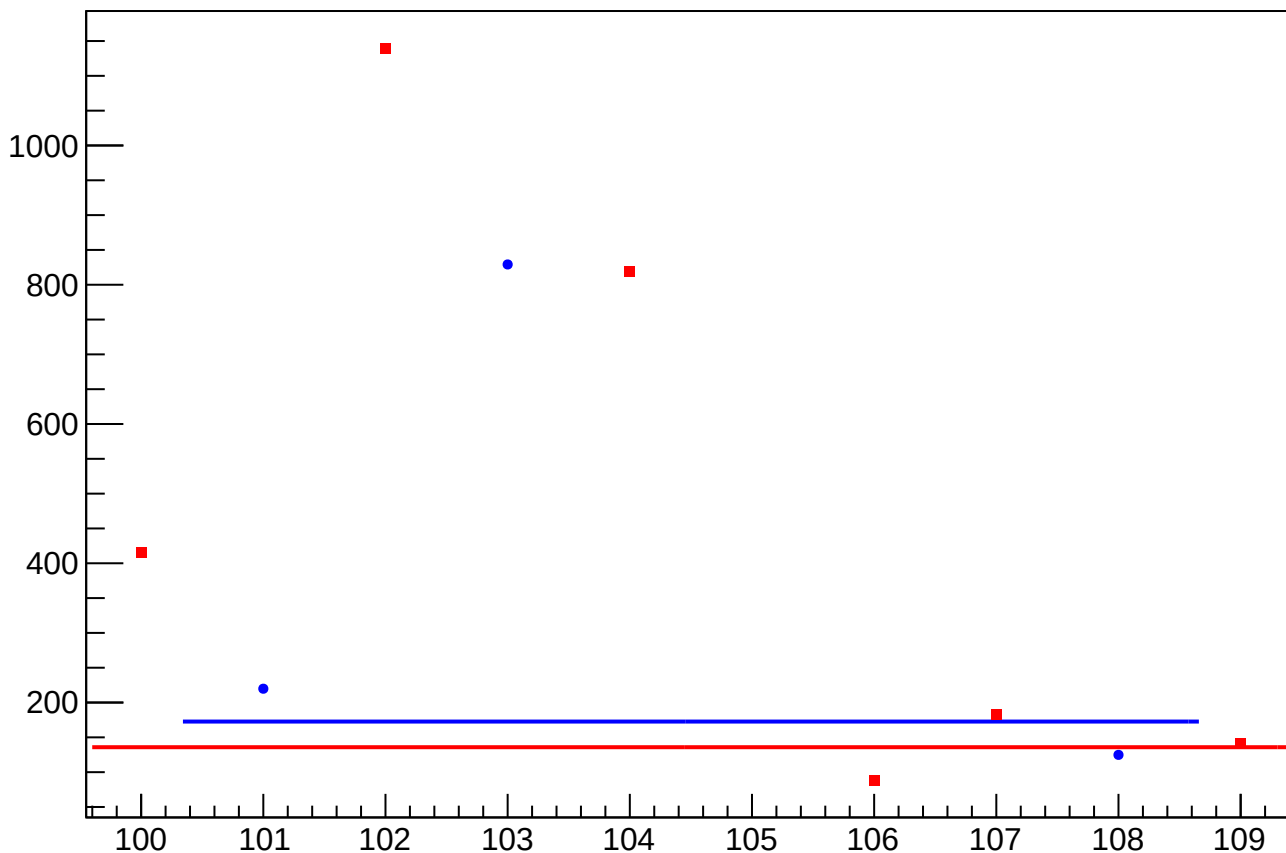
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.168 ± 0.102 χ^2/NDF : 10.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 172.684+/-0.116 χ^2/NDF : 902091.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.845+/-0.091 χ^2/NDF : 1492282.5/5

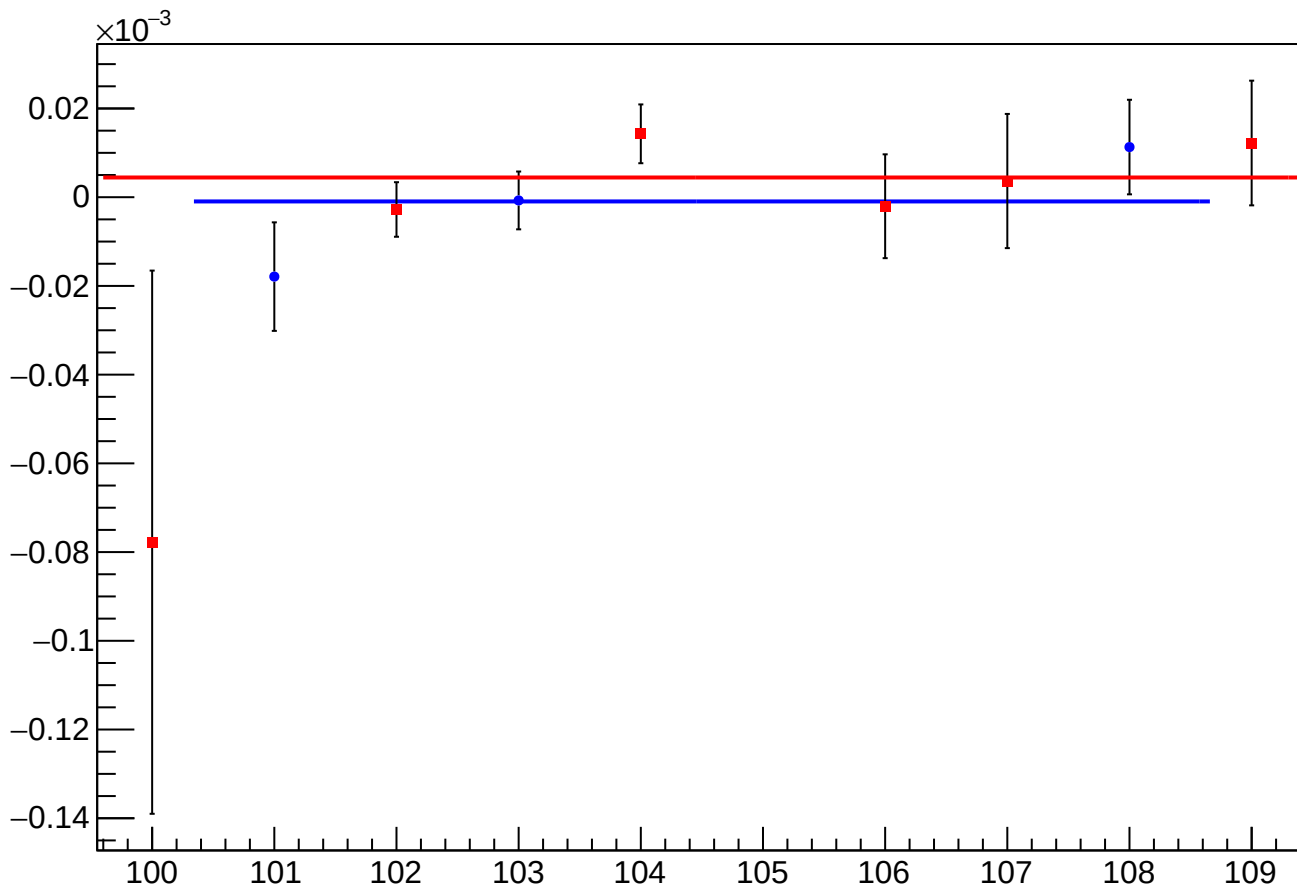
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.929+/-0.072 χ^2/NDF : 2456490.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 3.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 6.0/5

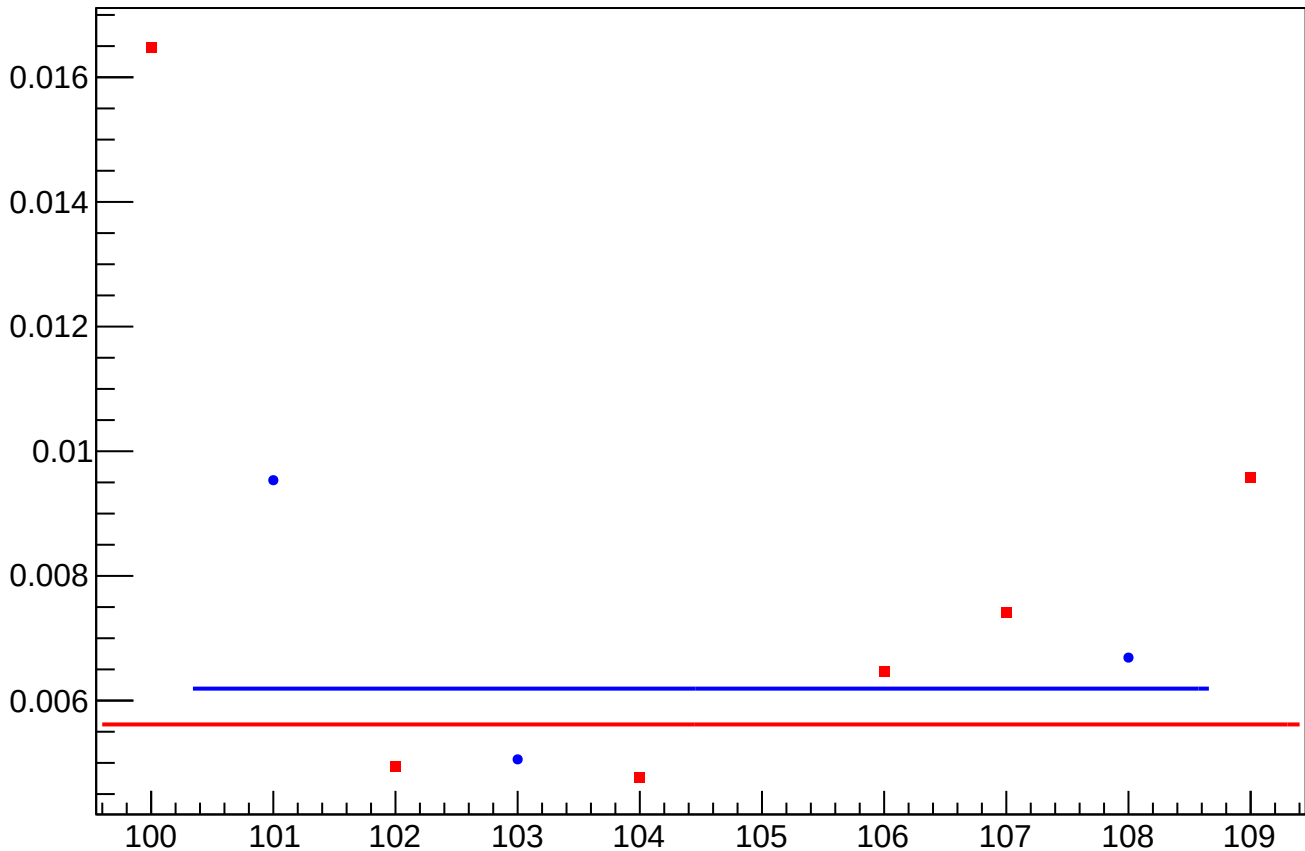
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 10.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 214474.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 317942.7/5

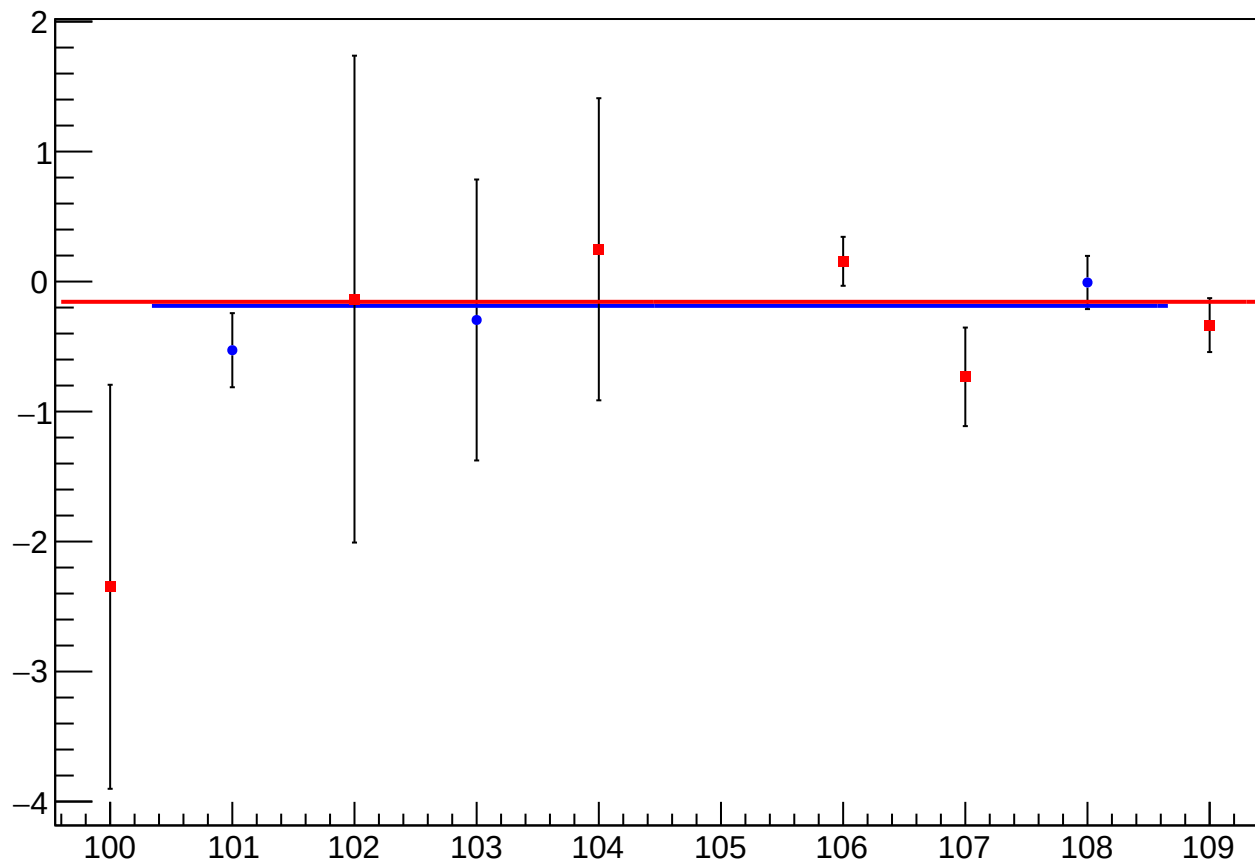
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 548647.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.187 ± 0.164 χ^2/NDF : 2.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.156 ± 0.129 χ^2/NDF : 7.9/5

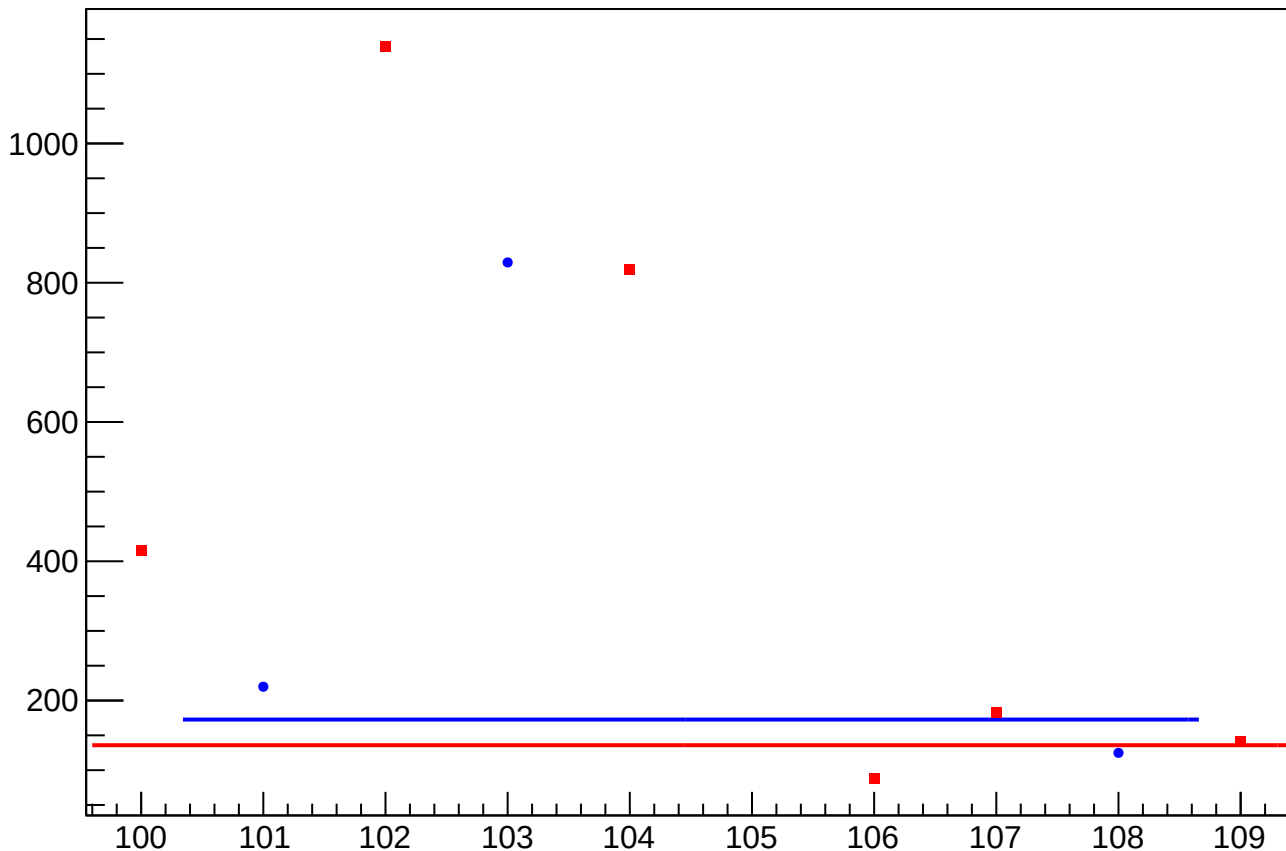
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.168 ± 0.102 χ^2/NDF : 10.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 172.687 $\pm$ 0.116 χ^2 /NDF: 902070.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.843 $\pm$ 0.091 χ^2 /NDF: 1492294.2/5

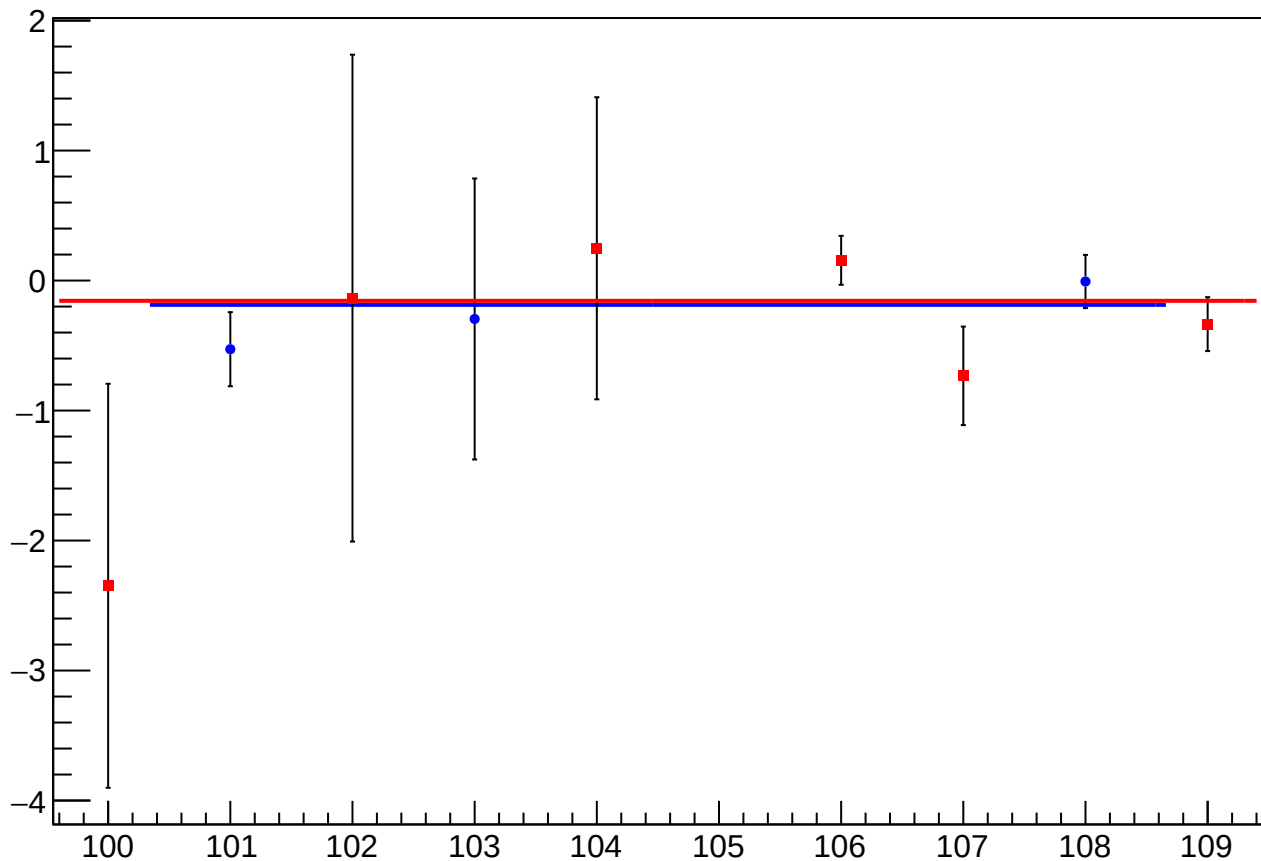
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.929 $\pm$ 0.072 χ^2 /NDF: 2456494.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.187 ± 0.164 χ^2/NDF : 2.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.156 ± 0.129 χ^2/NDF : 7.9/5

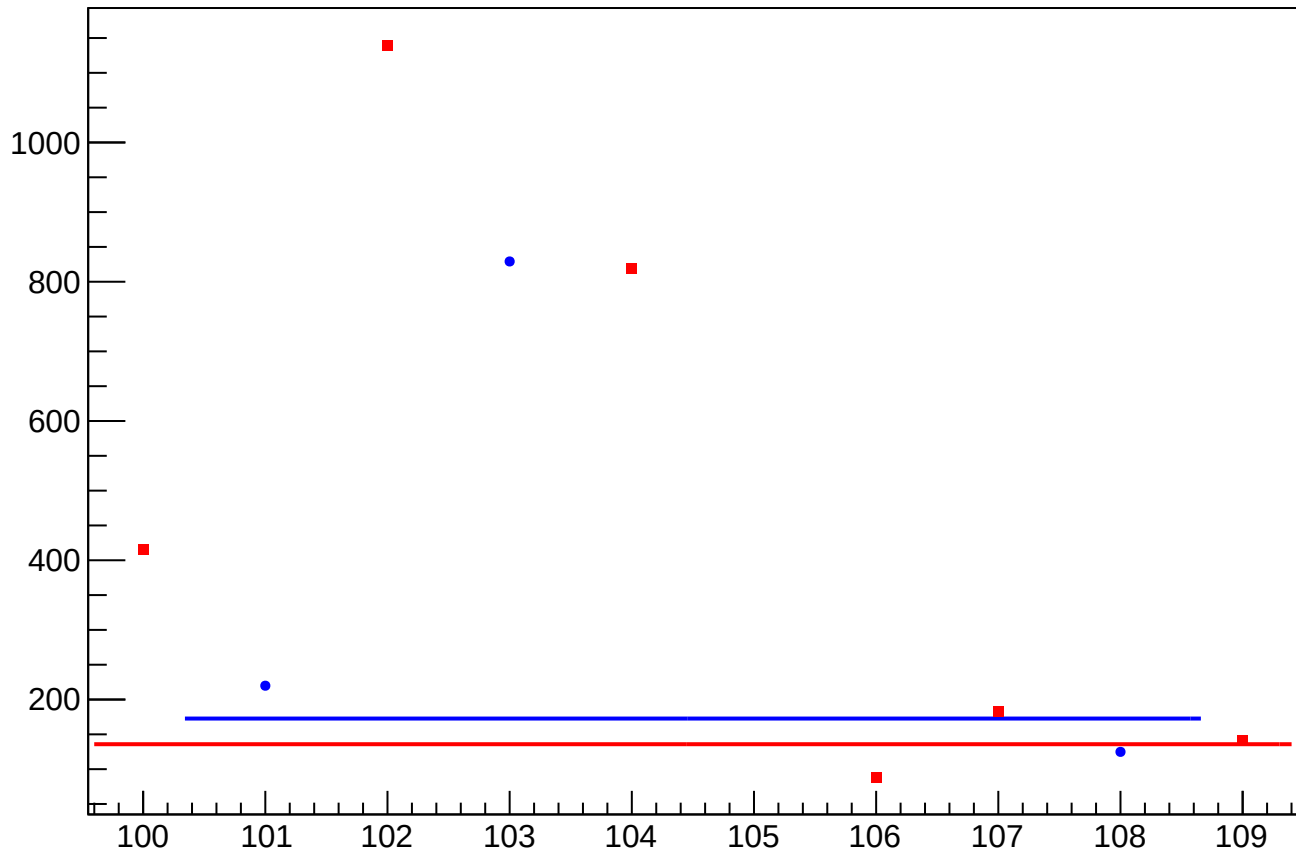
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.168 ± 0.102 χ^2/NDF : 10.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 172.687+/-0.116 χ^2/NDF : 902070.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.843+/-0.091 χ^2/NDF : 1492294.2/5

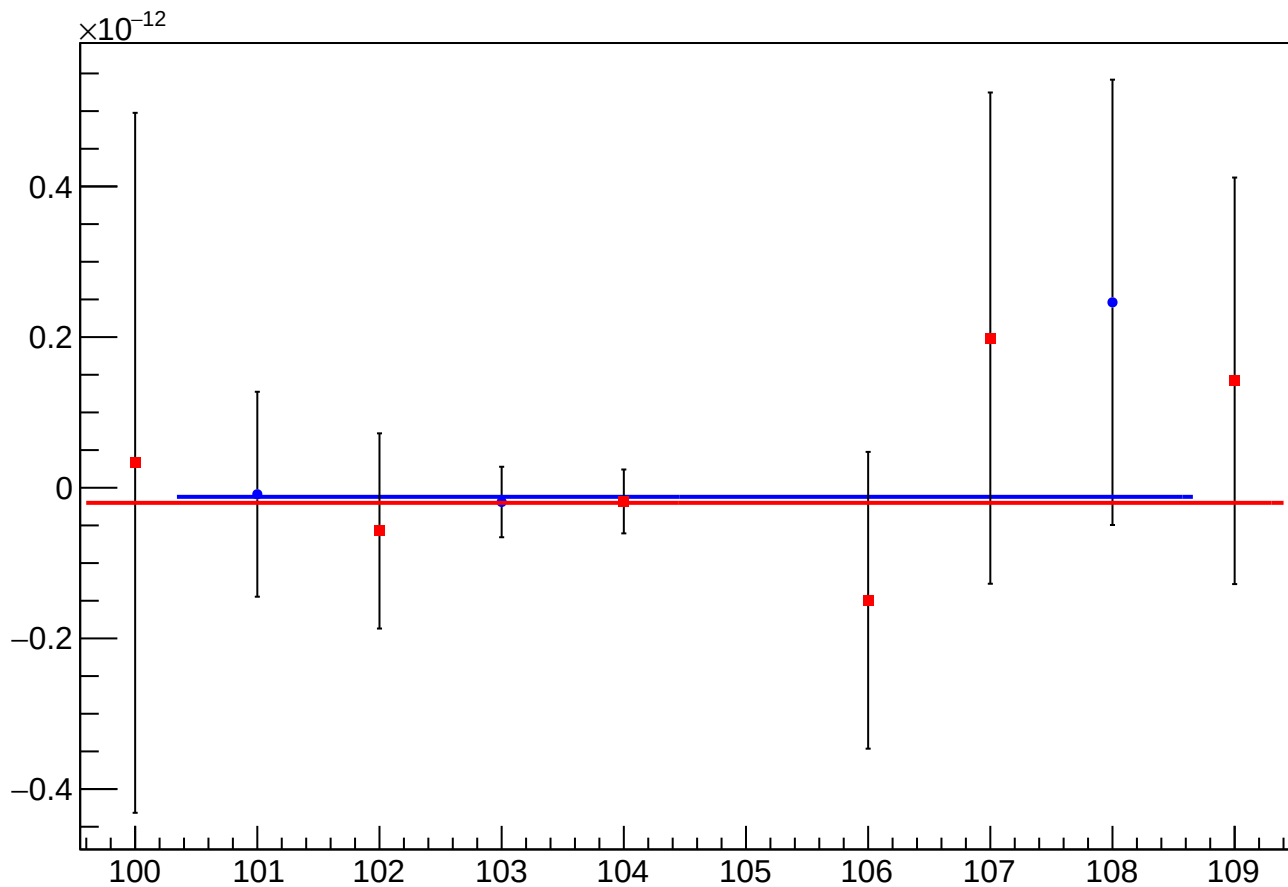
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.929+/-0.072 χ^2/NDF : 2456494.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.3/5

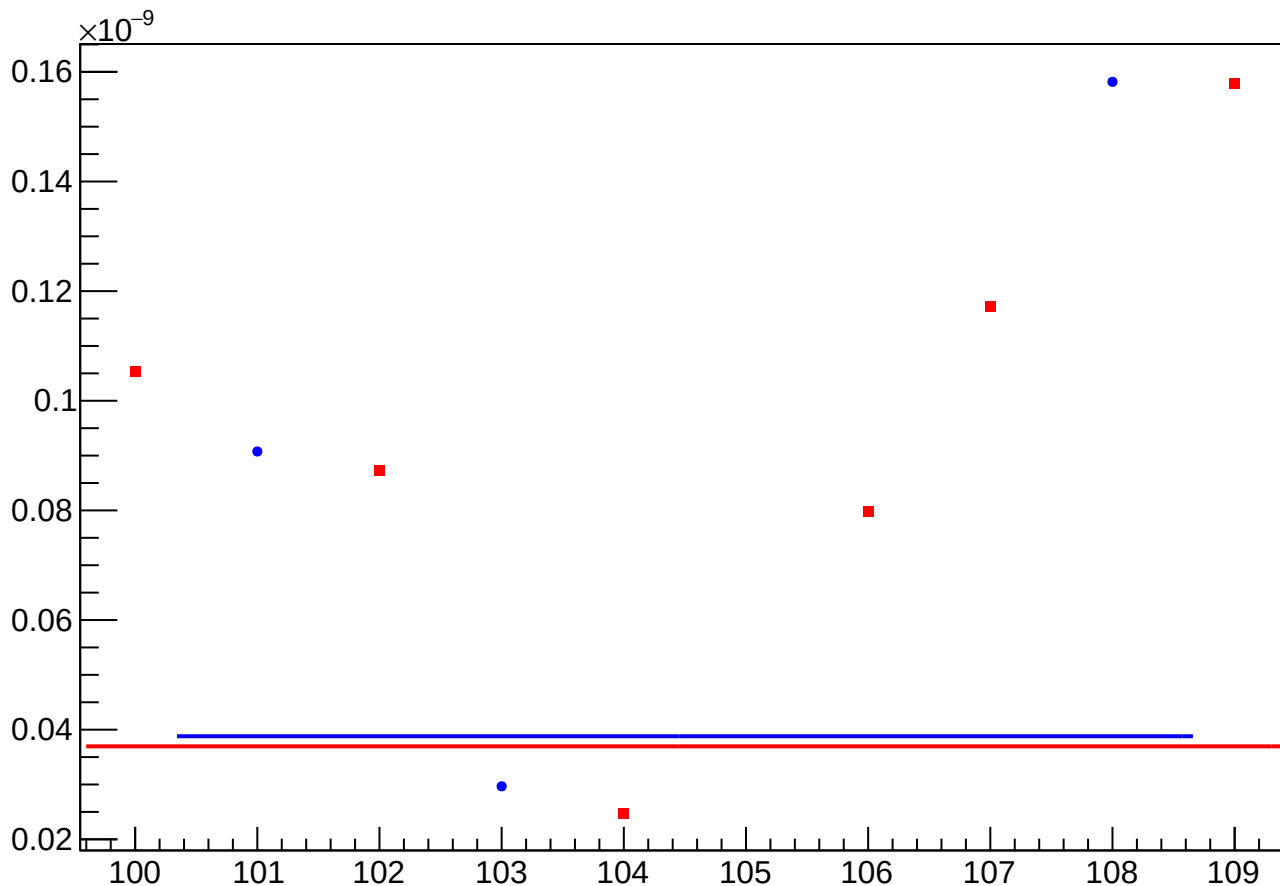
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 694113.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 1128865.0/5

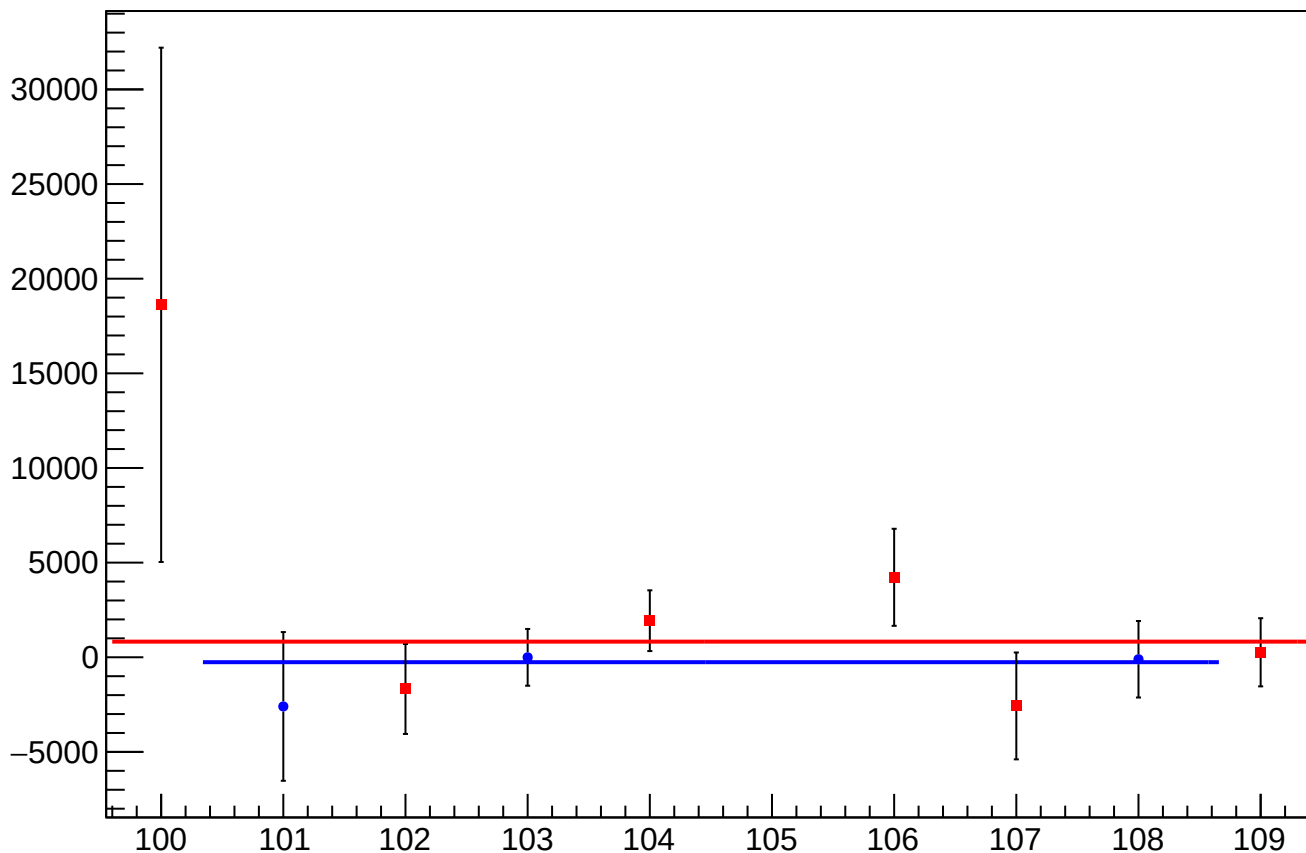
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 1824971.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -259.803+/-1151.712 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.662+/-929.714 χ^2/NDF : 6.6/5

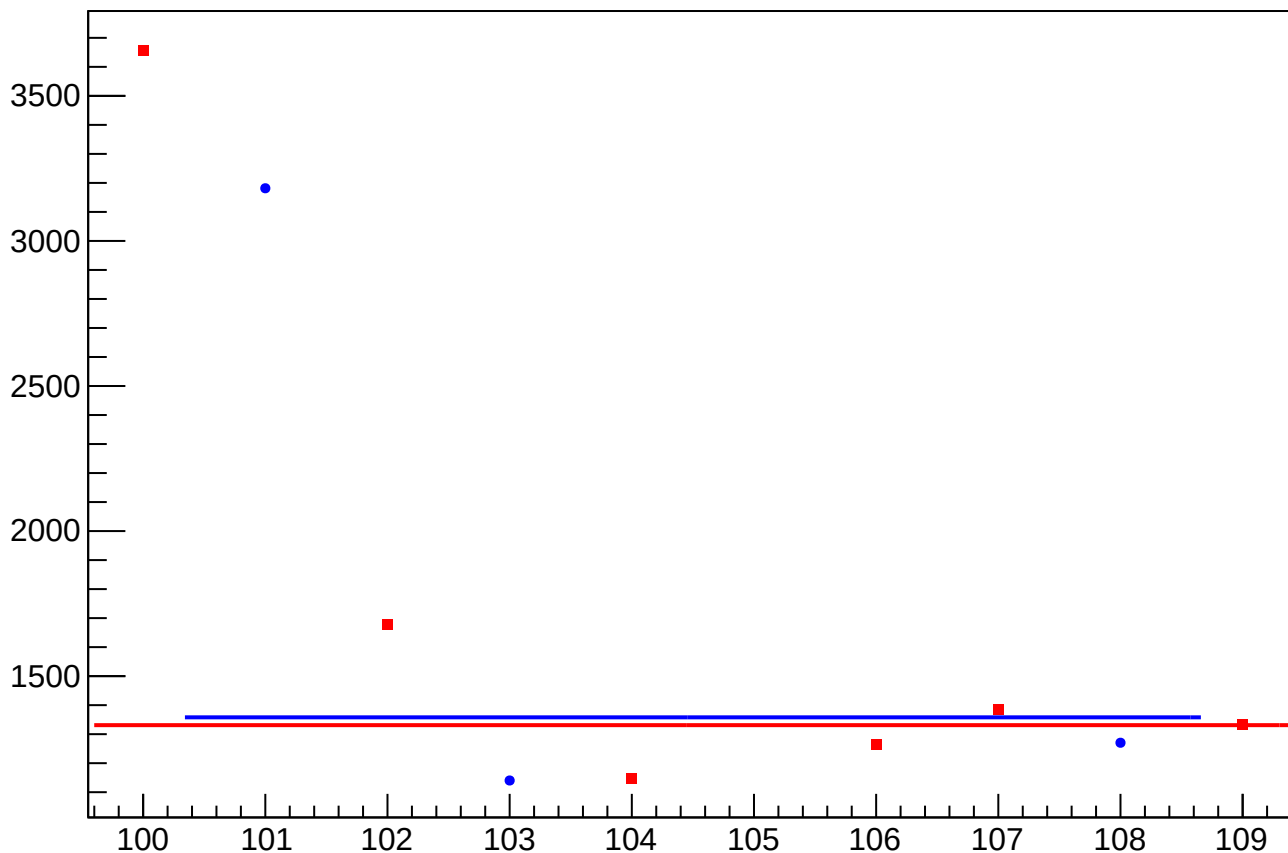
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.400+/-723.421 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1357.998 $\pm$ 0.814 χ^2 /NDF: 476767.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1331.062 $\pm$ 0.657 χ^2 /NDF: 128866.0/5

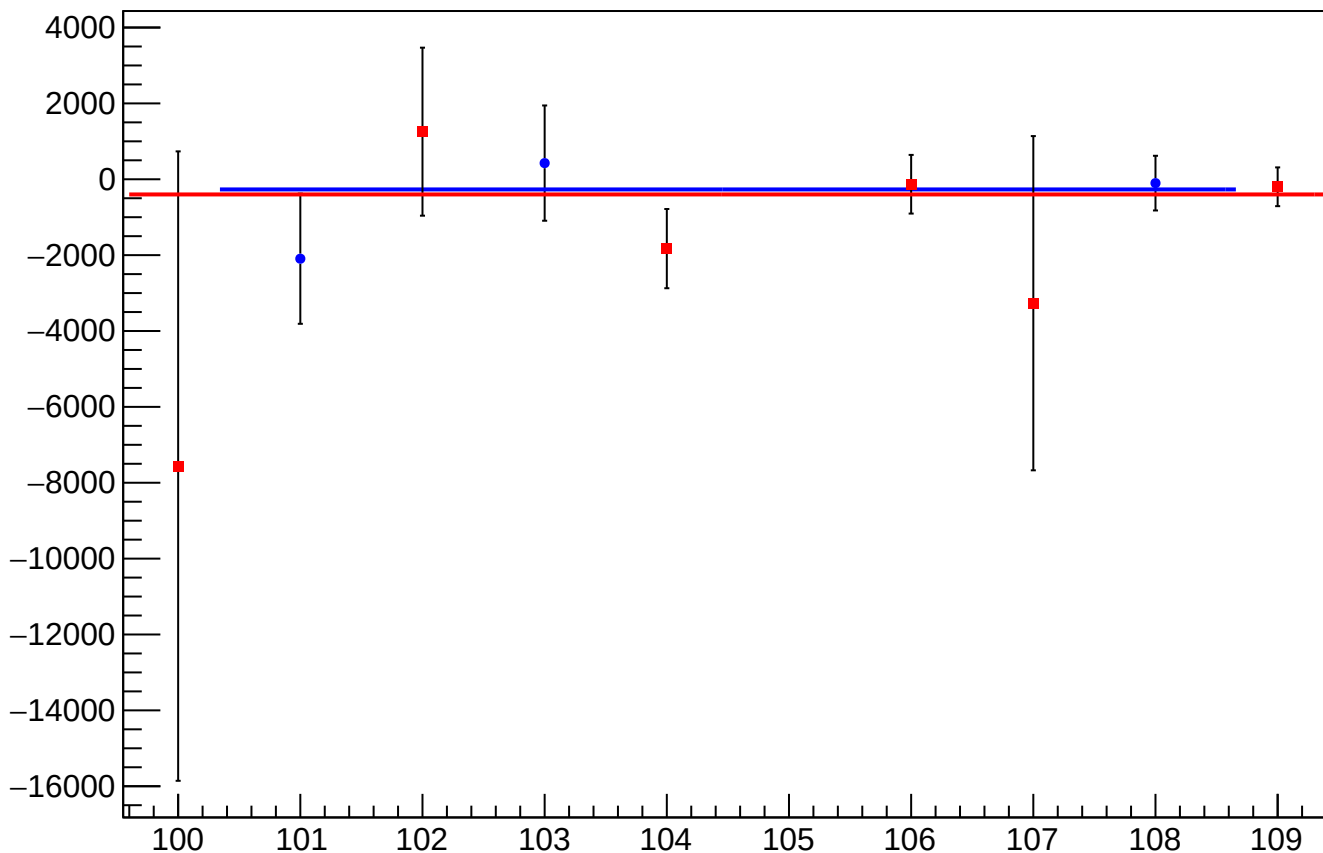
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1341.690 $\pm$ 0.512 χ^2 /NDF: 606295.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug



Right In: -267.678+/-608.866 χ^2 /NDF: 1.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -400.017+/-386.628 χ^2 /NDF: 3.9/5

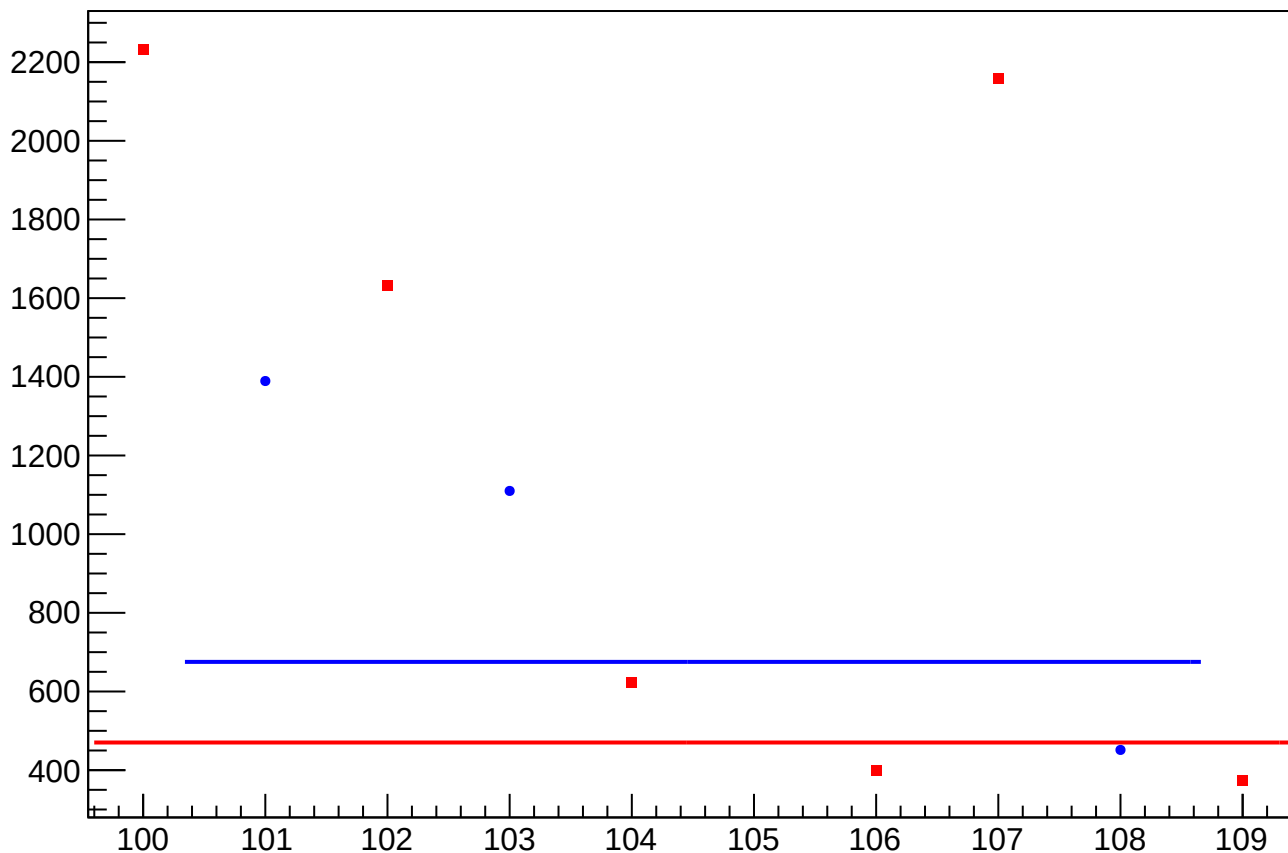
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -361.989+/-326.385 χ^2 /NDF: 5.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



Right In: 675.286+/-0.431 χ^2/NDF : 702753.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.315+/-0.273 χ^2/NDF : 1064203.1/5

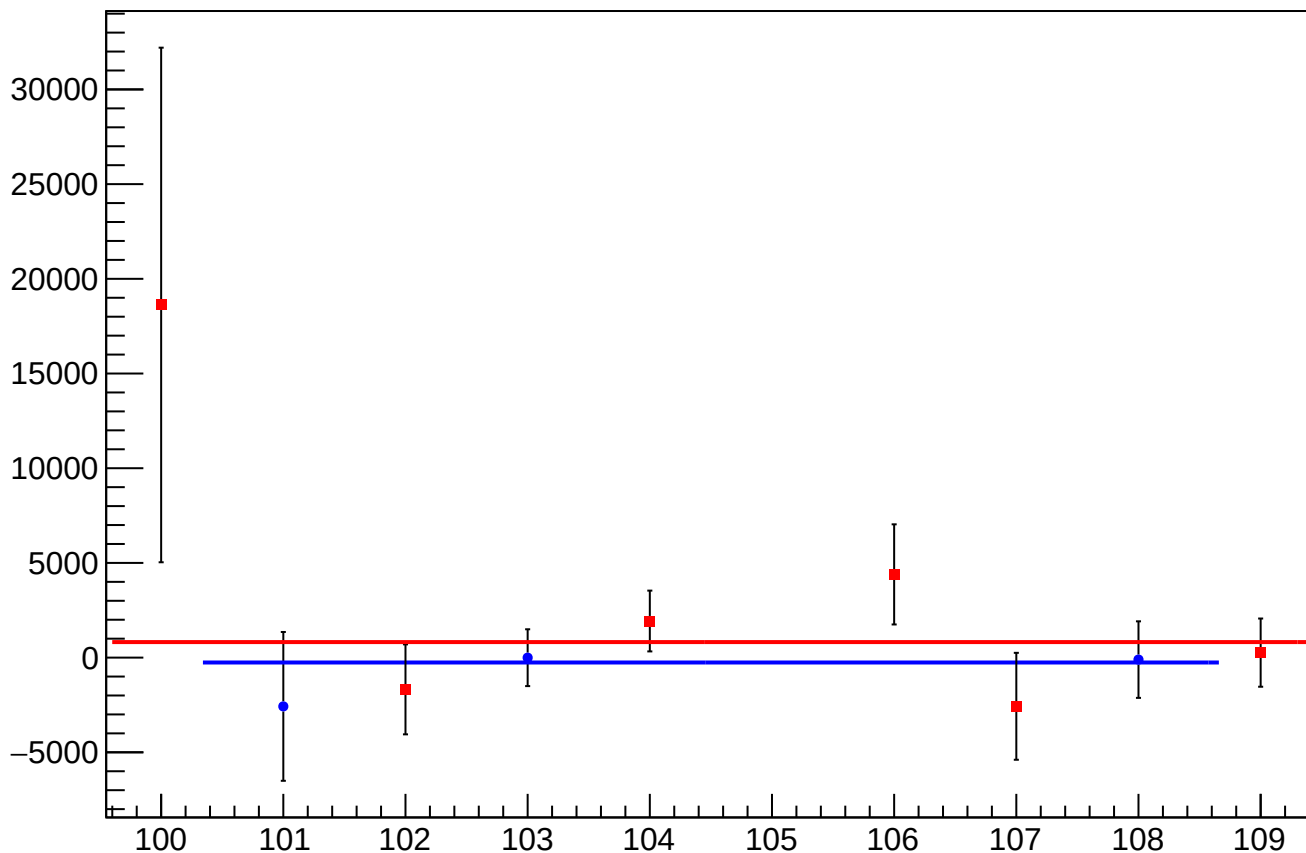
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.214+/-0.231 χ^2/NDF : 1928483.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.943+/-933.395 χ^2/NDF : 6.7/5

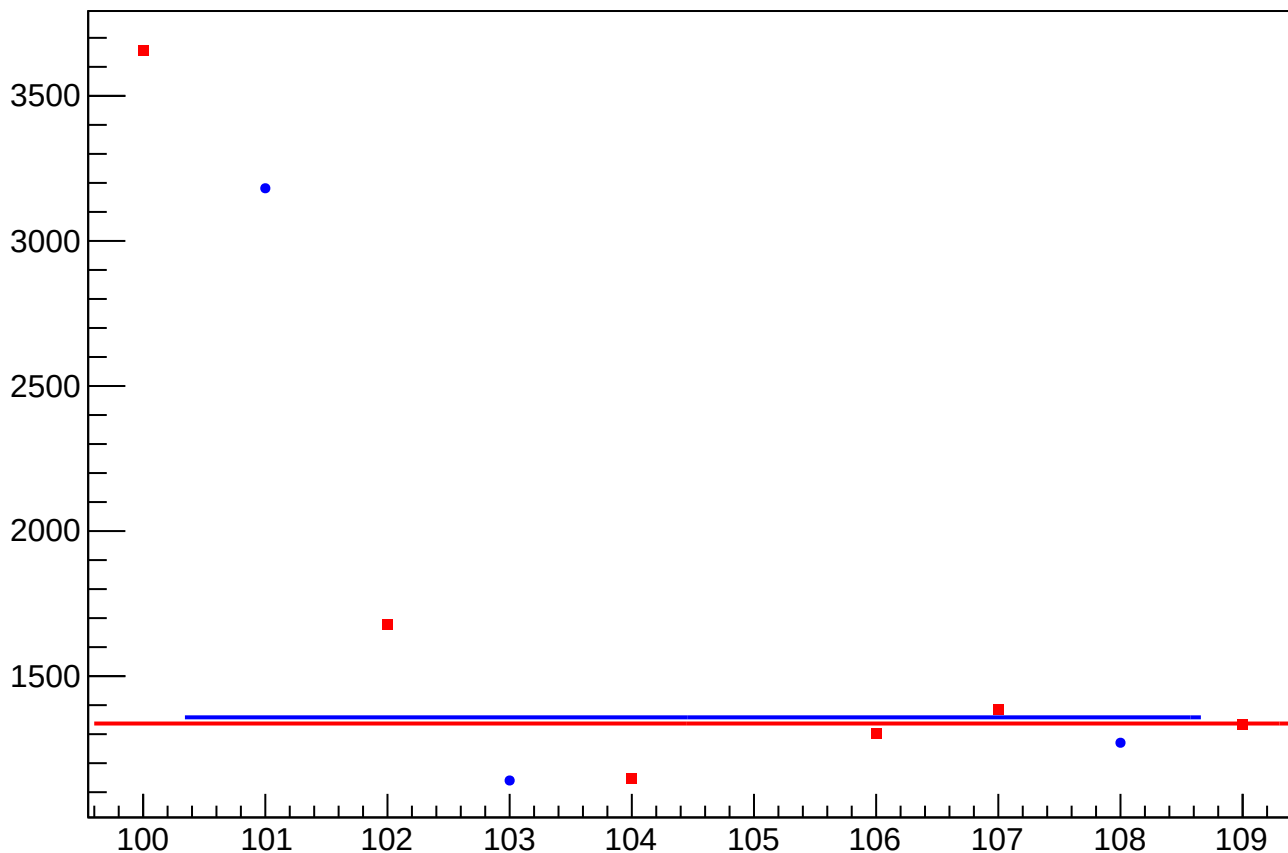
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.694+/-725.151 χ^2/NDF : 7.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1336.686 $\pm$ 0.660 χ^2 /NDF: 127598.4/5

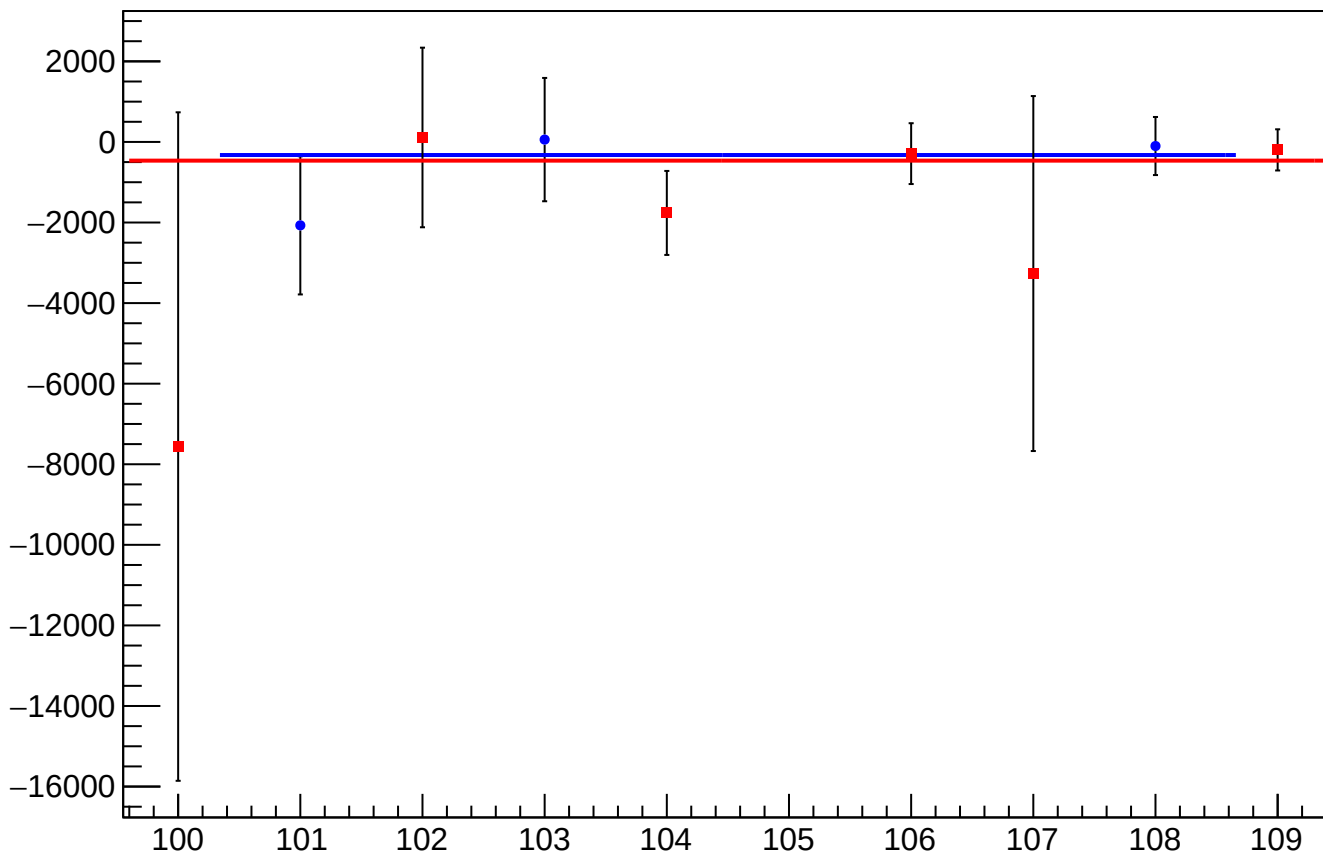
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1345.134 $\pm$ 0.513 χ^2 /NDF: 604781.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug



Right In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -464.000+/-384.268 χ^2/NDF : 3.1/5

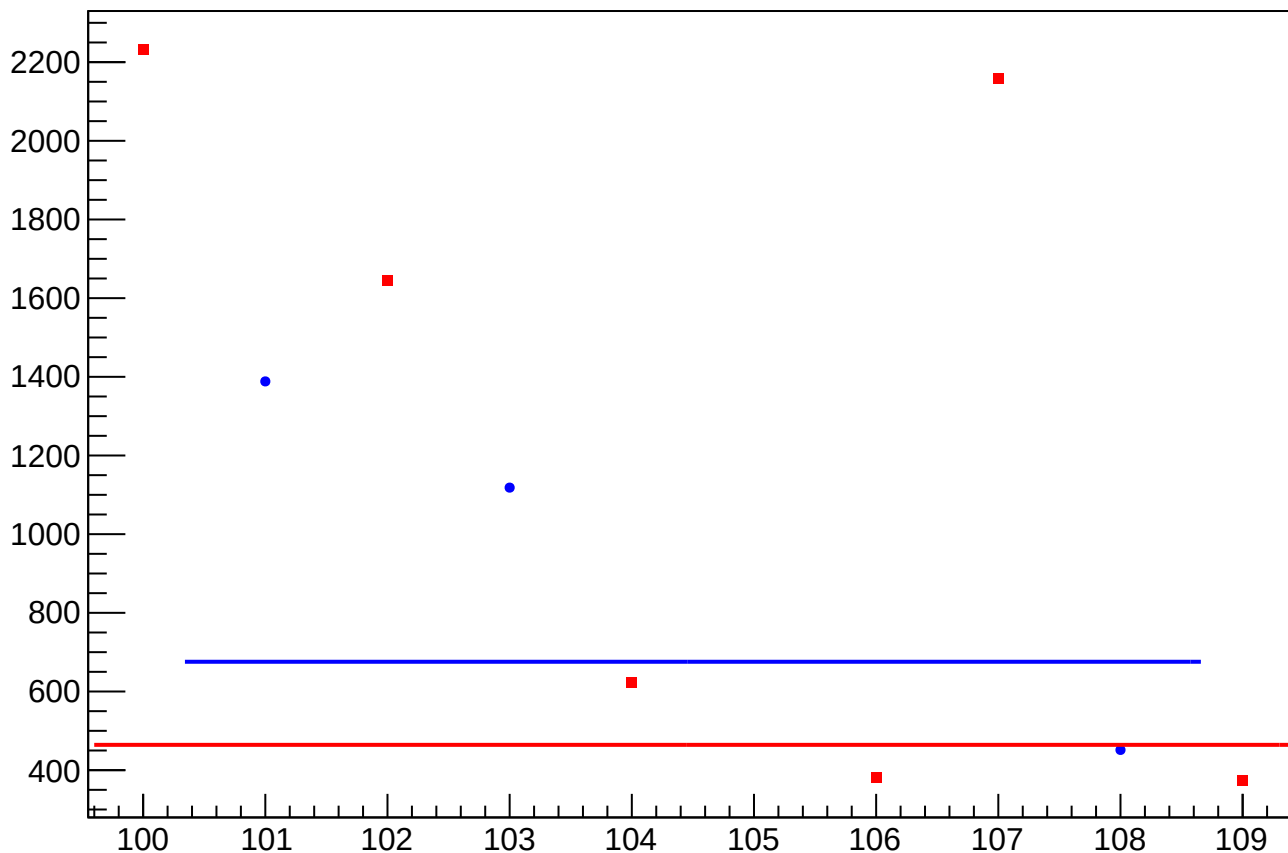
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.398+/-325.064 χ^2/NDF : 4.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



Right In: 675.611 ± 0.431 $\chi^2/\text{NDF}: 706155.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 464.373 ± 0.272 $\chi^2/\text{NDF}: 1082237.8/5$

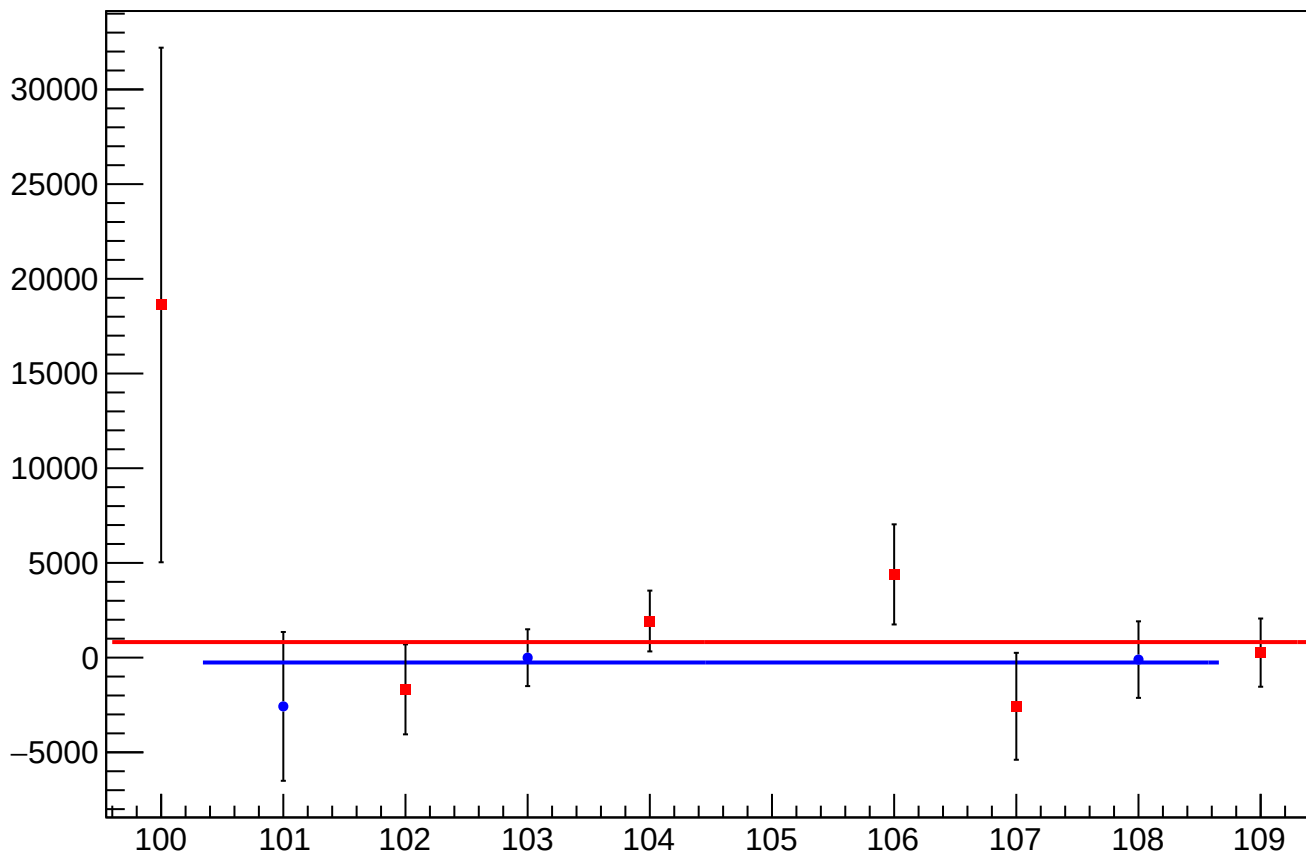
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 524.449 ± 0.230 $\chi^2/\text{NDF}: 1960279.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.943+/-933.395 χ^2/NDF : 6.7/5

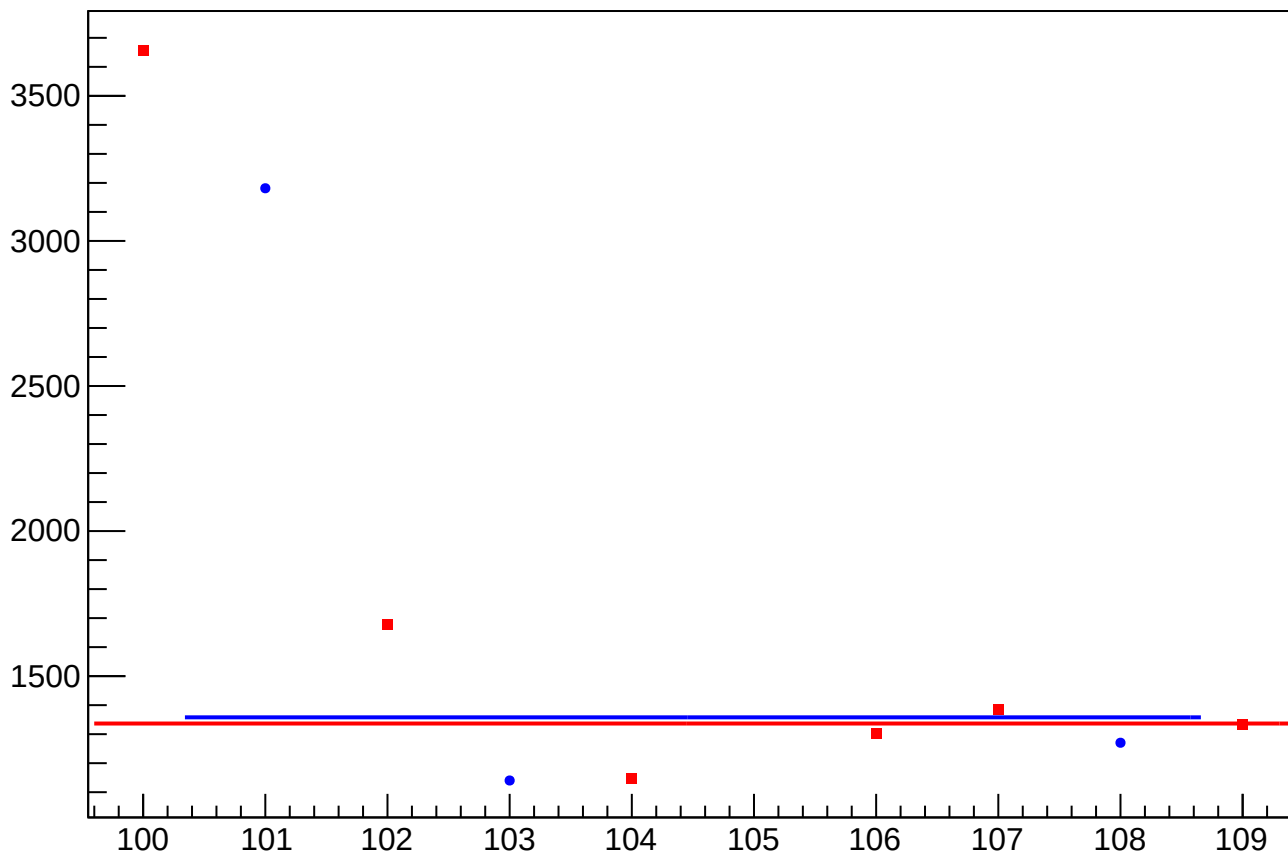
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.694+/-725.151 χ^2/NDF : 7.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1336.686 $\pm$ 0.660 χ^2 /NDF: 127598.4/5

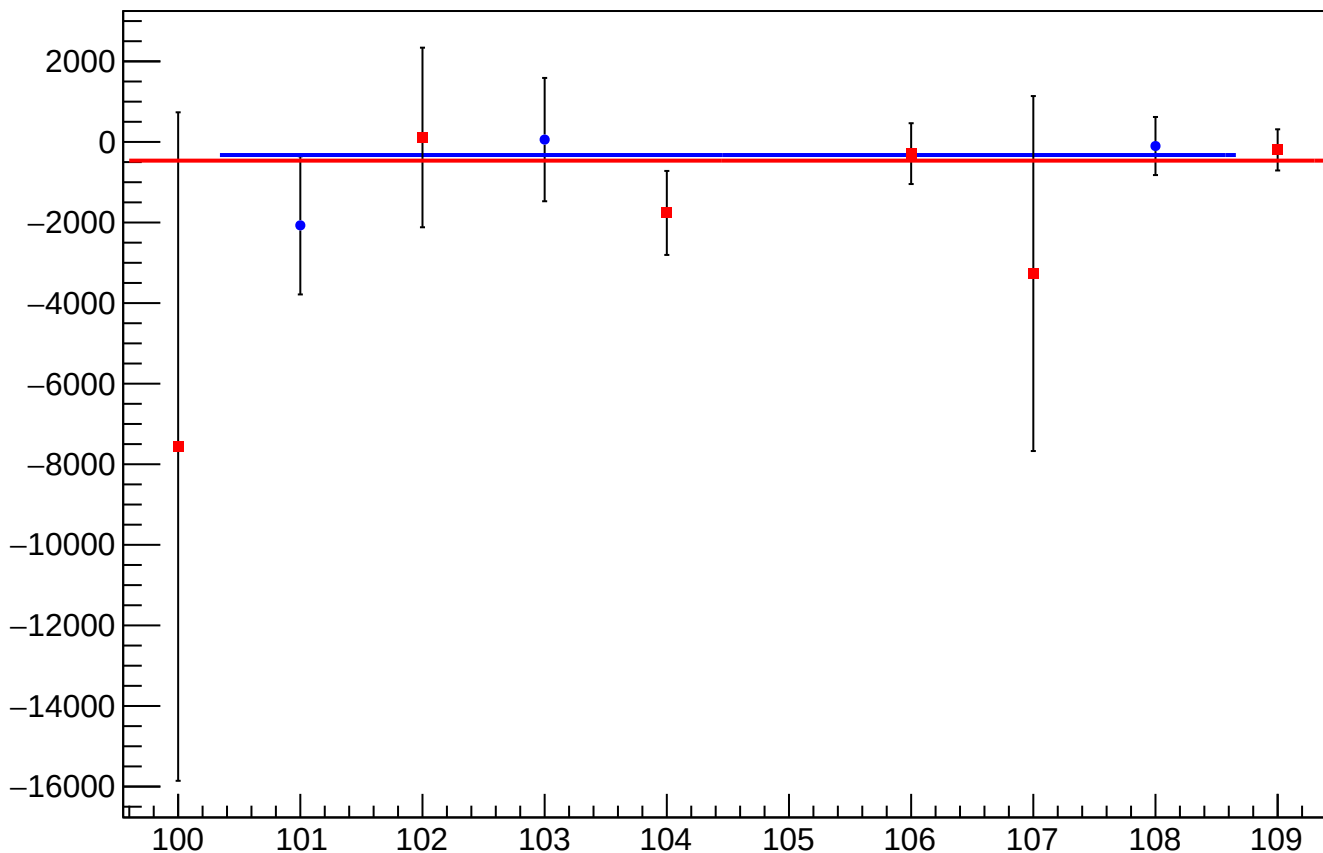
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1345.134 $\pm$ 0.513 χ^2 /NDF: 604781.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: -324.751+/-609.541 χ^2 /NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -464.000+/-384.268 χ^2 /NDF: 3.1/5

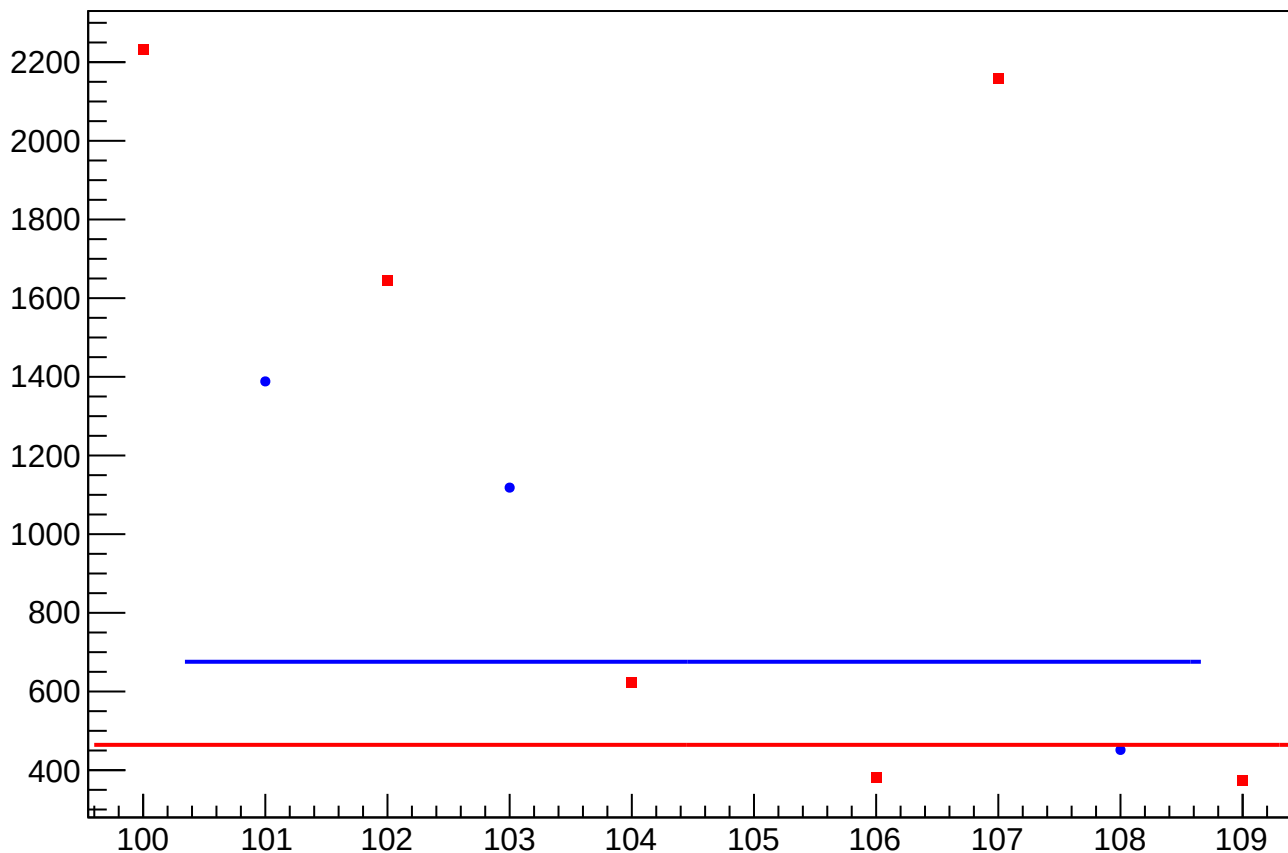
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -424.398+/-325.064 χ^2 /NDF: 4.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.373+/-0.272 χ^2/NDF : 1082237.8/5

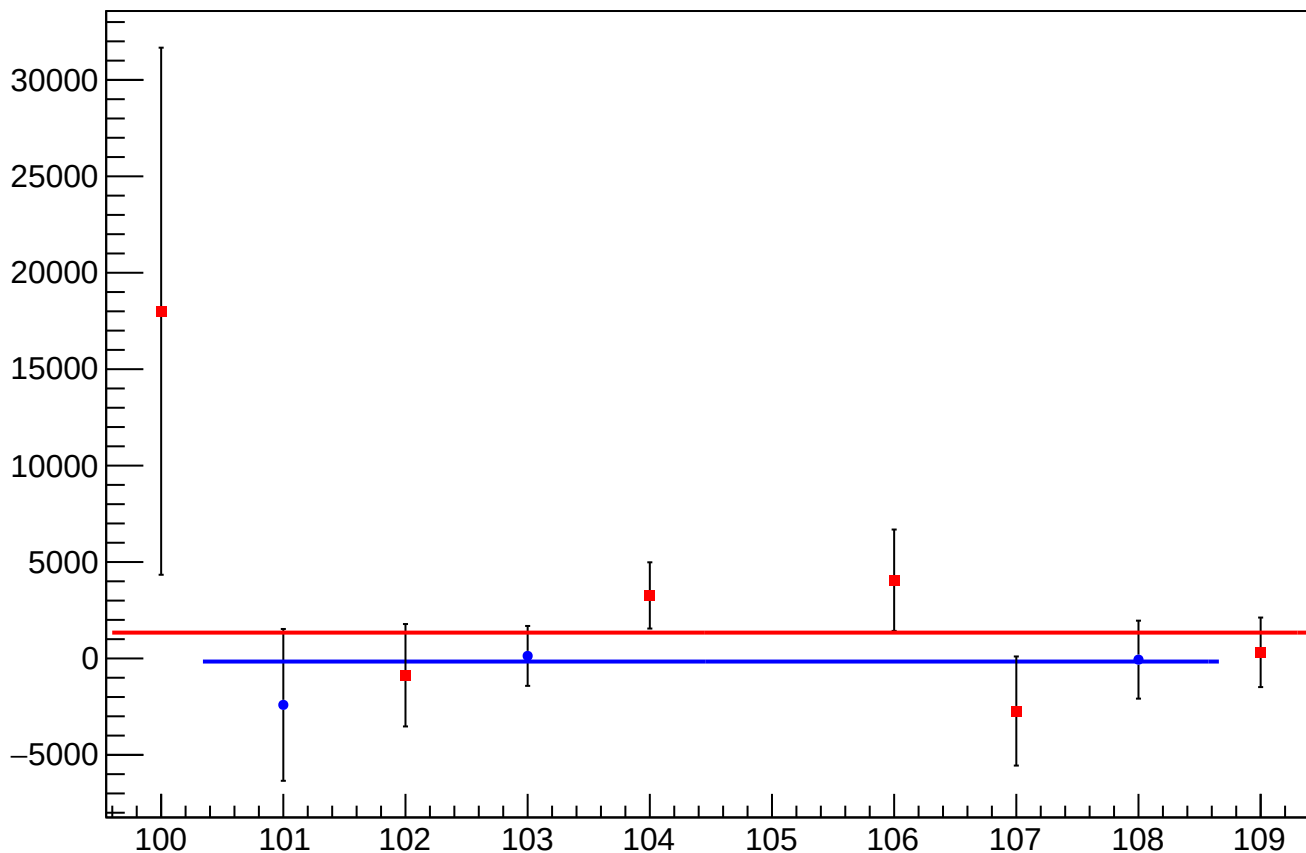
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.449+/-0.230 χ^2/NDF : 1960279.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -160.378+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.837+/-969.733 χ^2/NDF : 6.9/5

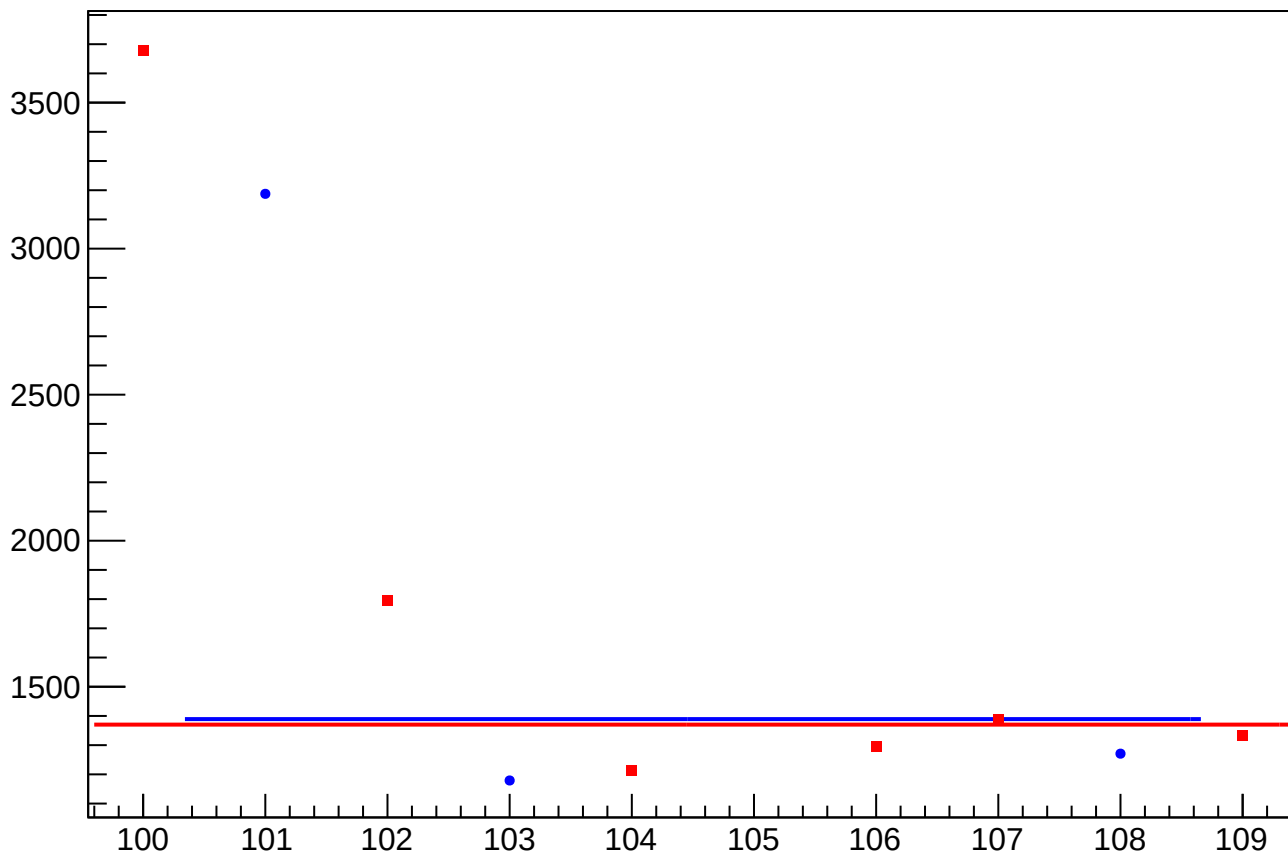
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.294+/-748.034 χ^2/NDF : 8.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1389.211 $\pm$ 0.831 χ^2 /NDF: 460990.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1370.321 $\pm$ 0.686 χ^2 /NDF: 127229.0/5

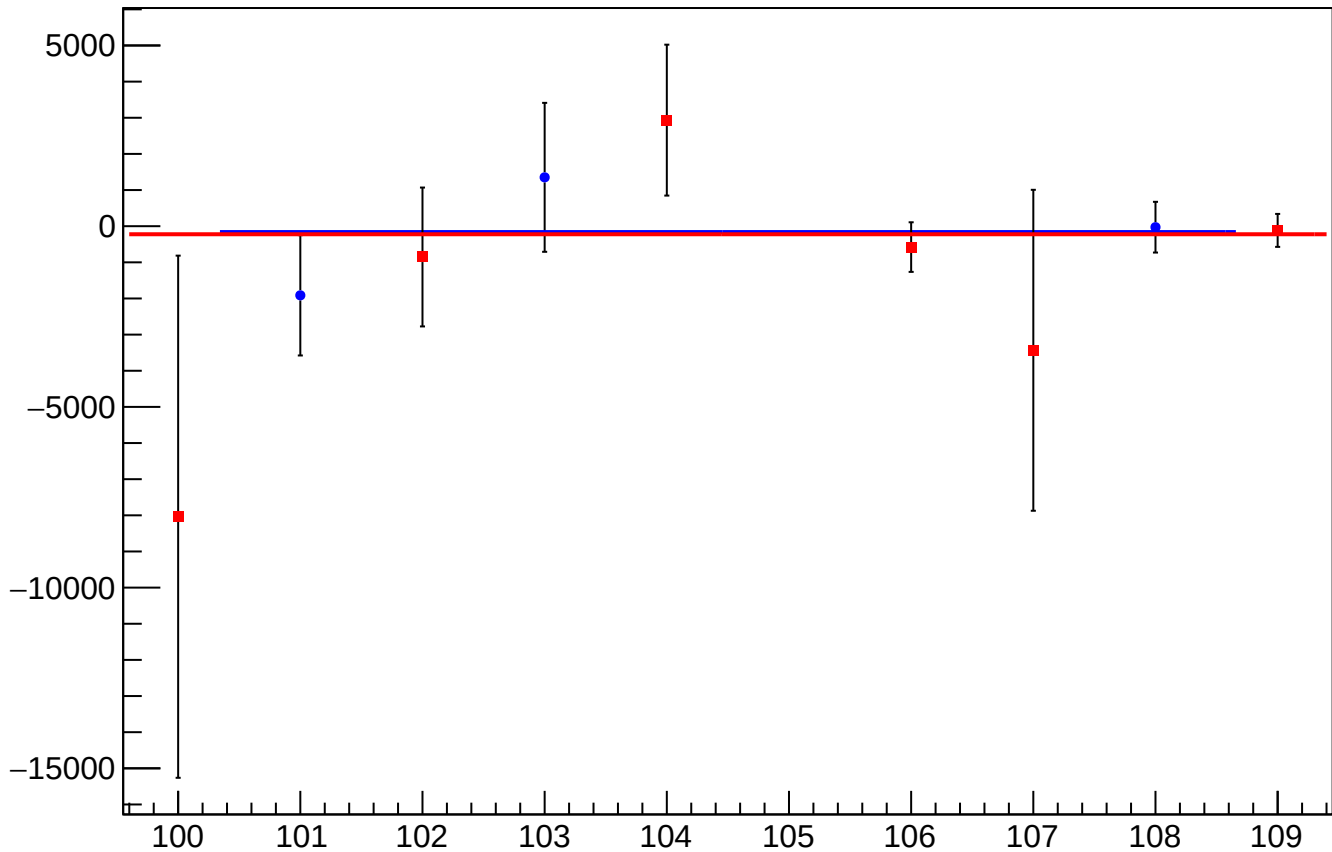
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1377.970 $\pm$ 0.529 χ^2 /NDF: 588526.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug



Right In: -162.869+/-617.022 χ^2 /NDF: 1.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -222.993+/-365.114 χ^2 /NDF: 4.4/5

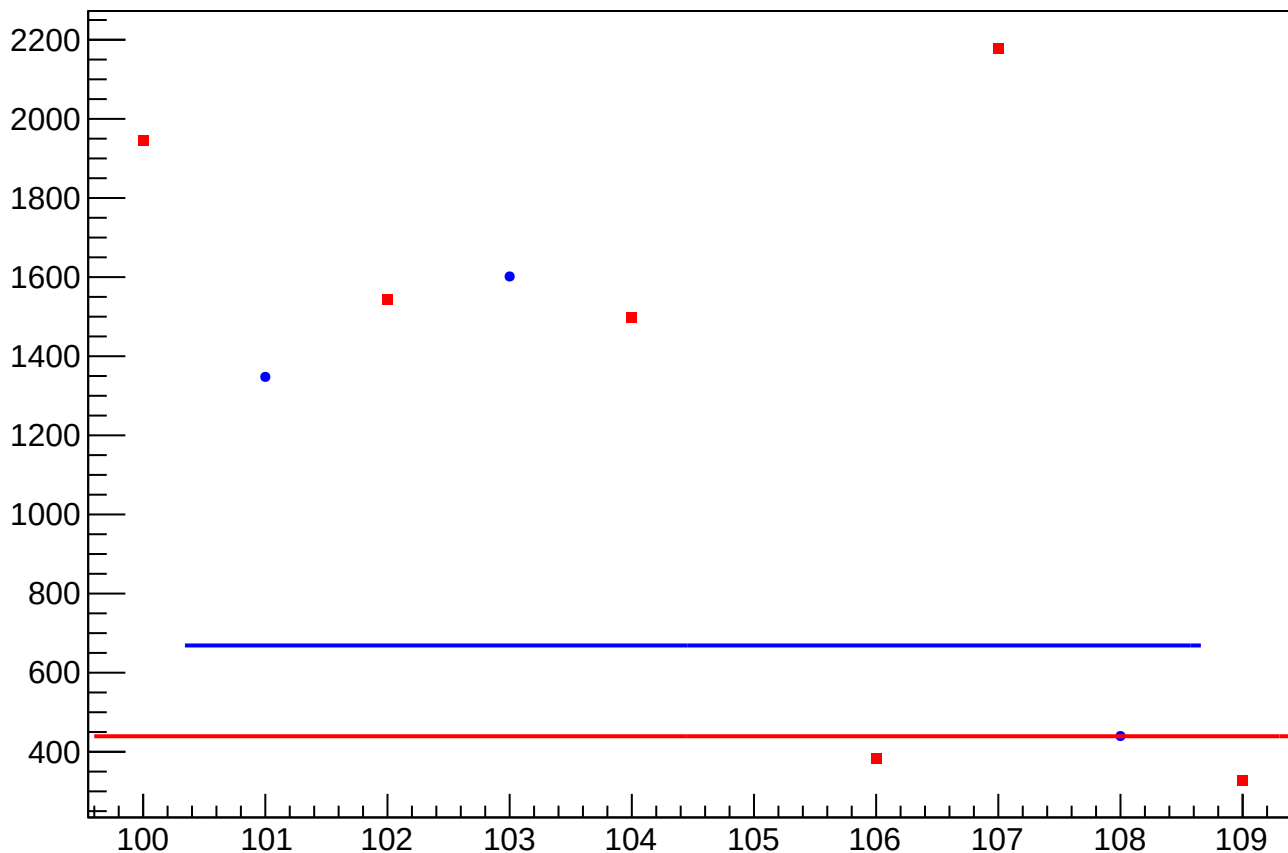
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -207.400+/-314.223 χ^2 /NDF: 6.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug



Right In: 668.798+/-0.436 χ^2/NDF : 955573.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.312+/-0.258 χ^2/NDF : 1703046.4/5

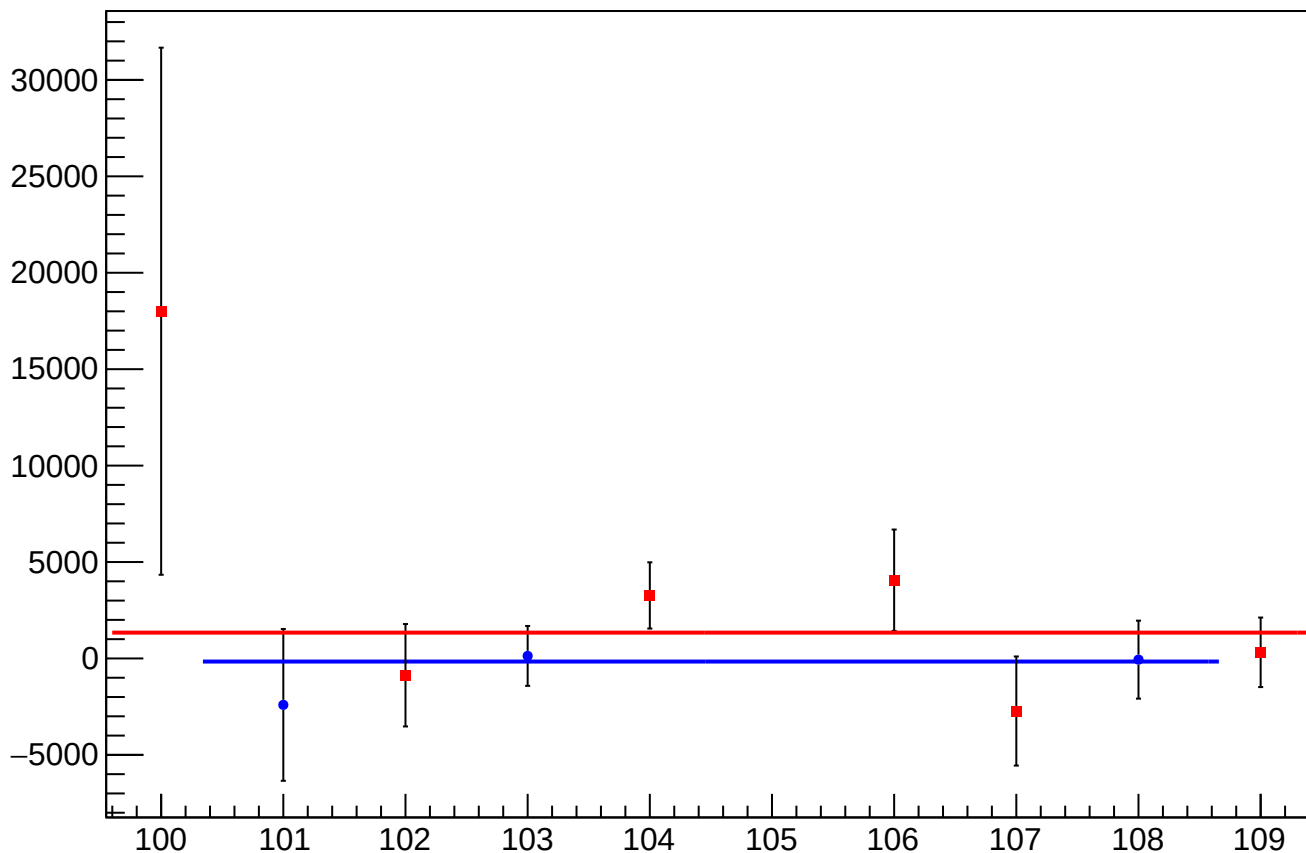
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.827+/-0.222 χ^2/NDF : 2863526.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -160.374+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.837+/-969.733 χ^2/NDF : 6.9/5

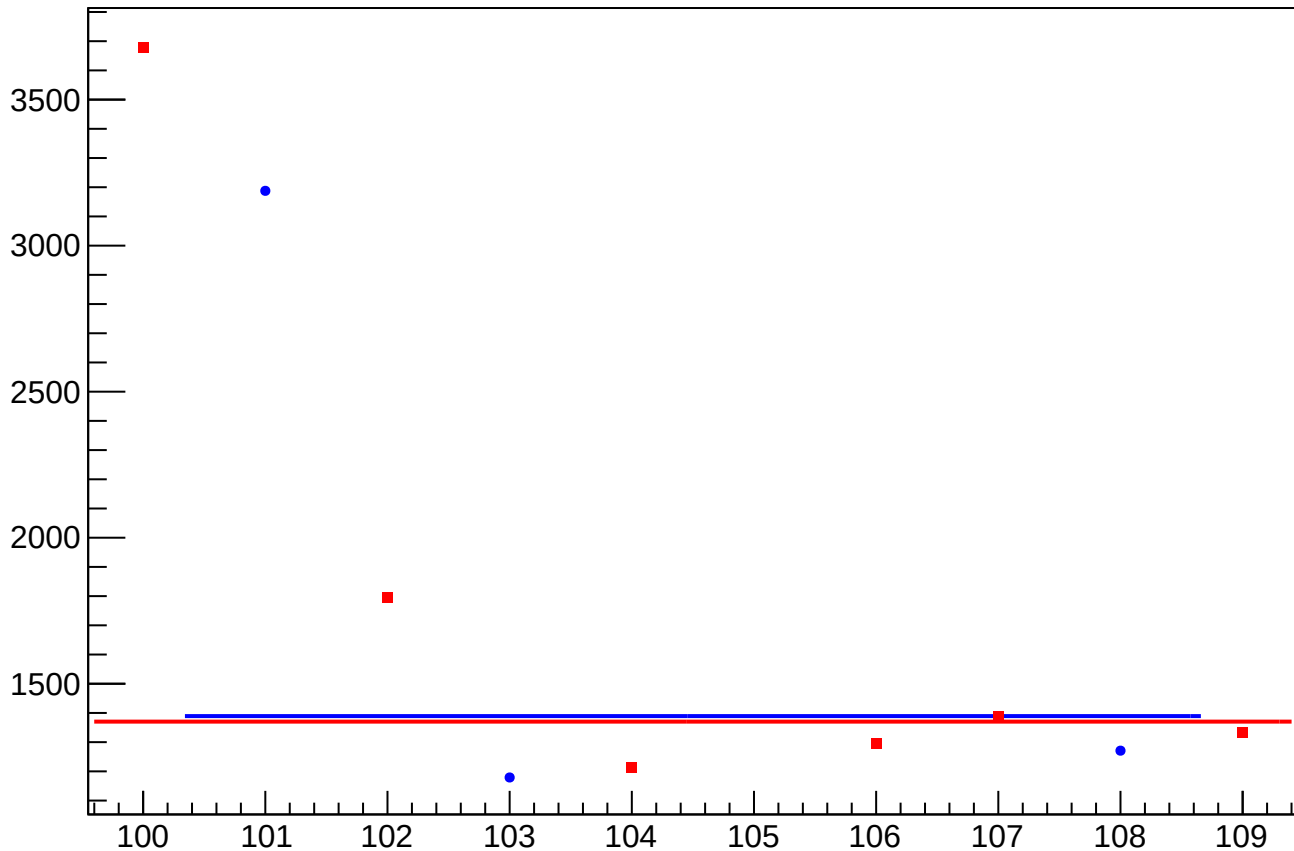
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.296+/-748.034 χ^2/NDF : 8.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1389.211+/-0.831 χ^2/NDF : 460990.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.321+/-0.686 χ^2/NDF : 127229.0/5

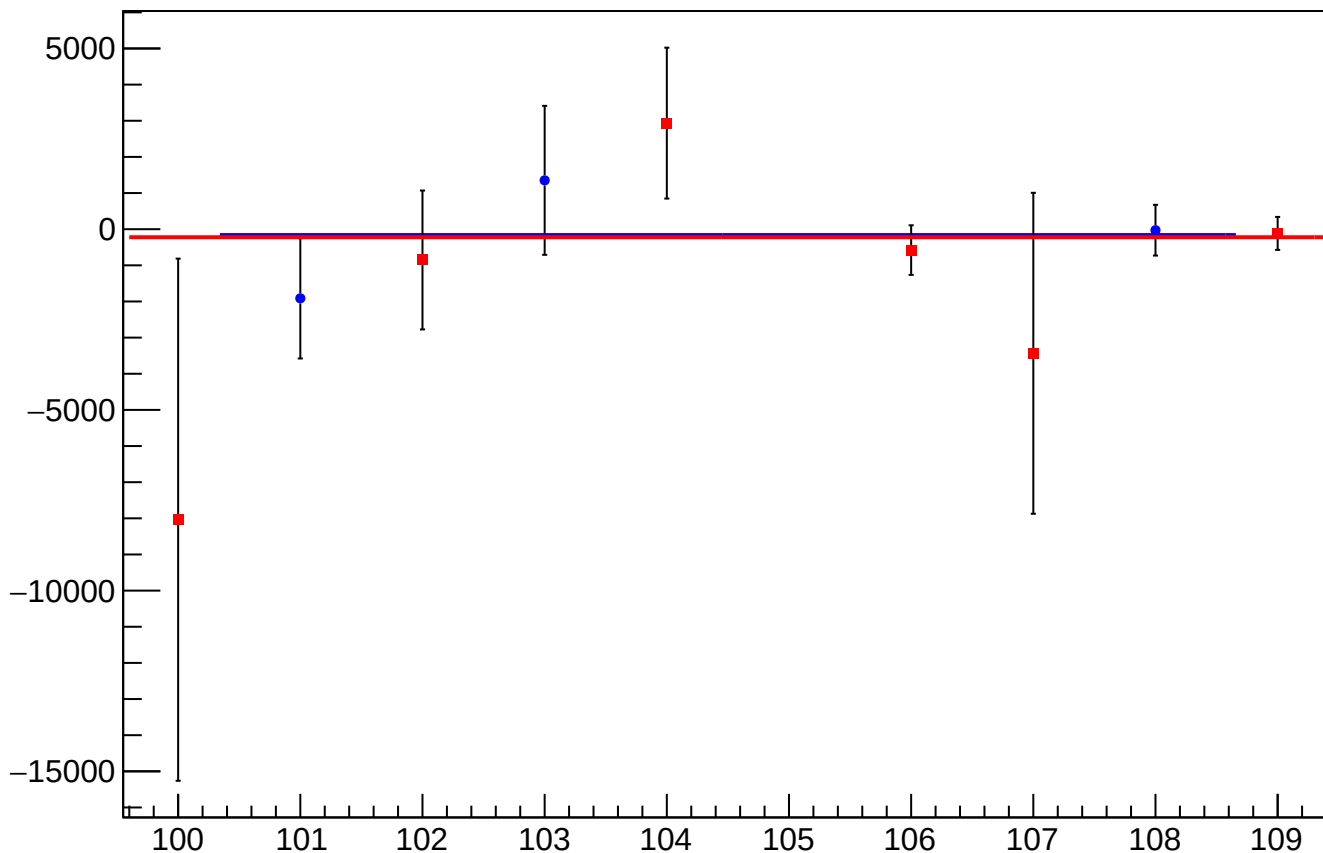
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.971+/-0.529 χ^2/NDF : 588526.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: -162.856 $\pm$ 617.012 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -222.994 $\pm$ 365.113 χ^2 /NDF: 4.4/5

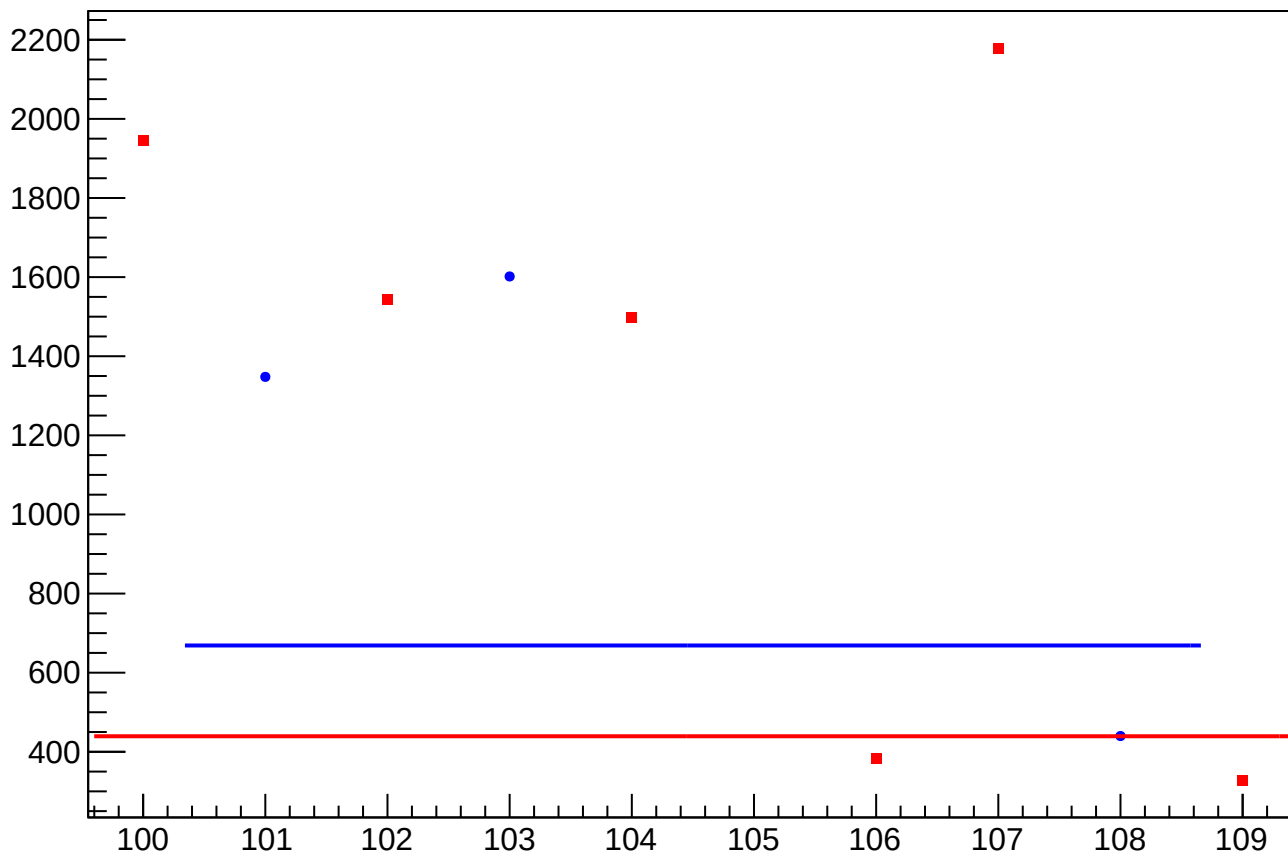
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -207.397 $\pm$ 314.220 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 668.783+/-0.436 χ^2/NDF : 955597.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.310+/-0.258 χ^2/NDF : 1703051.8/5

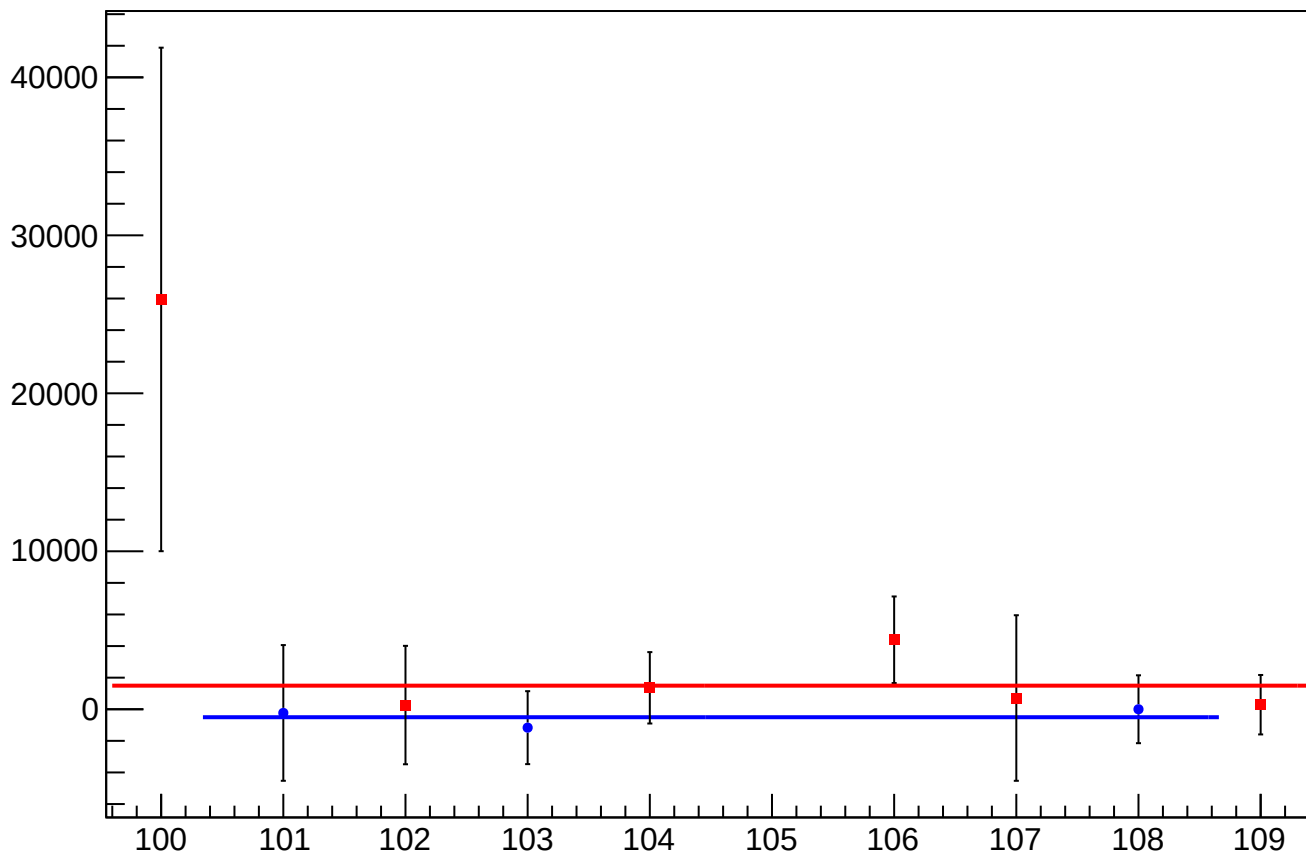
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.823+/-0.222 χ^2/NDF : 2863540.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -503.936+/-1477.059 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.695+/-1176.155 χ^2/NDF : 4.0/5

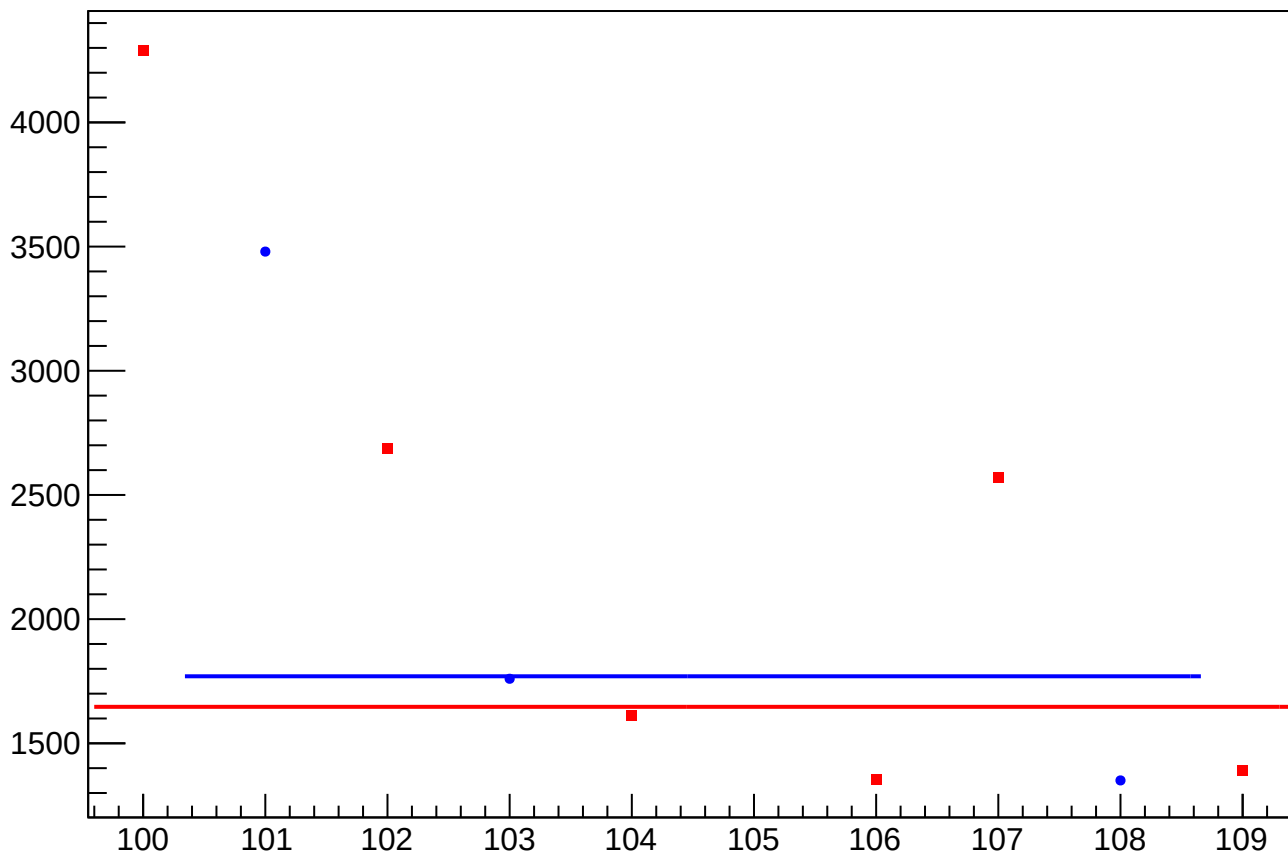
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.556+/-920.089 χ^2/NDF : 5.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1769.929+/-1.044 χ^2/NDF : 393111.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.959+/-0.832 χ^2/NDF : 331096.4/5

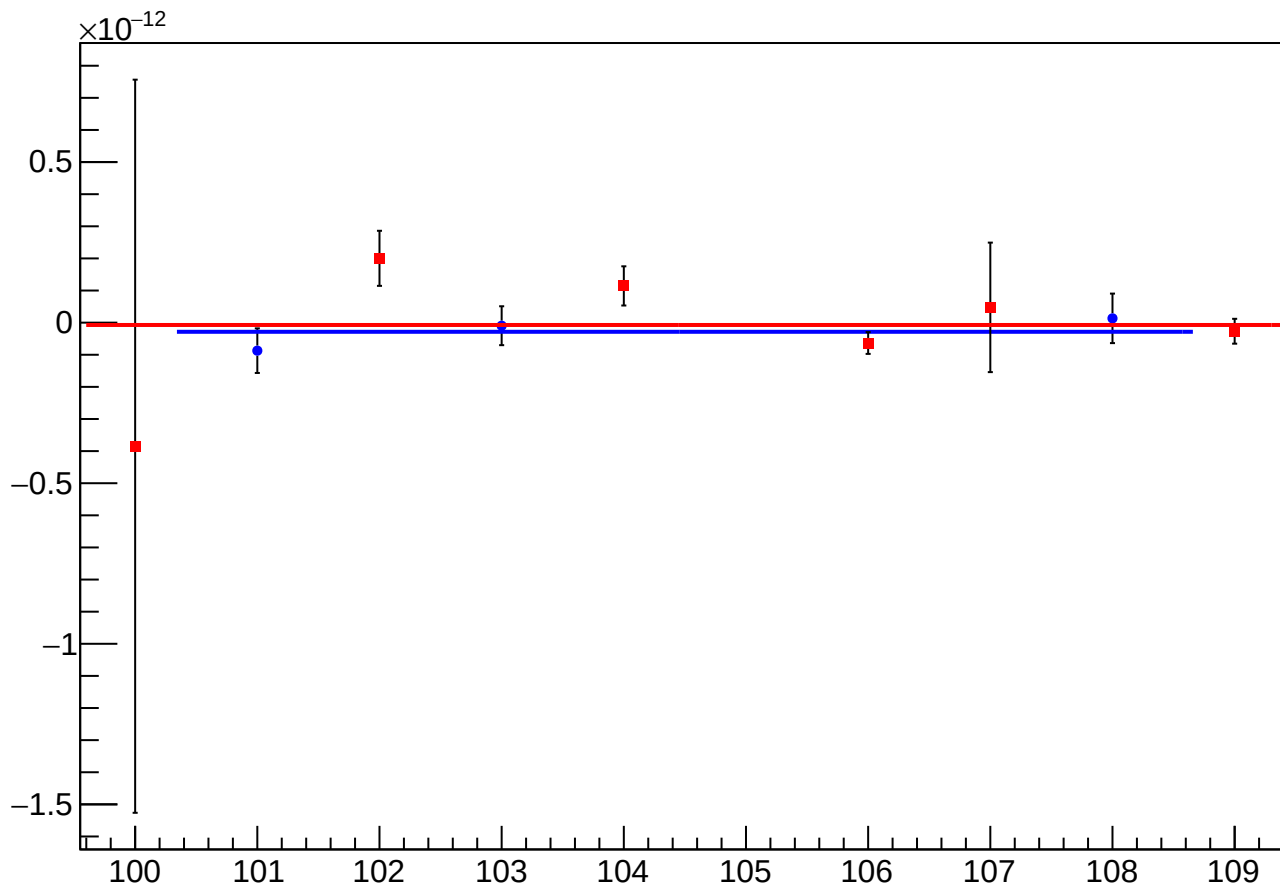
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1694.675+/-0.651 χ^2/NDF : 732691.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/5

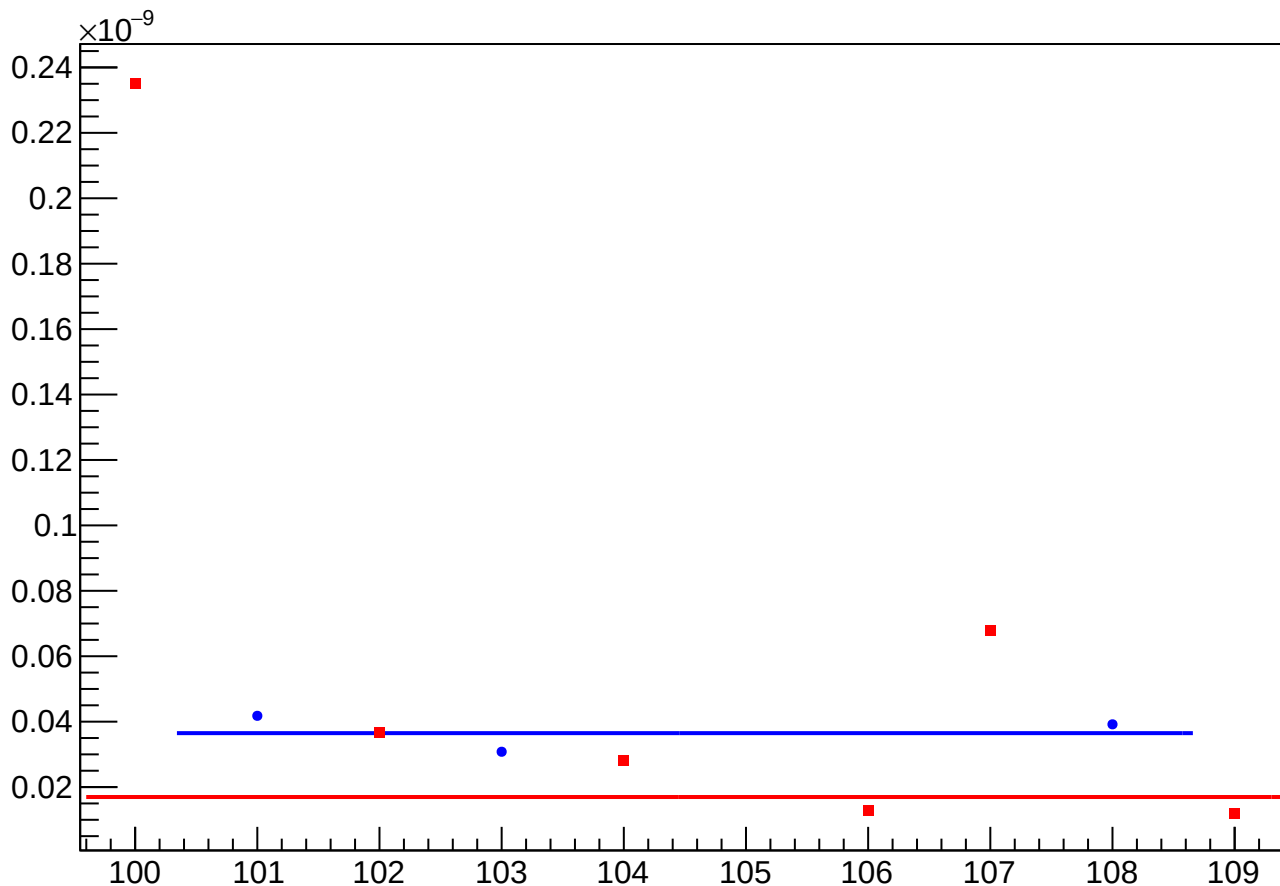
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 31726.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 439255.1/5

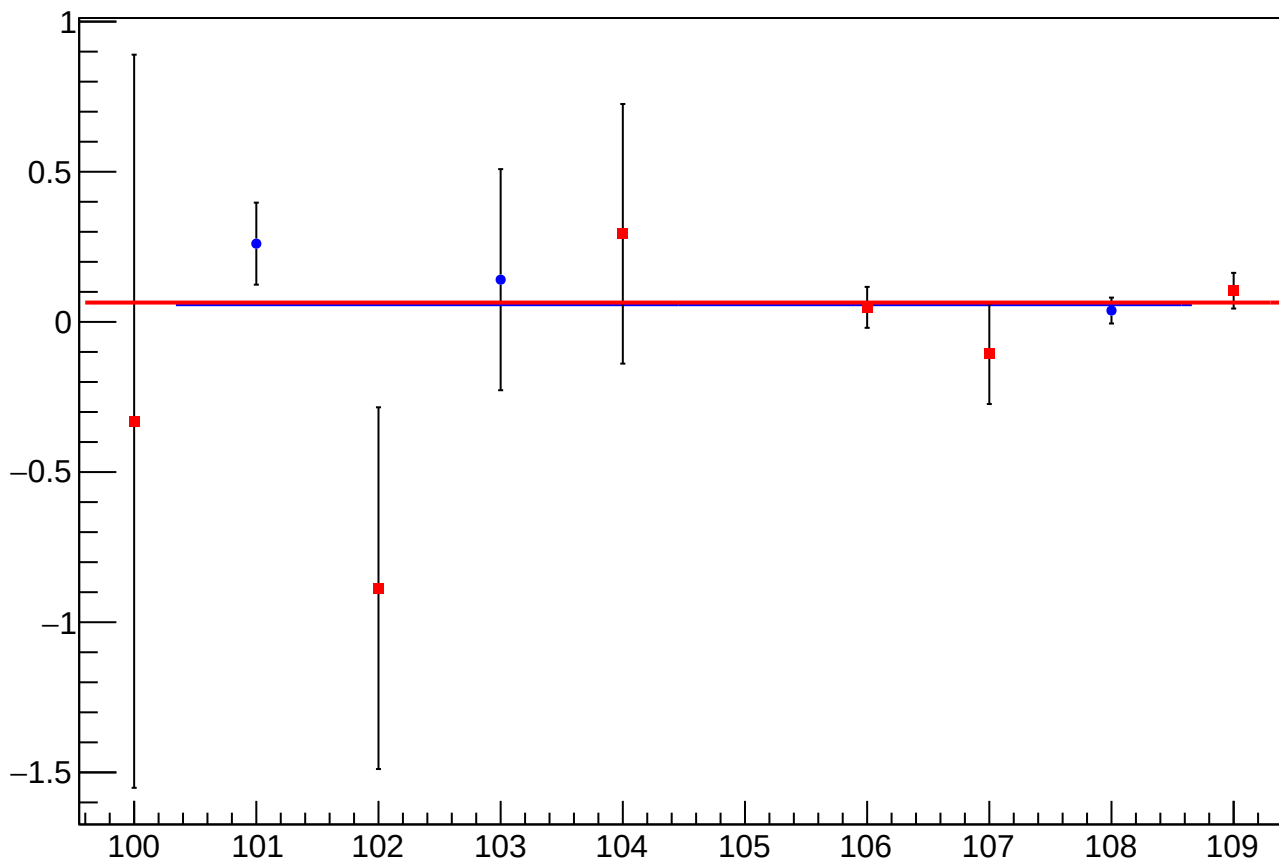
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 842836.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

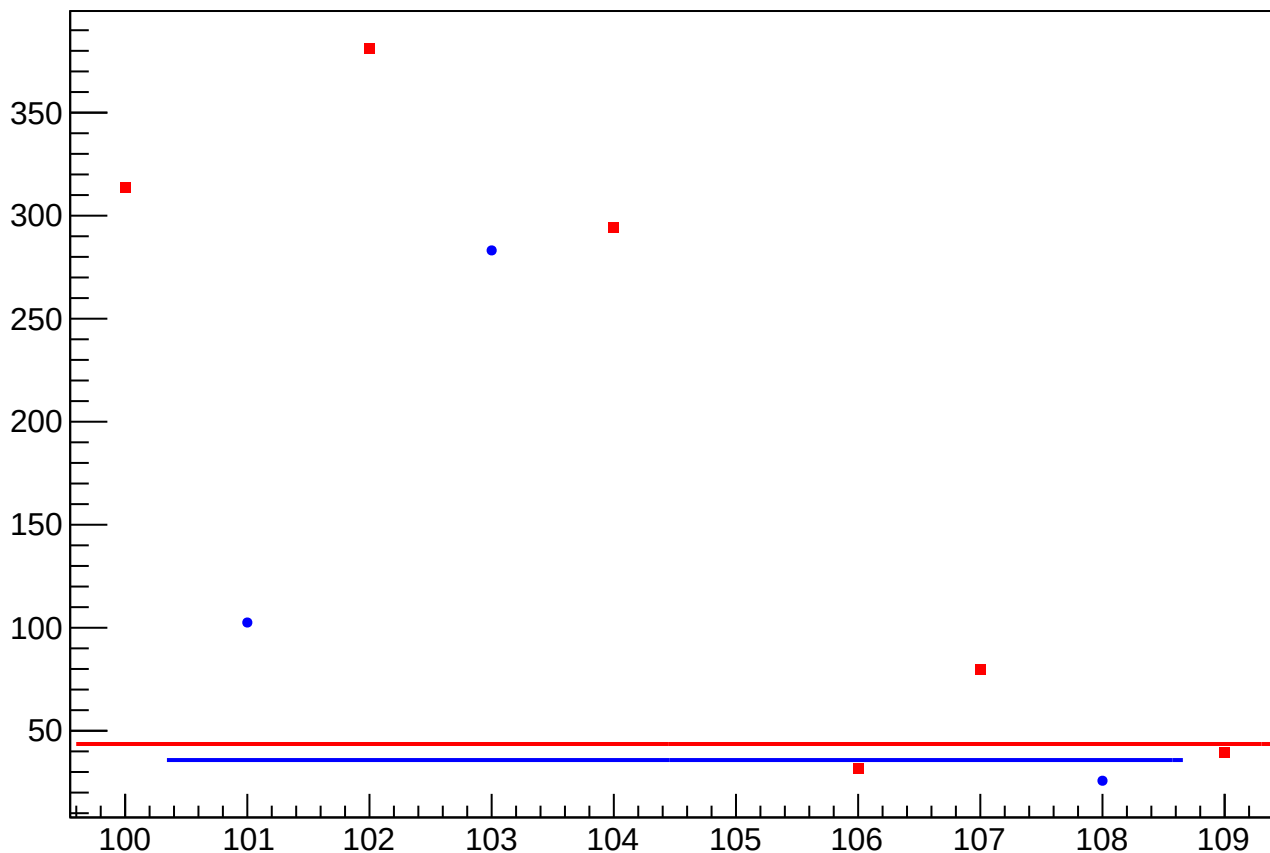
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 35.797 $\pm$ 0.029 χ^2 /NDF: 1489013.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.589 $\pm$ 0.030 χ^2 /NDF: 1561720.9/5

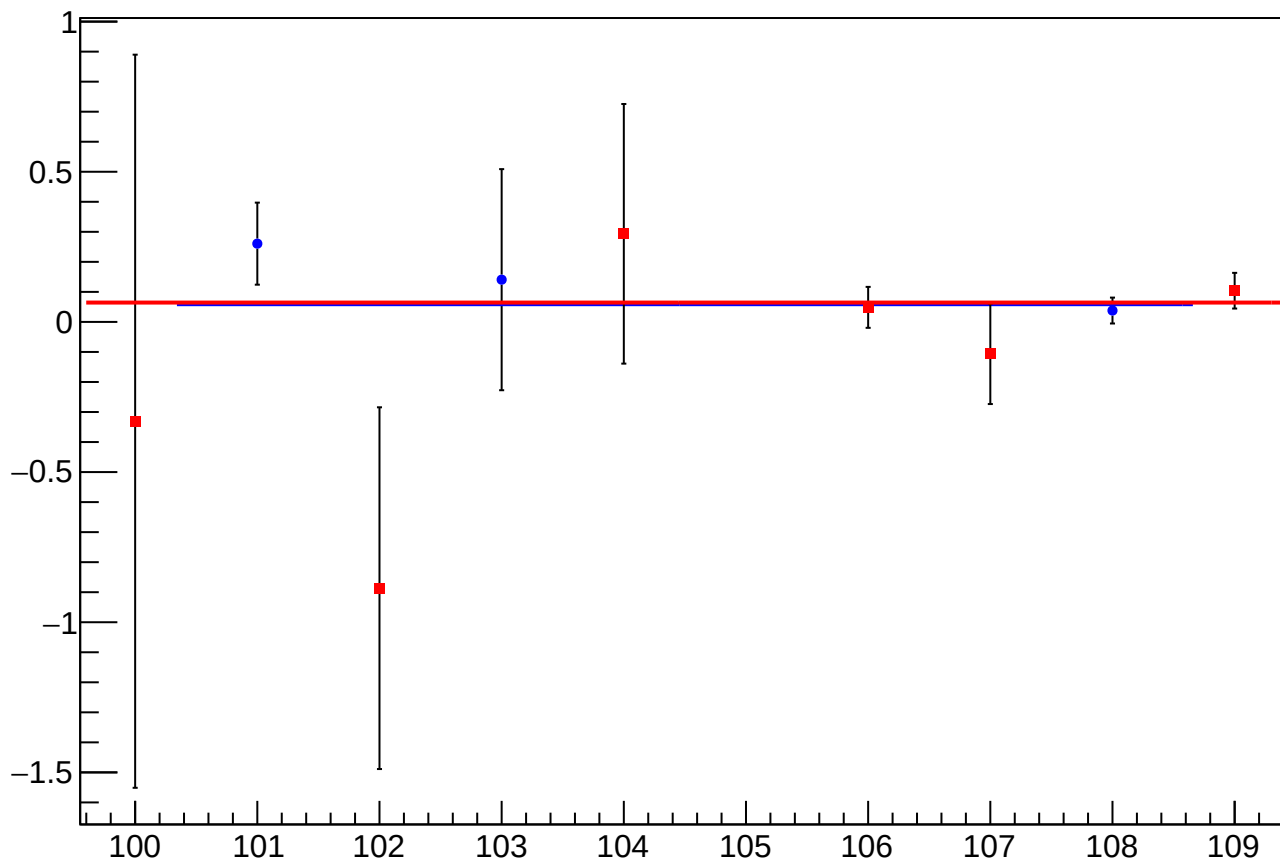
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.502 $\pm$ 0.021 χ^2 /NDF: 3085319.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

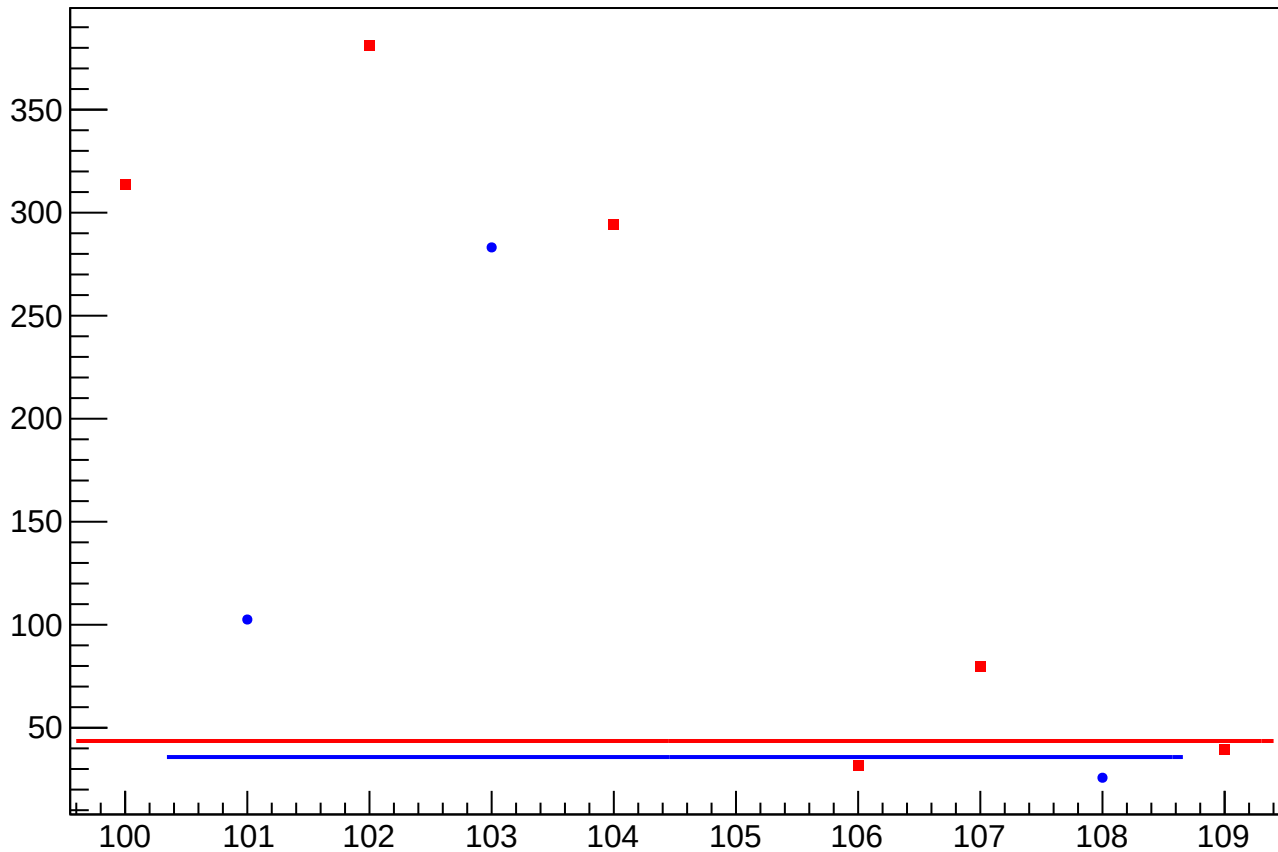
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.797 $\pm$ 0.029 χ^2 /NDF: 1489013.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.589 $\pm$ 0.030 χ^2 /NDF: 1561720.9/5

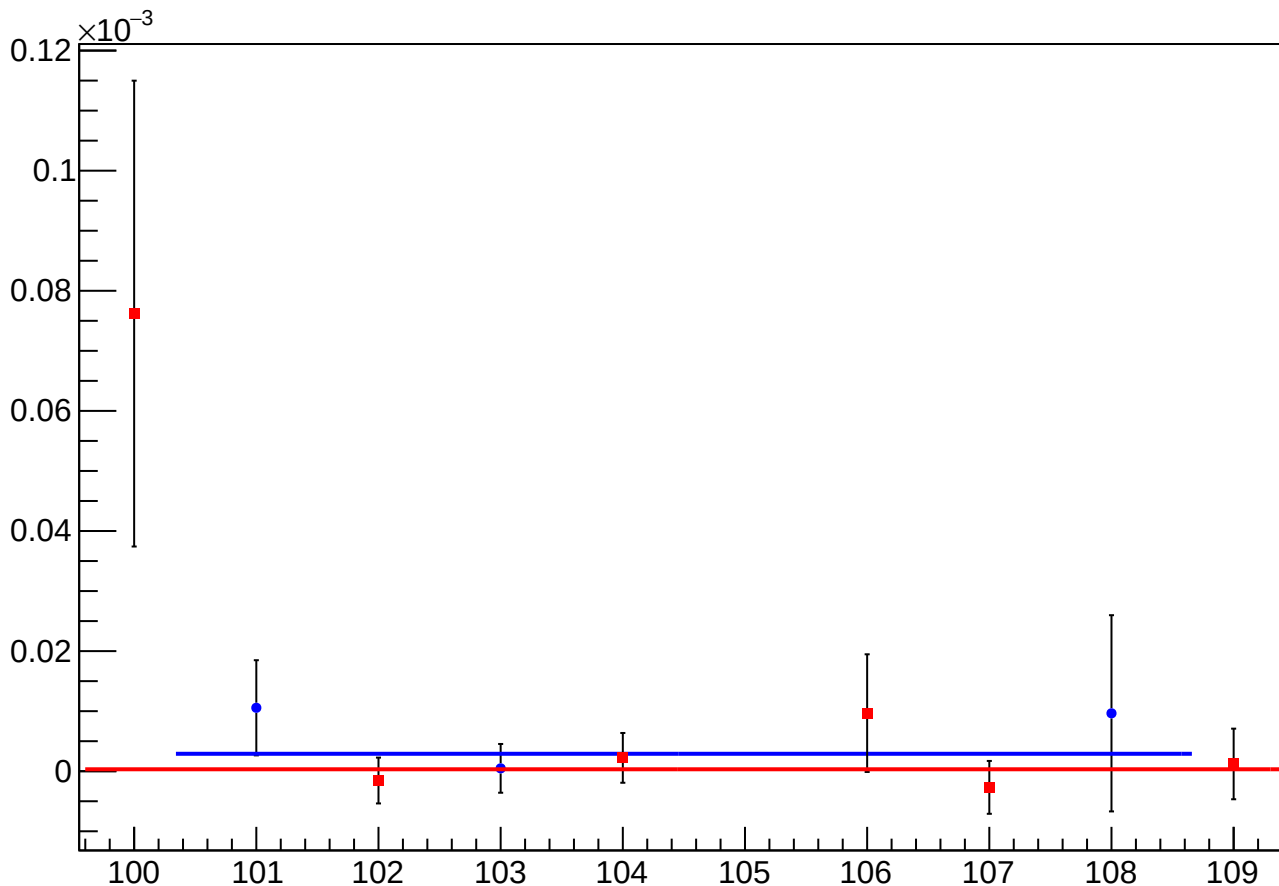
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.502 $\pm$ 0.021 χ^2 /NDF: 3085319.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.7/5

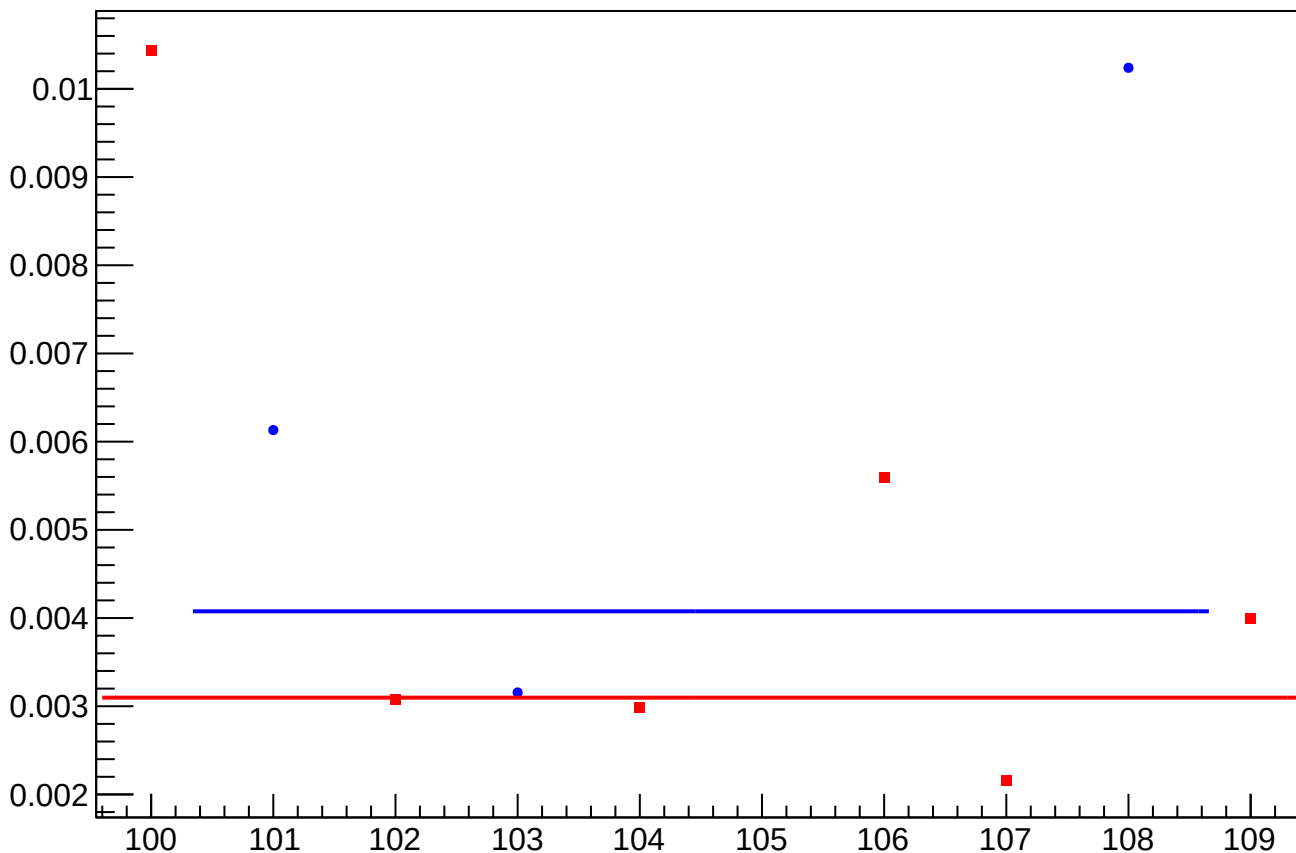
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 521789.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 340863.9/5

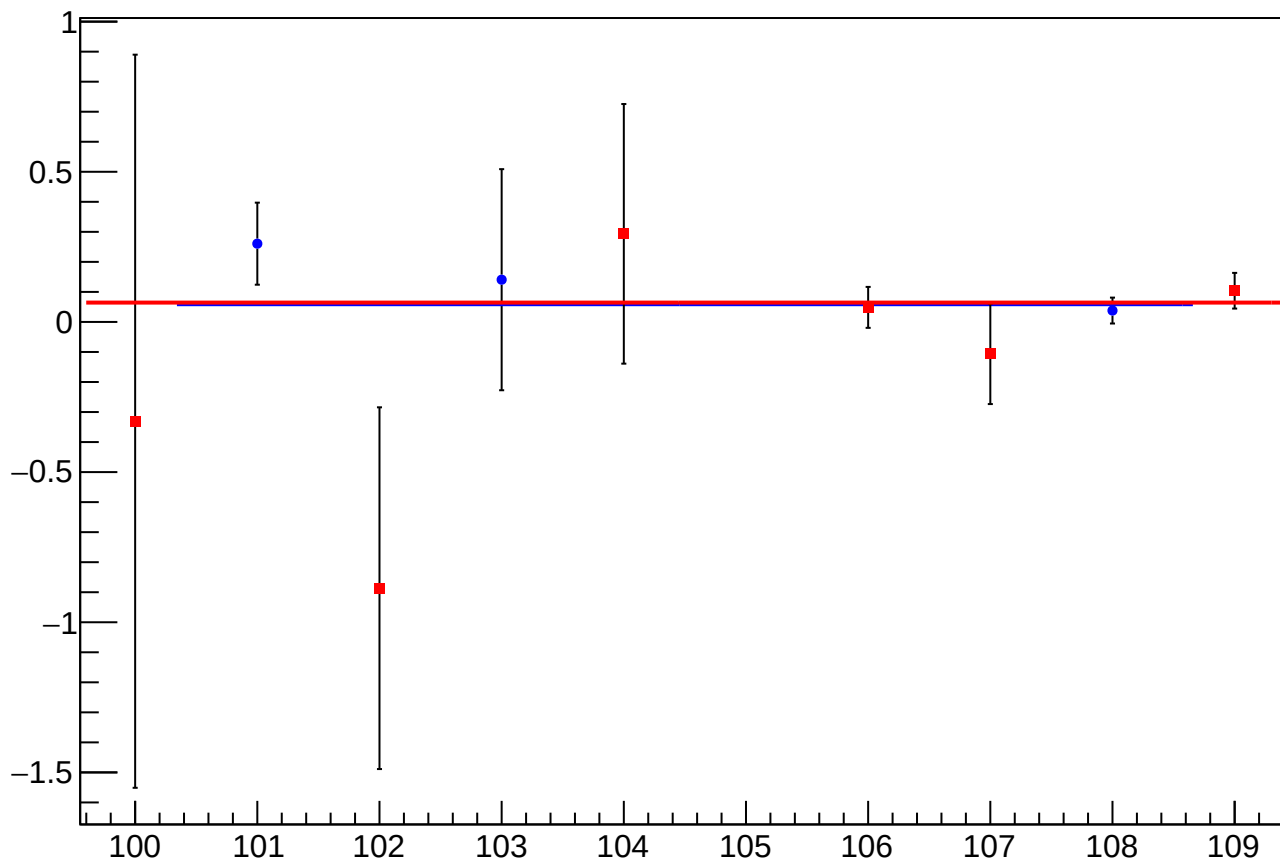
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 975263.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

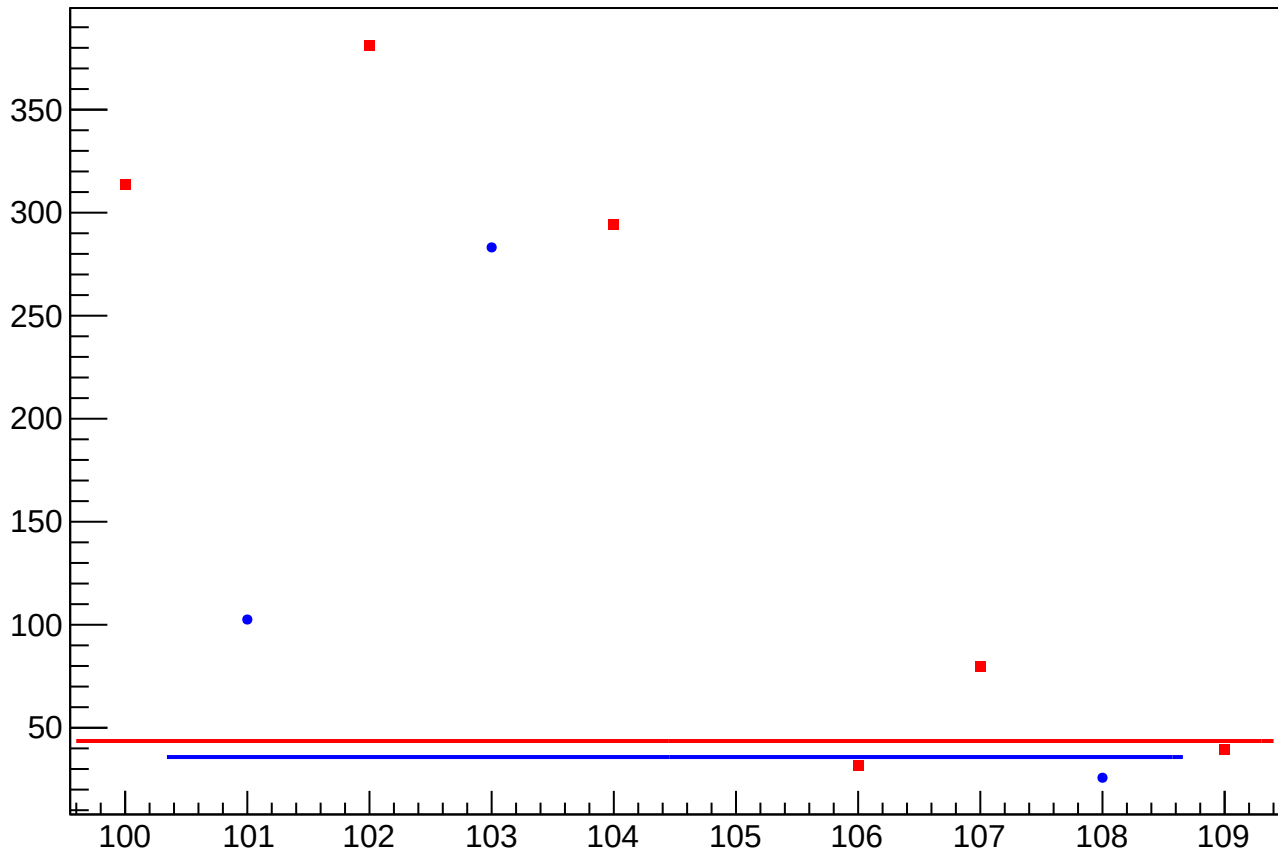
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 35.802 $\pm$ 0.029 χ^2 /NDF: 1488932.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.590 $\pm$ 0.030 χ^2 /NDF: 1561704.0/5

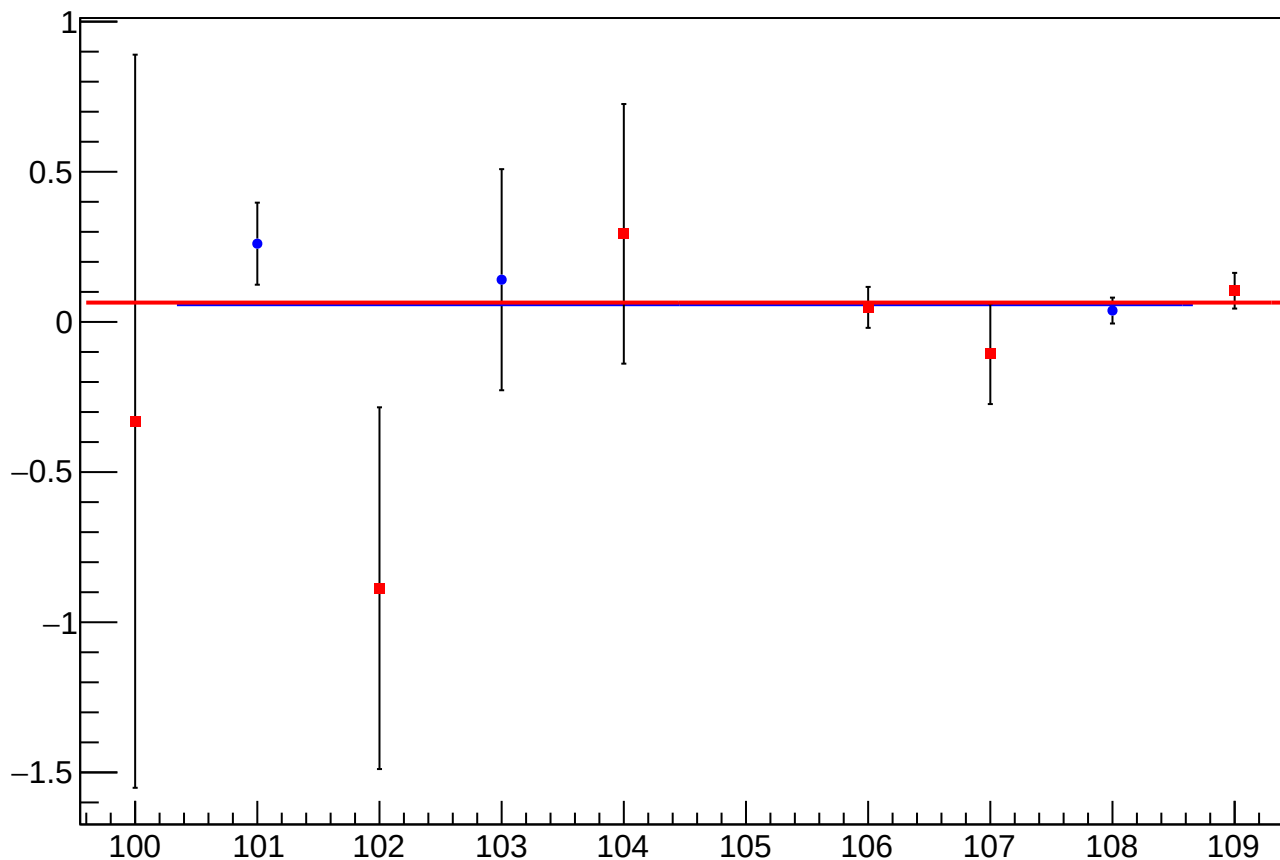
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.505 $\pm$ 0.021 χ^2 /NDF: 3085183.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

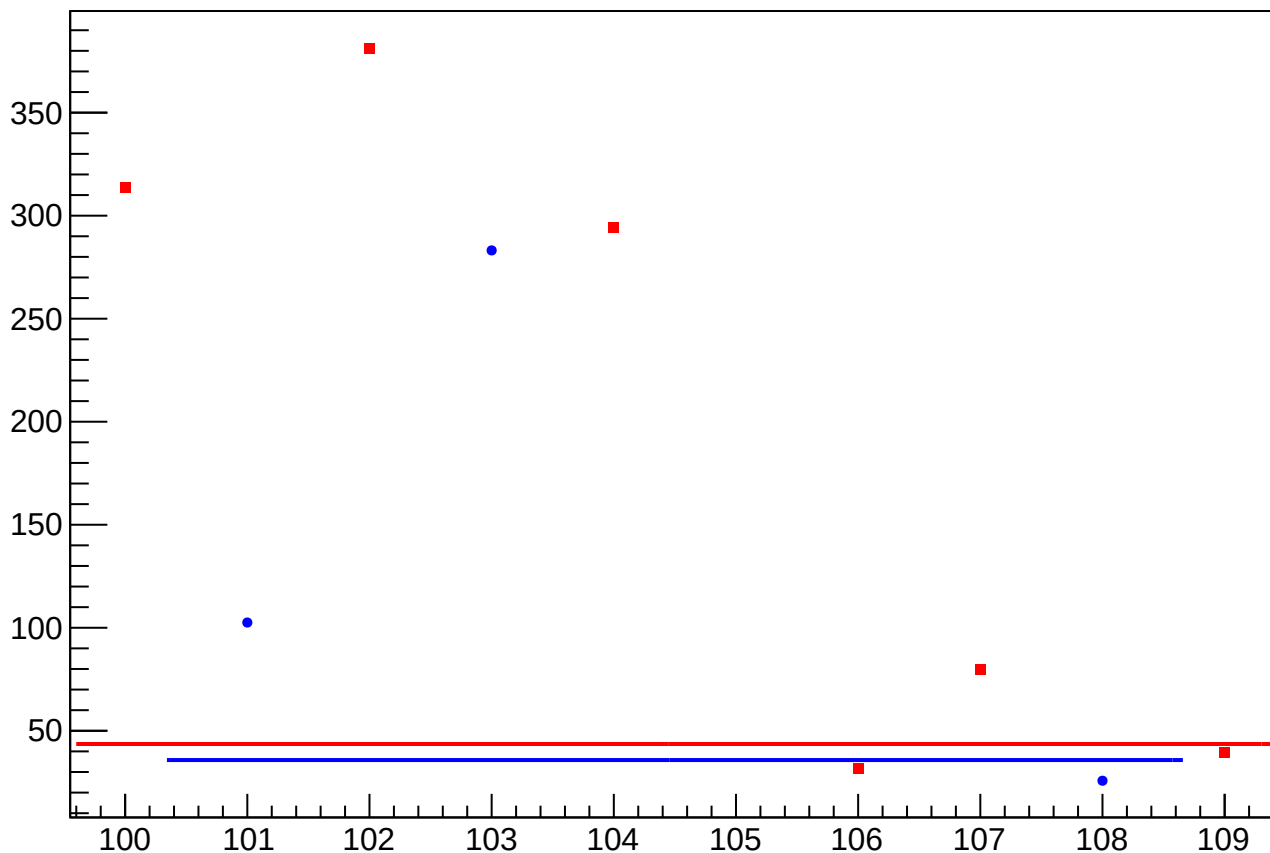
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.802 $\pm$ 0.029 χ^2 /NDF: 1488932.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.590 $\pm$ 0.030 χ^2 /NDF: 1561704.0/5

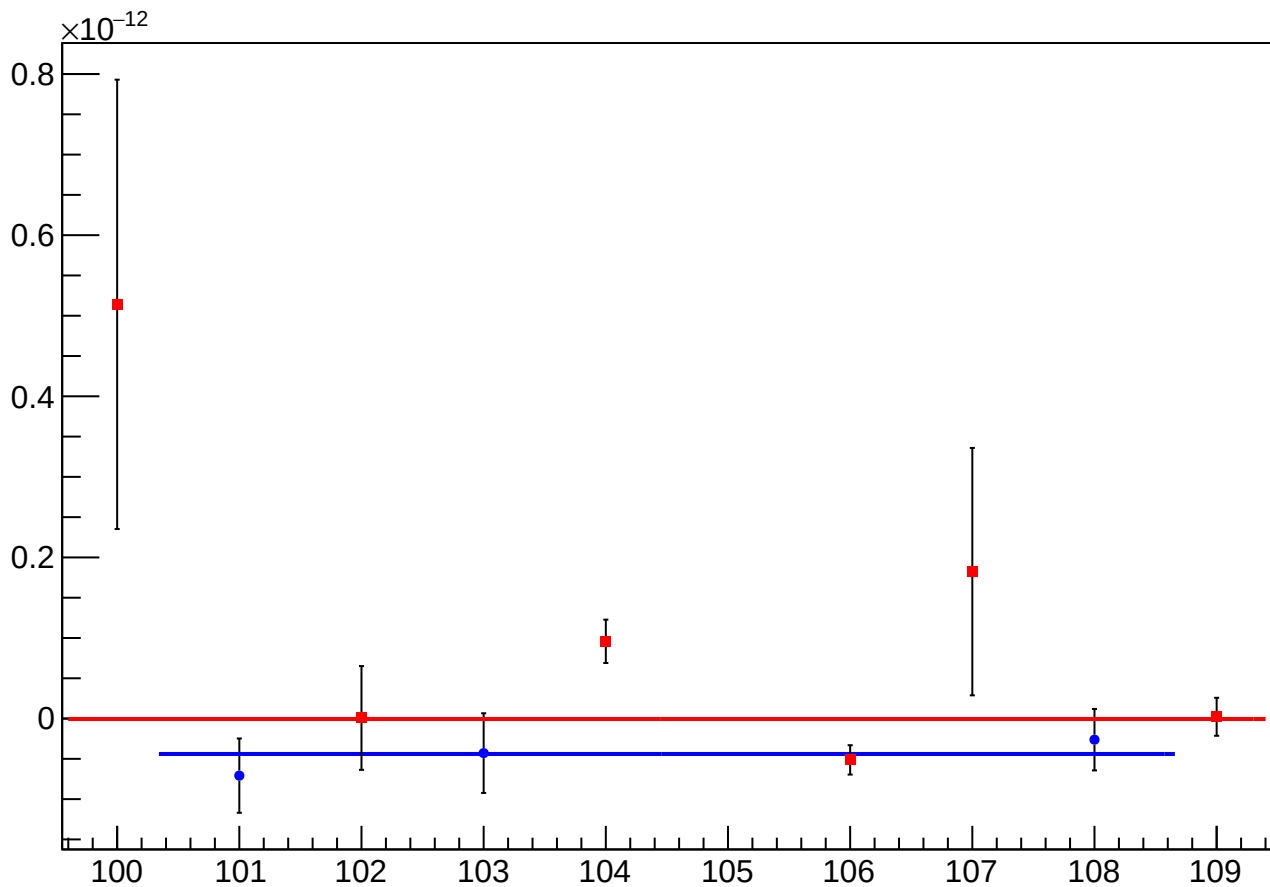
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.505 $\pm$ 0.021 χ^2 /NDF: 3085183.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.4/5

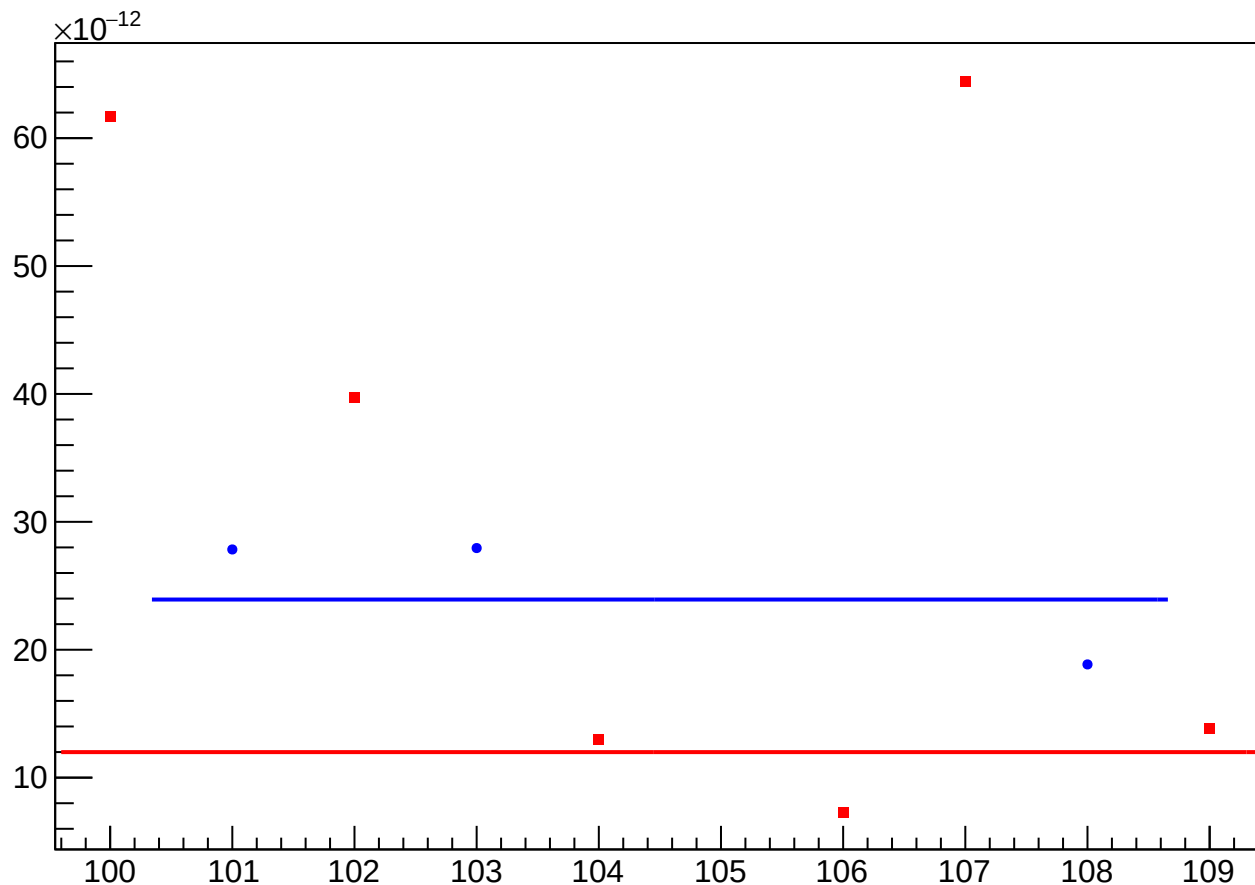
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 63037.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 818217.7/5

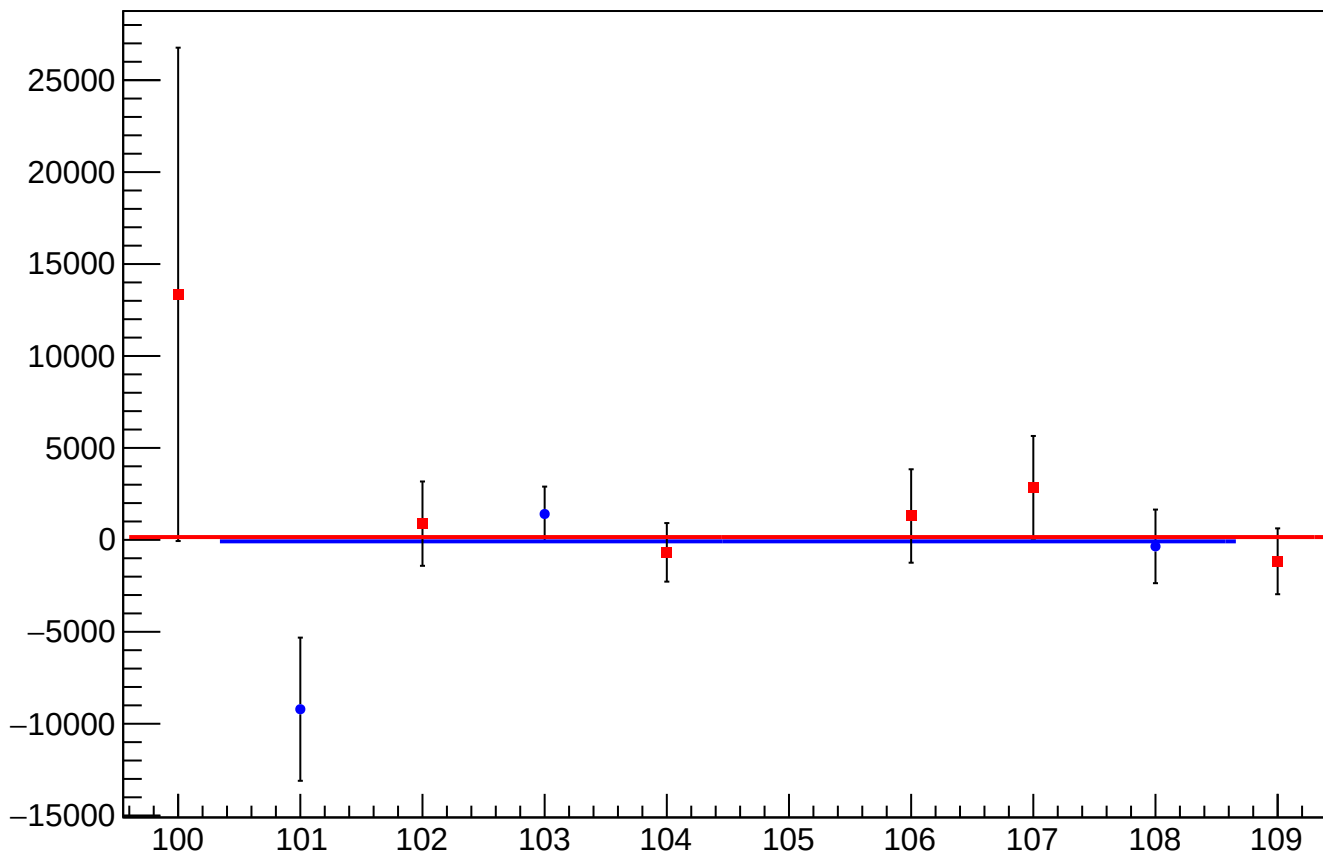
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1240392.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -80.507 $\pm$ 1142.288 χ^2 /NDF: 6.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 152.441 $\pm$ 918.541 χ^2 /NDF: 3.0/5

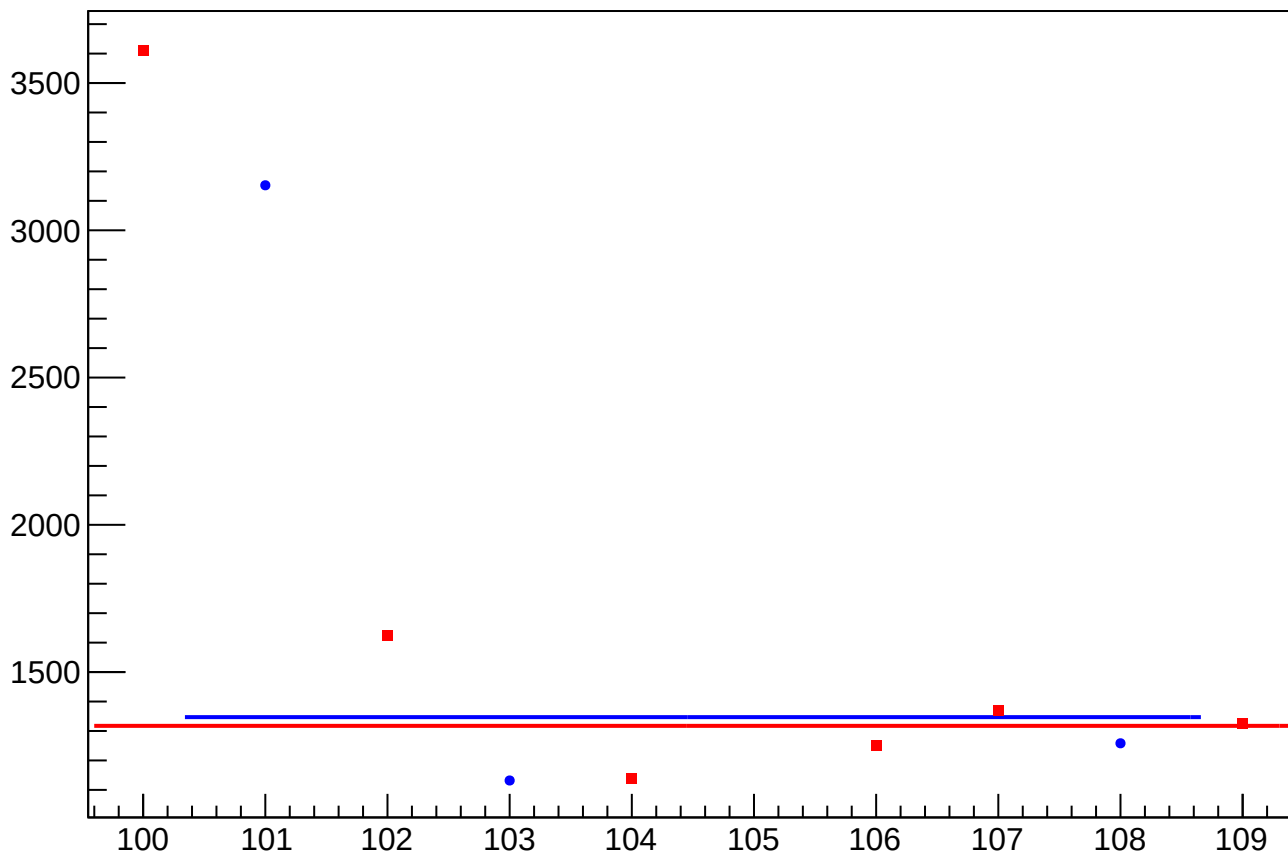
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.964 $\pm$ 715.818 χ^2 /NDF: 9.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1347.039 $\pm$ 0.808 χ^2 /NDF: 475984.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1317.432 $\pm$ 0.649 χ^2 /NDF: 121041.6/5

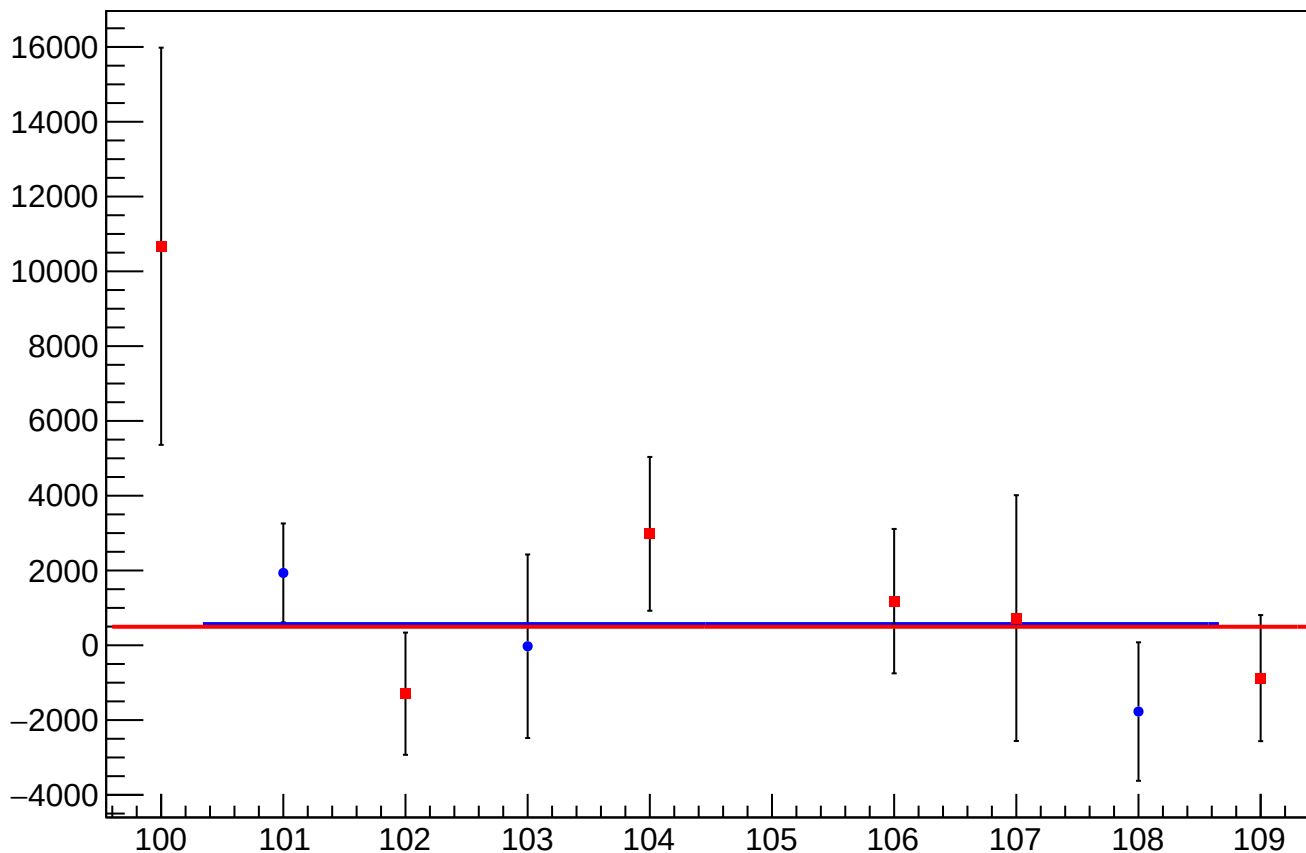
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1329.058 $\pm$ 0.506 χ^2 /NDF: 597842.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug



Right In: 566.989+/-986.038 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.302+/-857.907 χ^2/NDF : 7.1/5

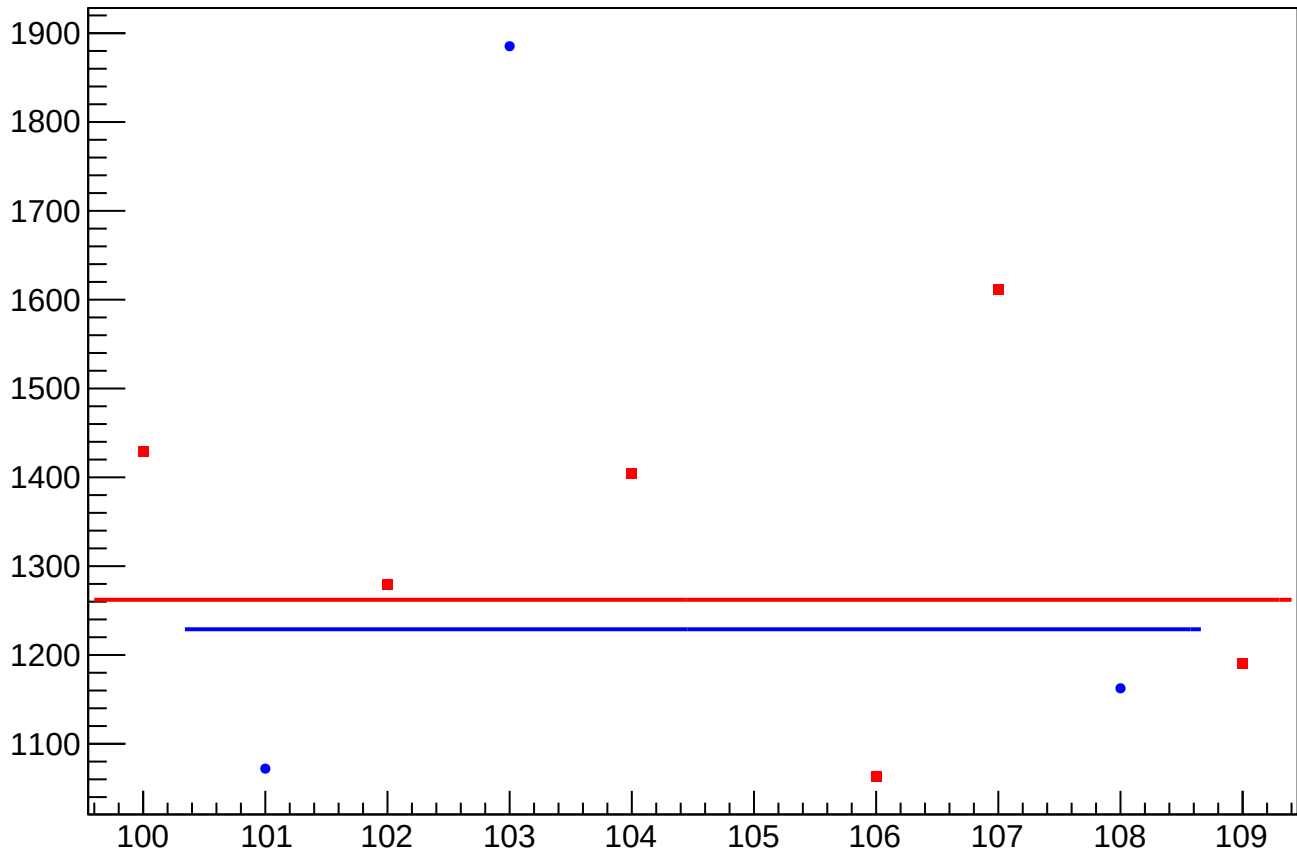
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.188+/-647.224 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug



Right In: 1228.967 $\pm$ 0.697 χ^2 /NDF: 173716.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1262.169 $\pm$ 0.607 χ^2 /NDF: 59198.9/5

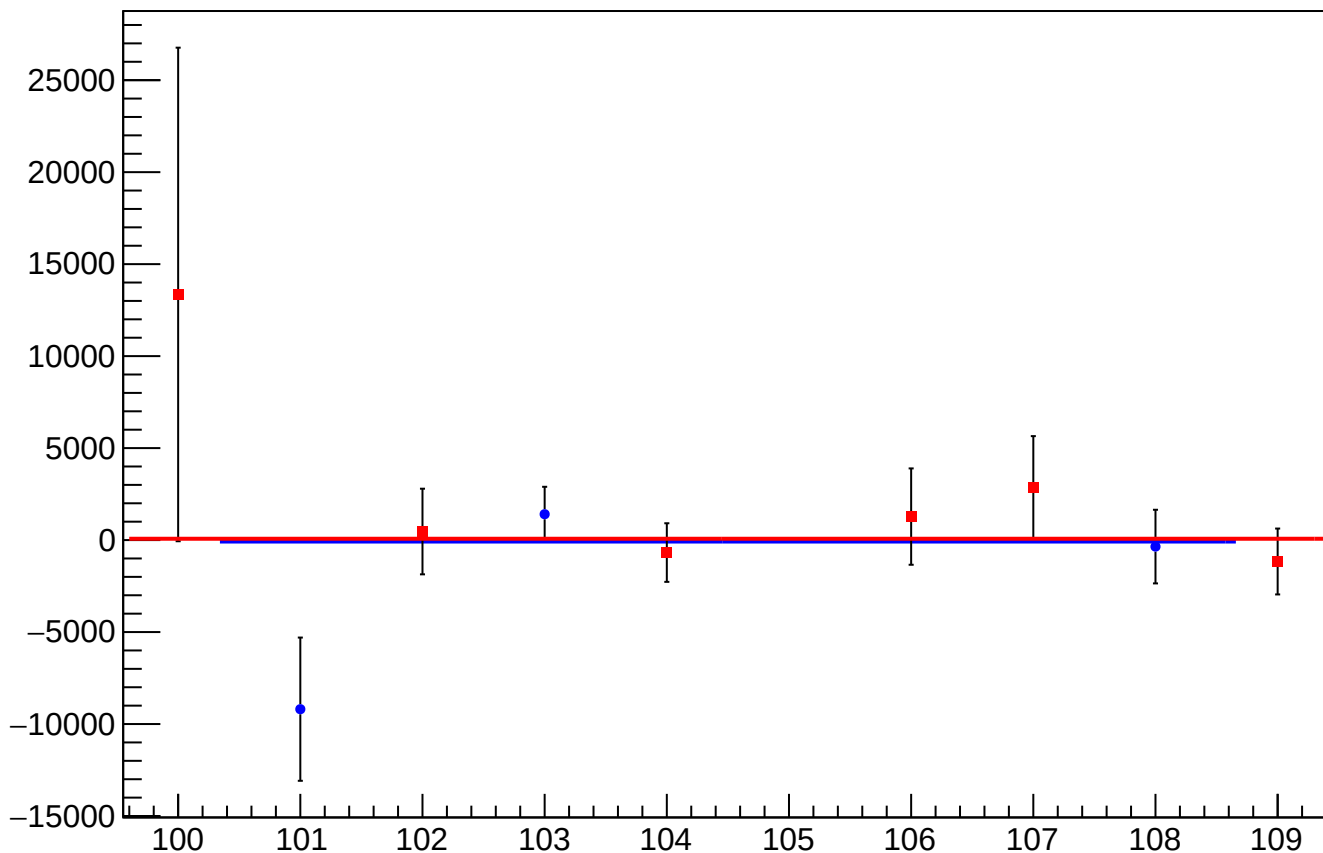
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1247.864 $\pm$ 0.458 χ^2 /NDF: 234206.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -79.009 ± 1142.289 χ^2/NDF : 6.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.852 ± 924.289 χ^2/NDF : 2.9/5

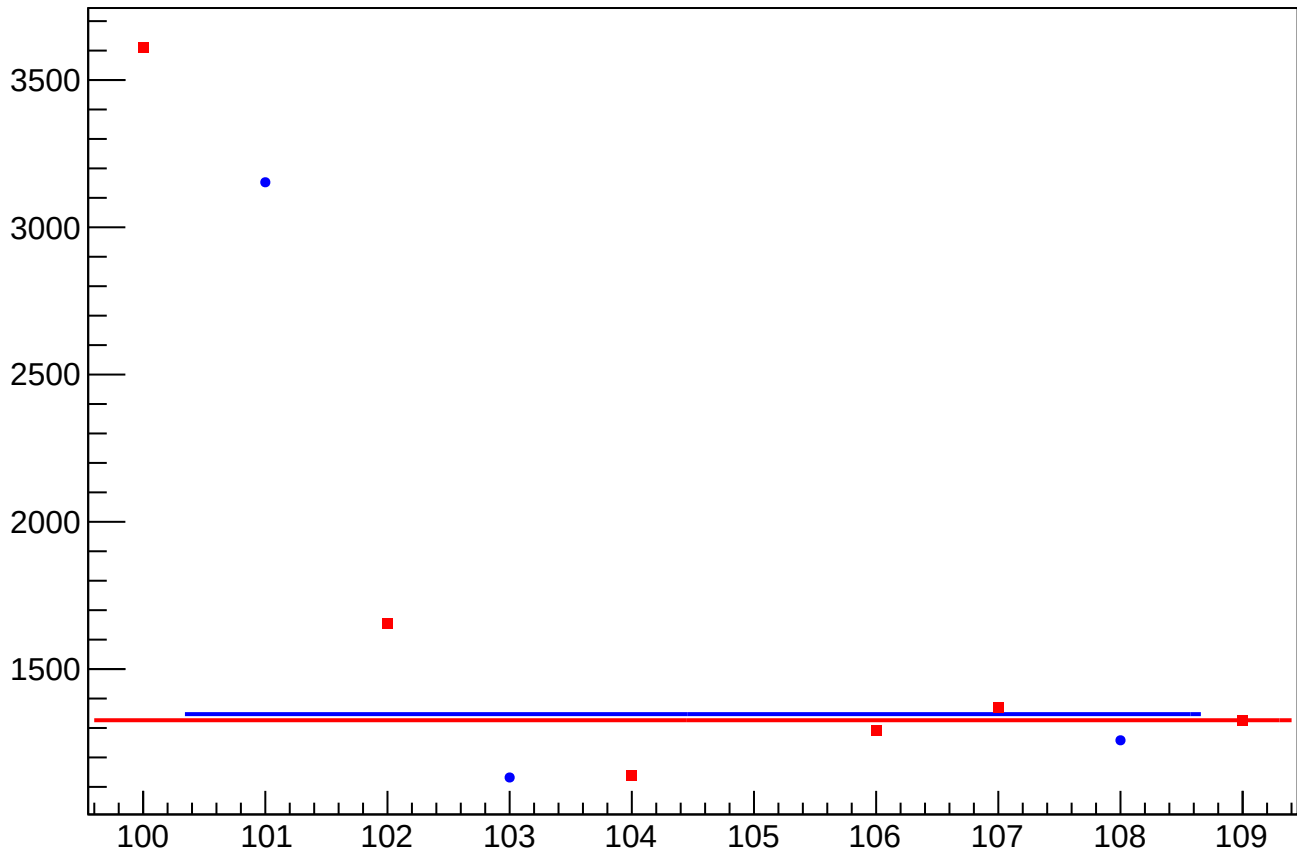
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.161 ± 718.529 χ^2/NDF : 9.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1347.038 $\pm$ 0.808 χ^2 /NDF: 475986.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1326.314 $\pm$ 0.654 χ^2 /NDF: 126136.0/5

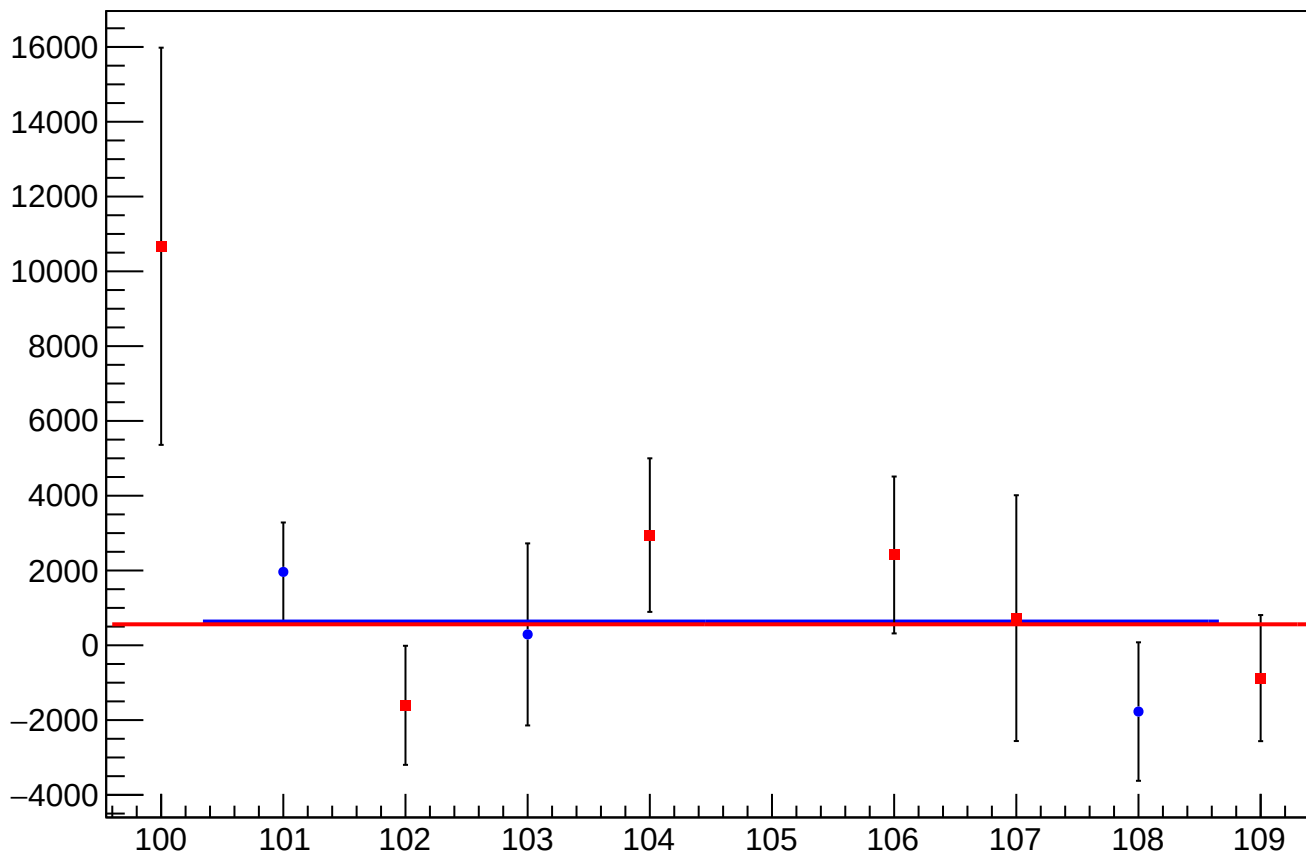
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1334.513 $\pm$ 0.508 χ^2 /NDF: 602520.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.279+/-864.289 χ^2/NDF : 8.3/5

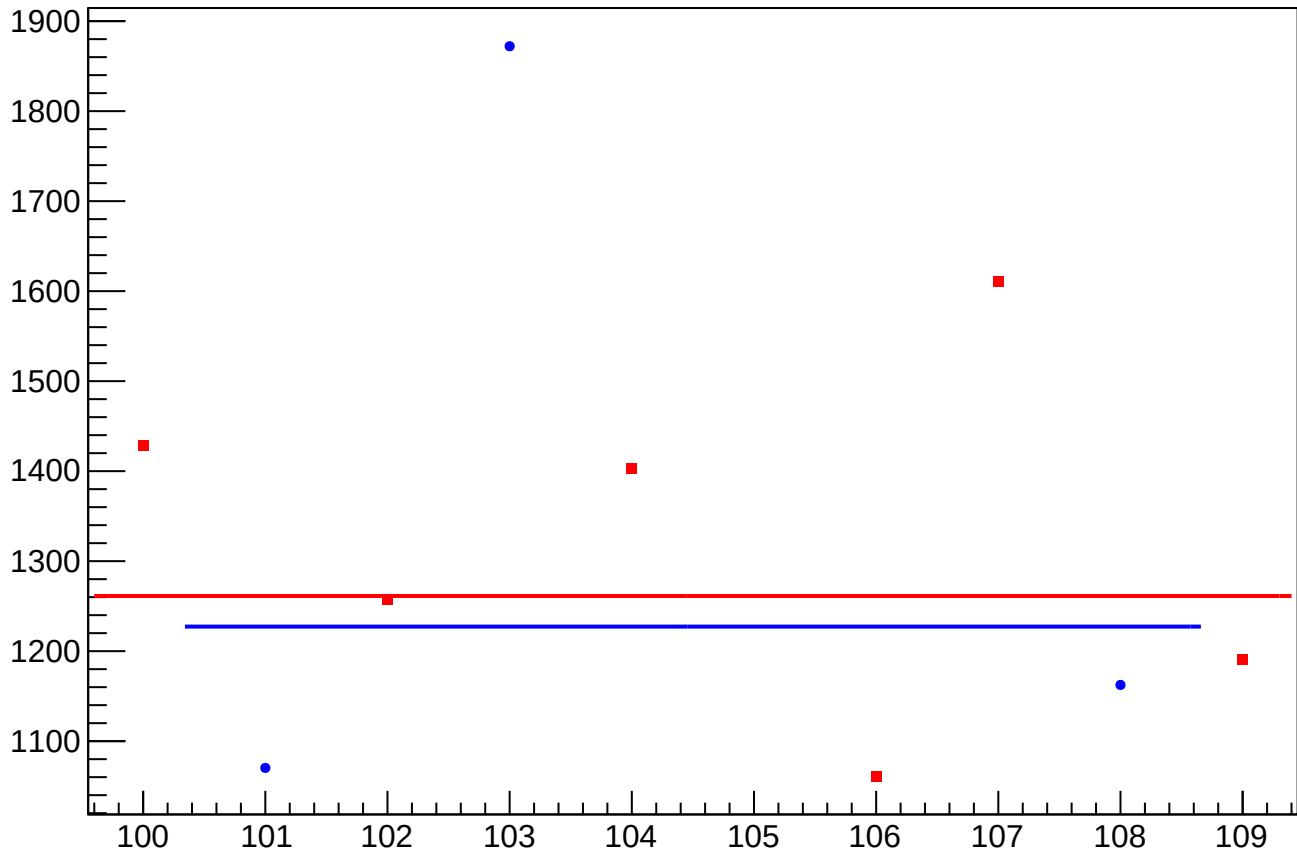
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.367+/-649.325 χ^2/NDF : 11.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

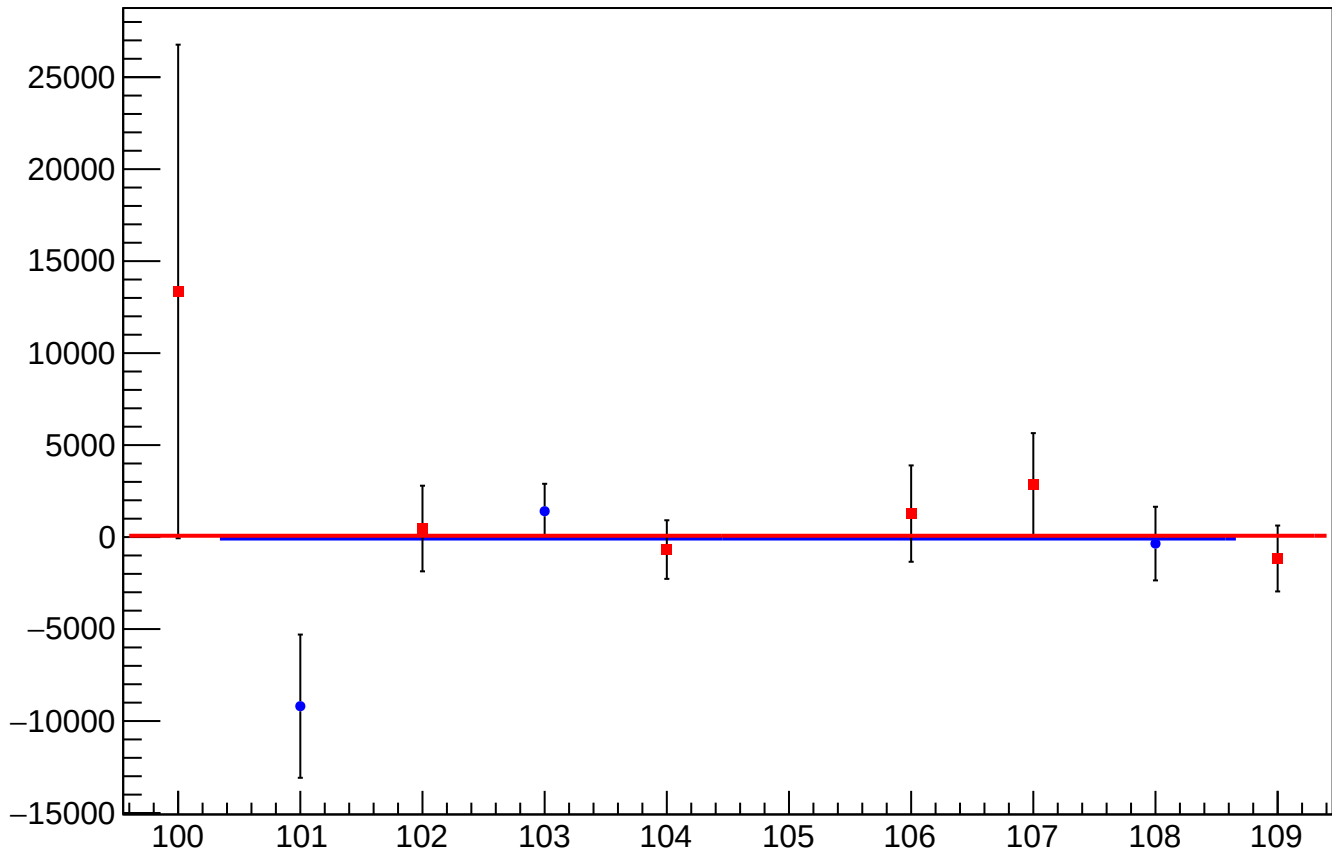
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.492+/-0.459 χ^2/NDF : 228365.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -79.009 ± 1142.289 χ^2/NDF : 6.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.852 ± 924.289 χ^2/NDF : 2.9/5

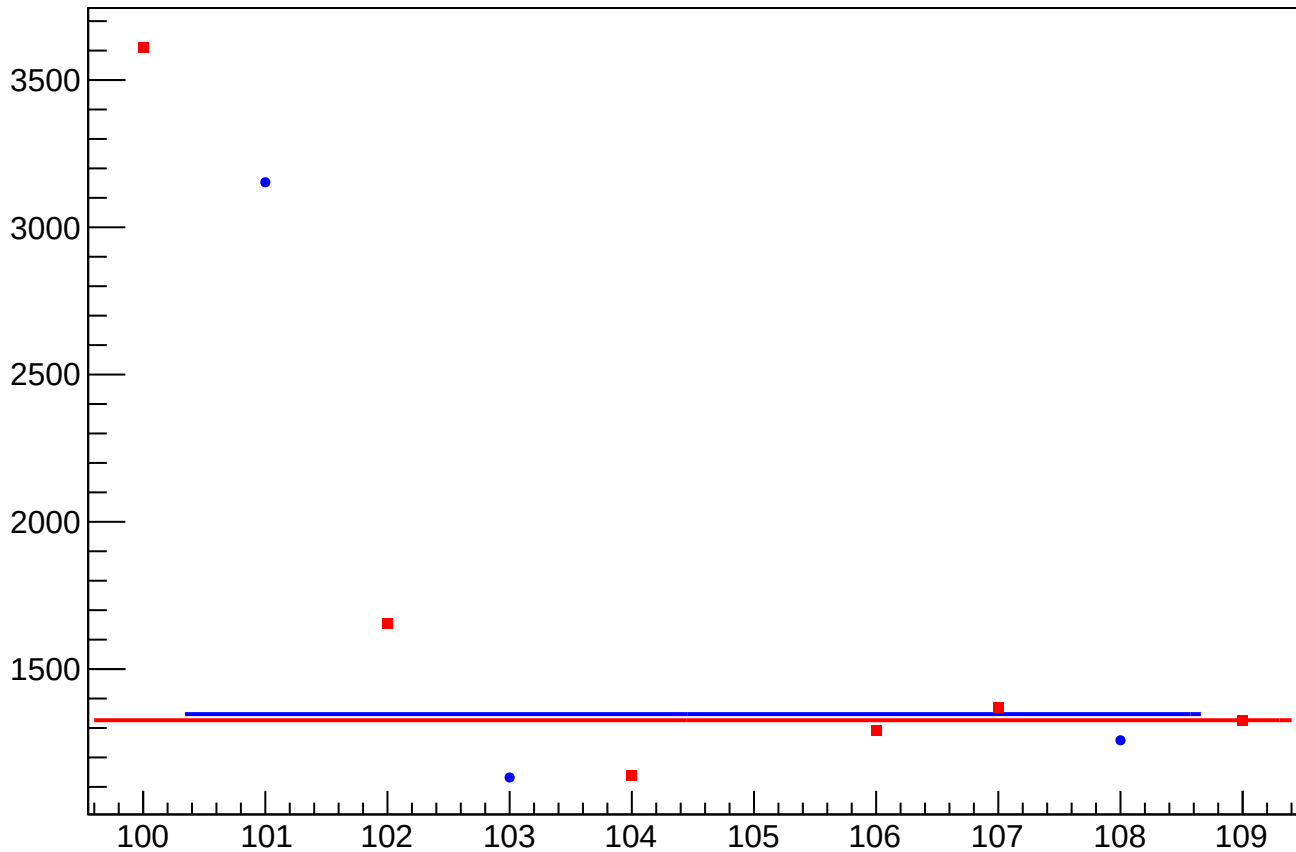
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.161 ± 718.529 χ^2/NDF : 9.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1347.038+/-0.808 χ^2/NDF : 475986.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1326.314+/-0.654 χ^2/NDF : 126136.0/5

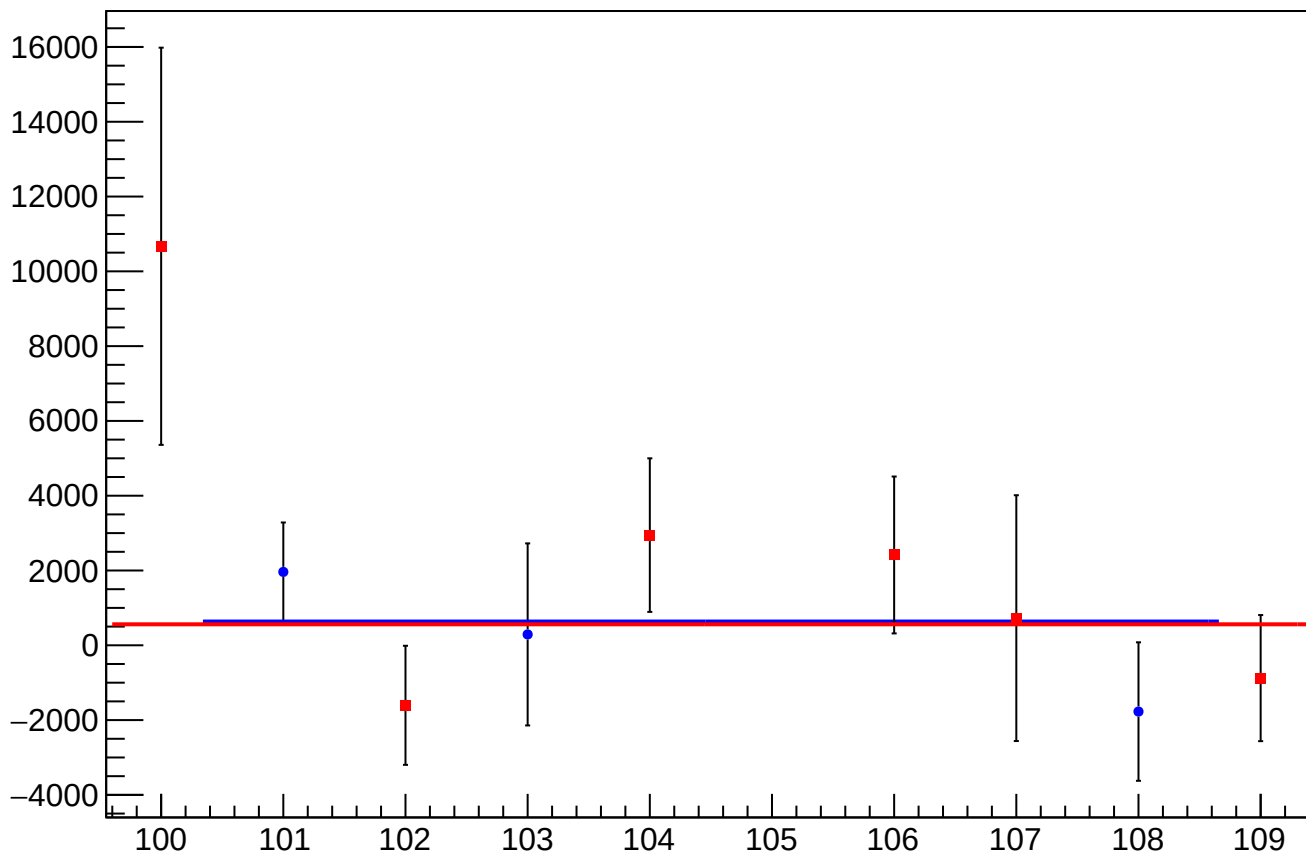
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1334.513+/-0.508 χ^2/NDF : 602520.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.279+/-864.289 χ^2/NDF : 8.3/5

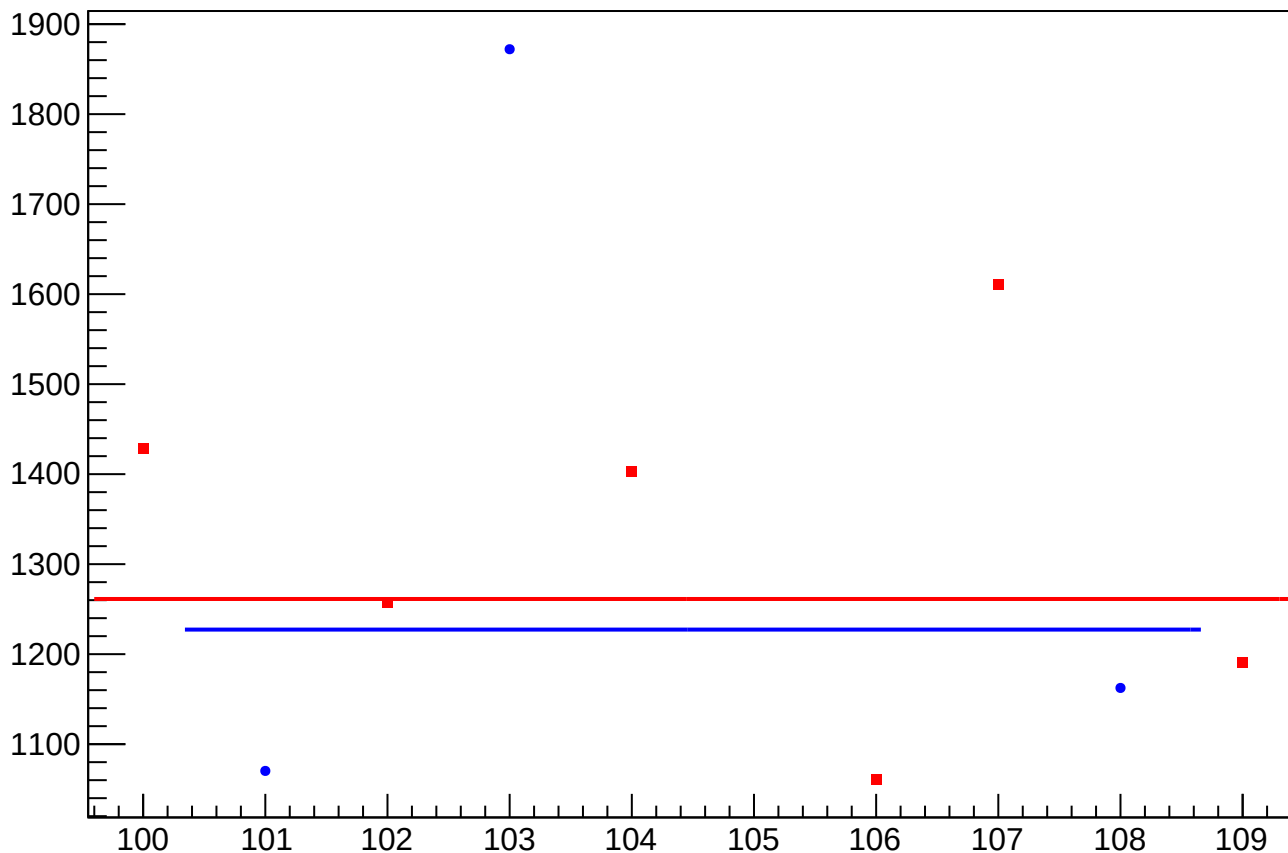
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.367+/-649.325 χ^2/NDF : 11.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

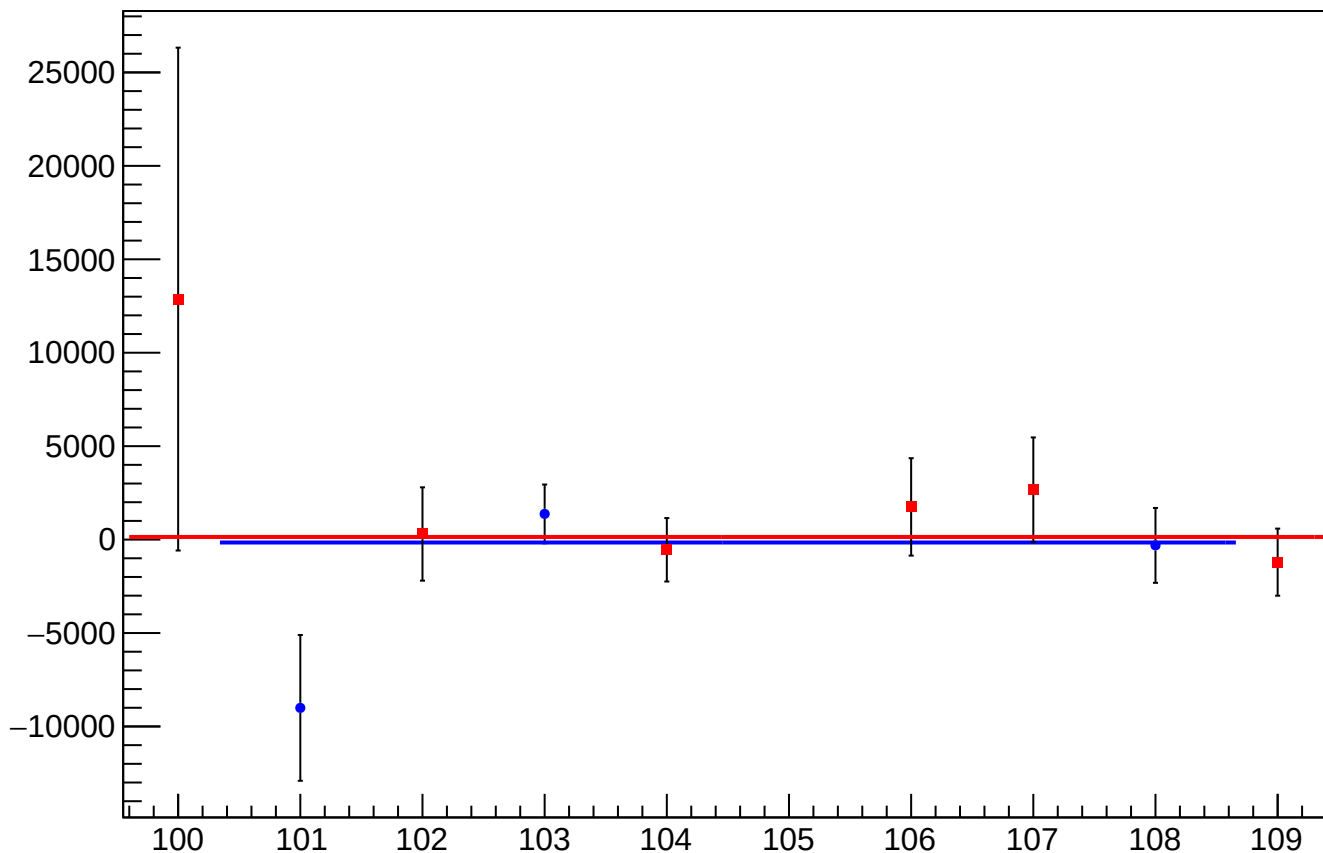
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.492+/-0.459 χ^2/NDF : 228365.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -155.334 $\pm$ 1178.516 χ^2 /NDF: 6.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 141.036 $\pm$ 954.312 χ^2 /NDF: 2.8/5

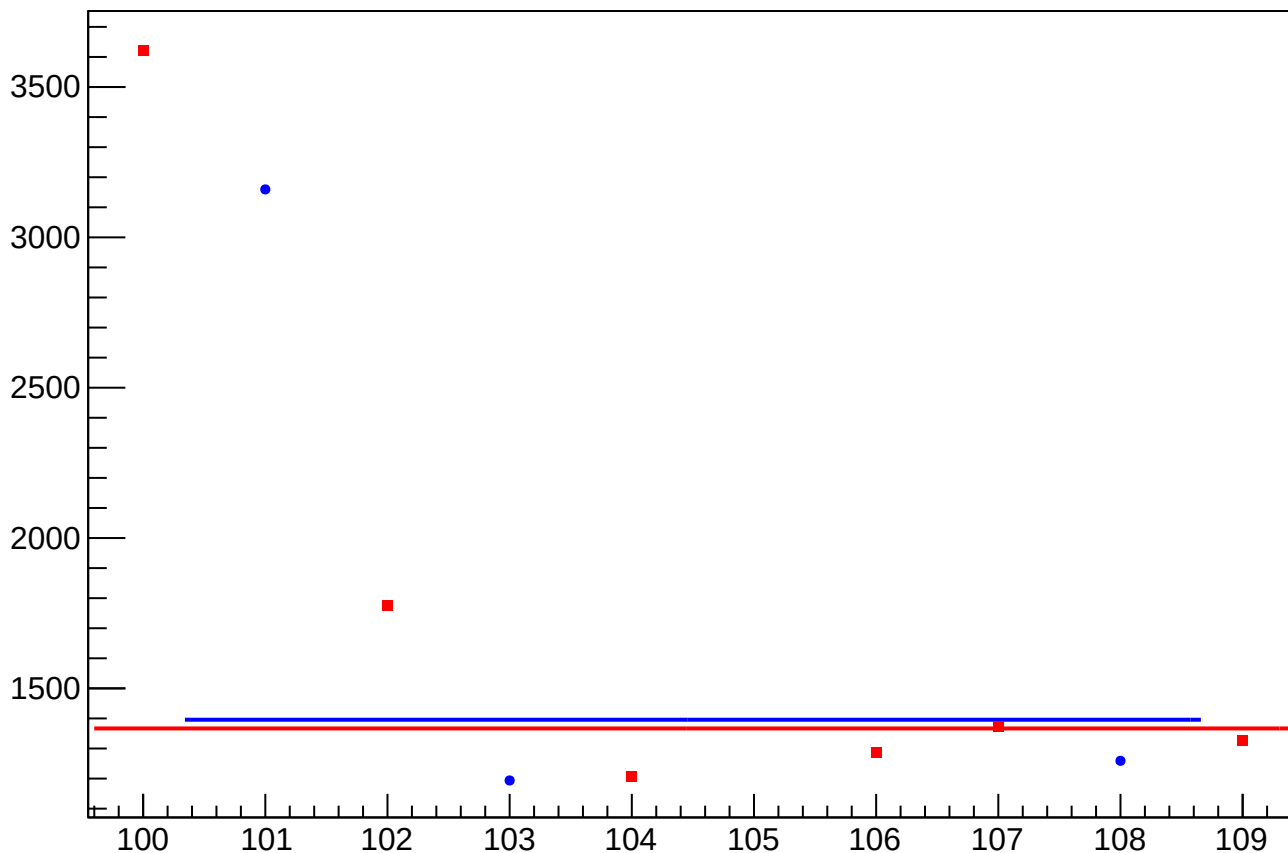
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.665 $\pm$ 741.649 χ^2 /NDF: 9.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1395.724 $\pm$ 0.833 χ^2 /NDF: 451136.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1366.726 $\pm$ 0.675 χ^2 /NDF: 130294.6/5

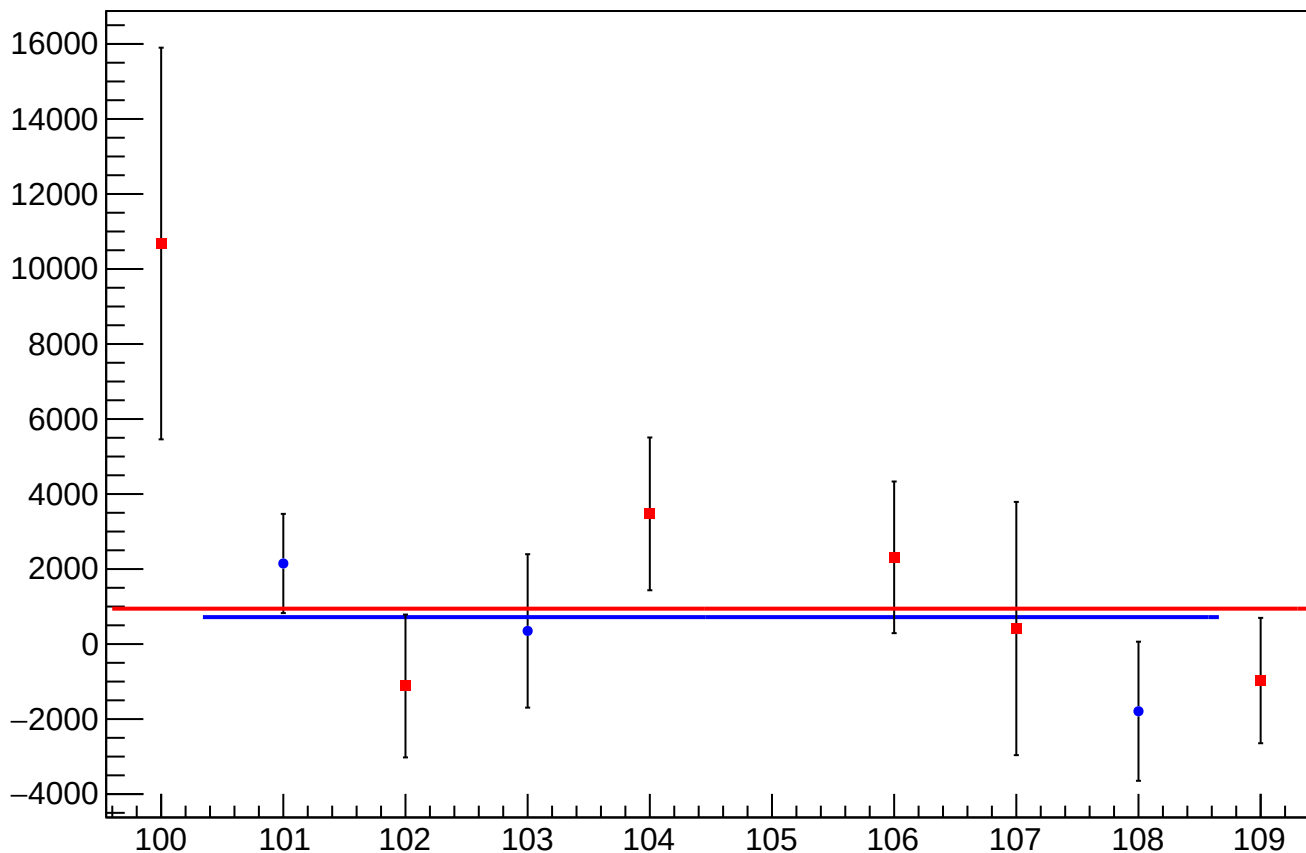
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1378.210 $\pm$ 0.524 χ^2 /NDF: 582162.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug



Right In: 718.415 $\pm$ 952.825 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 943.840 $\pm$ -896.610 χ^2 /NDF: 8.0/5

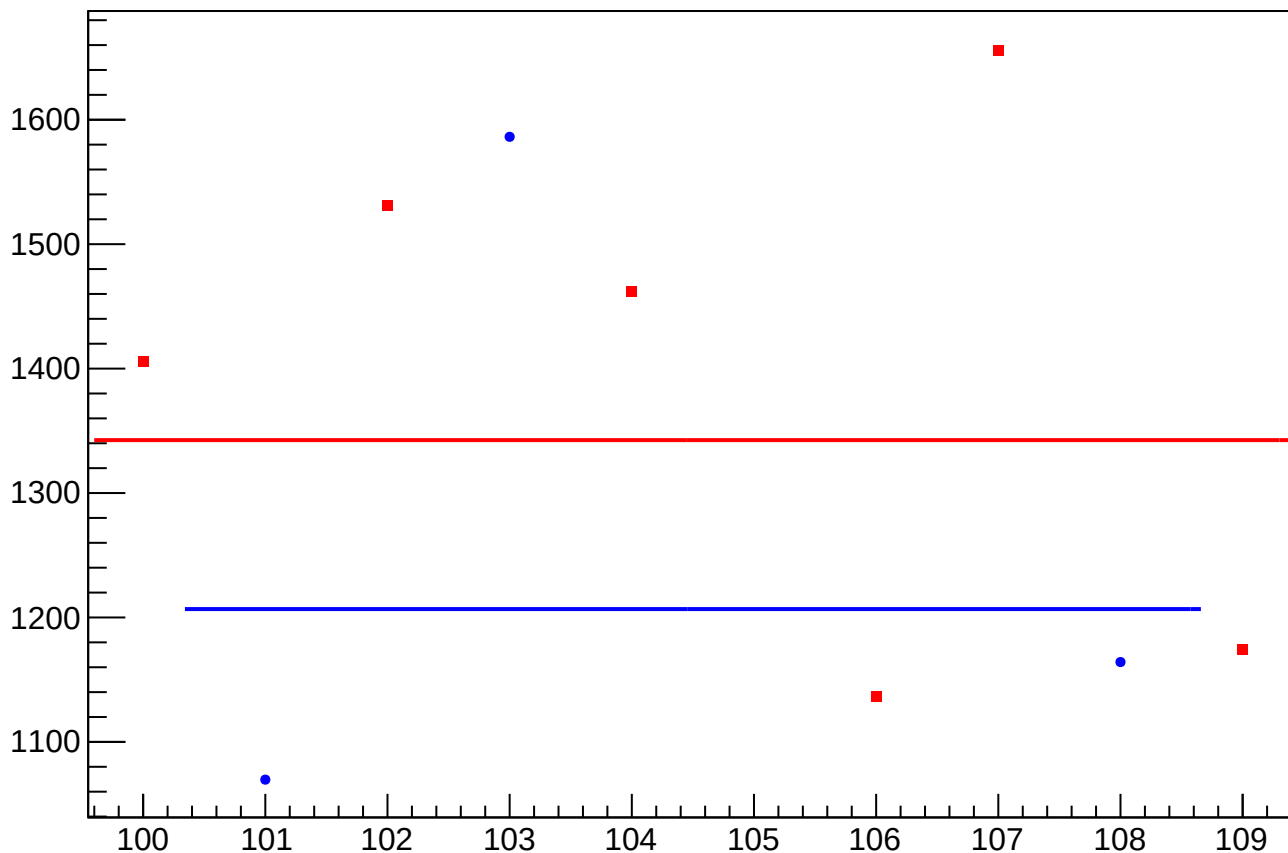
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: 837.973 $\pm$ -652.968 χ^2 /NDF: 11.0/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1206.751 $\pm$ 0.674 χ^2 /NDF: 91406.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1342.528 $\pm$ 0.634 χ^2 /NDF: 85089.1/5

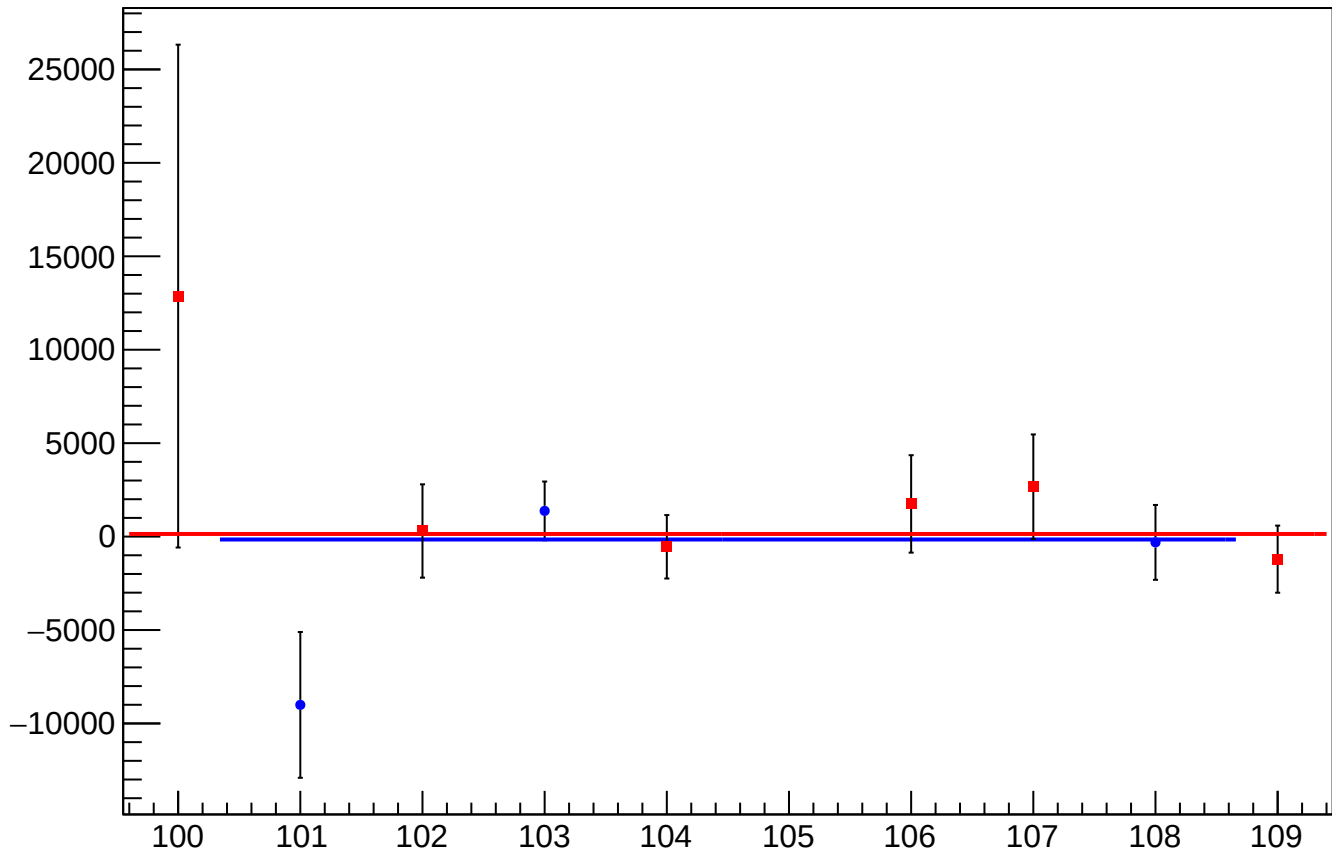
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1278.762 $\pm$ 0.462 χ^2 /NDF: 198035.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -155.339+/-1178.516 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.039+/-954.312 χ^2/NDF : 2.8/5

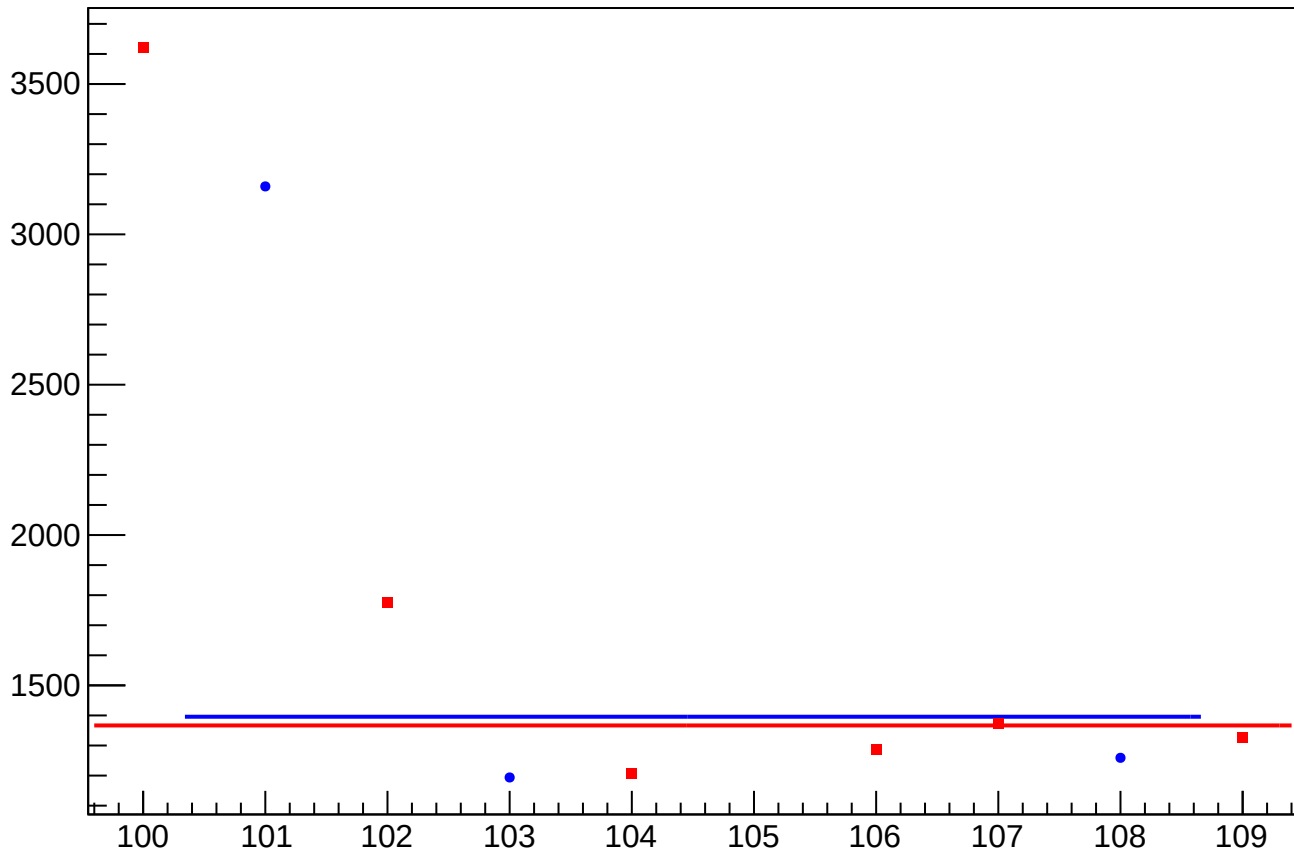
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.665+/-741.649 χ^2/NDF : 9.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1395.723+/-0.833 χ^2/NDF : 451137.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.726+/-0.675 χ^2/NDF : 130294.5/5

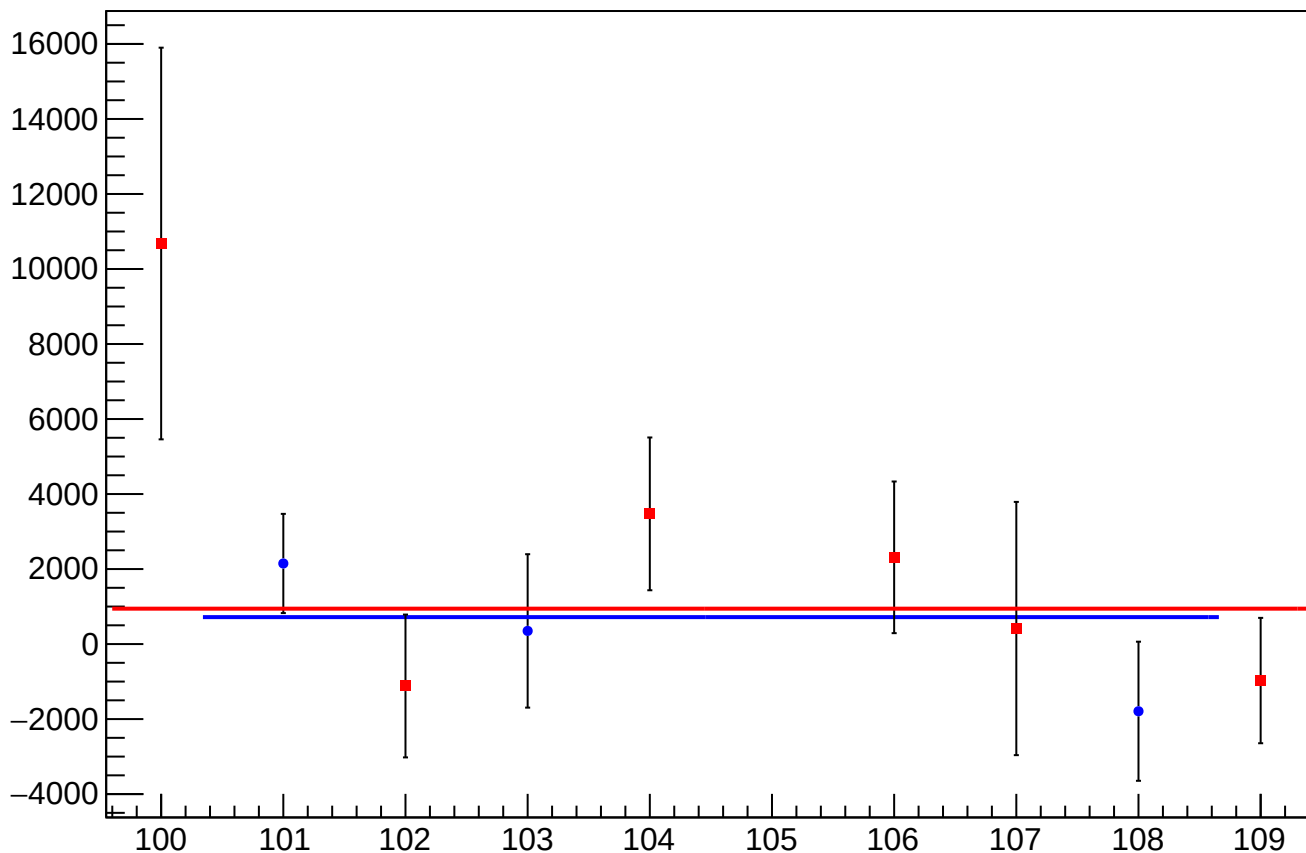
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.209+/-0.524 χ^2/NDF : 582162.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 718.409+/-952.820 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.844+/-896.610 χ^2/NDF : 8.0/5

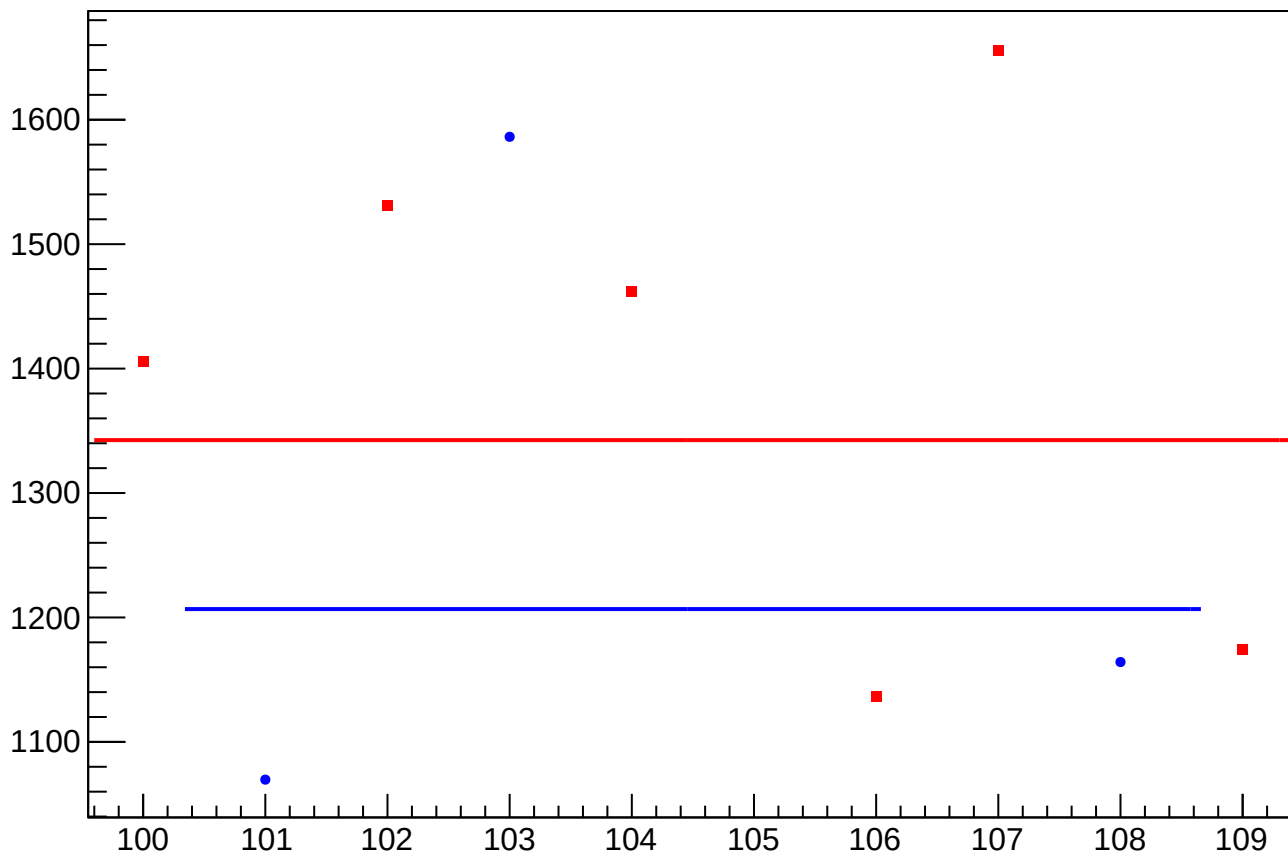
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.972+/-652.967 χ^2/NDF : 11.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1206.744+/-0.674 χ^2/NDF : 91411.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.527+/-0.634 χ^2/NDF : 85090.9/5

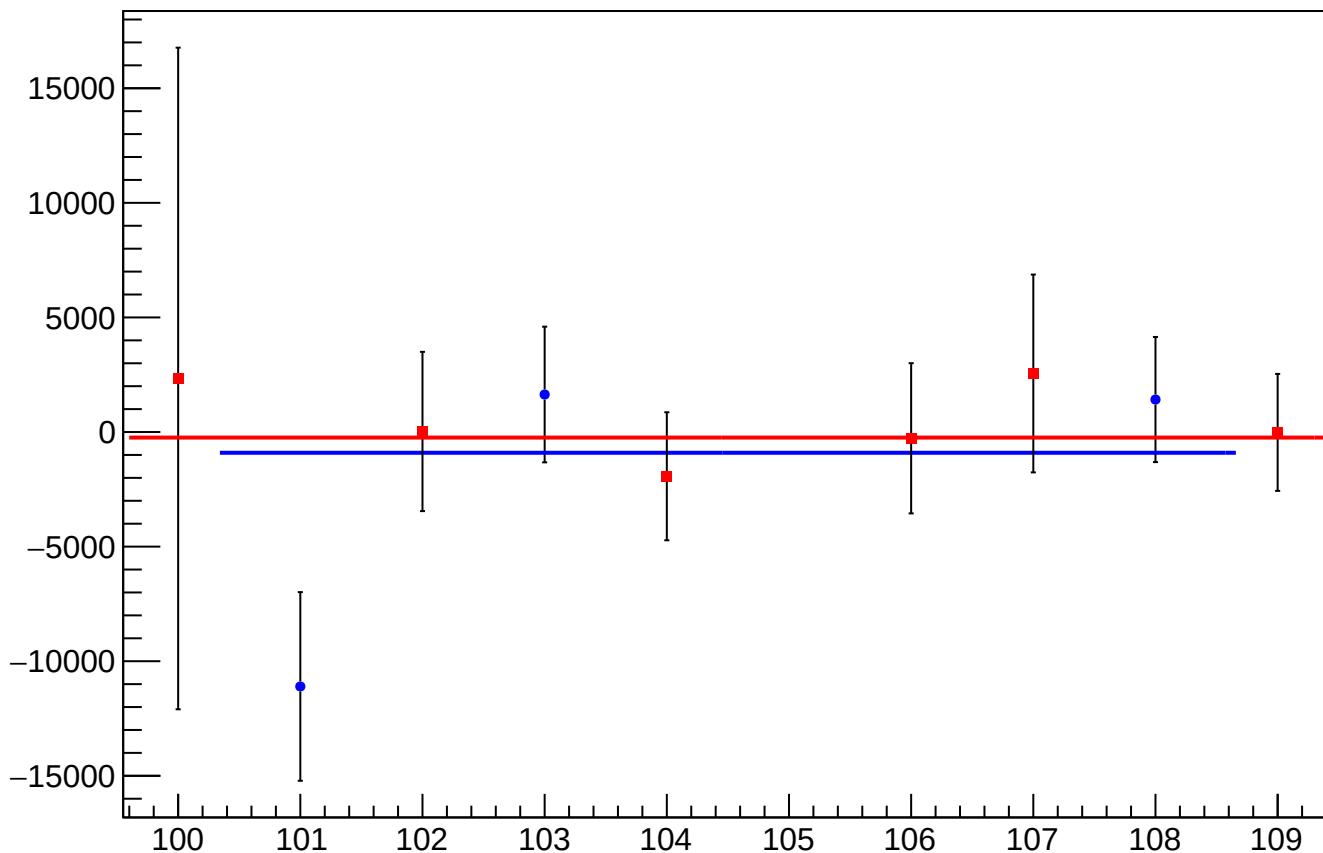
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.759+/-0.462 χ^2/NDF : 198043.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: -904.901+/-1803.804 χ^2/NDF : 7.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.068+/-1391.928 χ^2/NDF : 0.8/5

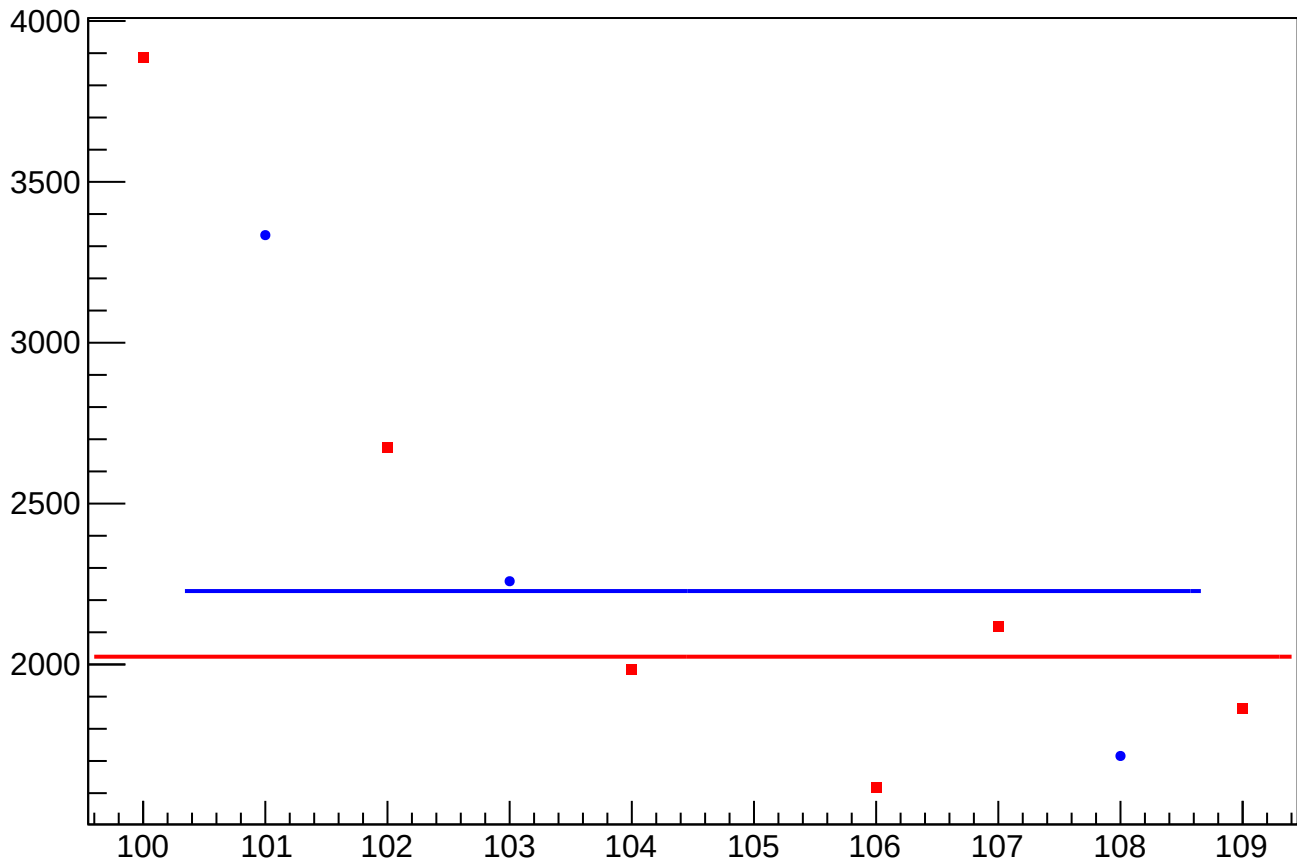
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -489.453+/-1101.979 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 2228.163+/-1.275 χ^2/NDF : 215184.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.129+/-0.984 χ^2/NDF : 143287.1/5

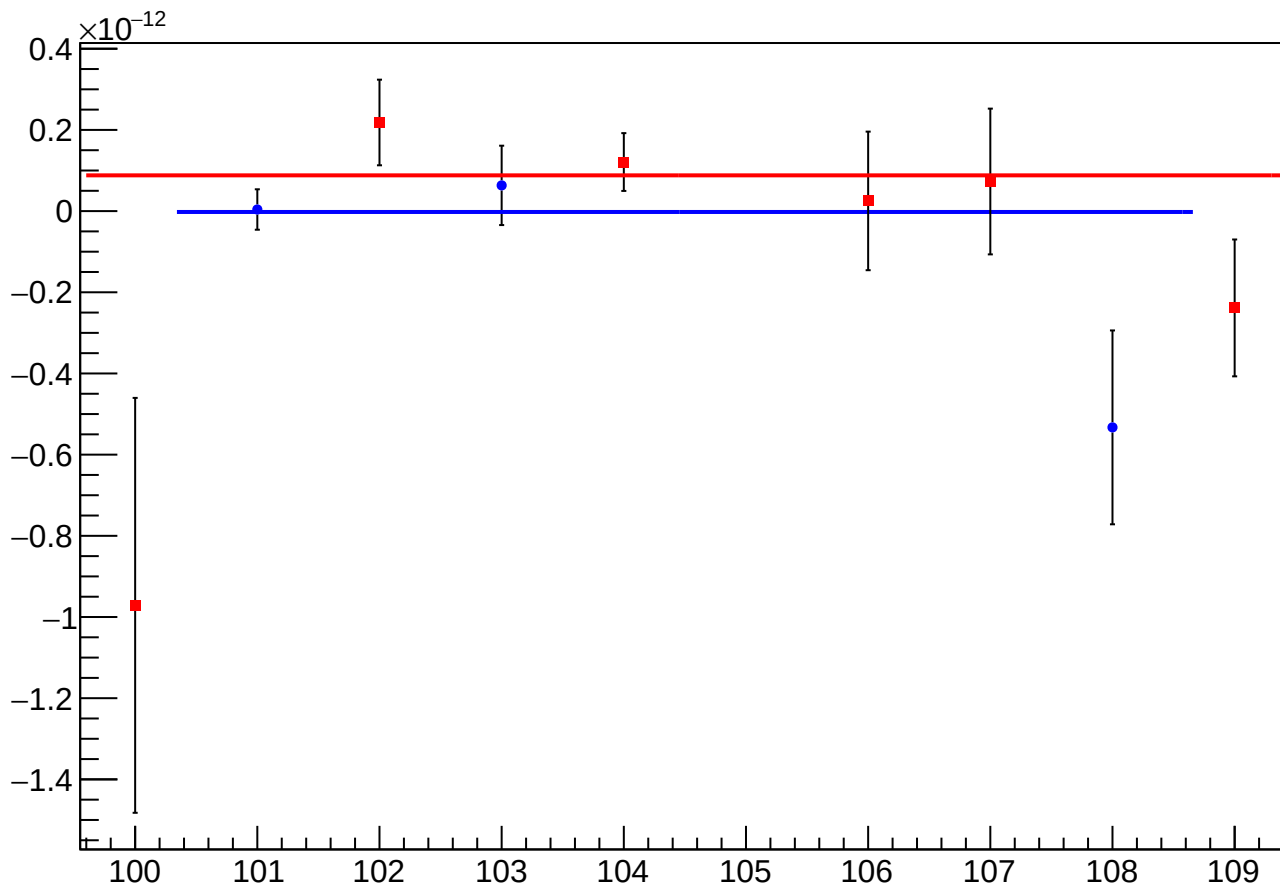
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2100.276+/-0.779 χ^2/NDF : 374511.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/5

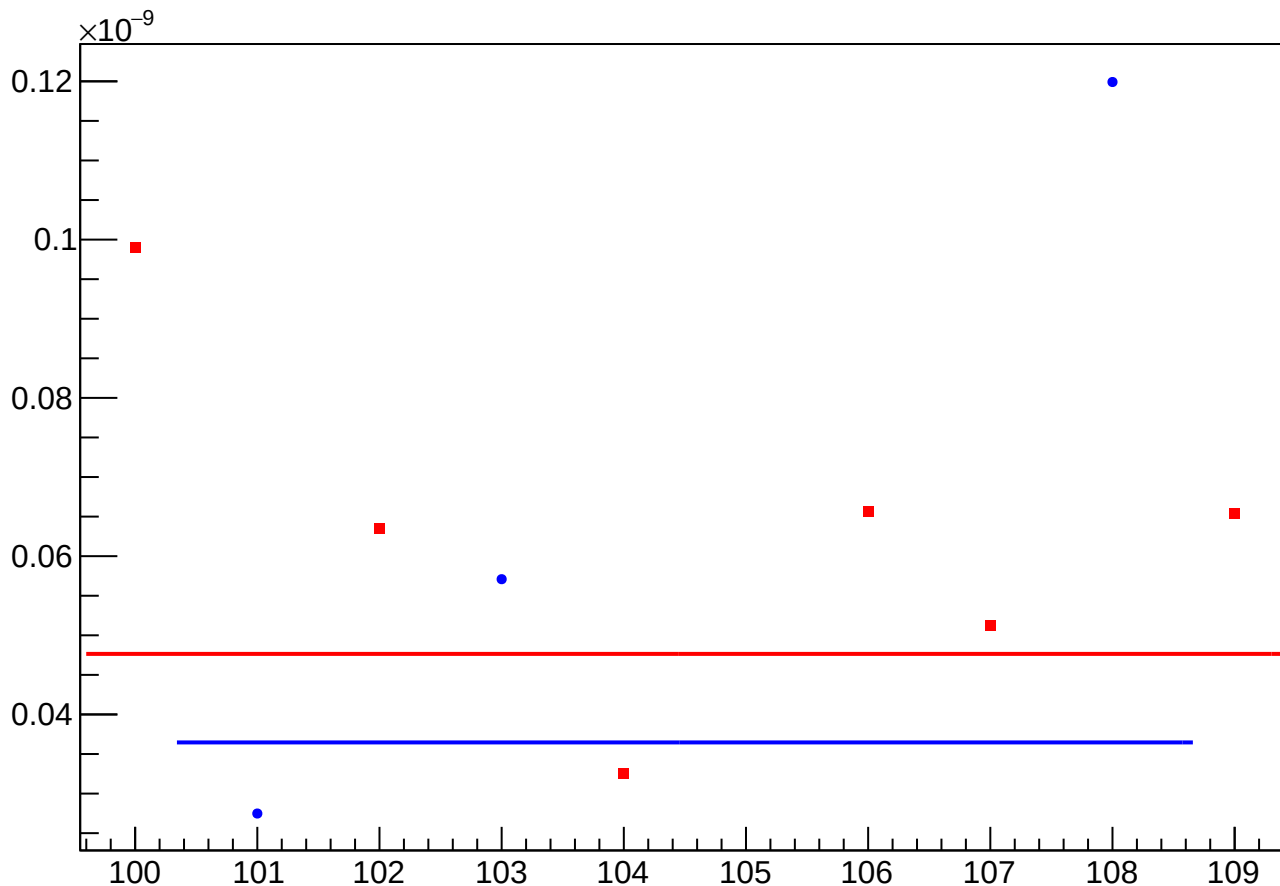
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 398331.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 200141.1/5

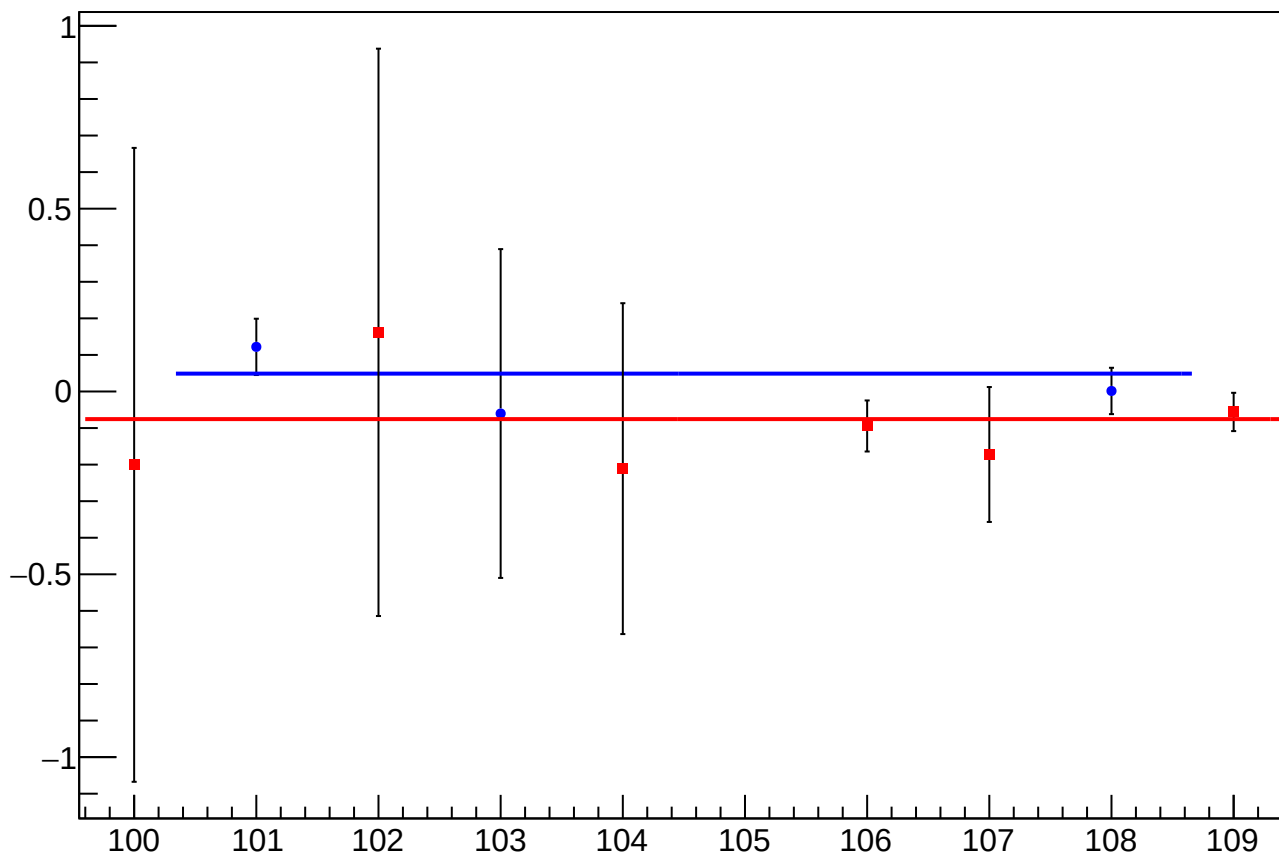
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 654612.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

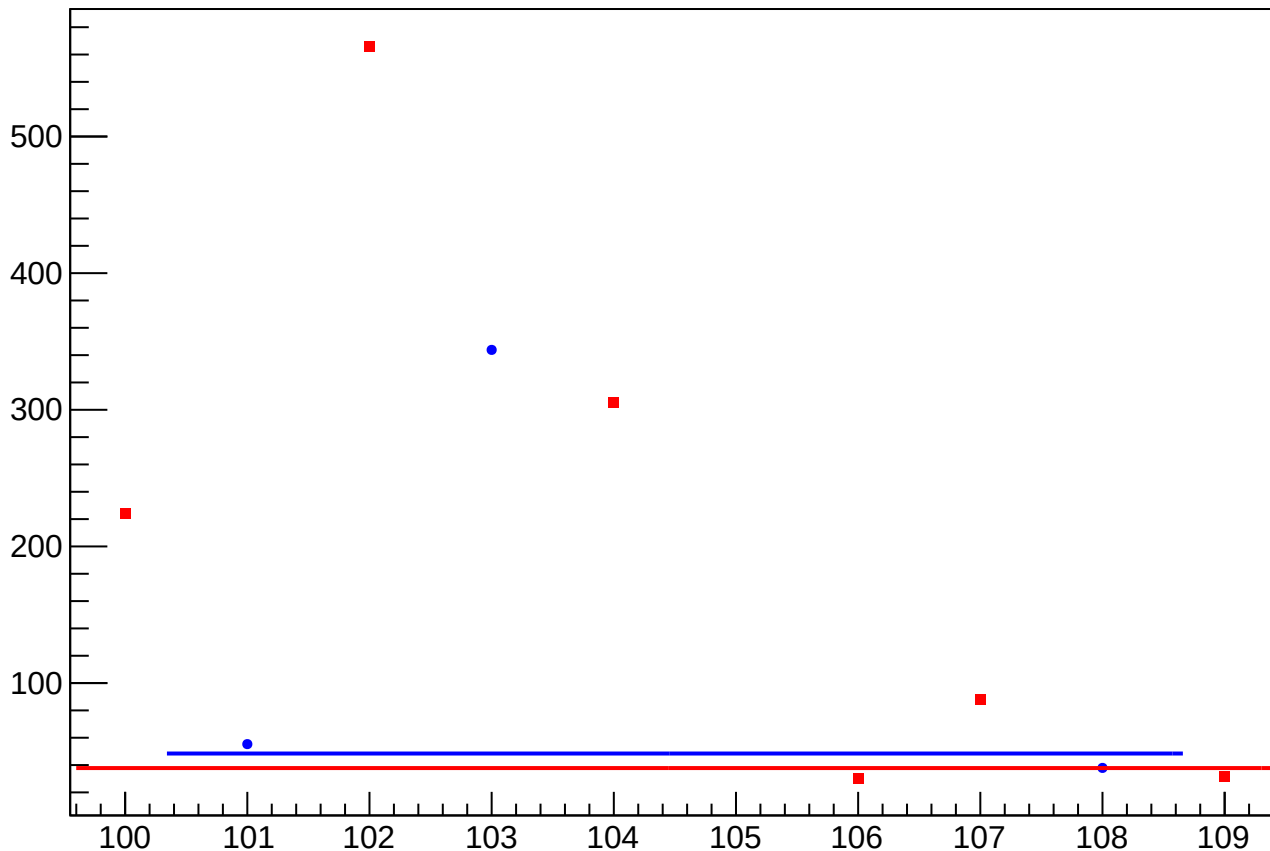
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

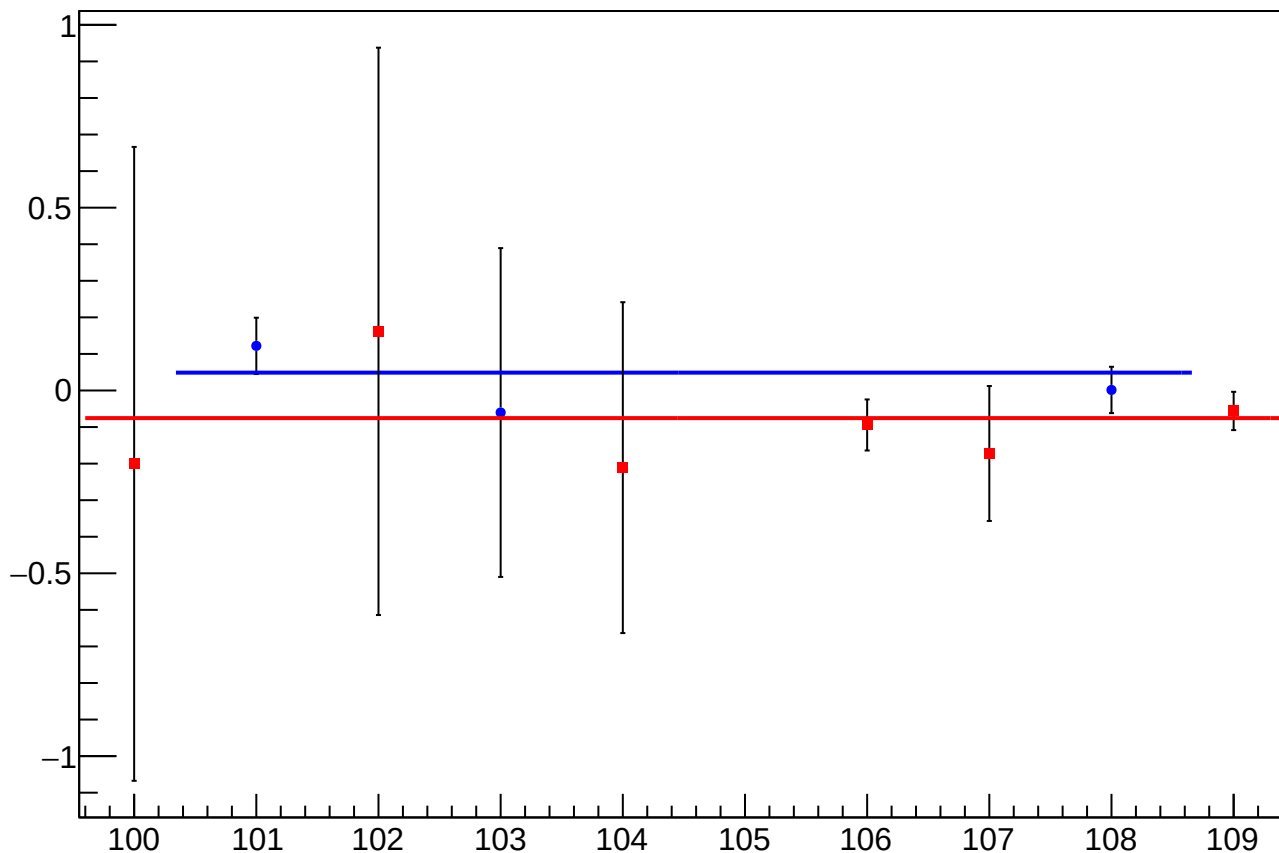
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913021.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

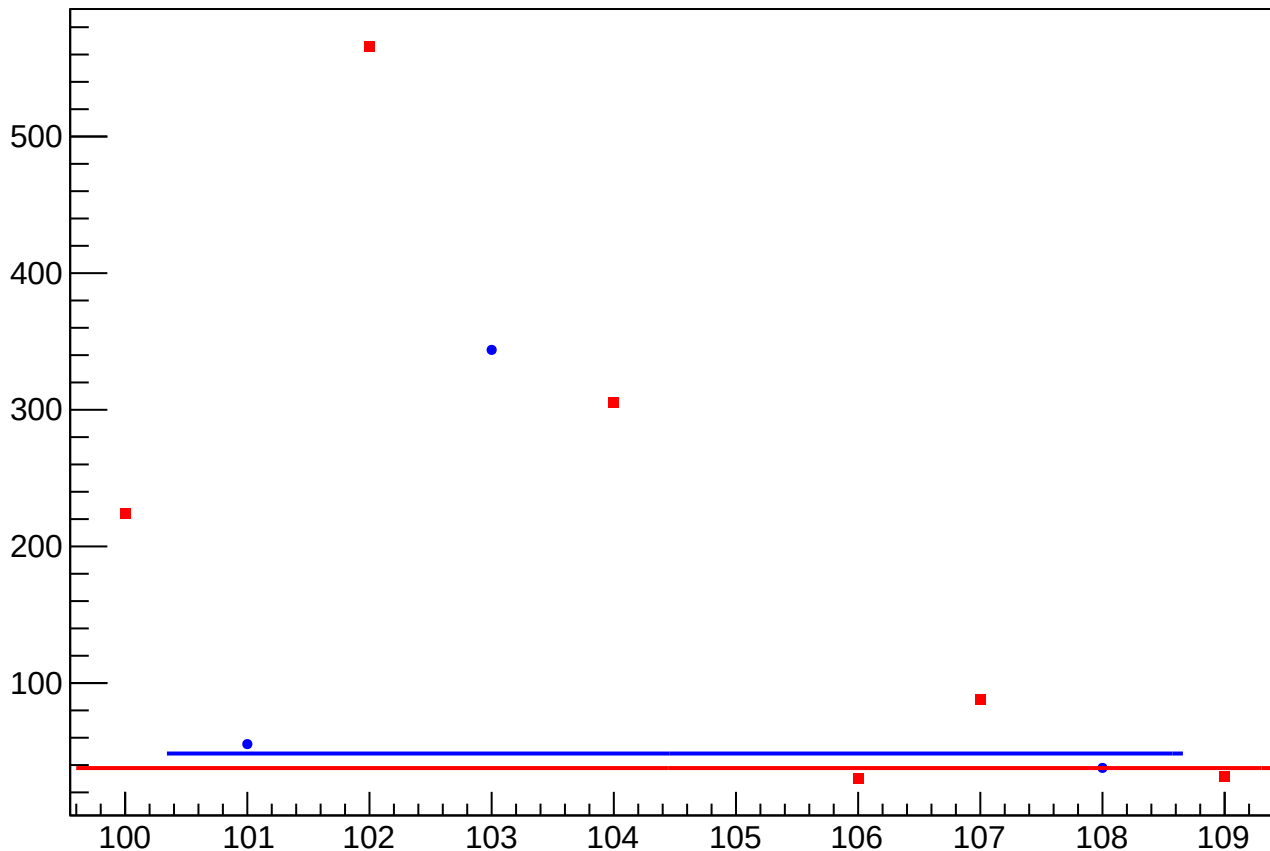
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

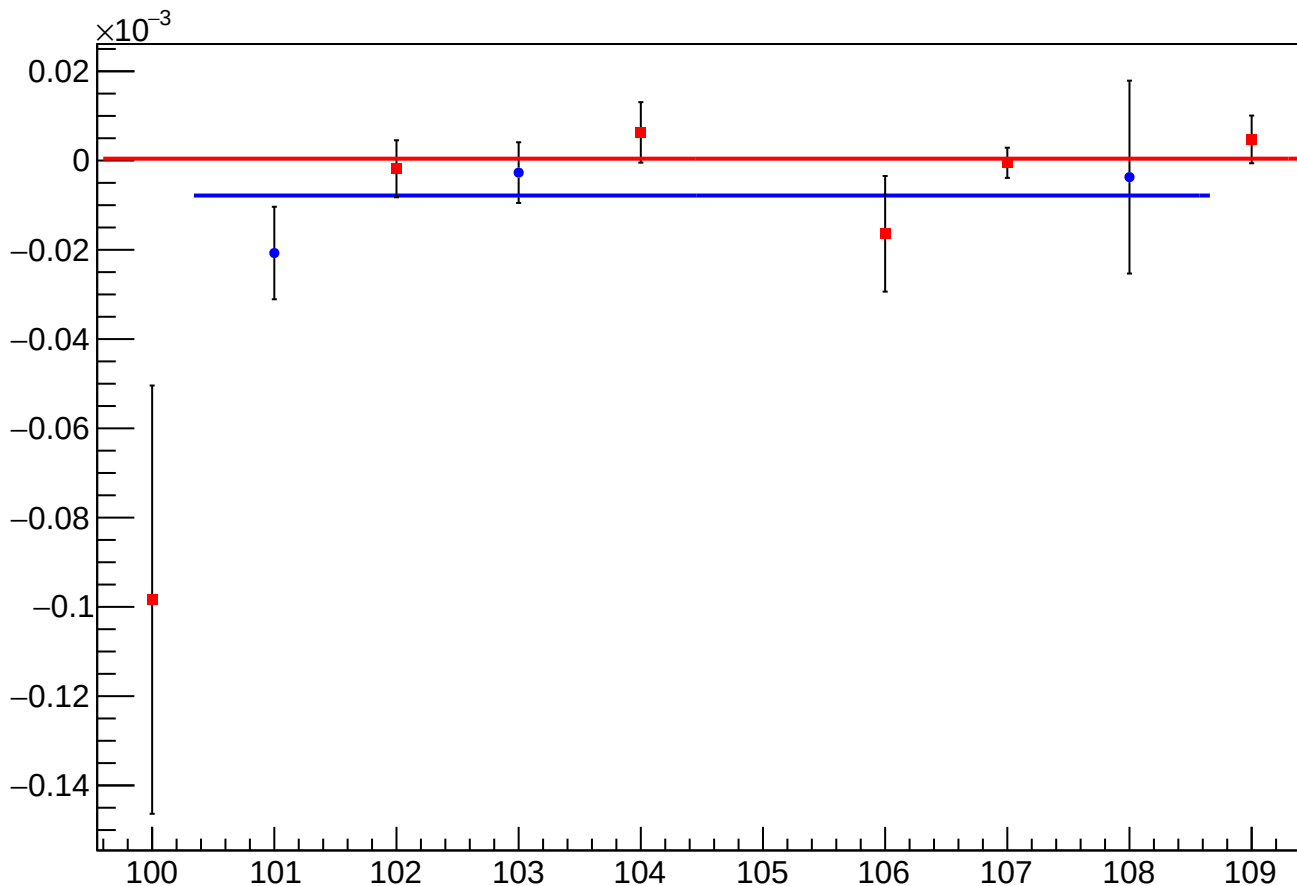
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913021.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.5/5

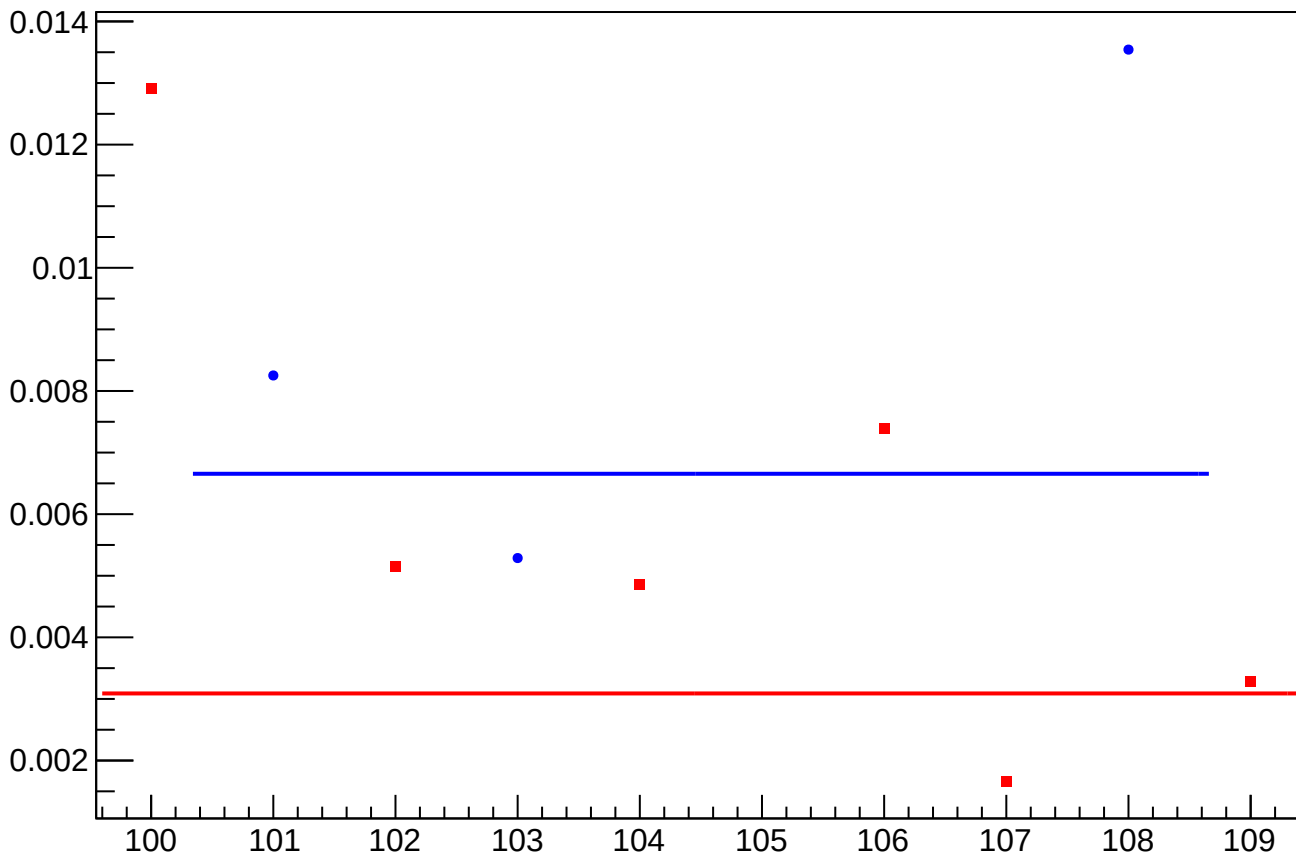
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 331592.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 1010000.5/5

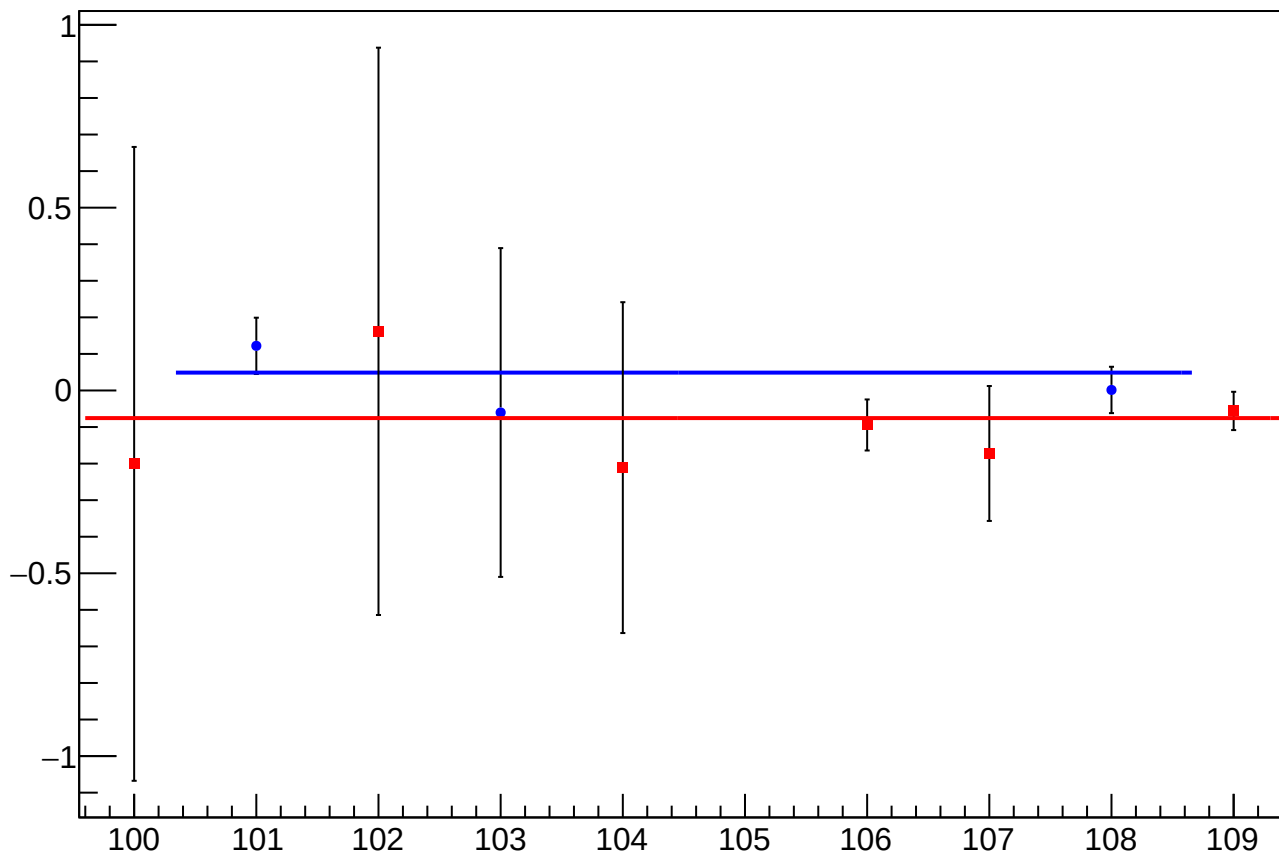
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 2049752.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

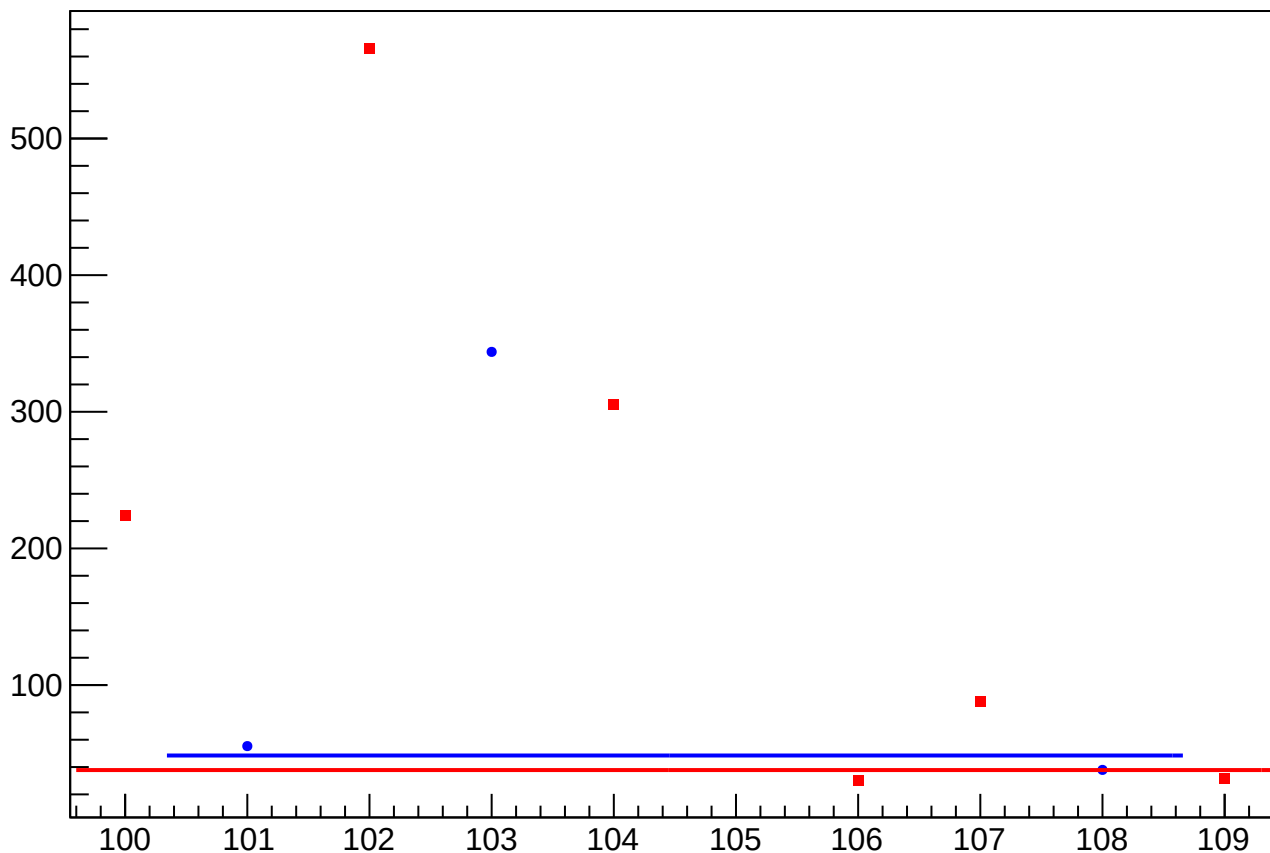
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.799+/-0.029 χ^2/NDF : 1922253.9/5

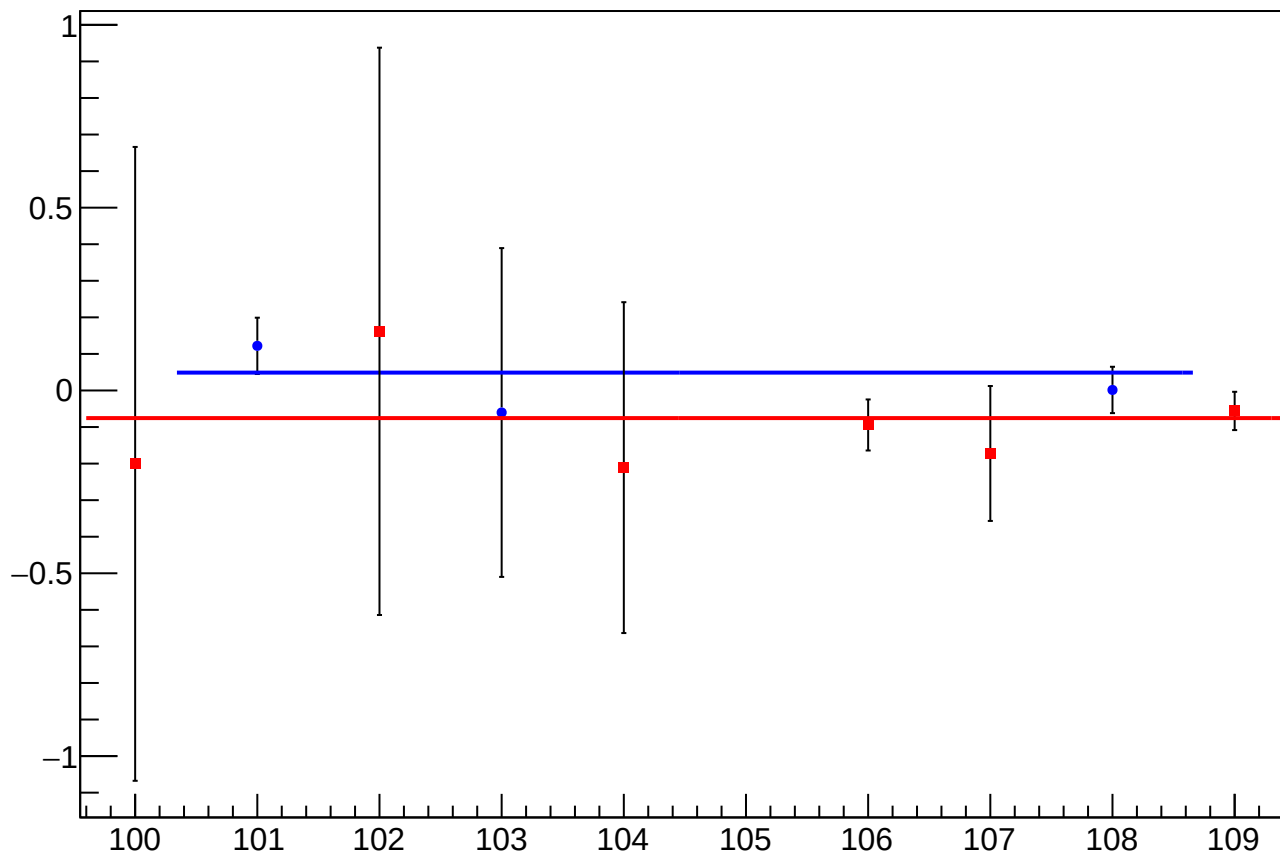
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913080.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

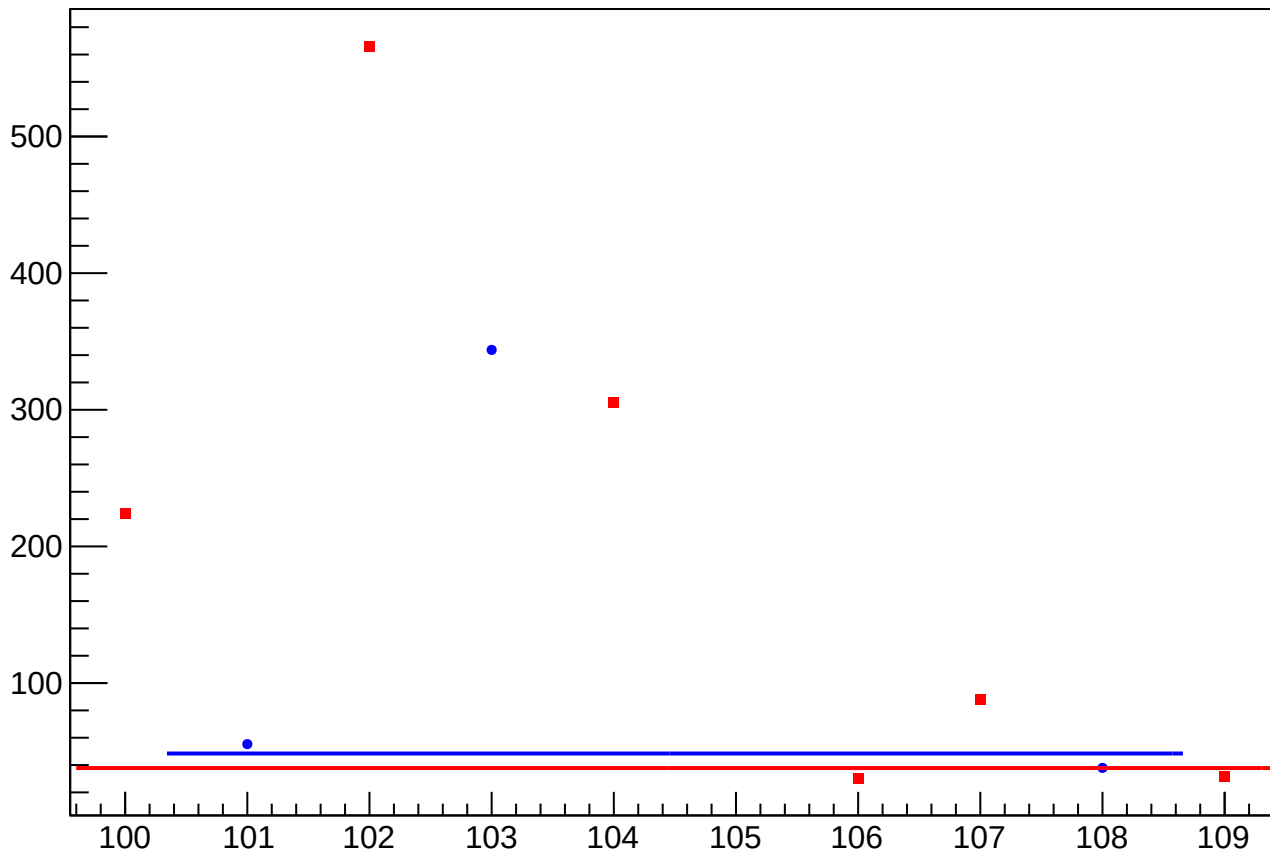
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.799+/-0.029 χ^2/NDF : 1922253.9/5

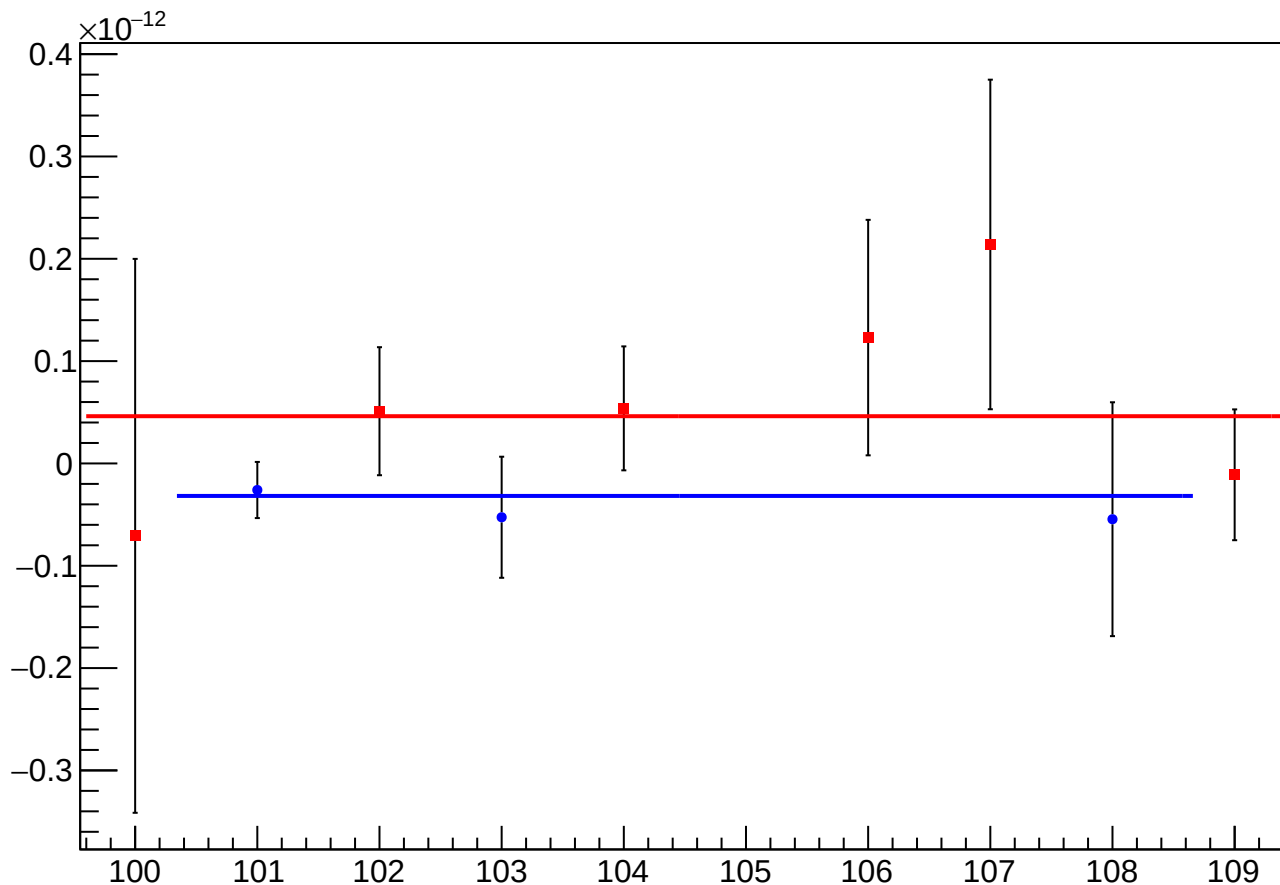
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913080.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/5

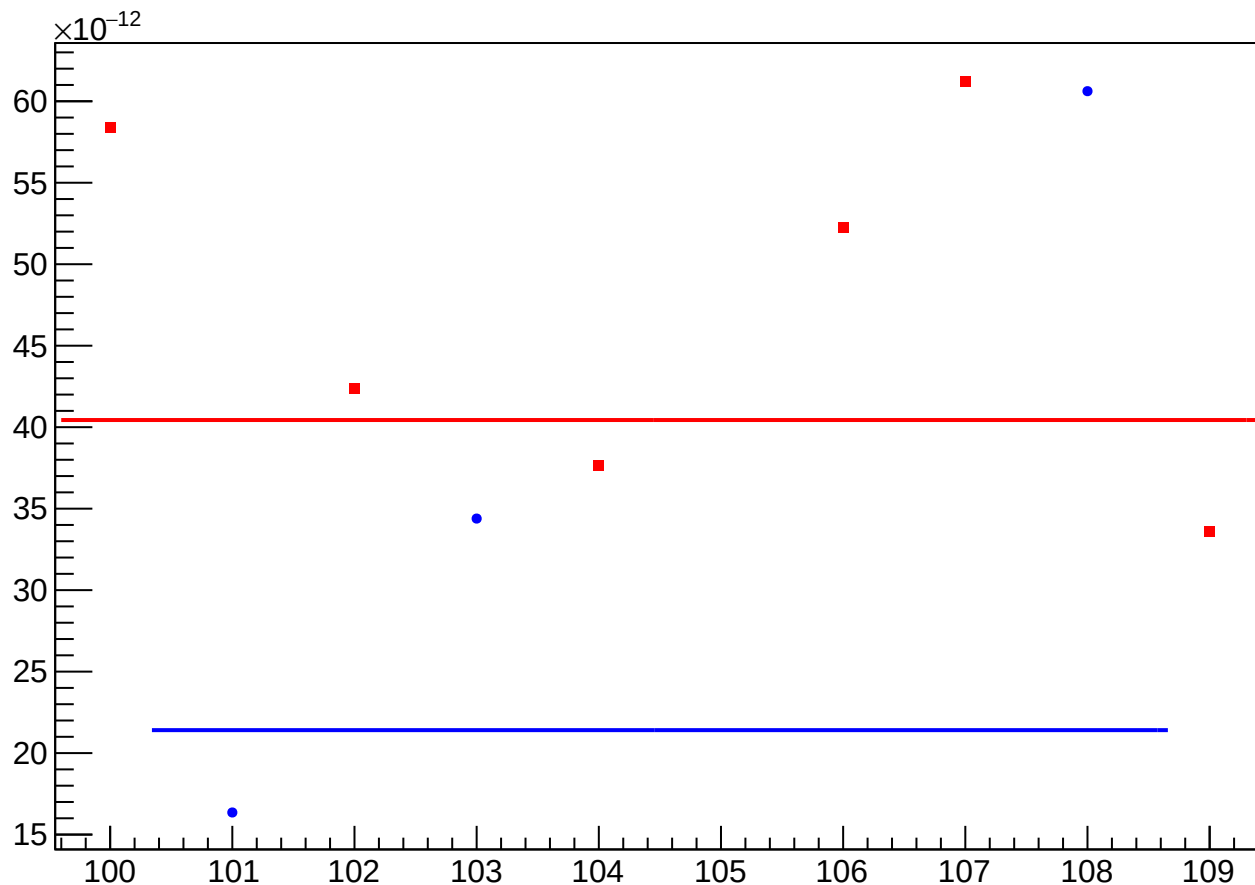
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 399588.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 92080.7/5

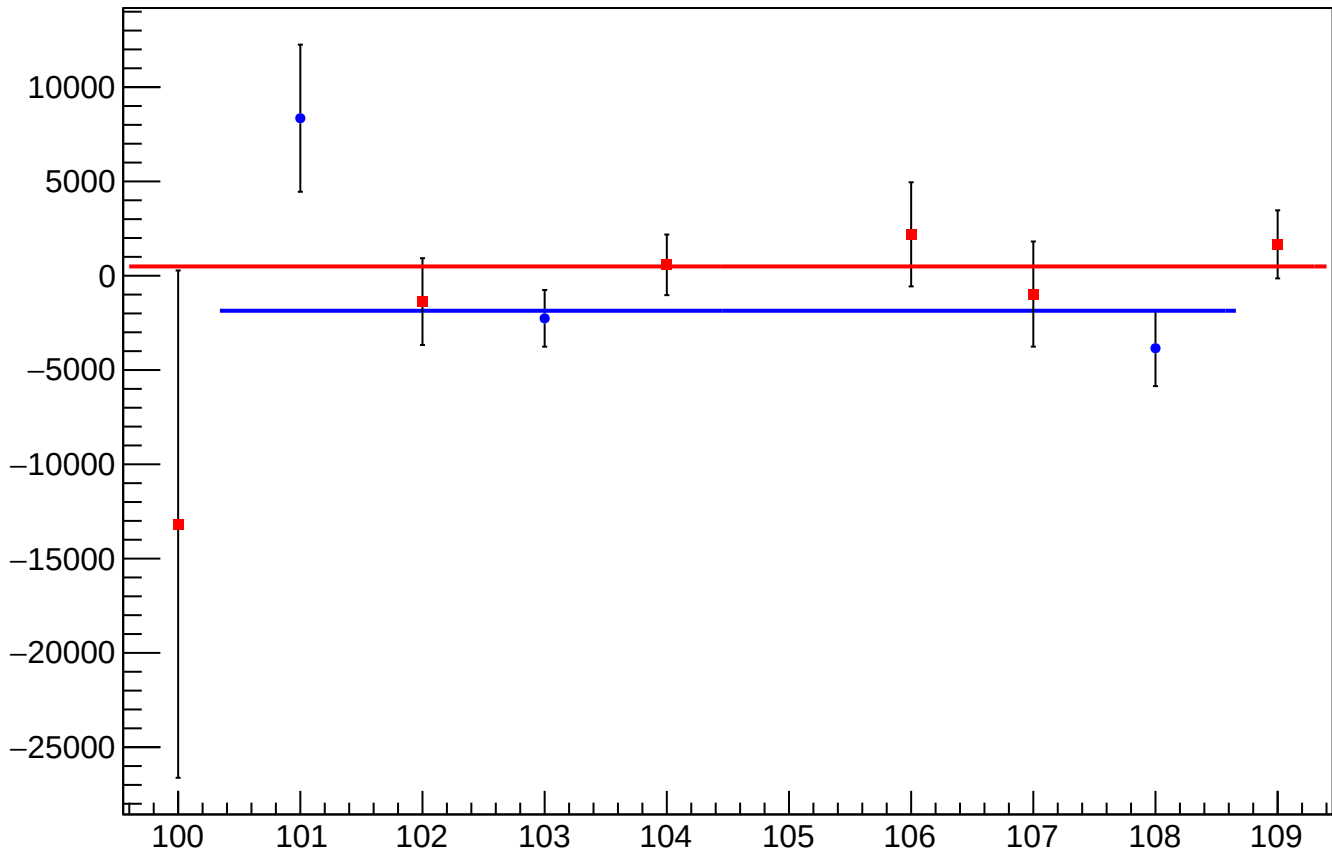
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 917226.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1857.127+/-1149.498 χ^2/NDF : 7.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.911+/-932.955 χ^2/NDF : 2.8/5

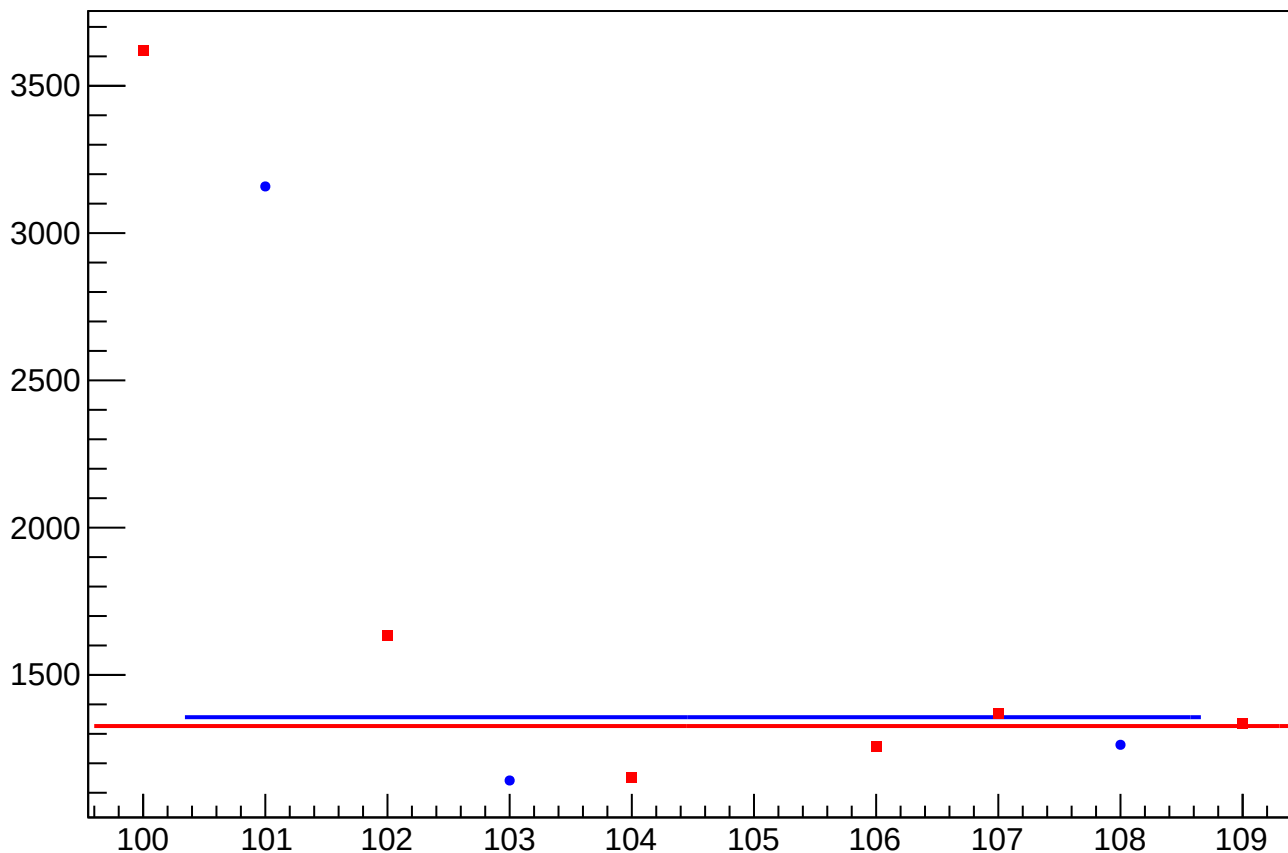
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -440.957+/-724.392 χ^2/NDF : 13.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1356.507 $\pm$ 0.813 χ^2 /NDF: 472191.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1326.472 $\pm$ 0.653 χ^2 /NDF: 119815.4/5

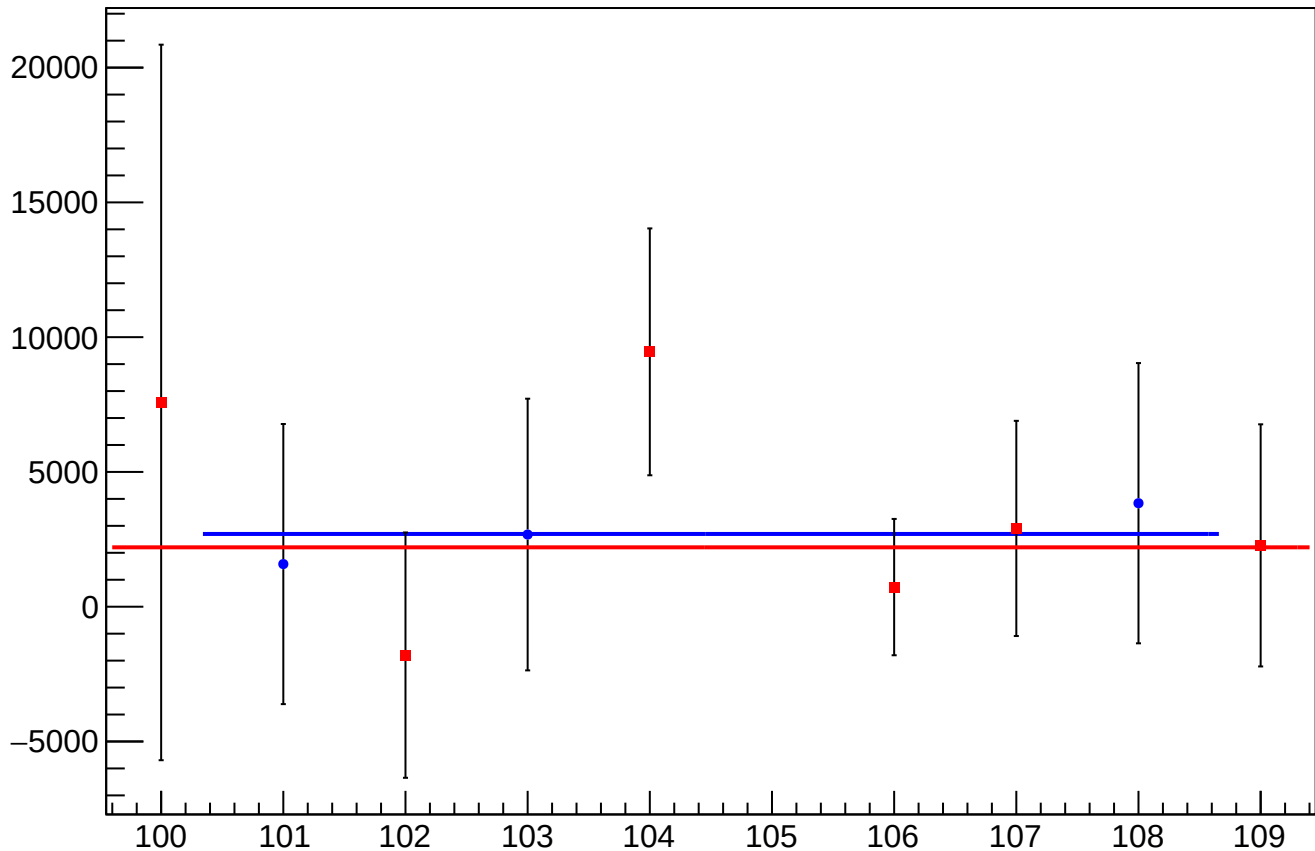
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1338.263 $\pm$ 0.509 χ^2 /NDF: 592836.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug



Right In: 2699.044+/-2969.420 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.111+/-1643.179 χ^2/NDF : 3.8/5

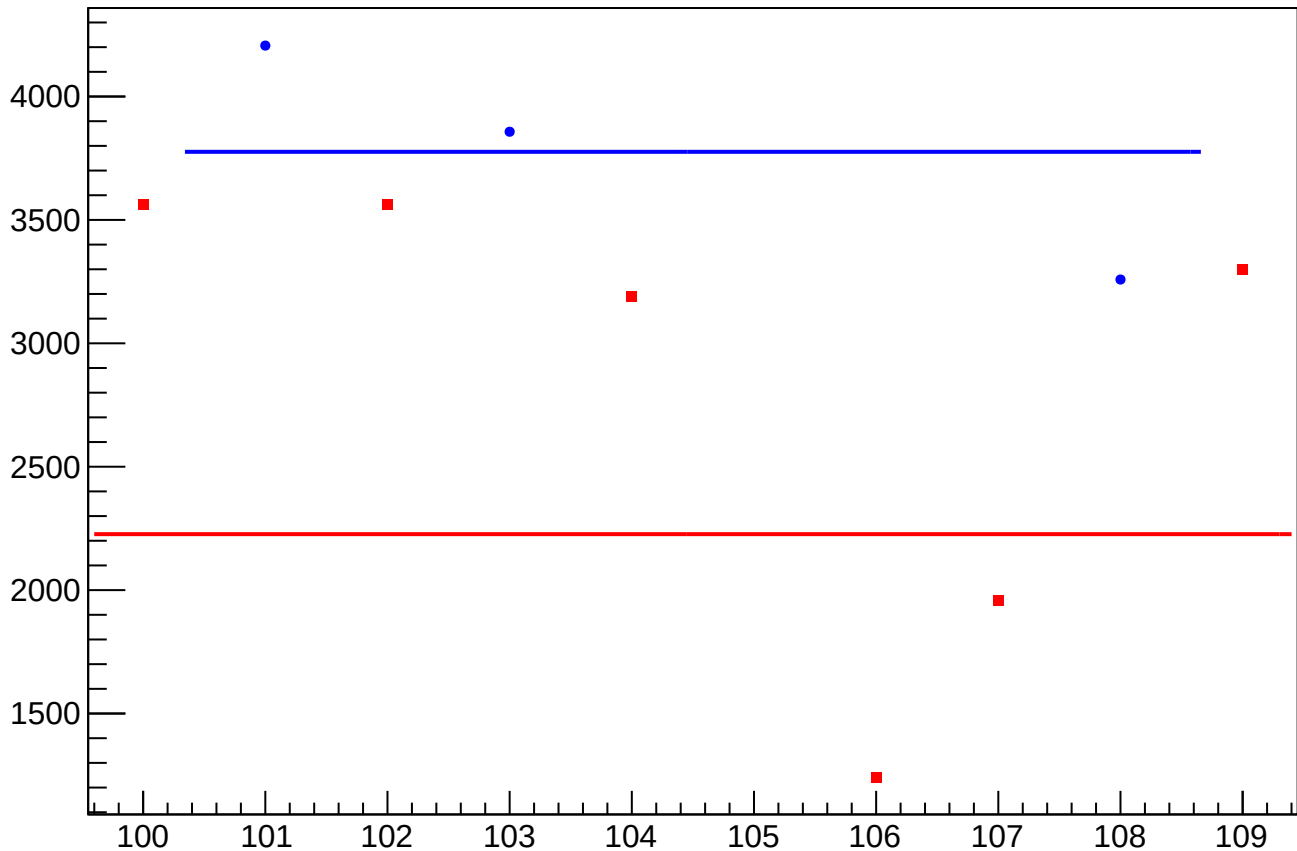
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2319.372+/-1437.731 χ^2/NDF : 3.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug



Right In: 3775.958 $\pm$ 2.100 χ^2 /NDF: 34064.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2226.775 $\pm$ 1.162 χ^2 /NDF: 707505.2/5

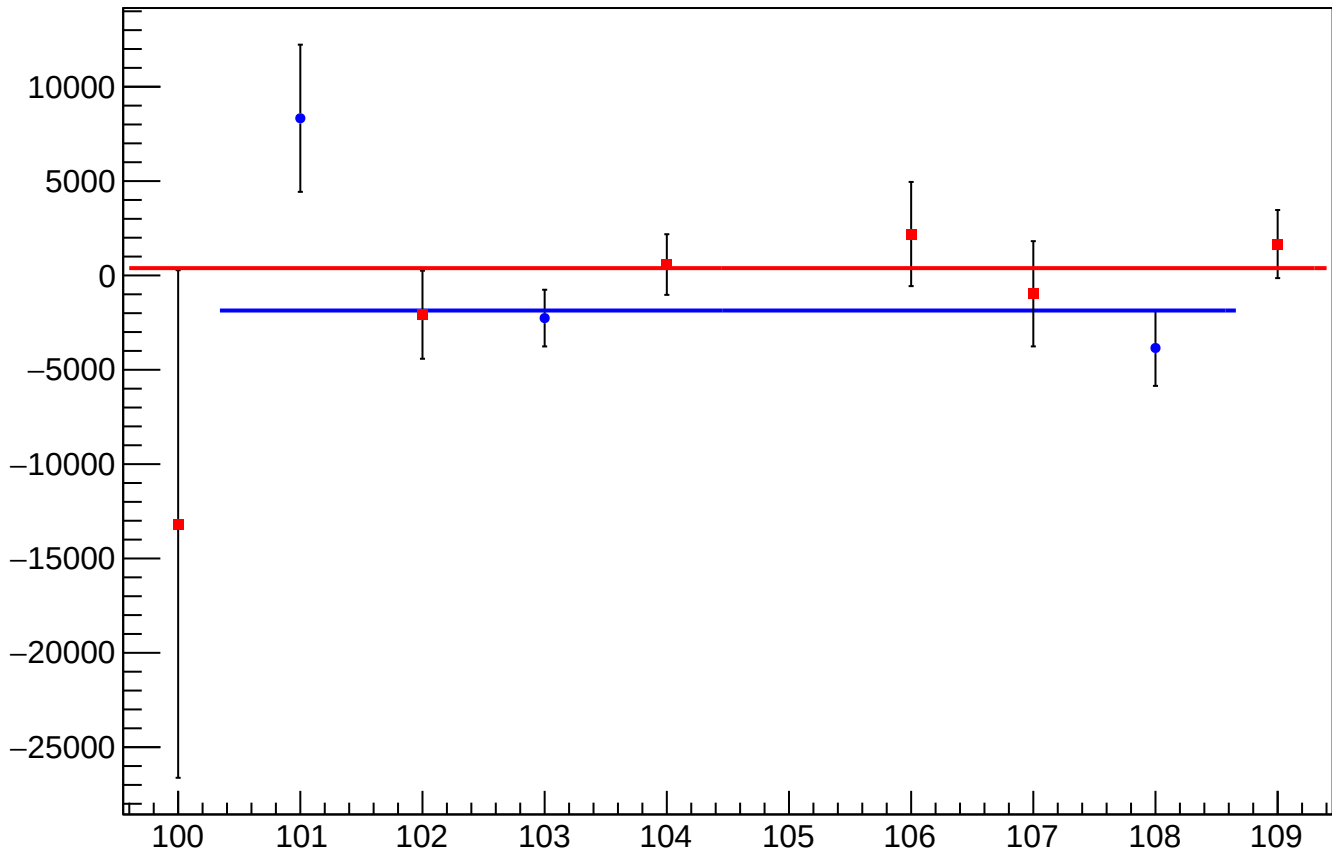
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2589.949 $\pm$ 1.017 χ^2 /NDF: 1158321.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1858.998 $\pm$ 1149.499 χ^2/NDF : 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.255 $\pm$ 935.226 χ^2/NDF : 3.3/5

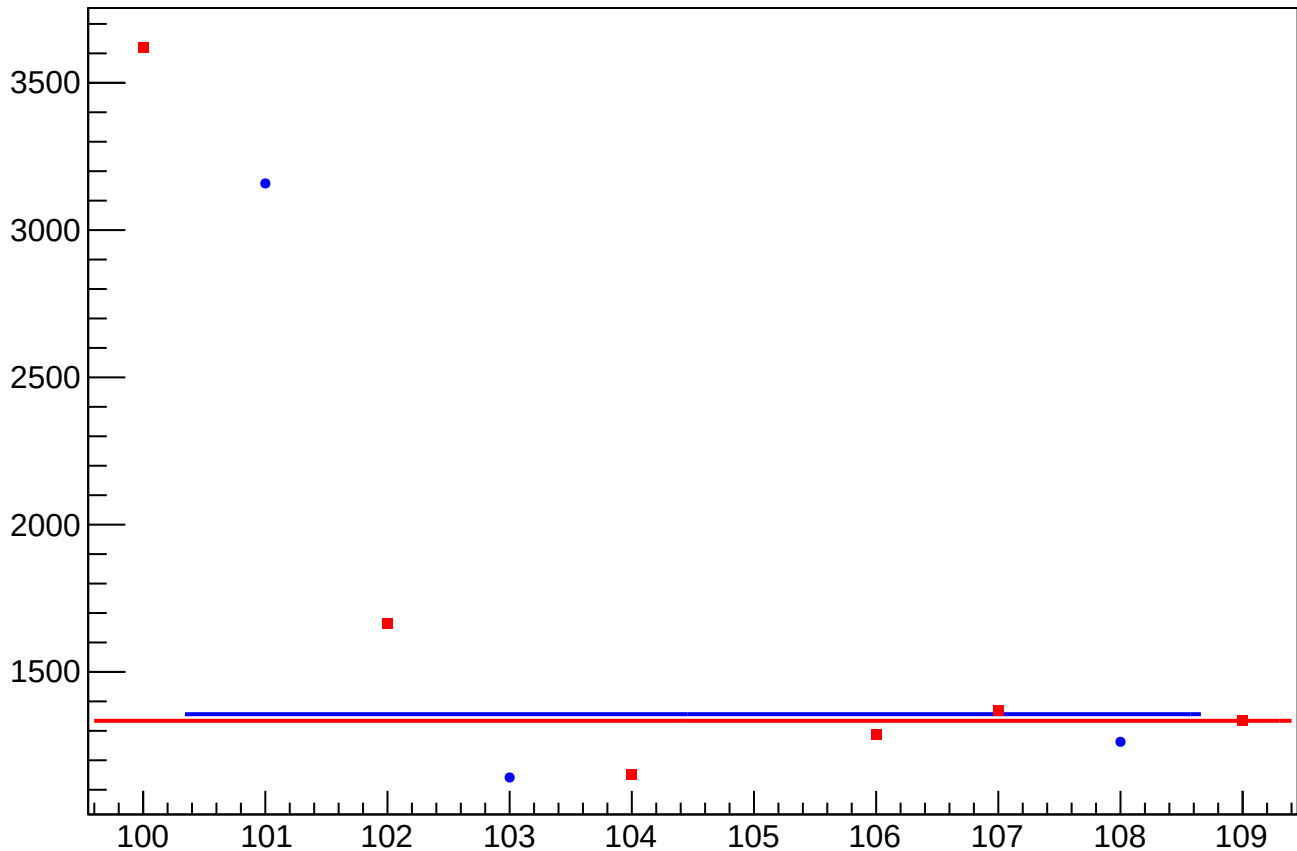
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -507.410 $\pm$ 725.453 χ^2/NDF : 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.137 $\pm$ 0.657 χ^2 /NDF: 125276.8/5

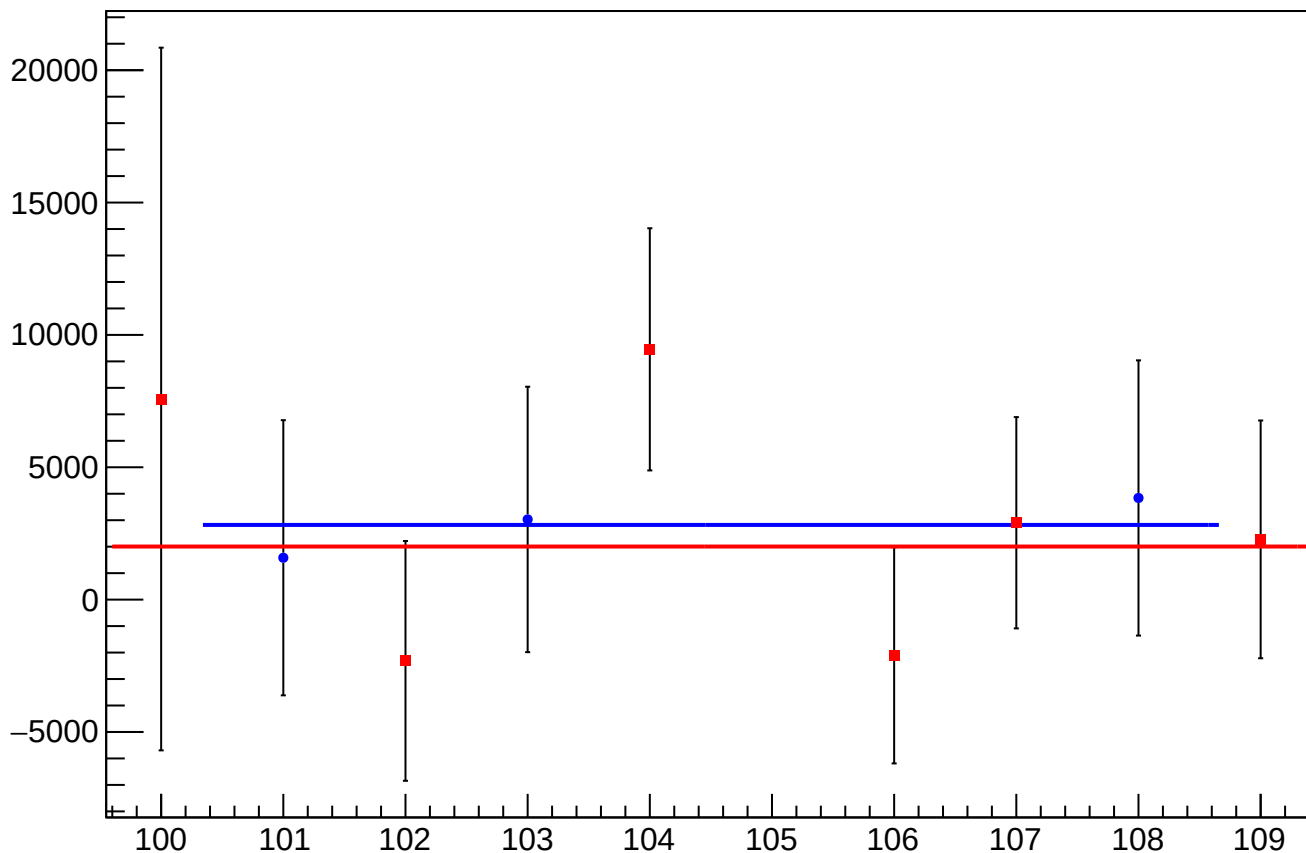
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1342.974 $\pm$ 0.511 χ^2 /NDF: 597928.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug



Right In: 2821.754 $\pm$ 2964.328 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2005.532 $\pm$ 1908.465 χ^2 /NDF: 4.8/5

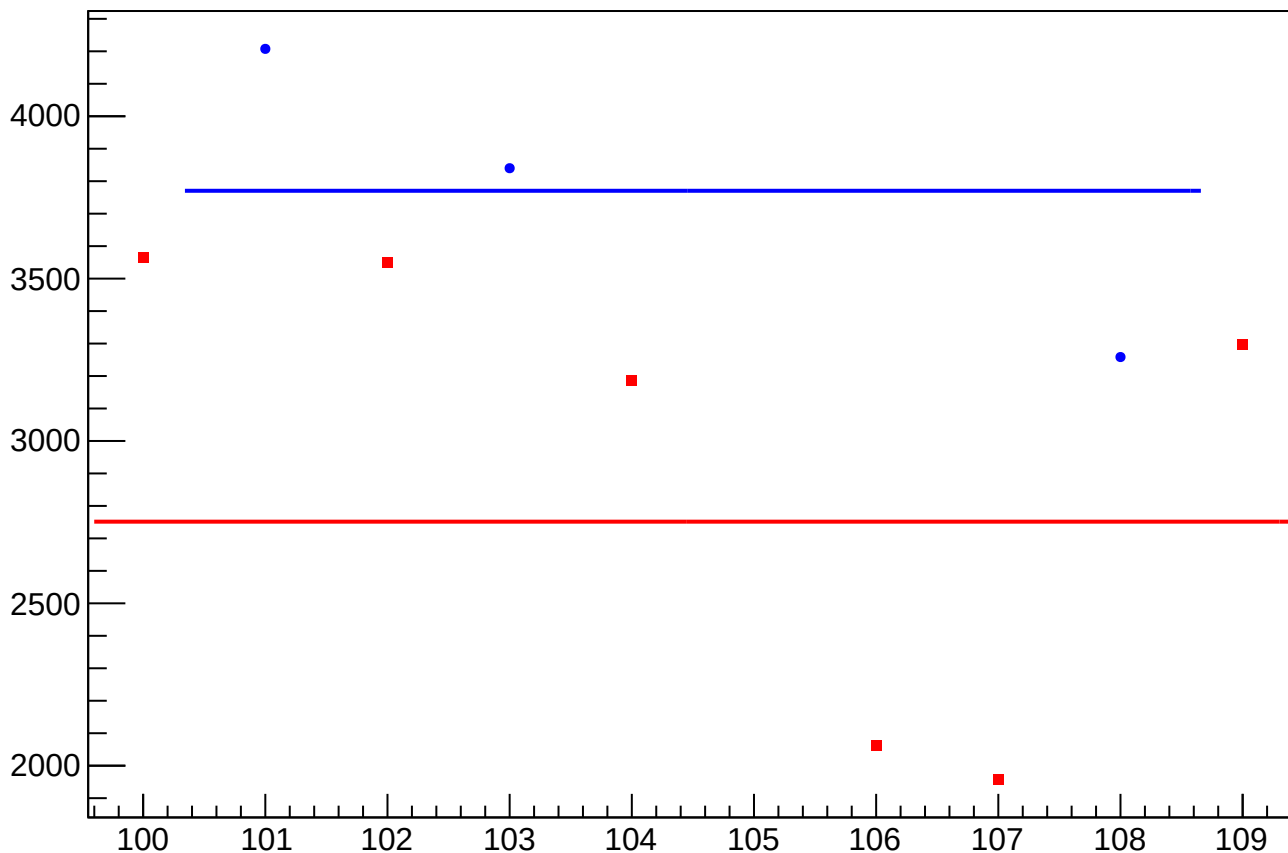
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2244.711 $\pm$ 1604.664 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug



Right In: 3770.488 $\pm$ 2.096 χ^2 /NDF: 33927.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2751.513 $\pm$ 1.349 χ^2 /NDF: 253868.9/5

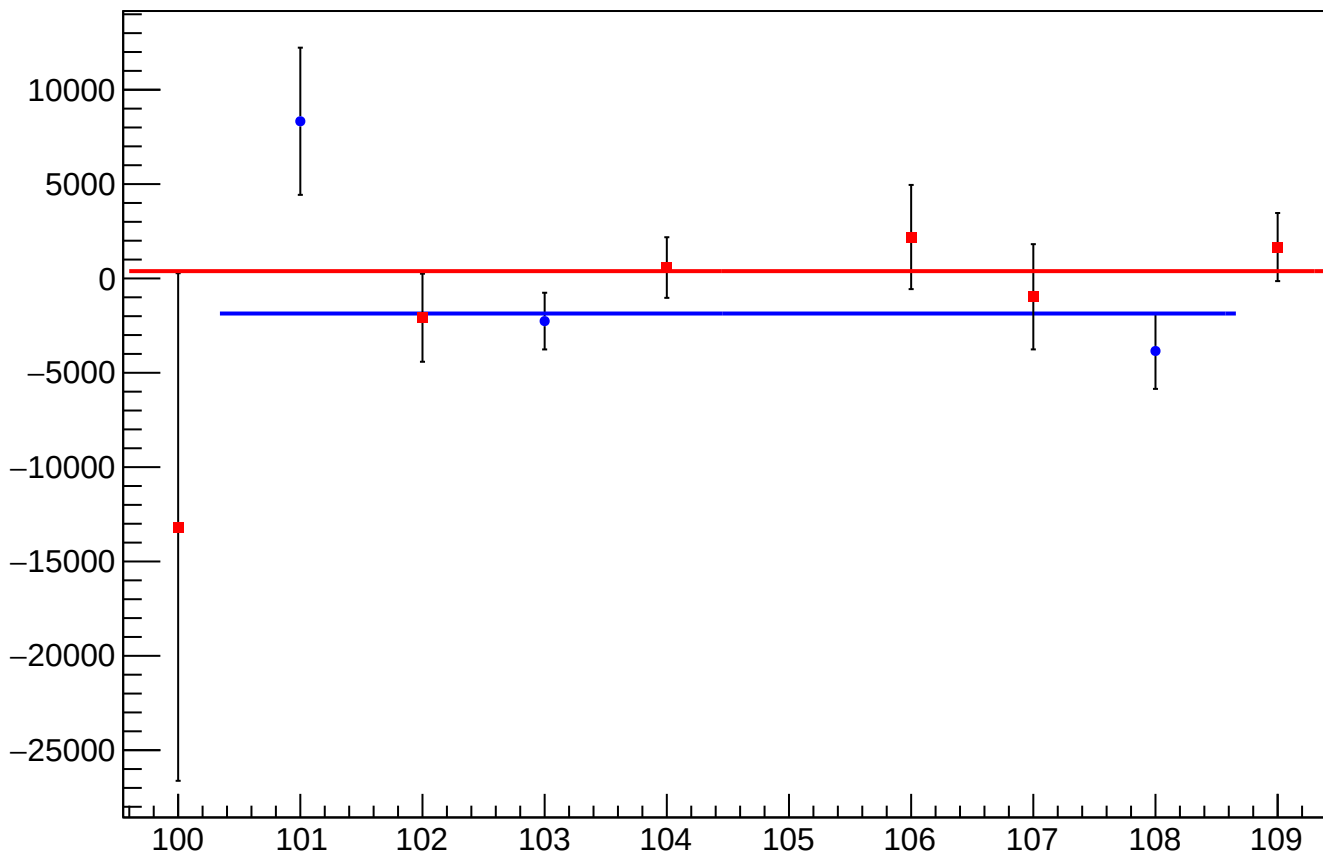
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3050.105 $\pm$ 1.135 χ^2 /NDF: 454868.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 387.255 $\pm$ 935.226 χ^2 /NDF: 3.3/5

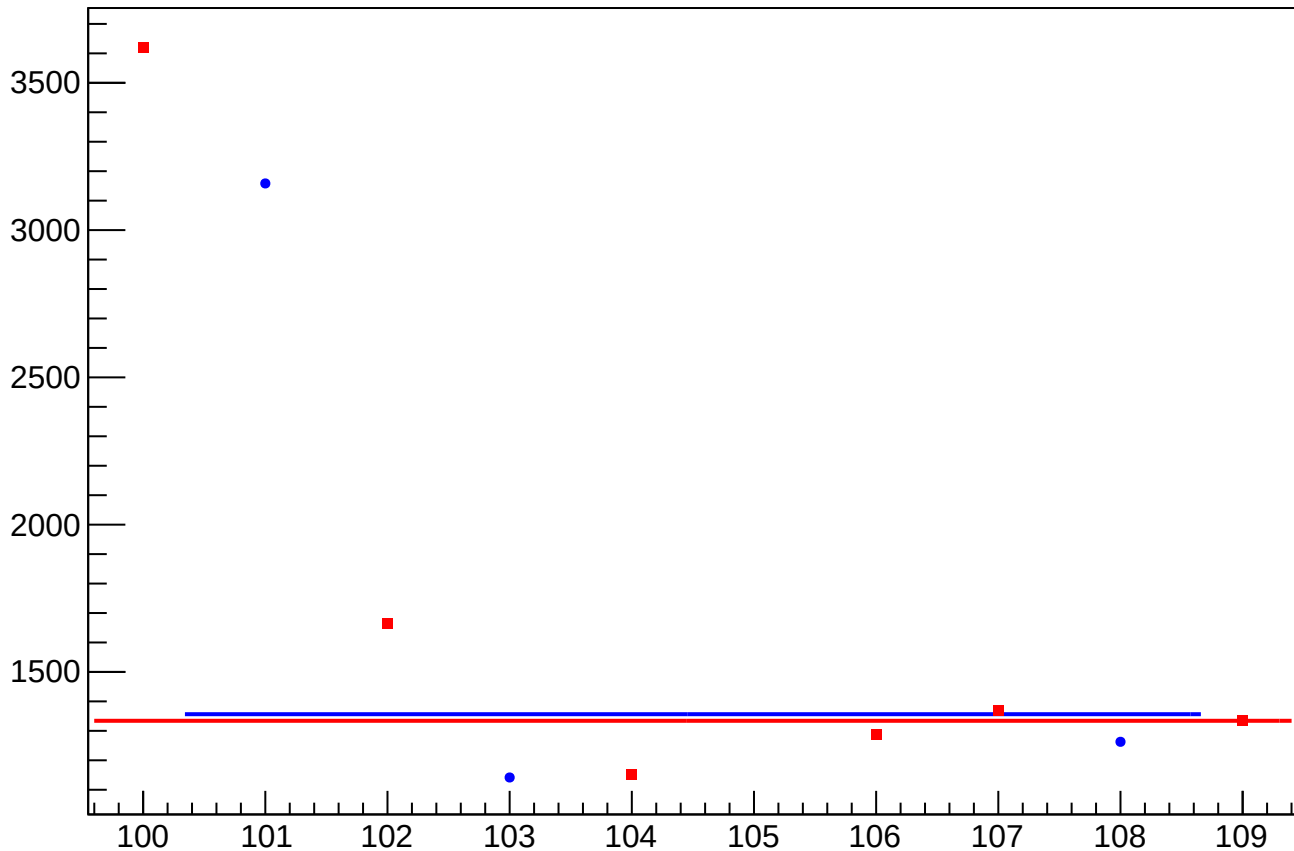
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -507.410 $\pm$ 725.453 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.137 $\pm$ 0.657 χ^2 /NDF: 125276.8/5

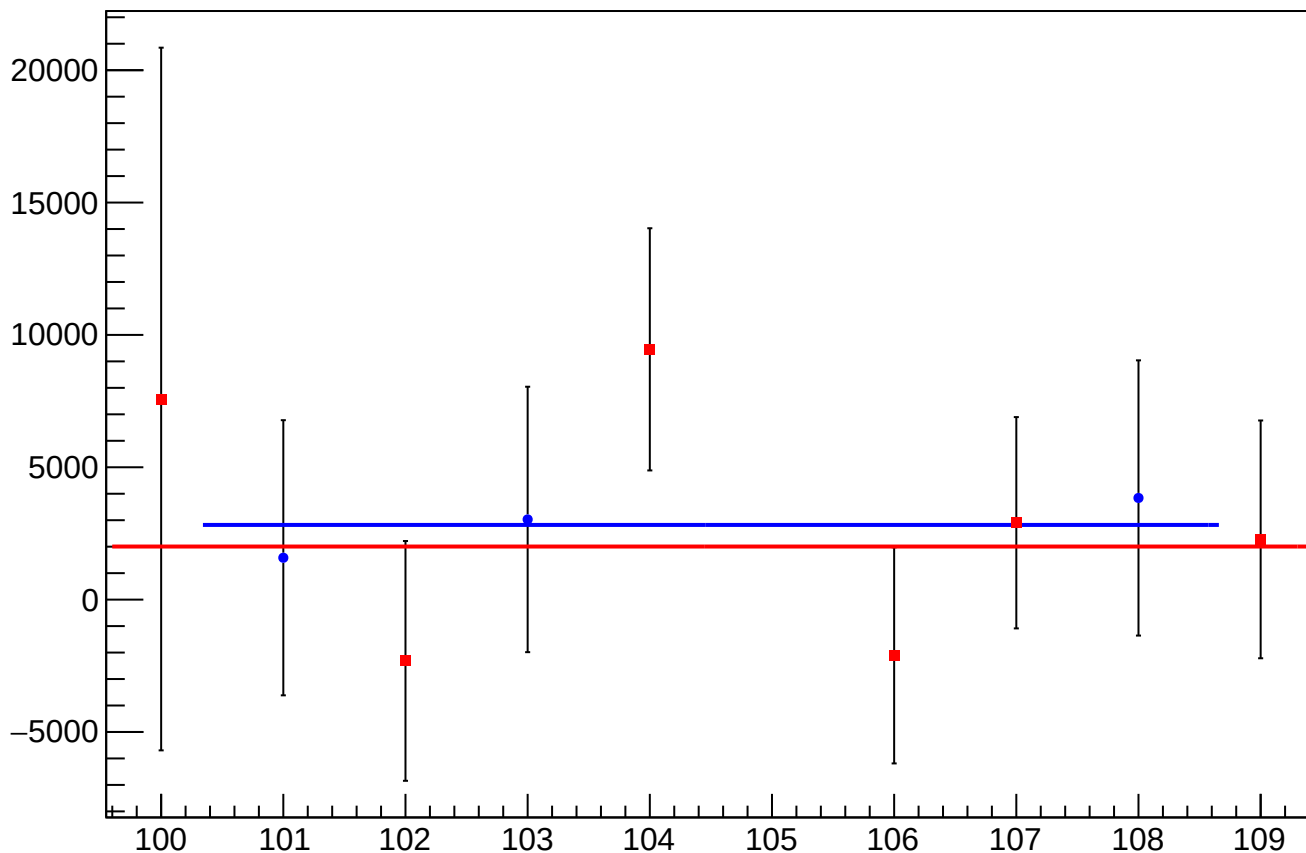
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1342.974 $\pm$ 0.511 χ^2 /NDF: 597928.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 2821.754 $\pm$ 2964.328 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2005.532 $\pm$ 1908.465 χ^2 /NDF: 4.8/5

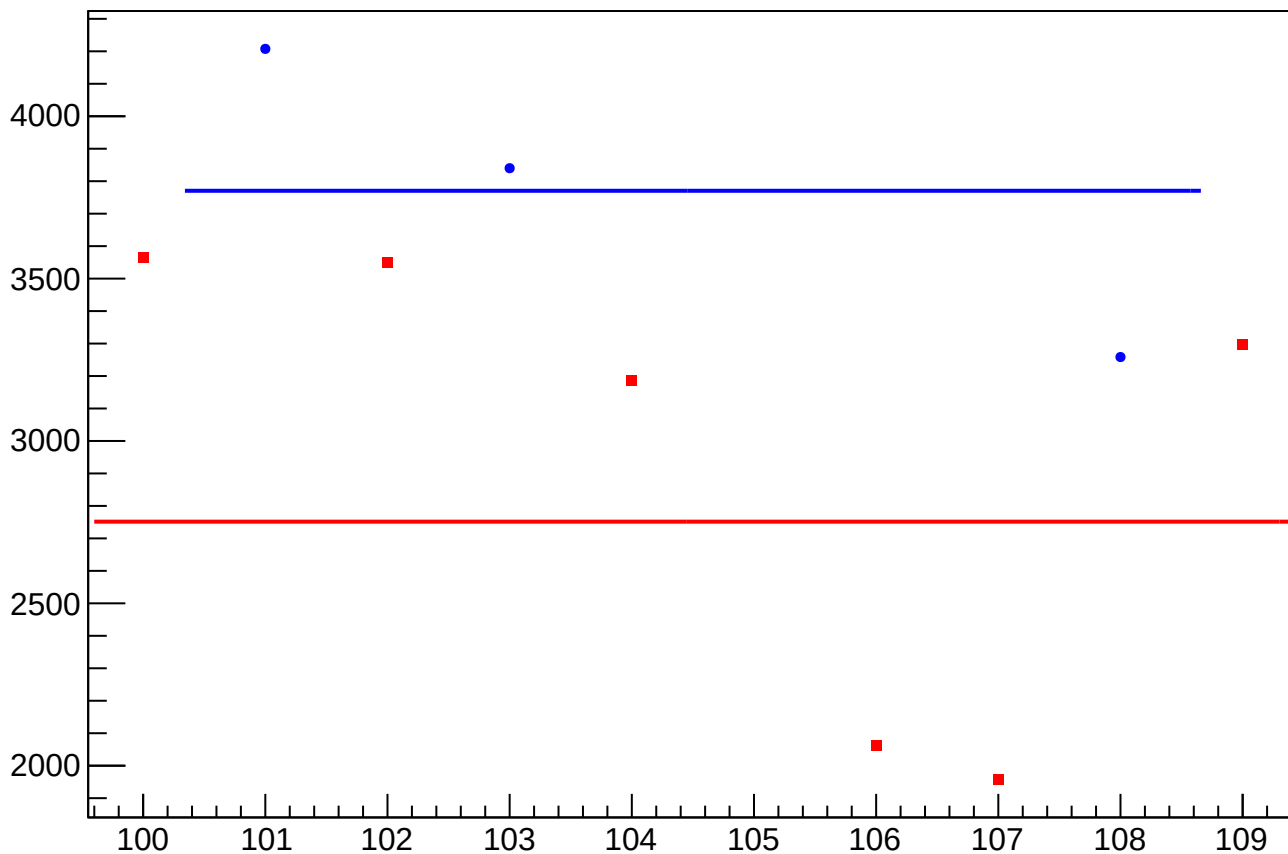
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2244.711 $\pm$ 1604.664 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 3770.488 $\pm$ 2.096 χ^2 /NDF: 33927.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2751.513 $\pm$ 1.349 χ^2 /NDF: 253868.9/5

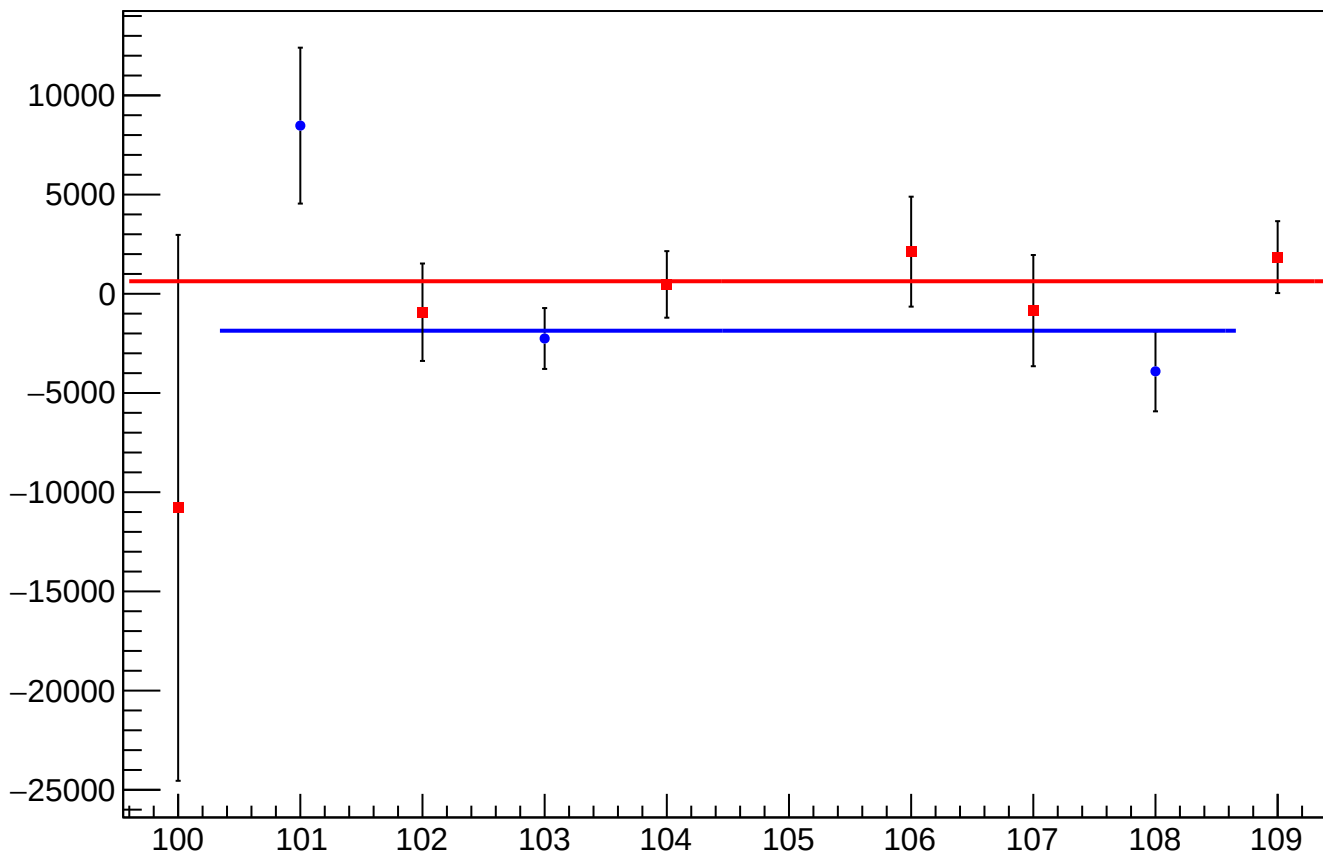
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3050.105 $\pm$ 1.135 χ^2 /NDF: 454868.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1861.202 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 631.990 $\pm$ 958.419 χ^2 /NDF: 2.1/5

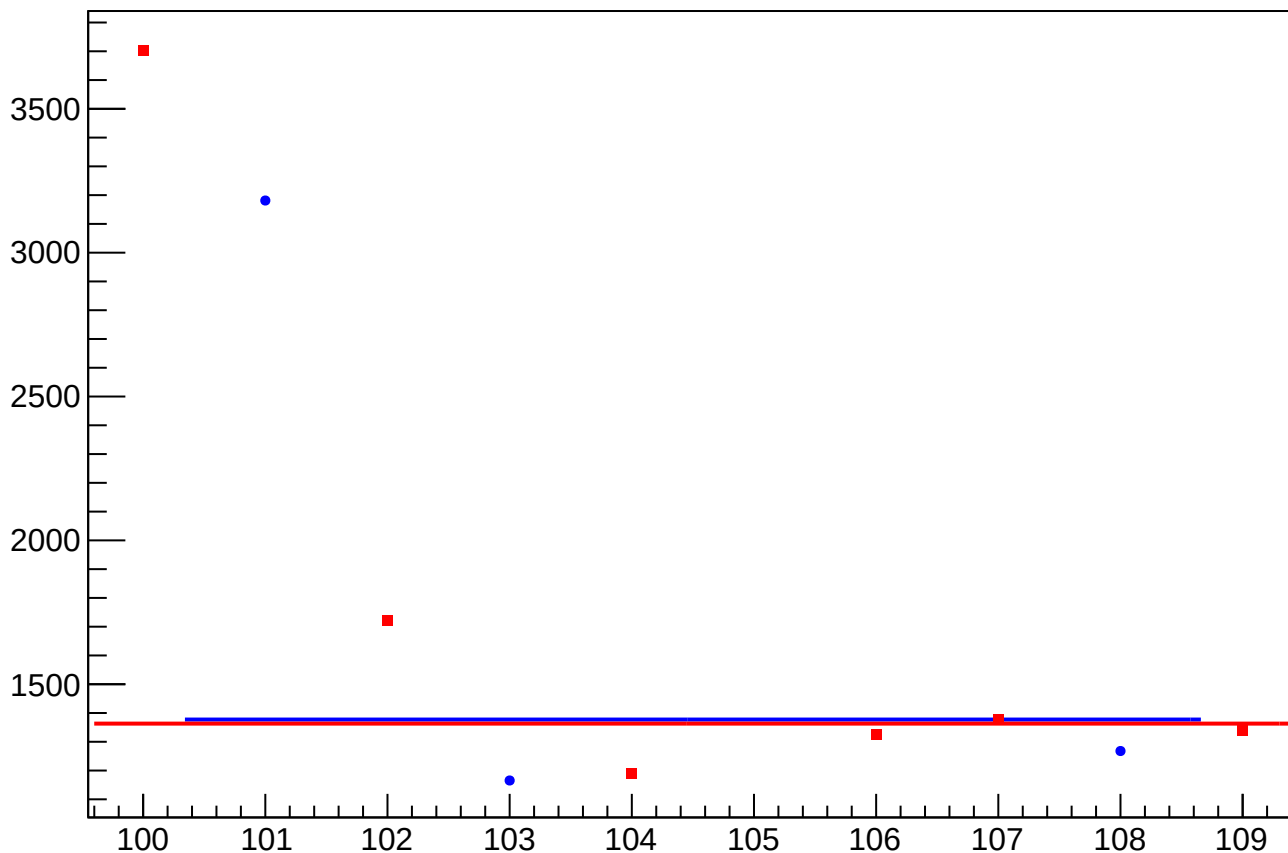
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -373.156 $\pm$ 740.433 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1377.236 $\pm$ 0.825 χ^2 /NDF: 465616.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1363.109 $\pm$ 0.676 χ^2 /NDF: 122428.9/5

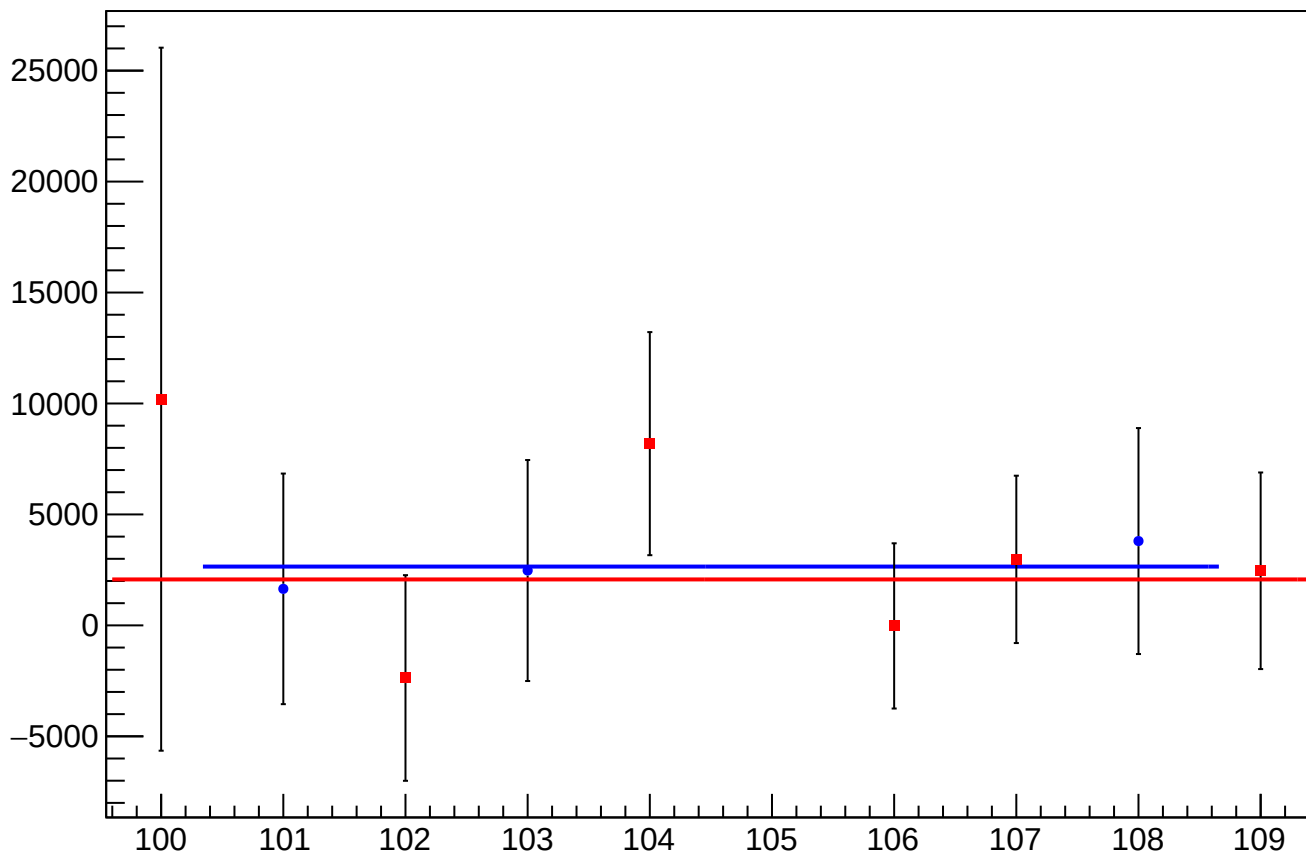
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.785 $\pm$ 0.523 χ^2 /NDF: 588220.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug



Right In: 2649.880 $\pm$ 2937.017 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2070.568 $\pm$ 1877.935 χ^2 /NDF: 3.0/5

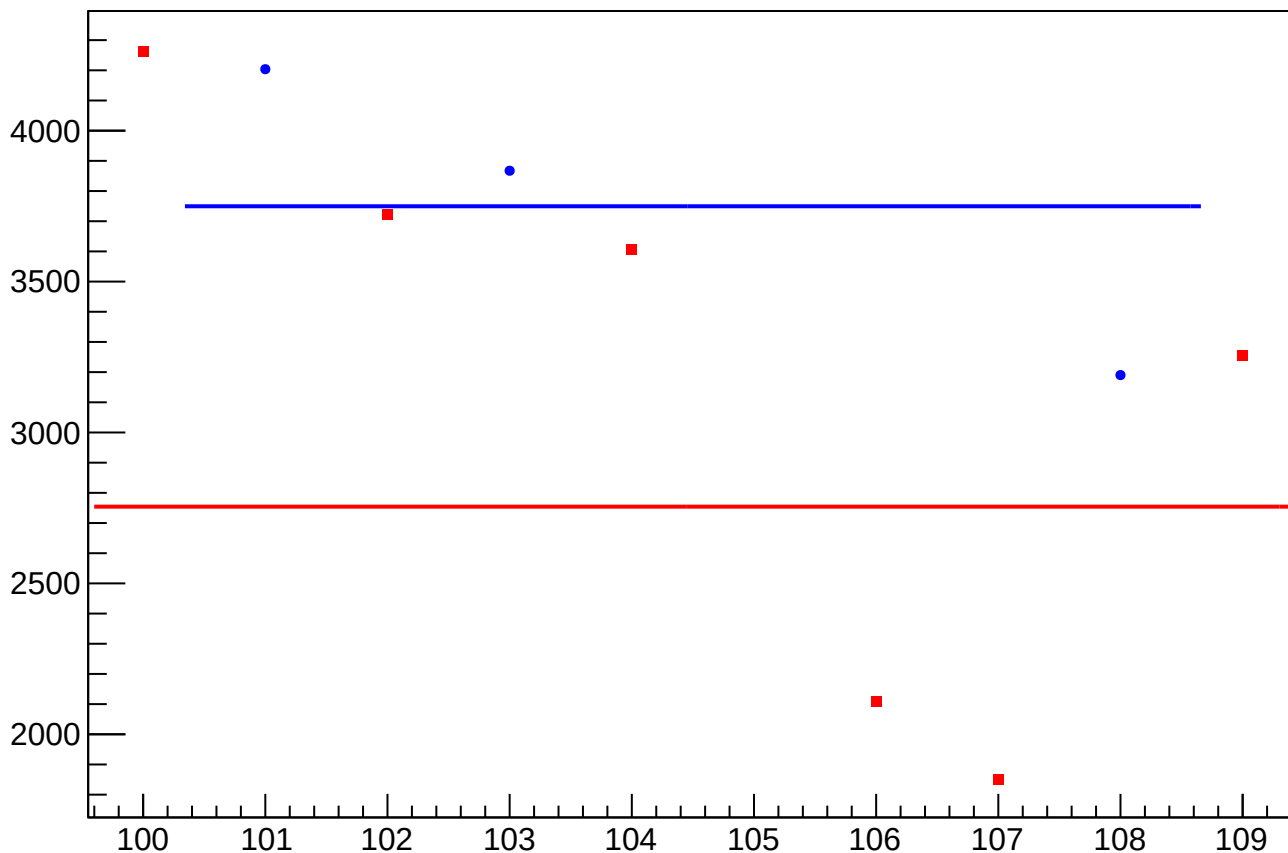
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2238.681 $\pm$ 1582.160 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug



Right In: 3749.540 $\pm$ 2.077 χ^2 /NDF: 40530.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

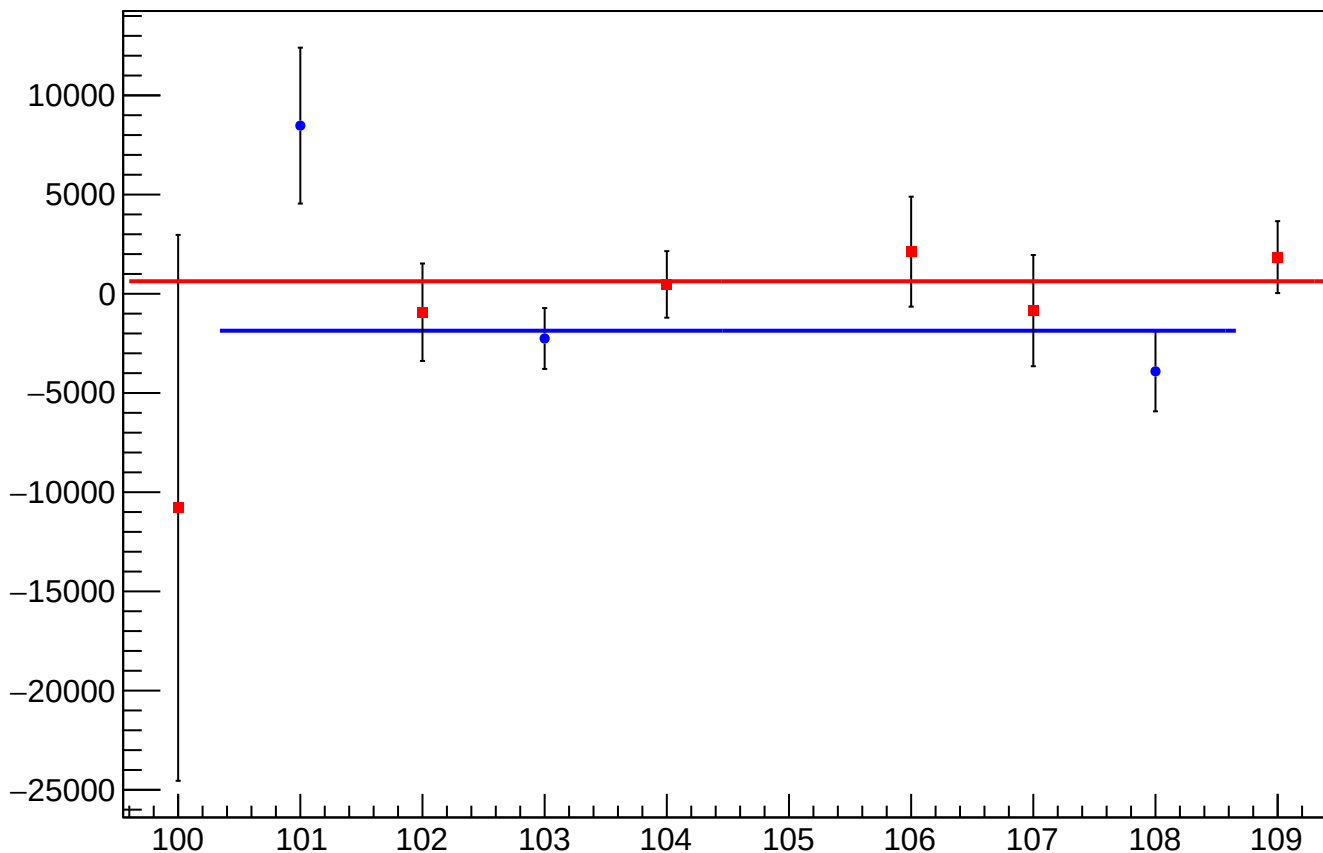
Right Out: 2754.284 $\pm$ 1.328 χ^2 /NDF: 364191.3/5

All: 3043.101 $\pm$ 1.119 χ^2 /NDF: 567736.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -1861.205 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 631.997 $\pm$ 958.419 χ^2 /NDF: 2.1/5

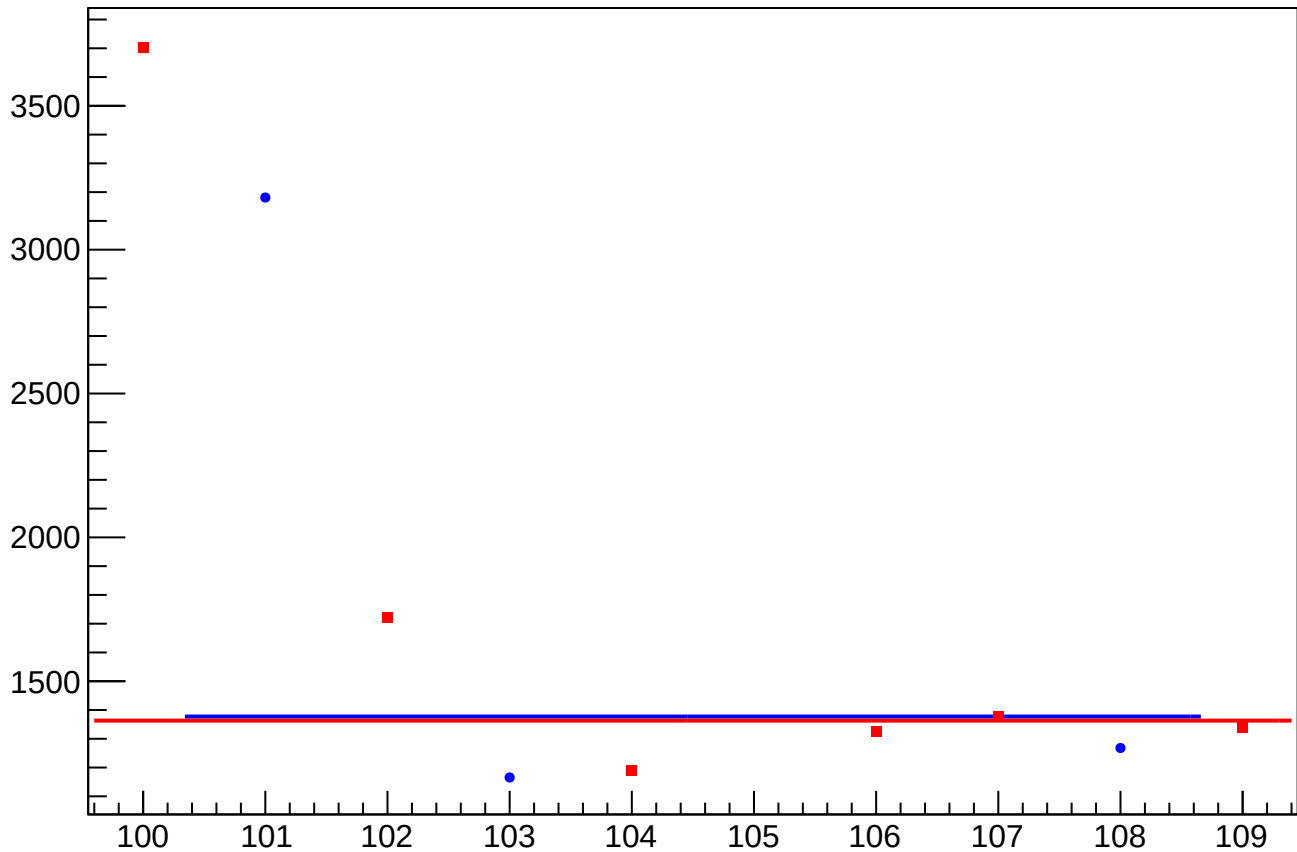
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -373.153 $\pm$ 740.433 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1377.236 $\pm$ 0.825 χ^2 /NDF: 465616.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1363.109 $\pm$ 0.676 χ^2 /NDF: 122429.0/5

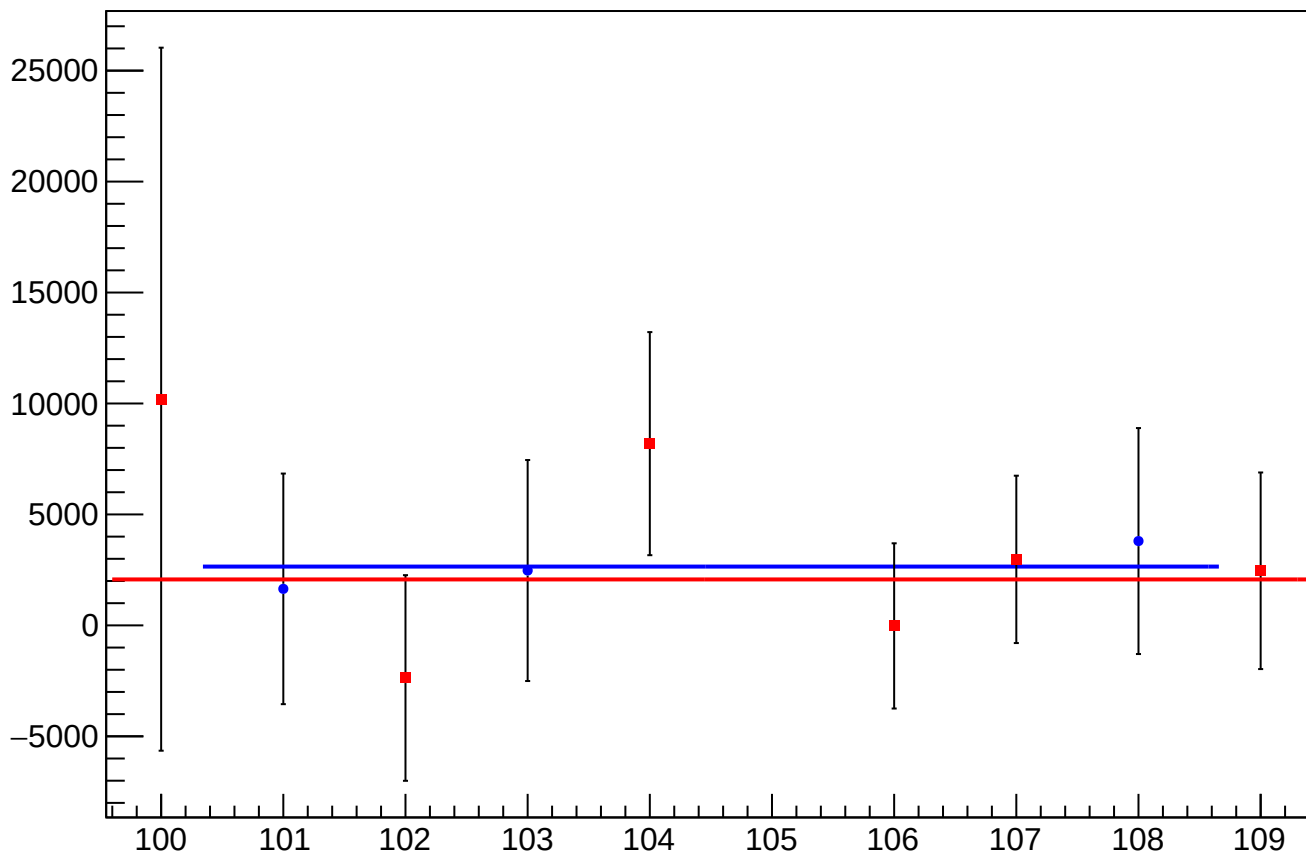
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.785 $\pm$ 0.523 χ^2 /NDF: 588220.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 2649.883 $\pm$ 2937.015 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2070.573 $\pm$ 1877.932 χ^2 /NDF: 3.0/5

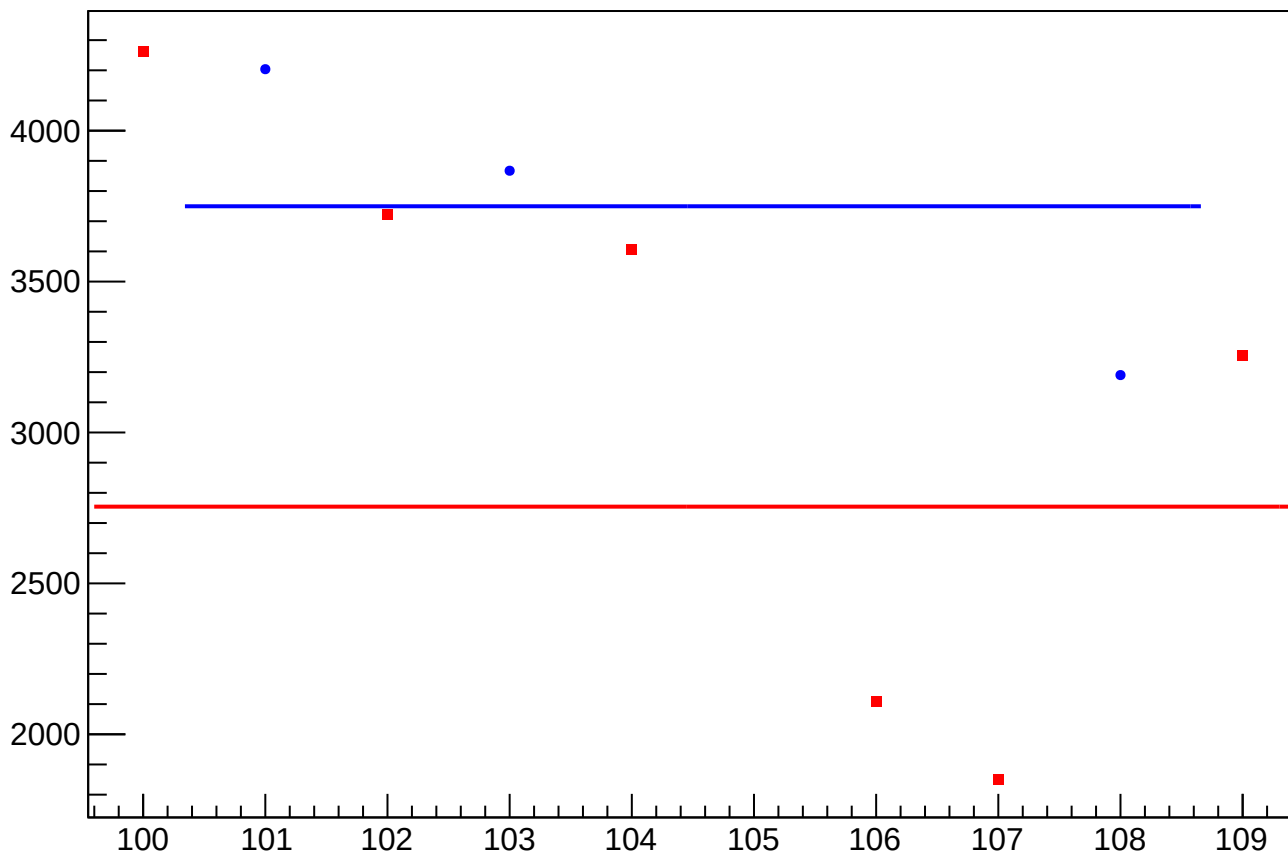
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2238.685 $\pm$ 1582.158 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 3749.538 $\pm$ 2.077 χ^2 /NDF: 40531.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2754.279 $\pm$ 1.328 χ^2 /NDF: 364194.3/5

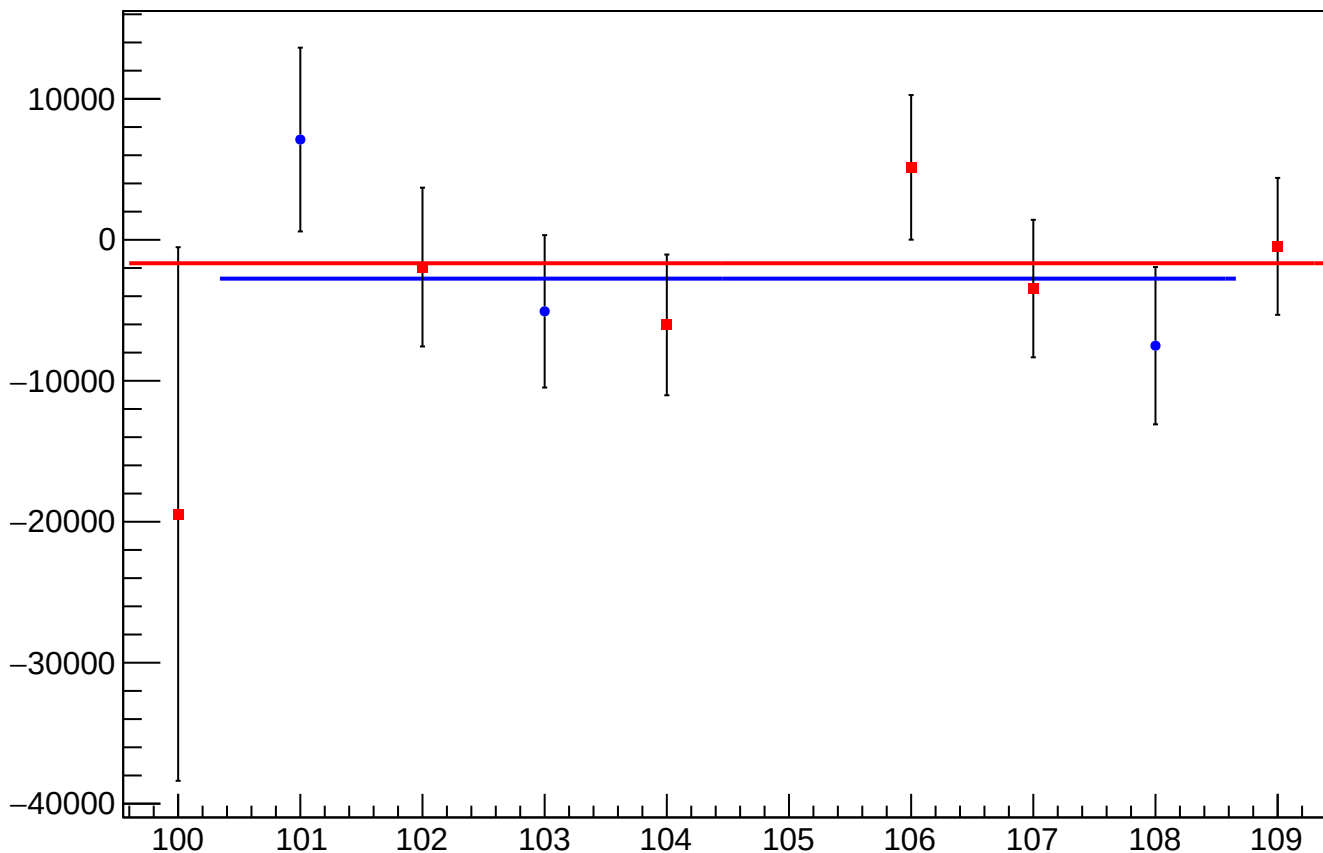
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3043.097 $\pm$ 1.119 χ^2 /NDF: 567741.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -2752.341+/-3335.640 χ^2 /NDF: 3.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1661.540+/-2253.686 χ^2 /NDF: 3.6/5

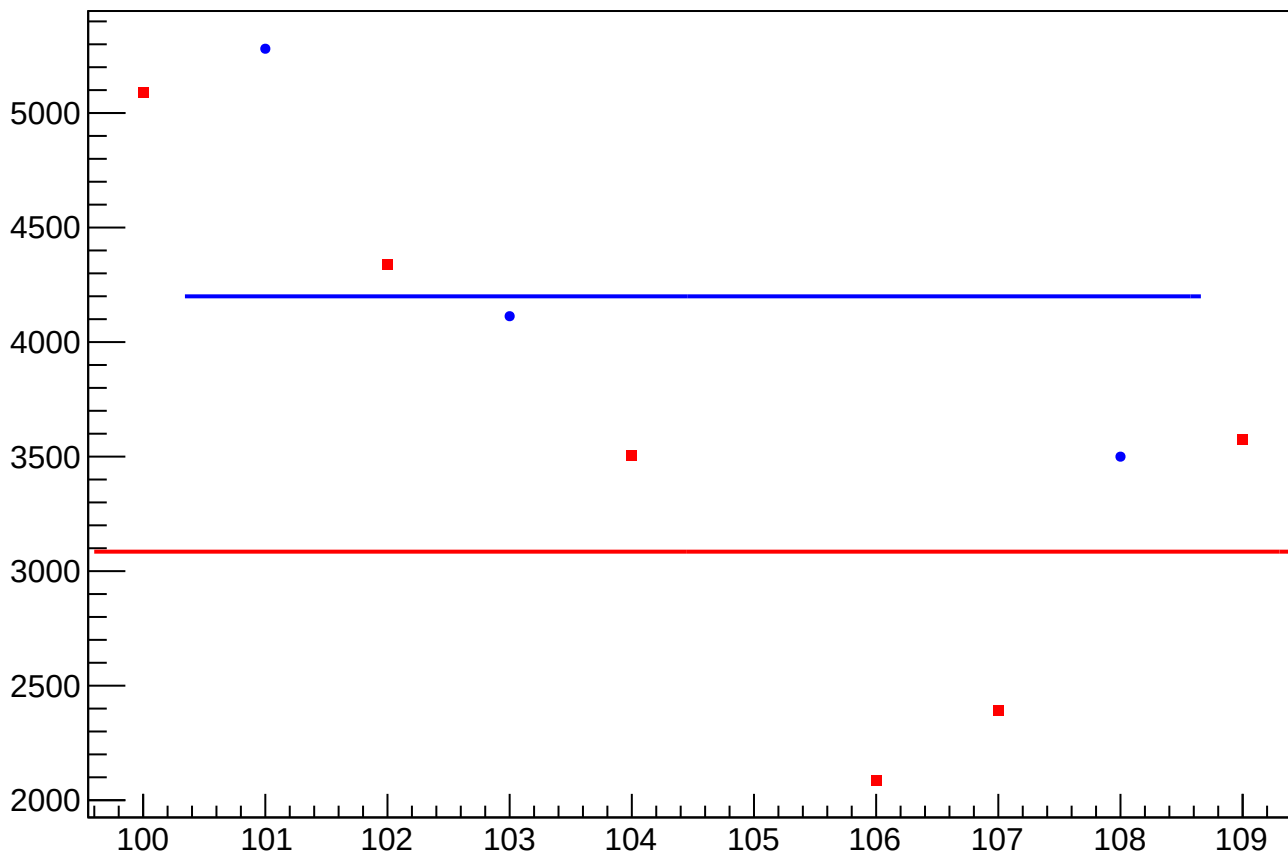
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2003.415+/-1867.412 χ^2 /NDF: 6.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 4199.698 $\pm$ 2.359 χ^2 /NDF: 86987.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3085.054 $\pm$ 1.534 χ^2 /NDF: 302461.0/5

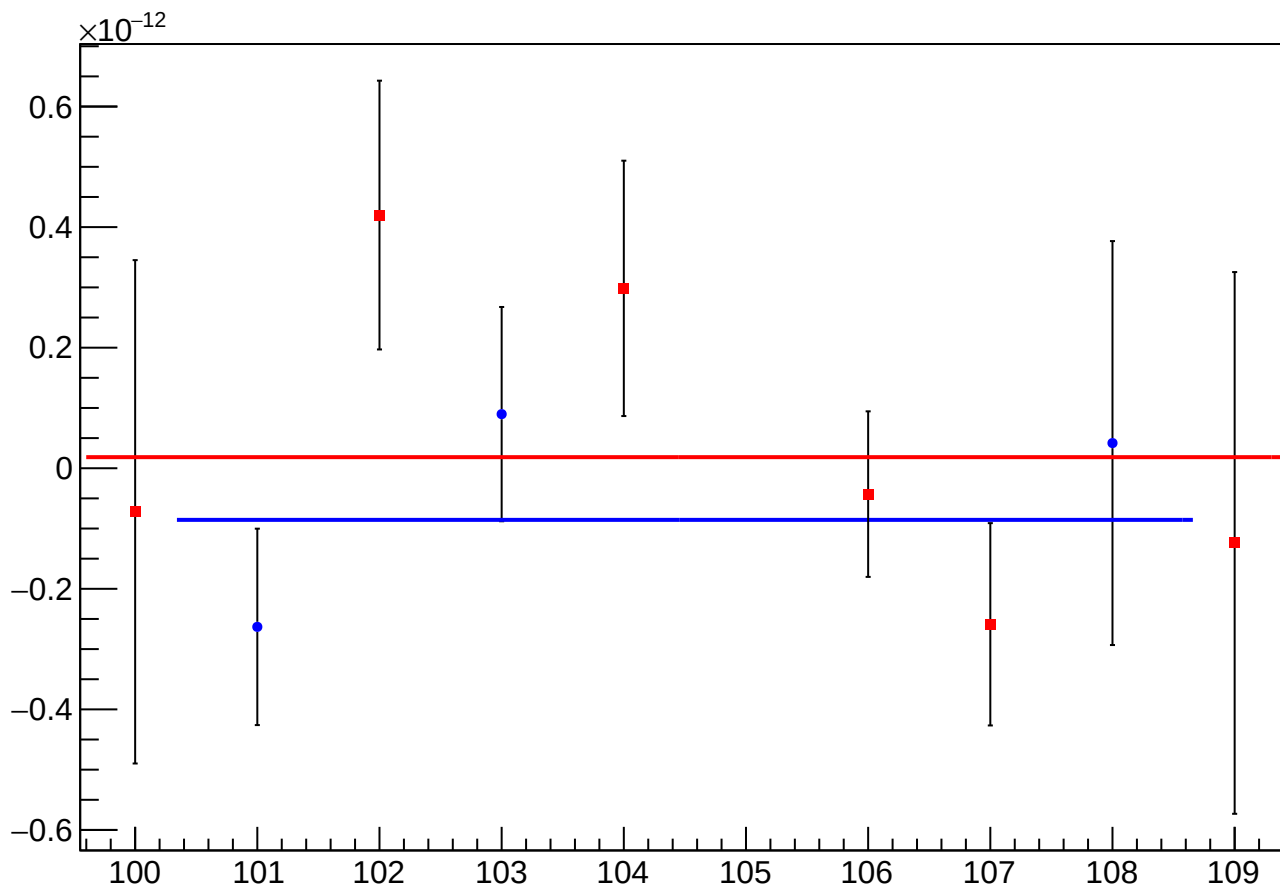
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3416.408 $\pm$ 1.286 χ^2 /NDF: 546401.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/5

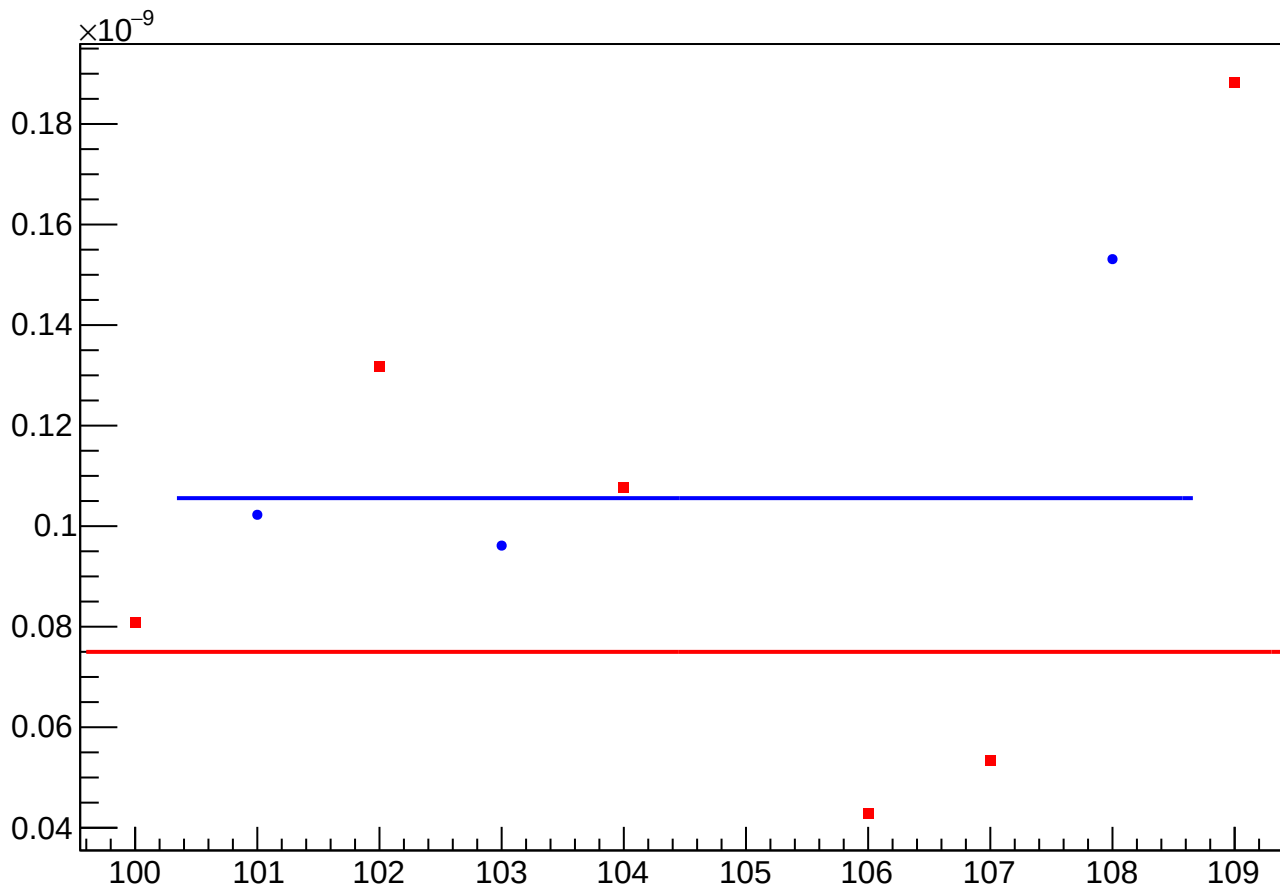
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 46744.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 447358.1/5

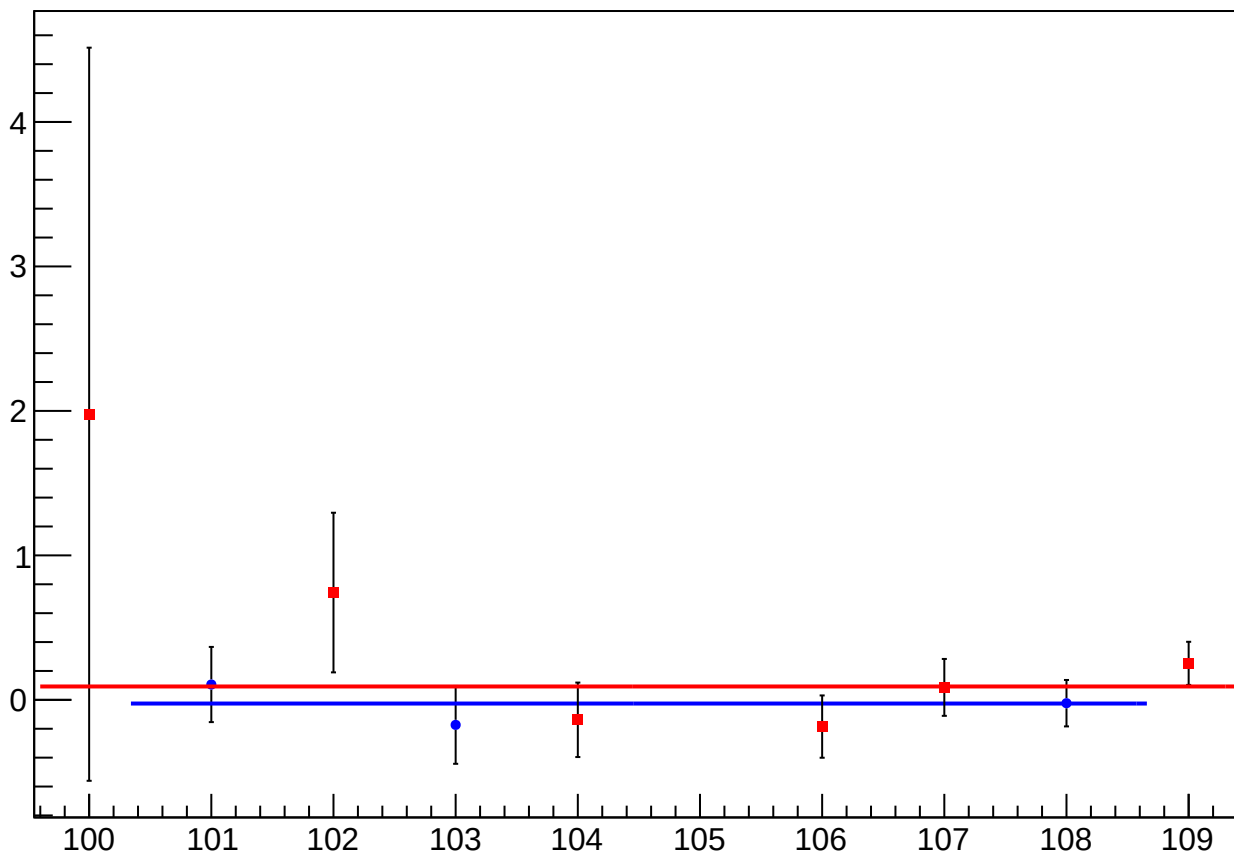
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 588359.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

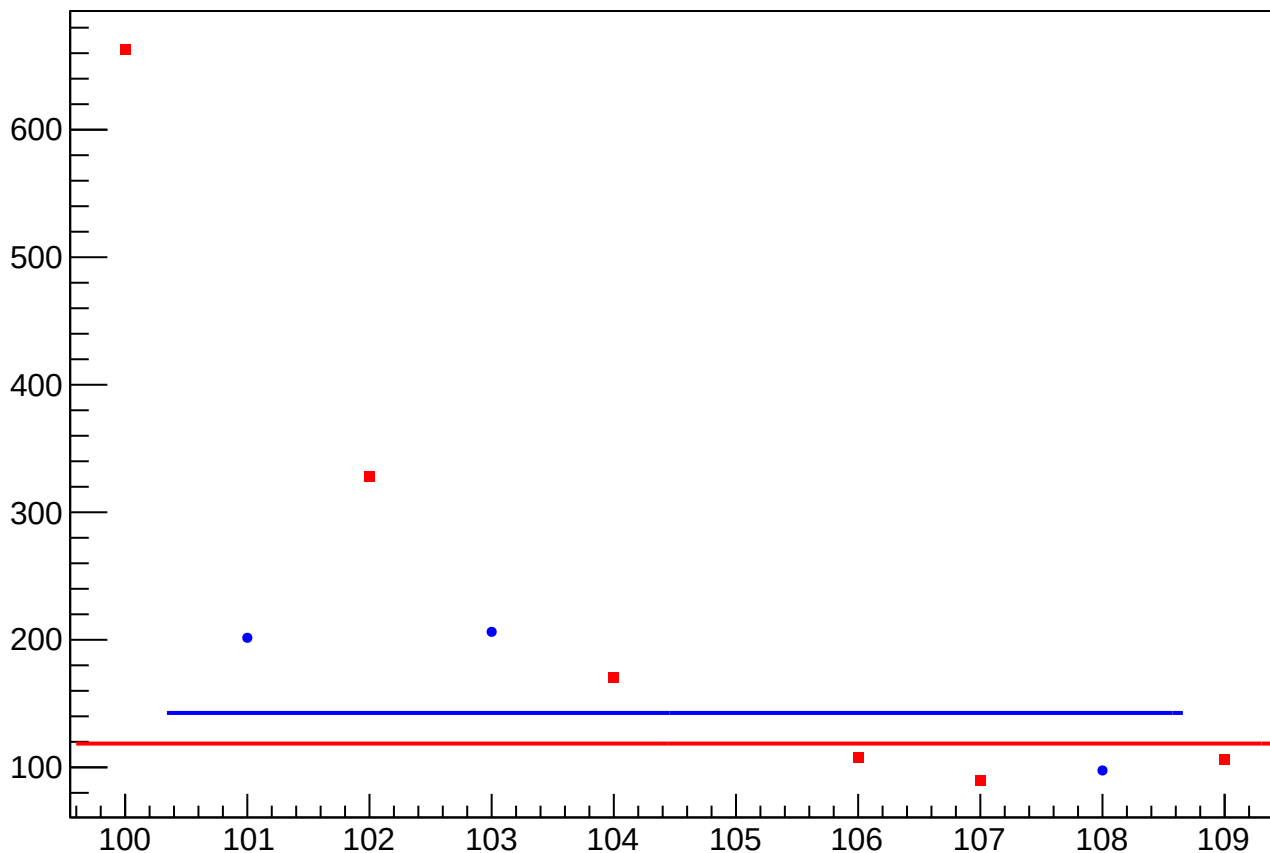
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.075 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

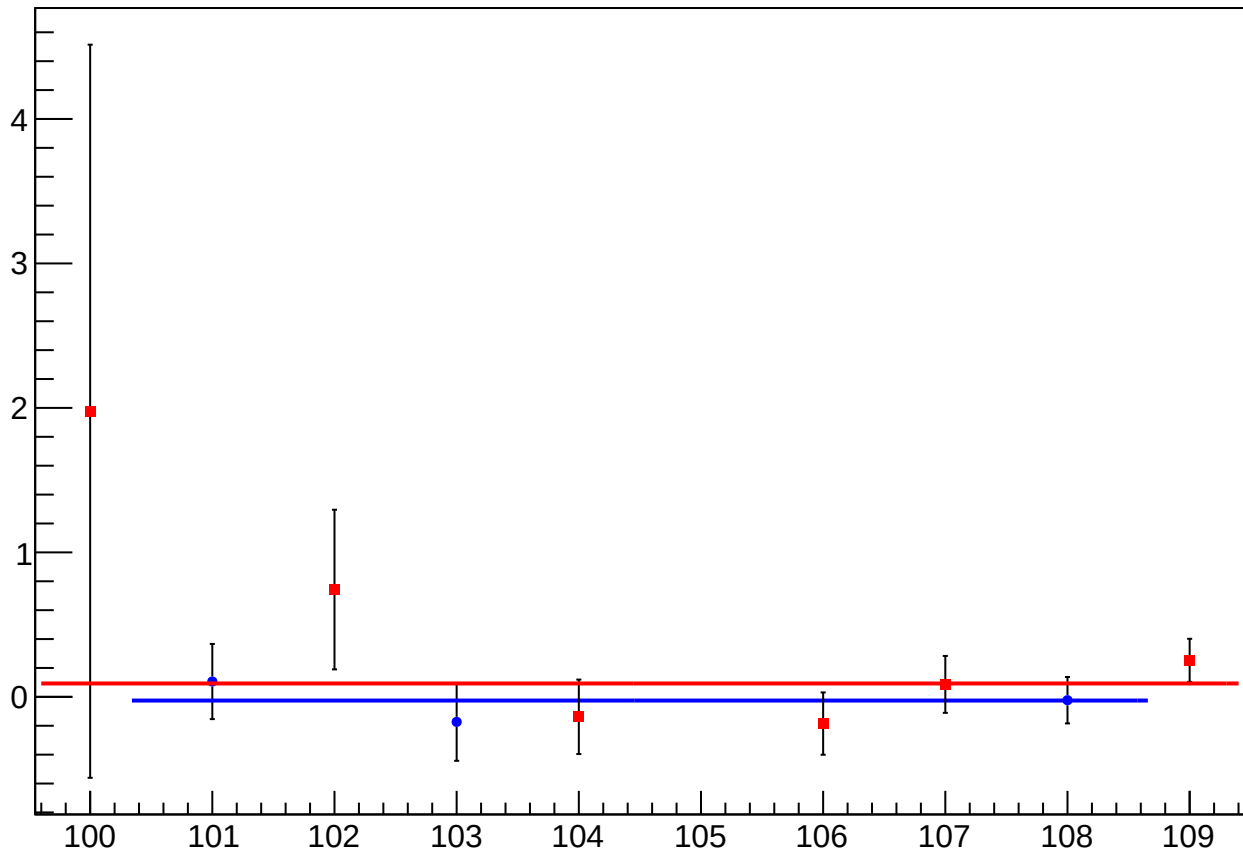
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.721+/-0.053 χ^2/NDF : 942242.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 +/- 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.093 +/- 0.095 χ^2/NDF : 5.5/5

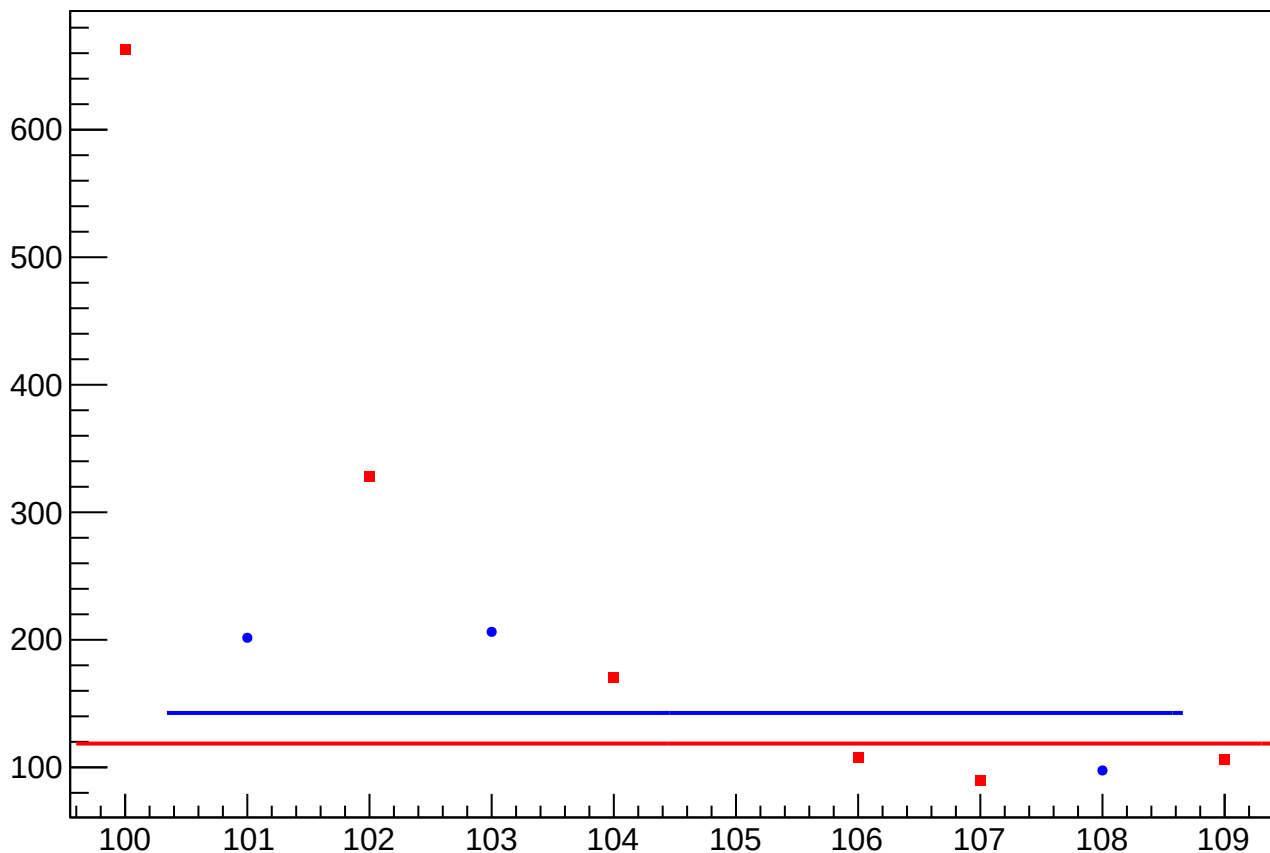
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.048 +/- 0.075 χ^2/NDF : 6.7/8

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

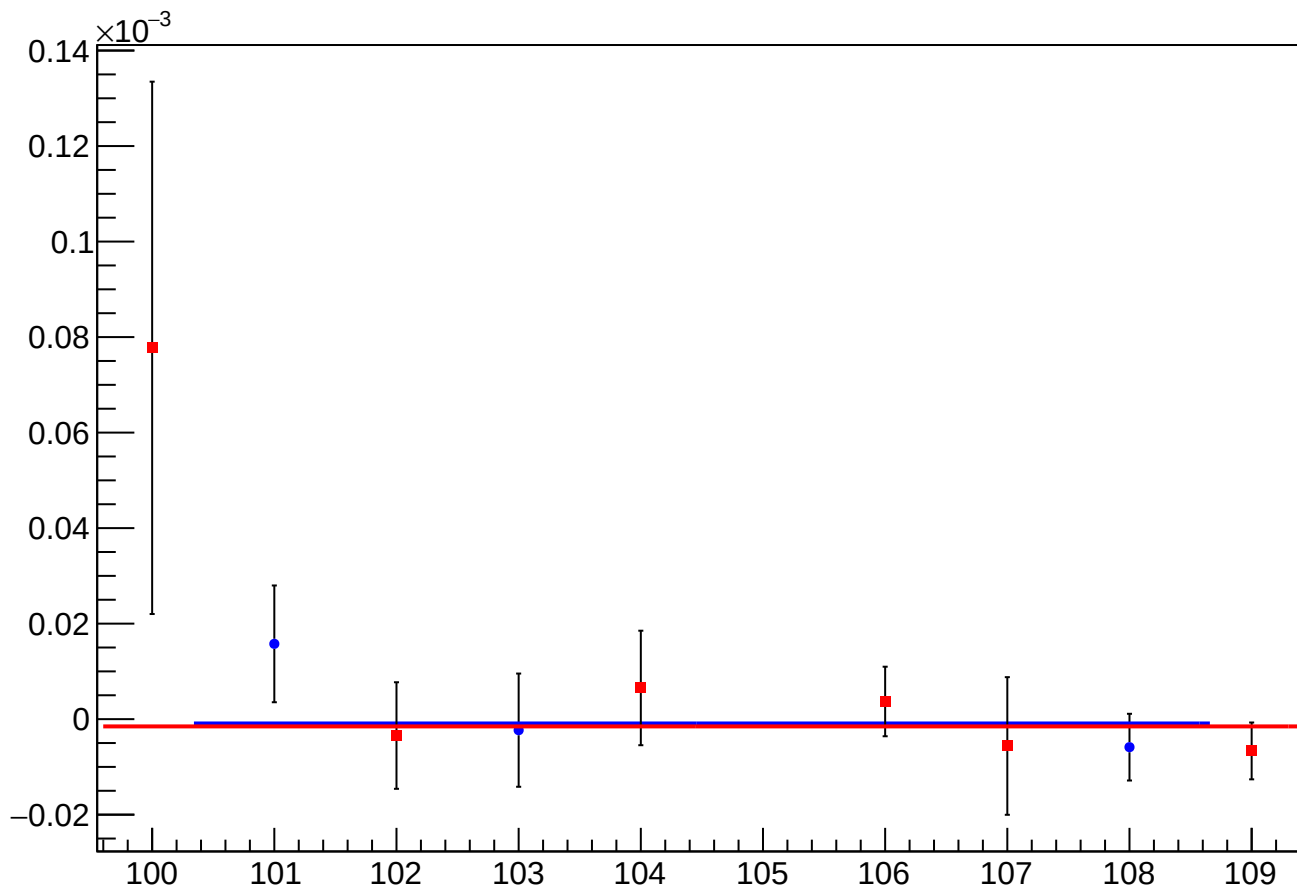
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.721+/-0.053 χ^2/NDF : 942242.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/5

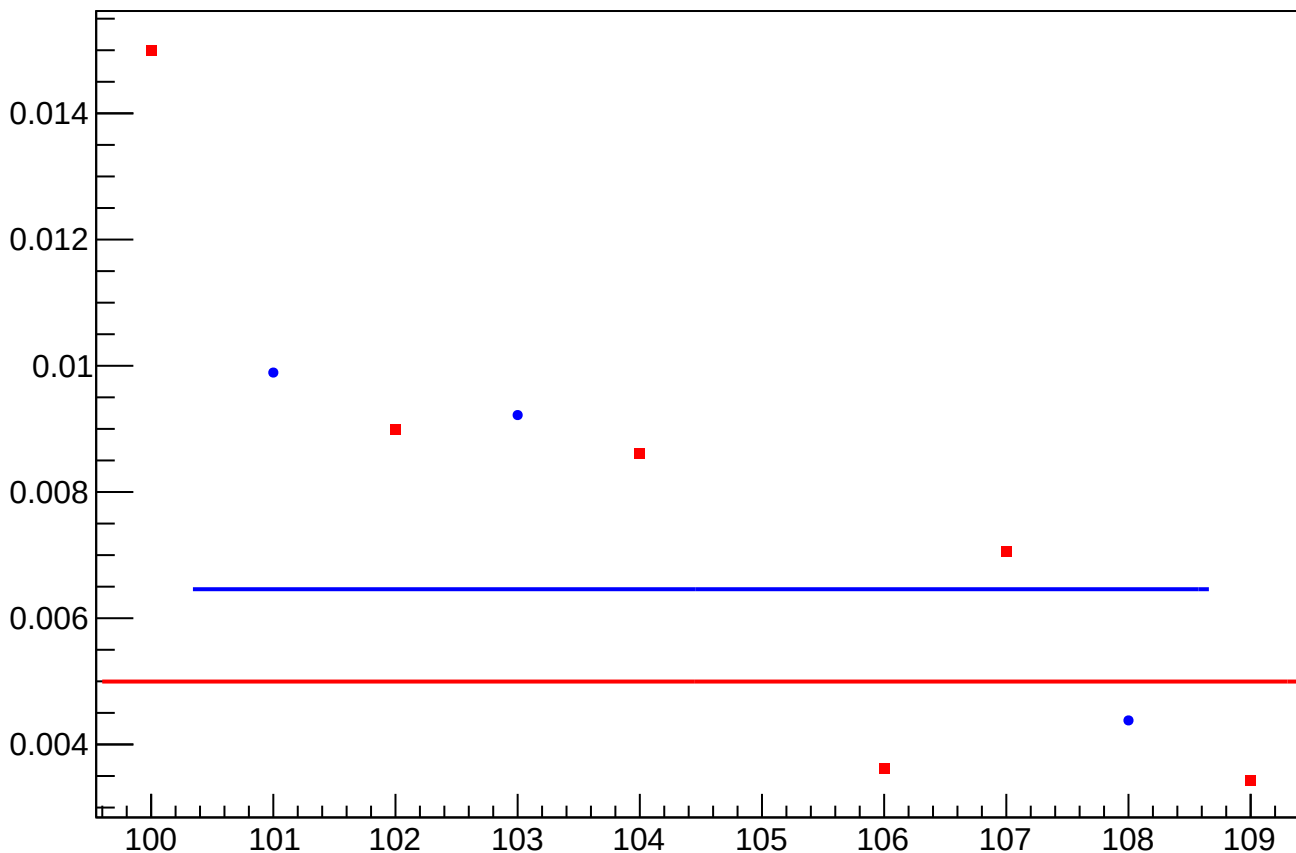
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 754897.7/5

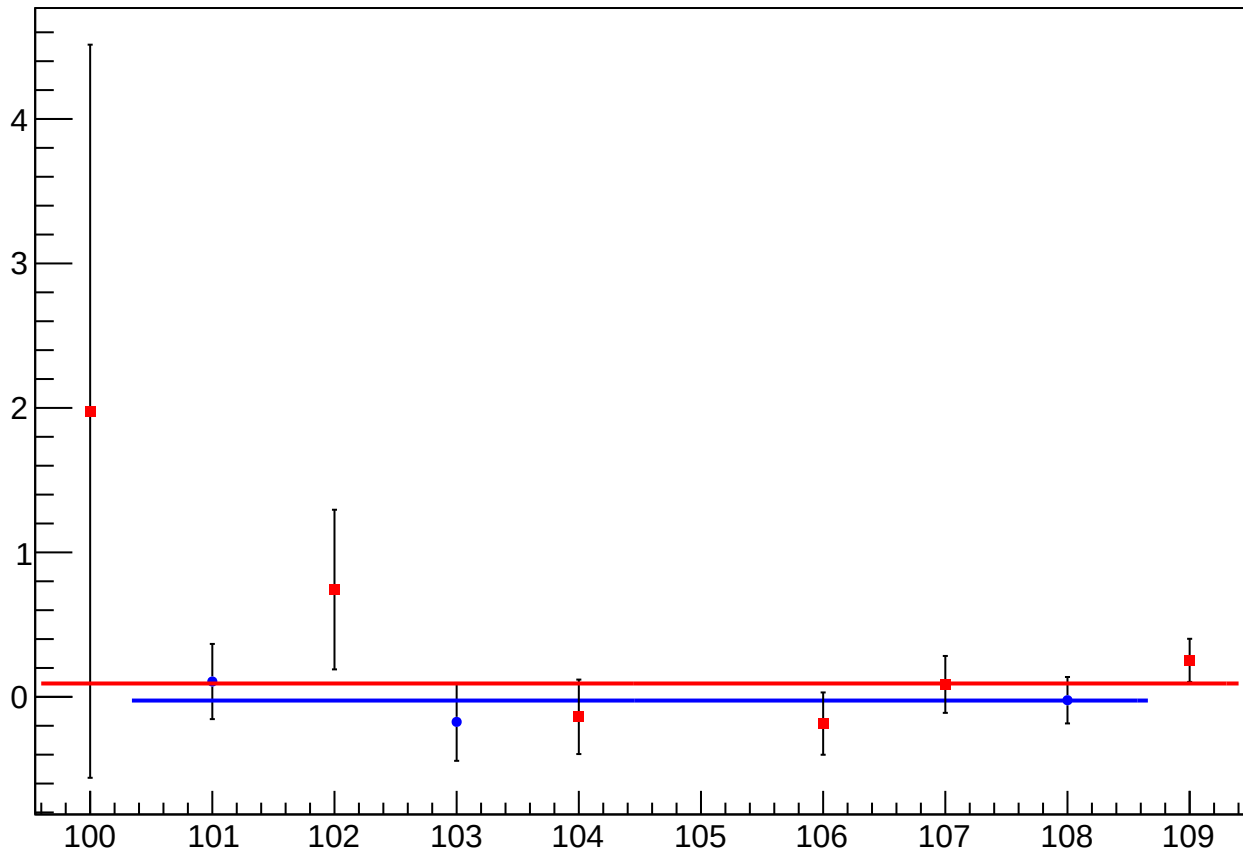
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1295390.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

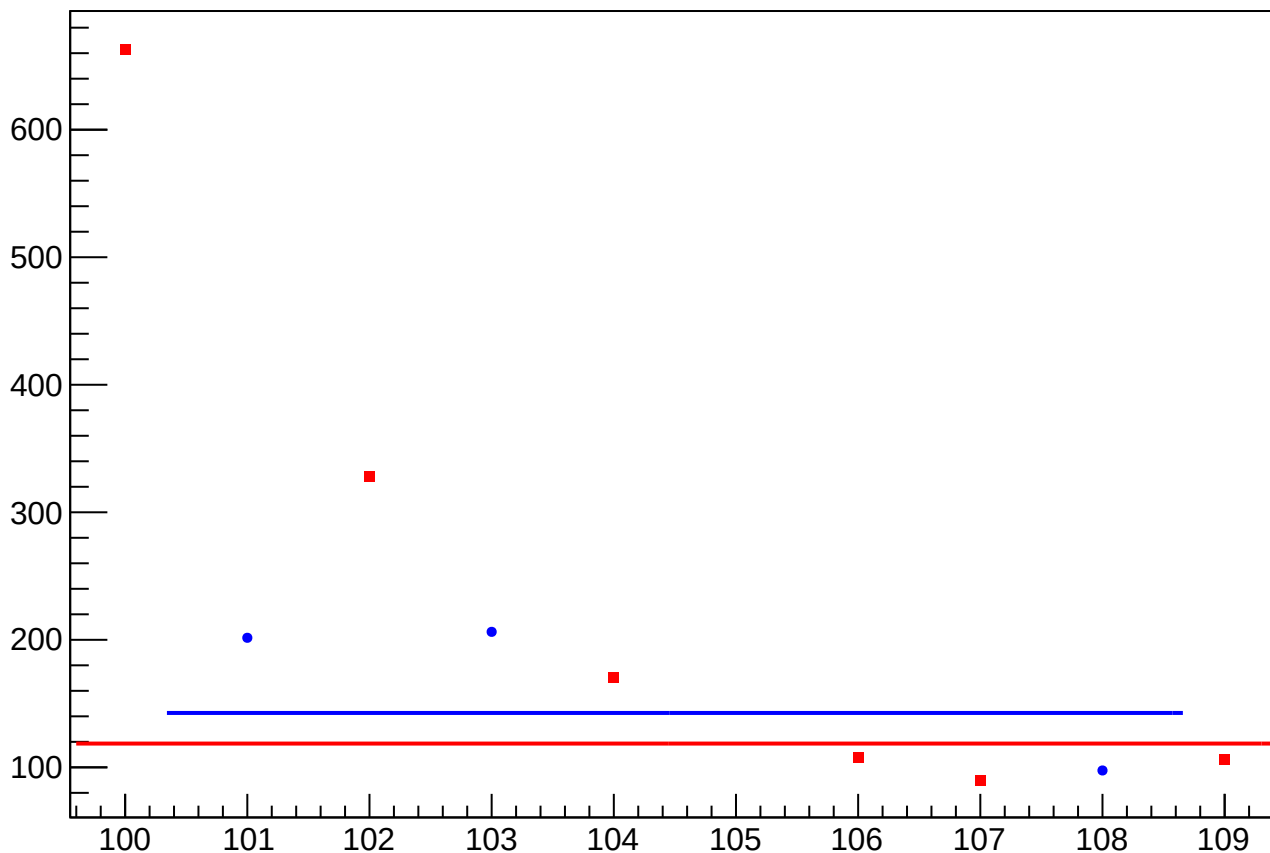
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.075 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

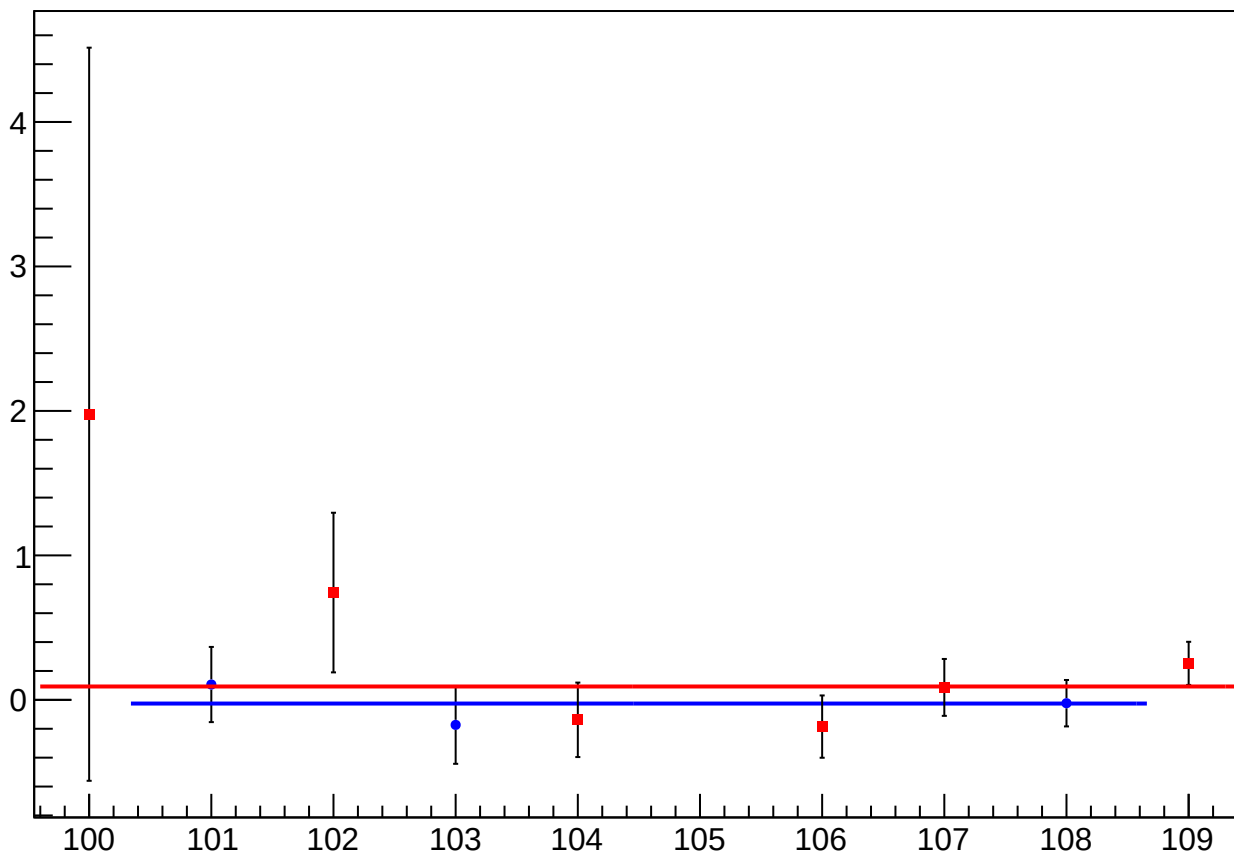
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.724+/-0.053 χ^2/NDF : 942171.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

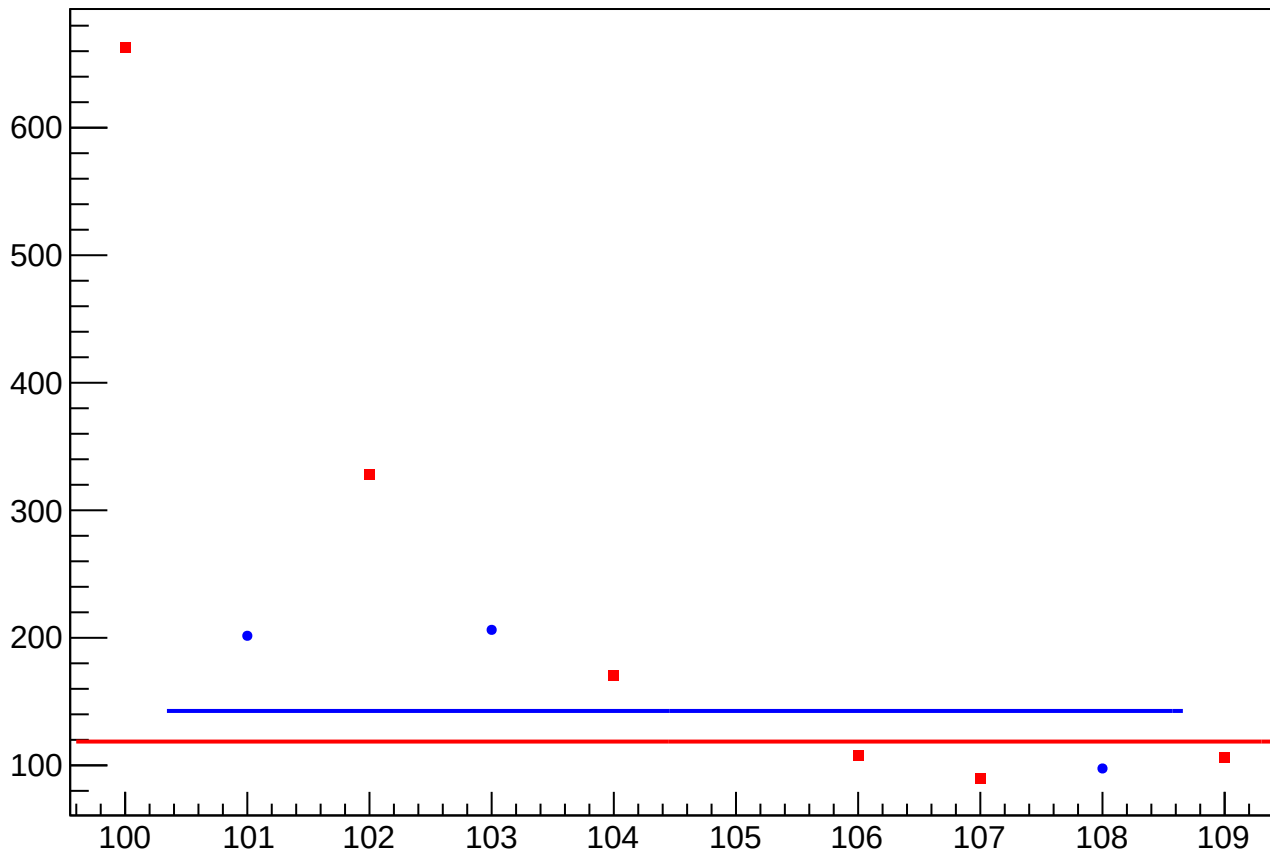
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.075 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.655 $\pm$ 0.086 χ^2 /NDF: 371607.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 118.648 $\pm$ 0.067 χ^2 /NDF: 522333.6/5

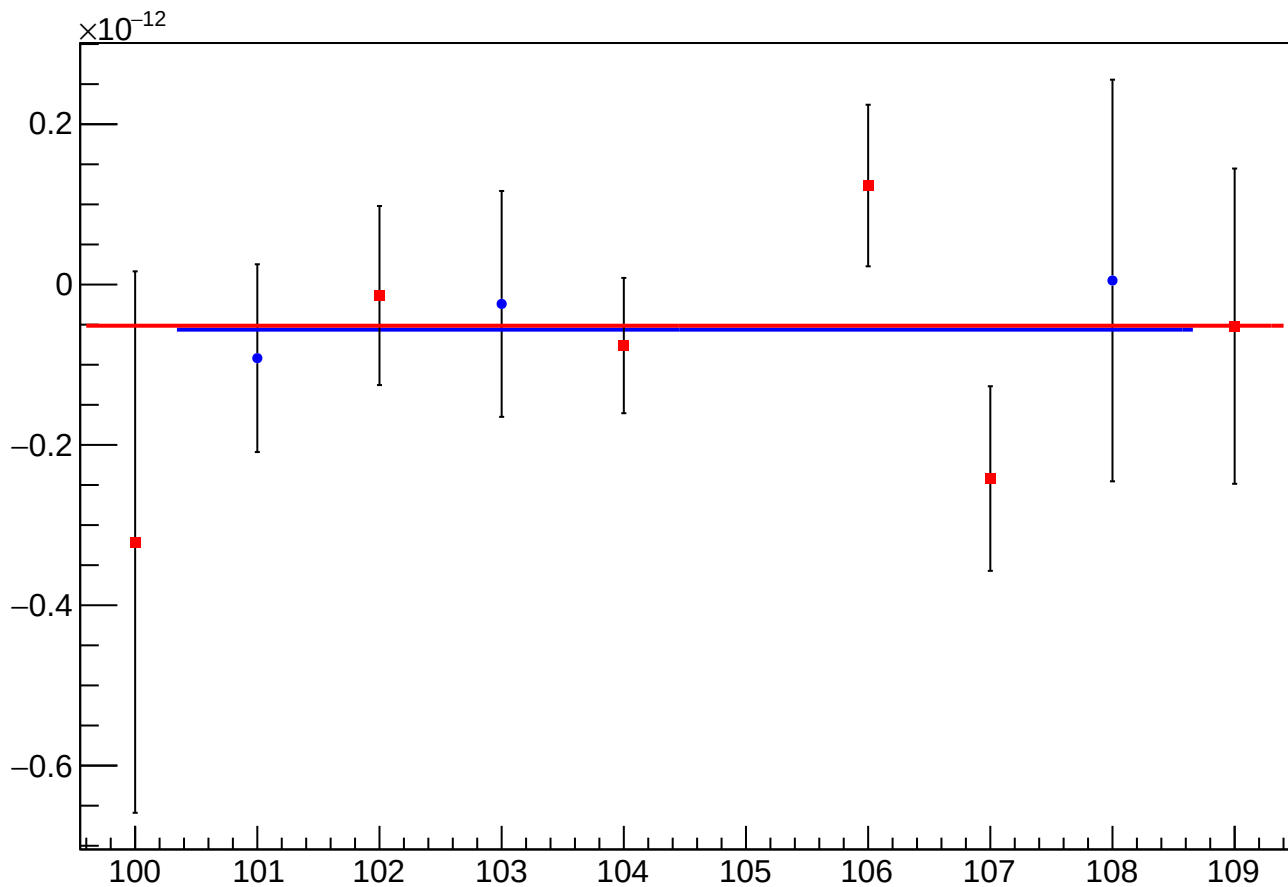
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.724 $\pm$ 0.053 χ^2 /NDF: 942171.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.6/5

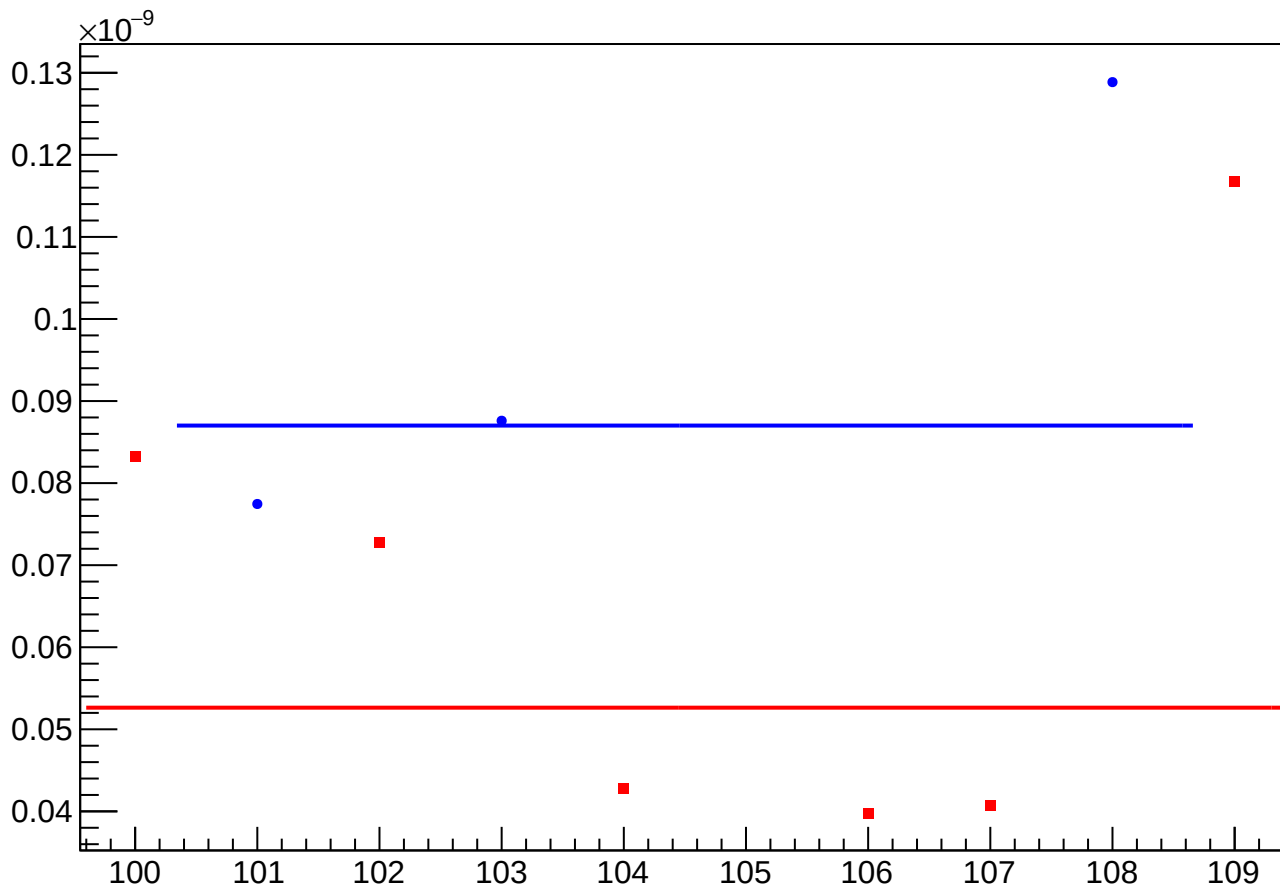
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 69167.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 375436.8/5

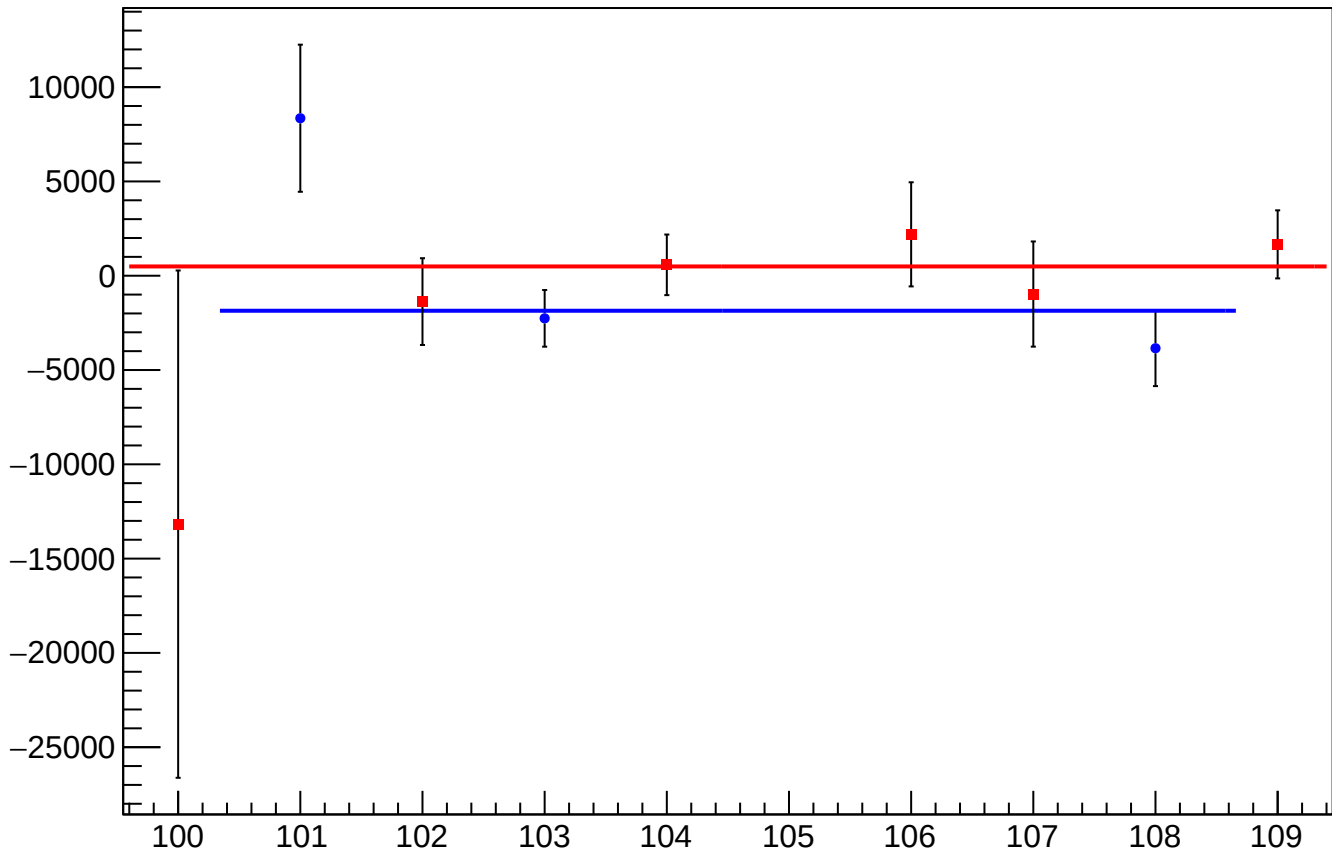
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 693055.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1857.127 $\pm$ 1149.498 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 491.911 $\pm$ 932.955 χ^2 /NDF: 2.8/5

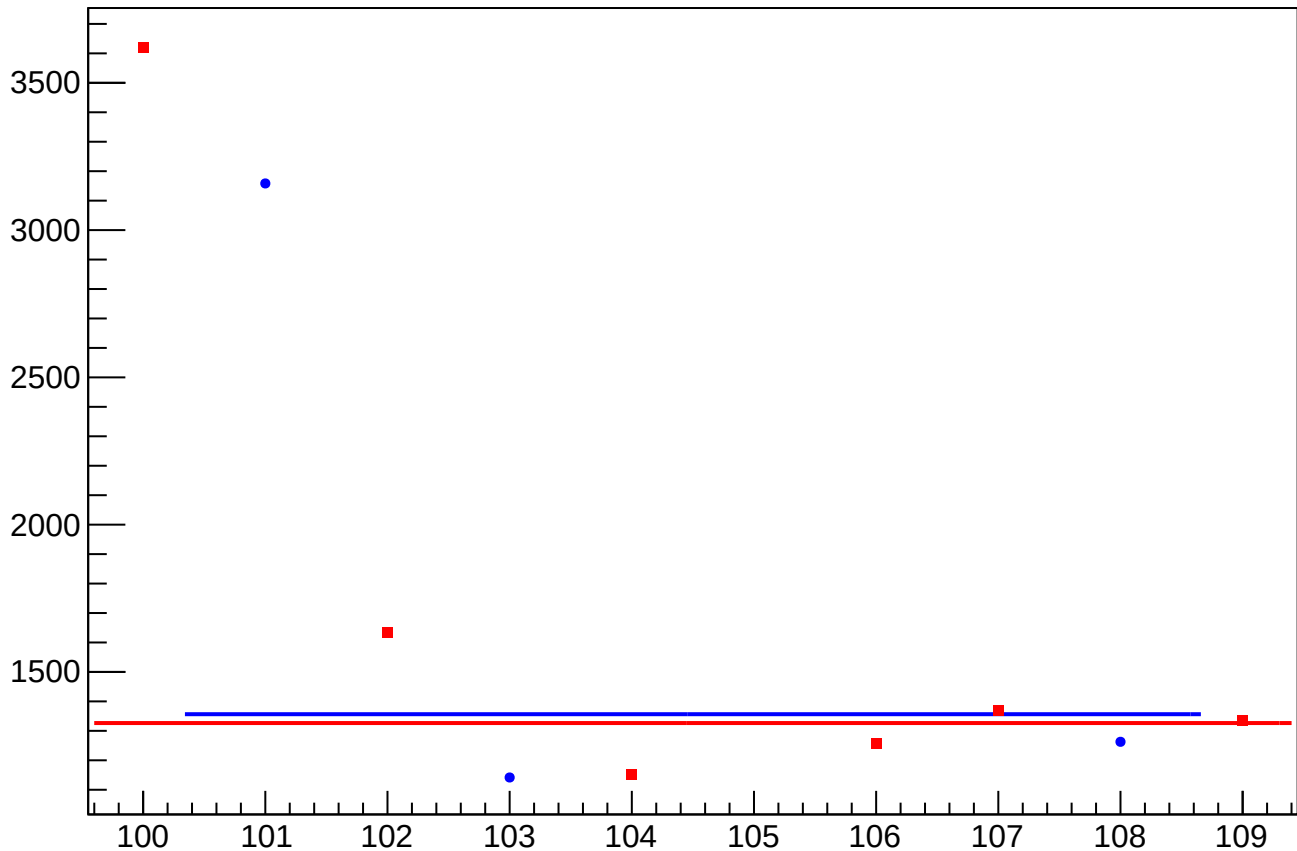
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -440.957 $\pm$ 724.392 χ^2 /NDF: 13.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1356.507 $\pm$ 0.813 χ^2 /NDF: 472191.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

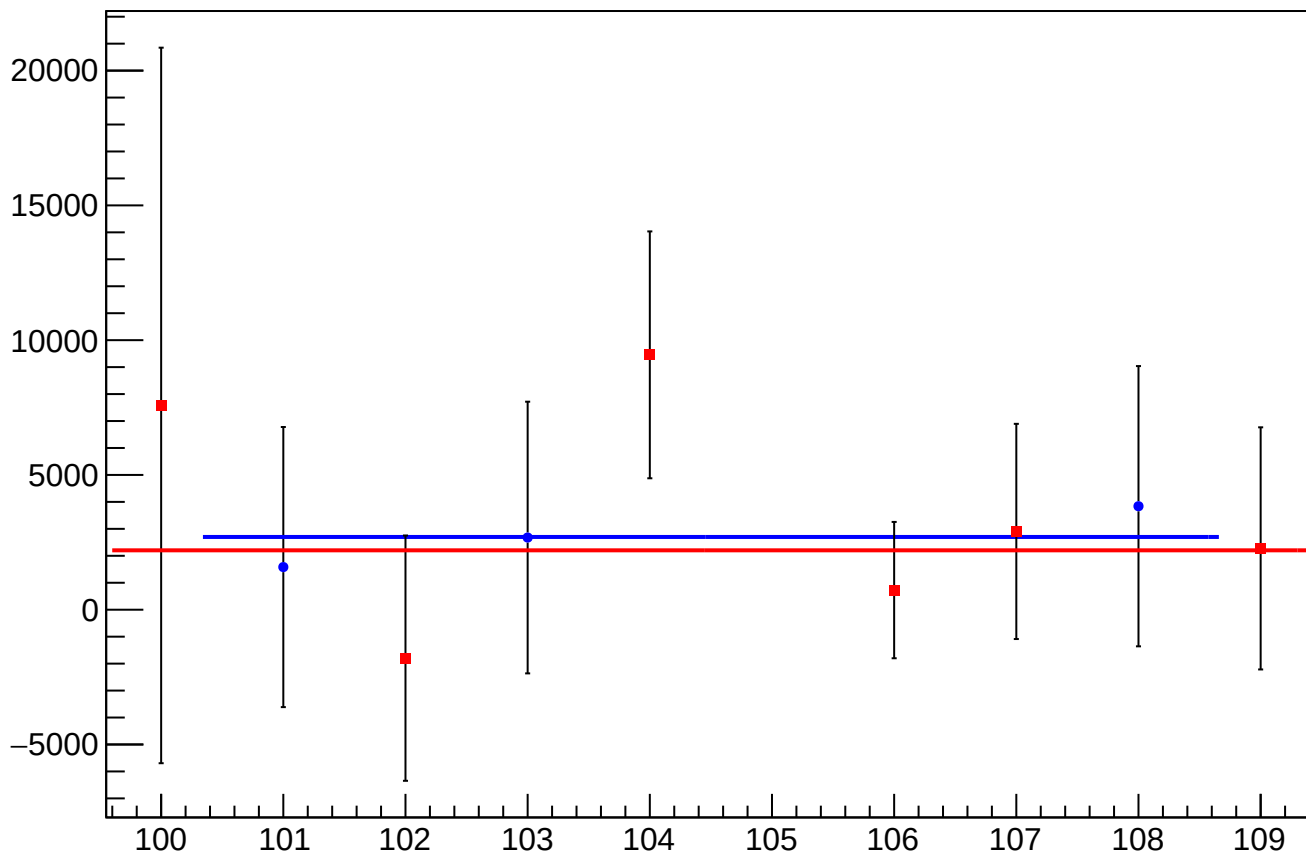
Right Out: 1326.472 $\pm$ 0.653 χ^2 /NDF: 119815.4/5

All: 1338.263 $\pm$ 0.509 χ^2 /NDF: 592836.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug



Right In: 2699.044+/-2969.420 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2203.111+/-1643.179 χ^2/NDF : 3.8/5

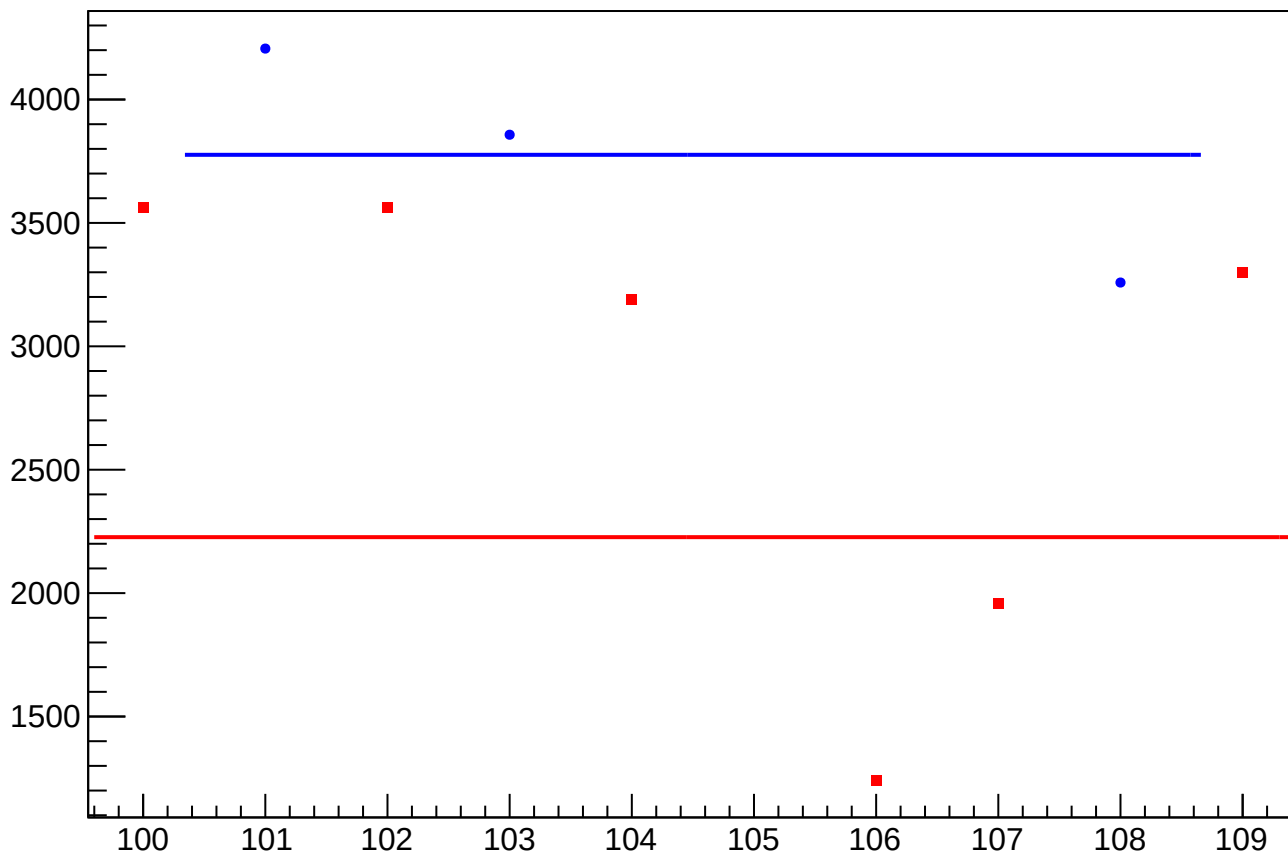
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2319.372+/-1437.731 χ^2/NDF : 3.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug



Right In: 3775.958 $\pm$ 2.100 χ^2 /NDF: 34064.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2226.775 $\pm$ 1.162 χ^2 /NDF: 707505.2/5

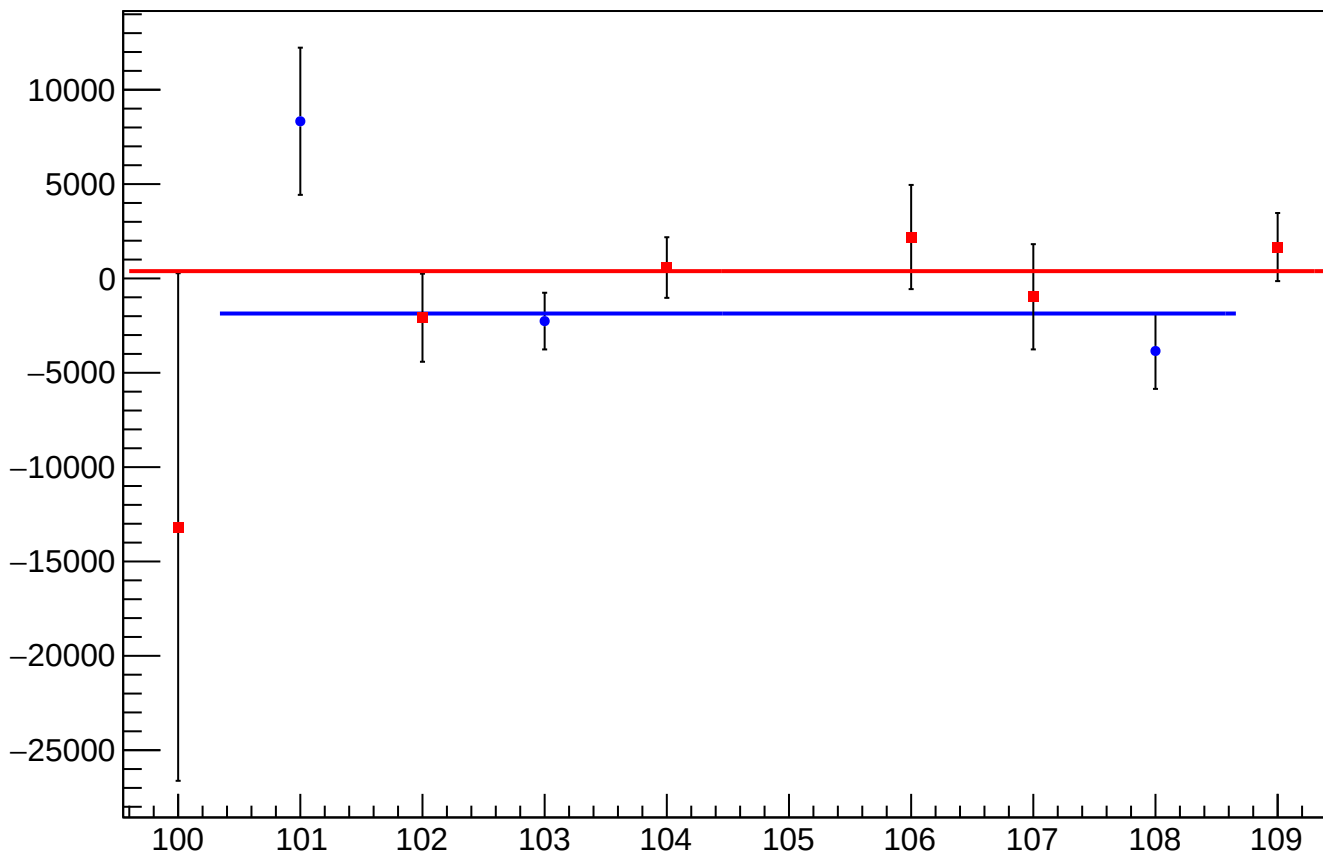
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2589.949 $\pm$ 1.017 χ^2 /NDF: 1158321.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1858.998 ± 1149.499 χ^2/NDF : 7.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 387.255 ± 935.226 χ^2/NDF : 3.3/5

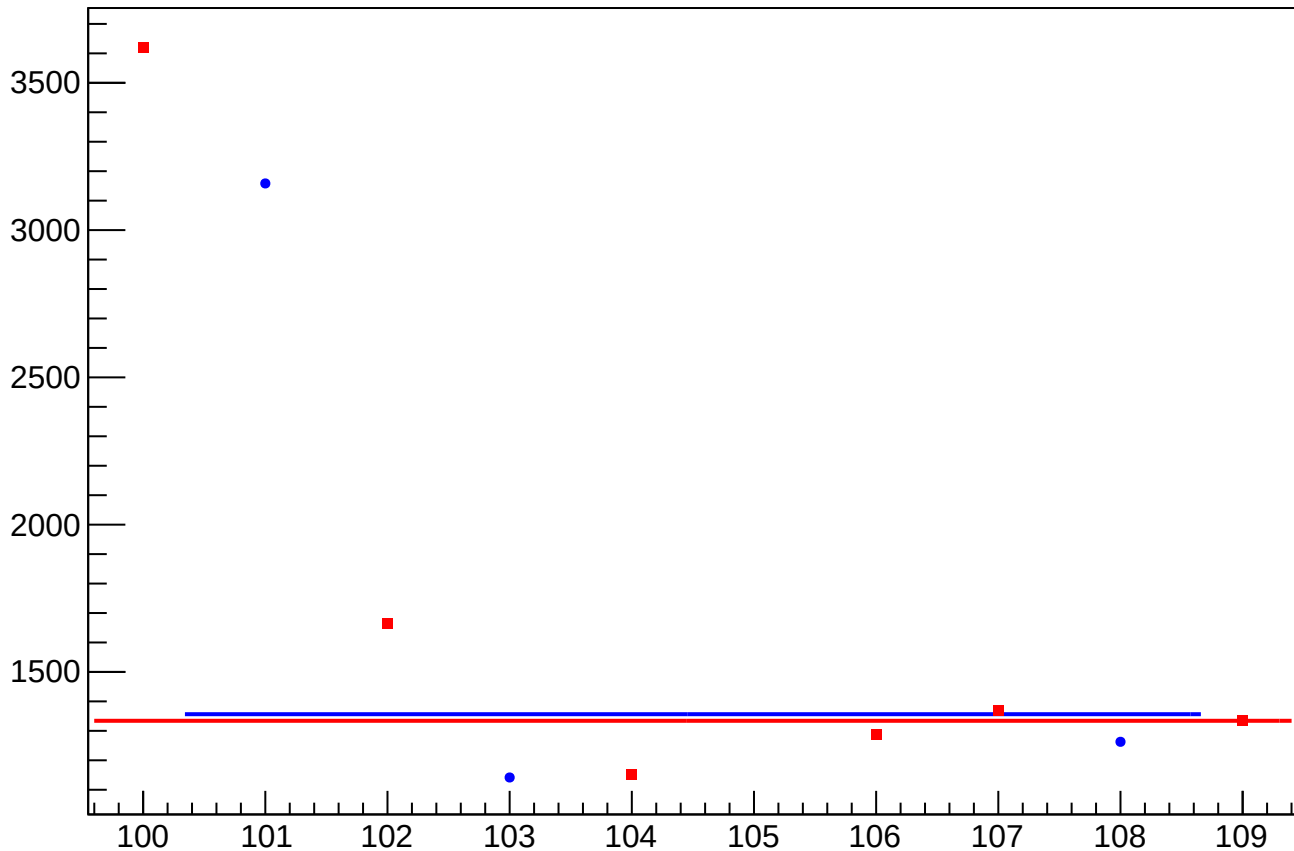
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -507.410 ± 725.453 χ^2/NDF : 13.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.137 $\pm$ 0.657 χ^2 /NDF: 125276.8/5

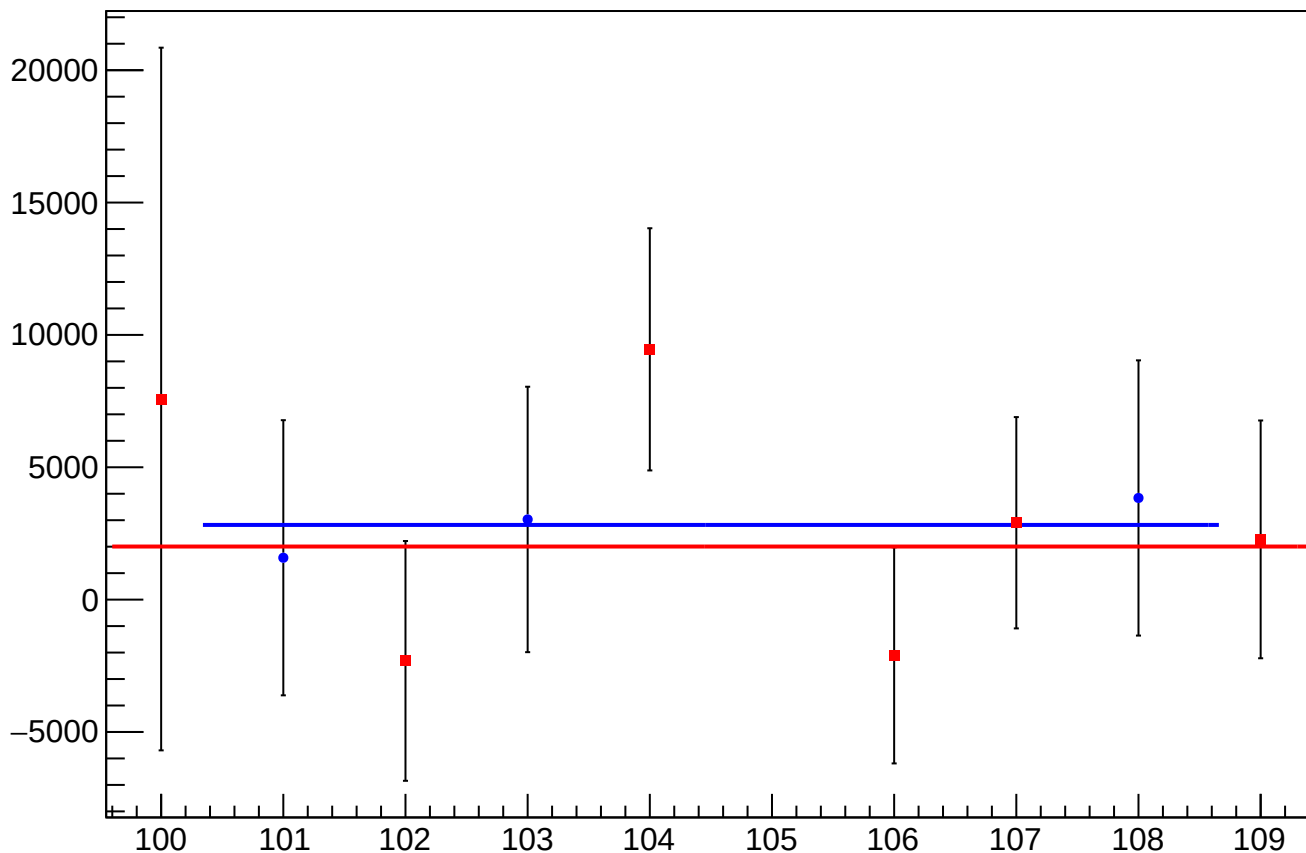
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1342.974 $\pm$ 0.511 χ^2 /NDF: 597928.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug



Right In: 2821.754 $\pm$ 2964.328 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2005.532 $\pm$ 1908.465 χ^2 /NDF: 4.8/5

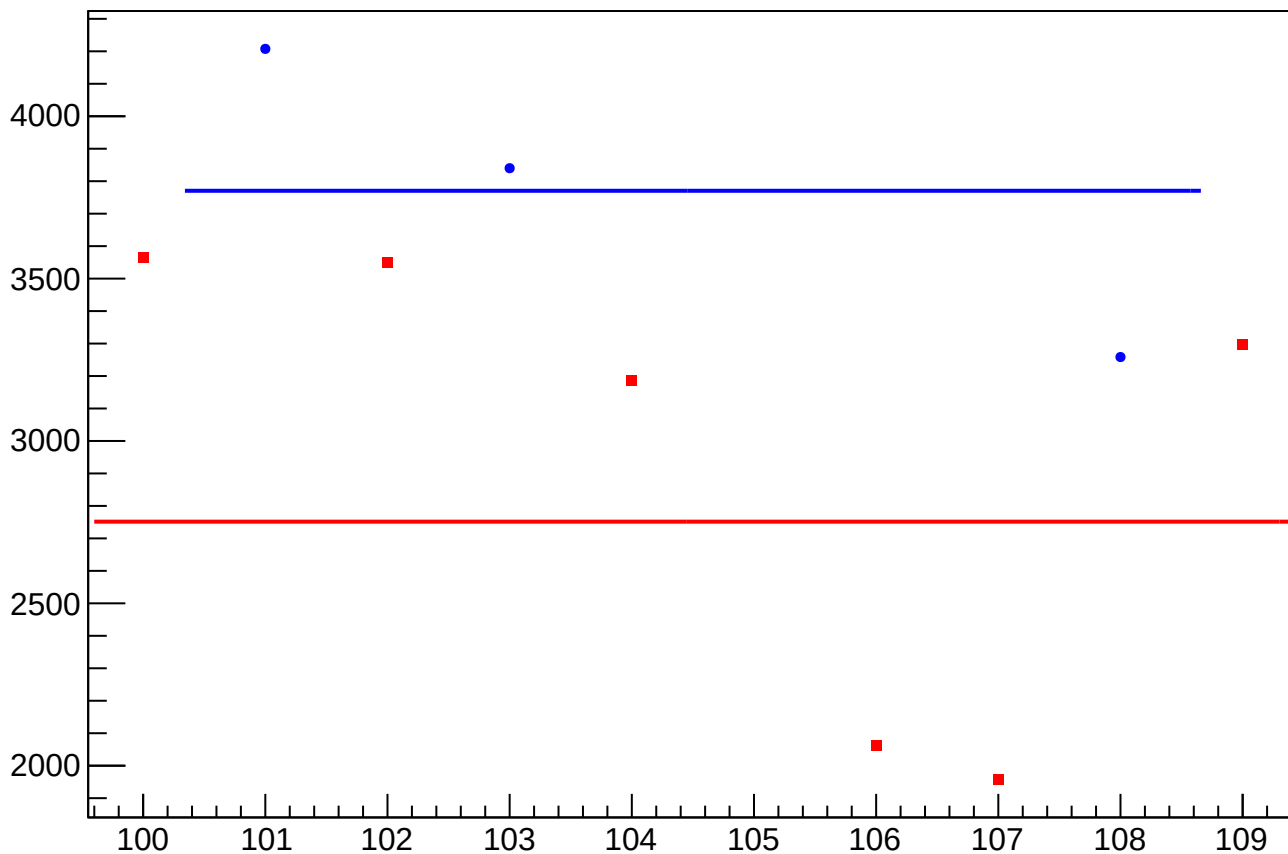
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2244.711 $\pm$ 1604.664 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug



Right In: 3770.488 $\pm$ 2.096 χ^2 /NDF: 33927.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2751.513 $\pm$ 1.349 χ^2 /NDF: 253868.9/5

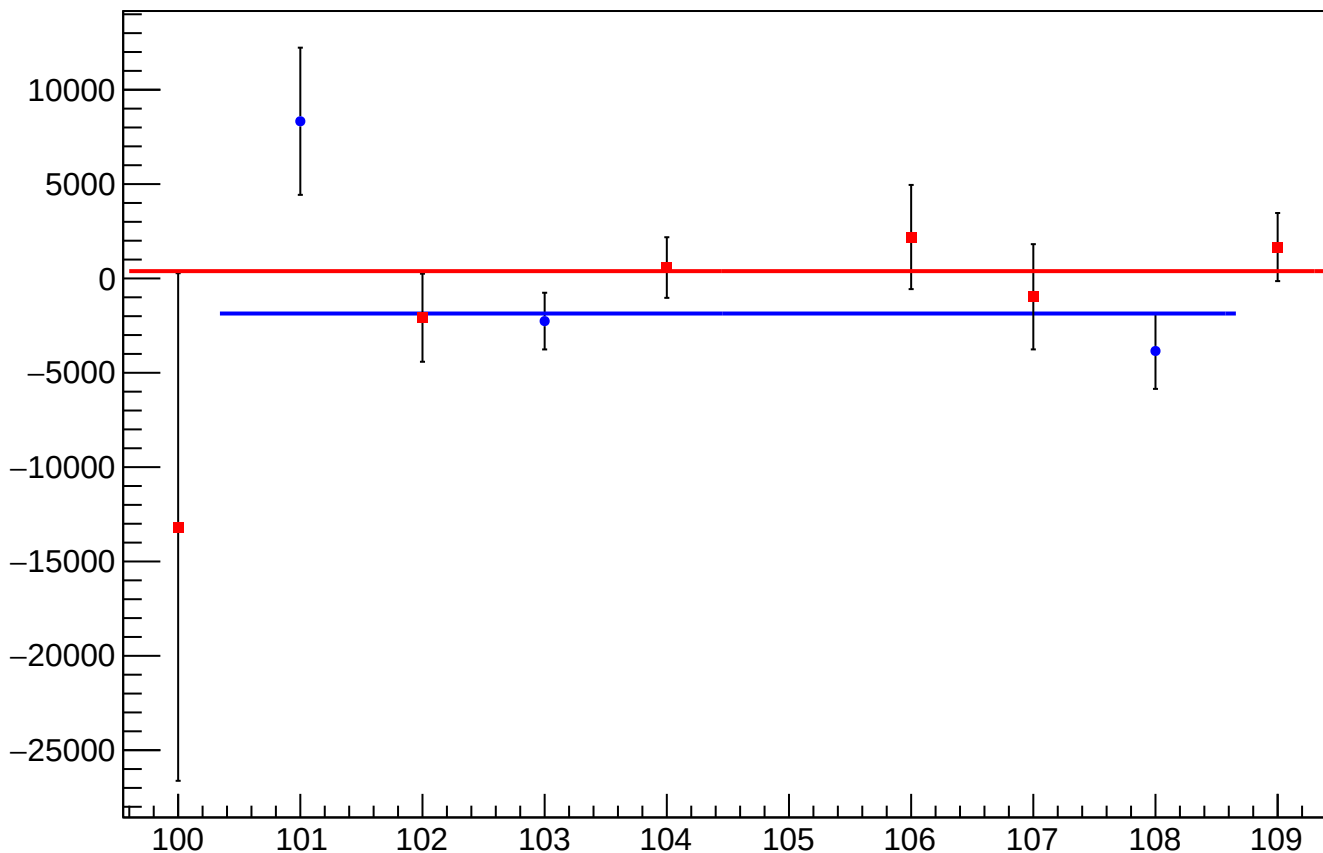
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3050.105 $\pm$ 1.135 χ^2 /NDF: 454868.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1858.998 $\pm$ 1149.499 χ^2 /NDF: 7.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 387.255 $\pm$ 935.226 χ^2 /NDF: 3.3/5

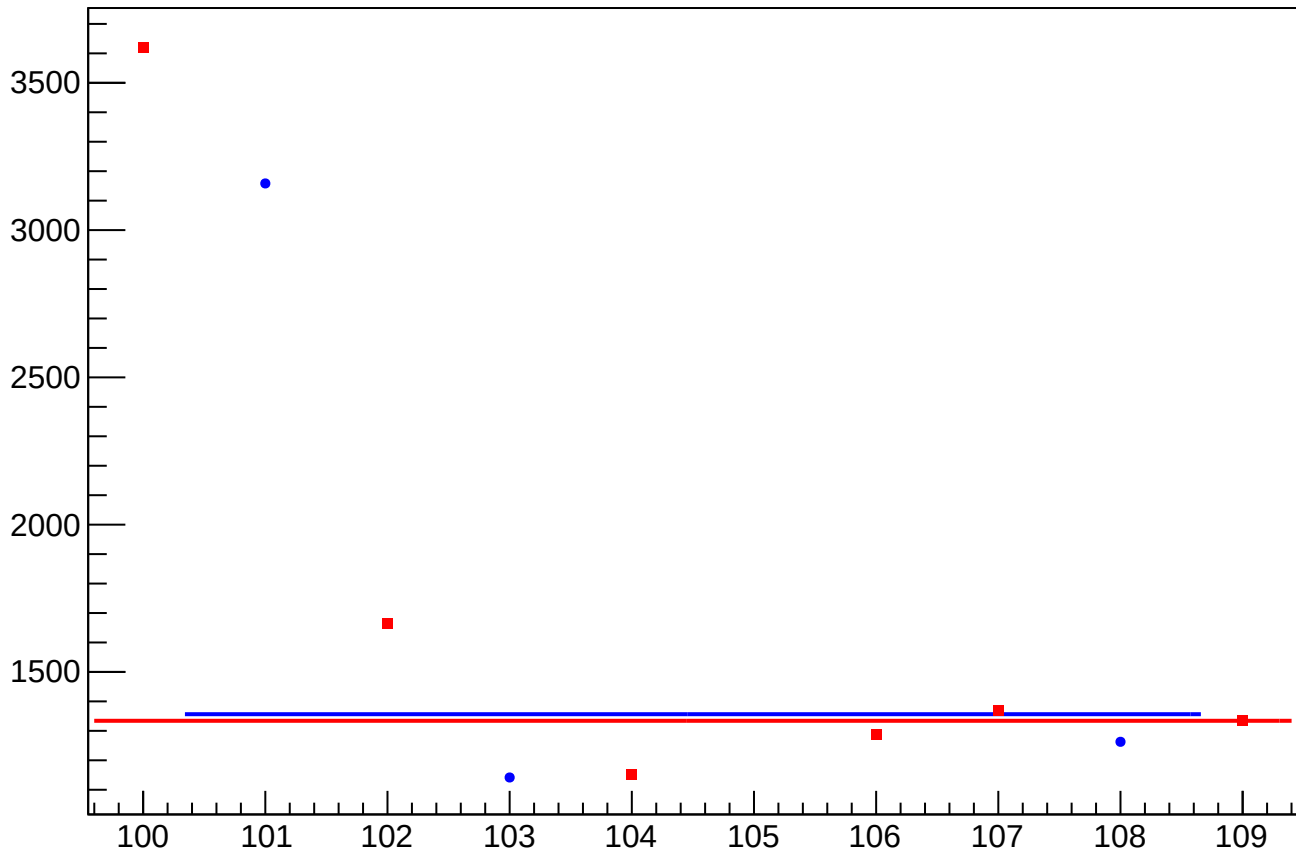
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -507.410 $\pm$ 725.453 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1356.506 $\pm$ 0.813 χ^2 /NDF: 472193.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1334.137 $\pm$ 0.657 χ^2 /NDF: 125276.8/5

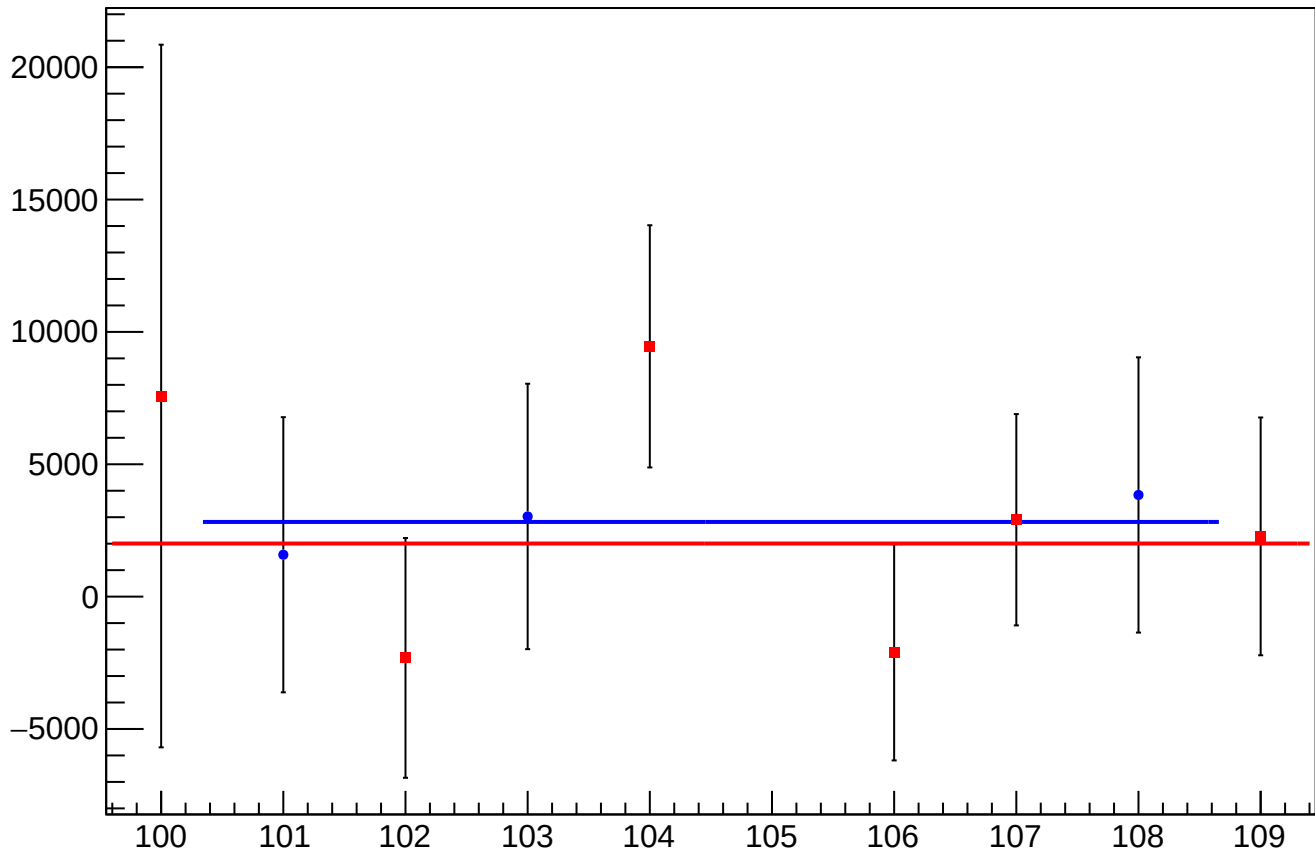
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1342.974 $\pm$ 0.511 χ^2 /NDF: 597928.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 2821.754 $\pm$ 2964.328 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2005.532 $\pm$ 1908.465 χ^2 /NDF: 4.8/5

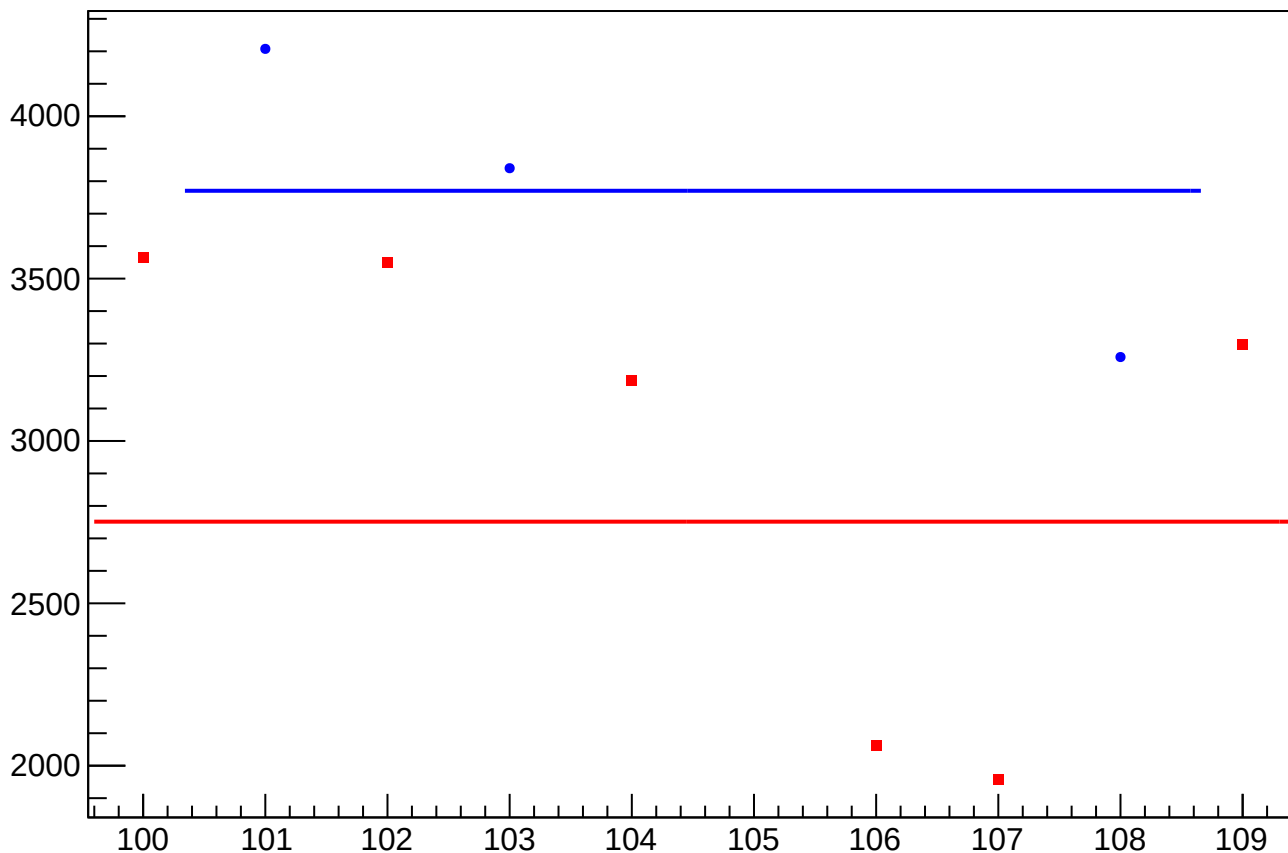
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2244.711 $\pm$ 1604.664 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 3770.488 $\pm$ 2.096 χ^2 /NDF: 33927.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2751.513 $\pm$ 1.349 χ^2 /NDF: 253868.9/5

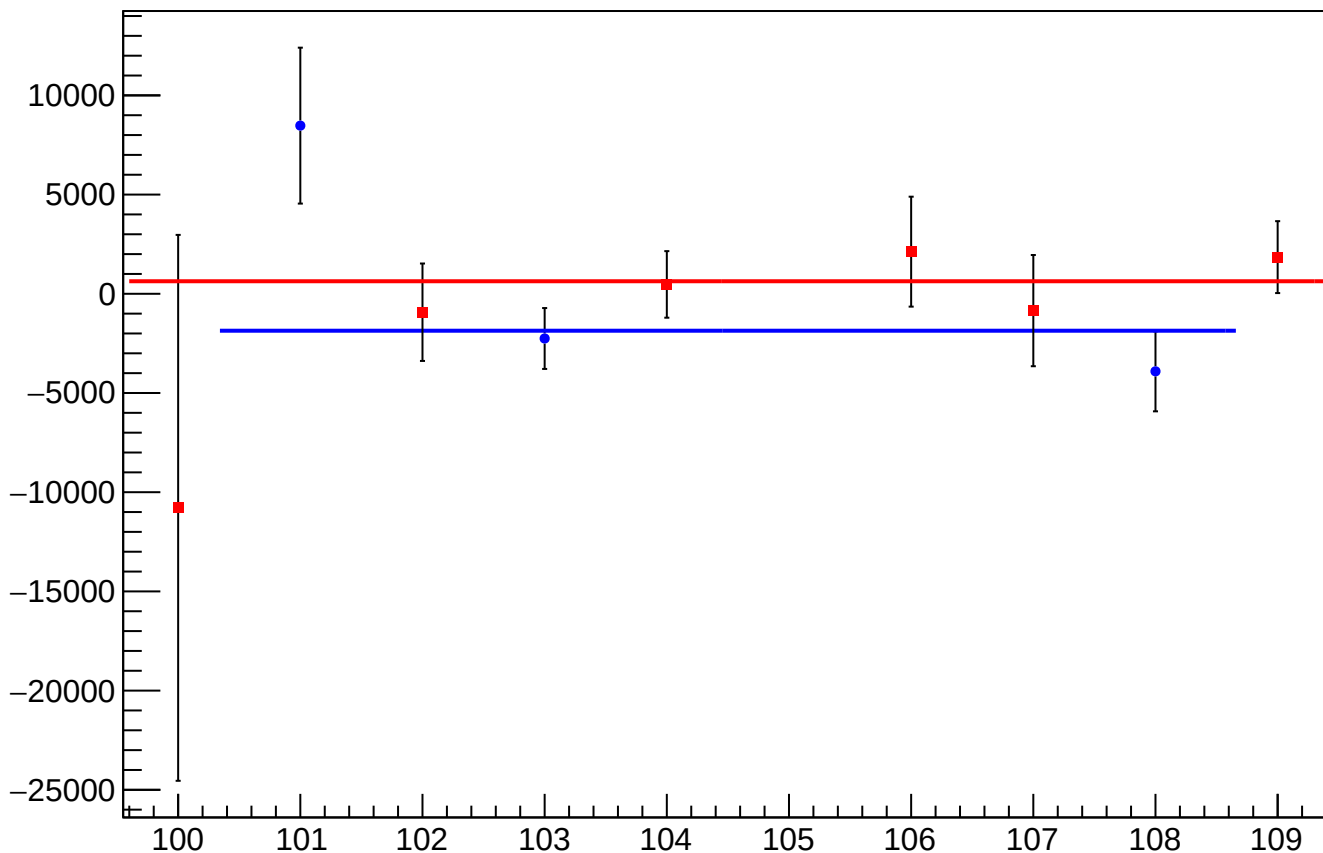
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3050.105 $\pm$ 1.135 χ^2 /NDF: 454868.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1861.202 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 631.990 $\pm$ 958.419 χ^2 /NDF: 2.1/5

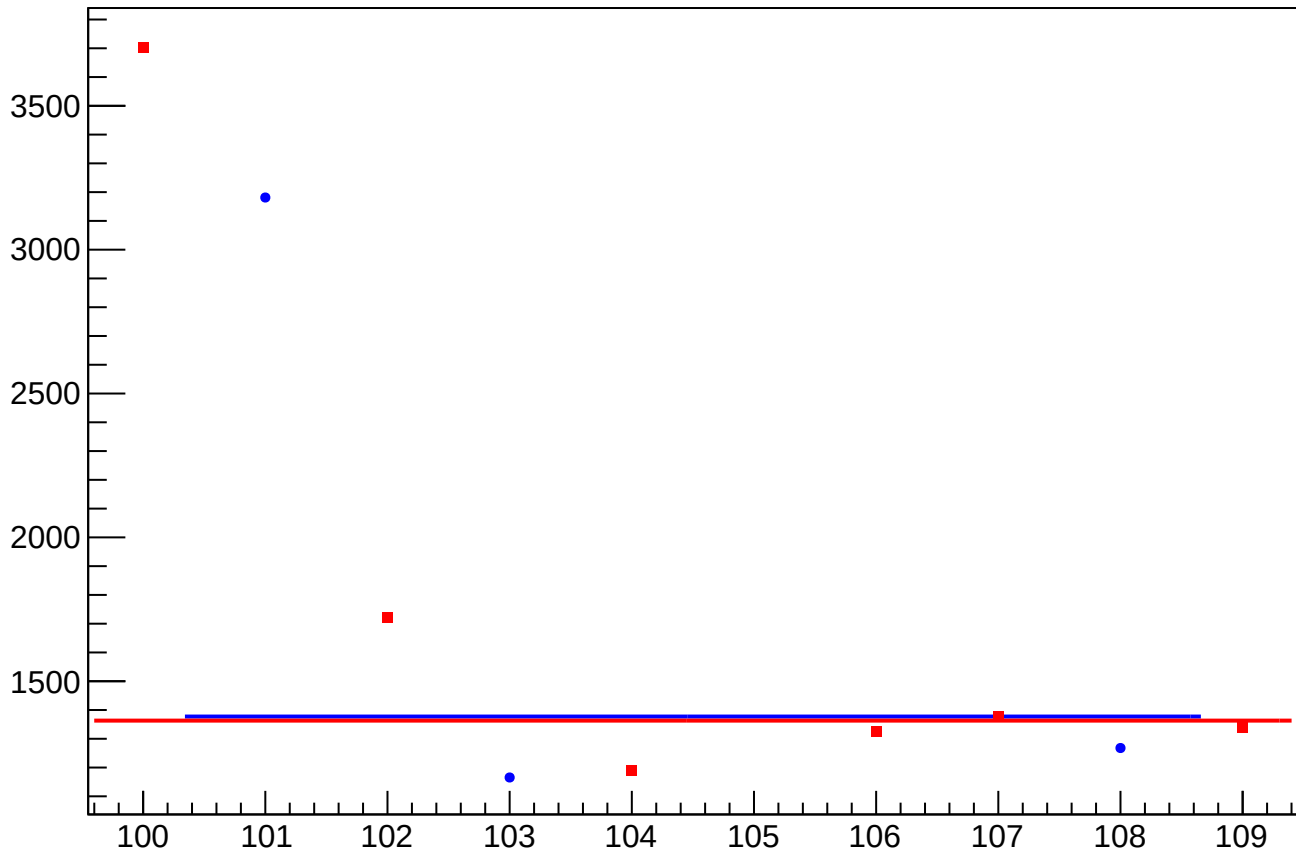
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -373.156 $\pm$ 740.433 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1377.236 $\pm$ 0.825 χ^2 /NDF: 465616.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1363.109 $\pm$ 0.676 χ^2 /NDF: 122428.9/5

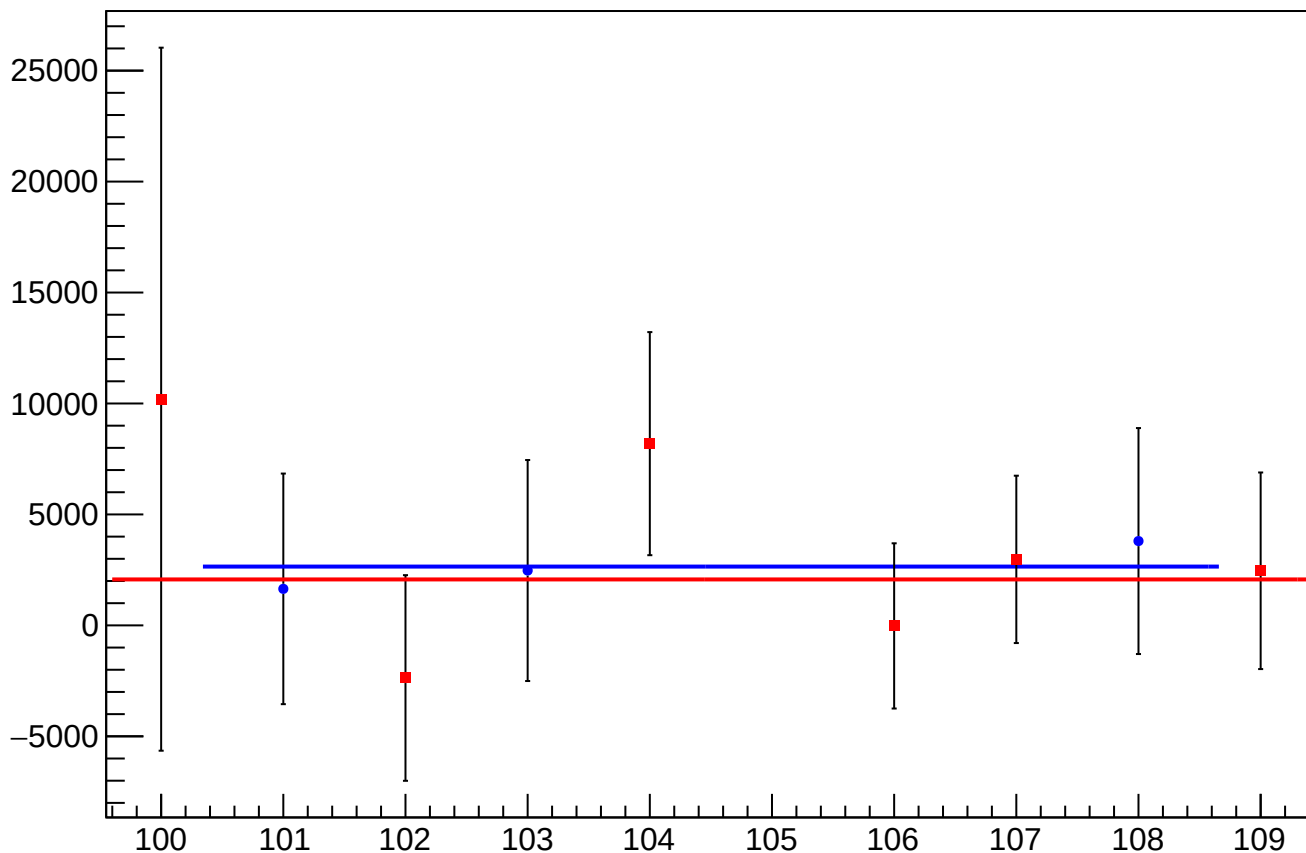
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1368.785 $\pm$ 0.523 χ^2 /NDF: 588220.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug



Right In: 2649.880 $\pm$ 2937.017 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2070.568 $\pm$ 1877.935 χ^2 /NDF: 3.0/5

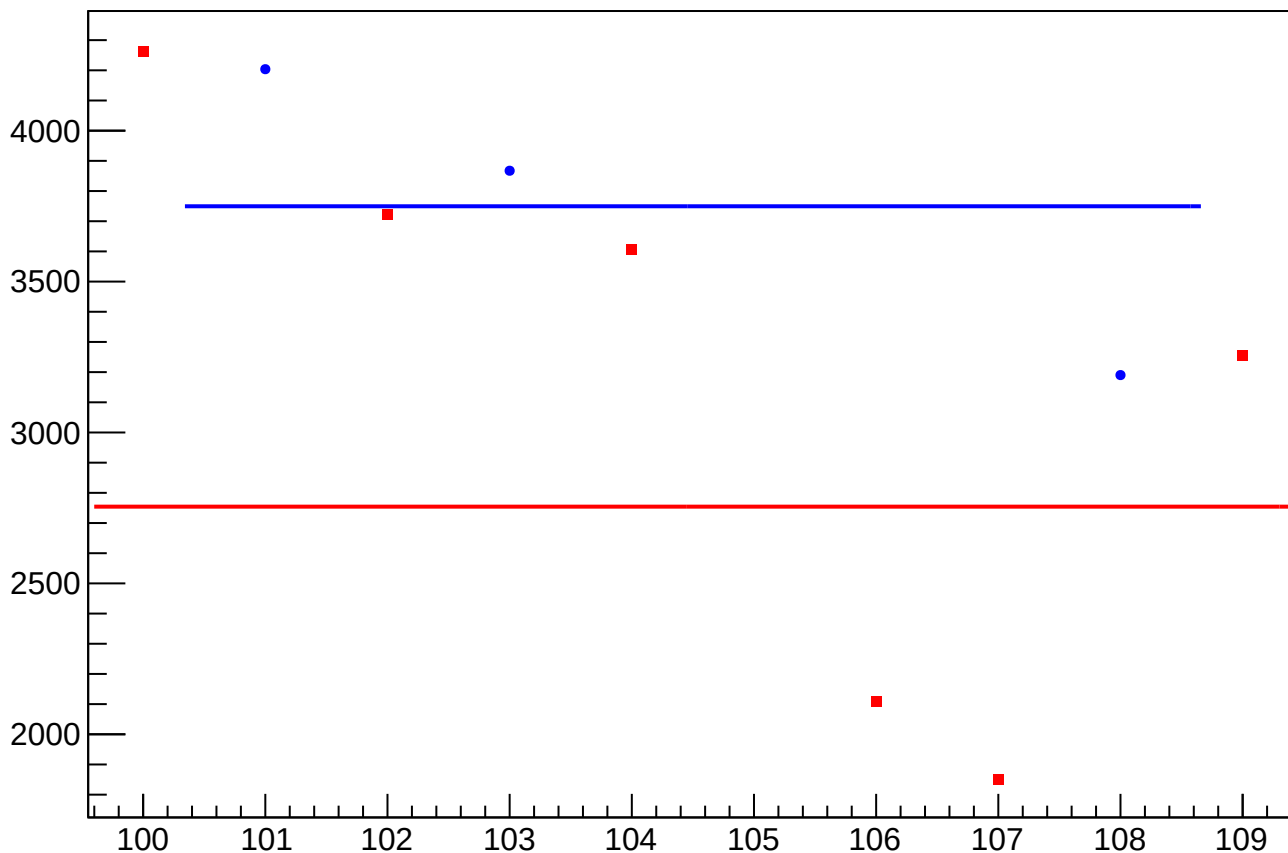
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2238.681 $\pm$ 1582.160 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



Right In: 3749.540+/-2.077 χ^2/NDF : 40530.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2754.284+/-1.328 χ^2/NDF : 364191.3/5

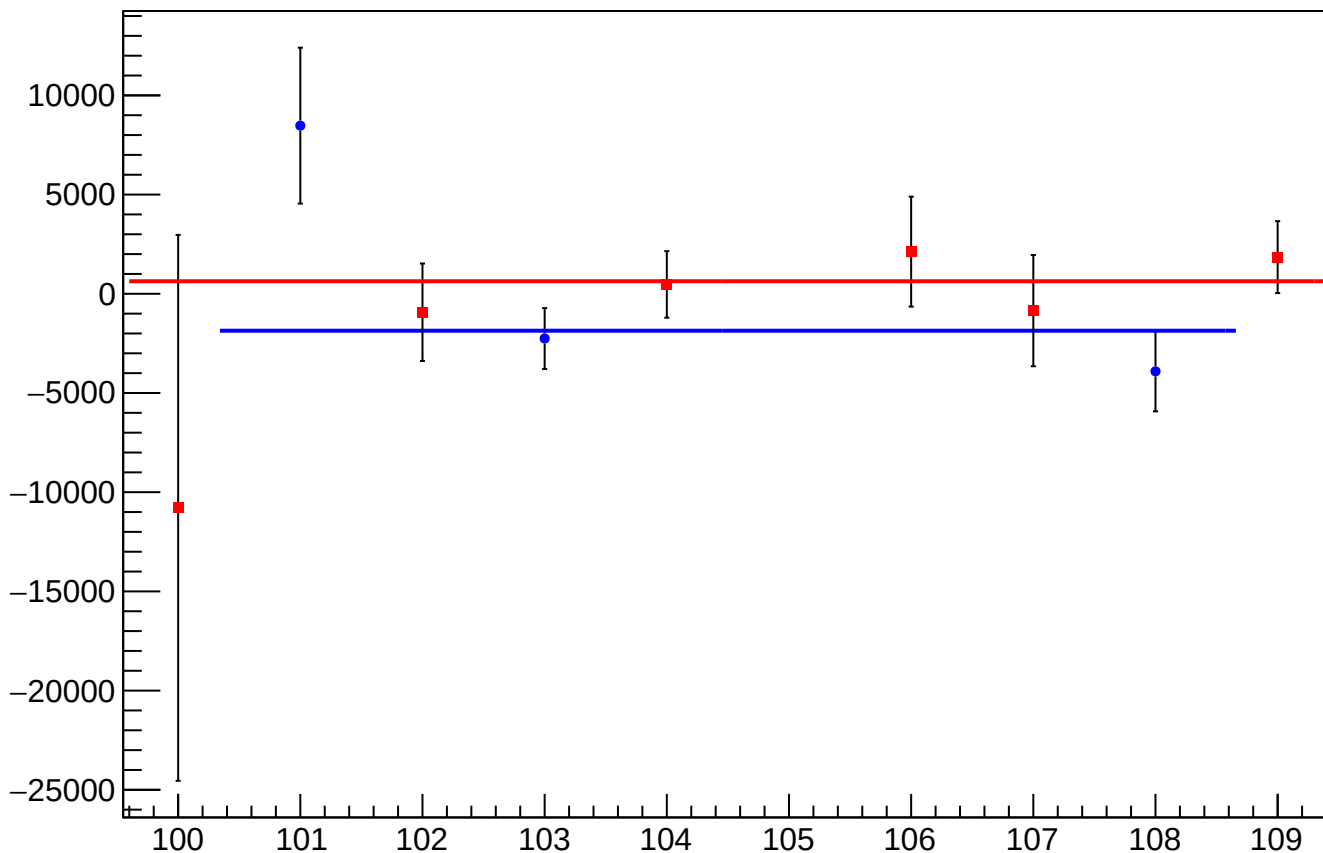
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3043.101+/-1.119 χ^2/NDF : 567736.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -1861.205 $\pm$ 1166.136 χ^2 /NDF: 8.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 631.997 $\pm$ 958.419 χ^2 /NDF: 2.1/5

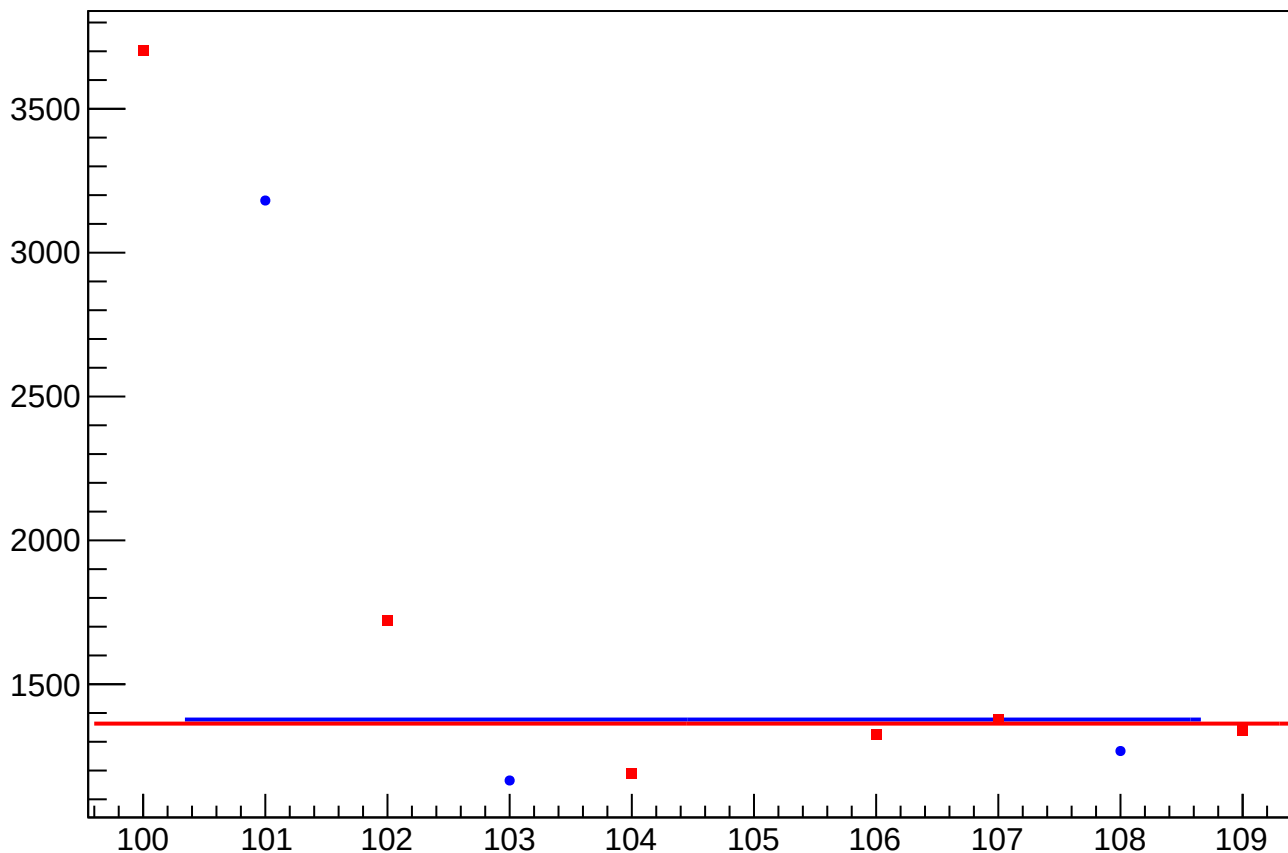
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -373.153 $\pm$ 740.433 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1377.236+/-0.825 χ^2/NDF : 465616.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.109+/-0.676 χ^2/NDF : 122429.0/5

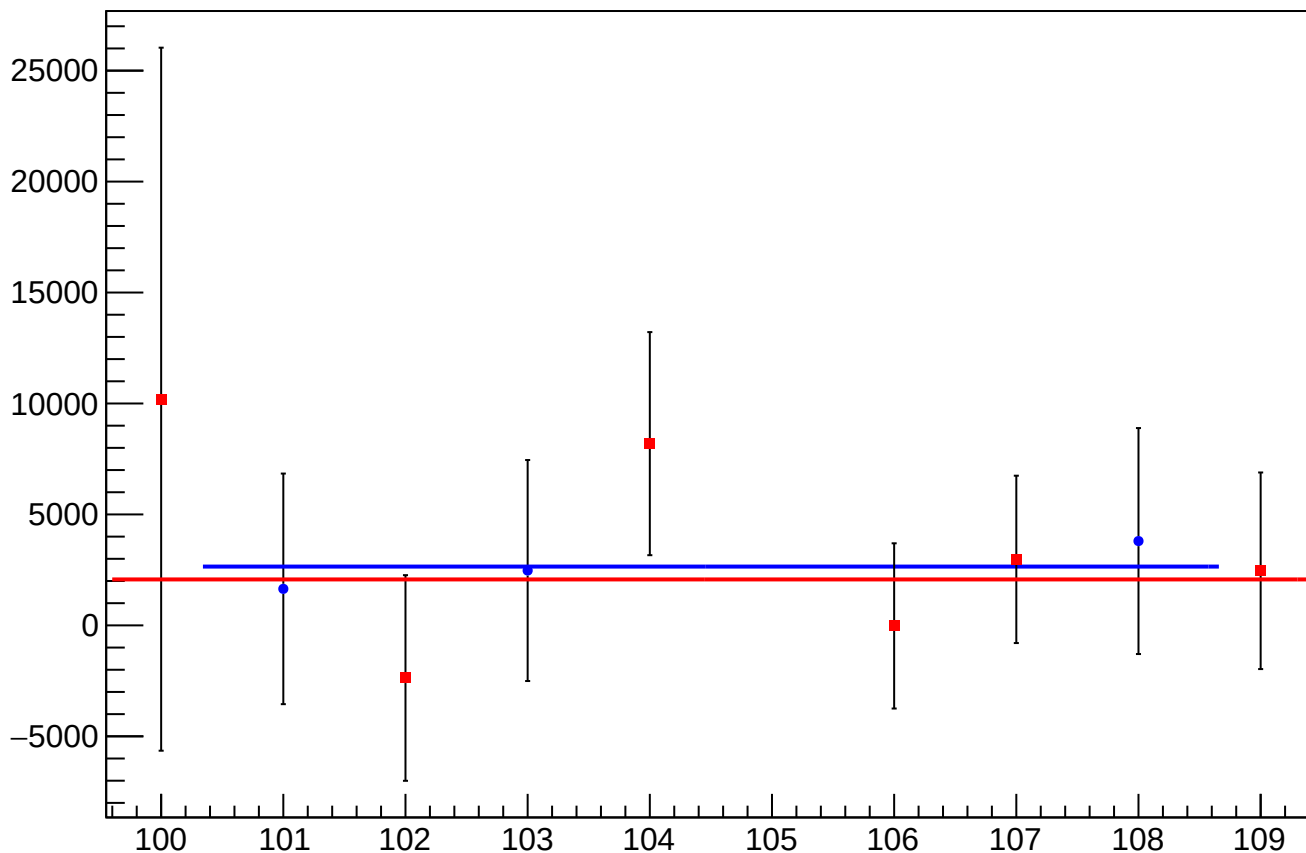
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1368.785+/-0.523 χ^2/NDF : 588220.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 2649.883 $\pm$ 2937.015 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2070.573 $\pm$ 1877.932 χ^2 /NDF: 3.0/5

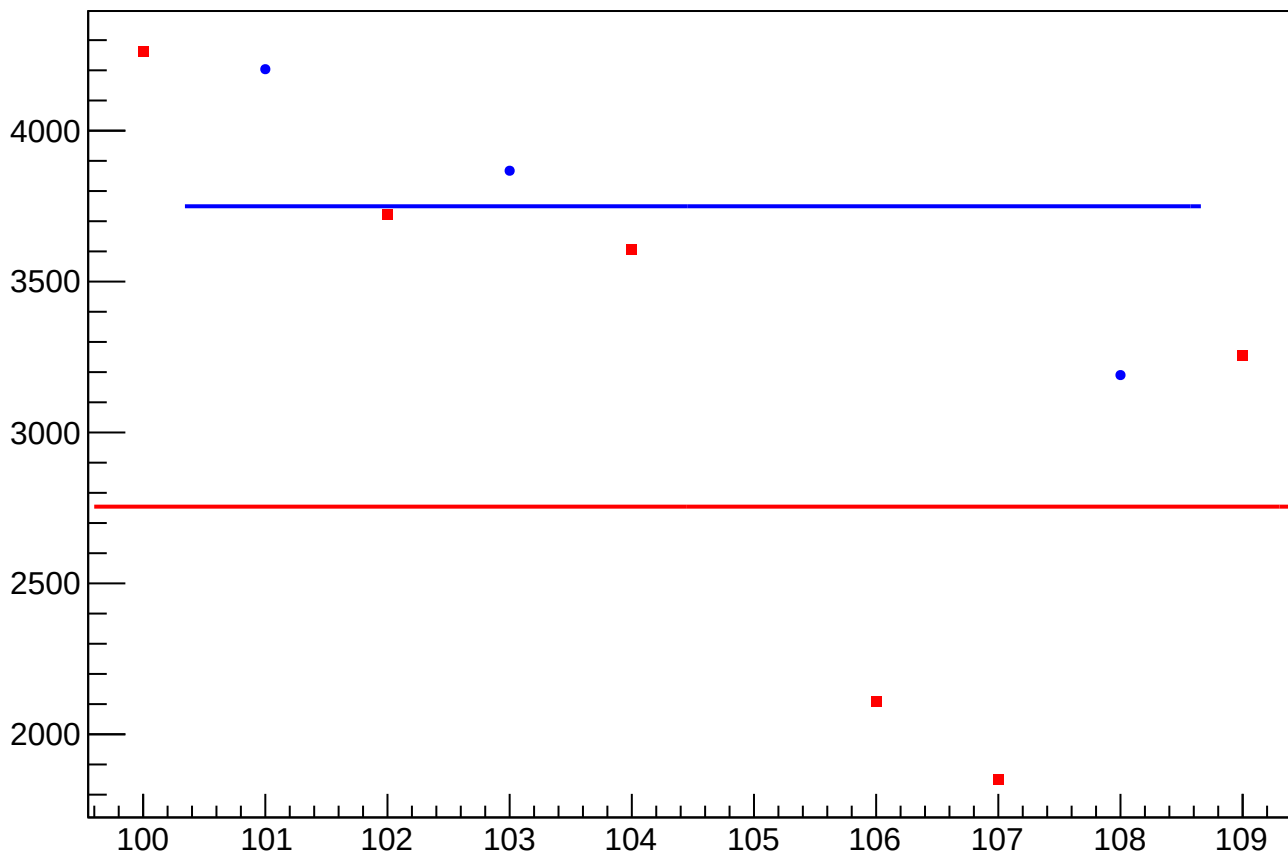
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2238.685 $\pm$ 1582.158 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 3749.538 $\pm$ 2.077 χ^2 /NDF: 40531.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2754.279 $\pm$ 1.328 χ^2 /NDF: 364194.3/5

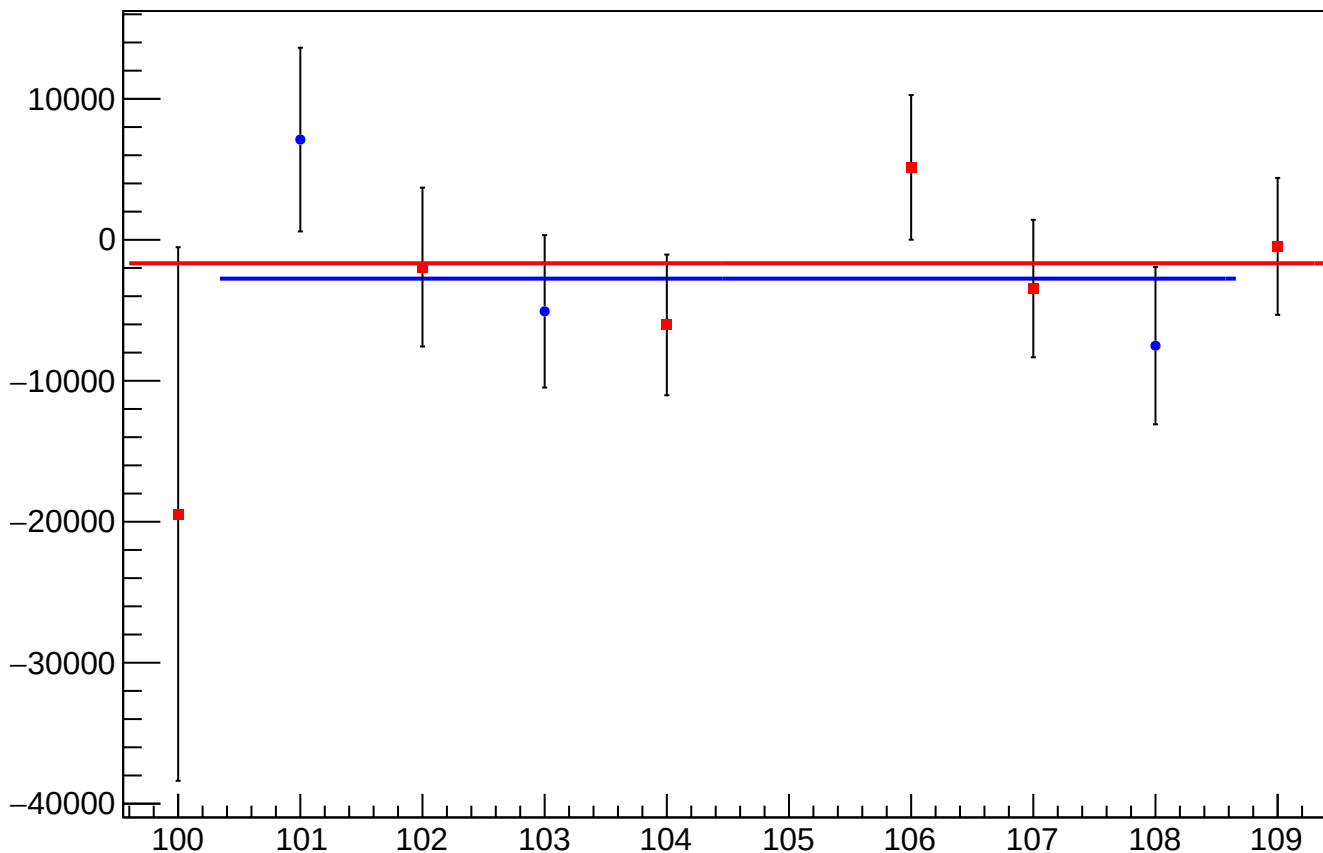
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3043.097 $\pm$ 1.119 χ^2 /NDF: 567741.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -2752.341+/-3335.640 χ^2 /NDF: 3.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1661.540+/-2253.686 χ^2 /NDF: 3.6/5

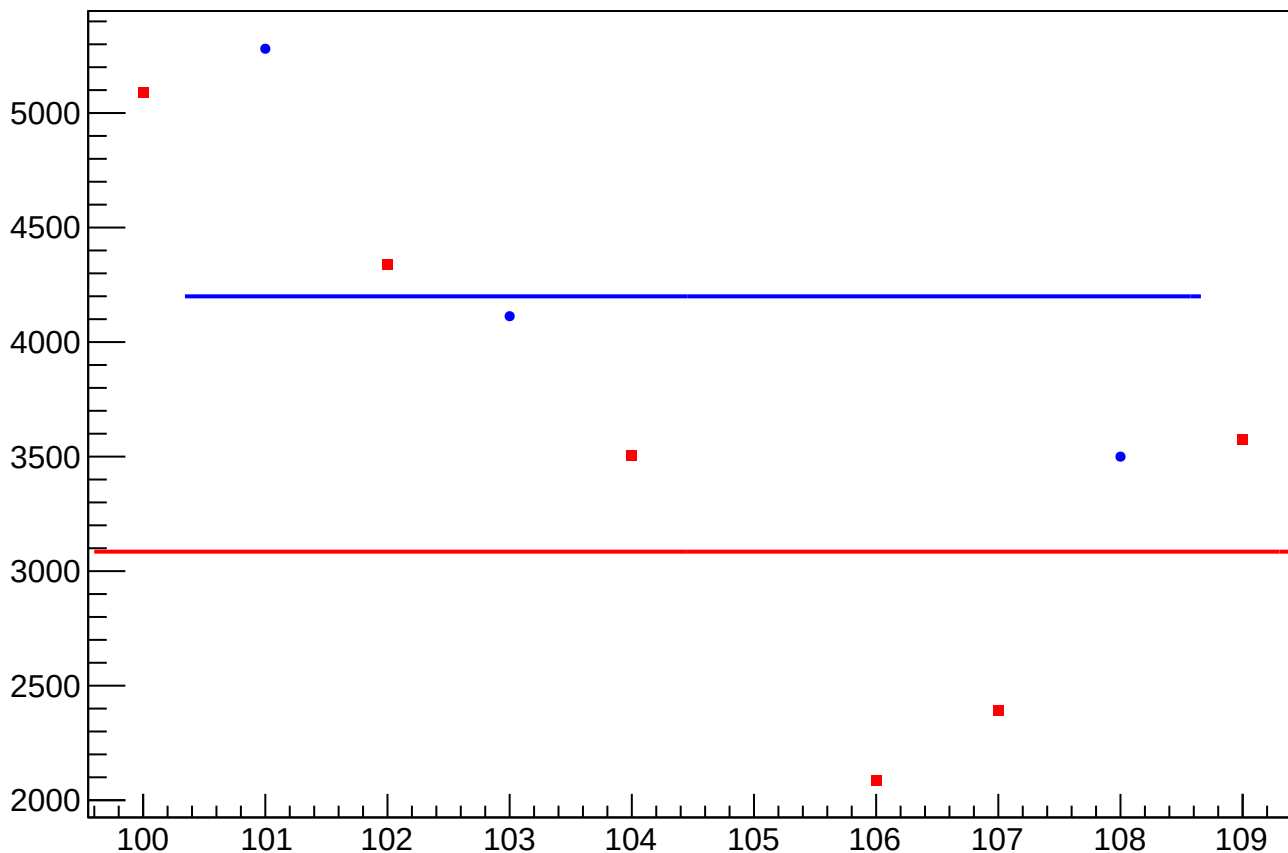
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2003.415+/-1867.412 χ^2 /NDF: 6.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 4199.698 $\pm$ 2.359 χ^2 /NDF: 86987.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3085.054 $\pm$ 1.534 χ^2 /NDF: 302461.0/5

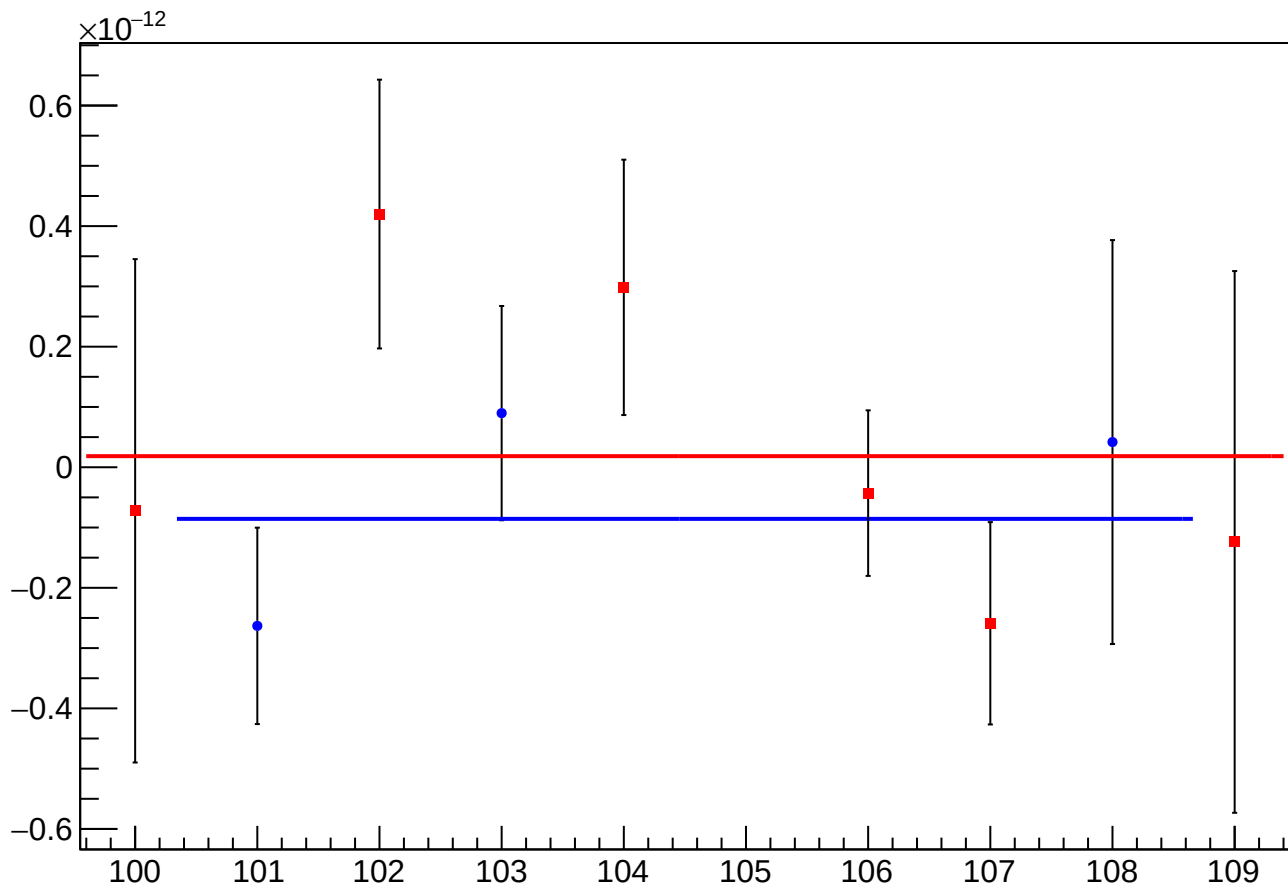
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3416.408 $\pm$ 1.286 χ^2 /NDF: 546401.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.1/5

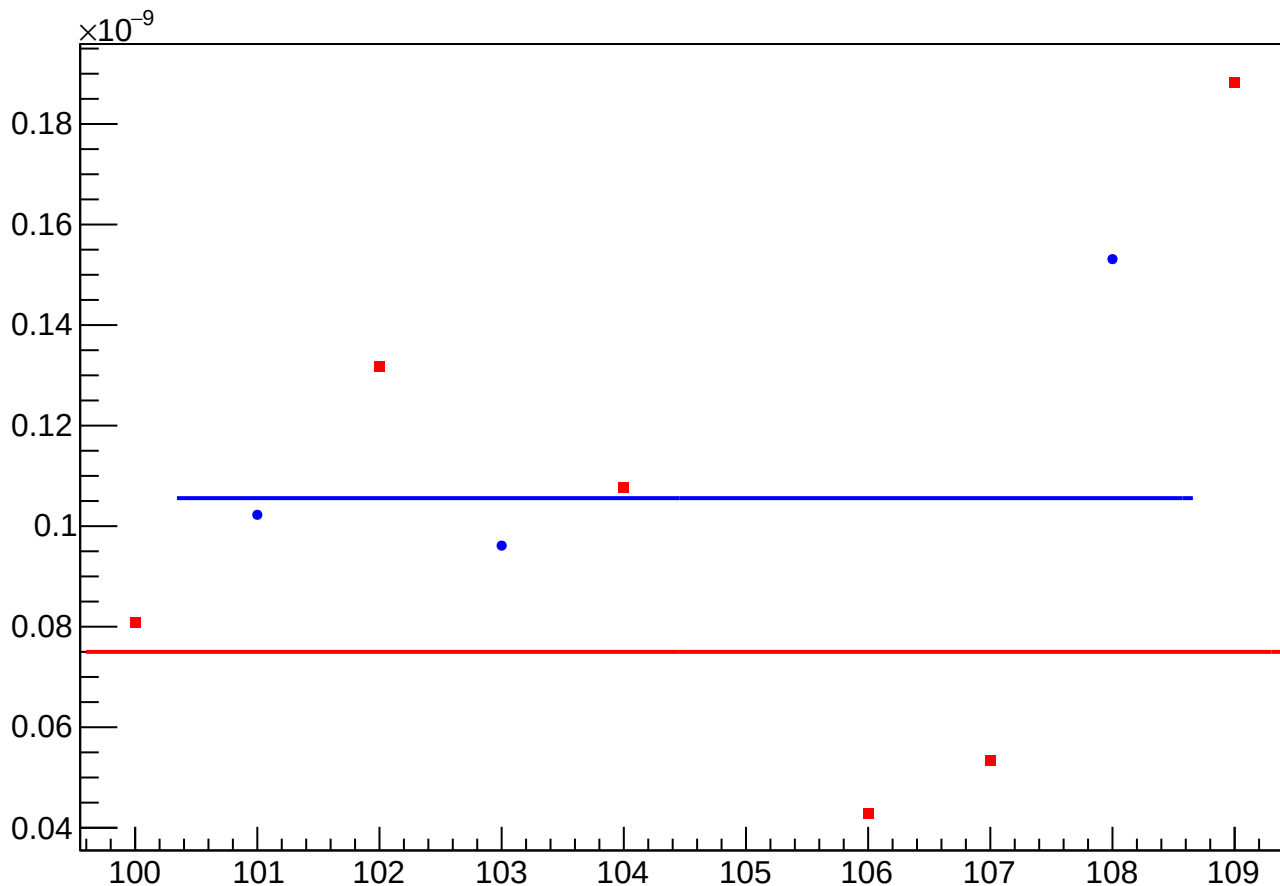
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 46744.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 447358.1/5

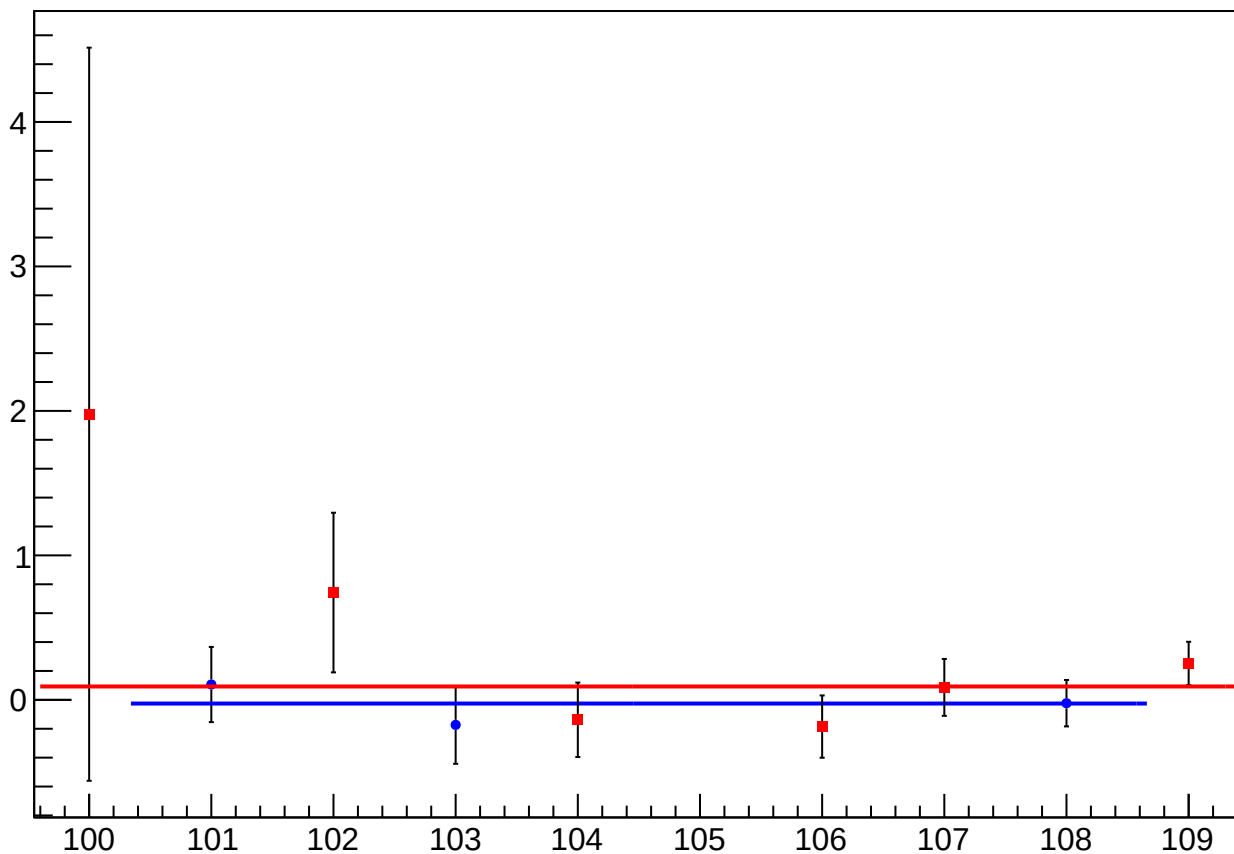
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 588359.8/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.093 ± 0.095 χ^2/NDF : 5.5/5

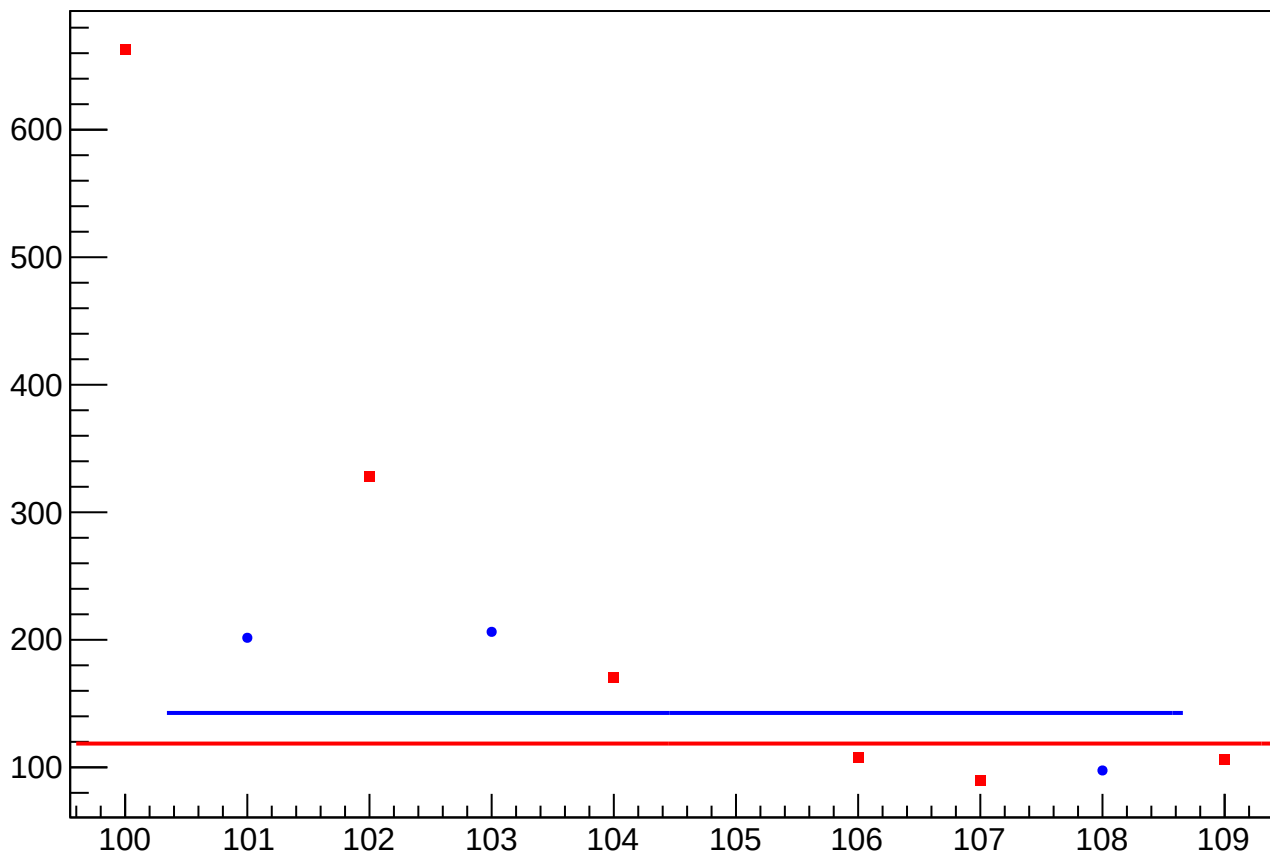
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.075 χ^2/NDF : 6.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

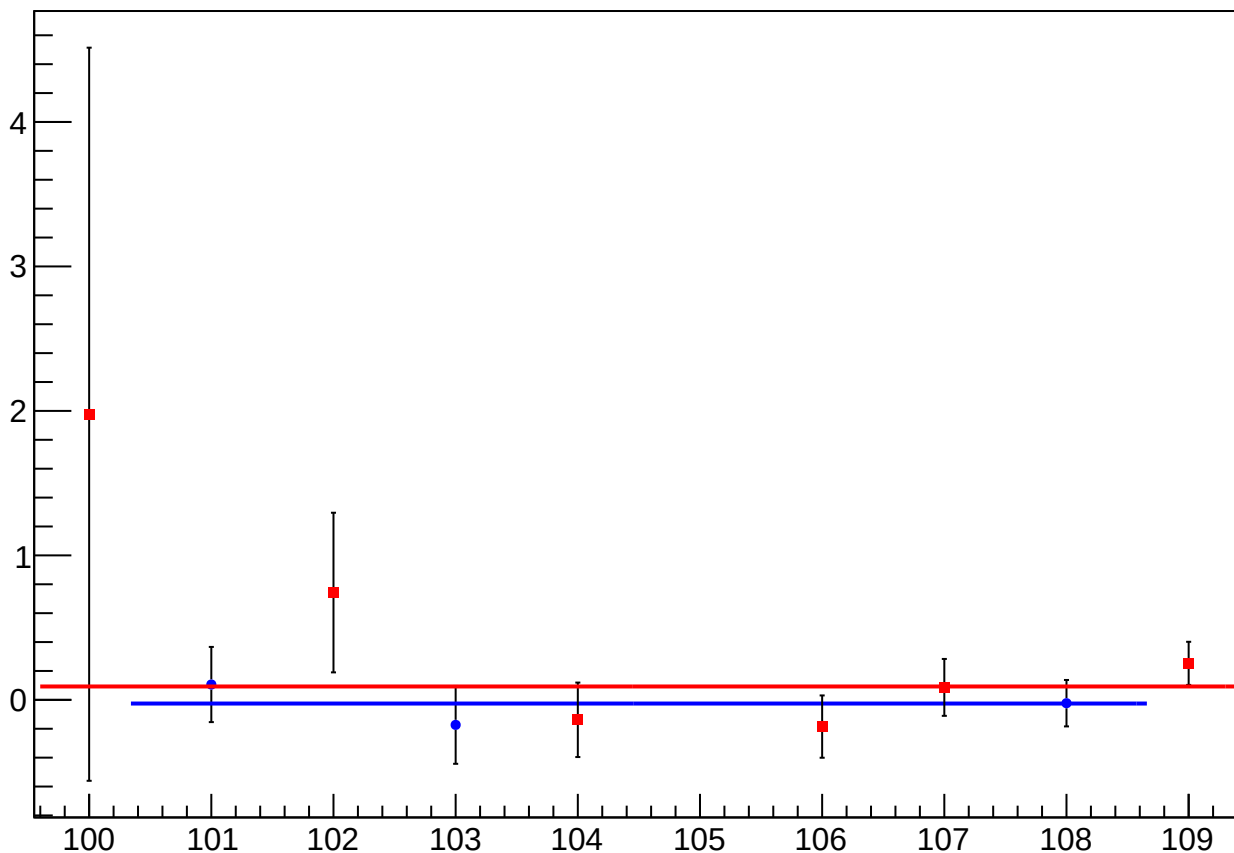
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.721+/-0.053 χ^2/NDF : 942242.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.093 ± 0.095 χ^2/NDF : 5.5/5

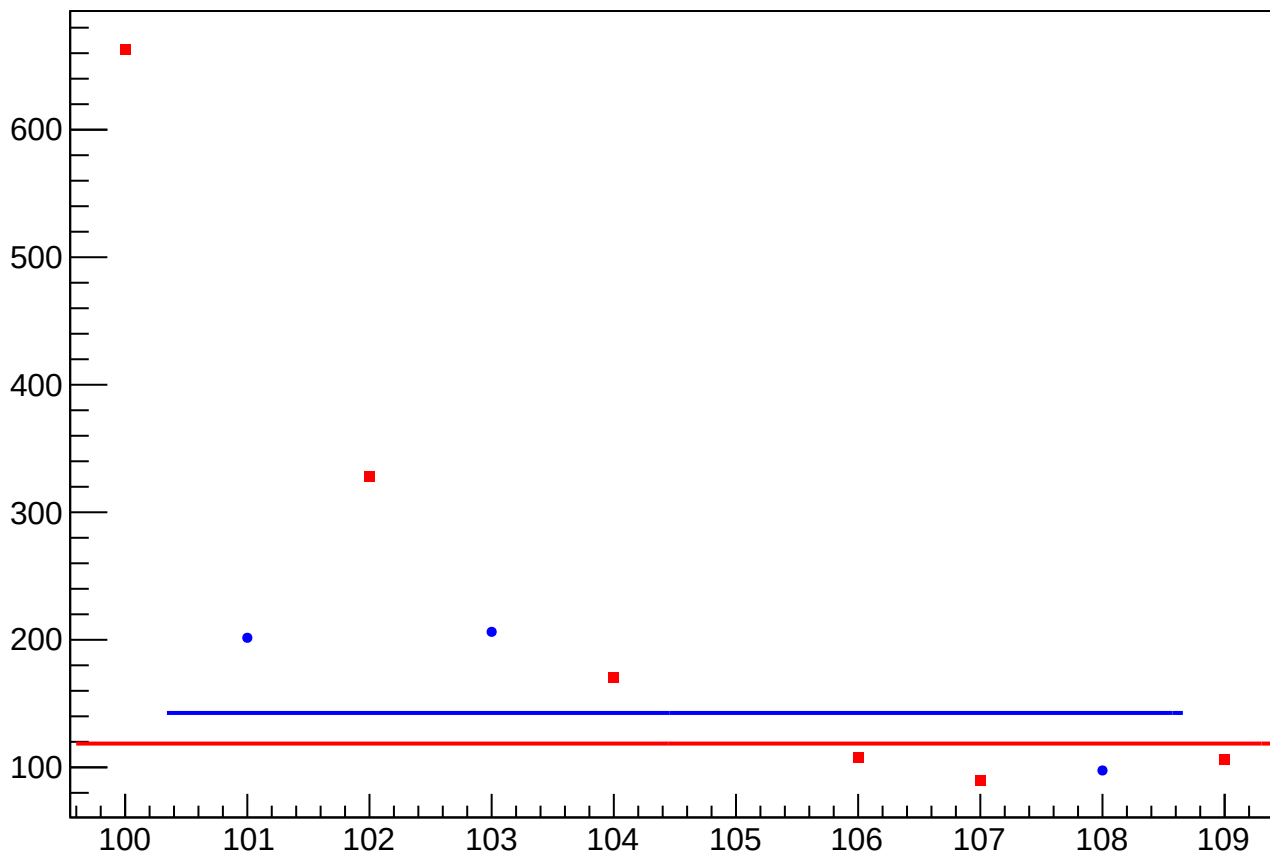
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.075 χ^2/NDF : 6.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.654+/-0.086 χ^2/NDF : 371642.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.645+/-0.067 χ^2/NDF : 522364.5/5

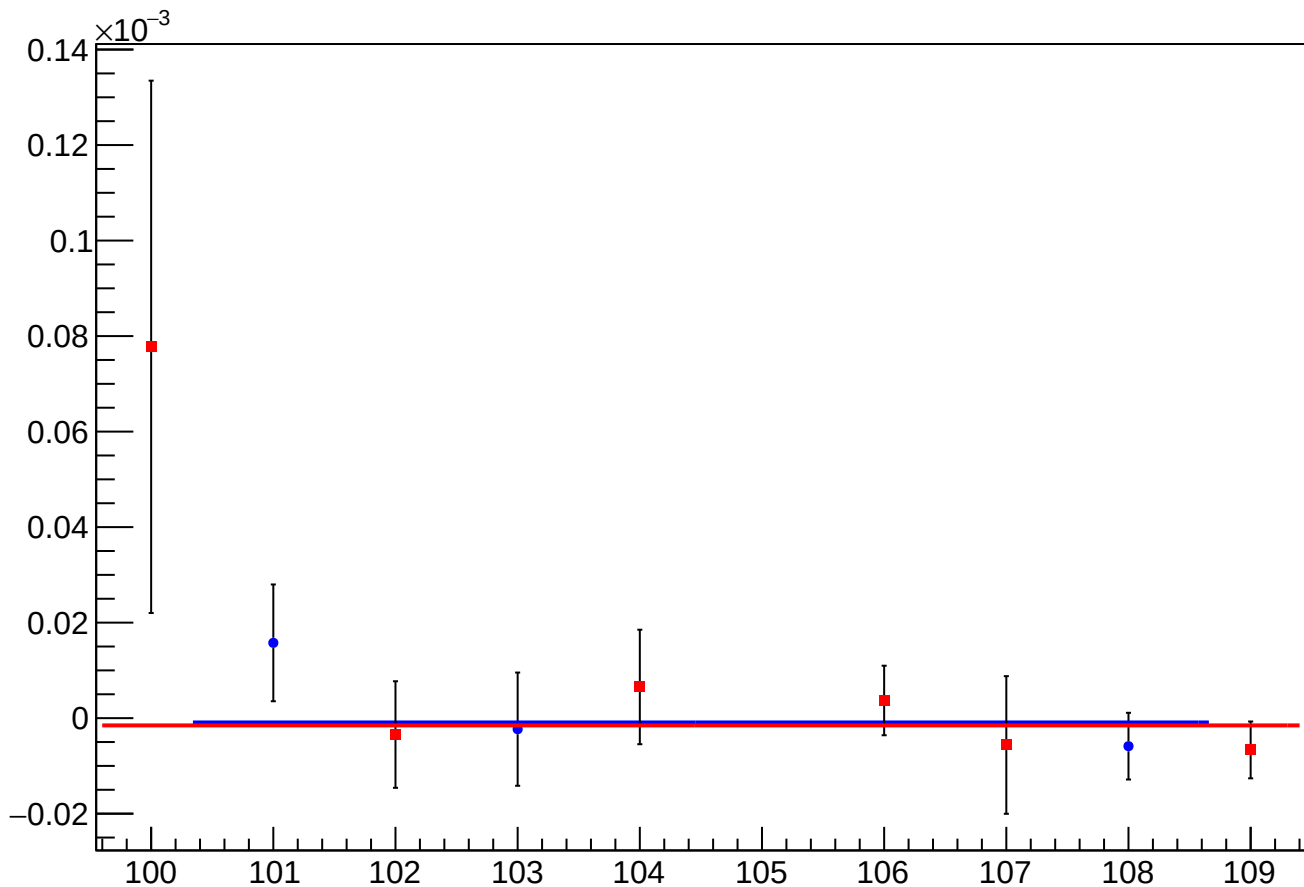
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.721+/-0.053 χ^2/NDF : 942242.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/5

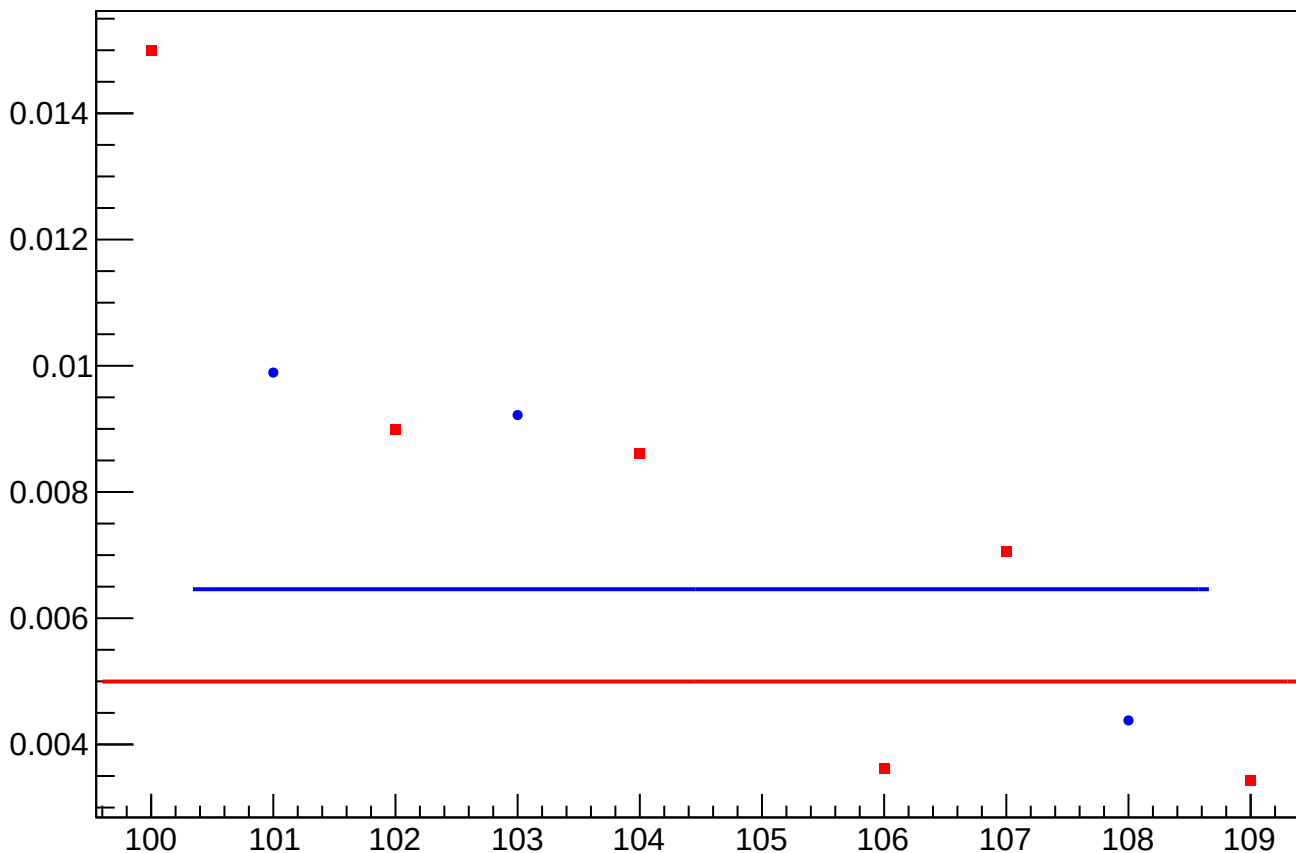
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 443261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 754897.7/5

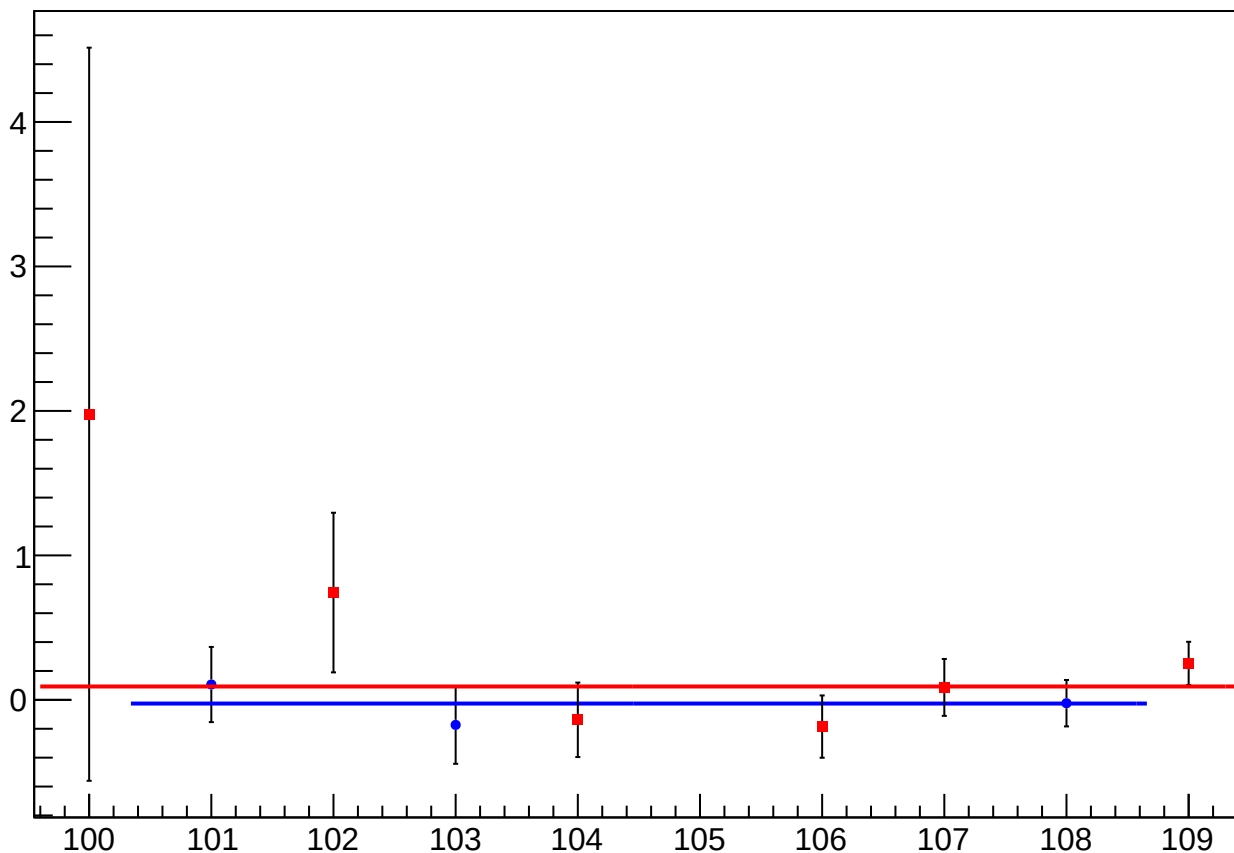
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1295390.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 ± 0.122 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.093 ± 0.095 χ^2/NDF : 5.5/5

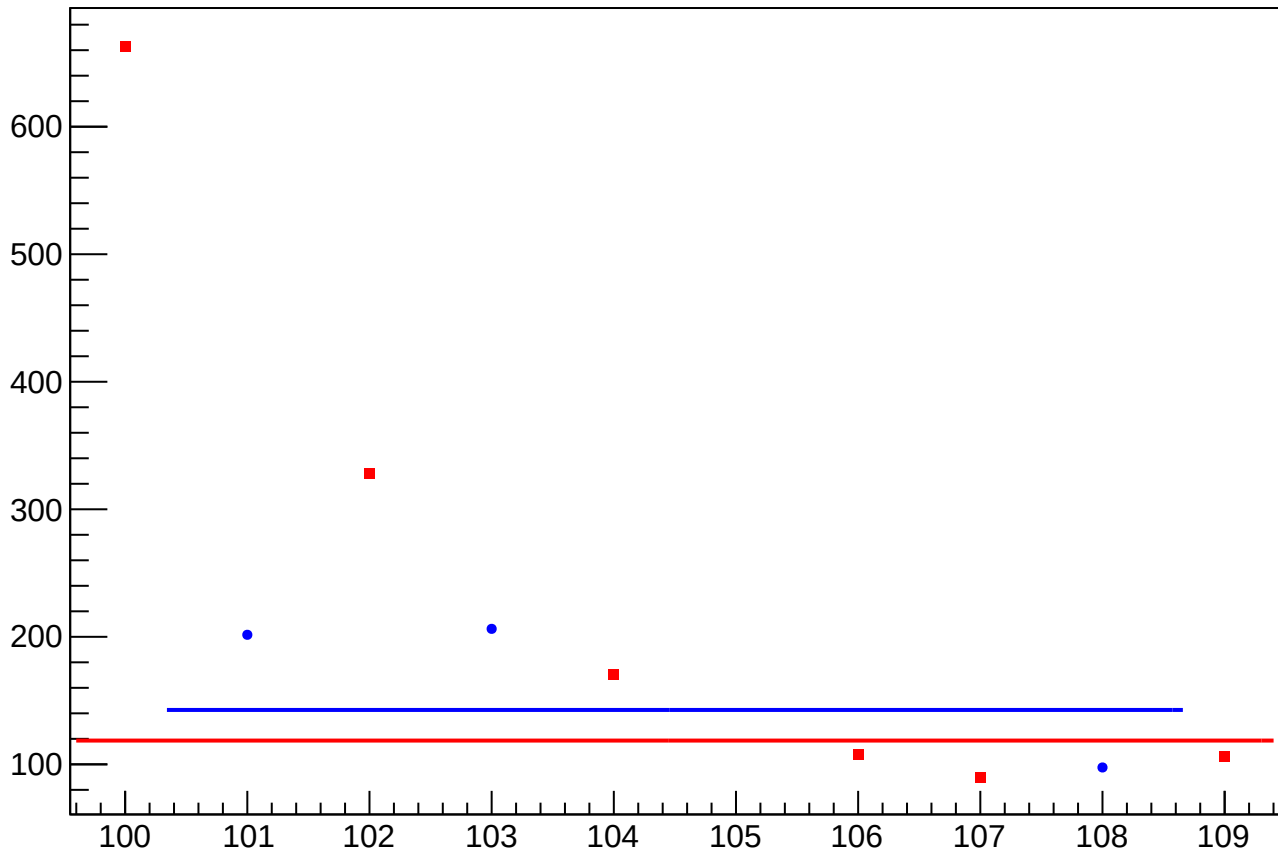
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.075 χ^2/NDF : 6.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

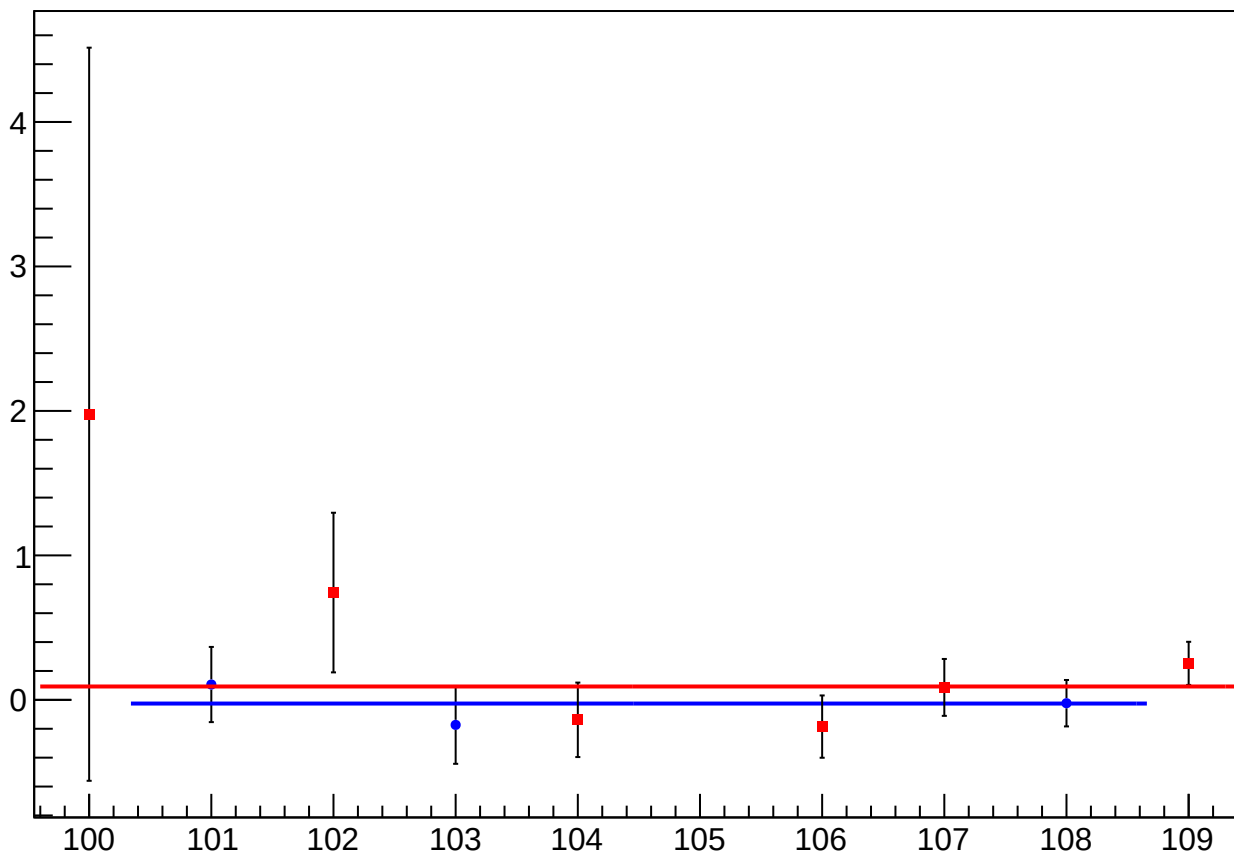
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.724+/-0.053 χ^2/NDF : 942171.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.122 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.093 $\pm$ 0.095 χ^2 /NDF: 5.5/5

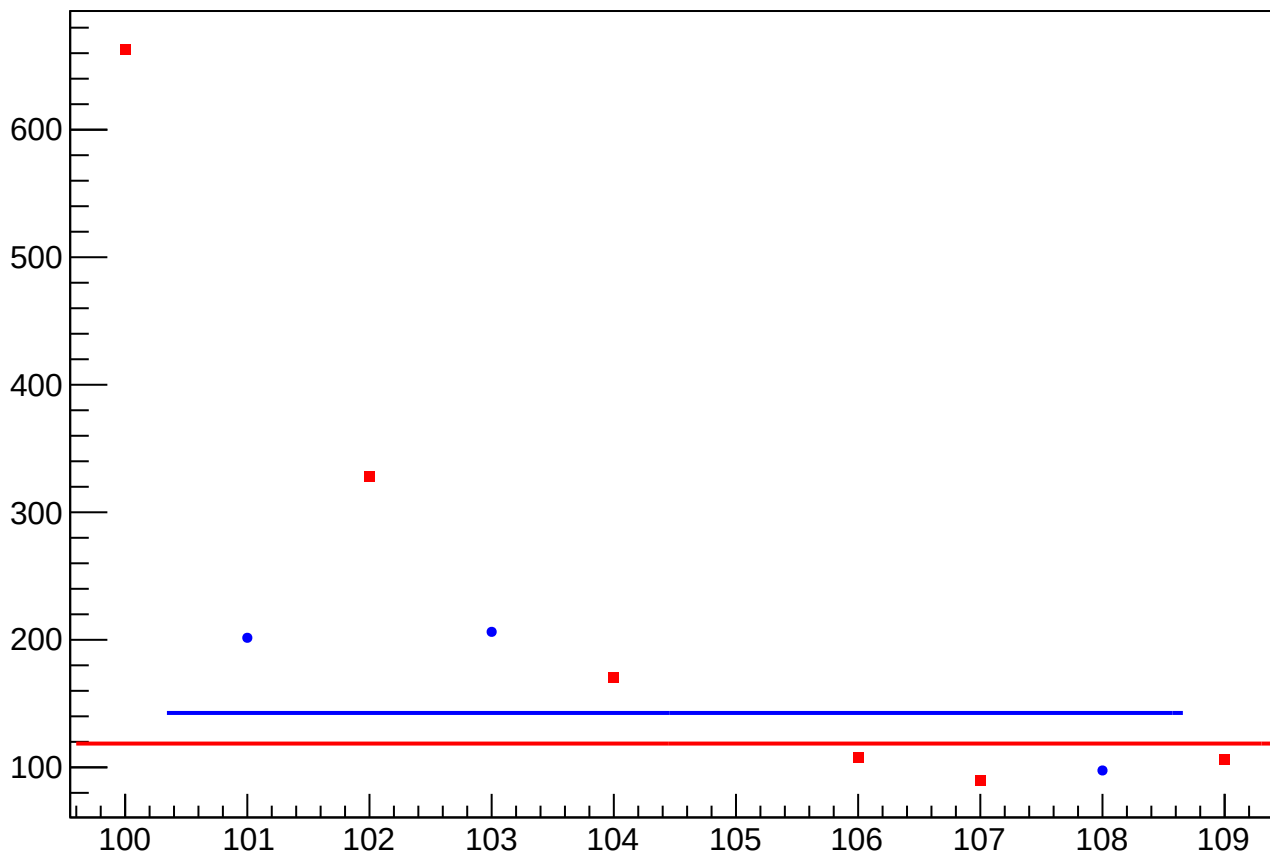
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.075 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.655+/-0.086 χ^2/NDF : 371607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.648+/-0.067 χ^2/NDF : 522333.6/5

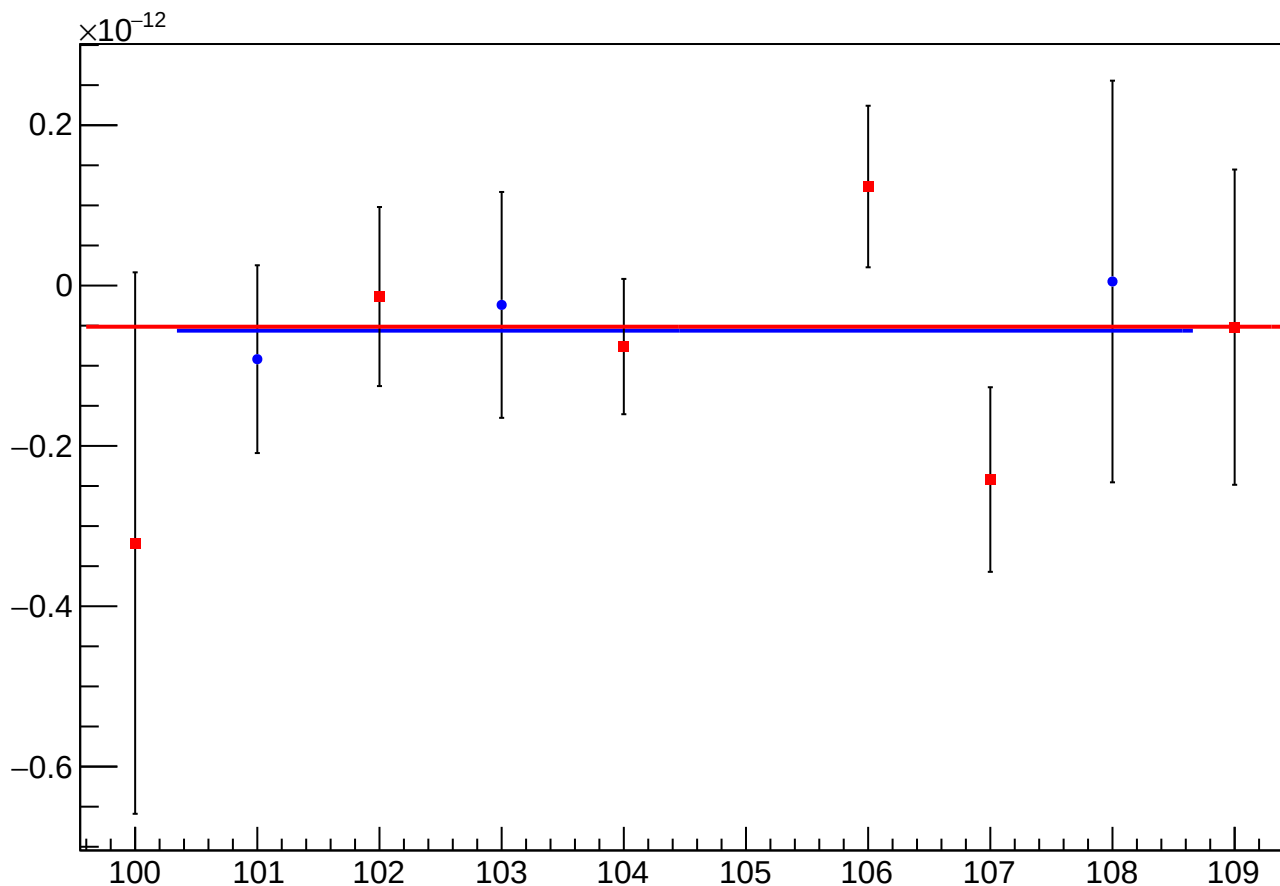
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.724+/-0.053 χ^2/NDF : 942171.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.6/5

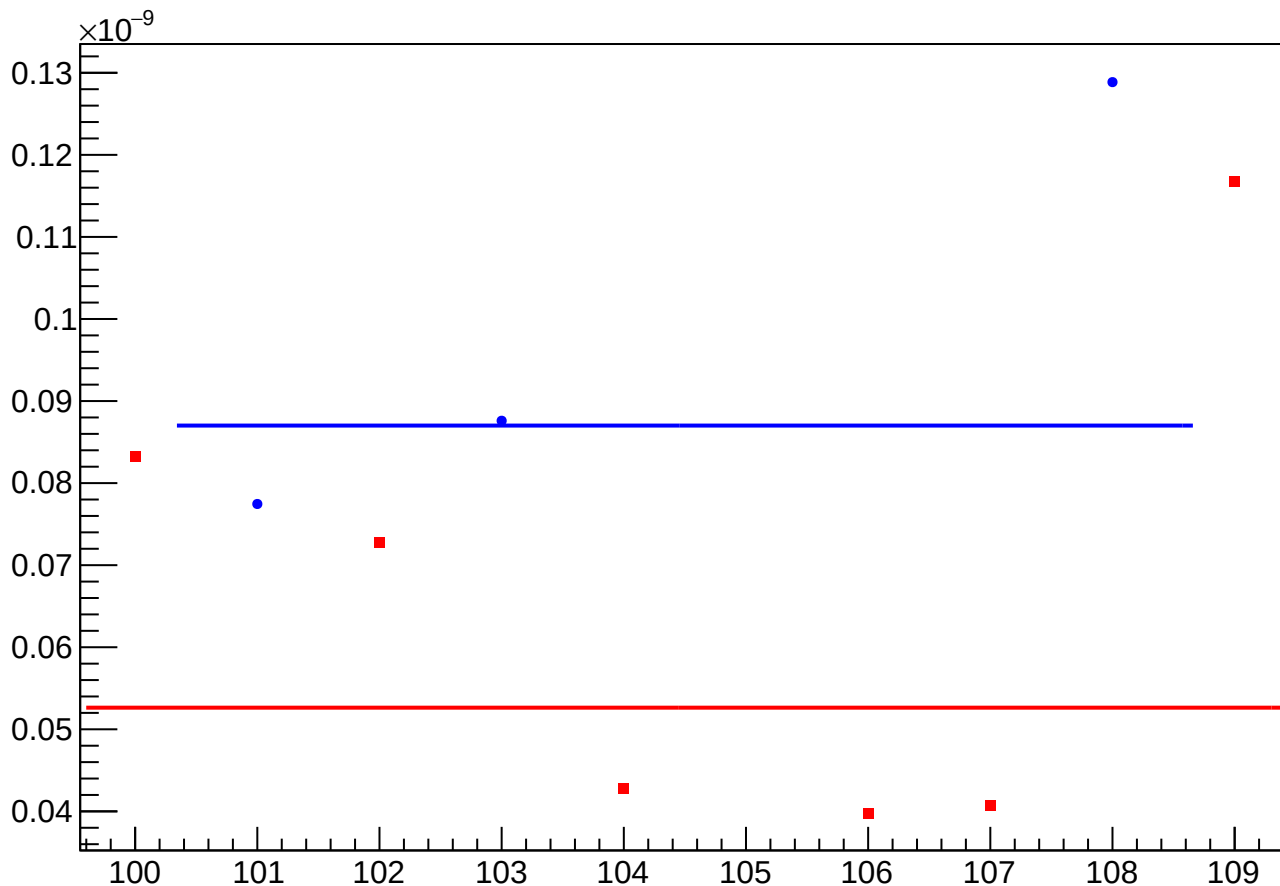
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 69167.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 375436.8/5

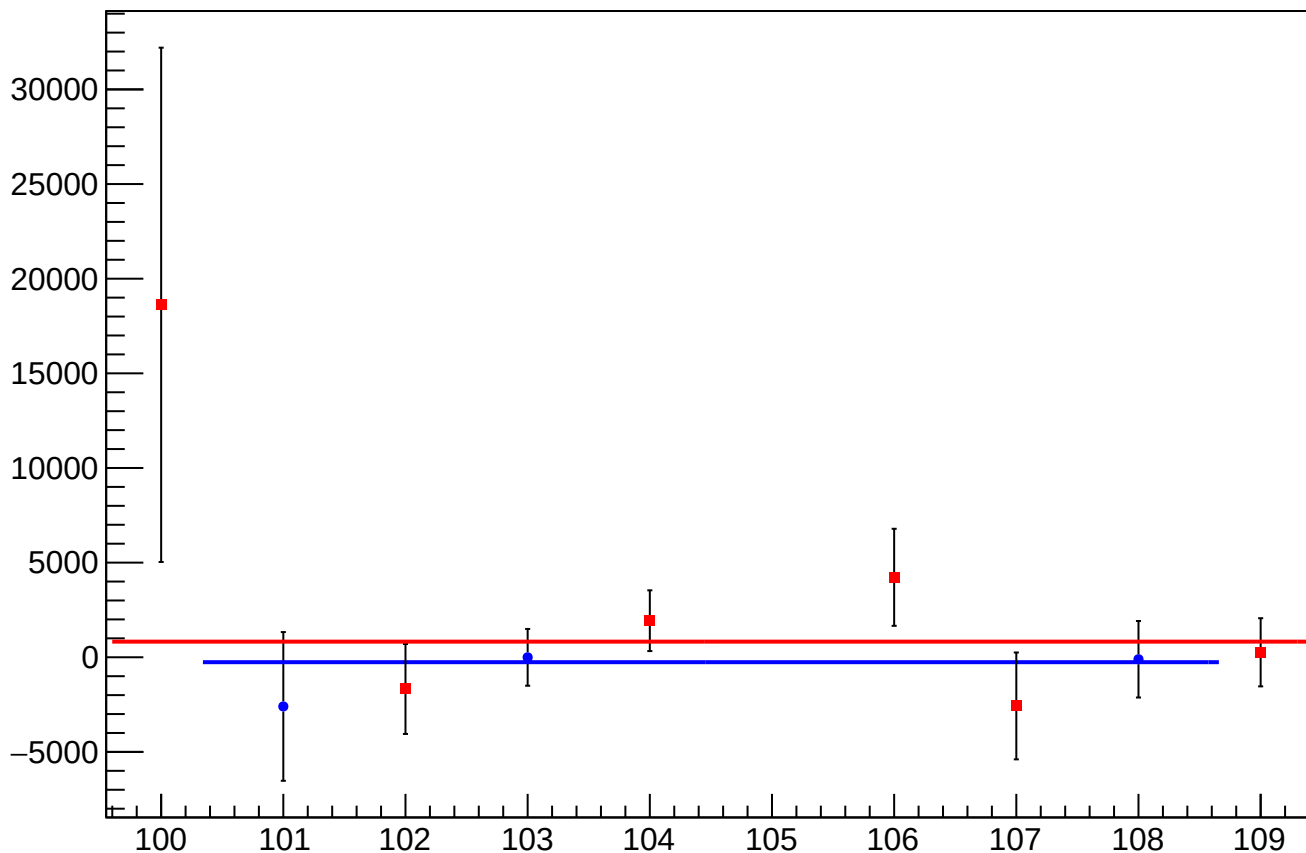
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 693055.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -259.803+/-1151.712 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 825.662+/-929.714 χ^2/NDF : 6.6/5

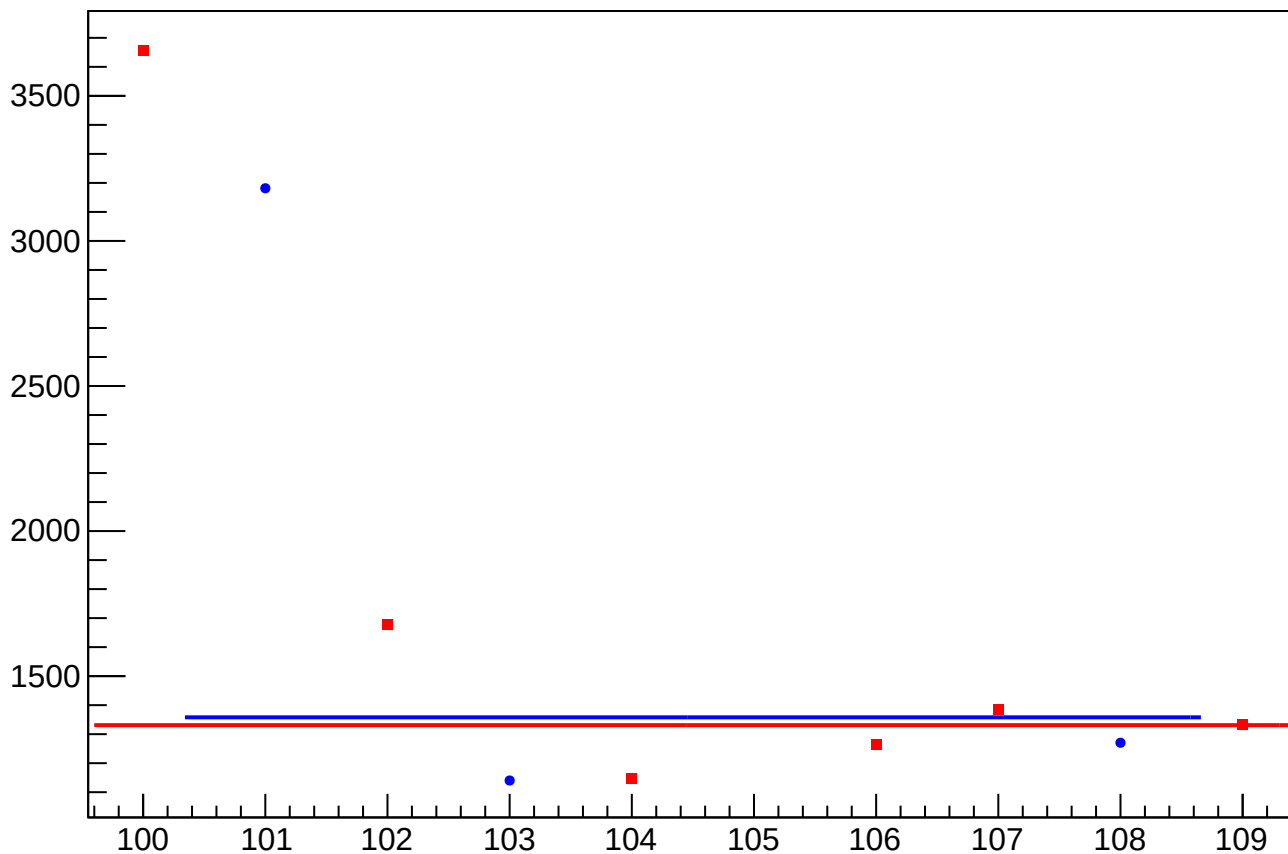
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.400+/-723.421 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1357.998 $\pm$ 0.814 χ^2 /NDF: 476767.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1331.062 $\pm$ 0.657 χ^2 /NDF: 128866.0/5

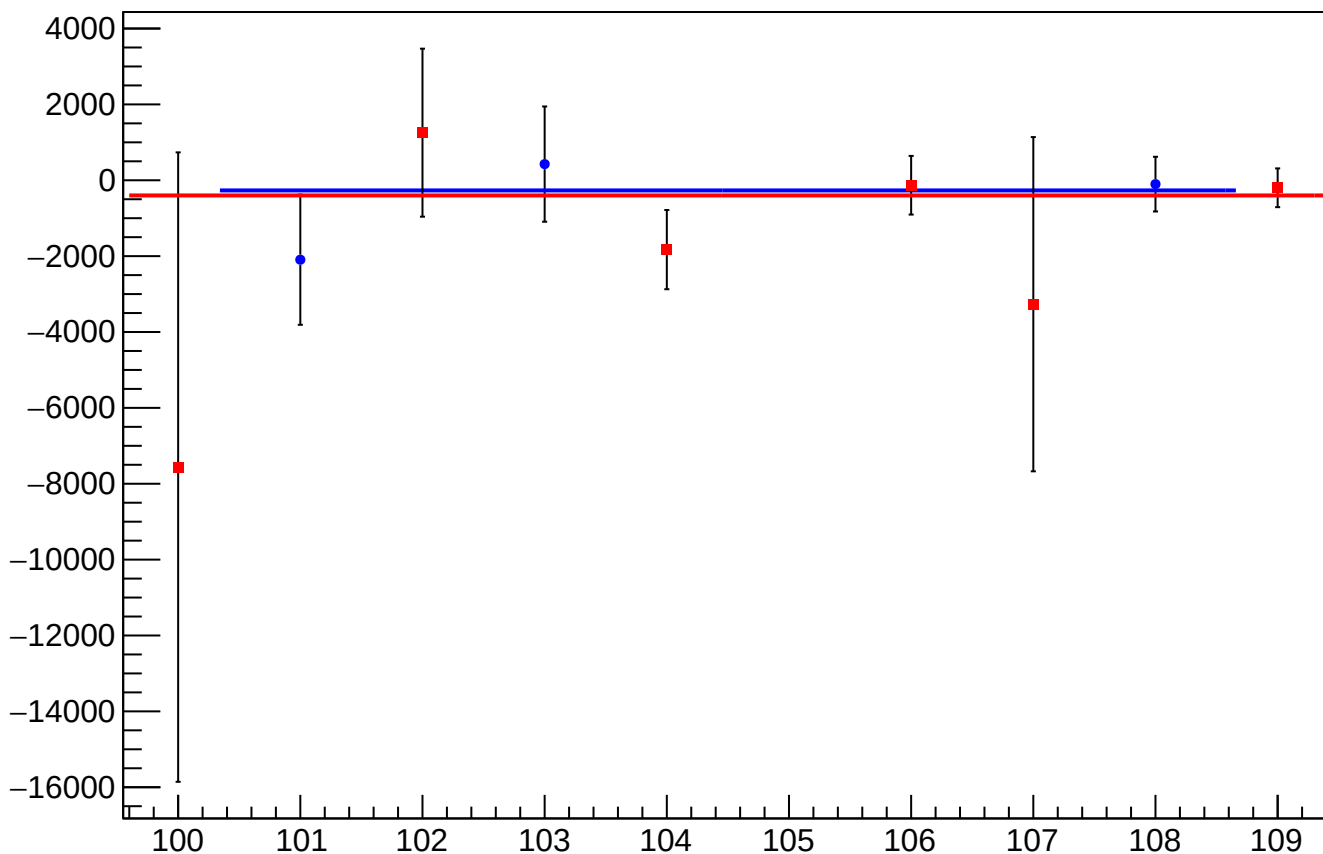
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1341.690 $\pm$ 0.512 χ^2 /NDF: 606295.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug



Right In: -267.678+/-608.866 χ^2 /NDF: 1.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -400.017+/-386.628 χ^2 /NDF: 3.9/5

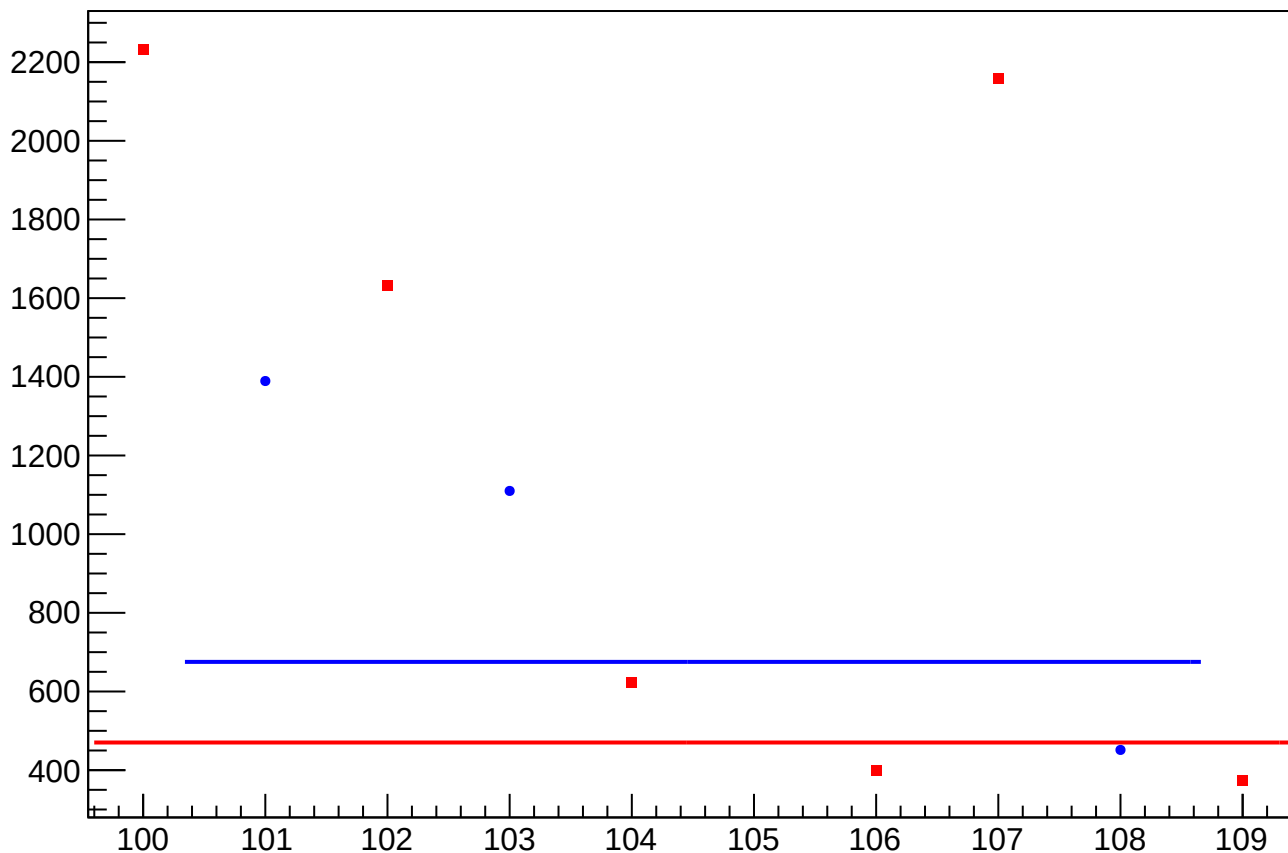
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -361.989+/-326.385 χ^2 /NDF: 5.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug



Right In: 675.286+/-0.431 χ^2/NDF : 702753.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.315+/-0.273 χ^2/NDF : 1064203.1/5

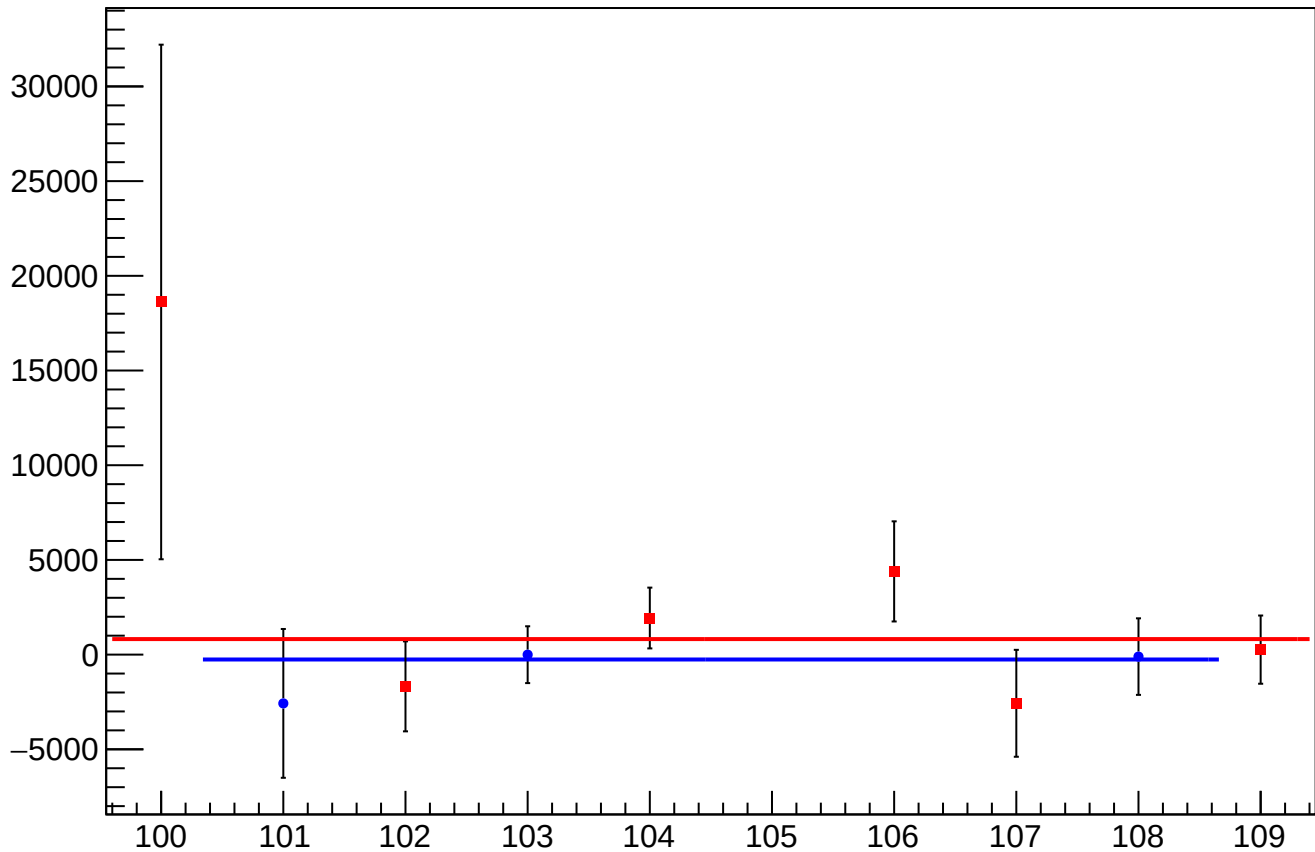
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.214+/-0.231 χ^2/NDF : 1928483.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.943+/-933.395 χ^2/NDF : 6.7/5

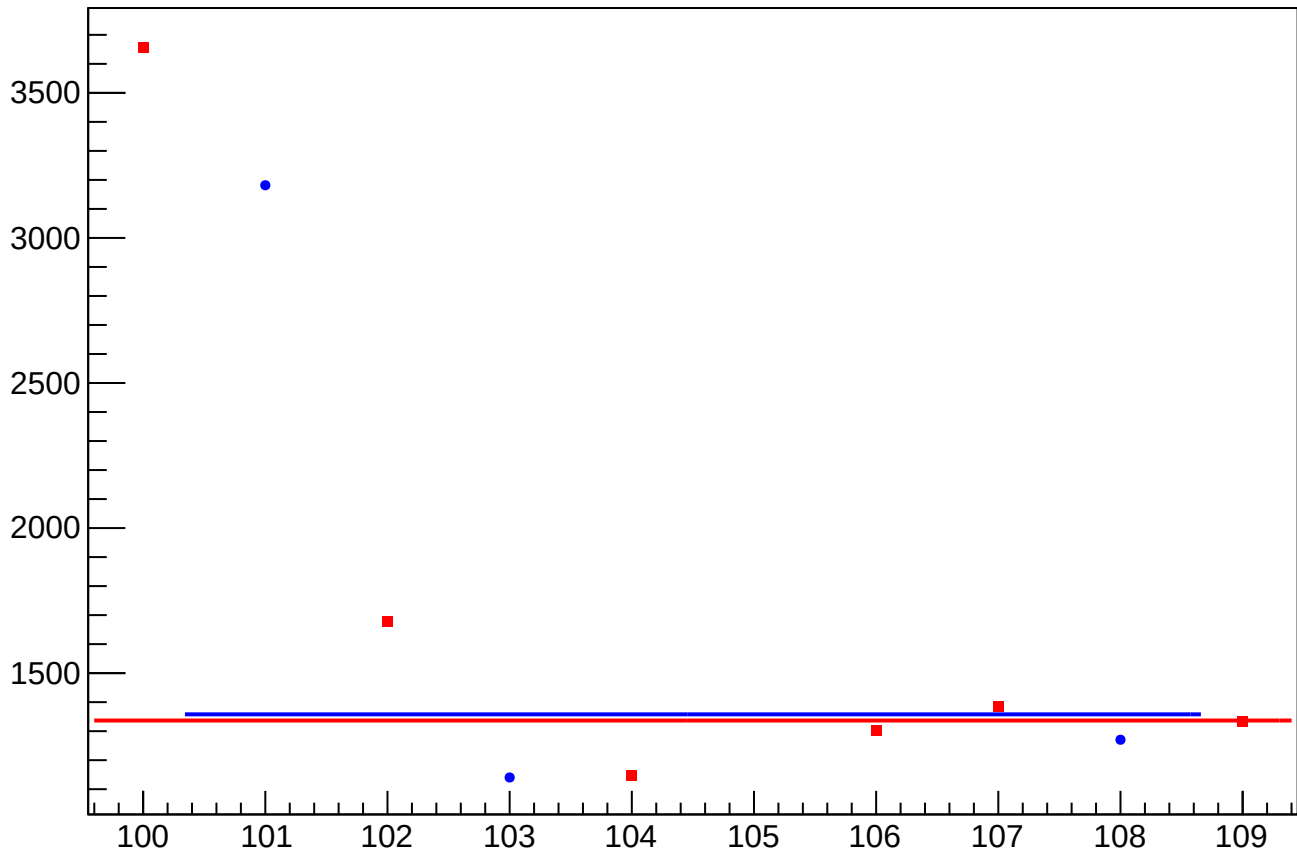
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.694+/-725.151 χ^2/NDF : 7.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1336.686 $\pm$ 0.660 χ^2 /NDF: 127598.4/5

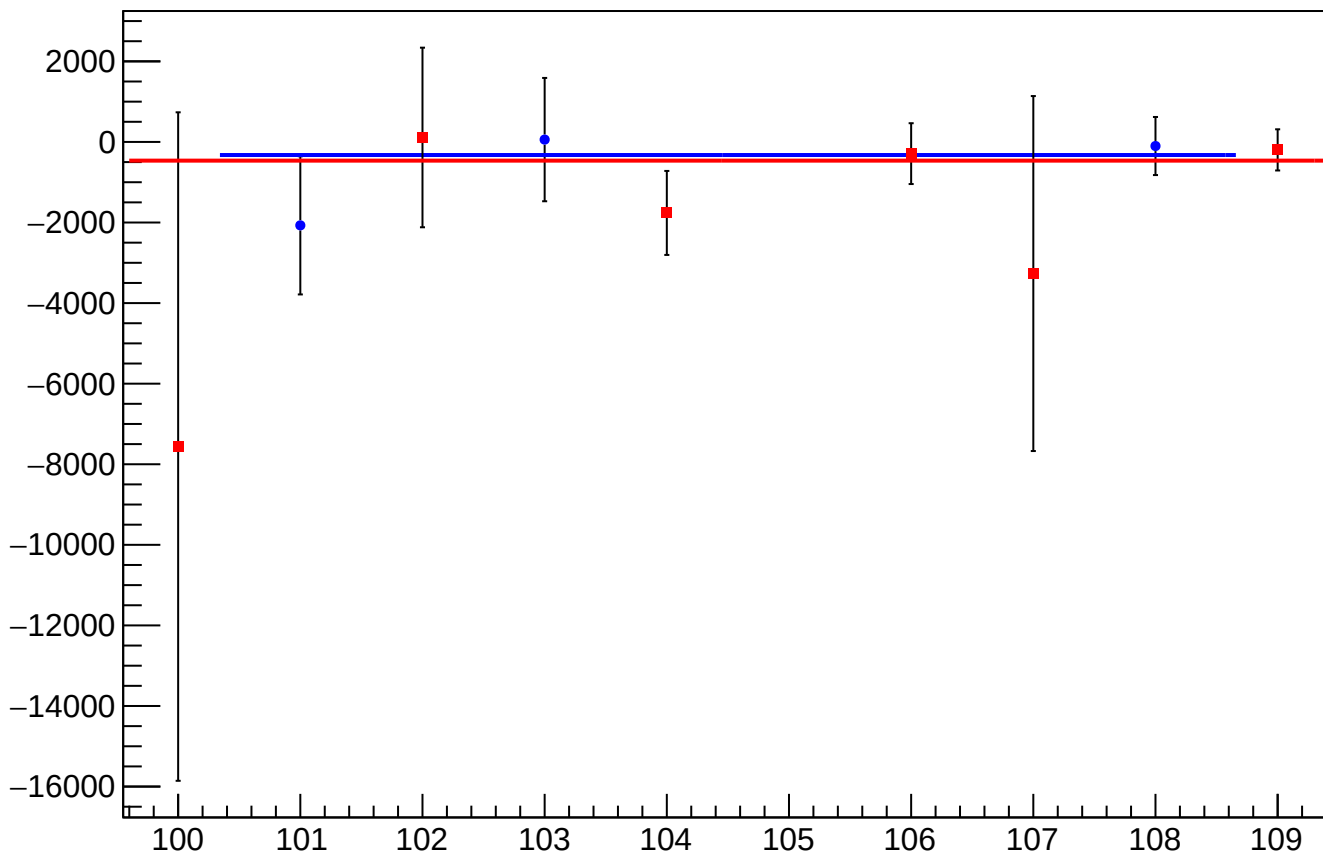
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1345.134 $\pm$ 0.513 χ^2 /NDF: 604781.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug



Right In: -324.751+/-609.541 χ^2 /NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -464.000+/-384.268 χ^2 /NDF: 3.1/5

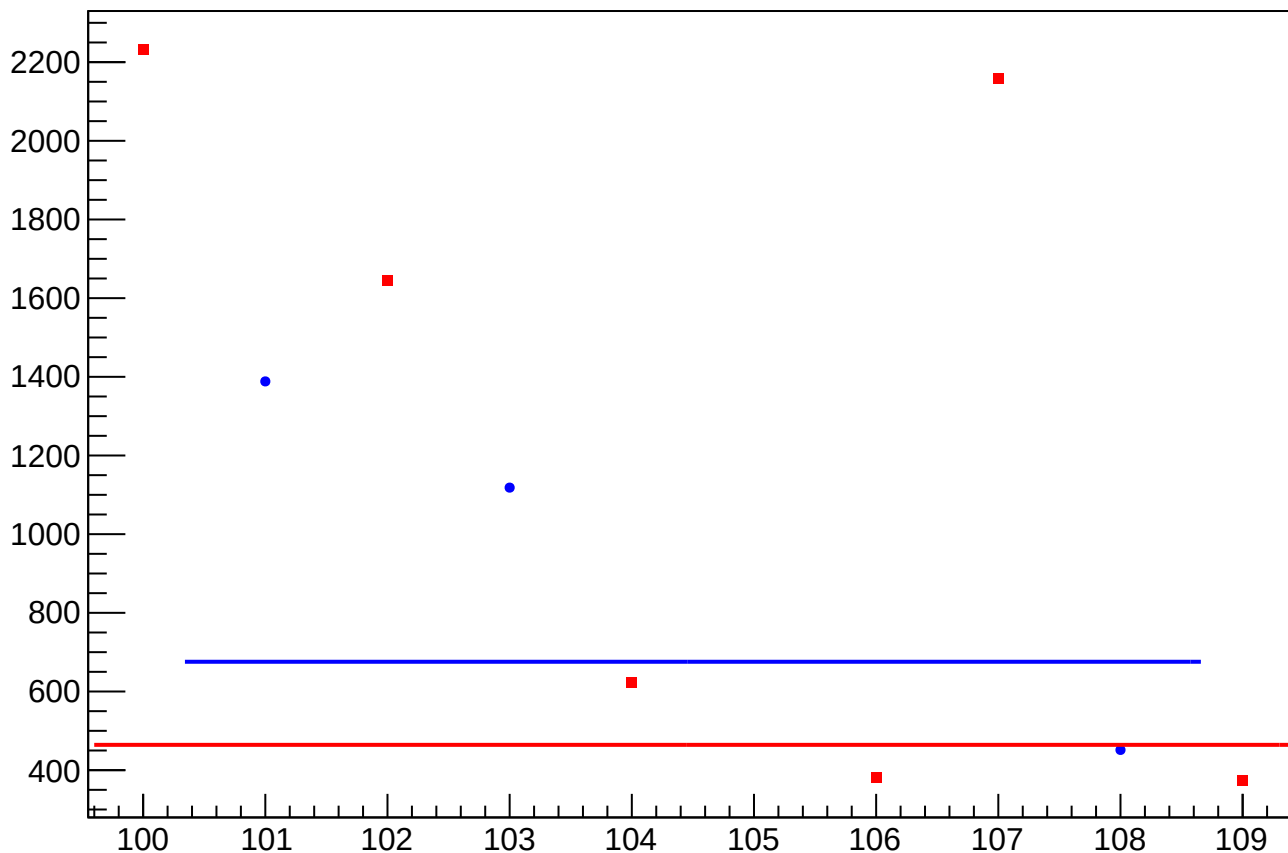
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -424.398+/-325.064 χ^2 /NDF: 4.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug



Right In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.373+/-0.272 χ^2/NDF : 1082237.8/5

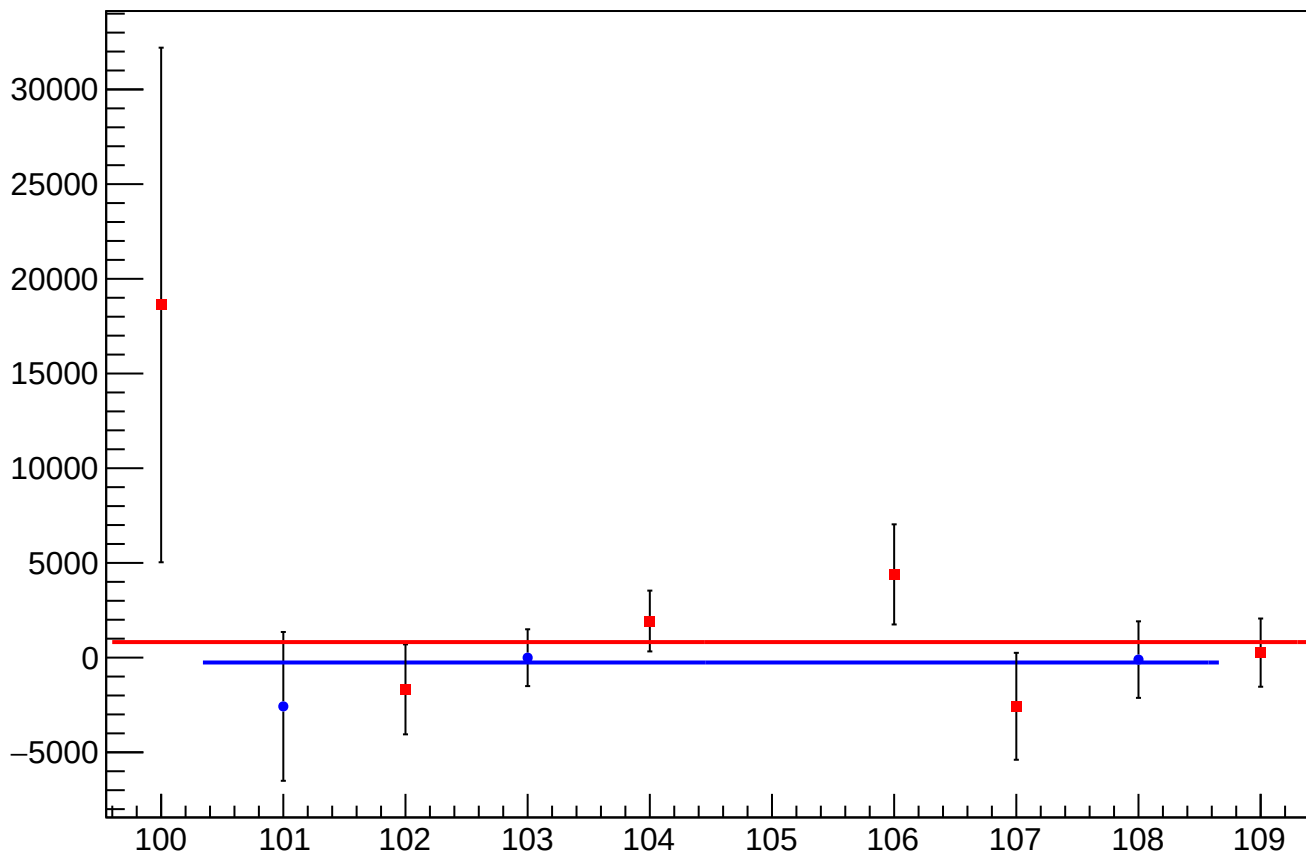
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.449+/-0.230 χ^2/NDF : 1960279.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -257.794+/-1151.713 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.943+/-933.395 χ^2/NDF : 6.7/5

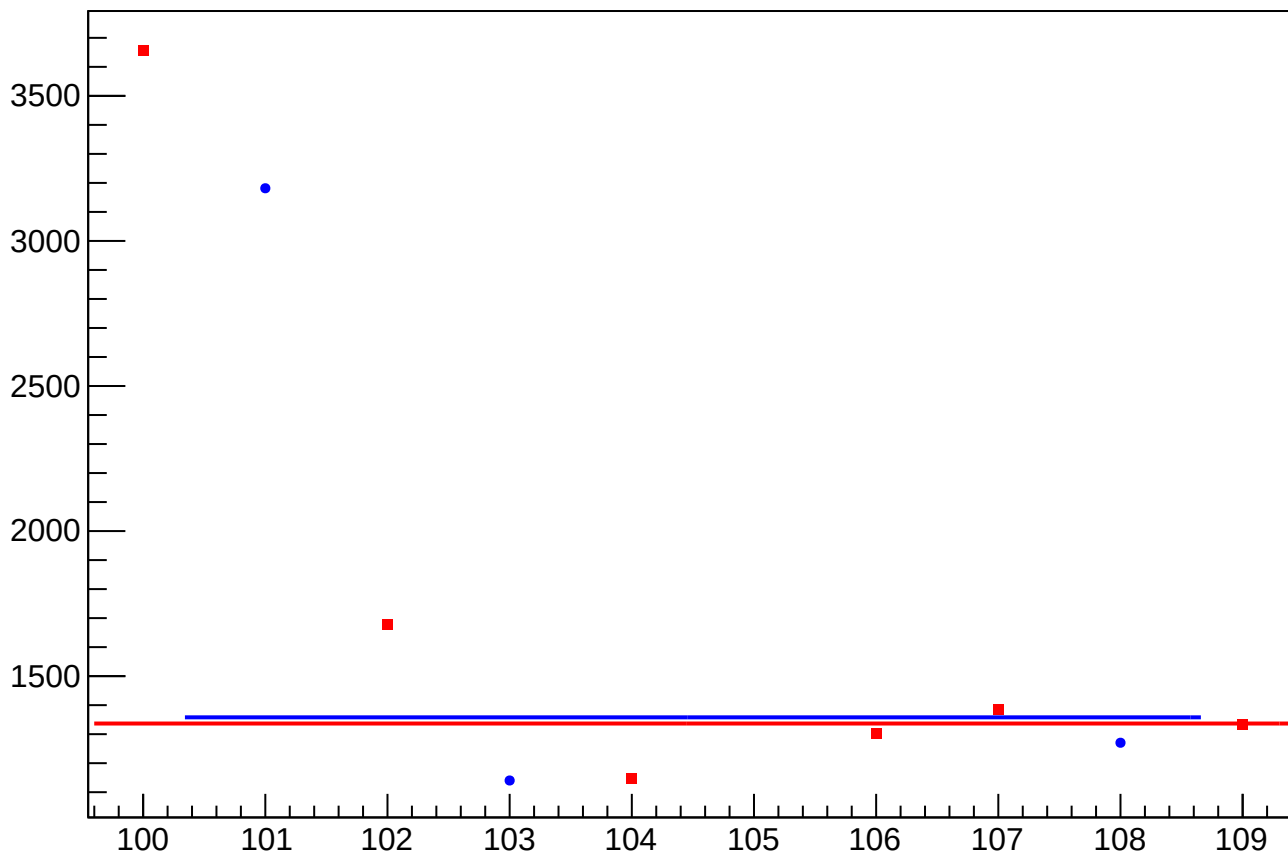
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.694+/-725.151 χ^2/NDF : 7.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1357.997 $\pm$ 0.814 χ^2 /NDF: 476769.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1336.686 $\pm$ 0.660 χ^2 /NDF: 127598.4/5

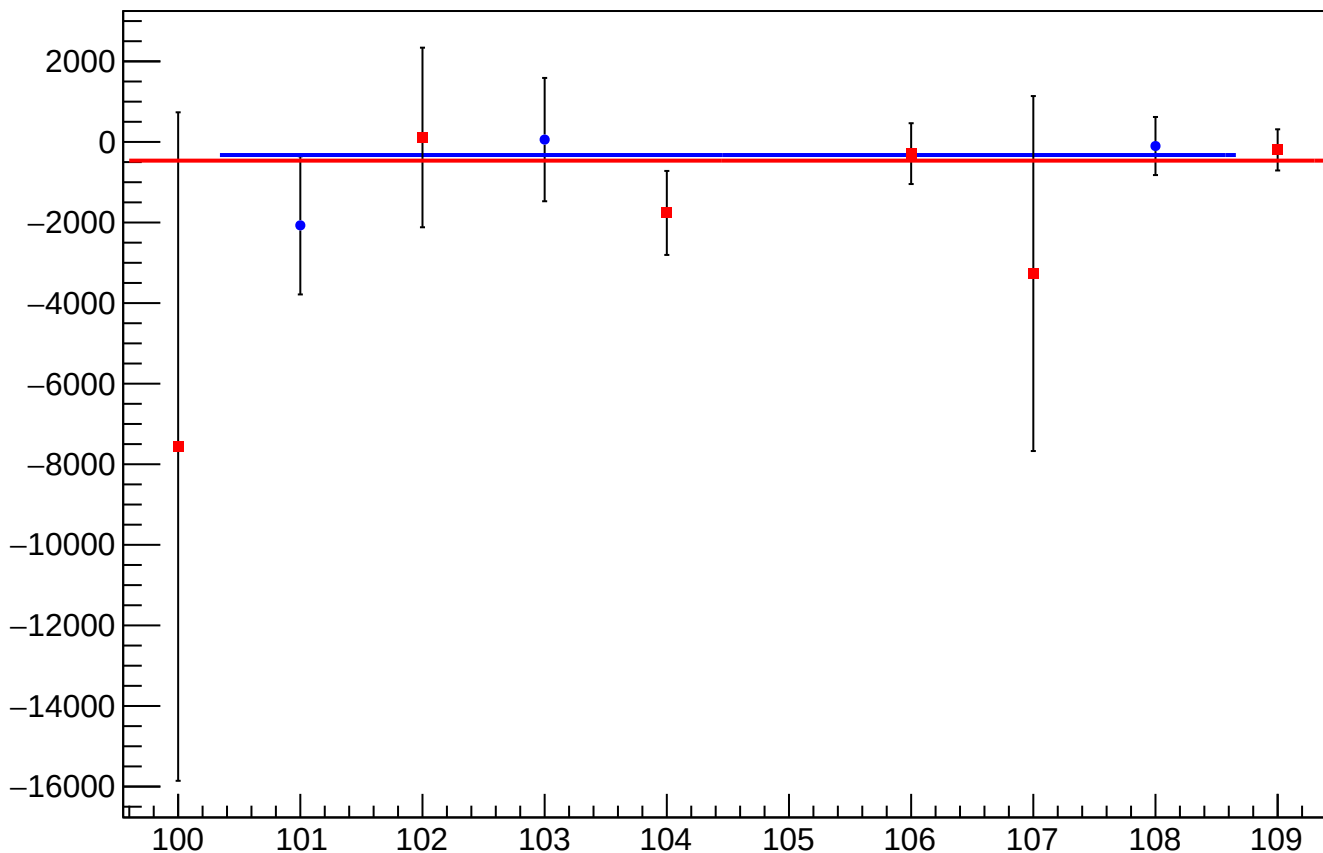
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1345.134 $\pm$ 0.513 χ^2 /NDF: 604781.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -324.751+/-609.541 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -464.000+/-384.268 χ^2/NDF : 3.1/5

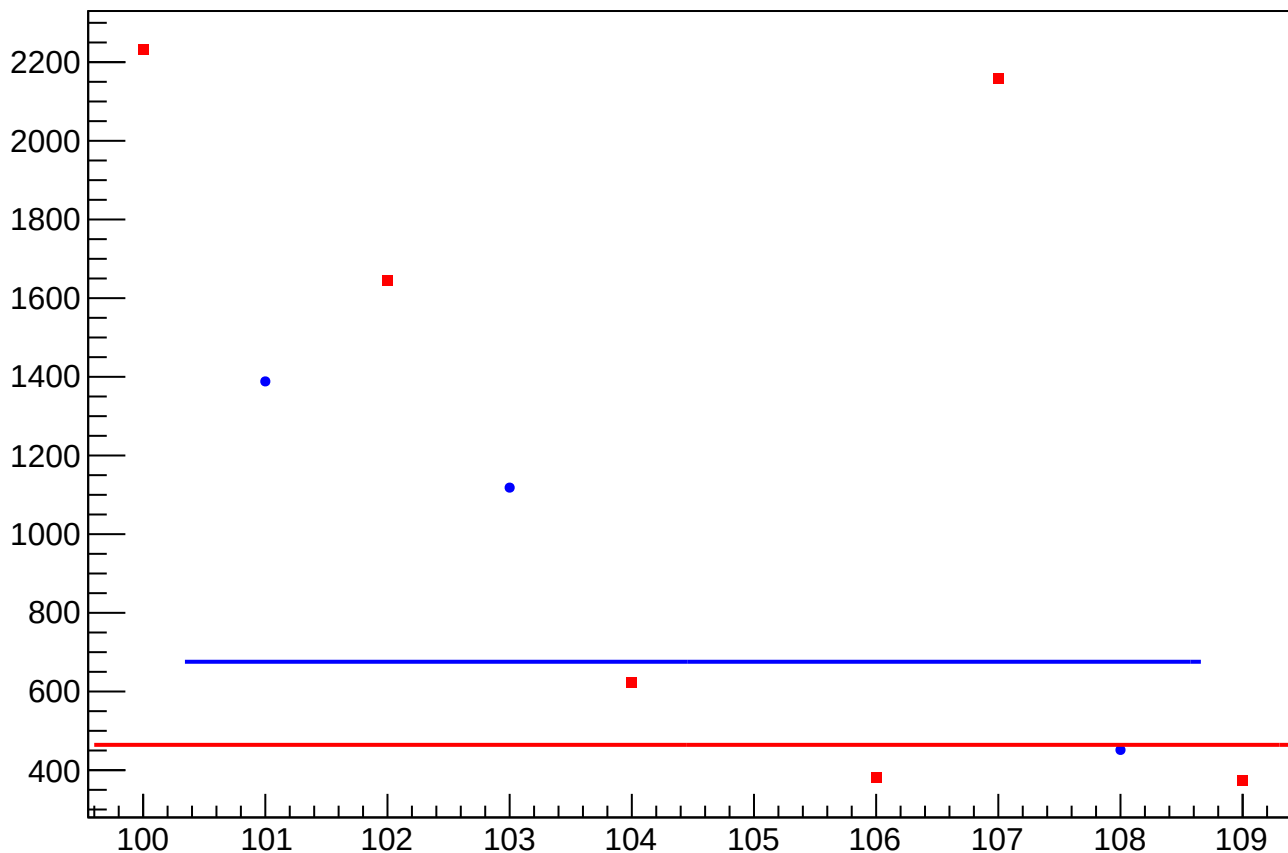
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -424.398+/-325.064 χ^2/NDF : 4.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 675.611+/-0.431 χ^2/NDF : 706155.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.373+/-0.272 χ^2/NDF : 1082237.8/5

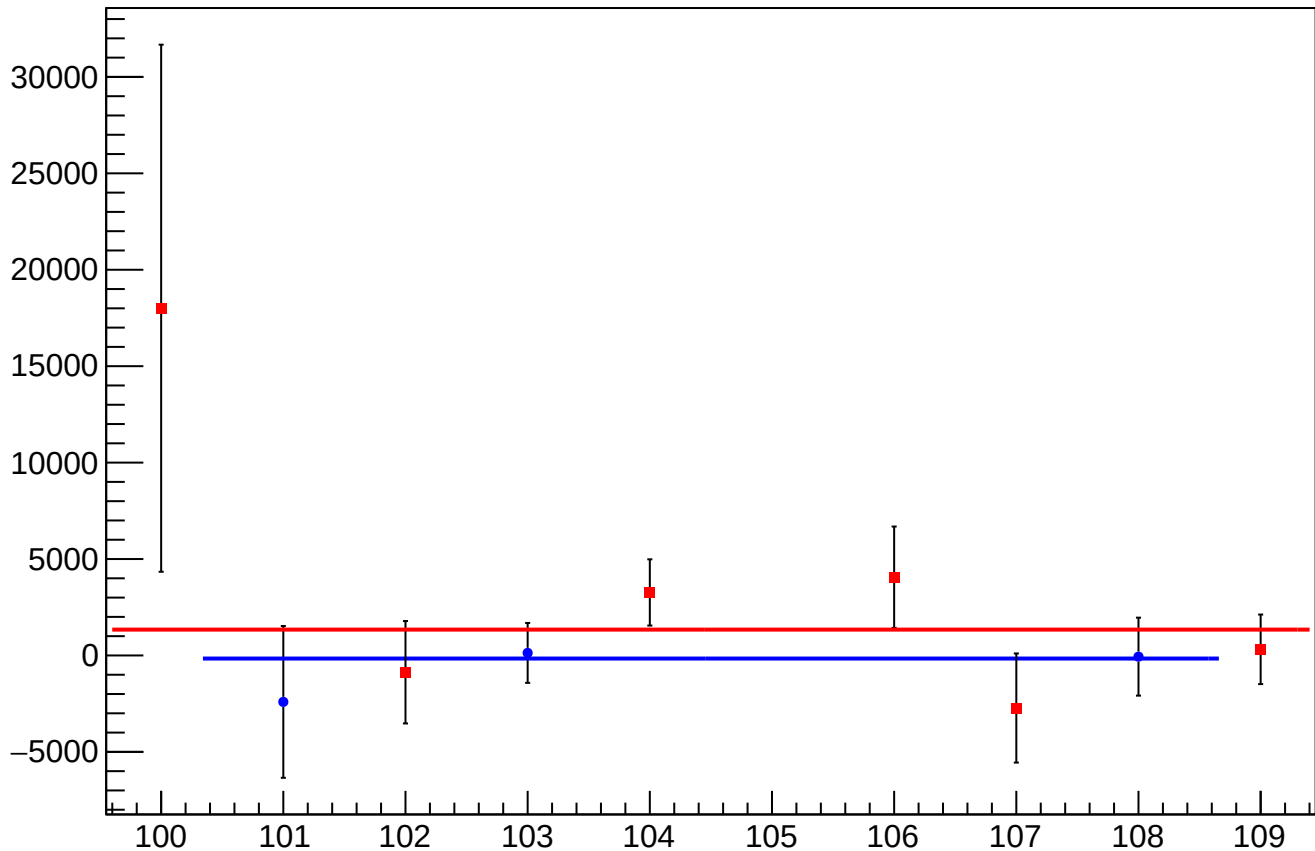
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.449+/-0.230 χ^2/NDF : 1960279.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -160.378+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.837+/-969.733 χ^2/NDF : 6.9/5

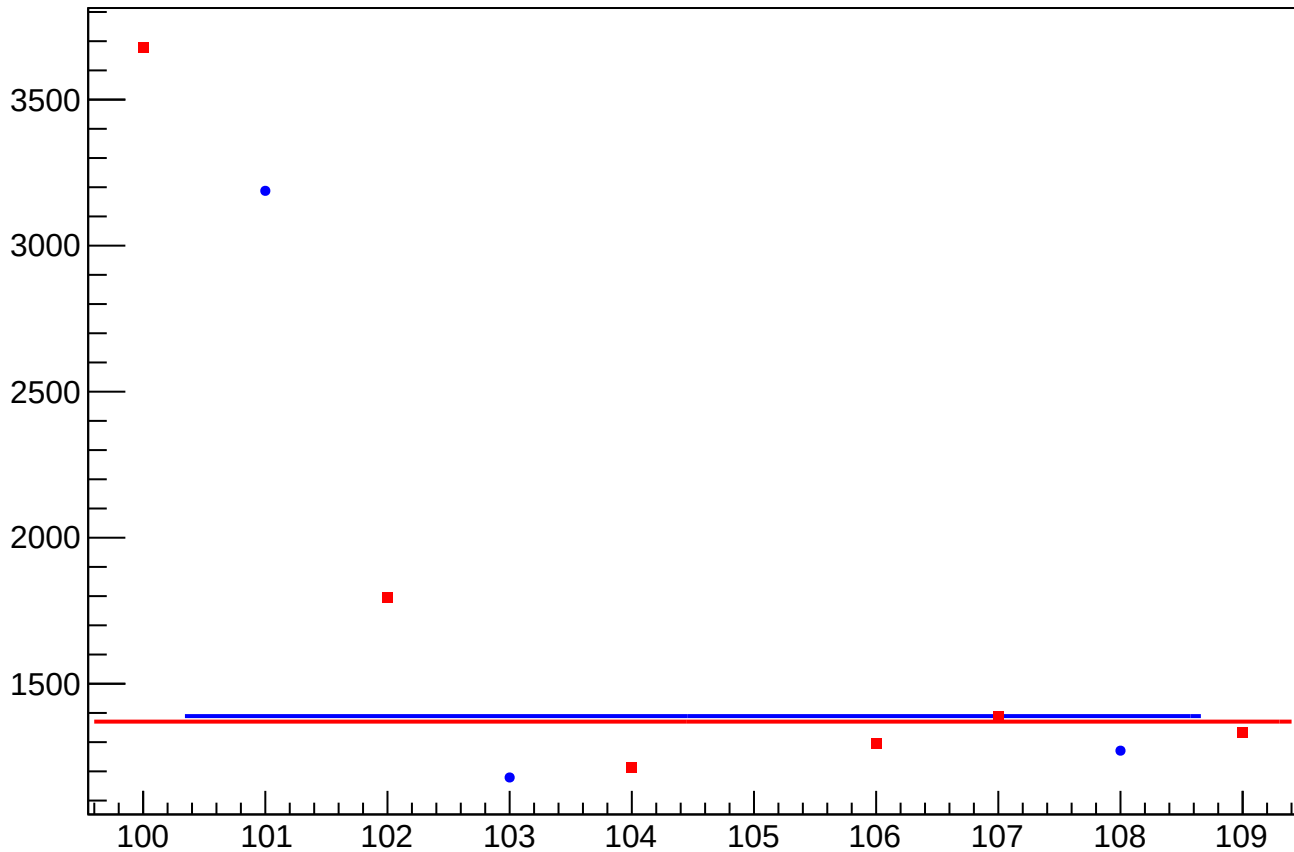
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.294+/-748.034 χ^2/NDF : 8.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1389.211 $\pm$ 0.831 χ^2 /NDF: 460990.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1370.321 $\pm$ 0.686 χ^2 /NDF: 127229.0/5

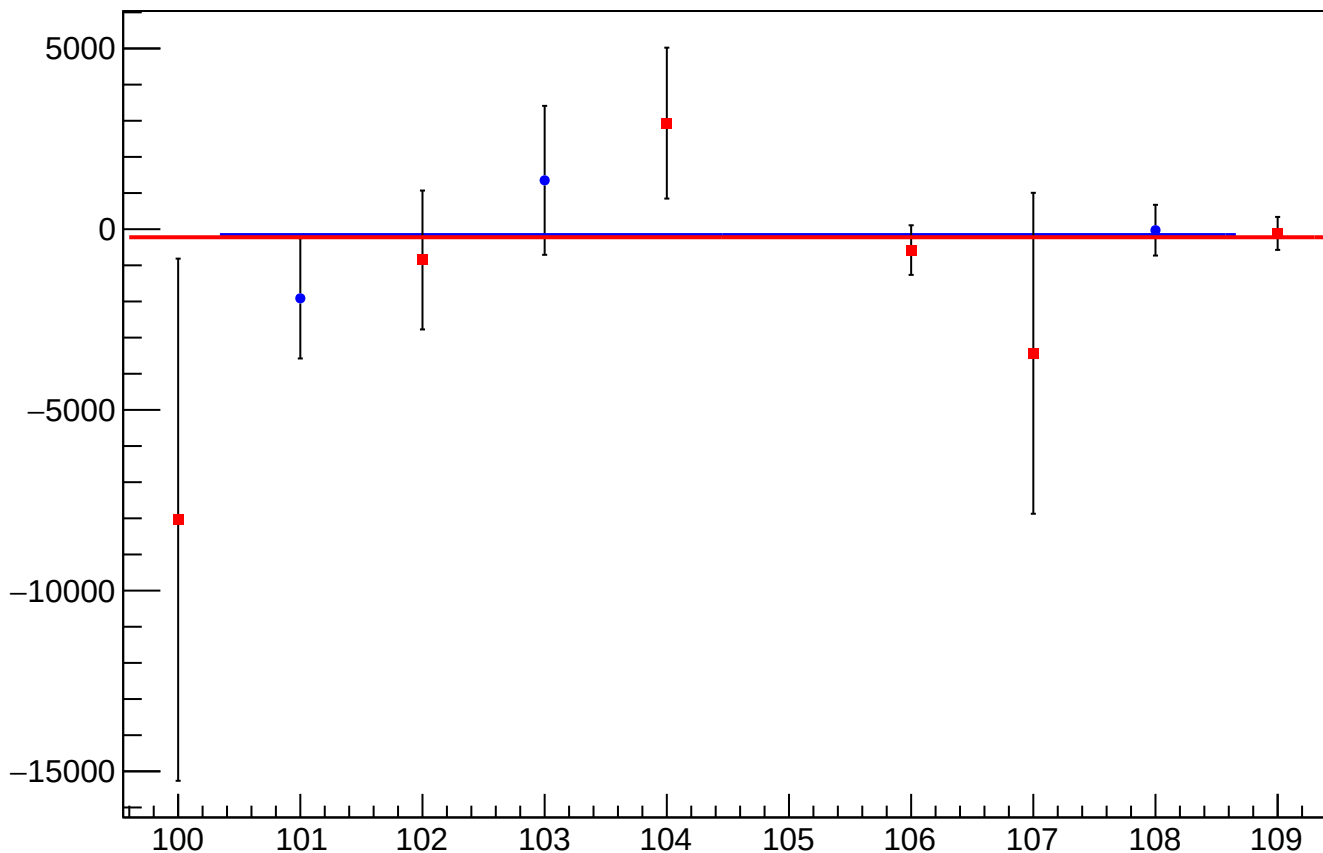
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1377.970 $\pm$ 0.529 χ^2 /NDF: 588526.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug



Right In: -162.869+/-617.022 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -222.993+/-365.114 χ^2/NDF : 4.4/5

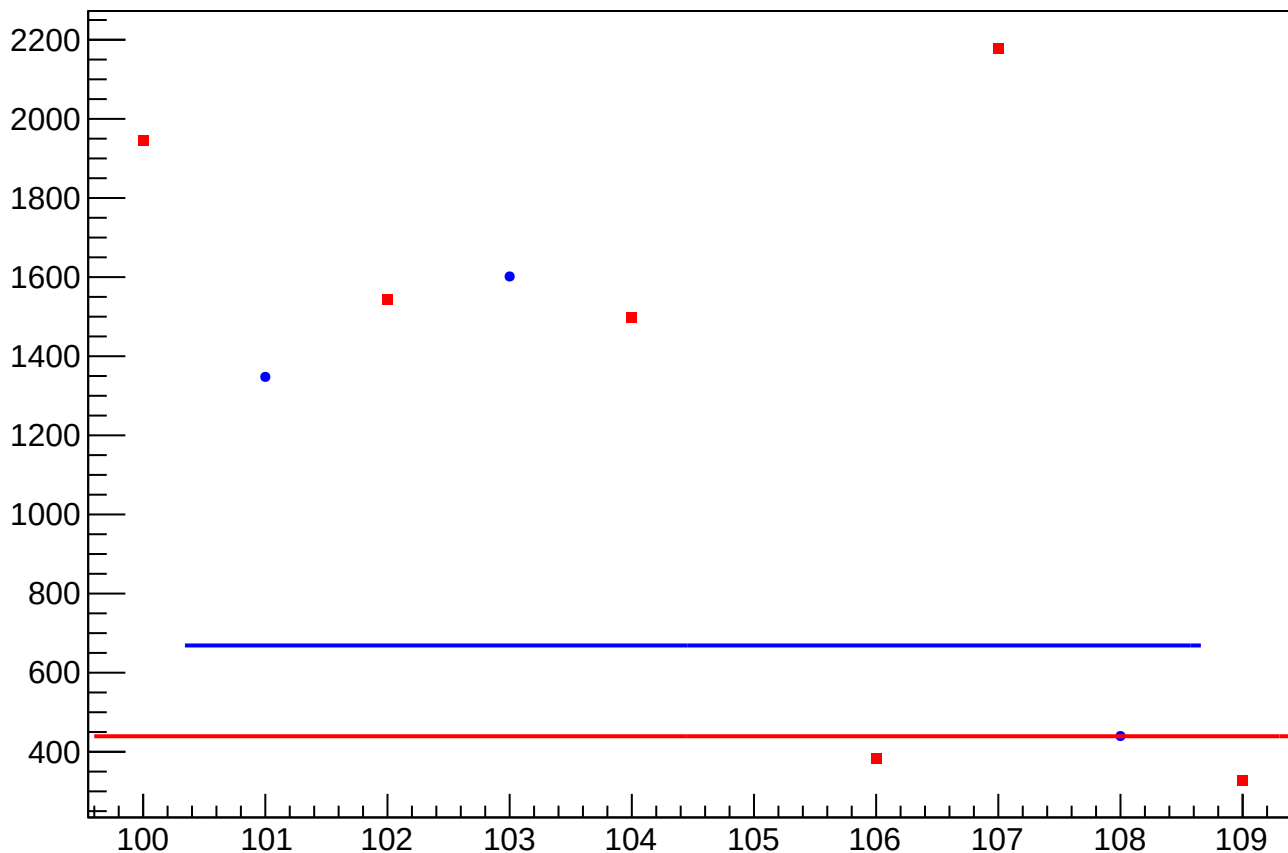
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -207.400+/-314.223 χ^2/NDF : 6.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug



Right In: 668.798+/-0.436 χ^2/NDF : 955573.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.312+/-0.258 χ^2/NDF : 1703046.4/5

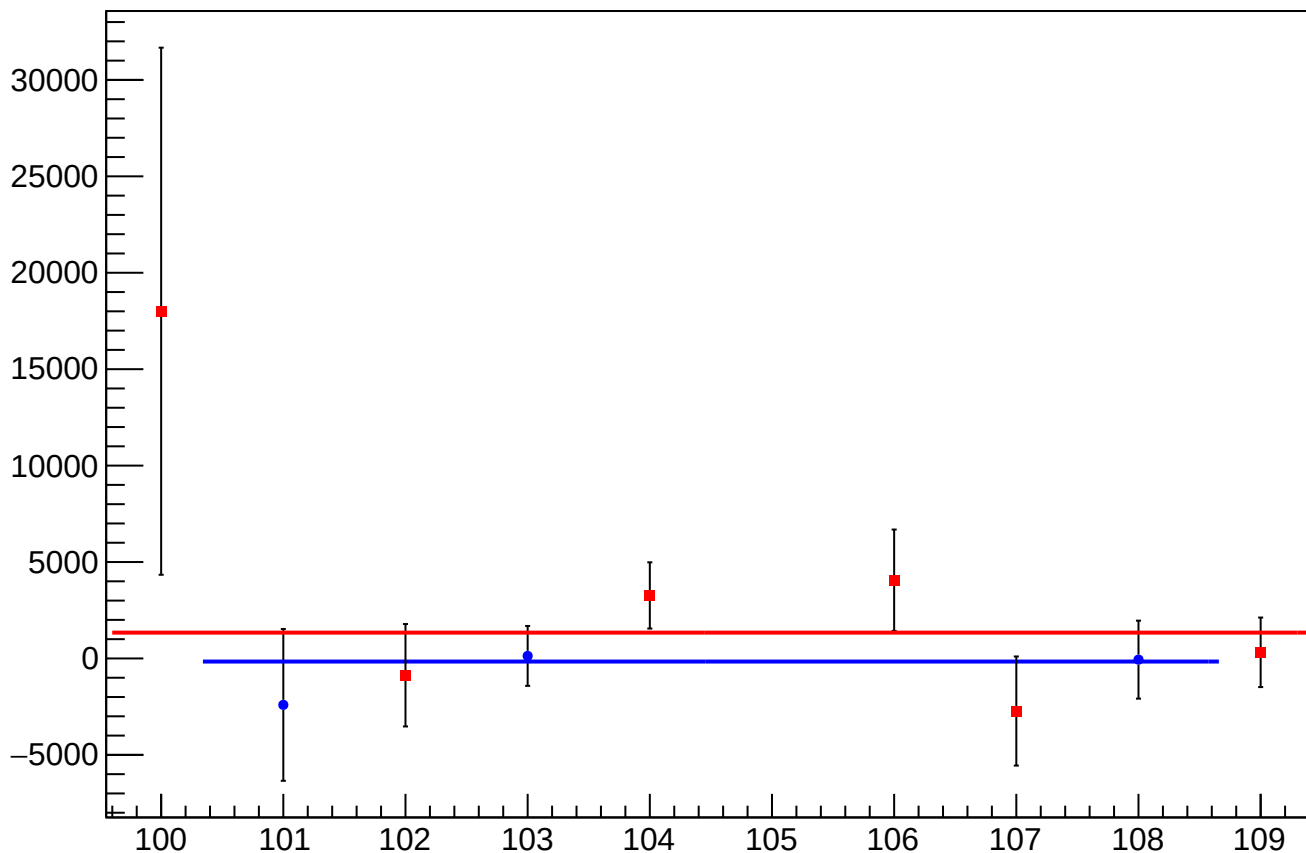
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.827+/-0.222 χ^2/NDF : 2863526.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -160.374+/-1175.466 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1339.837+/-969.733 χ^2/NDF : 6.9/5

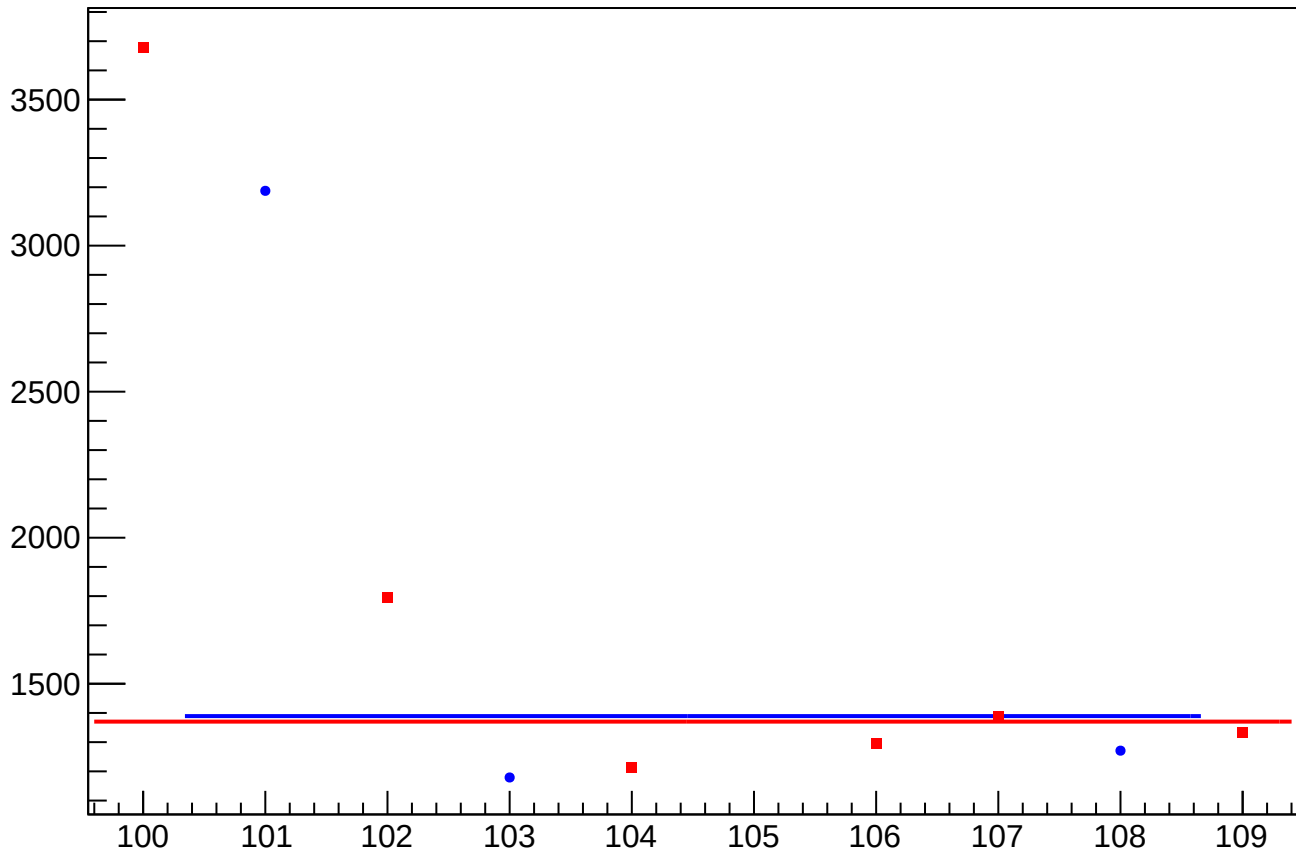
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 732.296+/-748.034 χ^2/NDF : 8.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1389.211+/-0.831 χ^2/NDF : 460990.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.321+/-0.686 χ^2/NDF : 127229.0/5

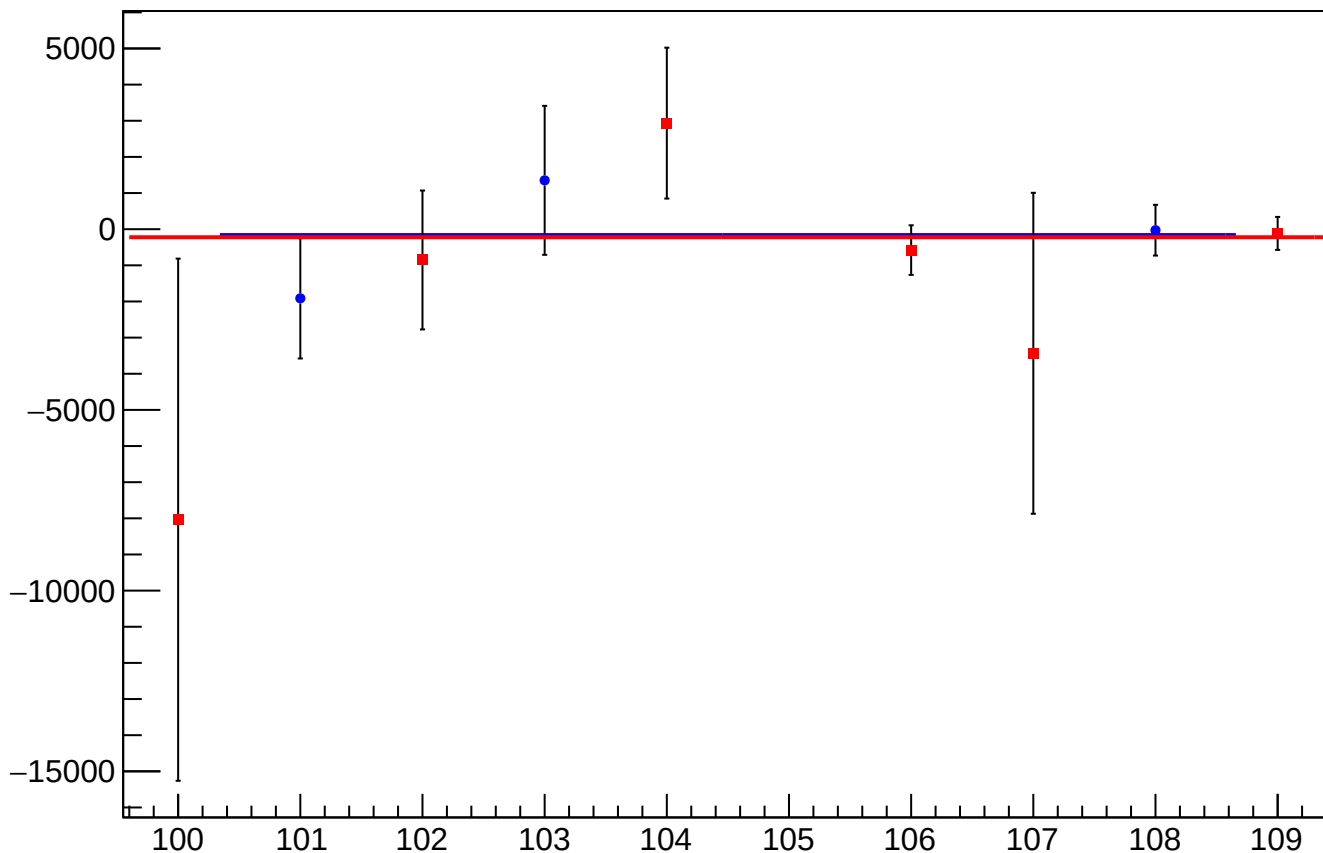
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1377.971+/-0.529 χ^2/NDF : 588526.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -162.856 $\pm$ 617.012 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -222.994 $\pm$ 365.113 χ^2 /NDF: 4.4/5

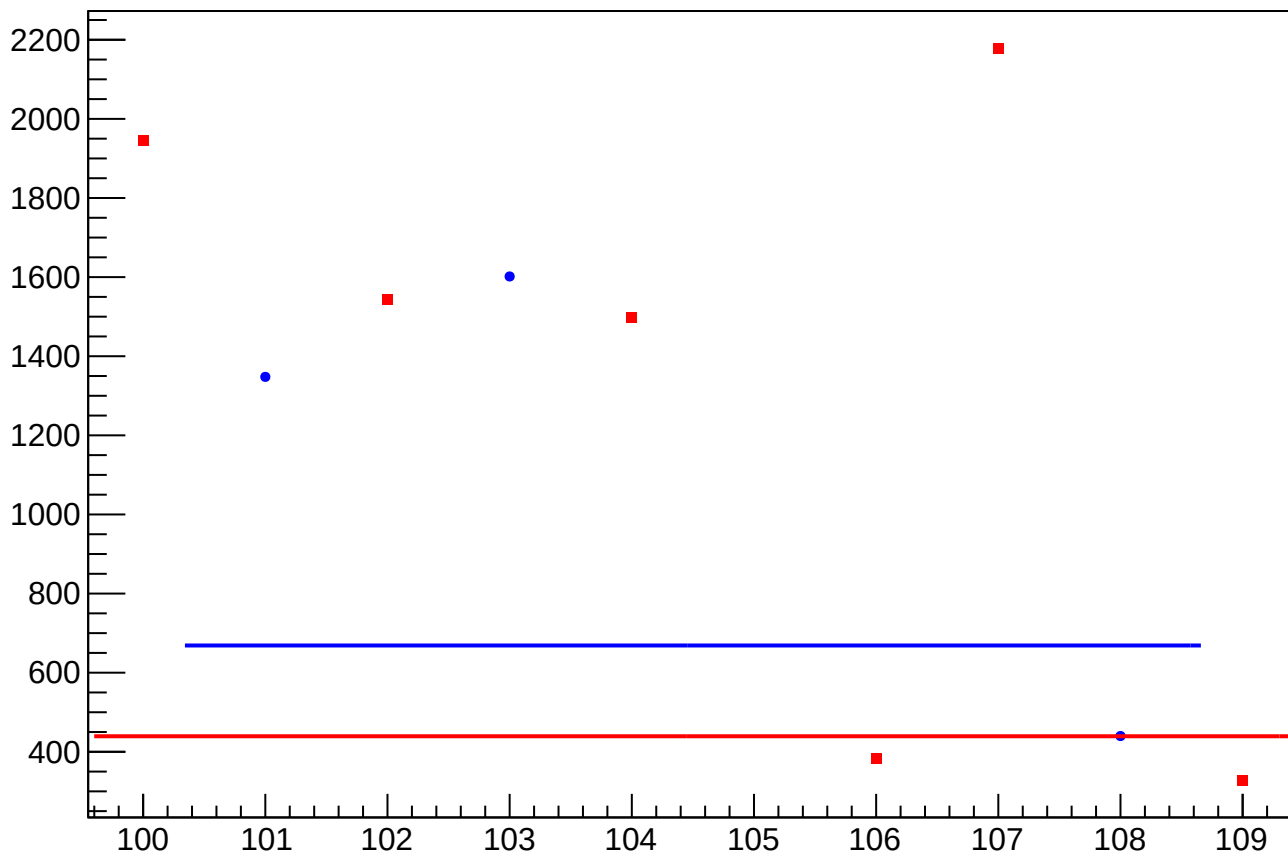
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -207.397 $\pm$ 314.220 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 668.783+/-0.436 χ^2/NDF : 955597.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.310+/-0.258 χ^2/NDF : 1703051.8/5

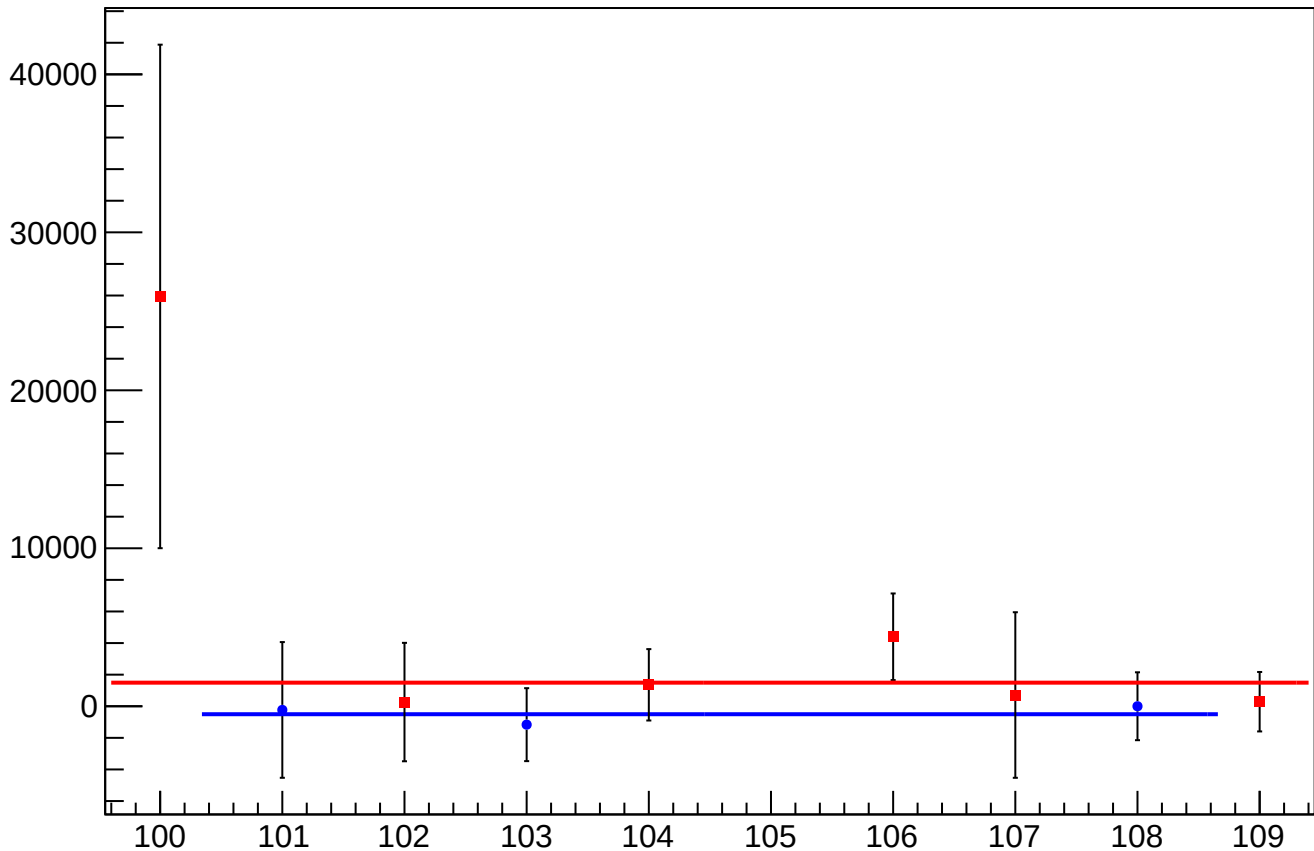
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.823+/-0.222 χ^2/NDF : 2863540.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -503.936+/-1477.059 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1493.695+/-1176.155 χ^2/NDF : 4.0/5

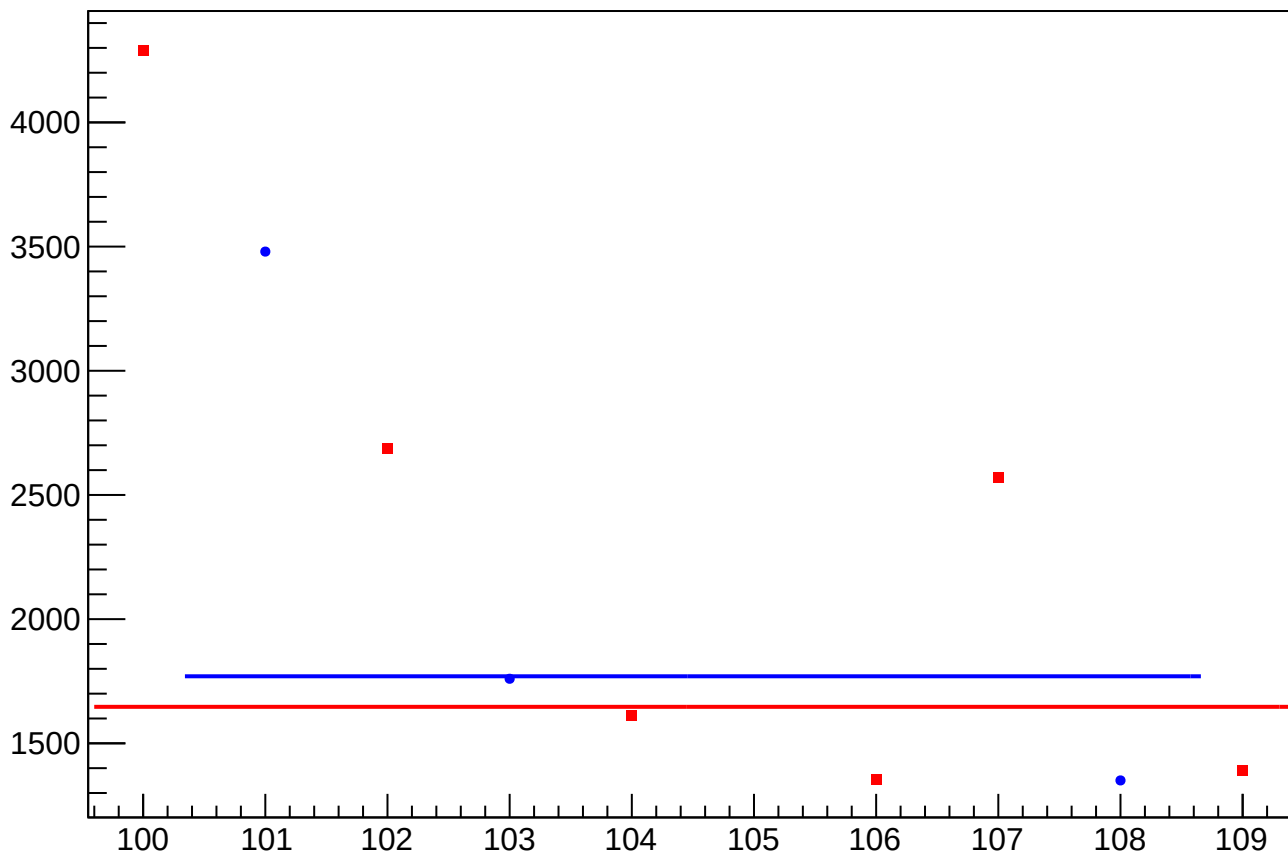
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.556+/-920.089 χ^2/NDF : 5.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1769.929+/-1.044 χ^2/NDF : 393111.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1646.959+/-0.832 χ^2/NDF : 331096.4/5

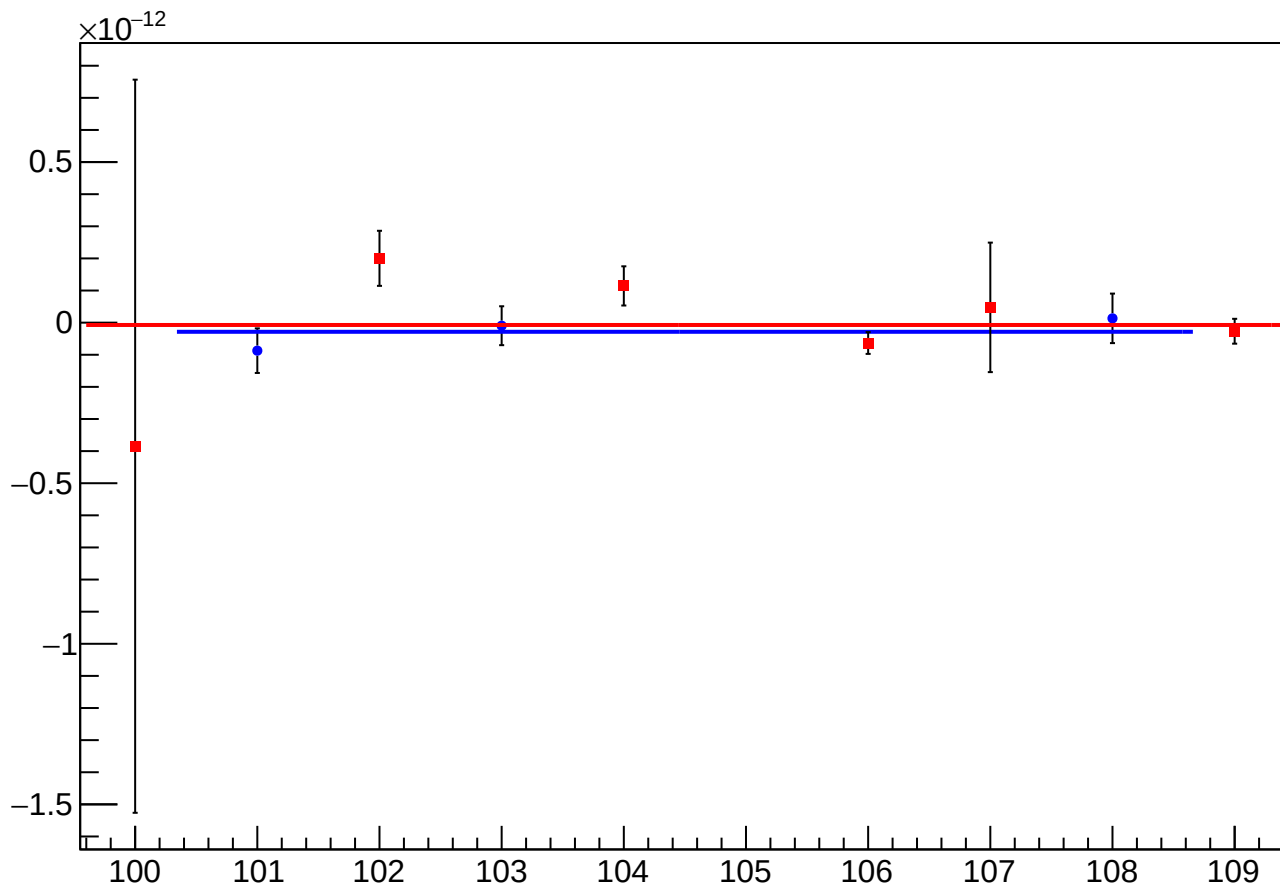
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1694.675+/-0.651 χ^2/NDF : 732691.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 1.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.0/5

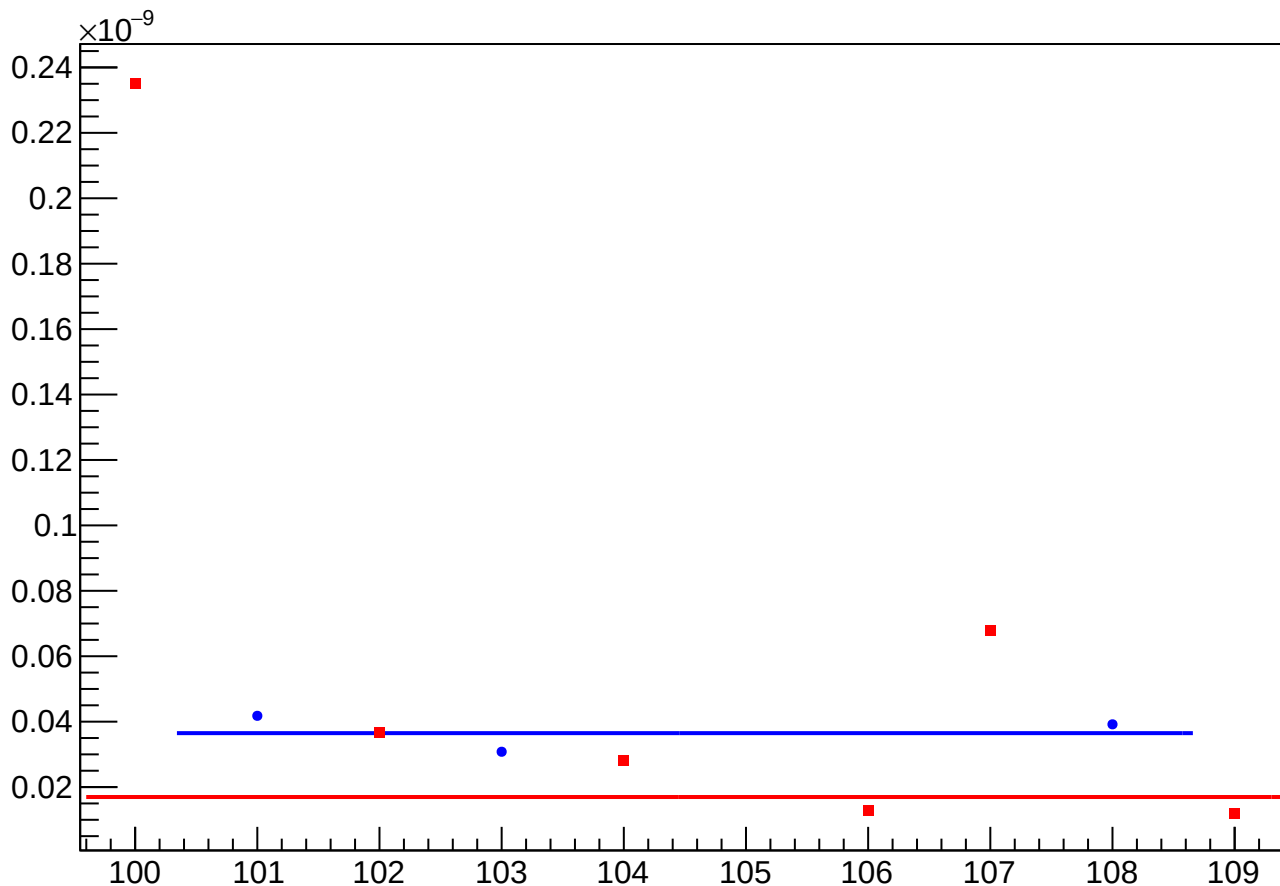
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 14.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 31726.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 439255.1/5

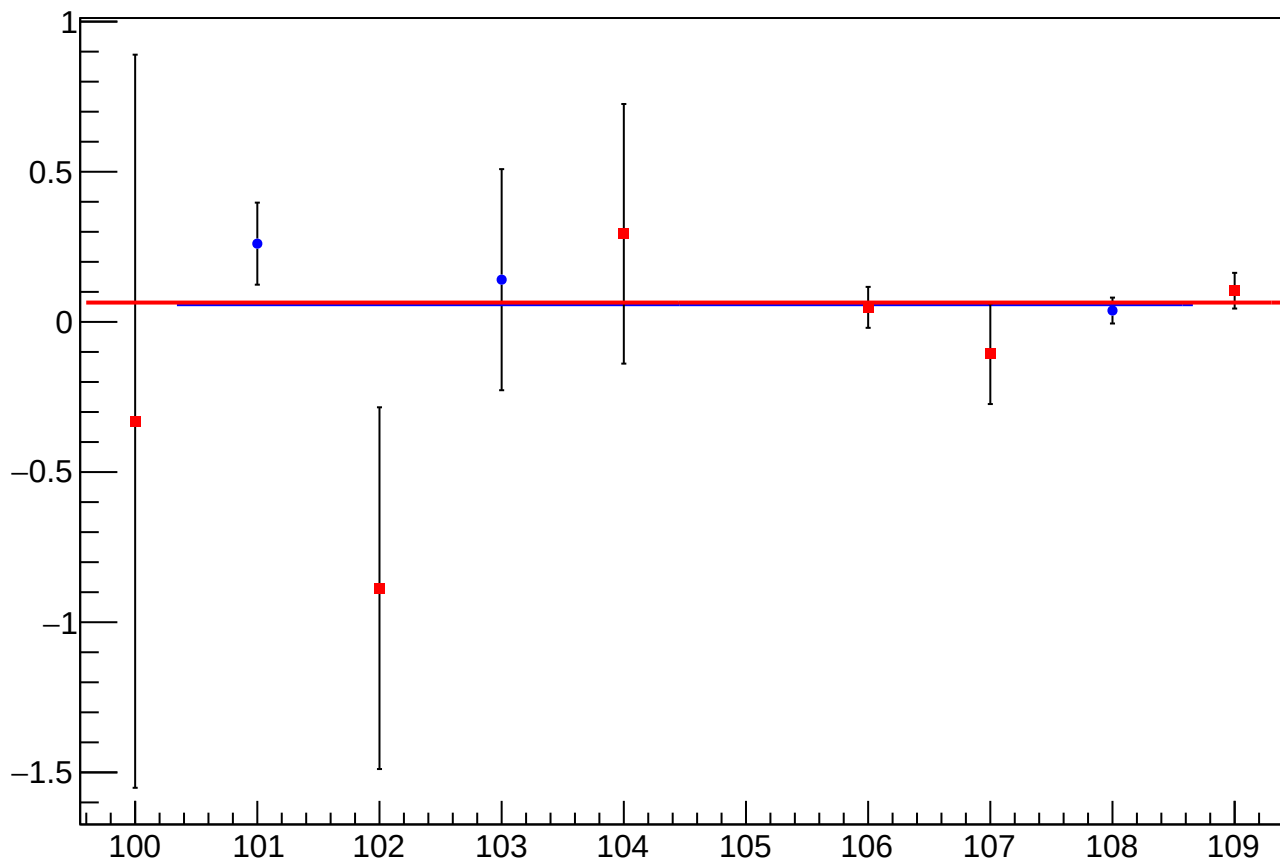
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 842836.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

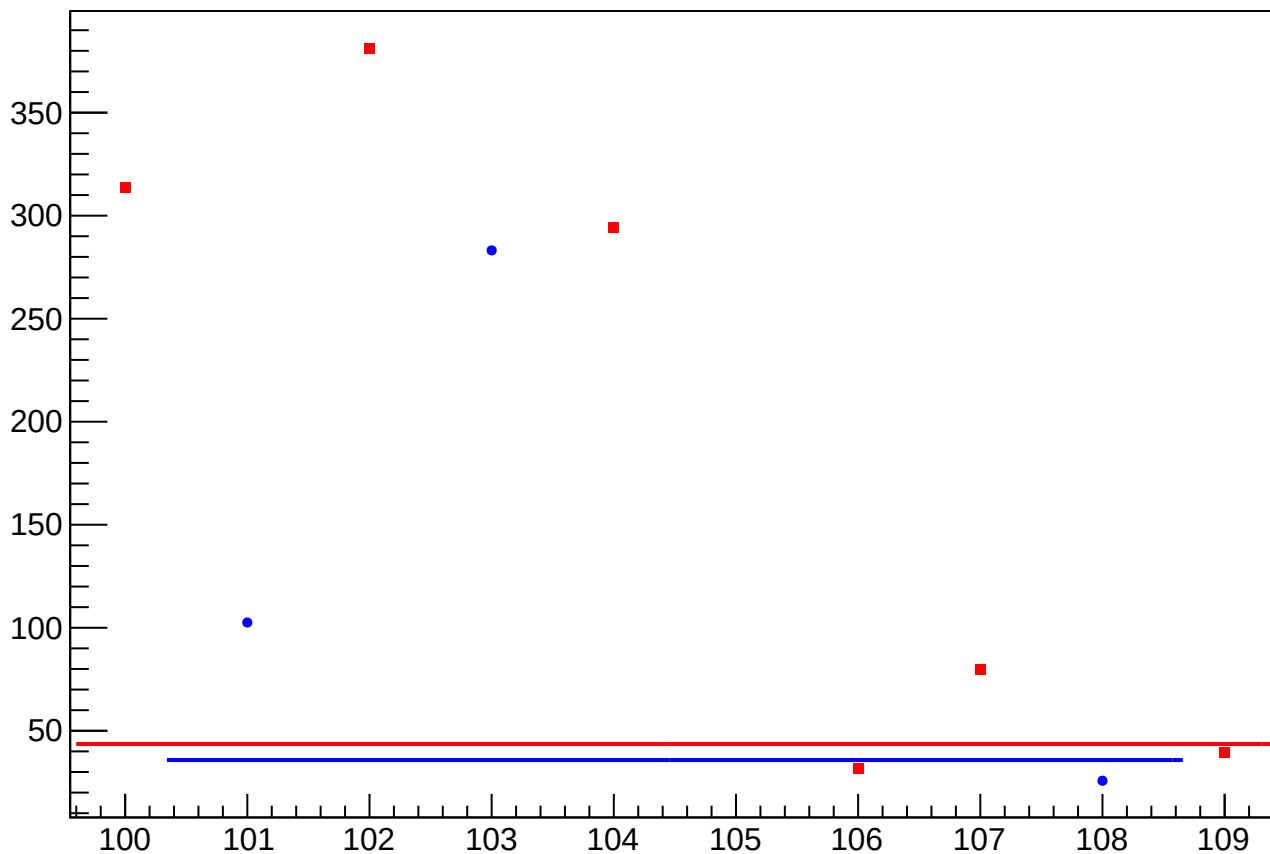
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 35.797 $\pm$ 0.029 χ^2 /NDF: 1489013.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.589 $\pm$ 0.030 χ^2 /NDF: 1561720.9/5

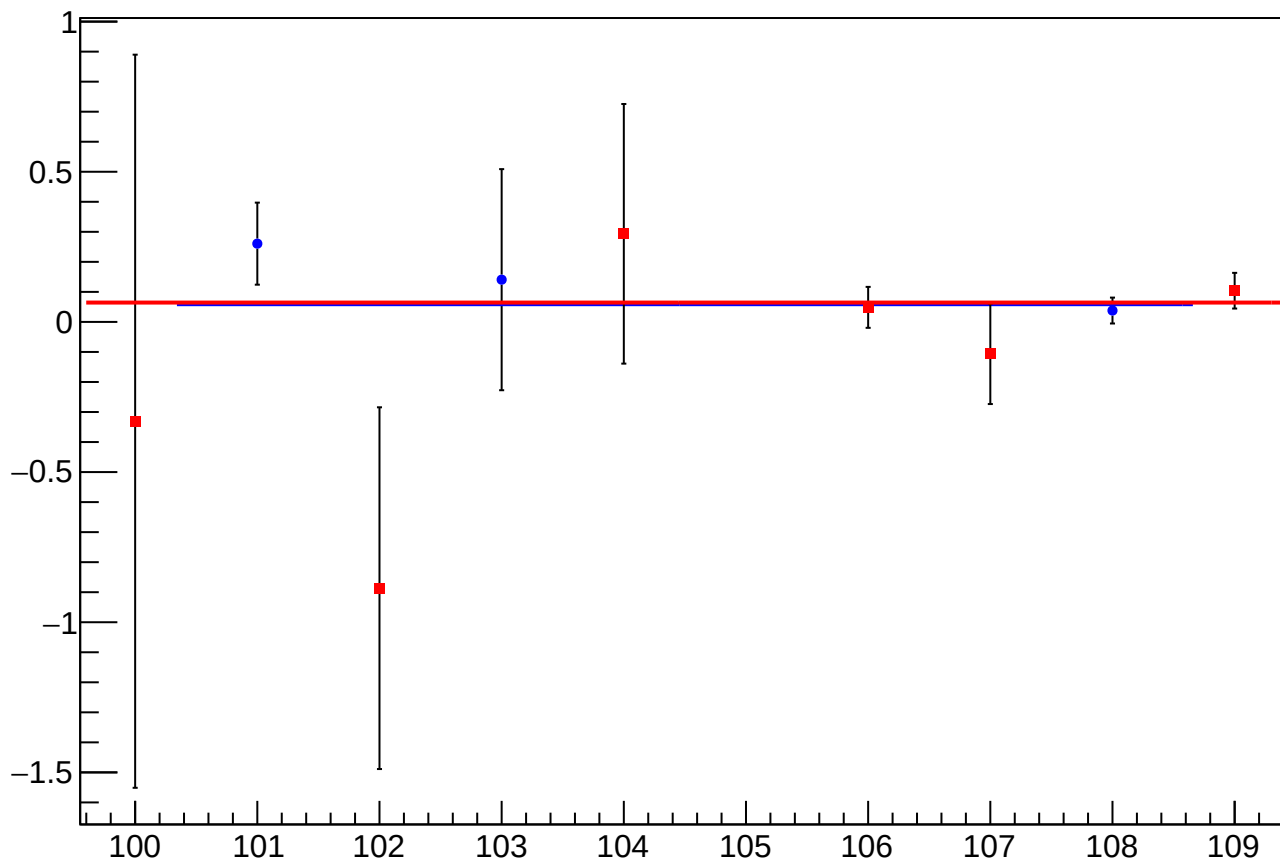
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.502 $\pm$ 0.021 χ^2 /NDF: 3085319.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

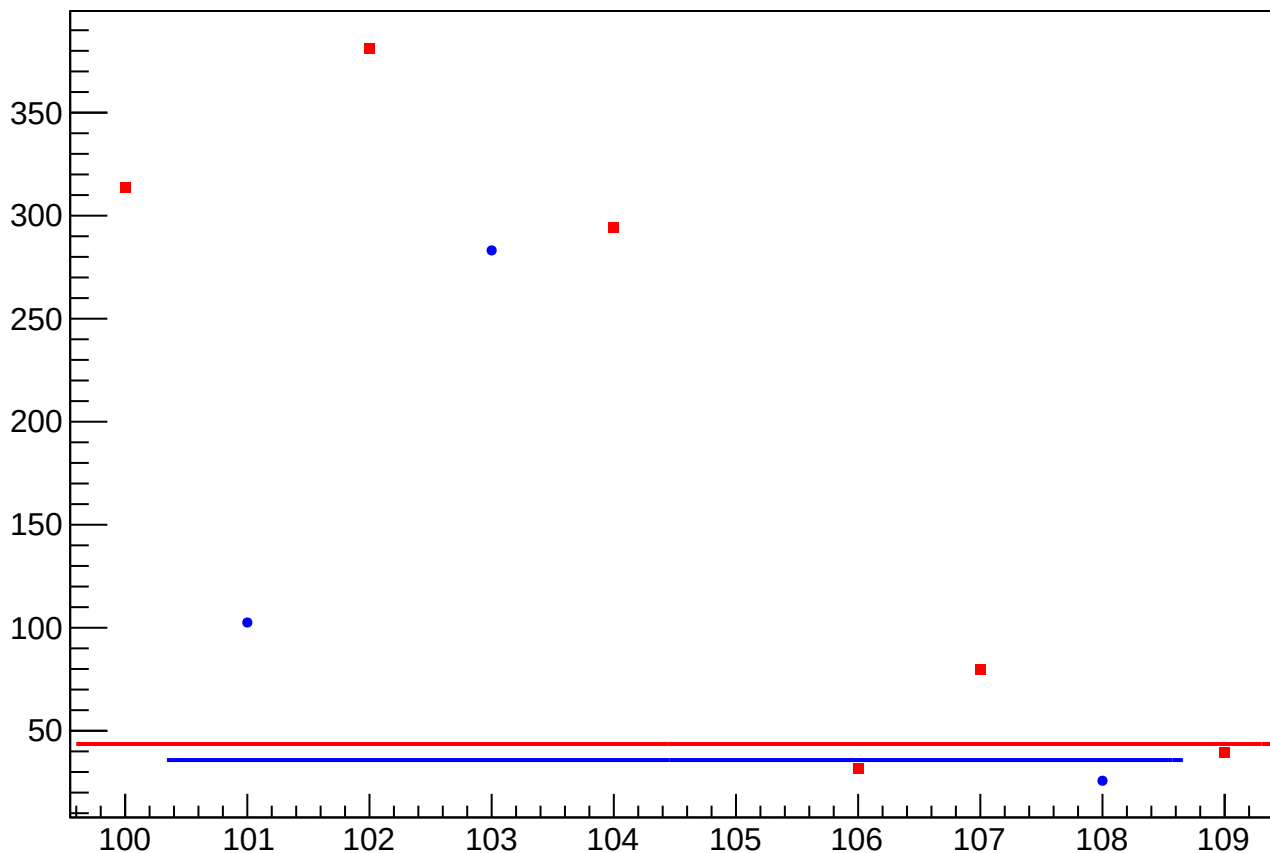
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.797 $\pm$ 0.029 χ^2 /NDF: 1489013.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.589 $\pm$ 0.030 χ^2 /NDF: 1561720.9/5

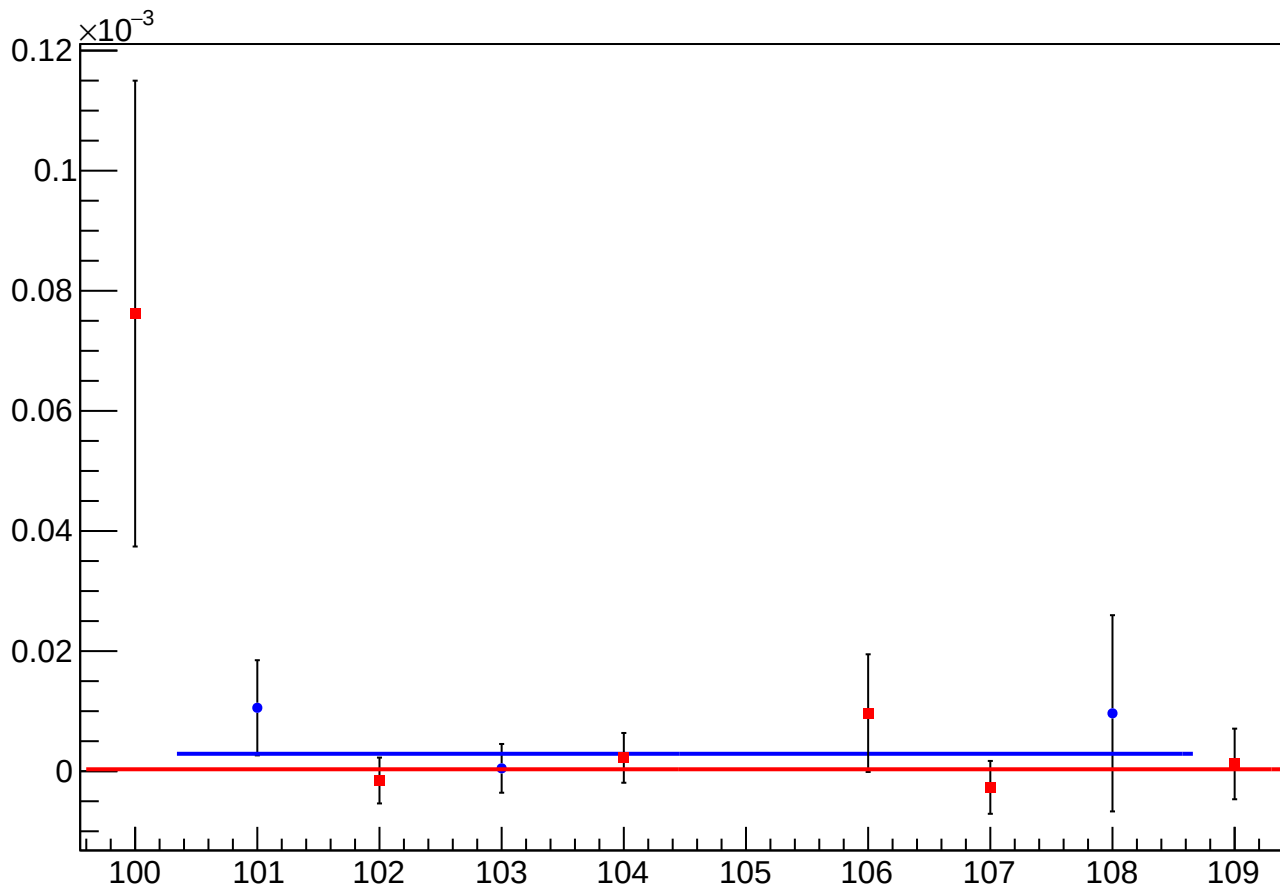
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.502 $\pm$ 0.021 χ^2 /NDF: 3085319.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 5.7/5

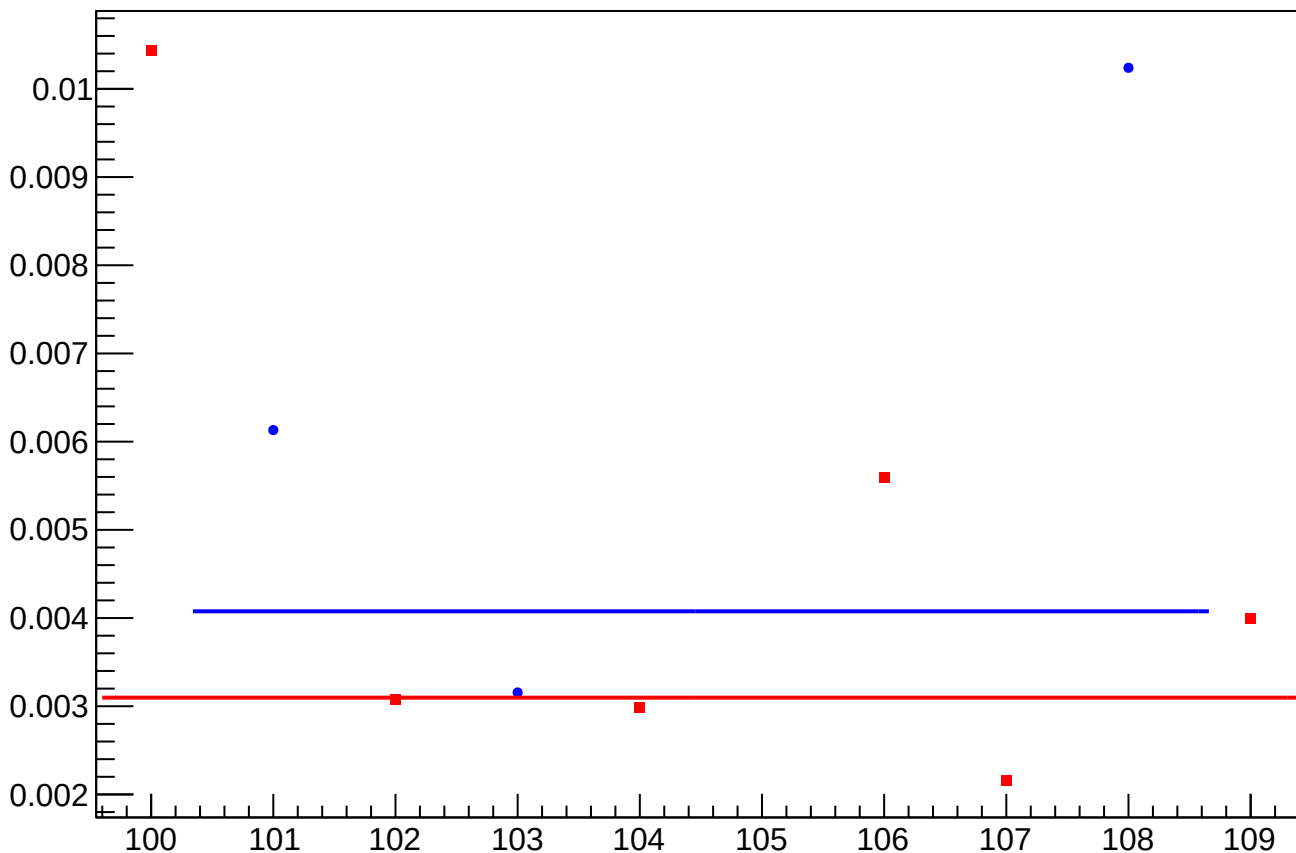
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 521789.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 340863.9/5

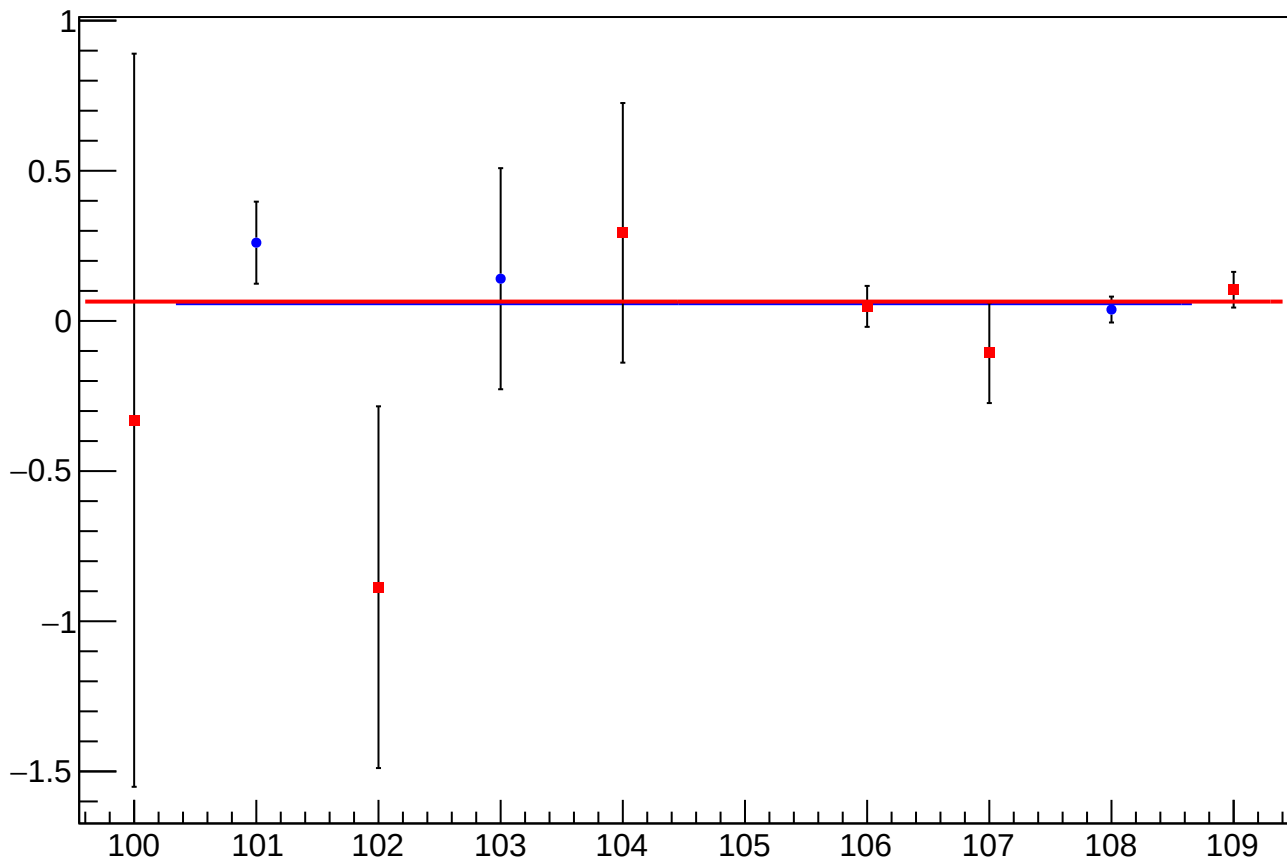
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 975263.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

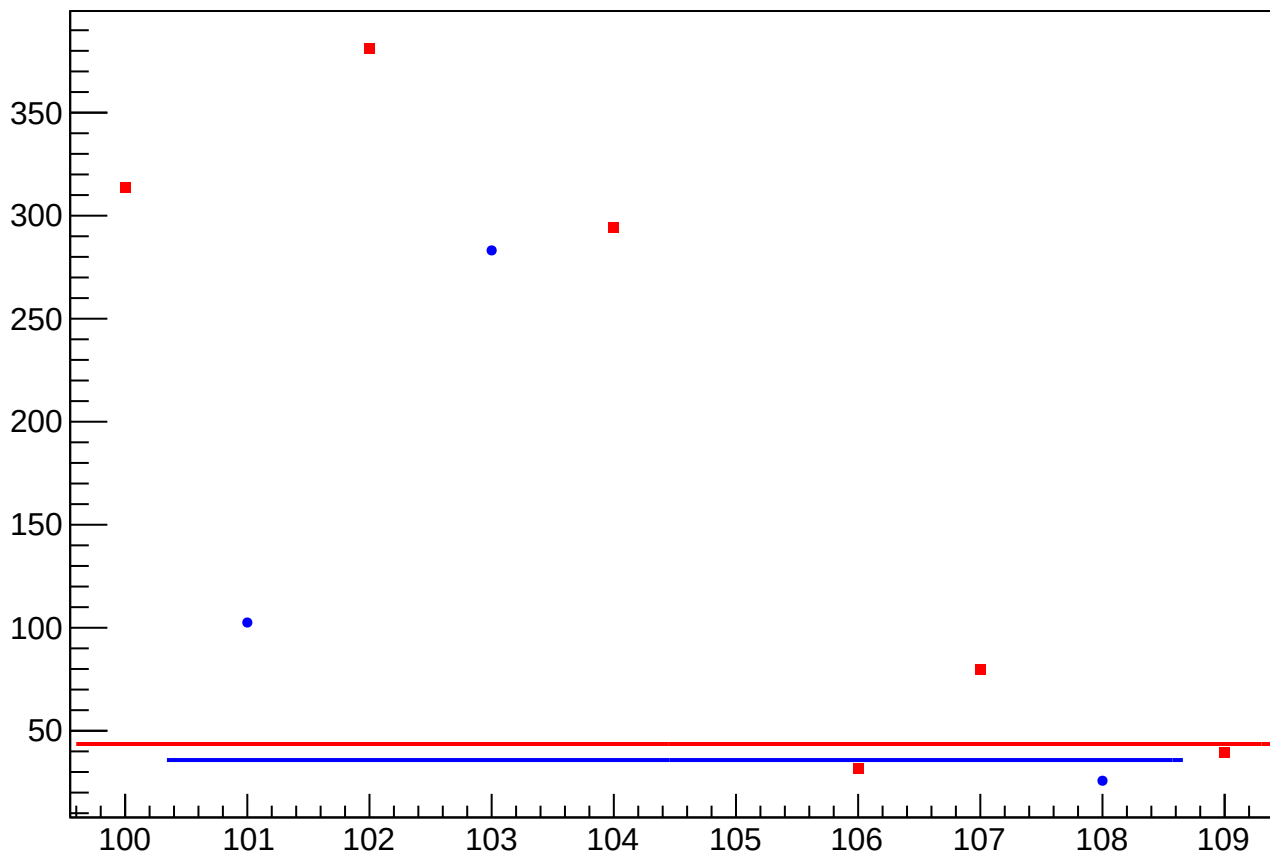
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 35.802 $\pm$ 0.029 χ^2 /NDF: 1488932.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.590 $\pm$ 0.030 χ^2 /NDF: 1561704.0/5

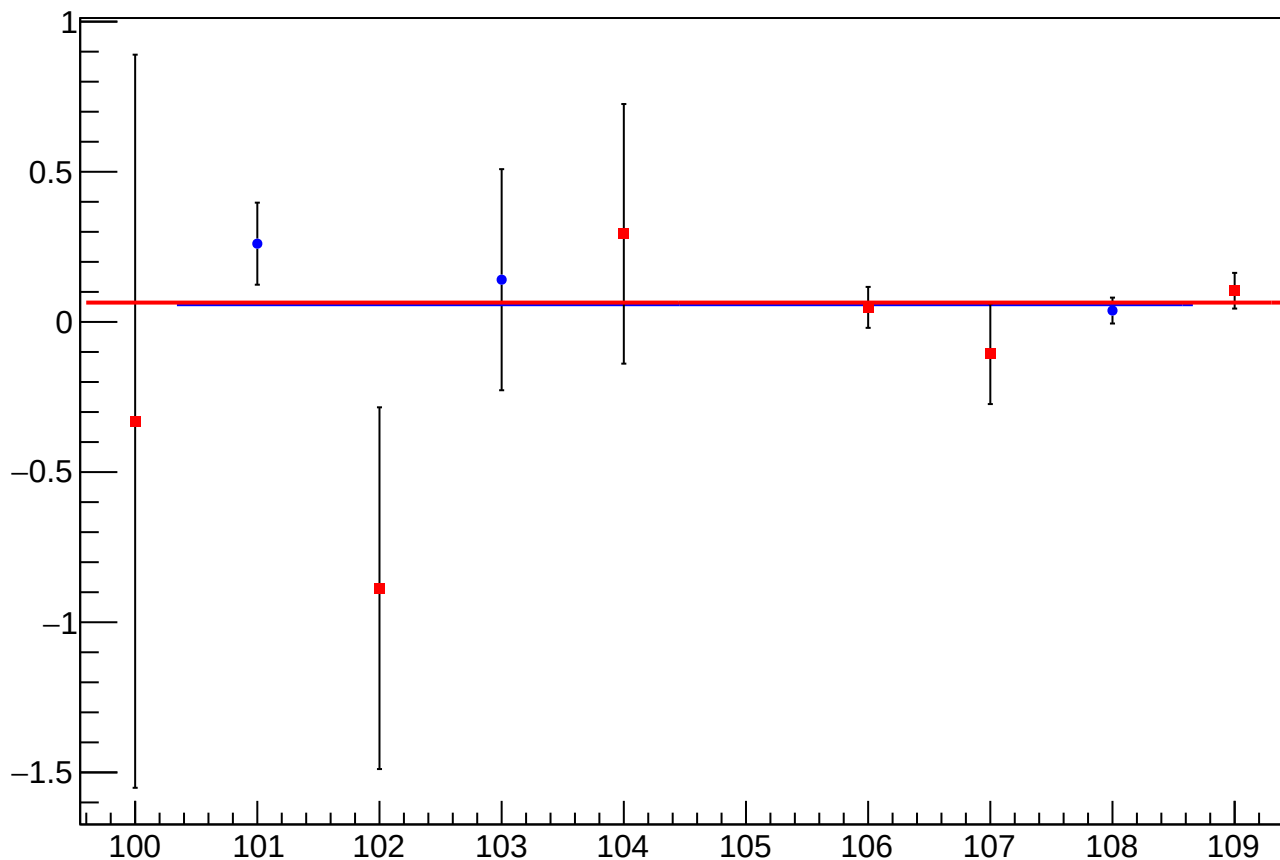
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.505 $\pm$ 0.021 χ^2 /NDF: 3085183.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.059 $\pm$ 0.041 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.064 $\pm$ 0.043 χ^2 /NDF: 4.4/5

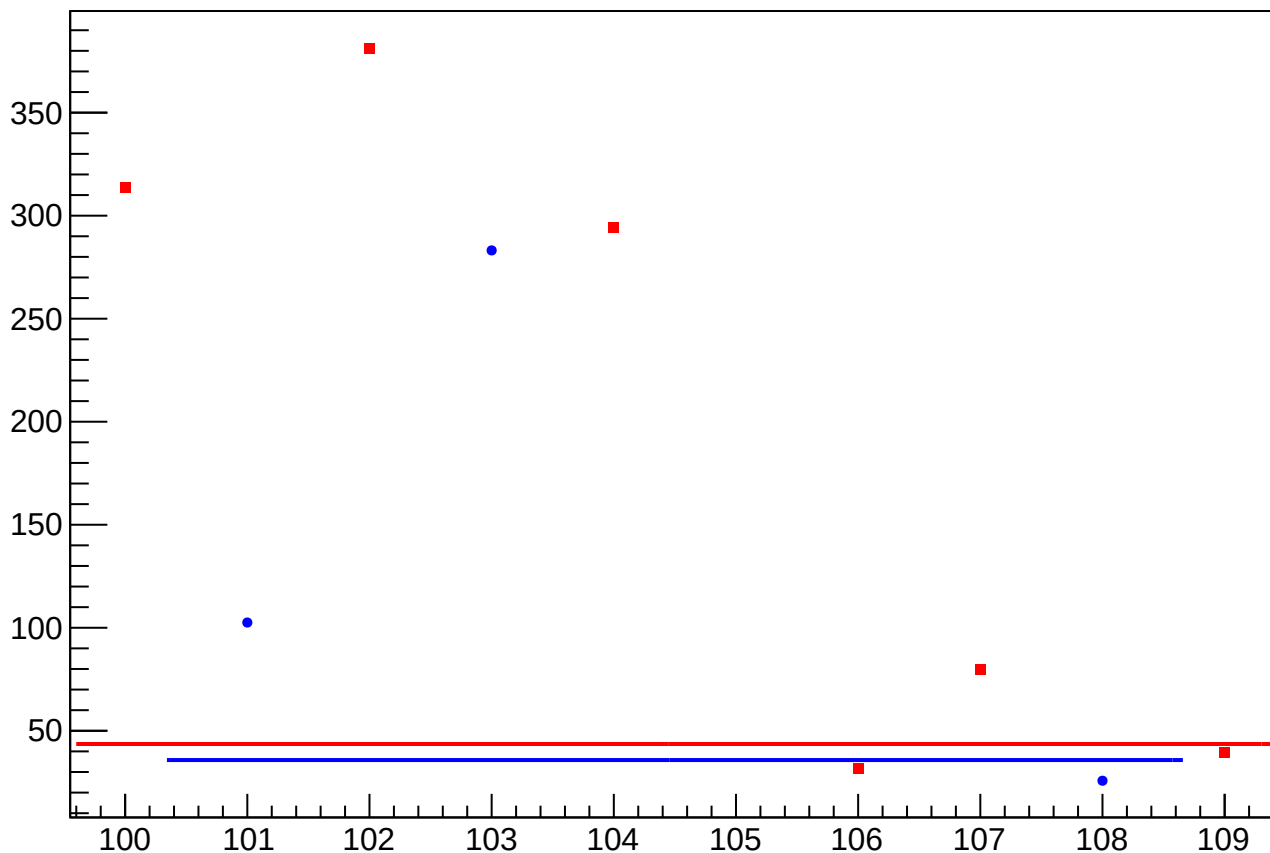
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.030 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.802 $\pm$ 0.029 χ^2 /NDF: 1488932.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.590 $\pm$ 0.030 χ^2 /NDF: 1561704.0/5

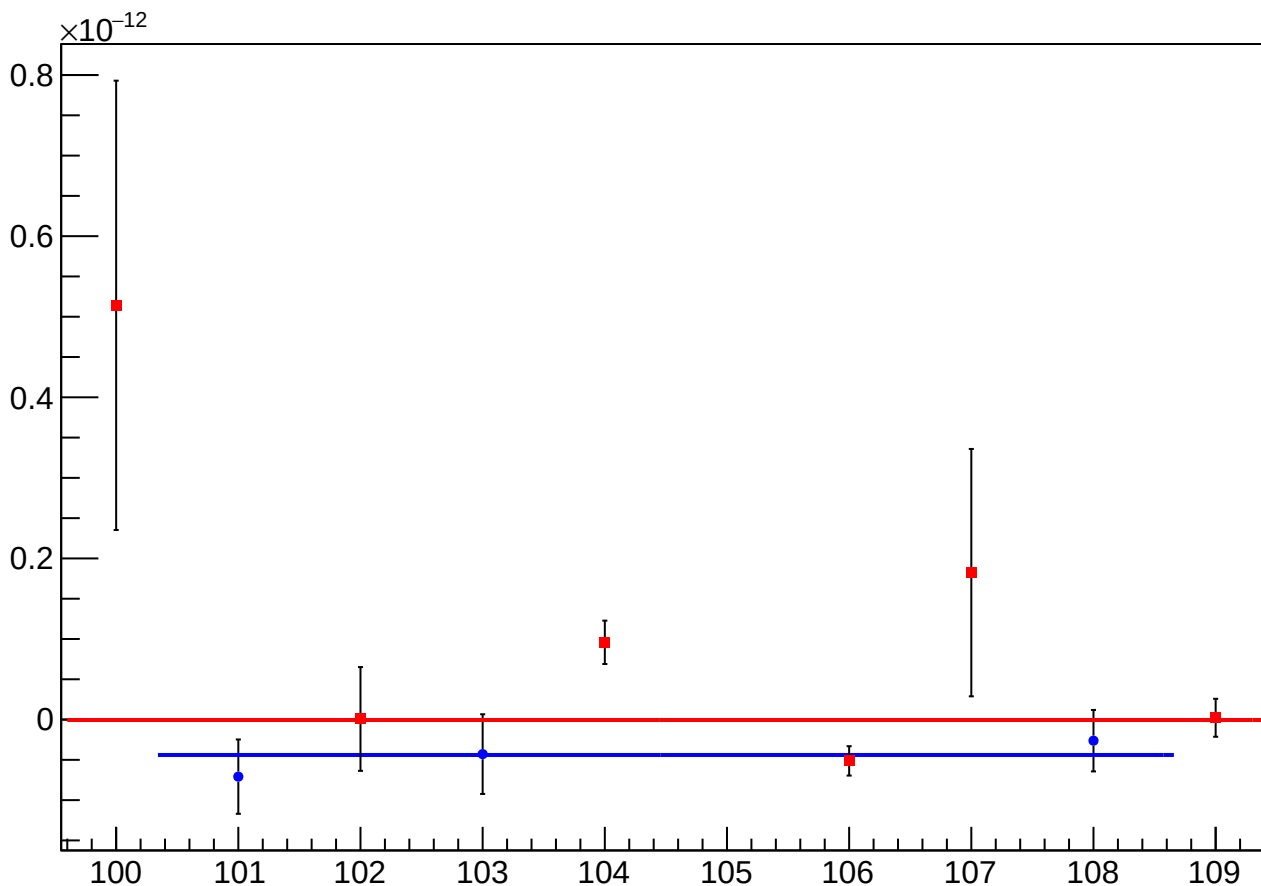
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.505 $\pm$ 0.021 χ^2 /NDF: 3085183.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.4/5

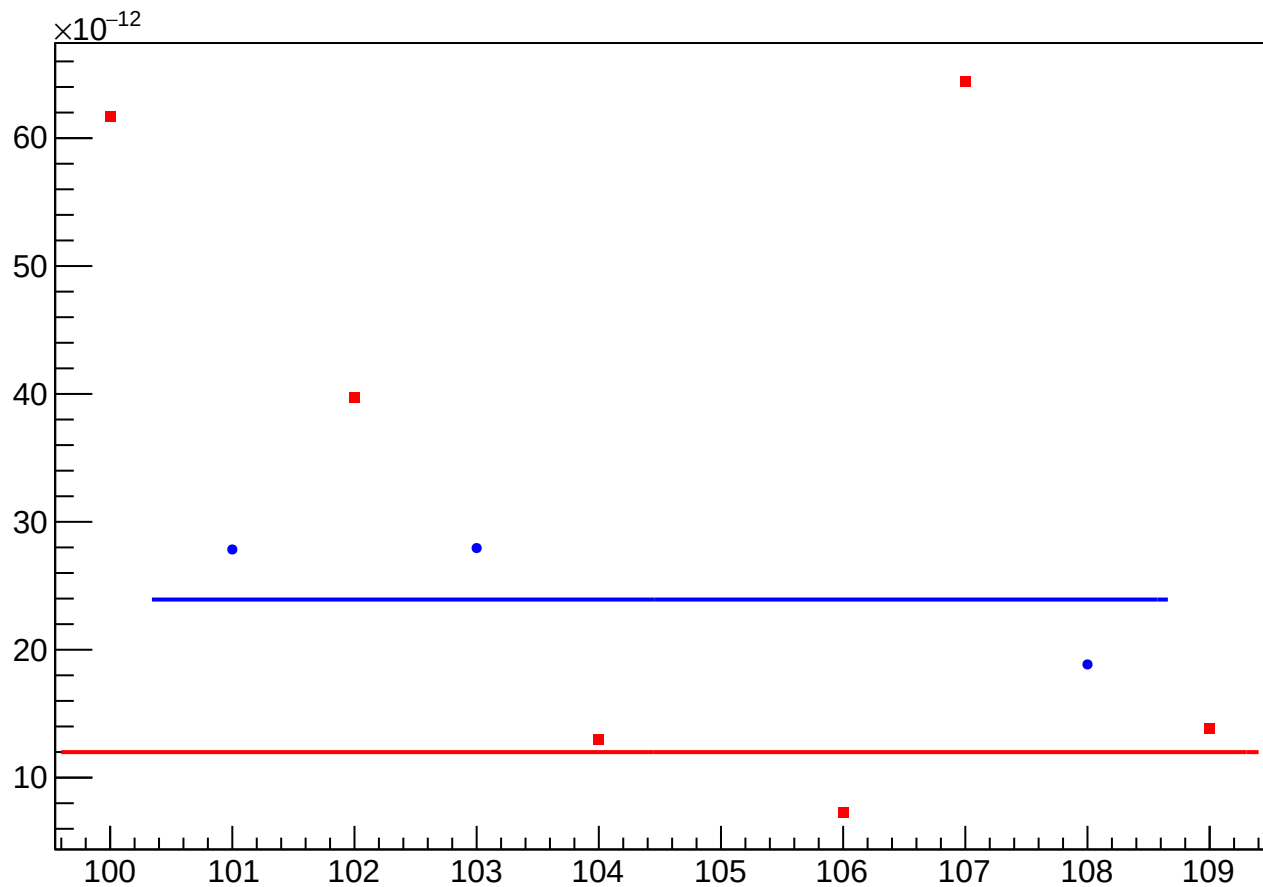
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 63037.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 818217.7/5

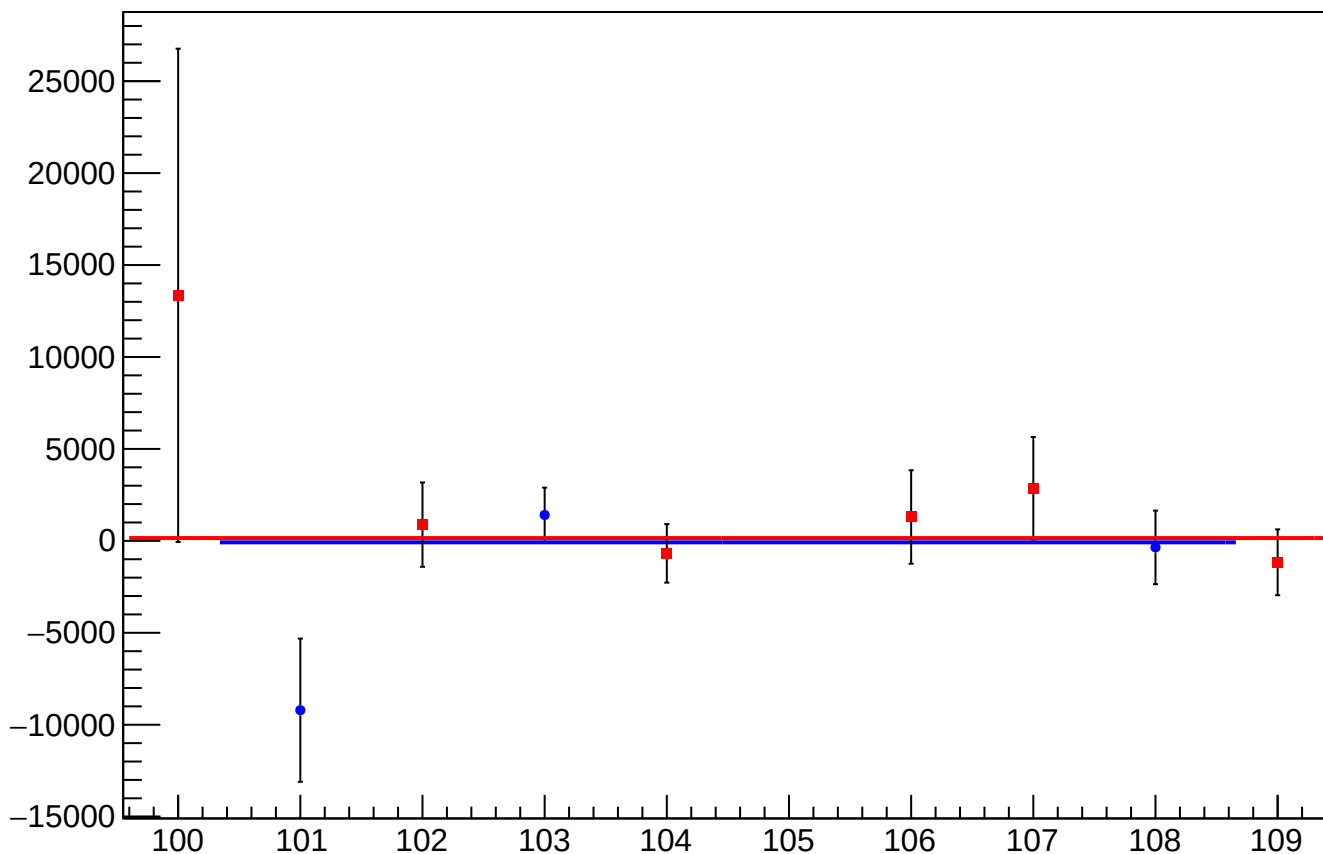
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1240392.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: -80.507 ± 1142.288 χ^2/NDF : 6.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 152.441 ± 918.541 χ^2/NDF : 3.0/5

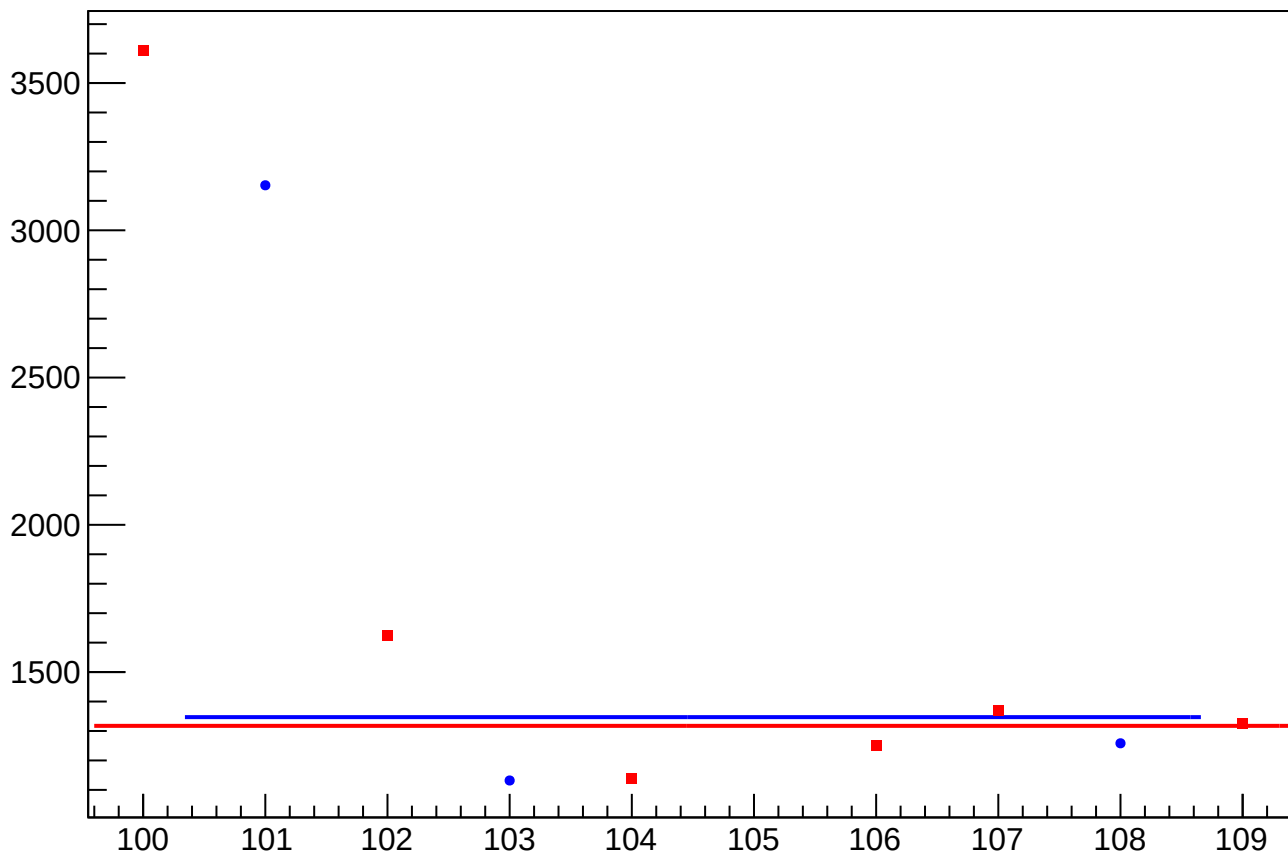
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 60.964 ± 715.818 χ^2/NDF : 9.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1347.039 $\pm$ 0.808 χ^2 /NDF: 475984.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1317.432 $\pm$ 0.649 χ^2 /NDF: 121041.6/5

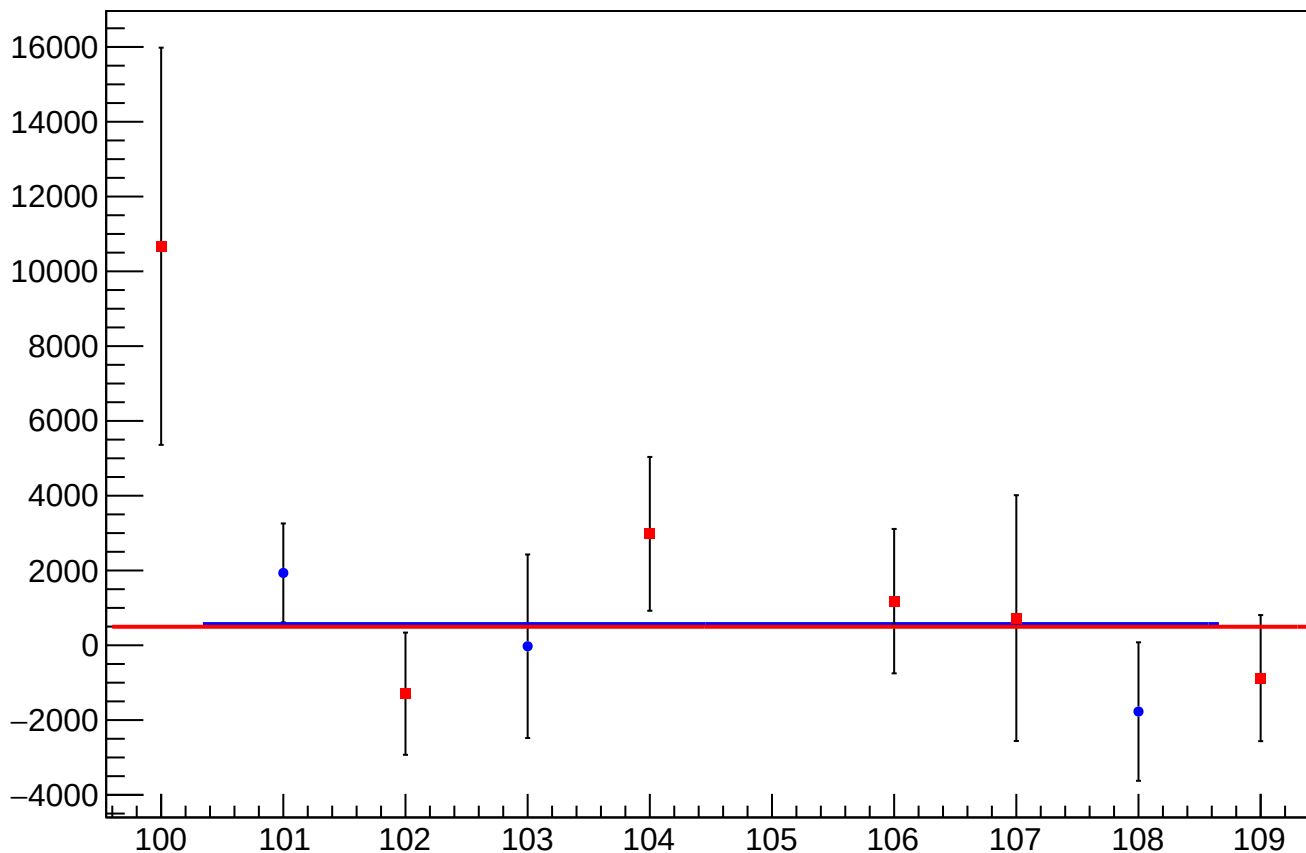
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1329.058 $\pm$ 0.506 χ^2 /NDF: 597842.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug



Right In: 566.989+/-986.038 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.302+/-857.907 χ^2/NDF : 7.1/5

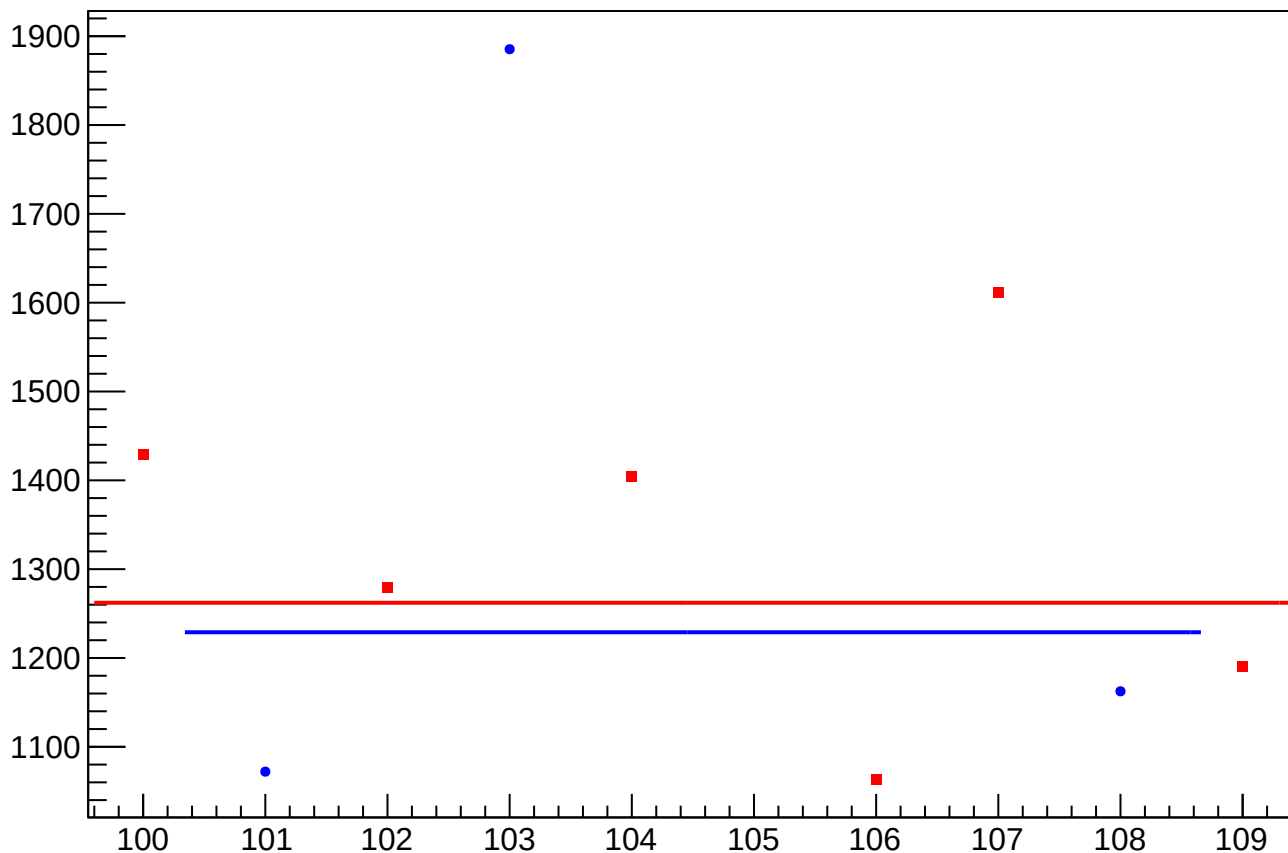
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 526.188+/-647.224 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug



Right In: 1228.967 $\pm$ 0.697 χ^2 /NDF: 173716.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1262.169 $\pm$ 0.607 χ^2 /NDF: 59198.9/5

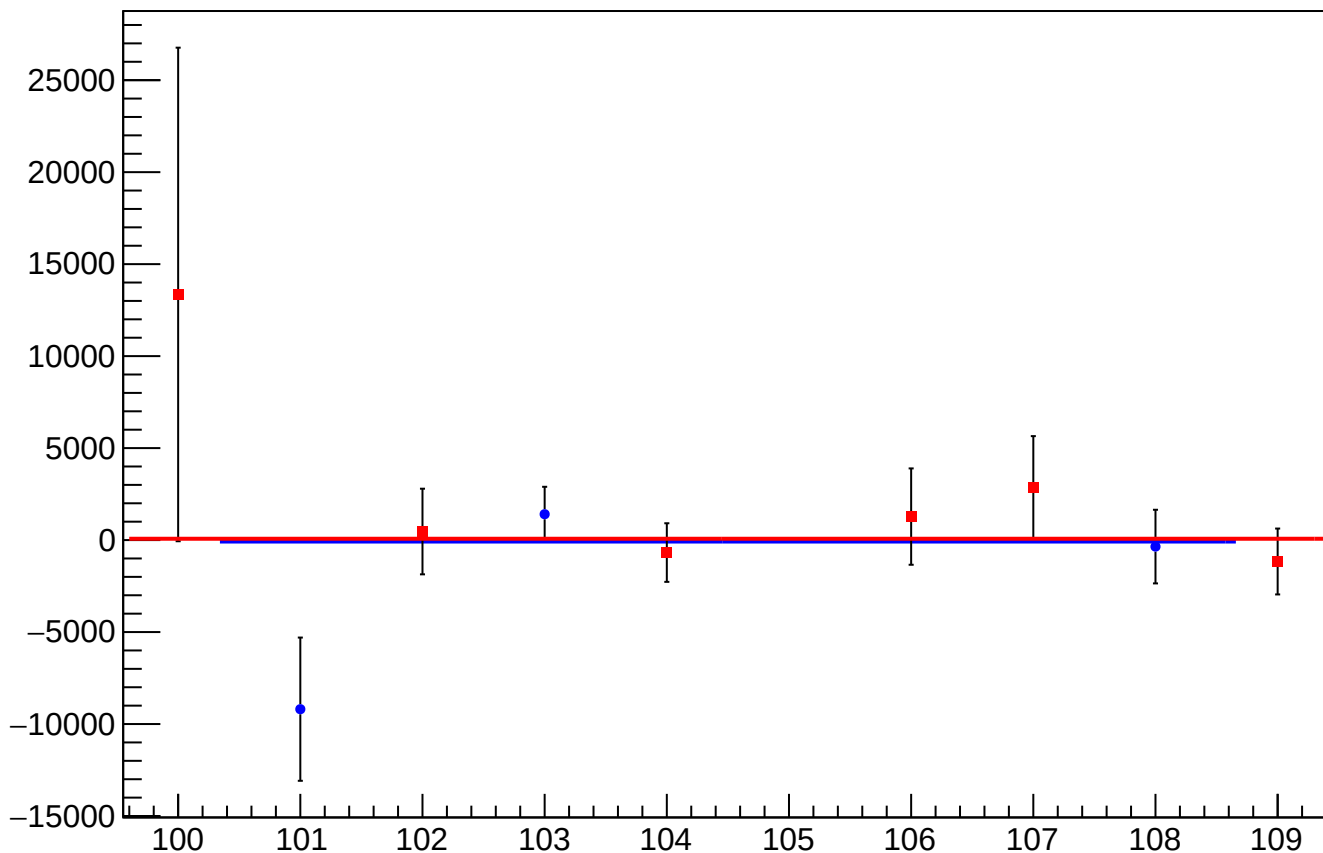
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1247.864 $\pm$ 0.458 χ^2 /NDF: 234206.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: -79.009 $\pm$ 1142.289 χ^2 /NDF: 6.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.852 $\pm$ 924.289 χ^2 /NDF: 2.9/5

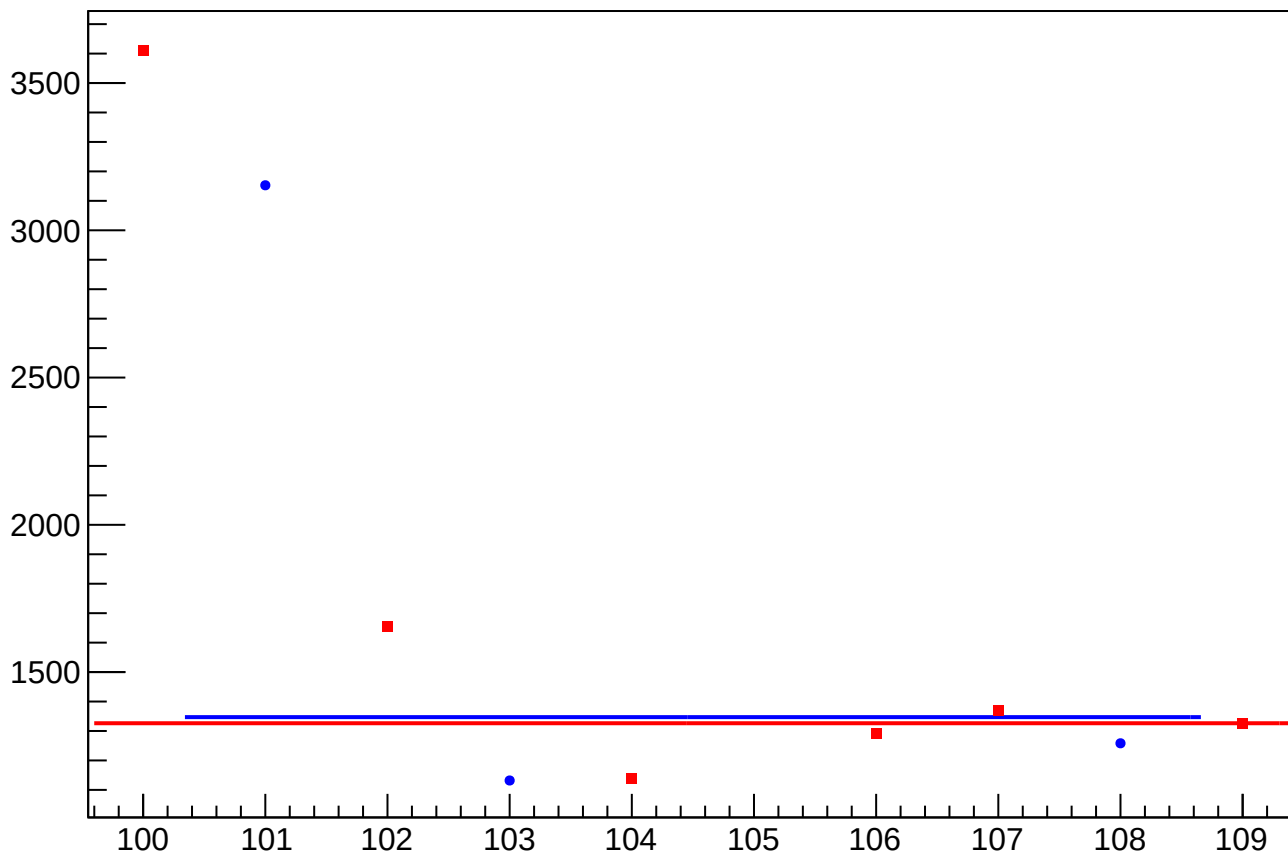
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.161 $\pm$ 718.529 χ^2 /NDF: 9.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1347.038 $\pm$ 0.808 χ^2 /NDF: 475986.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1326.314 $\pm$ 0.654 χ^2 /NDF: 126136.0/5

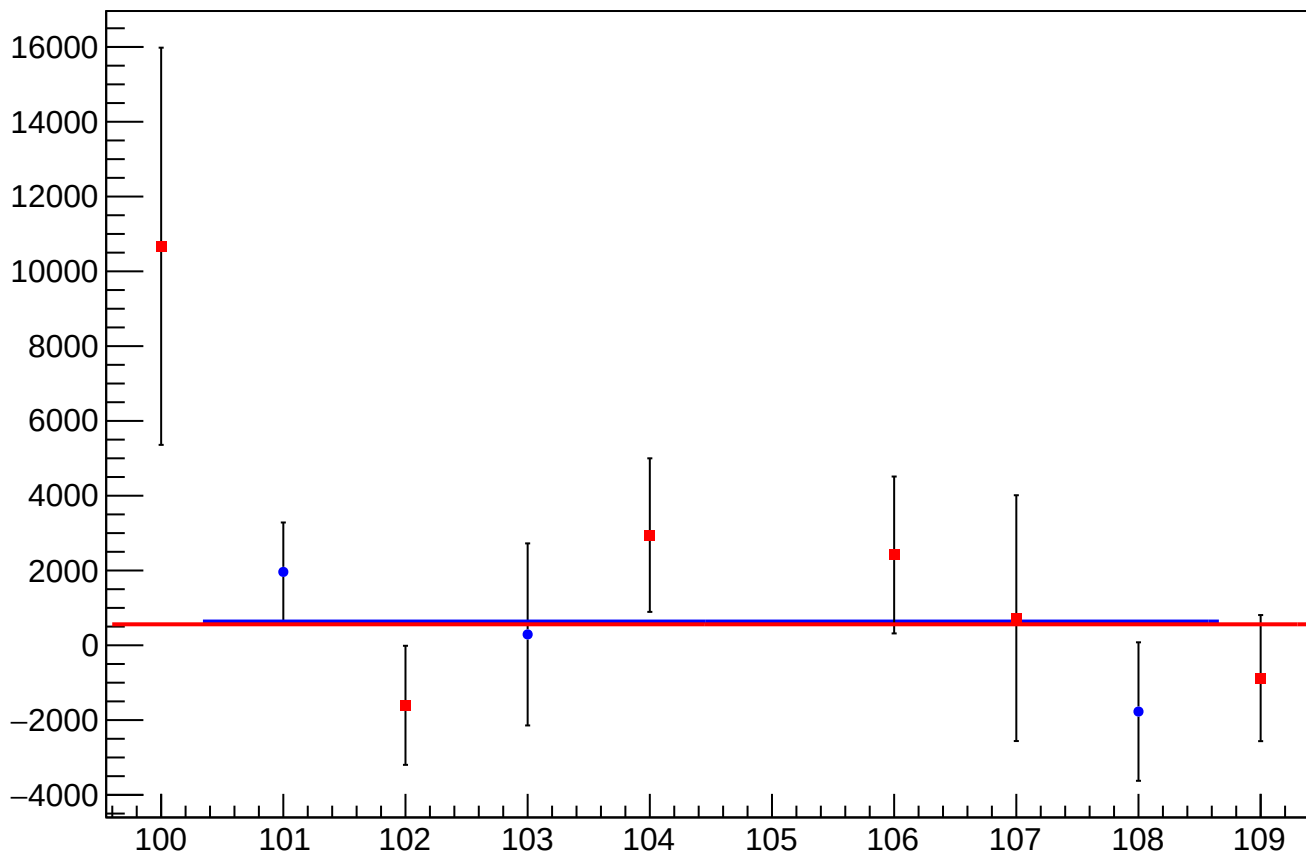
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1334.513 $\pm$ 0.508 χ^2 /NDF: 602520.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.279+/-864.289 χ^2/NDF : 8.3/5

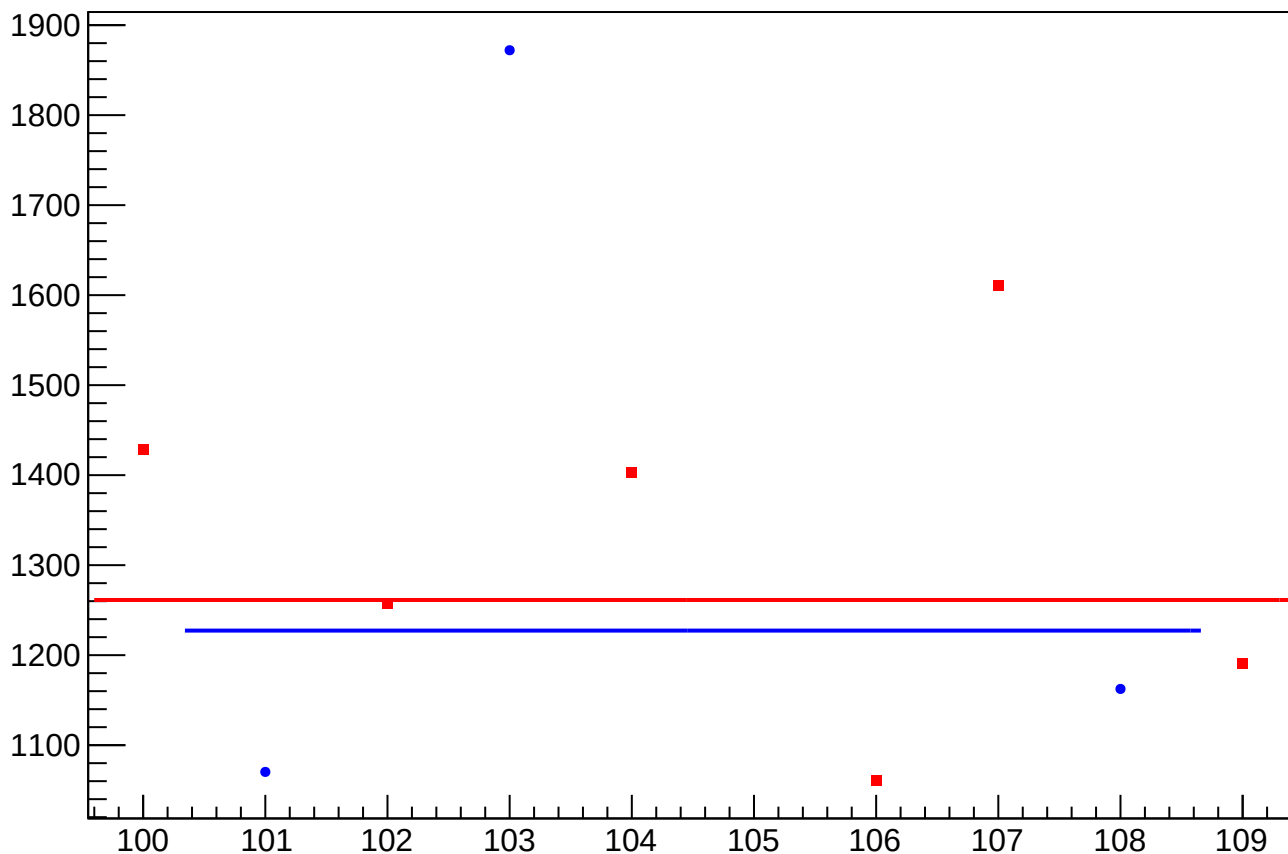
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.367+/-649.325 χ^2/NDF : 11.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

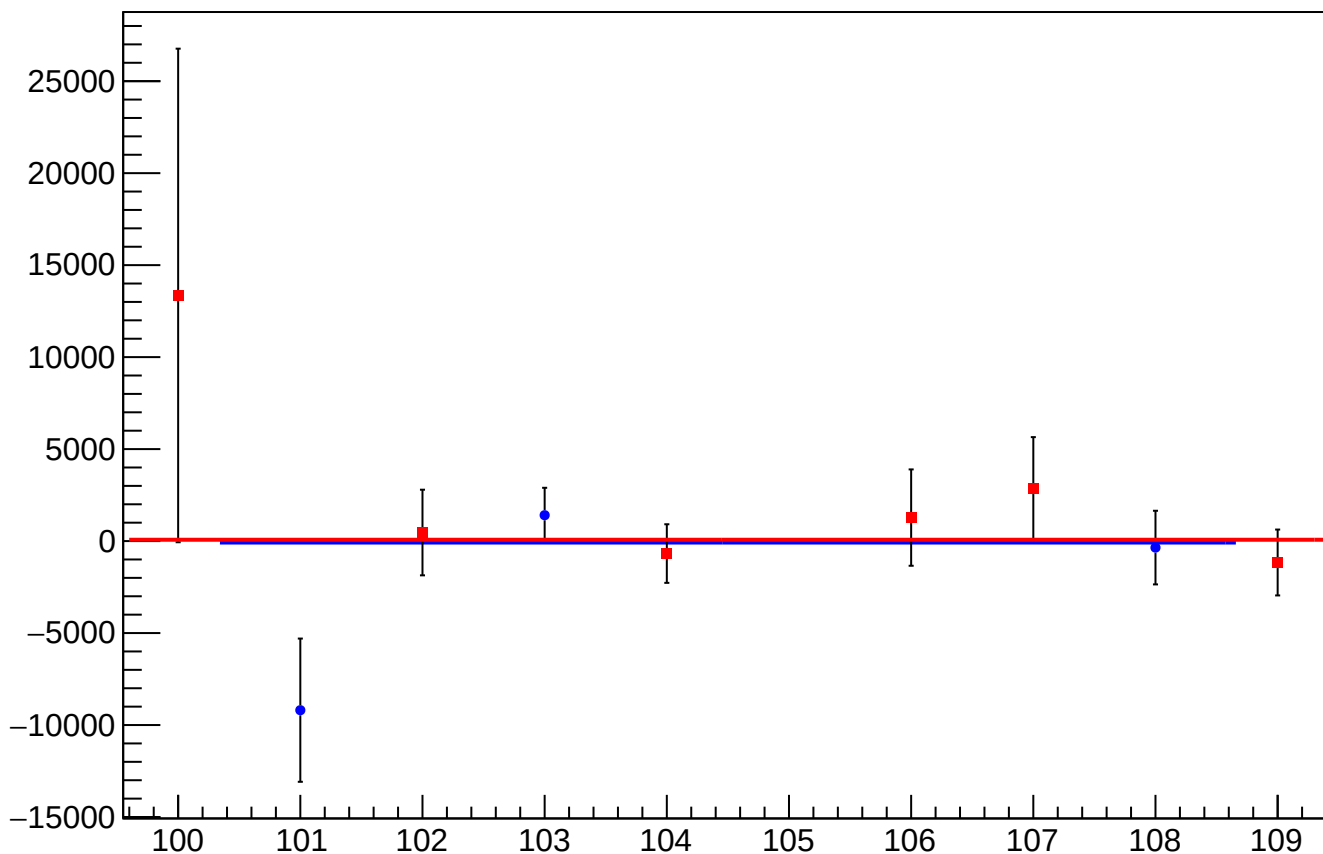
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.492+/-0.459 χ^2/NDF : 228365.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: -79.009 ± 1142.289 χ^2/NDF : 6.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 71.852 ± 924.289 χ^2/NDF : 2.9/5

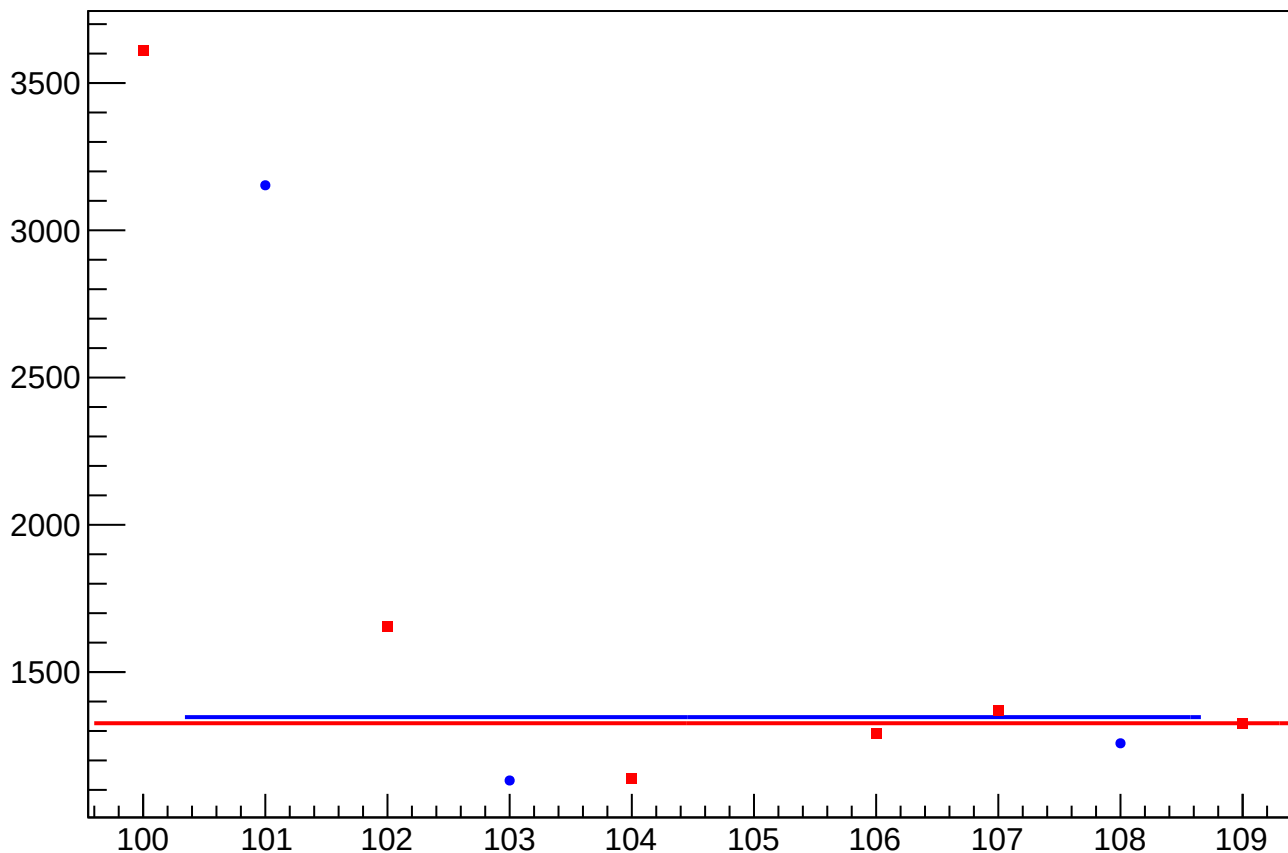
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.161 ± 718.529 χ^2/NDF : 9.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1347.038 $\pm$ 0.808 χ^2 /NDF: 475986.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1326.314 $\pm$ 0.654 χ^2 /NDF: 126136.0/5

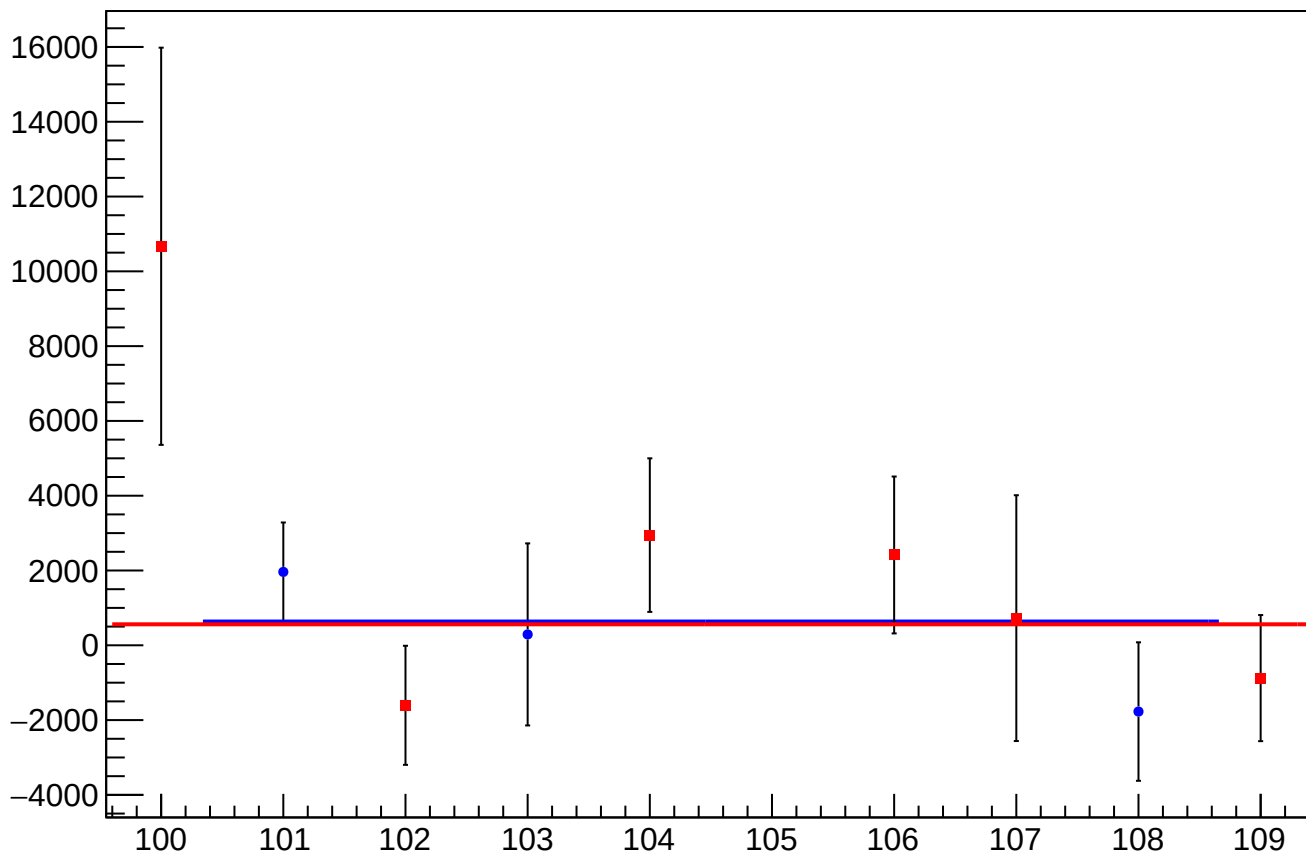
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1334.513 $\pm$ 0.508 χ^2 /NDF: 602520.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 634.948+/-983.854 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.279+/-864.289 χ^2/NDF : 8.3/5

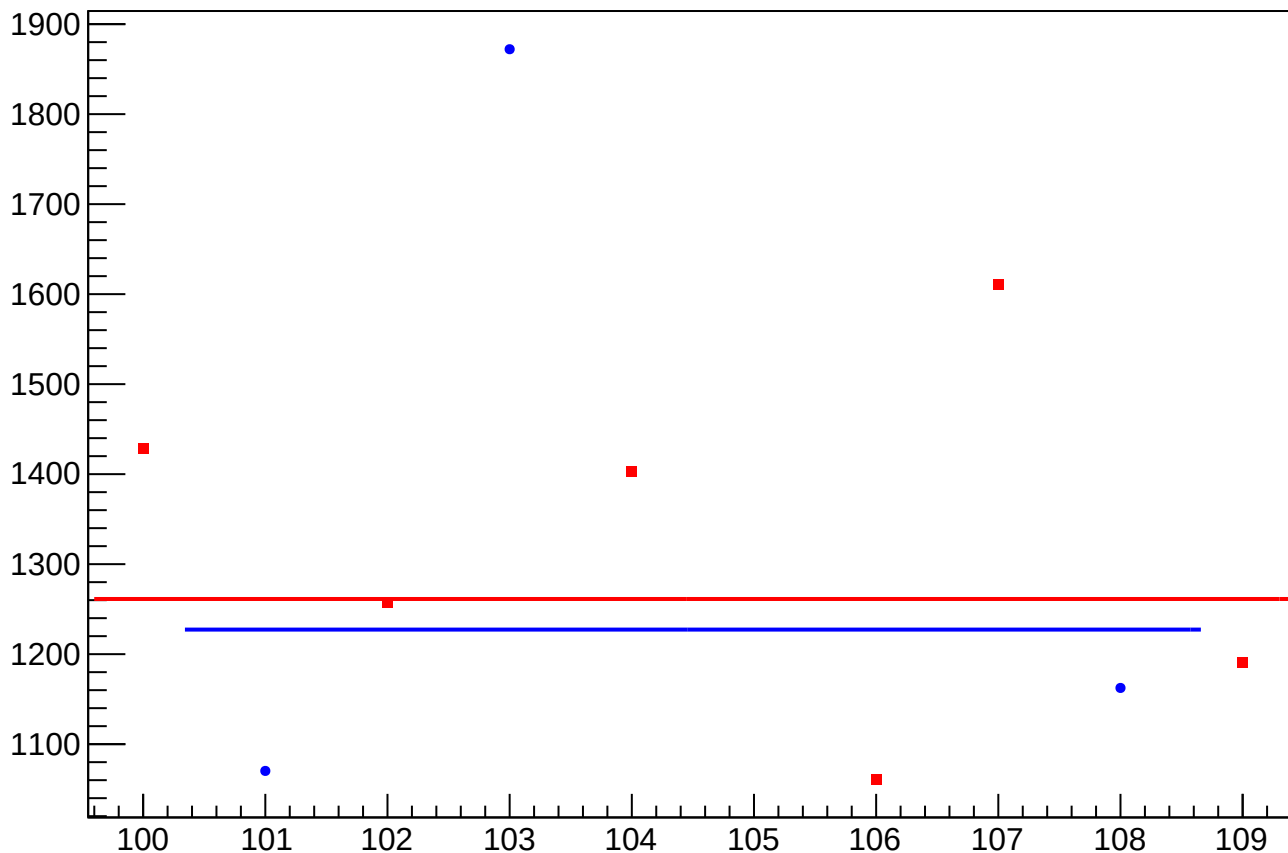
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.367+/-649.325 χ^2/NDF : 11.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1227.299+/-0.696 χ^2/NDF : 171033.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1261.304+/-0.611 χ^2/NDF : 55983.4/5

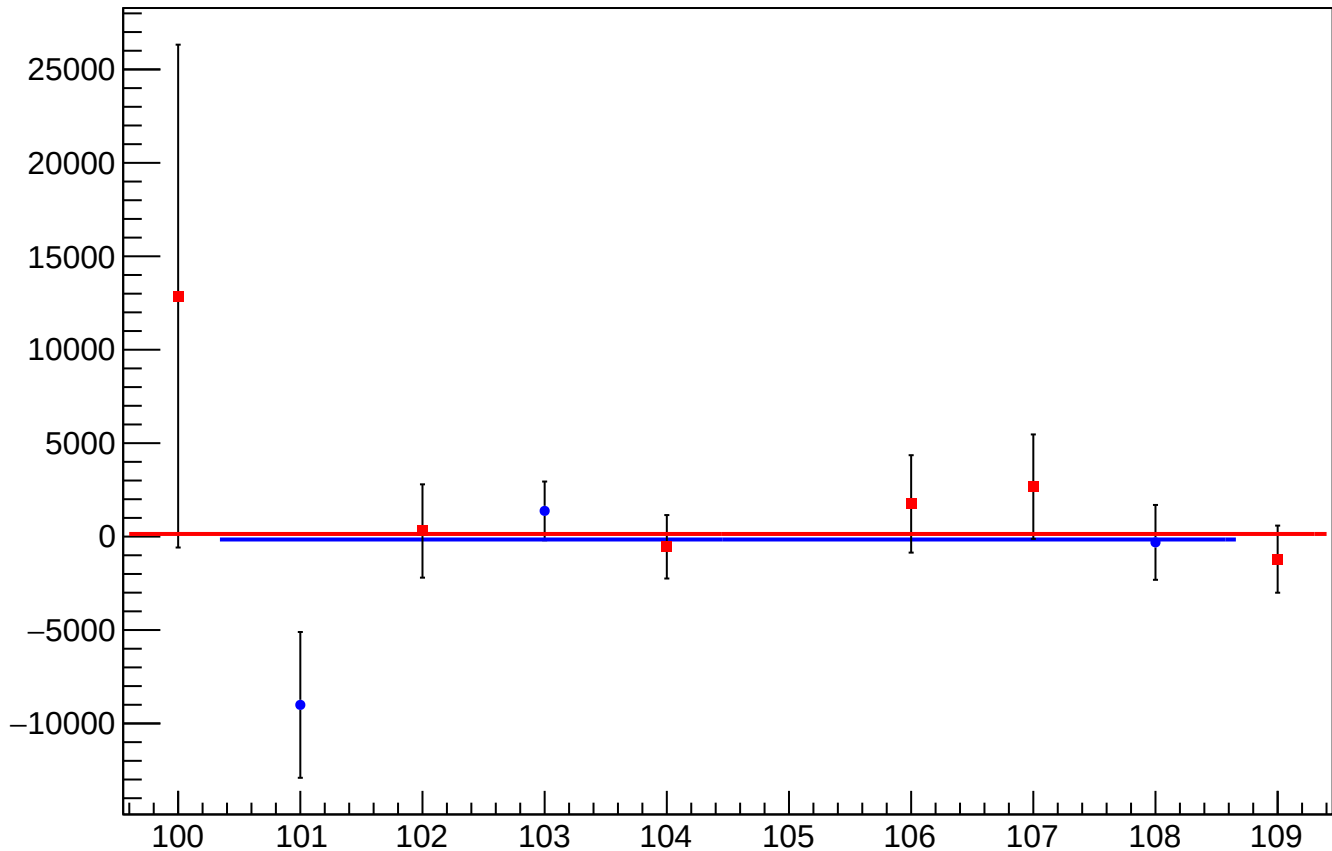
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.492+/-0.459 χ^2/NDF : 228365.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: -155.334 $\pm$ 1178.516 χ^2 /NDF: 6.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 141.036 $\pm$ 954.312 χ^2 /NDF: 2.8/5

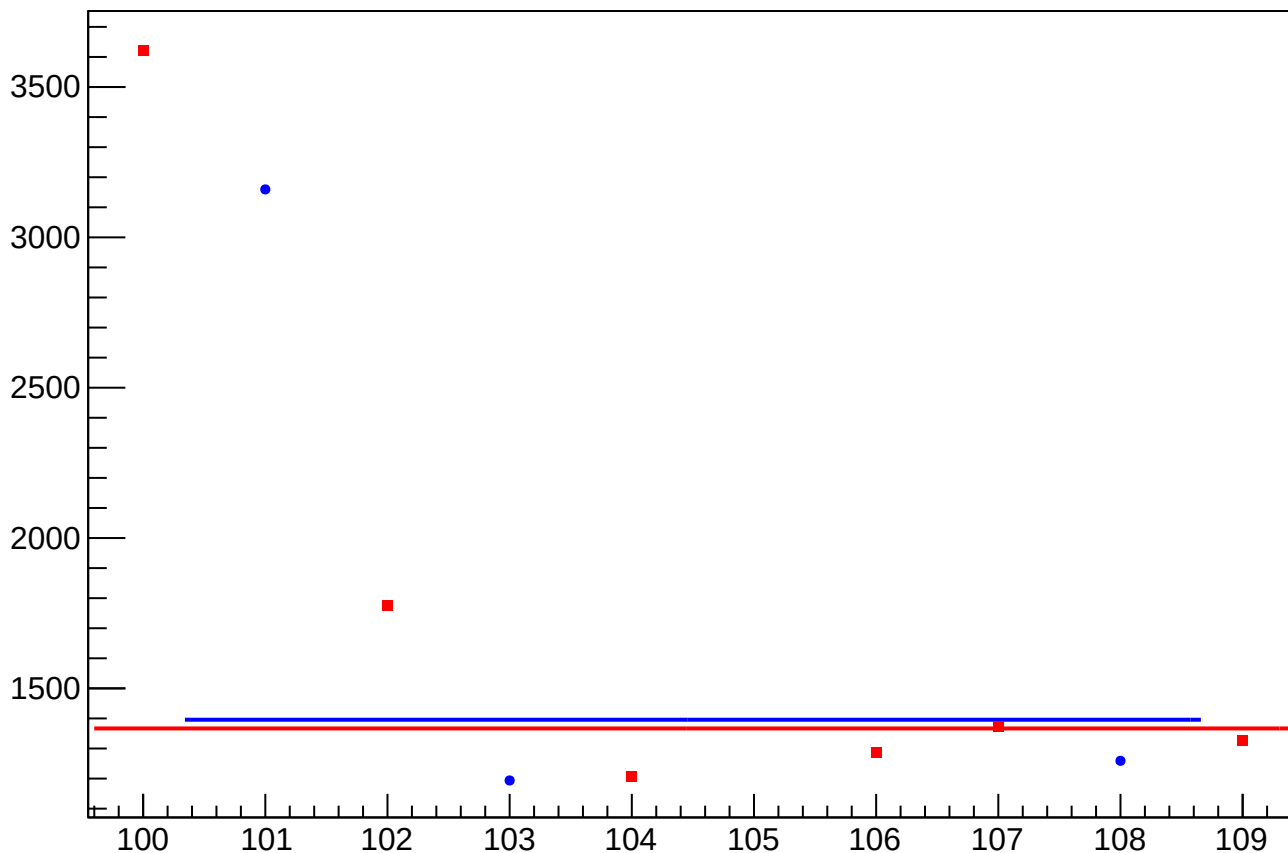
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.665 $\pm$ 741.649 χ^2 /NDF: 9.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1395.724 $\pm$ 0.833 χ^2 /NDF: 451136.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1366.726 $\pm$ 0.675 χ^2 /NDF: 130294.6/5

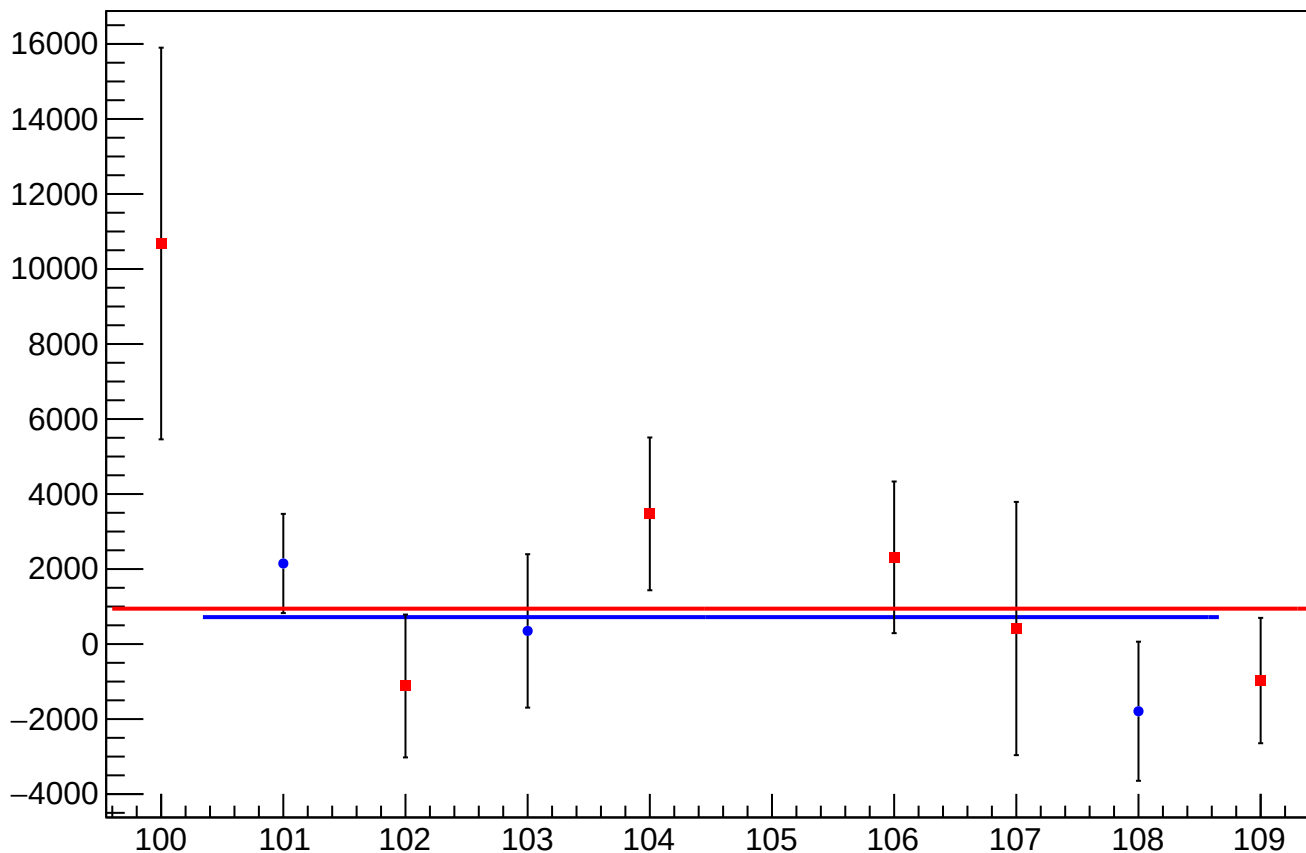
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1378.210 $\pm$ 0.524 χ^2 /NDF: 582162.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug



Right In: 718.415+/-952.825 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.840+/-896.610 χ^2/NDF : 8.0/5

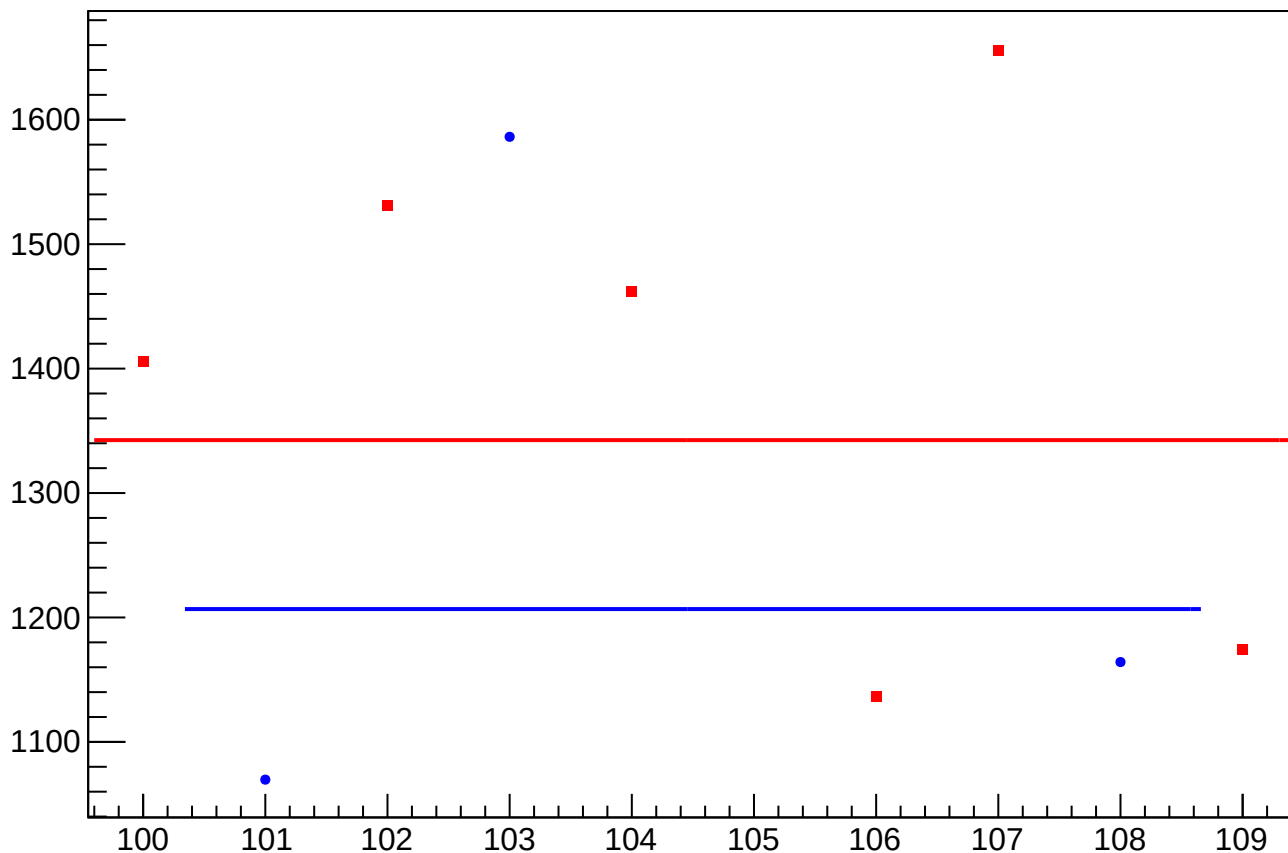
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.973+/-652.968 χ^2/NDF : 11.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug



Right In: 1206.751+/-0.674 χ^2/NDF : 91406.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1342.528+/-0.634 χ^2/NDF : 85089.1/5

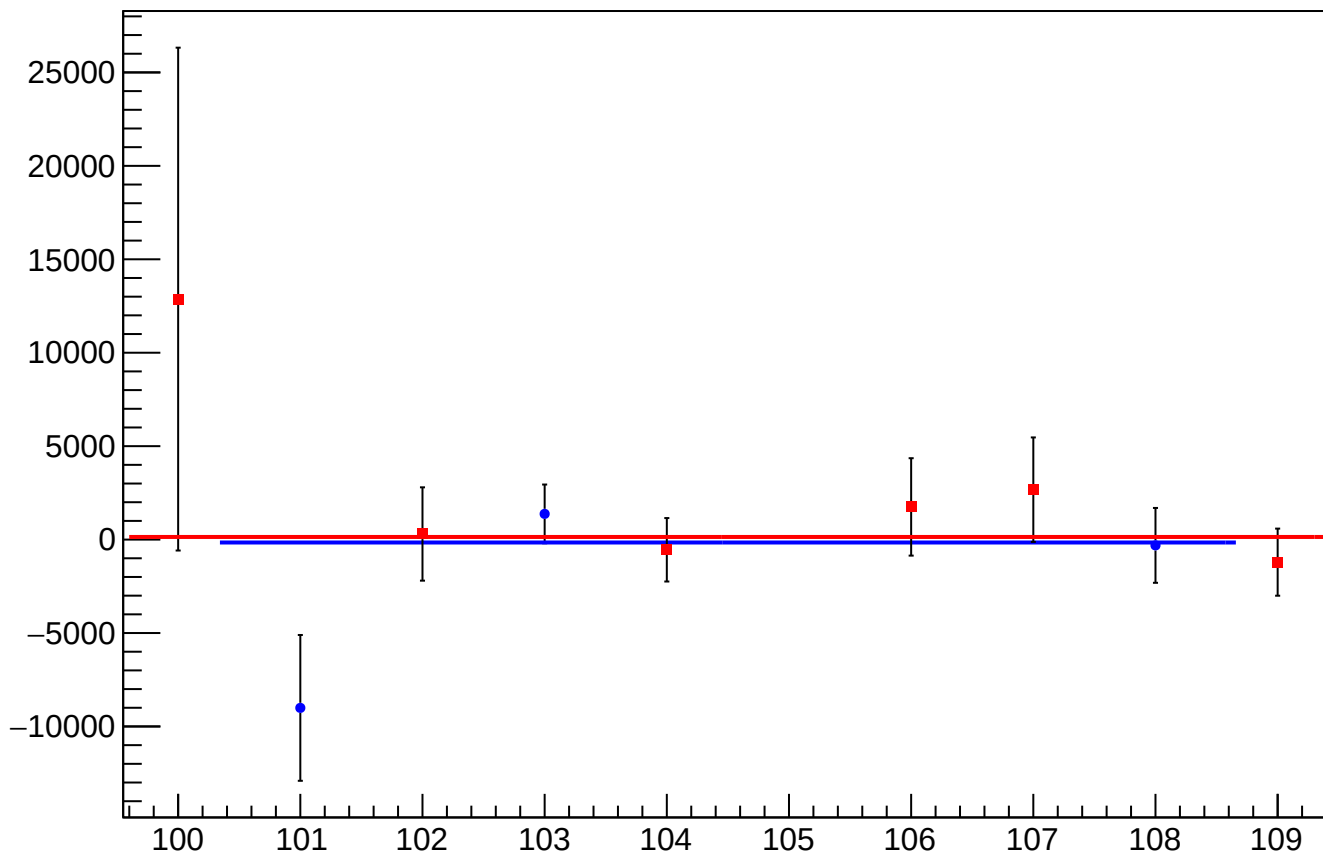
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.762+/-0.462 χ^2/NDF : 198035.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: -155.339+/-1178.516 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.039+/-954.312 χ^2/NDF : 2.8/5

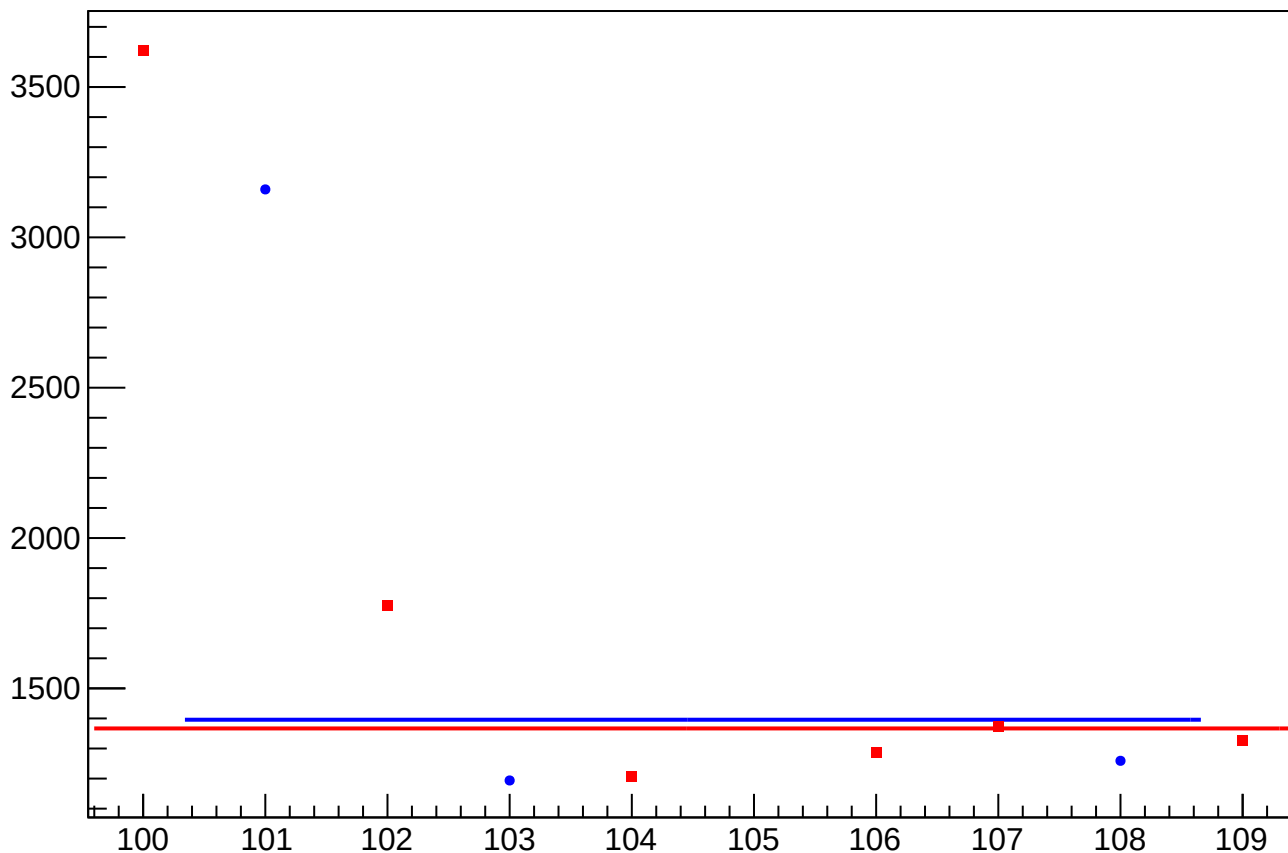
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.665+/-741.649 χ^2/NDF : 9.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1395.723+/-0.833 χ^2/NDF : 451137.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1366.726+/-0.675 χ^2/NDF : 130294.5/5

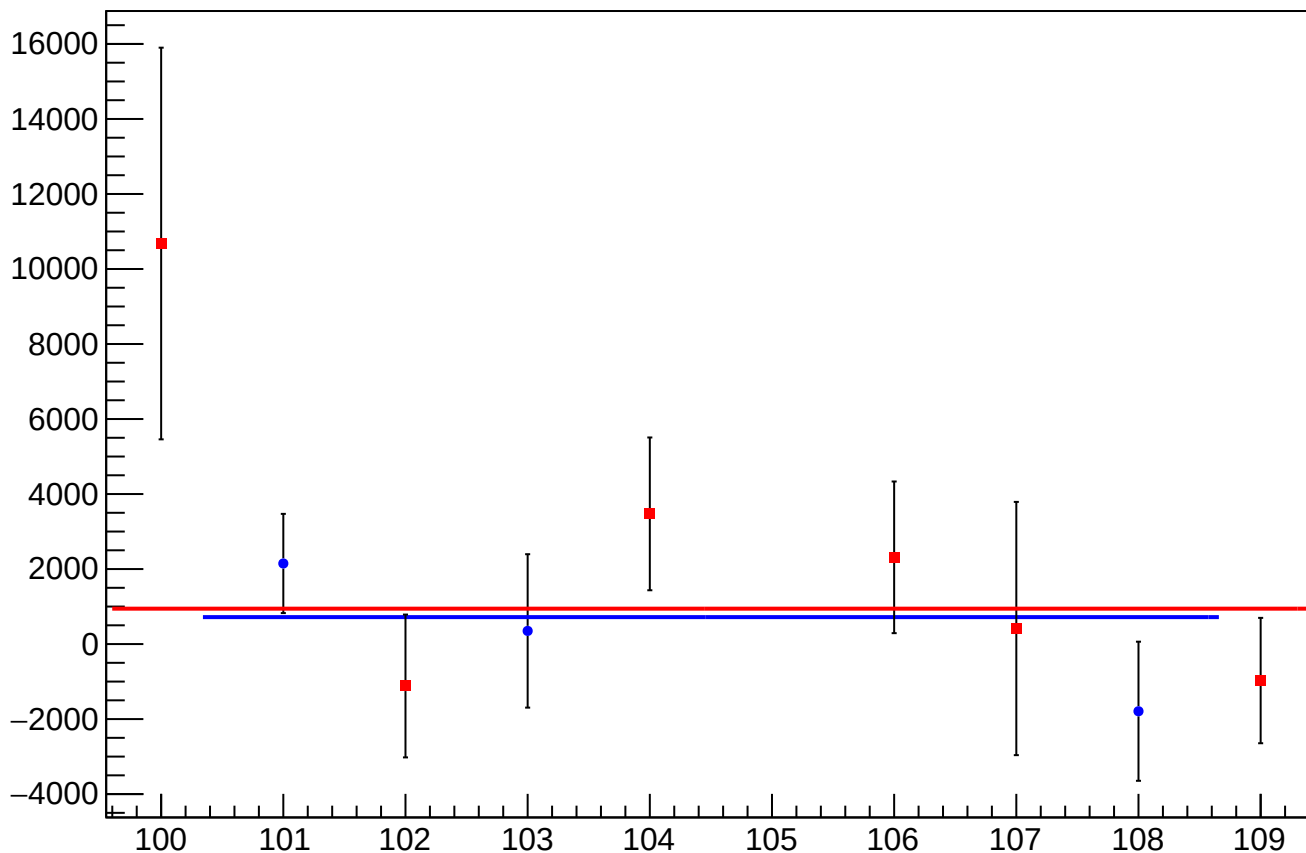
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1378.209+/-0.524 χ^2/NDF : 582162.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 718.409+/-952.820 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 943.844+/-896.610 χ^2/NDF : 8.0/5

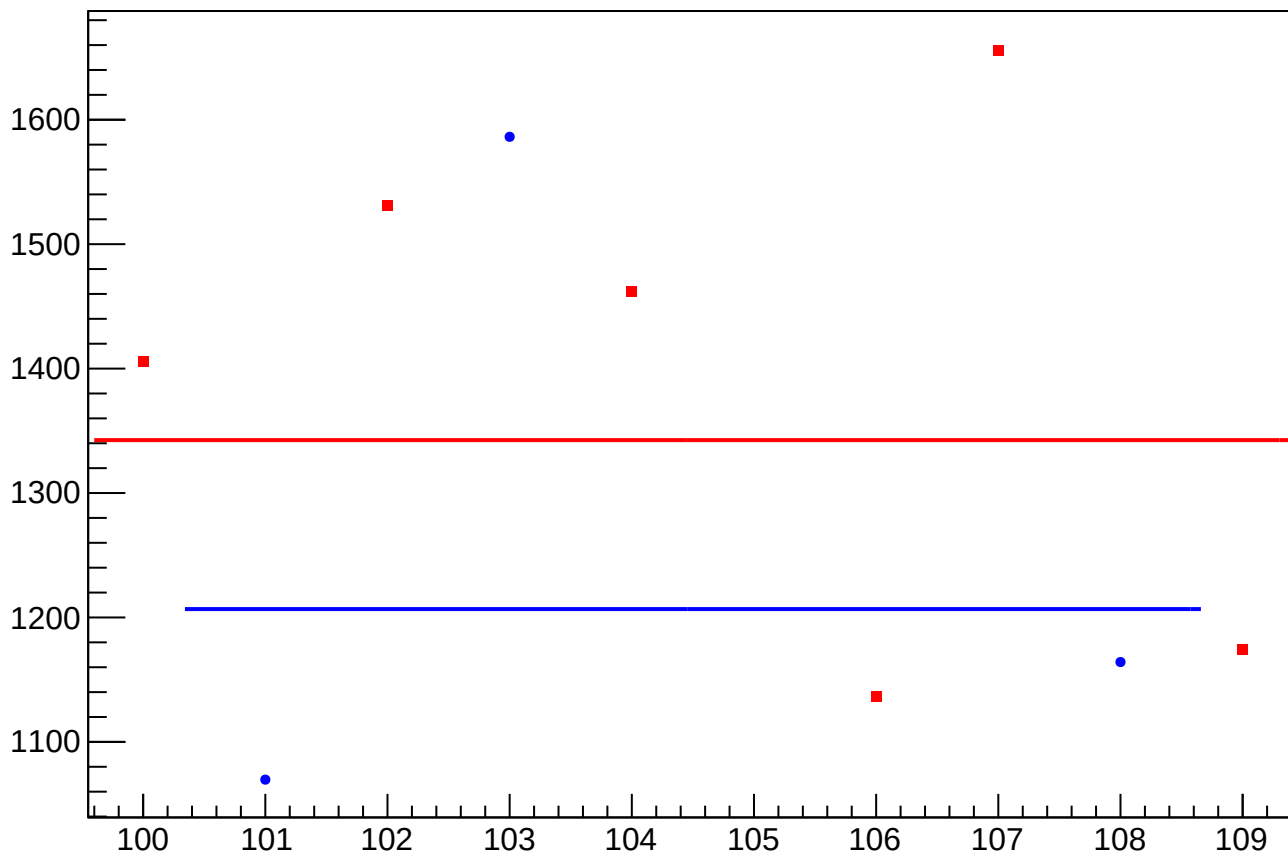
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 837.972+/-652.967 χ^2/NDF : 11.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1206.744 $\pm$ 0.674 χ^2 /NDF: 91411.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1342.527 $\pm$ 0.634 χ^2 /NDF: 85090.9/5

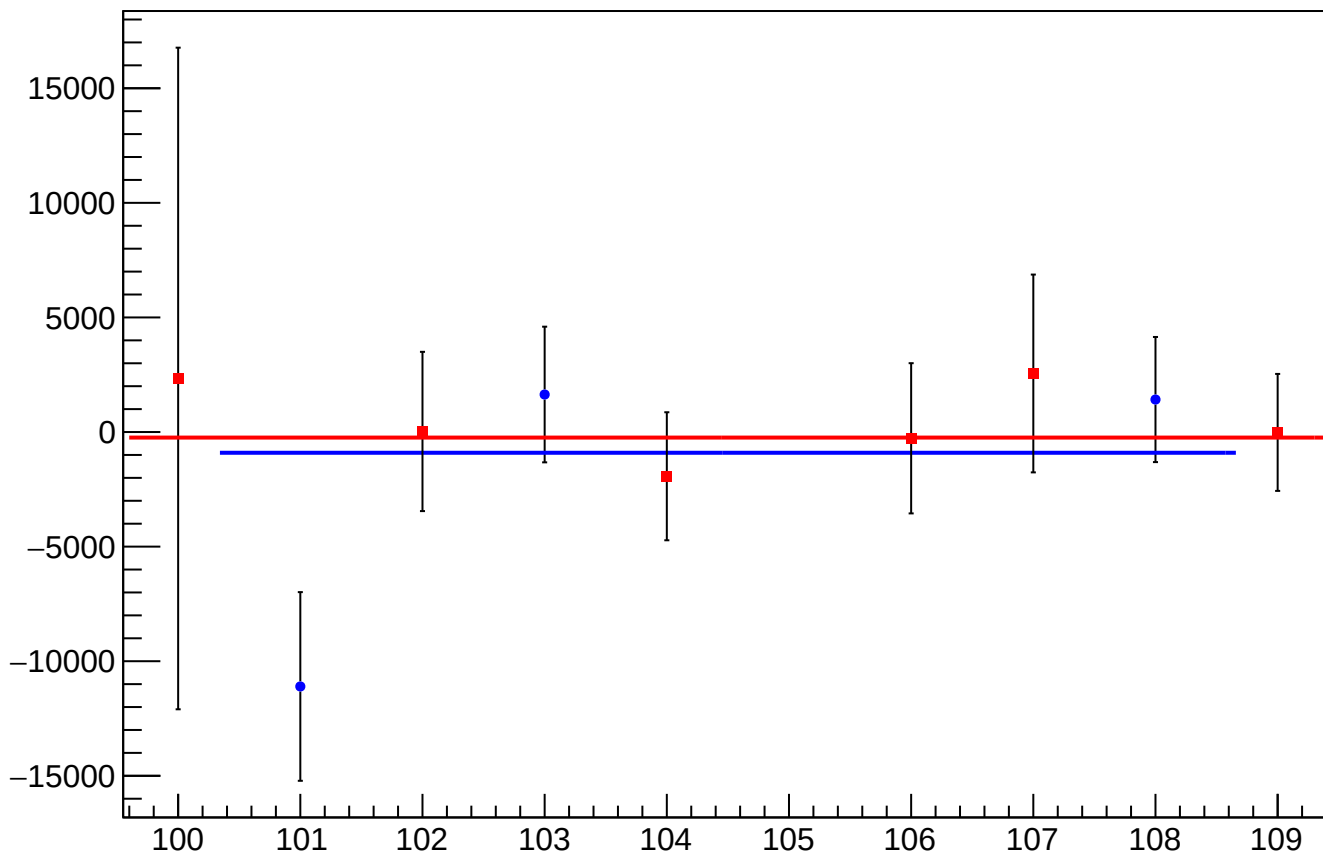
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1278.759 $\pm$ 0.462 χ^2 /NDF: 198043.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: -904.901+/-1803.804 χ^2/NDF : 7.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -242.068+/-1391.928 χ^2/NDF : 0.8/5

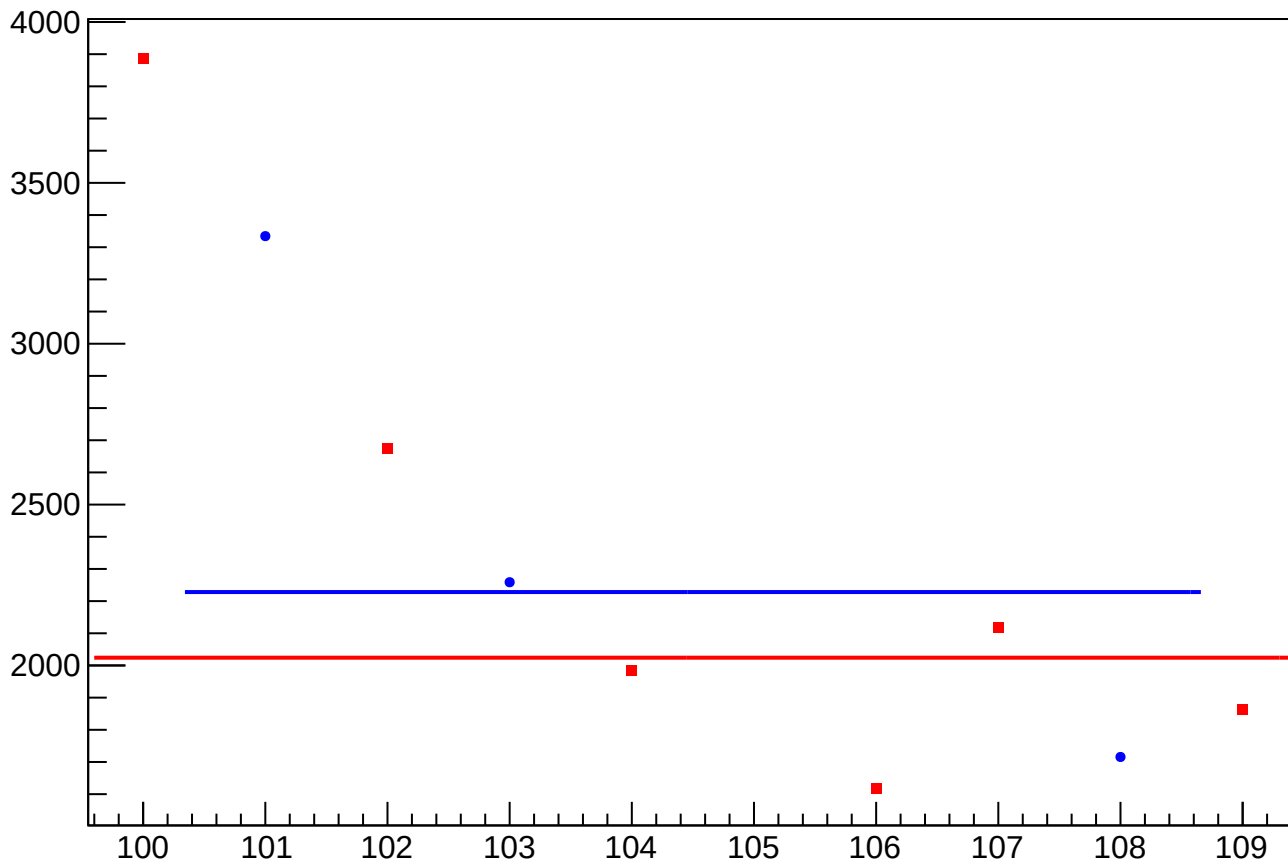
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -489.453+/-1101.979 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 2228.163+/-1.275 χ^2/NDF : 215184.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2024.129+/-0.984 χ^2/NDF : 143287.1/5

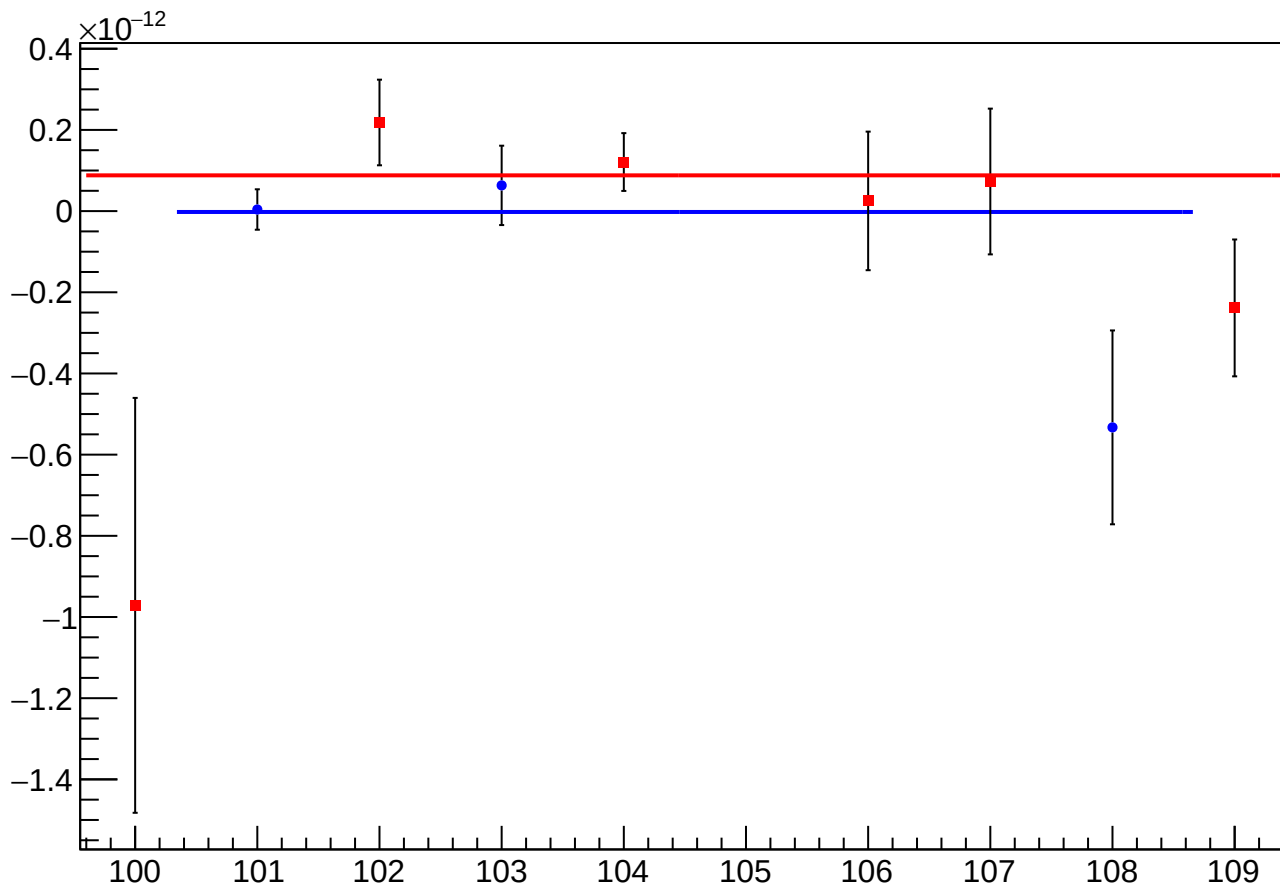
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2100.276+/-0.779 χ^2/NDF : 374511.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.9/5

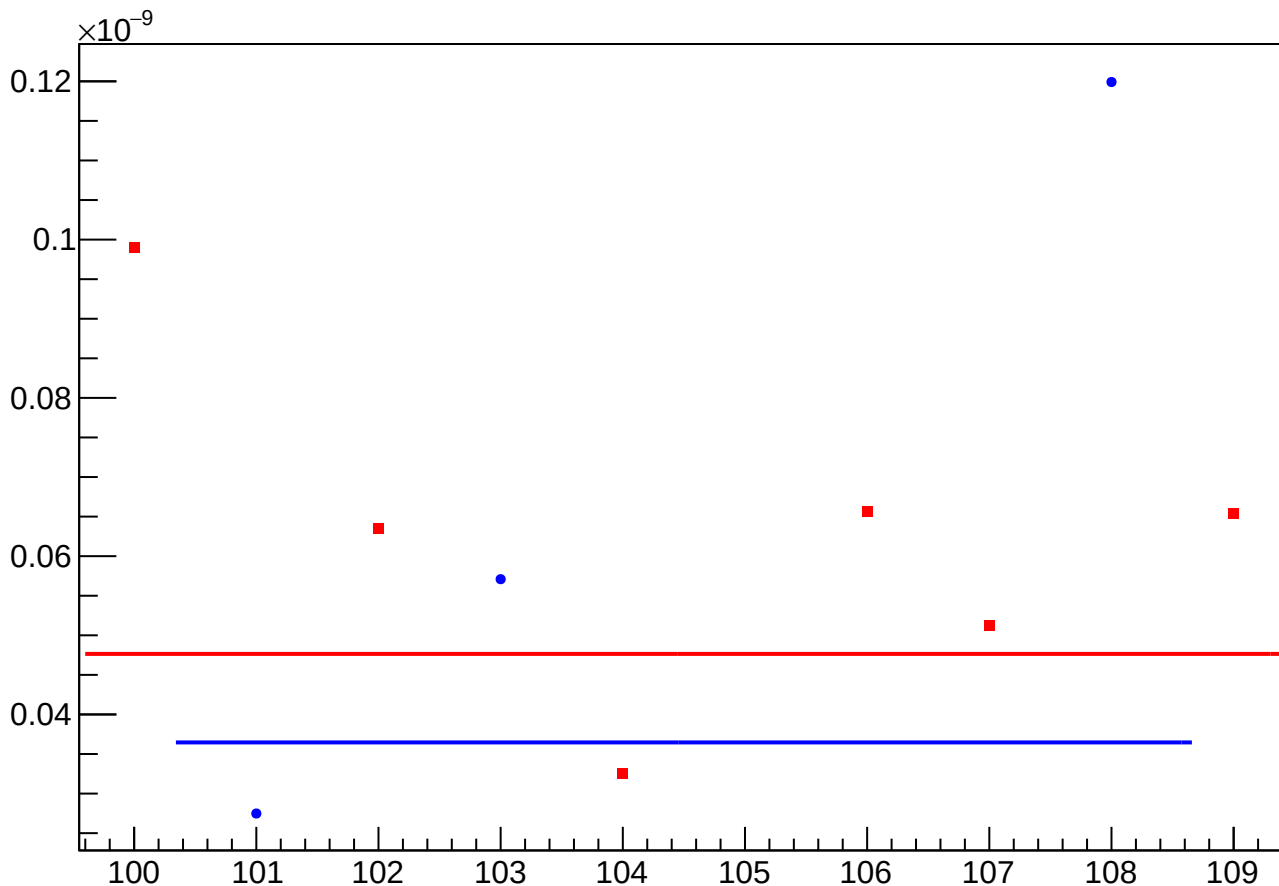
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 398331.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 200141.1/5

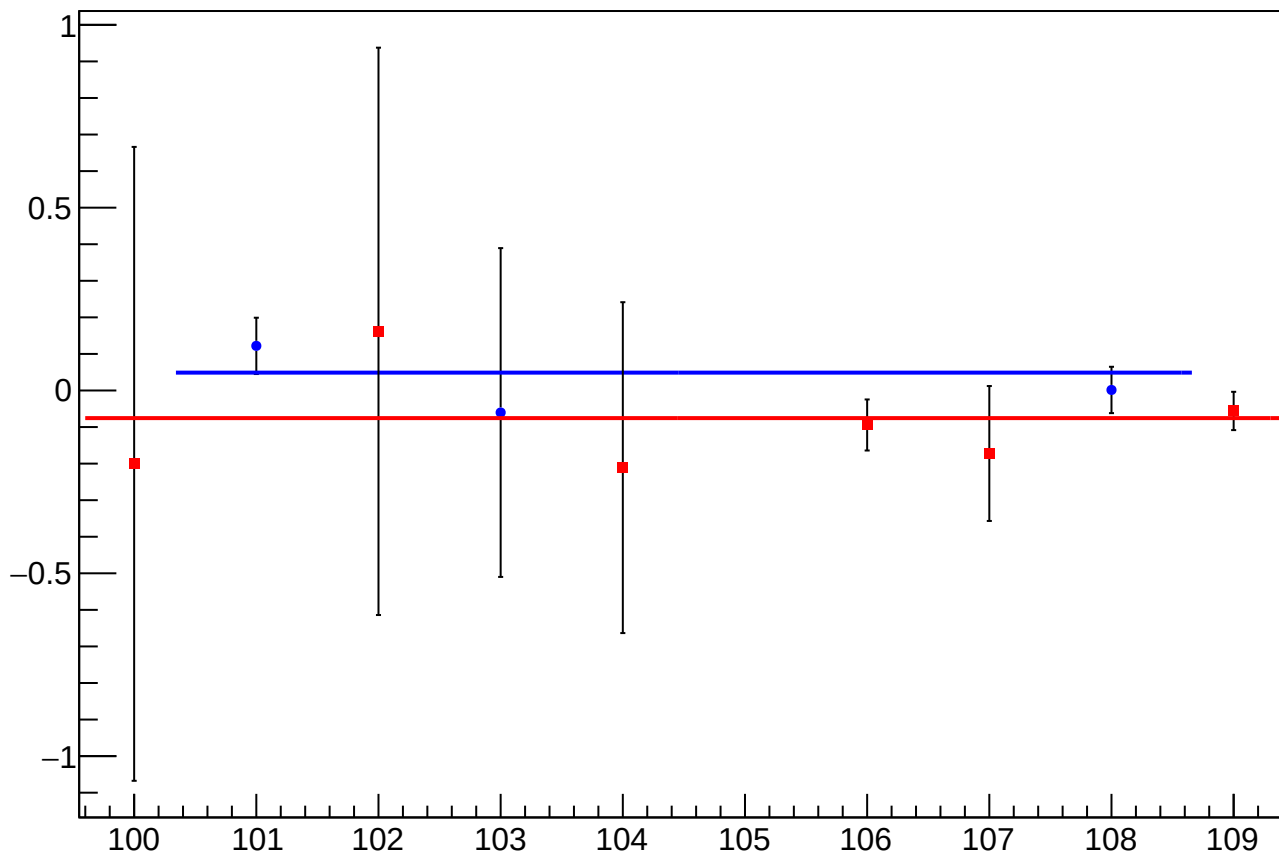
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 654612.8/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

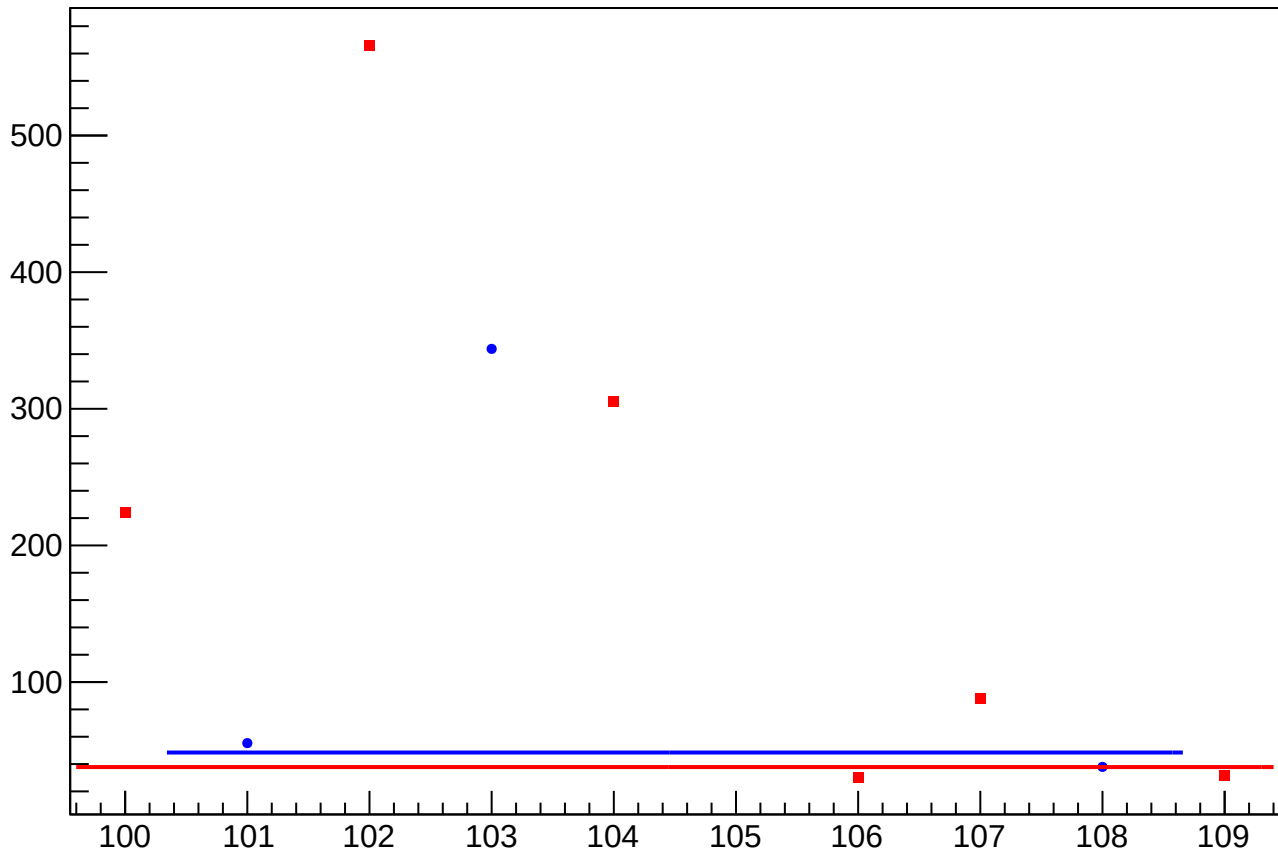
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

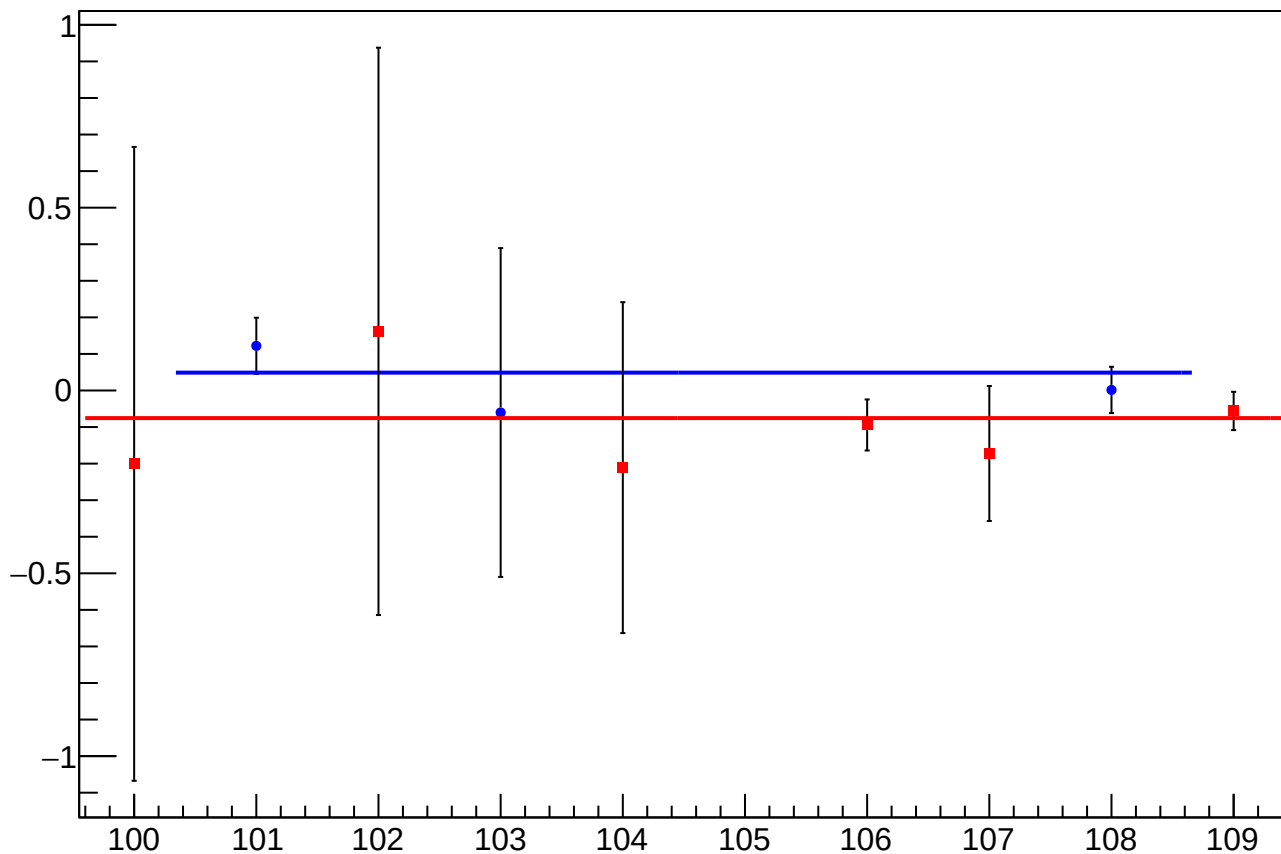
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913021.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

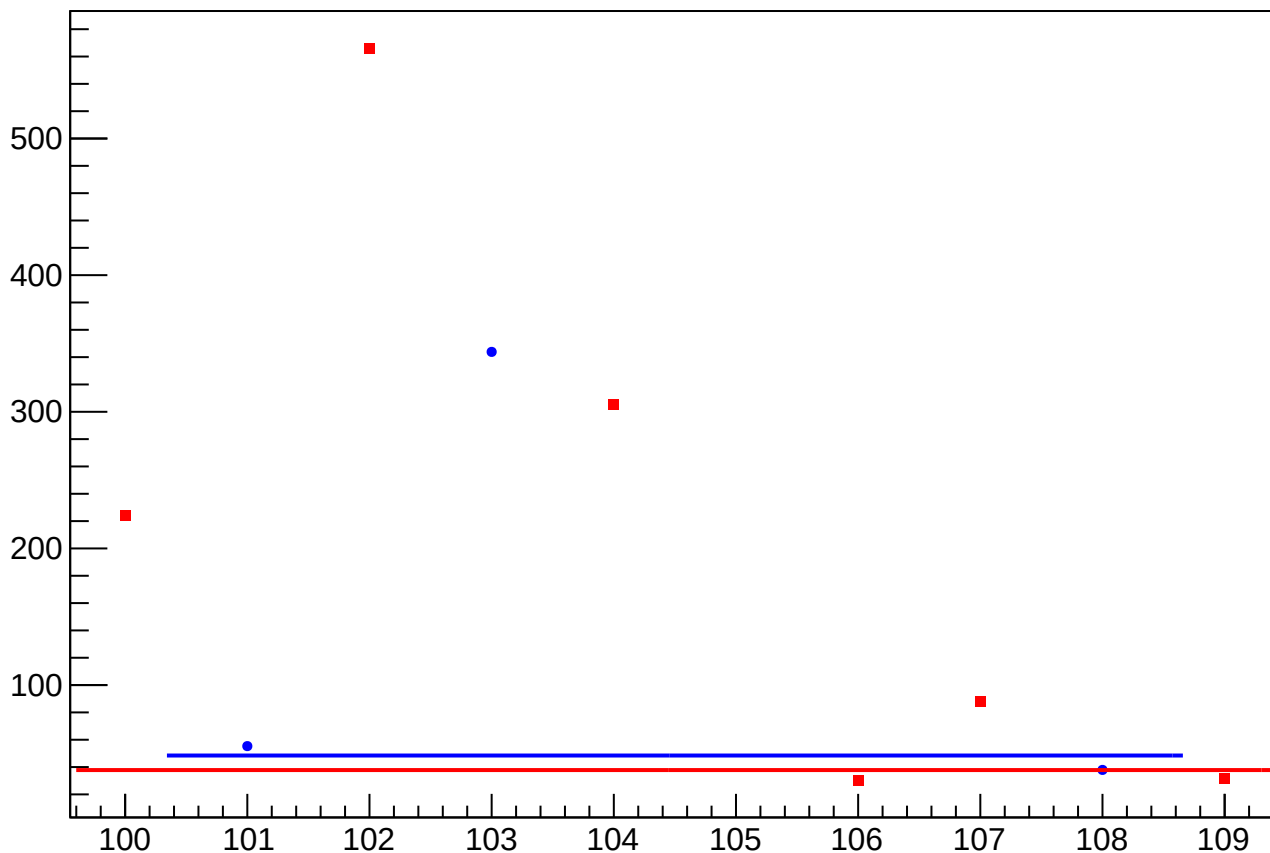
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.024 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.448+/-0.034 χ^2/NDF : 934320.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.802+/-0.029 χ^2/NDF : 1922219.9/5

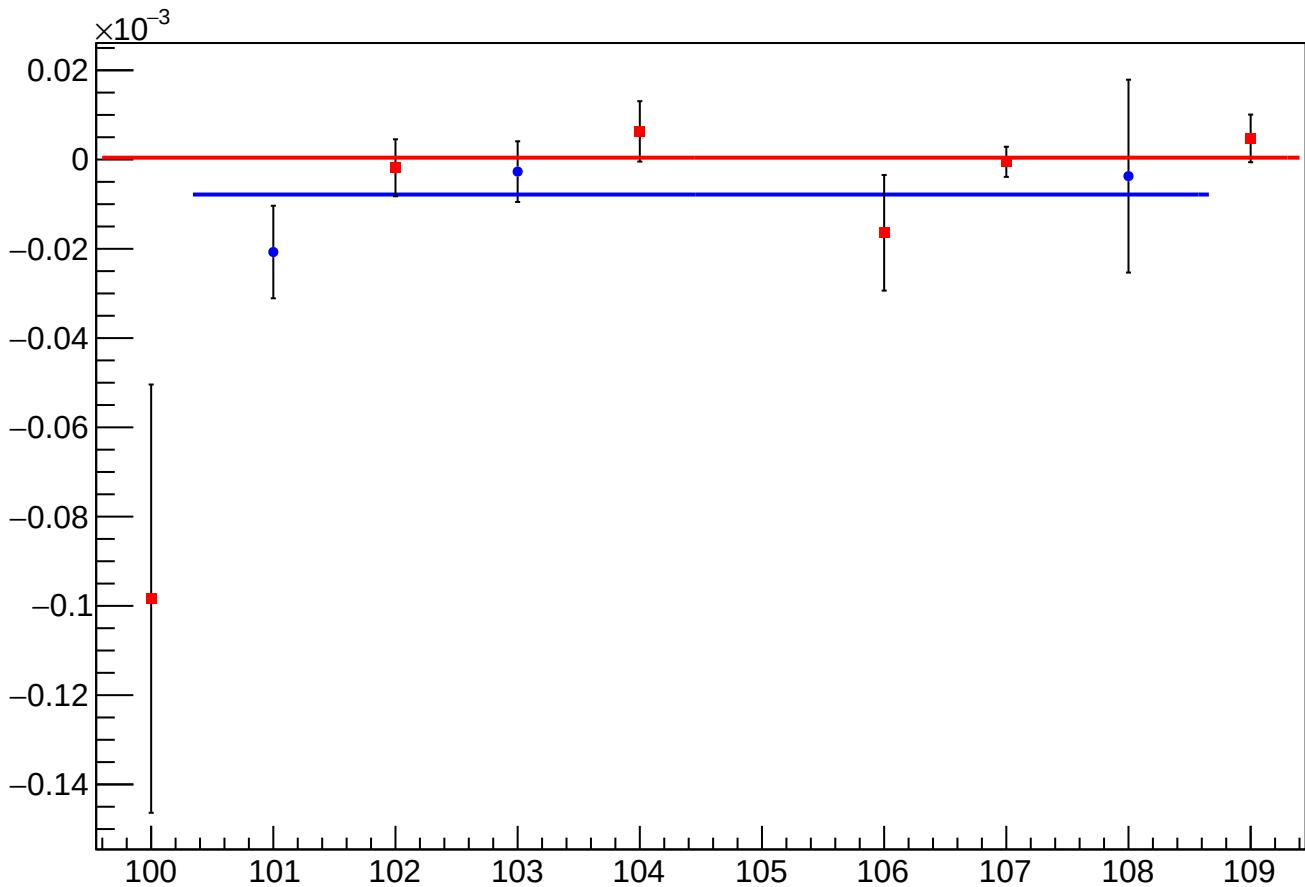
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913021.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/5

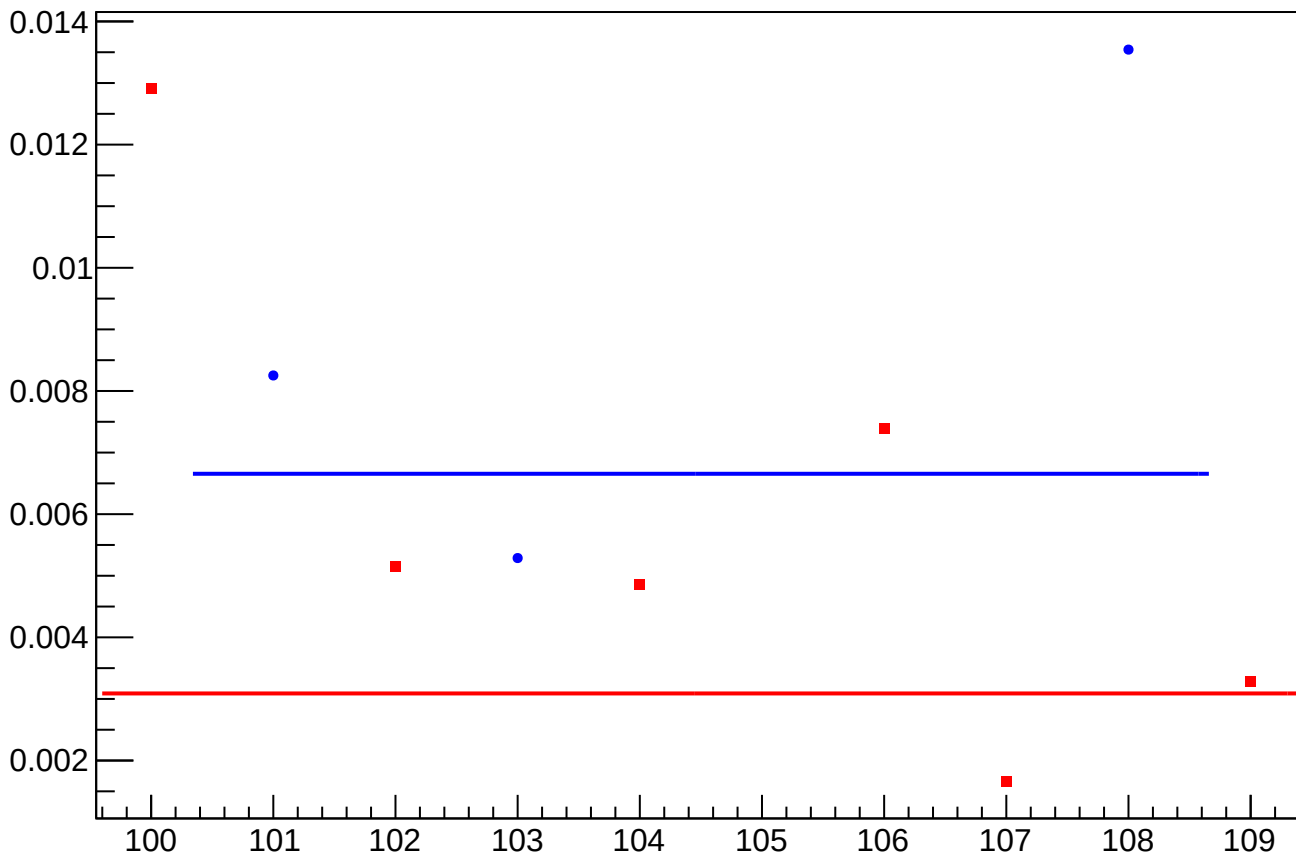
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 11.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 331592.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1010000.5/5

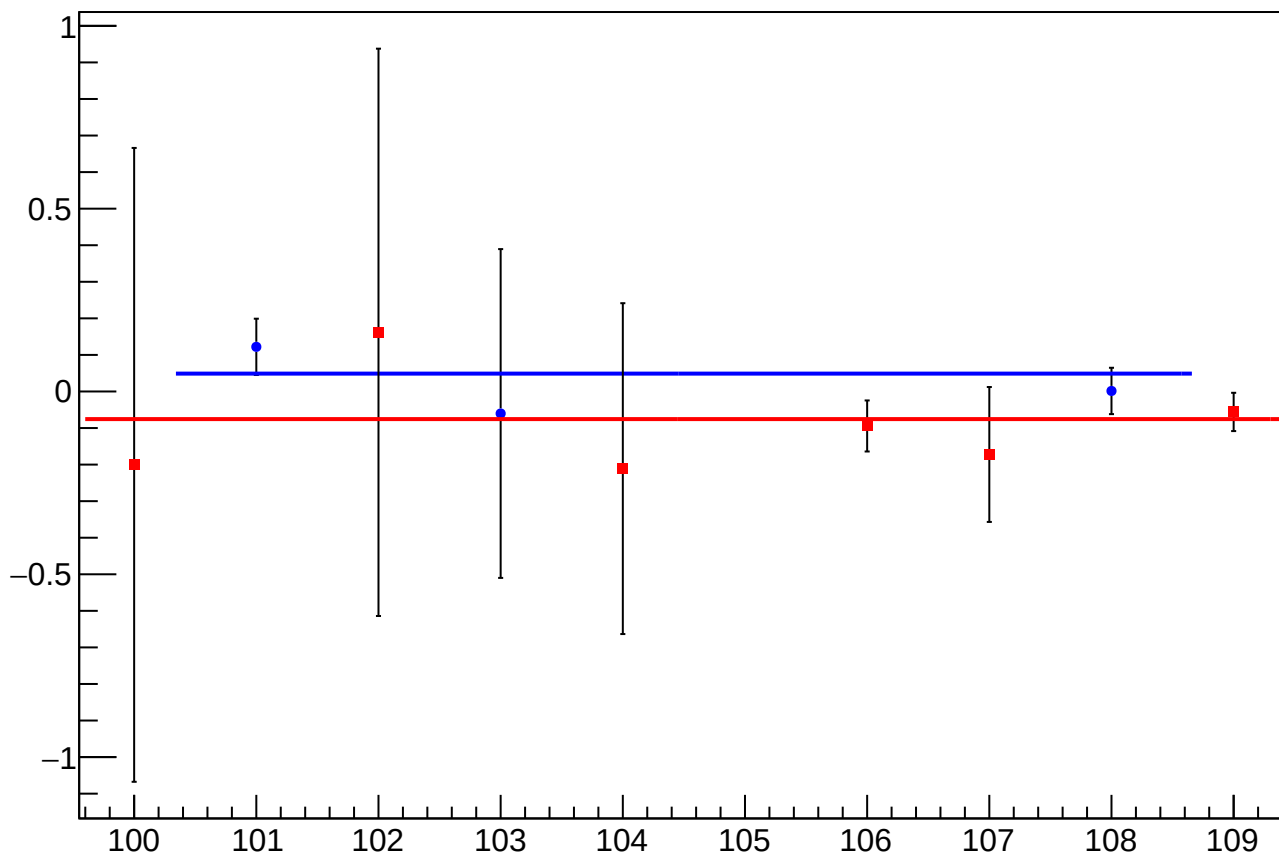
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2049752.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

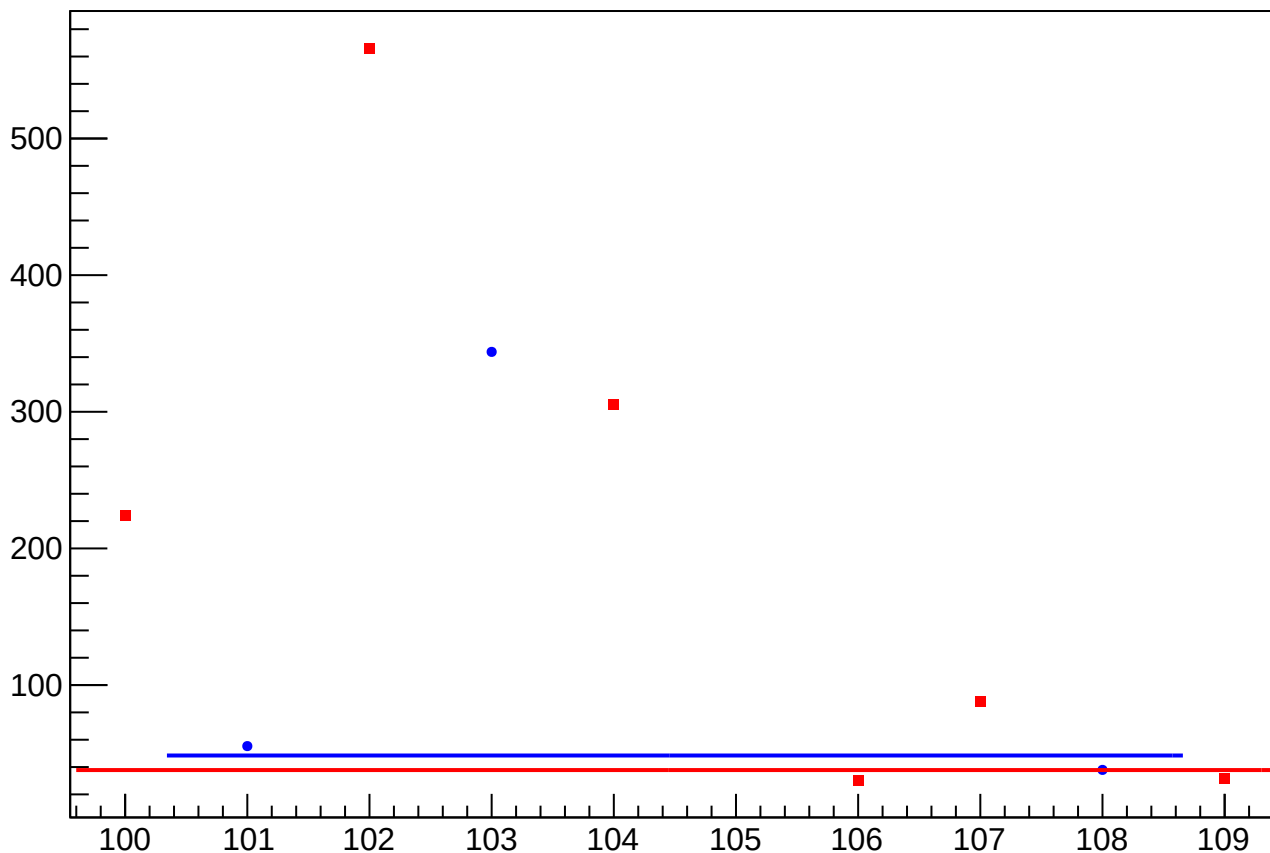
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.799+/-0.029 χ^2/NDF : 1922253.9/5

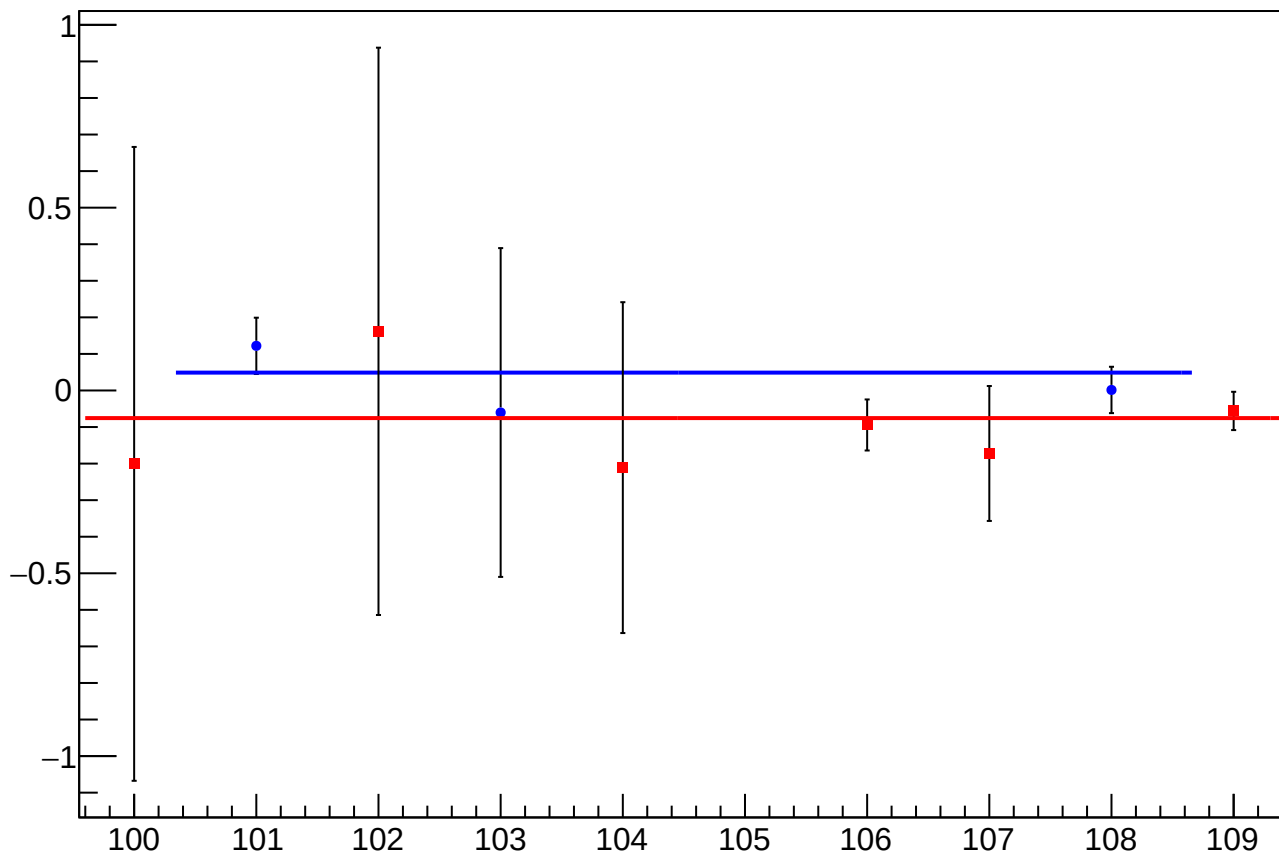
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913080.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.049 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.076 $\pm$ 0.041 χ^2 /NDF: 0.7/5

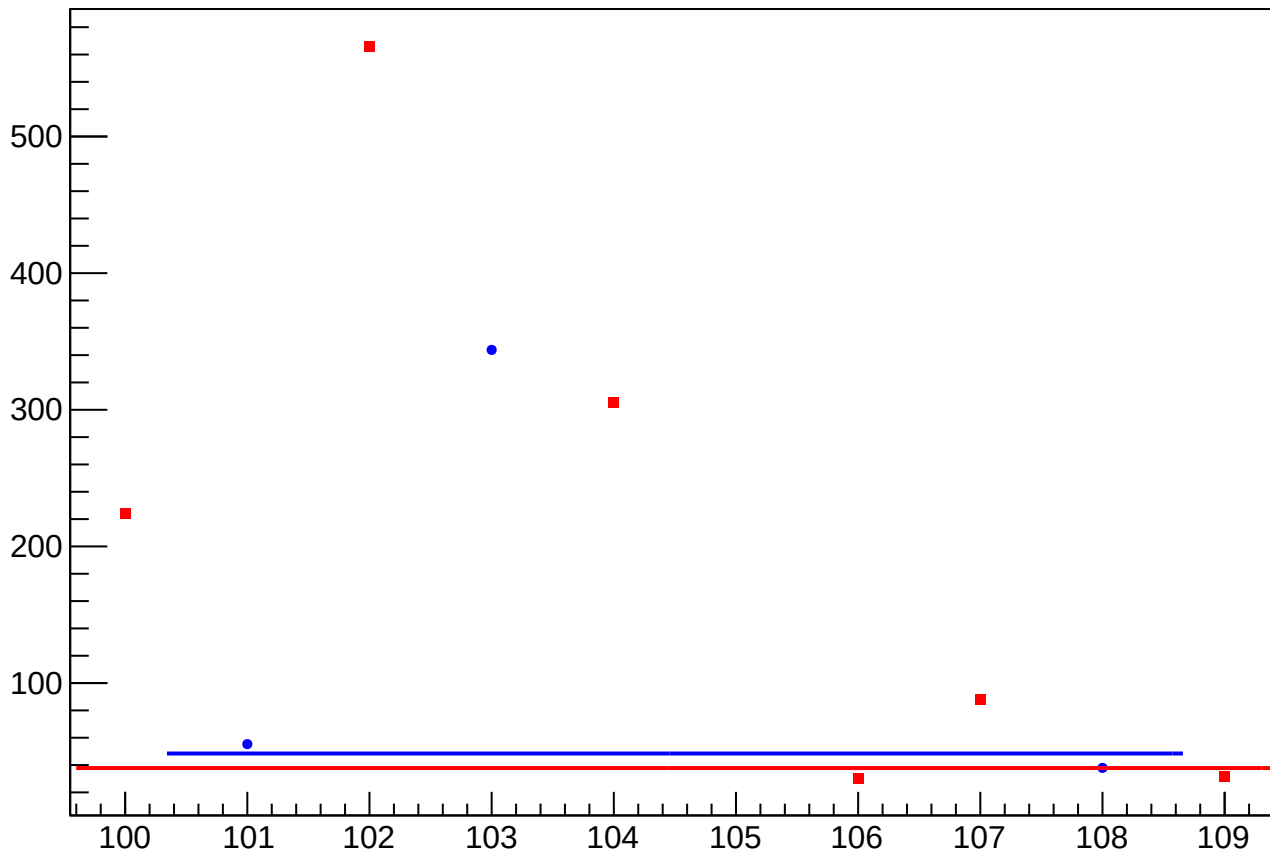
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.031 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.456+/-0.034 χ^2/NDF : 934241.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.799+/-0.029 χ^2/NDF : 1922253.9/5

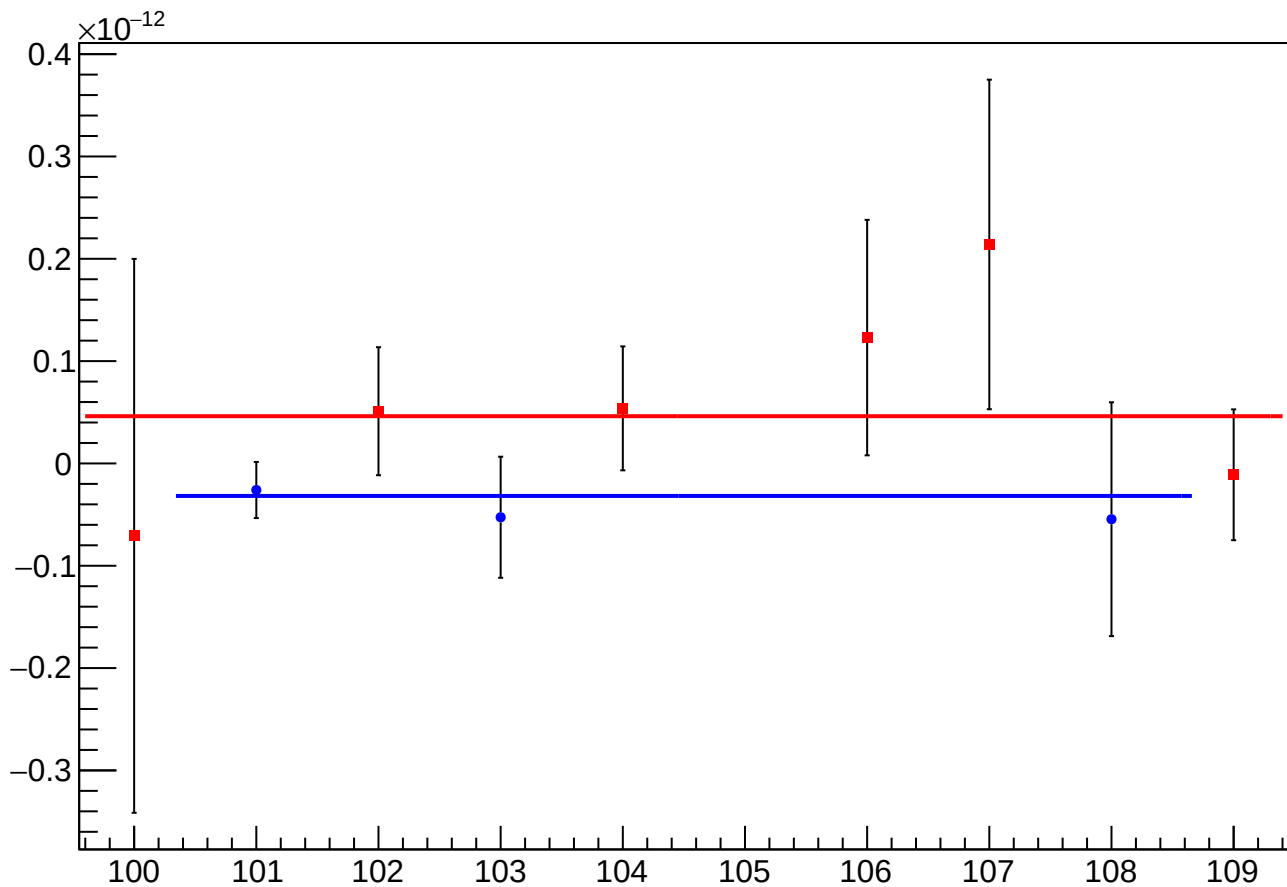
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.171+/-0.022 χ^2/NDF : 2913080.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/5

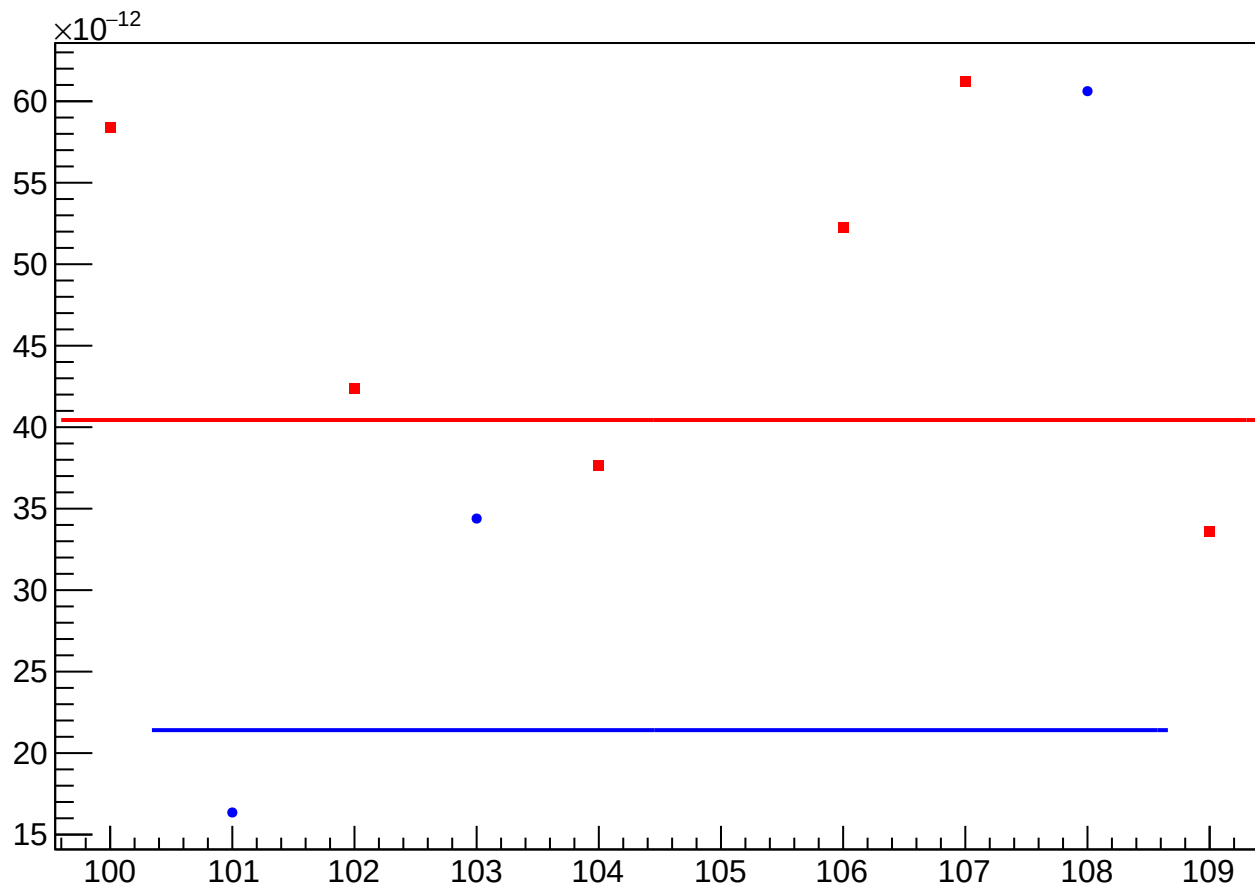
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 399588.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 92080.7/5

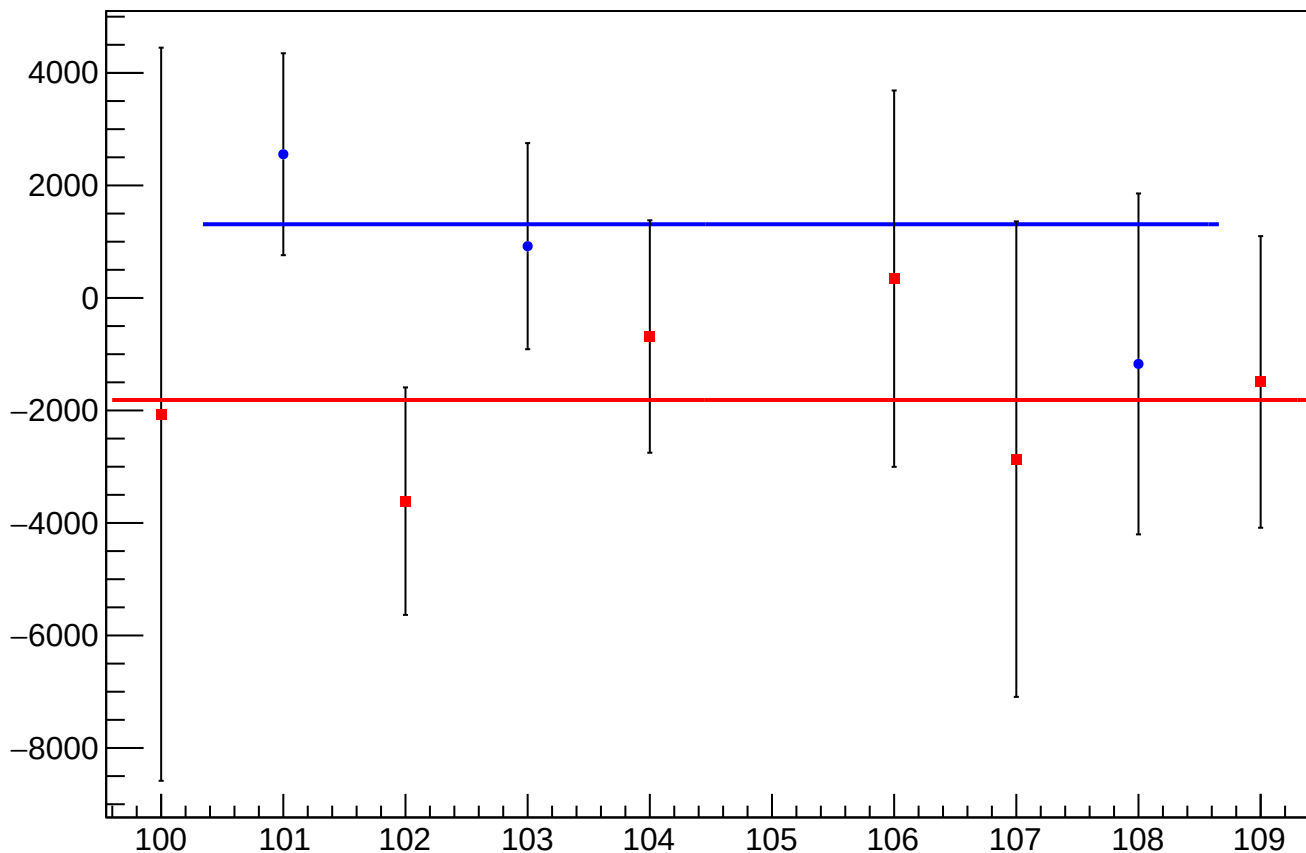
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 917226.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 1309.992 $\pm$ 1180.652 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1813.754 $\pm$ 1120.344 χ^2 /NDF: 1.6/5

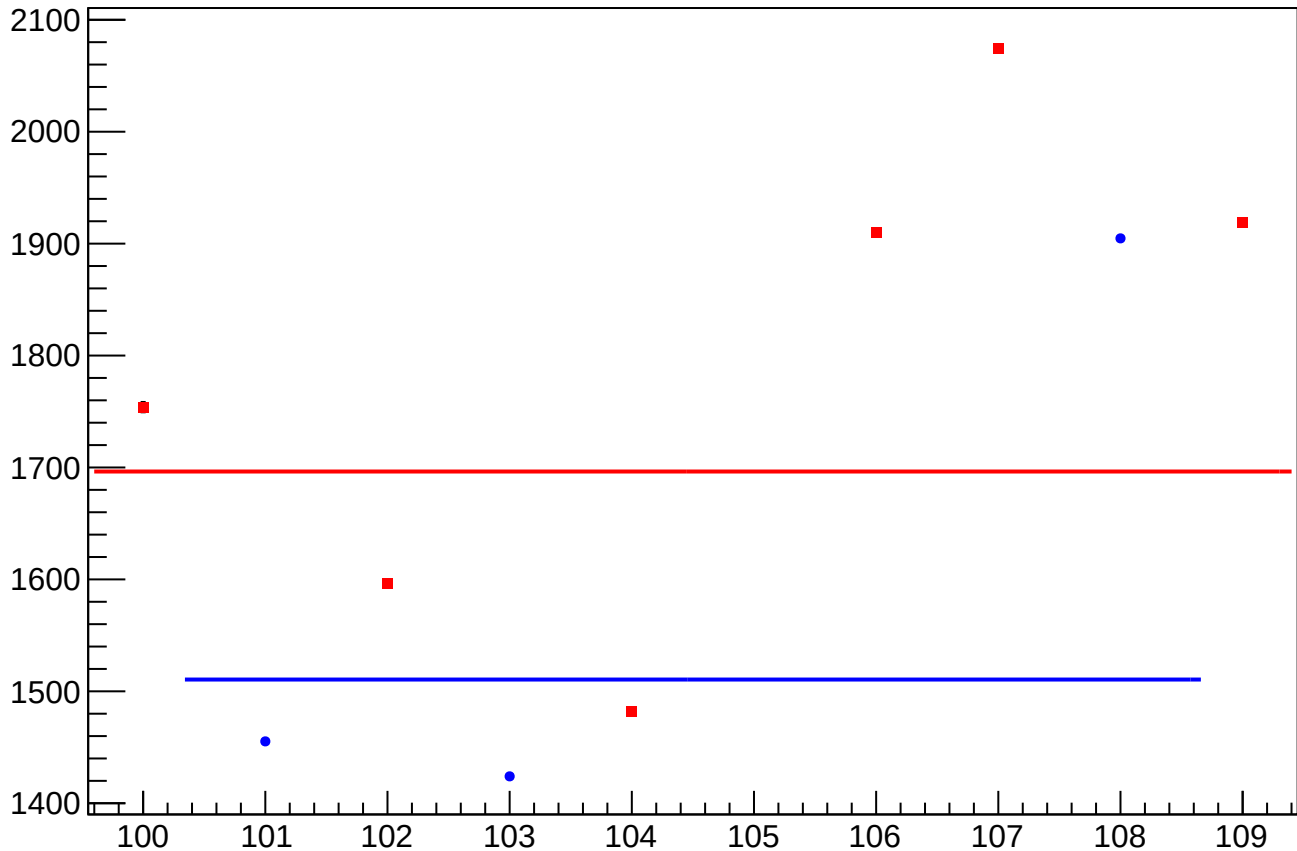
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -333.696 $\pm$ 812.687 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1510.524+/-0.835 χ^2/NDF : 40201.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1696.395+/-0.792 χ^2/NDF : 65470.8/5

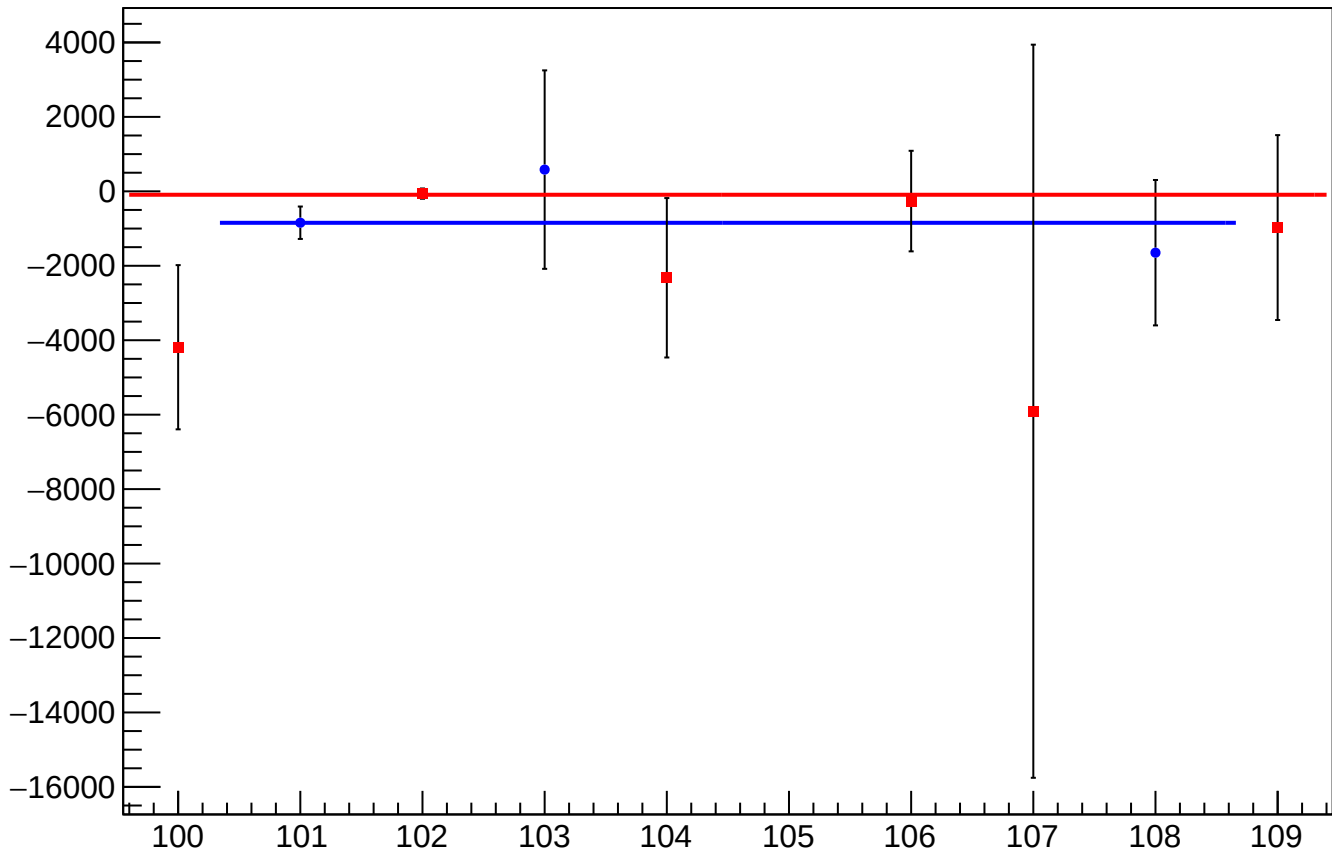
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.328+/-0.575 χ^2/NDF : 131755.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_mean vs Slug



Right In: -845.474 $\pm$ 419.675 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -91.921 $\pm$ 136.266 χ^2 /NDF: 5.1/5

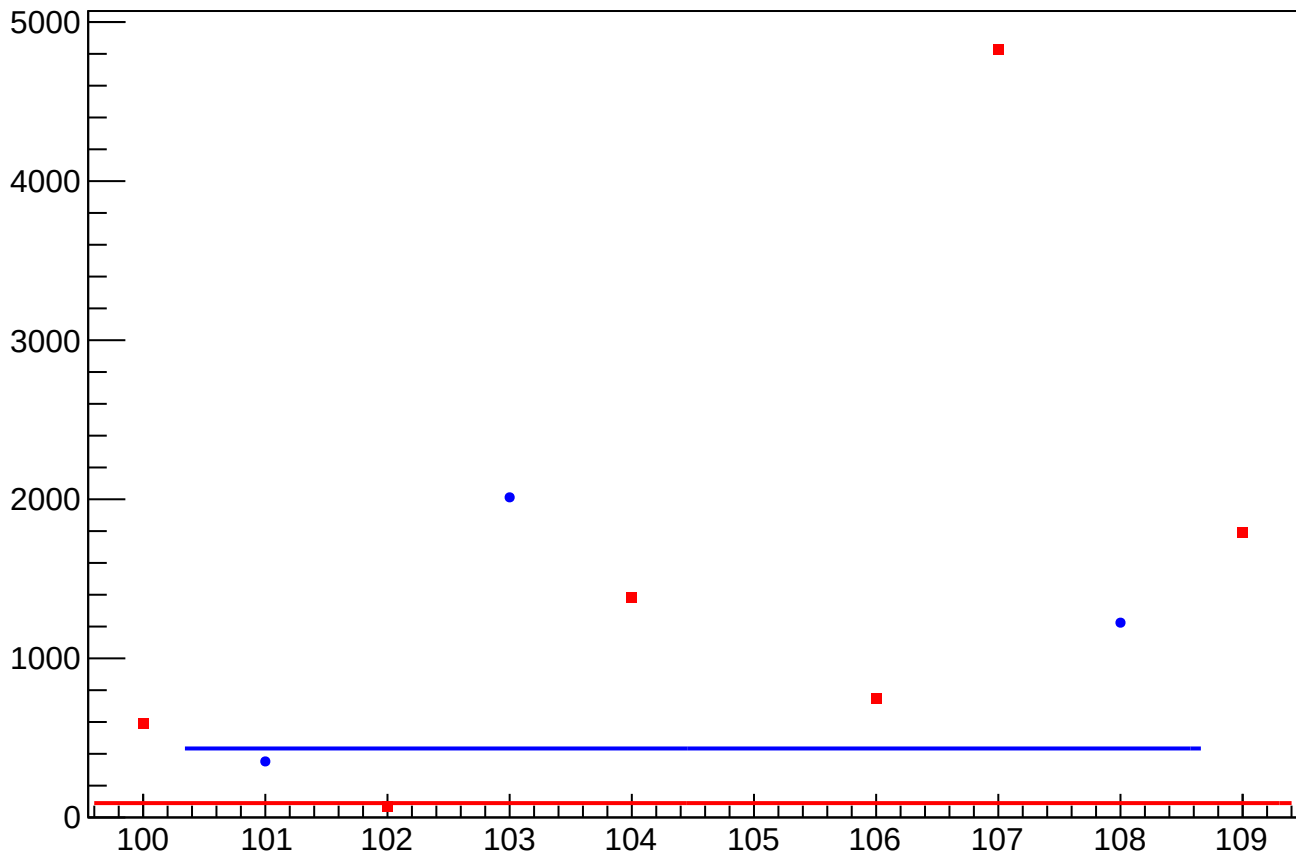
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -163.788 $\pm$ 129.605 χ^2 /NDF: 8.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 433.618+/-0.297 χ^2/NDF : 1099040.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.212+/-0.096 χ^2/NDF : 2751922.8/5

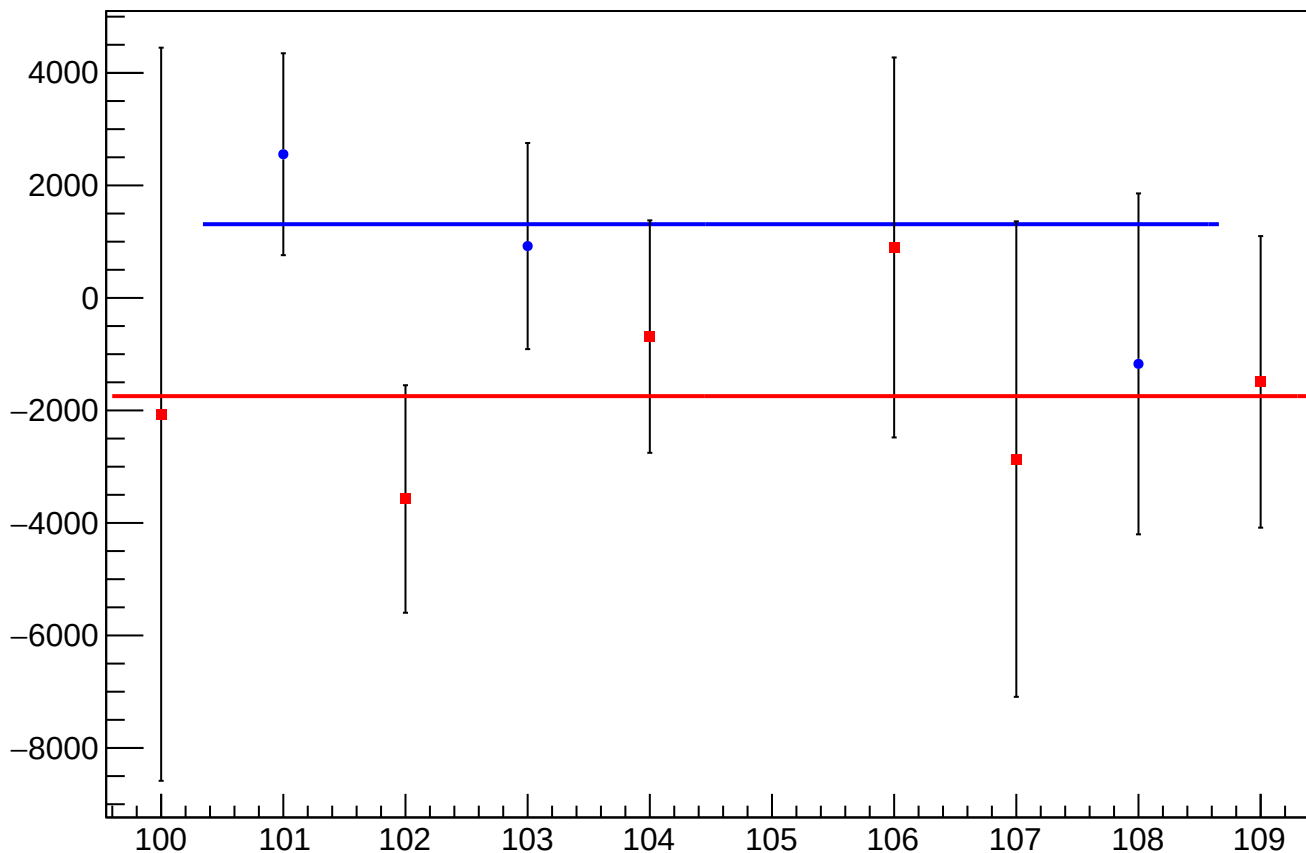
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.963+/-0.092 χ^2/NDF : 5062368.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1310.601 $\pm$ 1180.652 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1745.718 $\pm$ 1121.589 χ^2 /NDF: 1.8/5

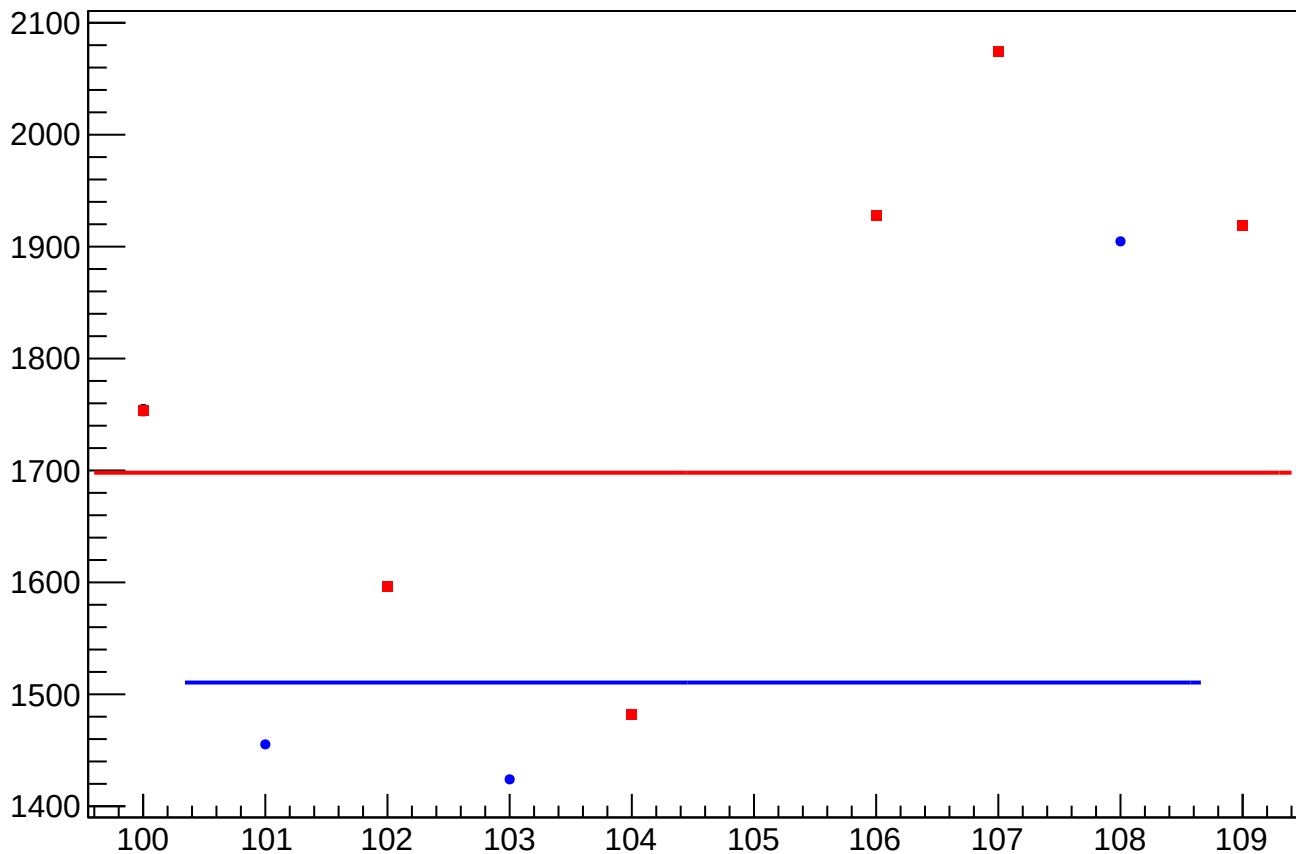
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -295.915 $\pm$ 813.162 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1510.525+/-0.835 χ^2/NDF : 40201.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1698.030+/-0.793 χ^2/NDF : 66721.8/5

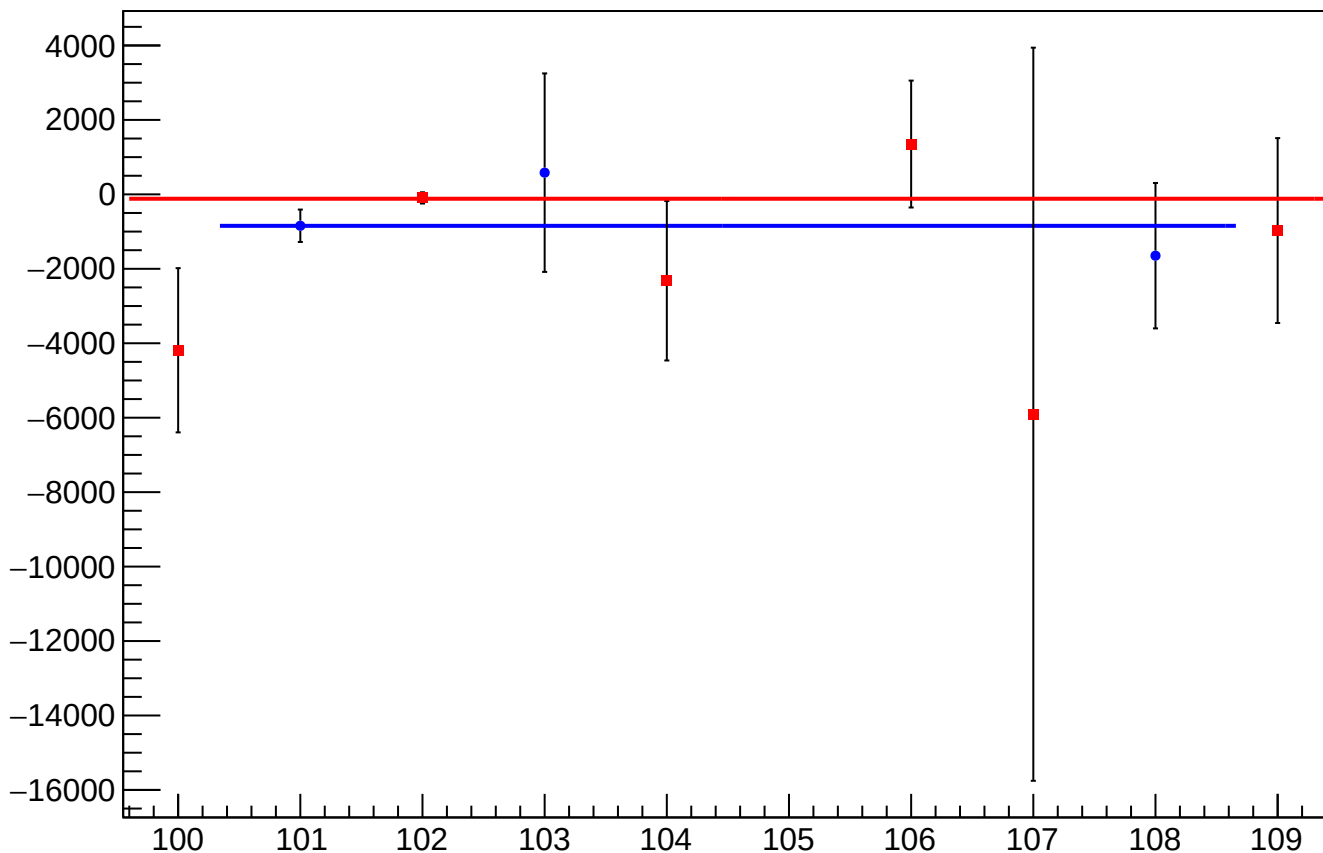
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1609.084+/-0.575 χ^2/NDF : 133438.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_cor_correction_mean vs Slug



Right In: -845.557 $\pm$ 419.675 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -117.826 $\pm$ 149.173 χ^2 /NDF: 5.7/5

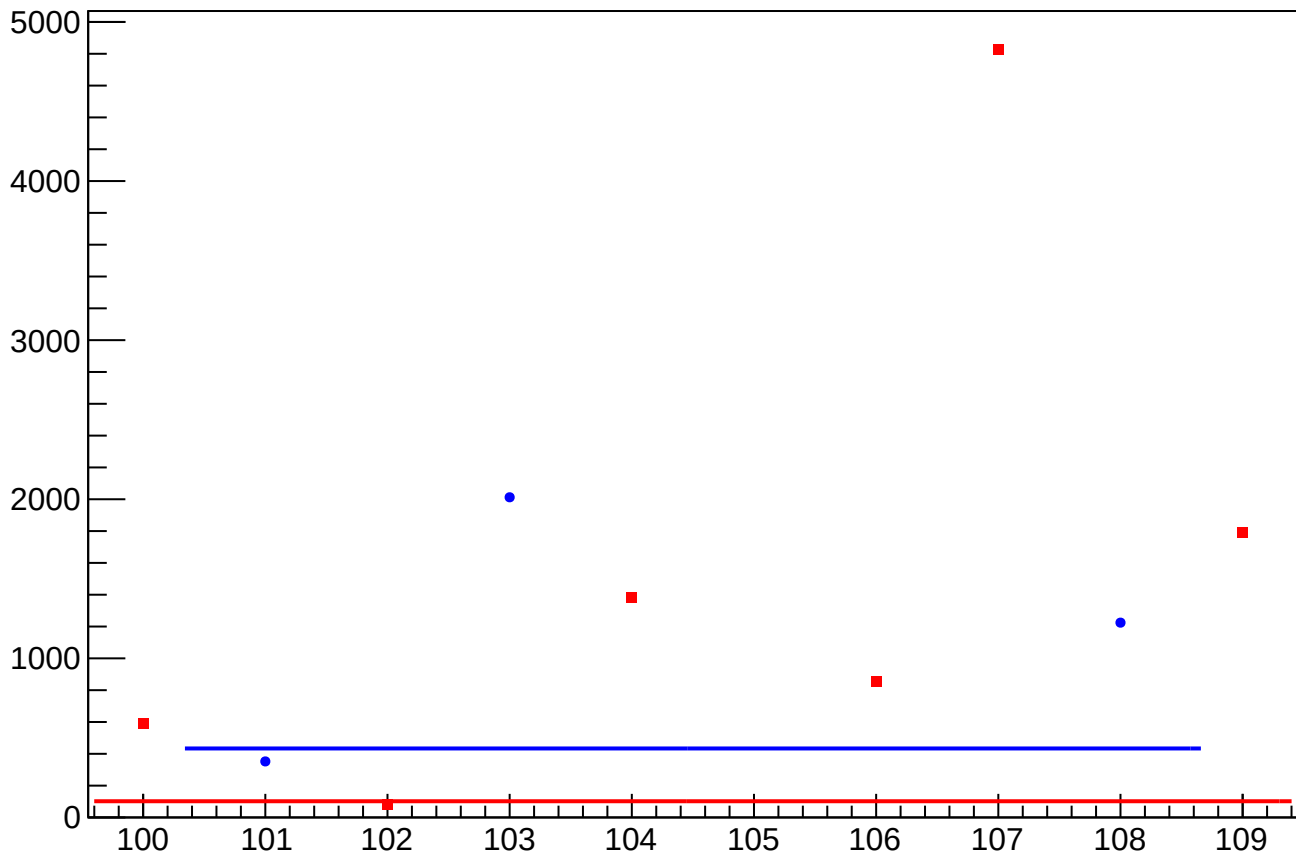
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -199.457 $\pm$ 140.558 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 433.614 $\pm$ 0.297 χ^2 /NDF: 1099046.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.917 $\pm$ 0.105 χ^2 /NDF: 2631884.4/5

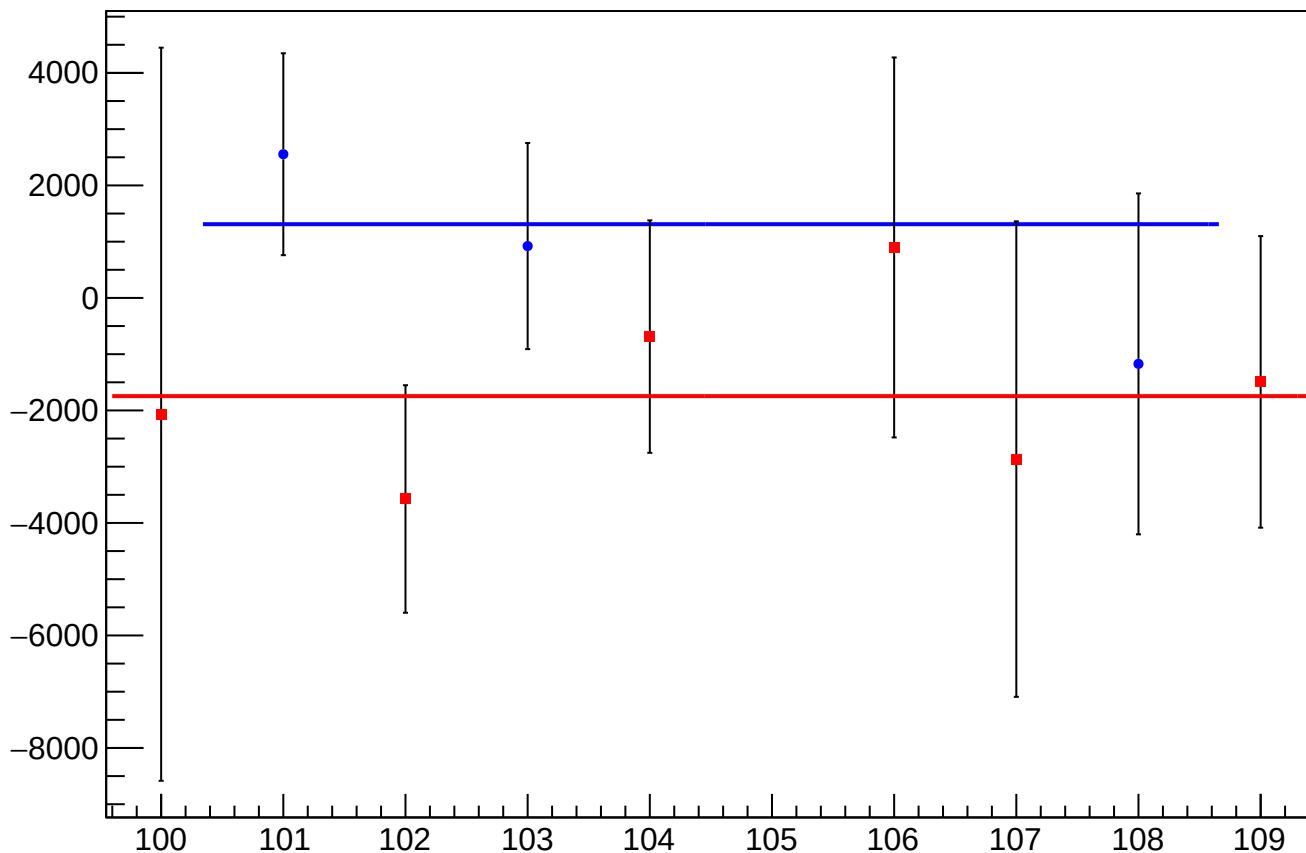
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.124 $\pm$ 0.099 χ^2 /NDF: 4840151.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 1310.601 $\pm$ 1180.652 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1745.718 $\pm$ 1121.589 χ^2 /NDF: 1.8/5

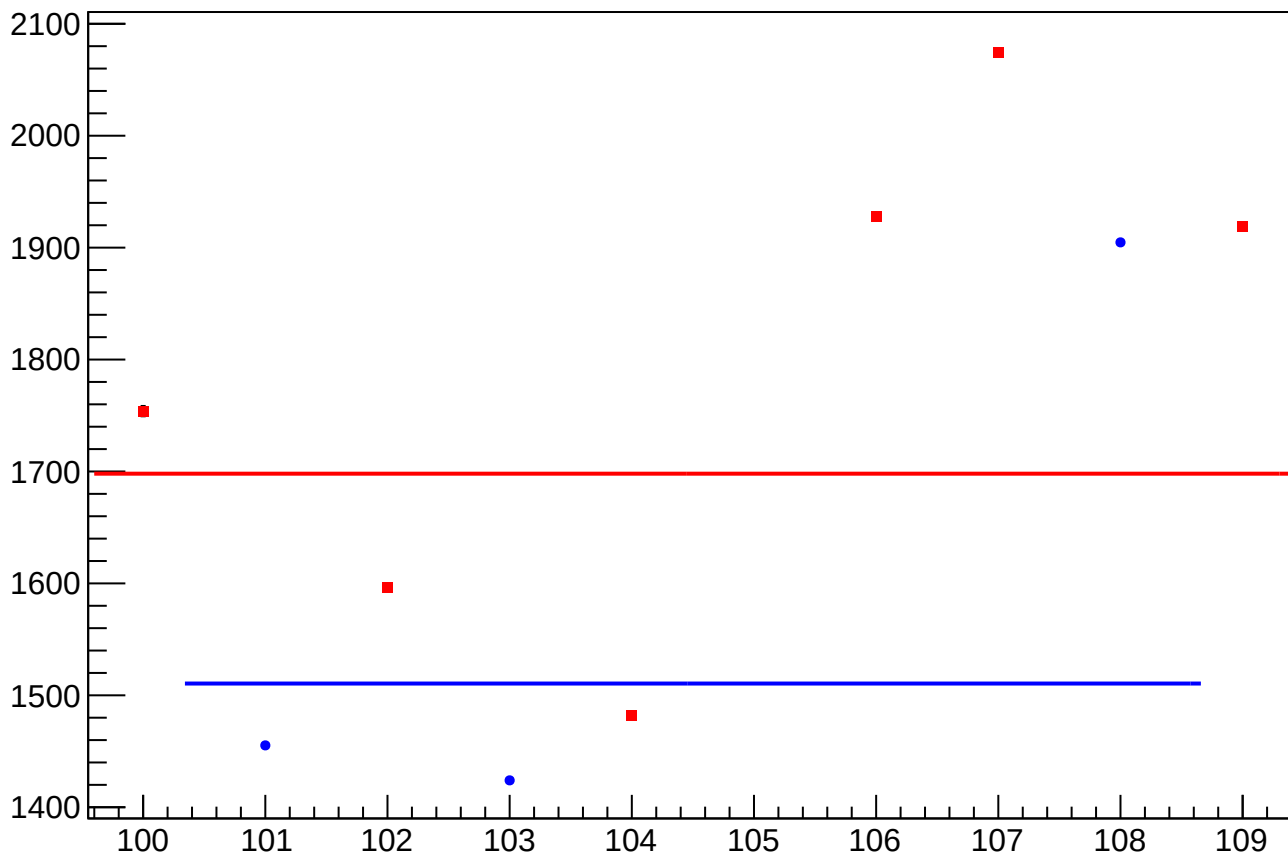
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -295.915 $\pm$ 813.162 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1510.525 $\pm$ 0.835 χ^2 /NDF: 40201.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1698.030 $\pm$ 0.793 χ^2 /NDF: 66721.8/5

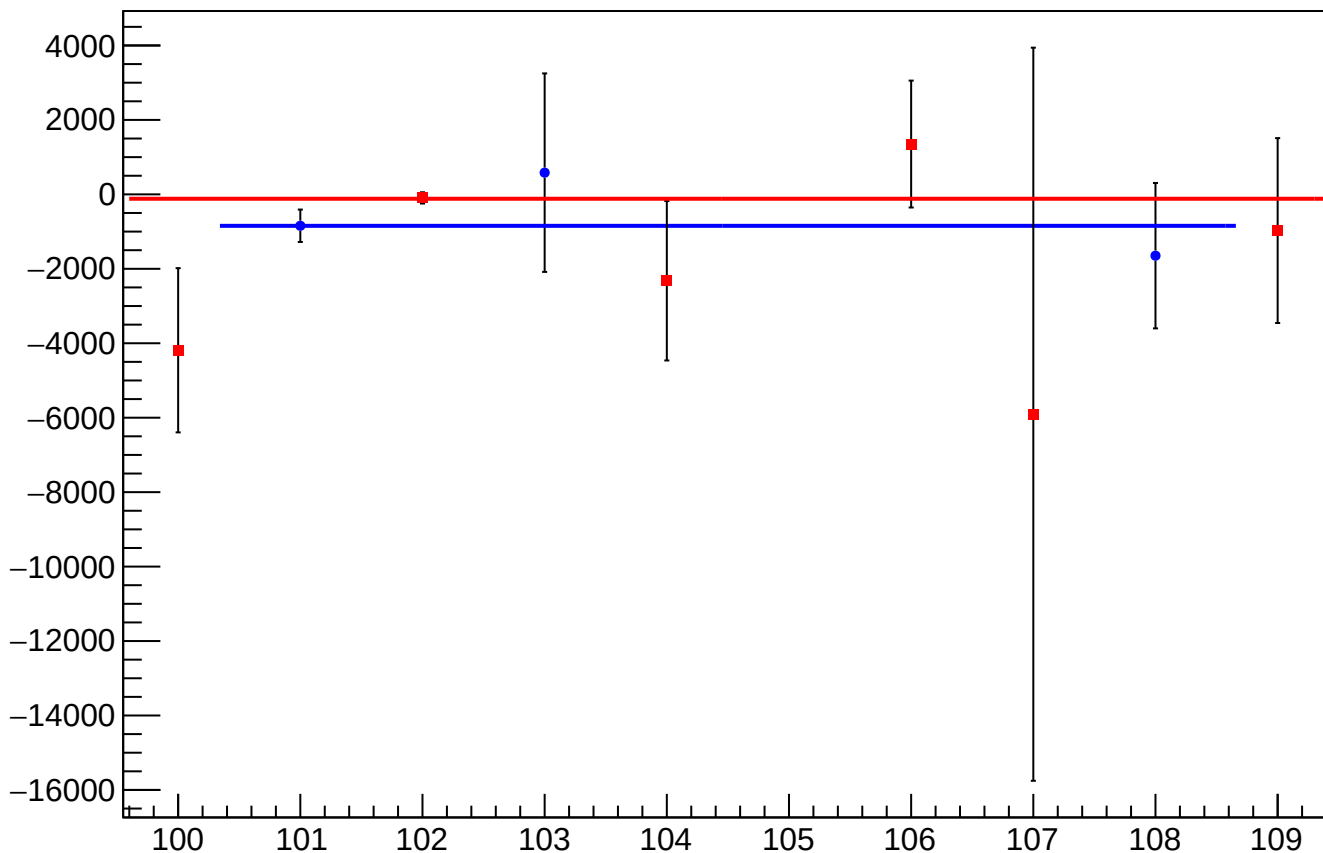
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1609.084 $\pm$ 0.575 χ^2 /NDF: 133438.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug



Right In: -845.557 $\pm$ 419.675 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -117.826 $\pm$ 149.173 χ^2 /NDF: 5.7/5

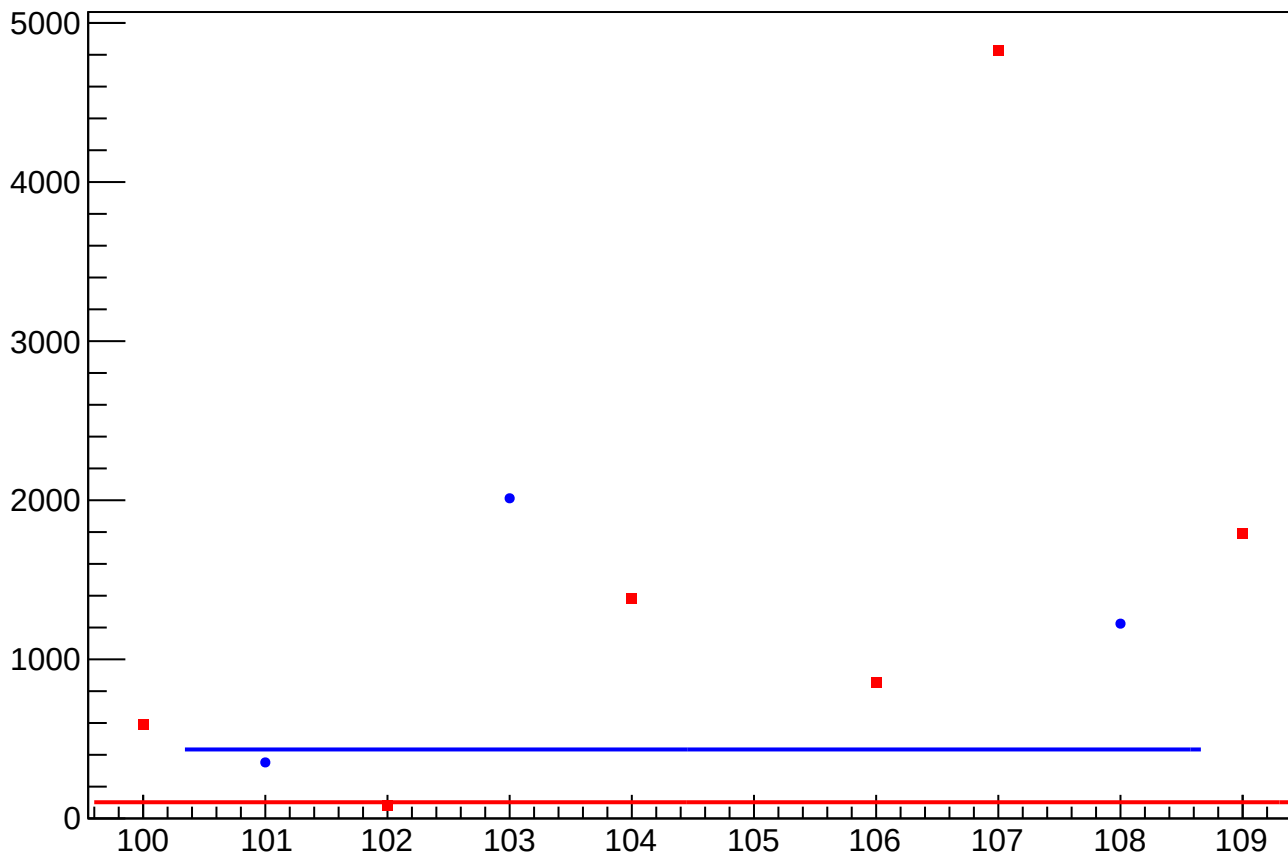
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -199.457 $\pm$ 140.558 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 433.614 $\pm$ 0.297 χ^2 /NDF: 1099046.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.917 $\pm$ 0.105 χ^2 /NDF: 2631884.4/5

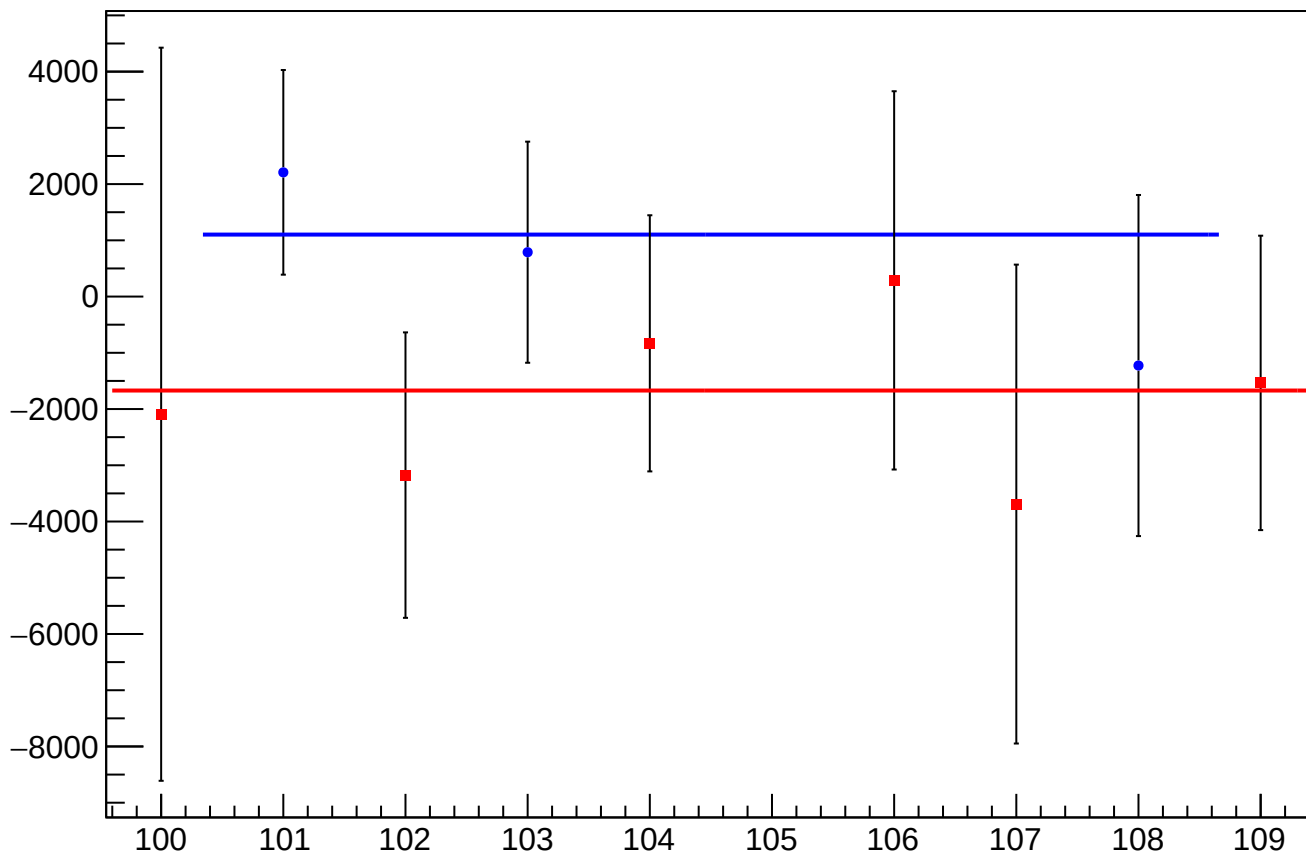
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 139.124 $\pm$ 0.099 χ^2 /NDF: 4840151.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_mean vs Slug



Right In: 1102.174 $\pm$ 1222.148 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1670.810 $\pm$ 1229.864 χ^2 /NDF: 1.1/5

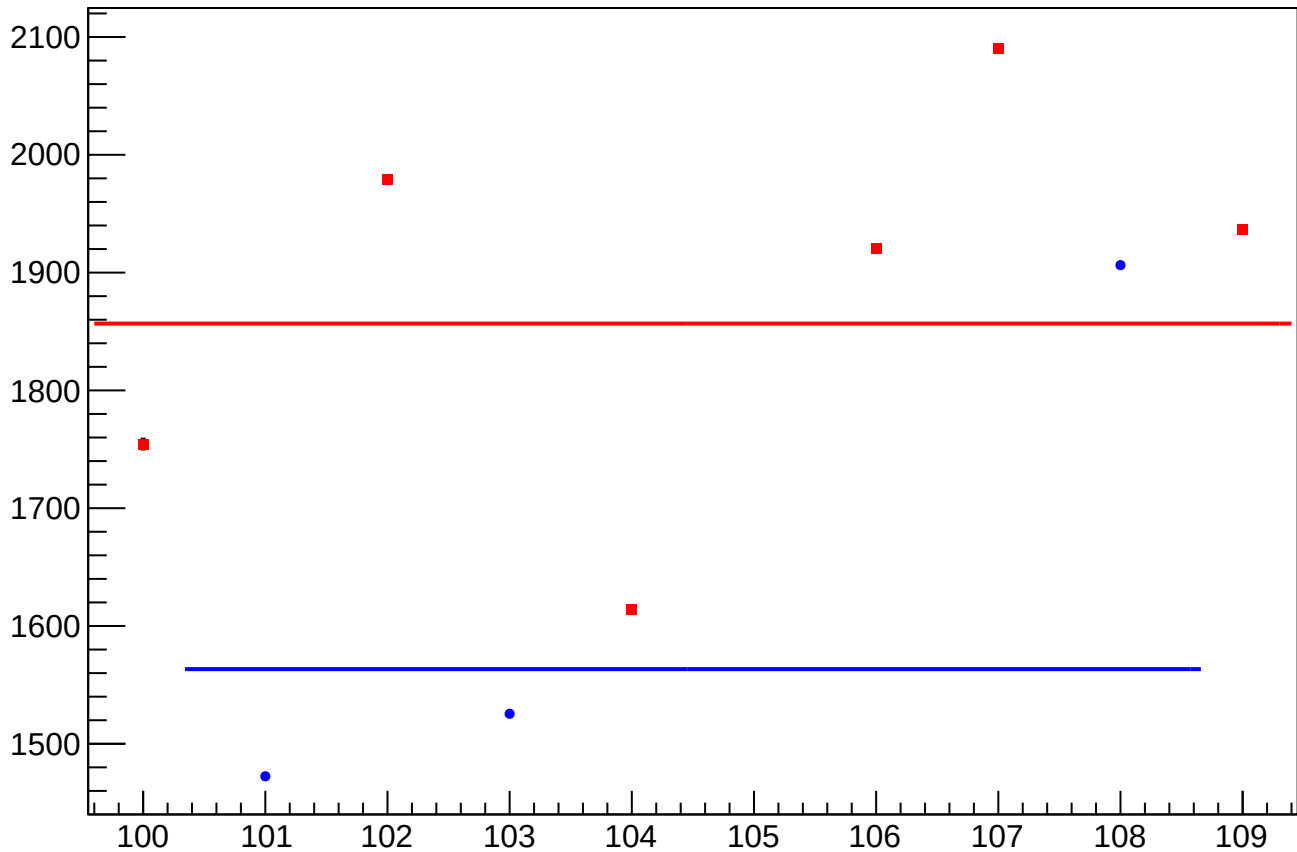
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -275.593 $\pm$ 866.904 χ^2 /NDF: 4.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1563.395+/-0.864 χ^2/NDF : 31314.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.723+/-0.870 χ^2/NDF : 36515.2/5

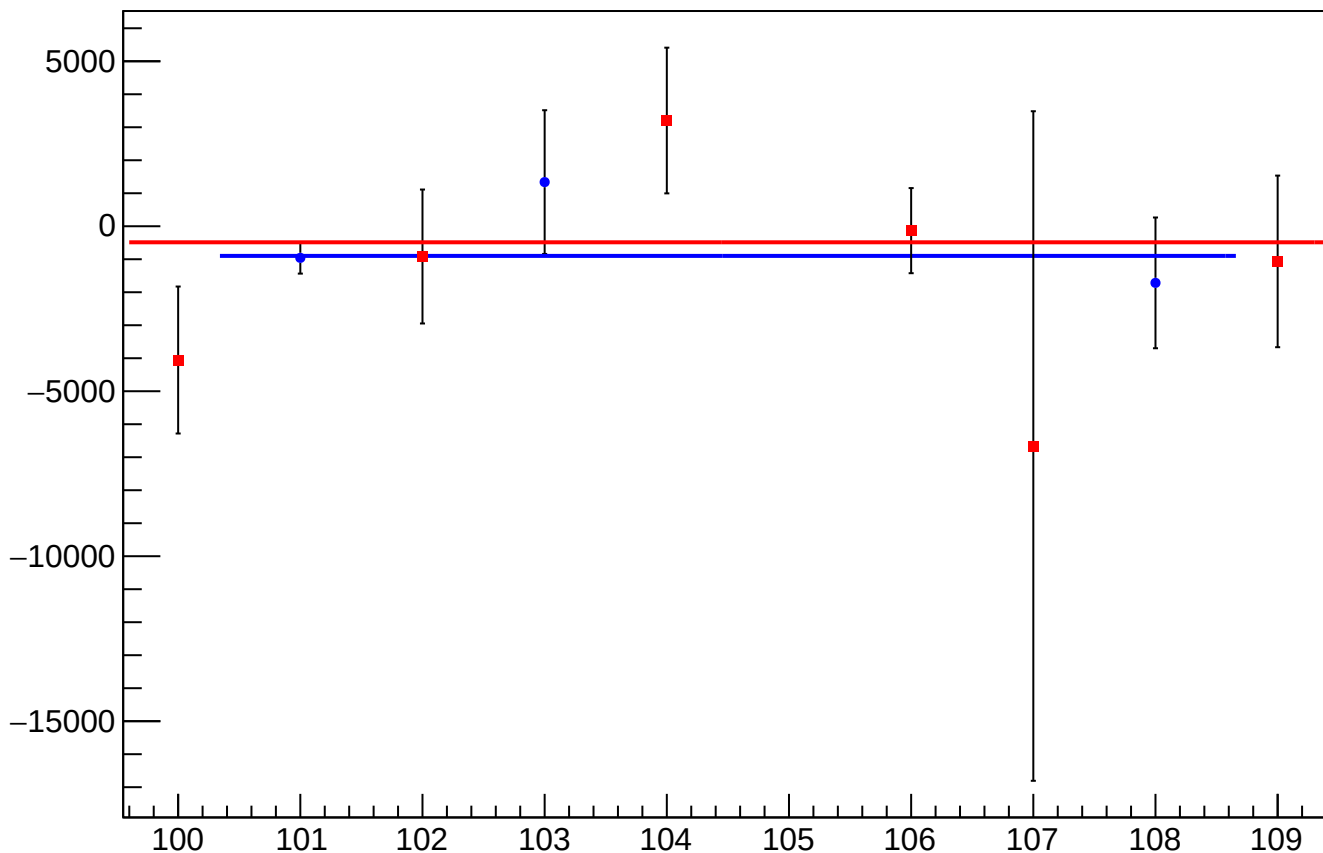
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1709.136+/-0.613 χ^2/NDF : 125072.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_mean vs Slug



Right In: -898.598 ± 453.477 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -486.491 ± 842.689 χ^2/NDF : 5.9/5

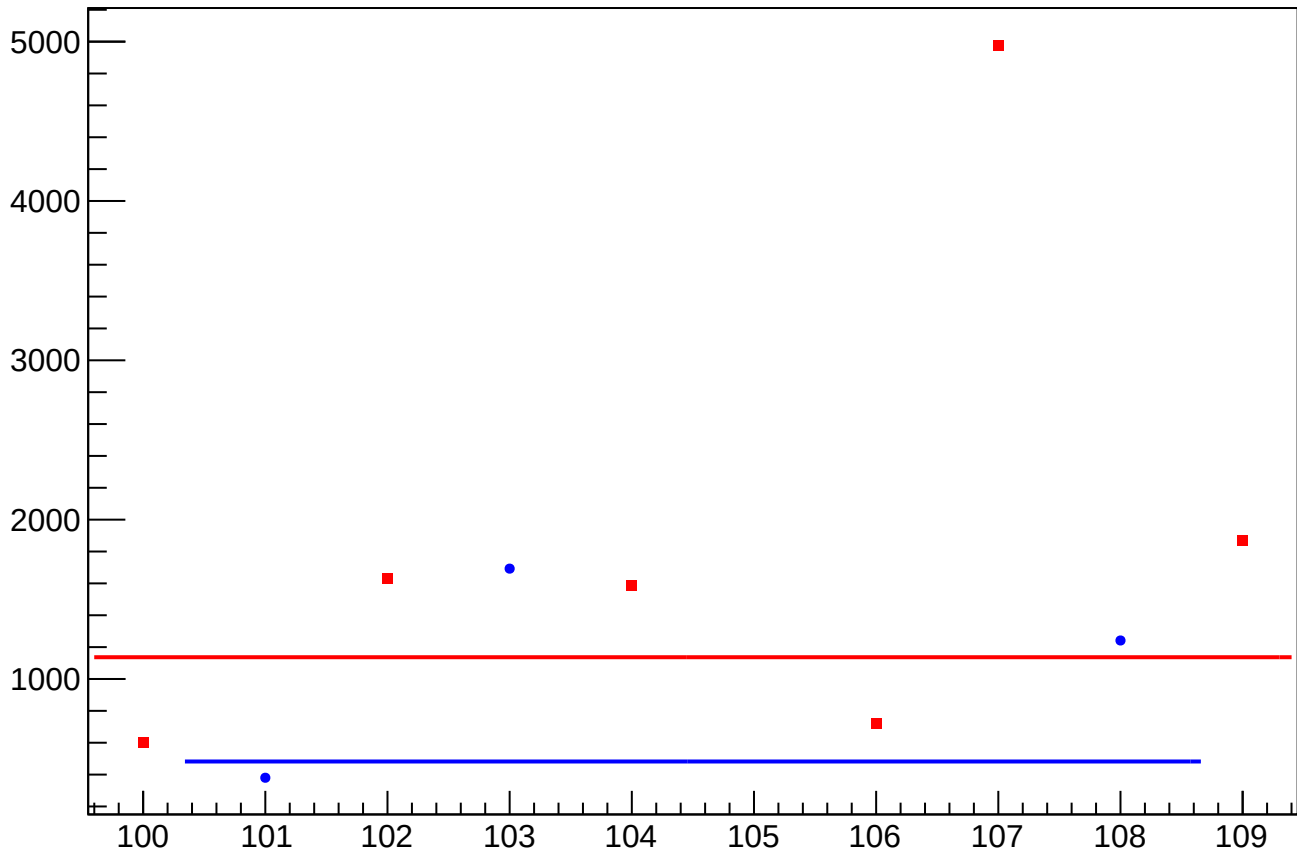
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -806.056 ± 399.329 χ^2/NDF : 7.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 482.231+/-0.321 χ^2/NDF : 1003076.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.594+/-0.596 χ^2/NDF : 968853.1/5

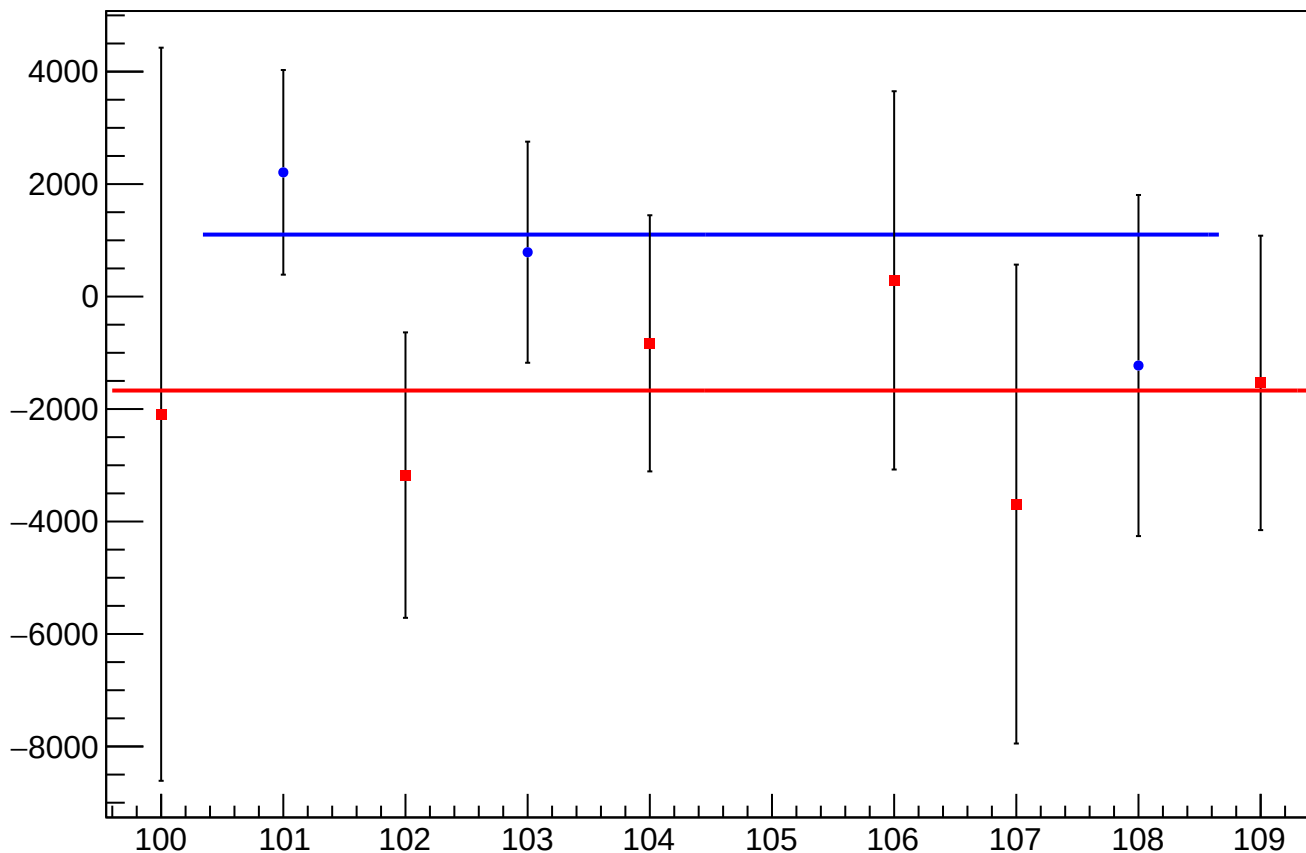
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.173+/-0.282 χ^2/NDF : 2907083.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 1102.170 $\pm$ 1222.147 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1670.803 $\pm$ 1229.863 χ^2 /NDF: 1.1/5

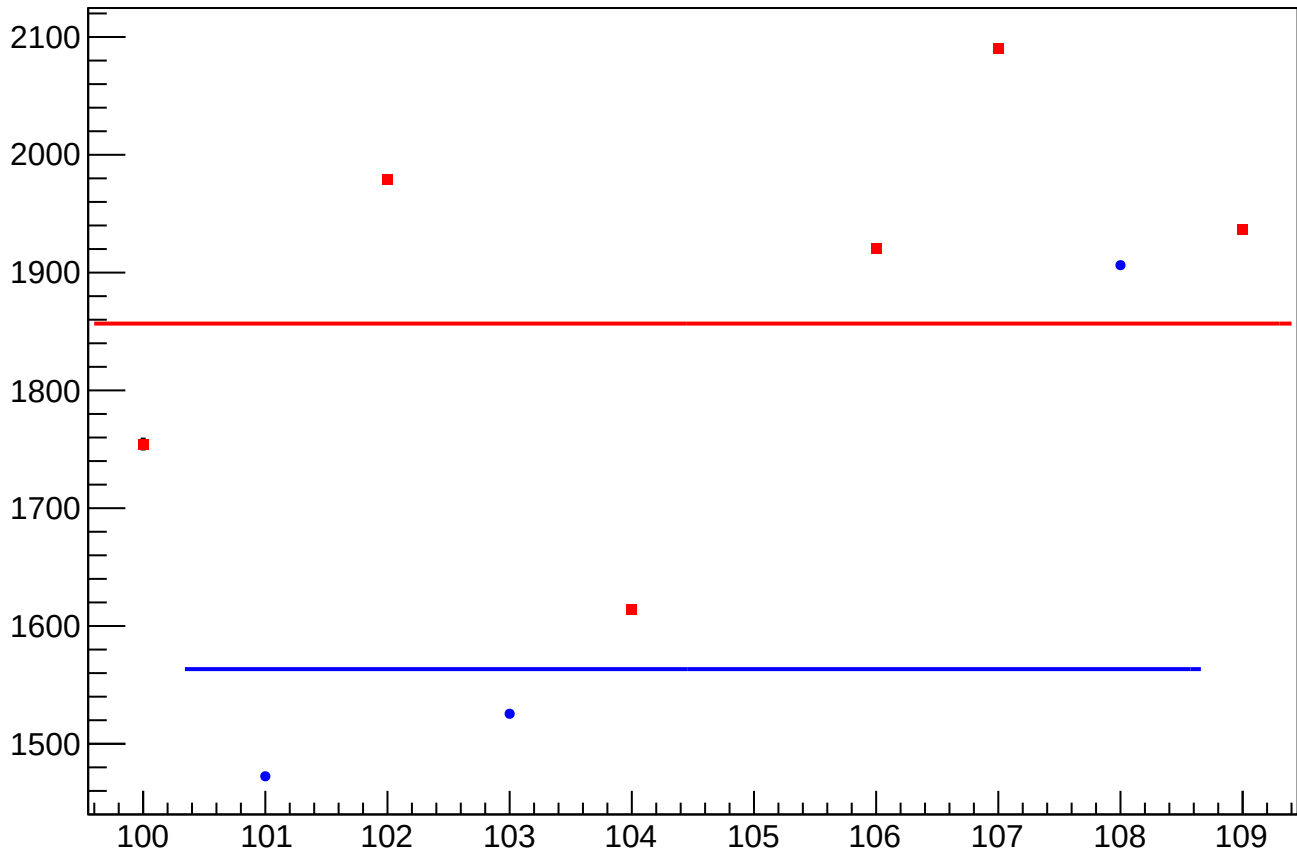
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -275.591 $\pm$ 866.904 χ^2 /NDF: 4.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1563.394 $\pm$ 0.864 χ^2 /NDF: 31315.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1856.721 $\pm$ 0.870 χ^2 /NDF: 36515.8/5

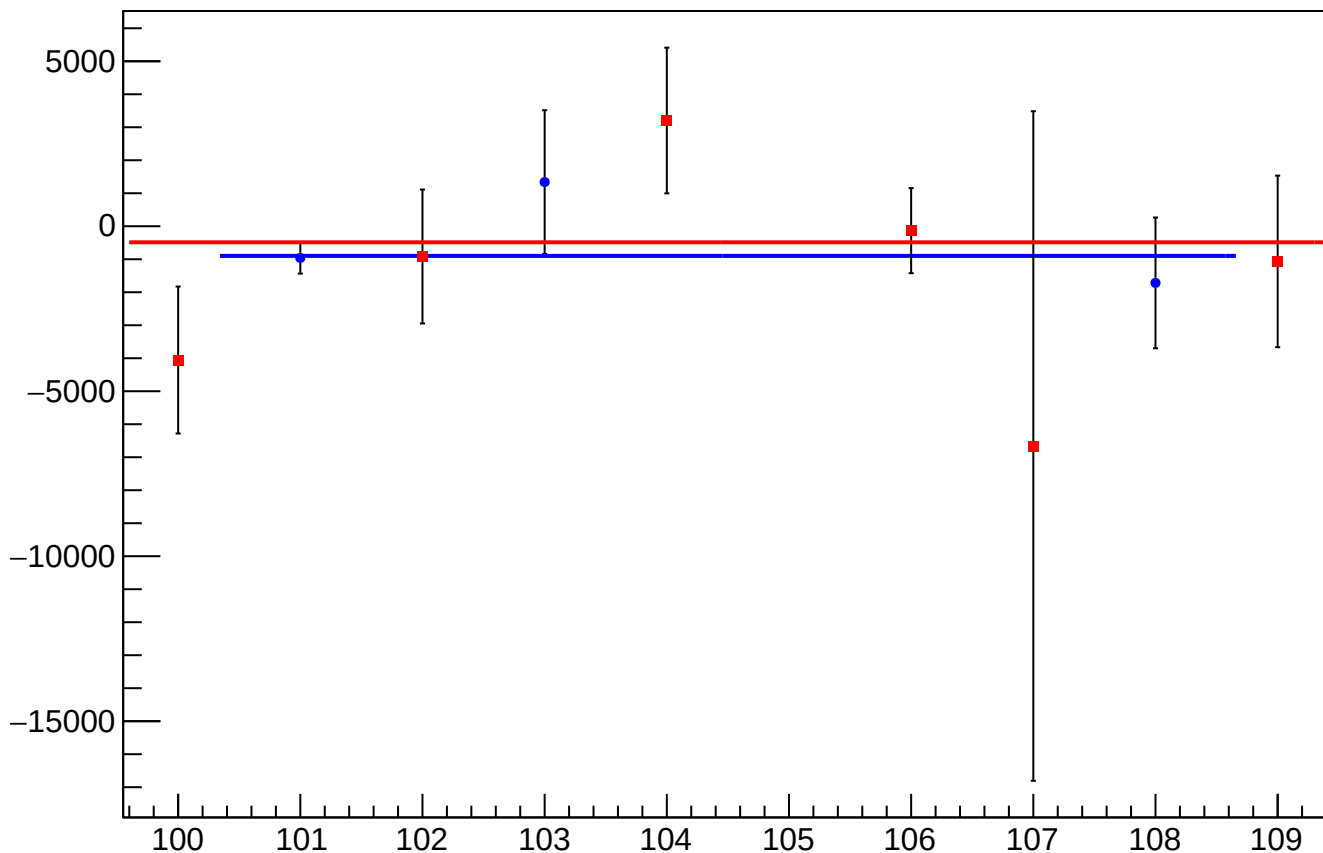
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1709.135 $\pm$ 0.613 χ^2 /NDF: 125073.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug



Right In: -898.601+/-453.478 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -486.492+/-842.689 χ^2/NDF : 5.9/5

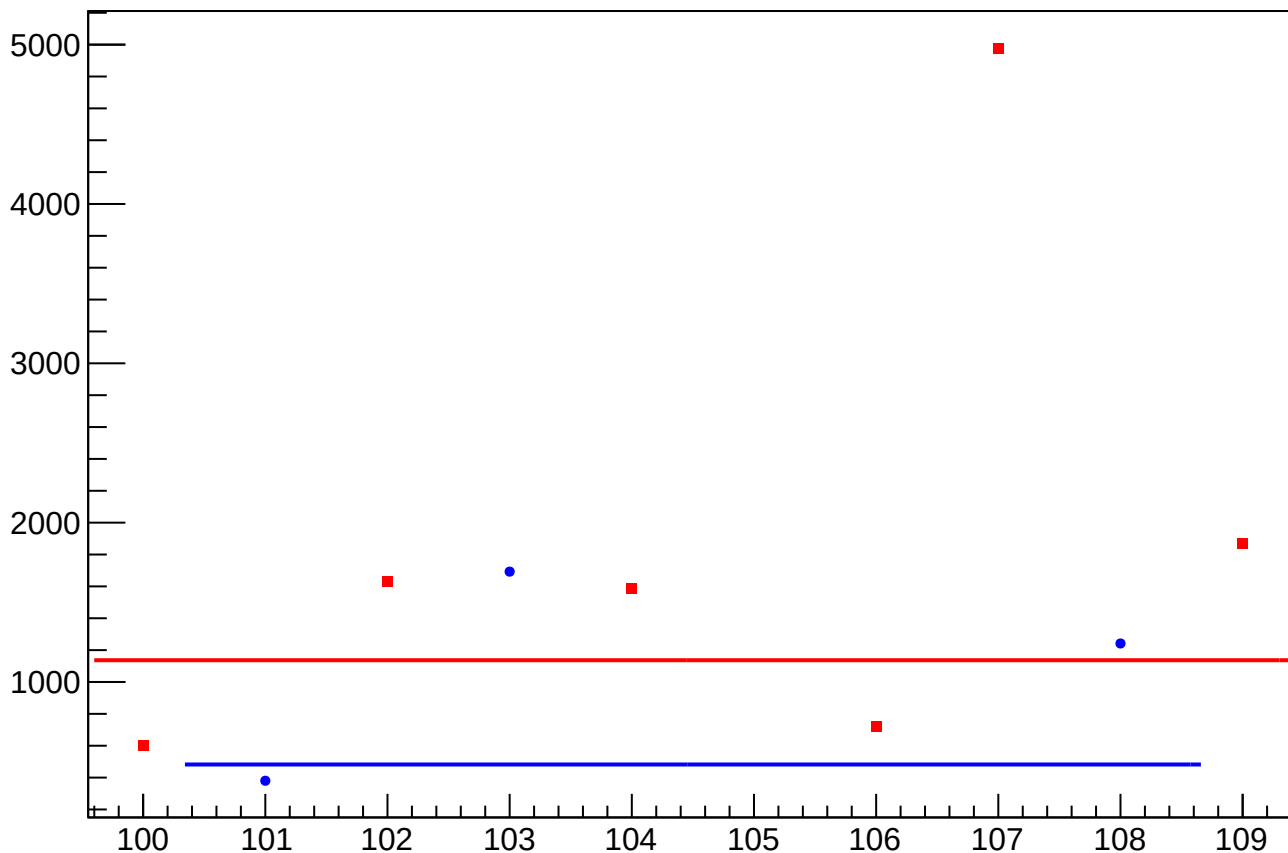
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.058+/-399.330 χ^2/NDF : 7.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 482.232+/-0.321 χ^2/NDF : 1003076.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.595+/-0.596 χ^2/NDF : 968853.7/5

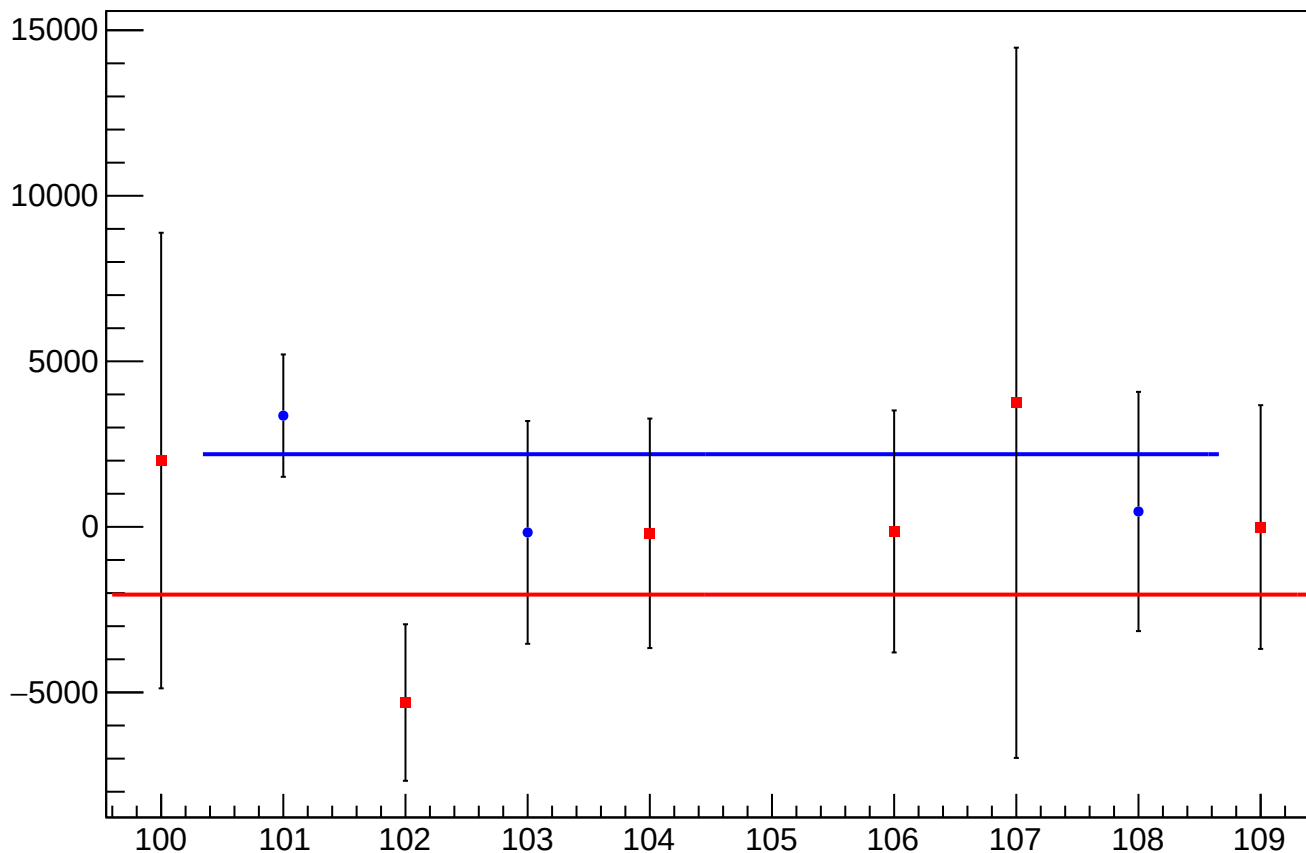
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.174+/-0.282 χ^2/NDF : 2907081.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2194.394 $\pm$ 1477.940 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2045.847 $\pm$ 1506.378 χ^2 /NDF: 3.4/5

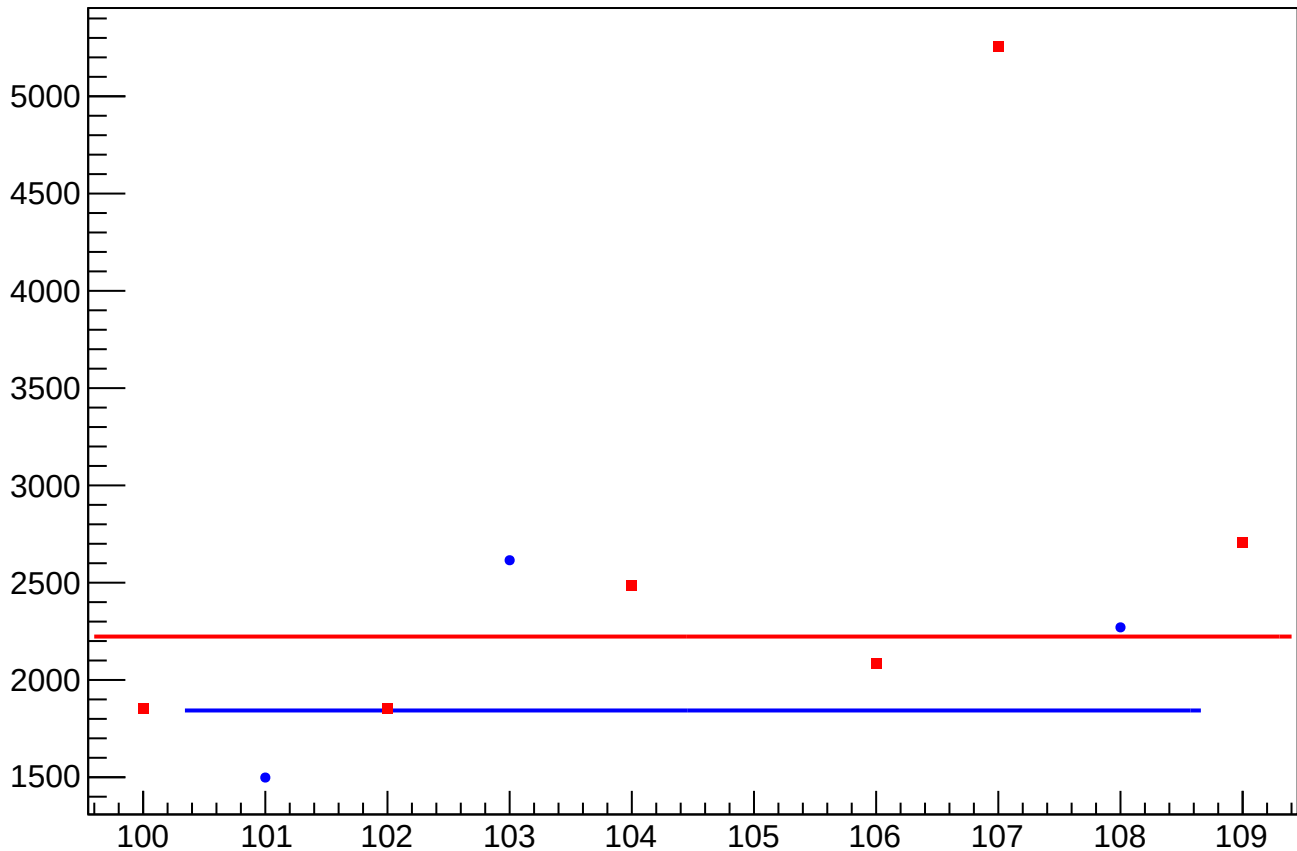
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.676 $\pm$ 1054.972 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_rms vs Slug



Right In: 1843.172+/-1.045 χ^2/NDF : 202932.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2223.103+/-1.065 χ^2/NDF : 263342.6/5

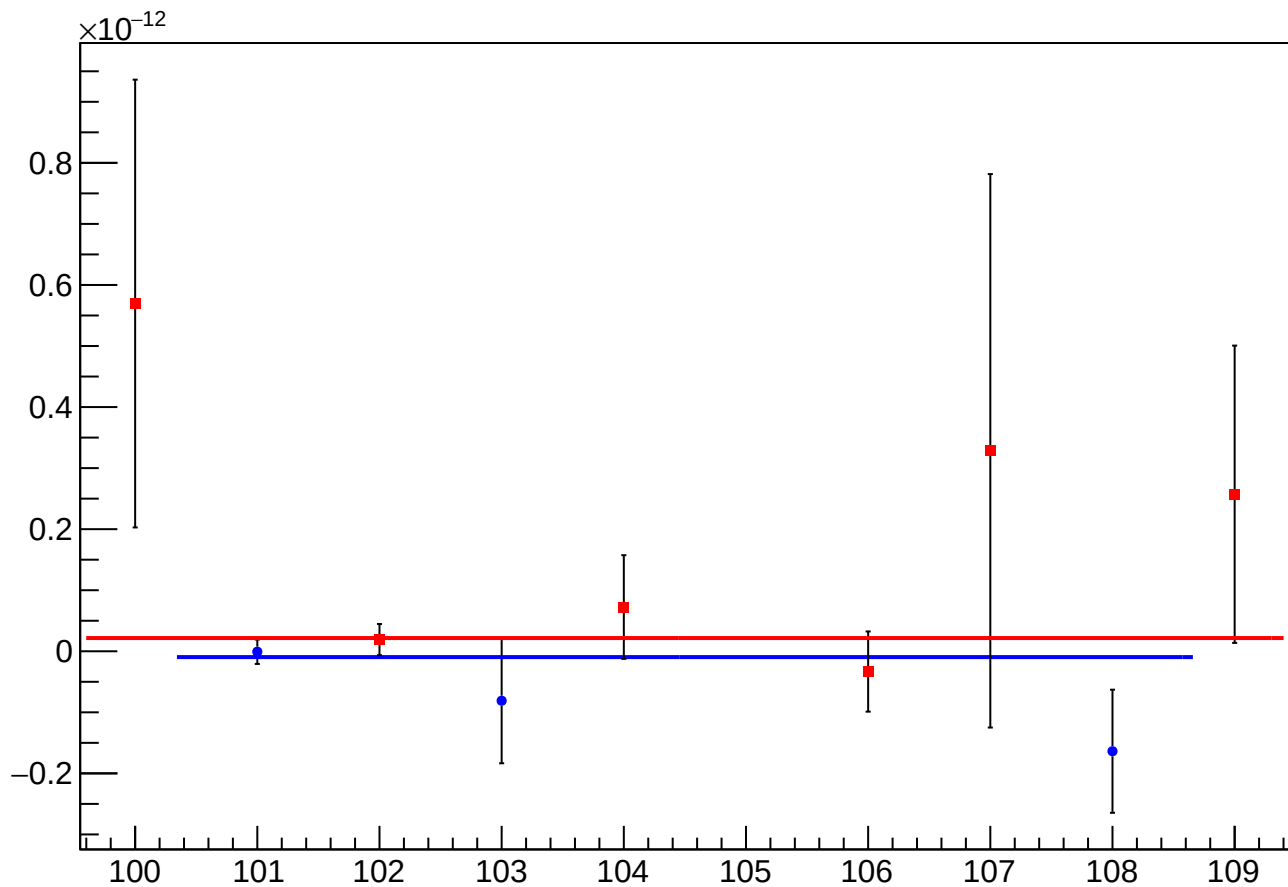
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2029.518+/-0.746 χ^2/NDF : 531100.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 3.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.7/5

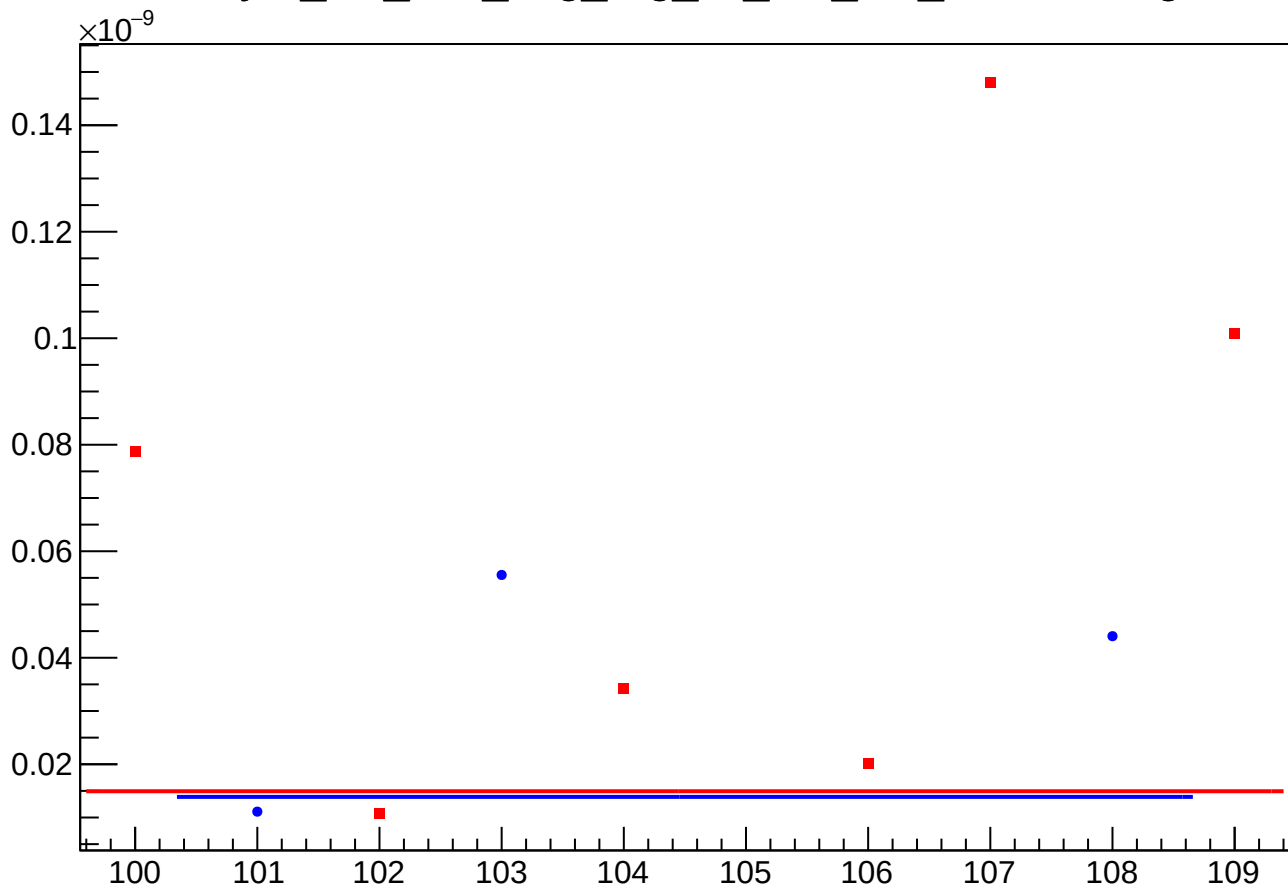
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 8.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 548462.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 652523.7/5

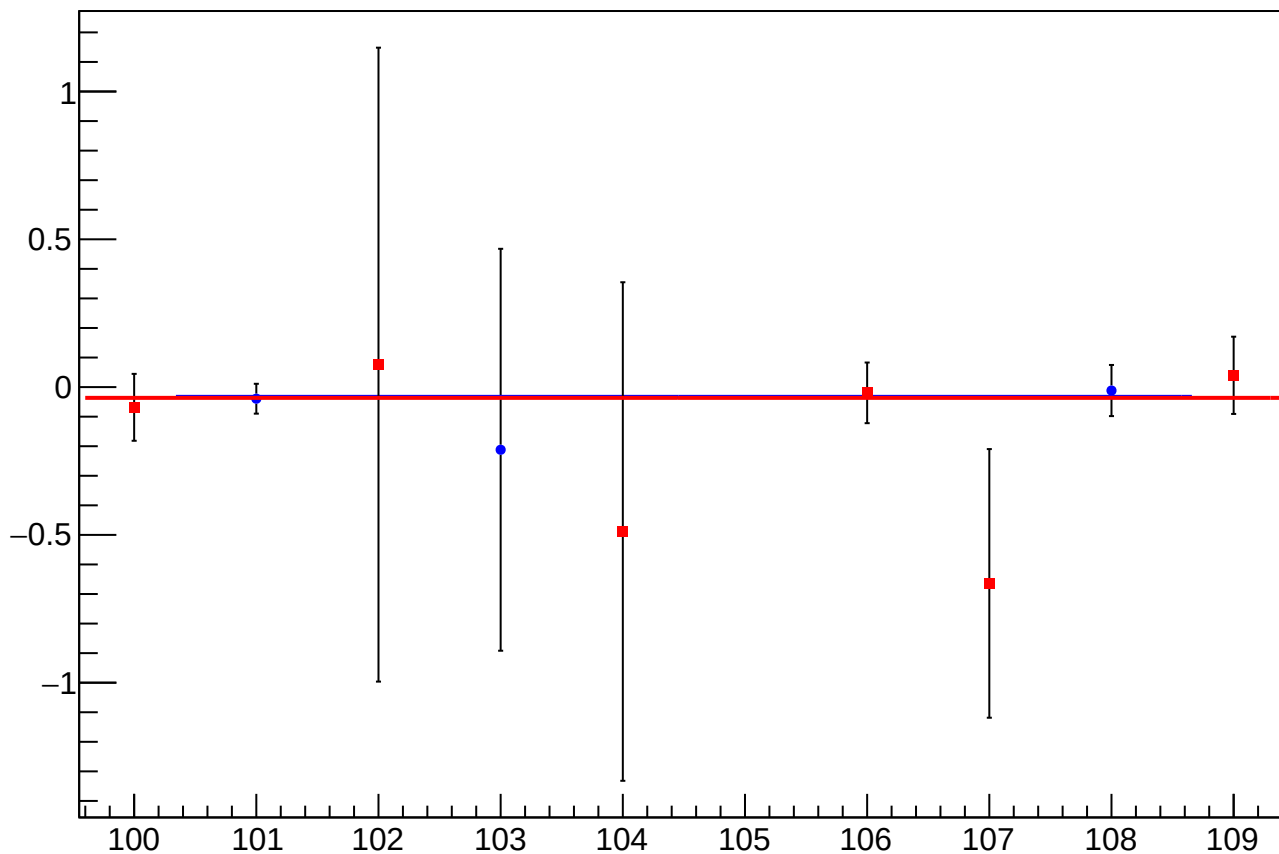
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1203497.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.033+/-0.044 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.065 χ^2/NDF : 2.7/5

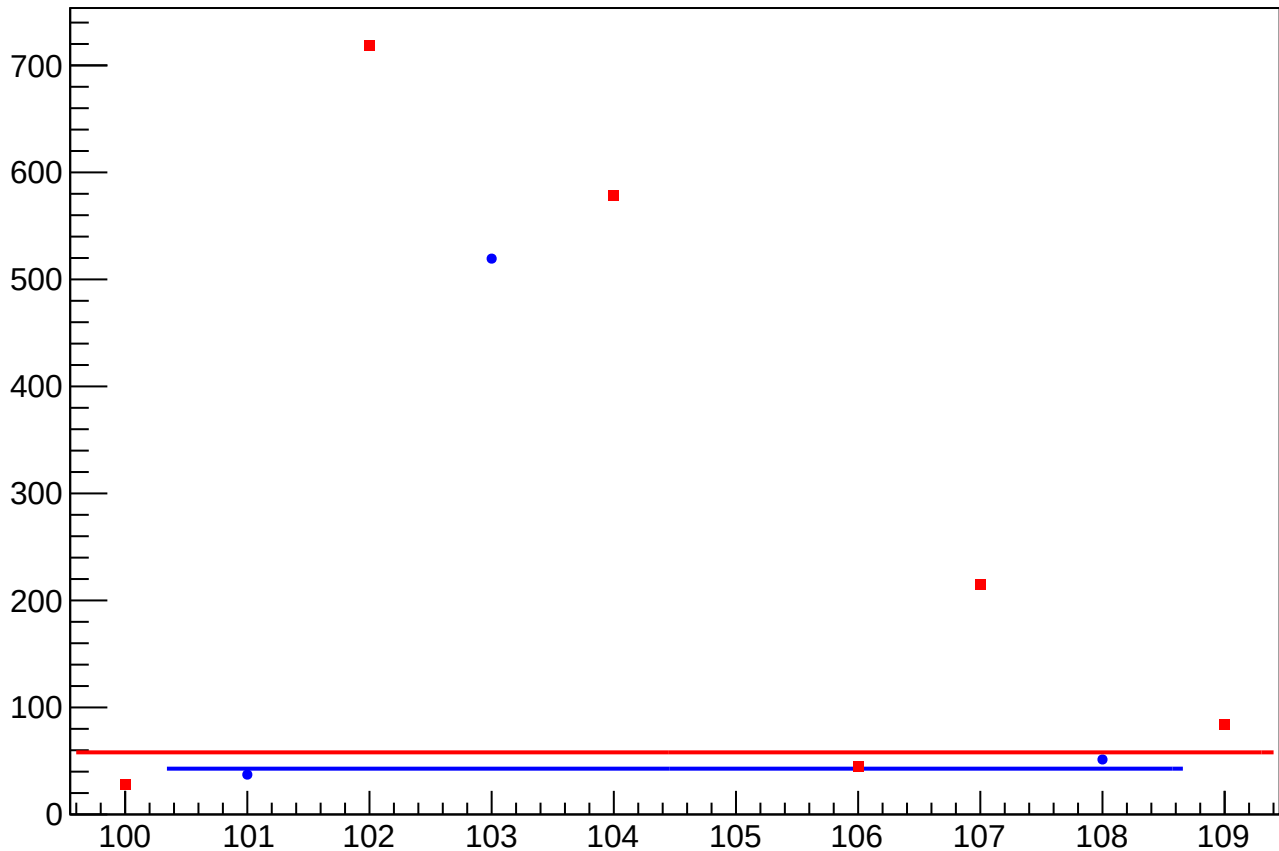
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.036 χ^2/NDF : 2.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 42.789+/-0.031 χ^2/NDF : 1026906.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.028+/-0.046 χ^2/NDF : 2011837.2/5

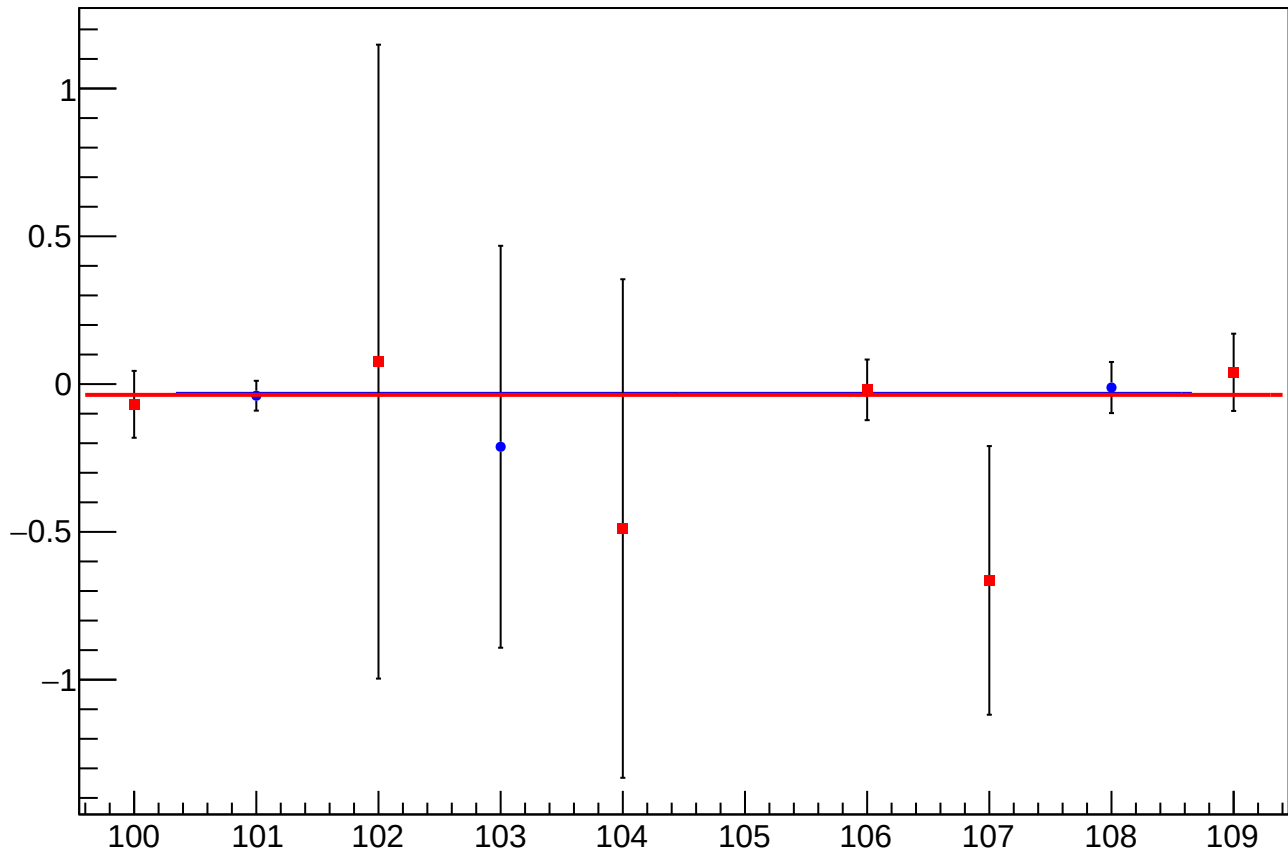
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.535+/-0.026 χ^2/NDF : 3115114.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.044 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.065 χ^2/NDF : 2.7/5

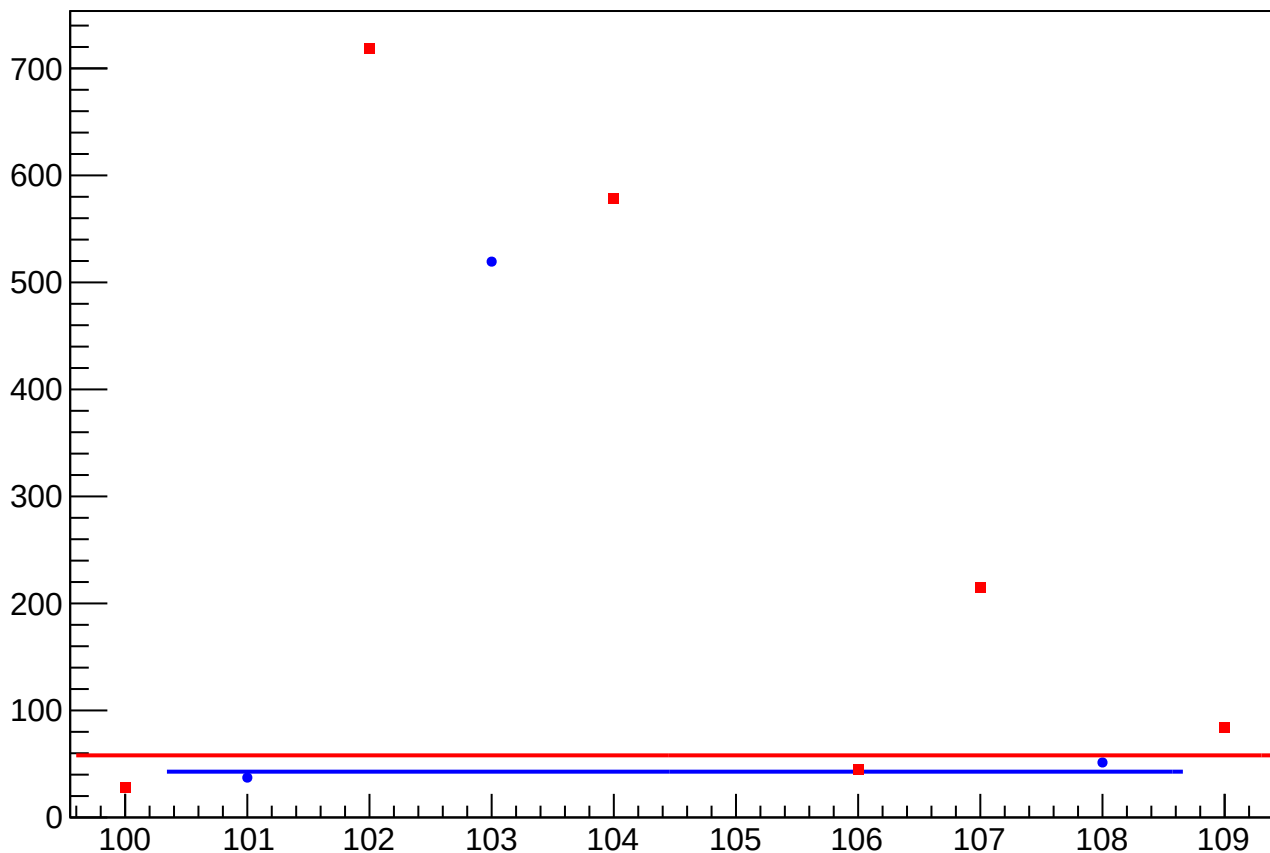
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.036 χ^2/NDF : 2.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.789+/-0.031 χ^2/NDF : 1026906.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.028+/-0.046 χ^2/NDF : 2011837.2/5

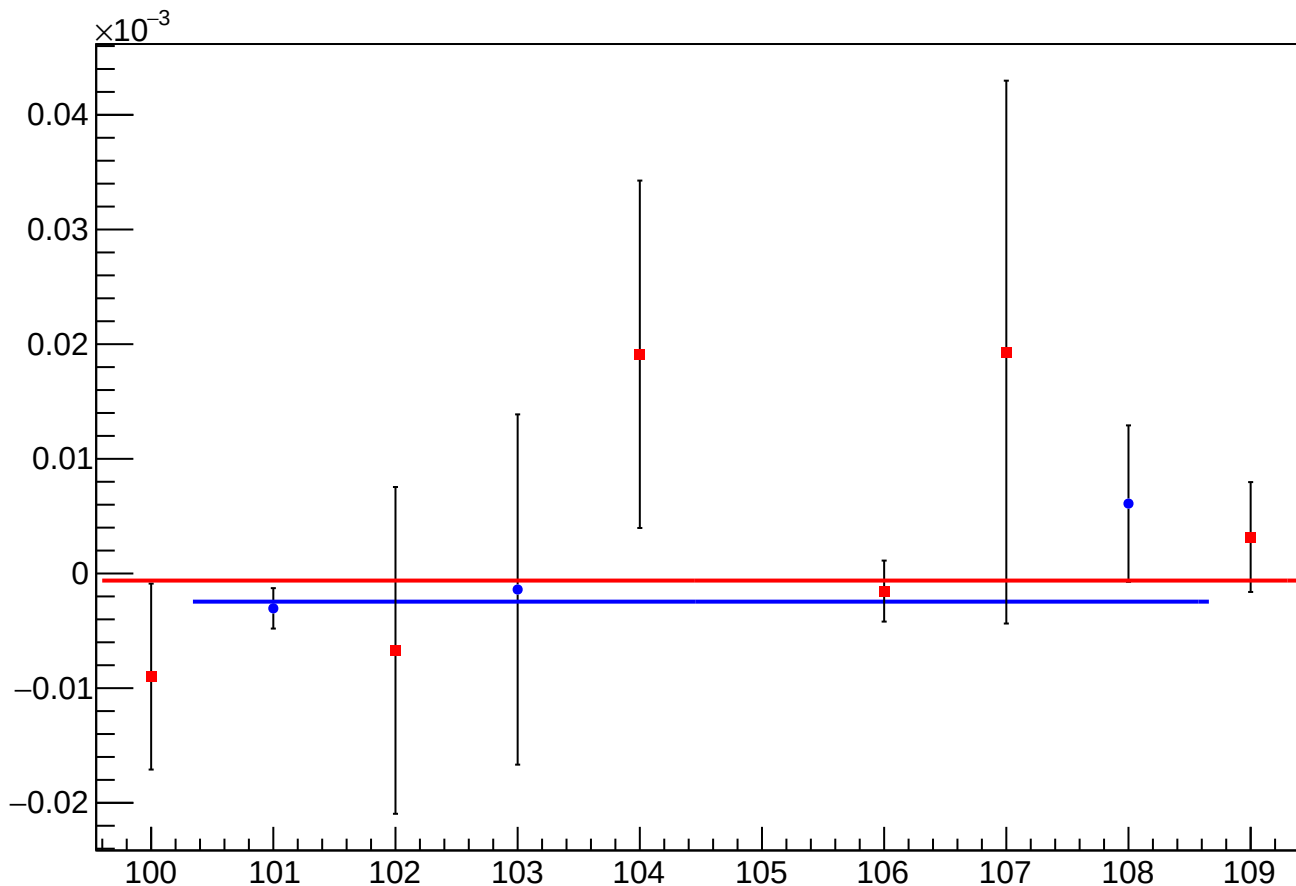
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.535+/-0.026 χ^2/NDF : 3115114.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.4/5

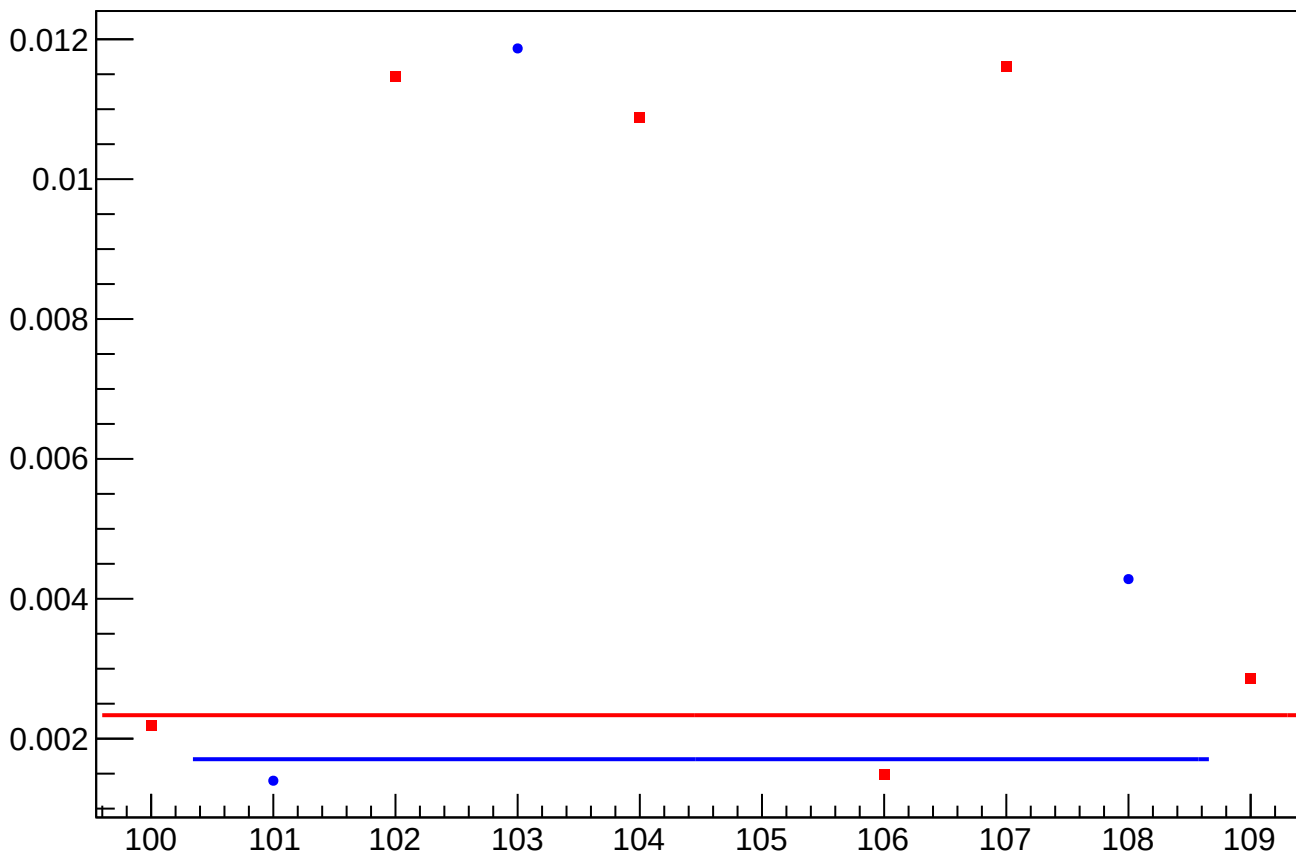
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1231301.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1989707.3/5

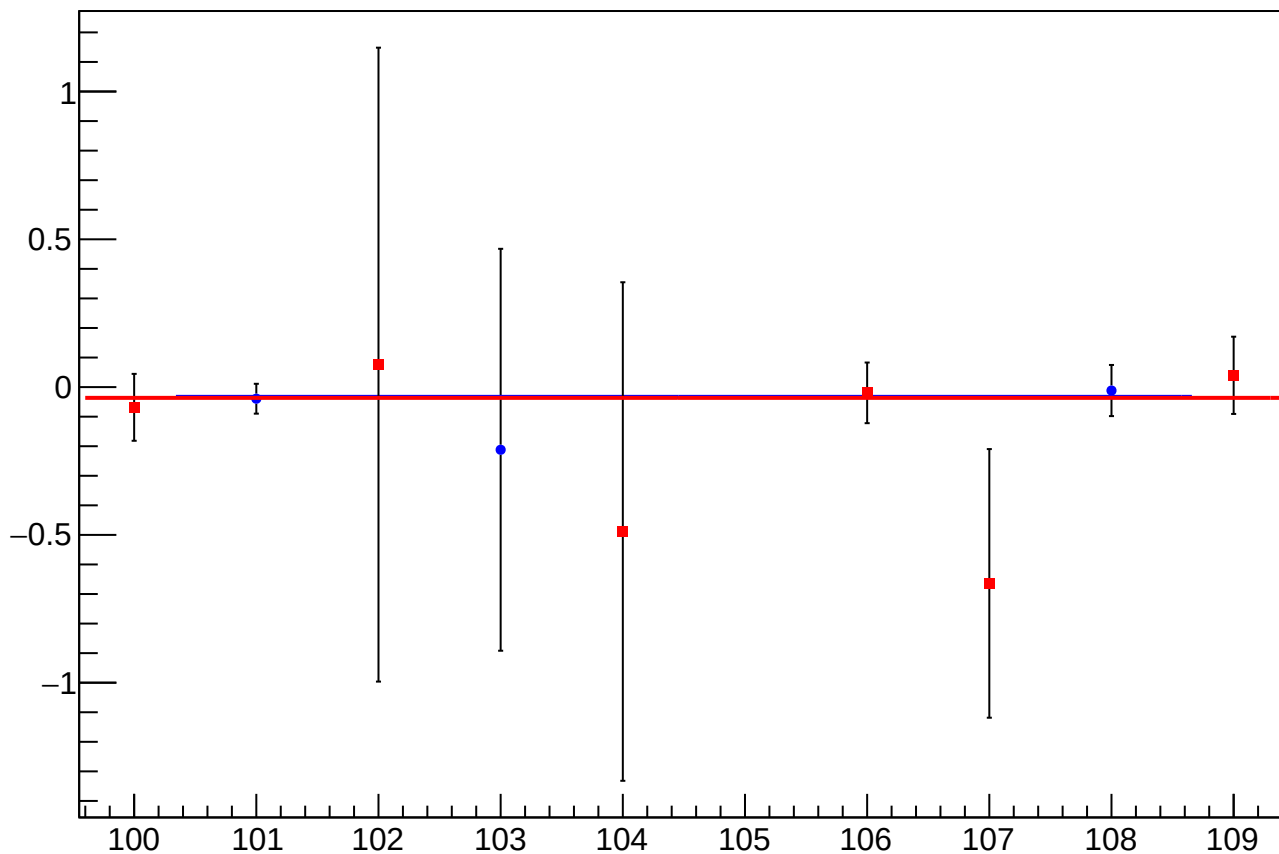
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3325029.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.033 $\pm$ 0.044 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.036 $\pm$ 0.065 χ^2 /NDF: 2.7/5

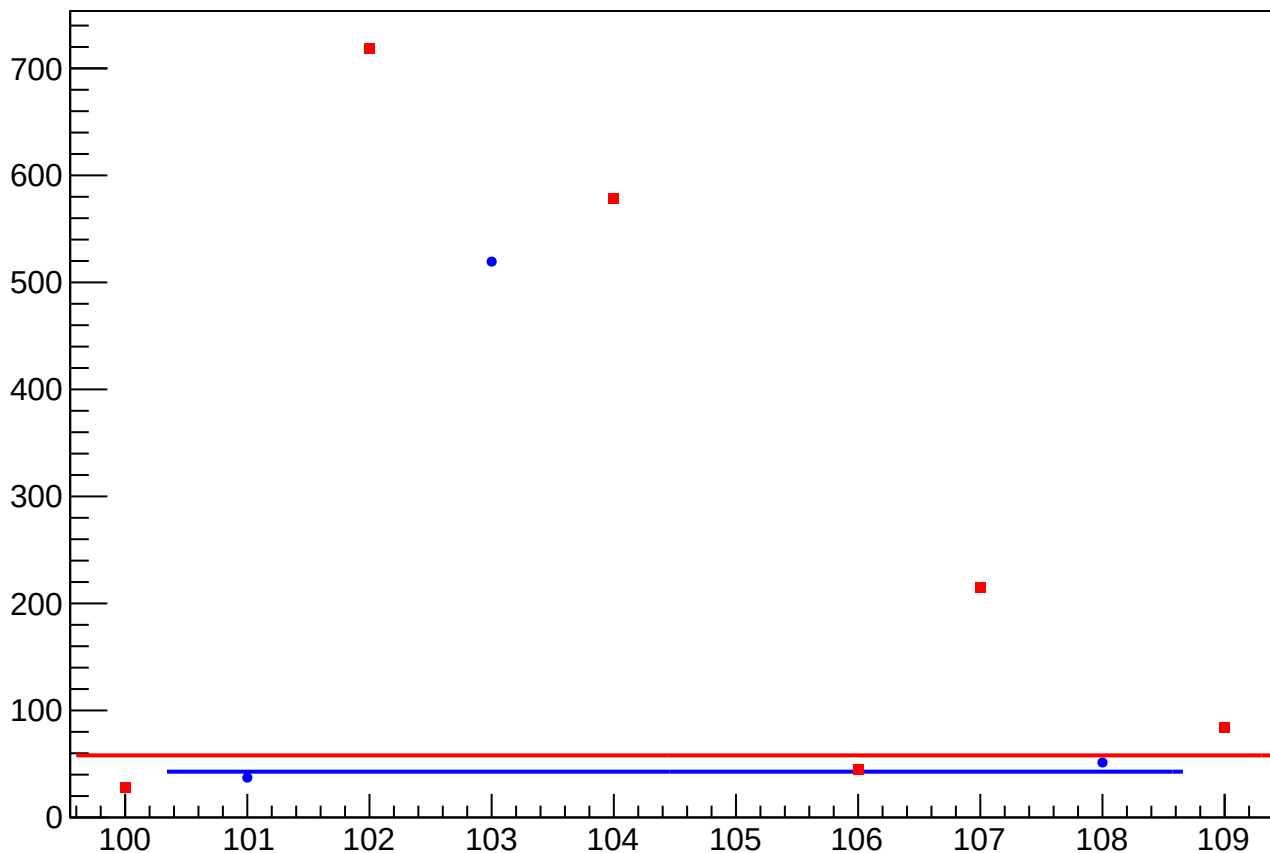
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.036 χ^2 /NDF: 2.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 42.790 $\pm$ 0.031 χ^2 /NDF: 1026906.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.027 $\pm$ 0.046 χ^2 /NDF: 2011830.7/5

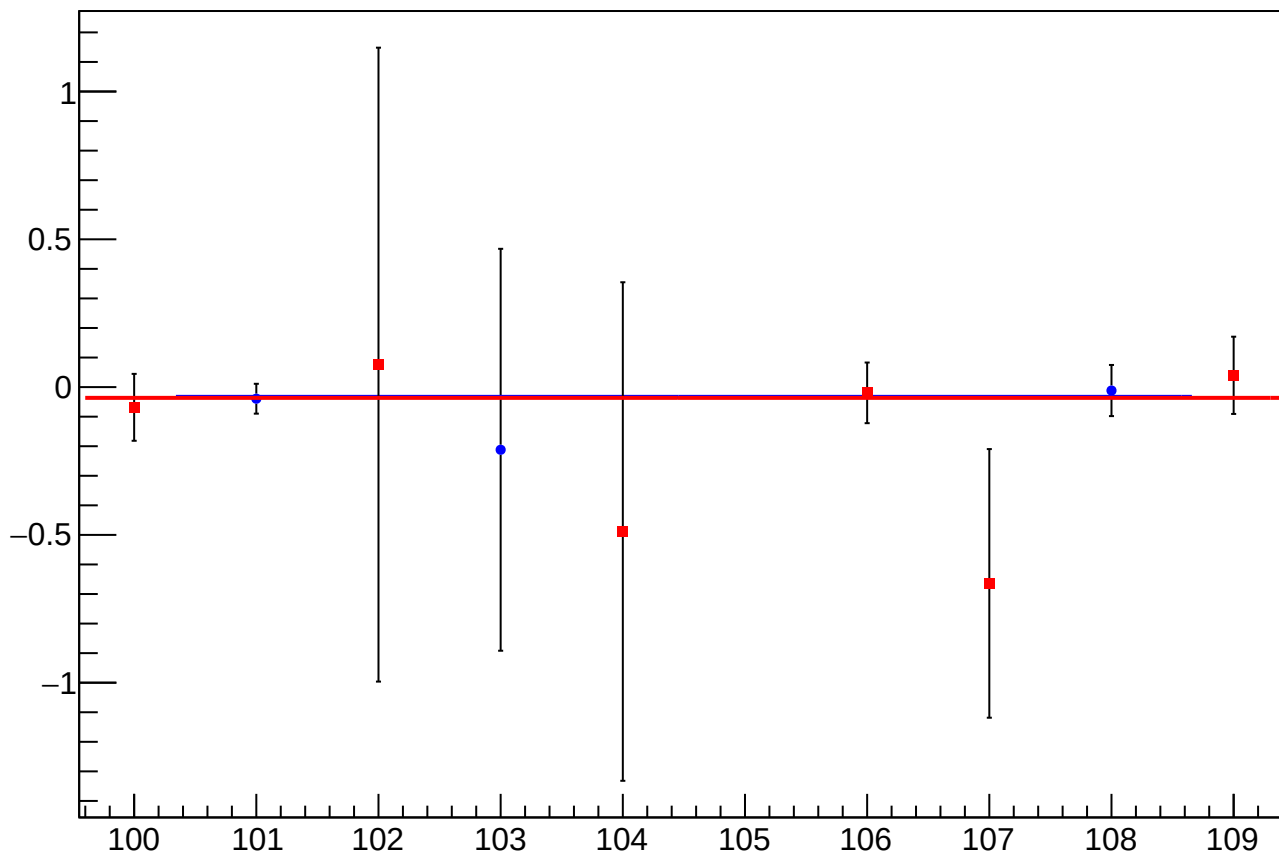
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.535 $\pm$ 0.026 χ^2 /NDF: 3115095.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.044 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.065 χ^2/NDF : 2.7/5

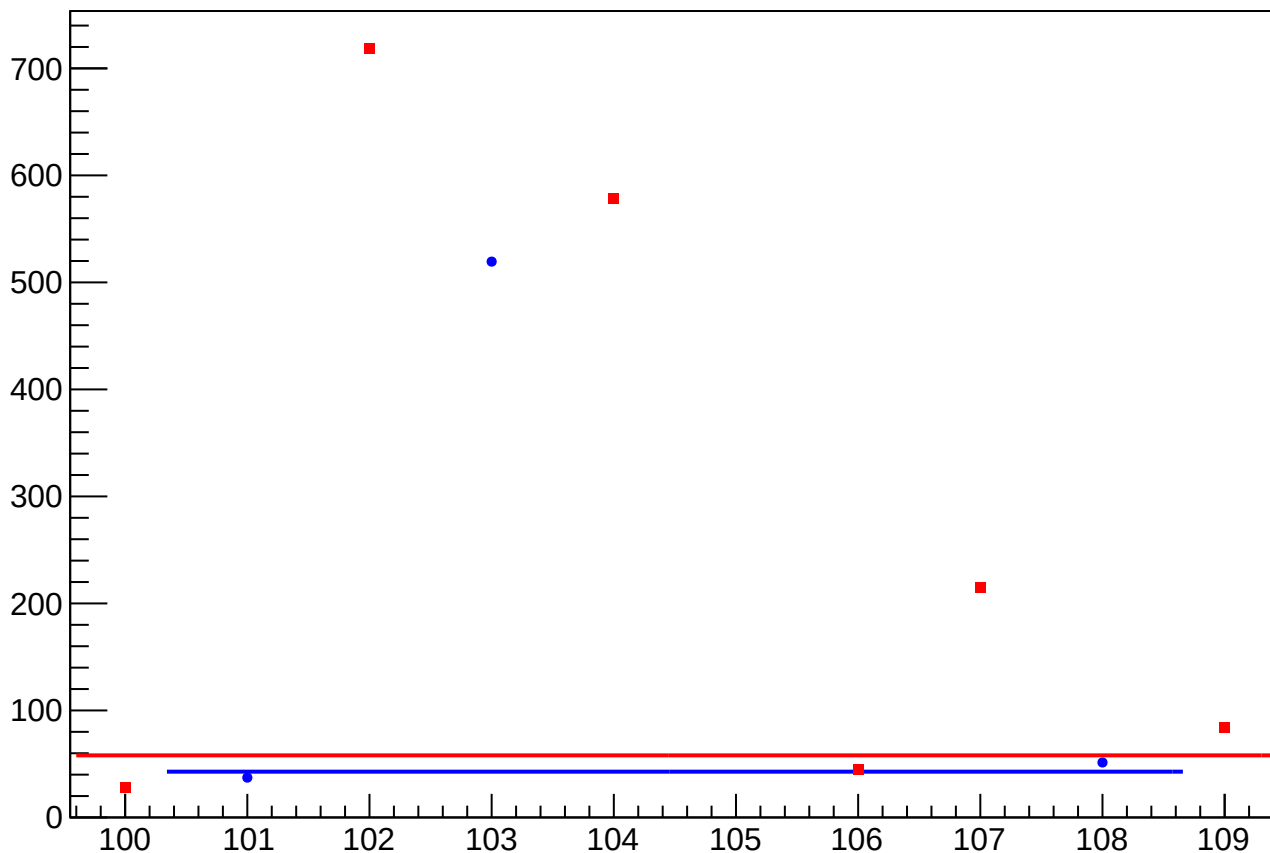
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.034+/-0.036 χ^2/NDF : 2.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.790 $\pm$ 0.031 χ^2 /NDF: 1026906.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.027 $\pm$ 0.046 χ^2 /NDF: 2011830.7/5

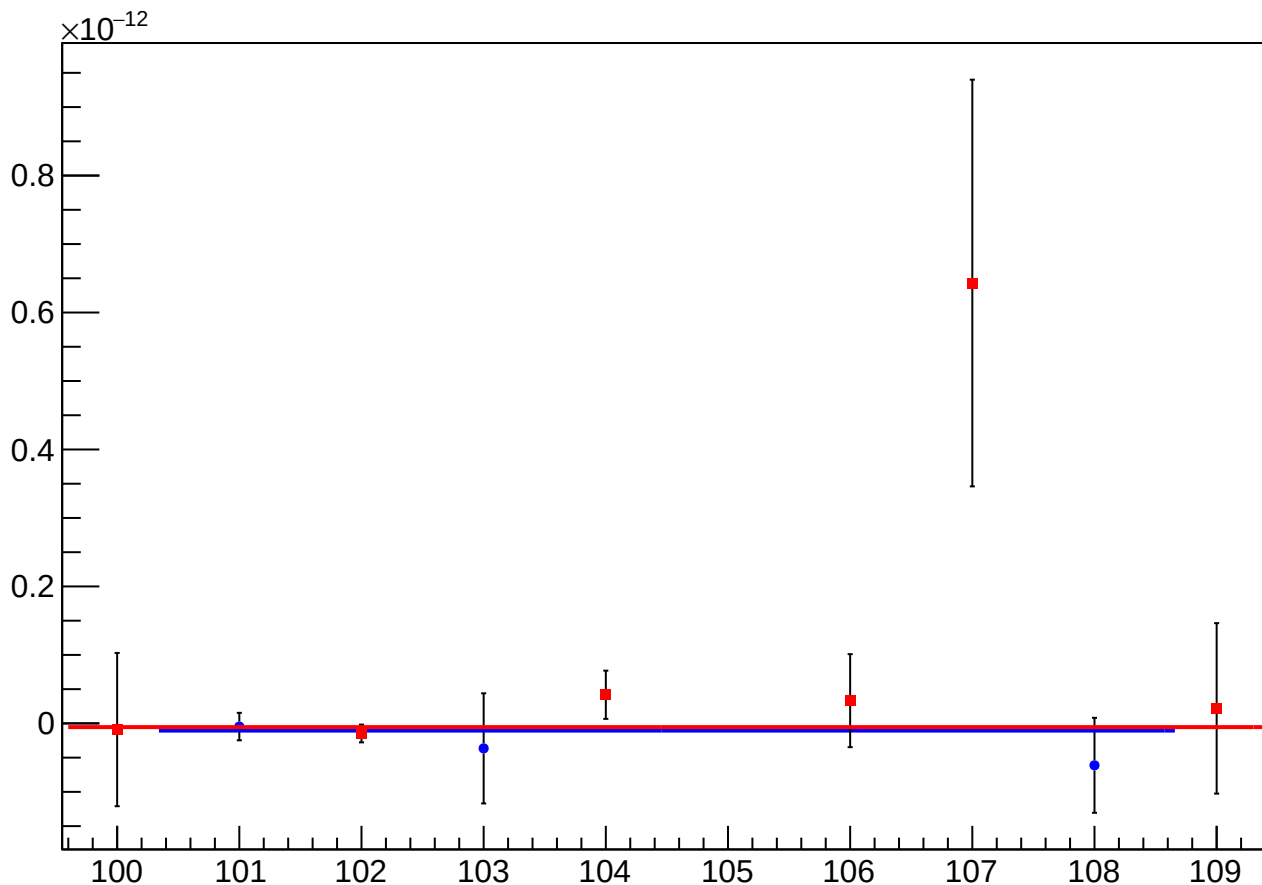
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.535 $\pm$ 0.026 χ^2 /NDF: 3115095.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.5/5

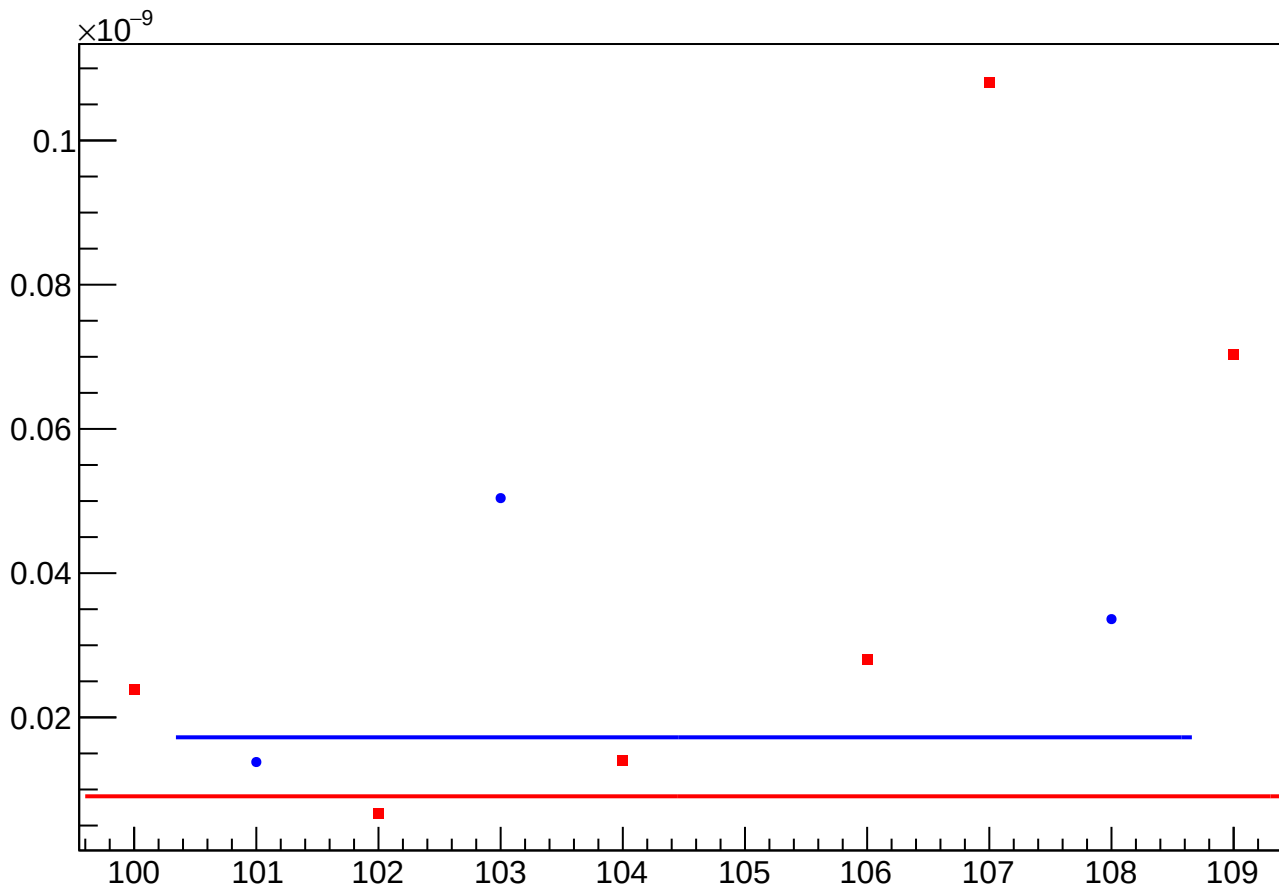
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 510613.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1006151.2/5

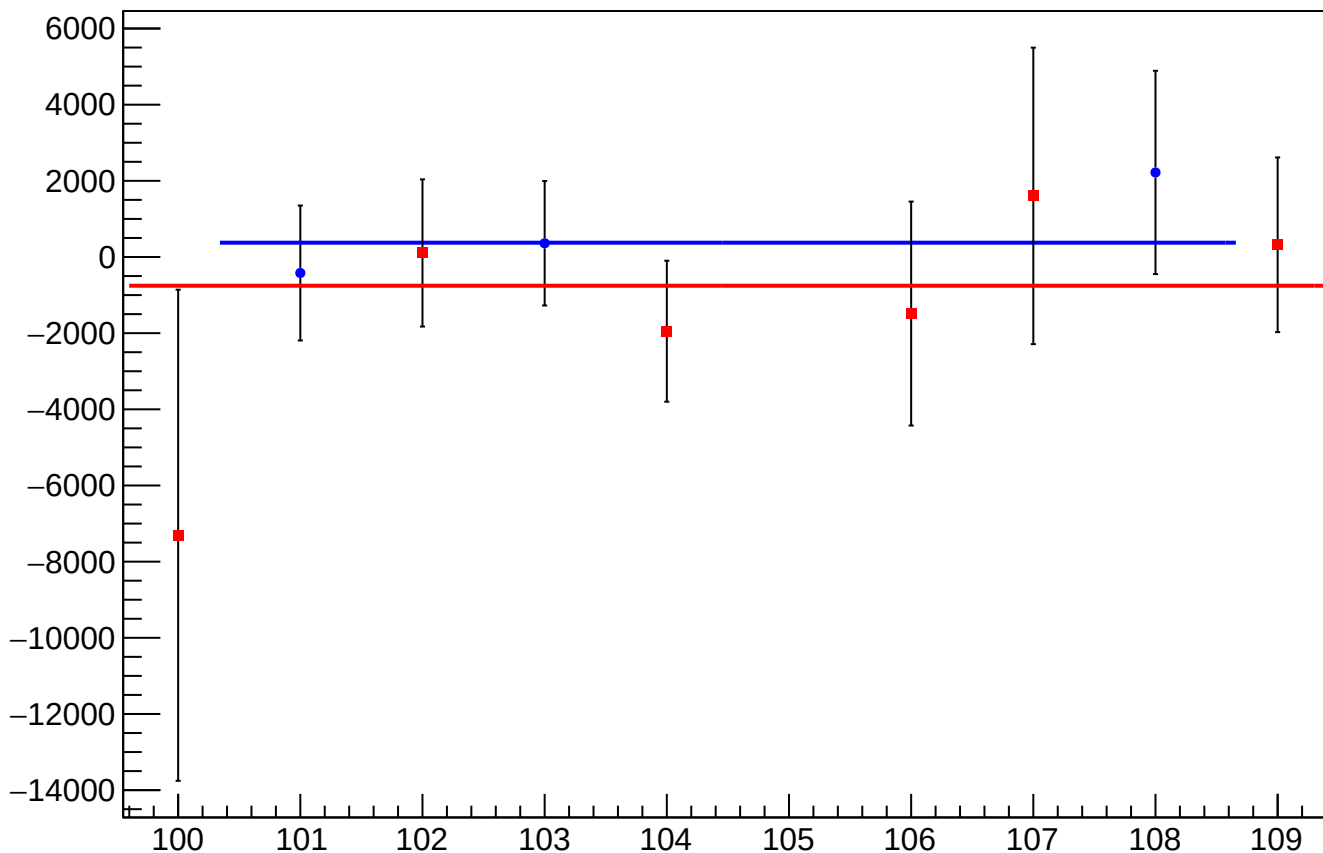
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1789452.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: 375.746 ± 1095.415 χ^2/NDF : 0.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -754.370 ± 1023.053 χ^2/NDF : 2.3/5

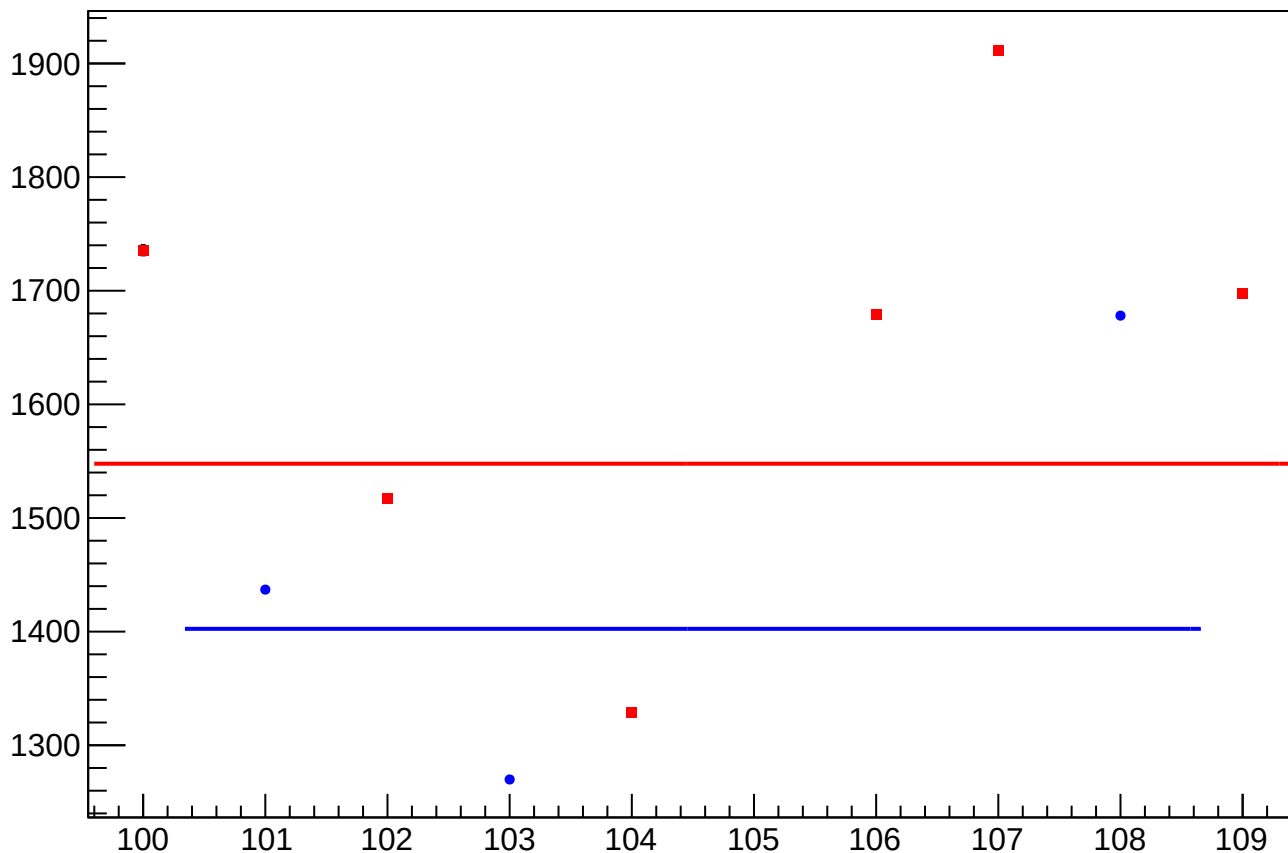
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -227.869 ± 747.682 χ^2/NDF : 3.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1402.451+/-0.775 χ^2/NDF : 35251.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1547.766+/-0.723 χ^2/NDF : 60199.1/5

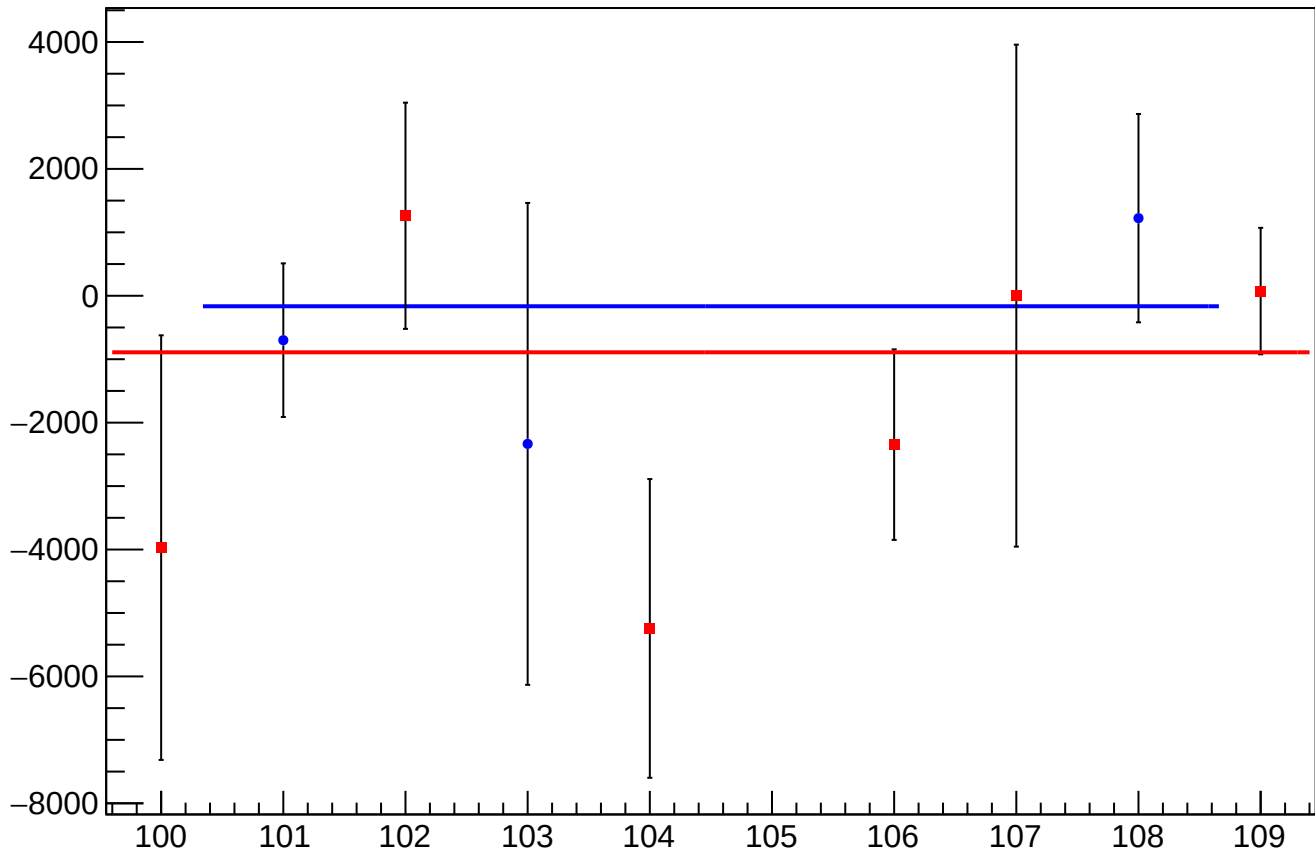
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1480.066+/-0.529 χ^2/NDF : 114249.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: -165.331+/-944.033 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -891.085+/-690.375 χ^2/NDF : 7.6/5

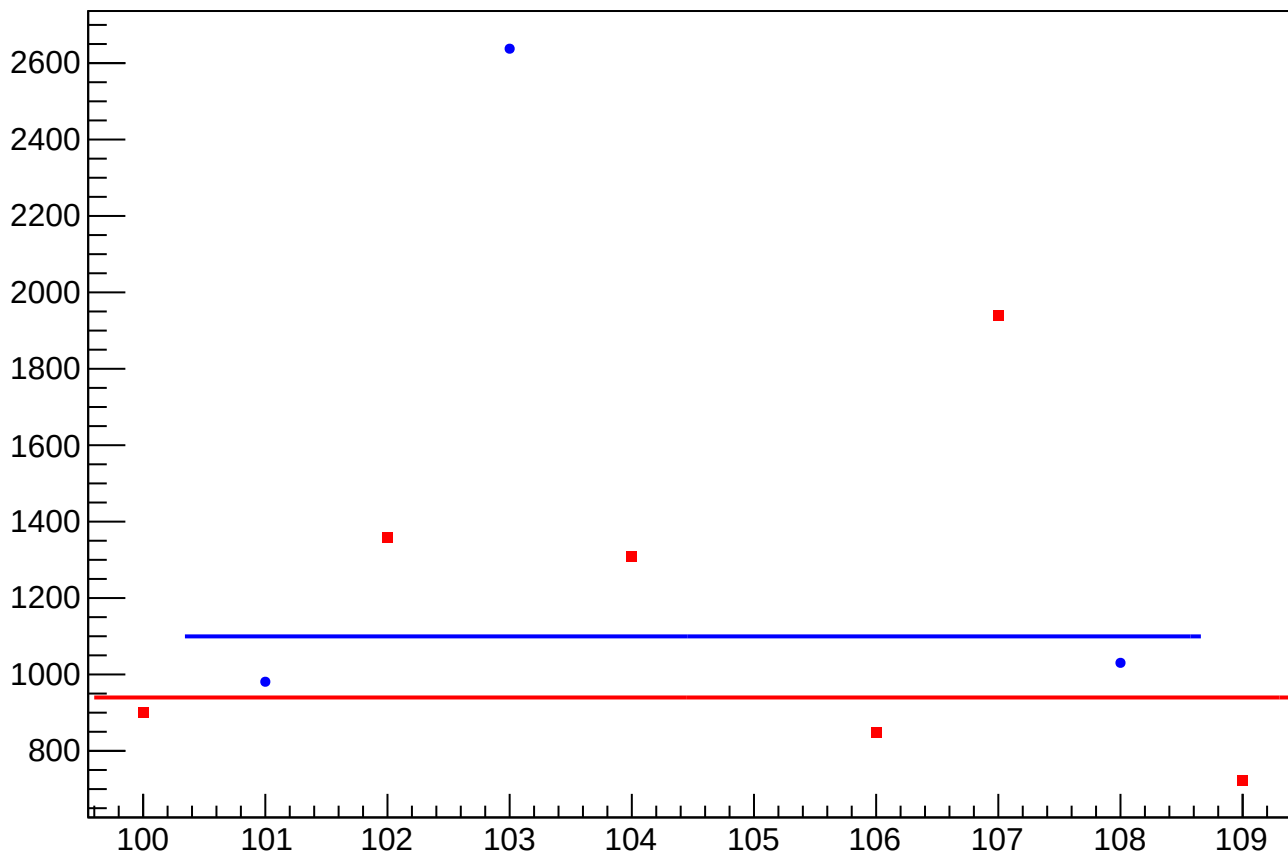
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -638.195+/-557.260 χ^2/NDF : 9.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 1099.646 $\pm$ 0.668 χ^2 /NDF: 350774.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 939.744 $\pm$ 0.488 χ^2 /NDF: 389844.7/5

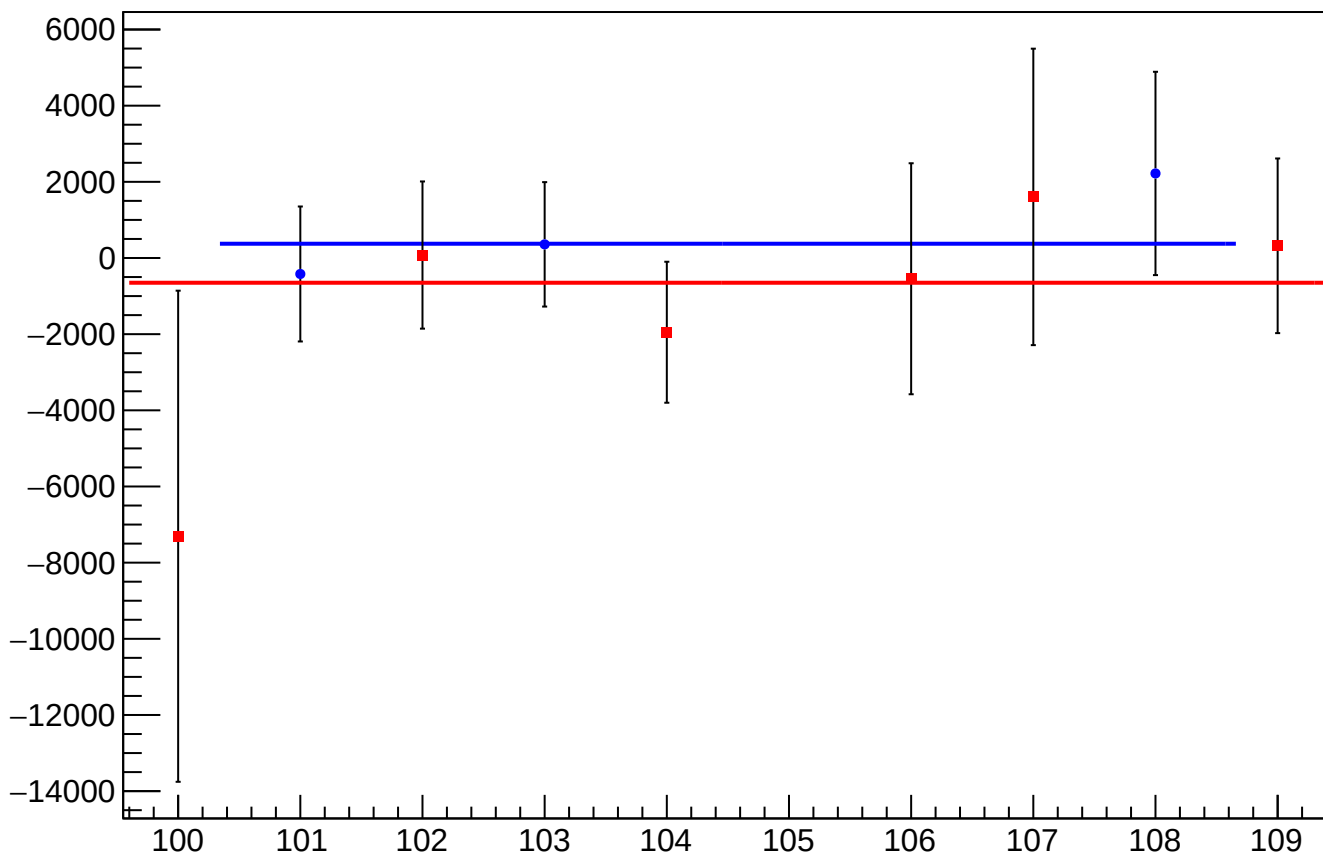
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 995.462 $\pm$ 0.394 χ^2 /NDF: 778005.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_dd_mean vs Slug



Right In: 374.586 $\pm$ 1095.415 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -649.818 $\pm$ 1026.821 χ^2 /NDF: 2.2/5

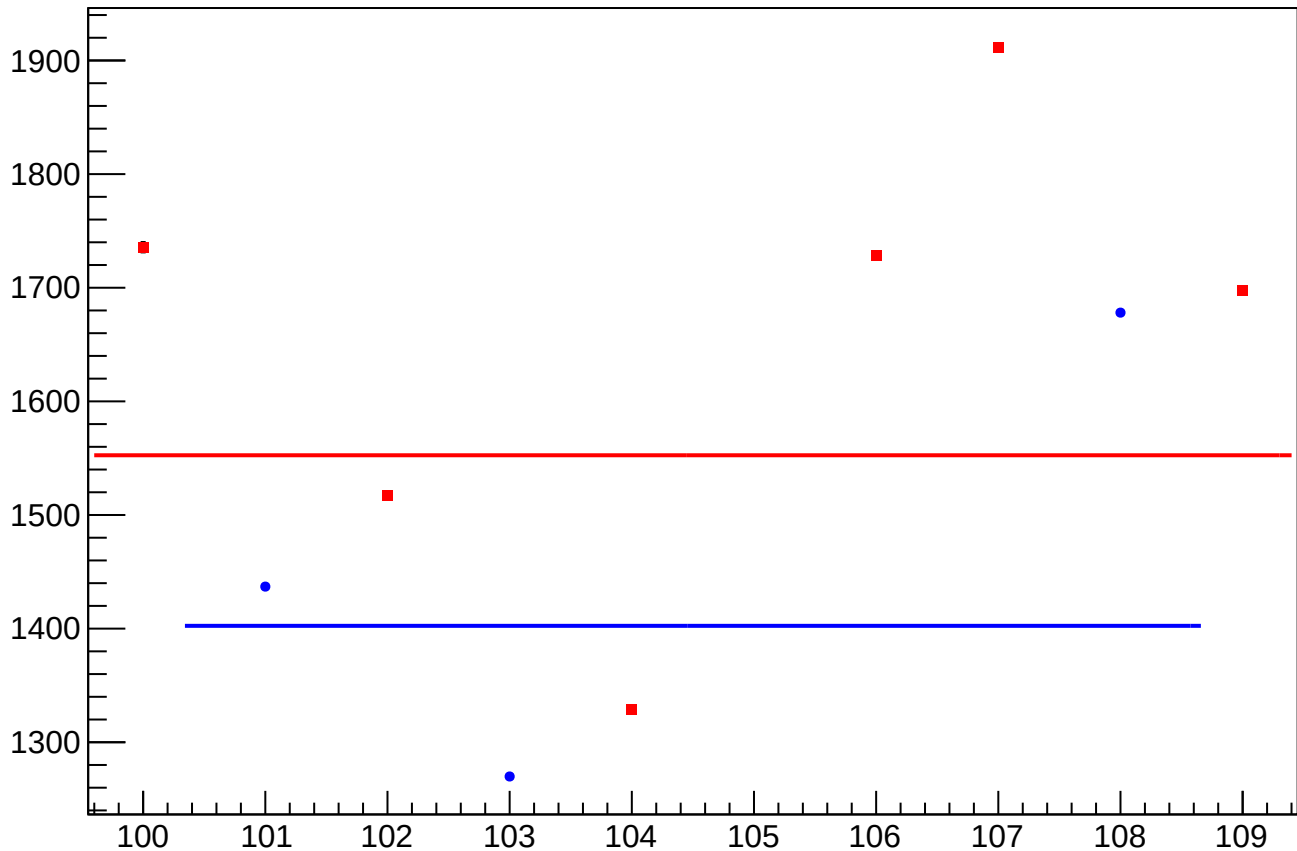
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -170.692 $\pm$ 749.149 χ^2 /NDF: 3.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1402.451 $\pm$ 0.775 χ^2 /NDF: 35251.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1552.562 $\pm$ 0.726 χ^2 /NDF: 63287.8/5

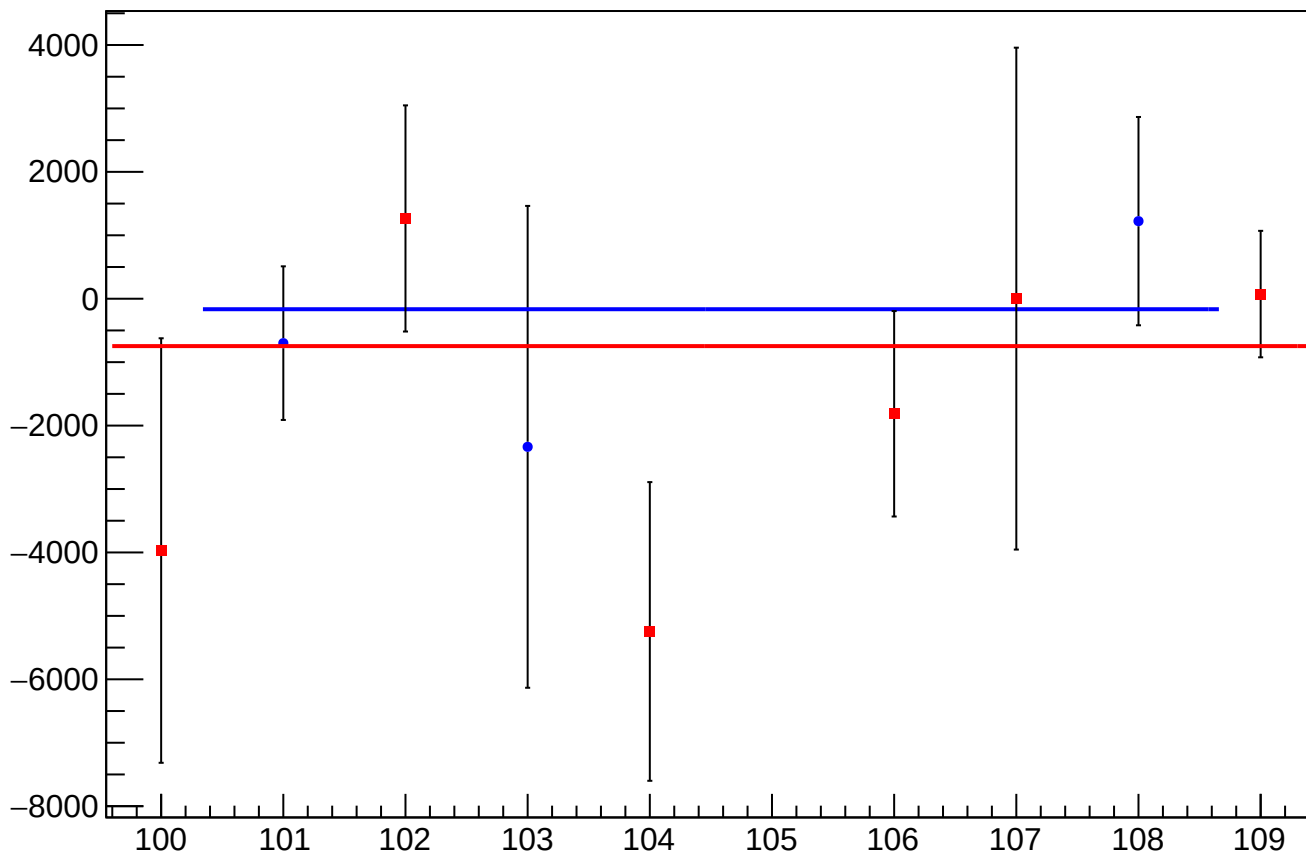
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1482.353 $\pm$ 0.530 χ^2 /NDF: 118530.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_cor_correction_mean vs Slug



Right In: -165.511+/-944.022 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -746.898+/-700.877 χ^2/NDF : 7.0/5

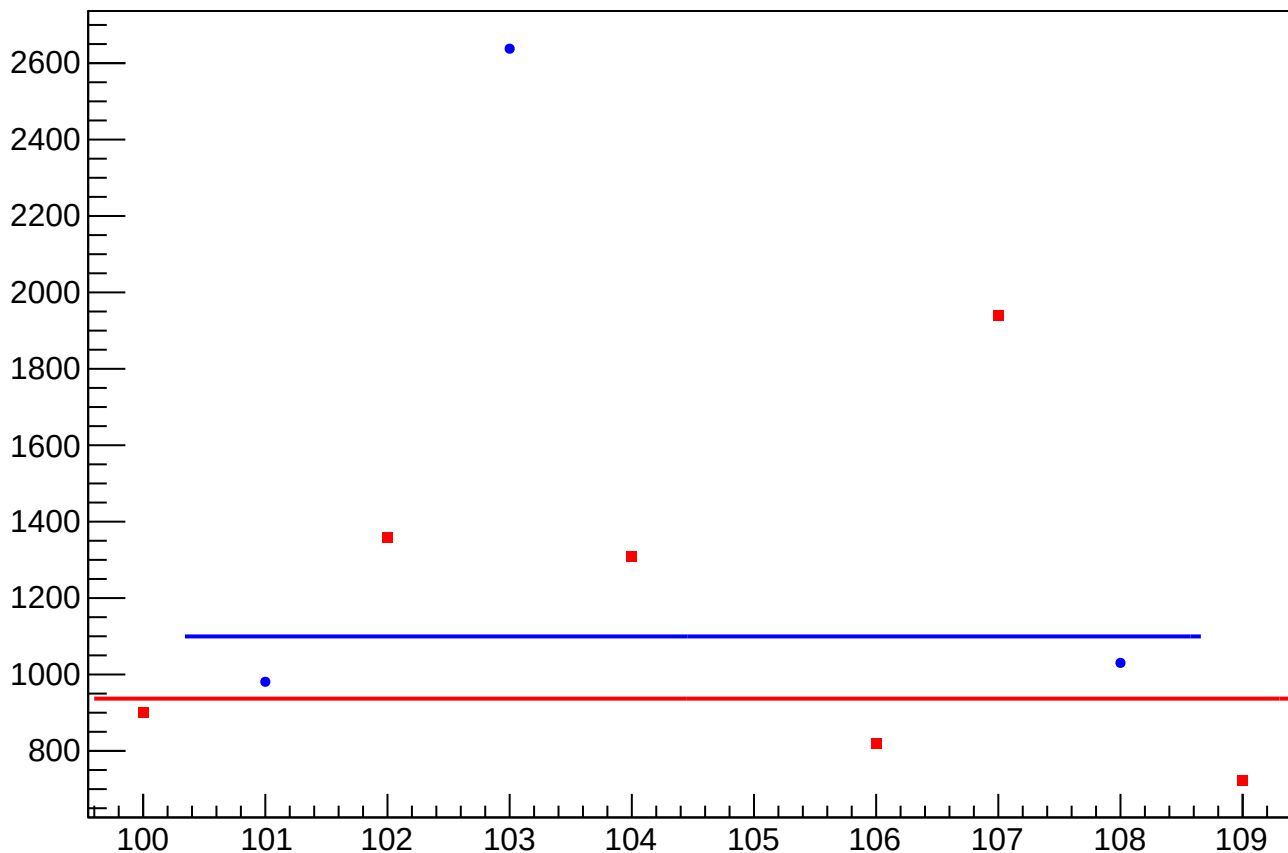
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.307+/-562.738 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 1099.625 $\pm$ 0.668 χ^2 /NDF: 350788.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 936.839 $\pm$ 0.496 χ^2 /NDF: 393792.8/5

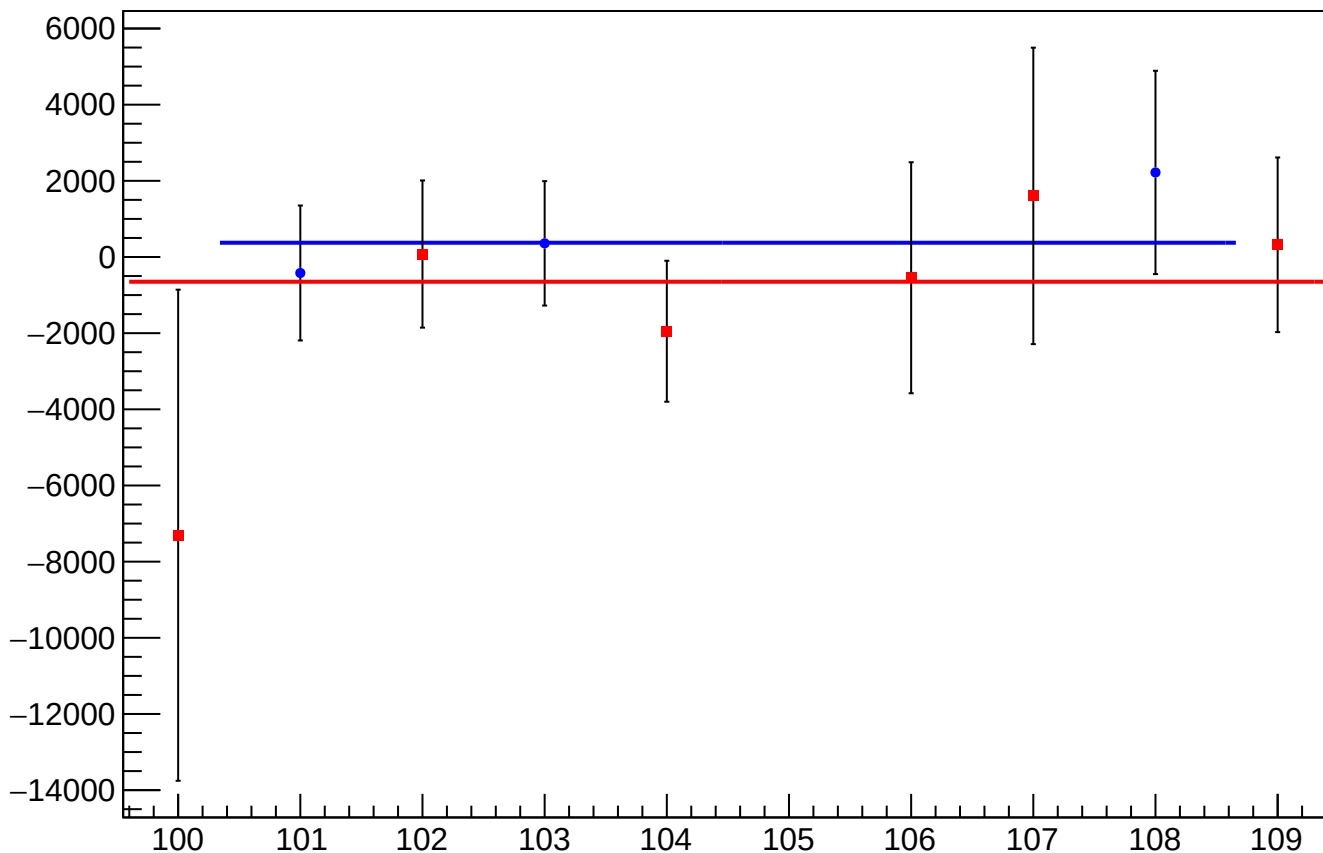
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 994.684 $\pm$ 0.398 χ^2 /NDF: 782918.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: 374.586 $\pm$ 1095.415 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -649.818 $\pm$ 1026.821 χ^2 /NDF: 2.2/5

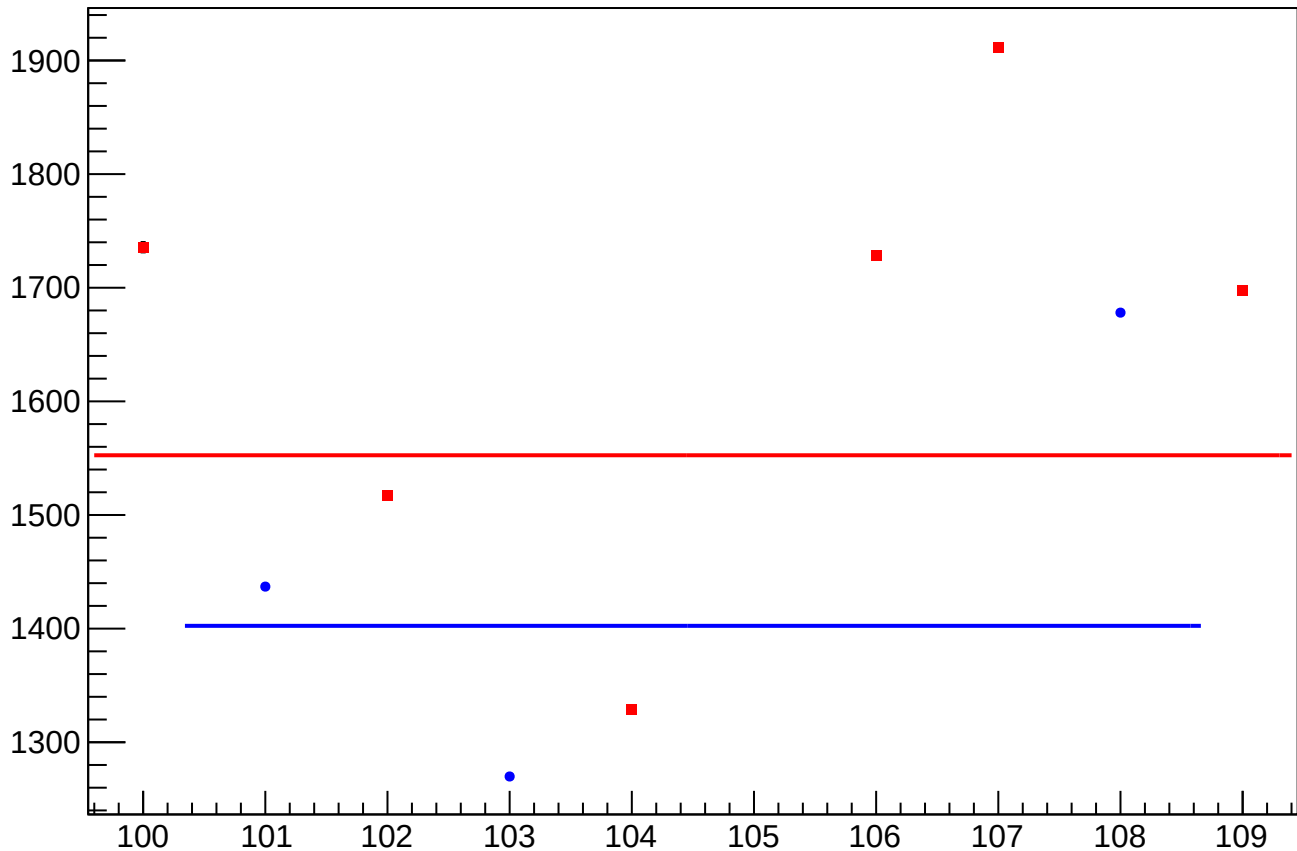
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -170.692 $\pm$ 749.149 χ^2 /NDF: 3.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1402.451 $\pm$ 0.775 χ^2 /NDF: 35251.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1552.562 $\pm$ 0.726 χ^2 /NDF: 63287.8/5

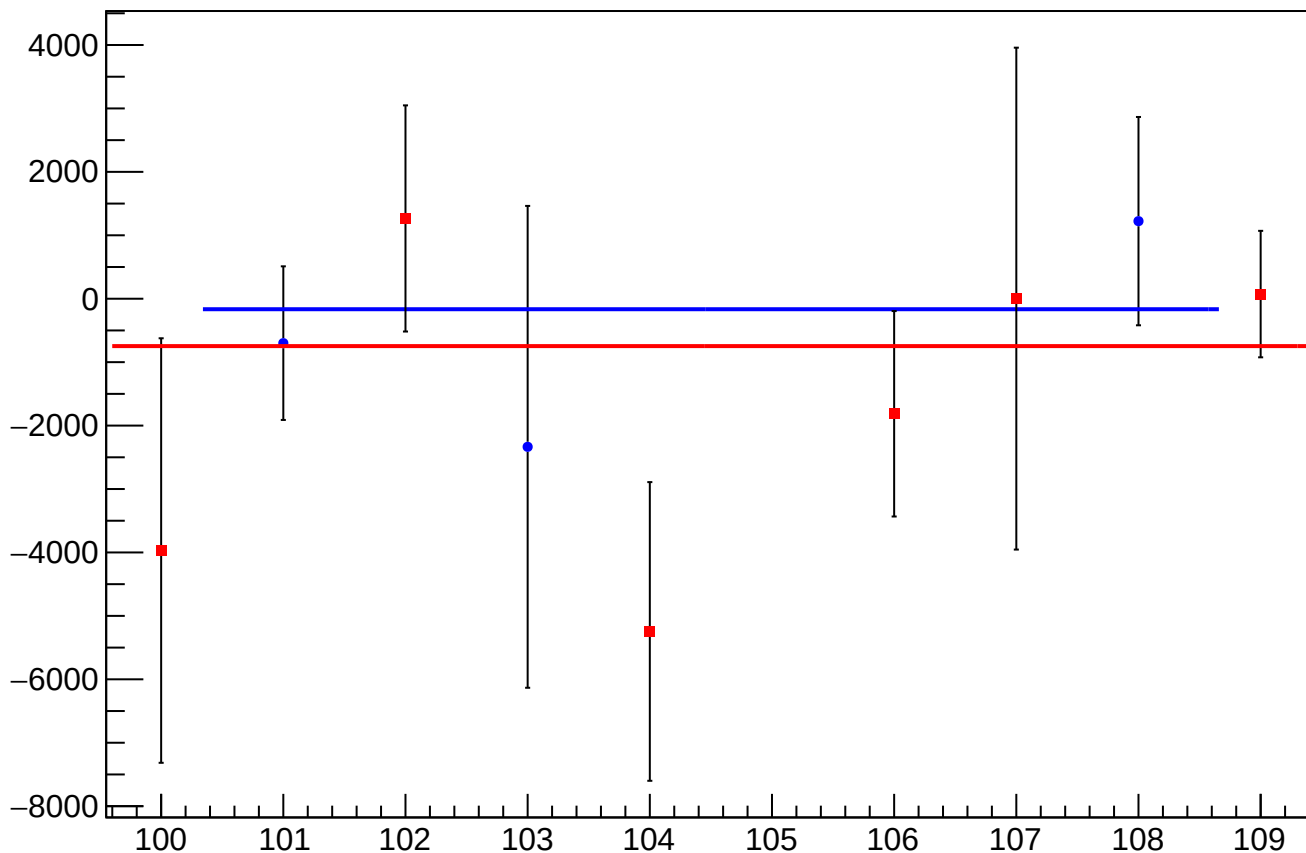
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1482.353 $\pm$ 0.530 χ^2 /NDF: 118530.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: -165.511+/-944.022 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -746.898+/-700.877 χ^2/NDF : 7.0/5

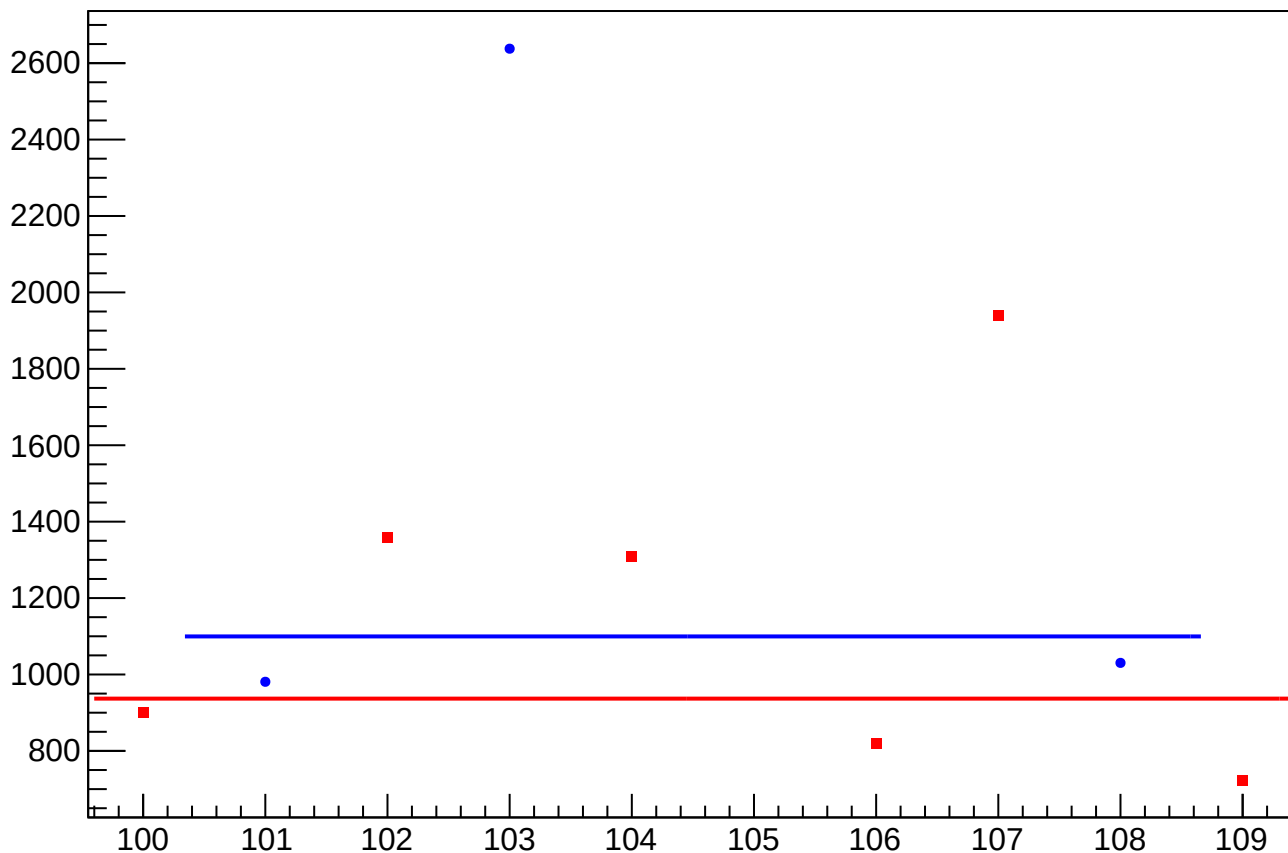
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -540.307+/-562.738 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



Right In: 1099.625 $\pm$ 0.668 χ^2 /NDF: 350788.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 936.839 $\pm$ 0.496 χ^2 /NDF: 393792.8/5

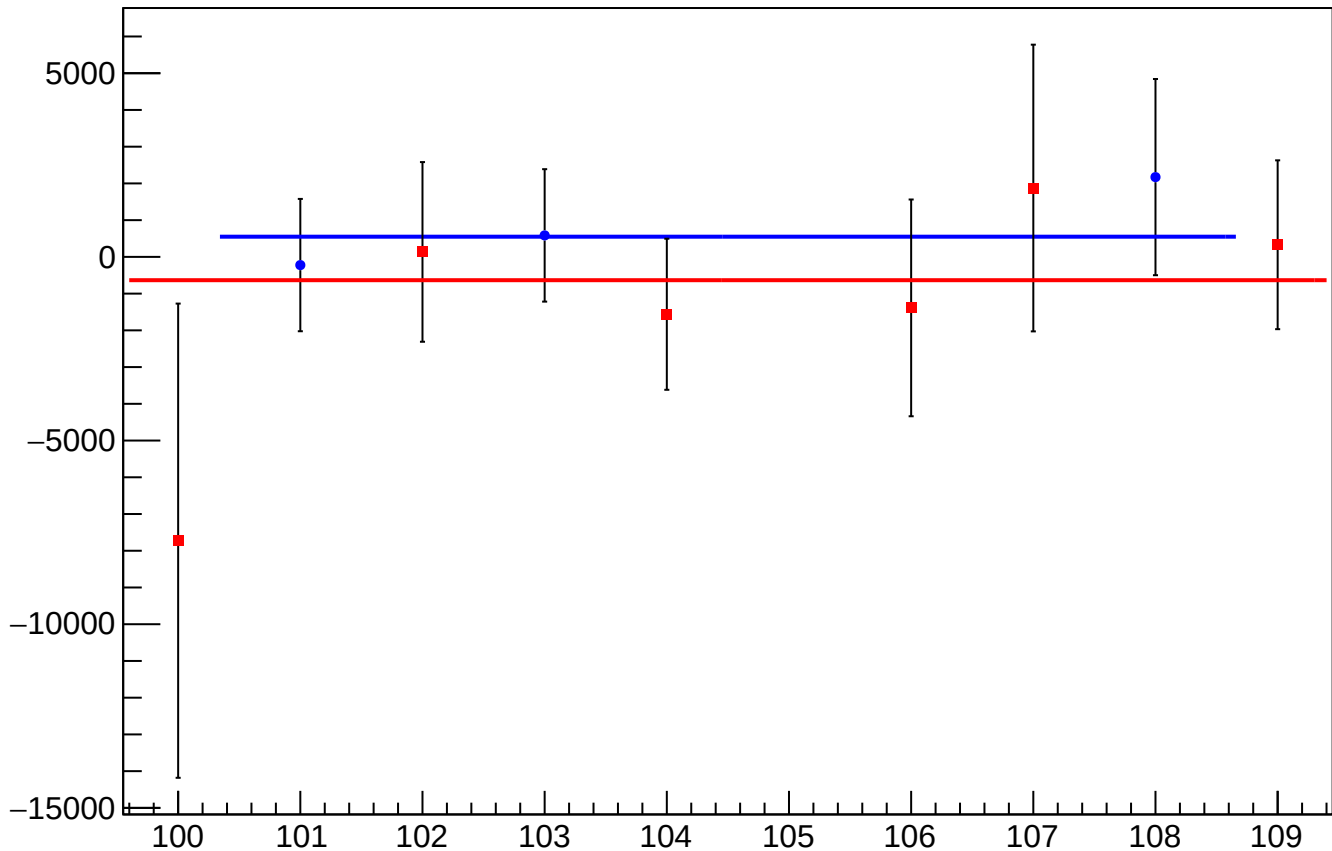
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 994.684 $\pm$ 0.398 χ^2 /NDF: 782918.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_dd_mean vs Slug



Right In: 549.694 $\pm$ 1149.970 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -634.652 $\pm$ 1119.709 χ^2 /NDF: 2.2/5

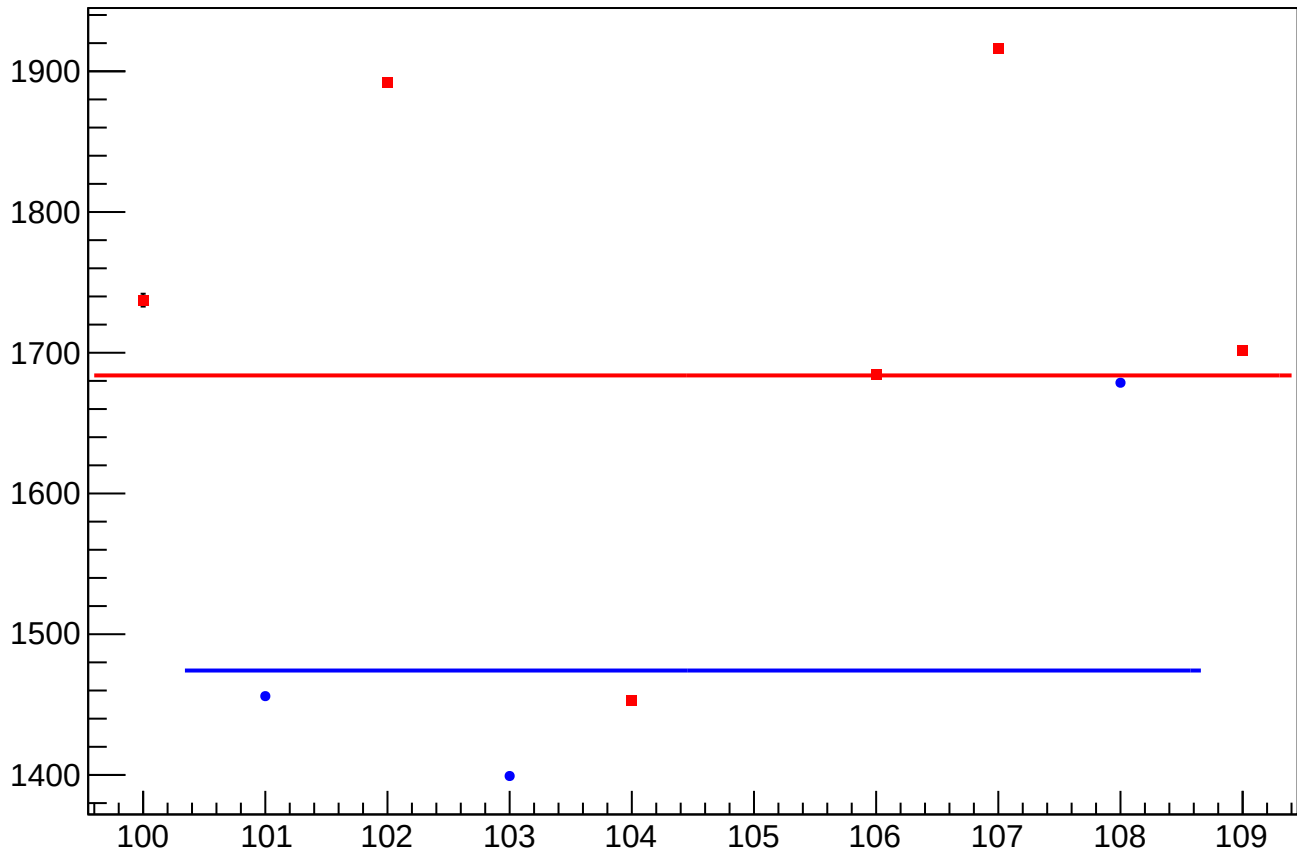
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -58.266 $\pm$ 802.239 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1474.204 $\pm$ 0.813 χ^2 /NDF: 15388.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1683.886 $\pm$ 0.792 χ^2 /NDF: 47059.8/5

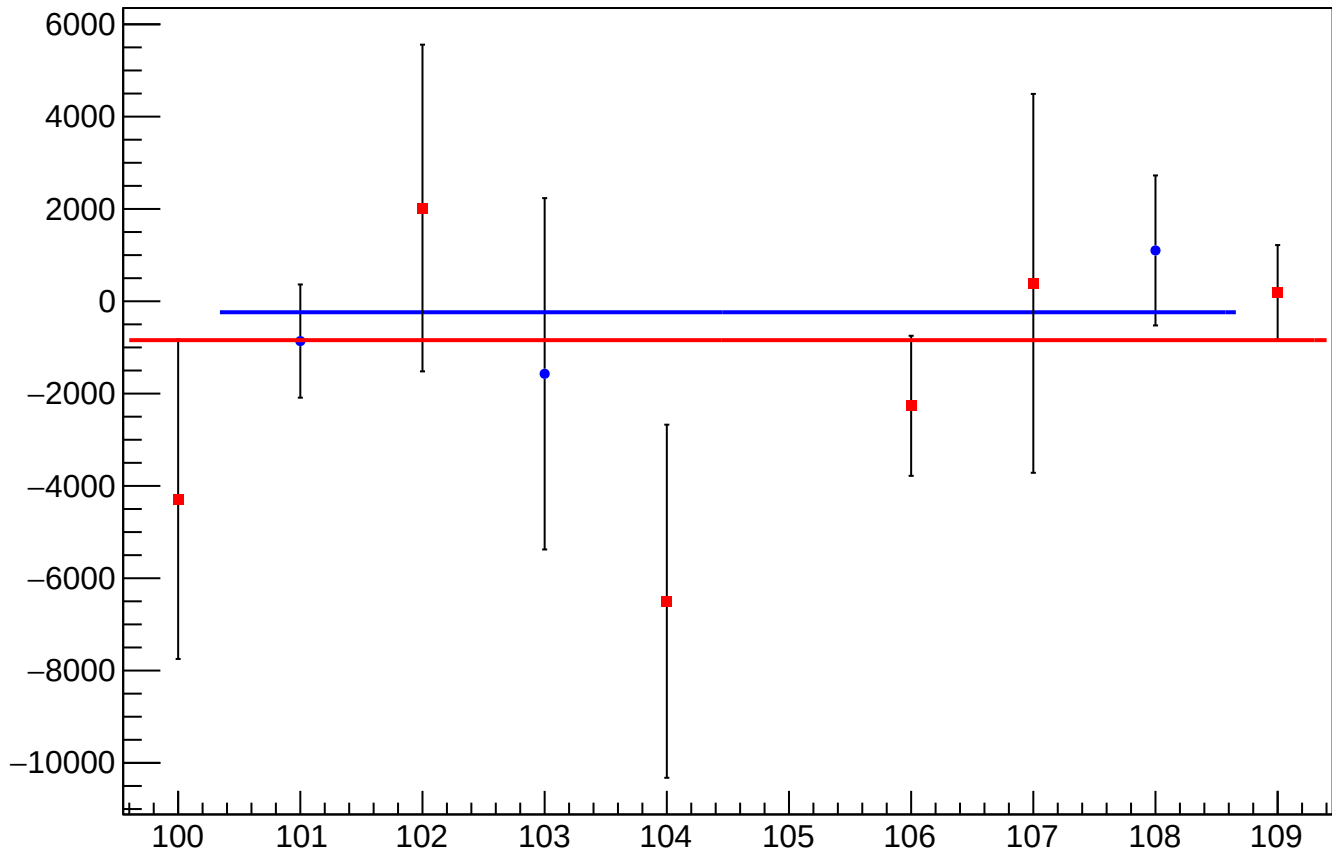
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1581.840 $\pm$ 0.567 χ^2 /NDF: 96581.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_correction_mean vs Slug



Right In: -237.807+/-947.933 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -842.320+/-771.304 χ^2/NDF : 5.8/5

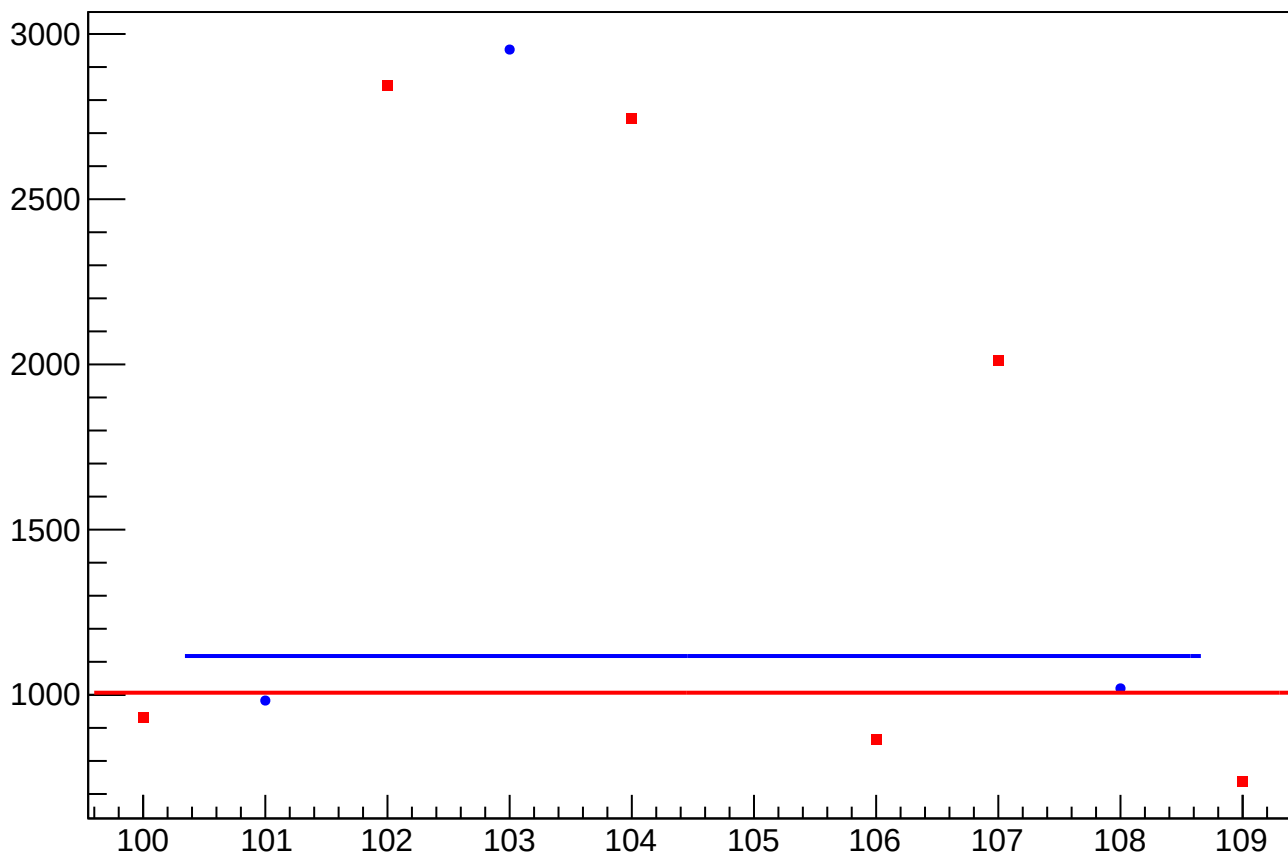
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -601.521+/-598.277 χ^2/NDF : 7.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 1117.542+/-0.670 χ^2/NDF : 496566.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1006.516+/-0.545 χ^2/NDF : 1229080.2/5

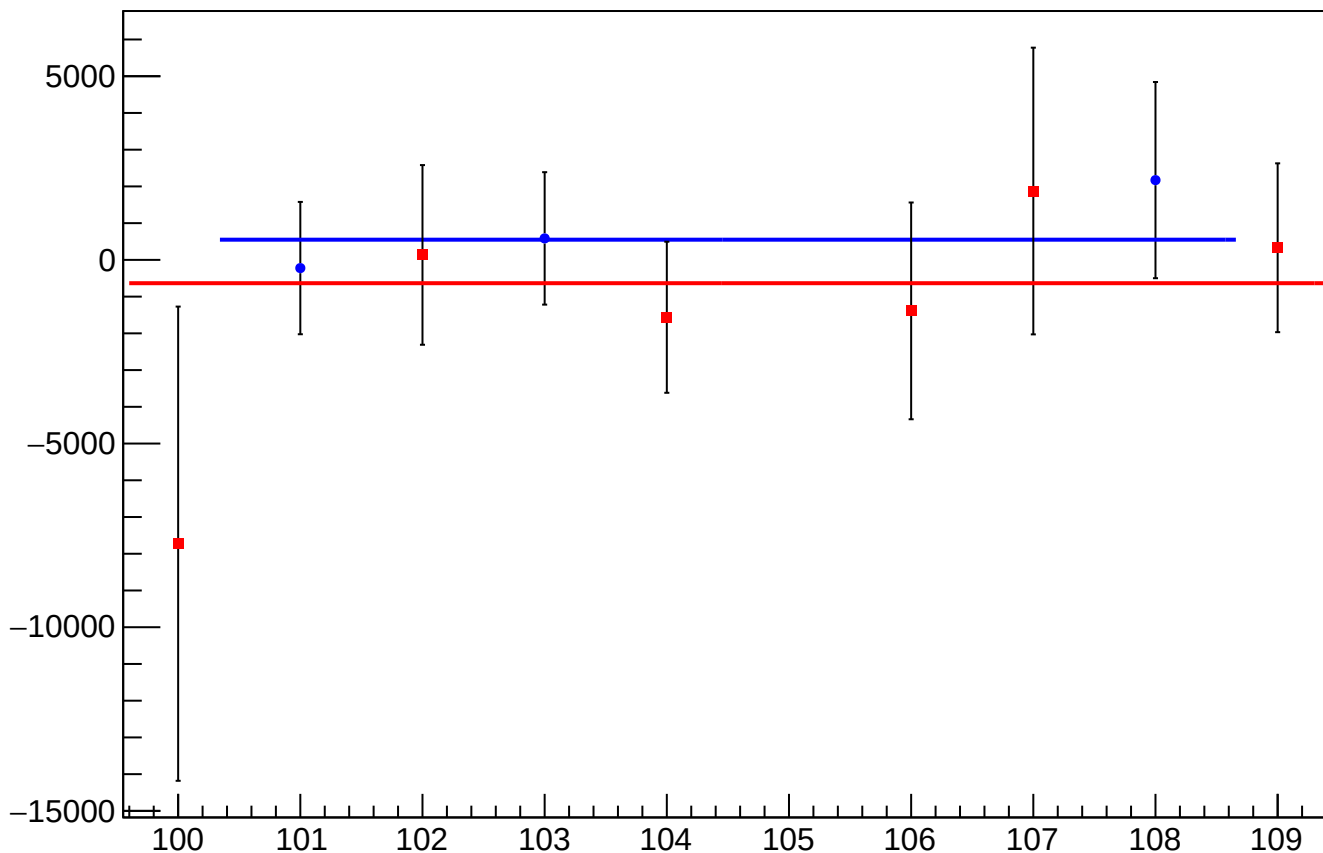
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1050.742+/-0.423 χ^2/NDF : 1742153.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_mean vs Slug



Right In: 549.698 $\pm$ 1149.969 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -634.653 $\pm$ 1119.709 χ^2 /NDF: 2.2/5

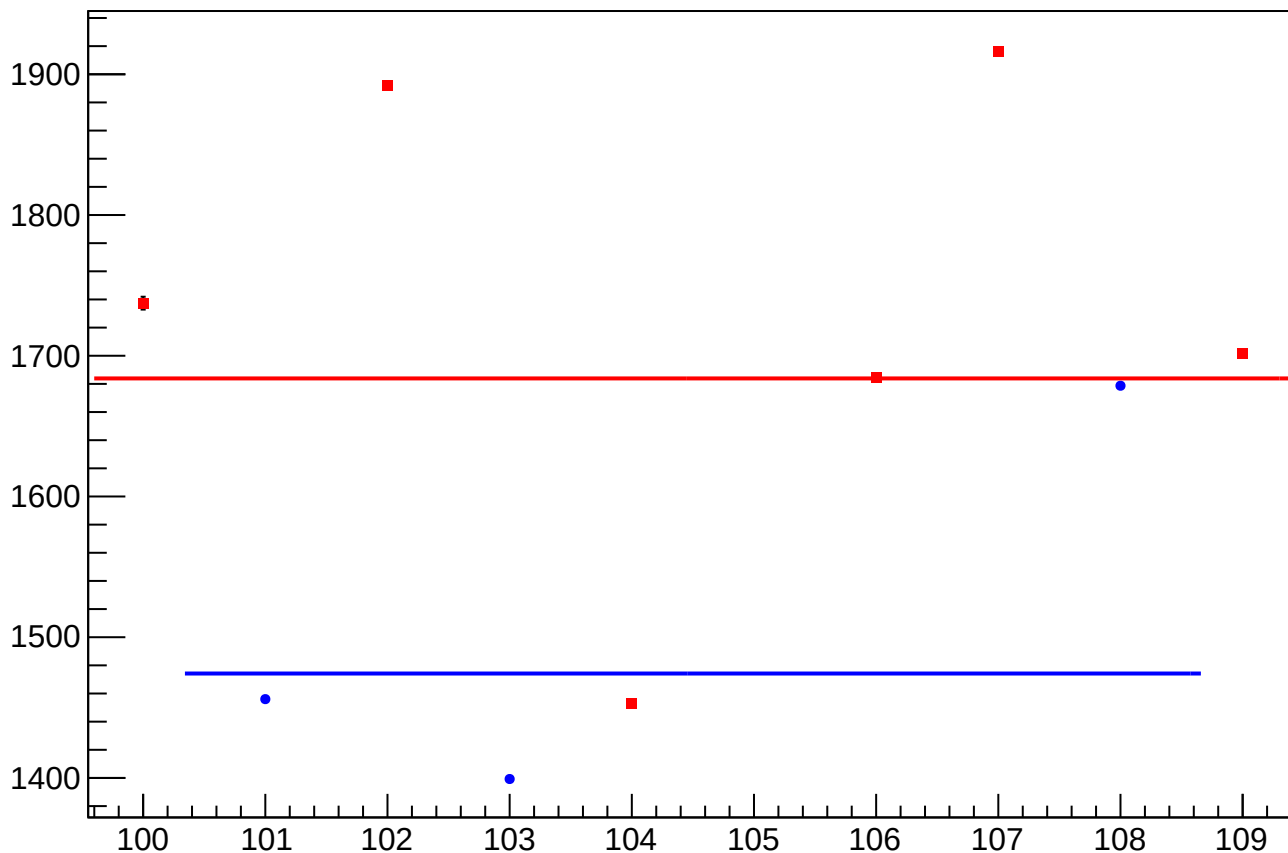
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -58.265 $\pm$ 802.238 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1474.203+/-0.813 χ^2/NDF : 15388.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1683.885+/-0.792 χ^2/NDF : 47060.2/5

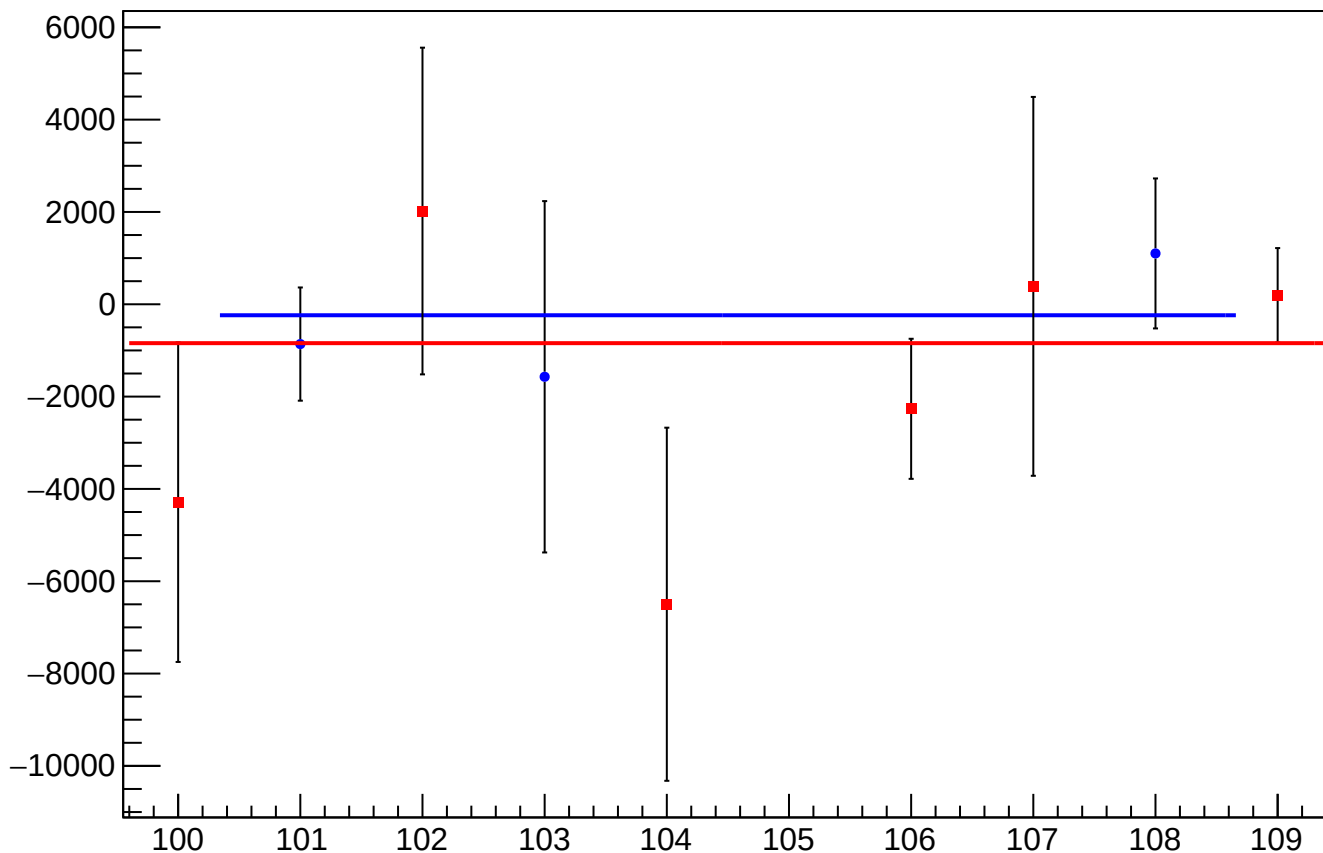
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1581.839+/-0.567 χ^2/NDF : 96581.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug



Right In: -237.802 $\pm$ 947.931 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -842.316 $\pm$ 771.302 χ^2 /NDF: 5.8/5

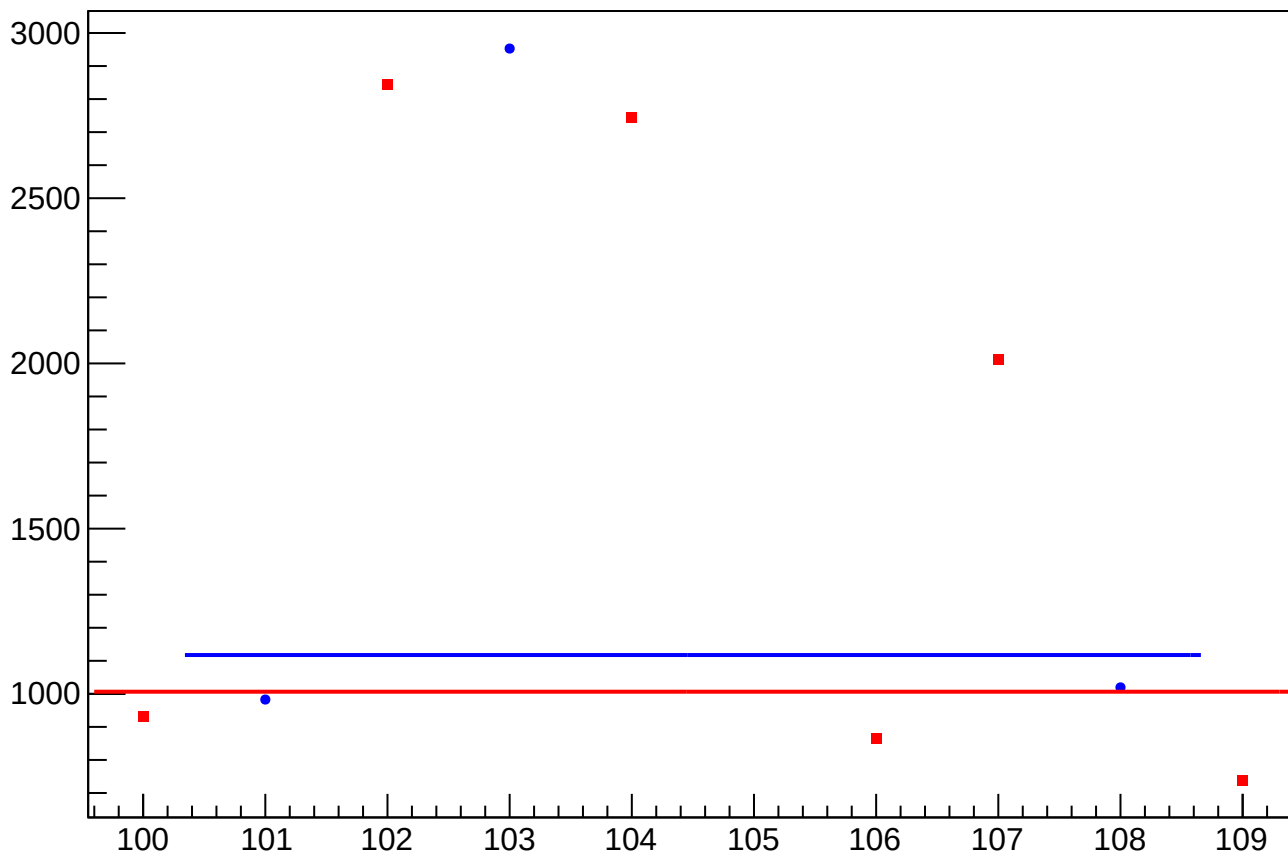
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -601.516 $\pm$ 598.276 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 1117.540 $\pm$ 0.670 χ^2 /NDF: 496568.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

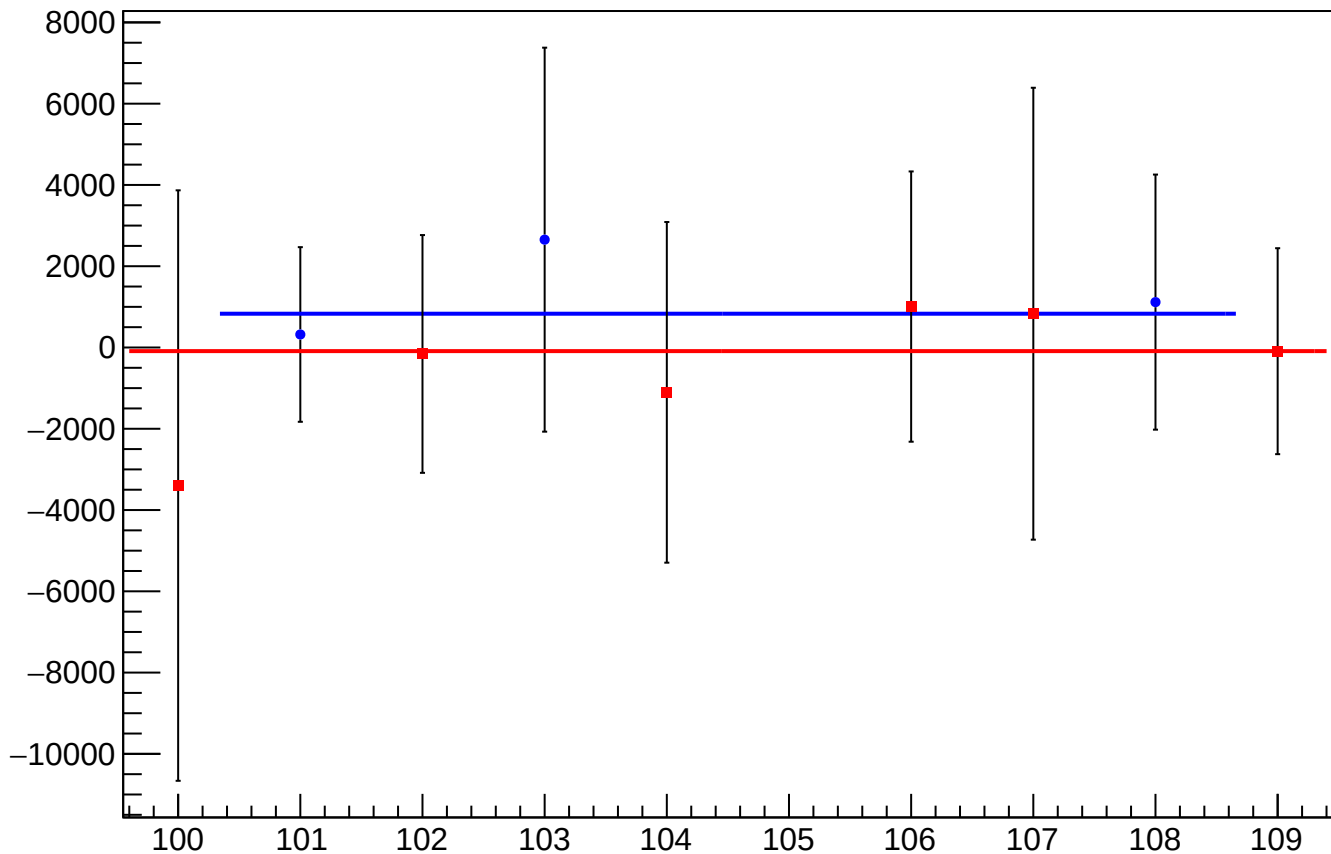
Right Out: 1006.513 $\pm$ 0.545 χ^2 /NDF: 1229086.5/5

All: 1050.739 $\pm$ 0.423 χ^2 /NDF: 1742162.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_mean vs Slug



Right In: 831.163 $\pm$ 1660.049 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -89.102 $\pm$ 1456.828 χ^2 /NDF: 0.4/5

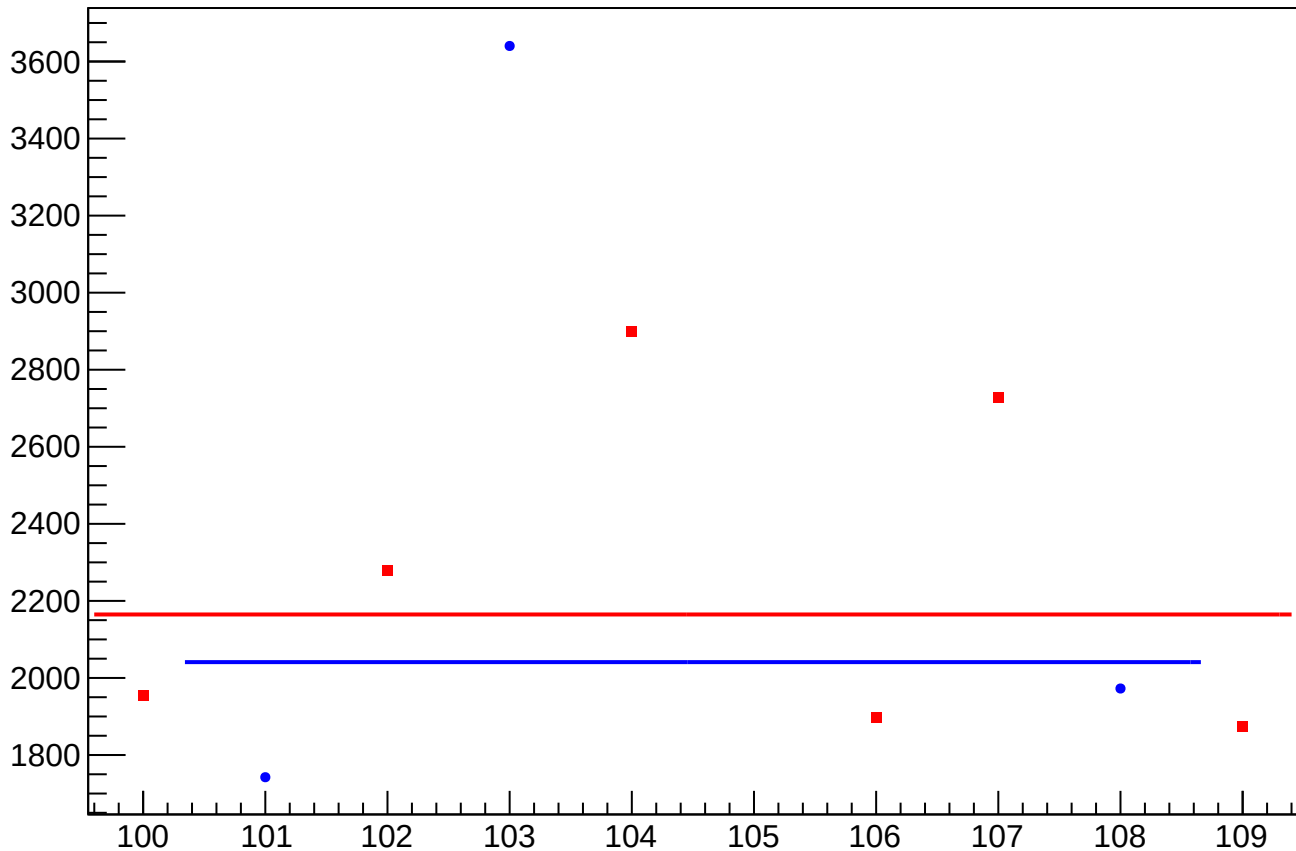
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 311.283 $\pm$ 1094.973 χ^2 /NDF: 0.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 2041.088 $\pm$ 1.174 χ^2 /NDF: 268751.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2164.757 $\pm$ 1.030 χ^2 /NDF: 125847.3/5

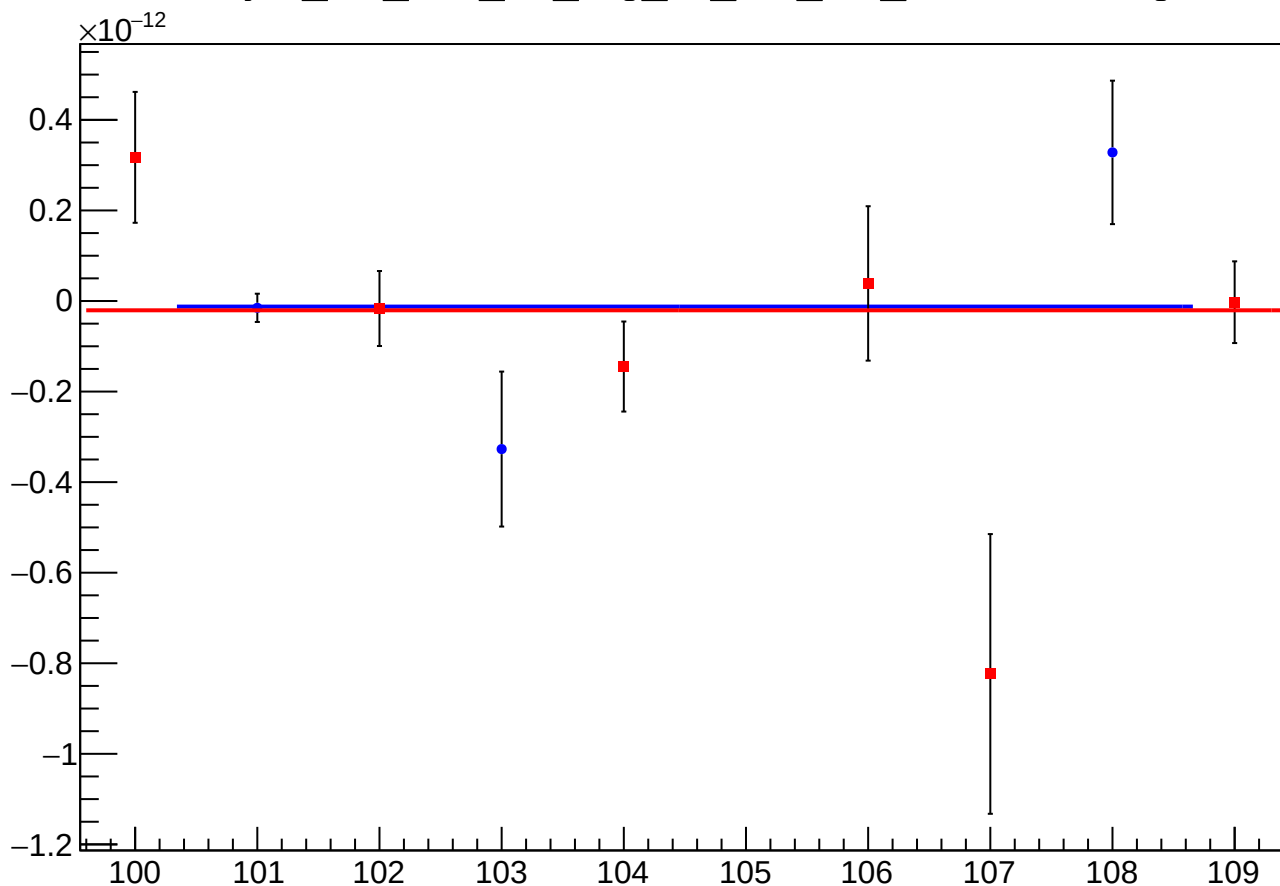
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2110.951 $\pm$ 0.774 χ^2 /NDF: 400869.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 8.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.9/5

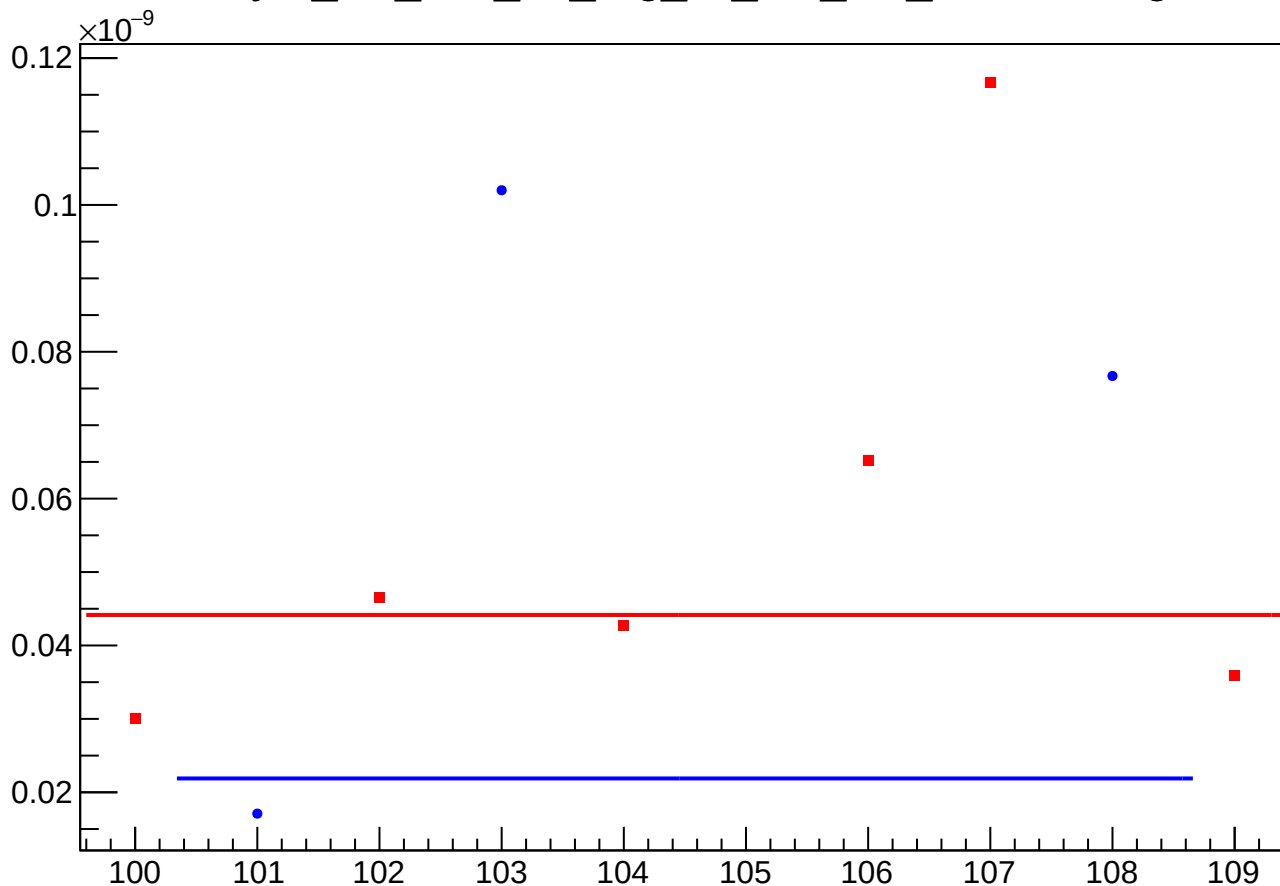
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 725062.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 178238.2/5

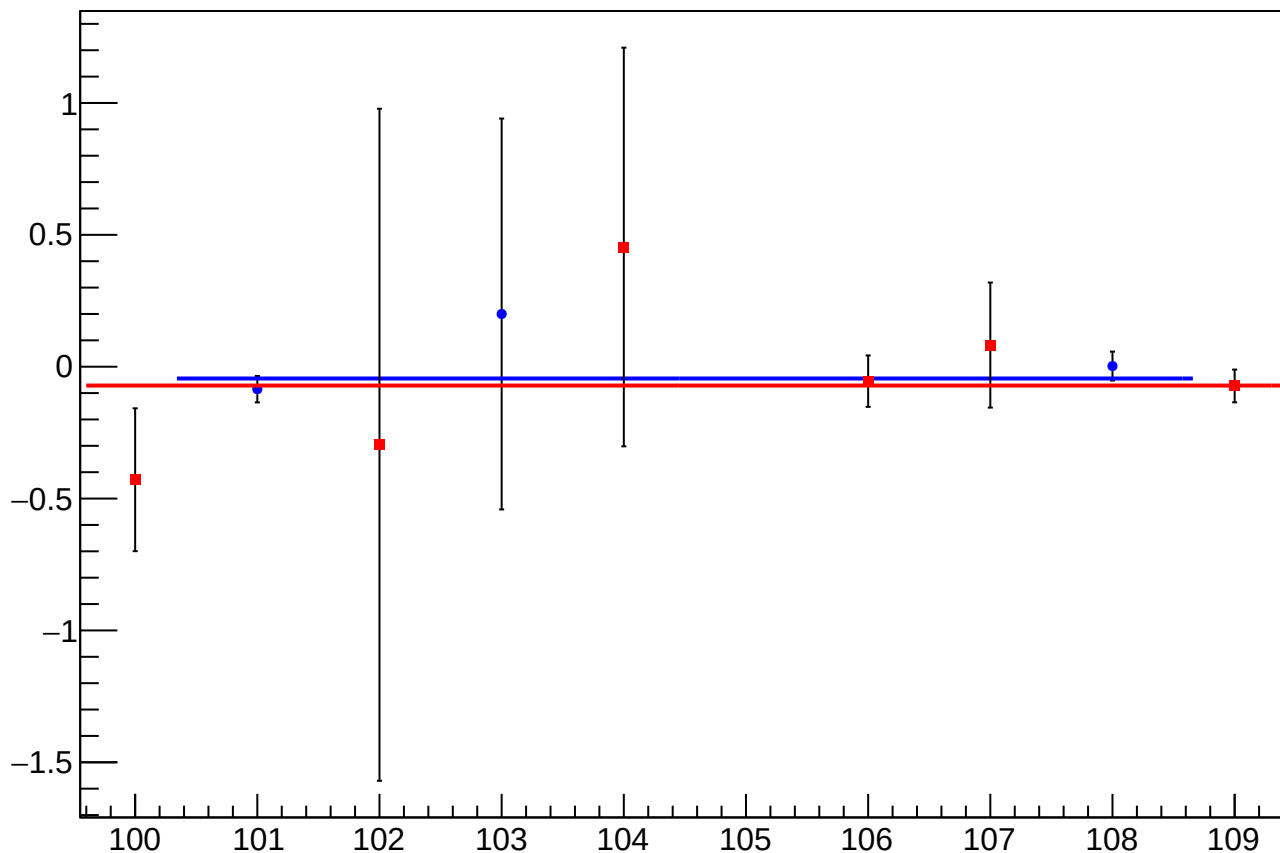
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1226238.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.050 χ^2/NDF : 2.7/5

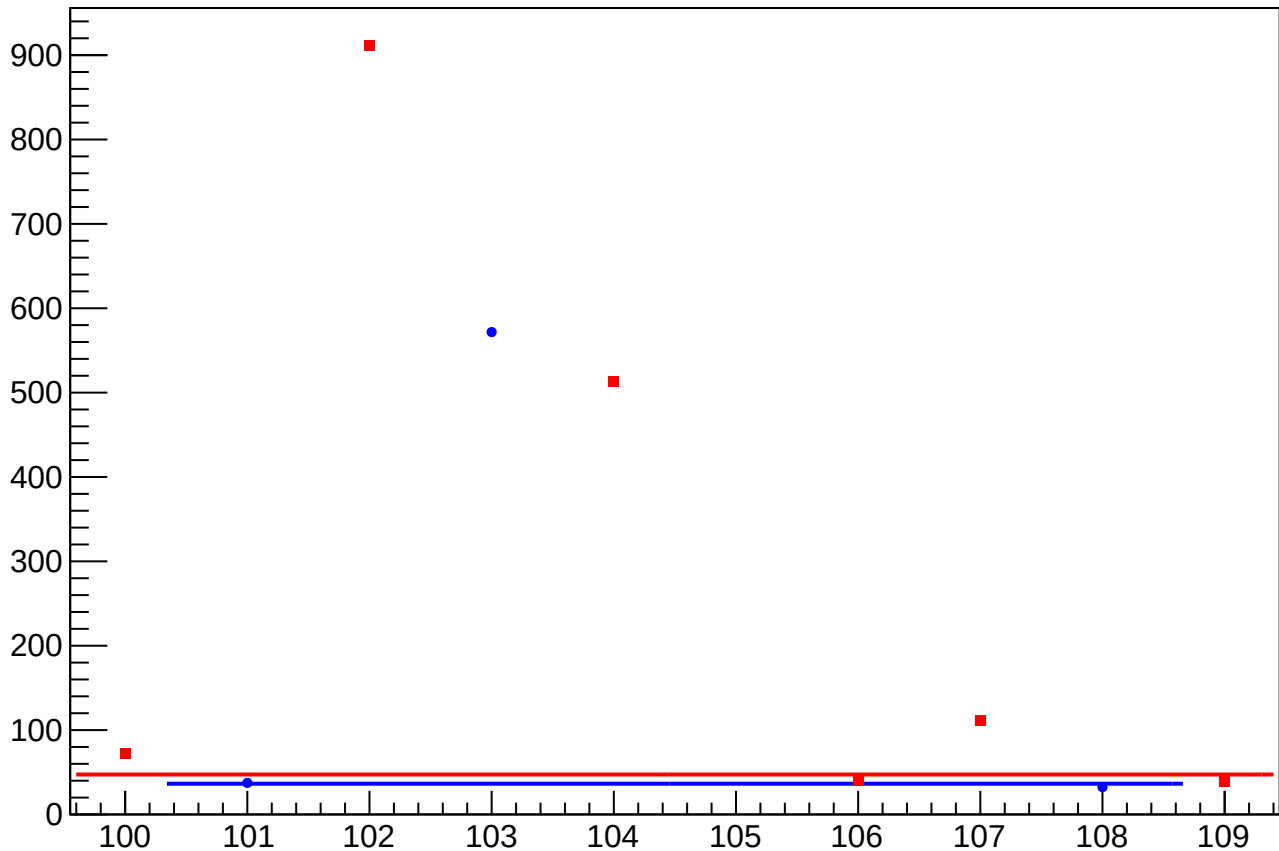
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.030 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 36.454+/-0.026 χ^2/NDF : 1055274.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.364+/-0.035 χ^2/NDF : 1886300.9/5

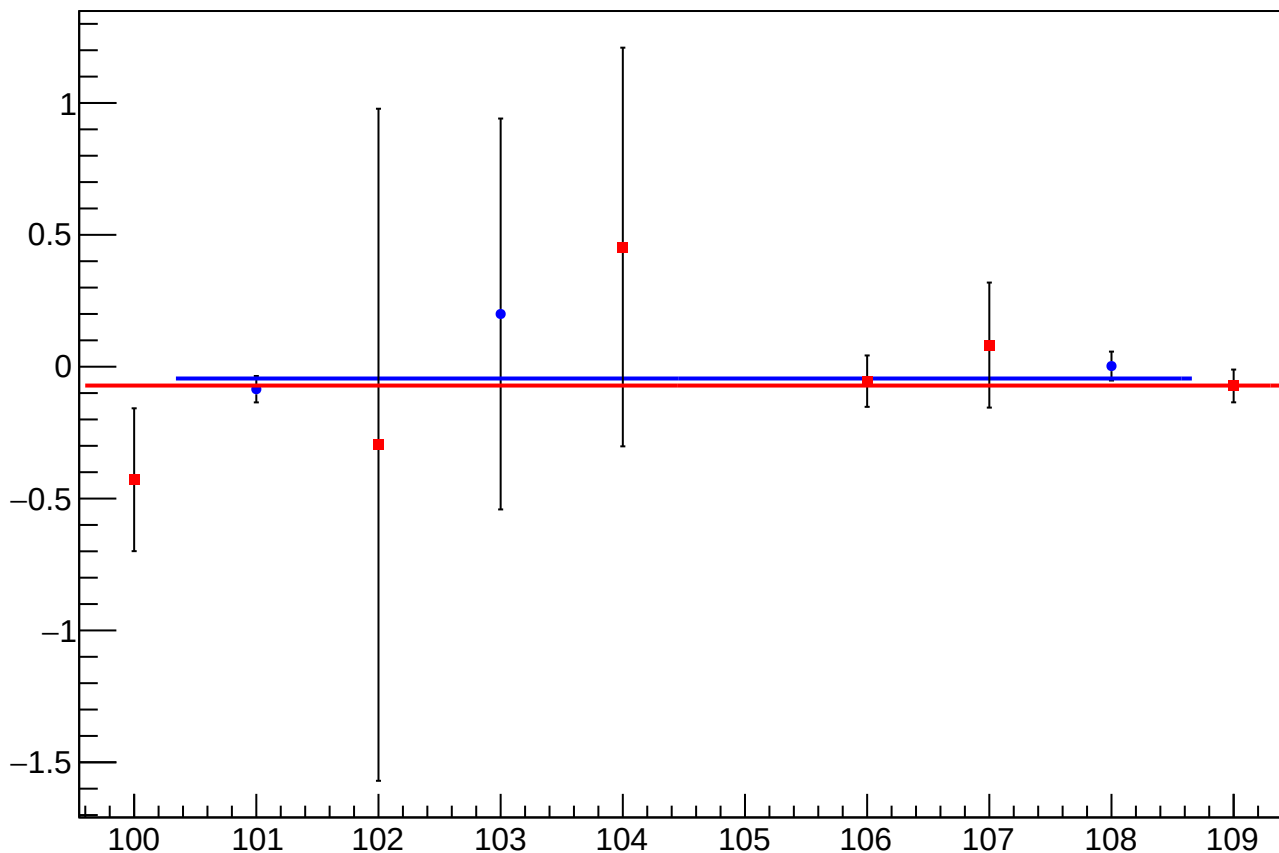
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.290+/-0.021 χ^2/NDF : 3003042.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.045+/-0.037 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.071+/-0.050 χ^2/NDF : 2.7/5

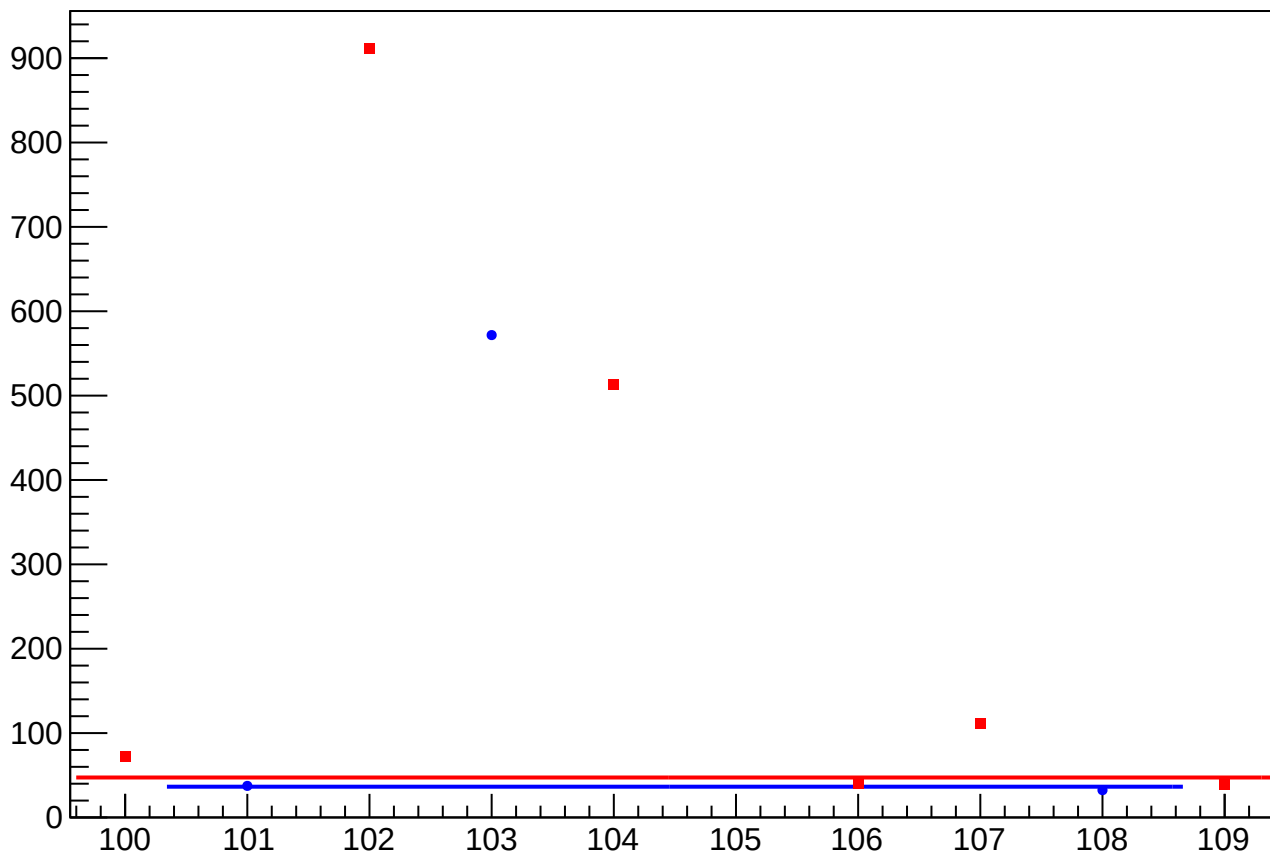
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.054+/-0.030 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.454+/-0.026 χ^2/NDF : 1055274.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.364+/-0.035 χ^2/NDF : 1886300.9/5

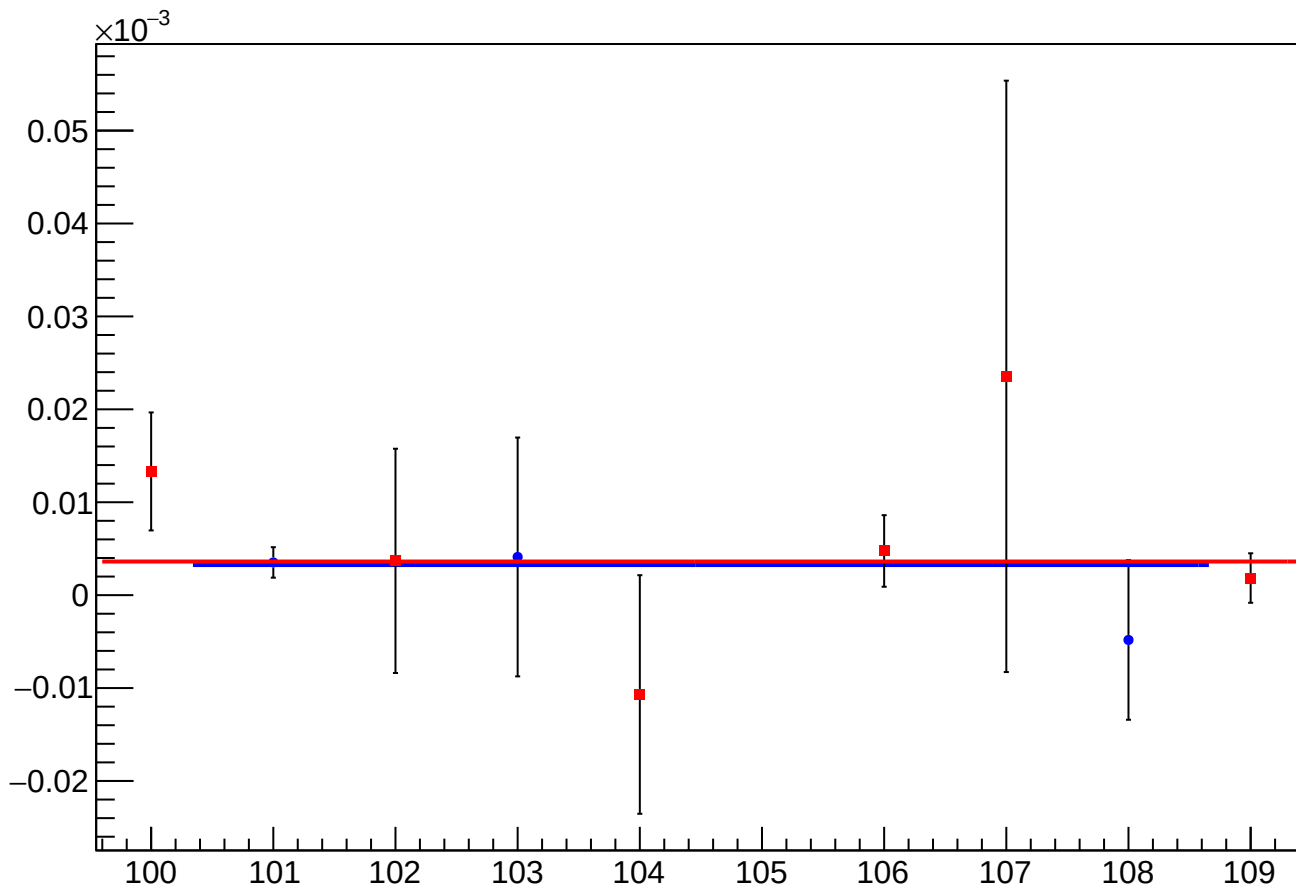
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.290+/-0.021 χ^2/NDF : 3003042.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.5/5

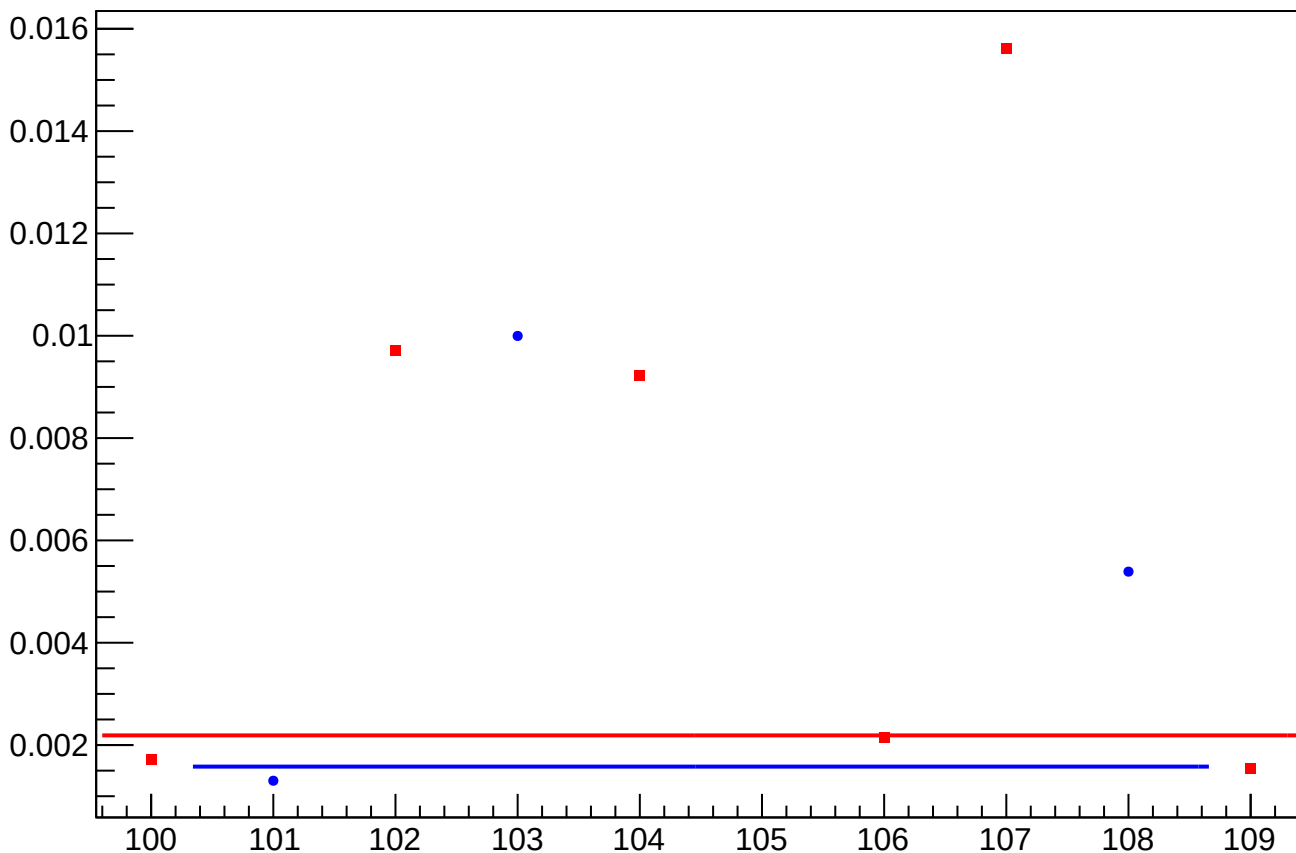
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1308261.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1867852.6/5

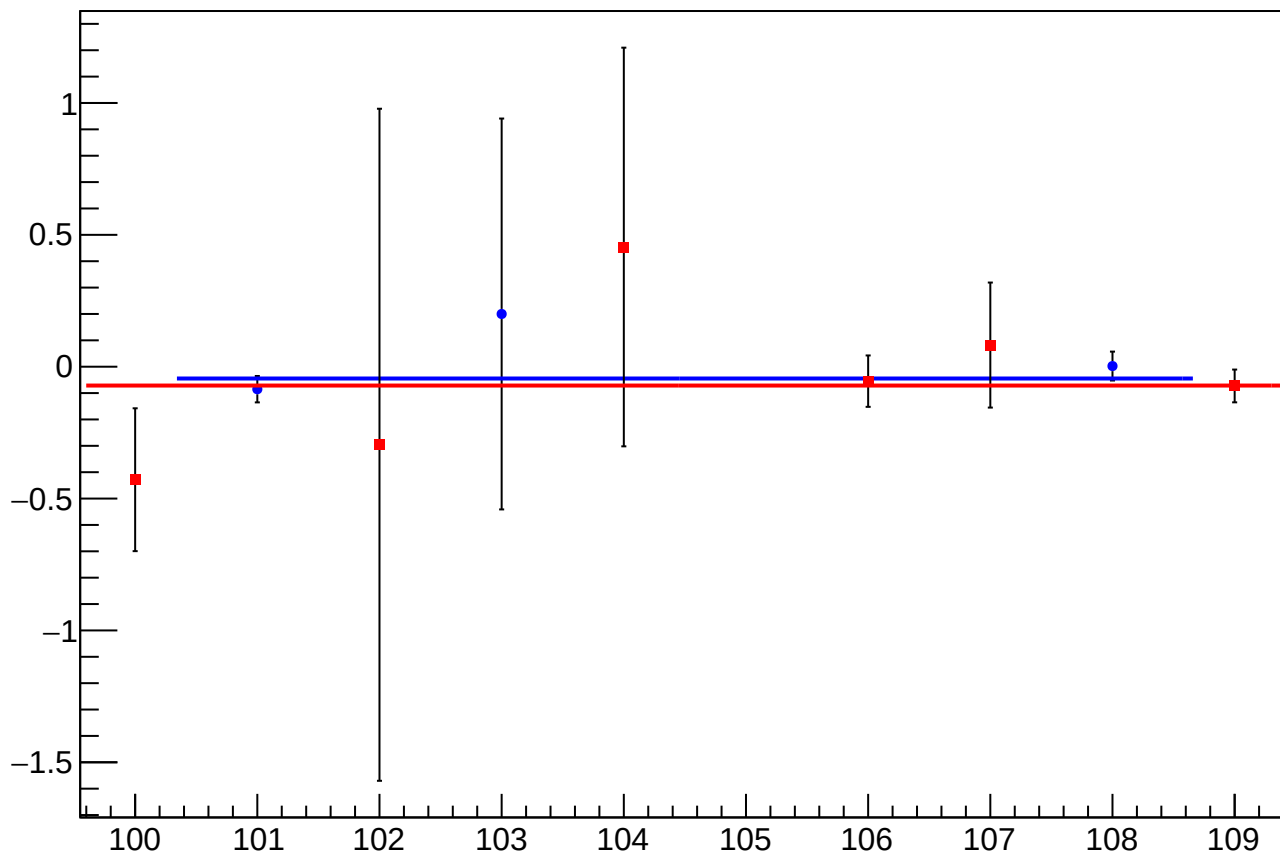
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3288894.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.045 $\pm$ 0.037 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.071 $\pm$ 0.050 χ^2 /NDF: 2.7/5

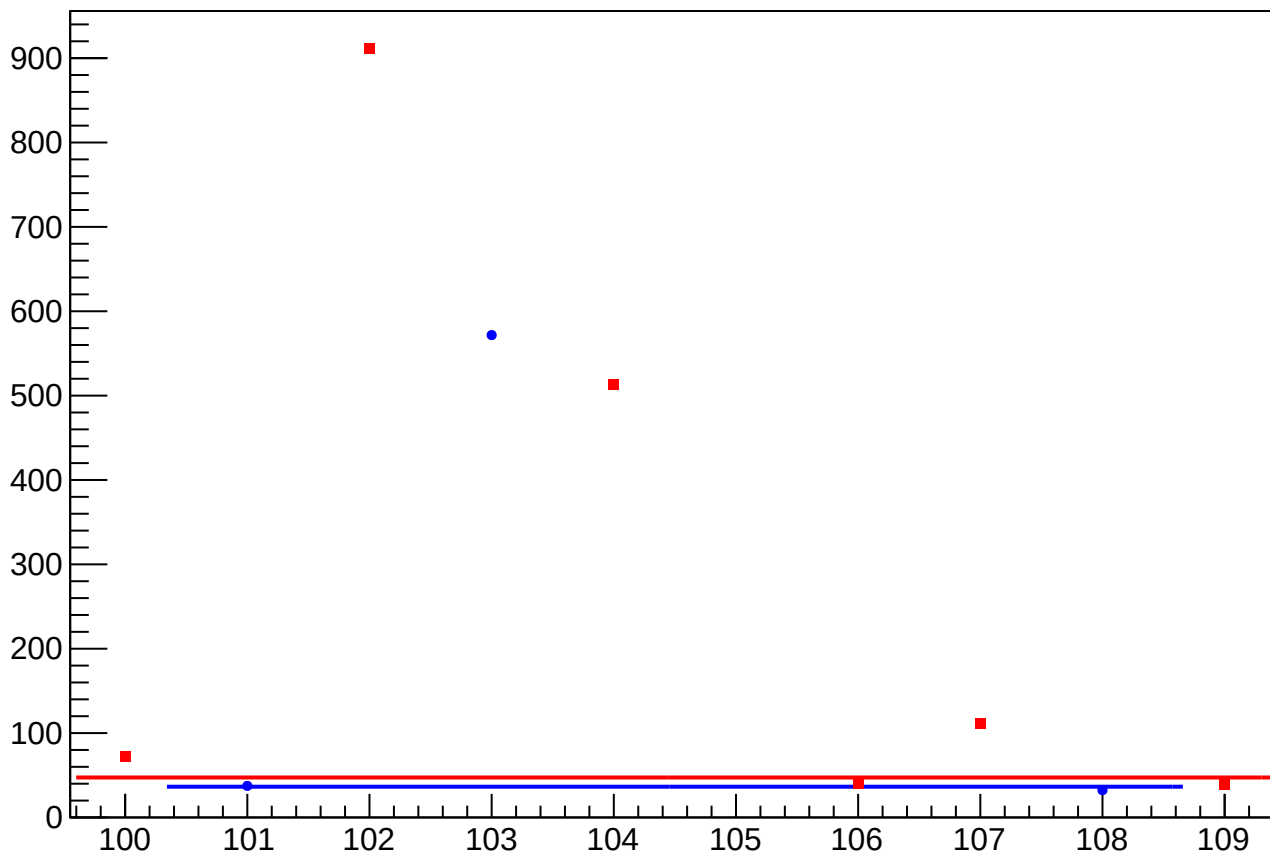
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.054 $\pm$ 0.030 χ^2 /NDF: 4.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 36.454+/-0.026 χ^2/NDF : 1055267.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.366+/-0.035 χ^2/NDF : 1886279.5/5

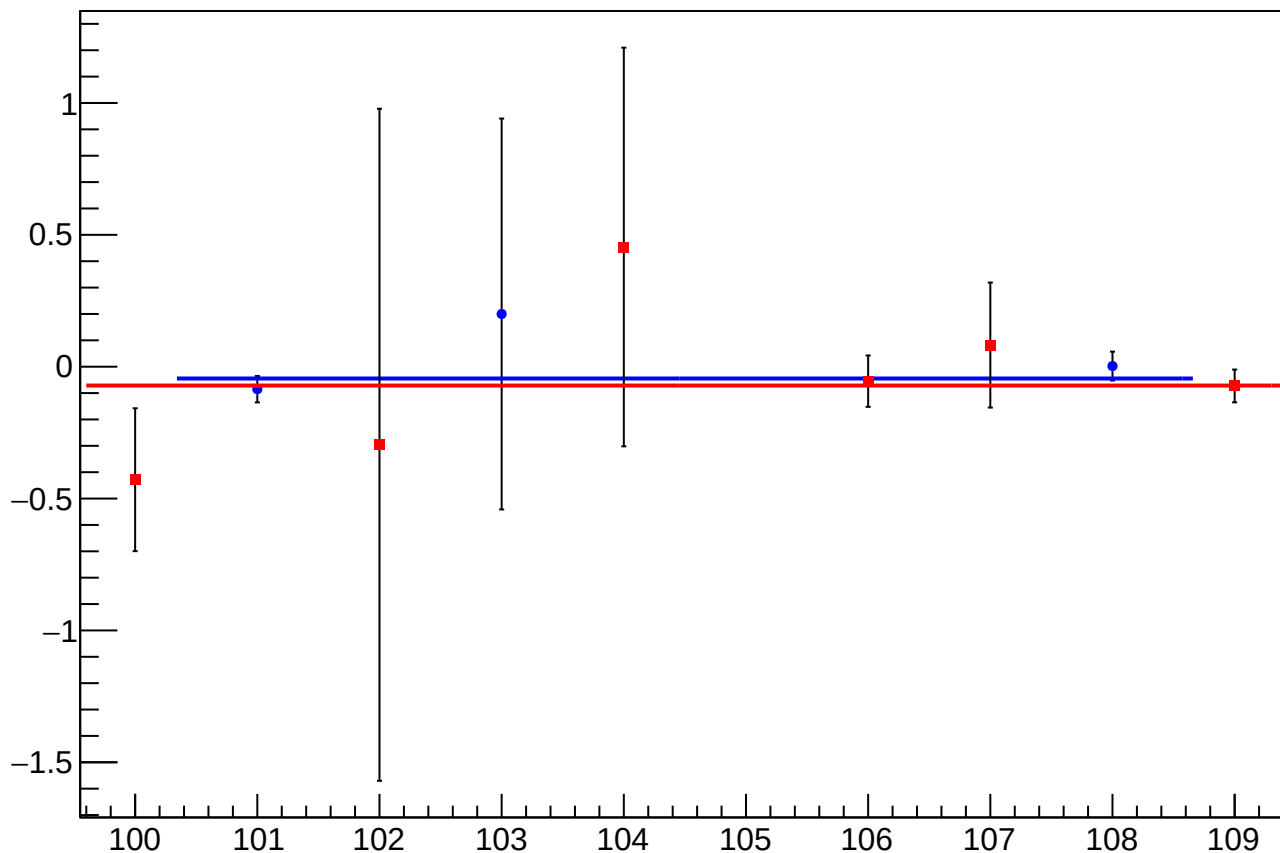
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.291+/-0.021 χ^2/NDF : 3003023.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.045 $\pm$ 0.037 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.071 $\pm$ 0.050 χ^2 /NDF: 2.7/5

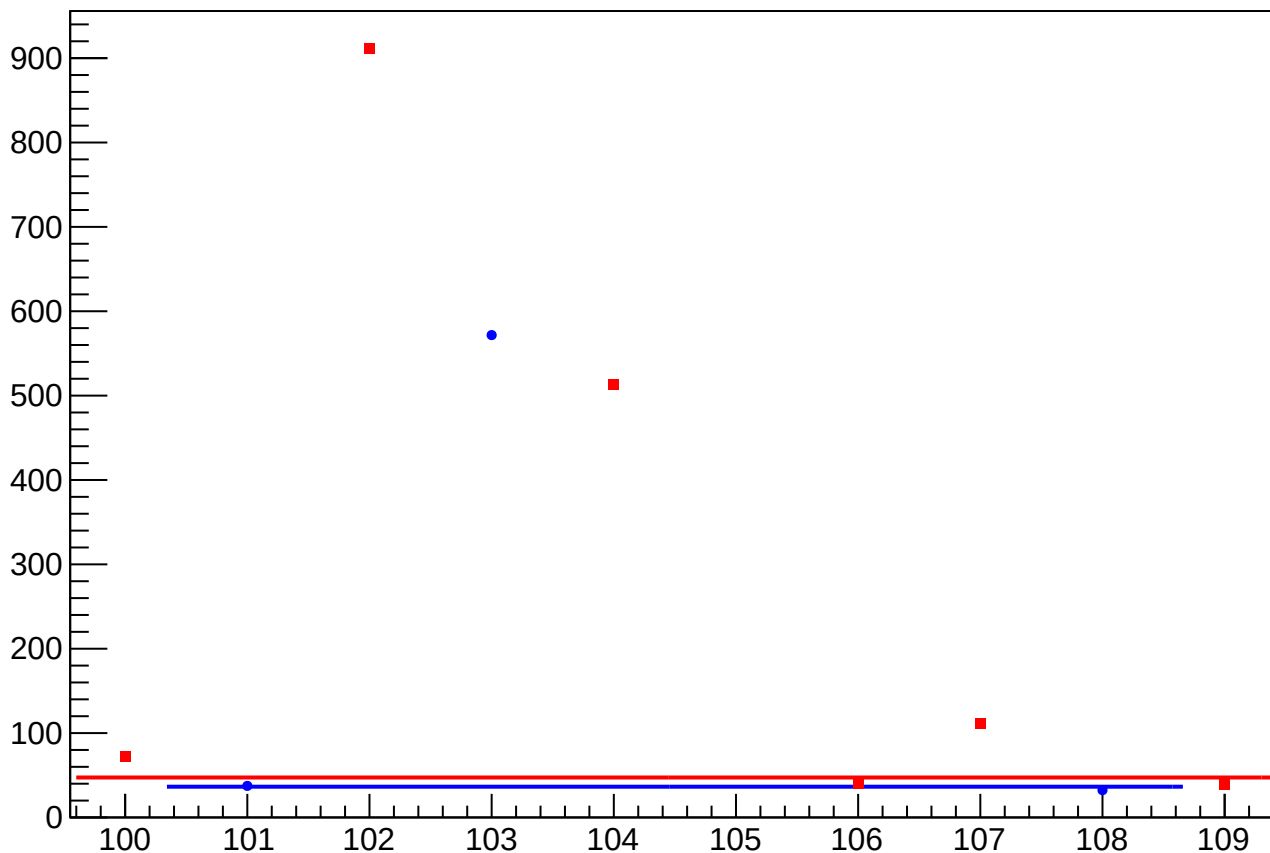
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.054 $\pm$ 0.030 χ^2 /NDF: 4.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 36.454+/-0.026 χ^2/NDF : 1055267.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.366+/-0.035 χ^2/NDF : 1886279.5/5

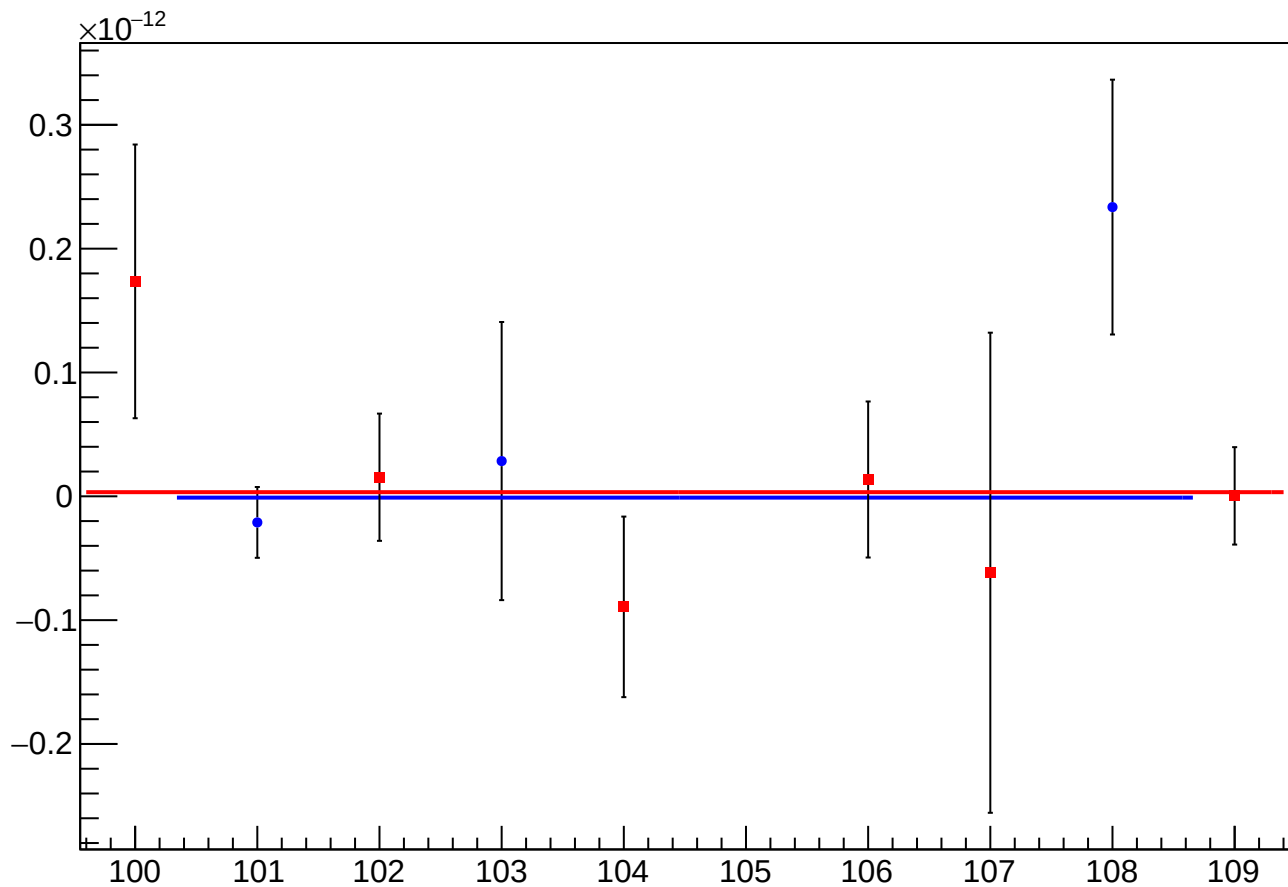
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.291+/-0.021 χ^2/NDF : 3003023.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.2/5

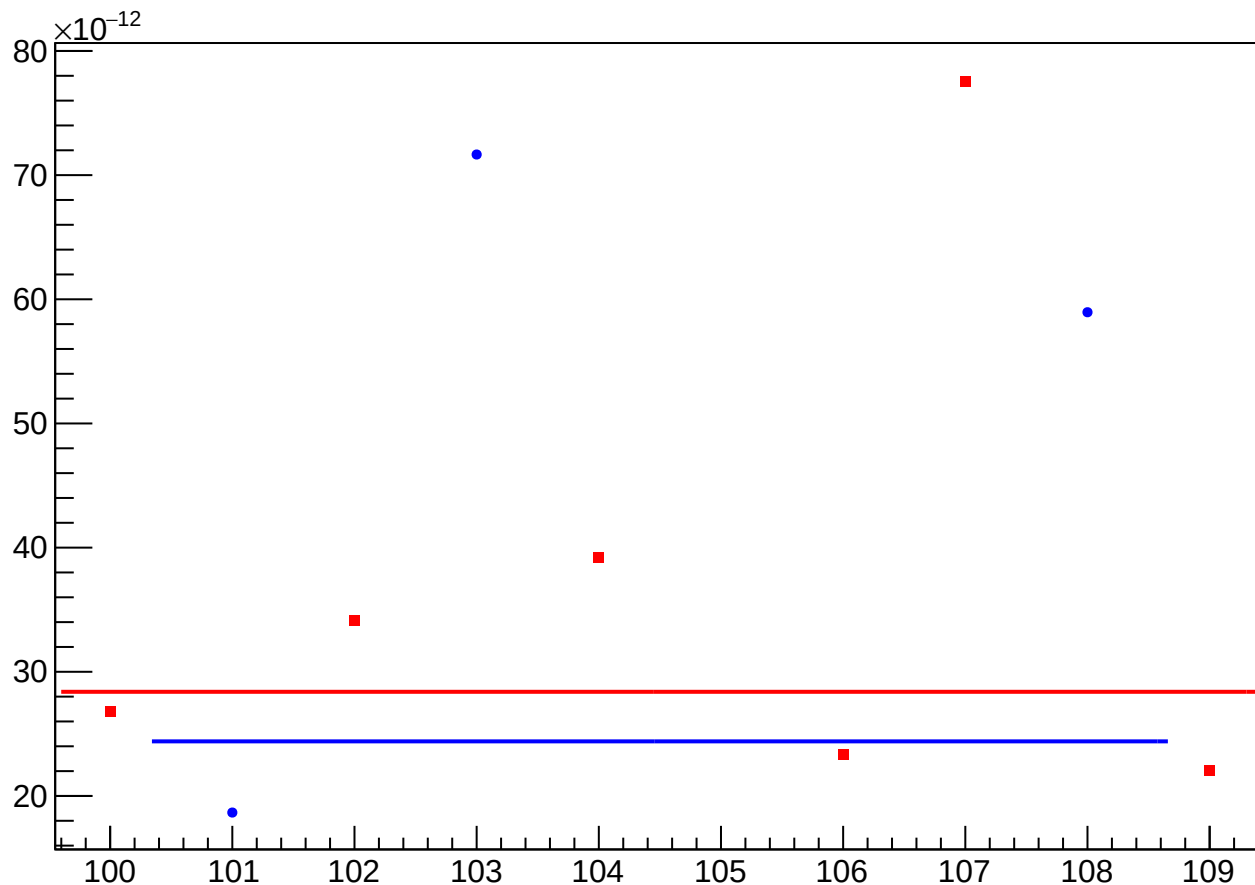
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 660236.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 263061.8/5

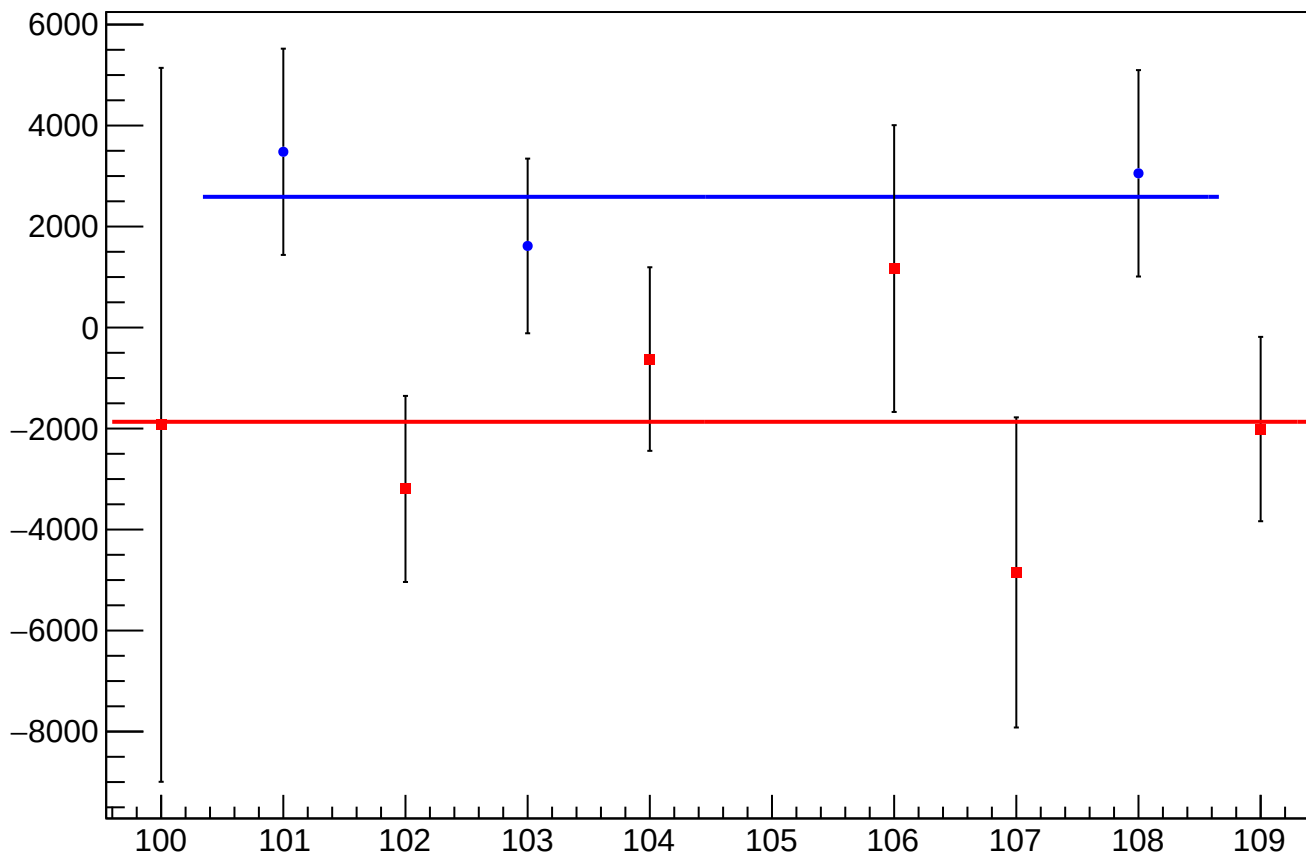
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 946882.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2588.709 $\pm$ 1108.666 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1866.186 $\pm$ 933.497 χ^2 /NDF: 3.1/5

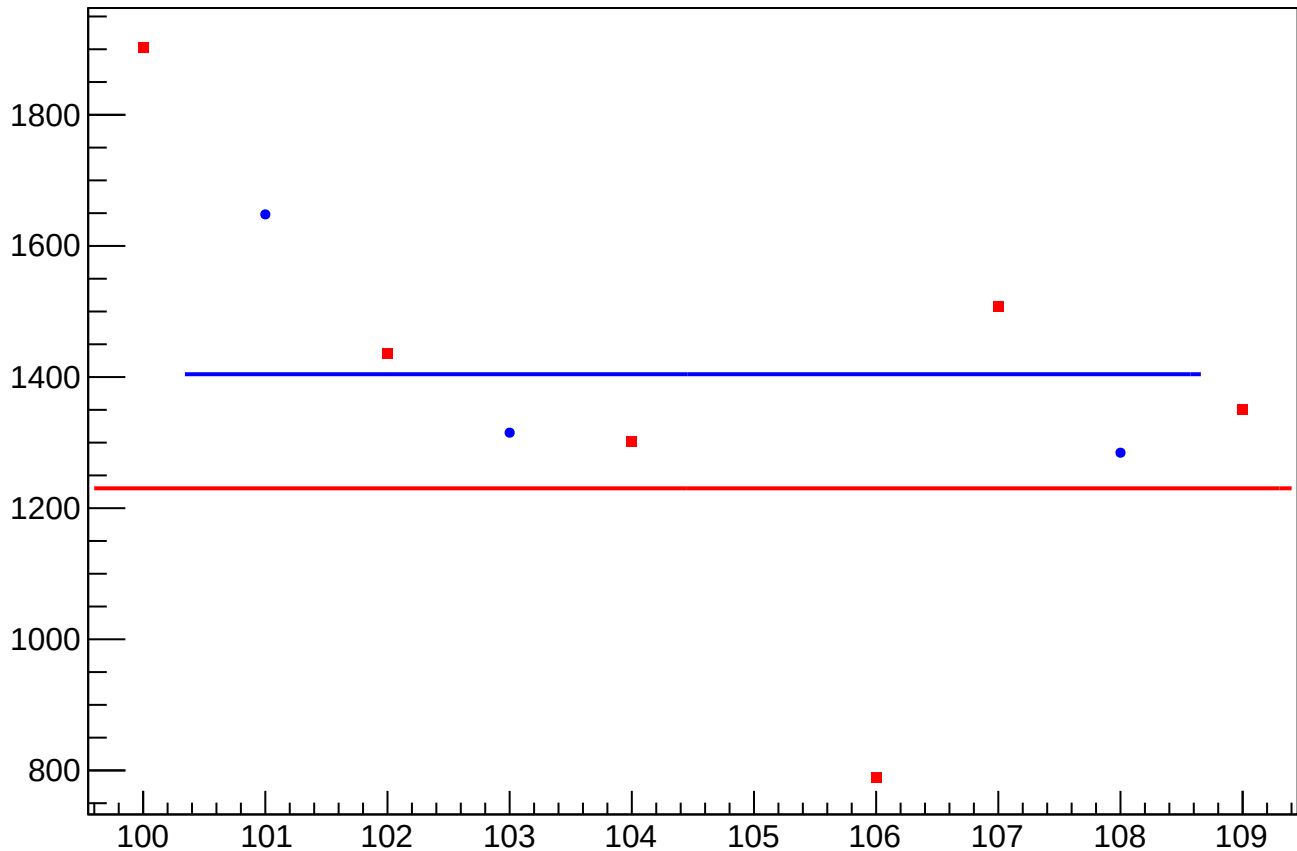
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.071 $\pm$ 714.079 χ^2 /NDF: 13.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1404.326+/-0.784 χ^2/NDF : 40681.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1230.309+/-0.600 χ^2/NDF : 213755.2/5

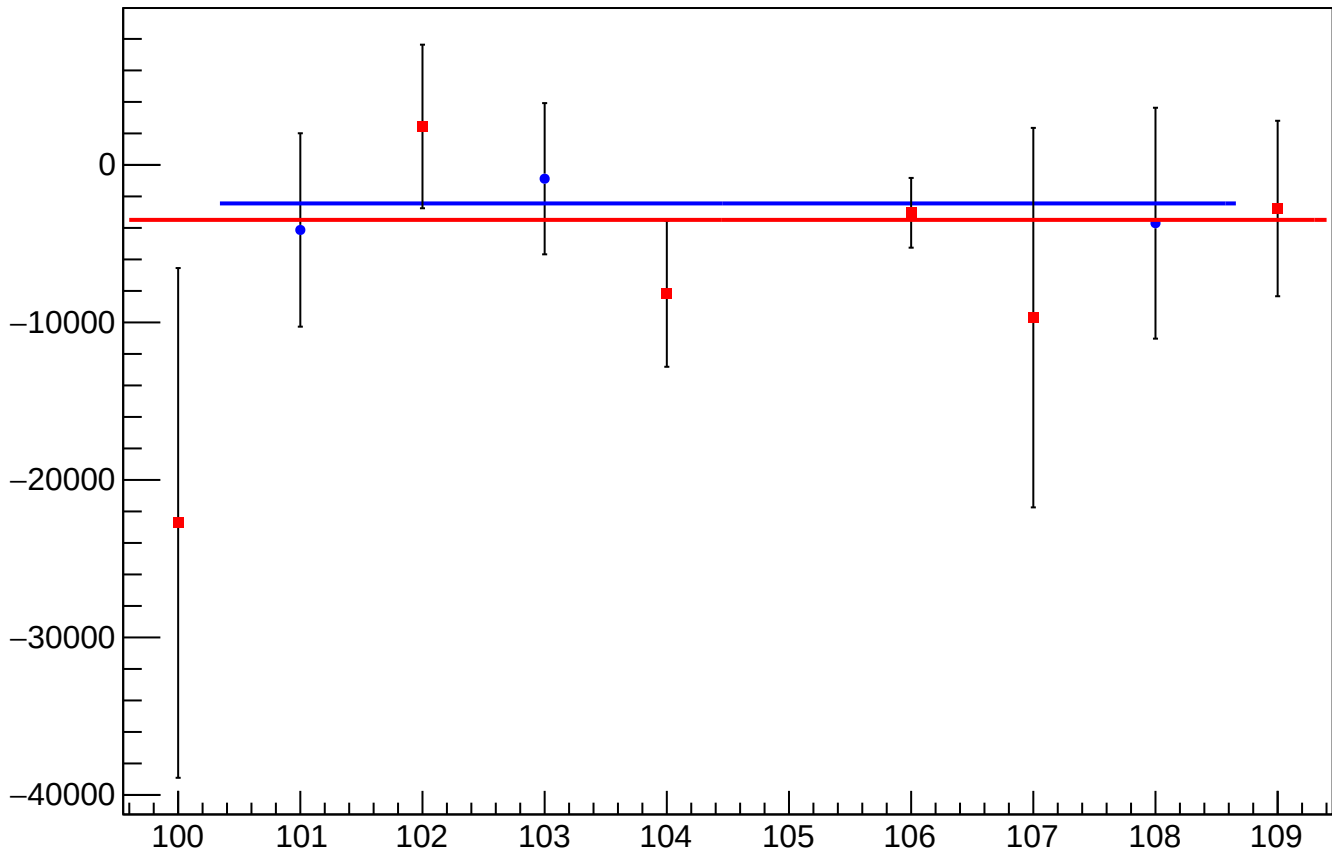
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.538+/-0.476 χ^2/NDF : 285523.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_mean vs Slug



Right In: -2444.539+/-3360.785 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3489.181+/-1739.228 χ^2/NDF : 4.1/5

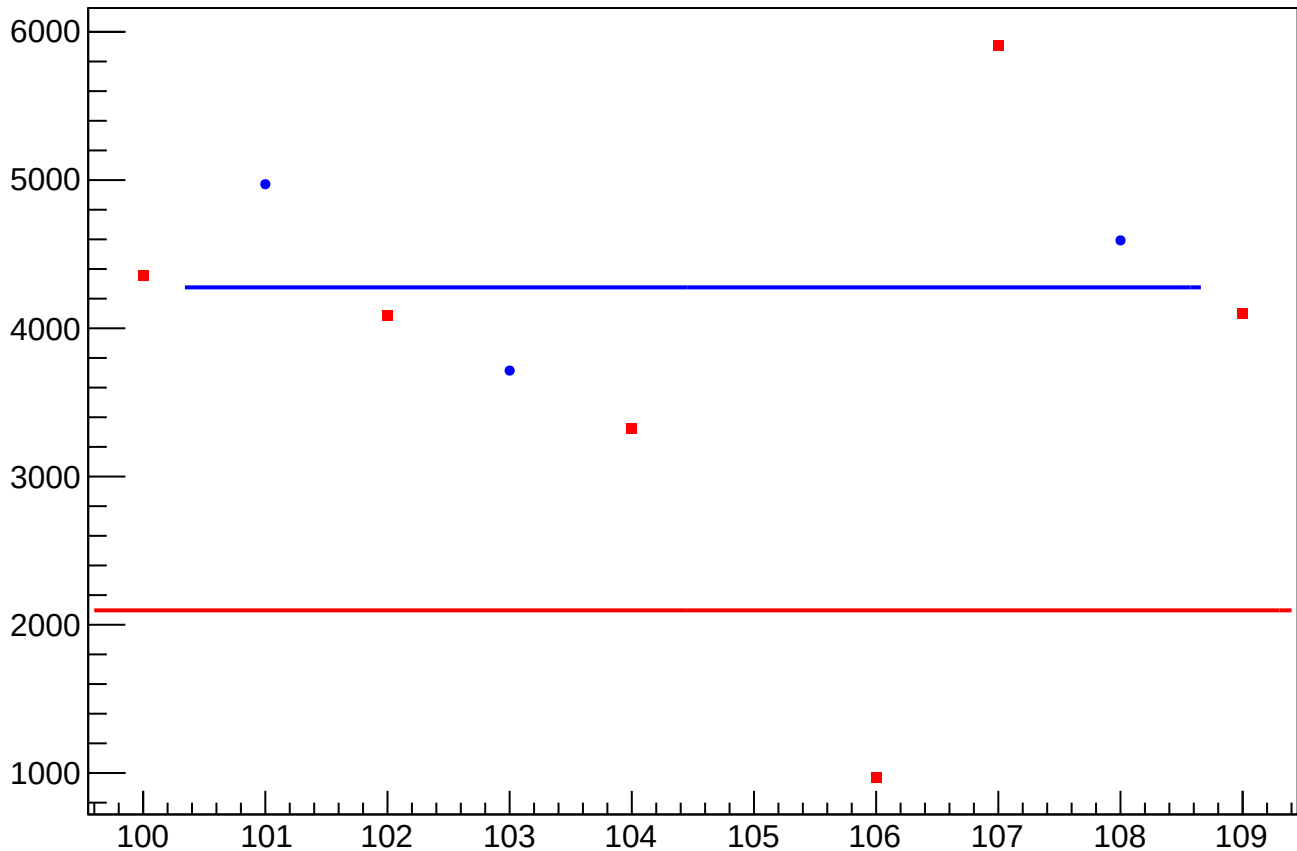
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3268.511+/-1544.646 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 4276.269+/-2.376 χ^2/NDF : 56800.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2097.187+/-1.230 χ^2/NDF : 1448919.3/5

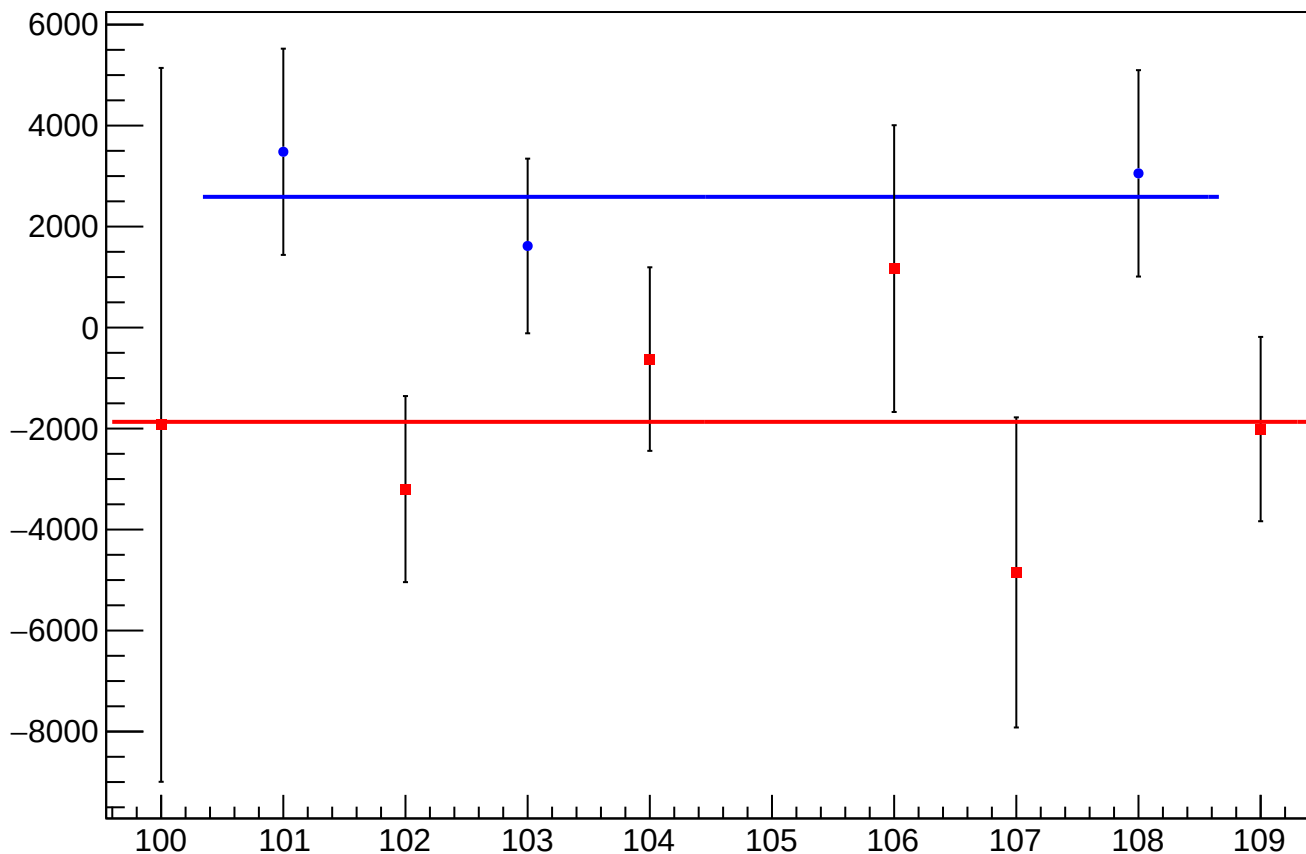
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2557.496+/-1.092 χ^2/NDF : 2168913.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2588.997 $\pm$ 1108.666 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1866.918 $\pm$ 933.516 χ^2 /NDF: 3.1/5

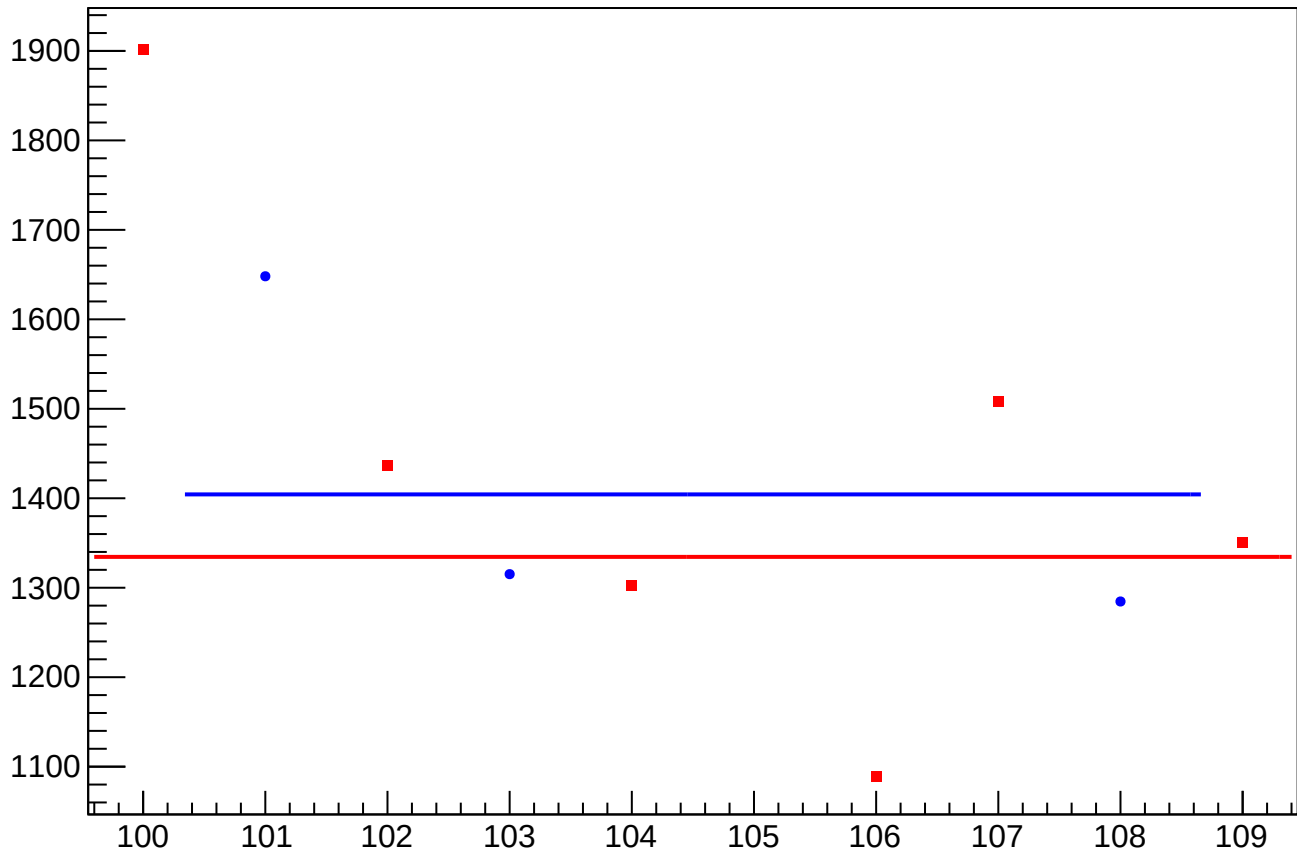
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.337 $\pm$ 714.088 χ^2 /NDF: 13.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1404.325+/-0.784 χ^2/NDF : 40681.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.479+/-0.633 χ^2/NDF : 53249.7/5

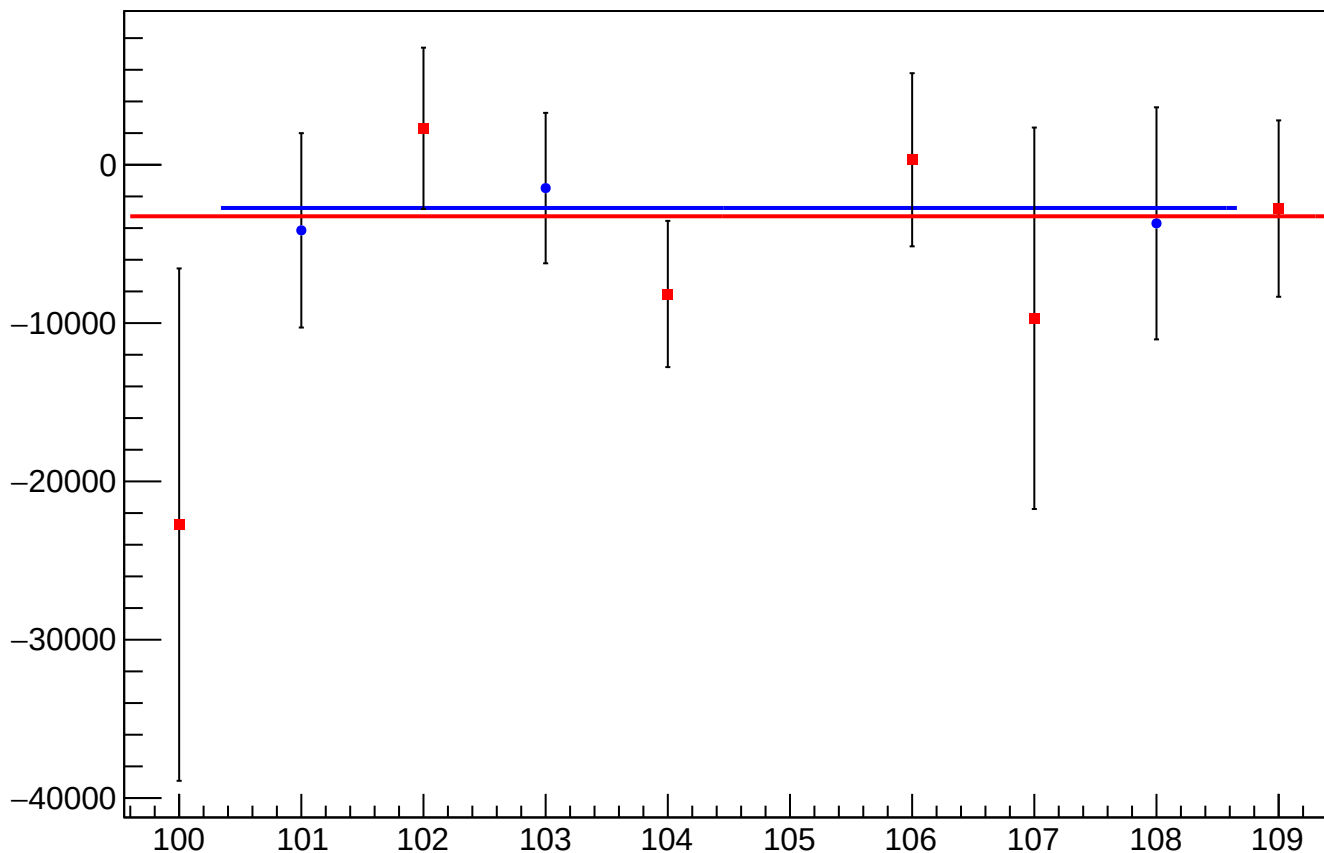
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.043+/-0.492 χ^2/NDF : 98736.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_mean vs Slug



Right In: -2728.035+/-3343.699 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3253.670+/-2486.018 χ^2/NDF : 4.5/5

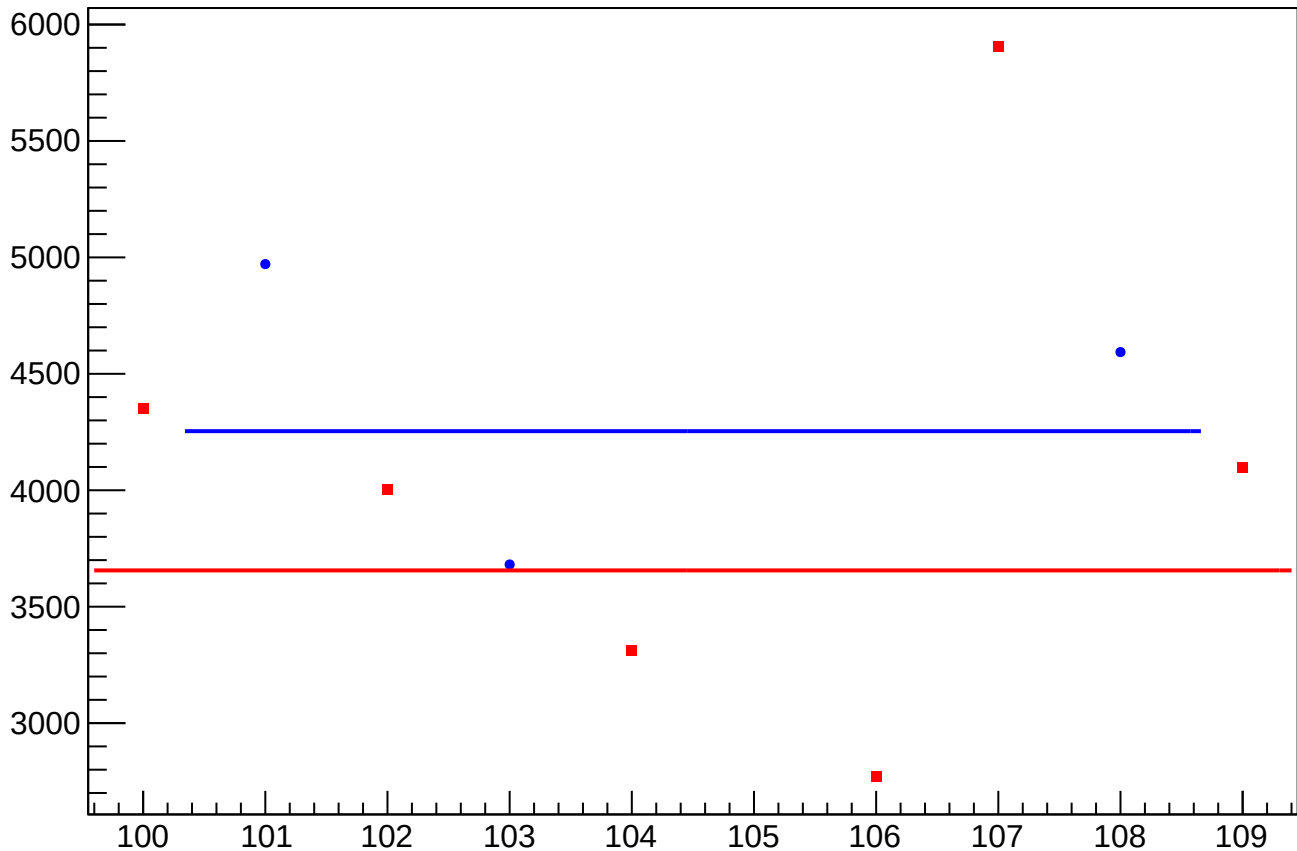
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3066.547+/-1995.028 χ^2/NDF : 4.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 4253.808 $\pm$ 2.364 χ^2 /NDF: 60647.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3655.833 $\pm$ 1.758 χ^2 /NDF: 159243.6/5

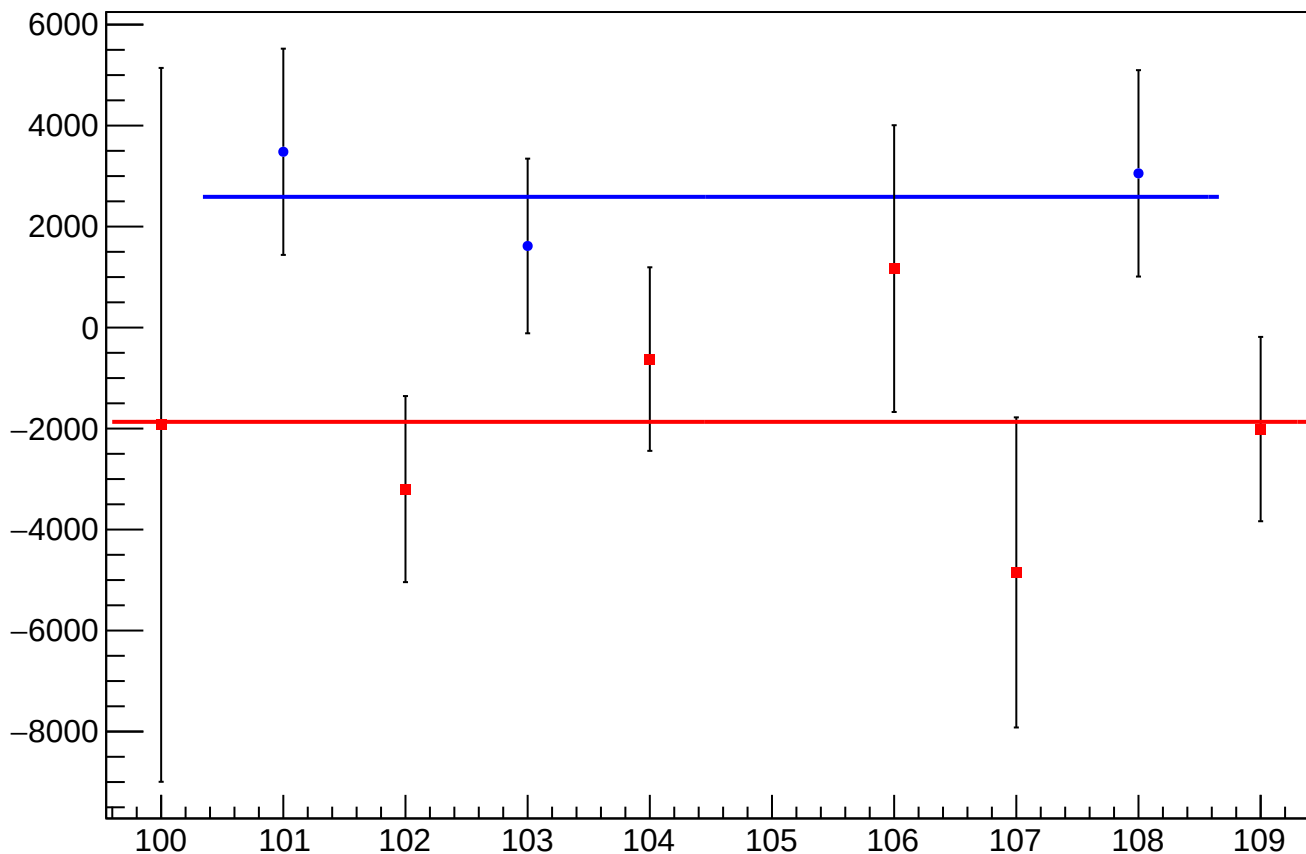
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3868.709 $\pm$ 1.411 χ^2 /NDF: 261084.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2588.997 $\pm$ 1108.666 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1866.918 $\pm$ 933.516 χ^2 /NDF: 3.1/5

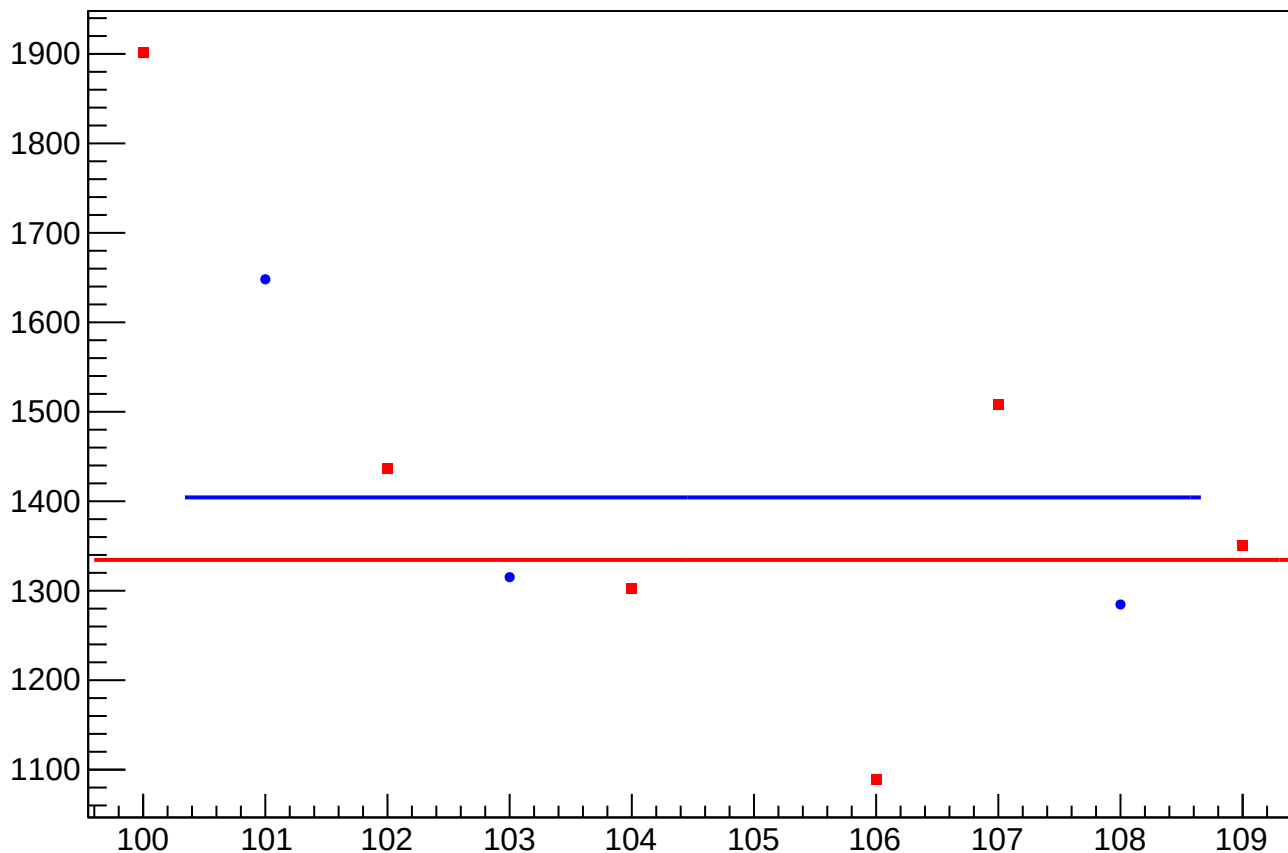
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.337 $\pm$ 714.088 χ^2 /NDF: 13.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1404.325+/-0.784 χ^2/NDF : 40681.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.479+/-0.633 χ^2/NDF : 53249.7/5

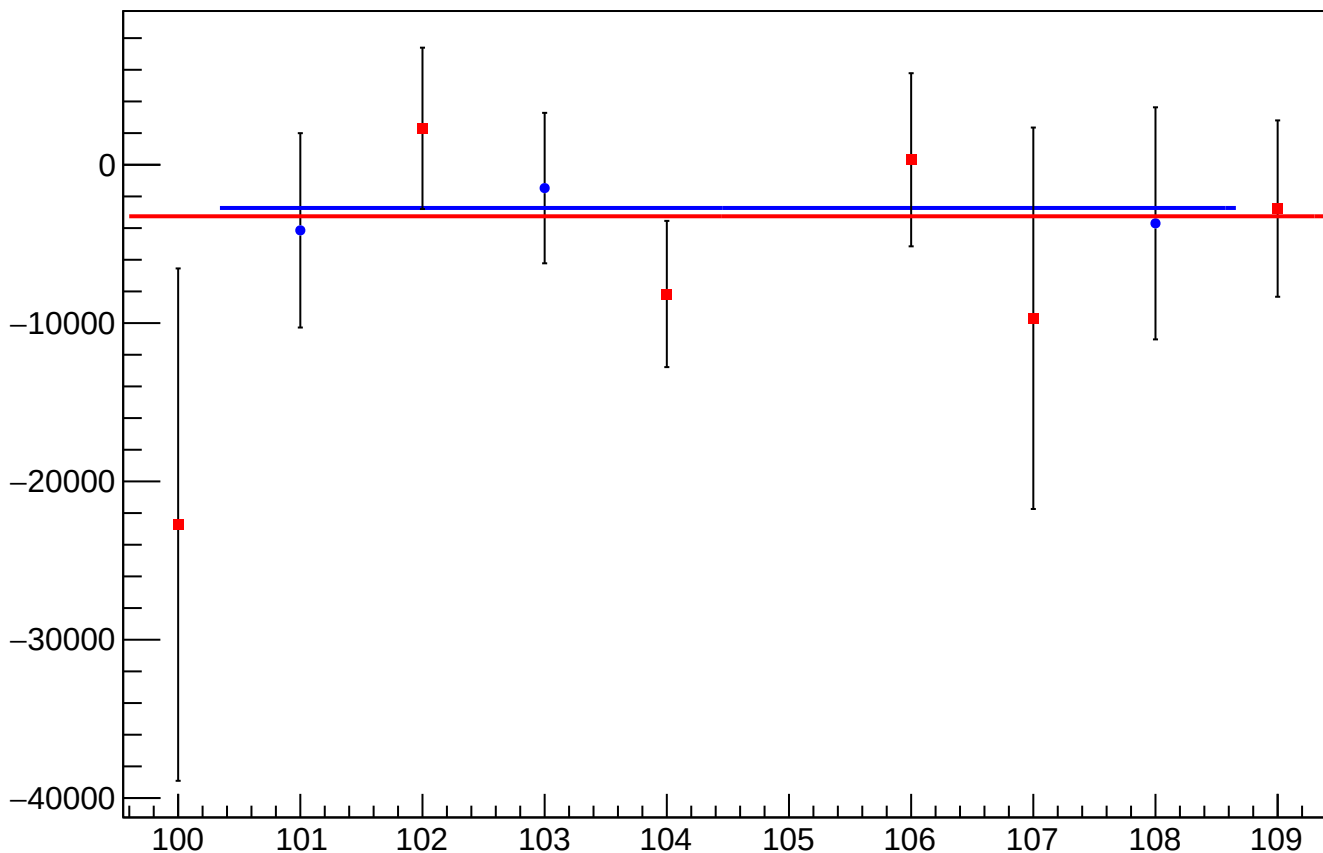
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.043+/-0.492 χ^2/NDF : 98736.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug



Right In: -2728.035+/-3343.699 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3253.670+/-2486.018 χ^2/NDF : 4.5/5

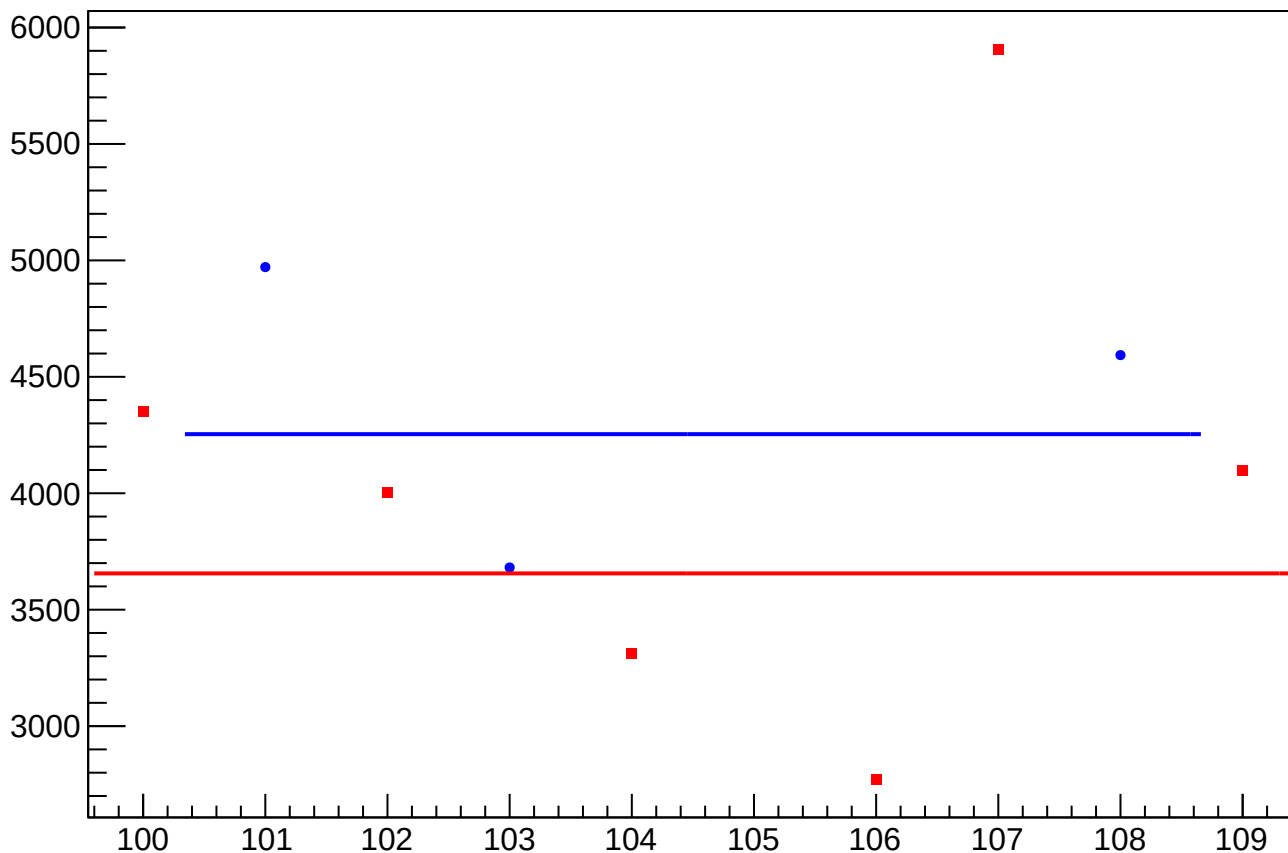
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3066.547+/-1995.028 χ^2/NDF : 4.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



Right In: 4253.808+/-2.364 χ^2/NDF : 60647.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3655.833+/-1.758 χ^2/NDF : 159243.6/5

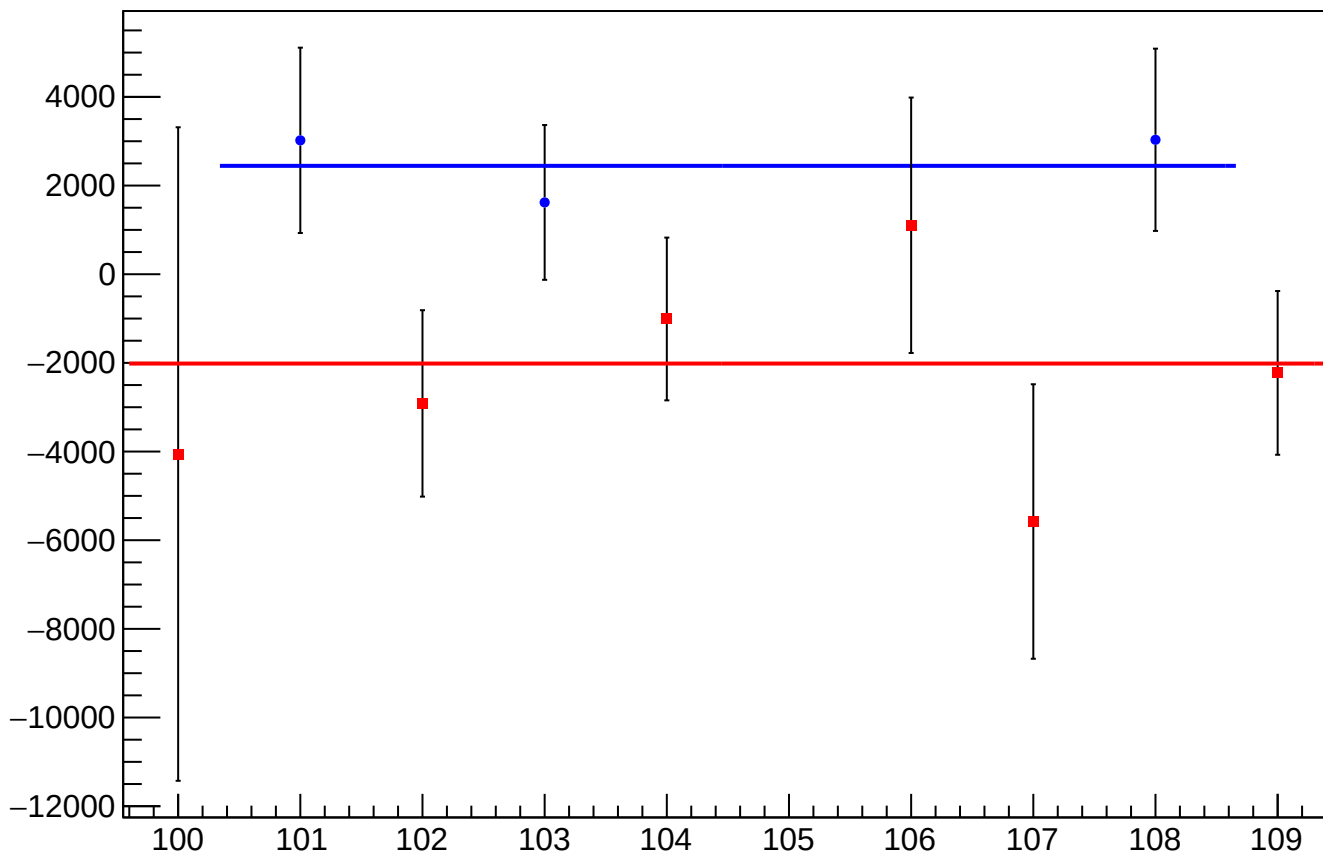
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3868.709+/-1.411 χ^2/NDF : 261084.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2444.868 $\pm$ 1122.565 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2015.196 $\pm$ 971.572 χ^2 /NDF: 3.1/5

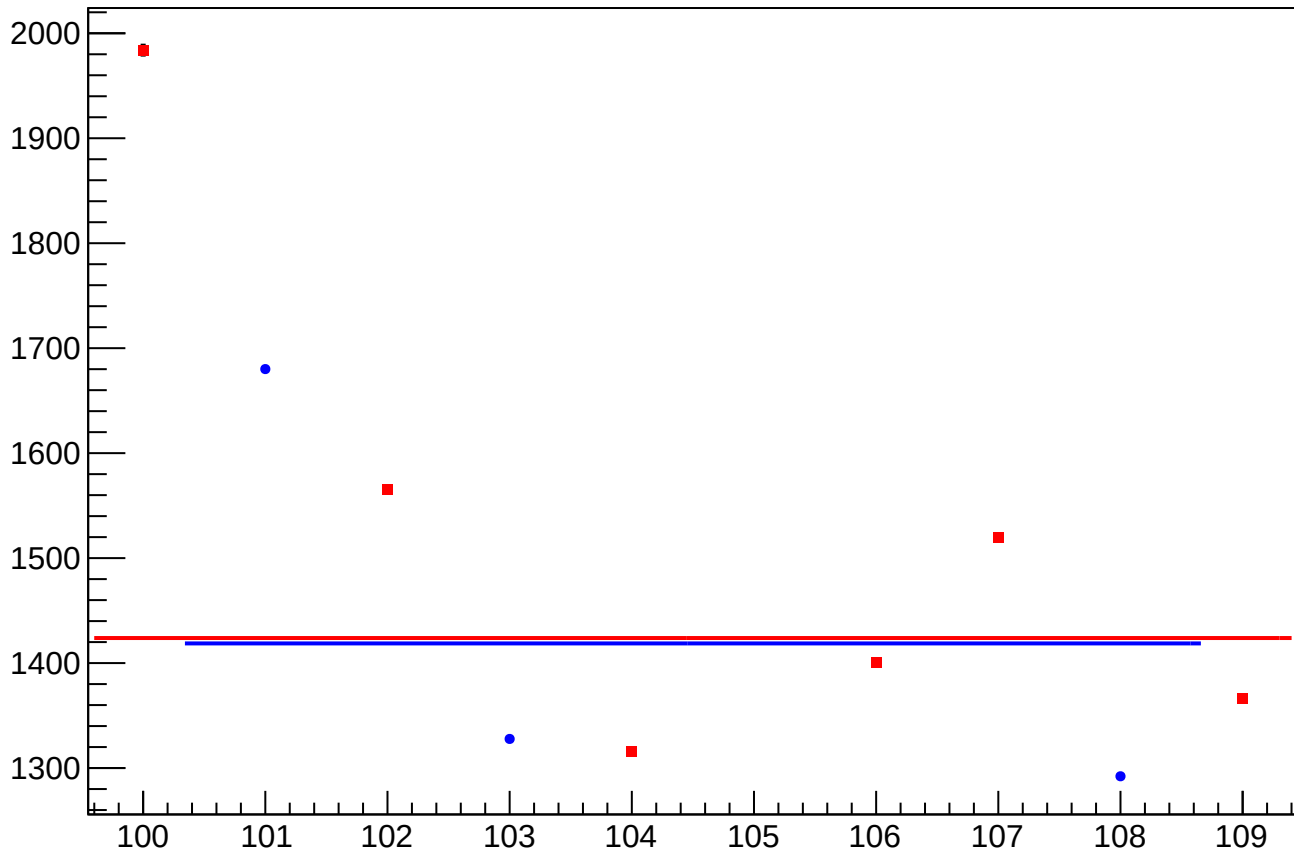
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -105.085 $\pm$ 734.633 χ^2 /NDF: 12.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1418.735 $\pm$ 0.794 χ^2 /NDF: 44274.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1423.868 $\pm$ 0.681 χ^2 /NDF: 31574.2/5

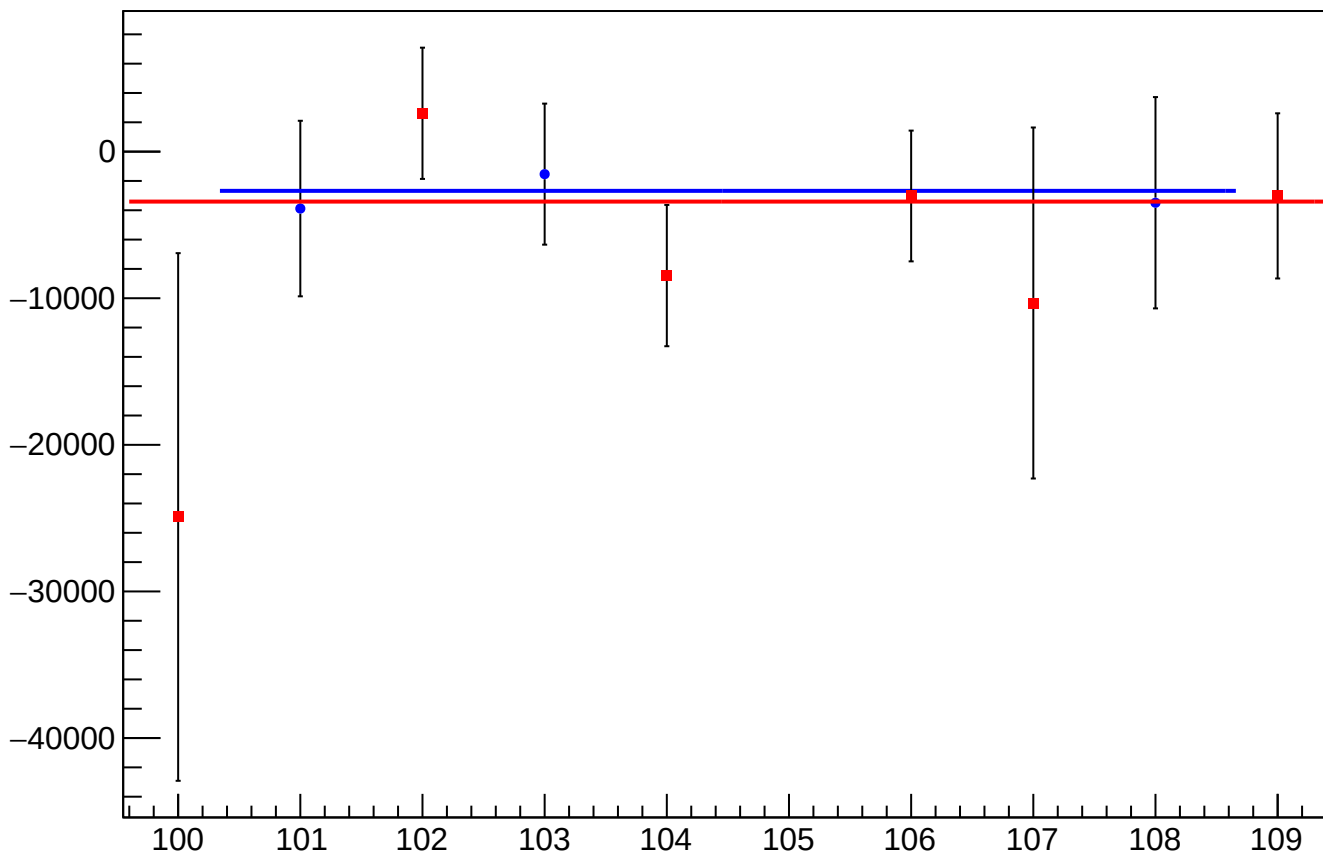
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1421.692 $\pm$ 0.517 χ^2 /NDF: 75872.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



Right In: -2676.045+/-3326.414 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3408.051+/-2325.983 χ^2/NDF : 4.7/5

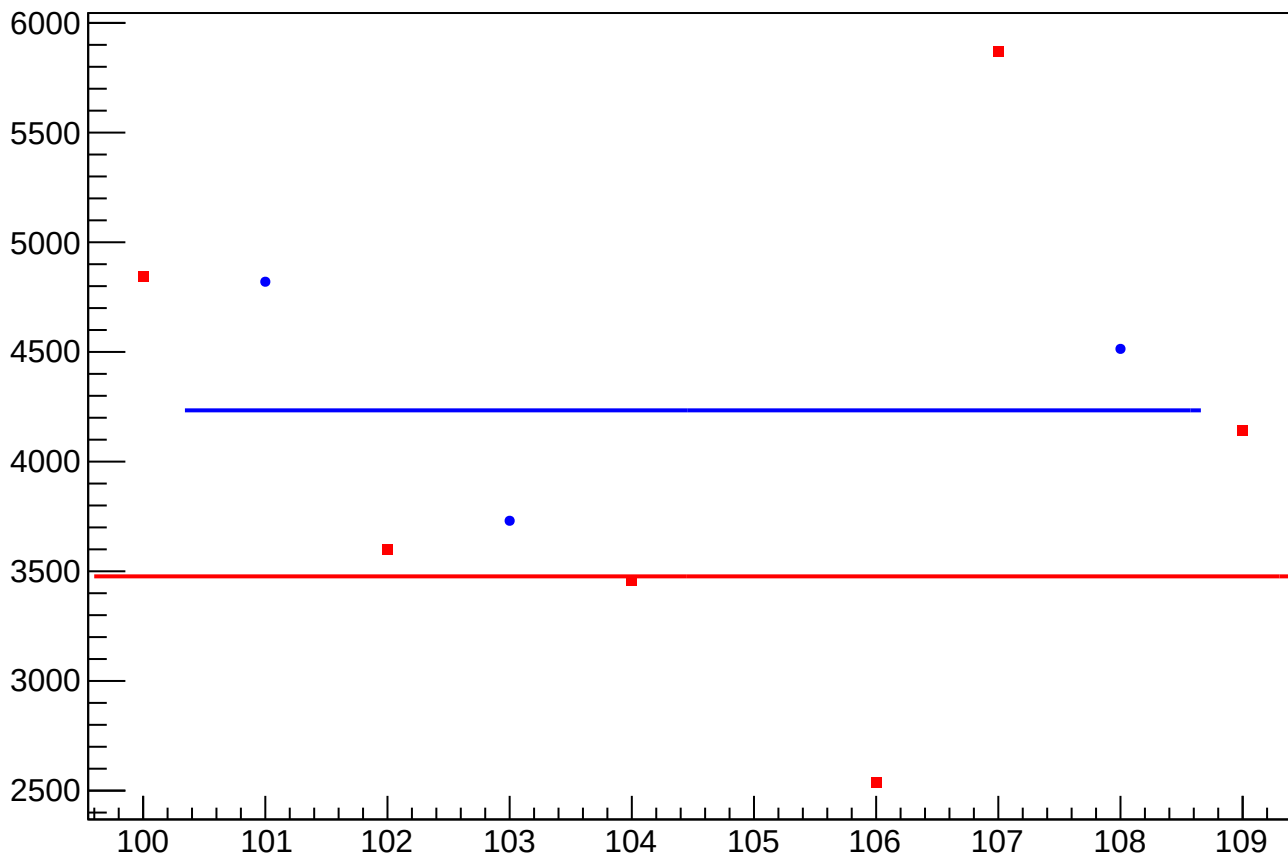
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3167.673+/-1906.194 χ^2/NDF : 4.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 4233.712+/-2.352 χ^2/NDF : 44116.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3476.853+/-1.645 χ^2/NDF : 209417.7/5

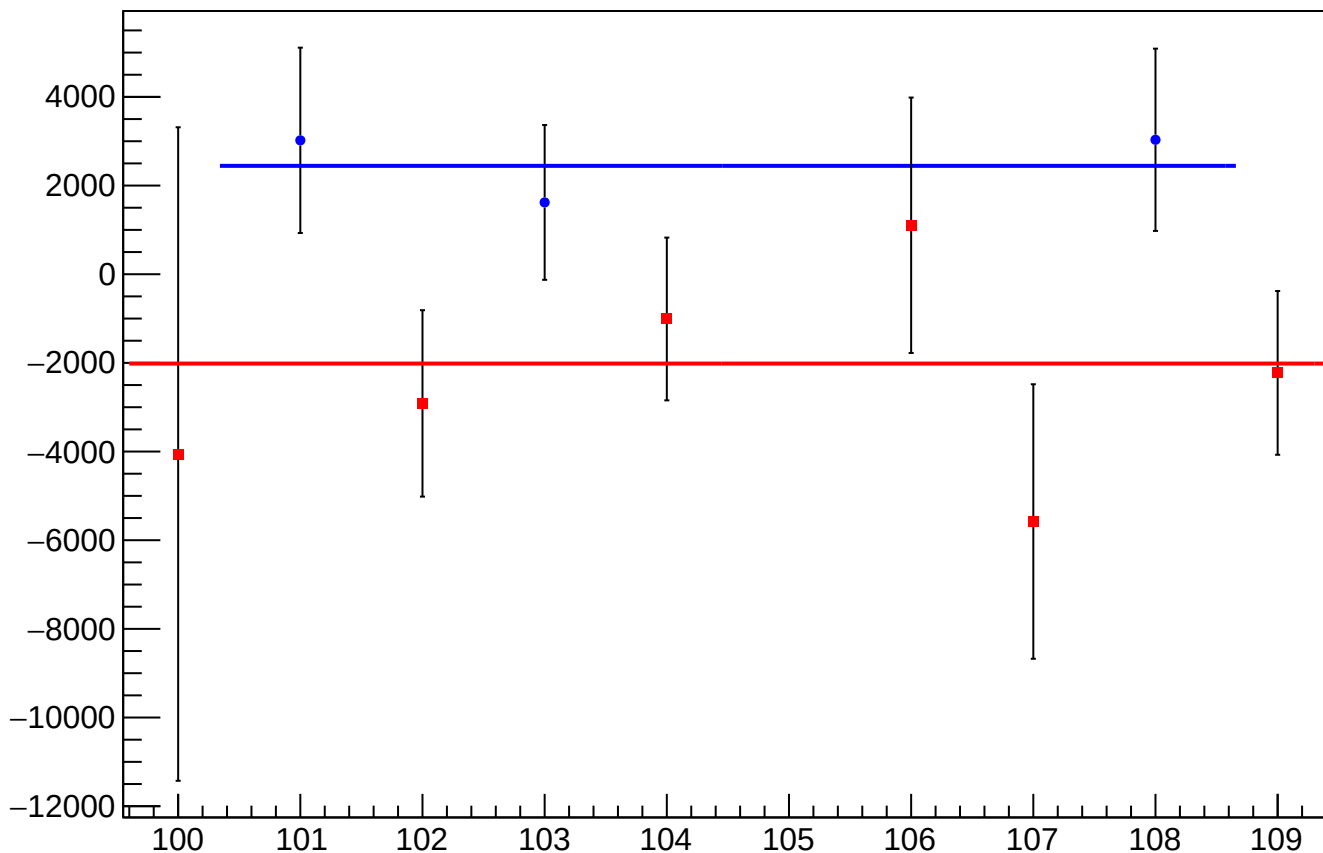
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3725.393+/-1.348 χ^2/NDF : 323073.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2444.874 $\pm$ 1122.566 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2015.196 $\pm$ 971.572 χ^2 /NDF: 3.1/5

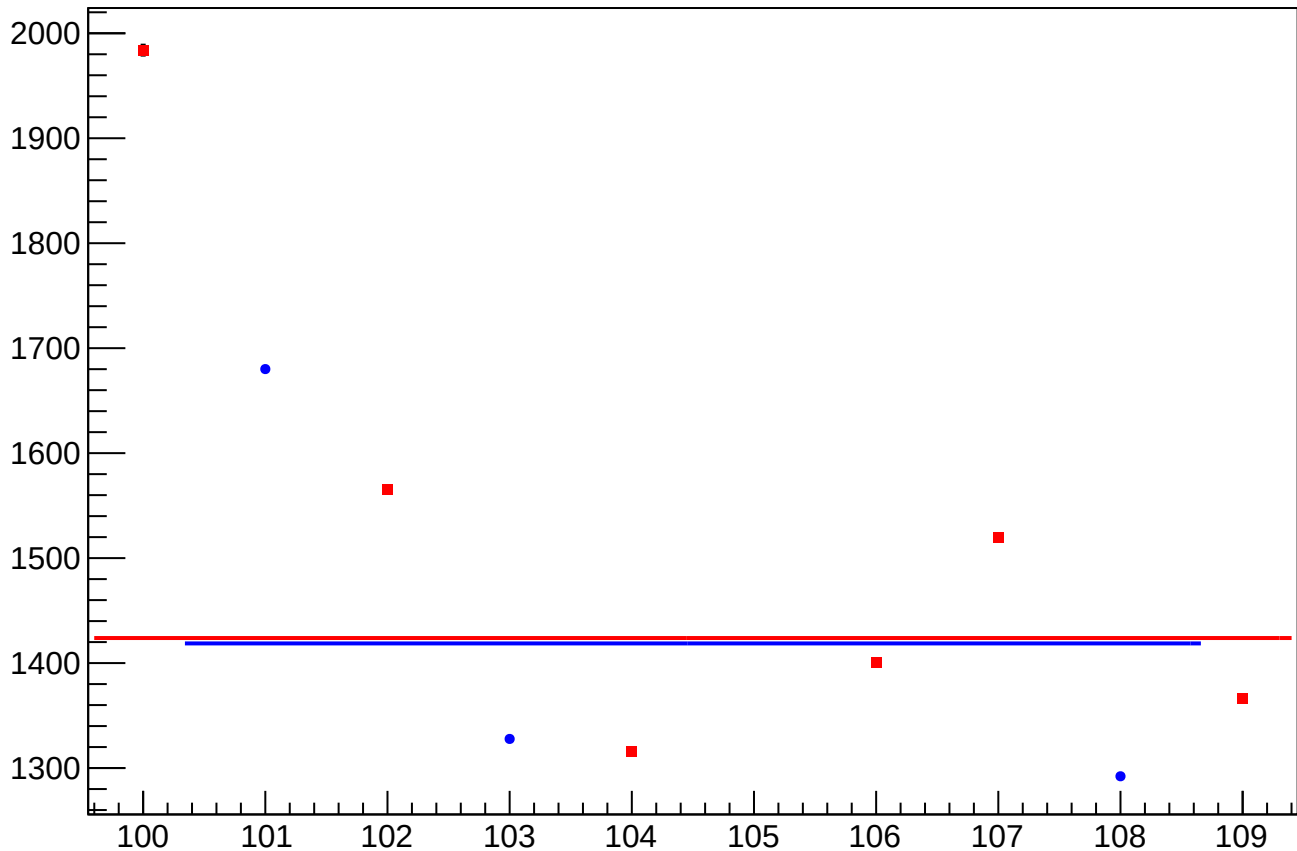
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -105.083 $\pm$ 734.633 χ^2 /NDF: 12.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1418.735 $\pm$ 0.794 χ^2 /NDF: 44274.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1423.867 $\pm$ 0.681 χ^2 /NDF: 31574.2/5

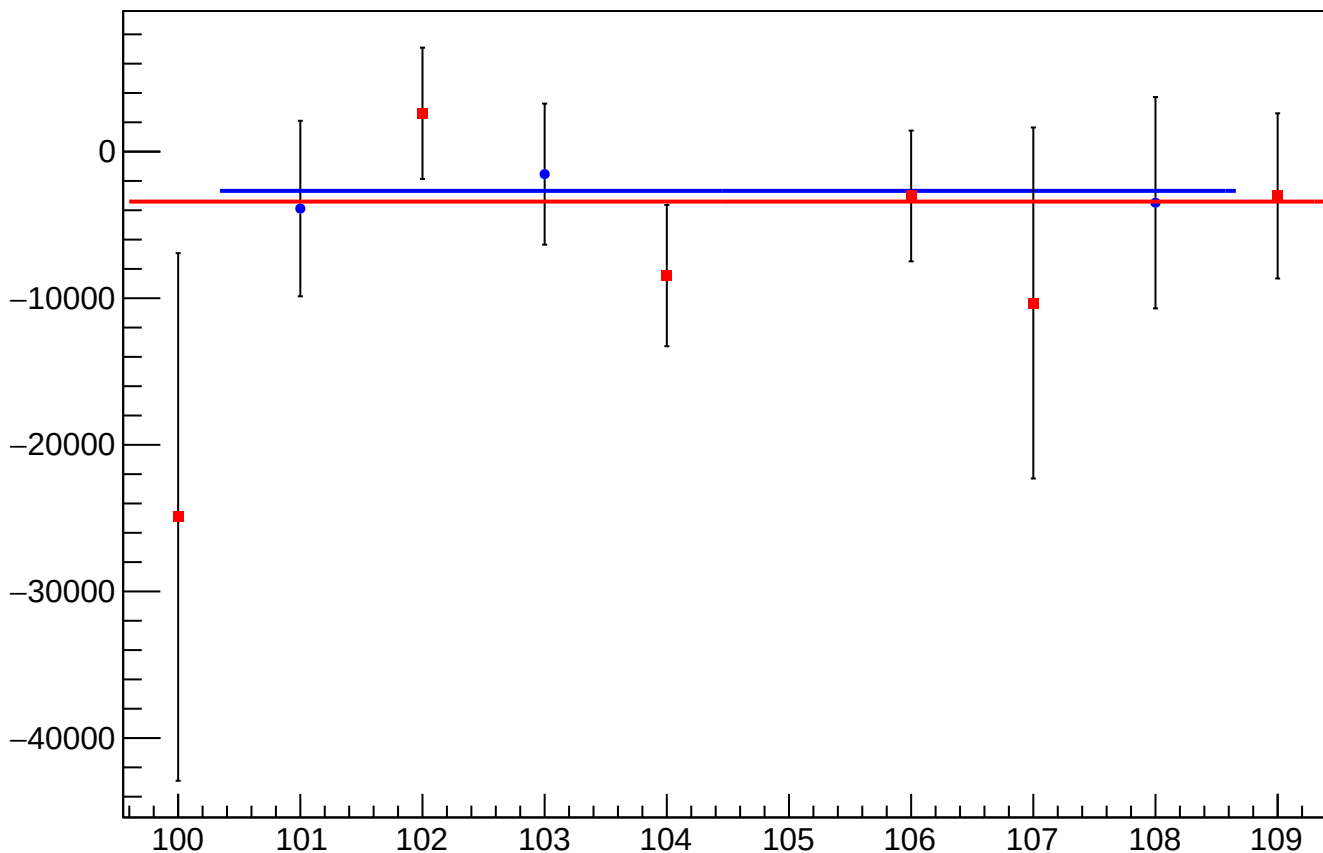
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1421.692 $\pm$ 0.517 χ^2 /NDF: 75872.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug



Right In: -2676.042+/-3326.410 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3408.050+/-2325.979 χ^2/NDF : 4.7/5

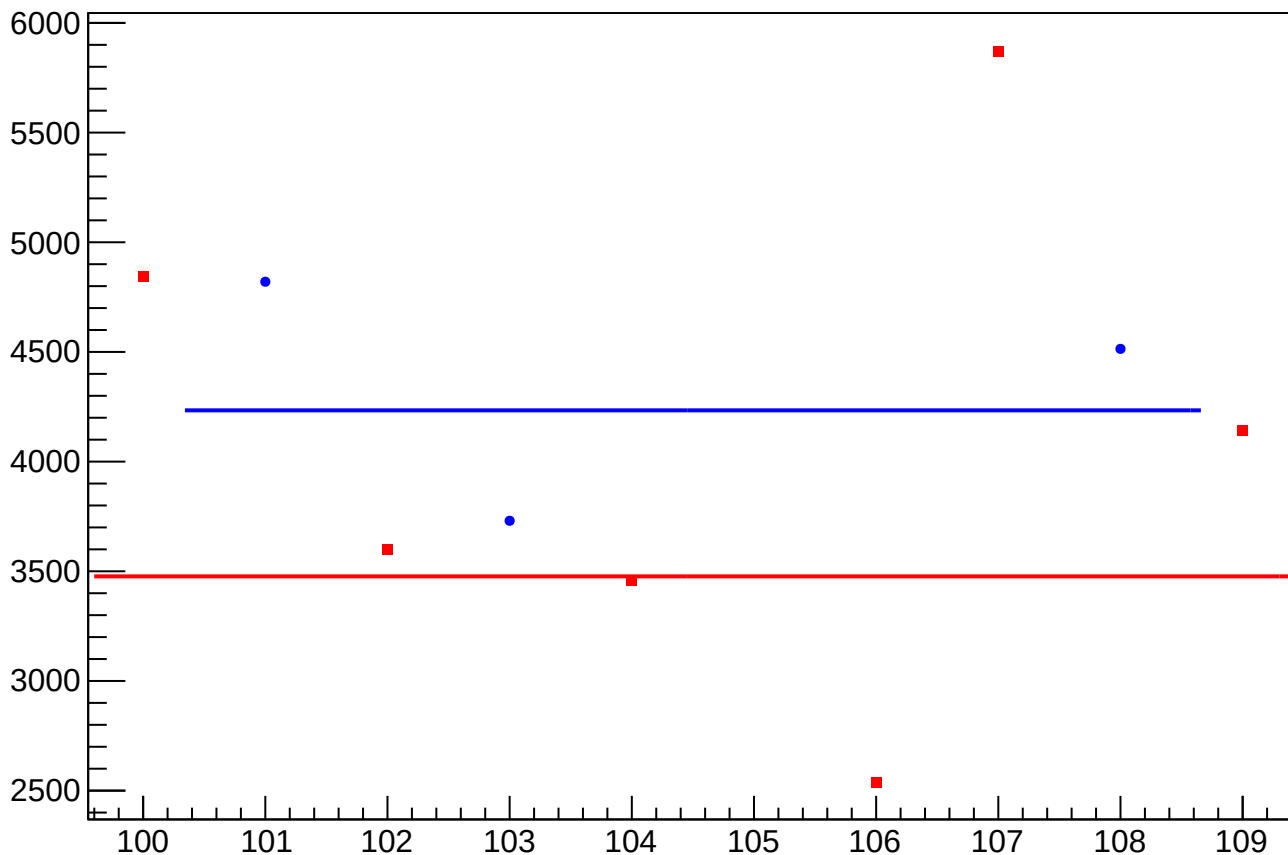
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3167.671+/-1906.191 χ^2/NDF : 4.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



Right In: 4233.706+/-2.352 χ^2/NDF : 44116.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3476.848+/-1.645 χ^2/NDF : 209417.6/5

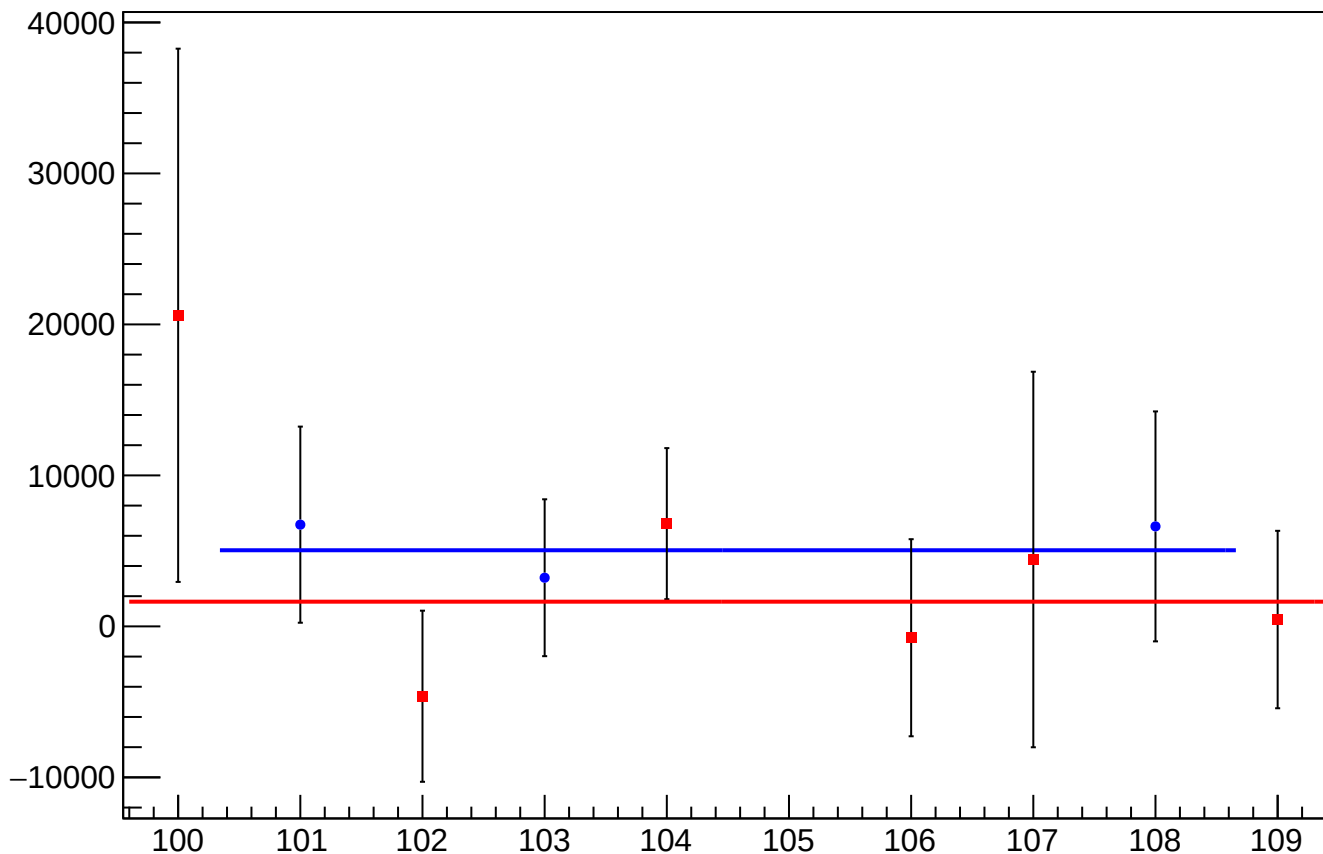
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3725.388+/-1.348 χ^2/NDF : 323073.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_mean vs Slug



Right In: 5041.823+/-3580.668 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1636.010+/-2739.983 χ^2/NDF : 3.7/5

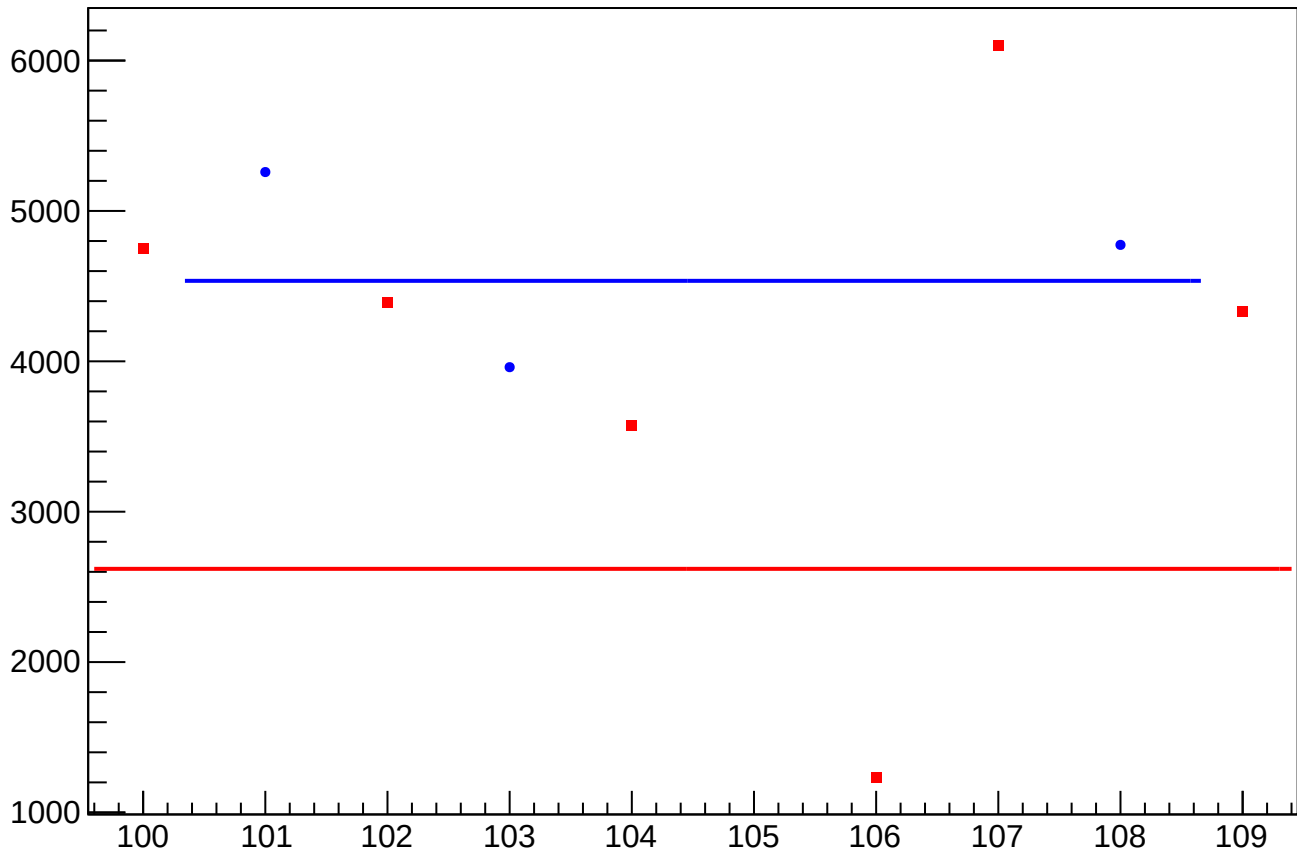
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2893.797+/-2175.992 χ^2/NDF : 4.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_rms vs Slug



Right In: 4535.204 $\pm$ 2.532 χ^2 /NDF: 51208.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2620.027 $\pm$ 1.463 χ^2 /NDF: 1099116.8/5

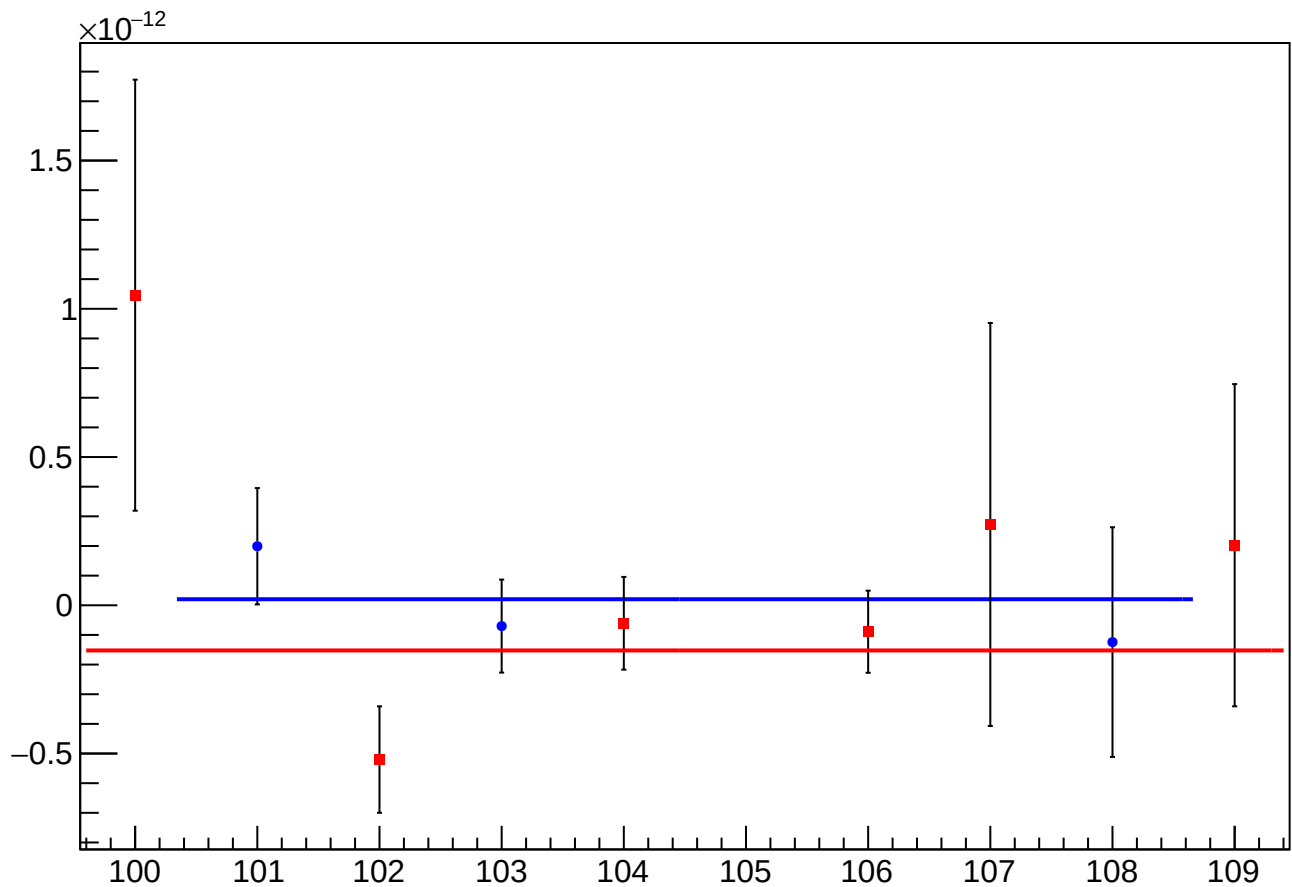
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3099.351 $\pm$ 1.267 χ^2 /NDF: 1579301.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/5

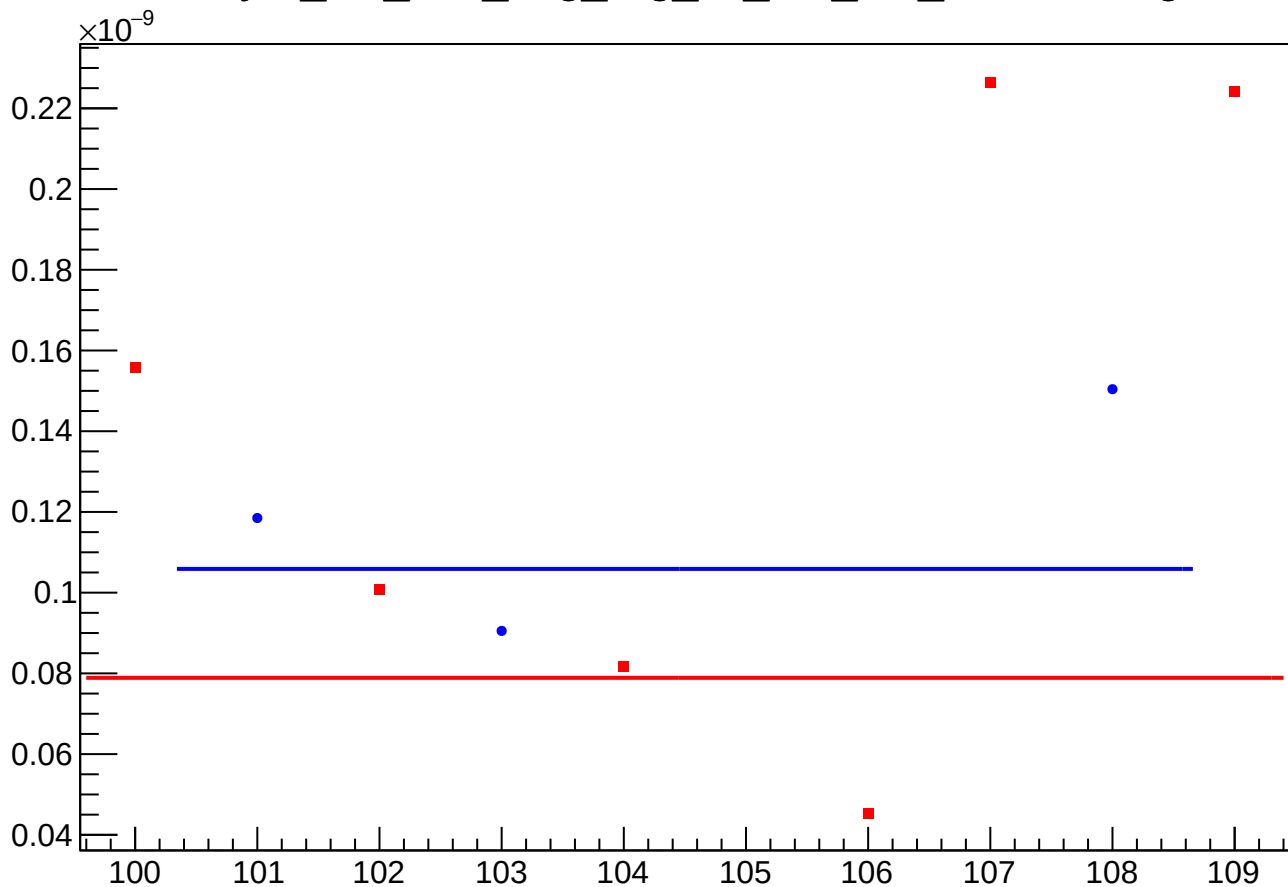
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 53872.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 407755.0/5

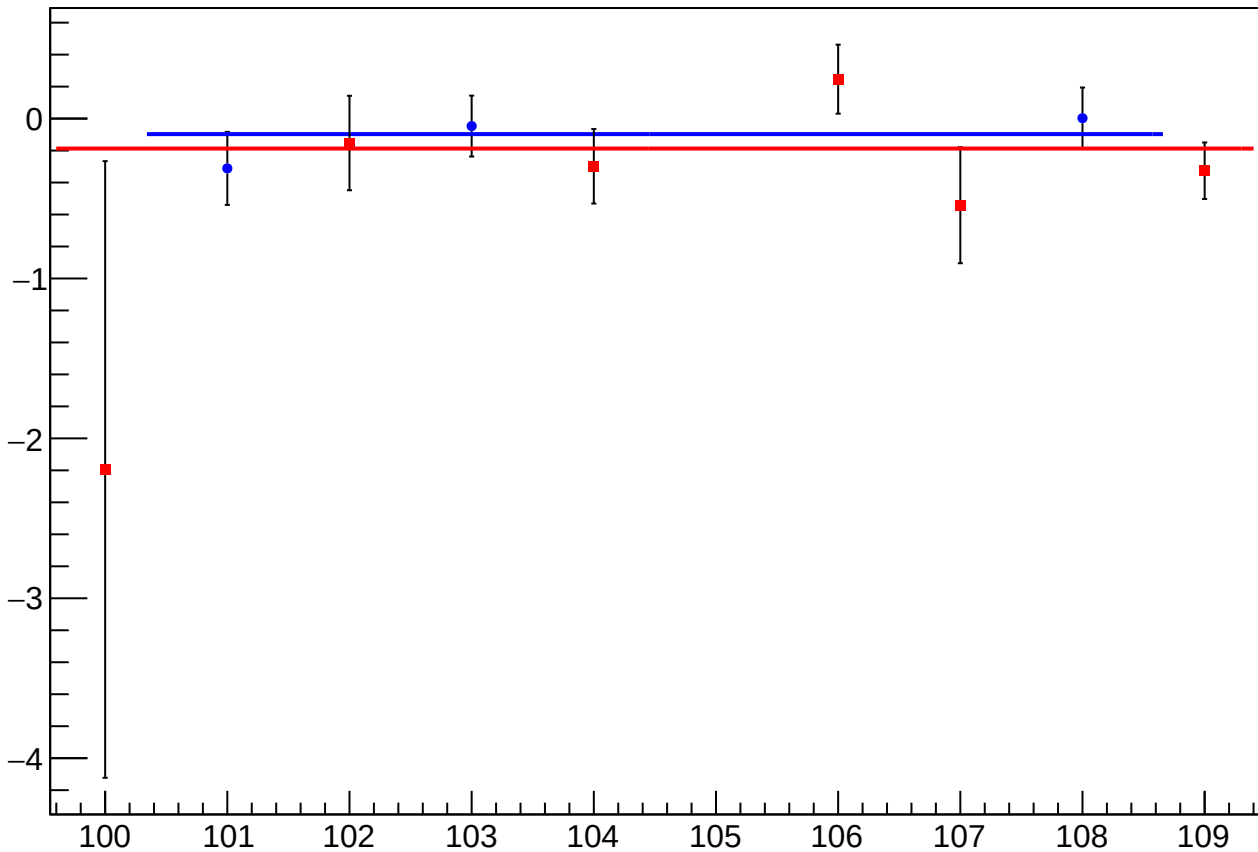
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 530169.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.097 $\pm$ 0.116 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.187 $\pm$ 0.105 χ^2 /NDF: 6.9/5

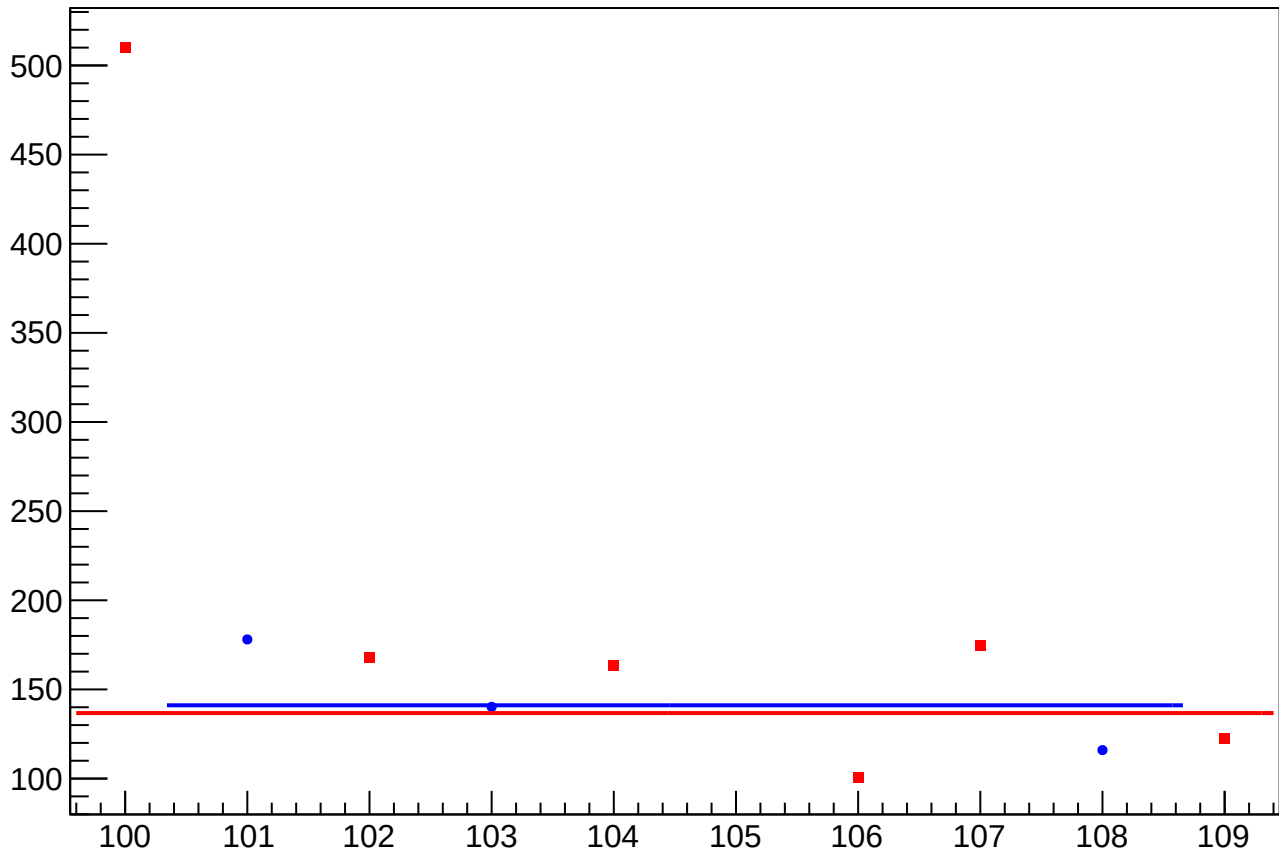
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.147 $\pm$ 0.078 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 141.105+/-0.082 χ^2/NDF : 86782.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.740+/-0.074 χ^2/NDF : 214193.6/5

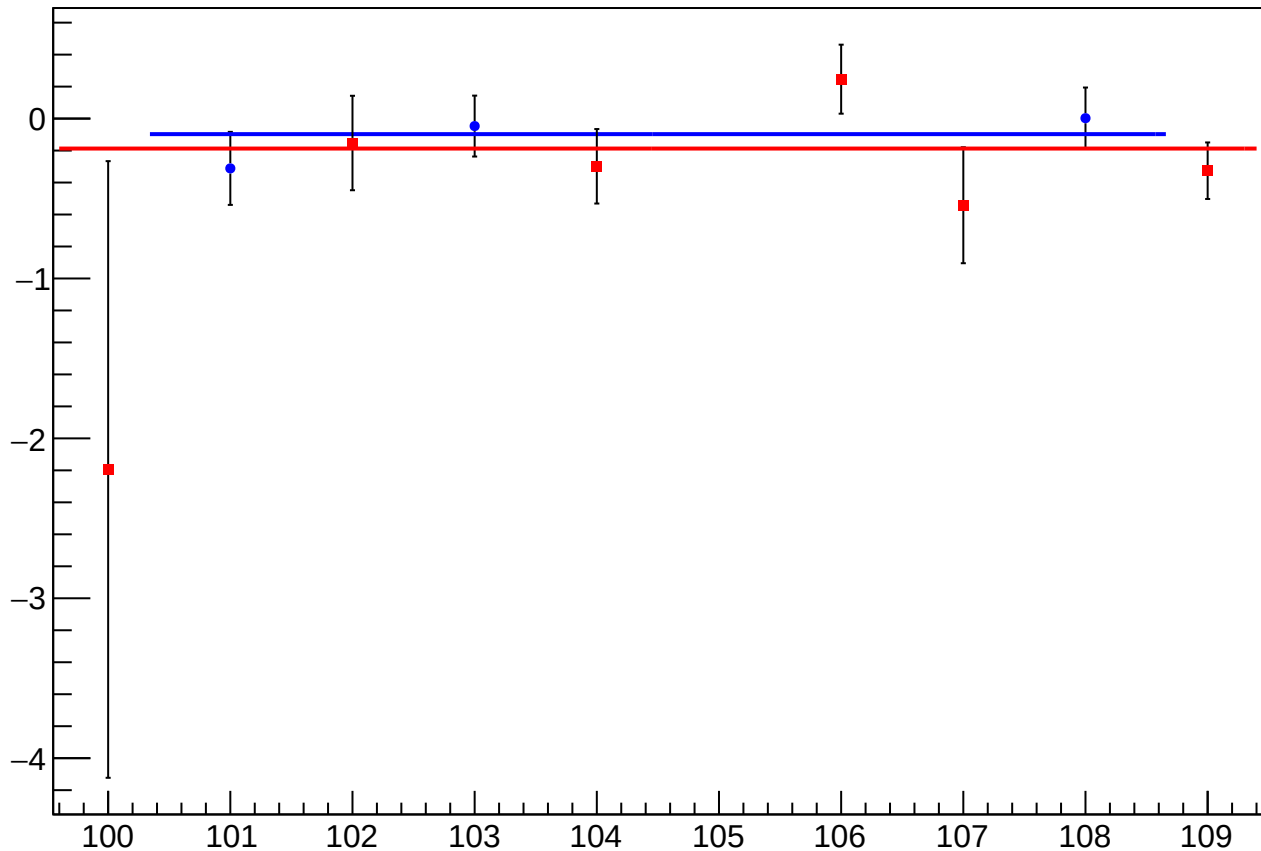
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.695+/-0.055 χ^2/NDF : 302533.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.097+/-0.116 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.187+/-0.105 χ^2/NDF : 6.9/5

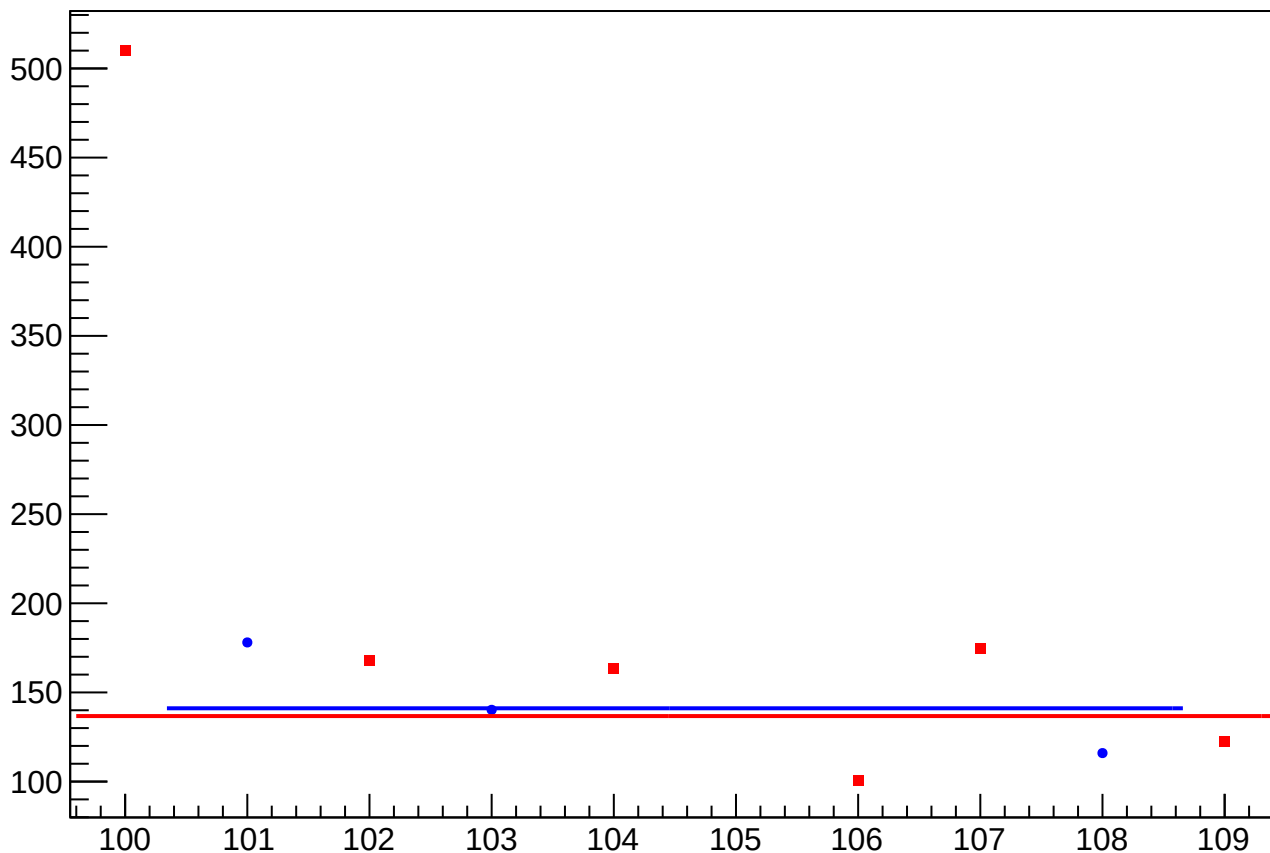
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.147+/-0.078 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 141.105+/-0.082 χ^2/NDF : 86782.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.740+/-0.074 χ^2/NDF : 214193.6/5

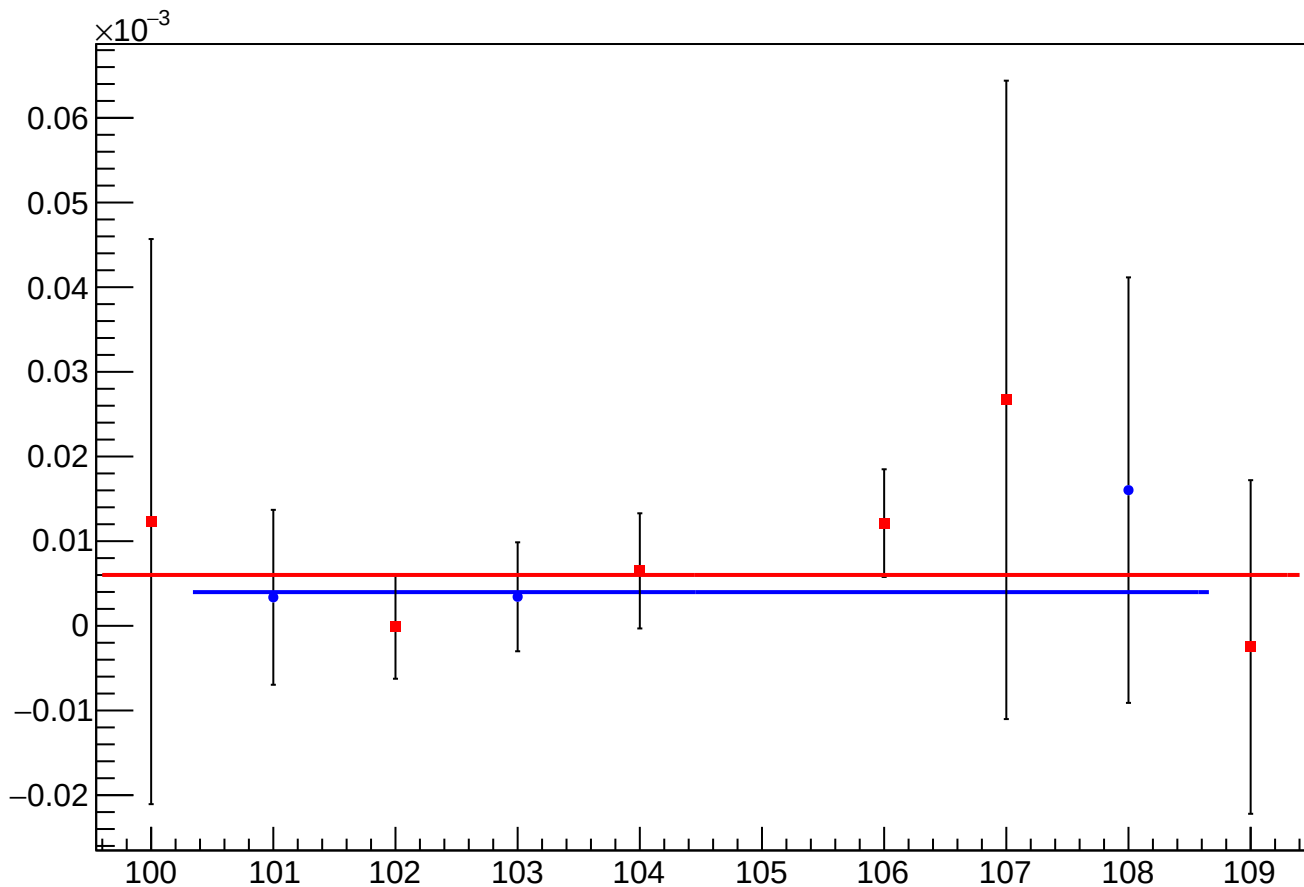
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.695+/-0.055 χ^2/NDF : 302533.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/5

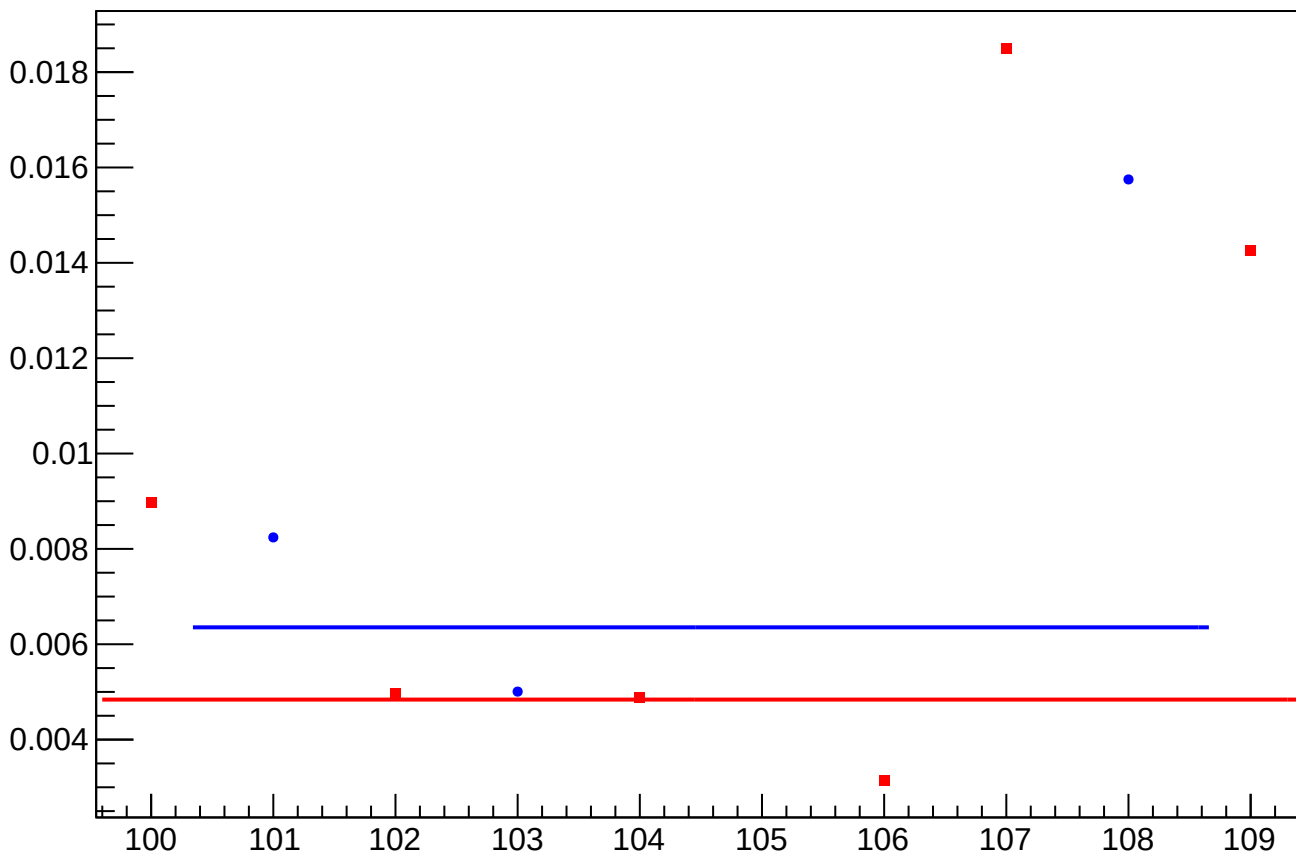
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 433943.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 894147.0/5

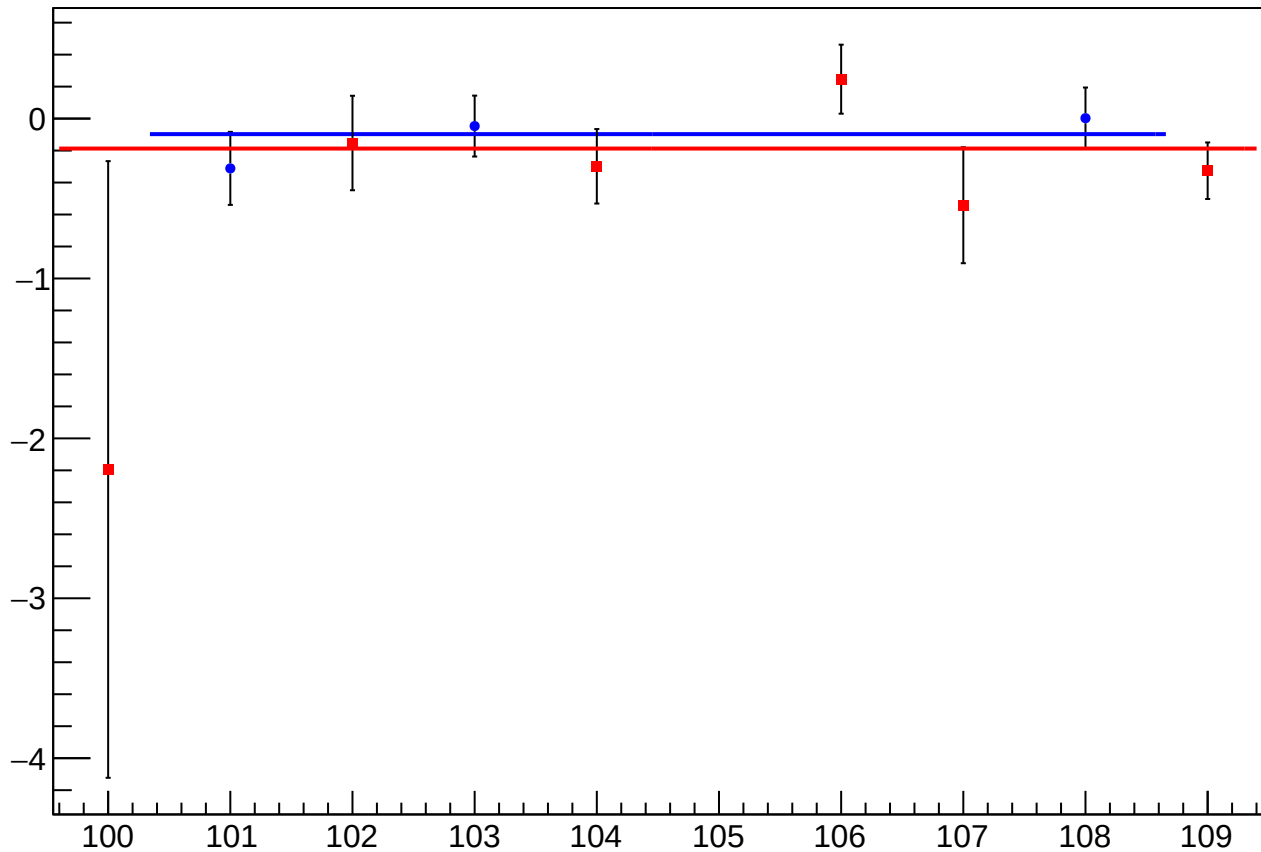
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1438717.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.097 $\pm$ 0.116 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.187 $\pm$ 0.105 χ^2 /NDF: 6.9/5

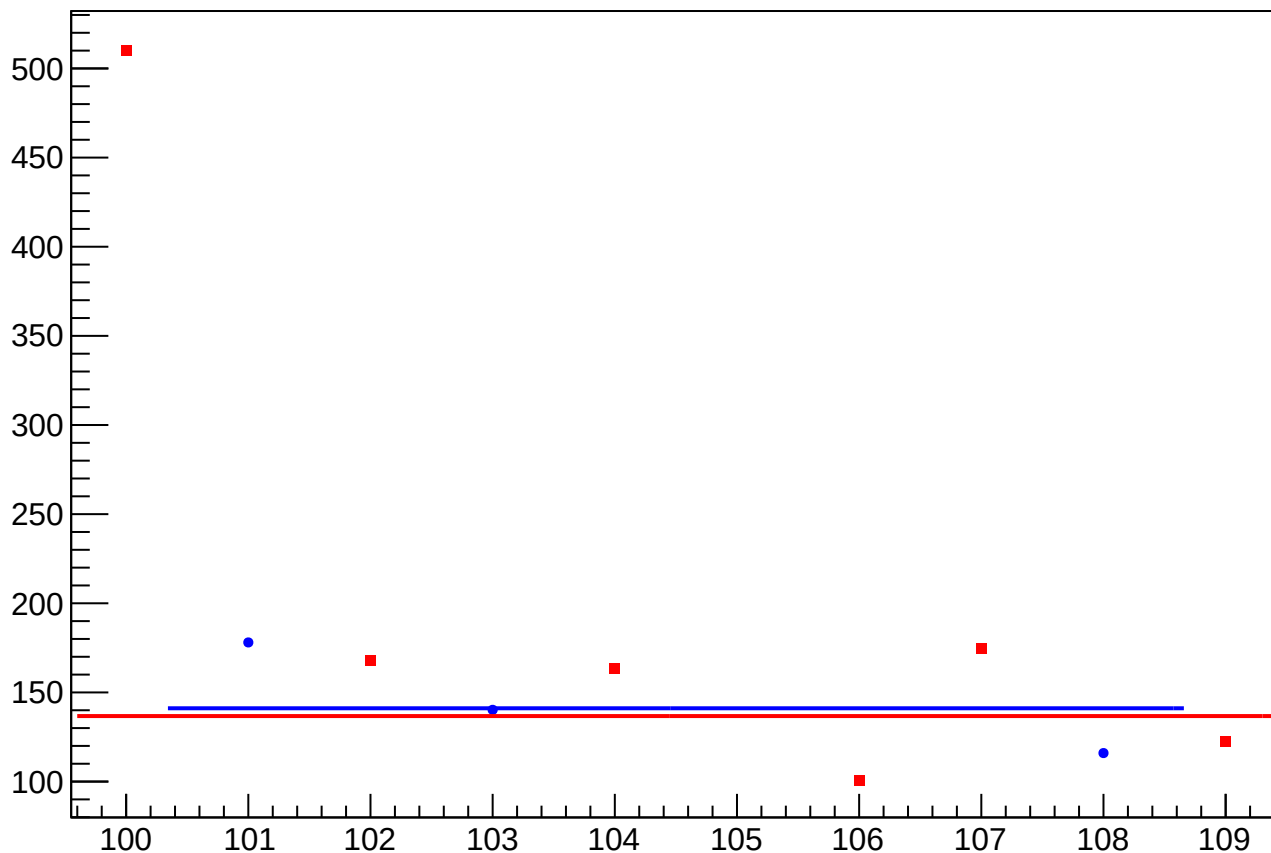
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.147 $\pm$ 0.078 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 141.110 $\pm$ 0.082 χ^2 /NDF: 86742.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.742 $\pm$ 0.074 χ^2 /NDF: 214193.4/5

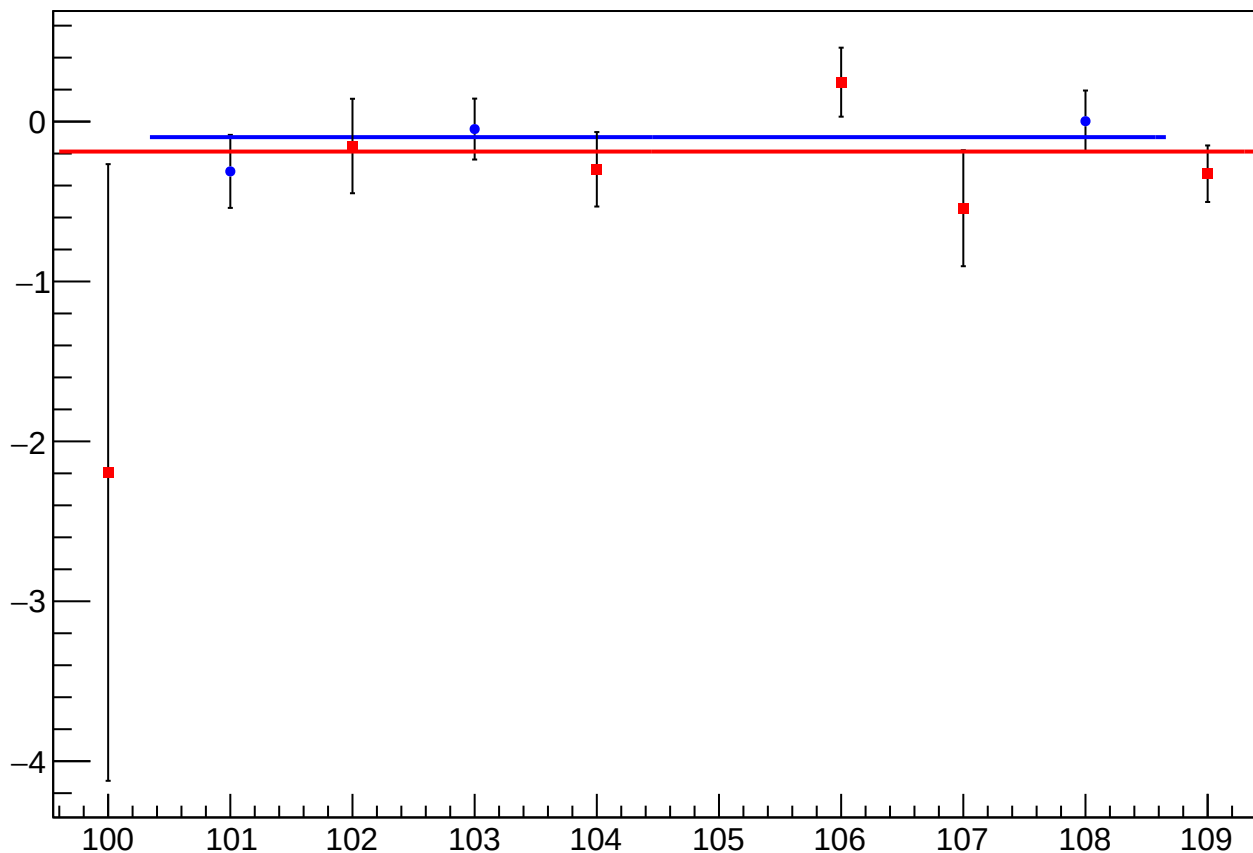
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.697 $\pm$ 0.055 χ^2 /NDF: 302495.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.097+/-0.116 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.187+/-0.105 χ^2/NDF : 6.9/5

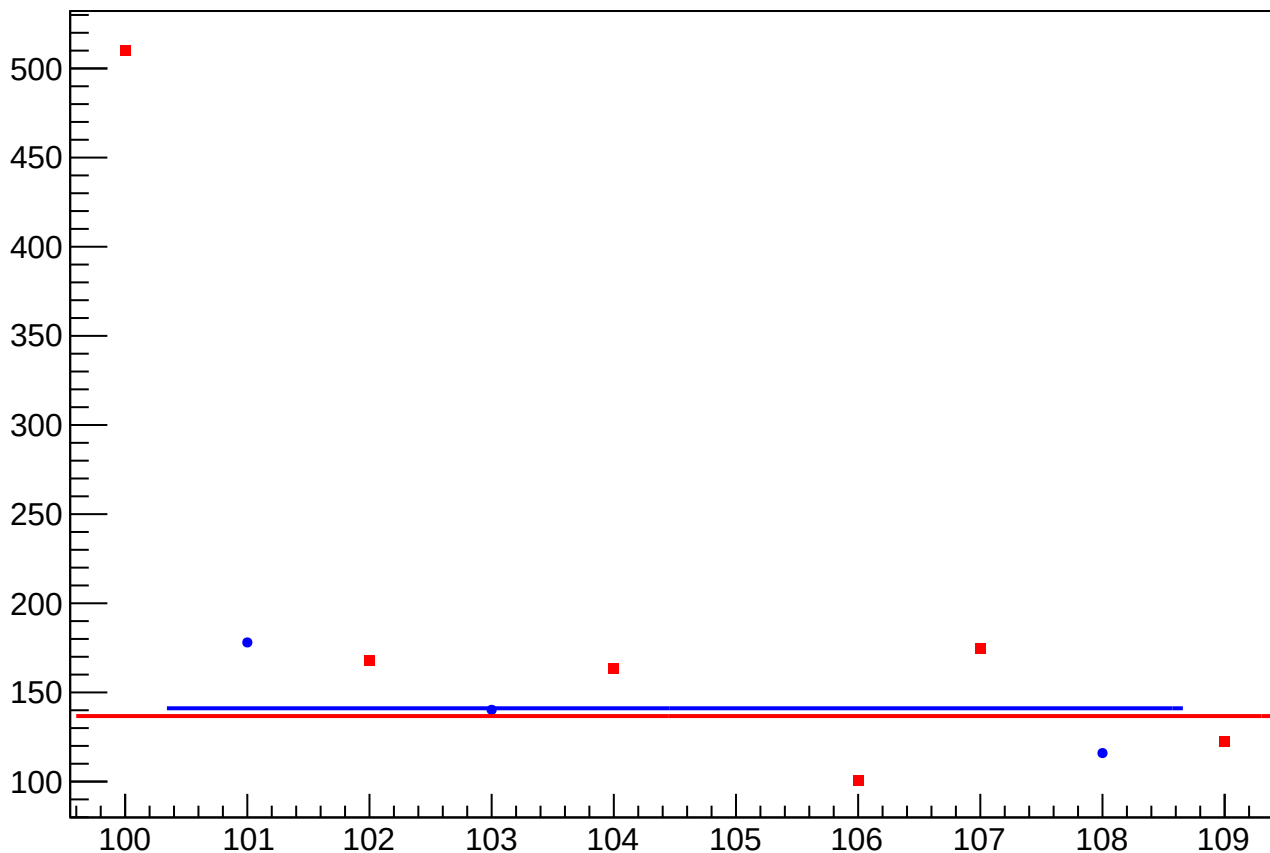
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.147+/-0.078 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 141.110 $\pm$ 0.082 χ^2 /NDF: 86742.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.742 $\pm$ 0.074 χ^2 /NDF: 214193.4/5

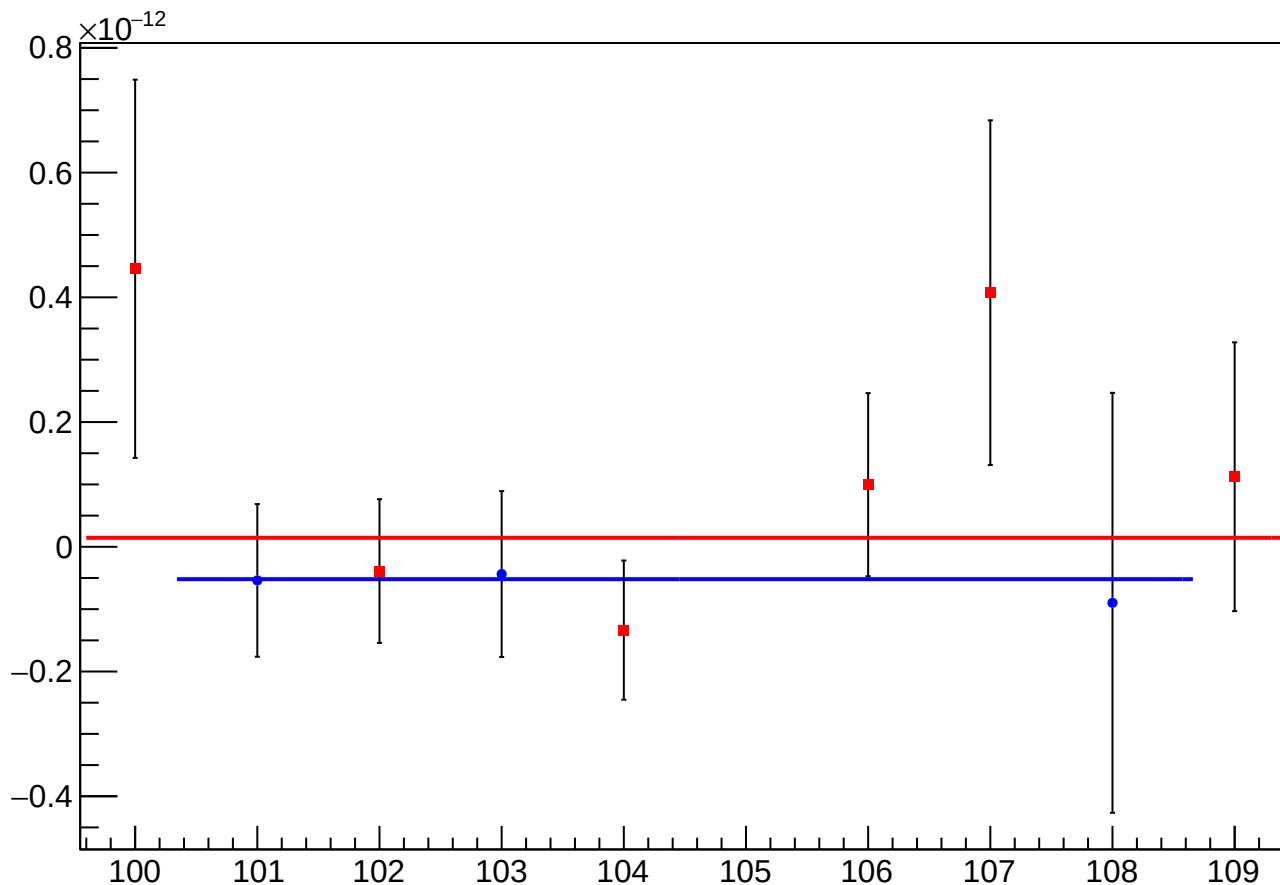
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.697 $\pm$ 0.055 χ^2 /NDF: 302495.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.6/5

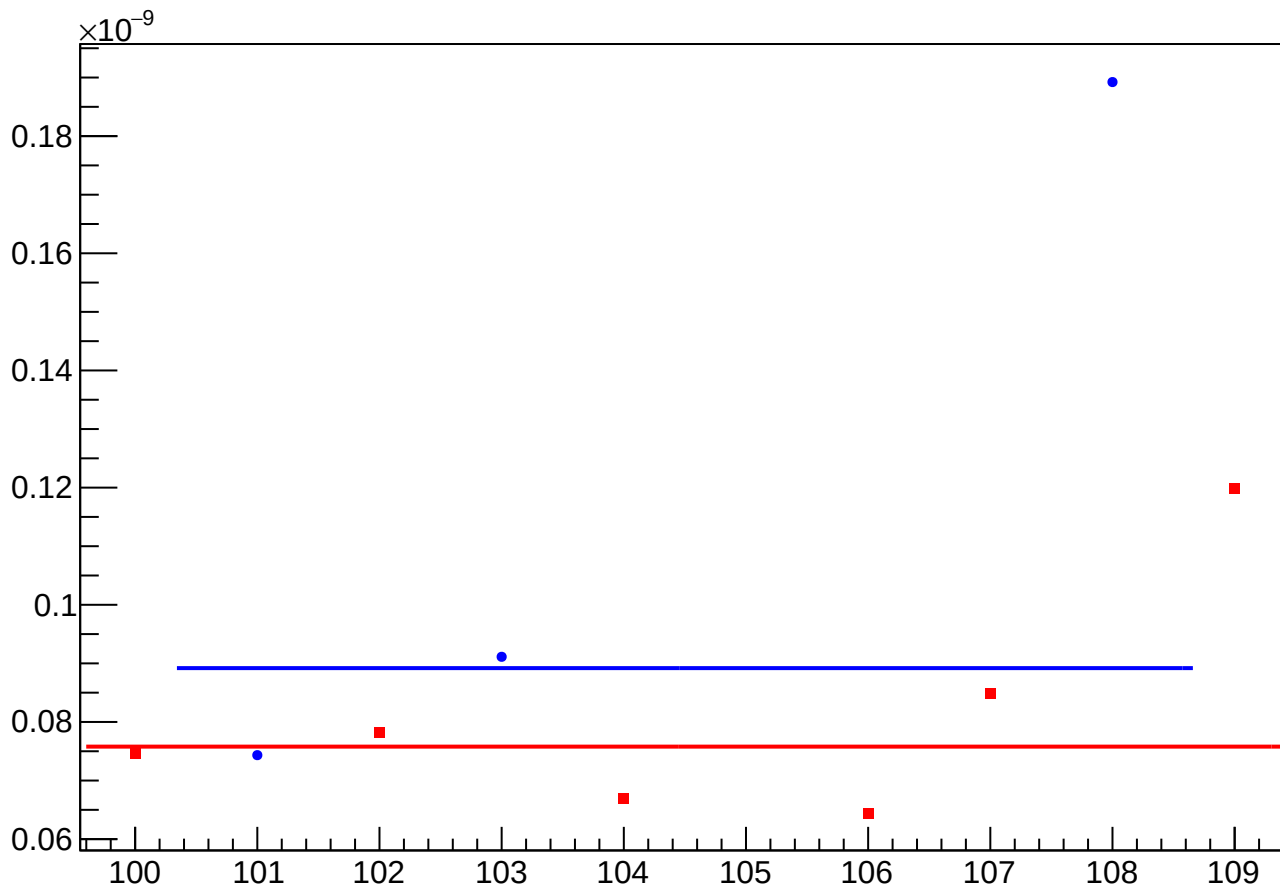
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 206422.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 111272.9/5

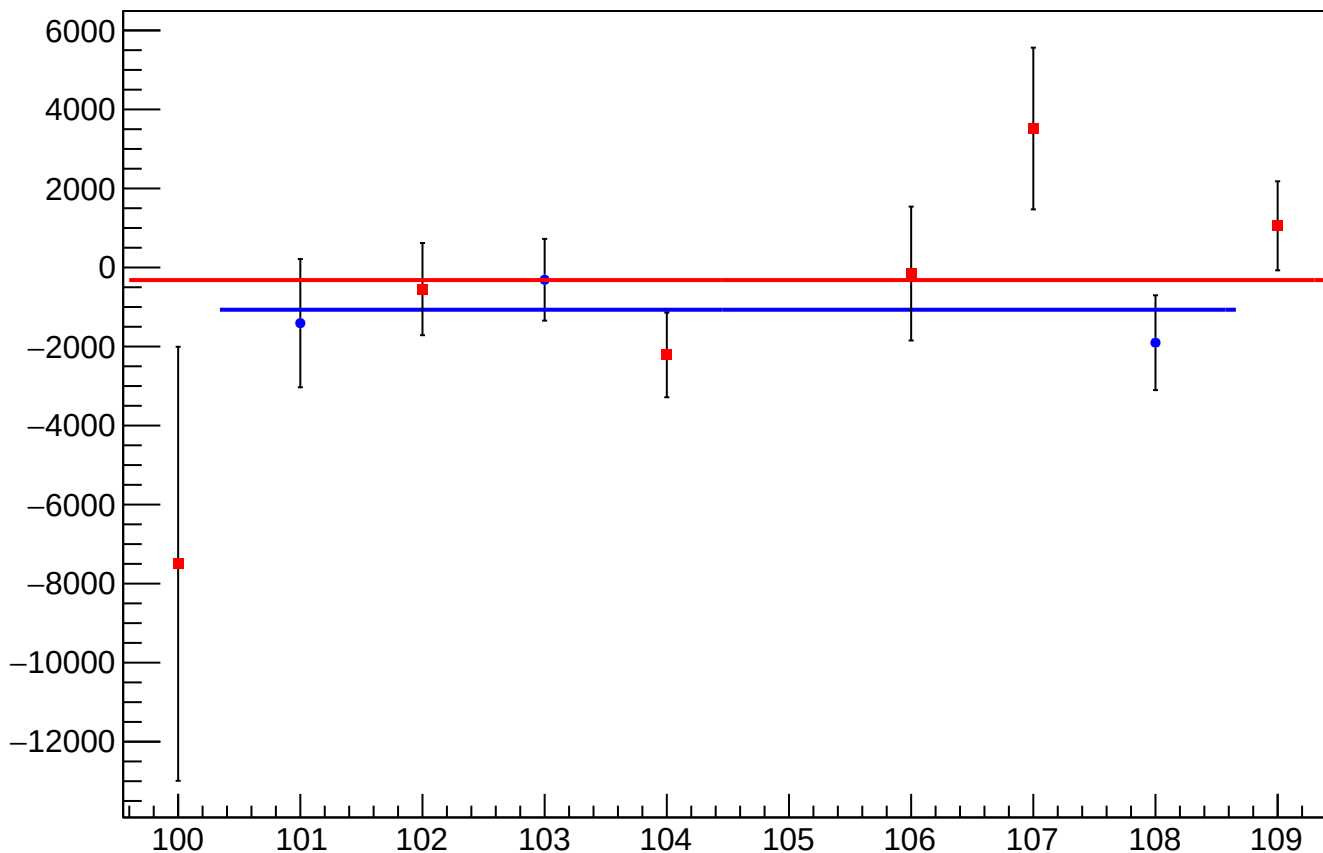
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 348622.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_mean vs Slug



Right In: -1068.751+/-705.383 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -317.871+/-575.910 χ^2/NDF : 9.9/5

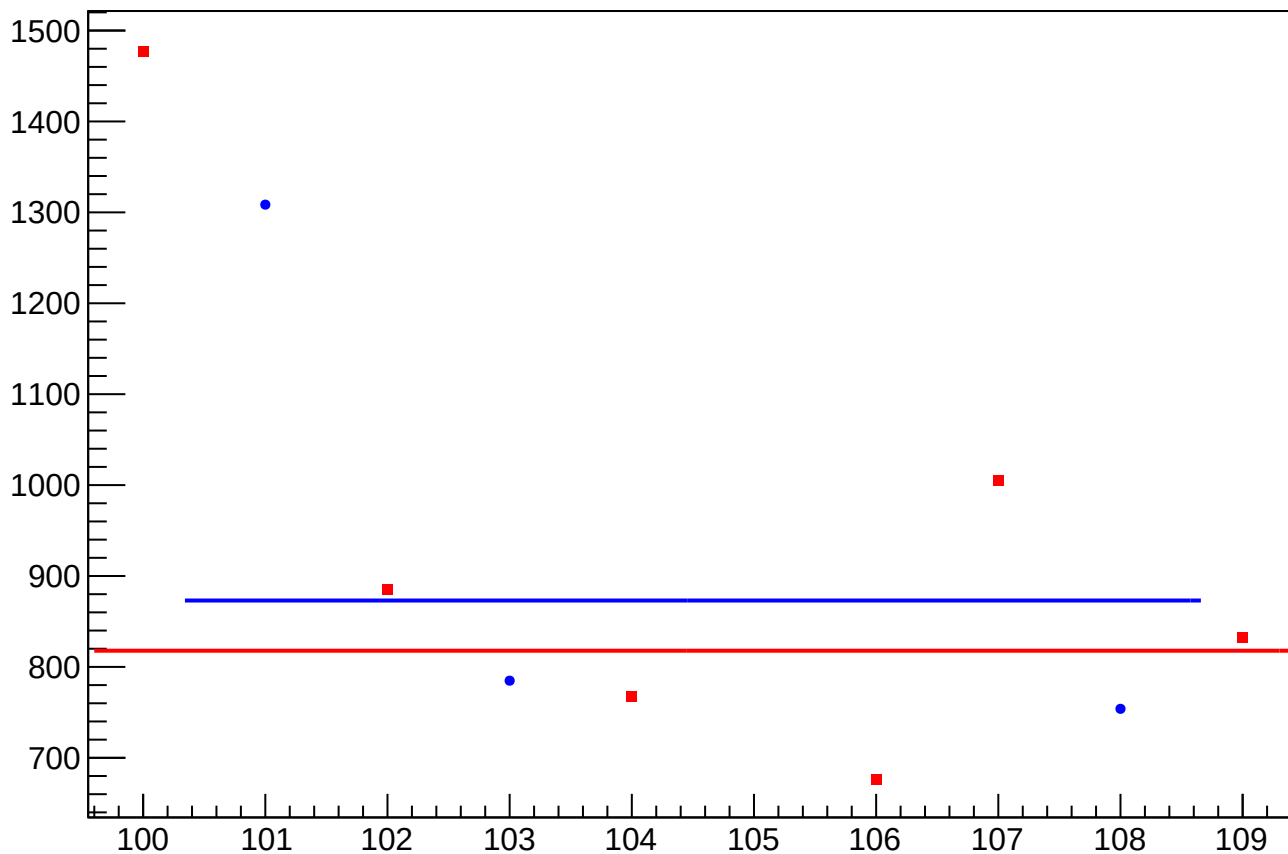
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -618.202+/-446.108 χ^2/NDF : 11.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 873.029+/-0.499 χ^2/NDF : 178203.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 817.832+/-0.392 χ^2/NDF : 80804.0/5

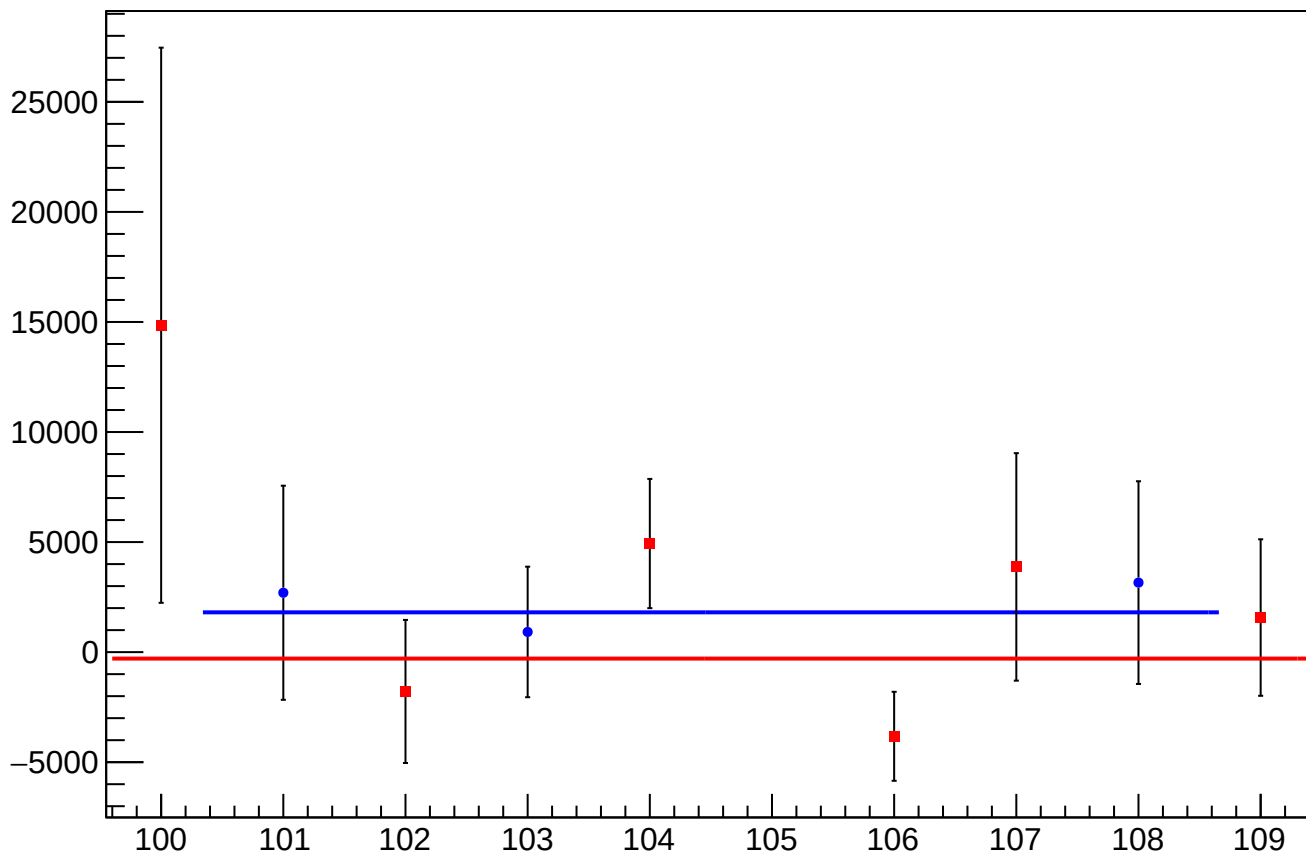
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 838.891+/-0.308 χ^2/NDF : 266582.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 1807.688+/-2218.678 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -293.455+/-1315.156 χ^2/NDF : 8.8/5

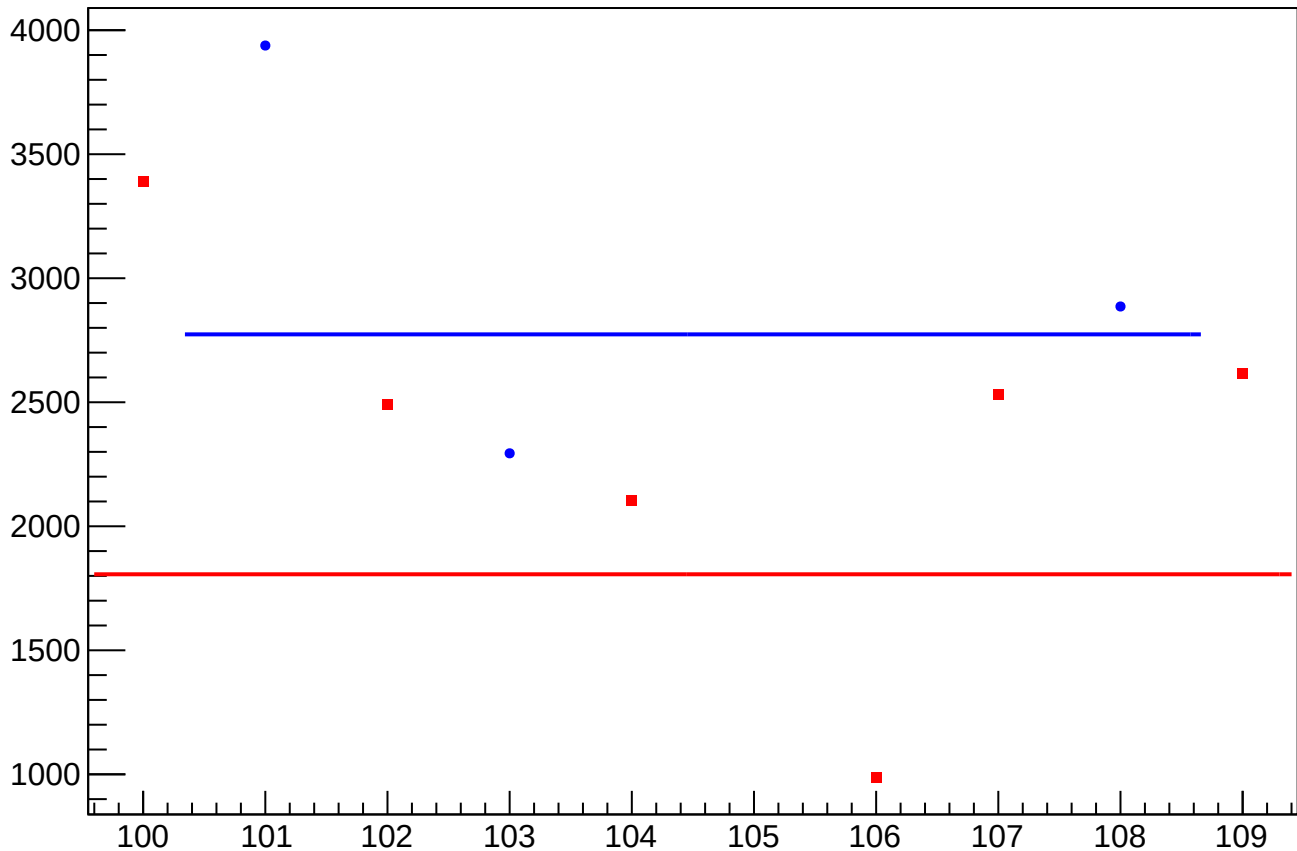
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.865+/-1131.332 χ^2/NDF : 9.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2773.727+/-1.569 χ^2/NDF : 168149.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1806.481+/-0.930 χ^2/NDF : 612317.4/5

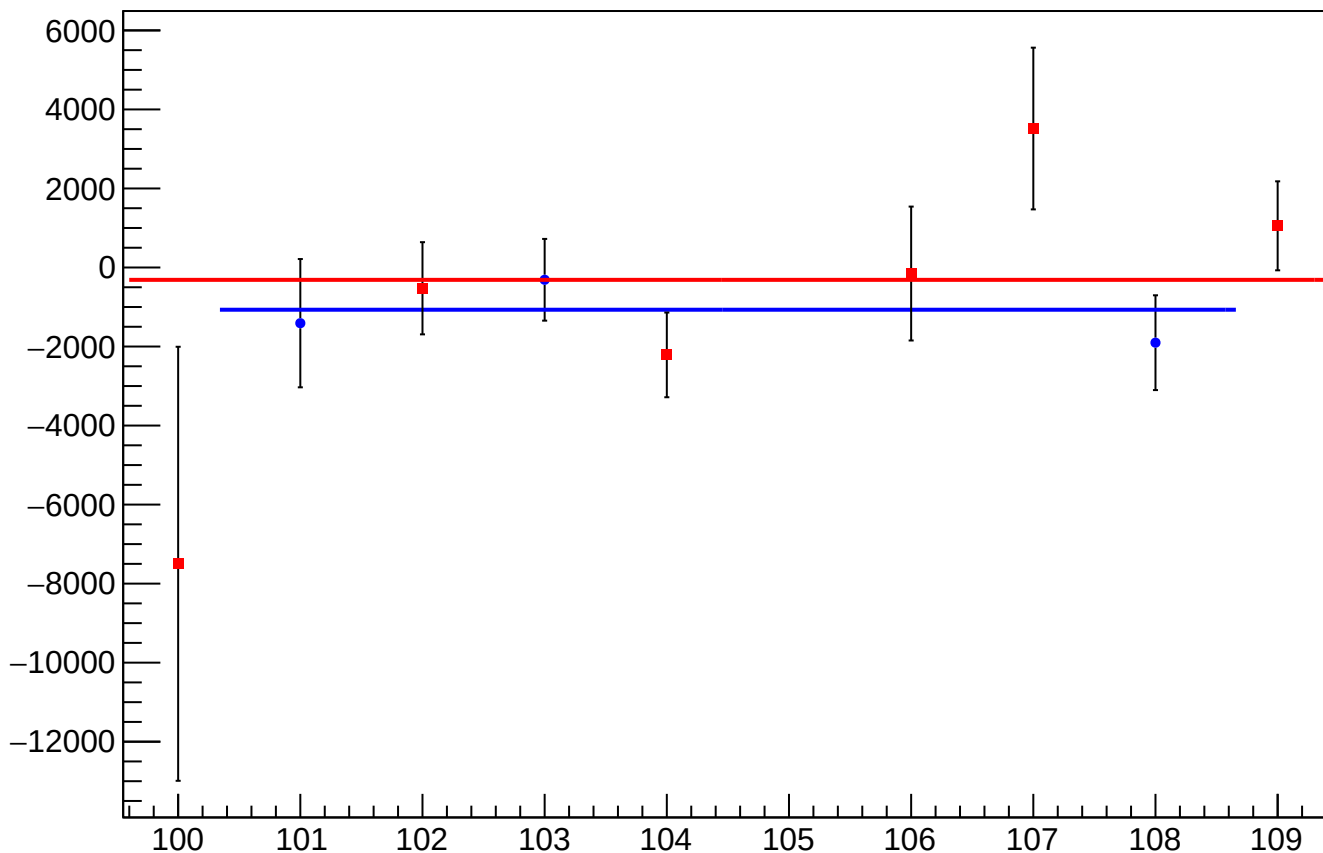
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2057.976+/-0.800 χ^2/NDF : 1061747.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_mean vs Slug



Right In: -1068.872+/-705.384 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -312.747+/-575.939 χ^2/NDF : 9.9/5

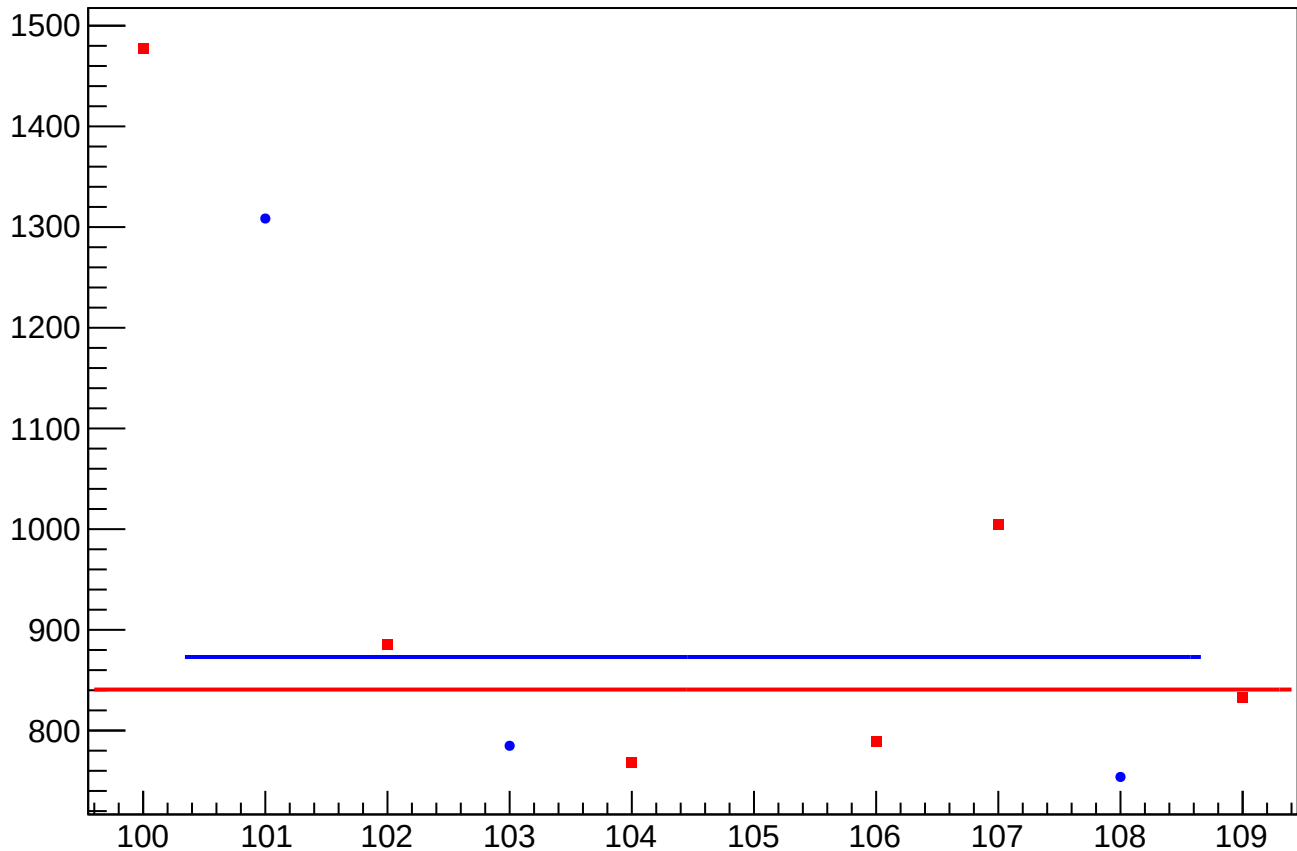
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.195+/-446.122 χ^2/NDF : 11.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 873.029+/-0.499 χ^2/NDF : 178203.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.704+/-0.401 χ^2/NDF : 54415.2/5

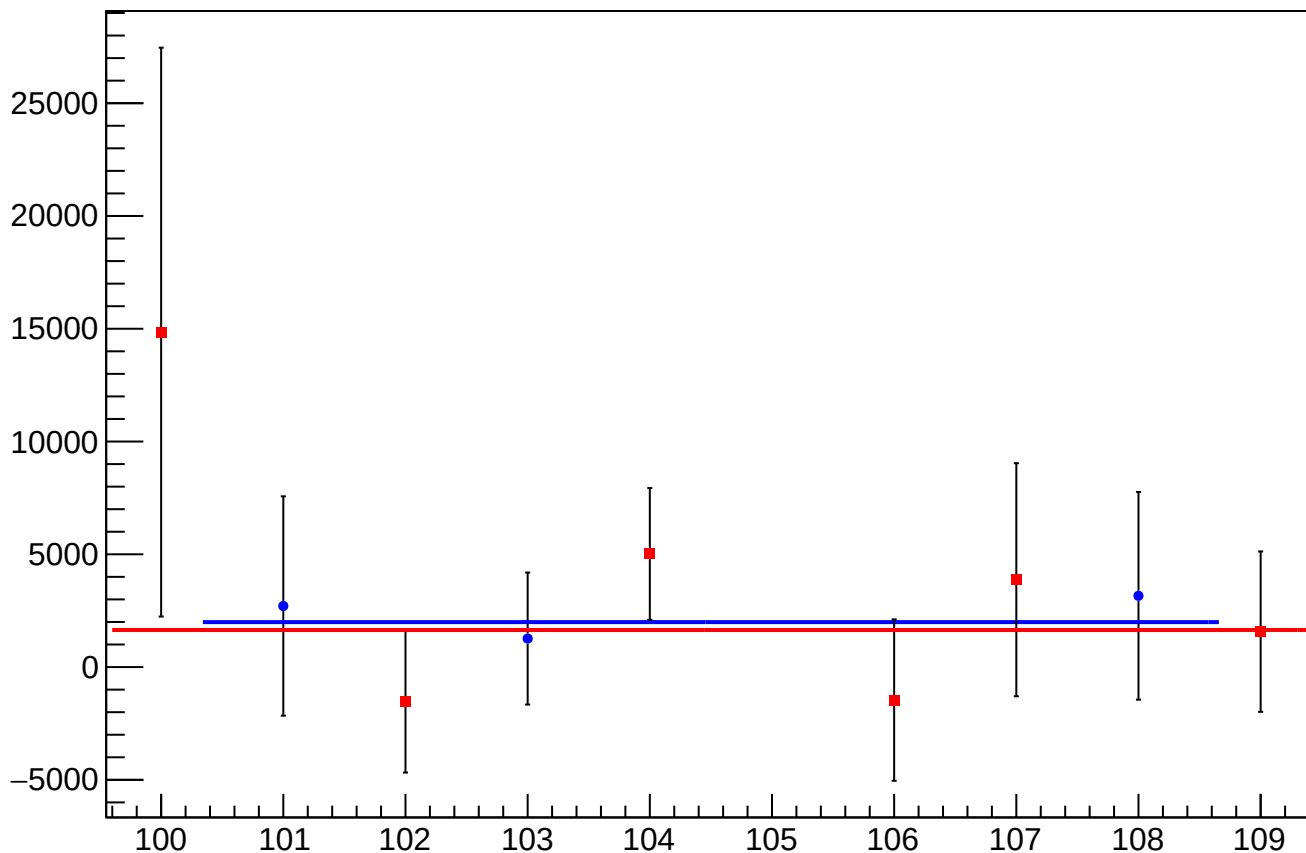
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.381+/-0.312 χ^2/NDF : 235171.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 1993.657 $\pm$ 2202.258 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1644.163 $\pm$ 1547.410 χ^2 /NDF: 4.4/5

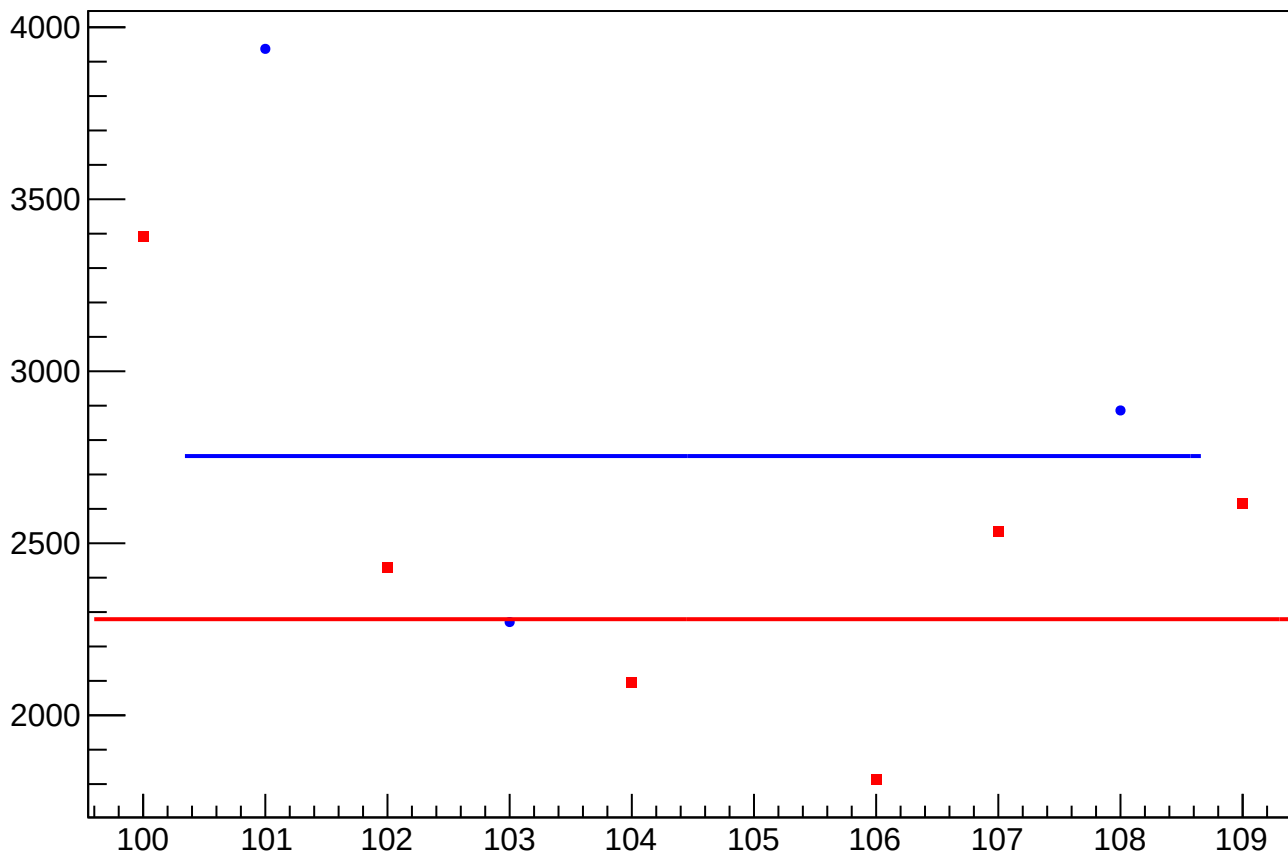
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1759.680 $\pm$ 1266.111 χ^2 /NDF: 4.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2753.550 $\pm$ 1.557 χ^2 /NDF: 174531.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2279.325 $\pm$ 1.094 χ^2 /NDF: 85042.9/5

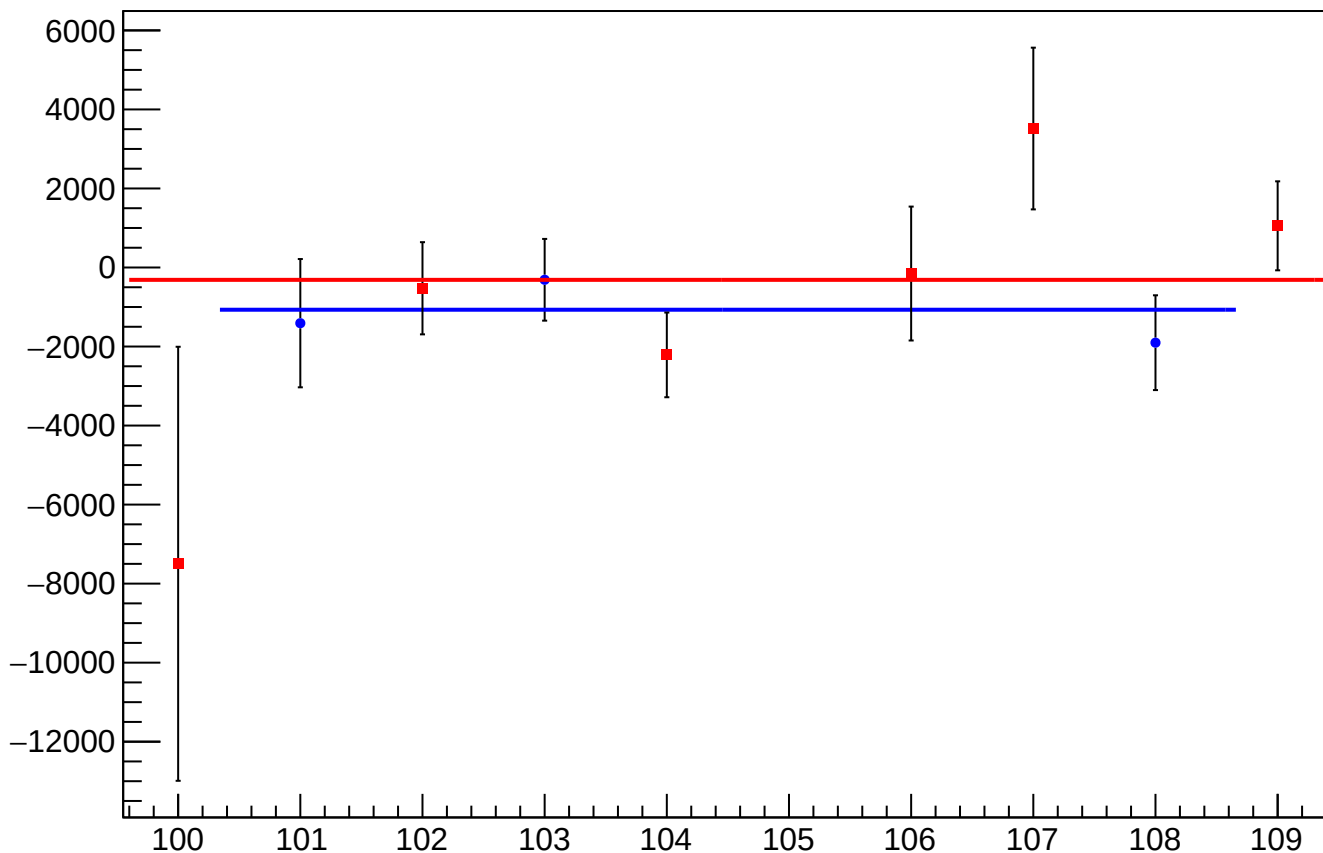
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2436.069 $\pm$ 0.895 χ^2 /NDF: 321660.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_dd_mean vs Slug



Right In: -1068.872+/-705.384 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -312.747+/-575.939 χ^2/NDF : 9.9/5

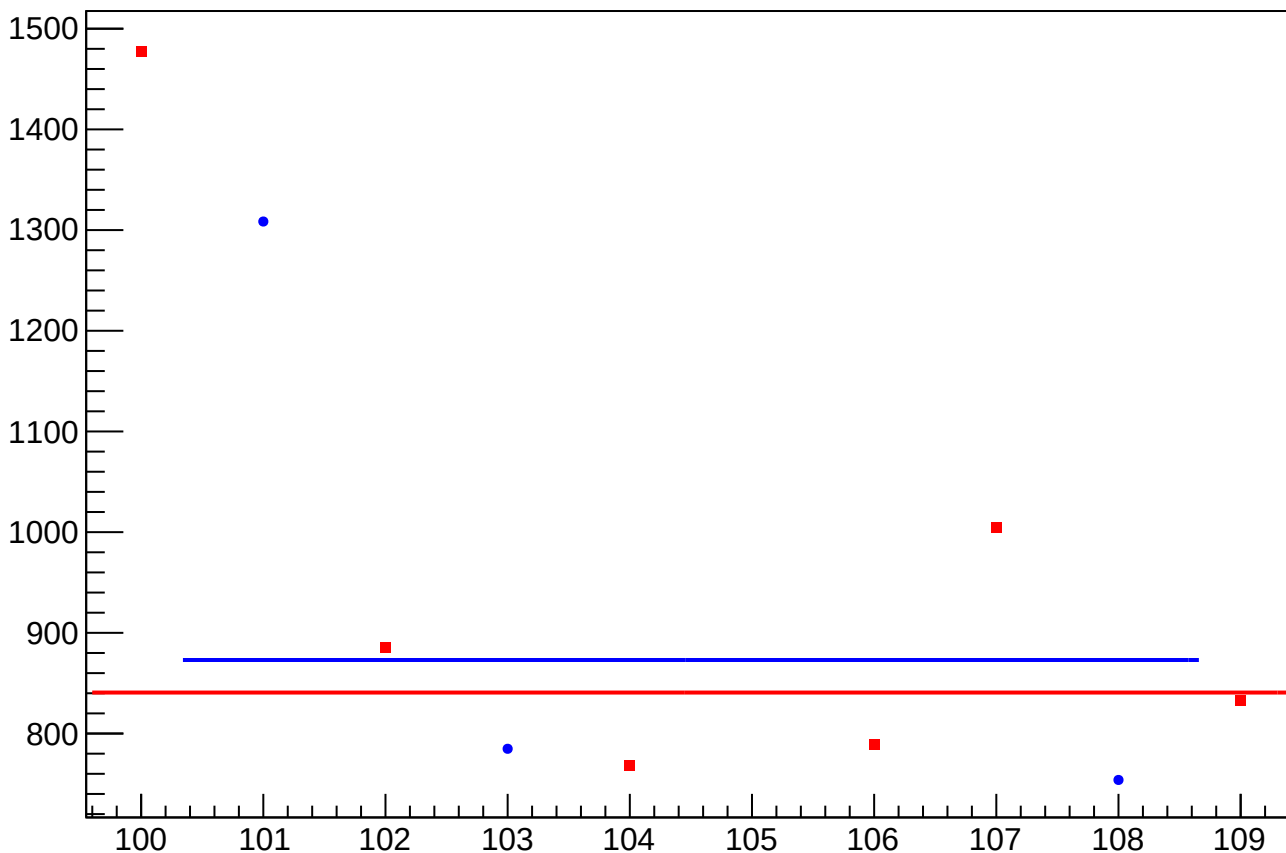
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -615.195+/-446.122 χ^2/NDF : 11.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 873.029+/-0.499 χ^2/NDF : 178203.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 840.704+/-0.401 χ^2/NDF : 54415.2/5

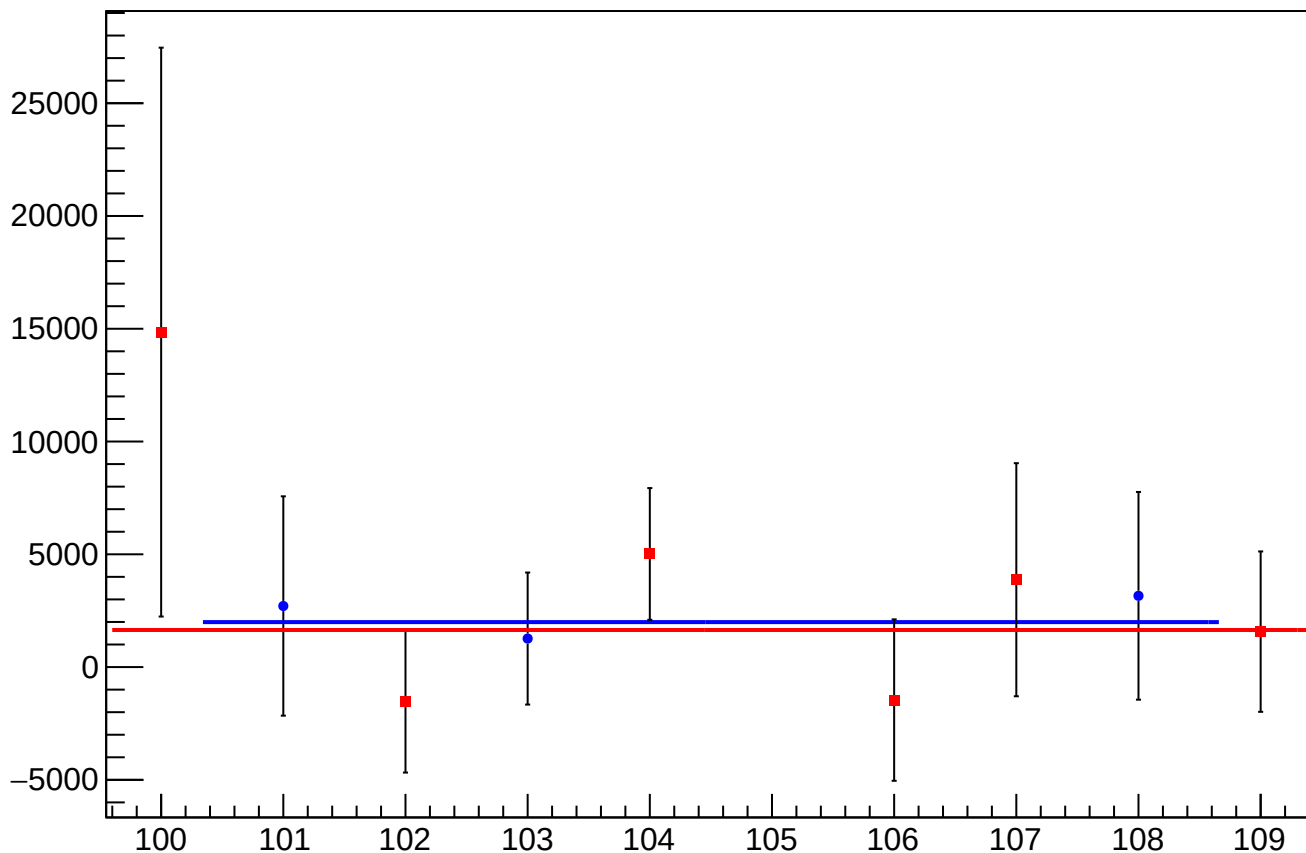
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 853.381+/-0.312 χ^2/NDF : 235171.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug



Right In: 1993.657 $\pm$ 2202.258 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1644.163 $\pm$ 1547.410 χ^2 /NDF: 4.4/5

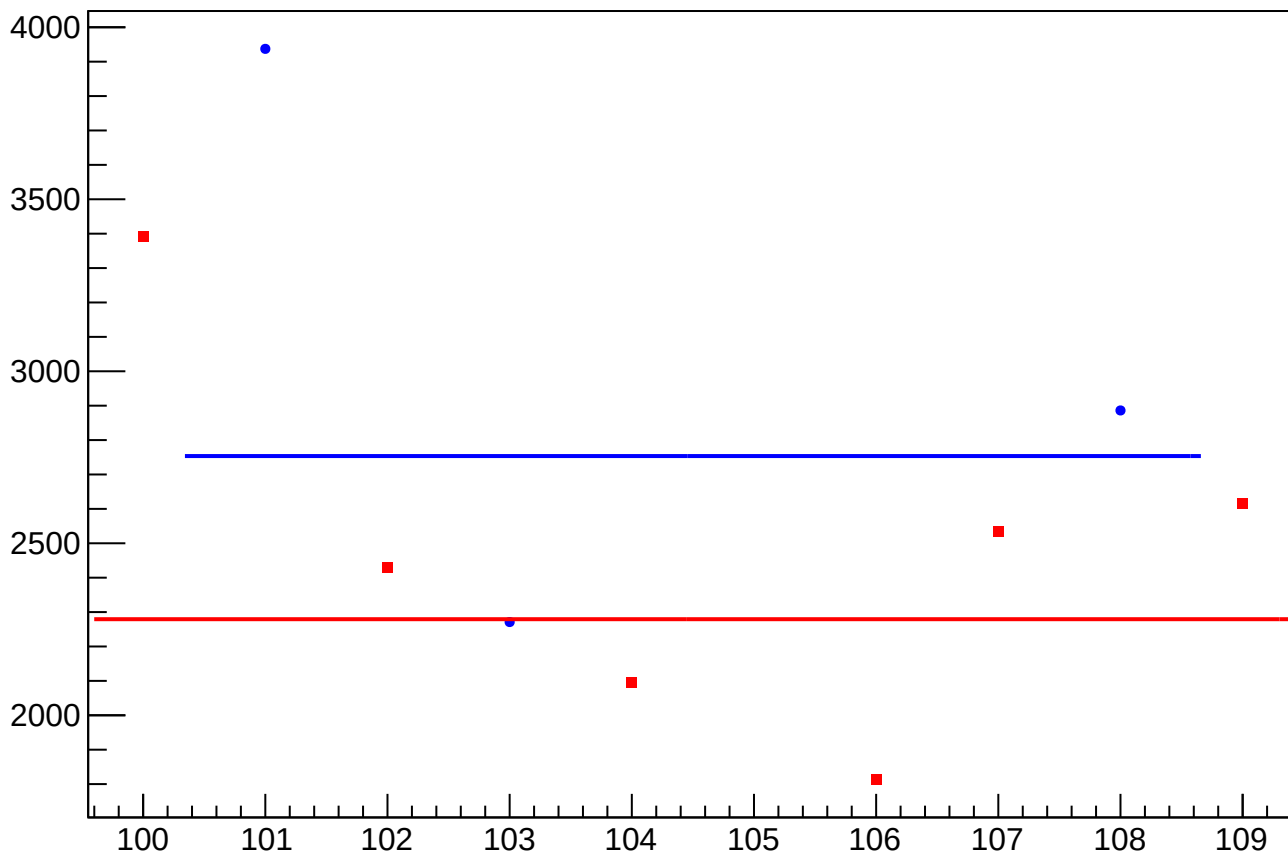
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1759.680 $\pm$ 1266.111 χ^2 /NDF: 4.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2753.550+/-1.557 χ^2/NDF : 174531.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2279.325+/-1.094 χ^2/NDF : 85042.9/5

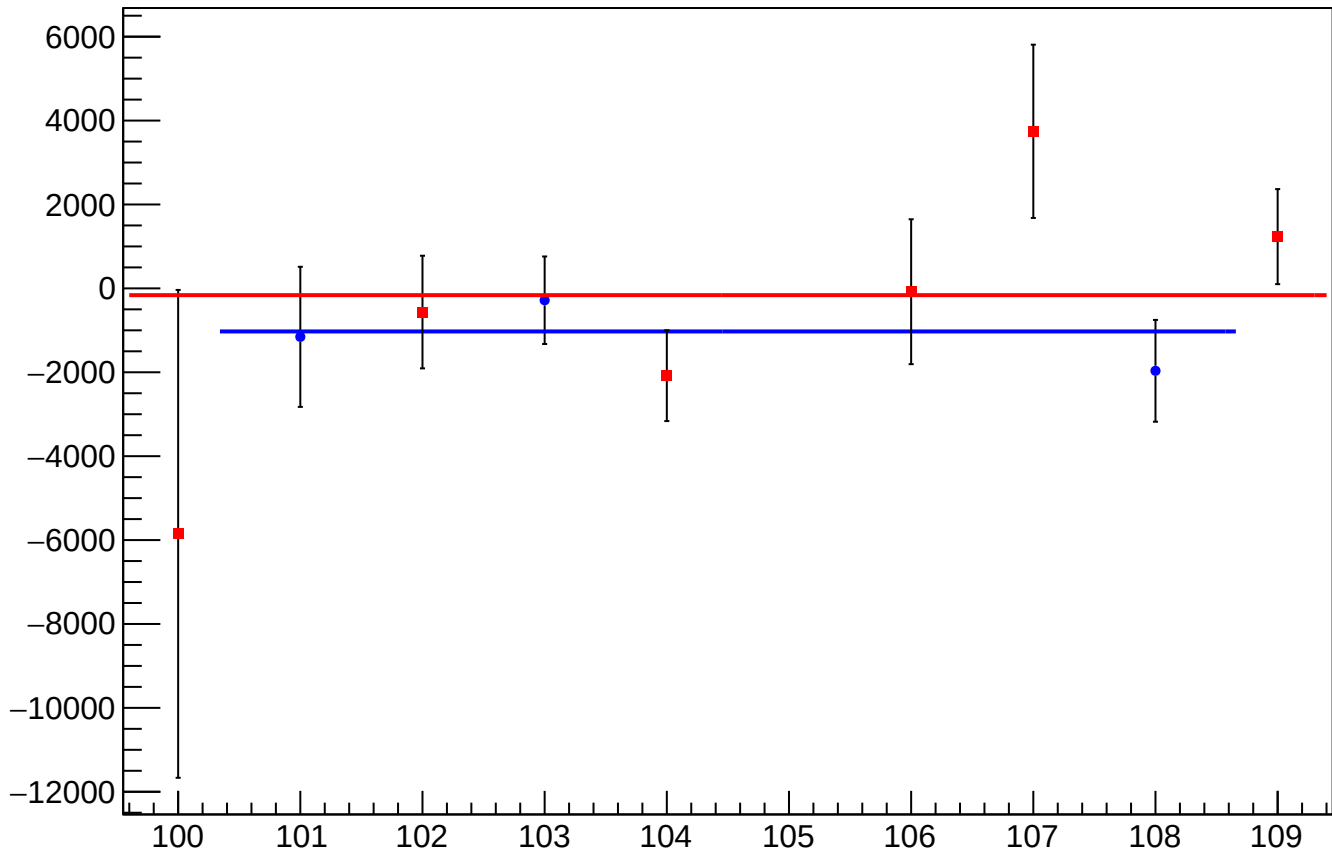
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2436.069+/-0.895 χ^2/NDF : 321660.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_mean vs Slug



Right In: -1026.581+/-714.909 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -161.730+/-599.034 χ^2/NDF : 9.3/5

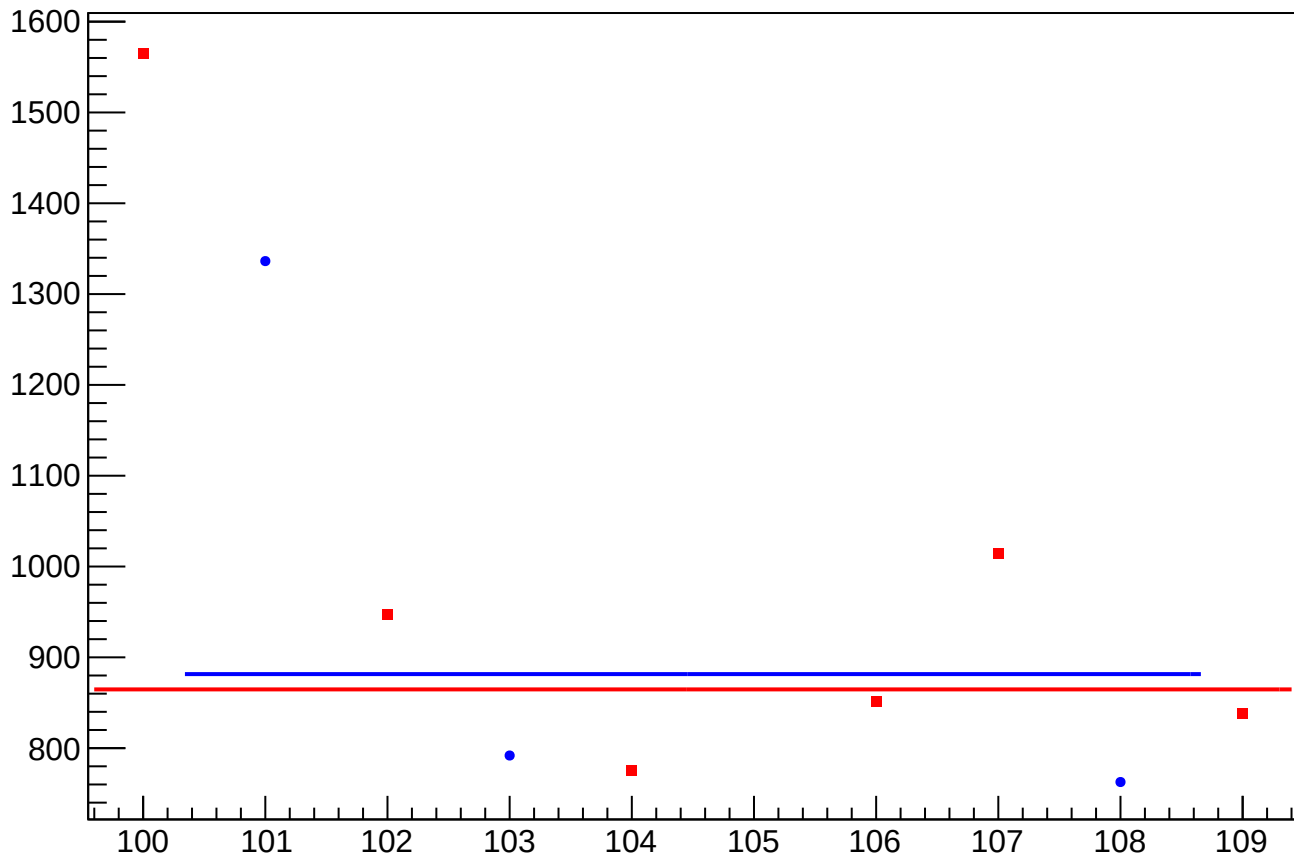
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -518.474+/-459.154 χ^2/NDF : 11.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 881.543+/-0.506 χ^2/NDF : 182281.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 864.694+/-0.422 χ^2/NDF : 61975.9/5

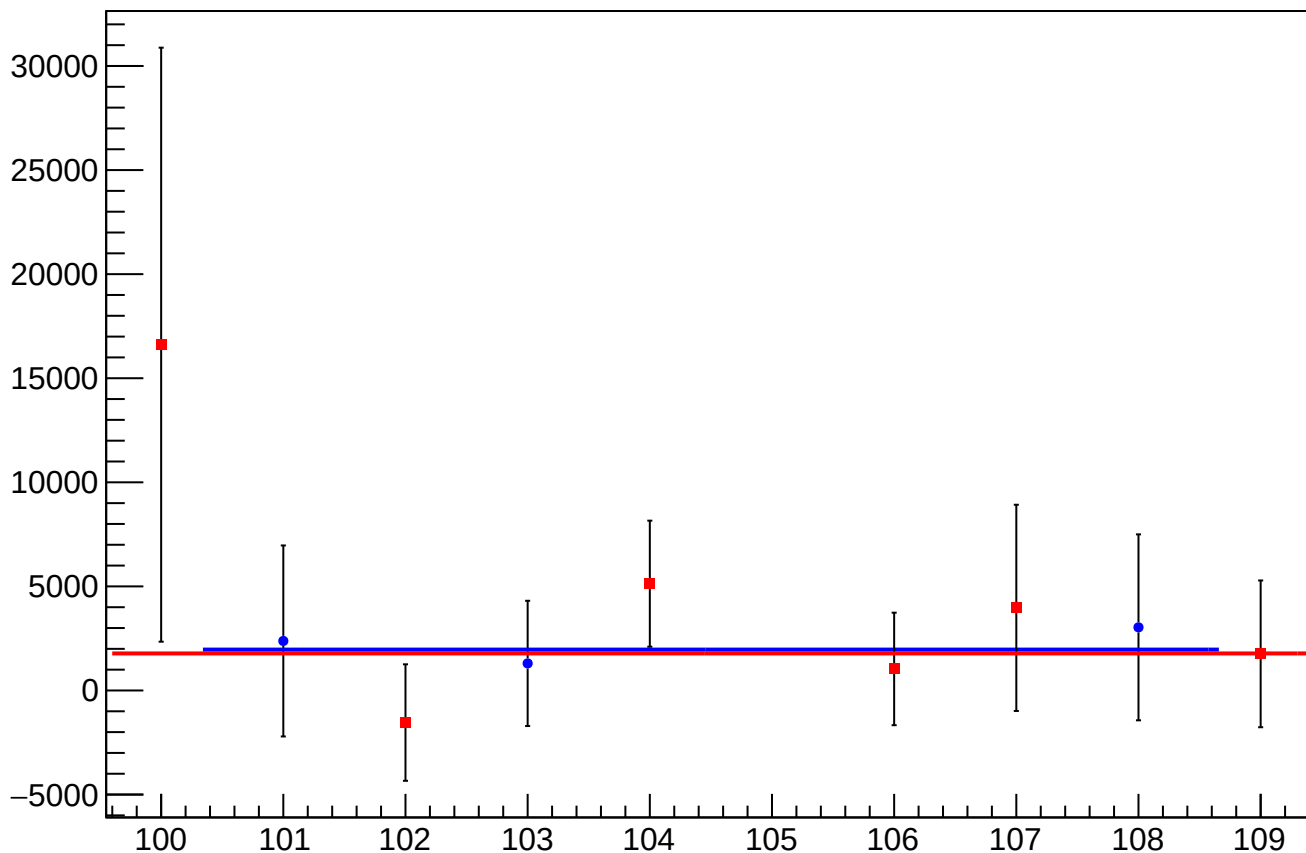
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.617+/-0.324 χ^2/NDF : 244912.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 1963.782 $\pm$ 2191.990 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1779.344 $\pm$ 1414.362 χ^2 /NDF: 4.0/5

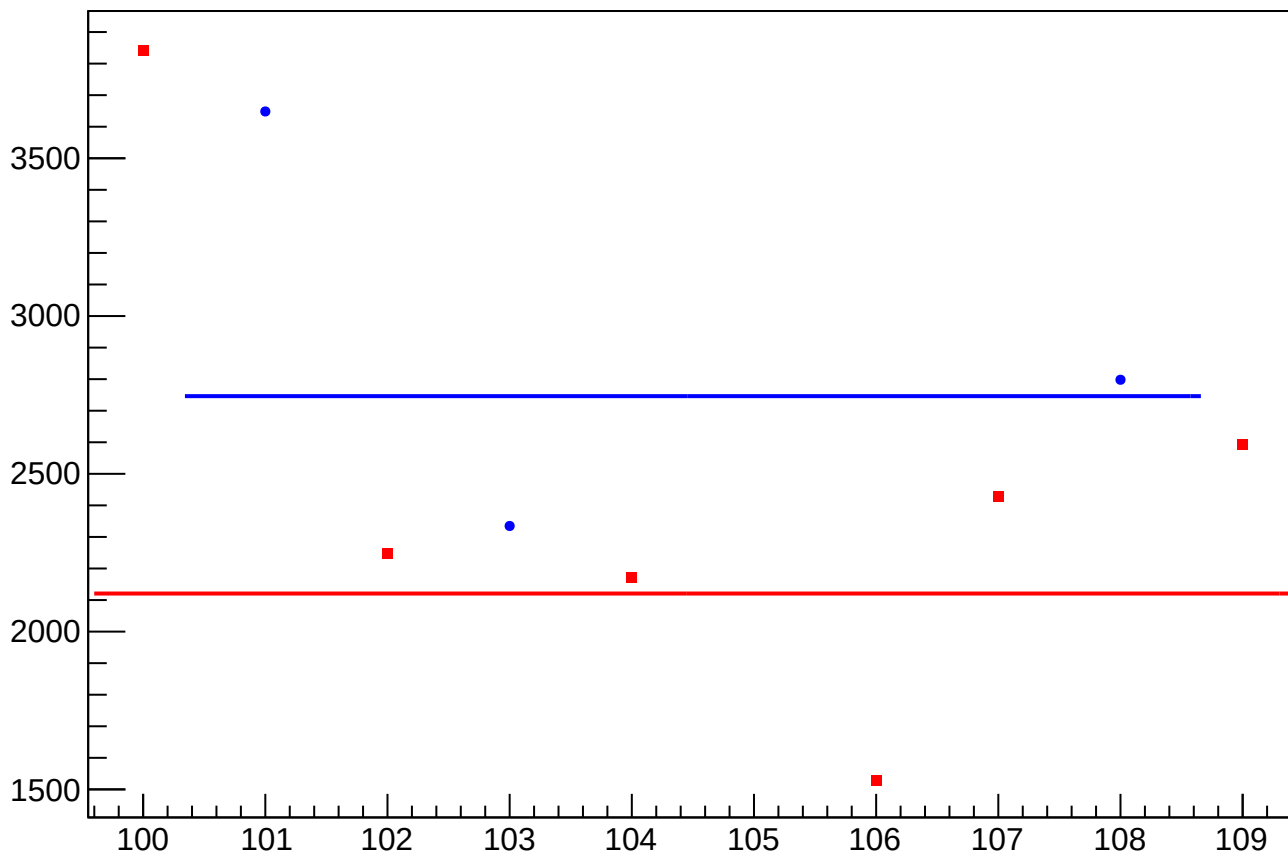
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1833.560 $\pm$ 1188.441 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2746.189 $\pm$ 1.550 χ^2 /NDF: 115000.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2120.684 $\pm$ 1.000 χ^2 /NDF: 173353.1/5

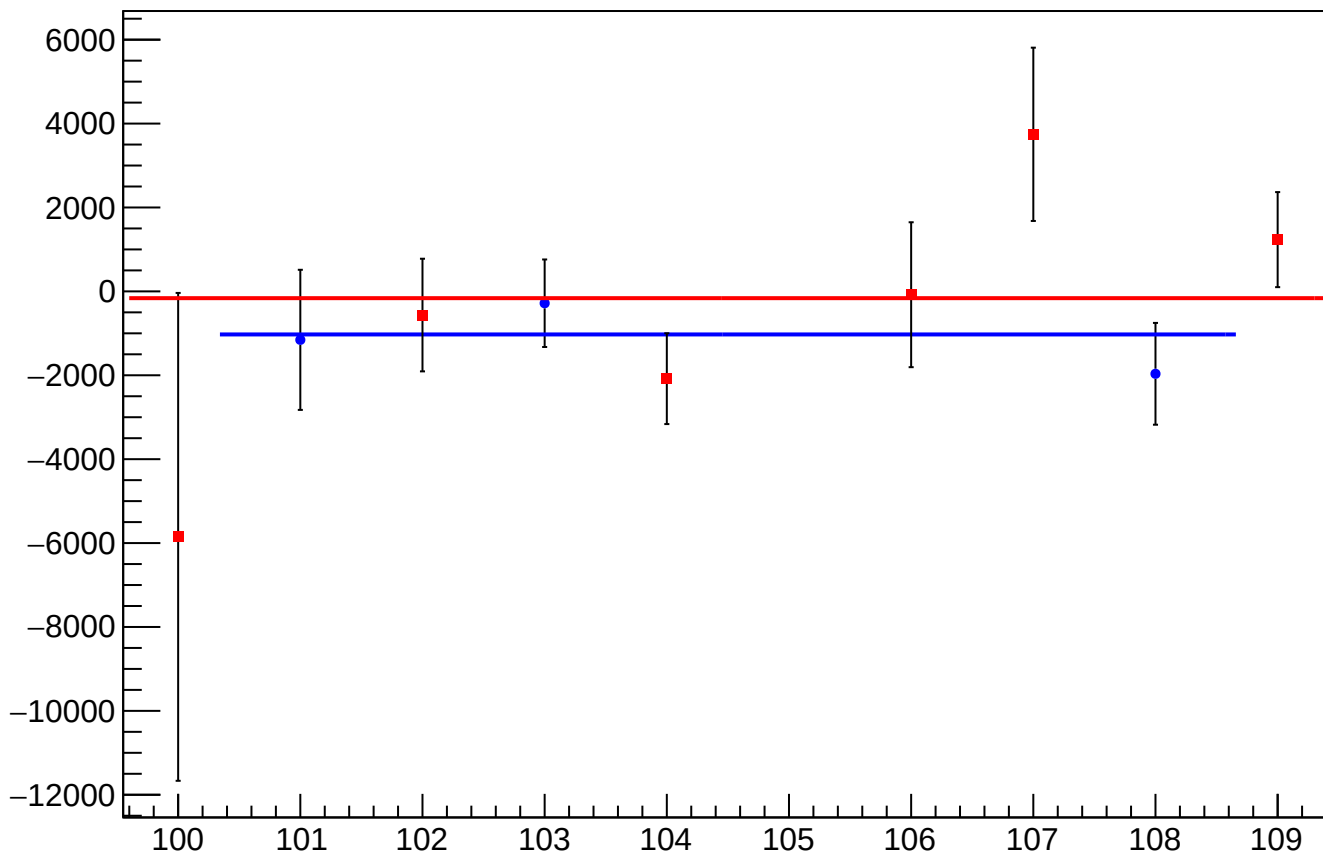
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2304.553 $\pm$ 0.840 χ^2 /NDF: 403340.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_dd_mean vs Slug



Right In: -1026.584+/-714.910 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -161.724+/-599.034 χ^2/NDF : 9.3/5

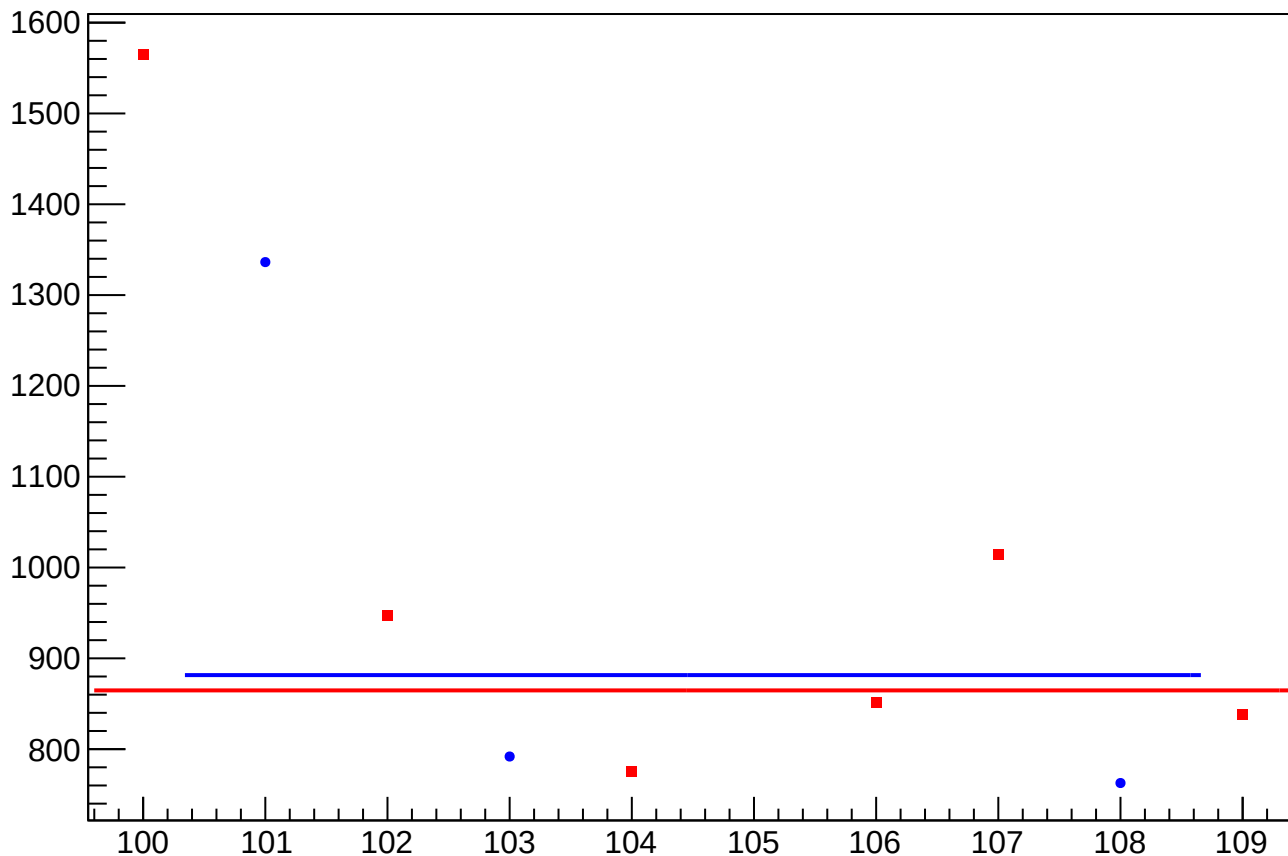
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -518.472+/-459.154 χ^2/NDF : 11.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 881.544 $\pm$ 0.506 χ^2 /NDF: 182281.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 864.694 $\pm$ 0.422 χ^2 /NDF: 61975.8/5

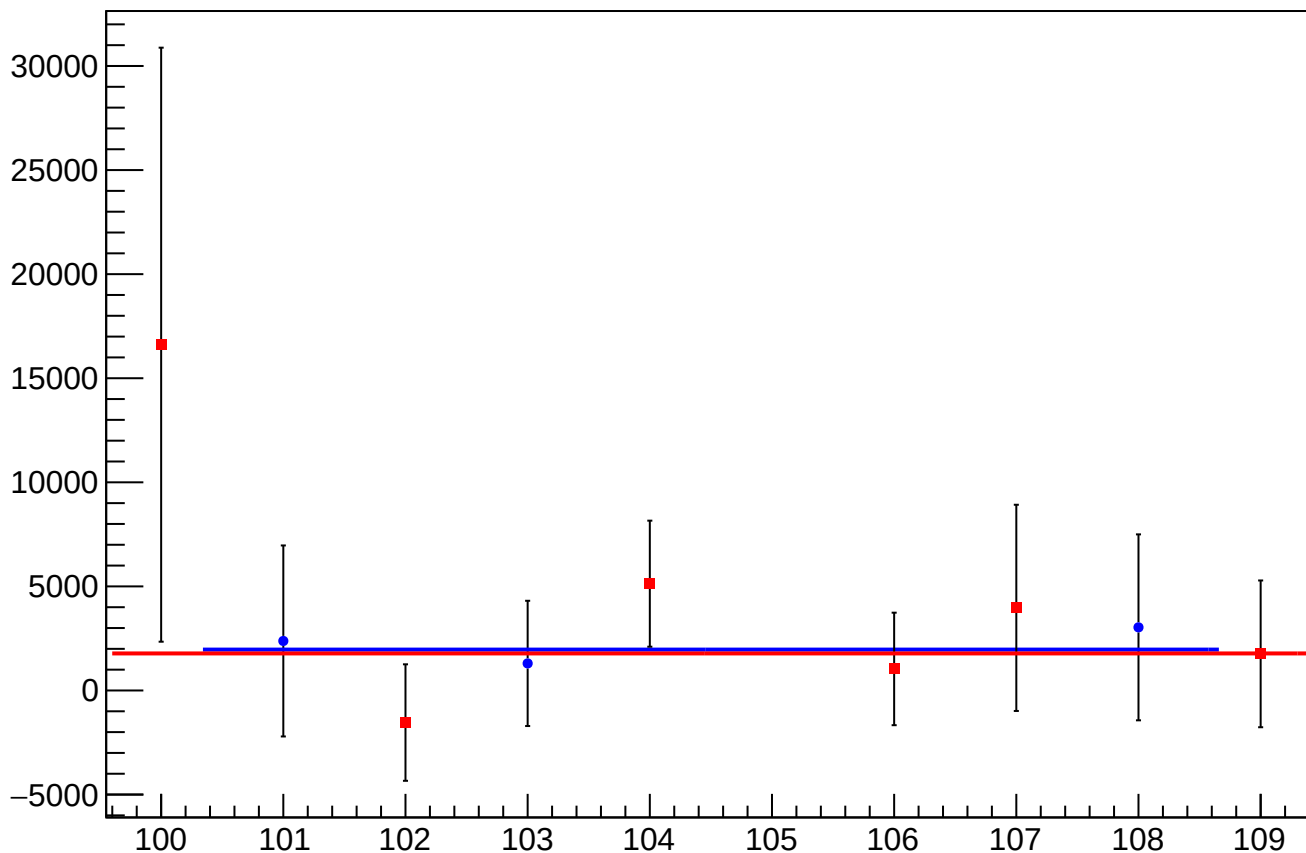
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 871.618 $\pm$ 0.324 χ^2 /NDF: 244911.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



Right In: 1963.782+/-2191.987 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1779.346+/-1414.361 χ^2/NDF : 4.0/5

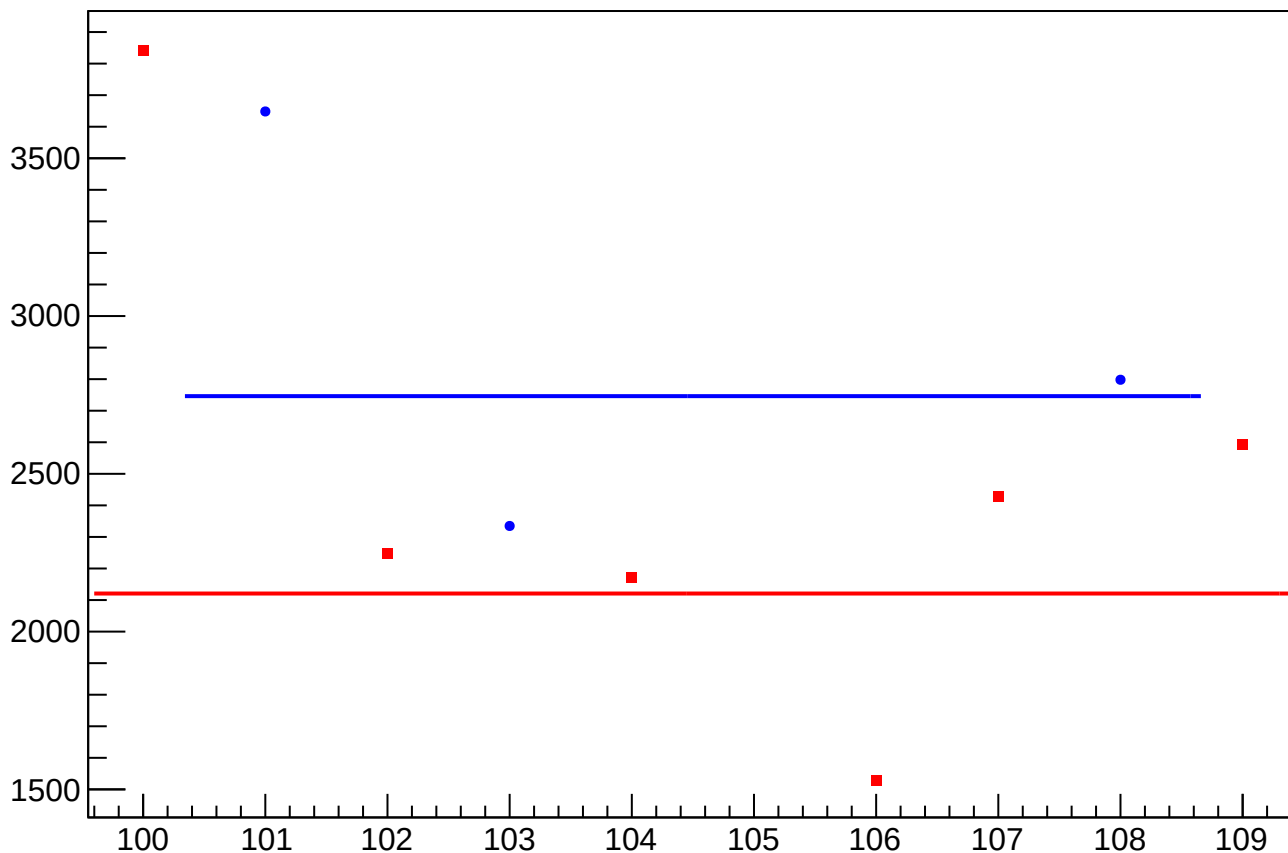
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1833.561+/-1188.439 χ^2/NDF : 4.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2746.187 $\pm$ 1.550 χ^2 /NDF: 114999.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2120.681 $\pm$ 1.000 χ^2 /NDF: 173356.1/5

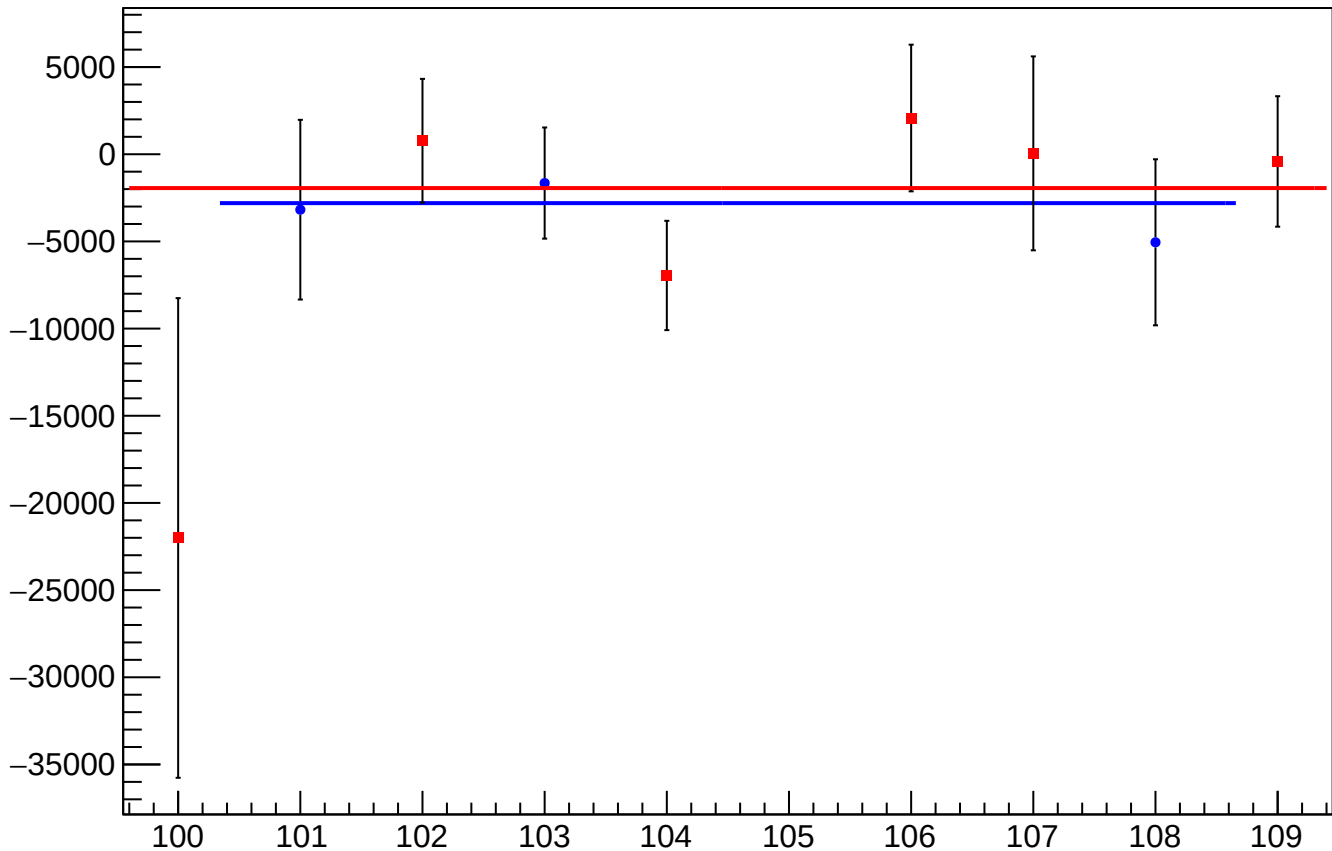
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2304.550 $\pm$ 0.840 χ^2 /NDF: 403342.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_mean vs Slug



Right In: -2804.072+/-2355.985 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1940.508+/-1698.291 χ^2/NDF : 6.5/5

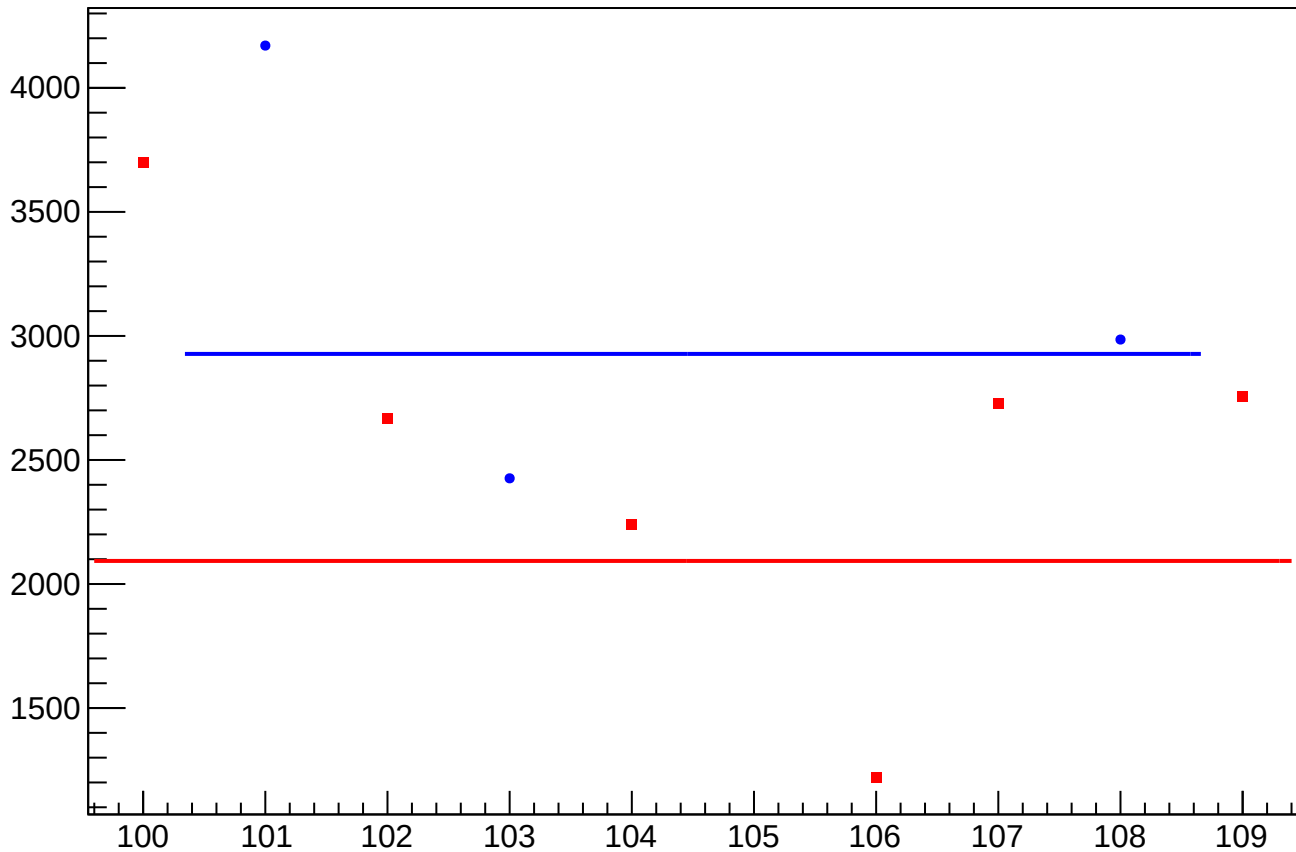
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2235.793+/-1377.672 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_rms vs Slug



Right In: 2927.569+/-1.666 χ^2/NDF : 166123.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2093.048+/-1.057 χ^2/NDF : 412248.6/5

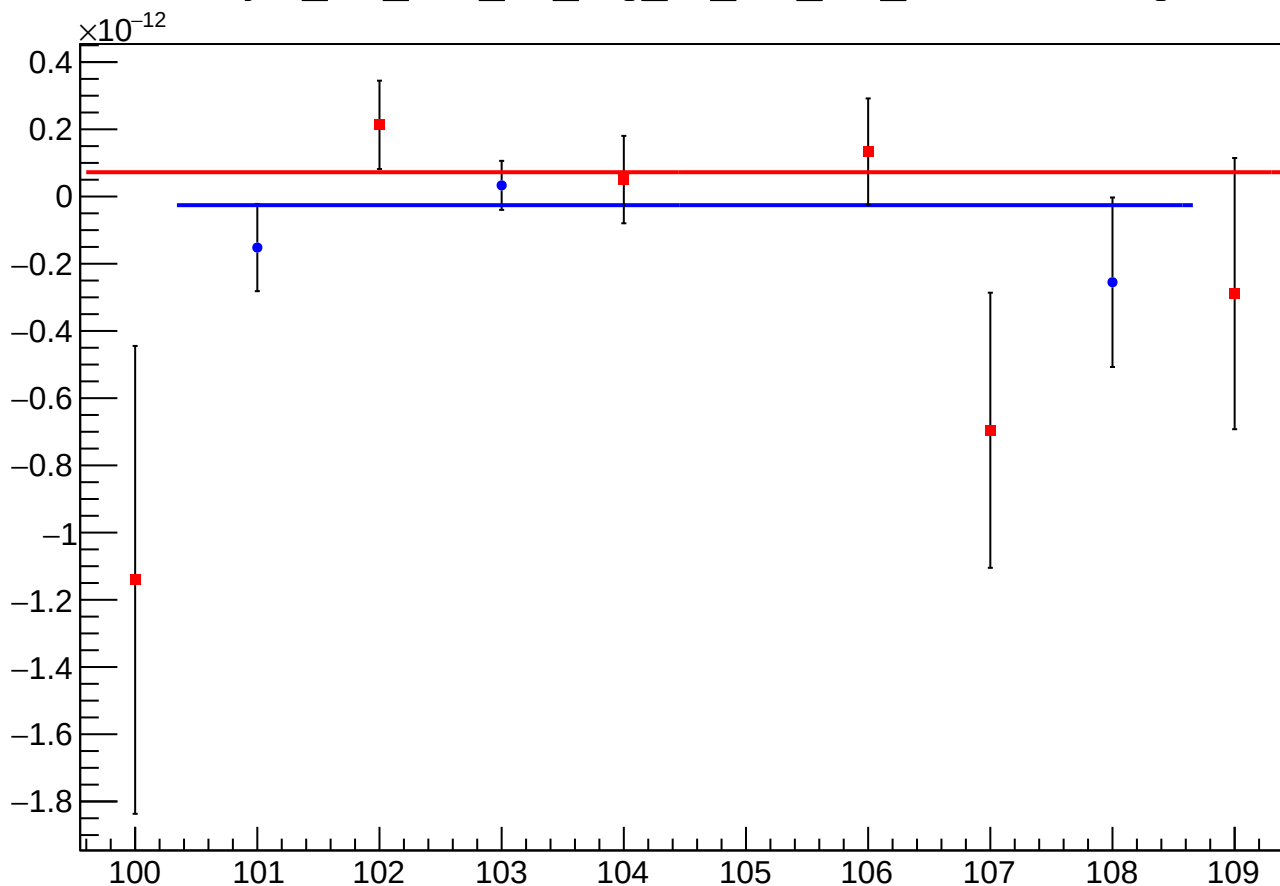
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2332.712+/-0.893 χ^2/NDF : 757243.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.7/5

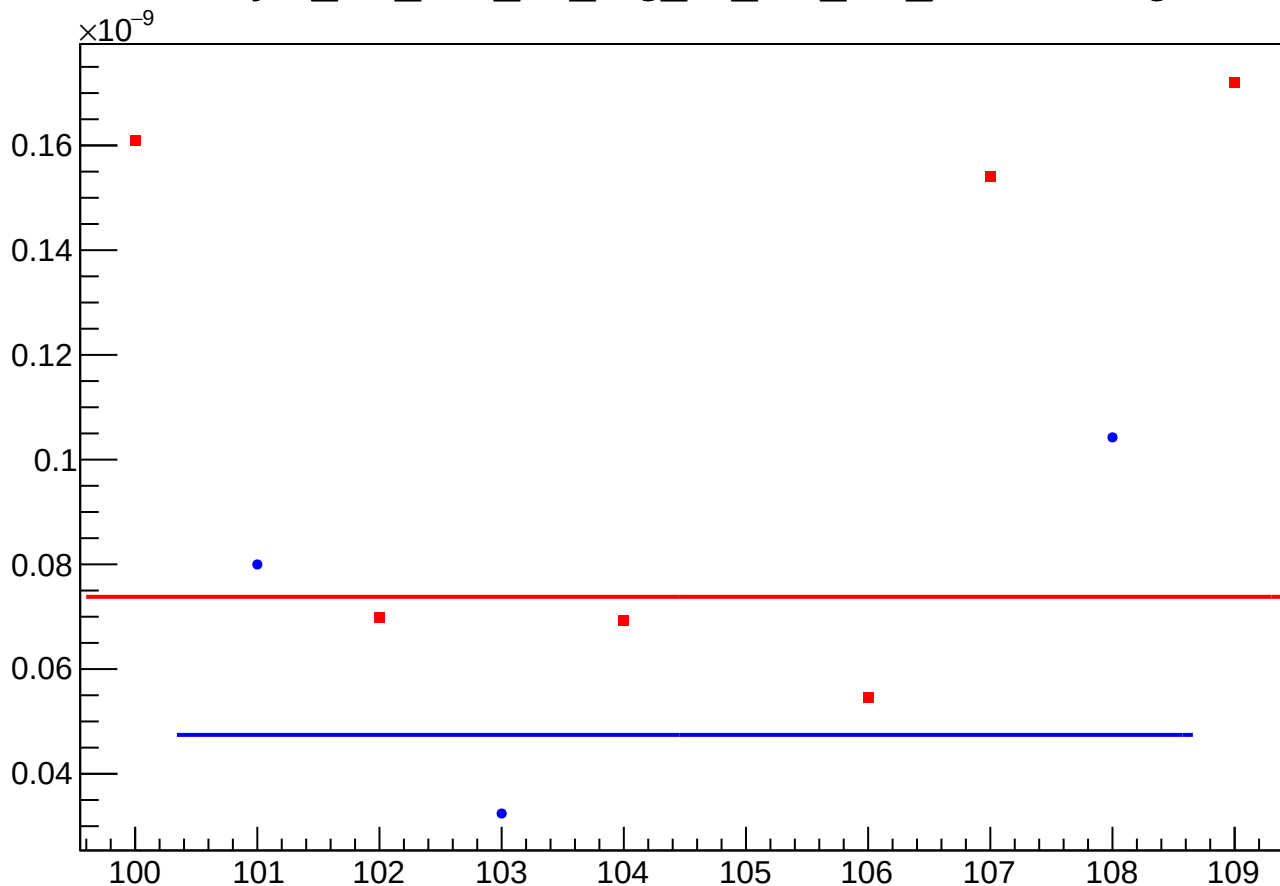
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 12.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 312216.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 260385.0/5

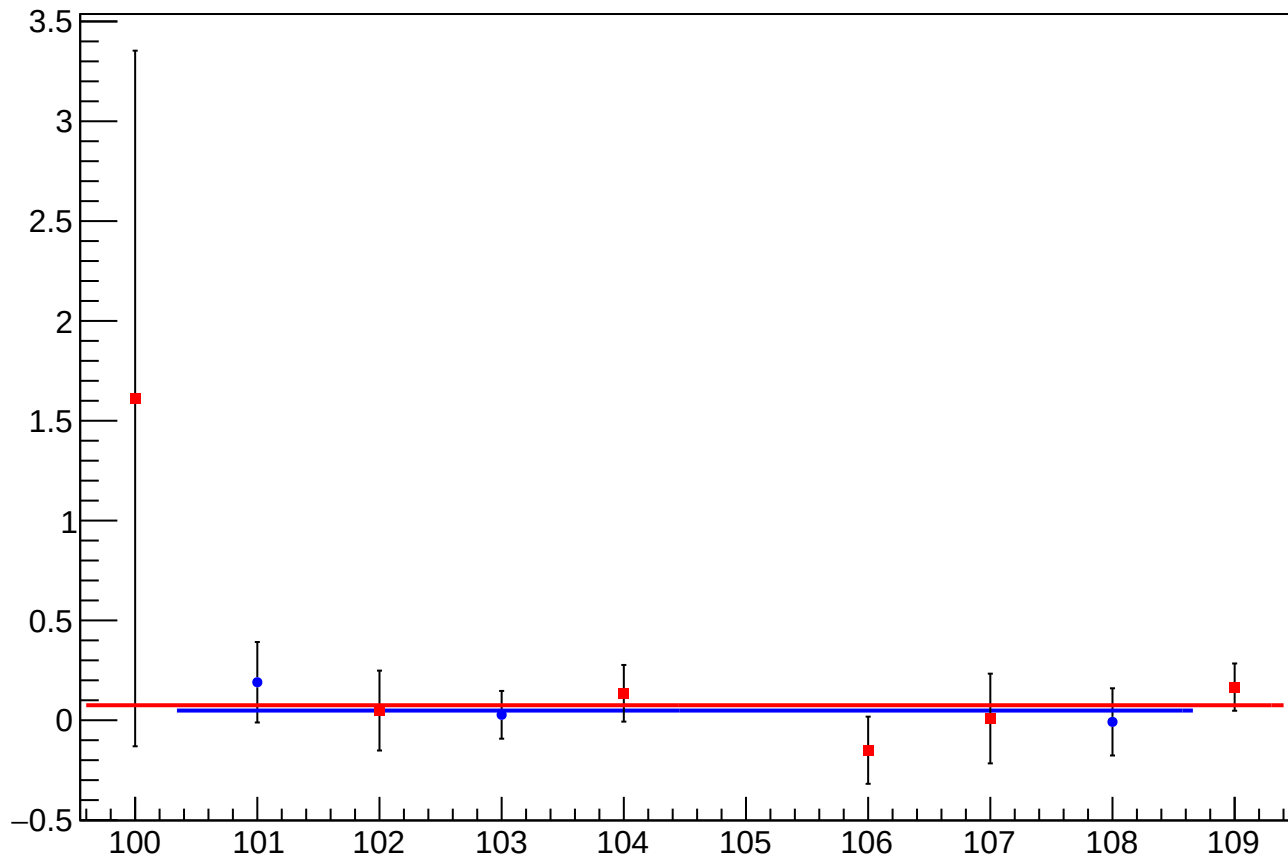
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 716753.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.075 $\pm$ 0.070 χ^2 /NDF: 3.4/5

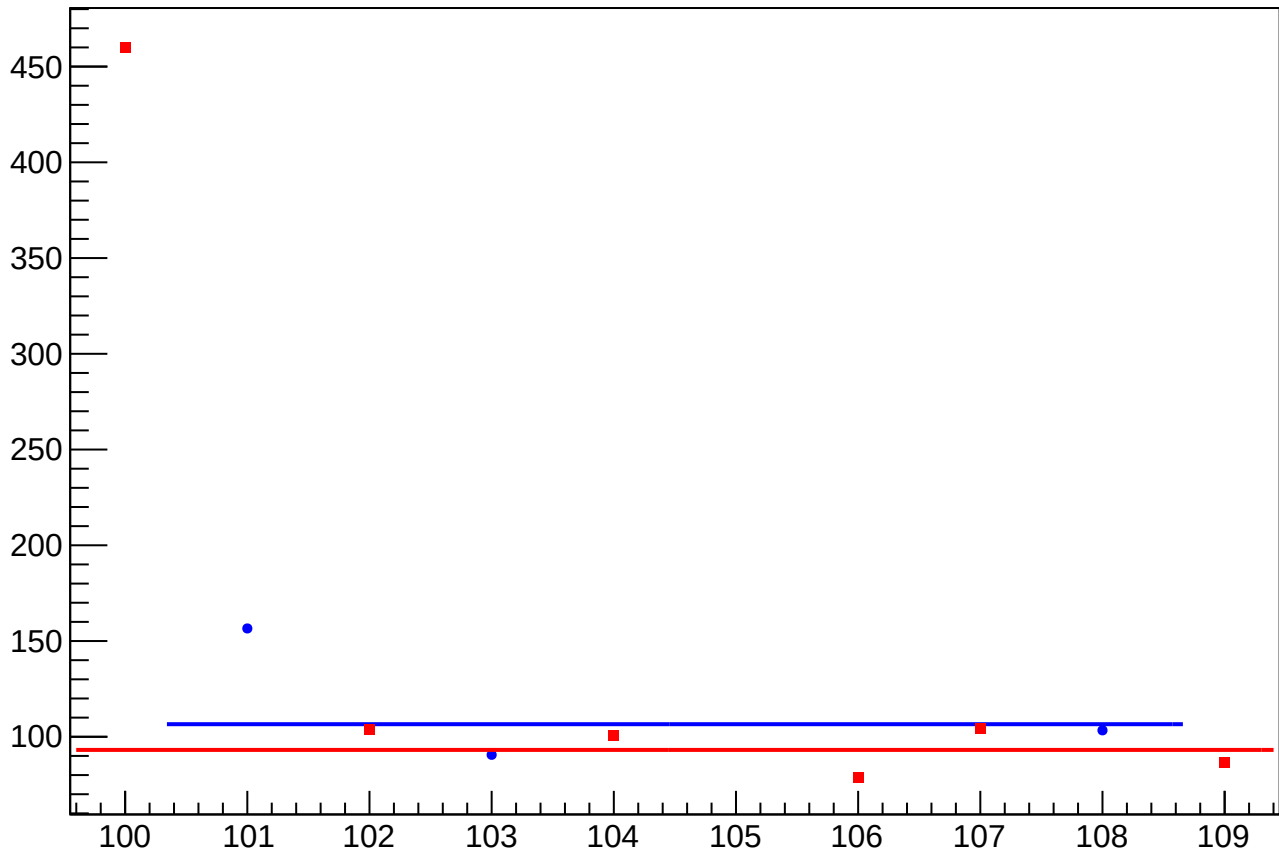
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.065 $\pm$ 0.055 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 106.569 $\pm$ 0.062 χ^2 /NDF: 159550.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.137 $\pm$ 0.050 χ^2 /NDF: 125869.7/5

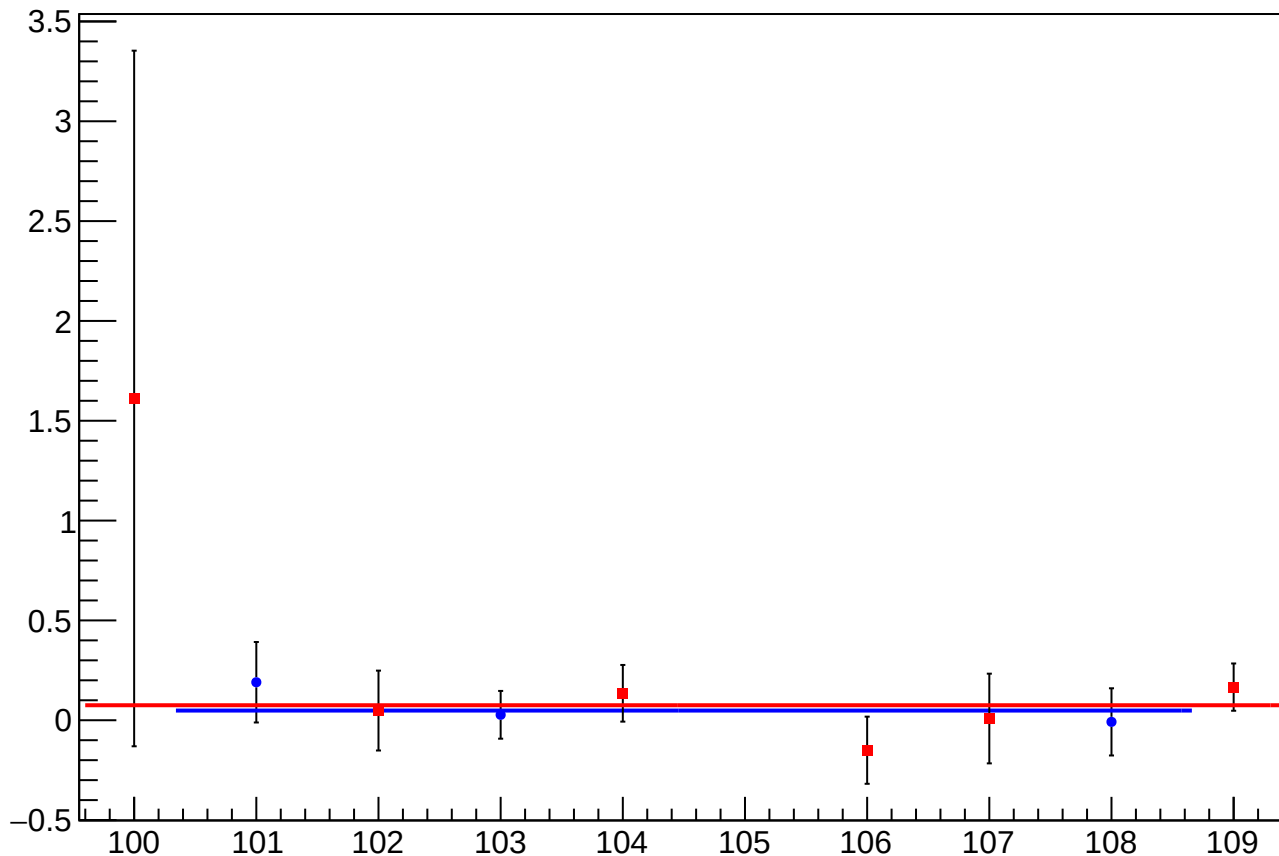
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.400 $\pm$ 0.039 χ^2 /NDF: 313910.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.075 $\pm$ 0.070 χ^2 /NDF: 3.4/5

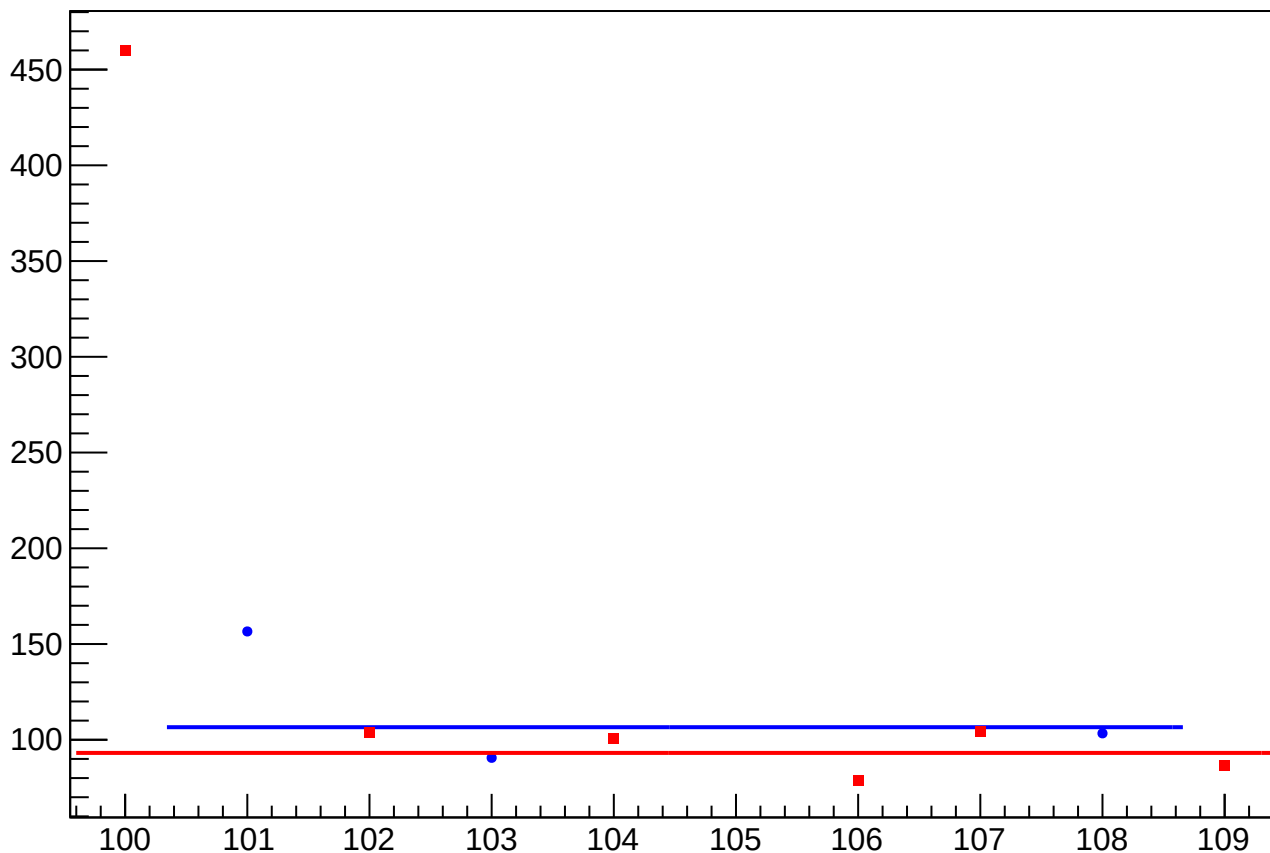
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.065 $\pm$ 0.055 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 106.569 $\pm$ 0.062 χ^2 /NDF: 159550.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.137 $\pm$ 0.050 χ^2 /NDF: 125869.7/5

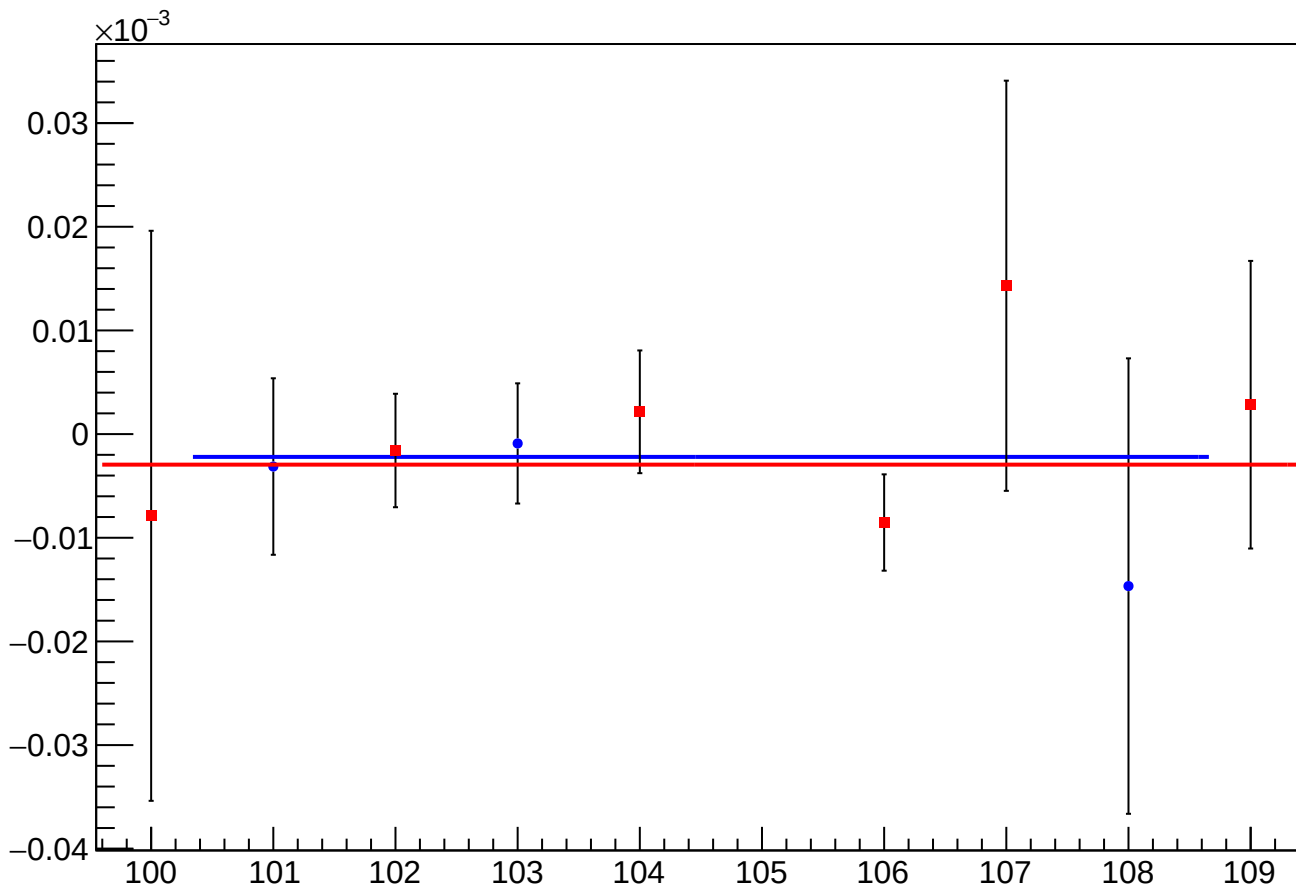
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.400 $\pm$ 0.039 χ^2 /NDF: 313910.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.2/5

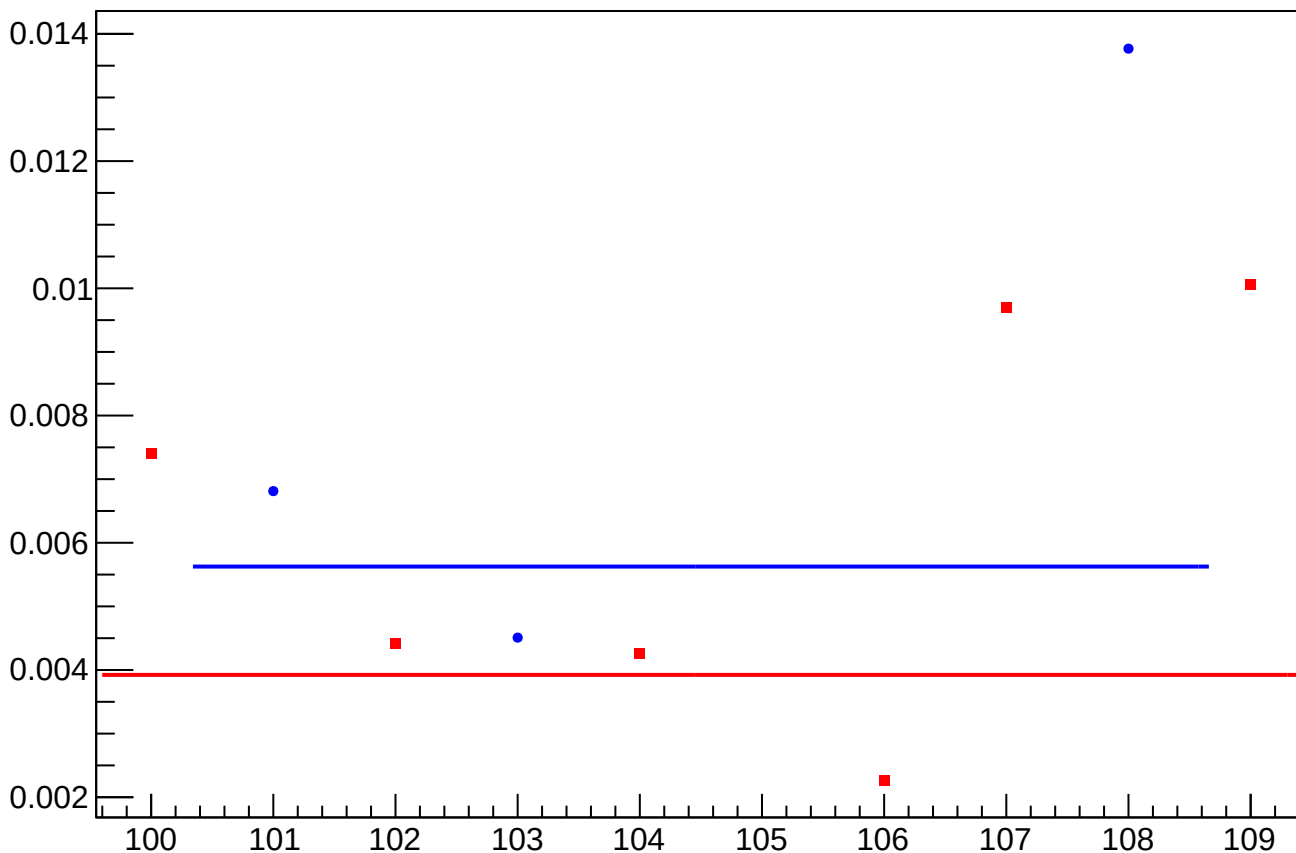
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 3.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 387831.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 871782.9/5

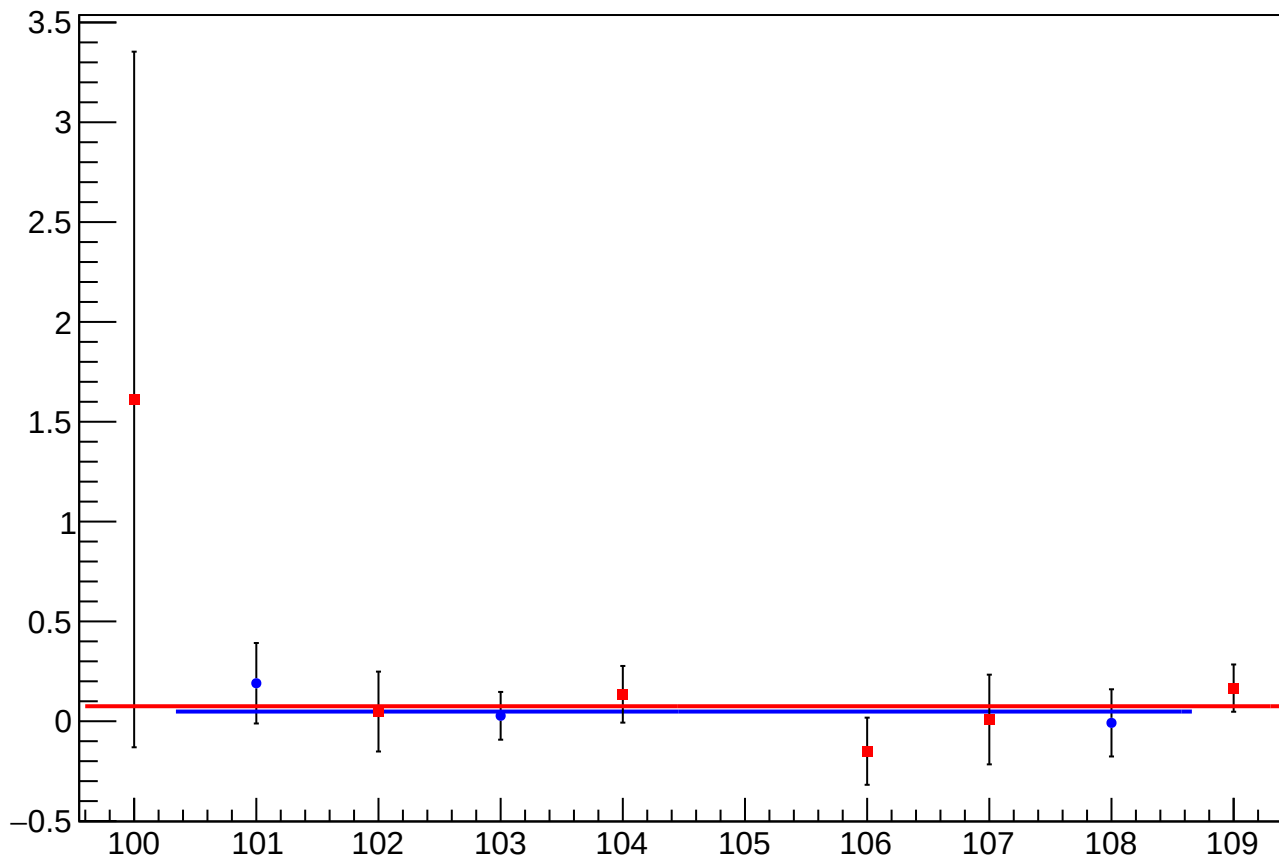
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1450116.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.075 $\pm$ 0.070 χ^2 /NDF: 3.4/5

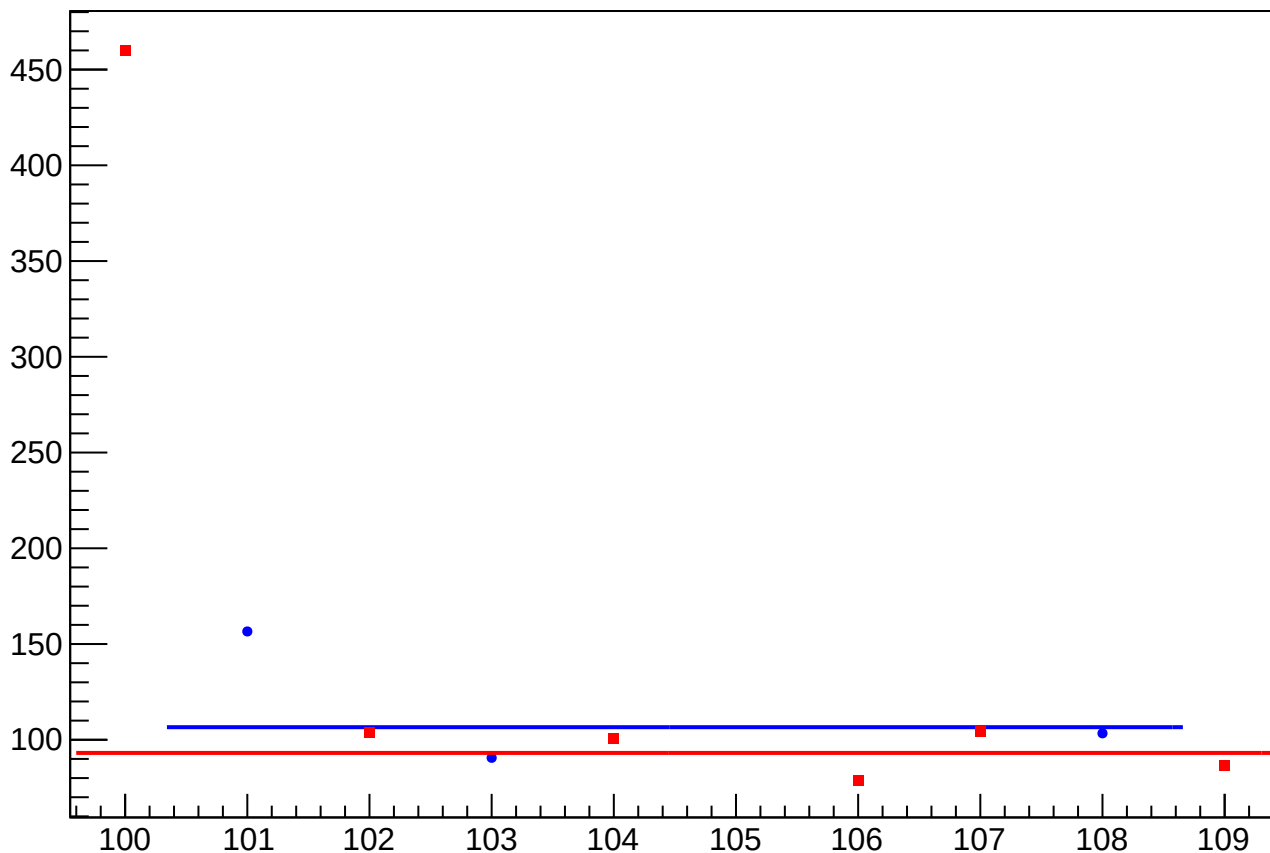
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.065 $\pm$ 0.055 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 106.573+/-0.062 χ^2/NDF : 159526.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.138+/-0.050 χ^2/NDF : 125861.8/5

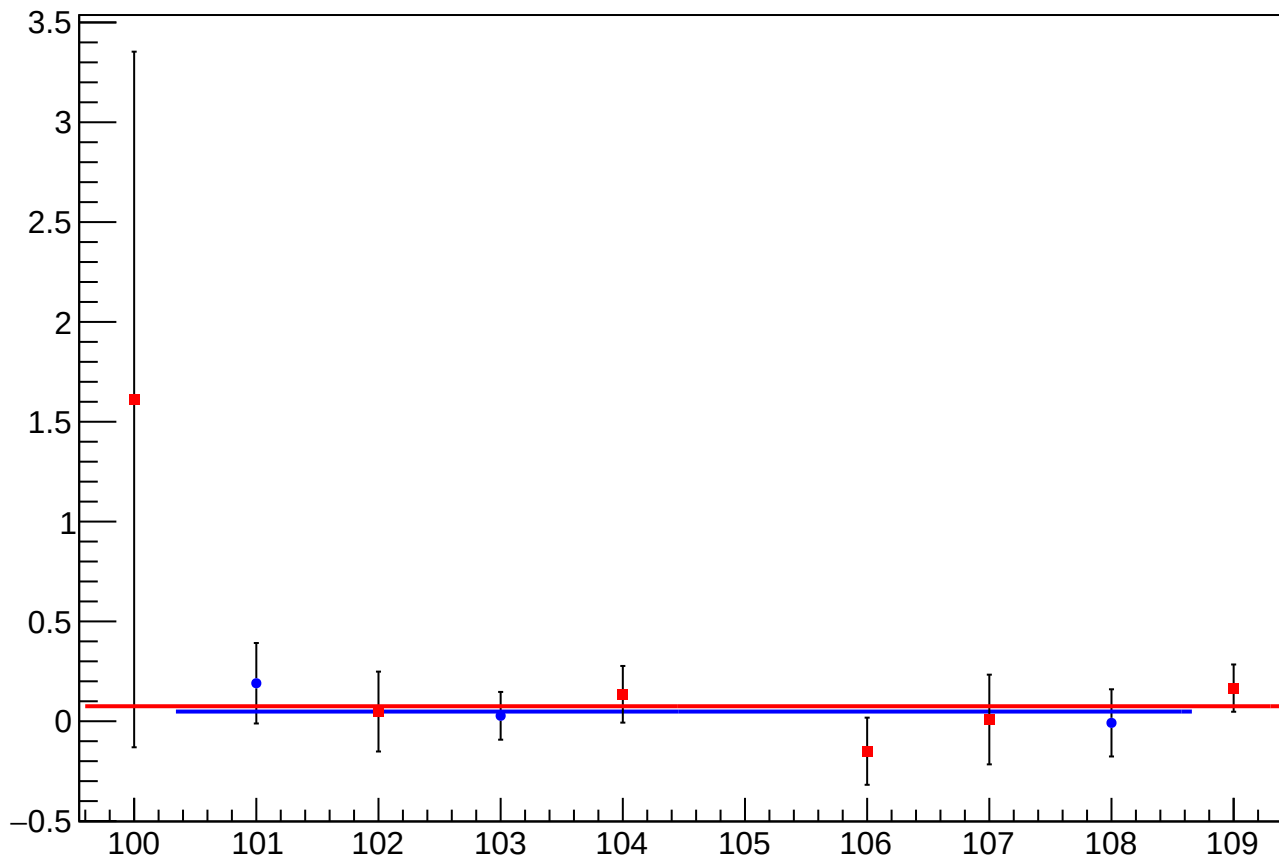
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.402+/-0.039 χ^2/NDF : 313886.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.088 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.075 $\pm$ 0.070 χ^2 /NDF: 3.4/5

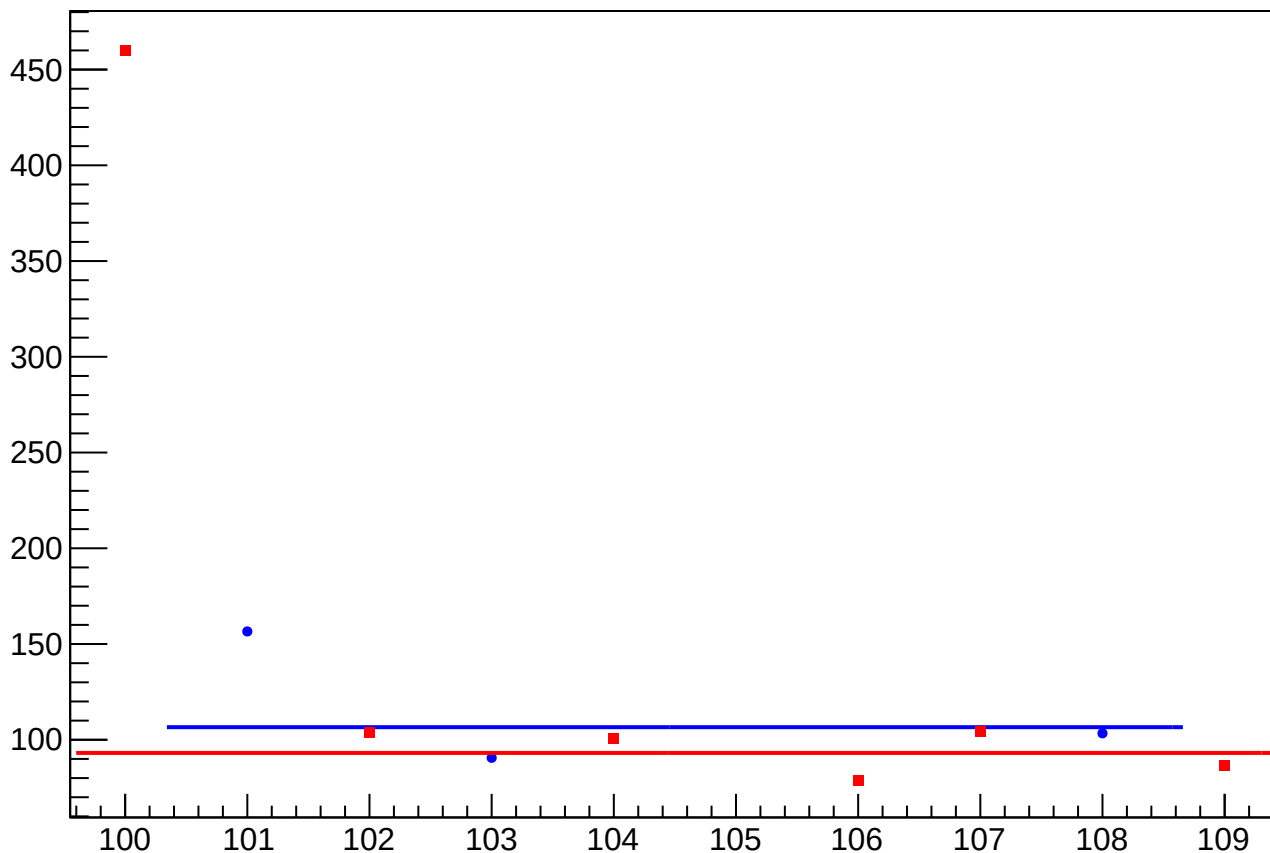
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.065 $\pm$ 0.055 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 106.573 $\pm$ 0.062 χ^2 /NDF: 159526.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.138 $\pm$ 0.050 χ^2 /NDF: 125861.8/5

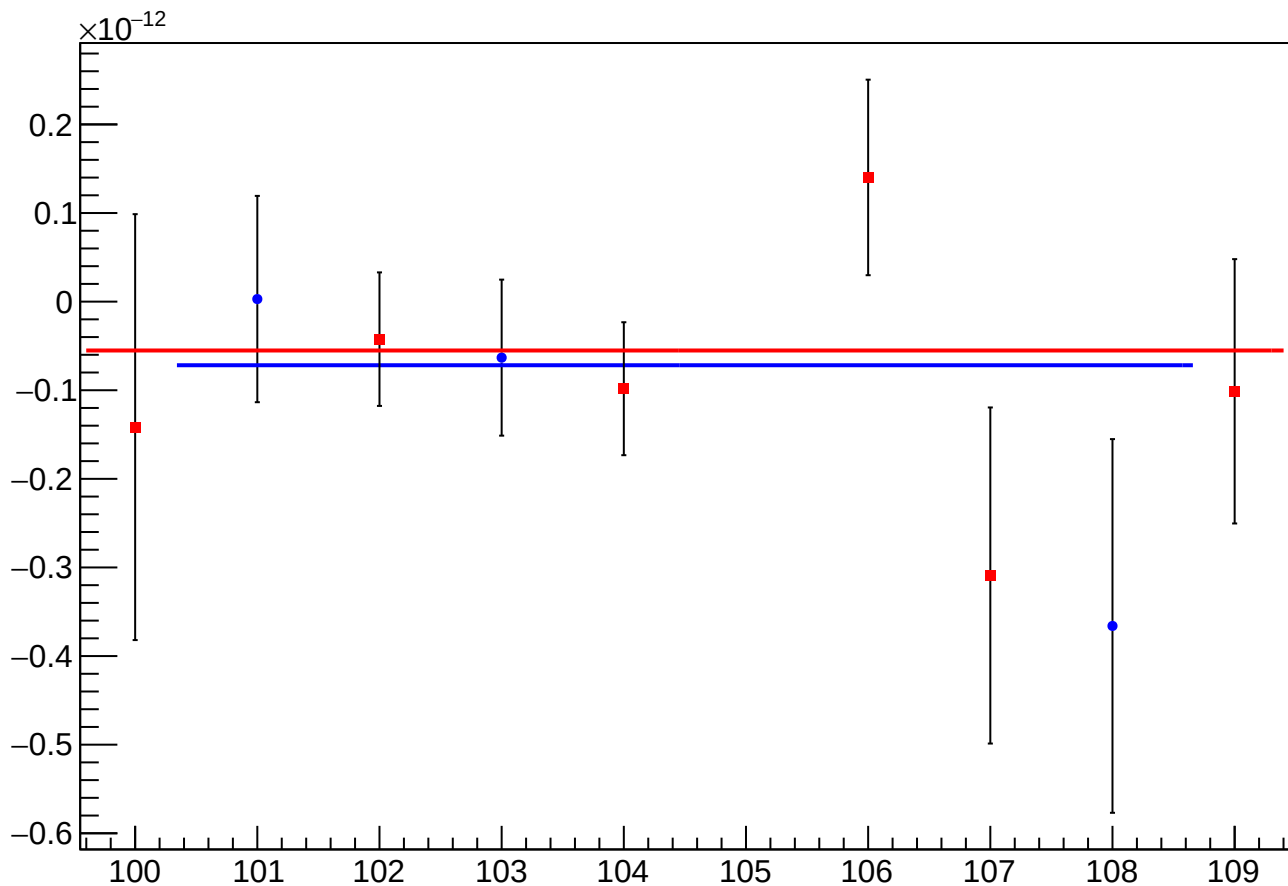
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.402 $\pm$ 0.039 χ^2 /NDF: 313886.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/5

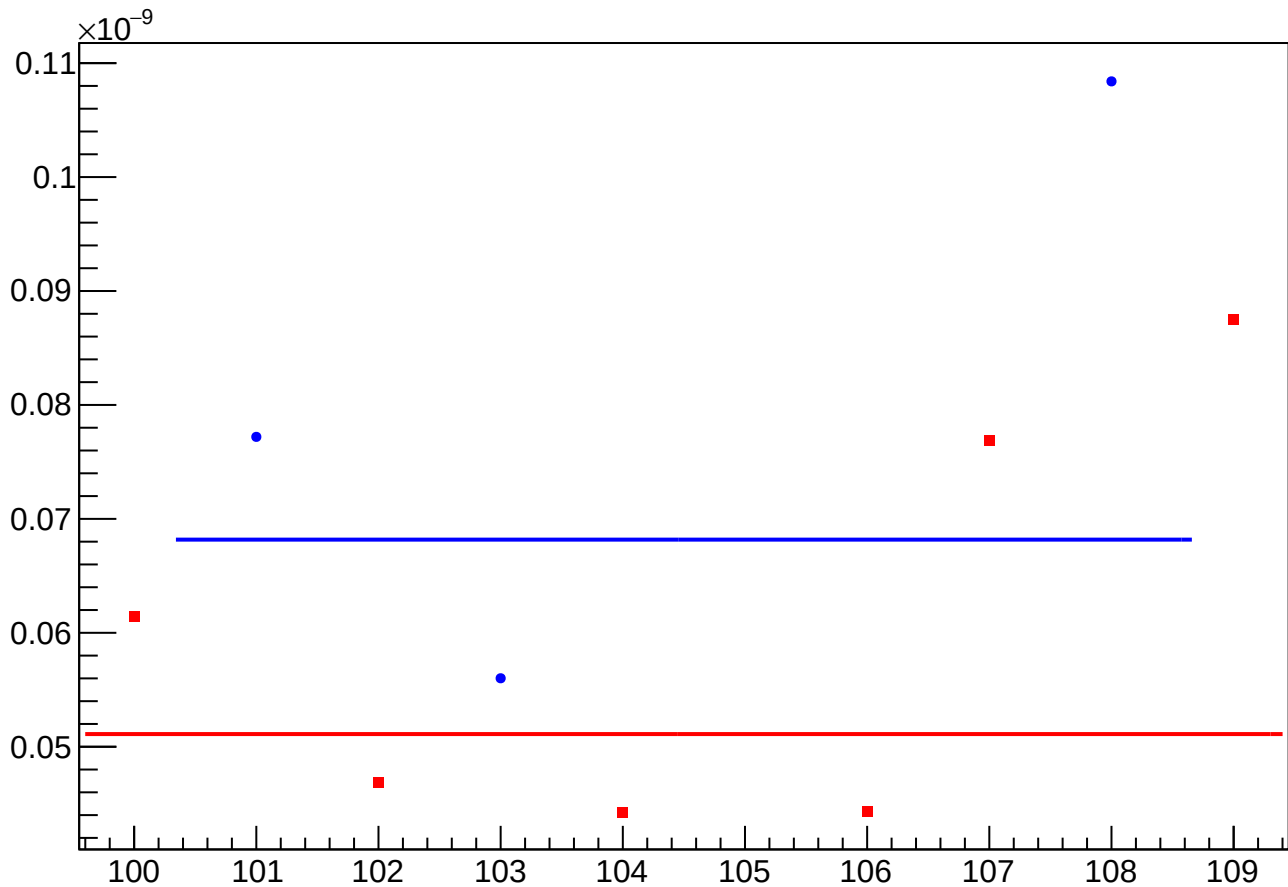
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 122972.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 190206.6/5

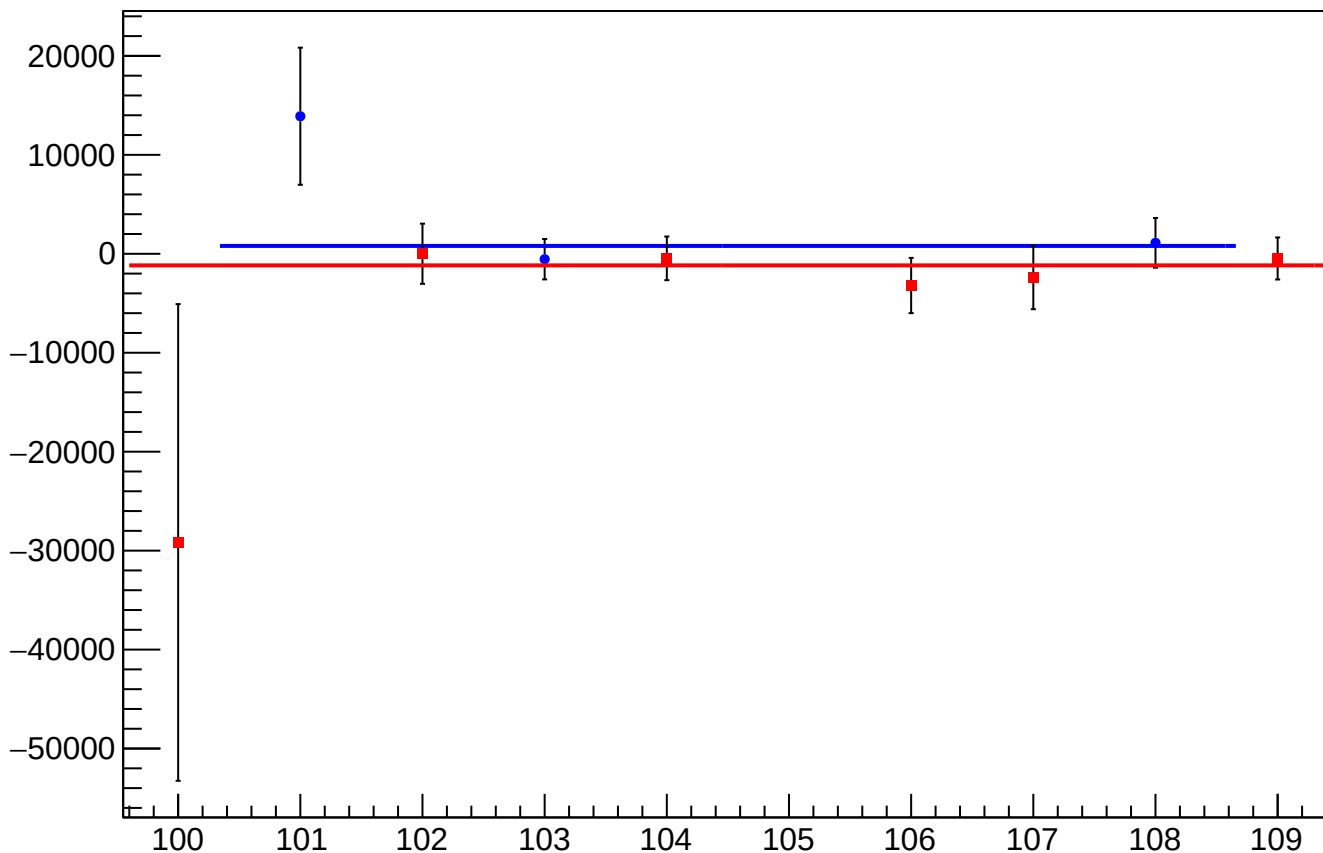
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 405059.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_mean vs Slug



Right In: 795.347+/-1544.025 χ^2/NDF : 4.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1170.248+/-1145.115 χ^2/NDF : 2.4/5

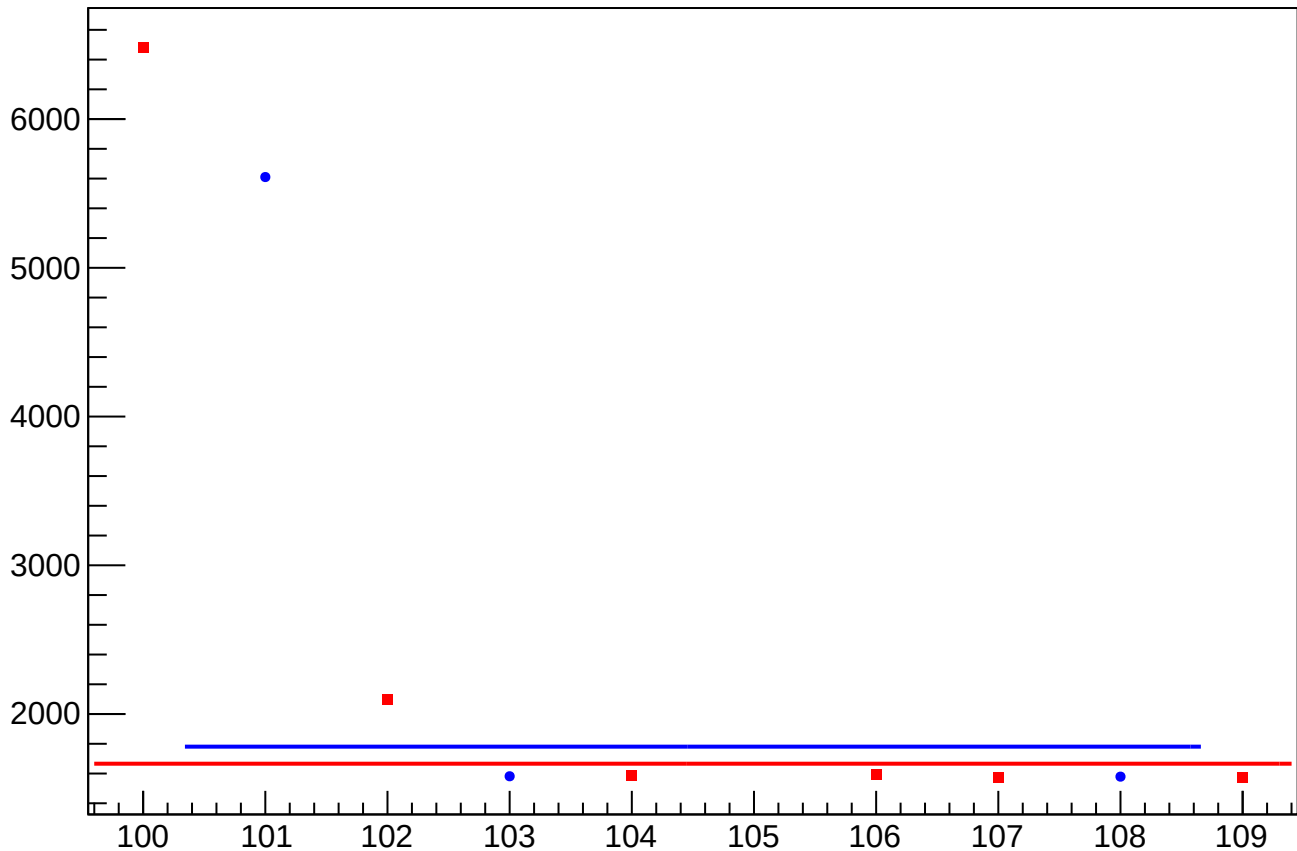
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -472.751+/-919.768 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1780.734+/-1.092 χ^2/NDF : 642886.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1666.070+/-0.810 χ^2/NDF : 129073.9/5

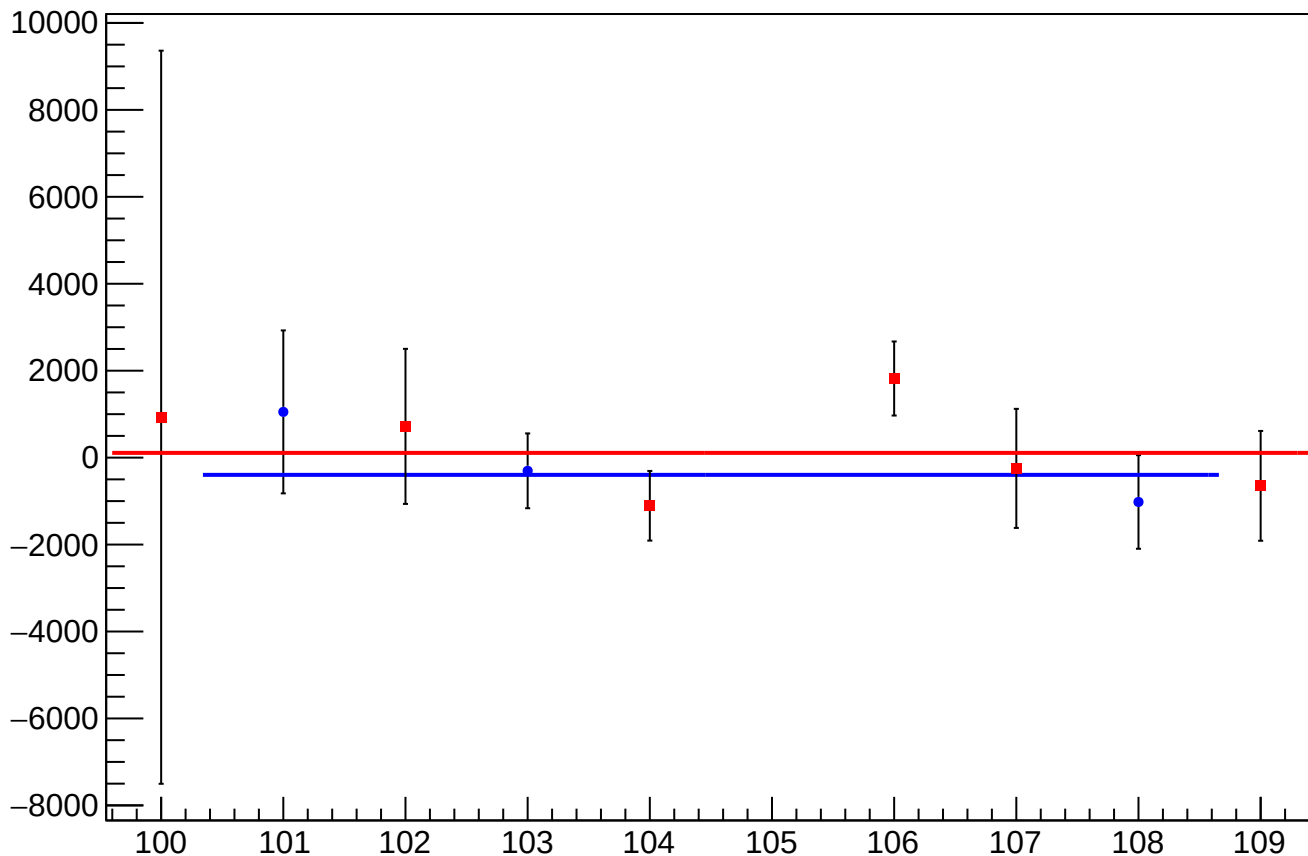
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1706.758+/-0.650 χ^2/NDF : 779076.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_correction_mean vs Slug



Right In: -396.442+/-632.760 χ^2 /NDF: 0.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 109.328+/-475.406 χ^2 /NDF: 6.9/5

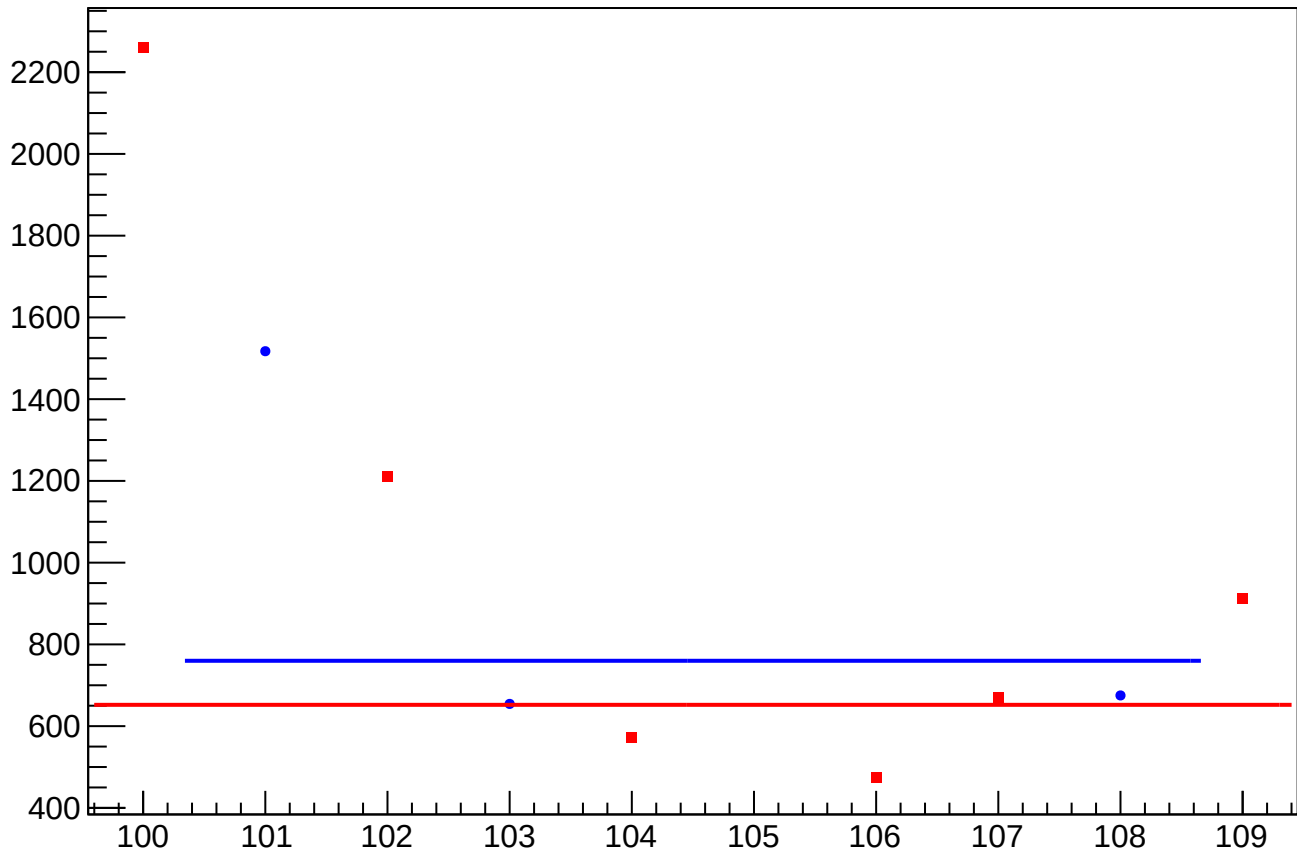
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -73.160+/-380.084 χ^2 /NDF: 8.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 759.912 $\pm$ 0.447 χ^2 /NDF: 369016.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 652.140 $\pm$ 0.336 χ^2 /NDF: 460822.0/5

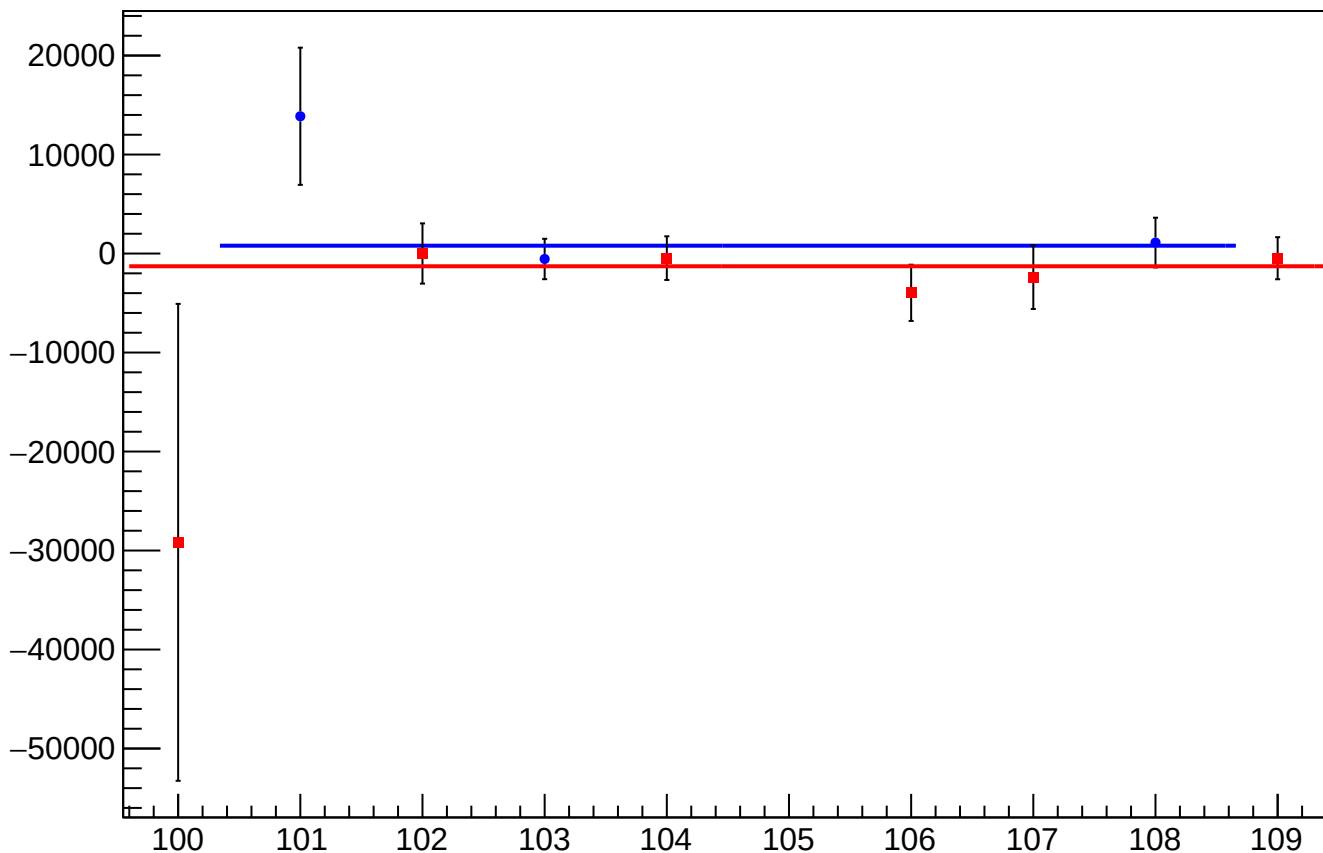
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 691.026 $\pm$ 0.269 χ^2 /NDF: 866922.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 792.201 $\pm$ 1544.027 χ^2 /NDF: 4.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1284.548 $\pm$ 1148.447 χ^2 /NDF: 2.8/5

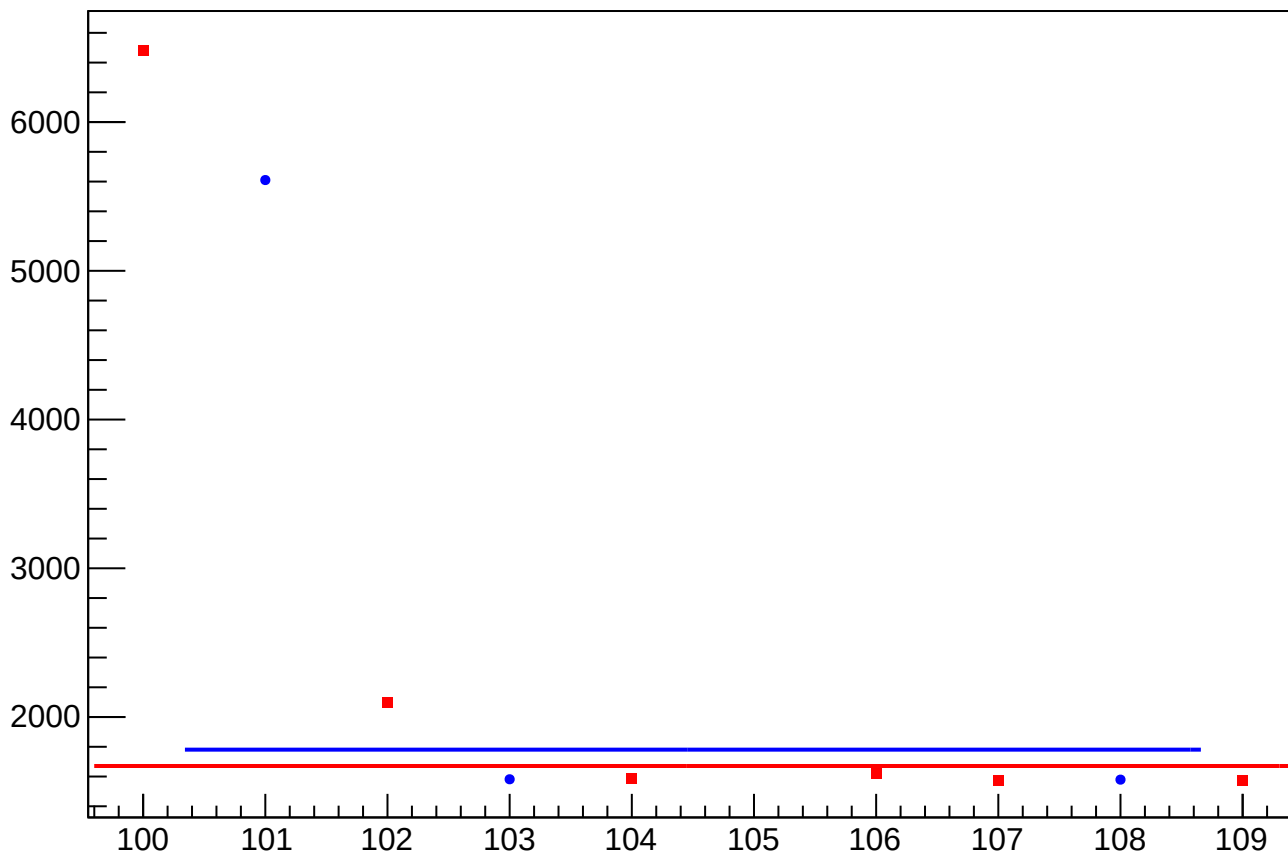
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -544.844 $\pm$ 921.493 χ^2 /NDF: 8.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1780.734 $\pm$ 1.092 χ^2 /NDF: 642886.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1670.824 $\pm$ 0.812 χ^2 /NDF: 128212.1/5

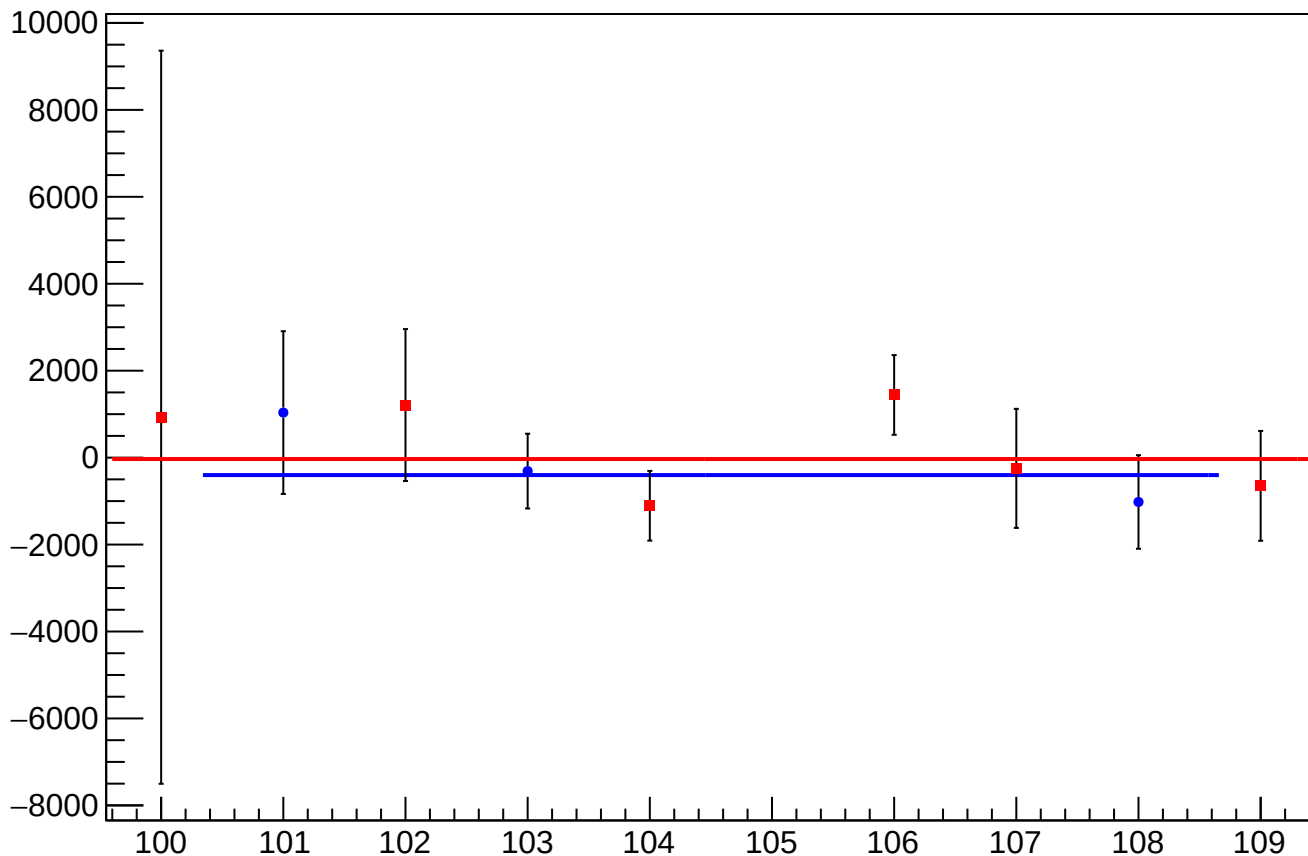
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1709.972 $\pm$ 0.652 χ^2 /NDF: 777622.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_mean vs Slug



Right In: -401.211+/-632.467 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.034+/-485.295 χ^2/NDF : 5.2/5

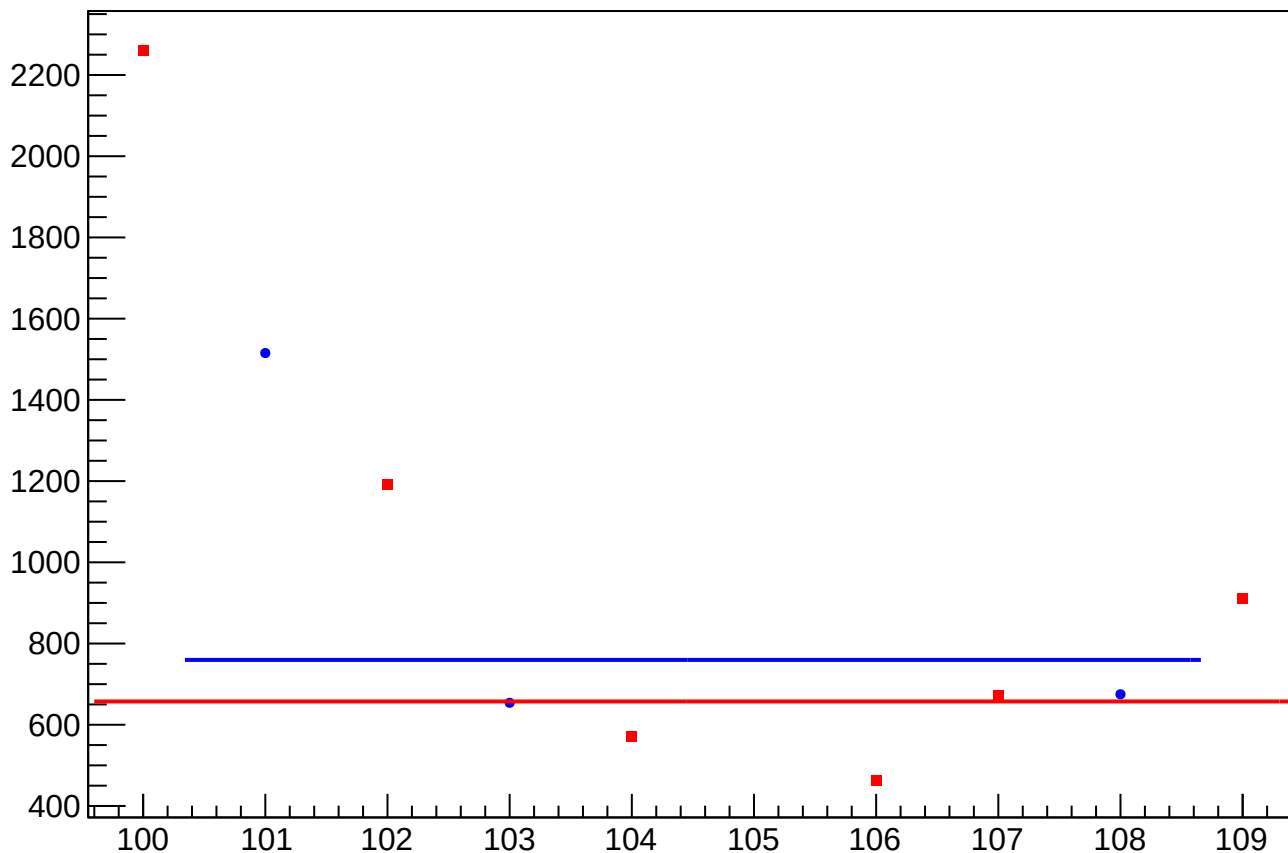
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.842+/-385.014 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 759.682 $\pm$ 0.447 χ^2 /NDF: 368388.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 657.358 $\pm$ 0.343 χ^2 /NDF: 452882.6/5

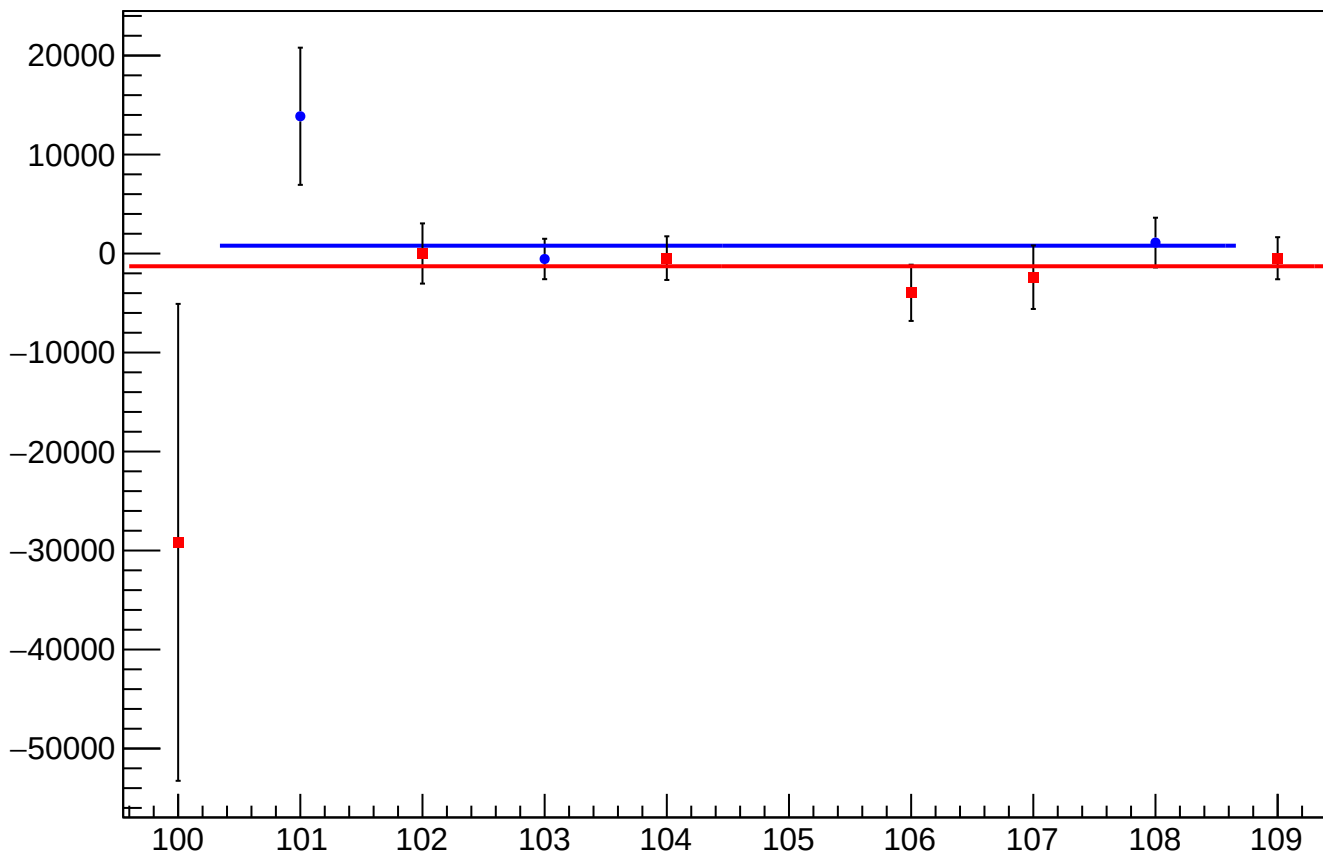
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 695.277 $\pm$ 0.272 χ^2 /NDF: 854220.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_avg_mean vs Slug



Right In: 792.201 $\pm$ 1544.027 χ^2 /NDF: 4.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1284.548 $\pm$ 1148.447 χ^2 /NDF: 2.8/5

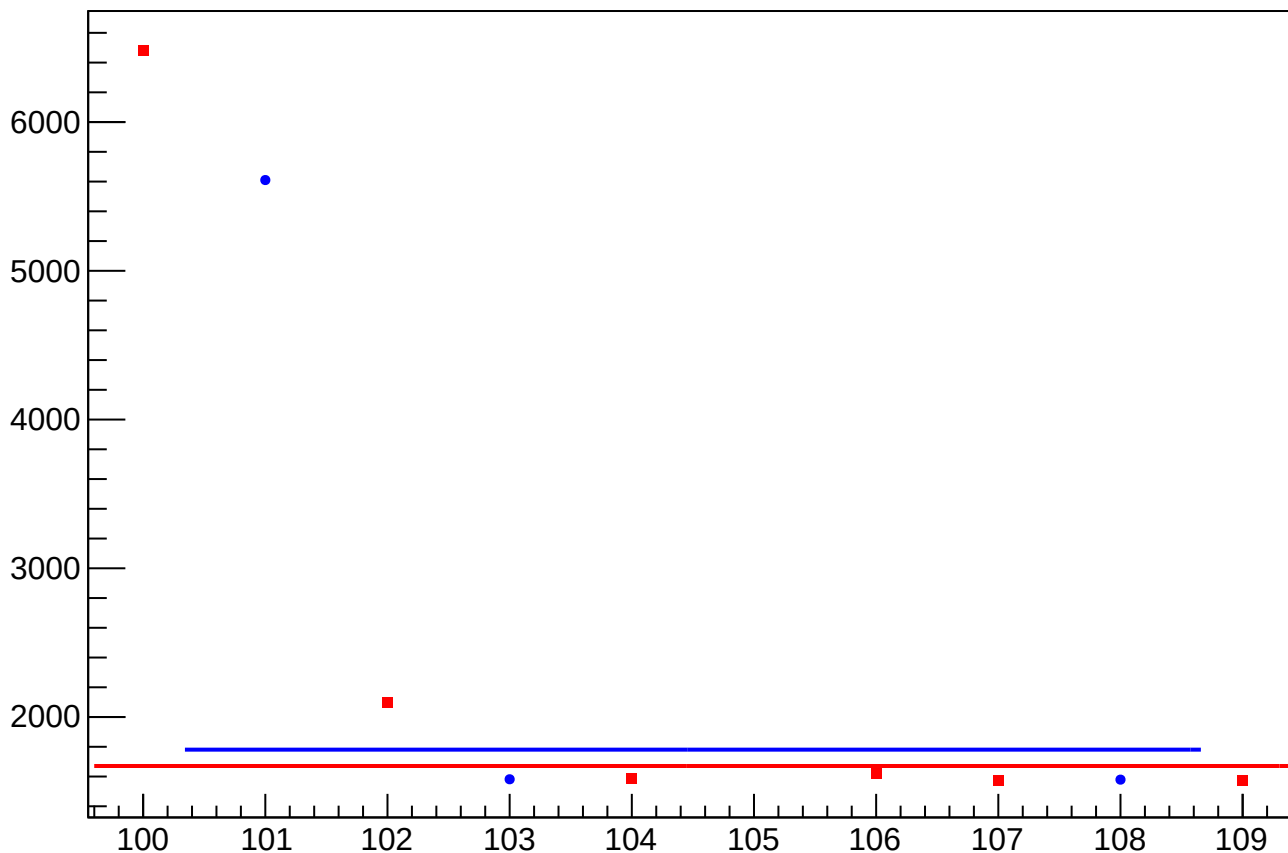
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -544.844 $\pm$ 921.493 χ^2 /NDF: 8.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1780.734+/-1.092 χ^2/NDF : 642886.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.824+/-0.812 χ^2/NDF : 128212.1/5

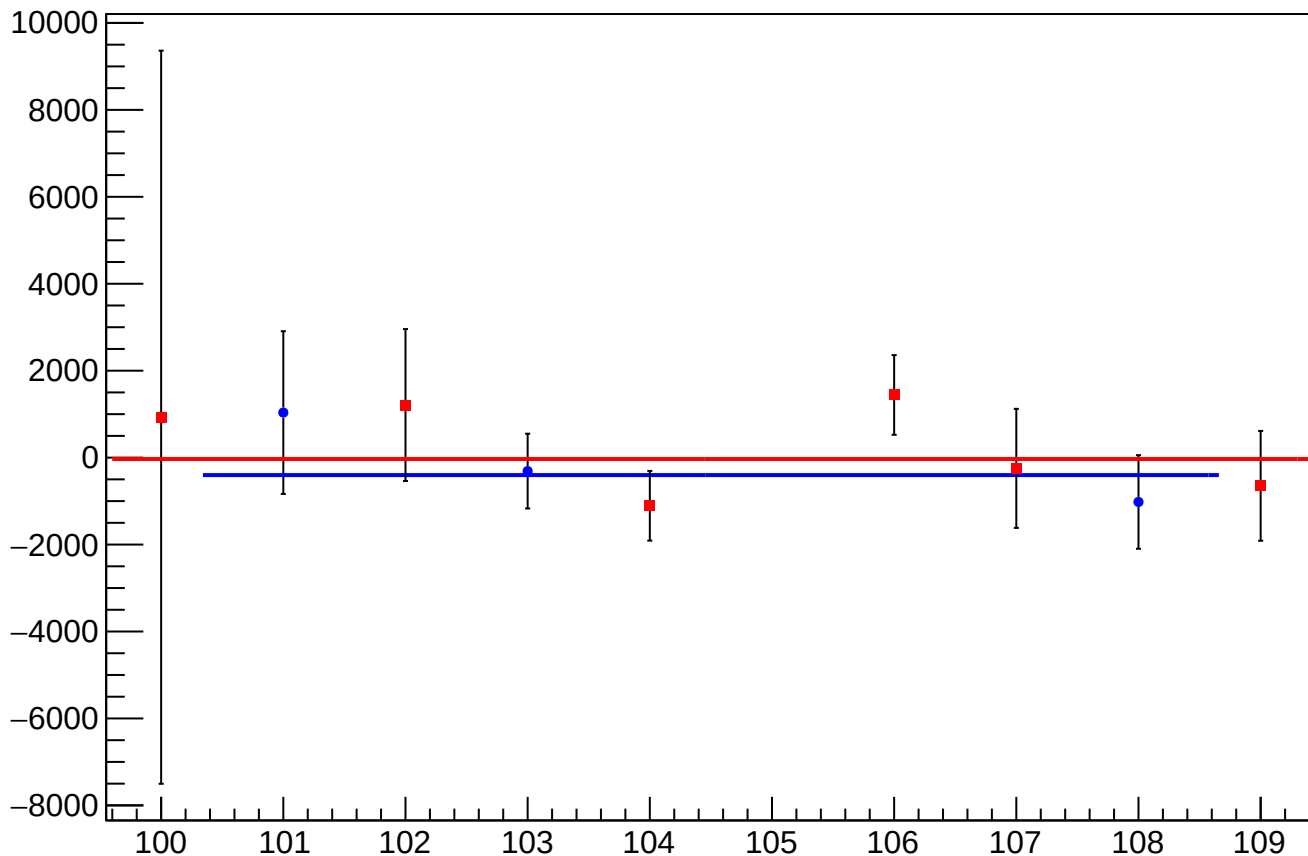
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1709.972+/-0.652 χ^2/NDF : 777622.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



Right In: -401.211+/-632.467 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.034+/-485.295 χ^2/NDF : 5.2/5

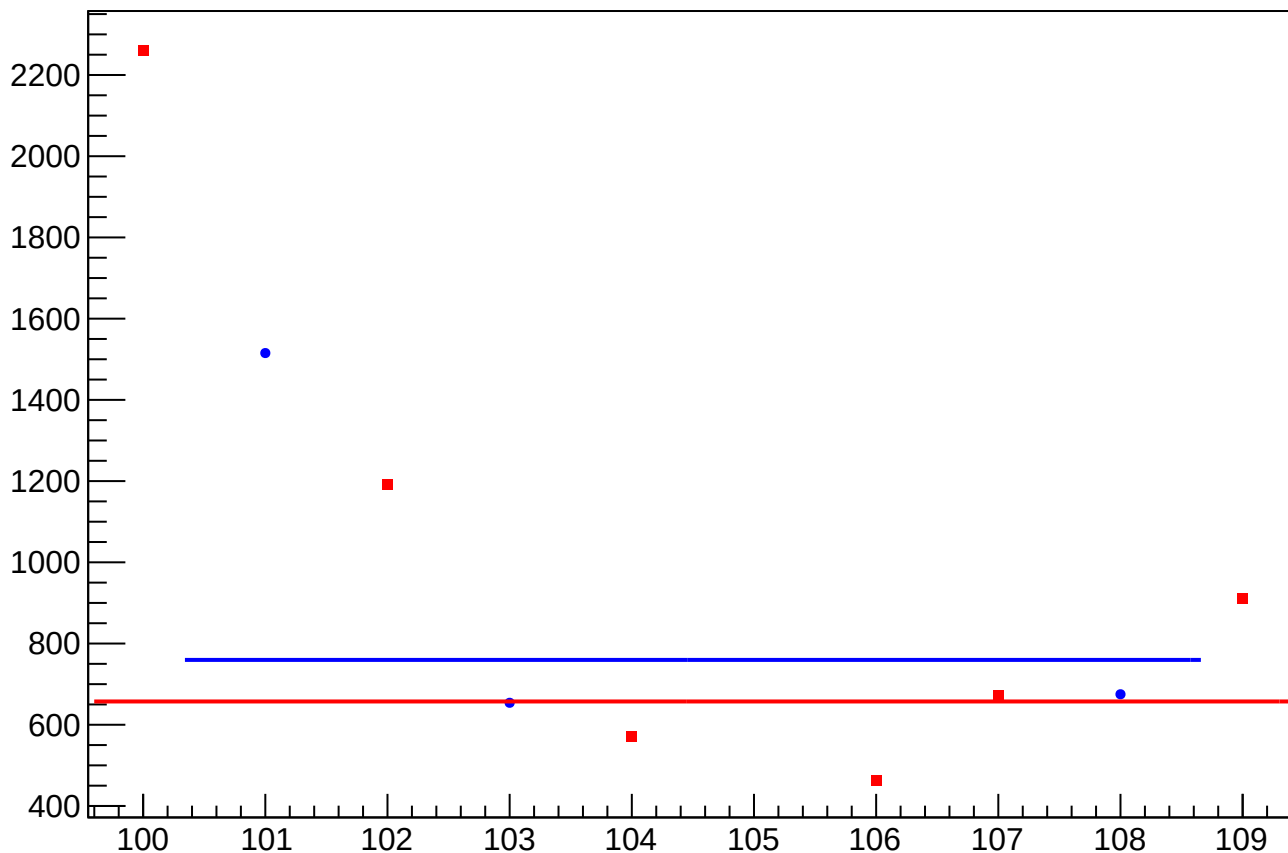
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.842+/-385.014 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 759.682 $\pm$ 0.447 χ^2 /NDF: 368388.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 657.358 $\pm$ 0.343 χ^2 /NDF: 452882.6/5

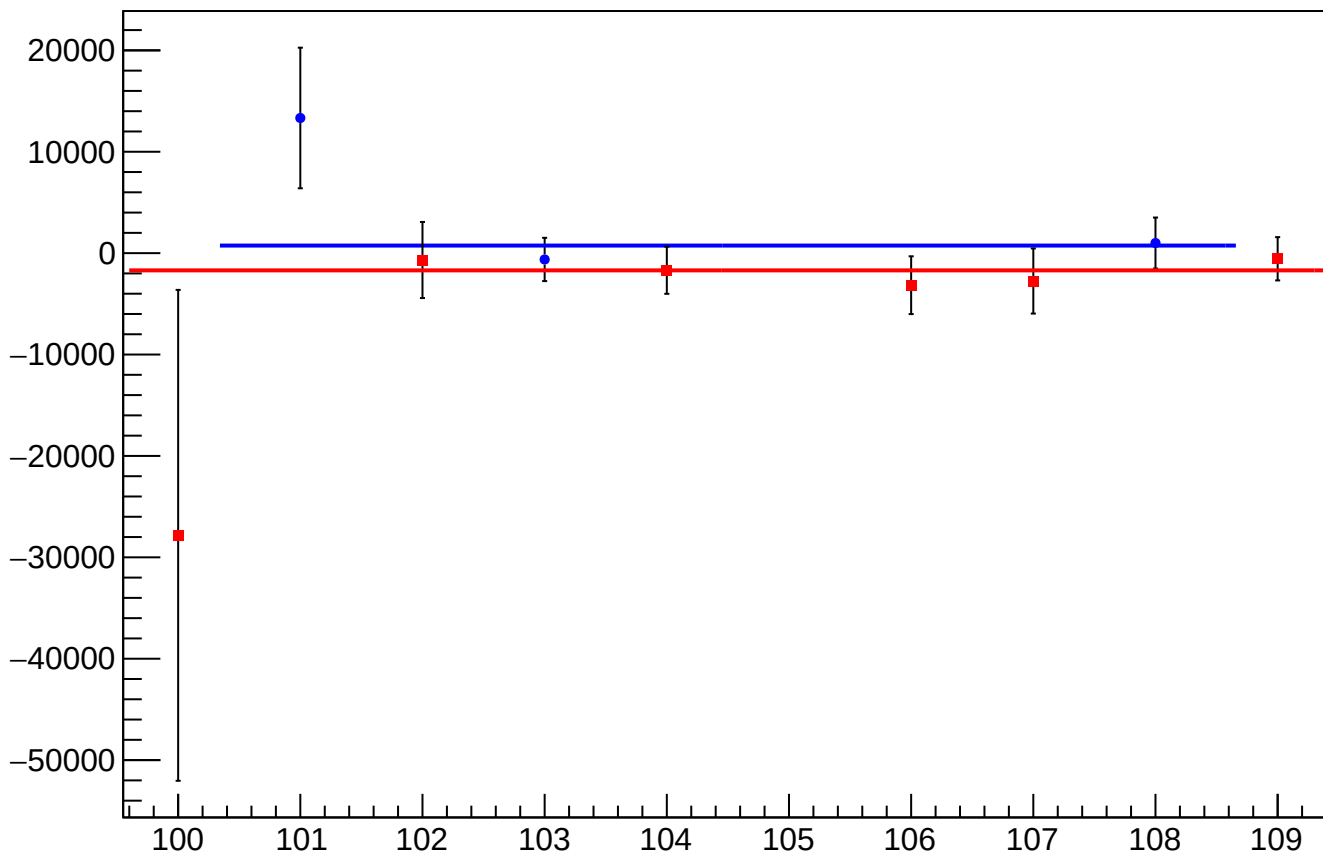
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 695.277 $\pm$ 0.272 χ^2 /NDF: 854220.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



Right In: 747.757 $\pm$ 1584.262 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1699.131 $\pm$ 1197.855 χ^2 /NDF: 1.9/5

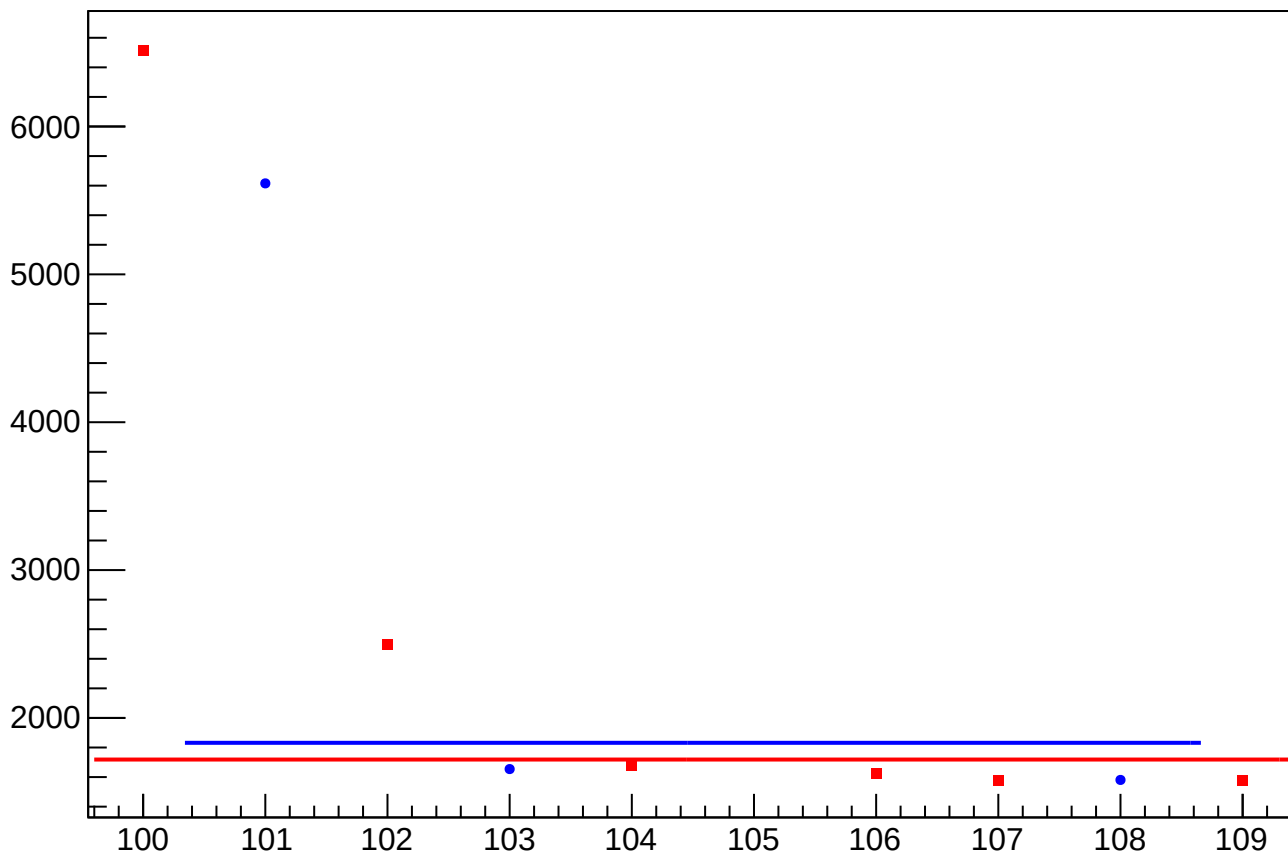
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -809.103 $\pm$ 955.481 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1831.770+/-1.120 χ^2/NDF : 629072.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.637+/-0.847 χ^2/NDF : 179553.3/5

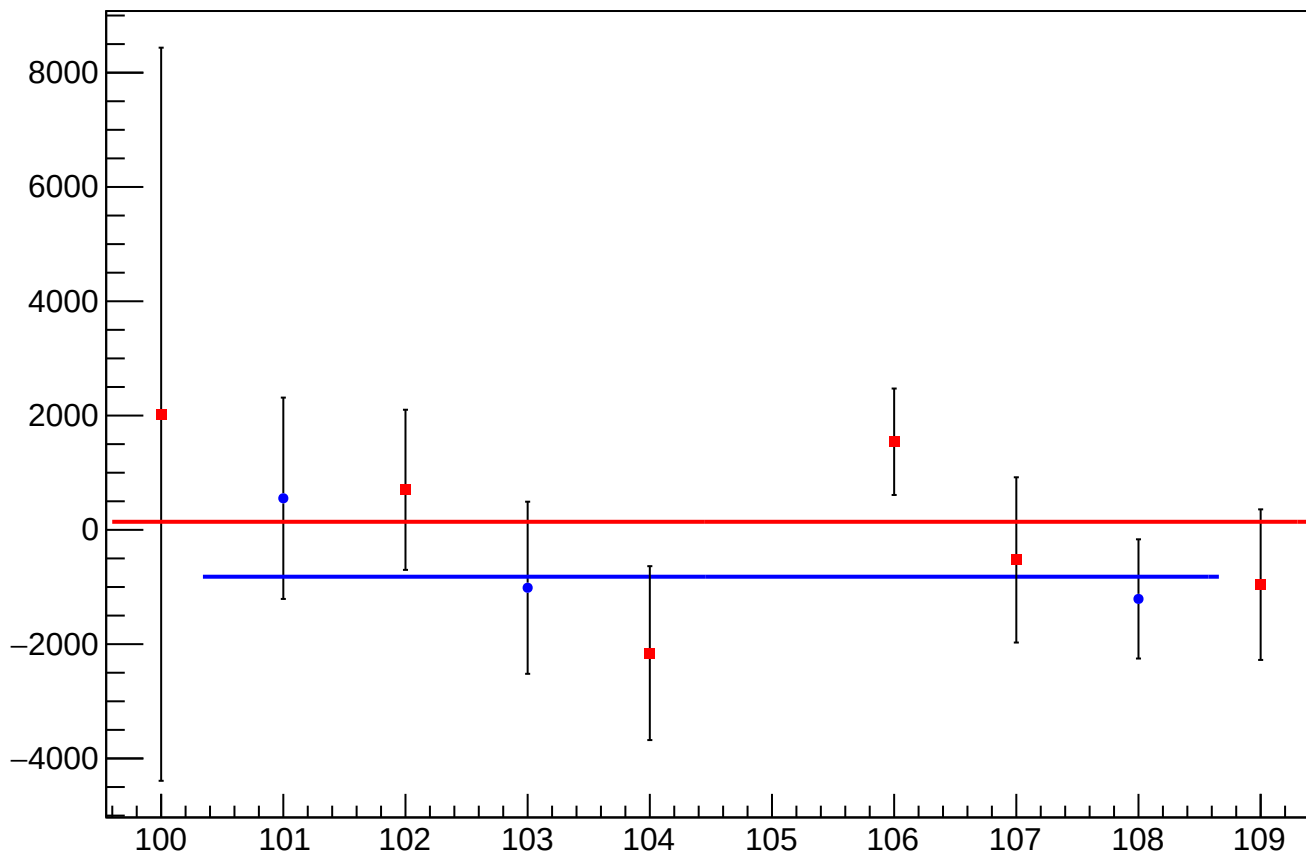
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1759.787+/-0.676 χ^2/NDF : 815115.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -819.848+/-771.020 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.276+/-561.371 χ^2/NDF : 5.7/5

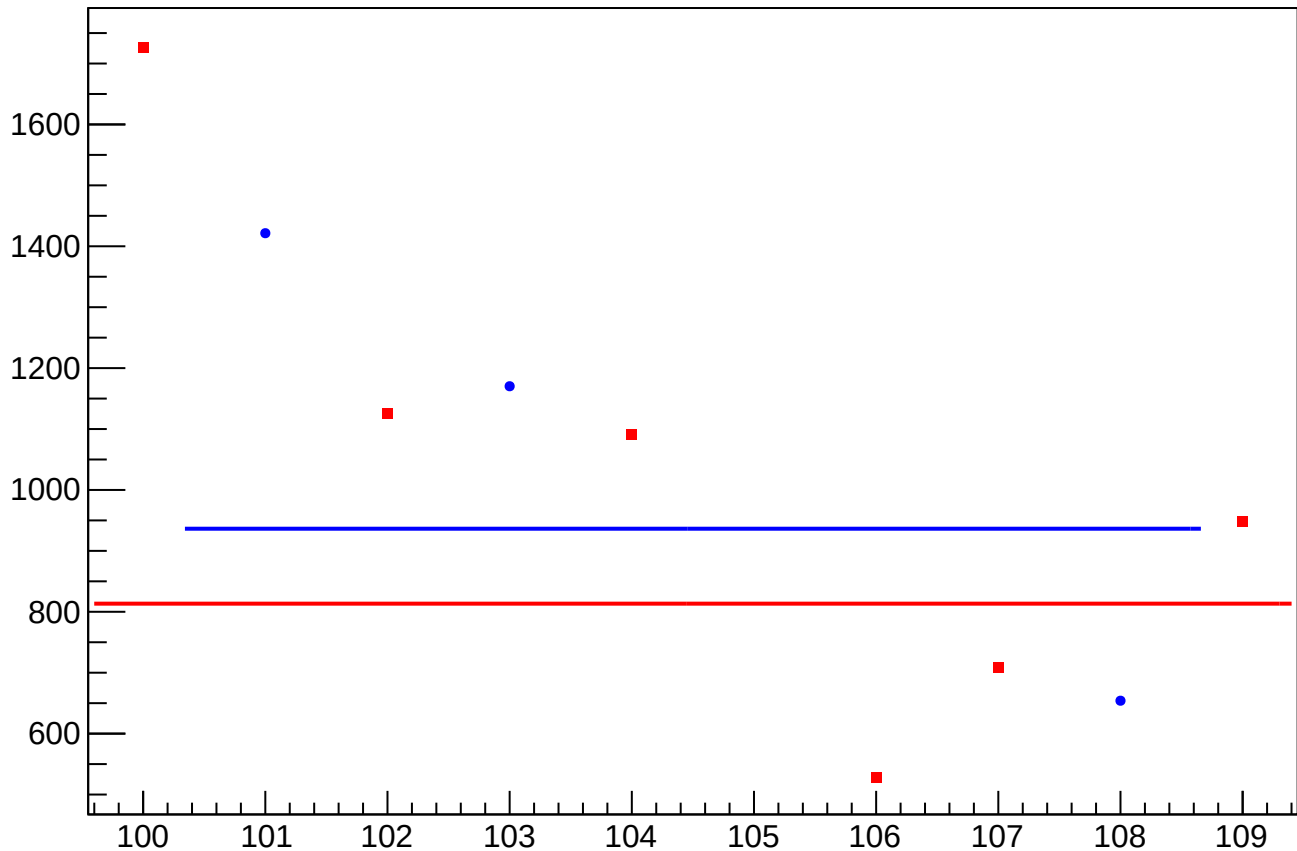
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.709+/-453.825 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 936.371+/-0.545 χ^2/NDF : 346426.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.352+/-0.397 χ^2/NDF : 425658.1/5

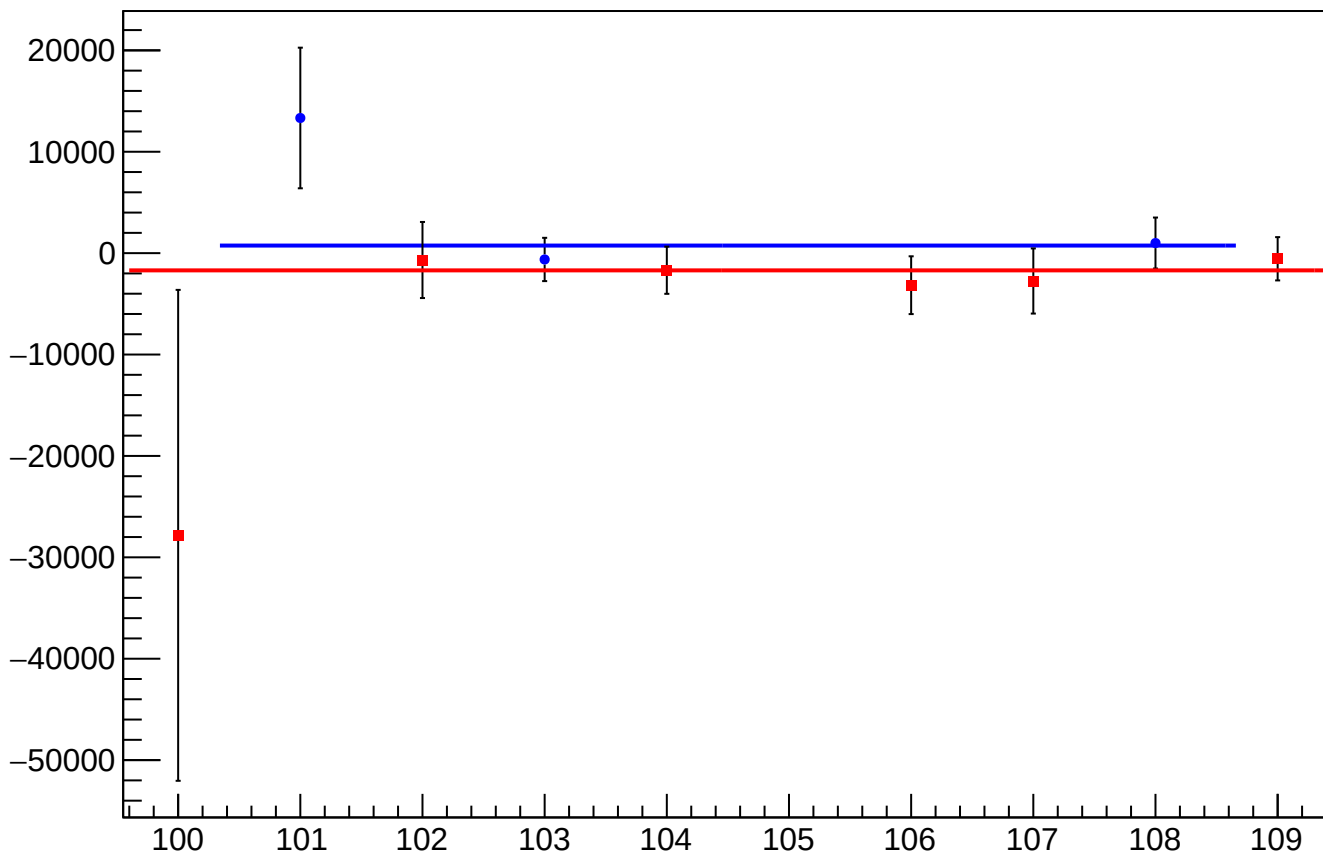
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.972+/-0.321 χ^2/NDF : 805359.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 747.754 $\pm$ 1584.262 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1699.123 $\pm$ 1197.854 χ^2 /NDF: 1.9/5

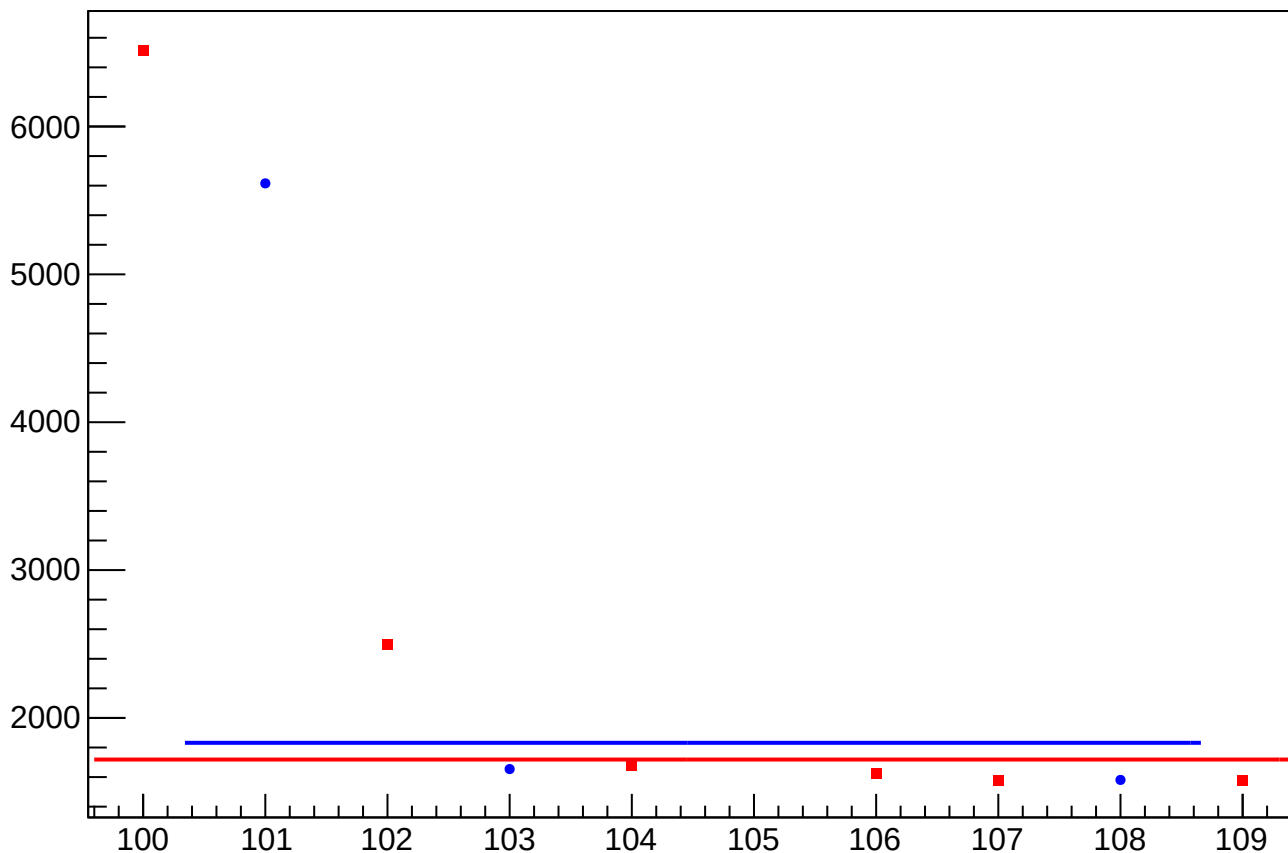
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -809.099 $\pm$ 955.480 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1831.769+/-1.120 χ^2/NDF : 629072.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.636+/-0.847 χ^2/NDF : 179553.2/5

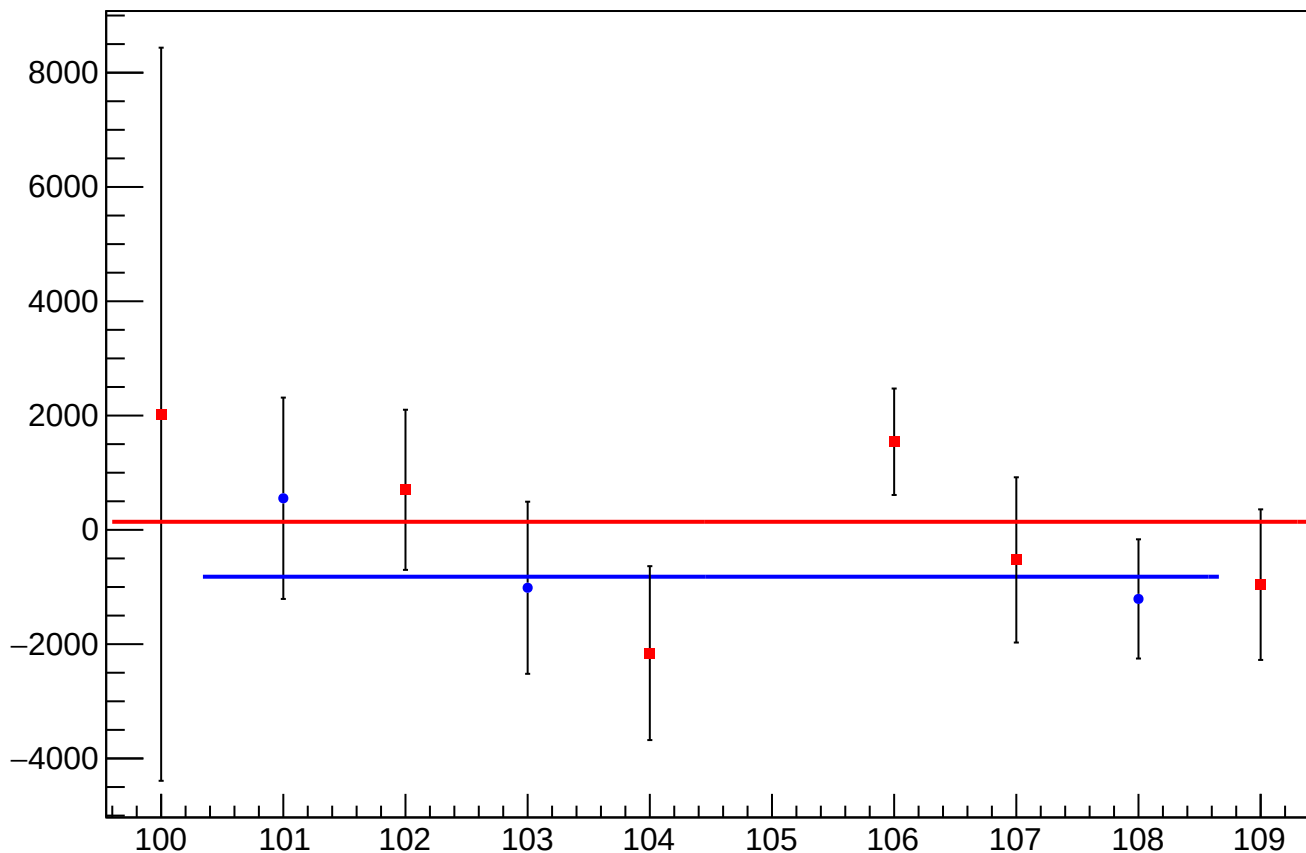
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1759.787+/-0.676 χ^2/NDF : 815115.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -819.848+/-771.018 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.279+/-561.371 χ^2/NDF : 5.7/5

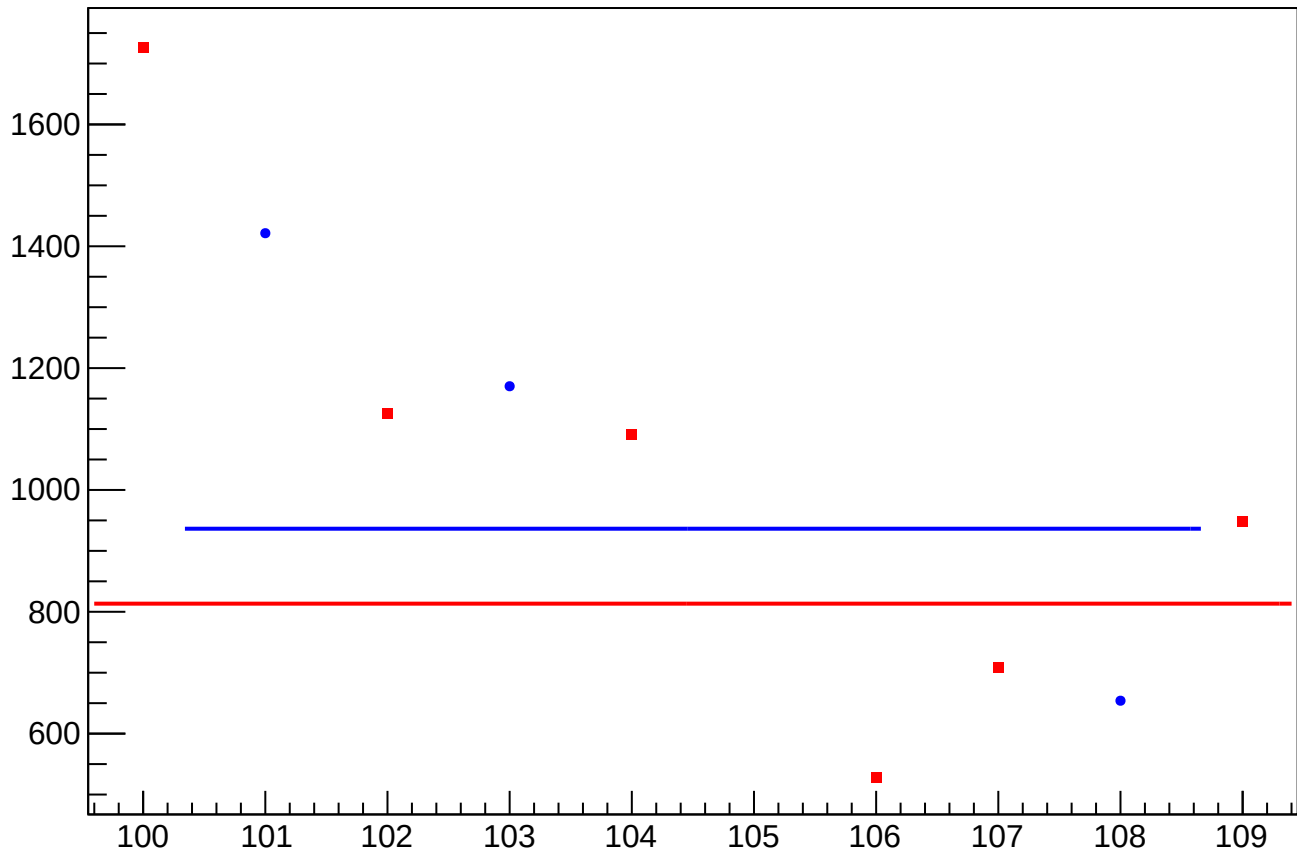
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.708+/-453.824 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug



Right In: 936.368+/-0.545 χ^2/NDF : 346428.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.352+/-0.397 χ^2/NDF : 425654.4/5

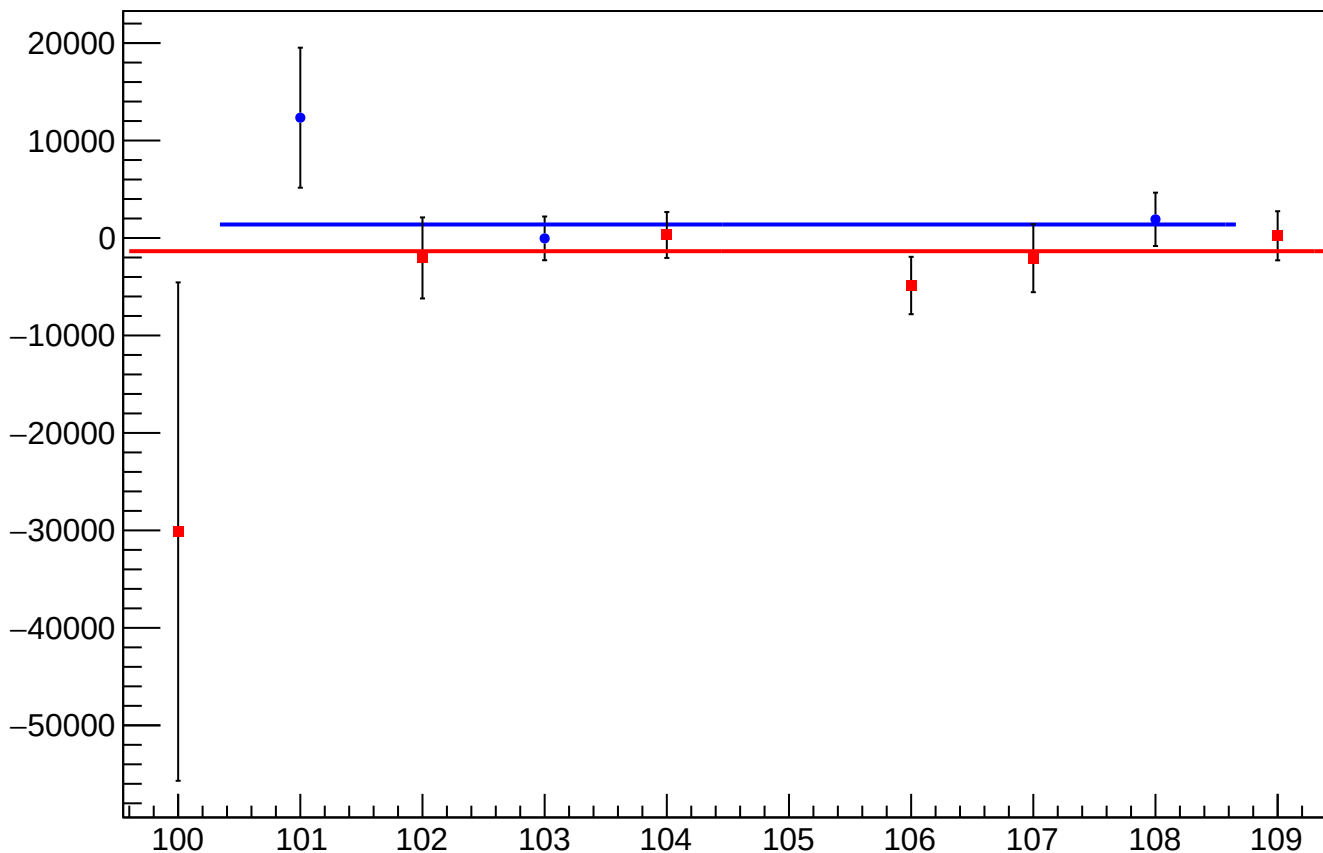
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.971+/-0.321 χ^2/NDF : 805356.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 1386.019+/-1686.371 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1354.392+/-1297.206 χ^2/NDF : 3.7/5

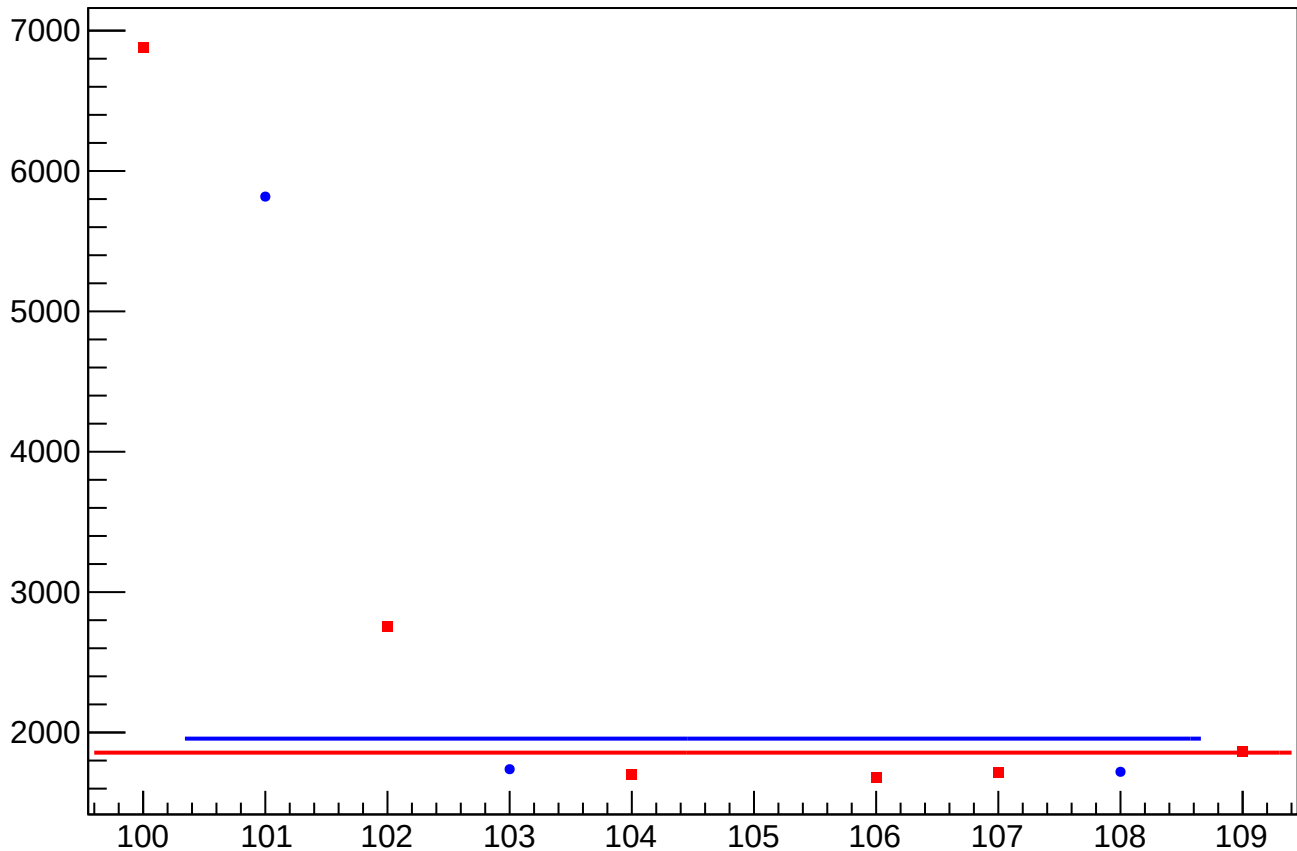
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -335.654+/-1028.197 χ^2/NDF : 8.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_rms vs Slug



Right In: 1956.280+/-1.192 χ^2/NDF : 611591.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1856.400+/-0.917 χ^2/NDF : 190495.2/5

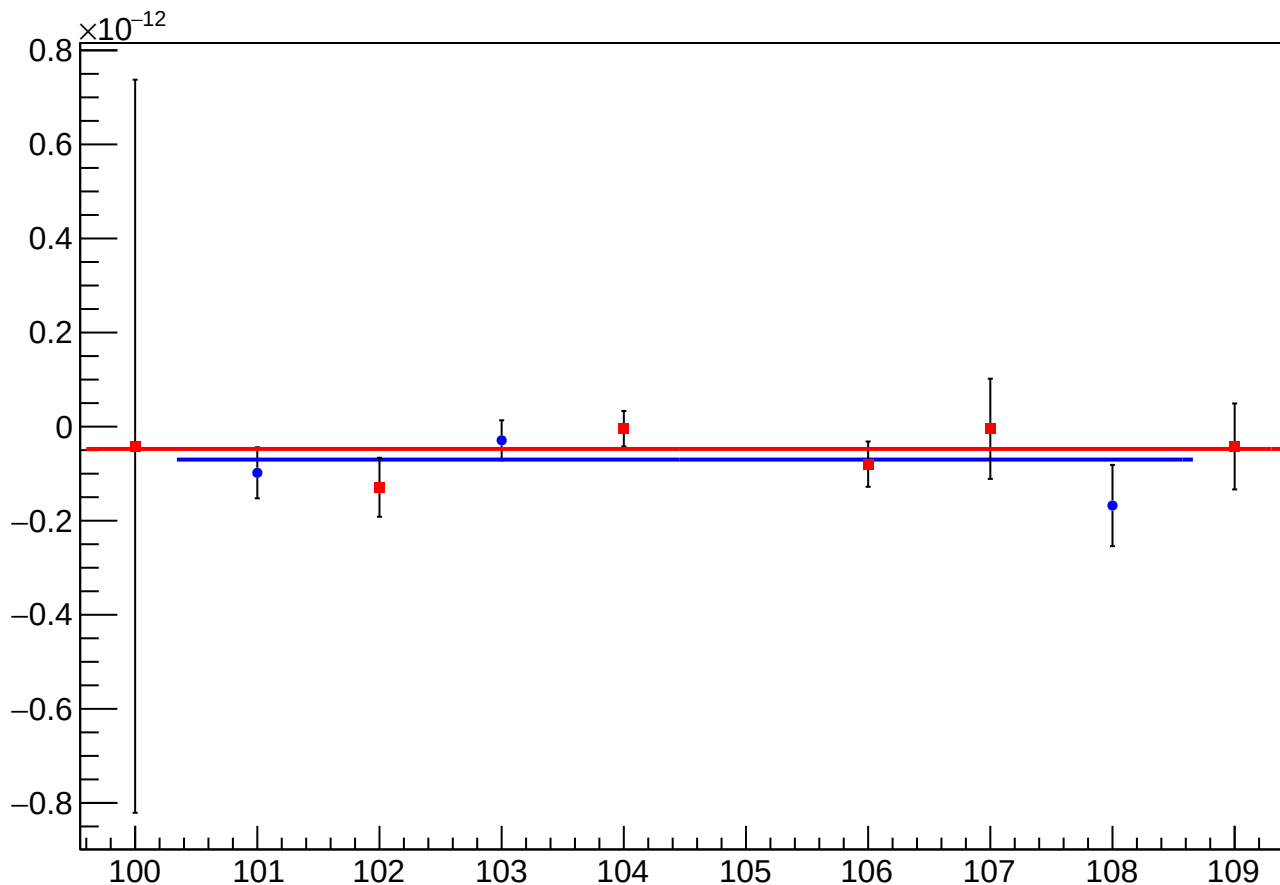
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.530+/-0.727 χ^2/NDF : 806494.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.6/5

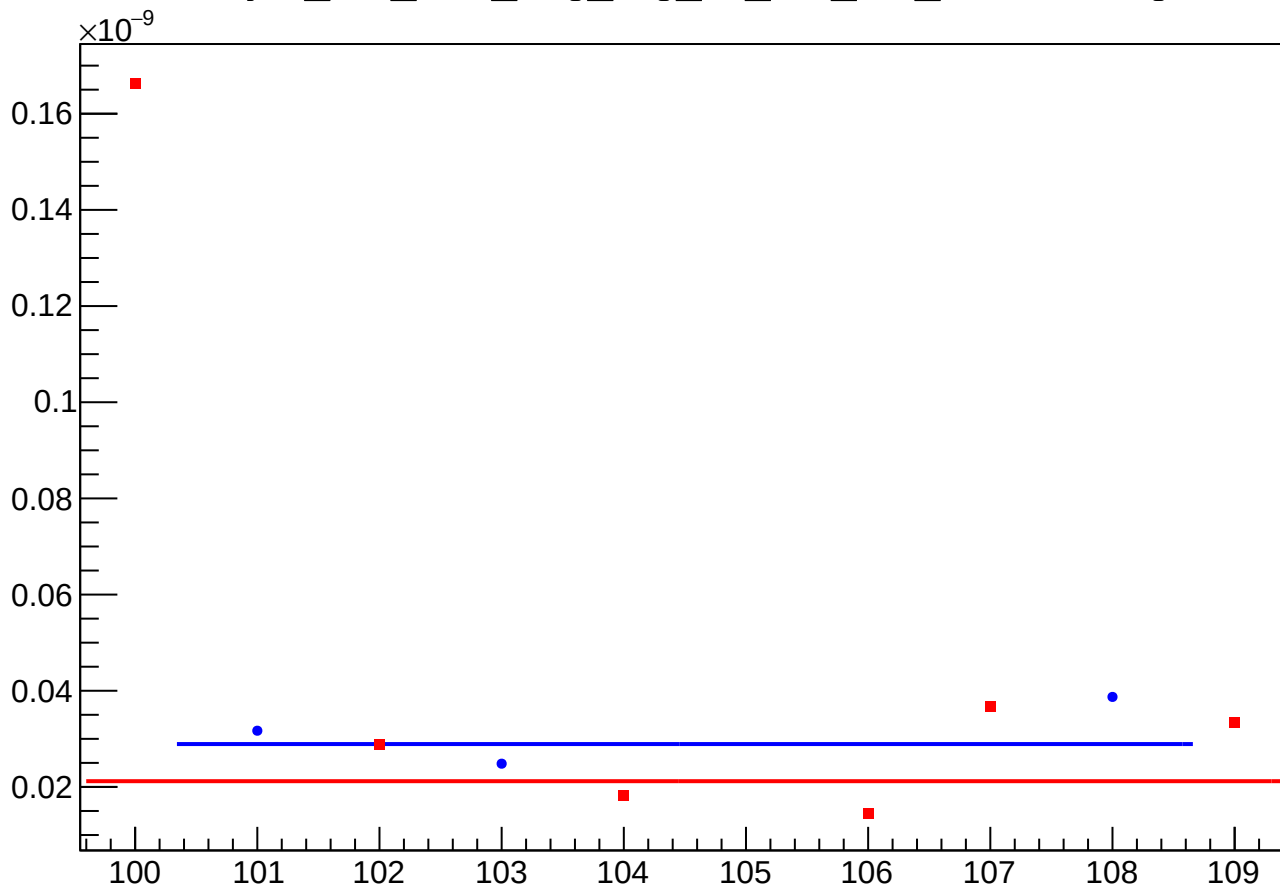
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 49397.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 229764.2/5

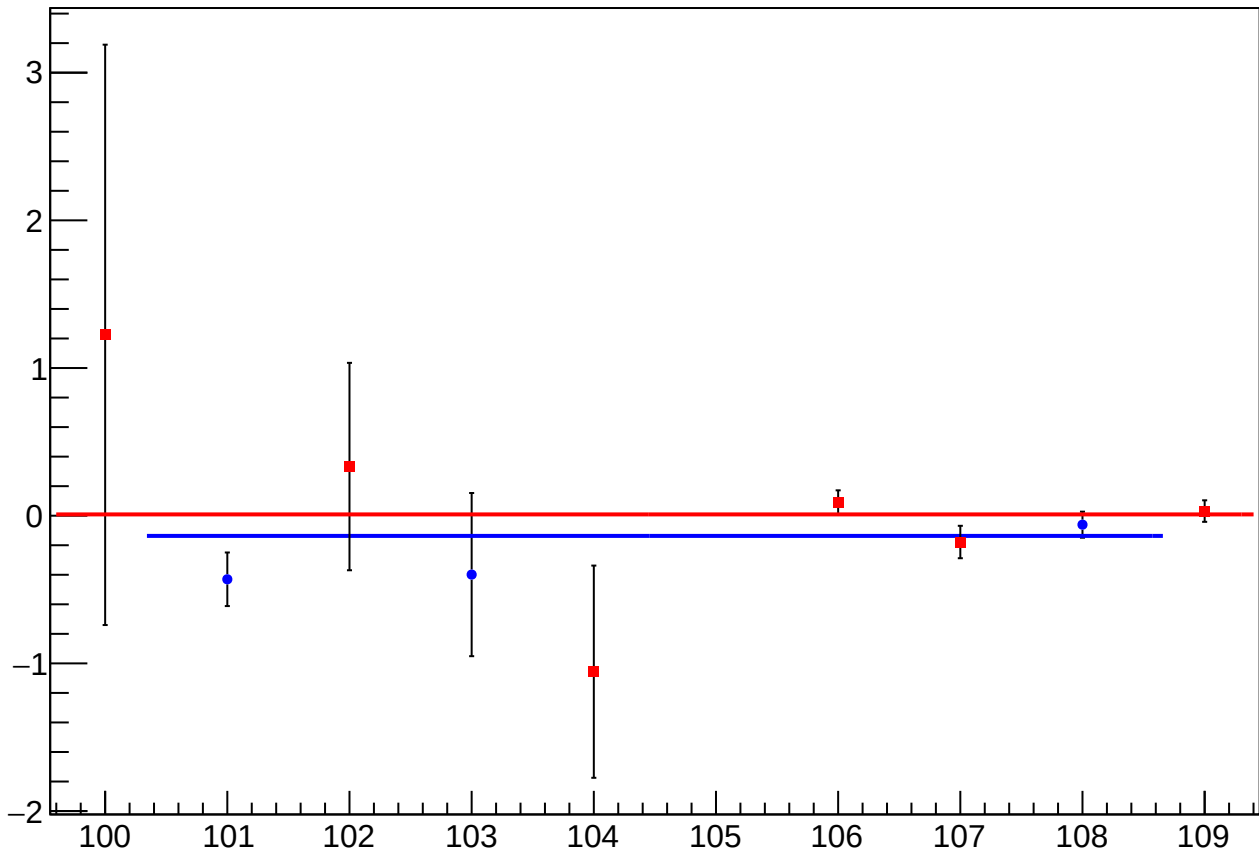
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 353669.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.137 $\pm$ 0.078 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.048 χ^2 /NDF: 6.8/5

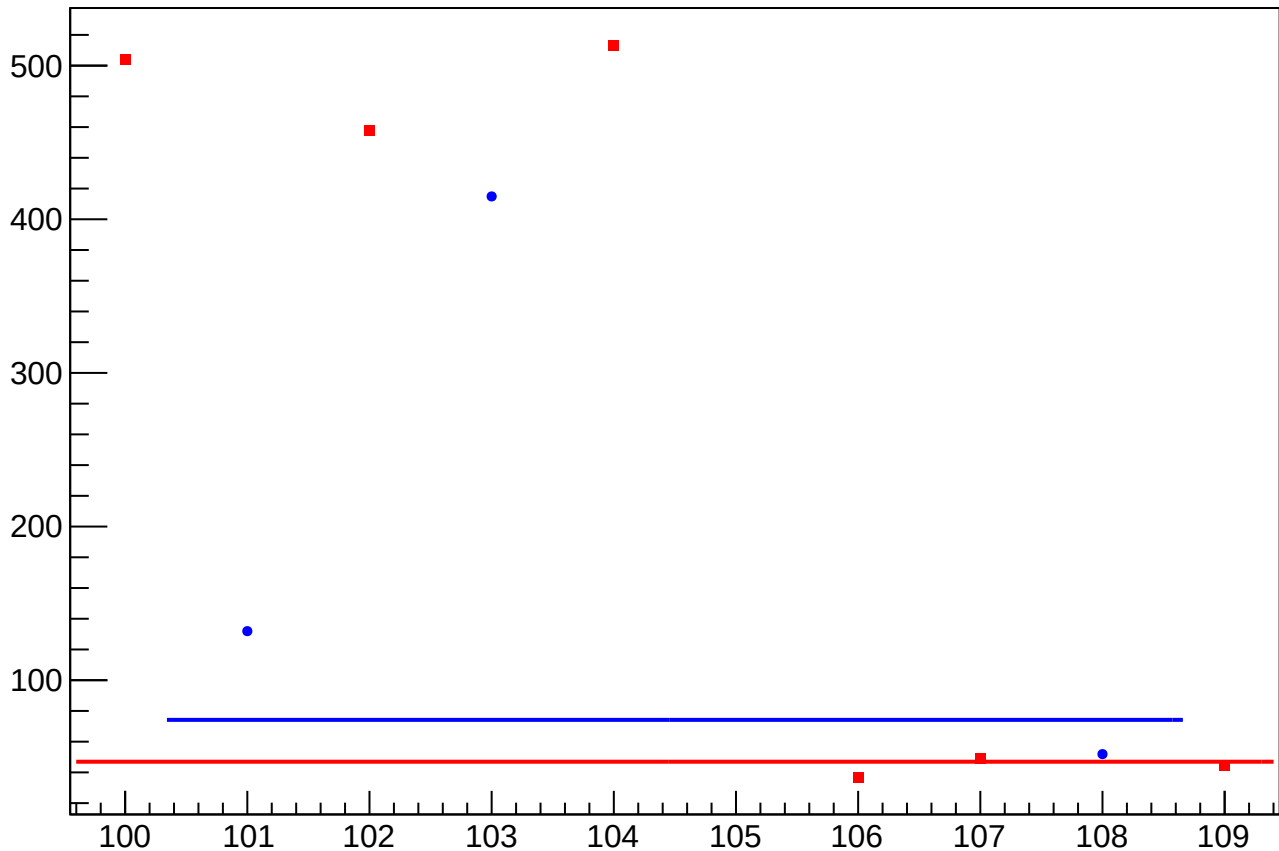
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.031 $\pm$ 0.041 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 74.192+/-0.055 χ^2/NDF : 1091205.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.948+/-0.034 χ^2/NDF : 1671149.2/5

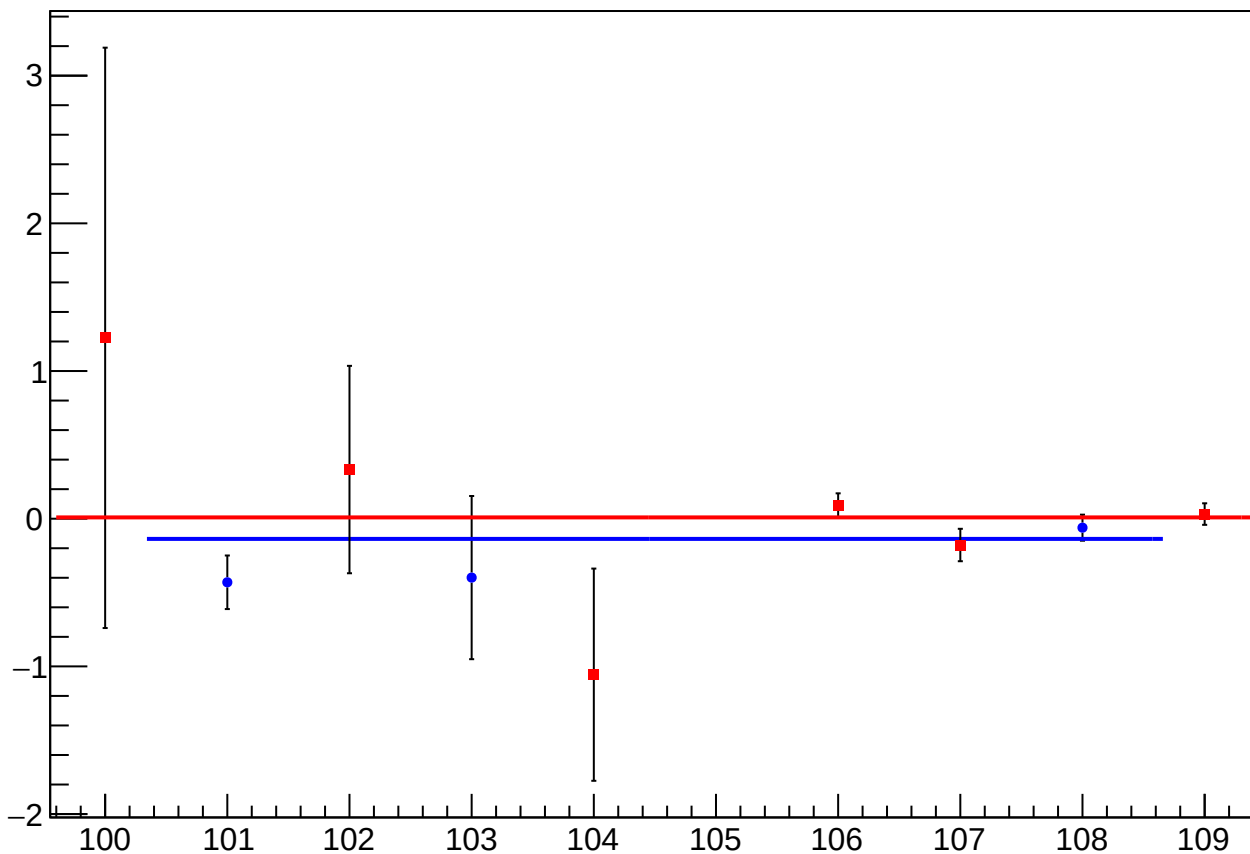
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.461+/-0.029 χ^2/NDF : 2937049.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.137 $\pm$ 0.078 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.048 χ^2 /NDF: 6.8/5

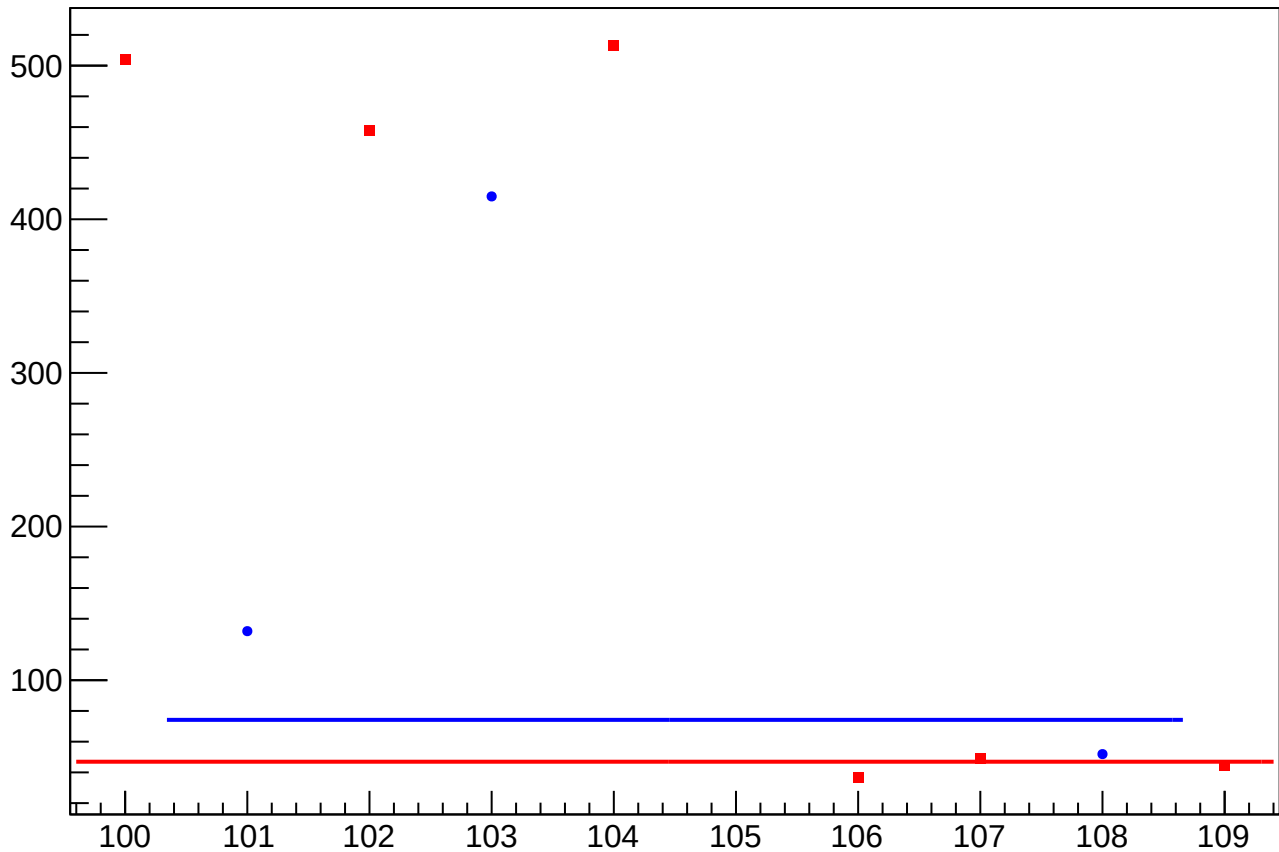
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.031 $\pm$ 0.041 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.192+/-0.055 χ^2 /NDF: 1091205.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 46.948+/-0.034 χ^2 /NDF: 1671149.2/5

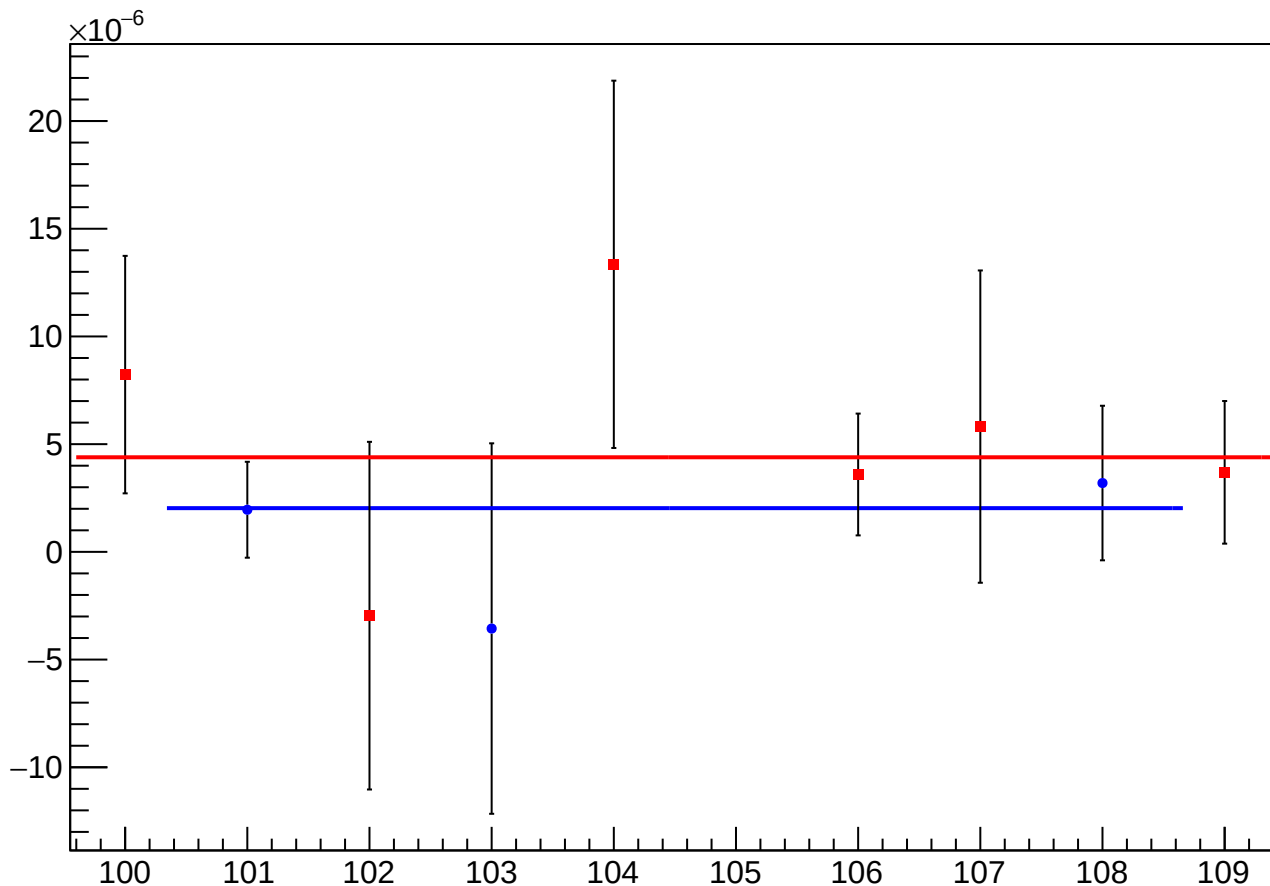
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 54.461+/-0.029 χ^2 /NDF: 2937049.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/5

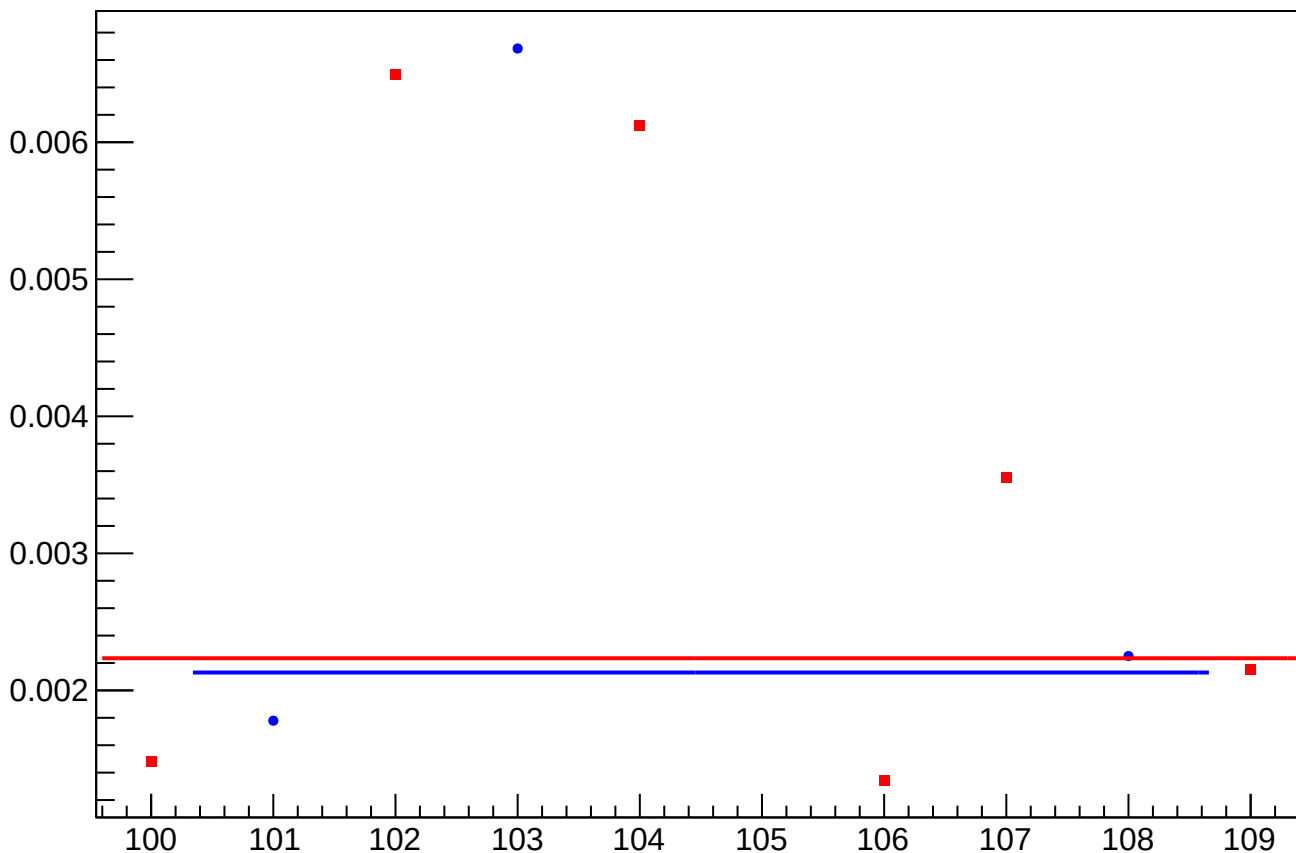
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 612890.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1278178.1/5

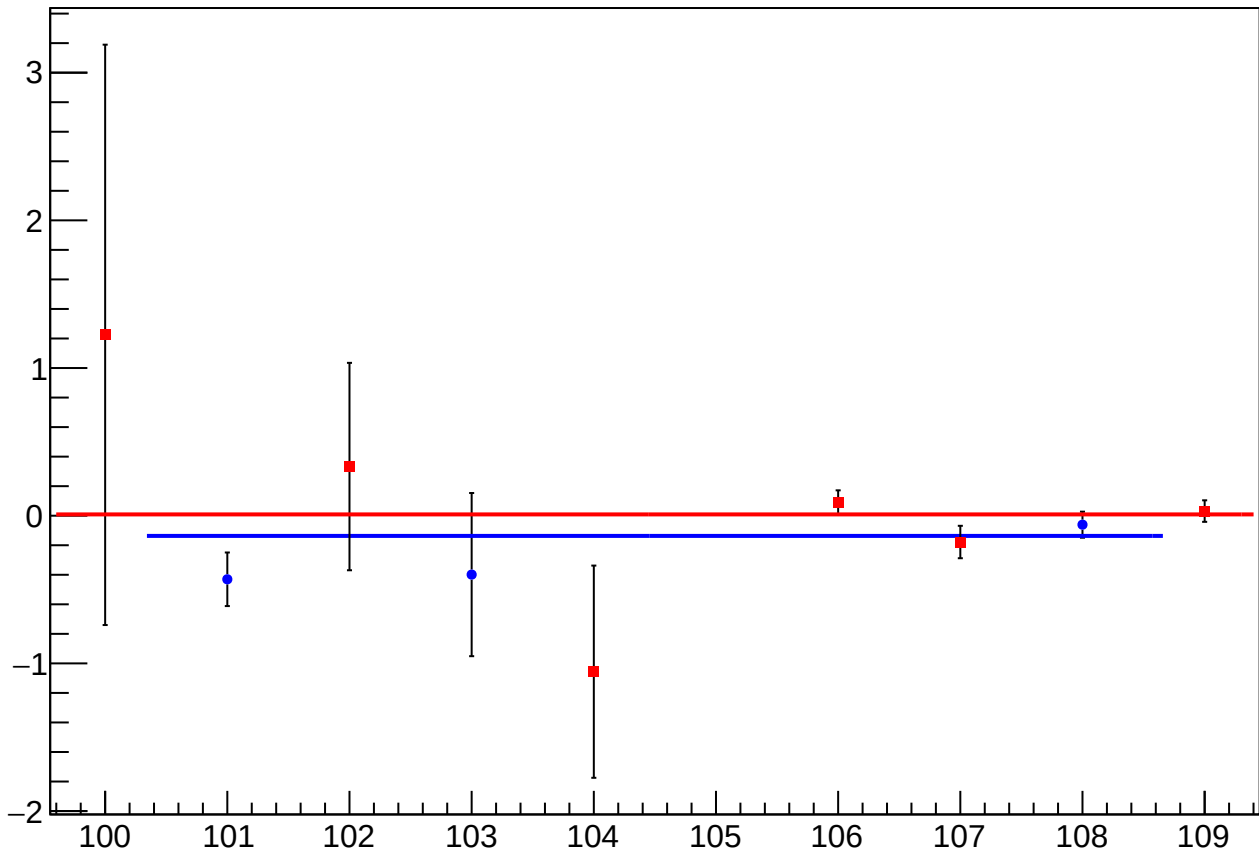
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1894263.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.137 $\pm$ 0.078 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.048 χ^2 /NDF: 6.8/5

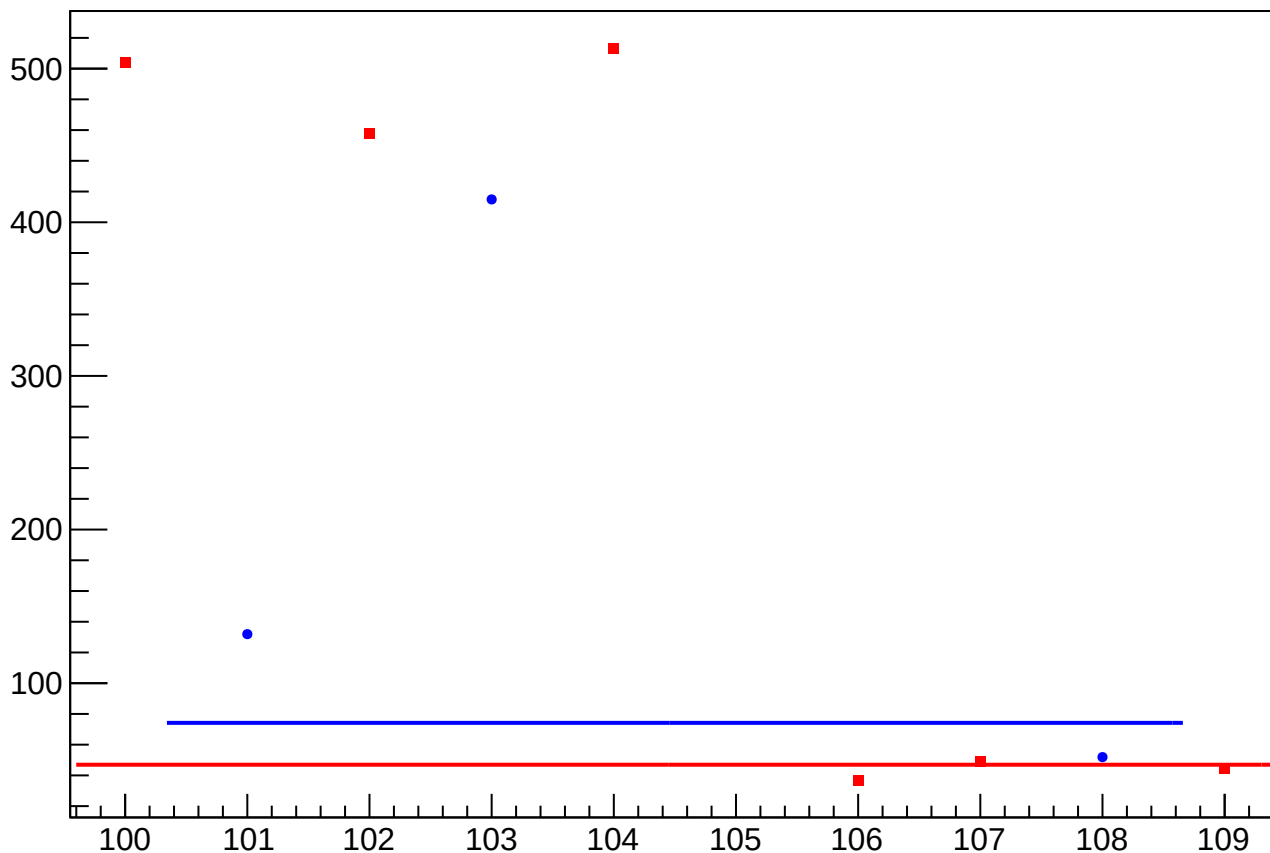
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.031 $\pm$ 0.041 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 74.194+/-0.055 χ^2/NDF : 1091187.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.948+/-0.034 χ^2/NDF : 1671146.6/5

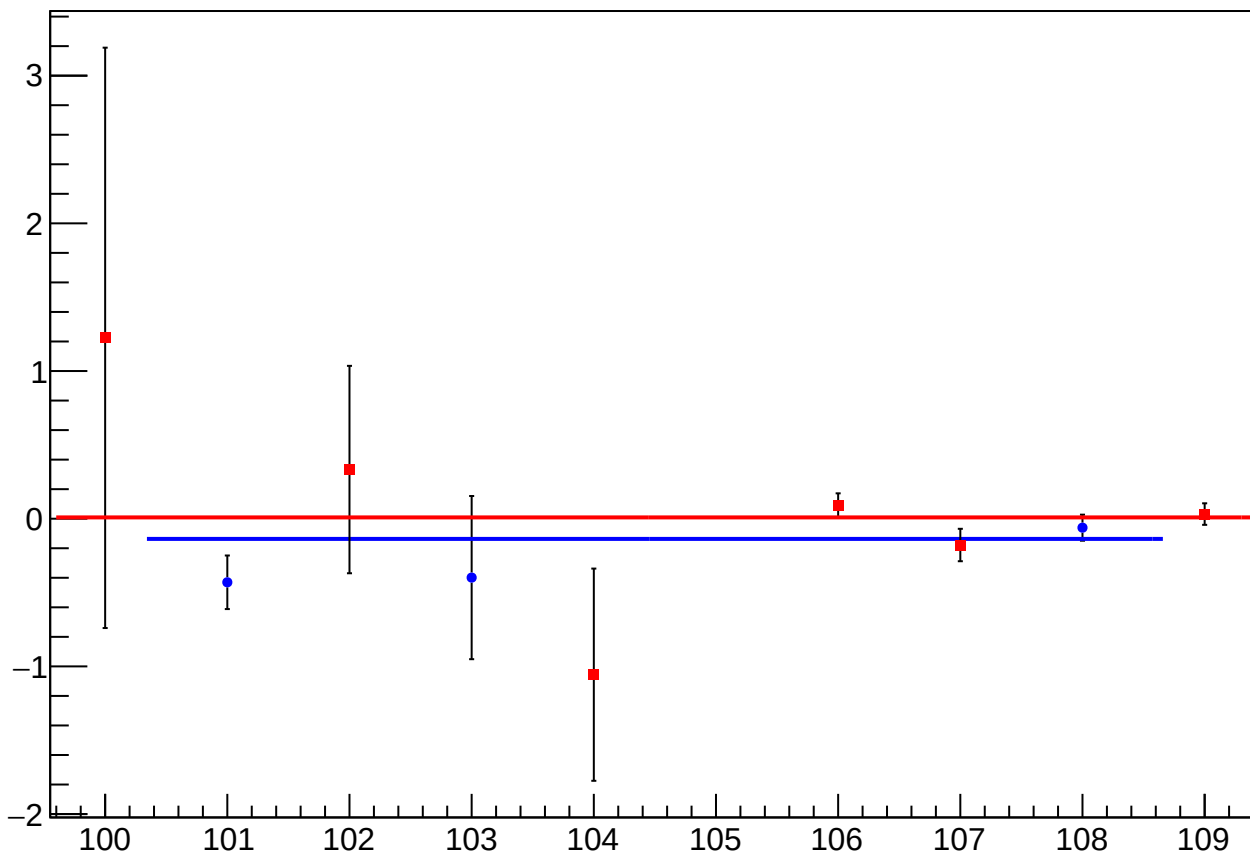
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.461+/-0.029 χ^2/NDF : 2937052.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.137 $\pm$ 0.078 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.009 $\pm$ 0.048 χ^2 /NDF: 6.8/5

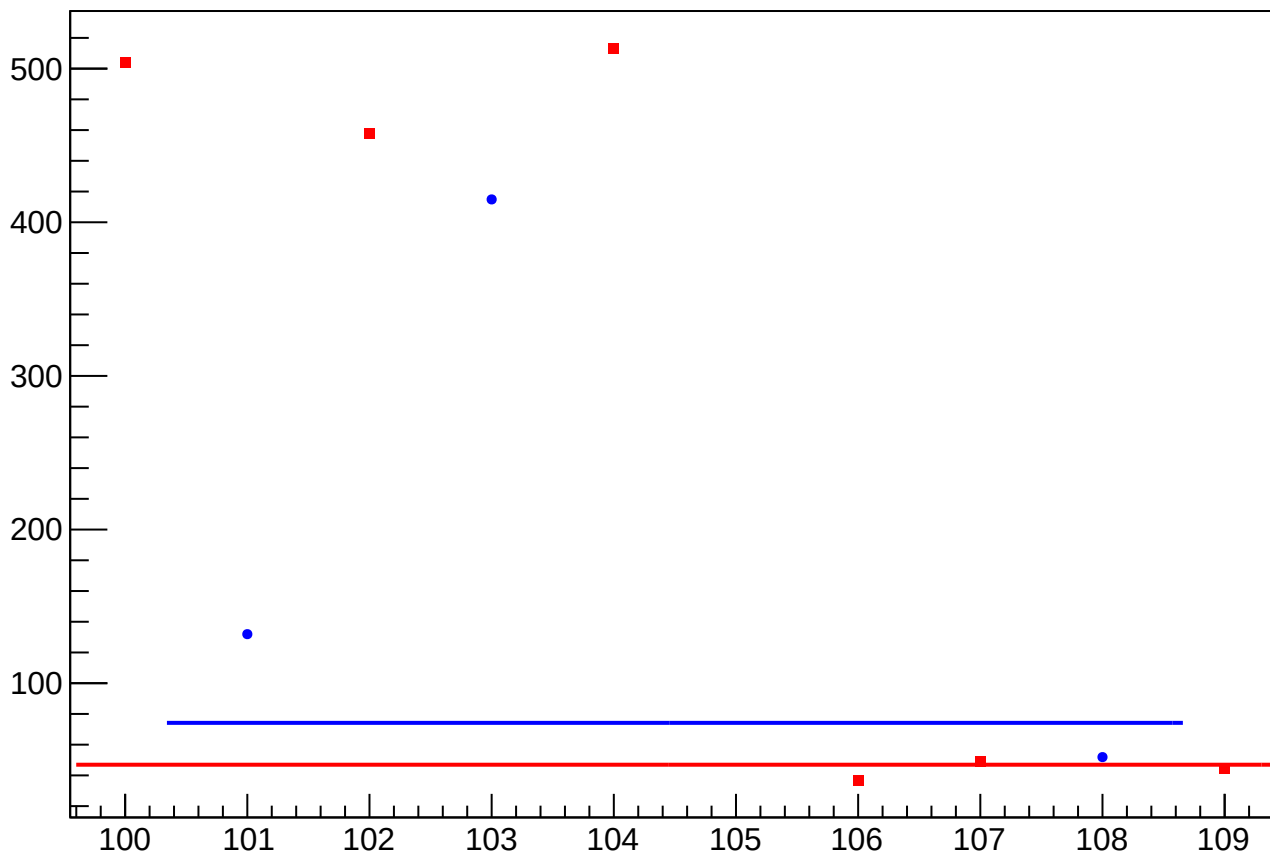
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.031 $\pm$ 0.041 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 74.194+/-0.055 χ^2/NDF : 1091187.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.948+/-0.034 χ^2/NDF : 1671146.6/5

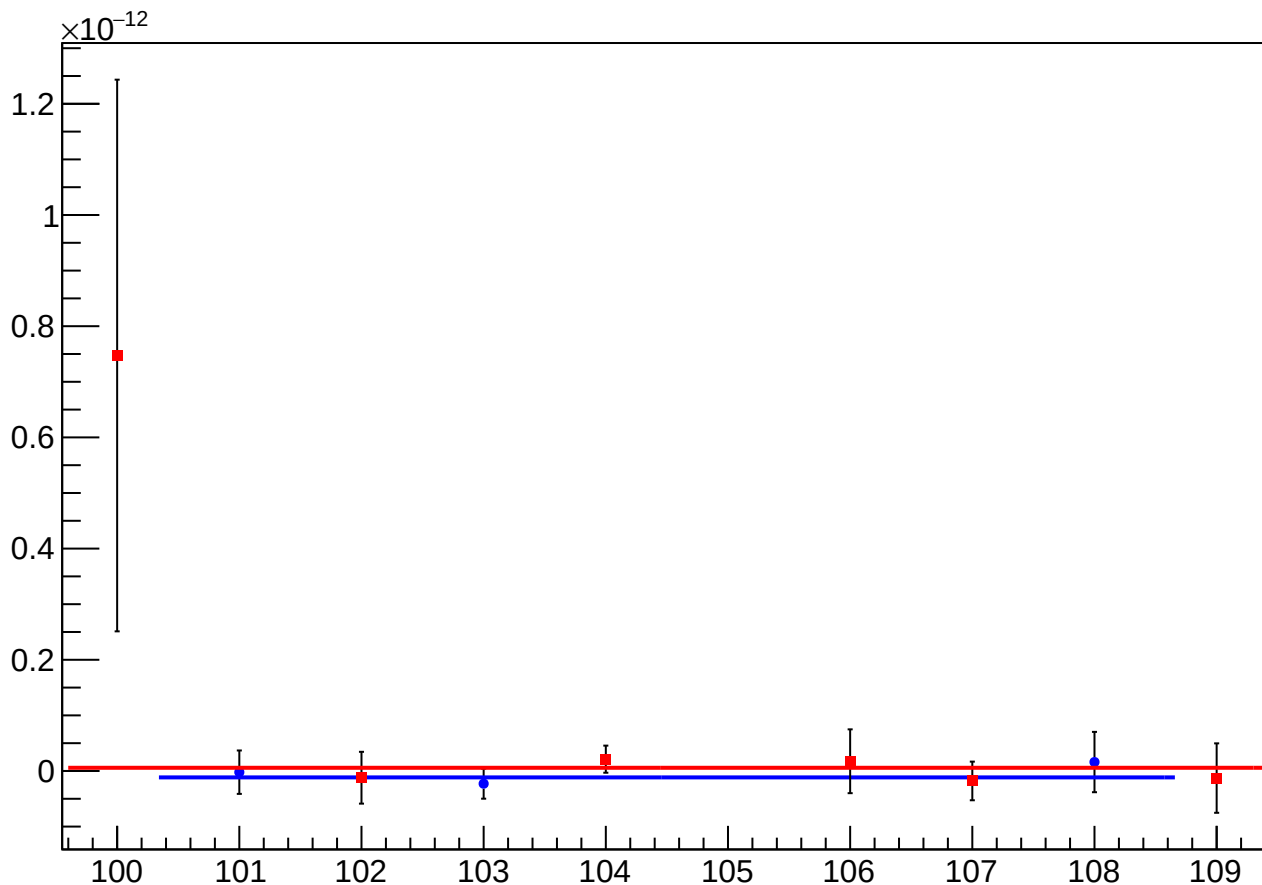
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.461+/-0.029 χ^2/NDF : 2937052.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/5

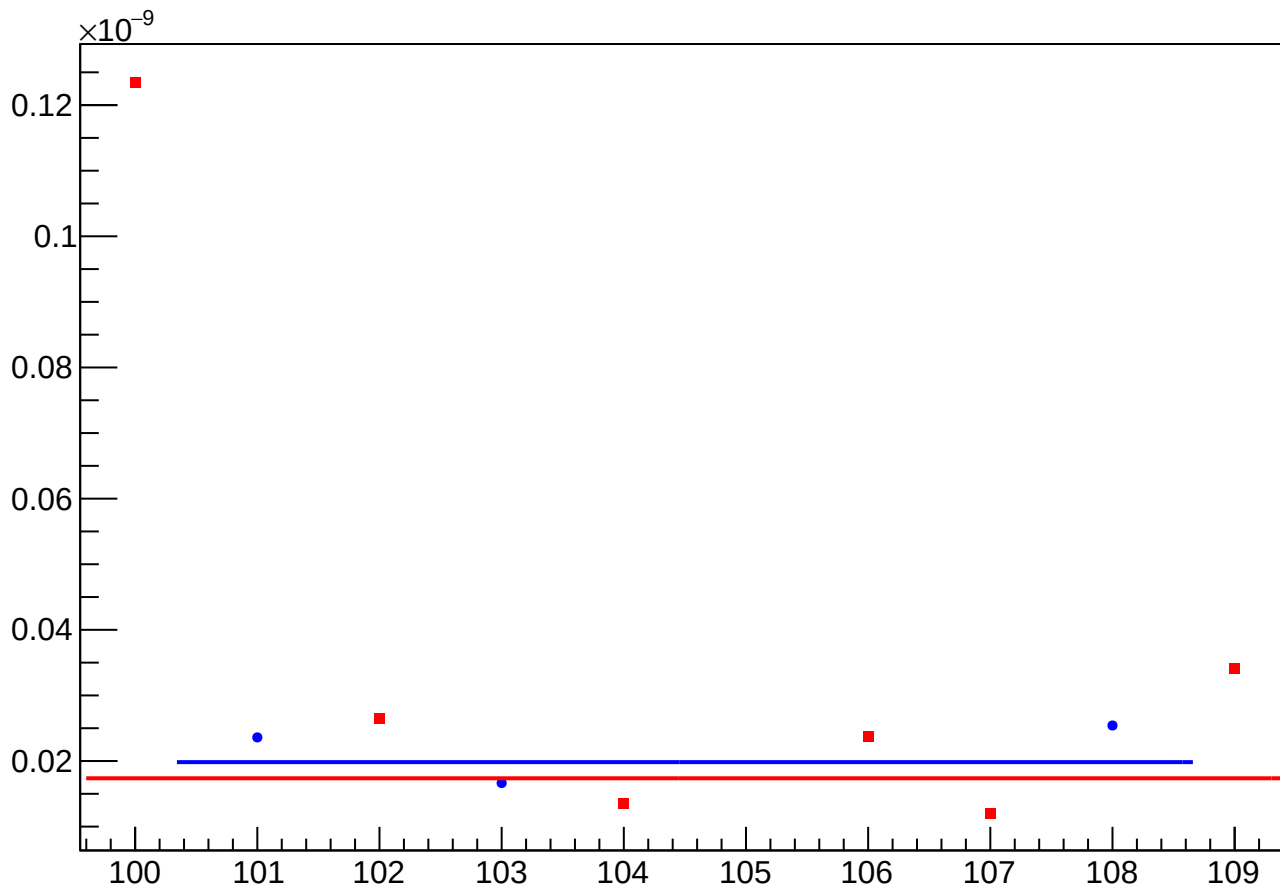
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 67715.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 432684.0/5

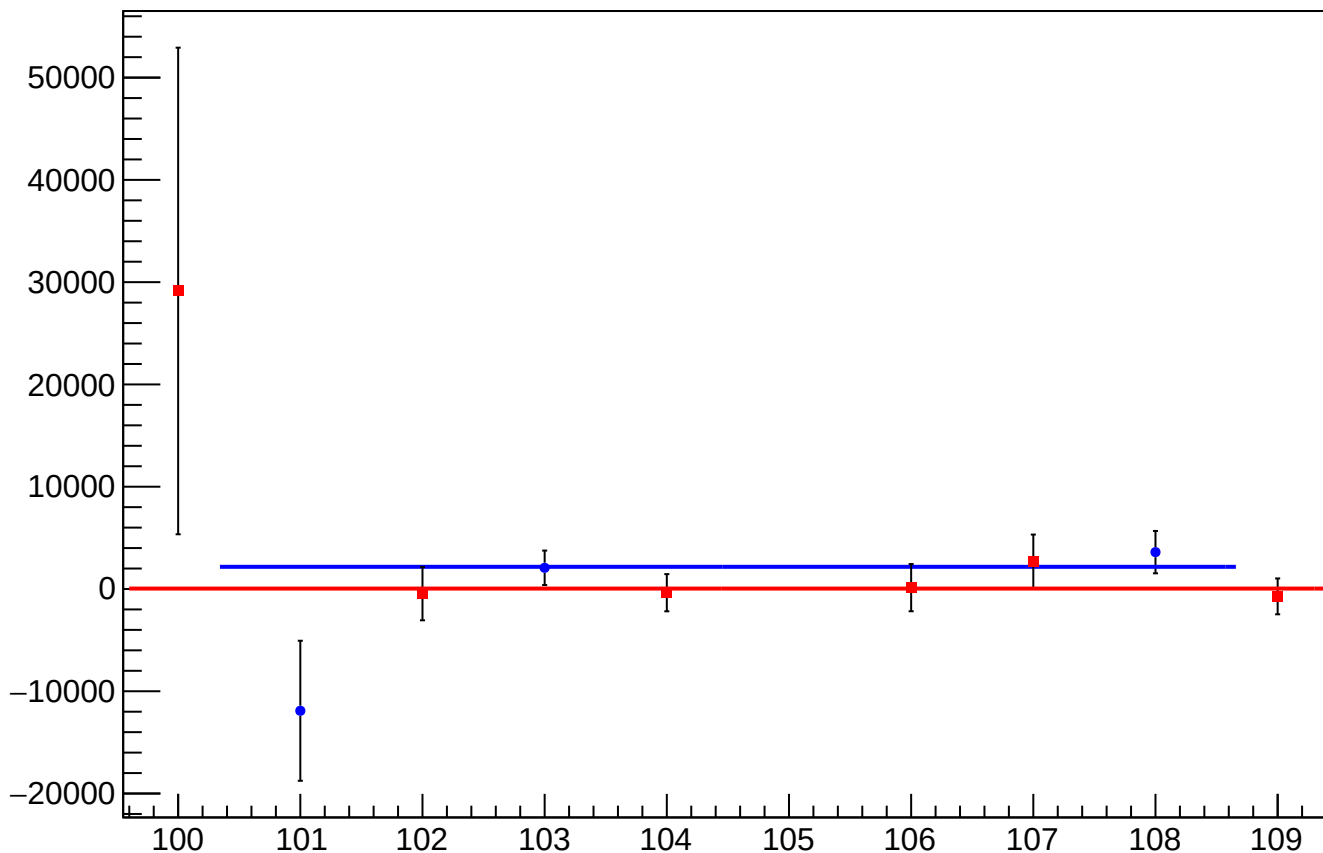
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 517608.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 2166.854+/-1284.385 χ^2/NDF : 4.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.715+/-950.152 χ^2/NDF : 2.8/5

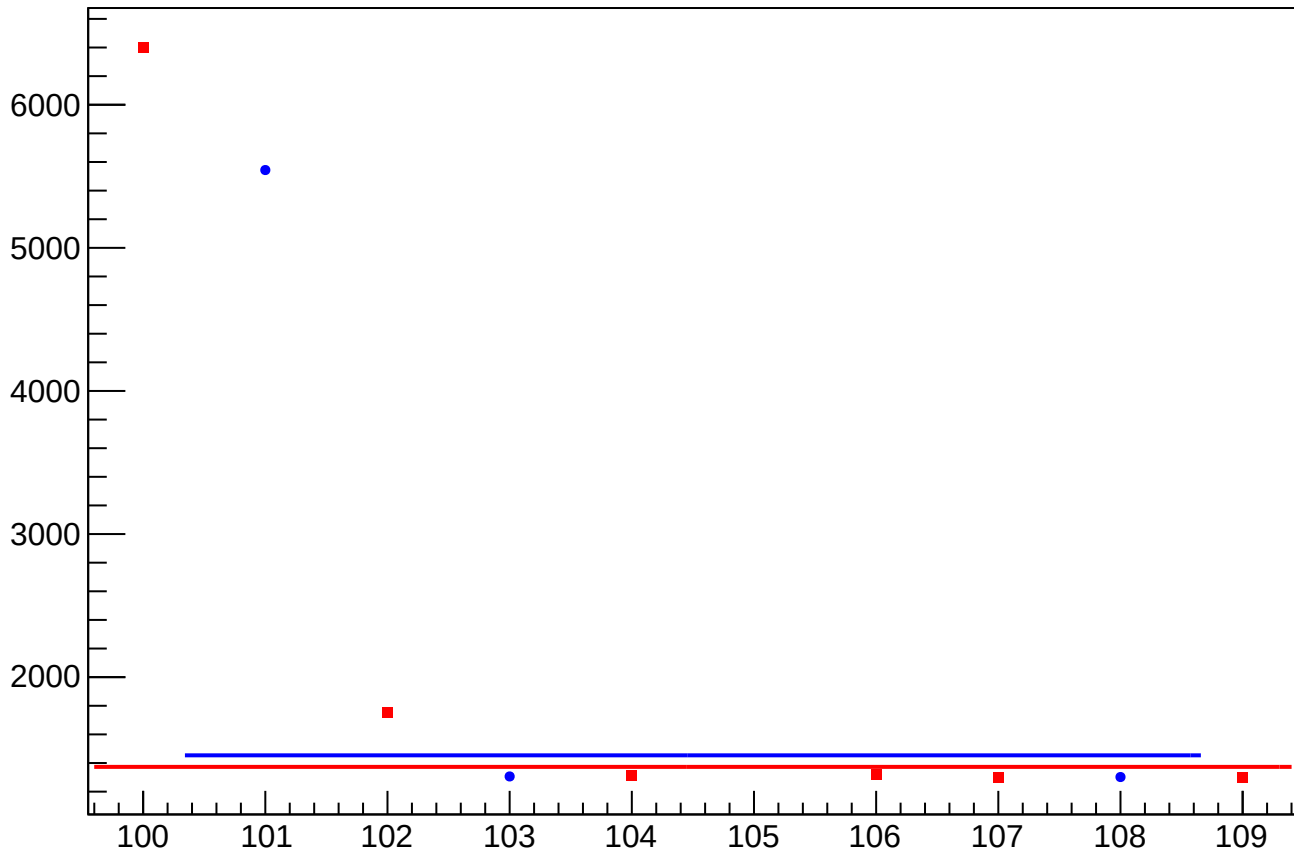
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 792.725+/-763.855 χ^2/NDF : 9.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1453.694 $\pm$ 0.908 χ^2 /NDF: 739702.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1373.007 $\pm$ 0.672 χ^2 /NDF: 140085.5/5

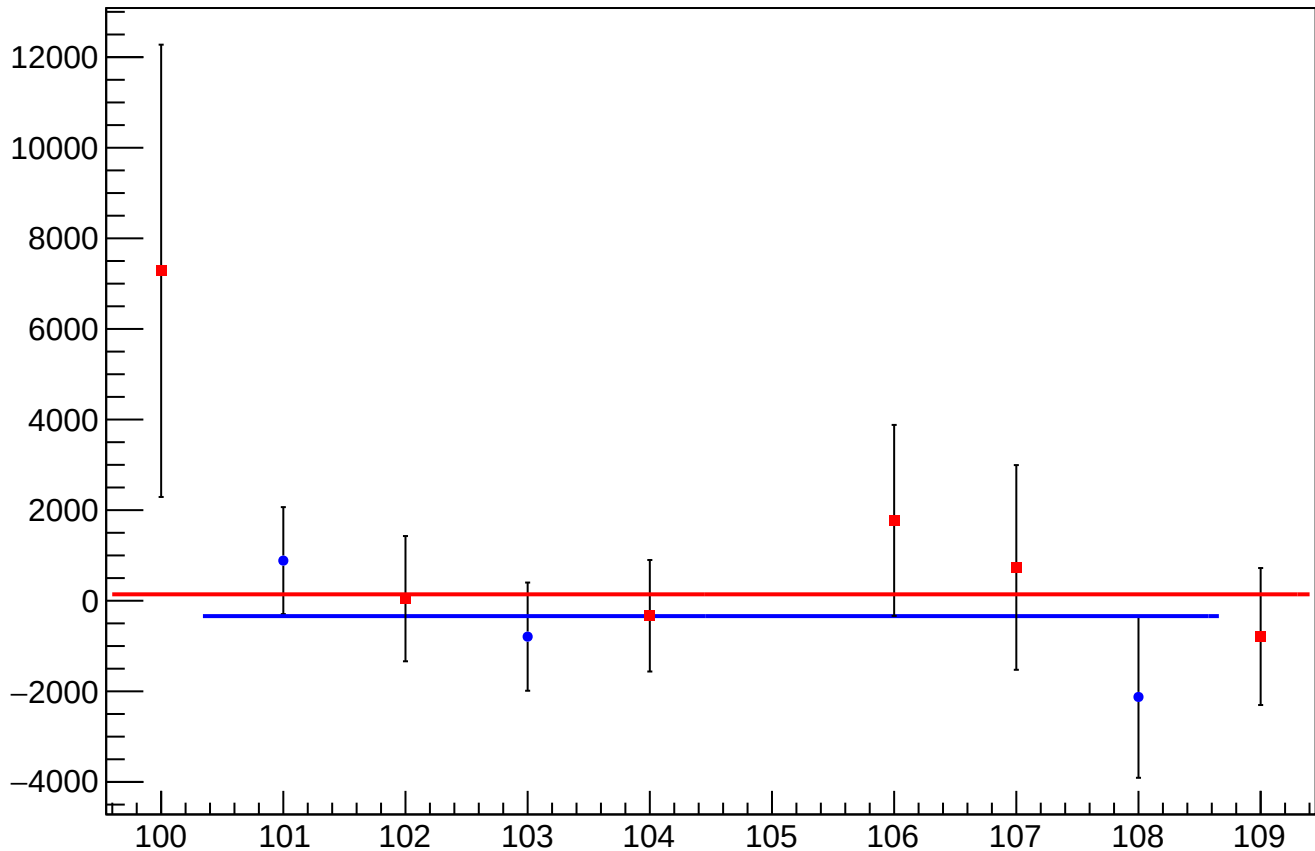
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1401.546 $\pm$ 0.540 χ^2 /NDF: 884889.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: -339.336+/-759.748 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.647+/-693.144 χ^2/NDF : 3.2/5

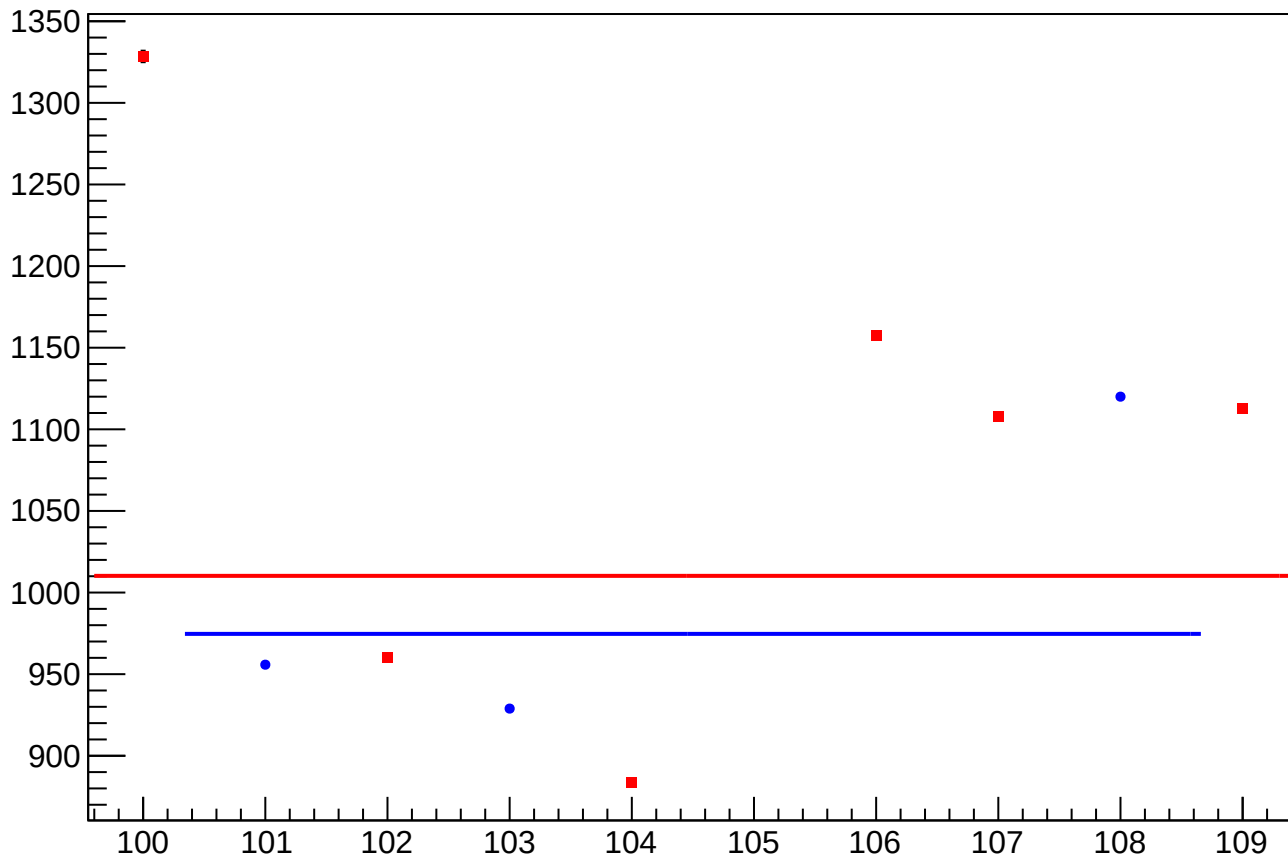
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.841+/-512.058 χ^2/NDF : 5.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 974.679 $\pm$ 0.537 χ^2 /NDF: 16713.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1010.227 $\pm$ 0.490 χ^2 /NDF: 54559.5/5

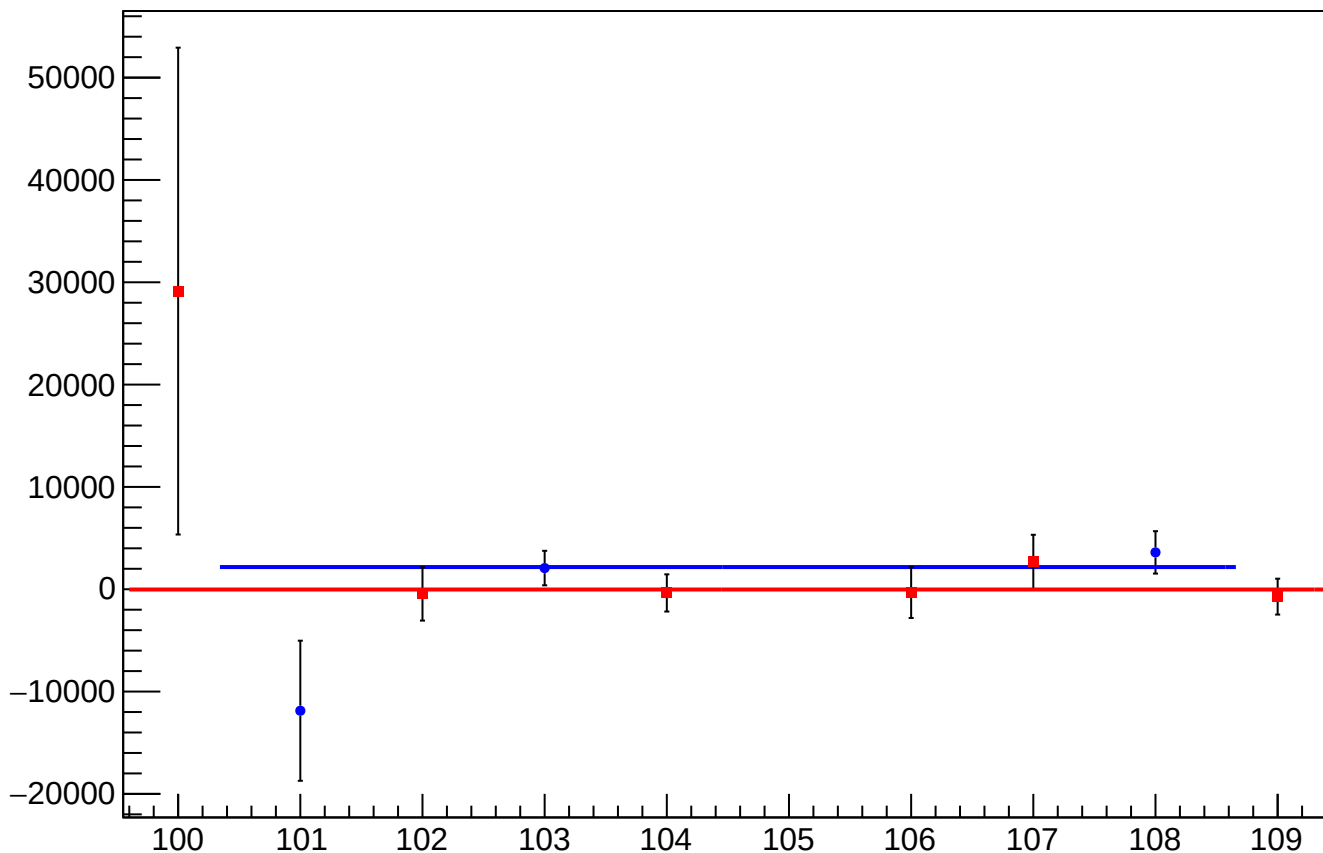
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 994.079 $\pm$ 0.362 χ^2 /NDF: 73662.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_dd_mean vs Slug



Right In: 2167.995 $\pm$ 1284.386 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.089 $\pm$ 961.974 χ^2 /NDF: 2.8/5

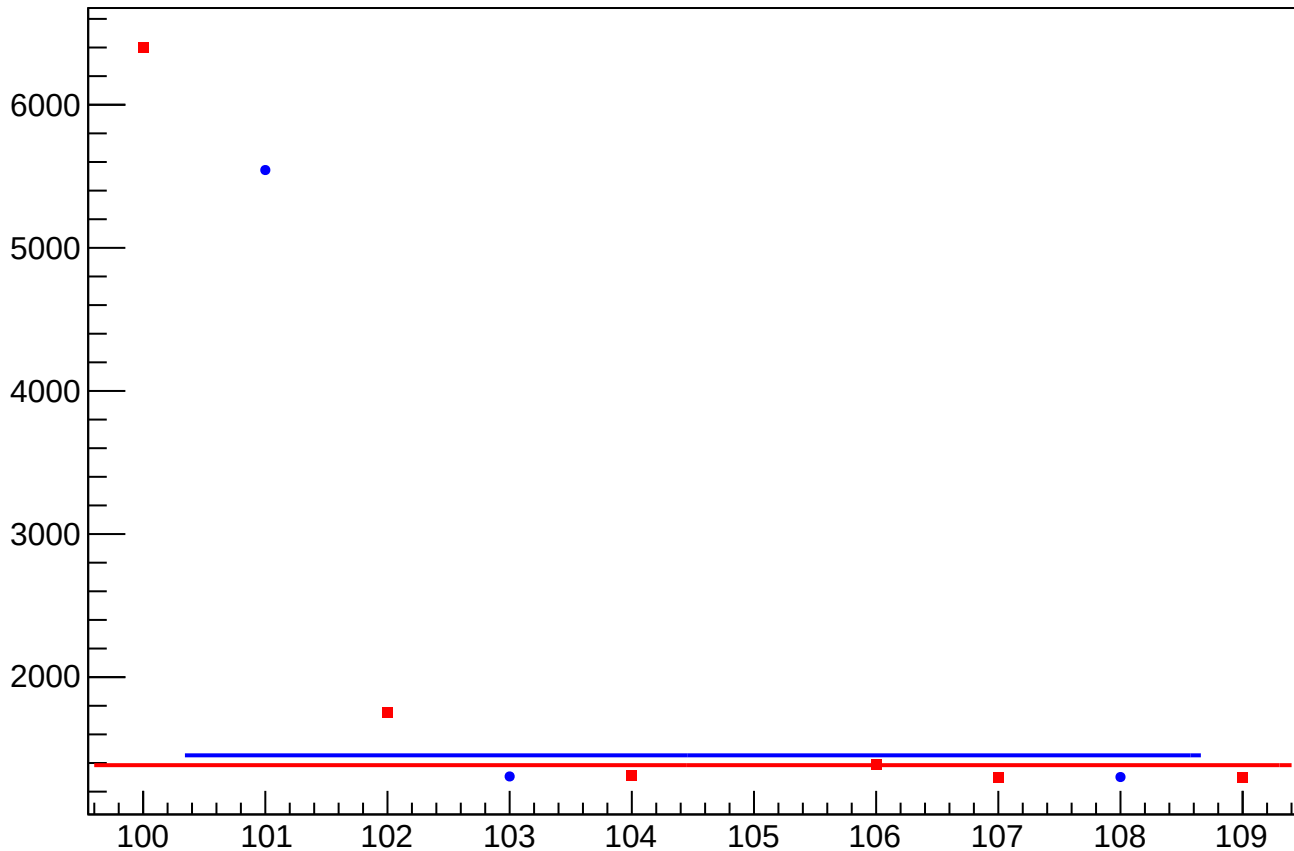
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 762.400 $\pm$ 769.957 χ^2 /NDF: 9.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1453.694 $\pm$ 0.908 χ^2 /NDF: 739701.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1384.993 $\pm$ 0.680 χ^2 /NDF: 138698.6/5

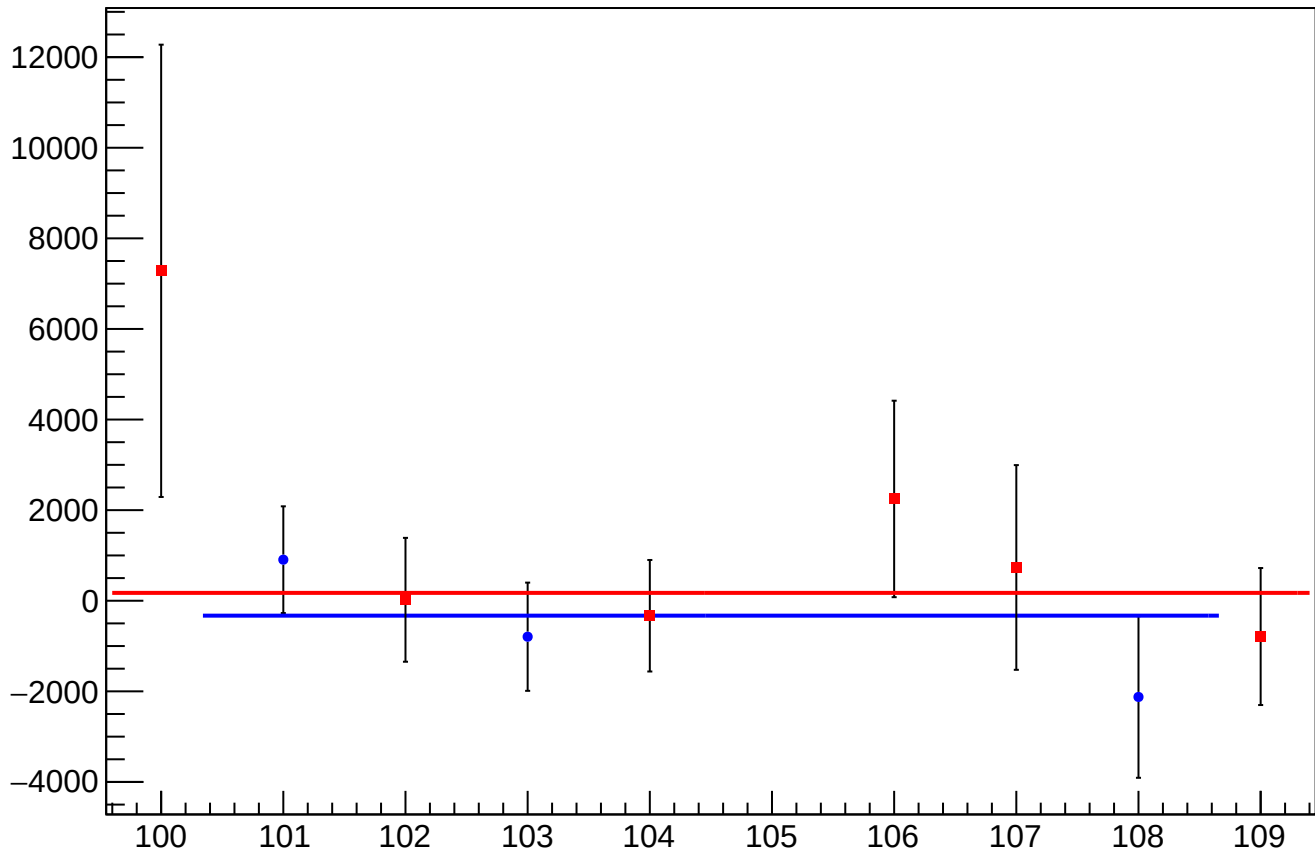
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1409.682 $\pm$ 0.544 χ^2 /NDF: 882065.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: -329.100+/-759.106 χ^2 /NDF: 2.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 173.516+/-693.217 χ^2 /NDF: 3.6/5

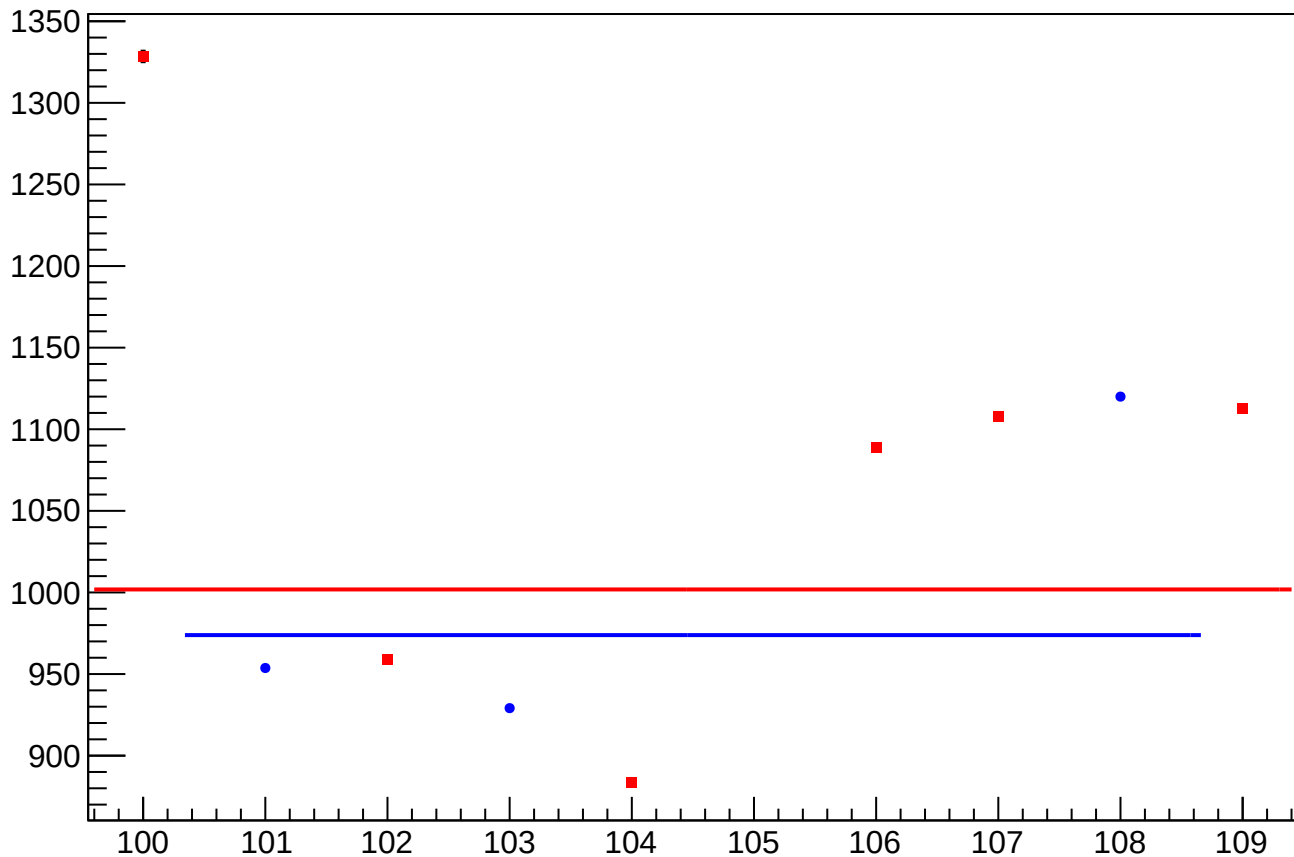
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -55.036+/-511.890 χ^2 /NDF: 6.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_cor_correction_rms vs Slug



Right In: 973.864 $\pm$ 0.537 χ^2 /NDF: 16804.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1001.836 $\pm$ 0.490 χ^2 /NDF: 47322.7/5

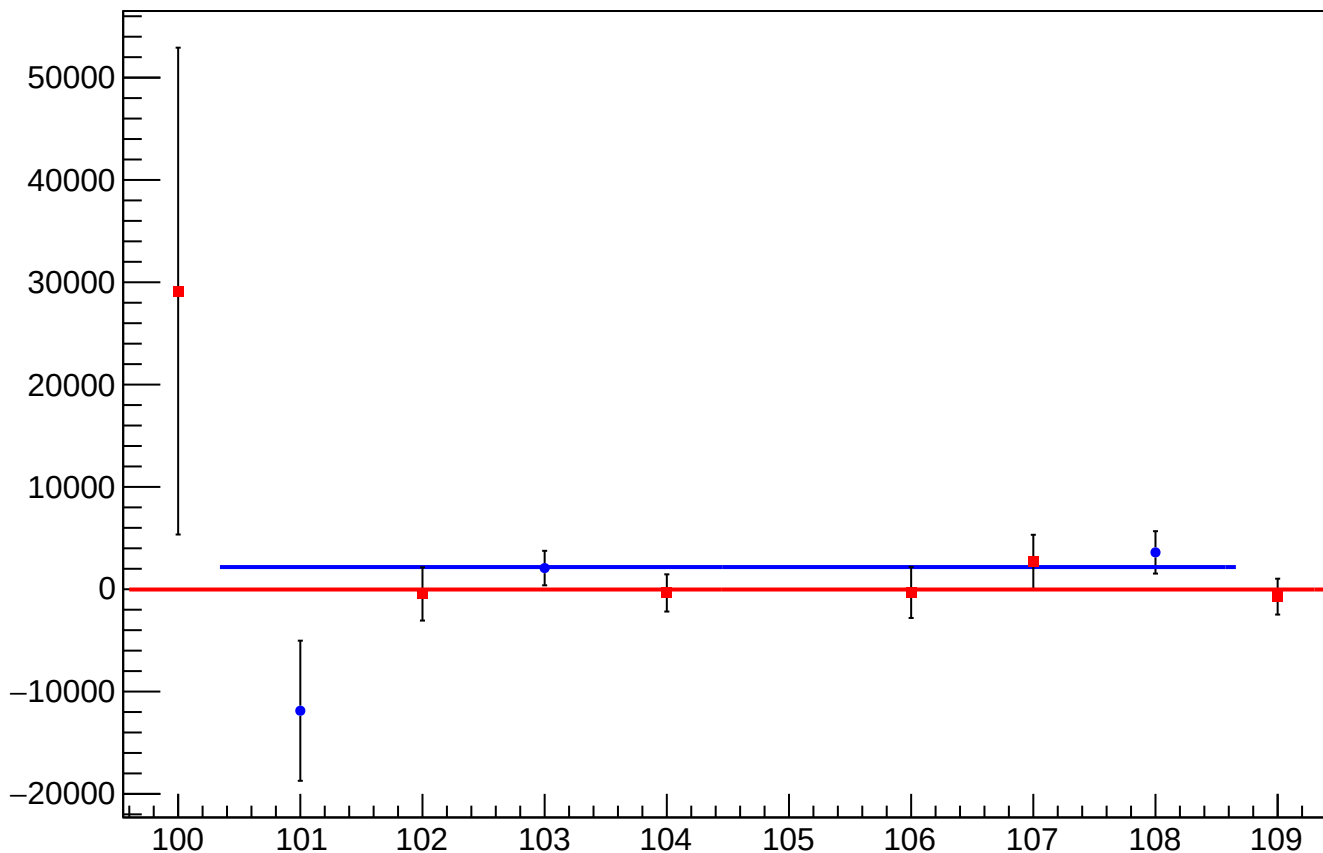
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 989.117 $\pm$ 0.362 χ^2 /NDF: 65607.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 2167.995 $\pm$ 1284.386 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -26.089 $\pm$ 961.974 χ^2 /NDF: 2.8/5

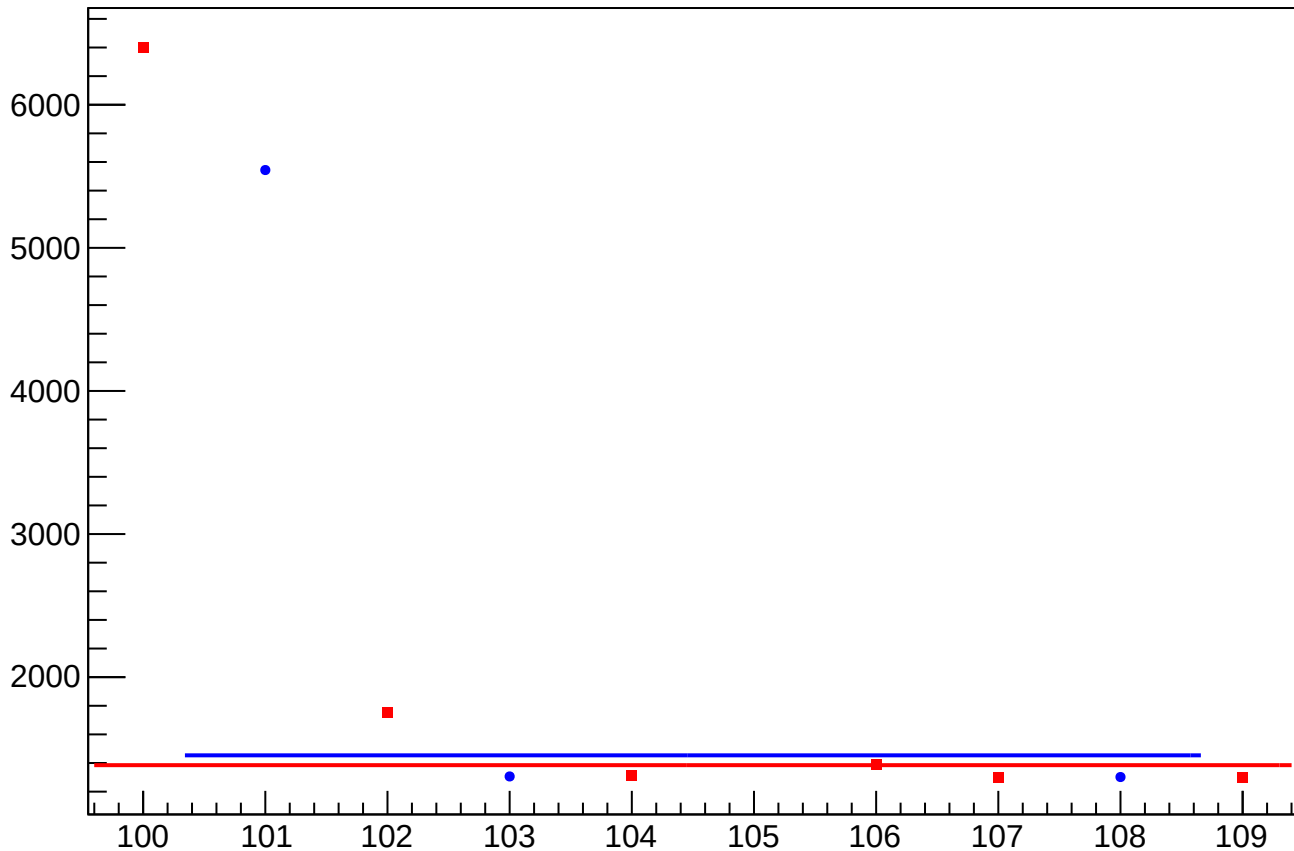
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 762.400 $\pm$ 769.957 χ^2 /NDF: 9.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1453.694 $\pm$ 0.908 χ^2 /NDF: 739701.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1384.993 $\pm$ 0.680 χ^2 /NDF: 138698.6/5

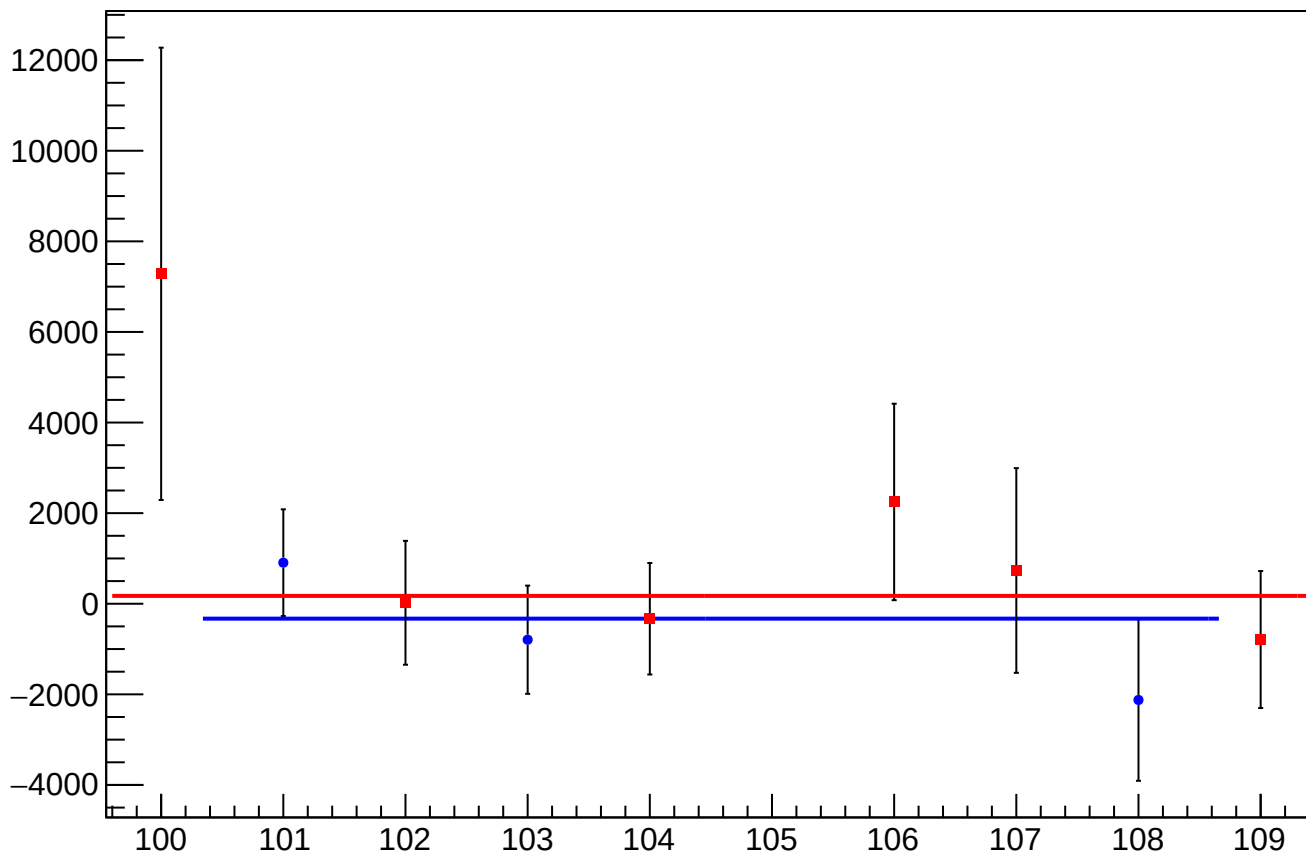
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1409.682 $\pm$ 0.544 χ^2 /NDF: 882065.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug



Right In: -329.100+/-759.106 χ^2 /NDF: 2.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 173.516+/-693.217 χ^2 /NDF: 3.6/5

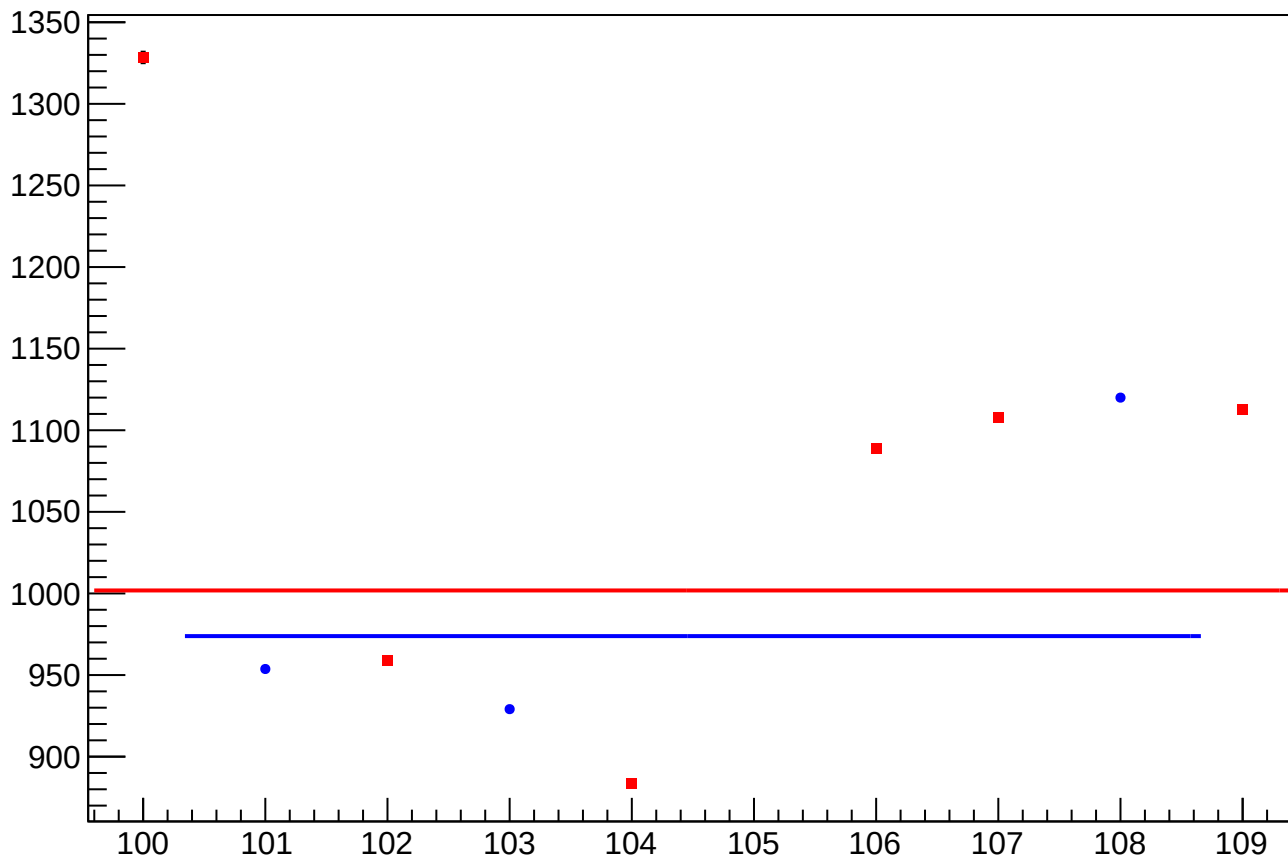
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -55.036+/-511.890 χ^2 /NDF: 6.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug



Right In: 973.864+/-0.537 χ^2/NDF : 16804.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1001.836+/-0.490 χ^2/NDF : 47322.7/5

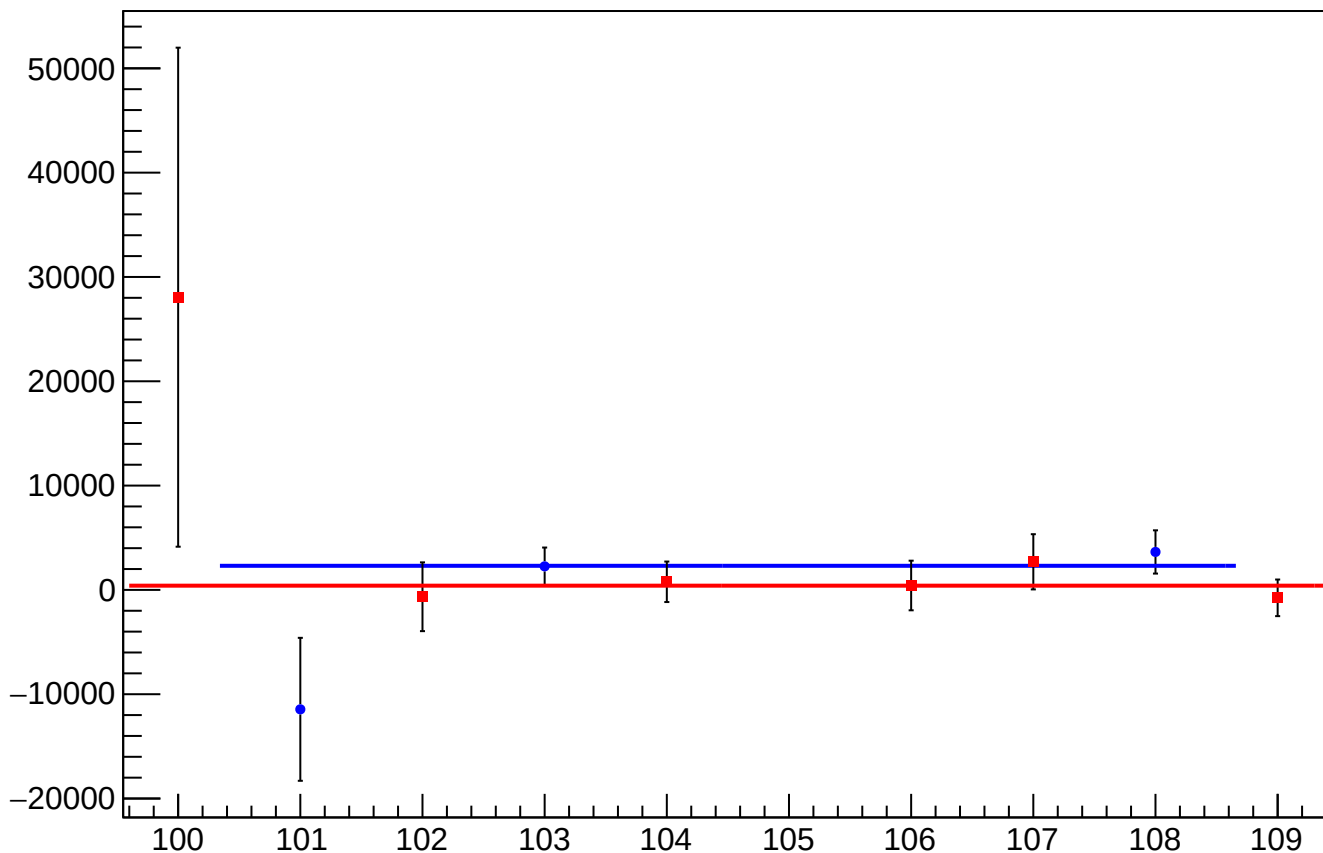
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 989.117+/-0.362 χ^2/NDF : 65607.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_mean vs Slug



Right In: 2310.519+/-1333.767 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 405.575+/-998.177 χ^2/NDF : 2.7/5

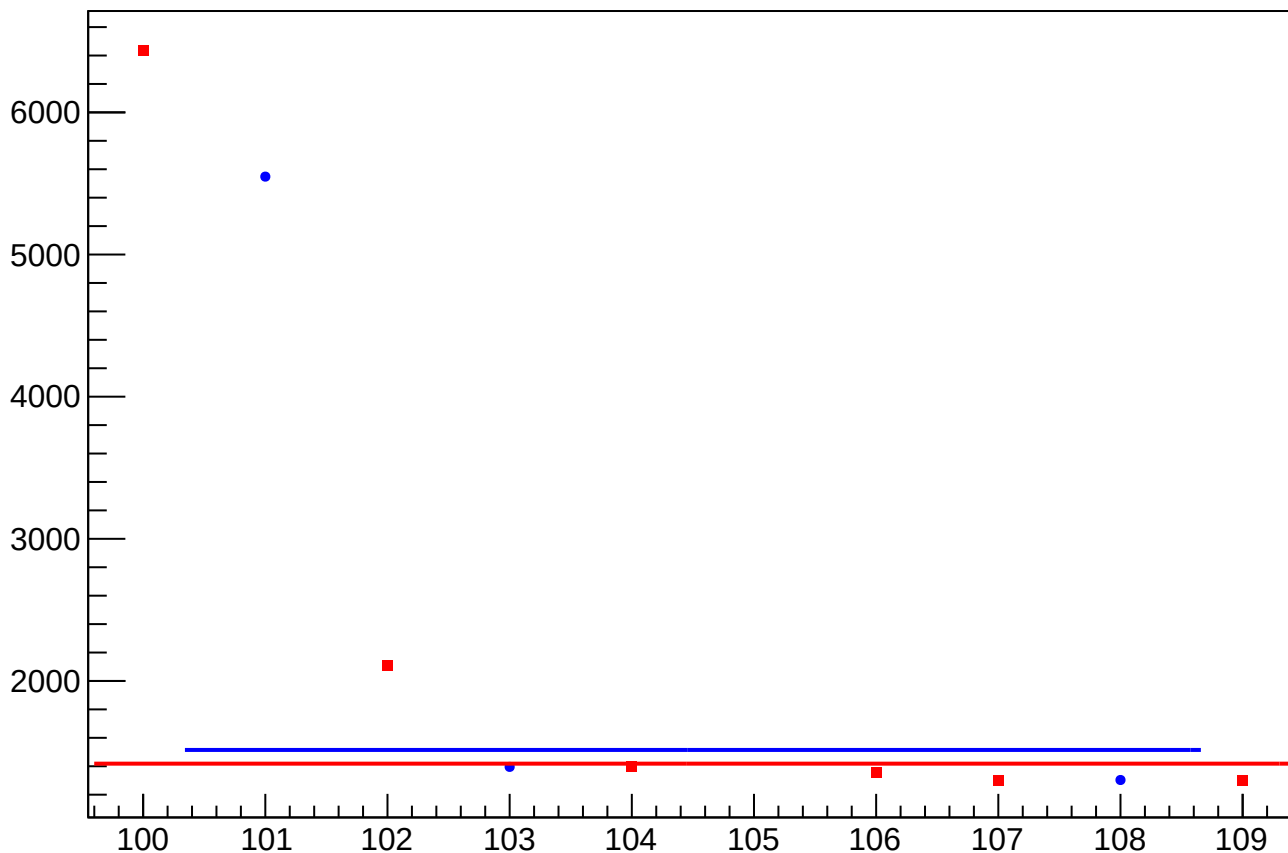
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1089.468+/-799.159 χ^2/NDF : 8.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1514.714+/-0.943 χ^2/NDF : 722483.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1418.281+/-0.706 χ^2/NDF : 190966.7/5

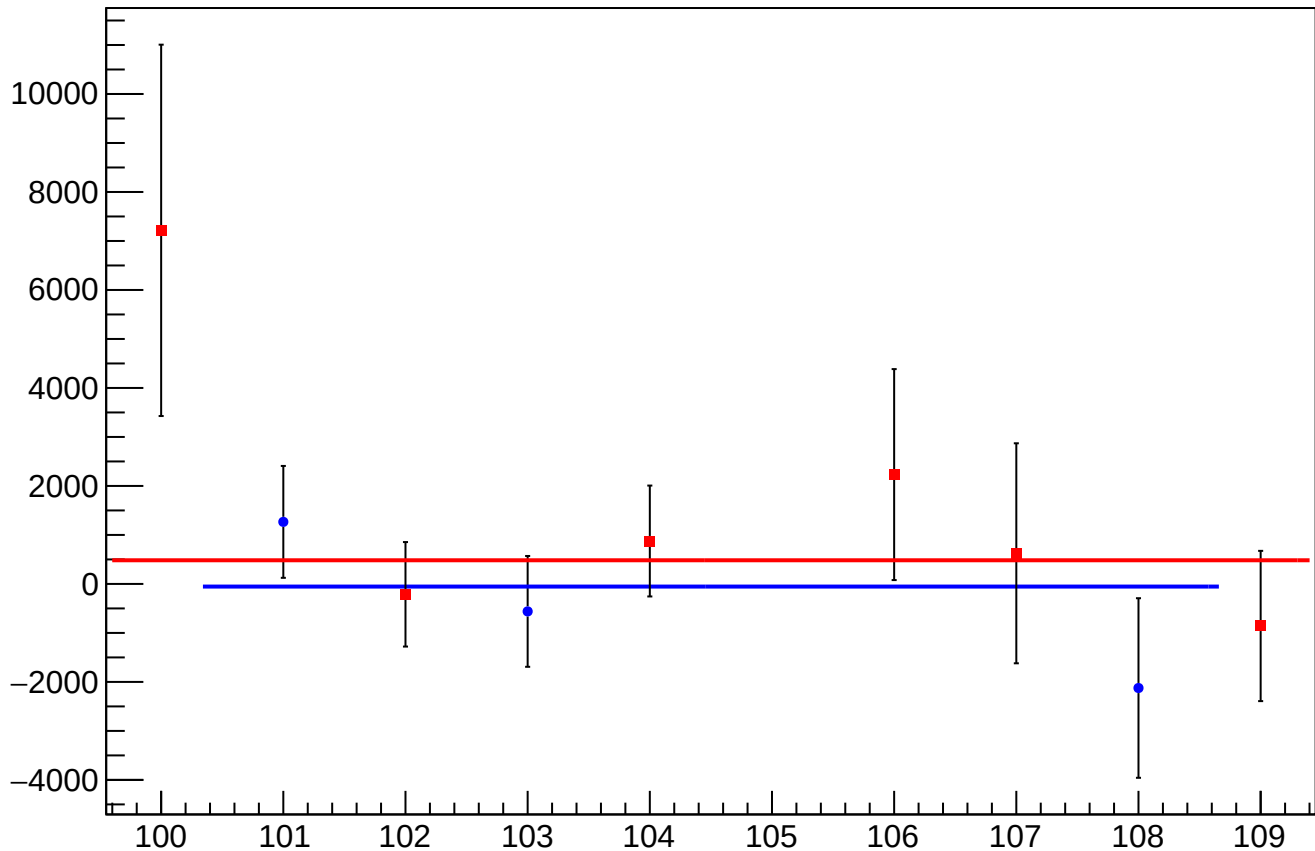
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1452.901+/-0.565 χ^2/NDF : 920151.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: -53.839+/-735.931 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.825+/-623.884 χ^2/NDF : 5.1/5

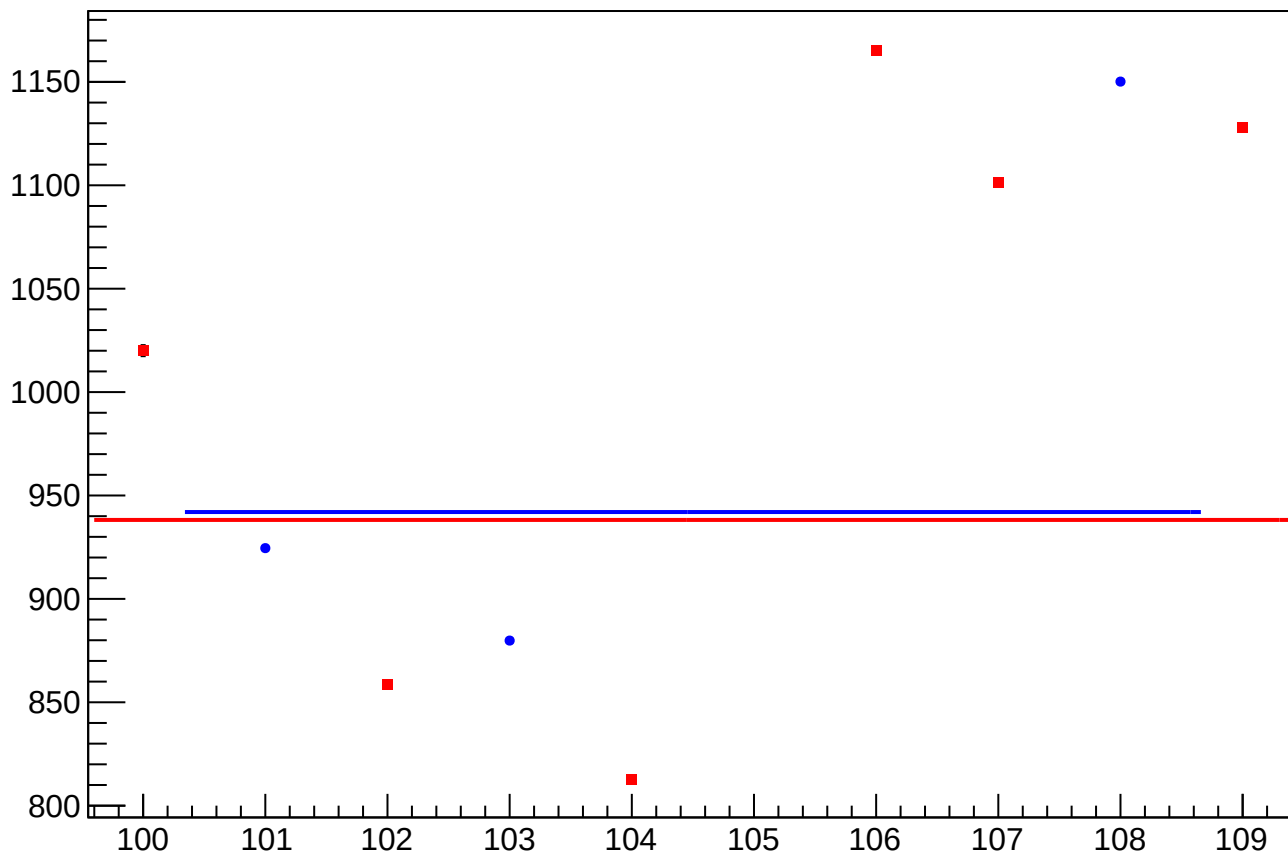
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 258.415+/-475.890 χ^2/NDF : 8.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 941.998 $\pm$ 0.520 χ^2 /NDF: 32307.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 938.180 $\pm$ 0.441 χ^2 /NDF: 99951.8/5

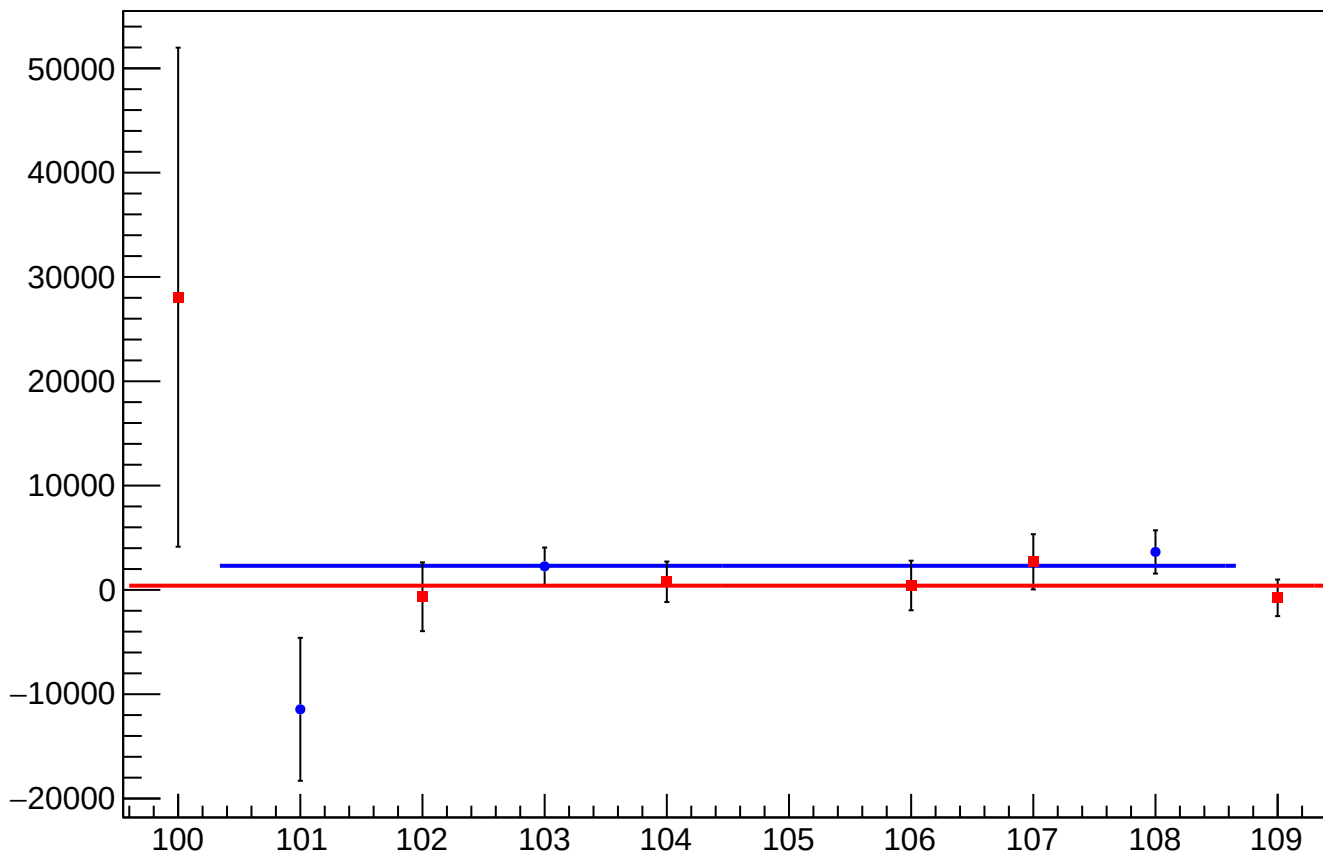
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 939.777 $\pm$ 0.337 χ^2 /NDF: 132290.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_dd_mean vs Slug



Right In: 2310.518 $\pm$ 1333.767 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 405.575 $\pm$ 998.176 χ^2 /NDF: 2.7/5

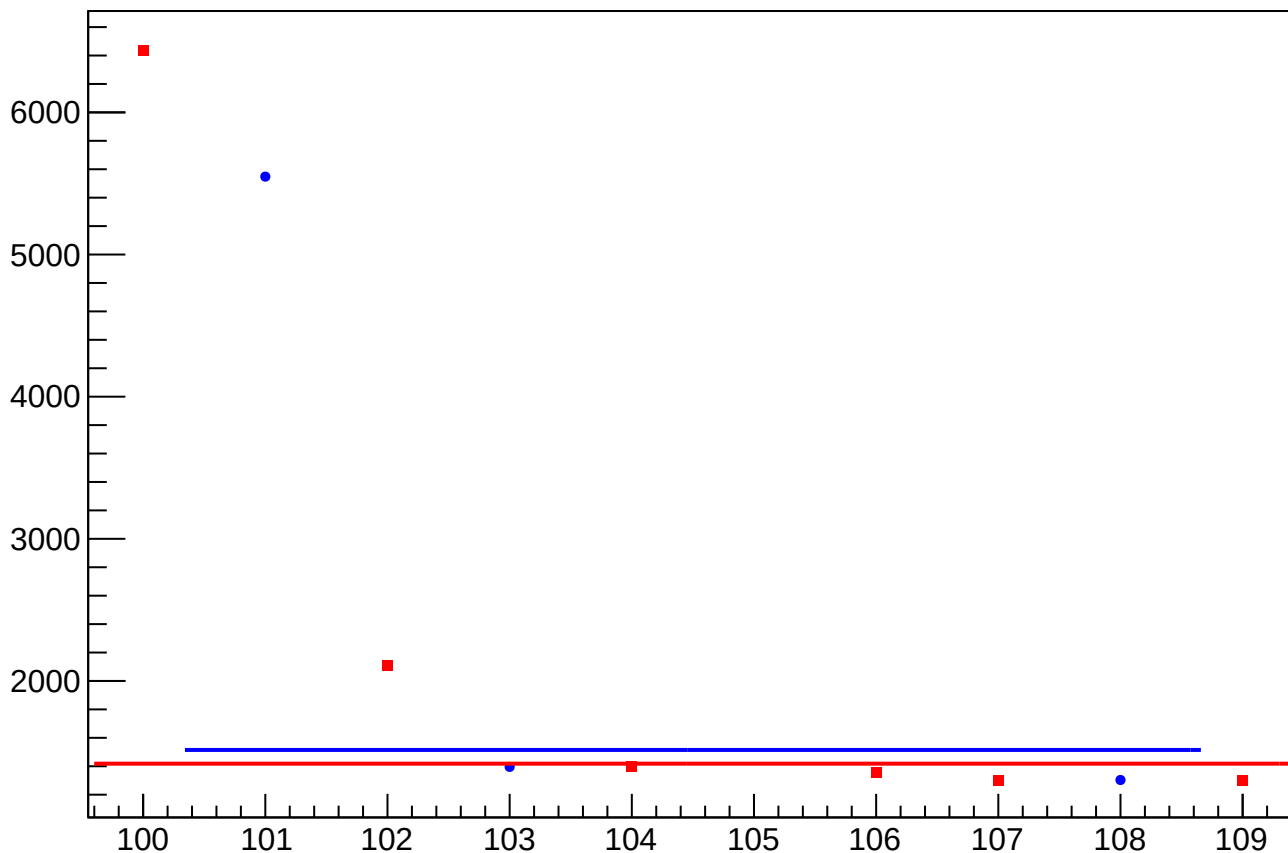
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1089.468 $\pm$ 799.159 χ^2 /NDF: 8.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1514.714 $\pm$ 0.943 χ^2 /NDF: 722483.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1418.281 $\pm$ 0.706 χ^2 /NDF: 190966.6/5

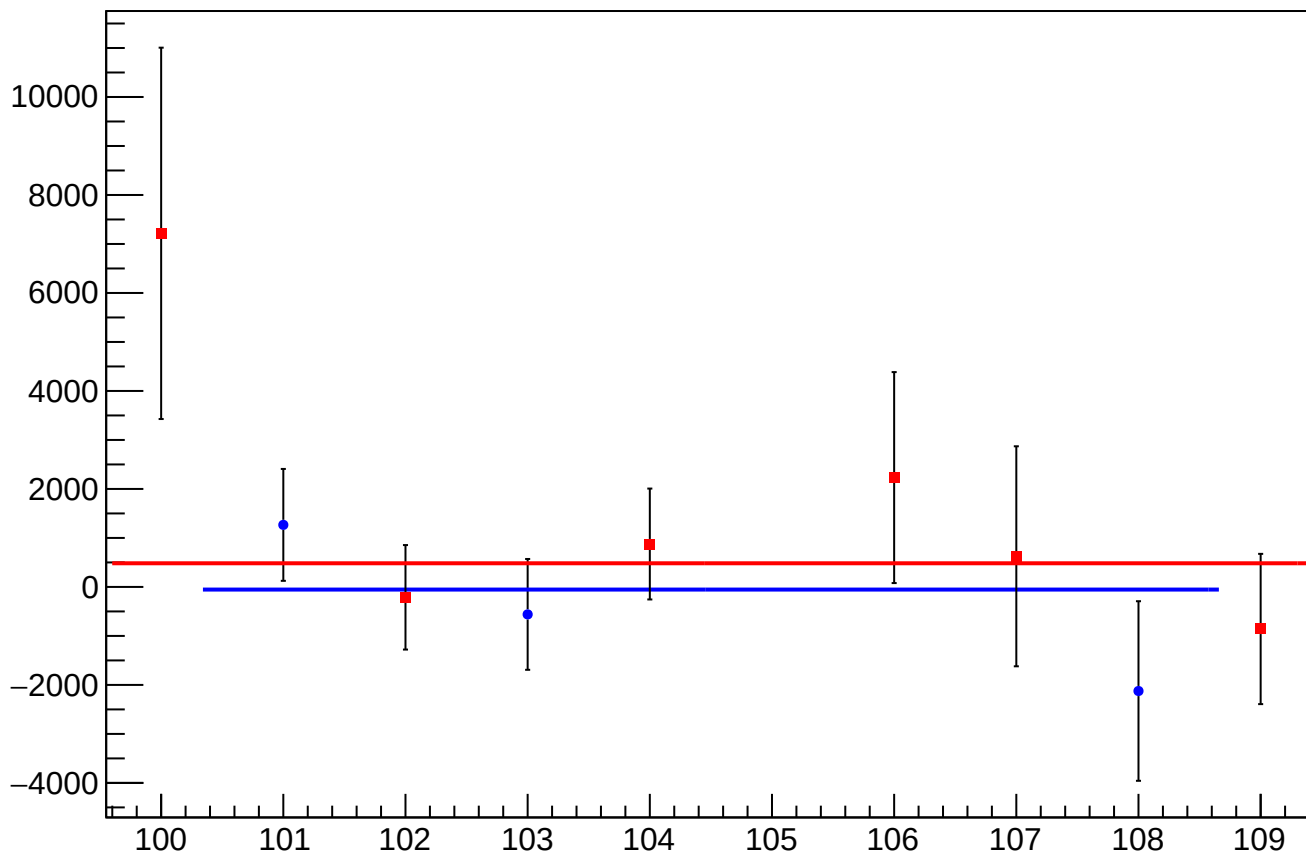
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1452.901 $\pm$ 0.565 χ^2 /NDF: 920151.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug



Right In: -53.838 $\pm$ 735.931 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.826 $\pm$ 623.885 χ^2 /NDF: 5.1/5

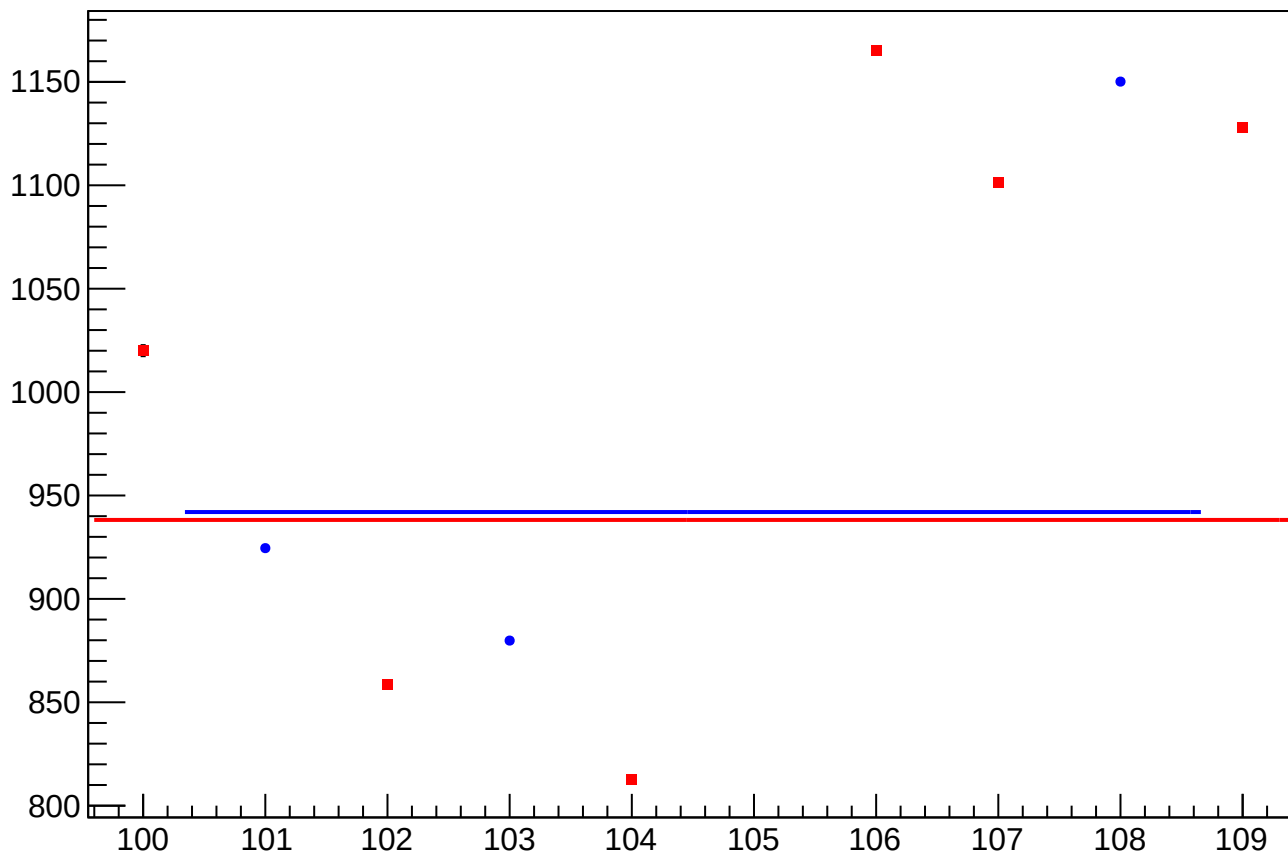
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.416 $\pm$ 475.890 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



Right In: 941.998 $\pm$ 0.520 χ^2 /NDF: 32307.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 938.181 $\pm$ 0.441 χ^2 /NDF: 99949.9/5

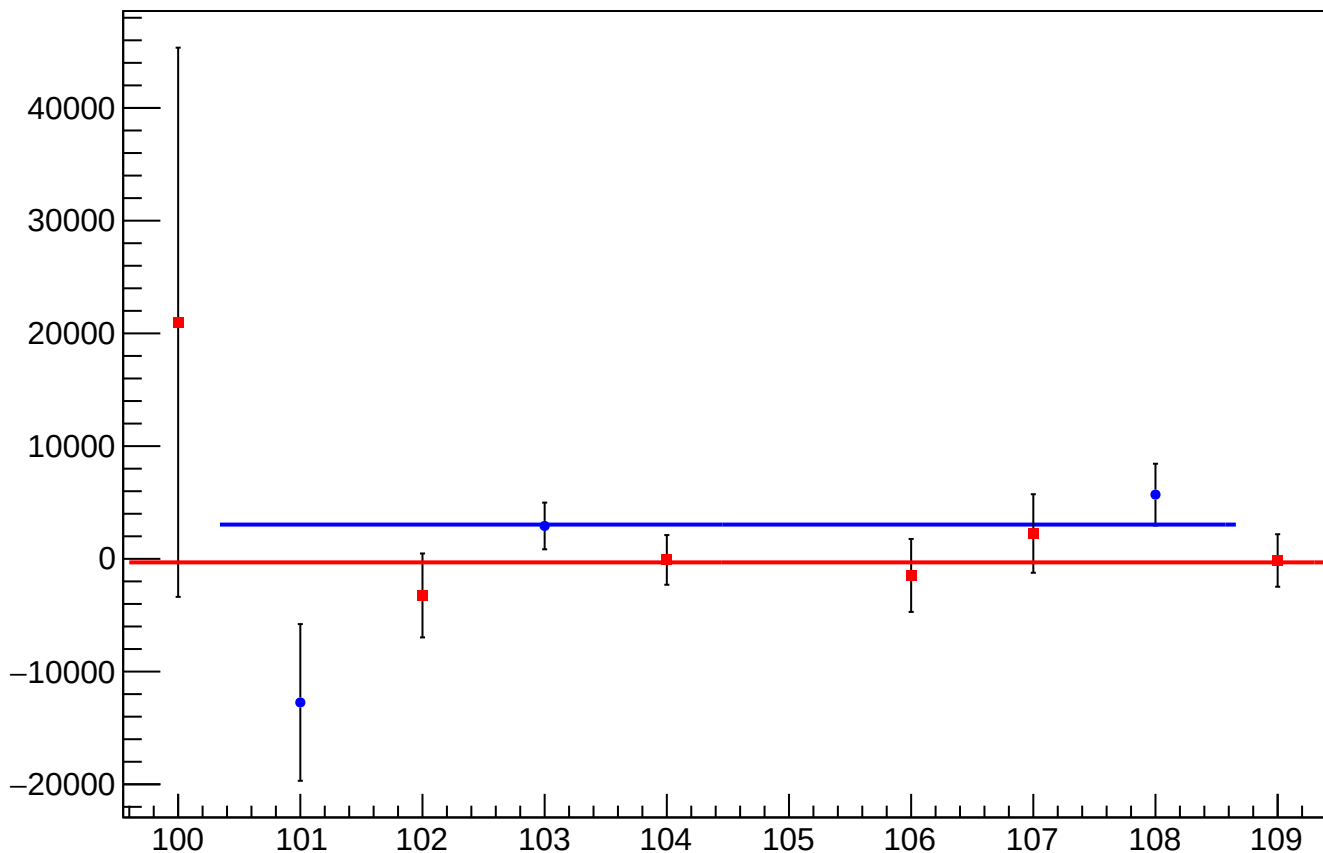
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 939.777 $\pm$ 0.337 χ^2 /NDF: 132288.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_mean vs Slug



Right In: 3039.898+/-1606.930 χ^2/NDF : 6.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.935+/-1248.190 χ^2/NDF : 2.1/5

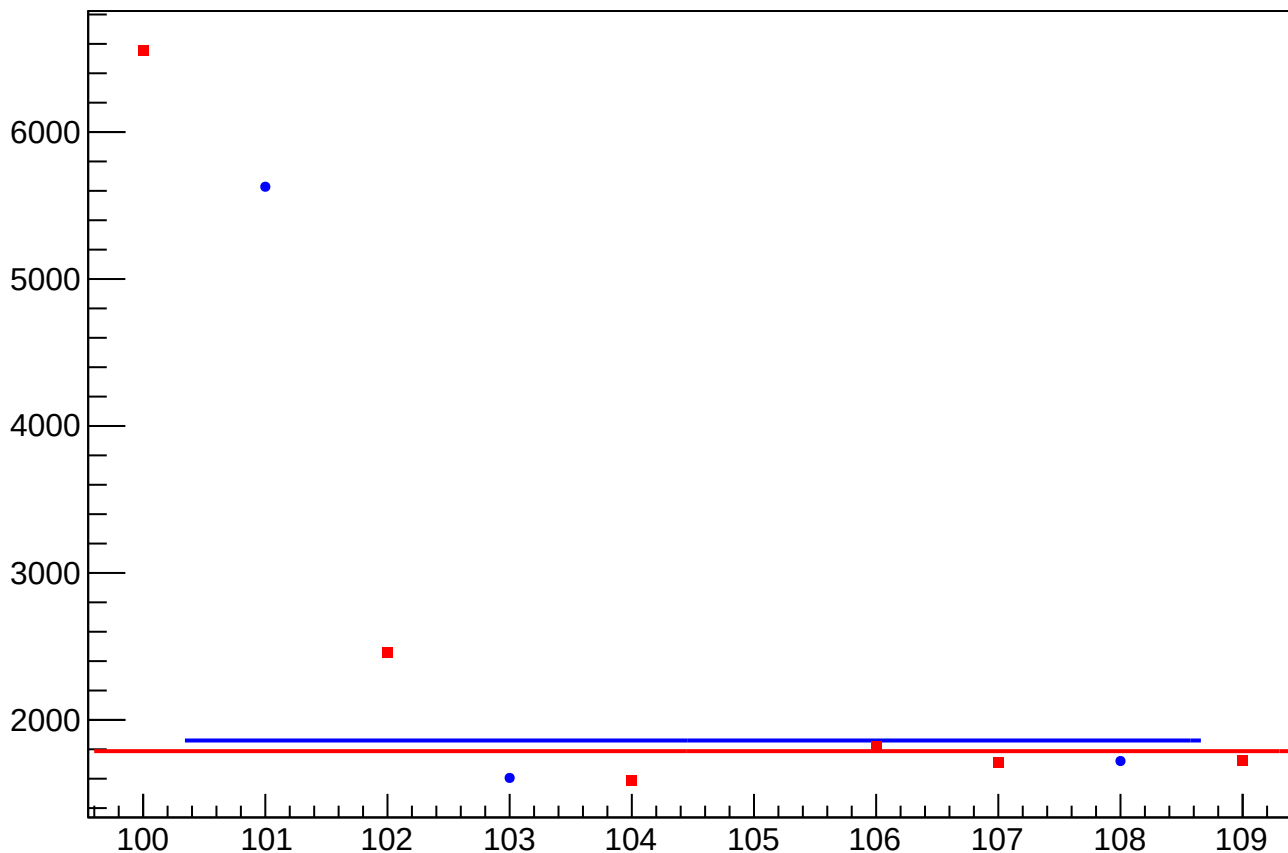
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 949.377+/-985.750 χ^2/NDF : 10.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1859.963 $\pm$ 1.136 χ^2 /NDF: 623226.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1787.424 $\pm$ 0.883 χ^2 /NDF: 160587.3/5

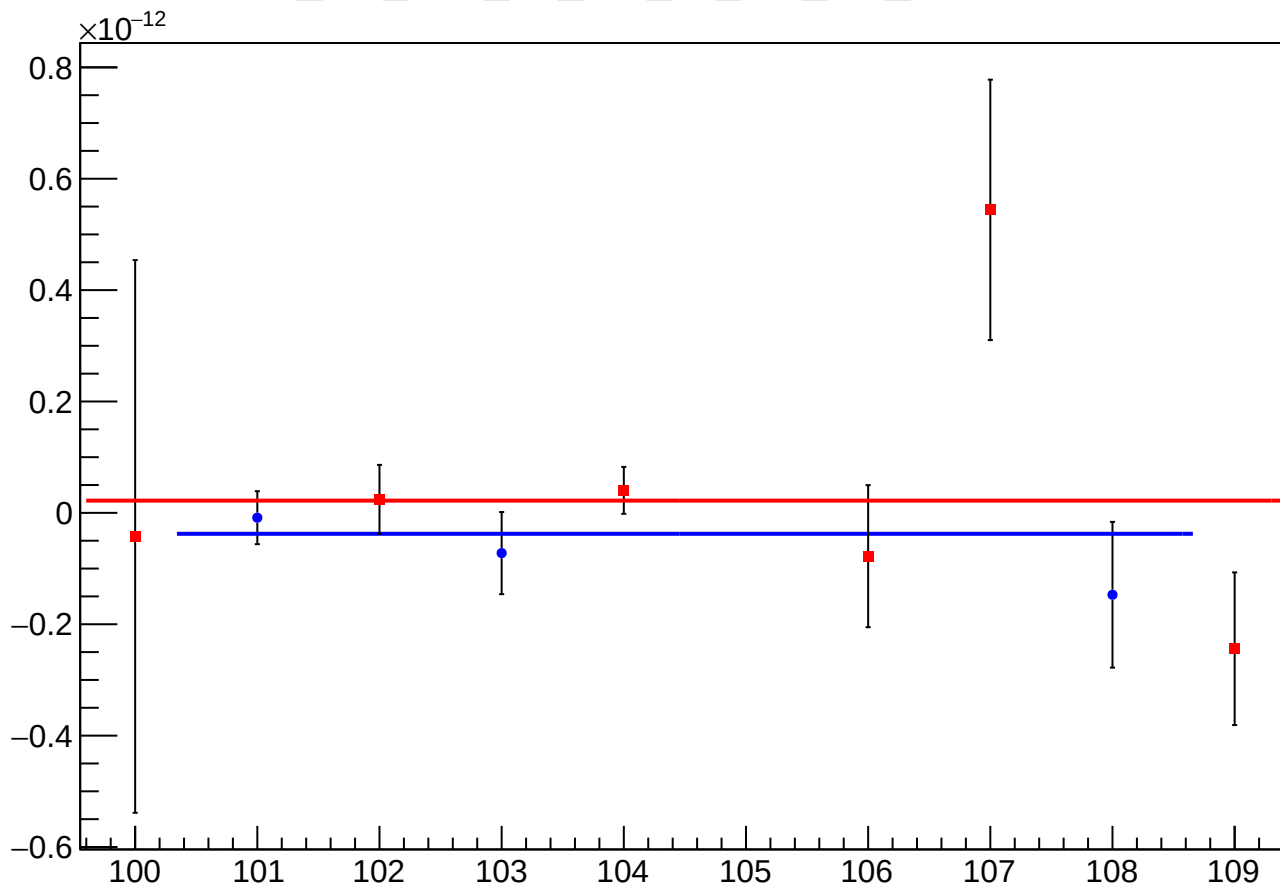
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1814.720 $\pm$ 0.697 χ^2 /NDF: 786355.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.6/5

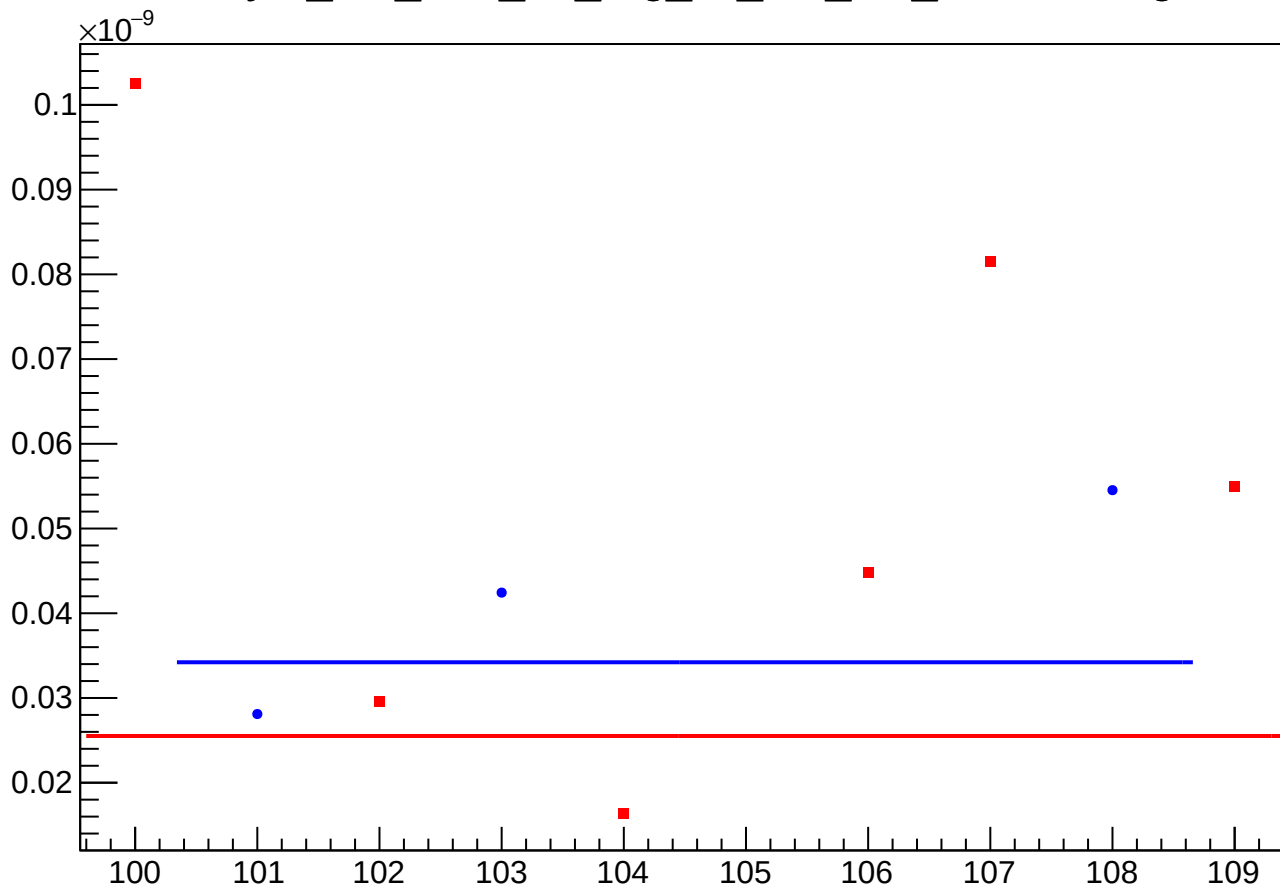
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 12.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 106071.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 404456.4/5

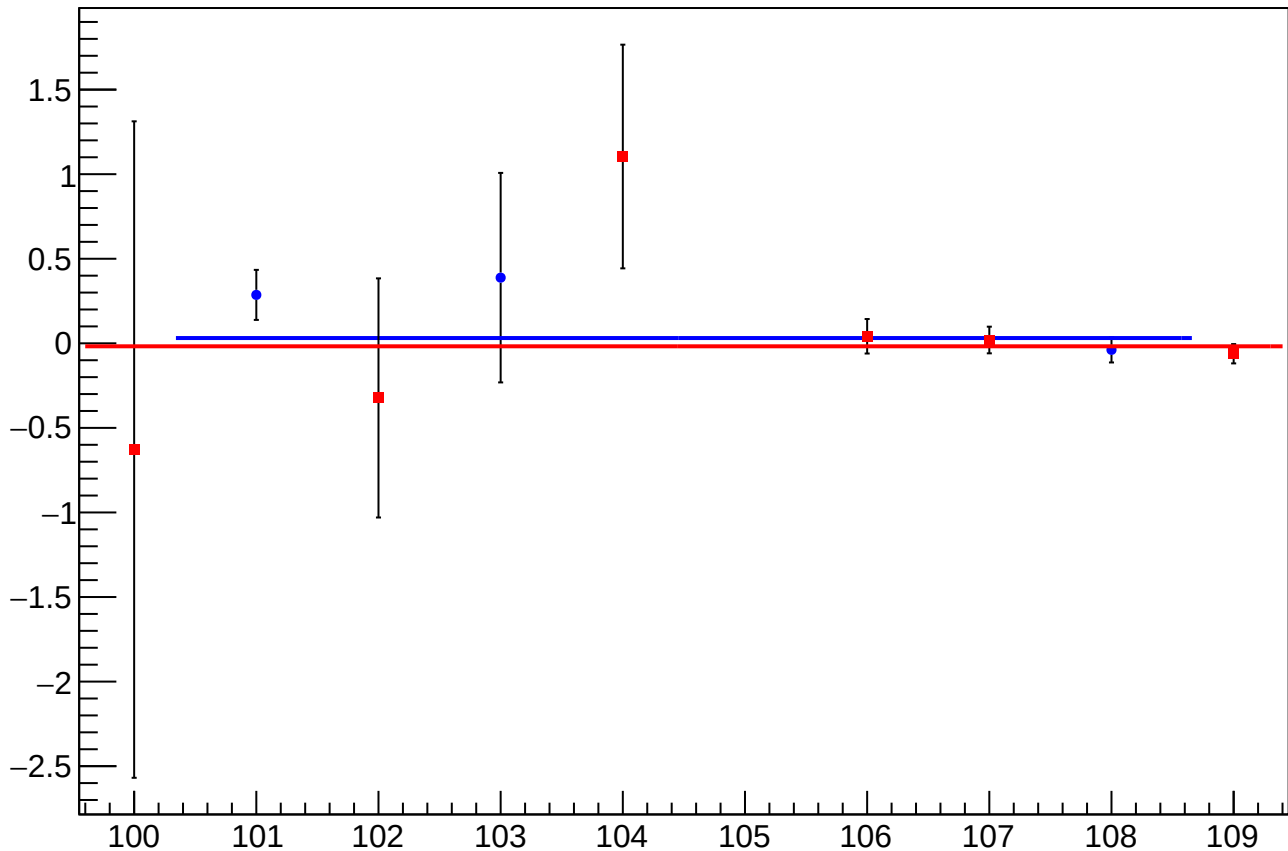
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 571104.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.031 $\pm$ 0.066 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.018 $\pm$ 0.042 χ^2 /NDF: 4.3/5

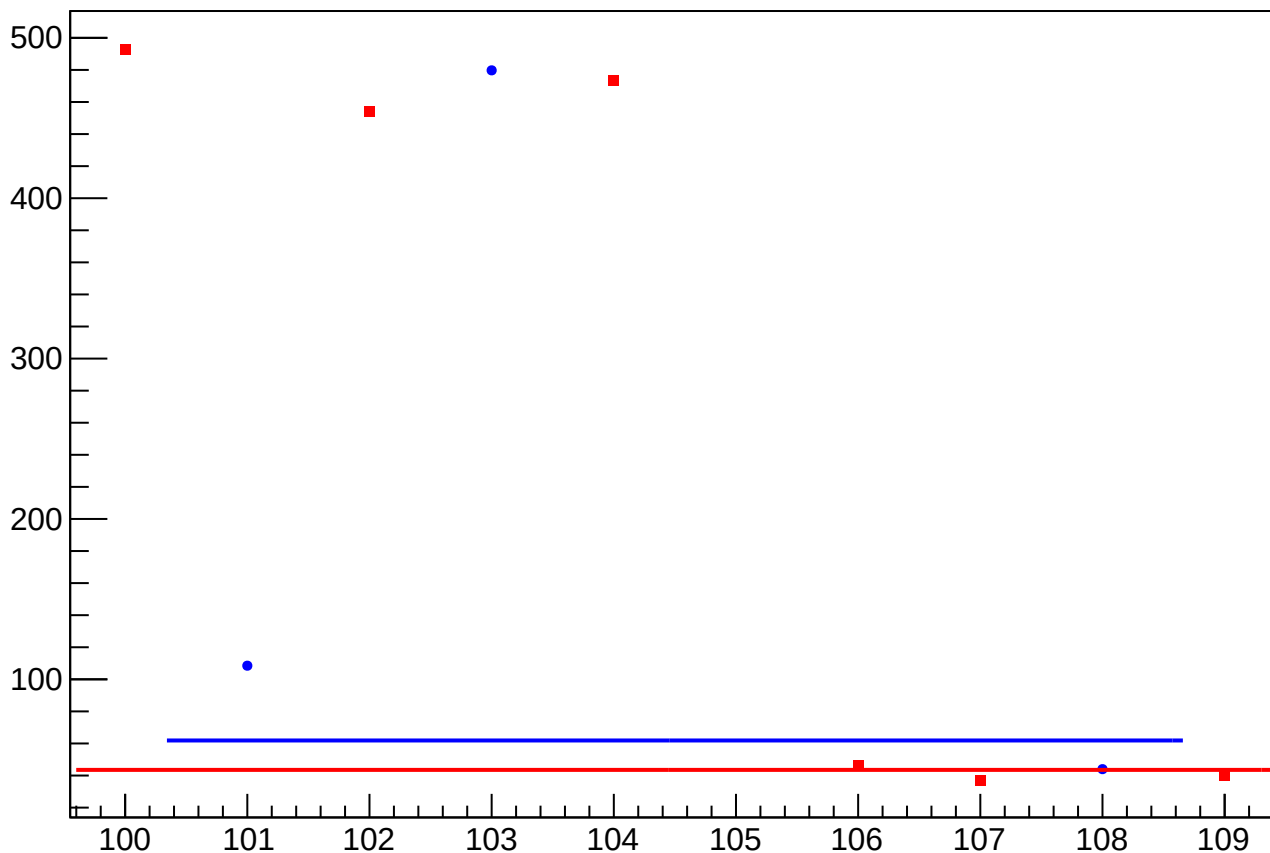
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.035 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 61.868 $\pm$ 0.047 χ^2 /NDF: 1224261.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.526 $\pm$ 0.030 χ^2 /NDF: 1650315.3/5

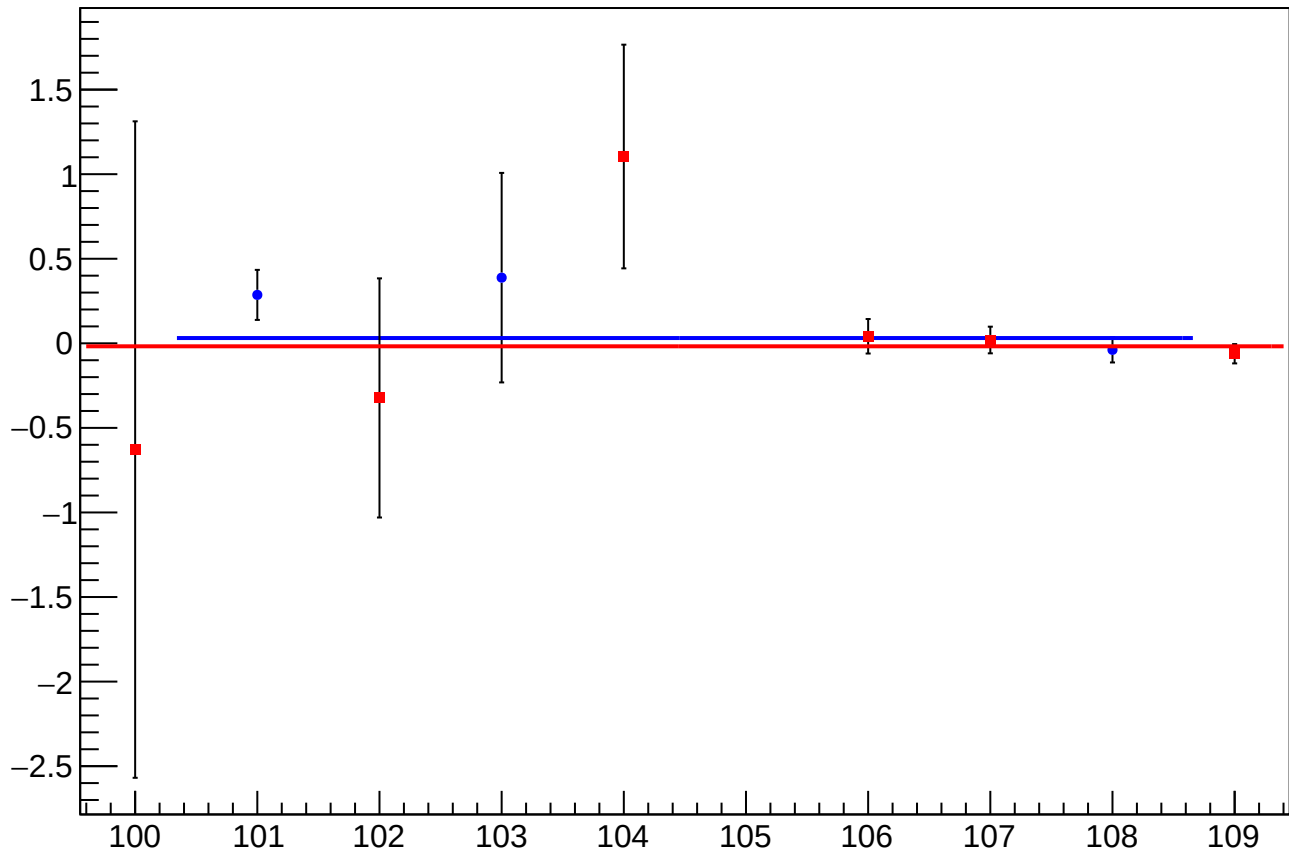
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.781 $\pm$ 0.025 χ^2 /NDF: 2984221.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.031 $\pm$ 0.066 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.042 χ^2 /NDF: 4.3/5

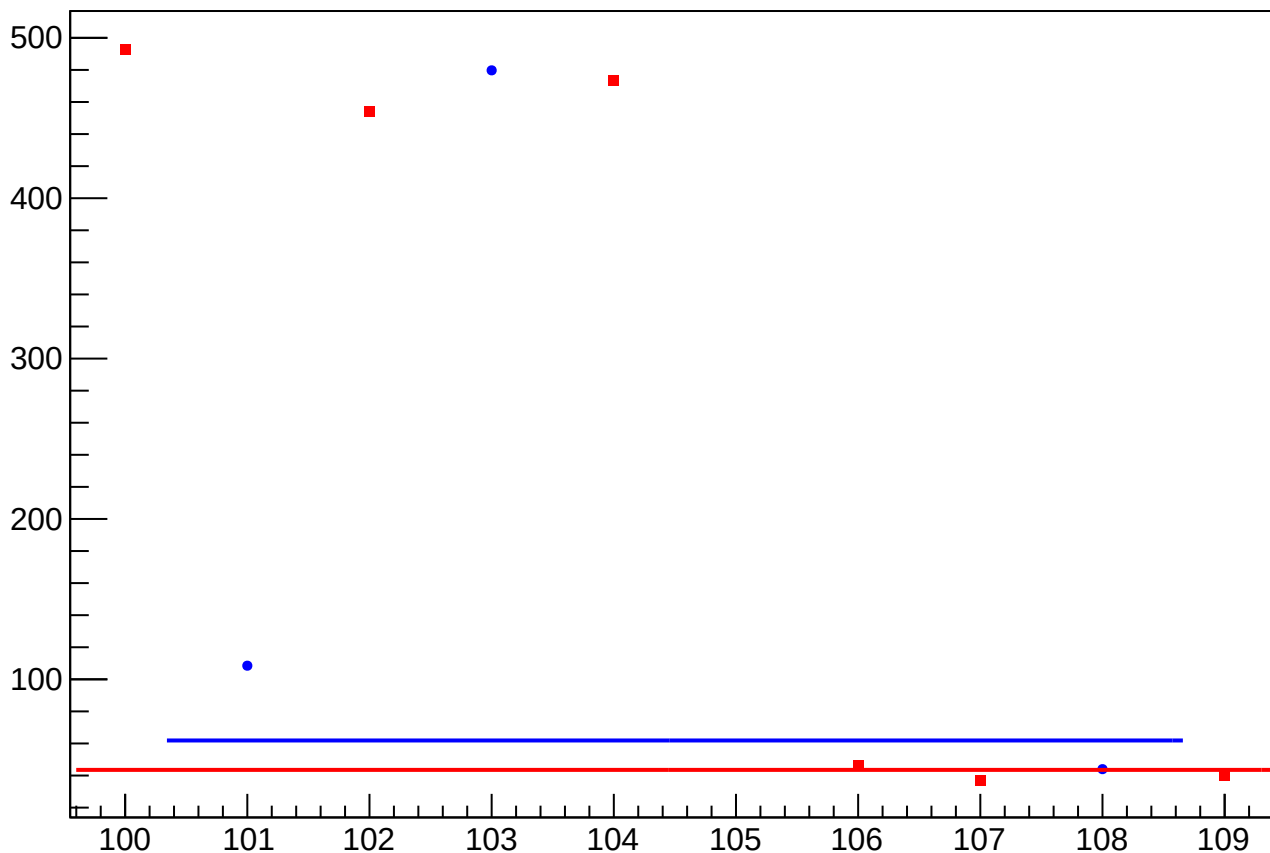
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.035 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 61.868+/-0.047 χ^2/NDF : 1224261.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.526+/-0.030 χ^2/NDF : 1650315.3/5

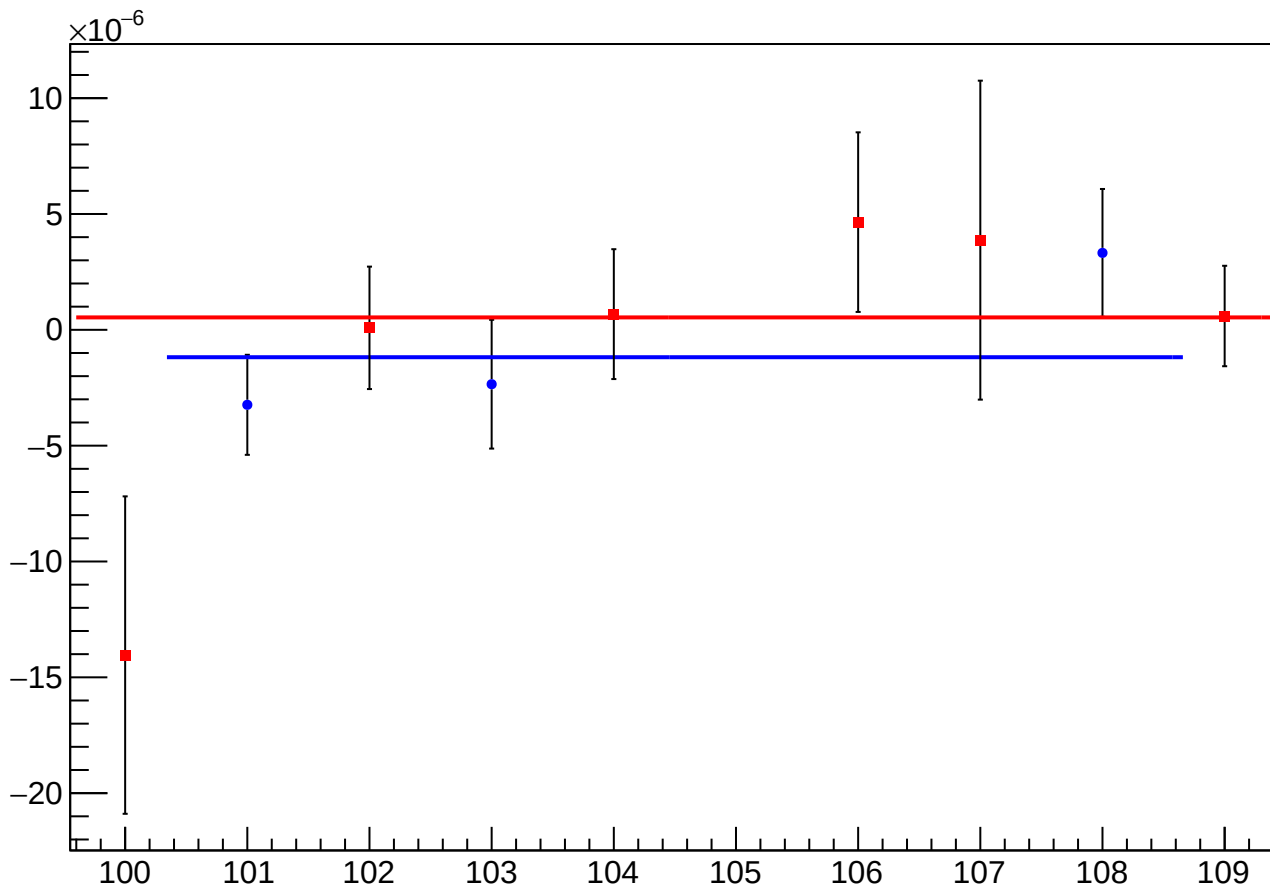
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.781+/-0.025 χ^2/NDF : 2984221.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.9/5

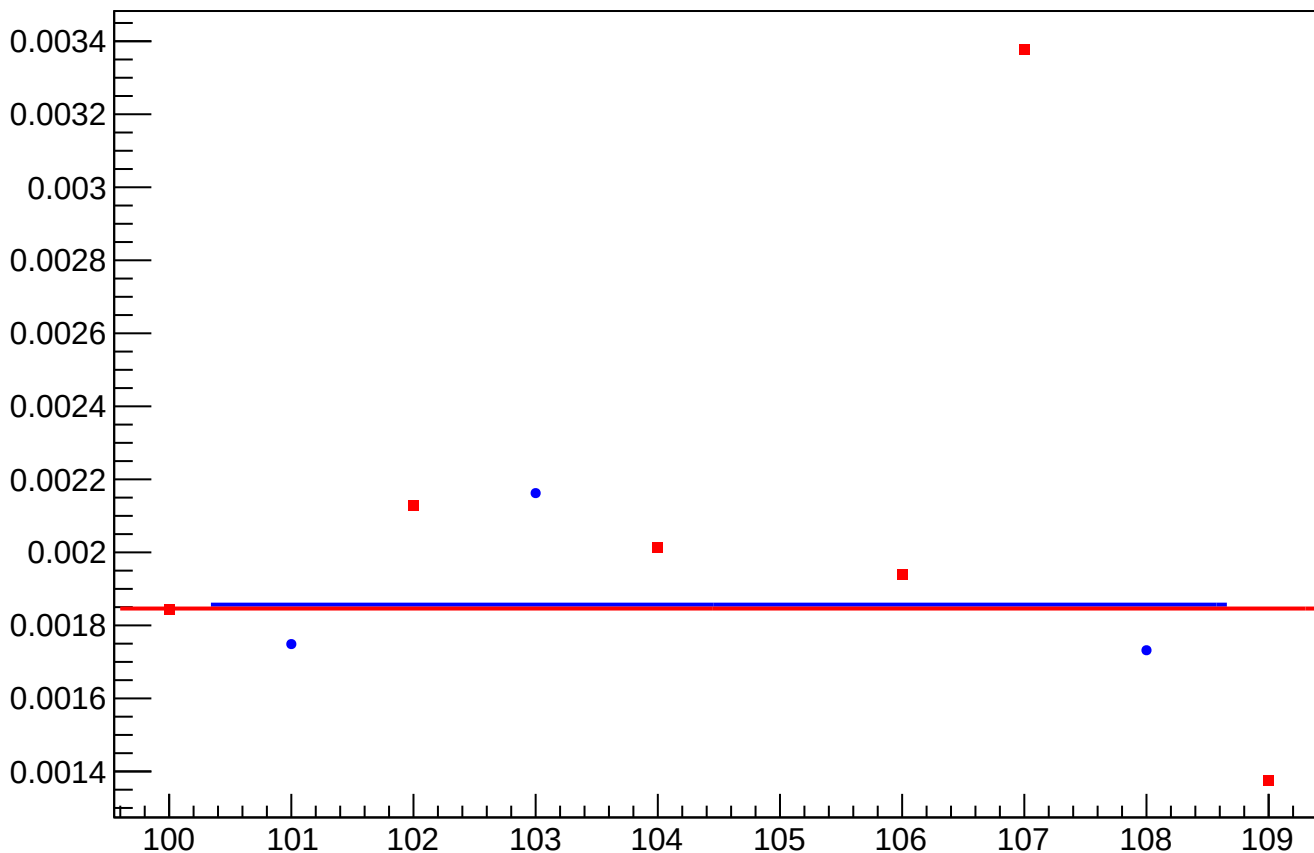
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 33259.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 224069.3/5

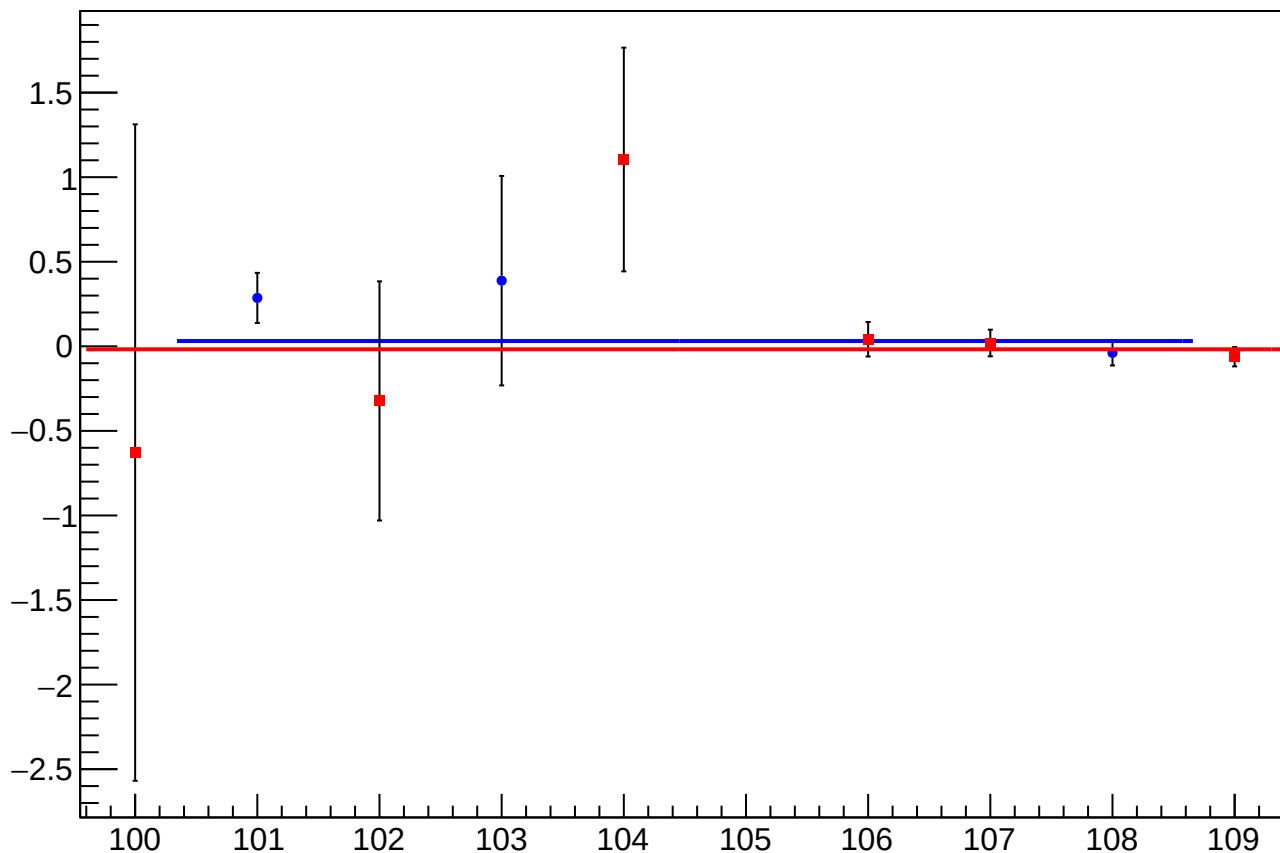
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 257388.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.031 $\pm$ 0.066 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.042 χ^2 /NDF: 4.3/5

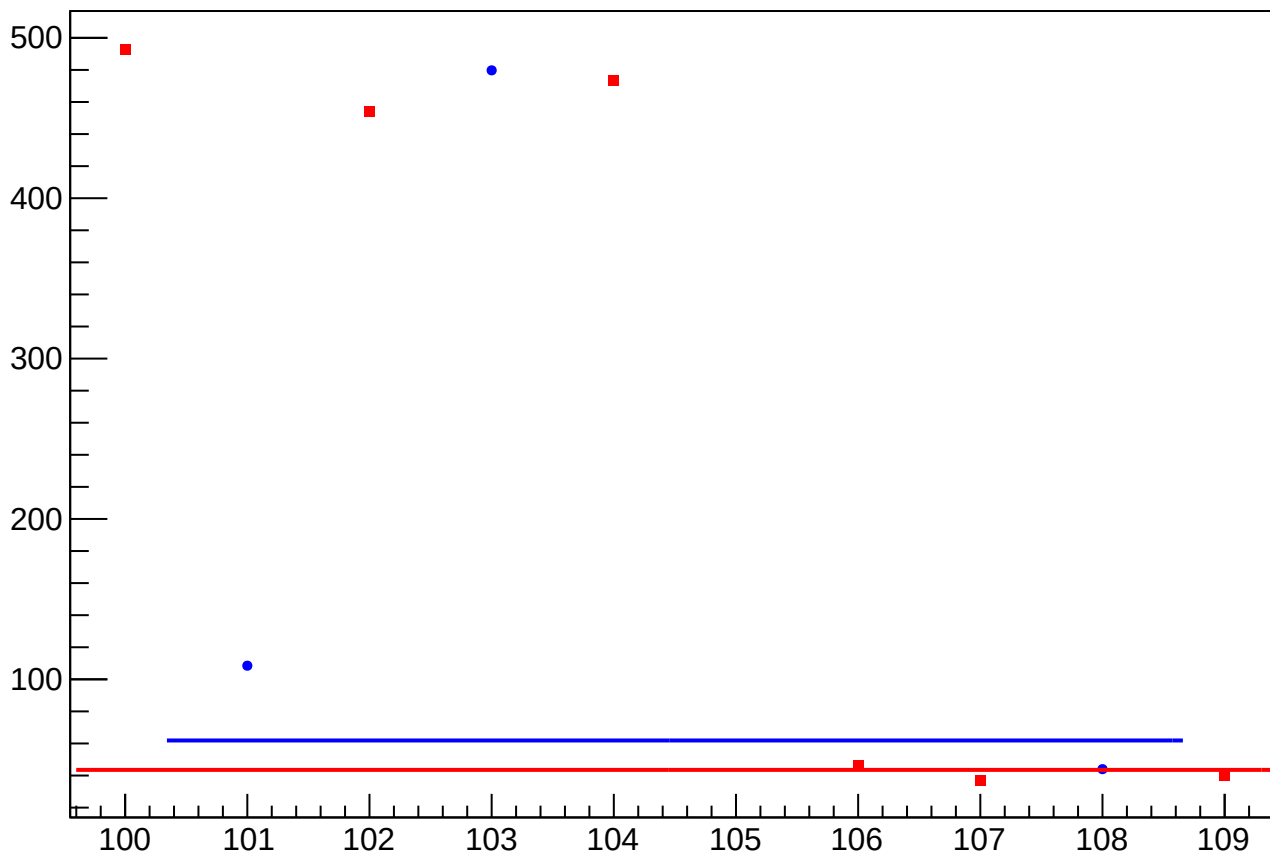
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.035 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 61.866+/-0.047 χ^2/NDF : 1224288.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.525+/-0.030 χ^2/NDF : 1650321.2/5

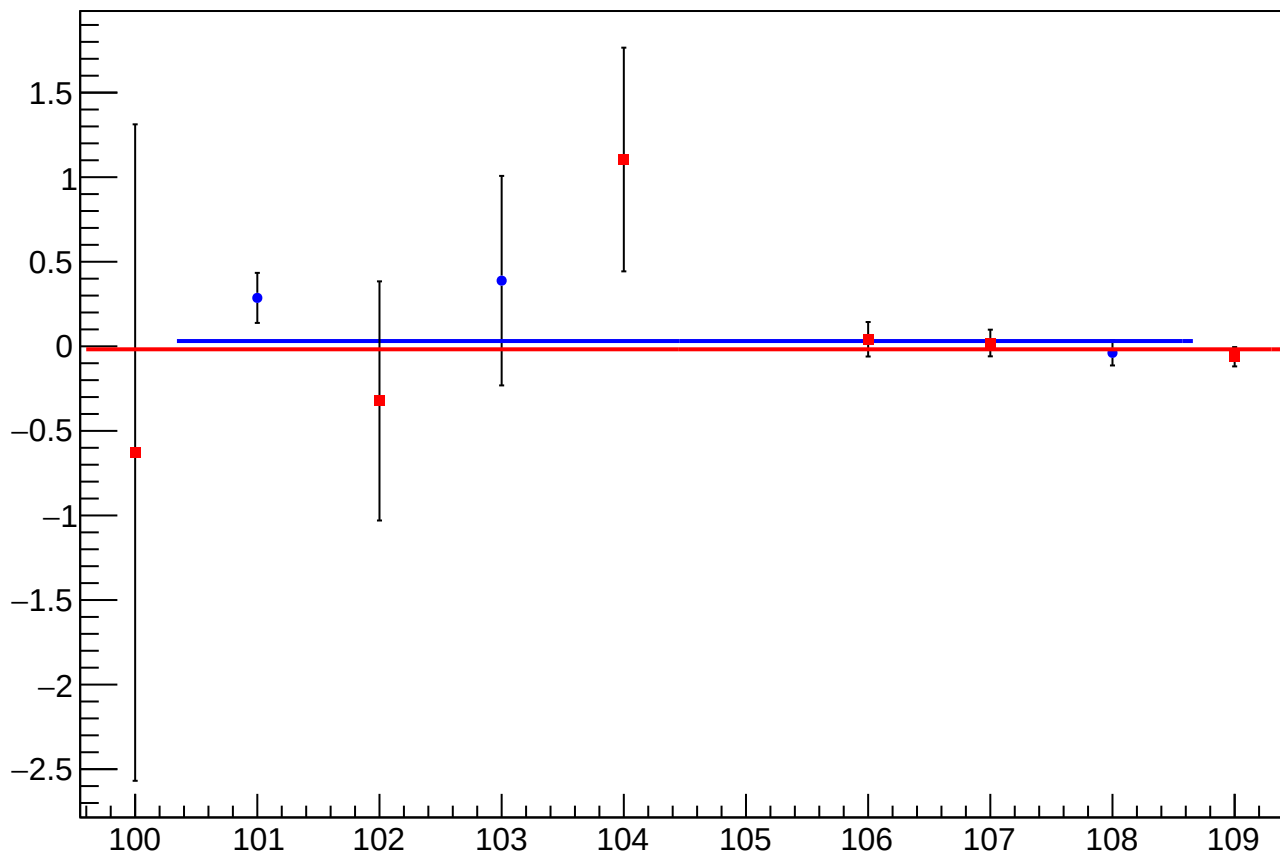
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.780+/-0.025 χ^2/NDF : 2984241.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.031+/-0.066 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.018+/-0.042 χ^2/NDF : 4.3/5

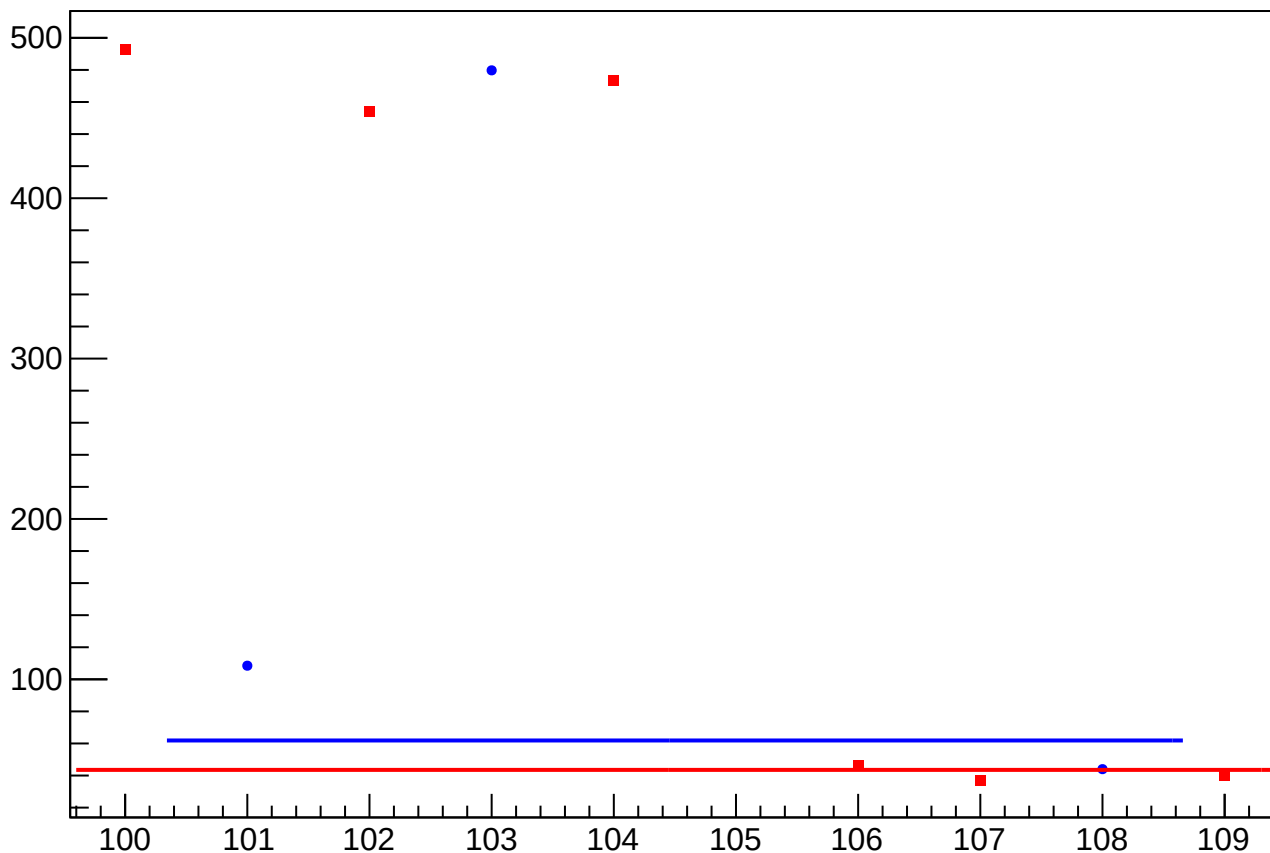
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.035 χ^2/NDF : 8.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 61.866+/-0.047 χ^2/NDF : 1224288.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.525+/-0.030 χ^2/NDF : 1650321.2/5

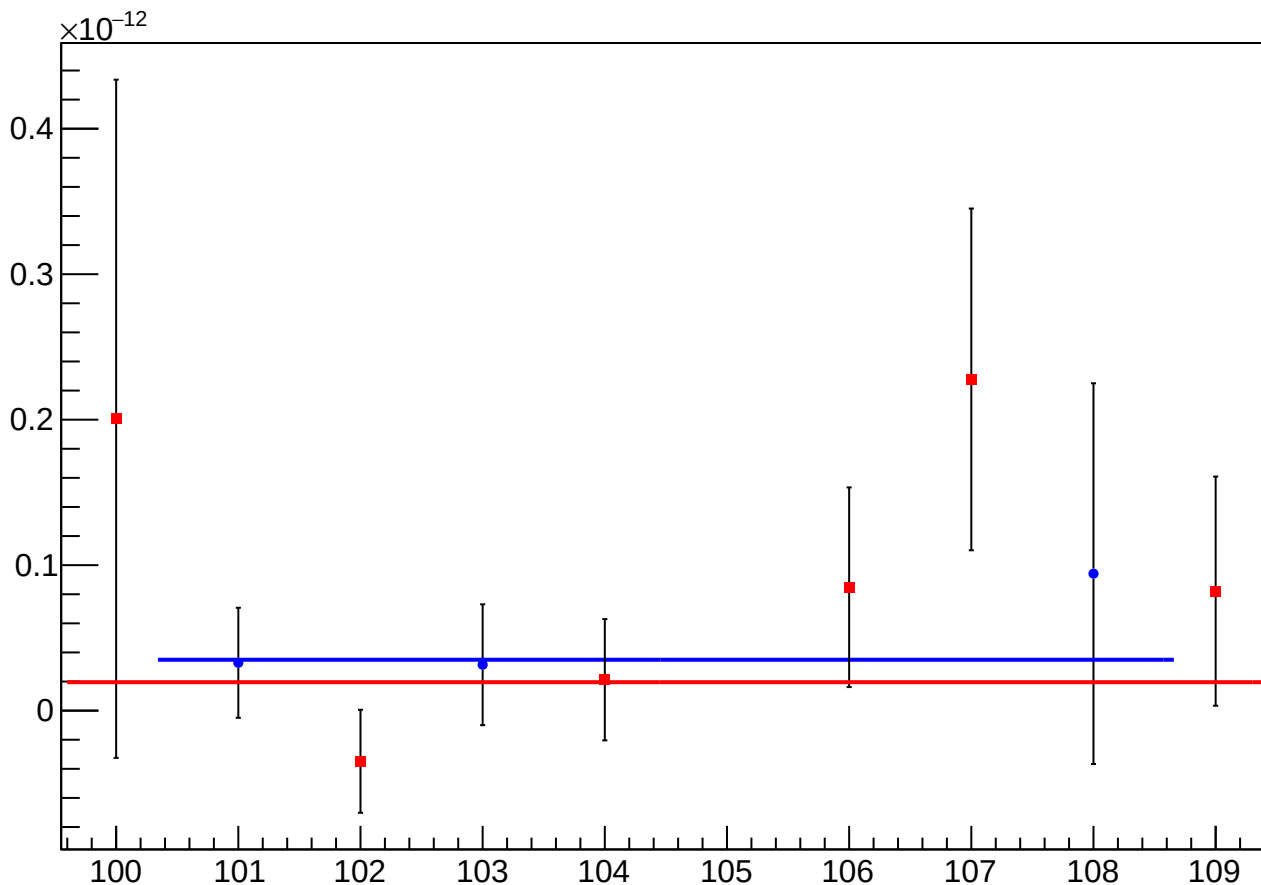
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.780+/-0.025 χ^2/NDF : 2984241.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.6/5

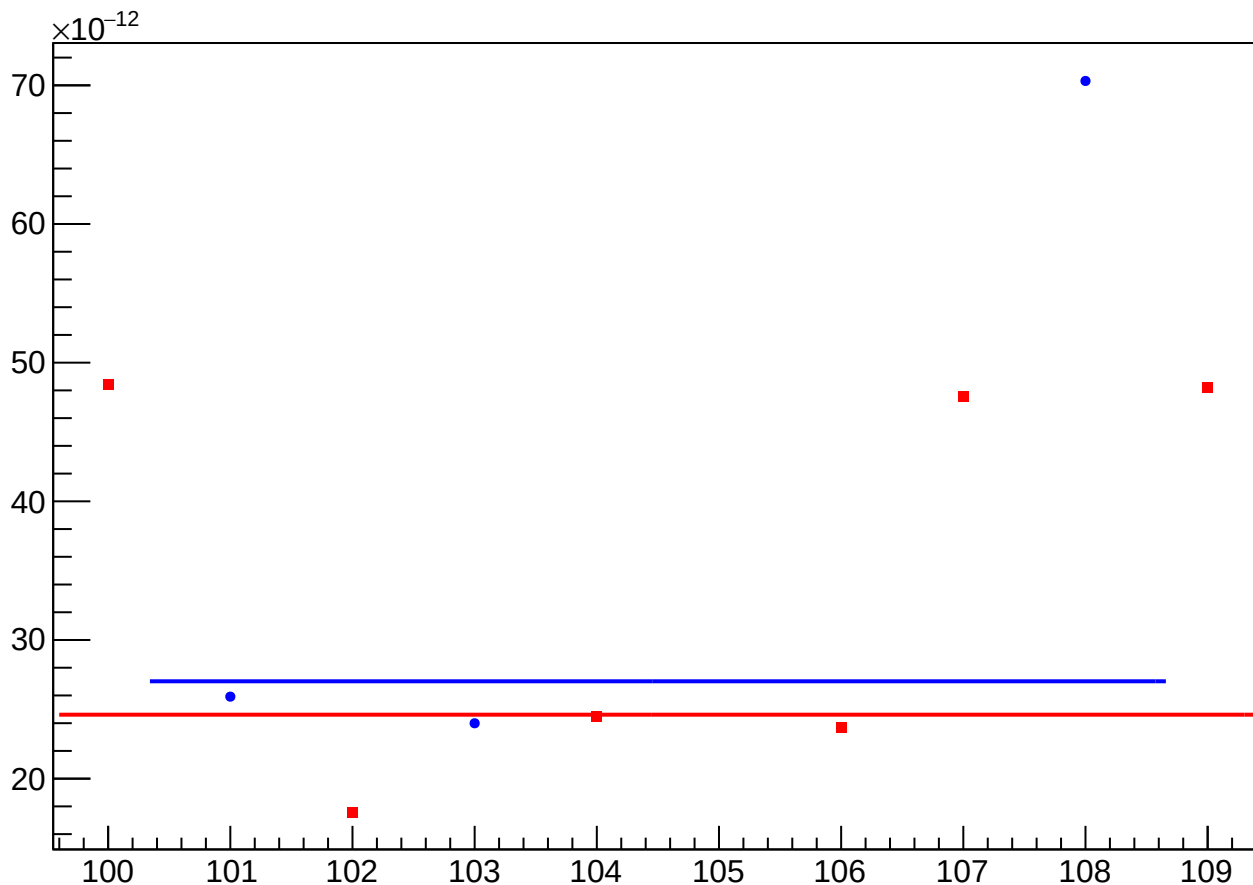
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 231280.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 356636.6/5

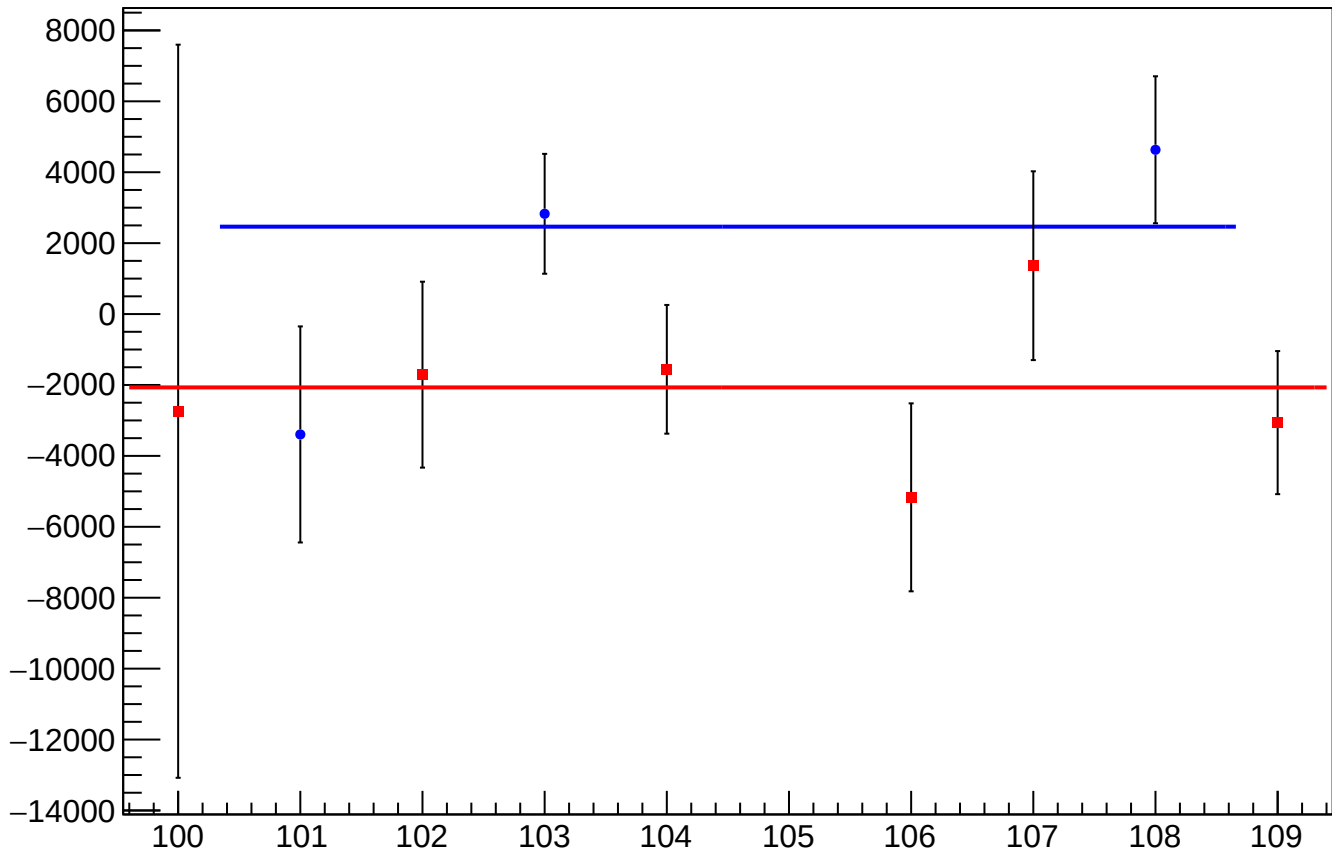
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 596897.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 2464.769 $\pm$ 1203.555 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2068.541 $\pm$ 1006.299 χ^2 /NDF: 3.4/5

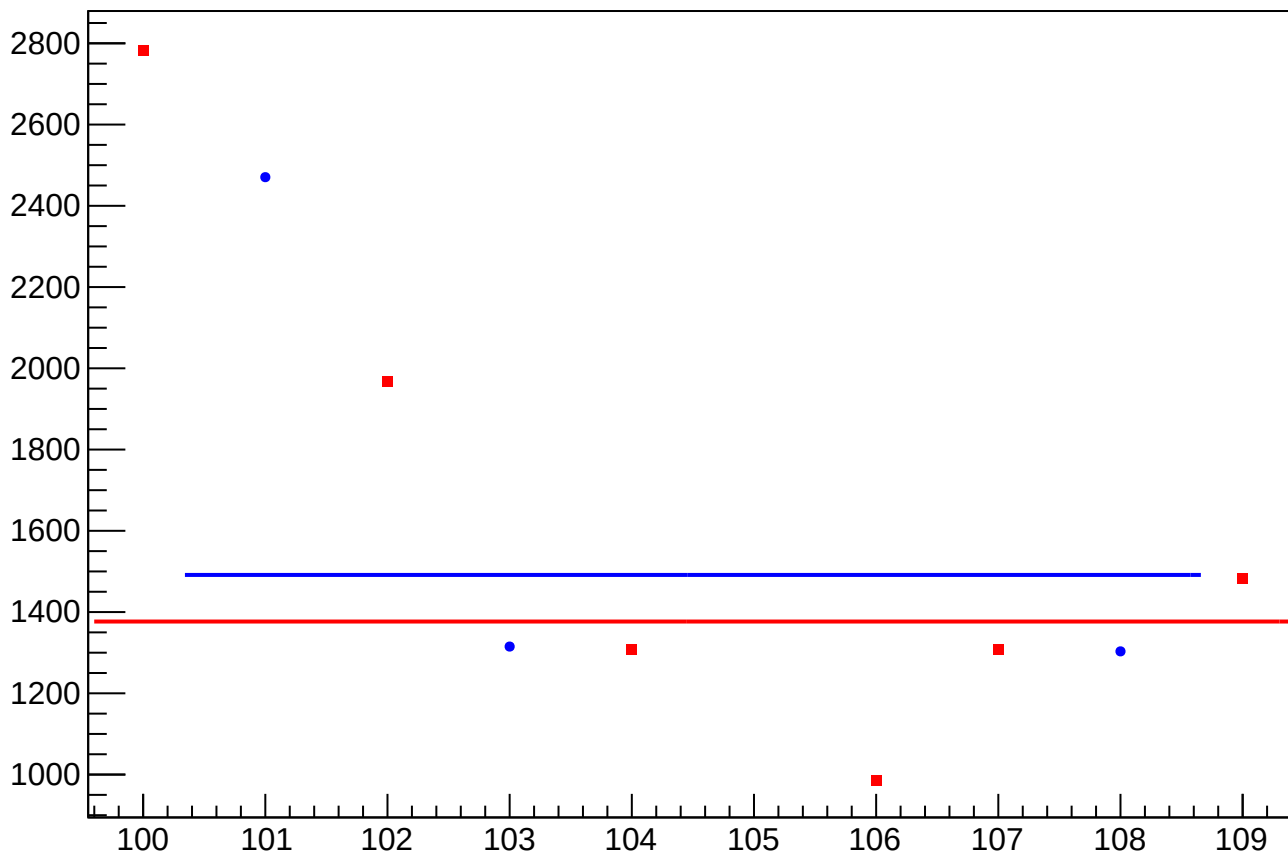
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -203.340 $\pm$ 772.007 χ^2 /NDF: 16.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1491.405+/-0.851 χ^2/NDF : 244772.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.704+/-0.678 χ^2/NDF : 221610.1/5

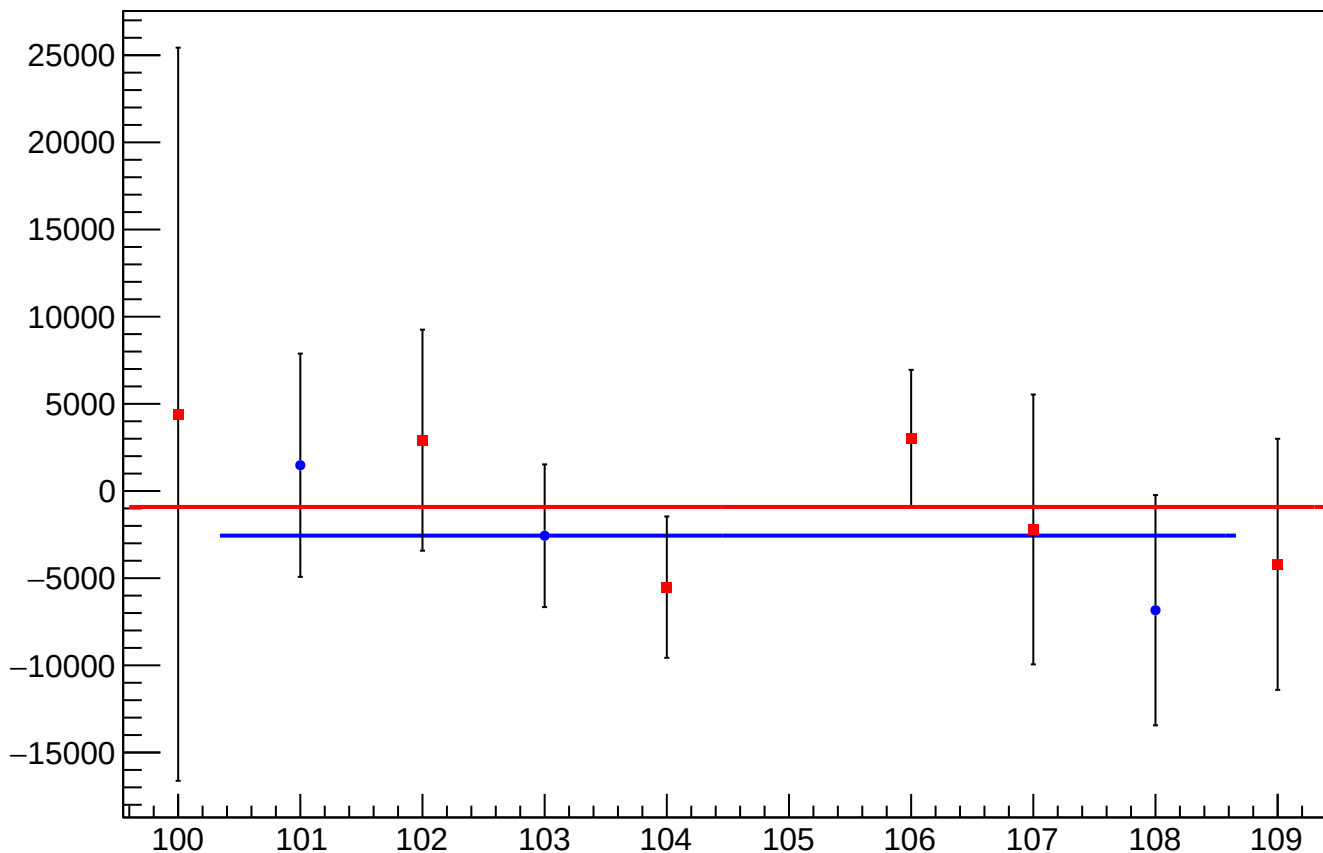
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1421.267+/-0.530 χ^2/NDF : 477490.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_mean vs Slug



Right In: -2558.997 $\pm$ 3057.177 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -914.228 $\pm$ 2299.466 χ^2 /NDF: 3.0/5

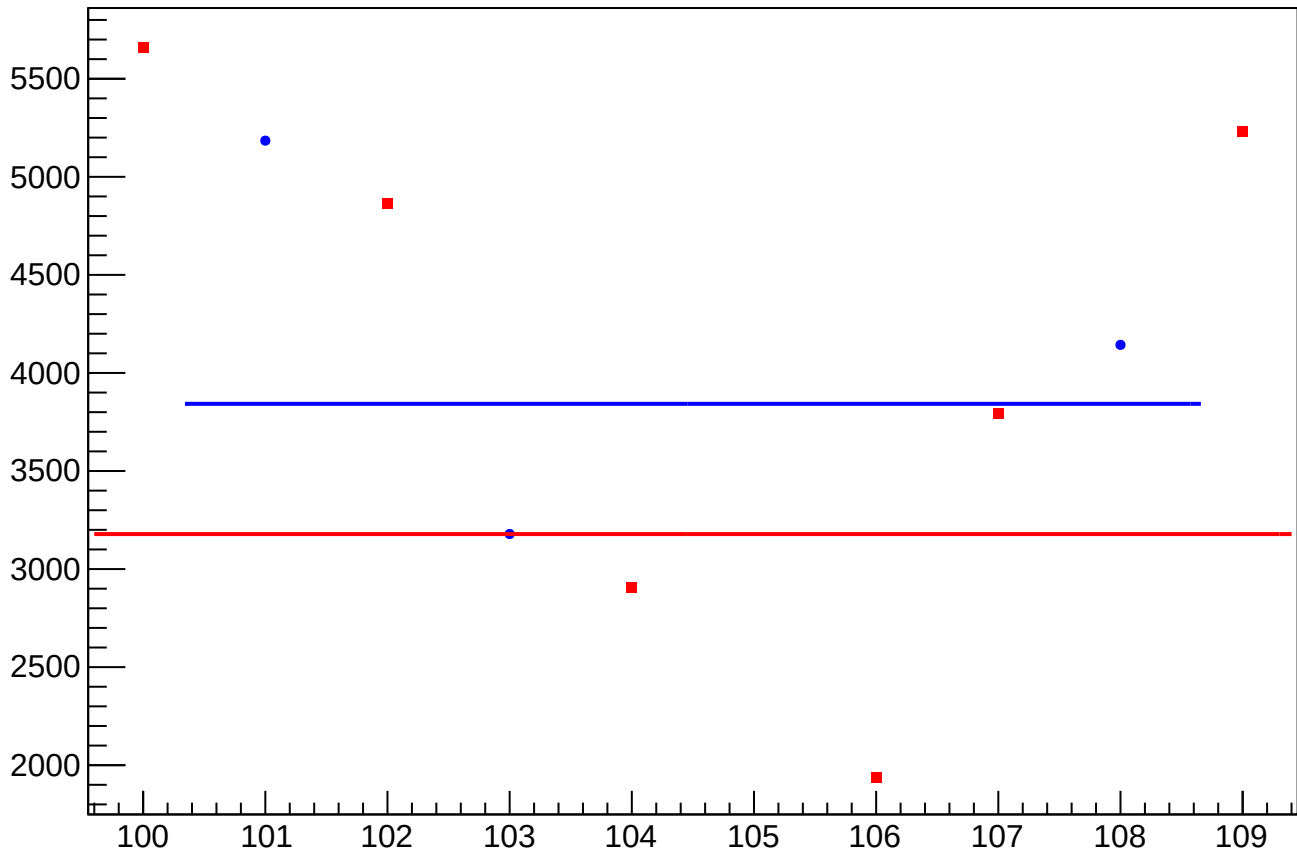
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1508.520 $\pm$ 1837.672 χ^2 /NDF: 4.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 3842.605 $\pm$ 2.162 χ^2 /NDF: 144571.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3178.436 $\pm$ 1.626 χ^2 /NDF: 553618.1/5

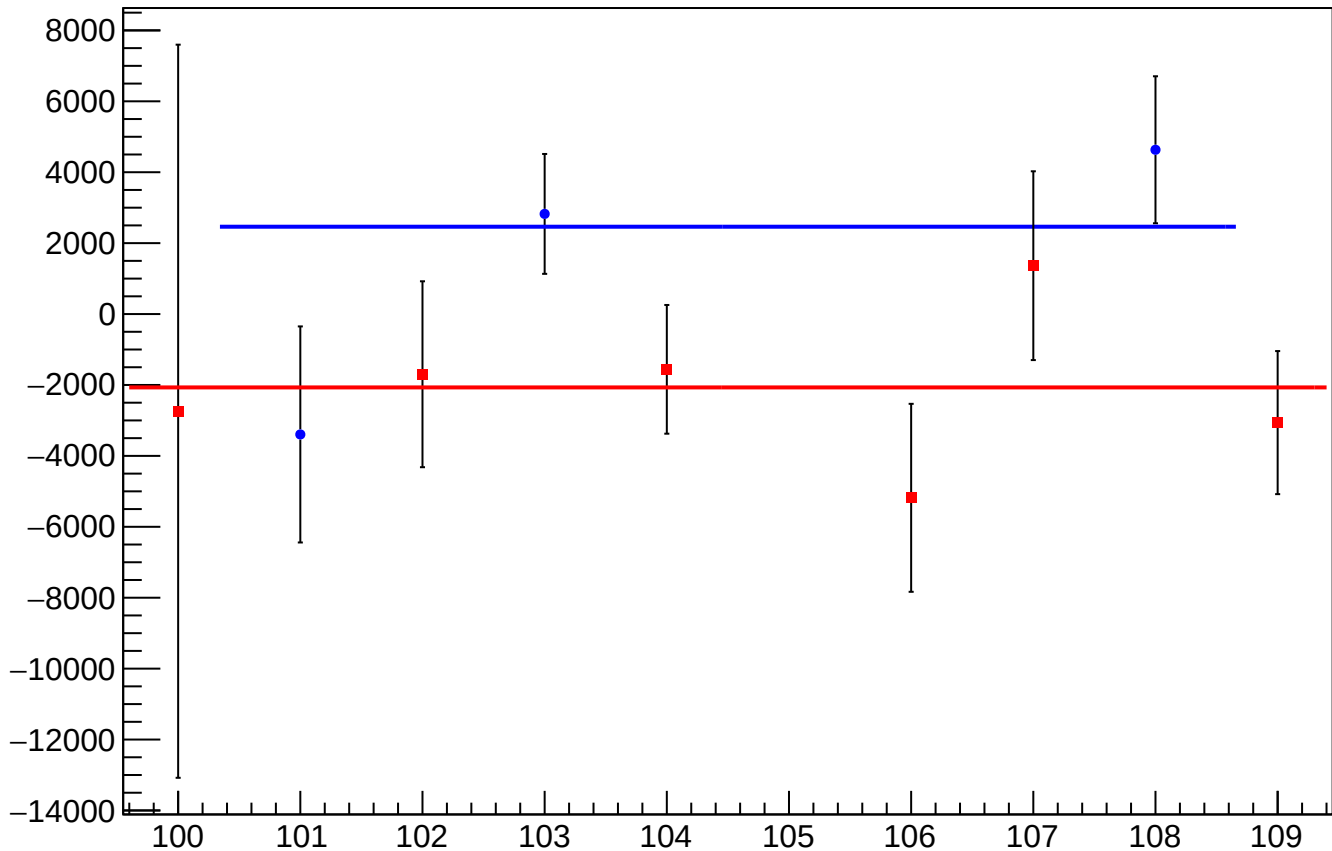
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3418.415 $\pm$ 1.299 χ^2 /NDF: 758477.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_avg_mean vs Slug



Right In: 2463.264 $\pm$ 1203.556 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2069.010 $\pm$ 1006.313 χ^2 /NDF: 3.4/5

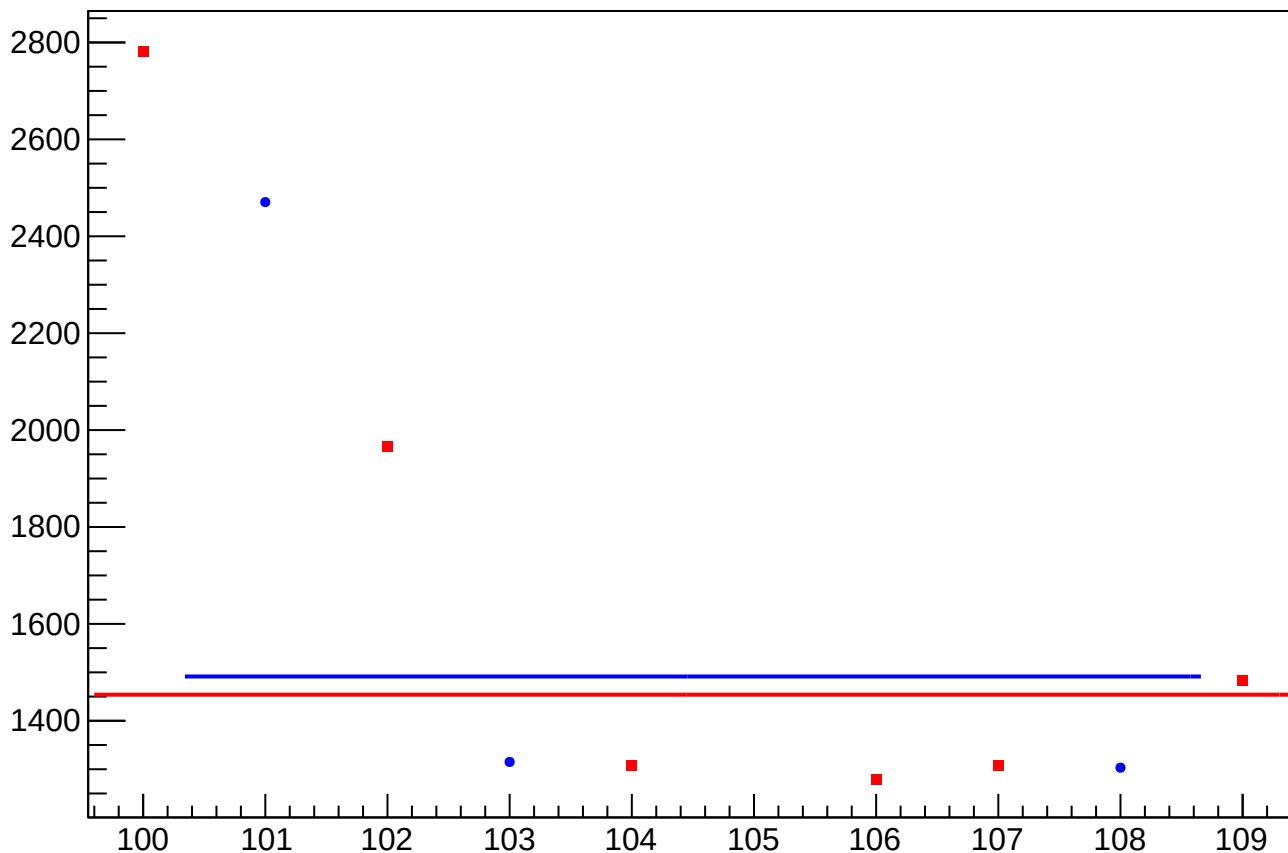
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.205 $\pm$ 772.013 χ^2 /NDF: 16.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1491.406 $\pm$ 0.851 χ^2 /NDF: 244772.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1453.858 $\pm$ 0.703 χ^2 /NDF: 139151.4/5

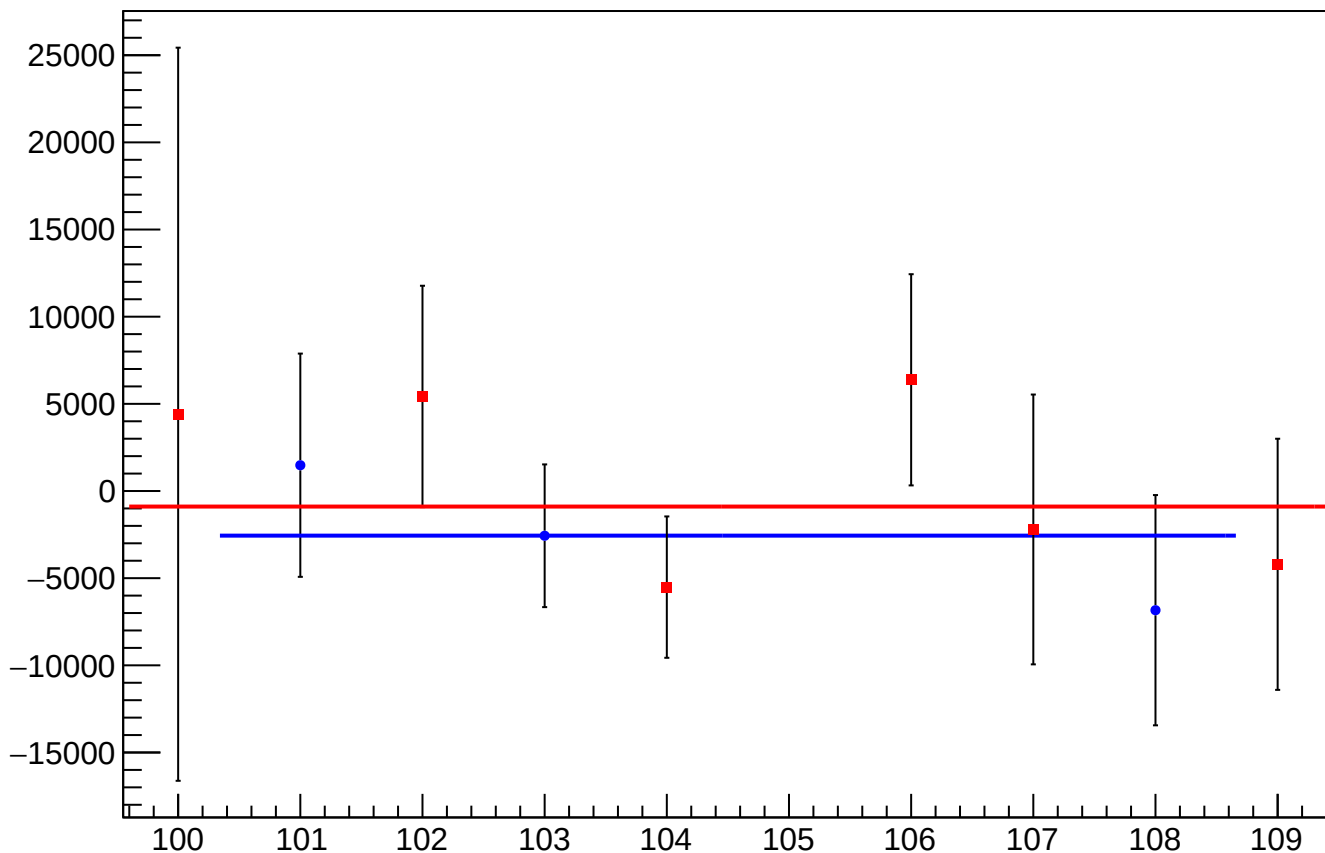
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1469.099 $\pm$ 0.542 χ^2 /NDF: 385080.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_mean vs Slug



Right In: -2559.890+/-3057.349 χ^2 /NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -892.071+/-2572.454 χ^2 /NDF: 4.0/5

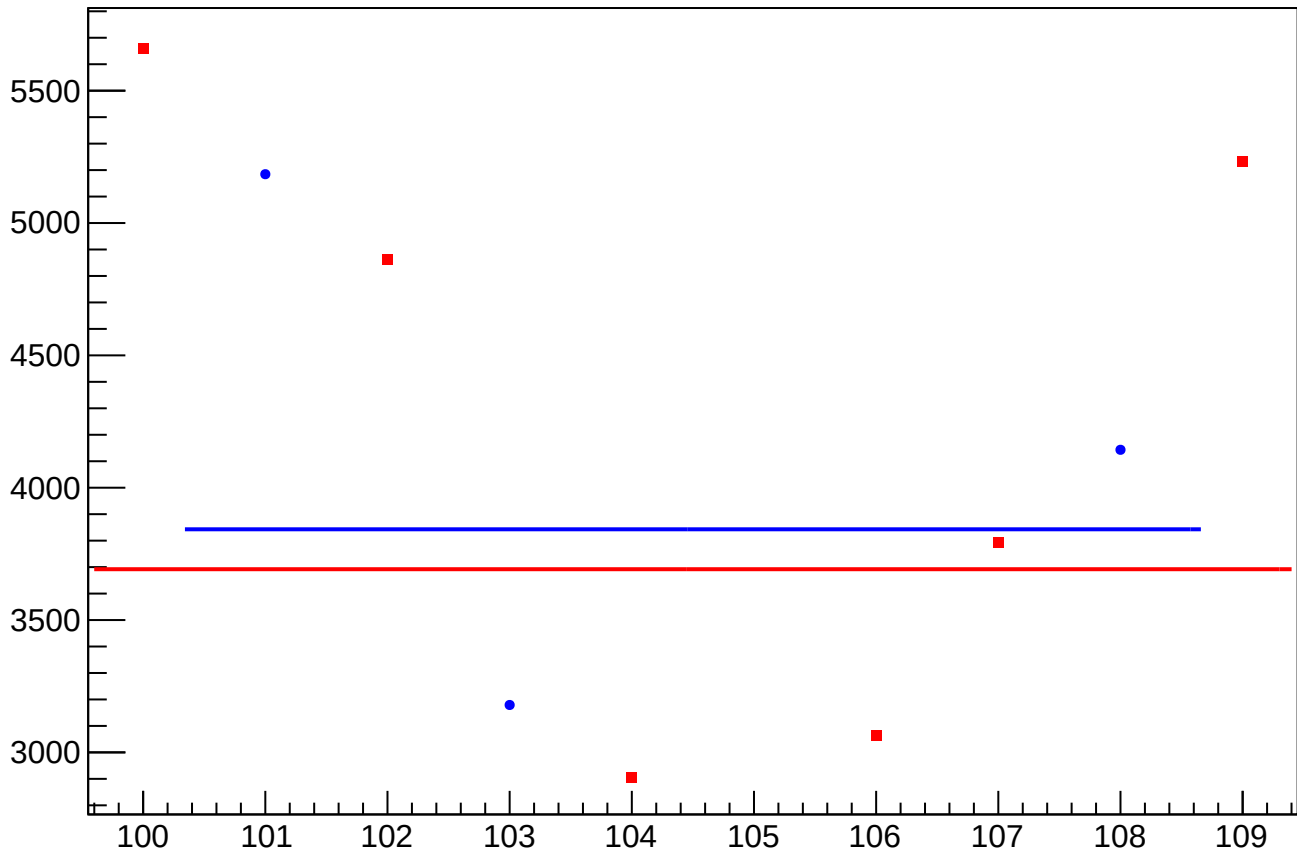
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1583.389+/-1968.383 χ^2 /NDF: 5.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 3842.873+/-2.162 χ^2/NDF : 144505.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3692.083+/-1.819 χ^2/NDF : 273605.4/5

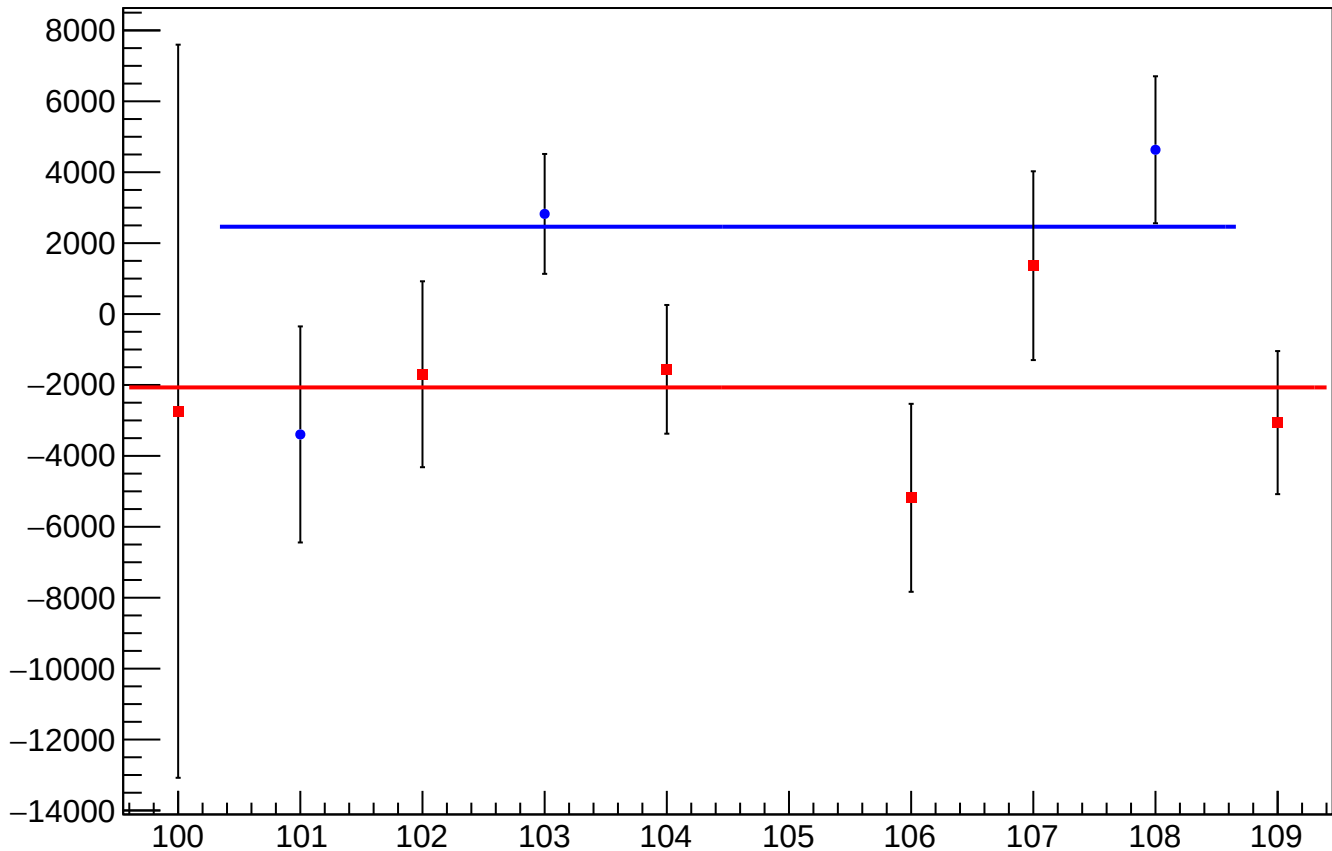
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3754.586+/-1.392 χ^2/NDF : 420959.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_avg_mean vs Slug



Right In: 2463.264 $\pm$ 1203.556 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2069.010 $\pm$ 1006.313 χ^2 /NDF: 3.4/5

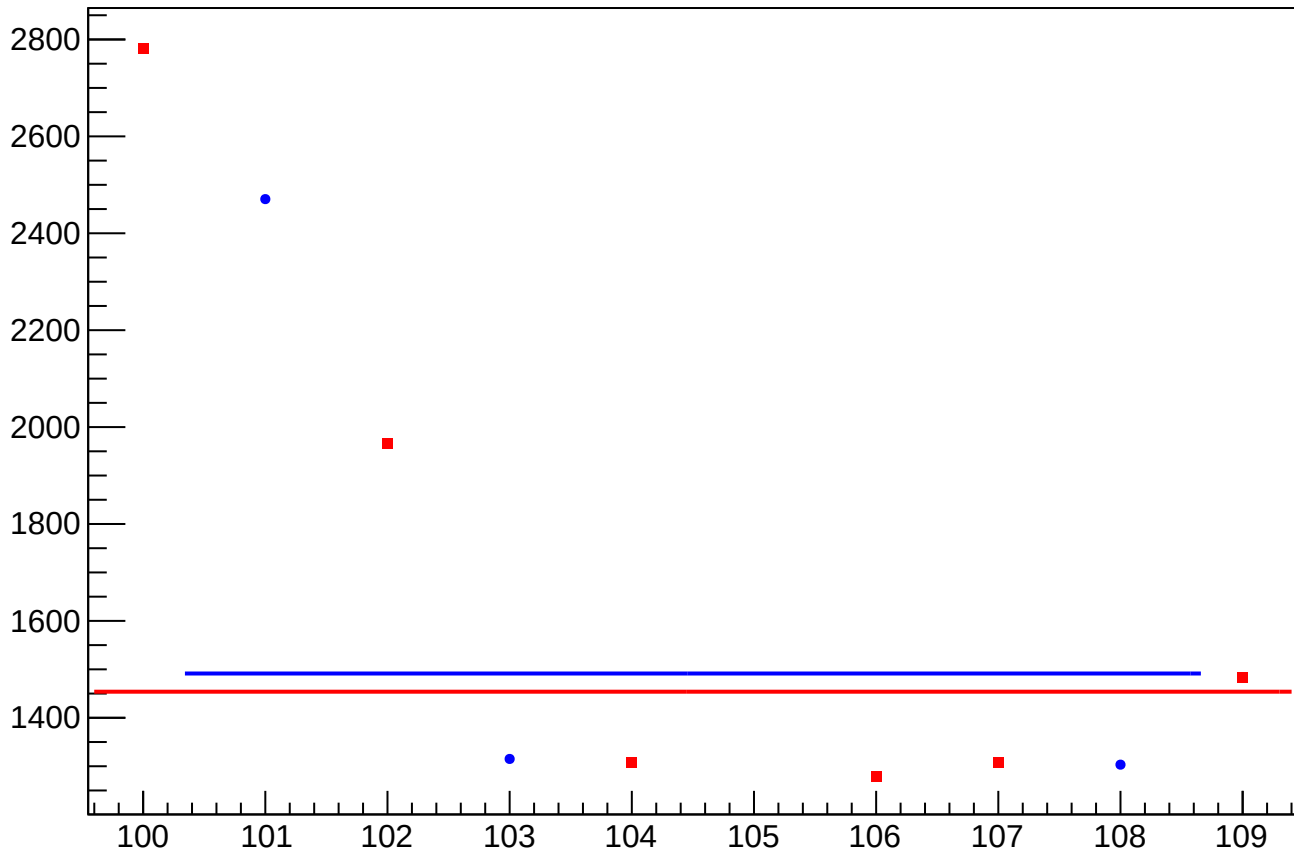
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -204.205 $\pm$ 772.013 χ^2 /NDF: 16.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1491.406 $\pm$ 0.851 χ^2 /NDF: 244772.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1453.858 $\pm$ 0.703 χ^2 /NDF: 139151.4/5

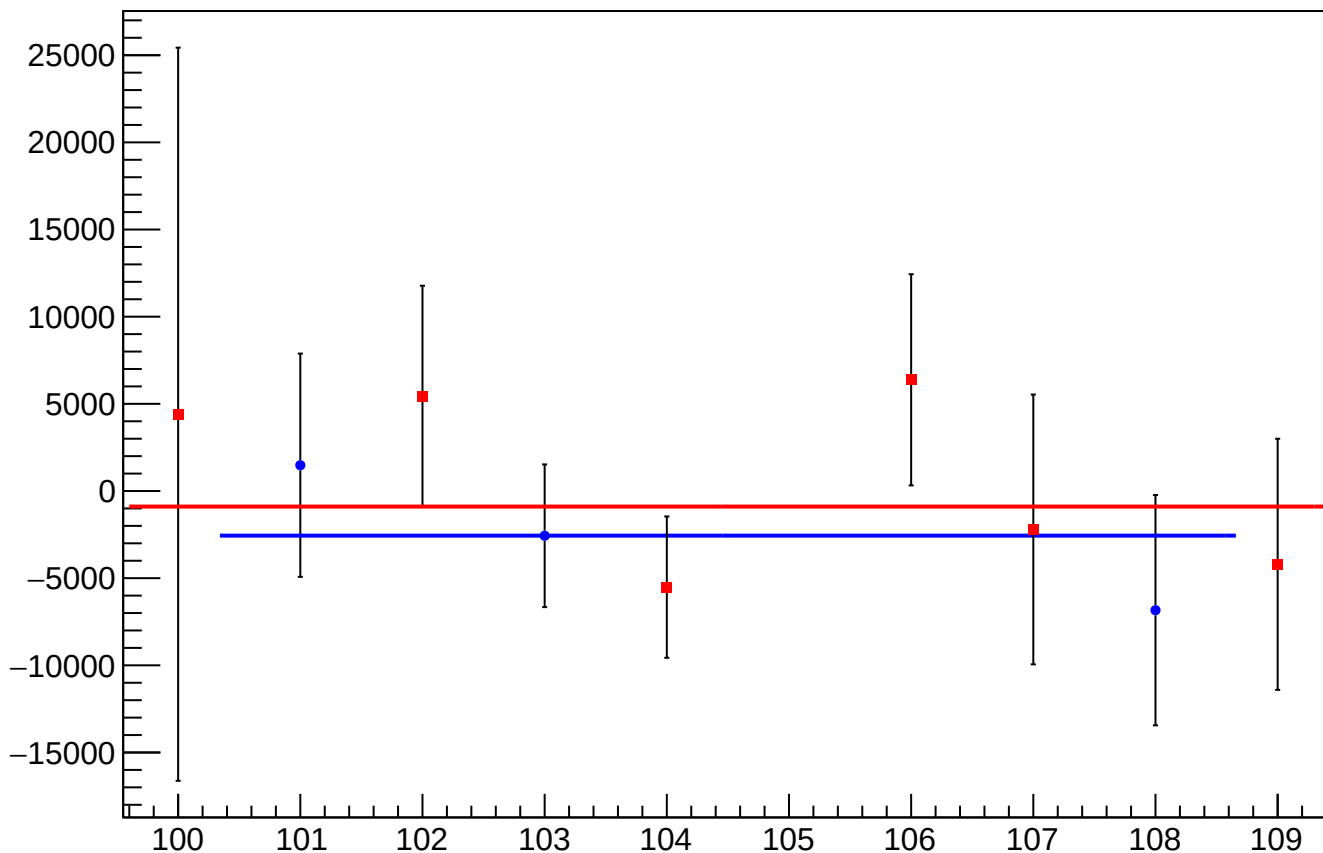
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1469.099 $\pm$ 0.542 χ^2 /NDF: 385080.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug



Right In: -2559.890 $\pm$ 3057.349 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -892.071 $\pm$ 2572.454 χ^2 /NDF: 4.0/5

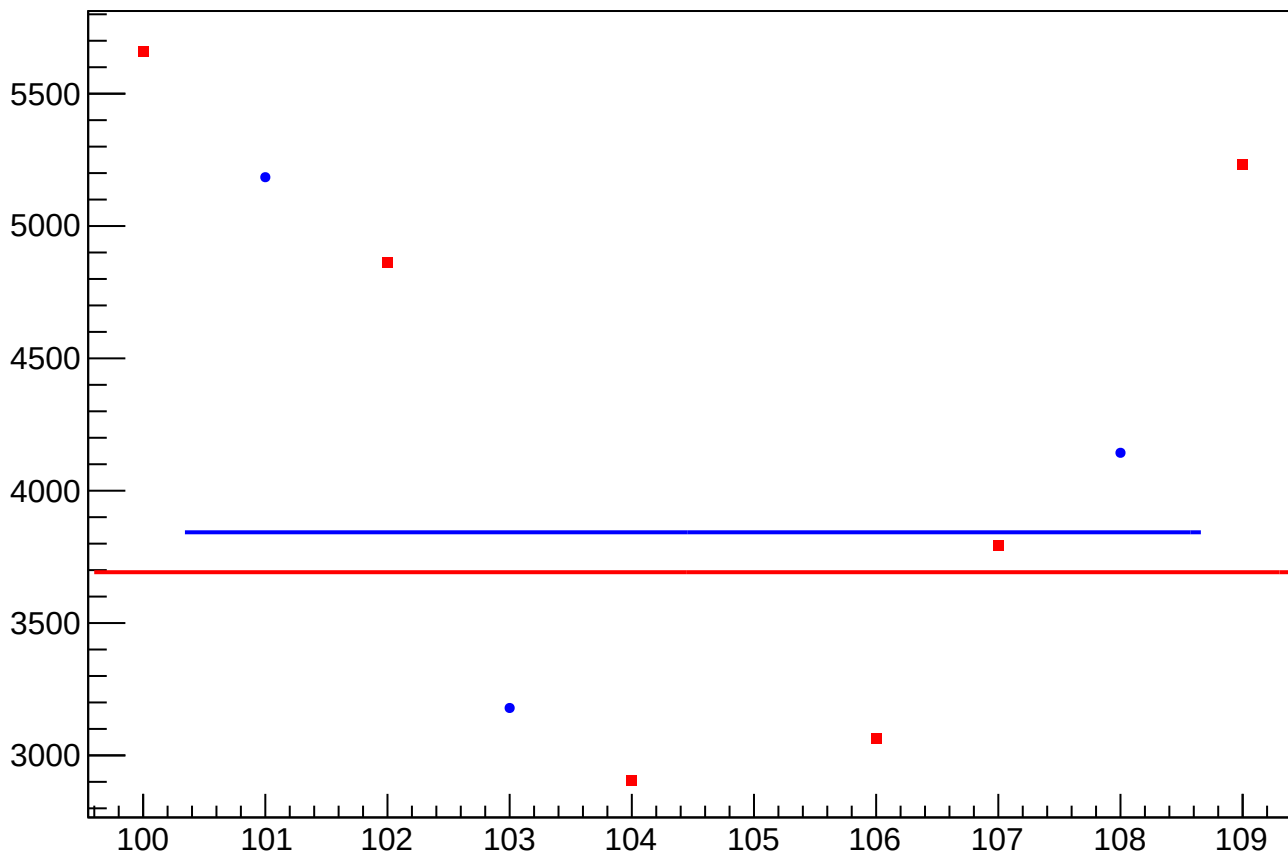
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1583.389 $\pm$ 1968.383 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug



Right In: 3842.873+/-2.162 χ^2/NDF : 144505.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3692.083+/-1.819 χ^2/NDF : 273605.4/5

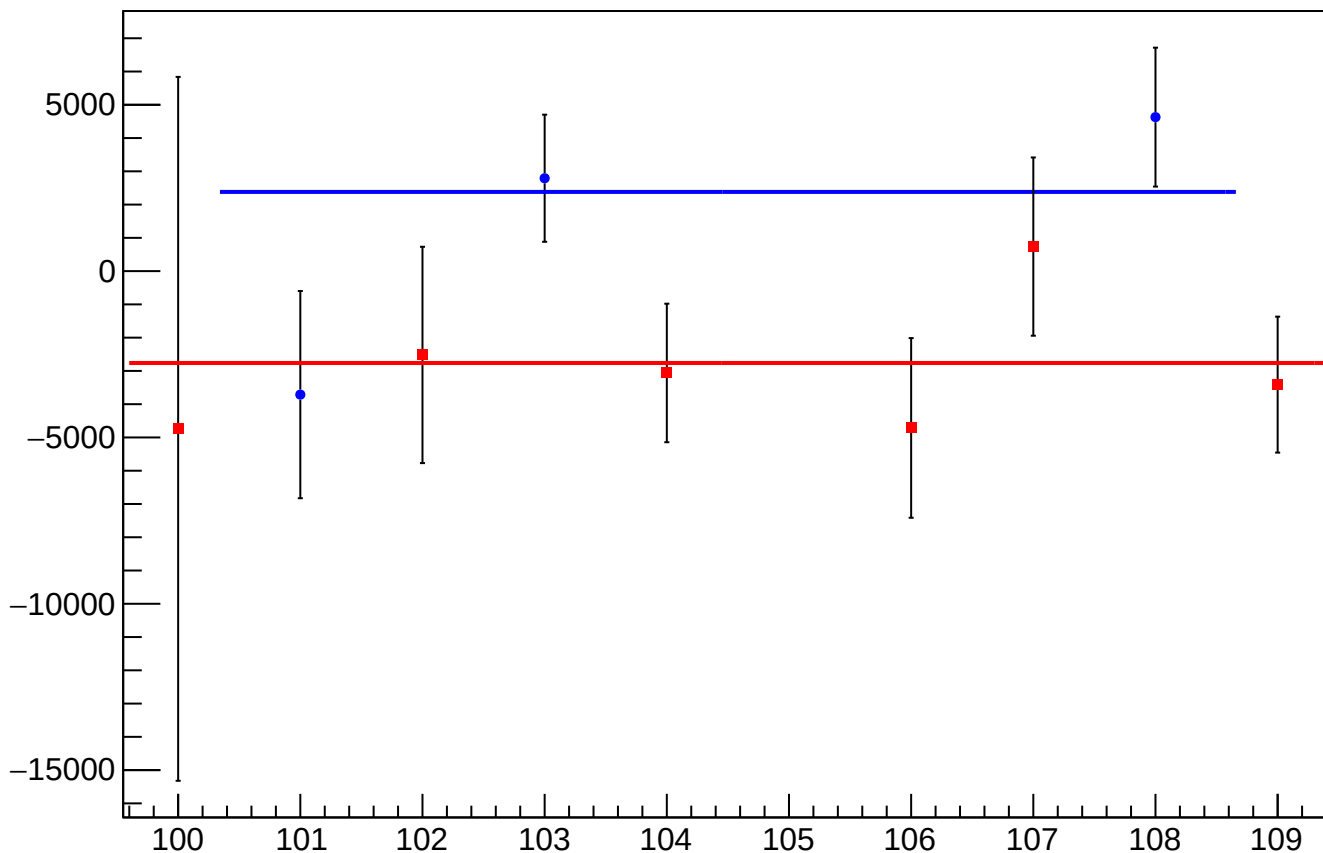
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3754.586+/-1.392 χ^2/NDF : 420959.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_mean vs Slug



Right In: 2381.262 $\pm$ 1284.103 χ^2 /NDF: 5.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2761.406 $\pm$ 1084.673 χ^2 /NDF: 2.4/5

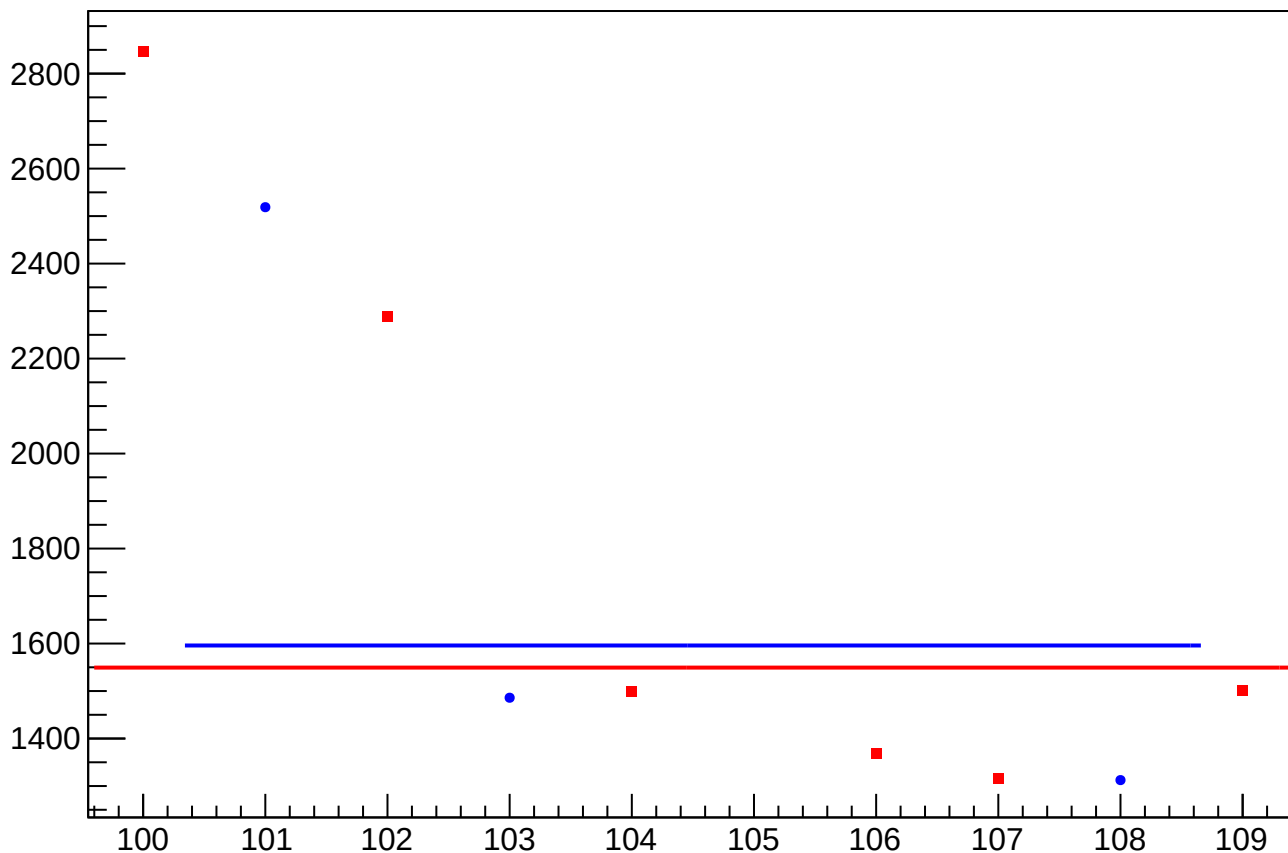
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -619.992 $\pm$ 828.621 χ^2 /NDF: 16.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1595.910+/-0.908 χ^2/NDF : 219082.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

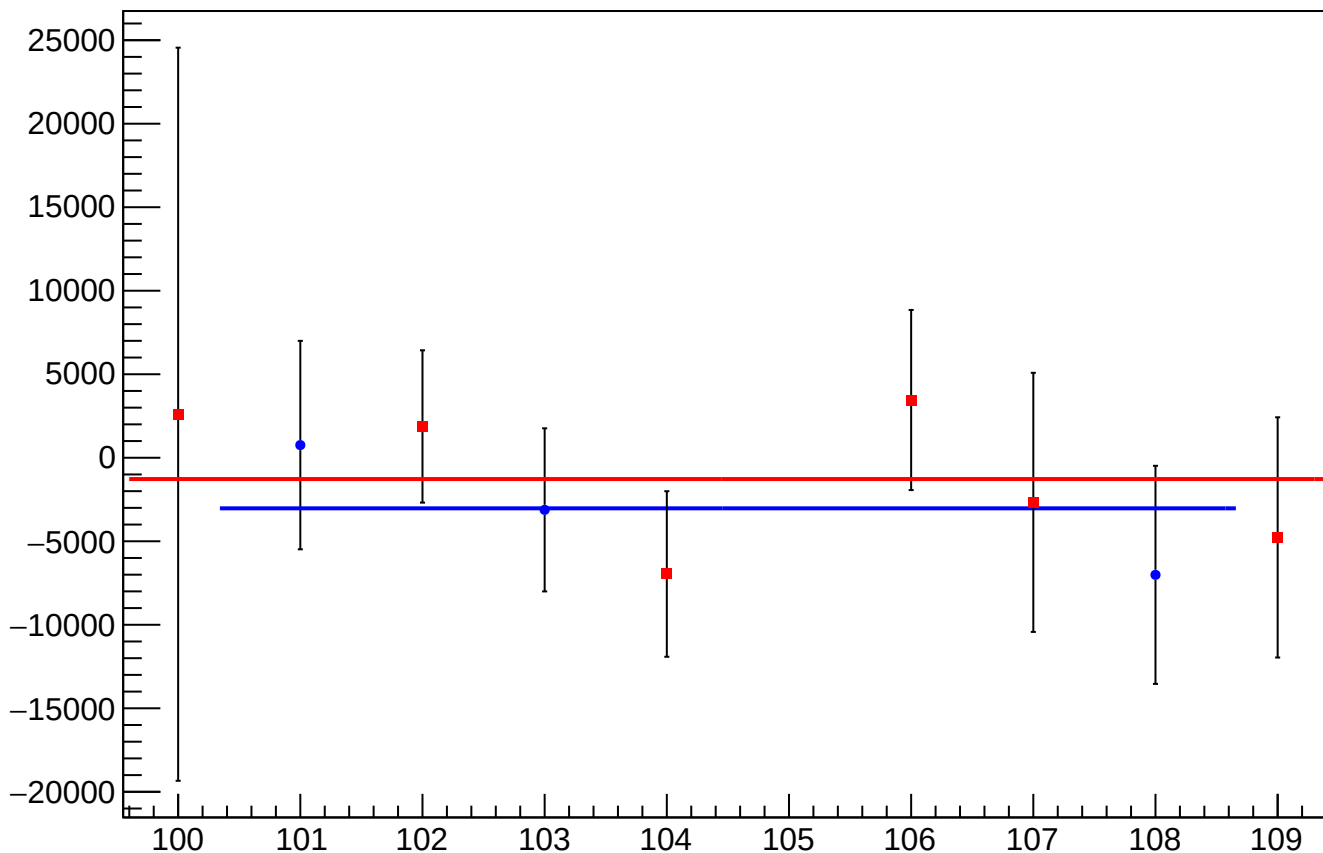
Right Out: 1549.367+/-0.765 χ^2/NDF : 160004.1/5

All: 1568.685+/-0.585 χ^2/NDF : 380623.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_mean vs Slug



Right In: -3028.222+/-3313.356 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1274.566+/-2490.297 χ^2/NDF : 2.9/5

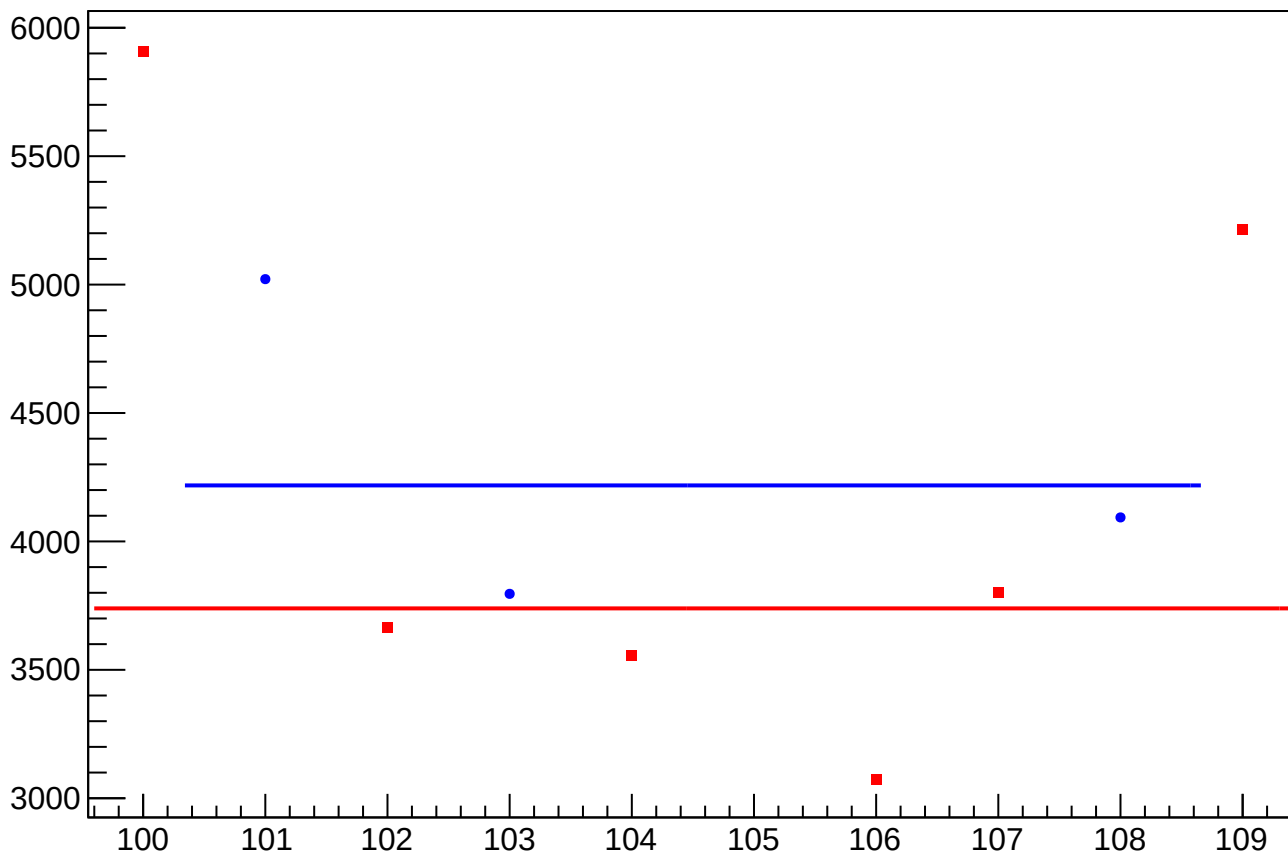
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1907.598+/-1990.714 χ^2/NDF : 3.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 4218.072 $\pm$ 2.343 χ^2 /NDF: 48820.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3739.226 $\pm$ 1.761 χ^2 /NDF: 137643.0/5

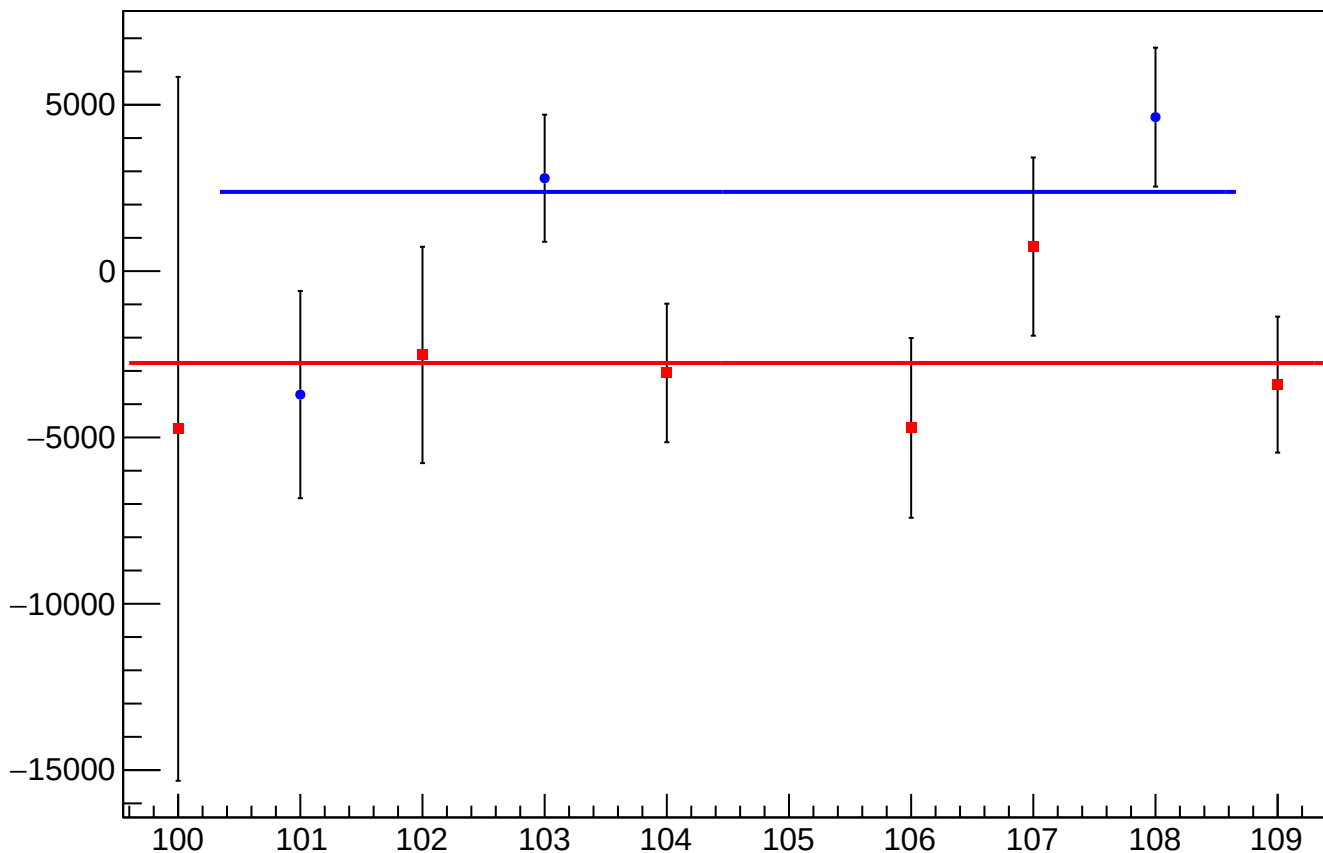
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3912.079 $\pm$ 1.408 χ^2 /NDF: 213157.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 2381.254+/-1284.102 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2761.399+/-1084.673 χ^2/NDF : 2.4/5

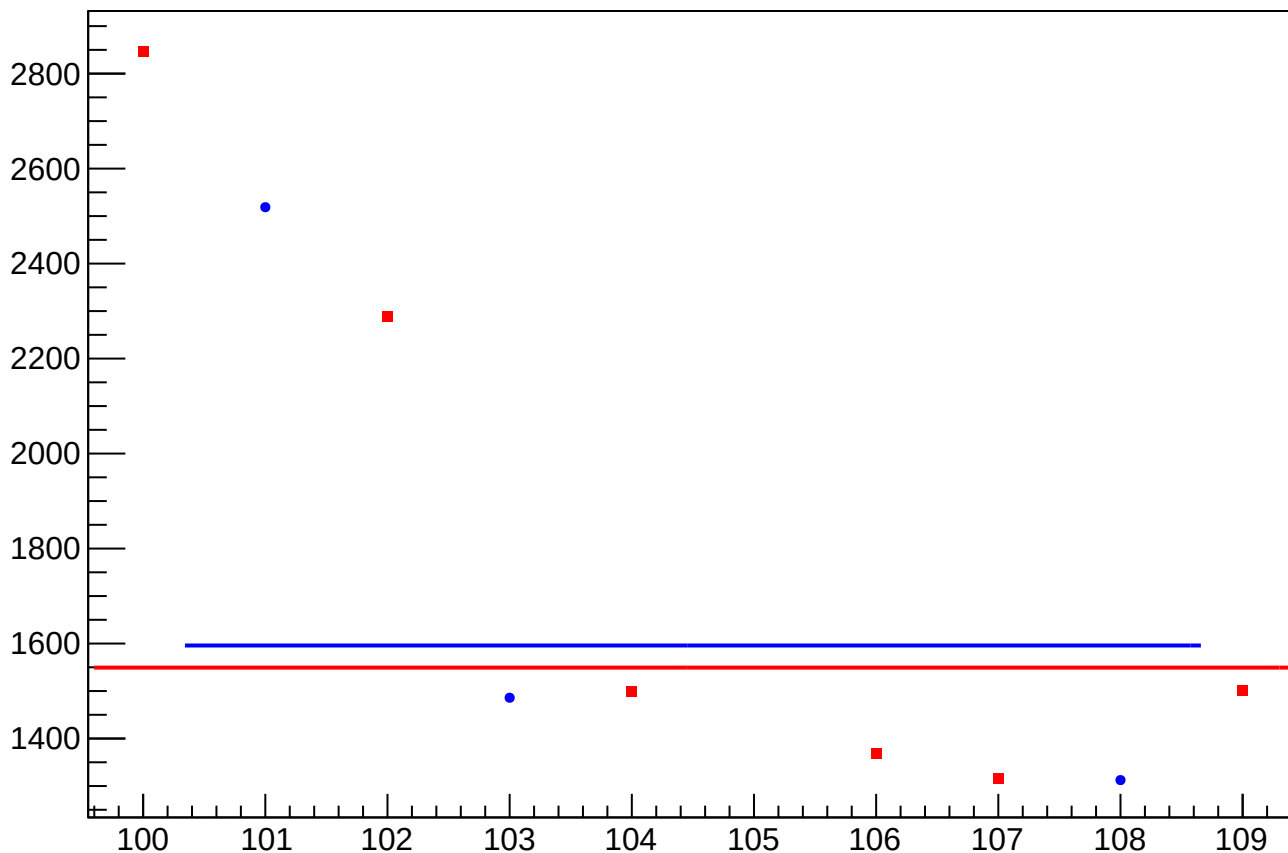
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -619.991+/-828.621 χ^2/NDF : 16.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1595.910+/-0.908 χ^2/NDF : 219082.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

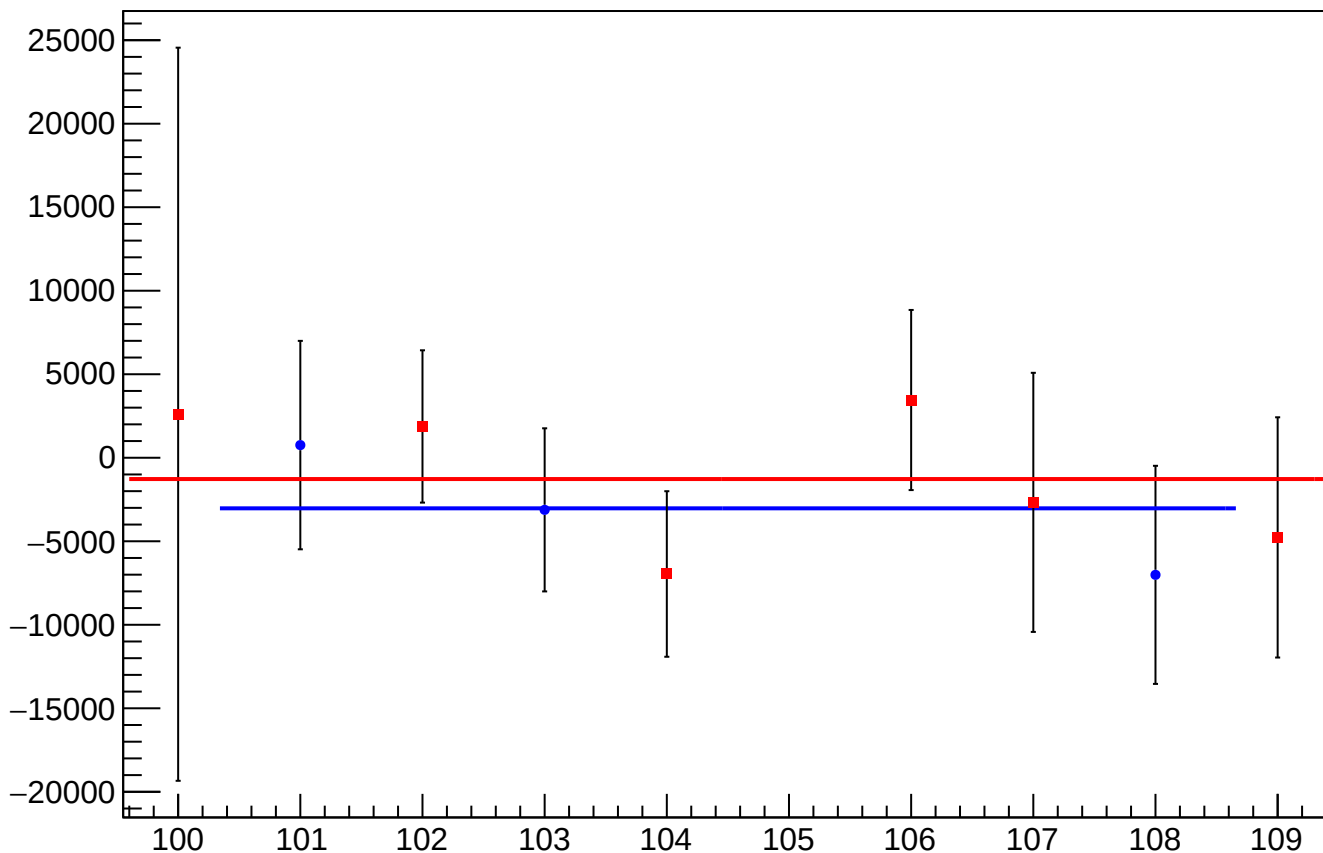
Right Out: 1549.367+/-0.765 χ^2/NDF : 160003.8/5

All: 1568.684+/-0.585 χ^2/NDF : 380623.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug



Right In: -3028.228+/-3313.355 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1274.562+/-2490.294 χ^2/NDF : 2.9/5

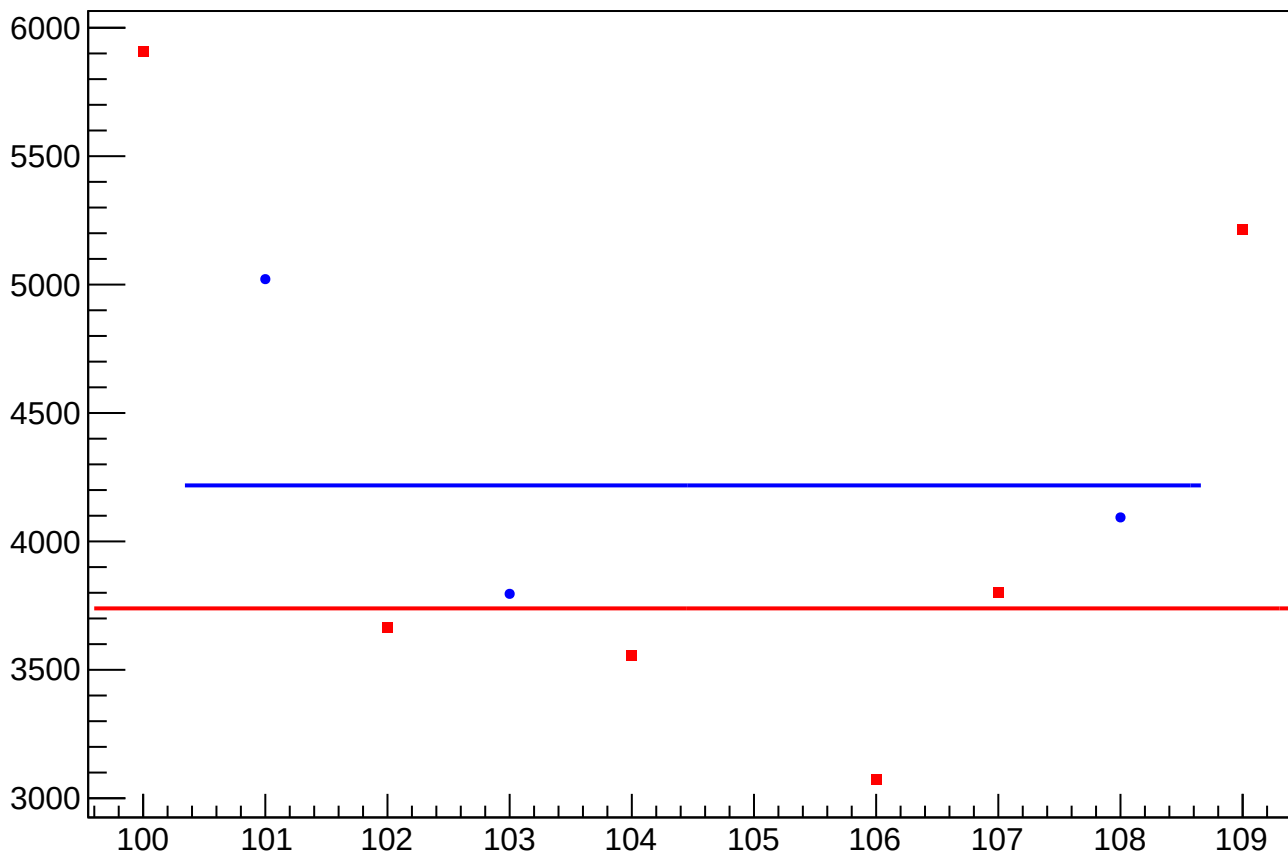
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1907.597+/-1990.712 χ^2/NDF : 3.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug



Right In: 4218.071 $\pm$ 2.343 χ^2 /NDF: 48820.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3739.222 $\pm$ 1.761 χ^2 /NDF: 137643.1/5

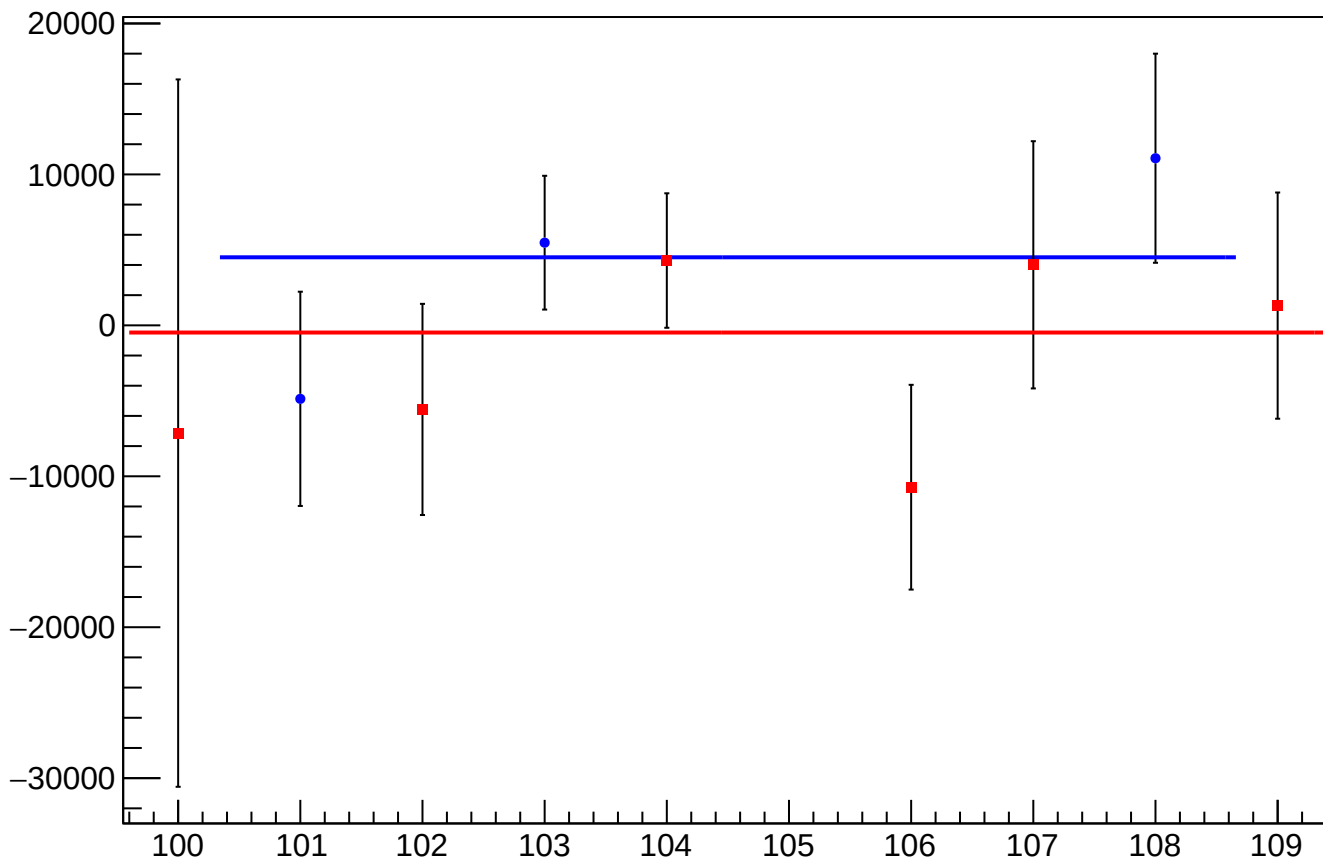
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3912.076 $\pm$ 1.408 χ^2 /NDF: 213157.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_mean vs Slug



Right In: 4507.994 $\pm$ 3304.024 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -476.028 $\pm$ 2804.944 χ^2 /NDF: 4.4/5

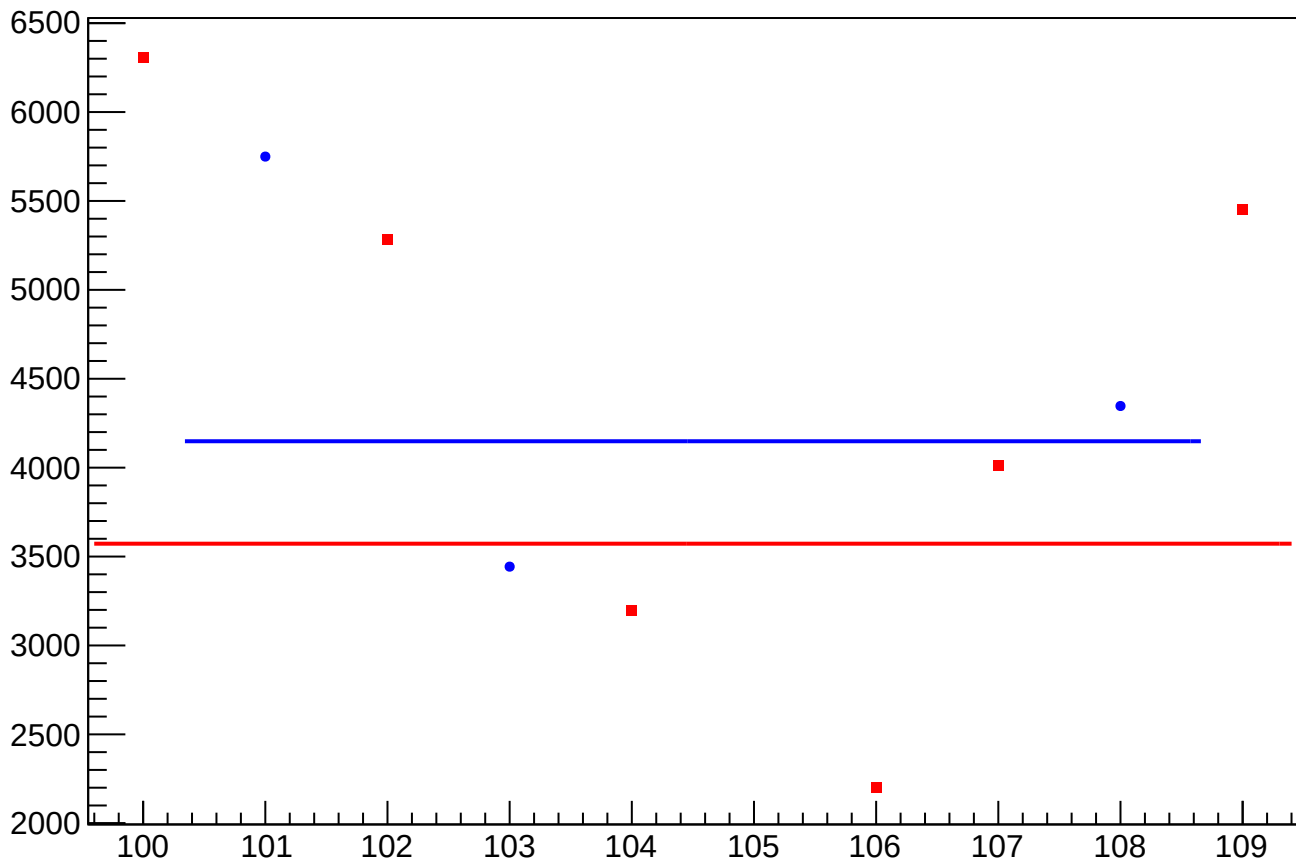
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1611.507 $\pm$ 2138.307 χ^2 /NDF: 8.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_rms vs Slug



Right In: 4148.565 $\pm$ 2.336 χ^2 /NDF: 154040.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3572.353 $\pm$ 1.826 χ^2 /NDF: 460040.9/5

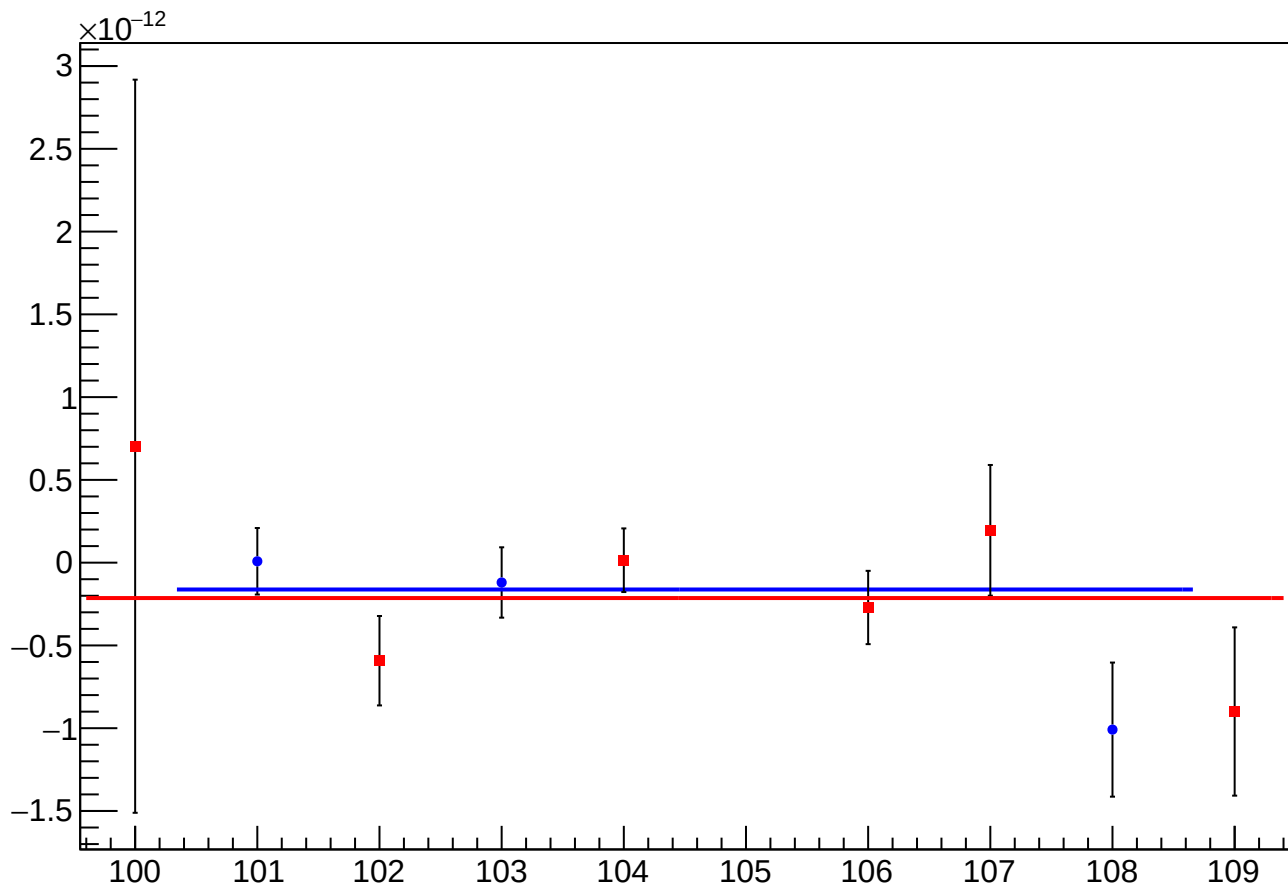
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3790.802 $\pm$ 1.439 χ^2 /NDF: 651848.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 5.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 6.5/5

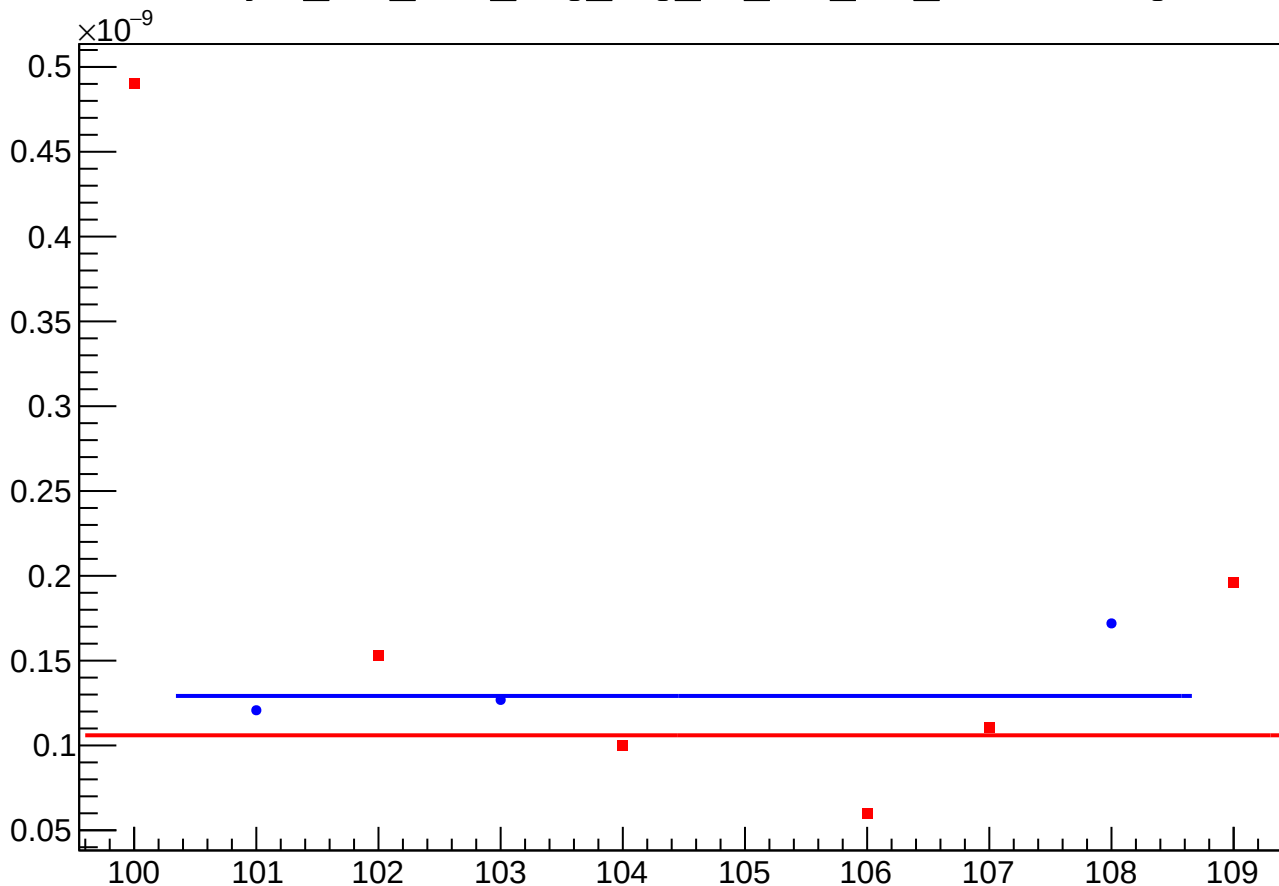
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 11.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 26064.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 273610.1/5

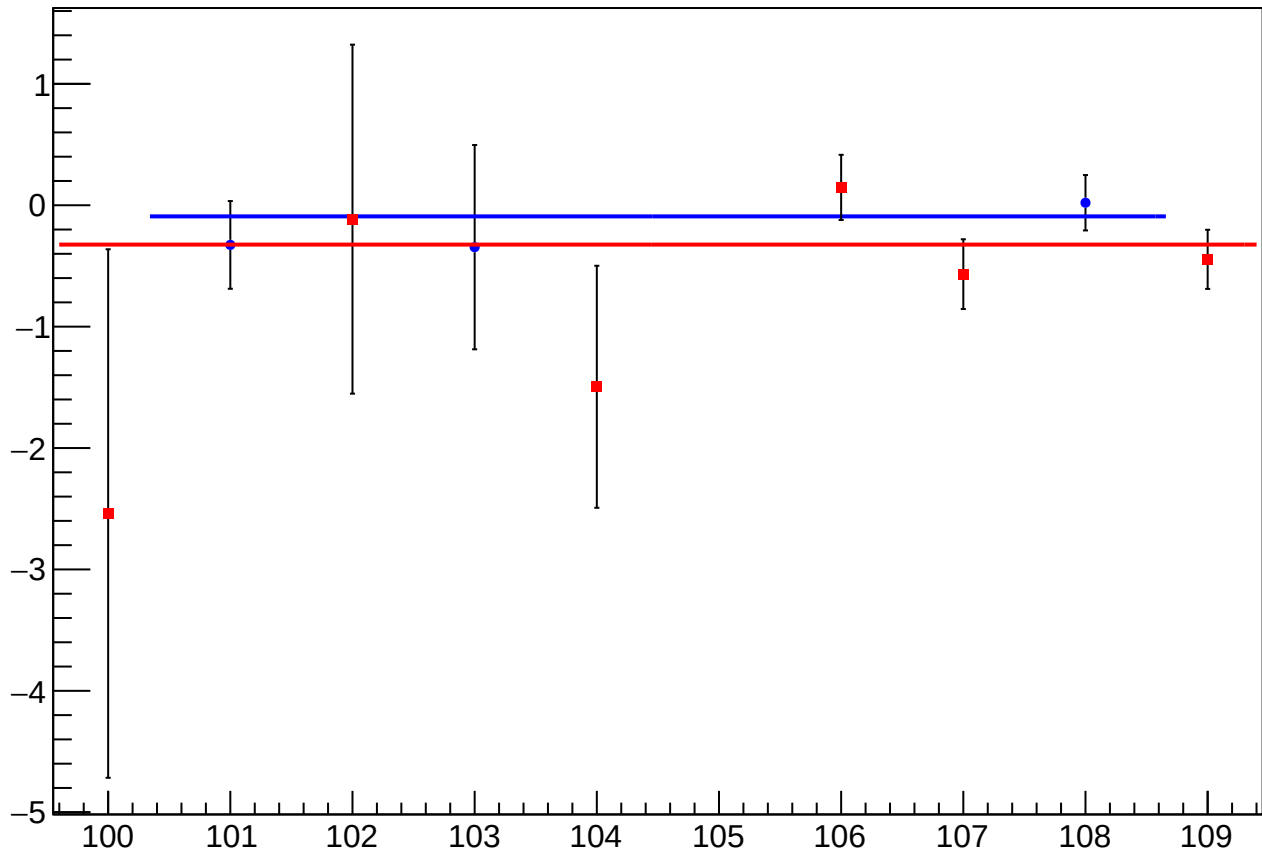
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 332498.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.092 ± 0.188 χ^2/NDF : 0.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.324 ± 0.150 χ^2/NDF : 6.5/5

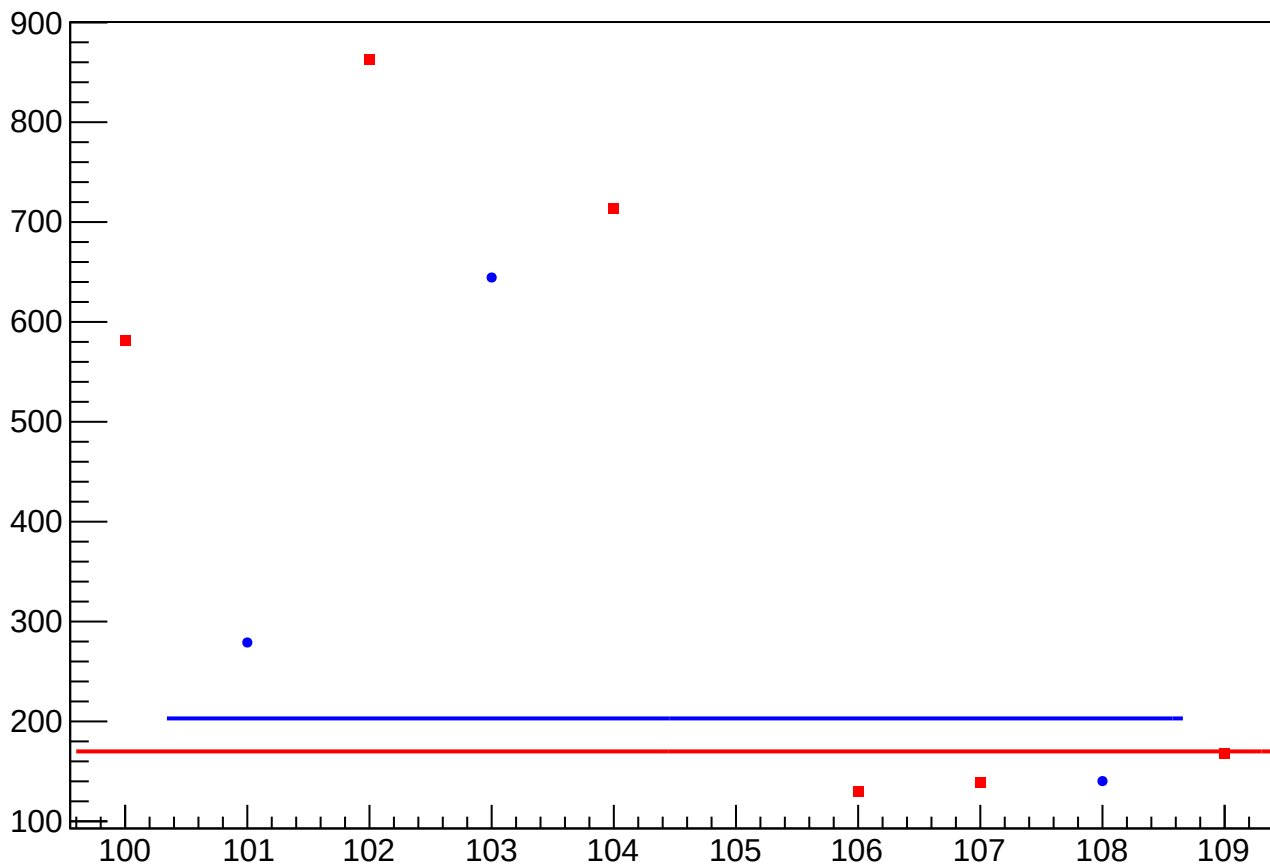
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.234 ± 0.117 χ^2/NDF : 8.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 203.006+/-0.133 χ^2/NDF : 790376.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.985+/-0.106 χ^2/NDF : 1198238.8/5

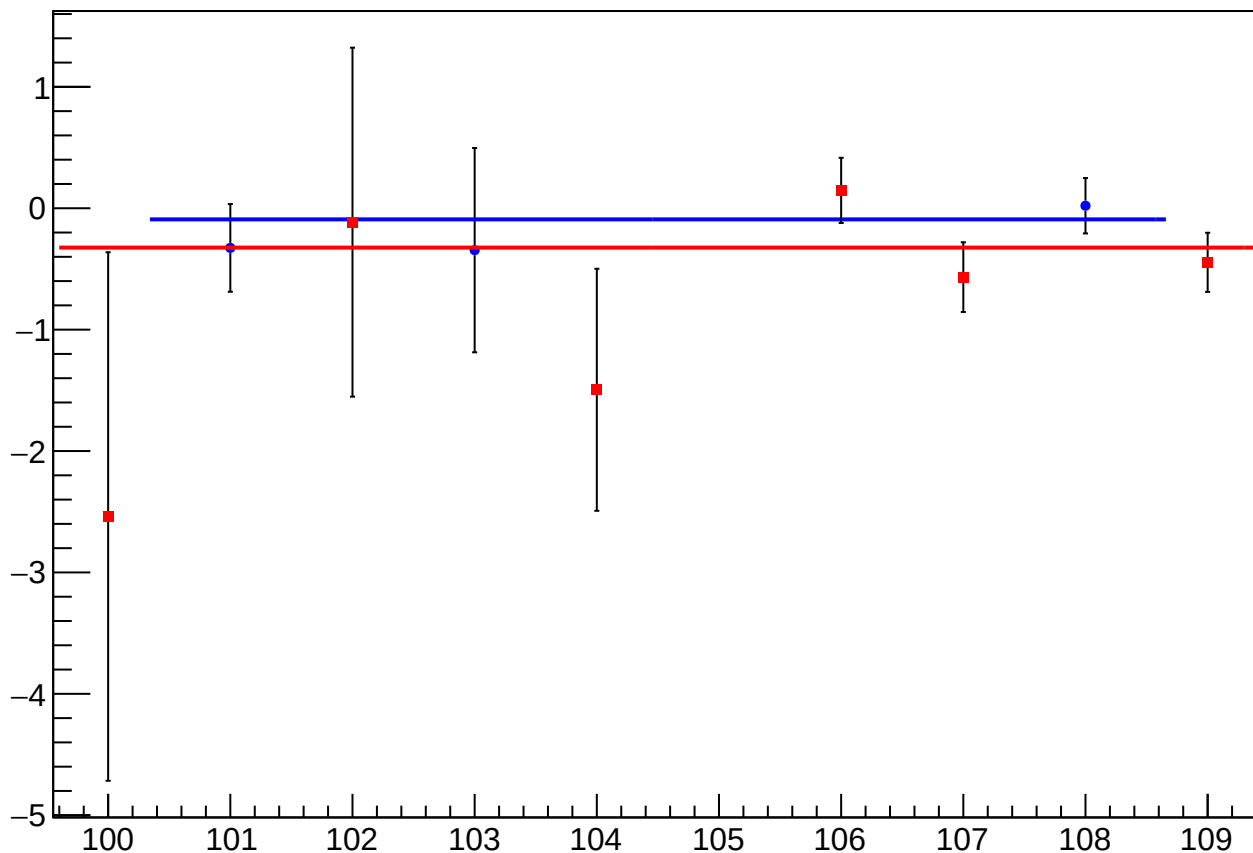
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.809+/-0.083 χ^2/NDF : 2026348.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.324 $\pm$ 0.150 χ^2 /NDF: 6.5/5

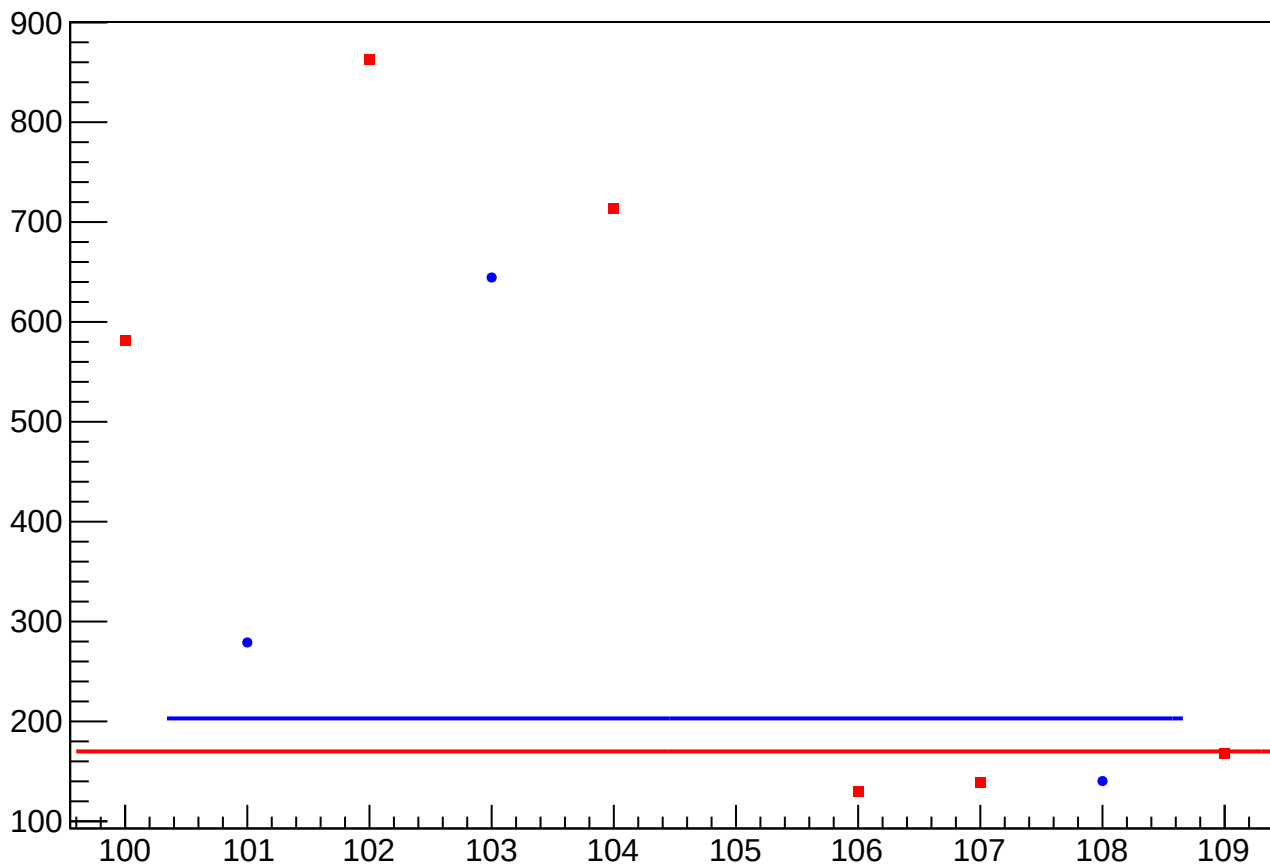
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.234 $\pm$ 0.117 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 203.006 $\pm$ 0.133 χ^2 /NDF: 790376.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.985 $\pm$ 0.106 χ^2 /NDF: 1198238.8/5

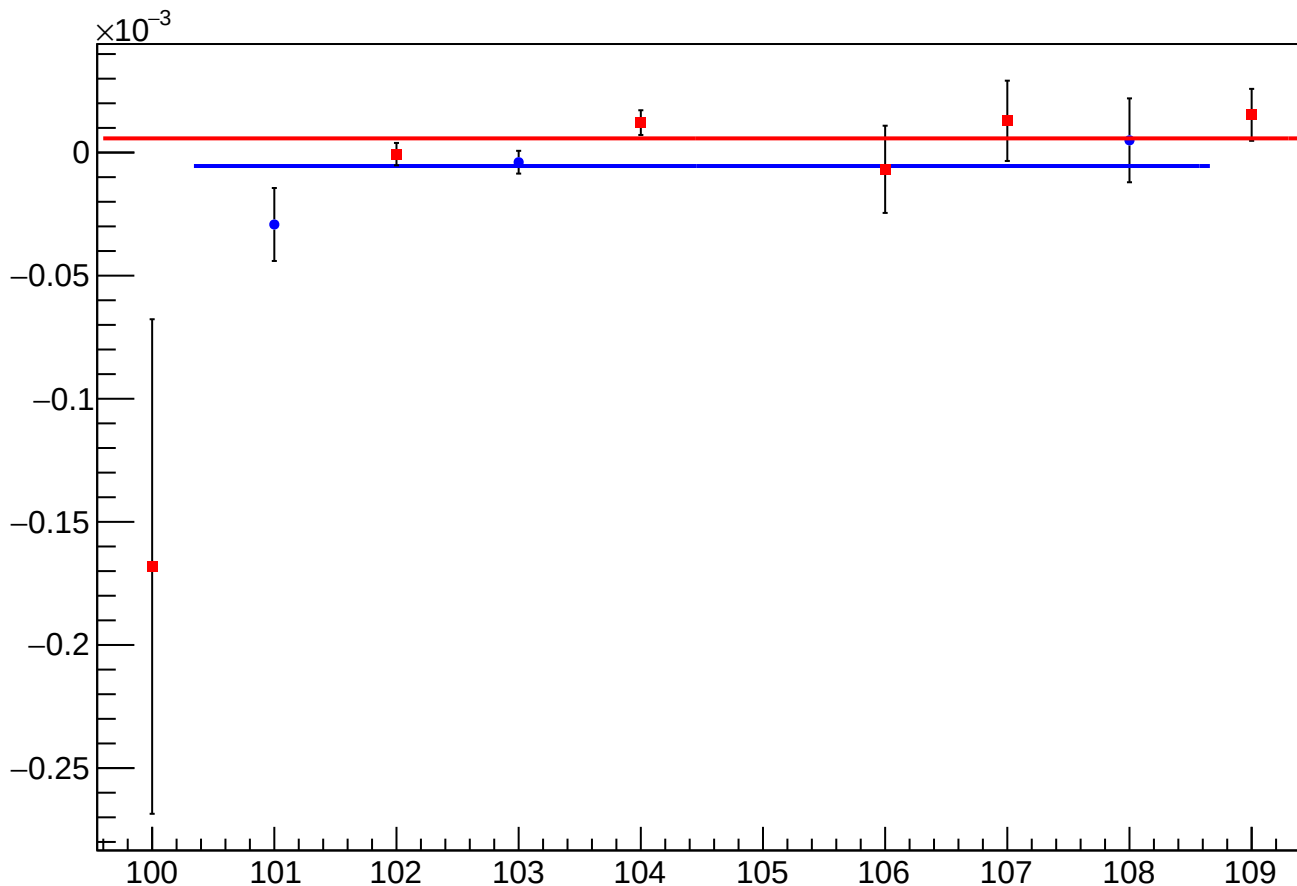
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.809 $\pm$ 0.083 χ^2 /NDF: 2026348.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 3.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 8.1/5

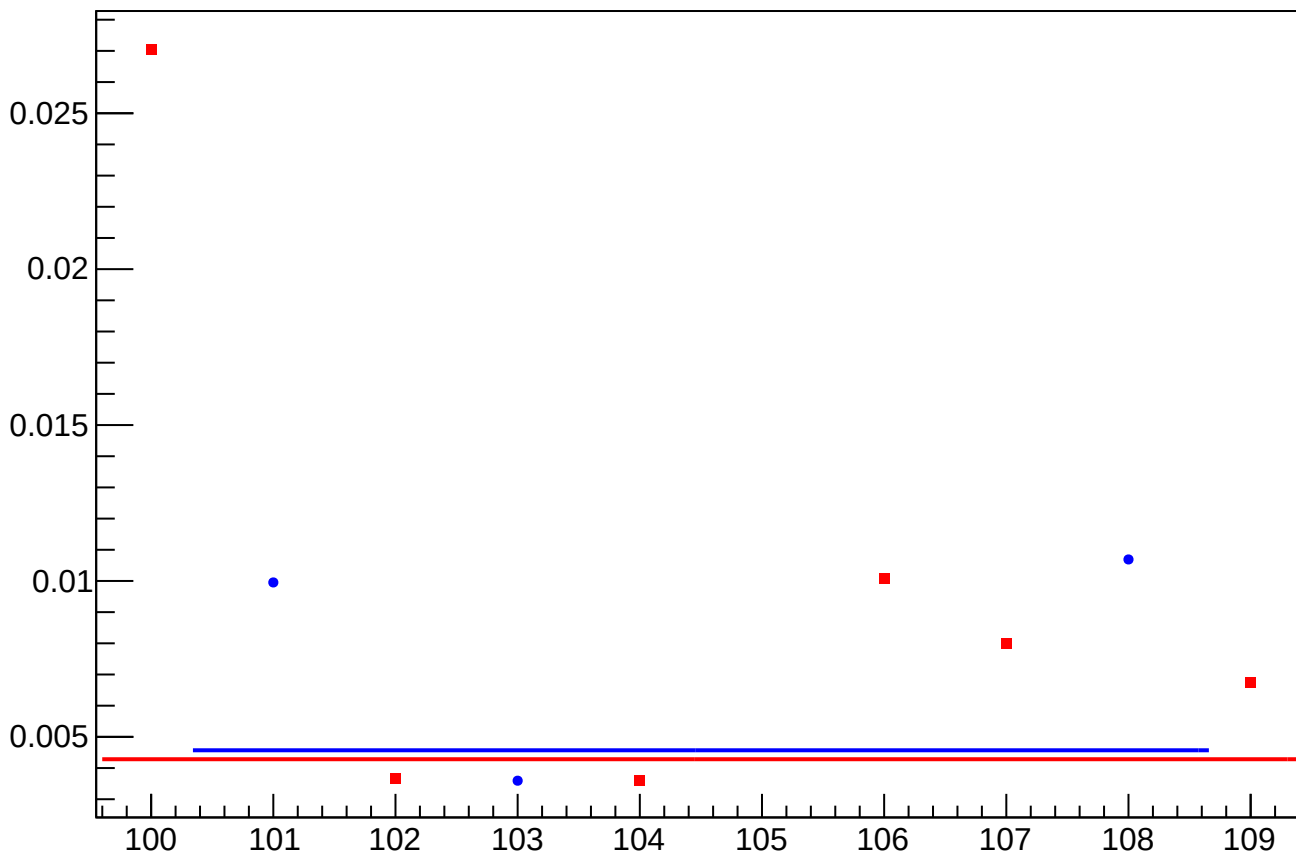
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 15.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 611028.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 600009.4/5

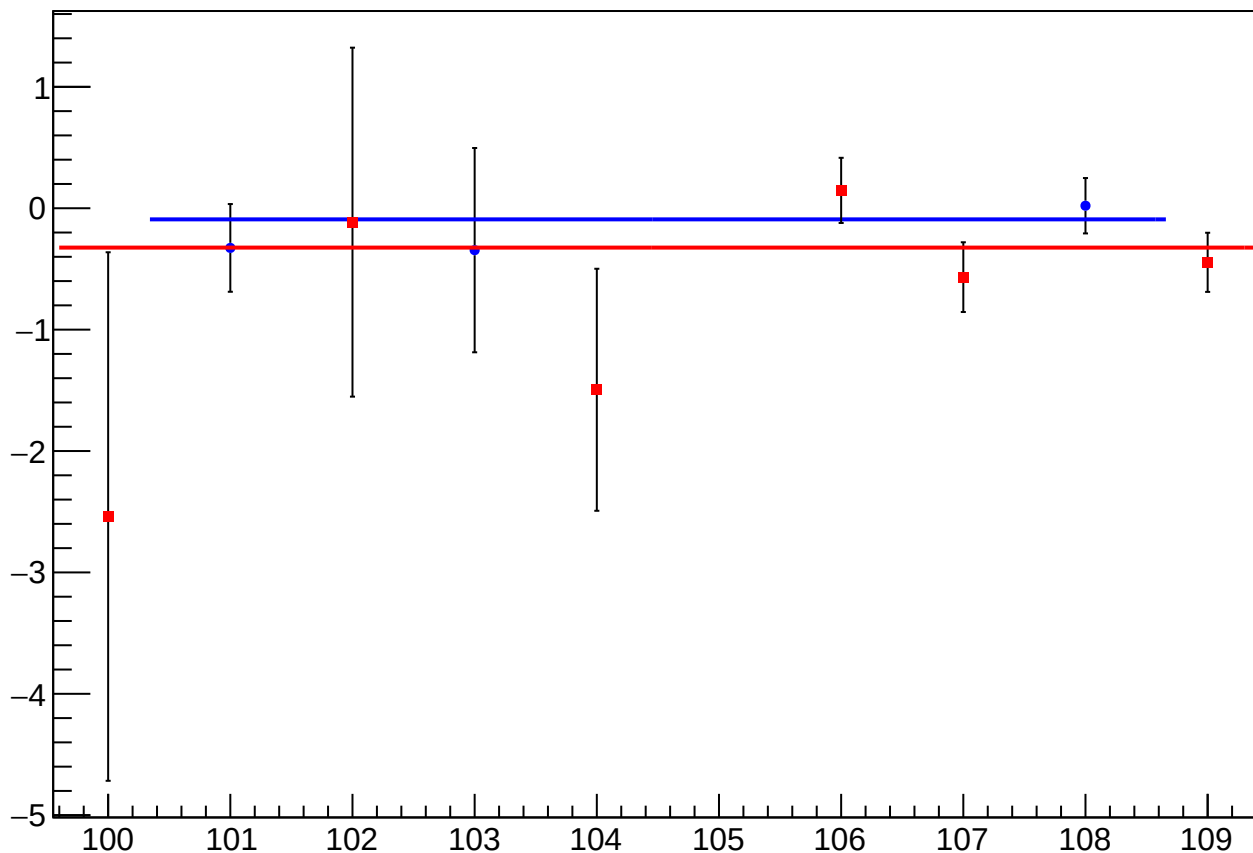
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1216953.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.324 $\pm$ 0.150 χ^2 /NDF: 6.5/5

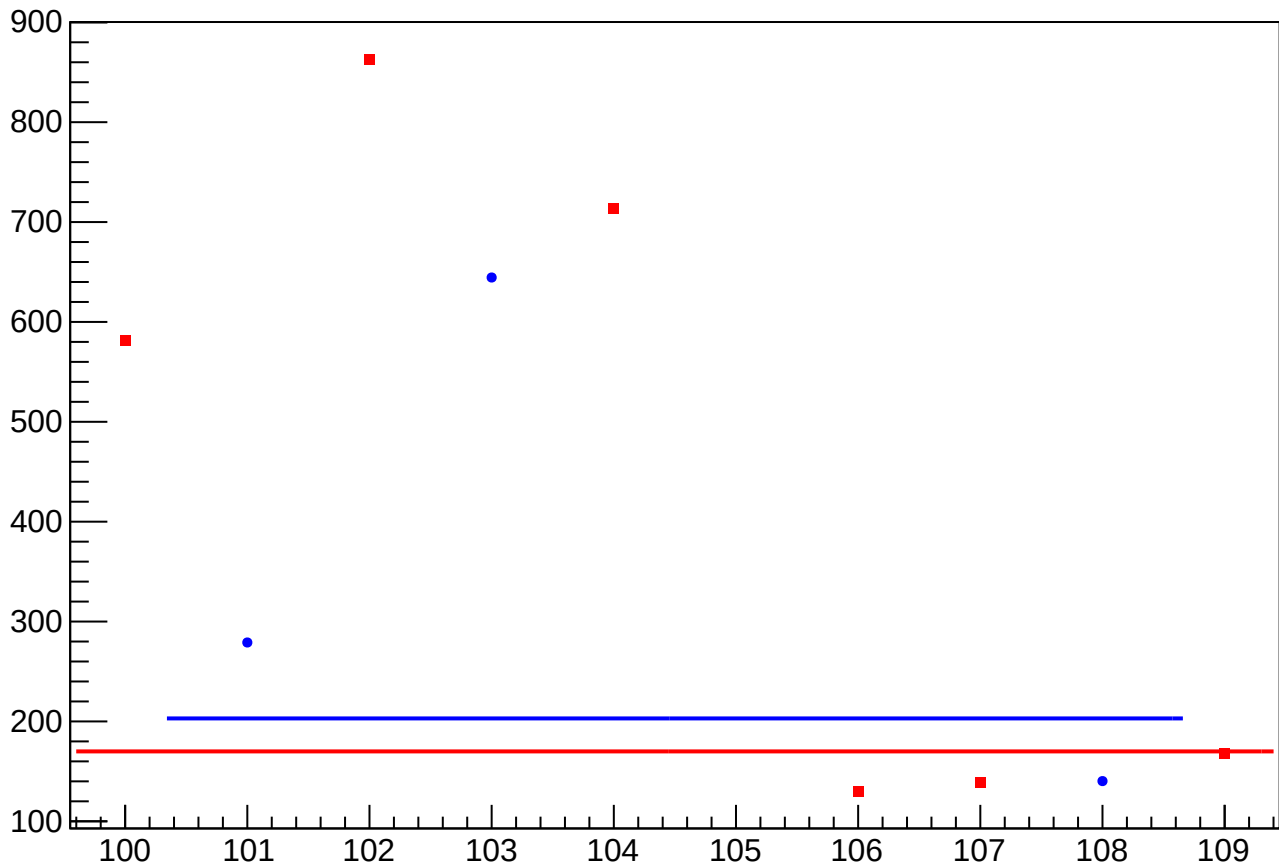
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.234 $\pm$ 0.117 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 203.004 $\pm$ 0.133 χ^2 /NDF: 790381.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.984 $\pm$ 0.106 χ^2 /NDF: 1198239.1/5

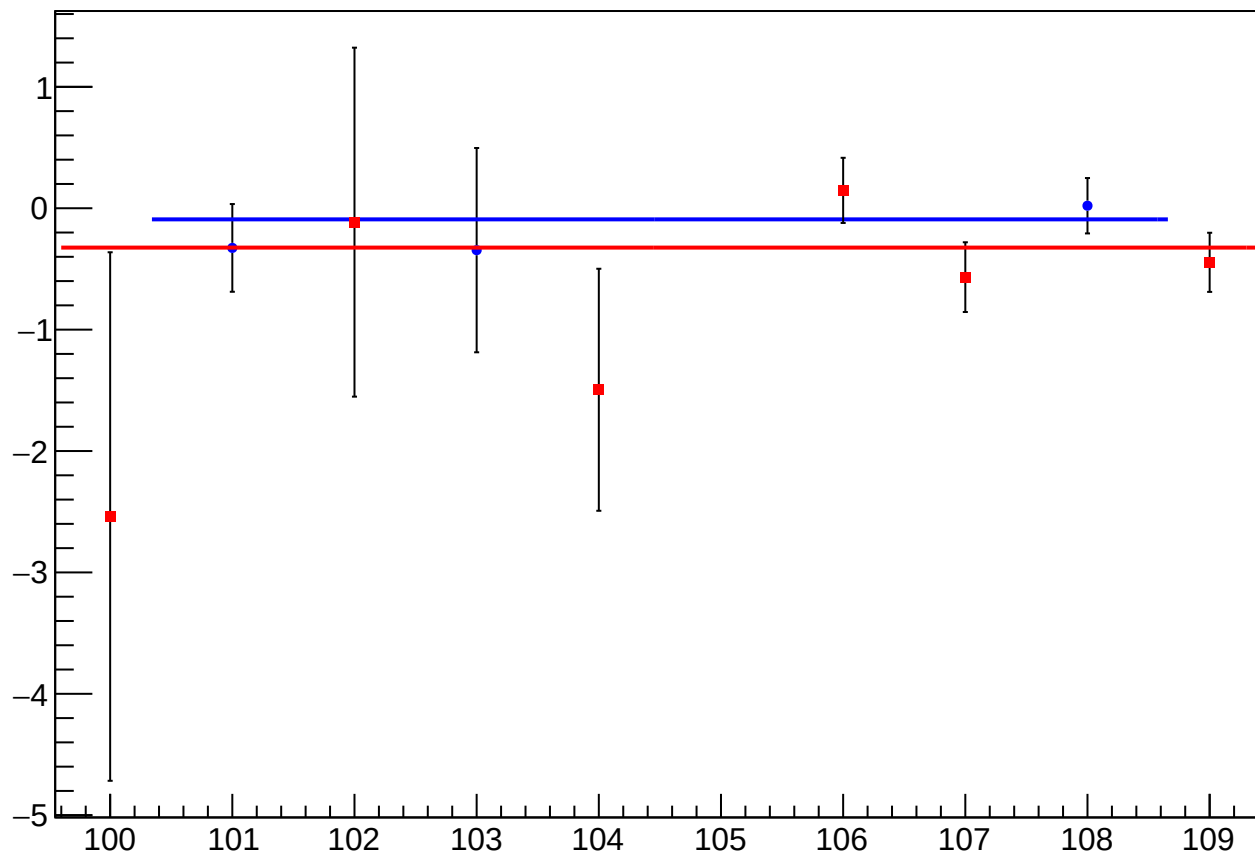
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.808 $\pm$ 0.083 χ^2 /NDF: 2026351.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.092 $\pm$ 0.188 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.324 $\pm$ 0.150 χ^2 /NDF: 6.5/5

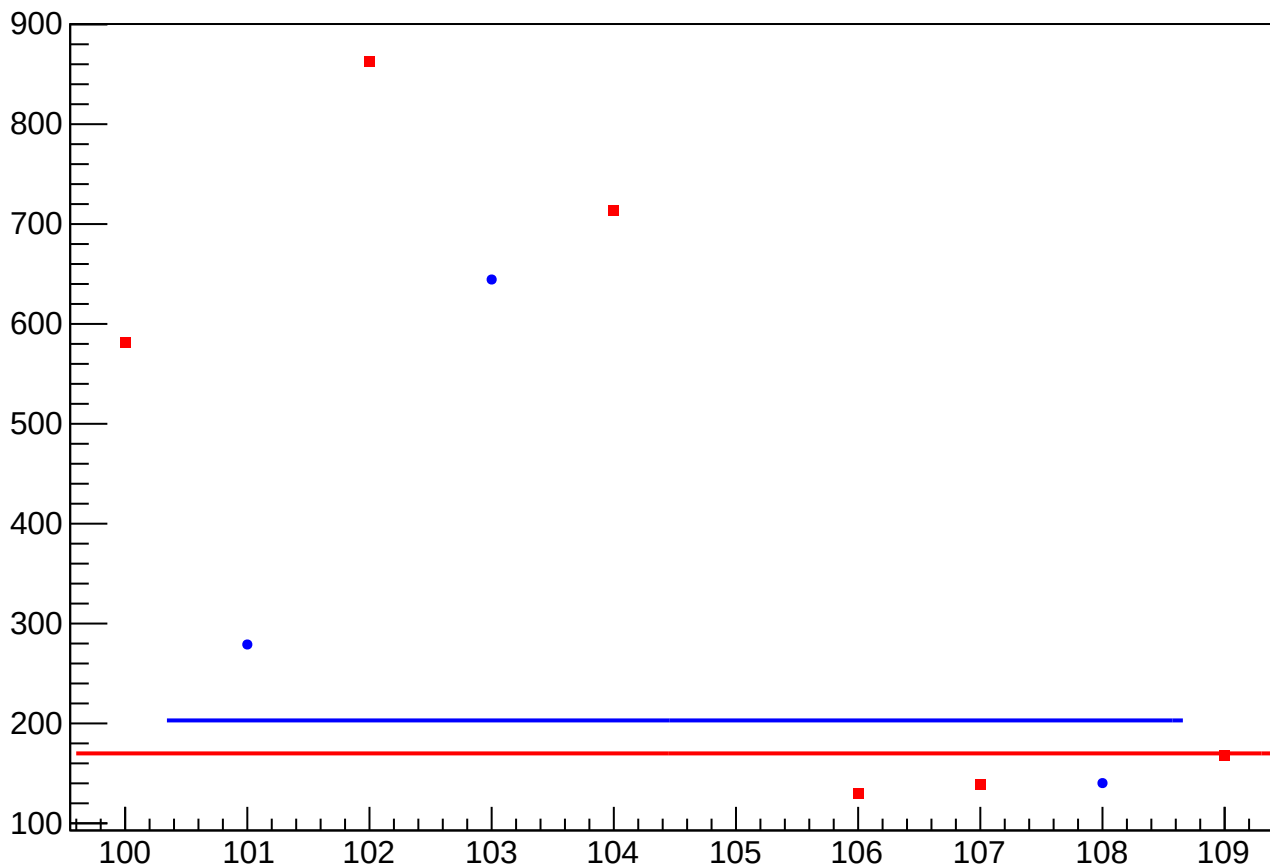
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.234 $\pm$ 0.117 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 203.004 $\pm$ 0.133 χ^2 /NDF: 790381.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.984 $\pm$ 0.106 χ^2 /NDF: 1198239.1/5

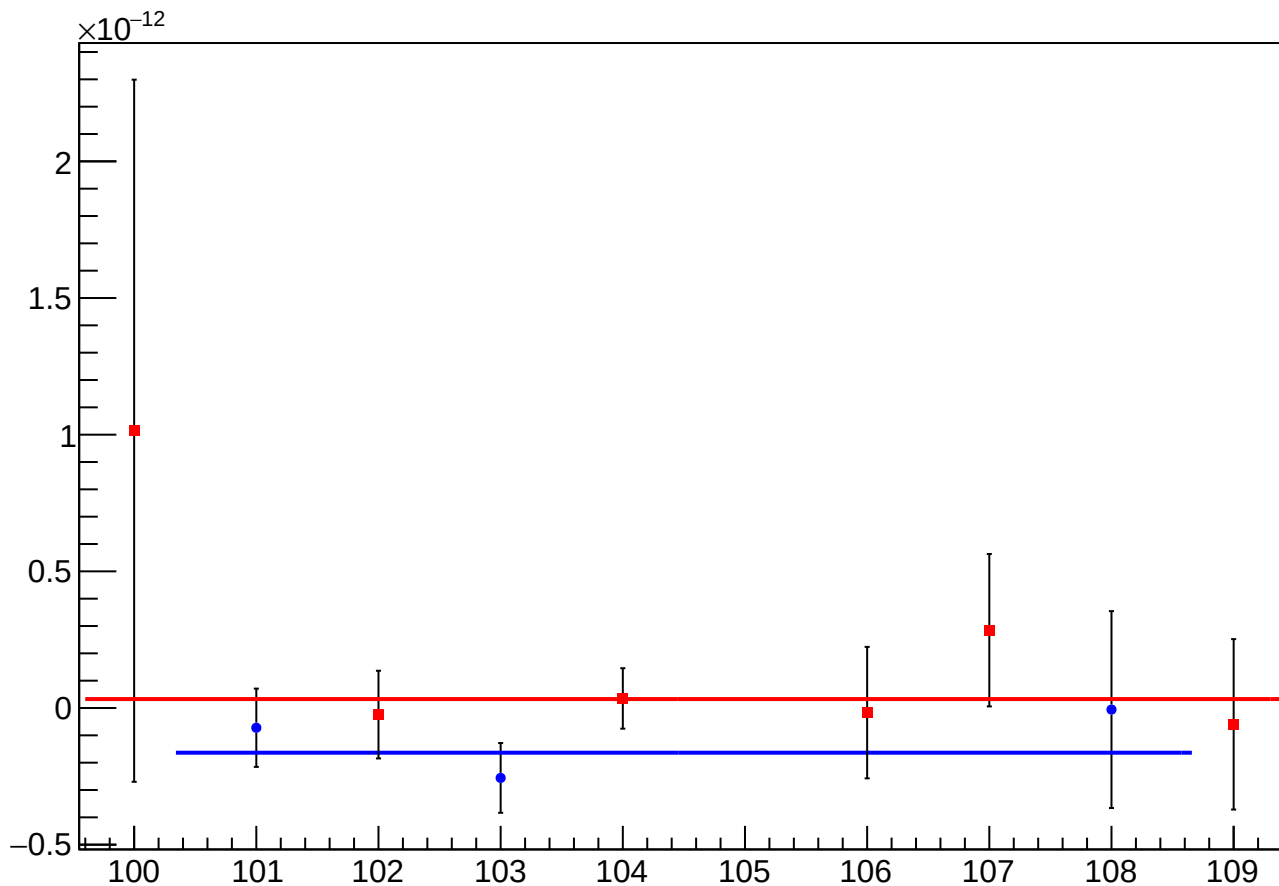
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.808 $\pm$ 0.083 χ^2 /NDF: 2026351.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.7/5

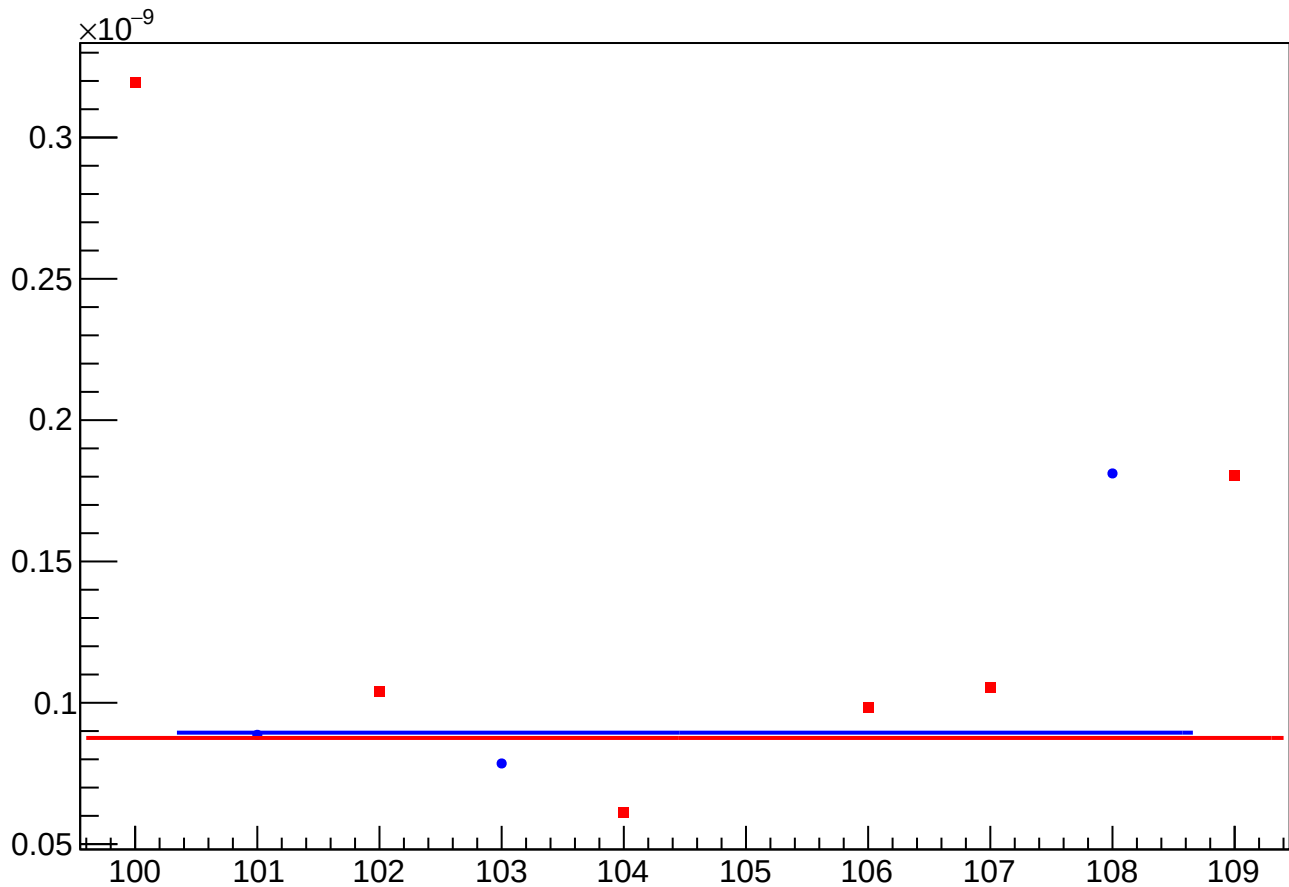
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 144297.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 390398.1/5

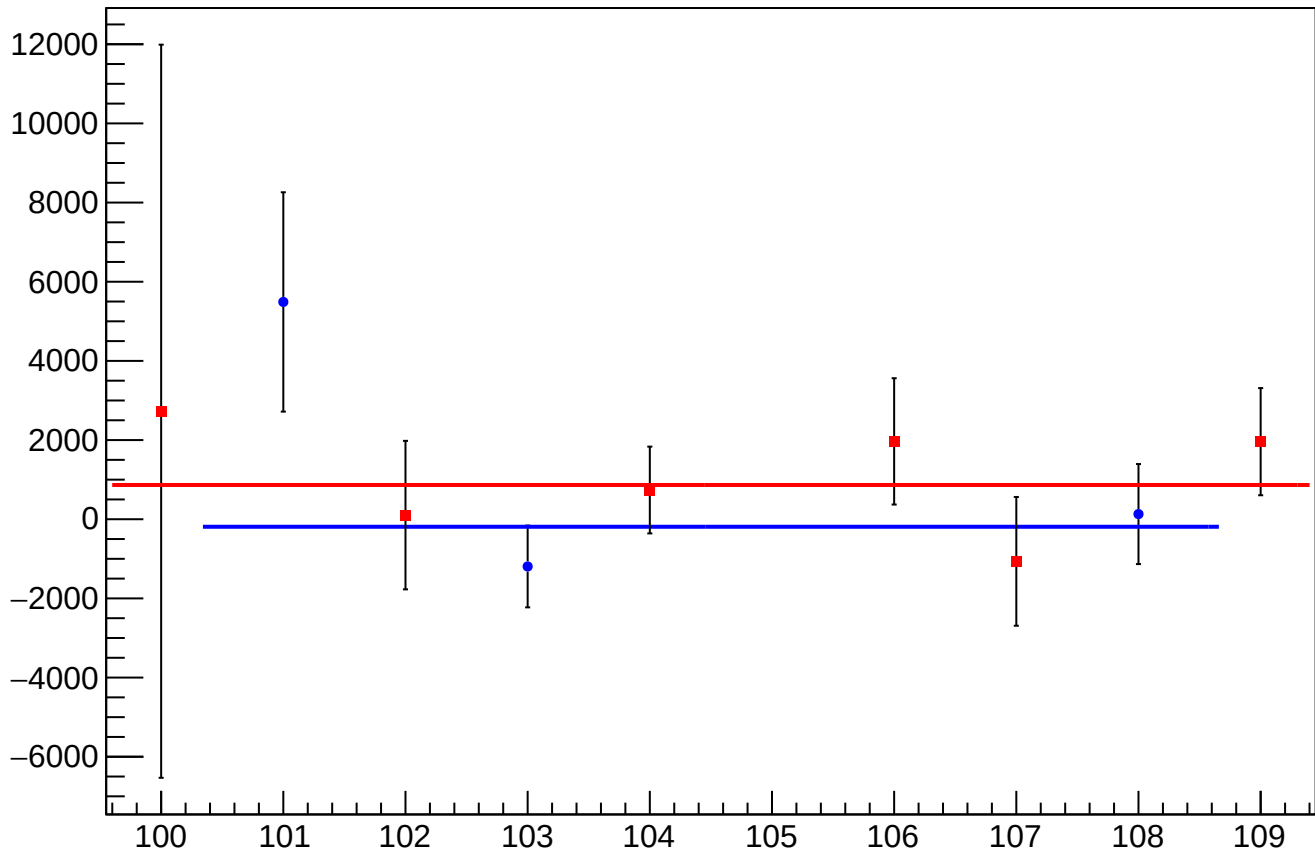
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 535172.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -190.069+/-768.309 χ^2/NDF : 5.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 865.395+/-639.572 χ^2/NDF : 2.8/5

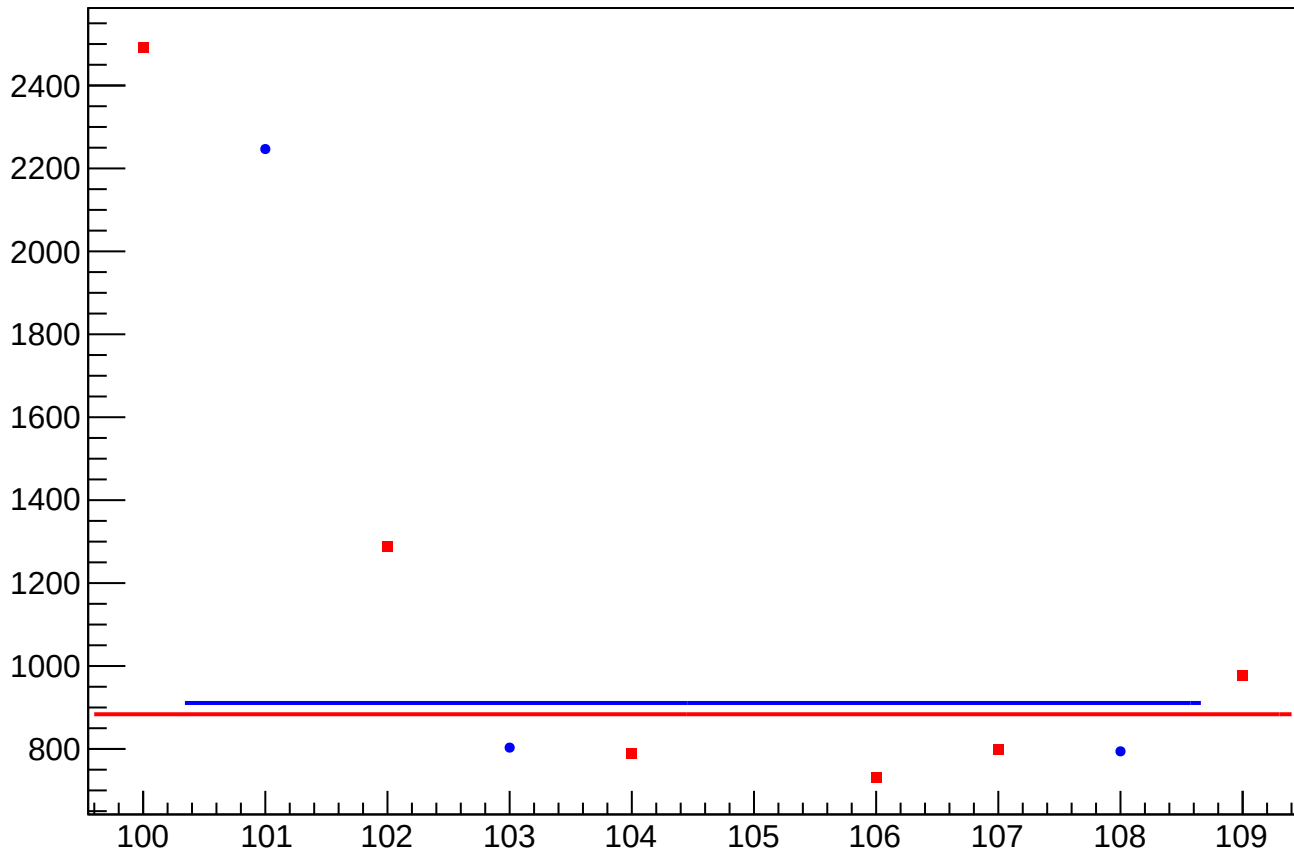
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.375+/-491.548 χ^2/NDF : 9.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 910.889+/-0.543 χ^2/NDF : 503644.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 883.669+/-0.443 χ^2/NDF : 206261.3/5

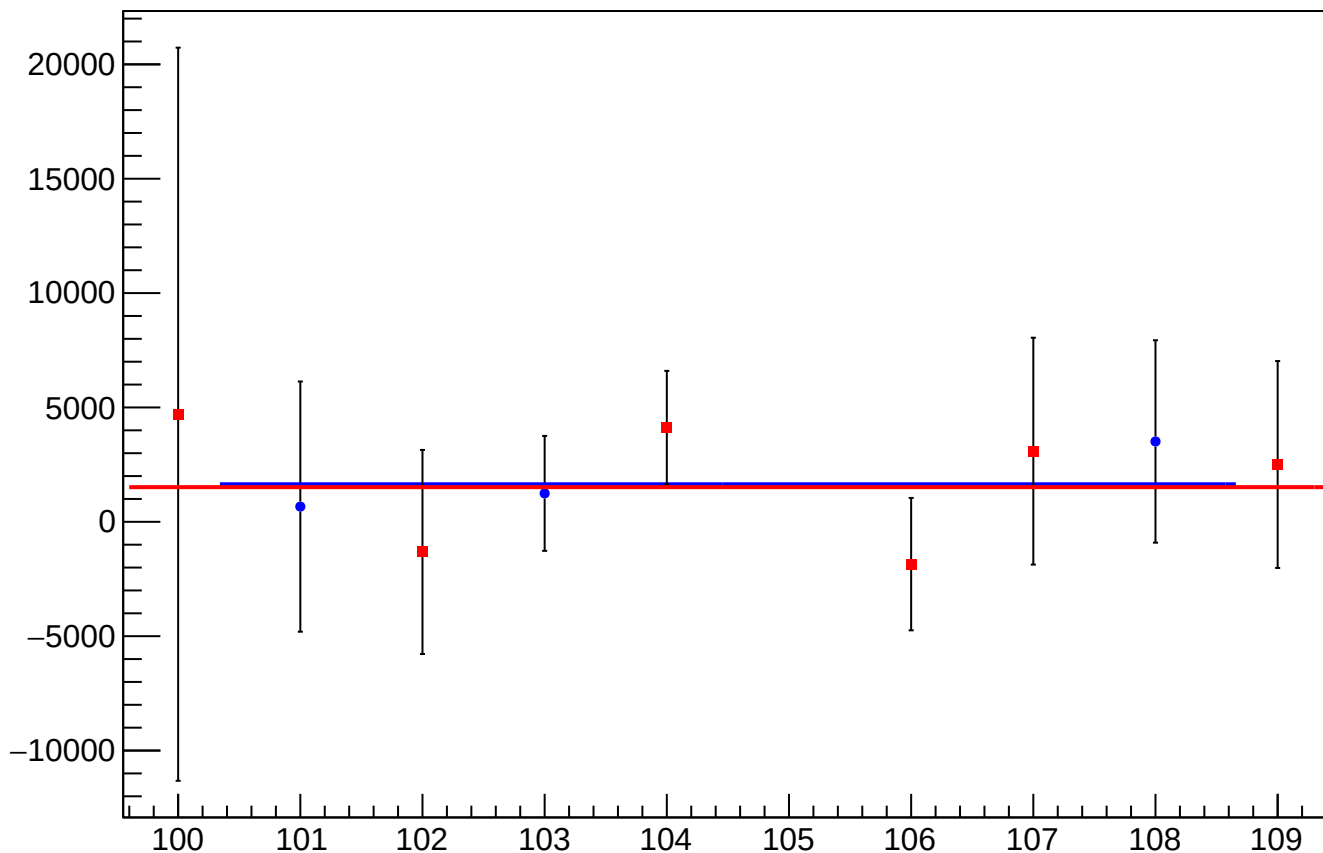
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 894.551+/-0.343 χ^2/NDF : 711412.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_correction_mean vs Slug



Right In: 1640.994 $\pm$ 2028.869 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1515.602 $\pm$ 1534.680 χ^2 /NDF: 3.0/5

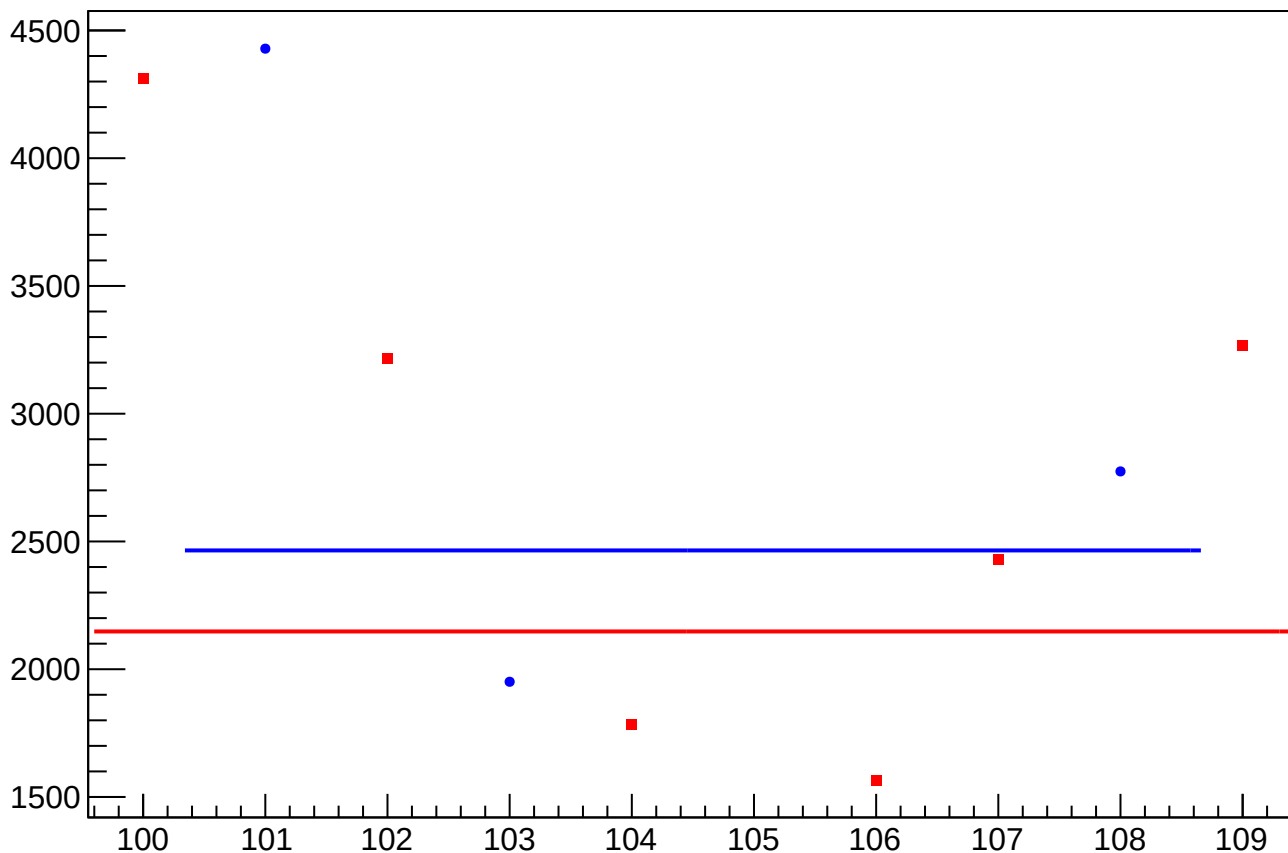
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1561.237 $\pm$ 1223.961 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 2464.941+/-1.435 χ^2/NDF : 351316.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2147.794+/-1.085 χ^2/NDF : 403900.8/5

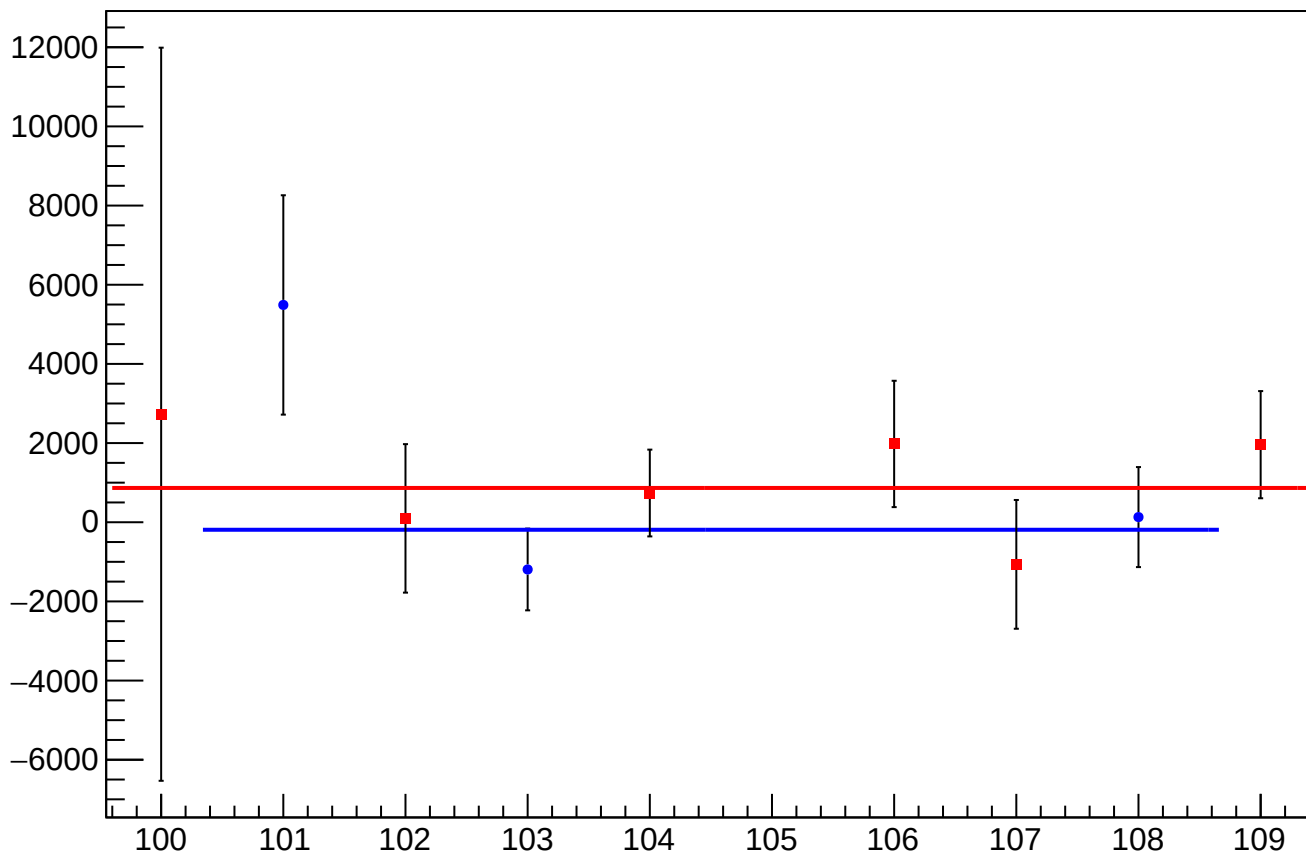
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2263.216+/-0.865 χ^2/NDF : 786301.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_mean vs Slug



Right In: -189.957+/-768.310 χ^2 /NDF: 5.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 866.340+/-639.588 χ^2 /NDF: 2.8/5

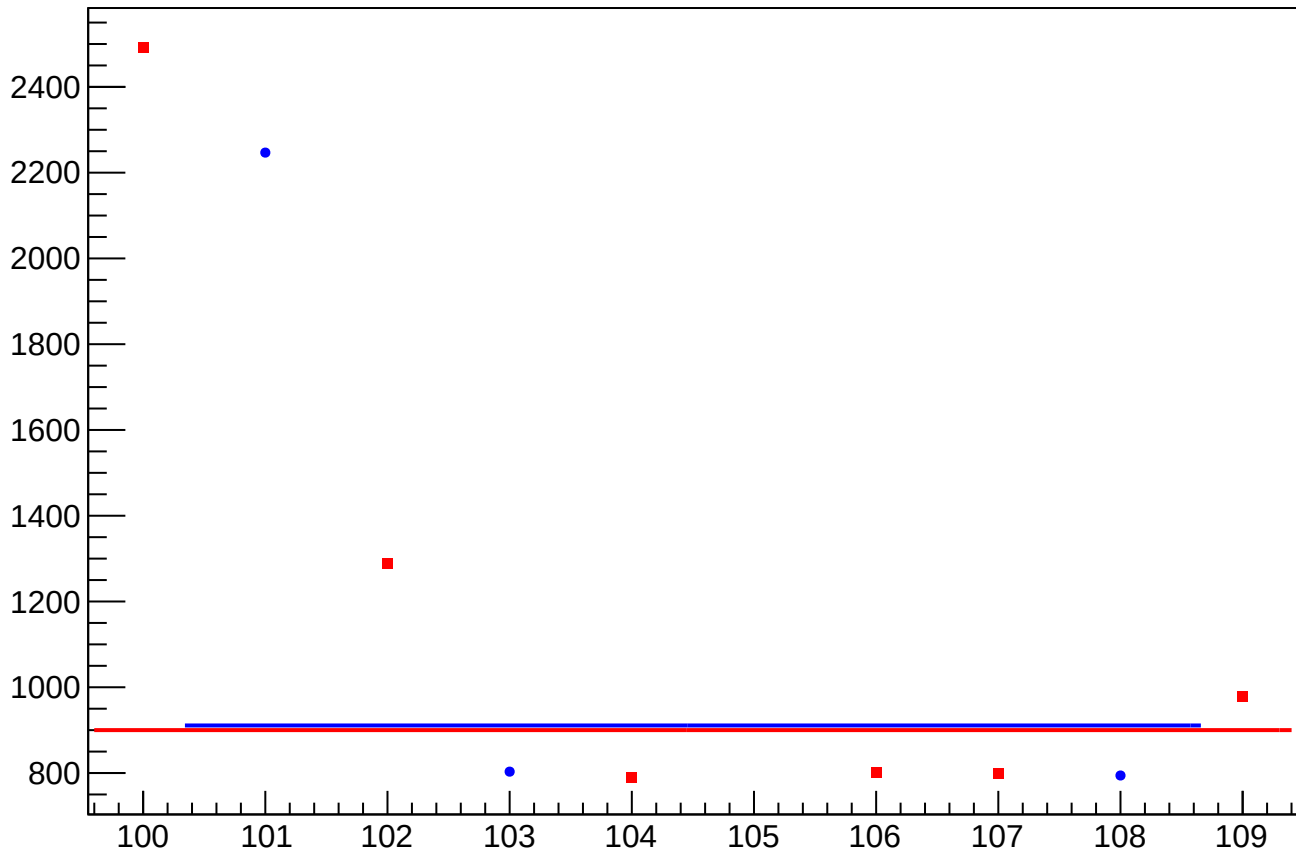
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 433.967+/-491.556 χ^2 /NDF: 9.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 910.890 $\pm$ 0.543 χ^2 /NDF: 503643.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 900.073 $\pm$ 0.450 χ^2 /NDF: 187831.3/5

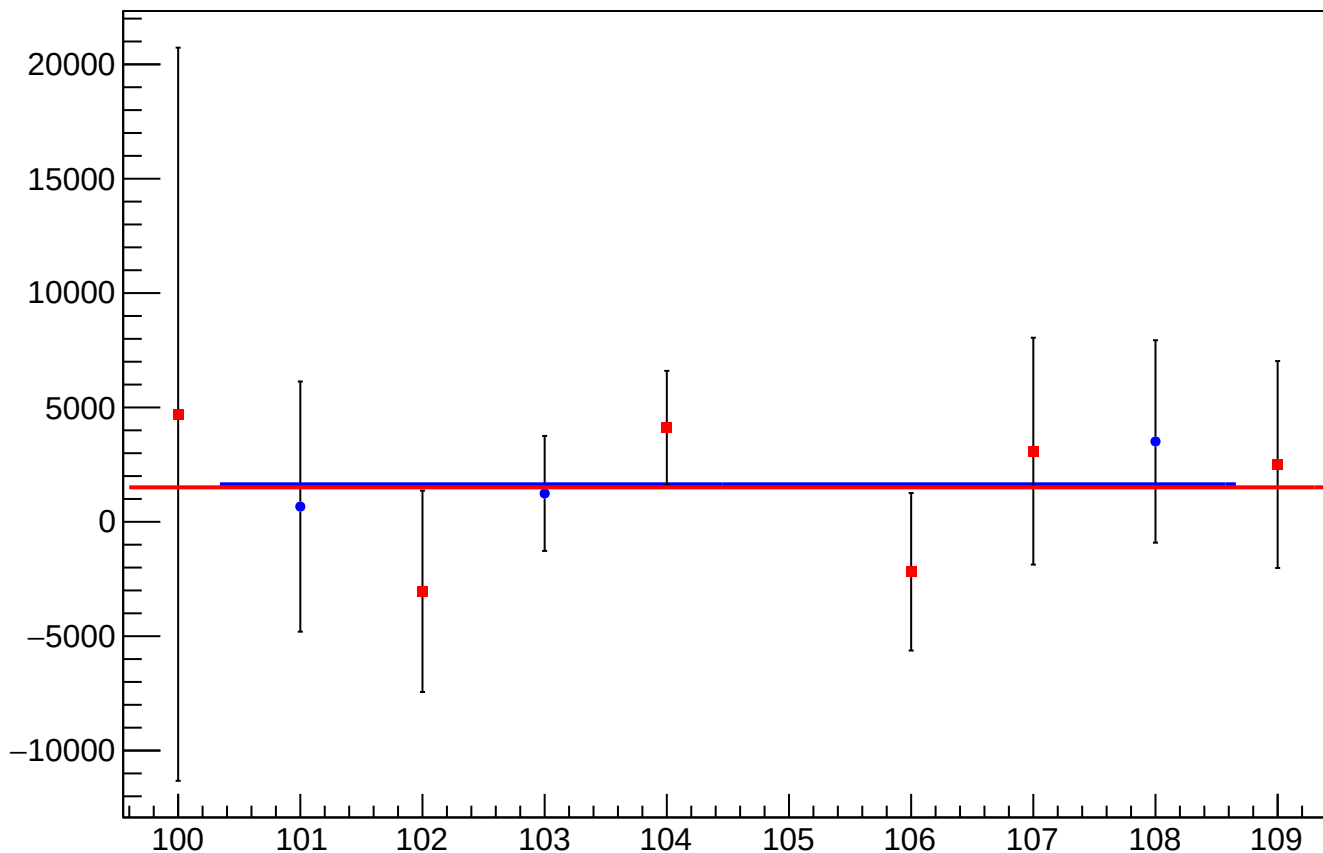
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 904.476 $\pm$ 0.347 χ^2 /NDF: 691709.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_cor_correction_mean vs Slug



Right In: 1639.707 $\pm$ 2029.094 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1507.723 $\pm$ 1599.328 χ^2 /NDF: 3.5/5

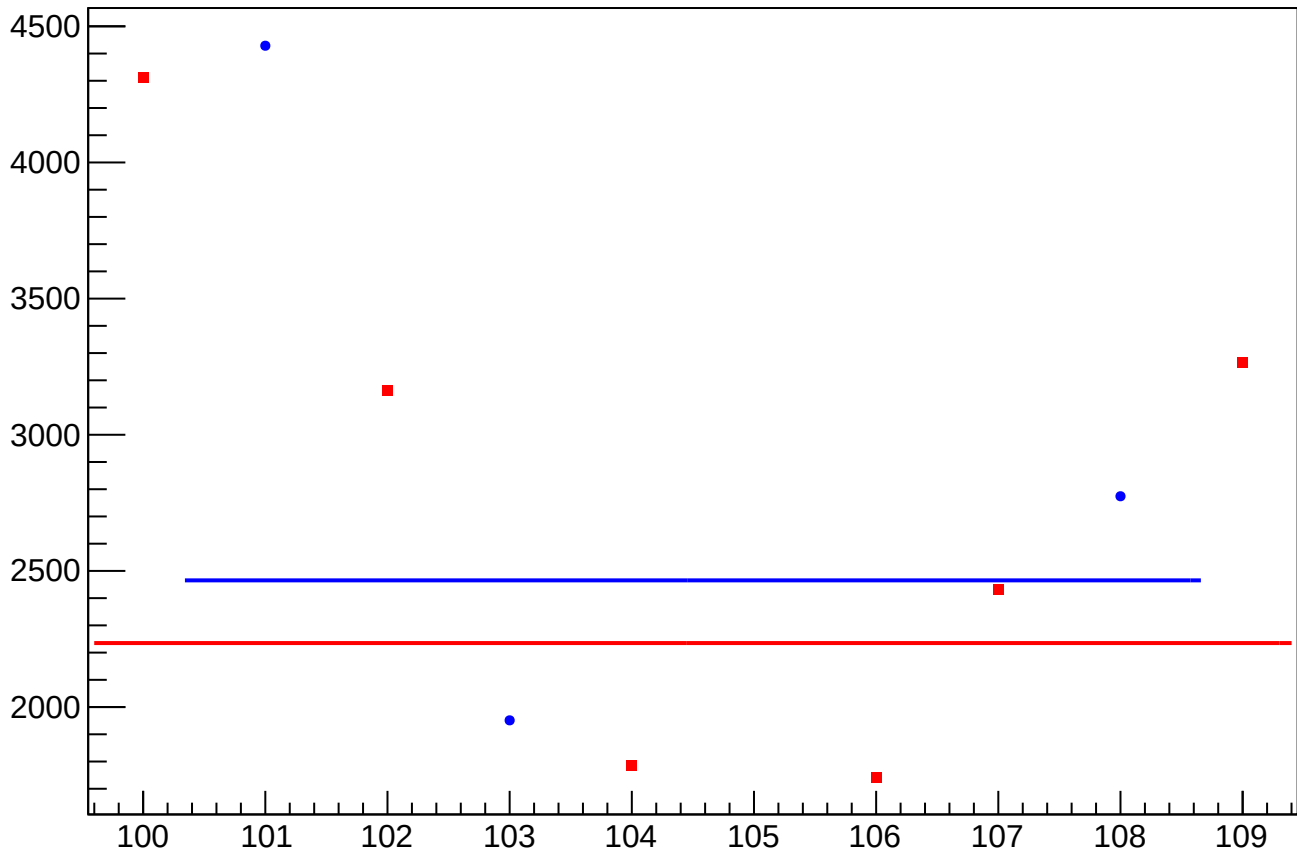
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1558.299 $\pm$ 1256.064 χ^2 /NDF: 3.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 2465.286+/-1.435 χ^2/NDF : 351172.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2235.062+/-1.131 χ^2/NDF : 336584.0/5

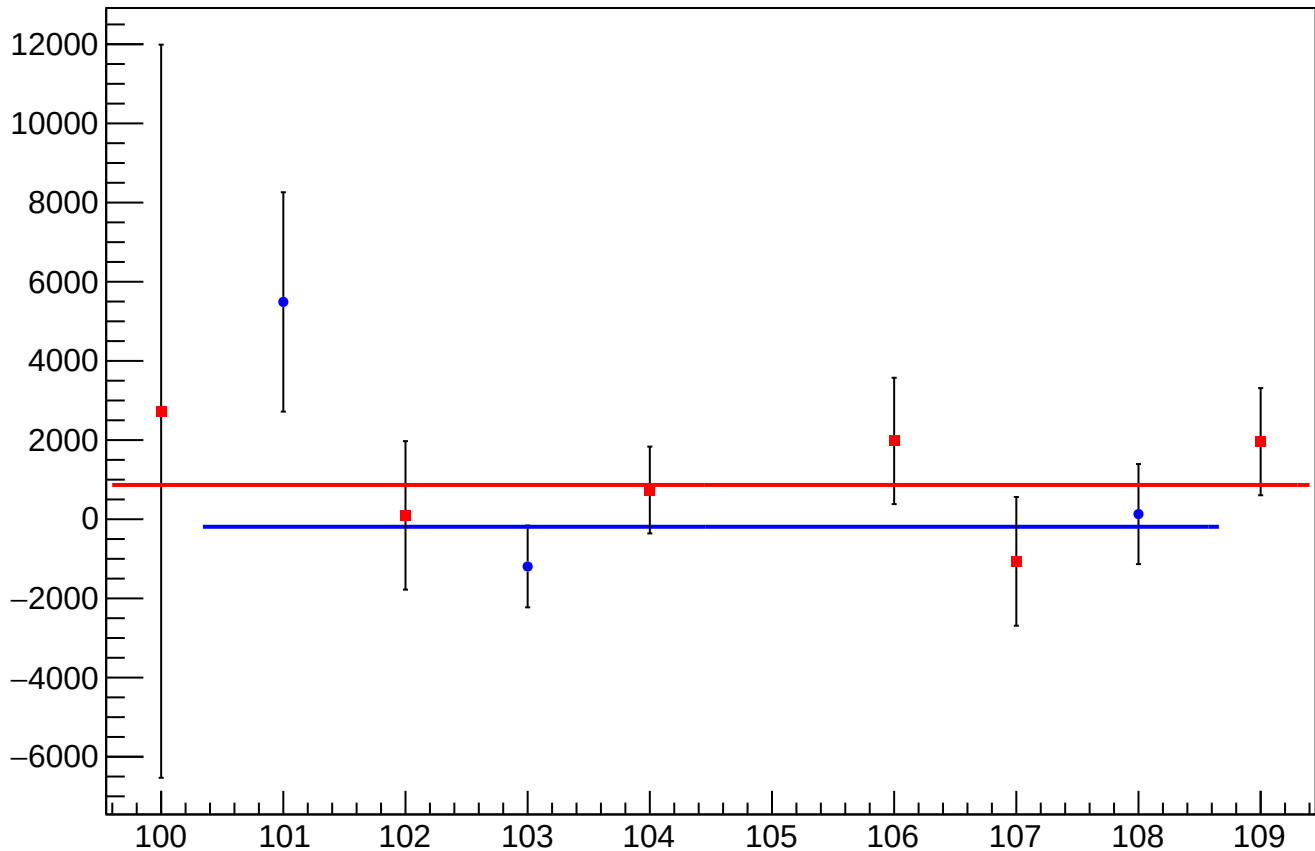
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2323.282+/-0.888 χ^2/NDF : 703637.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -189.957 ± 768.310 χ^2/NDF : 5.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 866.340 ± 639.588 χ^2/NDF : 2.8/5

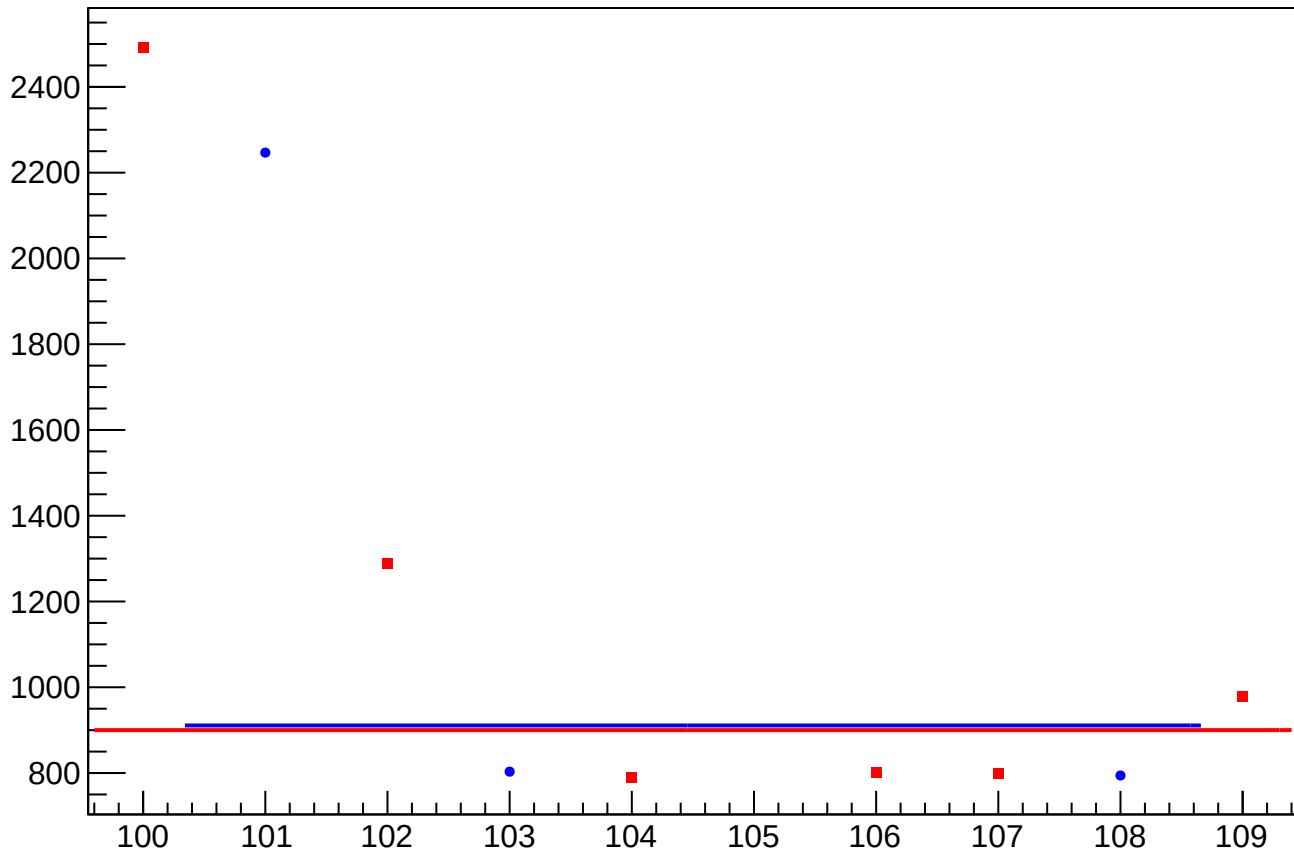
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 433.967 ± 491.556 χ^2/NDF : 9.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 910.890 $\pm$ 0.543 χ^2 /NDF: 503643.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 900.073 $\pm$ 0.450 χ^2 /NDF: 187831.3/5

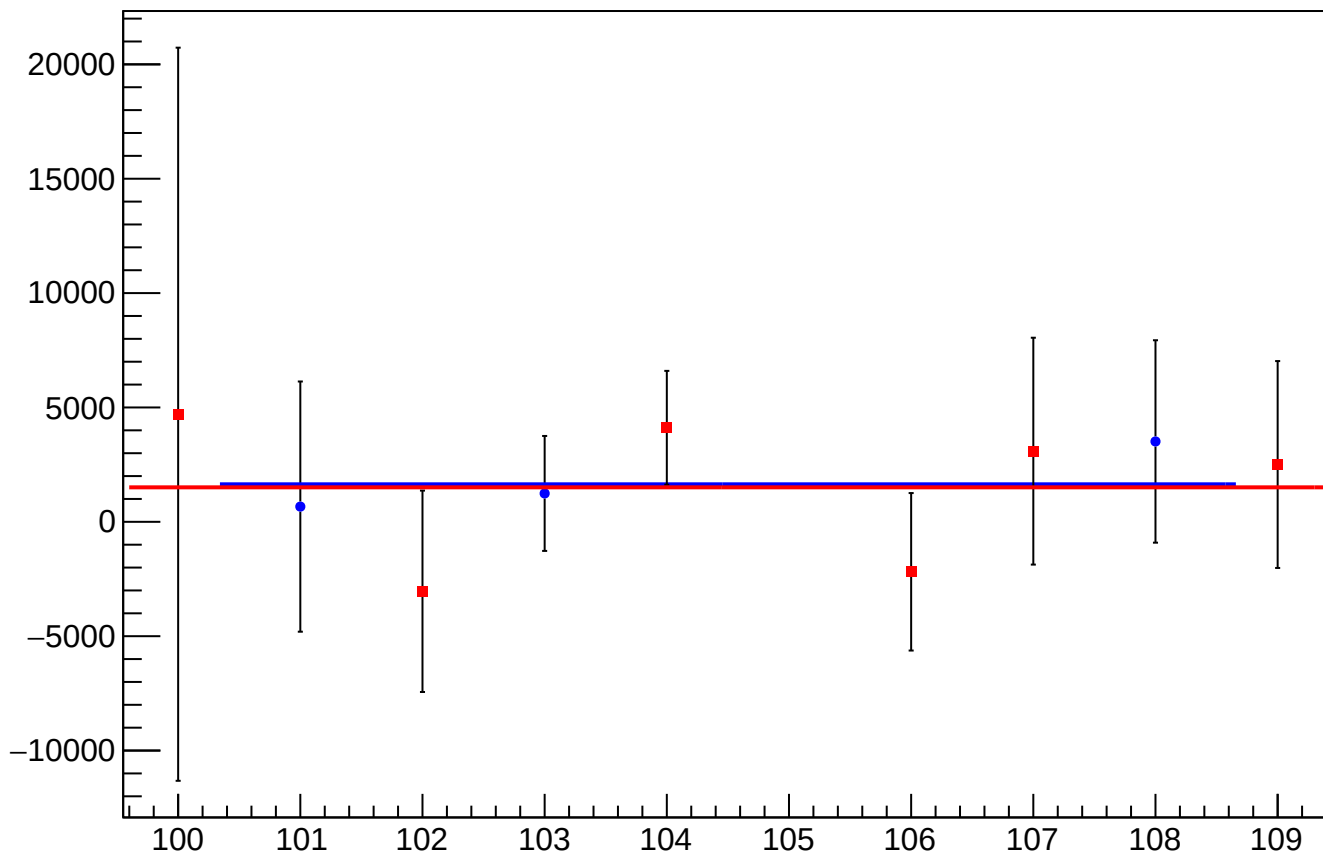
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 904.476 $\pm$ 0.347 χ^2 /NDF: 691709.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug



Right In: 1639.707 $\pm$ 2029.094 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1507.723 $\pm$ 1599.328 χ^2 /NDF: 3.5/5

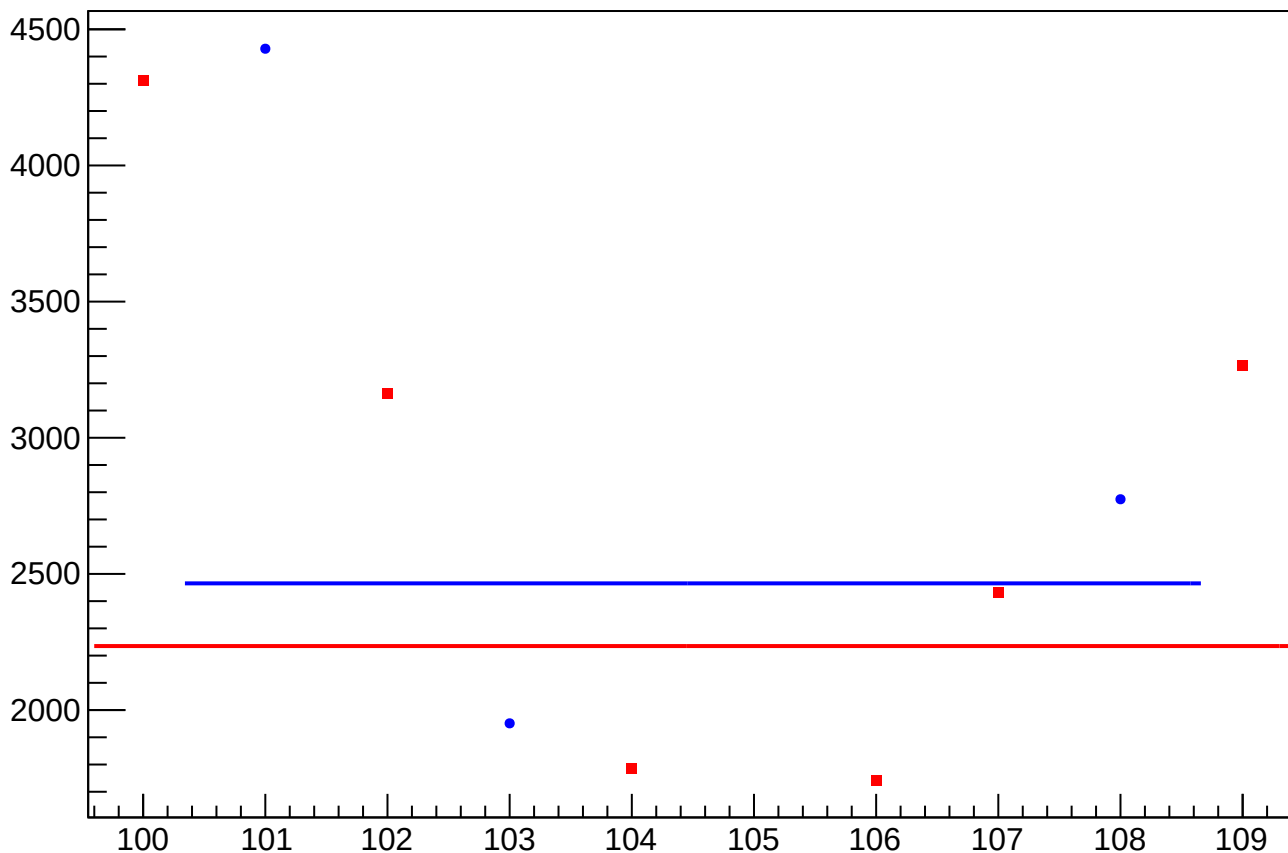
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1558.299 $\pm$ 1256.064 χ^2 /NDF: 3.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug



Right In: 2465.286 $\pm$ 1.435 χ^2 /NDF: 351172.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2235.062 $\pm$ 1.131 χ^2 /NDF: 336584.0/5

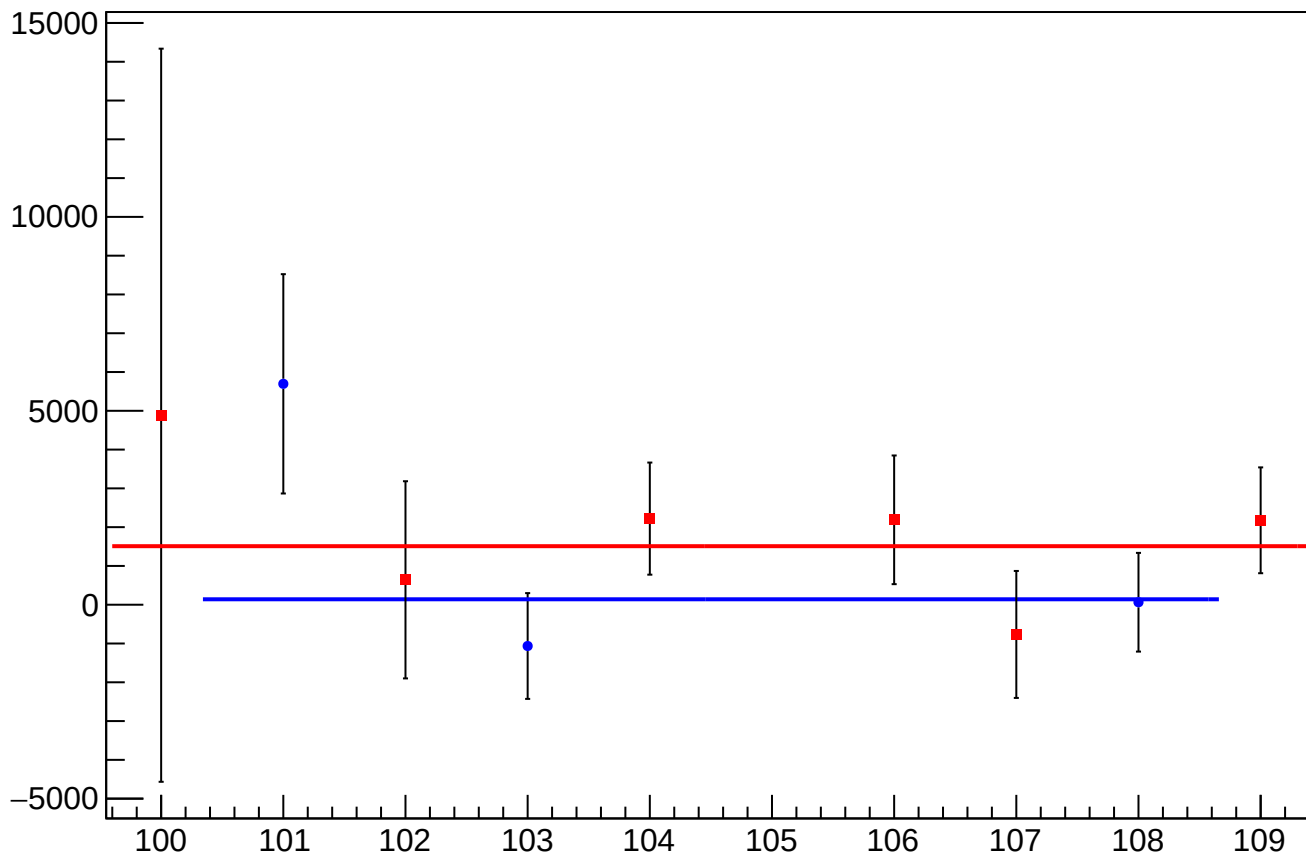
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2323.282 $\pm$ 0.888 χ^2 /NDF: 703637.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr2_dd_mean vs Slug



Right In: 140.197 $\pm$ 883.798 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1509.372 $\pm$ 722.034 χ^2 /NDF: 2.8/5

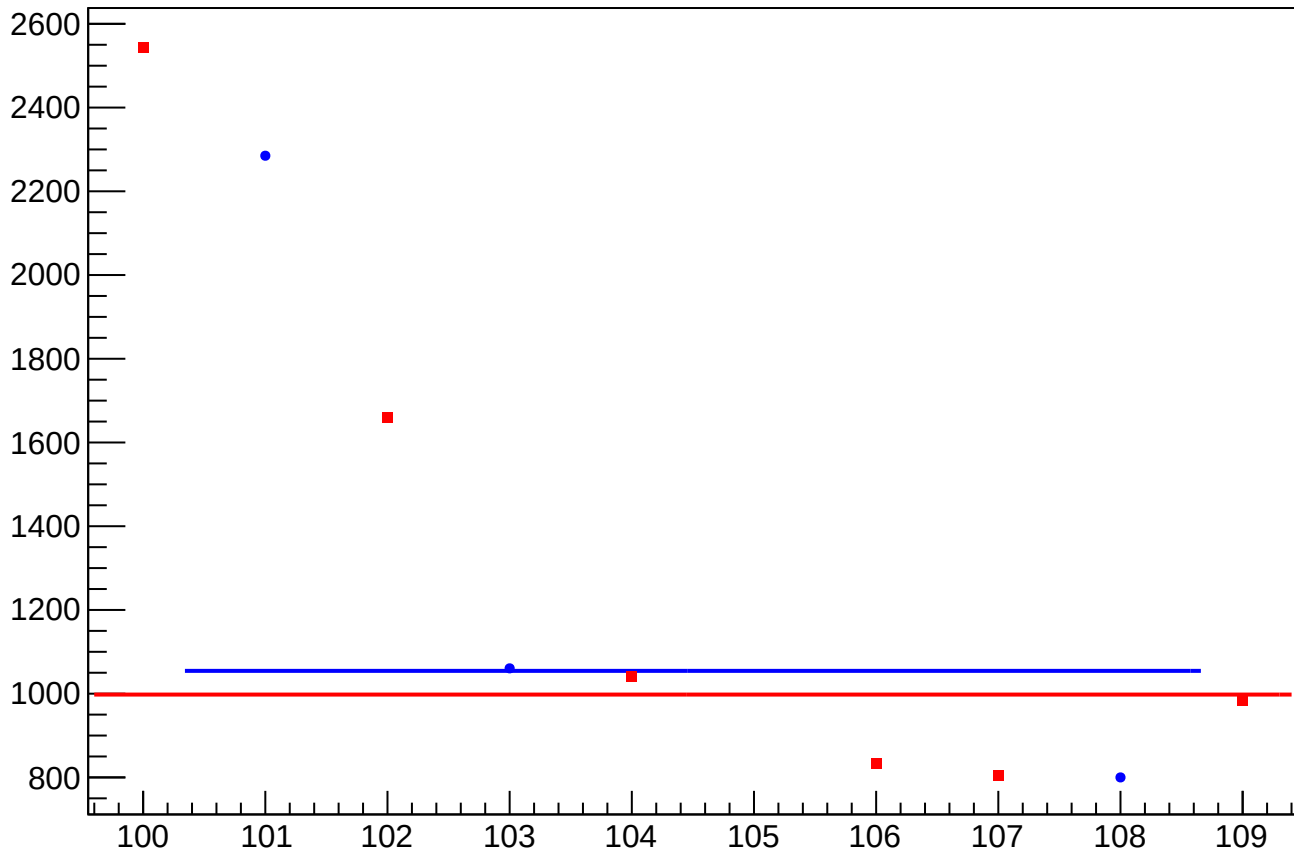
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 961.324 $\pm$ 559.156 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1054.493+/-0.625 χ^2/NDF : 458800.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 997.873+/-0.510 χ^2/NDF : 238618.9/5

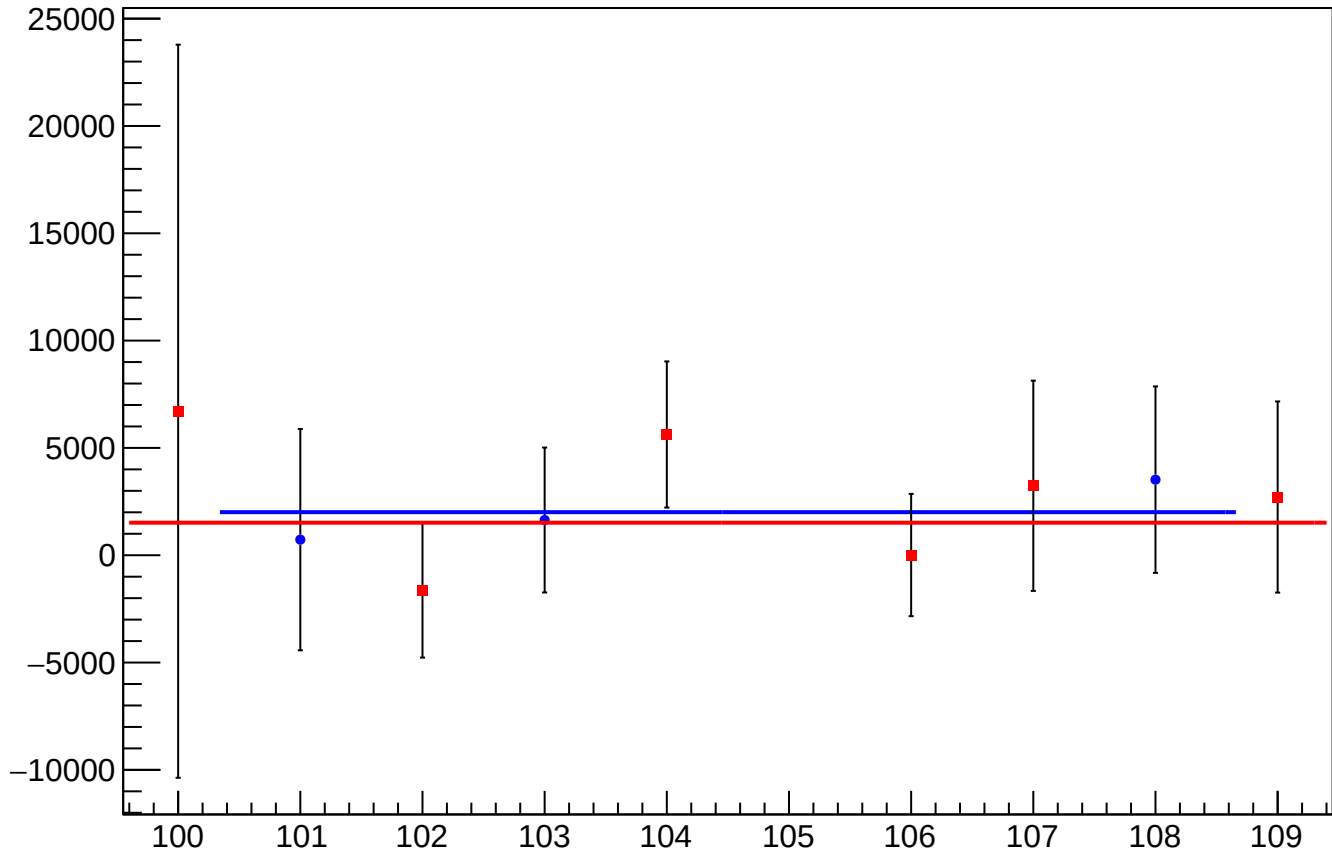
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.502+/-0.395 χ^2/NDF : 702347.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_correction_mean vs Slug



Right In: 2006.792 $\pm$ 2367.685 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1516.476 $\pm$ 1568.741 χ^2 /NDF: 3.0/5

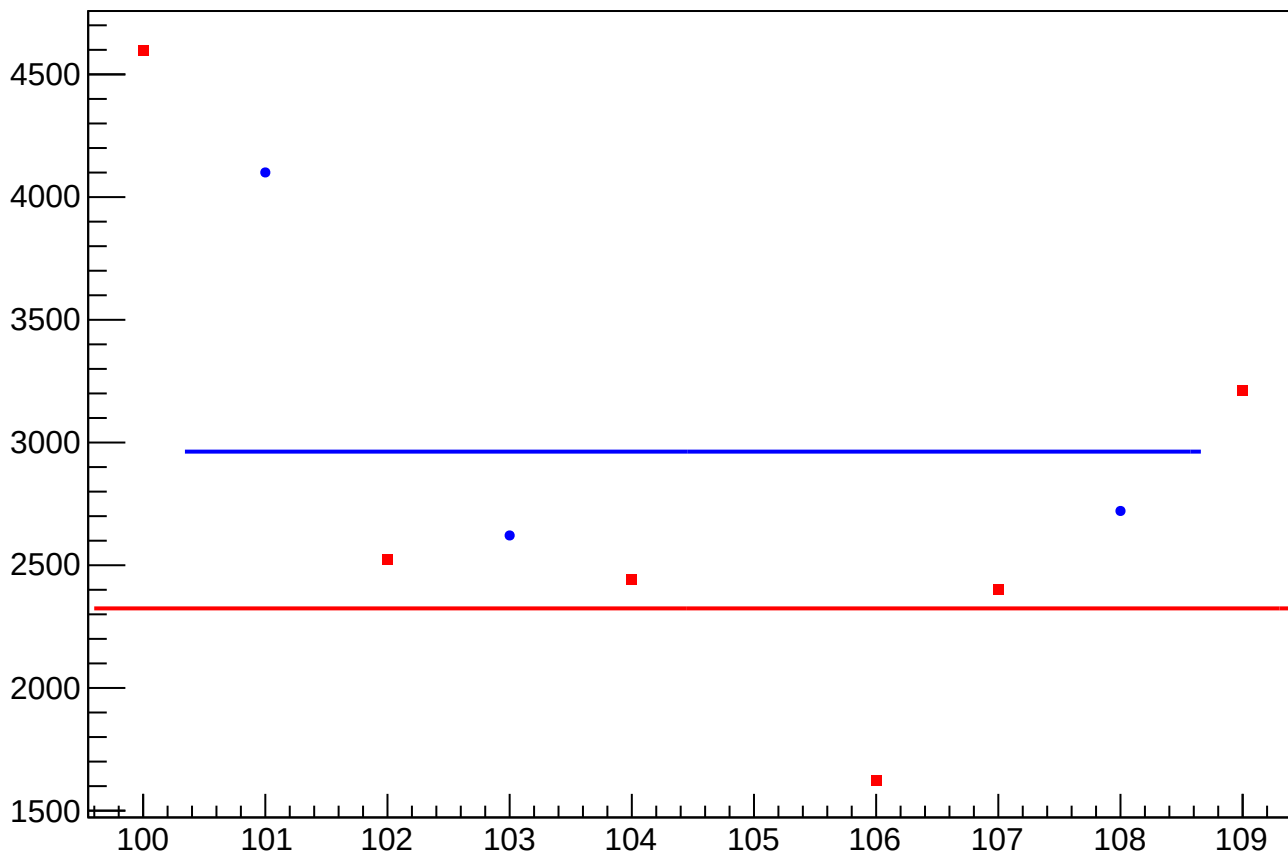
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1666.056 $\pm$ 1307.743 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 2962.969+/-1.674 χ^2/NDF : 124017.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.190+/-1.109 χ^2/NDF : 246995.9/5

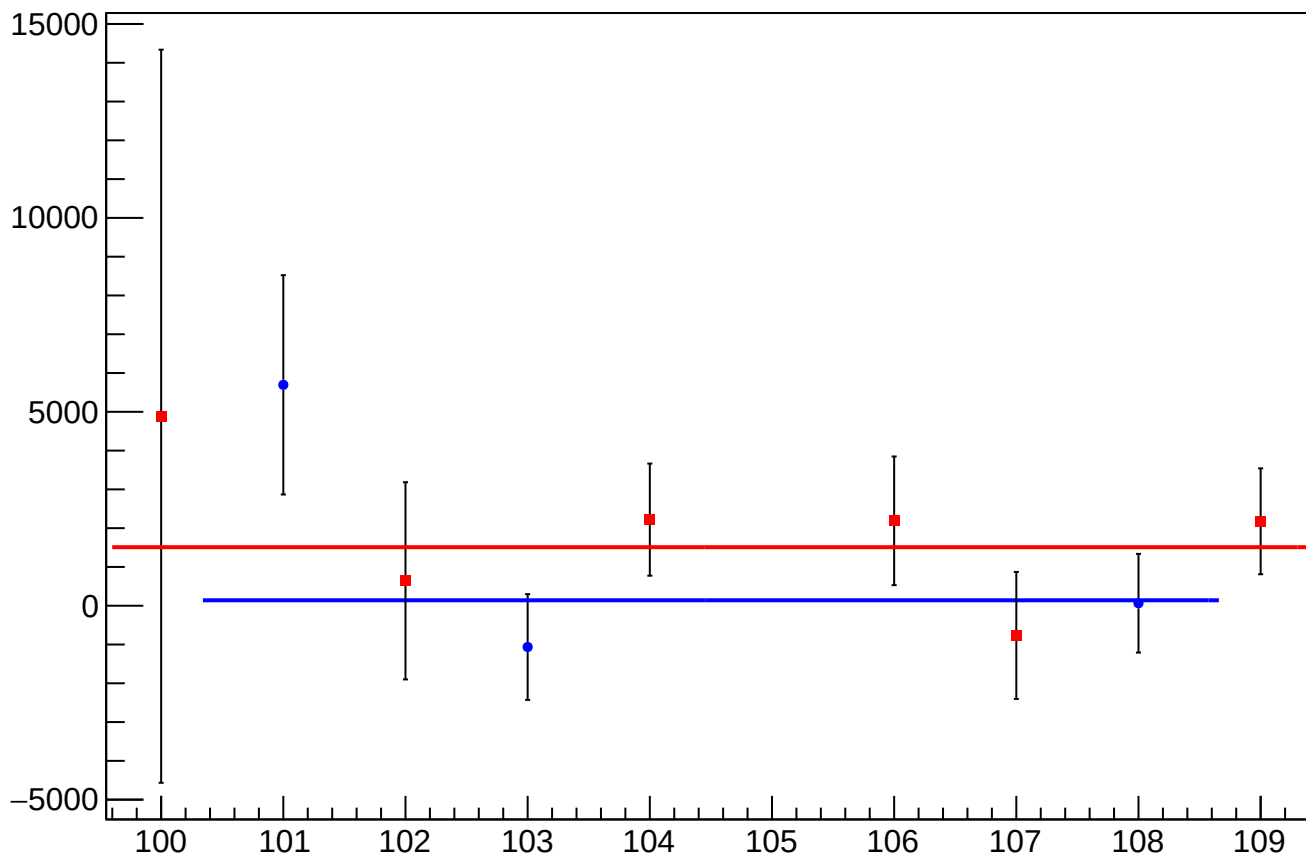
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2519.061+/-0.925 χ^2/NDF : 472177.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: 140.201 $\pm$ 883.798 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1509.375 $\pm$ 722.034 χ^2 /NDF: 2.8/5

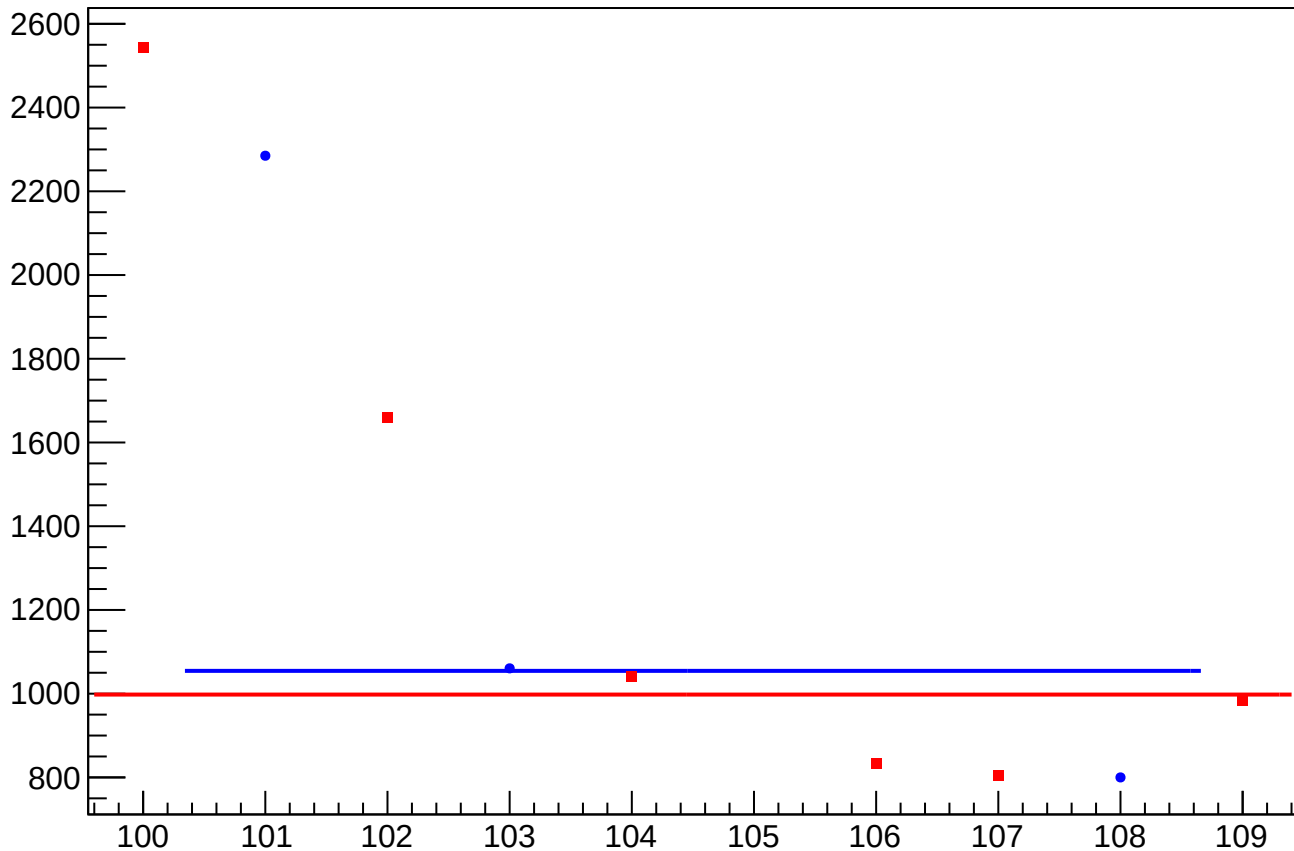
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 961.327 $\pm$ 559.156 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1054.493+/-0.625 χ^2/NDF : 458801.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 997.873+/-0.510 χ^2/NDF : 238619.3/5

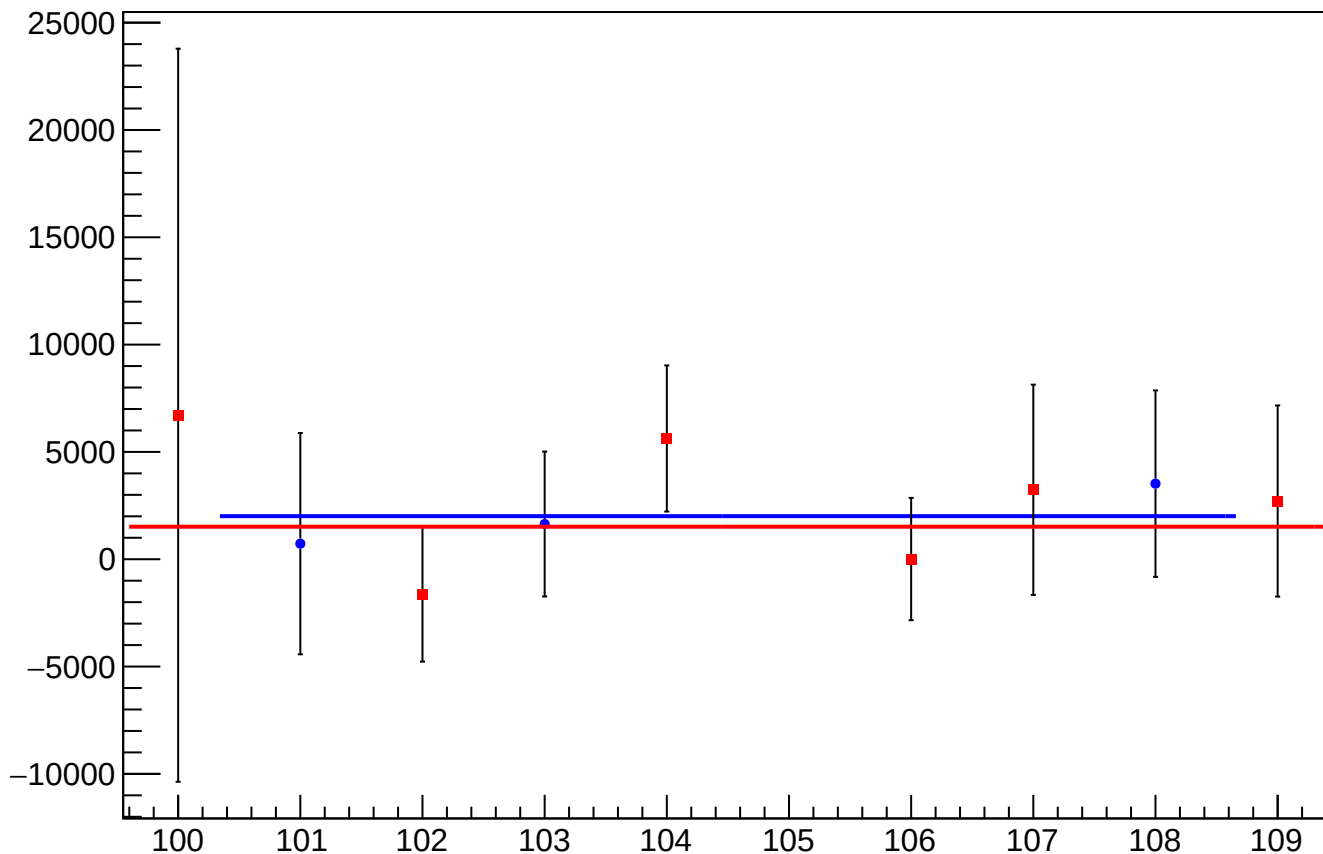
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1020.503+/-0.395 χ^2/NDF : 702348.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug



Right In: 2006.794 $\pm$ 2367.687 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1516.486 $\pm$ 1568.739 χ^2 /NDF: 3.0/5

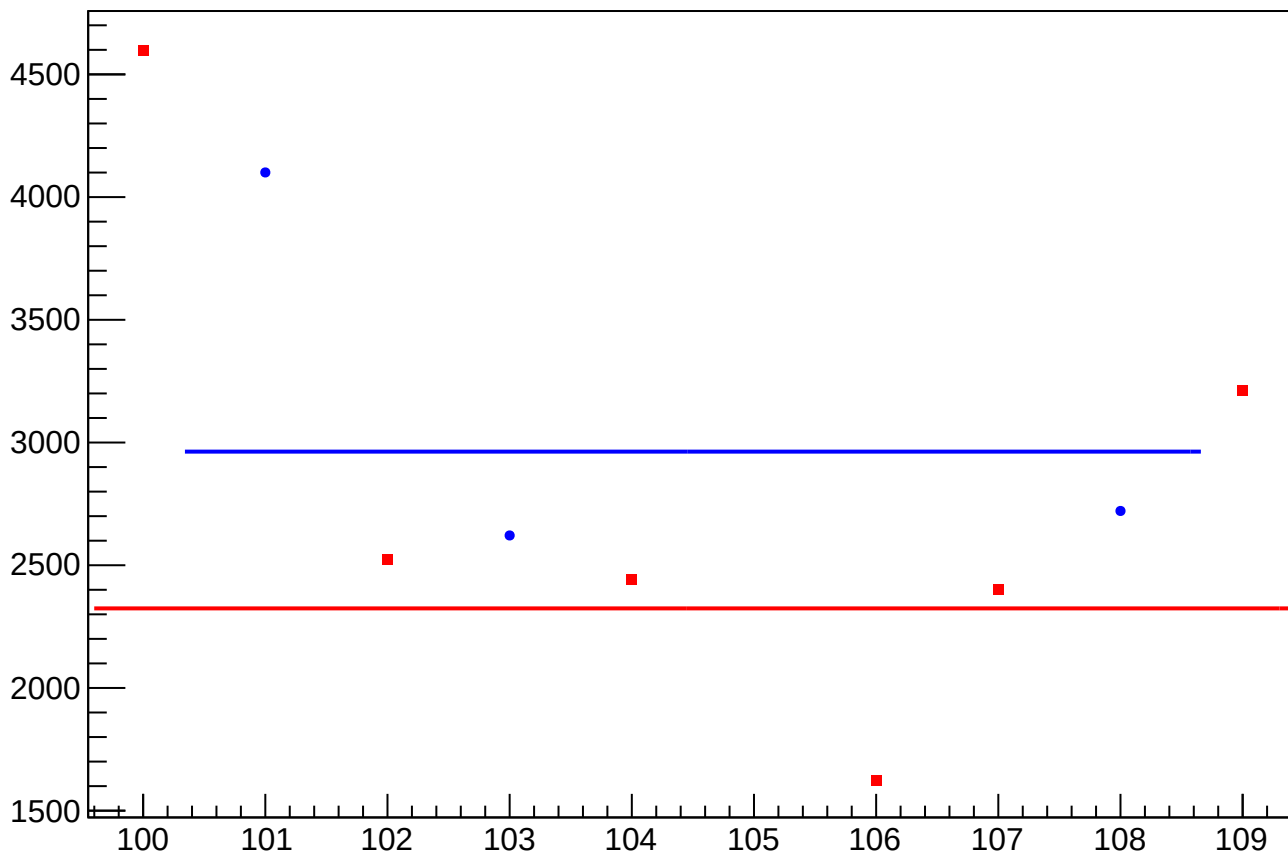
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1666.063 $\pm$ 1307.742 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug



Right In: 2962.972 $\pm$ 1.674 χ^2 /NDF: 124016.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2324.186 $\pm$ 1.109 χ^2 /NDF: 246998.3/5

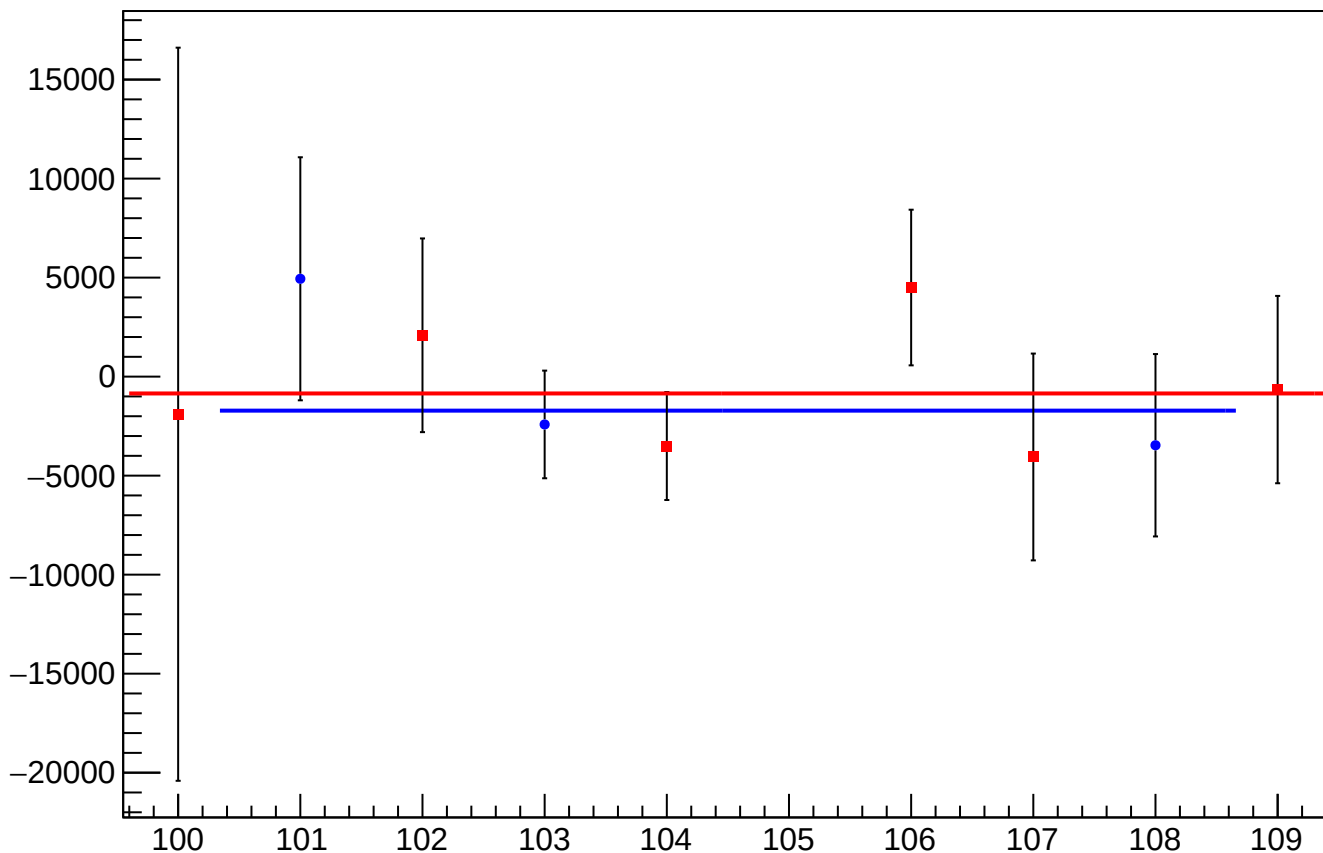
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2519.059 $\pm$ 0.925 χ^2 /NDF: 472181.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_mean vs Slug



Right In: -1717.736 $\pm$ 2187.109 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -850.163 $\pm$ 1753.025 χ^2 /NDF: 3.5/5

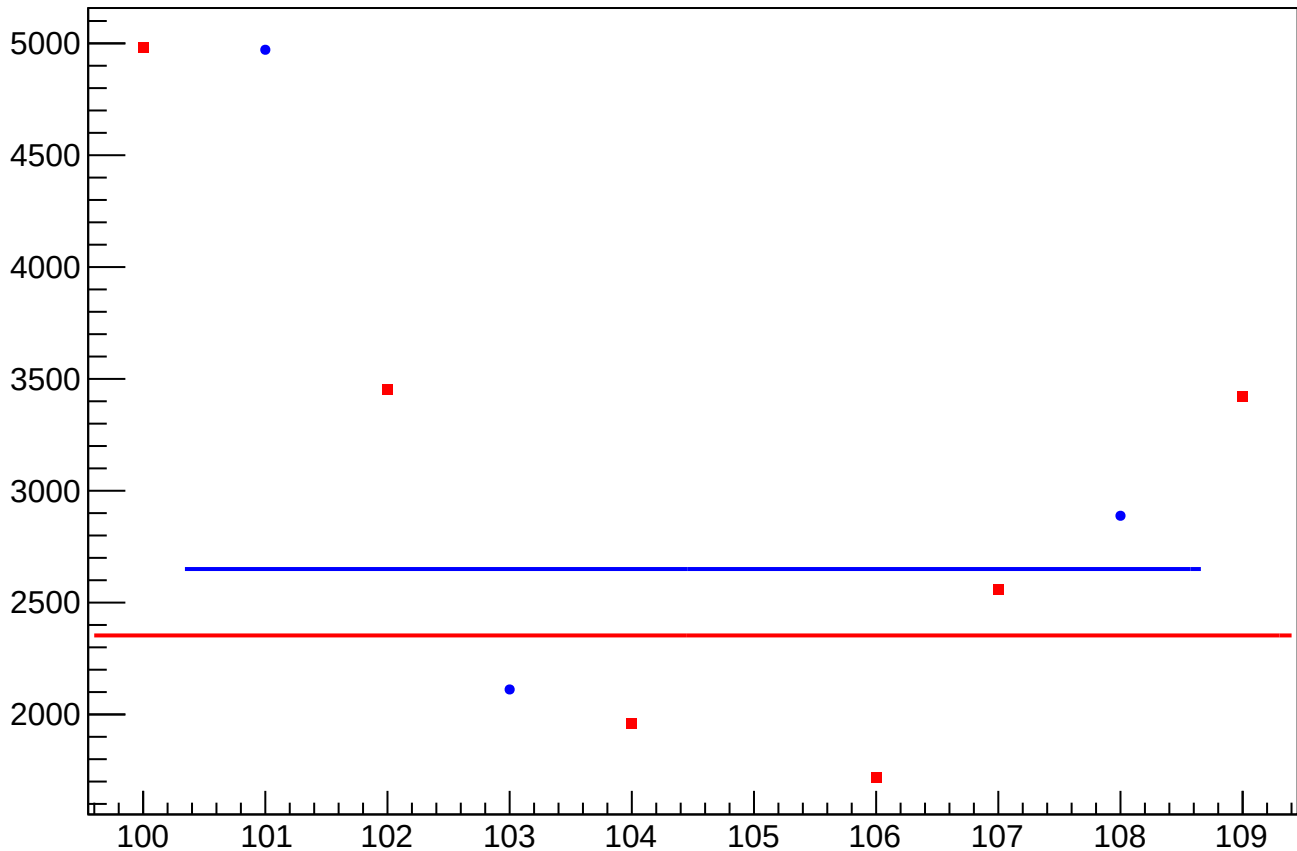
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1189.515 $\pm$ 1367.864 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 2650.083+/-1.547 χ^2/NDF : 369984.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2353.172+/-1.198 χ^2/NDF : 358716.1/5

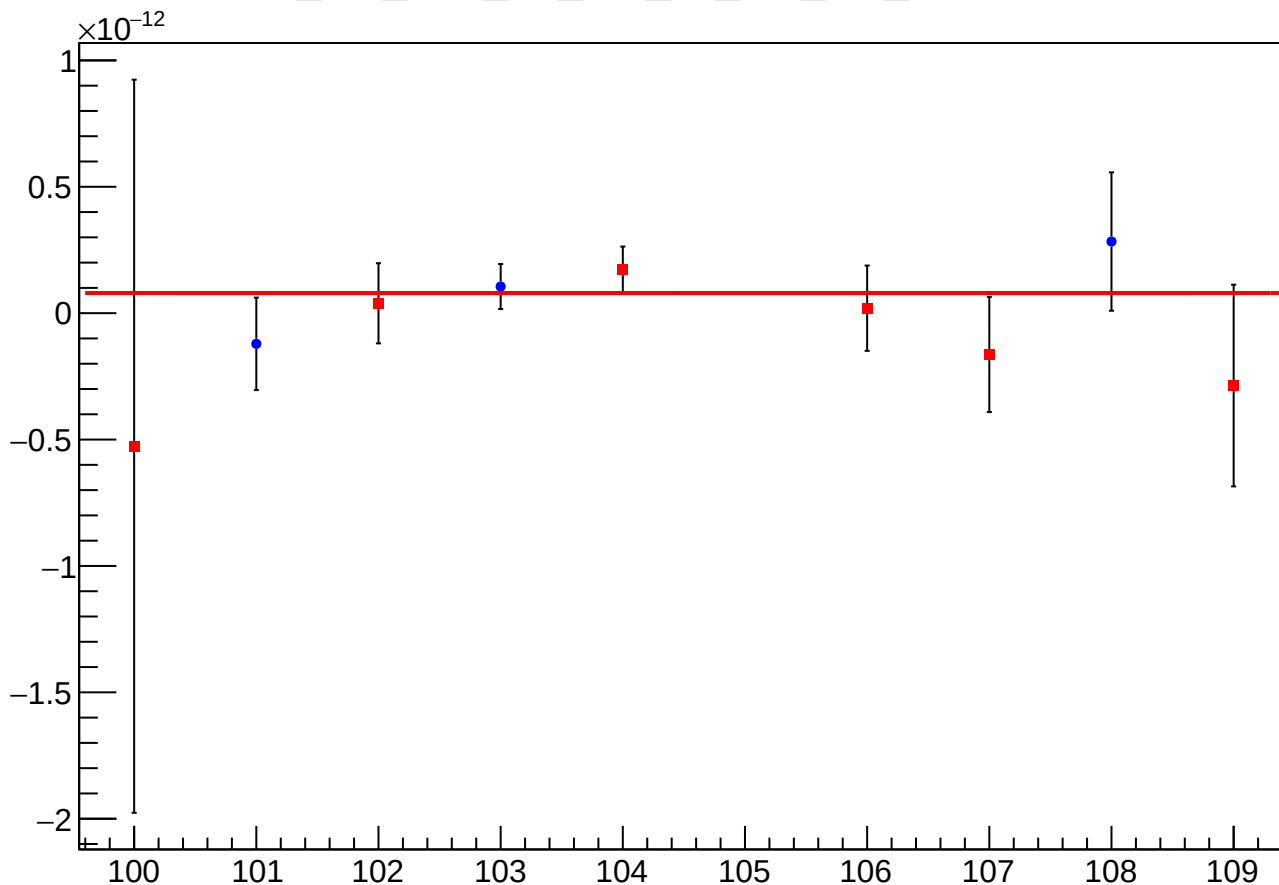
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2464.533+/-0.947 χ^2/NDF : 751734.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.4/5

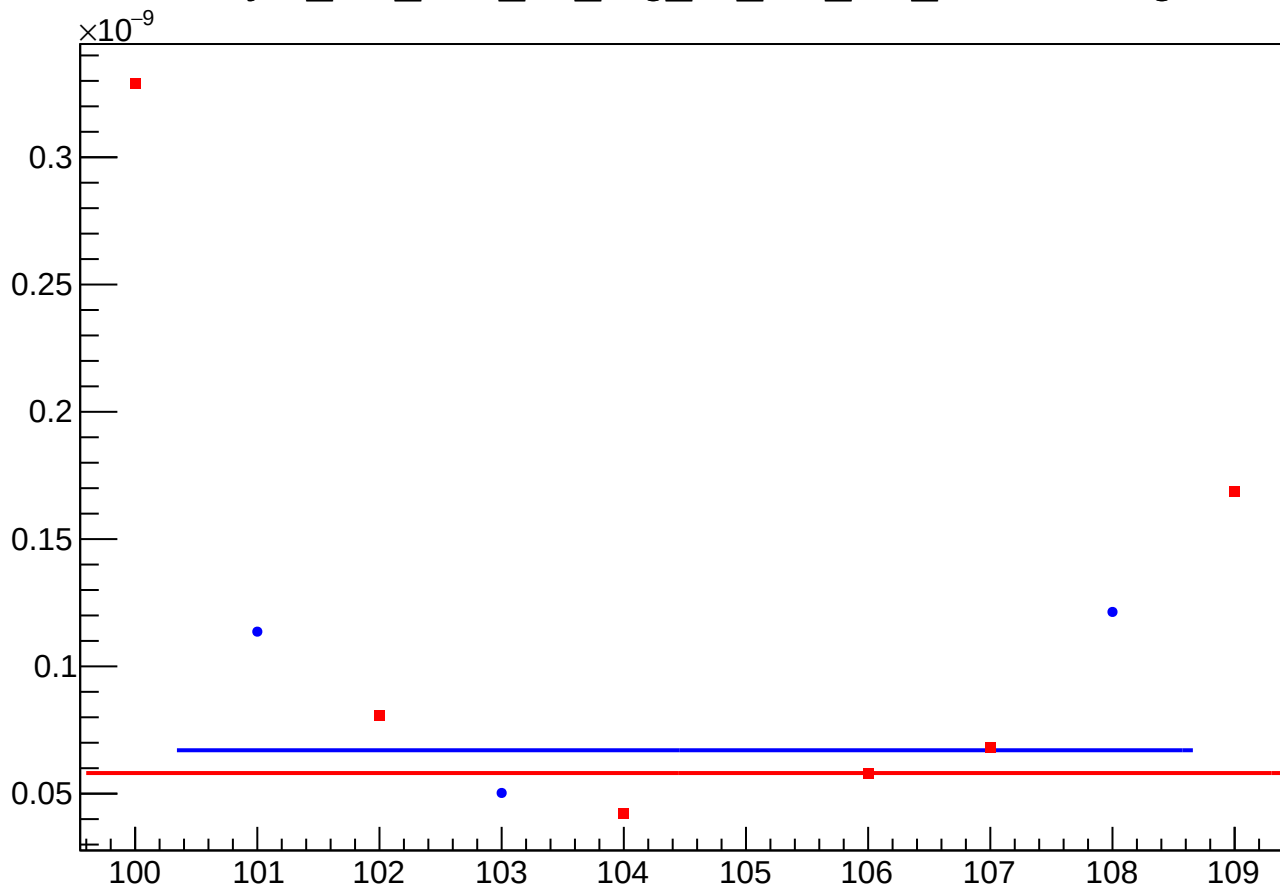
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 279512.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 328432.2/5

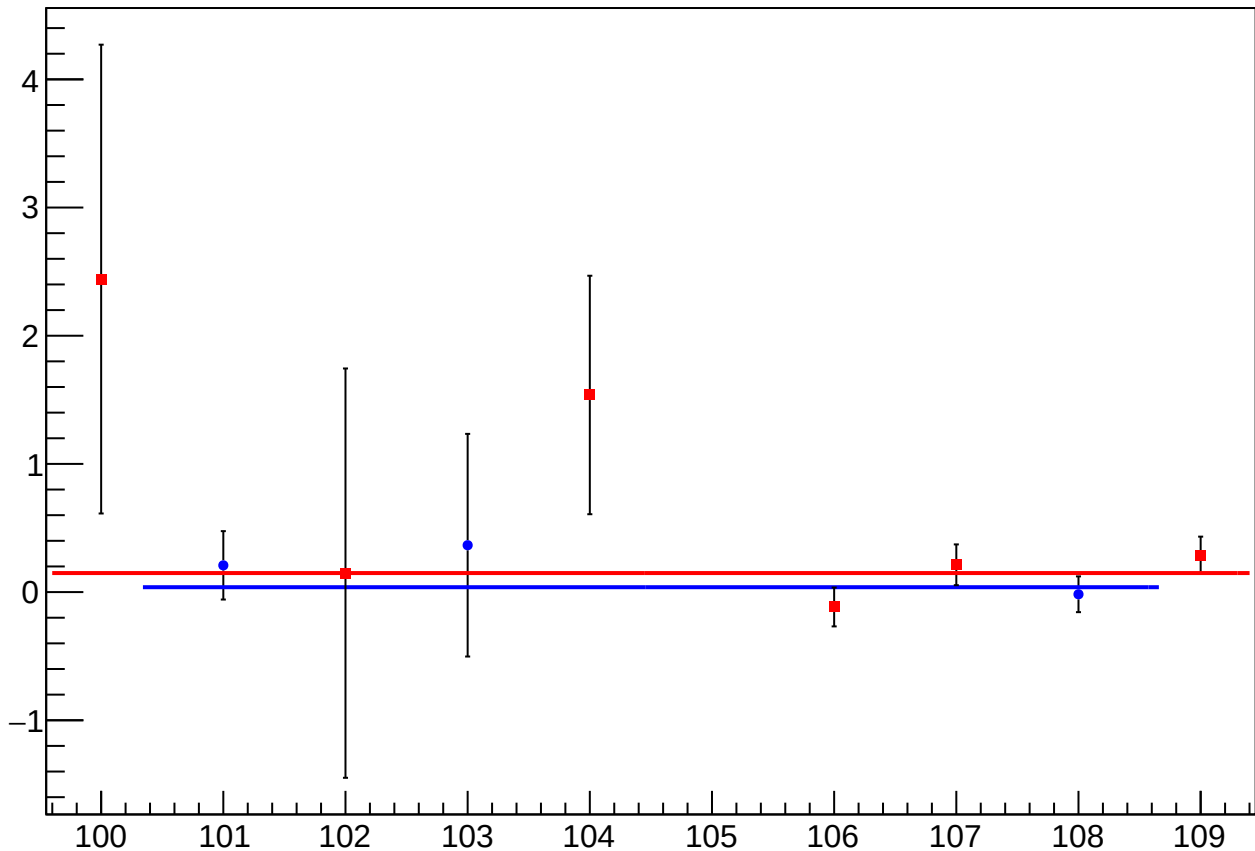
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 623304.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.148 $\pm$ 0.087 χ^2 /NDF: 7.9/5

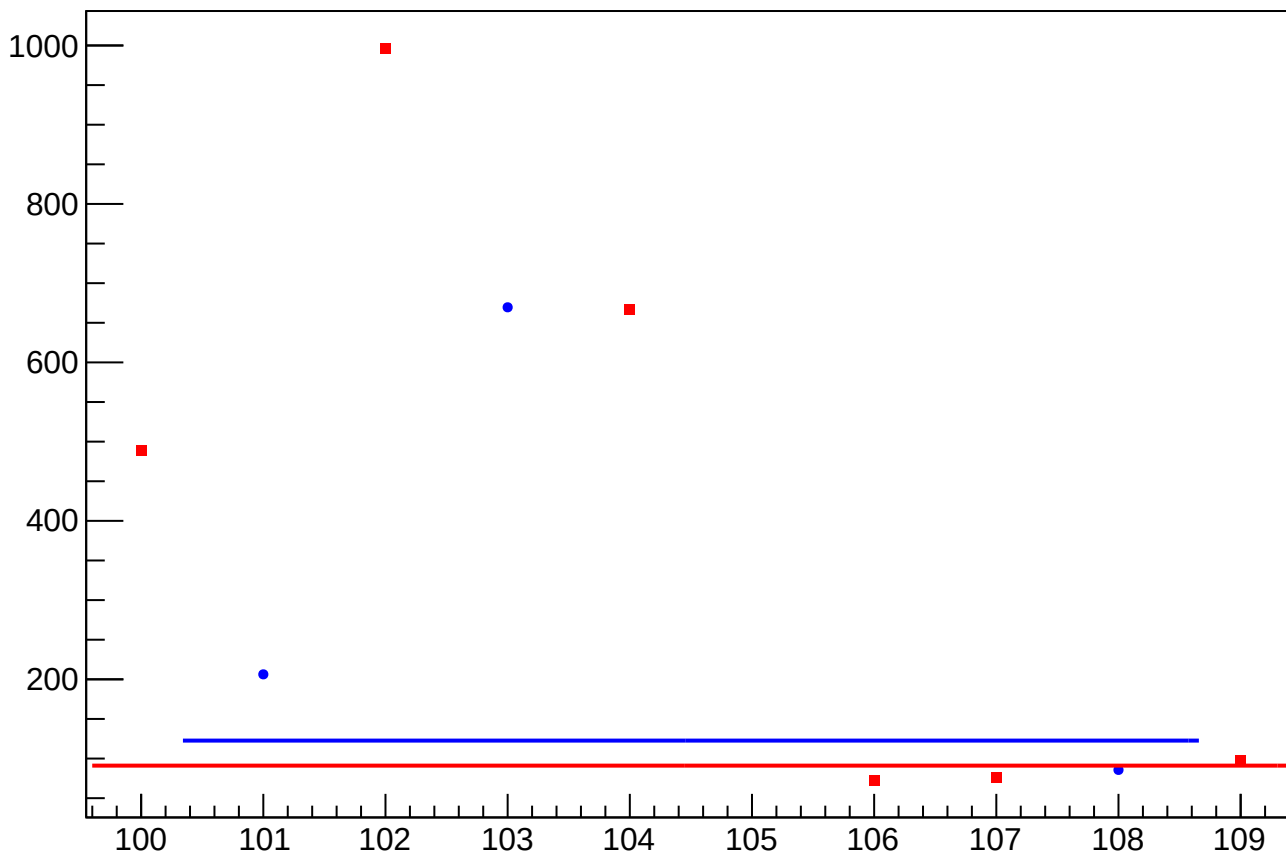
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.112 $\pm$ 0.071 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 122.670 $\pm$ 0.087 χ^2 /NDF: 1129995.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.079 $\pm$ 0.061 χ^2 /NDF: 1559426.4/5

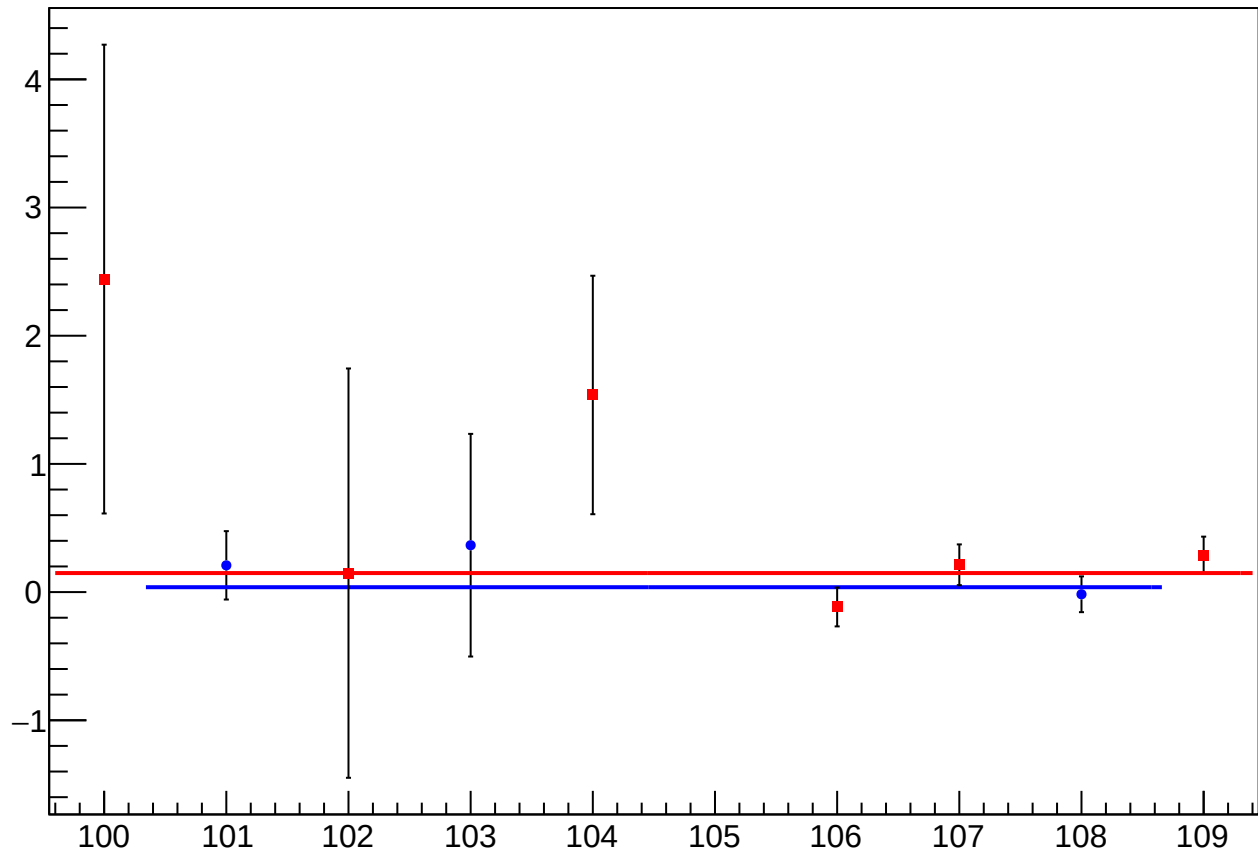
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.652 $\pm$ 0.050 χ^2 /NDF: 2778037.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.148 $\pm$ 0.087 χ^2 /NDF: 7.9/5

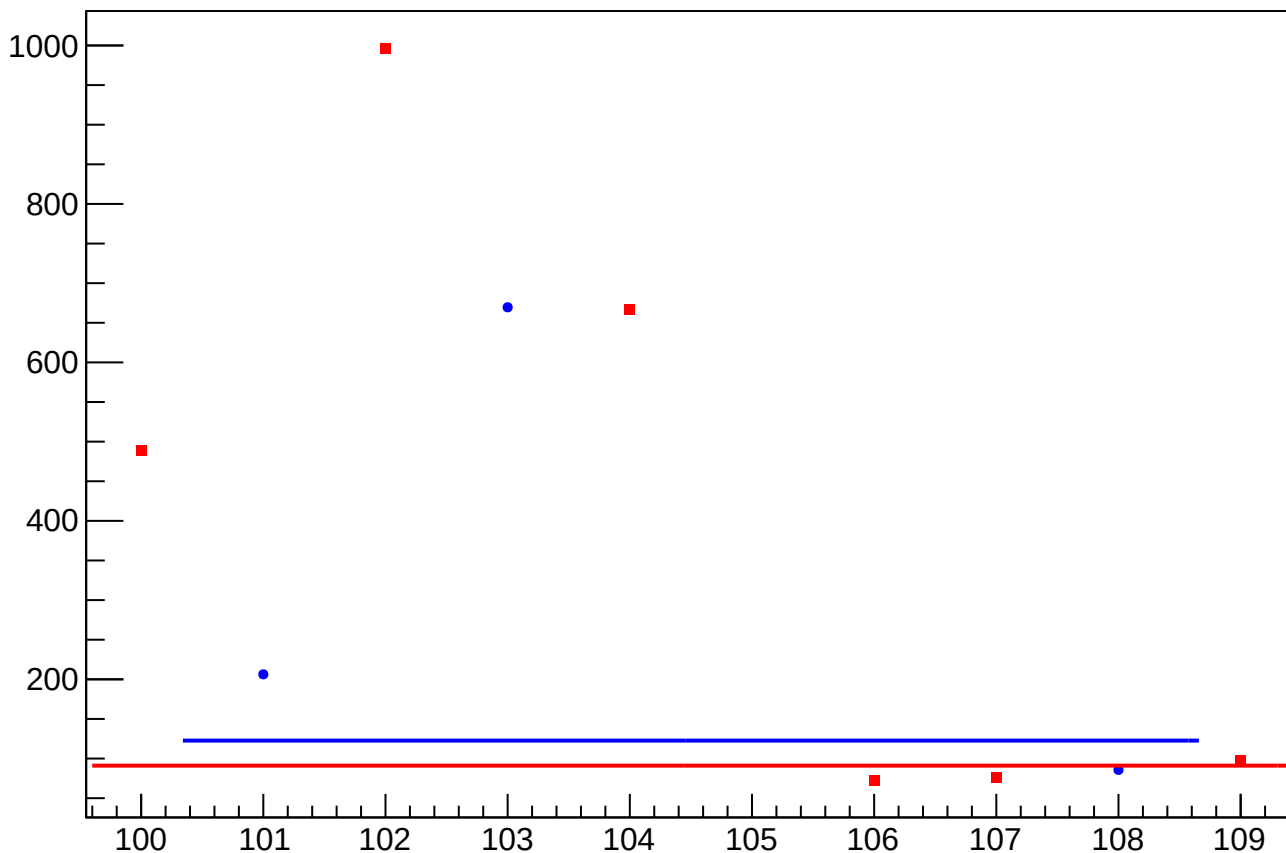
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.112 $\pm$ 0.071 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 122.670 $\pm$ 0.087 χ^2 /NDF: 1129995.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.079 $\pm$ 0.061 χ^2 /NDF: 1559426.4/5

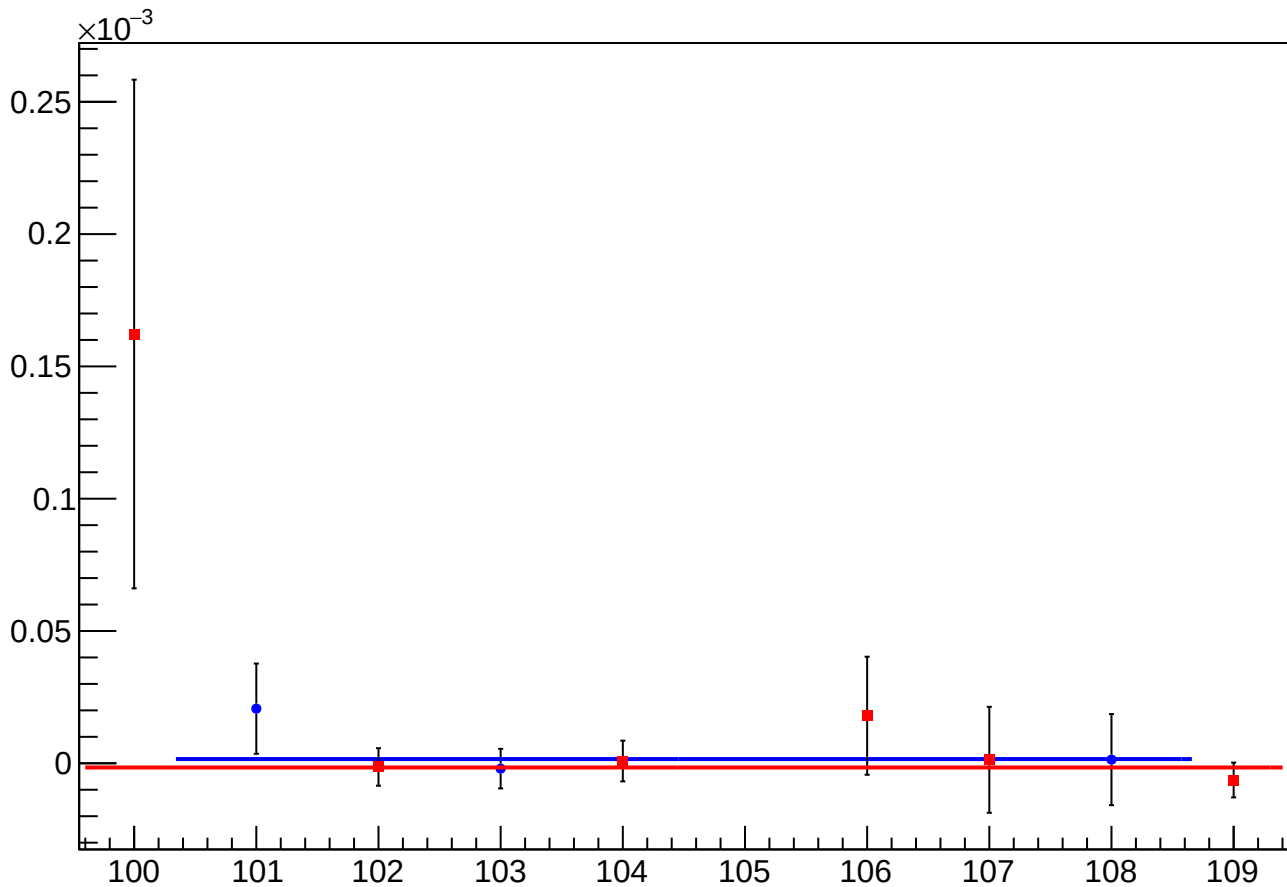
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.652 $\pm$ 0.050 χ^2 /NDF: 2778037.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/5

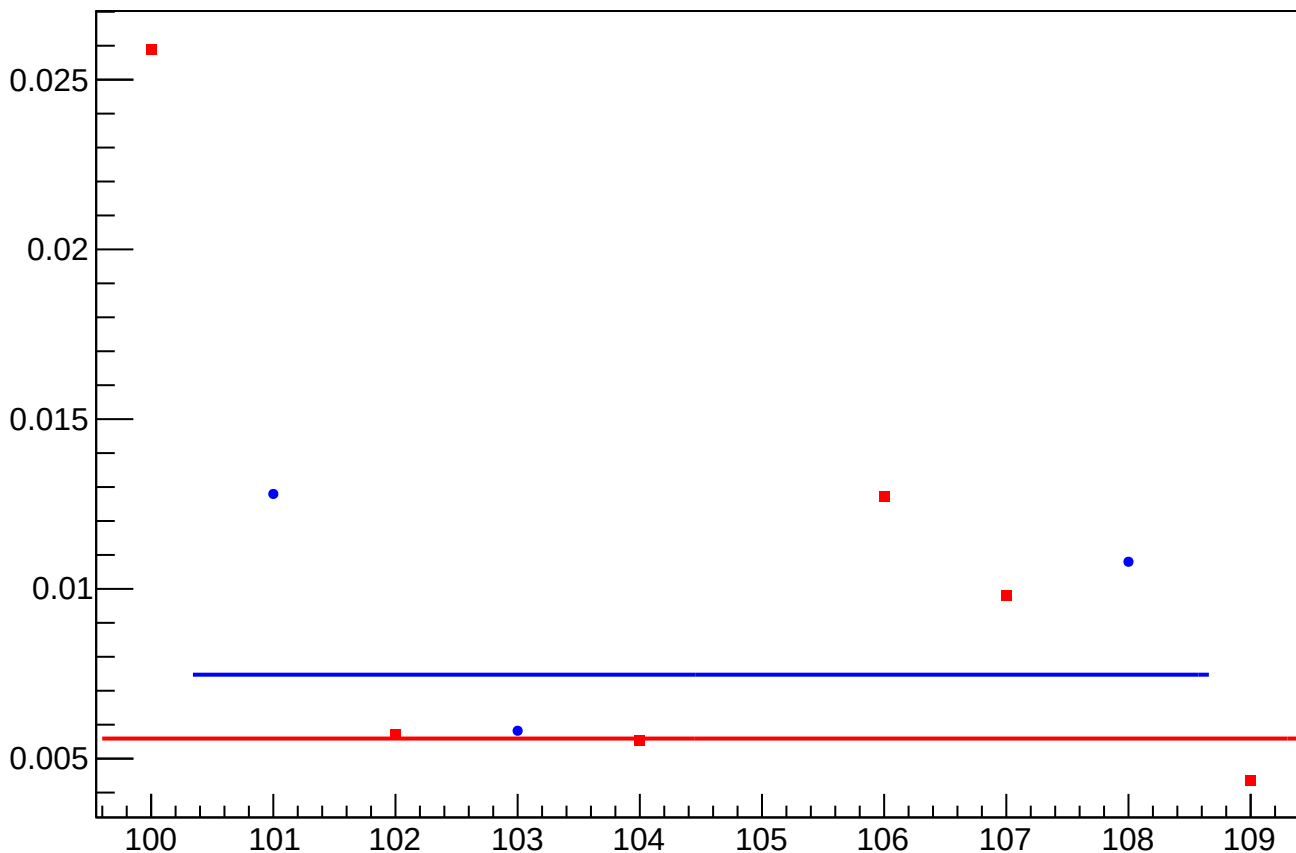
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 366835.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 454000.1/5

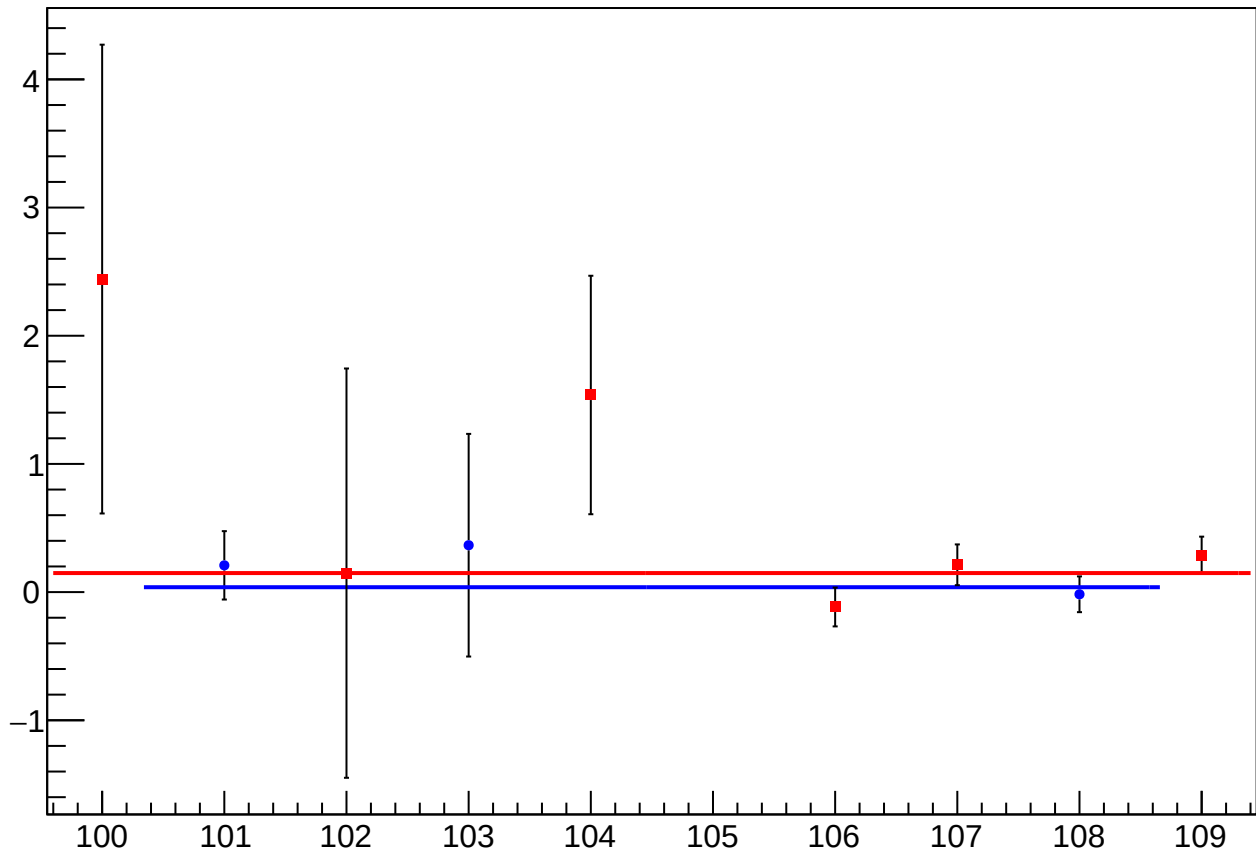
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 947094.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.148 $\pm$ 0.087 χ^2 /NDF: 7.9/5

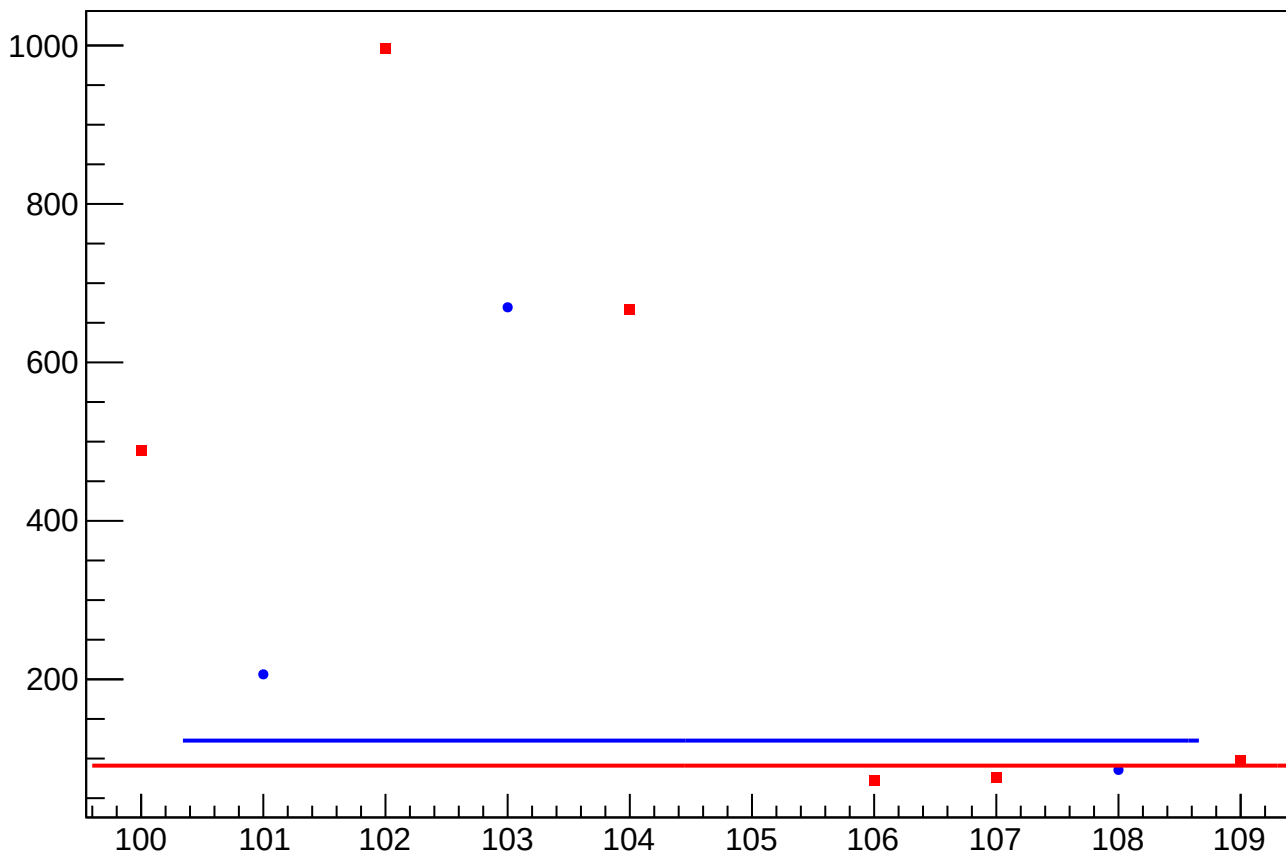
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.112 $\pm$ 0.071 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 122.663+/-0.087 χ^2/NDF : 1130041.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.079+/-0.061 χ^2/NDF : 1559426.9/5

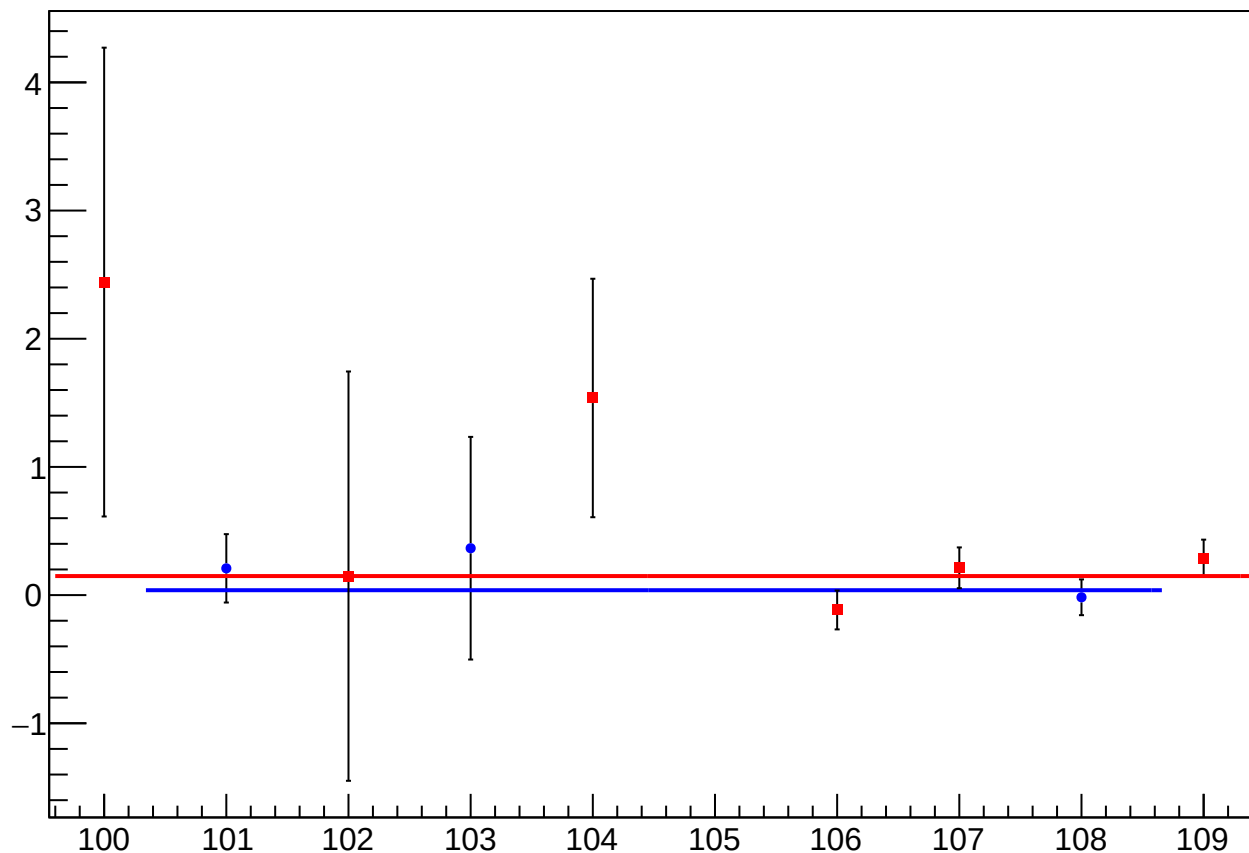
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.651+/-0.050 χ^2/NDF : 2778051.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.038 $\pm$ 0.122 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.148 $\pm$ 0.087 χ^2 /NDF: 7.9/5

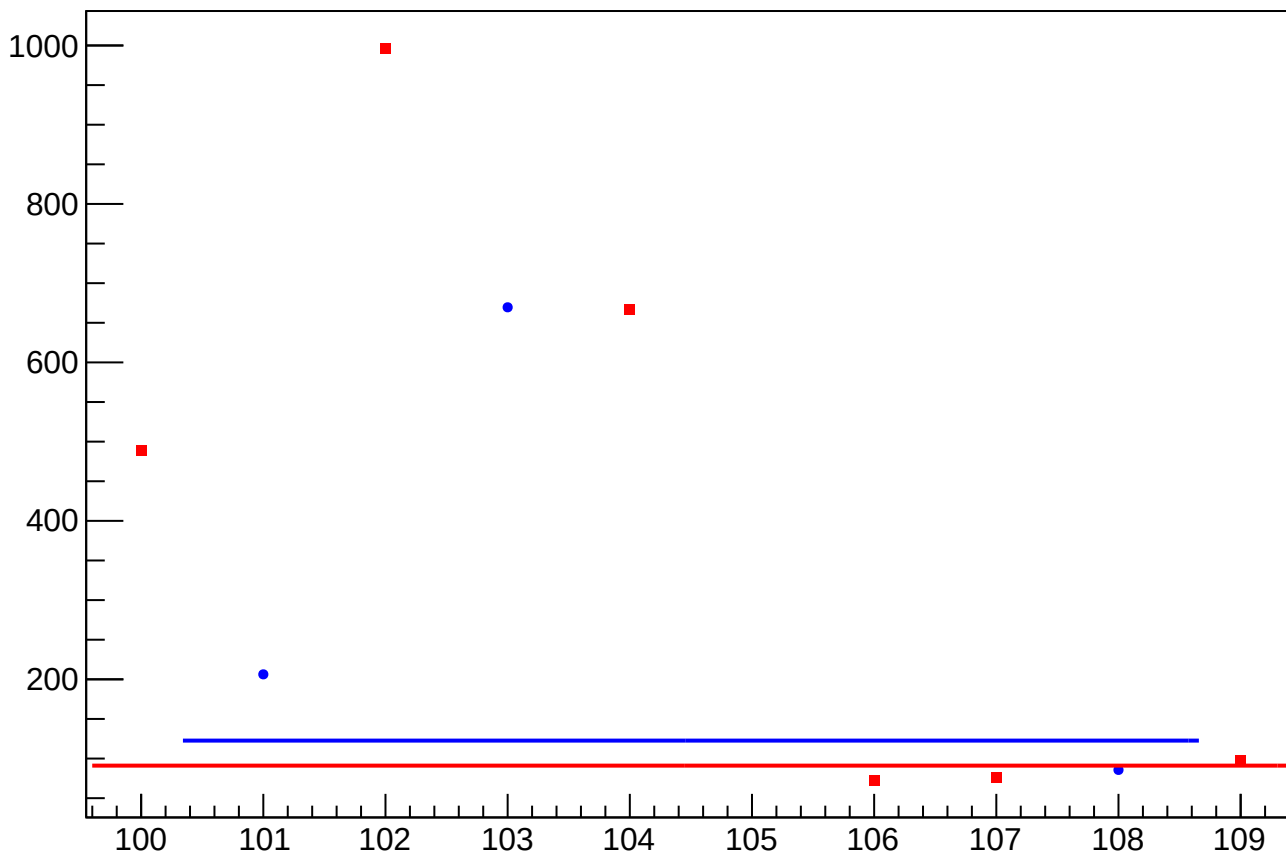
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.112 $\pm$ 0.071 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 122.663 $\pm$ 0.087 χ^2 /NDF: 1130041.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.079 $\pm$ 0.061 χ^2 /NDF: 1559426.9/5

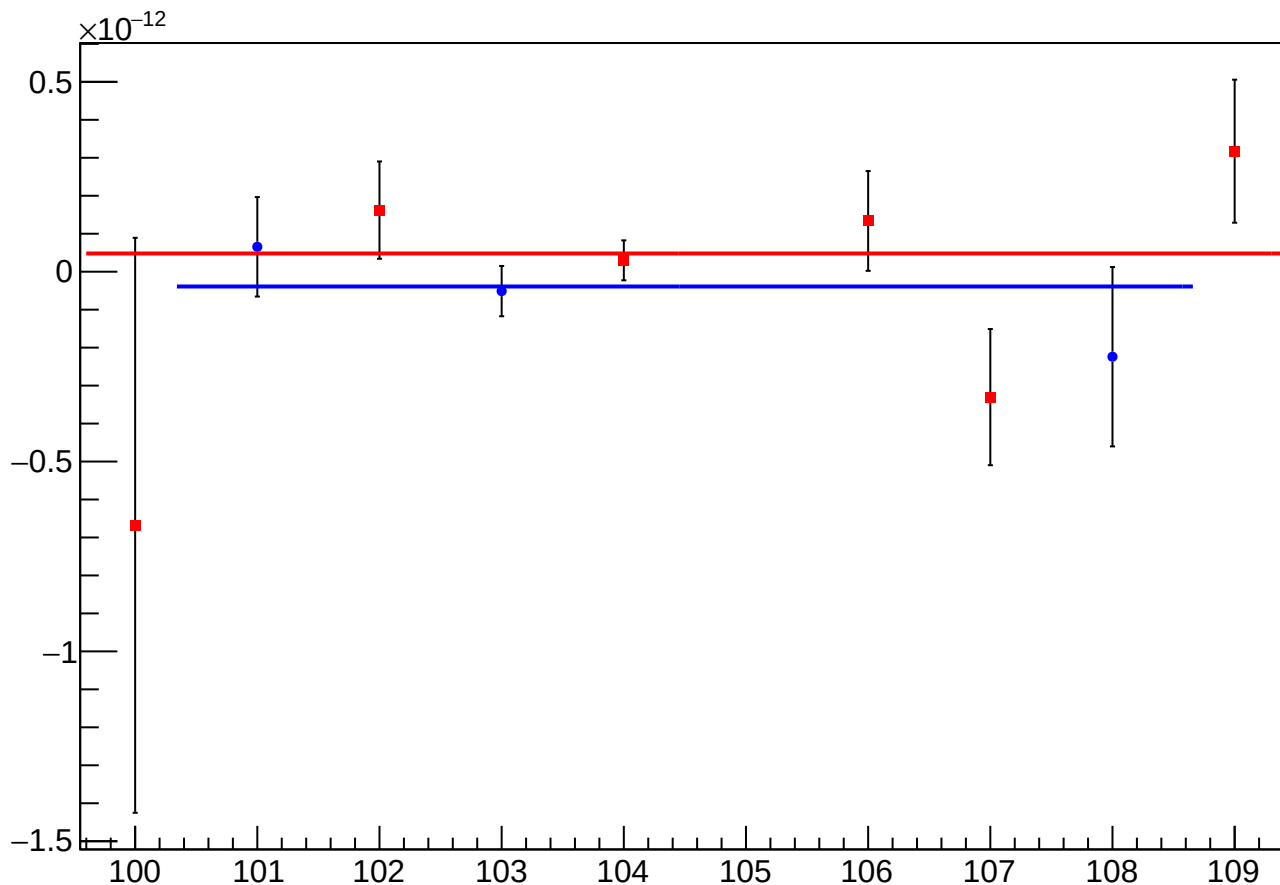
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.651 $\pm$ 0.050 χ^2 /NDF: 2778051.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 8.7/5

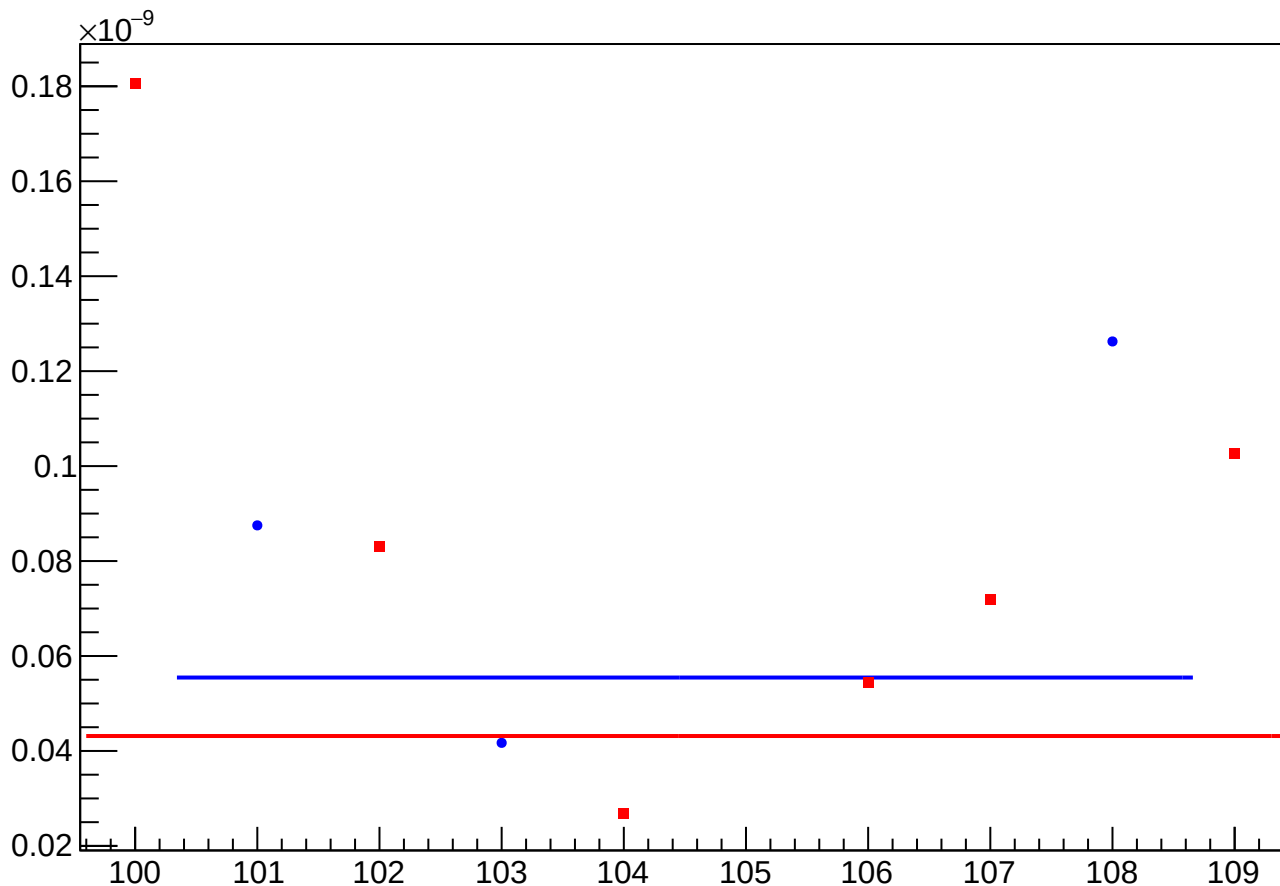
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 11.5/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 385604.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 718967.9/5

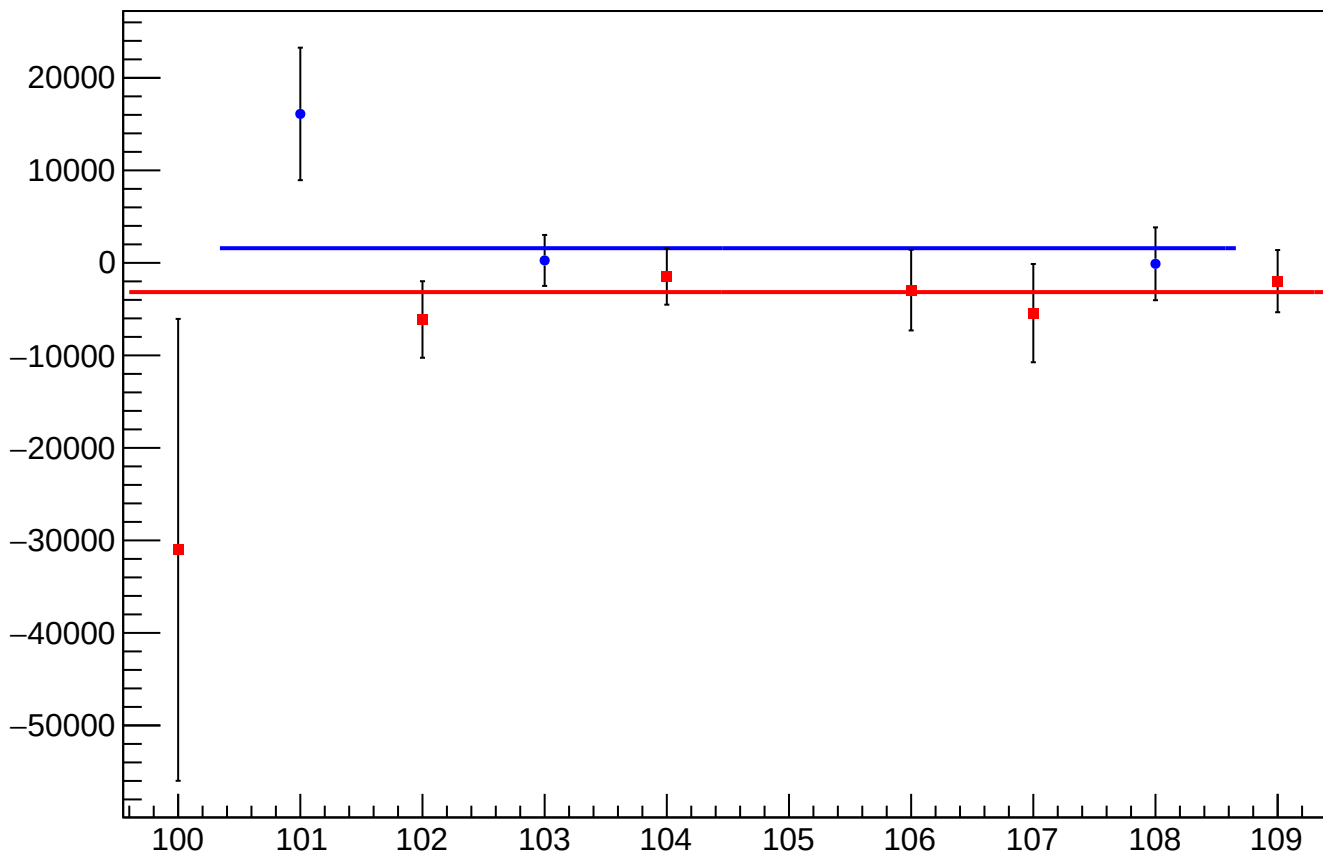
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1163640.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 1587.152+/-2152.515 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3157.861+/-1701.940 χ^2/NDF : 2.4/5

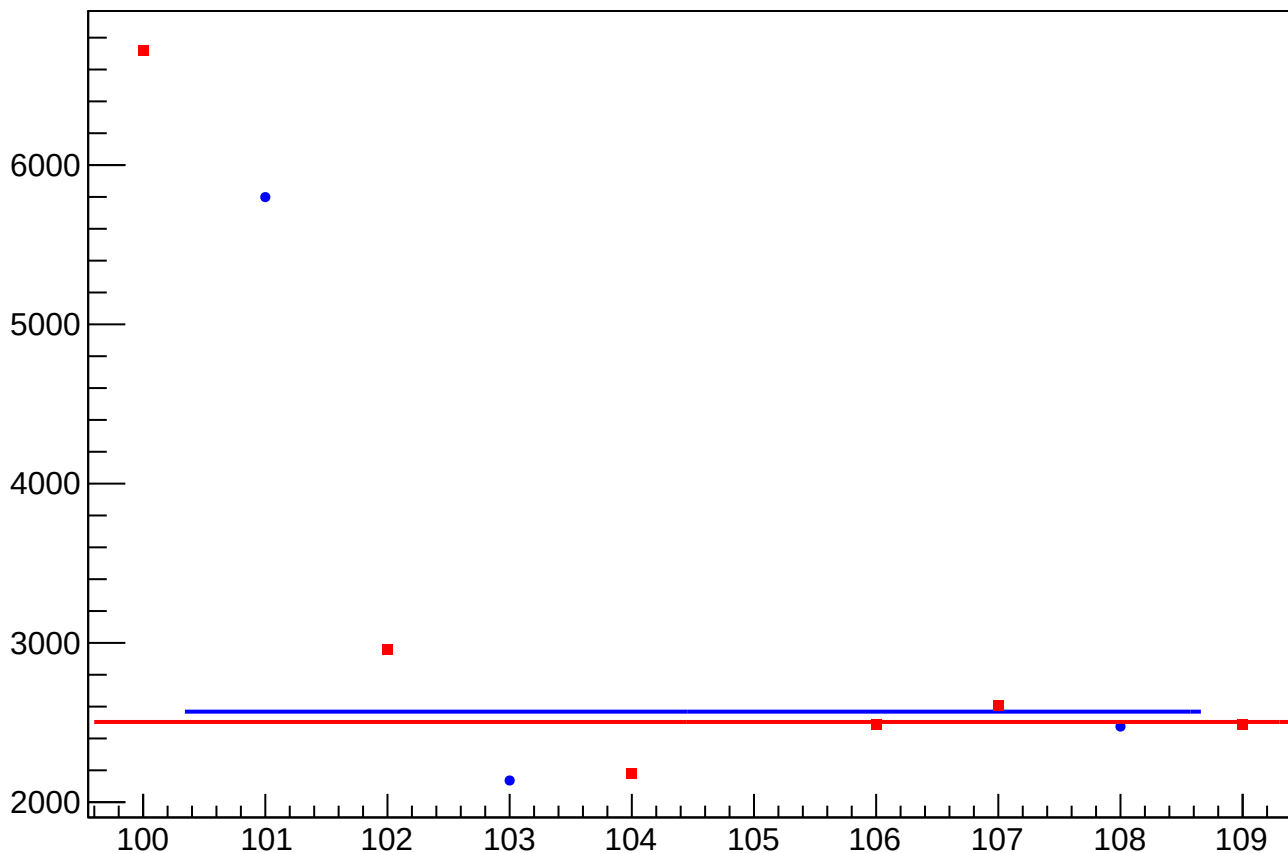
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1332.555+/-1335.043 χ^2/NDF : 9.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2568.338 $\pm$ 1.522 χ^2 /NDF: 457419.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2503.568 $\pm$ 1.203 χ^2 /NDF: 104671.6/5

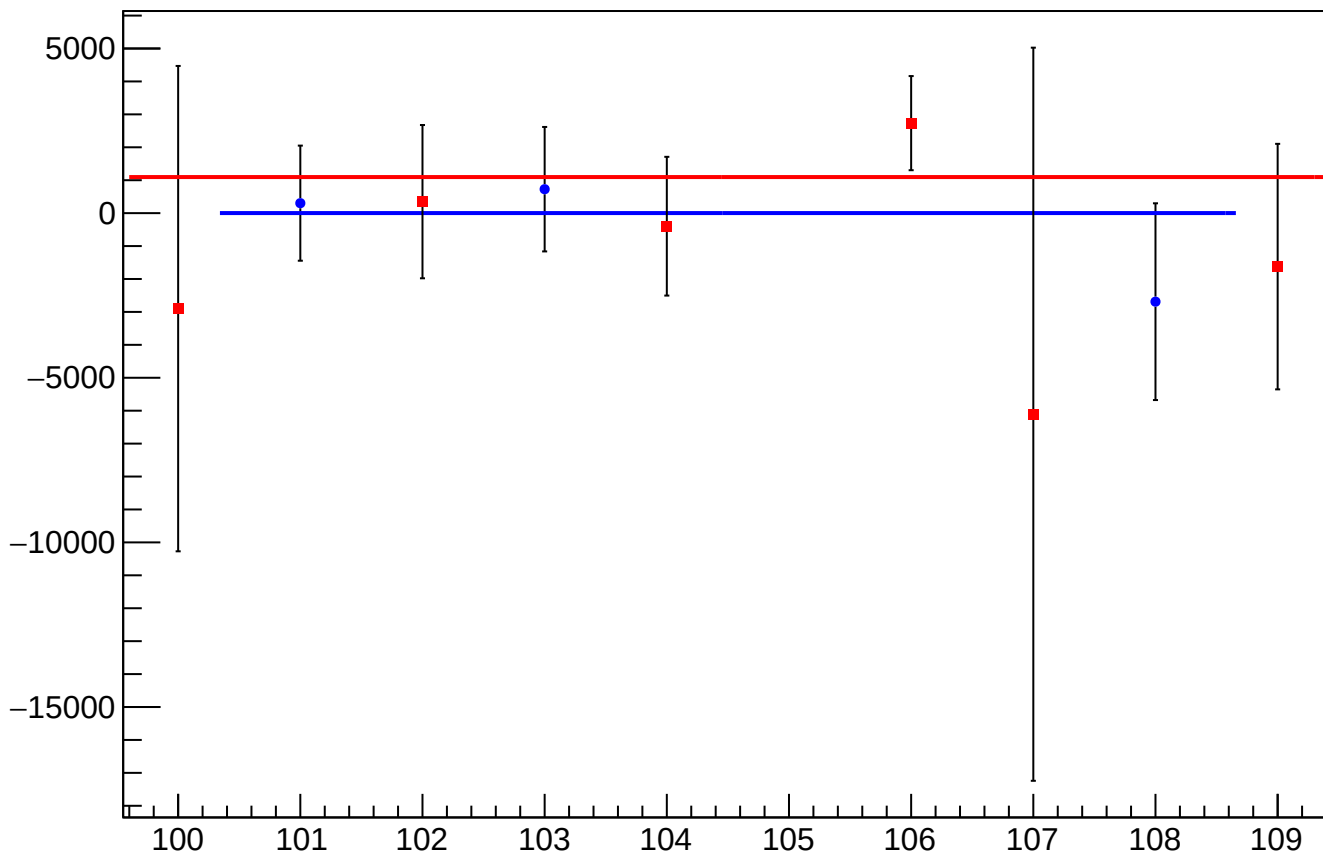
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2528.484 $\pm$ 0.944 χ^2 /NDF: 563205.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug



Right In: 2.084 $\pm$ 1179.149 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1095.807 $\pm$ 1001.215 χ^2 /NDF: 3.2/5

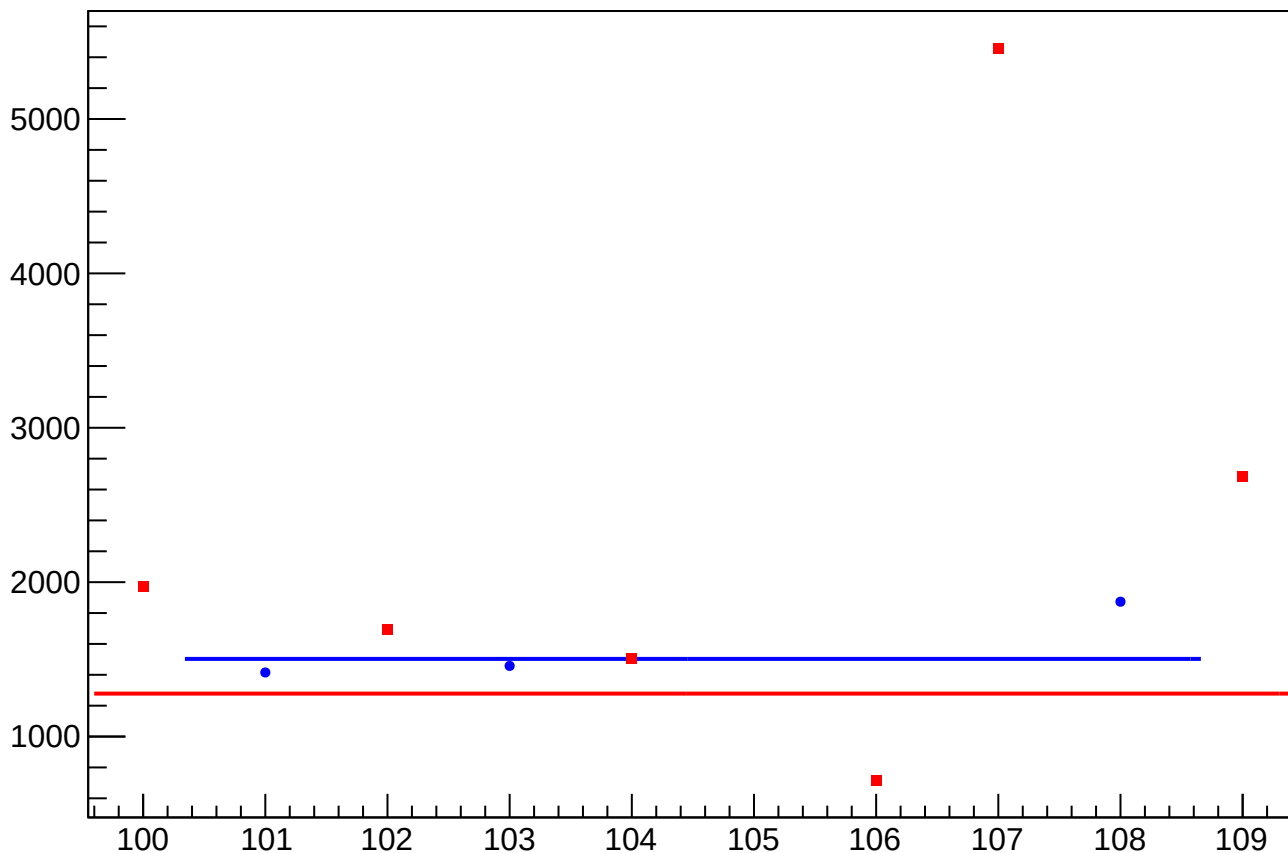
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 637.611 $\pm$ 763.204 χ^2 /NDF: 4.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug



Right In: 1502.993+/-0.834 χ^2/NDF : 36958.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.203+/-0.708 χ^2/NDF : 982792.5/5

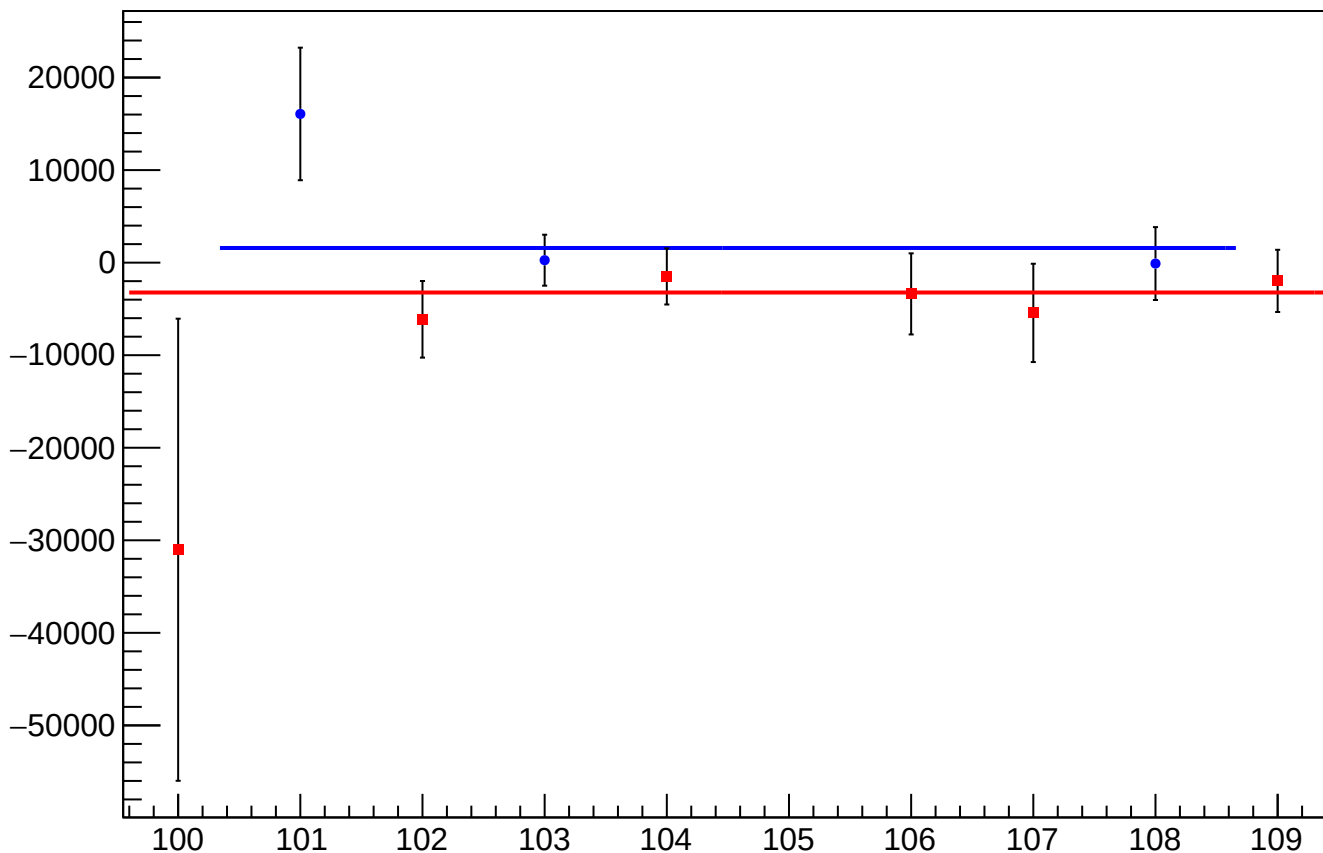
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1372.375+/-0.540 χ^2/NDF : 1061986.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 1583.573+/-2152.517 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3226.782+/-1703.062 χ^2/NDF : 2.4/5

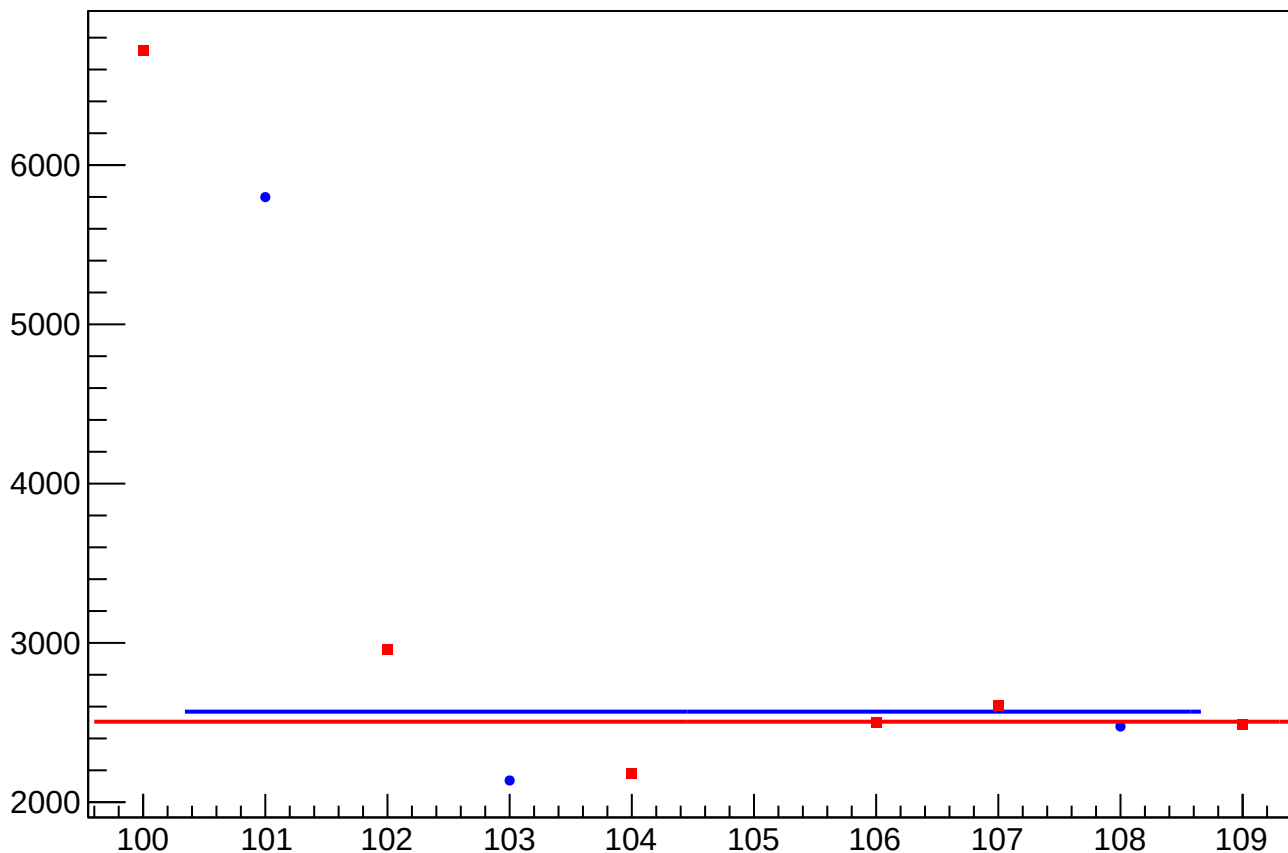
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1374.842+/-1335.585 χ^2/NDF : 9.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2568.338 $\pm$ 1.522 χ^2 /NDF: 457420.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2505.208 $\pm$ 1.204 χ^2 /NDF: 104651.5/5

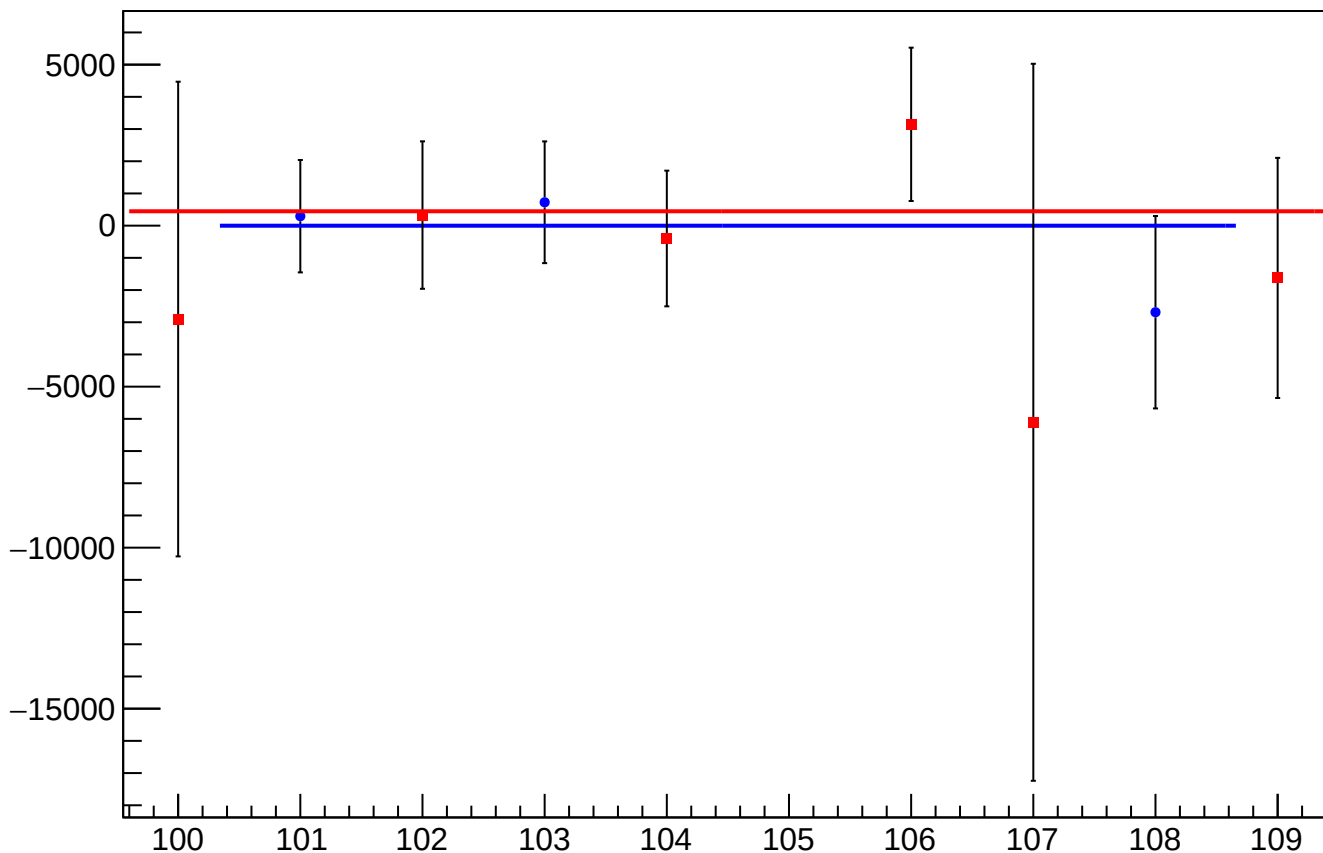
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2529.512 $\pm$ 0.944 χ^2 /NDF: 563129.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug



Right In: -2.022+/-1178.400 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.282+/-1203.146 χ^2/NDF : 2.3/5

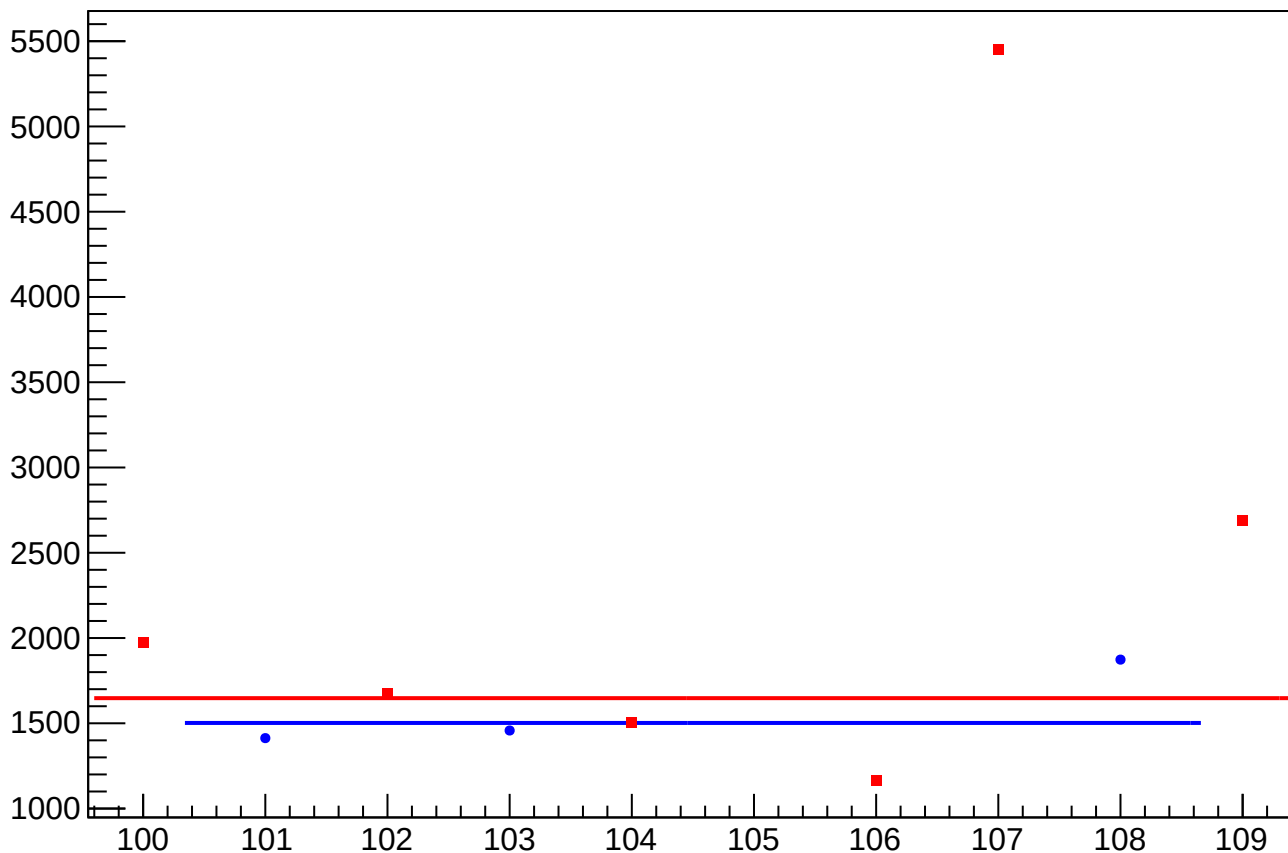
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.472+/-841.867 χ^2/NDF : 3.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



Right In: 1502.019+/-0.833 χ^2/NDF : 37191.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1647.385+/-0.851 χ^2/NDF : 484664.8/5

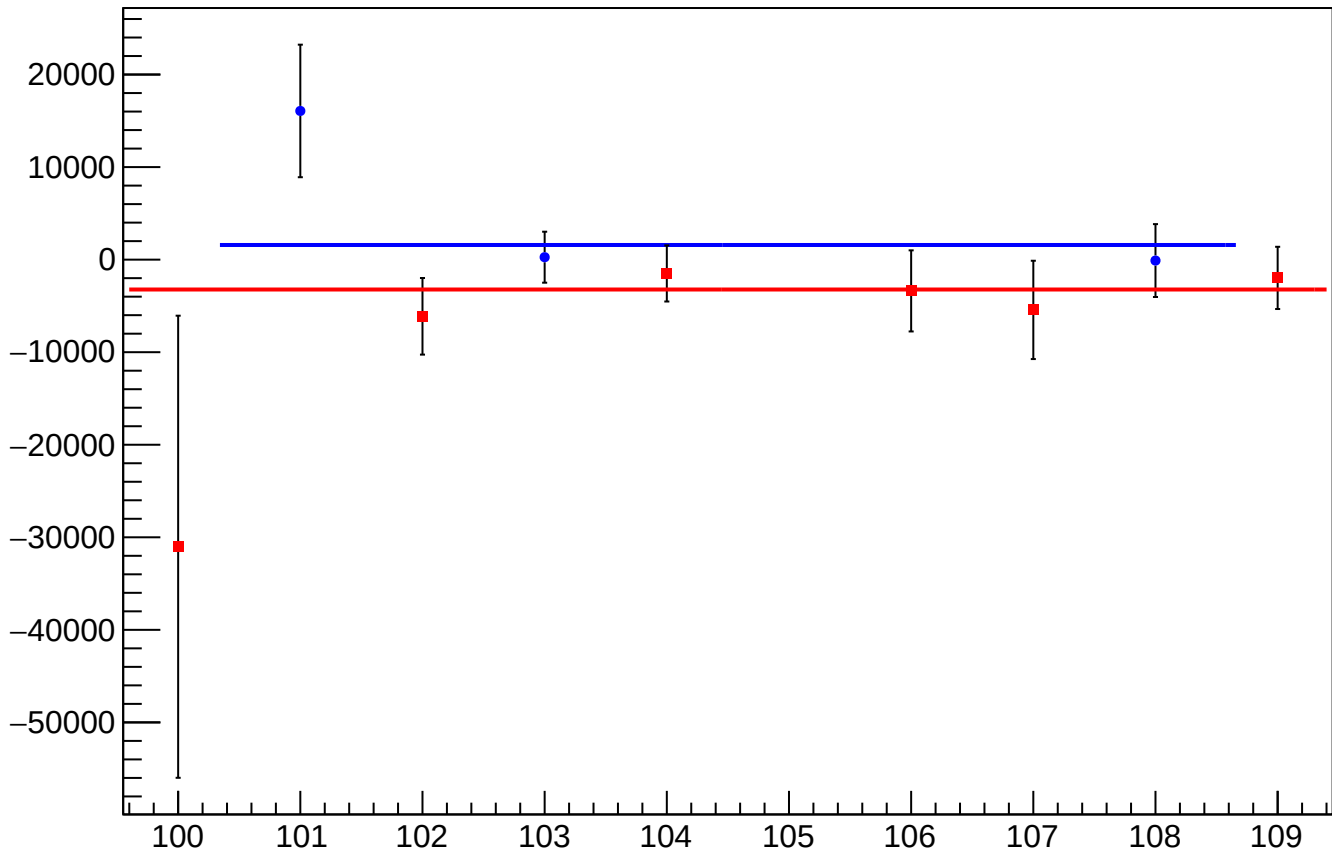
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.191+/-0.595 χ^2/NDF : 536757.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 1583.573+/-2152.517 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3226.782+/-1703.062 χ^2/NDF : 2.4/5

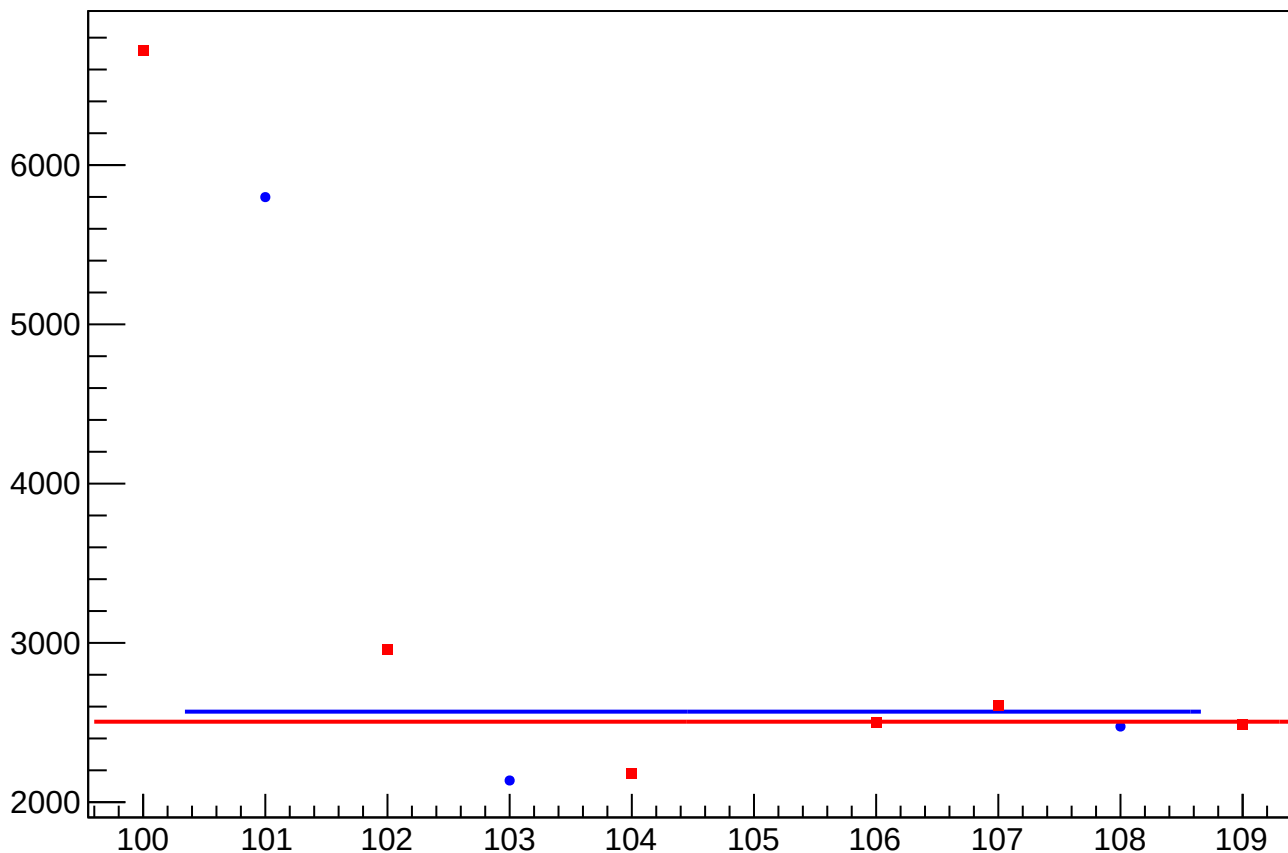
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1374.842+/-1335.585 χ^2/NDF : 9.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2568.338 $\pm$ 1.522 χ^2 /NDF: 457420.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2505.208 $\pm$ 1.204 χ^2 /NDF: 104651.5/5

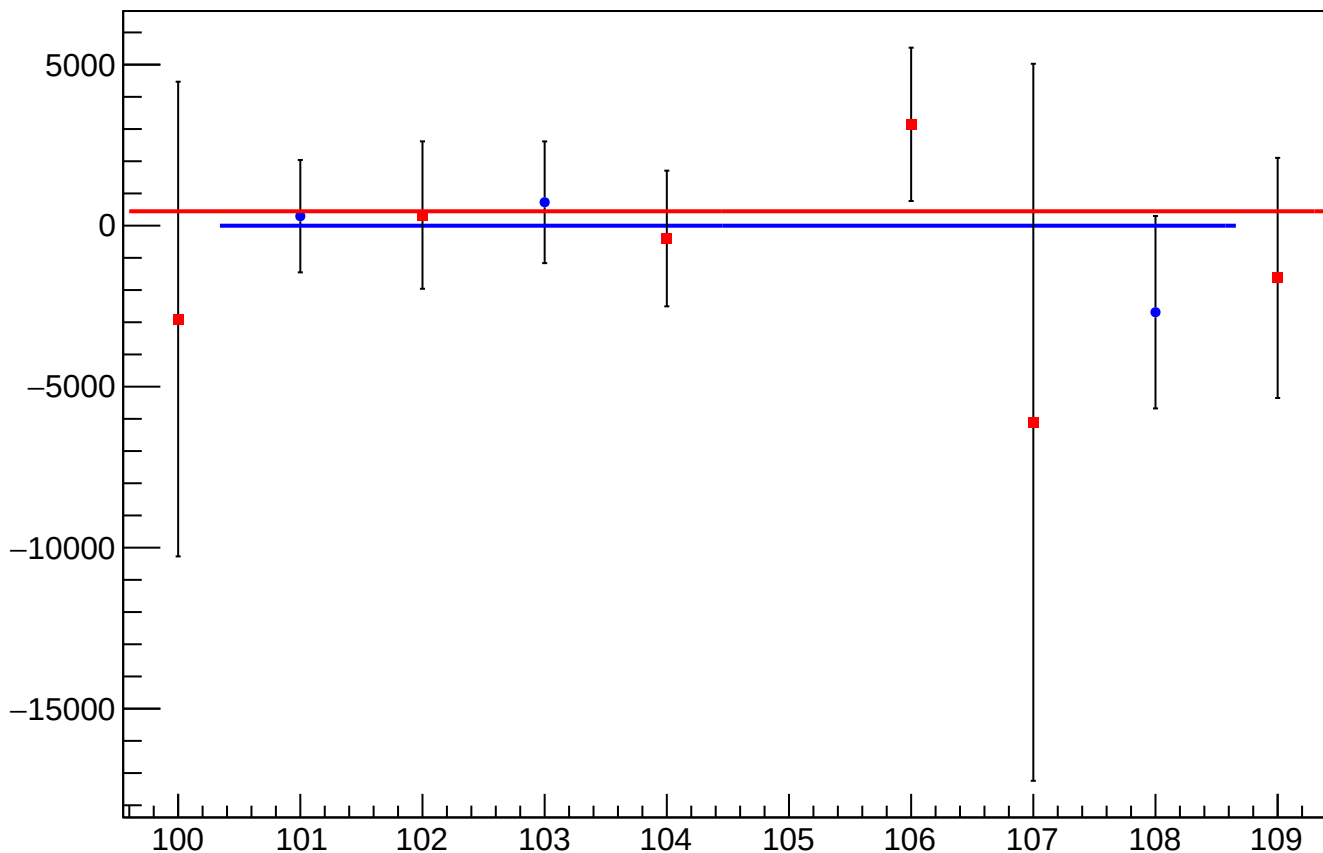
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2529.512 $\pm$ 0.944 χ^2 /NDF: 563129.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -2.022 $\pm$ 1178.400 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 446.282 $\pm$ 1203.146 χ^2 /NDF: 2.3/5

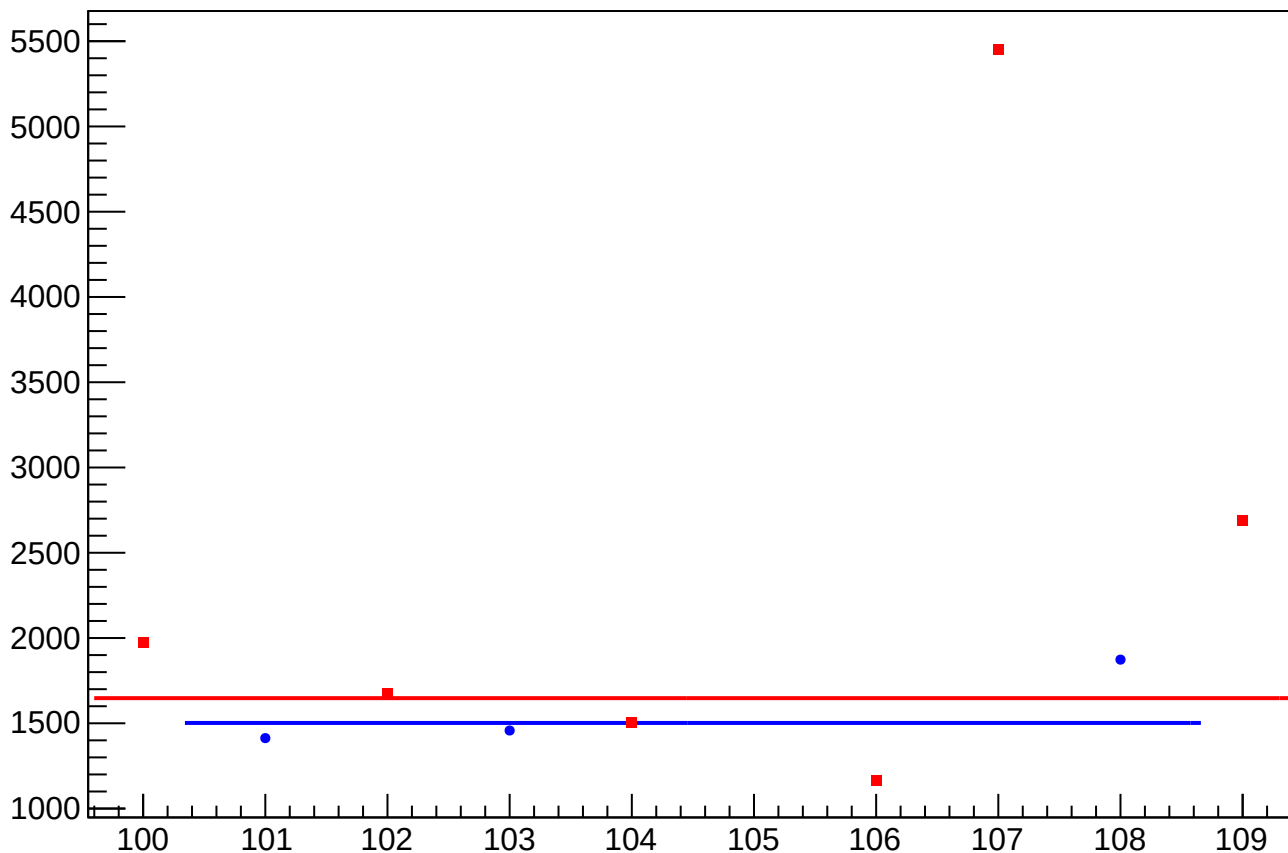
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 217.472 $\pm$ 841.867 χ^2 /NDF: 3.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 1502.019+/-0.833 χ^2/NDF : 37191.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1647.385+/-0.851 χ^2/NDF : 484664.8/5

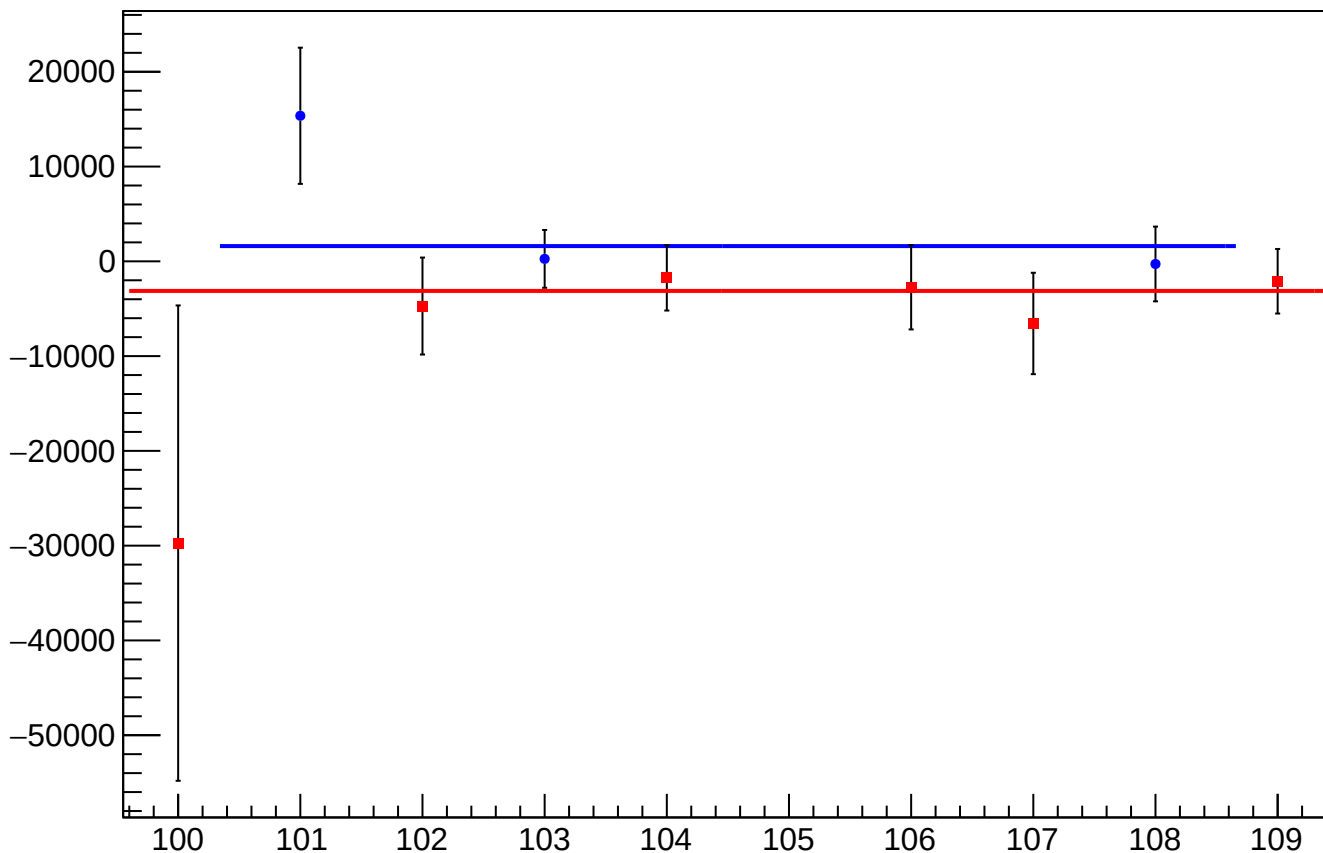
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1573.191+/-0.595 χ^2/NDF : 536757.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 1607.989+/-2287.228 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3122.519+/-1838.550 χ^2/NDF : 1.9/5

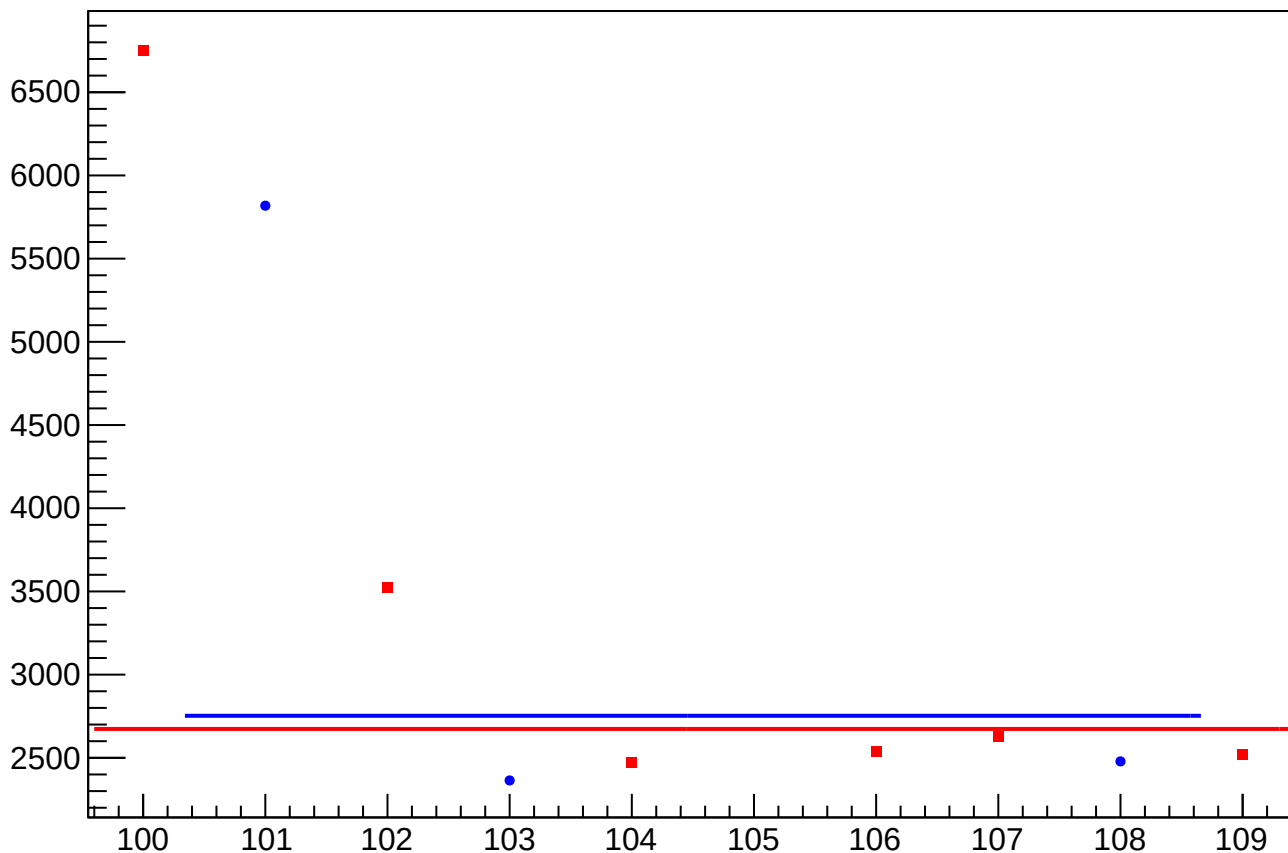
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1265.695+/-1432.983 χ^2/NDF : 8.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2752.651 $\pm$ 1.617 χ^2 /NDF: 406163.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2673.648 $\pm$ 1.300 χ^2 /NDF: 120736.6/5

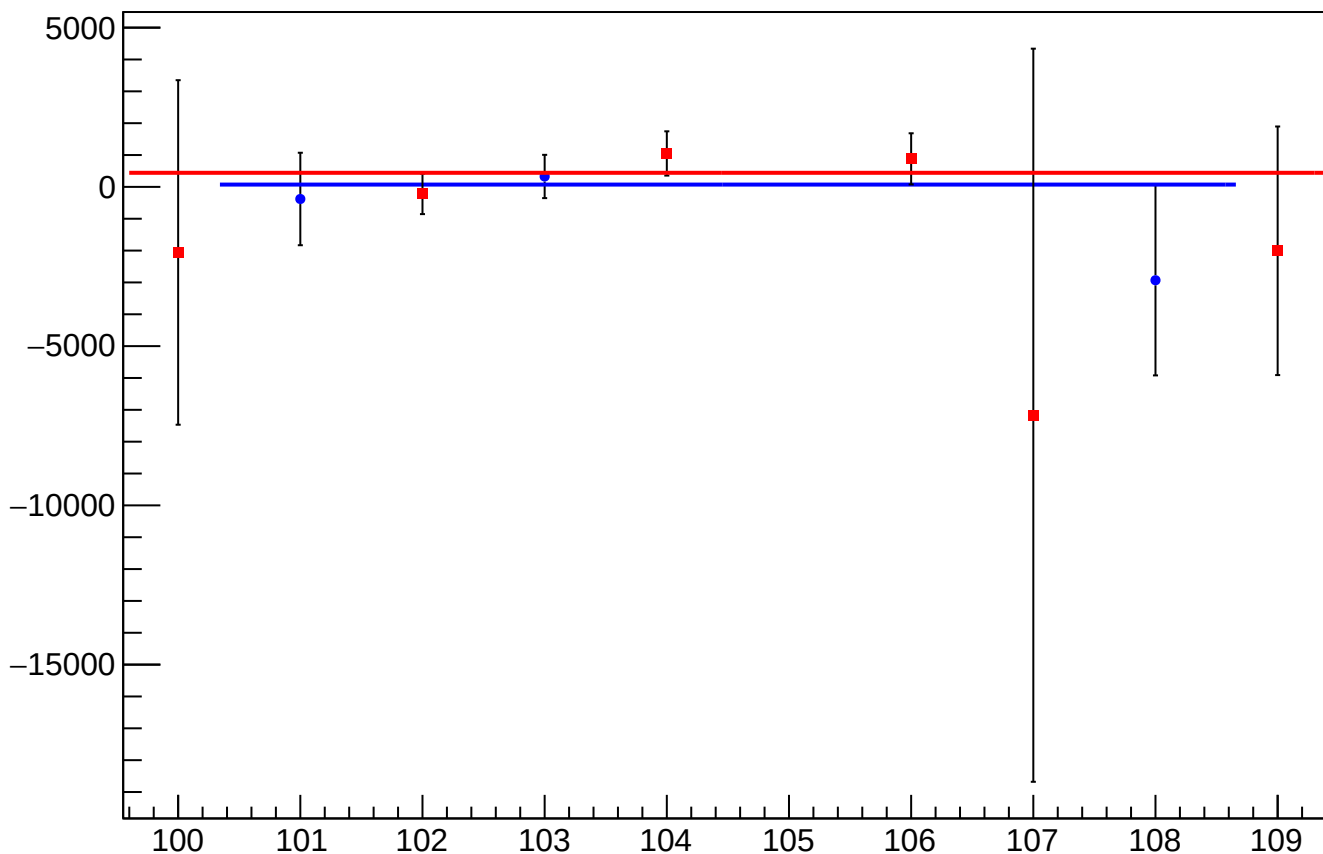
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2704.658 $\pm$ 1.013 χ^2 /NDF: 528350.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug



Right In: 72.372+/-602.713 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.124+/-401.633 χ^2/NDF : 3.2/5

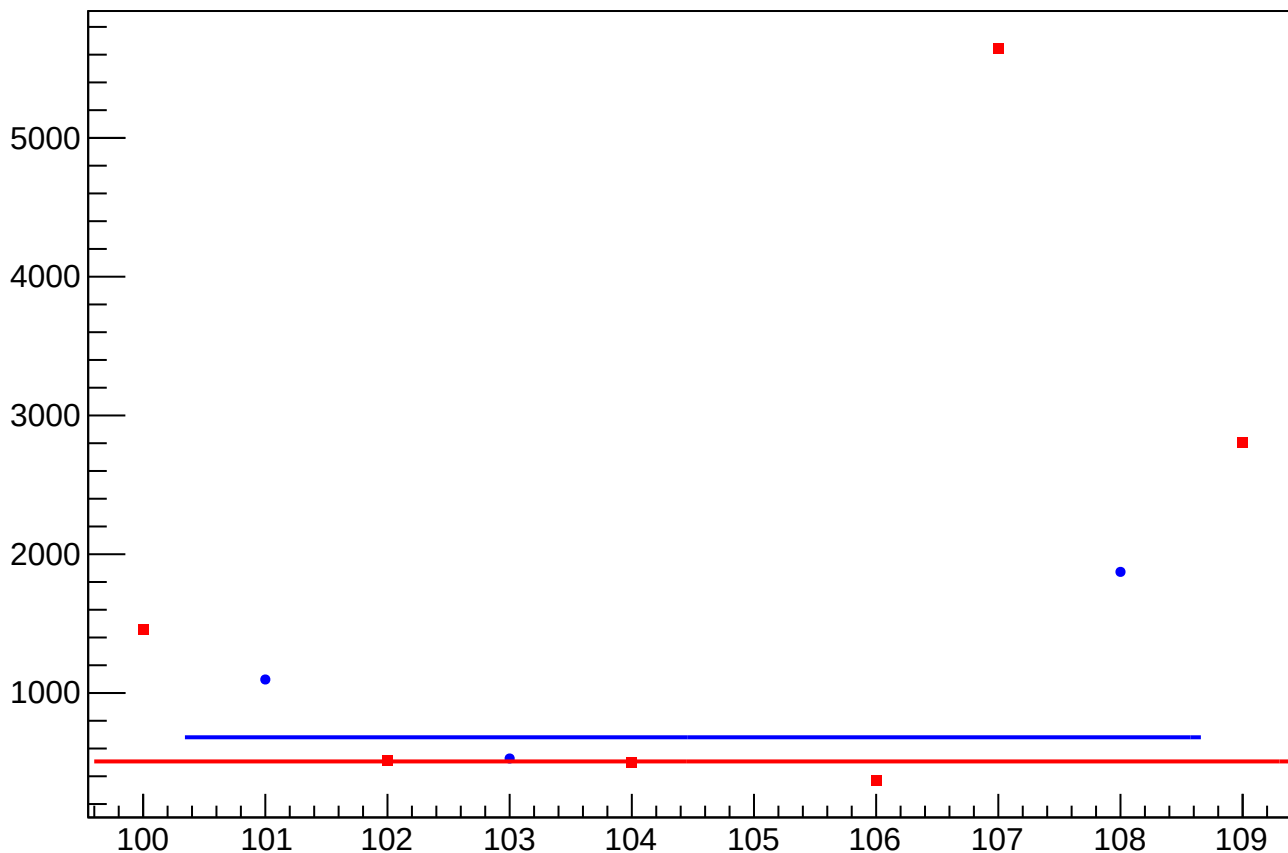
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.423+/-334.224 χ^2/NDF : 4.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 680.962 $\pm$ 0.426 χ^2 /NDF: 584048.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

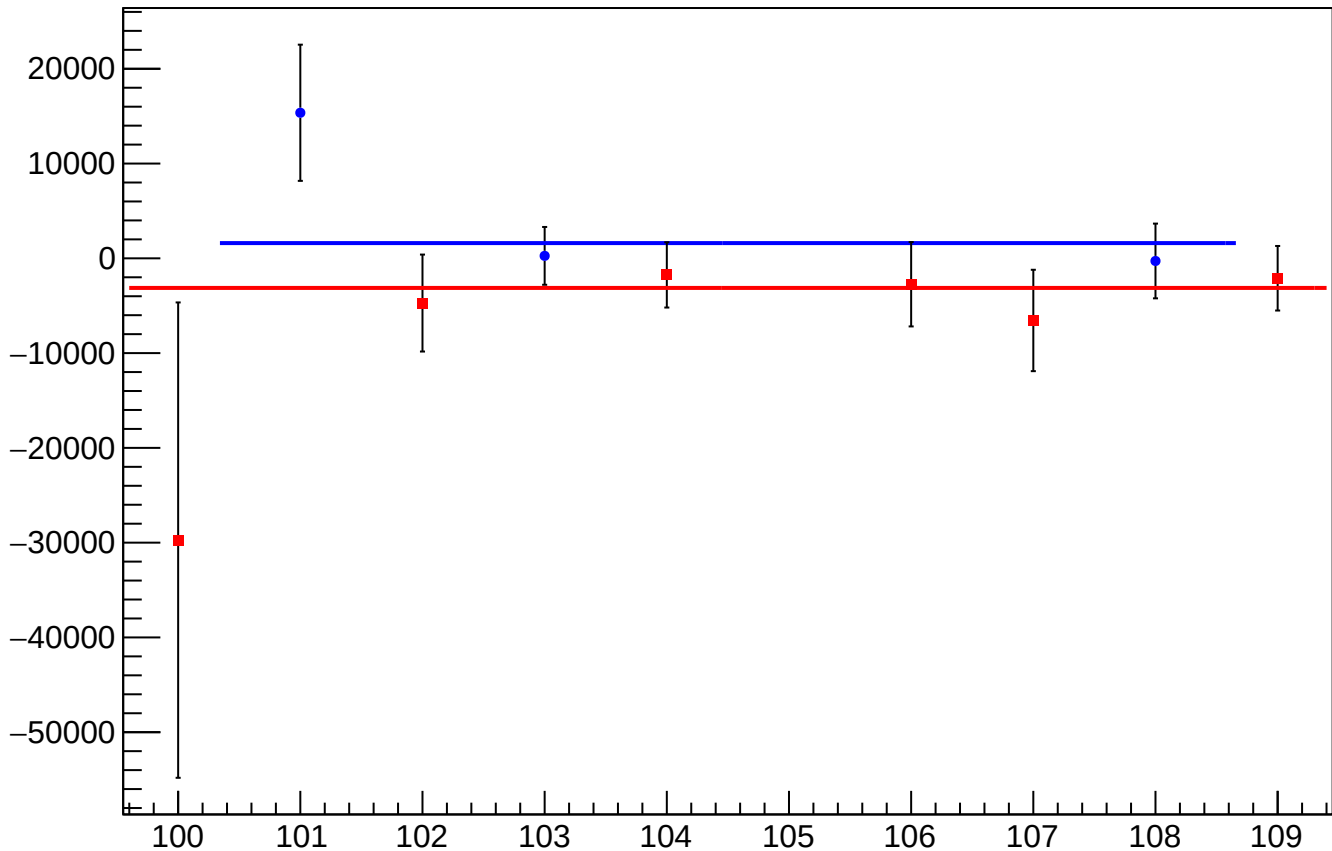
Right Out: 506.969 $\pm$ 0.284 χ^2 /NDF: 1212461.0/5

All: 560.473 $\pm$ 0.236 χ^2 /NDF: 1911932.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 1607.981+/-2287.226 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3122.504+/-1838.548 χ^2/NDF : 1.9/5

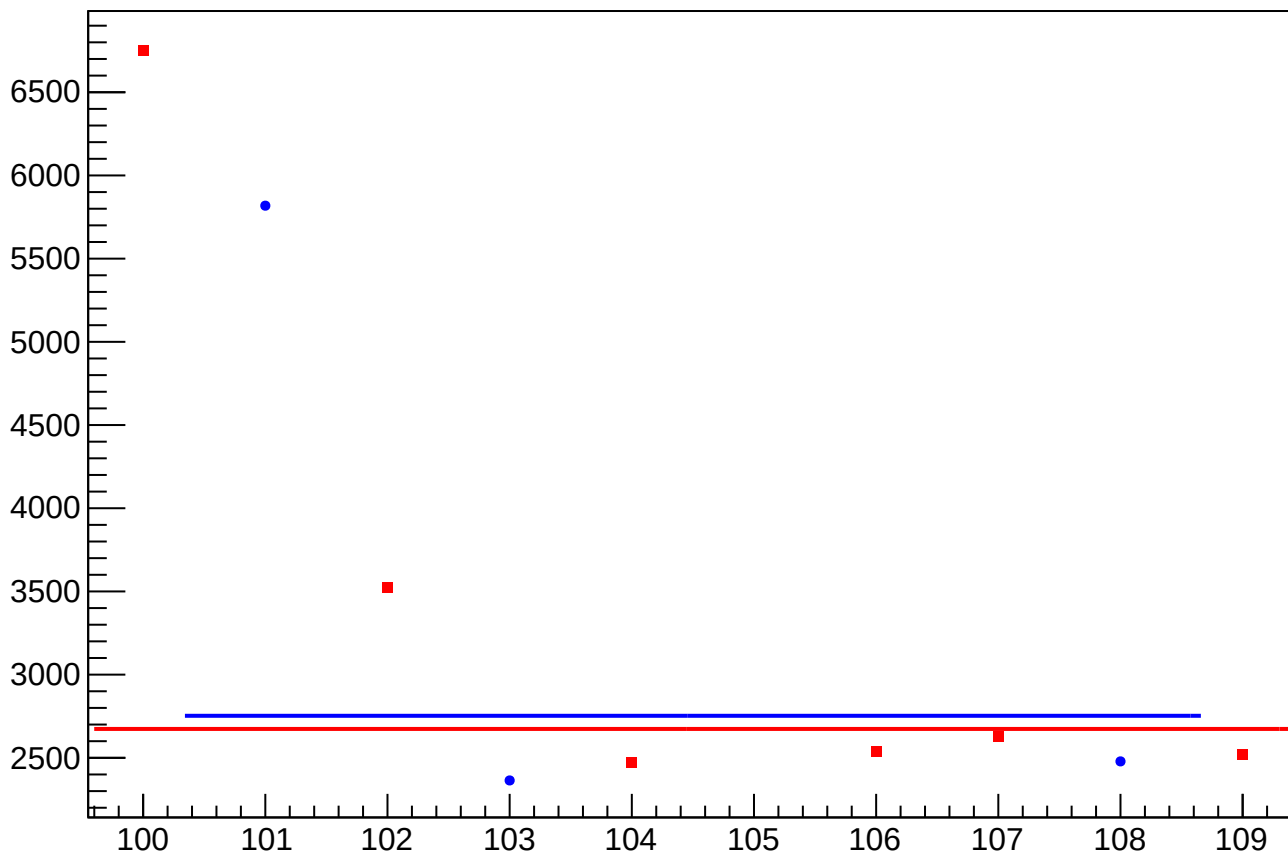
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1265.688+/-1432.981 χ^2/NDF : 8.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2752.648+/-1.617 χ^2/NDF : 406164.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2673.645+/-1.300 χ^2/NDF : 120736.4/5

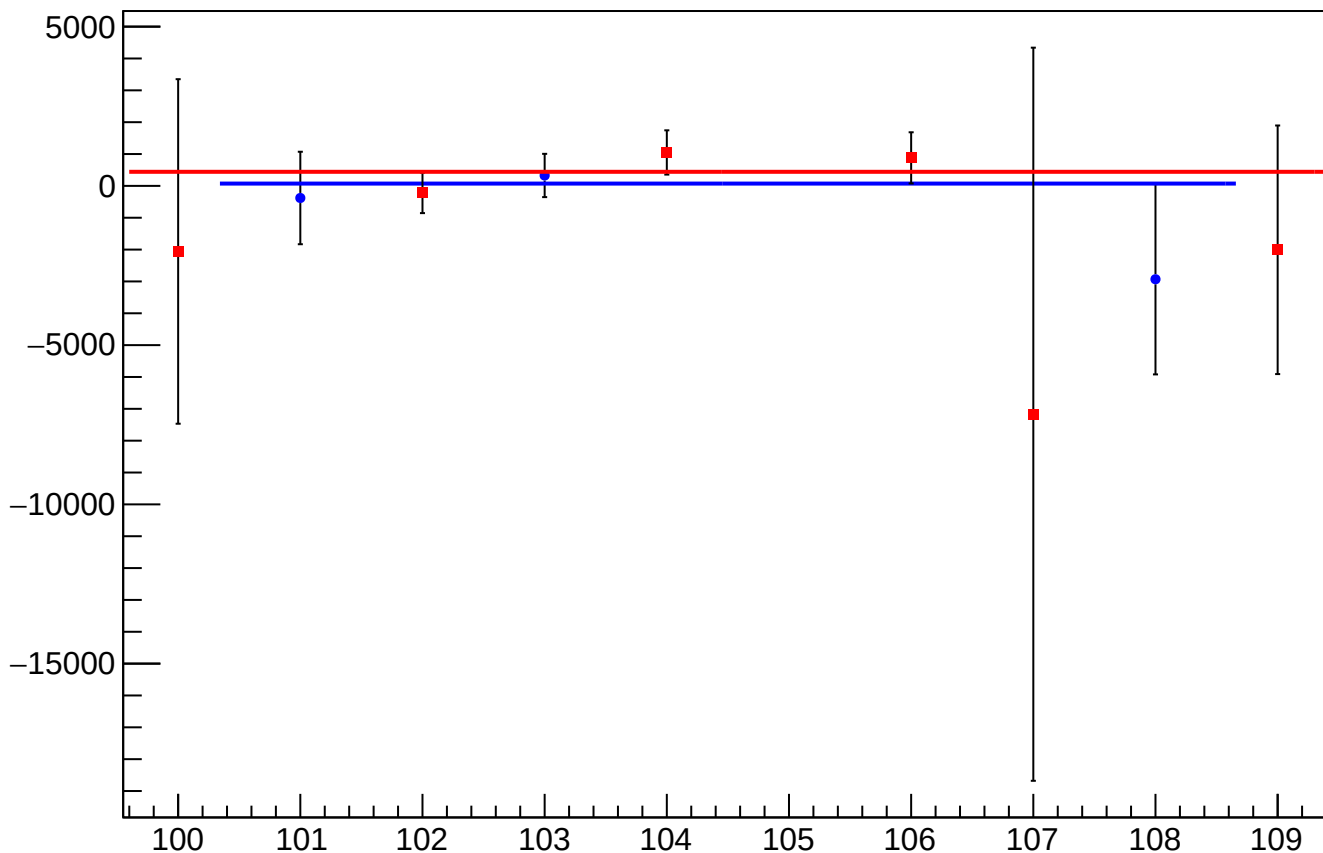
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2704.655+/-1.013 χ^2/NDF : 528350.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: 72.363+/-602.718 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.129+/-401.640 χ^2/NDF : 3.2/5

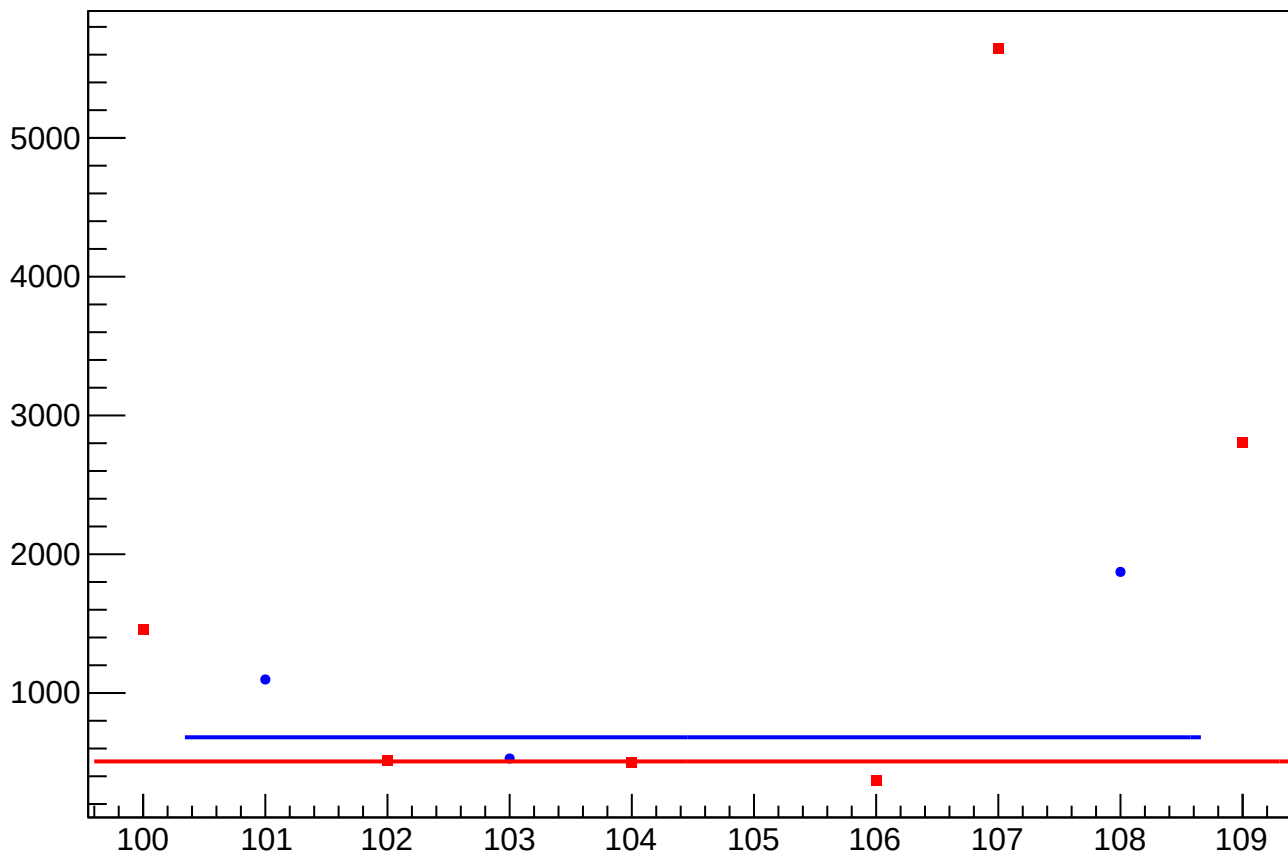
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.423+/-334.229 χ^2/NDF : 4.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 680.970 $\pm$ 0.426 χ^2 /NDF: 584040.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 506.979 $\pm$ 0.284 χ^2 /NDF: 1212443.0/5

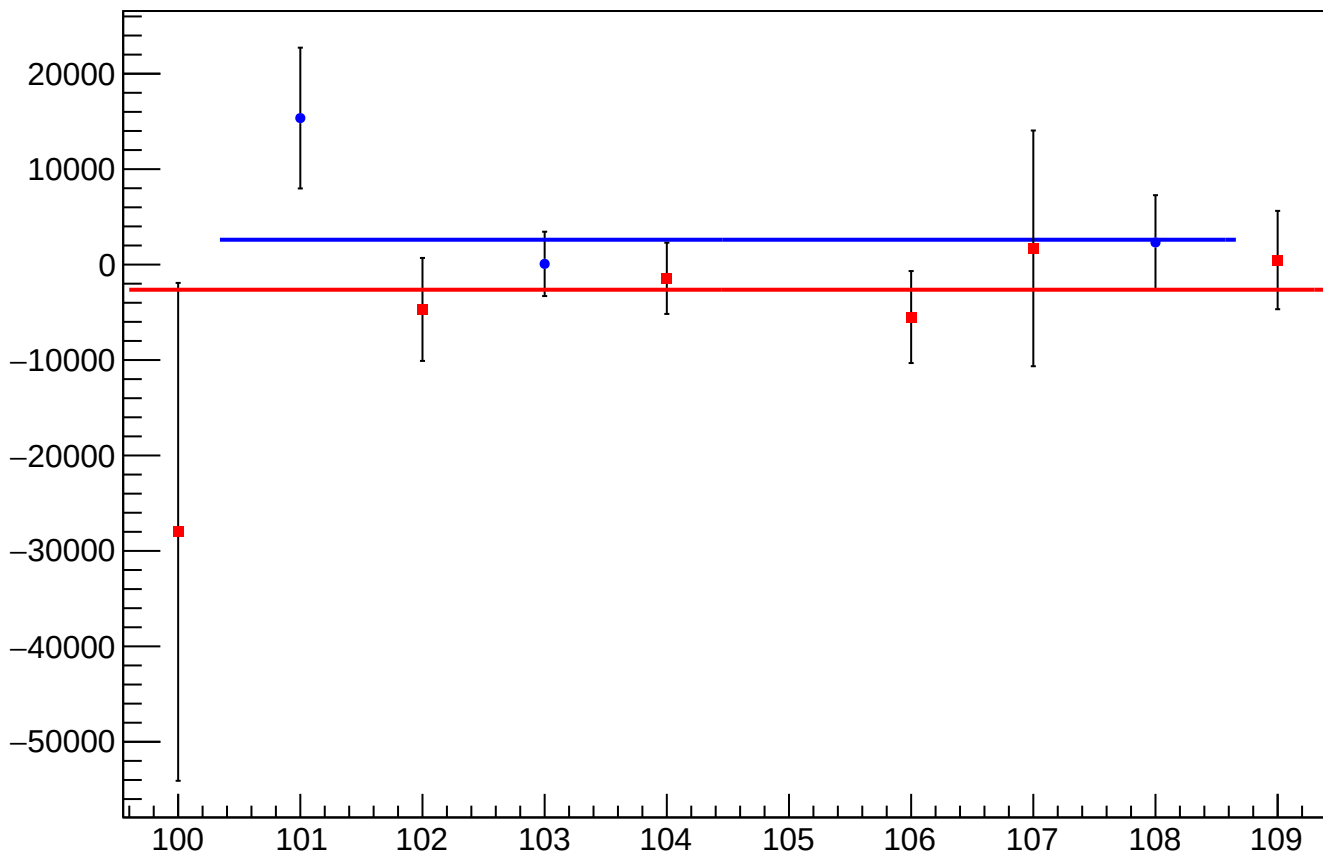
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 560.483 $\pm$ 0.236 χ^2 /NDF: 1911900.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 2604.432+/-2606.944 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2634.249+/-2265.276 χ^2/NDF : 2.0/5

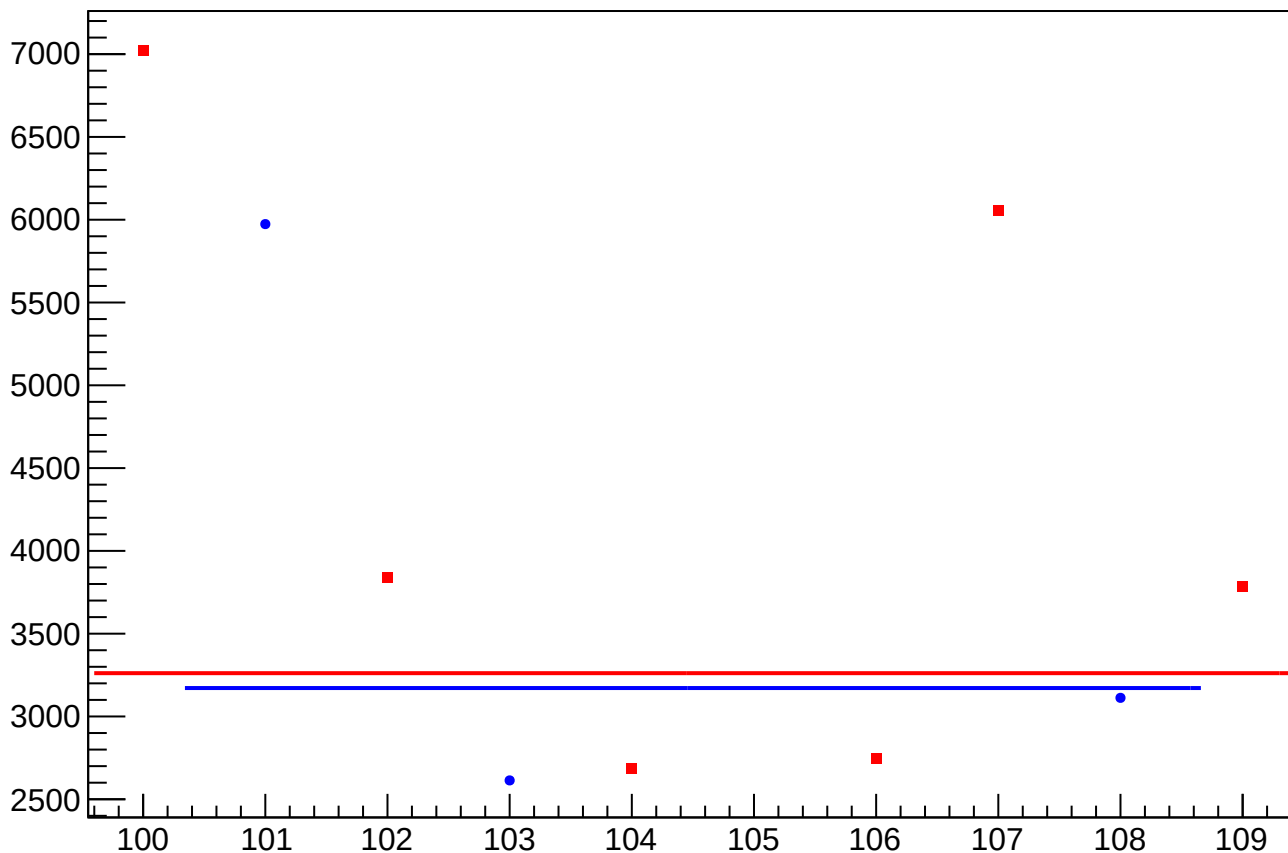
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -380.477+/-1709.920 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3171.674 $\pm$ 1.843 χ^2 /NDF: 343663.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3261.495 $\pm$ 1.602 χ^2 /NDF: 257304.8/5

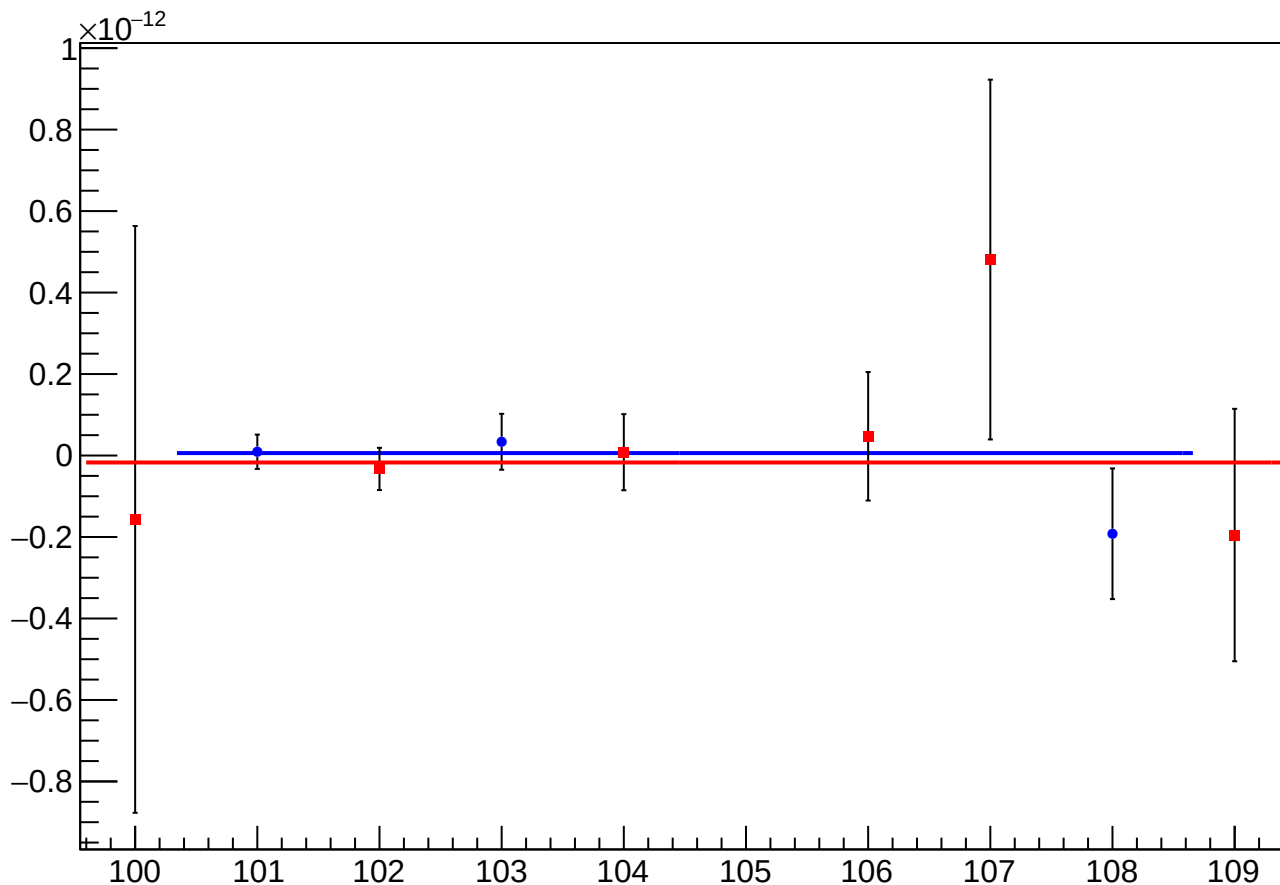
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3222.854 $\pm$ 1.209 χ^2 /NDF: 602321.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/5

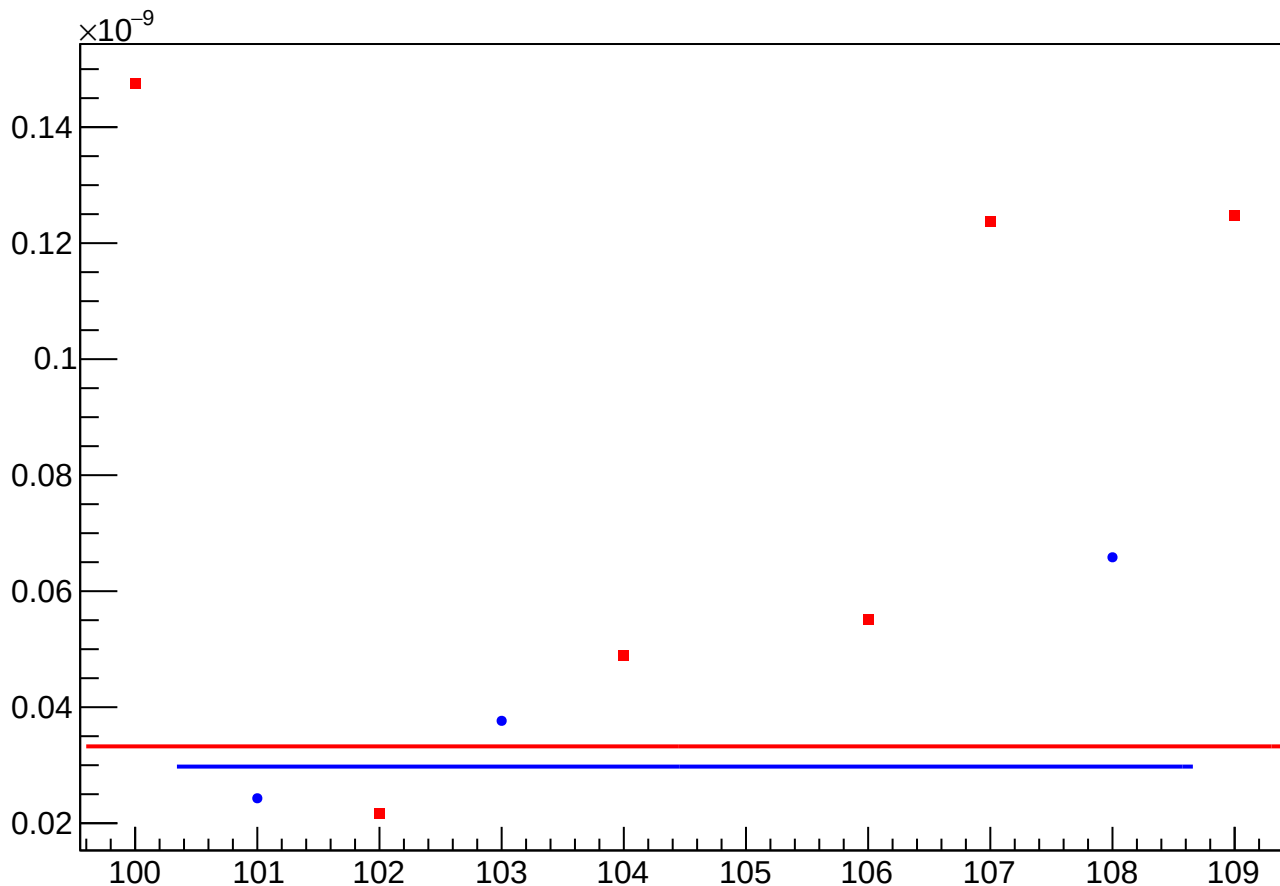
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 161307.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 502989.3/5

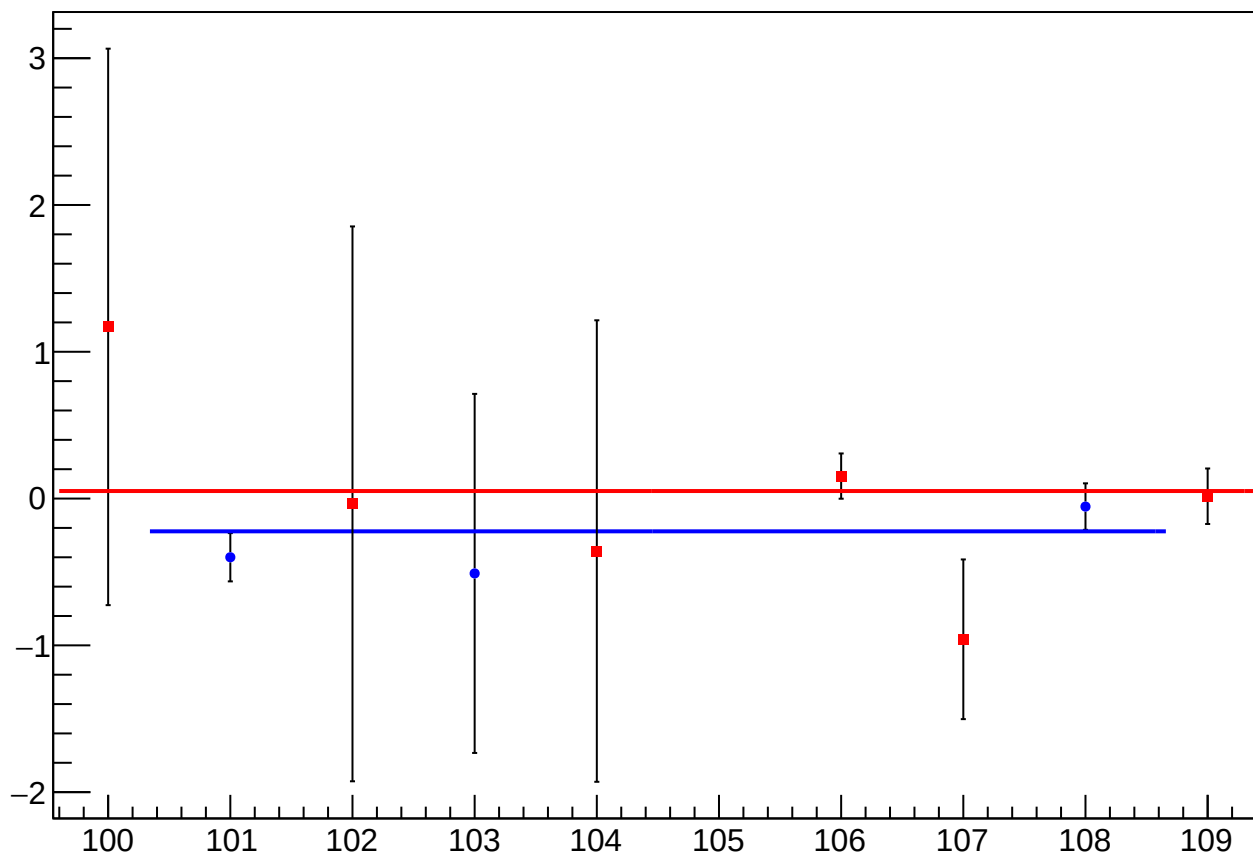
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 672217.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.223 $\pm$ 0.114 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.051 $\pm$ 0.116 χ^2 /NDF: 4.3/5

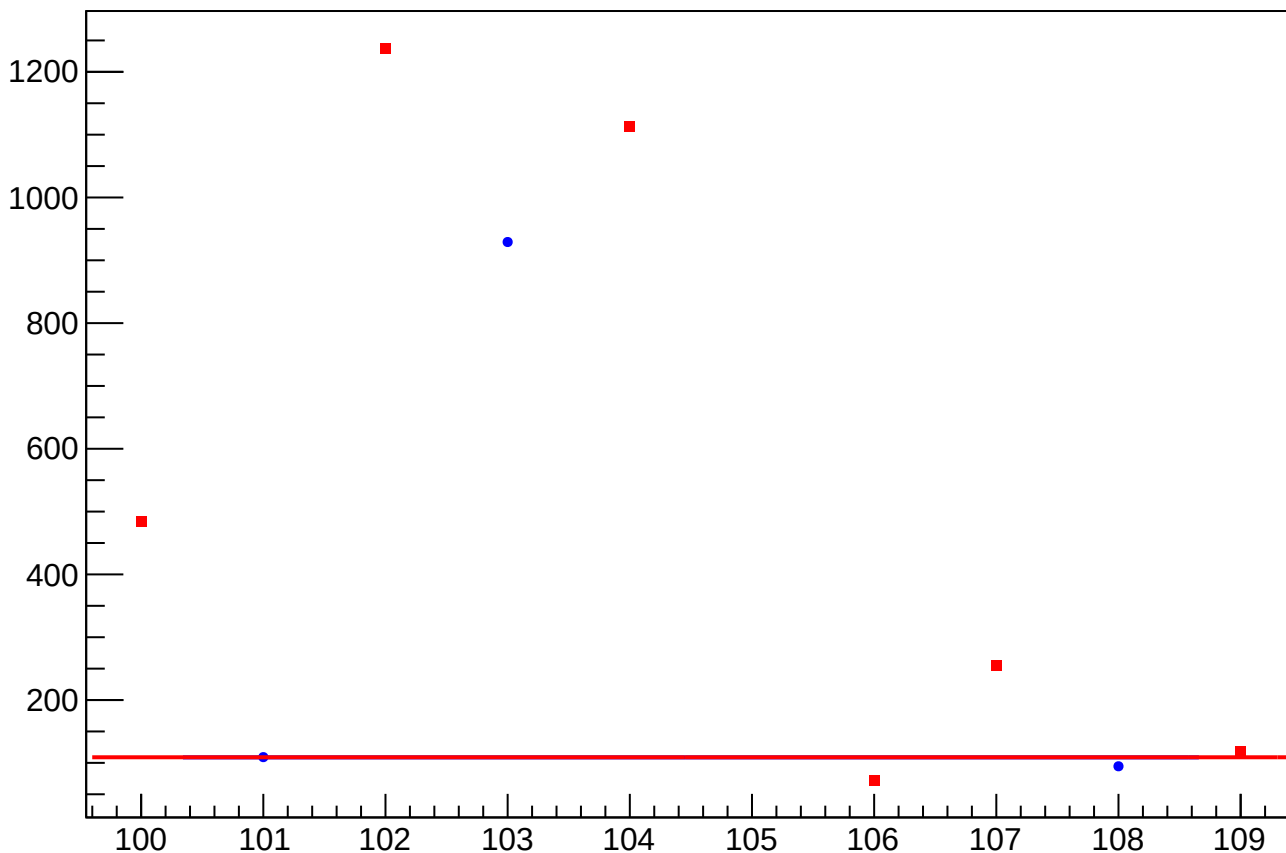
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.089 $\pm$ 0.081 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 108.708 $\pm$ 0.080 χ^2 /NDF: 915889.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.893 $\pm$ 0.082 χ^2 /NDF: 1874224.0/5

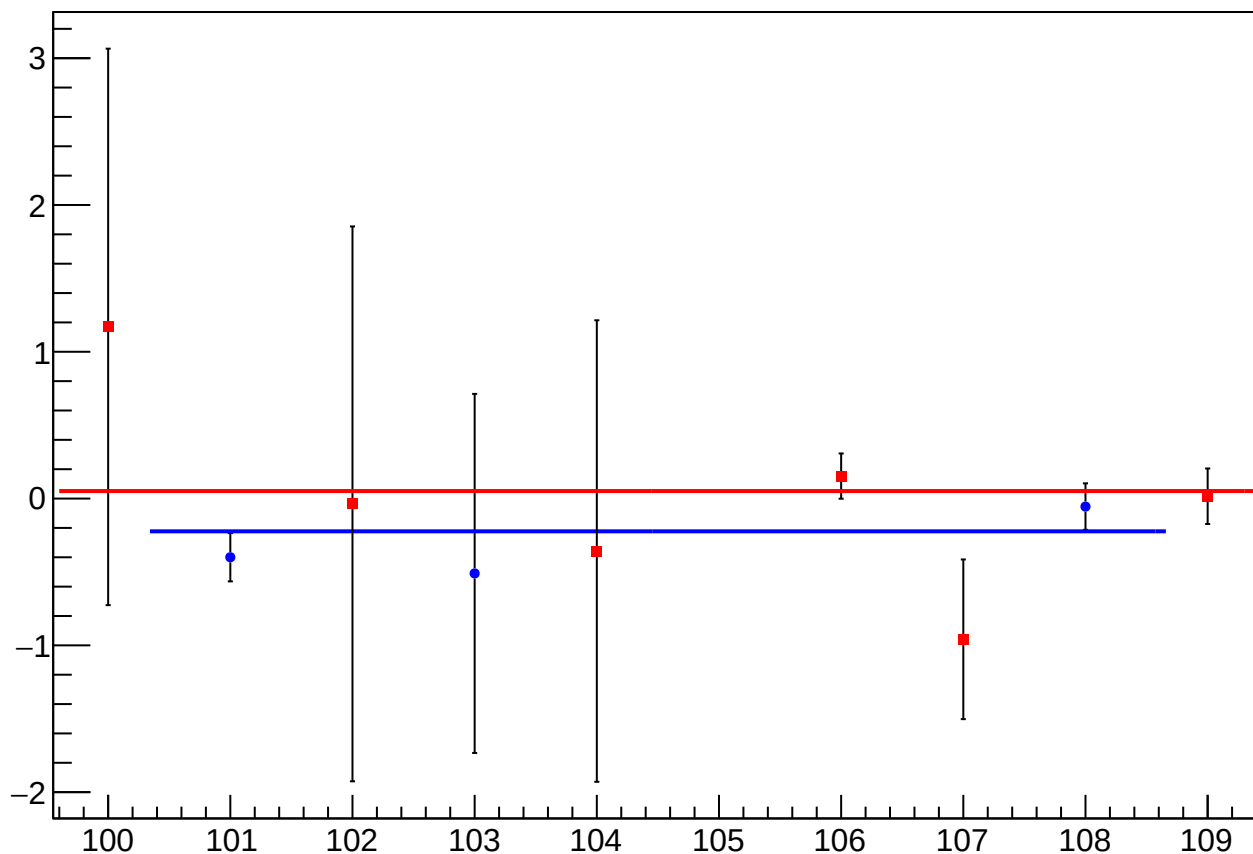
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.799 $\pm$ 0.057 χ^2 /NDF: 2790116.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.223 $\pm$ 0.114 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.051 $\pm$ 0.116 χ^2 /NDF: 4.3/5

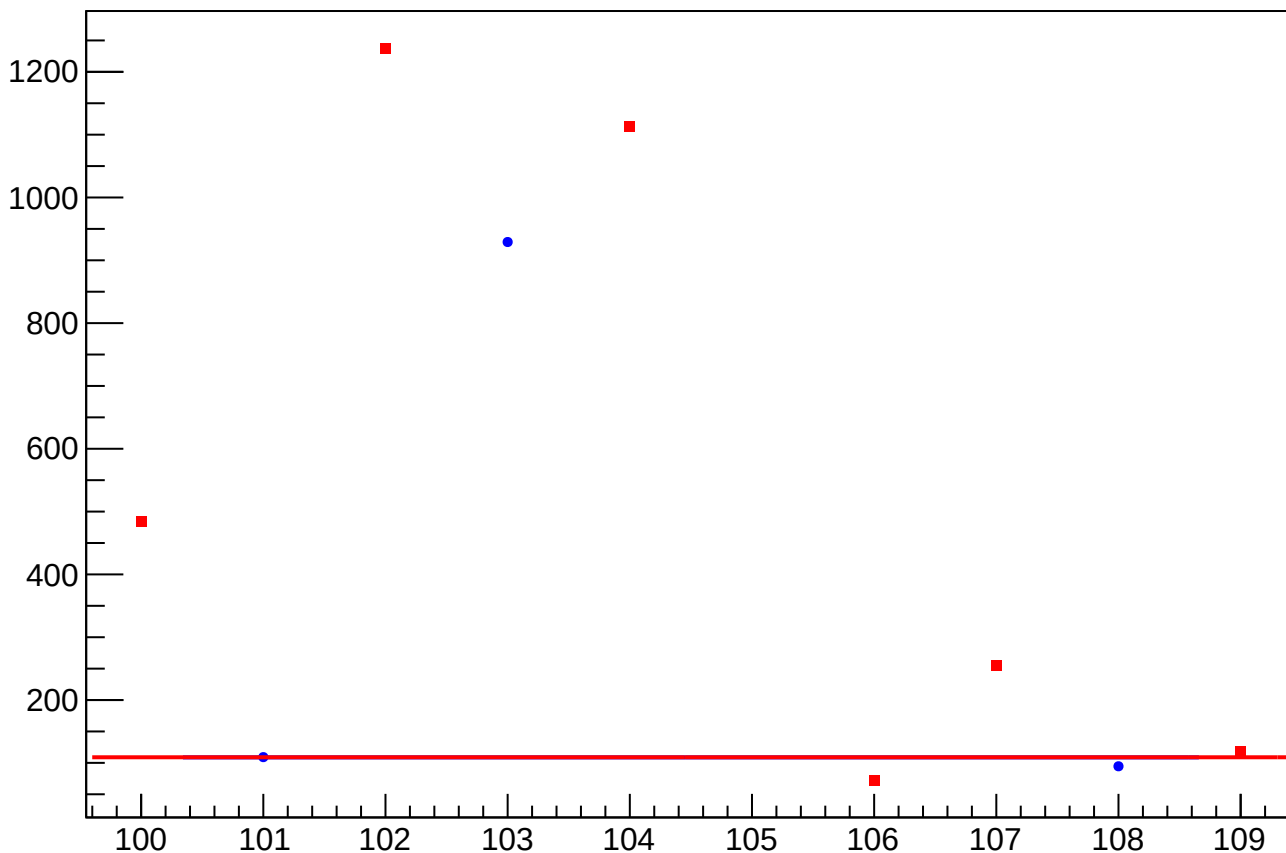
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.089 $\pm$ 0.081 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 108.708 $\pm$ 0.080 χ^2 /NDF: 915889.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.893 $\pm$ 0.082 χ^2 /NDF: 1874224.0/5

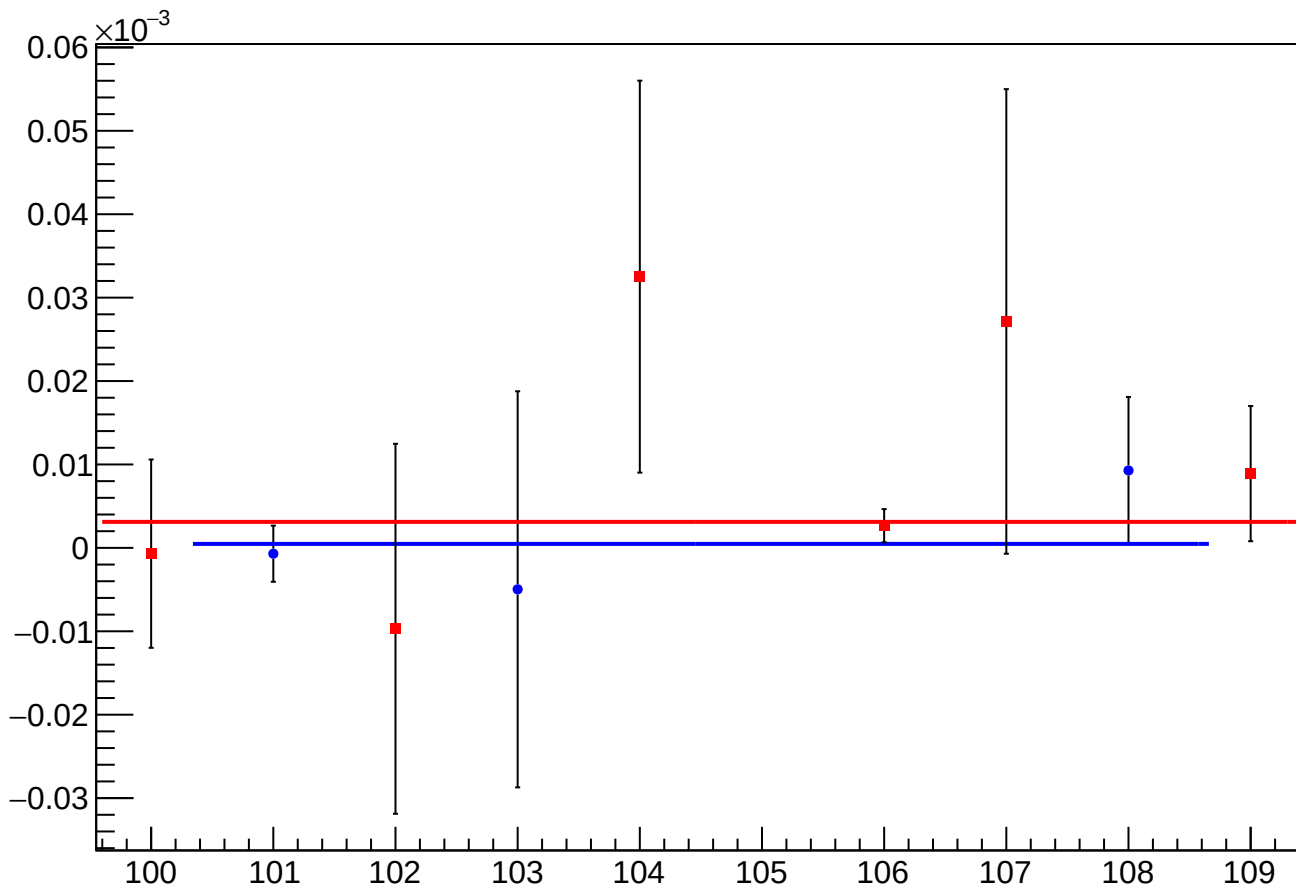
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.799 $\pm$ 0.057 χ^2 /NDF: 2790116.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

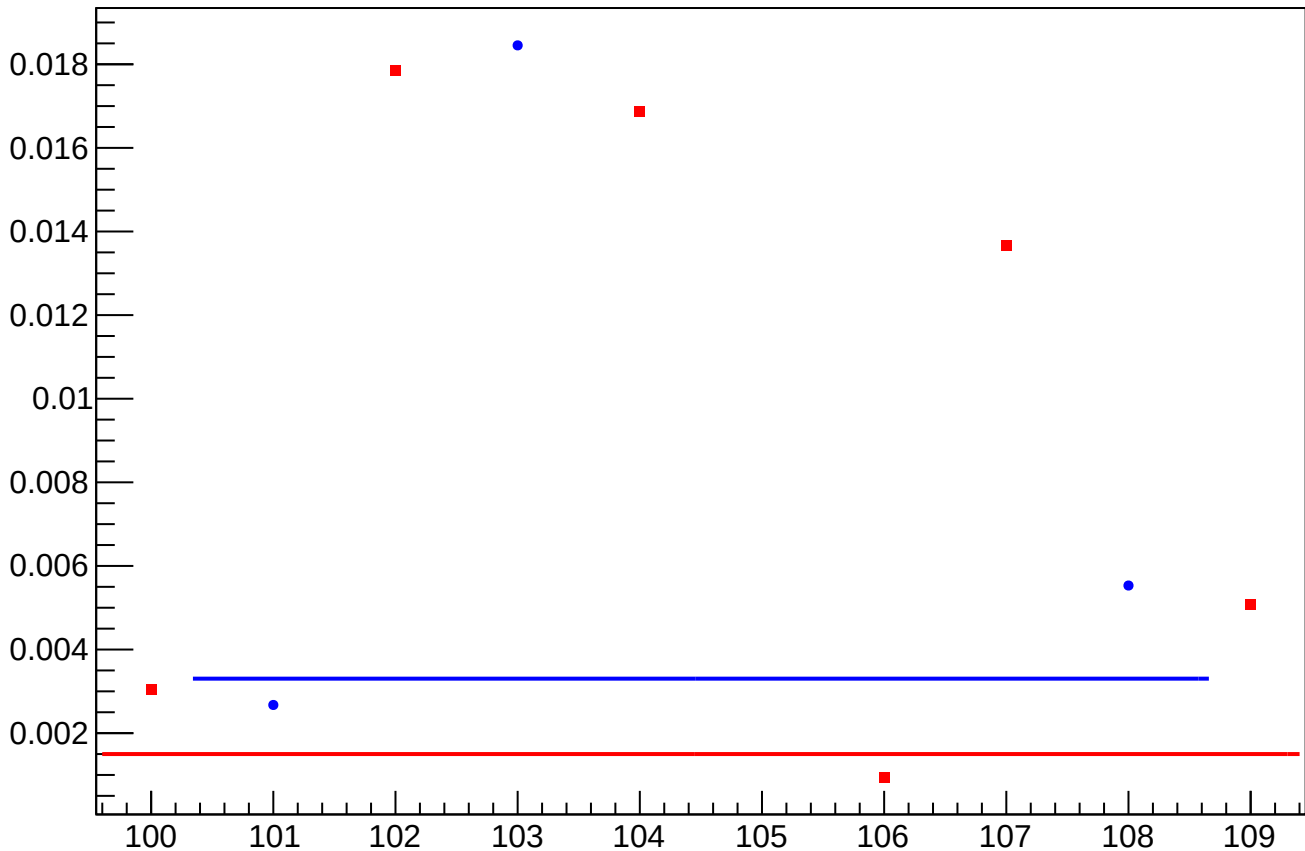
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1011832.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2916245.3/5

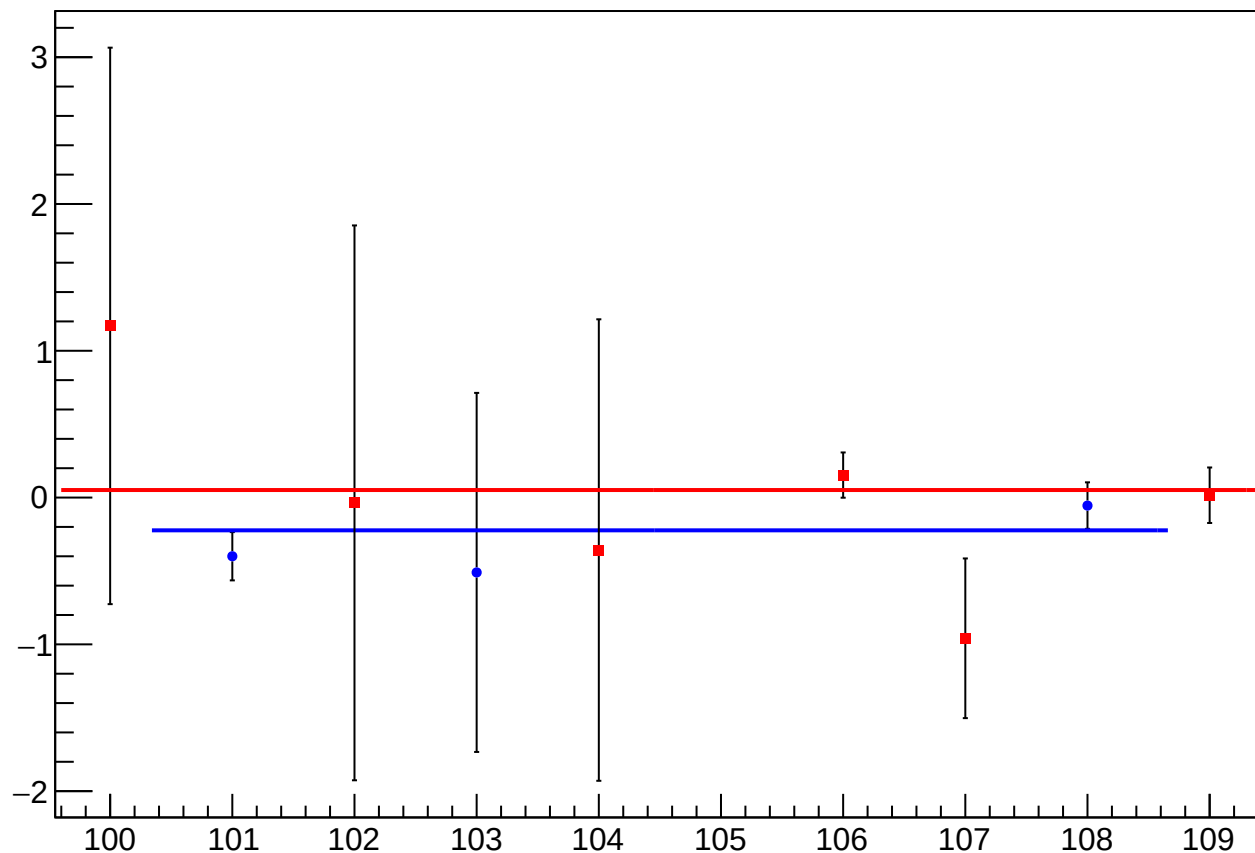
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4418314.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.223 ± 0.114 χ^2/NDF : 2.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.051 ± 0.116 χ^2/NDF : 4.3/5

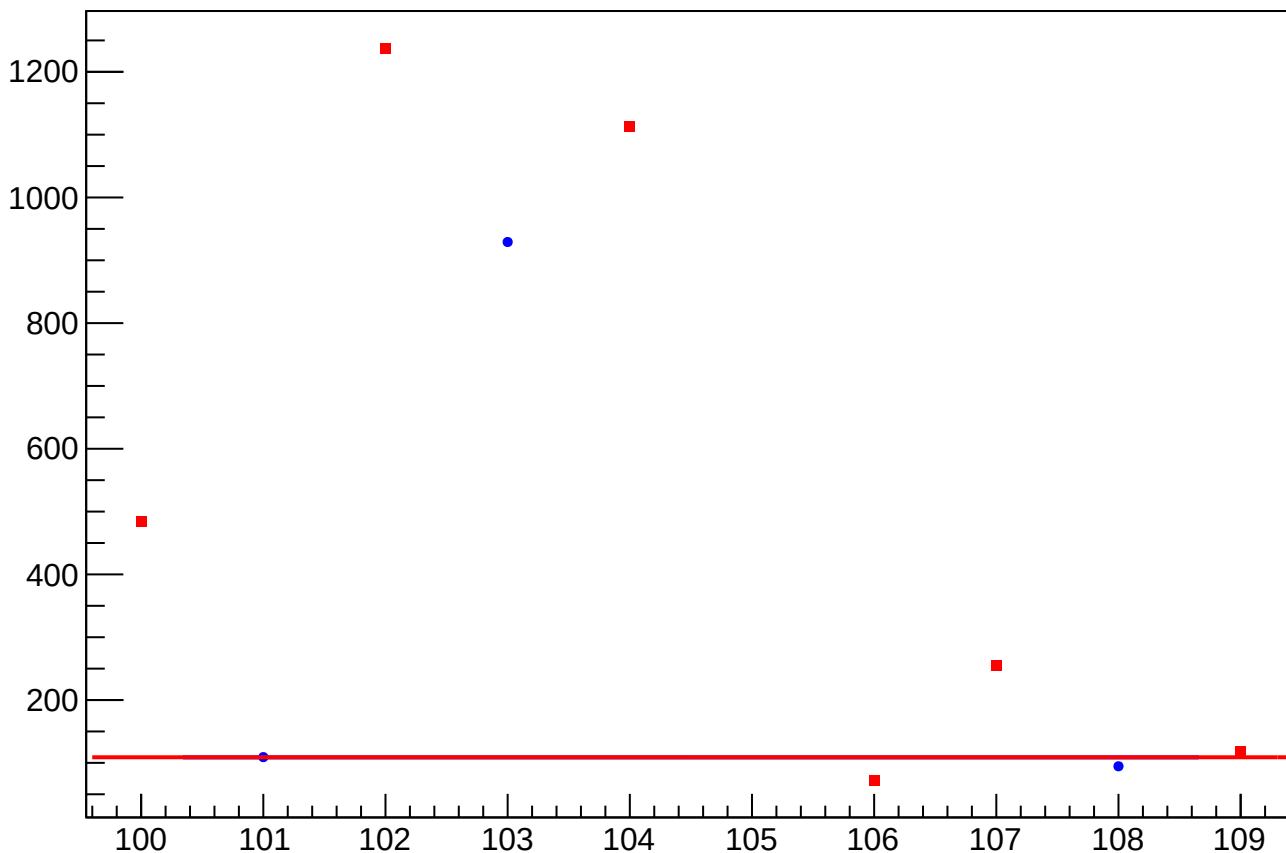
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.089 ± 0.081 χ^2/NDF : 9.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 108.709 $\pm$ 0.080 χ^2 /NDF: 915878.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.893 $\pm$ 0.082 χ^2 /NDF: 1874216.7/5

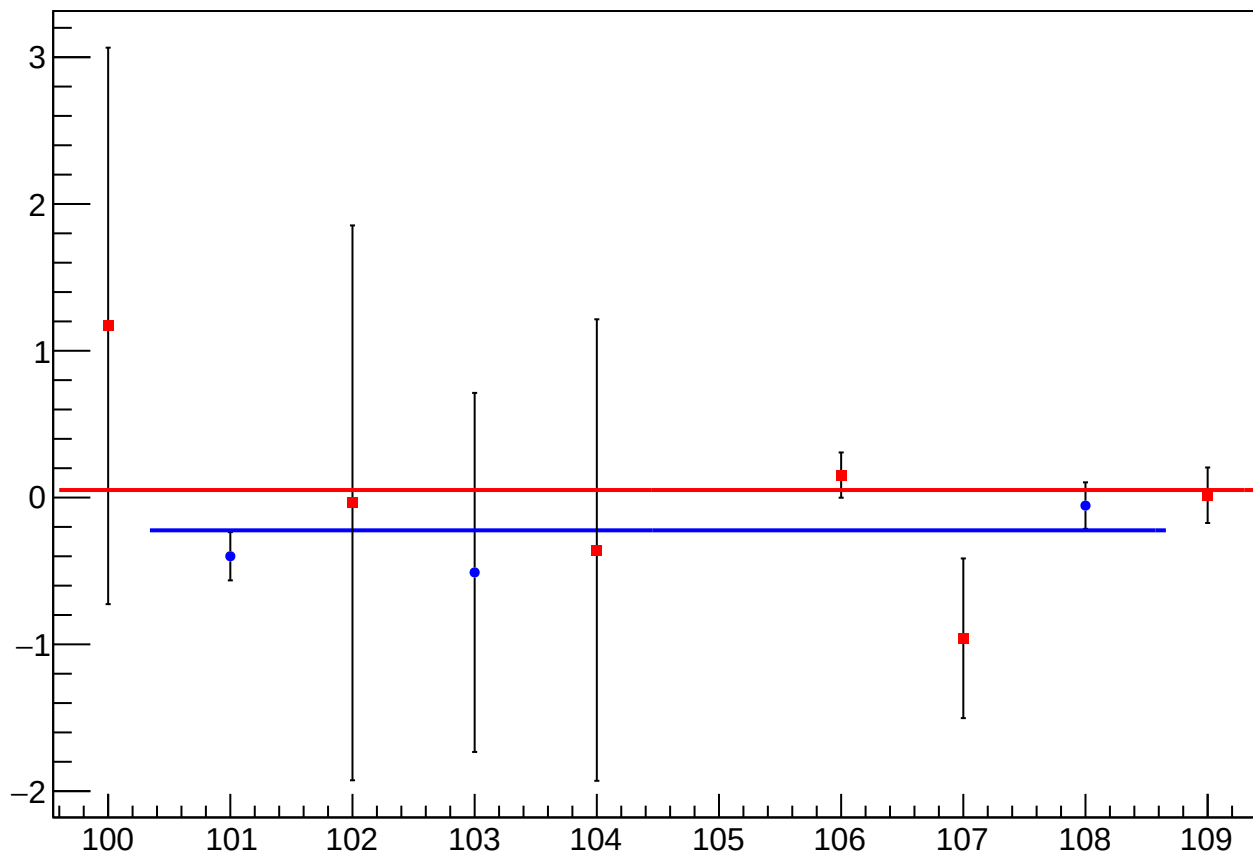
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.799 $\pm$ 0.057 χ^2 /NDF: 2790098.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.223 $\pm$ 0.114 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.051 $\pm$ 0.116 χ^2 /NDF: 4.3/5

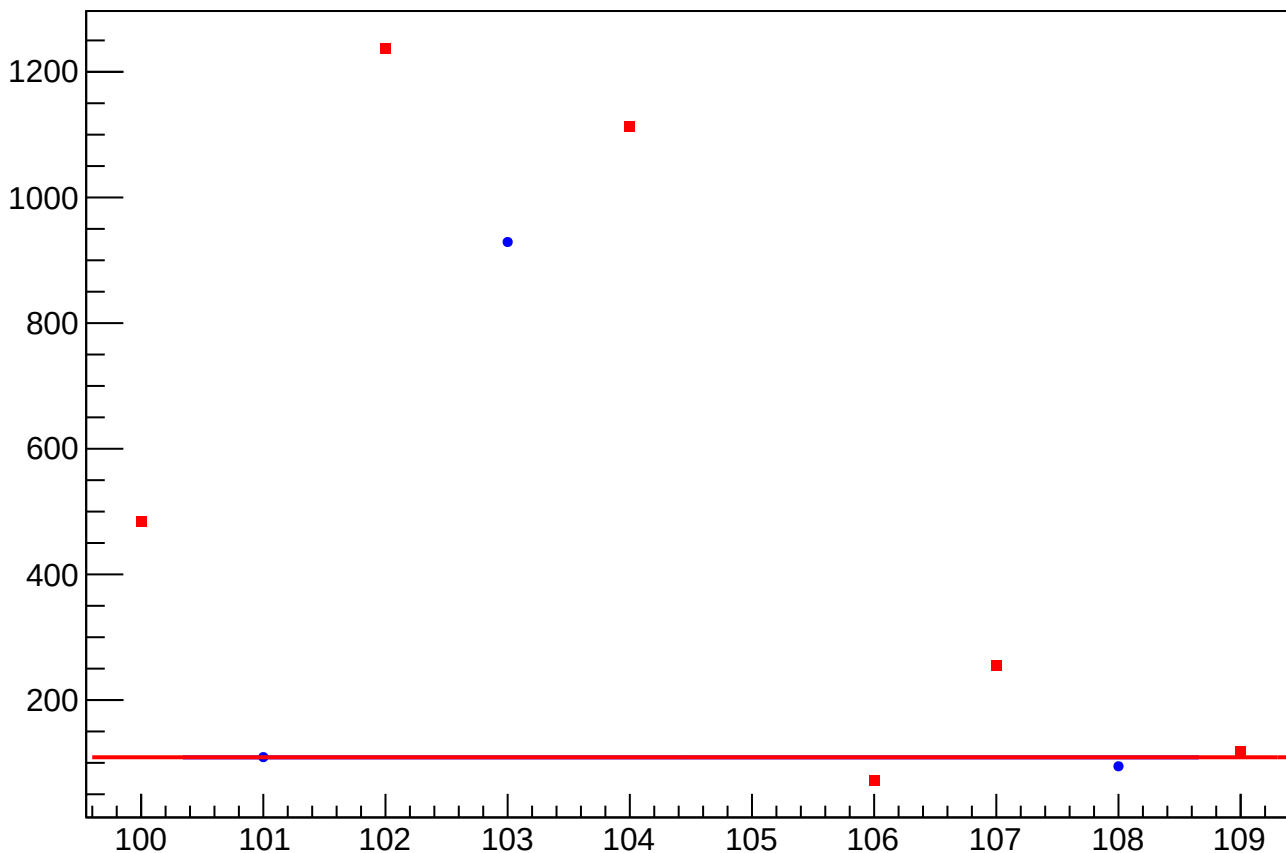
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.089 $\pm$ 0.081 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 108.709 $\pm$ 0.080 χ^2 /NDF: 915878.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 108.893 $\pm$ 0.082 χ^2 /NDF: 1874216.7/5

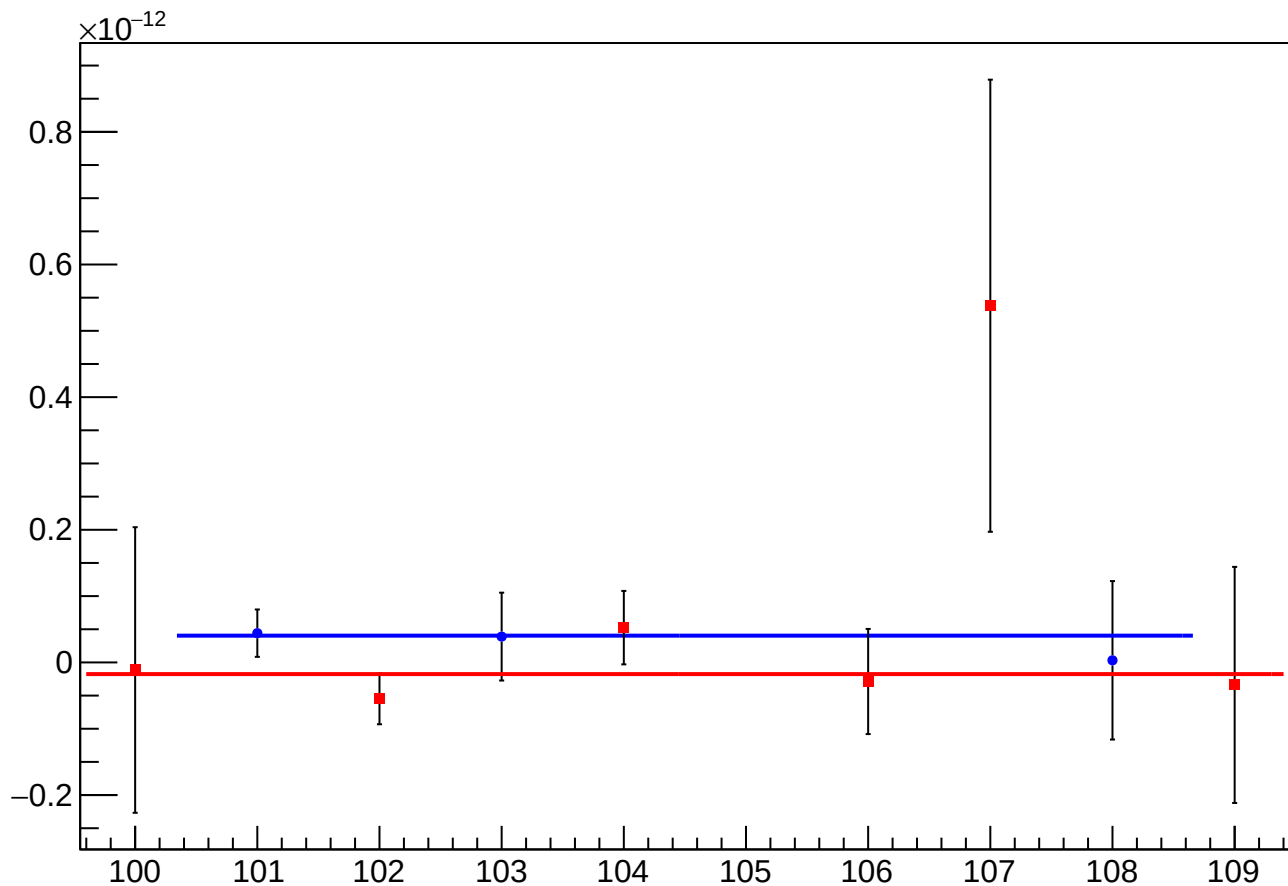
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.799 $\pm$ 0.057 χ^2 /NDF: 2790098.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.2/5

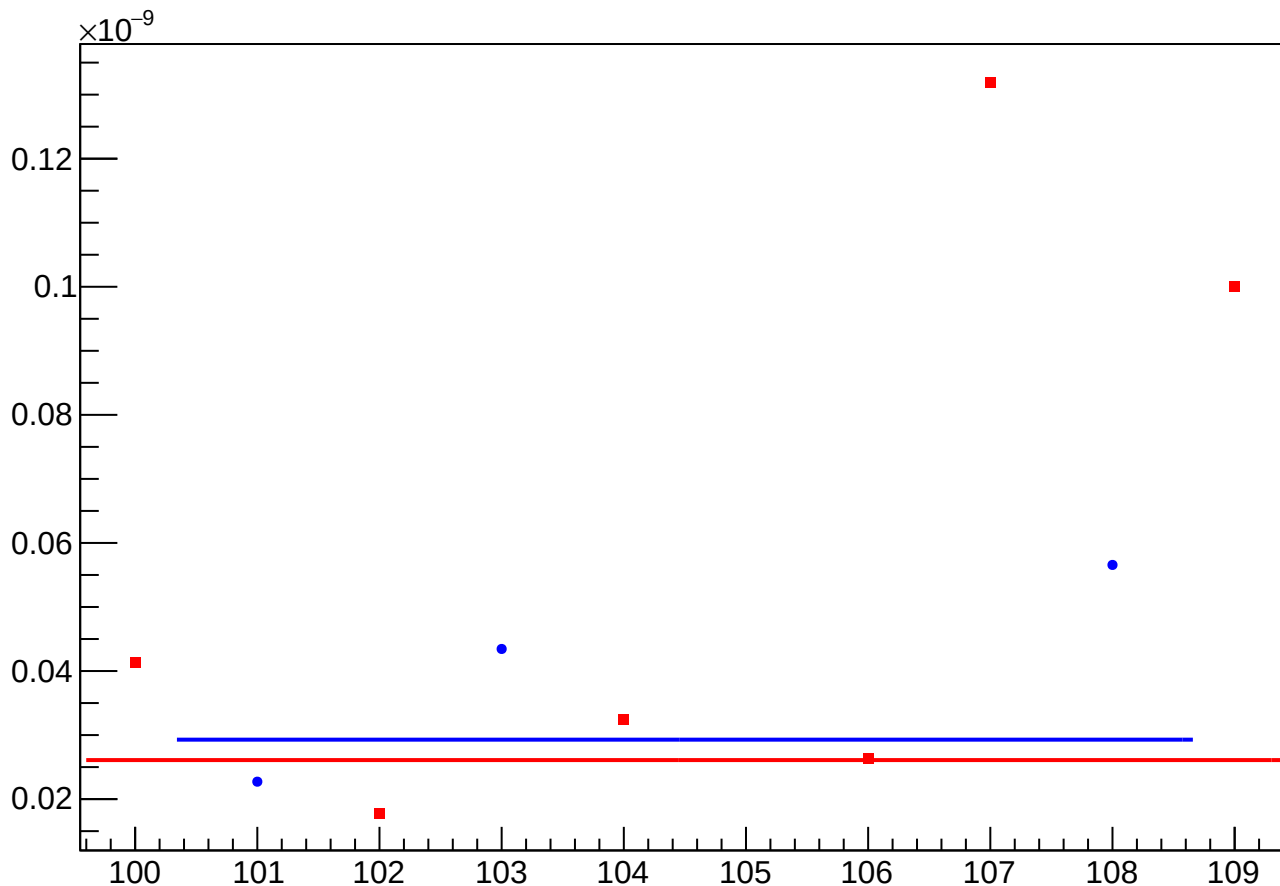
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 263247.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 669861.3/5

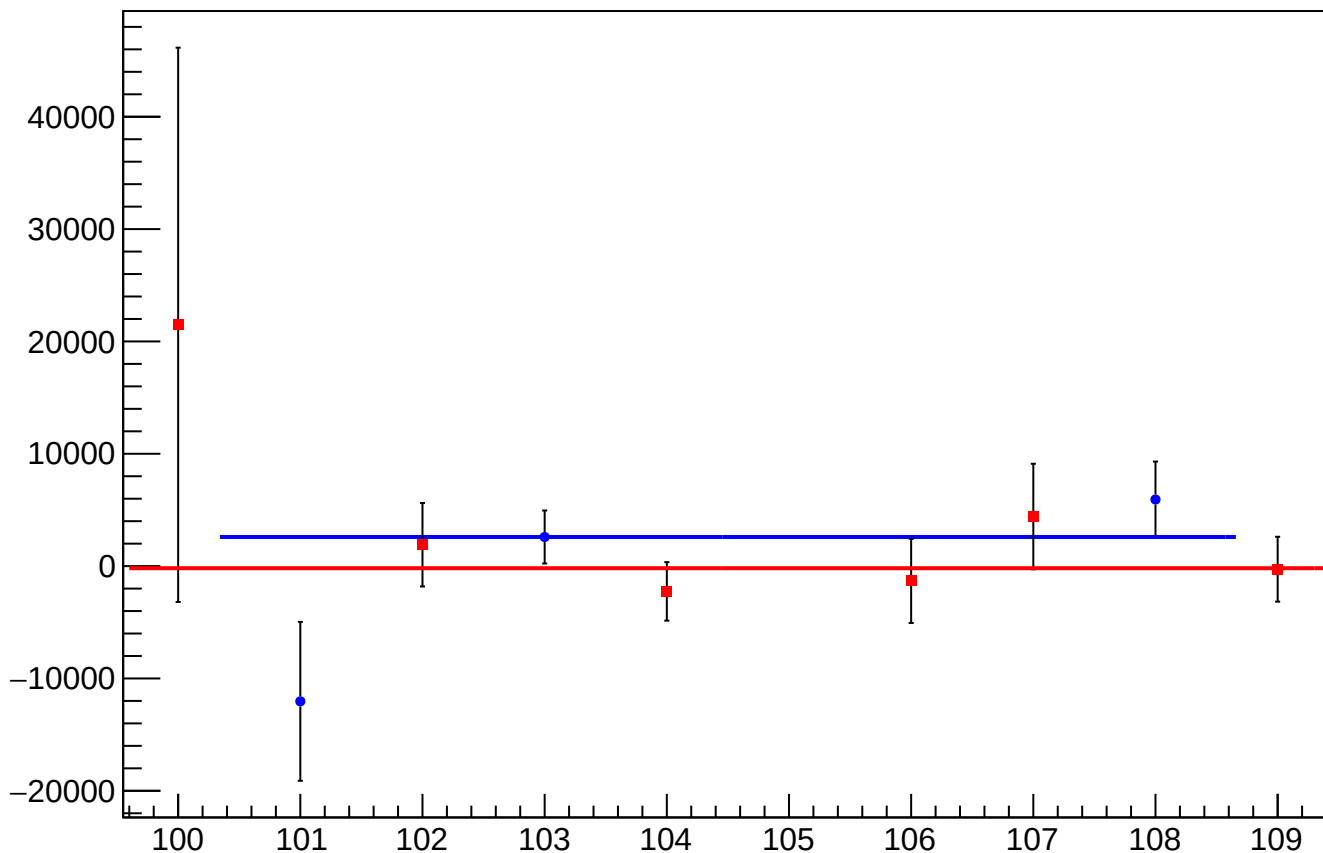
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 944808.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 2593.276+/-1865.777 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -186.394+/-1477.307 χ^2/NDF : 2.8/5

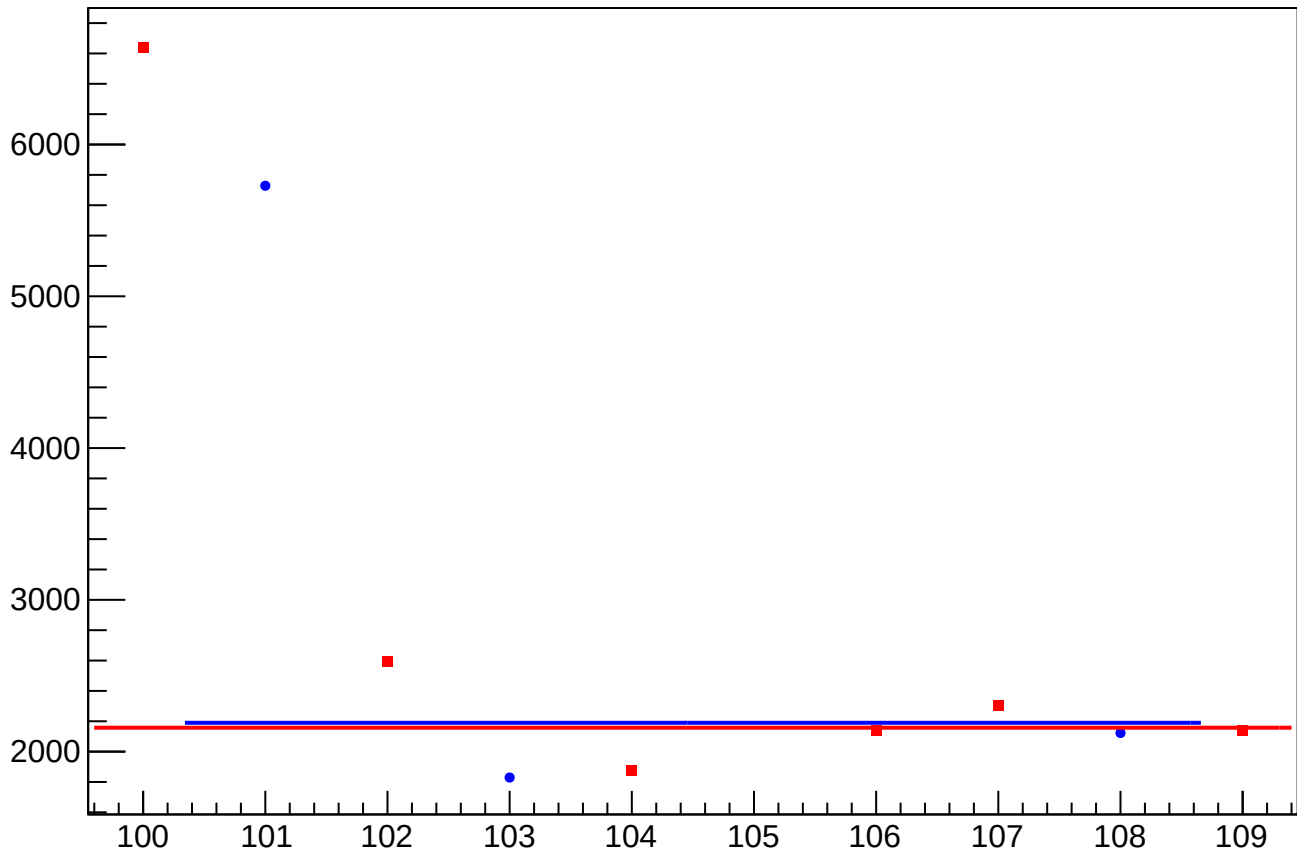
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 884.743+/-1158.206 χ^2/NDF : 9.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2190.024+/-1.319 χ^2/NDF : 547928.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2157.603+/-1.045 χ^2/NDF : 119862.2/5

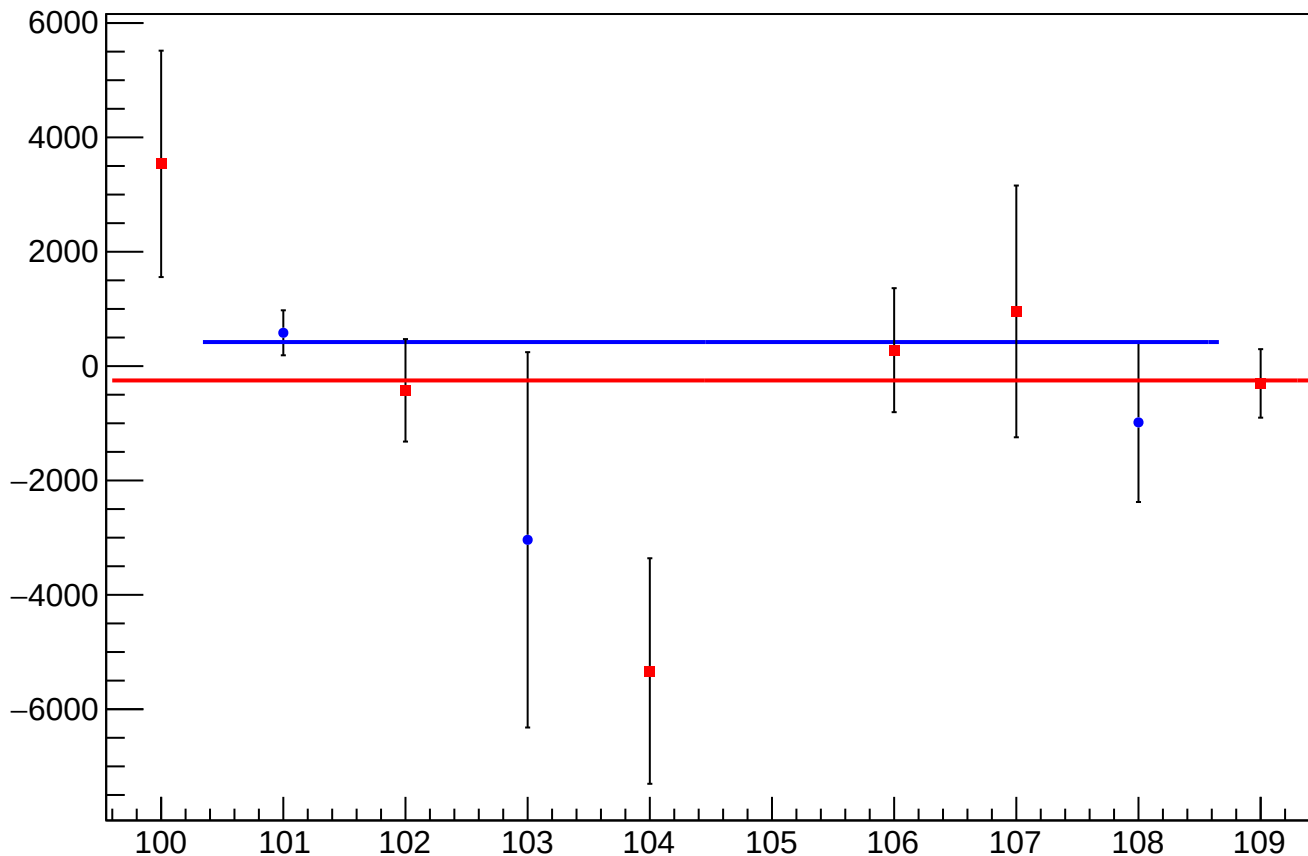
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2170.096+/-0.819 χ^2/NDF : 668161.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug



Right In: 420.852+/-376.155 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -250.627+/-422.601 χ^2/NDF : 10.9/5

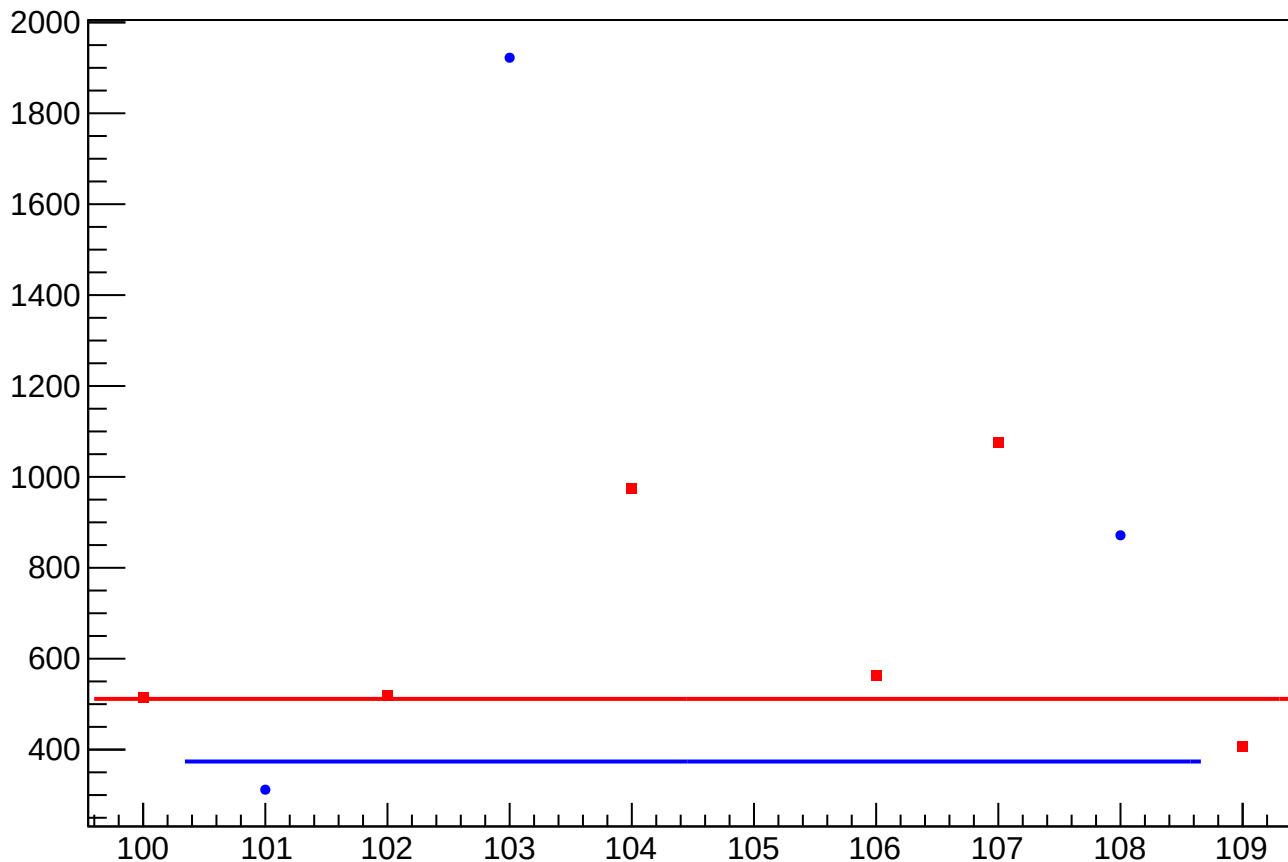
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.026+/-280.973 χ^2/NDF : 14.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



Right In: 373.830+/-0.266 χ^2/NDF : 750162.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.554+/-0.299 χ^2/NDF : 307197.6/5

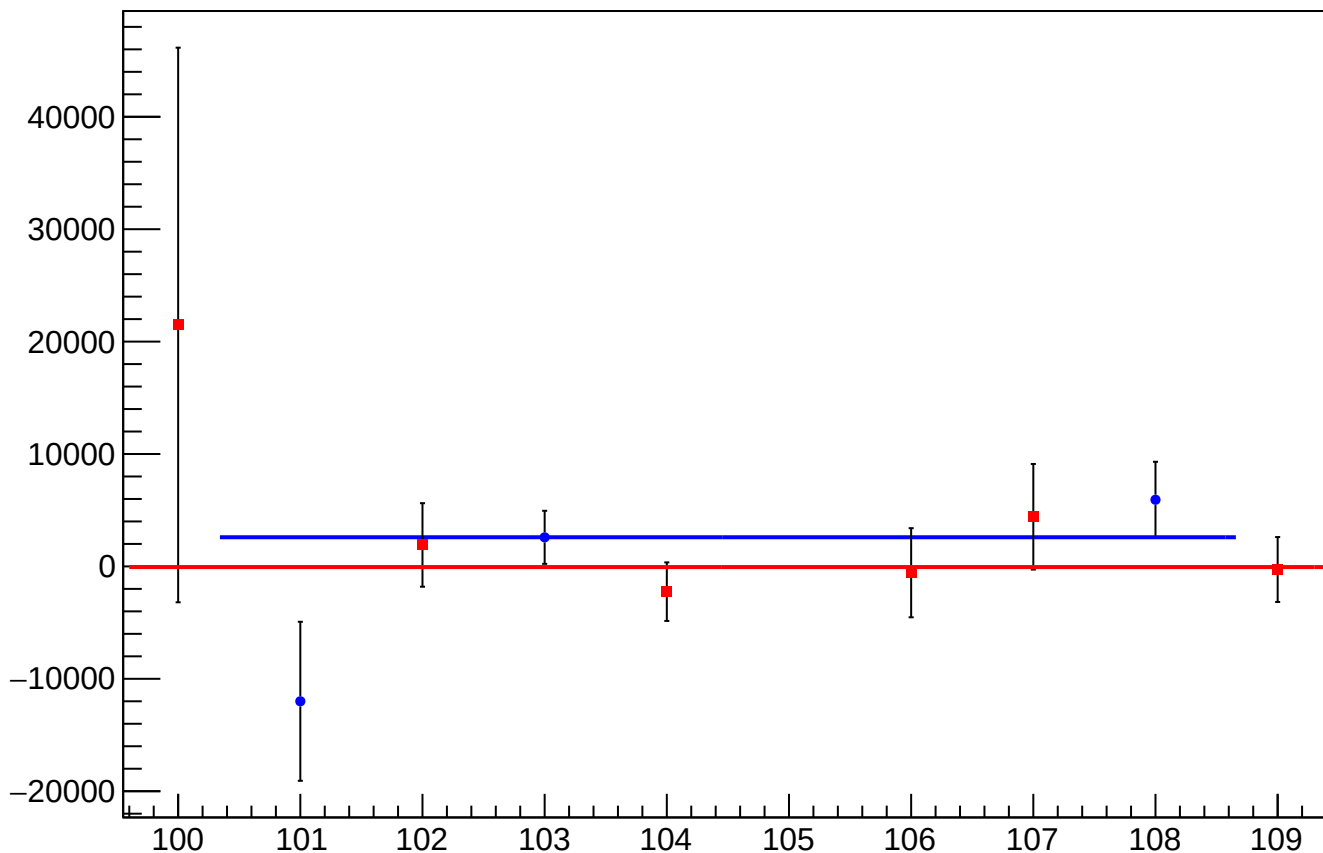
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.710+/-0.199 χ^2/NDF : 1175878.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 2593.894 $\pm$ 1865.779 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.074 $\pm$ 1490.006 χ^2 /NDF: 2.7/5

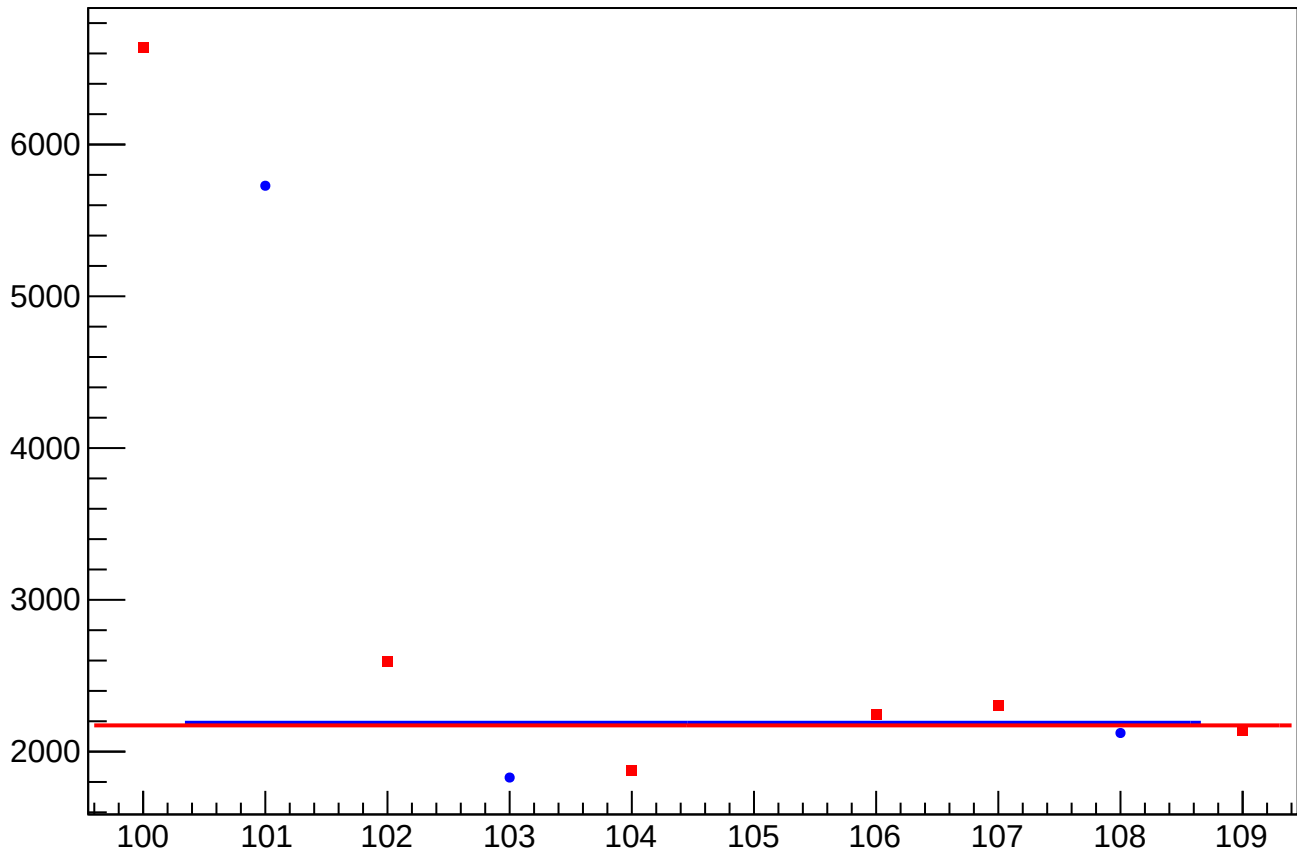
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 974.016 $\pm$ 1164.295 χ^2 /NDF: 9.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2190.023+/-1.319 χ^2/NDF : 547928.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.812+/-1.054 χ^2/NDF : 120487.0/5

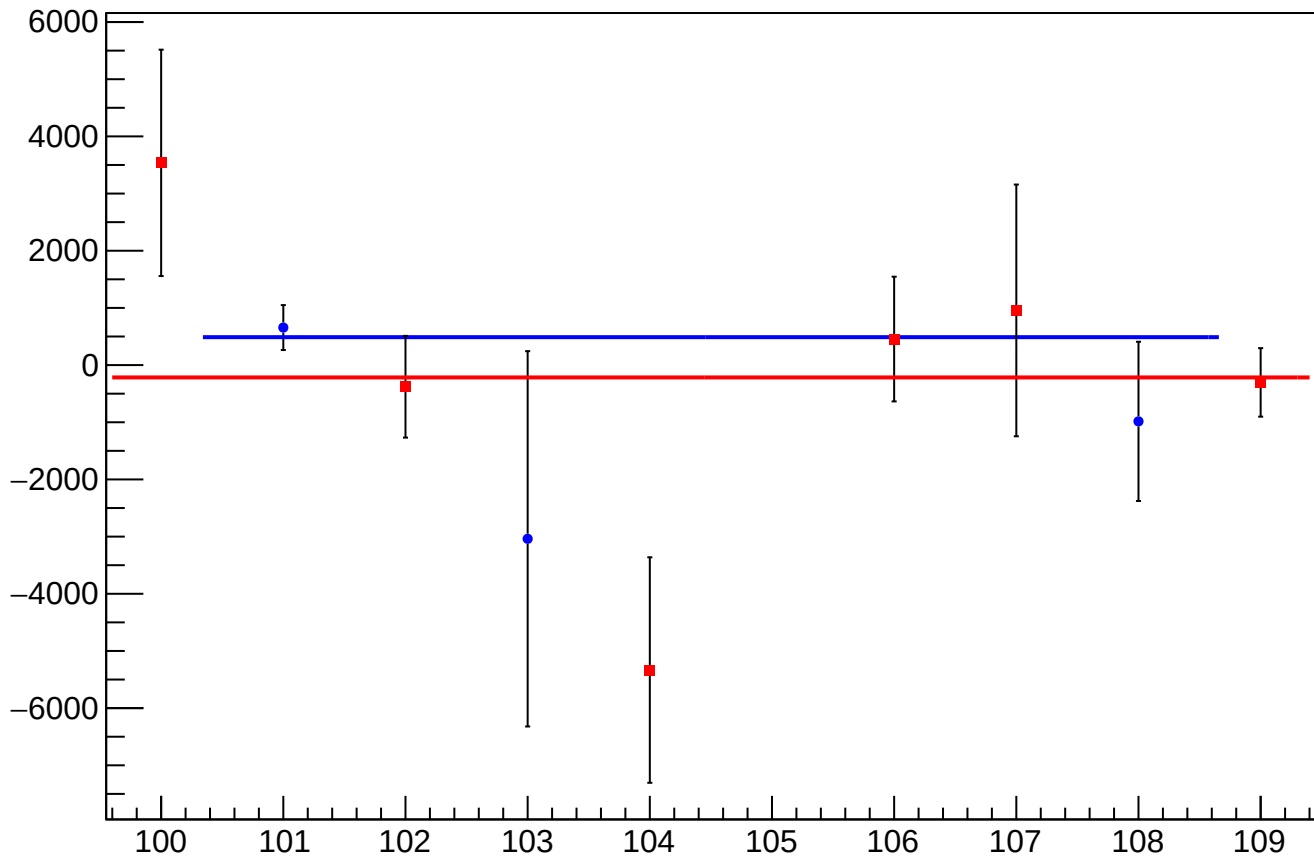
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.514+/-0.823 χ^2/NDF : 668519.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug



Right In: 488.381+/-375.775 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.957+/-422.288 χ^2/NDF : 11.0/5

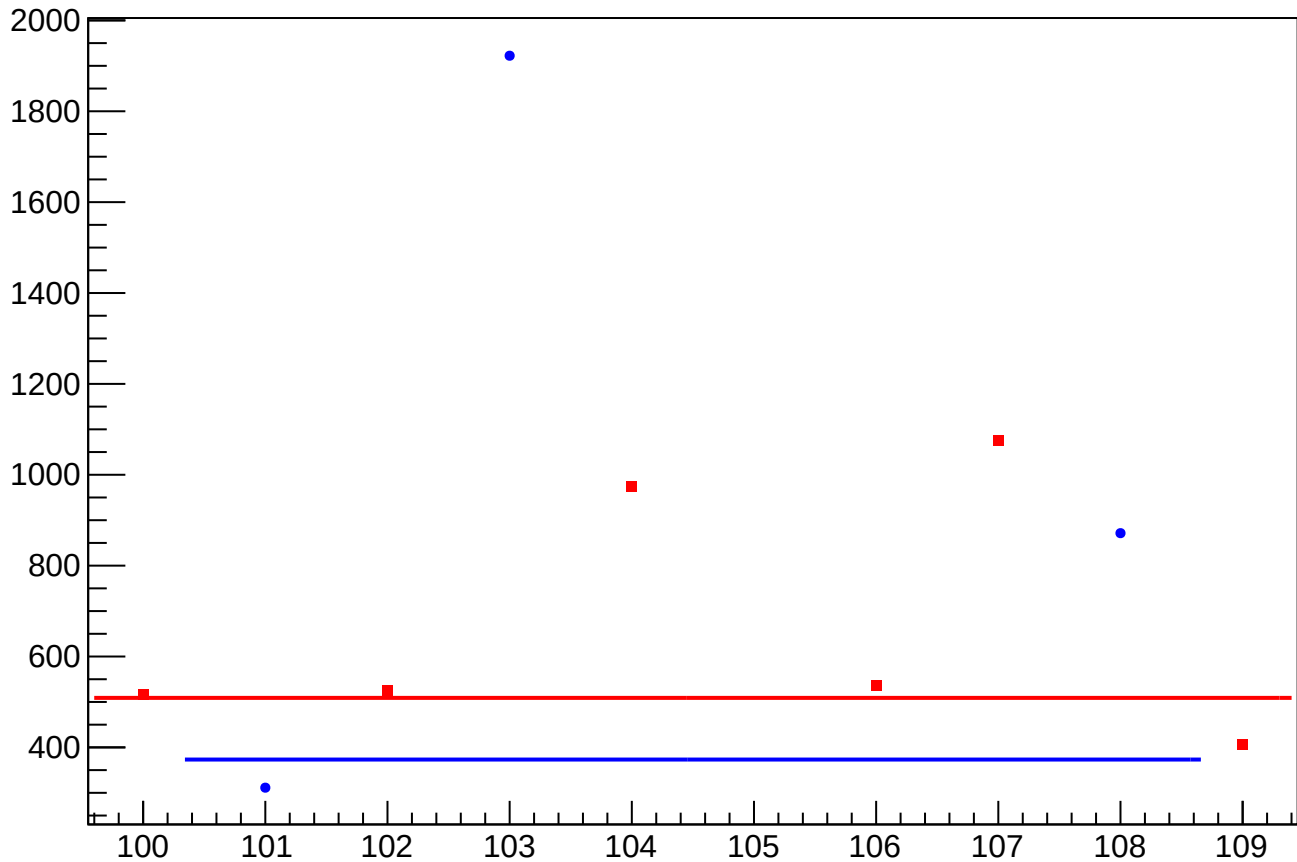
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.123+/-280.723 χ^2/NDF : 15.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug



Right In: 373.247+/-0.266 χ^2/NDF : 751029.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.967+/-0.299 χ^2/NDF : 303865.6/5

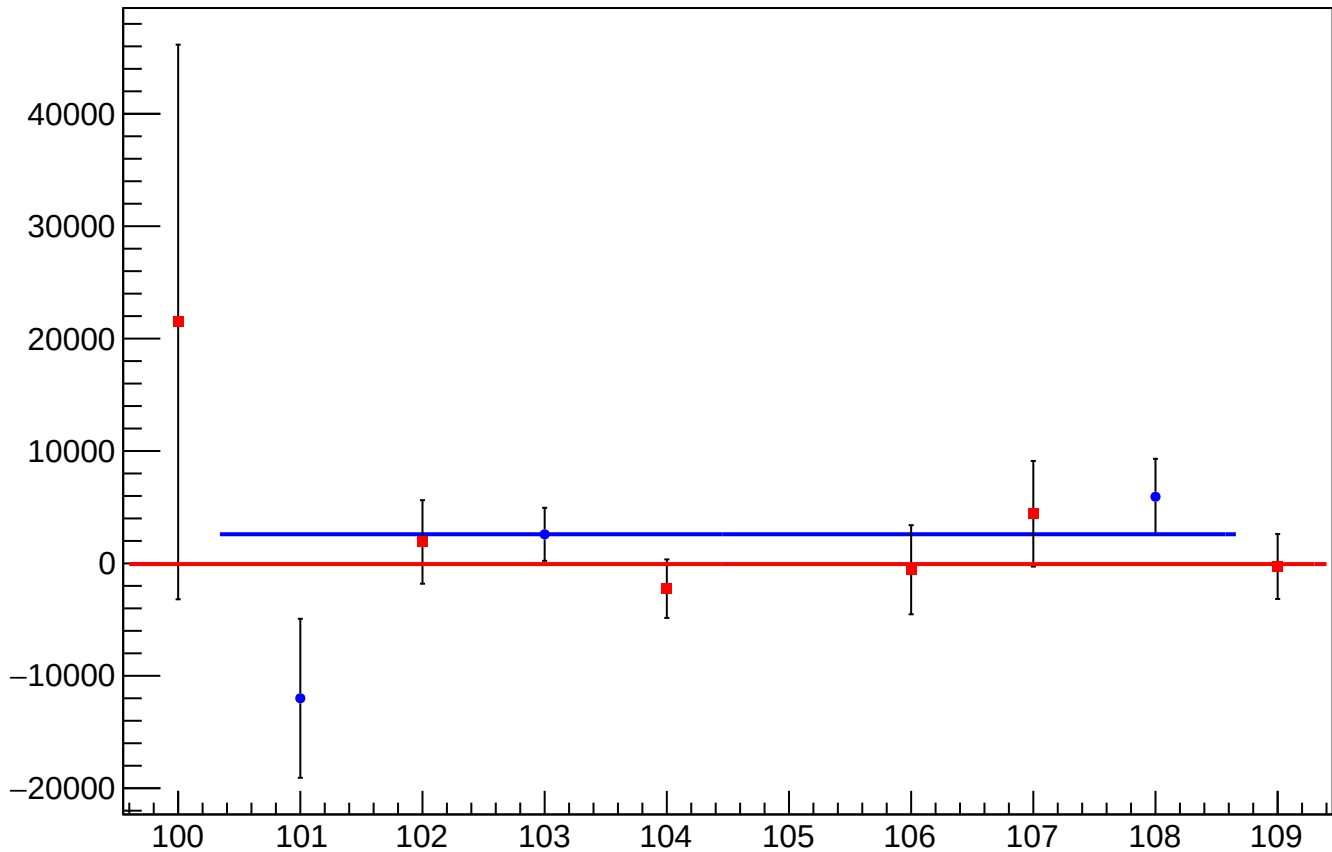
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.224+/-0.199 χ^2/NDF : 1170187.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 2593.894 $\pm$ 1865.779 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.074 $\pm$ 1490.006 χ^2 /NDF: 2.7/5

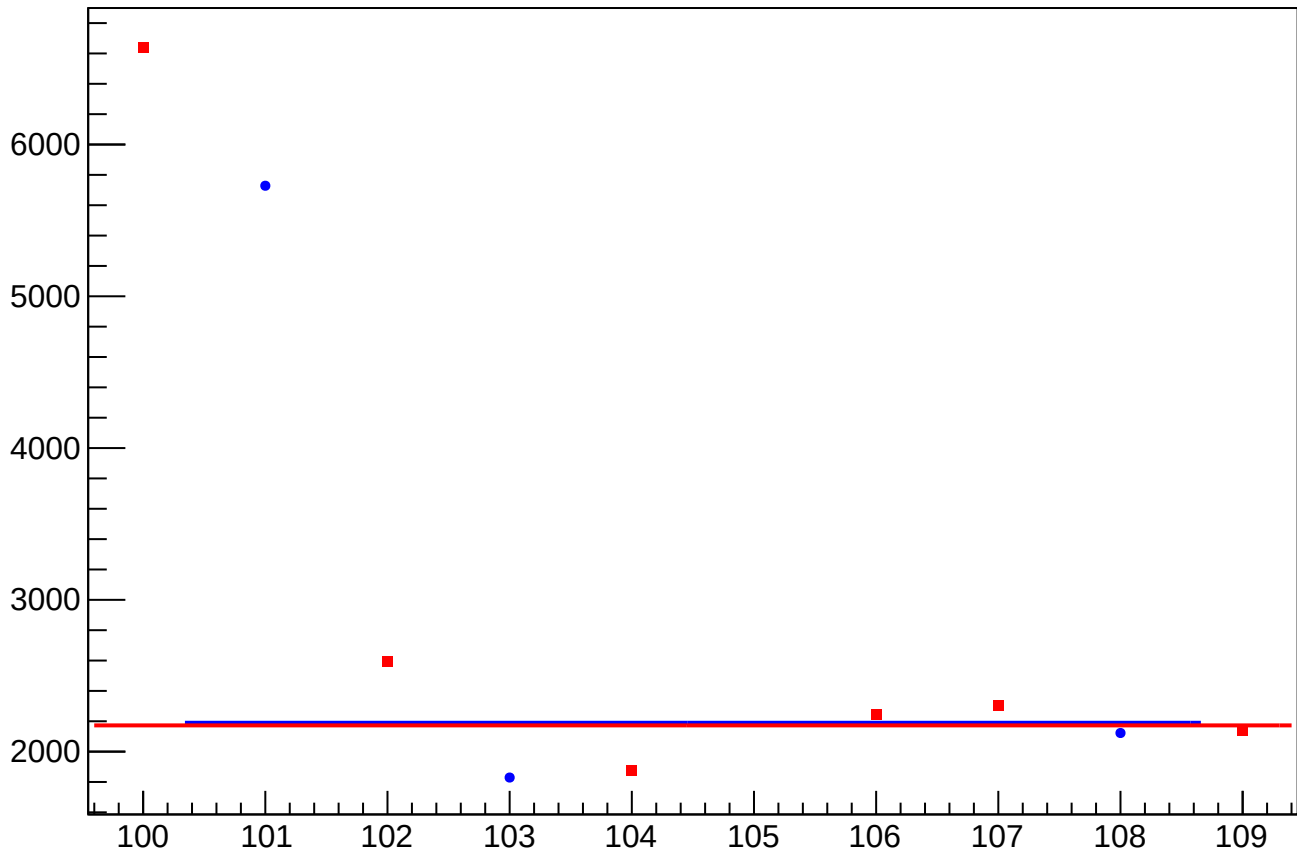
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 974.016 $\pm$ 1164.295 χ^2 /NDF: 9.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2190.023+/-1.319 χ^2/NDF : 547928.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.812+/-1.054 χ^2/NDF : 120487.0/5

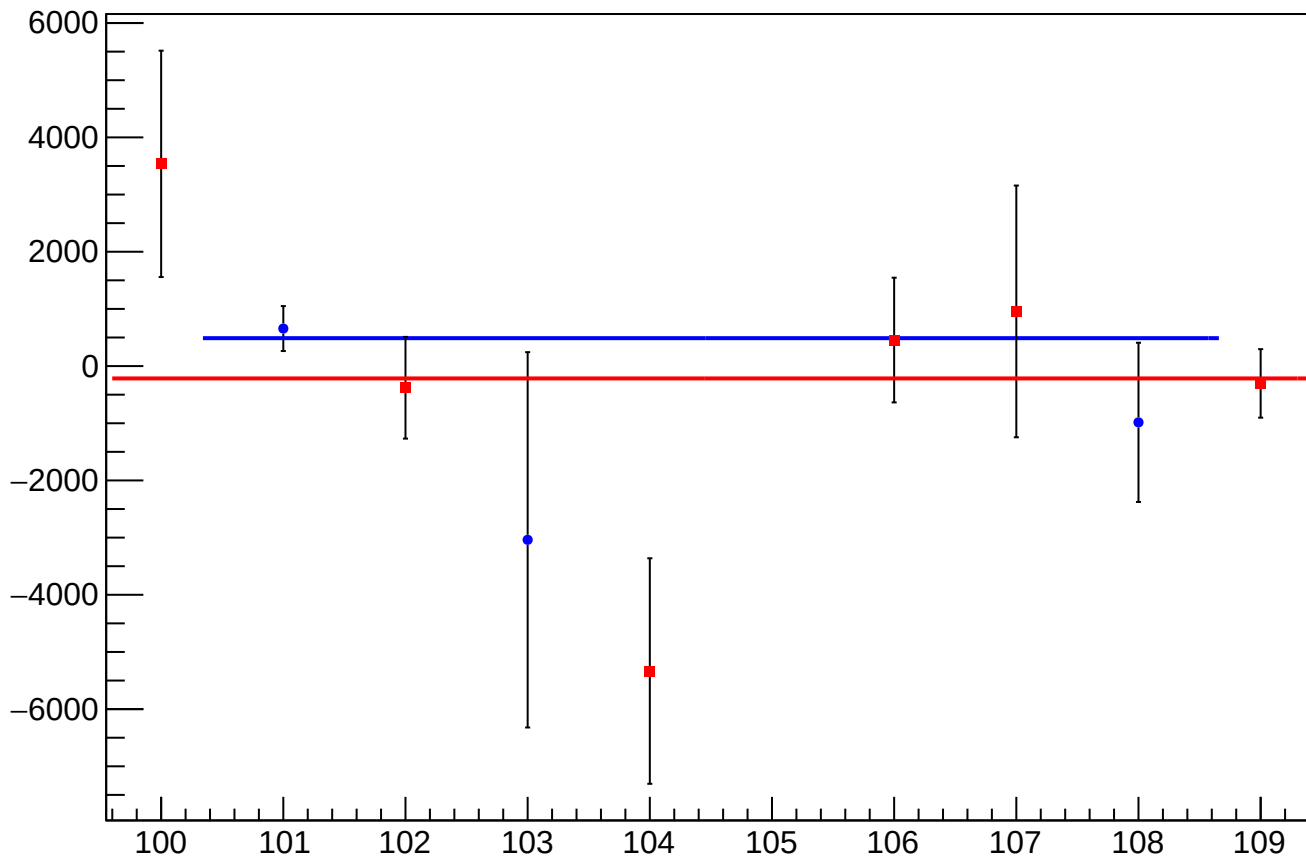
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.514+/-0.823 χ^2/NDF : 668519.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 488.381+/-375.775 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.957+/-422.288 χ^2/NDF : 11.0/5

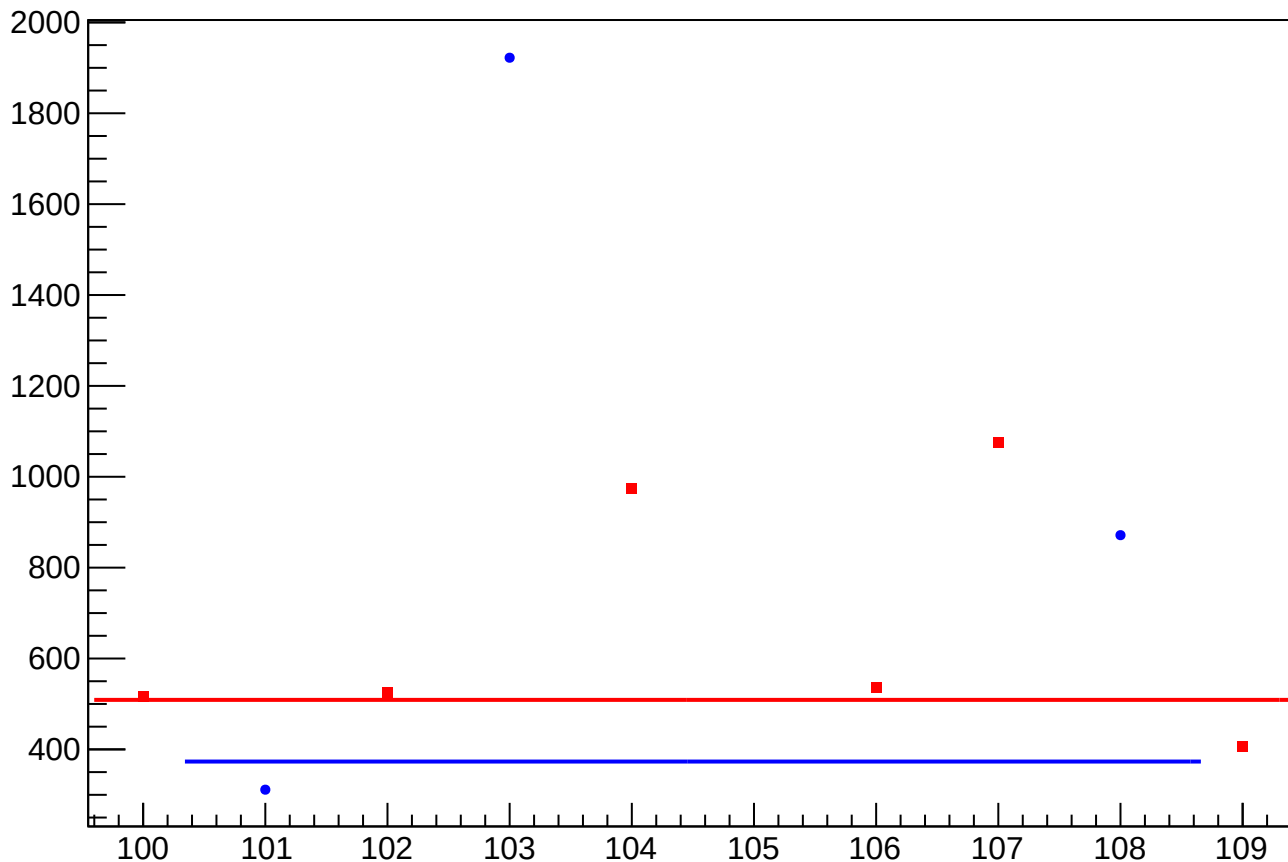
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.123+/-280.723 χ^2/NDF : 15.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 373.247+/-0.266 χ^2/NDF : 751029.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 508.967+/-0.299 χ^2/NDF : 303865.6/5

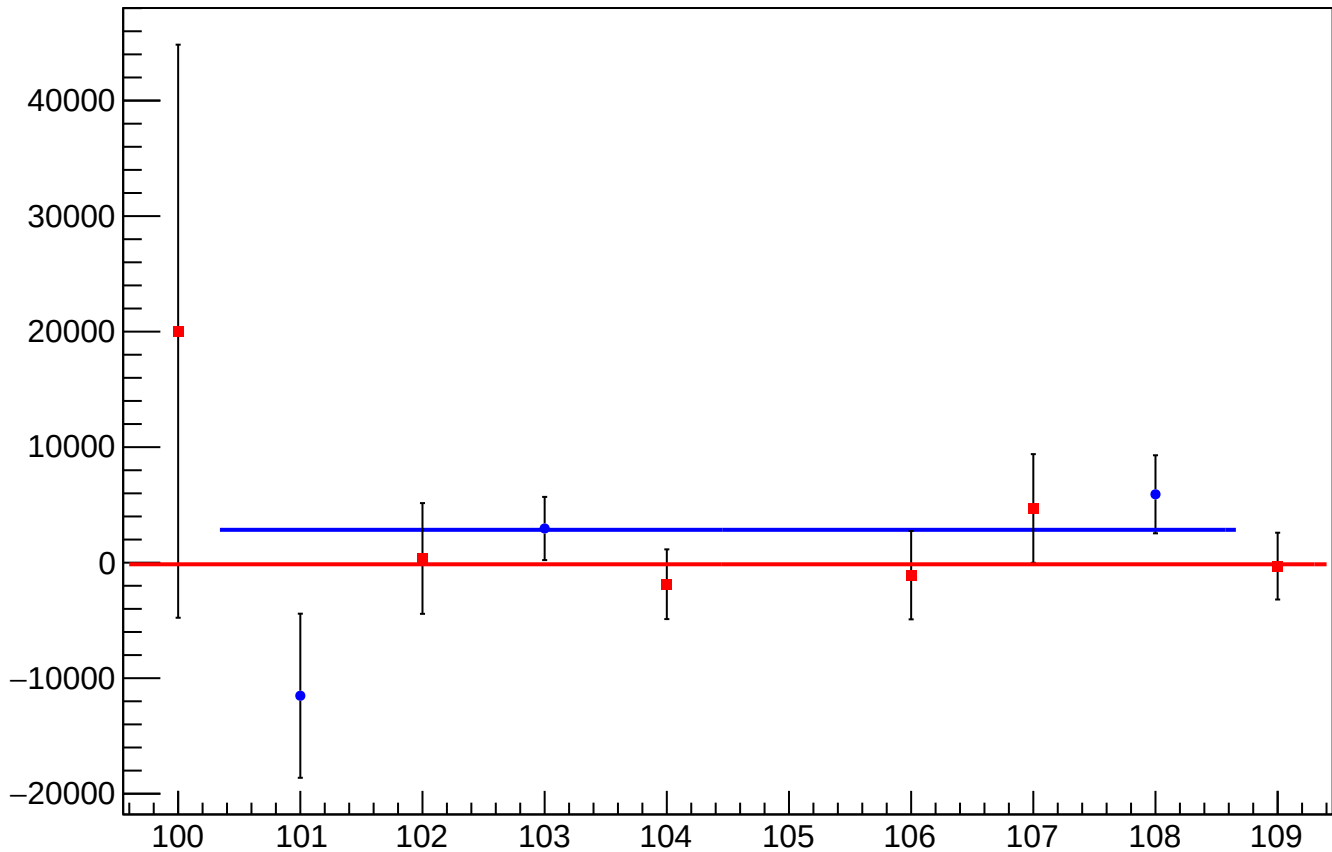
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 433.224+/-0.199 χ^2/NDF : 1170187.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 2843.400 $\pm$ 2036.849 χ^2 /NDF: 4.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -139.983 $\pm$ 1605.084 χ^2 /NDF: 2.1/5

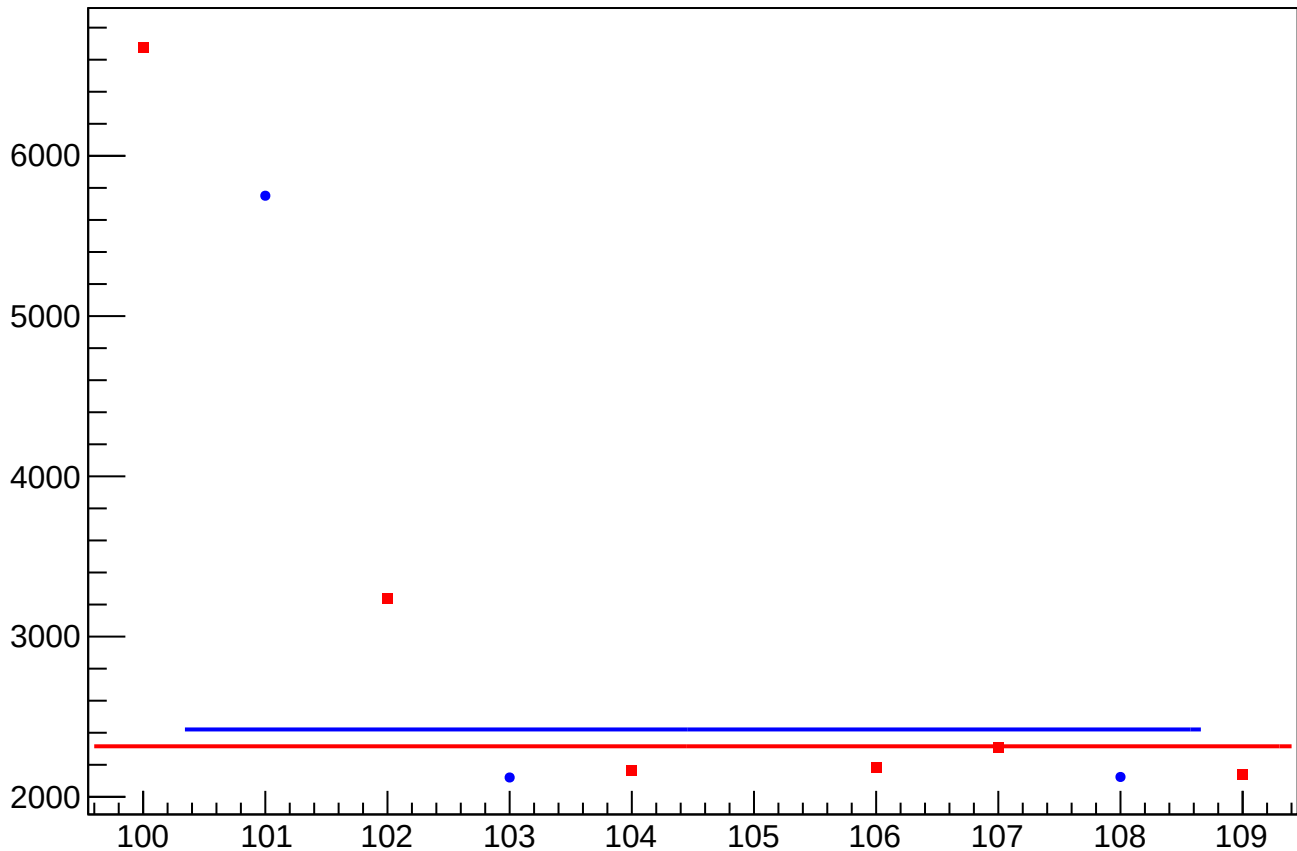
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1002.919 $\pm$ 1260.692 χ^2 /NDF: 8.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2420.521+/-1.440 χ^2/NDF : 479139.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.453+/-1.135 χ^2/NDF : 150826.0/5

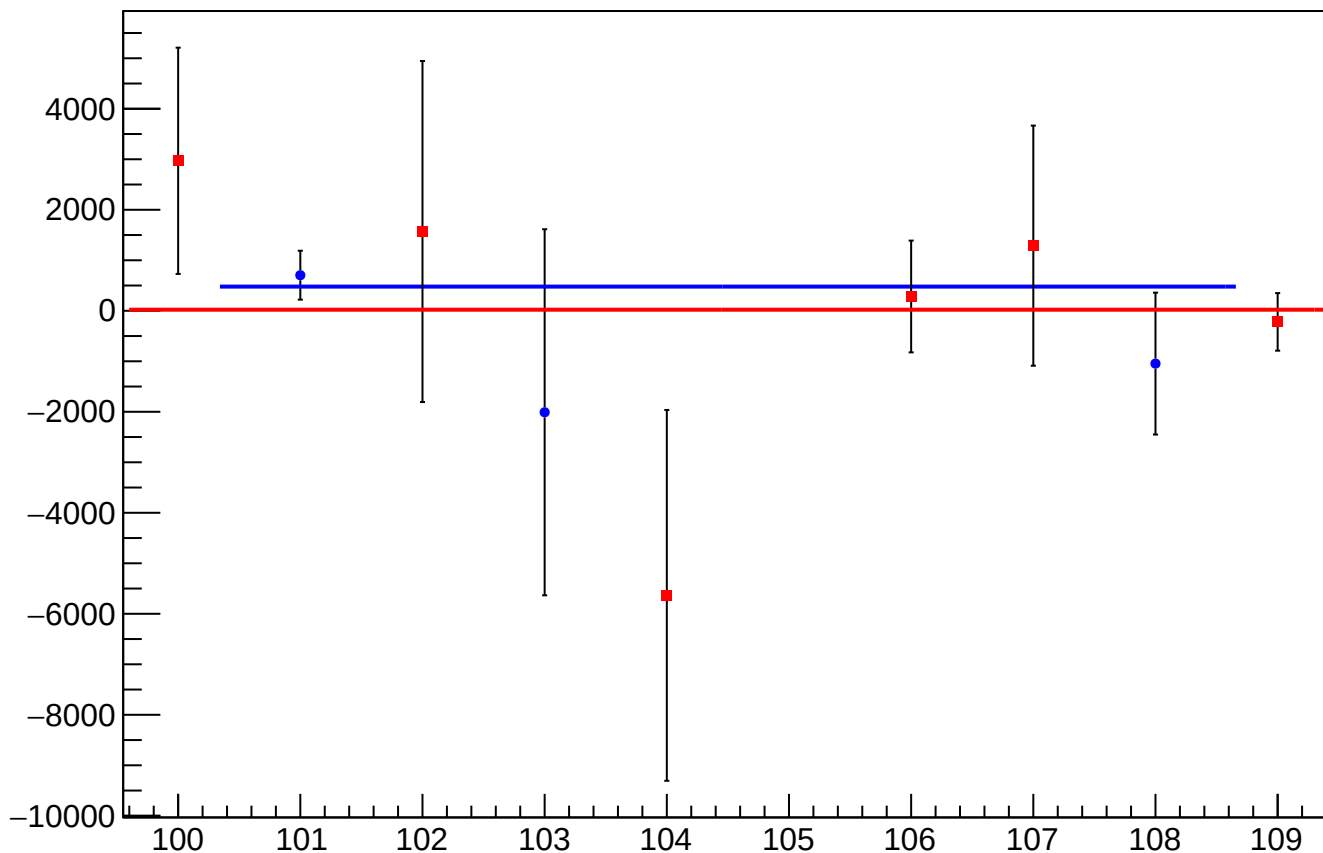
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2355.703+/-0.891 χ^2/NDF : 633248.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug



Right In: 478.851 $\pm$ 454.200 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.111 $\pm$ 474.997 χ^2 /NDF: 4.8/5

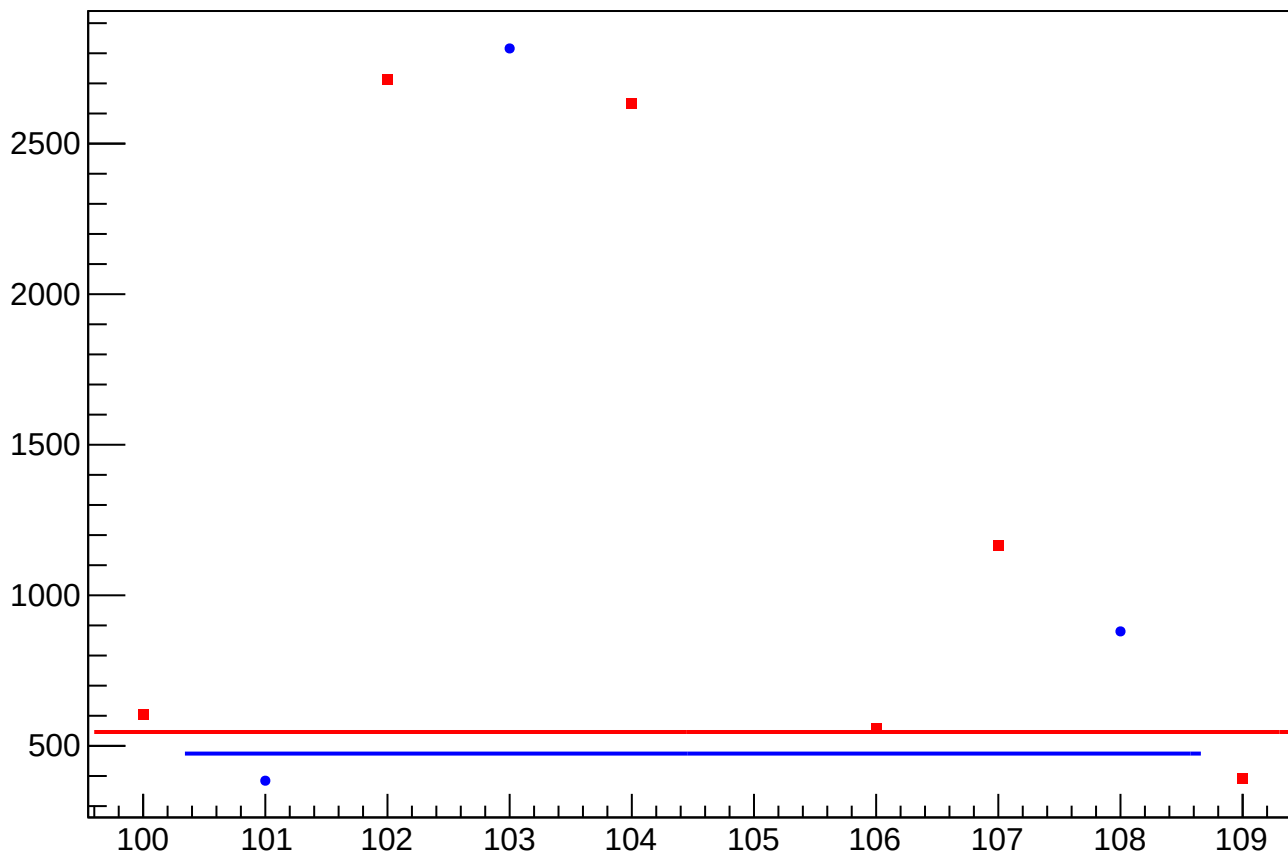
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 260.221 $\pm$ 328.274 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug



Right In: 474.420+/-0.321 χ^2/NDF : 1070949.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 546.105+/-0.336 χ^2/NDF : 1755070.3/5

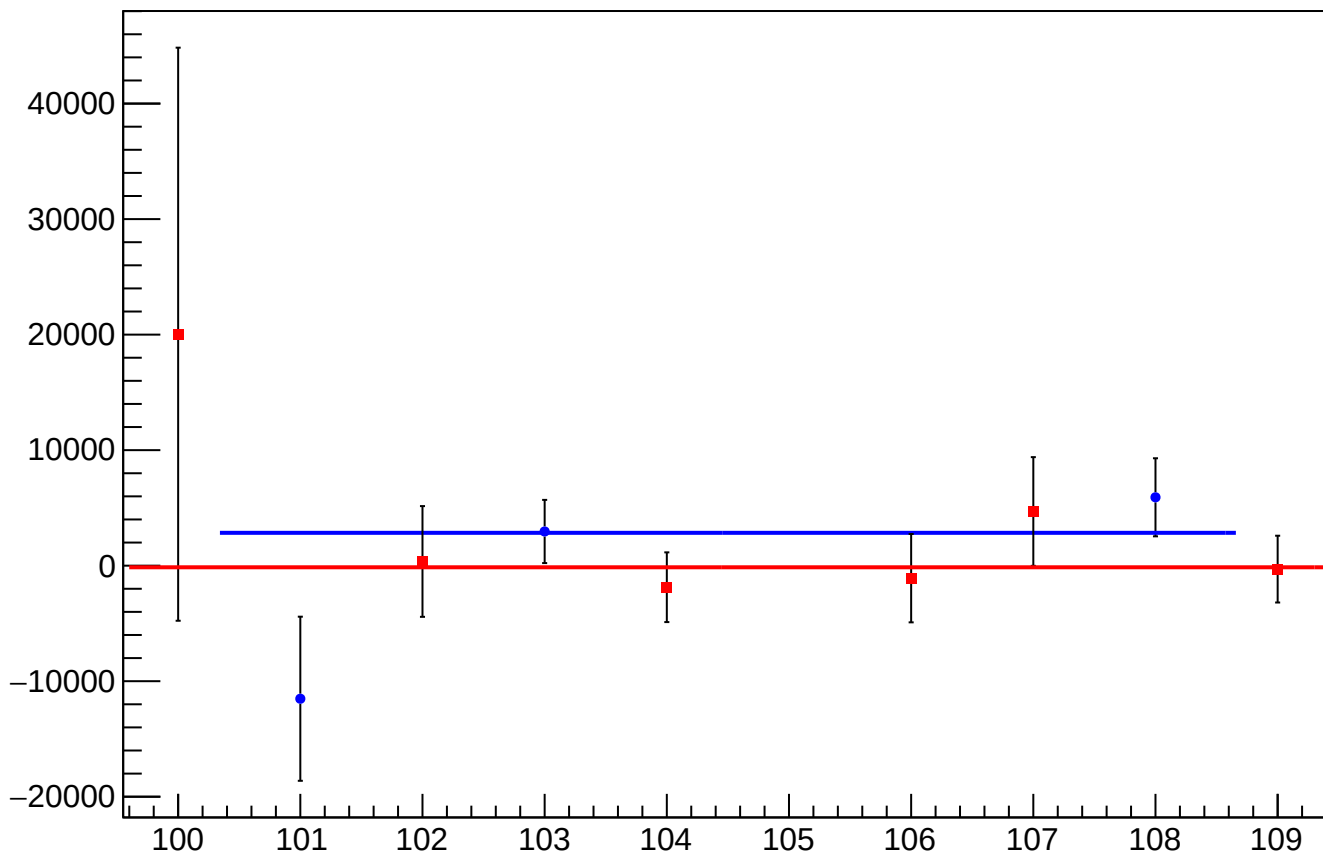
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.659+/-0.232 χ^2/NDF : 2849815.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 2843.401+/-2036.848 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.985+/-1605.083 χ^2/NDF : 2.1/5

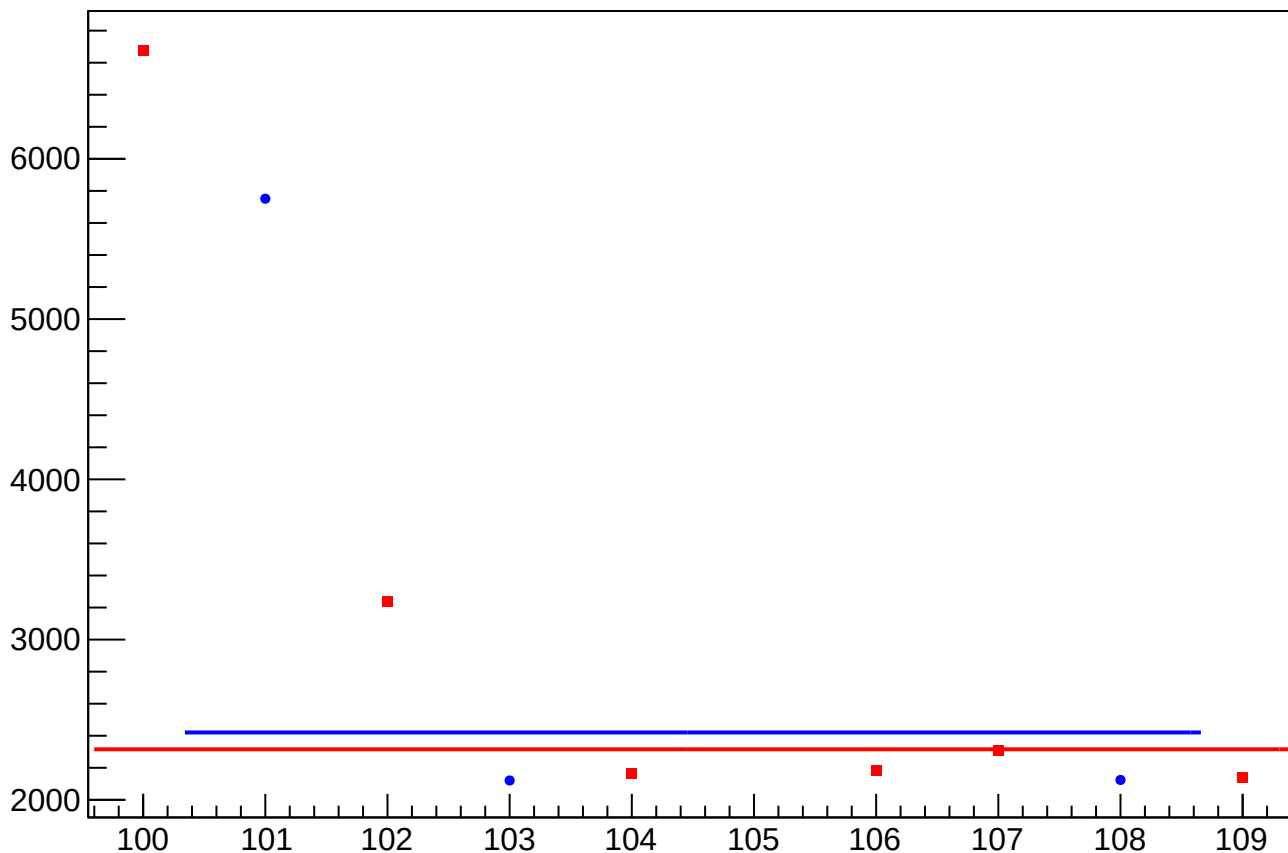
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1002.919+/-1260.691 χ^2/NDF : 8.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2420.520+/-1.440 χ^2/NDF : 479139.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2315.452+/-1.135 χ^2/NDF : 150825.7/5

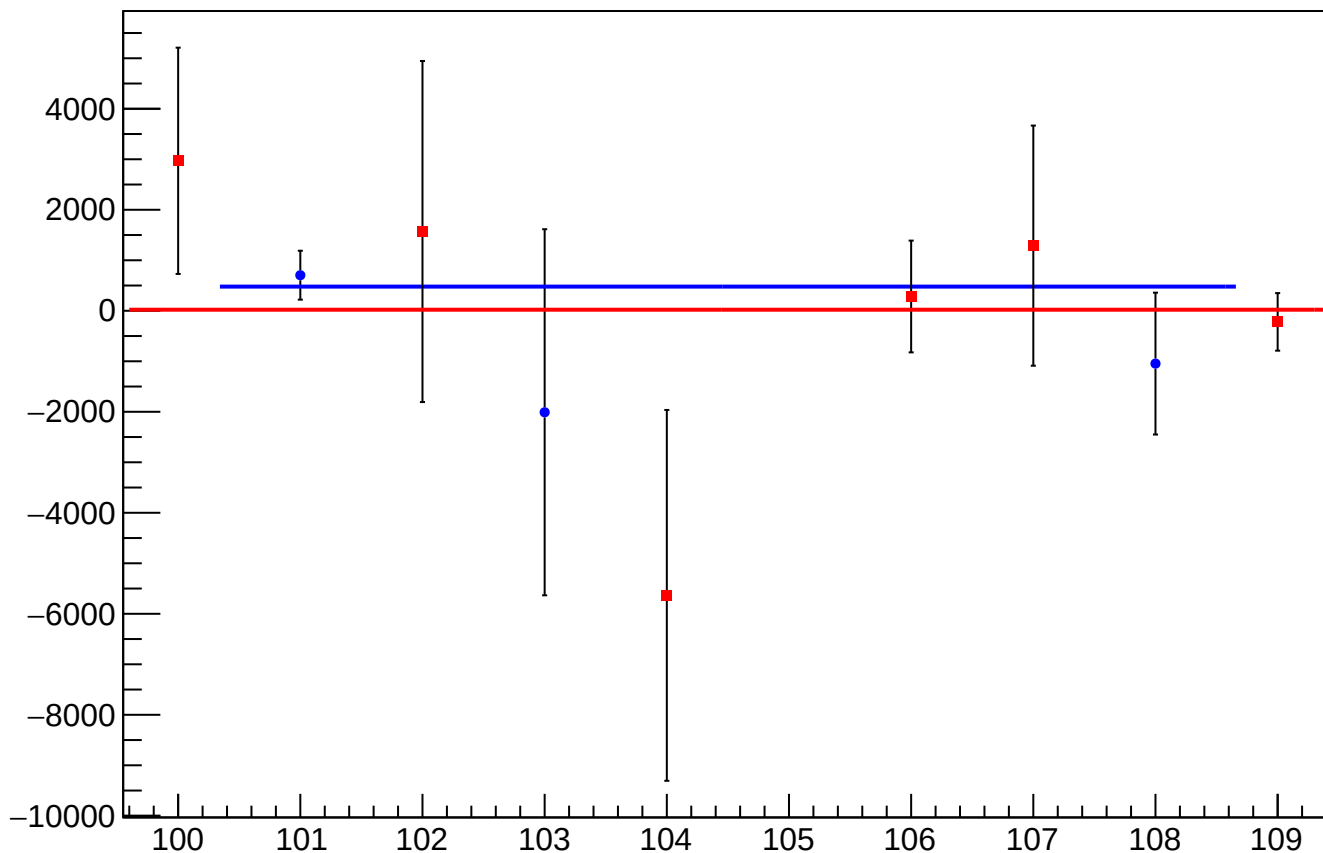
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2355.702+/-0.891 χ^2/NDF : 633248.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 478.850+/-454.200 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.112+/-474.995 χ^2/NDF : 4.8/5

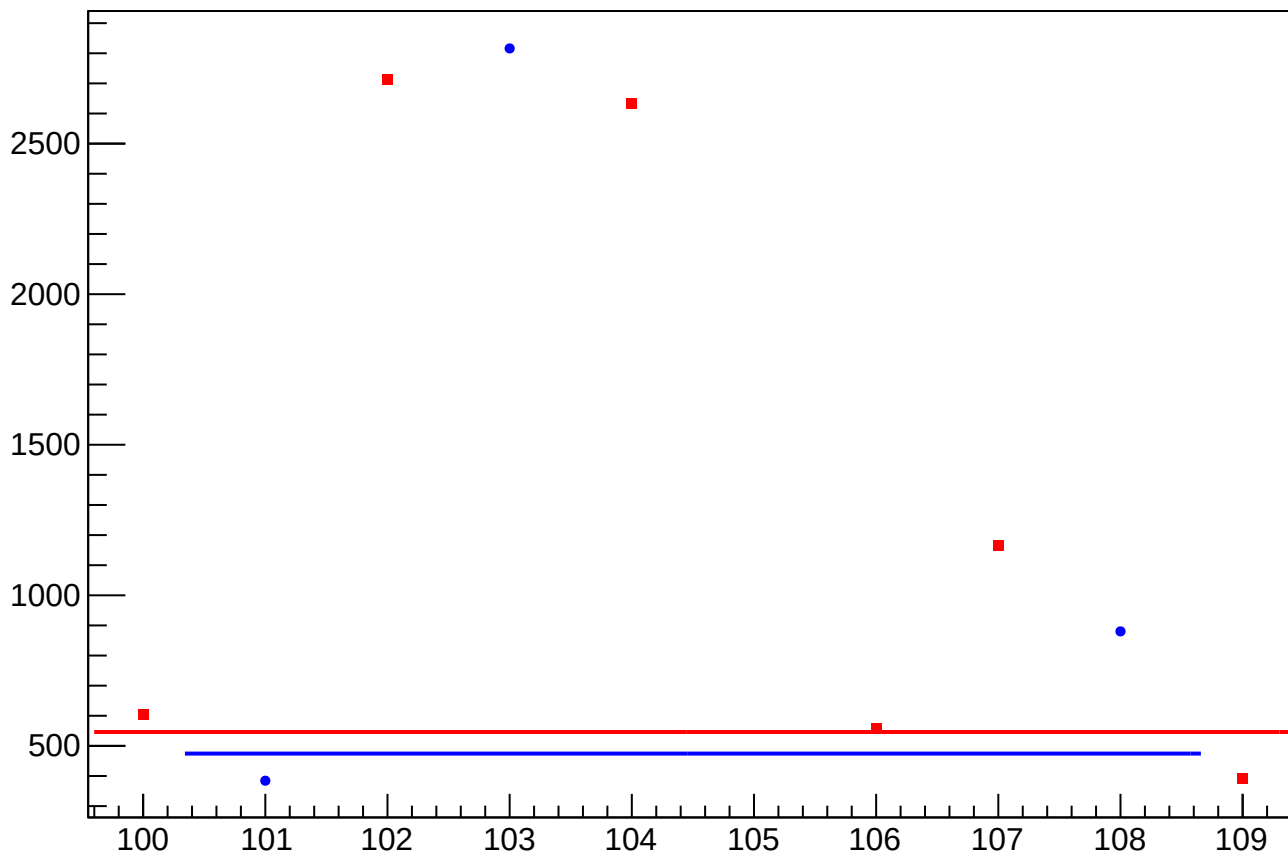
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.220+/-328.273 χ^2/NDF : 7.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 474.420 $\pm$ 0.321 χ^2 /NDF: 1070948.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 546.100 $\pm$ 0.336 χ^2 /NDF: 1755084.7/5

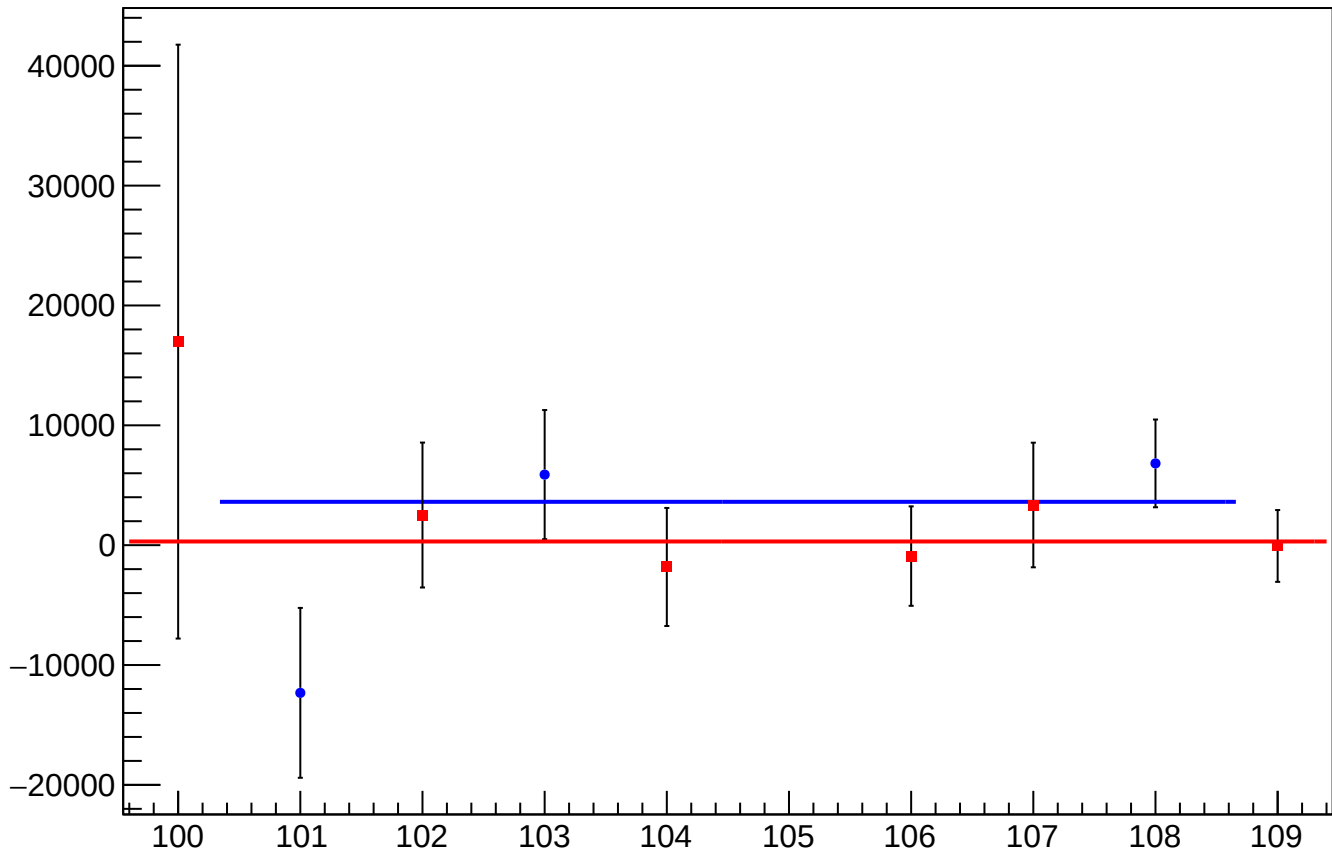
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 508.657 $\pm$ 0.232 χ^2 /NDF: 2849824.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: 3617.657 $\pm$ 2784.459 χ^2 /NDF: 6.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 308.242 $\pm$ 1900.874 χ^2 /NDF: 1.2/5

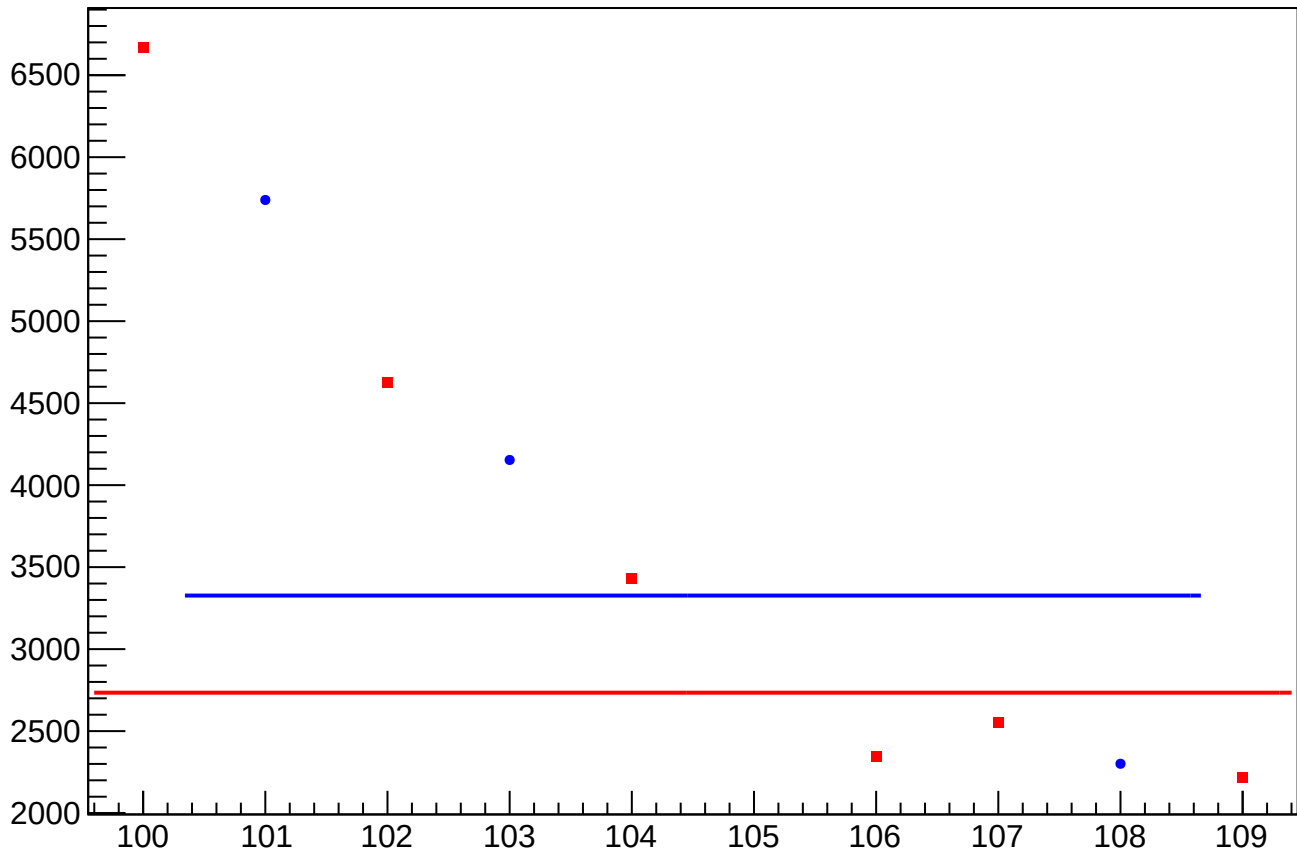
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1360.276 $\pm$ 1569.929 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 3326.596 $\pm$ 1.969 χ^2 /NDF: 435850.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2734.422 $\pm$ 1.344 χ^2 /NDF: 365877.4/5

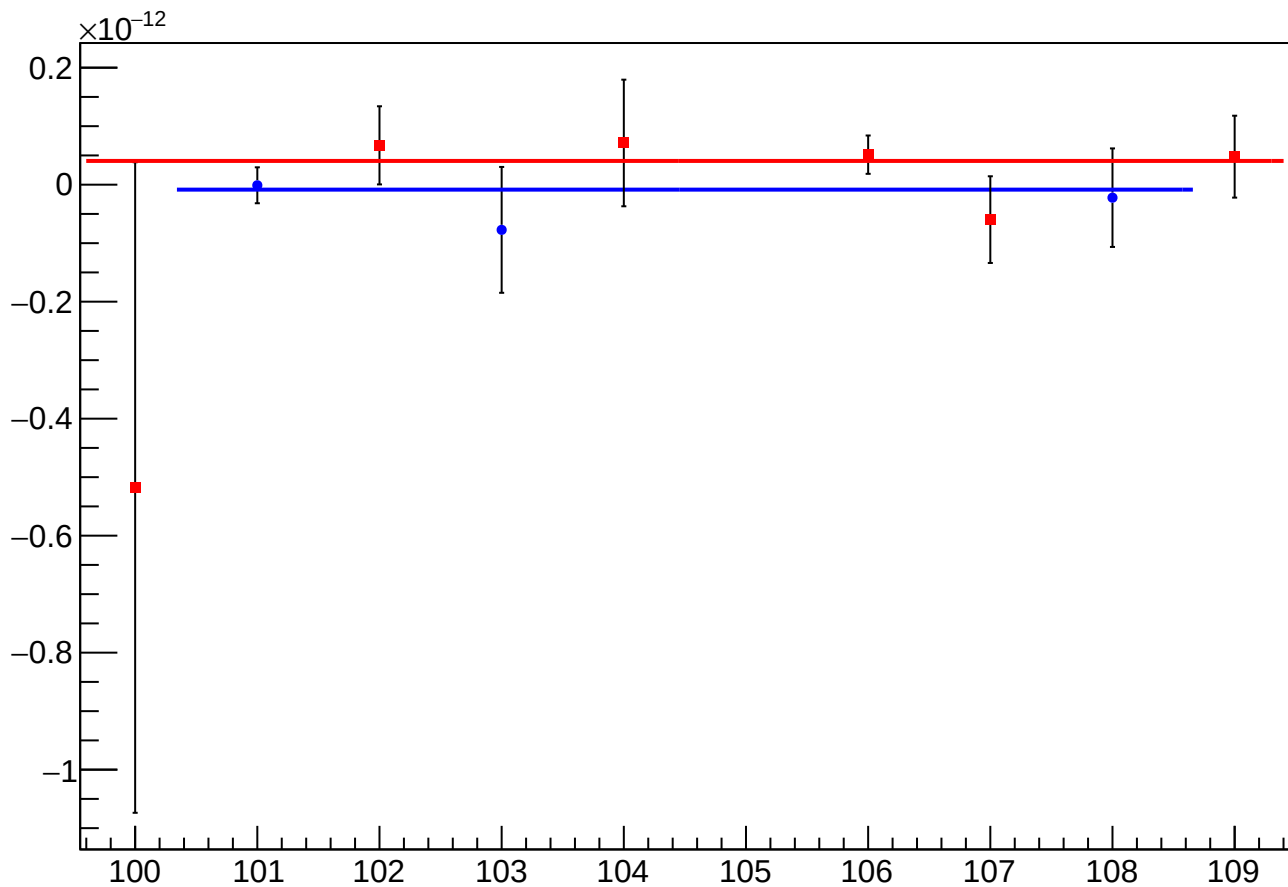
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2922.664 $\pm$ 1.110 χ^2 /NDF: 863430.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 3.2/5

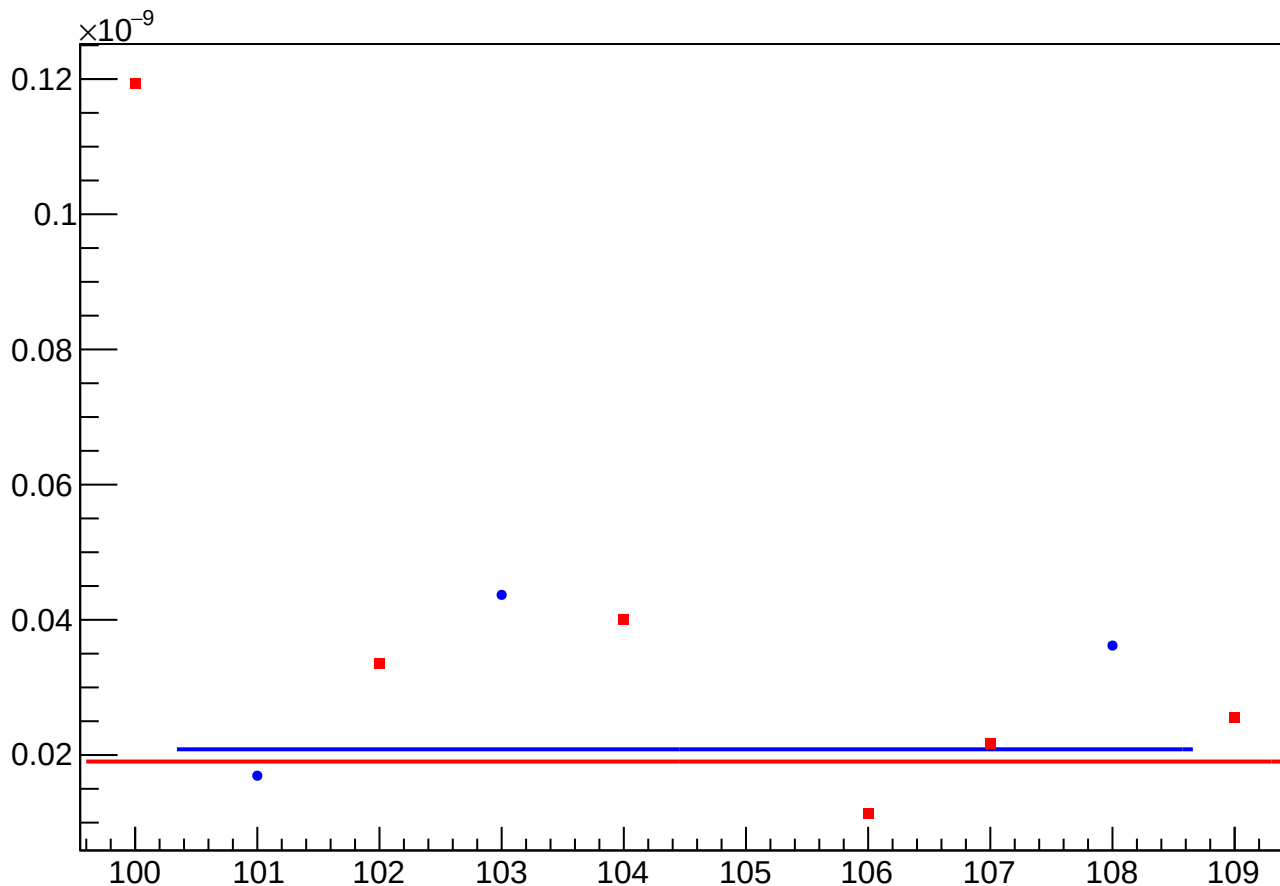
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 5.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 188933.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 365321.0/5

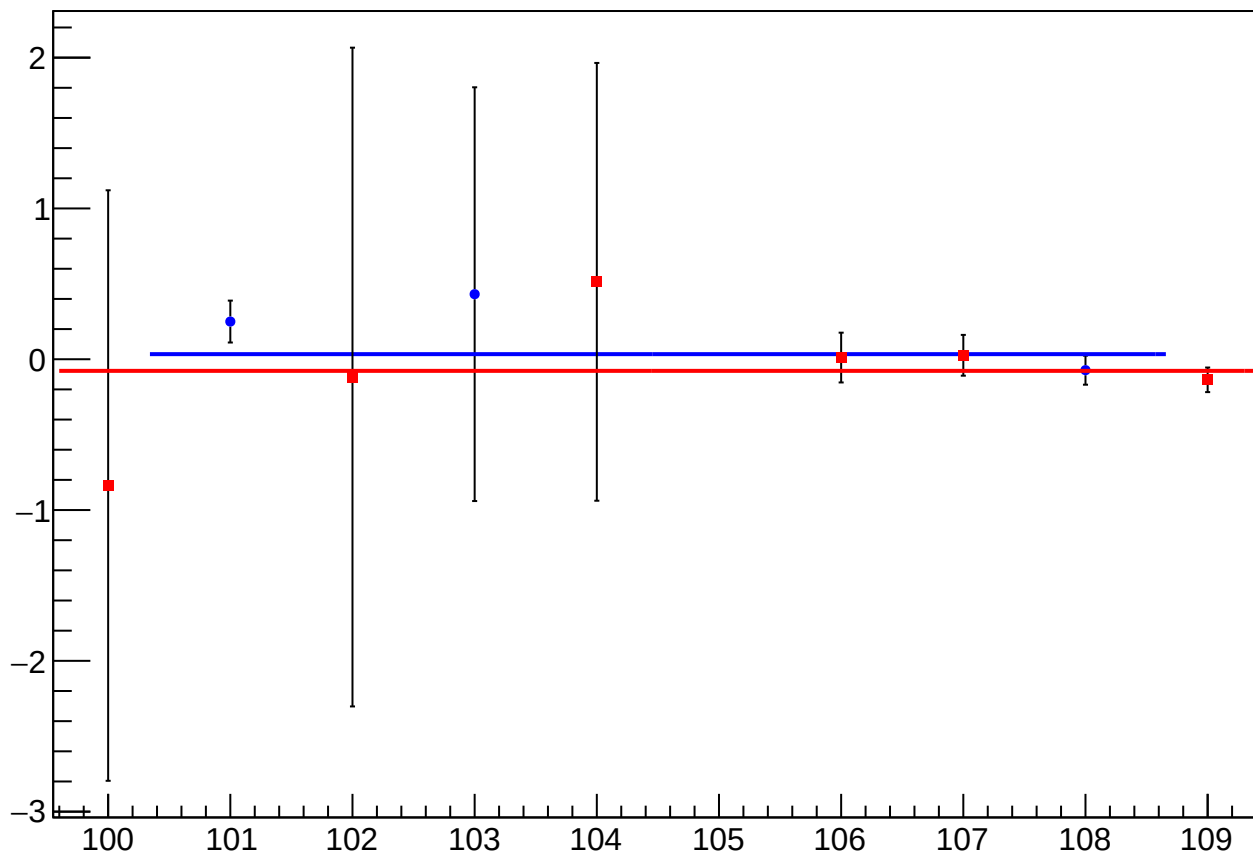
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 558962.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.079 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.077 $\pm$ 0.064 χ^2 /NDF: 1.7/5

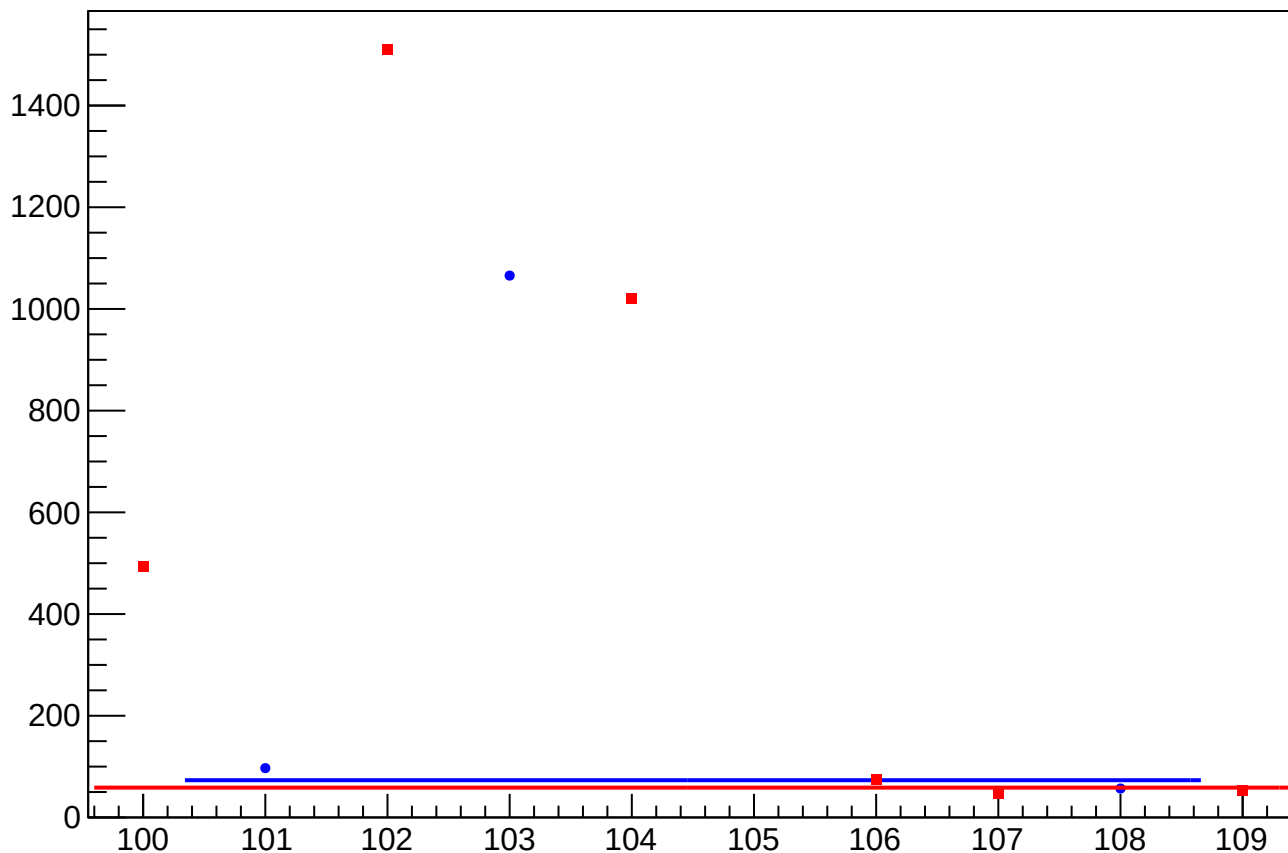
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.033 $\pm$ 0.050 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 73.235 $\pm$ 0.056 χ^2 /NDF: 1162547.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.673 $\pm$ 0.045 χ^2 /NDF: 1904339.7/5

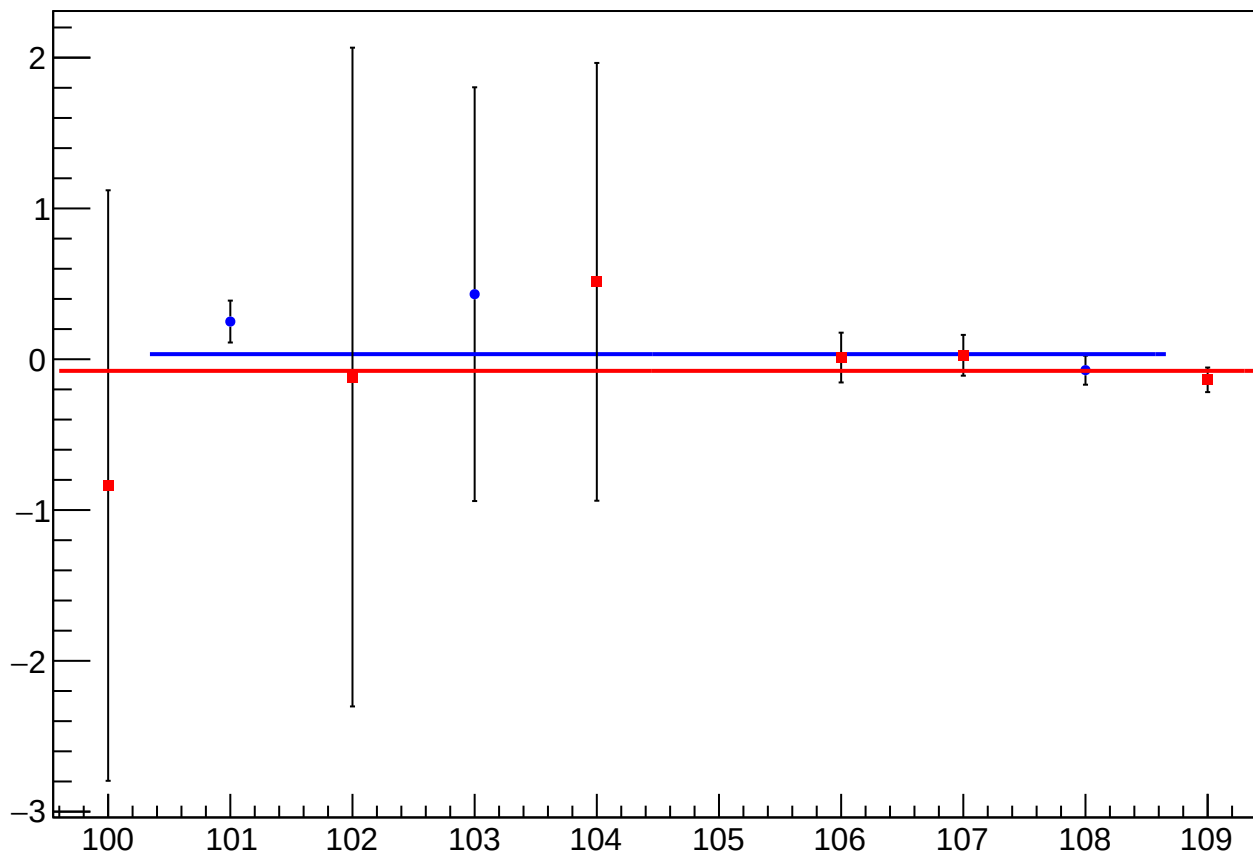
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.451 $\pm$ 0.035 χ^2 /NDF: 3107778.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.079 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.077 $\pm$ 0.064 χ^2 /NDF: 1.7/5

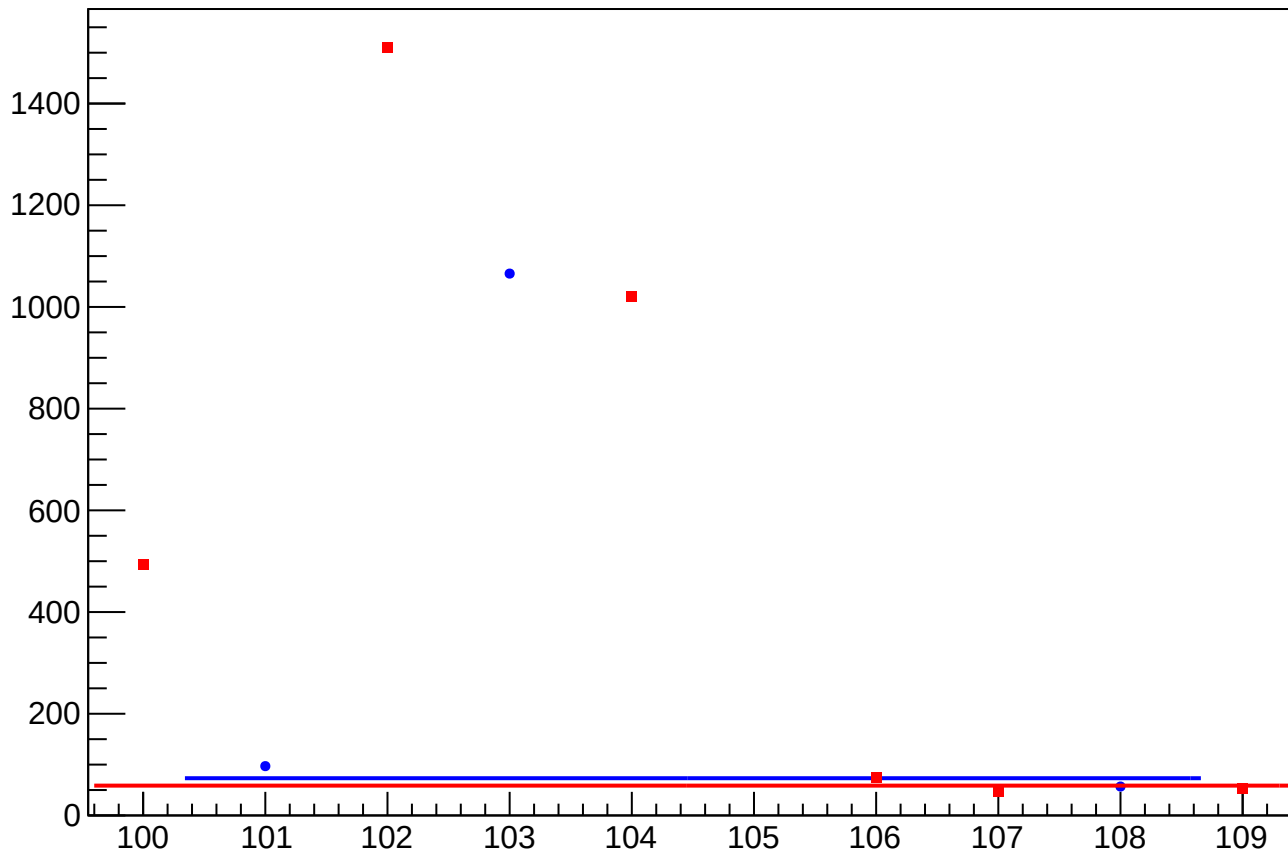
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.033 $\pm$ 0.050 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.235+/-0.056 χ^2/NDF : 1162547.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.673+/-0.045 χ^2/NDF : 1904339.7/5

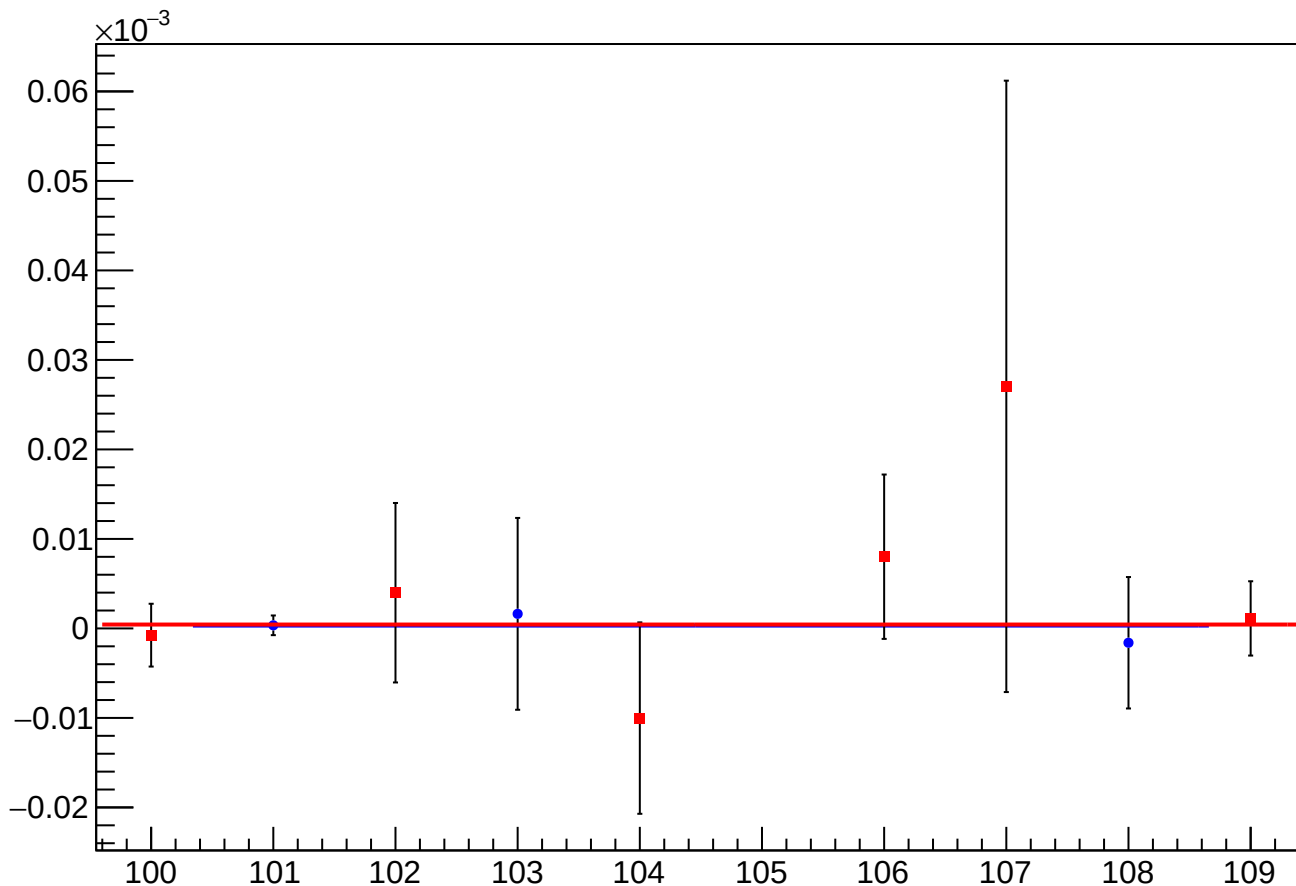
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.451+/-0.035 χ^2/NDF : 3107778.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.5/5

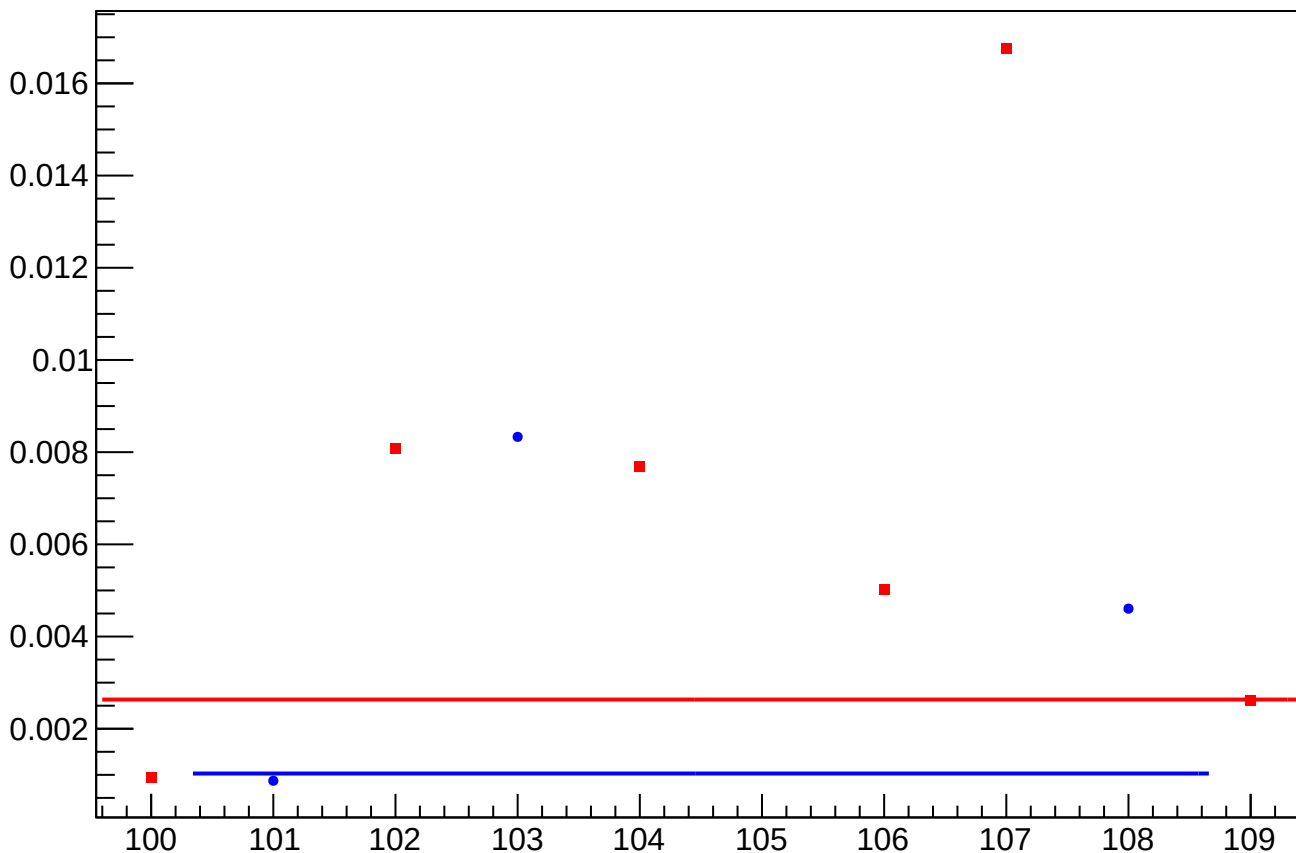
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1443961.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1975421.6/5

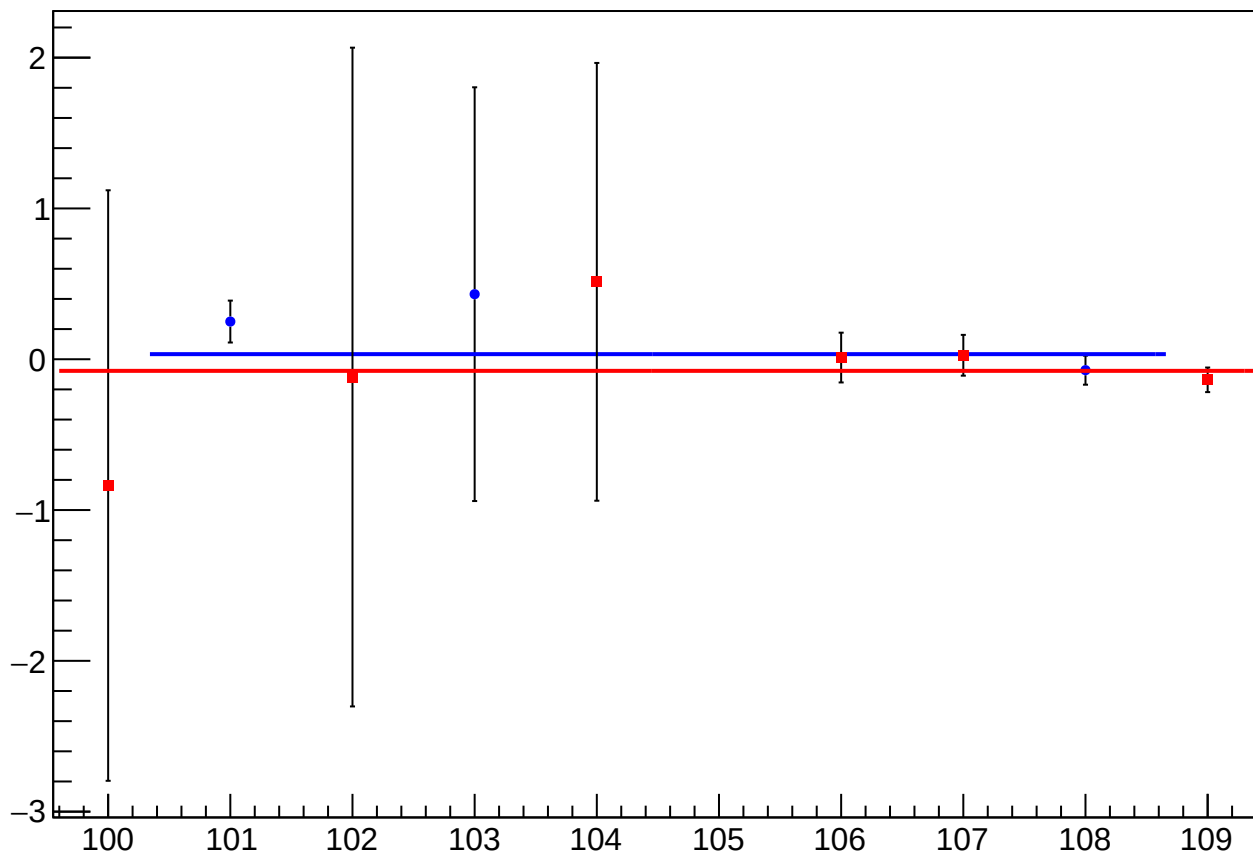
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4152071.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.034 ± 0.079 χ^2/NDF : 3.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.077 ± 0.064 χ^2/NDF : 1.7/5

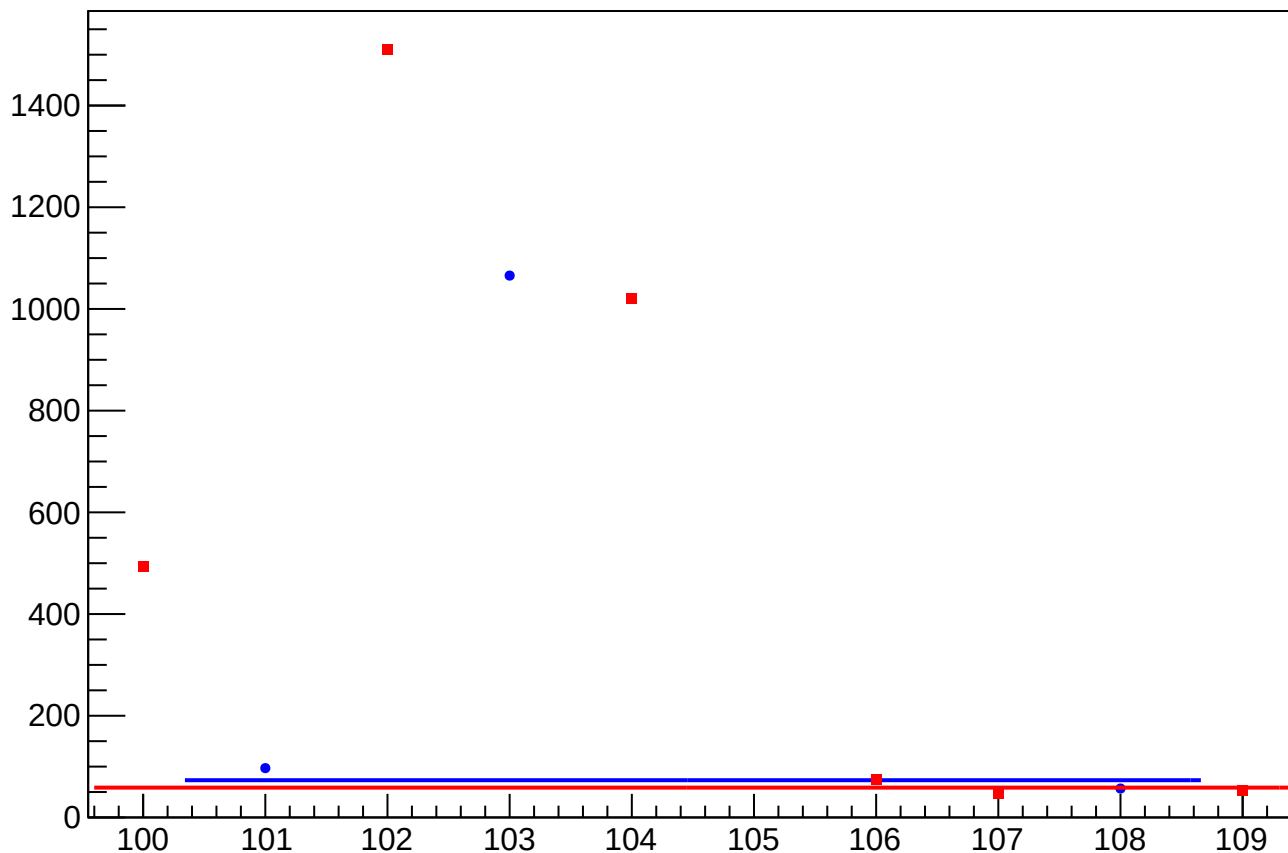
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.050 χ^2/NDF : 6.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 73.238+/-0.056 χ^2/NDF : 1162523.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.674+/-0.045 χ^2/NDF : 1904319.9/5

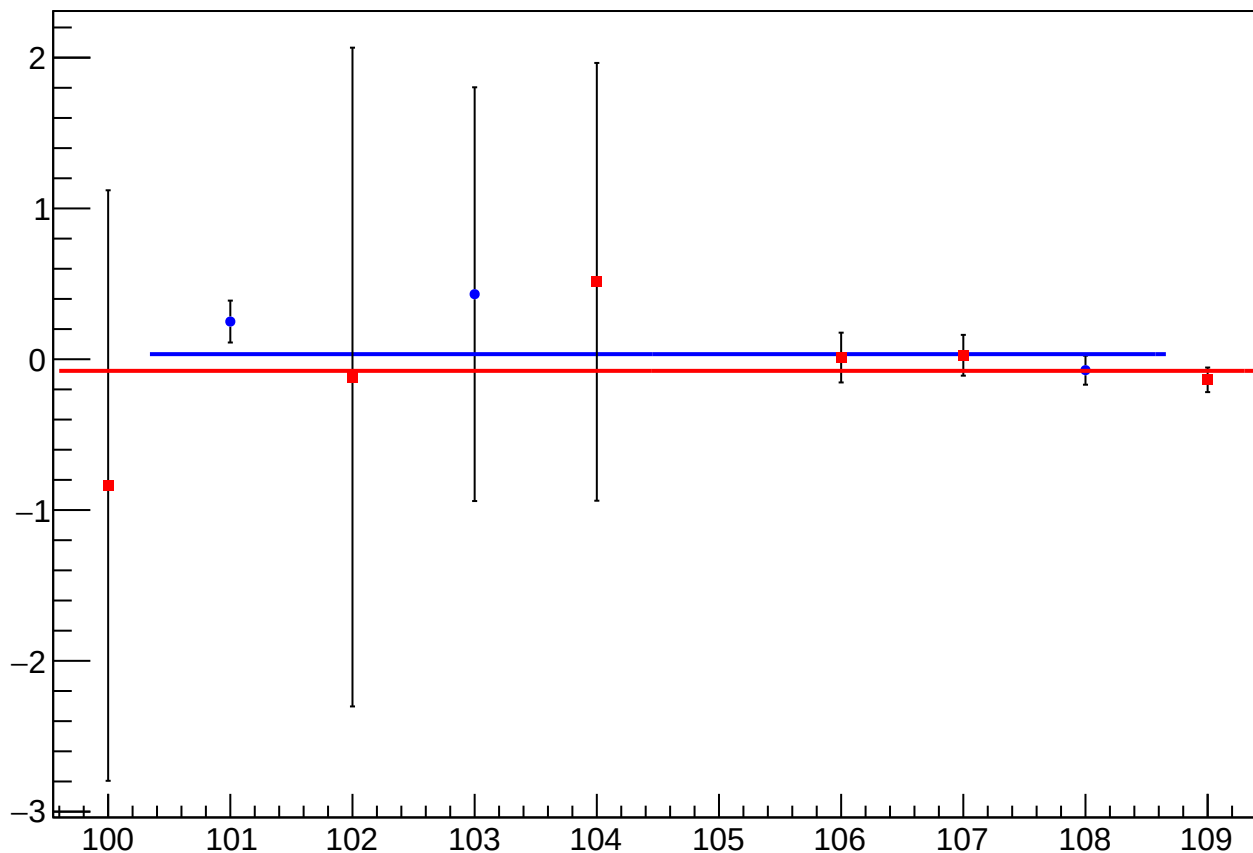
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.453+/-0.035 χ^2/NDF : 3107741.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.034 $\pm$ 0.079 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.077 $\pm$ 0.064 χ^2 /NDF: 1.7/5

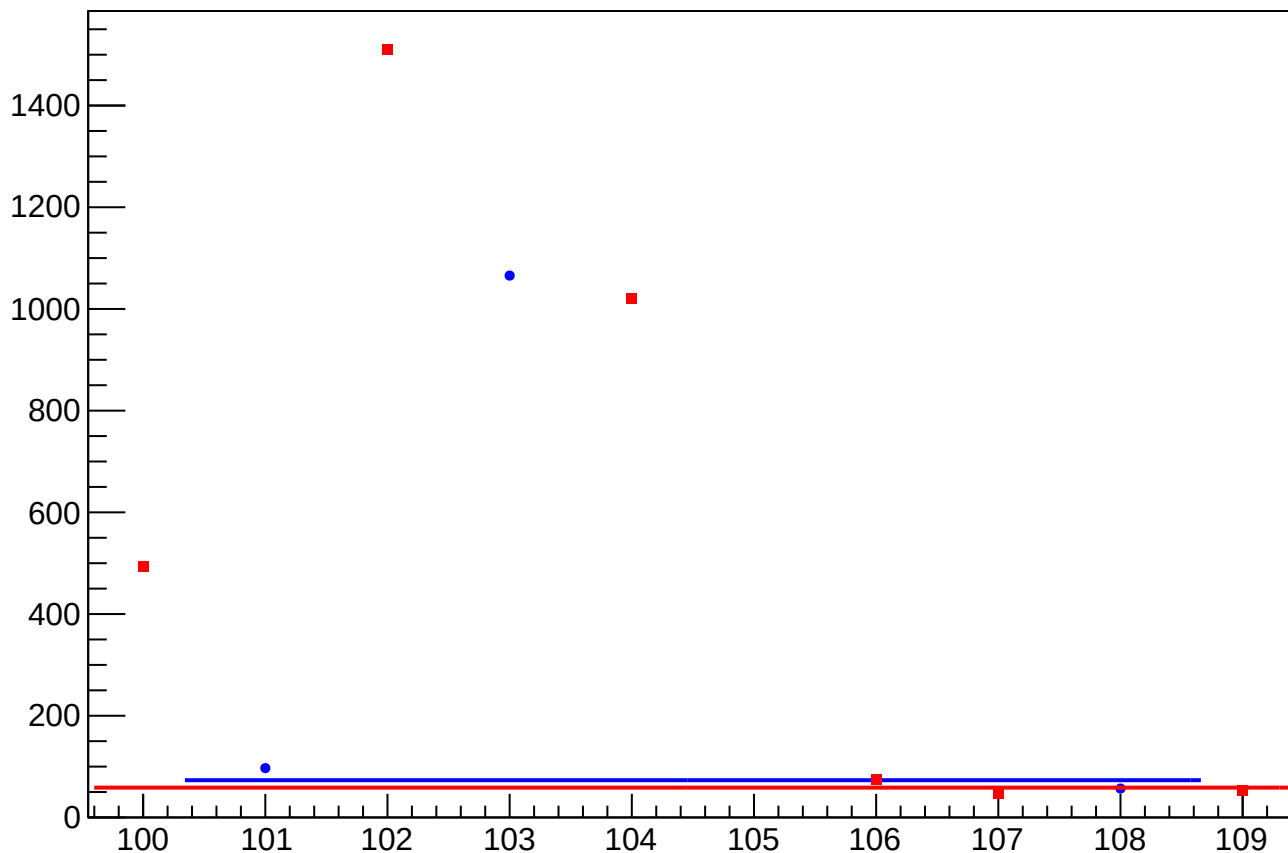
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.033 $\pm$ 0.050 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.238+/-0.056 χ^2/NDF : 1162523.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.674+/-0.045 χ^2/NDF : 1904319.9/5

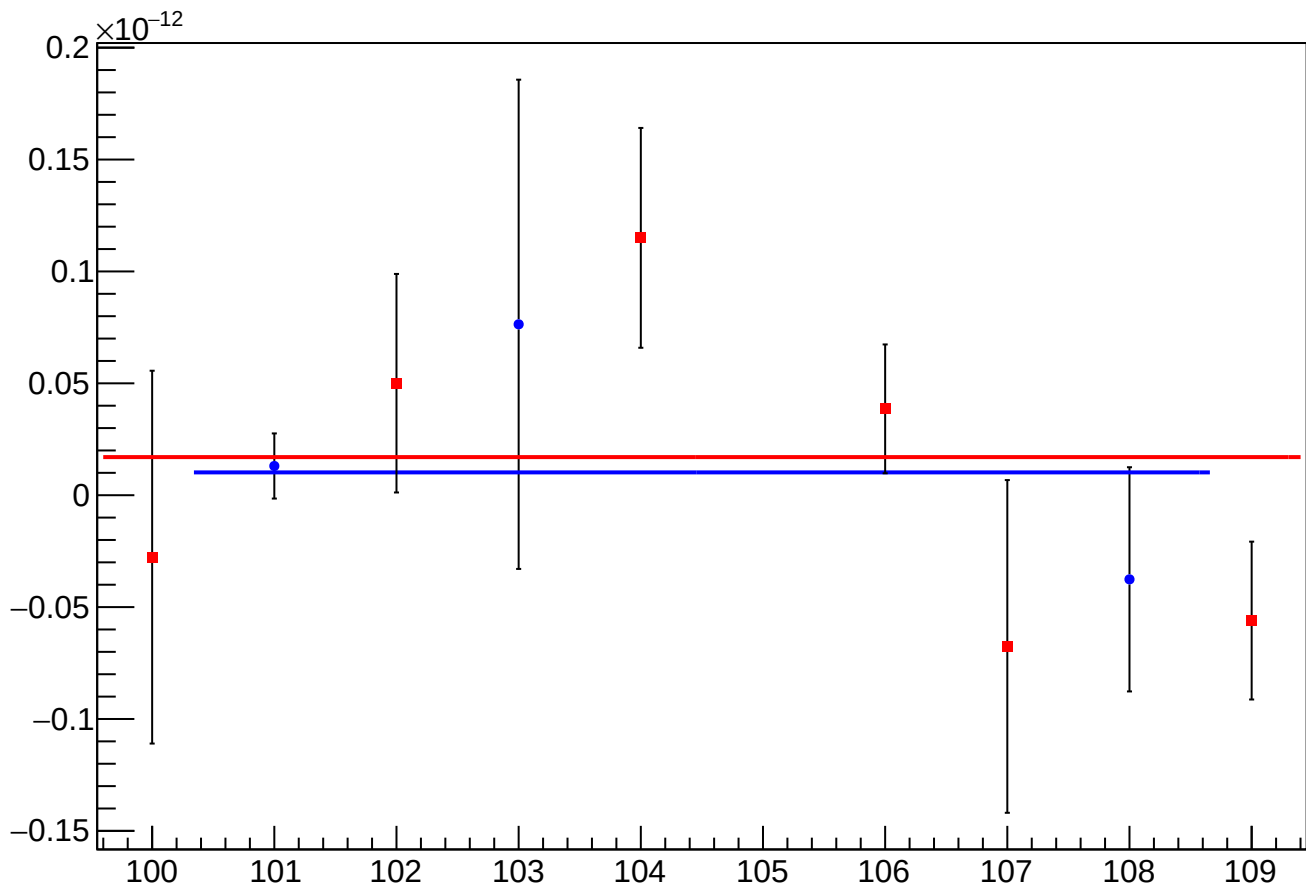
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.453+/-0.035 χ^2/NDF : 3107741.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/5

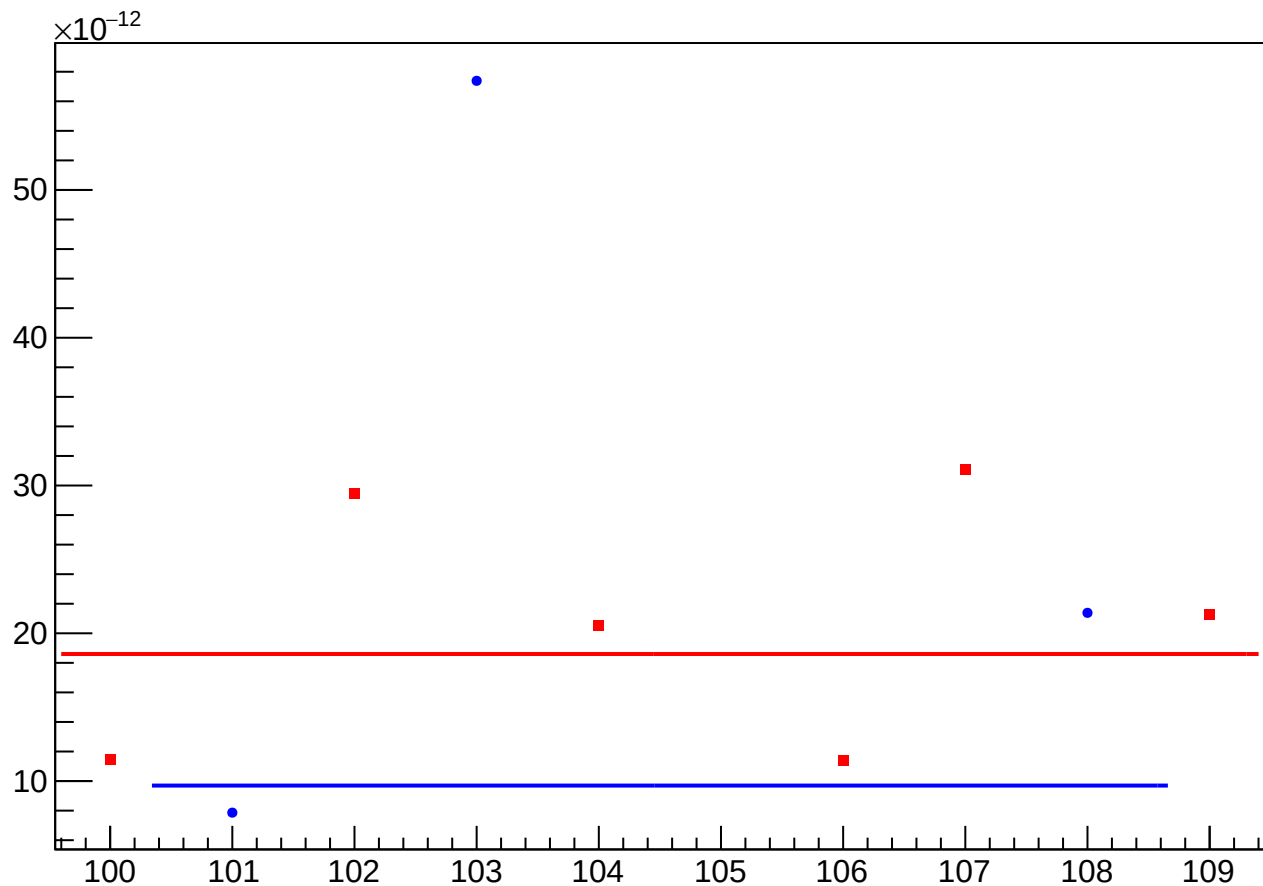
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 521213.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 310373.2/5

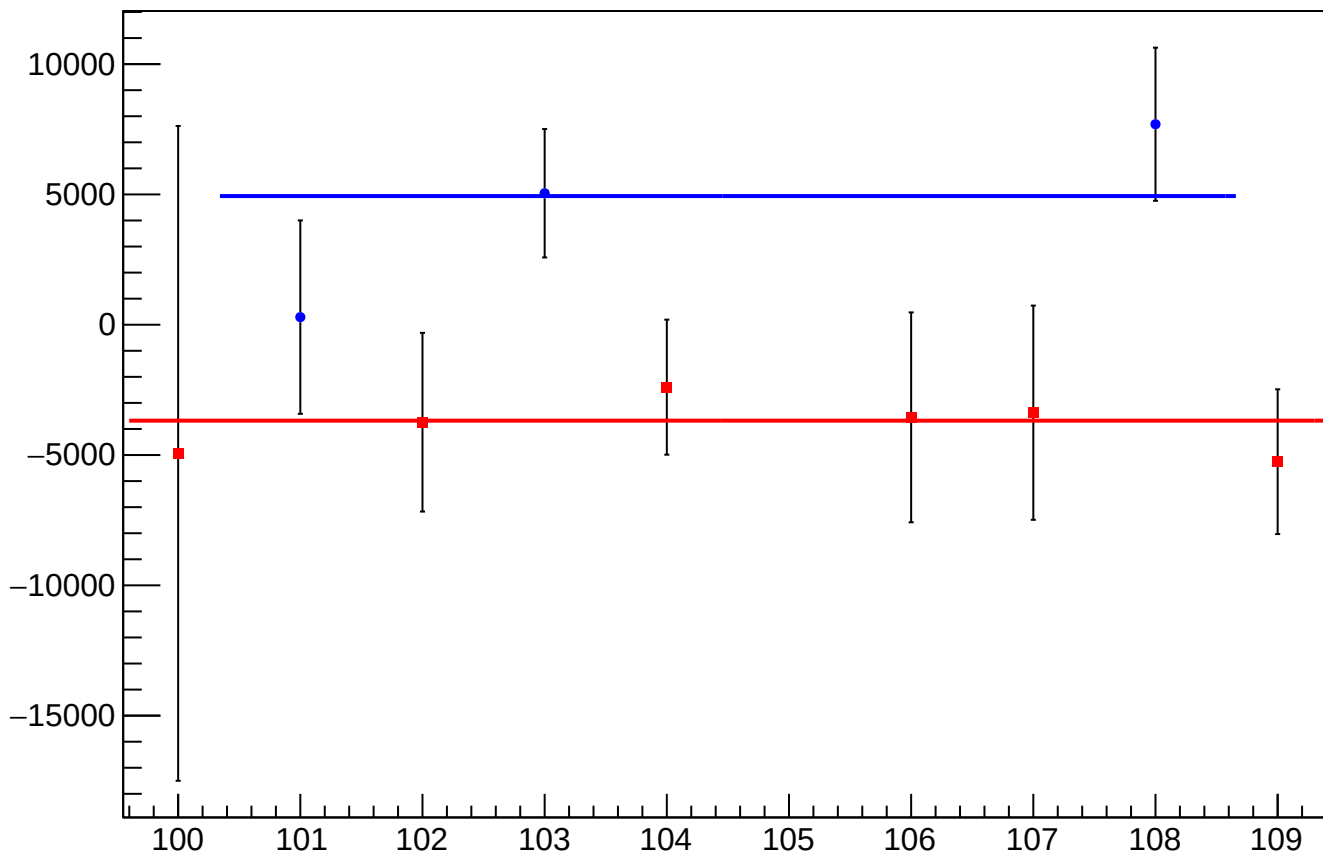
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1143789.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 4936.946 $\pm$ 1682.452 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3680.170 $\pm$ 1427.289 χ^2 /NDF: 0.6/5

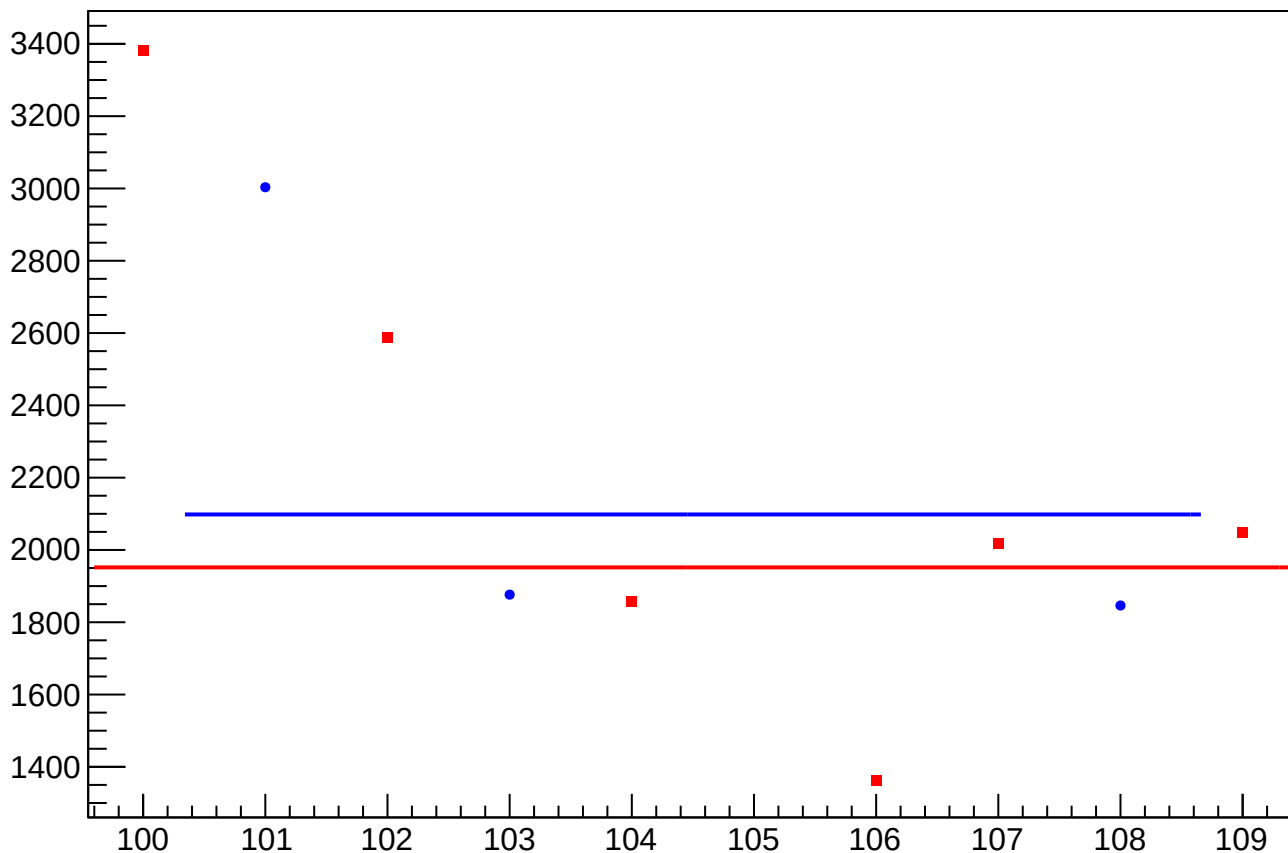
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.941 $\pm$ 1088.400 χ^2 /NDF: 18.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2098.174+/-1.190 χ^2/NDF : 149920.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1951.766+/-0.962 χ^2/NDF : 177422.9/5

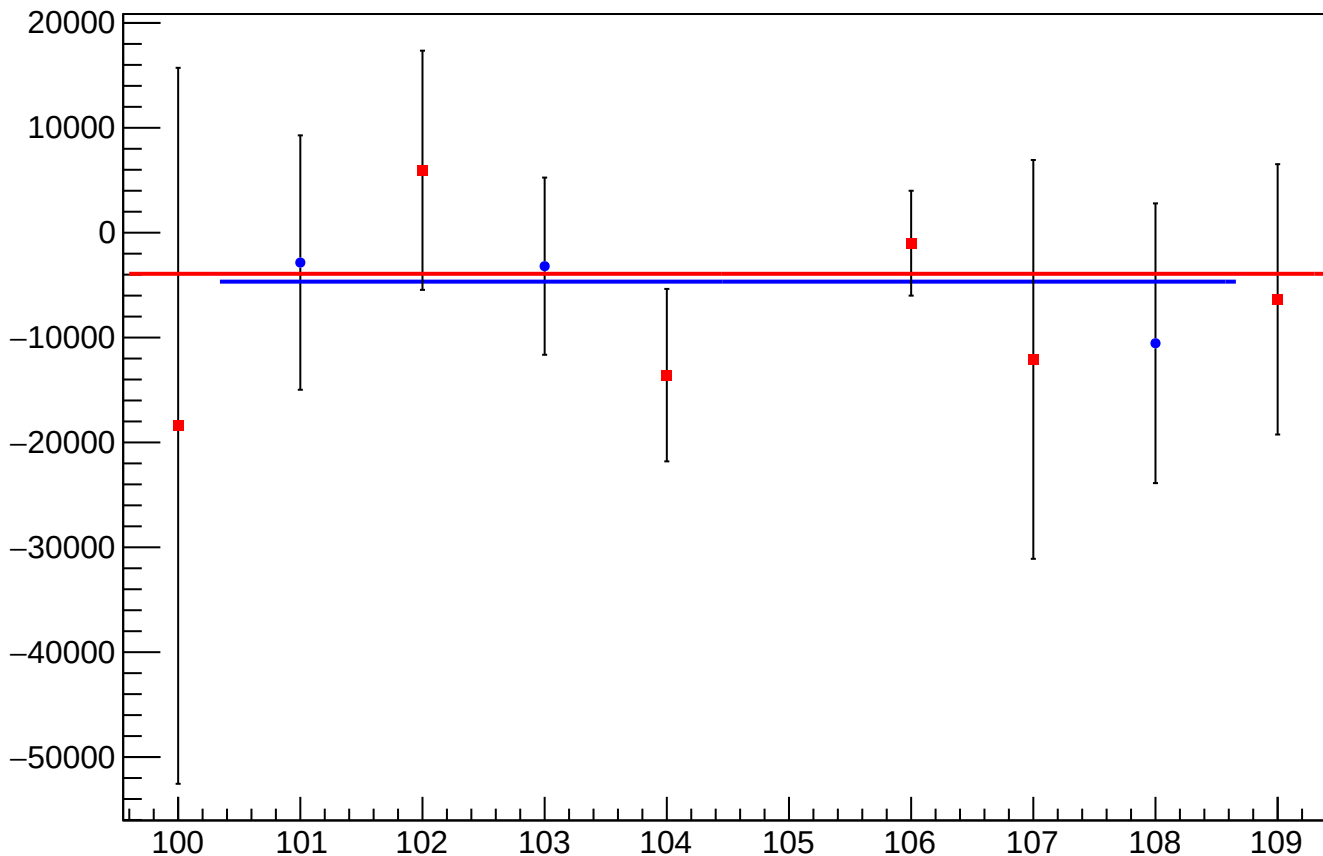
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2009.629+/-0.748 χ^2/NDF : 336503.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug



Right In: -4667.838 $\pm$ 6150.922 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3920.029 $\pm$ 3723.584 χ^2 /NDF: 2.9/5

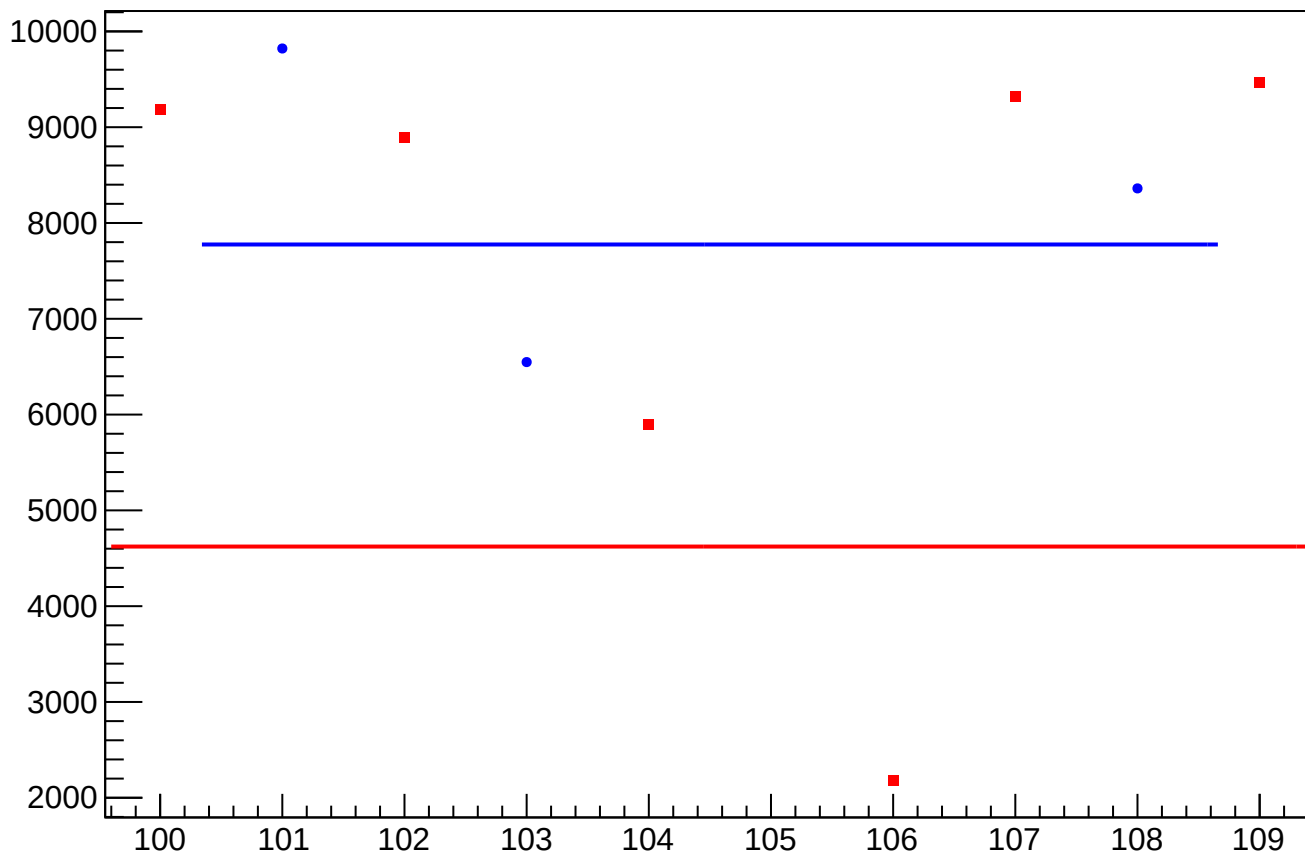
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4120.583 $\pm$ 3185.375 χ^2 /NDF: 3.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug



Right In: 7775.578+/-4.349 χ^2/NDF : 102992.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4622.356+/-2.633 χ^2/NDF : 1245073.4/5

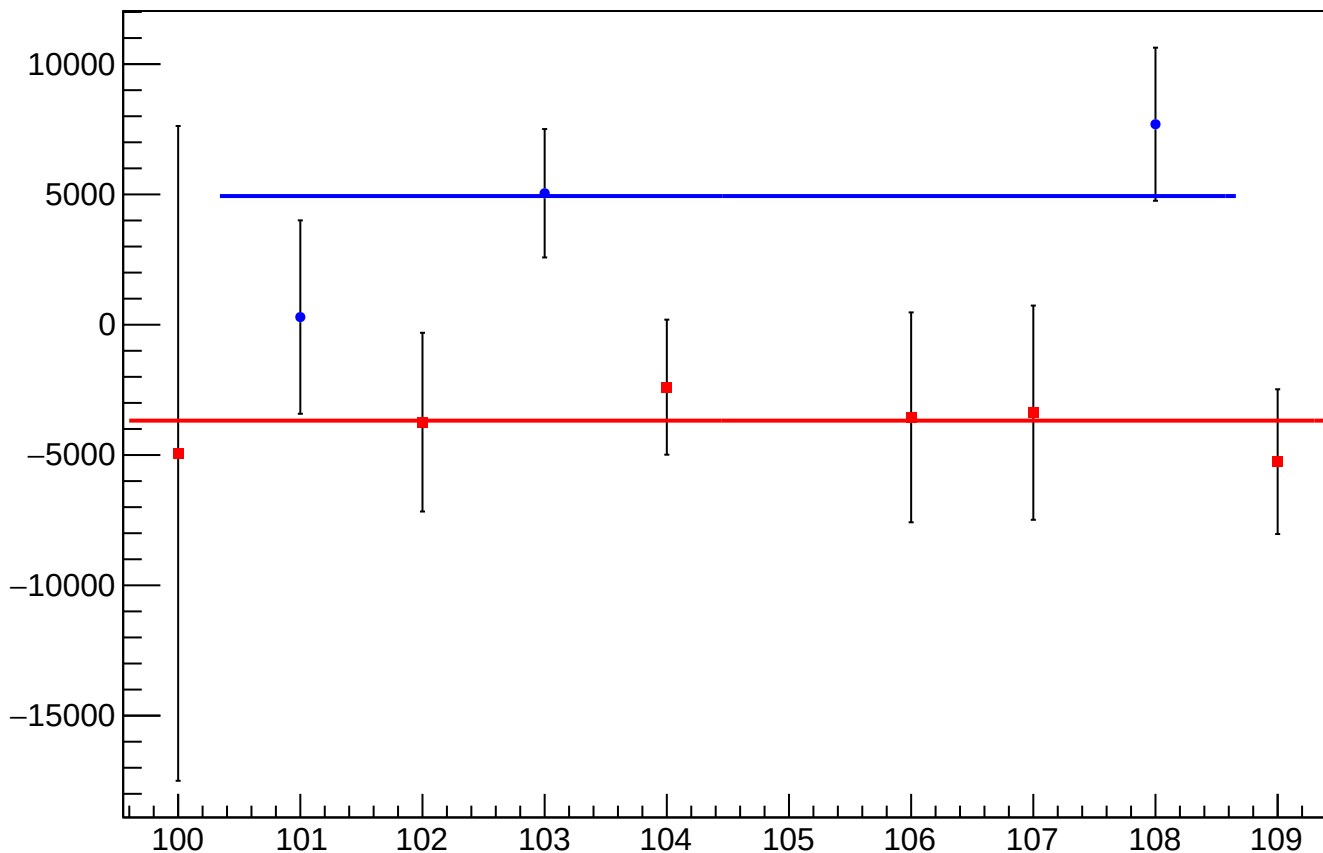
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5468.015+/-2.252 χ^2/NDF : 1732709.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 4937.423+/-1682.453 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3679.877+/-1427.290 χ^2/NDF : 0.6/5

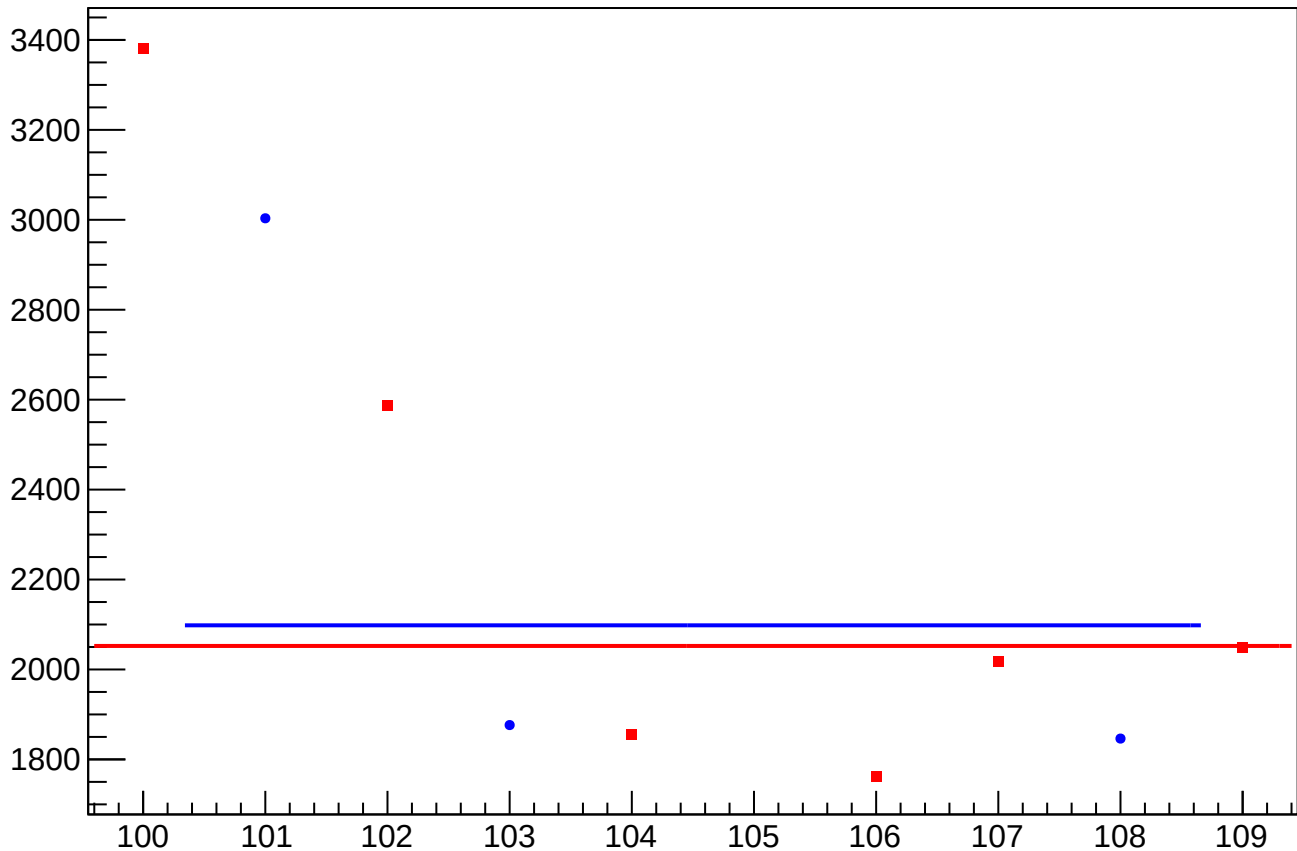
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.572+/-1088.400 χ^2/NDF : 18.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2098.173+/-1.190 χ^2/NDF : 149921.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2052.317+/-0.994 χ^2/NDF : 95662.3/5

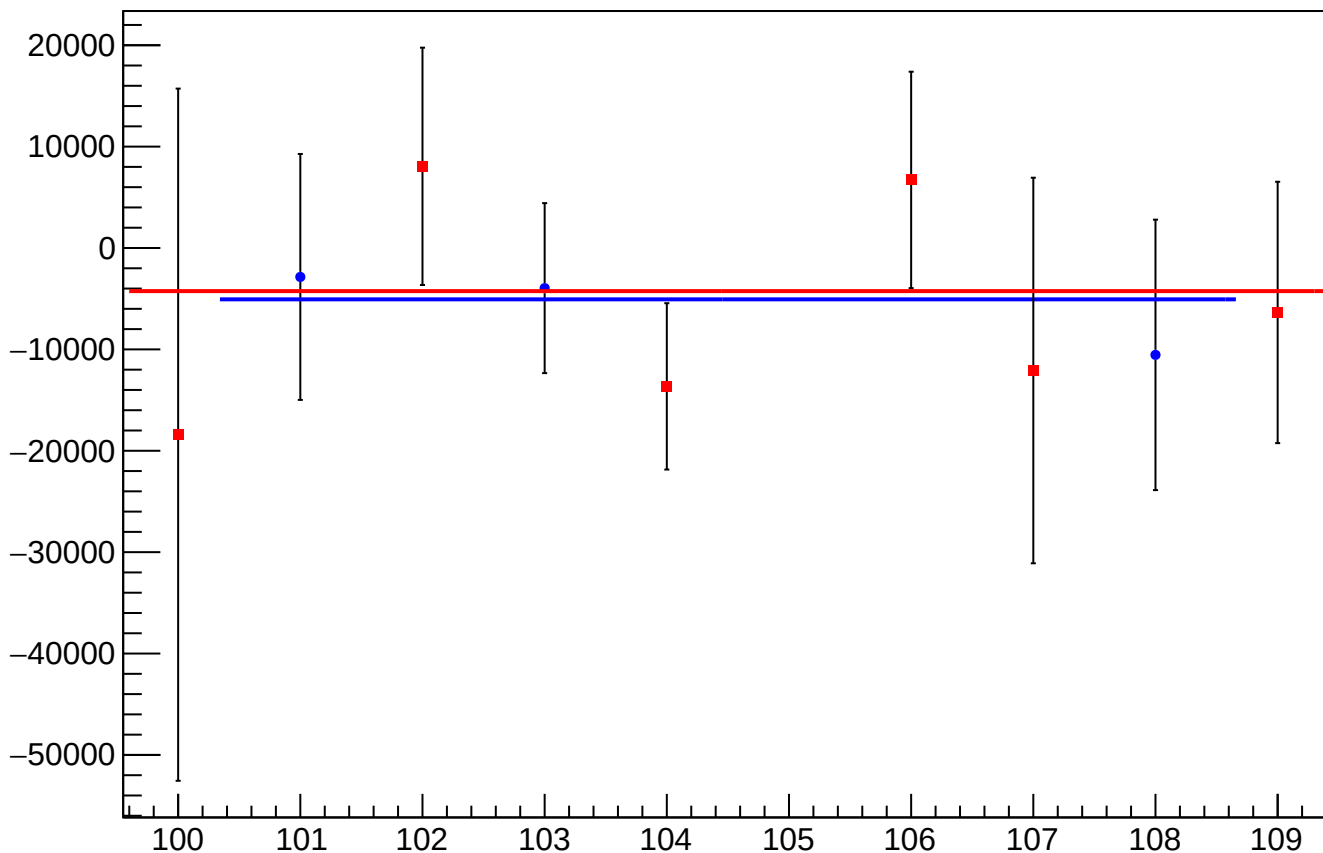
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.167+/-0.763 χ^2/NDF : 246458.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug



Right In: -5064.494 $\pm$ 6125.977 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4252.178 $\pm$ 4964.074 χ^2 /NDF: 3.8/5

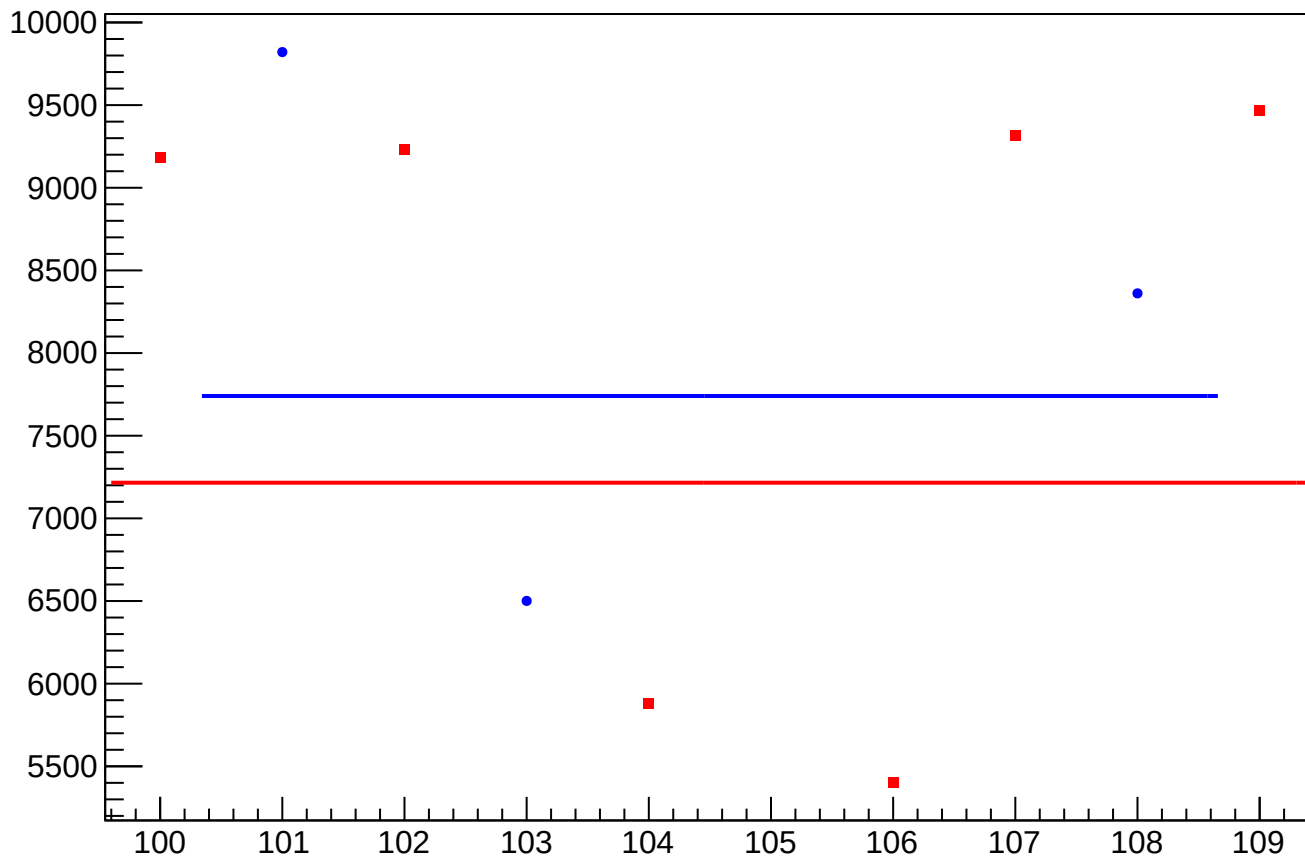
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4574.154 $\pm$ 3856.777 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug



Right In: 7740.289 $\pm$ 4.332 χ^2 /NDF: 106905.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7215.739 $\pm$ 3.510 χ^2 /NDF: 262256.0/5

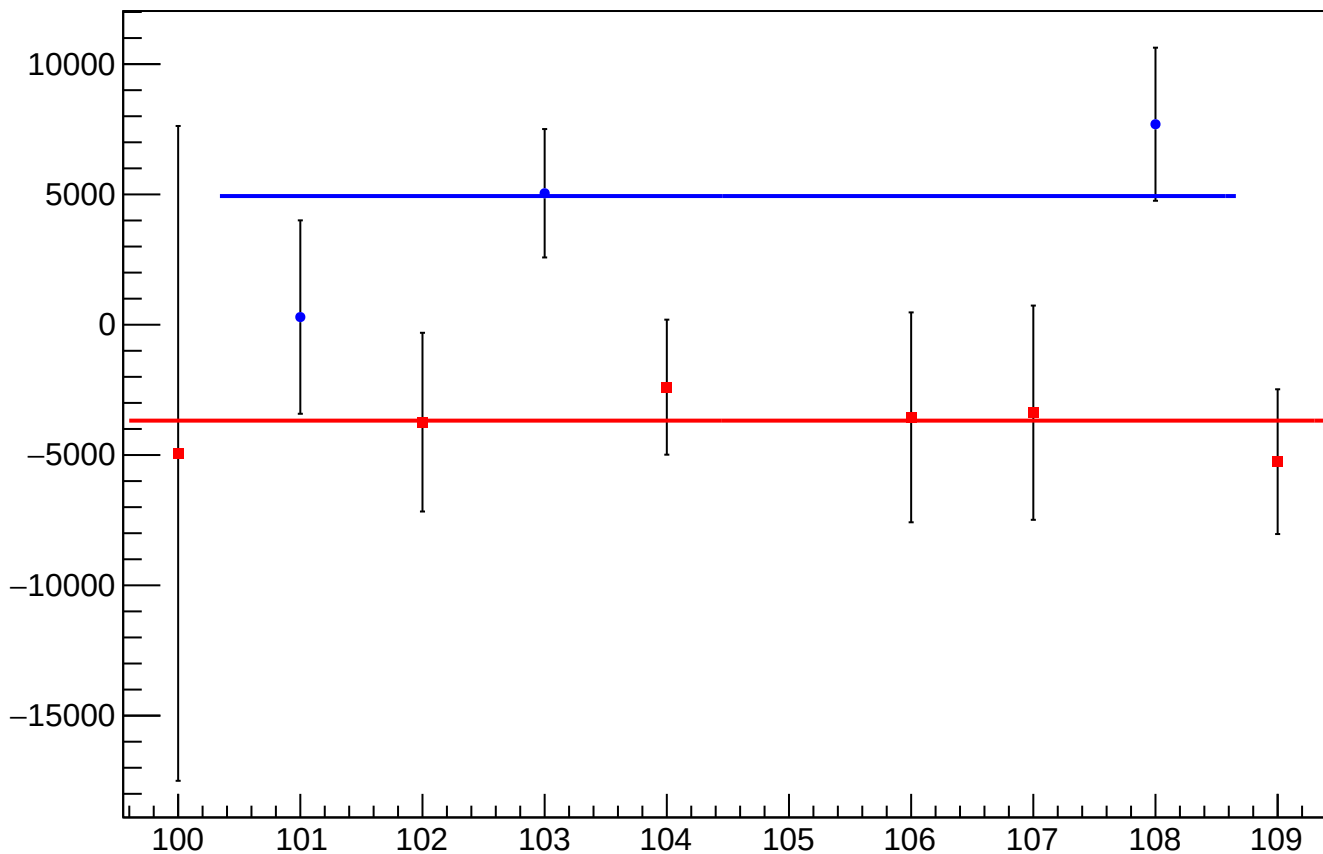
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7423.654 $\pm$ 2.727 χ^2 /NDF: 378013.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 4937.423+/-1682.453 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3679.877+/-1427.290 χ^2/NDF : 0.6/5

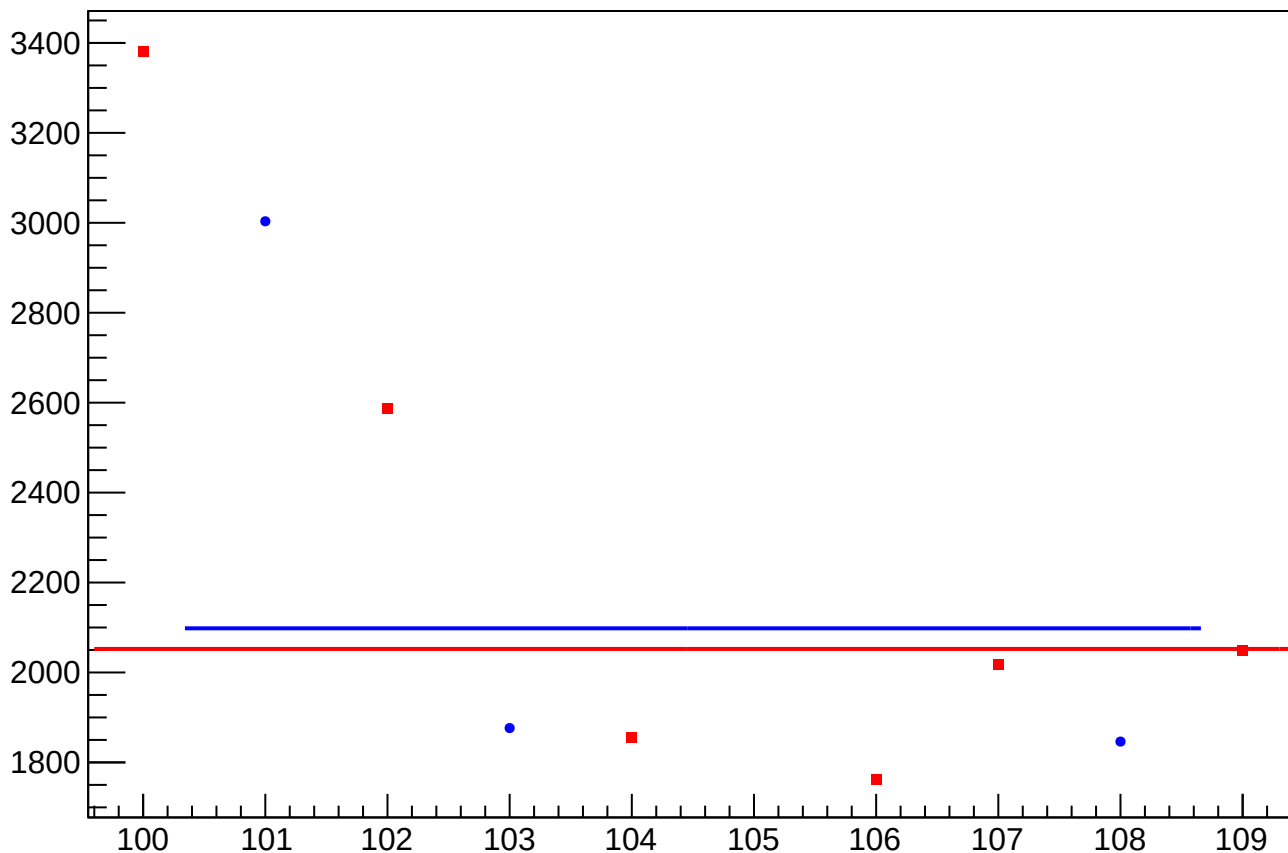
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.572+/-1088.400 χ^2/NDF : 18.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2098.173+/-1.190 χ^2/NDF : 149921.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2052.317+/-0.994 χ^2/NDF : 95662.3/5

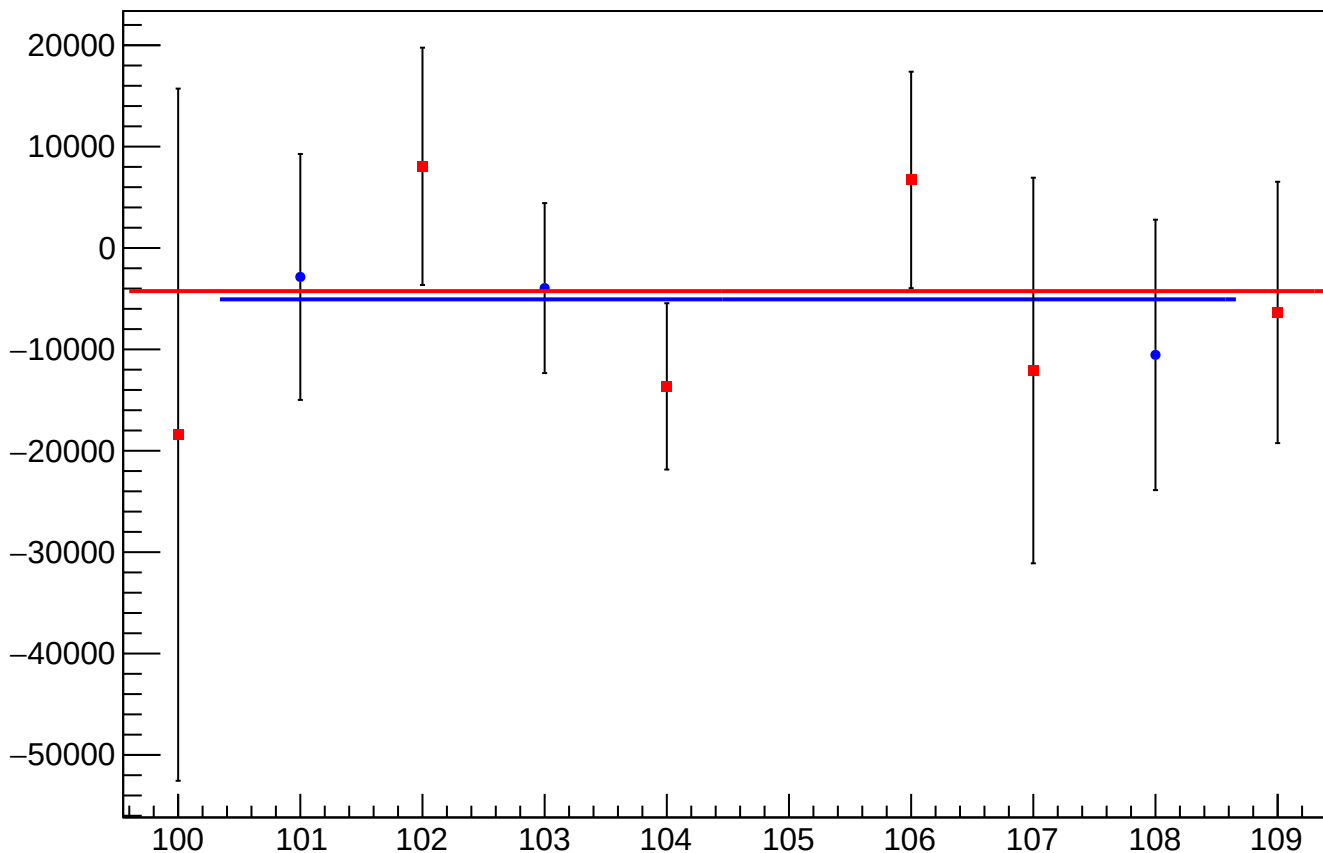
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2071.167+/-0.763 χ^2/NDF : 246458.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -5064.494+/-6125.977 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4252.178+/-4964.074 χ^2/NDF : 3.8/5

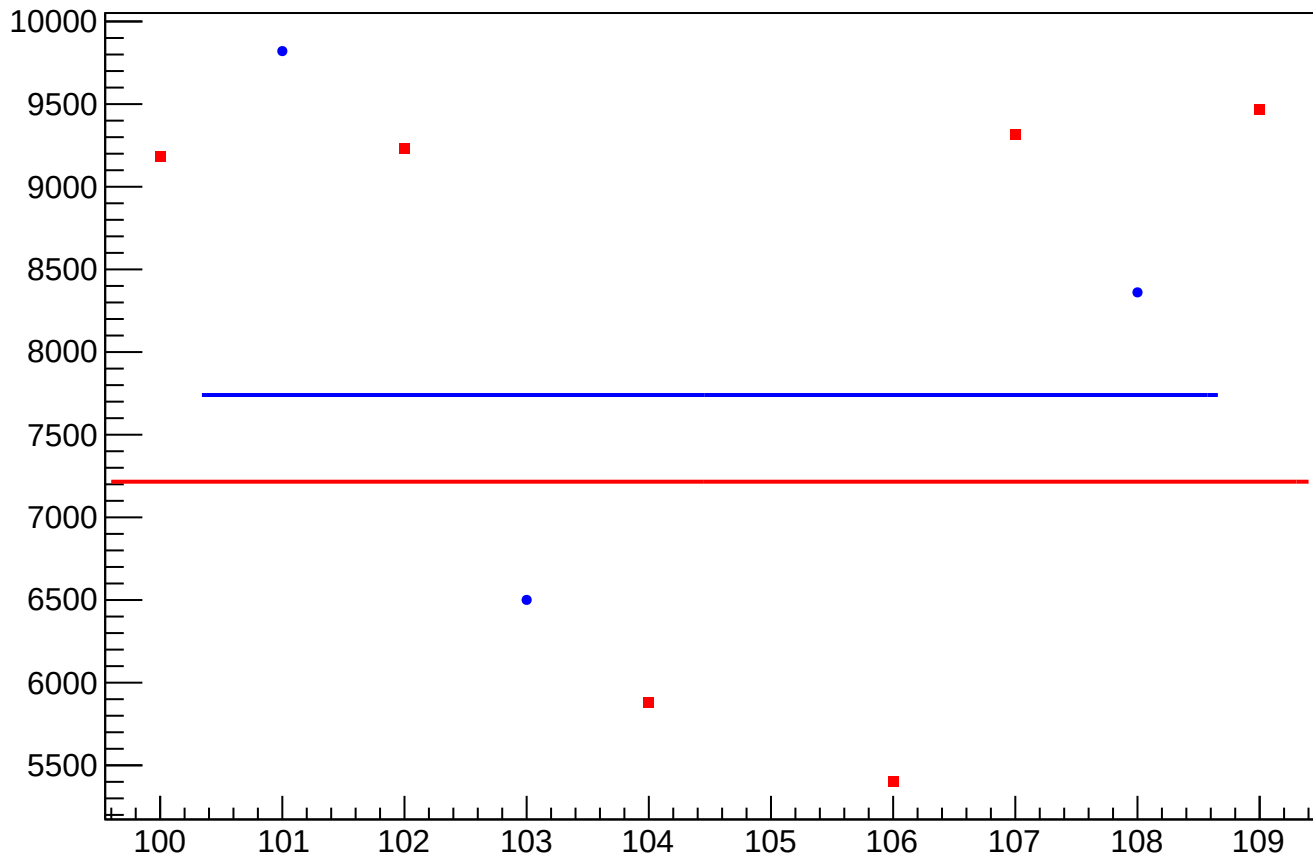
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4574.154+/-3856.777 χ^2/NDF : 4.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 7740.289 +/- 4.332 χ^2/NDF : 106905.7/2

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 7215.739 +/- 3.510 χ^2/NDF : 262256.0/5

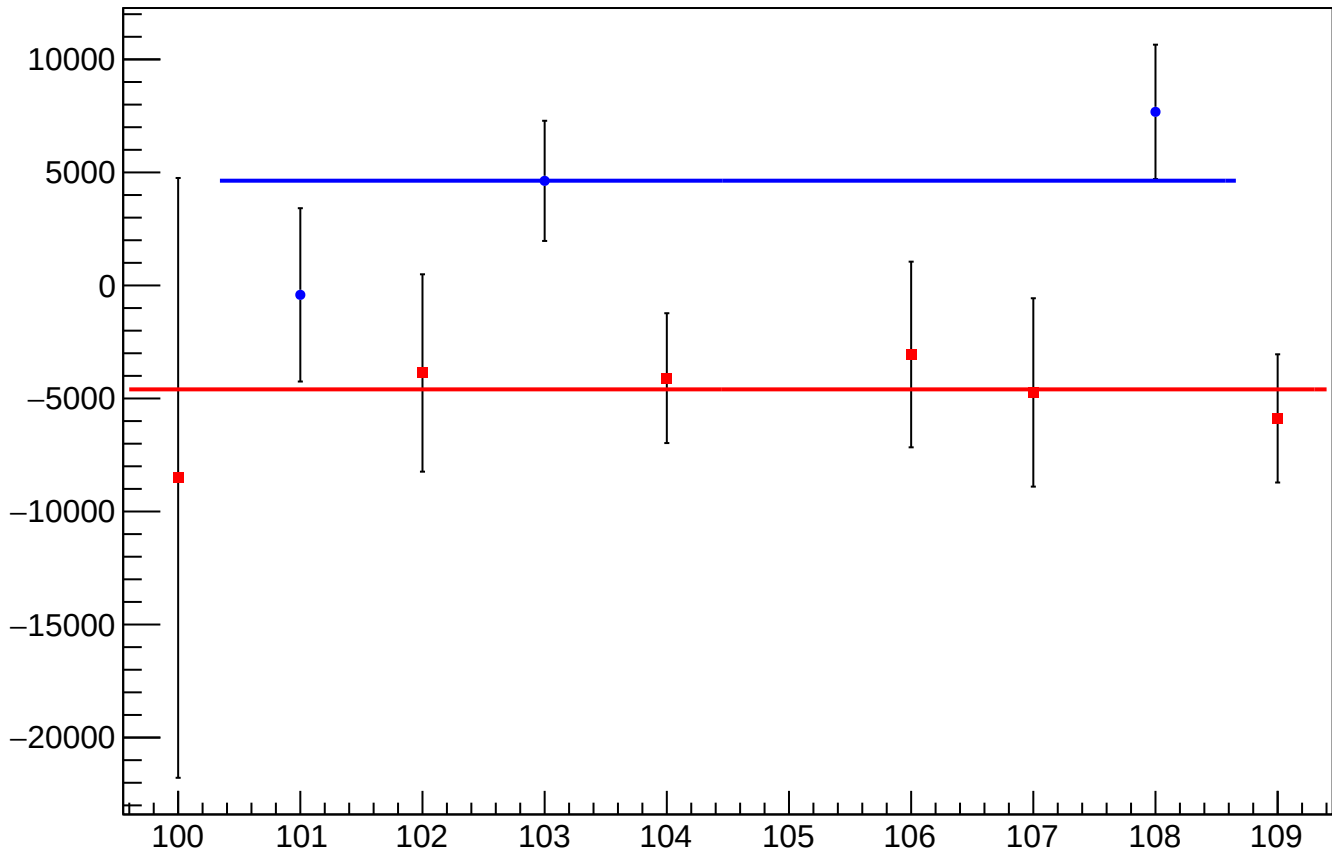
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 7423.654 +/- 2.727 χ^2/NDF : 378013.3/8

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 4633.985+/-1760.234 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4597.152+/-1541.915 χ^2/NDF : 0.5/5

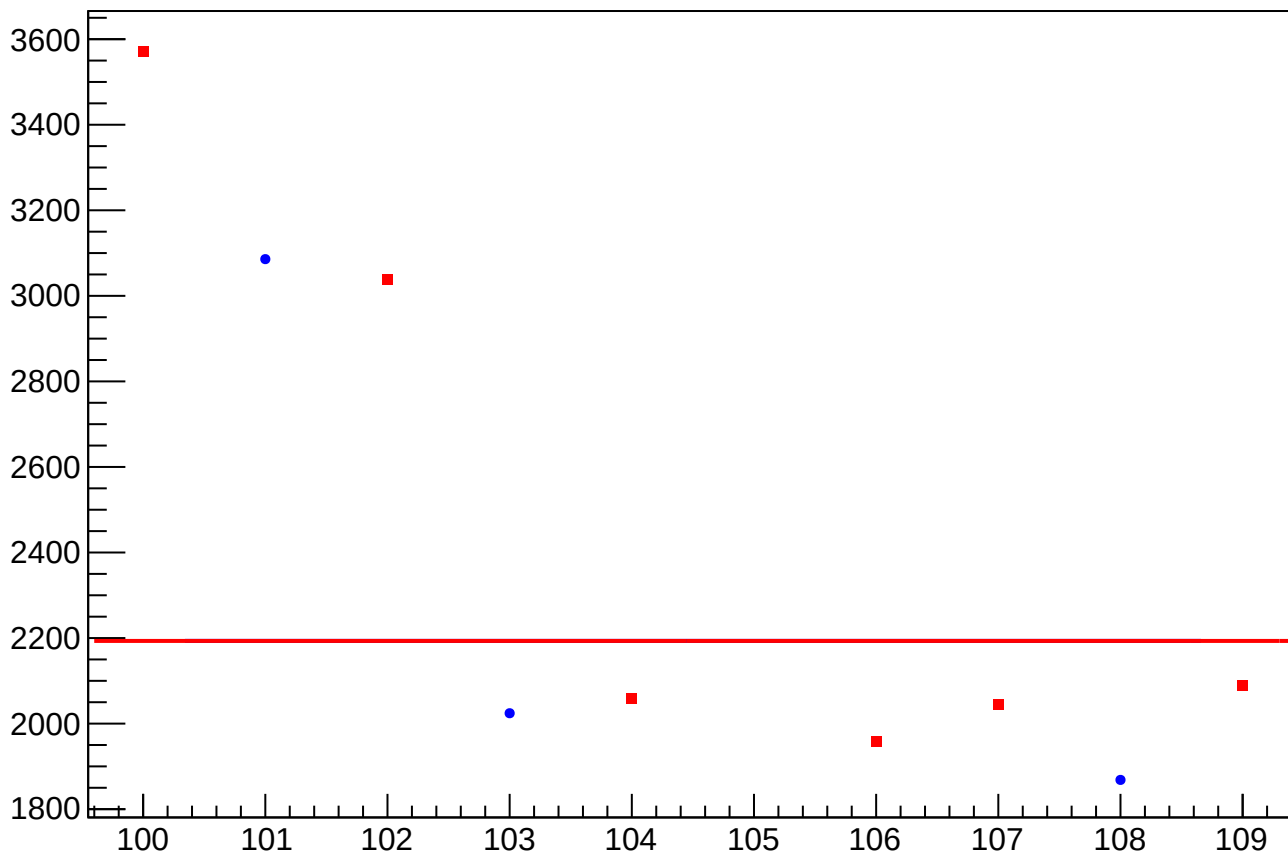
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -589.238+/-1159.851 χ^2/NDF : 18.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2193.394+/-1.245 χ^2/NDF : 140373.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2193.293+/-1.088 χ^2/NDF : 113057.2/5

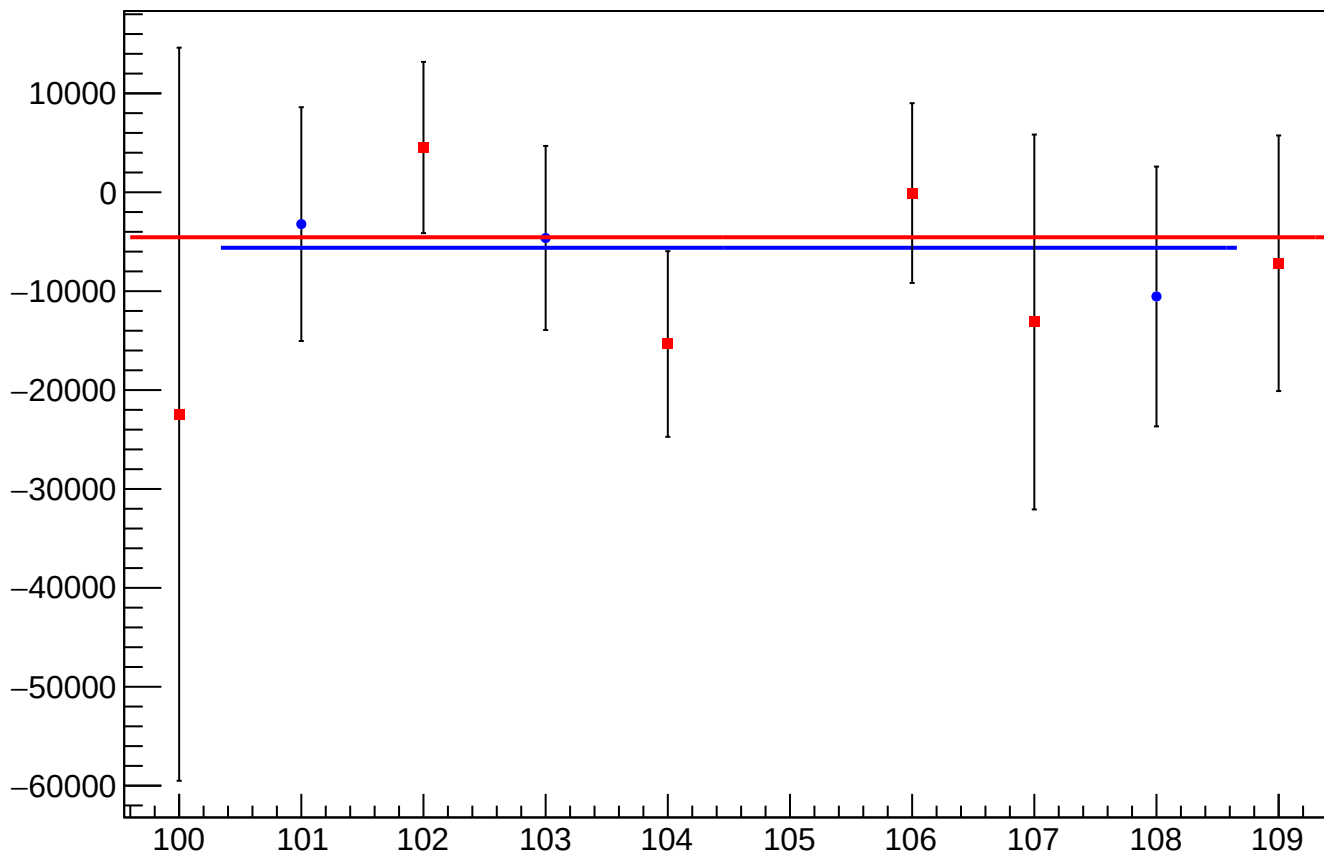
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.337+/-0.819 χ^2/NDF : 253430.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug



Right In: -5611.433+/-6388.837 χ^2 /NDF: 0.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4547.952+/-4647.448 χ^2 /NDF: 3.1/5

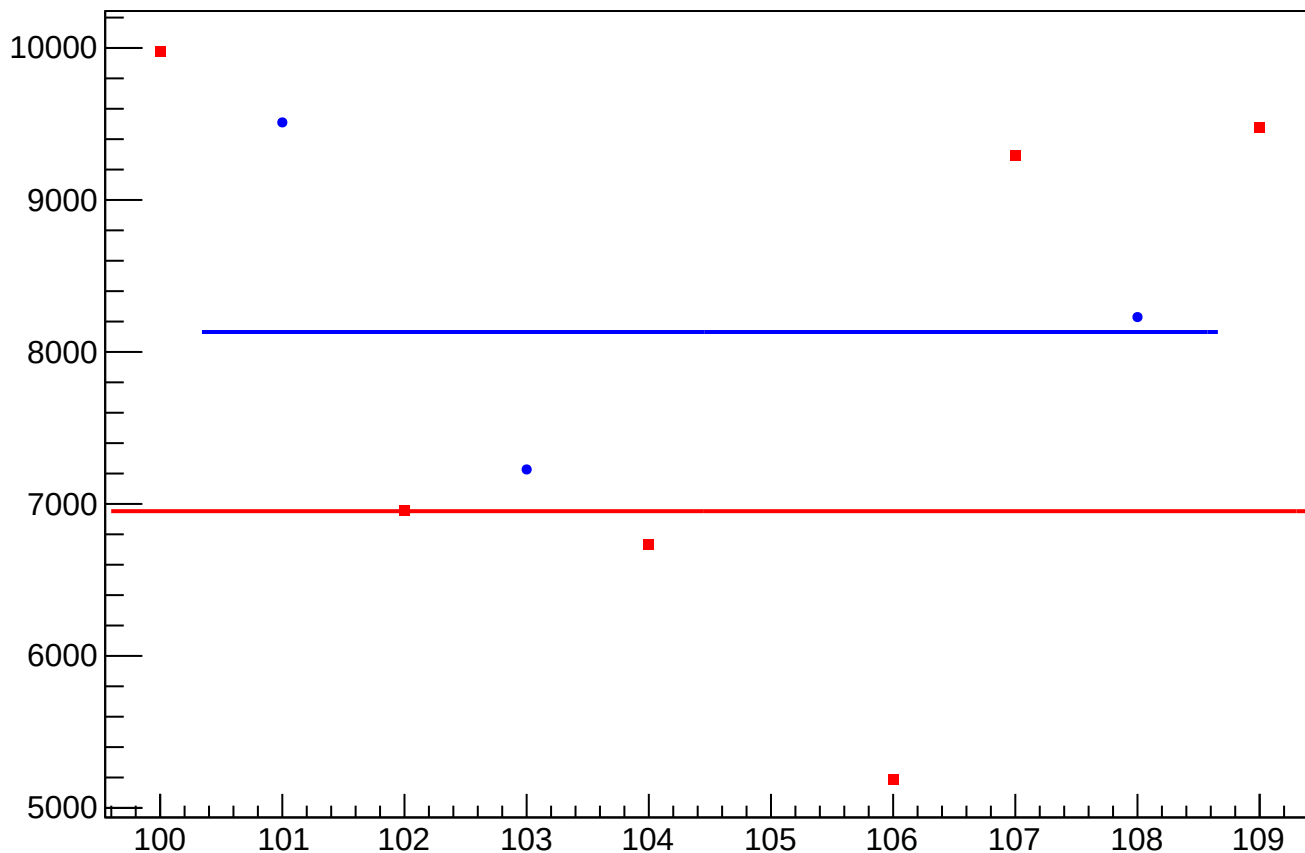
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4915.964+/-3758.273 χ^2 /NDF: 3.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug



Right In: 8131.218 $\pm$ 4.518 χ^2 /NDF: 46220.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6952.295 $\pm$ 3.286 χ^2 /NDF: 196622.5/5

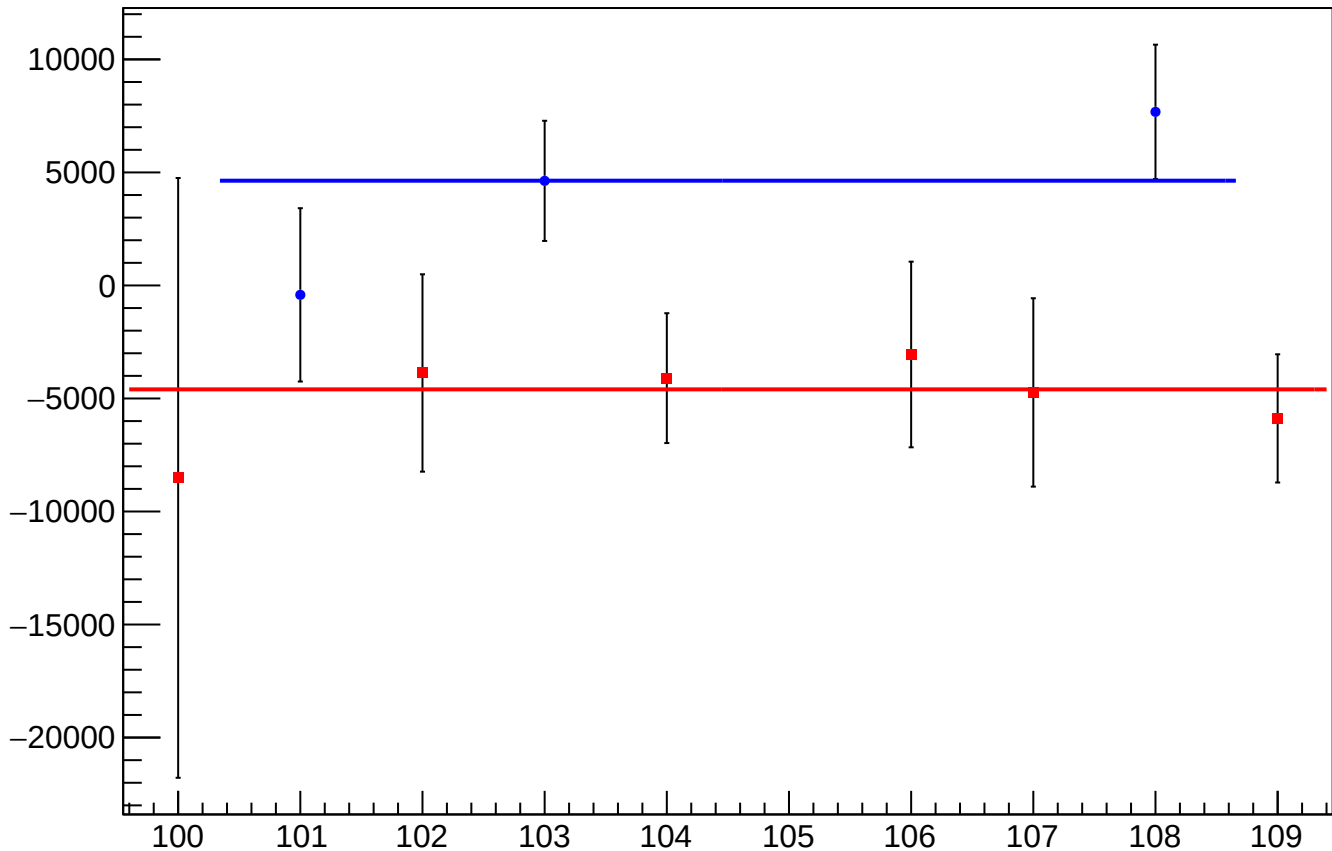
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7360.256 $\pm$ 2.658 χ^2 /NDF: 287377.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 4633.982 $\pm$ 1760.234 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4597.143 $\pm$ 1541.914 χ^2 /NDF: 0.5/5

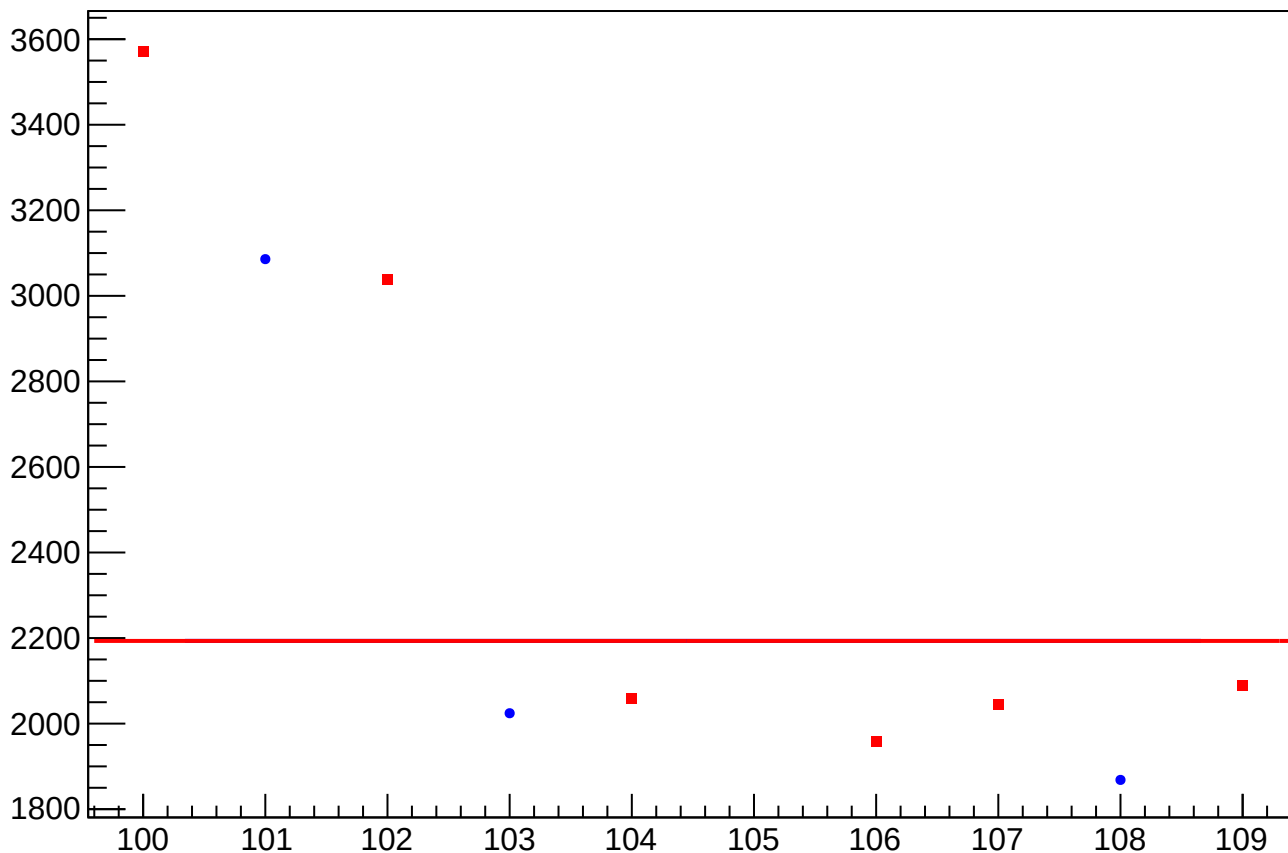
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -589.235 $\pm$ 1159.850 χ^2 /NDF: 18.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2193.394+/-1.245 χ^2/NDF : 140373.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2193.293+/-1.088 χ^2/NDF : 113057.0/5

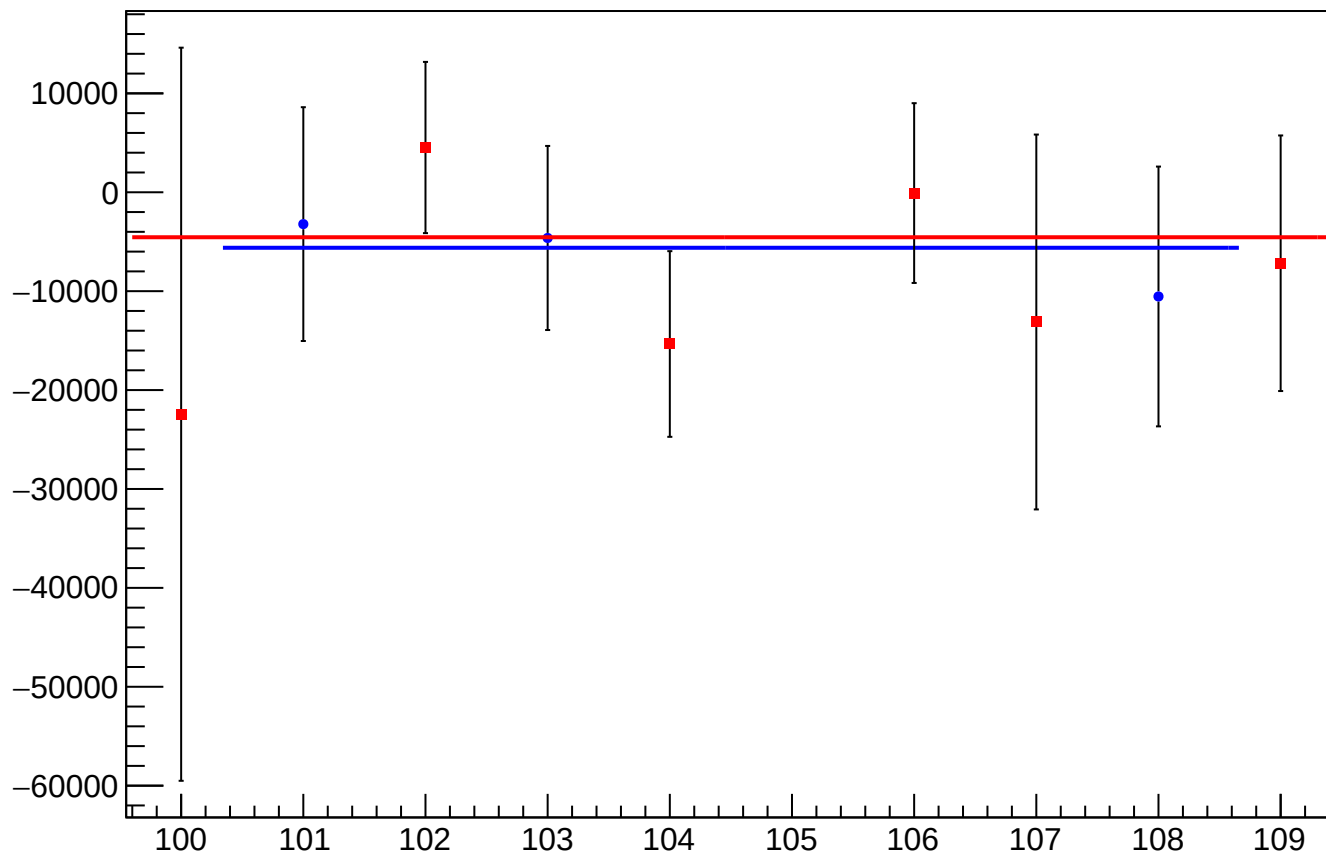
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.336+/-0.819 χ^2/NDF : 253430.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -5611.437+/-6388.830 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4547.955+/-4647.441 χ^2/NDF : 3.1/5

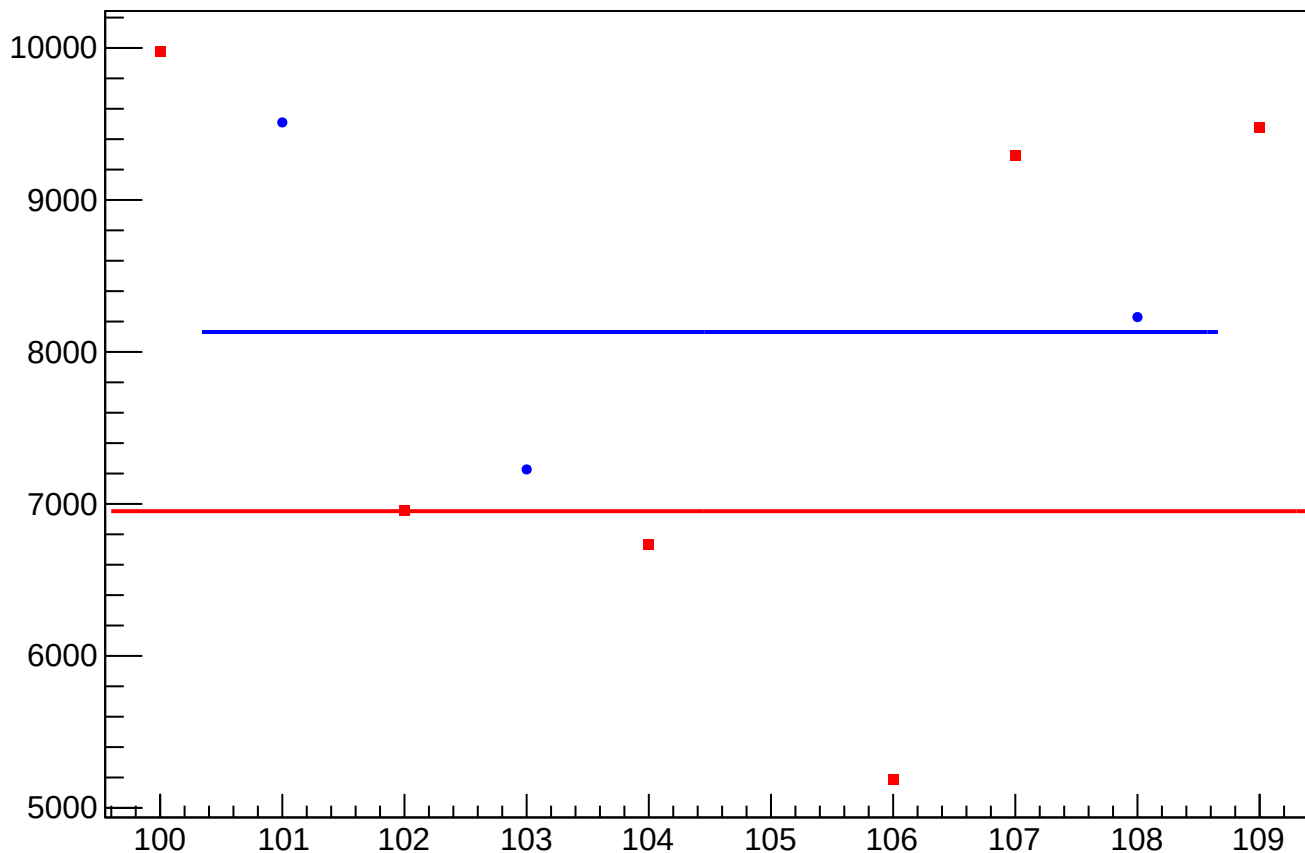
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4915.968+/-3758.268 χ^2/NDF : 3.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 8131.211+/-4.518 χ^2/NDF : 46219.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6952.286+/-3.286 χ^2/NDF : 196622.2/5

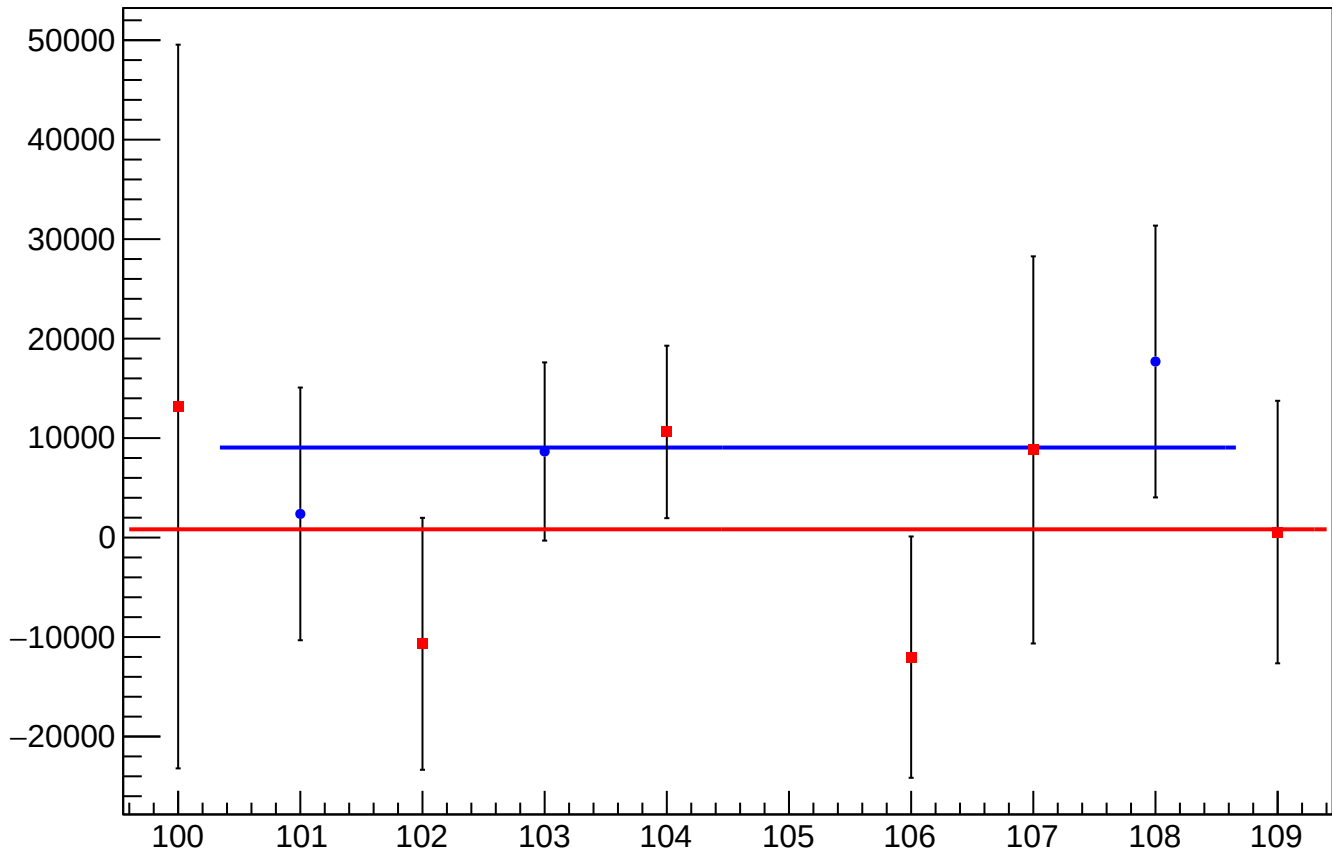
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7360.247+/-2.657 χ^2/NDF : 287377.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 9051.145 $\pm$ 6452.090 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 829.717 $\pm$ 5308.909 χ^2 /NDF: 3.5/5

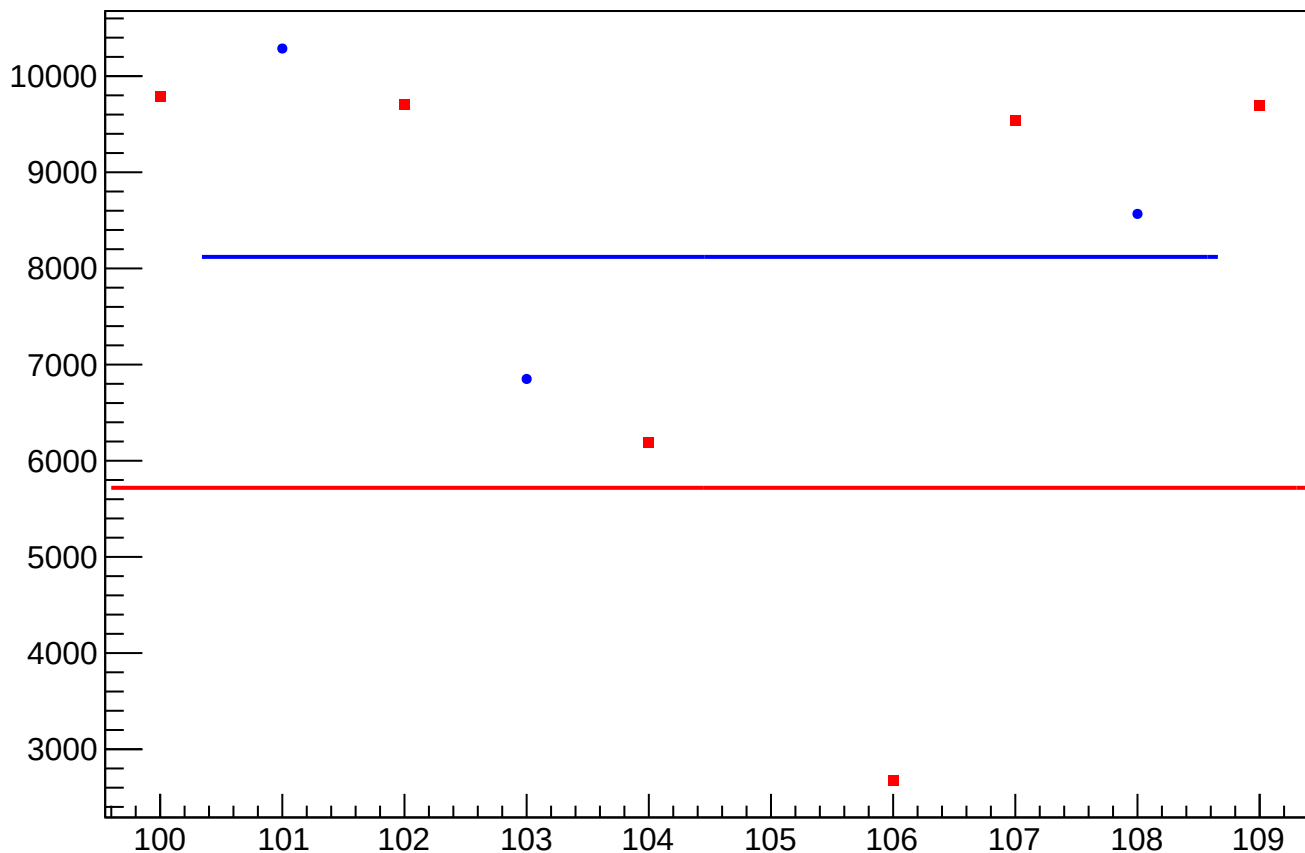
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4148.779 $\pm$ 4099.534 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 8120.076+/-4.562 χ^2/NDF : 100527.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5718.634+/-3.139 χ^2/NDF : 896959.3/5

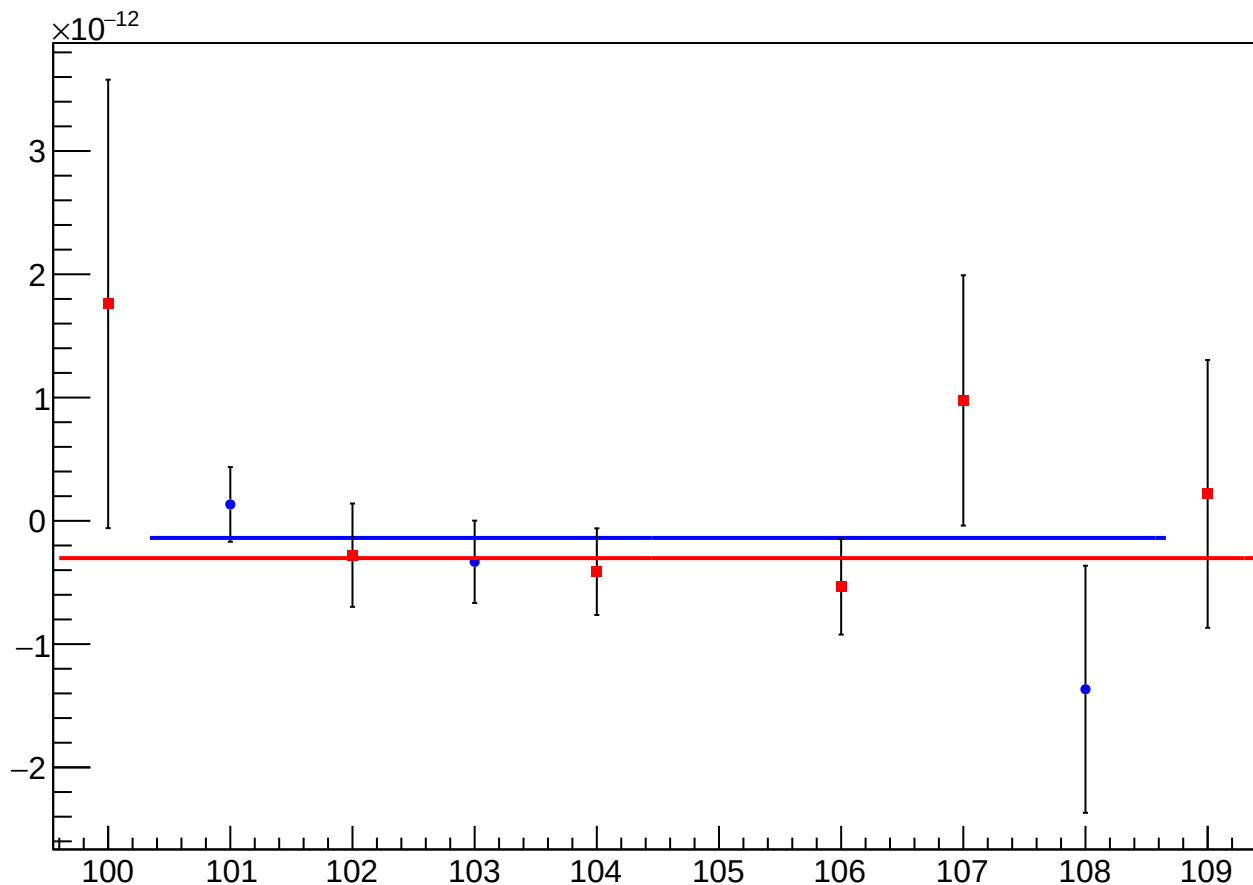
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6490.121+/-2.586 χ^2/NDF : 1185555.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.6/5

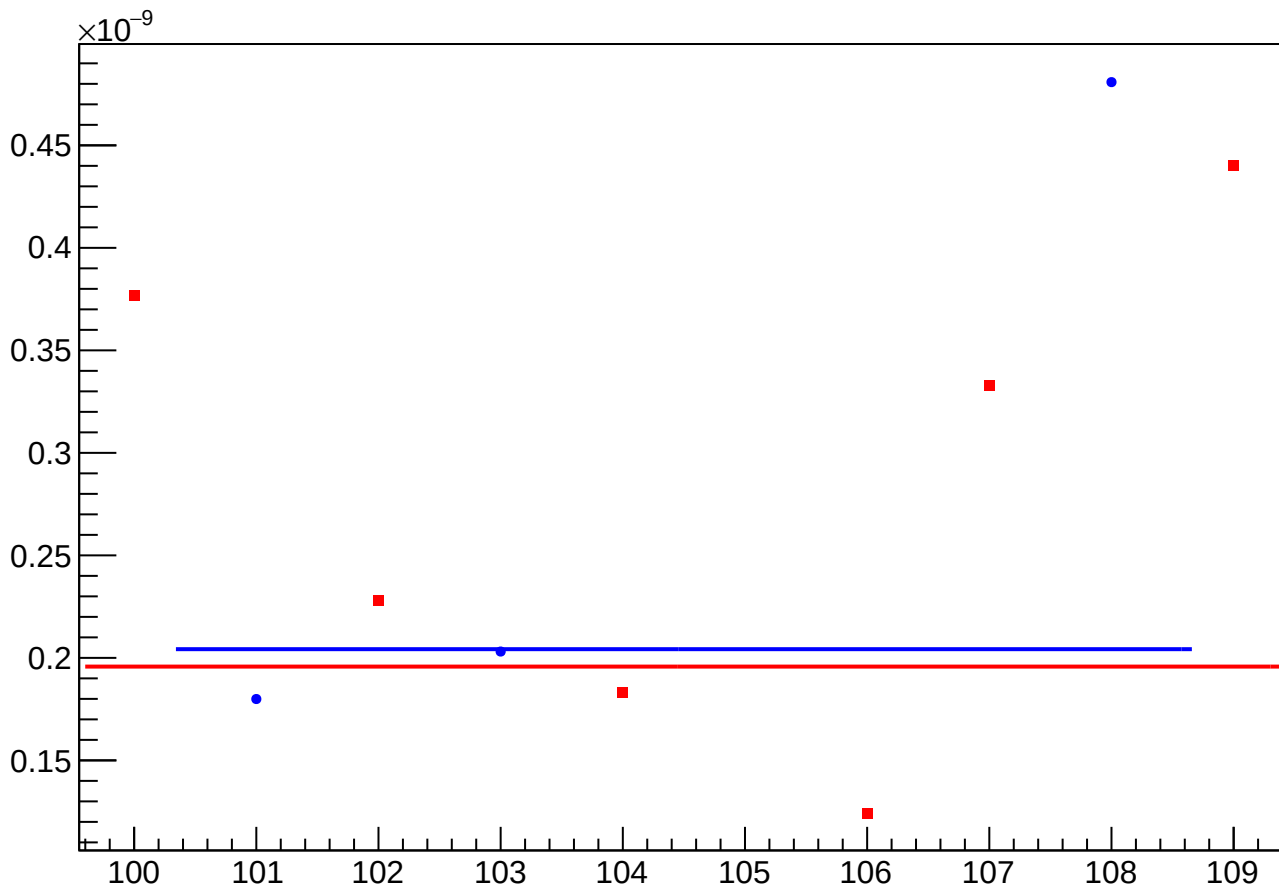
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 165252.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 240209.3/5

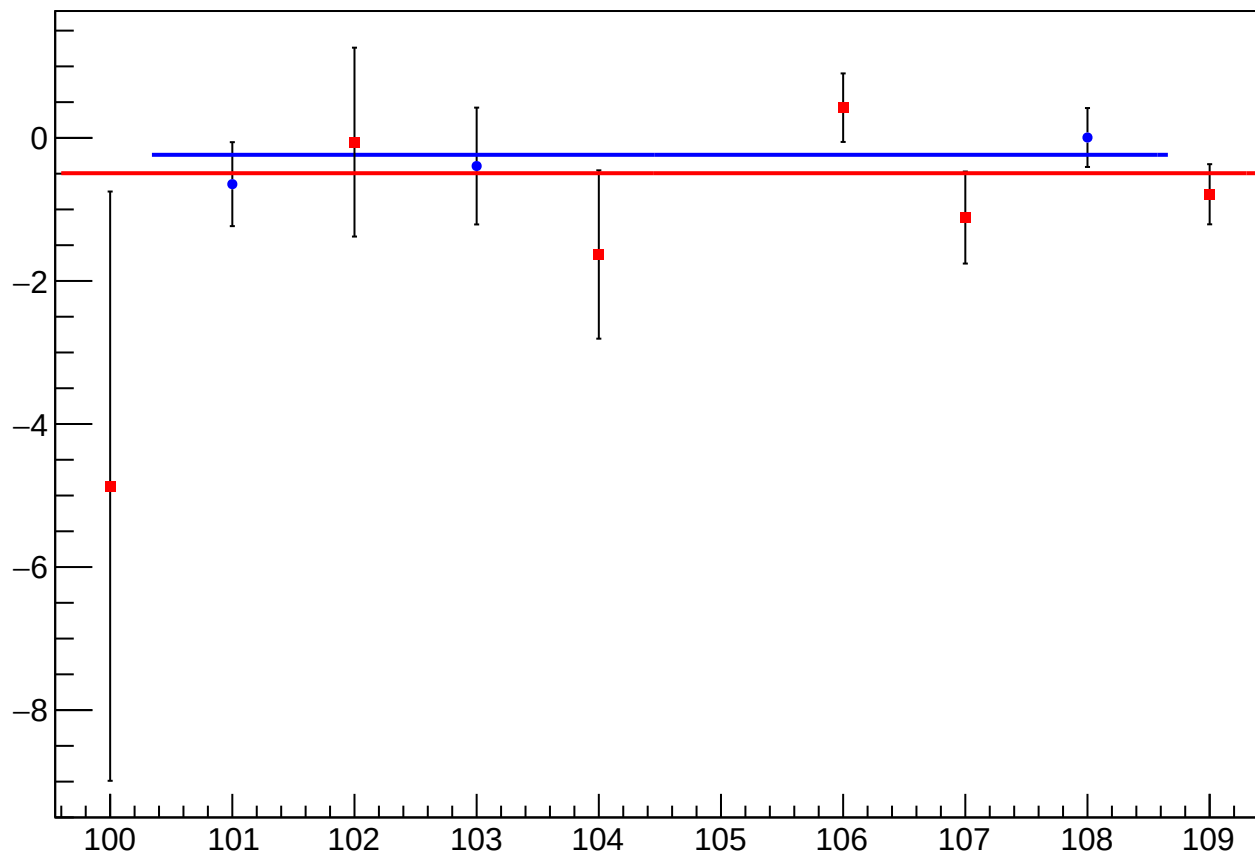
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 407027.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.236 $\pm$ 0.312 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.494 $\pm$ 0.269 χ^2 /NDF: 7.2/5

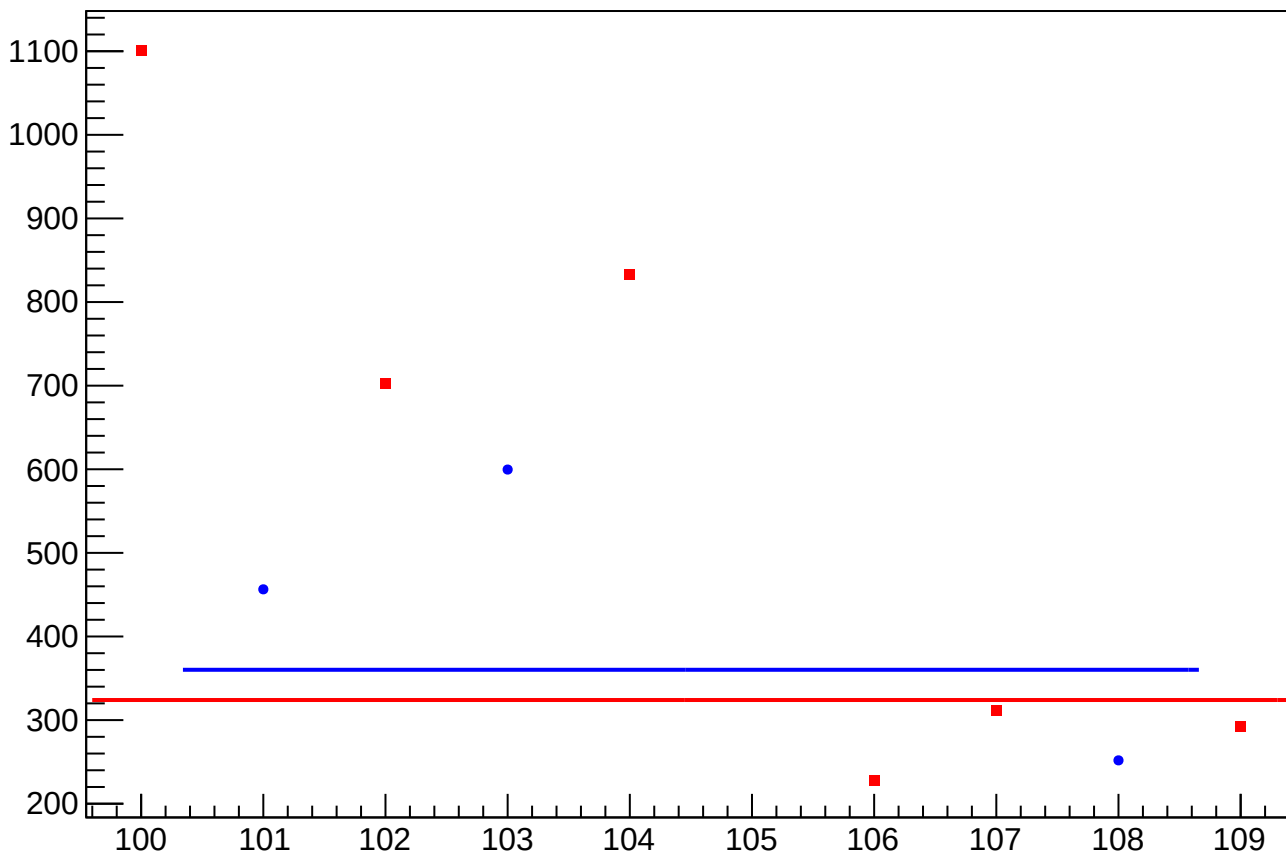
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.384 $\pm$ 0.204 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 360.178 ± 0.220 $\chi^2/\text{NDF}: 364049.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 324.023 ± 0.190 $\chi^2/\text{NDF}: 702885.3/5$

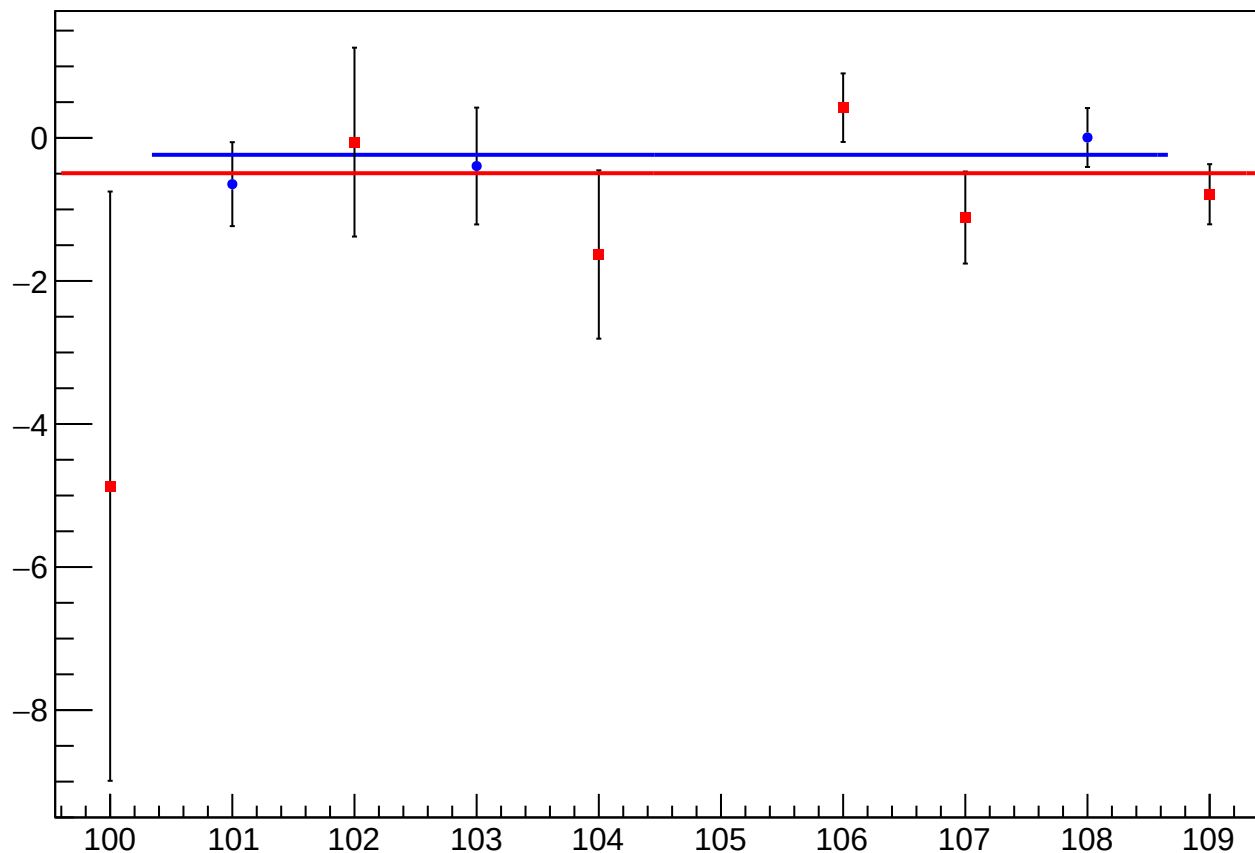
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 339.480 ± 0.144 $\chi^2/\text{NDF}: 1082342.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.236 $\pm$ 0.312 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.494 $\pm$ 0.269 χ^2 /NDF: 7.2/5

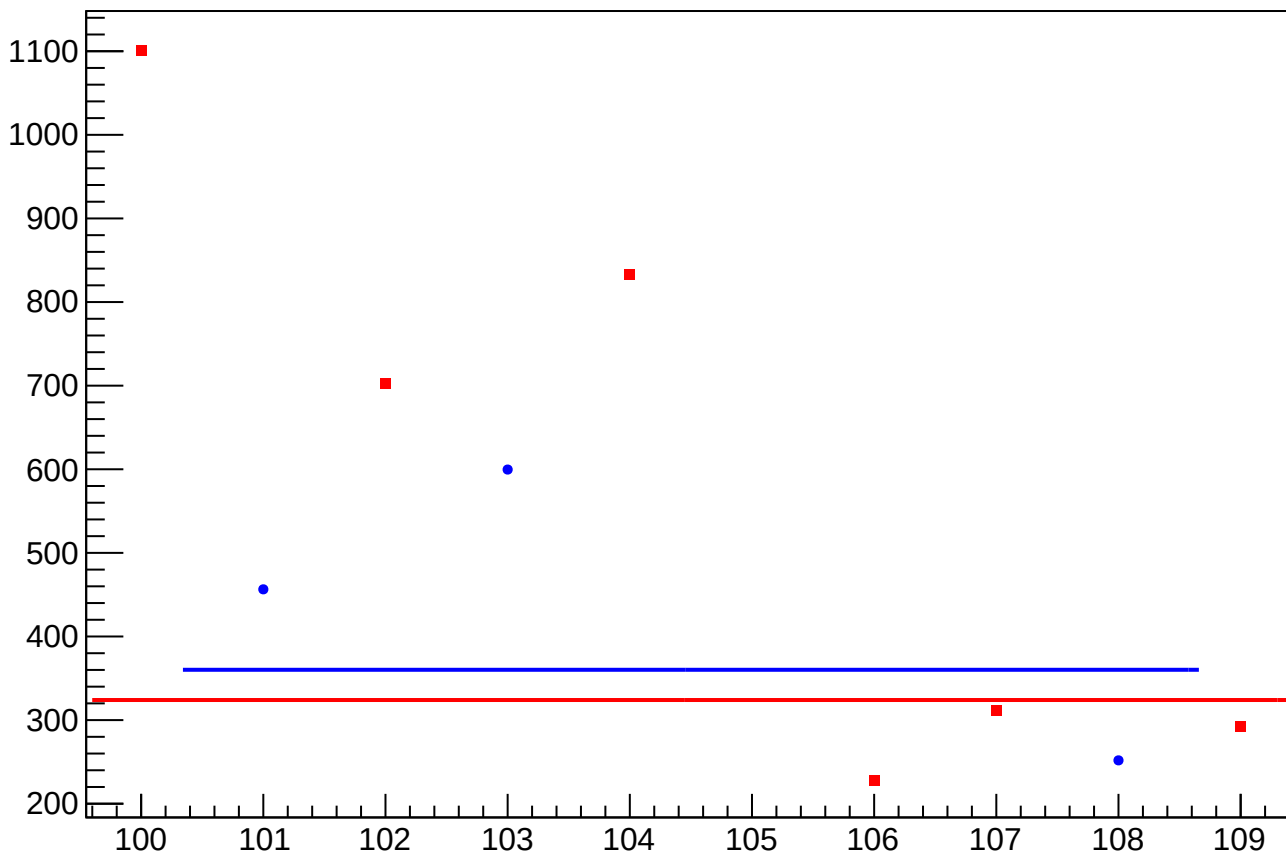
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.384 $\pm$ 0.204 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 360.178 ± 0.220 $\chi^2/\text{NDF}: 364049.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 324.023 ± 0.190 $\chi^2/\text{NDF}: 702885.3/5$

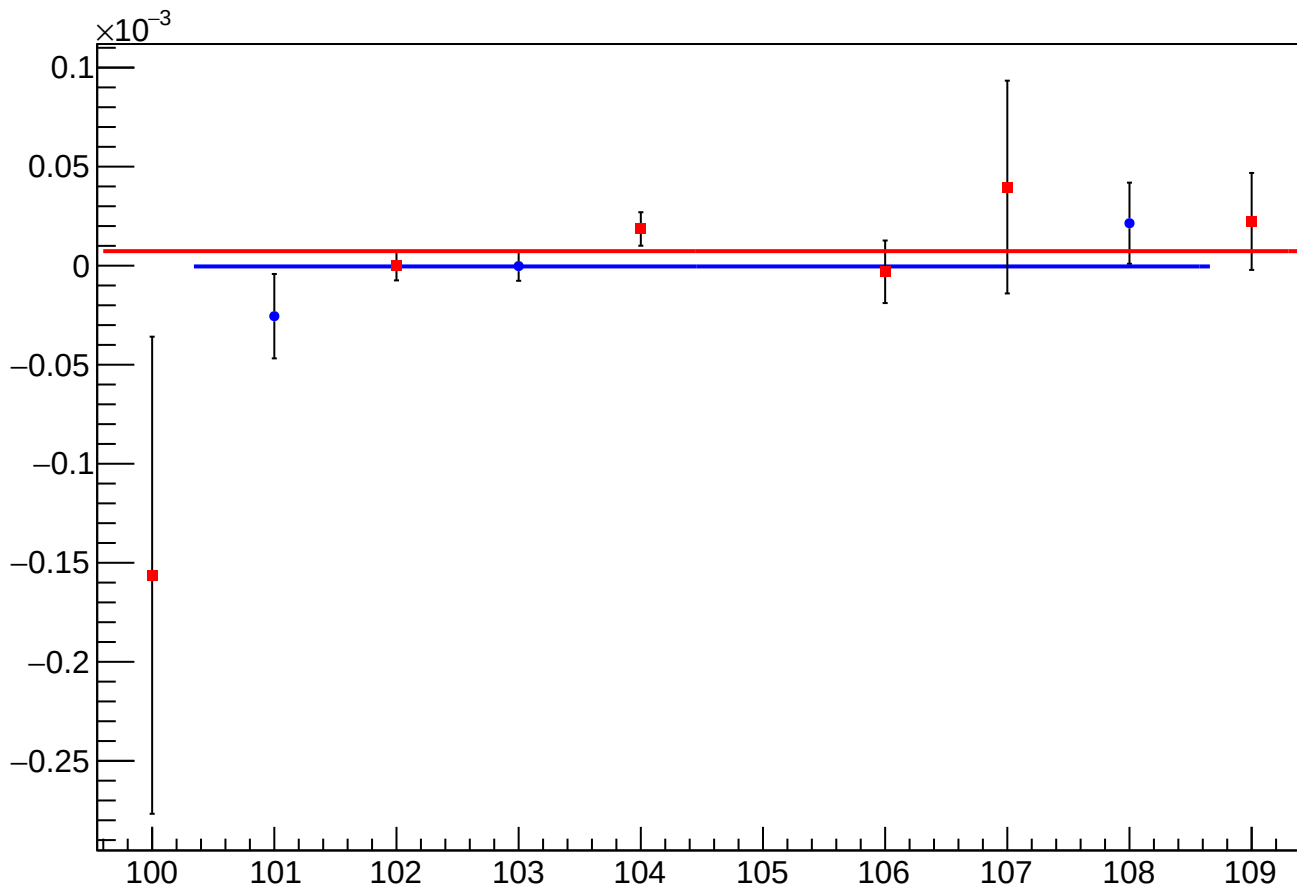
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 339.480 ± 0.144 $\chi^2/\text{NDF}: 1082342.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.8/5

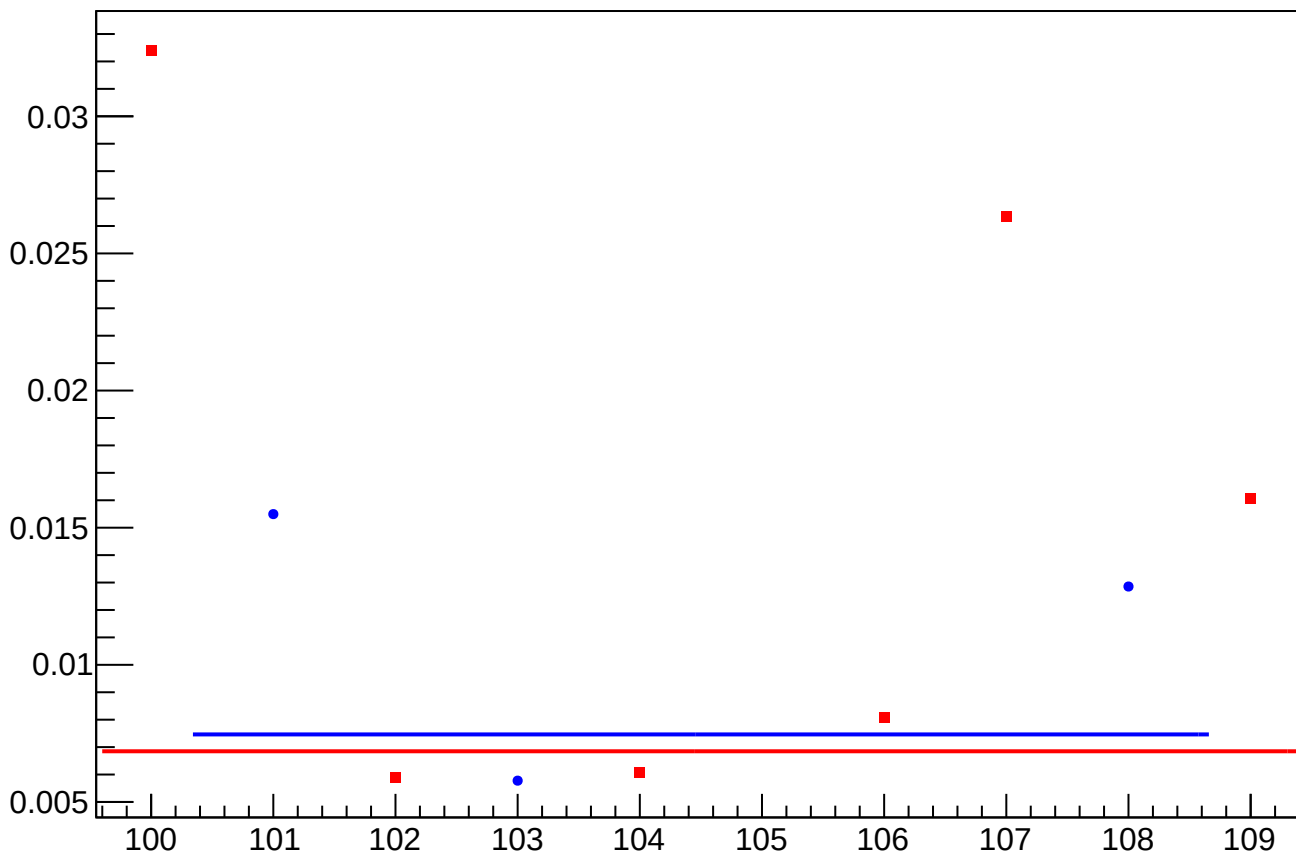
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 525865.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 699347.2/5

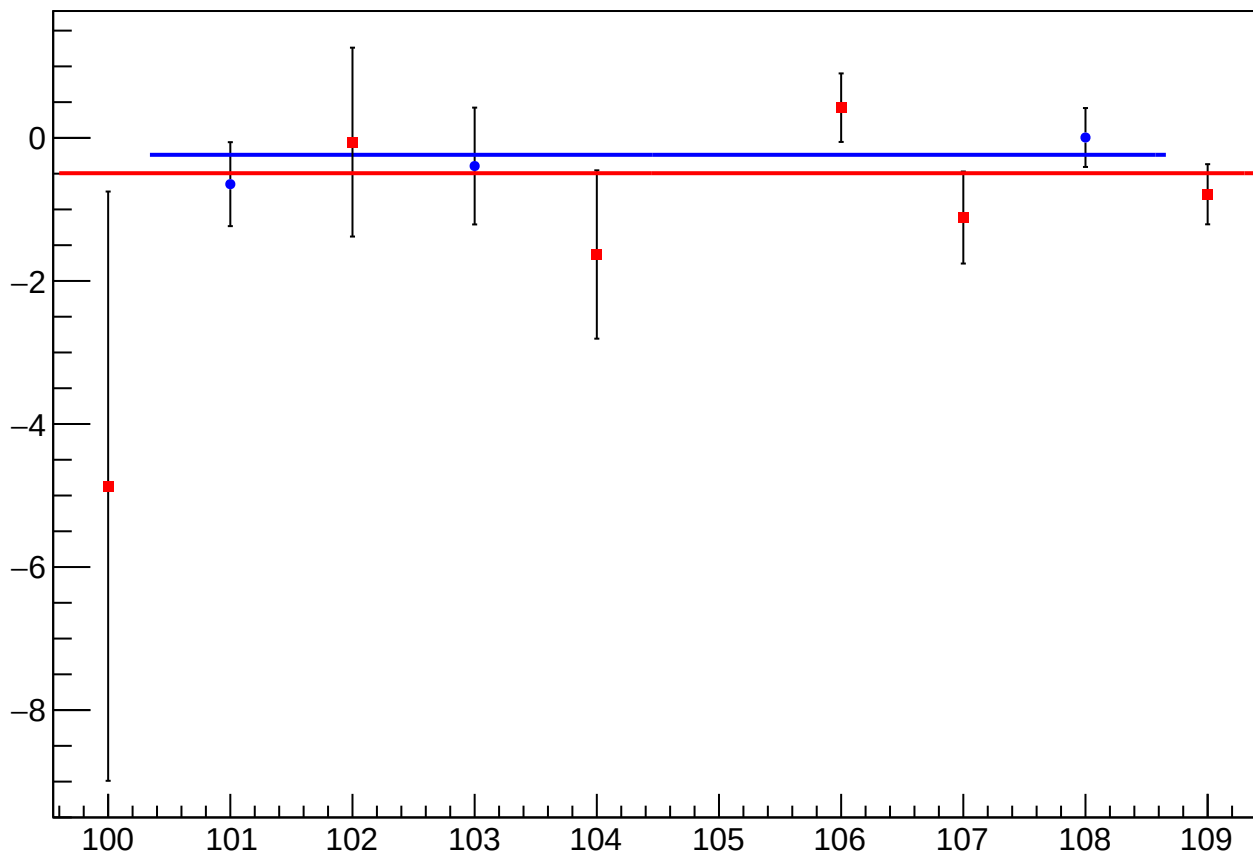
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 1236033.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.236 ± 0.312 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.494 ± 0.269 χ^2/NDF : 7.2/5

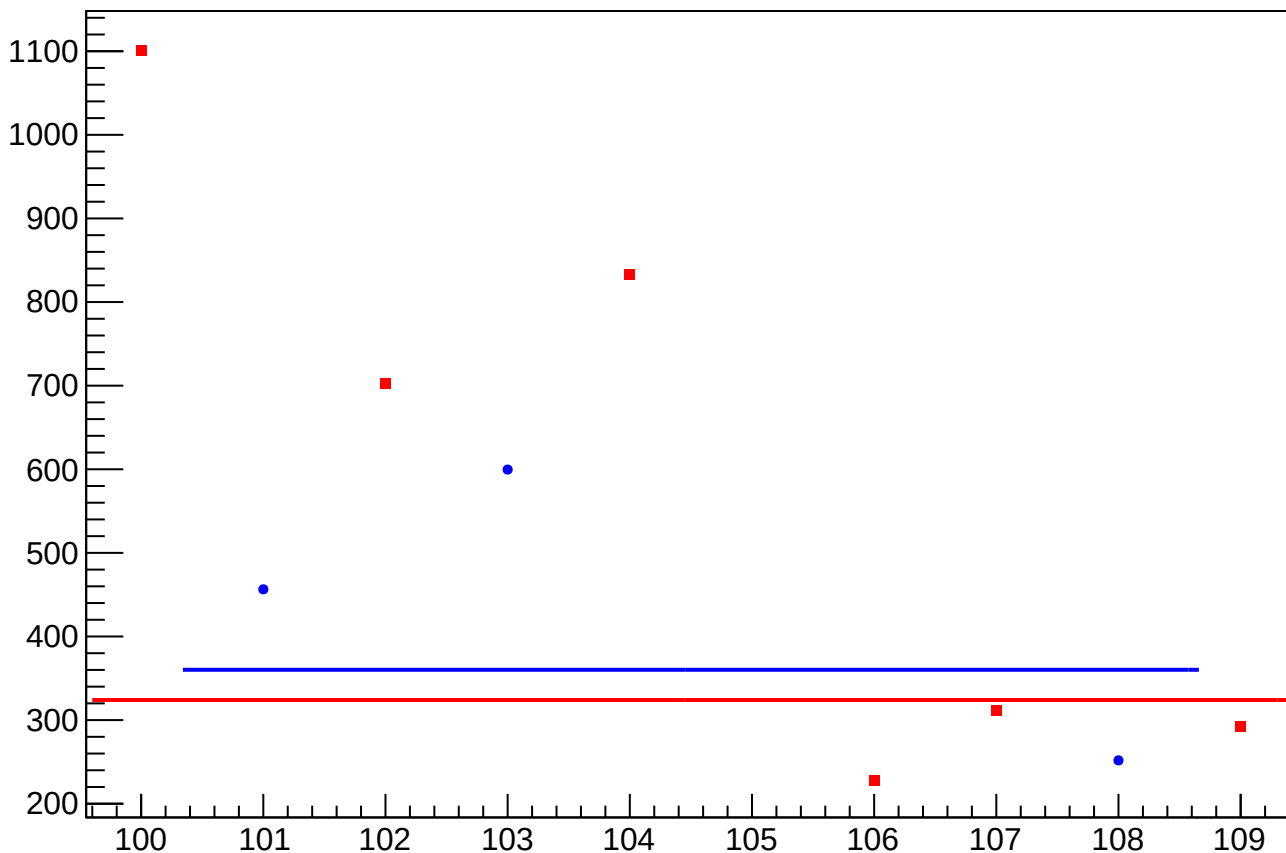
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.384 ± 0.204 χ^2/NDF : 8.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 360.182 ± 0.220 $\chi^2/\text{NDF}: 364025.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 324.023 ± 0.190 $\chi^2/\text{NDF}: 702879.8/5$

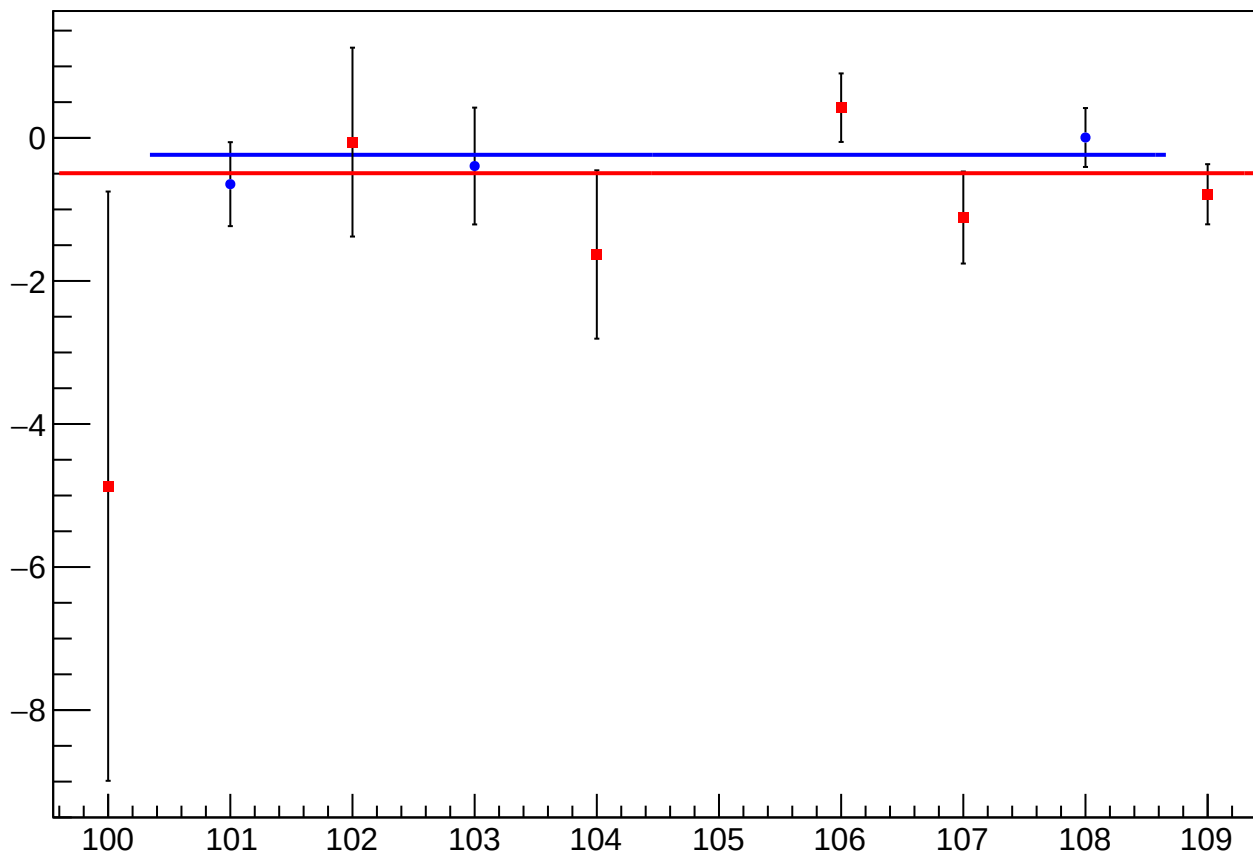
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 339.482 ± 0.144 $\chi^2/\text{NDF}: 1082316.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.236 $\pm$ 0.312 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.494 $\pm$ 0.269 χ^2 /NDF: 7.2/5

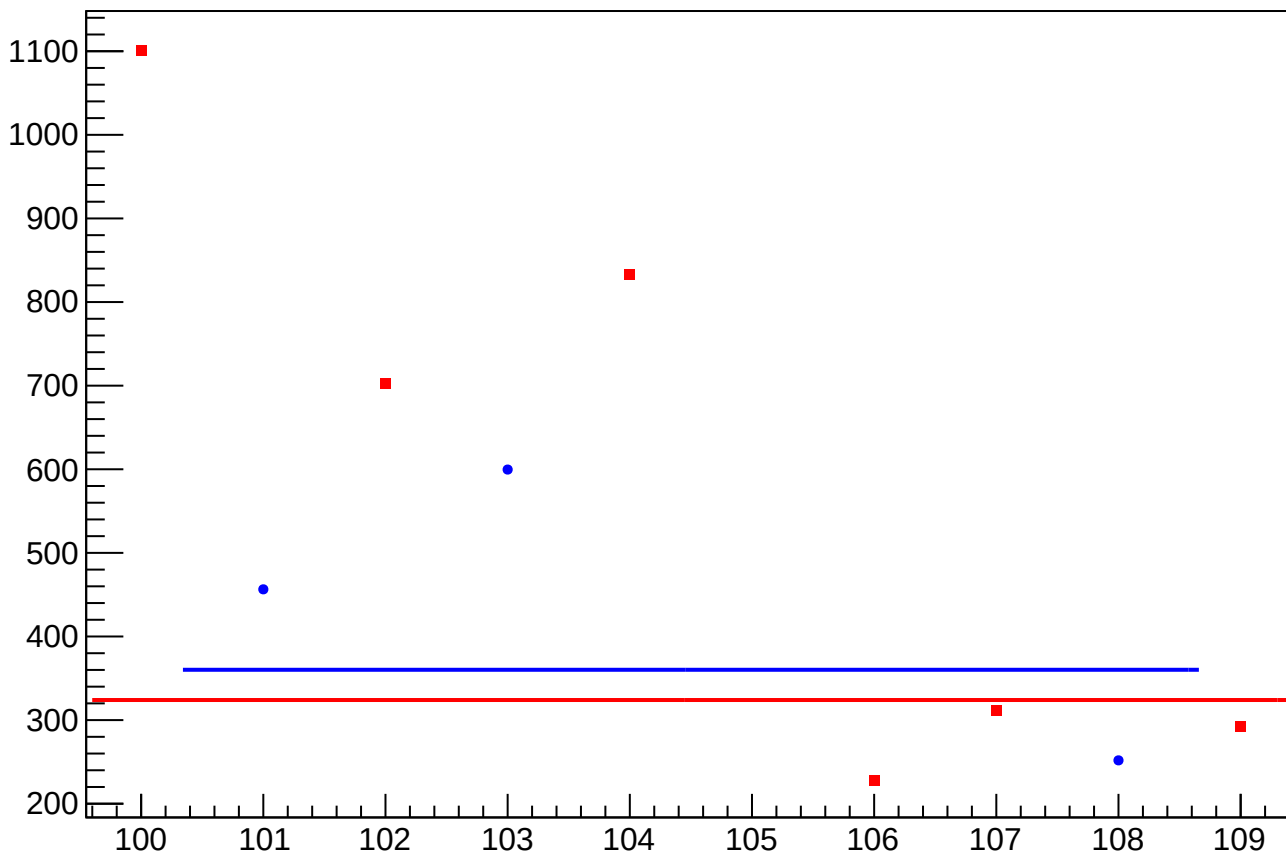
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.384 $\pm$ 0.204 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 360.182 ± 0.220 $\chi^2/\text{NDF}: 364025.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 324.023 ± 0.190 $\chi^2/\text{NDF}: 702879.8/5$

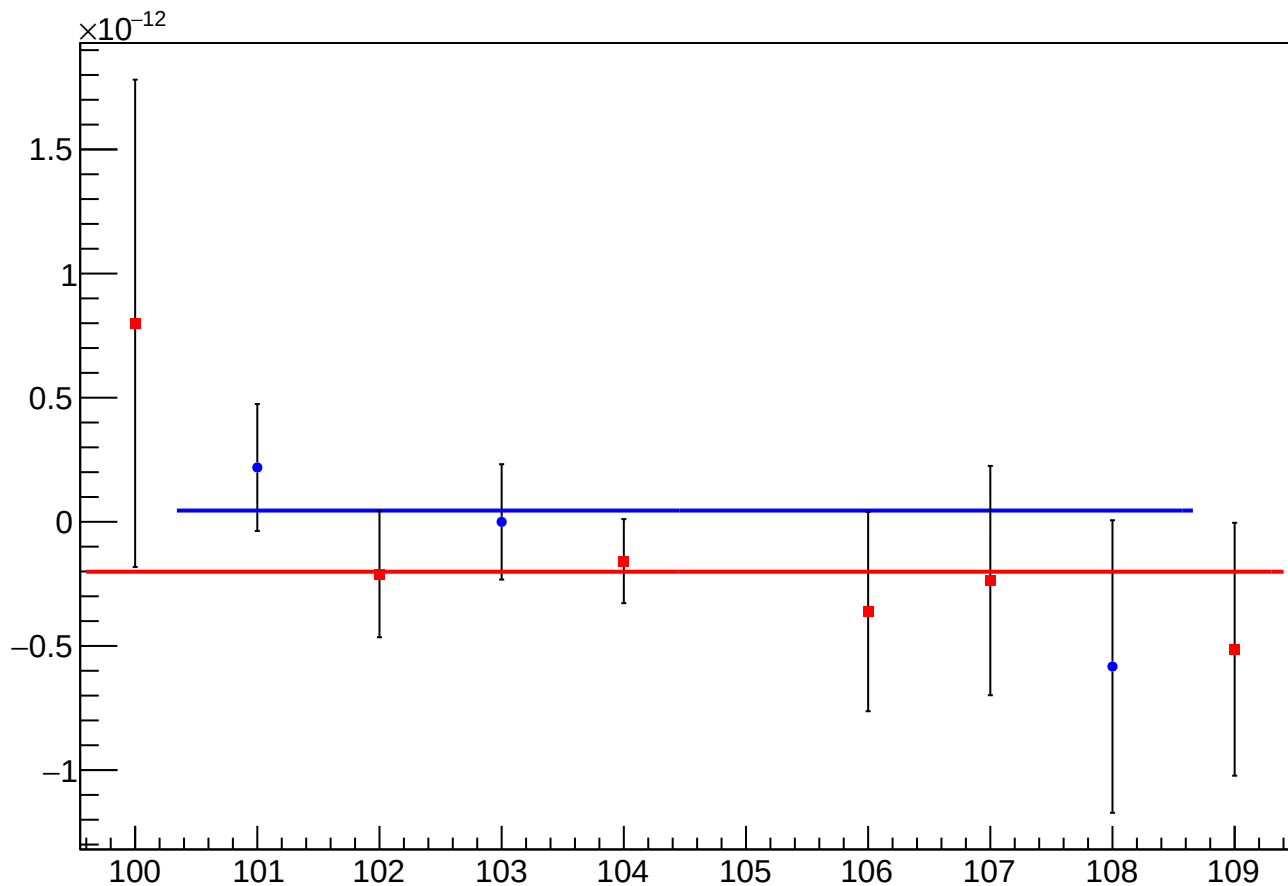
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 339.482 ± 0.144 $\chi^2/\text{NDF}: 1082316.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.6/5

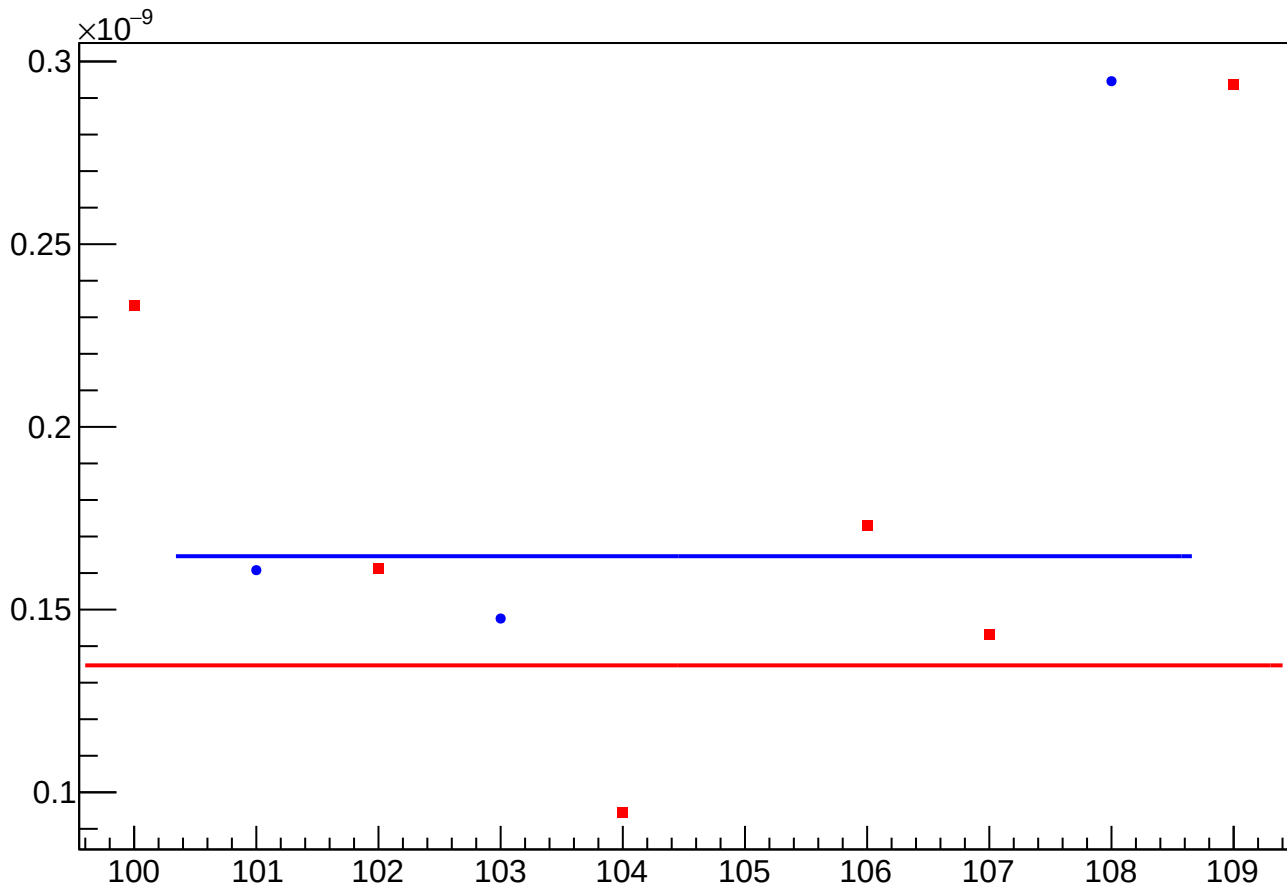
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 108579.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 368486.3/5

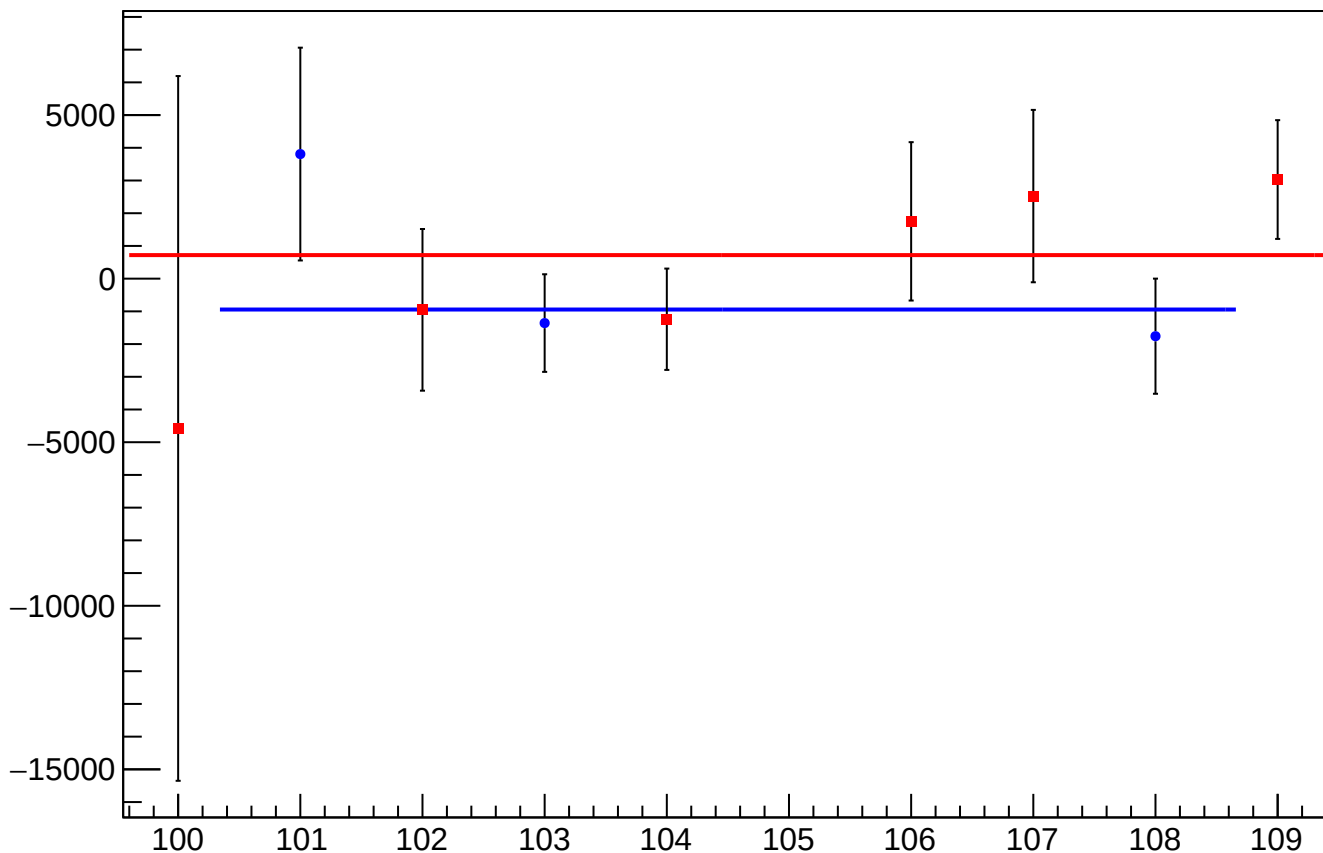
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 519211.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -943.909+/-1074.168 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.693+/-910.012 χ^2/NDF : 4.6/5

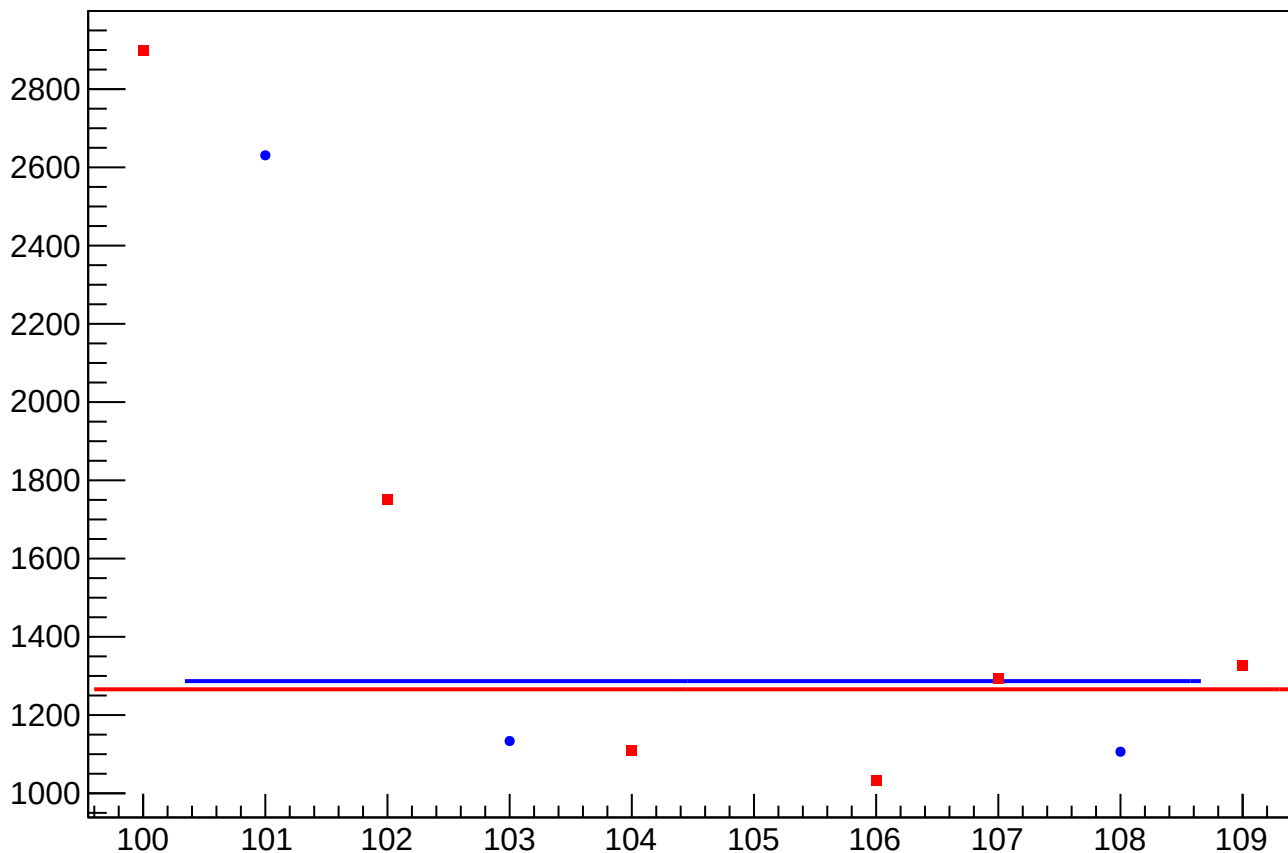
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.590+/-694.340 χ^2/NDF : 8.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1286.746 $\pm$ 0.760 χ^2 /NDF: 383668.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1265.844 $\pm$ 0.631 χ^2 /NDF: 169693.9/5

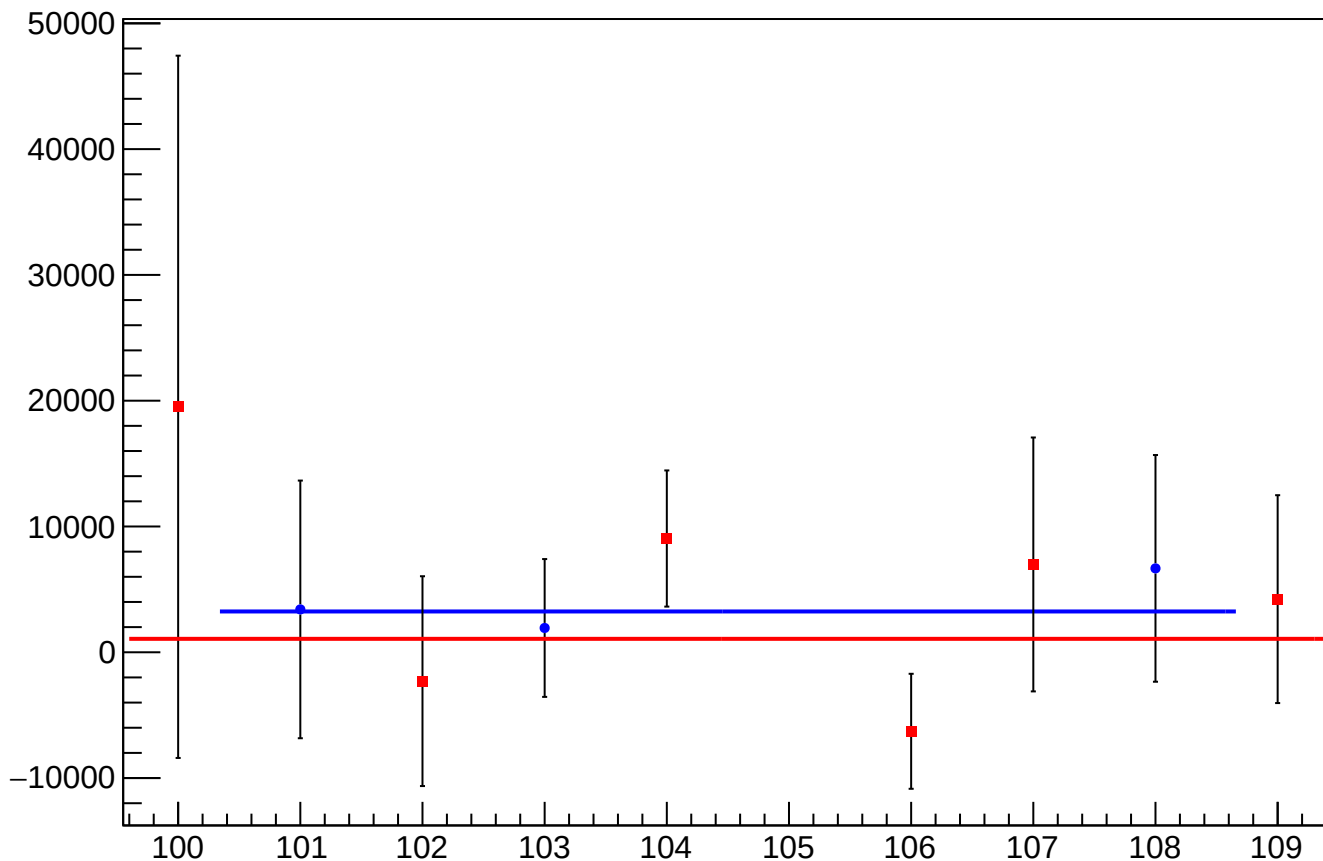
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1274.373 $\pm$ 0.485 χ^2 /NDF: 553811.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug



Right In: 3244.530+/-4257.617 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1068.463+/-2861.739 χ^2/NDF : 5.8/5

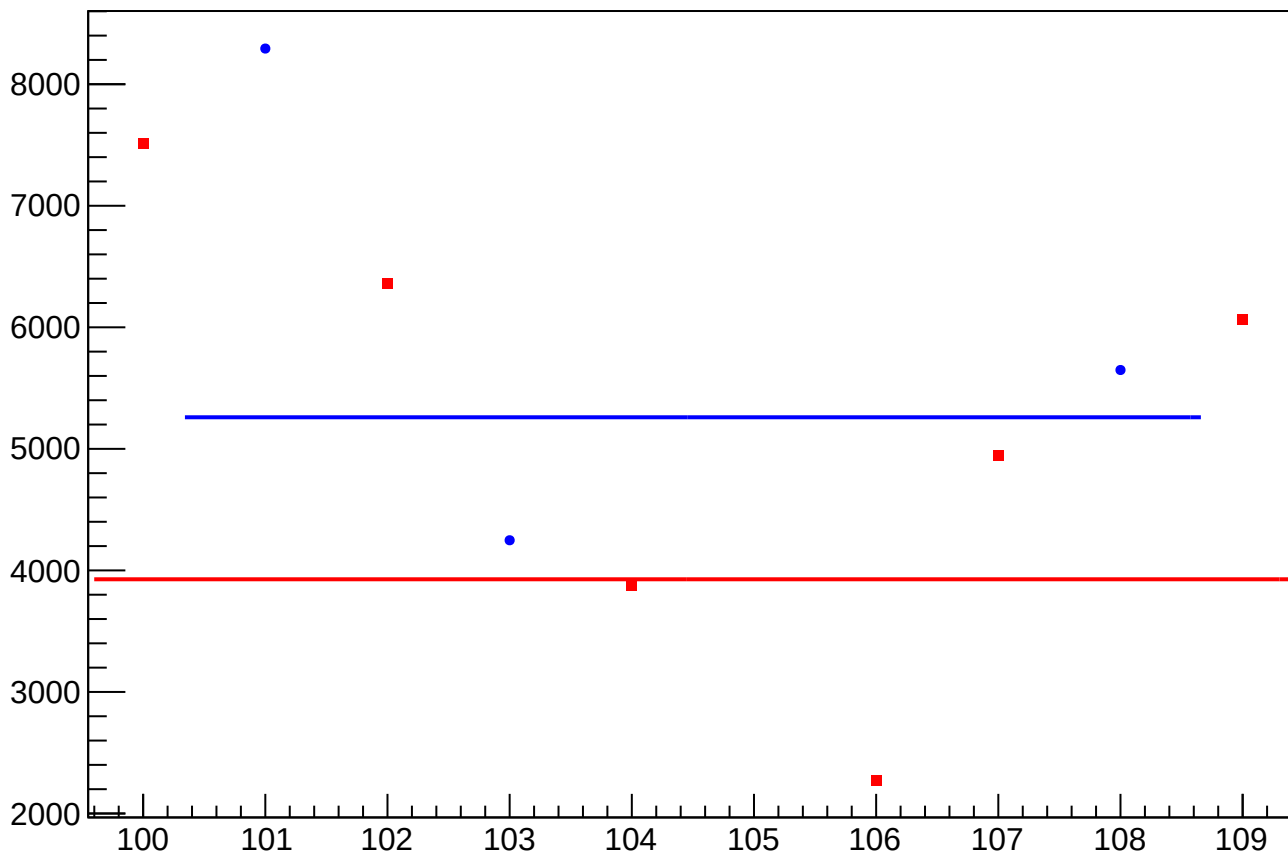
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.634+/-2375.087 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug



Right In: 5259.814 $\pm$ 3.011 χ^2 /NDF: 247398.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3926.952 $\pm$ 2.024 χ^2 /NDF: 618738.7/5

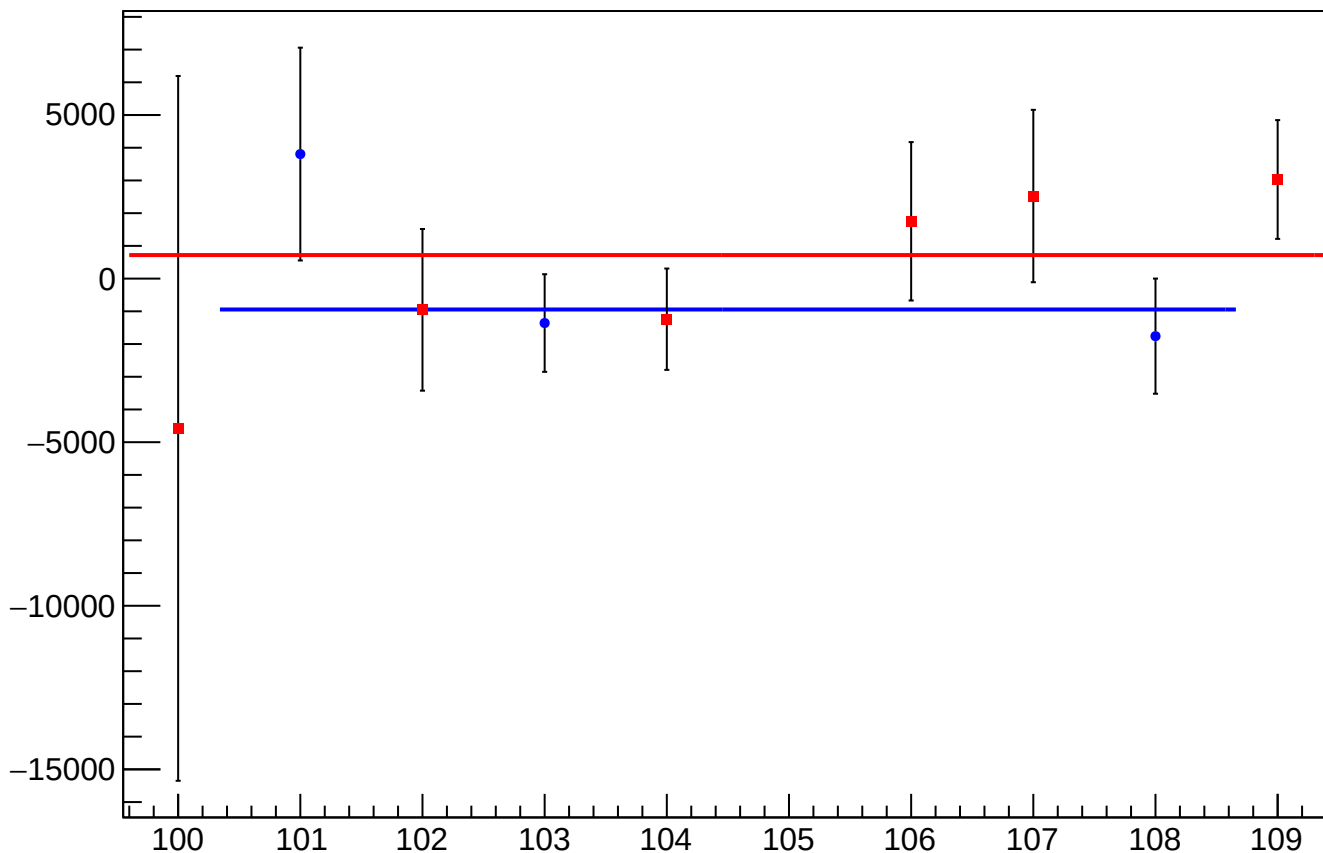
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4341.726 $\pm$ 1.679 χ^2 /NDF: 1001147.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -944.149+/-1074.169 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.495+/-910.012 χ^2/NDF : 4.6/5

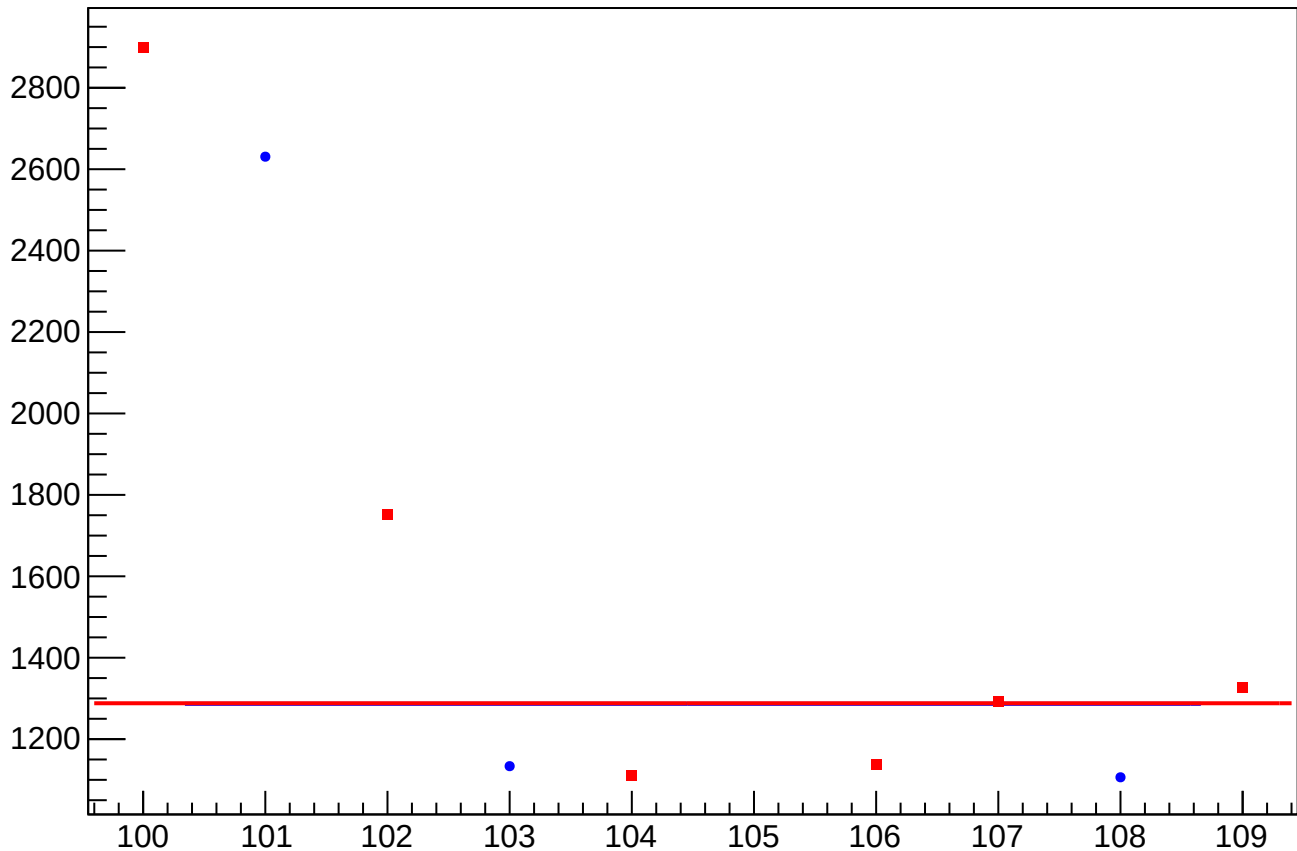
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.375+/-694.340 χ^2/NDF : 8.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1286.746+/-0.760 χ^2/NDF : 383668.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

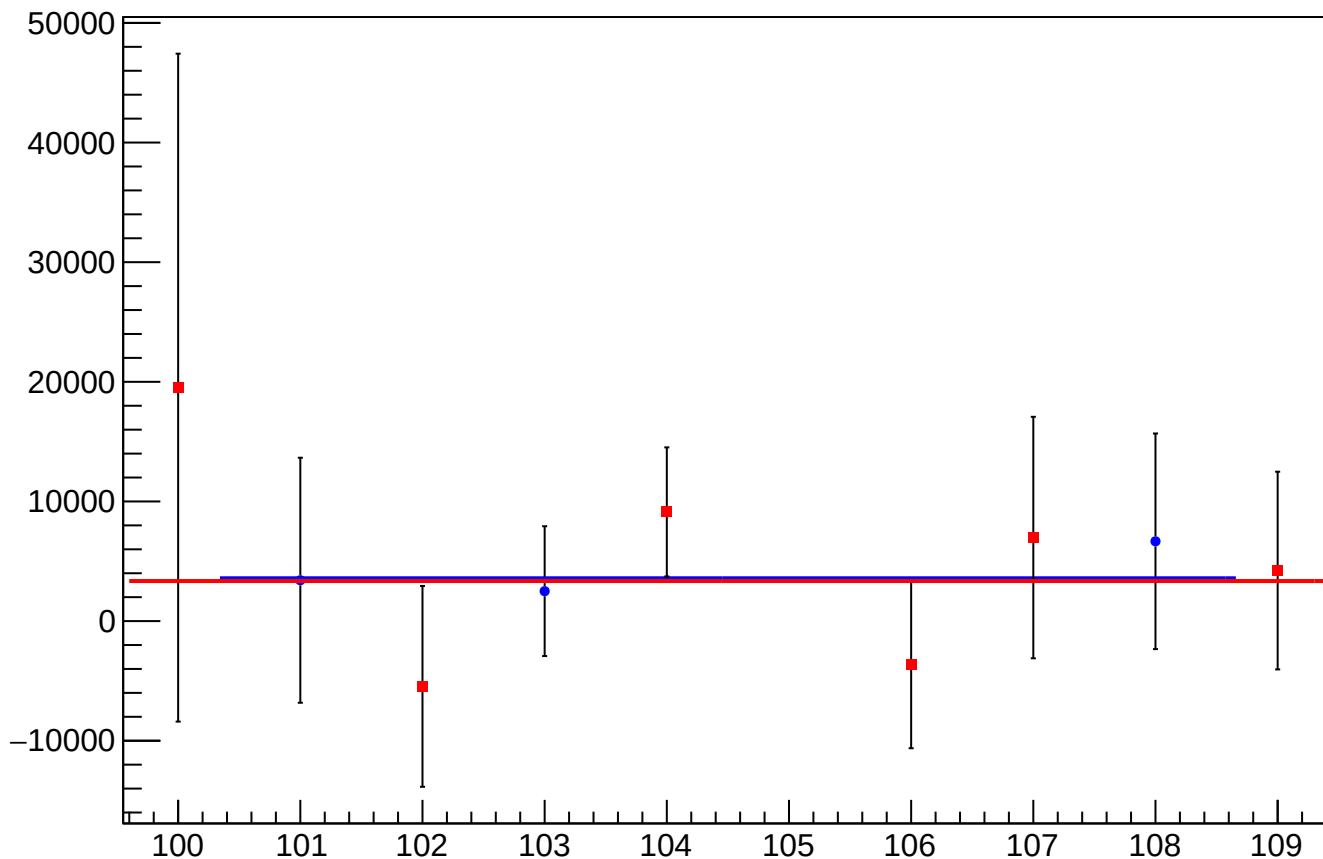
Right Out: 1288.141+/-0.639 χ^2/NDF : 150844.4/5

All: 1287.562+/-0.489 χ^2/NDF : 534515.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug



Right In: 3577.933+/-4232.854 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3349.577+/-3248.553 χ^2/NDF : 3.7/5

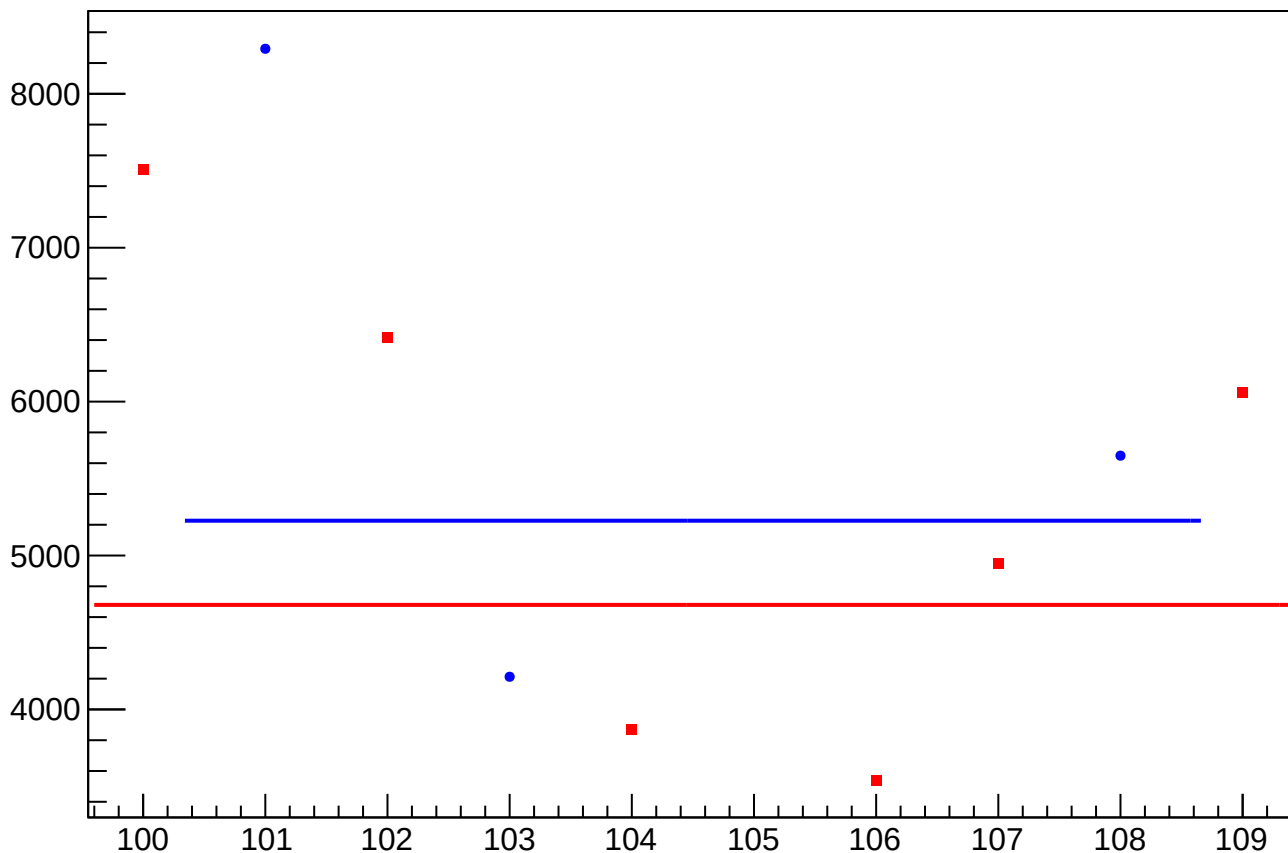
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3434.222+/-2577.083 χ^2/NDF : 3.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug



Right In: 5226.300+/-2.993 χ^2/NDF : 253535.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

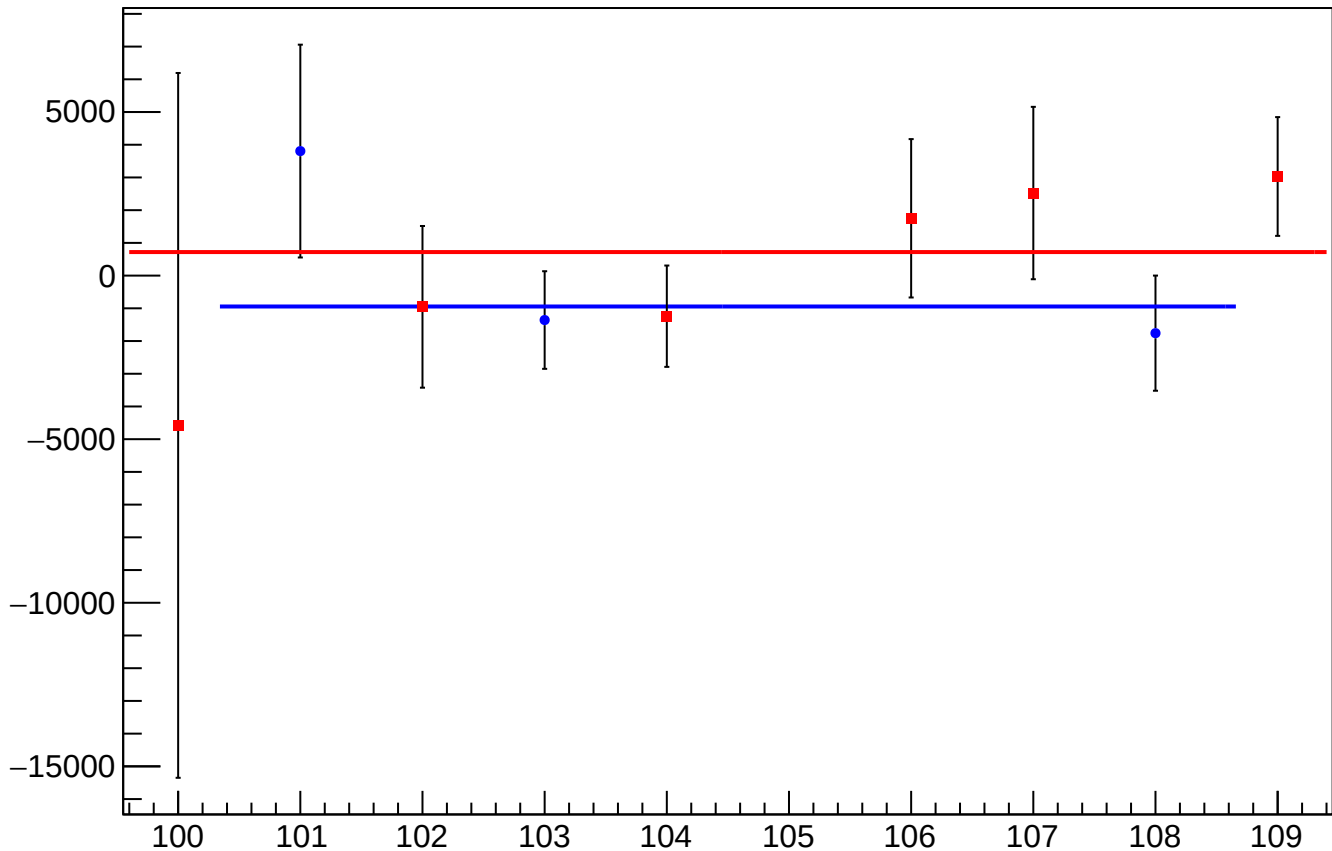
Right Out: 4679.256+/-2.297 χ^2/NDF : 261858.0/5

All: 4882.030+/-1.822 χ^2/NDF : 536416.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -944.149+/-1074.169 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 719.495+/-910.012 χ^2/NDF : 4.6/5

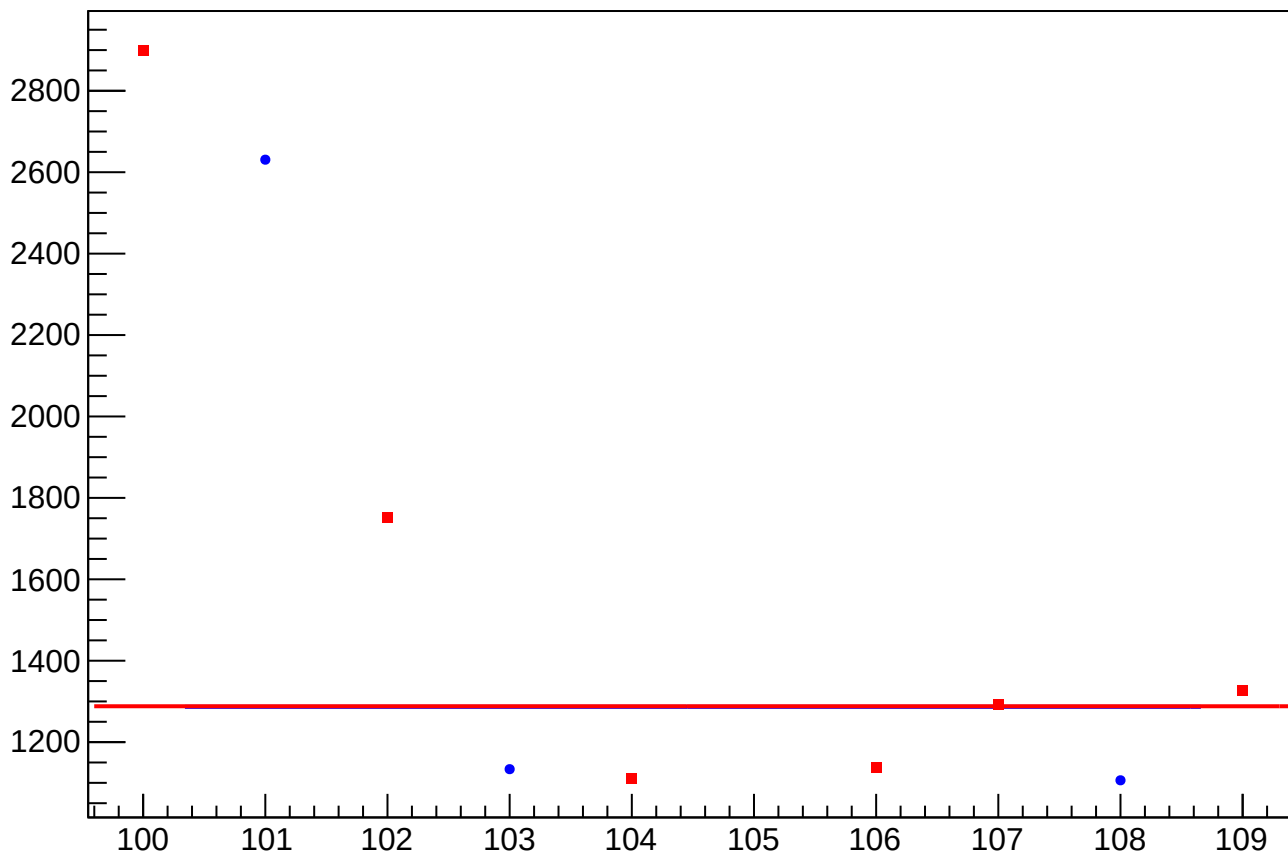
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.375+/-694.340 χ^2/NDF : 8.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1286.746 $\pm$ 0.760 χ^2 /NDF: 383668.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1288.141 $\pm$ 0.639 χ^2 /NDF: 150844.4/5

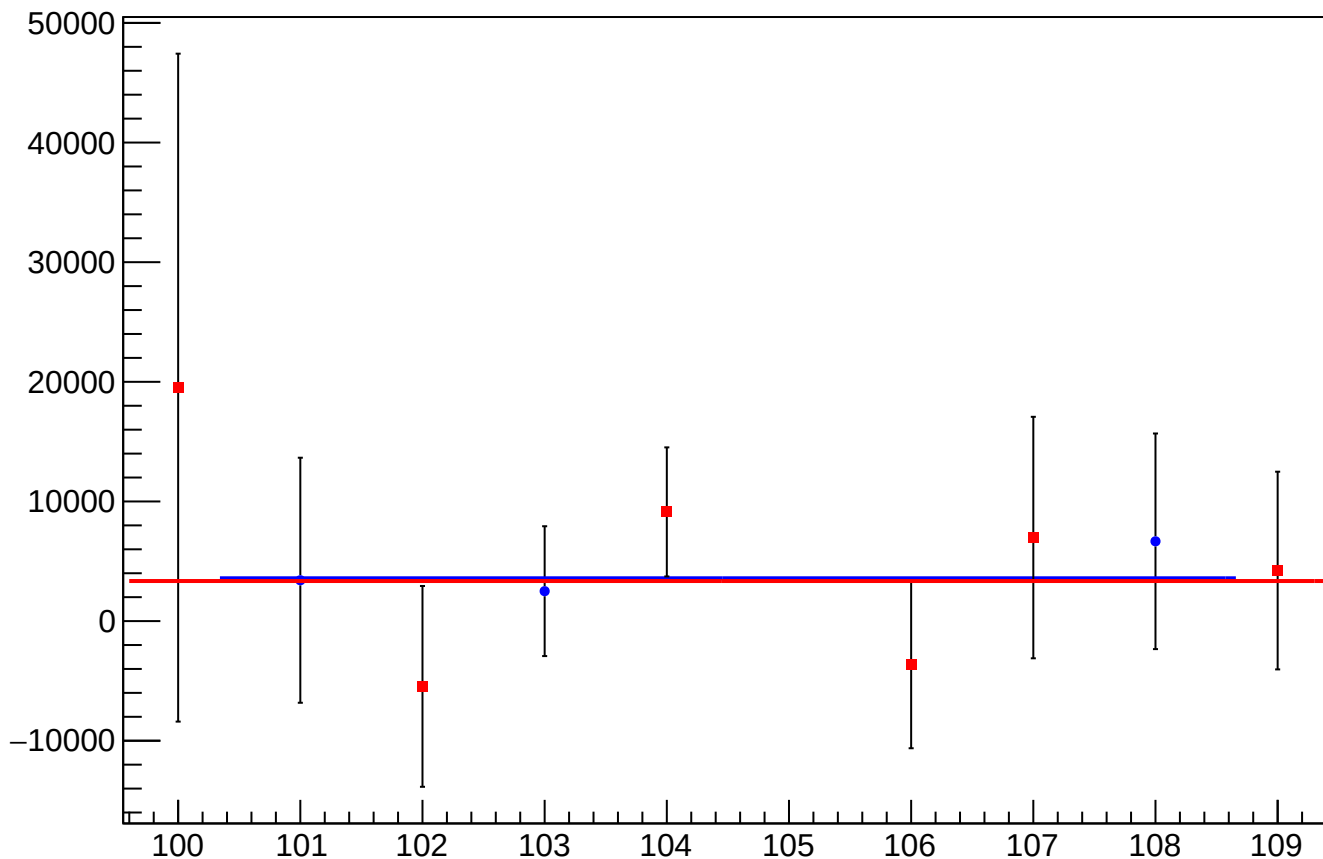
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1287.562 $\pm$ 0.489 χ^2 /NDF: 534515.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 3577.933+/-4232.854 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3349.577+/-3248.553 χ^2/NDF : 3.7/5

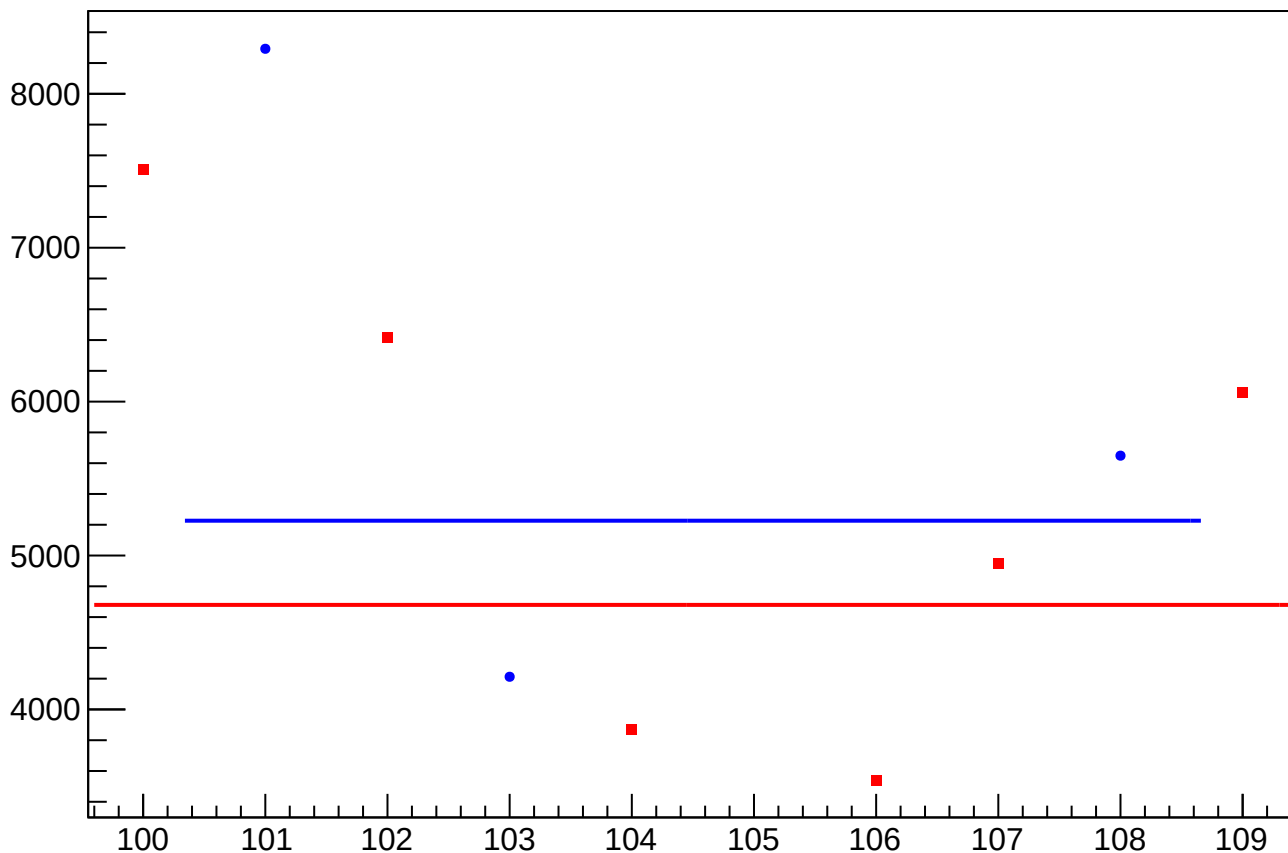
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3434.222+/-2577.083 χ^2/NDF : 3.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 5226.300 ± 2.993 $\chi^2/\text{NDF}: 253535.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4679.256 ± 2.297 $\chi^2/\text{NDF}: 261858.0/5$

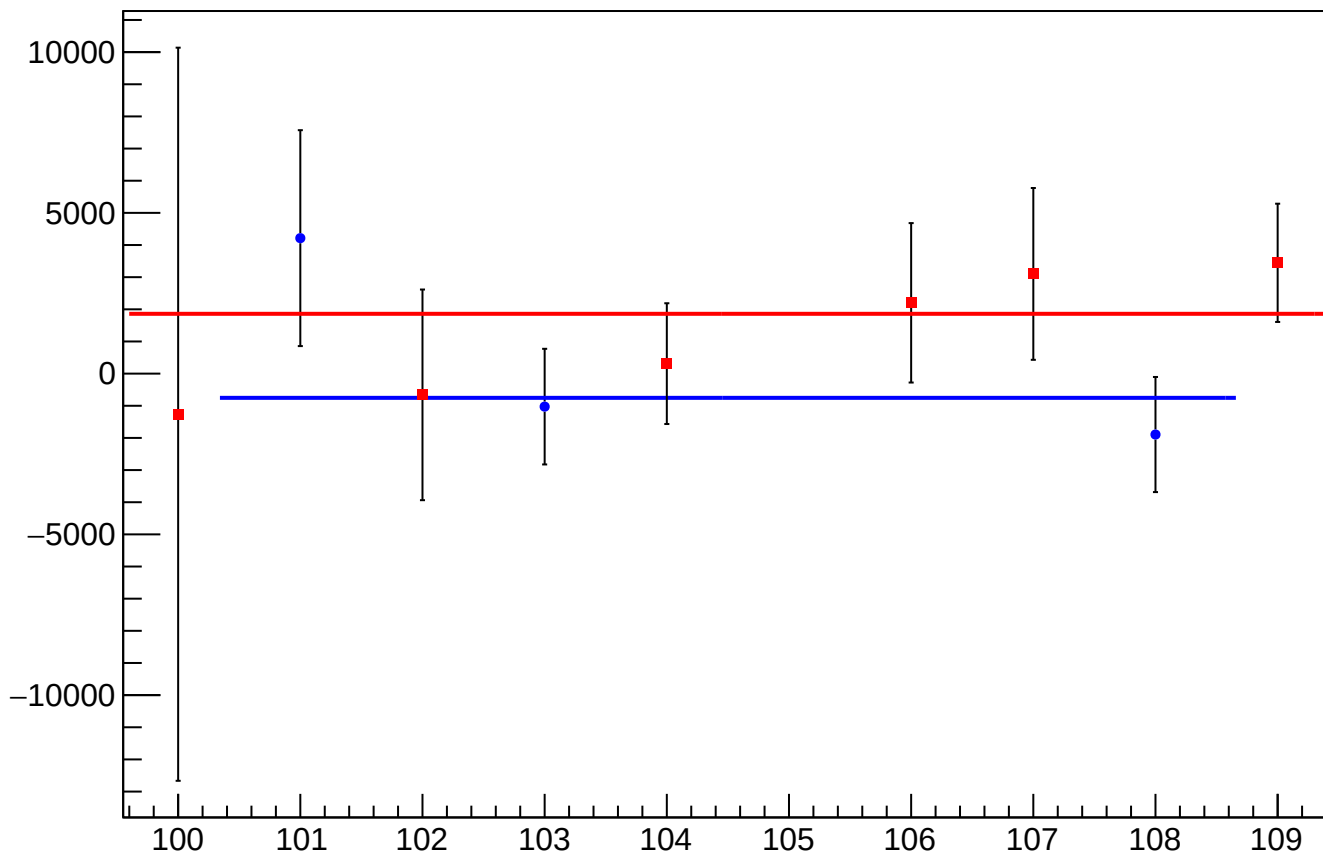
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4882.030 ± 1.822 $\chi^2/\text{NDF}: 536416.1/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -753.300 ± 1186.937 χ^2/NDF : 2.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1860.473 ± 1008.758 χ^2/NDF : 2.3/5

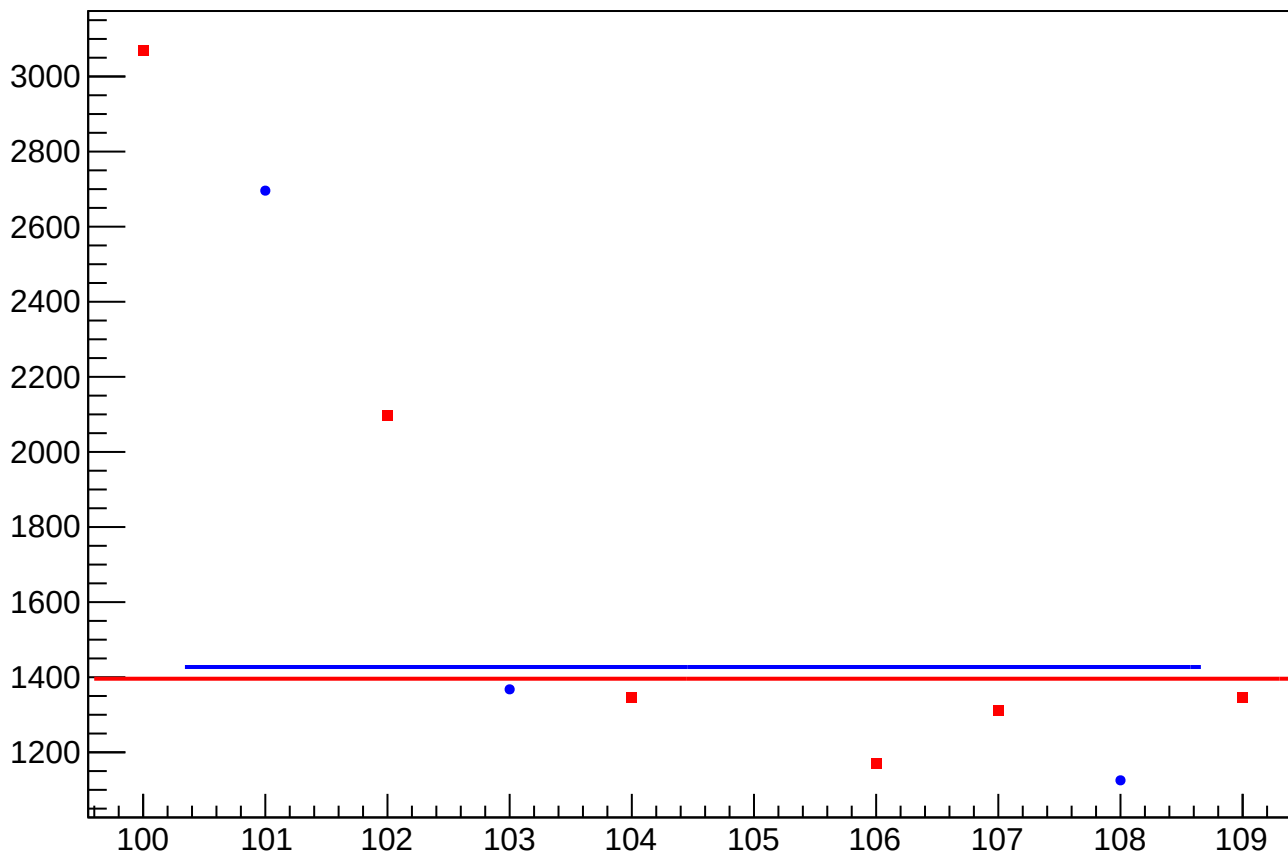
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 764.305 ± 768.656 χ^2/NDF : 7.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1427.184 $\pm$ 0.839 χ^2 /NDF: 344572.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1395.990 $\pm$ 0.713 χ^2 /NDF: 156088.0/5

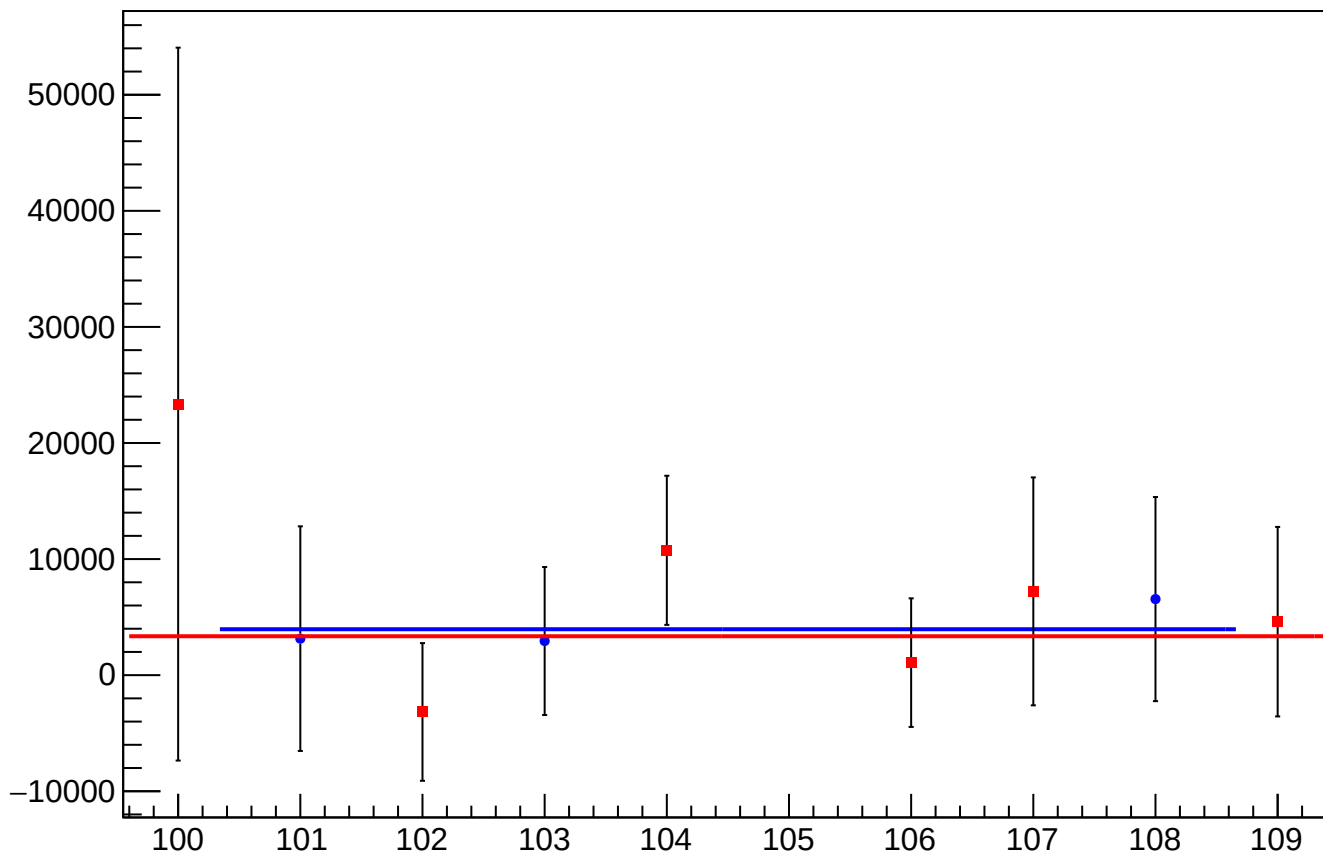
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1409.059 $\pm$ 0.543 χ^2 /NDF: 501462.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug



Right In: 3955.513+/-4554.108 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3352.466+/-2992.156 χ^2/NDF : 3.3/5

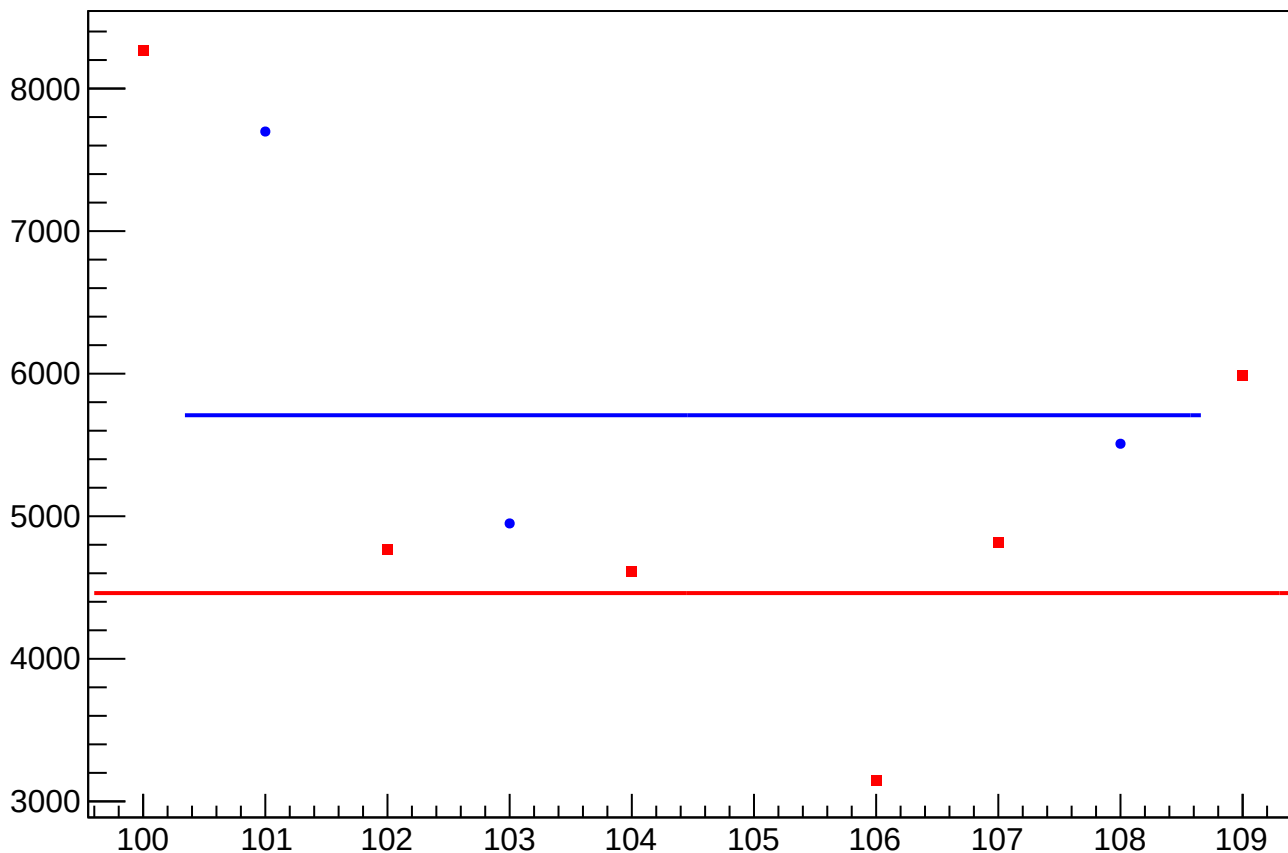
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3534.296+/-2500.698 χ^2/NDF : 3.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



Right In: 5708.486+/-3.220 χ^2/NDF : 113961.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4461.029+/-2.116 χ^2/NDF : 221513.9/5

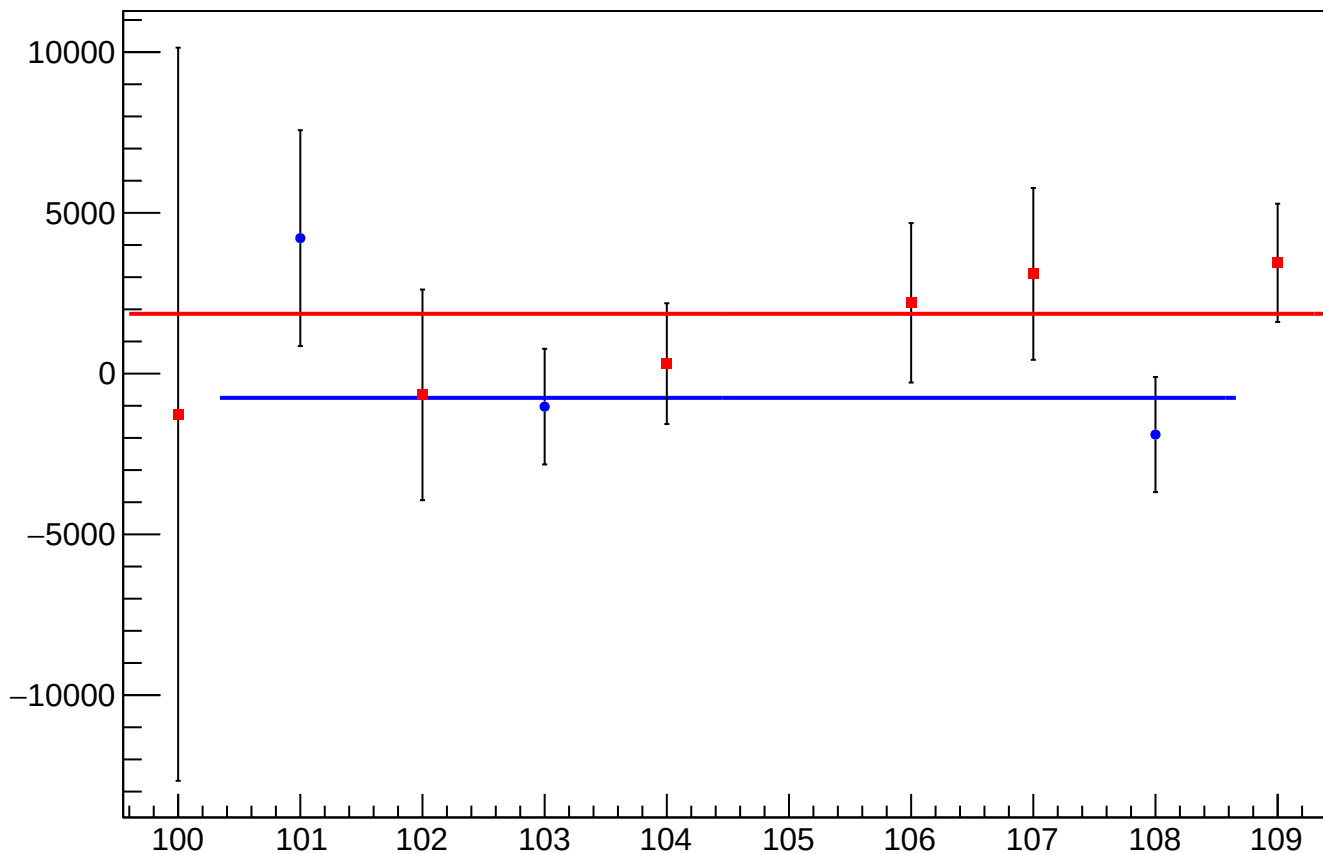
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4837.162+/-1.768 χ^2/NDF : 440291.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -753.301 $\pm$ 1186.938 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1860.486 $\pm$ 1008.758 χ^2 /NDF: 2.3/5

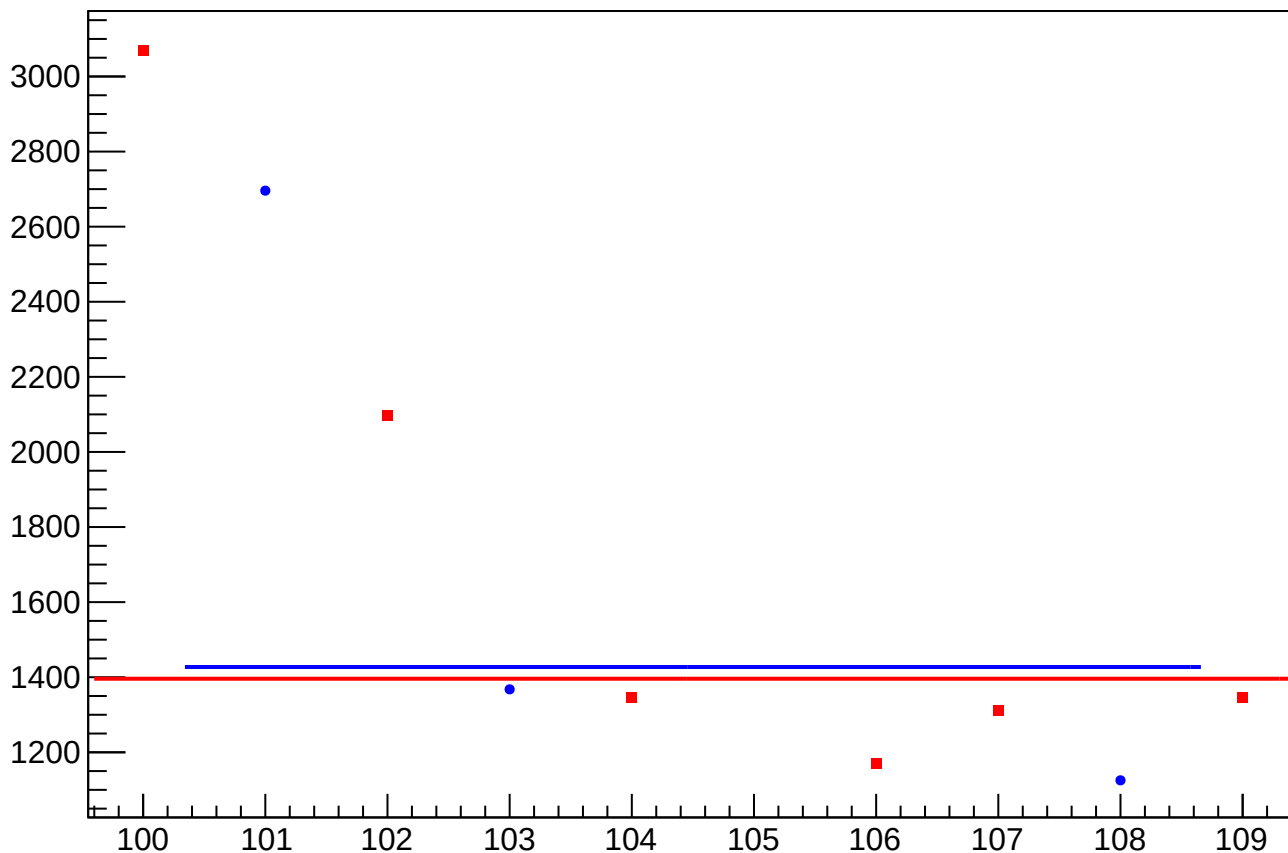
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 764.313 $\pm$ 768.657 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1427.185 $\pm$ 0.839 χ^2 /NDF: 344571.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1395.991 $\pm$ 0.713 χ^2 /NDF: 156088.5/5

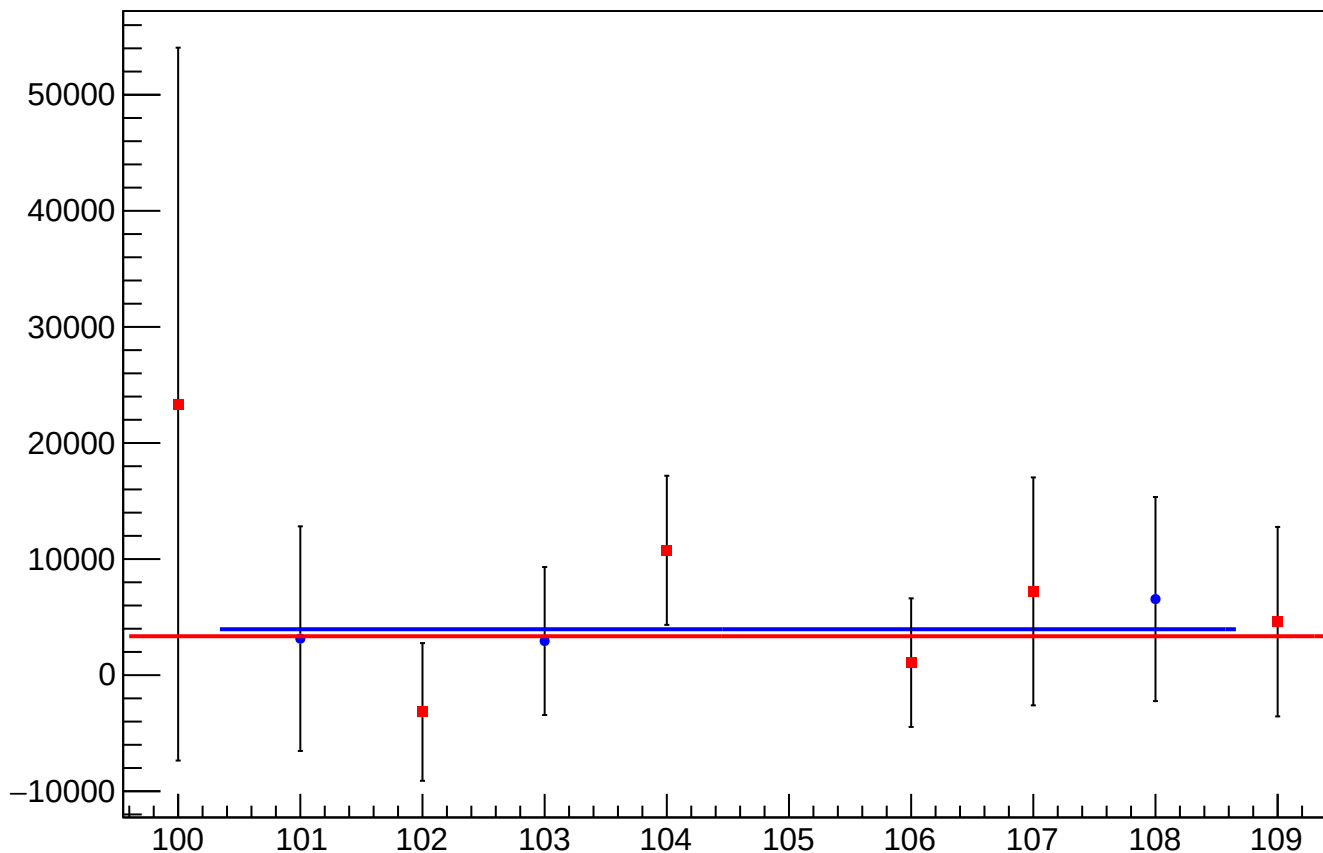
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1409.060 $\pm$ 0.543 χ^2 /NDF: 501462.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 3955.516+/-4554.107 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3352.479+/-2992.152 χ^2/NDF : 3.3/5

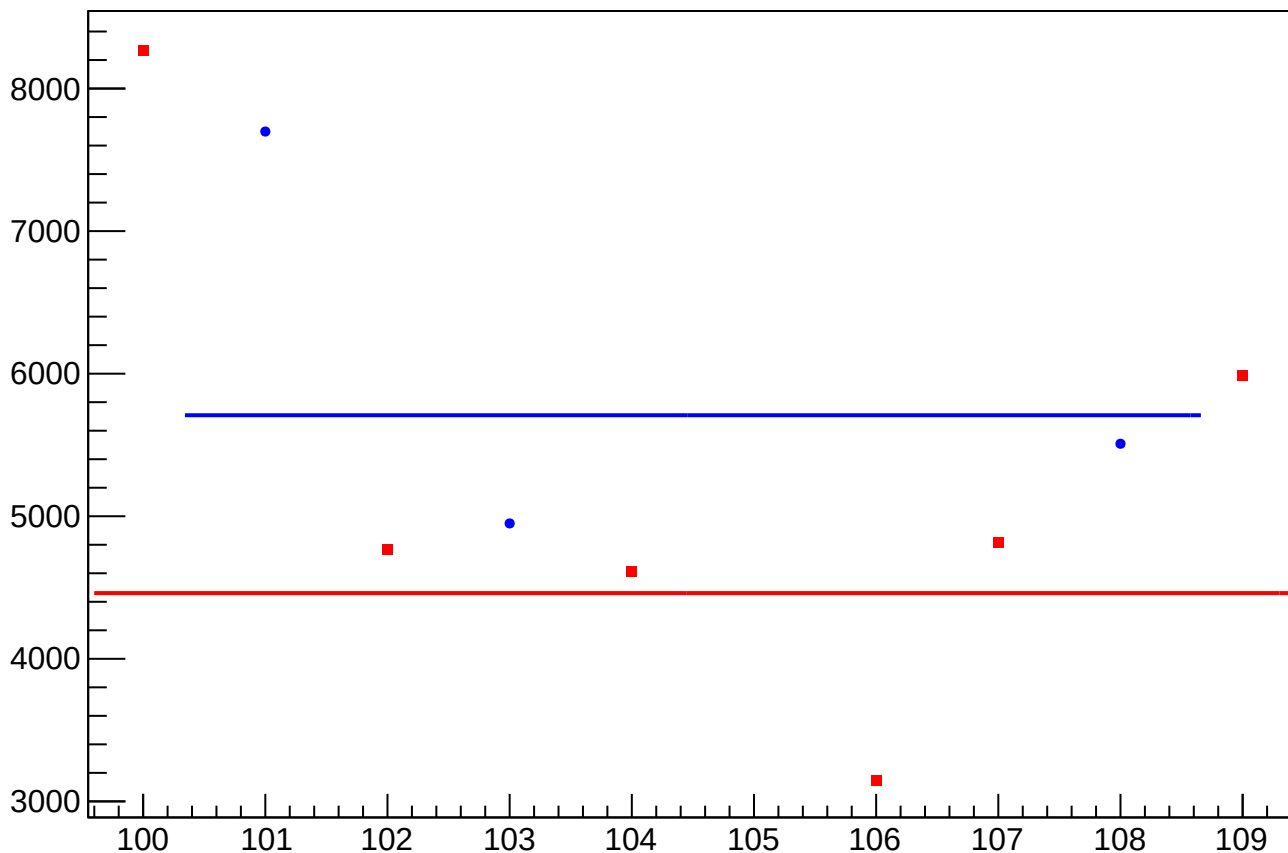
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3534.306+/-2500.696 χ^2/NDF : 3.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 5708.486 $\pm$ 3.220 χ^2 /NDF: 113961.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4461.022 $\pm$ 2.116 χ^2 /NDF: 221516.1/5

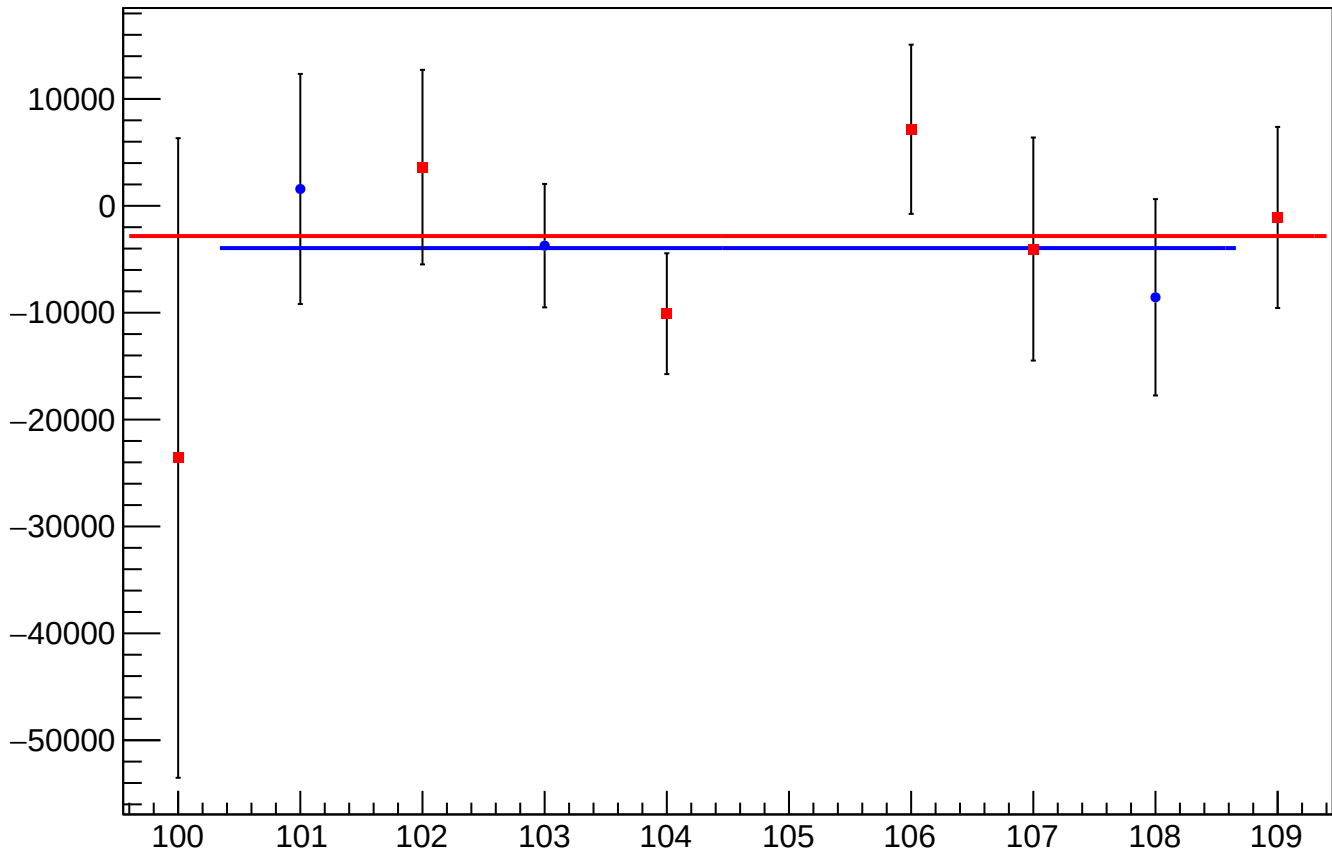
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4837.156 $\pm$ 1.768 χ^2 /NDF: 440294.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -3954.404+/-4450.778 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2829.503+/-3459.617 χ^2/NDF : 4.3/5

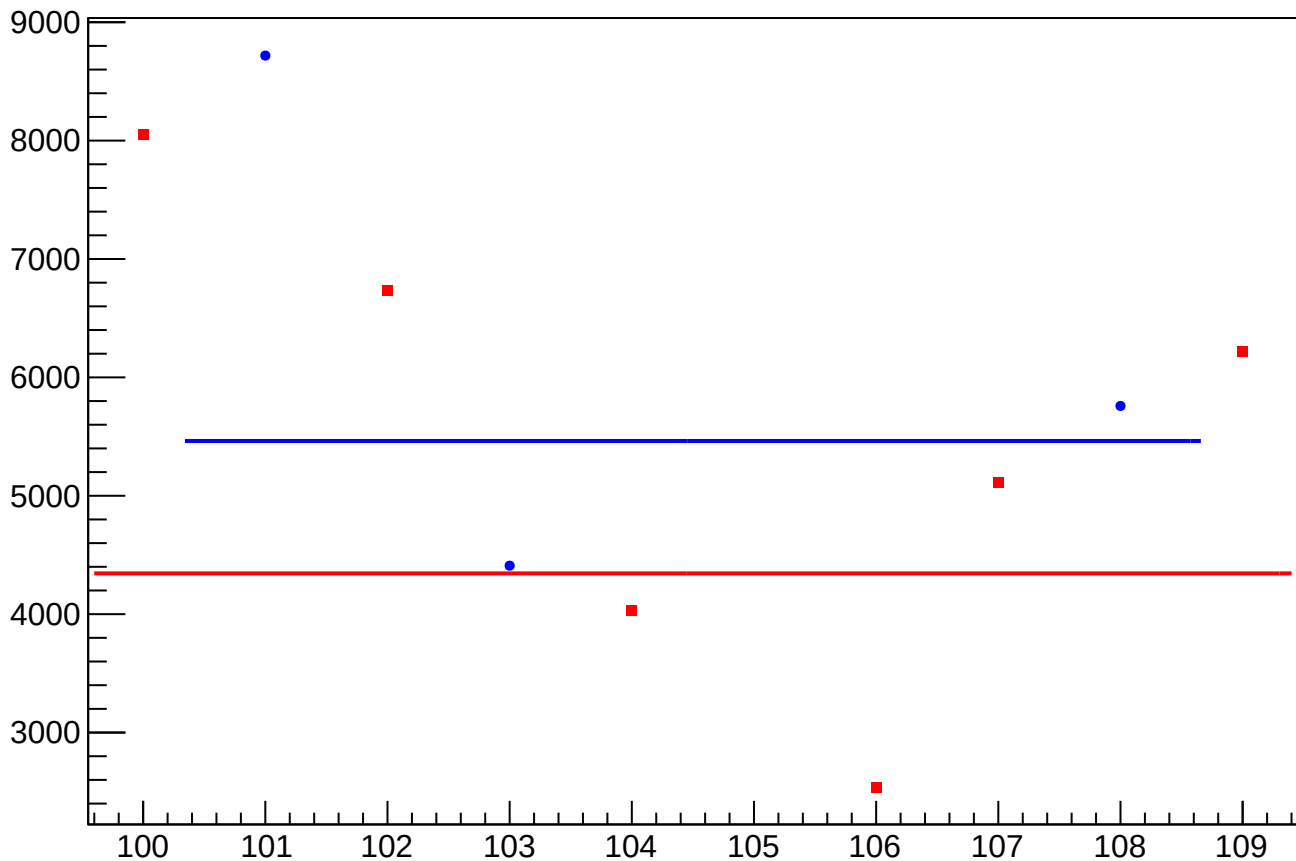
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3253.184+/-2731.480 χ^2/NDF : 4.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 5462.778+/-3.147 χ^2/NDF : 251551.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4344.337+/-2.249 χ^2/NDF : 486799.0/5

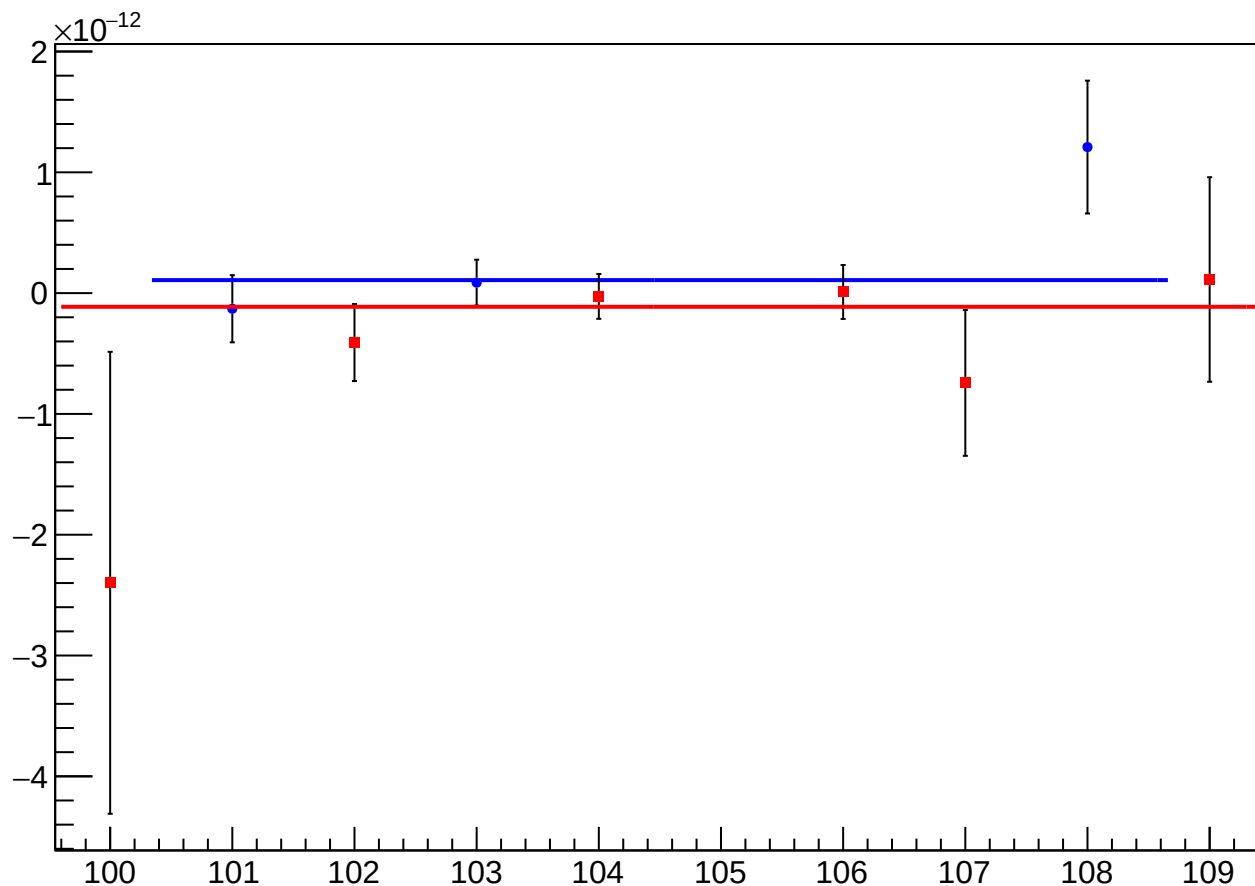
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4722.498+/-1.830 χ^2/NDF : 821946.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/5

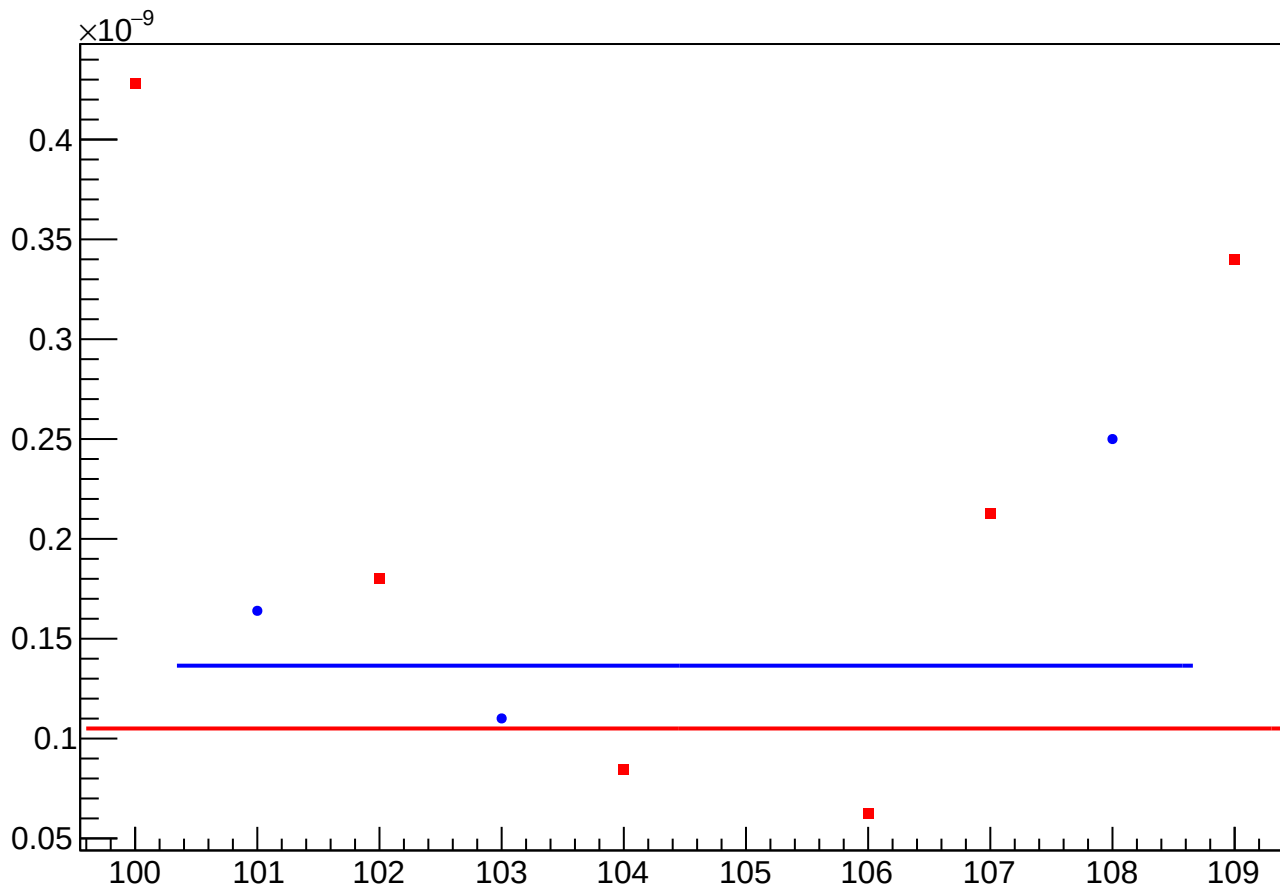
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 143406.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 484061.7/5

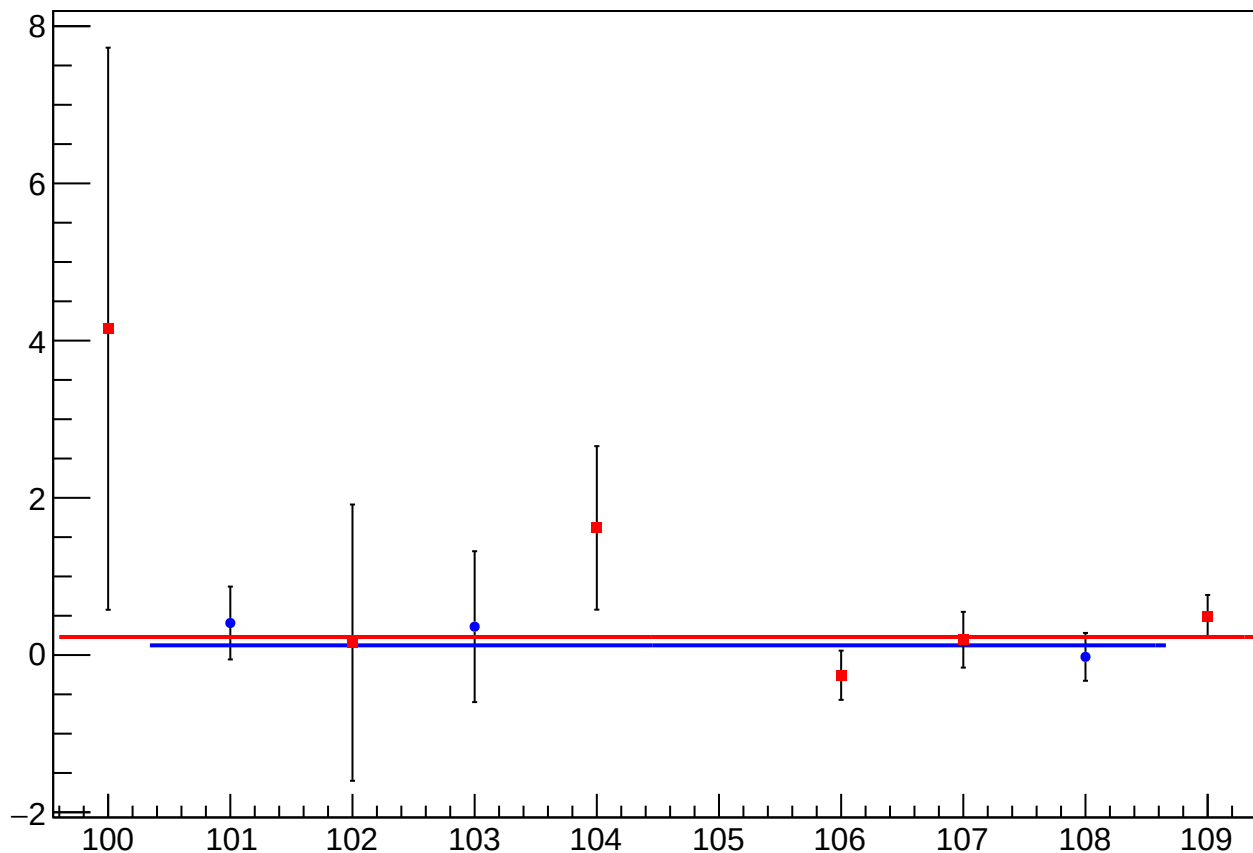
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 678812.9/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.123+/-0.246 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.230+/-0.173 χ^2/NDF : 6.4/5

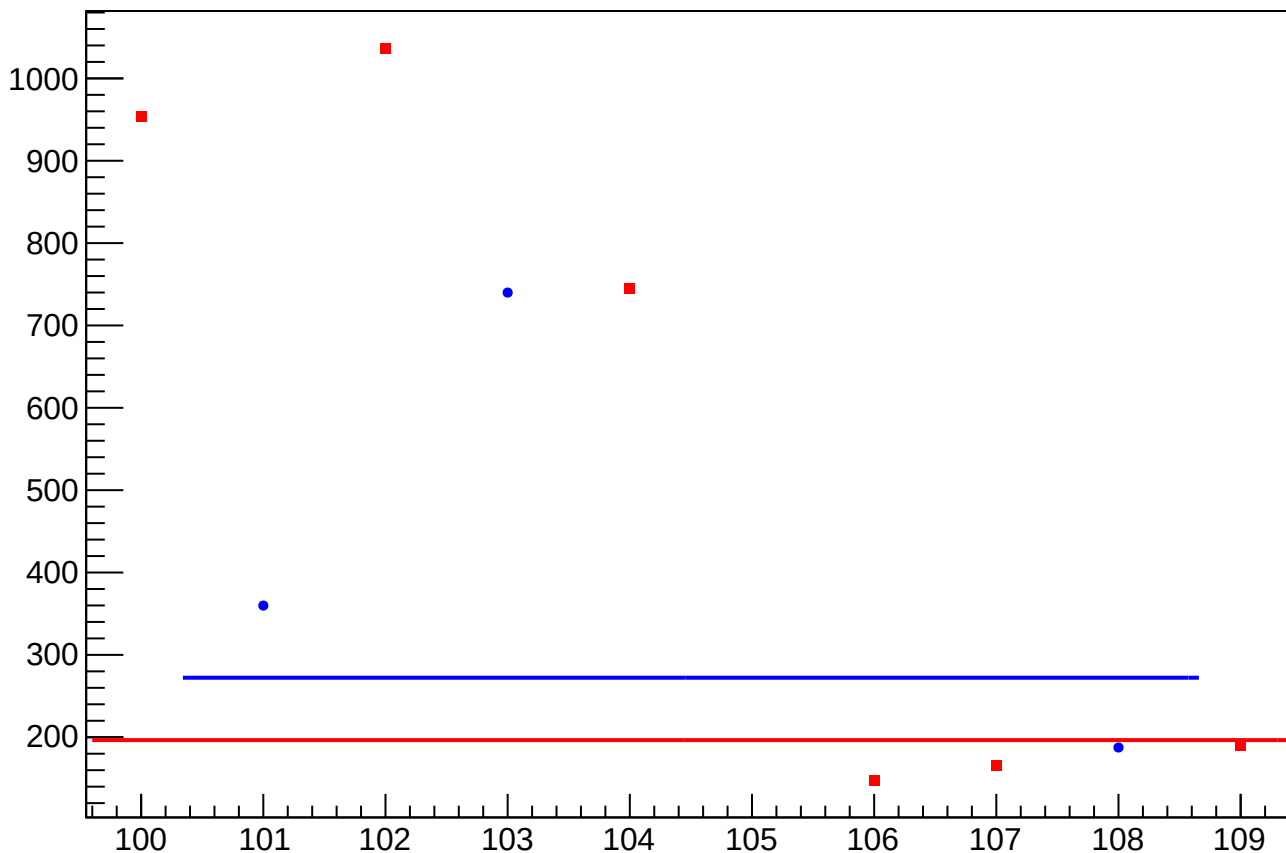
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.194+/-0.142 χ^2/NDF : 7.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 272.274 $\pm$ 0.174 χ^2 /NDF: 701415.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 196.519 $\pm$ 0.123 χ^2 /NDF: 1167110.3/5

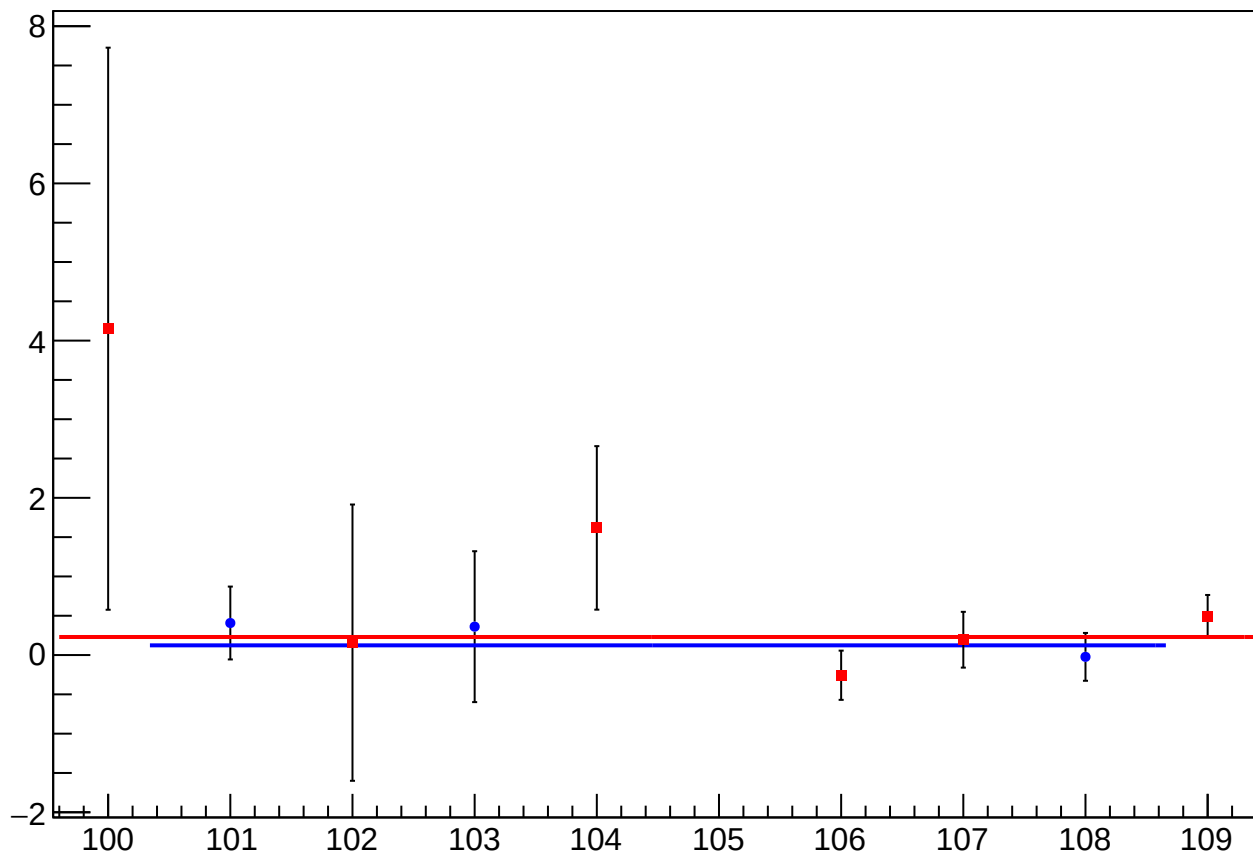
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 221.658 $\pm$ 0.100 χ^2 /NDF: 1995379.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.123 $\pm$ 0.246 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.230 $\pm$ 0.173 χ^2 /NDF: 6.4/5

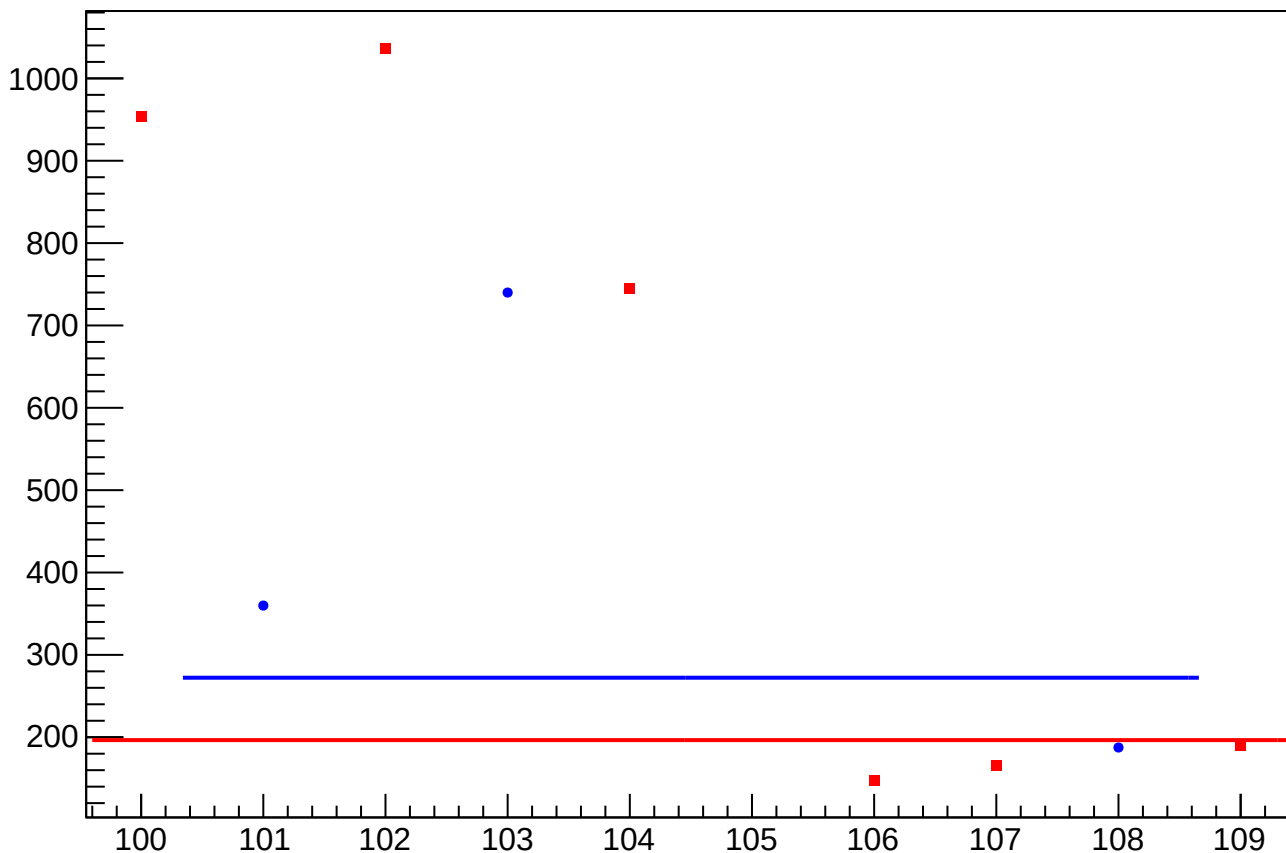
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.194 $\pm$ 0.142 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 272.274+/-0.174 χ^2/NDF : 701415.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.519+/-0.123 χ^2/NDF : 1167110.3/5

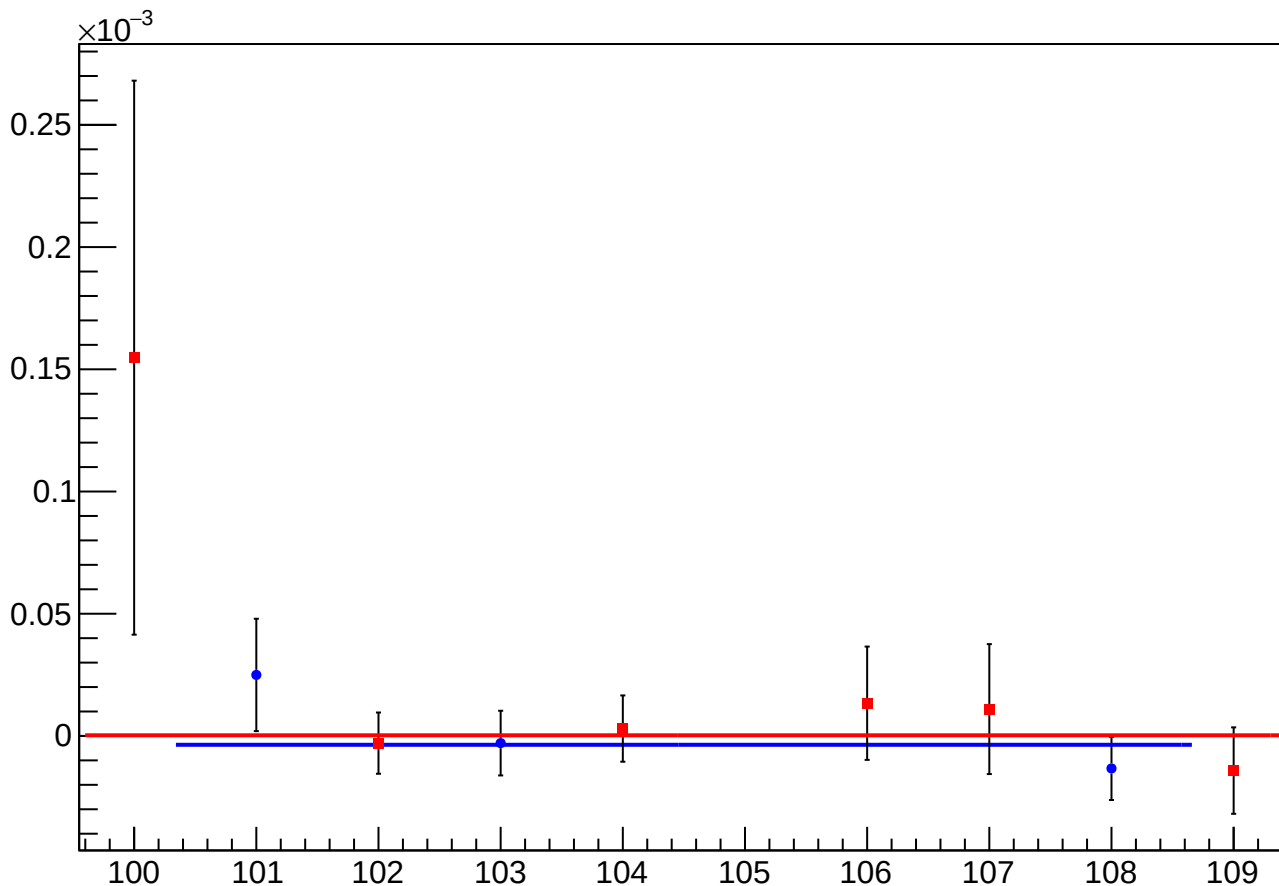
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.658+/-0.100 χ^2/NDF : 1995379.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.1/5

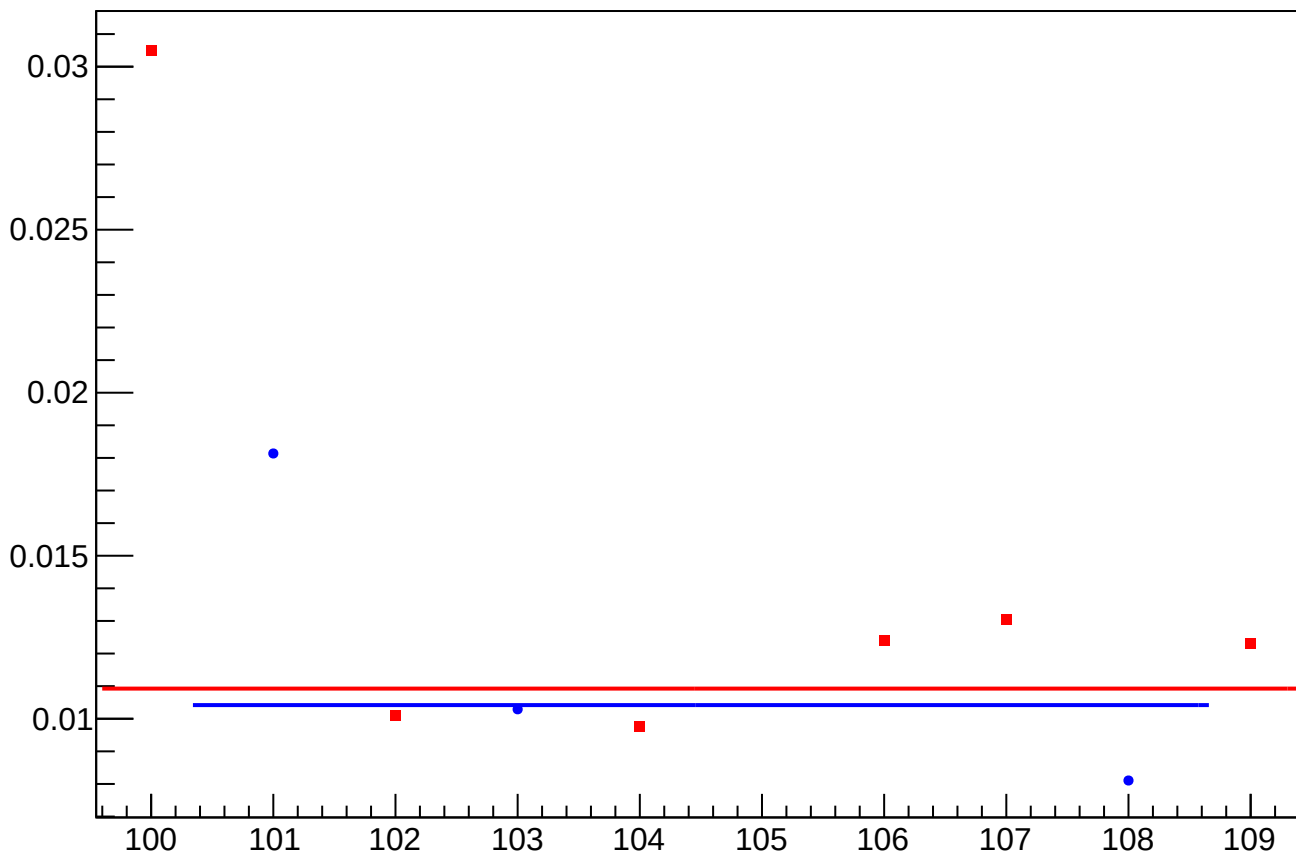
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 289712.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 116451.9/5

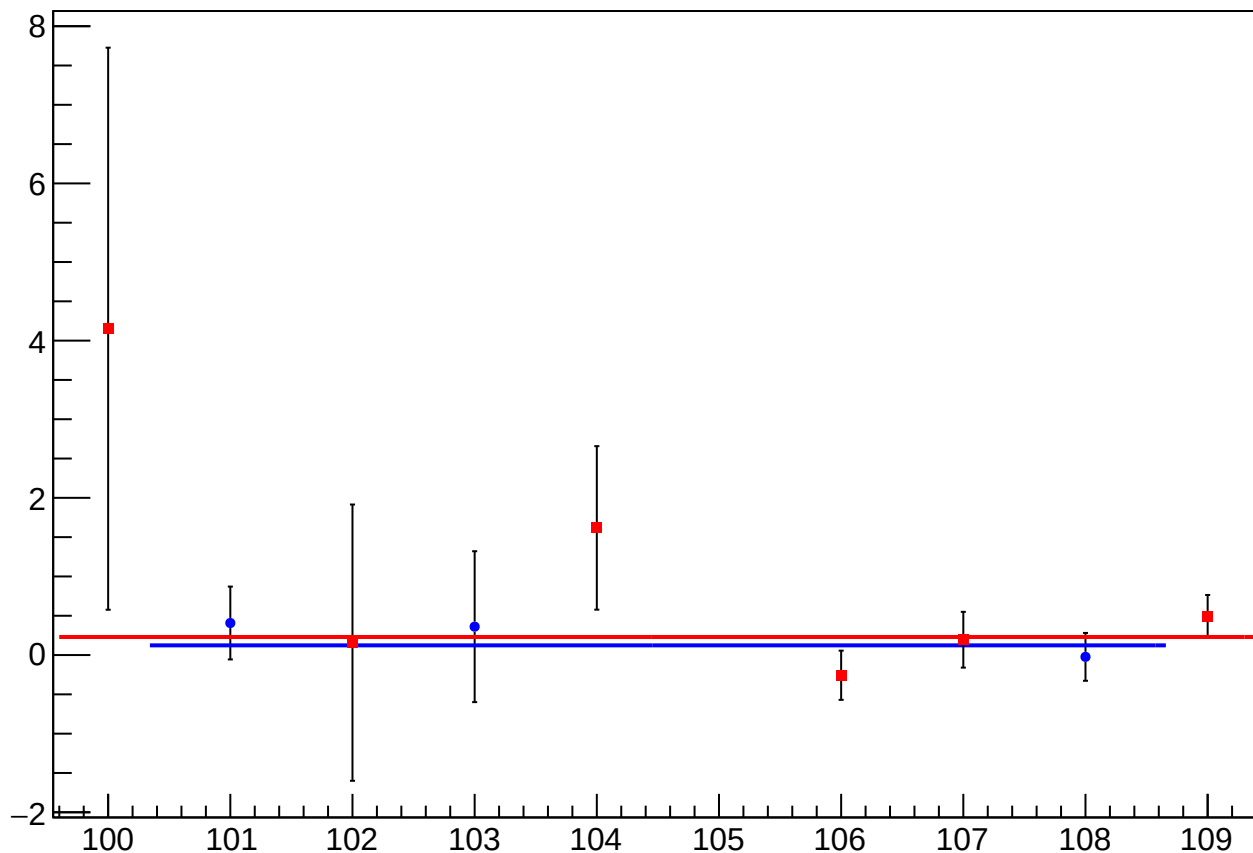
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 410164.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.123 $\pm$ 0.246 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.230 $\pm$ 0.173 χ^2 /NDF: 6.4/5

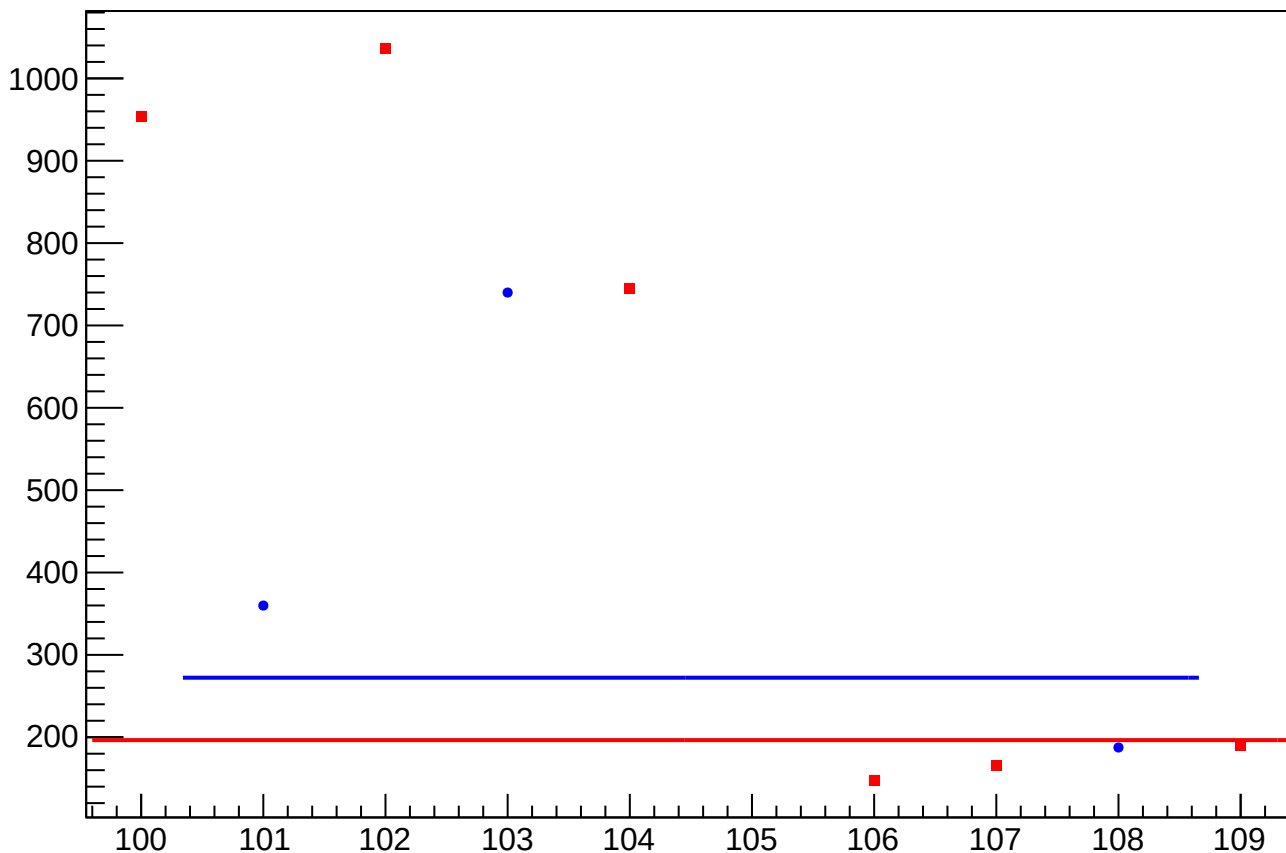
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.194 $\pm$ 0.142 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 272.276+/-0.174 χ^2/NDF : 701397.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.519+/-0.123 χ^2/NDF : 1167118.3/5

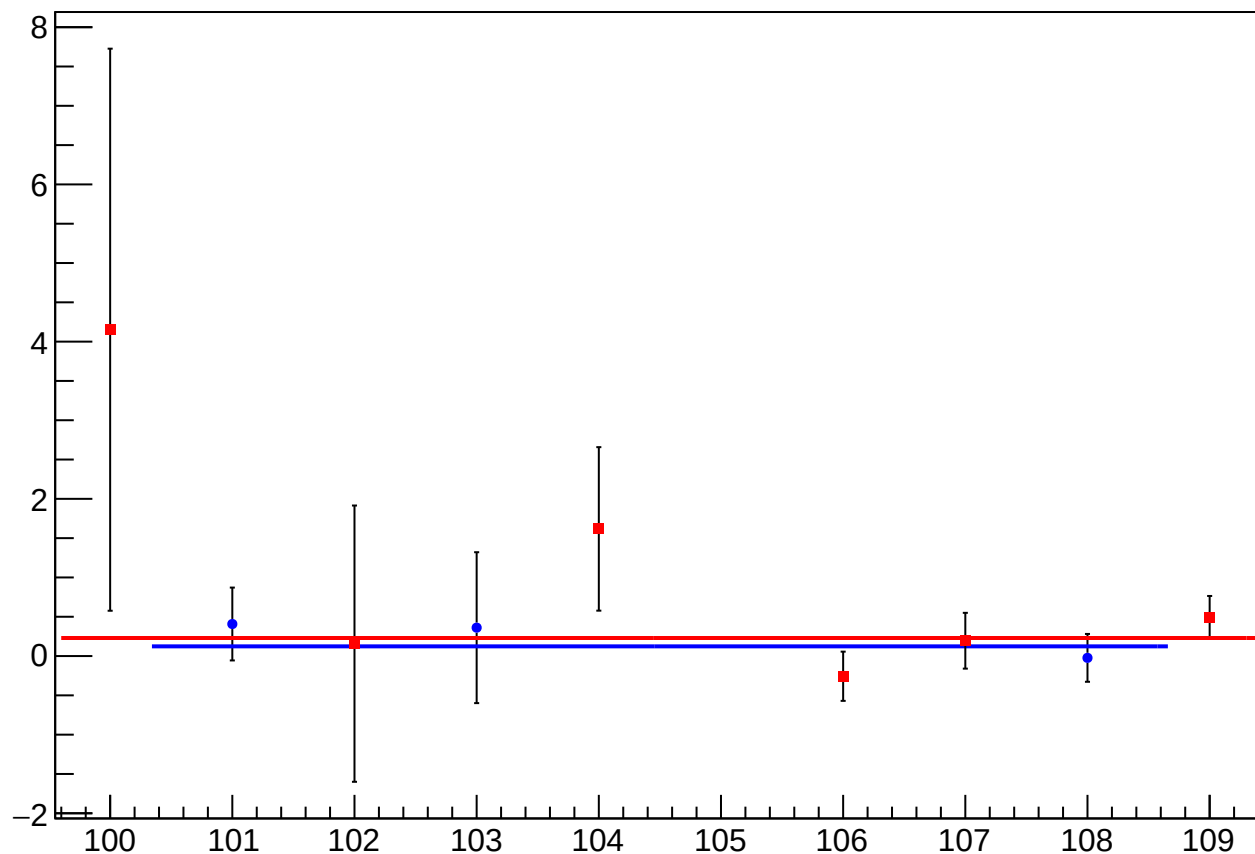
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.658+/-0.100 χ^2/NDF : 1995375.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.123 $\pm$ 0.246 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.230 $\pm$ 0.173 χ^2 /NDF: 6.4/5

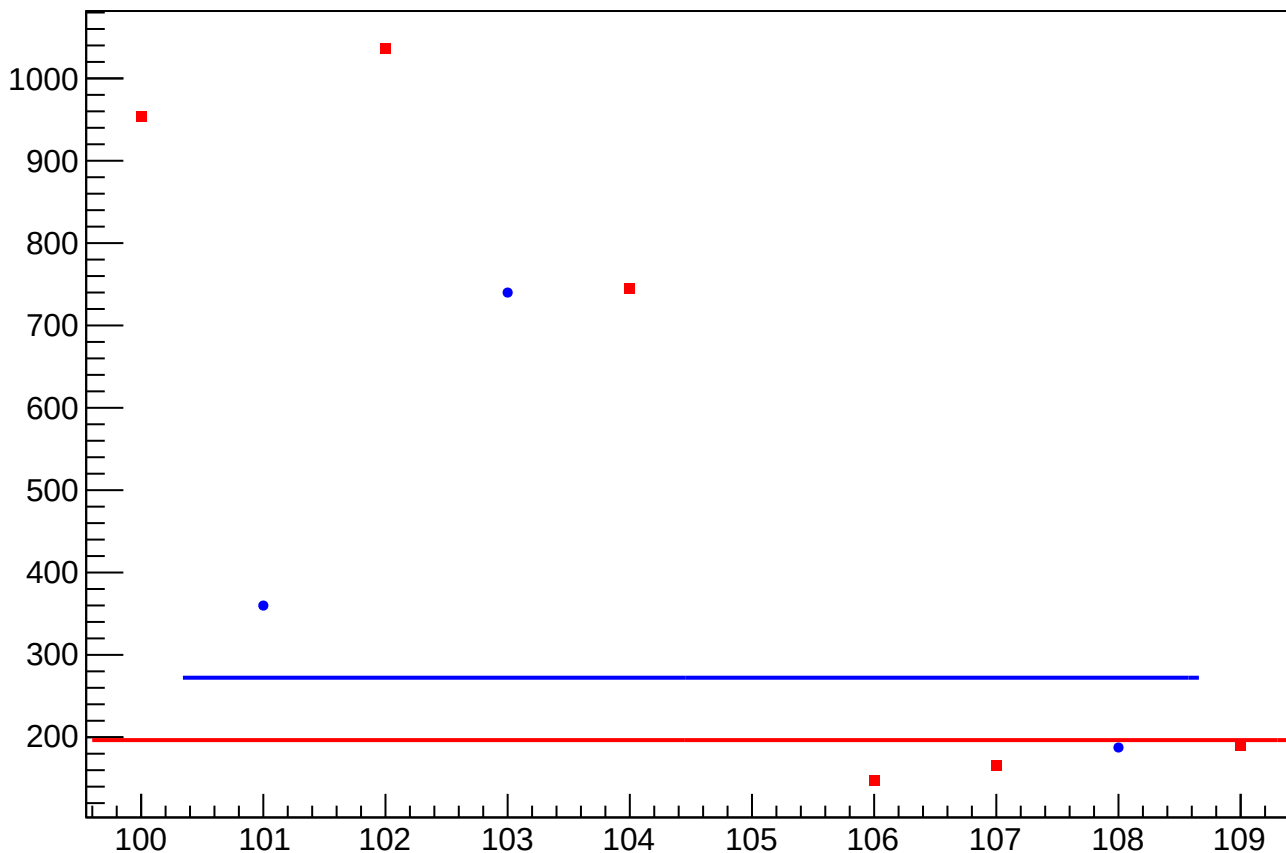
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.194 $\pm$ 0.142 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 272.276+/-0.174 χ^2/NDF : 701397.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.519+/-0.123 χ^2/NDF : 1167118.3/5

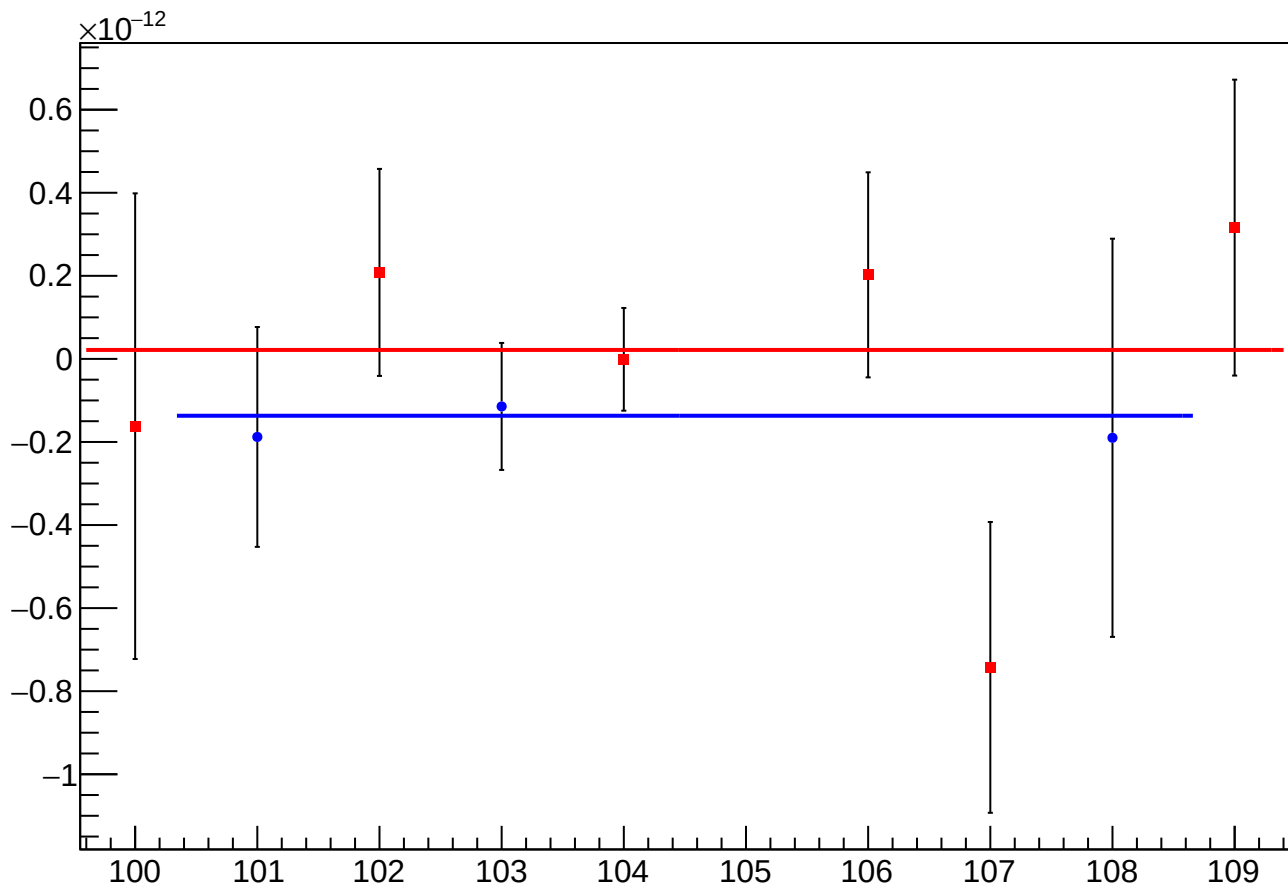
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.658+/-0.100 χ^2/NDF : 1995375.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.7/5

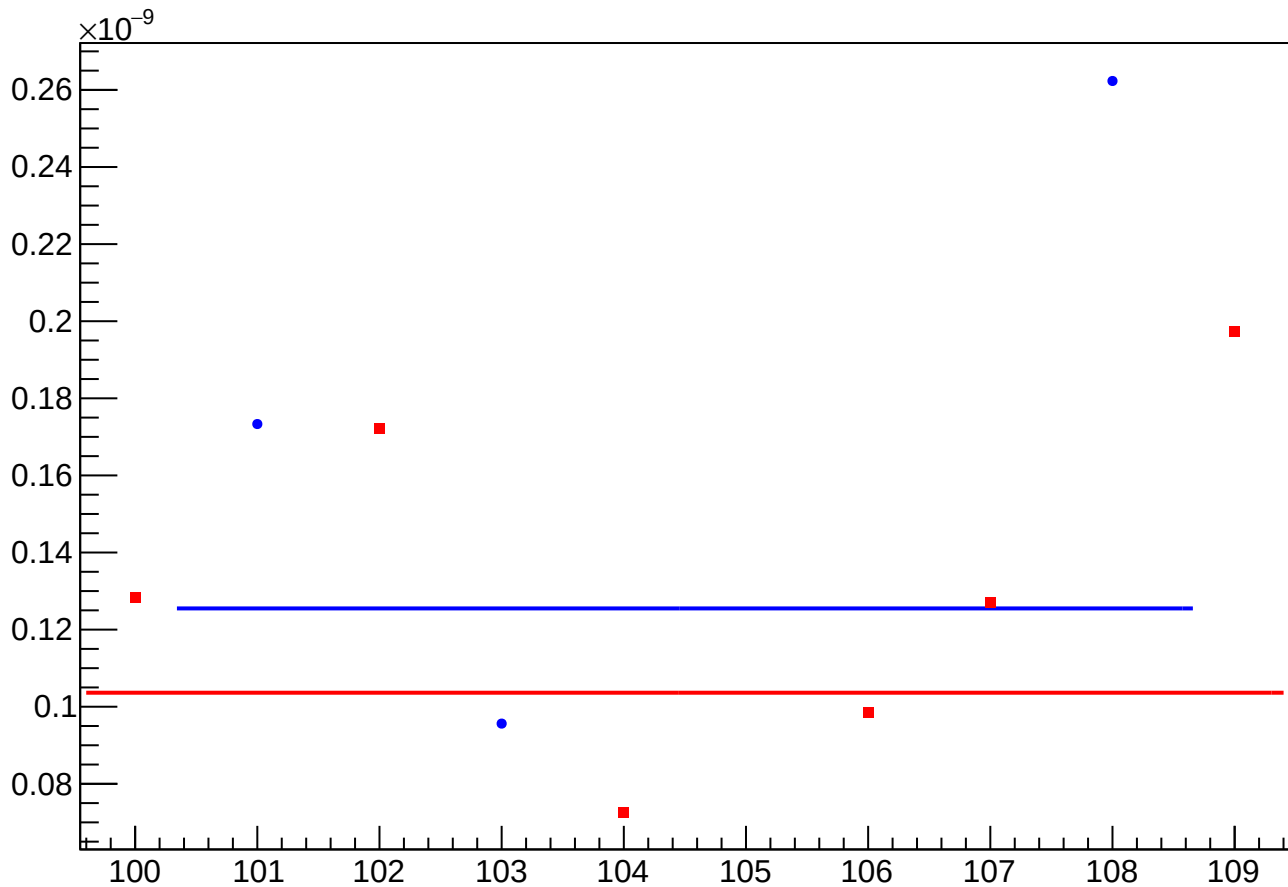
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 304646.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 429841.8/5

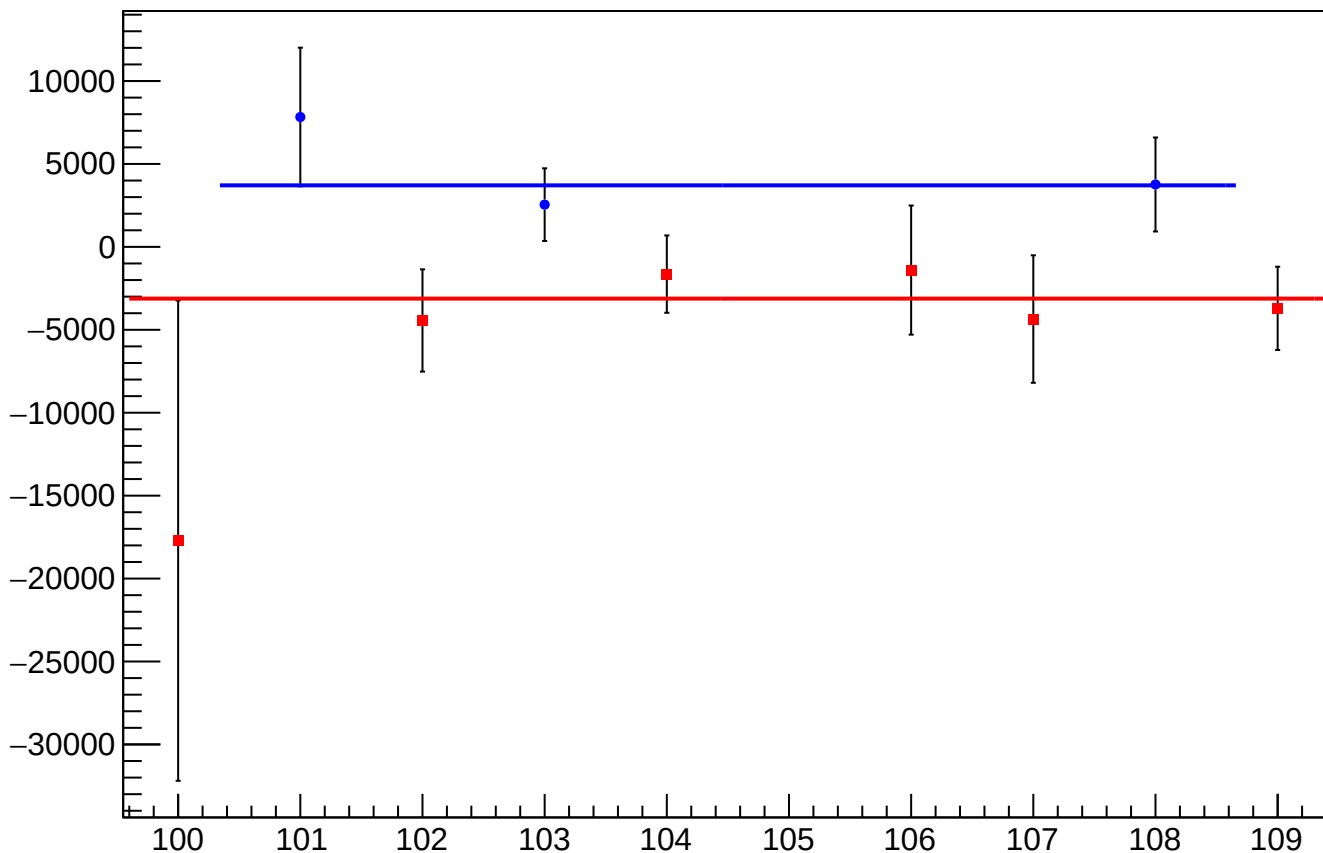
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 773017.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 3709.794+/-1600.828 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3118.880+/-1306.116 χ^2/NDF : 2.0/5

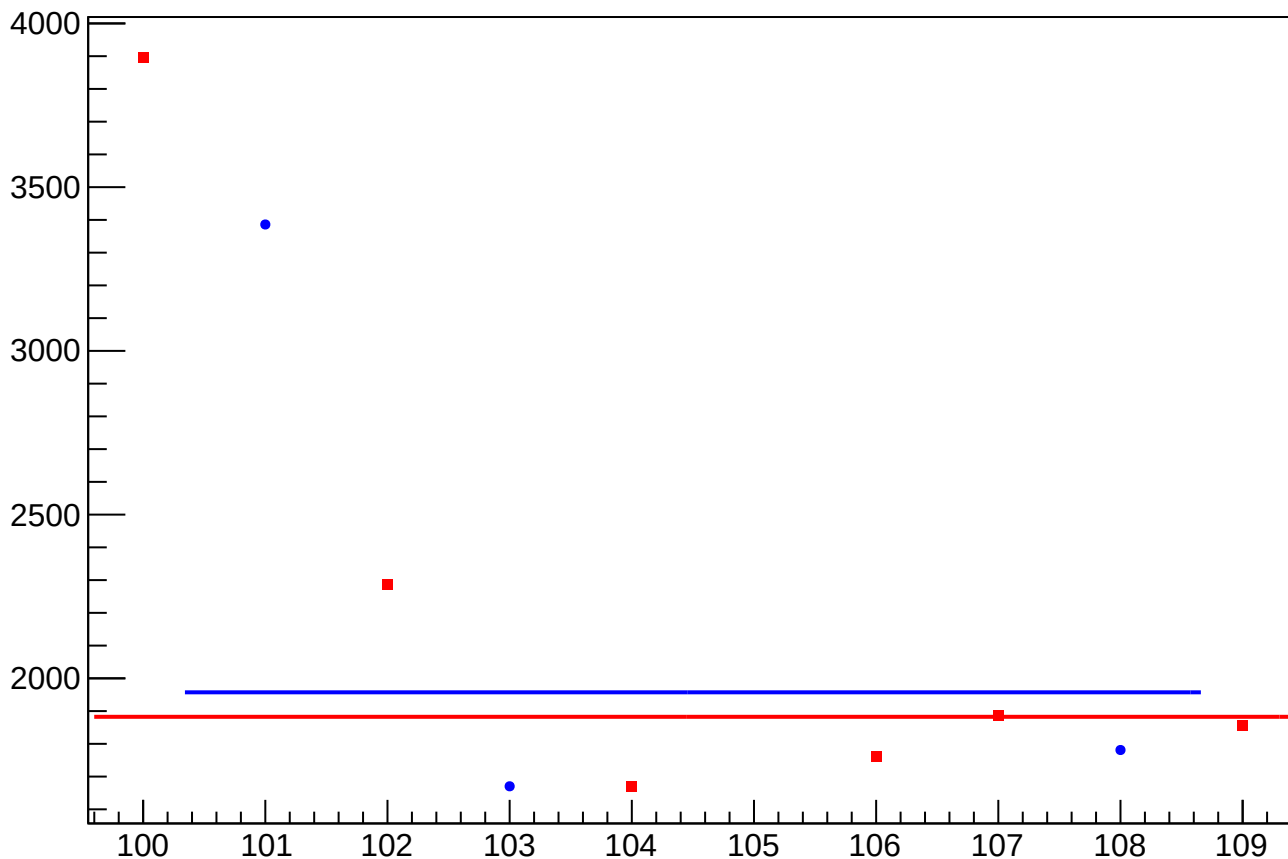
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.806+/-1012.008 χ^2/NDF : 14.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1957.308+/-1.132 χ^2/NDF : 275683.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1882.544+/-0.914 χ^2/NDF : 92067.4/5

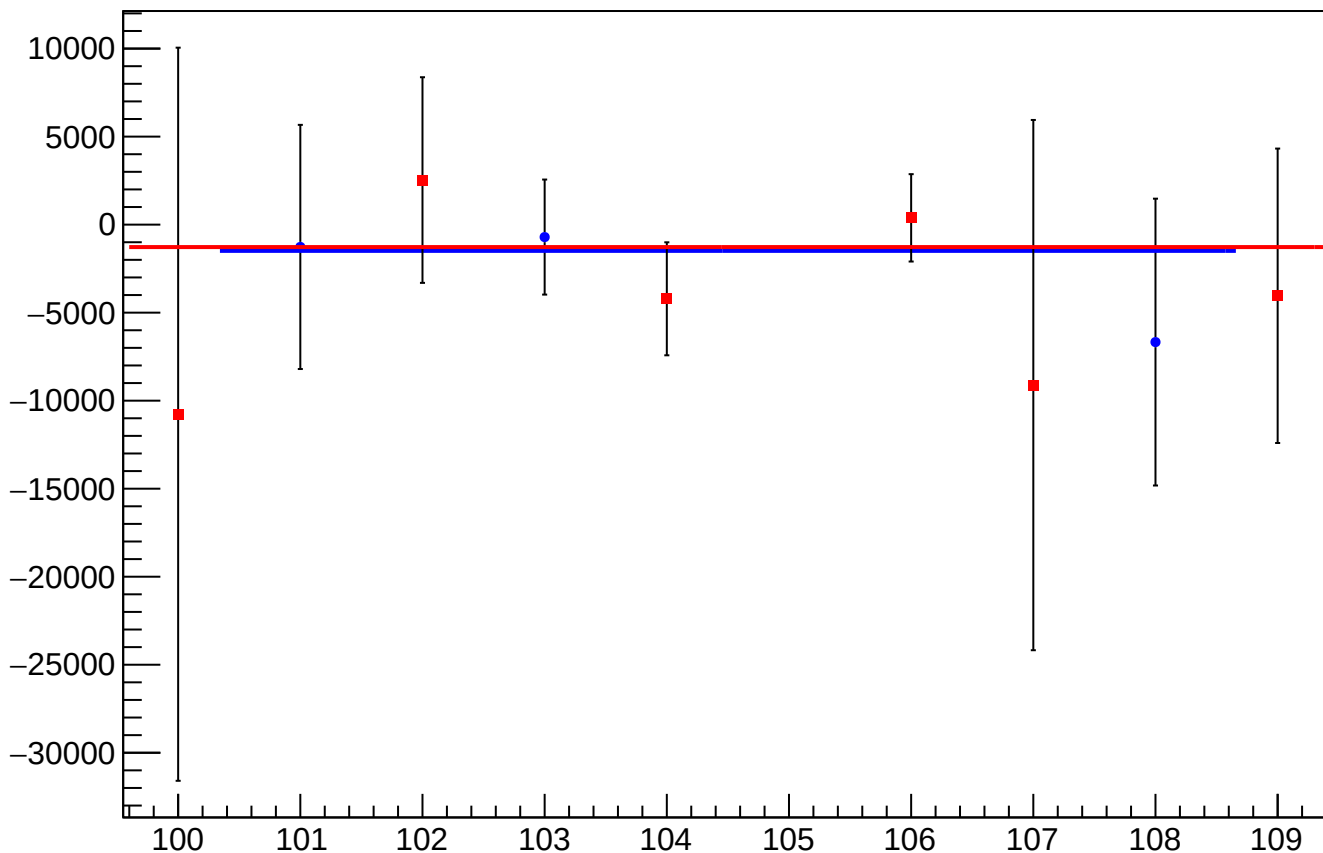
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1912.043+/-0.711 χ^2/NDF : 370391.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug



Right In: -1490.747+/-2778.680 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1274.895+/-1796.578 χ^2/NDF : 2.3/5

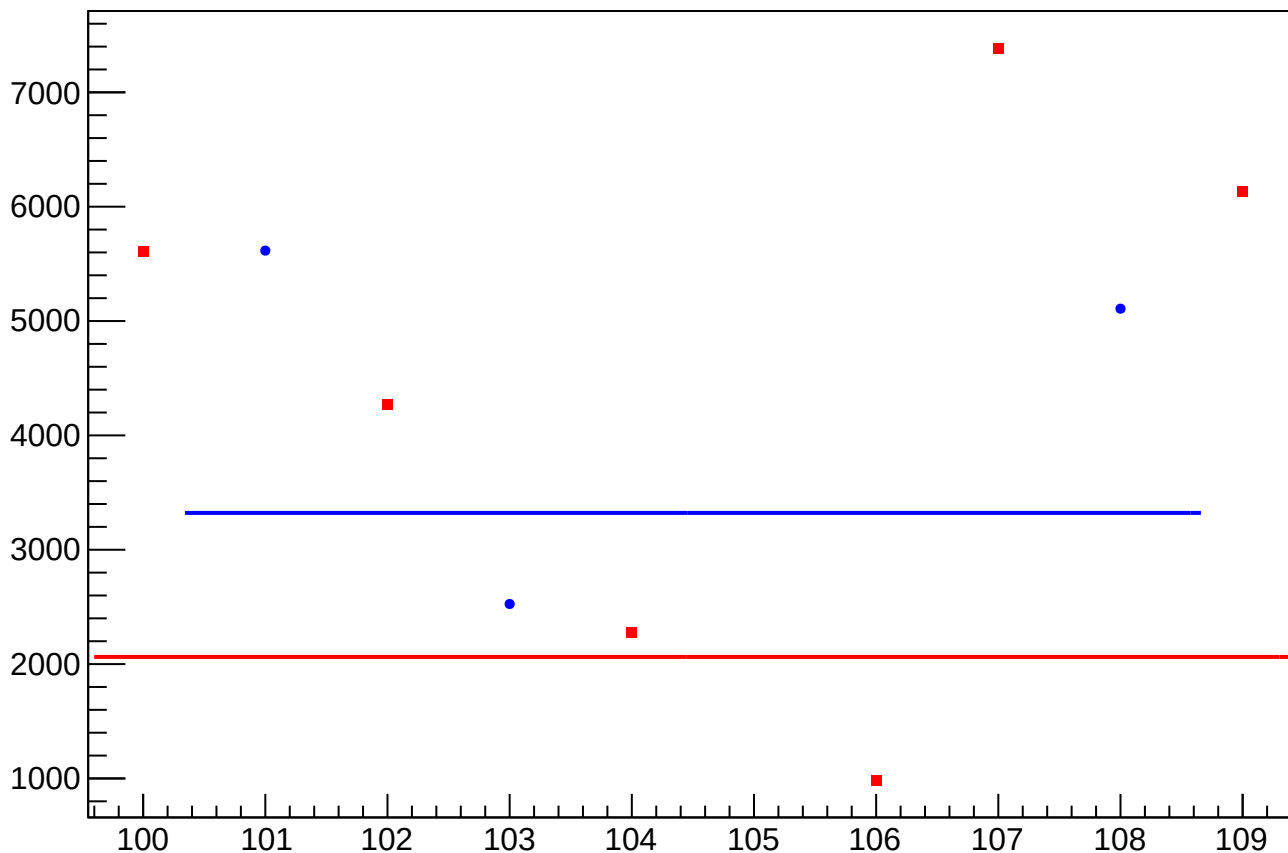
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1338.528+/-1508.698 χ^2/NDF : 2.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug



Right In: 3322.219+/-1.965 χ^2/NDF : 433787.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

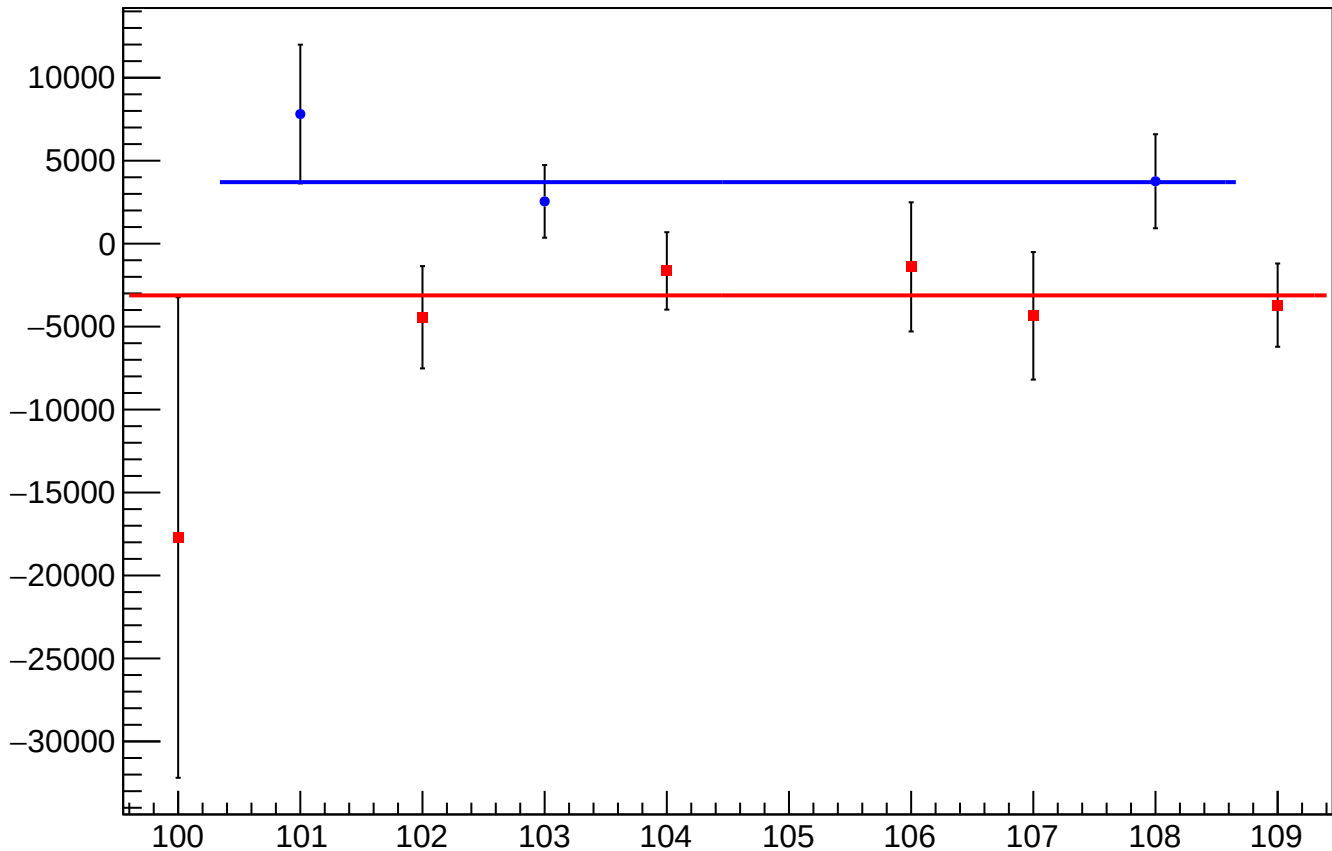
Right Out: 2062.773+/-1.270 χ^2/NDF : 1456182.4/5

All: 2434.058+/-1.067 χ^2/NDF : 2179720.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 3707.368+/-1600.831 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3118.644+/-1306.116 χ^2/NDF : 2.0/5

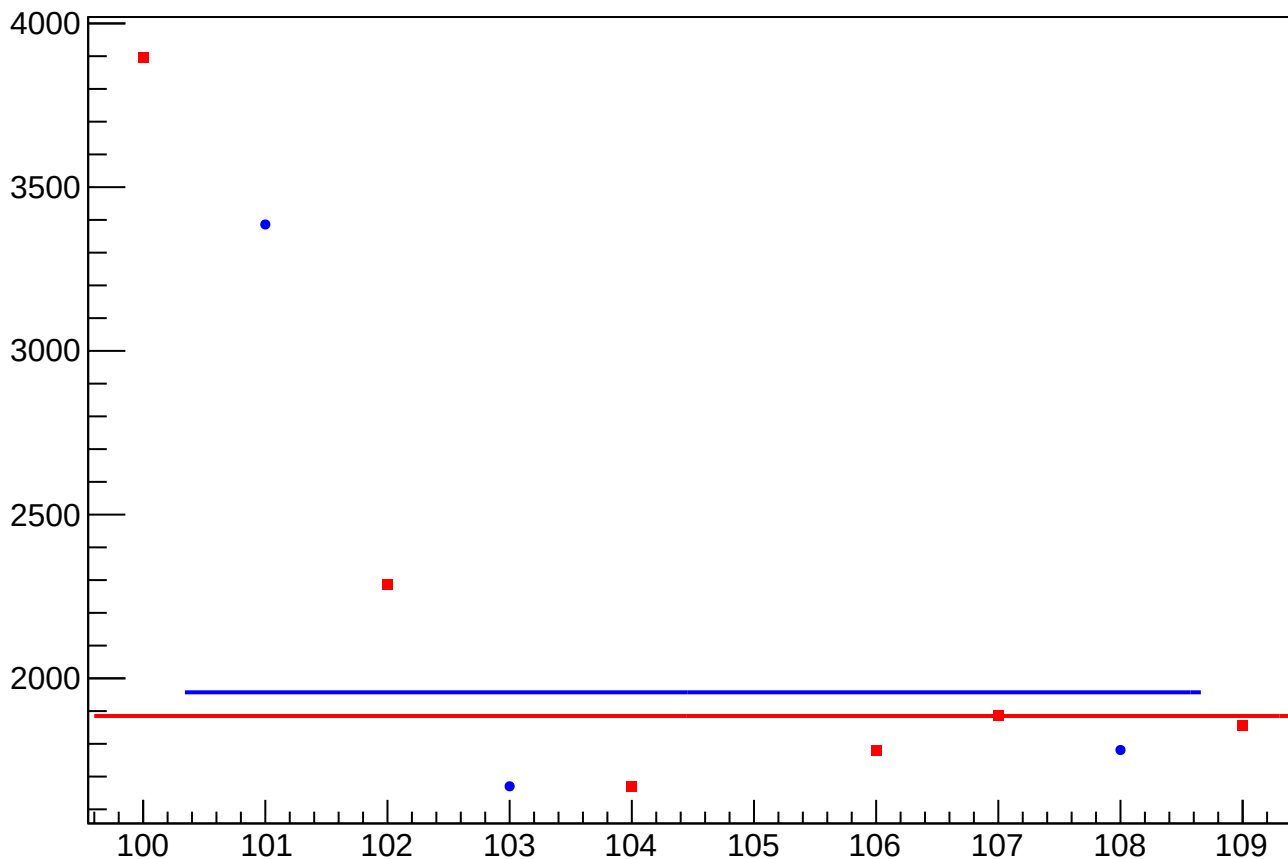
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.638+/-1012.009 χ^2/NDF : 14.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1957.307+/-1.132 χ^2/NDF : 275685.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.065+/-0.915 χ^2/NDF : 91418.8/5

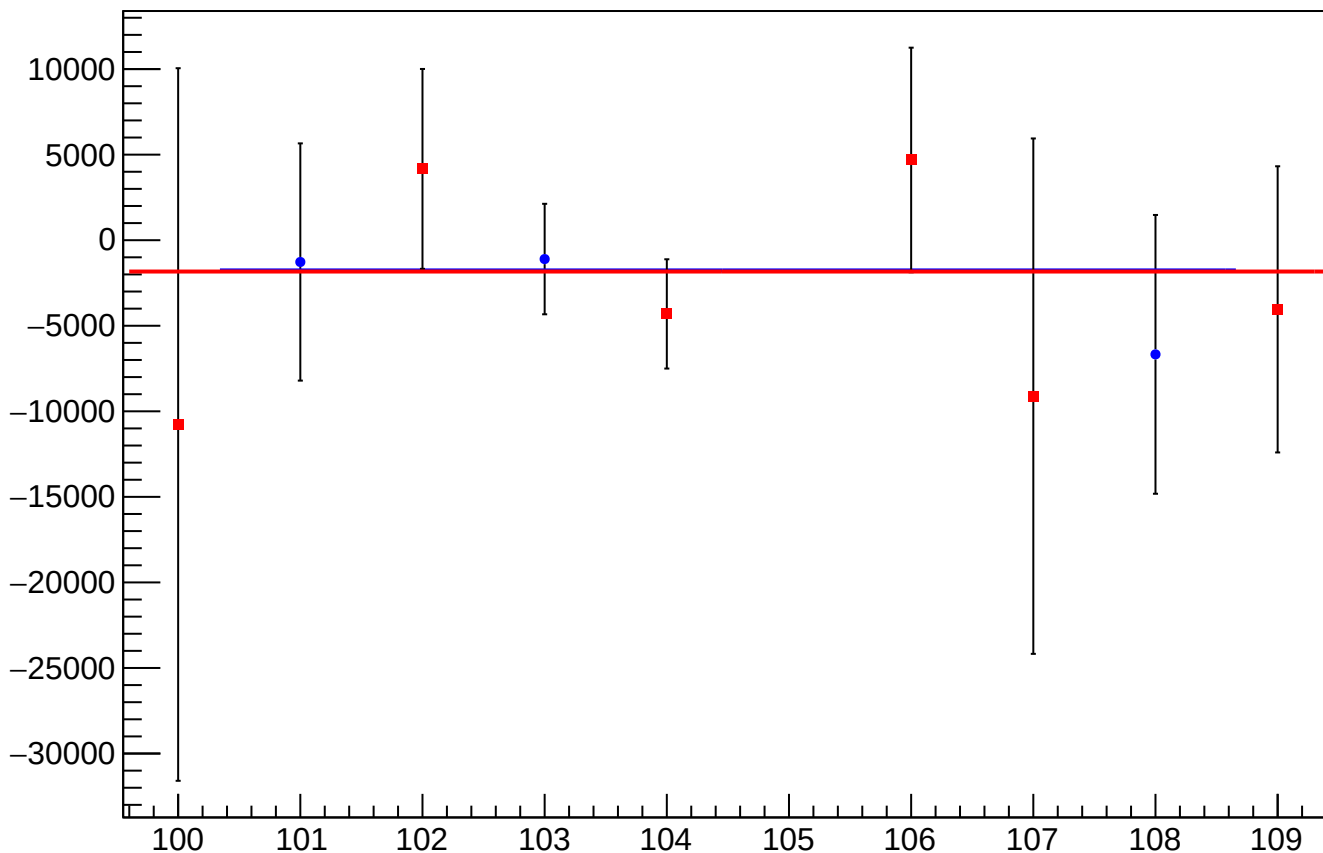
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1913.607+/-0.712 χ^2/NDF : 369567.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug



Right In: -1765.581+/-2754.239 χ^2 /NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1831.039+/-2414.039 χ^2 /NDF: 3.1/5

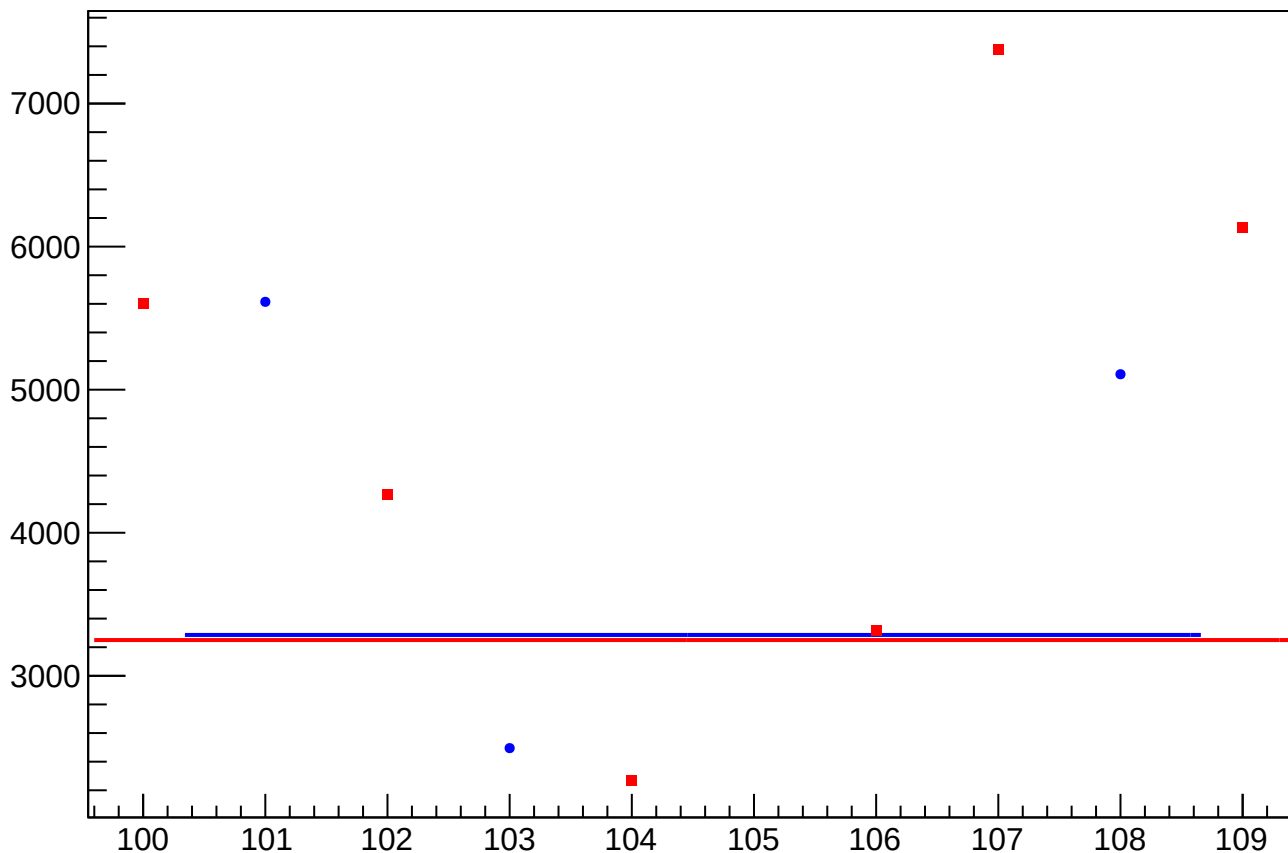
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1802.600+/-1815.416 χ^2 /NDF: 3.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug



Right In: 3285.803+/-1.948 χ^2/NDF : 445771.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3250.035+/-1.707 χ^2/NDF : 663391.1/5

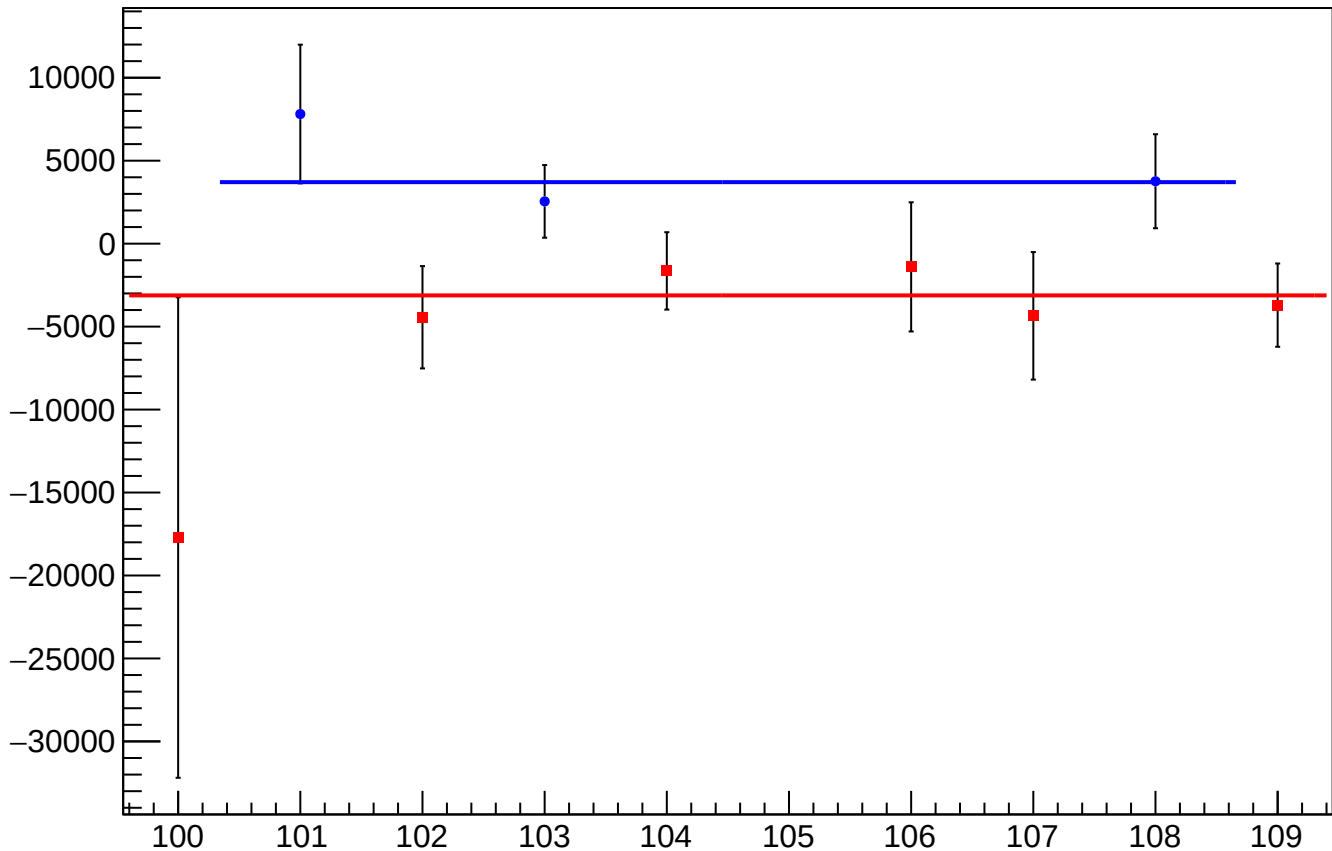
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3265.575+/-1.284 χ^2/NDF : 1109352.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 3707.368+/-1600.831 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3118.644+/-1306.116 χ^2/NDF : 2.0/5

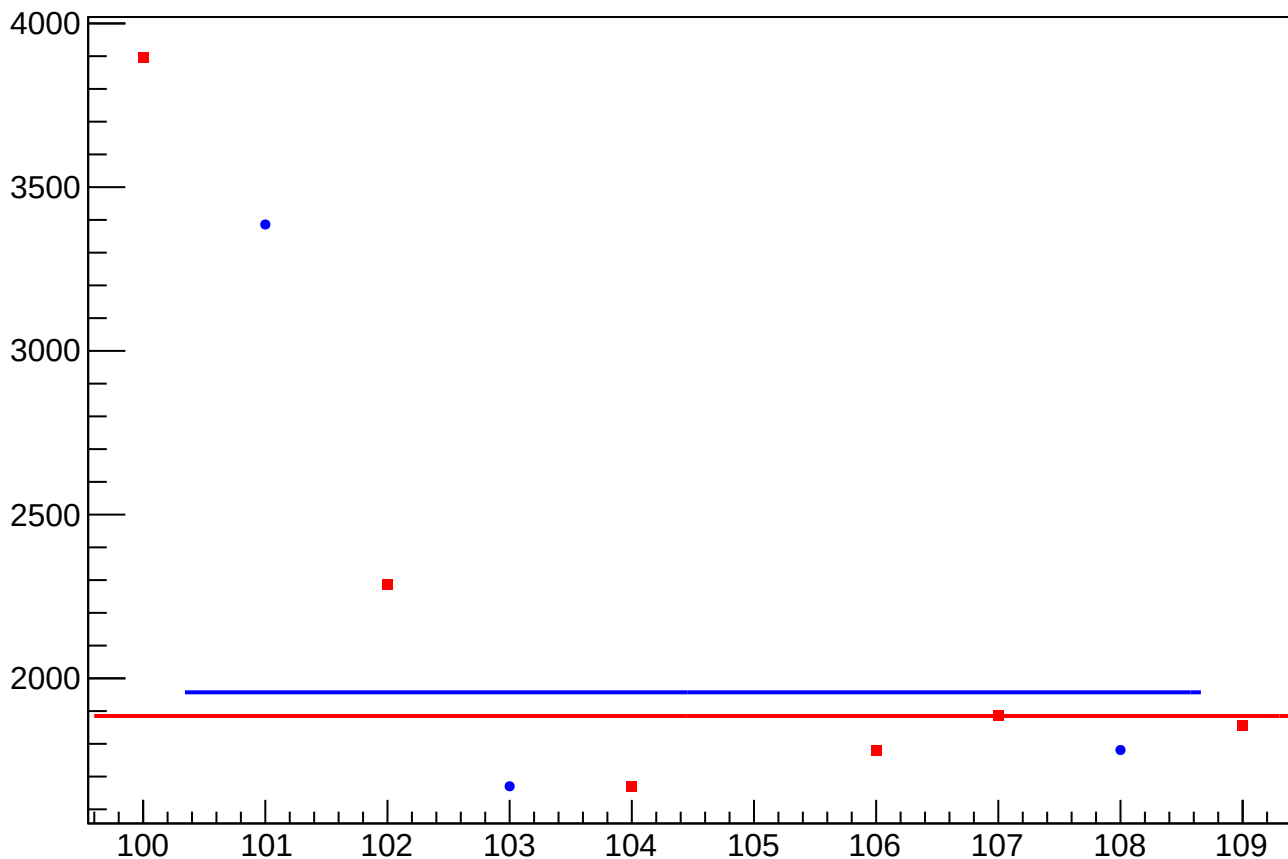
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.638+/-1012.009 χ^2/NDF : 14.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1957.307+/-1.132 χ^2/NDF : 275685.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1885.065+/-0.915 χ^2/NDF : 91418.8/5

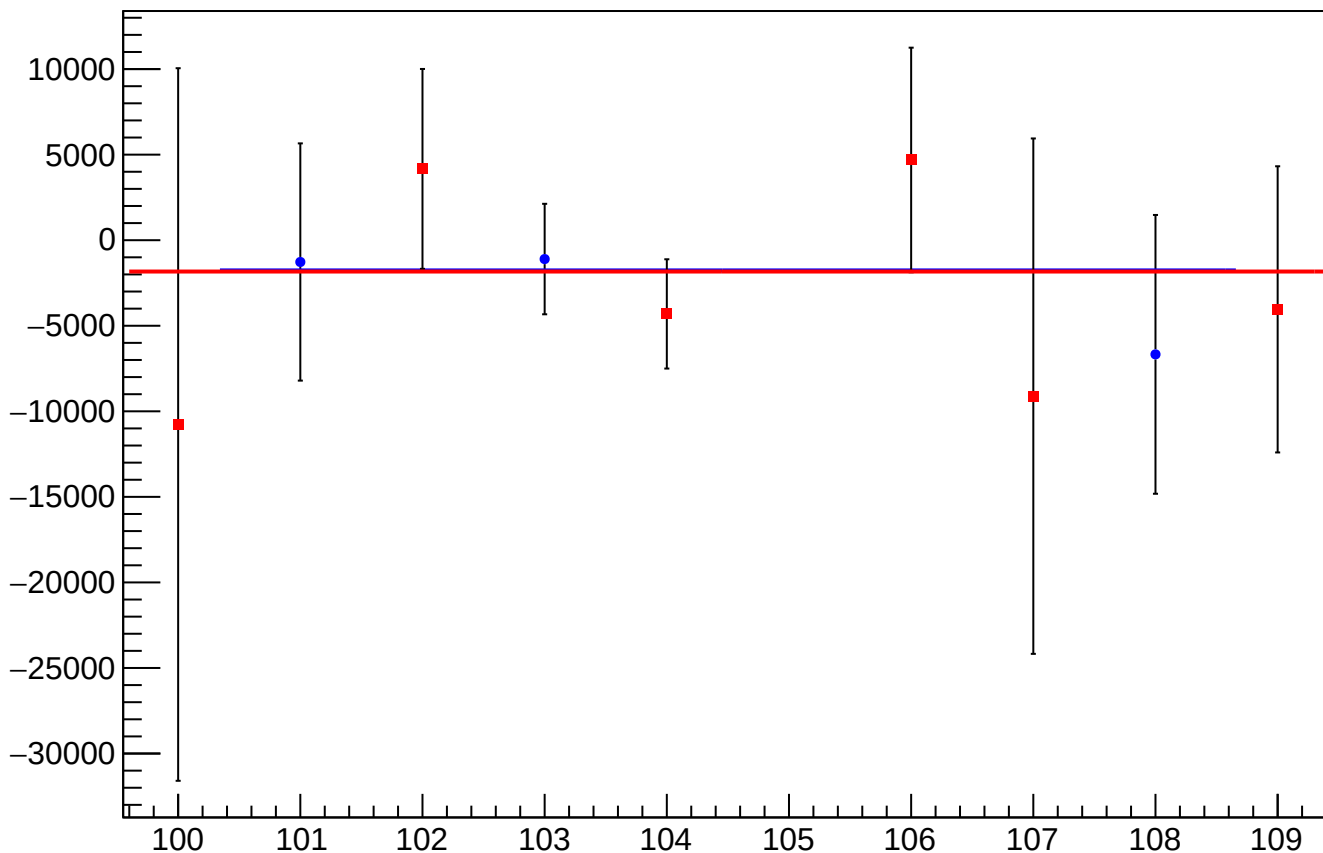
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1913.607+/-0.712 χ^2/NDF : 369567.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -1765.581+/-2754.239 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1831.039+/-2414.039 χ^2/NDF : 3.1/5

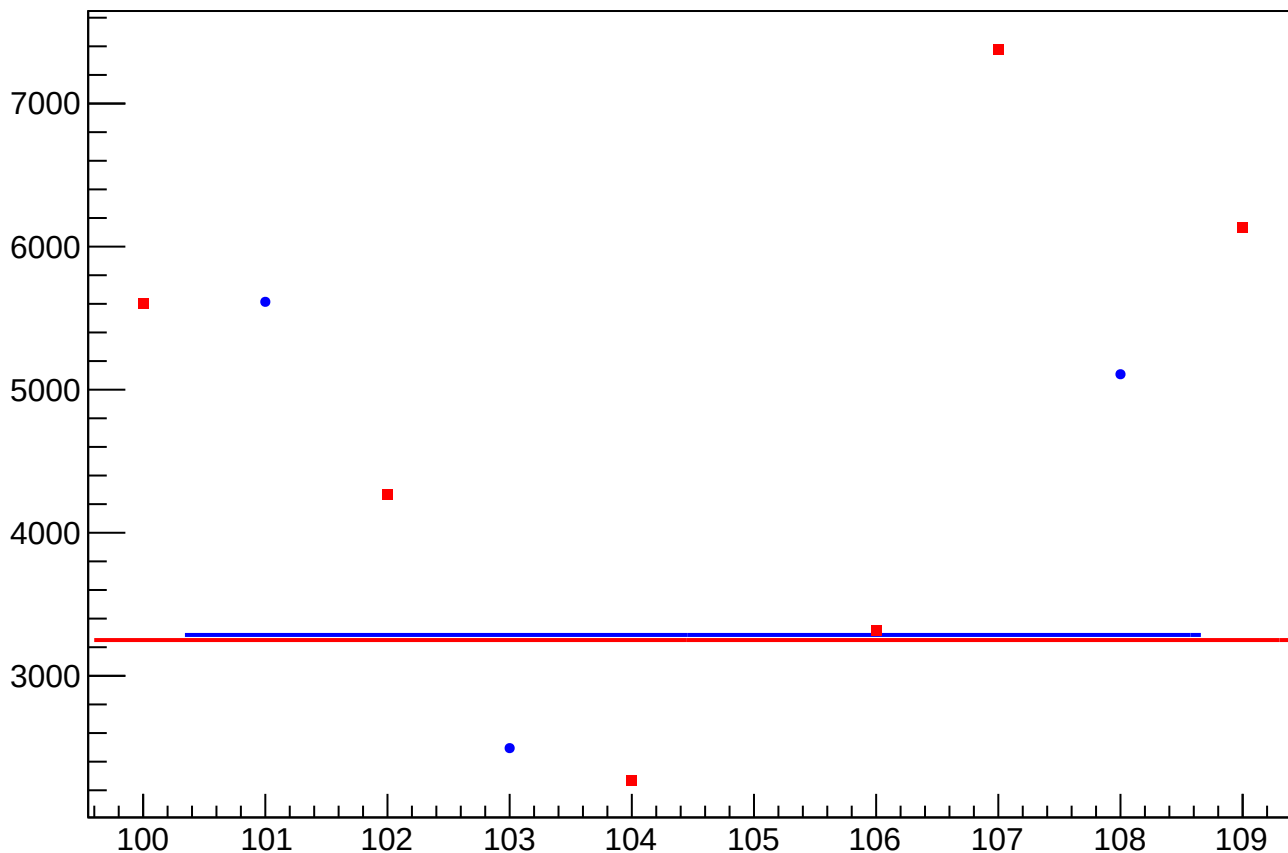
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1802.600+/-1815.416 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 3285.803+/-1.948 χ^2/NDF : 445771.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3250.035+/-1.707 χ^2/NDF : 663391.1/5

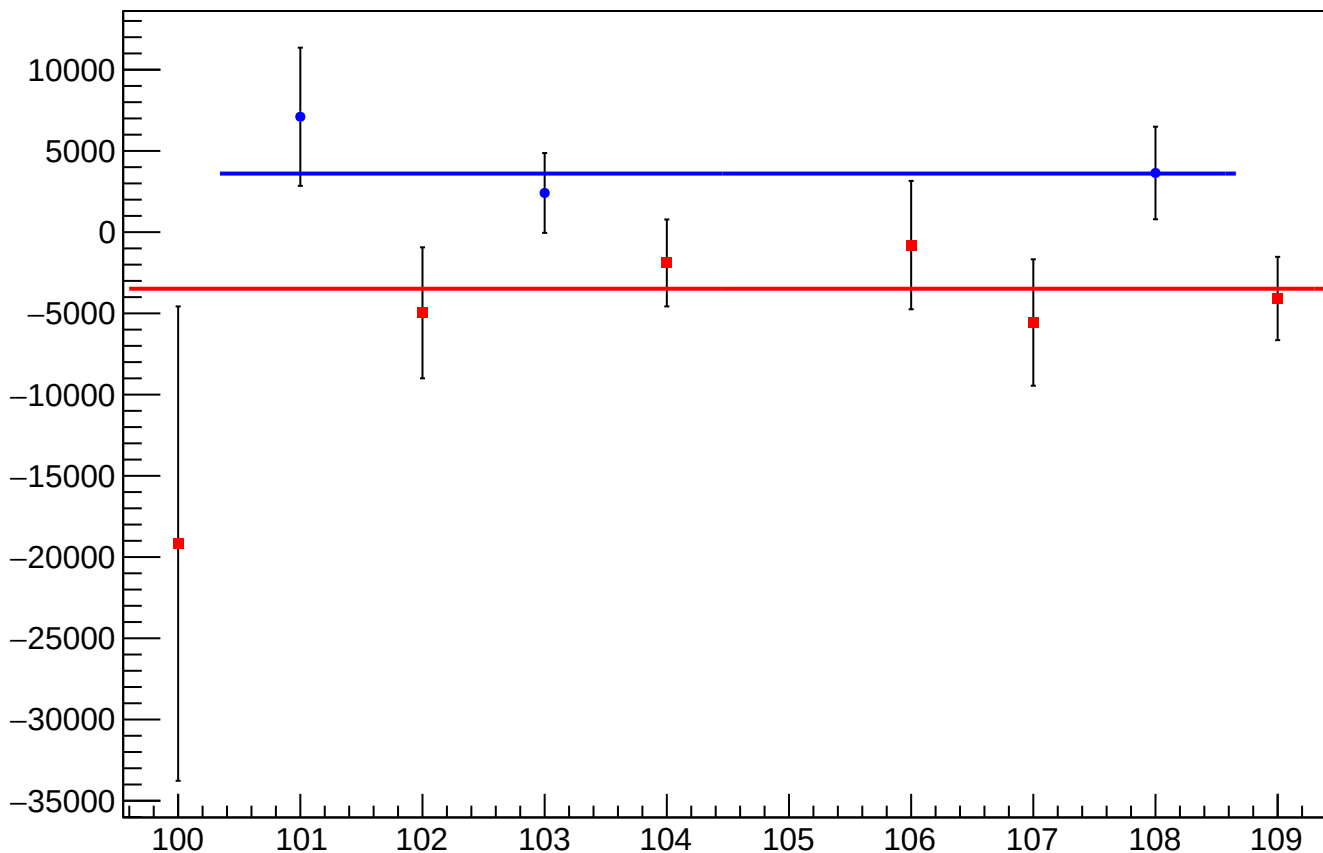
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3265.575+/-1.284 χ^2/NDF : 1109352.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 3605.688+/-1704.802 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3482.847+/-1431.372 χ^2/NDF : 2.4/5

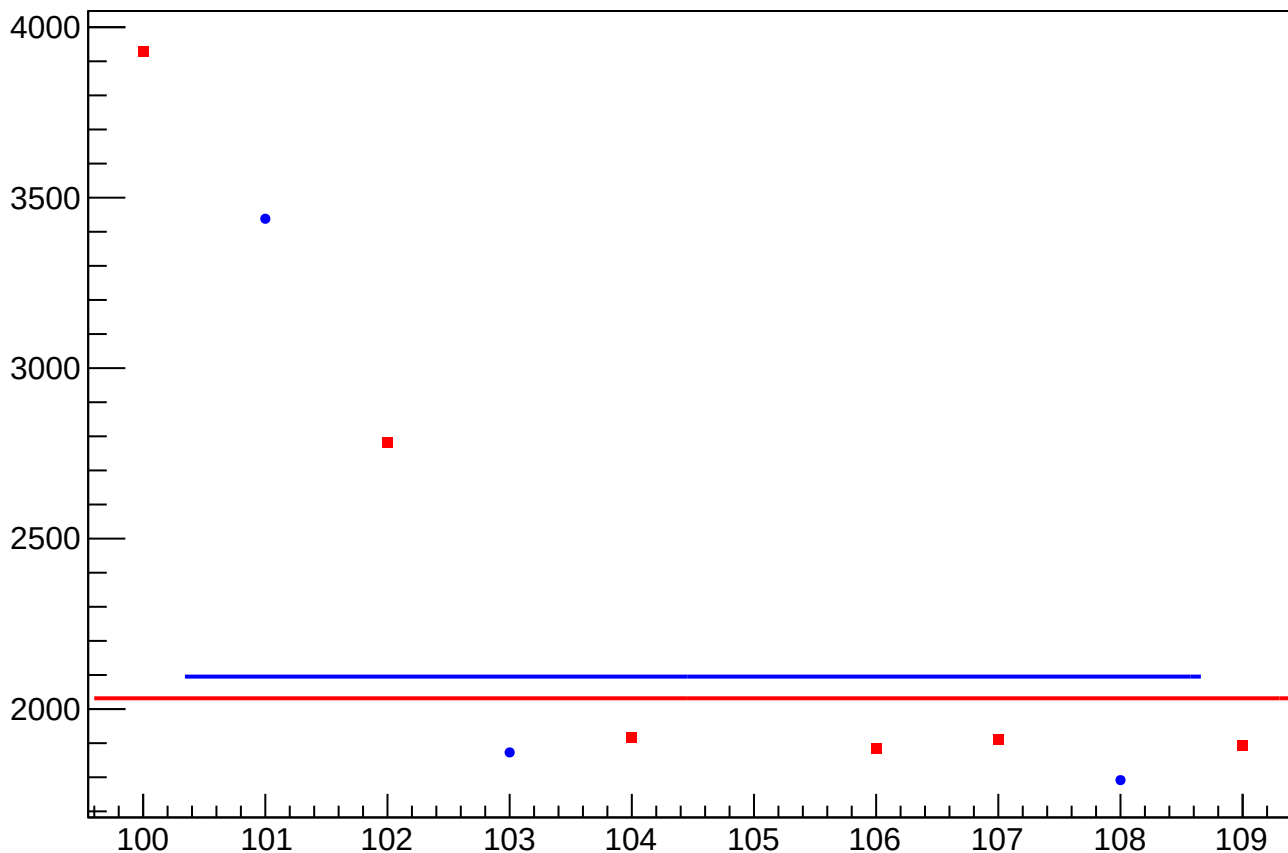
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -551.938+/-1096.218 χ^2/NDF : 13.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 2095.267+/-1.205 χ^2/NDF : 238458.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2031.636+/-1.008 χ^2/NDF : 117253.7/5

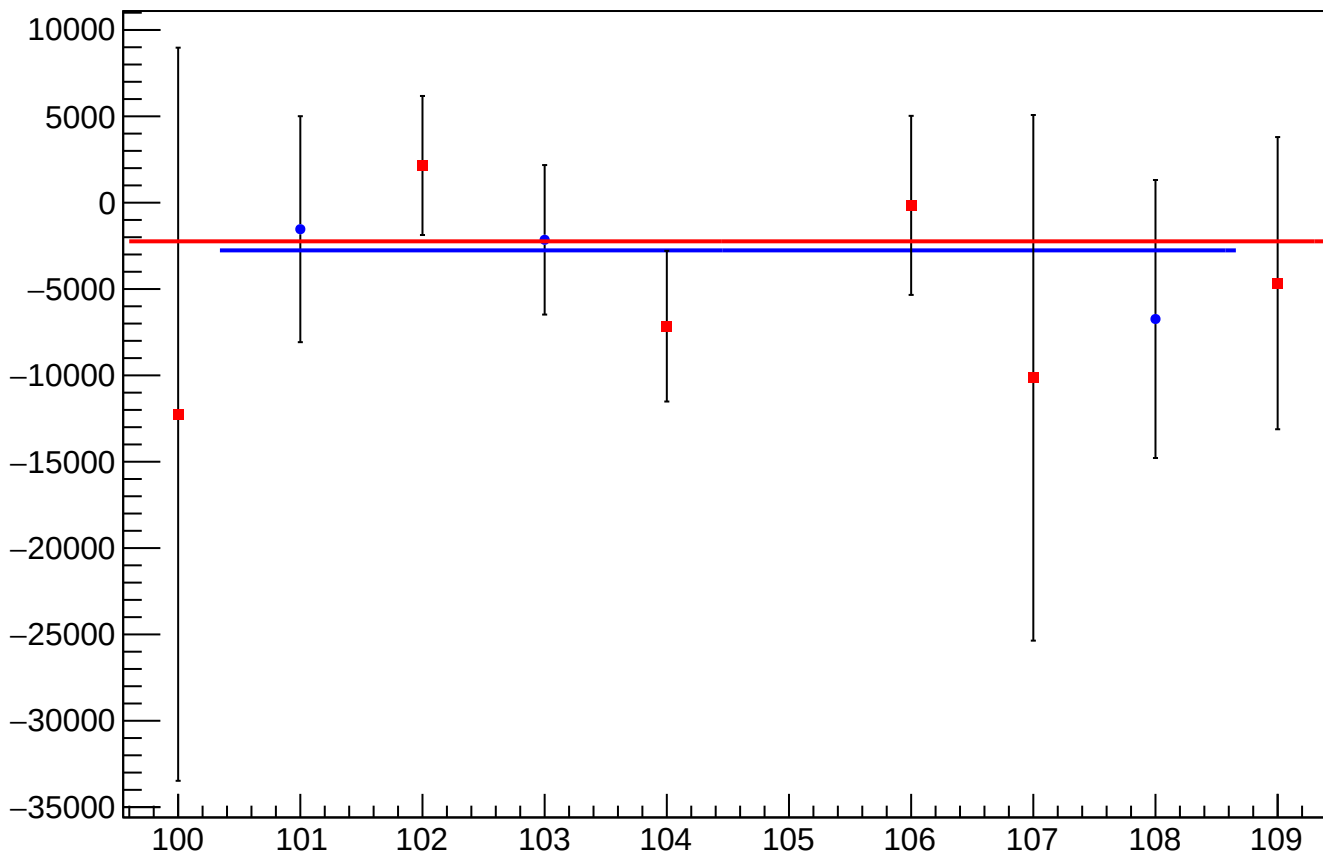
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2057.815+/-0.773 χ^2/NDF : 357351.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug



Right In: -2762.151+/-3294.077 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2238.042+/-2411.346 χ^2/NDF : 3.2/5

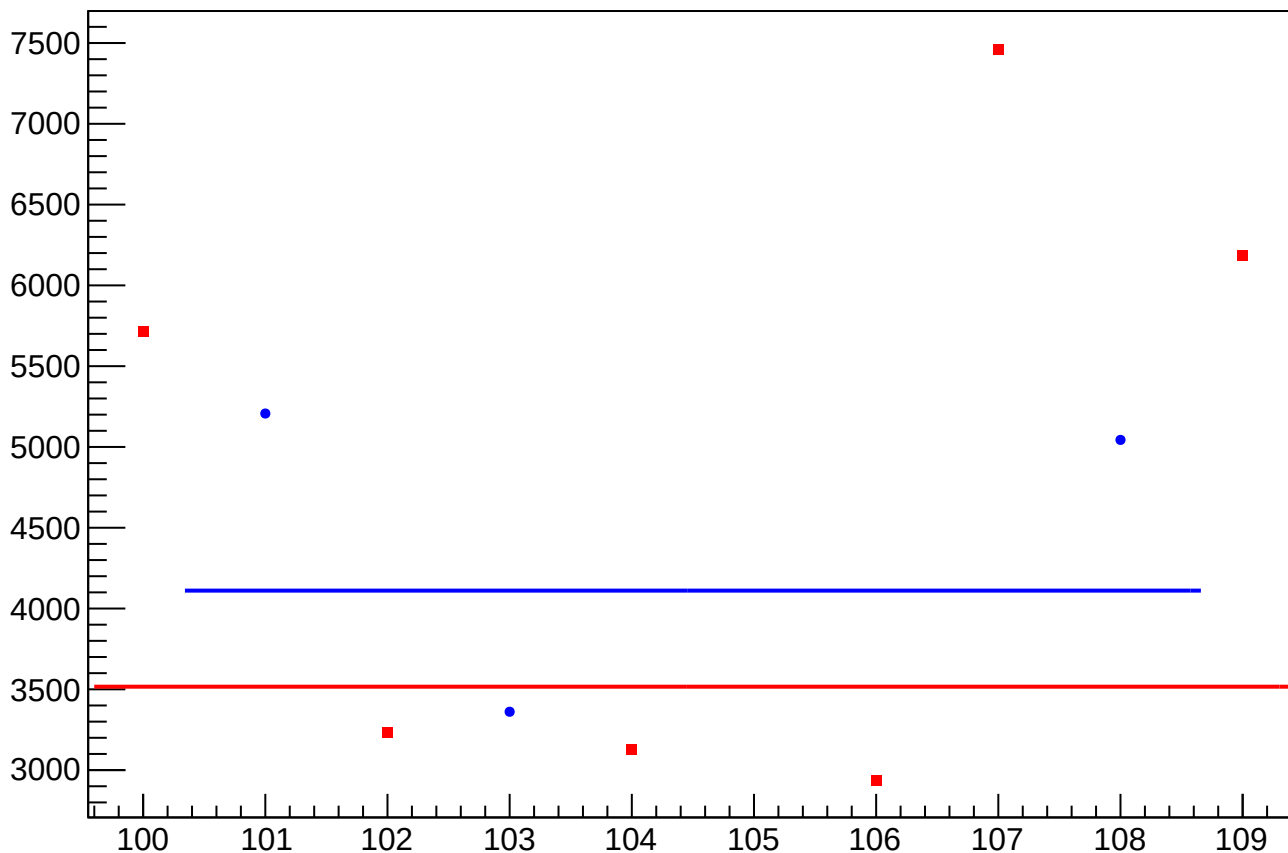
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2420.903+/-1945.735 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug



Right In: 4110.870+/-2.329 χ^2/NDF : 142972.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3516.279+/-1.705 χ^2/NDF : 405664.7/5

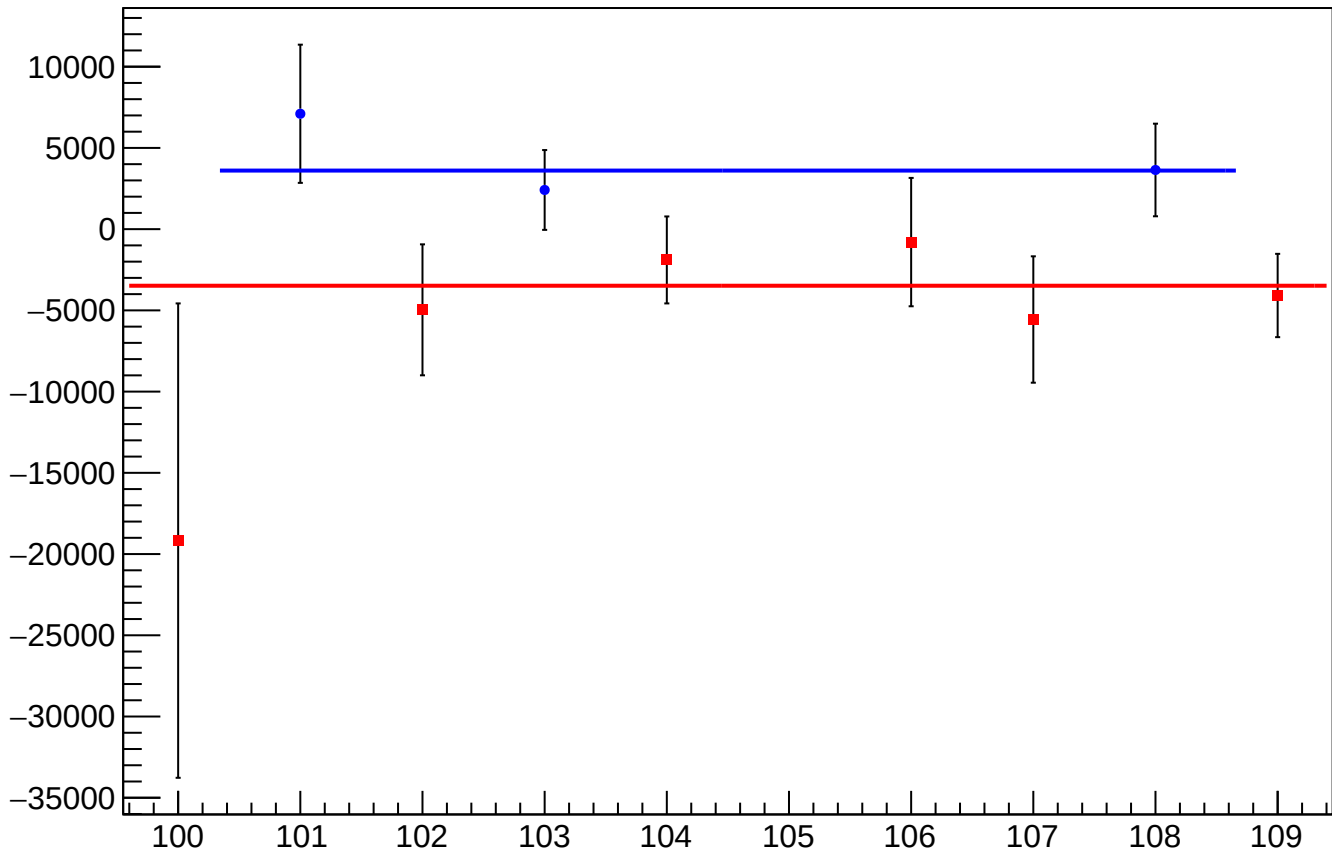
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3723.731+/-1.376 χ^2/NDF : 591064.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 3605.685+/-1704.801 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3482.830+/-1431.371 χ^2/NDF : 2.4/5

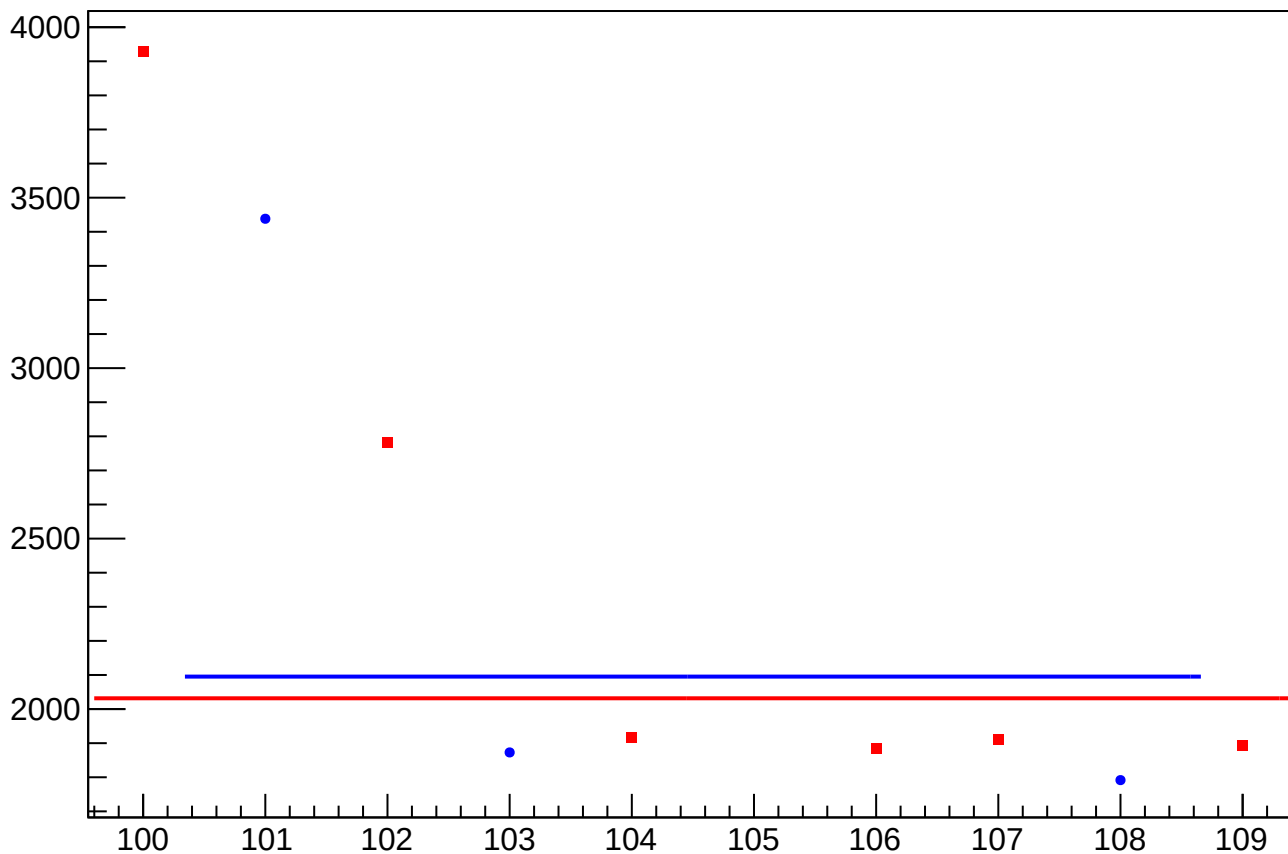
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -551.929+/-1096.217 χ^2/NDF : 13.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 2095.266+/-1.205 χ^2/NDF : 238458.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

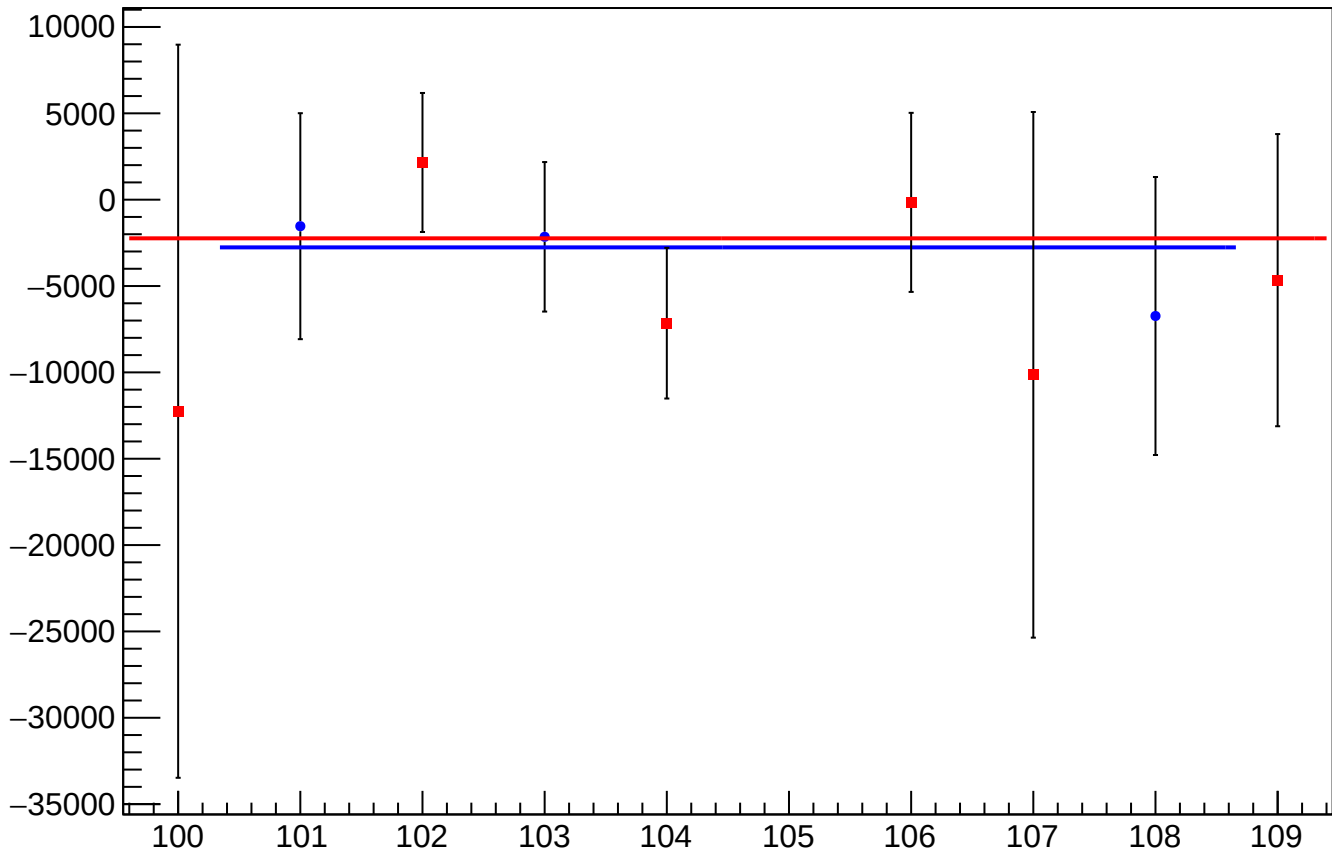
Right Out: 2031.634+/-1.008 χ^2/NDF : 117253.3/5

All: 2057.813+/-0.773 χ^2/NDF : 357352.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -2762.153+/-3294.071 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2238.037+/-2411.340 χ^2/NDF : 3.2/5

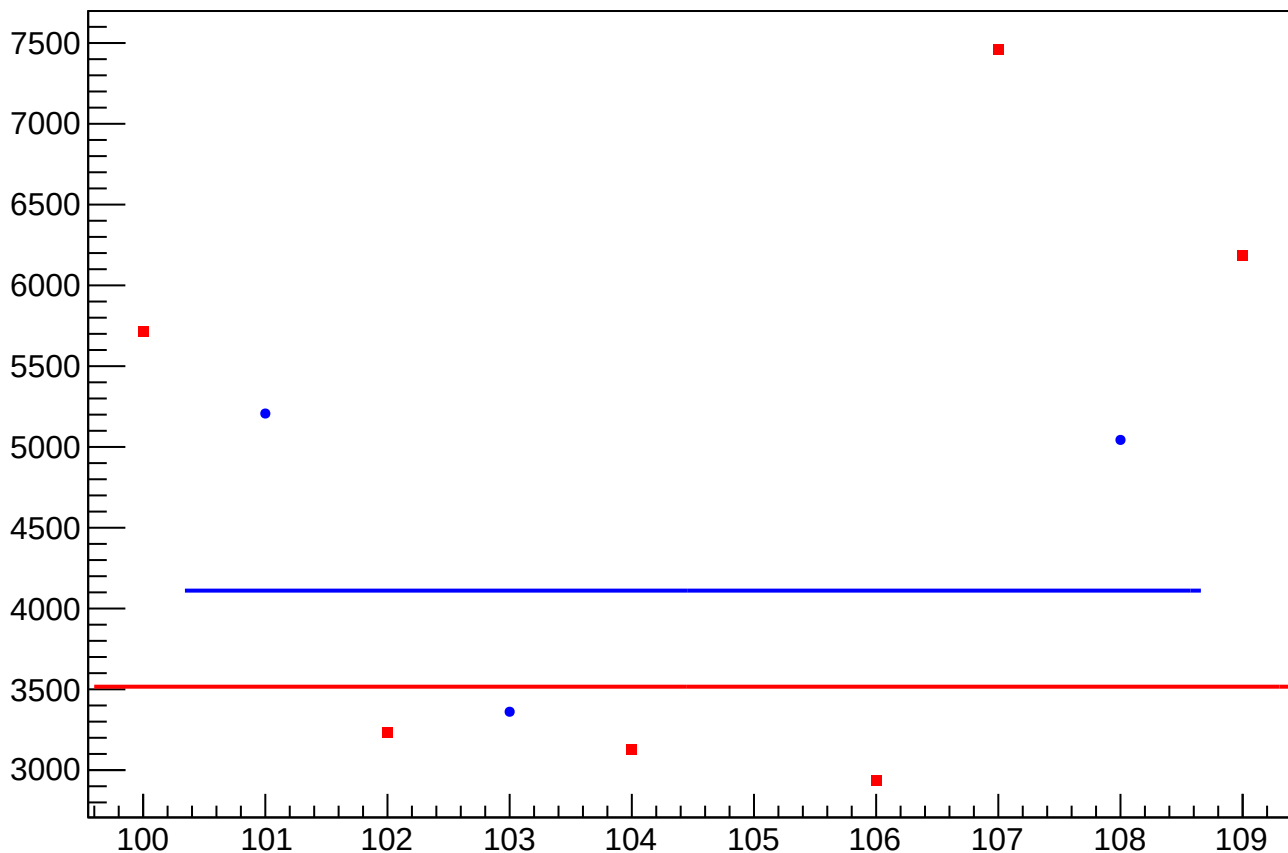
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2420.900+/-1945.731 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 4110.861+/-2.329 χ^2/NDF : 142973.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3516.271+/-1.705 χ^2/NDF : 405664.7/5

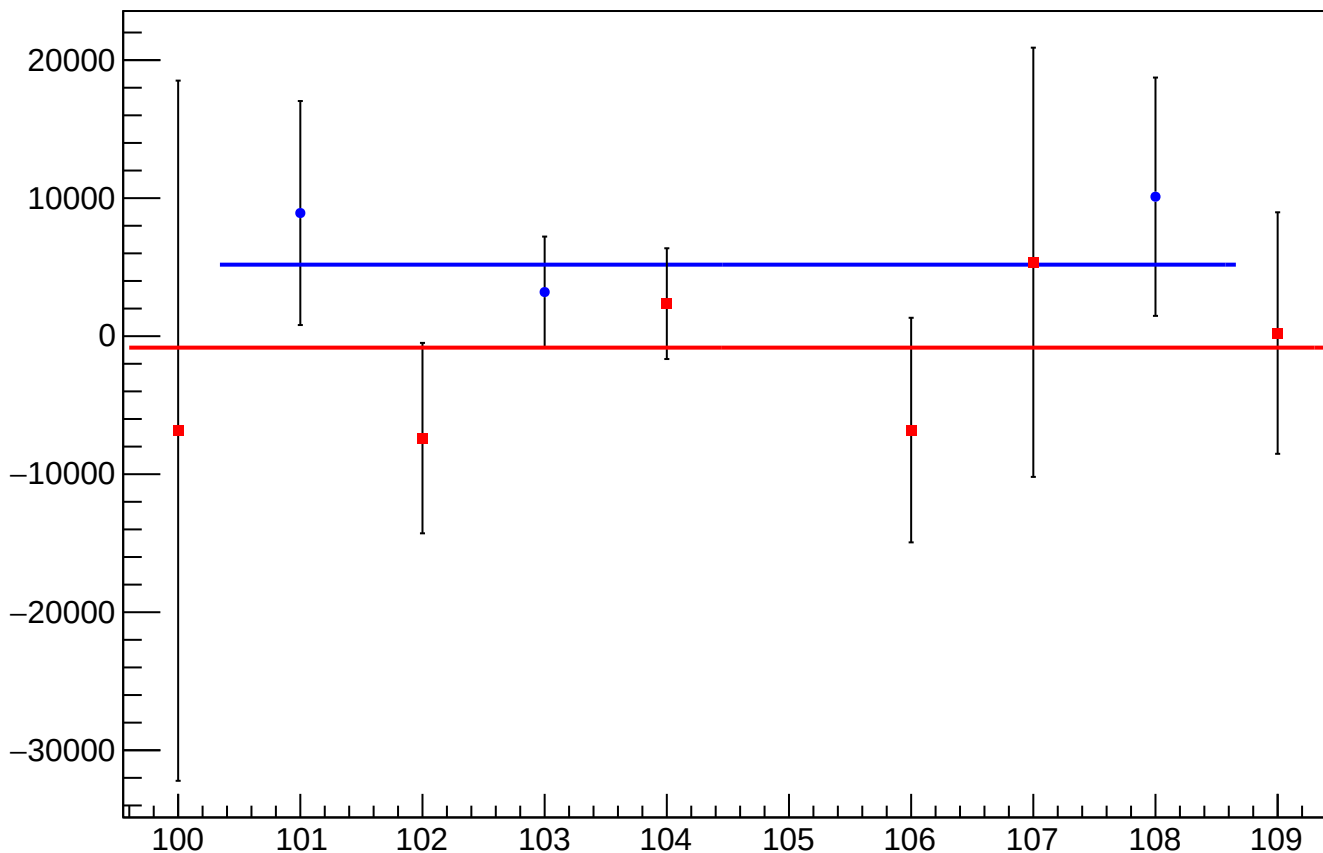
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3723.723+/-1.376 χ^2/NDF : 591065.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5181.060 $\pm$ 3323.873 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -830.173 $\pm$ 2923.511 χ^2 /NDF: 2.3/5

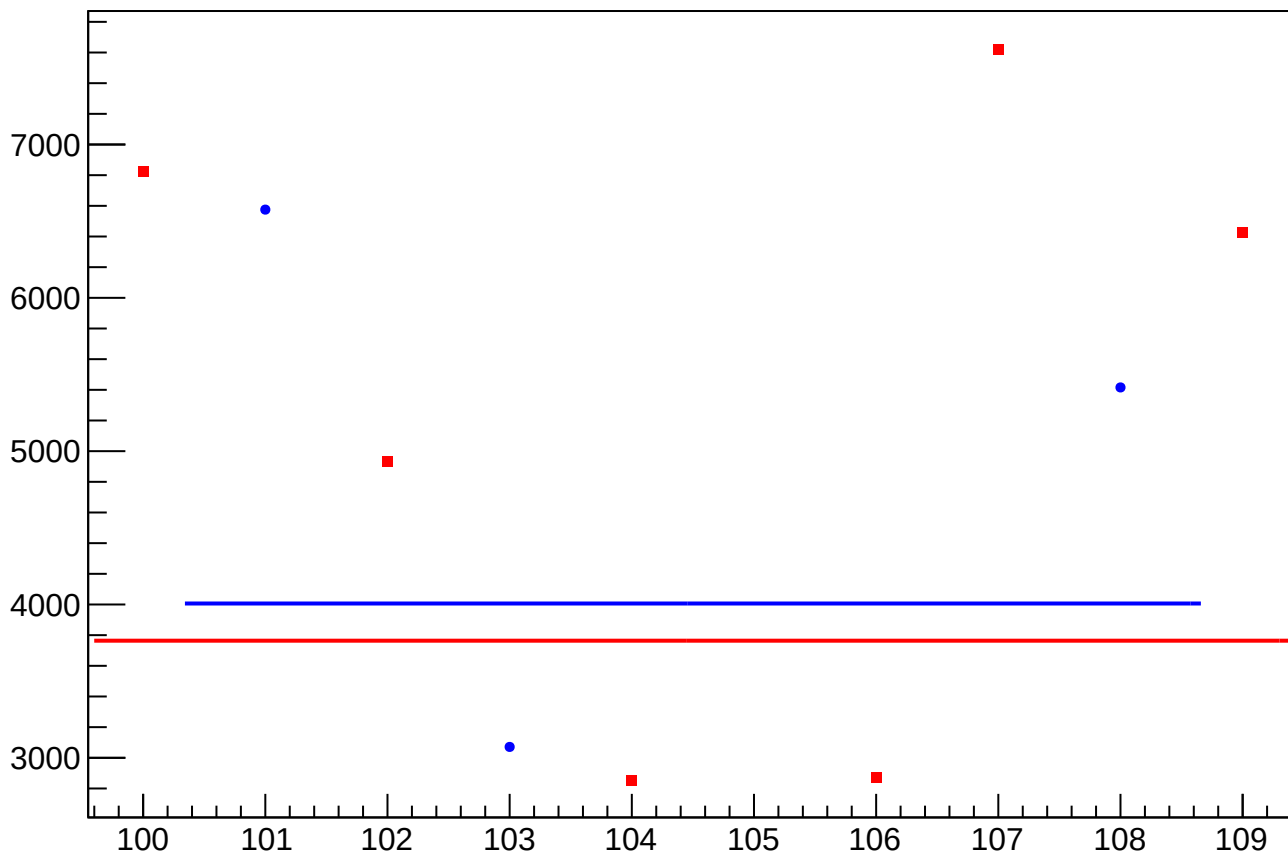
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1791.791 $\pm$ 2195.210 χ^2 /NDF: 4.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 4006.449+/-2.350 χ^2/NDF : 362062.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3763.902+/-1.974 χ^2/NDF : 540137.4/5

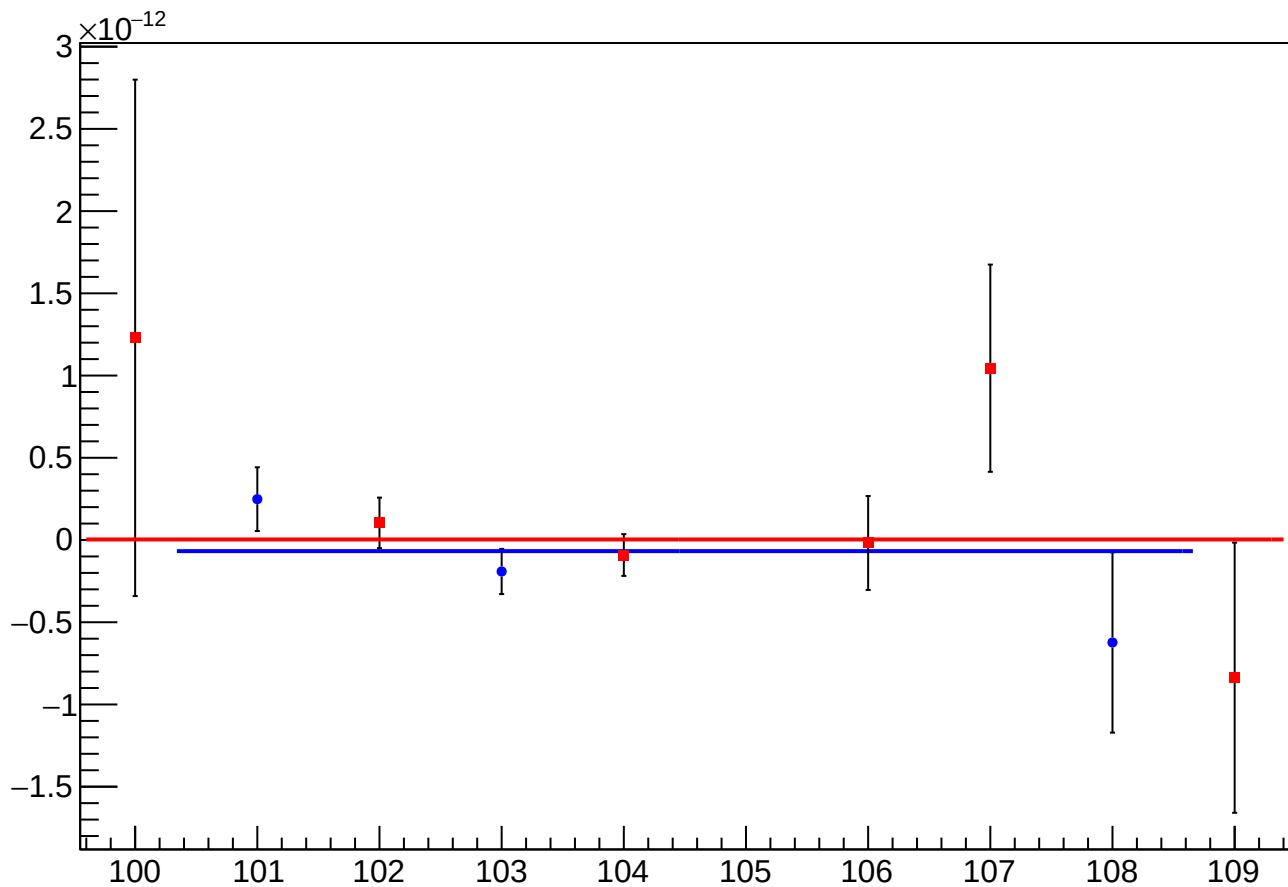
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3864.257+/-1.512 χ^2/NDF : 908444.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.4/5

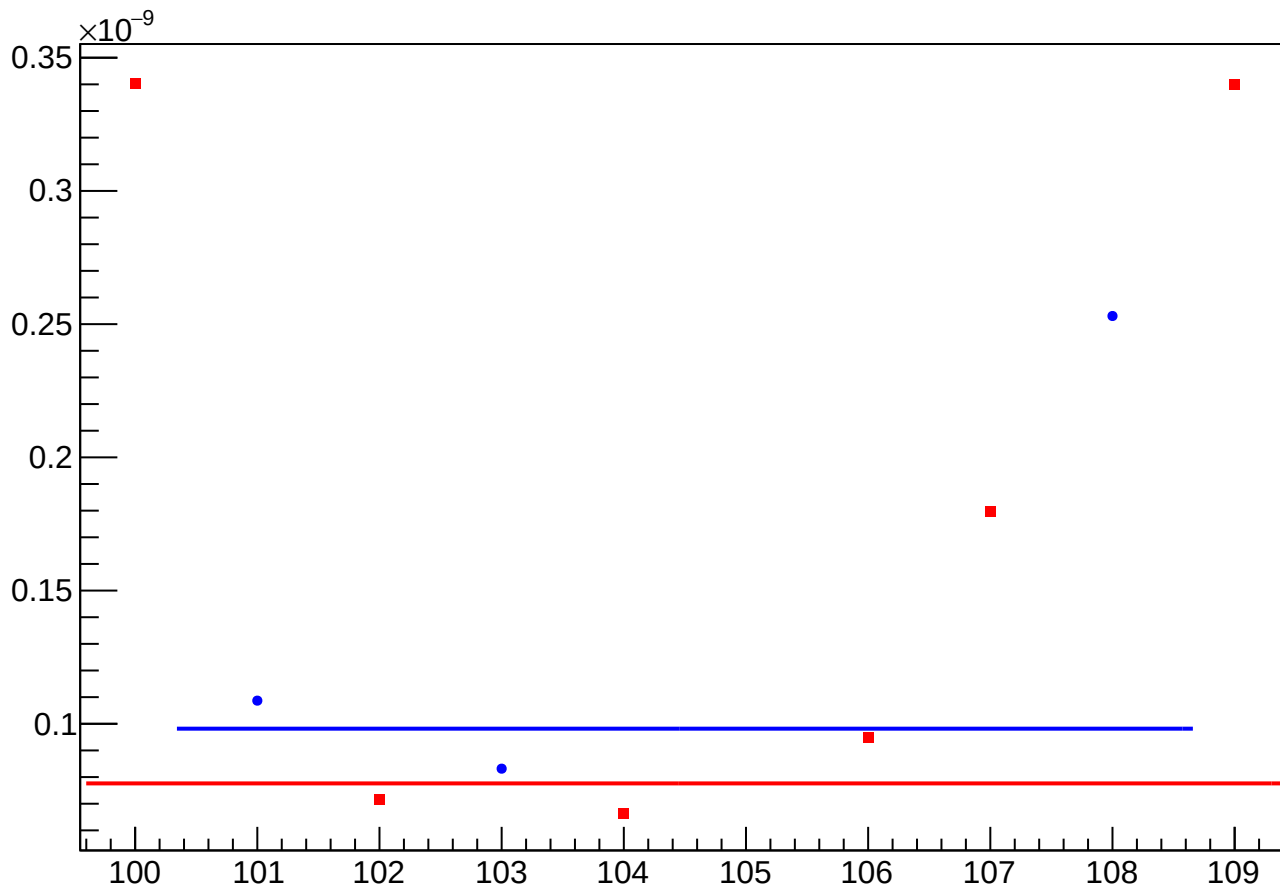
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 189397.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 338759.6/5

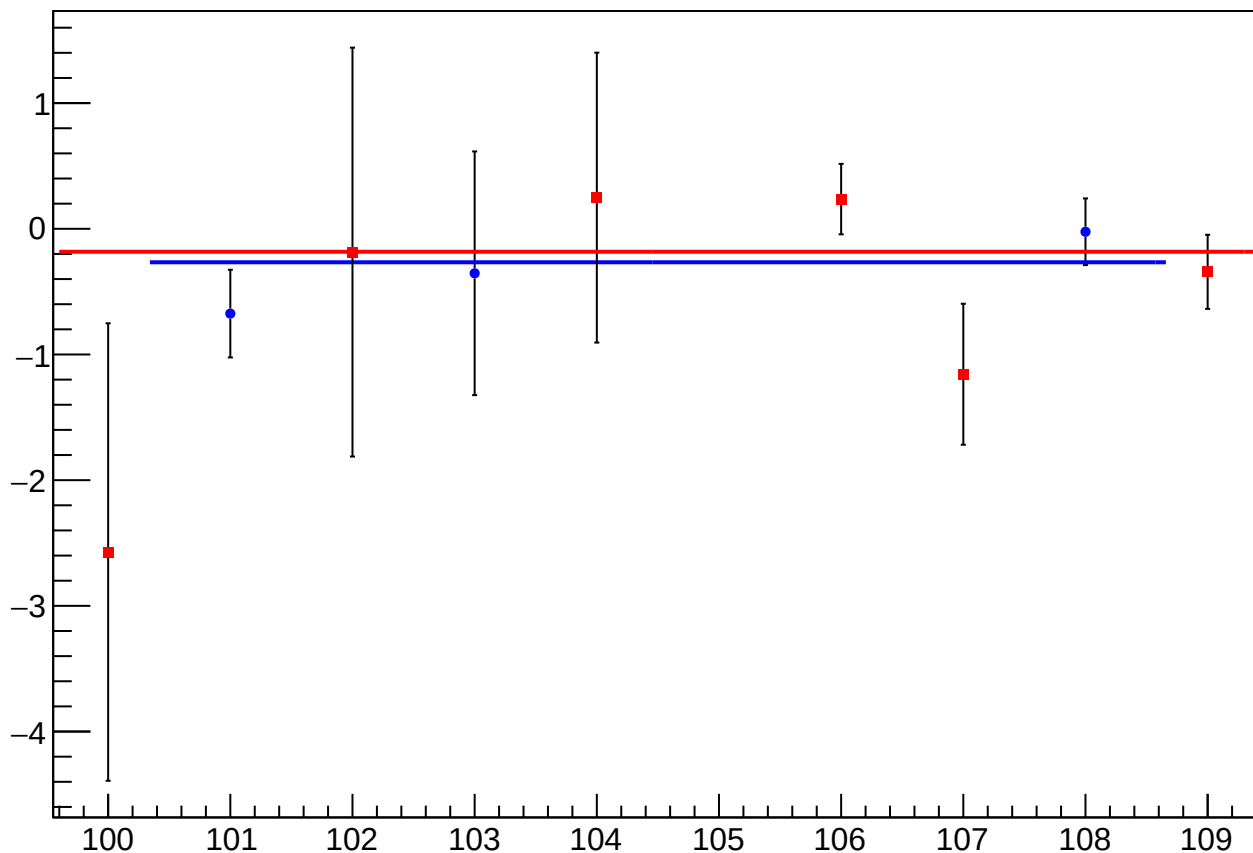
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 569699.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.266 $\pm$ 0.206 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.186 χ^2 /NDF: 7.4/5

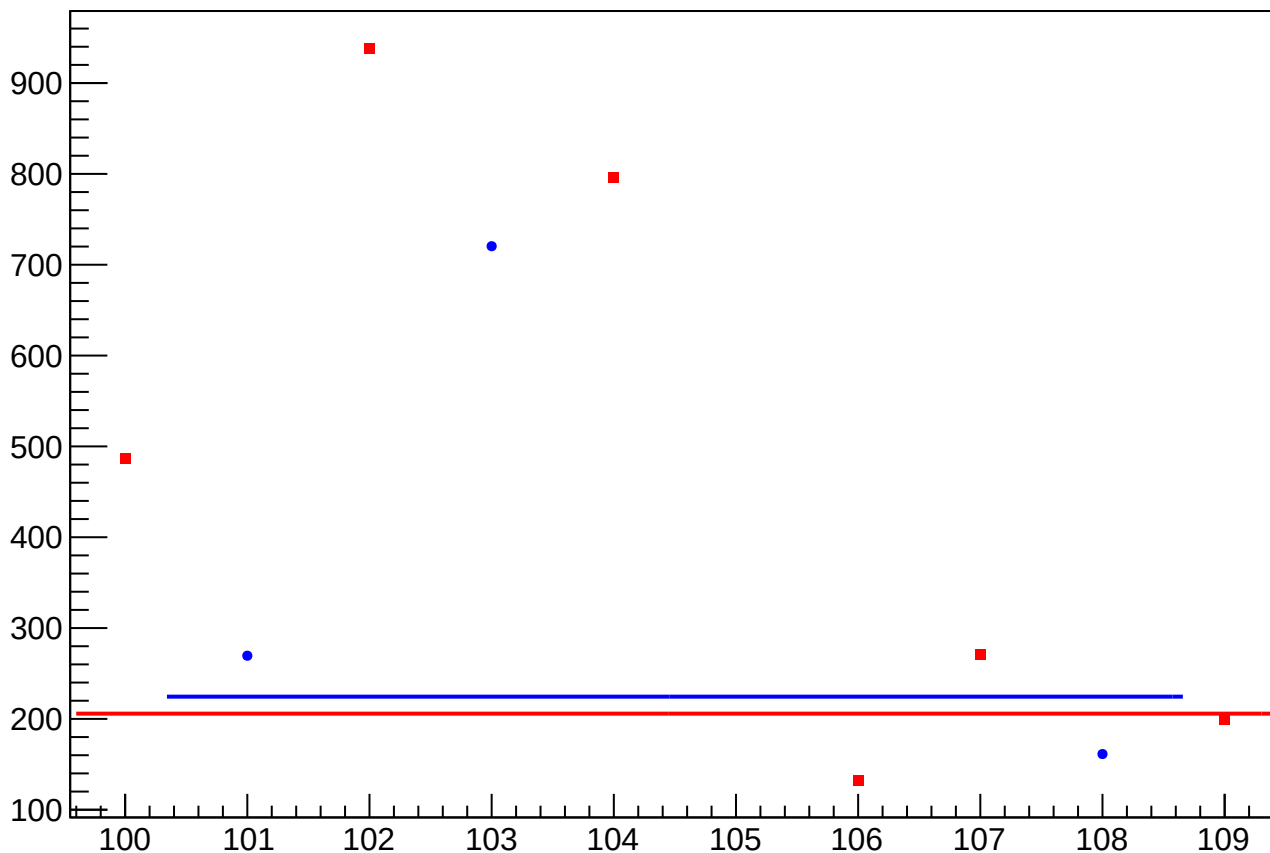
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.220 $\pm$ 0.138 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 224.498+/-0.146 χ^2/NDF : 670159.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142338.2/5

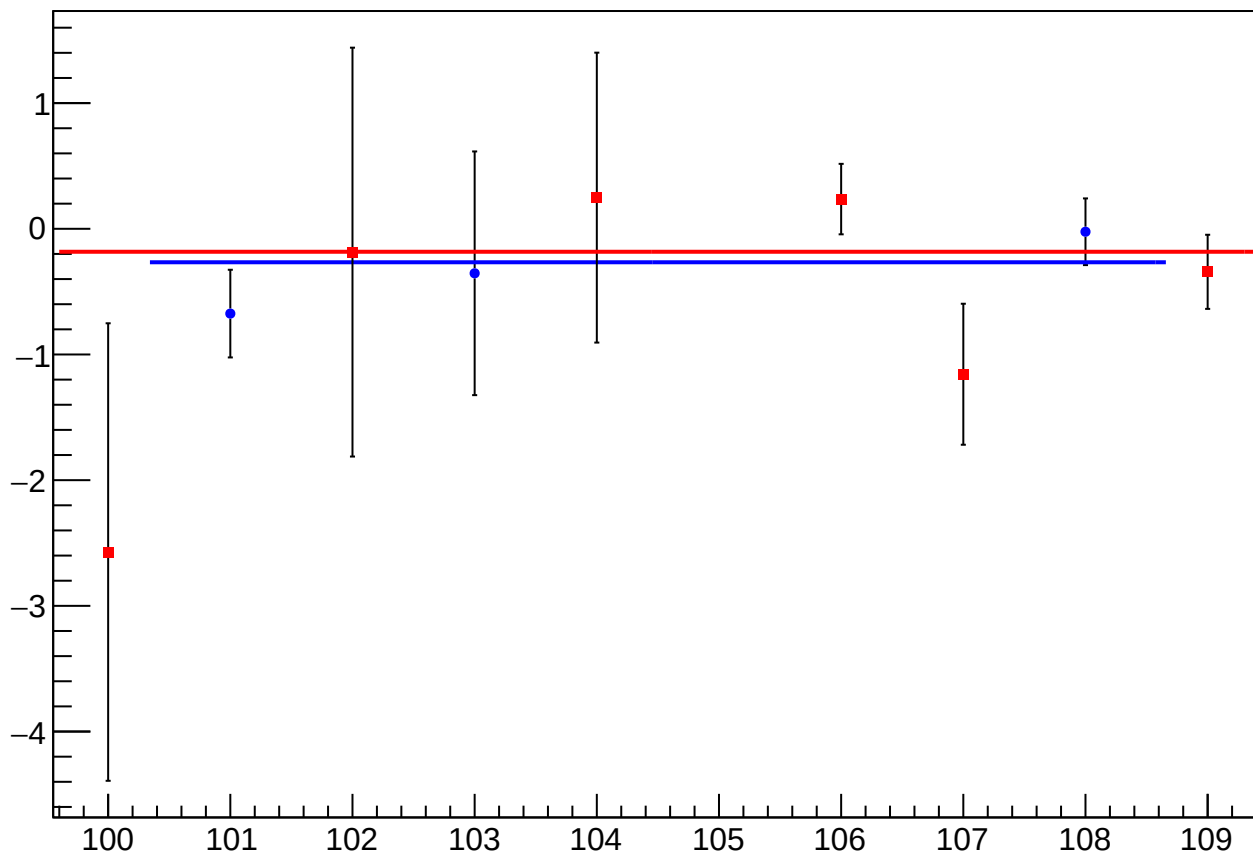
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.191+/-0.098 χ^2/NDF : 1821559.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.266 $\pm$ 0.206 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.186 χ^2 /NDF: 7.4/5

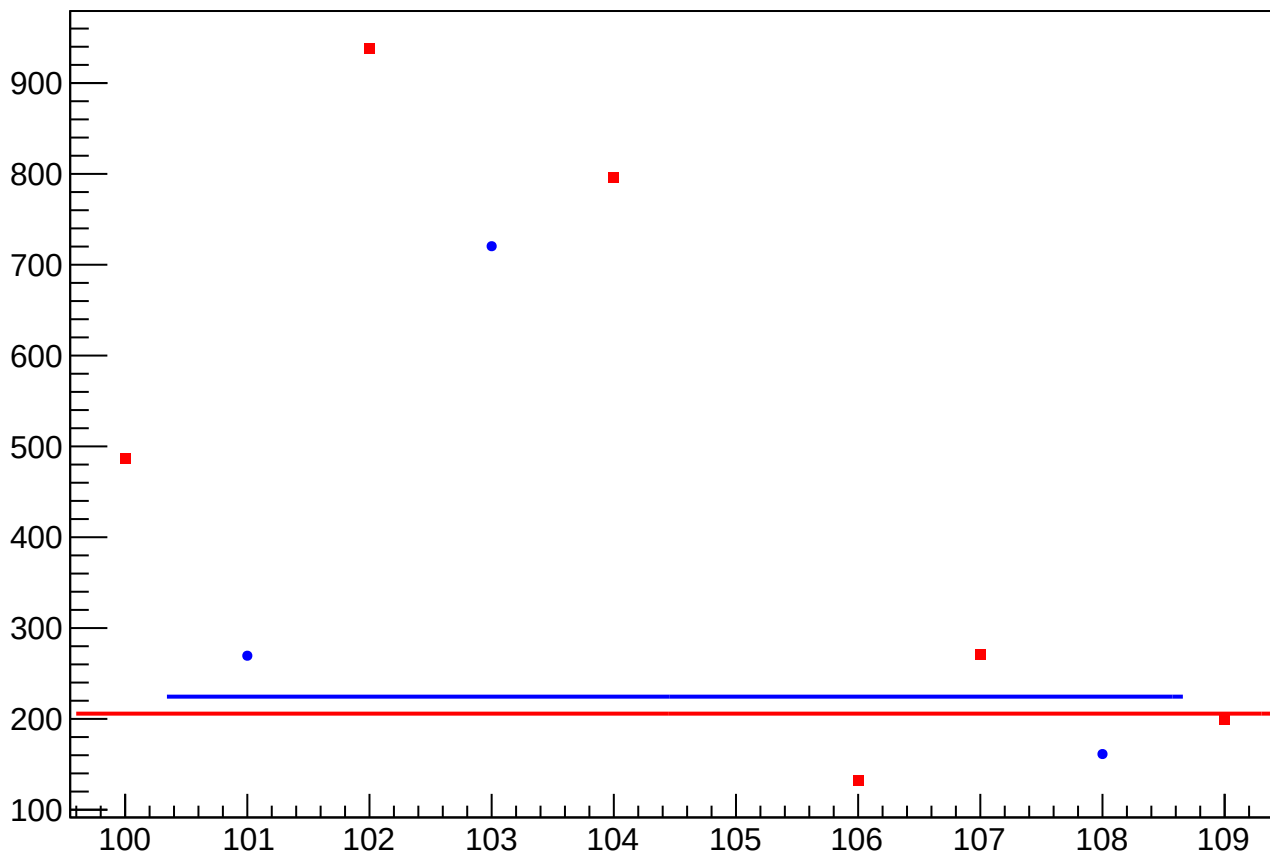
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.220 $\pm$ 0.138 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 224.498+/-0.146 χ^2/NDF : 670159.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142338.2/5

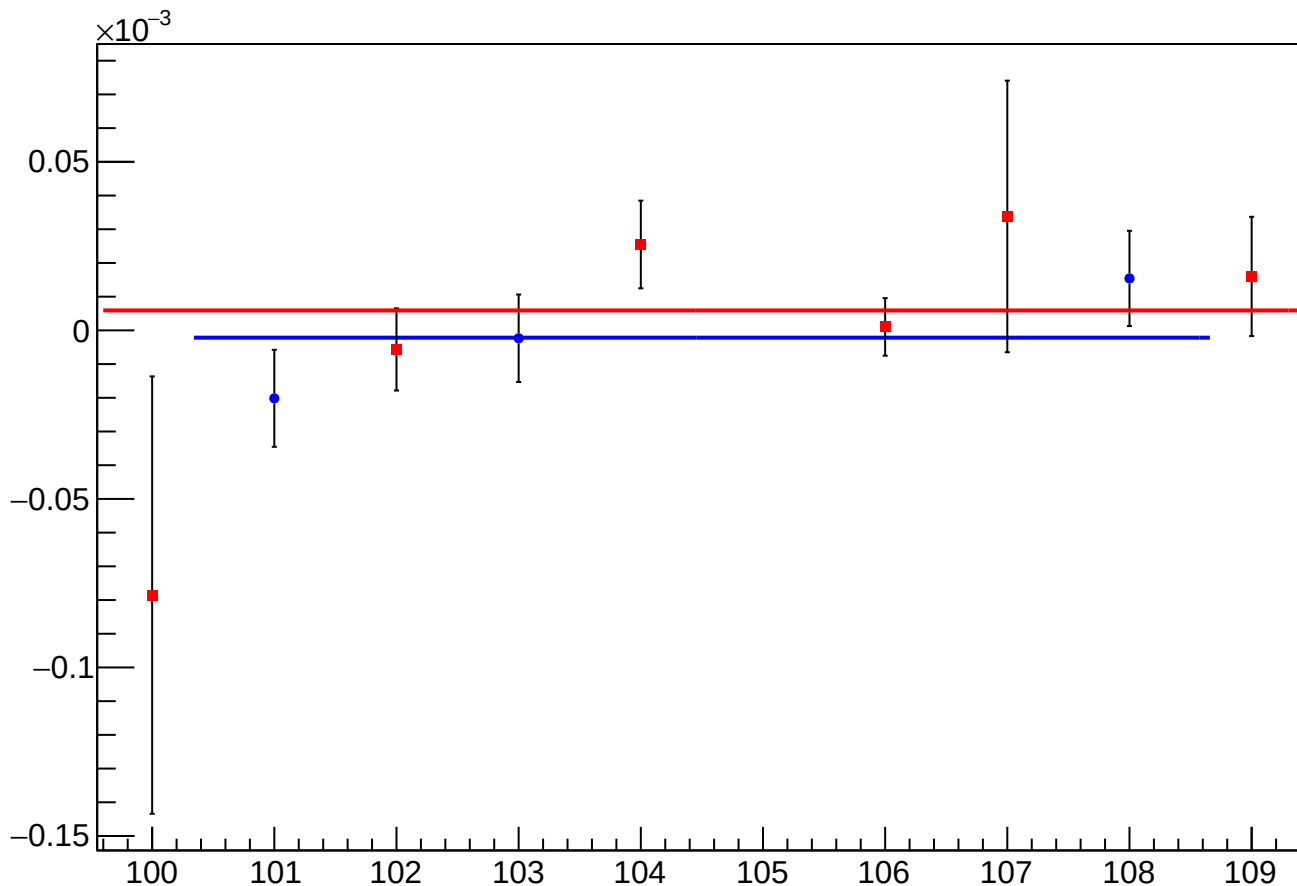
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.191+/-0.098 χ^2/NDF : 1821559.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/5

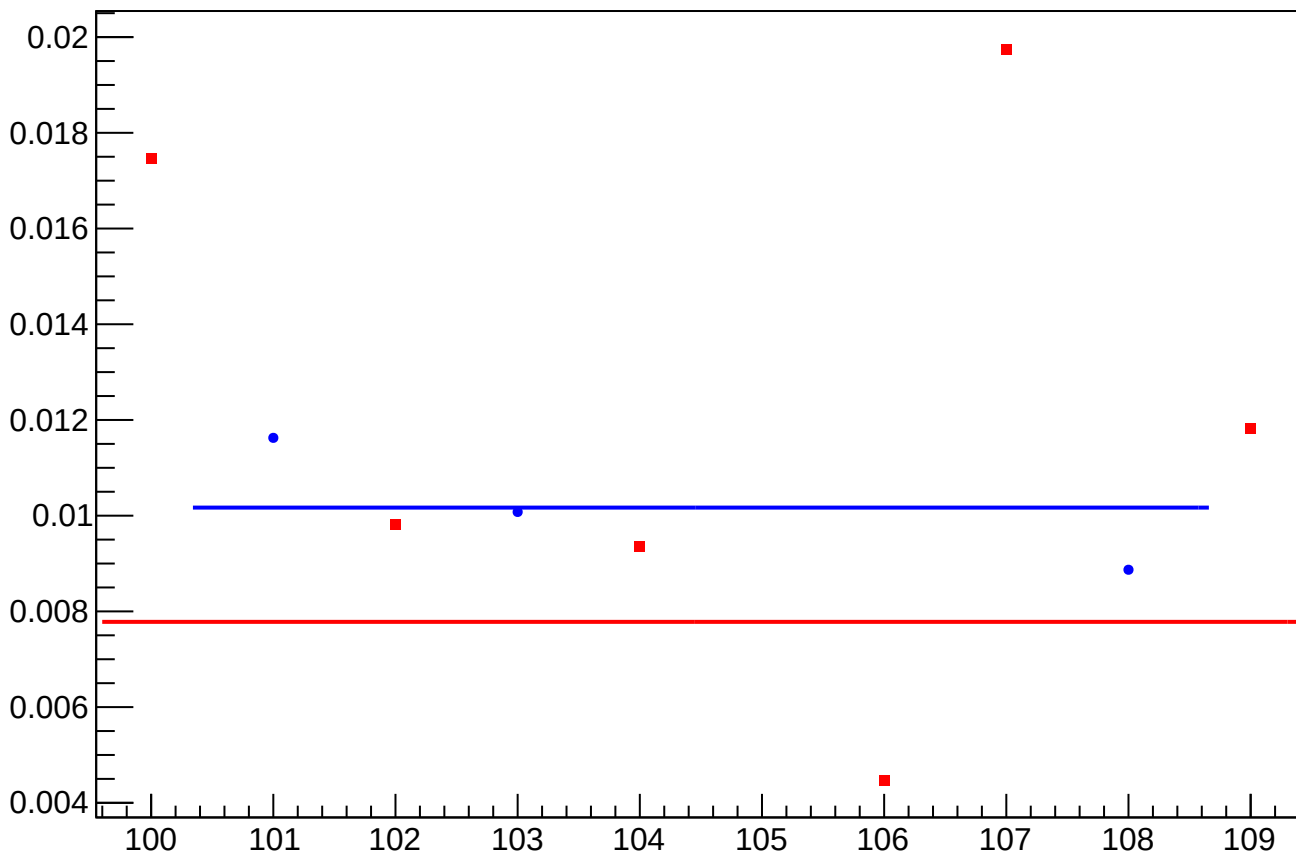
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 37514.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 711371.5/5

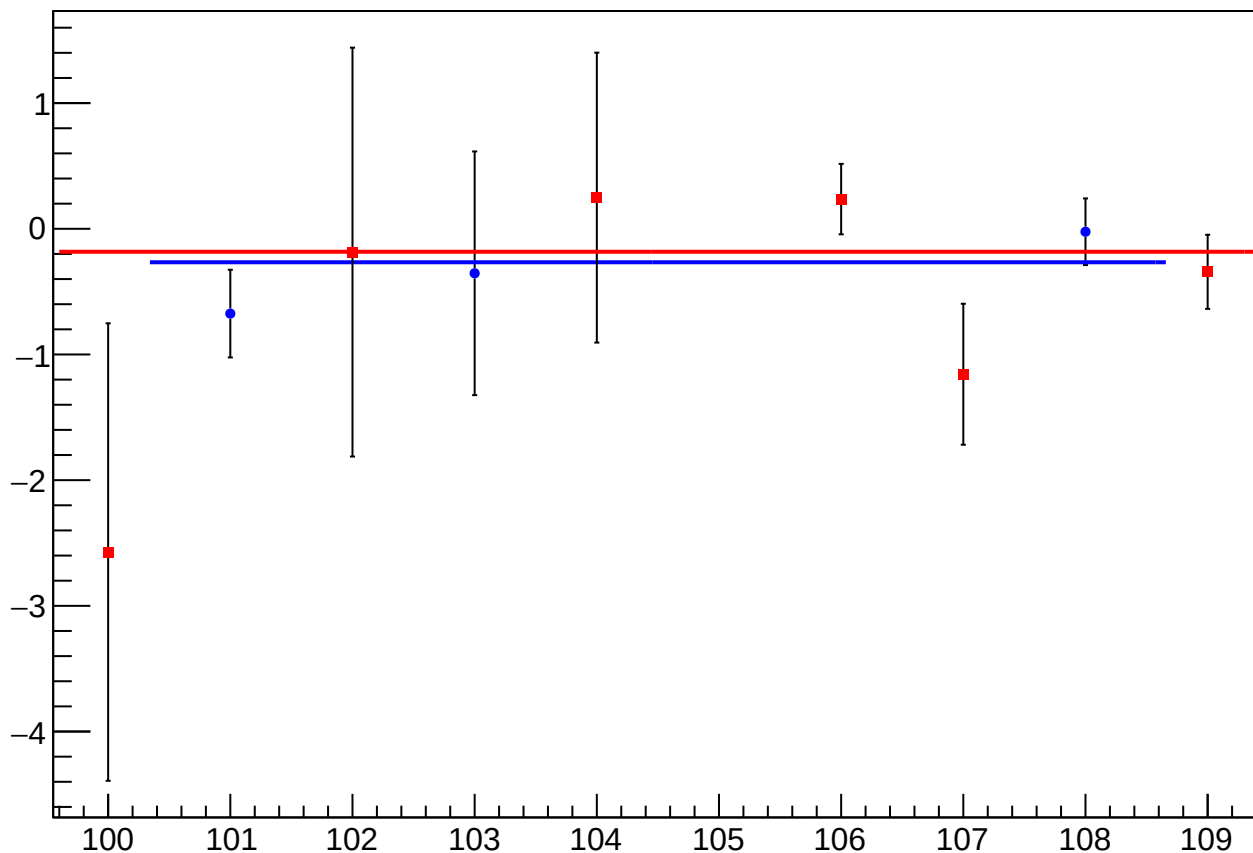
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 867305.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.266 $\pm$ 0.206 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.186 χ^2 /NDF: 7.4/5

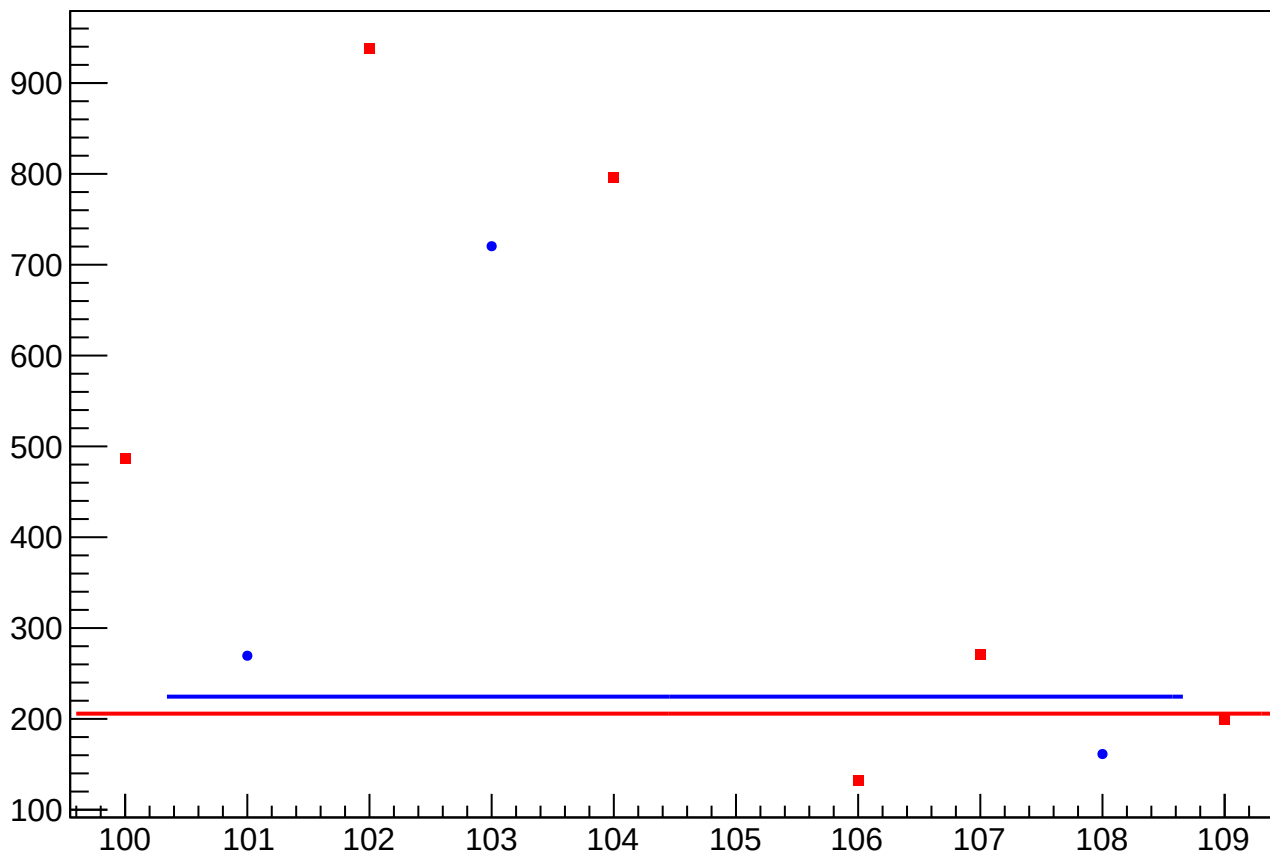
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.220 $\pm$ 0.138 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 224.501+/-0.146 χ^2/NDF : 670135.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142335.5/5

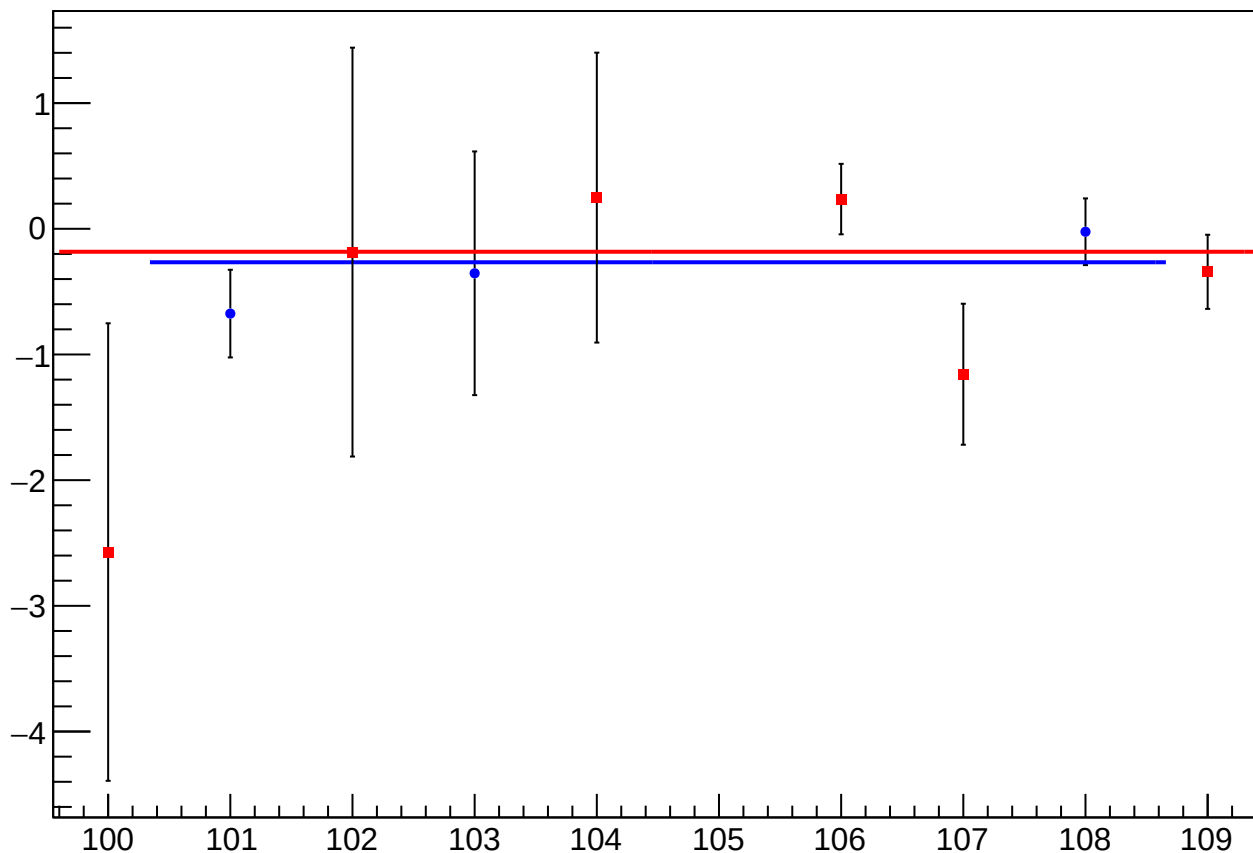
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.192+/-0.098 χ^2/NDF : 1821536.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.266 $\pm$ 0.206 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.183 $\pm$ 0.186 χ^2 /NDF: 7.4/5

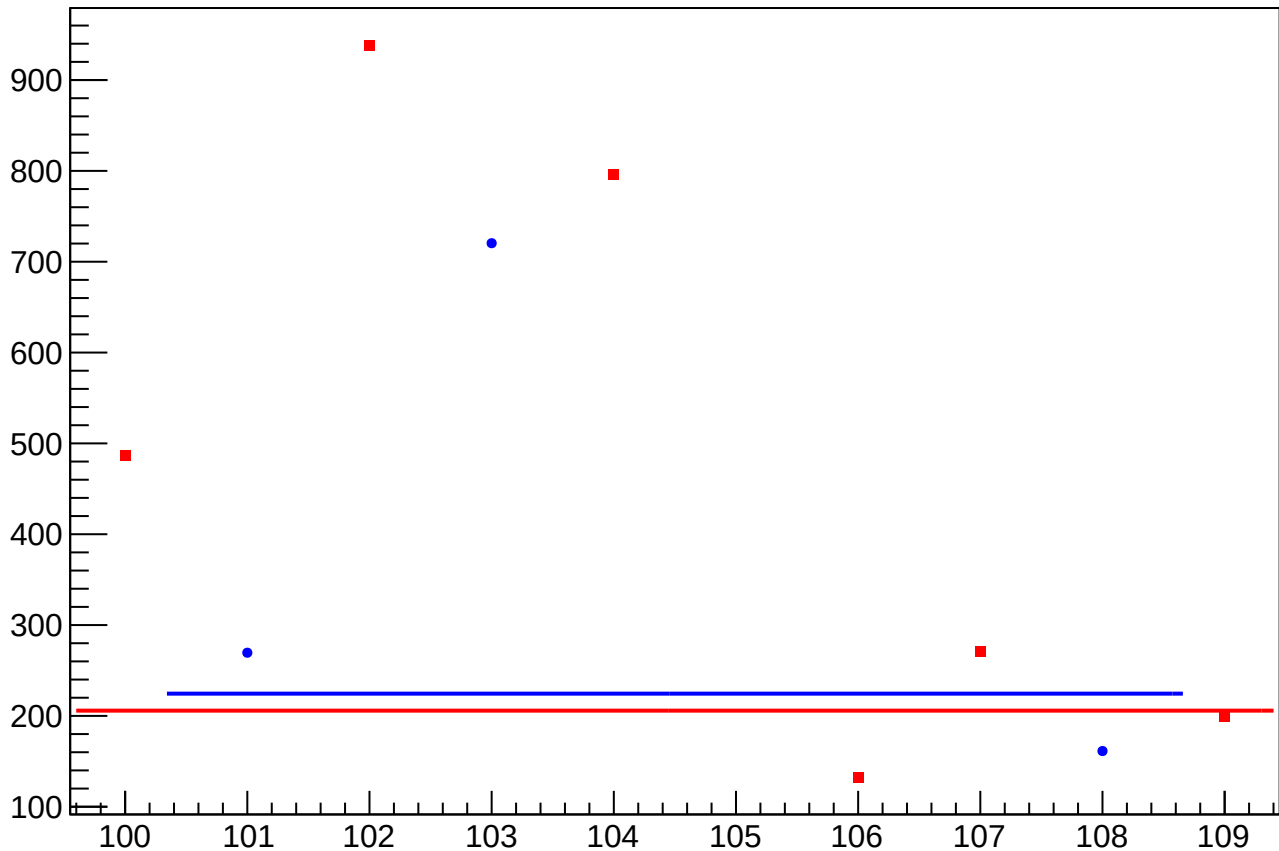
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.220 $\pm$ 0.138 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 224.501+/-0.146 χ^2/NDF : 670135.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.791+/-0.132 χ^2/NDF : 1142335.5/5

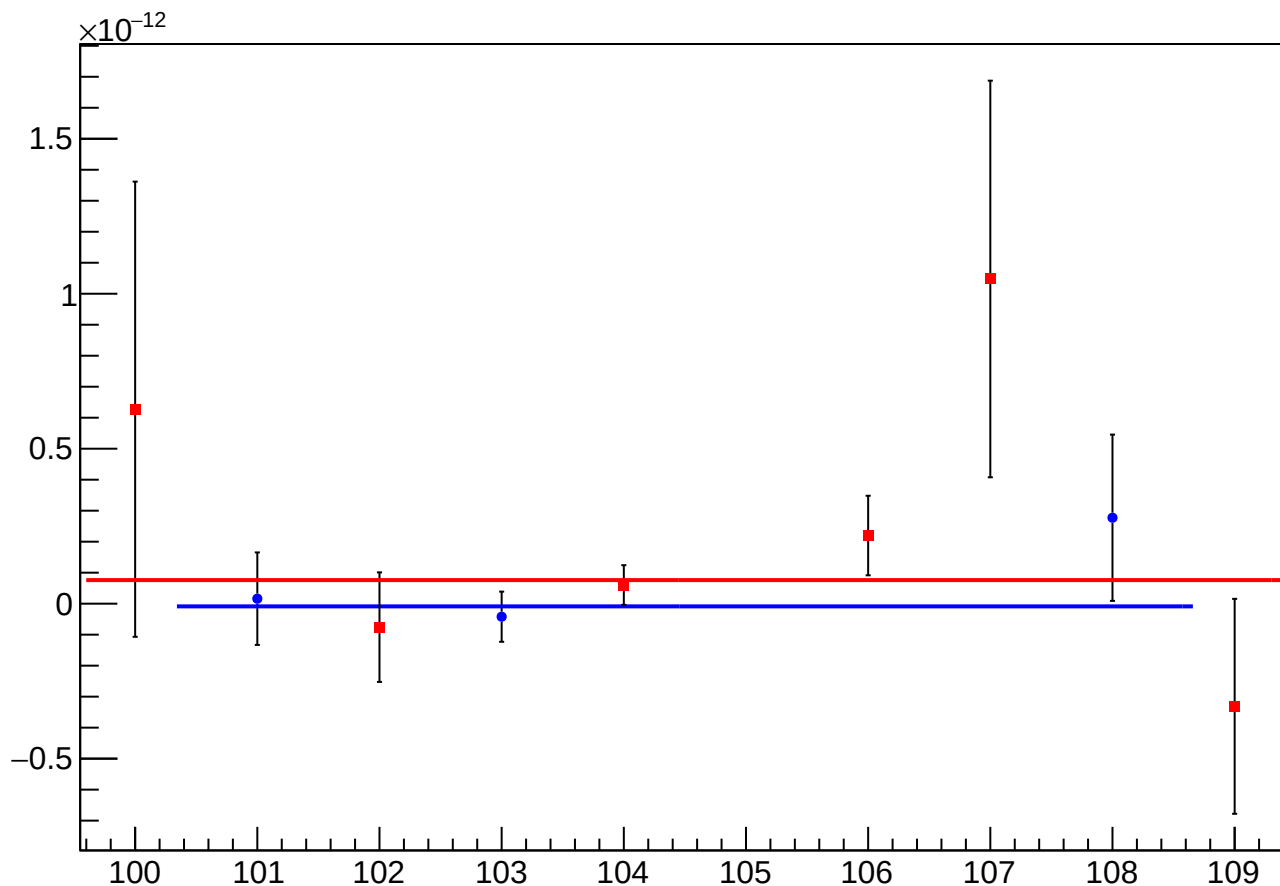
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.192+/-0.098 χ^2/NDF : 1821536.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/5

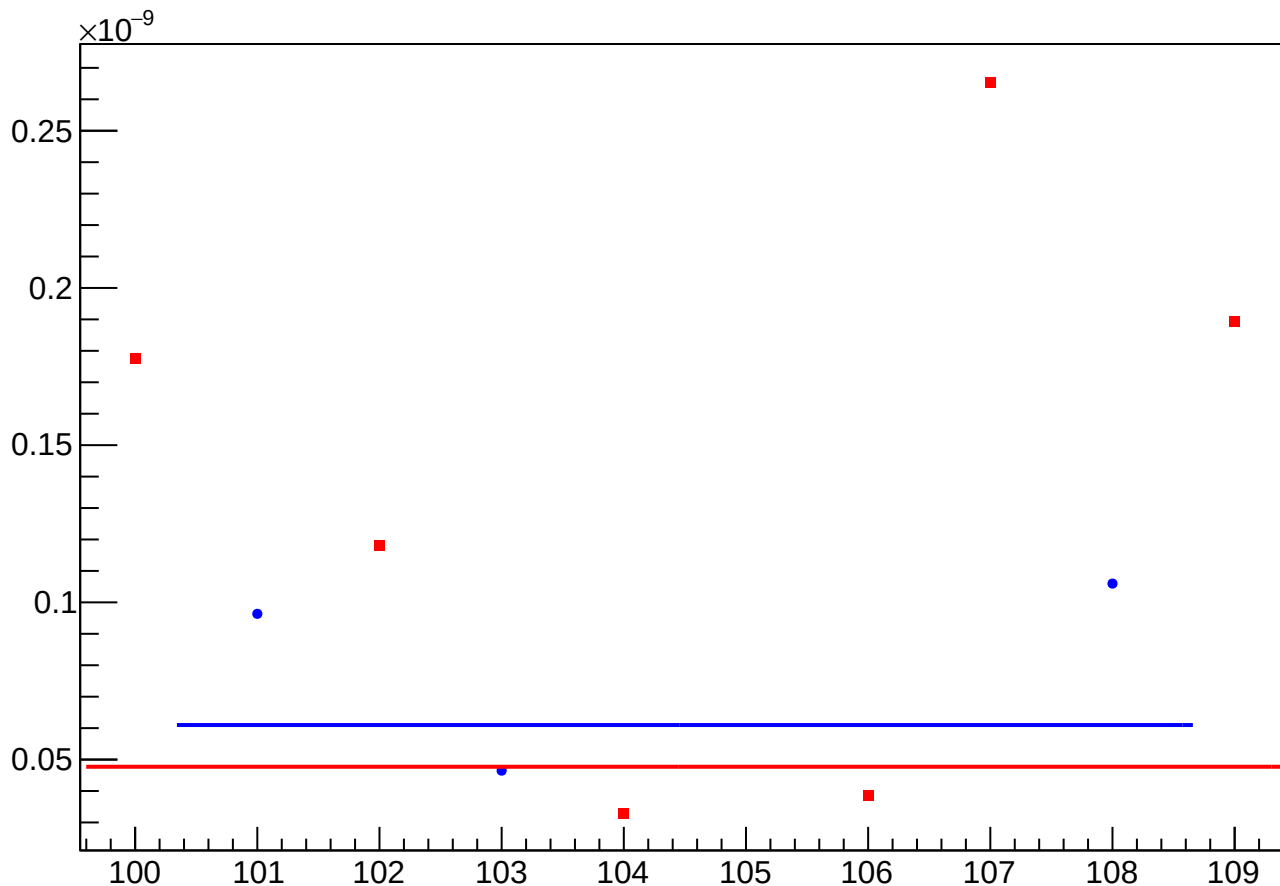
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 232900.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1064832.8/5

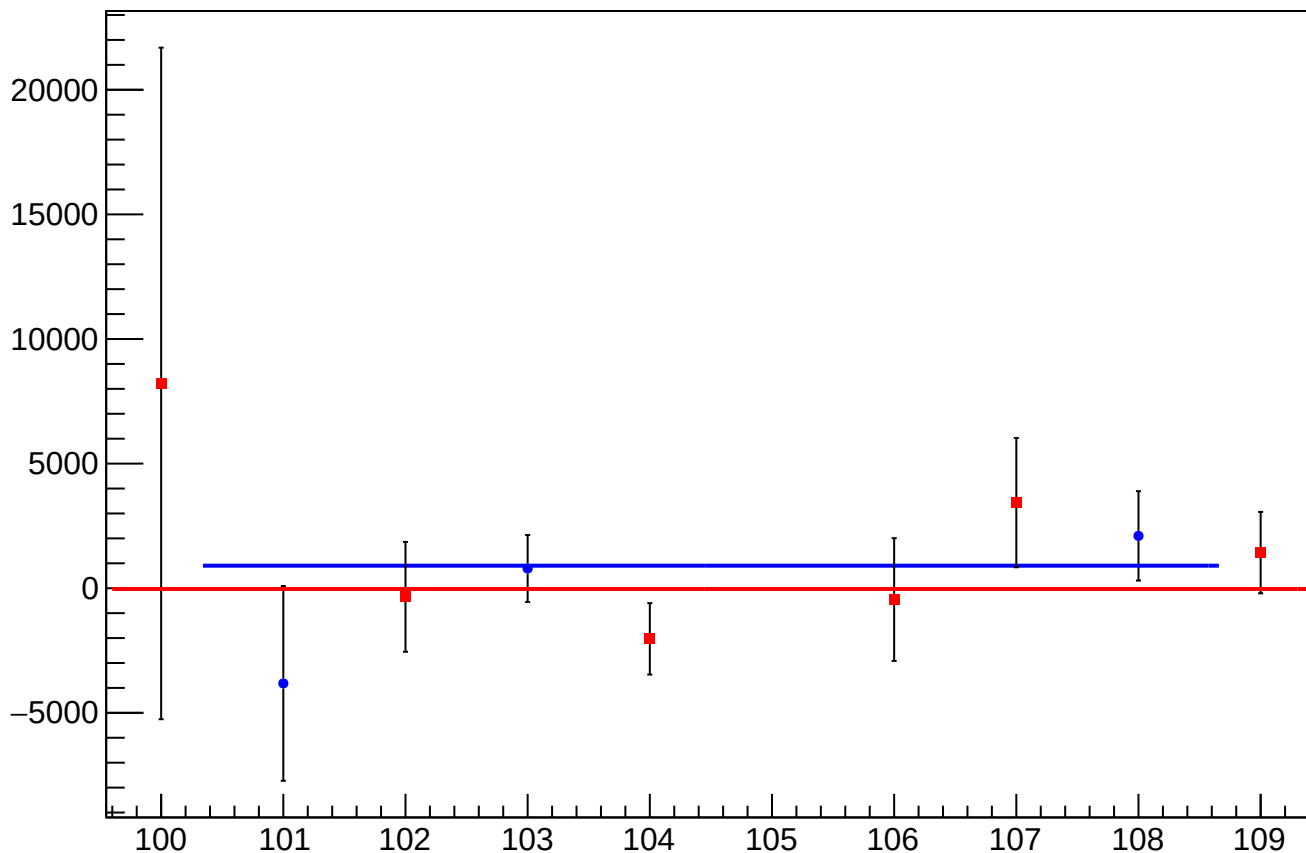
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1344138.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 904.624+/-1036.634 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.123+/-849.140 χ^2/NDF : 5.0/5

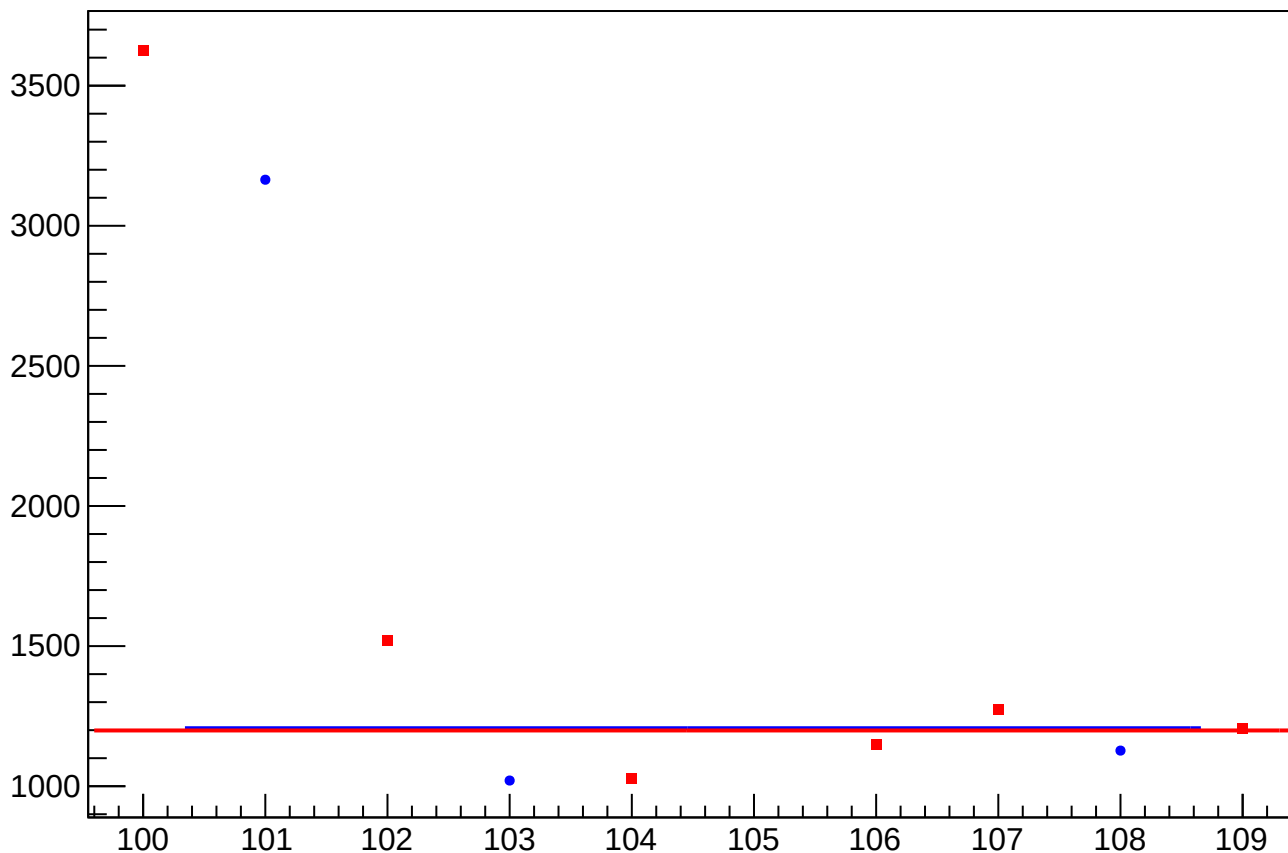
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.223+/-656.892 χ^2/NDF : 7.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1206.875 $\pm$ 0.733 χ^2 /NDF: 544494.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1198.957 $\pm$ 0.596 χ^2 /NDF: 139185.5/5

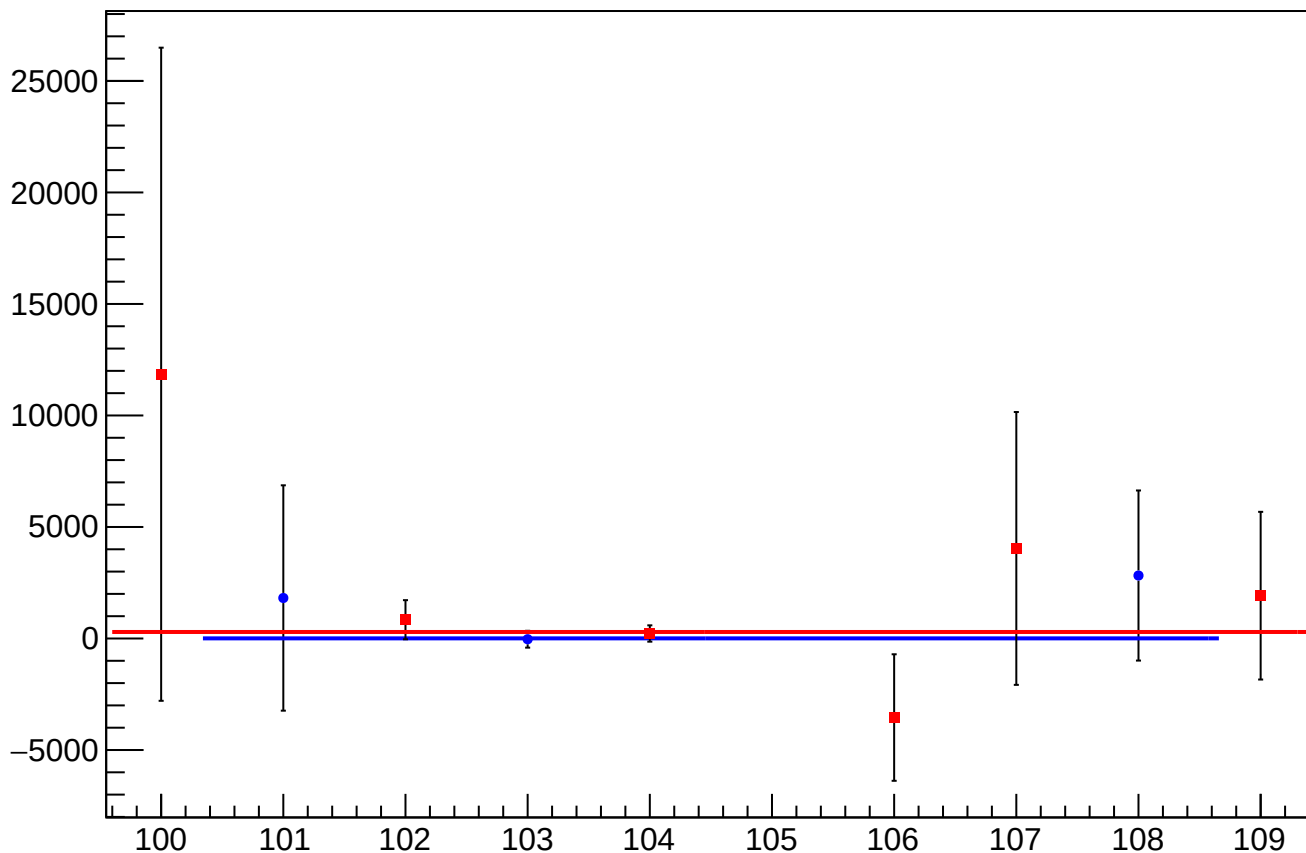
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1202.110 $\pm$ 0.463 χ^2 /NDF: 683750.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



Right In: 5.340+/-374.739 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 292.088+/-333.616 χ^2/NDF : 3.4/5

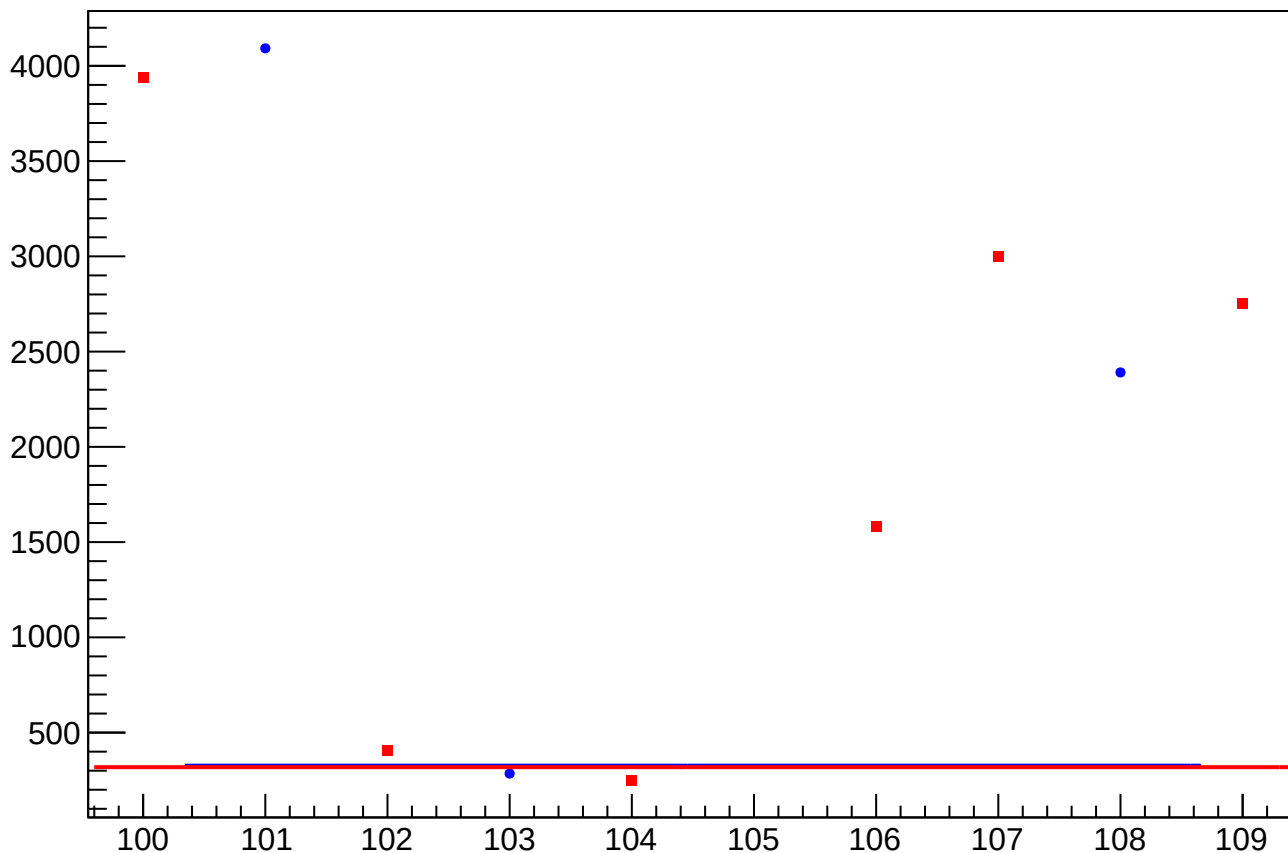
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 165.305+/-249.178 χ^2/NDF : 4.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug



Right In: 326.175 $\pm$ 0.265 χ^2 /NDF: 1721109.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 318.452 $\pm$ 0.236 χ^2 /NDF: 1836328.3/5

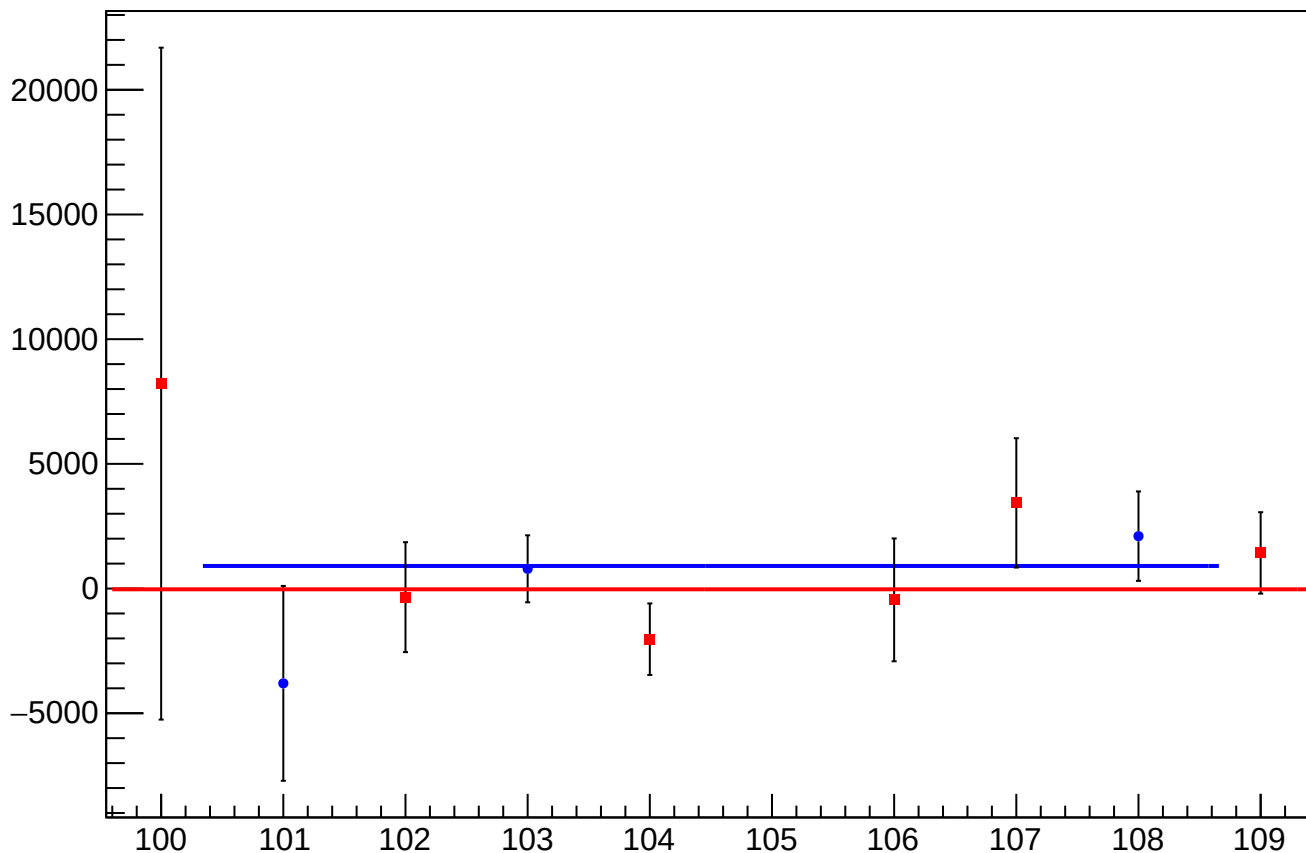
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 321.867 $\pm$ 0.176 χ^2 /NDF: 3557911.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 905.701+/-1036.634 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.440+/-849.140 χ^2/NDF : 5.0/5

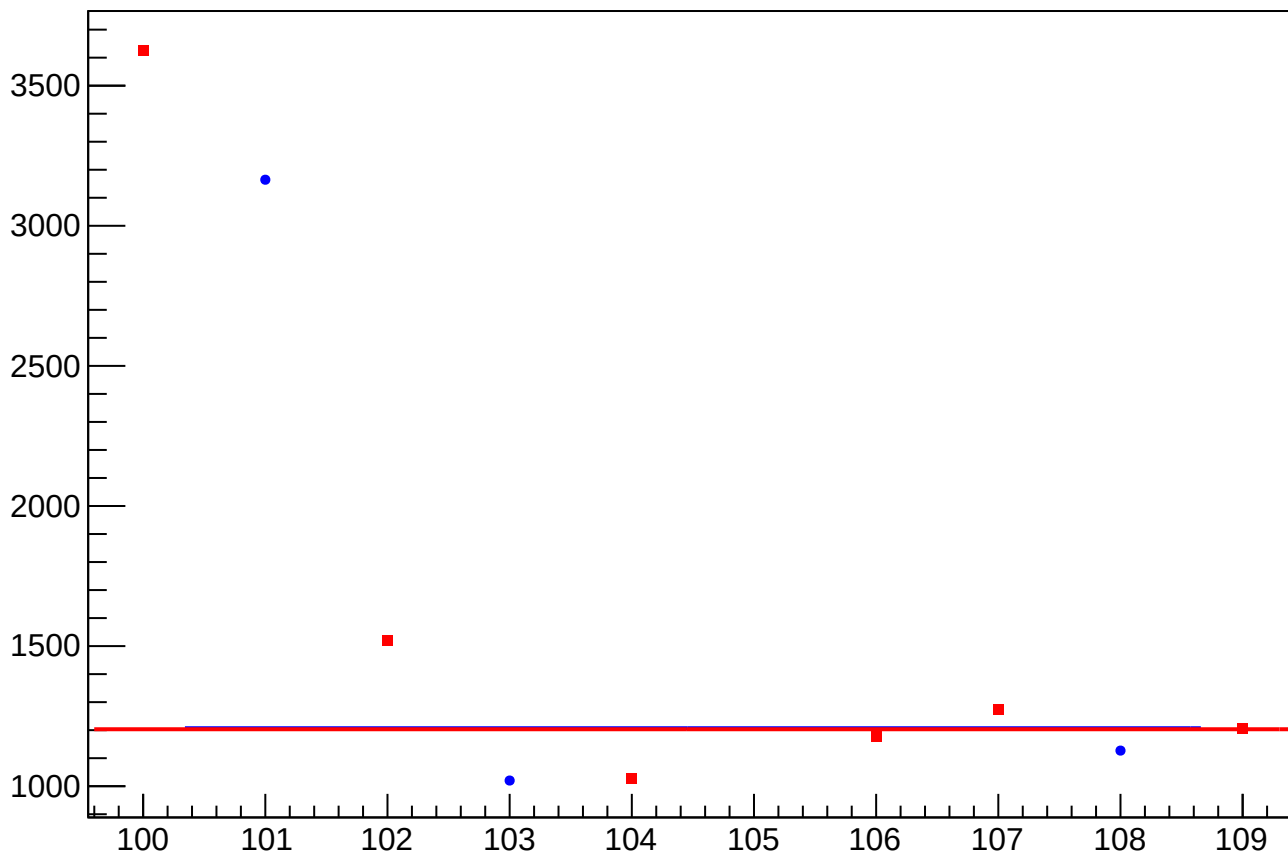
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.465+/-656.892 χ^2/NDF : 7.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1206.874+/-0.733 χ^2/NDF : 544495.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.279+/-0.599 χ^2/NDF : 138295.8/5

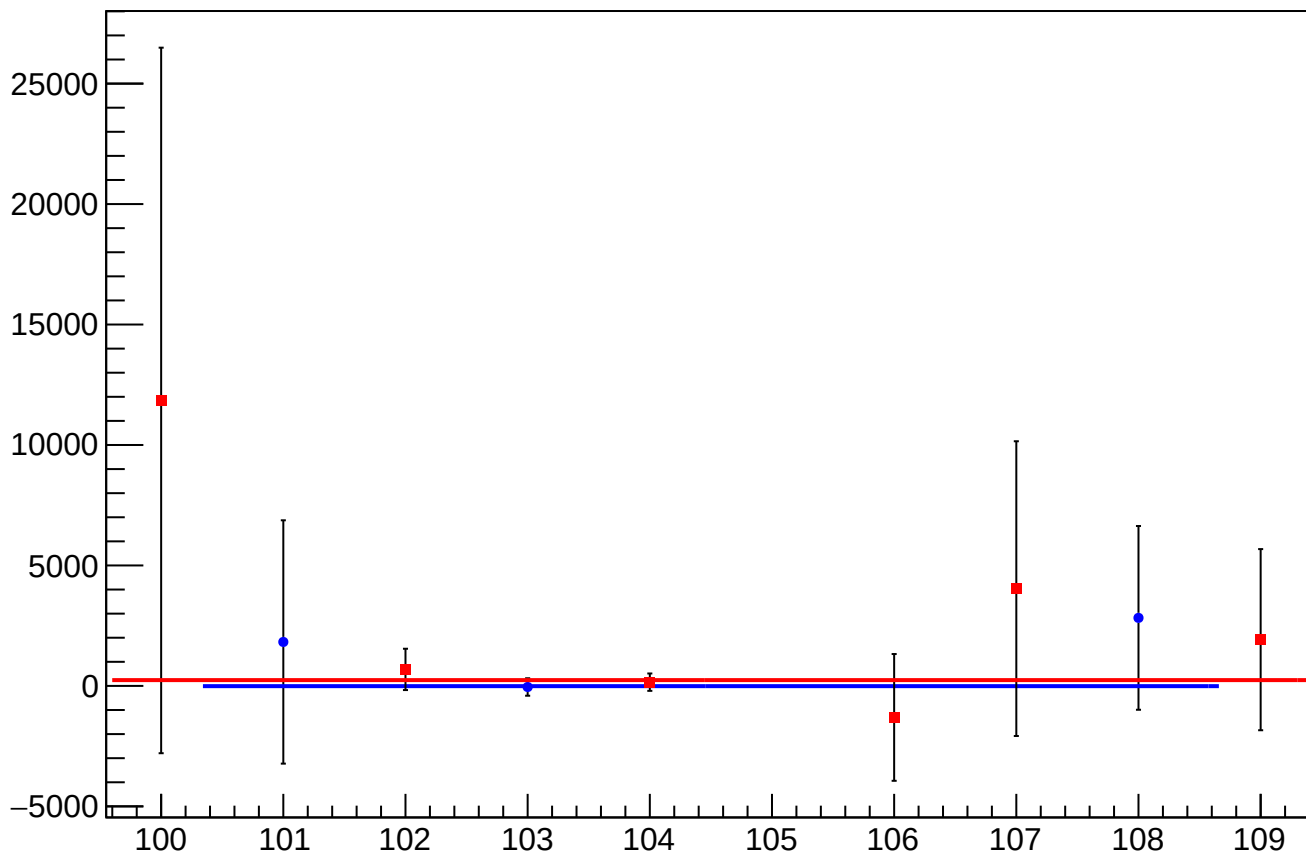
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.719+/-0.464 χ^2/NDF : 682806.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug



Right In: -10.230 $\pm$ 359.720 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 240.542 $\pm$ 327.896 χ^2 /NDF: 1.9/5

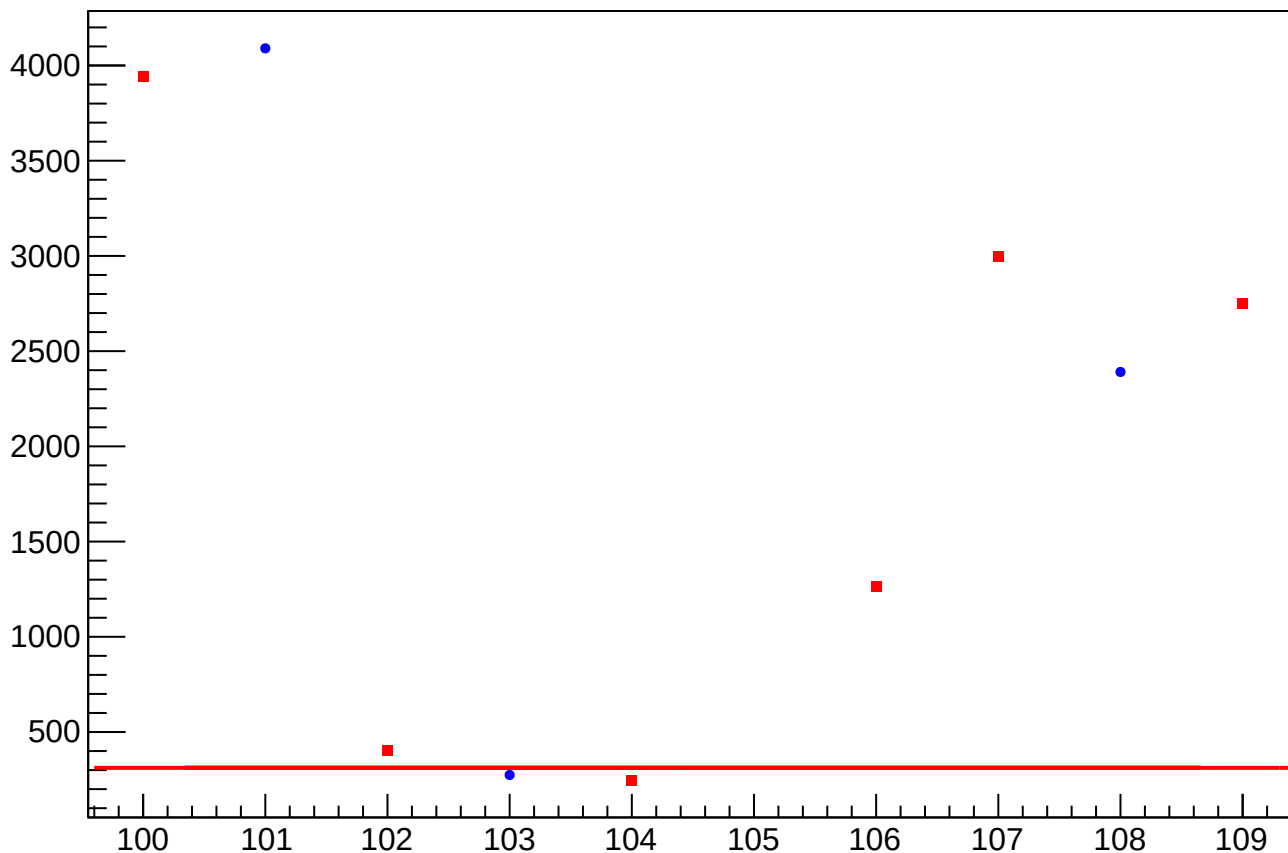
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 126.737 $\pm$ 242.329 χ^2 /NDF: 2.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug



Right In: 312.745+/-0.254 χ^2/NDF : 1734914.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.971+/-0.232 χ^2/NDF : 1706143.6/5

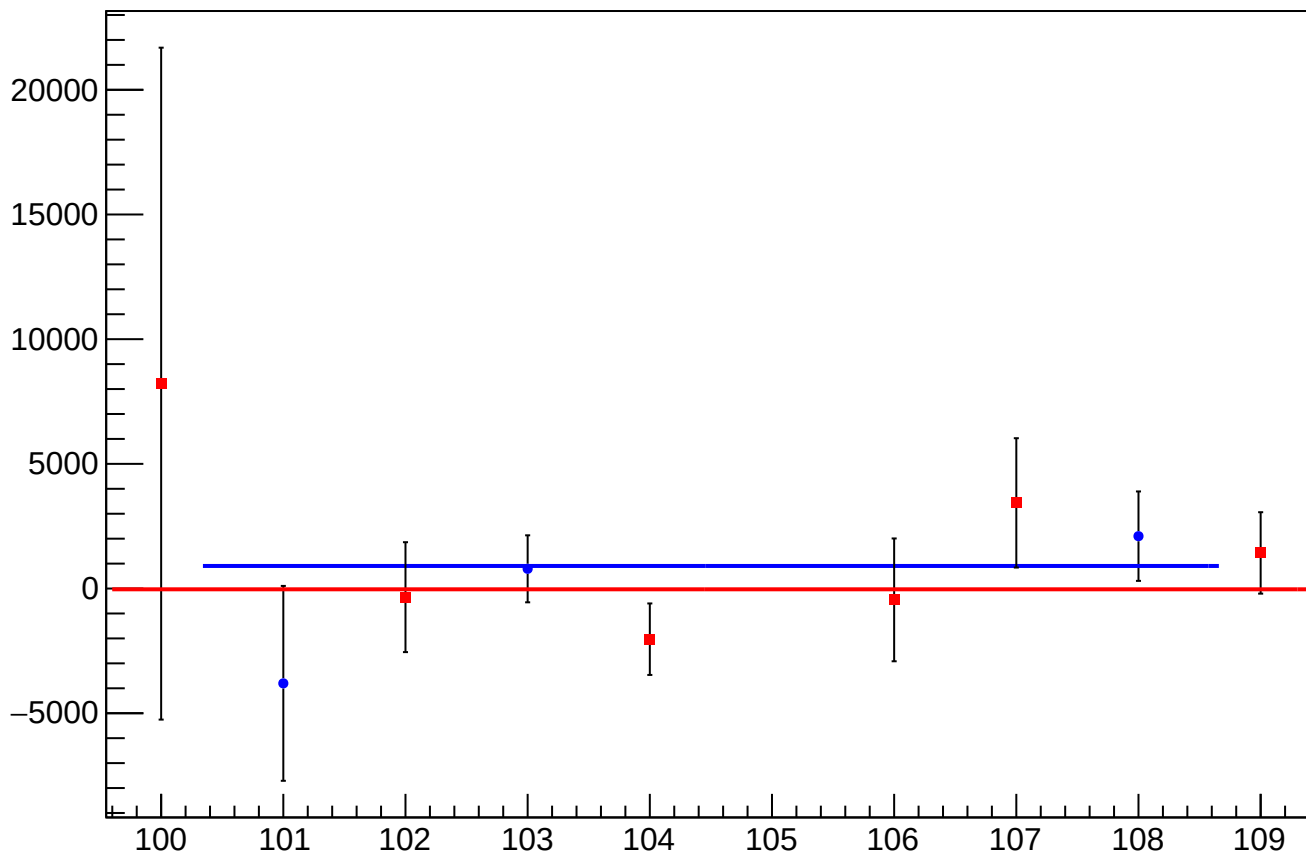
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.322+/-0.171 χ^2/NDF : 3441063.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 905.701 $\pm$ 1036.634 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.440 $\pm$ 849.140 χ^2 /NDF: 5.0/5

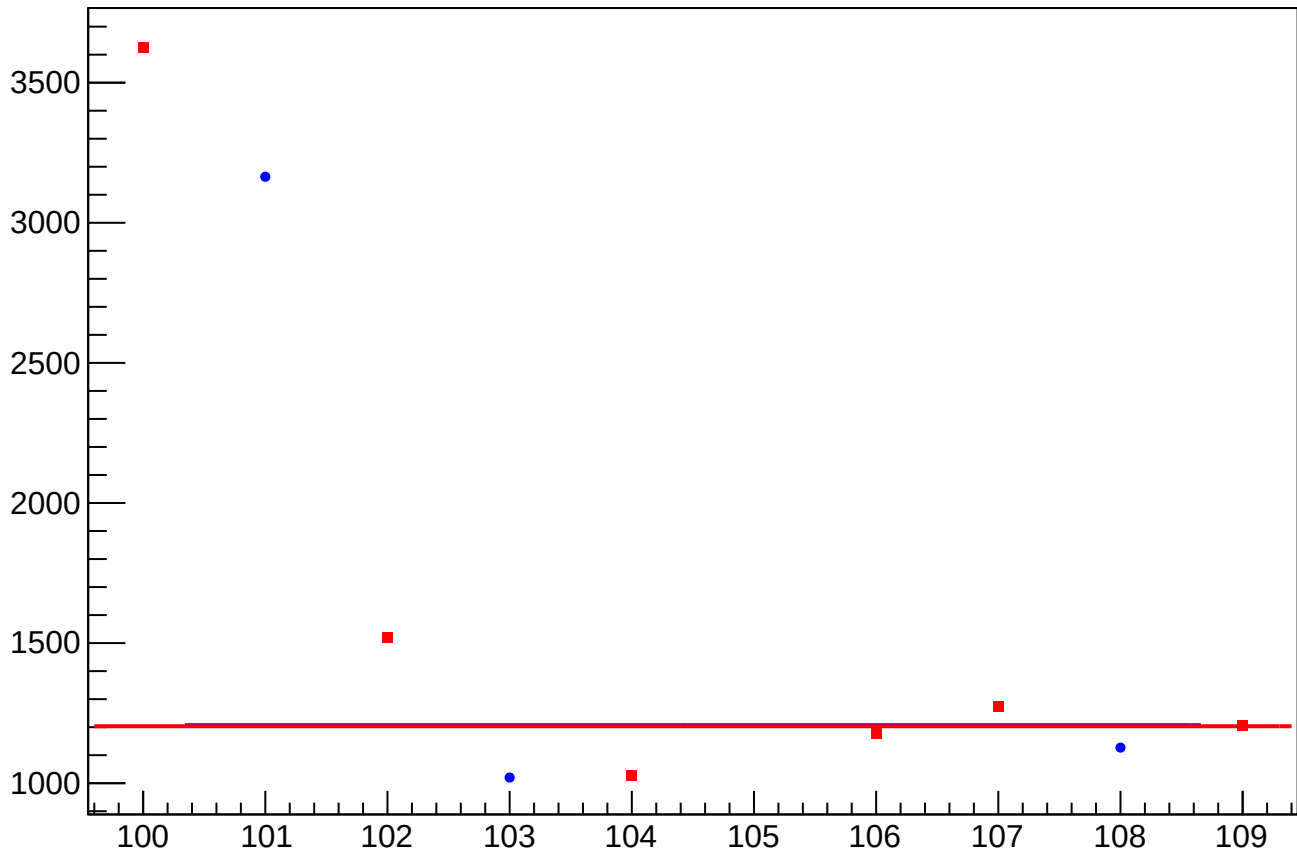
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 345.465 $\pm$ 656.892 χ^2 /NDF: 7.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1206.874+/-0.733 χ^2/NDF : 544495.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1203.279+/-0.599 χ^2/NDF : 138295.8/5

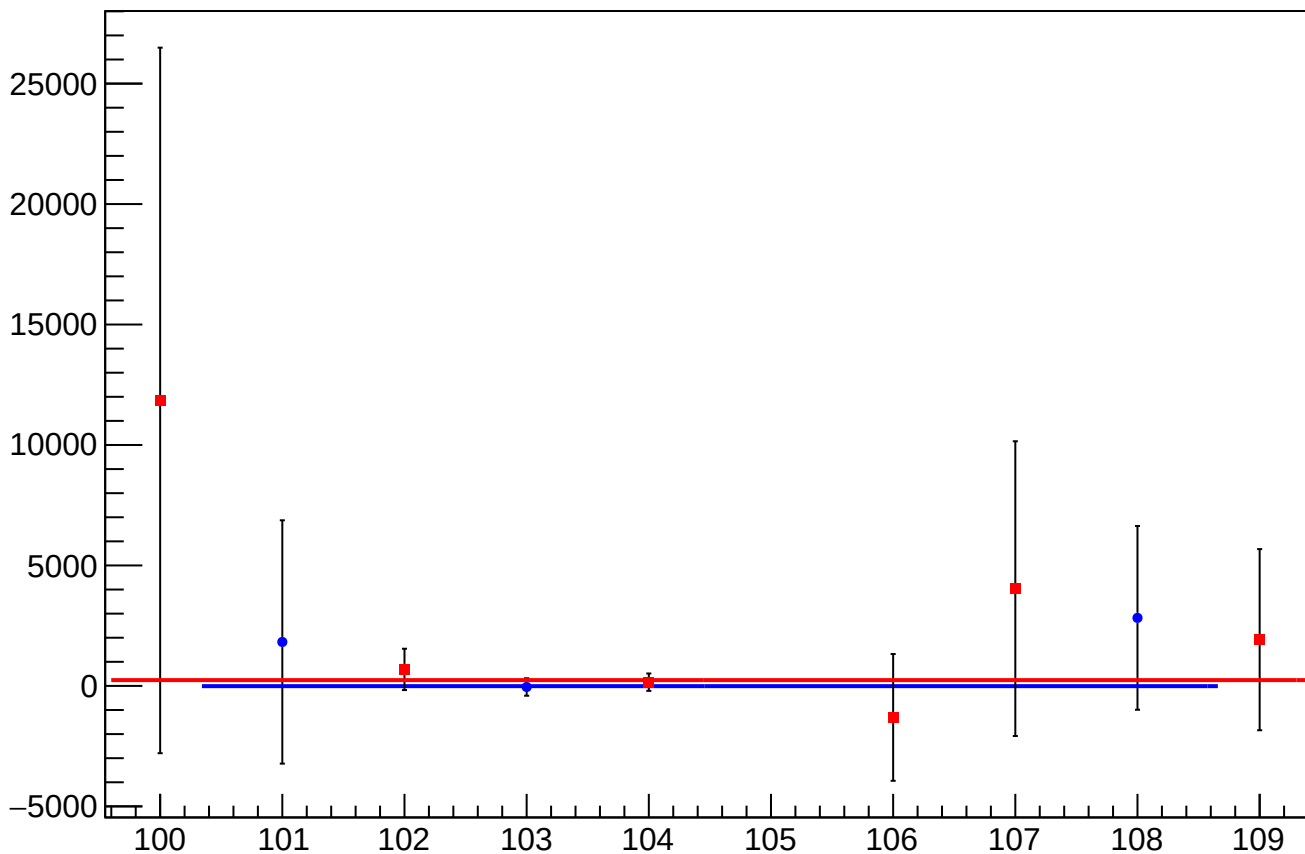
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1204.719+/-0.464 χ^2/NDF : 682806.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: -10.230+/-359.720 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 240.542+/-327.896 χ^2/NDF : 1.9/5

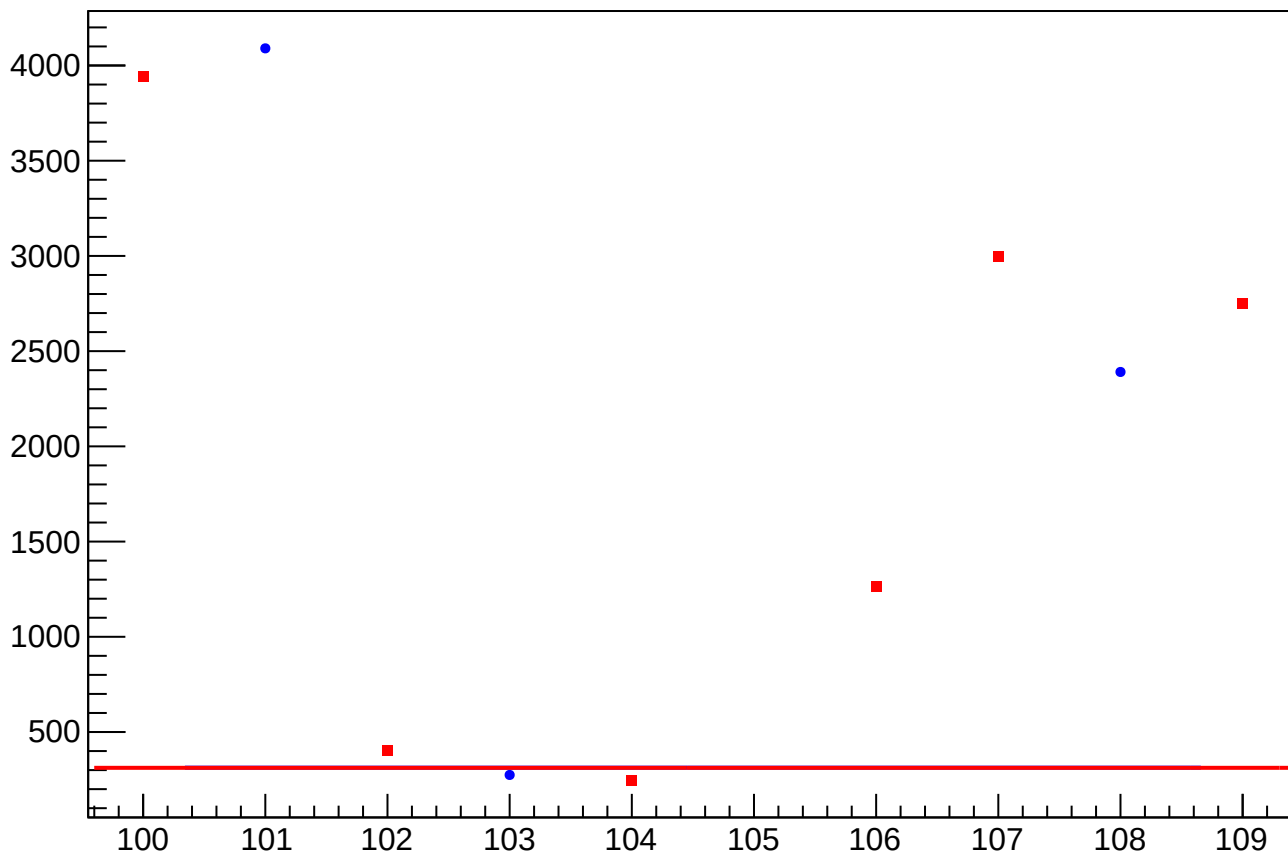
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.737+/-242.329 χ^2/NDF : 2.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 312.745+/-0.254 χ^2/NDF : 1734914.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 311.971+/-0.232 χ^2/NDF : 1706143.6/5

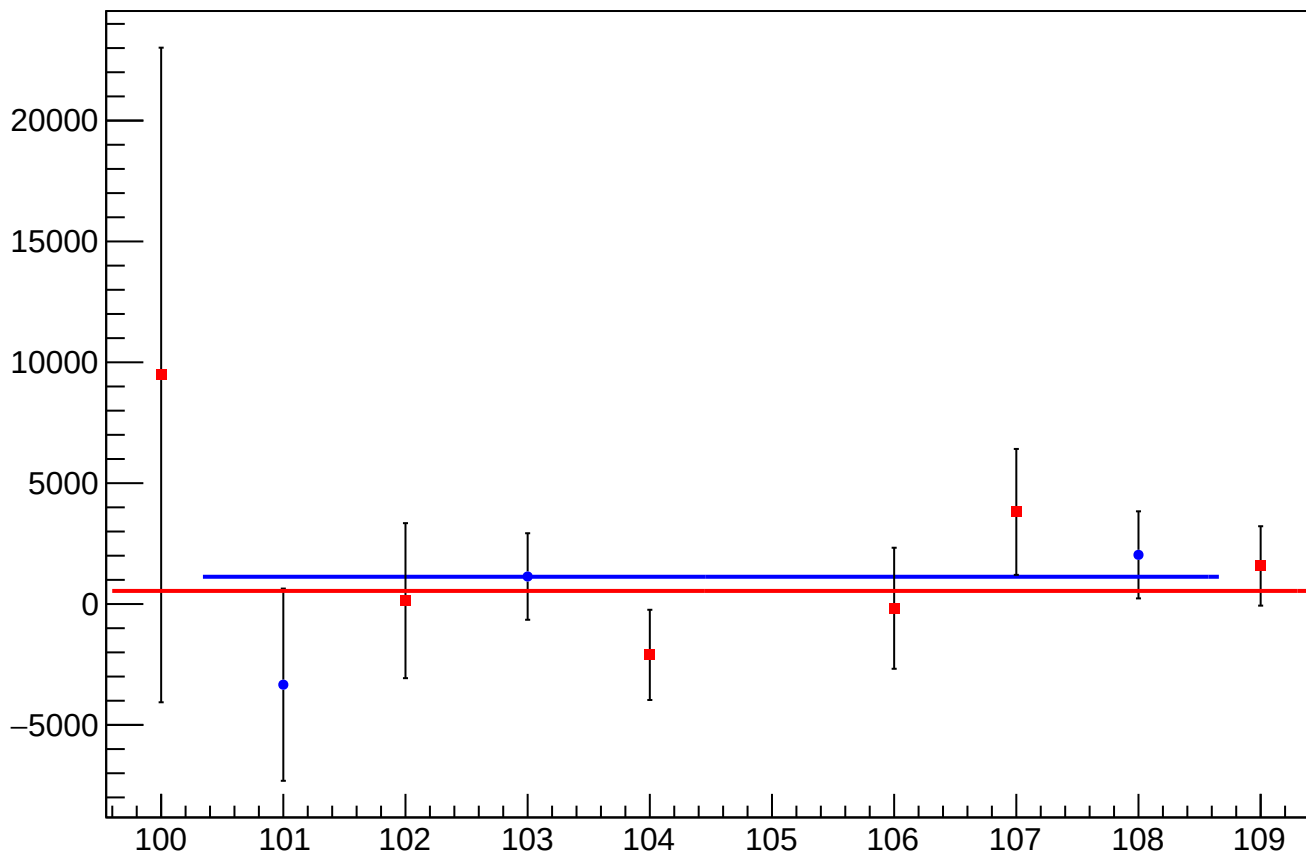
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.322+/-0.171 χ^2/NDF : 3441063.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 1128.559+/-1209.453 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.470+/-967.774 χ^2/NDF : 4.5/5

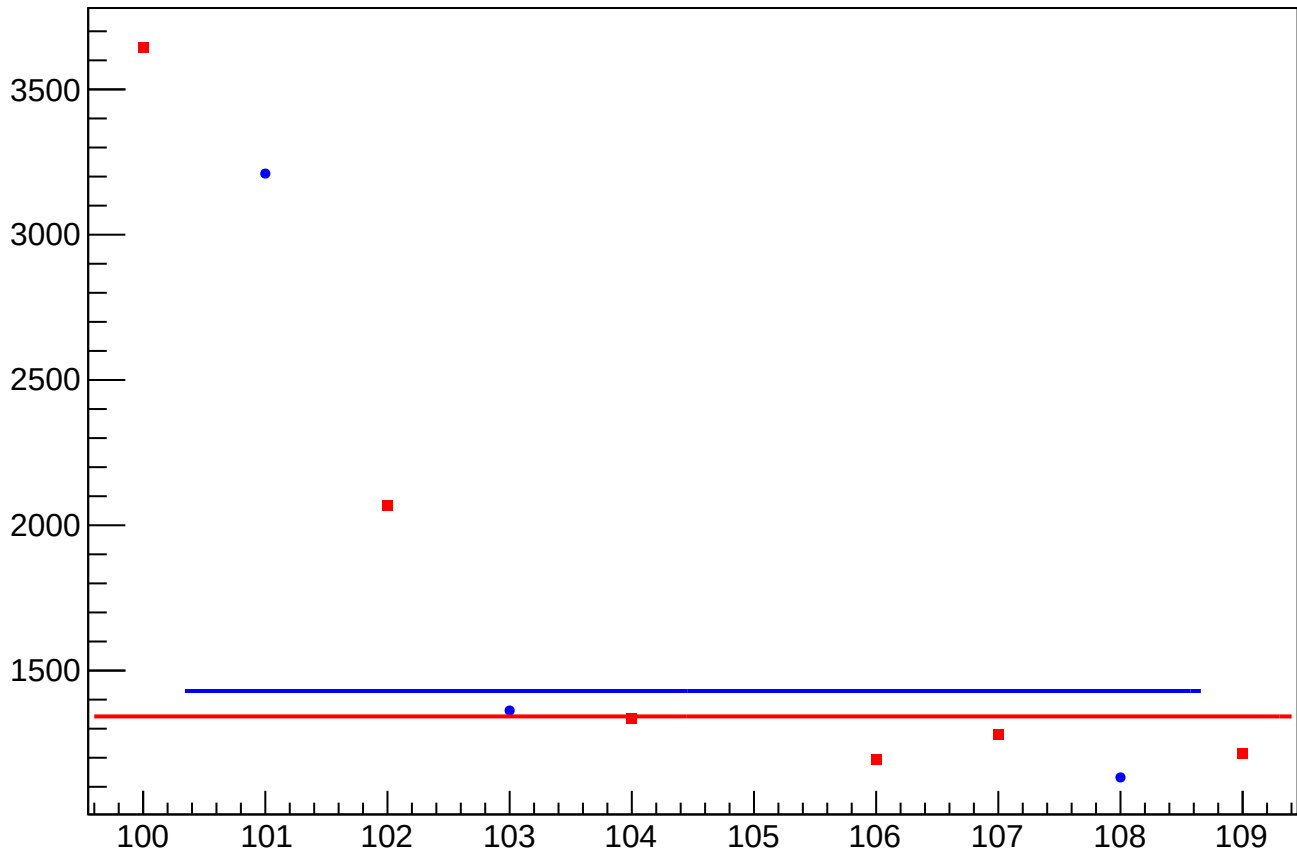
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.249+/-755.640 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1429.649 $\pm$ 0.855 χ^2 /NDF: 458522.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1342.170 $\pm$ 0.683 χ^2 /NDF: 180598.8/5

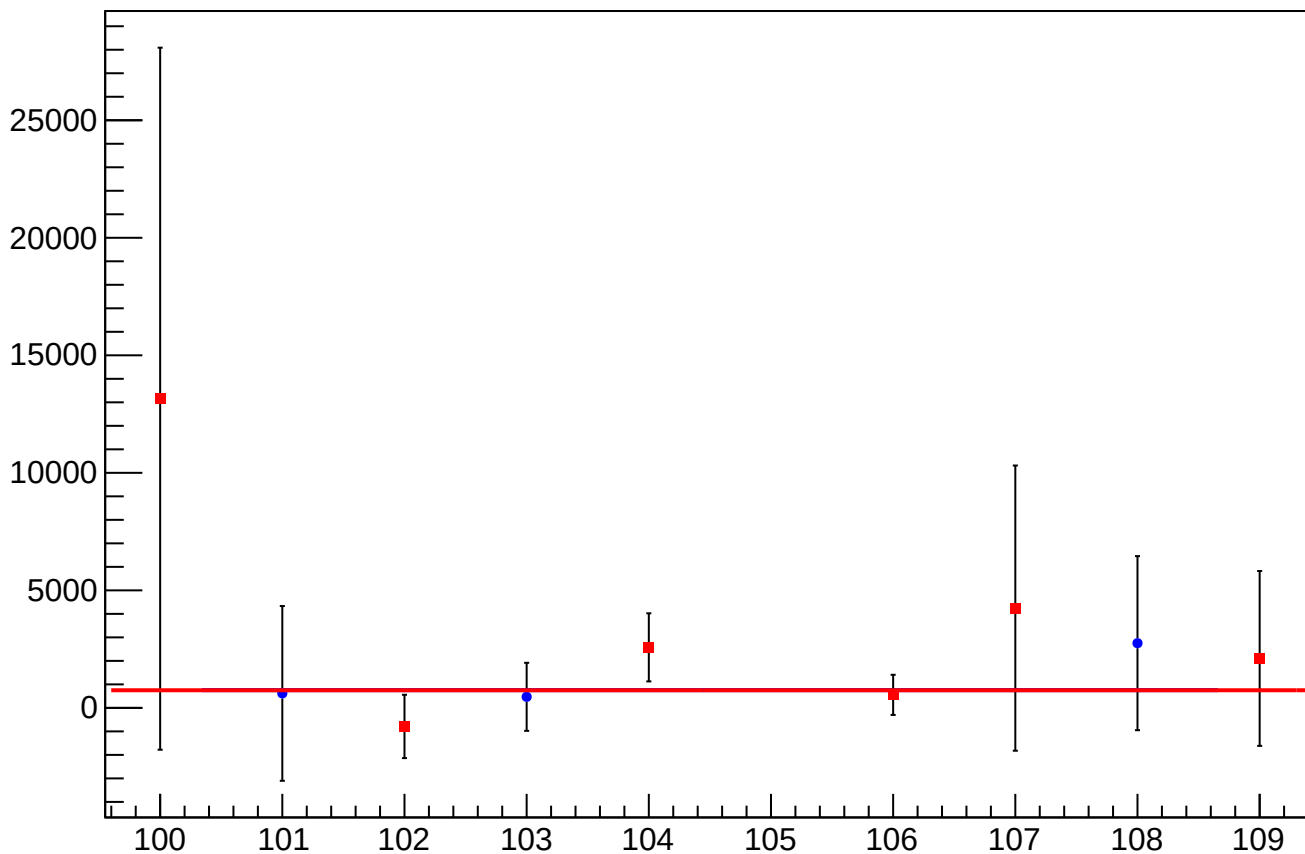
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1376.224 $\pm$ 0.534 χ^2 /NDF: 645511.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



Right In: 754.833+/-1267.431 χ^2 /NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 750.393+/-632.100 χ^2 /NDF: 4.1/5

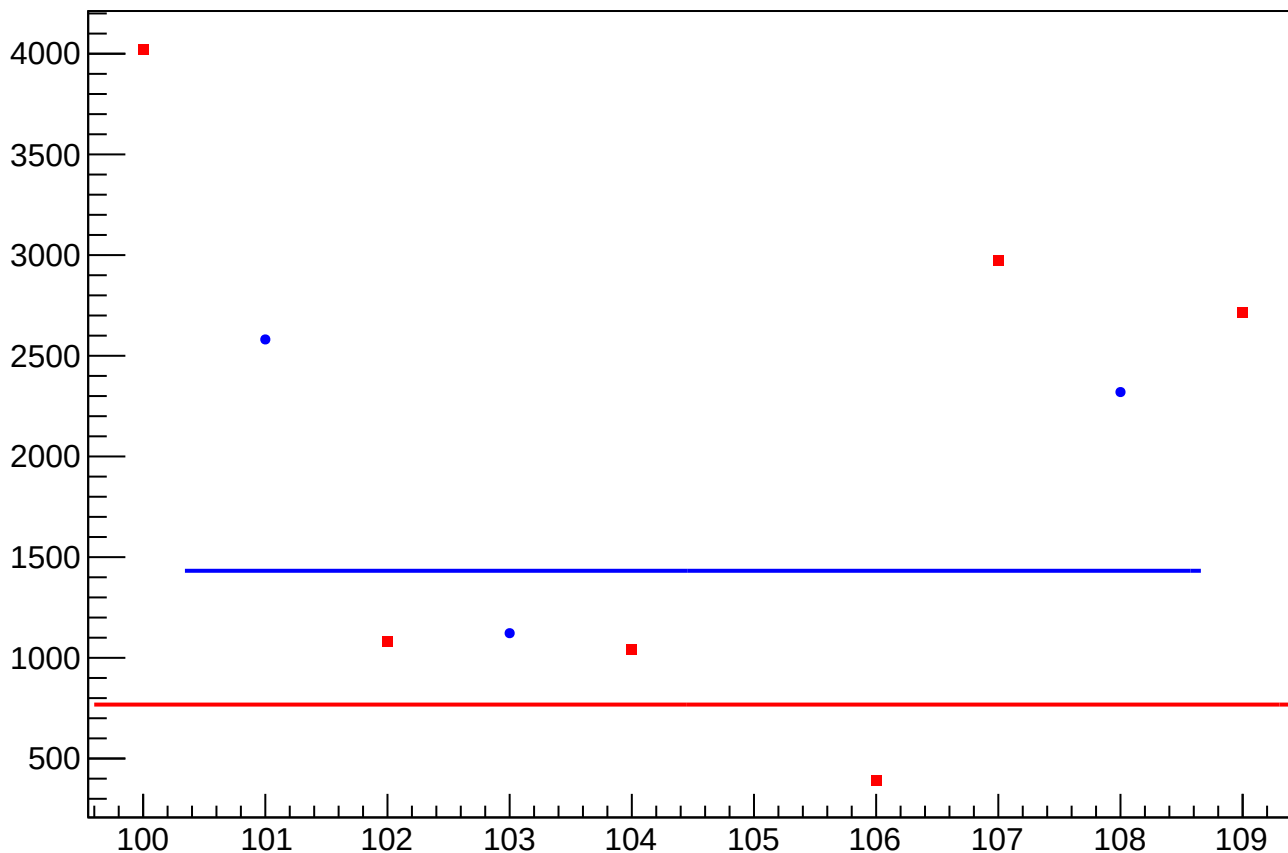
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 751.277+/-565.655 χ^2 /NDF: 4.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug



Right In: 1432.304+/-0.896 χ^2/NDF : 397536.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.873+/-0.447 χ^2/NDF : 1479902.4/5

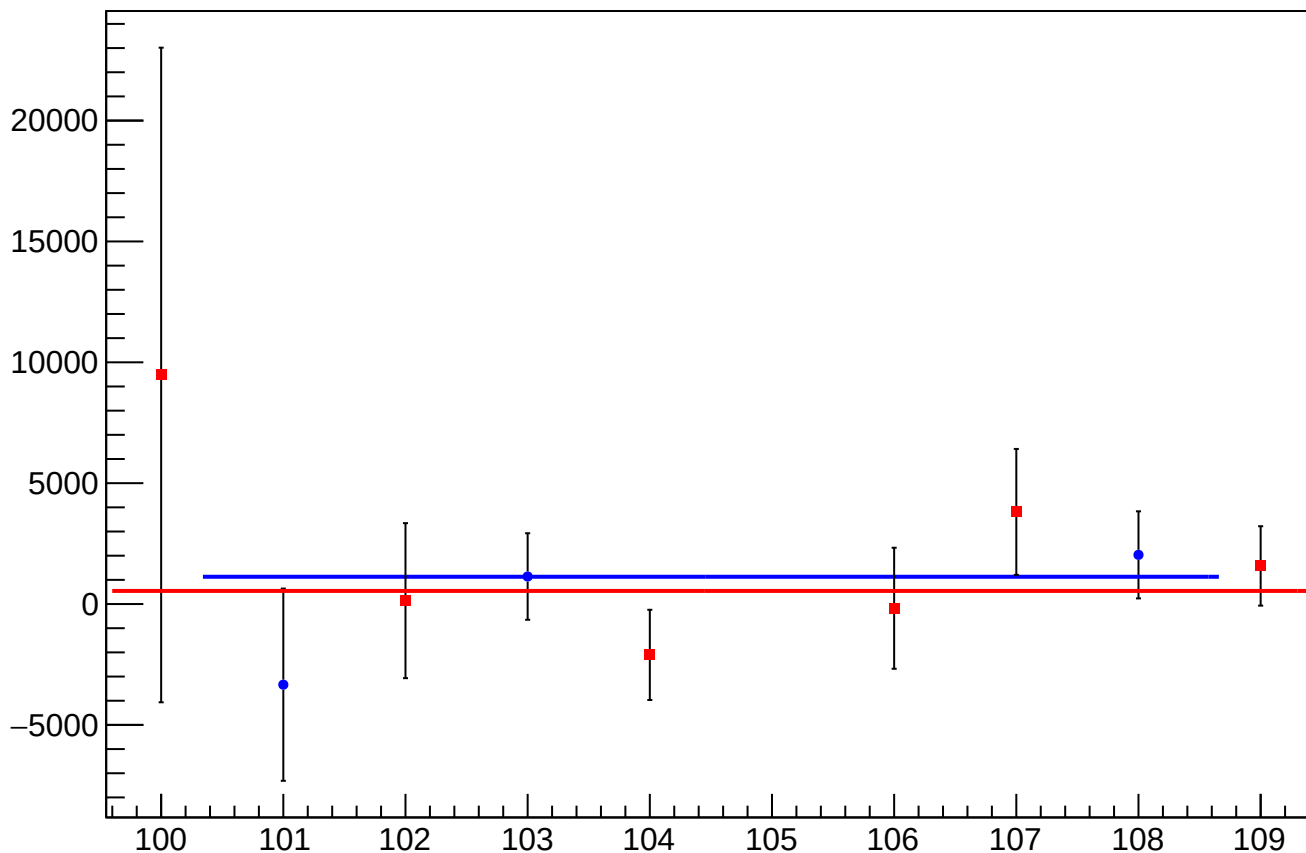
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.217+/-0.400 χ^2/NDF : 2317601.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 1128.557+/-1209.453 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.475+/-967.774 χ^2/NDF : 4.5/5

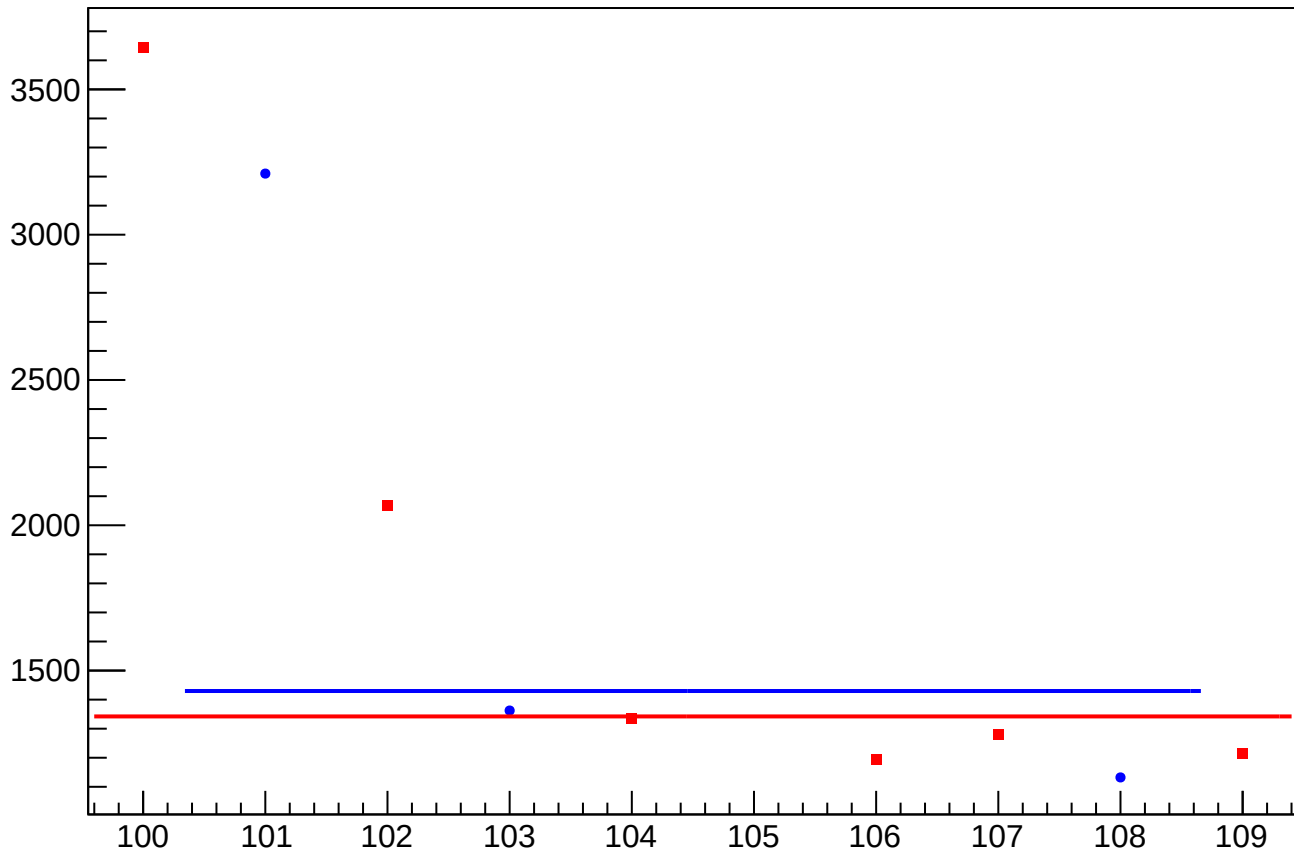
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 771.251+/-755.640 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1429.649 $\pm$ 0.855 χ^2 /NDF: 458522.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1342.170 $\pm$ 0.683 χ^2 /NDF: 180598.6/5

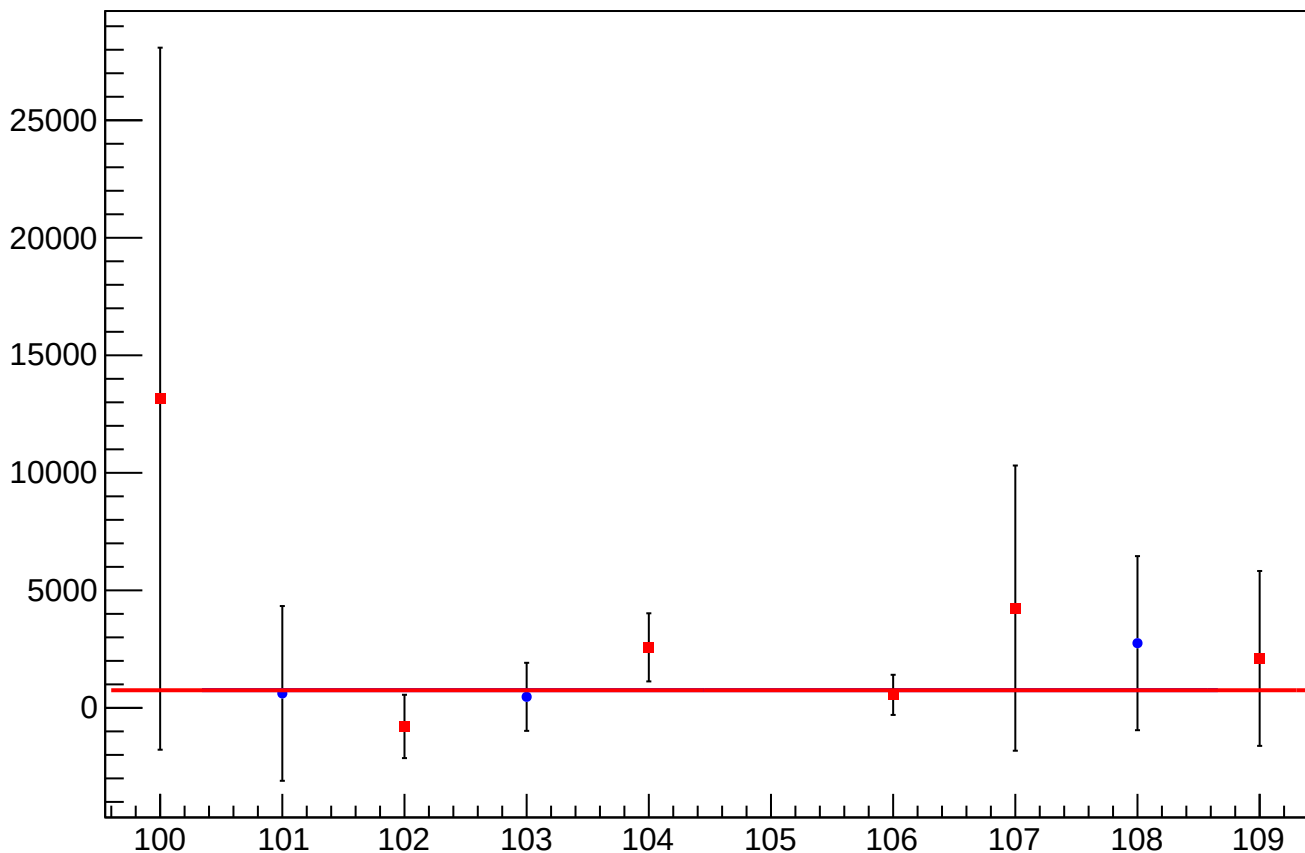
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1376.224 $\pm$ 0.534 χ^2 /NDF: 645511.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 754.833+/-1267.431 χ^2 /NDF: 0.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 750.385+/-632.091 χ^2 /NDF: 4.1/5

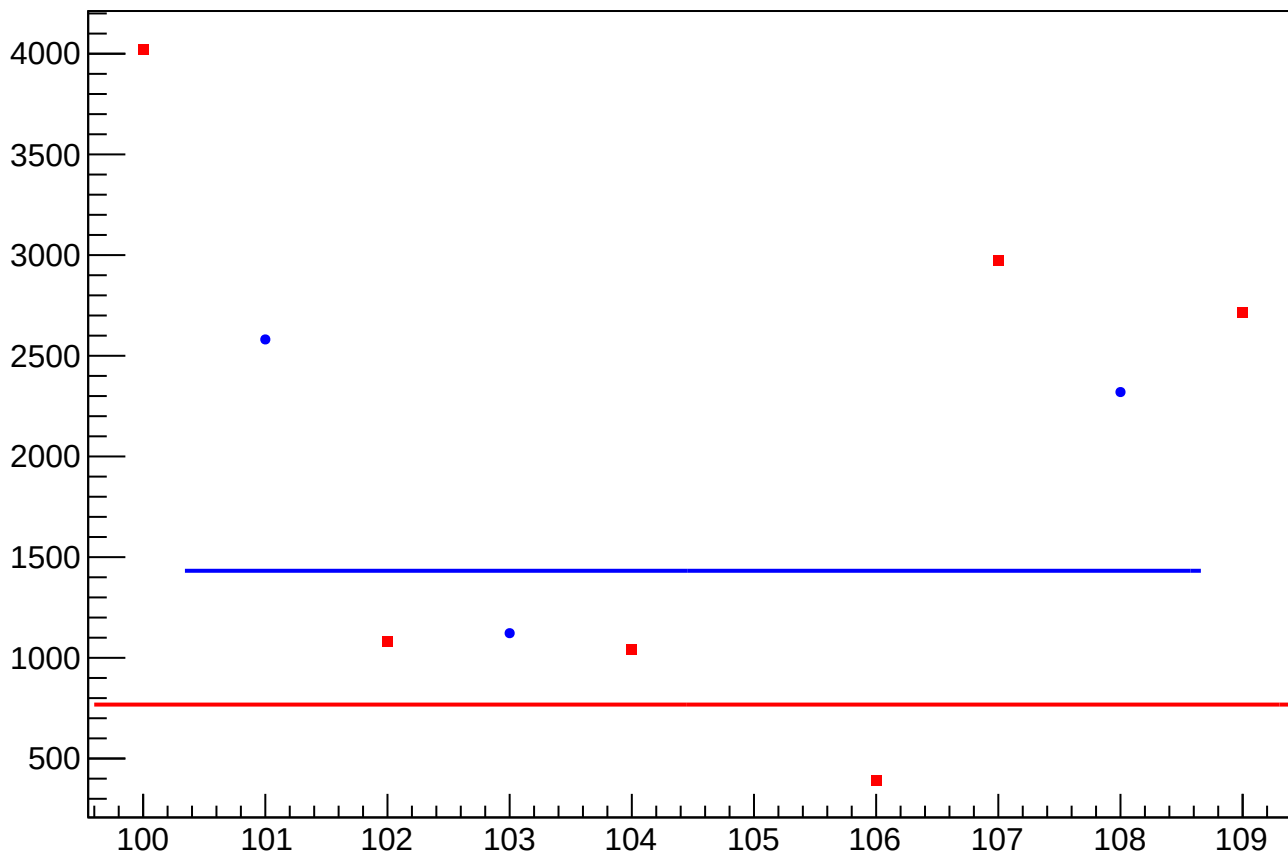
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 751.271+/-565.649 χ^2 /NDF: 4.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 1432.304+/-0.896 χ^2/NDF : 397536.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 767.856+/-0.447 χ^2/NDF : 1479947.0/5

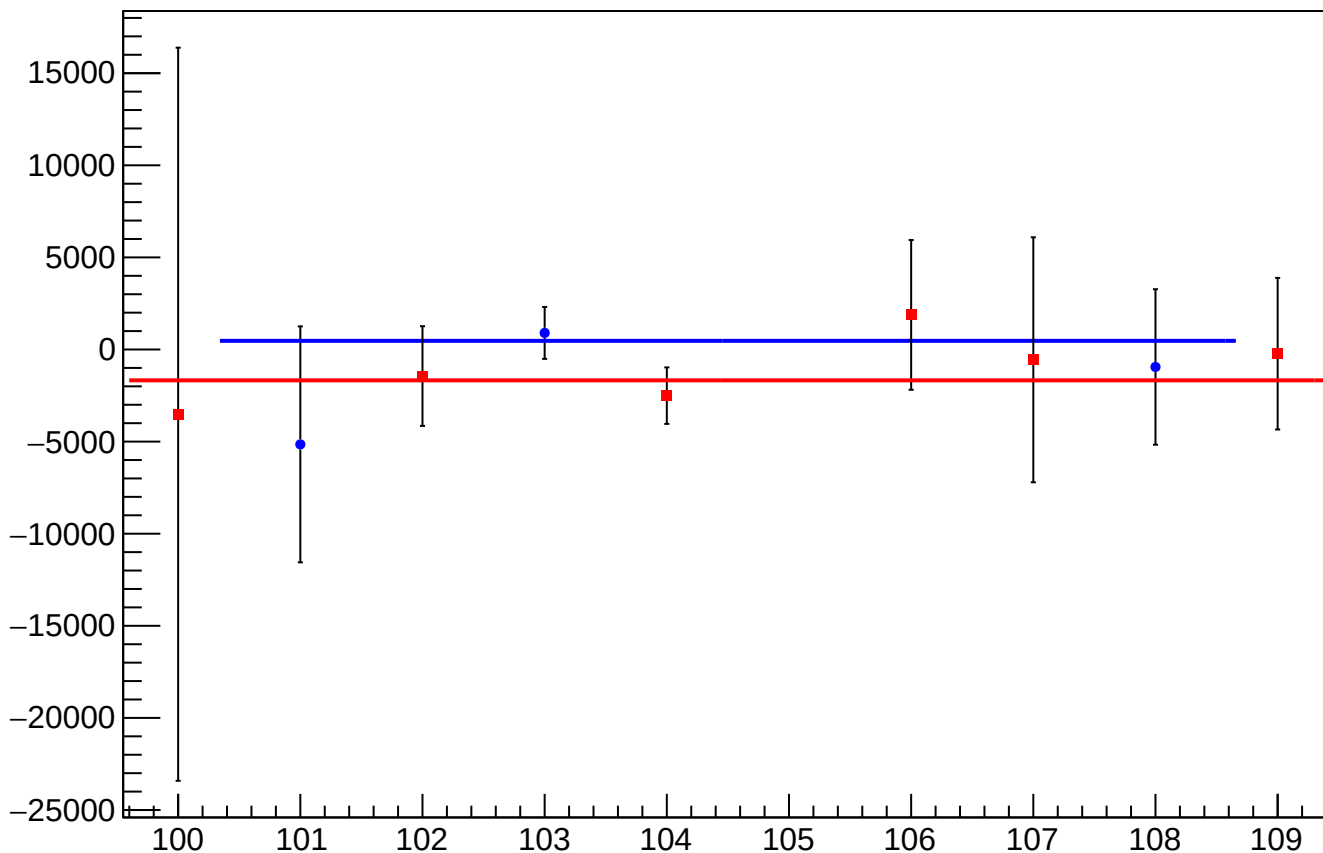
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 900.200+/-0.400 χ^2/NDF : 2317671.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 470.724+/-1307.988 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1674.602+/-1189.716 χ^2/NDF : 1.2/5

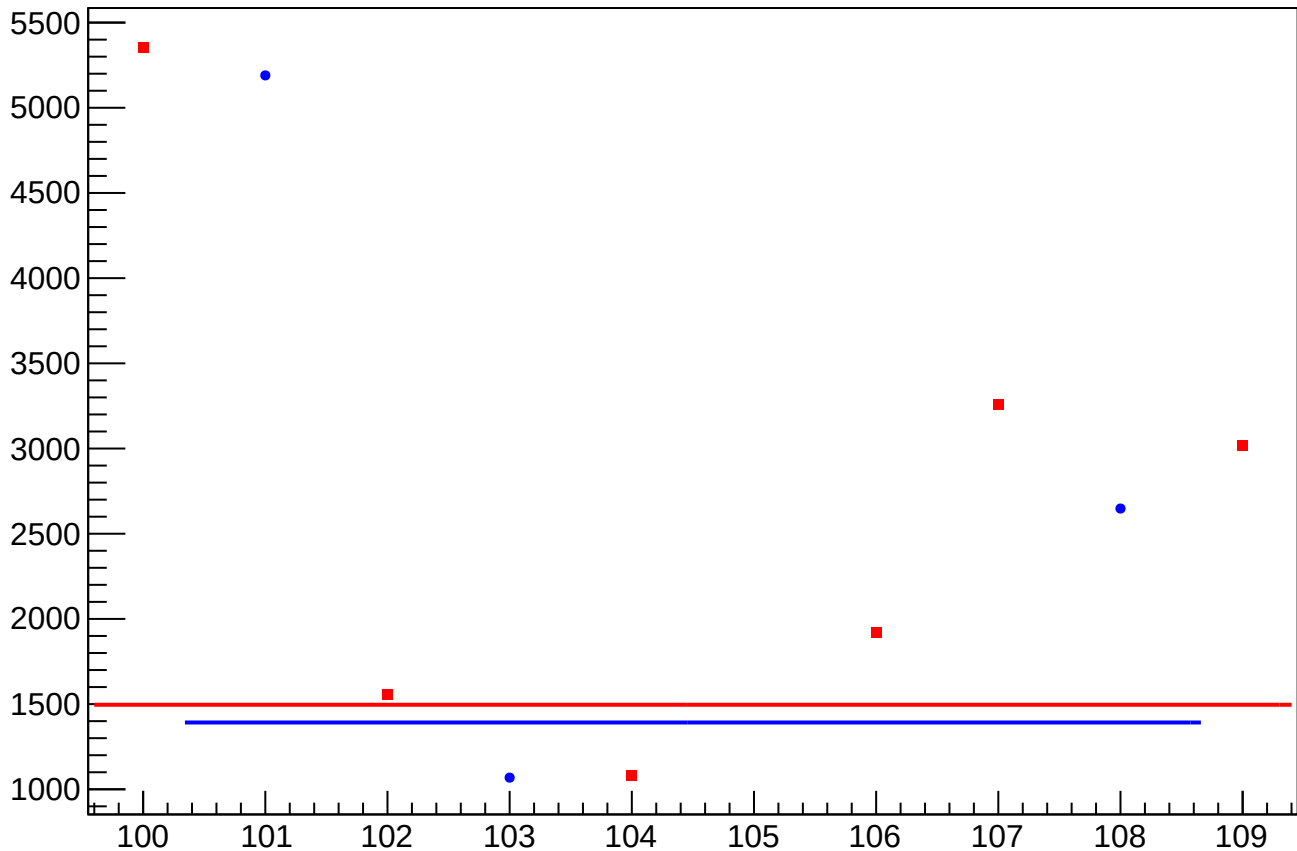
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -703.297+/-880.106 χ^2/NDF : 3.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1392.061+/-0.925 χ^2/NDF : 985901.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1496.220+/-0.838 χ^2/NDF : 660341.6/5

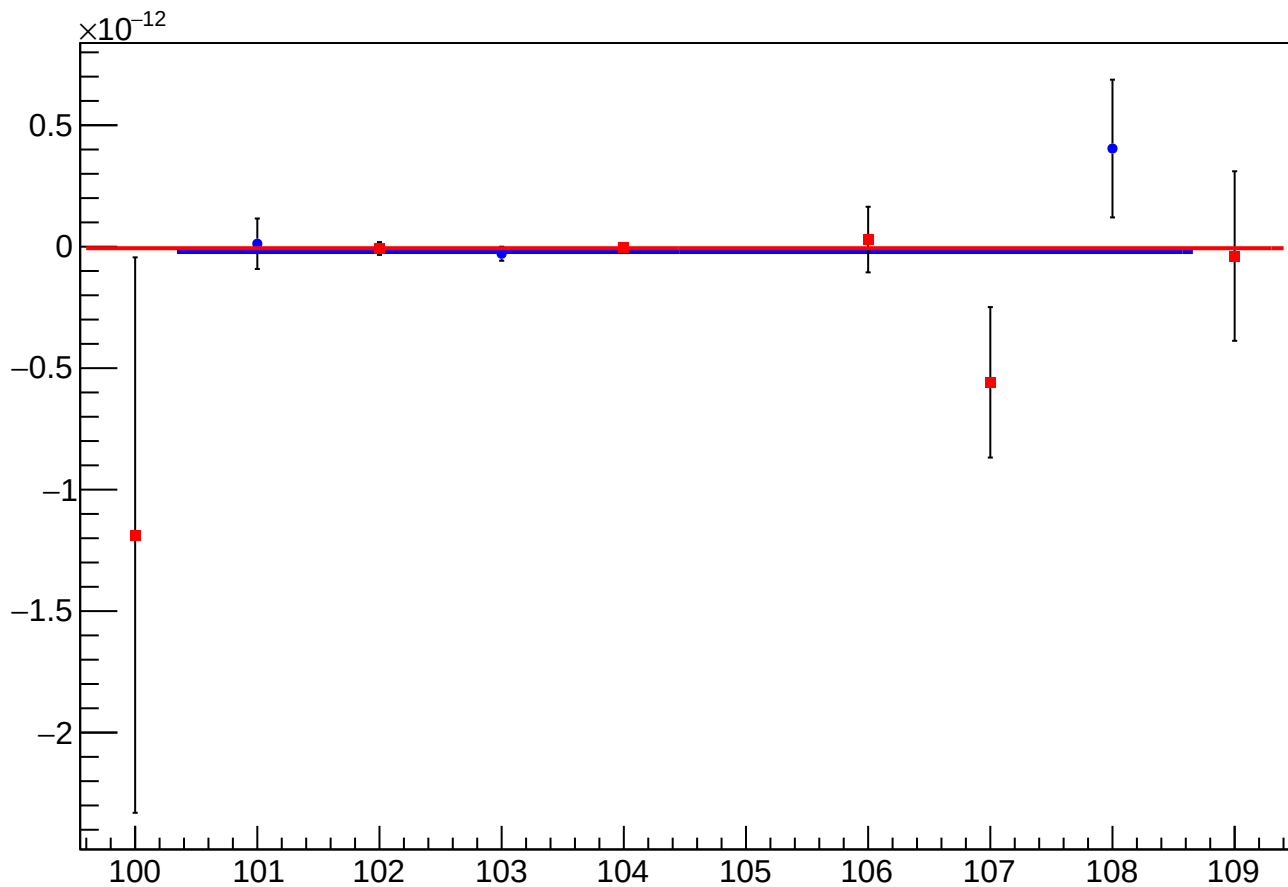
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.279+/-0.621 χ^2/NDF : 1653210.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/5

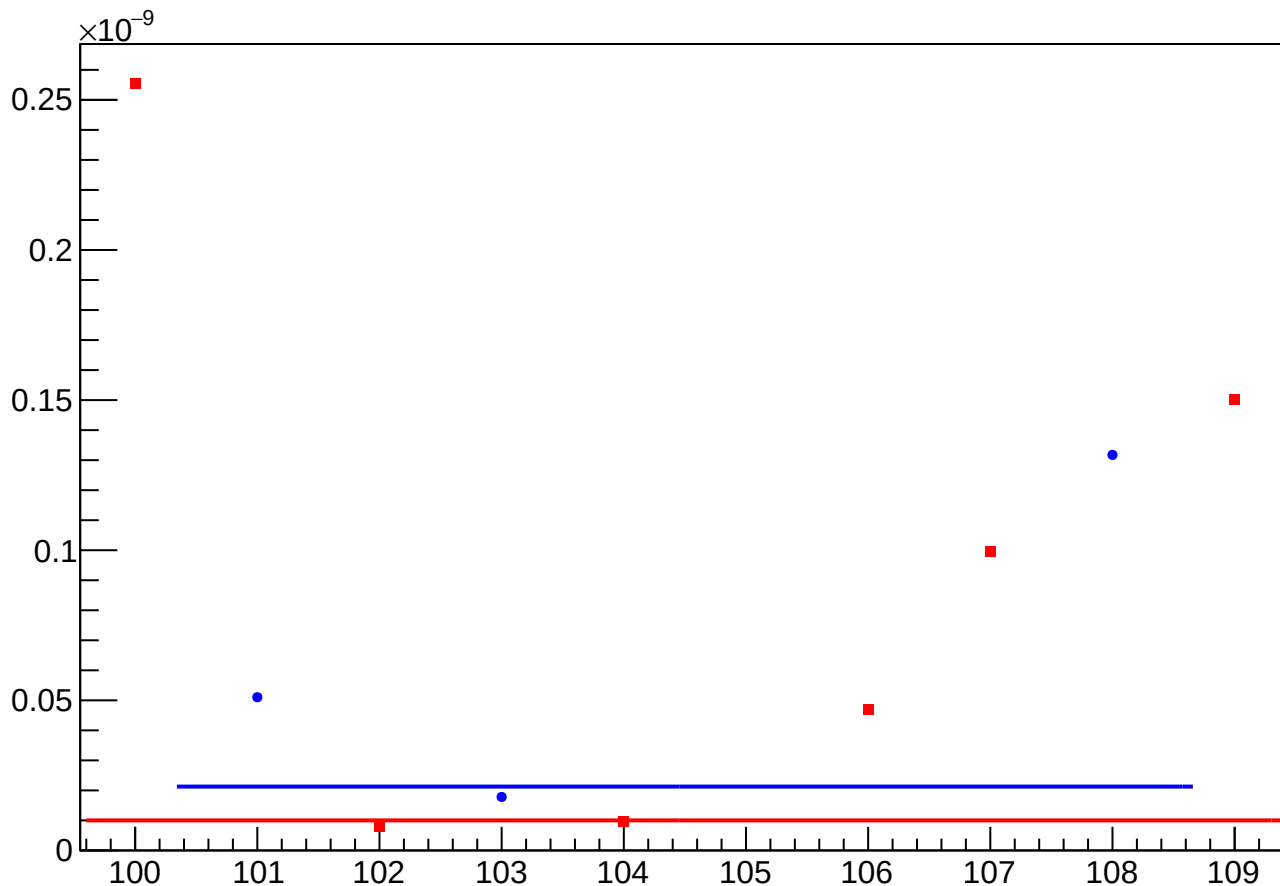
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 496360.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 743541.5/5

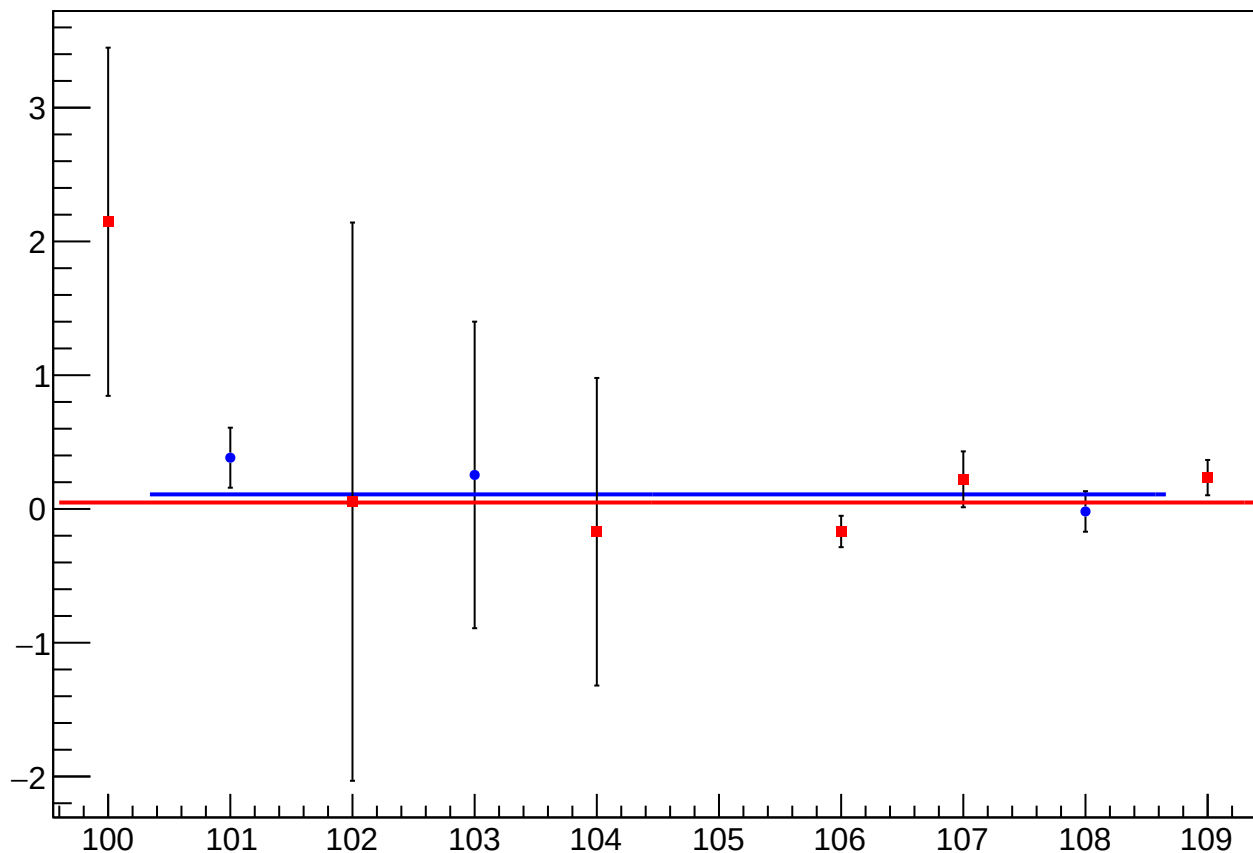
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1493636.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.080 χ^2 /NDF: 8.7/5

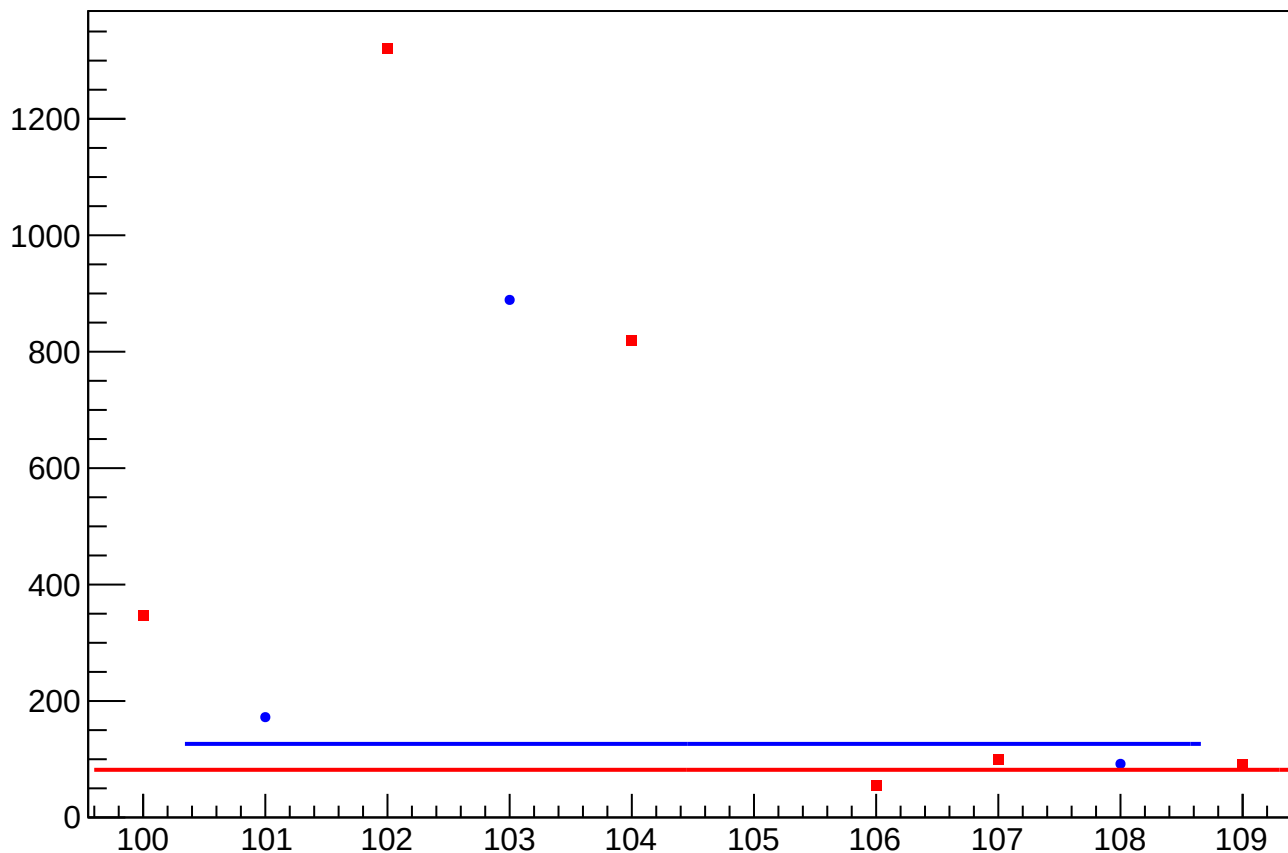
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.066 $\pm$ 0.068 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 126.363+/-0.088 χ^2/NDF : 1072073.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.844+/-0.057 χ^2/NDF : 1738305.1/5

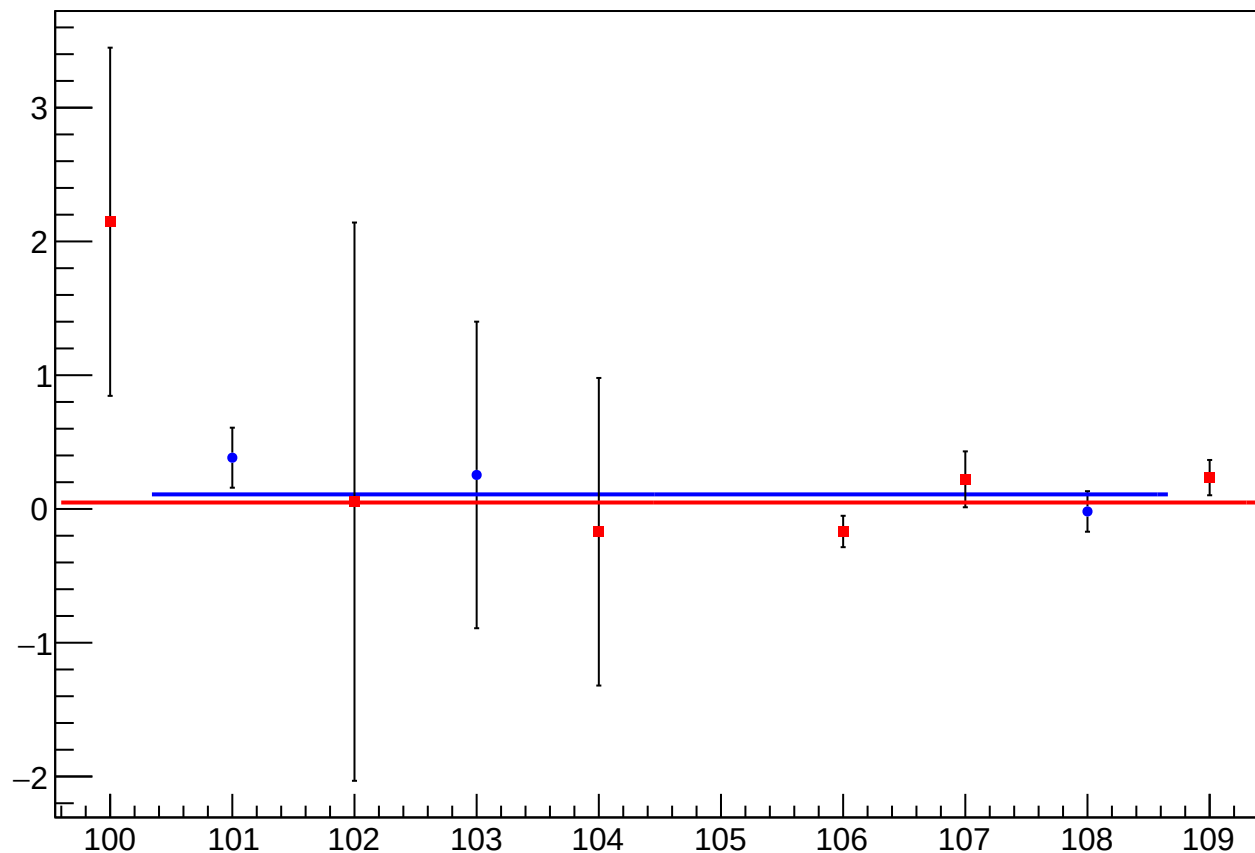
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.900+/-0.048 χ^2/NDF : 2990171.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.080 χ^2 /NDF: 8.7/5

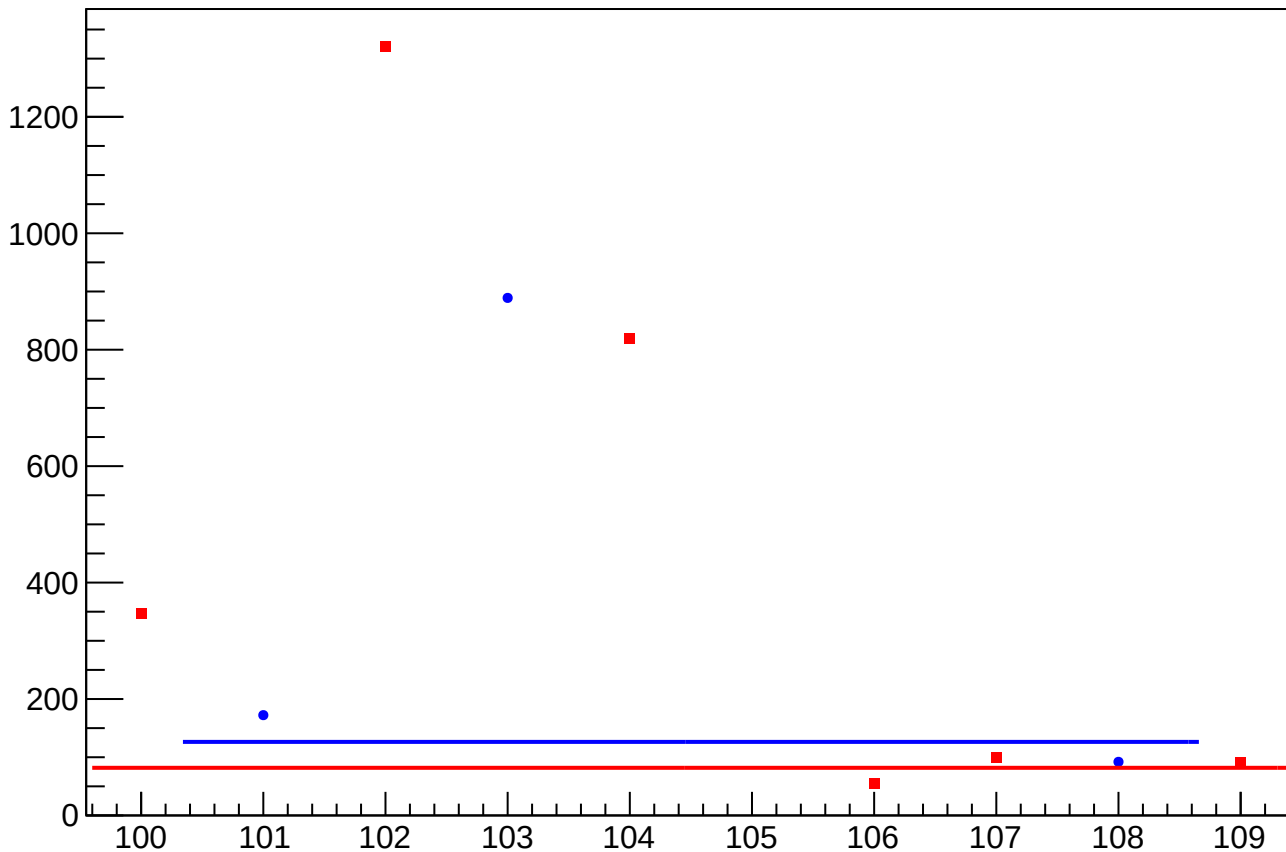
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.066 $\pm$ 0.068 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 126.363+/-0.088 χ^2/NDF : 1072073.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.844+/-0.057 χ^2/NDF : 1738305.1/5

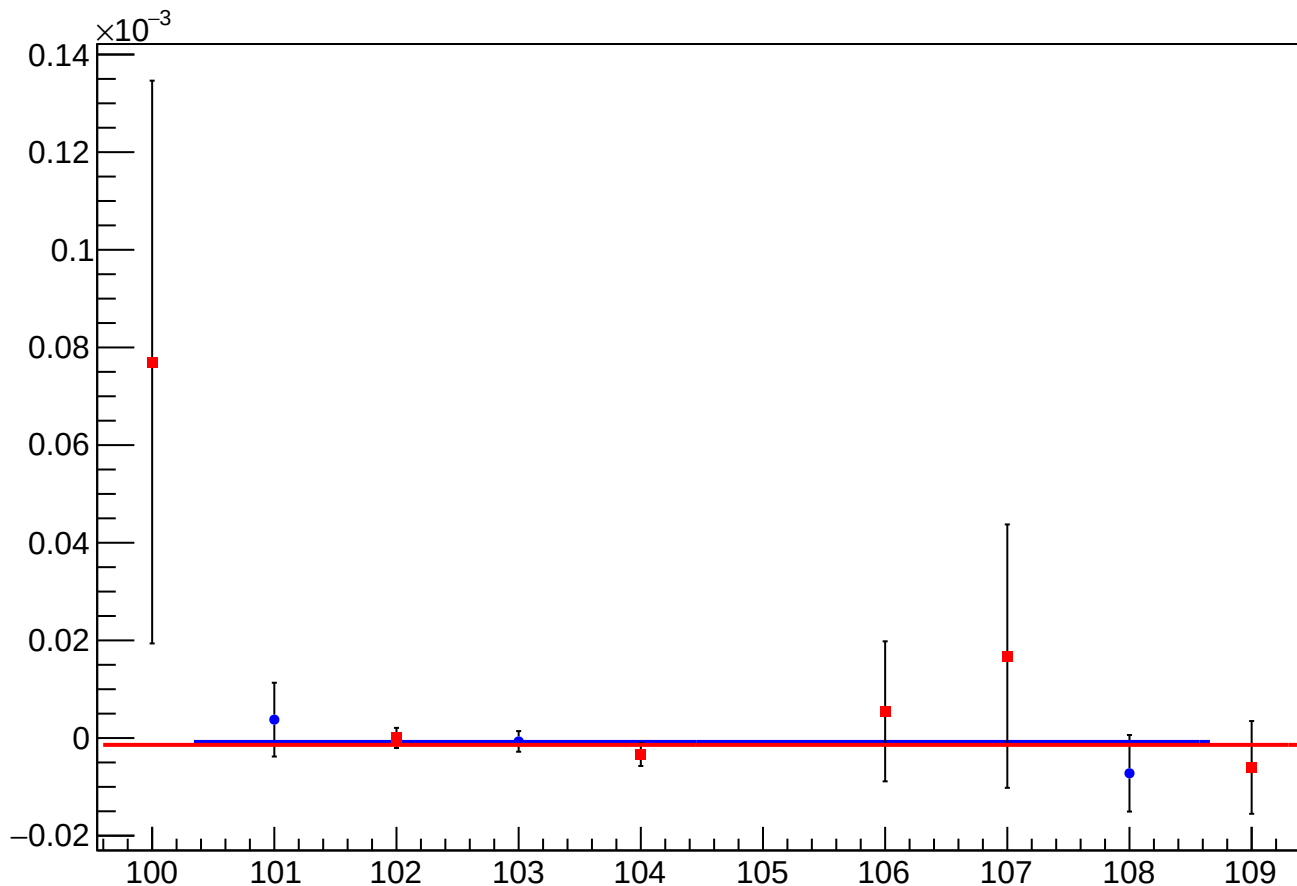
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.900+/-0.048 χ^2/NDF : 2990171.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/5

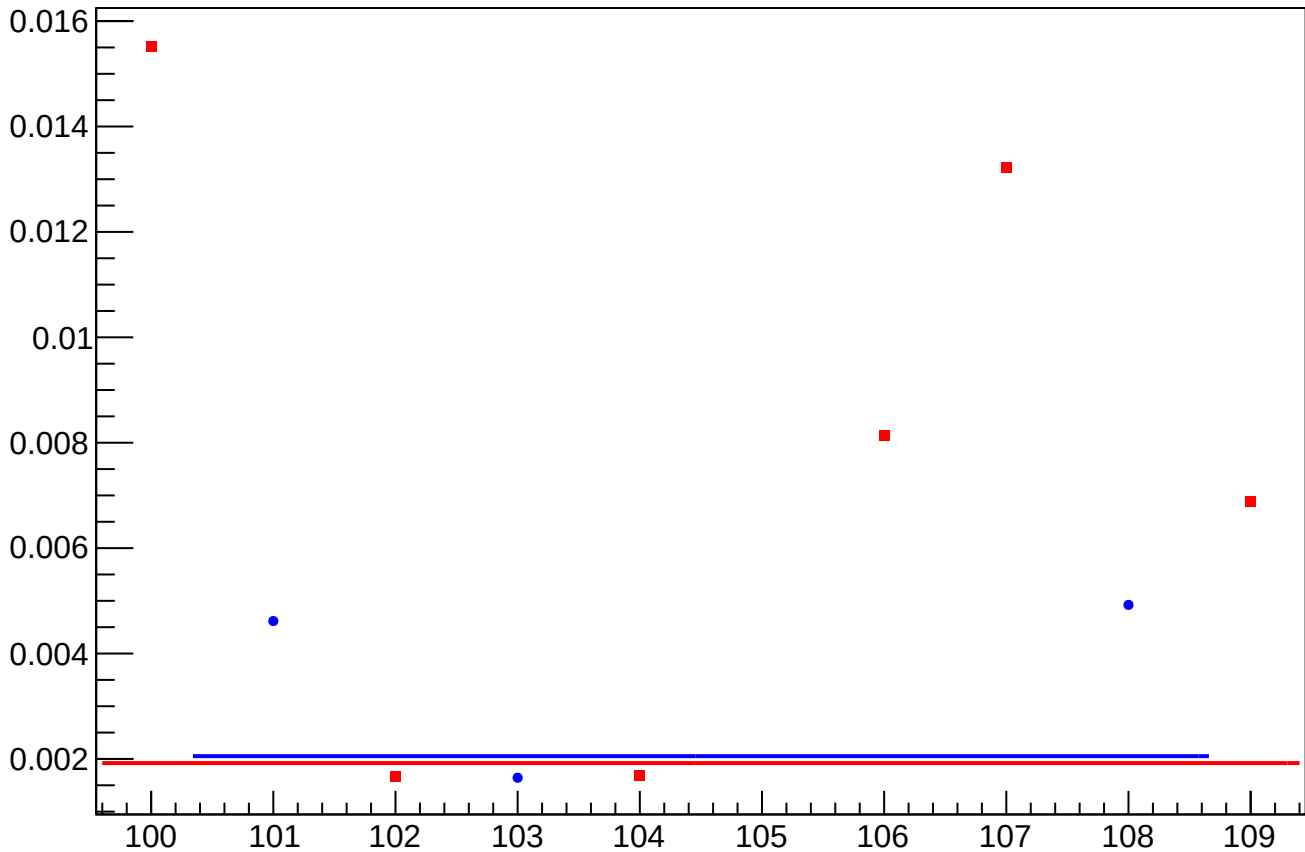
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 573139.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1437719.6/5

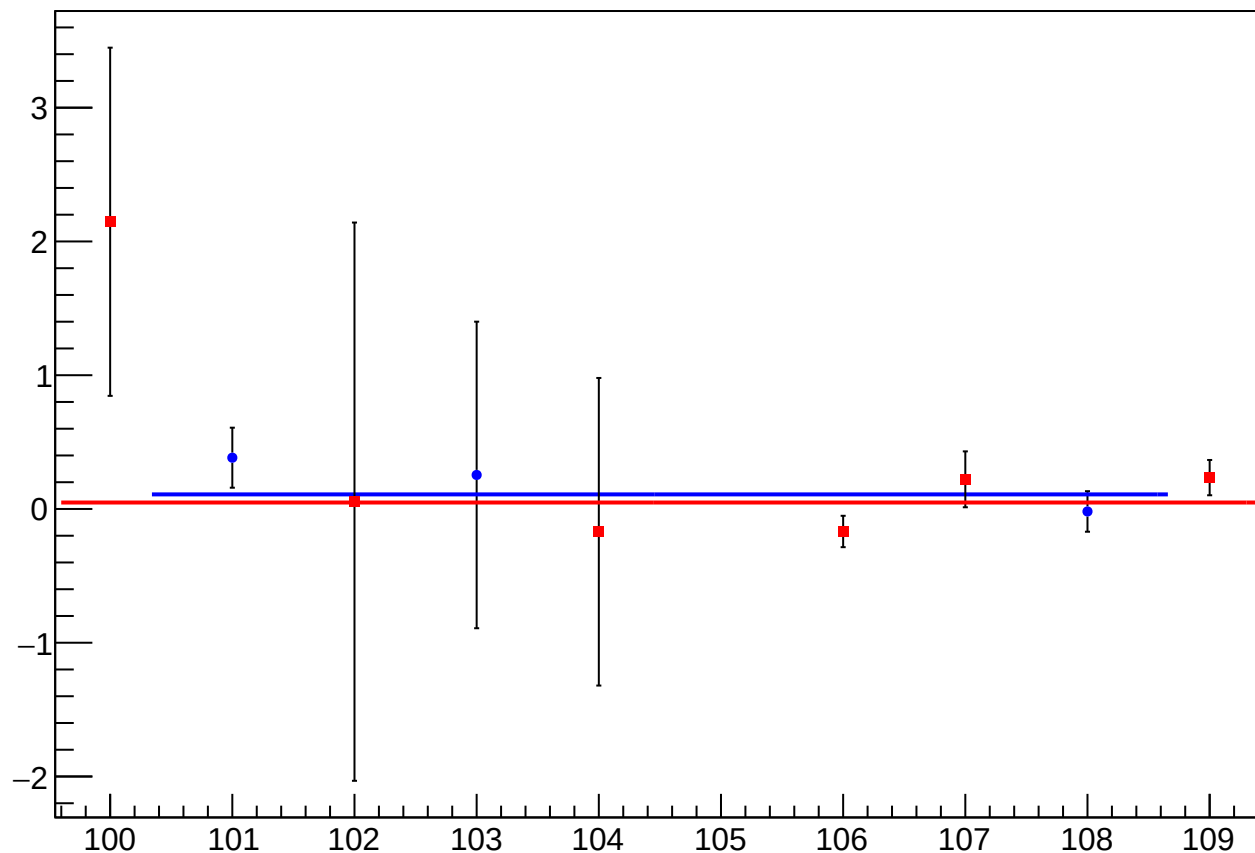
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2016436.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.080 χ^2 /NDF: 8.7/5

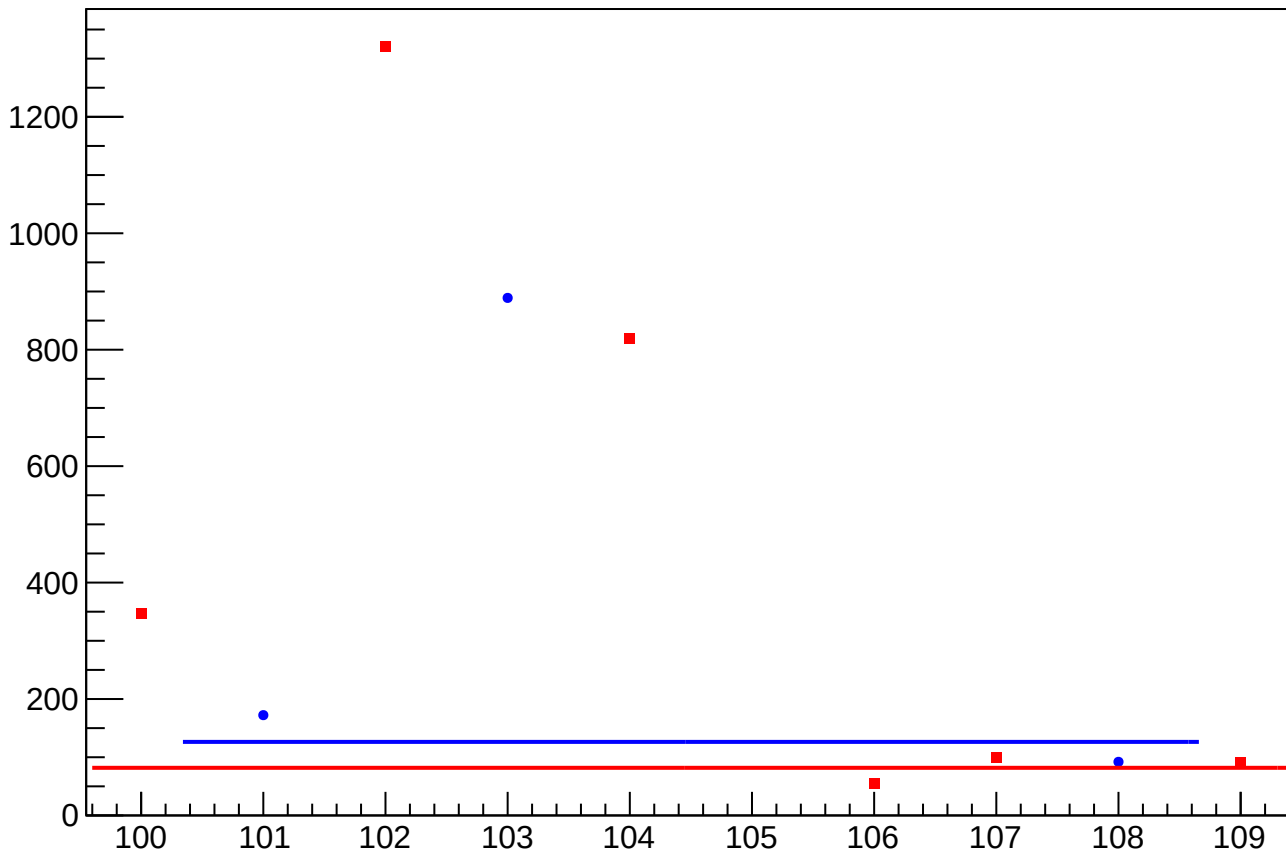
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.066 $\pm$ 0.068 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 126.364+/-0.088 χ^2/NDF : 1072056.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.841+/-0.057 χ^2/NDF : 1738349.8/5

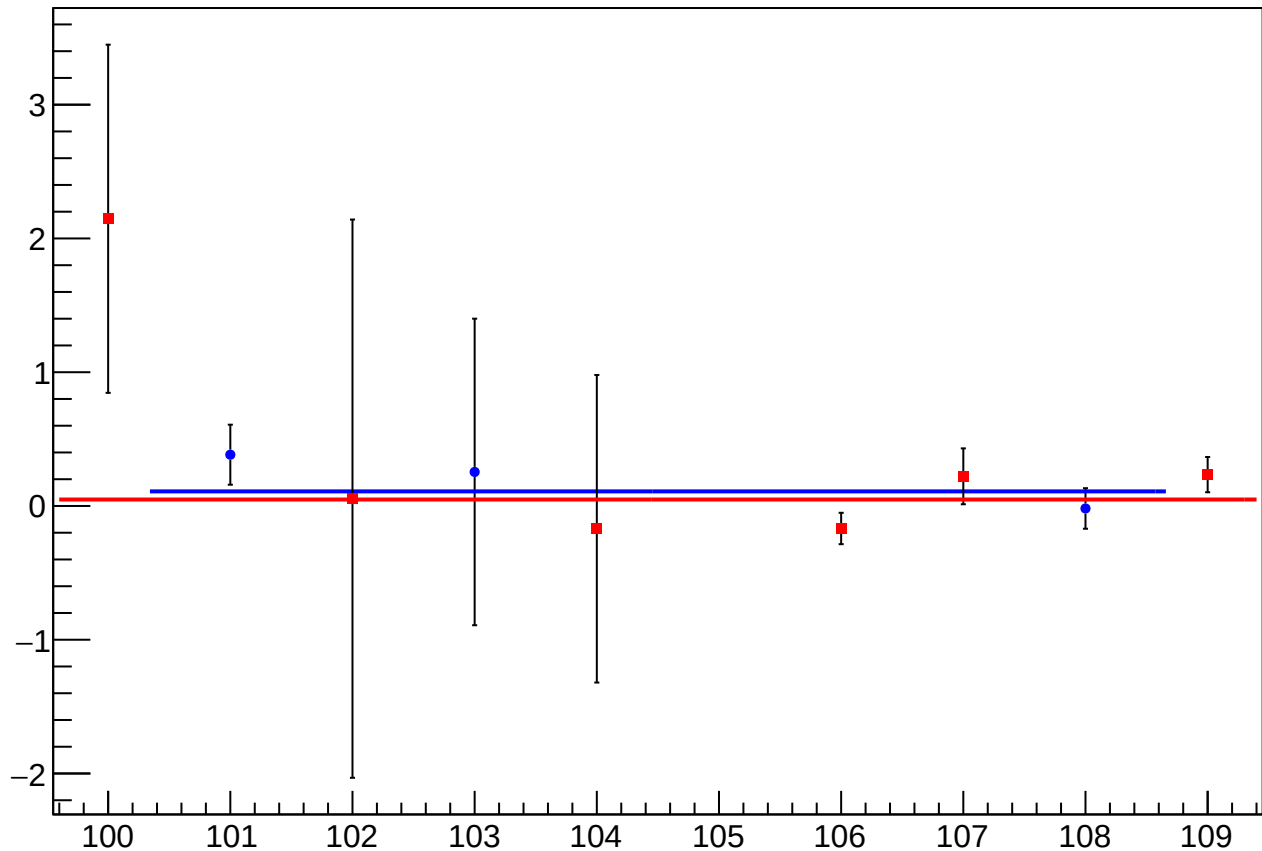
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.898+/-0.048 χ^2/NDF : 2990239.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.109 $\pm$ 0.125 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.048 $\pm$ 0.080 χ^2 /NDF: 8.7/5

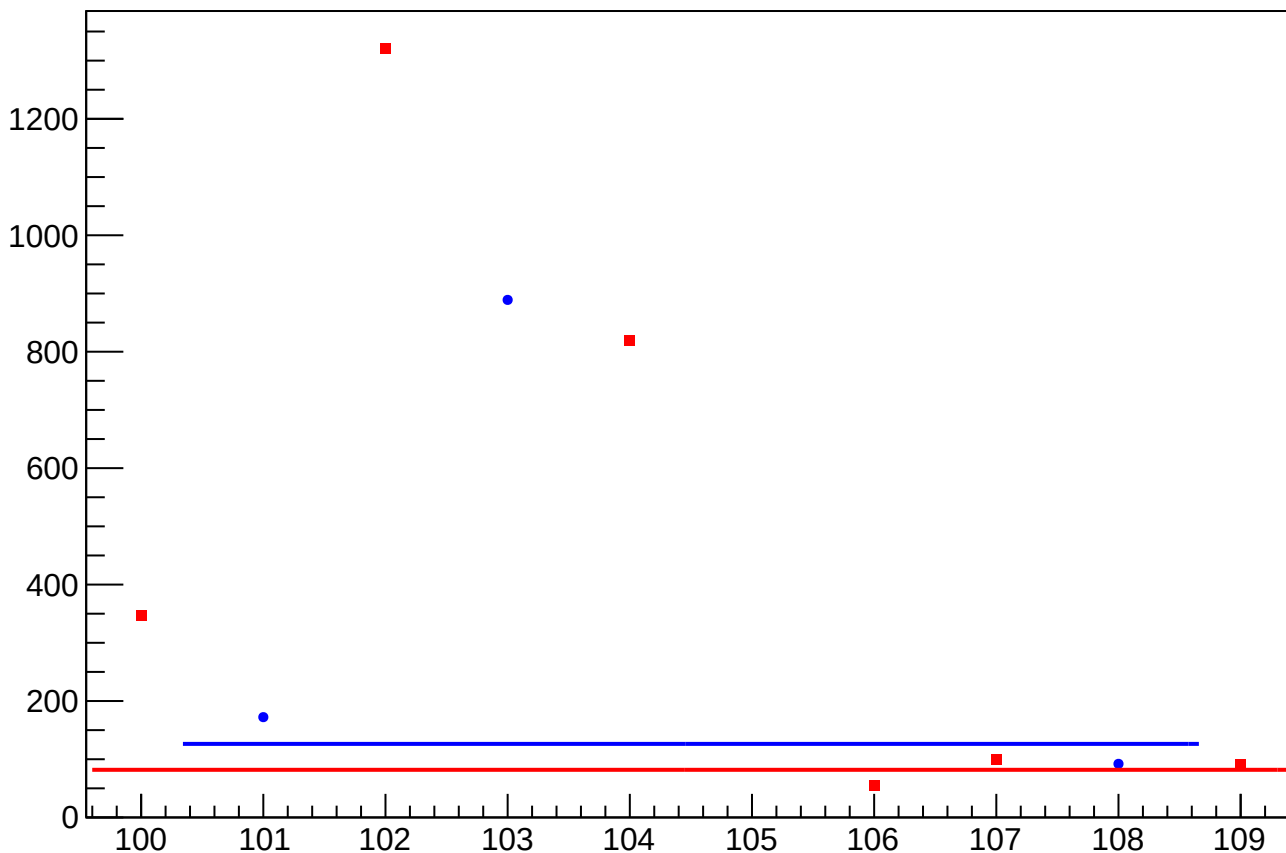
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.066 $\pm$ 0.068 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 126.364+/-0.088 χ^2/NDF : 1072056.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.841+/-0.057 χ^2/NDF : 1738349.8/5

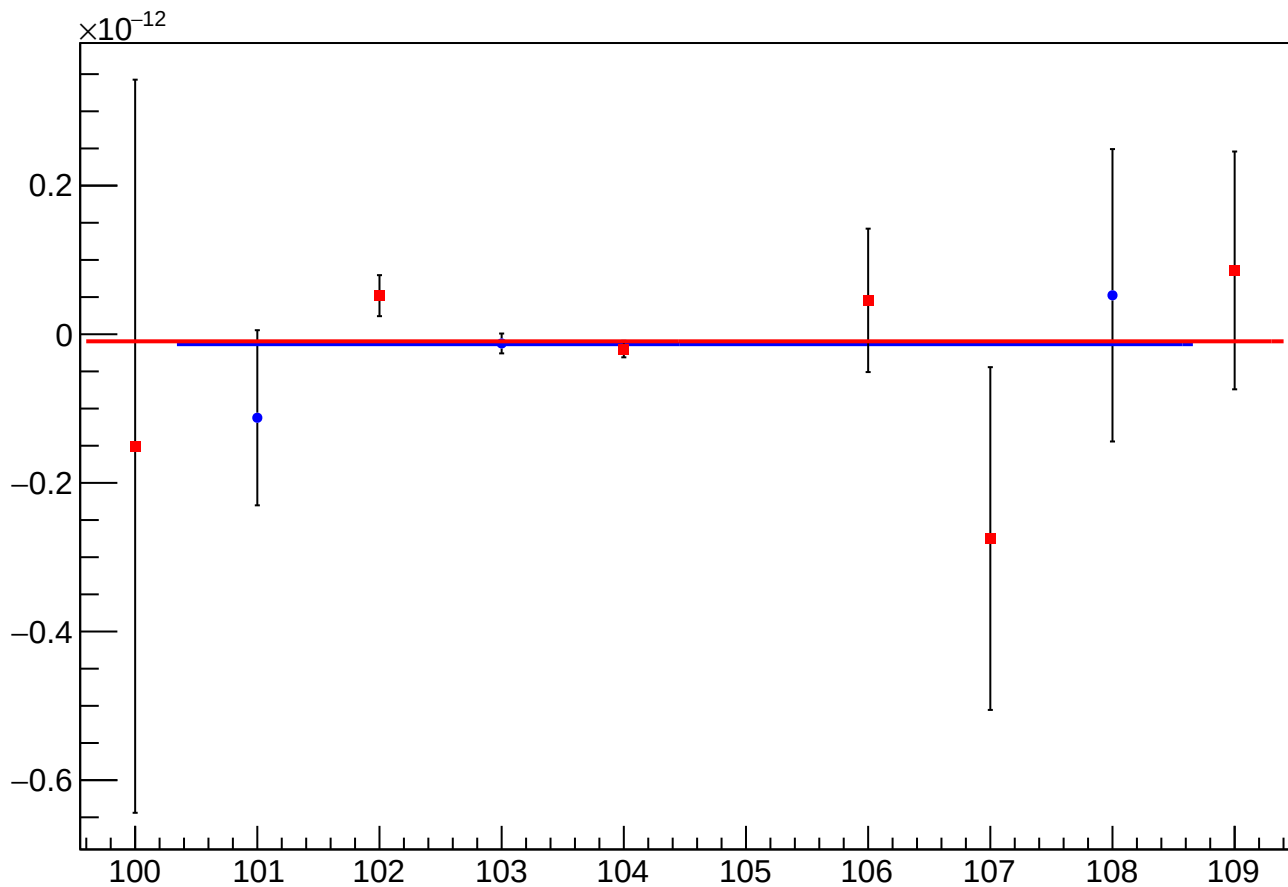
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.898+/-0.048 χ^2/NDF : 2990239.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 7.9/5

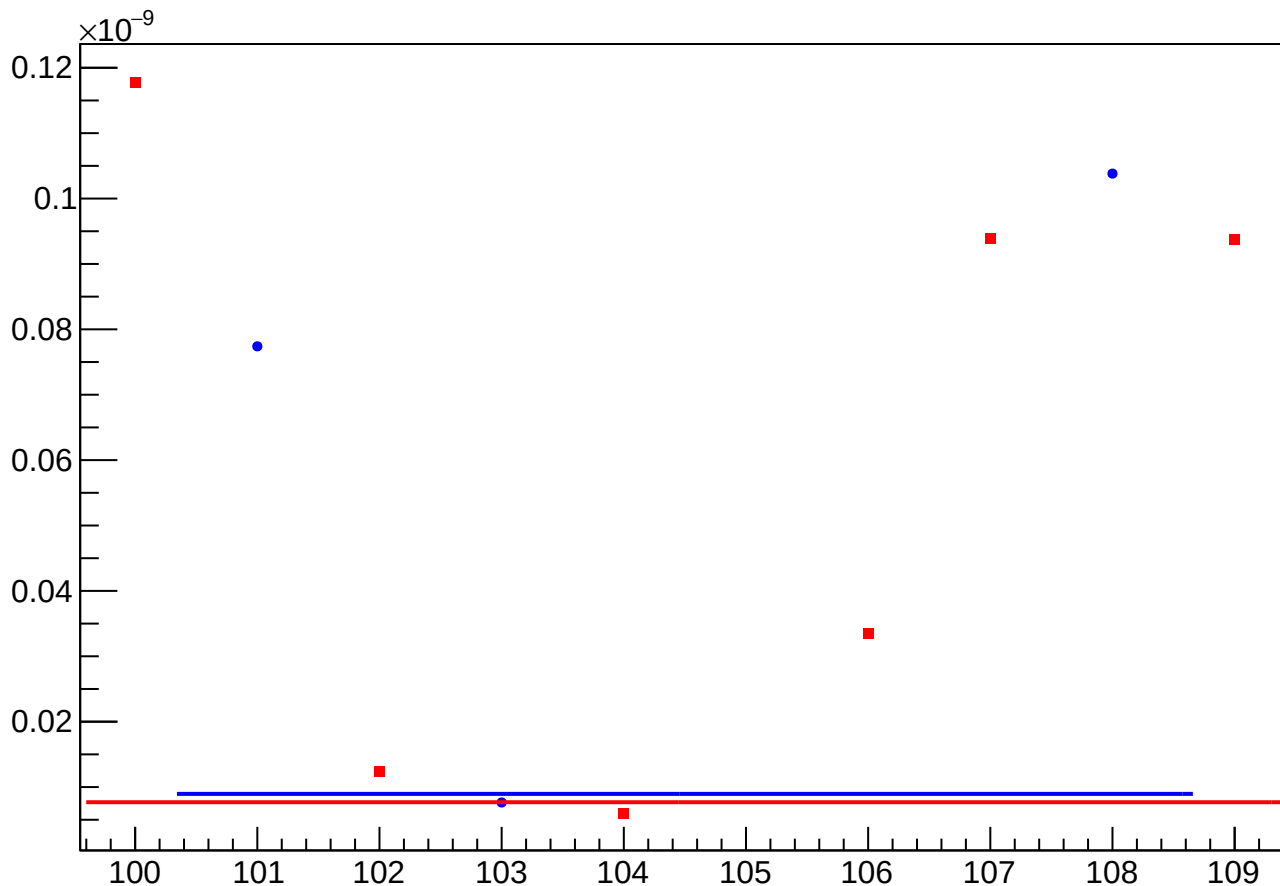
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 8.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1159129.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1206737.3/5

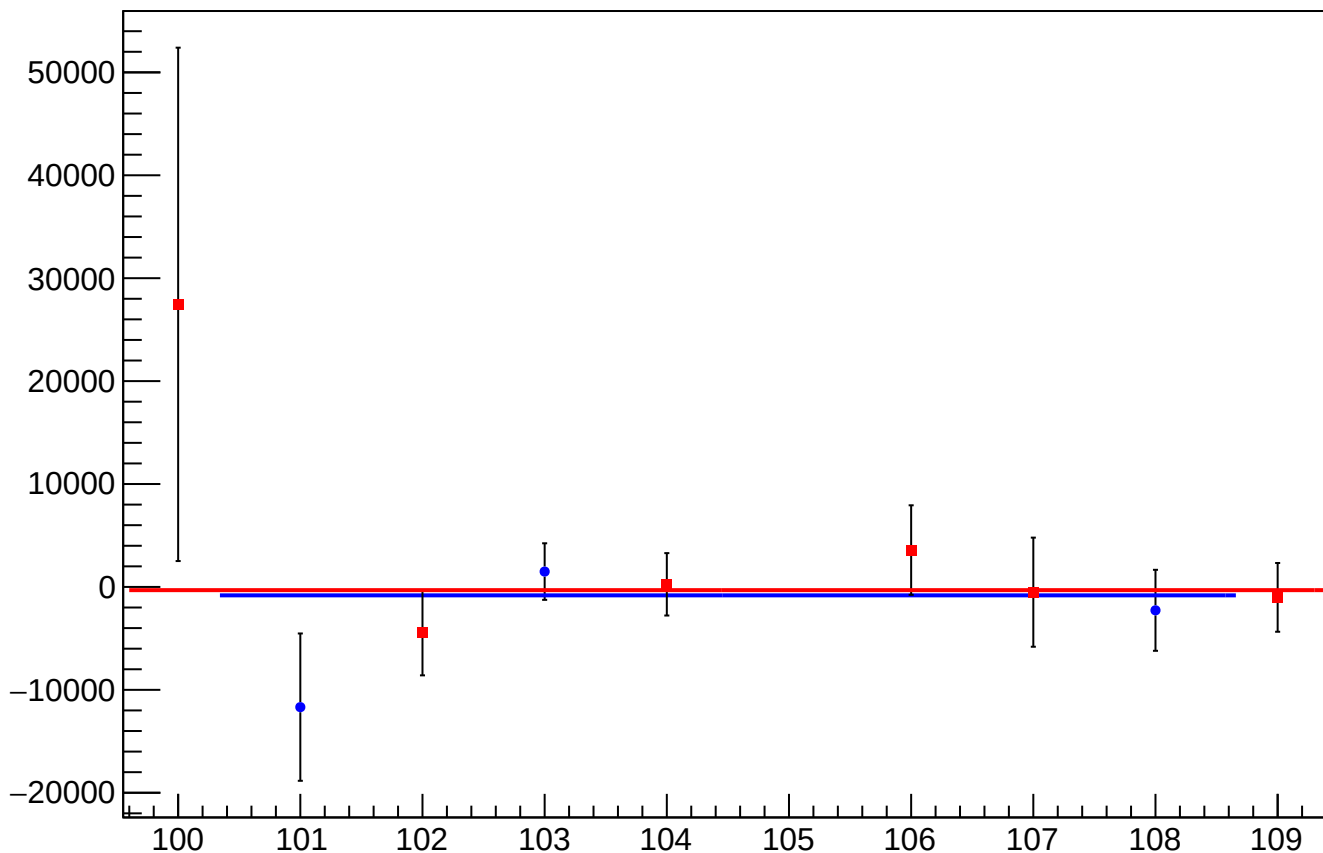
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2377517.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -817.975+/-2149.213 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -312.181+/-1698.067 χ^2/NDF : 3.1/5

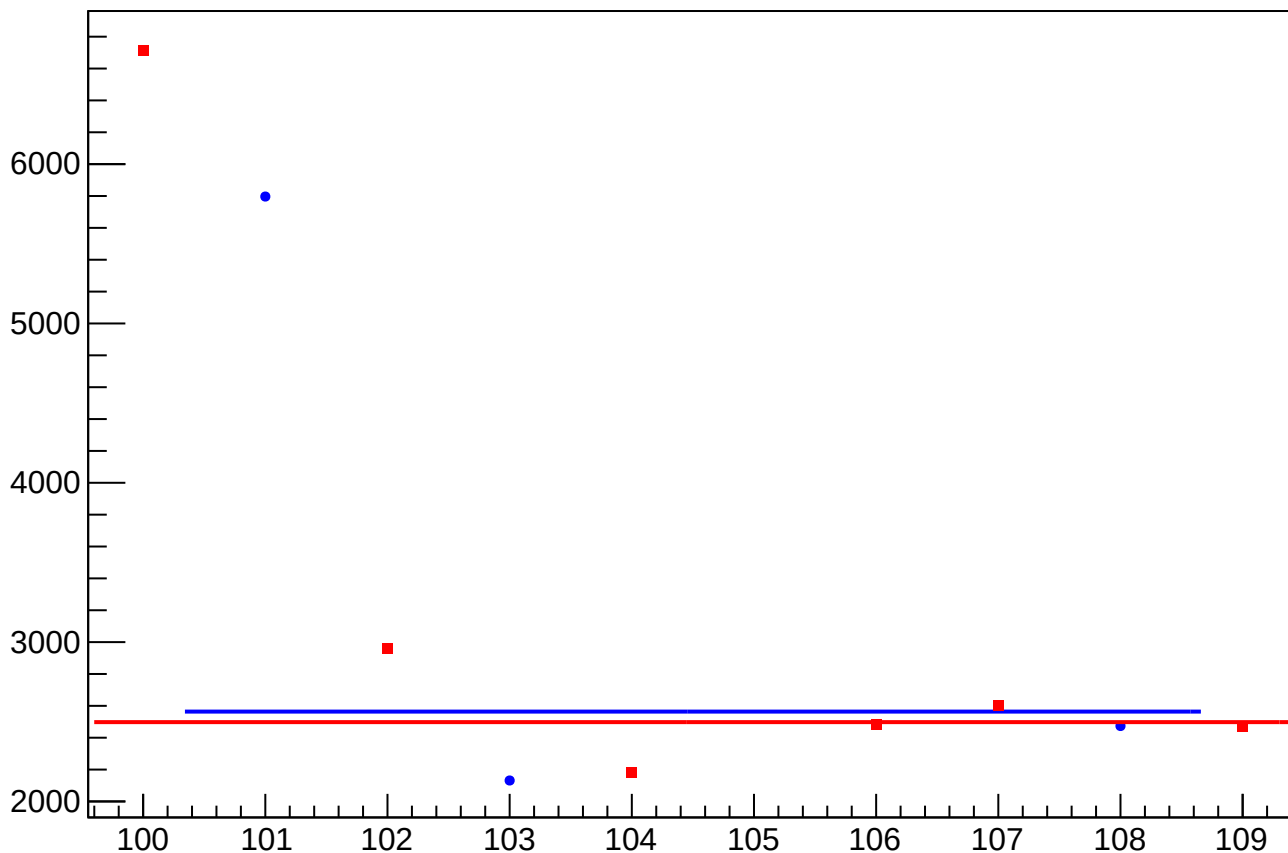
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -506.571+/-1332.385 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2563.929 $\pm$ 1.520 χ^2 /NDF: 458498.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2497.799 $\pm$ 1.201 χ^2 /NDF: 104537.0/5

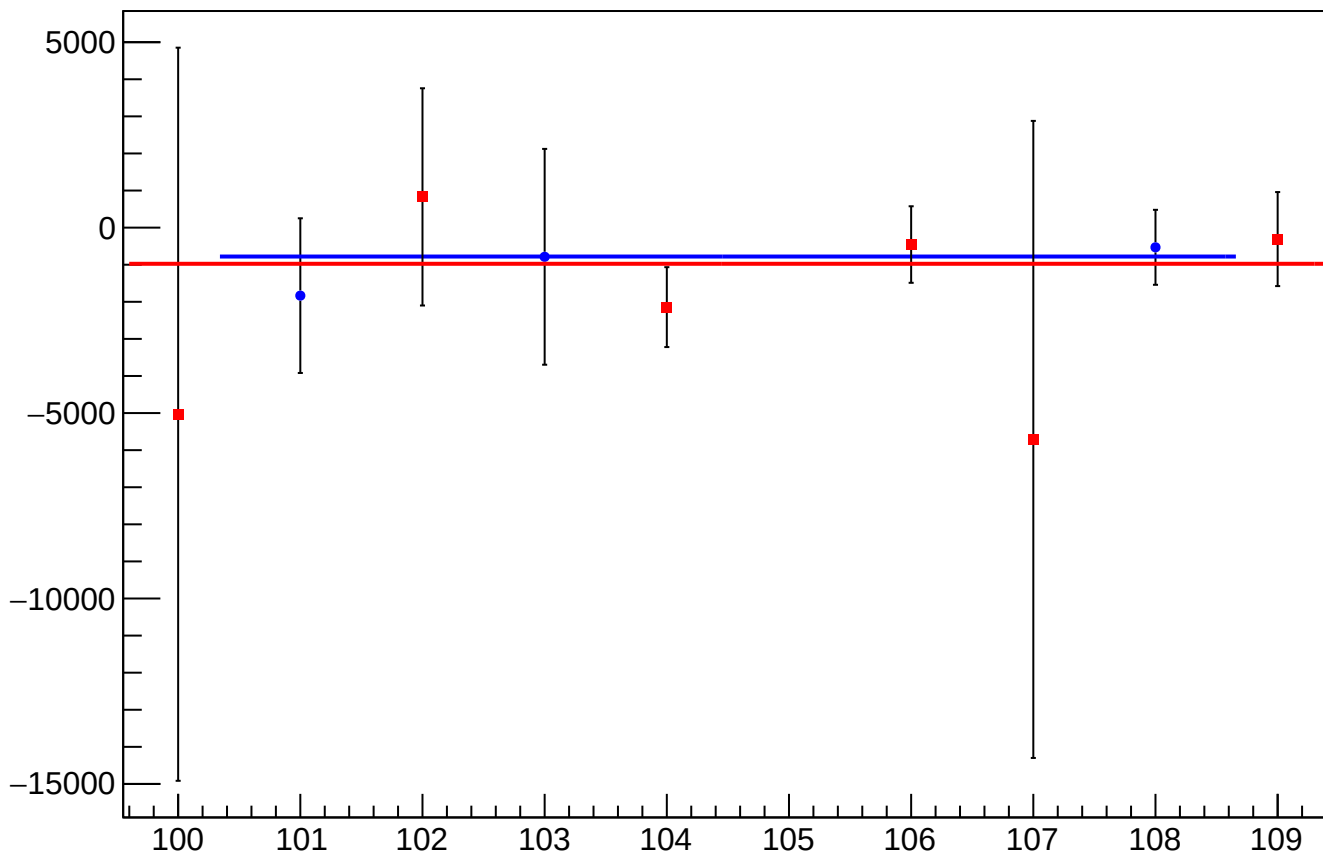
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2523.214 $\pm$ 0.942 χ^2 /NDF: 564201.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug



Right In: -779.261+/-868.164 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -974.997+/-624.532 χ^2/NDF : 2.6/5

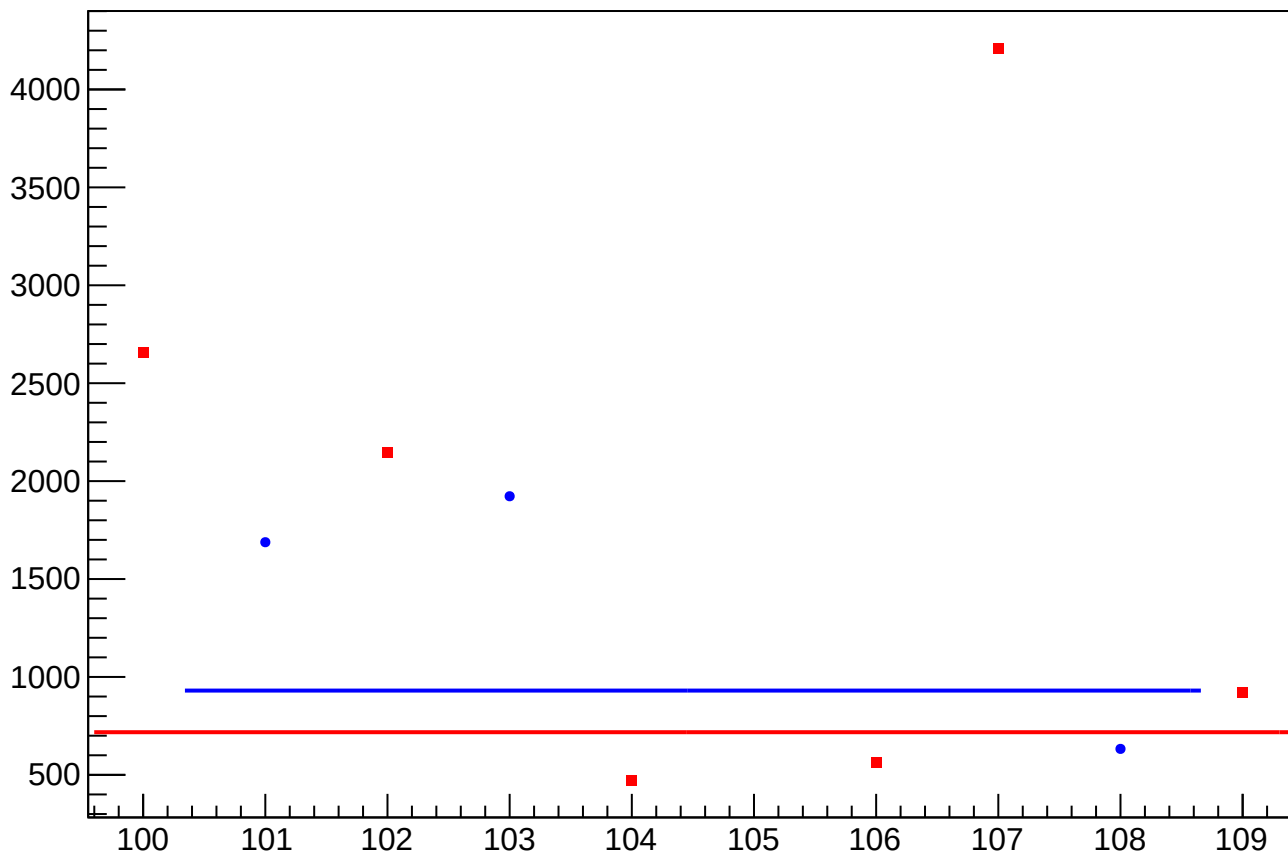
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -908.248+/-506.980 χ^2/NDF : 2.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug



Right In: 930.407 $\pm$ 0.614 χ^2 /NDF: 670108.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 717.834 $\pm$ 0.442 χ^2 /NDF: 1086216.8/5

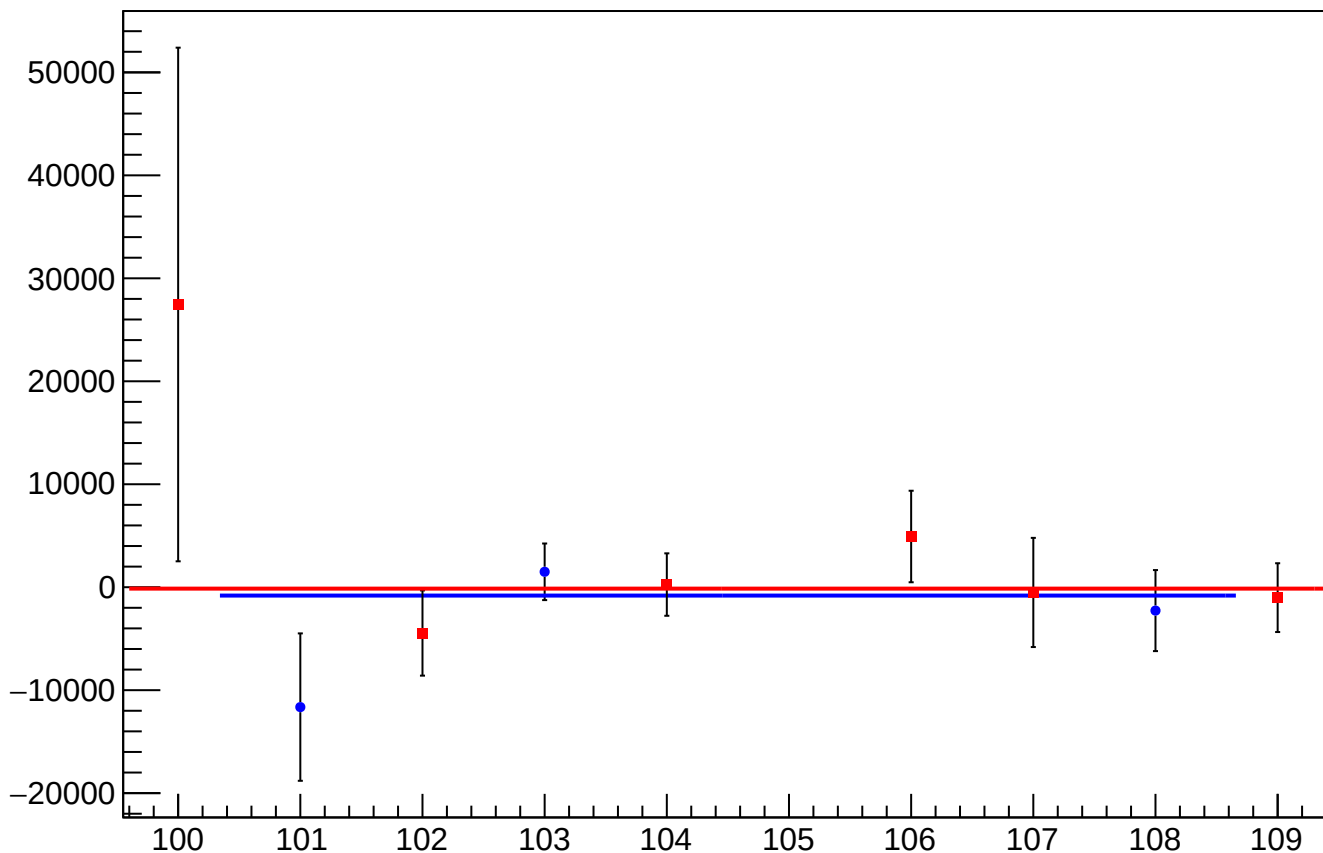
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 790.325 $\pm$ 0.358 χ^2 /NDF: 1835340.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -812.241+/-2149.216 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -137.828+/-1703.459 χ^2/NDF : 3.7/5

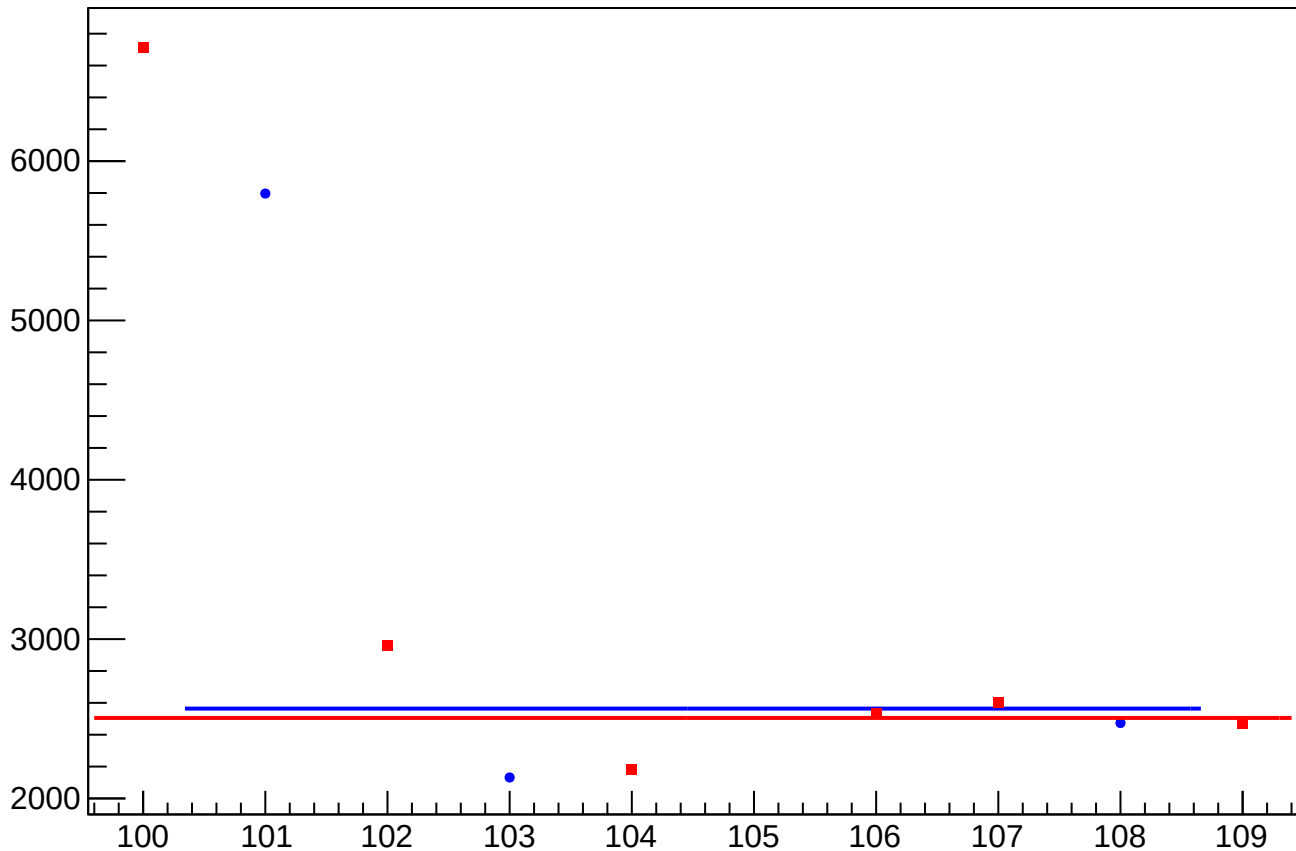
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.035+/-1334.986 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2563.930+/-1.520 χ^2/NDF : 458499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2505.340+/-1.205 χ^2/NDF : 104613.7/5

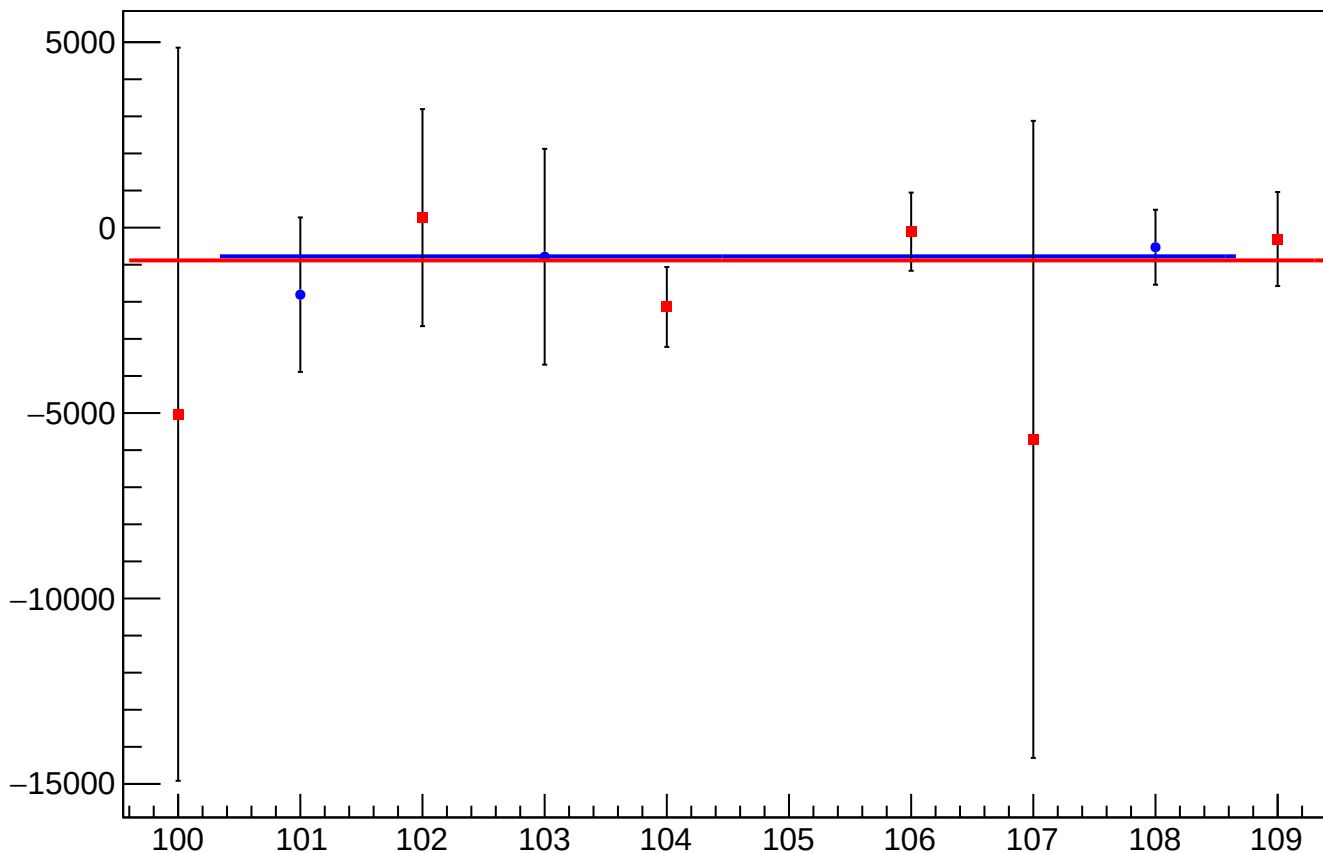
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2527.945+/-0.944 χ^2/NDF : 564025.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug



Right In: -774.241 $\pm$ 867.994 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -884.280 $\pm$ 629.316 χ^2 /NDF: 2.8/5

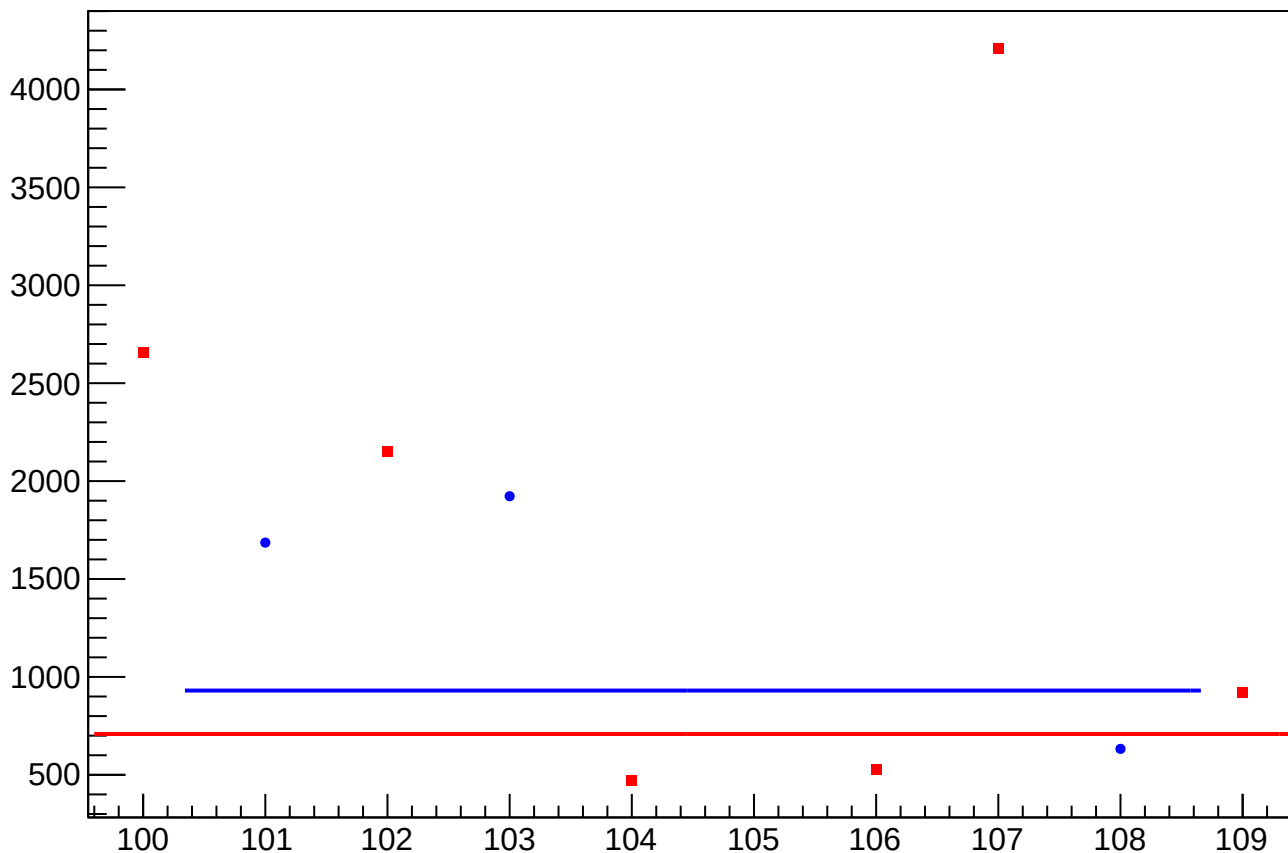
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -846.367 $\pm$ 509.495 χ^2 /NDF: 3.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug



Right In: 930.382 $\pm$ 0.614 χ^2 /NDF: 669300.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 708.644 $\pm$ 0.445 χ^2 /NDF: 1107719.7/5

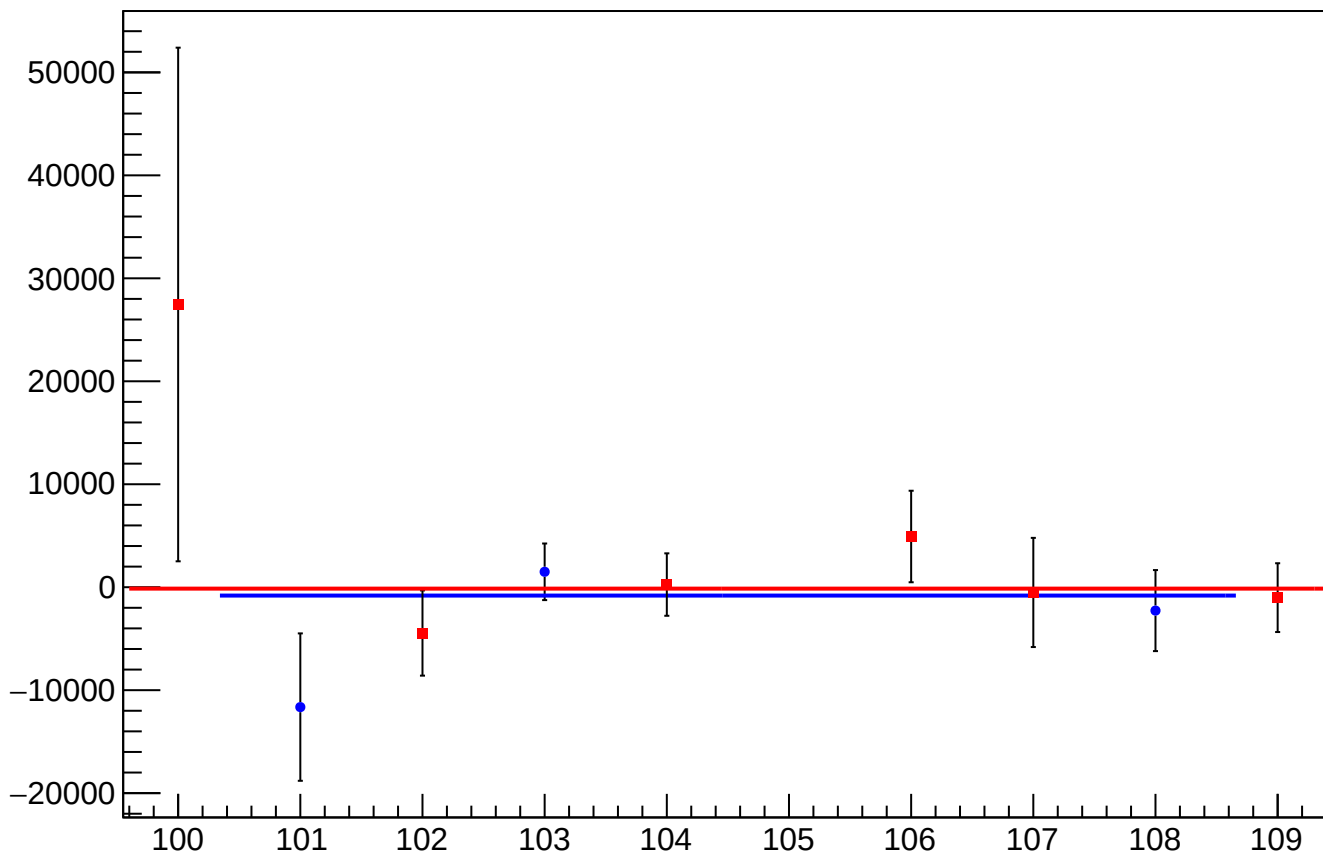
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 785.043 $\pm$ 0.360 χ^2 /NDF: 1862570.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -812.241+/-2149.216 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -137.828+/-1703.459 χ^2/NDF : 3.7/5

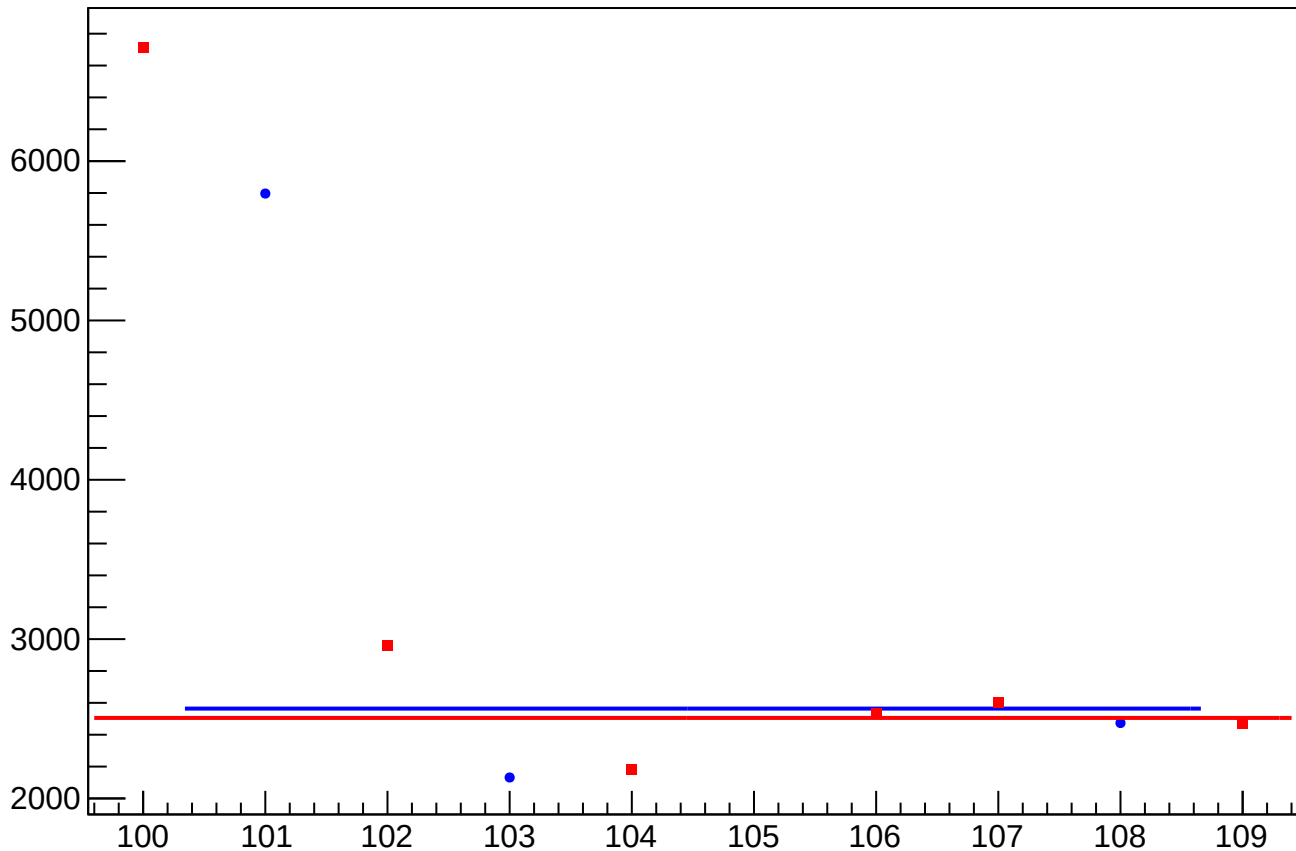
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.035+/-1334.986 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2563.930+/-1.520 χ^2/NDF : 458499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2505.340+/-1.205 χ^2/NDF : 104613.7/5

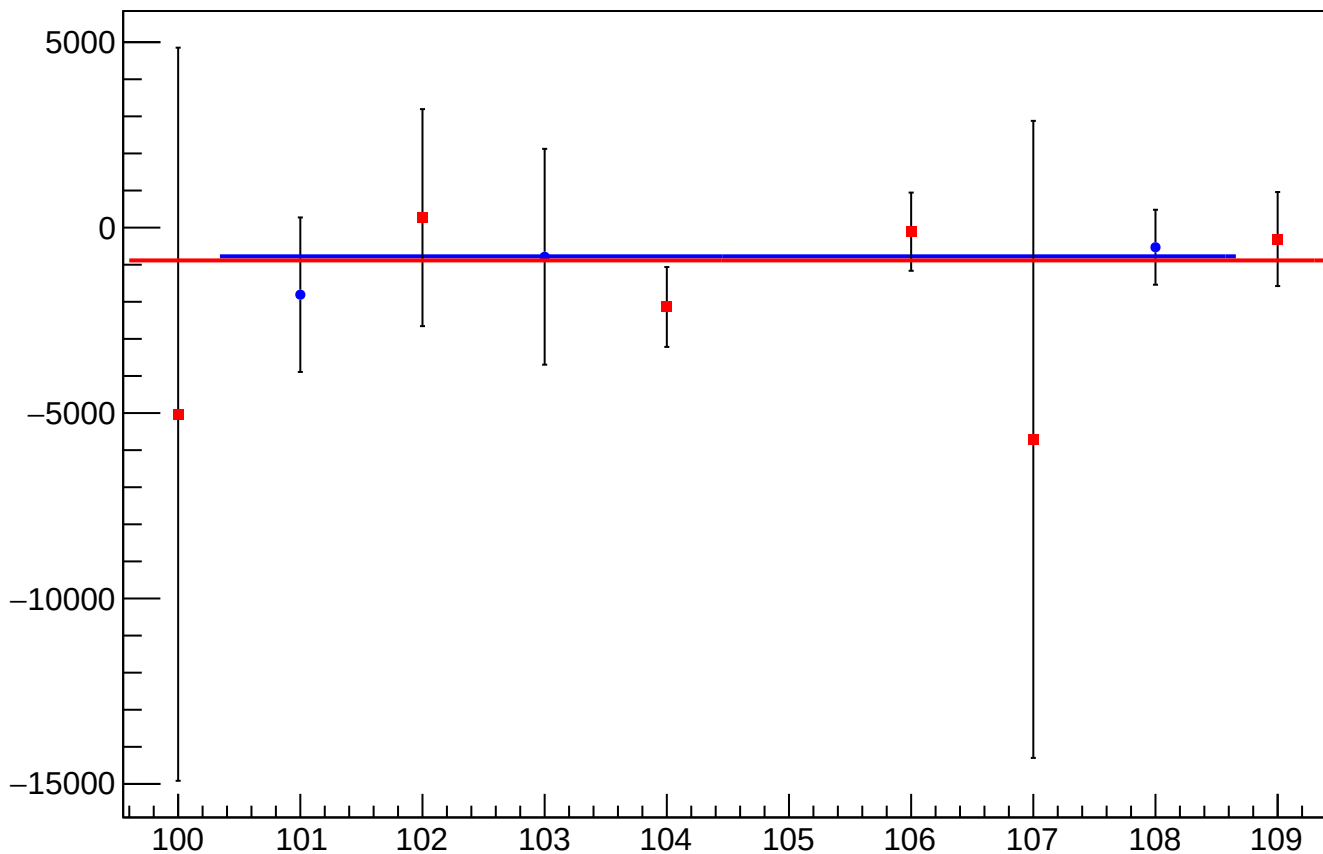
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2527.945+/-0.944 χ^2/NDF : 564025.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -774.241+/-867.994 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -884.280+/-629.316 χ^2/NDF : 2.8/5

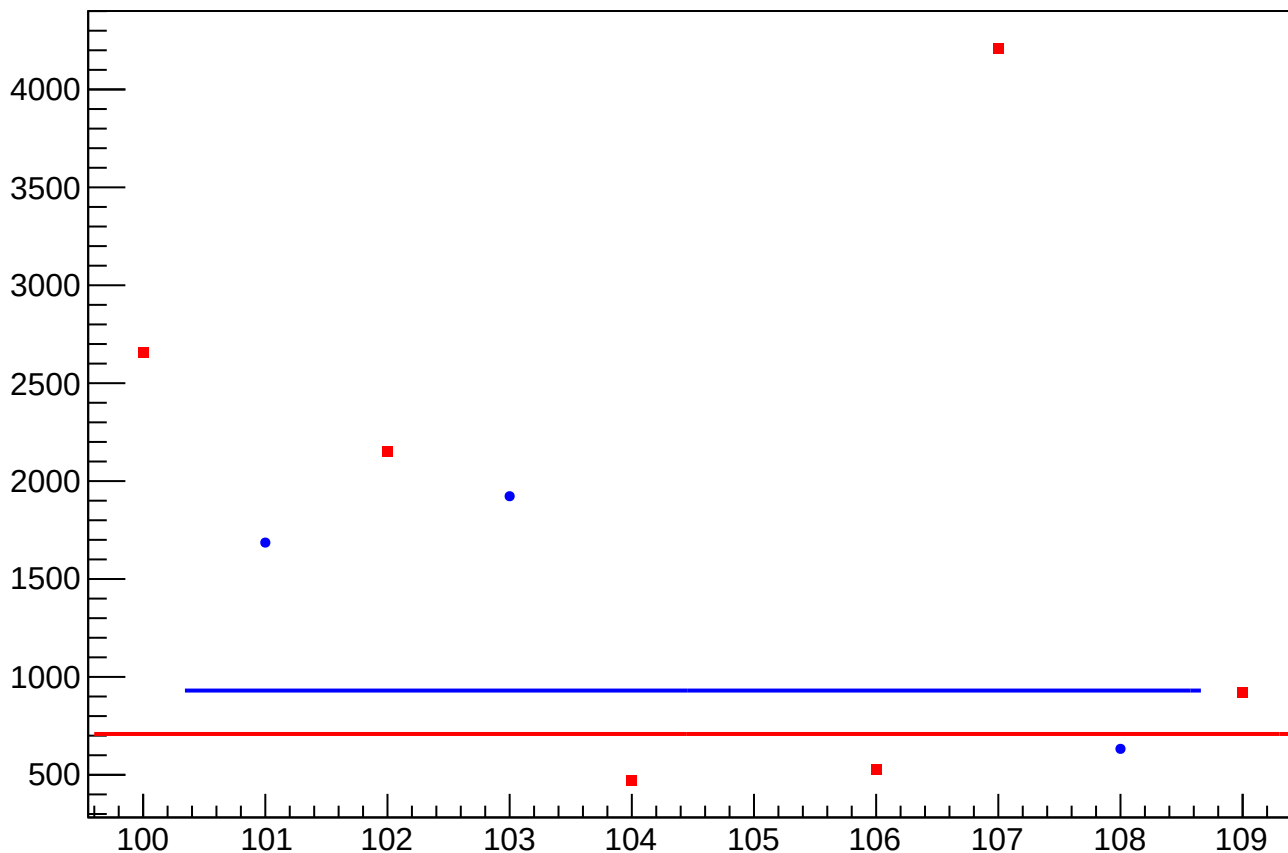
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -846.367+/-509.495 χ^2/NDF : 3.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 930.382 $\pm$ 0.614 χ^2 /NDF: 669300.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 708.644 $\pm$ 0.445 χ^2 /NDF: 1107719.7/5

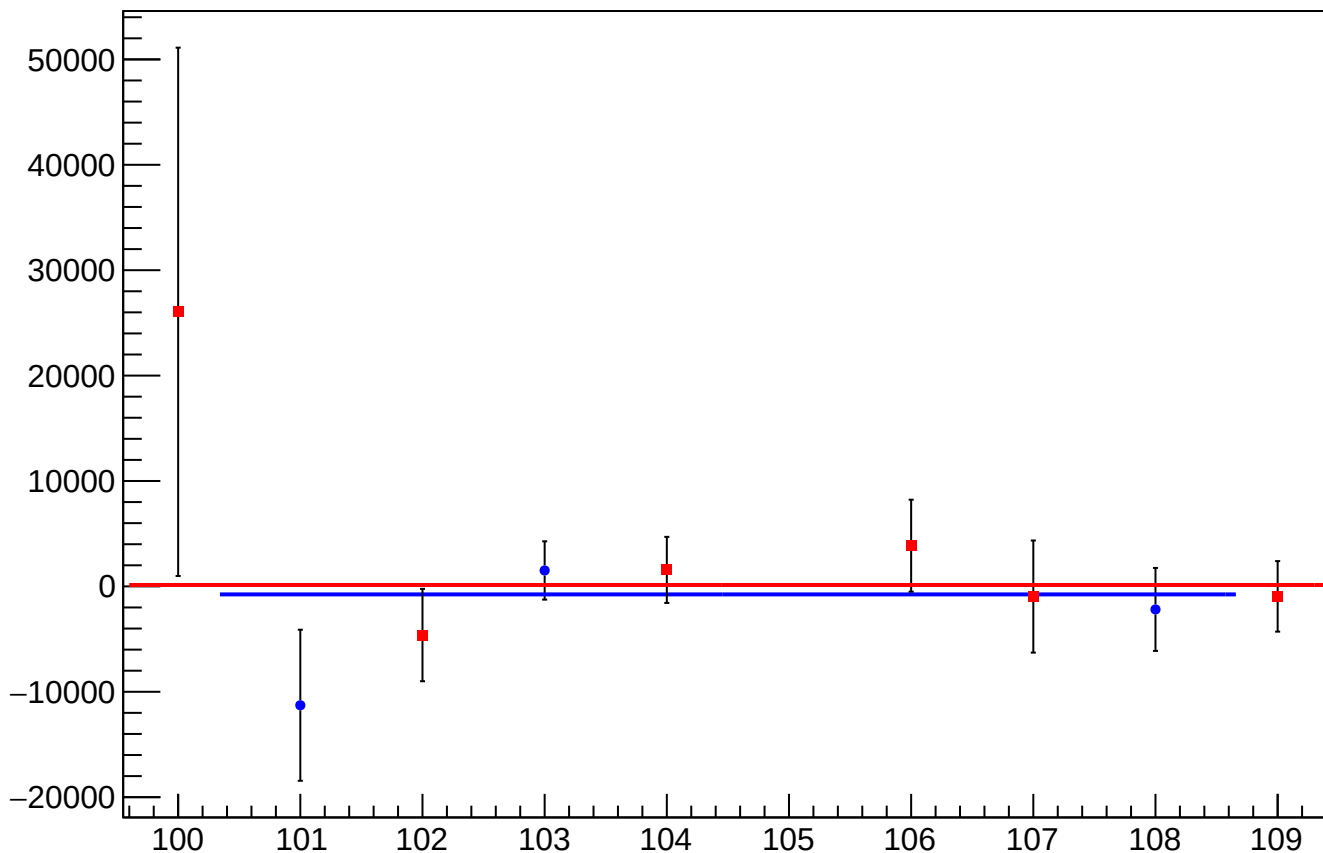
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 785.043 $\pm$ 0.360 χ^2 /NDF: 1862570.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -760.198 $\pm$ 2158.379 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.446 $\pm$ 1734.106 χ^2 /NDF: 3.3/5

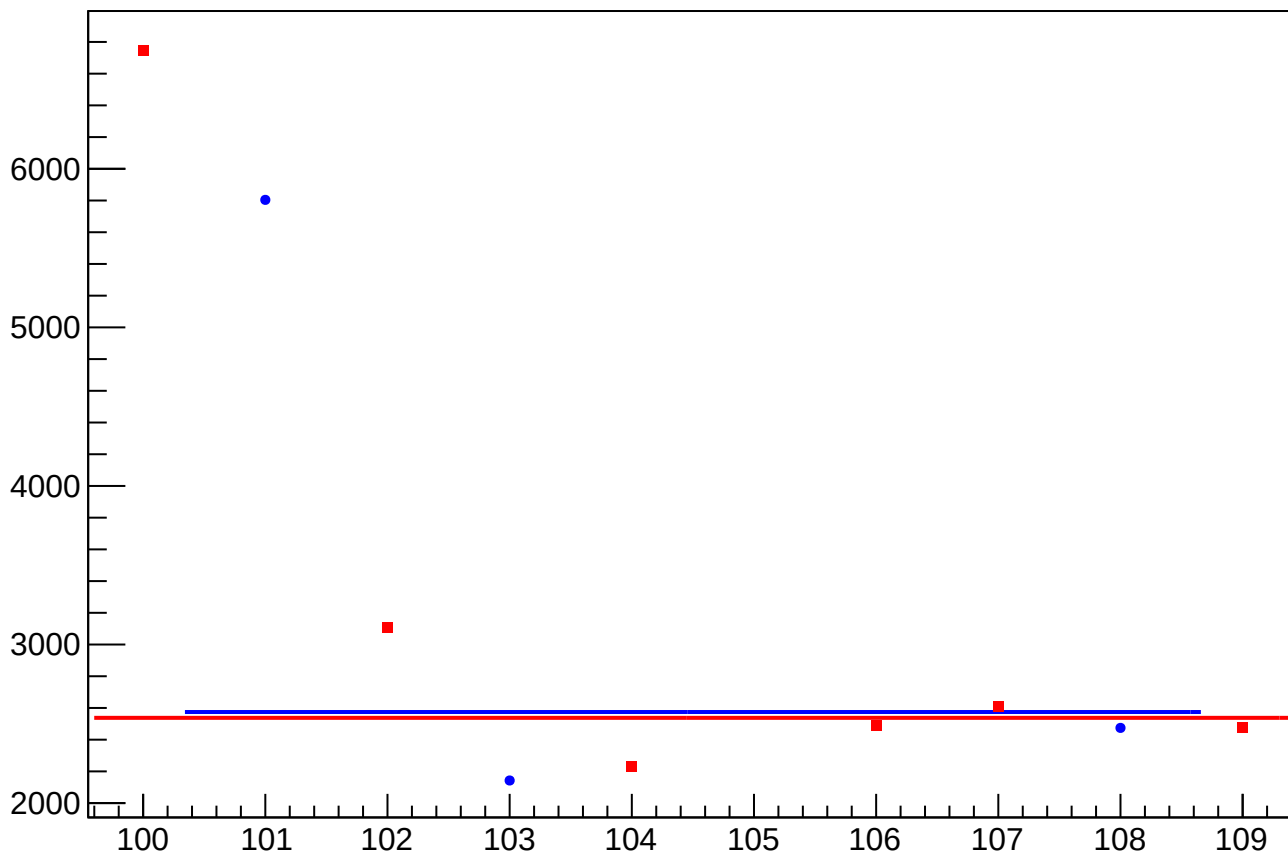
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -217.114 $\pm$ 1351.844 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2574.388+/-1.526 χ^2/NDF : 456145.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2537.694+/-1.226 χ^2/NDF : 110990.0/5

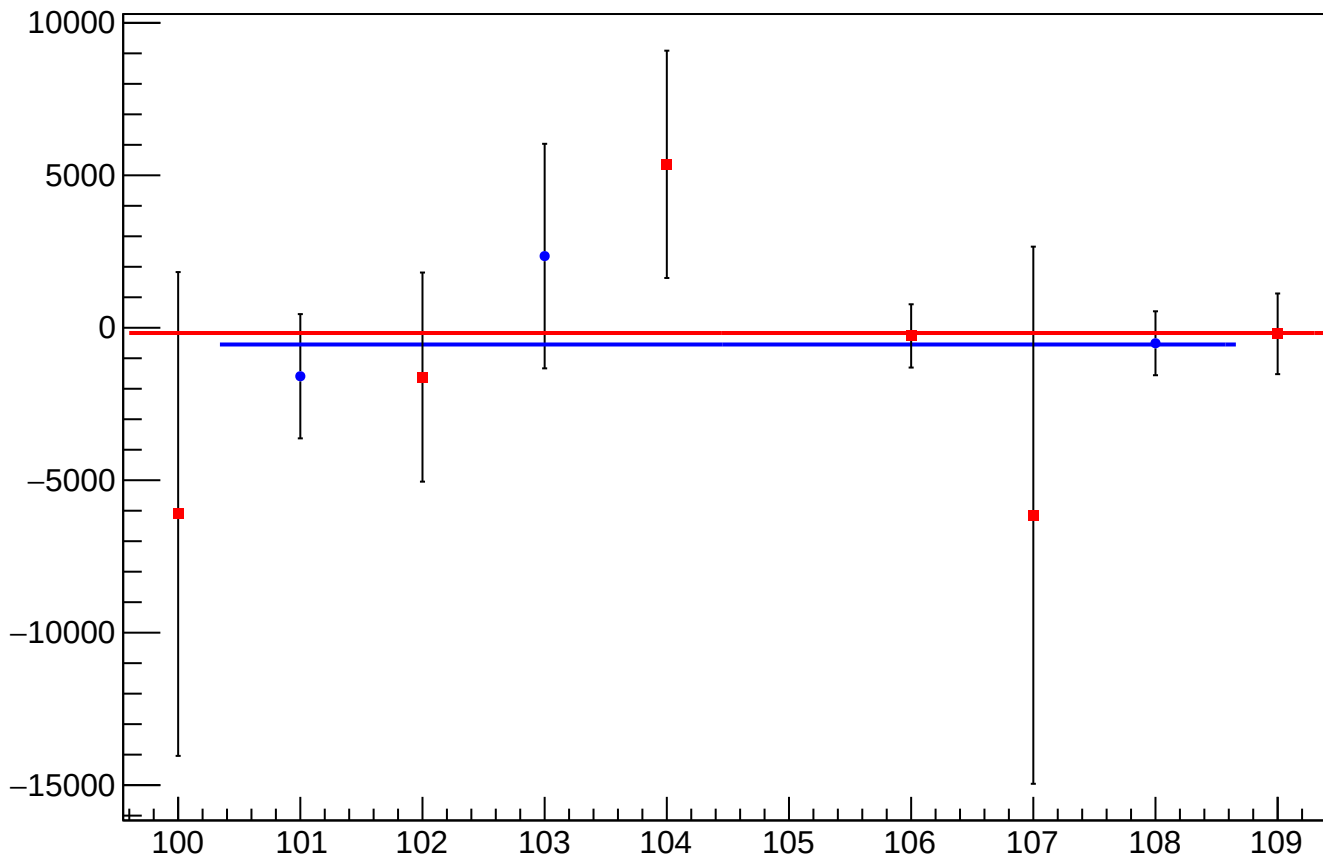
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2552.088+/-0.956 χ^2/NDF : 567486.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug



Right In: -548.401+/-903.876 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.607+/-770.158 χ^2/NDF : 3.4/5

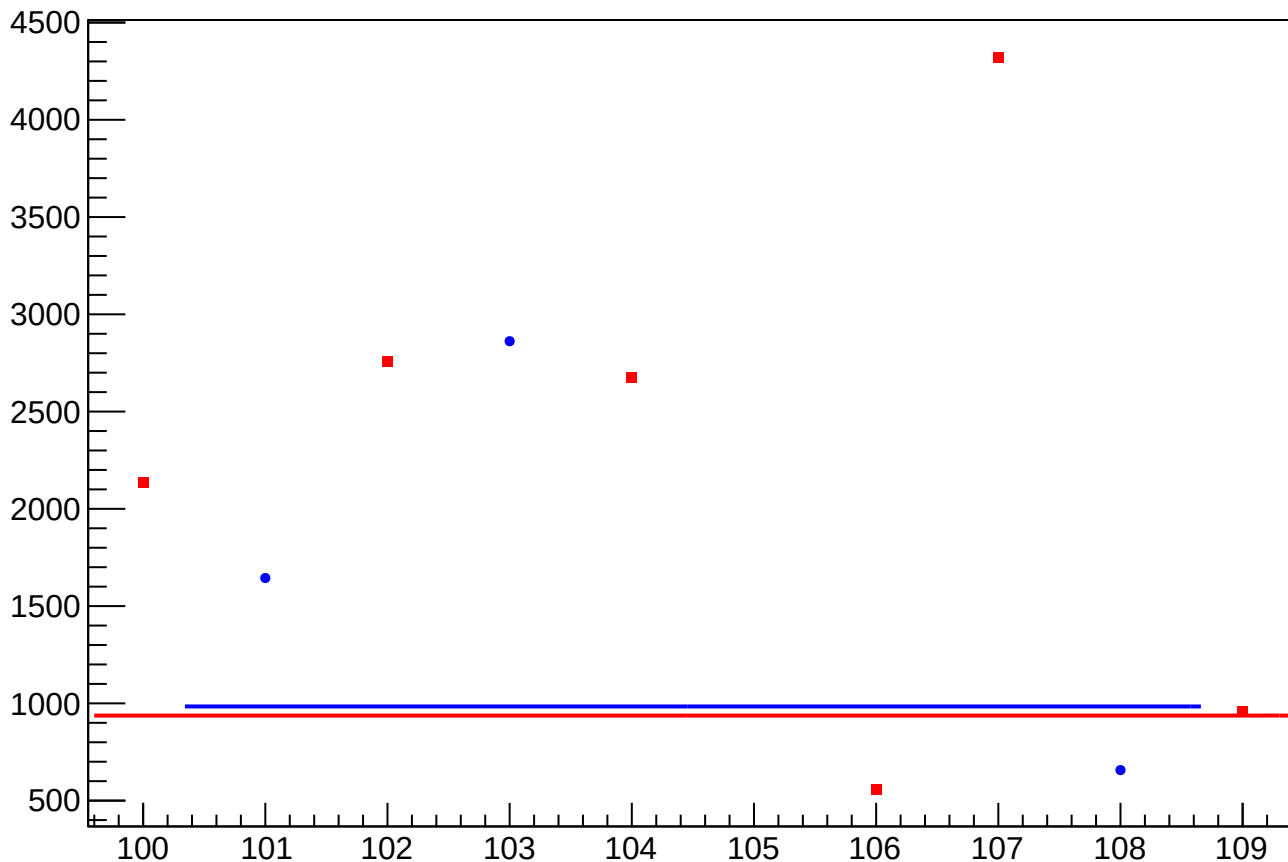
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.097+/-586.217 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug



Right In: 984.104+/-0.639 χ^2/NDF : 924588.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 937.364+/-0.545 χ^2/NDF : 1606901.3/5

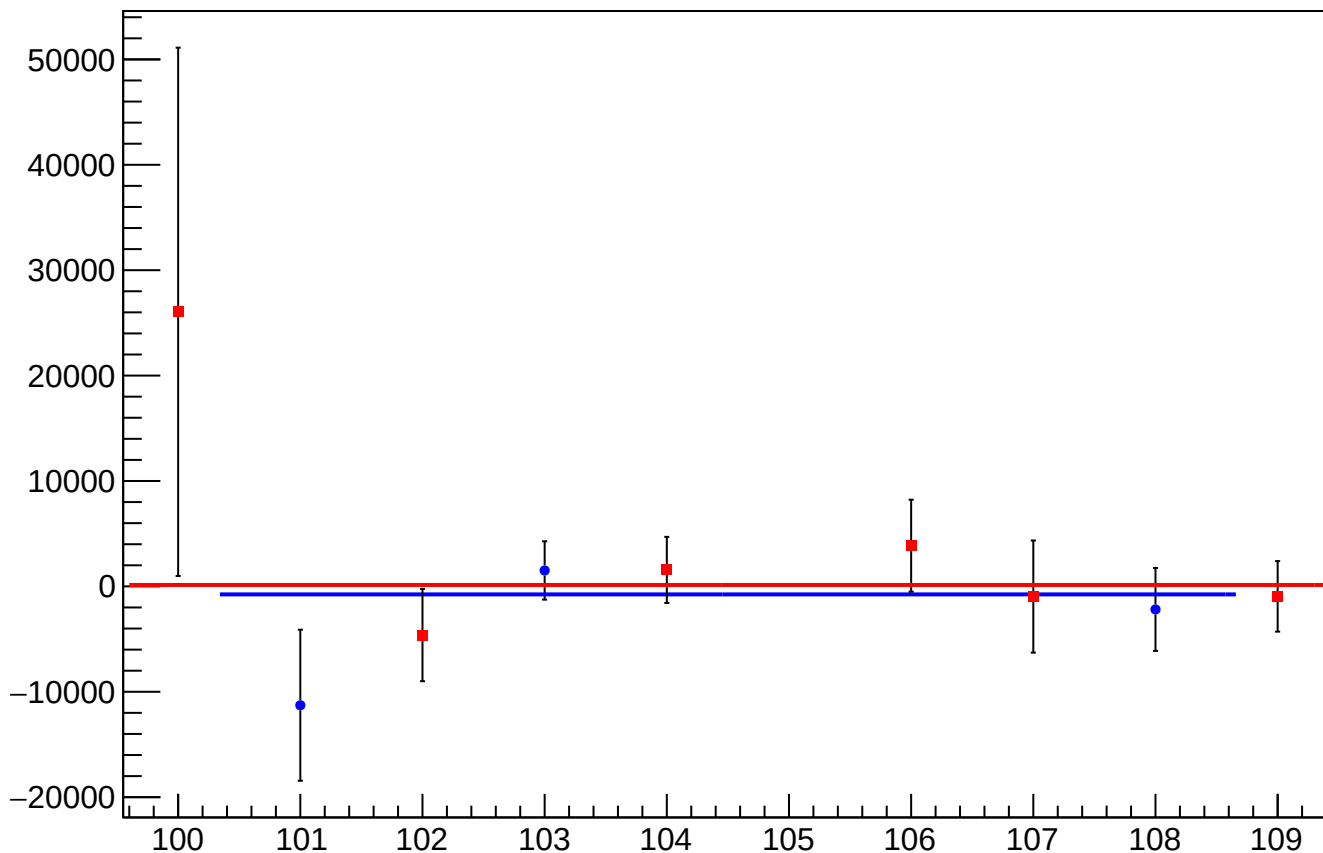
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.024+/-0.415 χ^2/NDF : 2534588.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -760.197 $\pm$ 2158.379 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.446 $\pm$ 1734.106 χ^2 /NDF: 3.3/5

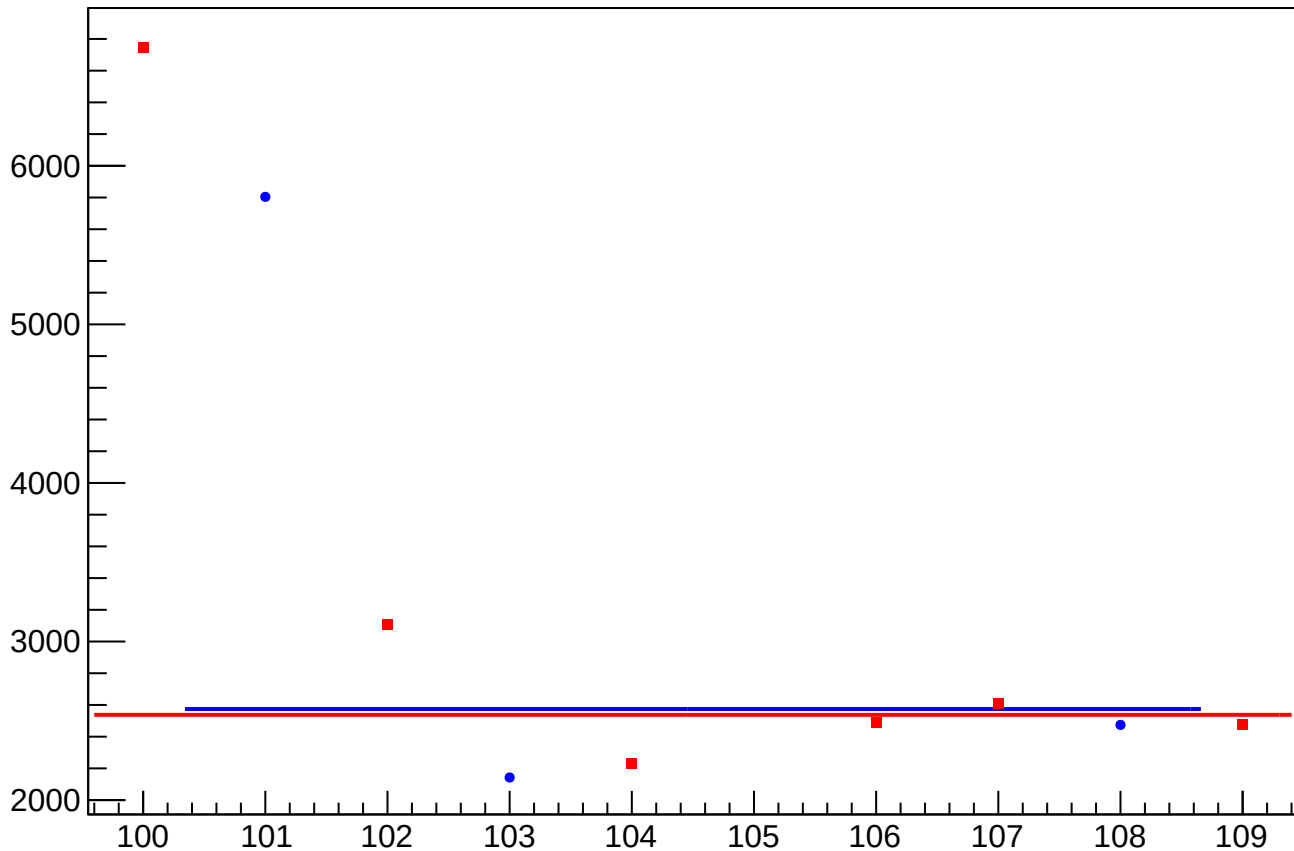
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -217.114 $\pm$ 1351.844 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2574.387+/-1.526 χ^2/NDF : 456145.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2537.694+/-1.226 χ^2/NDF : 110990.0/5

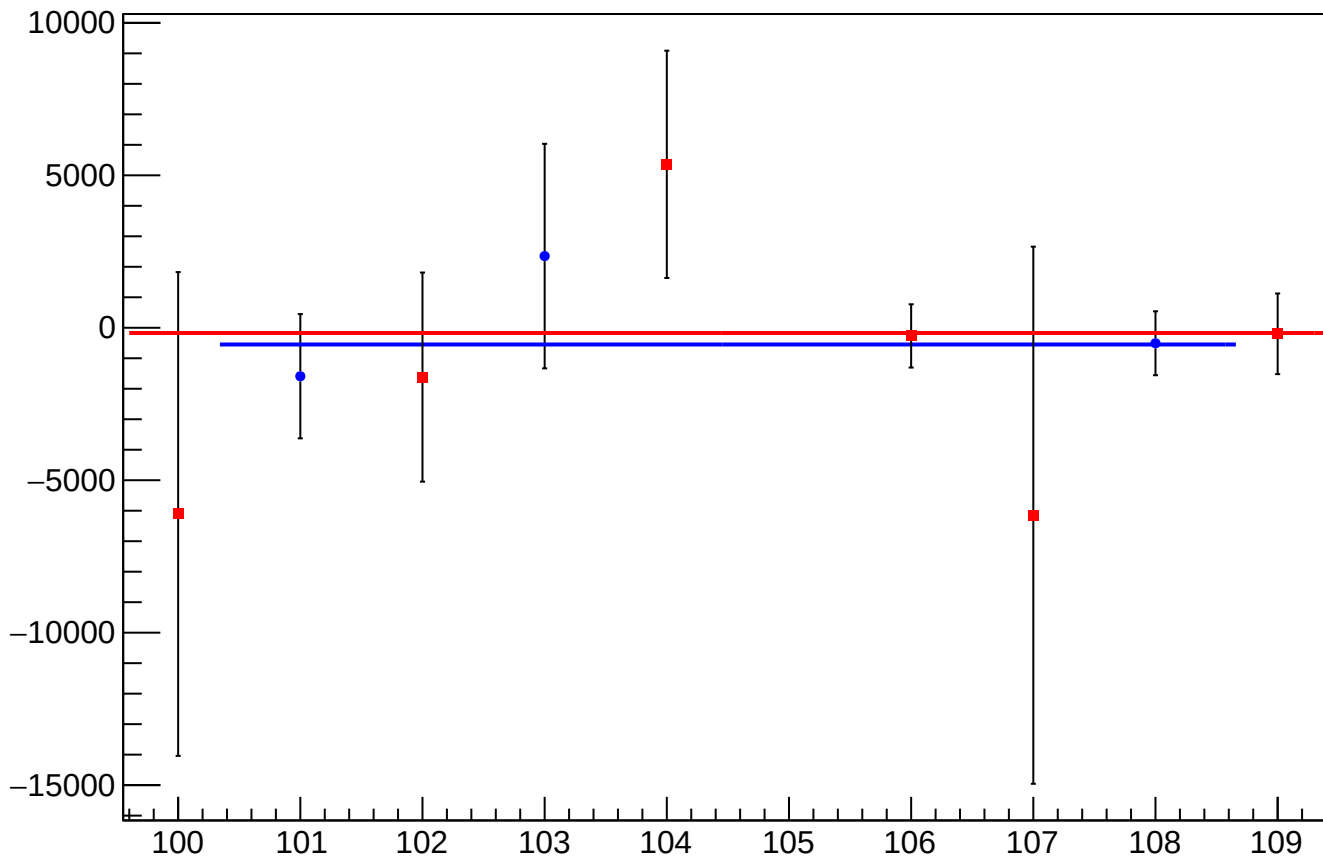
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2552.088+/-0.956 χ^2/NDF : 567486.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -548.400+/-903.879 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -171.614+/-770.159 χ^2/NDF : 3.4/5

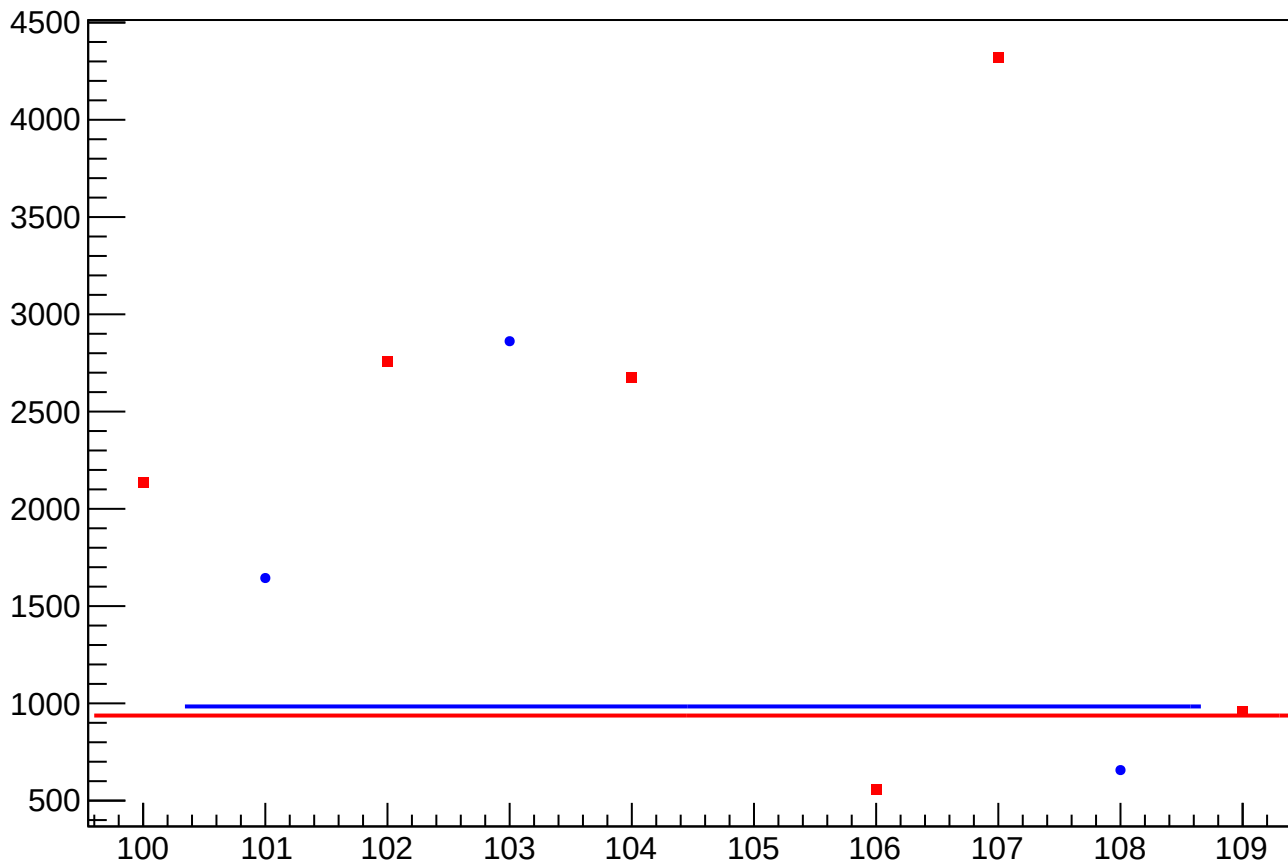
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -330.100+/-586.218 χ^2/NDF : 4.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 984.109+/-0.639 χ^2/NDF : 924584.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 937.366+/-0.545 χ^2/NDF : 1606898.2/5

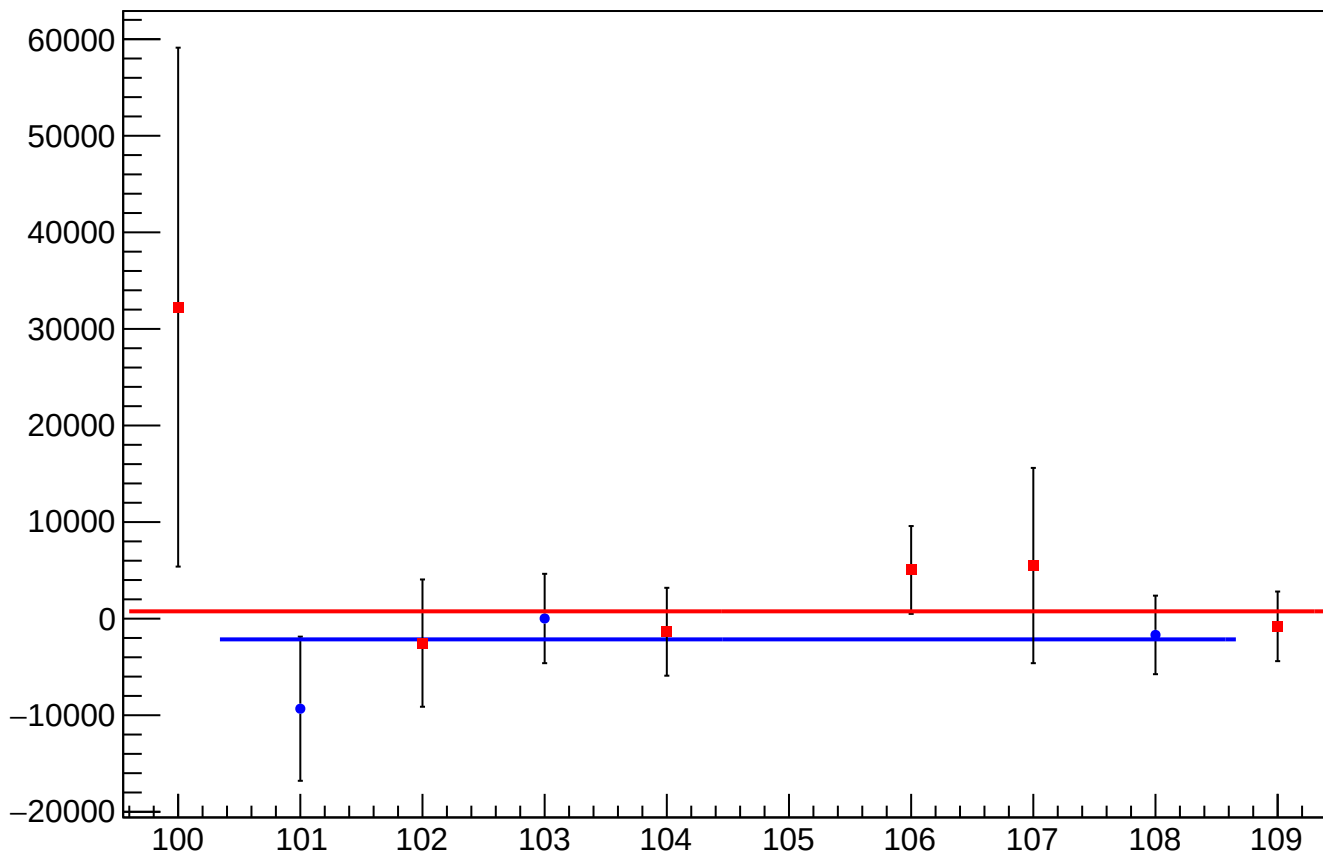
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.027+/-0.415 χ^2/NDF : 2534581.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -2145.453+/-2826.724 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 757.460+/-2193.236 χ^2/NDF : 3.1/5

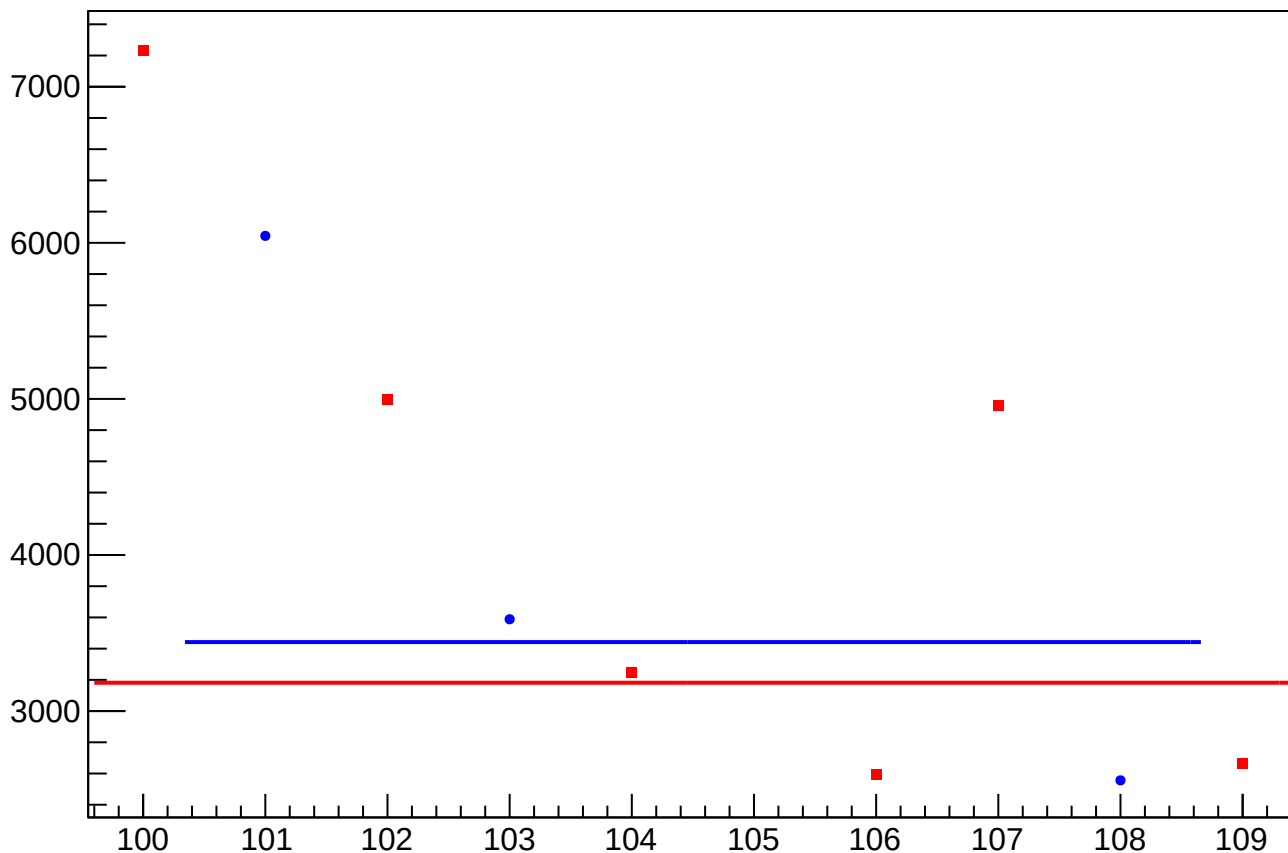
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.409+/-1732.817 χ^2/NDF : 4.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 3442.049+/-1.999 χ^2/NDF : 340139.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3181.660+/-1.551 χ^2/NDF : 333715.9/5

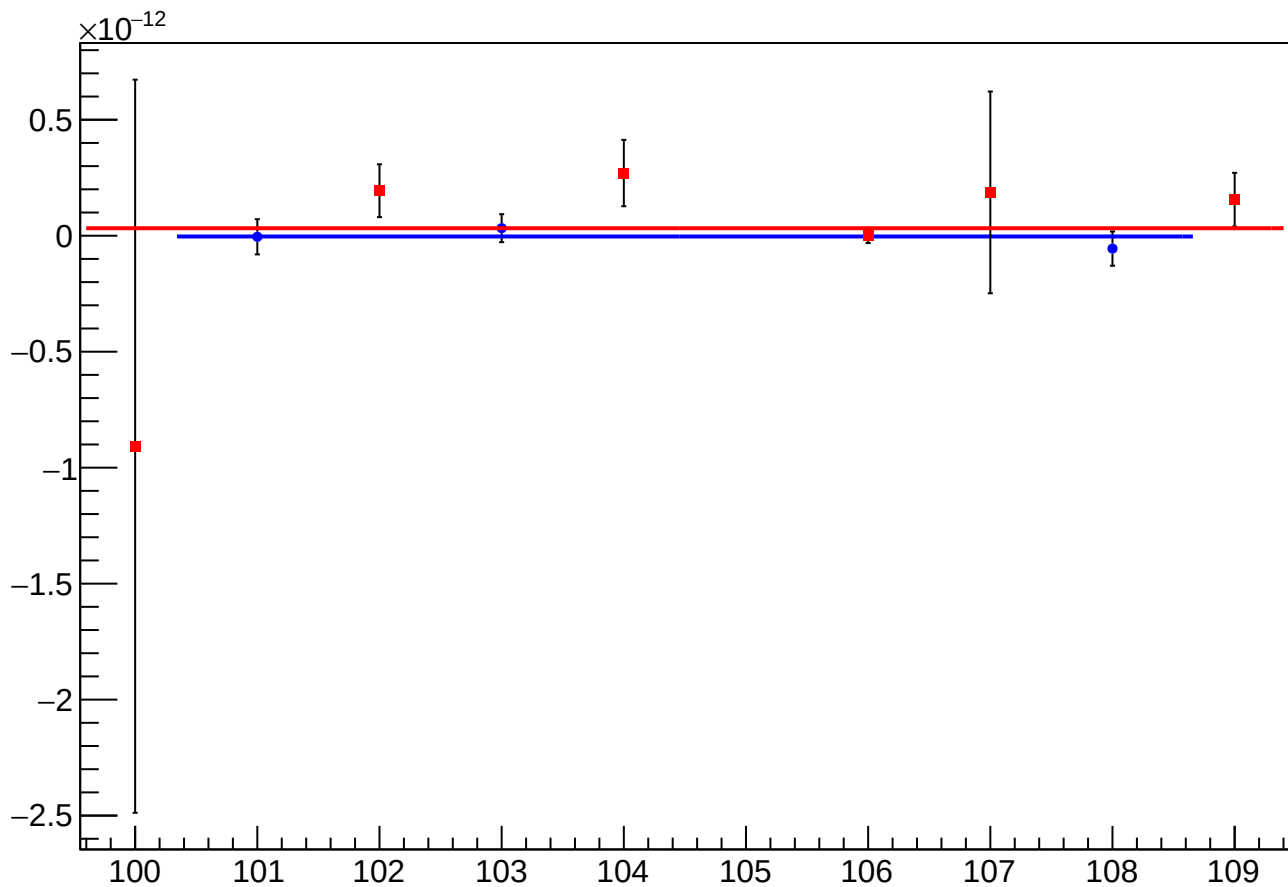
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3279.507+/-1.225 χ^2/NDF : 684448.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7.5/5

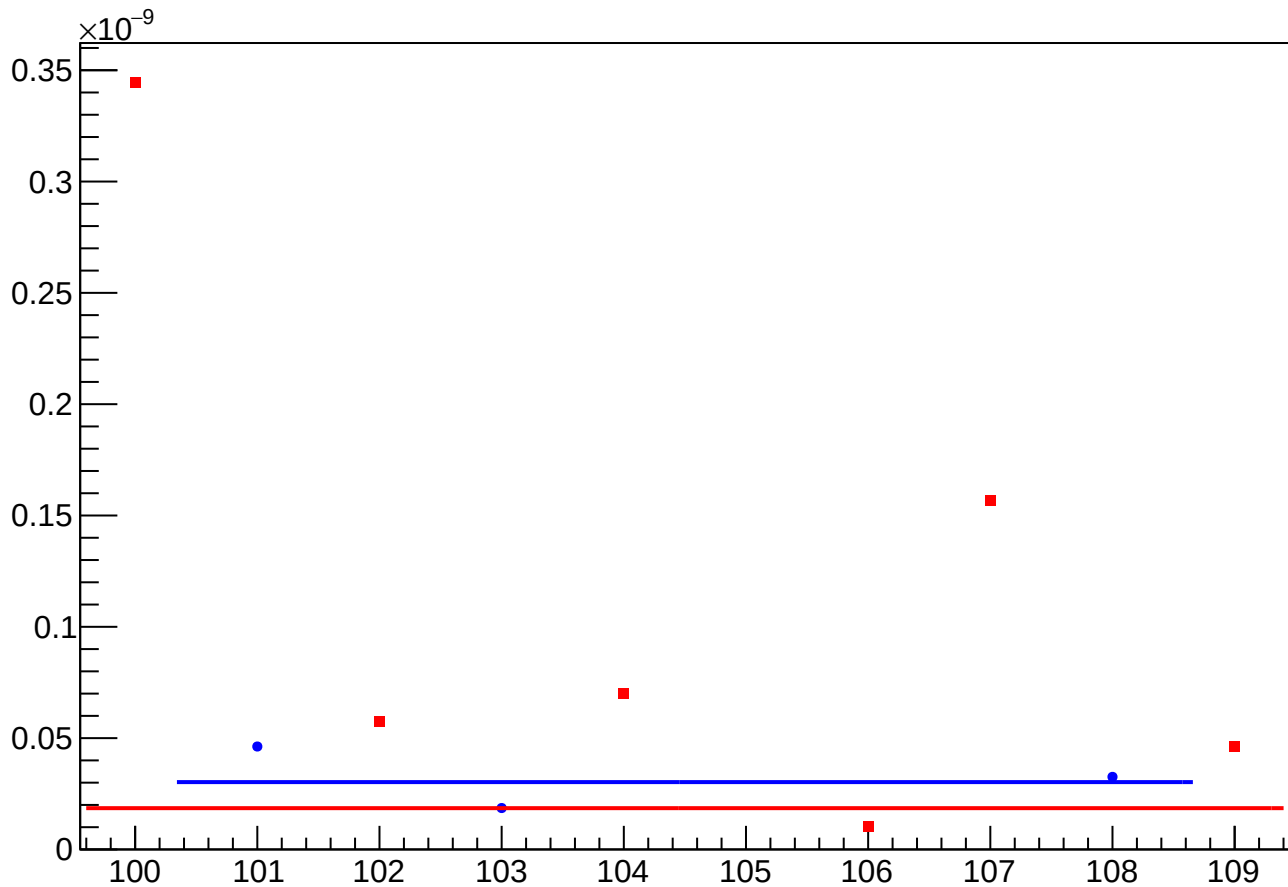
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 165272.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1032144.1/5

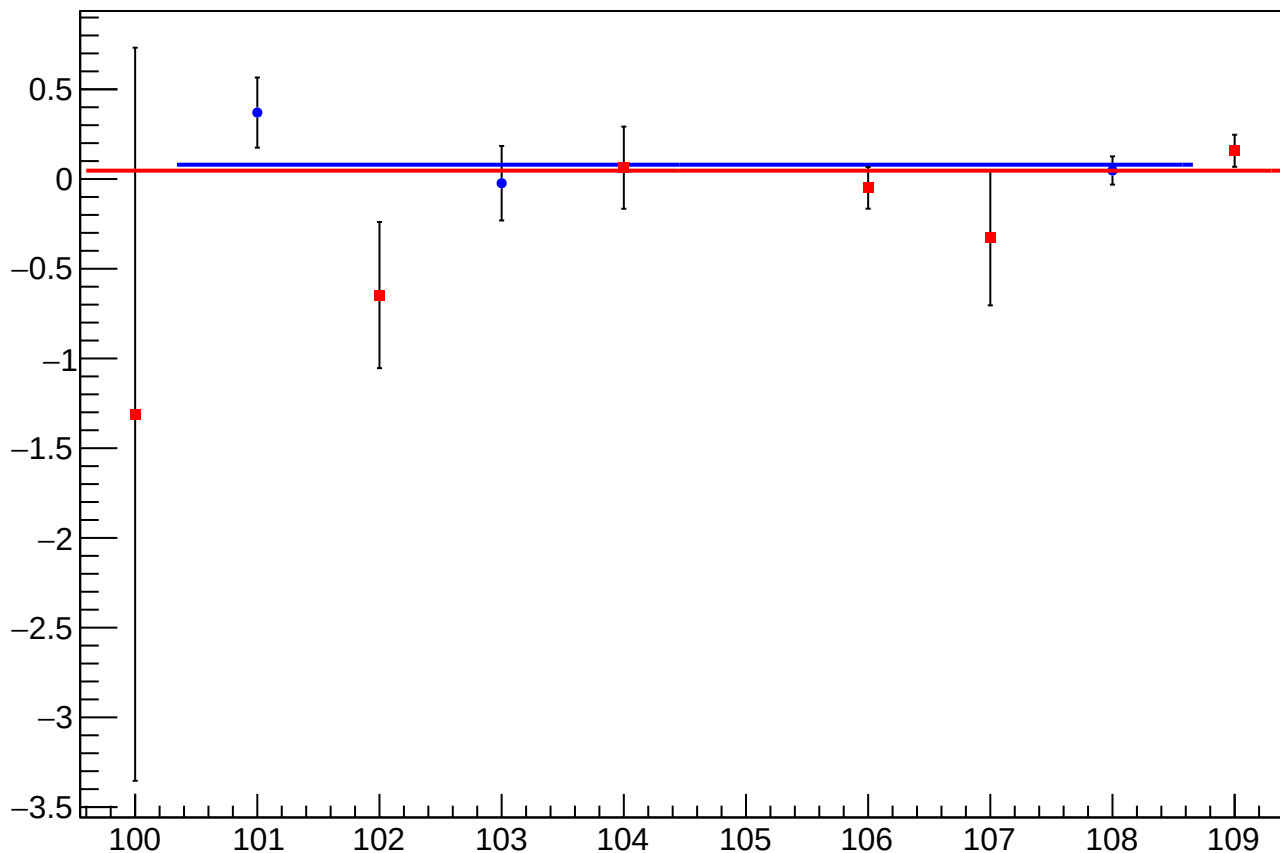
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1312045.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.080 $\pm$ 0.069 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.047 $\pm$ 0.066 χ^2 /NDF: 6.6/5

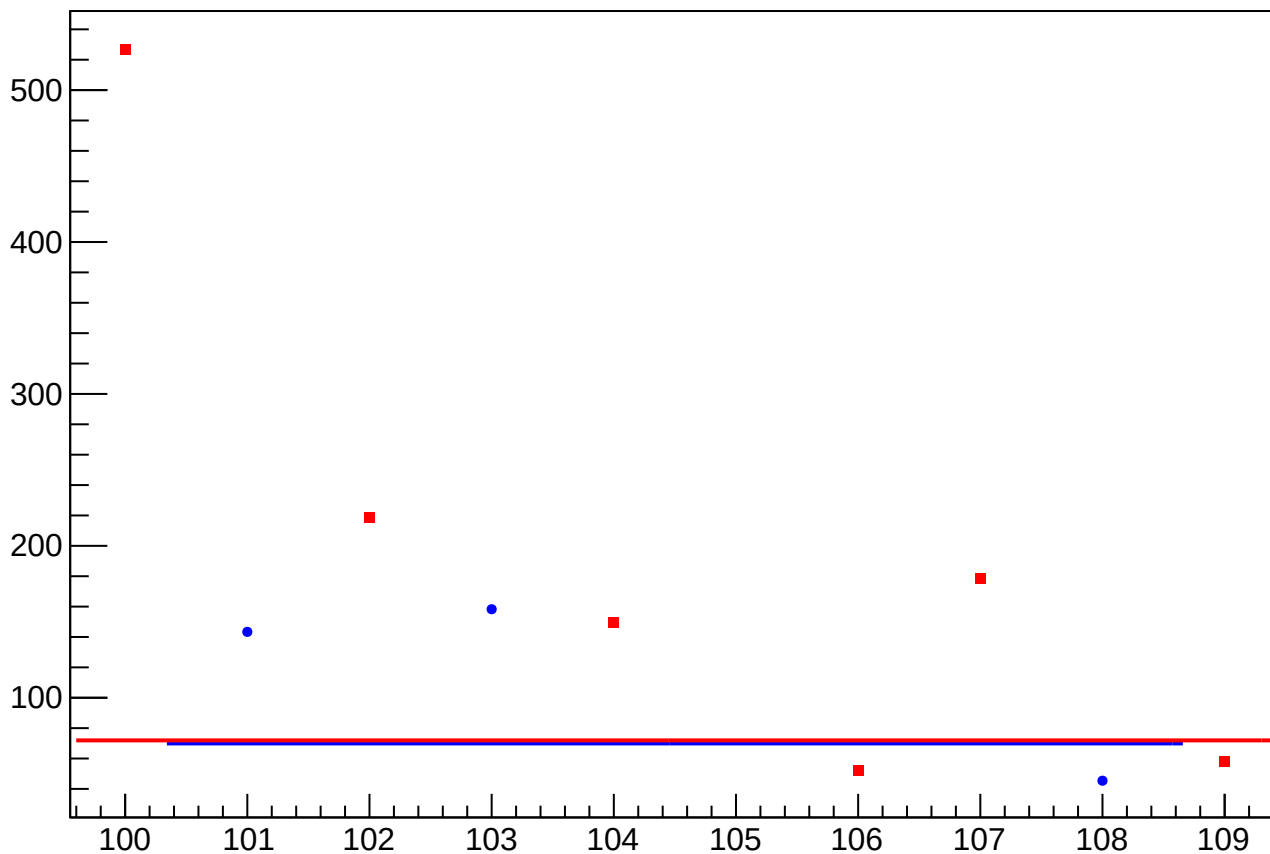
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.048 χ^2 /NDF: 9.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 69.924+/-0.049 χ^2/NDF : 839442.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.046 χ^2/NDF : 859847.6/5

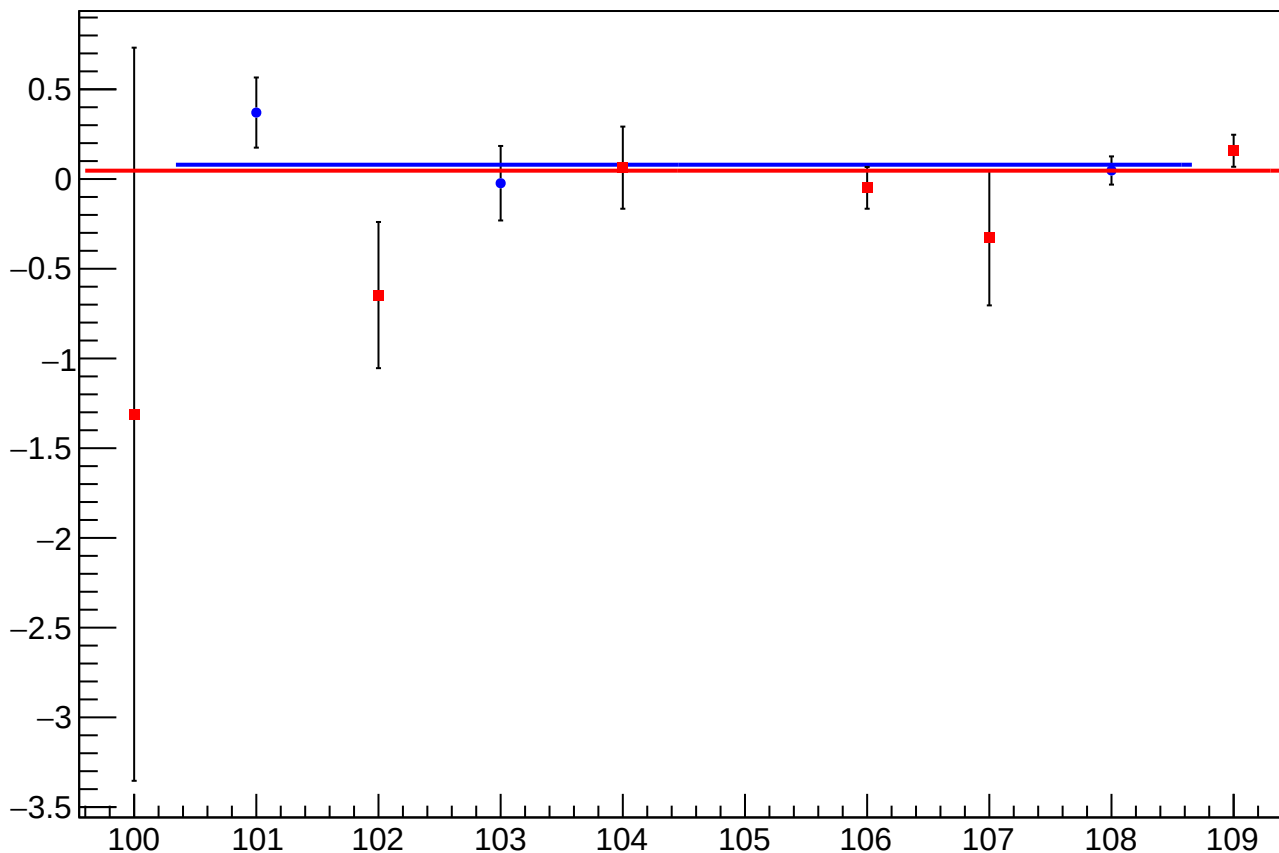
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.977+/-0.034 χ^2/NDF : 1700185.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.080 $\pm$ 0.069 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.047 $\pm$ 0.066 χ^2 /NDF: 6.6/5

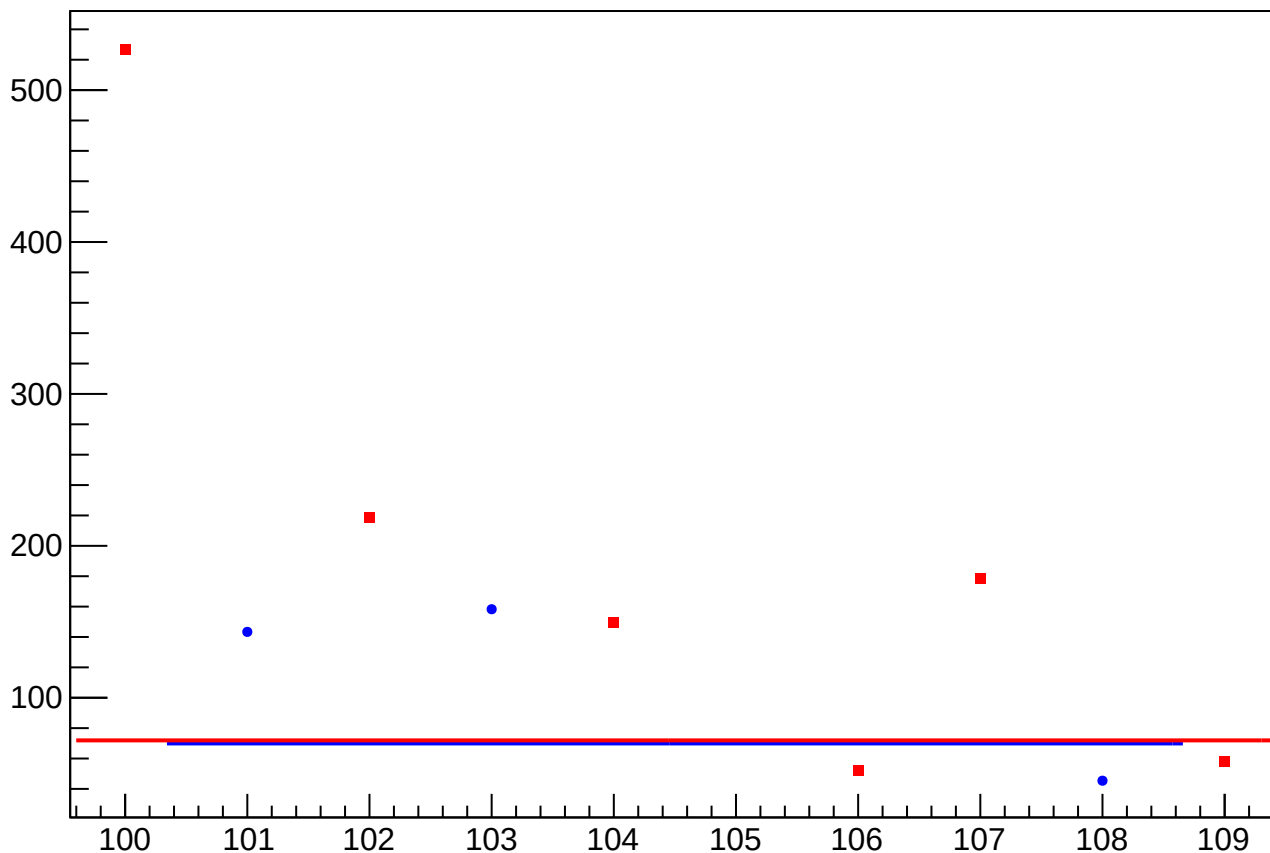
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.048 χ^2 /NDF: 9.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 69.924+/-0.049 χ^2/NDF : 839442.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.046 χ^2/NDF : 859847.6/5

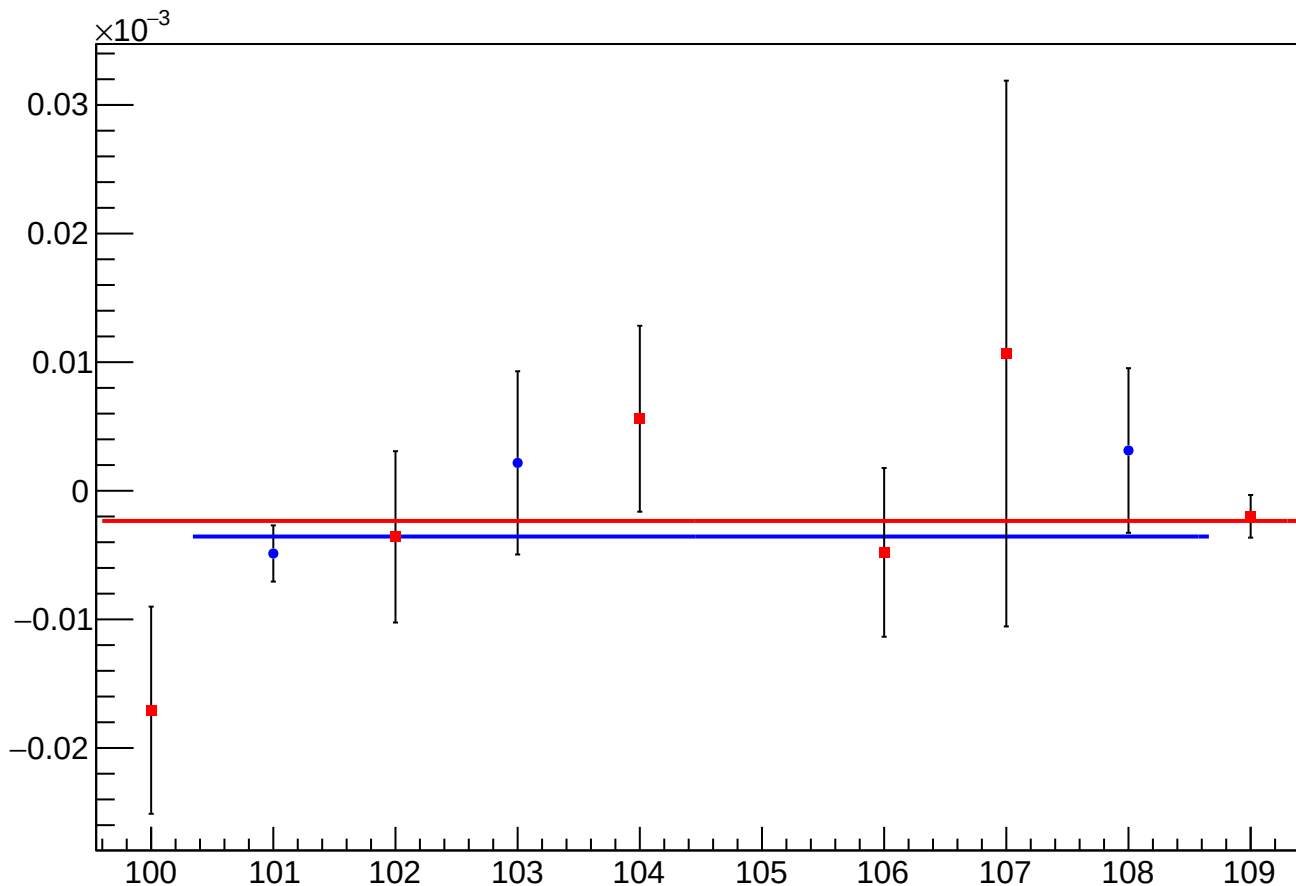
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.977+/-0.034 χ^2/NDF : 1700185.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.1/5

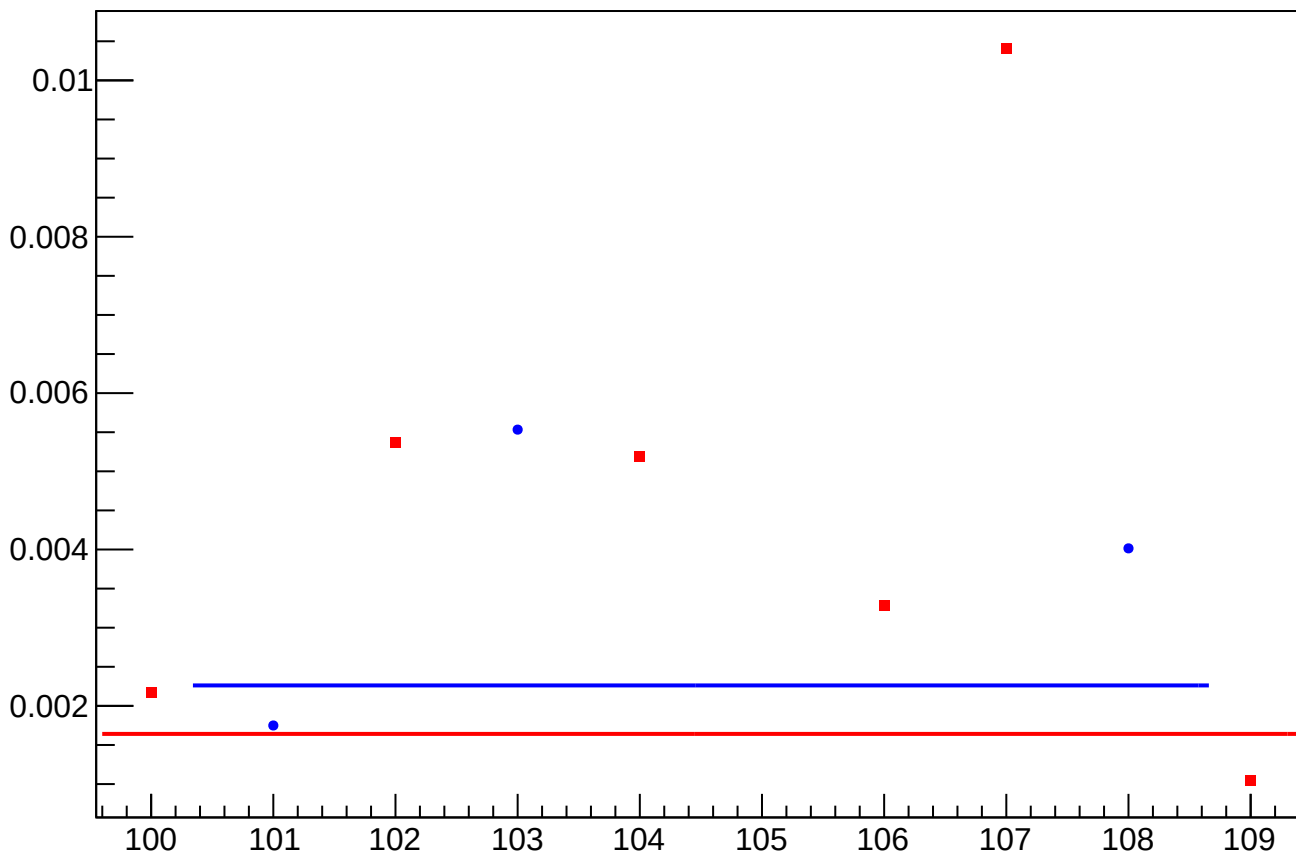
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 681878.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1843076.2/5

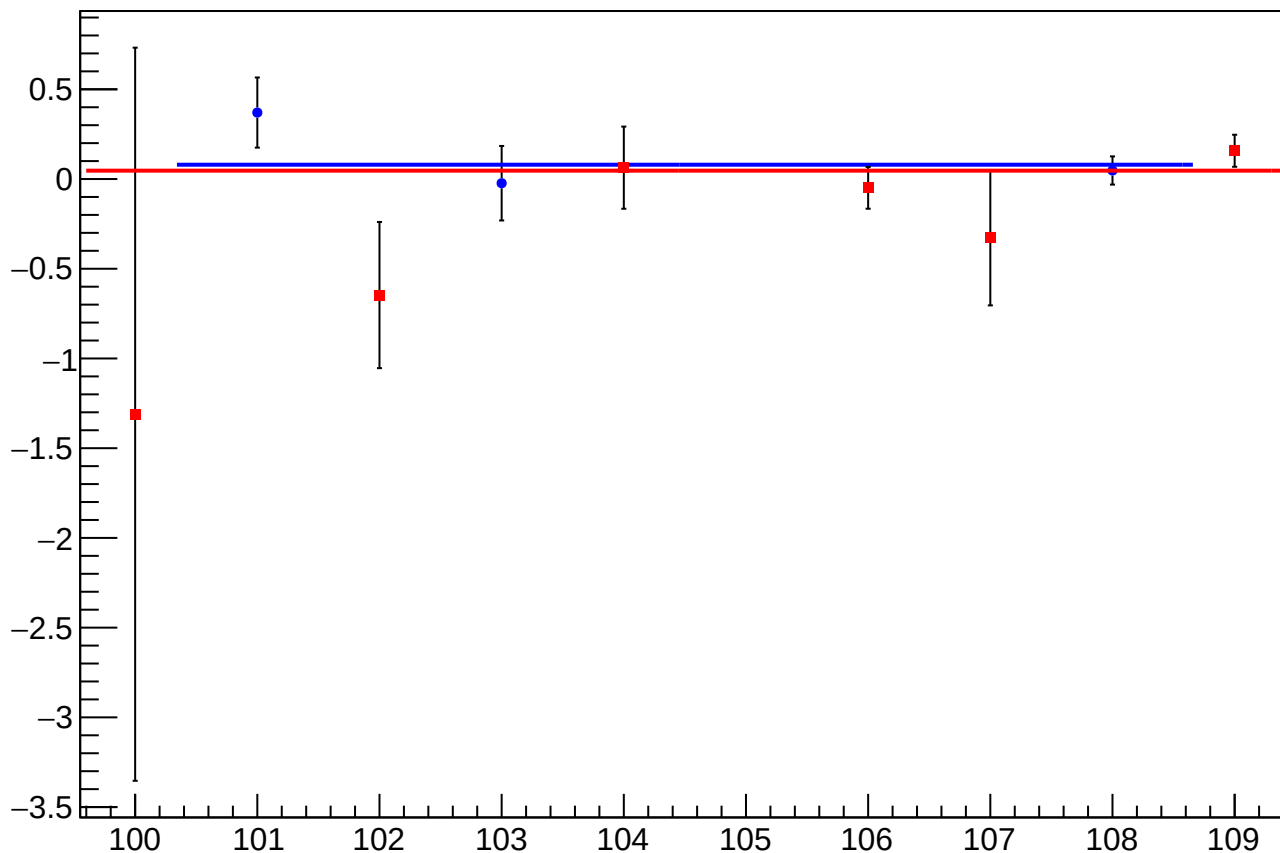
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2649255.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.080 $\pm$ 0.069 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.047 $\pm$ 0.066 χ^2 /NDF: 6.6/5

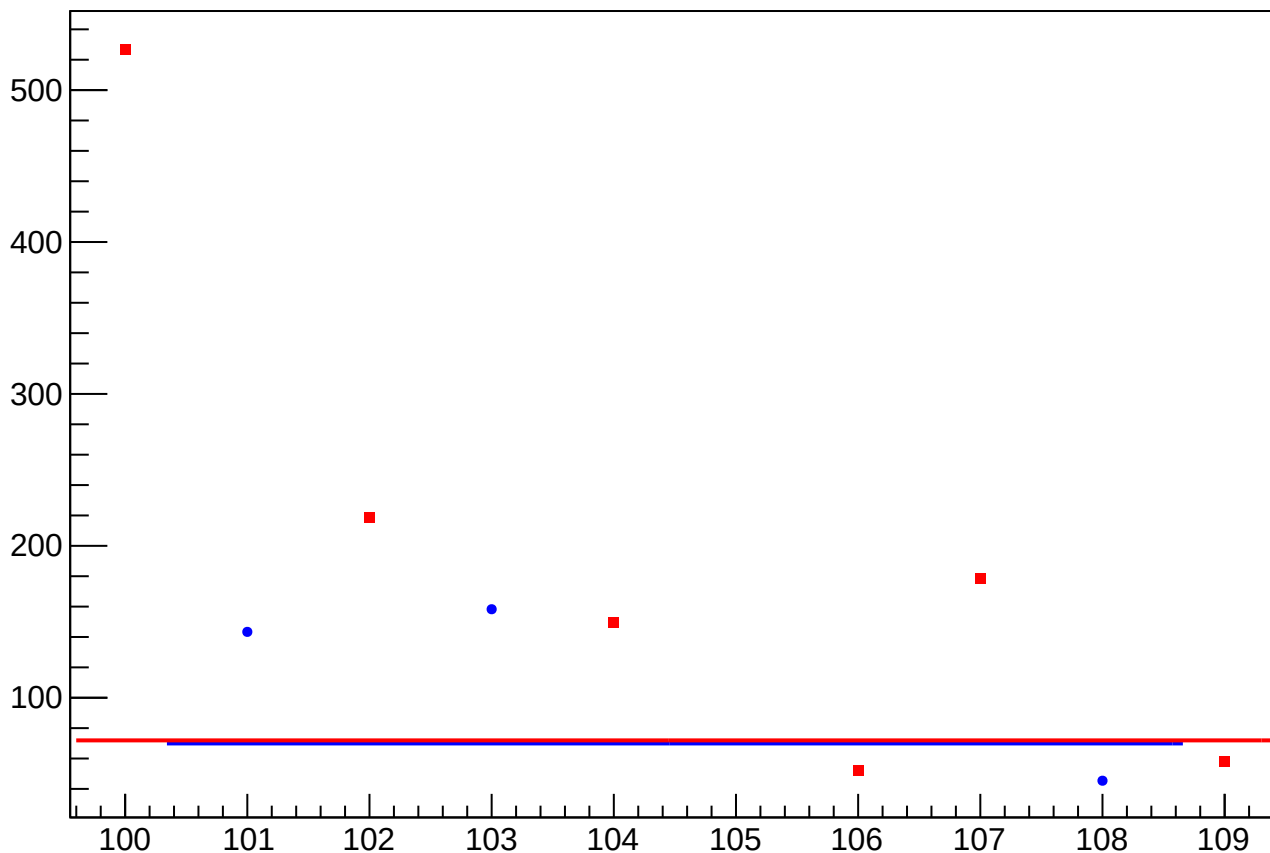
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.048 χ^2 /NDF: 9.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 69.926+/-0.049 χ^2/NDF : 839396.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.046 χ^2/NDF : 859825.5/5

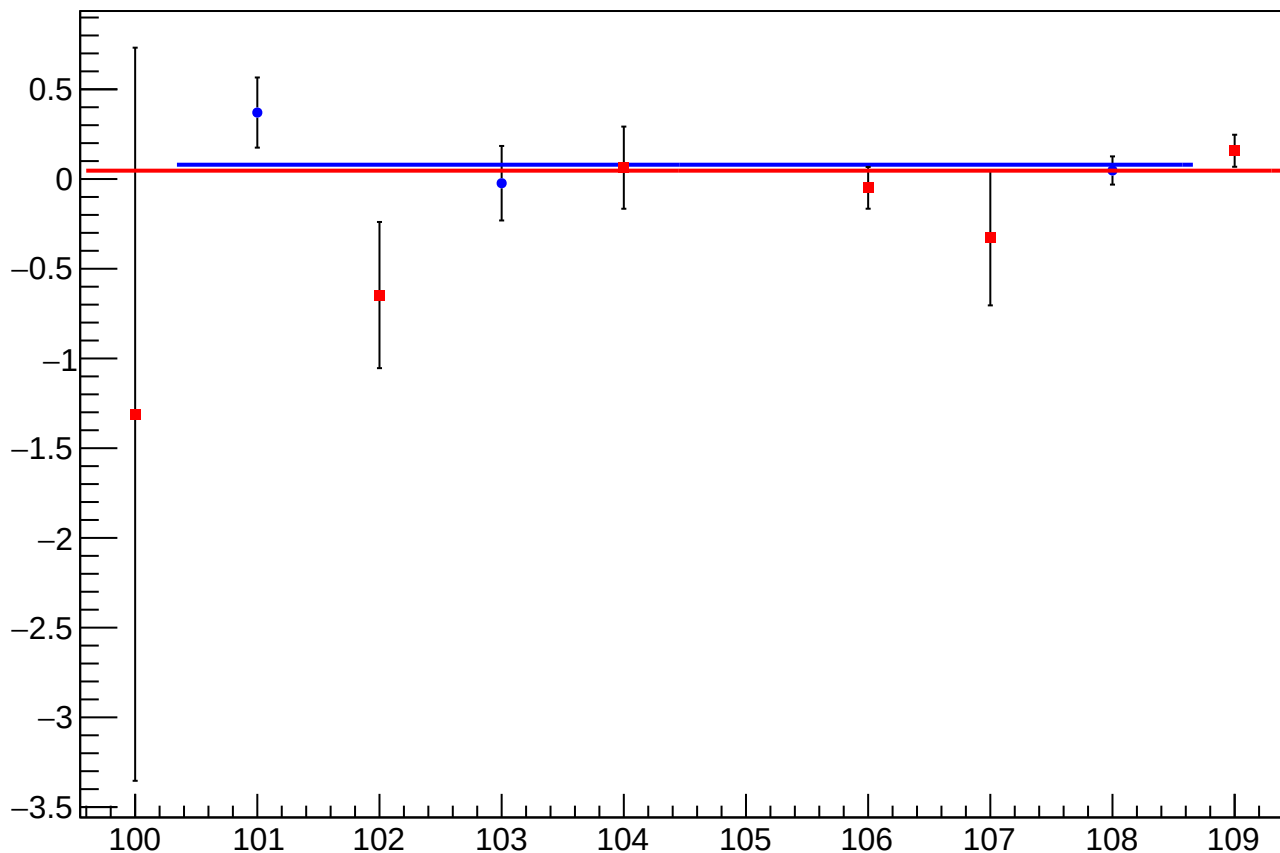
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.978+/-0.034 χ^2/NDF : 1700114.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.080 $\pm$ 0.069 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.047 $\pm$ 0.066 χ^2 /NDF: 6.6/5

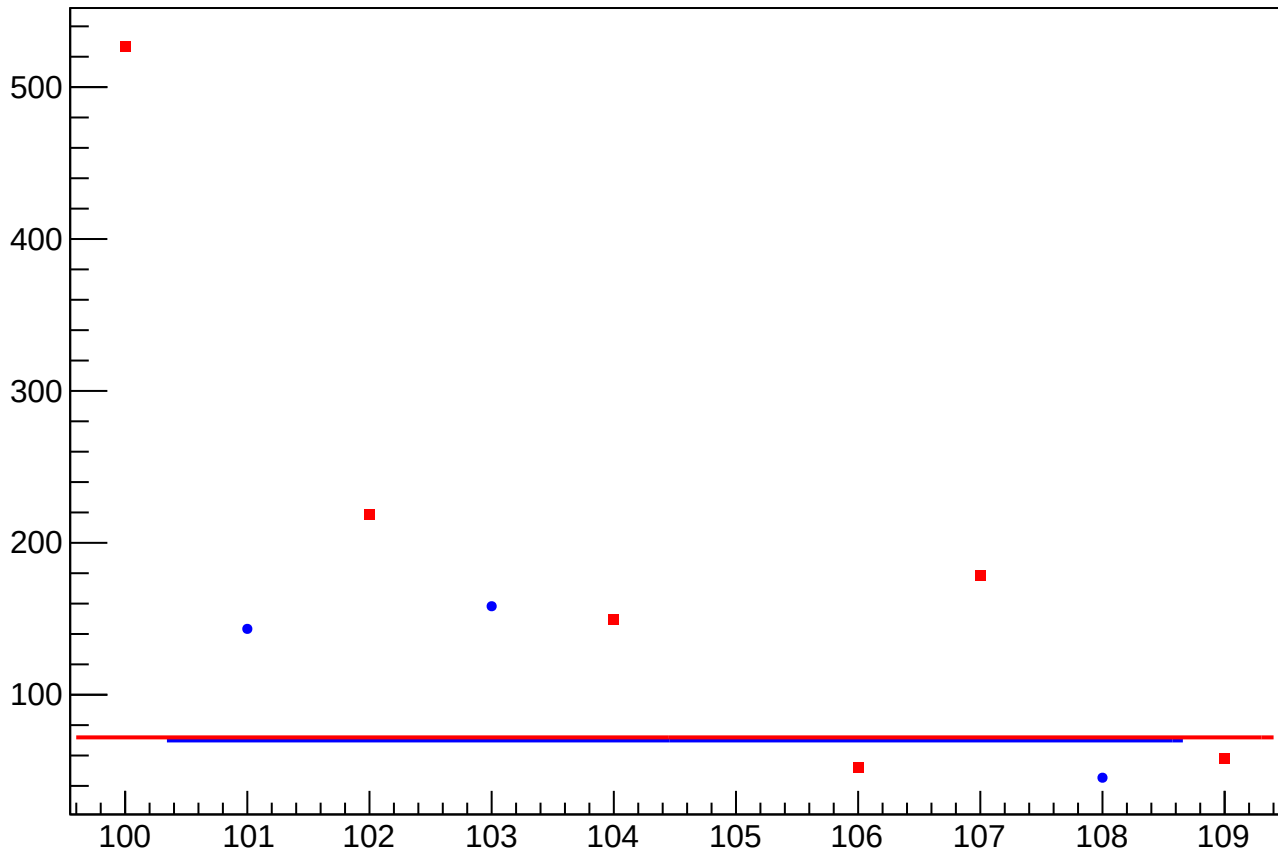
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.062 $\pm$ 0.048 χ^2 /NDF: 9.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 69.926+/-0.049 χ^2/NDF : 839396.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.936+/-0.046 χ^2/NDF : 859825.5/5

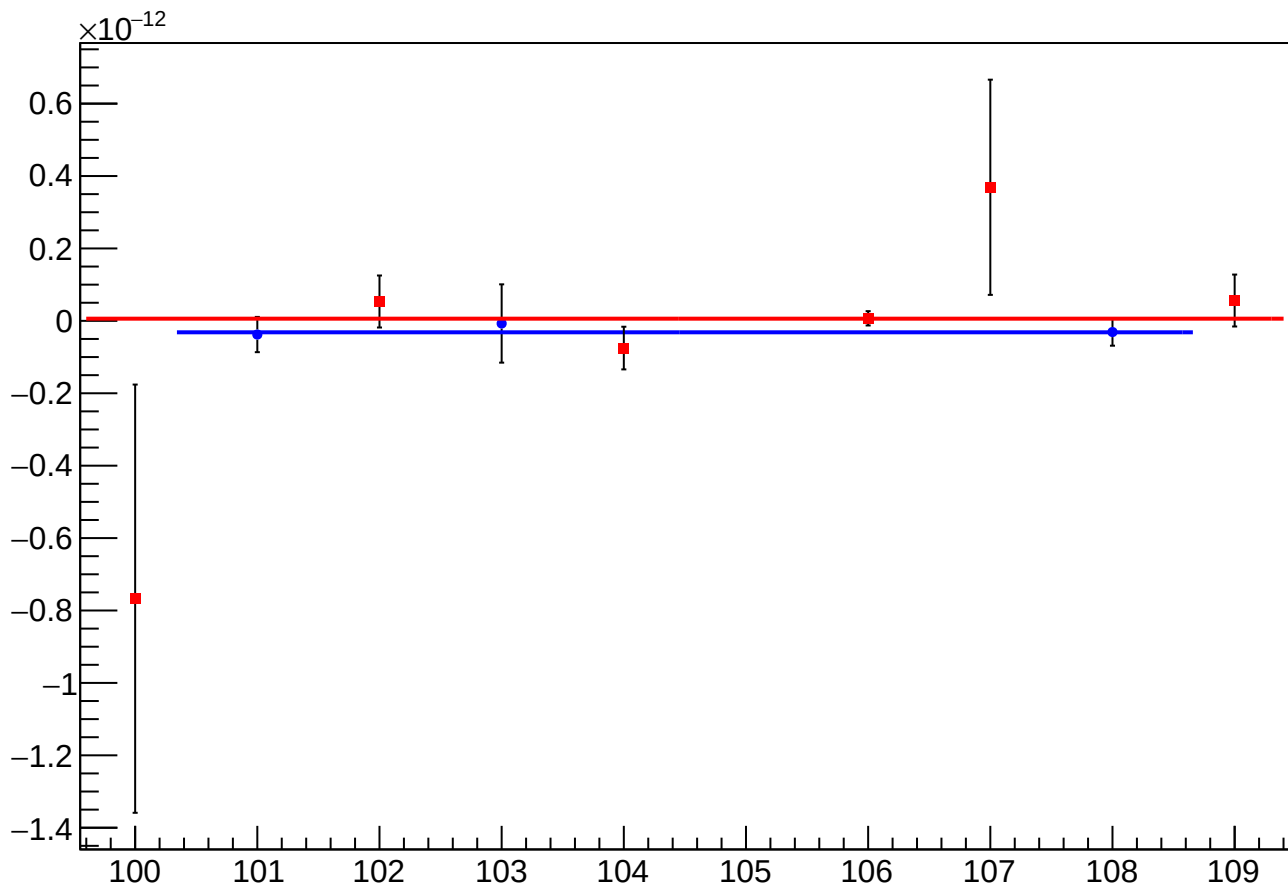
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.978+/-0.034 χ^2/NDF : 1700114.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.0/5

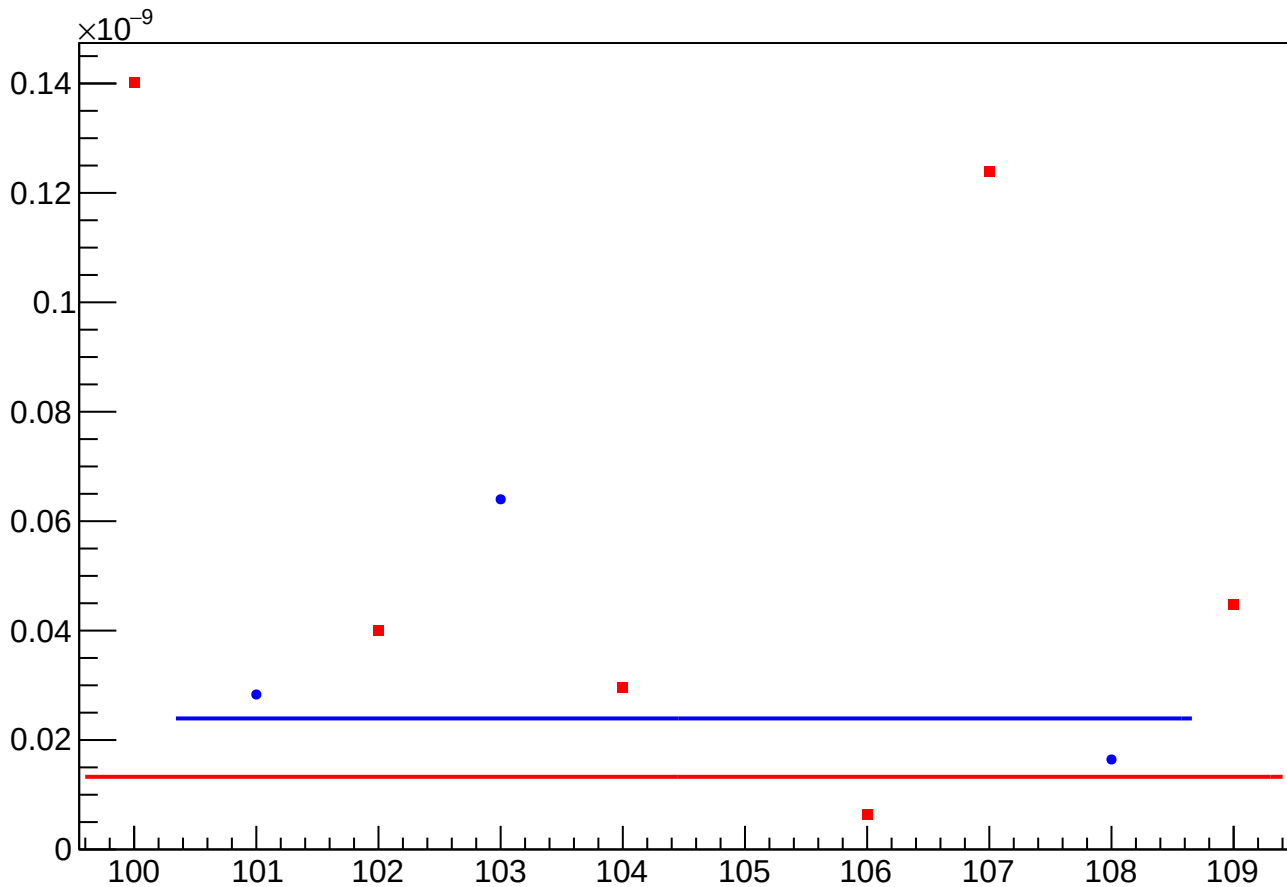
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 7.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 369577.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1430783.1/5

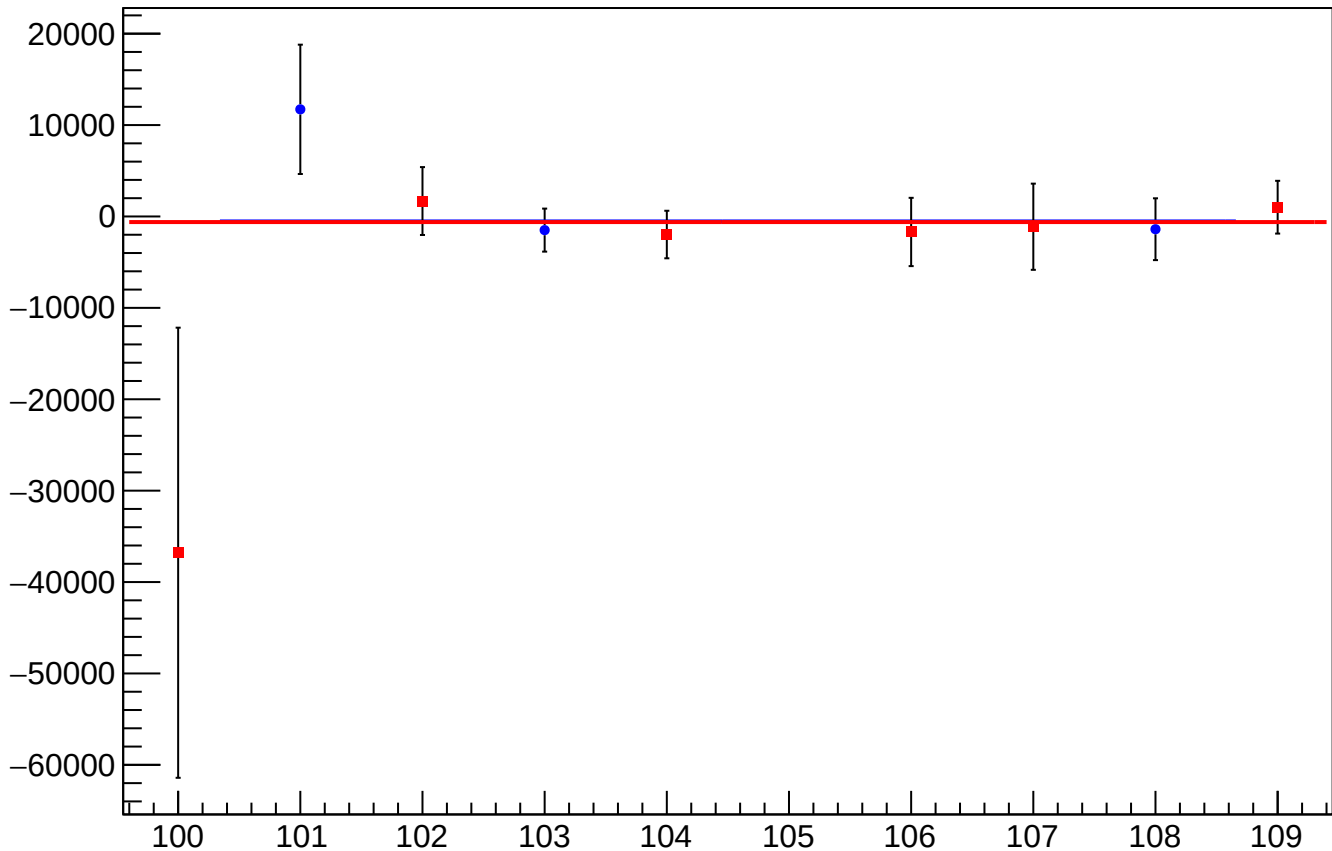
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2001037.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -546.407 $\pm$ 1863.651 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -612.296 $\pm$ 1476.513 χ^2 /NDF: 3.2/5

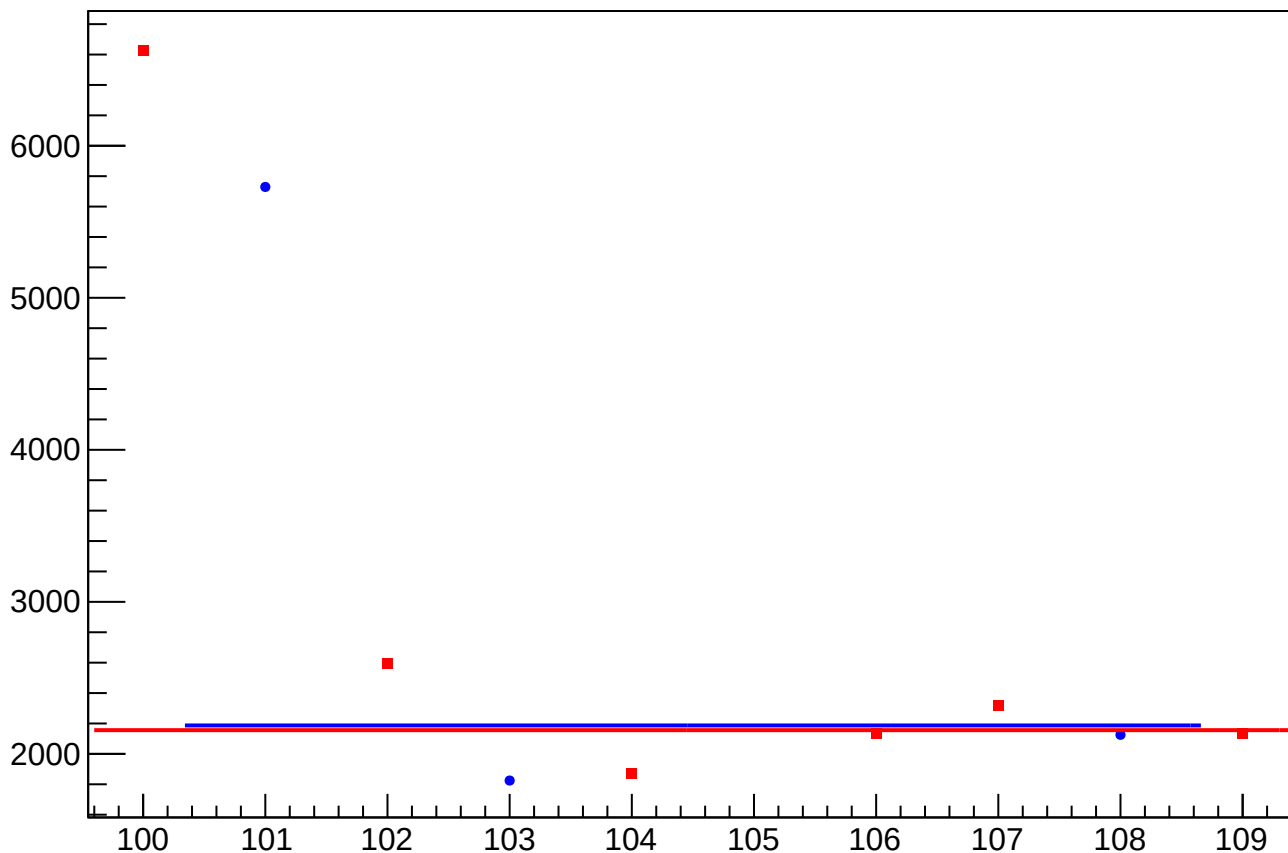
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -586.887 $\pm$ 1157.314 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2186.938+/-1.318 χ^2/NDF : 549381.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2156.052+/-1.044 χ^2/NDF : 119975.4/5

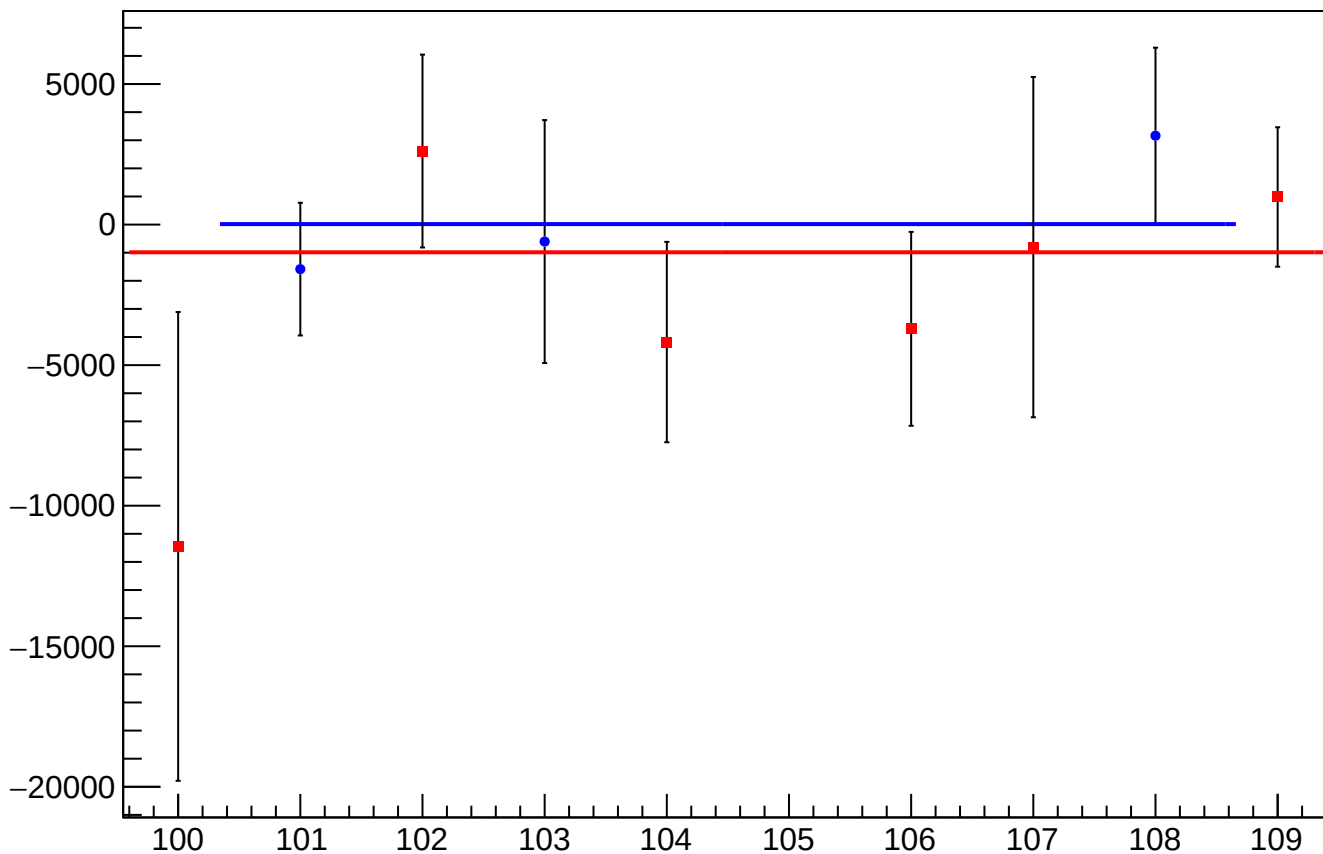
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2167.963+/-0.818 χ^2/NDF : 669694.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug



Right In: 17.236+/-1727.993 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -985.365+/-1487.466 χ^2/NDF : 4.7/5

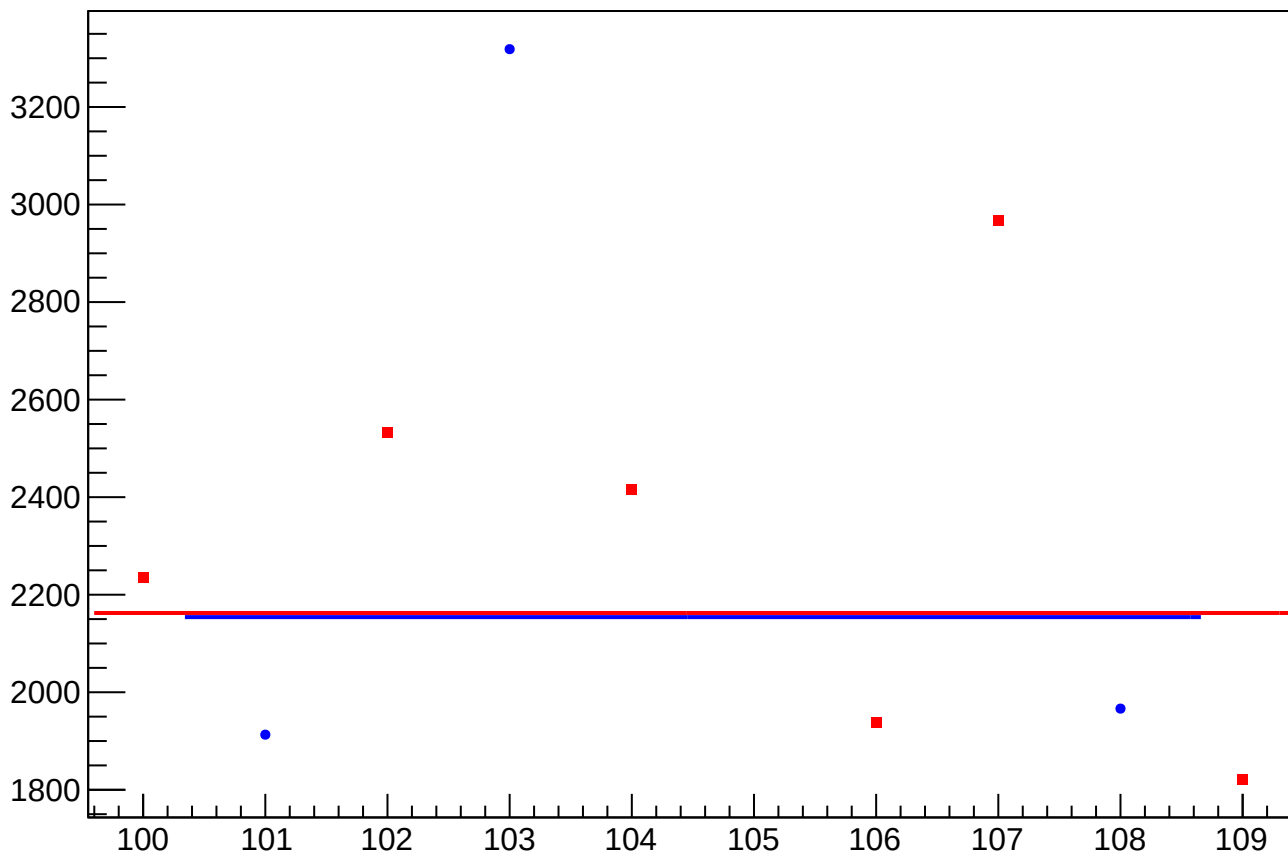
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -558.645+/-1127.326 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 2154.071+/-1.222 χ^2/NDF : 173269.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2162.531+/-1.052 χ^2/NDF : 115466.4/5

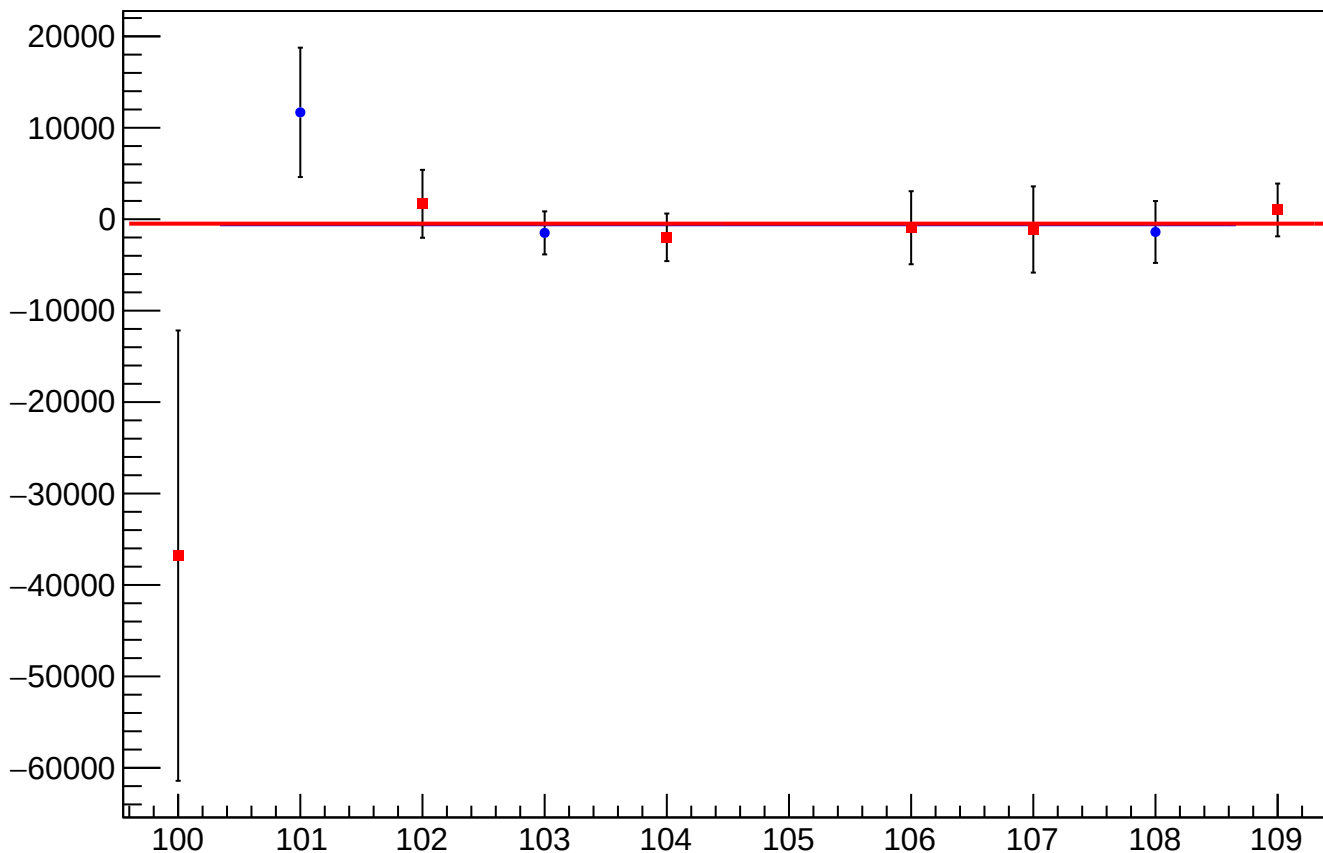
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2158.930+/-0.797 χ^2/NDF : 288763.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -550.489 $\pm$ 1863.653 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -486.361 $\pm$ 1491.185 χ^2 /NDF: 3.1/5

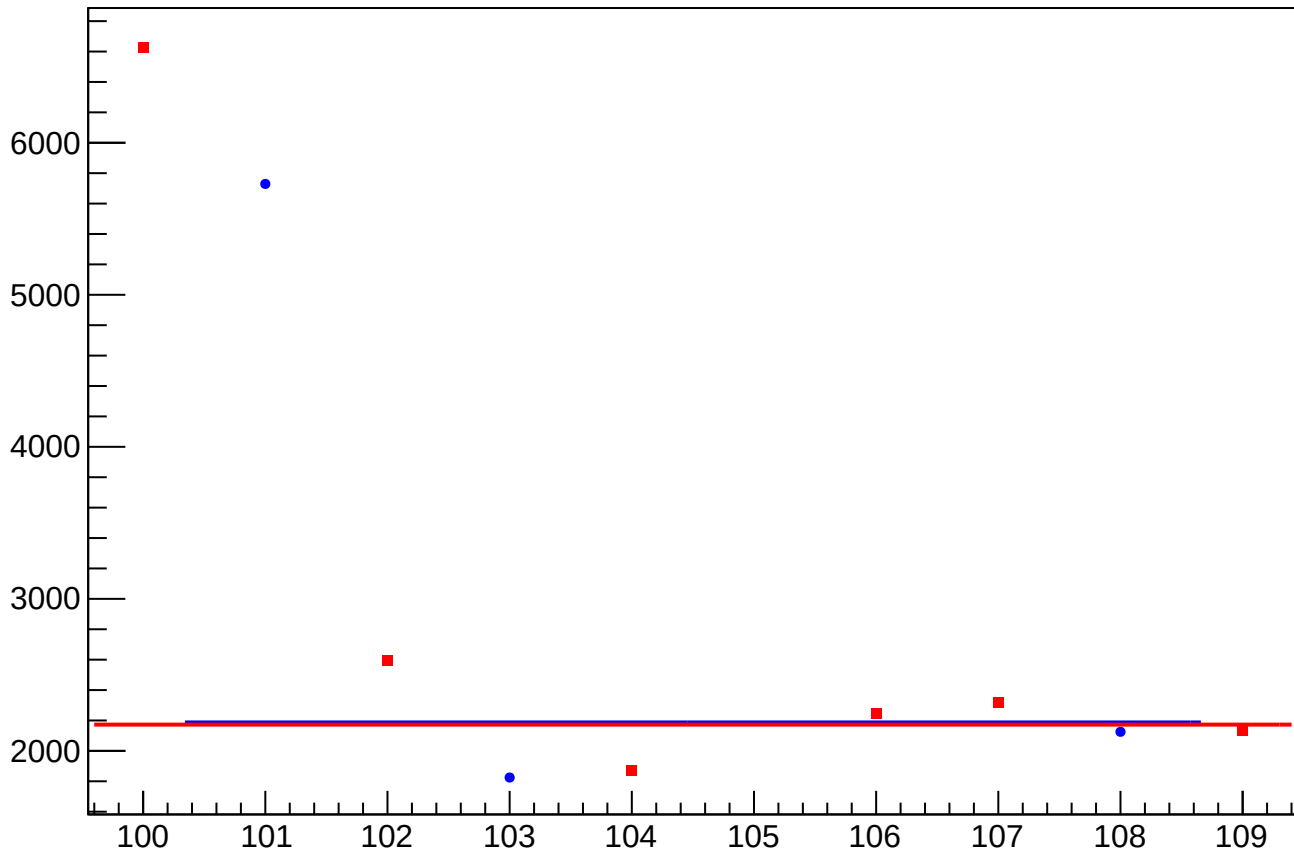
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -511.392 $\pm$ 1164.340 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2186.939+/-1.318 χ^2/NDF : 549381.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.790+/-1.054 χ^2/NDF : 120729.3/5

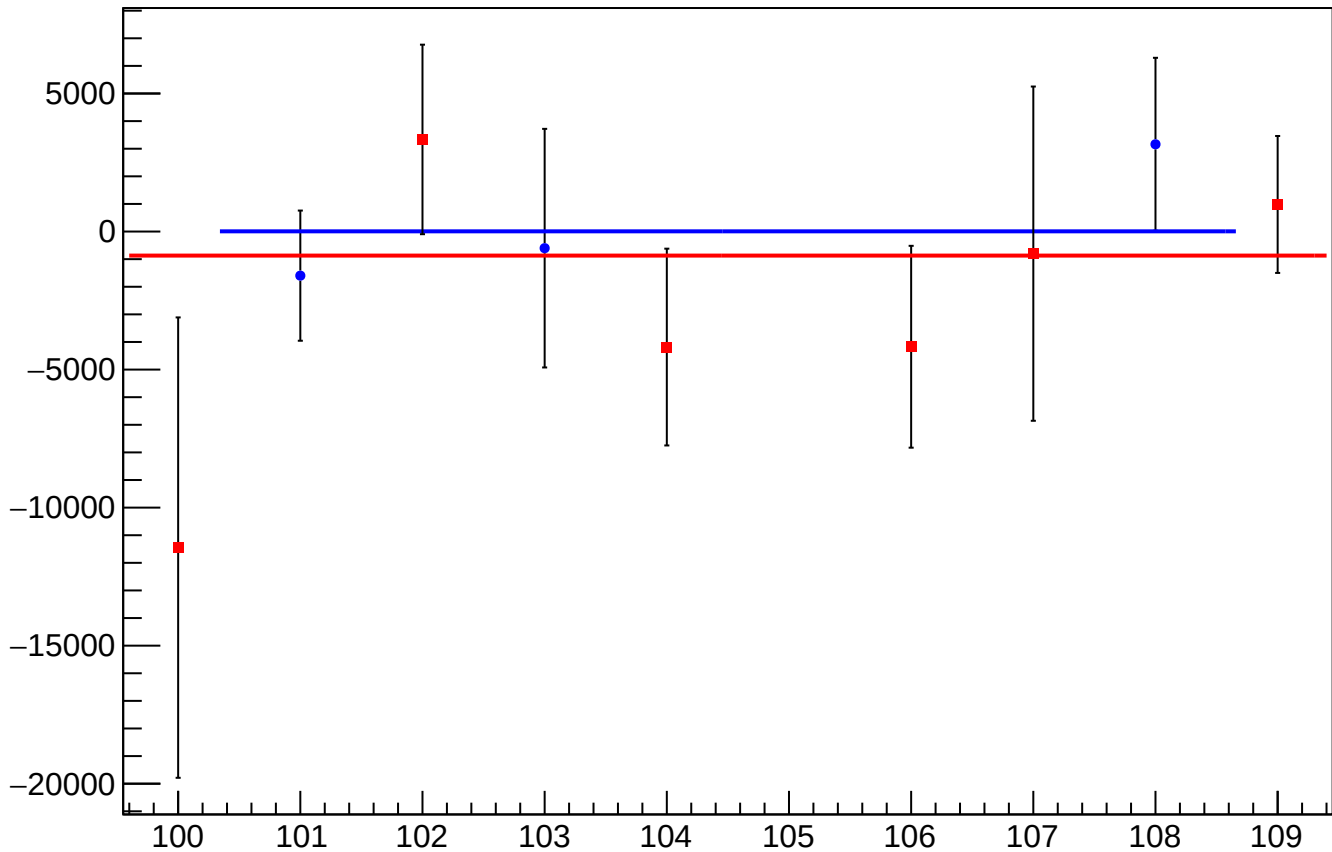
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.313+/-0.823 χ^2/NDF : 670180.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug



Right In: 7.693 $\pm$ 1726.753 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -870.831 $\pm$ 1503.005 χ^2 /NDF: 5.3/5

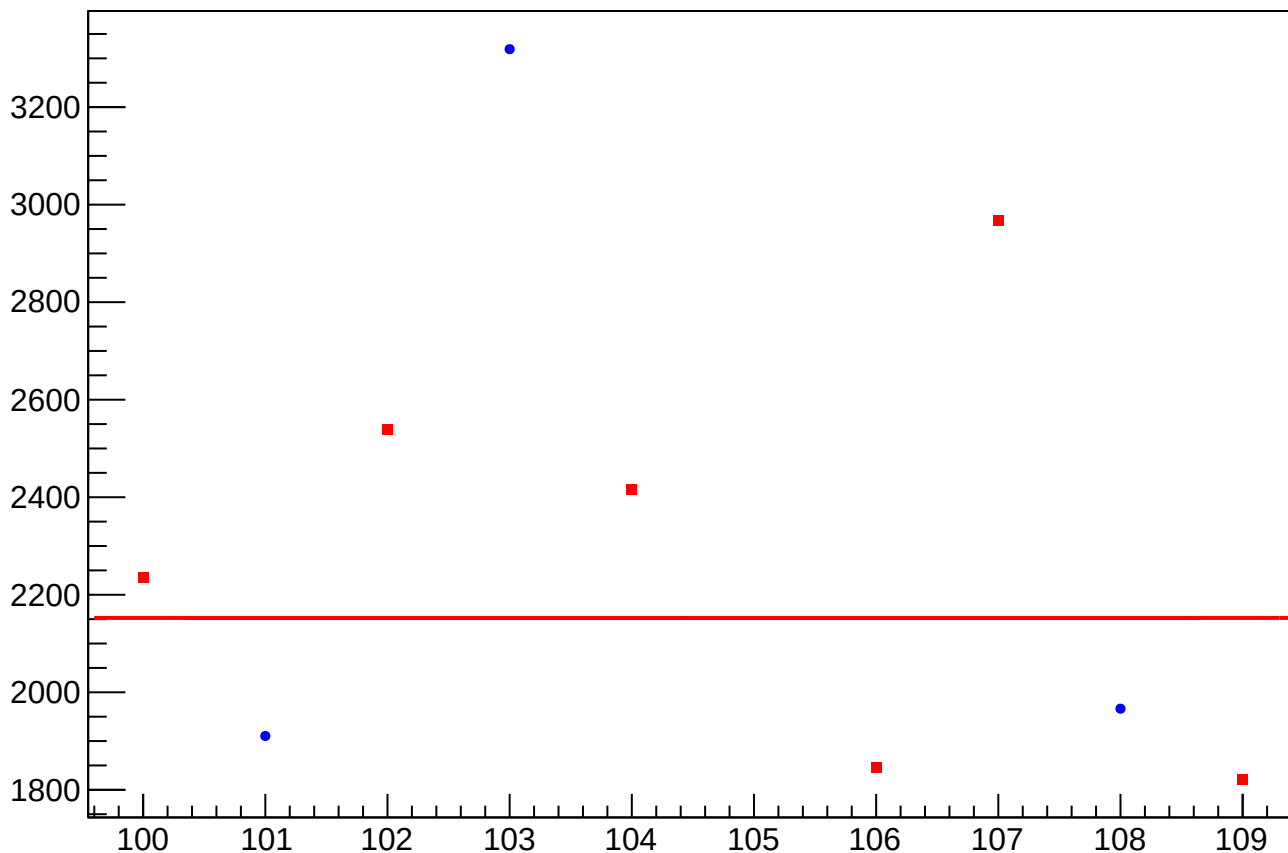
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -492.139 $\pm$ 1133.694 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



Right In: 2152.318+/-1.221 χ^2/NDF : 173827.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2152.506+/-1.063 χ^2/NDF : 122607.0/5

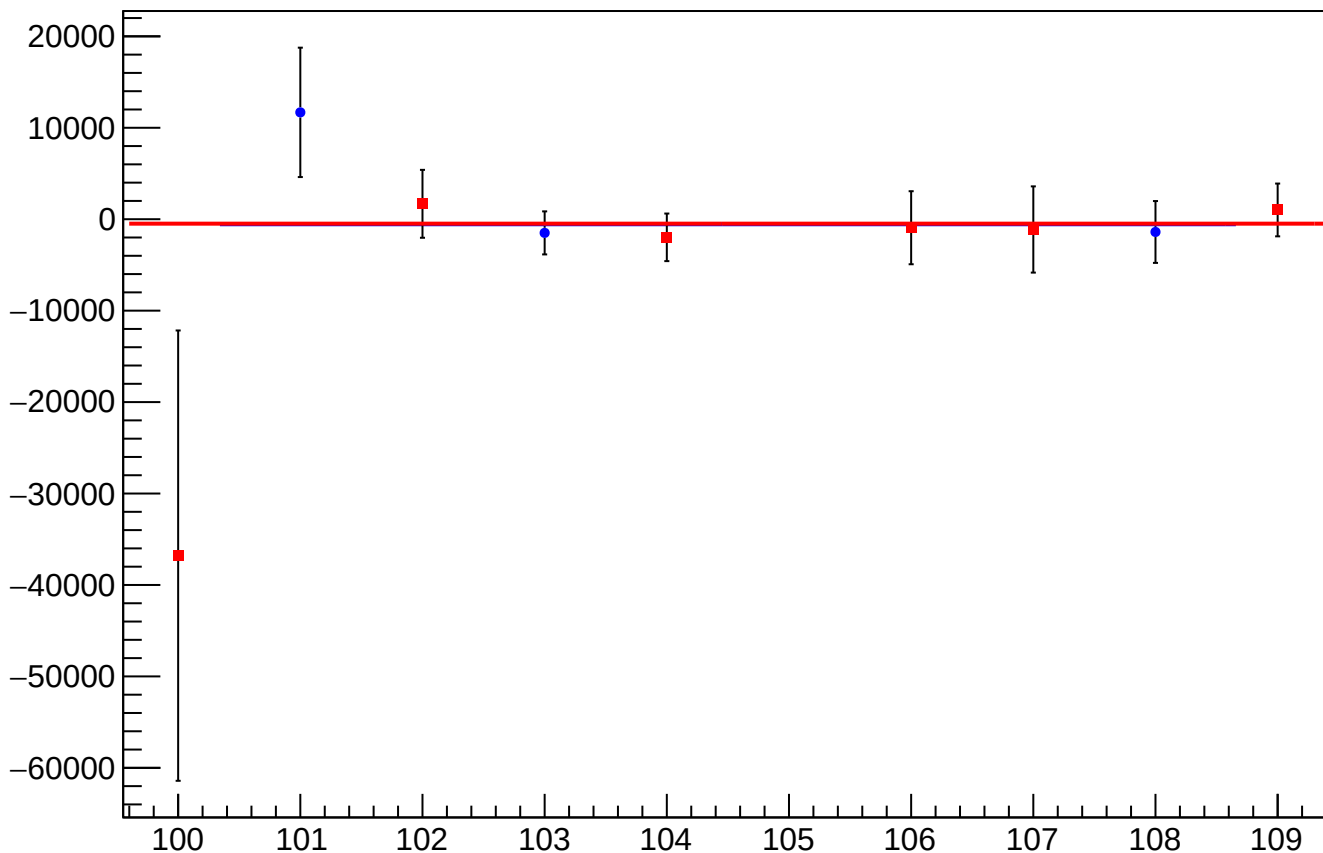
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2152.425+/-0.802 χ^2/NDF : 296434.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -550.489+/-1863.653 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -486.361+/-1491.185 χ^2/NDF : 3.1/5

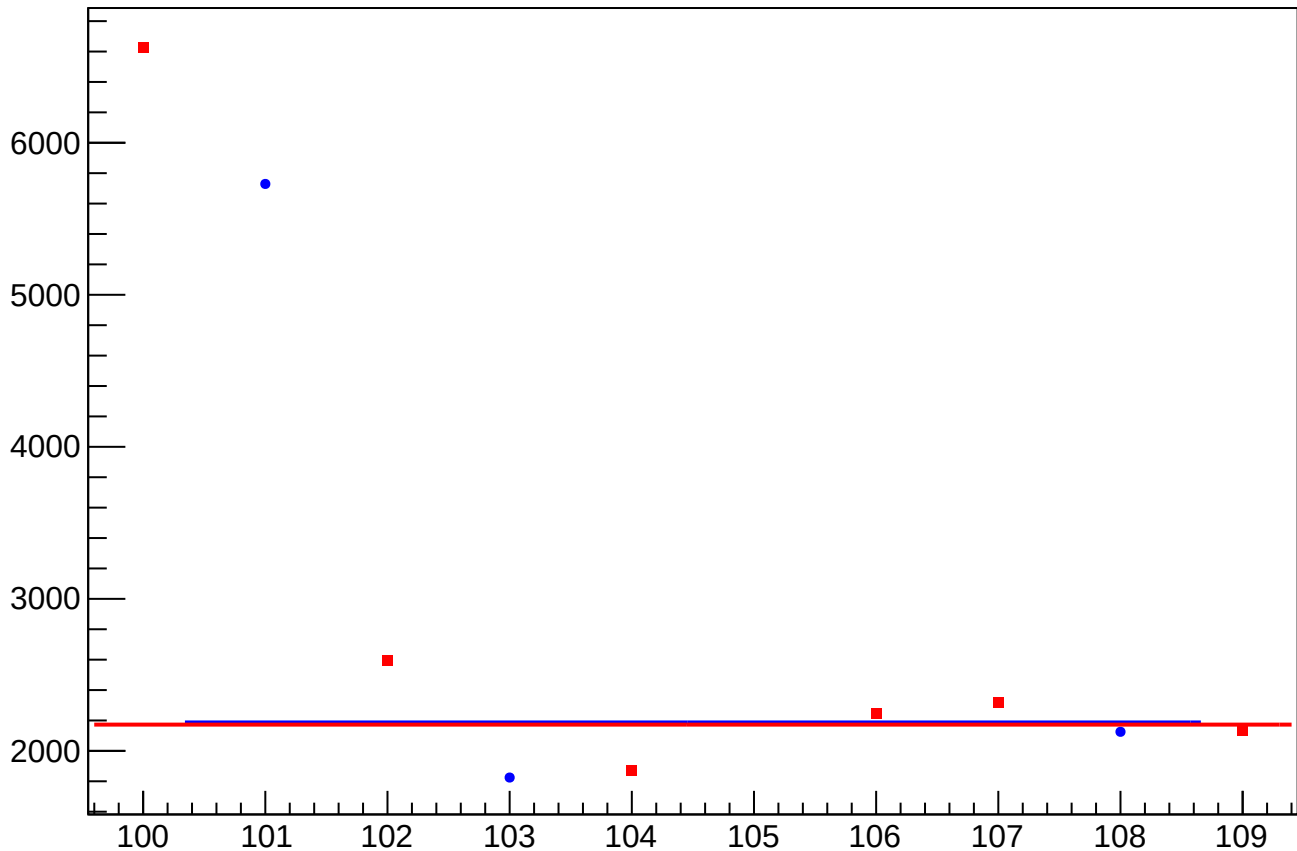
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.392+/-1164.340 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2186.939+/-1.318 χ^2/NDF : 549381.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.790+/-1.054 χ^2/NDF : 120729.3/5

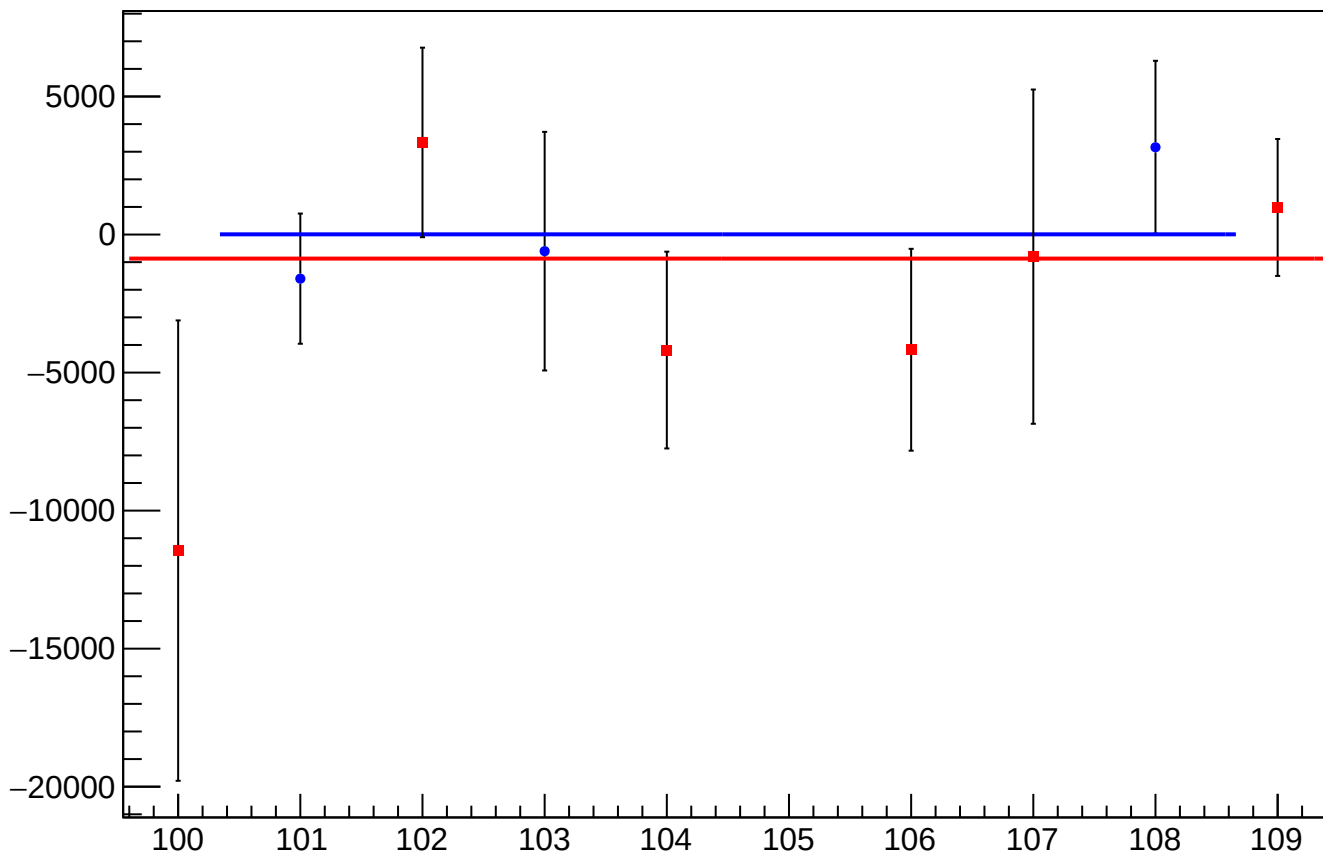
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2178.313+/-0.823 χ^2/NDF : 670180.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 7.693+/-1726.753 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -870.831+/-1503.005 χ^2/NDF : 5.3/5

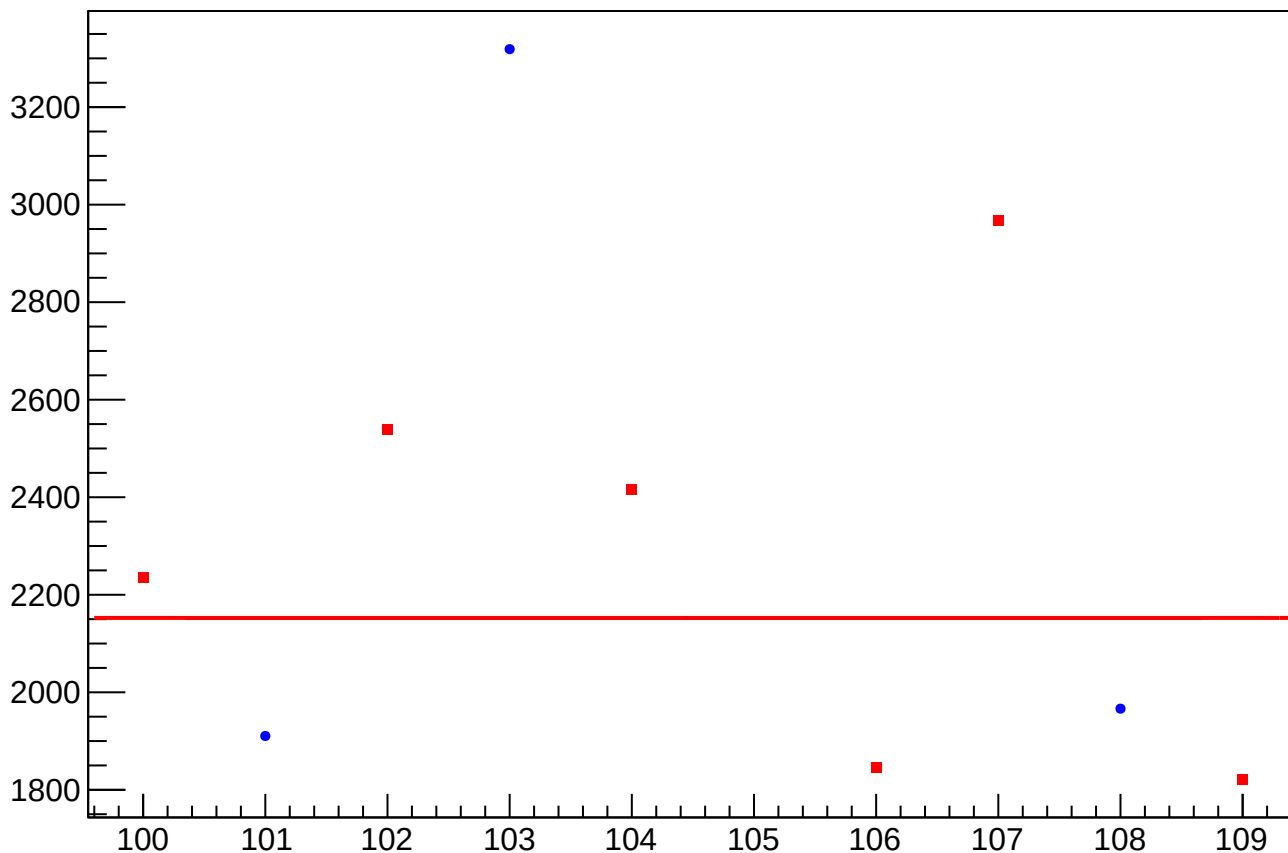
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -492.139+/-1133.694 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 2152.318+/-1.221 χ^2/NDF : 173827.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2152.506+/-1.063 χ^2/NDF : 122607.0/5

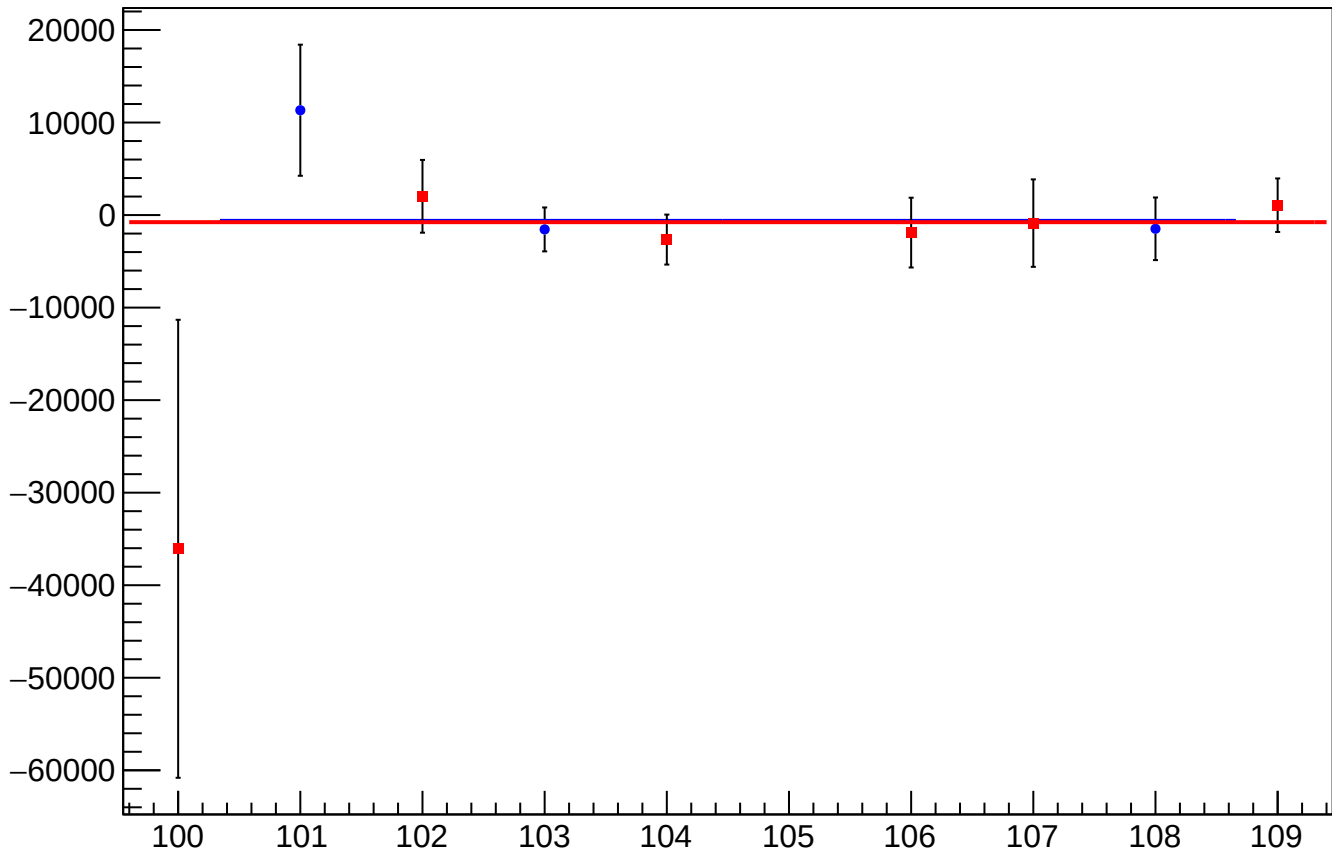
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2152.425+/-0.802 χ^2/NDF : 296434.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -629.706 $\pm$ 1873.394 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -766.290 $\pm$ 1510.710 χ^2 /NDF: 3.5/5

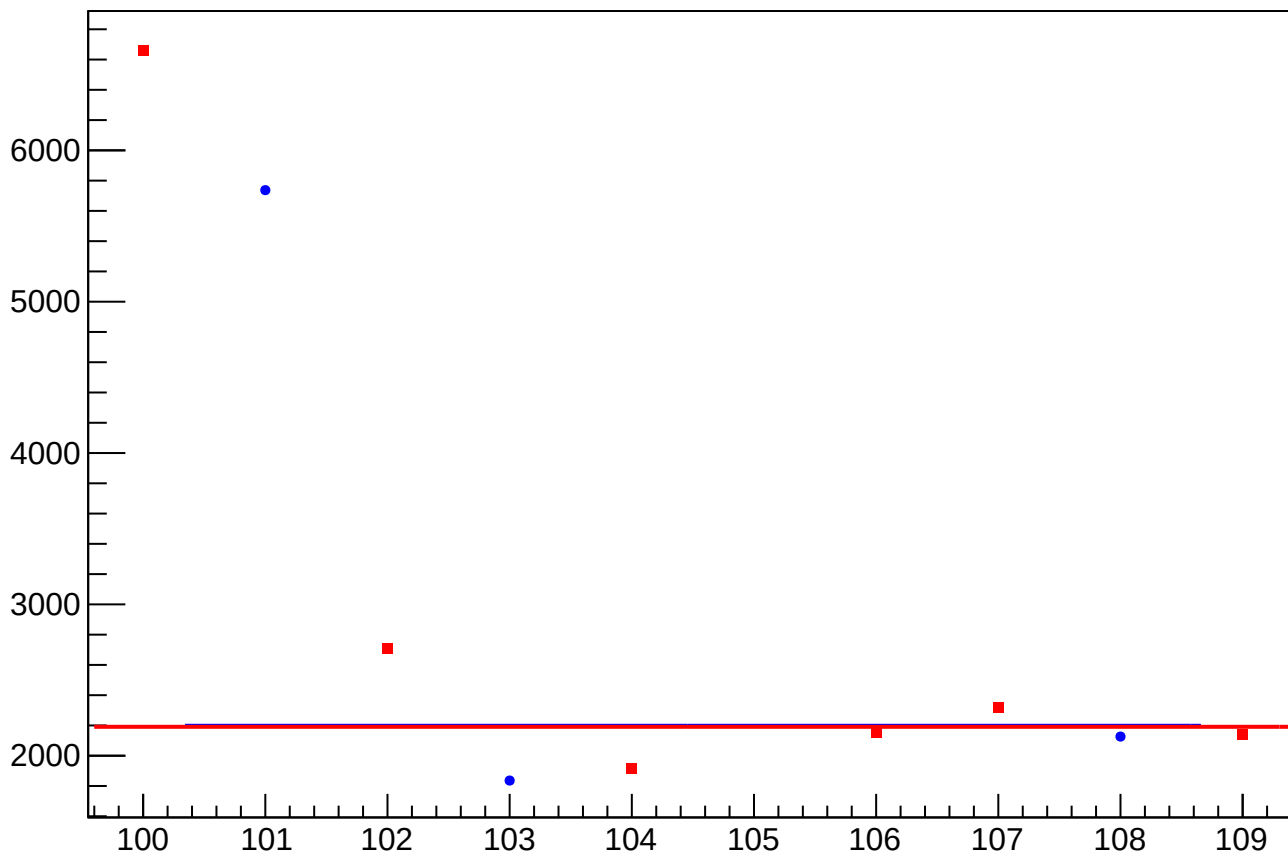
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -712.470 $\pm$ 1175.984 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2197.860+/-1.325 χ^2/NDF : 546516.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2191.043+/-1.068 χ^2/NDF : 123624.3/5

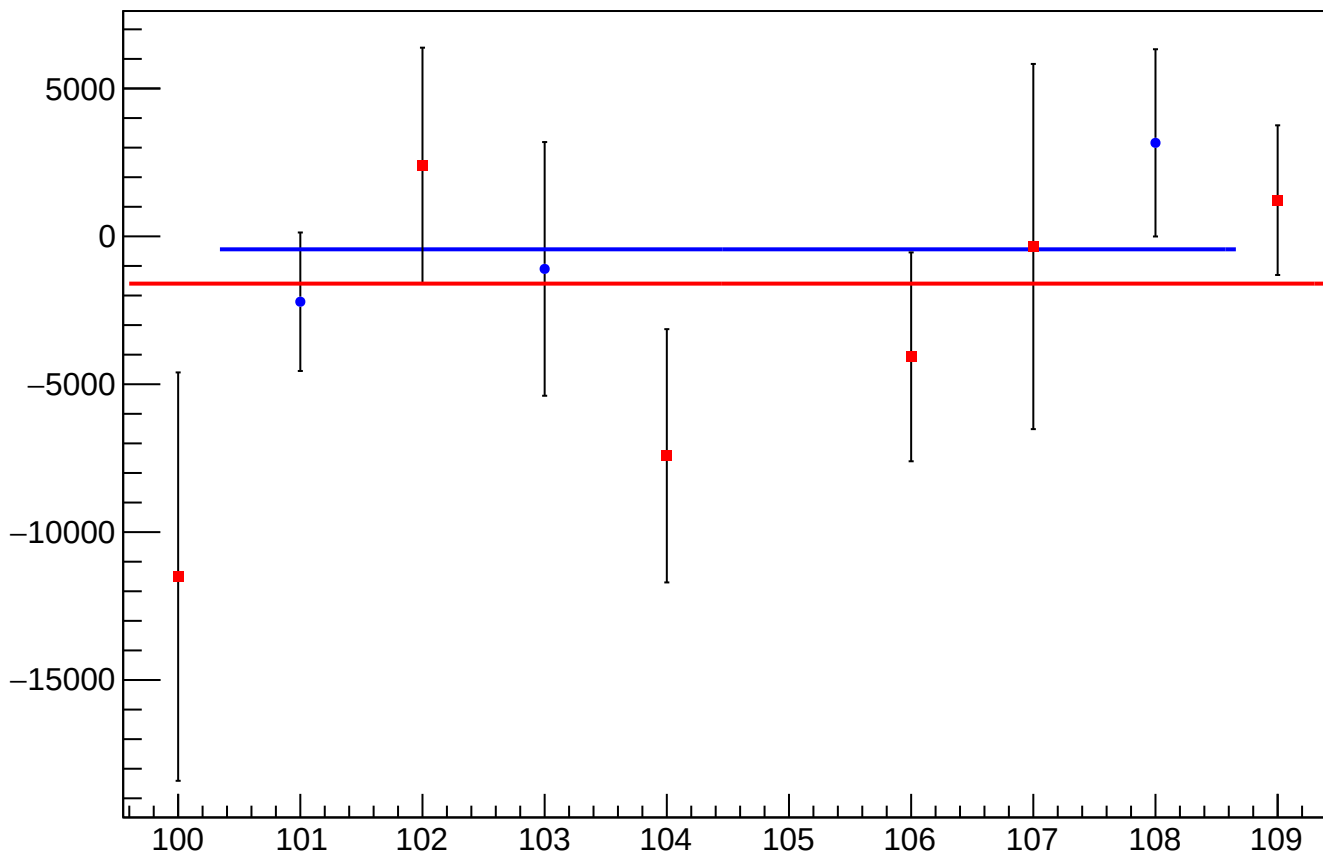
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.729+/-0.832 χ^2/NDF : 670156.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug



Right In: -438.233+/-1723.625 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1597.888+/-1579.337 χ^2/NDF : 6.7/5

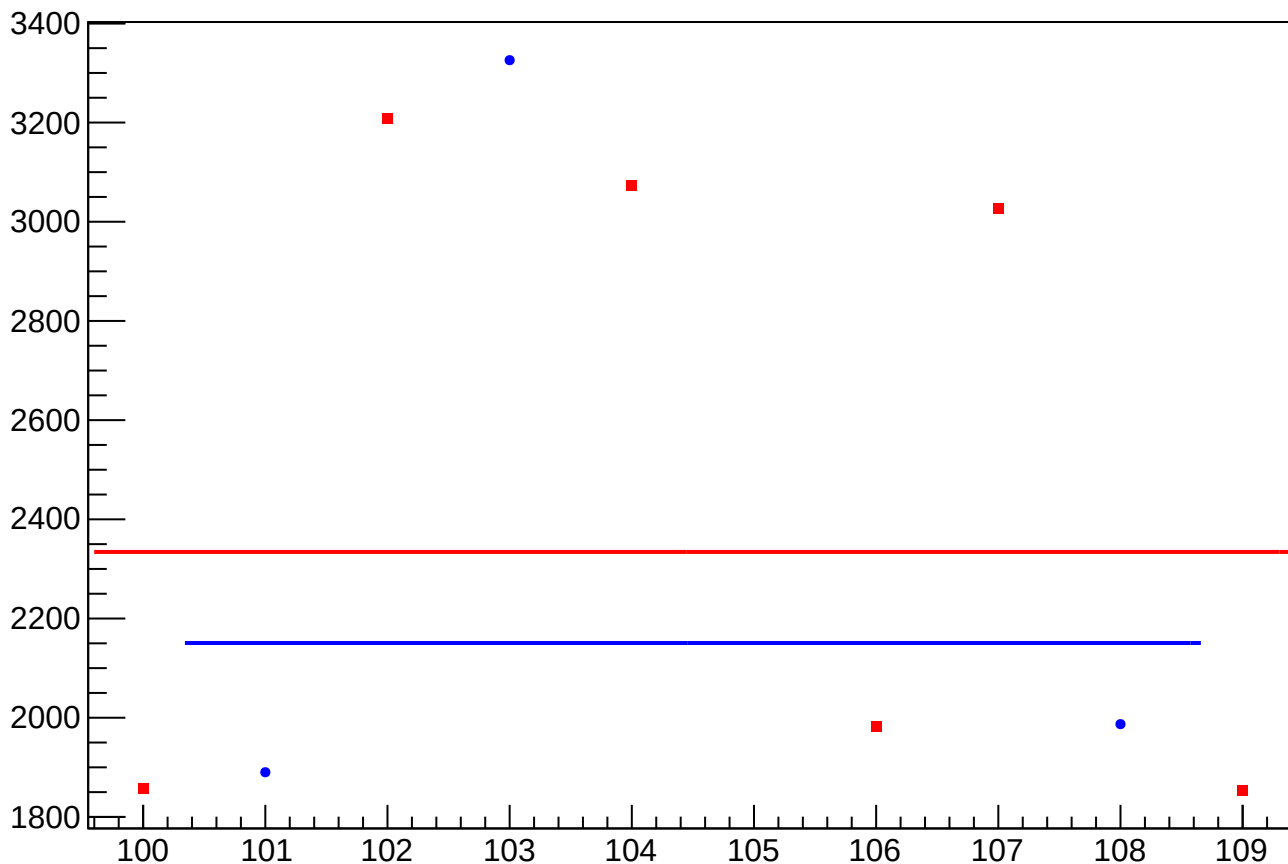
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1068.623+/-1164.434 χ^2/NDF : 8.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug



Right In: 2150.698 $\pm$ 1.219 χ^2 /NDF: 180239.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2334.272 $\pm$ 1.117 χ^2 /NDF: 282642.3/5

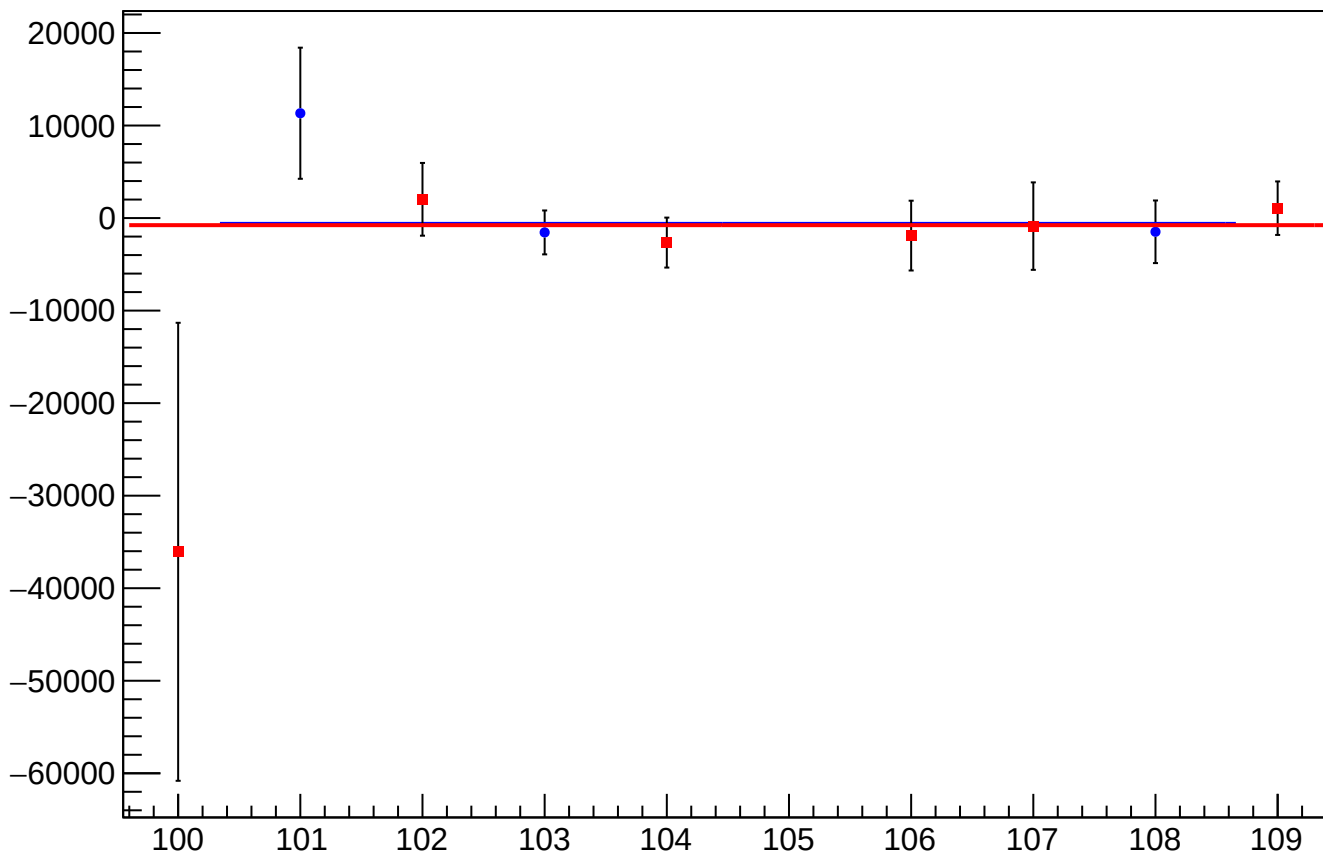
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2250.490 $\pm$ 0.823 χ^2 /NDF: 475214.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -629.702 $\pm$ 1873.394 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -766.292 $\pm$ 1510.709 χ^2 /NDF: 3.5/5

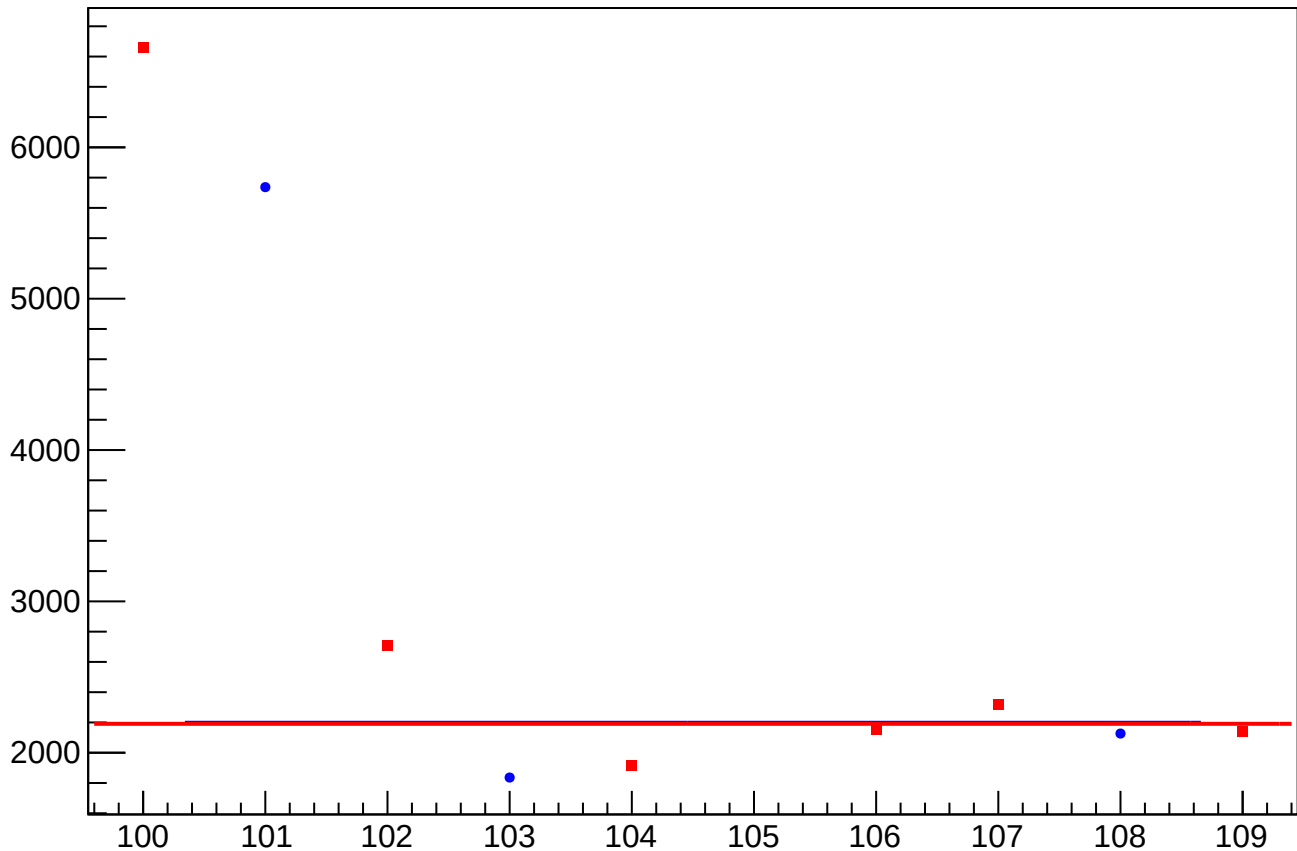
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -712.470 $\pm$ 1175.984 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2197.859+/-1.325 χ^2/NDF : 546516.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2191.042+/-1.068 χ^2/NDF : 123624.2/5

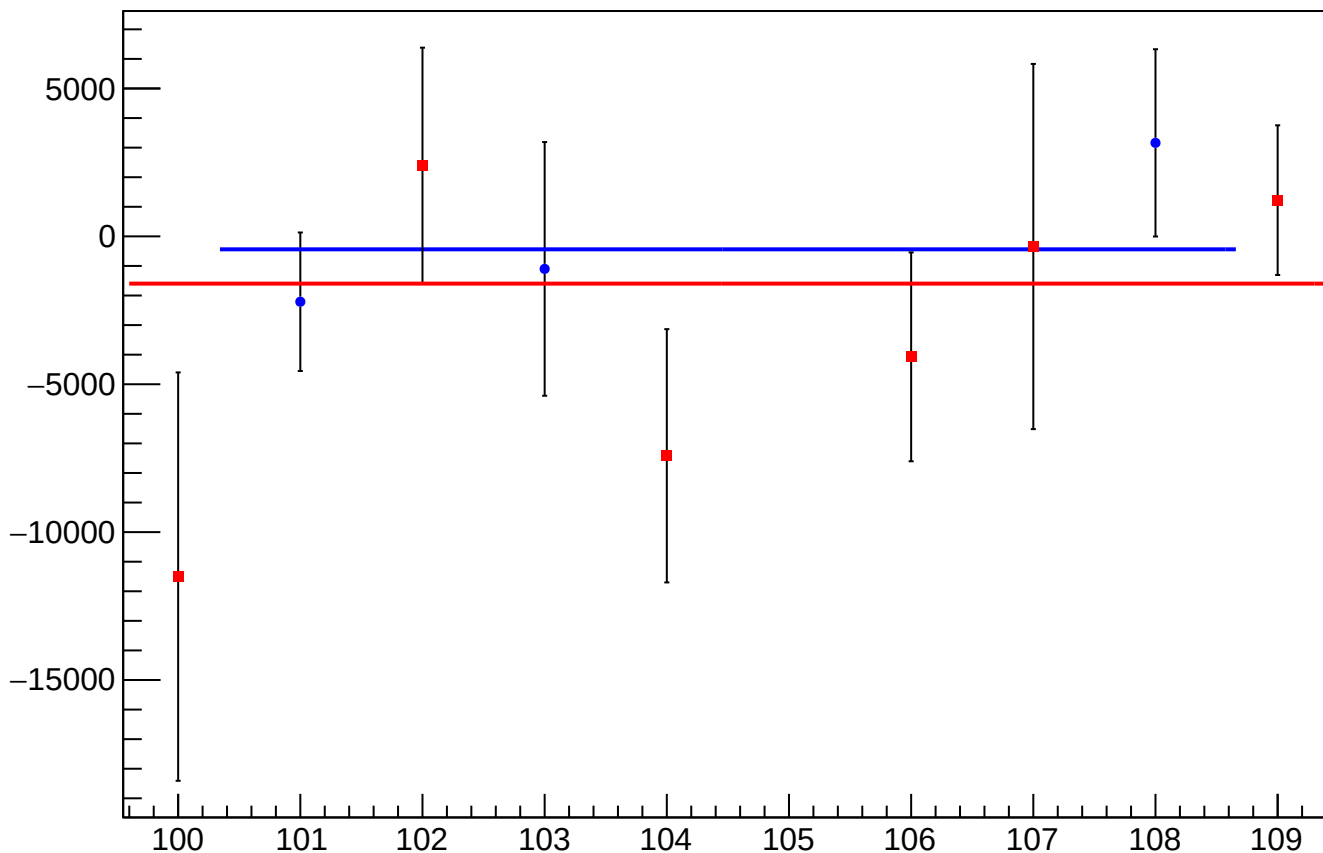
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2193.729+/-0.832 χ^2/NDF : 670156.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -438.227+/-1723.623 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1597.883+/-1579.335 χ^2/NDF : 6.7/5

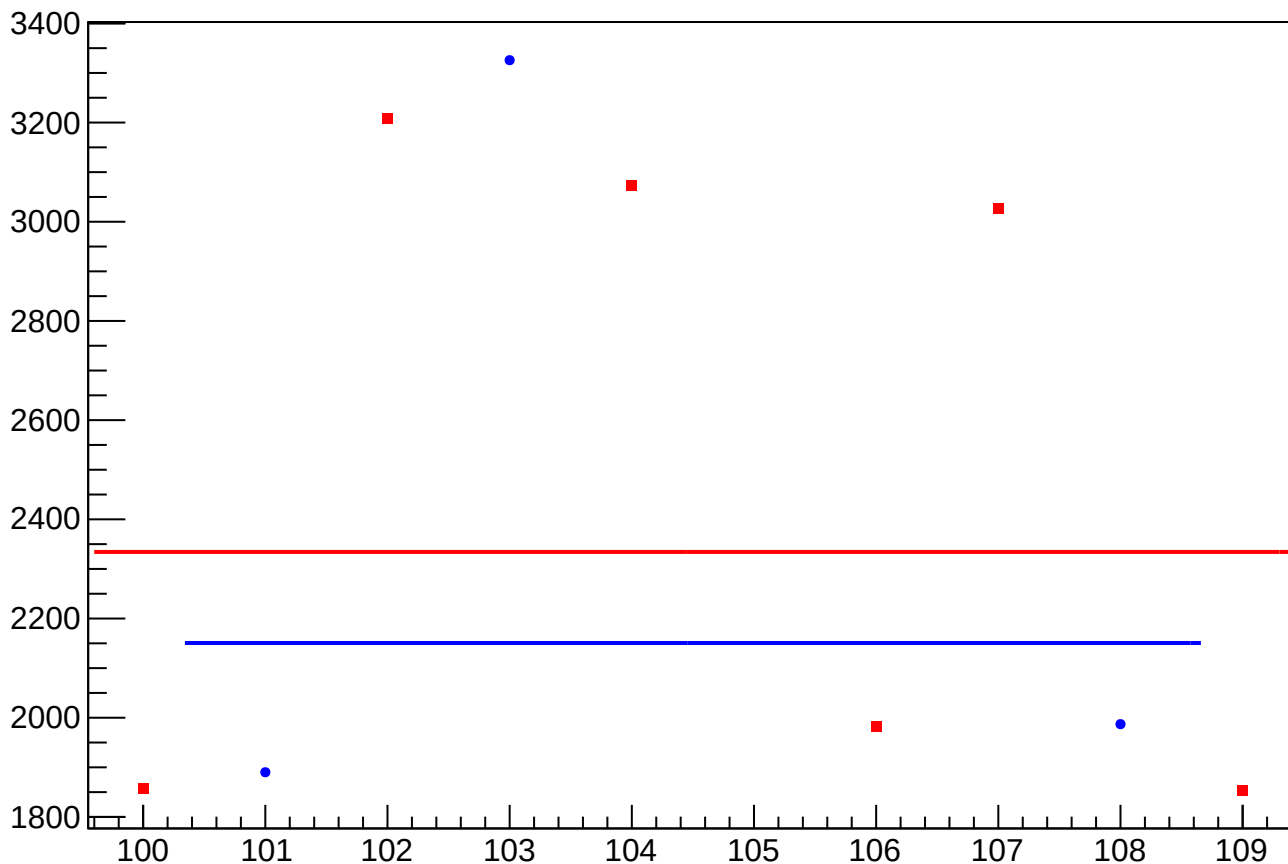
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1068.617+/-1164.433 χ^2/NDF : 8.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 2150.695+/-1.219 χ^2/NDF : 180241.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2334.270+/-1.117 χ^2/NDF : 282647.2/5

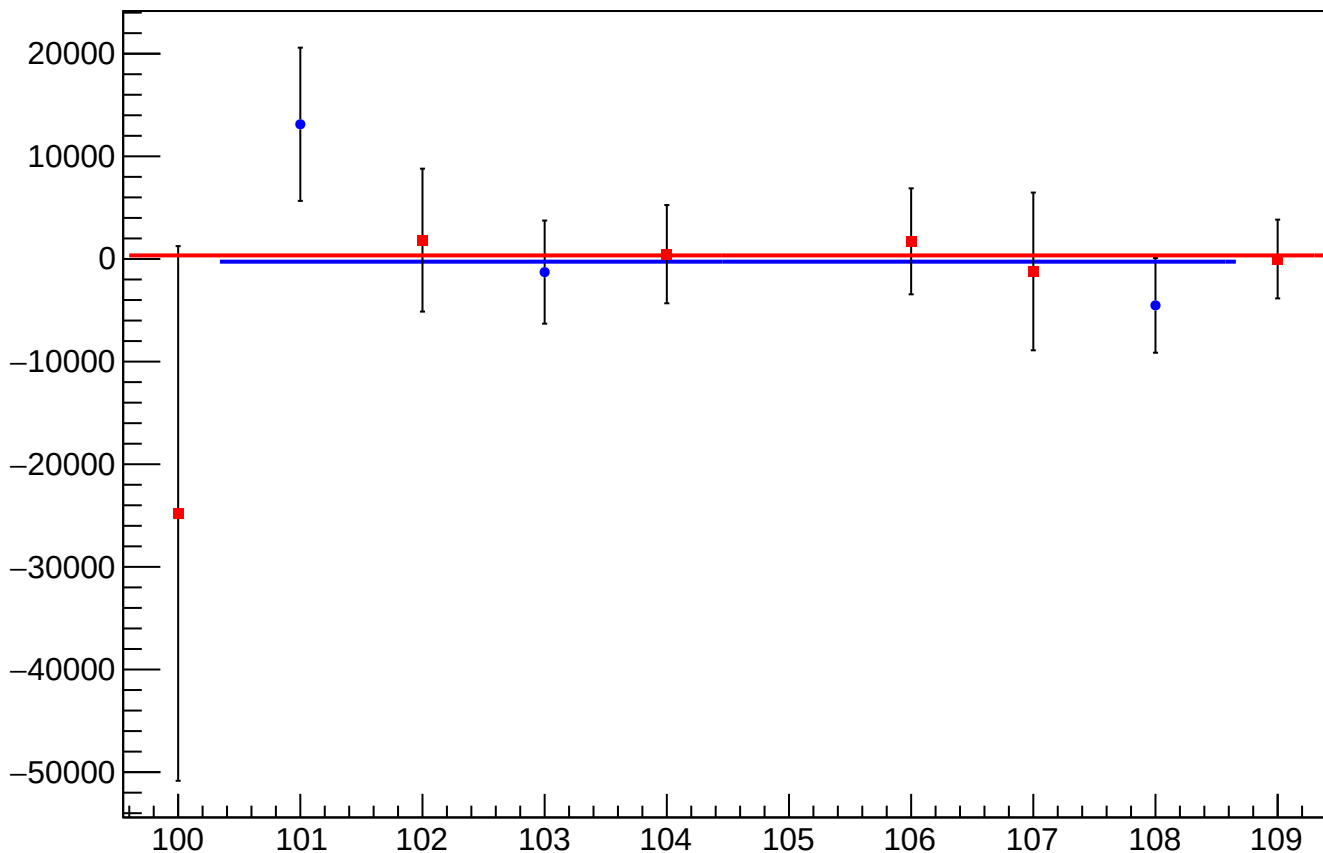
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.486+/-0.823 χ^2/NDF : 475221.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -262.605 $\pm$ 3092.807 χ^2 /NDF: 4.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 347.192 $\pm$ 2305.708 χ^2 /NDF: 1.1/5

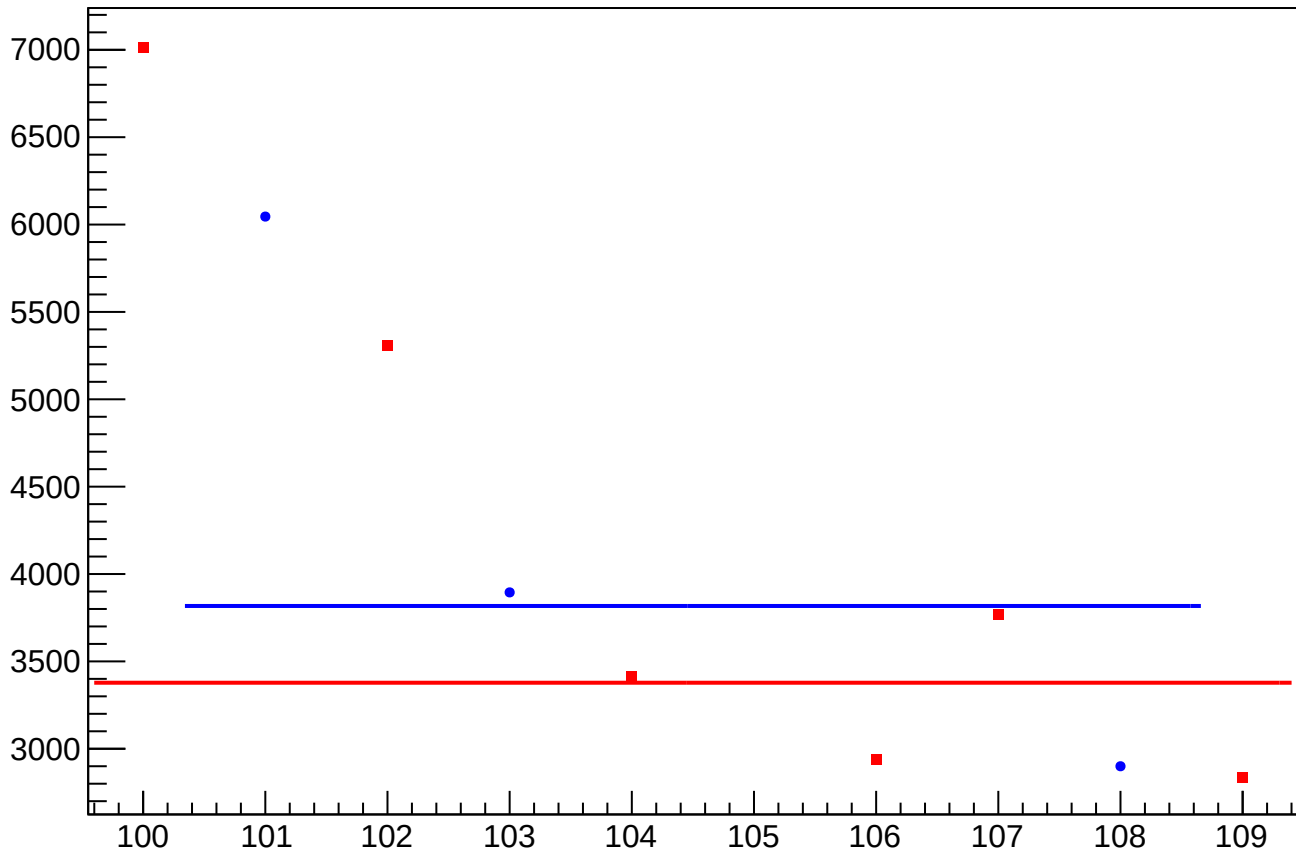
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 129.351 $\pm$ 1848.545 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 3817.192 $\pm$ 2.187 χ^2 /NDF: 257772.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3377.913 $\pm$ 1.630 χ^2 /NDF: 252654.9/5

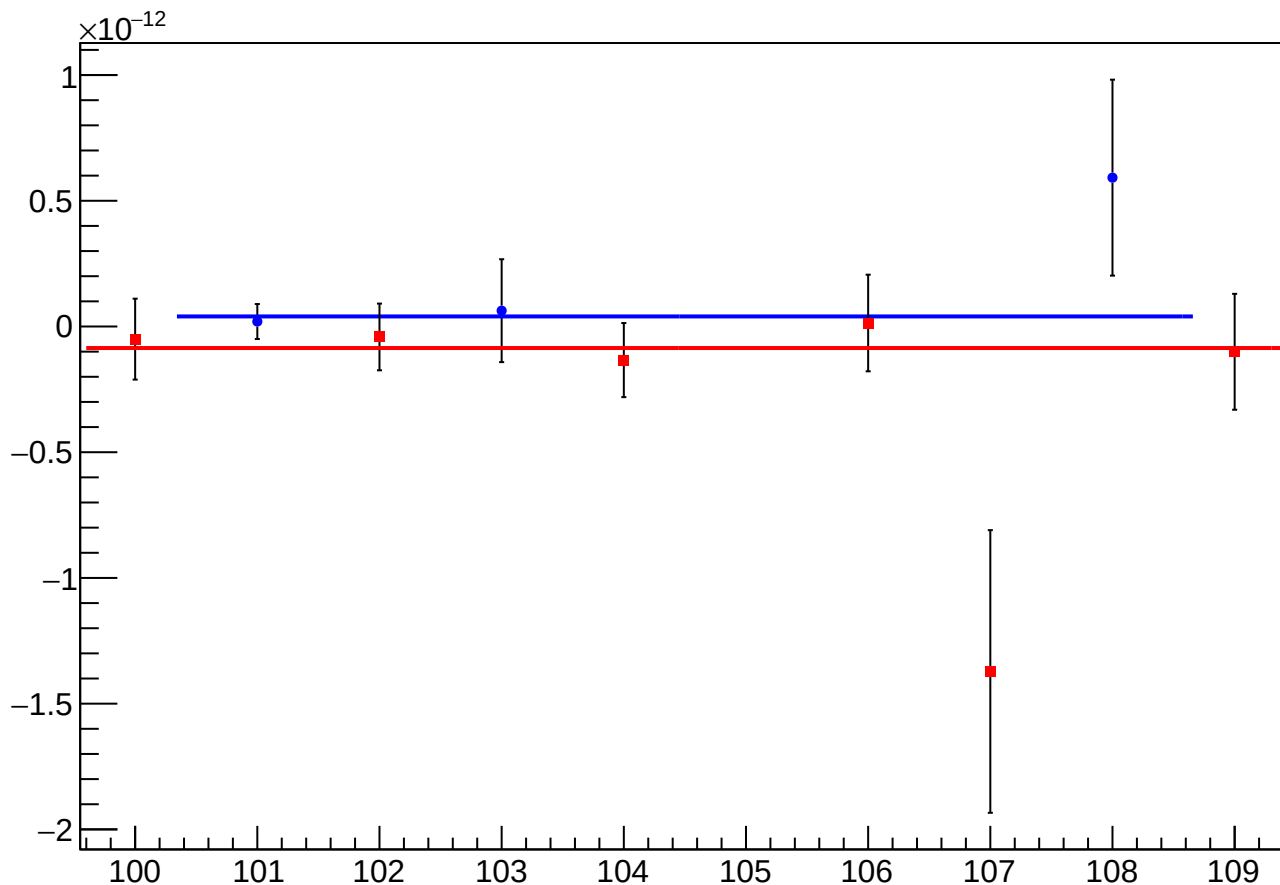
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3534.834 $\pm$ 1.307 χ^2 /NDF: 536360.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.8/5

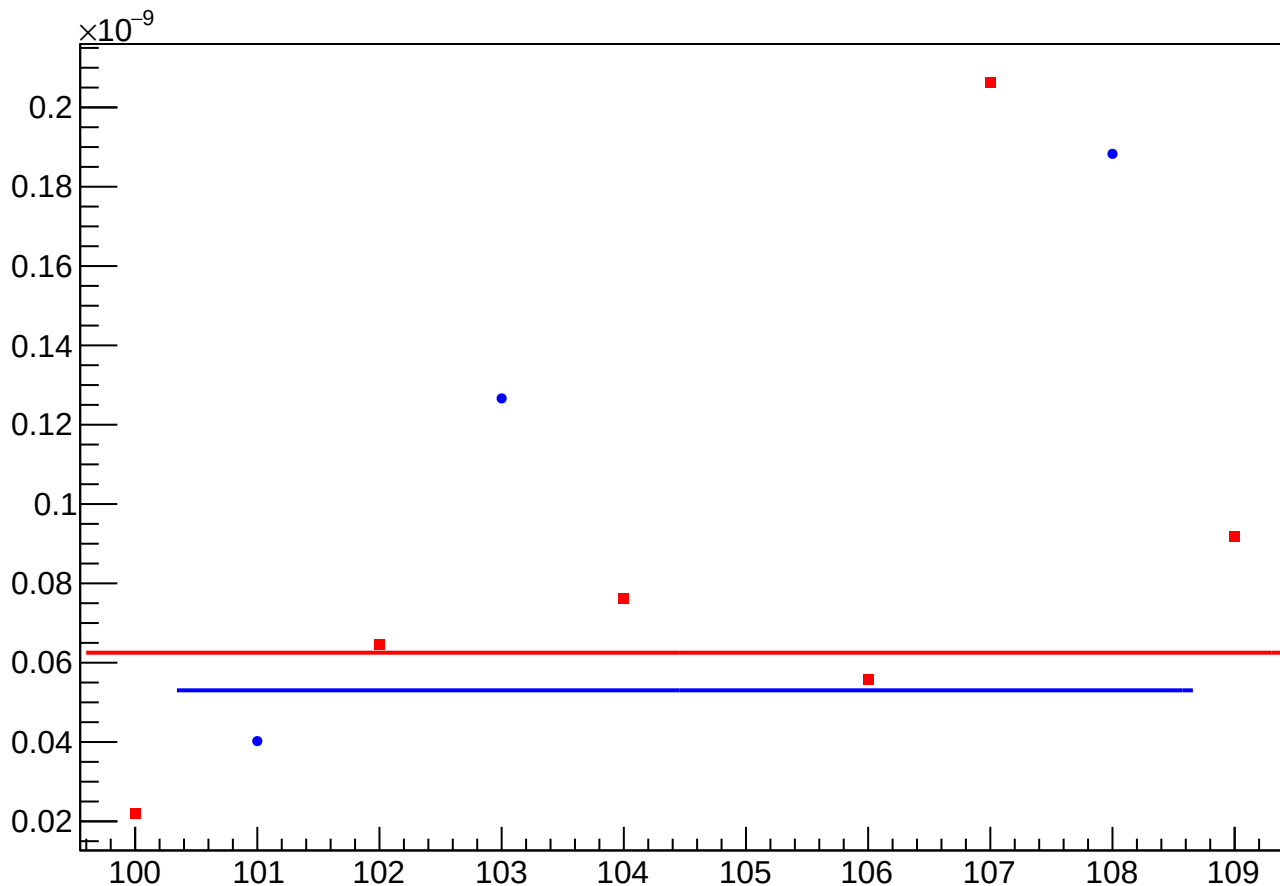
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 567600.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 309895.9/5

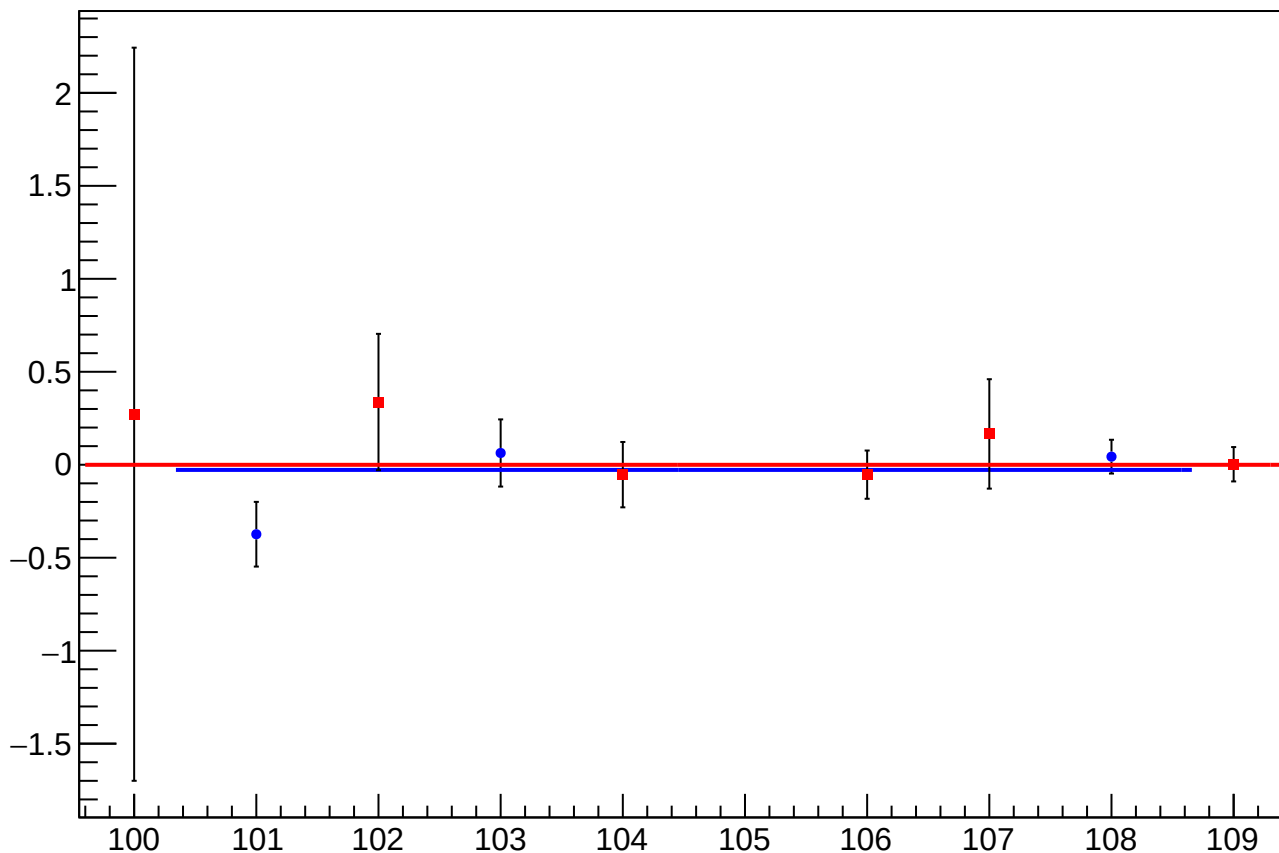
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 896530.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.066 χ^2 /NDF: 1.4/5

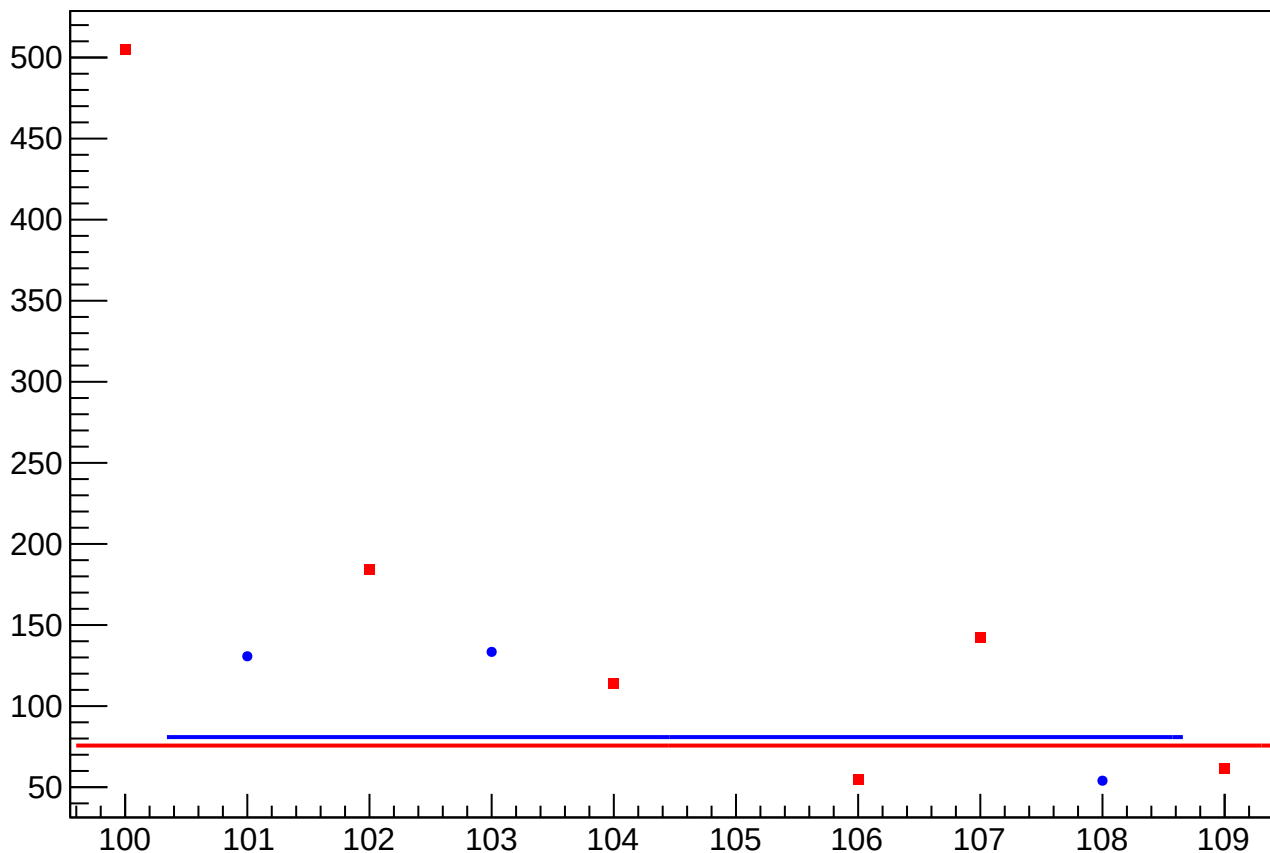
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.049 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 80.883+/-0.052 χ^2/NDF : 508473.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.664+/-0.047 χ^2/NDF : 570751.1/5

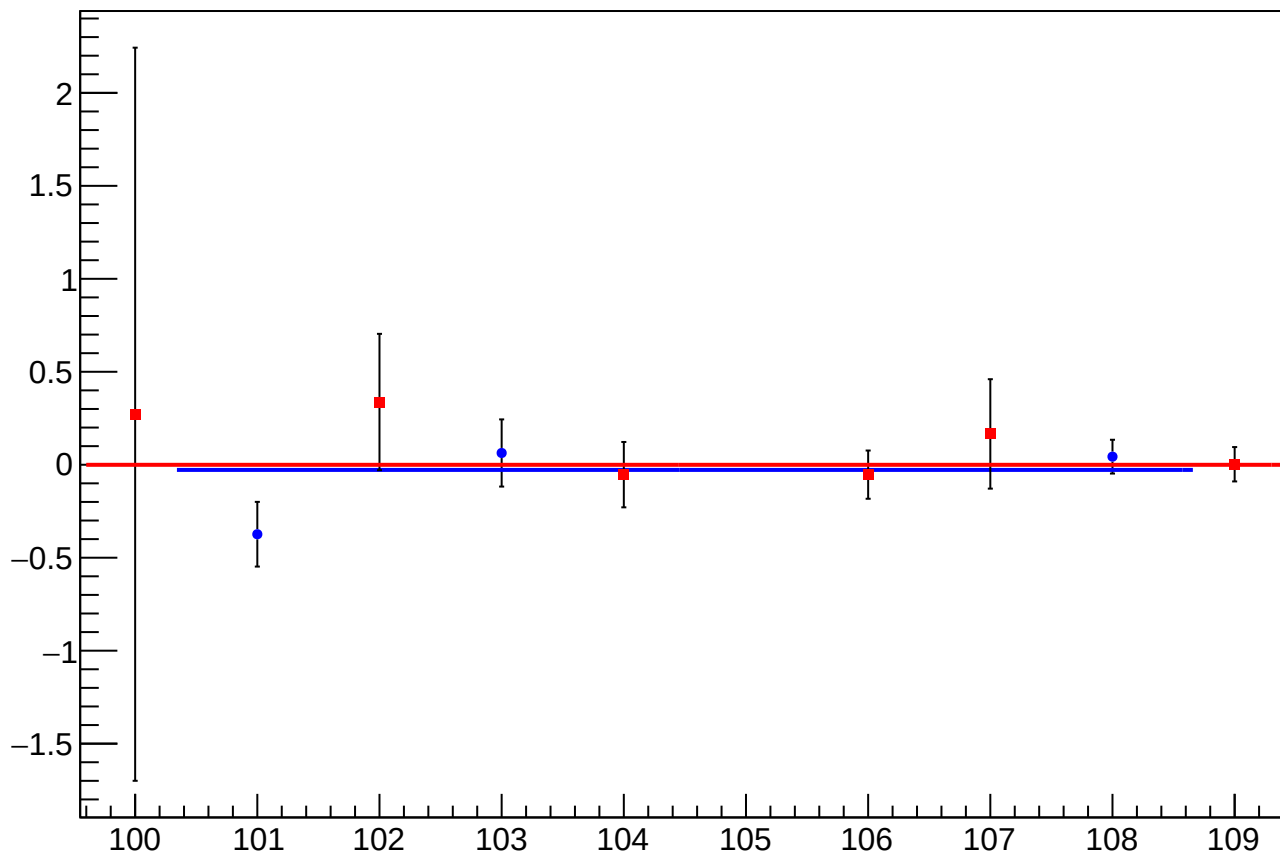
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.000+/-0.035 χ^2/NDF : 1084786.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.066 χ^2 /NDF: 1.4/5

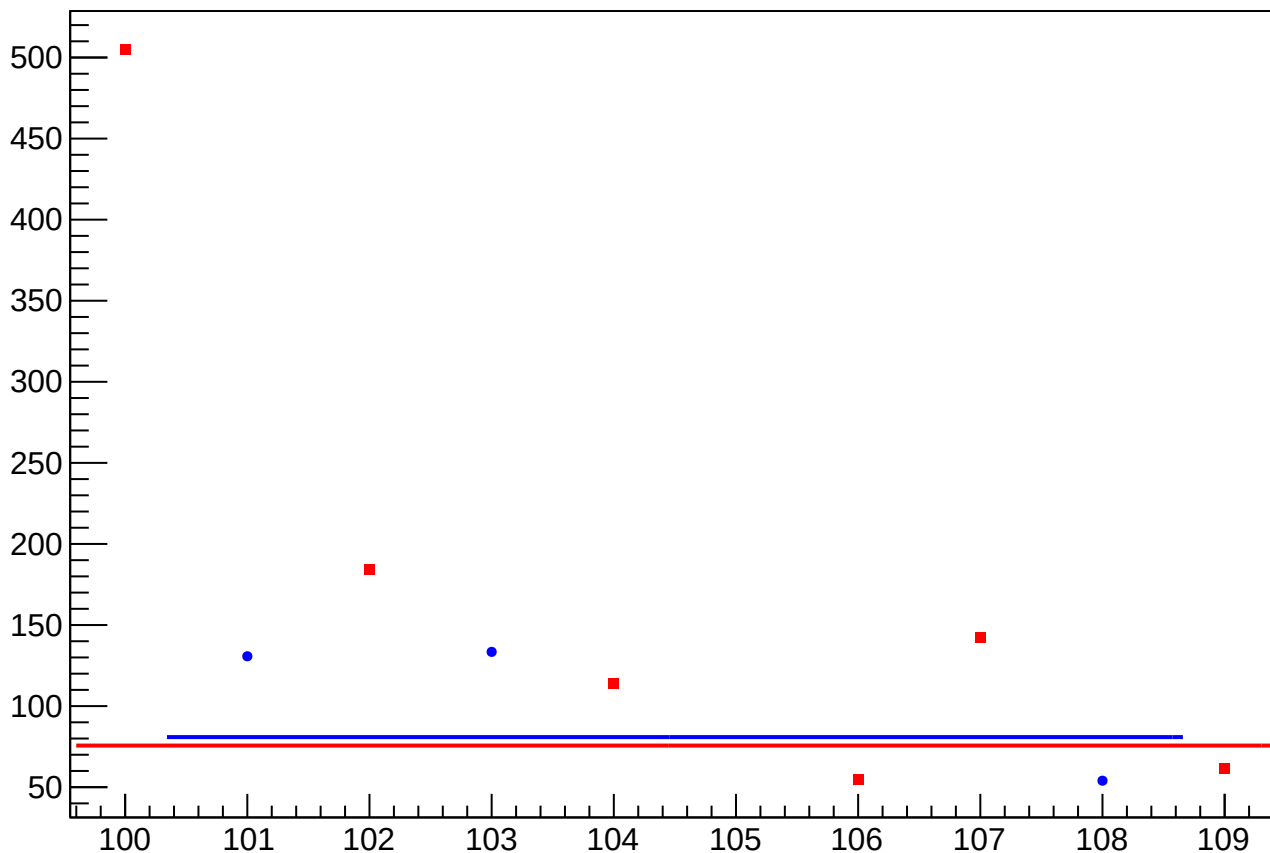
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.049 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 80.883+/-0.052 χ^2/NDF : 508473.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.664+/-0.047 χ^2/NDF : 570751.1/5

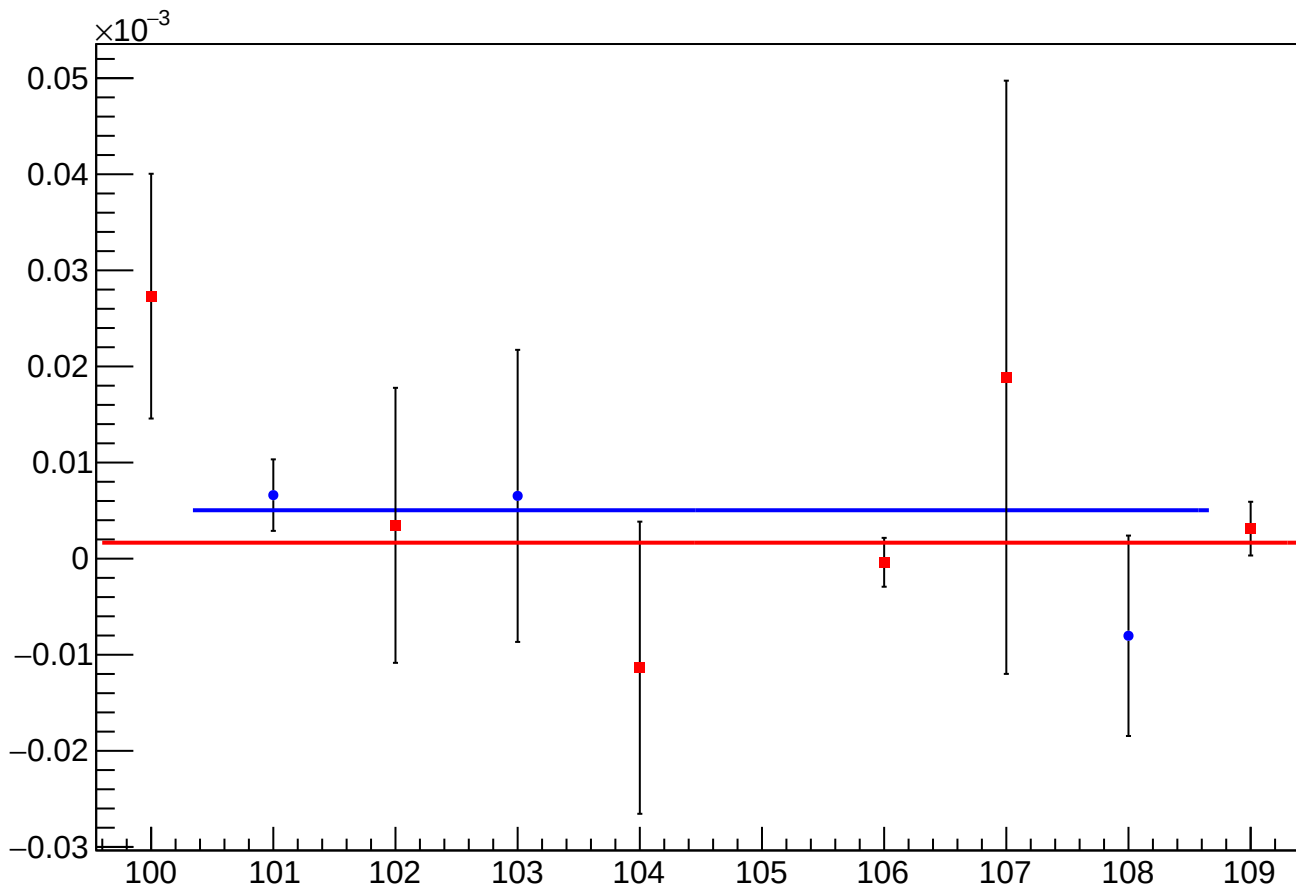
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.000+/-0.035 χ^2/NDF : 1084786.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/5

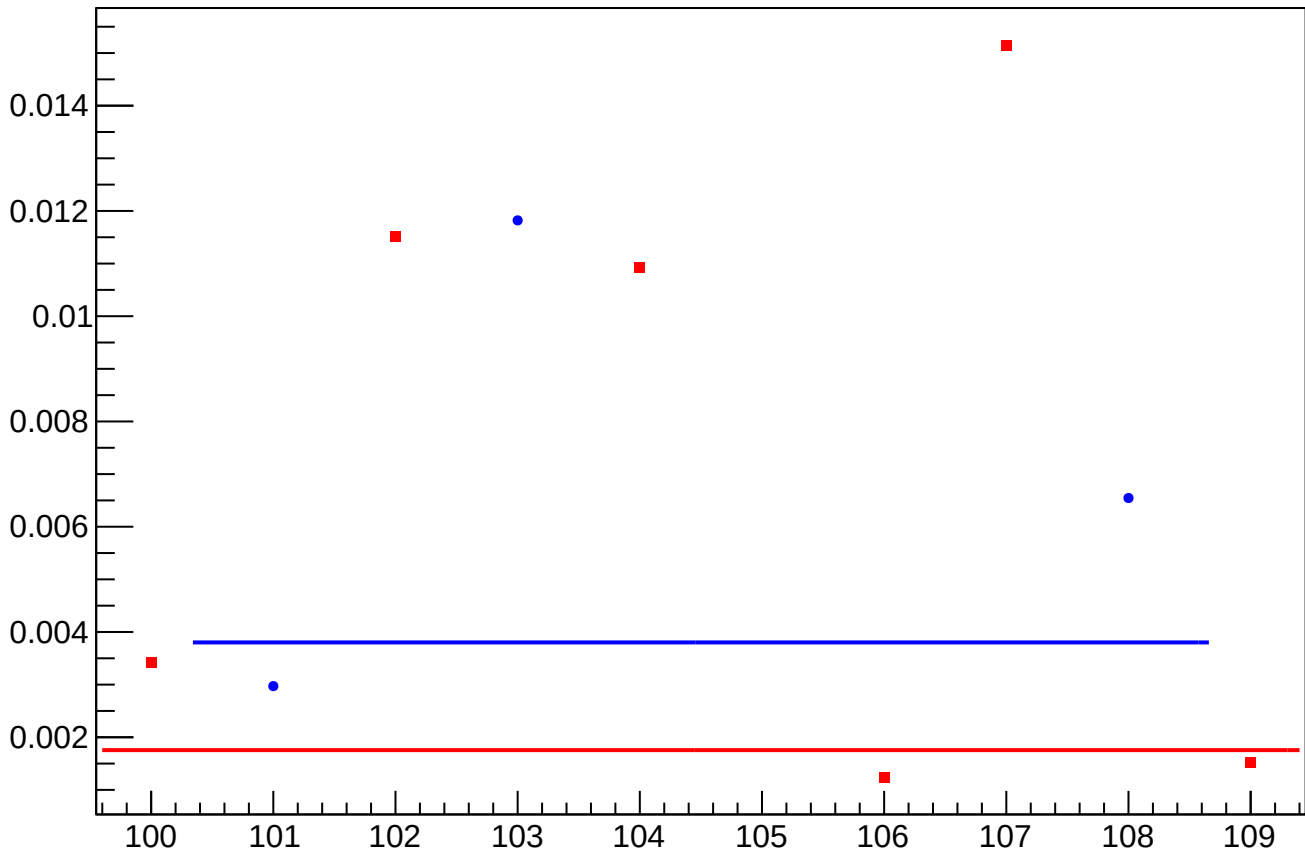
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 794880.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2169029.1/5

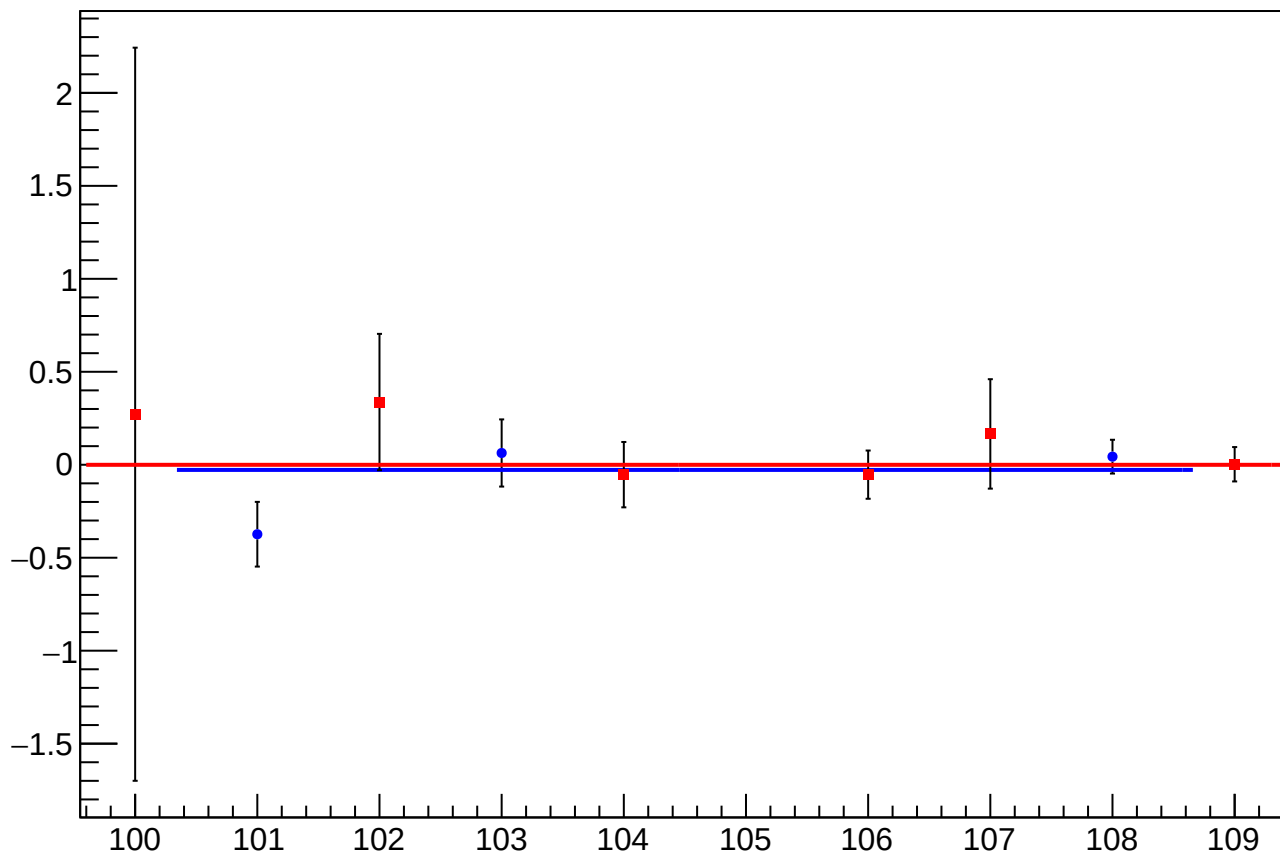
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3522019.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.066 χ^2 /NDF: 1.4/5

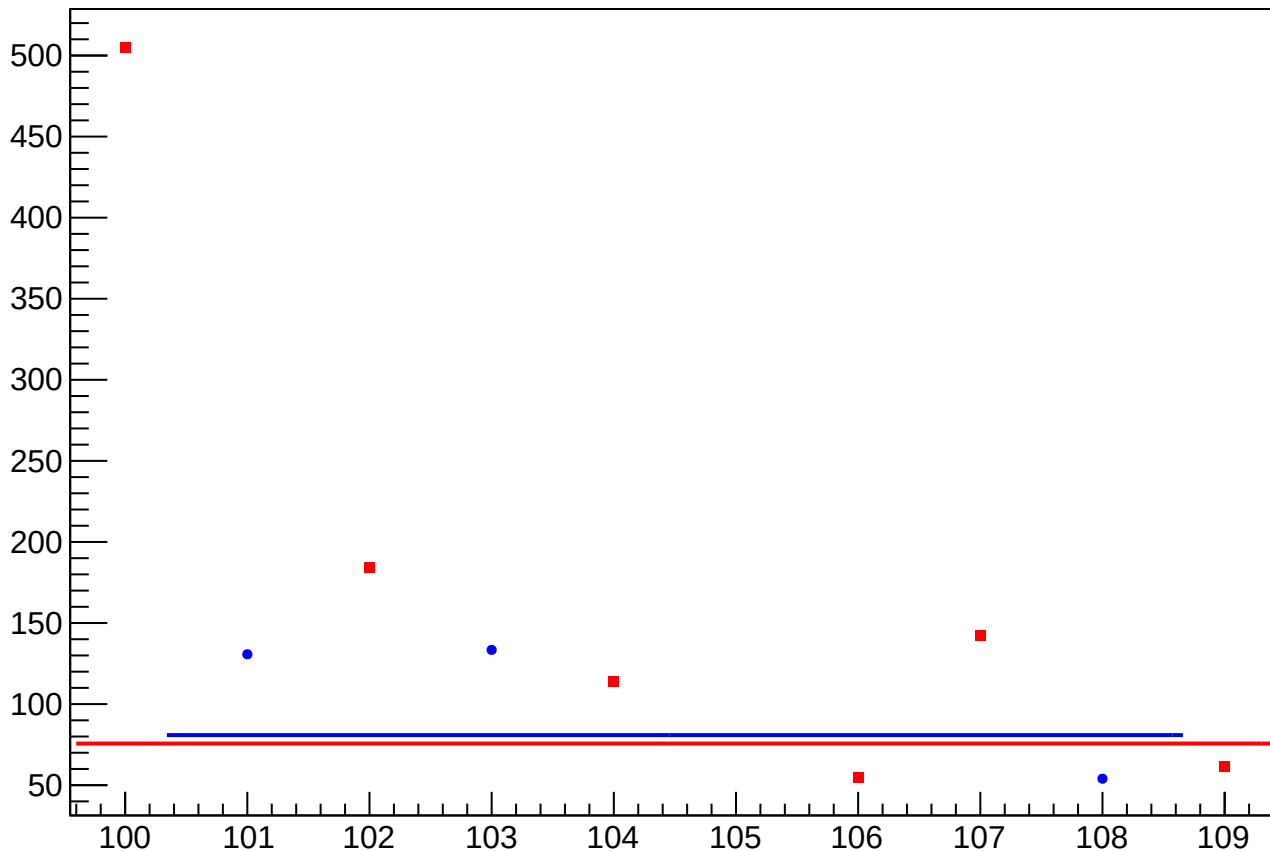
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.049 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 80.881+/-0.052 χ^2/NDF : 508451.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.663+/-0.047 χ^2/NDF : 570714.7/5

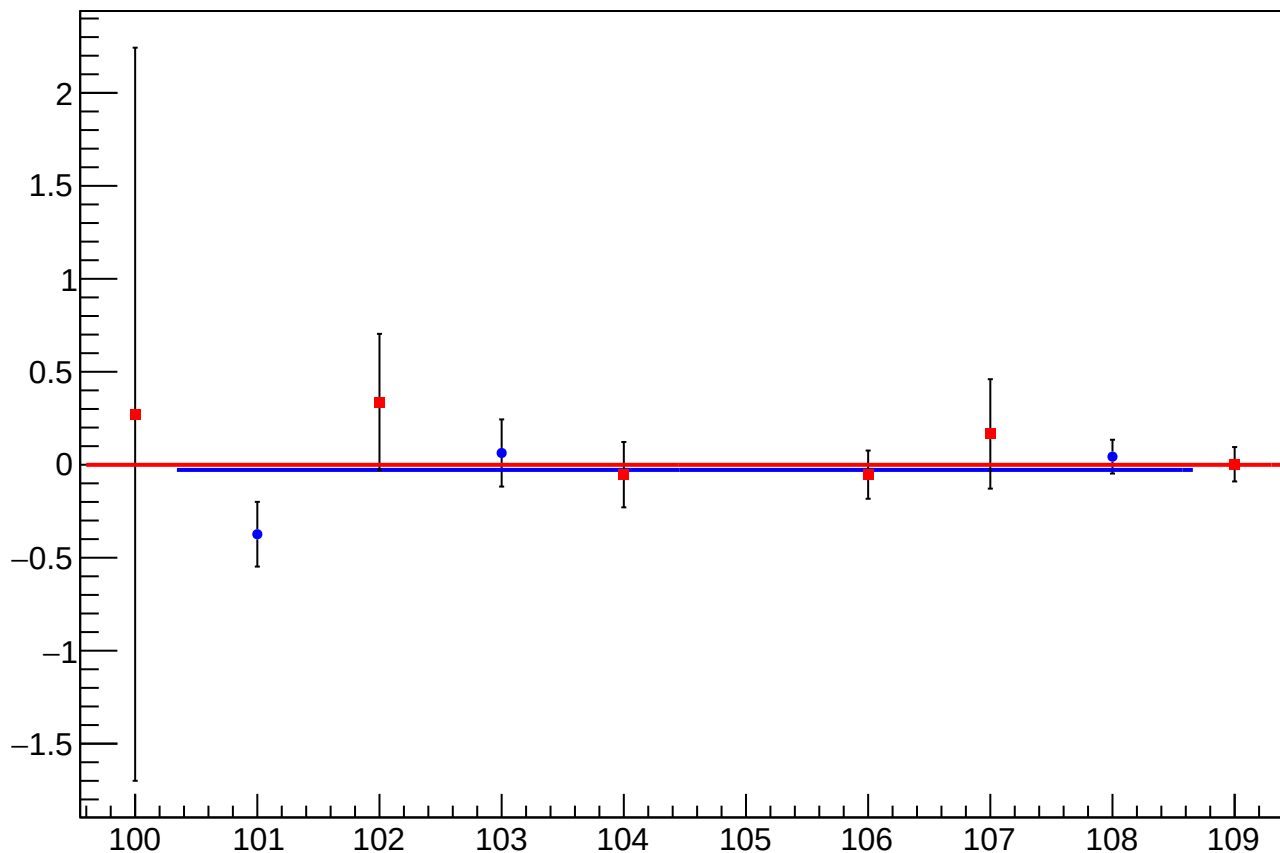
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.998+/-0.035 χ^2/NDF : 1084726.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.028 $\pm$ 0.074 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.066 χ^2 /NDF: 1.4/5

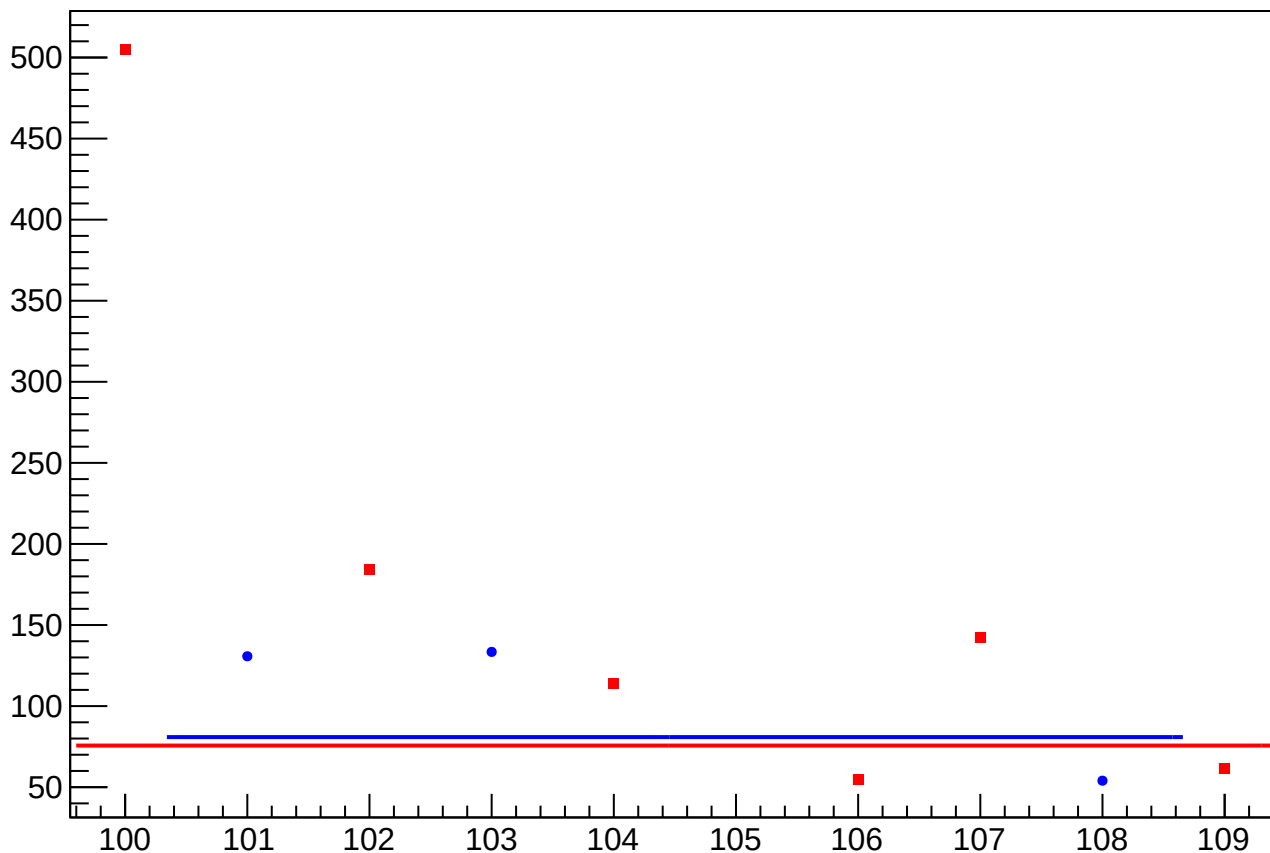
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.049 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 80.881+/-0.052 χ^2/NDF : 508451.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.663+/-0.047 χ^2/NDF : 570714.7/5

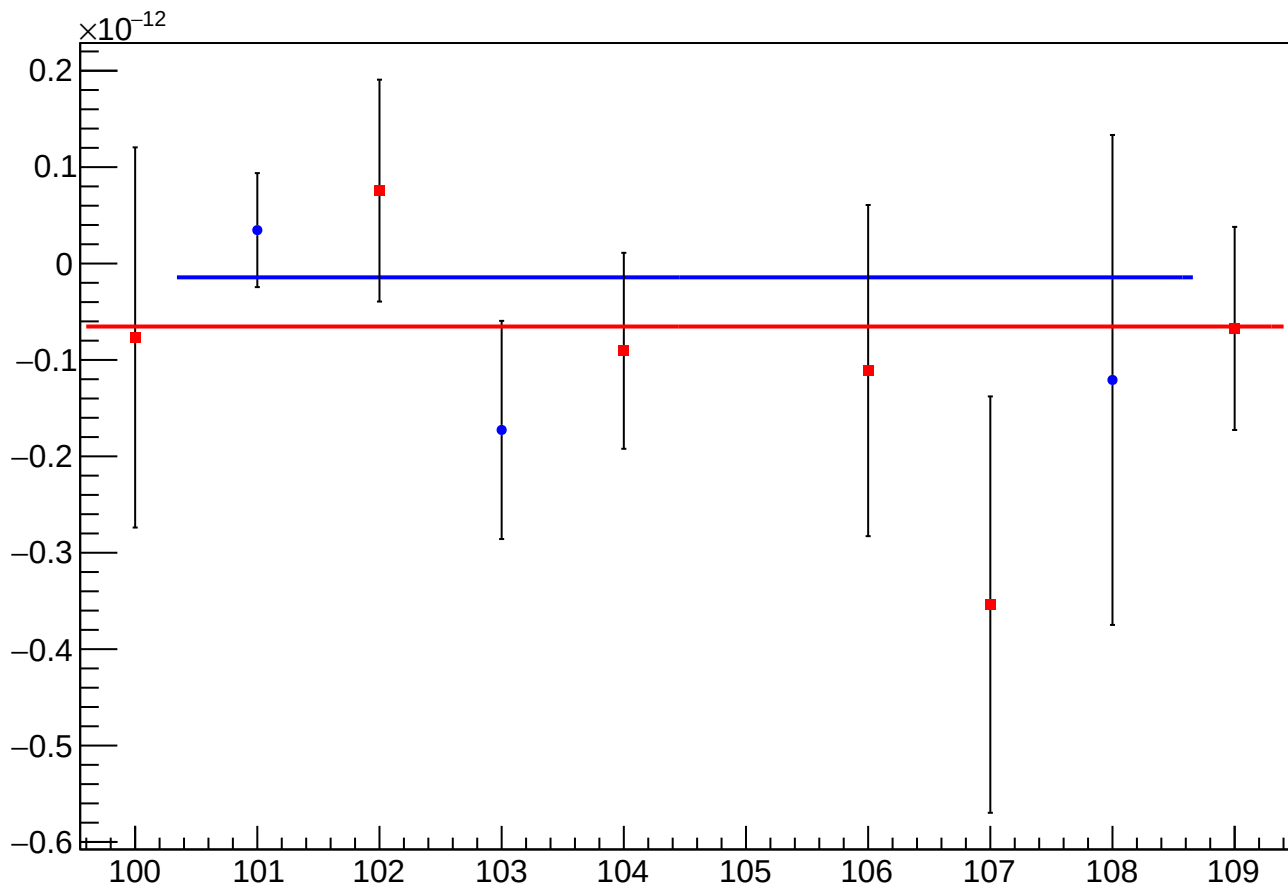
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.998+/-0.035 χ^2/NDF : 1084726.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.4/5

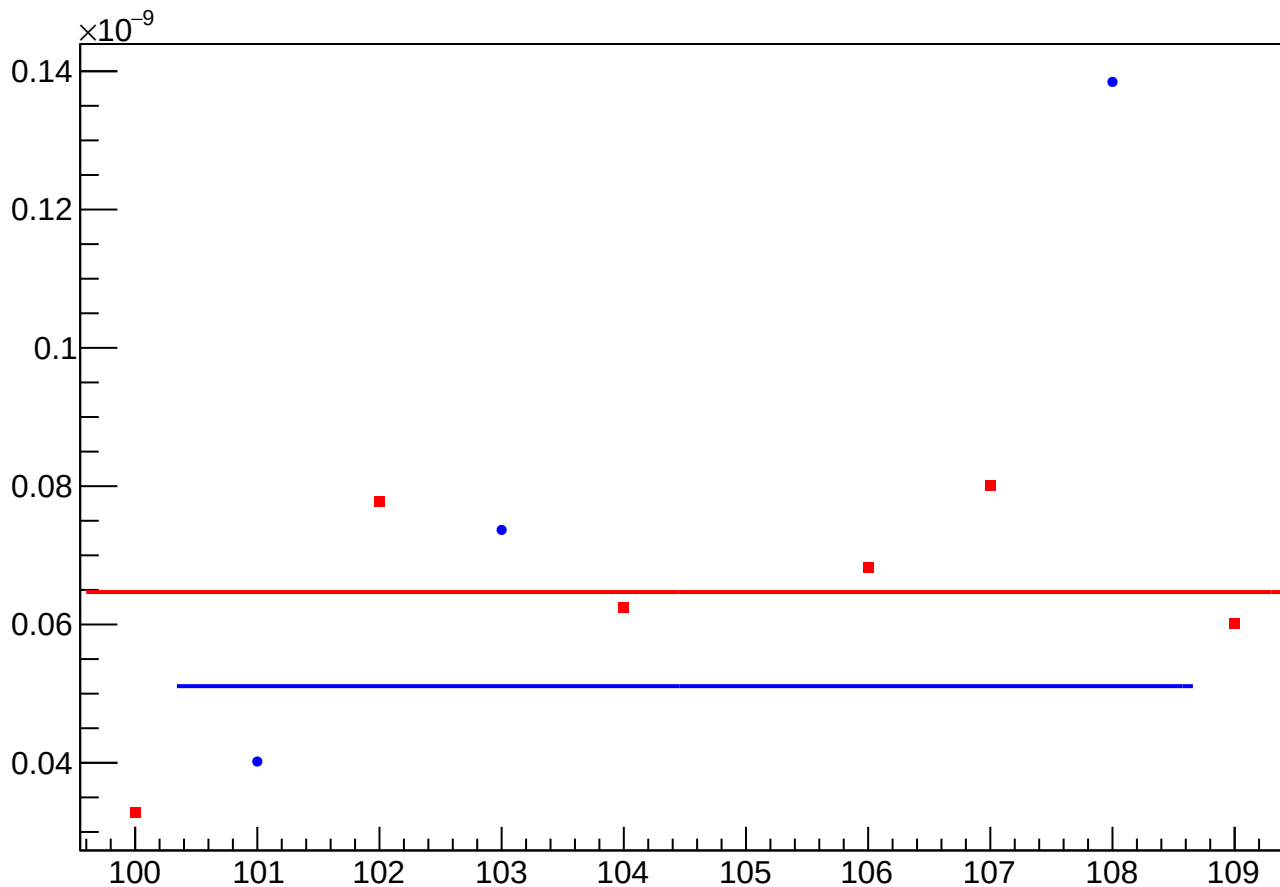
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 6.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 384098.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 94094.1/5

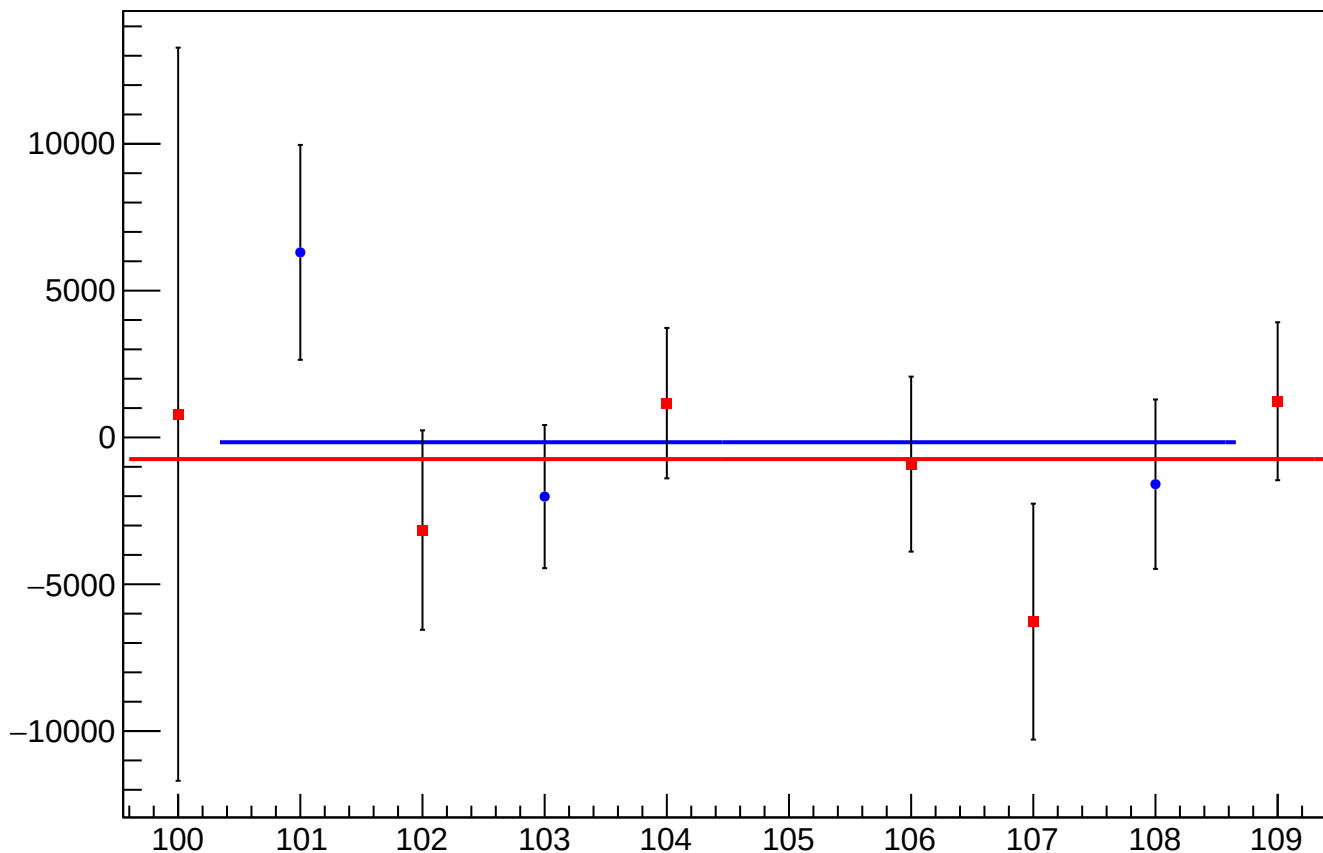
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 544974.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -162.678+/-1659.769 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -736.198+/-1338.377 χ^2/NDF : 3.5/5

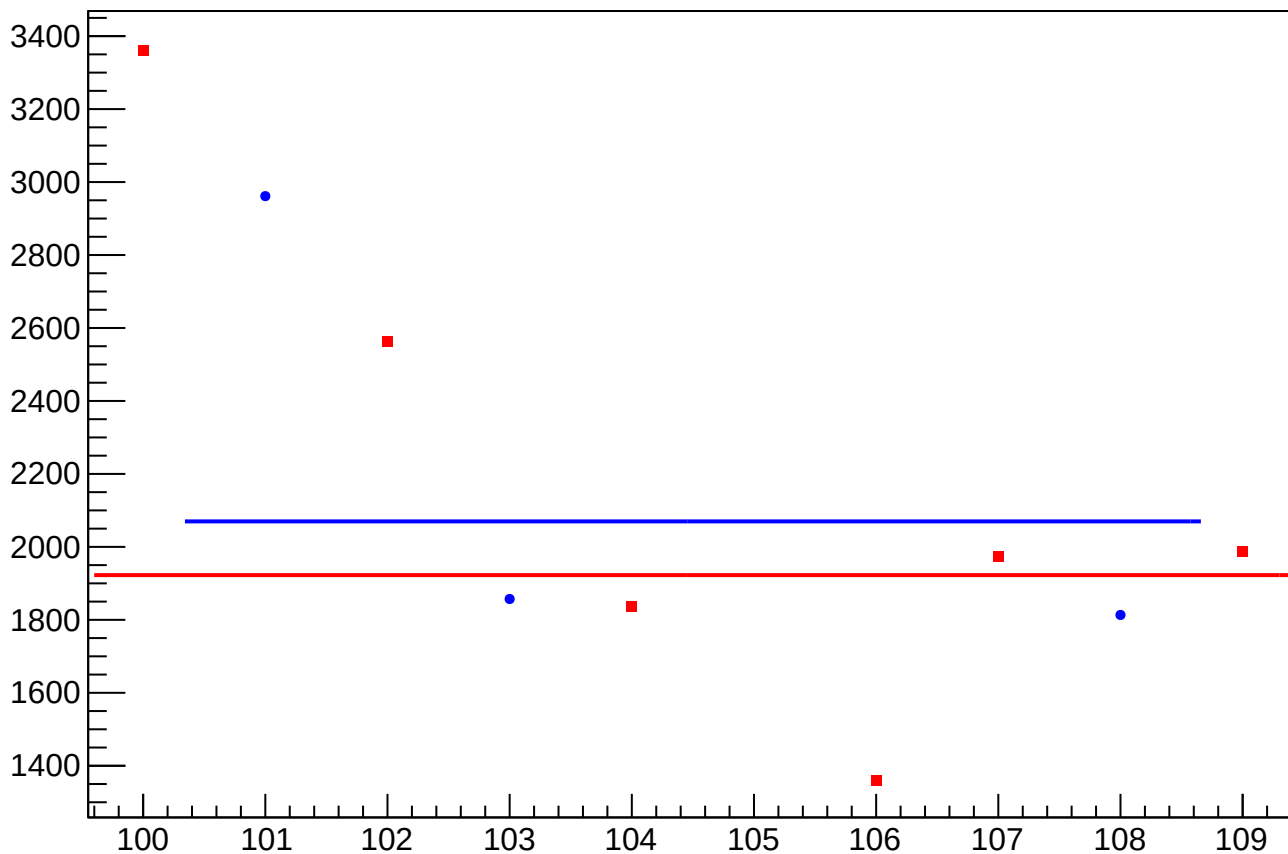
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -510.219+/-1041.855 χ^2/NDF : 7.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2069.871+/-1.174 χ^2/NDF : 149746.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1922.649+/-0.946 χ^2/NDF : 172164.0/5

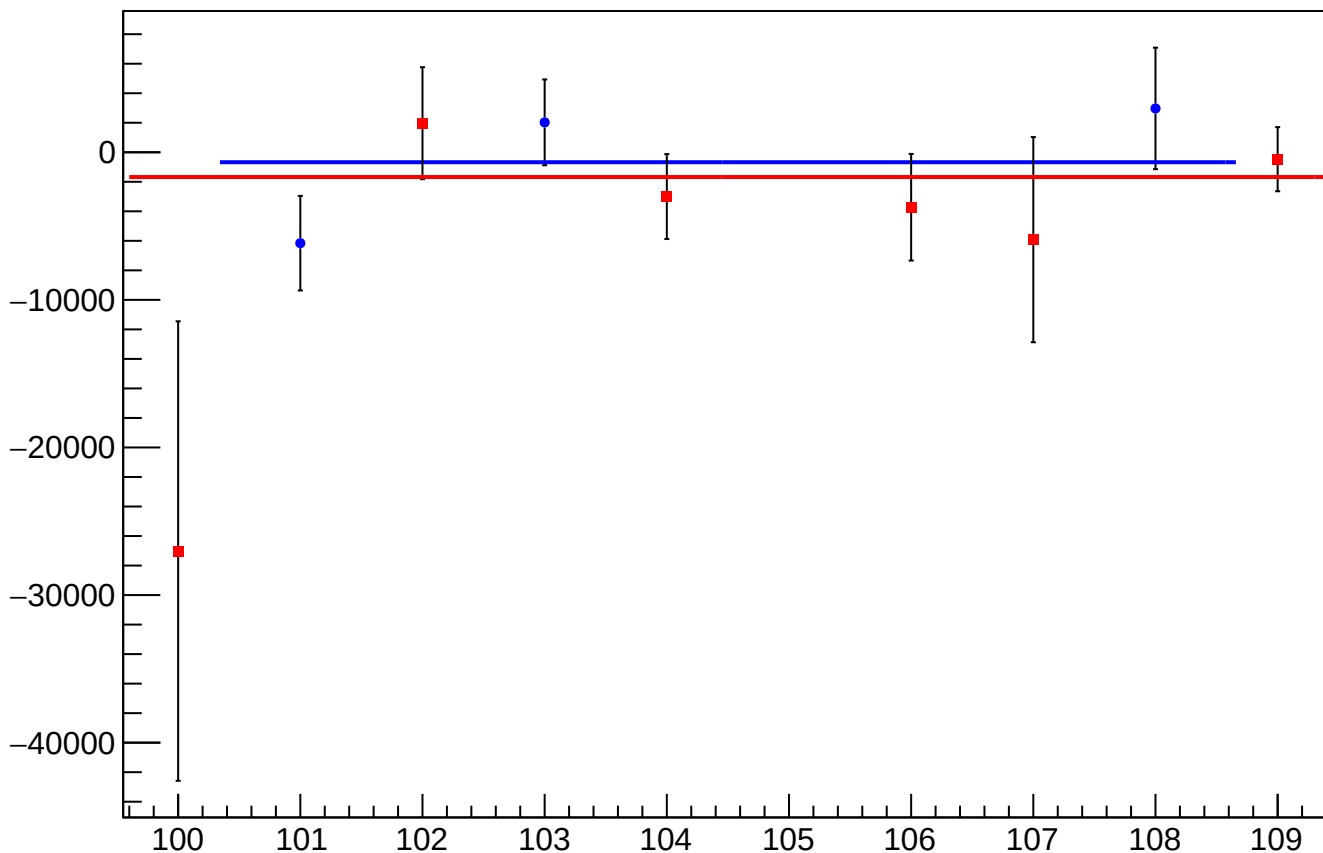
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.656+/-0.737 χ^2/NDF : 331446.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug



Right In: -673.847+/-1908.041 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1676.448+/-1408.855 χ^2/NDF : 4.8/5

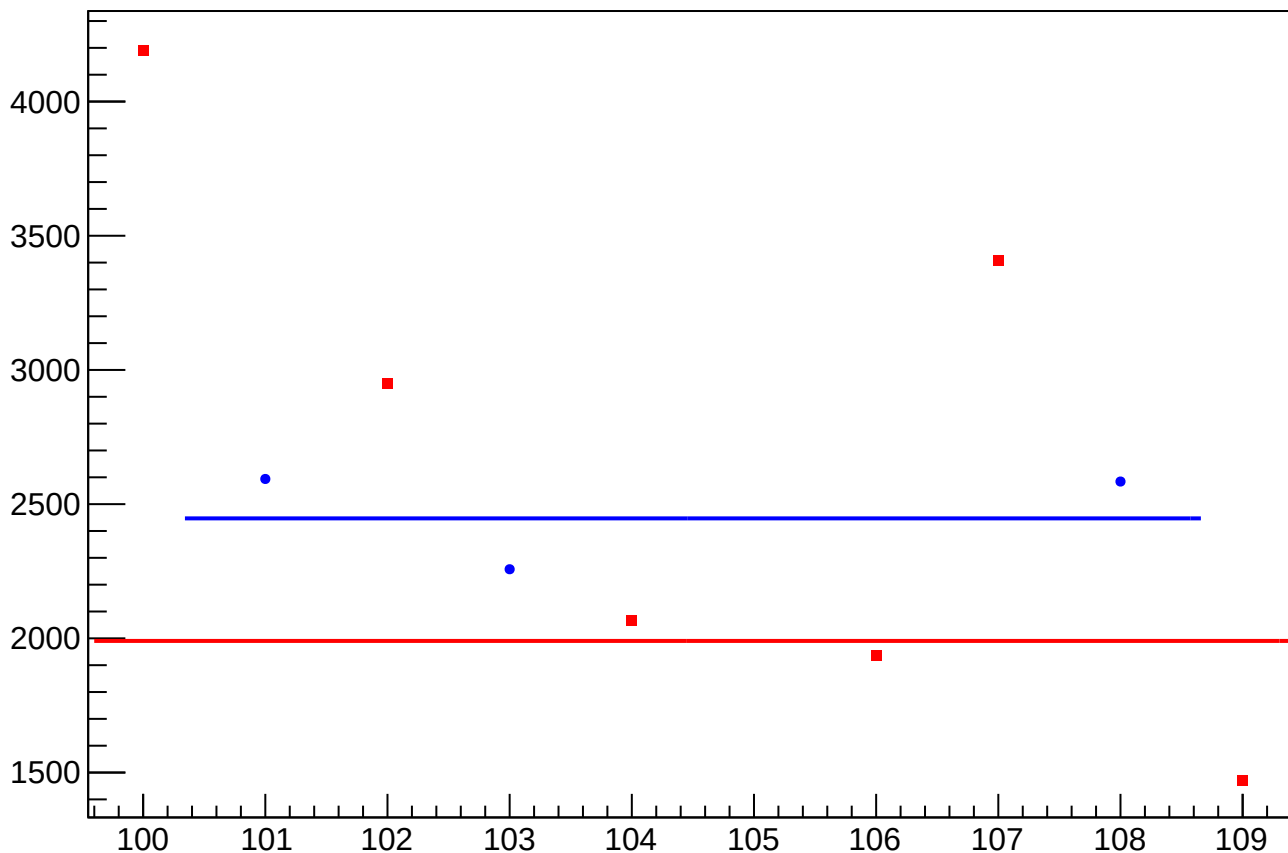
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1322.695+/-1133.375 χ^2/NDF : 9.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



Right In: 2446.971 $\pm$ 1.349 χ^2 /NDF: 14918.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1990.393 $\pm$ 0.996 χ^2 /NDF: 367547.7/5

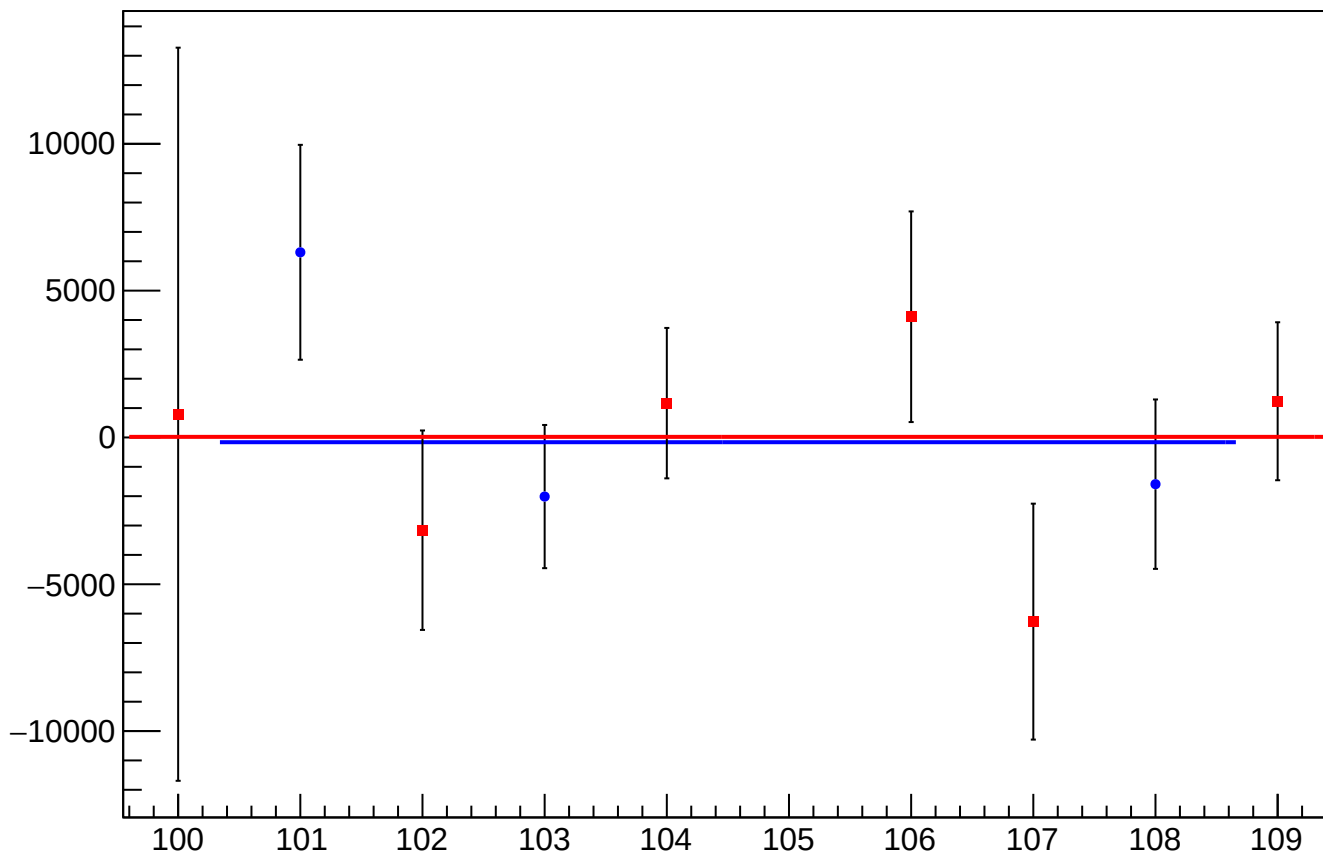
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2151.490 $\pm$ 0.801 χ^2 /NDF: 456580.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -162.109+/-1659.770 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.919+/-1382.285 χ^2/NDF : 5.0/5

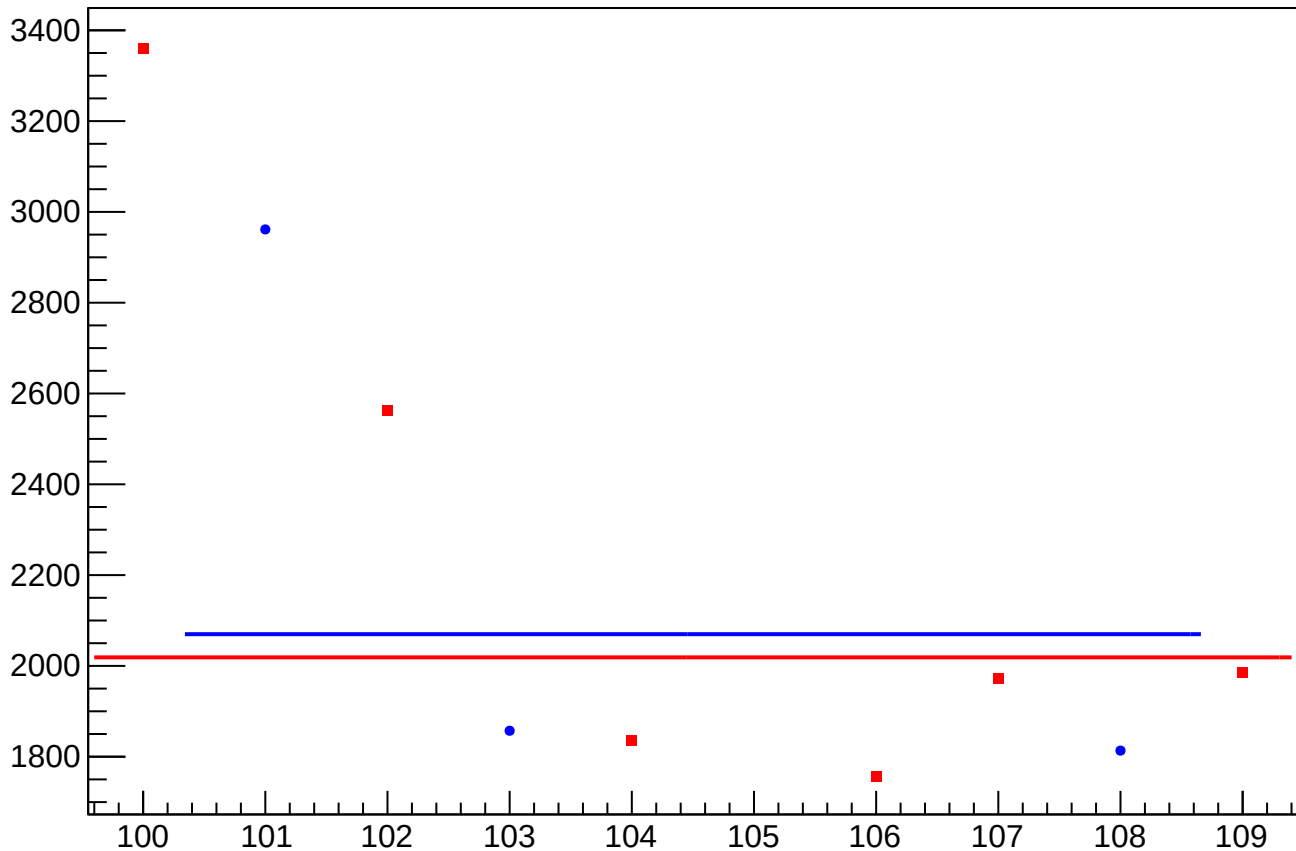
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.628+/-1062.170 χ^2/NDF : 9.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2069.870 $\pm$ 1.174 χ^2 /NDF: 149747.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2018.790 $\pm$ 0.977 χ^2 /NDF: 95724.4/5

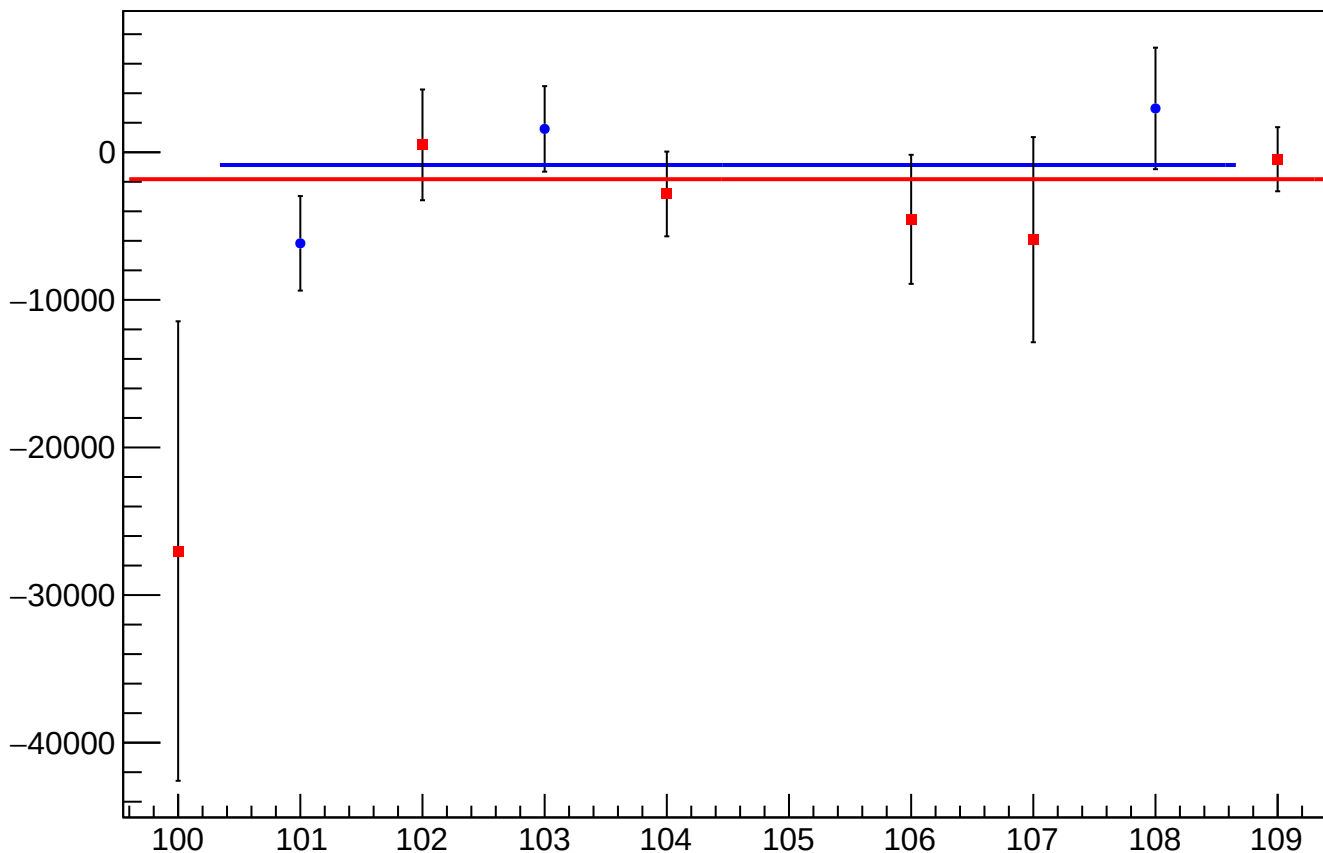
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2039.709 $\pm$ 0.751 χ^2 /NDF: 246589.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug



Right In: -862.638+/-1904.852 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1824.186+/-1440.885 χ^2/NDF : 4.2/5

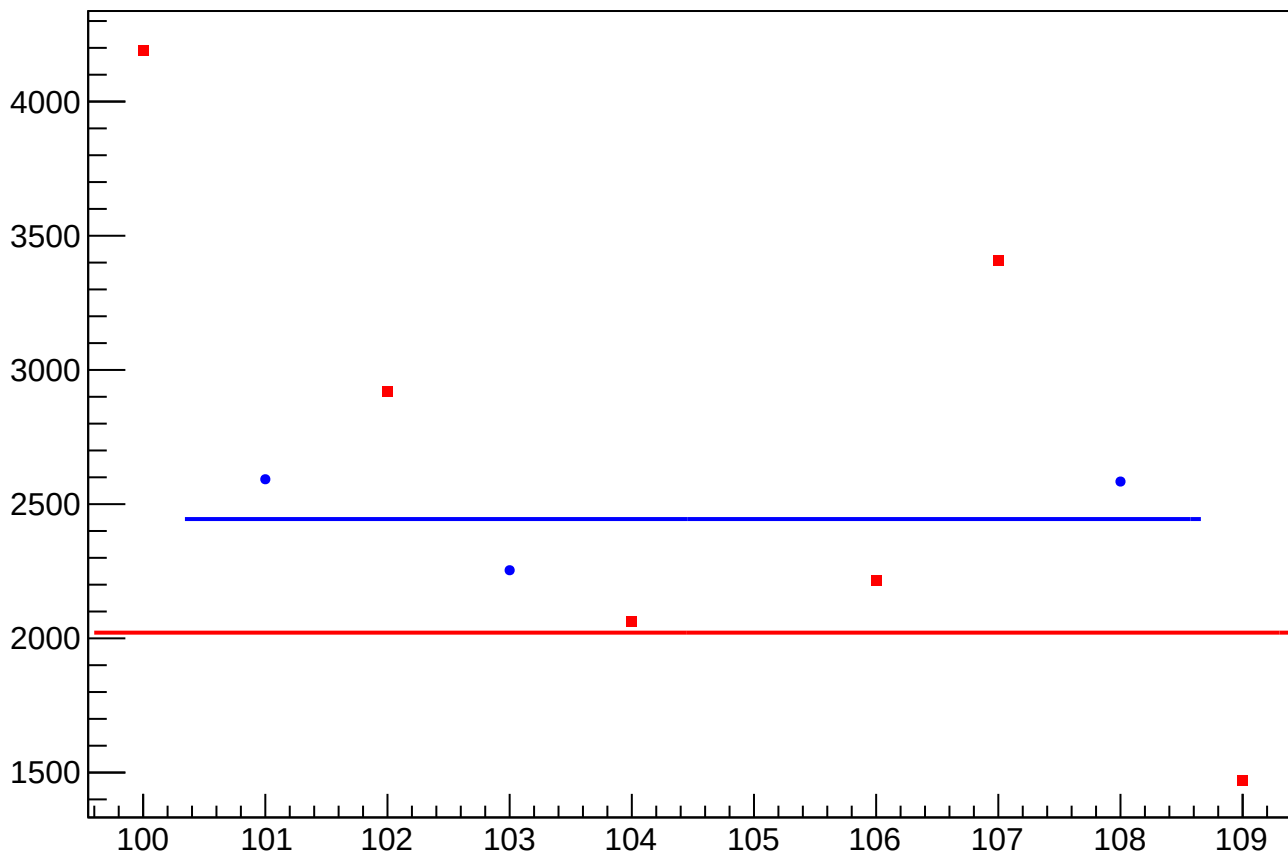
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1474.238+/-1149.152 χ^2/NDF : 8.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug



Right In: 2444.472 $\pm$ 1.347 χ^2 /NDF: 15252.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2021.250 $\pm$ 1.019 χ^2 /NDF: 366364.5/5

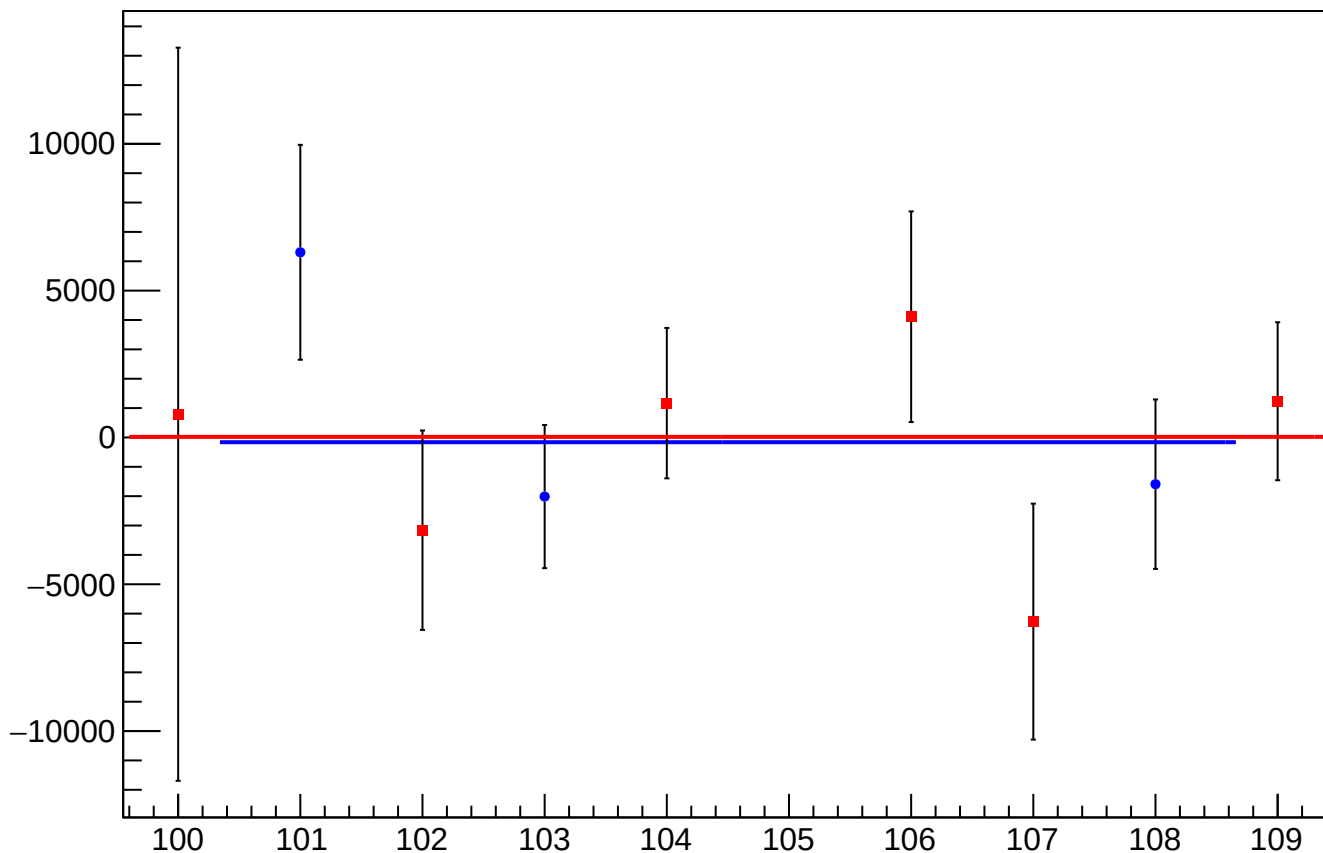
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2175.279 $\pm$ 0.813 χ^2 /NDF: 444414.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -162.109 $\pm$ 1659.770 χ^2 /NDF: 3.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.919 $\pm$ 1382.285 χ^2 /NDF: 5.0/5

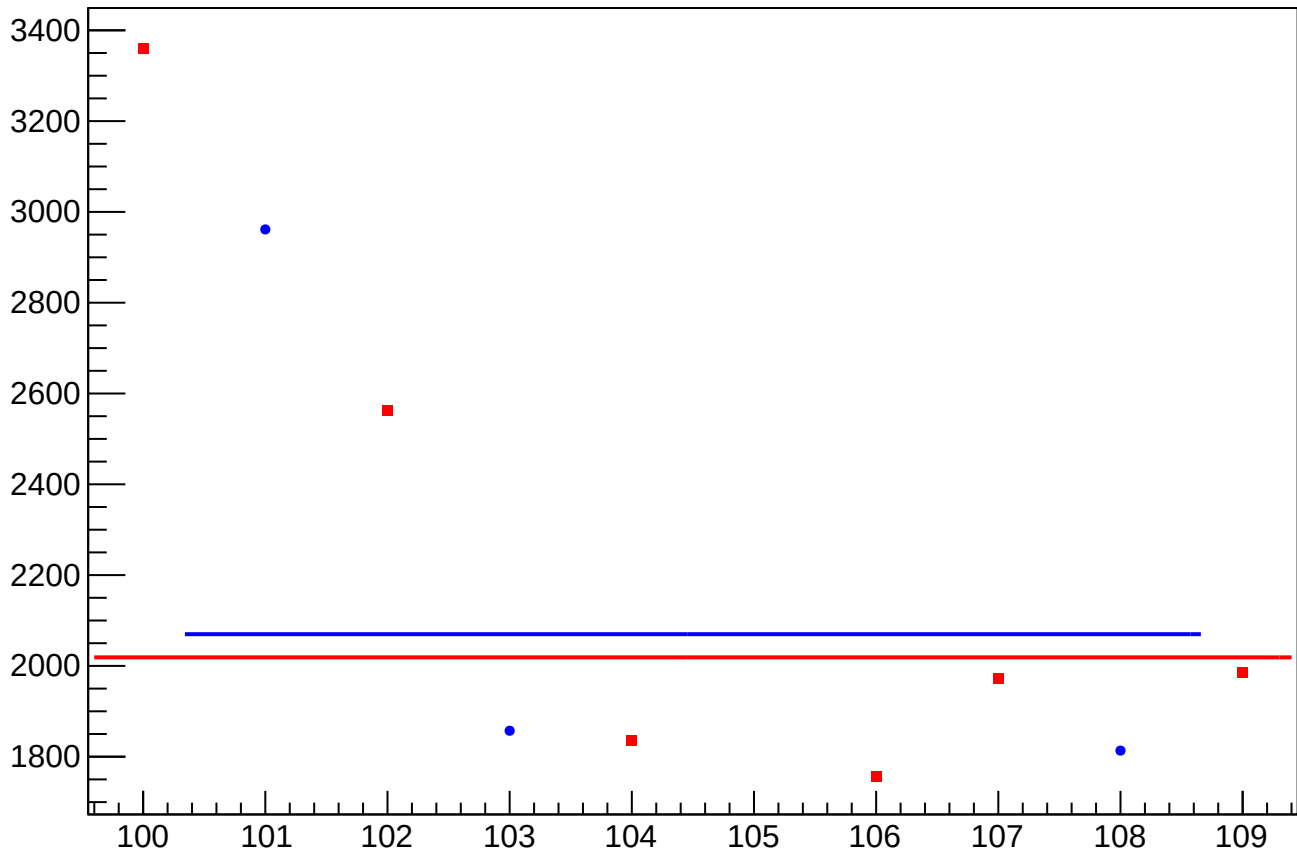
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -54.628 $\pm$ 1062.170 χ^2 /NDF: 9.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2069.870 $\pm$ 1.174 χ^2 /NDF: 149747.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2018.790 $\pm$ 0.977 χ^2 /NDF: 95724.4/5

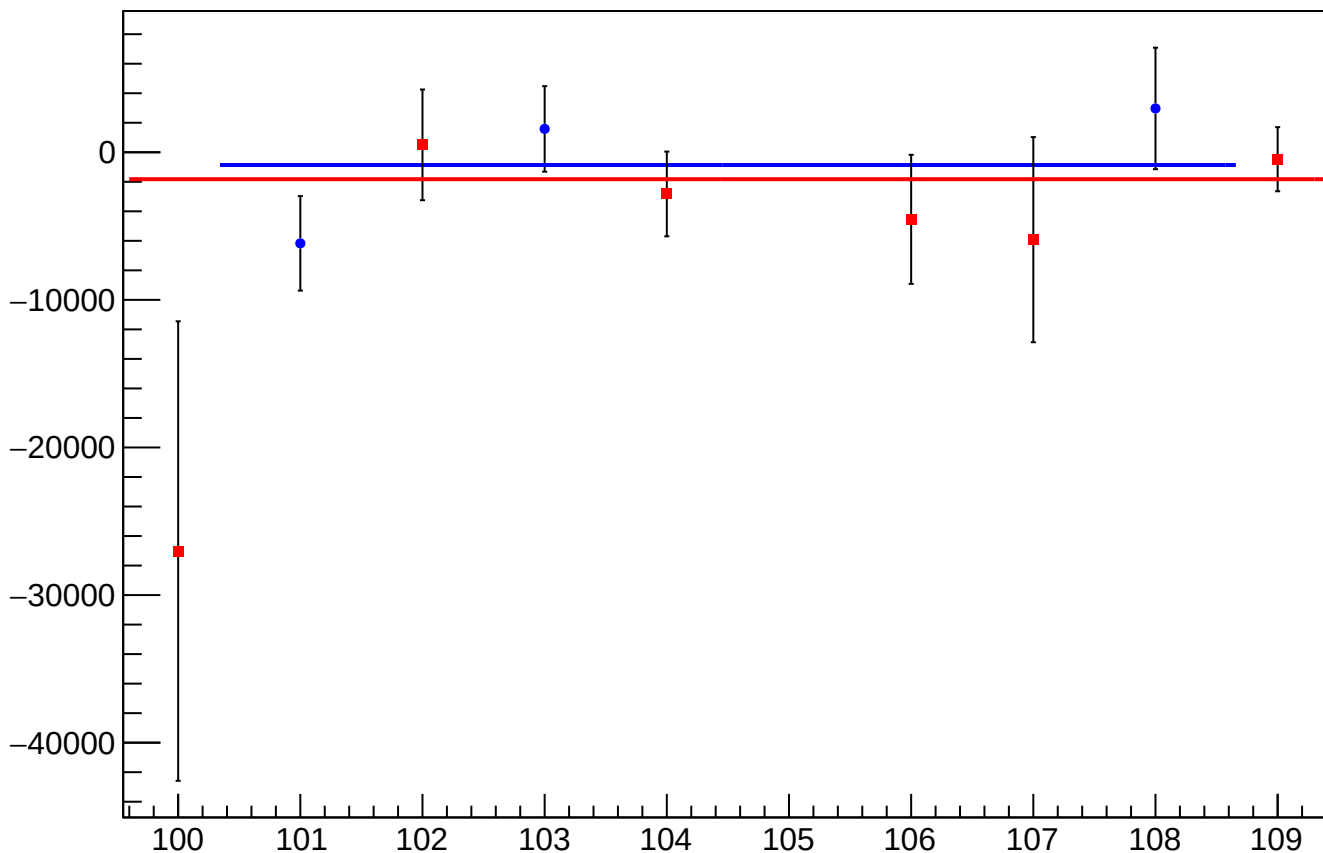
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2039.709 $\pm$ 0.751 χ^2 /NDF: 246589.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -862.638+/-1904.852 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1824.186+/-1440.885 χ^2/NDF : 4.2/5

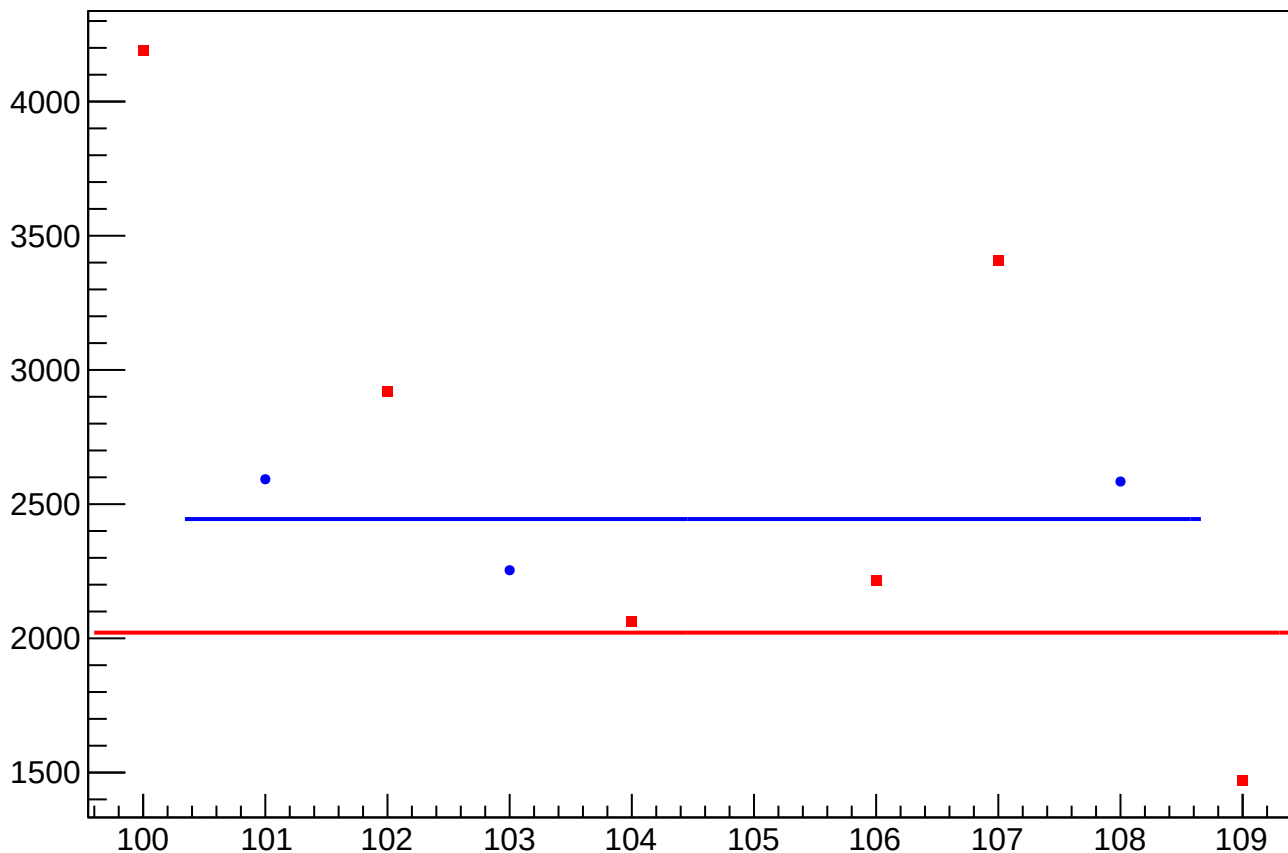
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1474.238+/-1149.152 χ^2/NDF : 8.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 2444.472 $\pm$ 1.347 χ^2 /NDF: 15252.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2021.250 $\pm$ 1.019 χ^2 /NDF: 366364.5/5

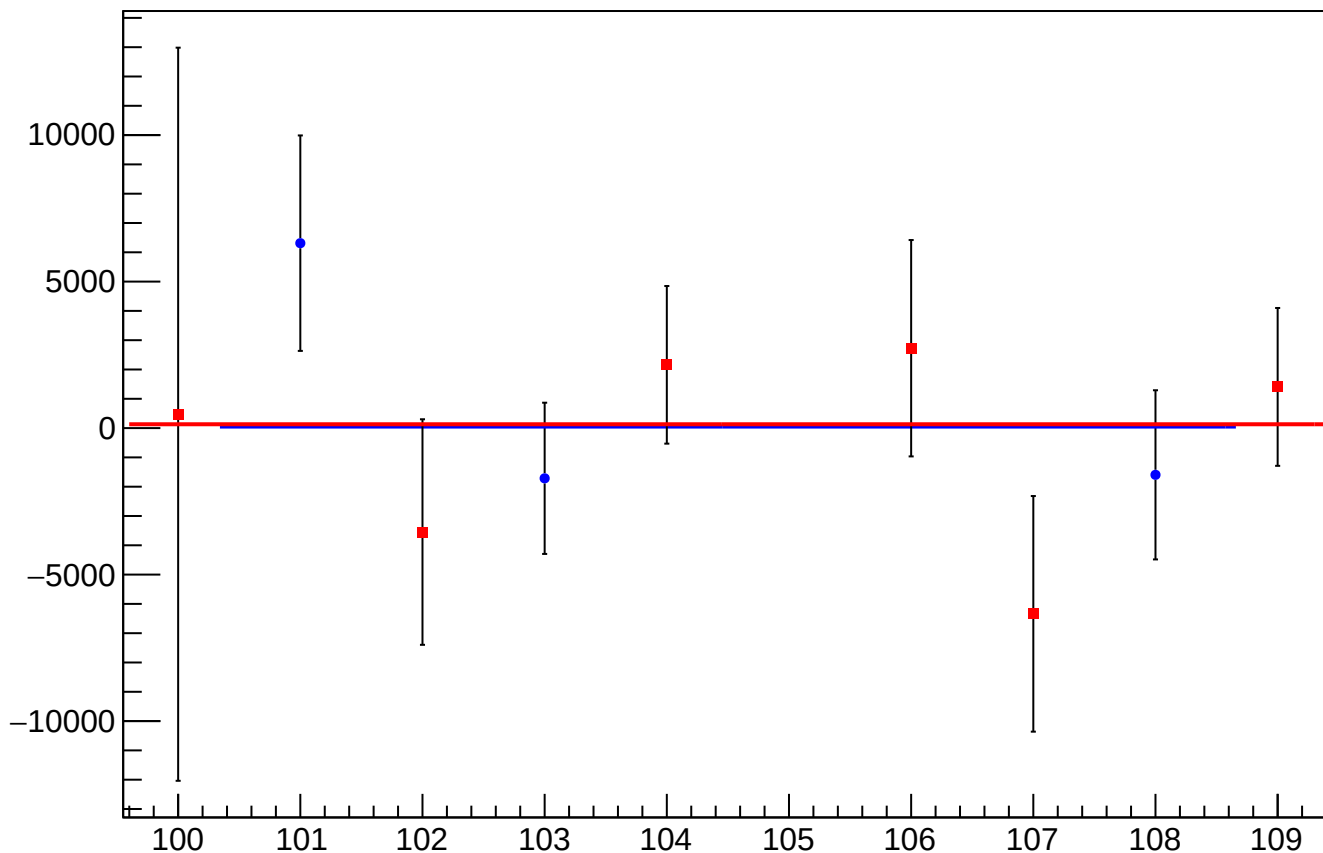
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2175.279 $\pm$ 0.813 χ^2 /NDF: 444414.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: 52.367+/-1704.723 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.838+/-1435.827 χ^2/NDF : 4.8/5

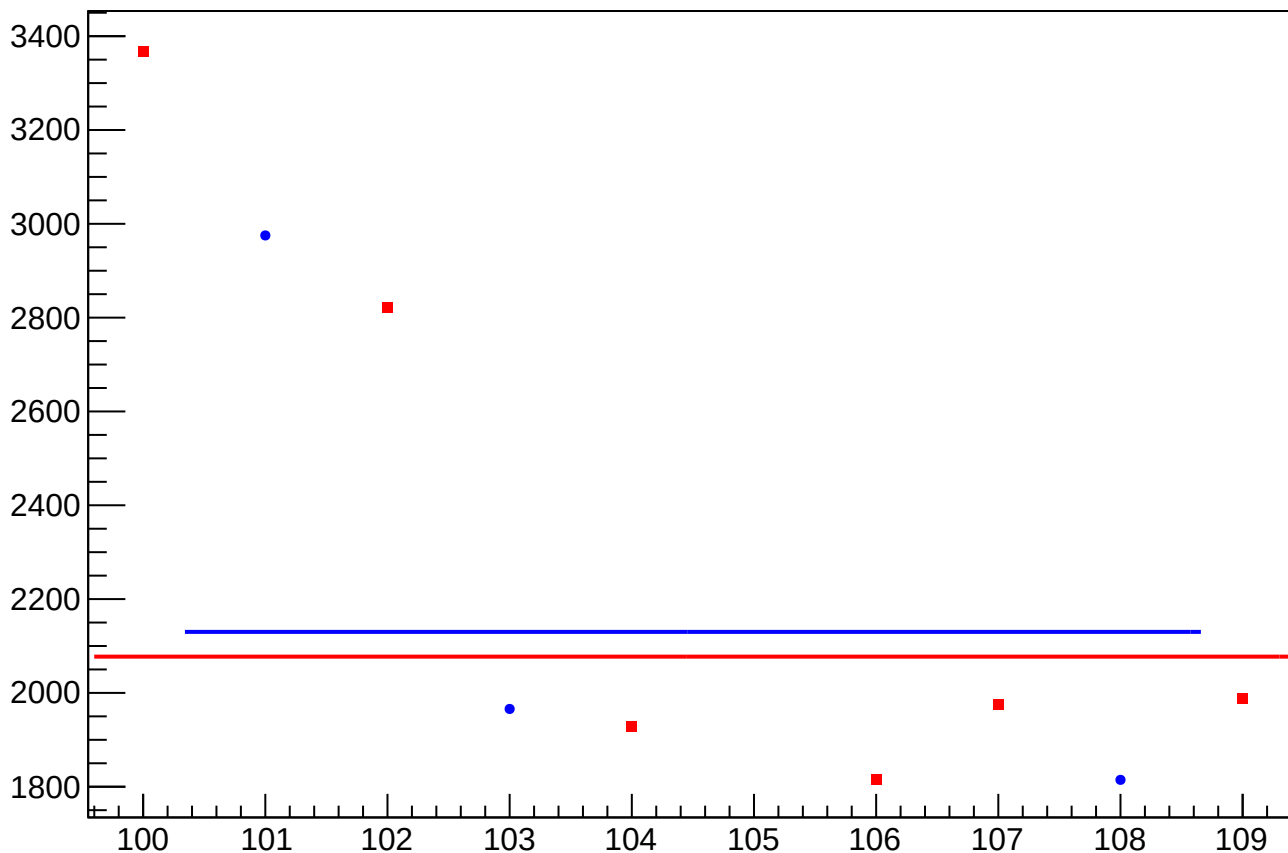
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.272+/-1098.194 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2130.097 $\pm$ 1.205 χ^2 /NDF: 137646.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2077.329 $\pm$ 1.015 χ^2 /NDF: 115625.9/5

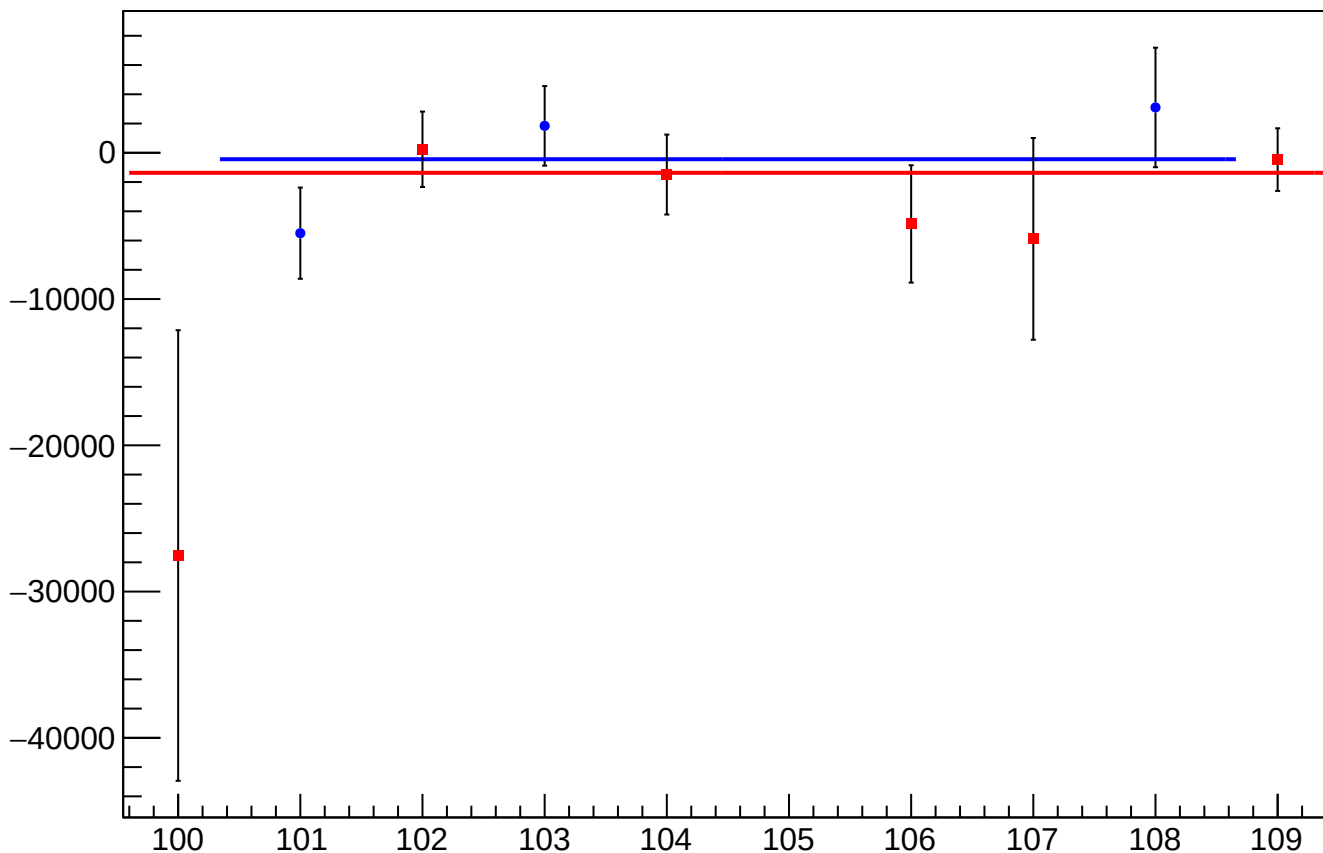
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2099.227 $\pm$ 0.777 χ^2 /NDF: 254393.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug



Right In: -439.930+/-1832.829 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1368.303+/-1302.147 χ^2/NDF : 4.6/5

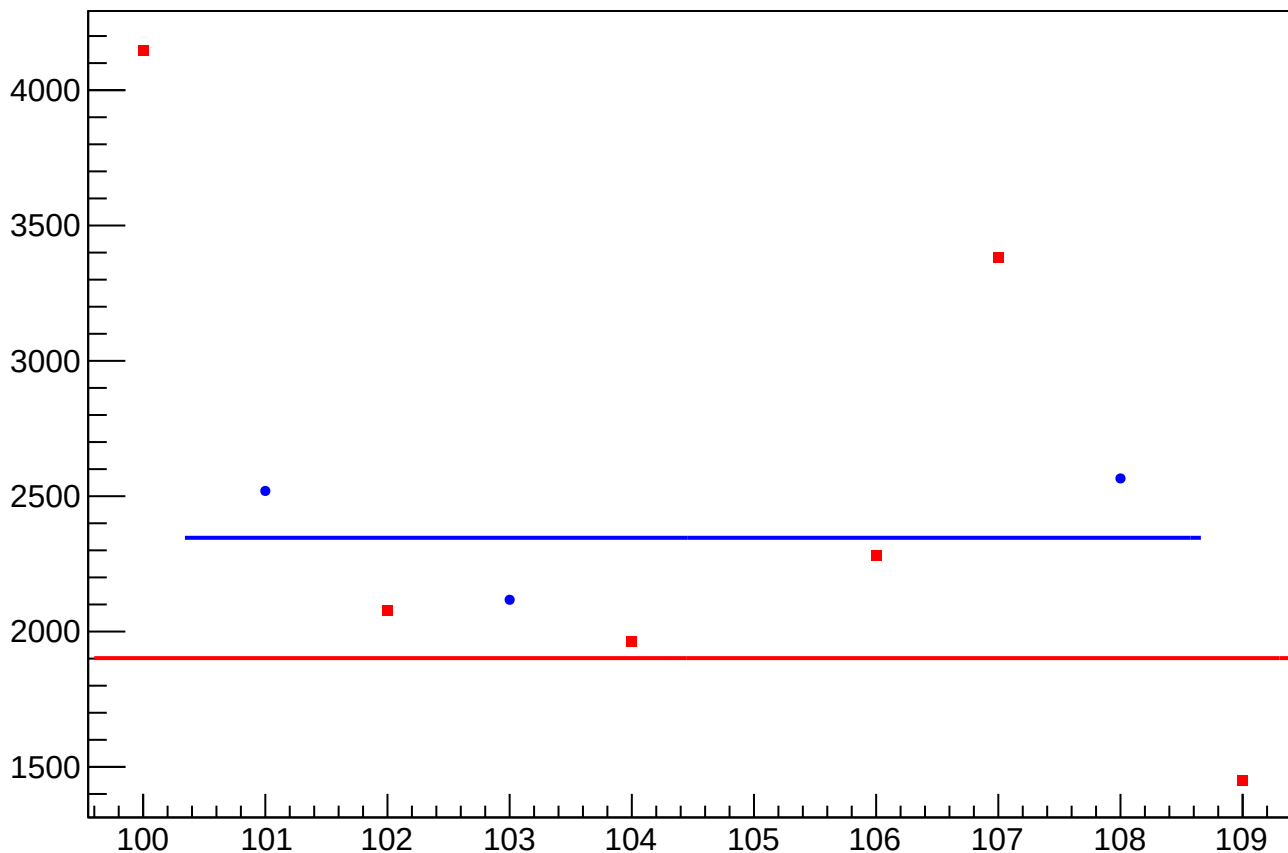
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1056.892+/-1061.519 χ^2/NDF : 8.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug



Right In: 2346.379+/-1.296 χ^2/NDF : 26073.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1901.849+/-0.921 χ^2/NDF : 251406.8/5

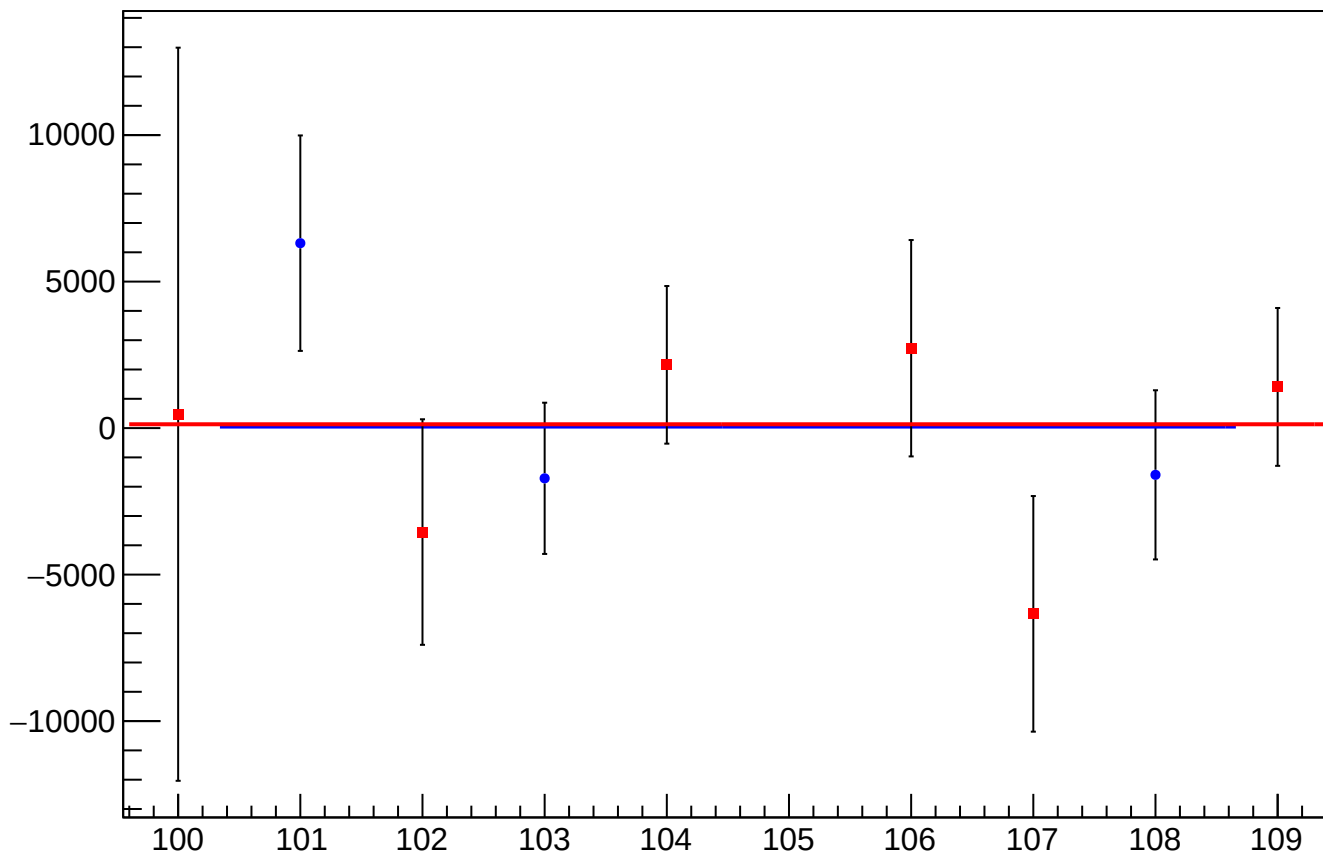
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2050.961+/-0.751 χ^2/NDF : 355665.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: 52.382 $\pm$ 1704.723 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.838 $\pm$ 1435.827 χ^2 /NDF: 4.8/5

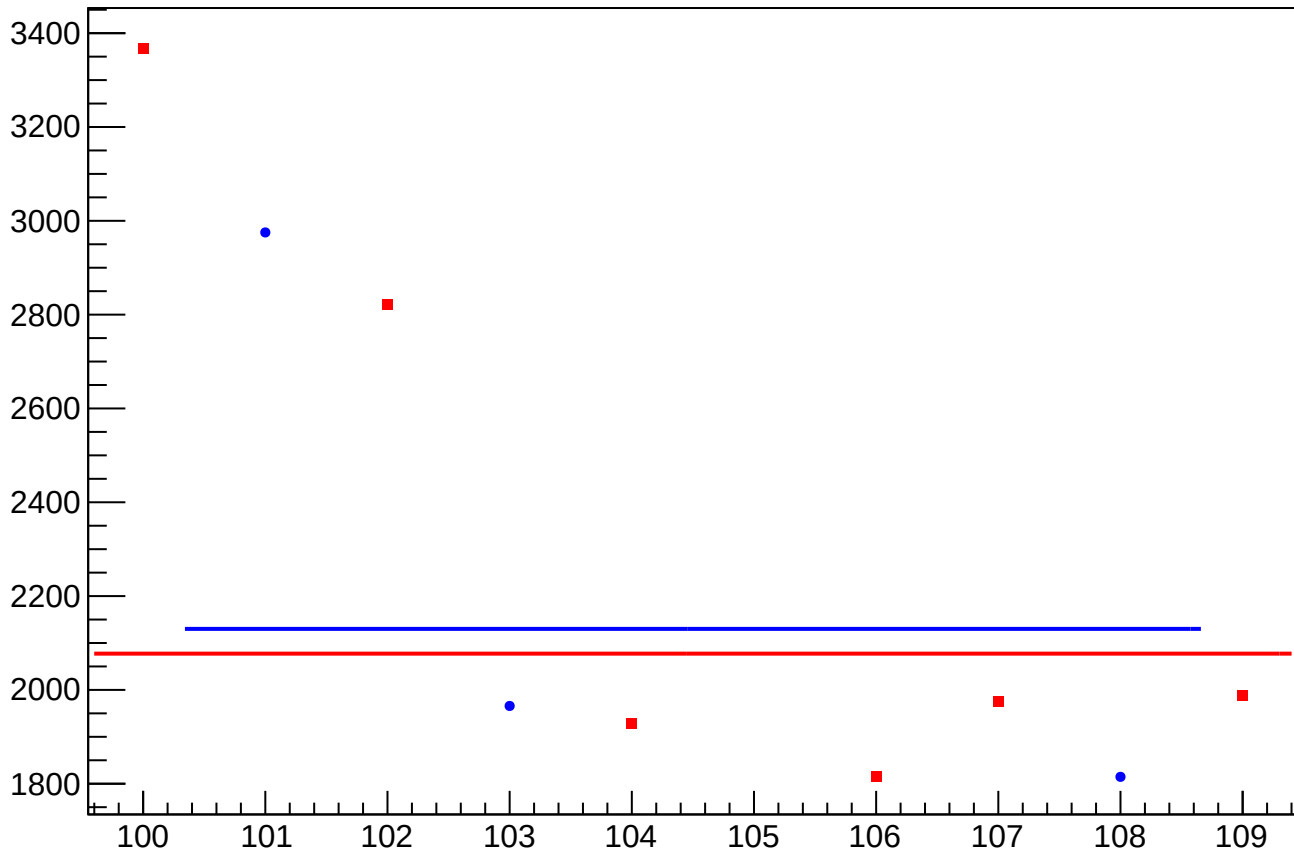
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.279 $\pm$ 1098.194 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2130.097+/-1.205 χ^2/NDF : 137646.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.329+/-1.015 χ^2/NDF : 115625.8/5

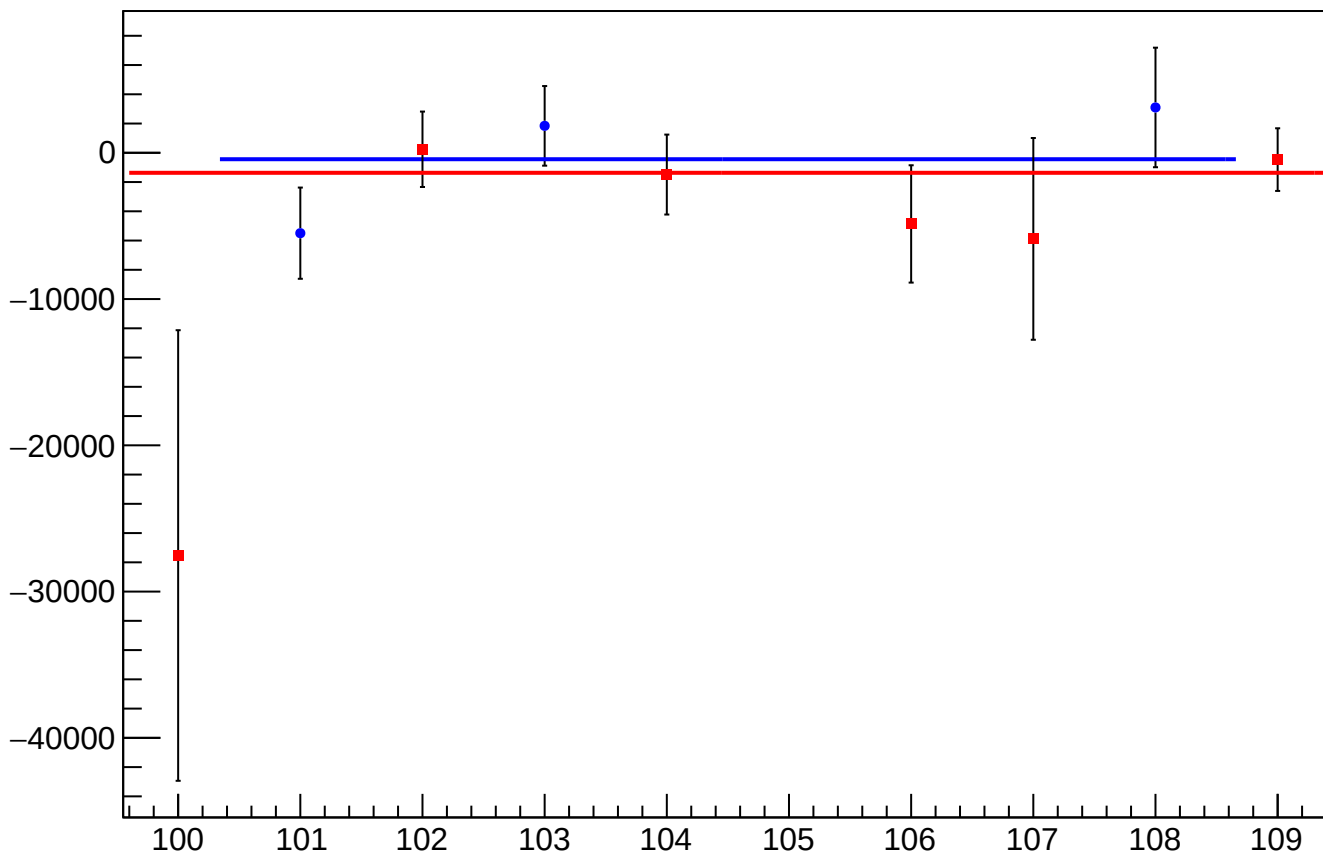
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2099.227+/-0.777 χ^2/NDF : 254393.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -439.934+/-1832.826 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1368.309+/-1302.150 χ^2/NDF : 4.6/5

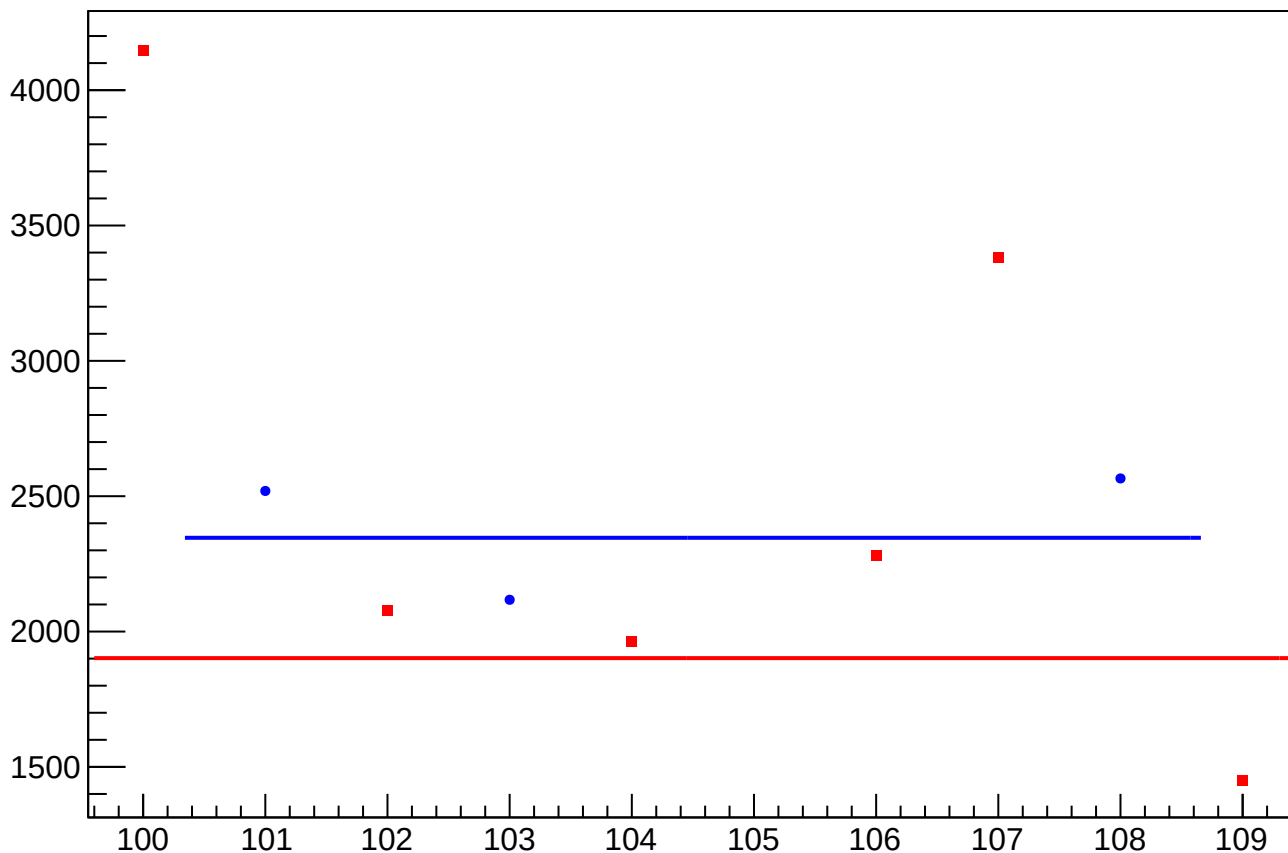
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1056.895+/-1061.520 χ^2/NDF : 8.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 2346.376 $\pm$ 1.296 χ^2 /NDF: 26071.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1901.857 $\pm$ 0.921 χ^2 /NDF: 251400.8/5

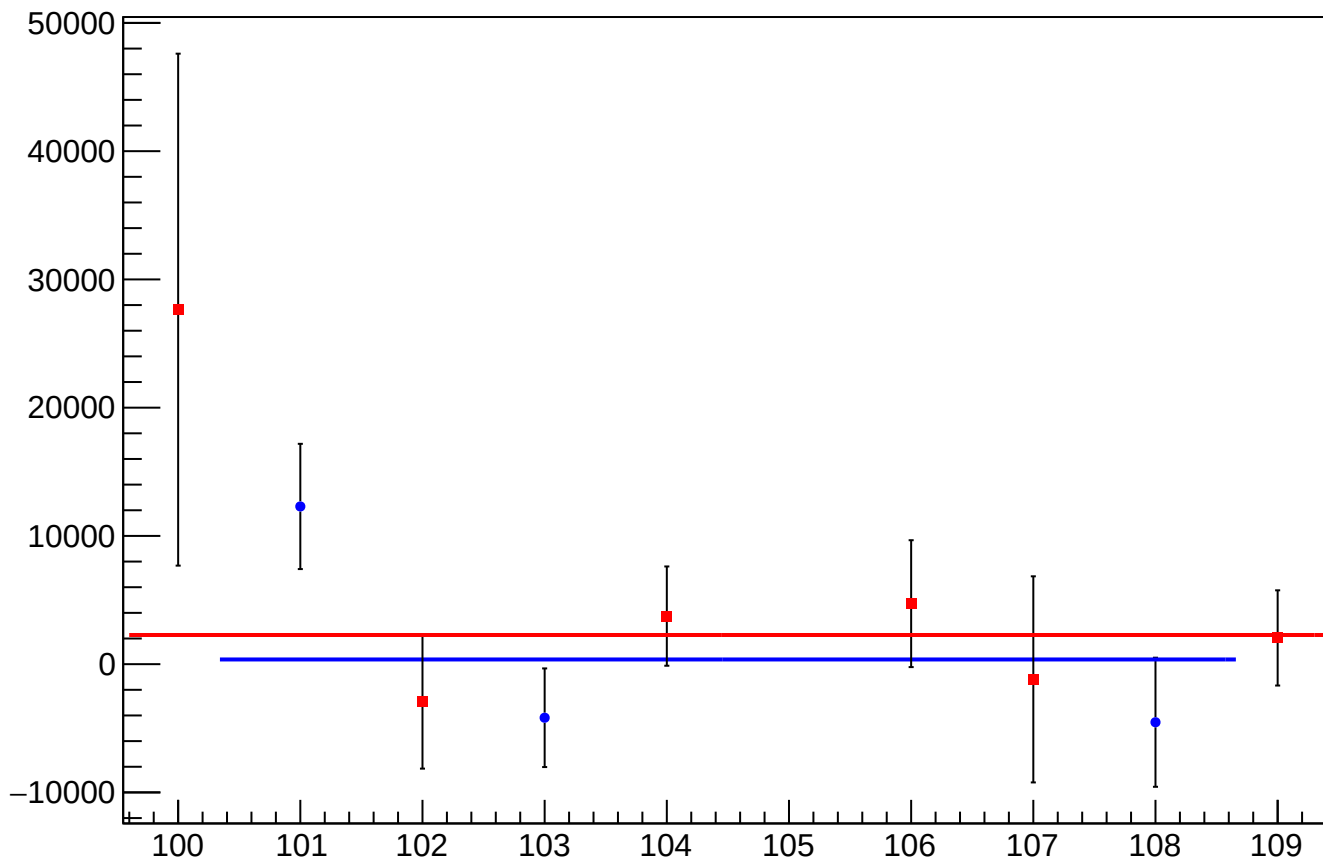
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2050.966 $\pm$ 0.751 χ^2 /NDF: 355653.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: 366.206 $\pm$ 2590.374 χ^2 /NDF: 8.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2274.353 $\pm$ 2062.924 χ^2 /NDF: 3.2/5

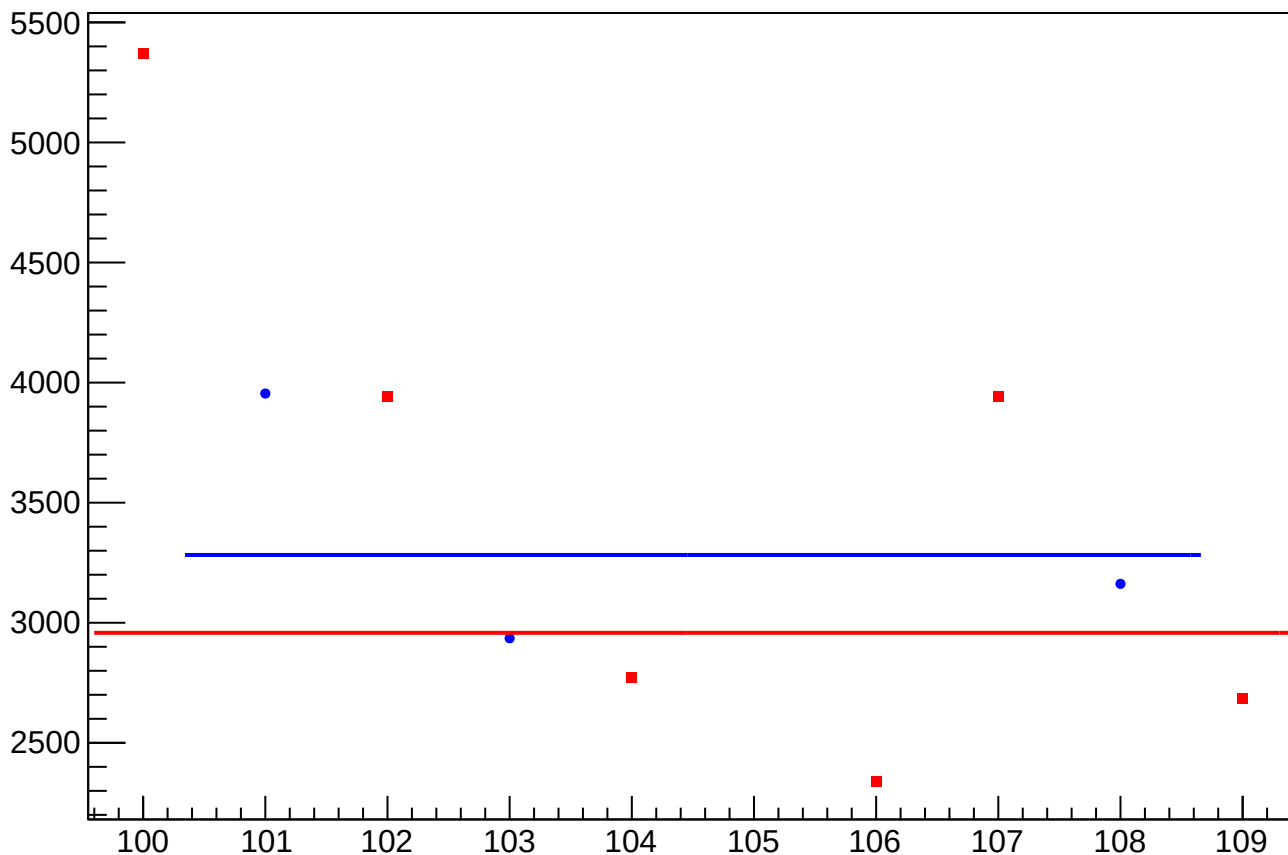
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1533.824 $\pm$ 1613.718 χ^2 /NDF: 11.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 3282.249+/-1.832 χ^2/NDF : 55314.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2958.165+/-1.459 χ^2/NDF : 177627.8/5

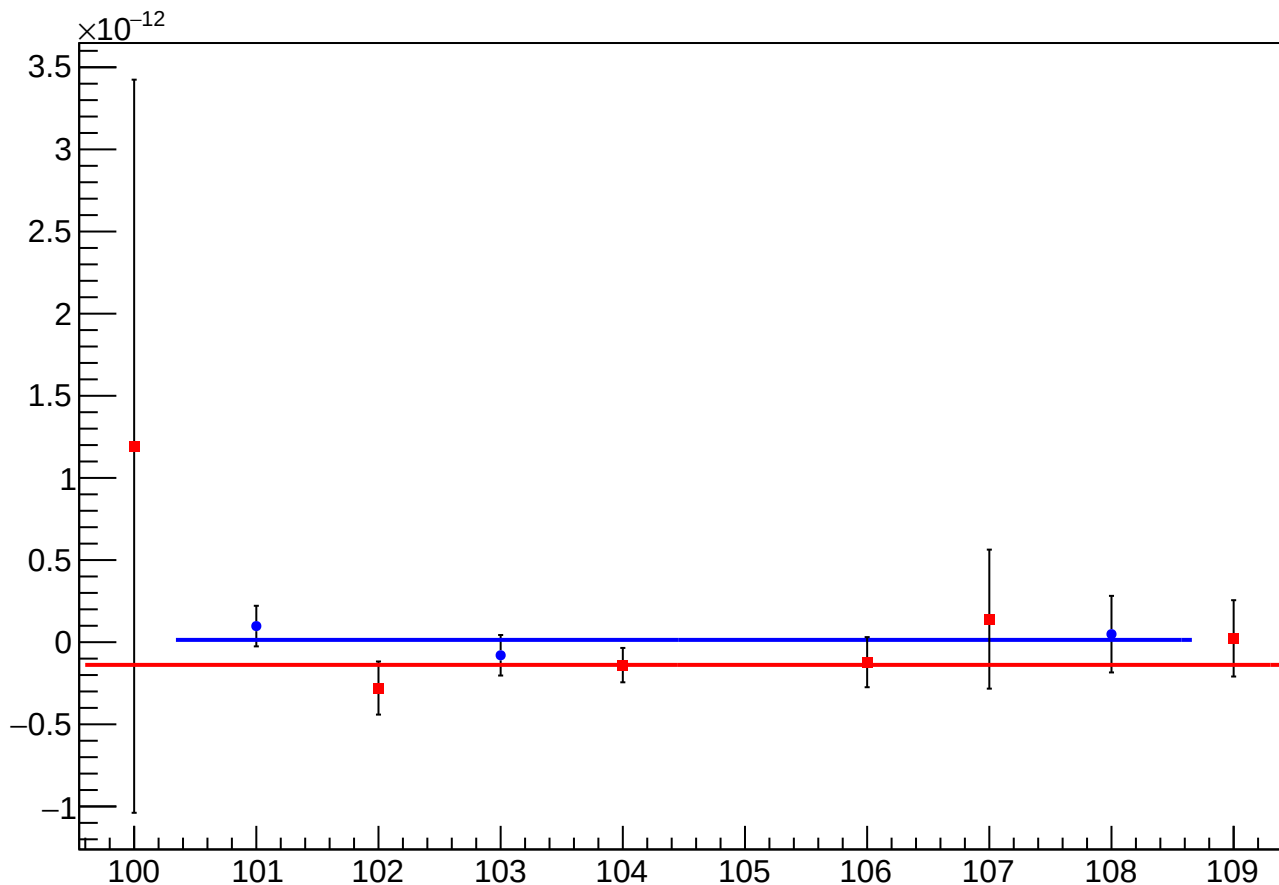
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3083.933+/-1.141 χ^2/NDF : 252099.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.0/5

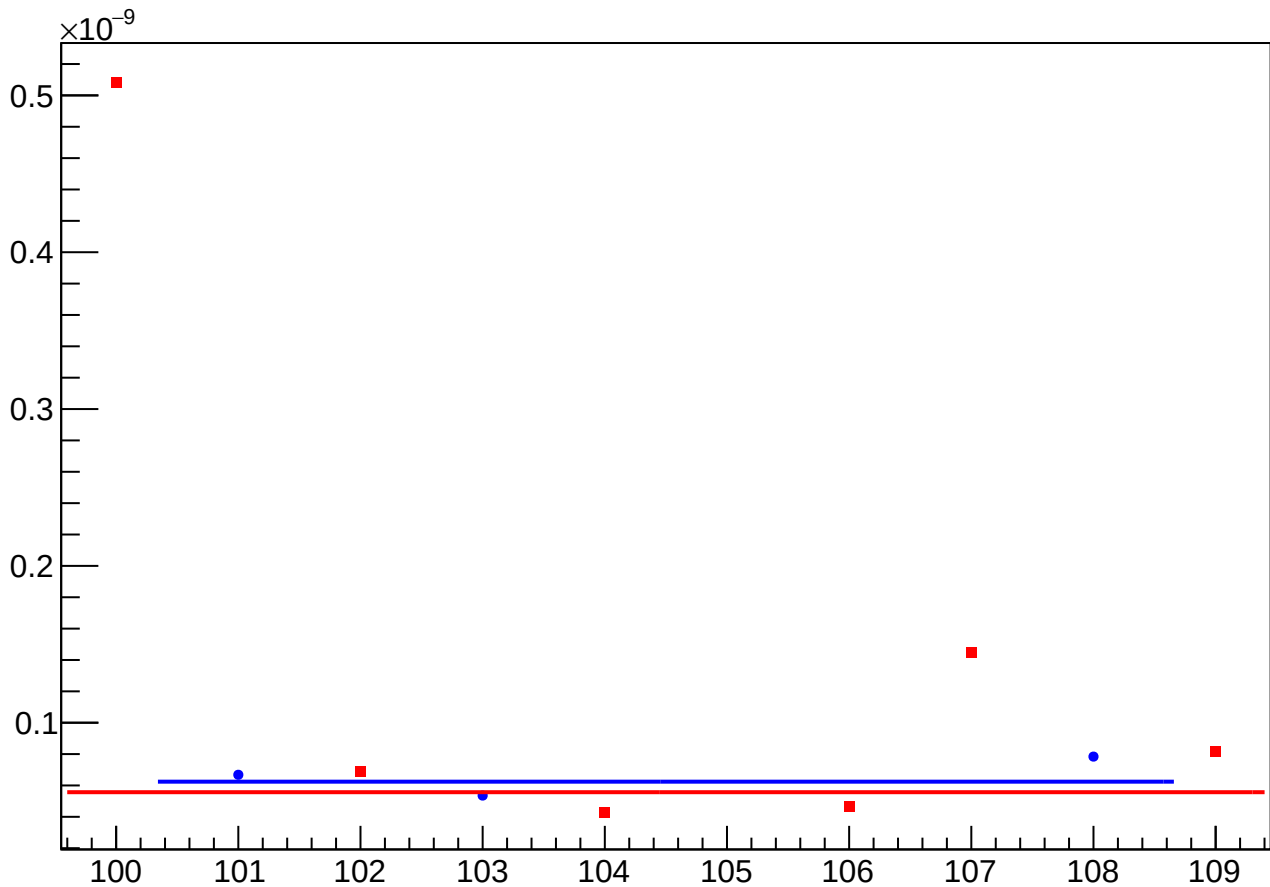
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 22252.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 248578.9/5

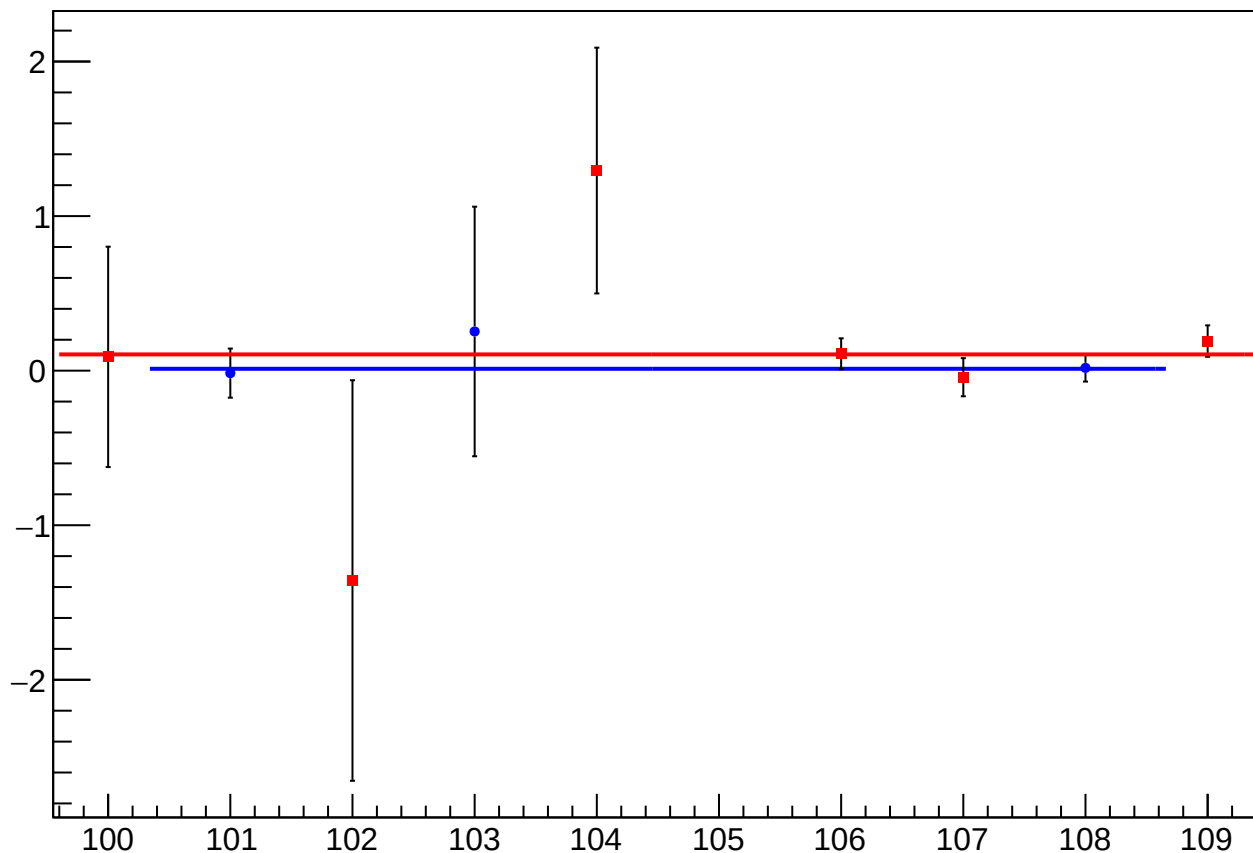
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 278498.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

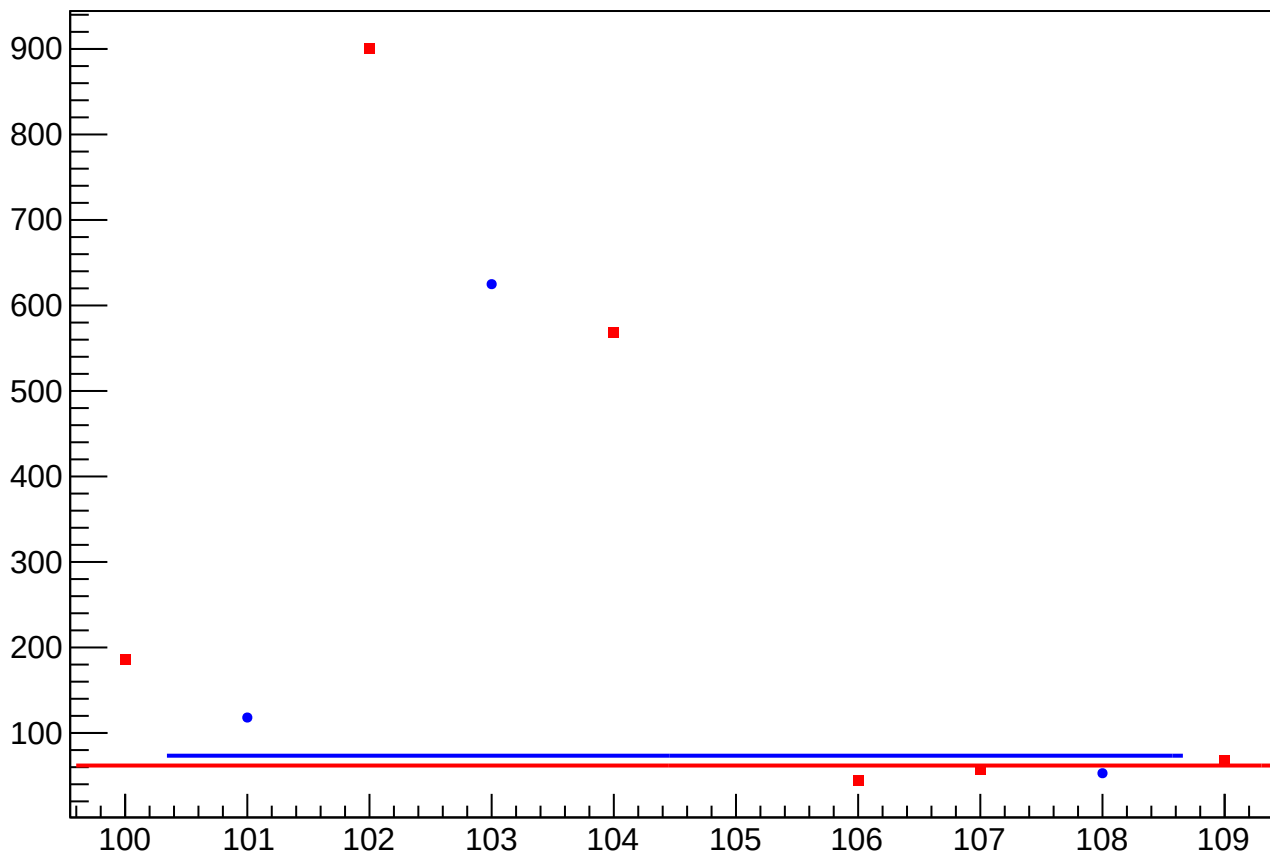
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.048 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 73.423+/-0.054 χ^2/NDF : 1197802.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785639.8/5

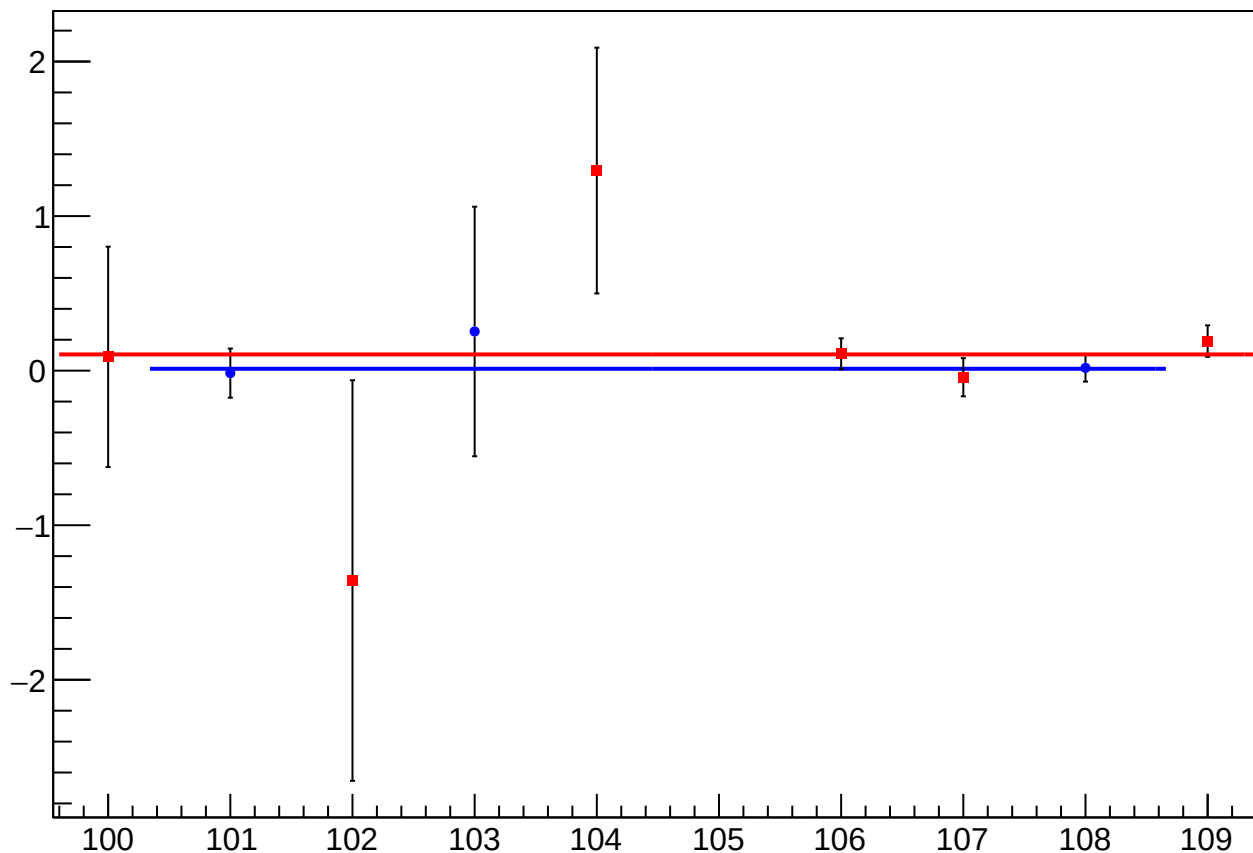
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.378+/-0.034 χ^2/NDF : 3010775.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

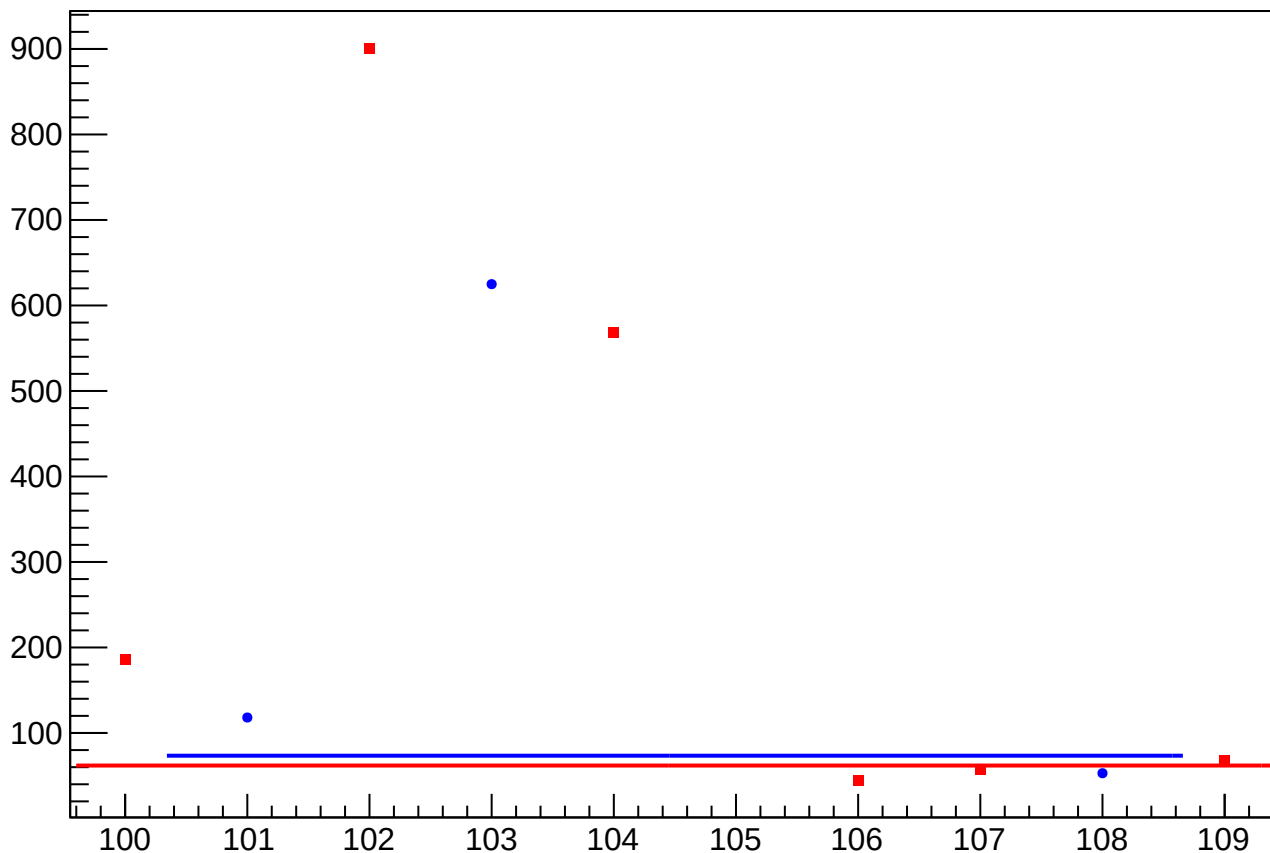
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.048 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.423+/-0.054 χ^2/NDF : 1197802.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785639.8/5

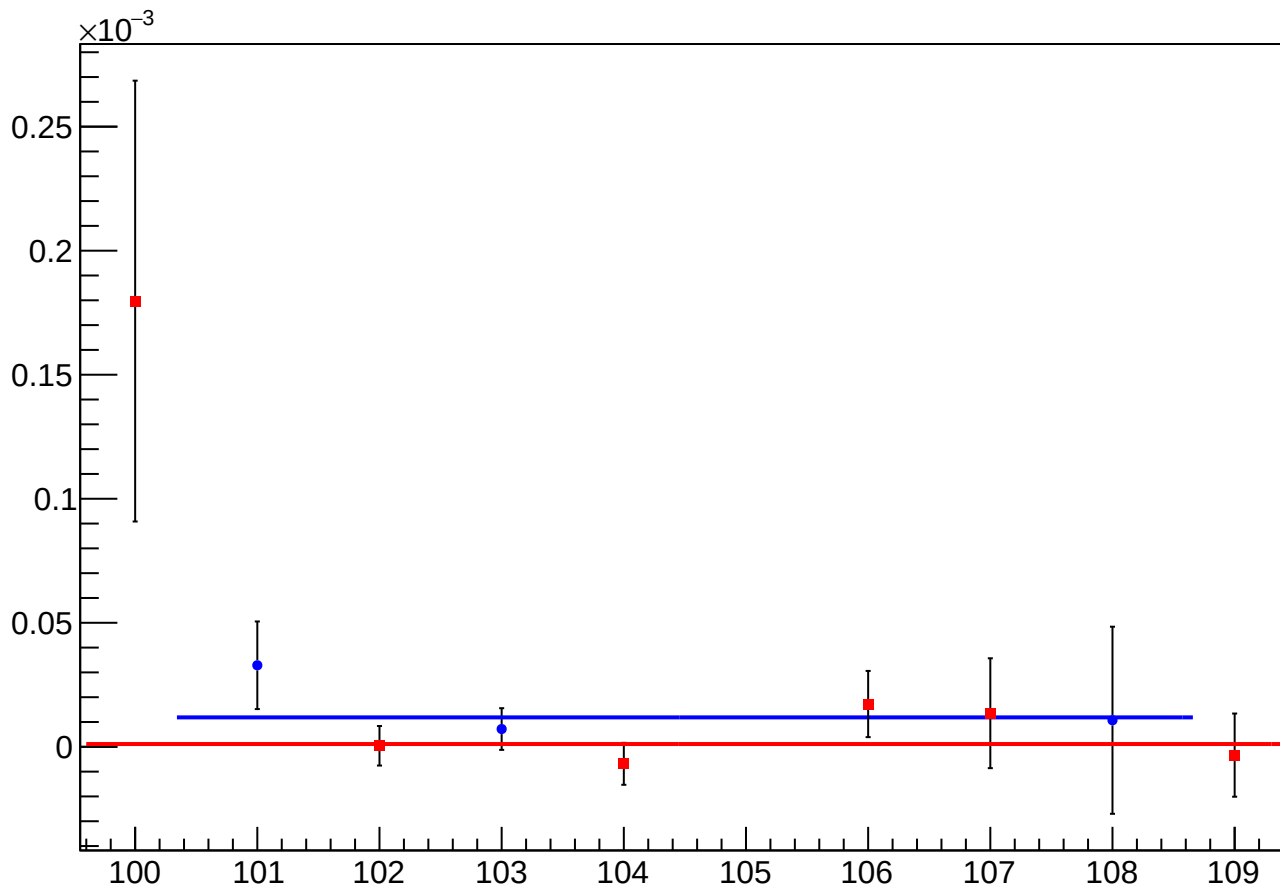
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.378+/-0.034 χ^2/NDF : 3010775.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.8/5

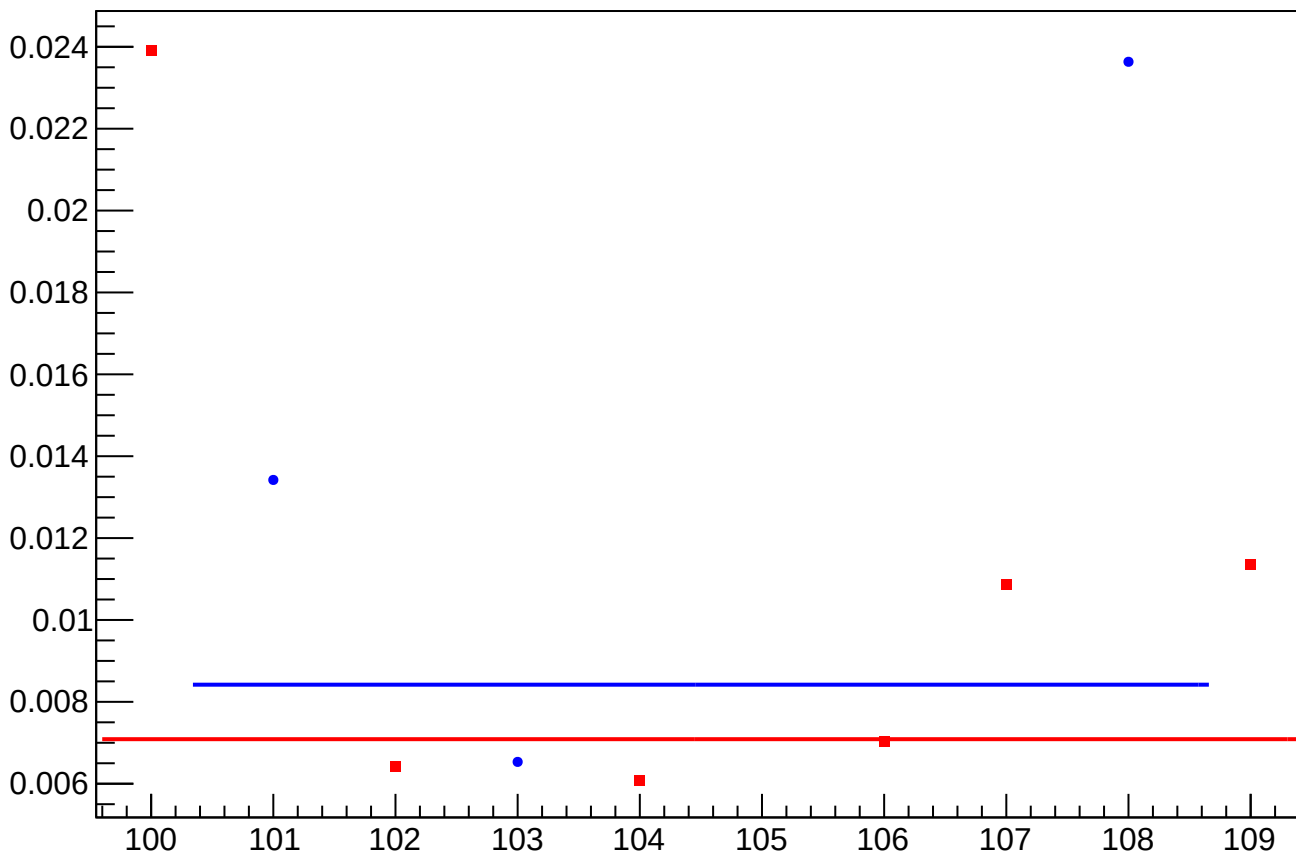
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008 $\pm$ 0.000 χ^2 /NDF: 586852.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 301926.2/5

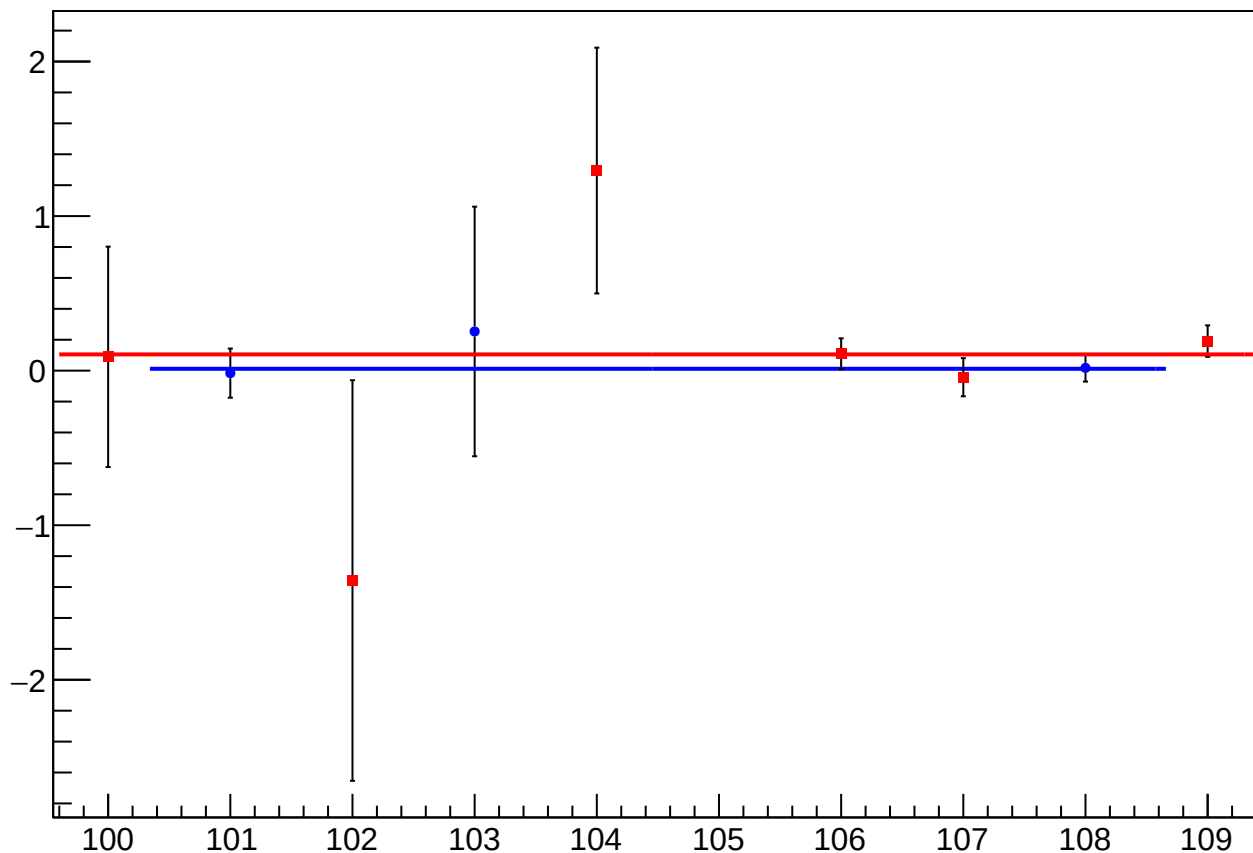
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 933274.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

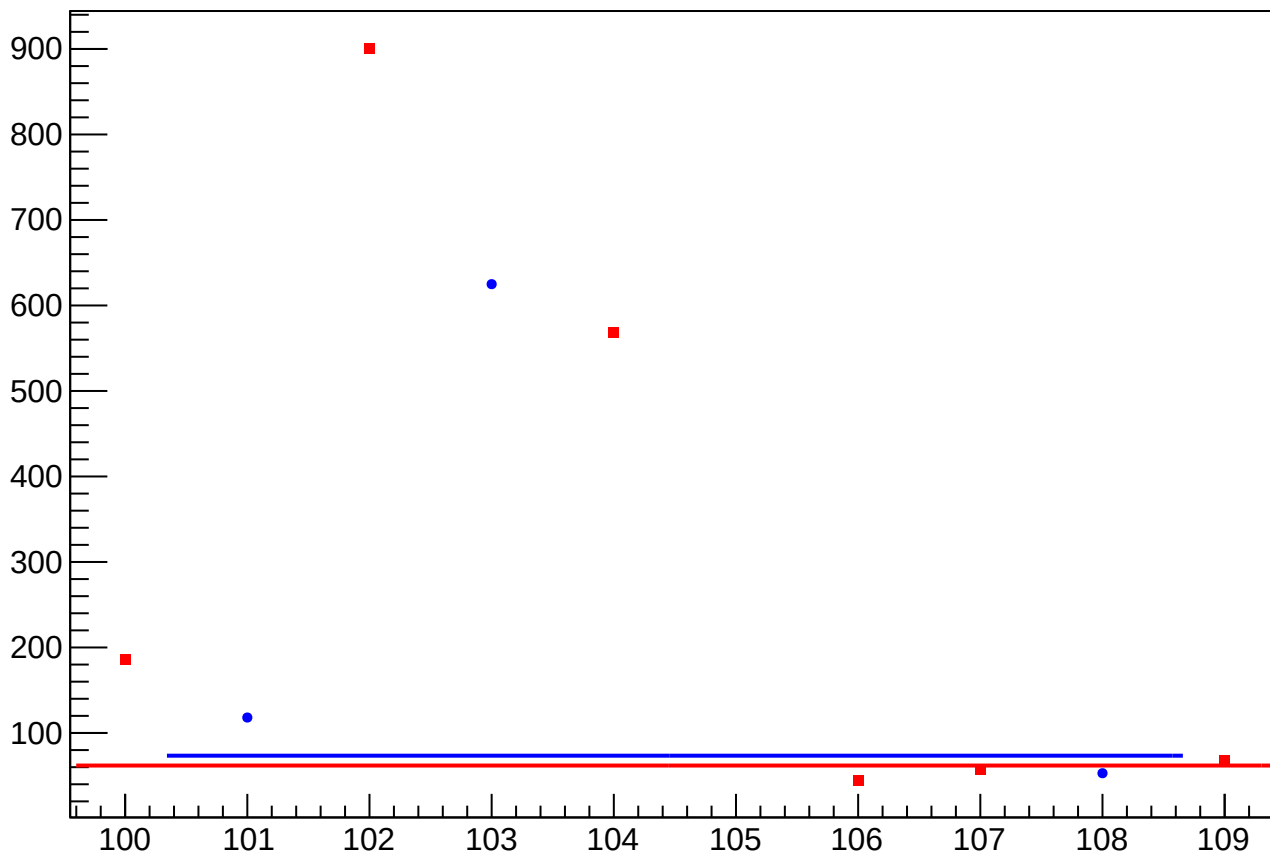
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.048 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 73.433+/-0.054 χ^2/NDF : 1197703.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785644.6/5

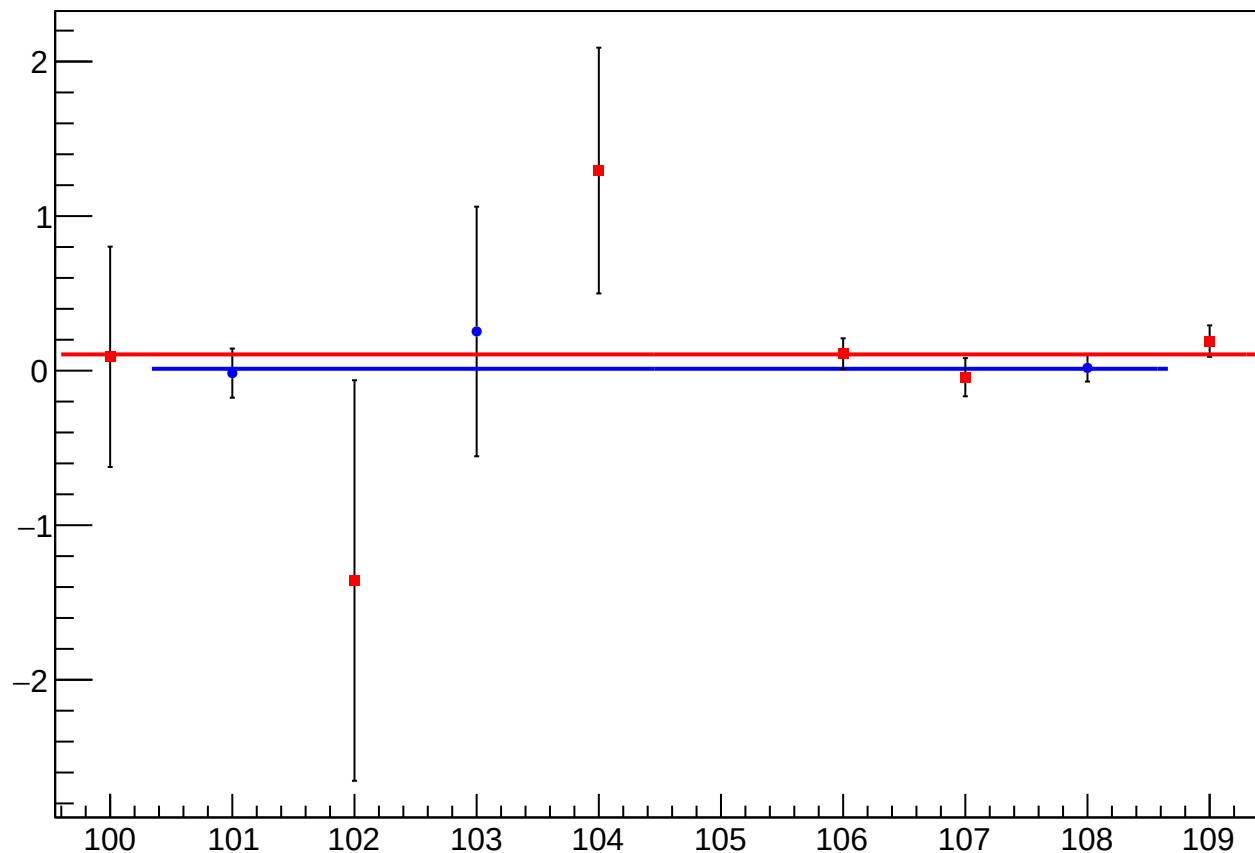
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.381+/-0.034 χ^2/NDF : 3010728.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.077 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.105 $\pm$ 0.061 χ^2 /NDF: 5.7/5

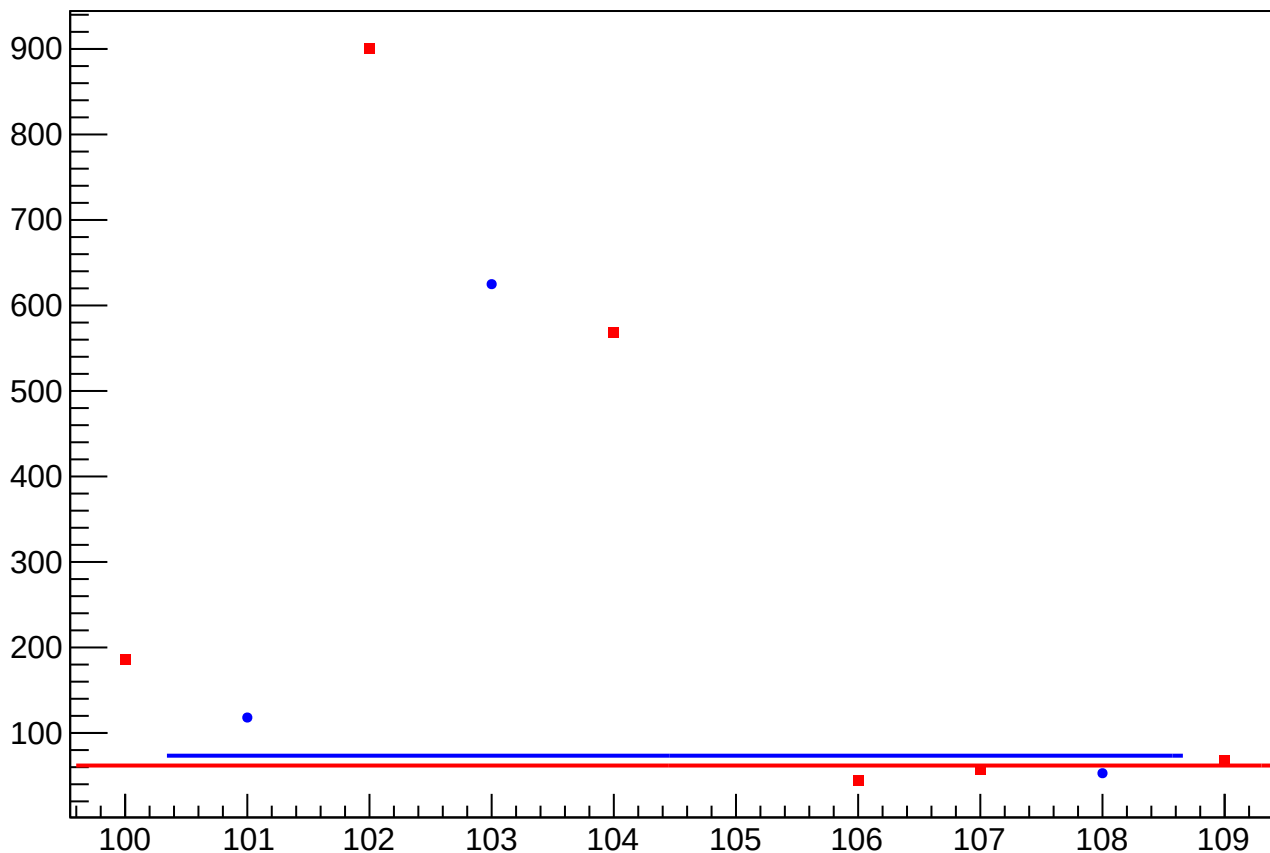
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.048 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 73.433+/-0.054 χ^2/NDF : 1197703.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.915+/-0.043 χ^2/NDF : 1785644.6/5

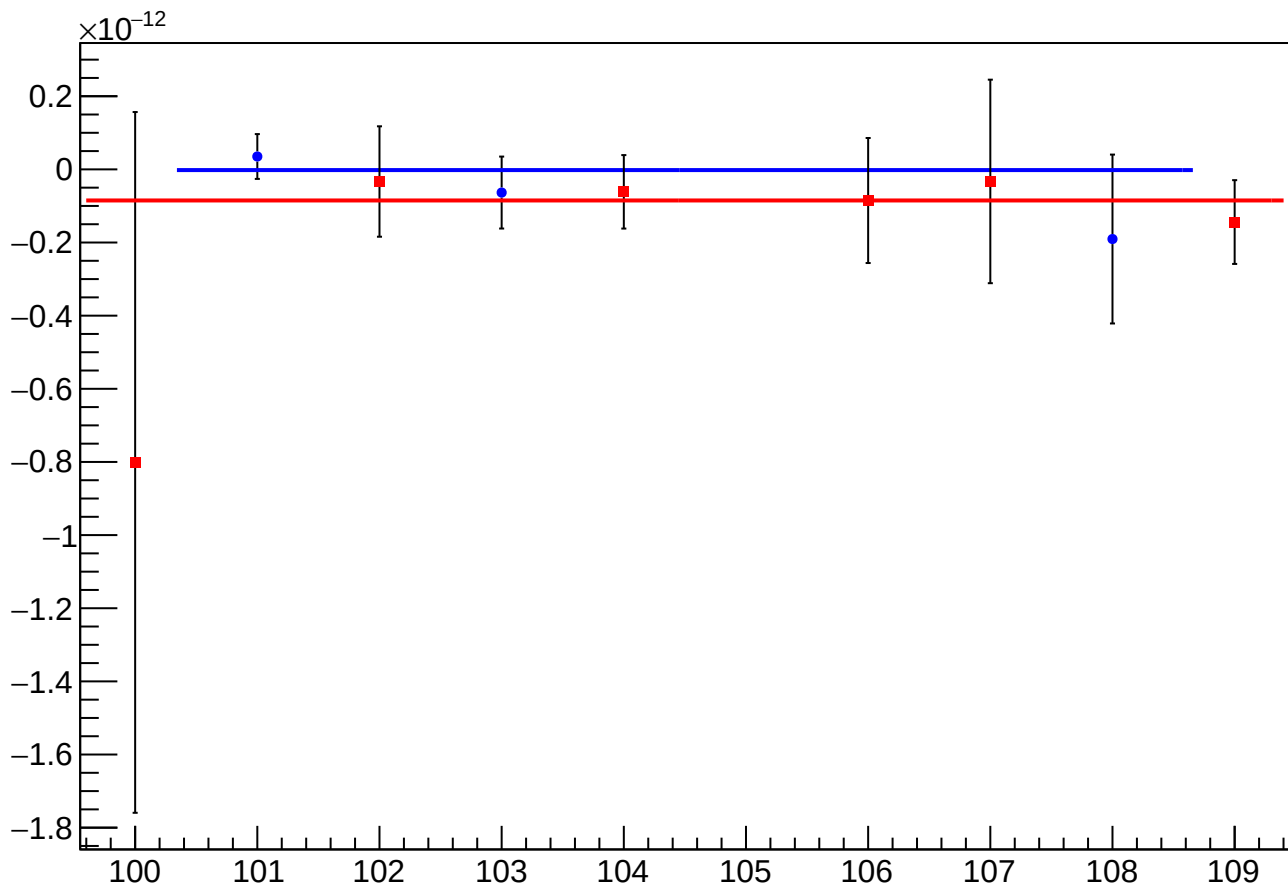
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.381+/-0.034 χ^2/NDF : 3010728.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.0/5

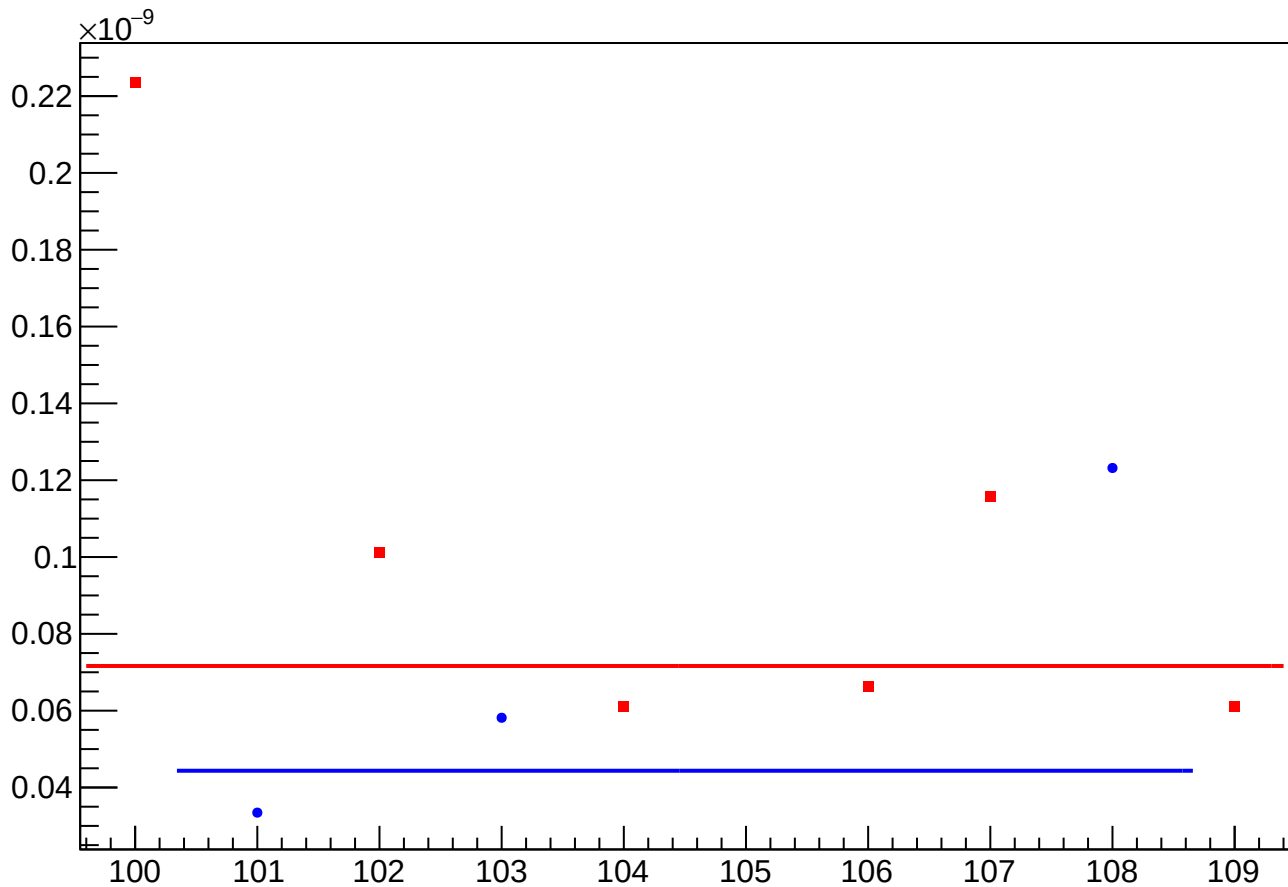
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 335705.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 217543.3/5

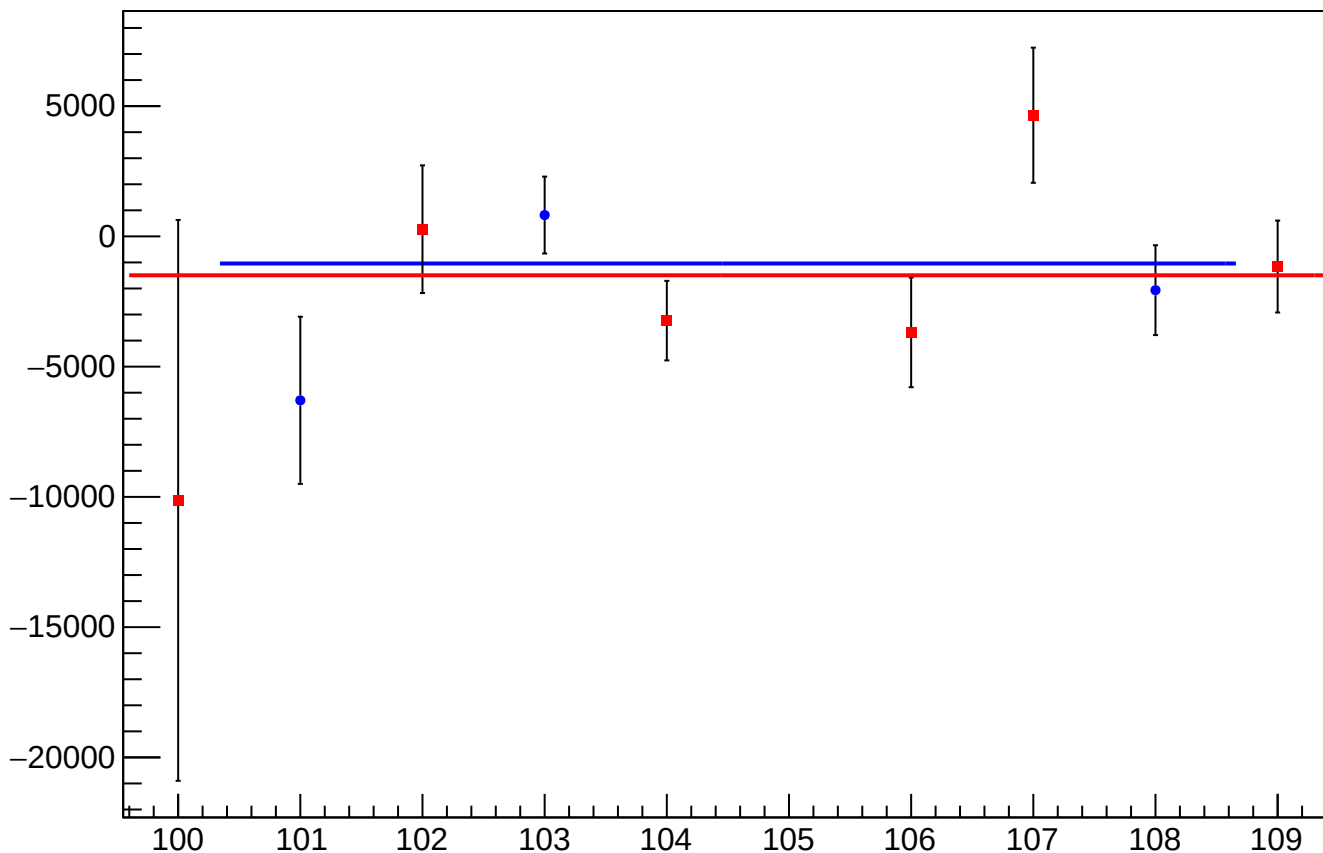
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 788860.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: -1041.180+/-1058.295 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1493.359+/-877.121 χ^2/NDF : 9.2/5

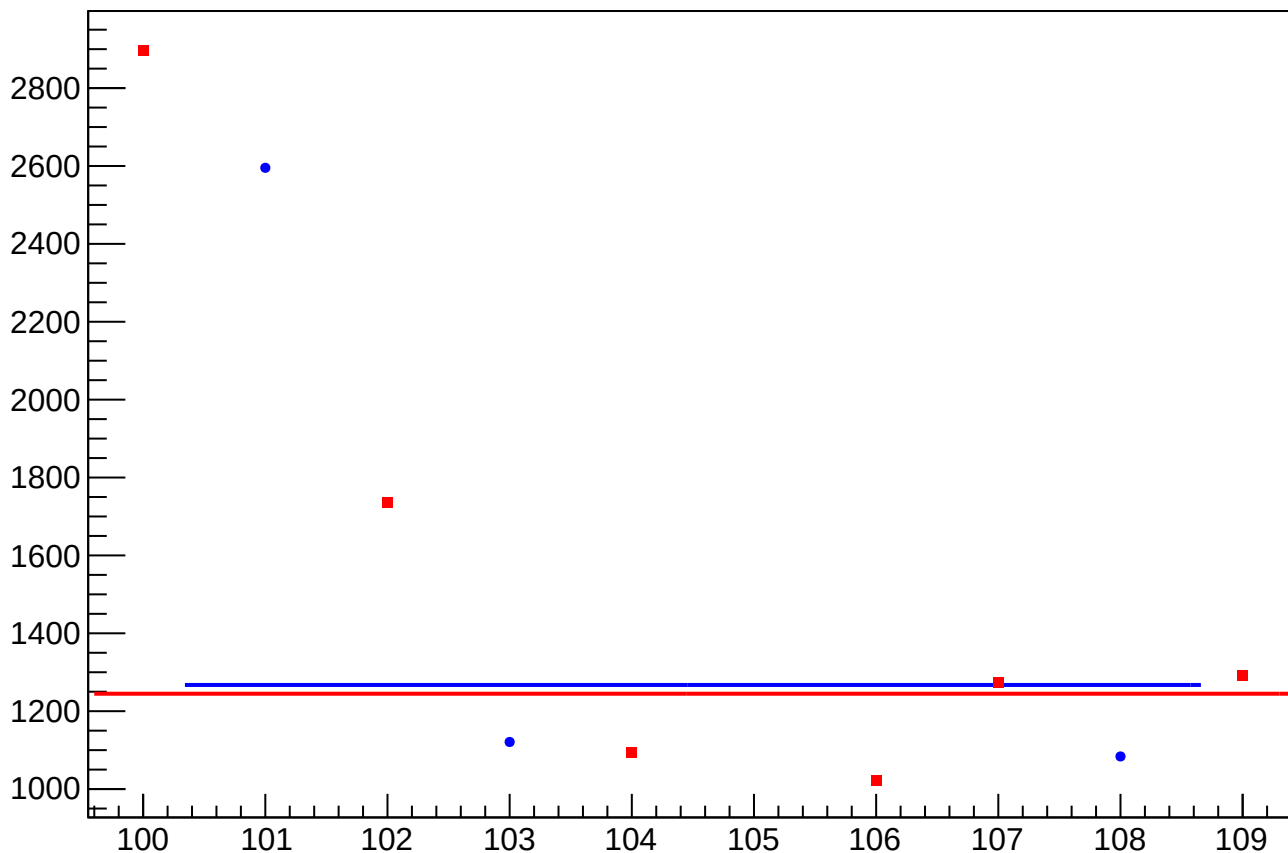
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1309.230+/-675.324 χ^2/NDF : 13.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1267.358 $\pm$ 0.748 χ^2 /NDF: 384953.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1244.843 $\pm$ 0.620 χ^2 /NDF: 170751.5/5

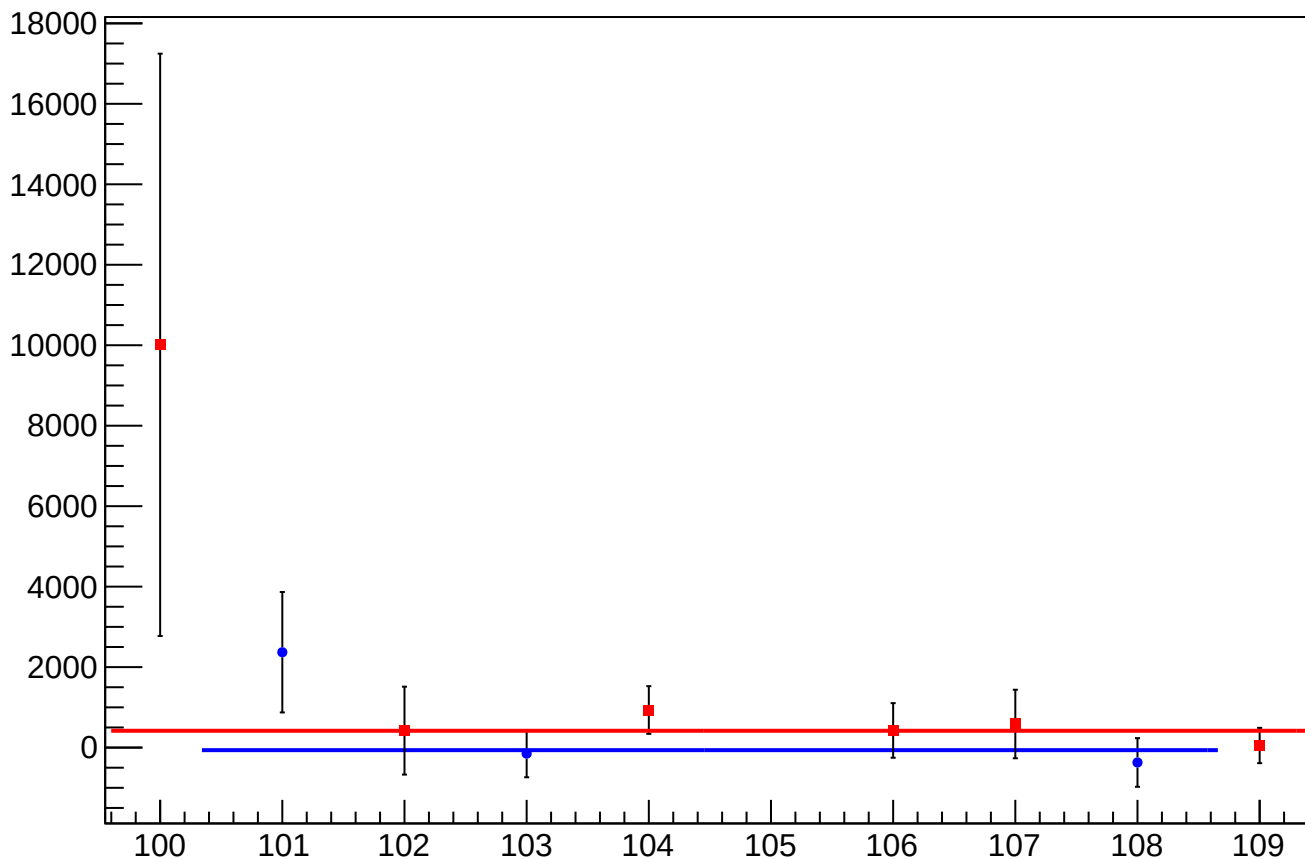
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1254.011 $\pm$ 0.478 χ^2 /NDF: 556241.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug



Right In: -63.874 $\pm$ 405.782 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 417.951 $\pm$ 283.436 χ^2 /NDF: 3.3/5

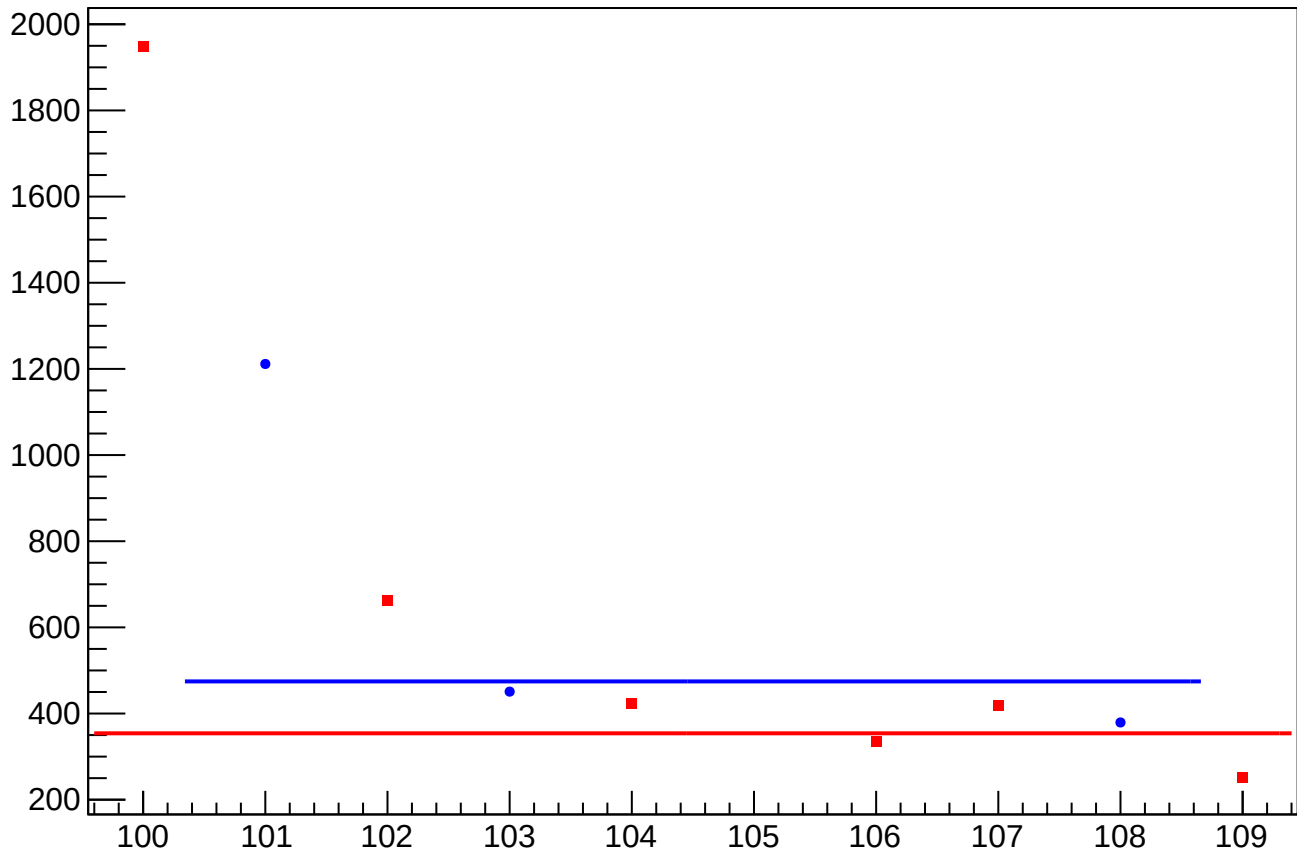
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 259.956 $\pm$ 232.364 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 474.564 $\pm$ 0.287 χ^2 /NDF: 537717.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 354.078 $\pm$ 0.200 χ^2 /NDF: 407347.2/5

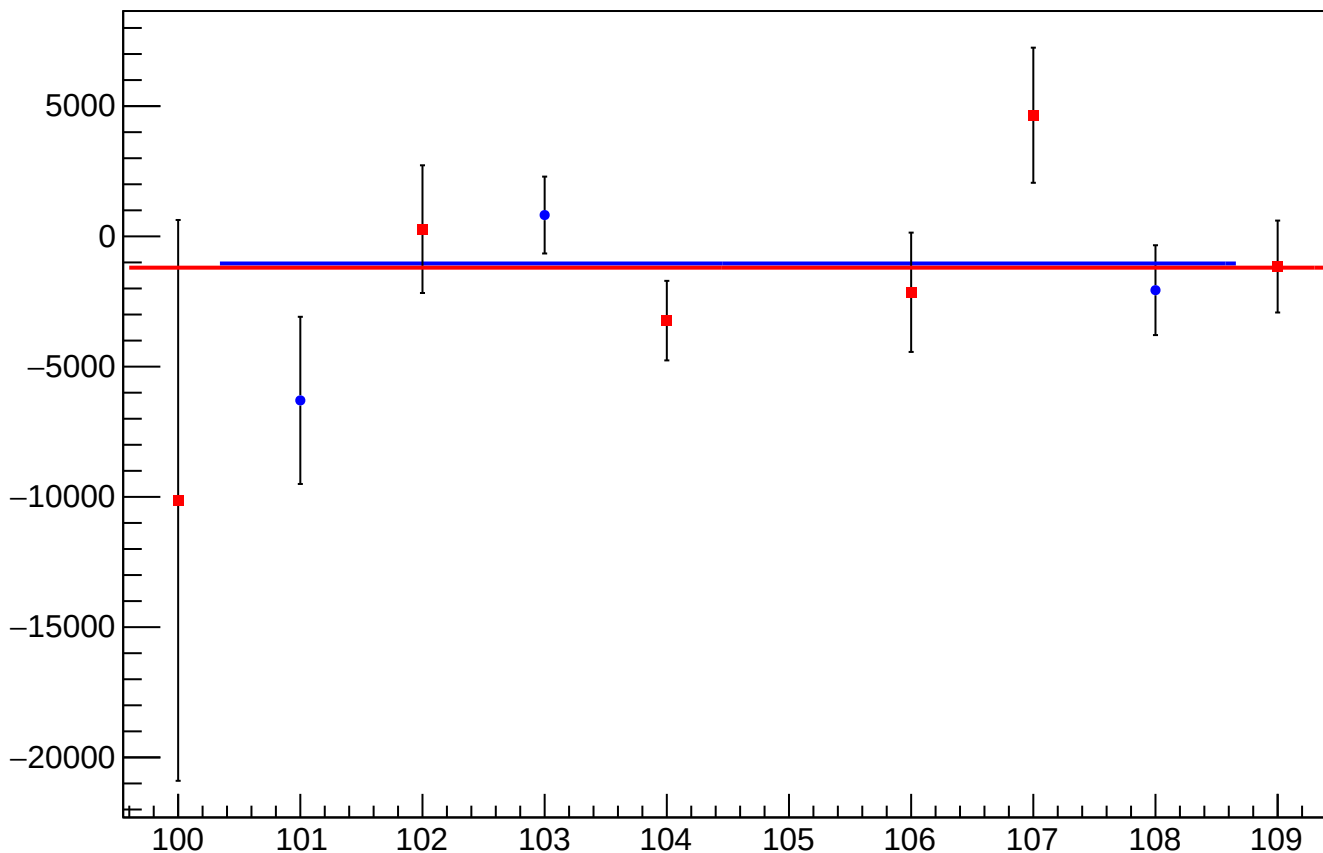
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 393.586 $\pm$ 0.164 χ^2 /NDF: 1063571.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: -1041.360+/-1058.295 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1200.736+/-889.140 χ^2/NDF : 8.1/5

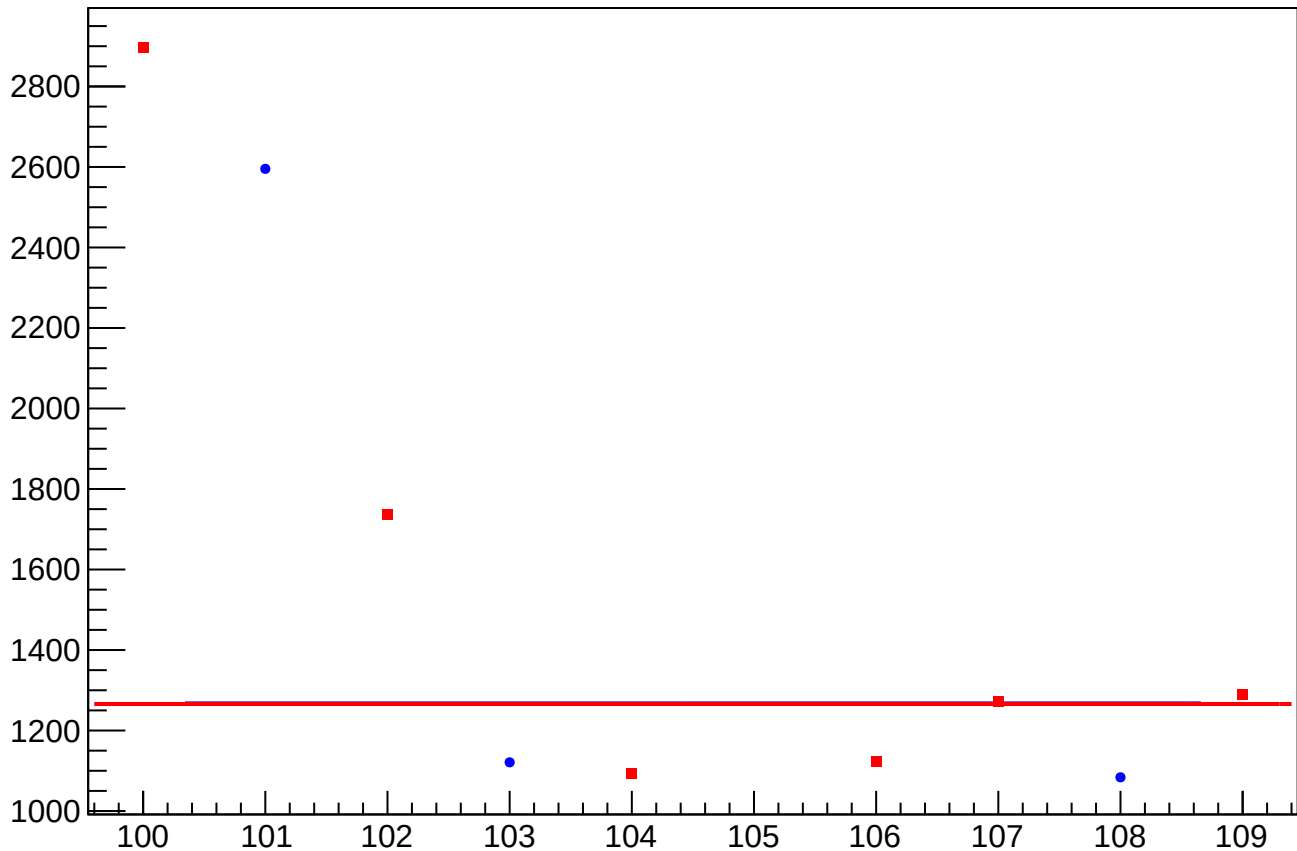
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1134.788+/-680.764 χ^2/NDF : 12.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1267.357 $\pm$ 0.748 χ^2 /NDF: 384953.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1265.921 $\pm$ 0.629 χ^2 /NDF: 153133.8/5

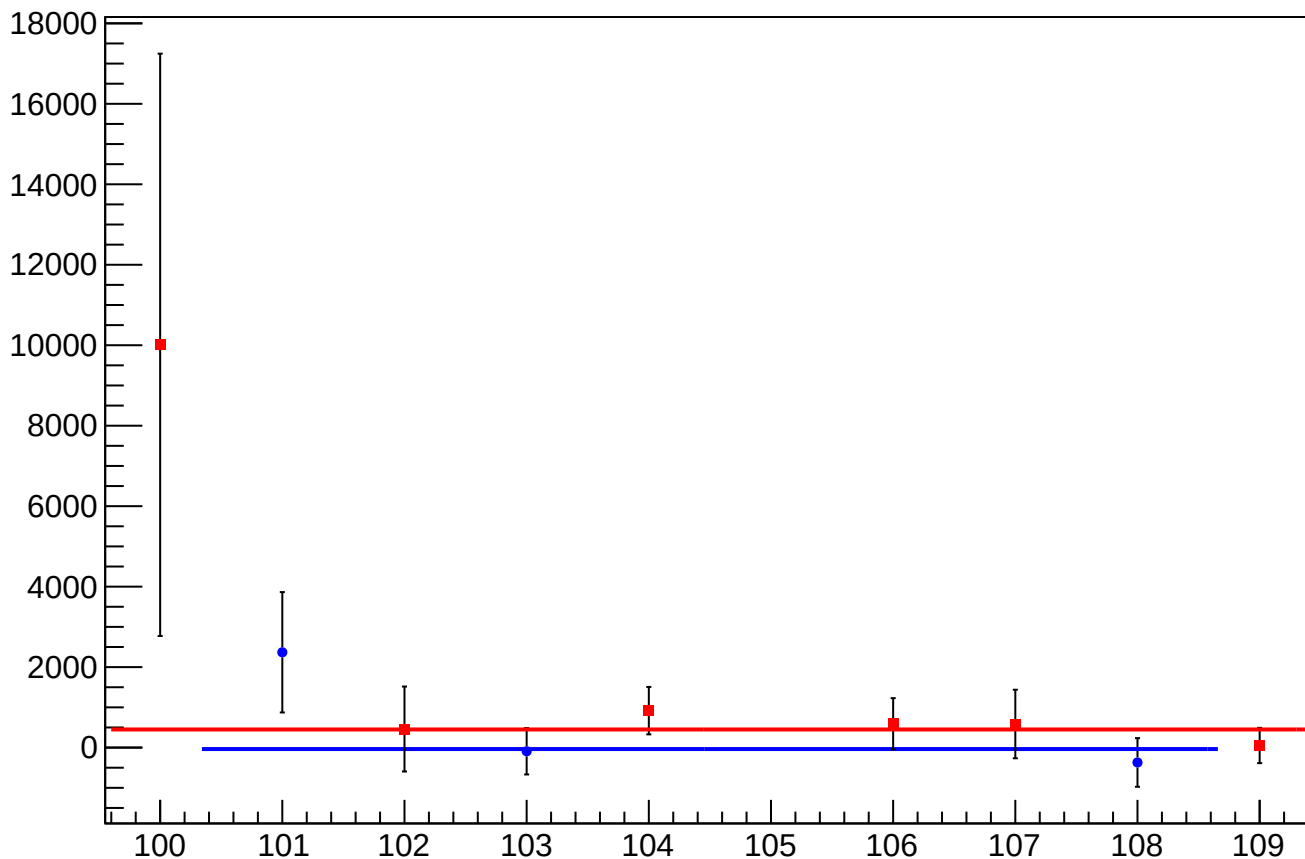
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1266.515 $\pm$ 0.481 χ^2 /NDF: 538089.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug



Right In: -36.402 $\pm$ 402.051 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 450.621 $\pm$ 279.203 χ^2 /NDF: 3.3/5

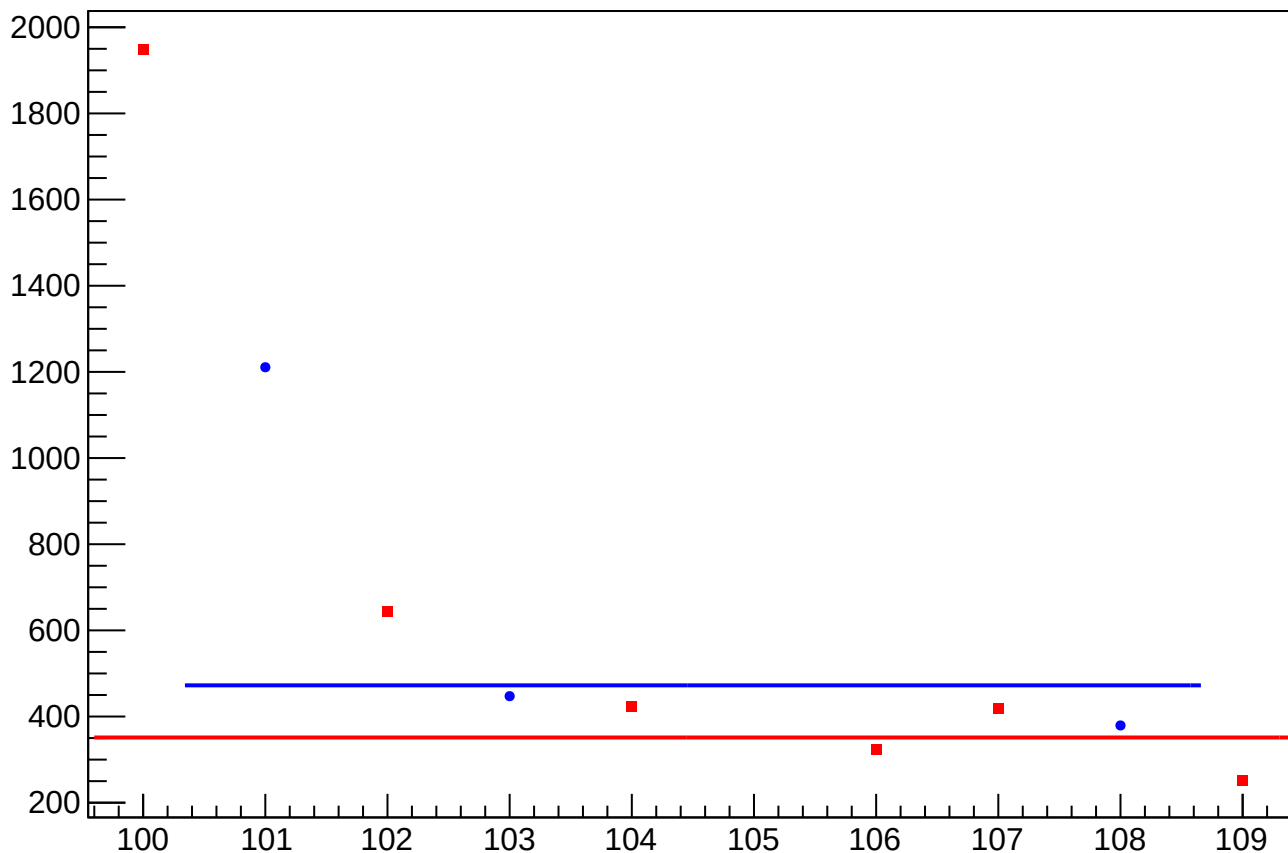
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 292.167 $\pm$ 229.329 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



Right In: 472.389+/-0.284 χ^2/NDF : 538519.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.347+/-0.197 χ^2/NDF : 399686.6/5

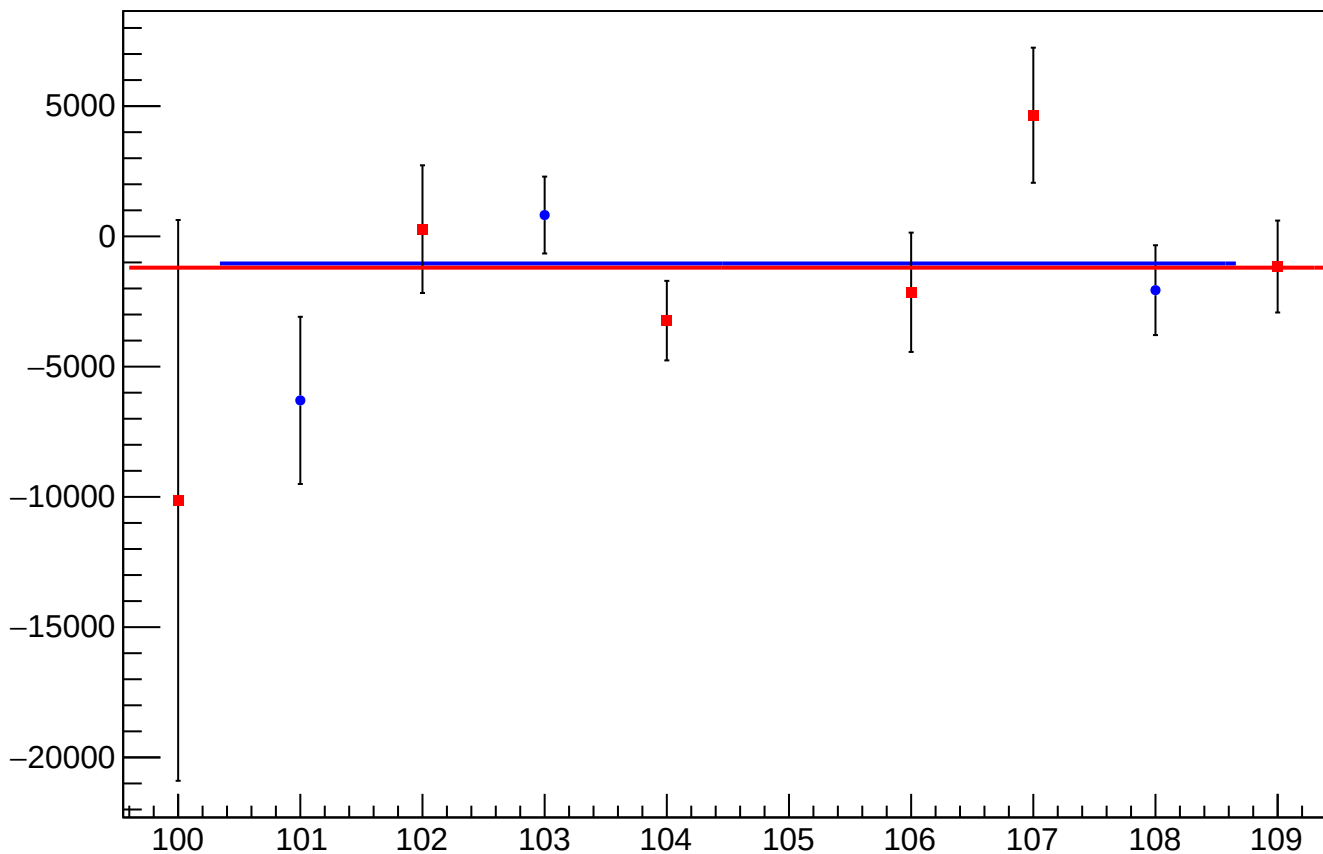
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.728+/-0.162 χ^2/NDF : 1060503.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: -1041.360+/-1058.295 χ^2 /NDF: 4.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1200.736+/-889.140 χ^2 /NDF: 8.1/5

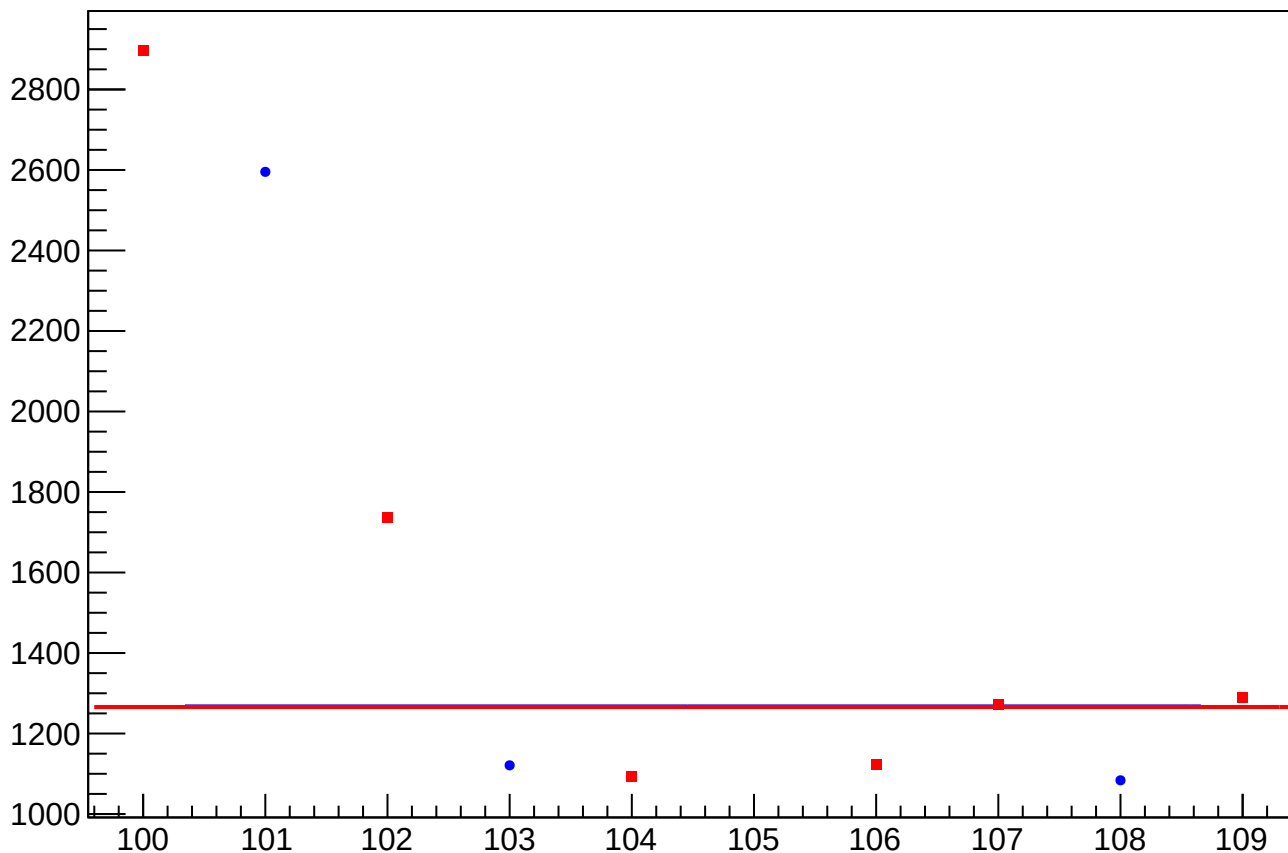
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1134.788+/-680.764 χ^2 /NDF: 12.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1267.357 $\pm$ 0.748 χ^2 /NDF: 384953.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1265.921 $\pm$ 0.629 χ^2 /NDF: 153133.8/5

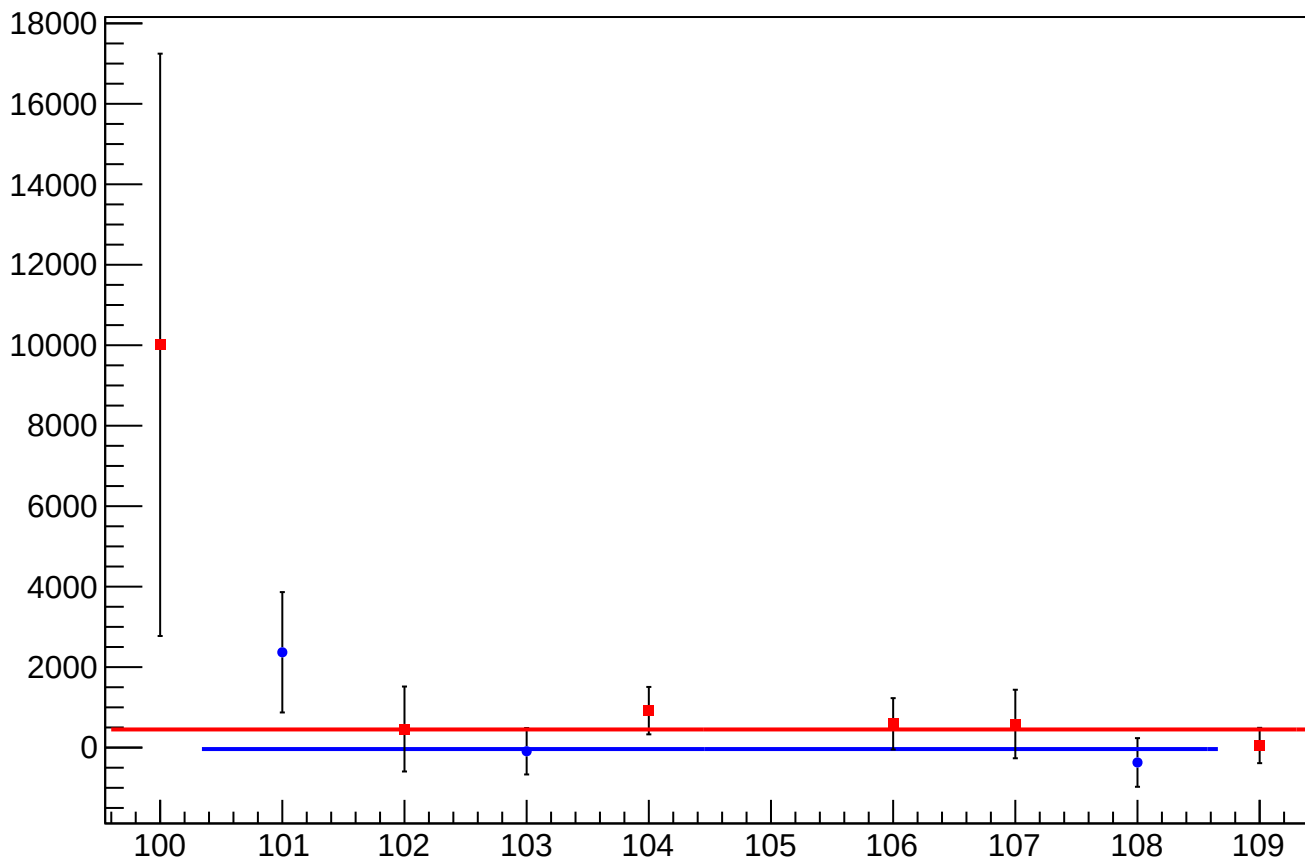
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1266.515 $\pm$ 0.481 χ^2 /NDF: 538089.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: -36.402 $\pm$ 402.051 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 450.621 $\pm$ 279.203 χ^2 /NDF: 3.3/5

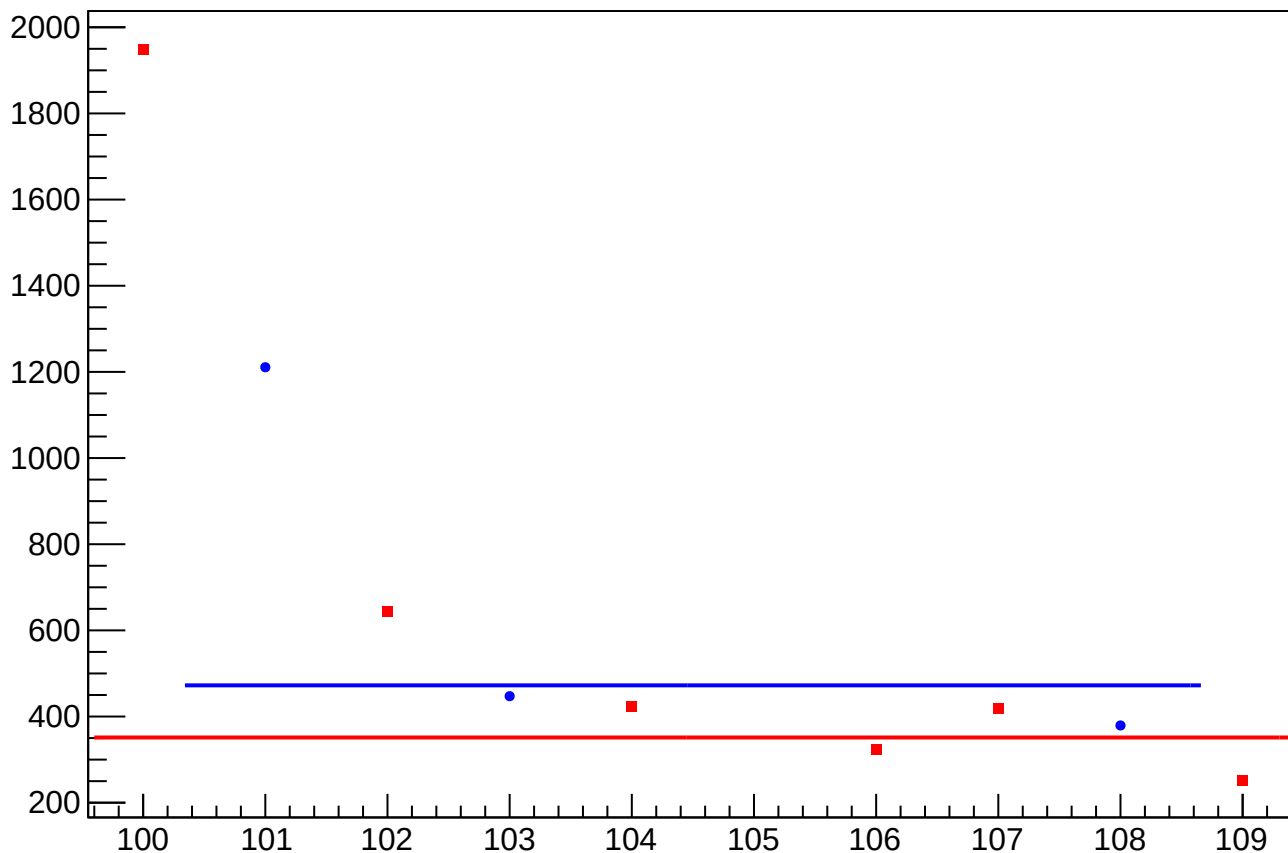
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 292.167 $\pm$ 229.329 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 472.389+/-0.284 χ^2/NDF : 538519.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 351.347+/-0.197 χ^2/NDF : 399686.6/5

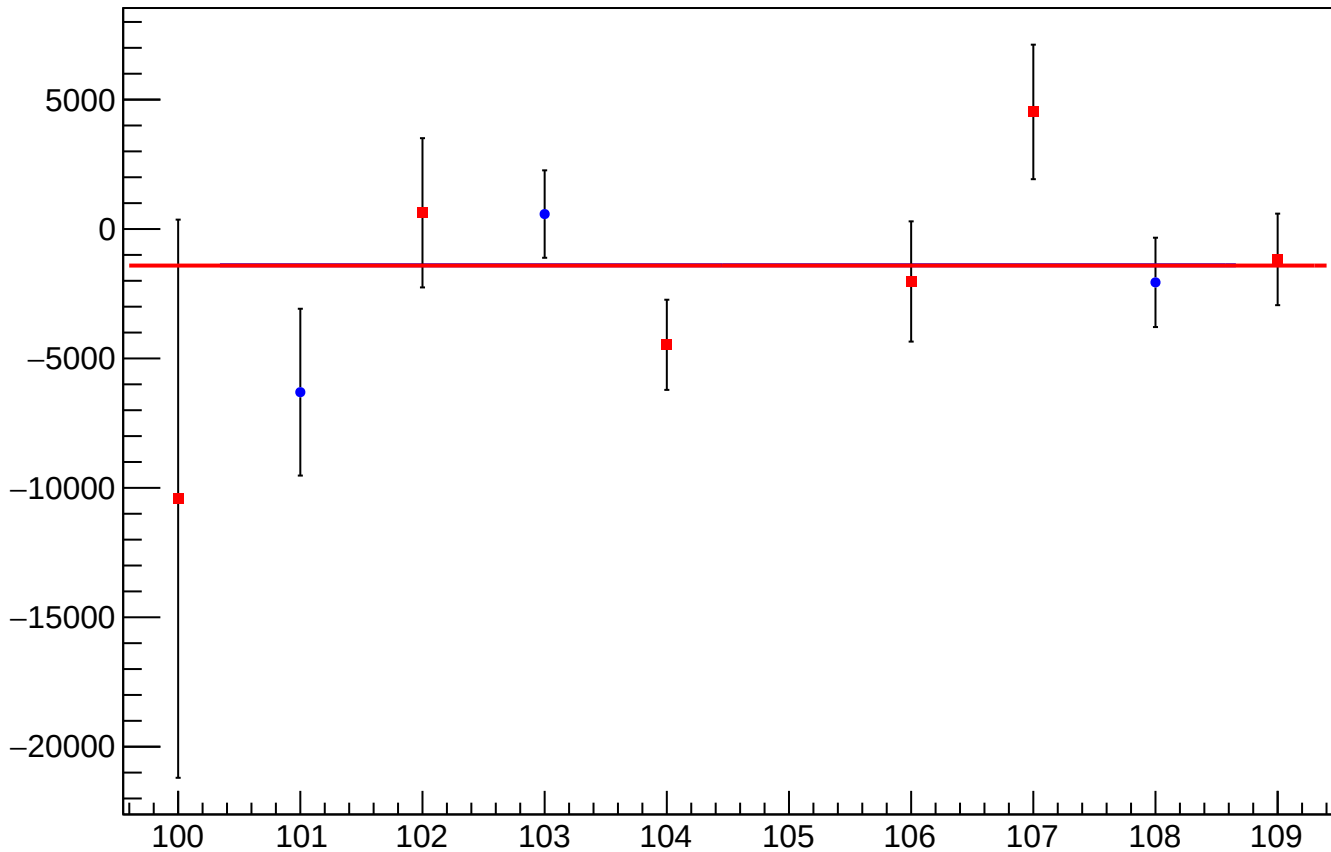
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 390.728+/-0.162 χ^2/NDF : 1060503.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: -1400.943+/-1130.486 χ^2 /NDF: 3.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1411.802+/-948.315 χ^2 /NDF: 9.6/5

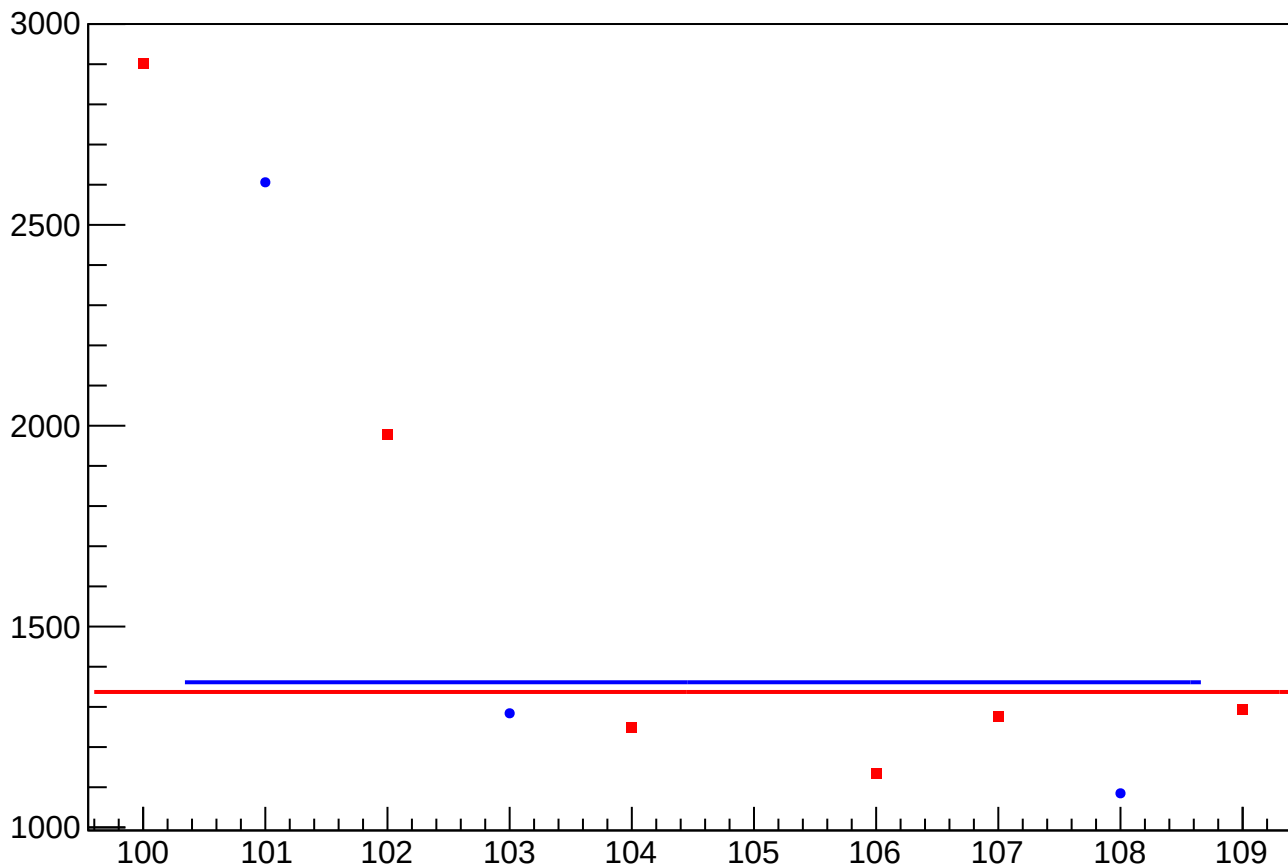
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1407.317+/-726.539 χ^2 /NDF: 13.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1361.323+/-0.799 χ^2/NDF : 353868.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.174+/-0.671 χ^2/NDF : 163895.3/5

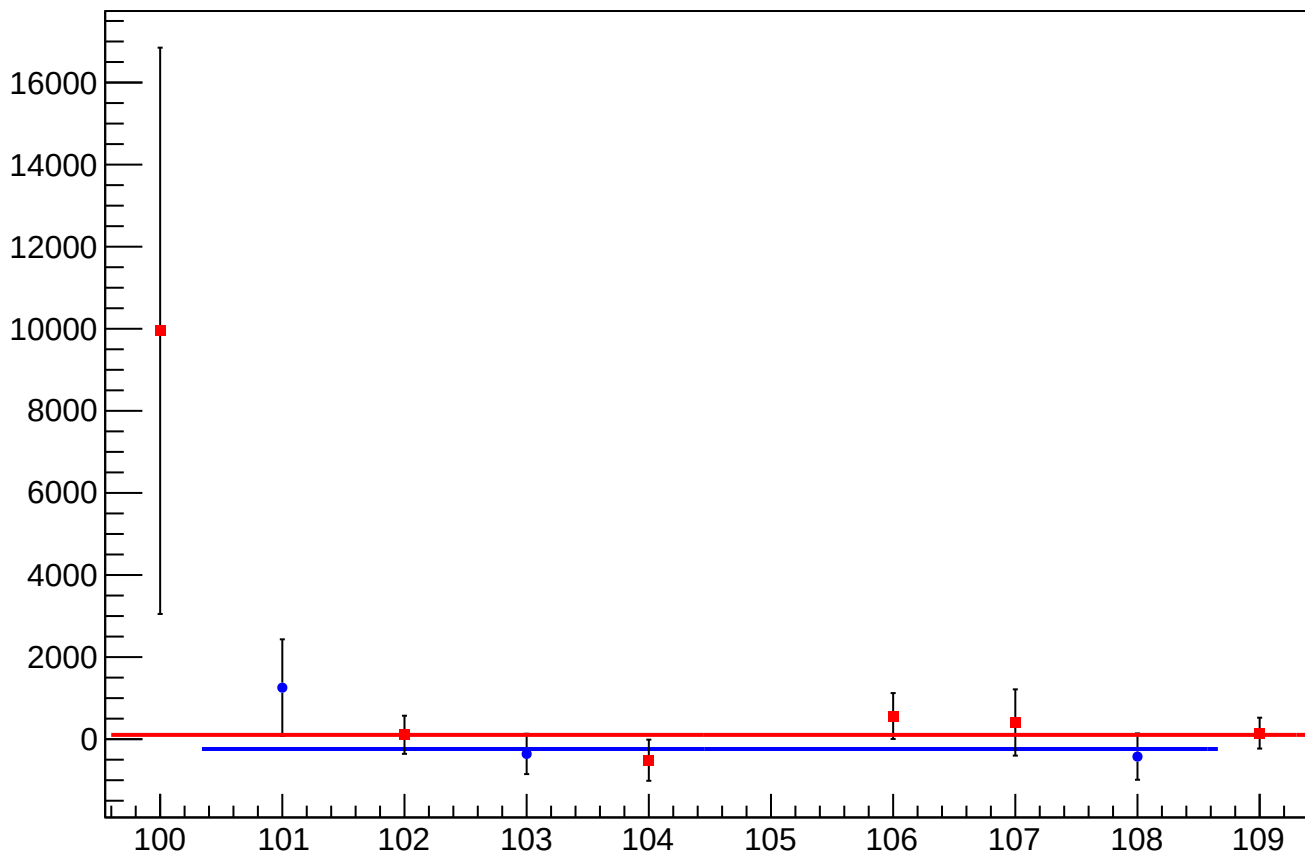
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.148+/-0.514 χ^2/NDF : 518299.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug



Right In: -239.521+/-353.487 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.327+/-221.230 χ^2/NDF : 4.4/5

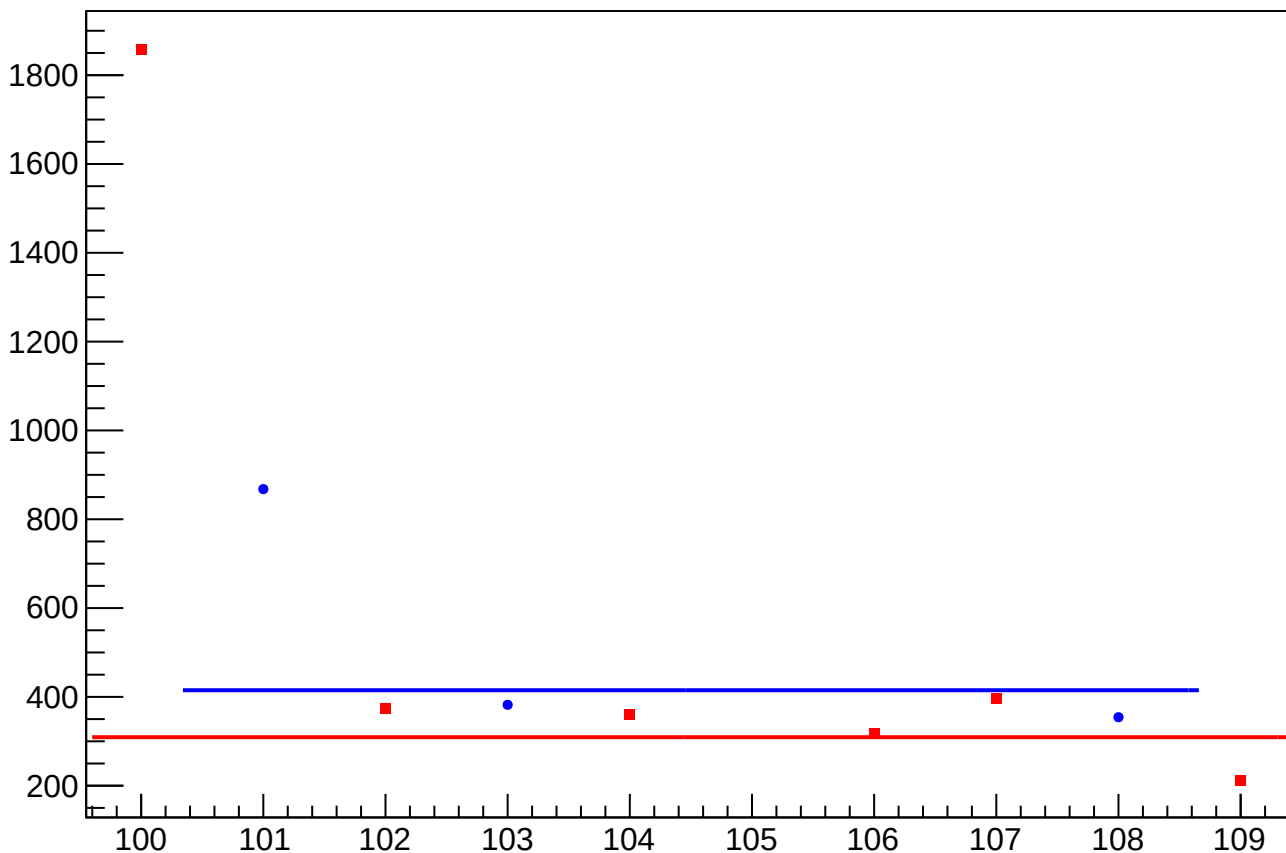
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.551+/-187.531 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug



Right In: 415.007 $\pm$ 0.250 χ^2 /NDF: 327933.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 309.236 $\pm$ 0.156 χ^2 /NDF: 318443.4/5

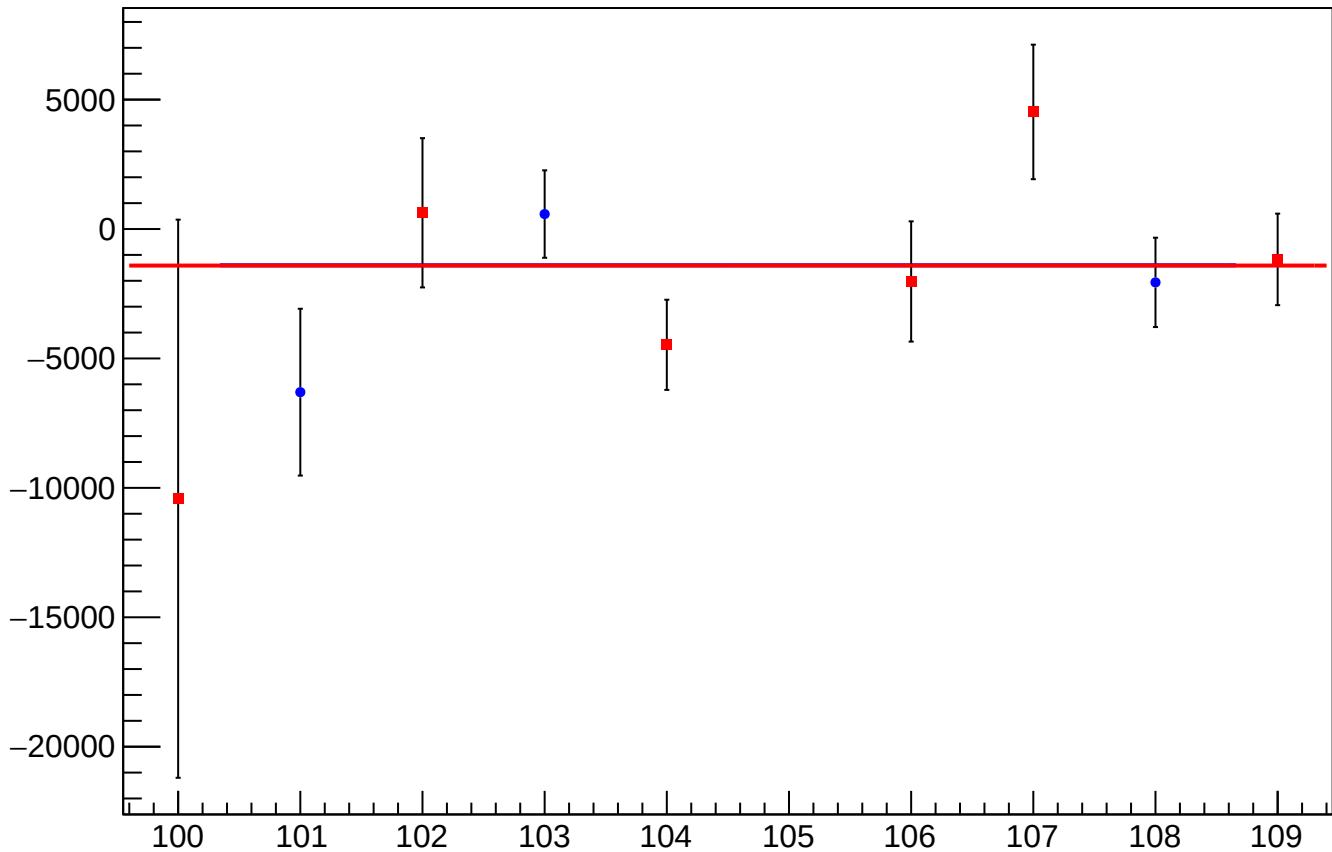
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 339.005 $\pm$ 0.133 χ^2 /NDF: 775046.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: -1400.952+/-1130.487 χ^2 /NDF: 3.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1411.800+/-948.315 χ^2 /NDF: 9.6/5

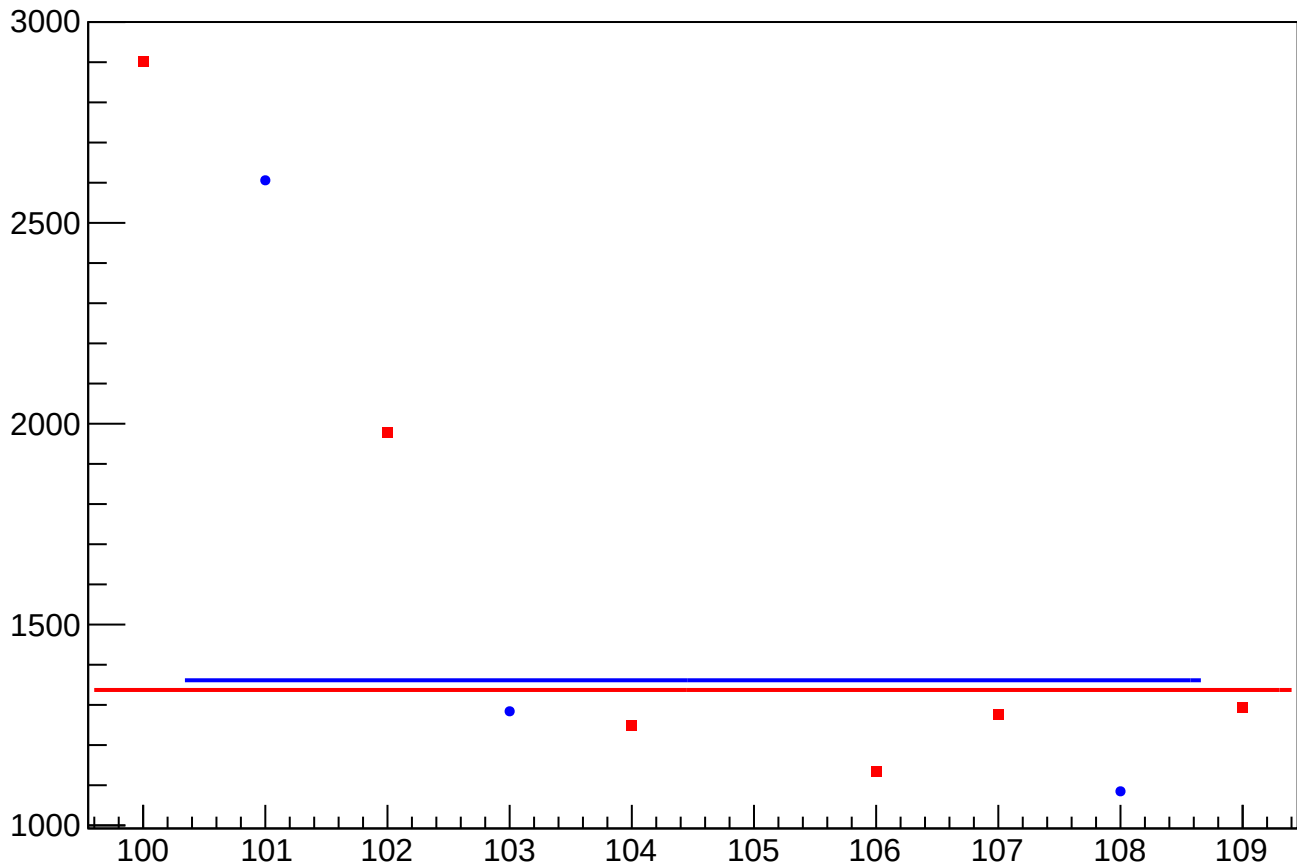
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1407.319+/-726.539 χ^2 /NDF: 13.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1361.323+/-0.799 χ^2/NDF : 353867.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.174+/-0.671 χ^2/NDF : 163895.3/5

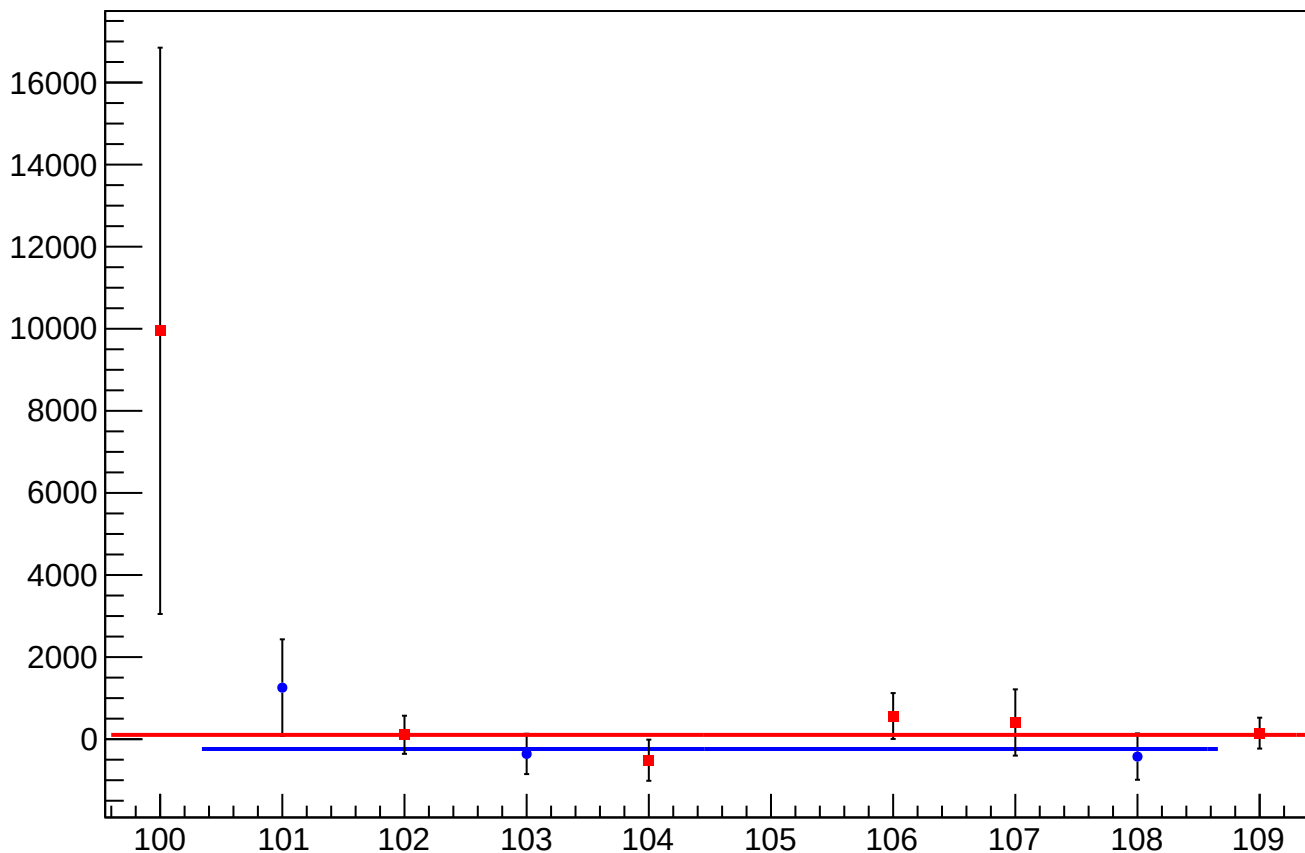
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1347.149+/-0.514 χ^2/NDF : 518298.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -239.531+/-353.481 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 104.320+/-221.232 χ^2/NDF : 4.4/5

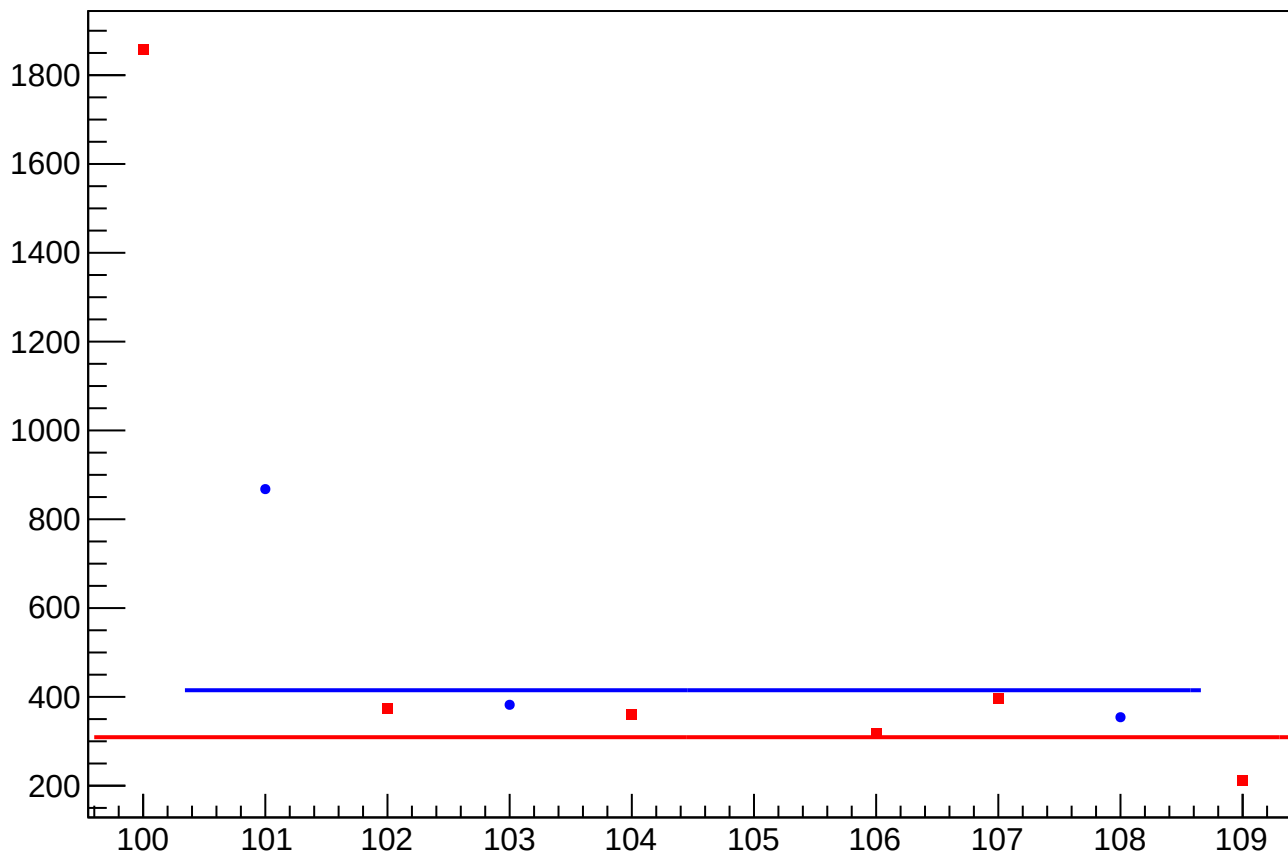
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.541+/-187.531 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 415.000 $\pm$ 0.250 χ^2 /NDF: 327942.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 309.240 $\pm$ 0.156 χ^2 /NDF: 318401.0/5

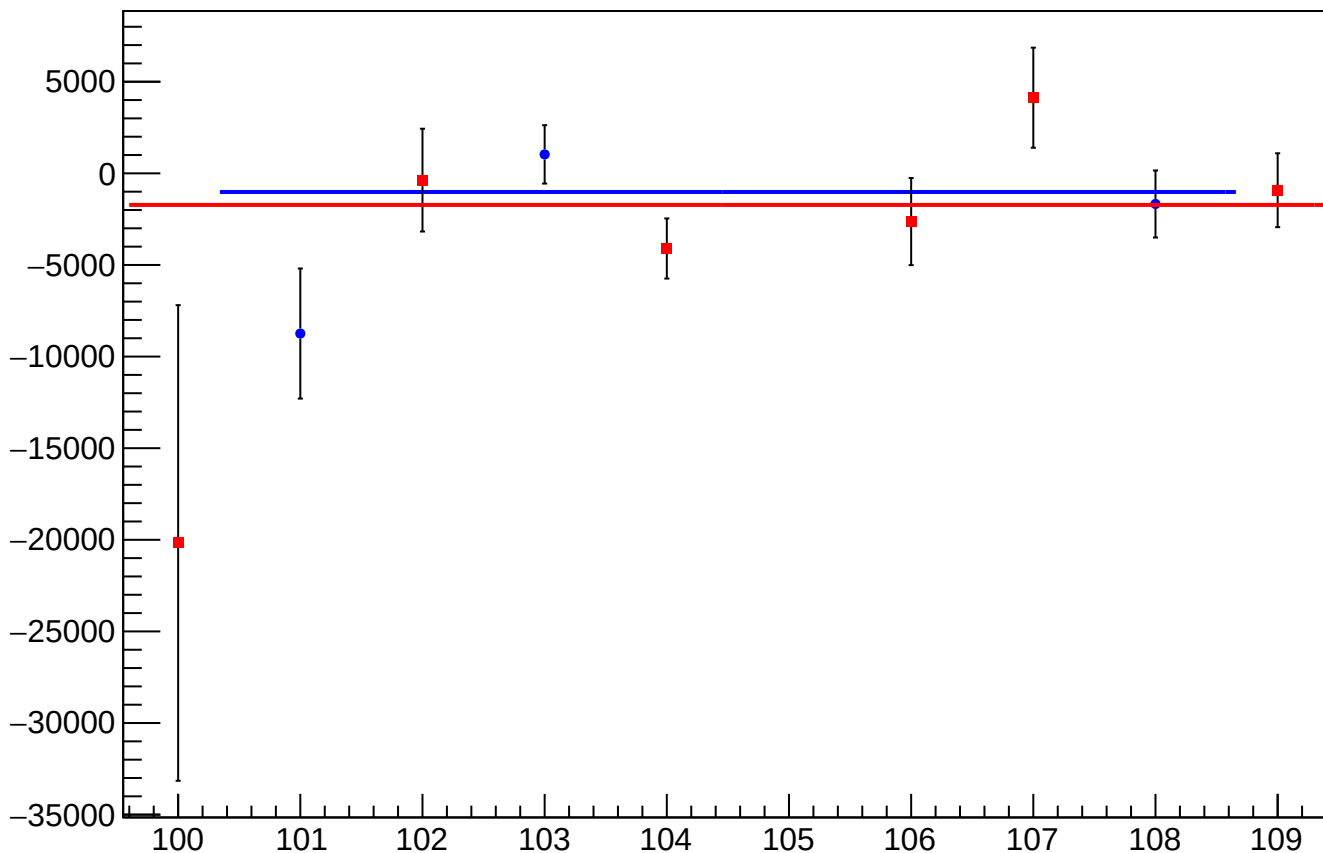
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 339.007 $\pm$ 0.133 χ^2 /NDF: 774988.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: -1017.029+/-1137.576 χ^2 /NDF: 6.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1723.559+/-970.638 χ^2 /NDF: 9.3/5

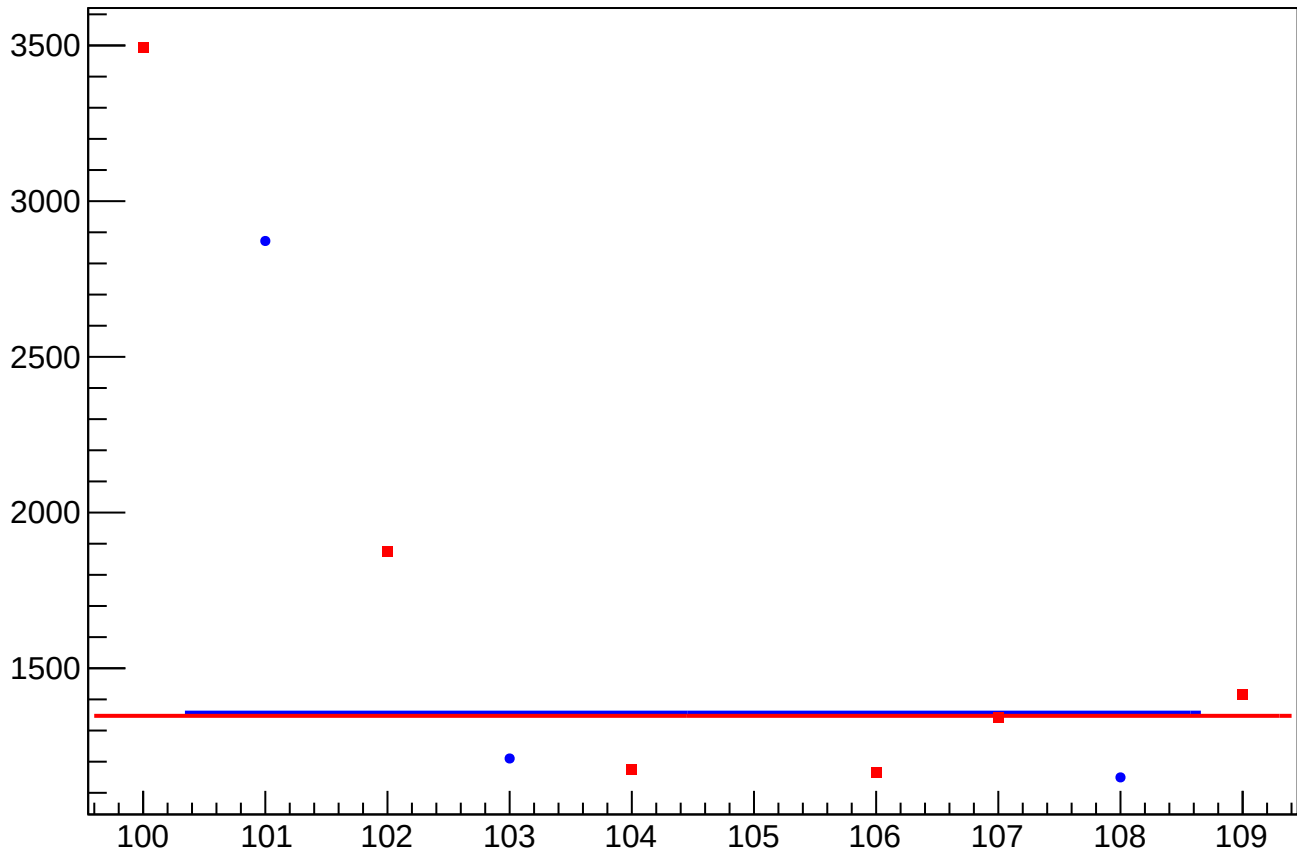
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1425.892+/-738.381 χ^2 /NDF: 16.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1357.484+/-0.804 χ^2/NDF : 407177.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1347.227+/-0.686 χ^2/NDF : 161395.9/5

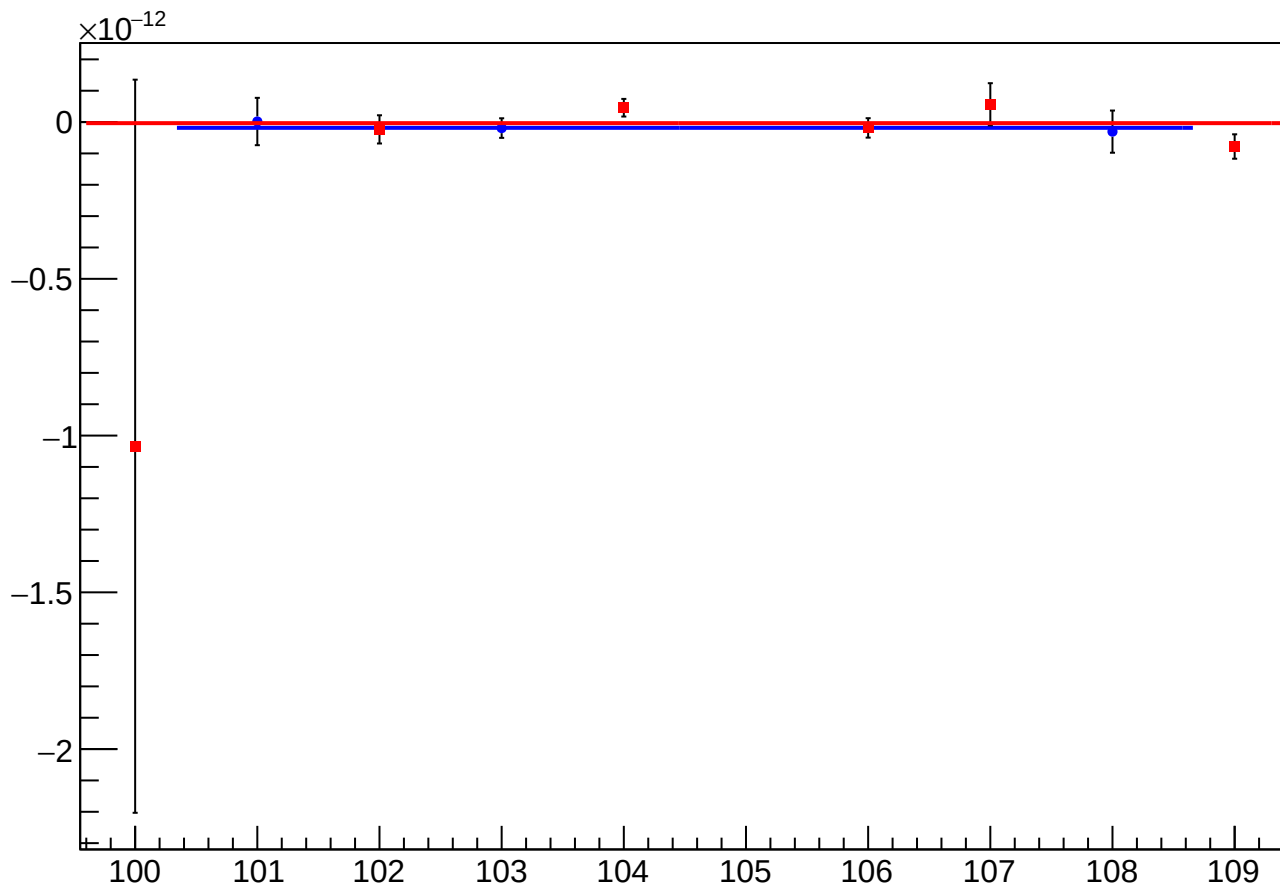
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1351.549+/-0.522 χ^2/NDF : 568667.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 8.7/5

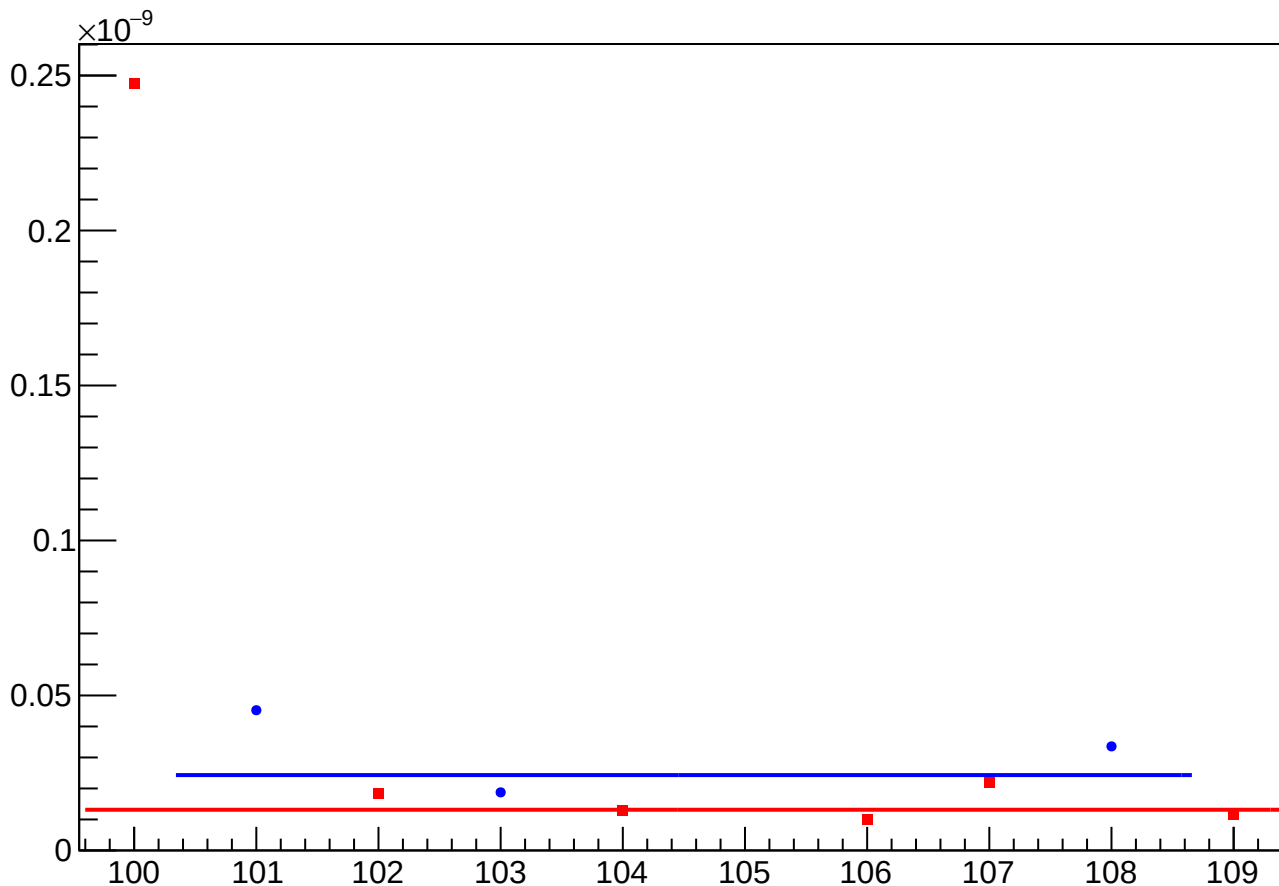
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 255209.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 168497.9/5

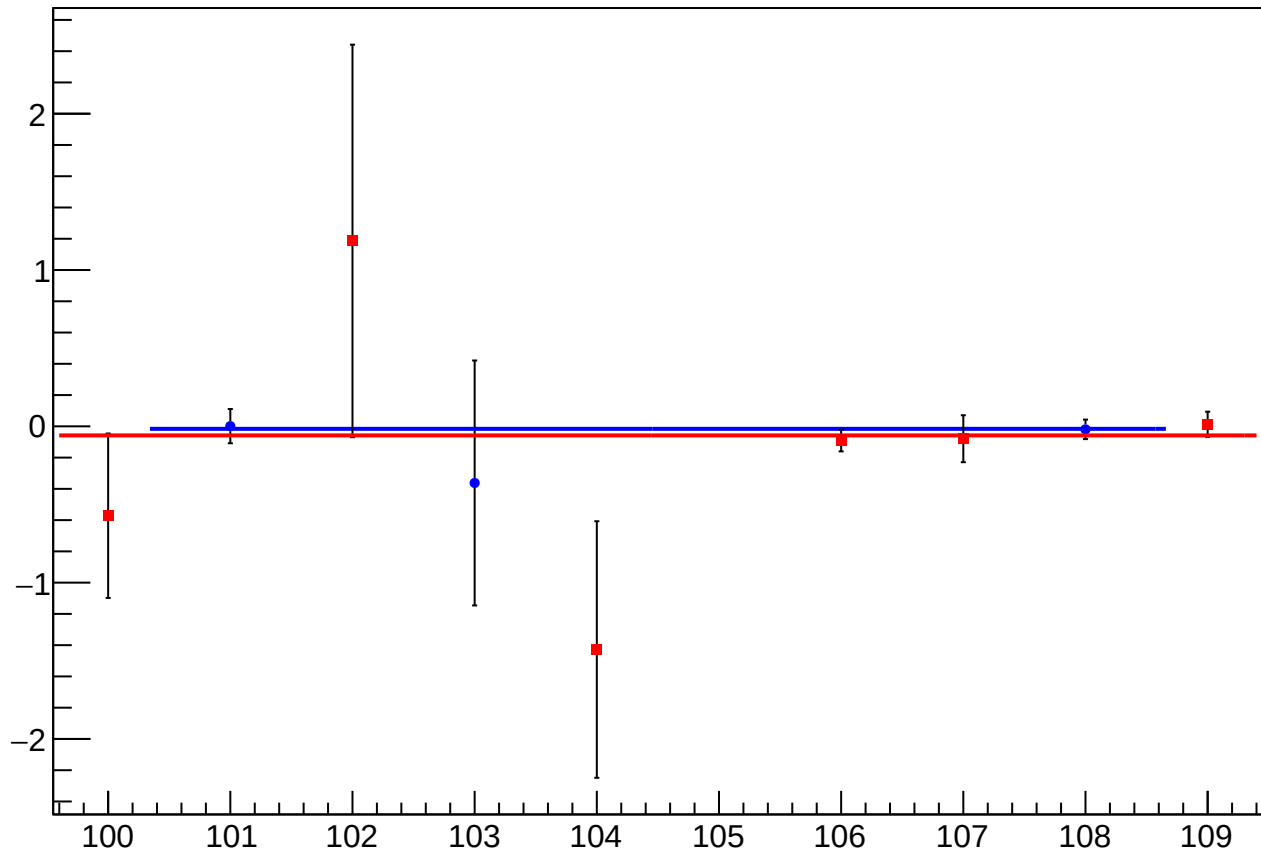
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 680124.7/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 ± 0.054 χ^2/NDF : 0.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 ± 0.049 χ^2/NDF : 5.8/5

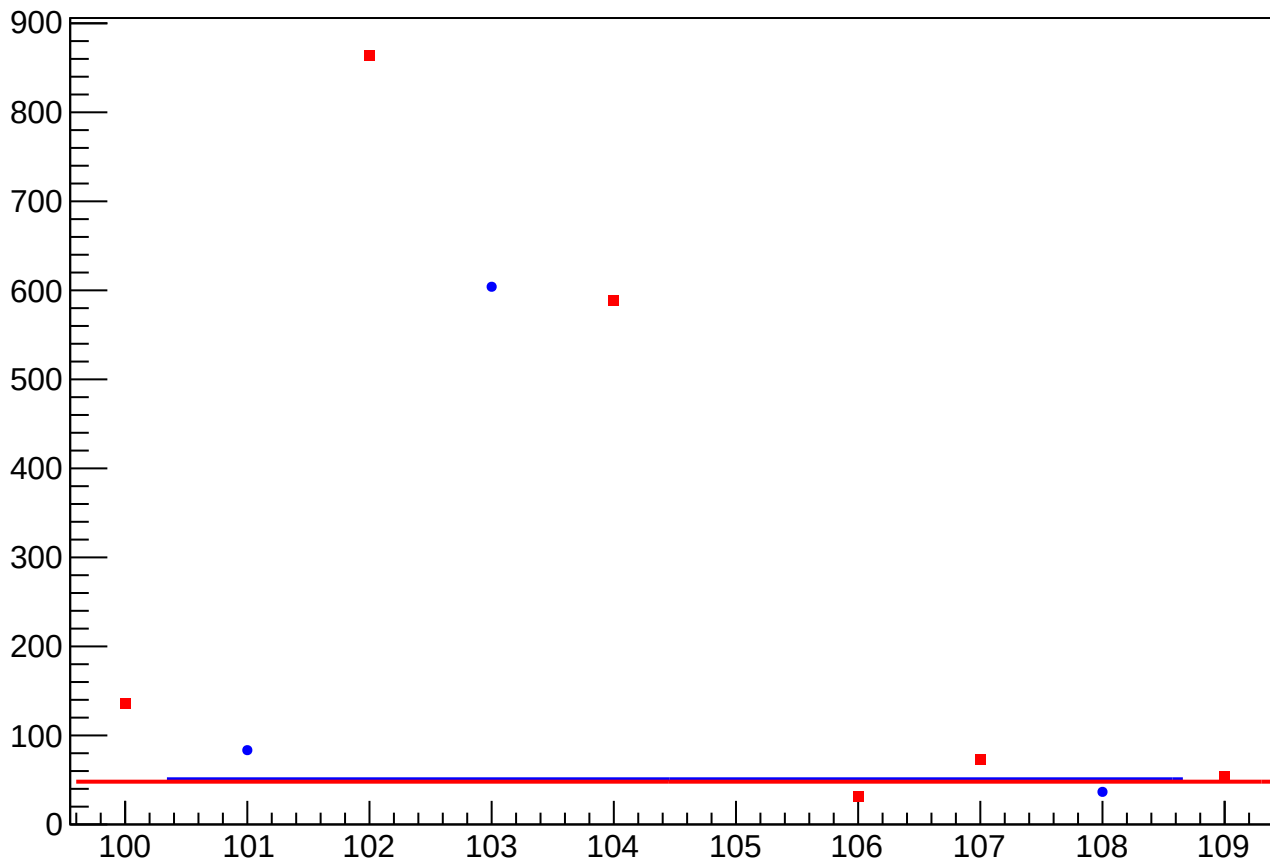
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.036 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 50.726 $\pm$ 0.038 χ^2 /NDF: 1278689.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.054 $\pm$ 0.035 χ^2 /NDF: 1952625.1/5

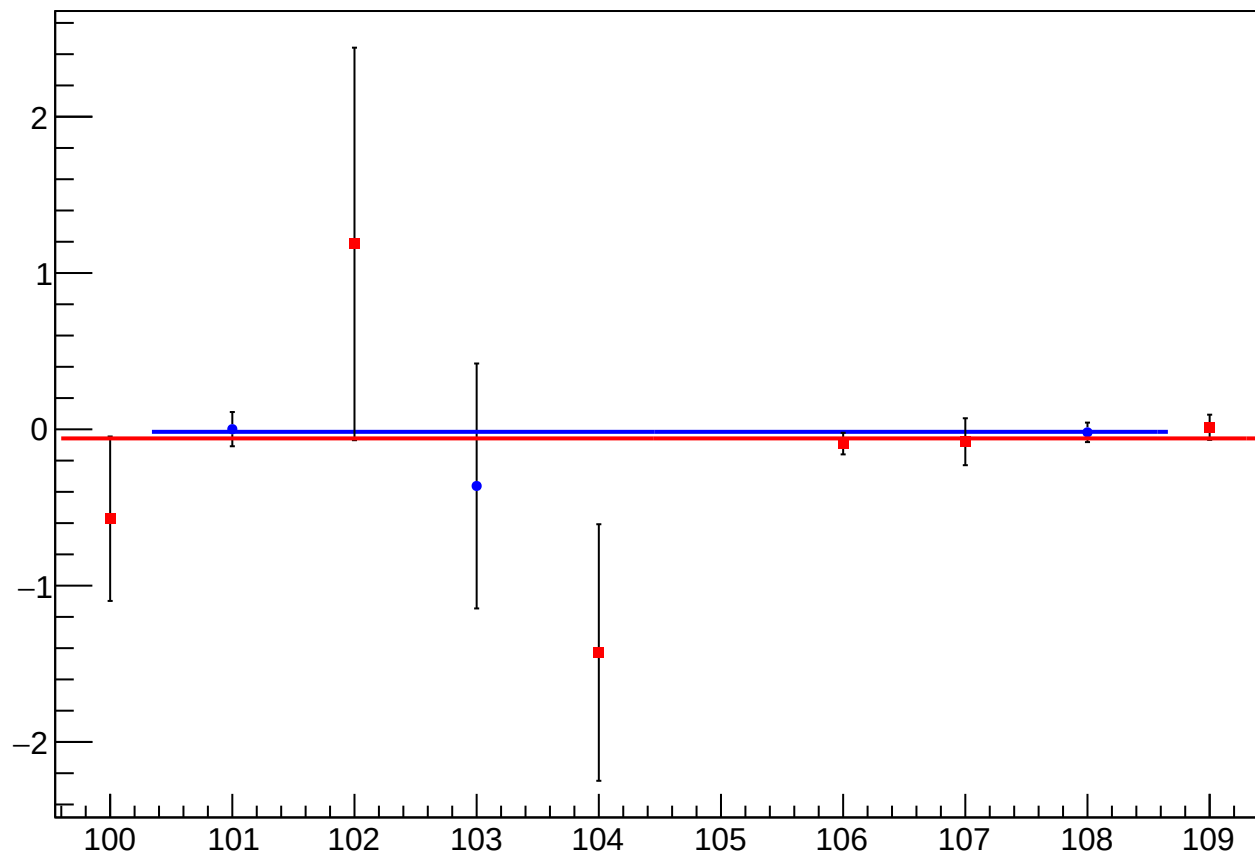
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.262 $\pm$ 0.026 χ^2 /NDF: 3233991.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 ± 0.054 χ^2/NDF : 0.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 ± 0.049 χ^2/NDF : 5.8/5

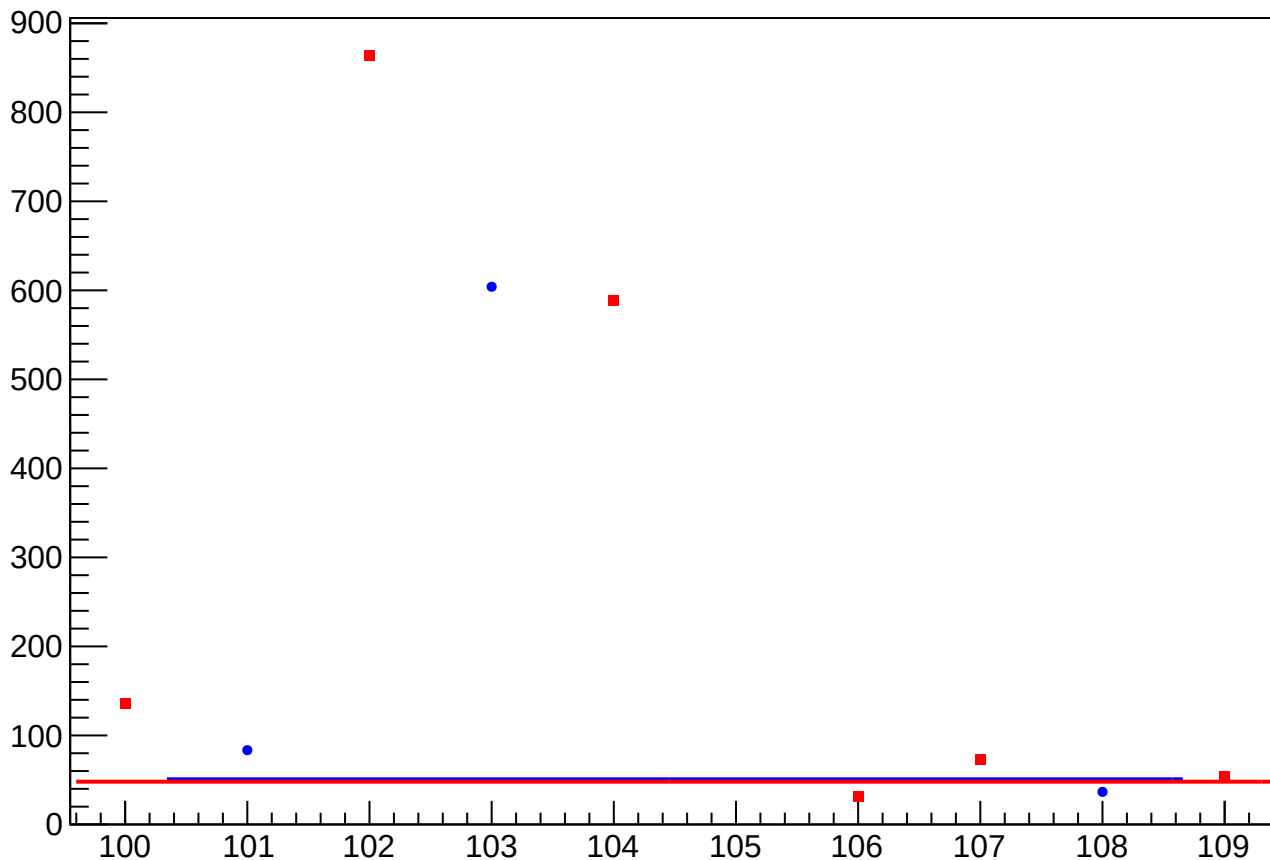
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.036 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.726+/-0.038 χ^2/NDF : 1278689.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.054+/-0.035 χ^2/NDF : 1952625.1/5

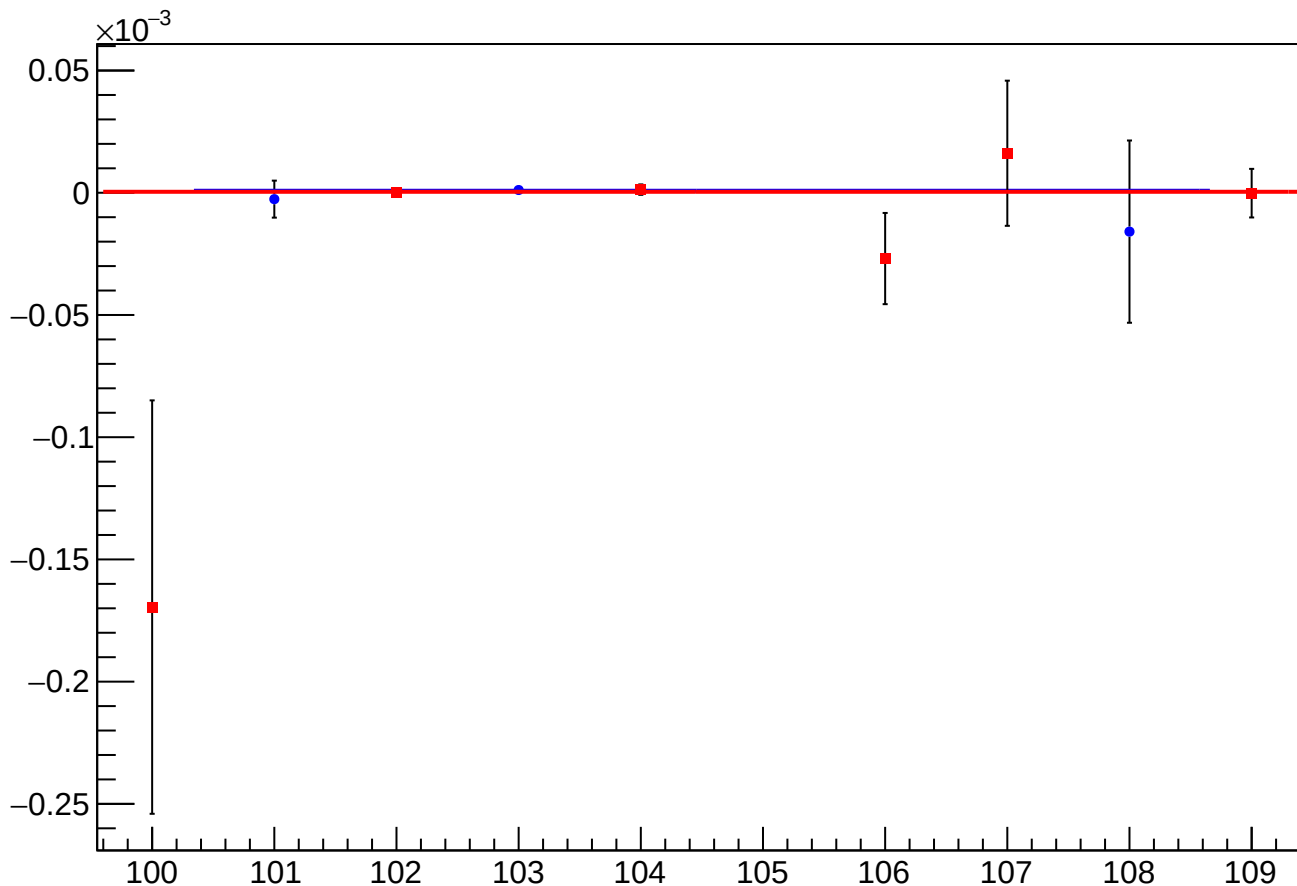
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.262+/-0.026 χ^2/NDF : 3233991.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.7/5

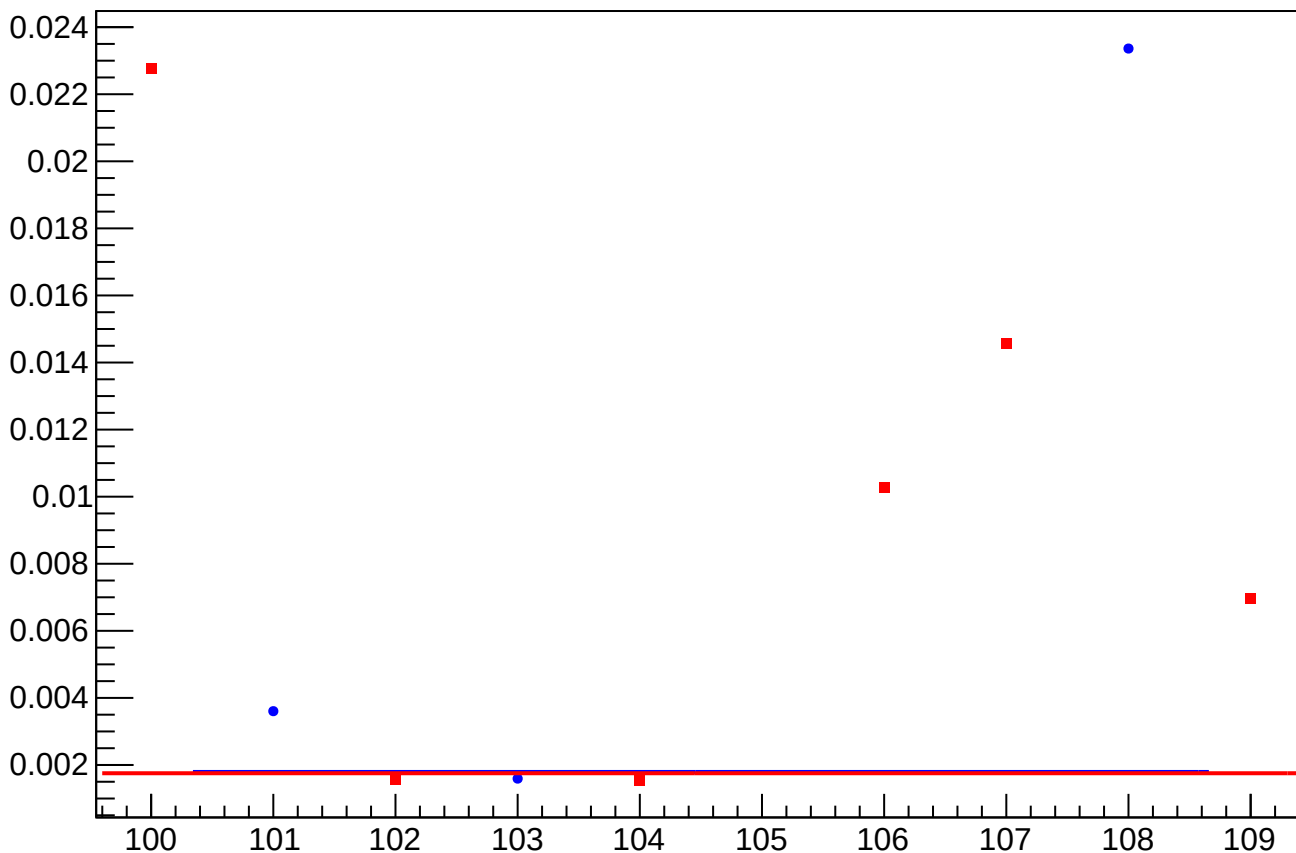
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 802886.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1500228.5/5

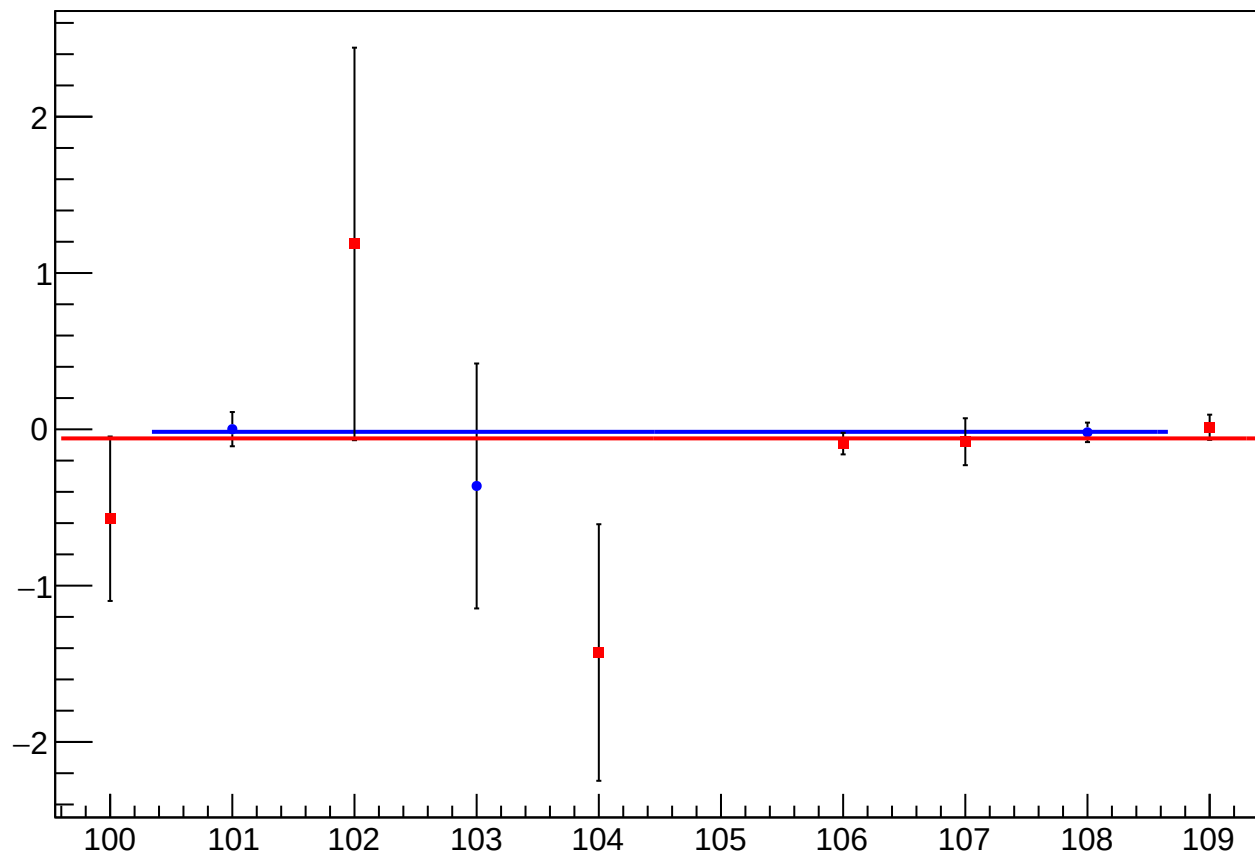
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2303606.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 ± 0.054 χ^2/NDF : 0.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 ± 0.049 χ^2/NDF : 5.8/5

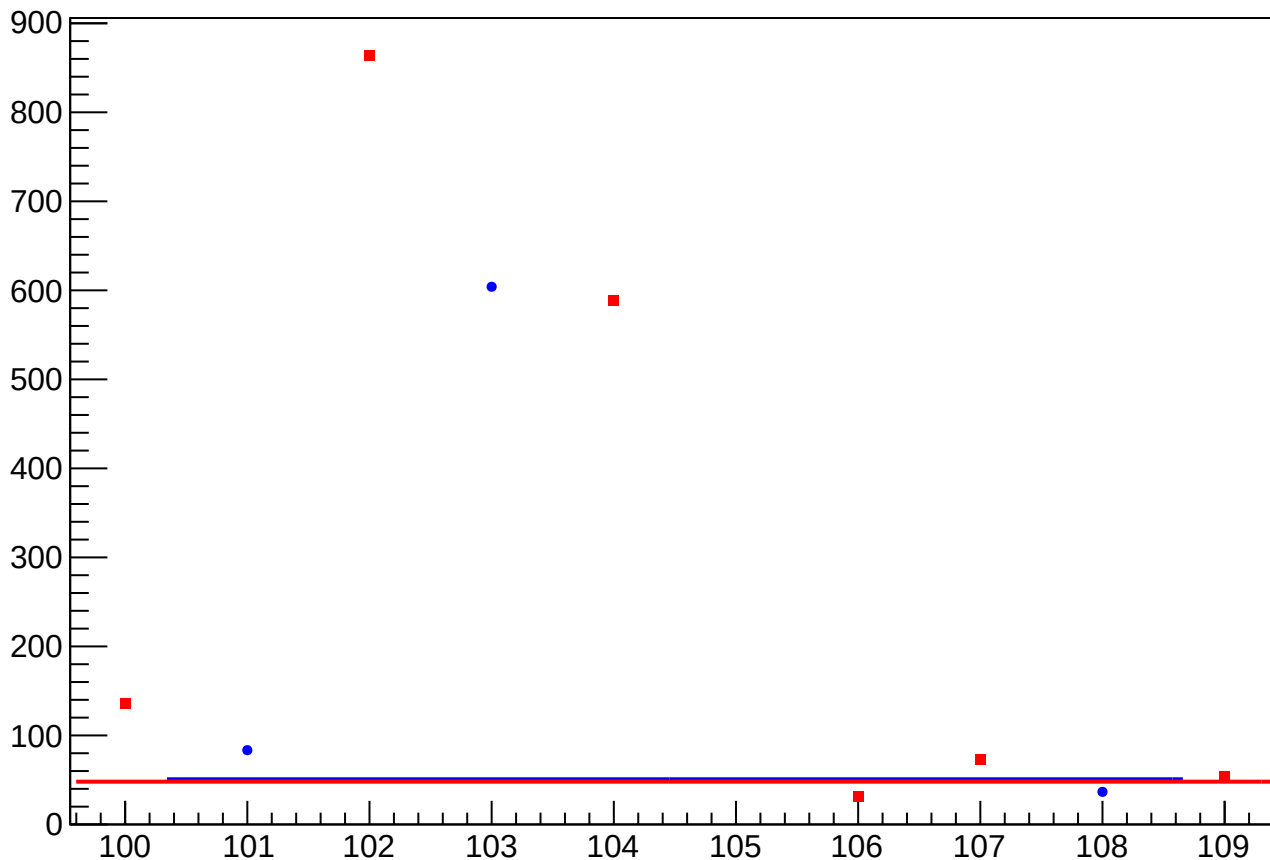
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.039 ± 0.036 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 50.745+/-0.038 χ^2/NDF : 1278447.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.059+/-0.035 χ^2/NDF : 1952506.6/5

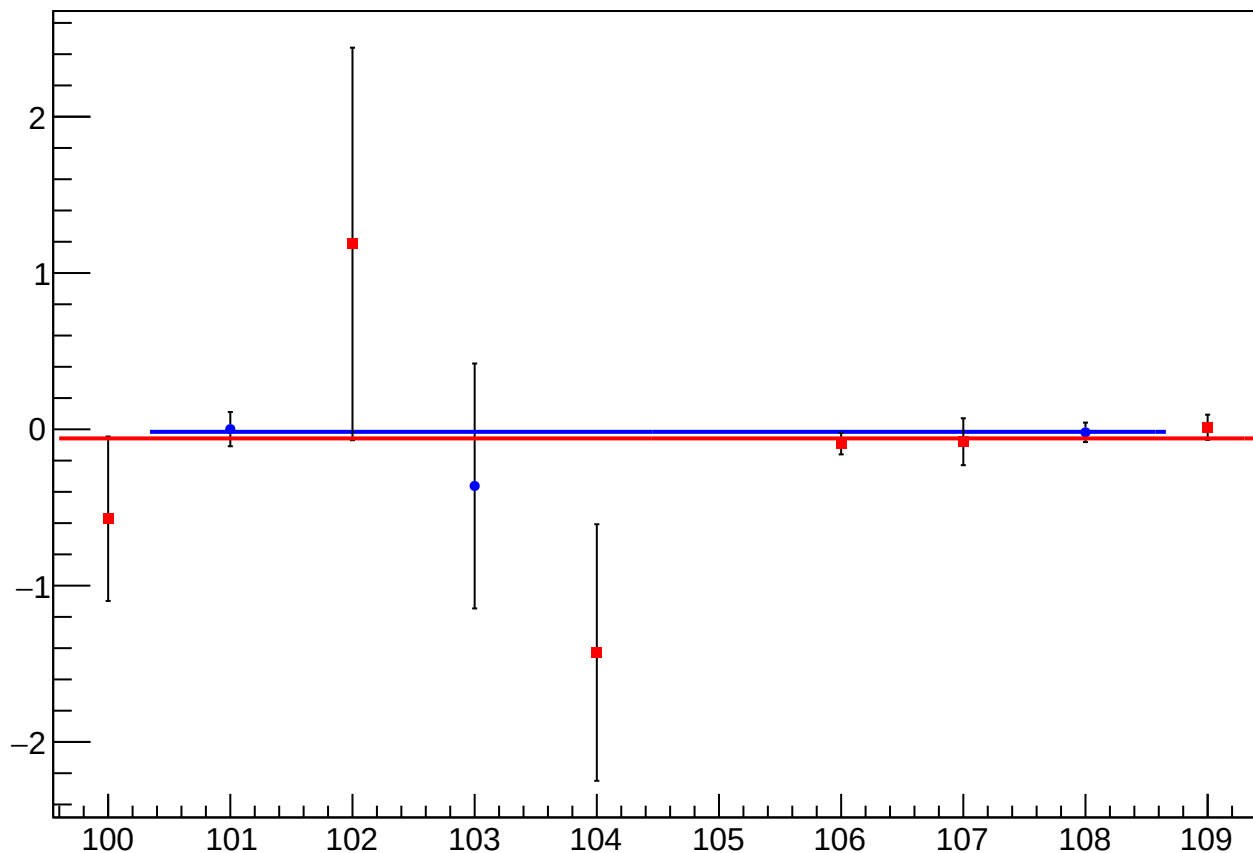
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.273+/-0.026 χ^2/NDF : 3233658.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.054 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.058 $\pm$ 0.049 χ^2 /NDF: 5.8/5

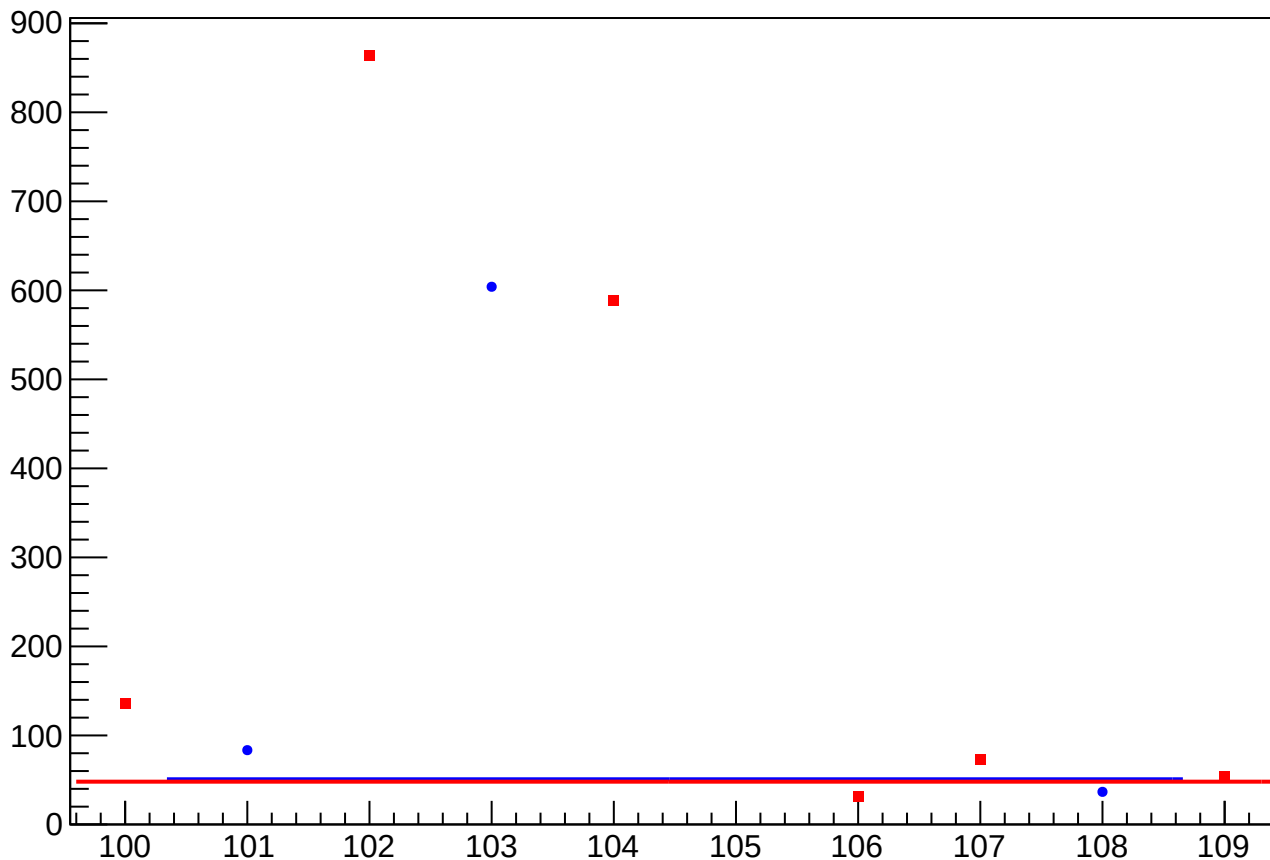
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.039 $\pm$ 0.036 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.745 $\pm$ 0.038 χ^2 /NDF: 1278447.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.059 $\pm$ 0.035 χ^2 /NDF: 1952506.6/5

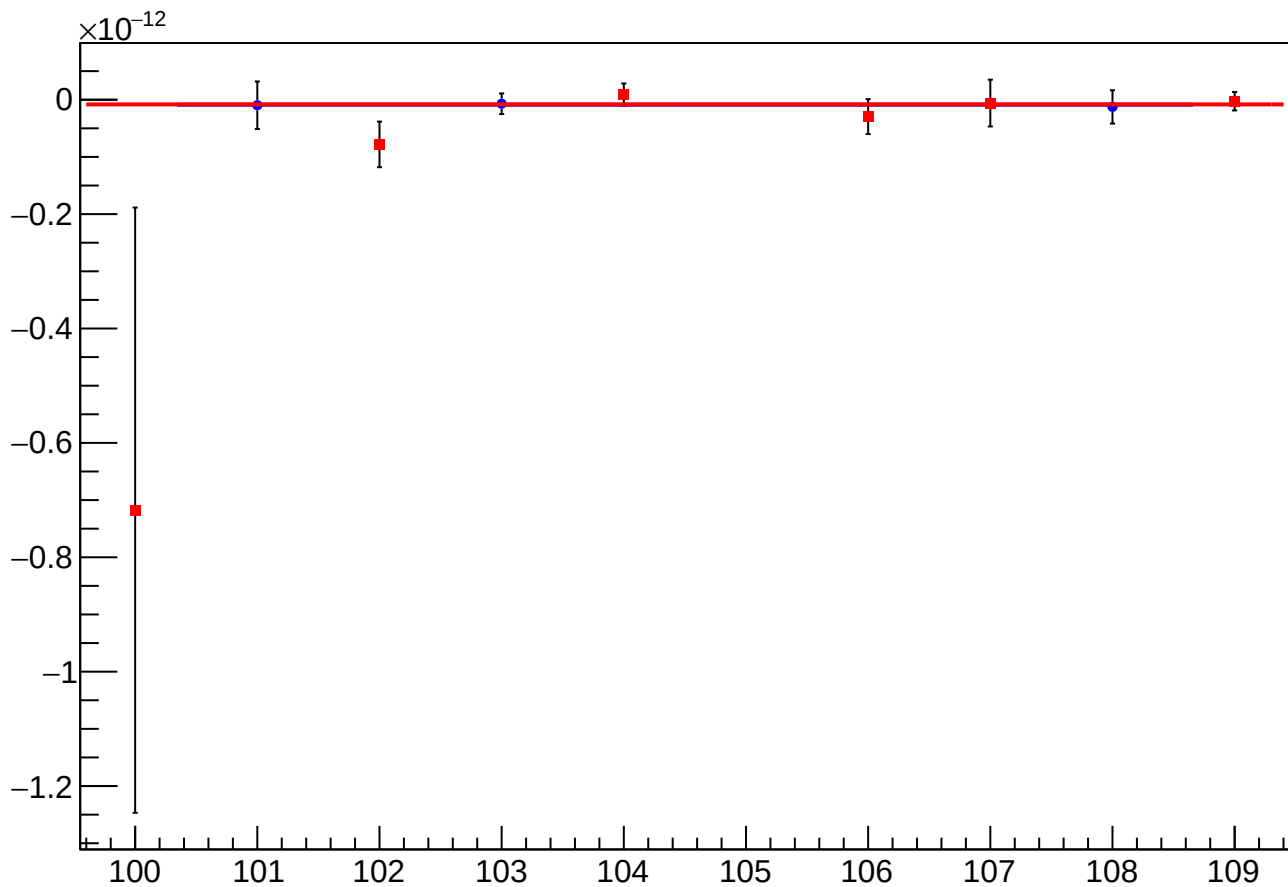
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.273 $\pm$ 0.026 χ^2 /NDF: 3233658.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.3/5

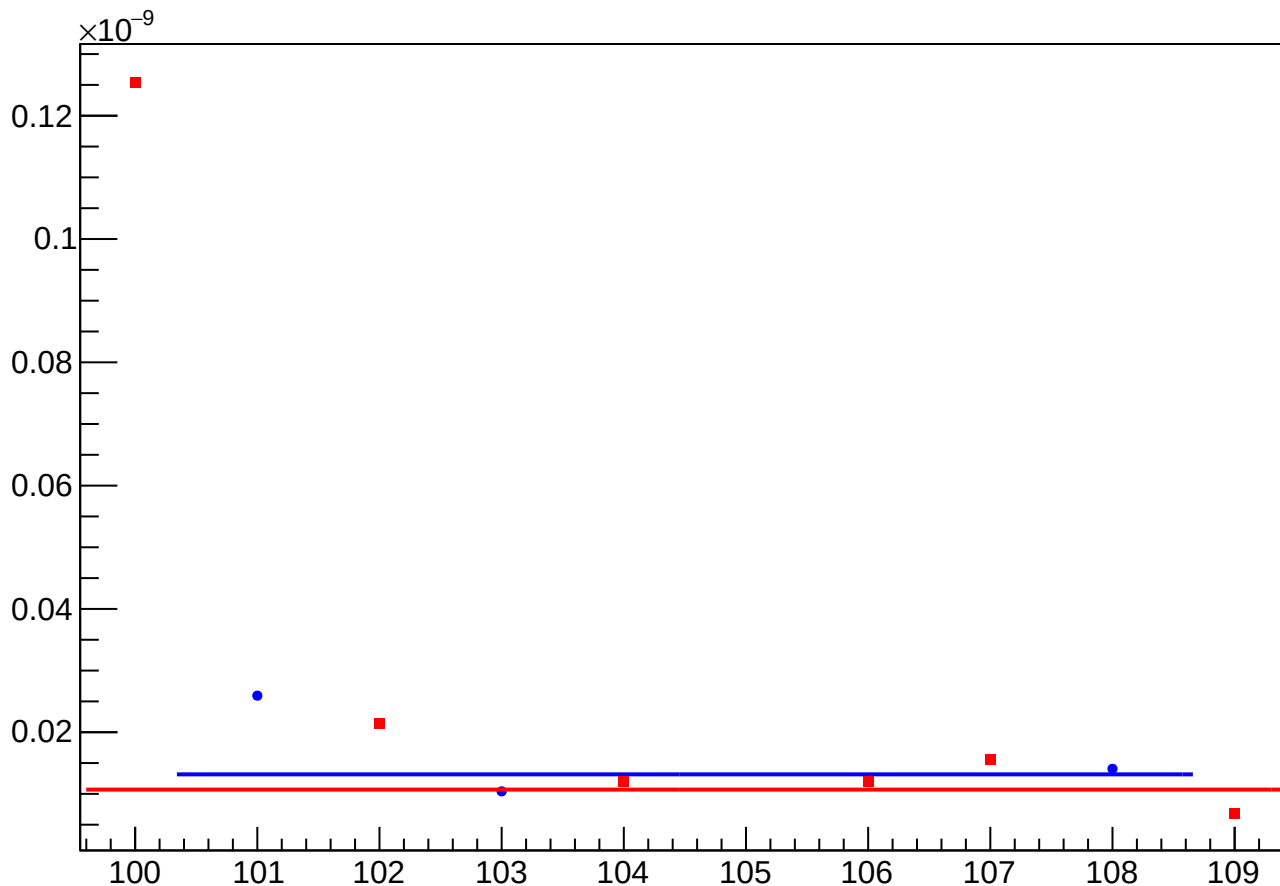
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 237550.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 399181.3/5

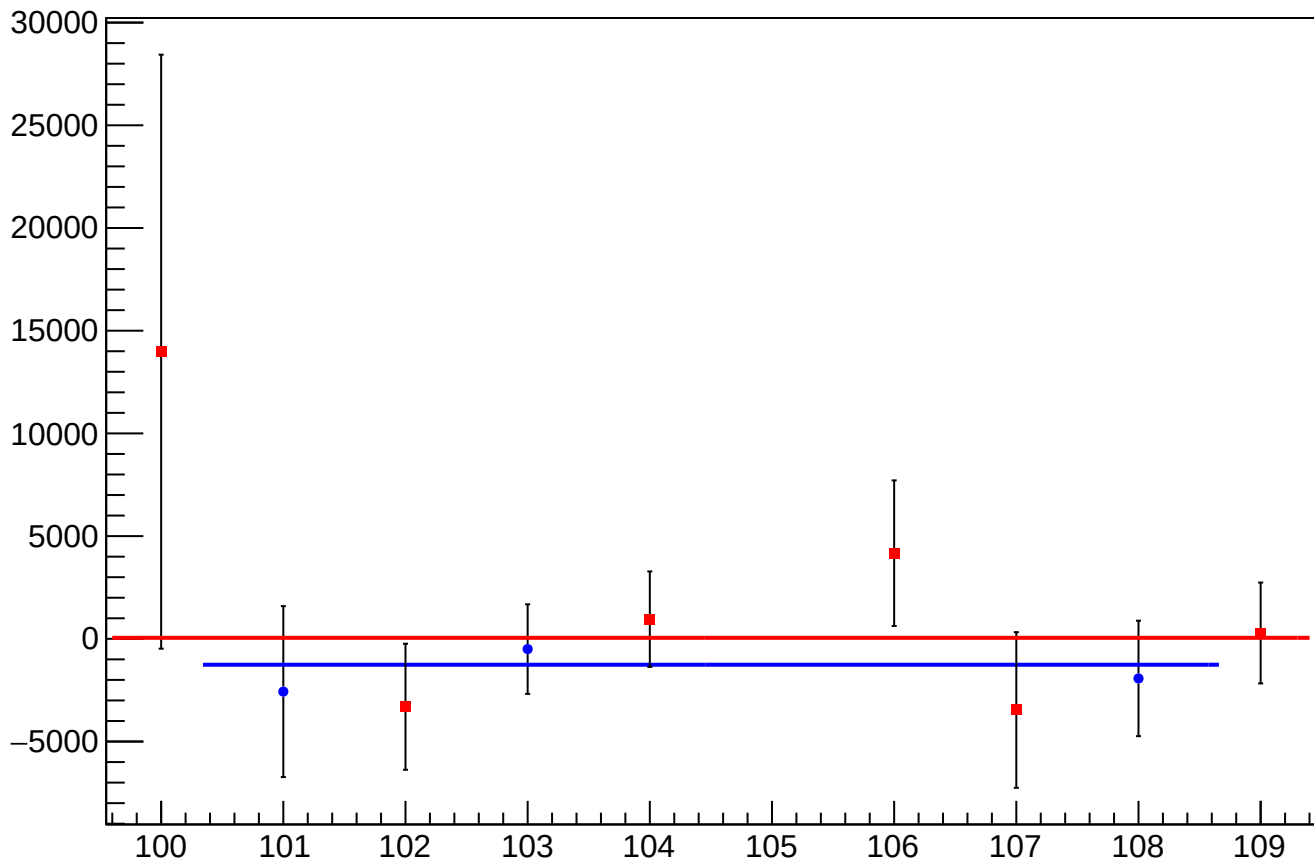
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 674851.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1261.263+/-1591.804 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.093+/-1279.262 χ^2/NDF : 4.5/5

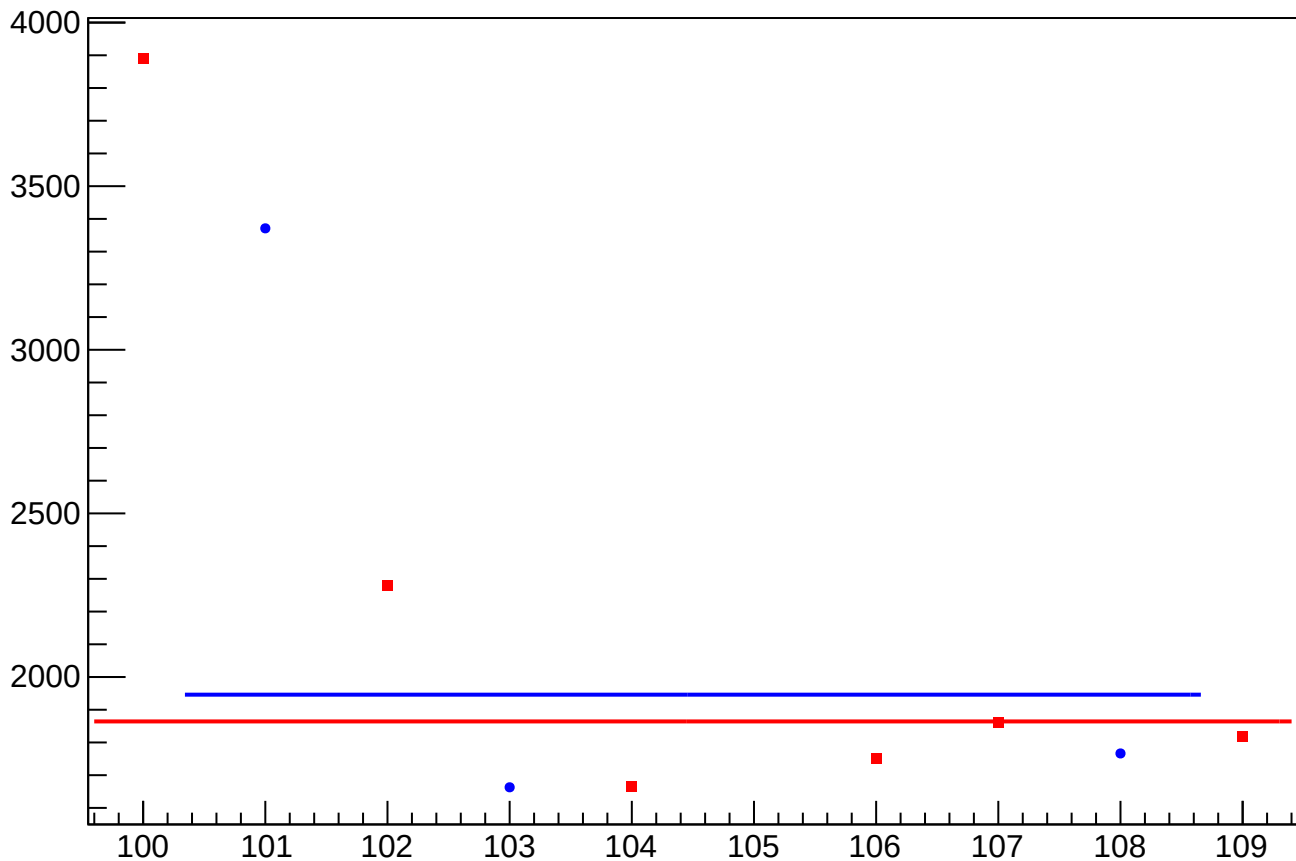
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.111+/-997.155 χ^2/NDF : 5.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1946.050+/-1.126 χ^2/NDF : 276375.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1864.282+/-0.905 χ^2/NDF : 93419.5/5

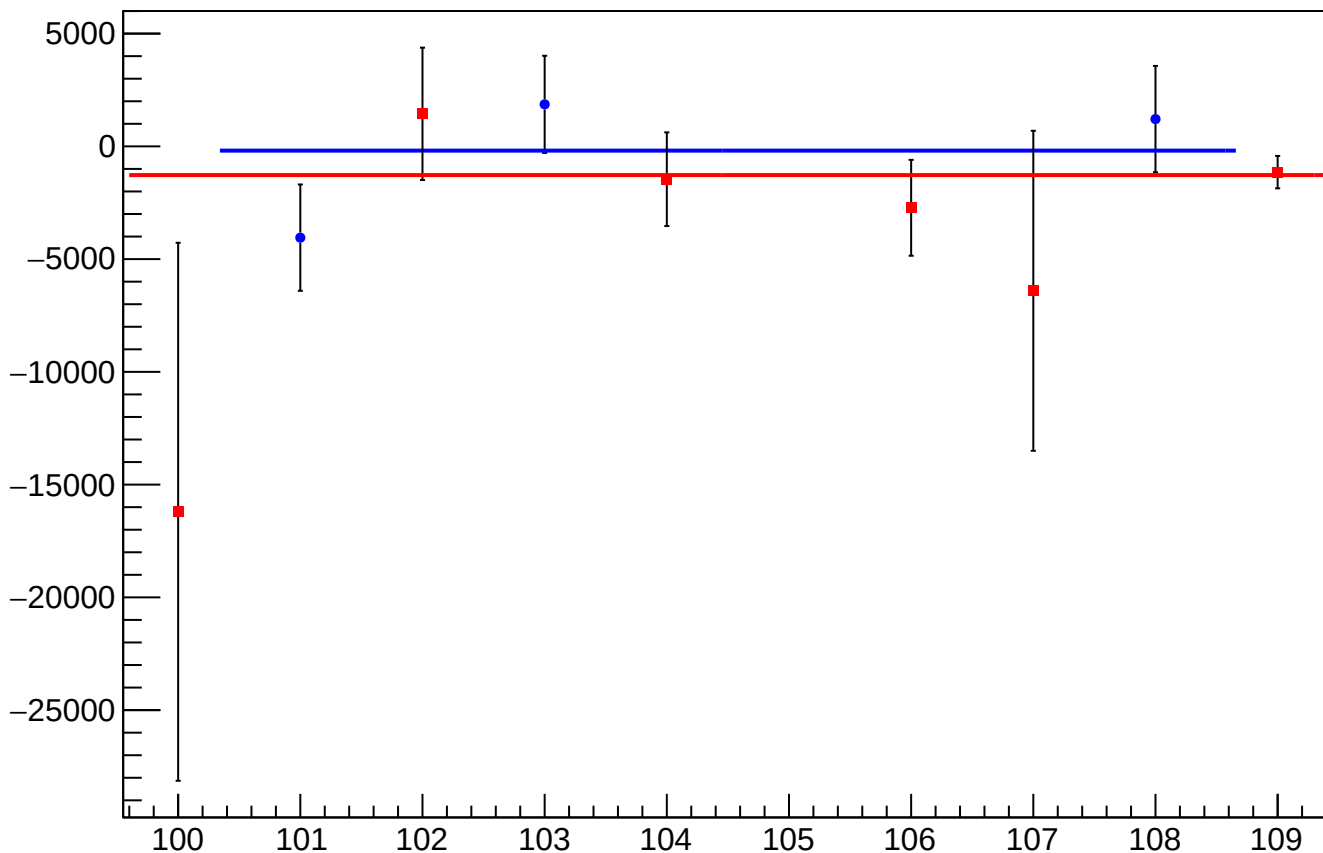
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1896.369+/-0.705 χ^2/NDF : 373001.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug



Right In: -188.656+/-1318.336 χ^2/NDF : 3.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1274.559+/-627.835 χ^2/NDF : 3.5/5

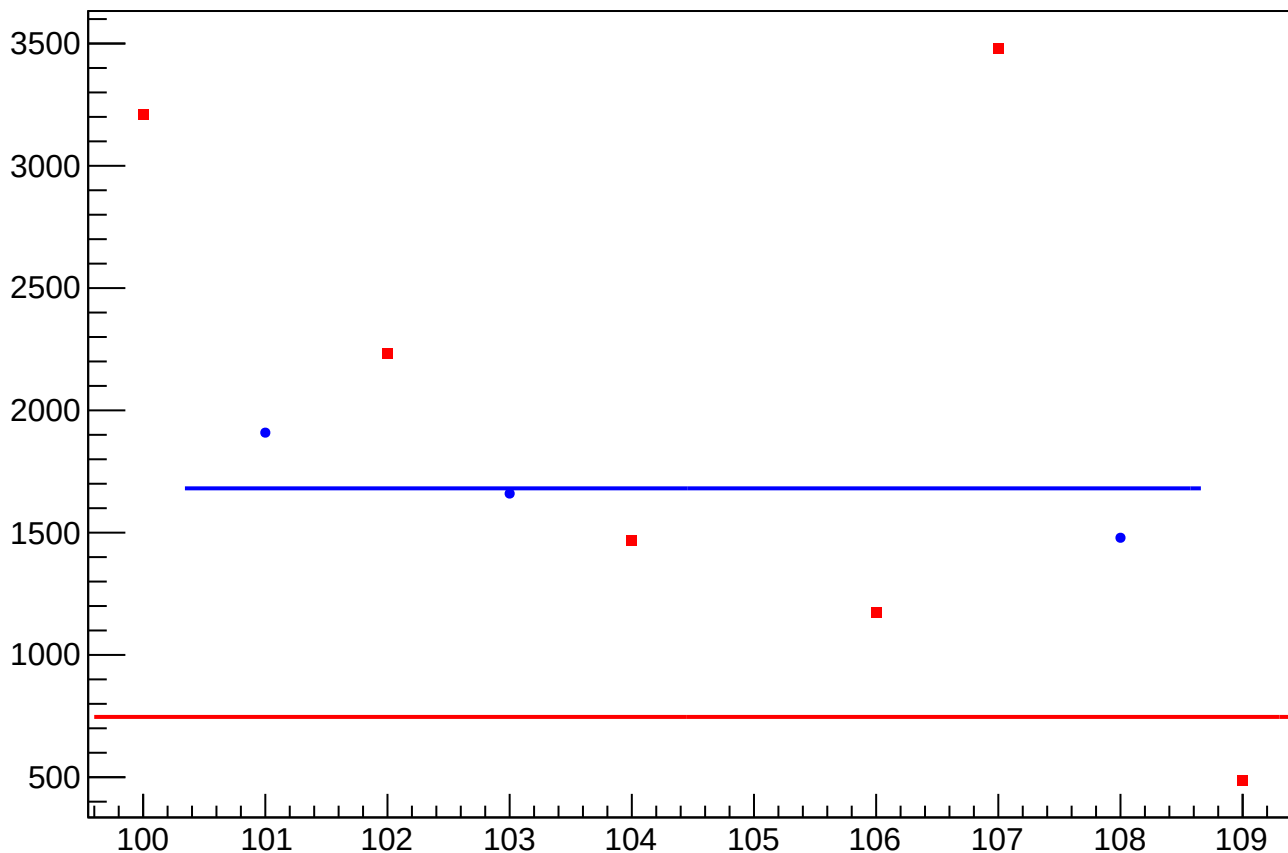
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1073.808+/-566.838 χ^2/NDF : 7.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug



Right In: 1681.156 $\pm$ 0.932 χ^2 /NDF: 33552.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 746.523 $\pm$ 0.444 χ^2 /NDF: 1480314.3/5

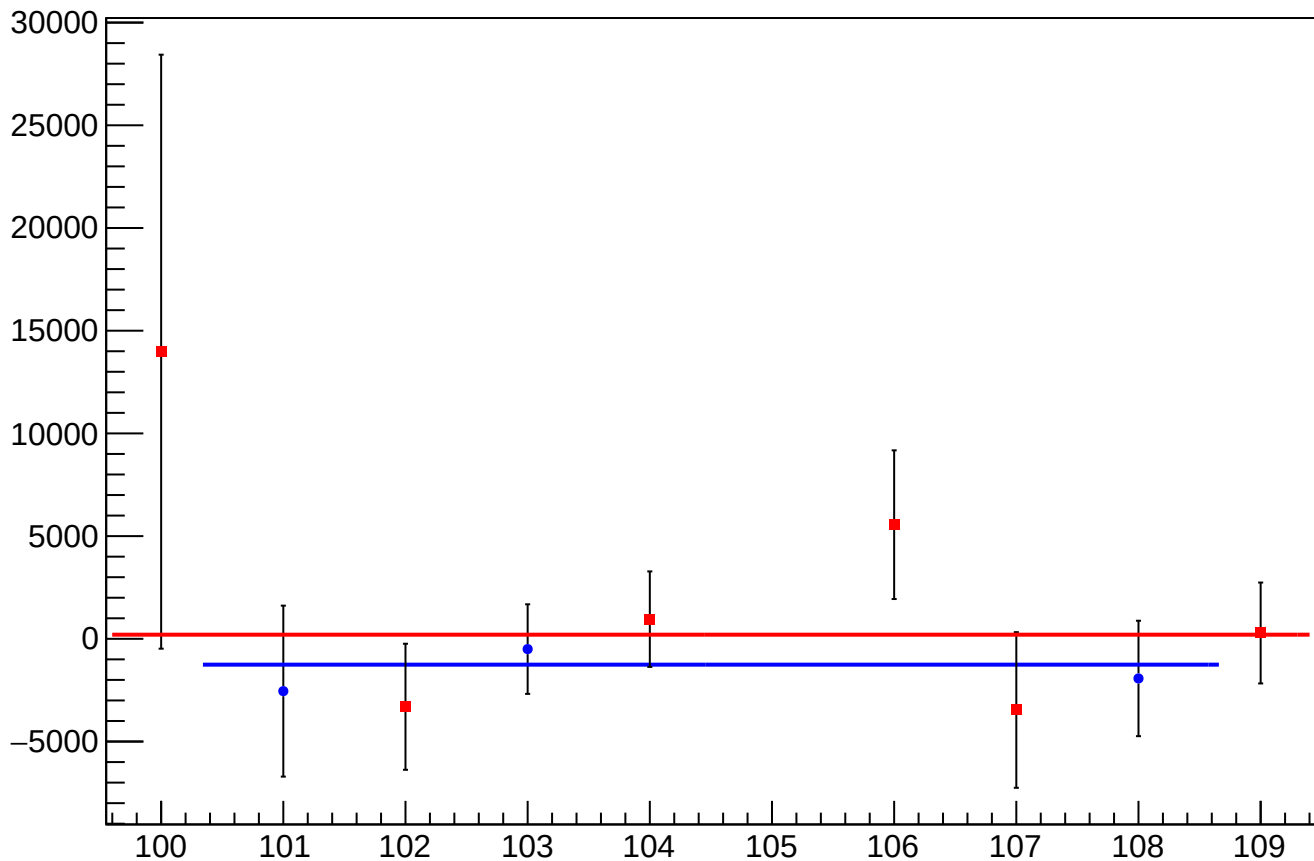
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 919.309 $\pm$ 0.401 χ^2 /NDF: 2333250.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1257.764 $\pm$ 1591.807 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 201.582 $\pm$ 1282.677 χ^2 /NDF: 5.4/5

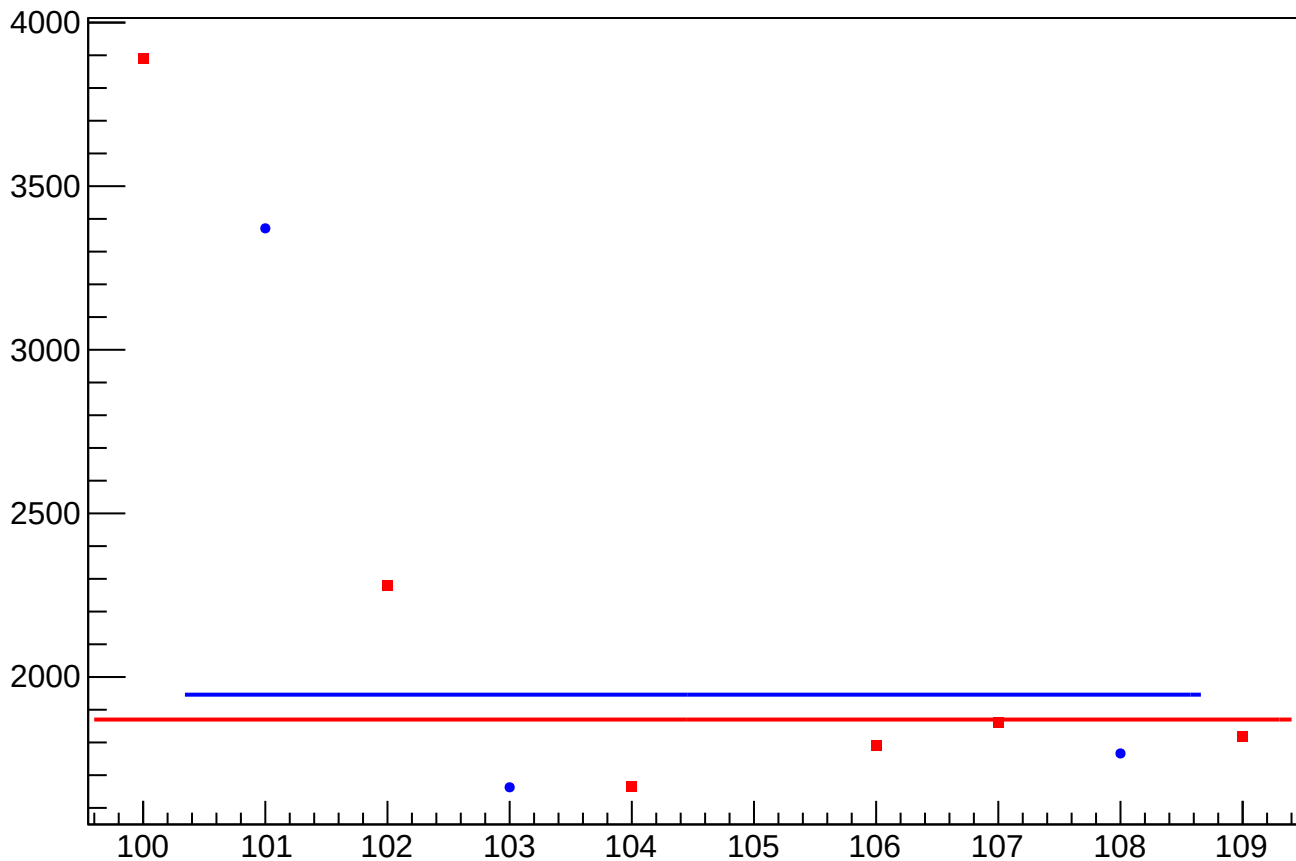
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -372.943 $\pm$ 998.771 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1946.050+/-1.126 χ^2/NDF : 276377.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1870.024+/-0.907 χ^2/NDF : 92131.6/5

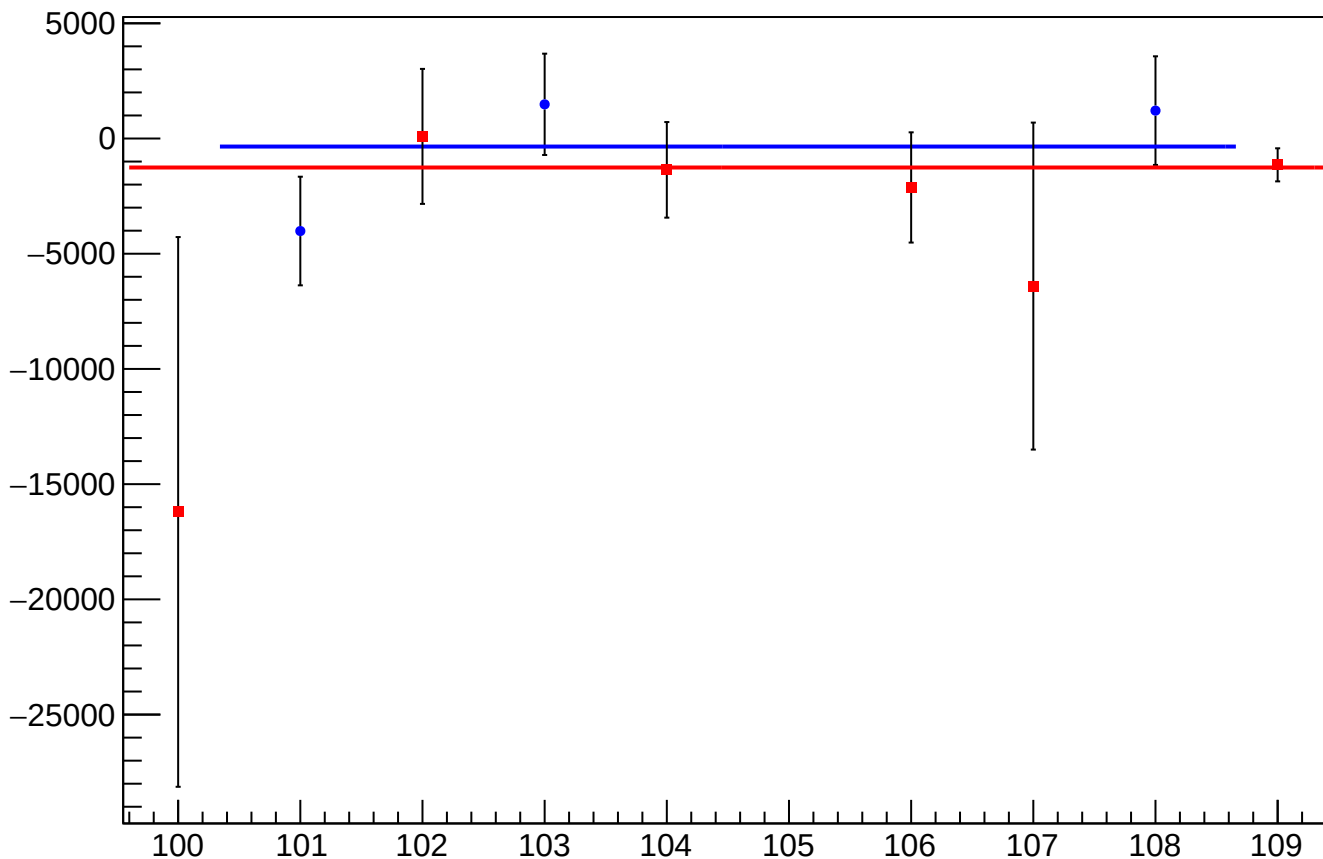
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1899.954+/-0.706 χ^2/NDF : 371275.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug



Right In: -349.032+/-1328.169 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1258.324+/-633.536 χ^2/NDF : 2.5/5

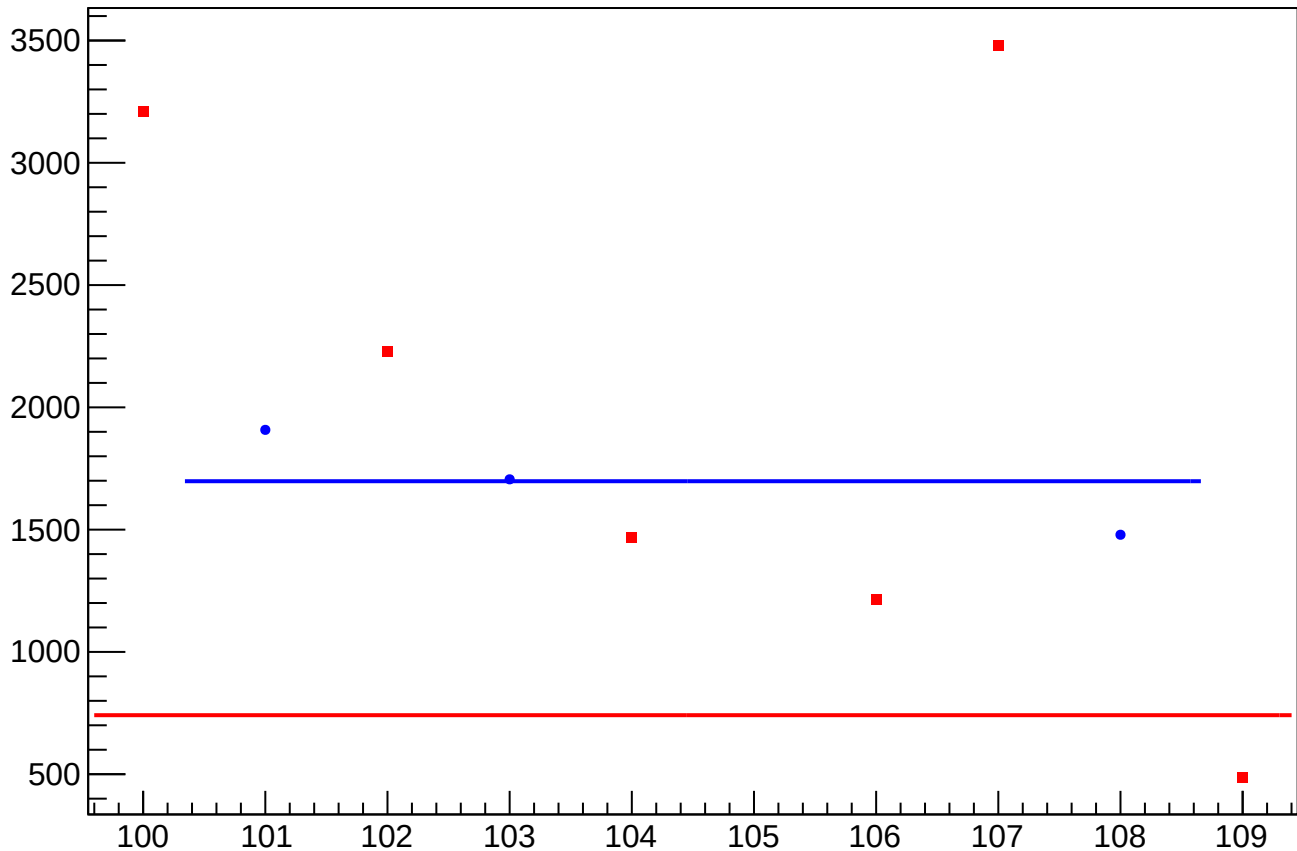
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1089.782+/-571.815 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1698.012 $\pm$ 0.939 χ^2 /NDF: 33149.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 741.302 $\pm$ 0.448 χ^2 /NDF: 1473997.2/5

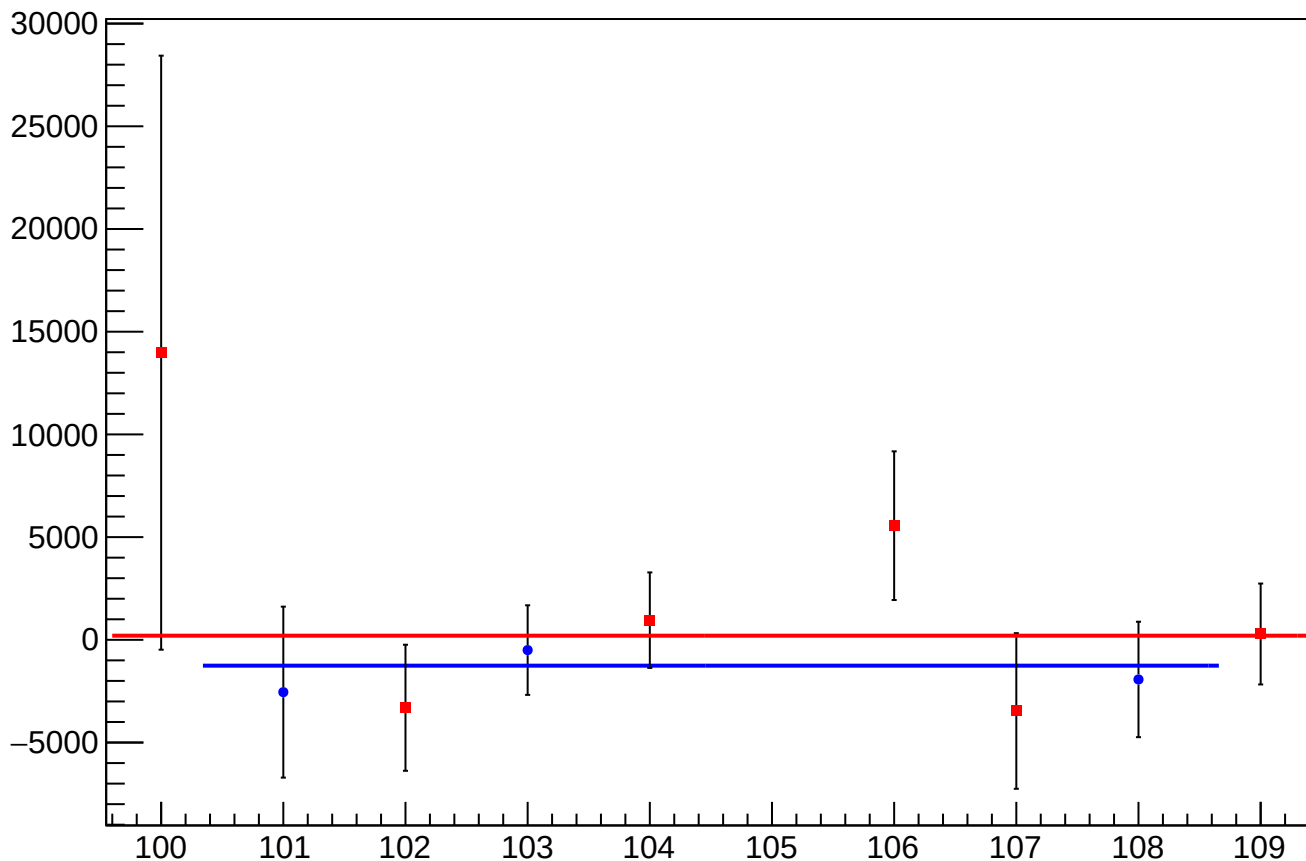
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 918.633 $\pm$ 0.404 χ^2 /NDF: 2352528.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1257.764 $\pm$ 1591.807 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 201.582 $\pm$ 1282.677 χ^2 /NDF: 5.4/5

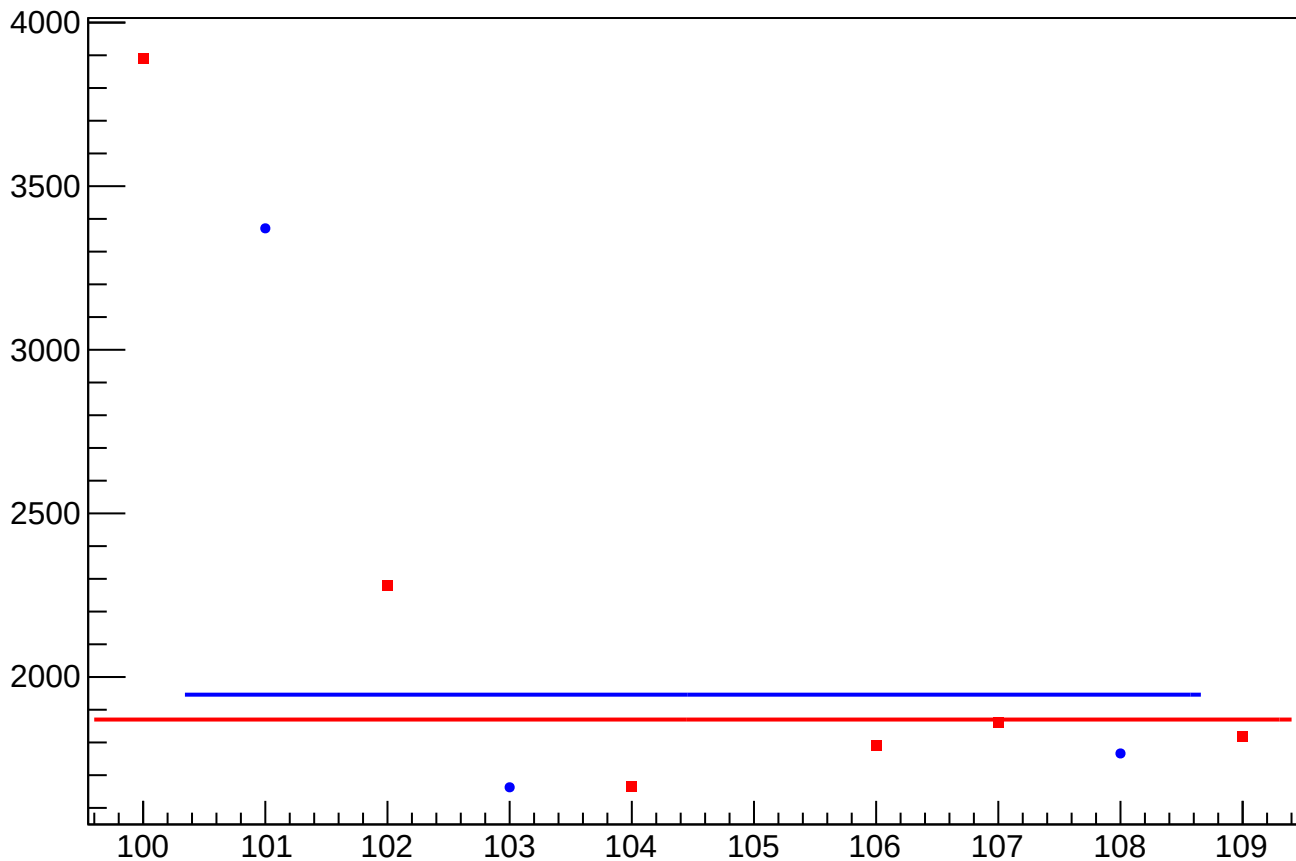
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -372.943 $\pm$ 998.771 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1946.050 $\pm$ 1.126 χ^2 /NDF: 276377.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1870.024 $\pm$ 0.907 χ^2 /NDF: 92131.6/5

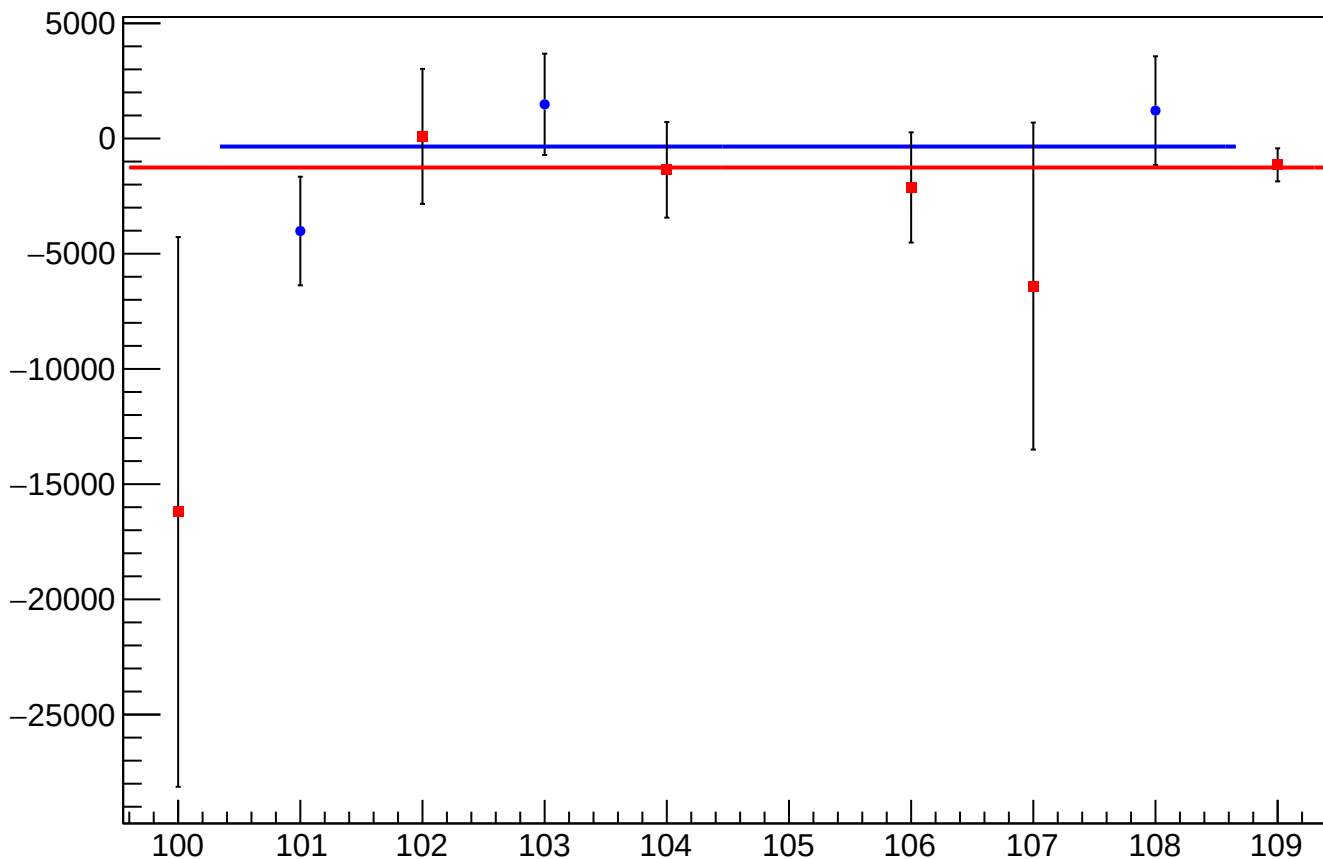
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1899.954 $\pm$ 0.706 χ^2 /NDF: 371275.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -349.032+/-1328.169 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1258.324+/-633.536 χ^2/NDF : 2.5/5

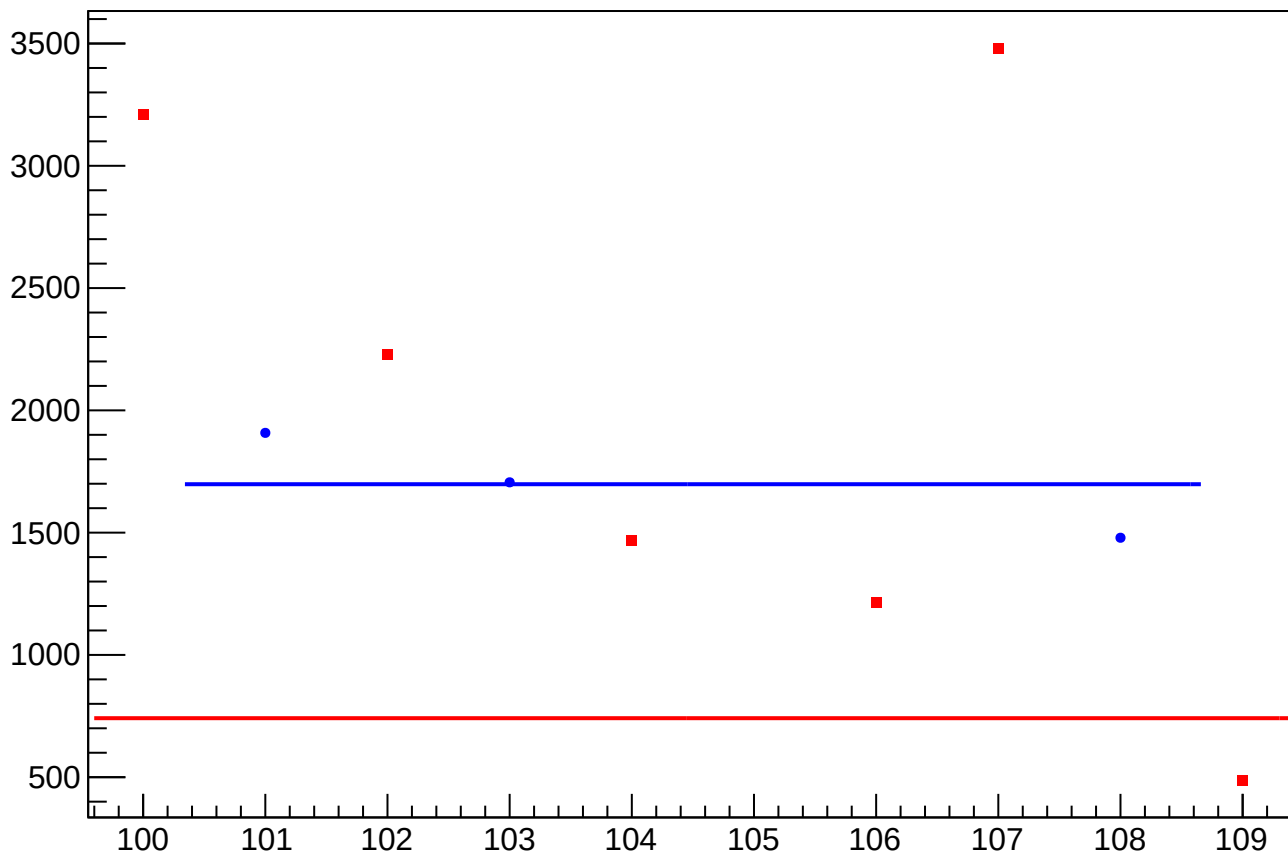
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1089.782+/-571.815 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1698.012 $\pm$ 0.939 χ^2 /NDF: 33149.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 741.302 $\pm$ 0.448 χ^2 /NDF: 1473997.2/5

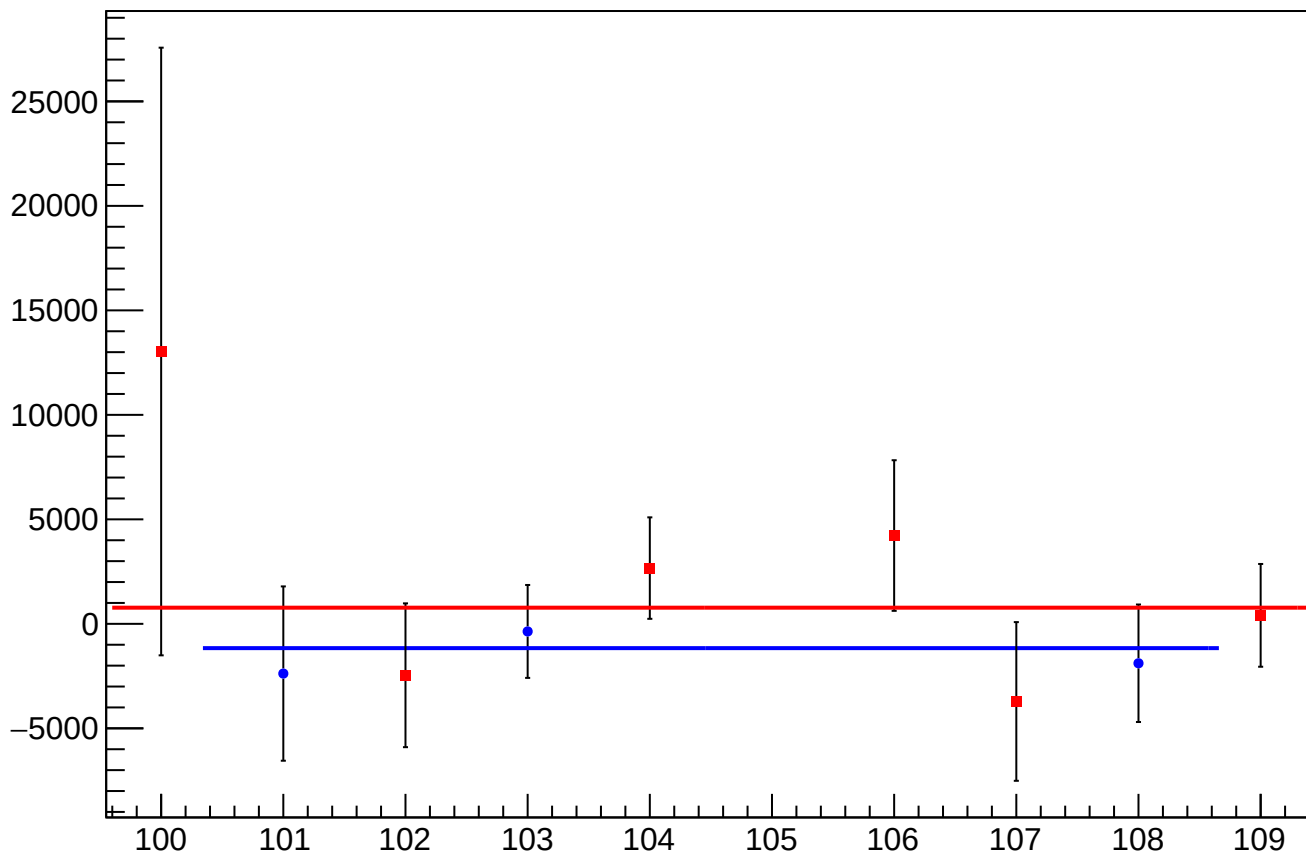
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 918.633 $\pm$ 0.404 χ^2 /NDF: 2352528.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1162.385 $\pm$ 1608.771 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 773.350 $\pm$ 1323.751 χ^2 /NDF: 4.5/5

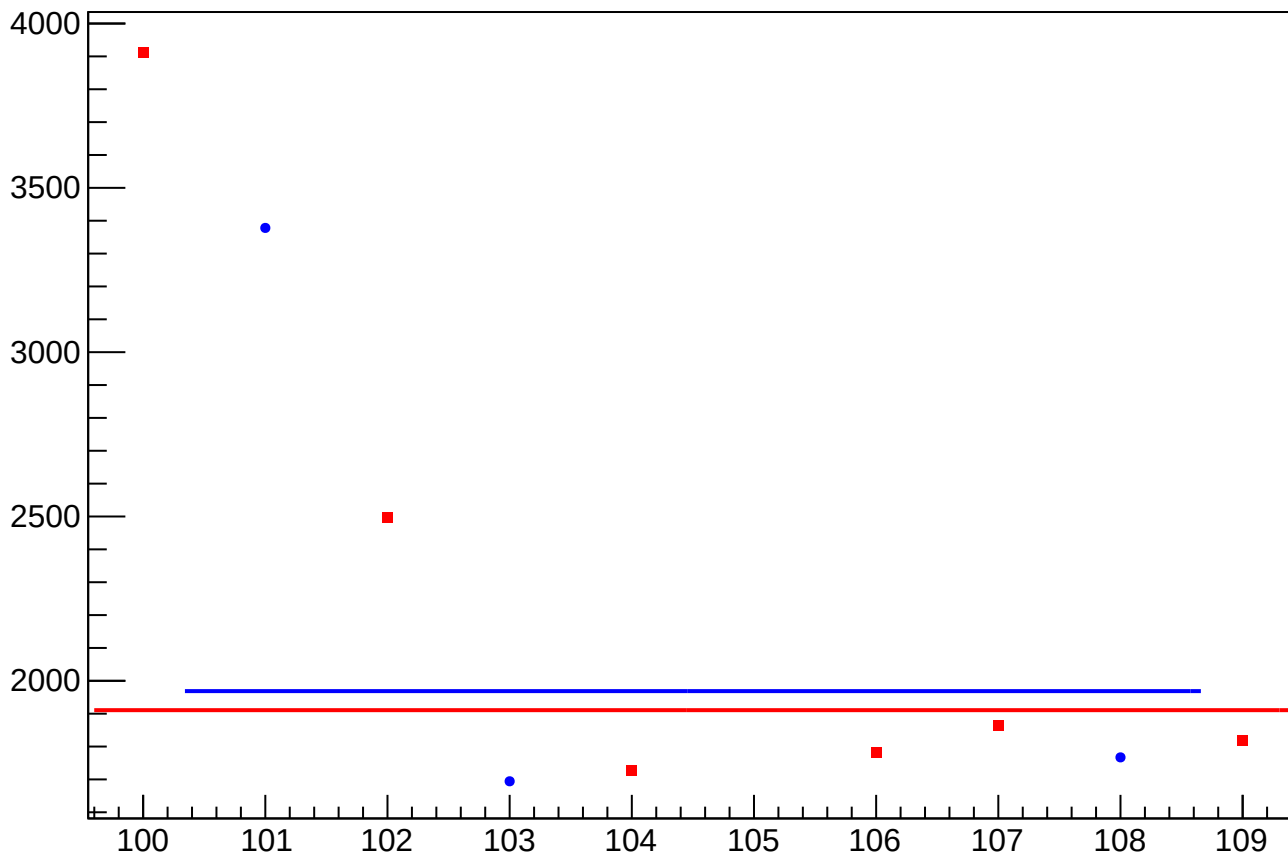
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.139 $\pm$ 1022.193 χ^2 /NDF: 5.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1968.682 $\pm$ 1.138 χ^2 /NDF: 269180.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1910.691 $\pm$ 0.936 χ^2 /NDF: 112942.2/5

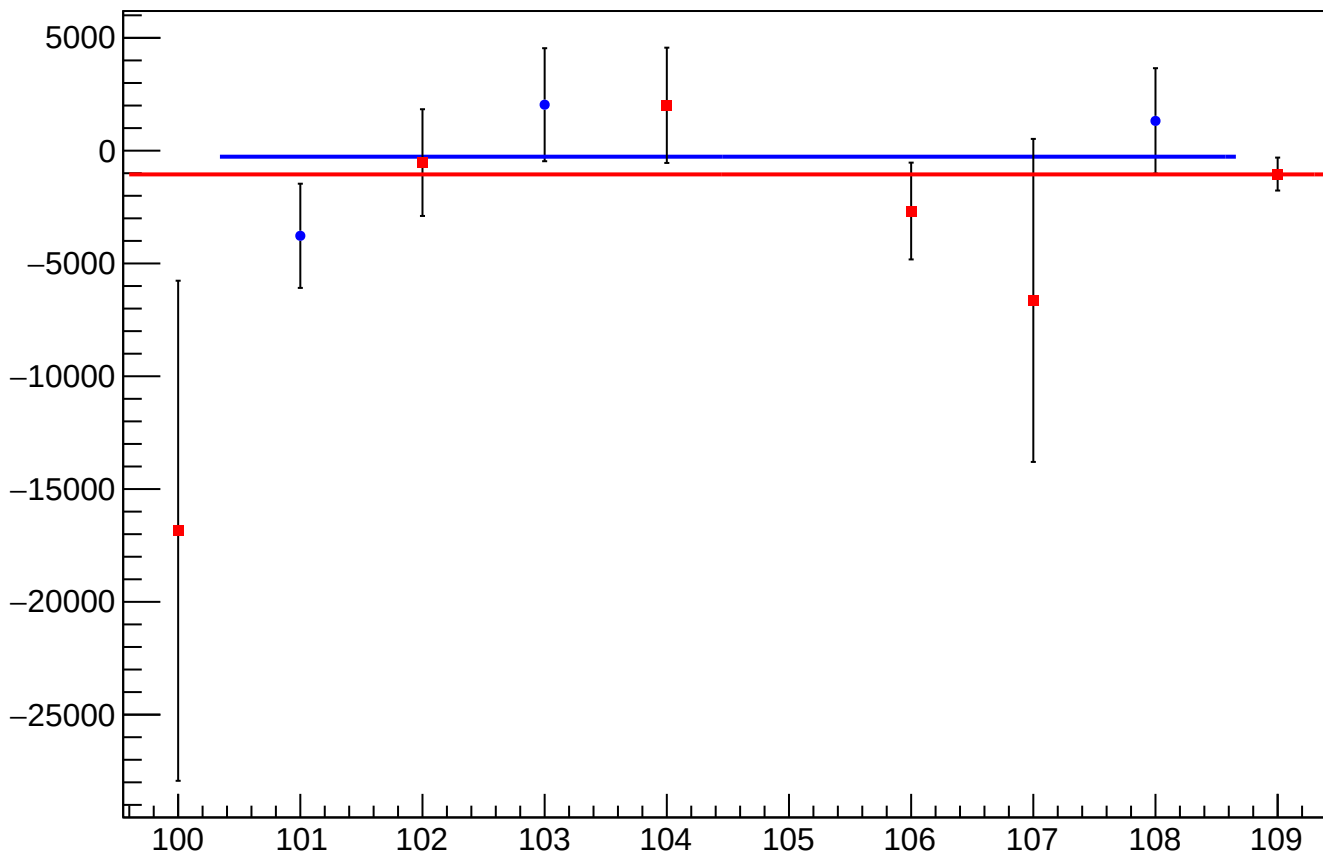
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1934.102 $\pm$ 0.723 χ^2 /NDF: 383671.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug



Right In: -267.109+/-1373.674 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1052.166+/-638.769 χ^2/NDF : 4.7/5

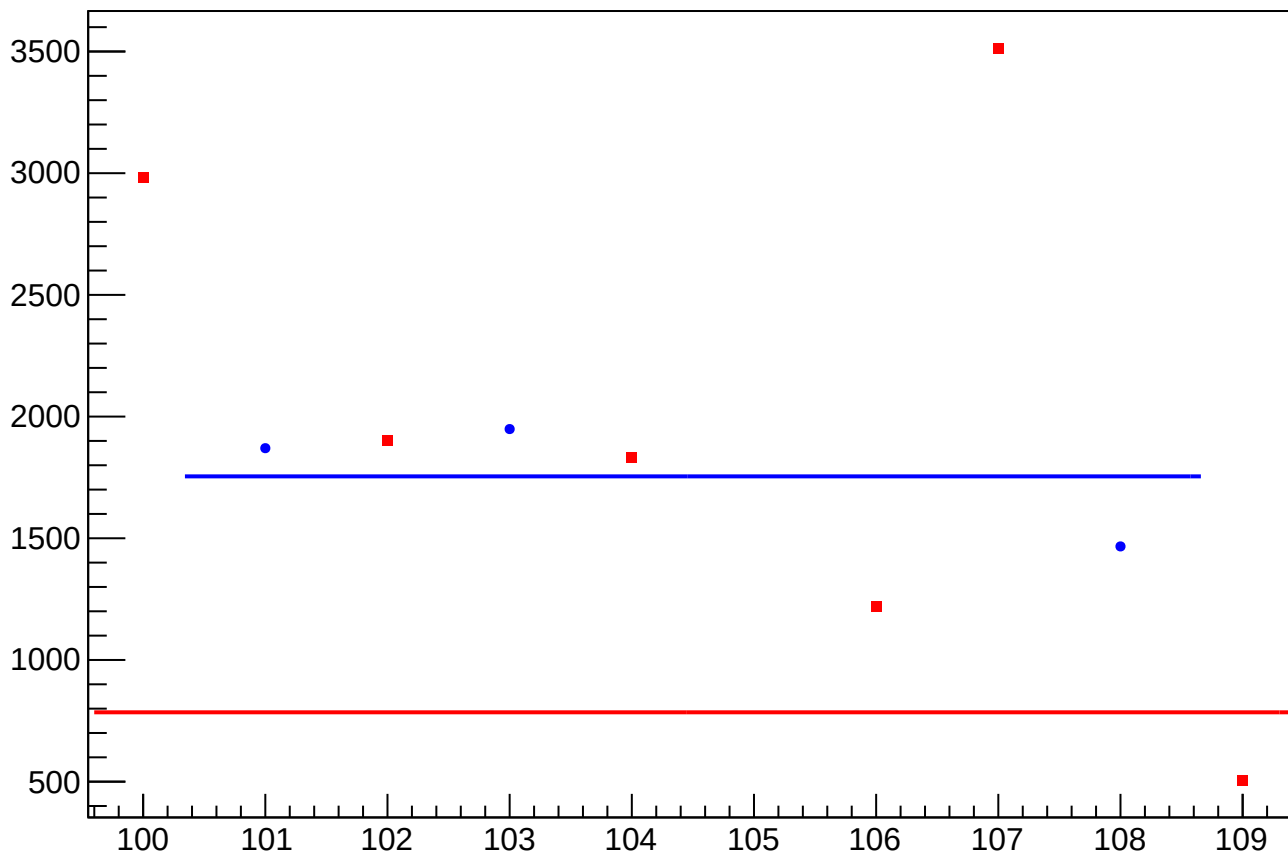
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -912.592+/-579.210 χ^2/NDF : 8.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1754.359+/-0.971 χ^2 /NDF: 47403.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 784.949+/-0.452 χ^2 /NDF: 1530808.9/5

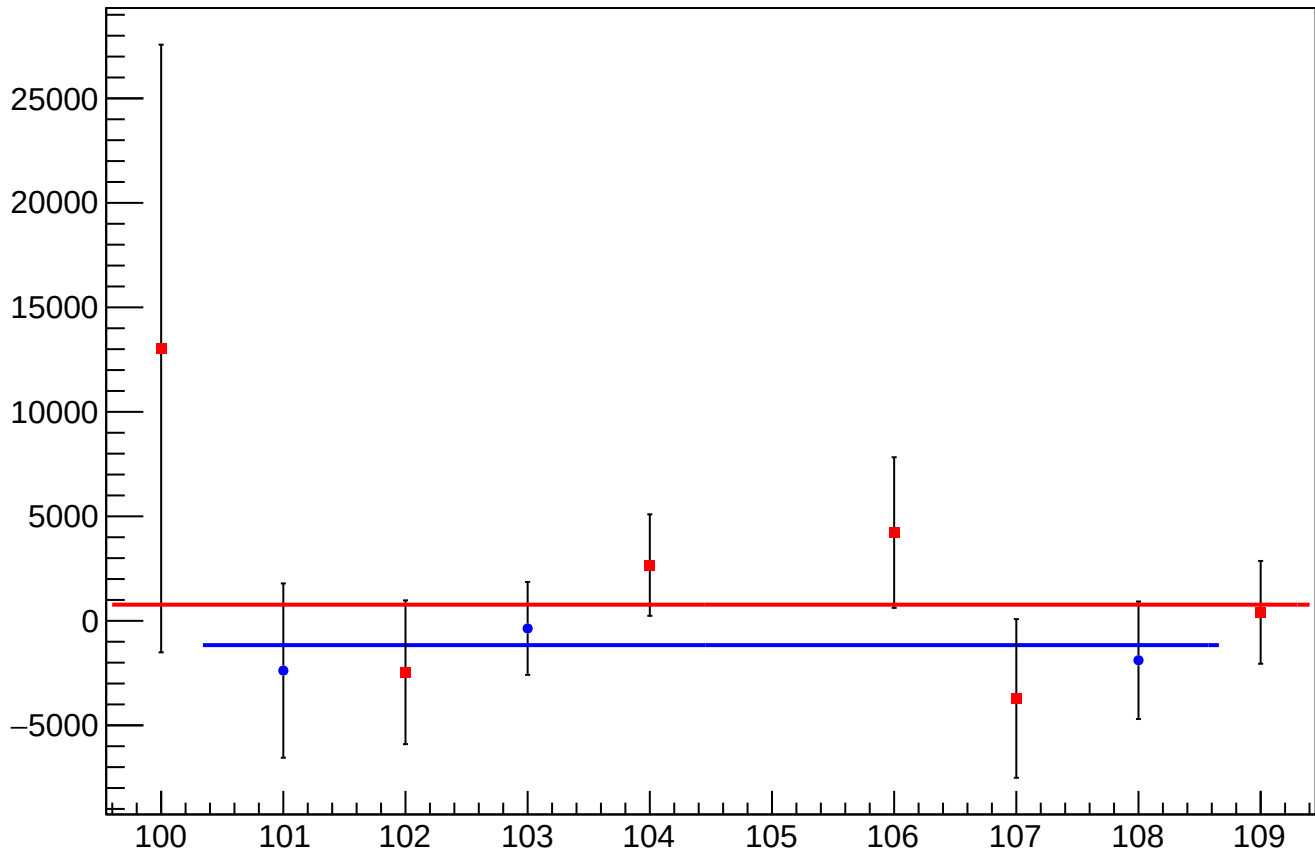
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 957.299+/-0.410 χ^2 /NDF: 2397168.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1162.378+/-1608.771 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 773.351+/-1323.752 χ^2/NDF : 4.5/5

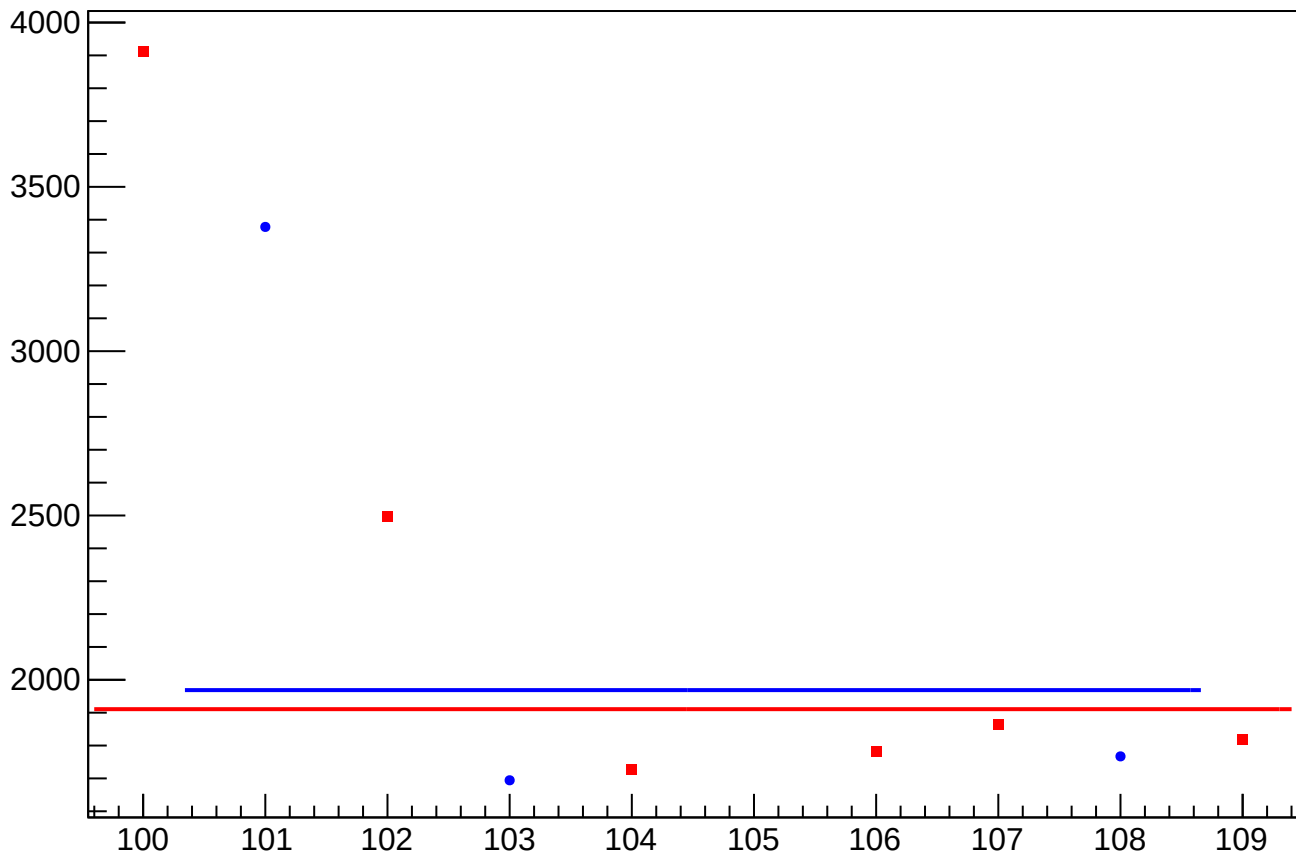
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.136+/-1022.193 χ^2/NDF : 5.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1968.682+/-1.138 χ^2/NDF : 269180.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1910.691+/-0.936 χ^2/NDF : 112942.1/5

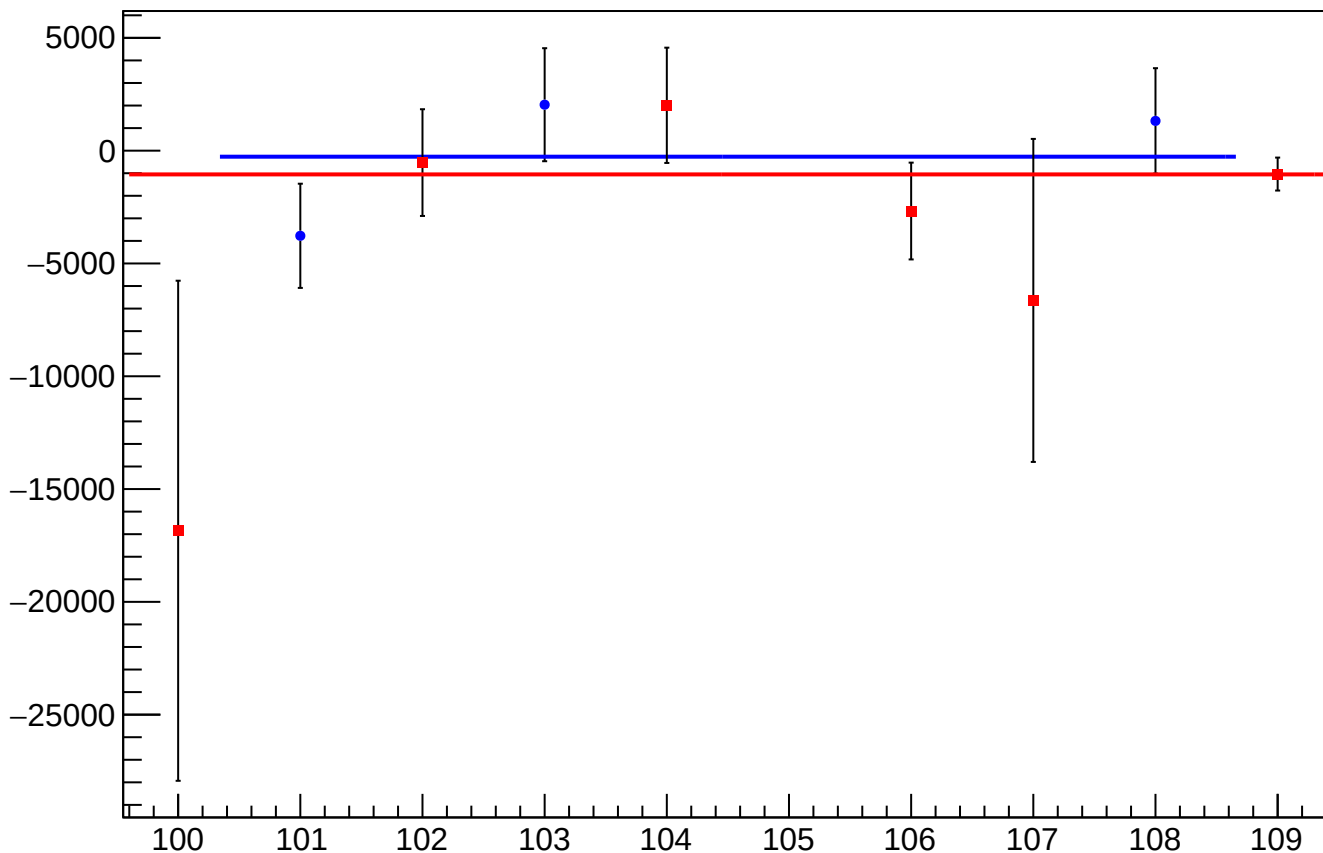
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1934.103+/-0.723 χ^2/NDF : 383671.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -267.104+/-1373.671 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1052.168+/-638.770 χ^2/NDF : 4.7/5

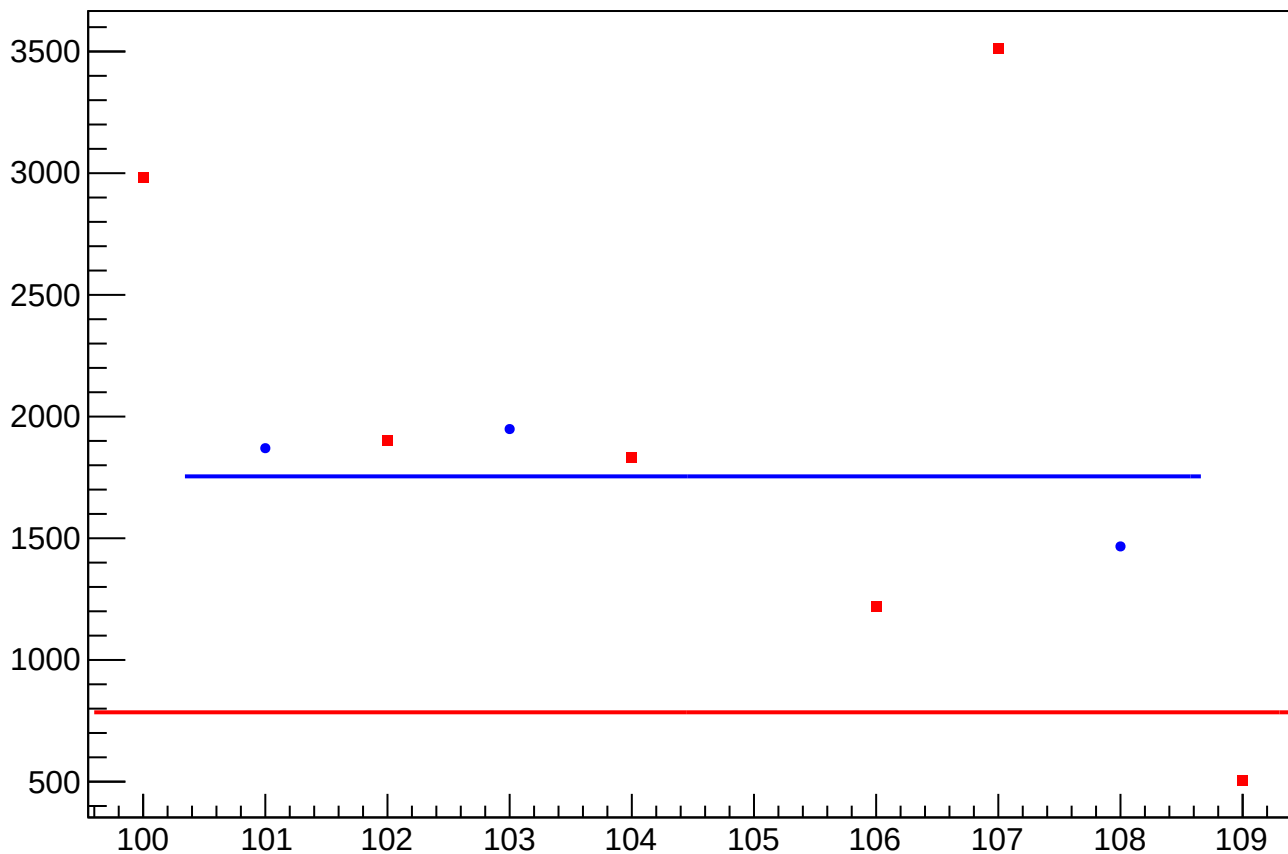
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -912.592+/-579.210 χ^2/NDF : 8.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1754.354+/-0.971 χ^2/NDF : 47405.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 784.951+/-0.452 χ^2/NDF : 1530805.3/5

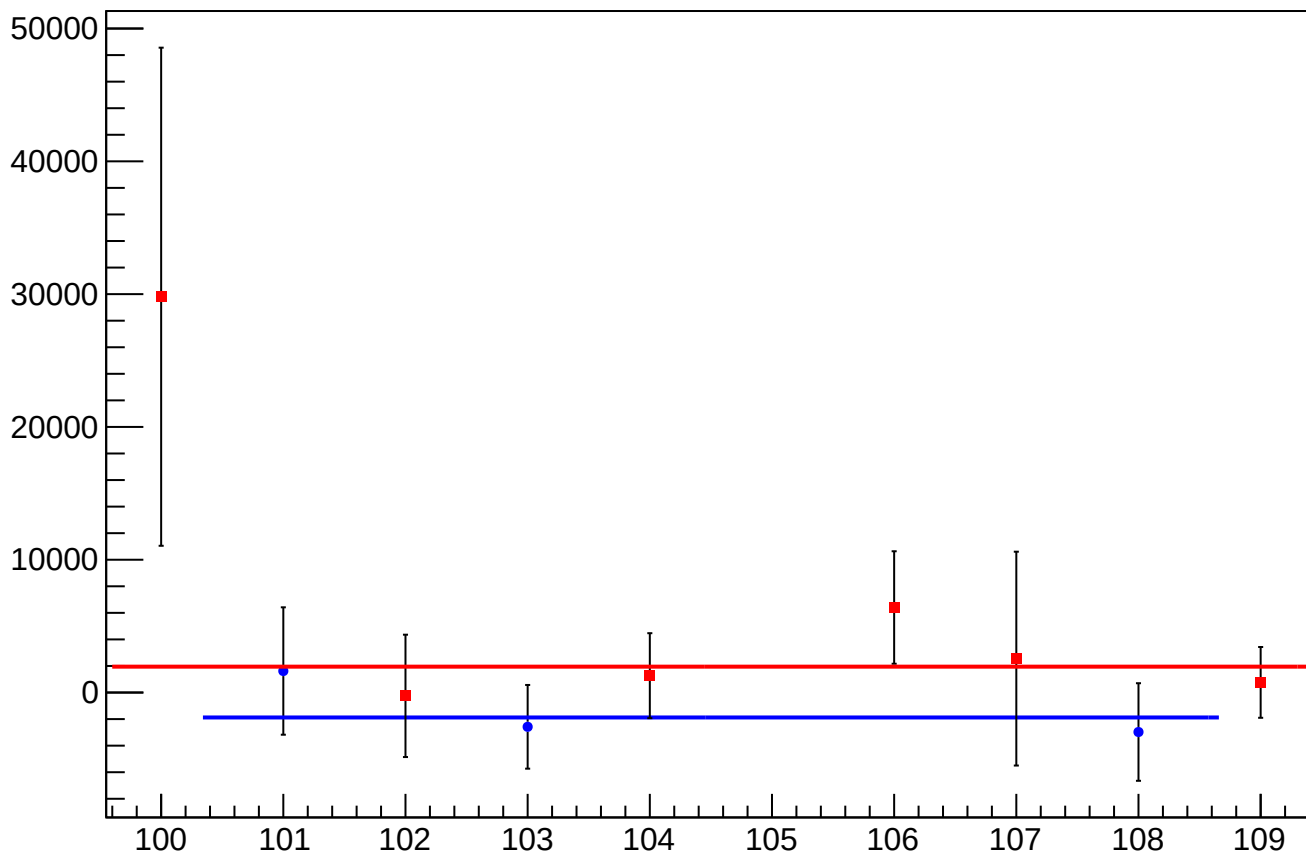
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 957.301+/-0.410 χ^2/NDF : 2397158.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1877.542 $\pm$ 2140.711 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1948.709 $\pm$ 1667.547 χ^2 /NDF: 3.8/5

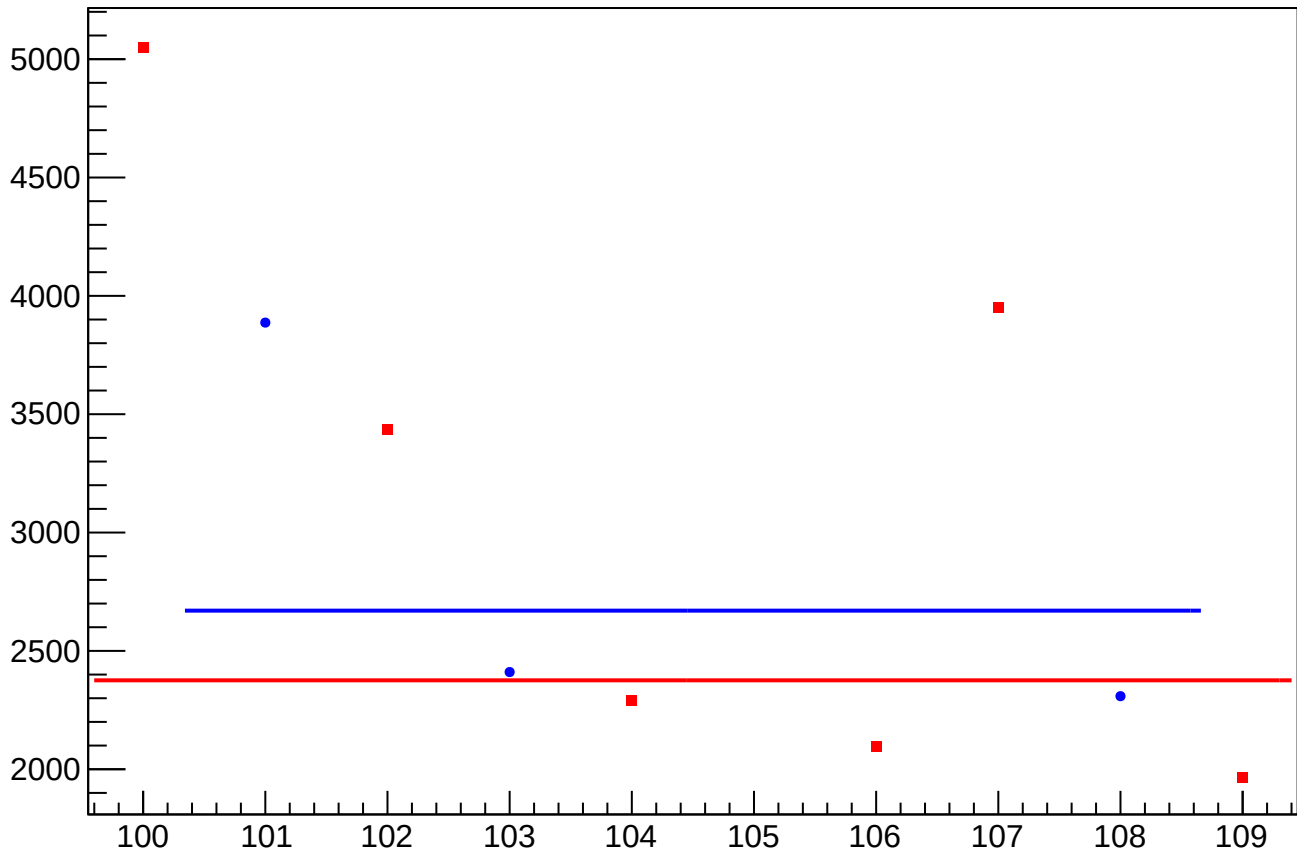
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 503.756 $\pm$ 1315.522 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2670.053+/-1.514 χ^2/NDF : 161648.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2375.647+/-1.179 χ^2/NDF : 280581.6/5

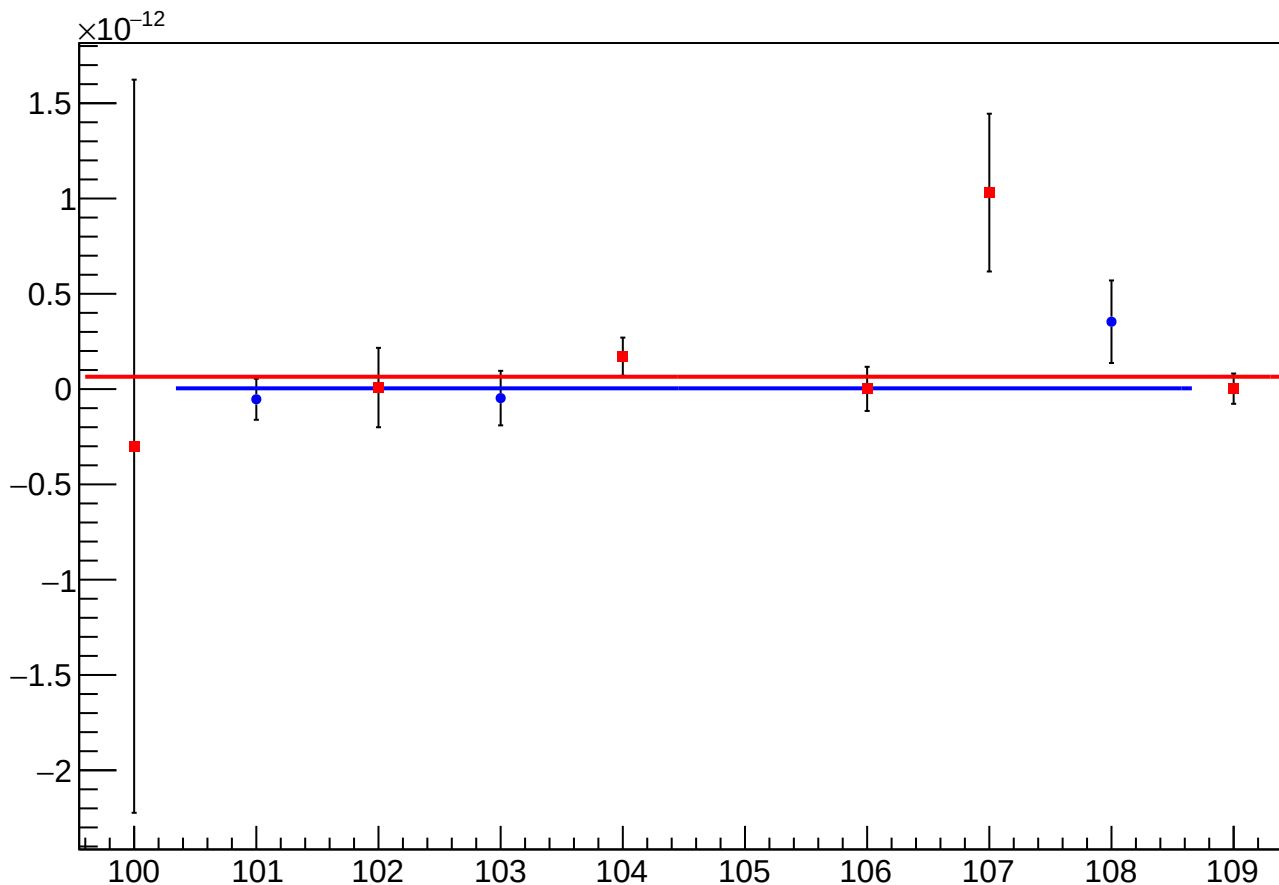
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2486.825+/-0.930 χ^2/NDF : 465773.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/5

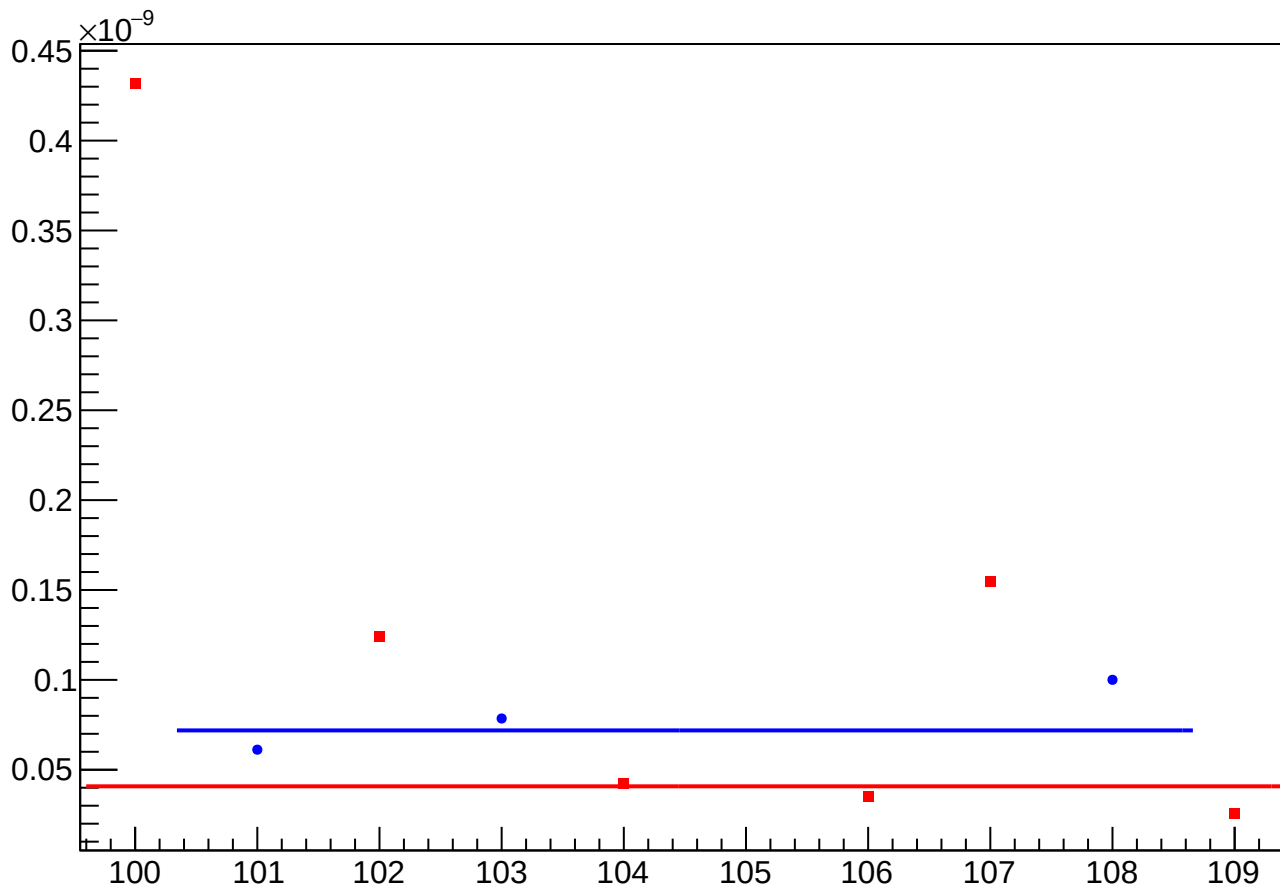
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 57877.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 632218.3/5

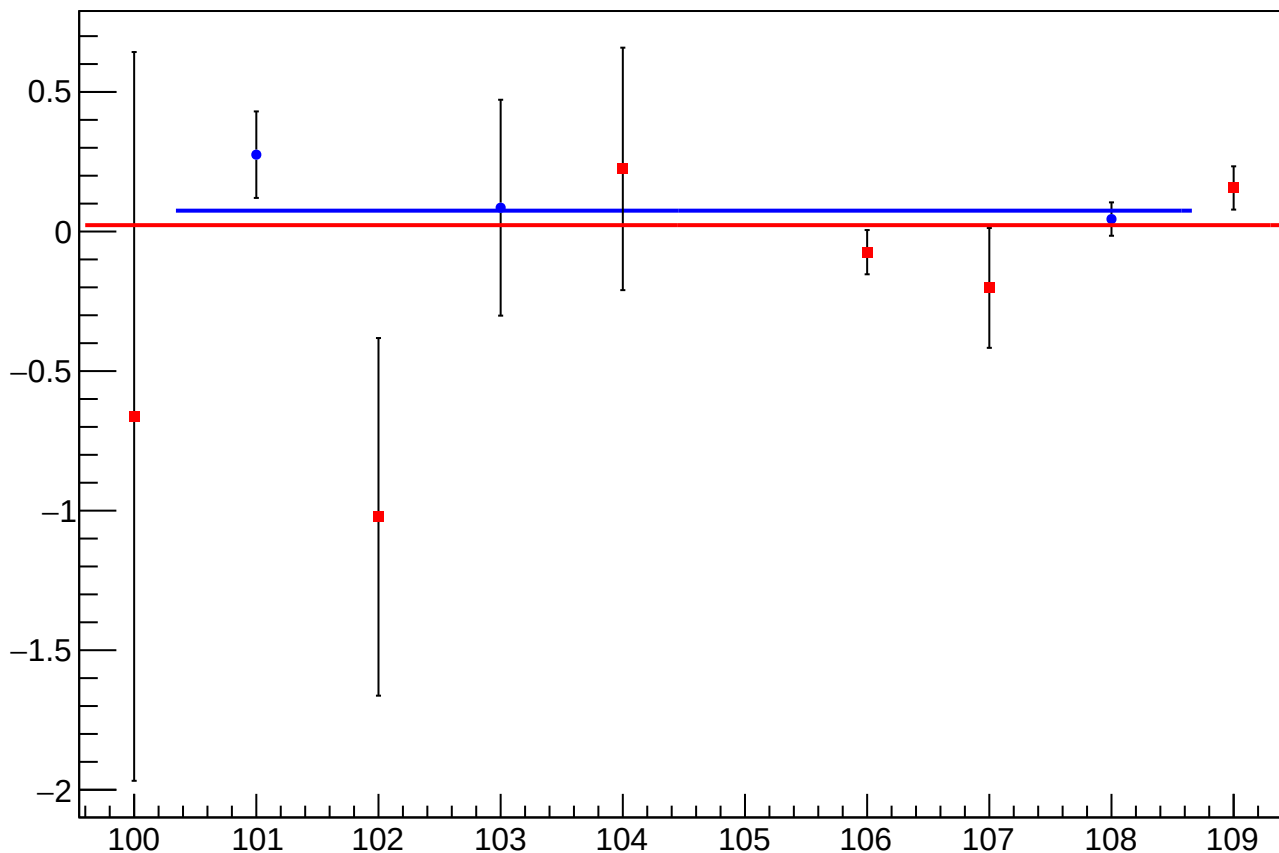
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 901378.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.075+/-0.055 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.053 χ^2/NDF : 8.7/5

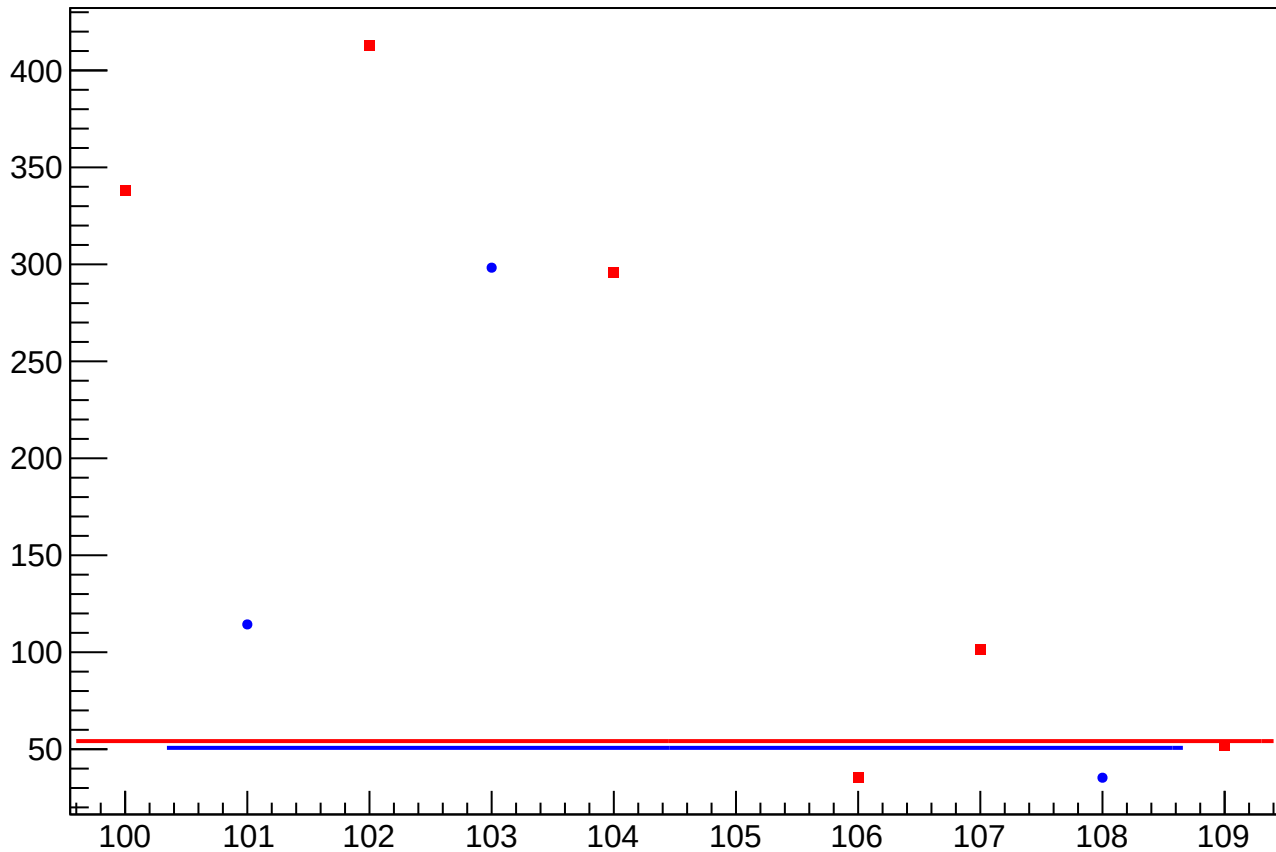
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.038 χ^2/NDF : 11.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 50.699+/-0.039 χ^2/NDF : 1289605.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.183+/-0.037 χ^2/NDF : 1553045.6/5

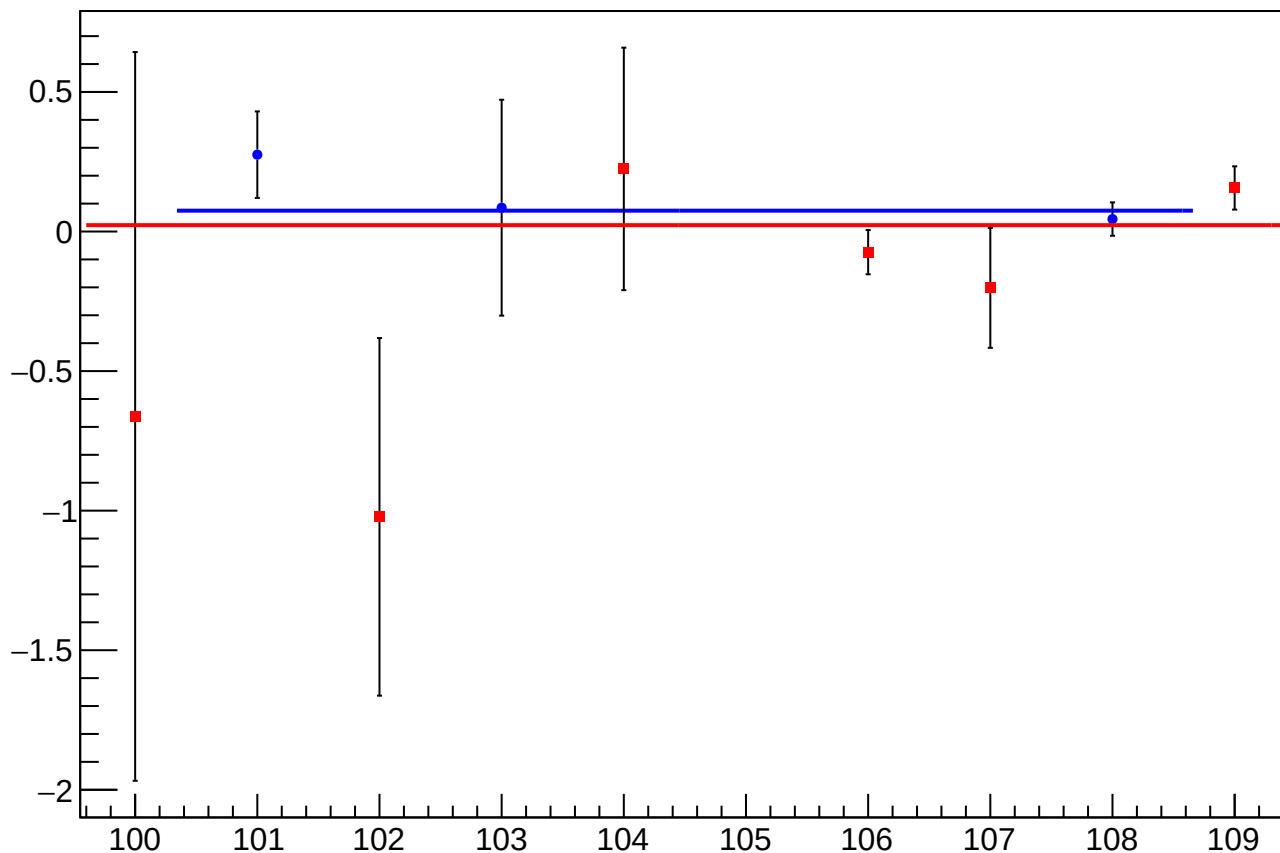
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.511+/-0.027 χ^2/NDF : 2846791.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.053 χ^2 /NDF: 8.7/5

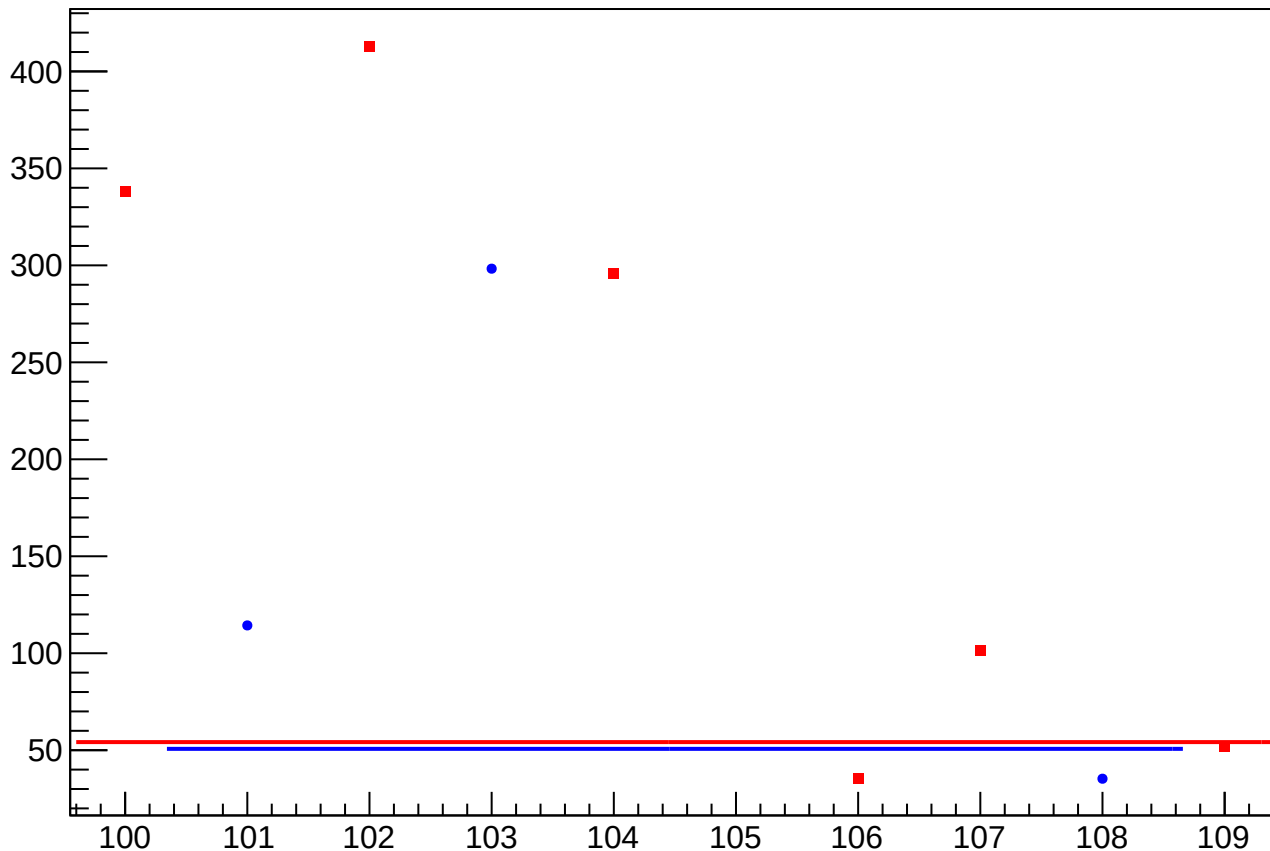
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.038 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.699+/-0.039 χ^2/NDF : 1289605.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.183+/-0.037 χ^2/NDF : 1553045.6/5

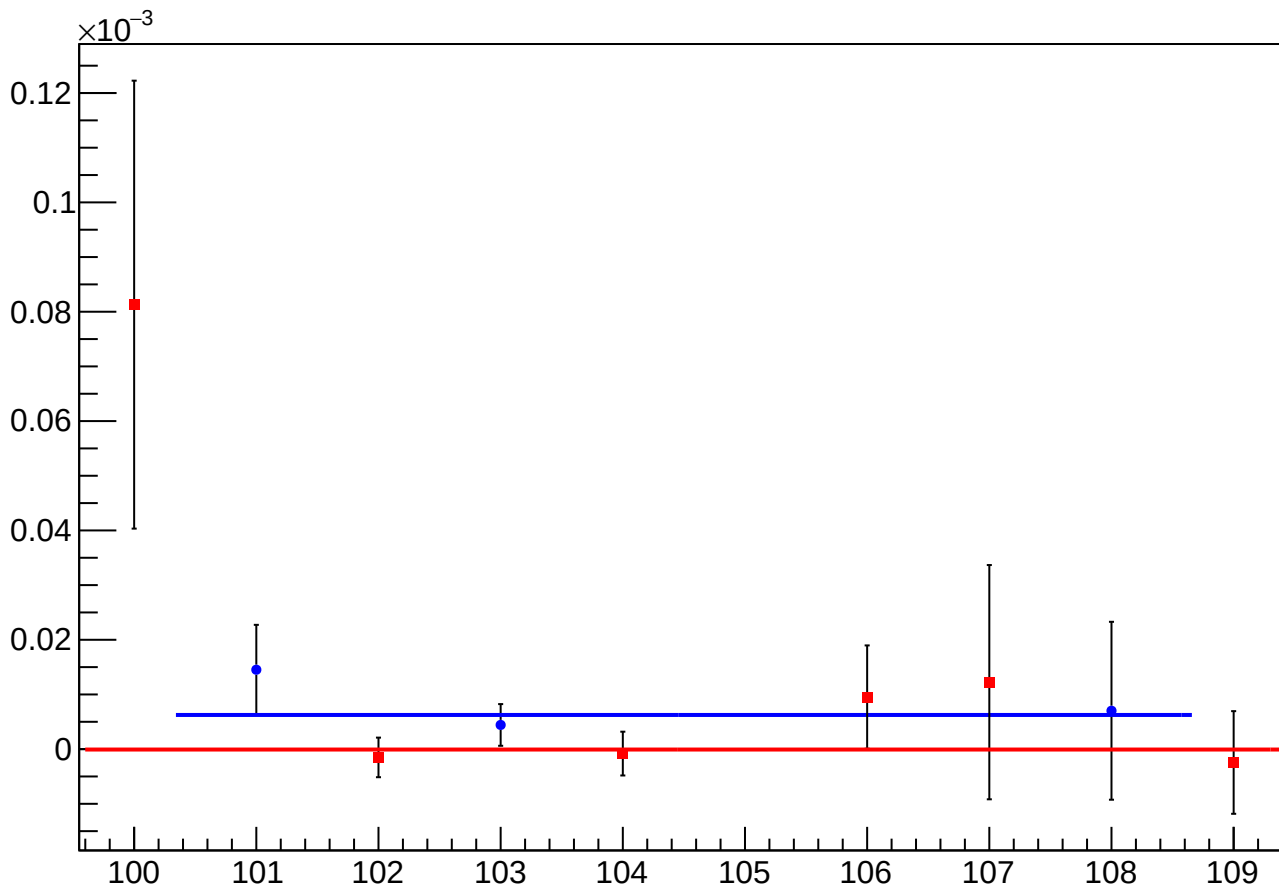
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.511+/-0.027 χ^2/NDF : 2846791.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/5

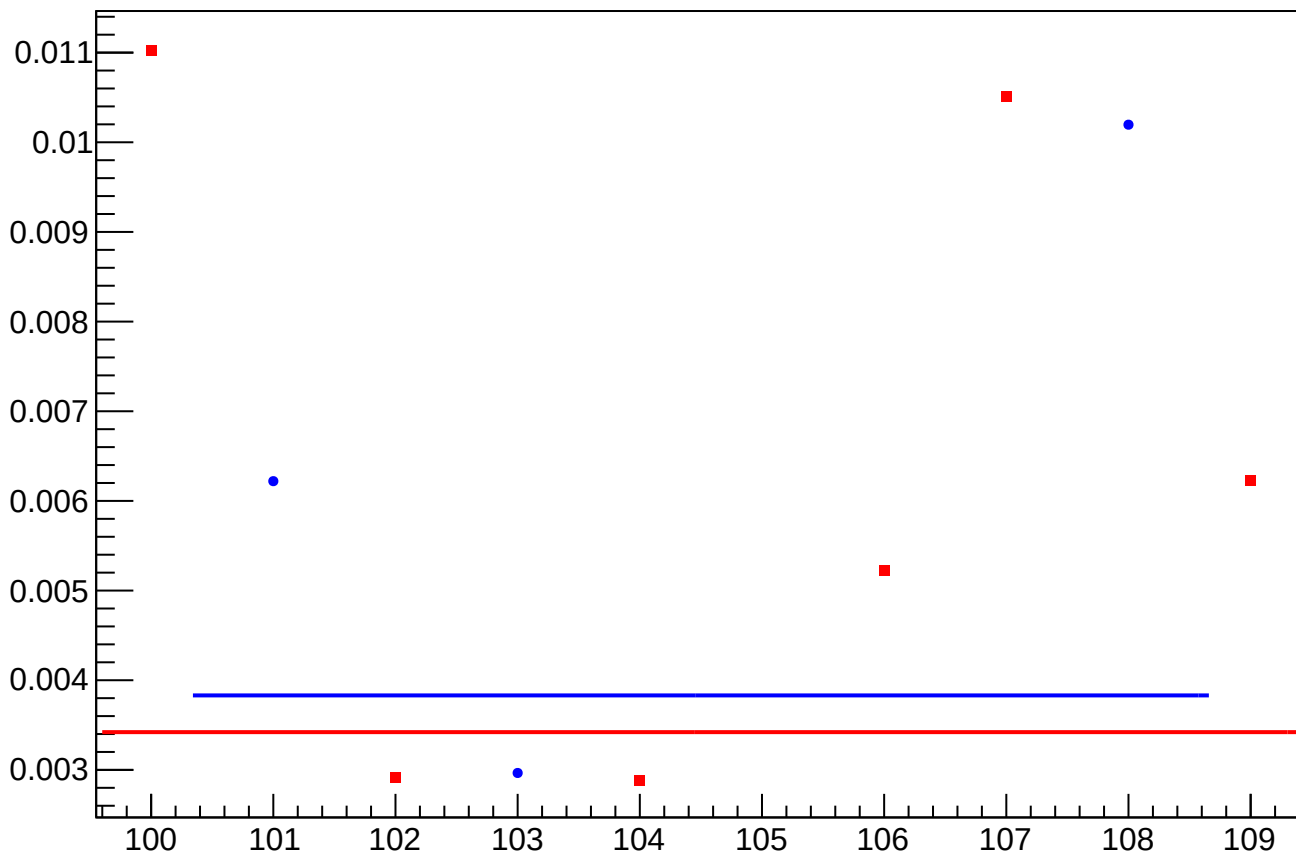
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 578402.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 614299.6/5

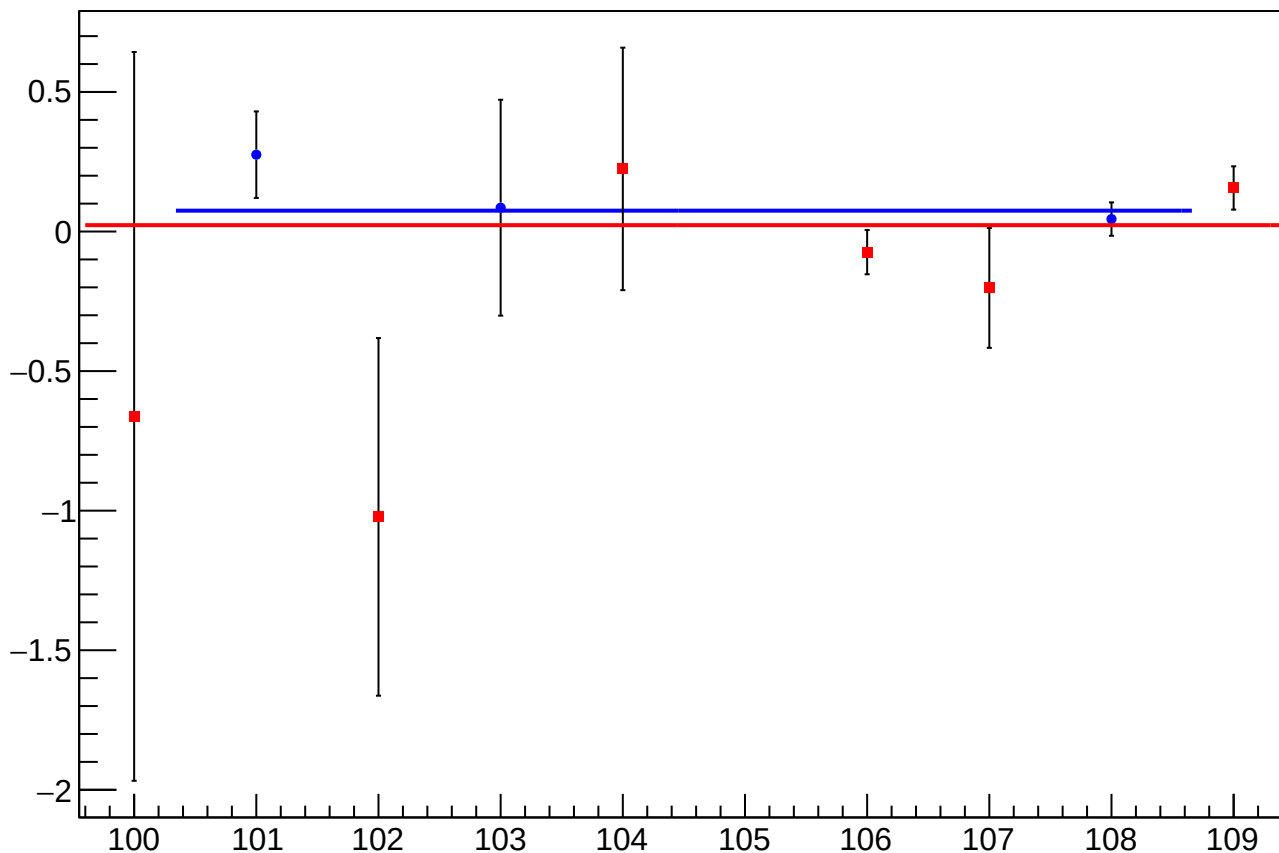
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1211827.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.053 χ^2 /NDF: 8.7/5

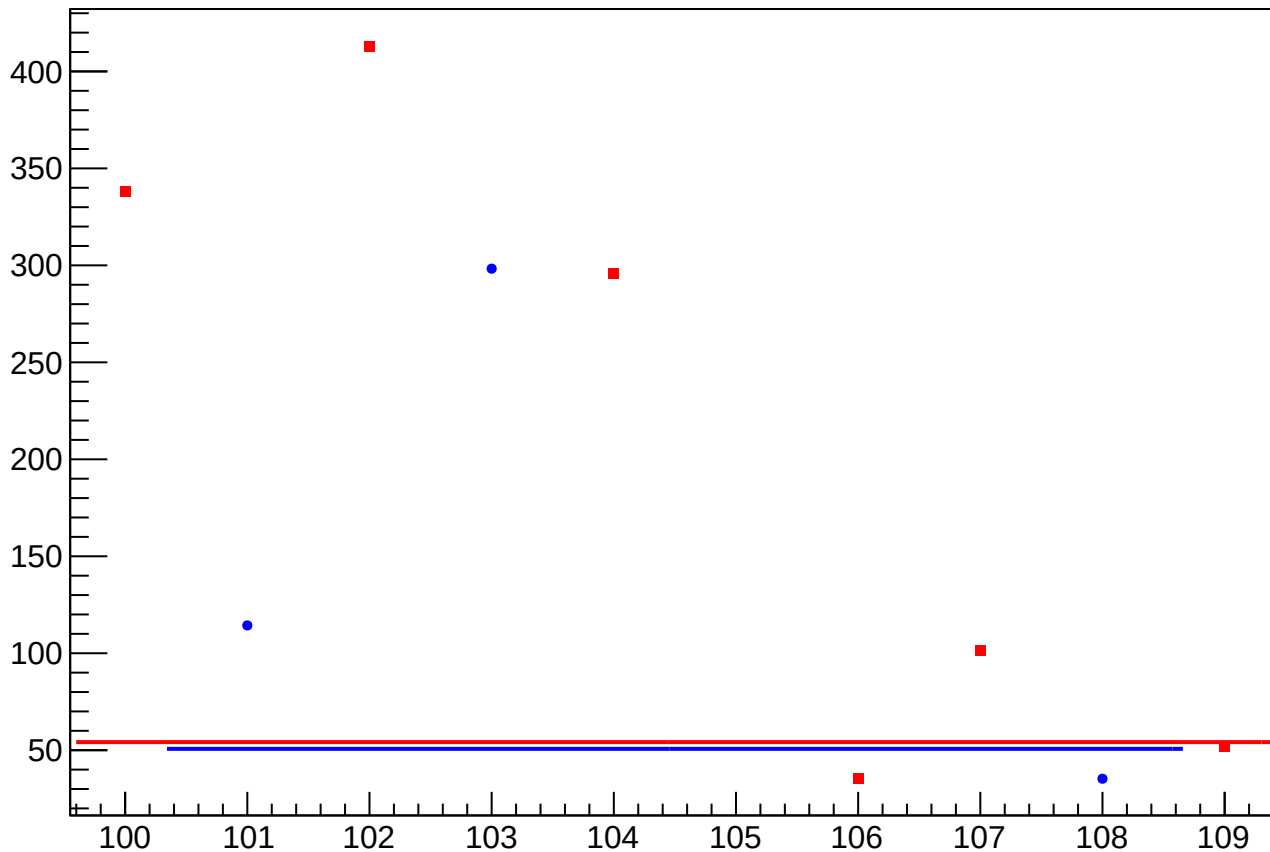
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.038 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 50.704+/-0.039 χ^2/NDF : 1289530.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.182+/-0.037 χ^2/NDF : 1553044.9/5

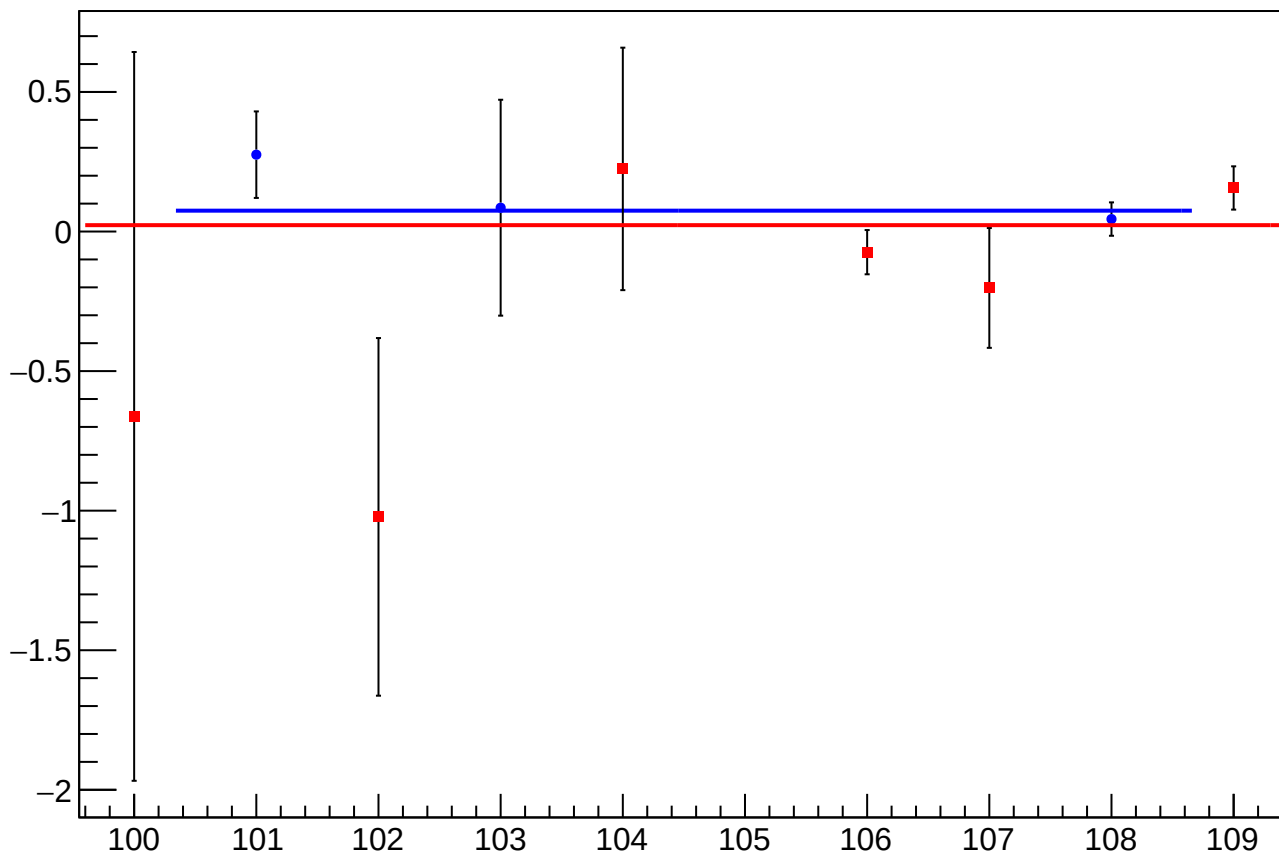
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.514+/-0.027 χ^2/NDF : 2846702.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.075 $\pm$ 0.055 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.053 χ^2 /NDF: 8.7/5

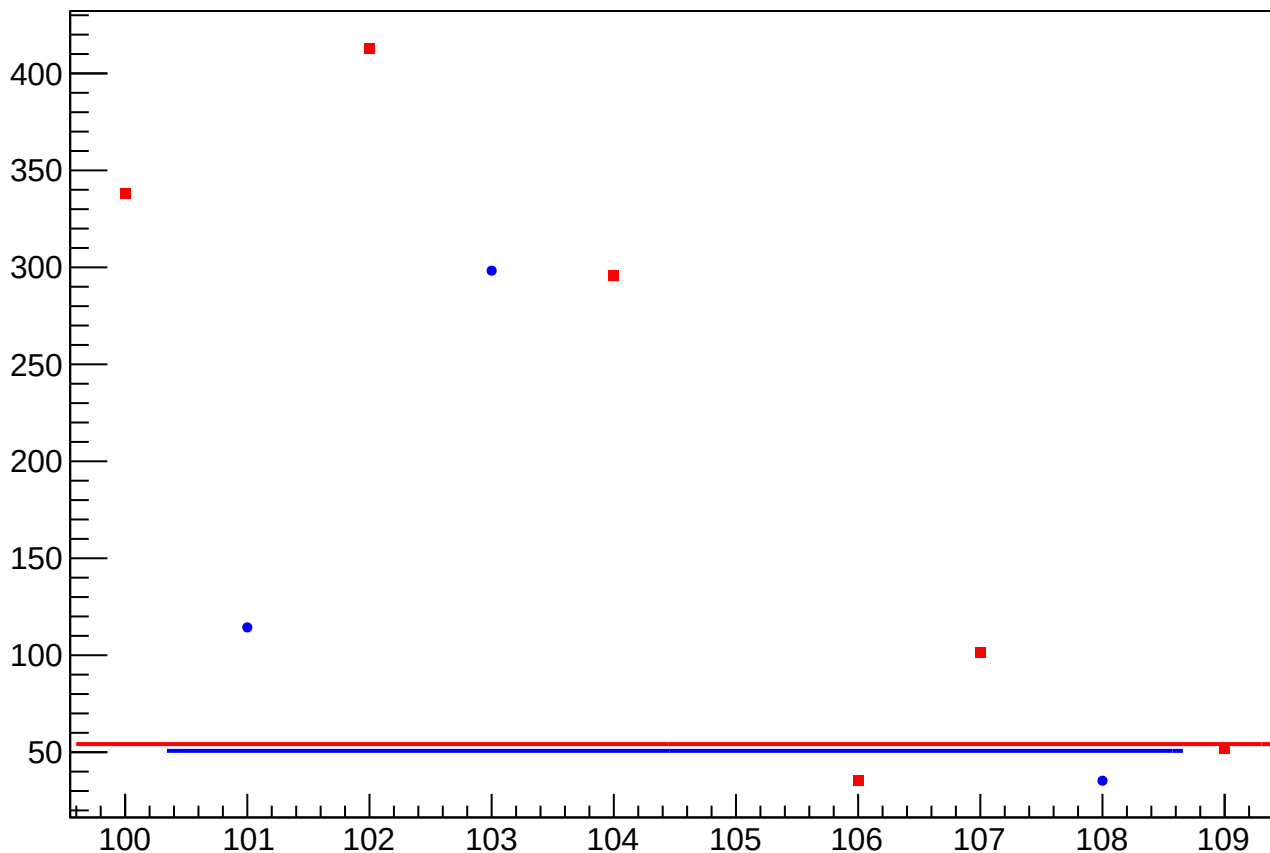
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.048 $\pm$ 0.038 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 50.704+/-0.039 χ^2/NDF : 1289530.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.182+/-0.037 χ^2/NDF : 1553044.9/5

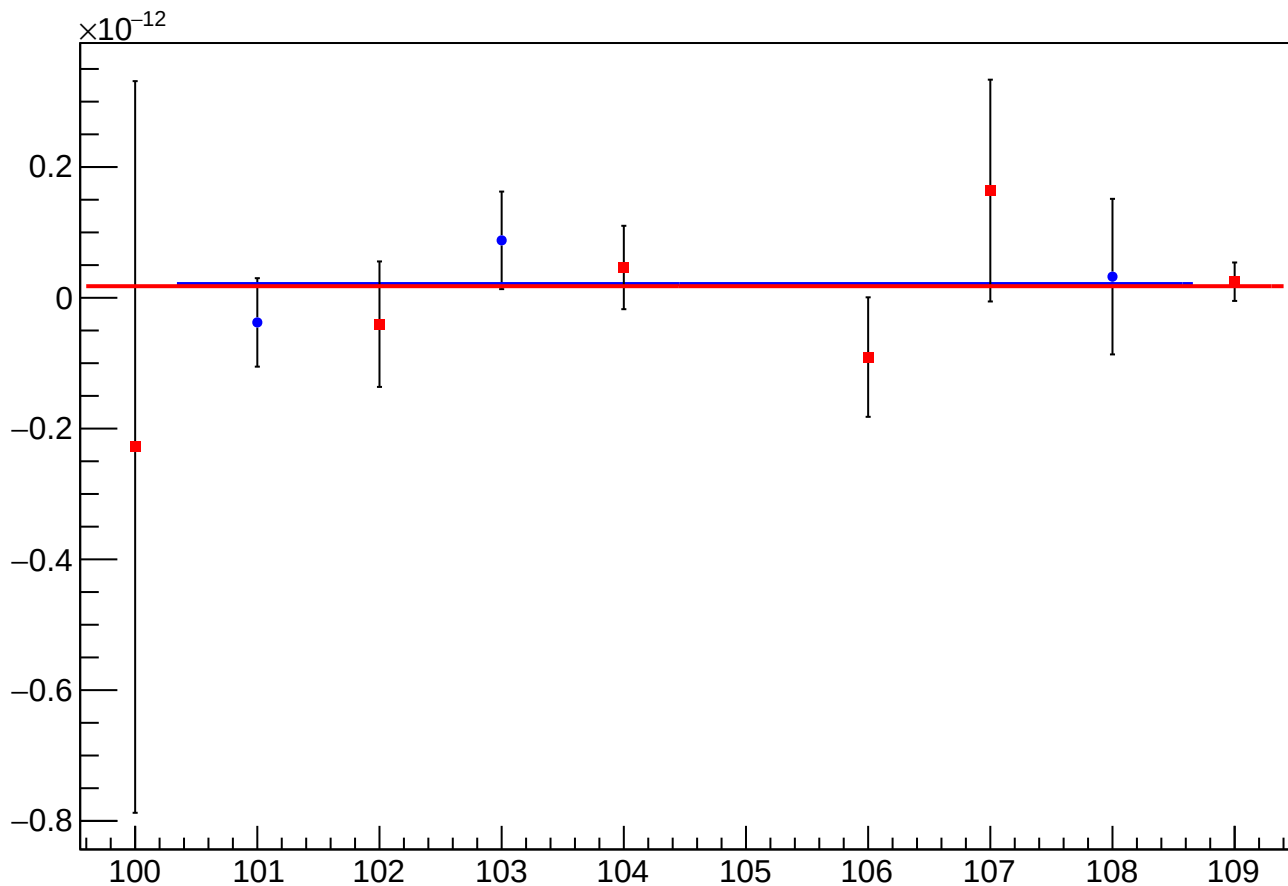
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.514+/-0.027 χ^2/NDF : 2846702.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 3.0/5

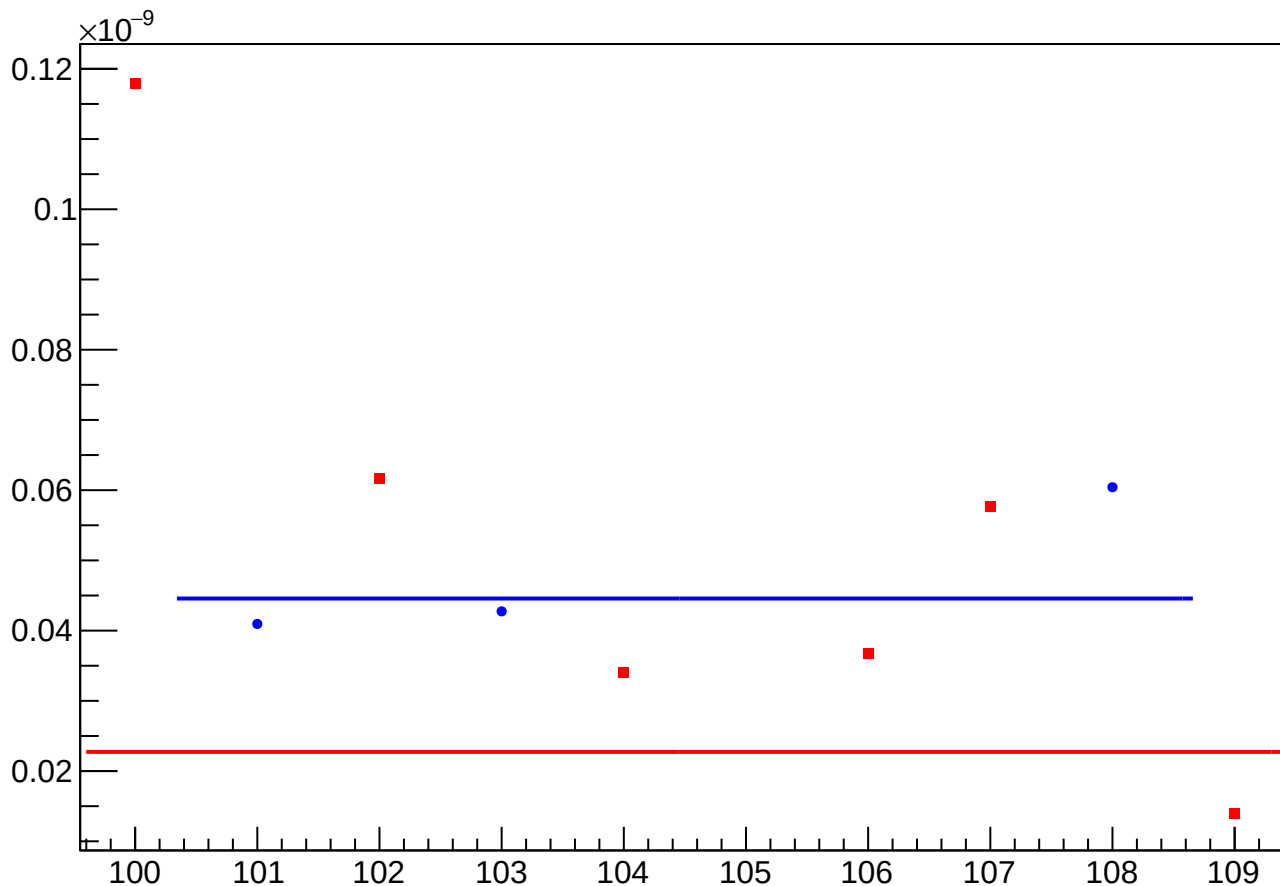
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 4.5/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 42410.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 759753.2/5

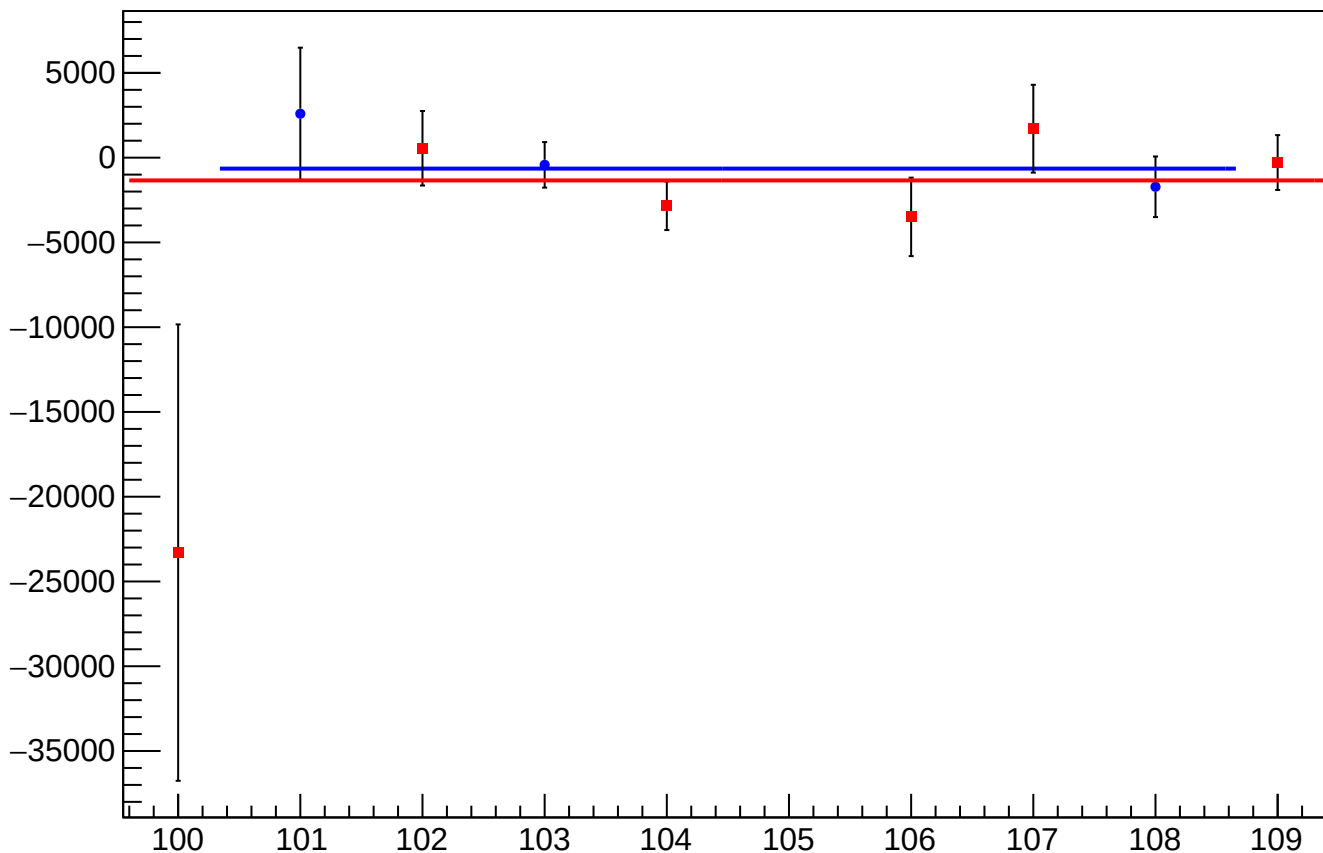
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1151408.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -645.766+/-1035.489 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1342.567+/-840.182 χ^2/NDF : 7.2/5

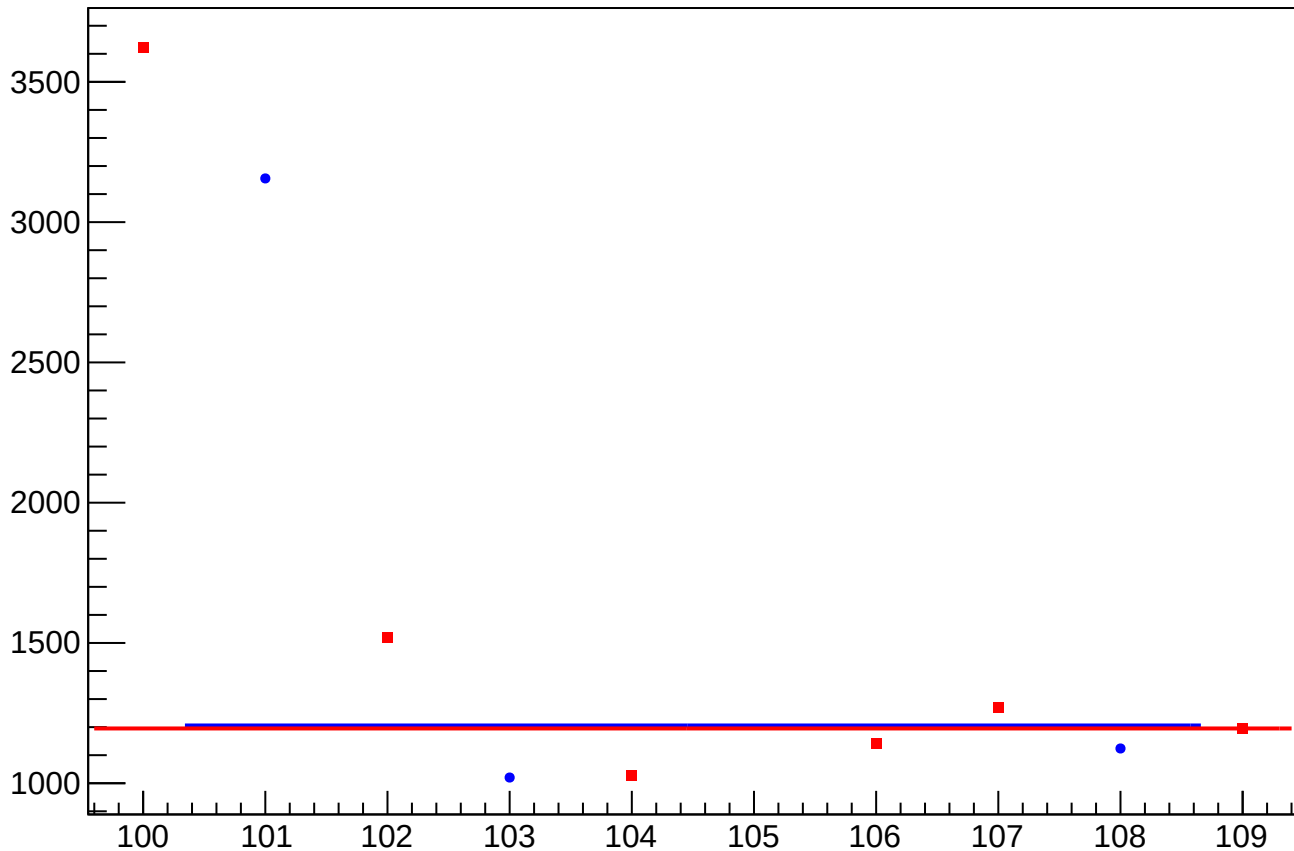
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1065.944+/-652.432 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1205.841 $\pm$ 0.732 χ^2 /NDF: 543077.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1195.229 $\pm$ 0.594 χ^2 /NDF: 139005.1/5

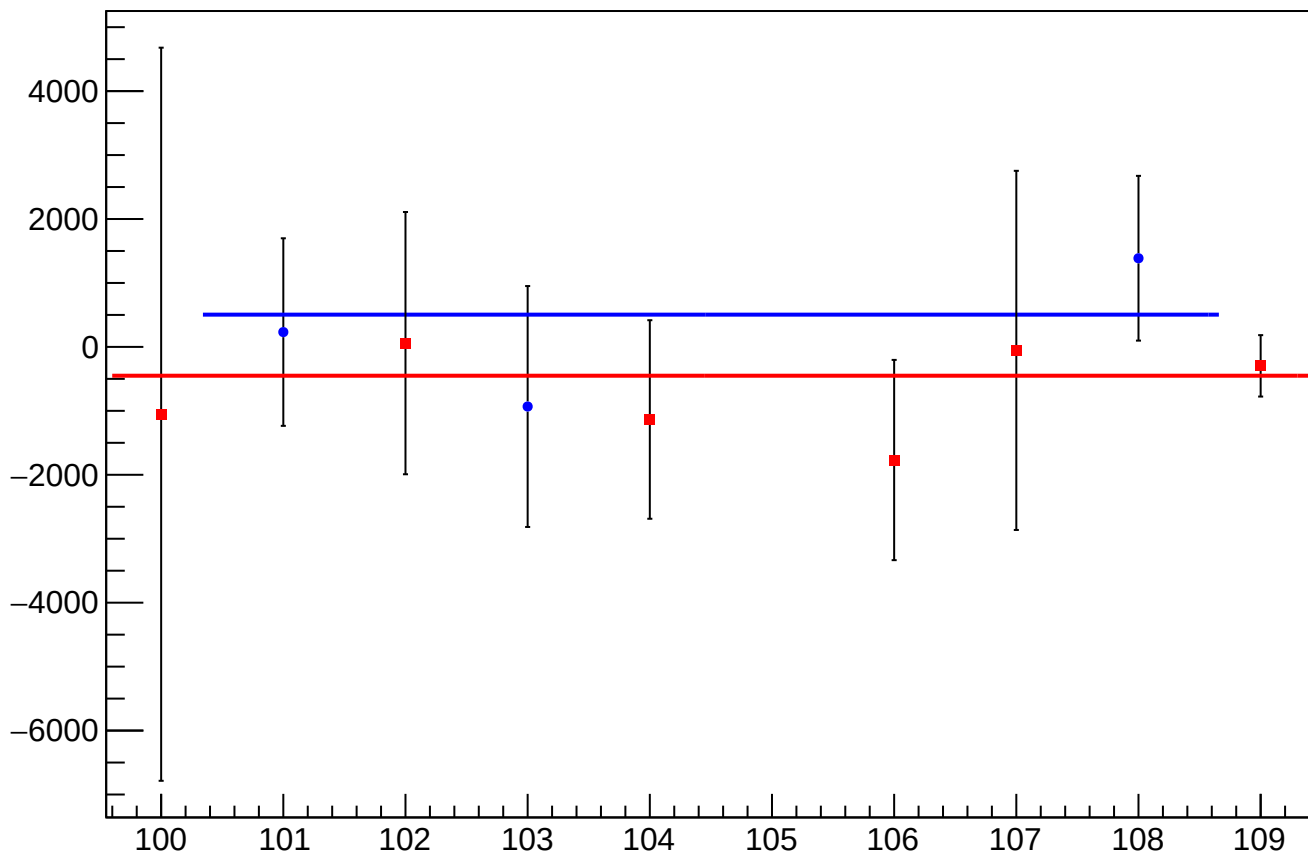
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1199.442 $\pm$ 0.461 χ^2 /NDF: 682209.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug



Right In: 504.368 $\pm$ 860.908 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -450.665 $\pm$ -424.383 χ^2 /NDF: 1.1/5

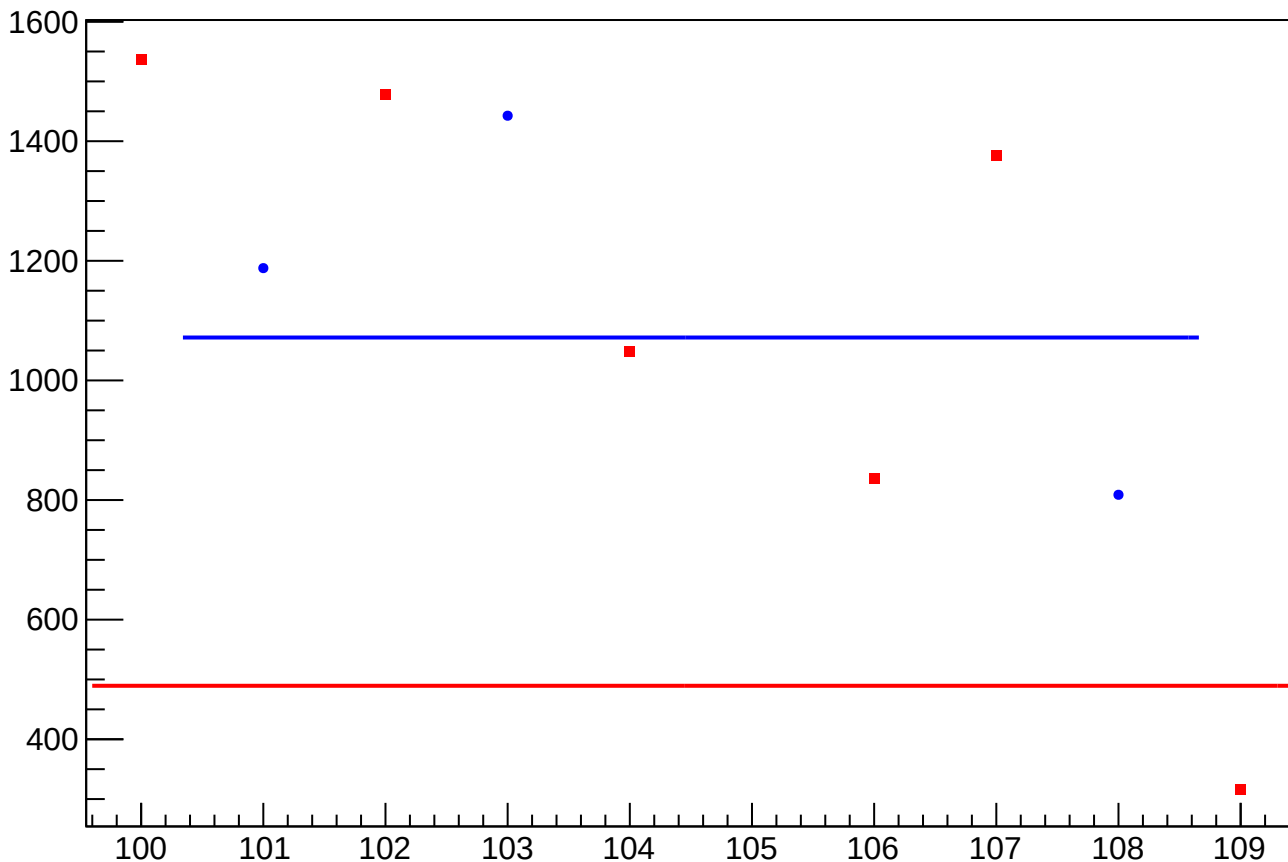
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: -263.963 $\pm$ -380.647 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



Right In: 1071.756+/-0.609 χ^2/NDF : 173359.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.419+/-0.300 χ^2/NDF : 1348698.6/5

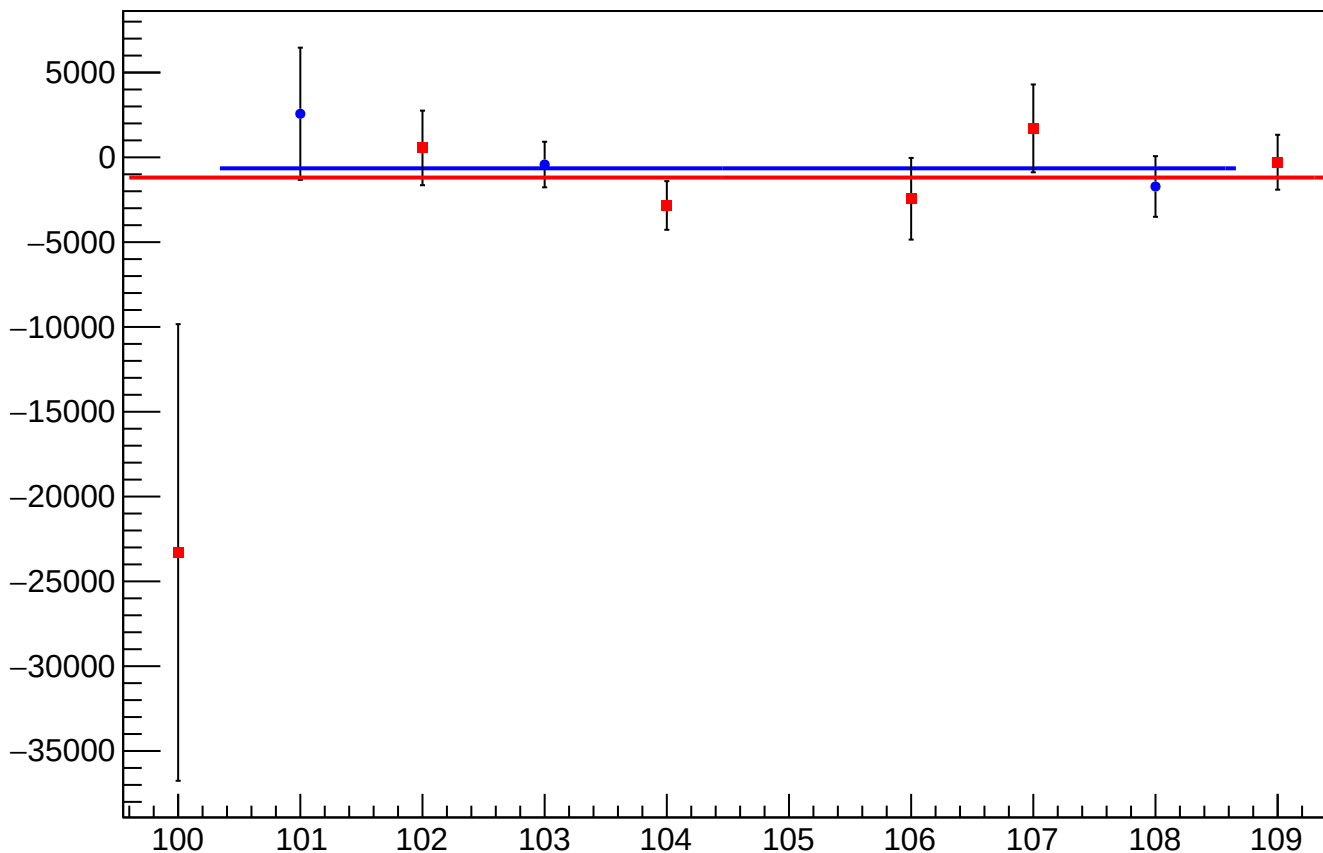
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.262+/-0.269 χ^2/NDF : 2258257.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -647.373+/-1035.490 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1191.394+/-844.487 χ^2/NDF : 6.5/5

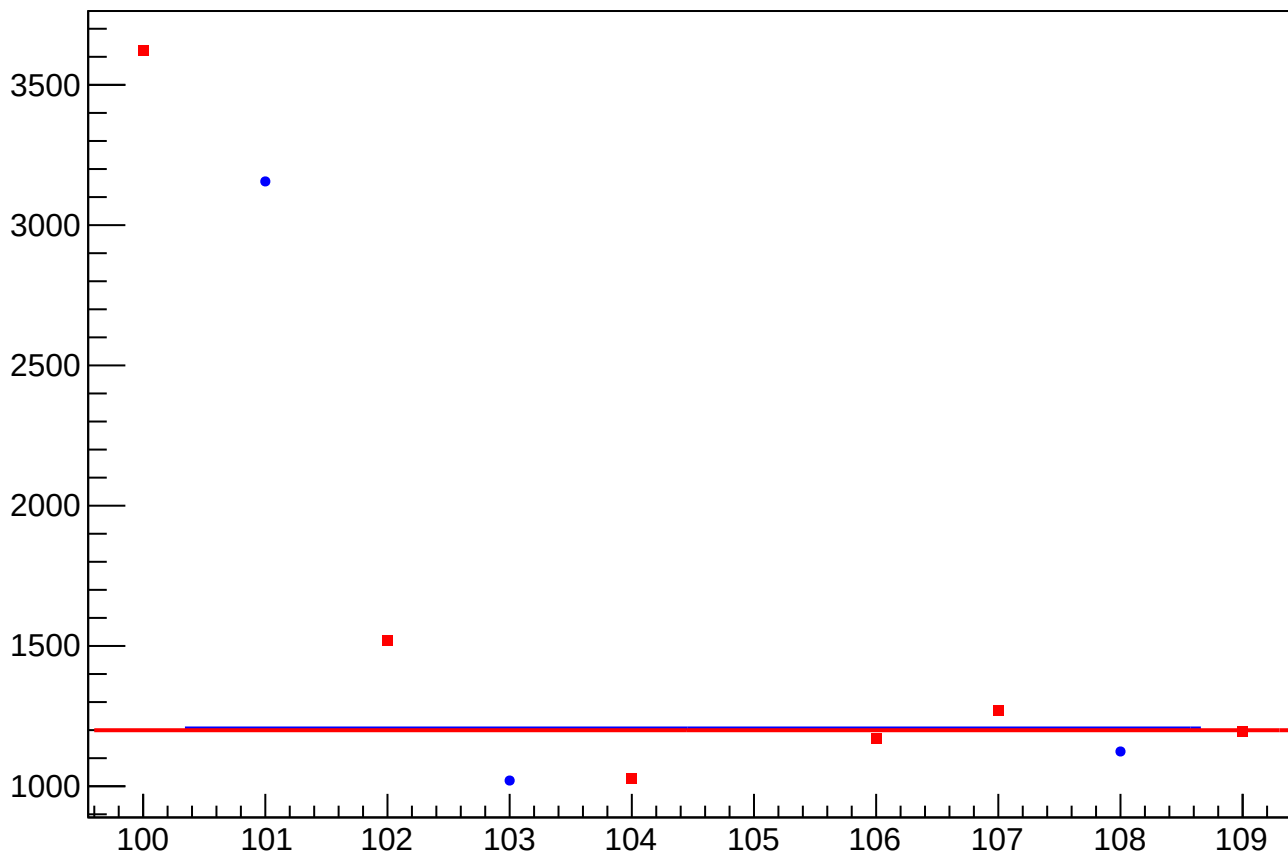
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -974.091+/-654.442 χ^2/NDF : 7.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1205.839 $\pm$ 0.732 χ^2 /NDF: 543078.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1199.647 $\pm$ 0.597 χ^2 /NDF: 138017.4/5

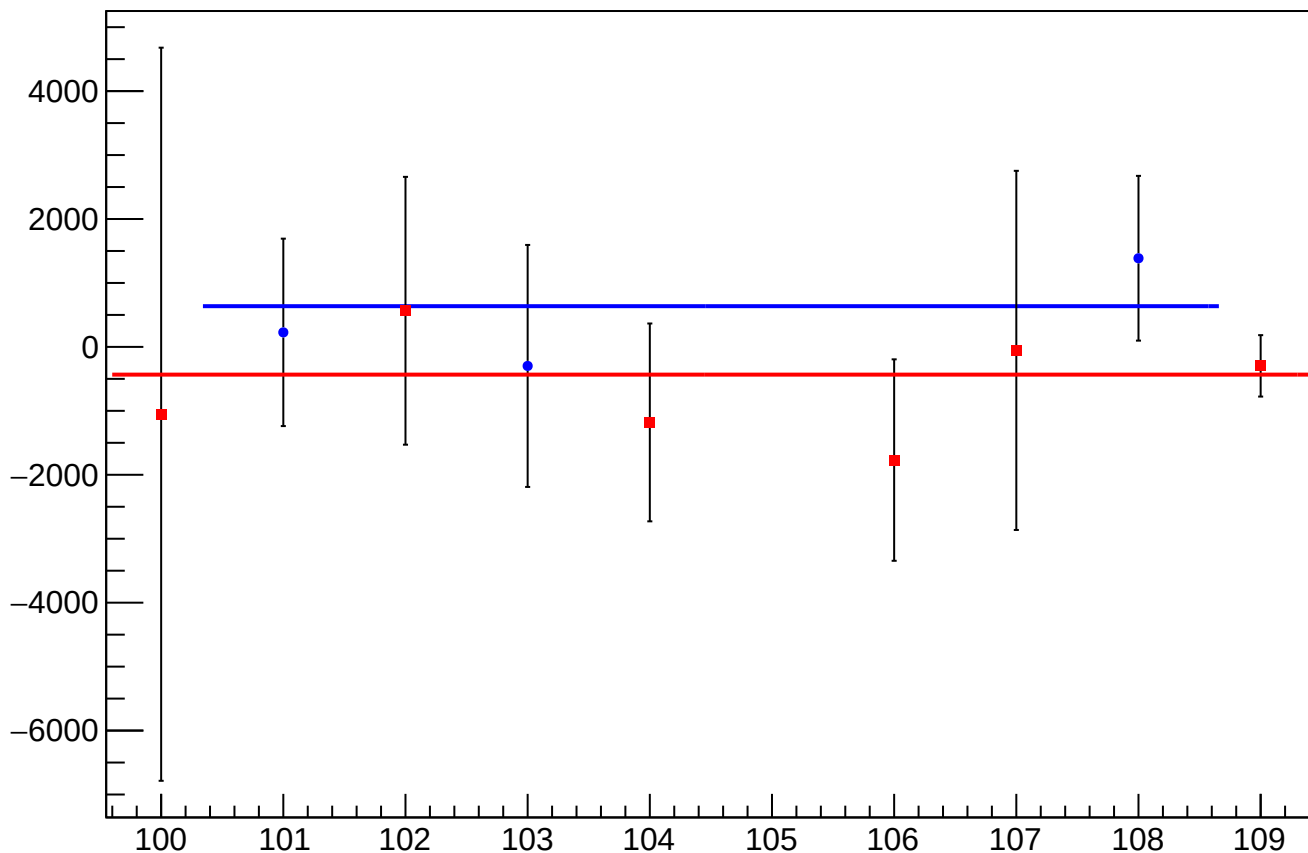
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1202.120 $\pm$ 0.463 χ^2 /NDF: 681139.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug



Right In: 636.710 $\pm$ 861.473 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -433.664 $\pm$ 424.861 χ^2 /NDF: 1.3/5

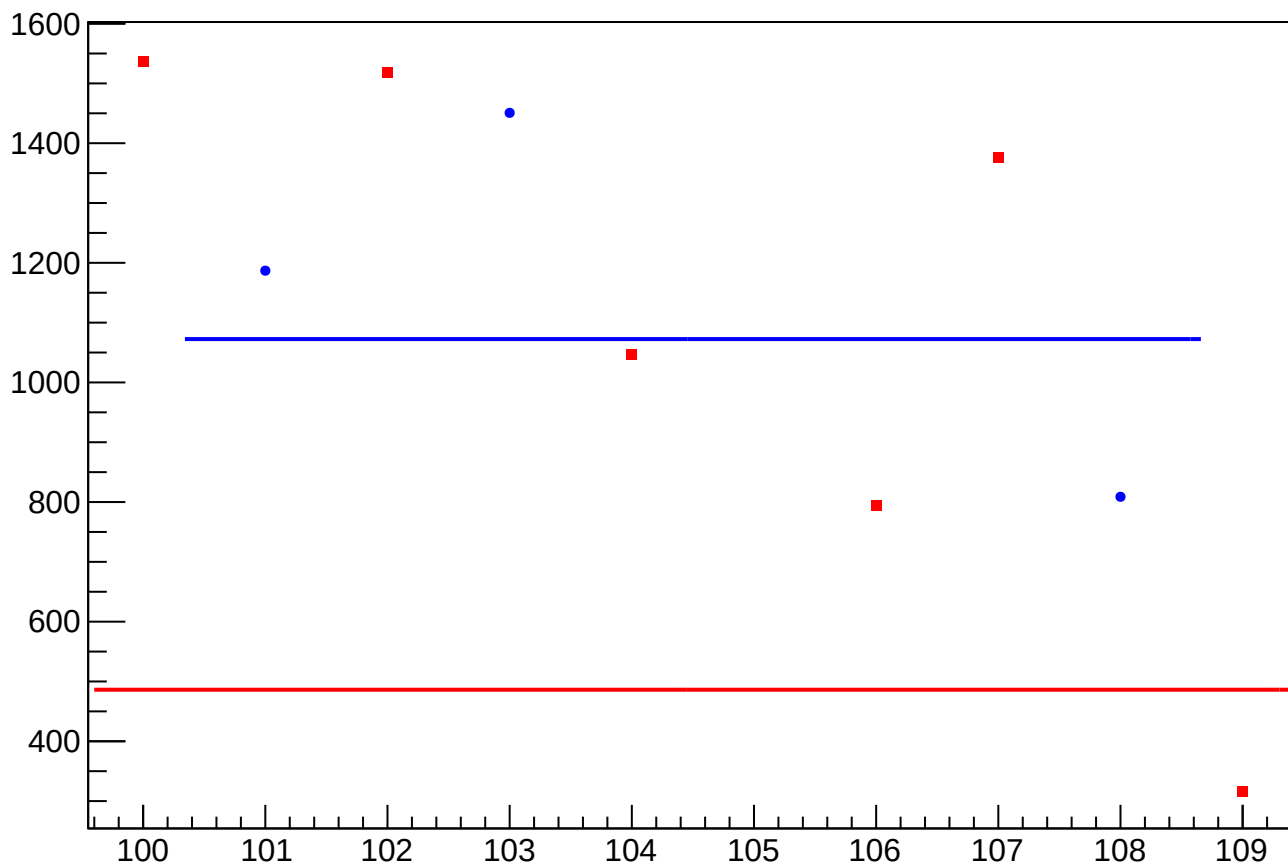
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -224.255 $\pm$ 381.041 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug



Right In: 1072.498 $\pm$ 0.609 χ^2 /NDF: 175910.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 486.218 $\pm$ 0.300 χ^2 /NDF: 1344288.6/5

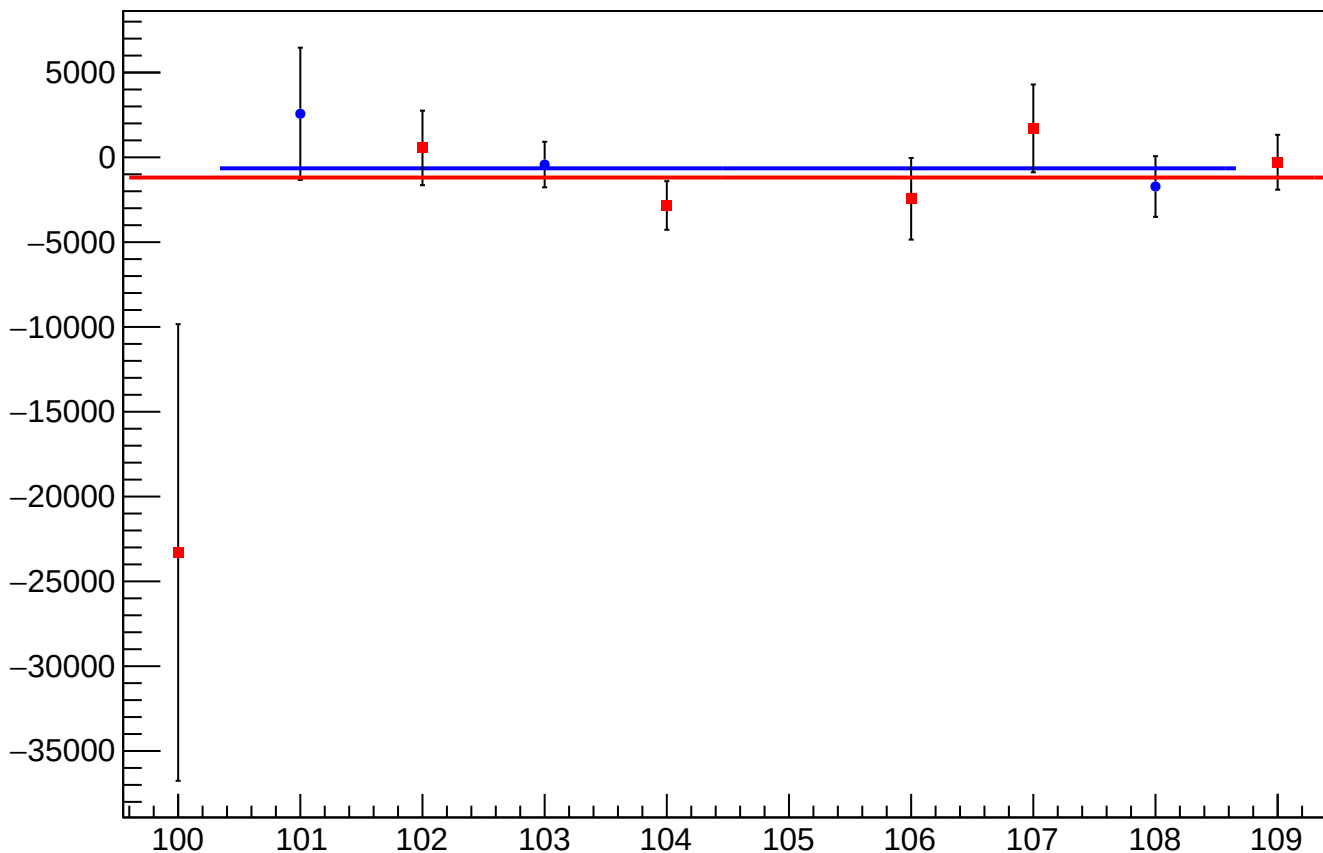
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 600.918 $\pm$ 0.269 χ^2 /NDF: 2265285.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -647.373+/-1035.490 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1191.394+/-844.487 χ^2/NDF : 6.5/5

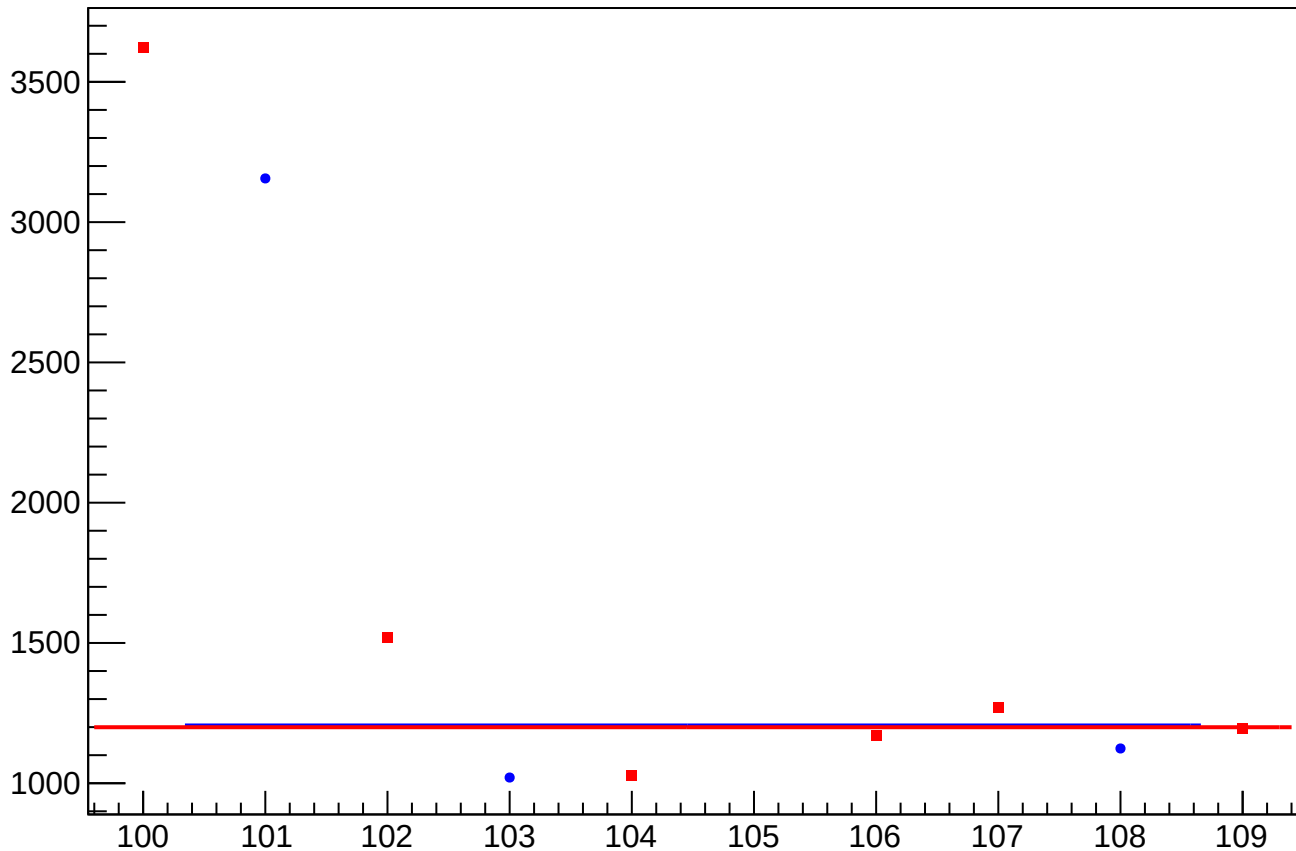
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -974.091+/-654.442 χ^2/NDF : 7.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1205.839 $\pm$ 0.732 χ^2 /NDF: 543078.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1199.647 $\pm$ 0.597 χ^2 /NDF: 138017.4/5

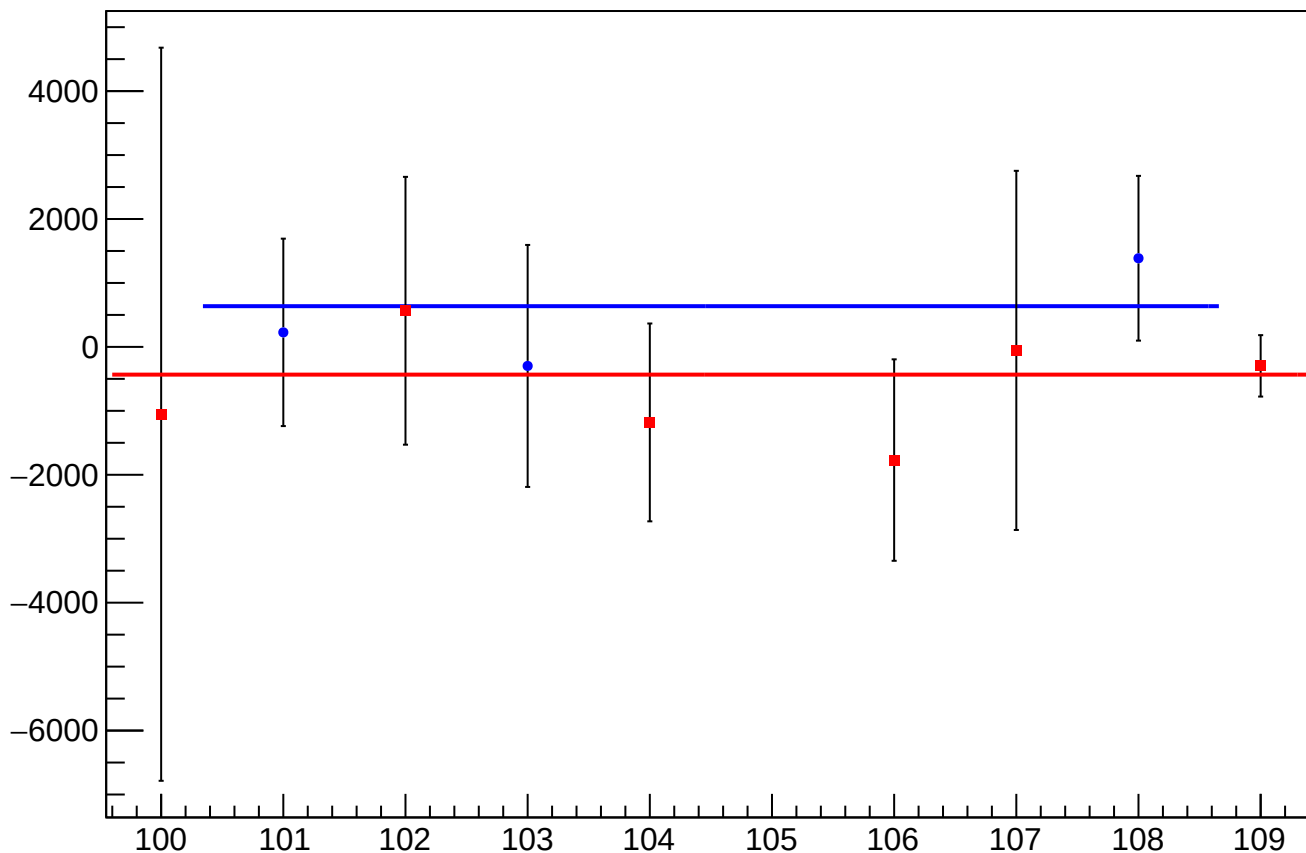
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1202.120 $\pm$ 0.463 χ^2 /NDF: 681139.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 636.710 $\pm$ 861.473 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -433.664 $\pm$ -424.861 χ^2 /NDF: 1.3/5

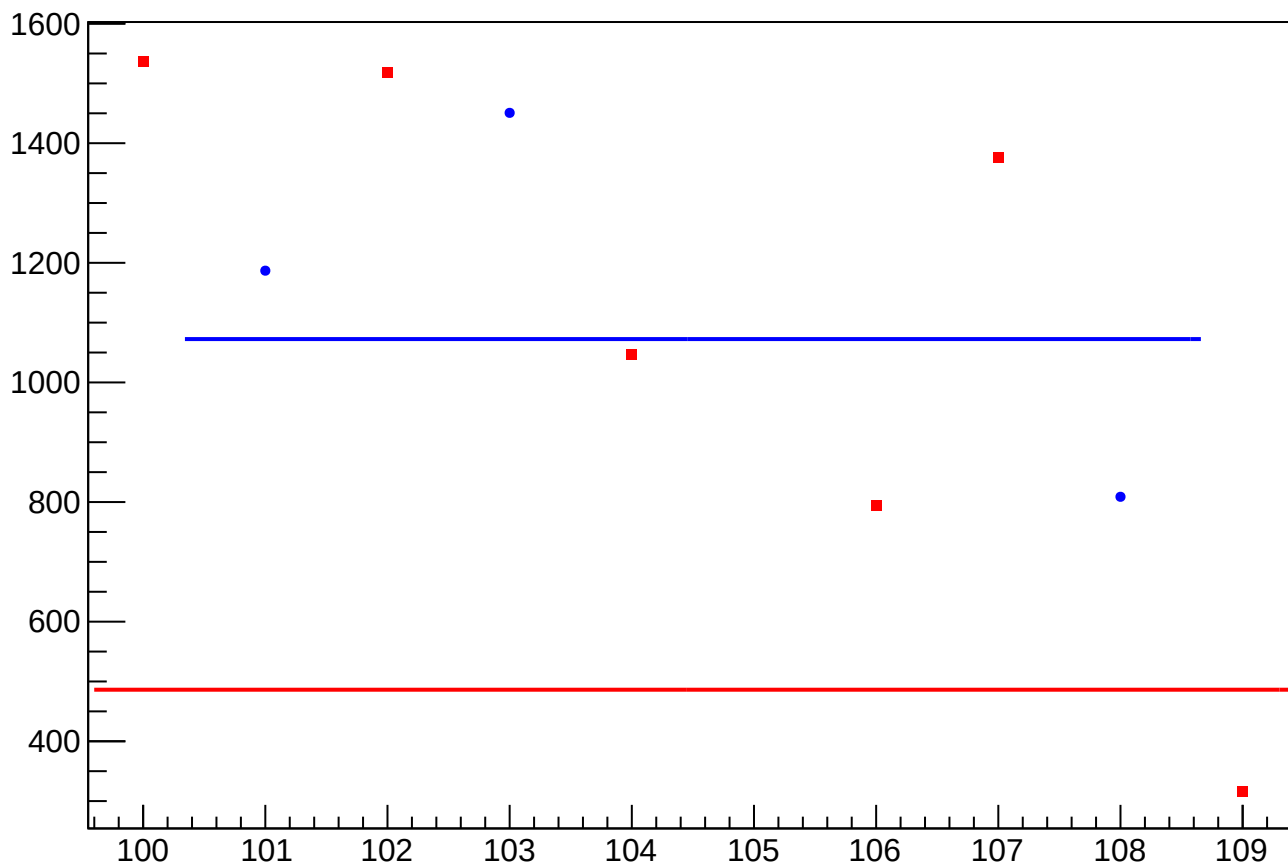
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: -224.255 $\pm$ -381.041 χ^2 /NDF: 3.2/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1072.498+/-0.609 χ^2/NDF : 175910.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 486.218+/-0.300 χ^2/NDF : 1344288.6/5

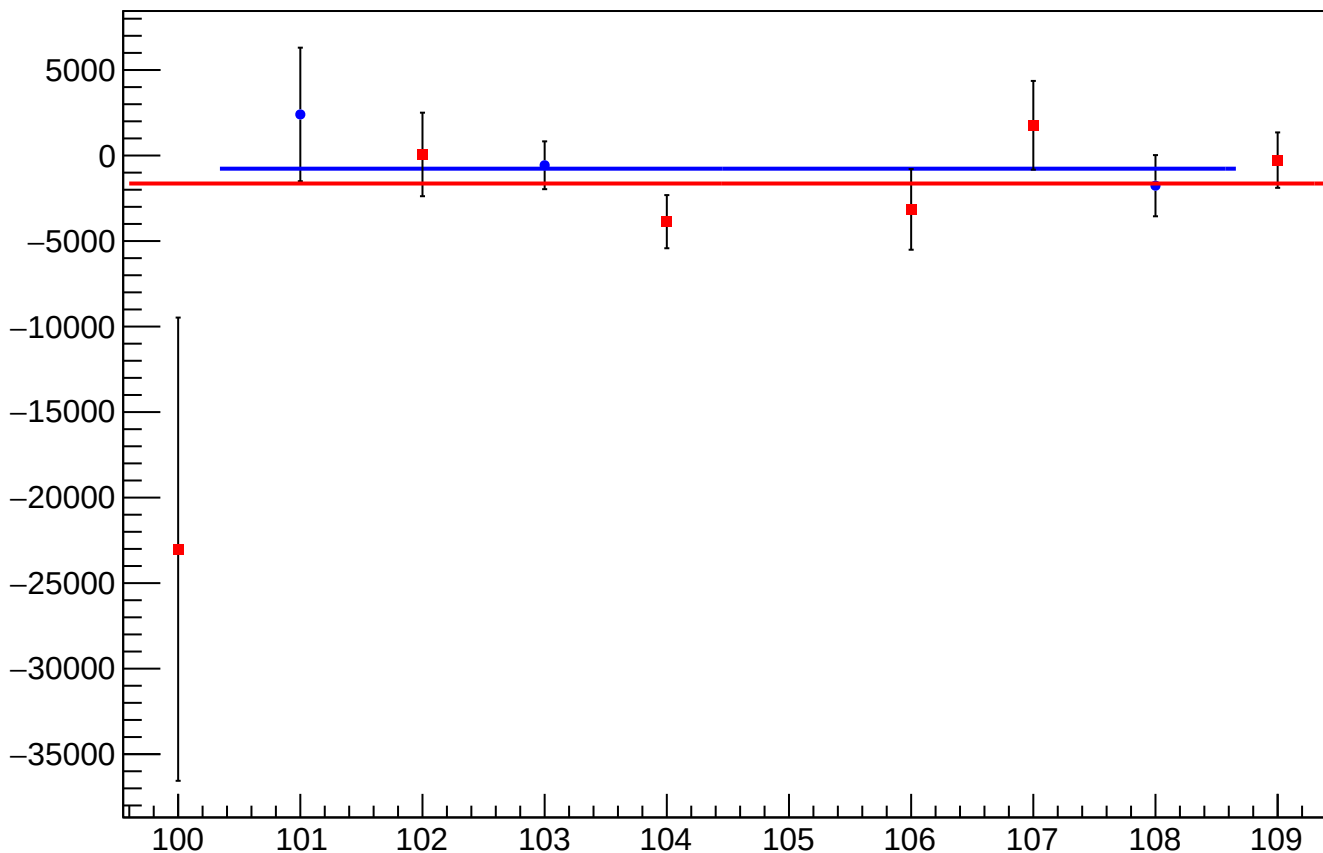
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.918+/-0.269 χ^2/NDF : 2265285.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -769.450+/-1060.147 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1636.580+/-878.228 χ^2/NDF : 7.9/5

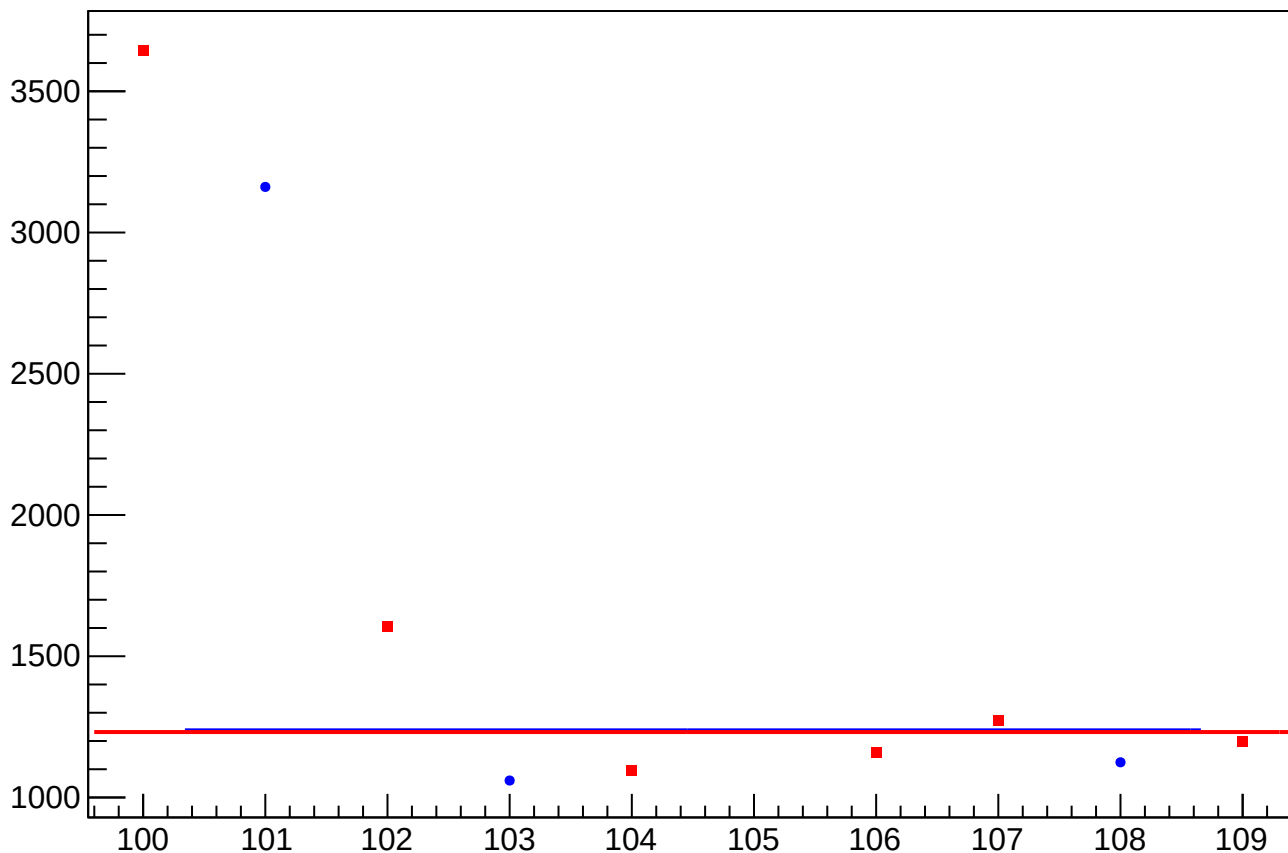
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1283.686+/-676.311 χ^2/NDF : 9.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1237.659+/-0.750 χ^2/NDF : 525935.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1231.669+/-0.621 χ^2/NDF : 129198.0/5

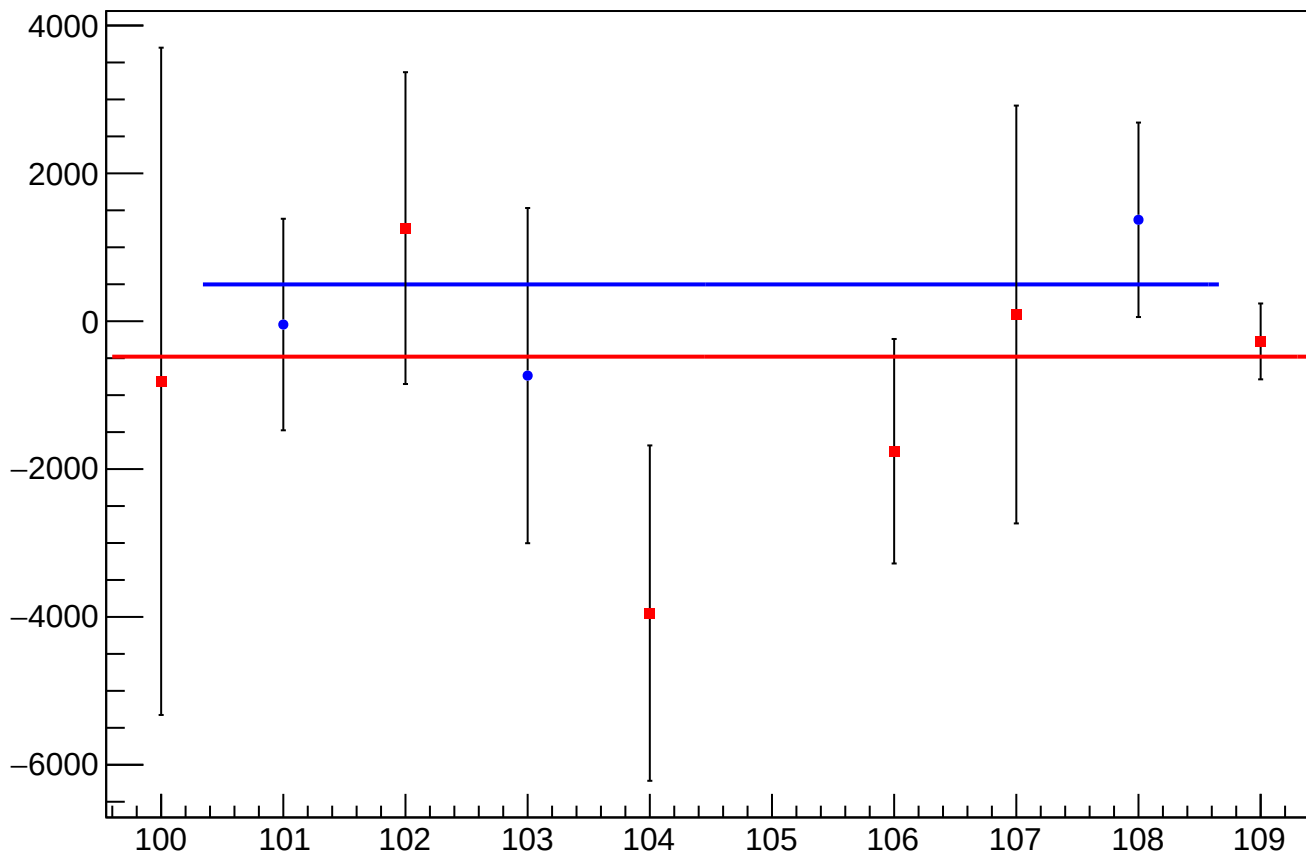
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.107+/-0.478 χ^2/NDF : 655171.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug



Right In: 497.860 $\pm$ 890.453 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -479.285 $\pm$ 455.218 χ^2 /NDF: 3.9/5

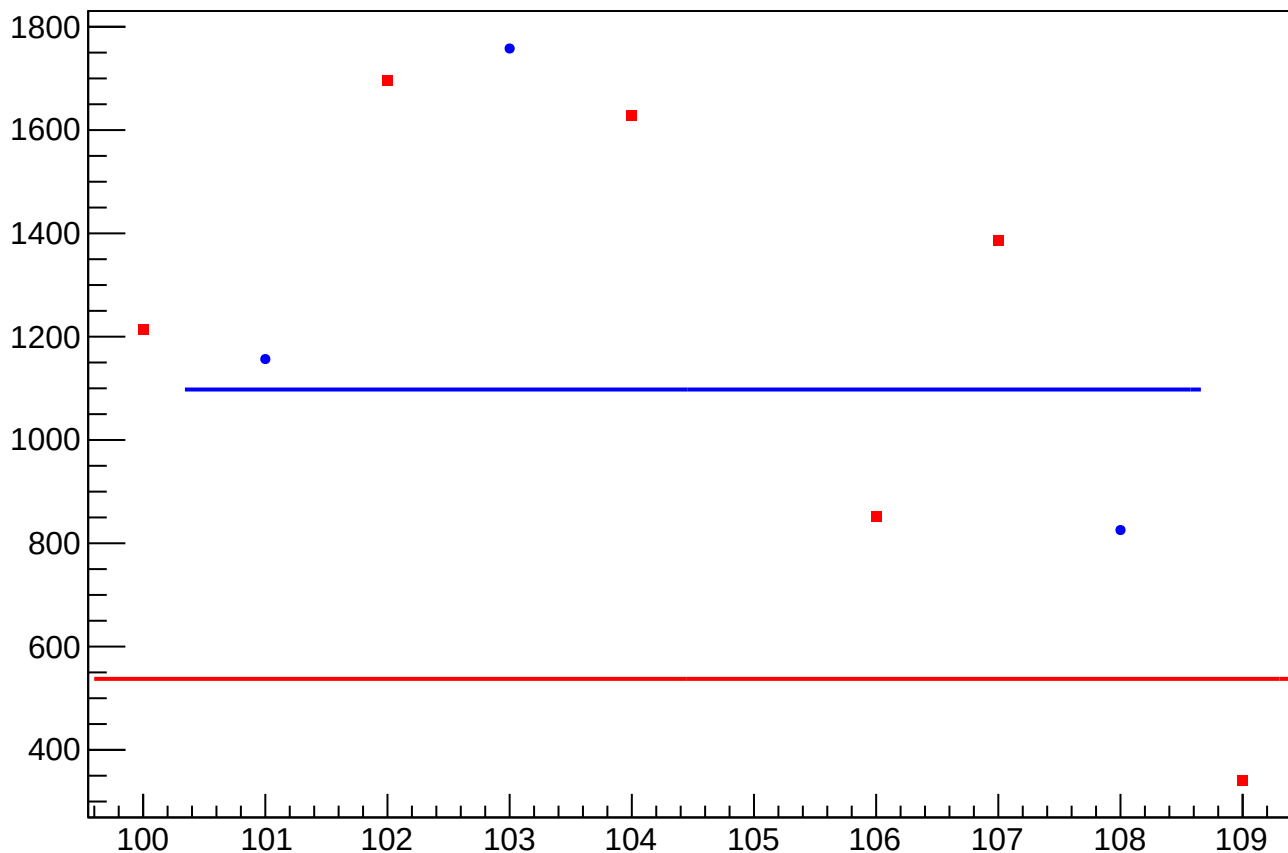
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -276.824 $\pm$ 405.324 χ^2 /NDF: 5.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 1097.699 $\pm$ 0.630 χ^2 /NDF: 258613.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 537.467 $\pm$ 0.322 χ^2 /NDF: 1670672.3/5

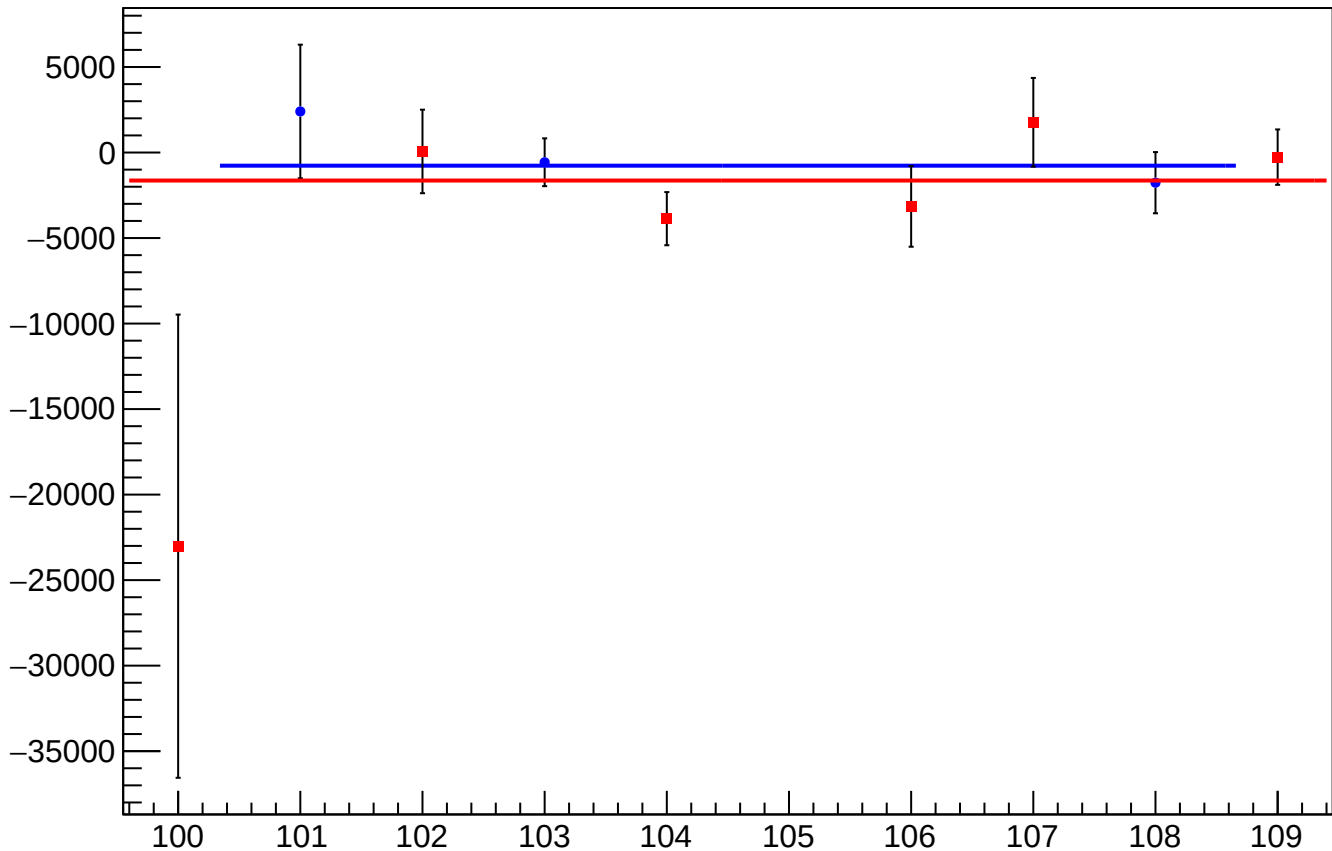
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 653.545 $\pm$ 0.287 χ^2 /NDF: 2556924.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -769.451+/-1060.147 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1636.581+/-878.228 χ^2/NDF : 7.9/5

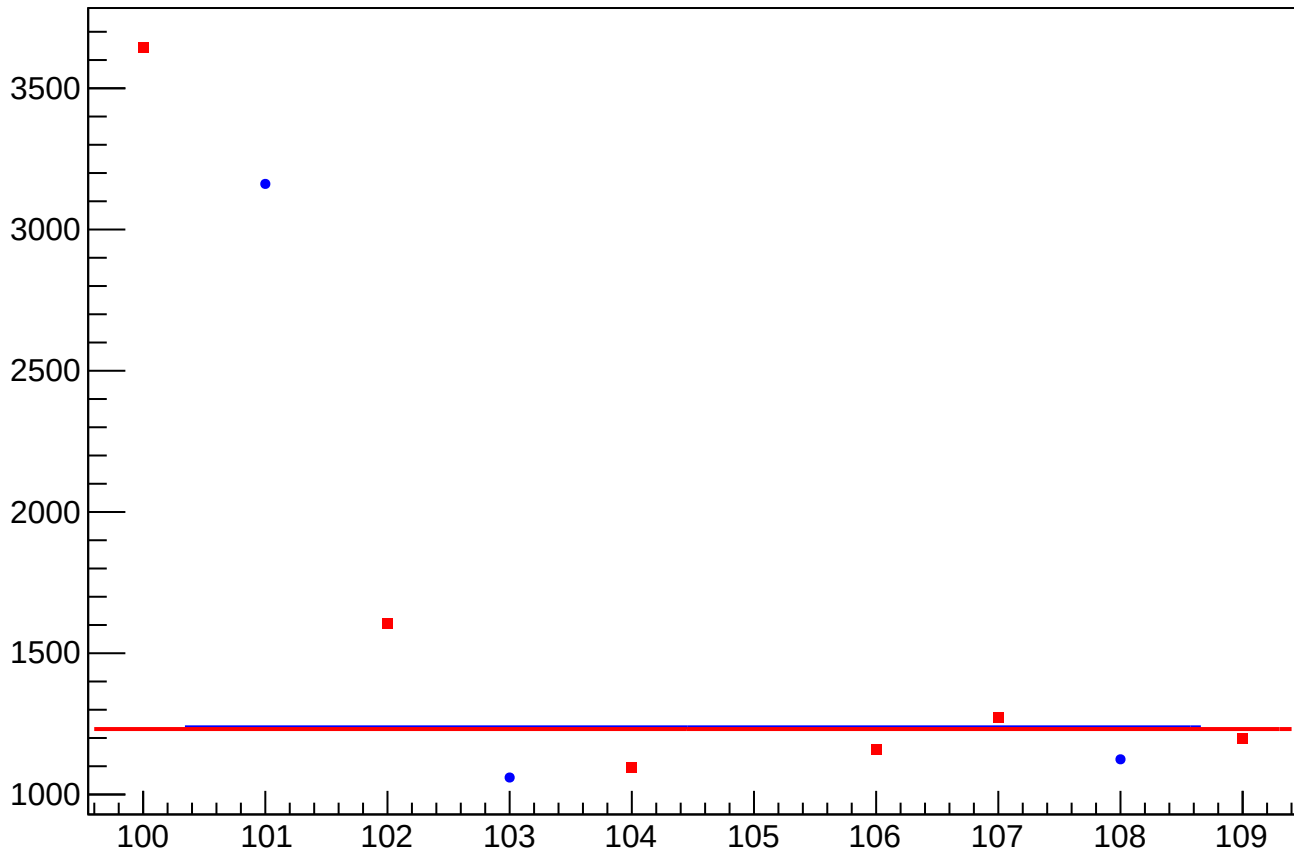
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1283.687+/-676.311 χ^2/NDF : 9.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1237.660+/-0.750 χ^2/NDF : 525935.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1231.669+/-0.621 χ^2/NDF : 129198.0/5

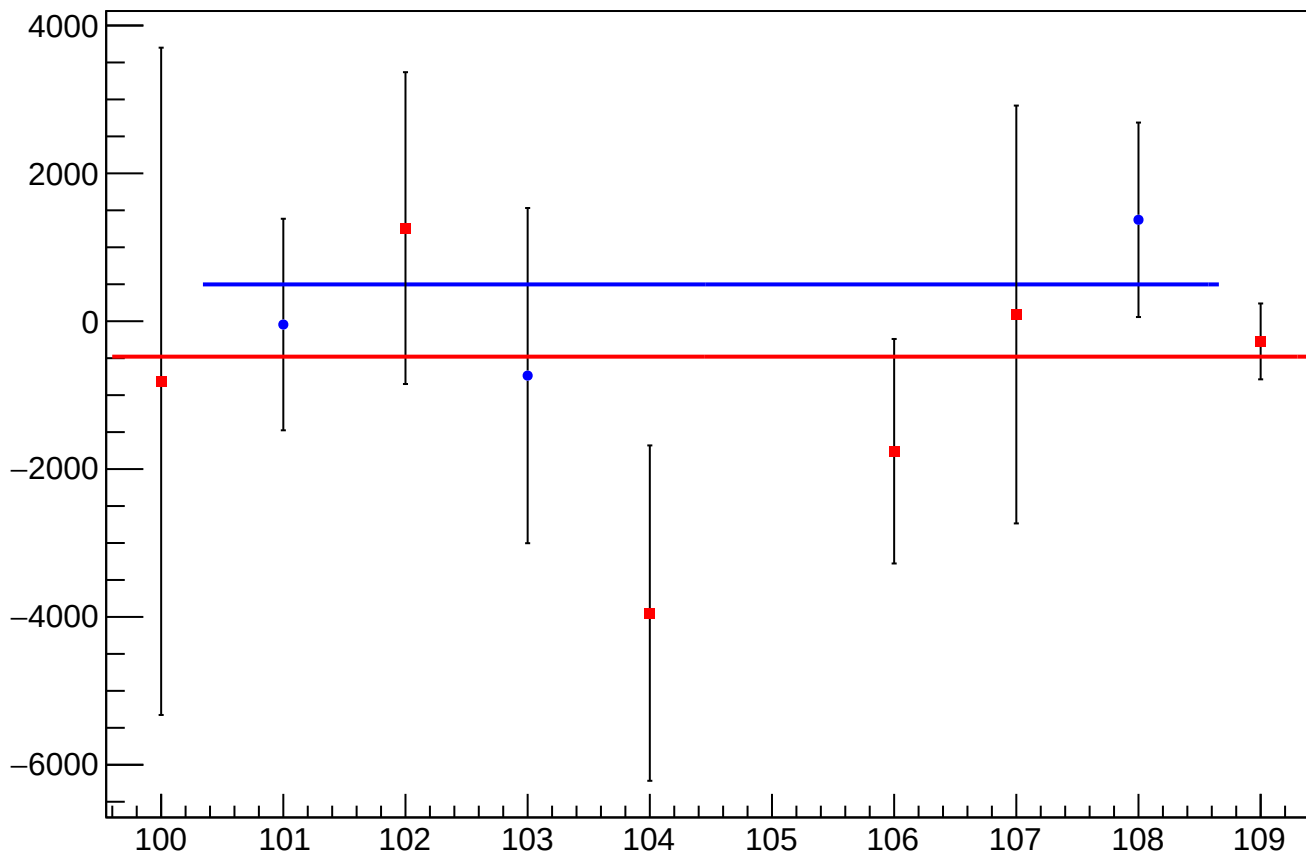
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.107+/-0.478 χ^2/NDF : 655171.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 497.850+/-890.453 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -479.283+/-455.213 χ^2/NDF : 3.9/5

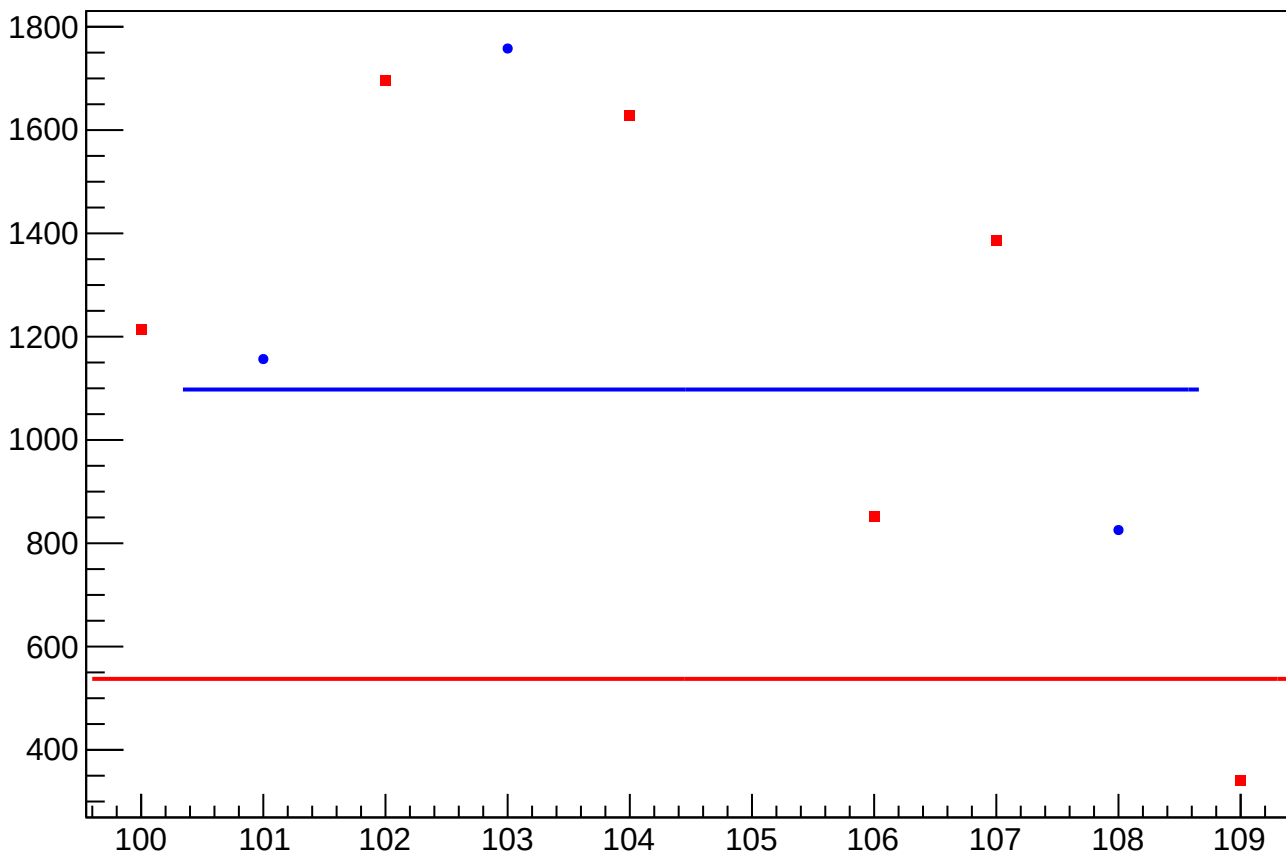
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -276.828+/-405.320 χ^2/NDF : 5.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1097.698 $\pm$ 0.630 χ^2 /NDF: 258614.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 537.457 $\pm$ 0.322 χ^2 /NDF: 1670704.9/5

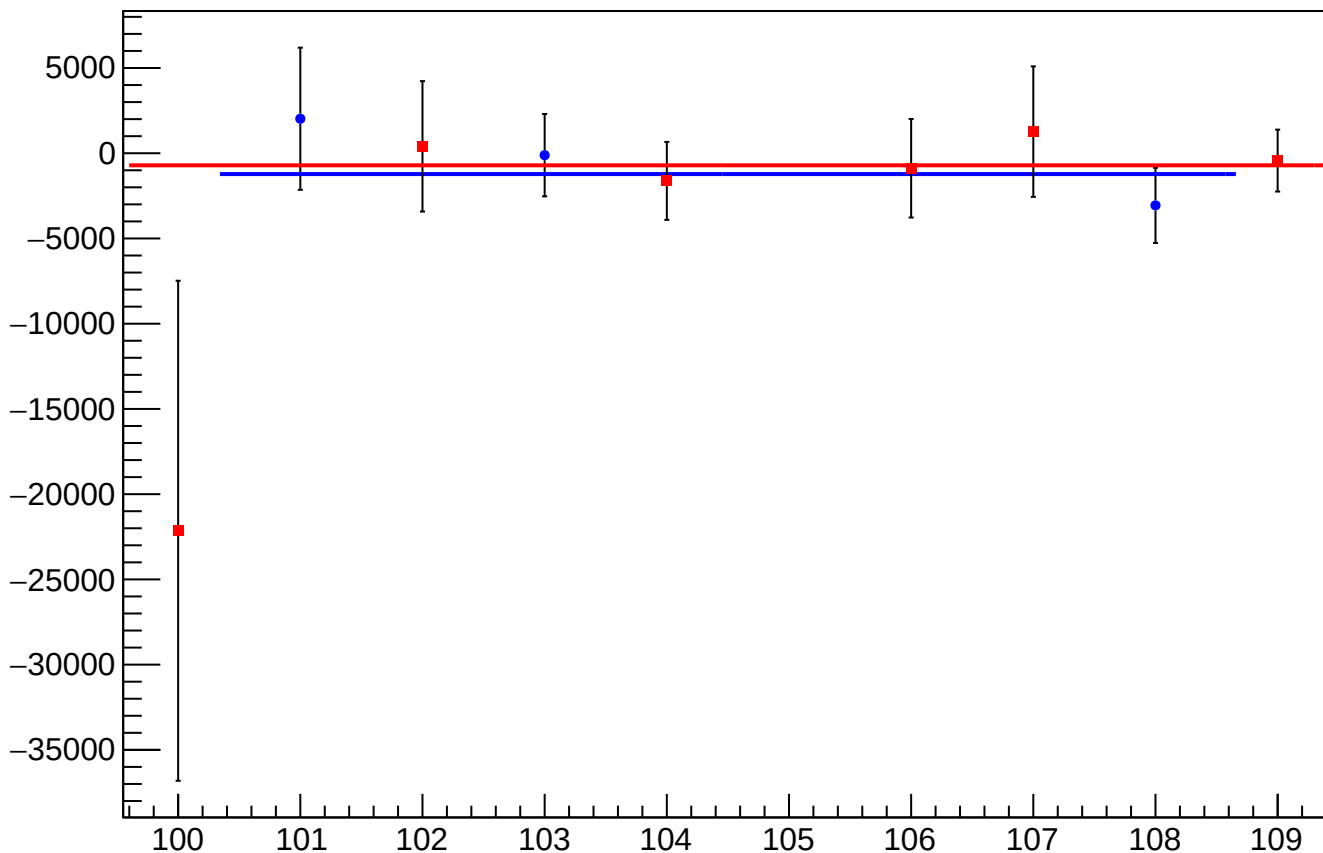
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 653.535 $\pm$ 0.287 χ^2 /NDF: 2556982.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: -1223.316+/-1517.375 χ^2 /NDF: 1.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -708.915+/-1150.435 χ^2 /NDF: 2.7/5

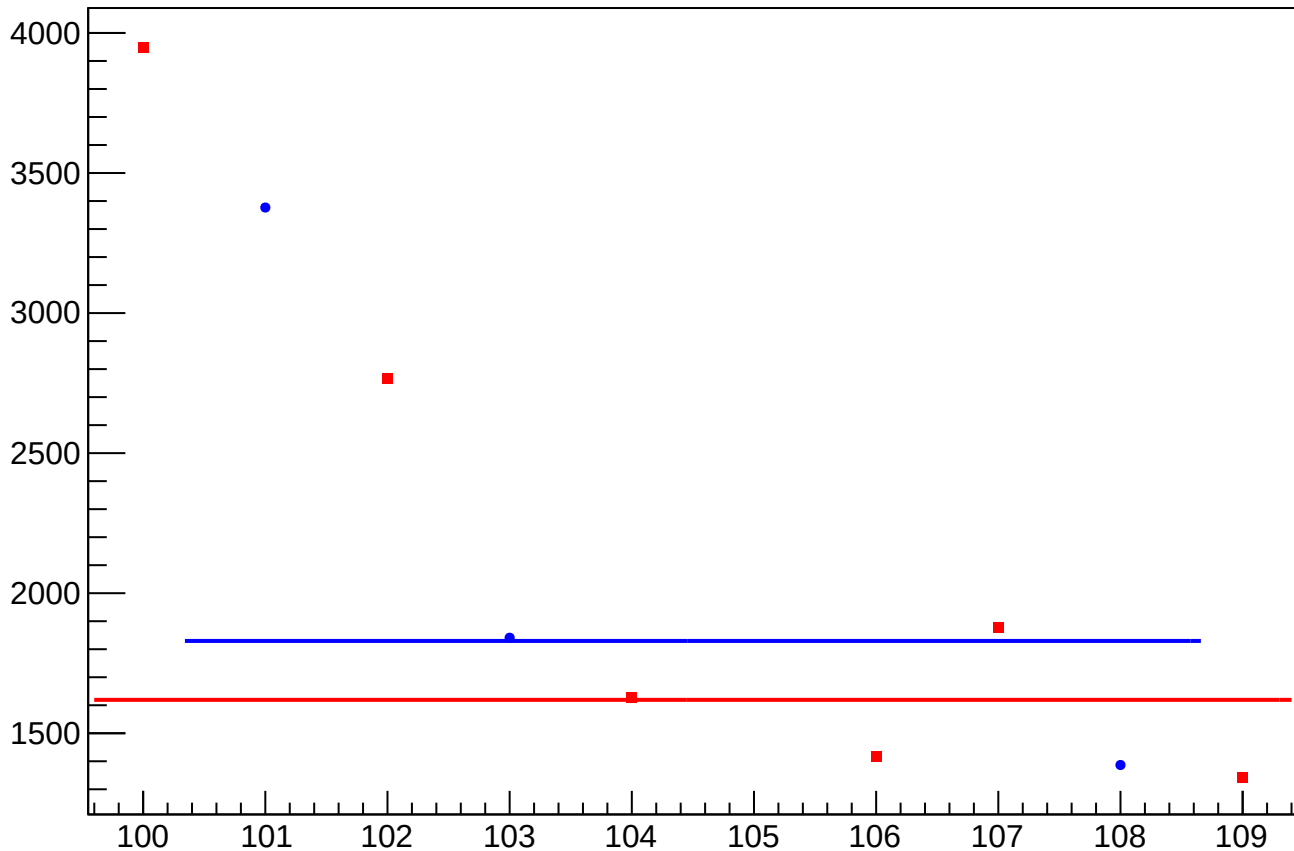
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -896.676+/-916.738 χ^2 /NDF: 4.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1829.578+/-1.073 χ^2/NDF : 356148.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1619.249+/-0.813 χ^2/NDF : 295358.2/5

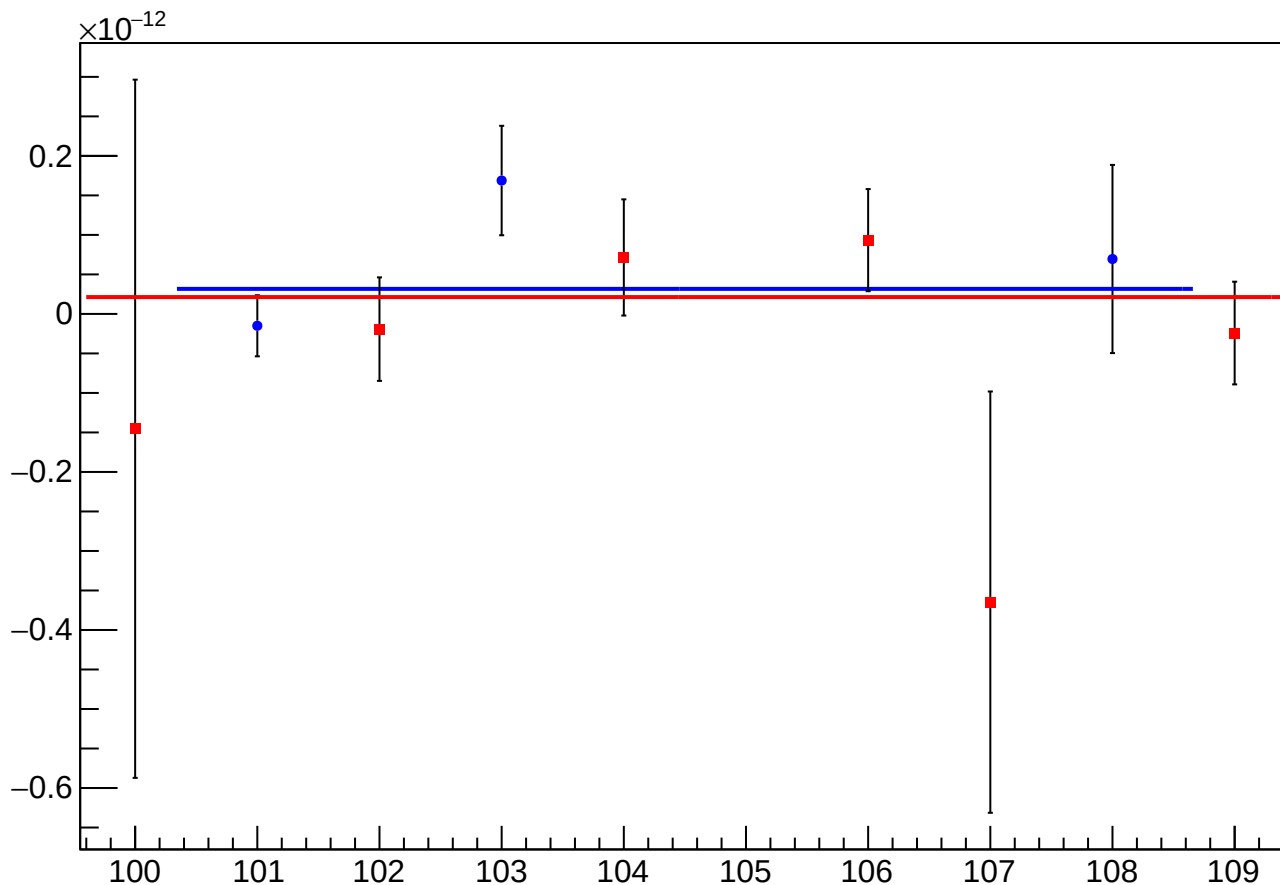
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1696.021+/-0.648 χ^2/NDF : 675908.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.8/5

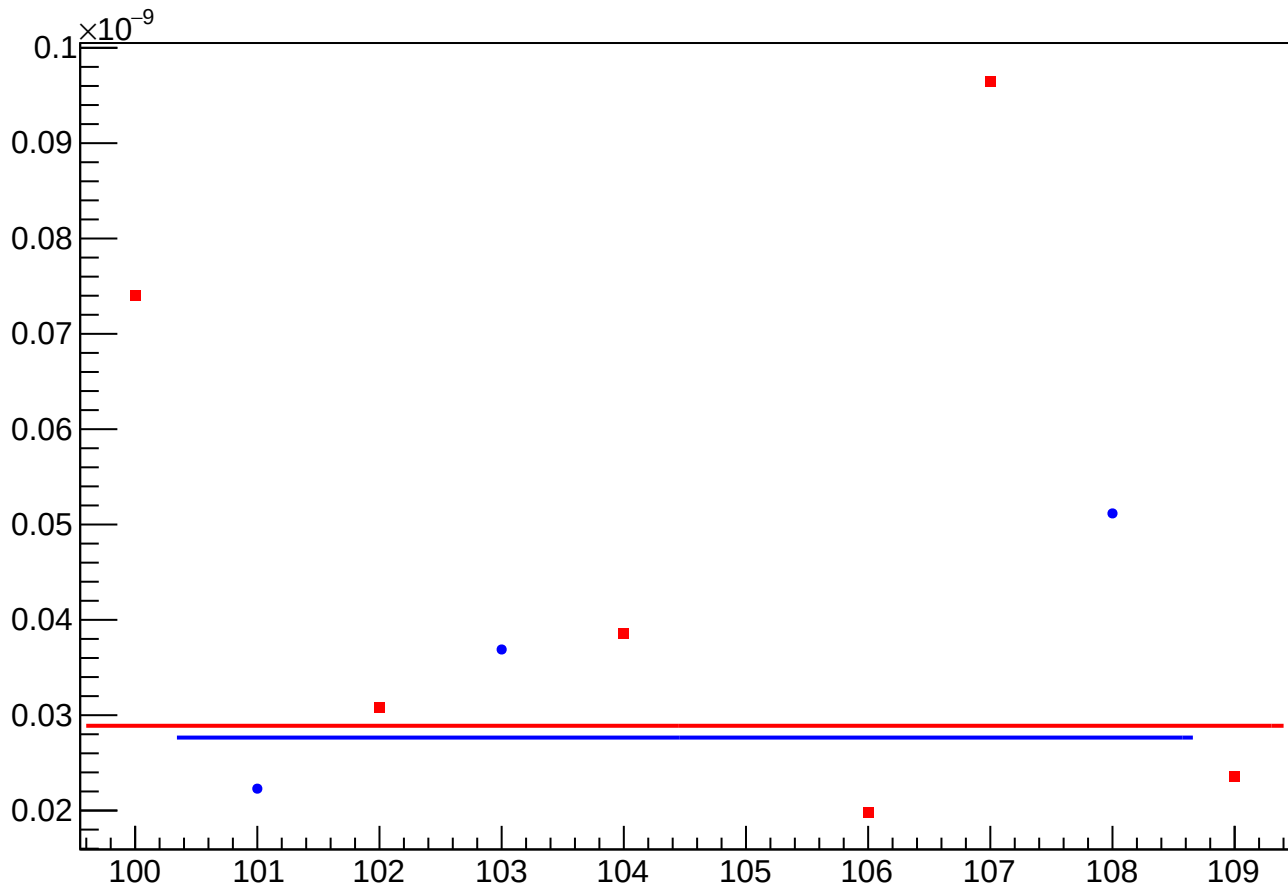
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 151976.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 238568.0/5

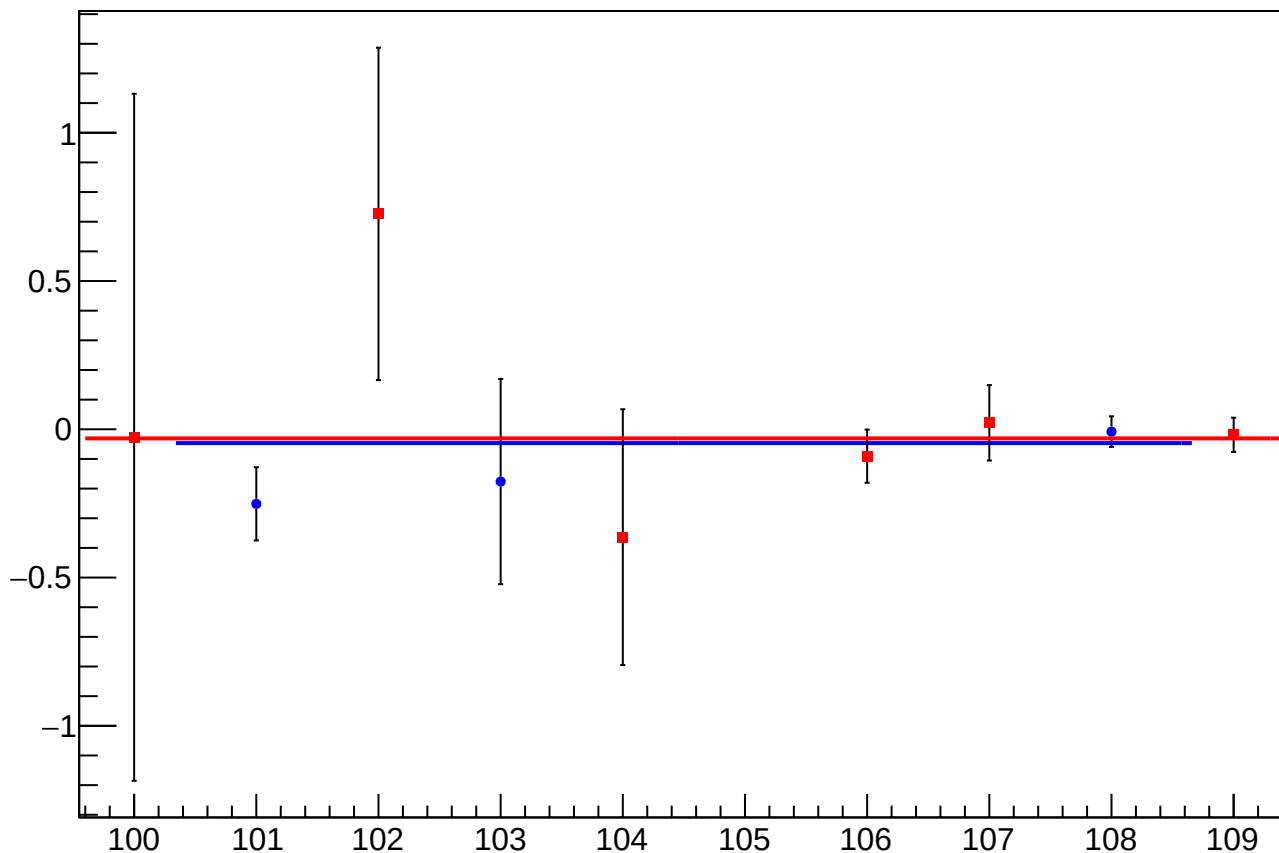
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 391968.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 3.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.031 $\pm$ 0.045 χ^2 /NDF: 3.1/5

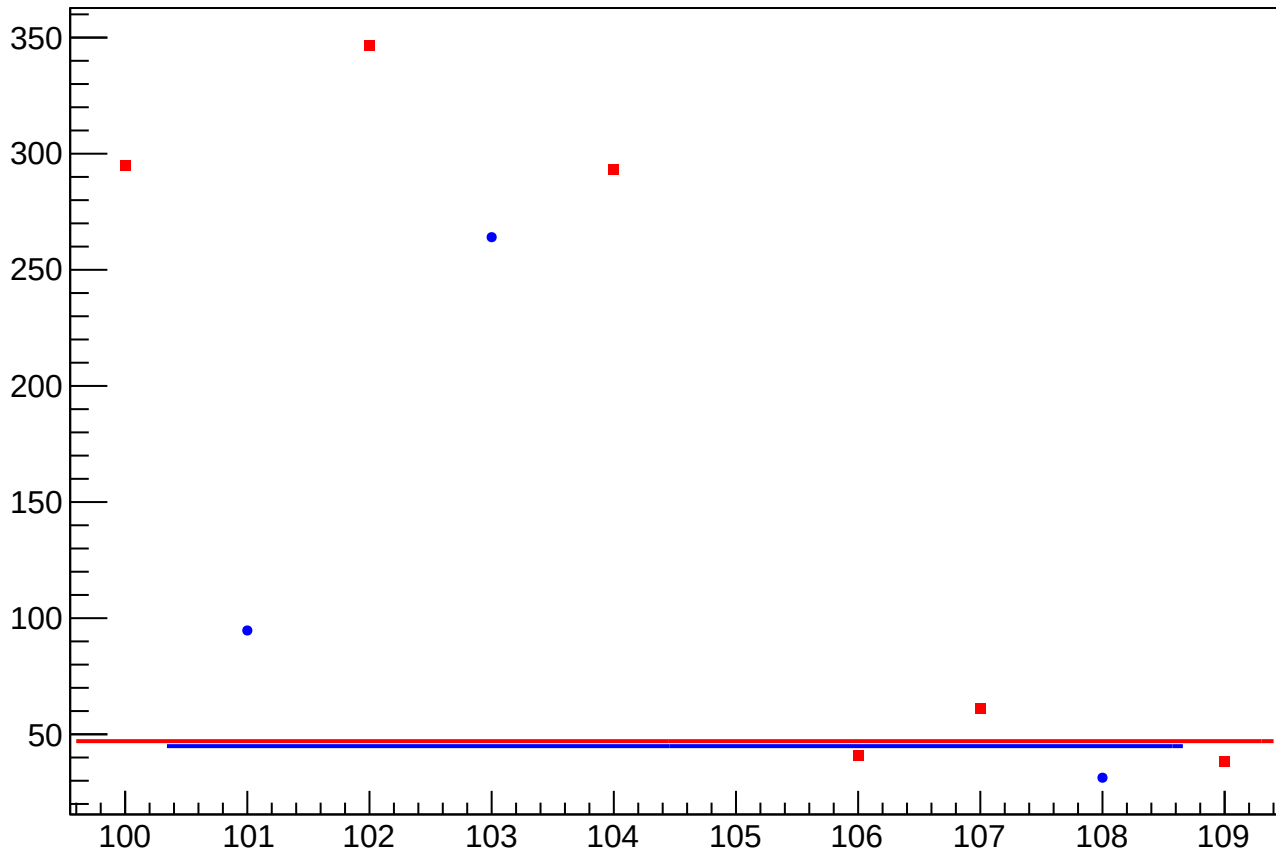
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.038 $\pm$ 0.033 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 44.897 $\pm$ 0.033 χ^2 /NDF: 1266284.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.050 $\pm$ 0.032 χ^2 /NDF: 1389373.5/5

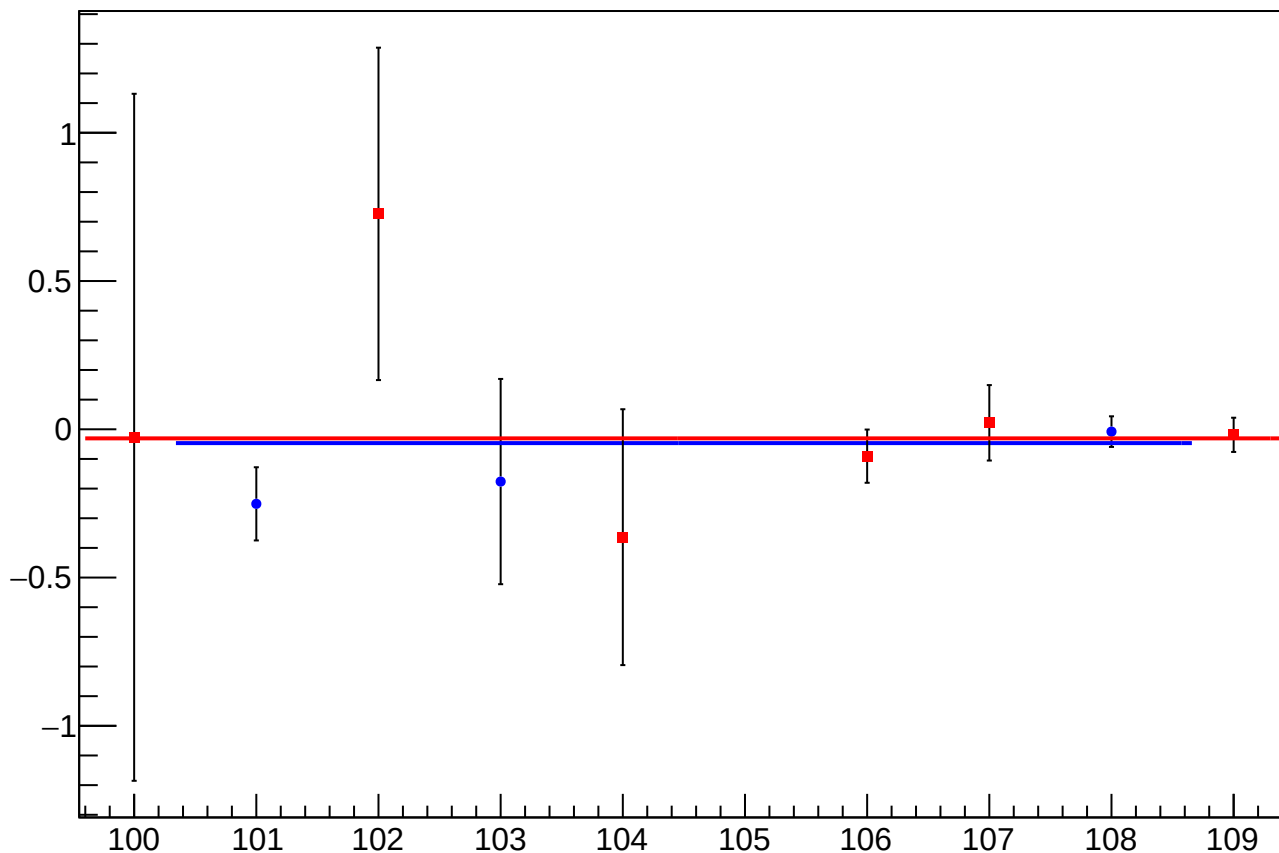
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.026 $\pm$ 0.023 χ^2 /NDF: 2657840.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 3.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.031 $\pm$ 0.045 χ^2 /NDF: 3.1/5

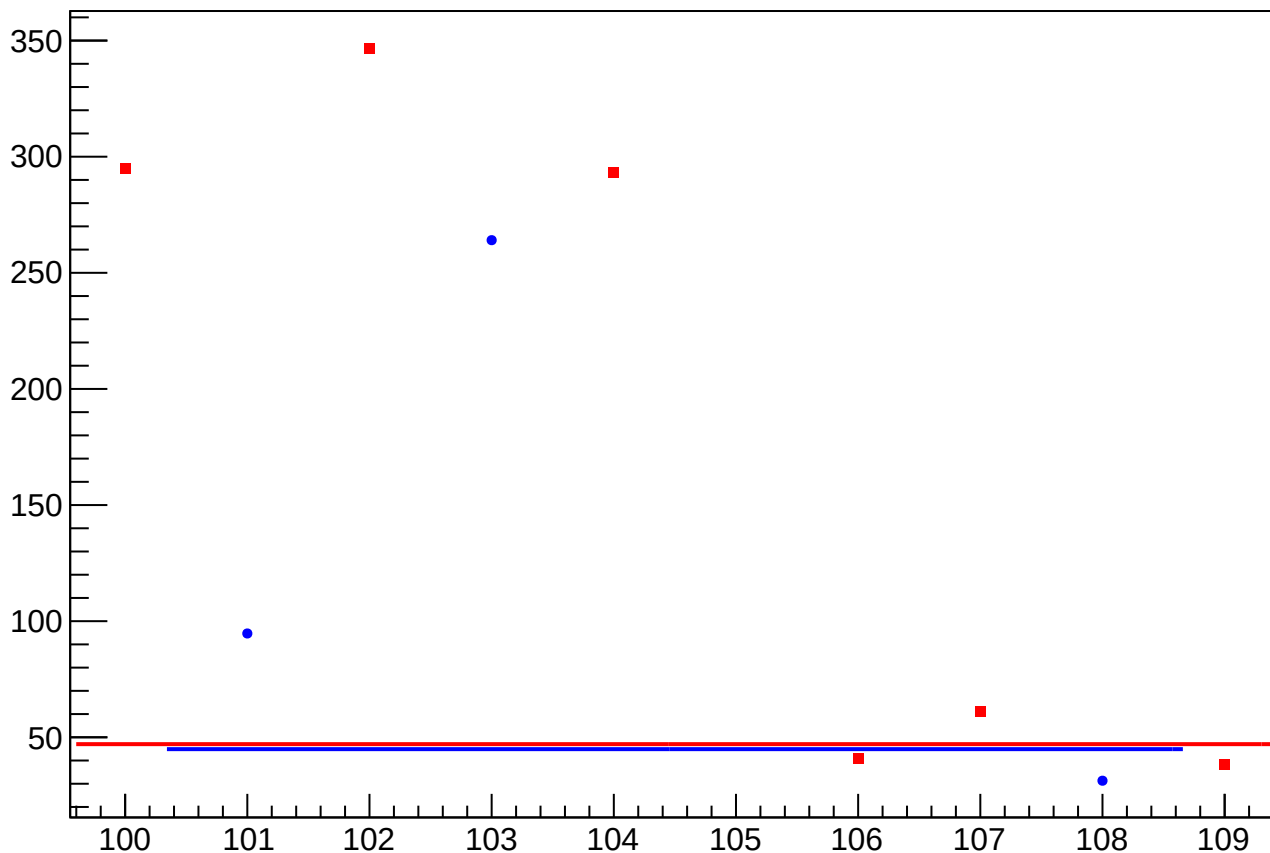
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.038 $\pm$ 0.033 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 44.897+/-0.033 χ^2/NDF : 1266284.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.050+/-0.032 χ^2/NDF : 1389373.5/5

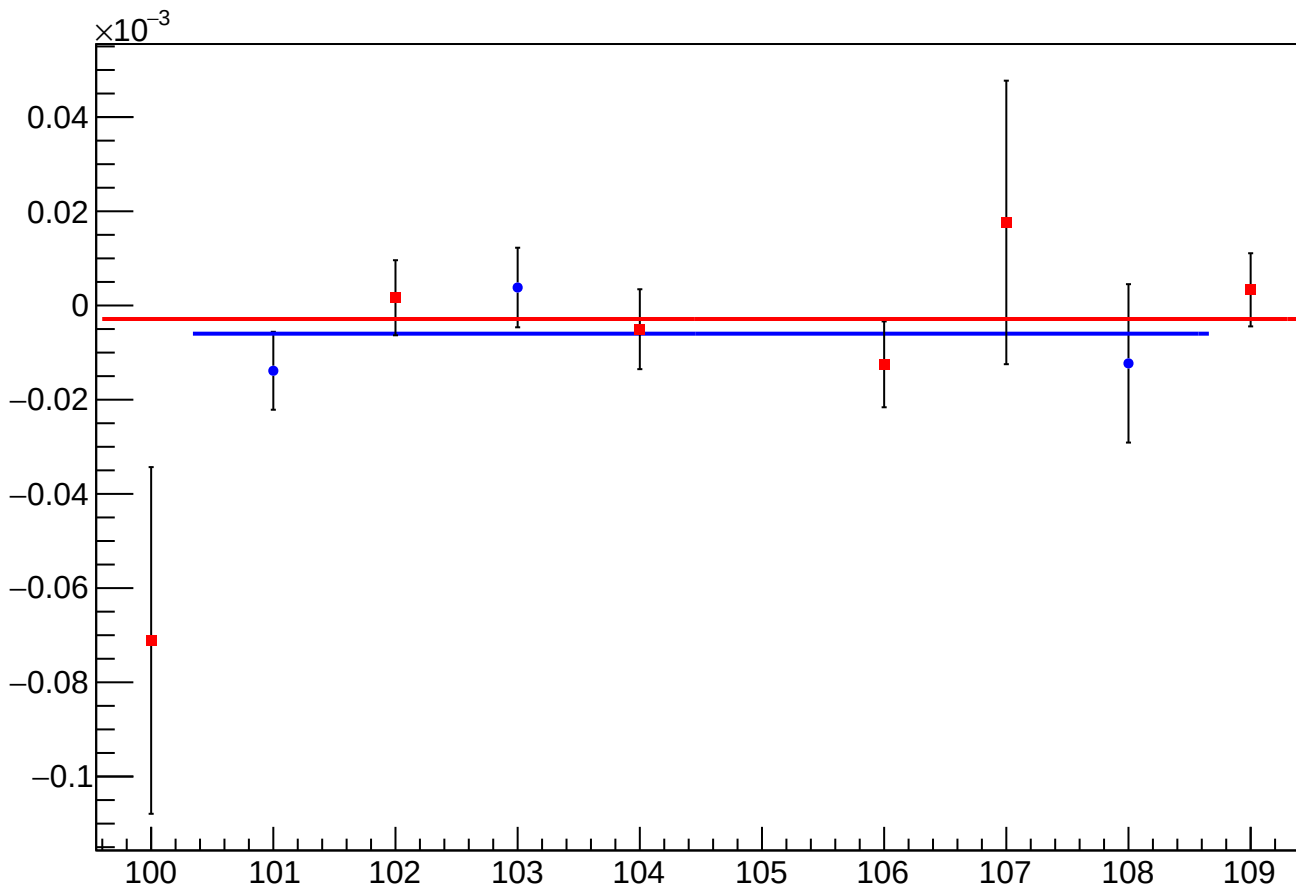
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.026+/-0.023 χ^2/NDF : 2657840.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 2.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 6.0/5

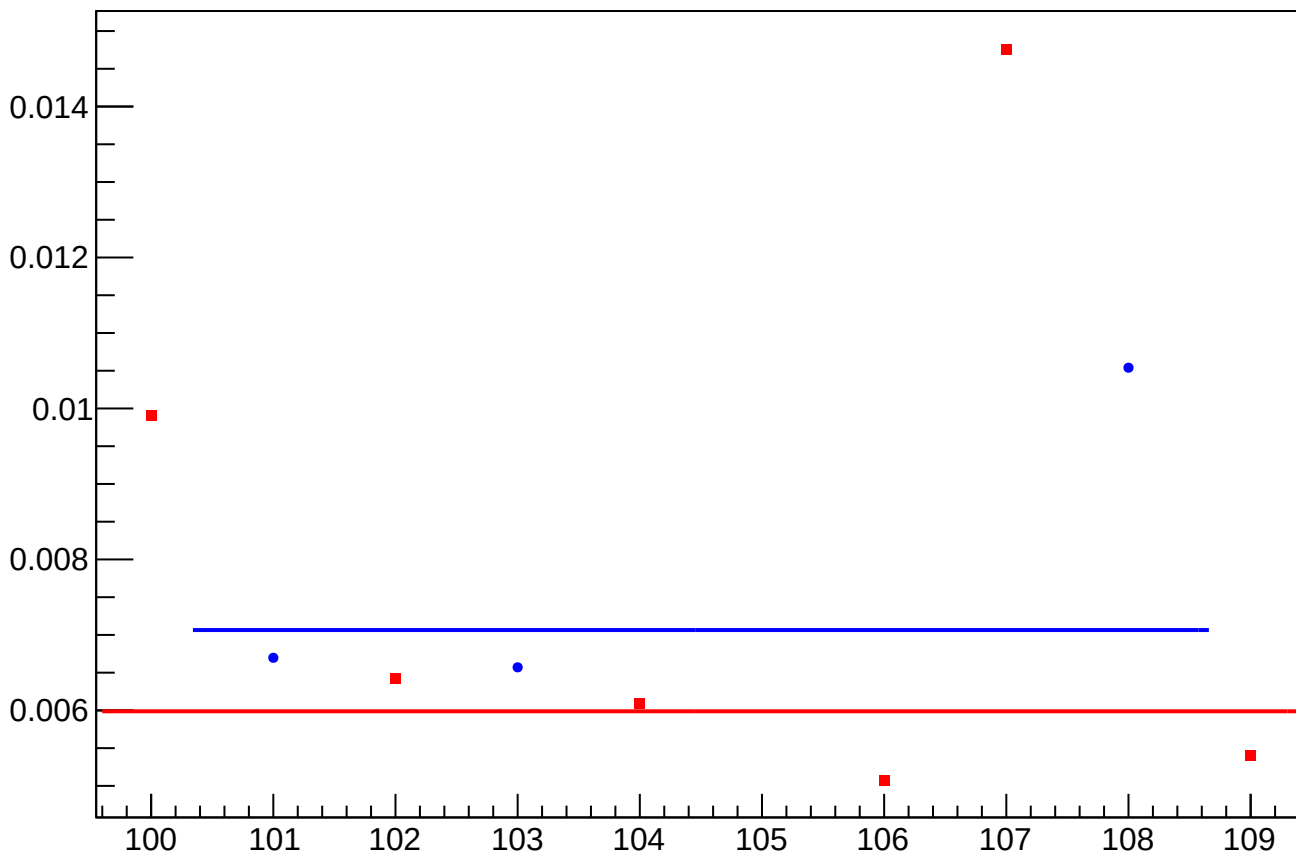
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 8.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 96227.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 230384.3/5

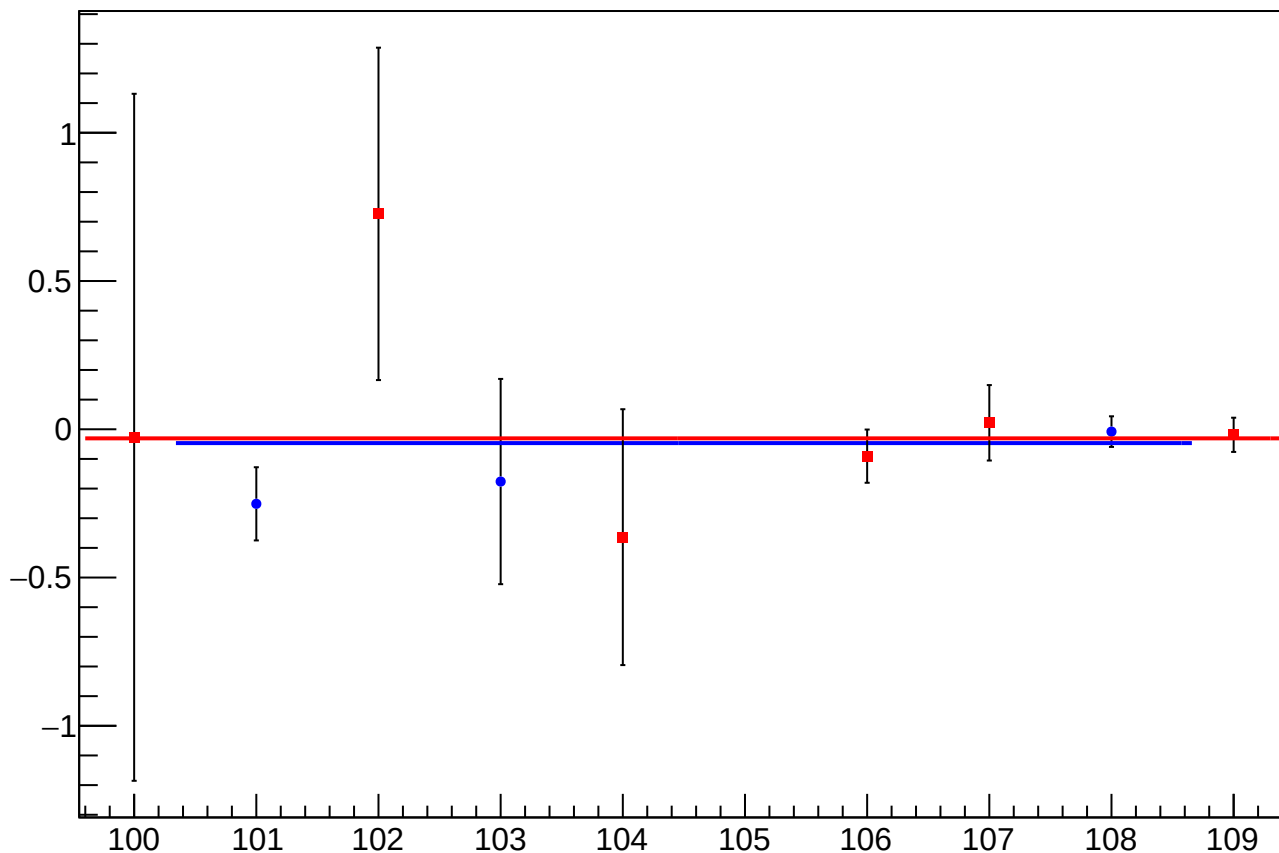
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 375154.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 3.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.031 $\pm$ 0.045 χ^2 /NDF: 3.1/5

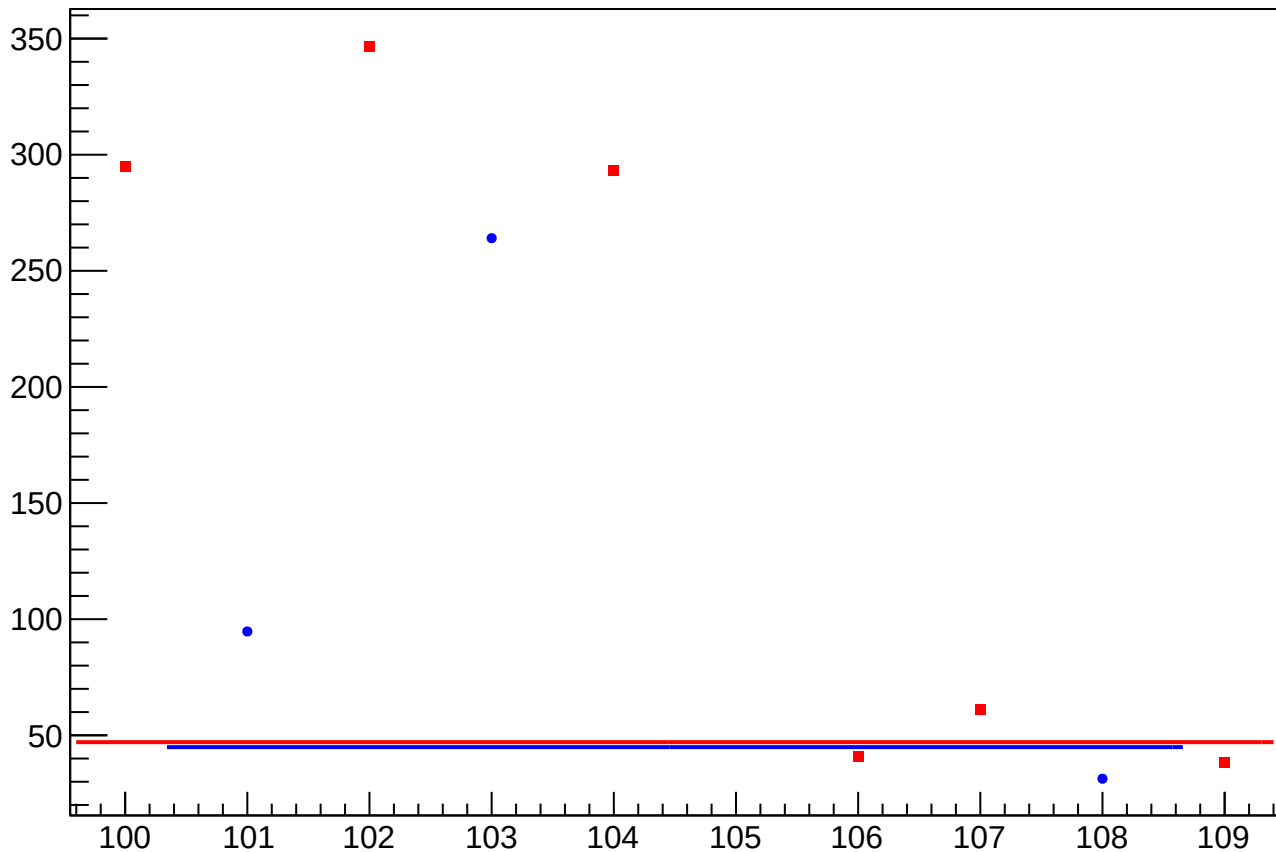
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.038 $\pm$ 0.033 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 44.902 $\pm$ 0.033 χ^2 /NDF: 1266216.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.049 $\pm$ 0.032 χ^2 /NDF: 1389390.4/5

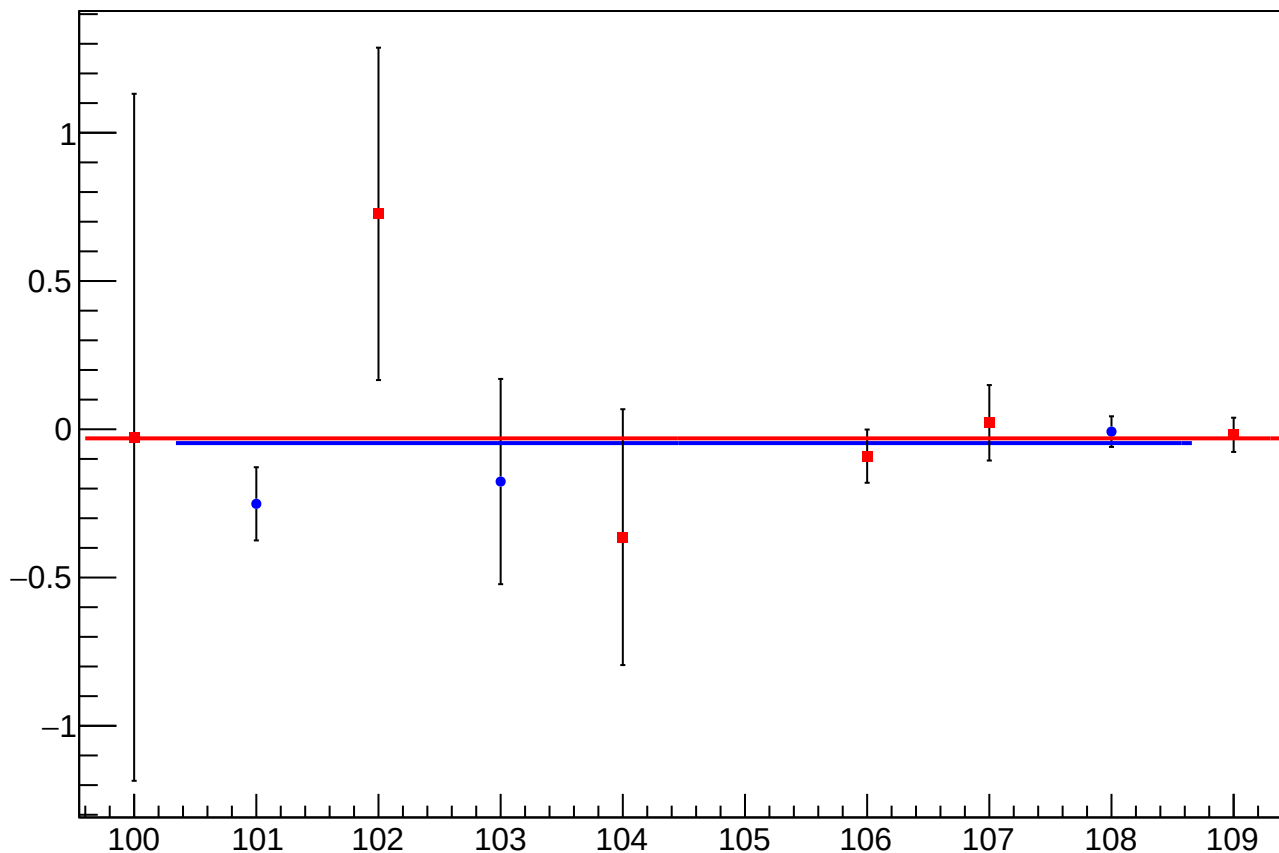
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.028 $\pm$ 0.023 χ^2 /NDF: 2657780.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.047 $\pm$ 0.047 χ^2 /NDF: 3.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.031 $\pm$ 0.045 χ^2 /NDF: 3.1/5

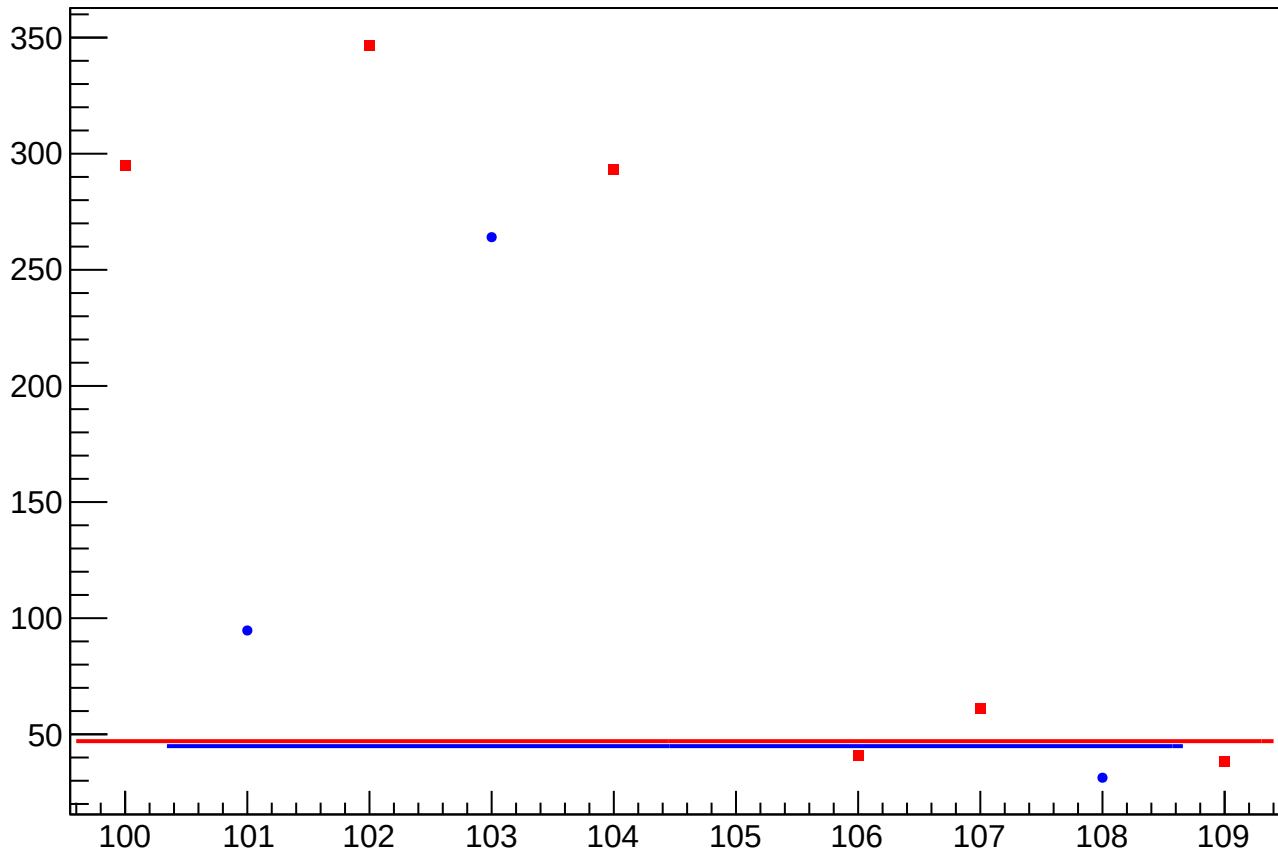
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.038 $\pm$ 0.033 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 44.902 $\pm$ 0.033 χ^2 /NDF: 1266216.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.049 $\pm$ 0.032 χ^2 /NDF: 1389390.4/5

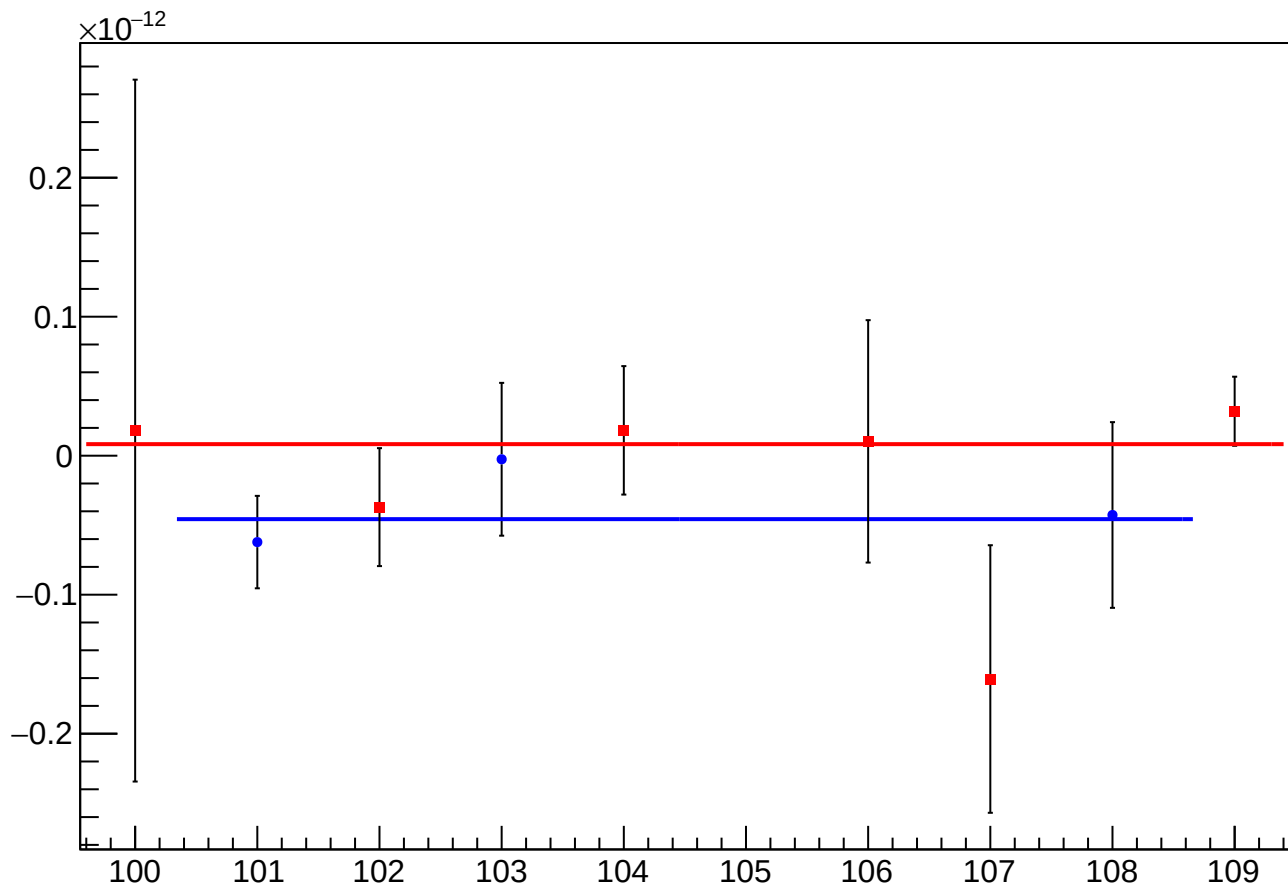
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.028 $\pm$ 0.023 χ^2 /NDF: 2657780.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5.2/5

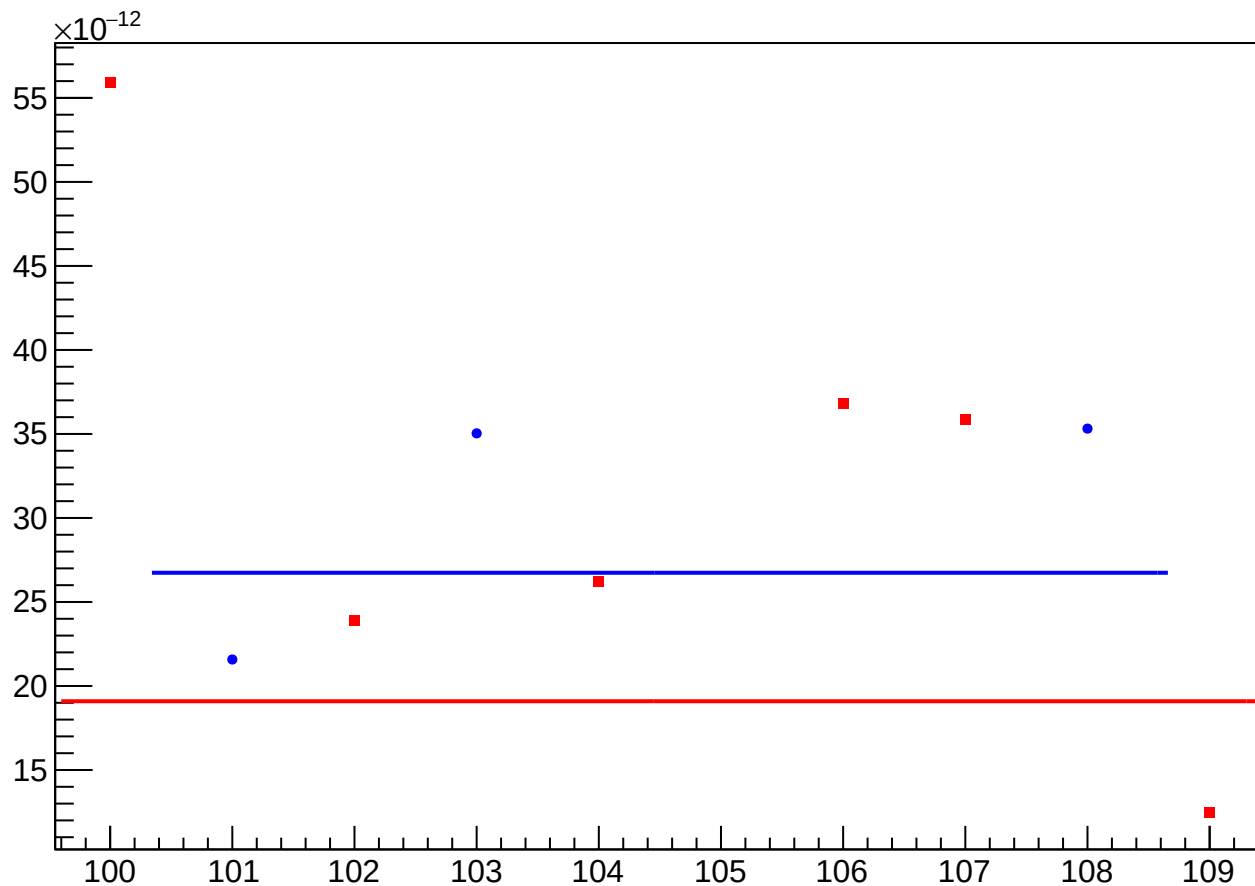
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 126757.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 401231.5/5

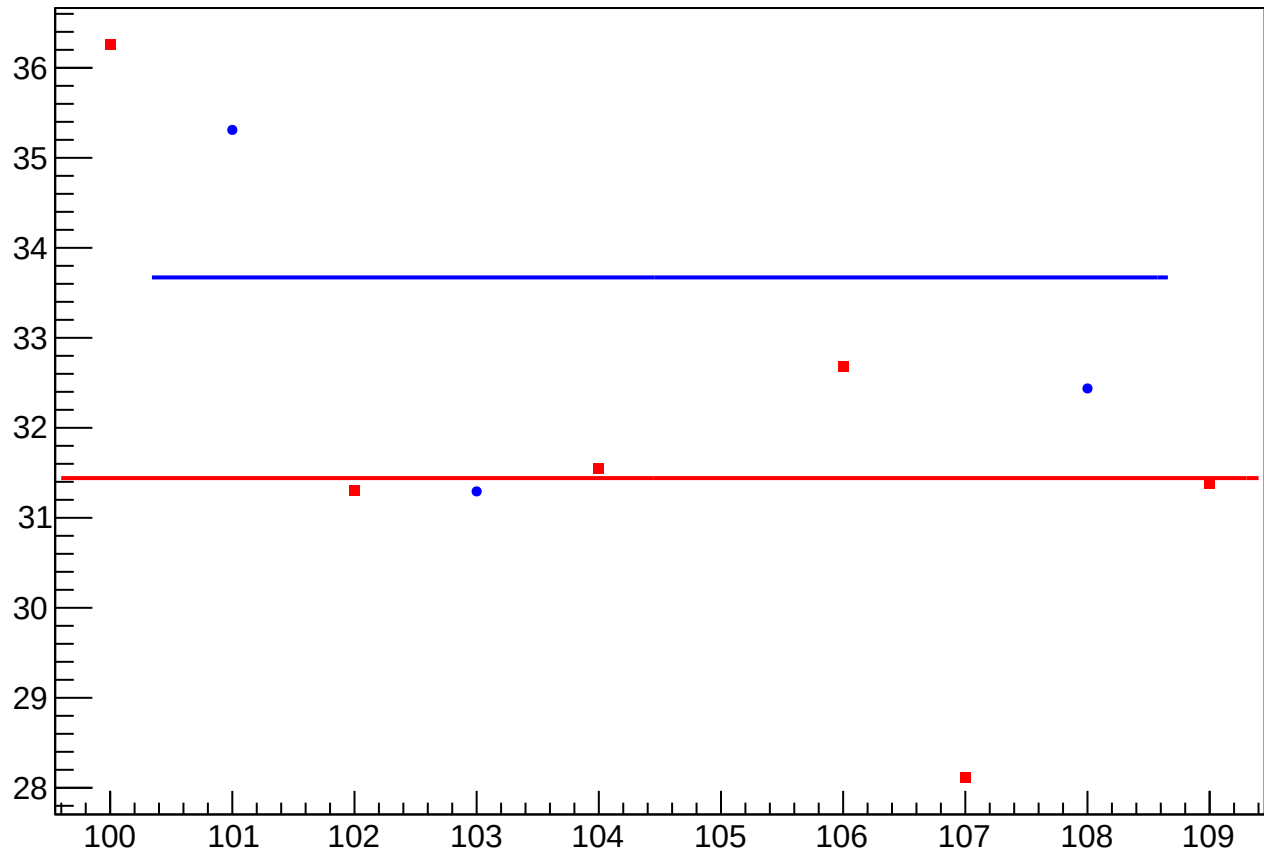
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 641496.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_mean vs Slug



Right In: 33.671+/-0.000 χ^2/NDF : 332087594.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.441+/-0.000 χ^2/NDF : 199564351.0/5

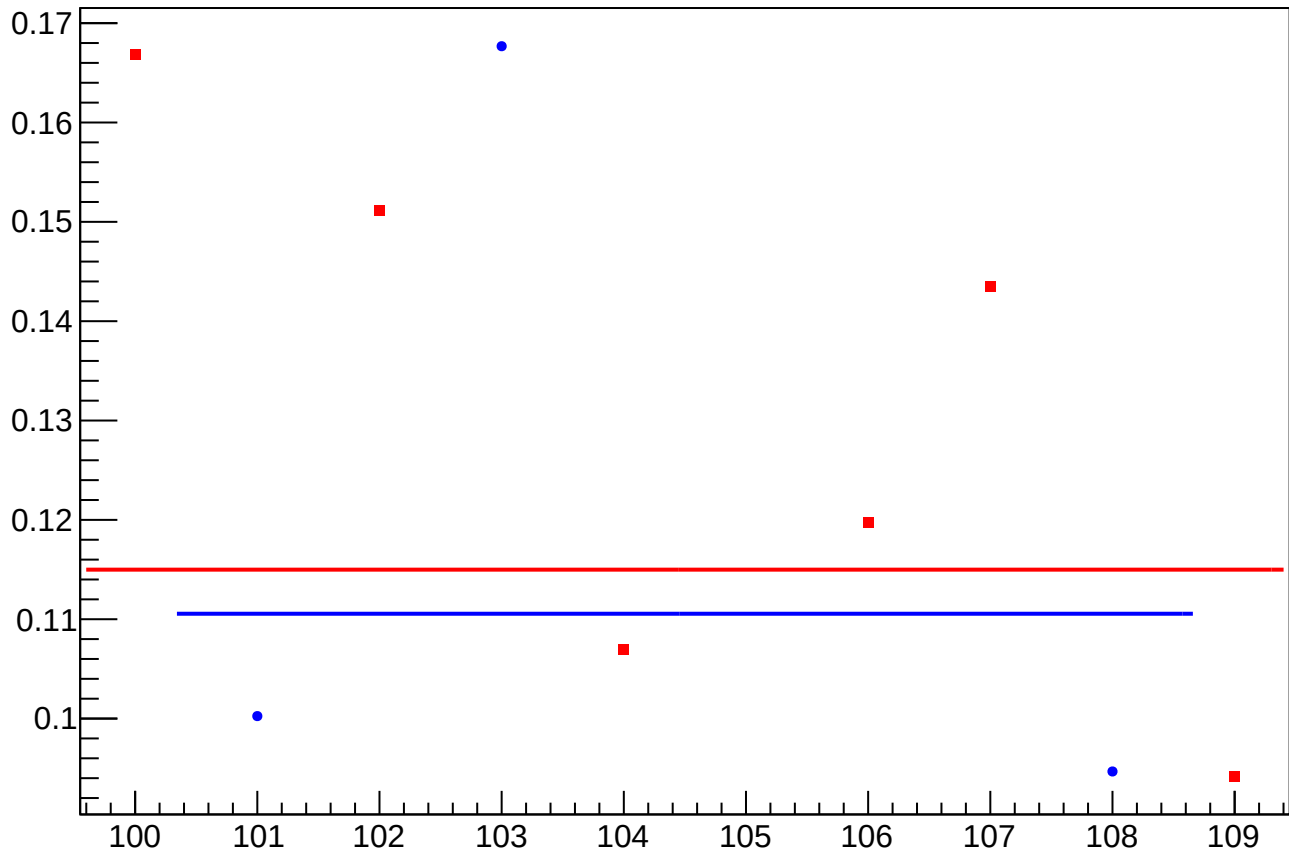
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.422+/-0.000 χ^2/NDF : 856708674.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_rms vs Slug



Right In: 0.111+/-0.000 χ^2/NDF : 167752.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.115+/-0.000 χ^2/NDF : 148544.1/5

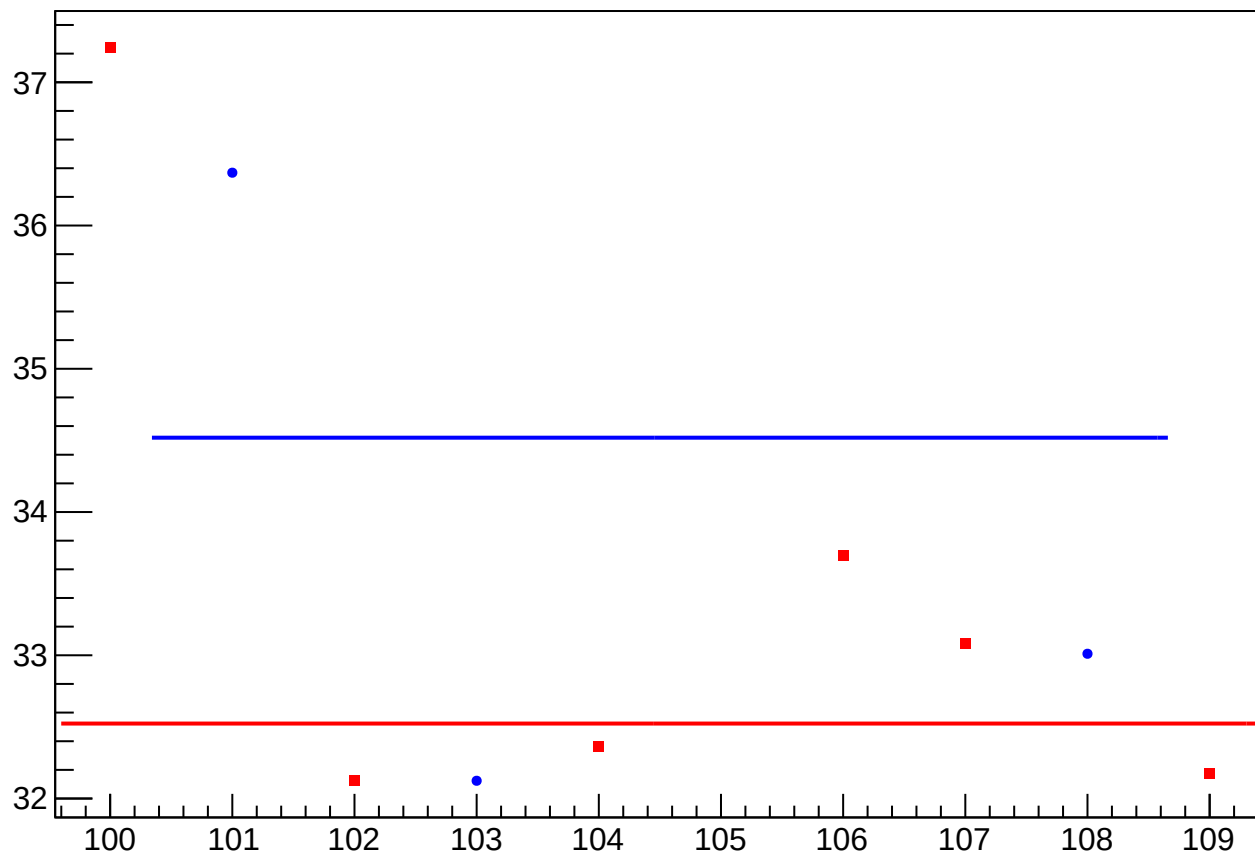
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.113+/-0.000 χ^2/NDF : 318871.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_mean vs Slug



Right In: 34.519 $\pm$ 0.000 χ^2 /NDF: 303328913.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 32.523 $\pm$ 0.000 χ^2 /NDF: 65445499.7/5

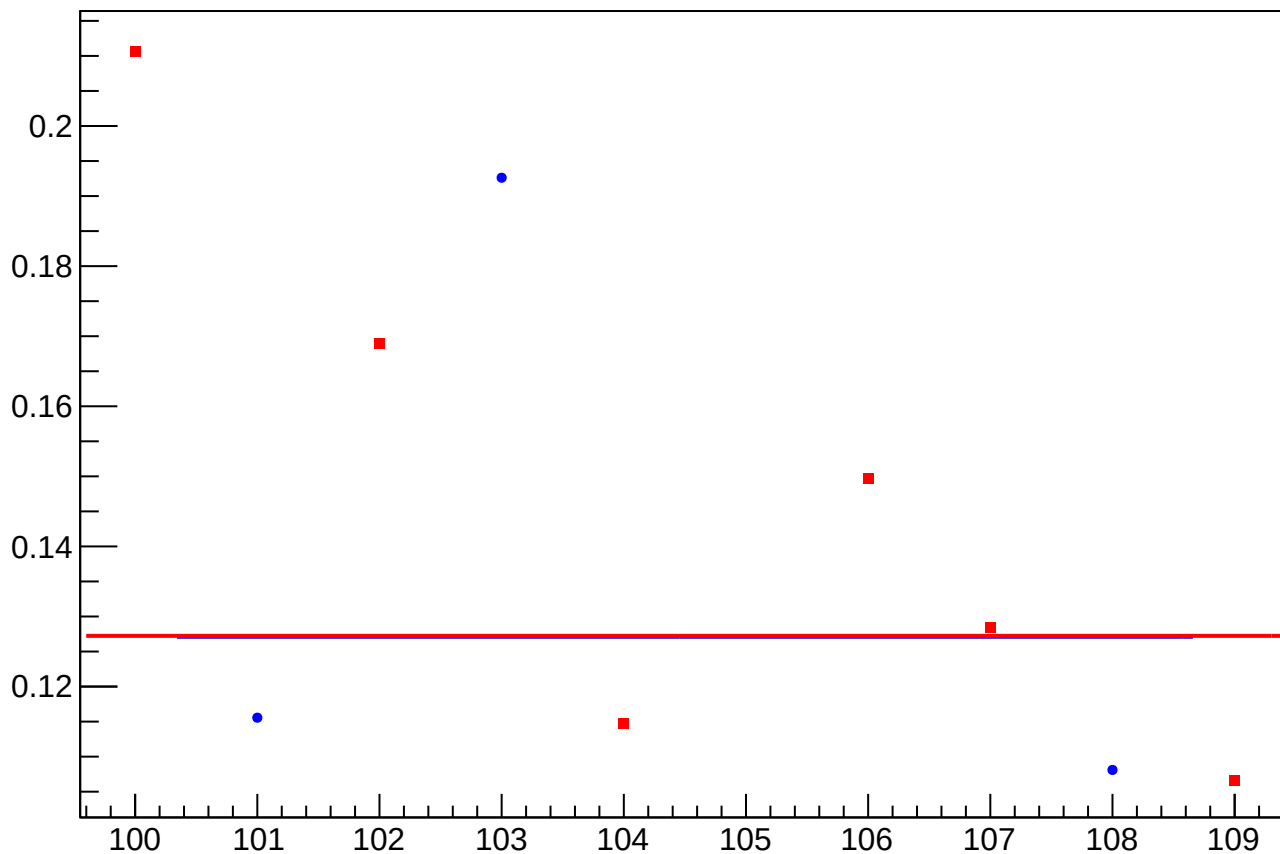
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.363 $\pm$ 0.000 χ^2 /NDF: 570367603.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_usr_rms vs Slug



Right In: 0.127+/-0.000 χ^2/NDF : 167700.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.127+/-0.000 χ^2/NDF : 151850.2/5

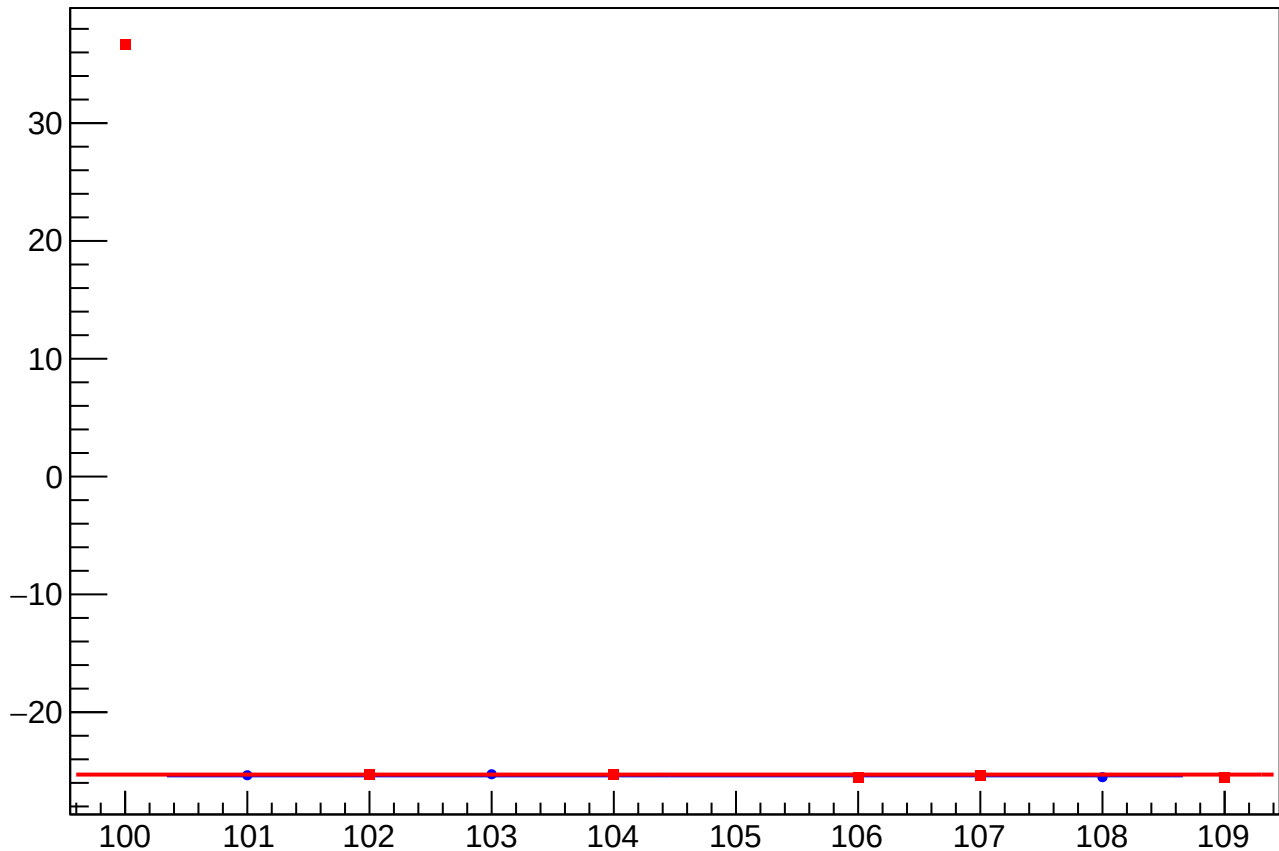
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.127+/-0.000 χ^2/NDF : 319552.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_mean vs Slug



Right In: -25.360 $\pm$ 0.000 χ^2 /NDF: 8464651.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

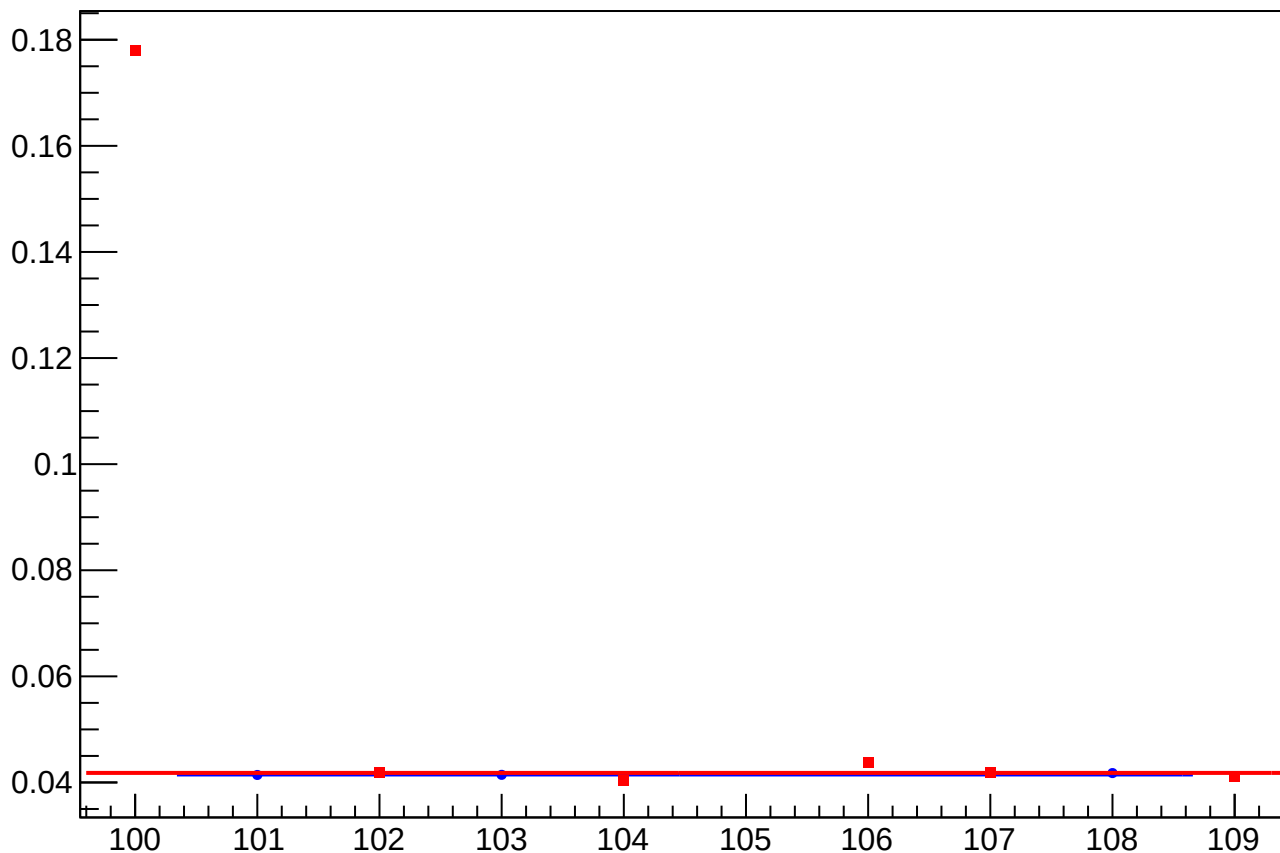
Right Out: -25.294 $\pm$ 0.000 χ^2 /NDF: 8761693309.7/5

All: -25.322 $\pm$ 0.000 χ^2 /NDF: 8772571316.5/10

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsl_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 40.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 87405.5/5

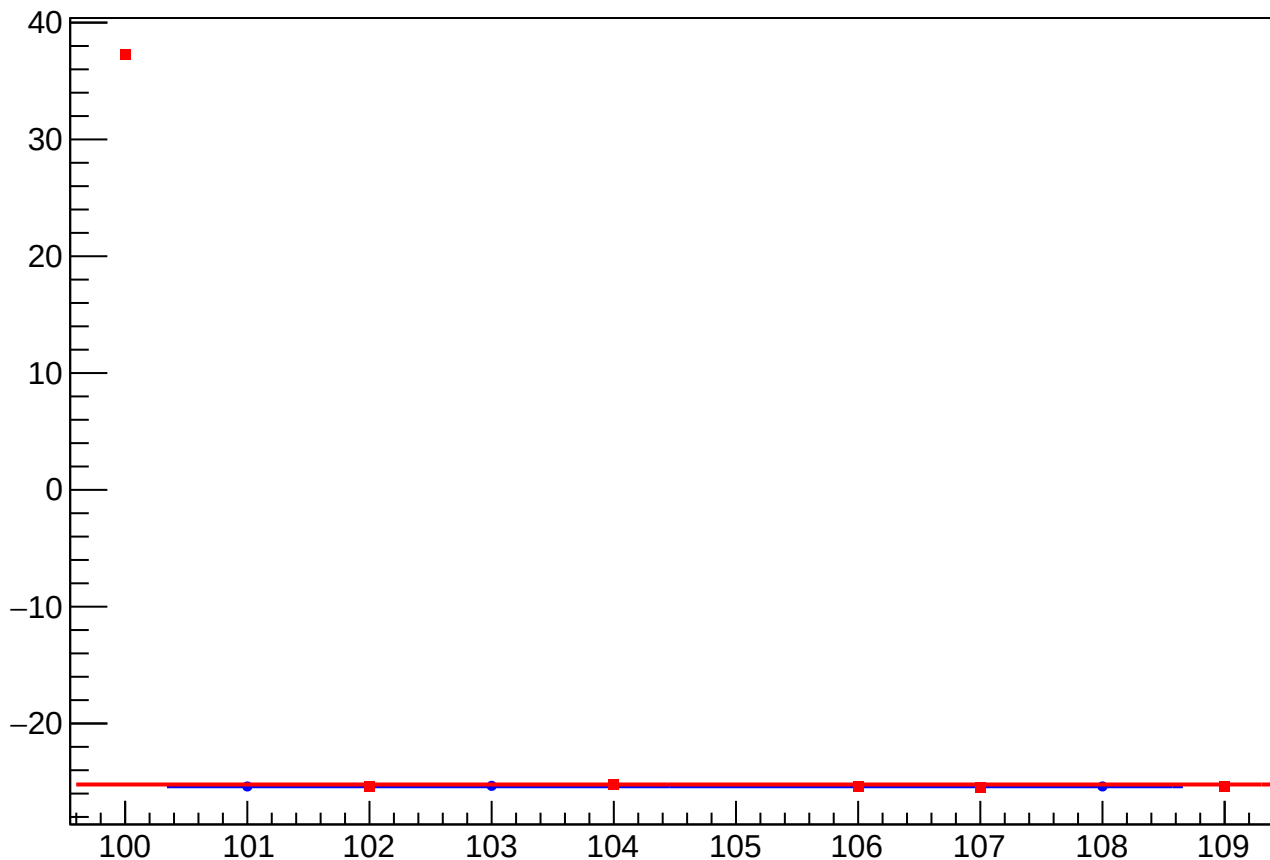
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 87542.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsr_mean vs Slug



Right In: -25.372+/-0.000 χ^2/NDF : 296536.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.222+/-0.000 χ^2/NDF : 6293367031.1/5

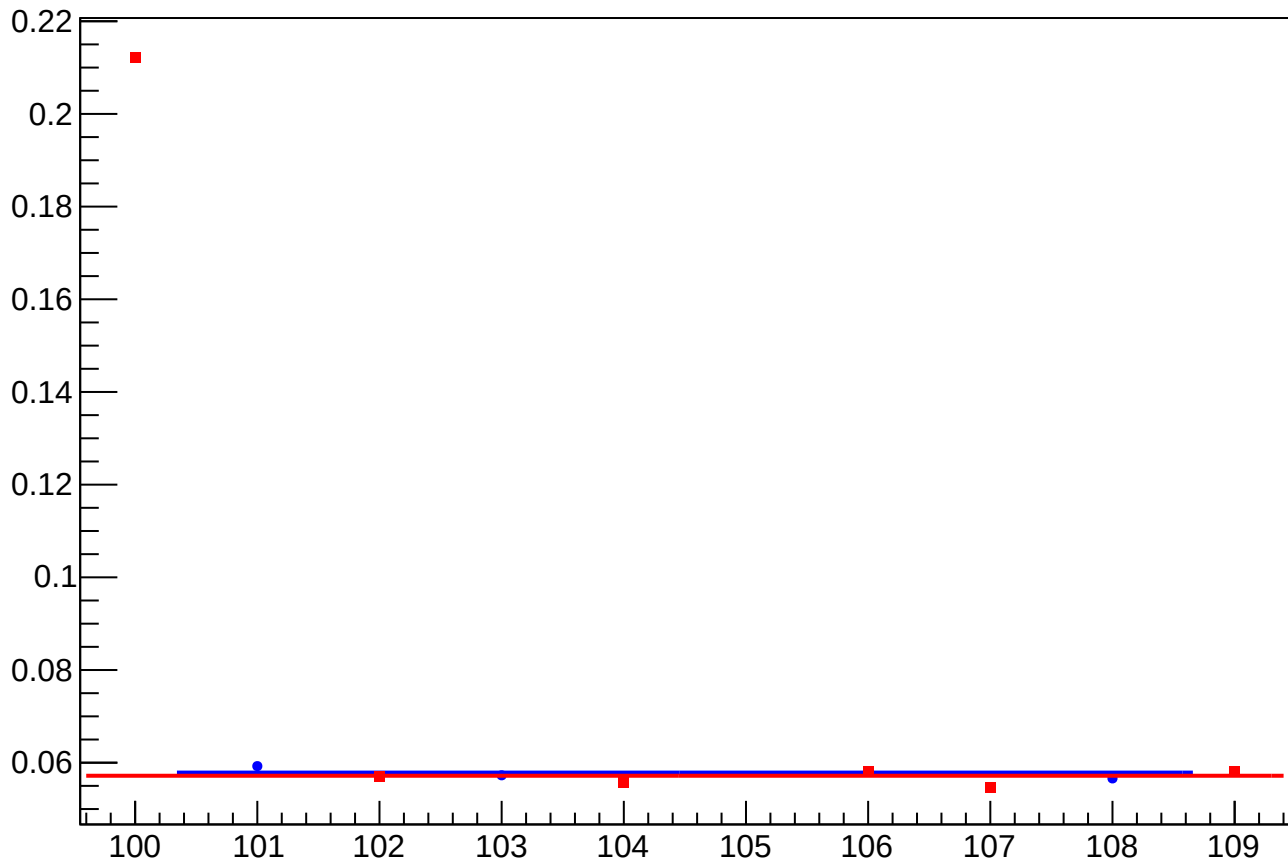
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.283+/-0.000 χ^2/NDF : 6299987015.3/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsr_rms vs Slug



Right In: 0.058 $\pm$ 0.000 χ^2 /NDF: 1202.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.057 $\pm$ 0.000 χ^2 /NDF: 79318.7/5

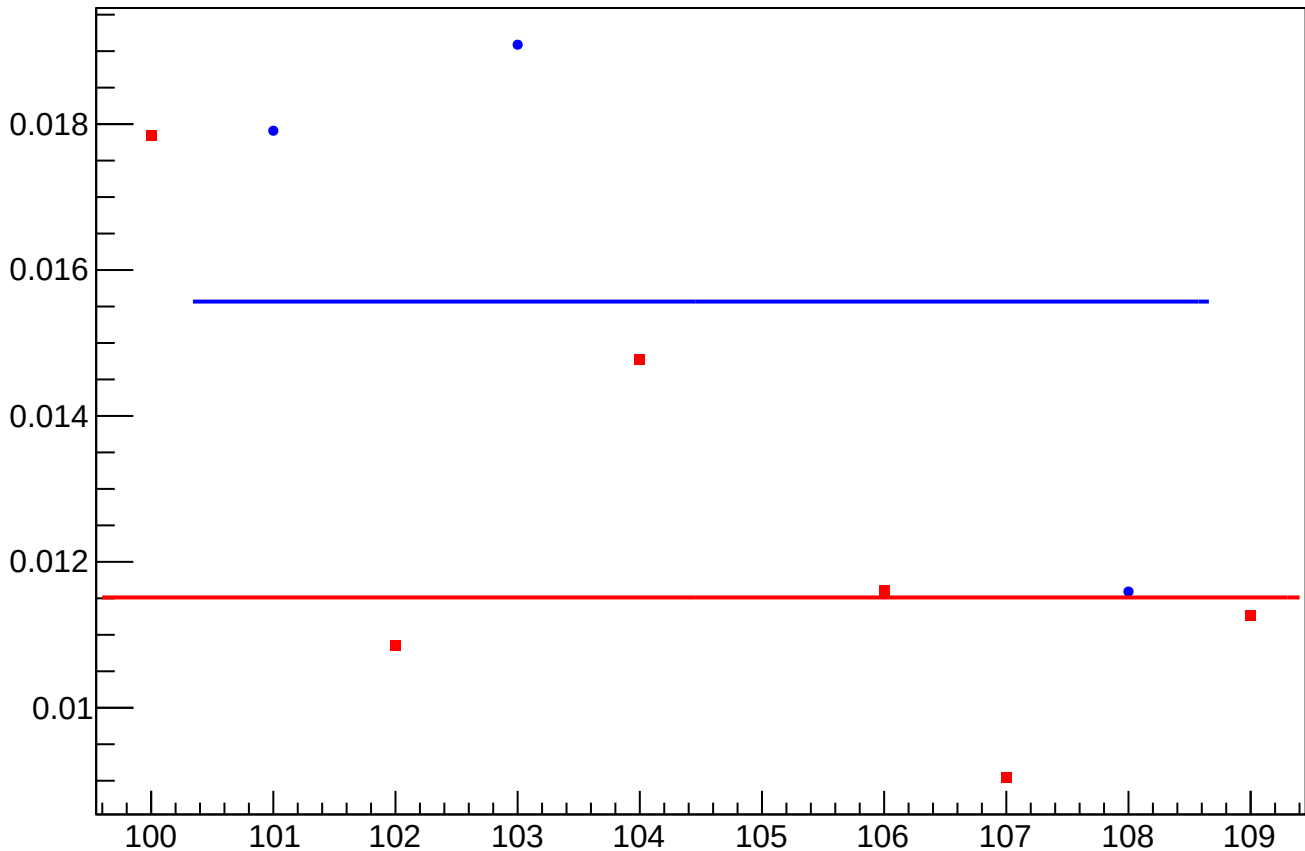
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.057 $\pm$ 0.000 χ^2 /NDF: 80783.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atl1_mean vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 3237146815.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1135912136.9/5

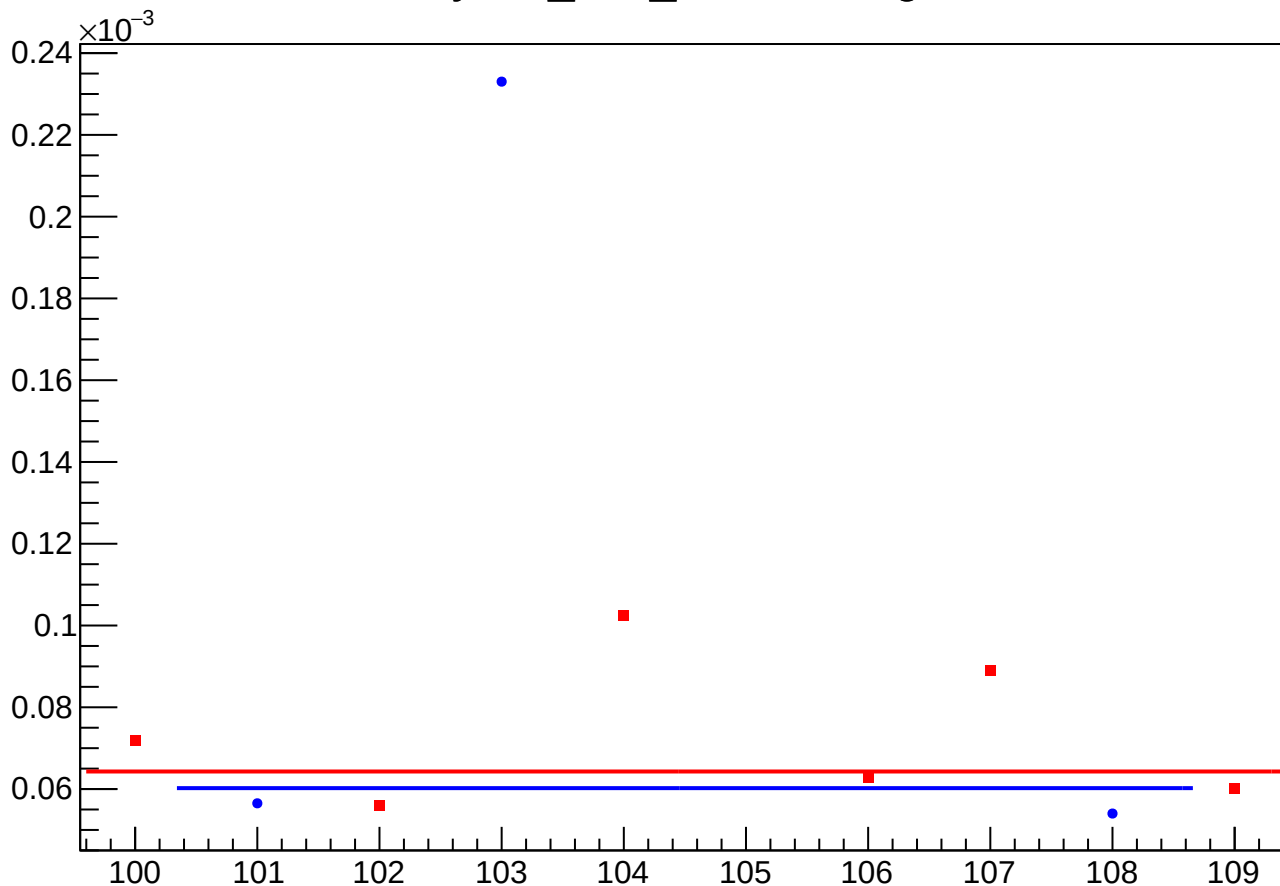
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 7533313286.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 549319.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 153517.5/5

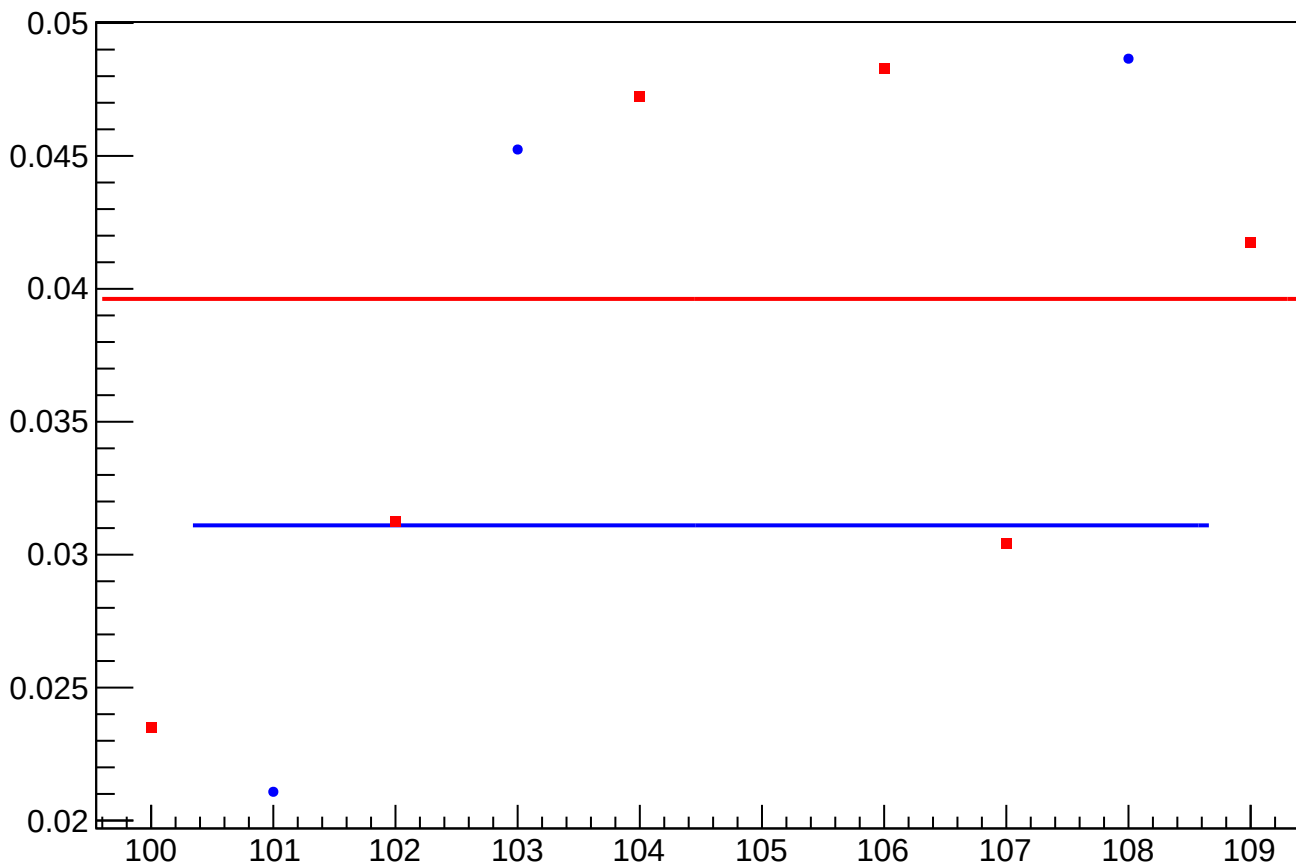
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 709201.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atl2_mean vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 1327960134.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.000 χ^2/NDF : 563798373.4/5

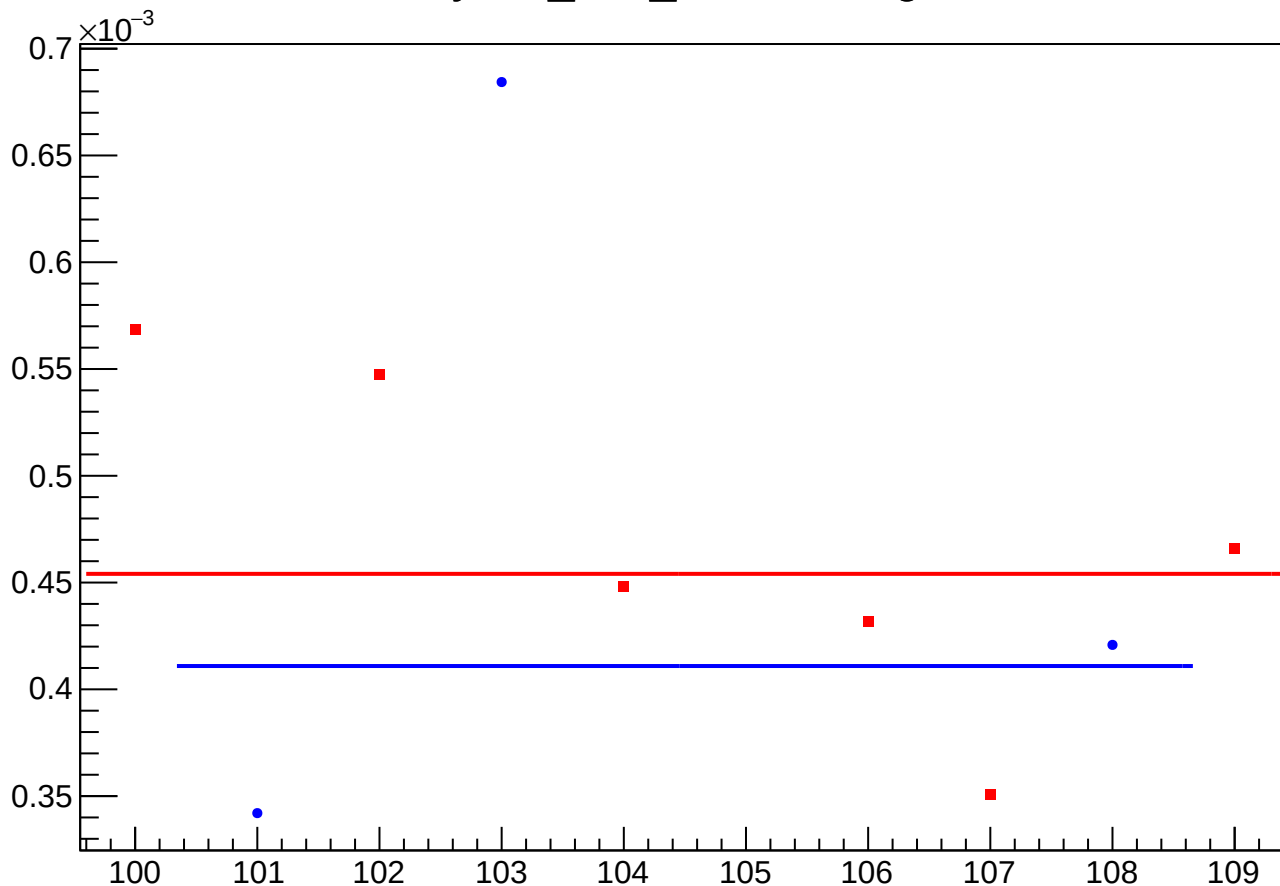
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.036+/-0.000 χ^2/NDF : 2207714013.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 226548.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 73897.2/5

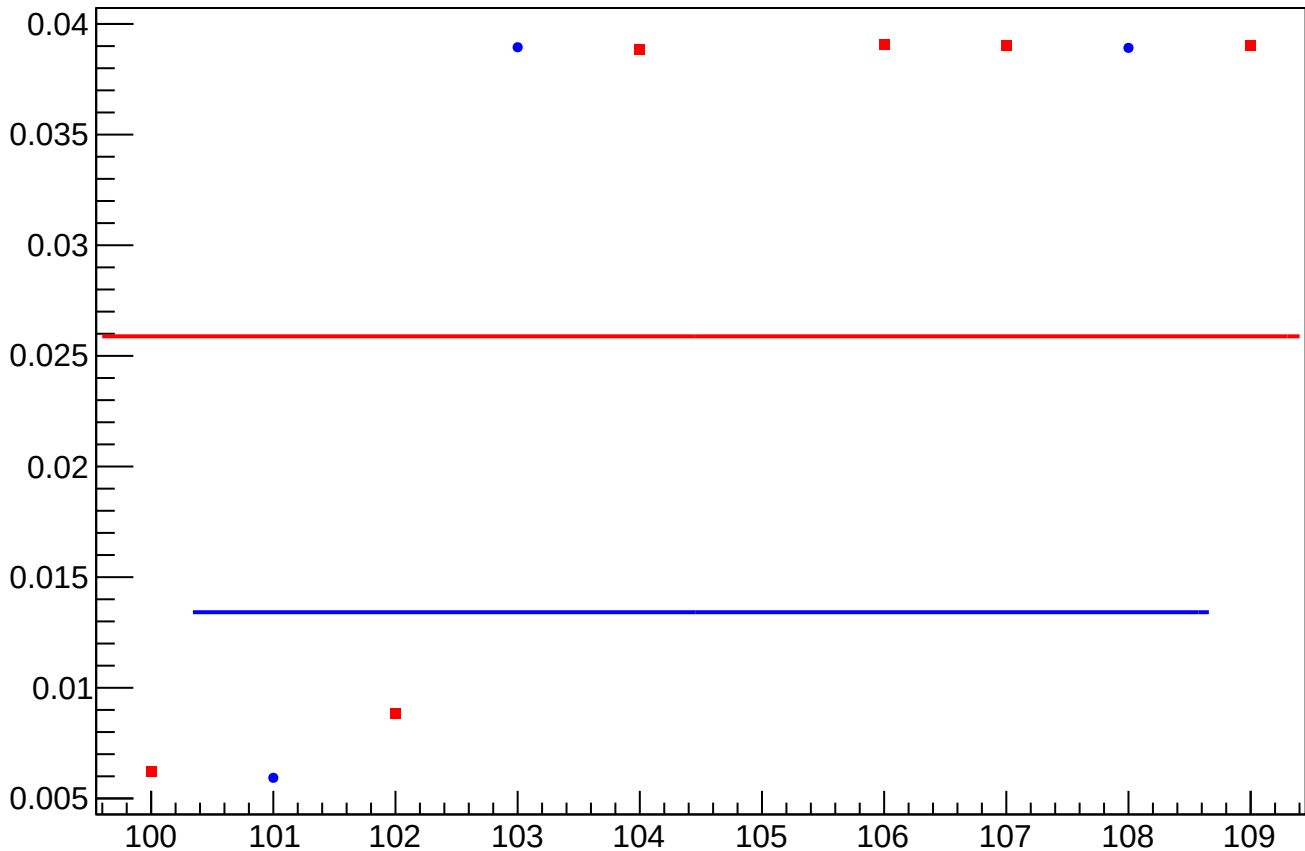
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 316669.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_mean vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 33772098712.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.026+/-0.000 χ^2/NDF : 31409731006.2/5

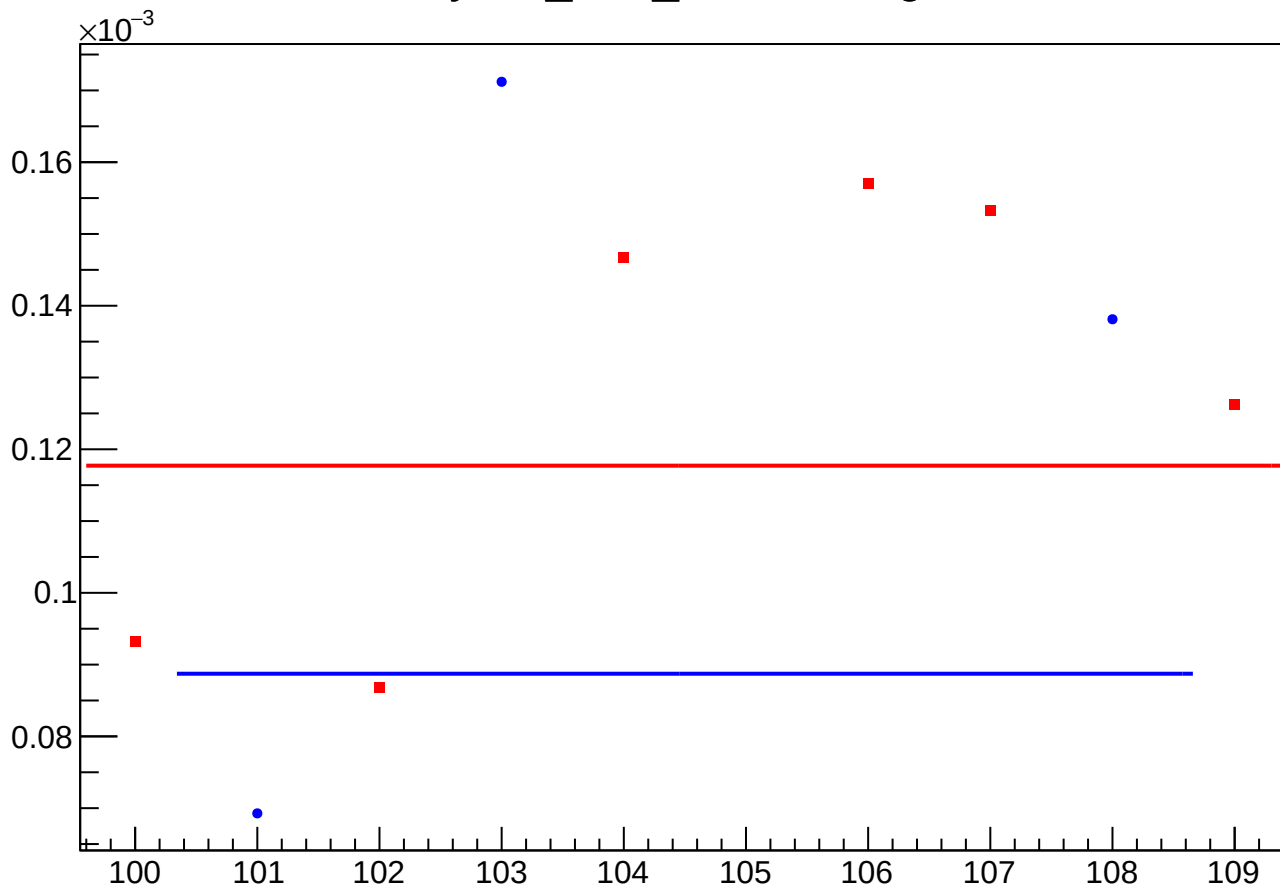
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 77221806216.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 478584.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 212593.3/5

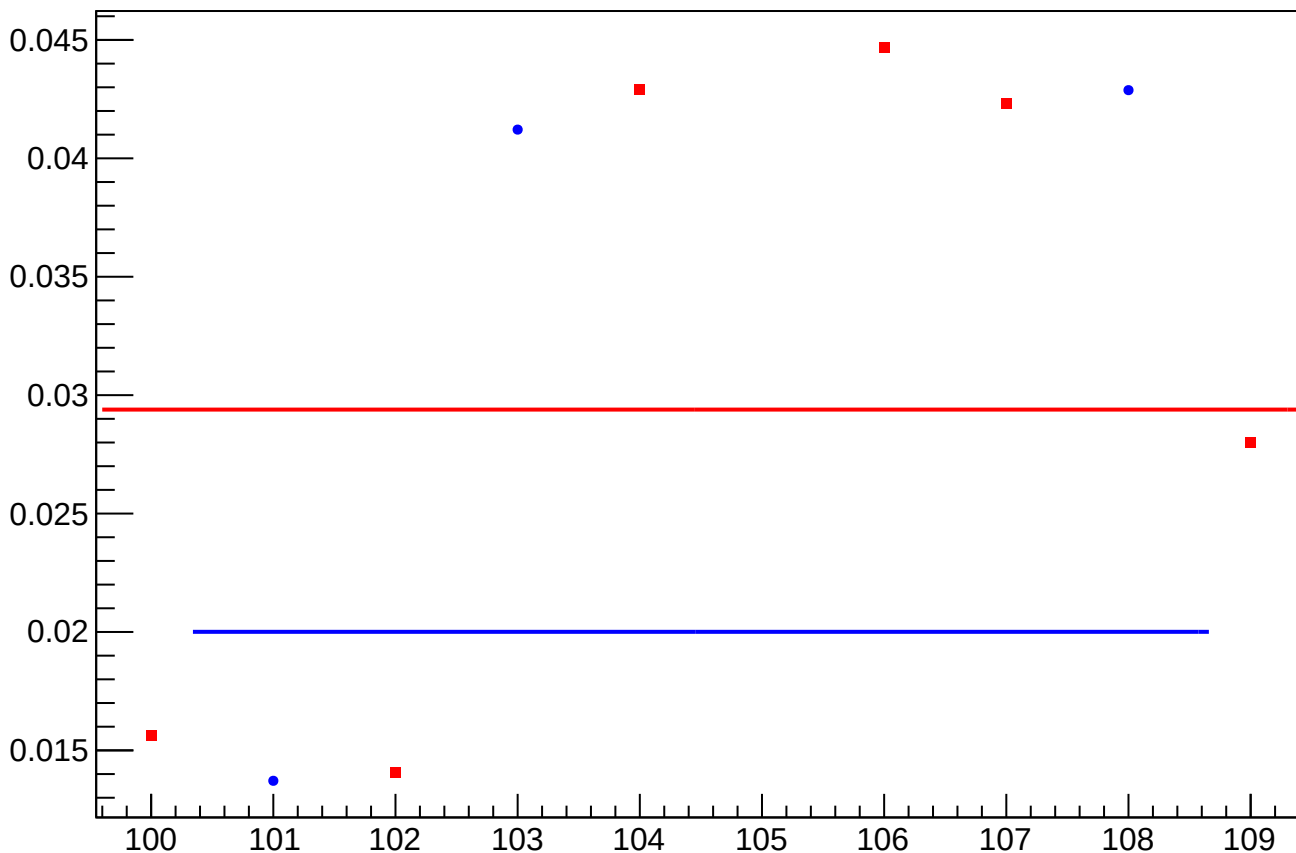
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 821325.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_mean vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 3008289270.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.029+/-0.000 χ^2/NDF : 2804361445.4/5

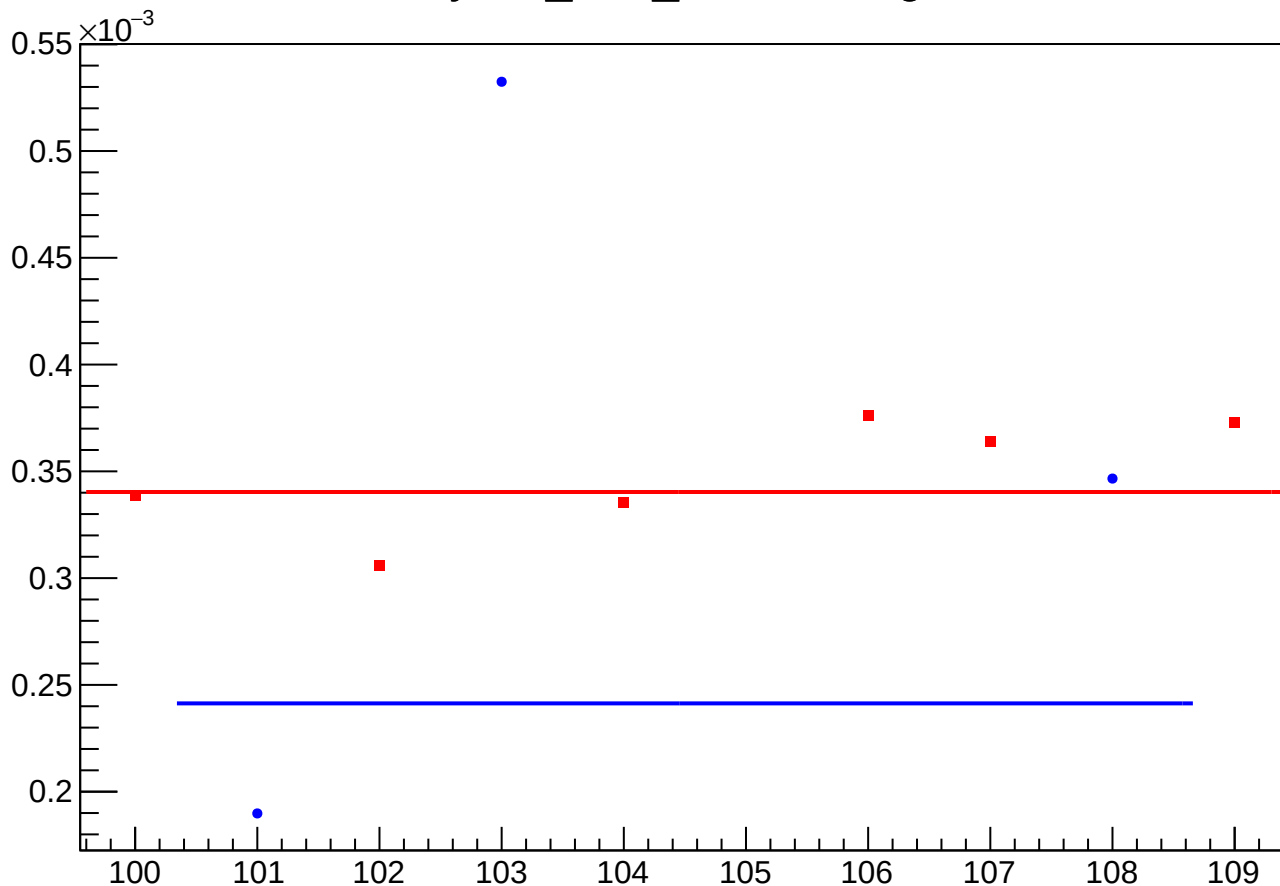
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 6641788311.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 482866.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 27072.9/5

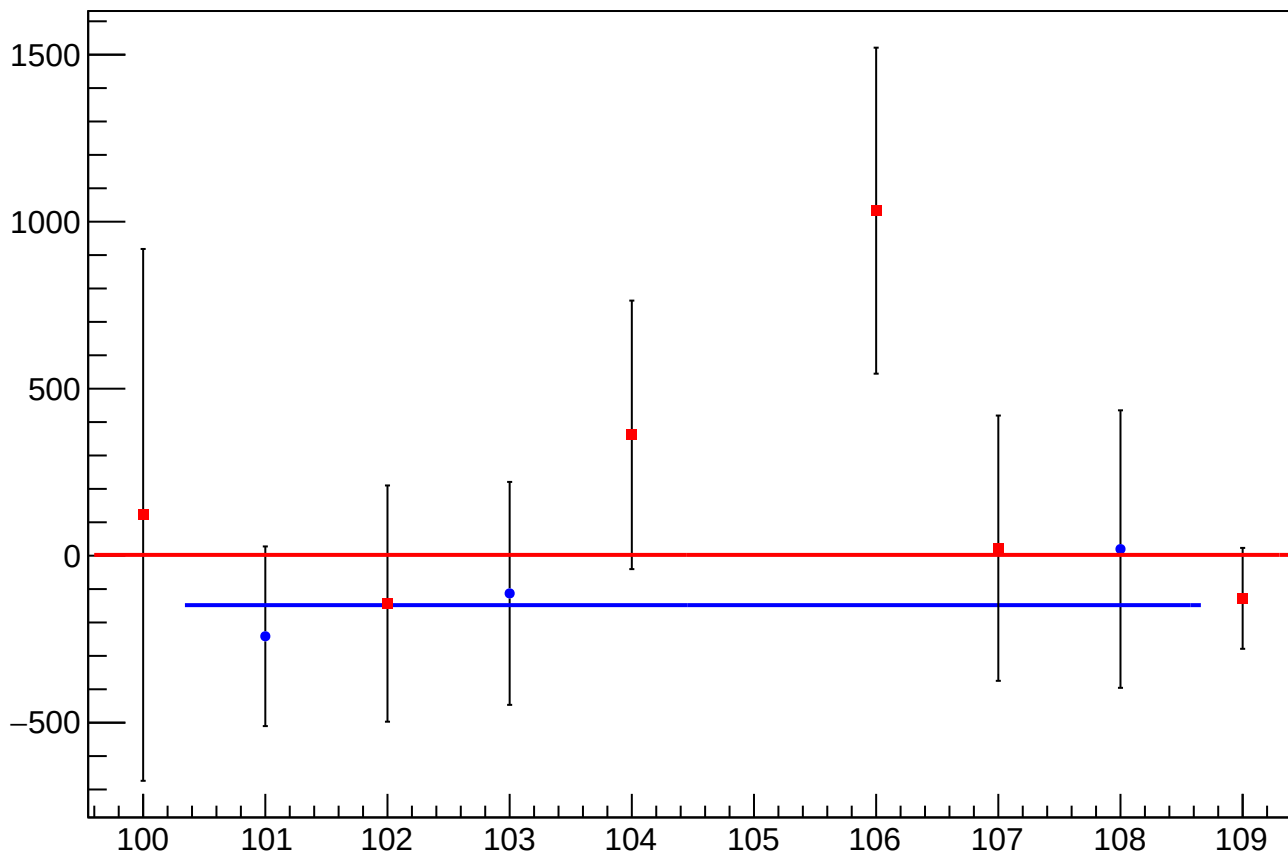
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 694439.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -148.068+/-187.003 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.353+/-119.420 χ^2/NDF : 6.2/5

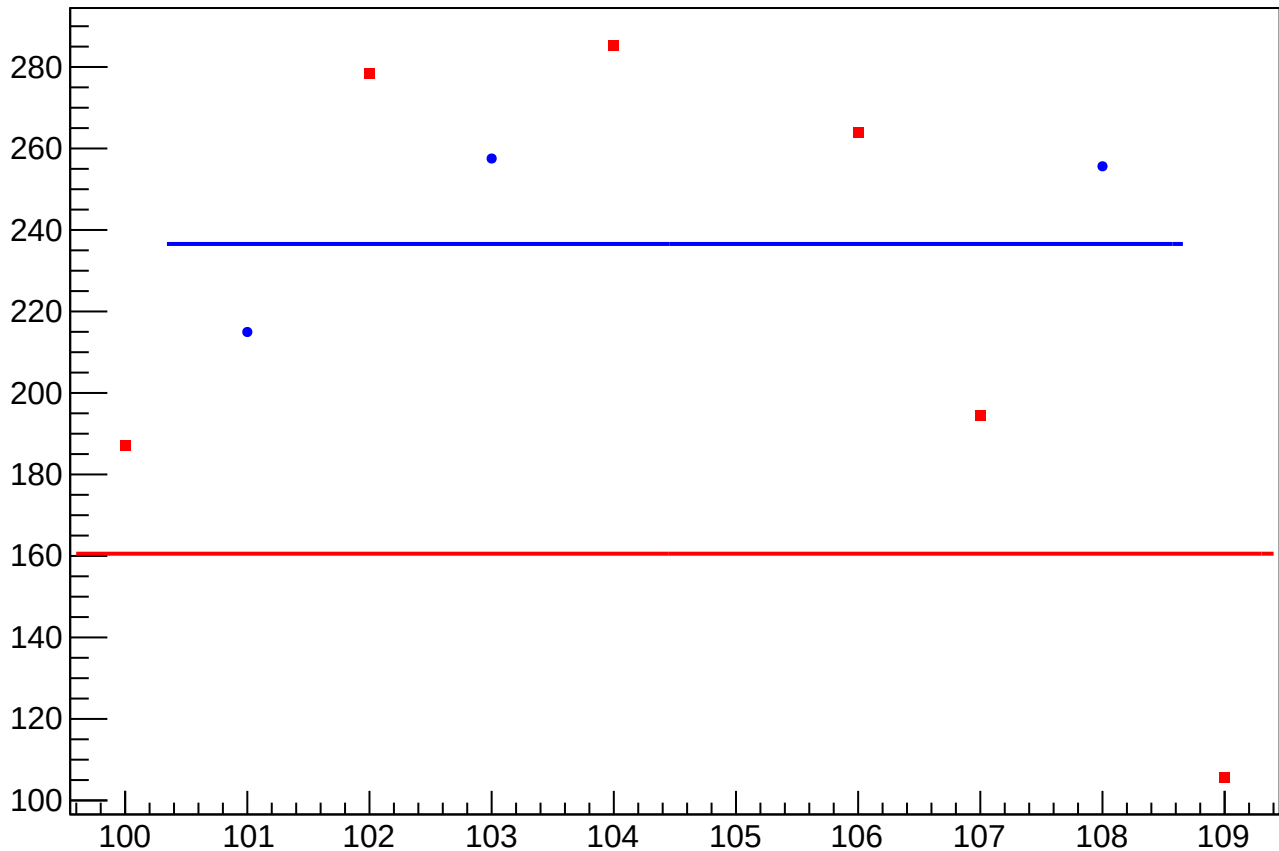
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.221+/-100.648 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 236.568 $\pm$ 0.132 χ^2 /NDF: 25012.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.550 $\pm$ 0.084 χ^2 /NDF: 785427.4/5

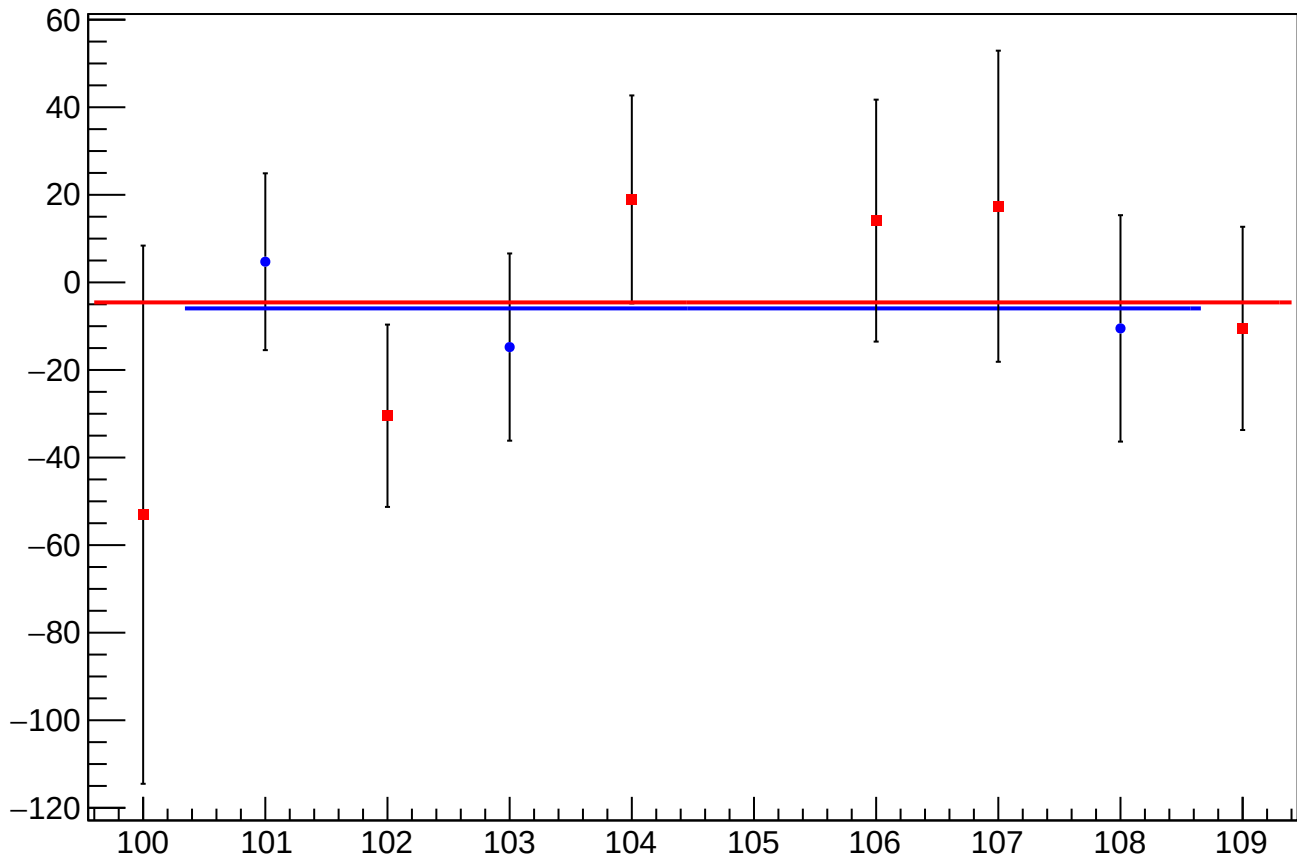
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.571 $\pm$ 0.071 χ^2 /NDF: 1045200.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -5.940 $\pm$ 12.766 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.570 $\pm$ 10.974 χ^2 /NDF: 4.1/5

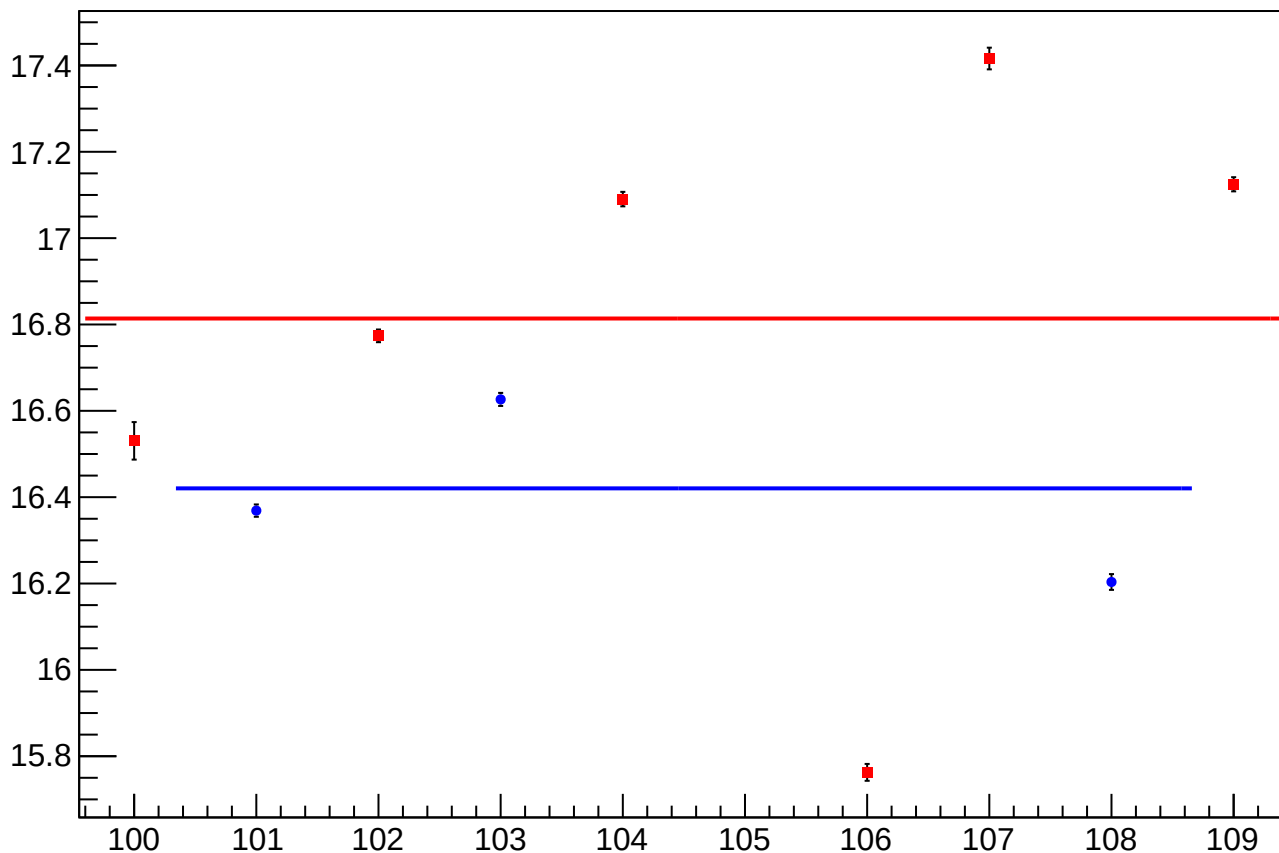
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.152 $\pm$ 8.322 χ^2 /NDF: 4.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.420 $\pm$ 0.009 χ^2 /NDF: 339.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.814 $\pm$ 0.008 χ^2 /NDF: 4150.2/5

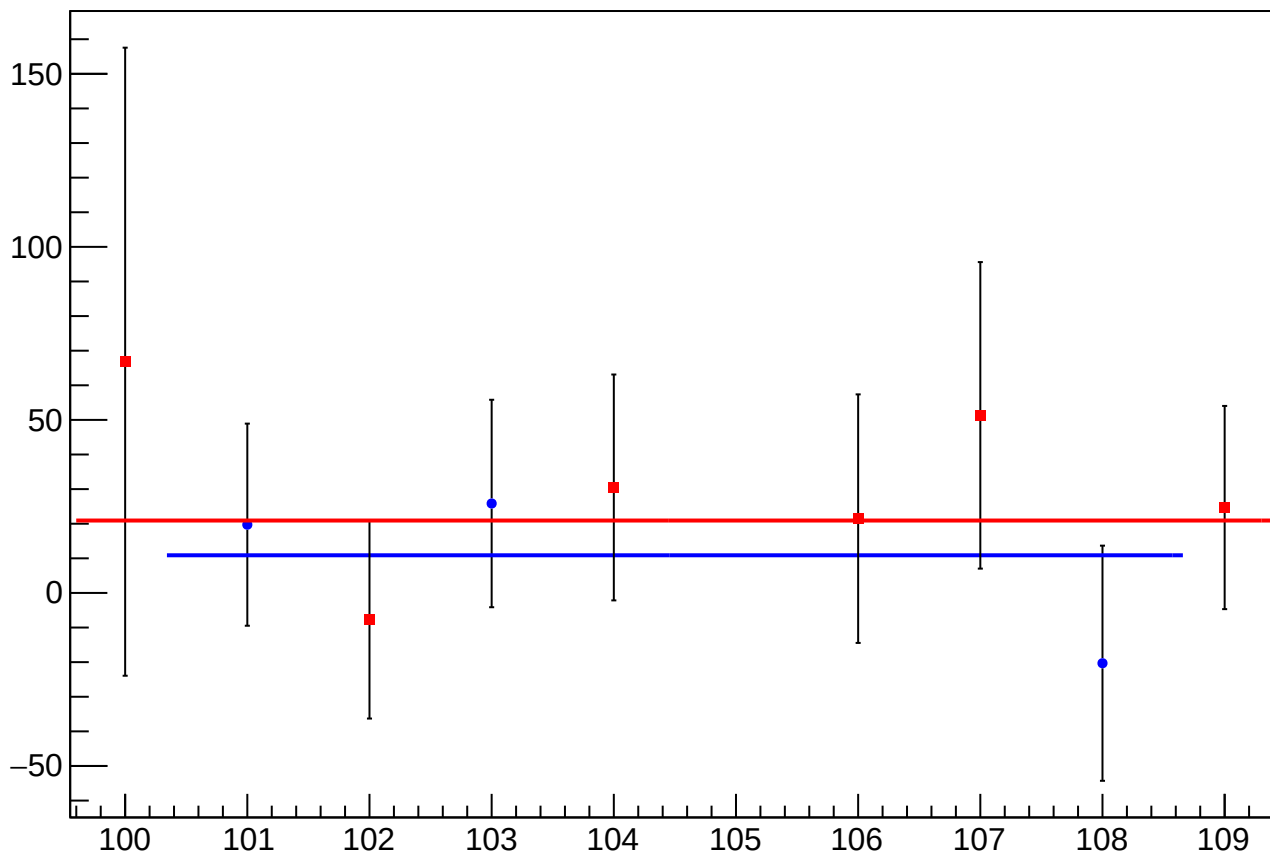
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.647 $\pm$ 0.006 χ^2 /NDF: 5582.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: 10.881+/-17.812 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.923+/-14.549 χ^2/NDF : 1.8/5

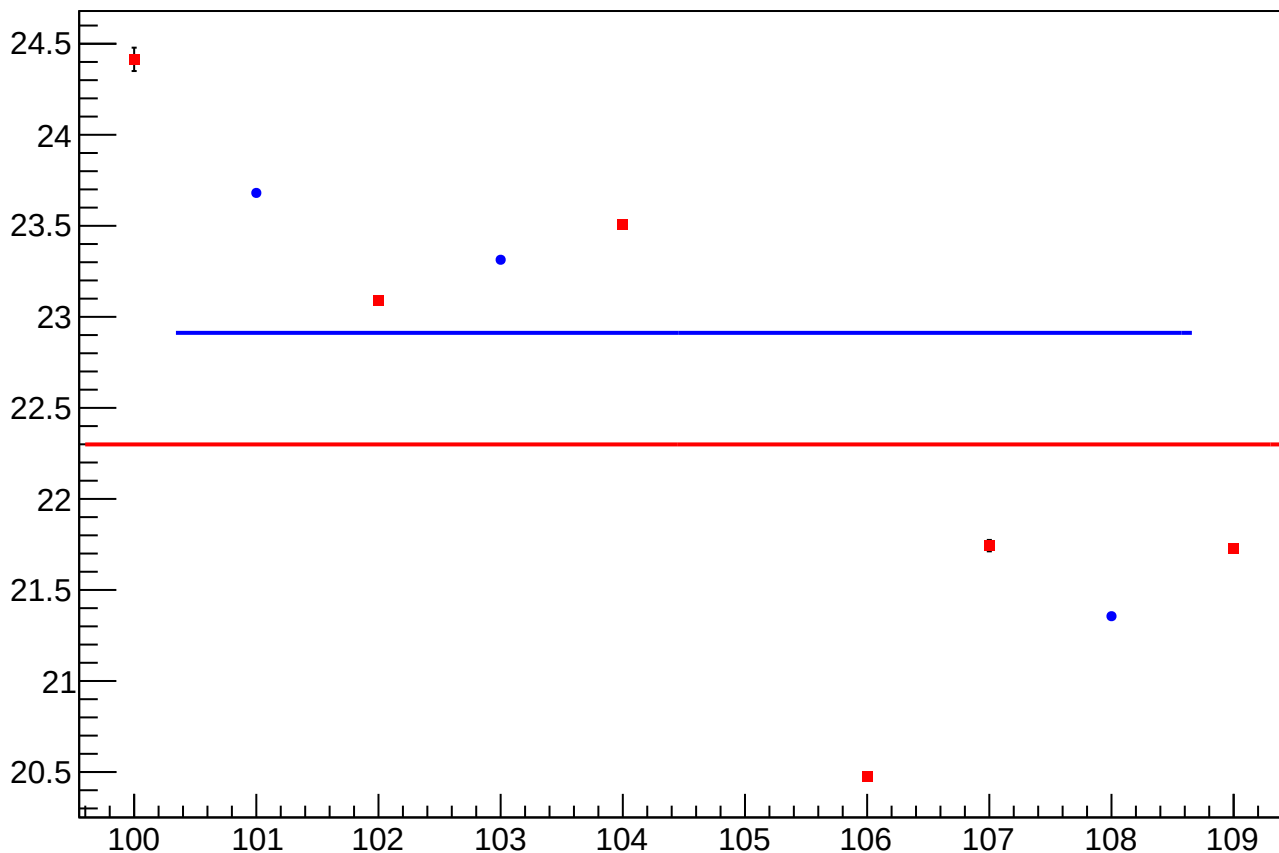
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.904+/-11.268 χ^2/NDF : 3.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.912 $\pm$ 0.013 χ^2 /NDF: 5940.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.299 $\pm$ 0.010 χ^2 /NDF: 11583.9/5

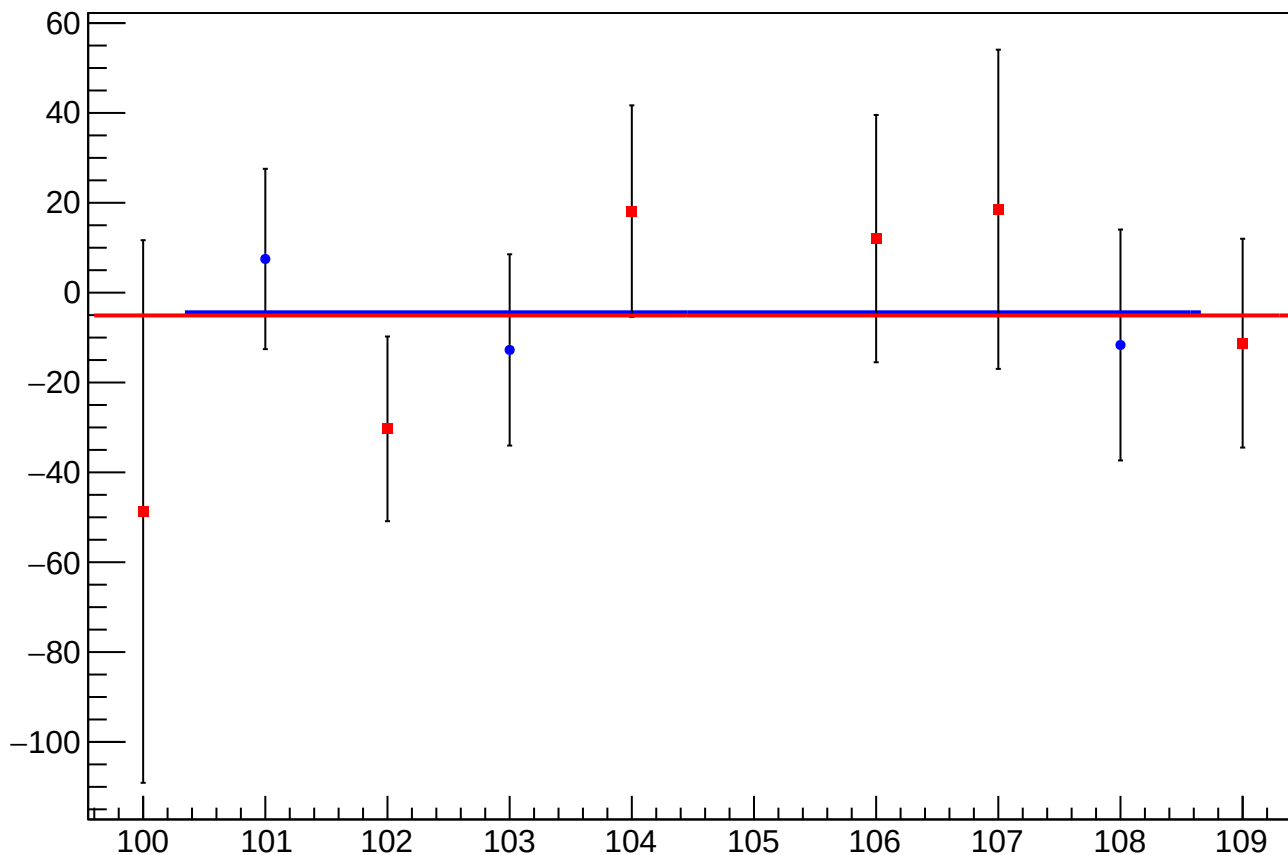
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.545 $\pm$ 0.008 χ^2 /NDF: 18944.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -4.379+/-12.695 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.072+/-10.906 χ^2/NDF : 3.9/5

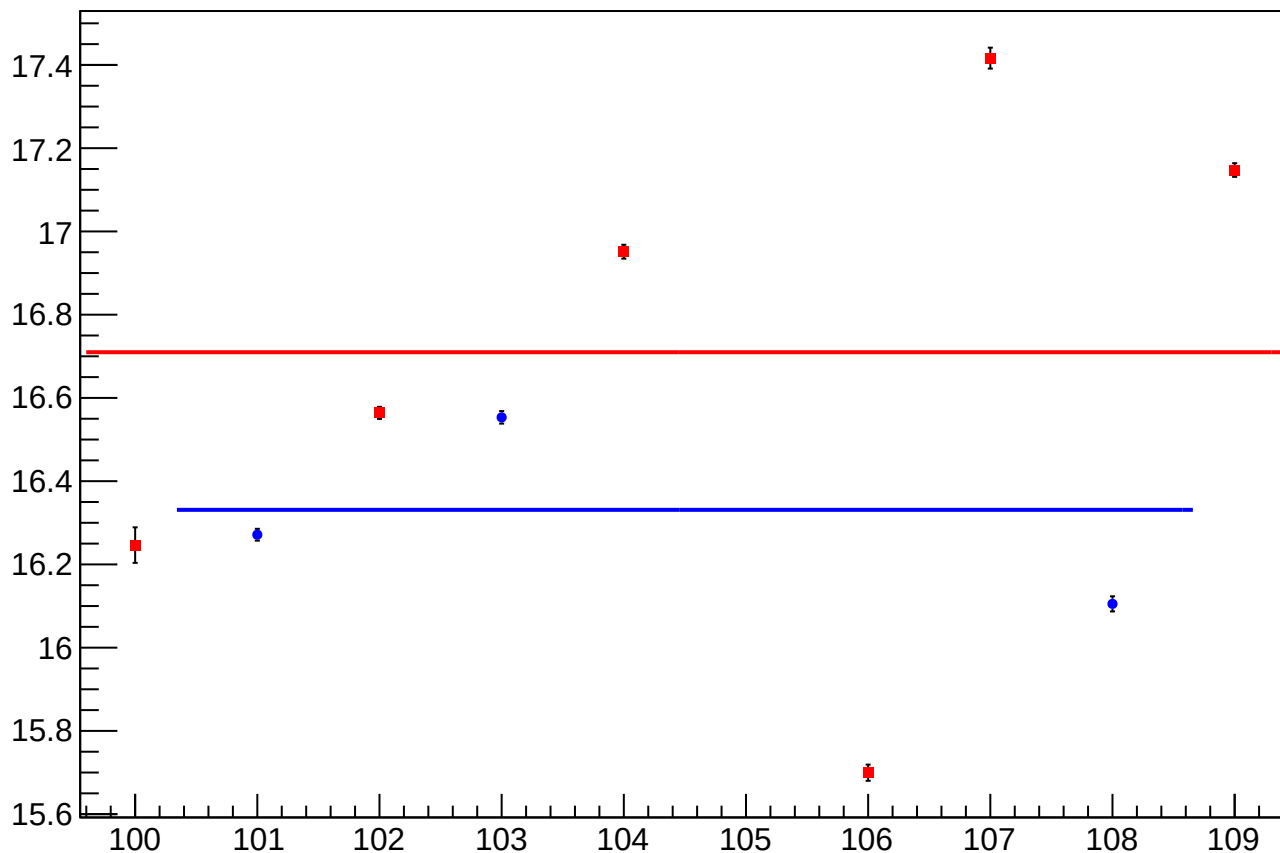
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.778+/-8.273 χ^2/NDF : 4.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.331 $\pm$ 0.009 χ^2 /NDF: 390.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.710 $\pm$ 0.008 χ^2 /NDF: 4623.7/5

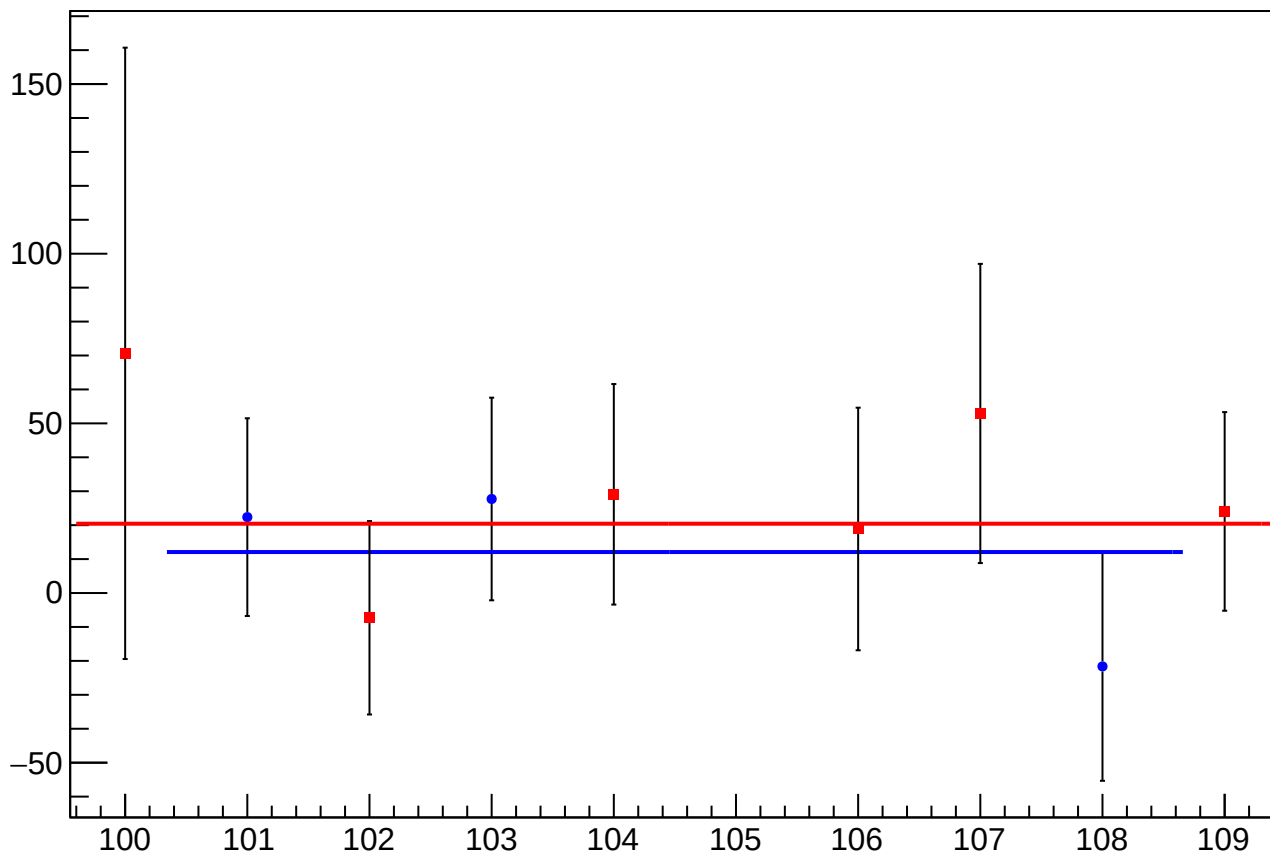
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.549 $\pm$ 0.006 χ^2 /NDF: 6038.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: 12.078 $\pm$ 17.735 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.424 $\pm$ 14.486 χ^2 /NDF: 1.9/5

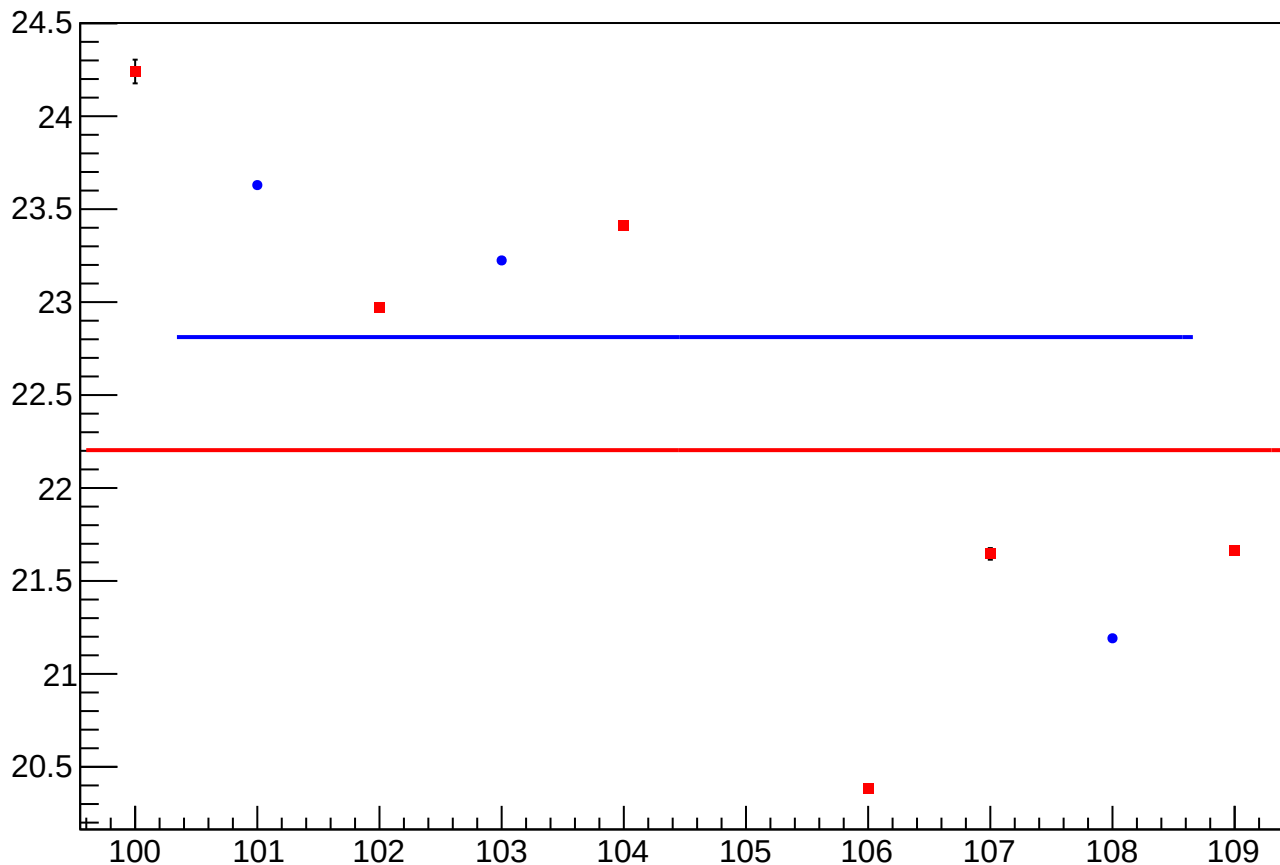
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.084 $\pm$ 11.219 χ^2 /NDF: 3.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 22.812 ± 0.013 $\chi^2/\text{NDF}: 6575.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 22.204 ± 0.010 $\chi^2/\text{NDF}: 11423.3/5$

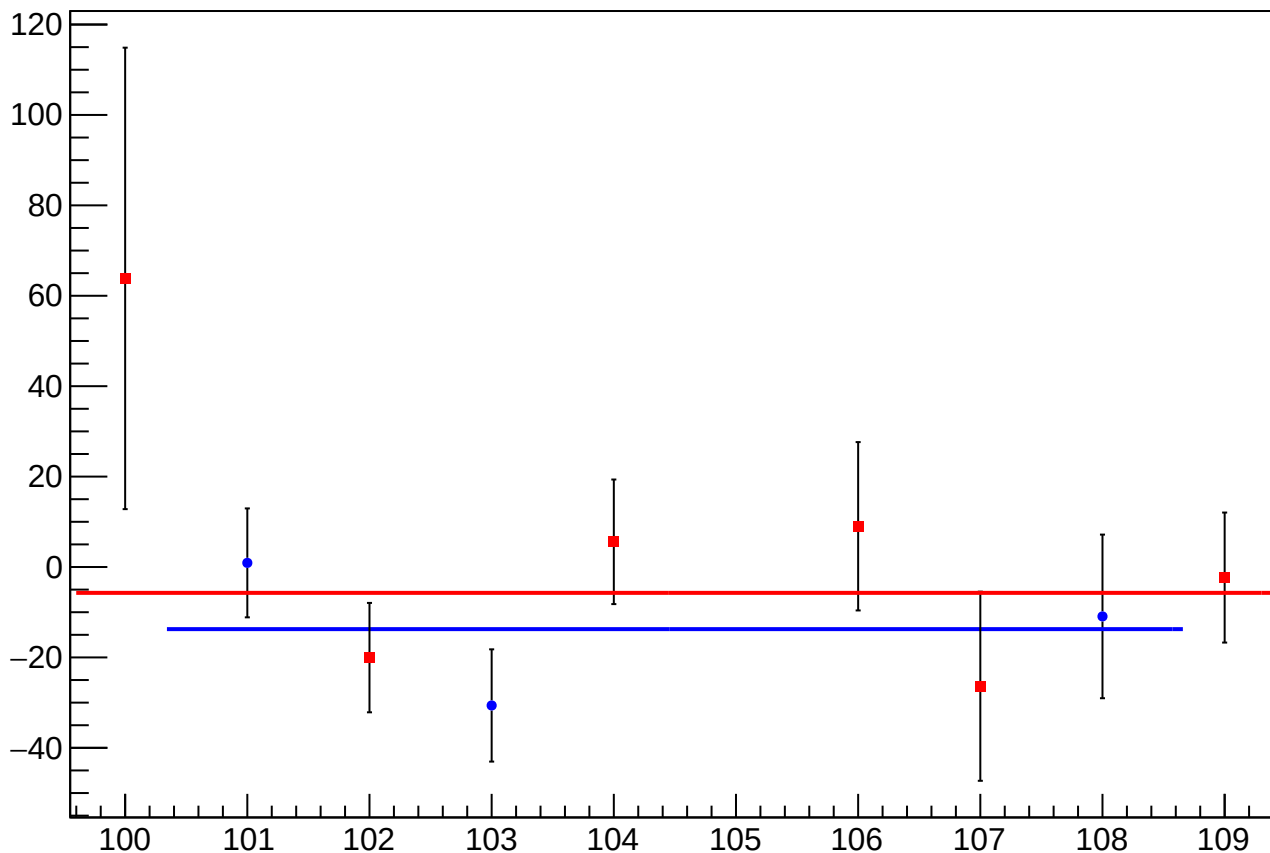
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 22.447 ± 0.008 $\chi^2/\text{NDF}: 19410.1/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -13.741 $\pm$ 7.802 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.718 $\pm$ 6.669 χ^2 /NDF: 5.6/5

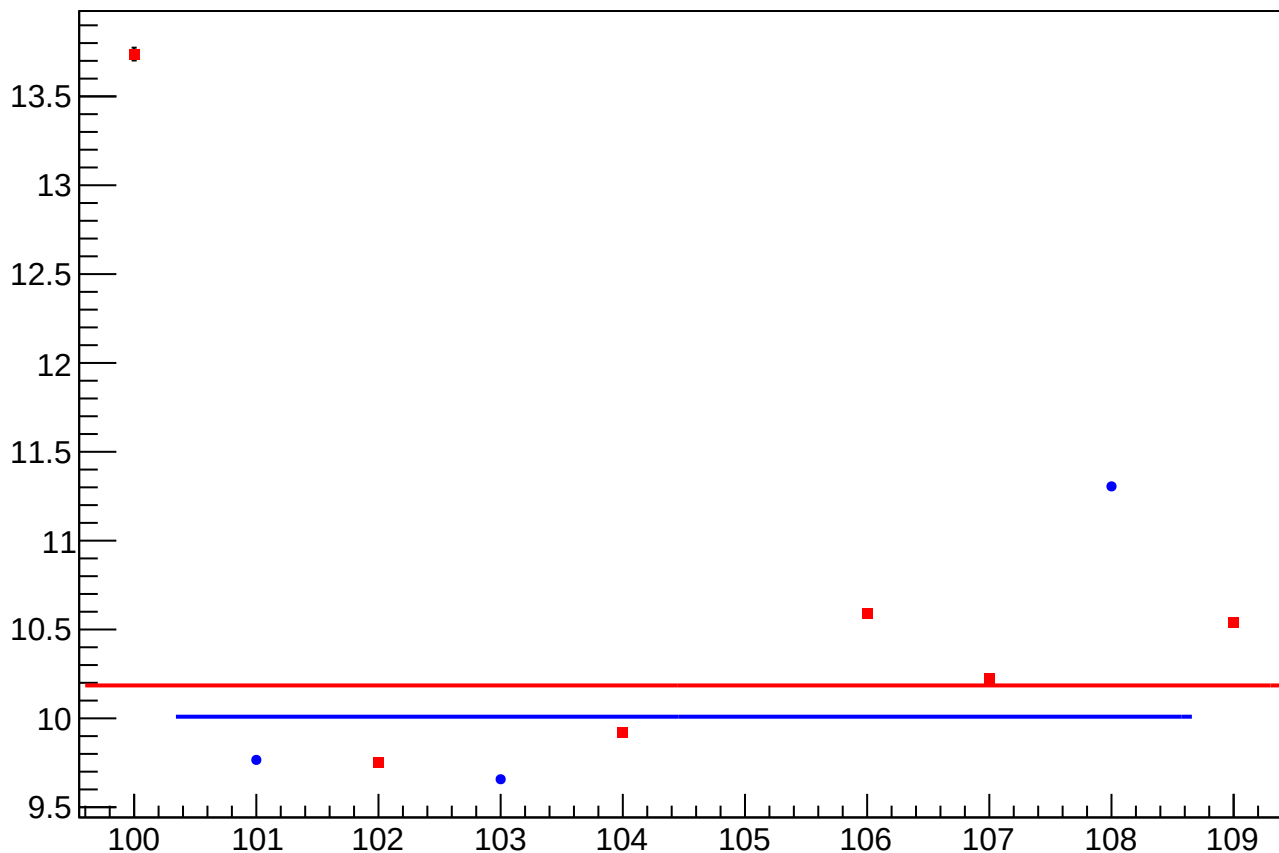
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.105 $\pm$ 5.069 χ^2 /NDF: 9.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 10.009 $\pm$ 0.006 χ^2 /NDF: 12678.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.185 $\pm$ 0.005 χ^2 /NDF: 15166.4/5

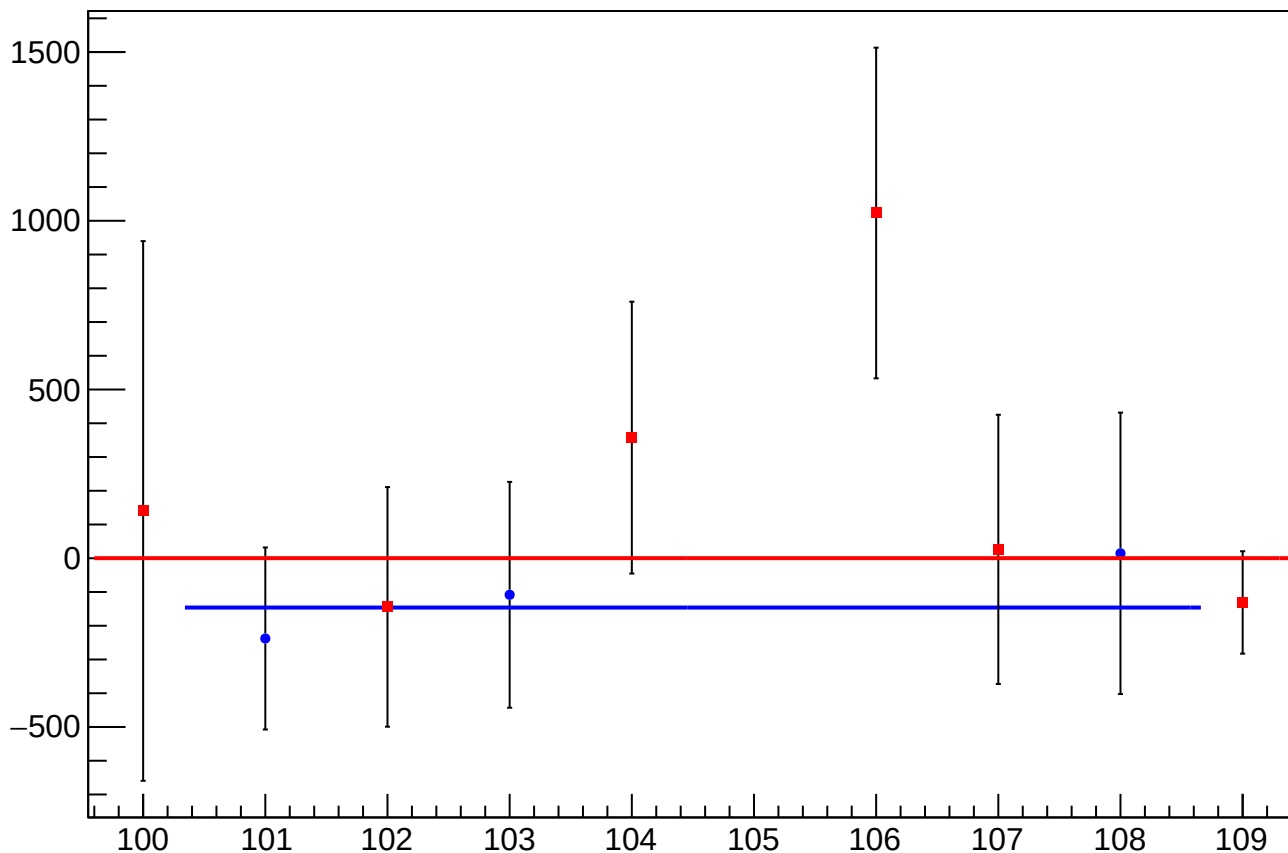
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.111 $\pm$ 0.004 χ^2 /NDF: 28432.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: -146.051+/-187.552 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.273+/-119.907 χ^2/NDF : 6.1/5

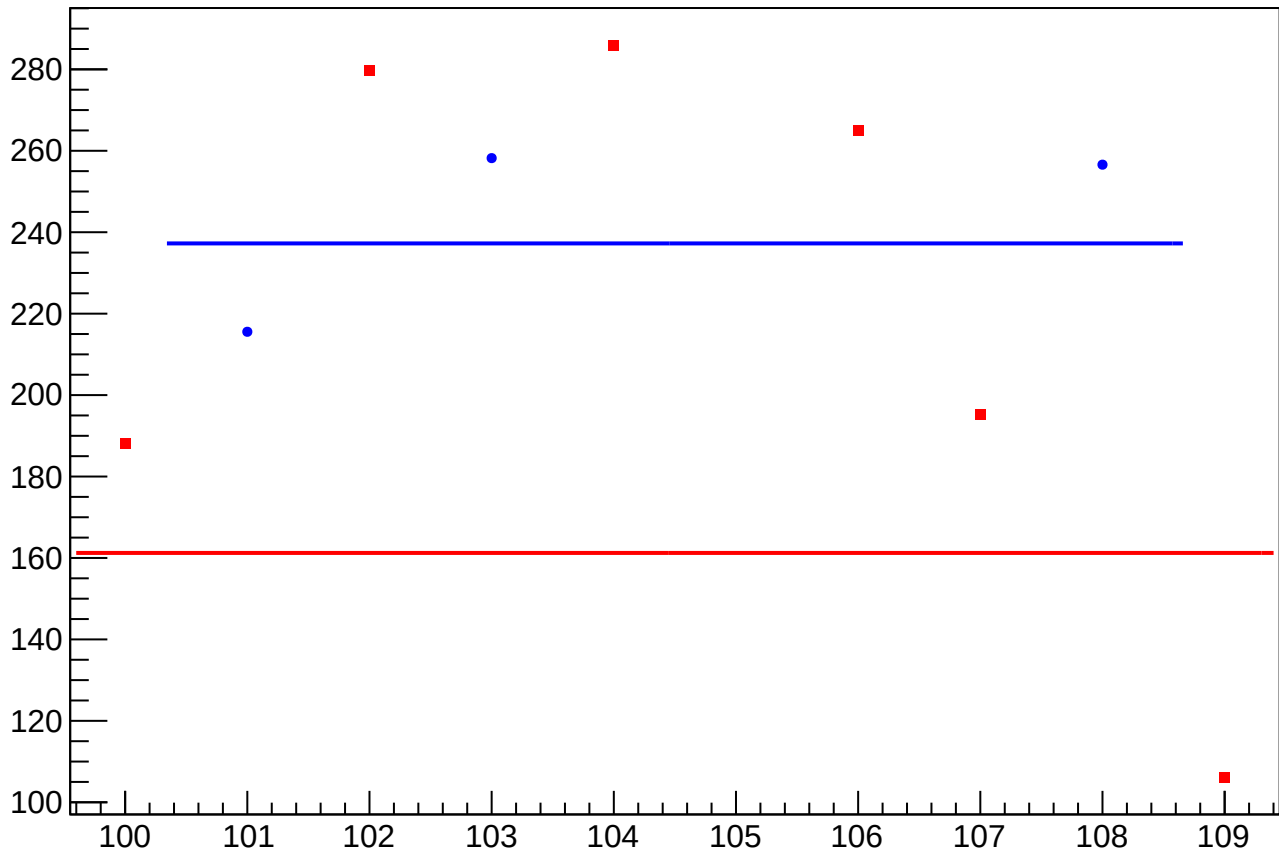
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.182+/-101.025 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 237.251 $\pm$ 0.133 χ^2 /NDF: 25086.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 161.237 $\pm$ 0.085 χ^2 /NDF: 783891.2/5

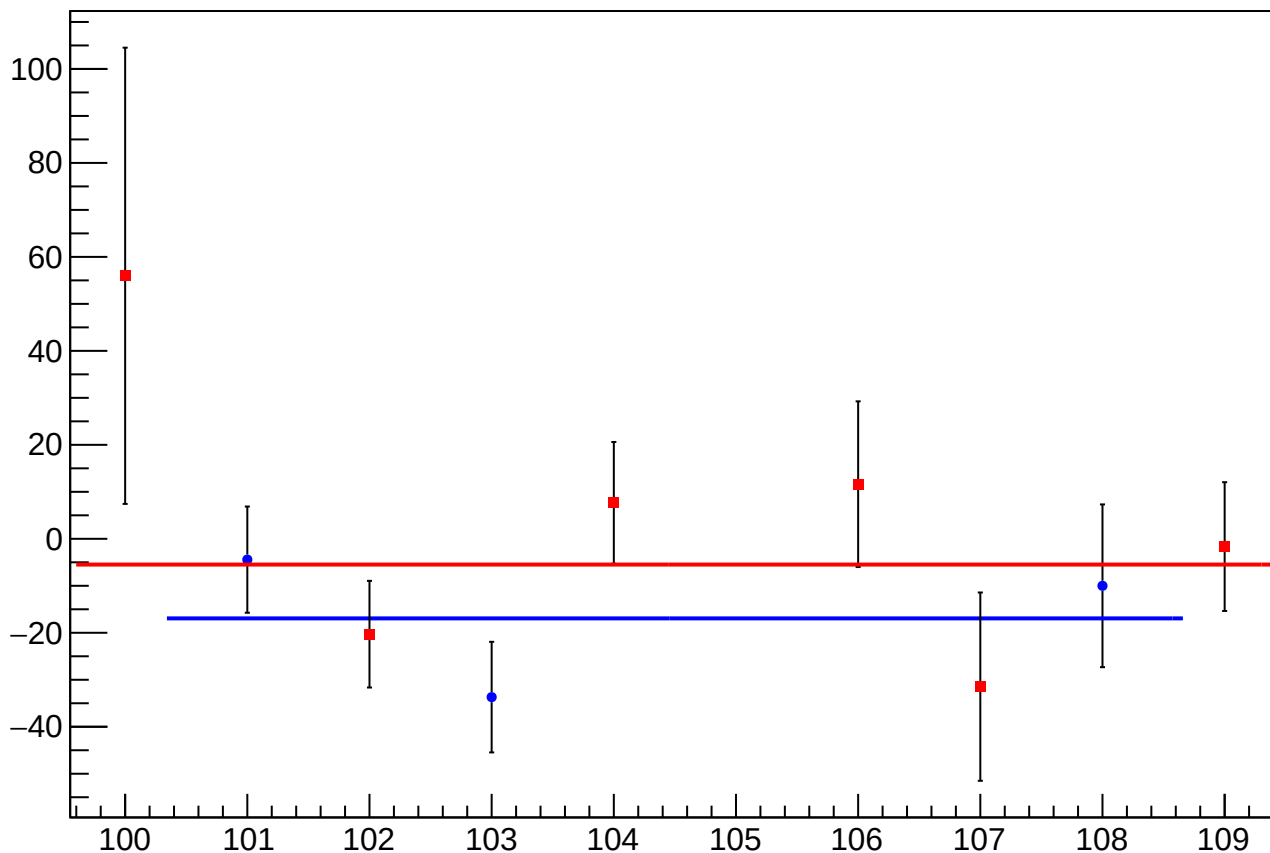
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.292 $\pm$ 0.071 χ^2 /NDF: 1042185.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -16.936 $\pm$ 7.376 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.482 $\pm$ 6.302 χ^2 /NDF: 7.0/5

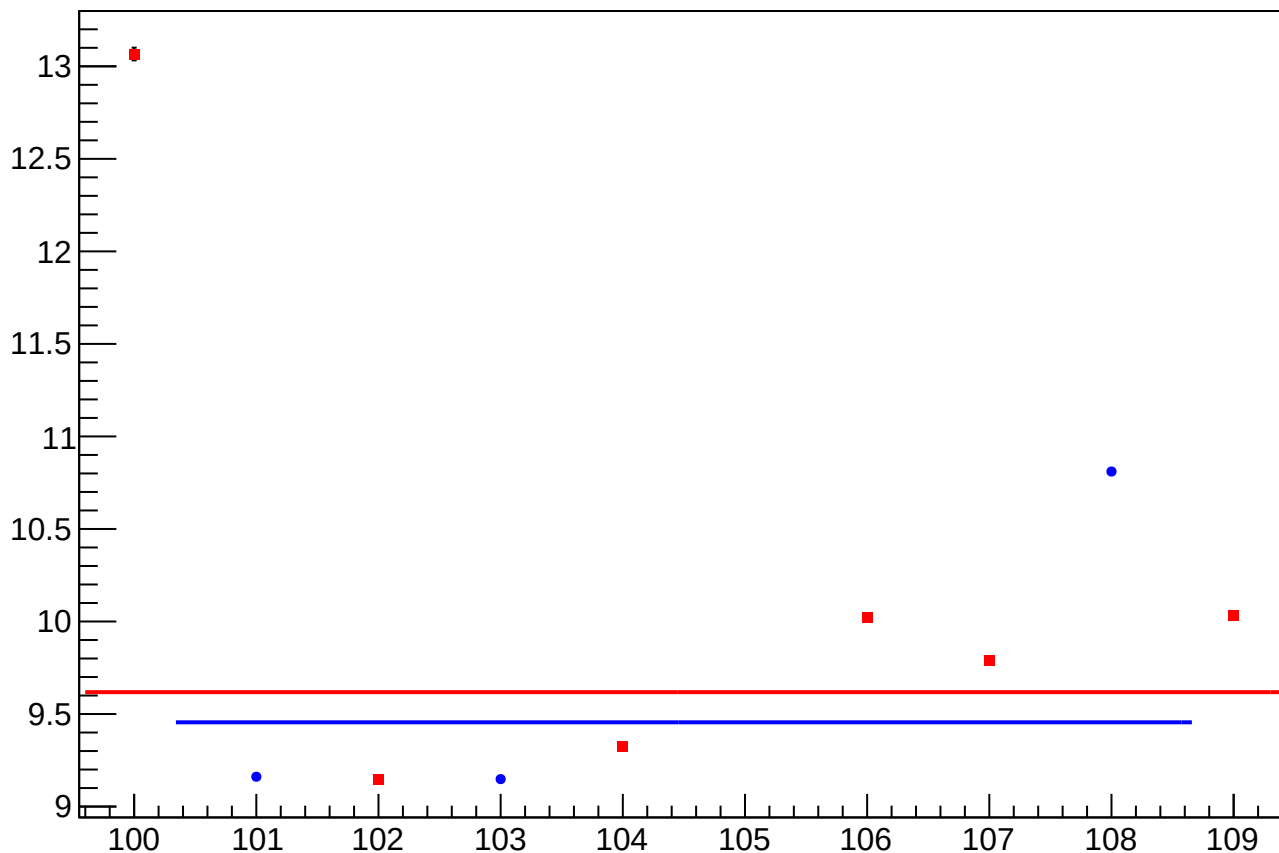
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.316 $\pm$ 4.791 χ^2 /NDF: 11.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 9.455 $\pm$ 0.005 χ^2 /NDF: 14957.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.618 $\pm$ 0.004 χ^2 /NDF: 17561.6/5

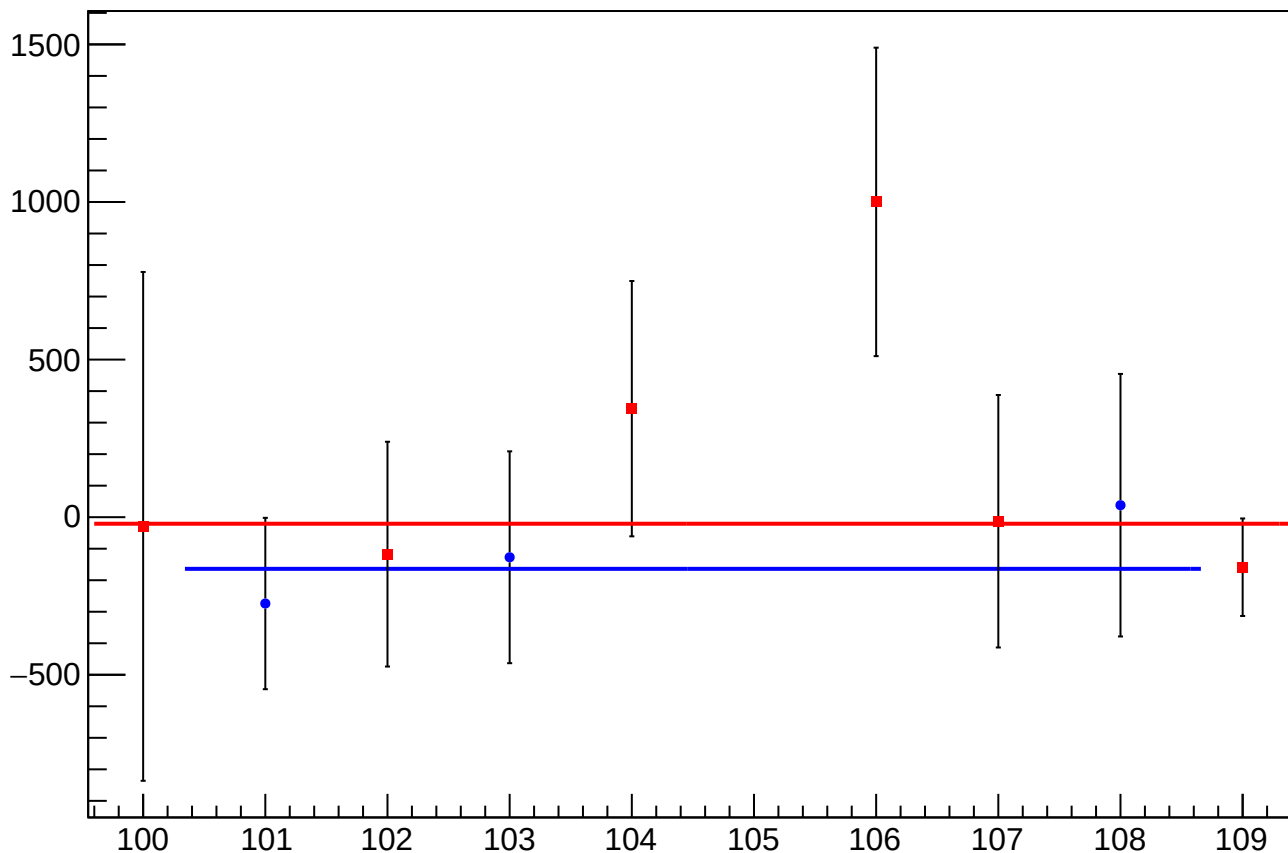
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.549 $\pm$ 0.003 χ^2 /NDF: 33083.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -163.892 $\pm$ 188.471 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.774 $\pm$ 121.537 χ^2 /NDF: 6.0/5

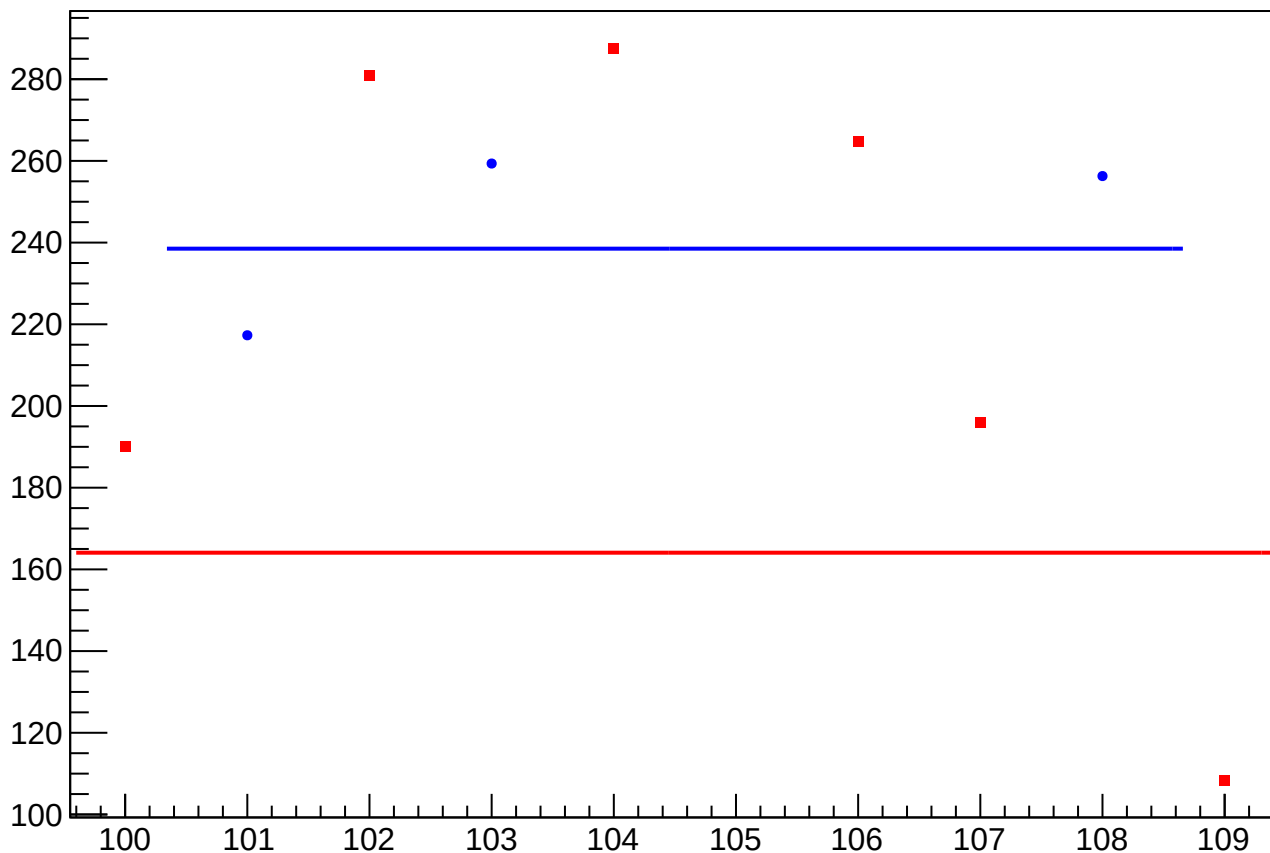
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.808 $\pm$ 102.141 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 238.514 $\pm$ 0.133 χ^2 /NDF: 23499.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.086 $\pm$ 0.086 χ^2 /NDF: 758977.1/5

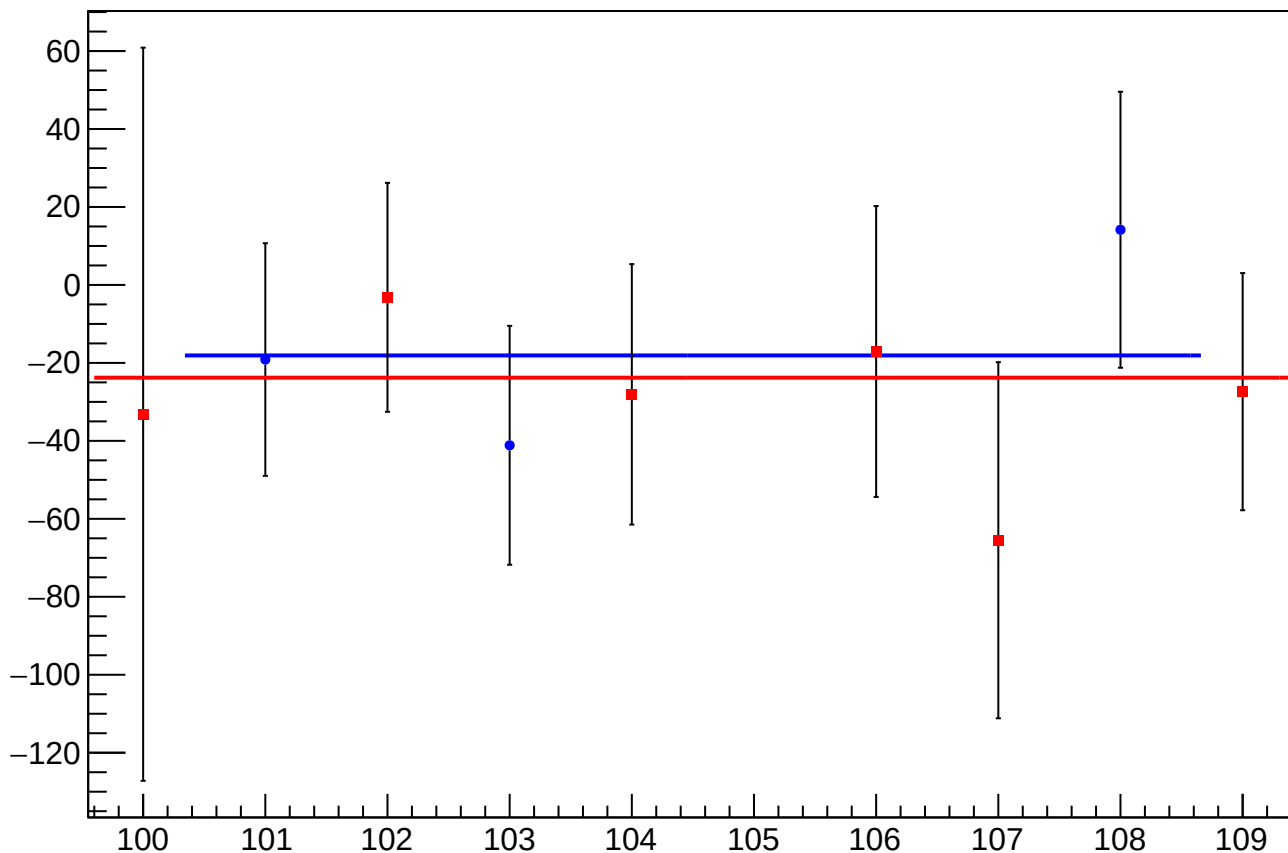
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.946 $\pm$ 0.072 χ^2 /NDF: 1002770.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -18.090 $\pm$ 18.299 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.798 $\pm$ 14.996 χ^2 /NDF: 1.4/5

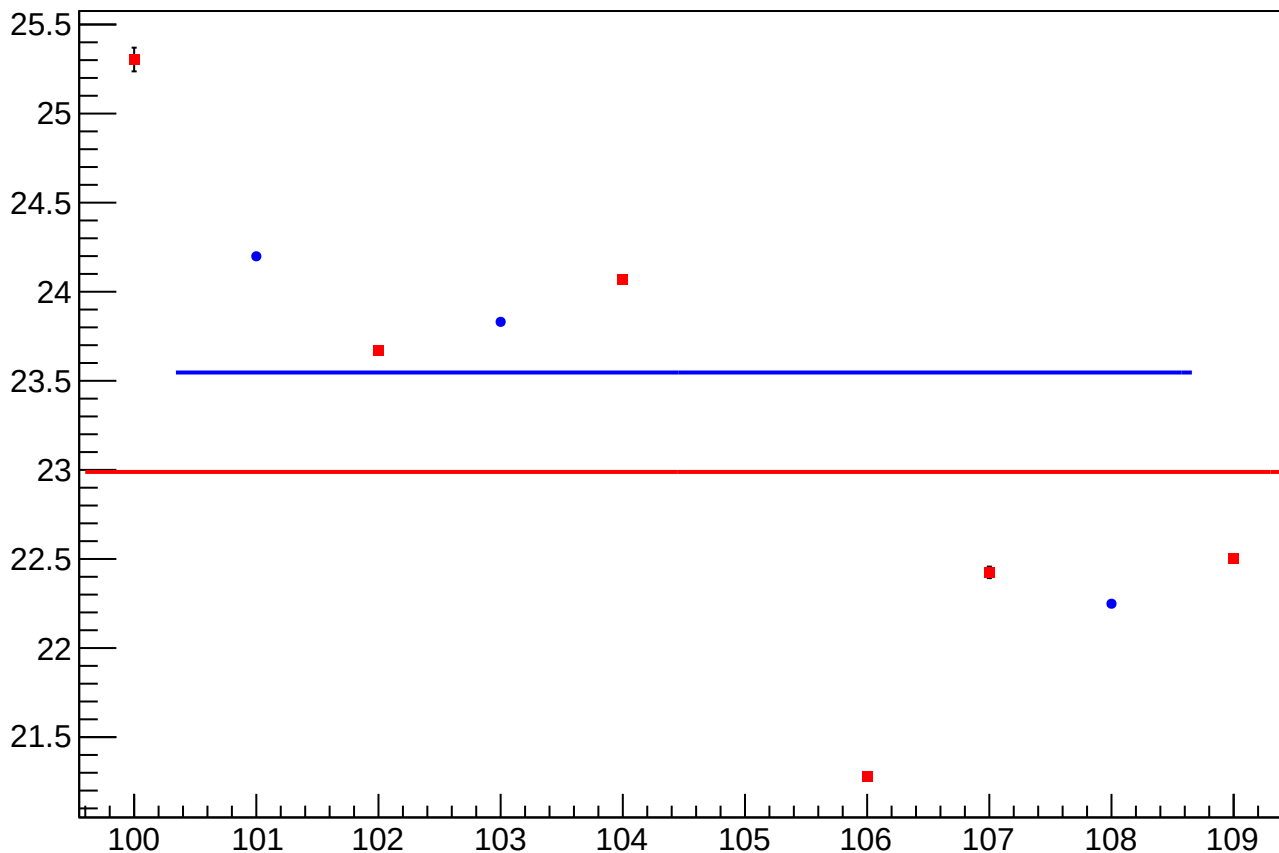
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.505 $\pm$ 11.599 χ^2 /NDF: 2.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 23.547 $\pm$ 0.013 χ^2 /NDF: 3816.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.989 $\pm$ 0.011 χ^2 /NDF: 9376.5/5

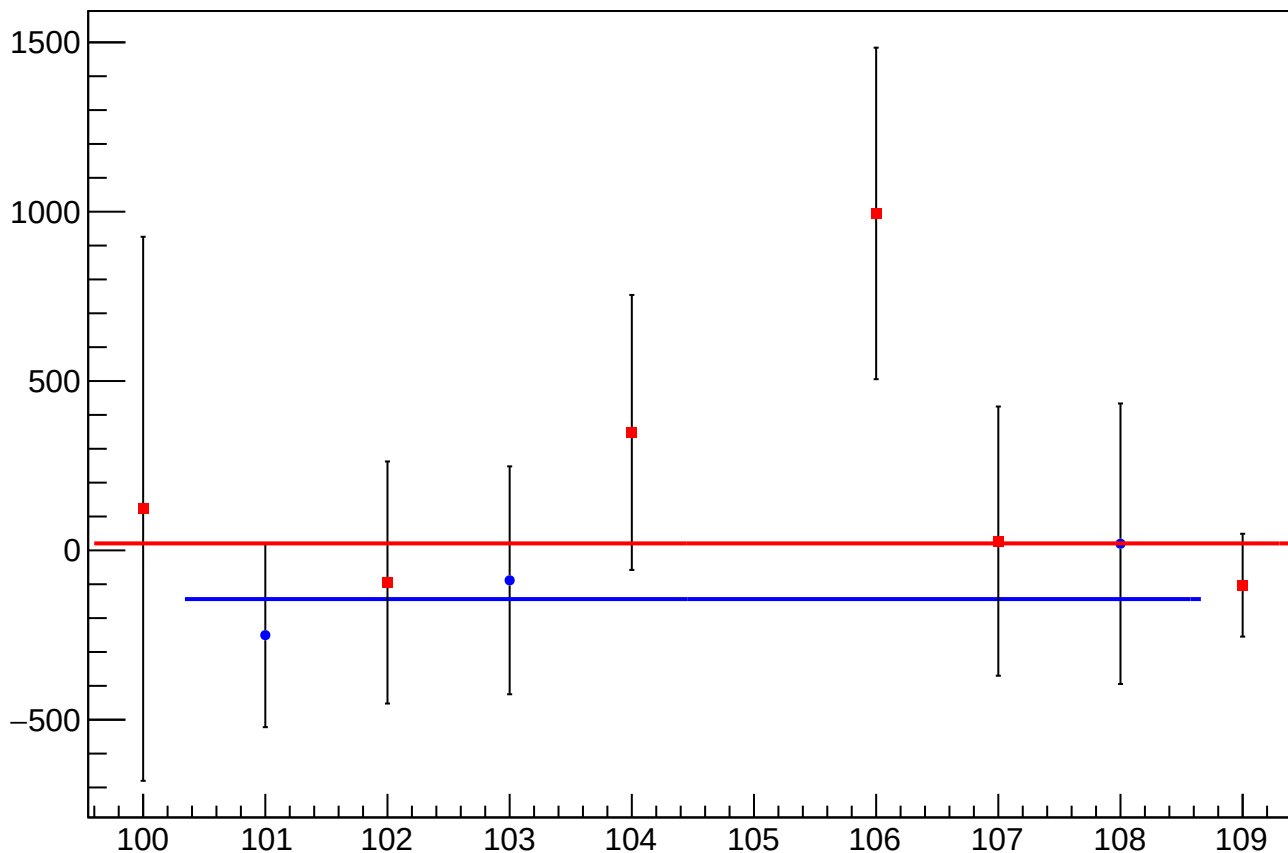
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.213 $\pm$ 0.008 χ^2 /NDF: 14305.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: -143.800+/-188.282 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.608+/-120.091 χ^2/NDF : 5.4/5

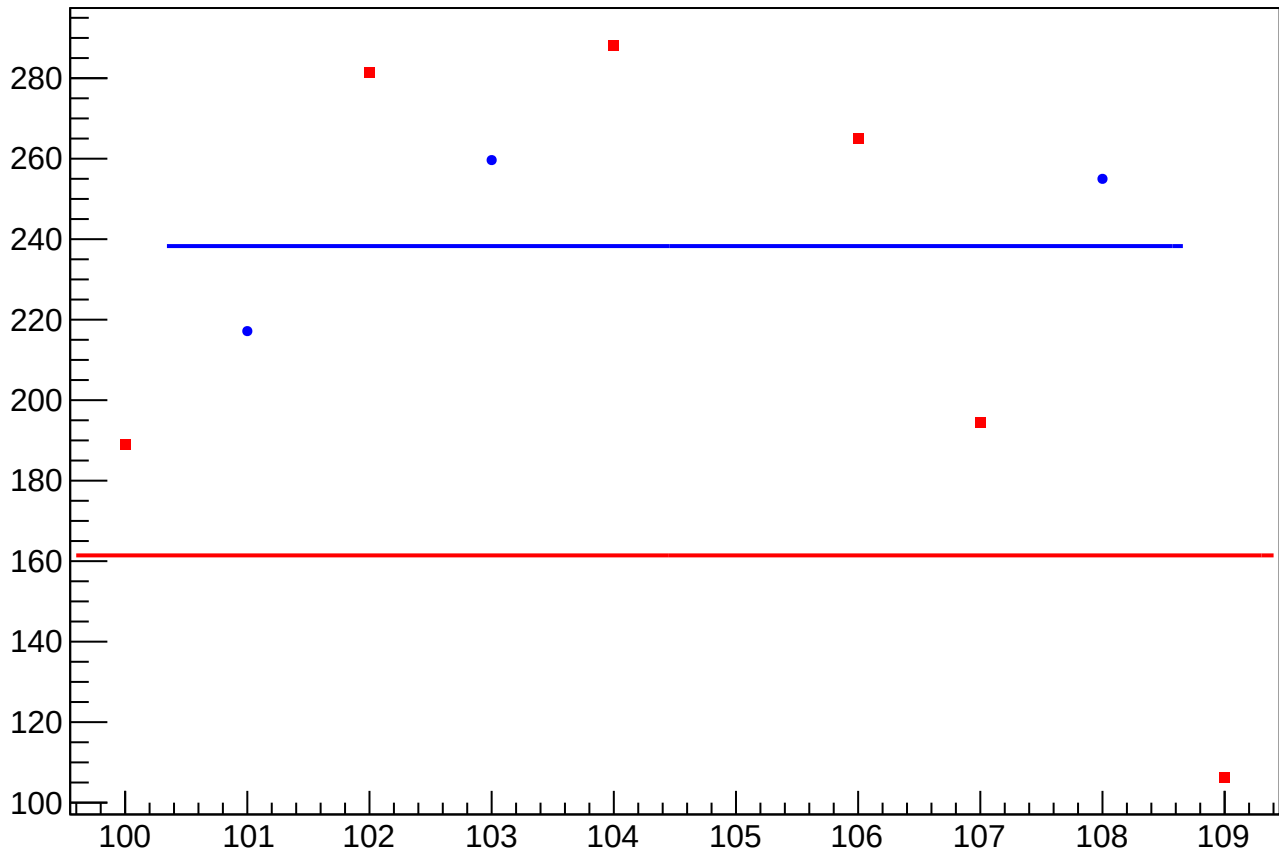
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.935+/-101.249 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 238.286 $\pm$ 0.133 χ^2 /NDF: 23410.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 161.432 $\pm$ 0.085 χ^2 /NDF: 789815.5/5

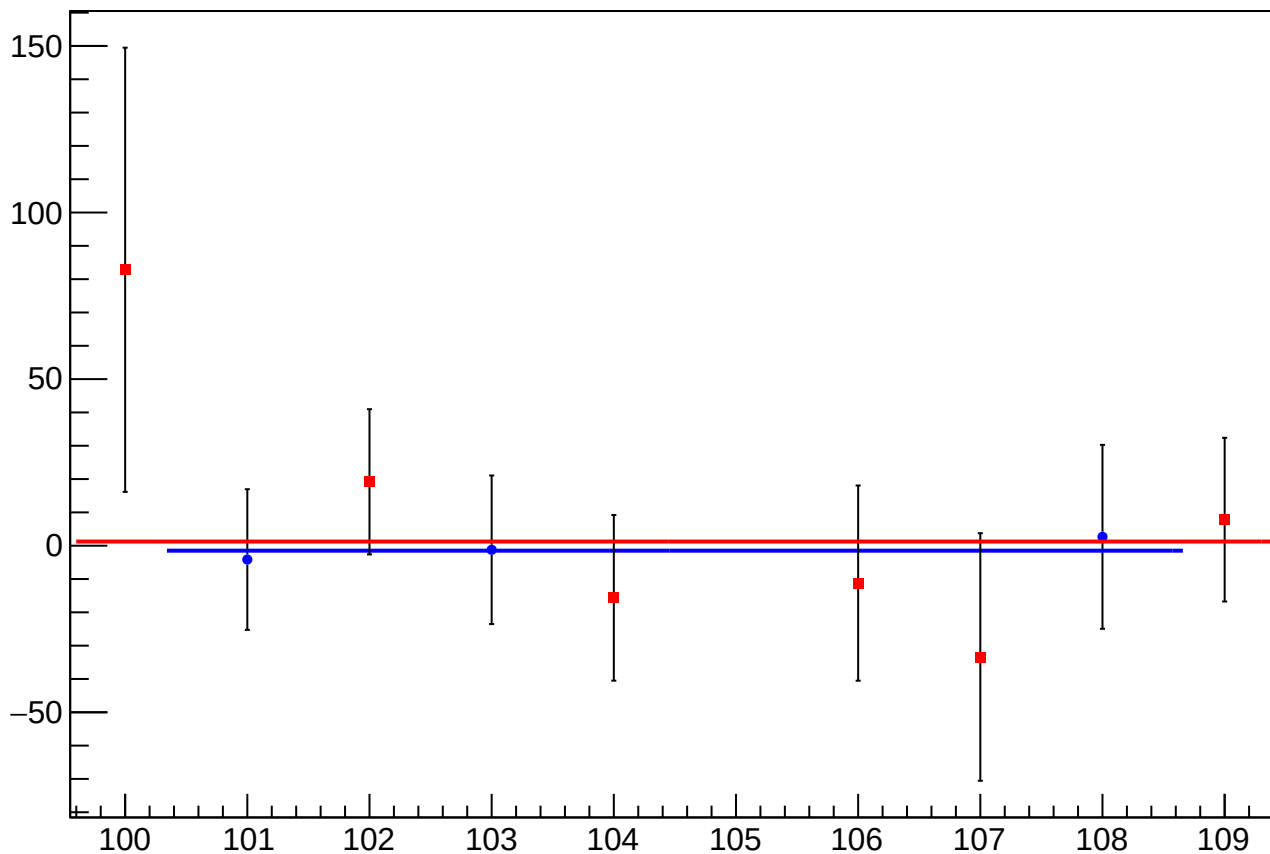
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.657 $\pm$ 0.072 χ^2 /NDF: 1050094.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -1.493 $\pm$ 13.402 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.252 $\pm$ 11.552 χ^2 /NDF: 3.8/5

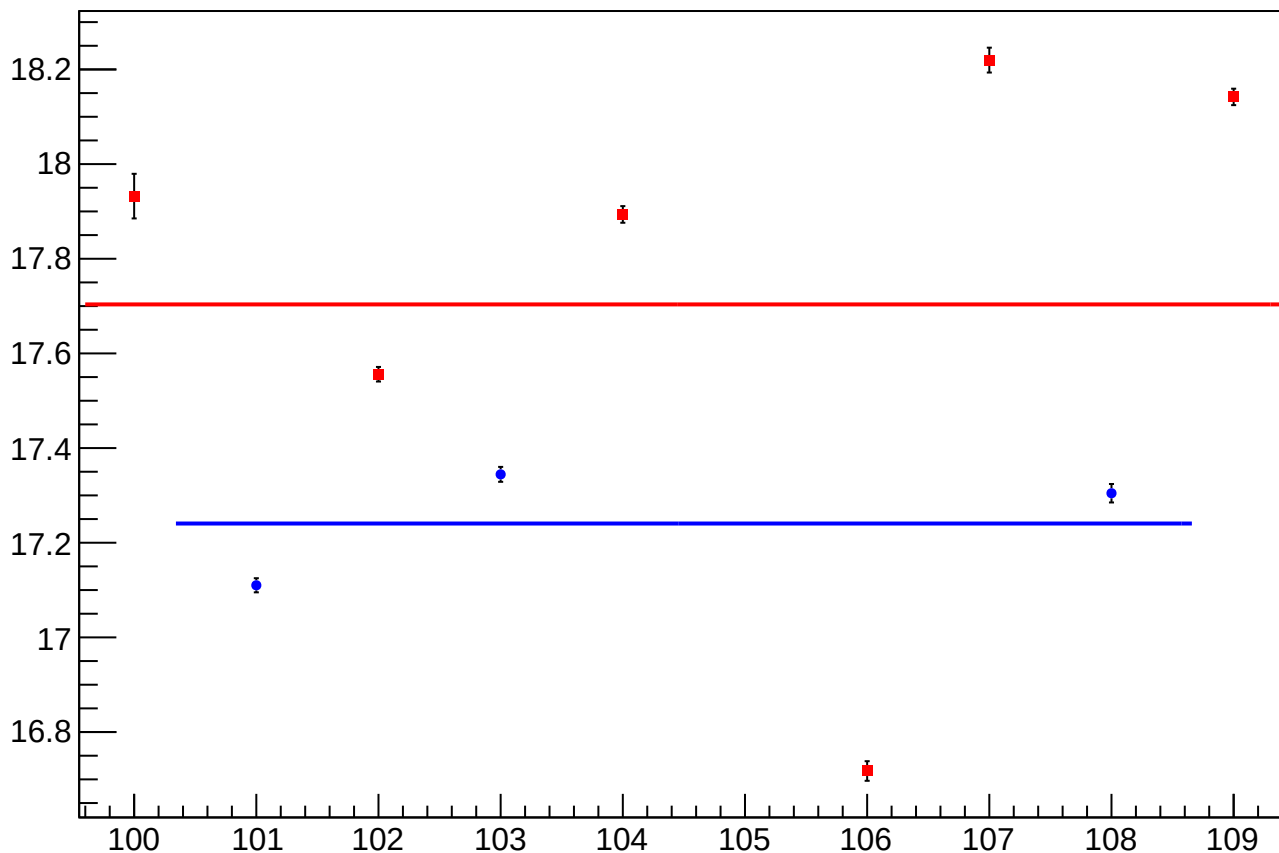
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.082 $\pm$ 8.750 χ^2 /NDF: 3.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.241 $\pm$ 0.009 χ^2 /NDF: 130.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.704 $\pm$ 0.008 χ^2 /NDF: 3519.6/5

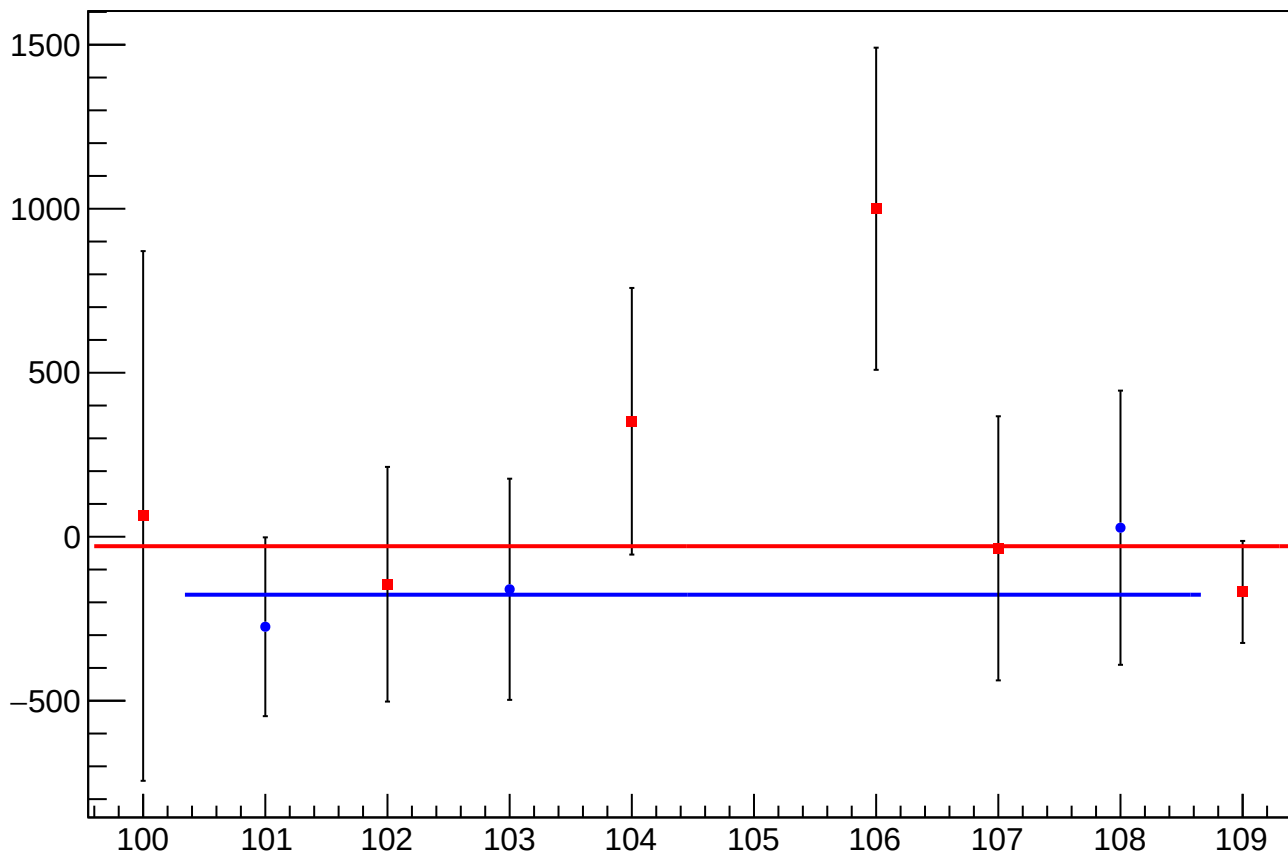
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.506 $\pm$ 0.006 χ^2 /NDF: 5019.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: -176.759+/-189.049 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.845+/-122.111 χ^2/NDF : 6.2/5

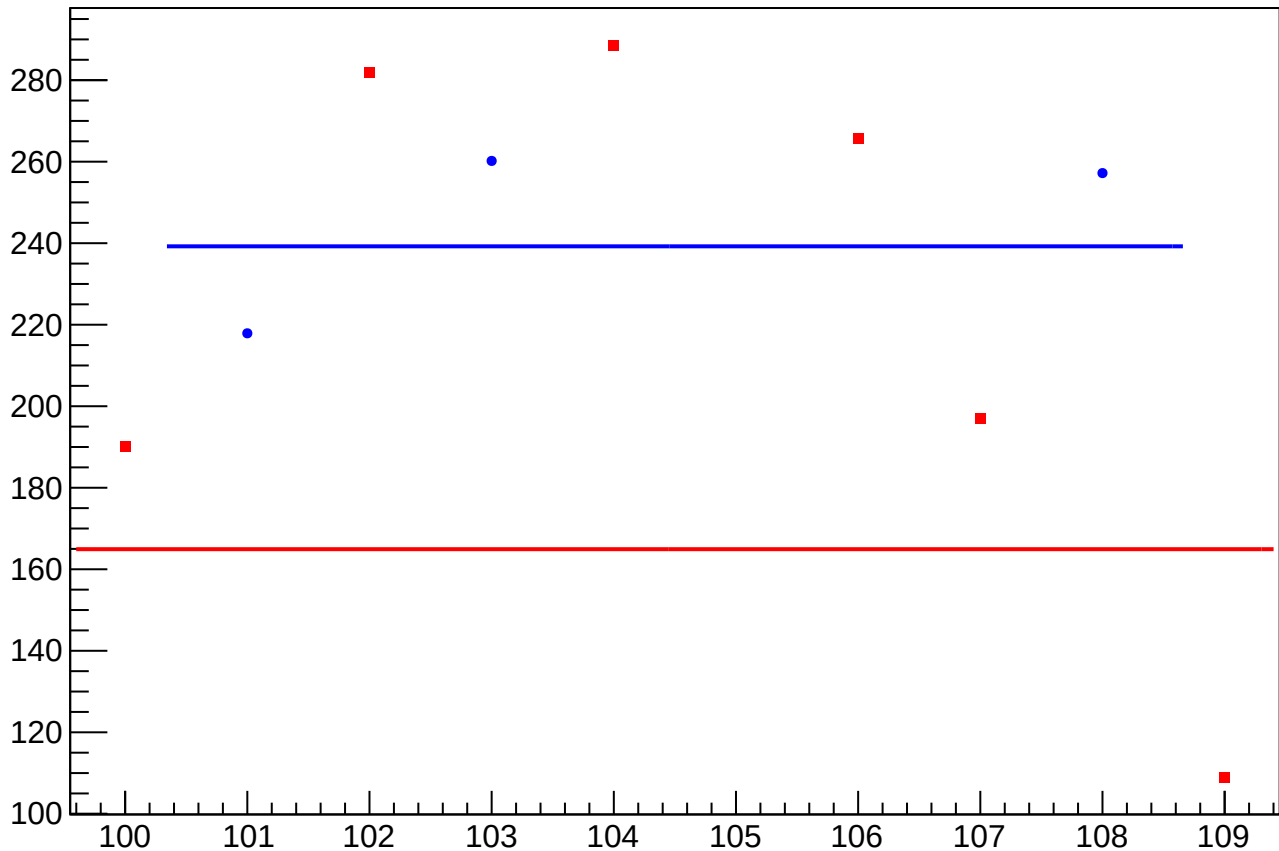
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.389+/-102.574 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 239.233 $\pm$ 0.134 χ^2 /NDF: 23680.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.930 $\pm$ 0.086 χ^2 /NDF: 755935.2/5

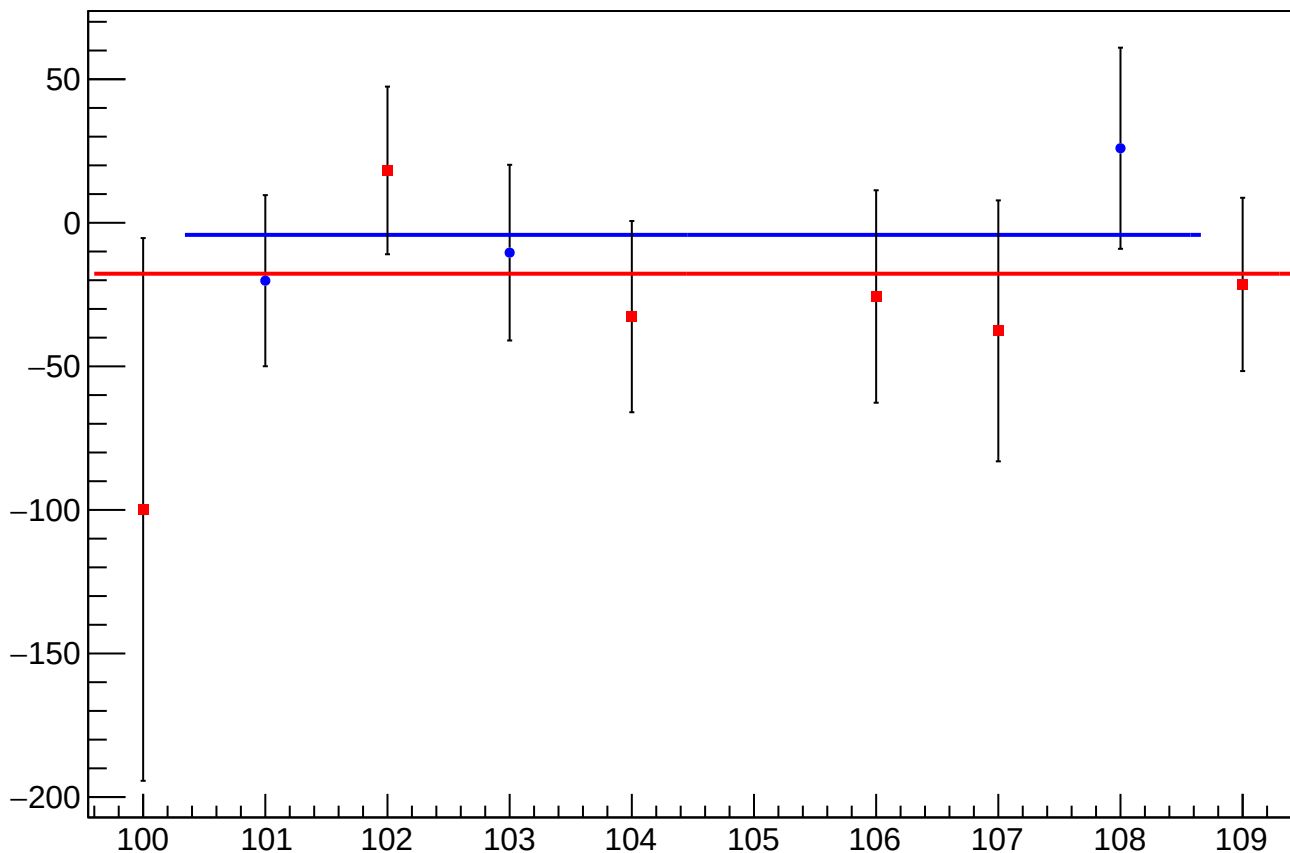
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 186.804 $\pm$ 0.073 χ^2 /NDF: 997620.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: -4.202 $\pm$ 18.227 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.732 $\pm$ 14.908 χ^2 /NDF: 2.7/5

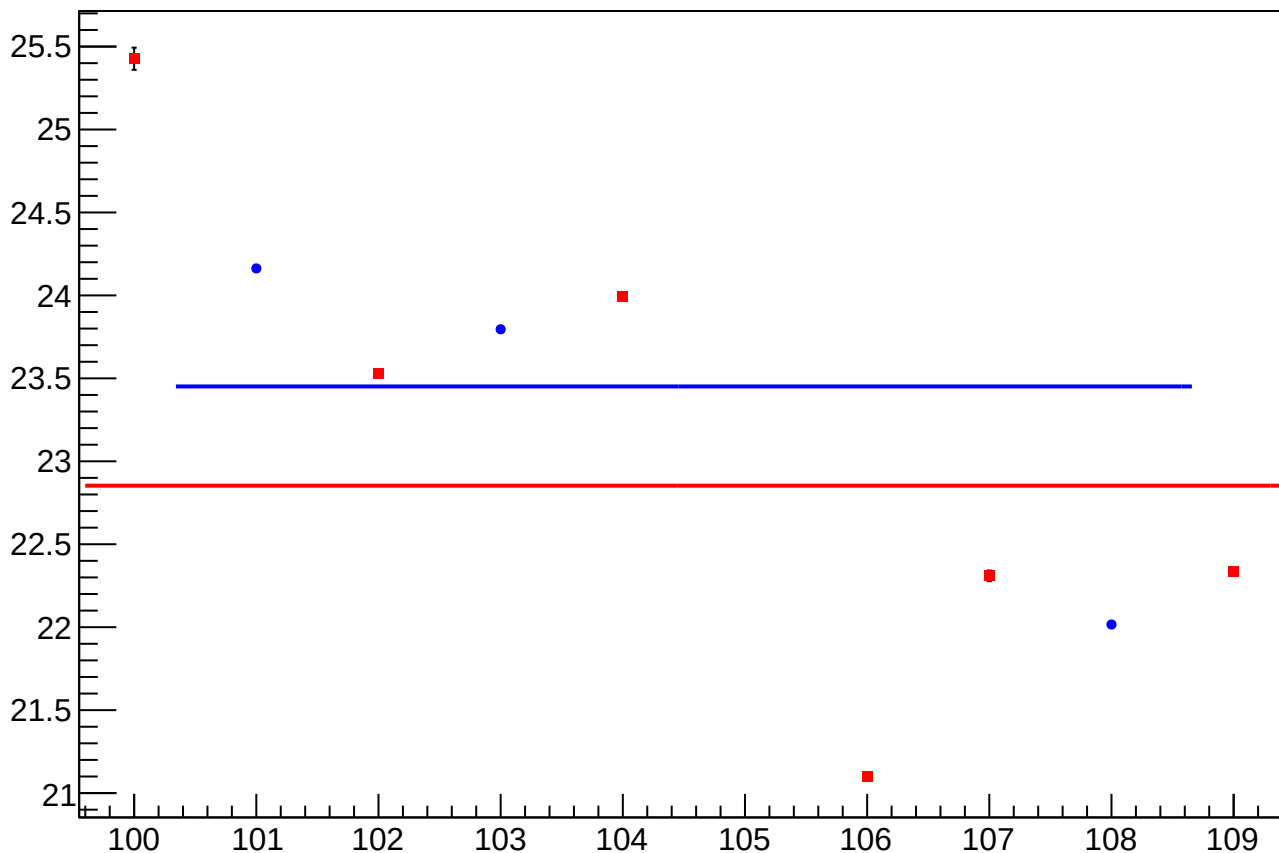
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.309 $\pm$ 11.540 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 23.451 $\pm$ 0.013 χ^2 /NDF: 4751.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.853 $\pm$ 0.011 χ^2 /NDF: 10261.8/5

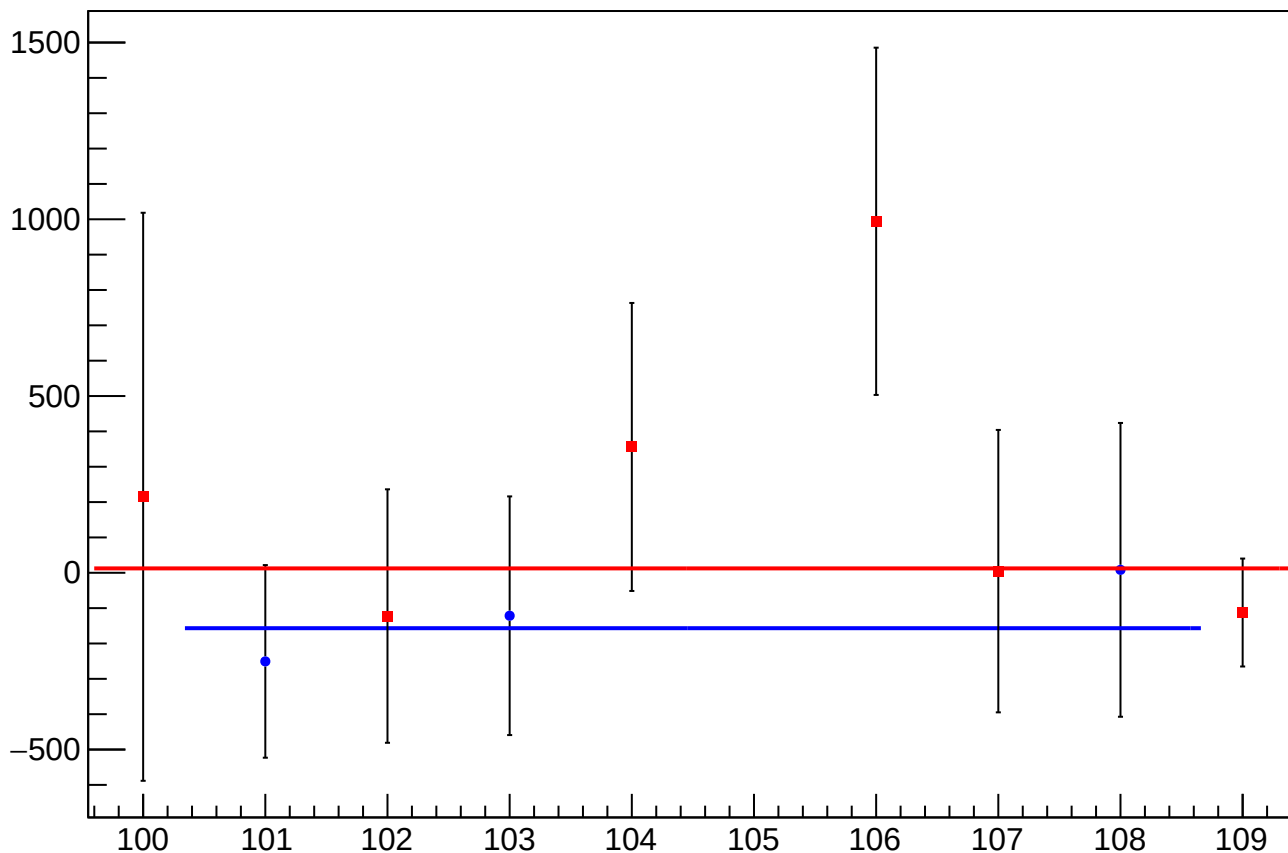
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.093 $\pm$ 0.008 χ^2 /NDF: 16304.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: -156.741+/-188.858 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.410+/-120.670 χ^2/NDF : 5.6/5

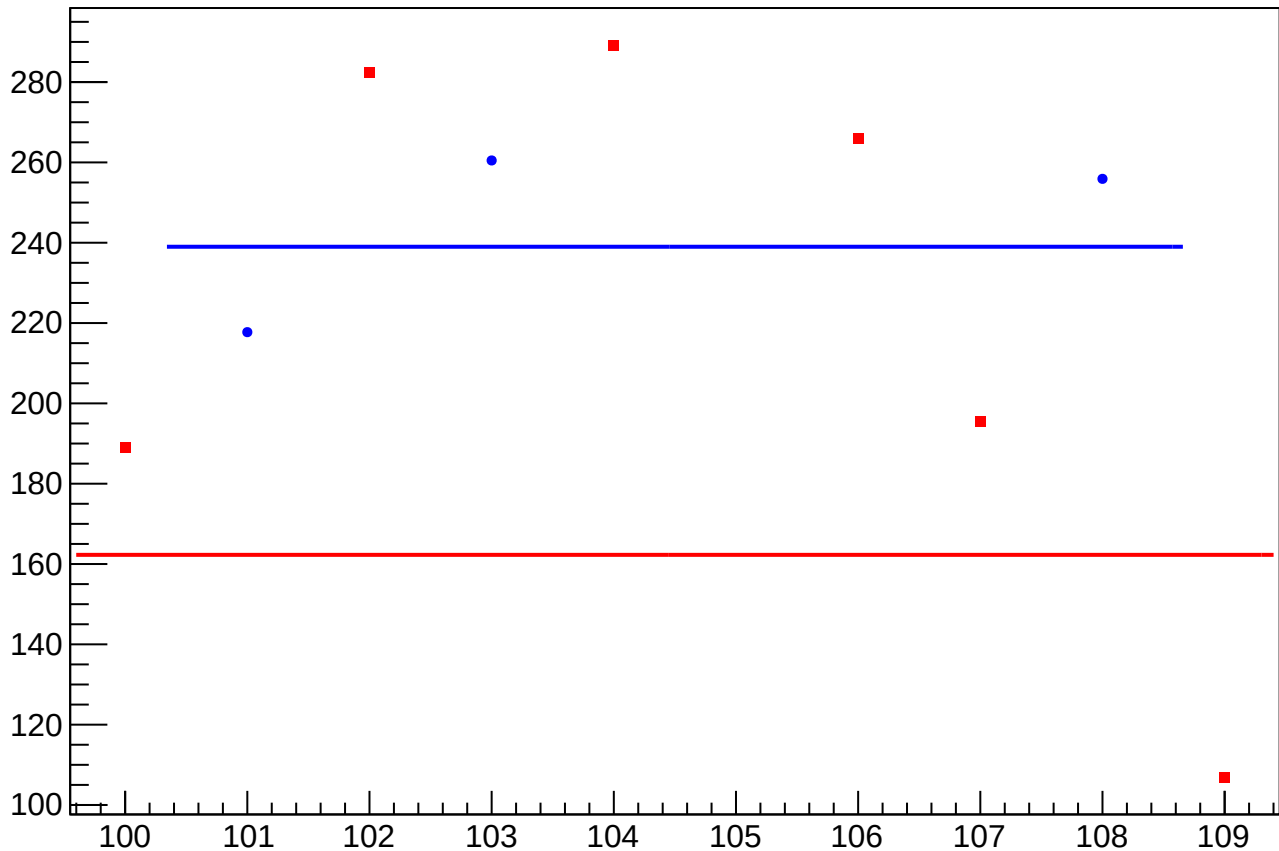
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.627+/-101.685 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 239.001 $\pm$ 0.134 χ^2 /NDF: 23595.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.284 $\pm$ 0.085 χ^2 /NDF: 786530.8/5

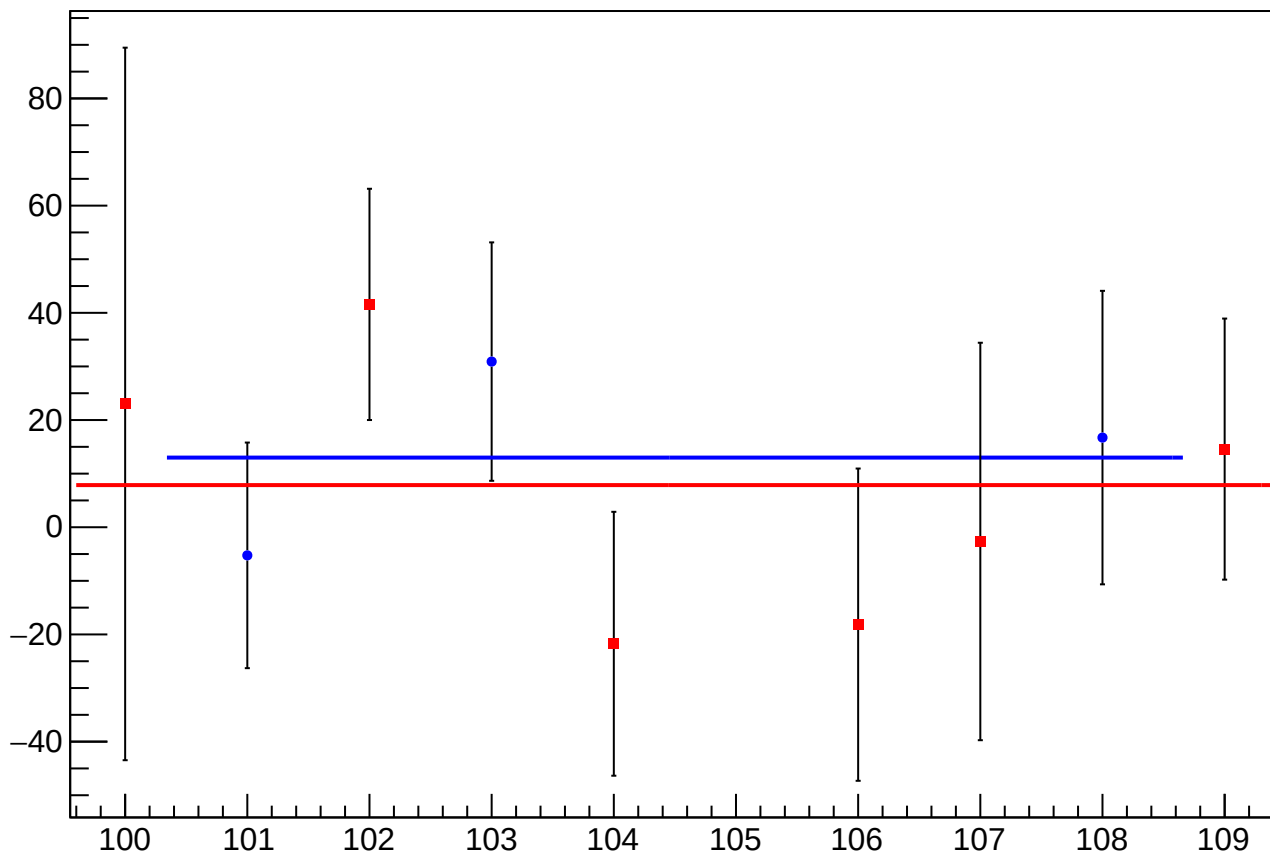
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.524 $\pm$ 0.072 χ^2 /NDF: 1044475.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 12.994 $\pm$ 13.347 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.862 $\pm$ 11.458 χ^2 /NDF: 4.9/5

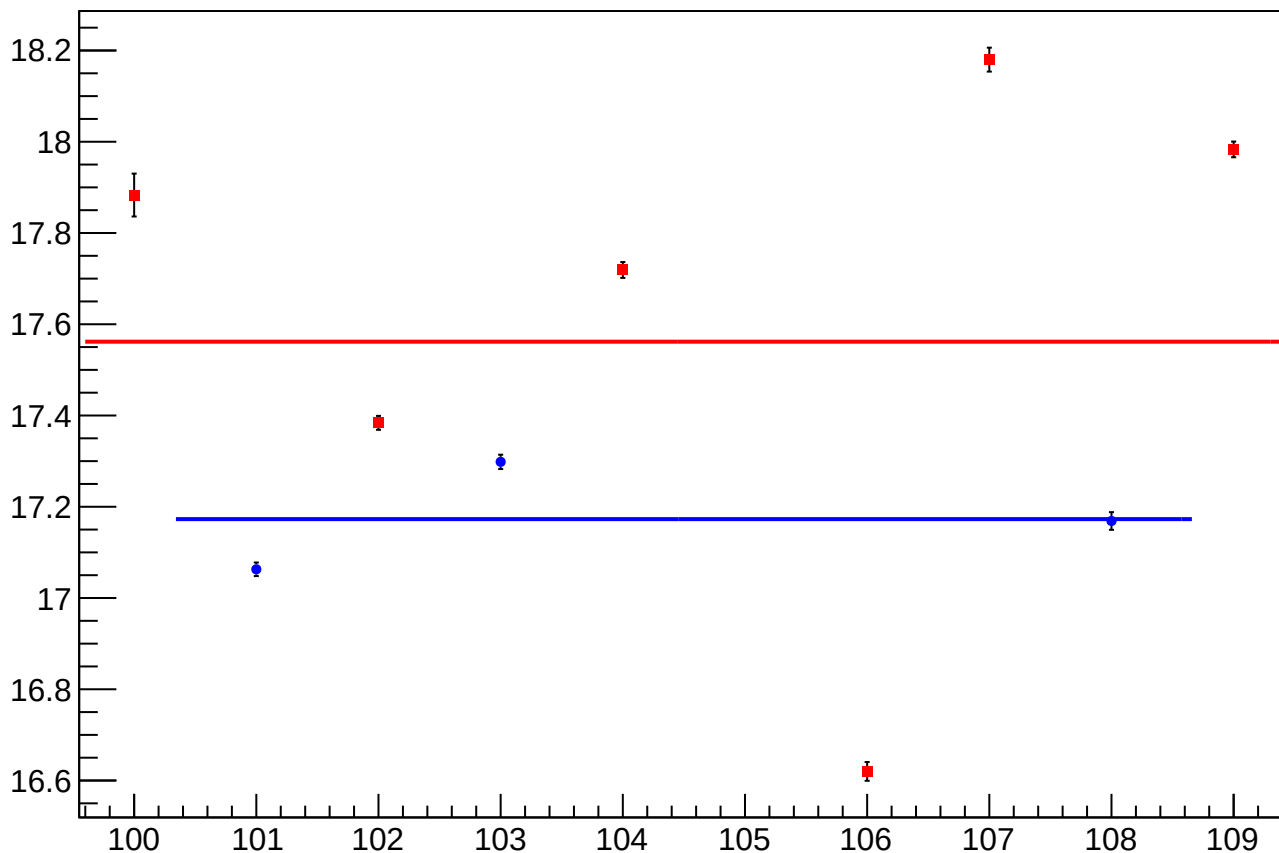
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.039 $\pm$ 8.694 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.173+/-0.009 χ^2/NDF : 118.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.562+/-0.008 χ^2/NDF : 3509.8/5

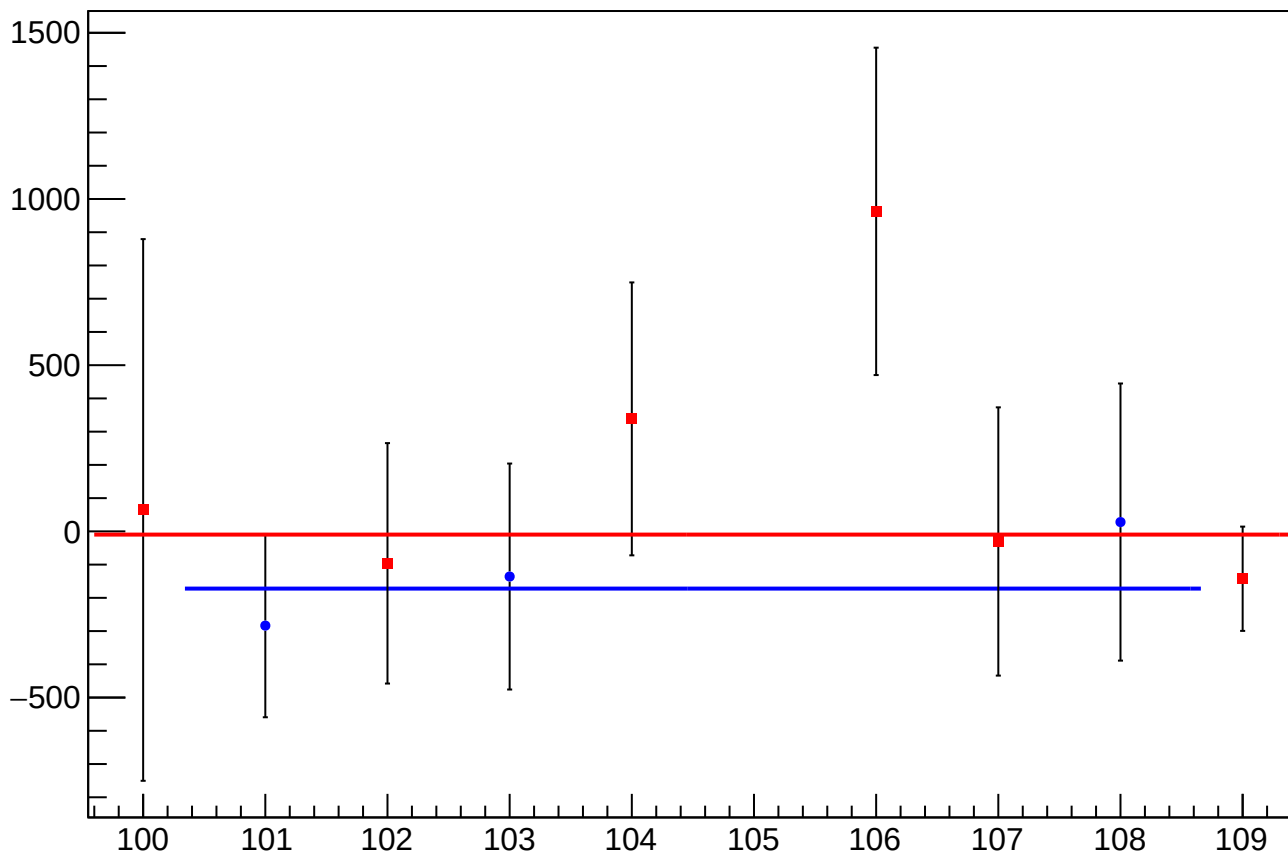
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.397+/-0.006 χ^2/NDF : 4605.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: -172.149 $\pm$ 190.478 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.703 $\pm$ 123.105 χ^2 /NDF: 5.4/5

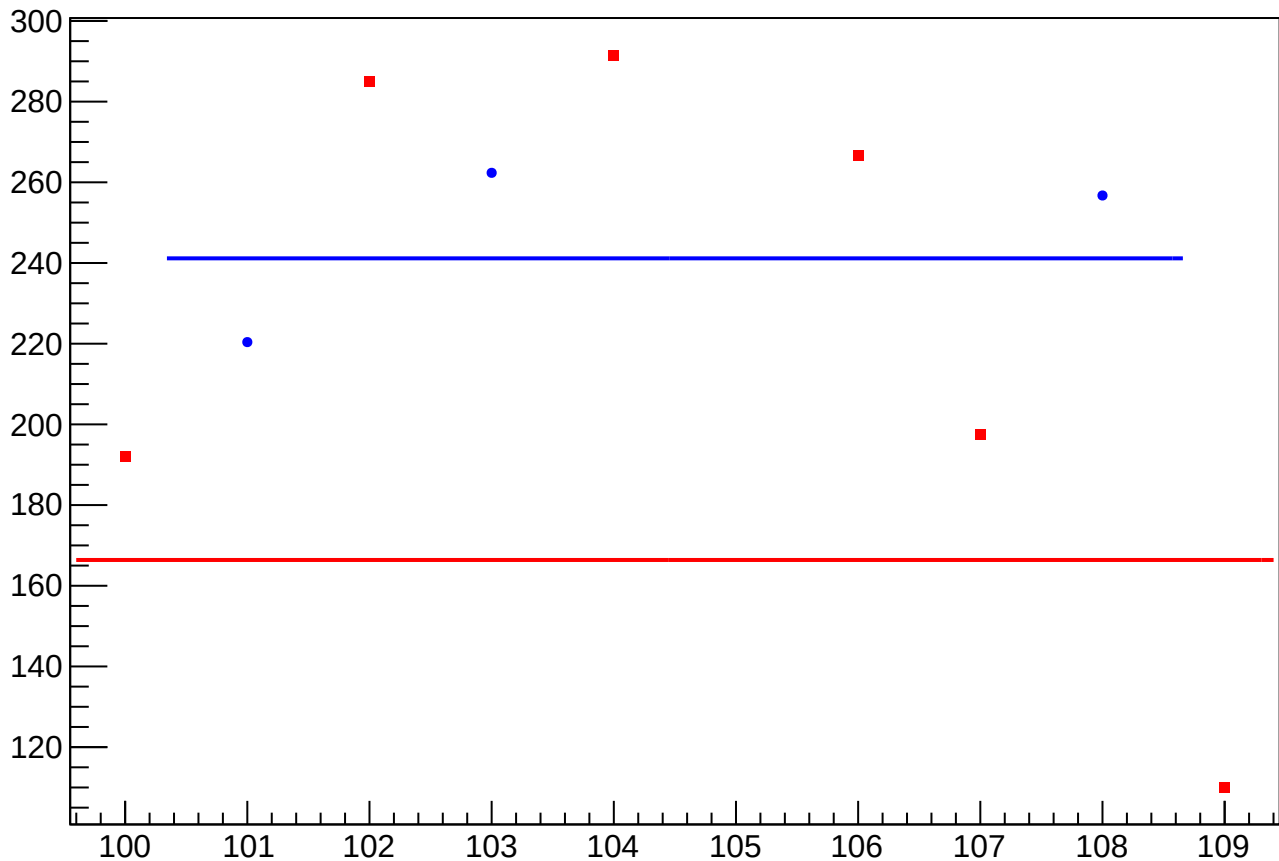
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -57.565 $\pm$ 103.391 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 241.154 $\pm$ 0.135 χ^2 /NDF: 21908.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.392 $\pm$ 0.087 χ^2 /NDF: 754930.1/5

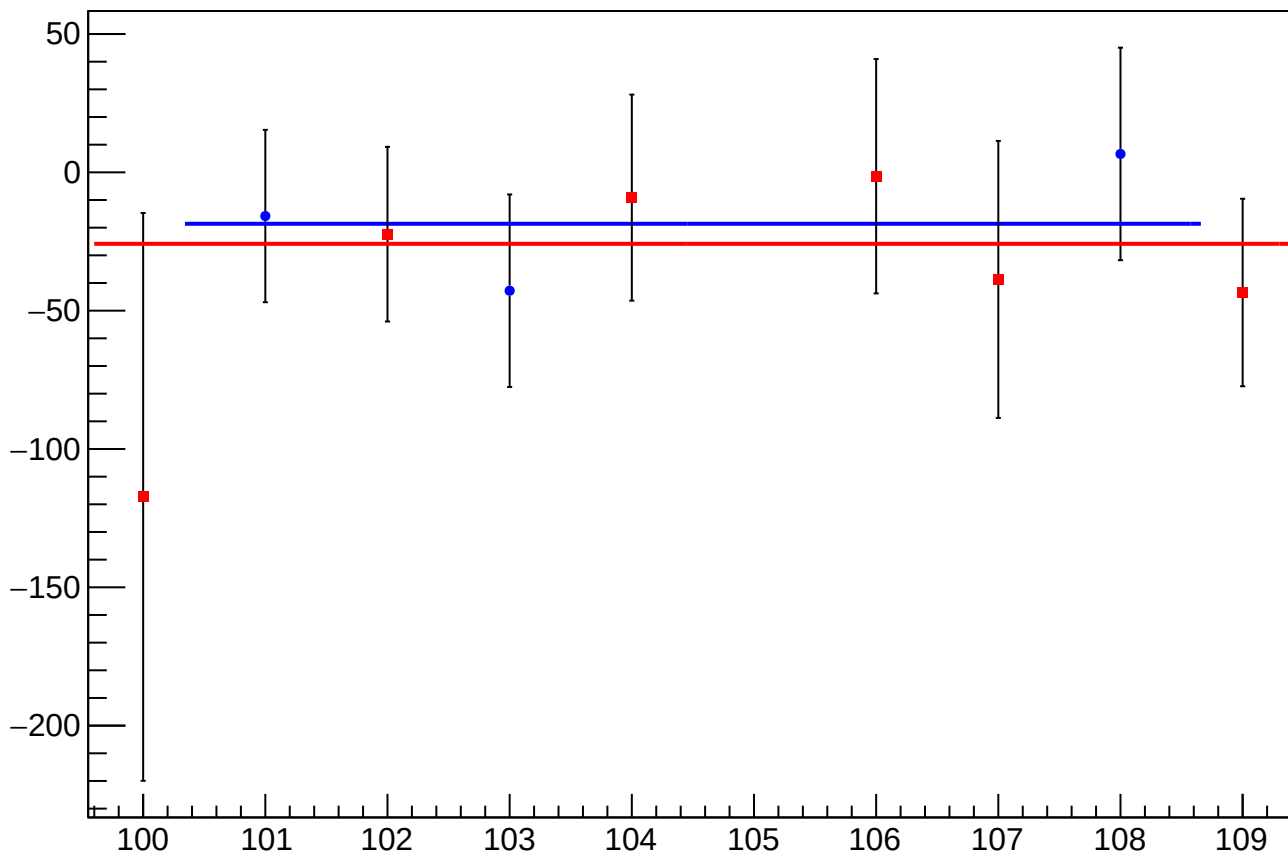
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.419 $\pm$ 0.073 χ^2 /NDF: 994171.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -18.593 ± 19.864 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.833 ± 16.561 χ^2/NDF : 1.7/5

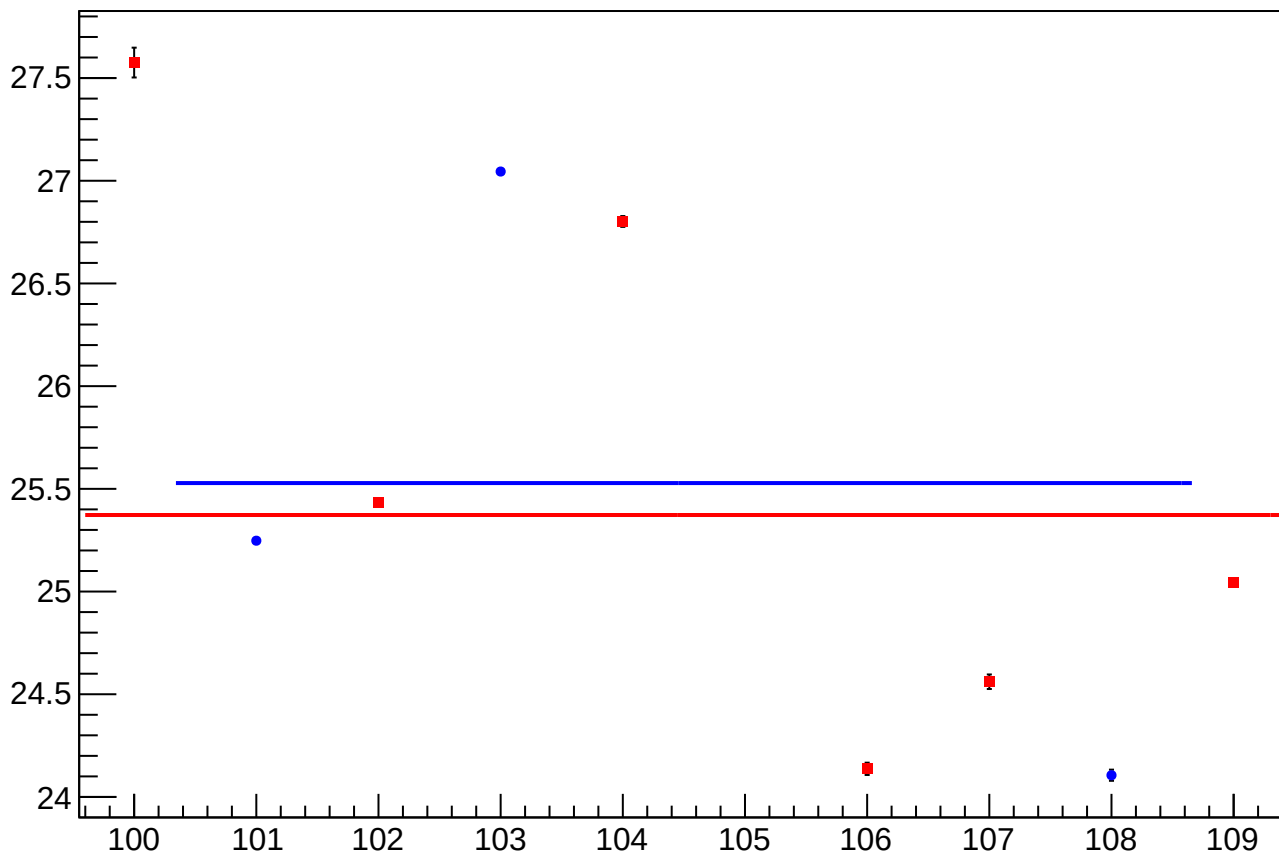
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.864 ± 12.720 χ^2/NDF : 2.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.528 $\pm$ 0.014 χ^2 /NDF: 6705.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.373 $\pm$ 0.012 χ^2 /NDF: 6290.9/5

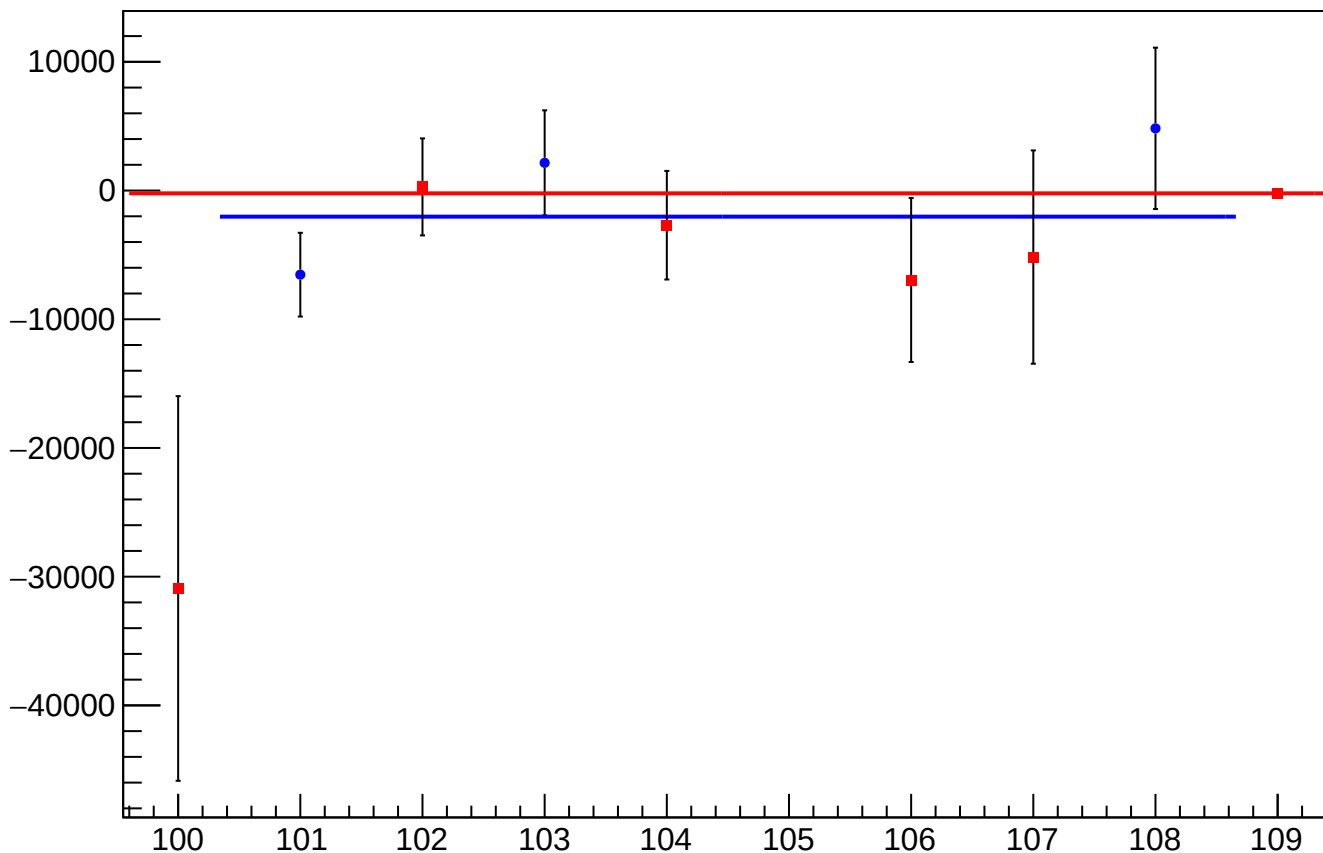
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.436 $\pm$ 0.009 χ^2 /NDF: 13068.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: -2028.449+/-2357.024 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.100+/-209.545 χ^2/NDF : 6.1/5

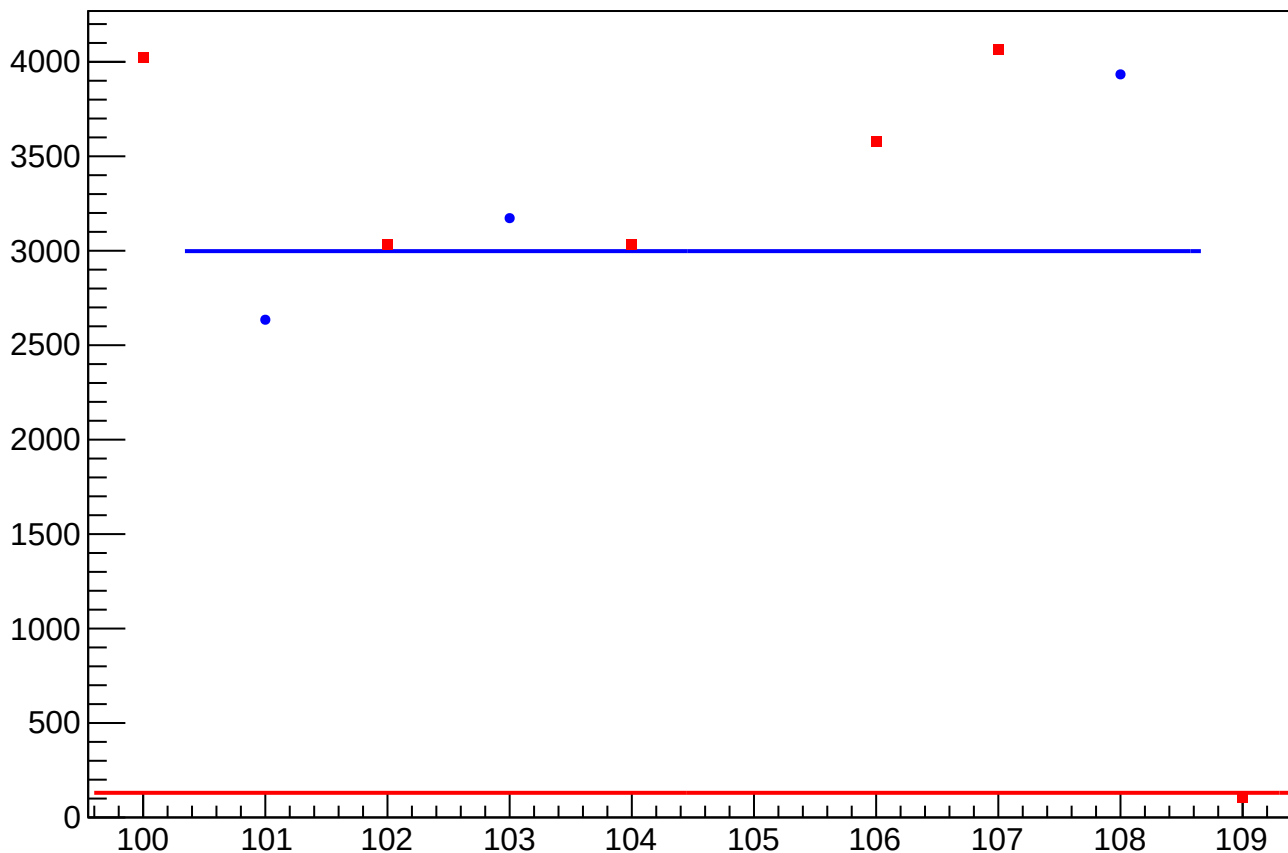
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -232.296+/-208.722 χ^2/NDF : 10.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 2997.994 $\pm$ 1.667 χ^2 /NDF: 73131.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.472 $\pm$ 0.148 χ^2 /NDF: 3333294.9/5

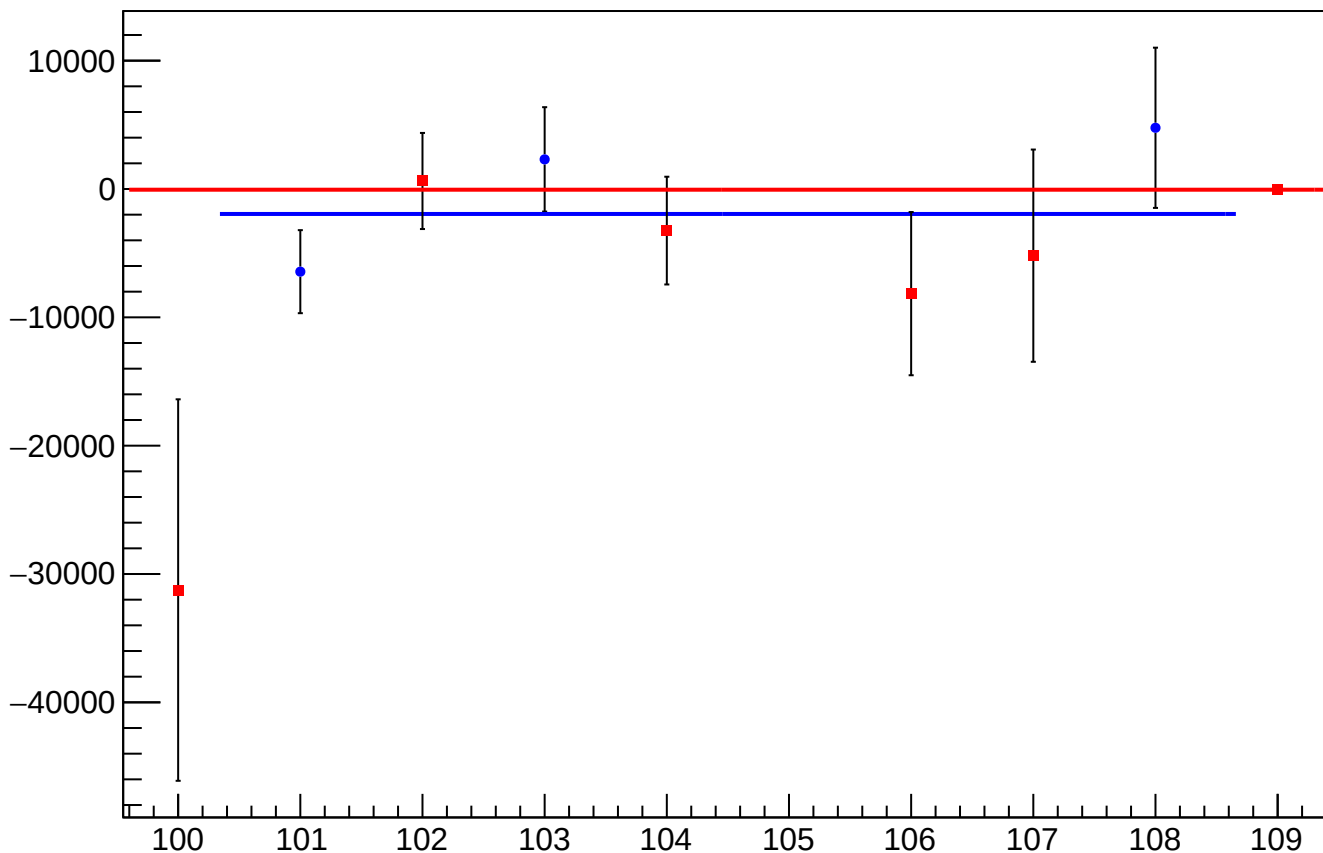
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.959 $\pm$ 0.148 χ^2 /NDF: 6343373.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -1945.282+/-2346.179 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.300+/-51.353 χ^2/NDF : 7.0/5

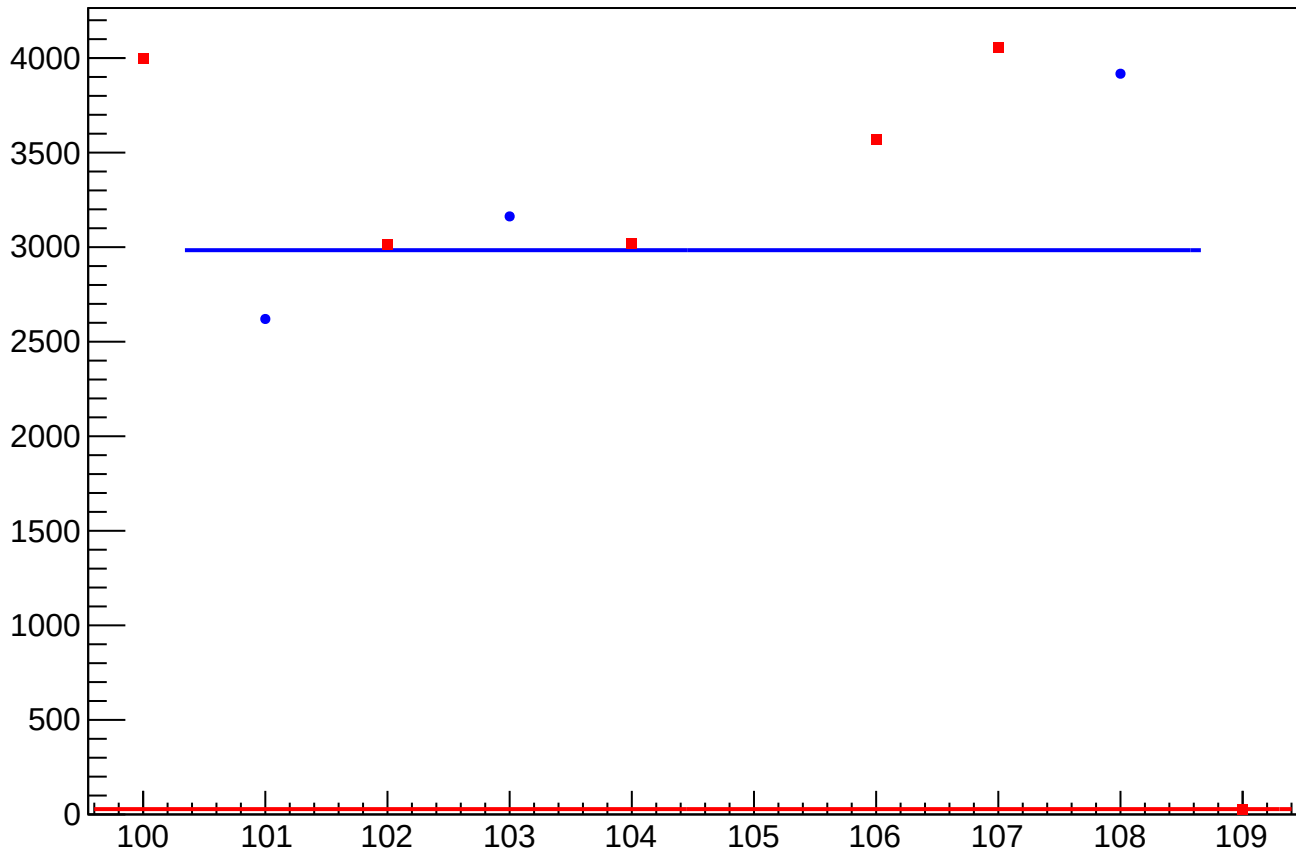
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.205+/-51.341 χ^2/NDF : 11.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 2983.956 $\pm$ 1.659 χ^2 /NDF: 73836.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.254 $\pm$ 0.036 χ^2 /NDF: 3529449.6/5

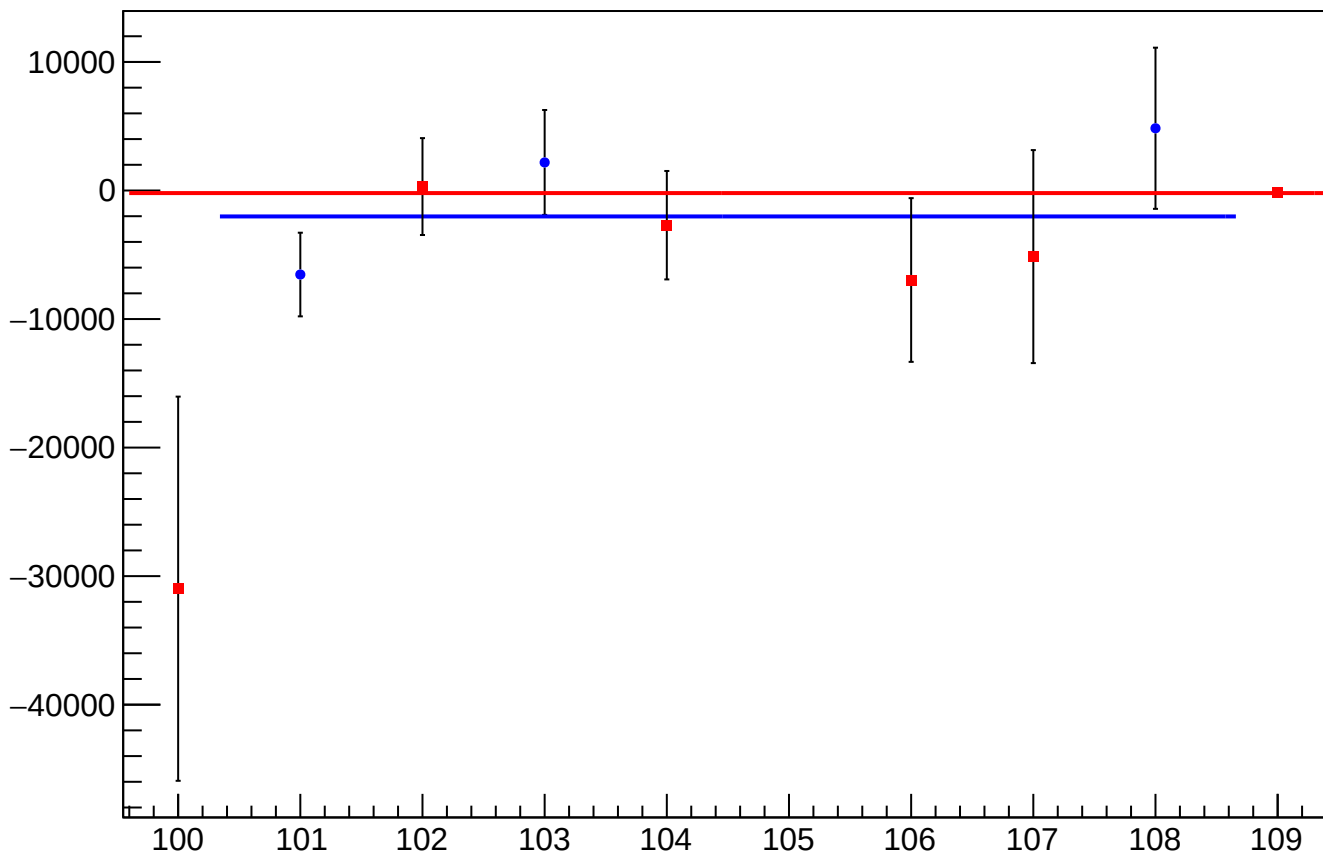
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.670 $\pm$ 0.036 χ^2 /NDF: 6775924.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: -2017.748 $\pm$ 2357.050 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -200.580 $\pm$ 208.363 χ^2 /NDF: 6.1/5

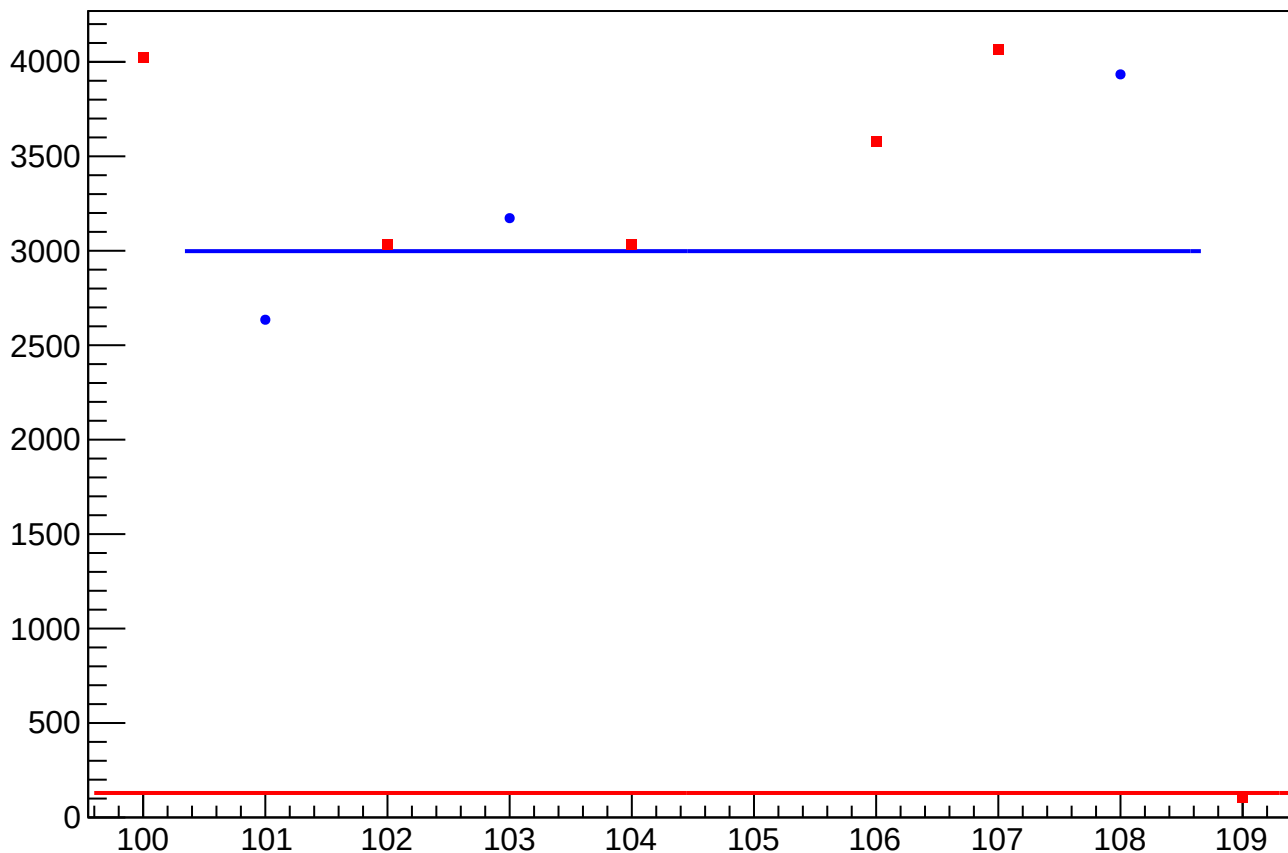
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -214.670 $\pm$ 207.554 χ^2 /NDF: 10.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 2998.025 $\pm$ 1.667 χ^2 /NDF: 73135.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.576 $\pm$ 0.147 χ^2 /NDF: 3334925.9/5

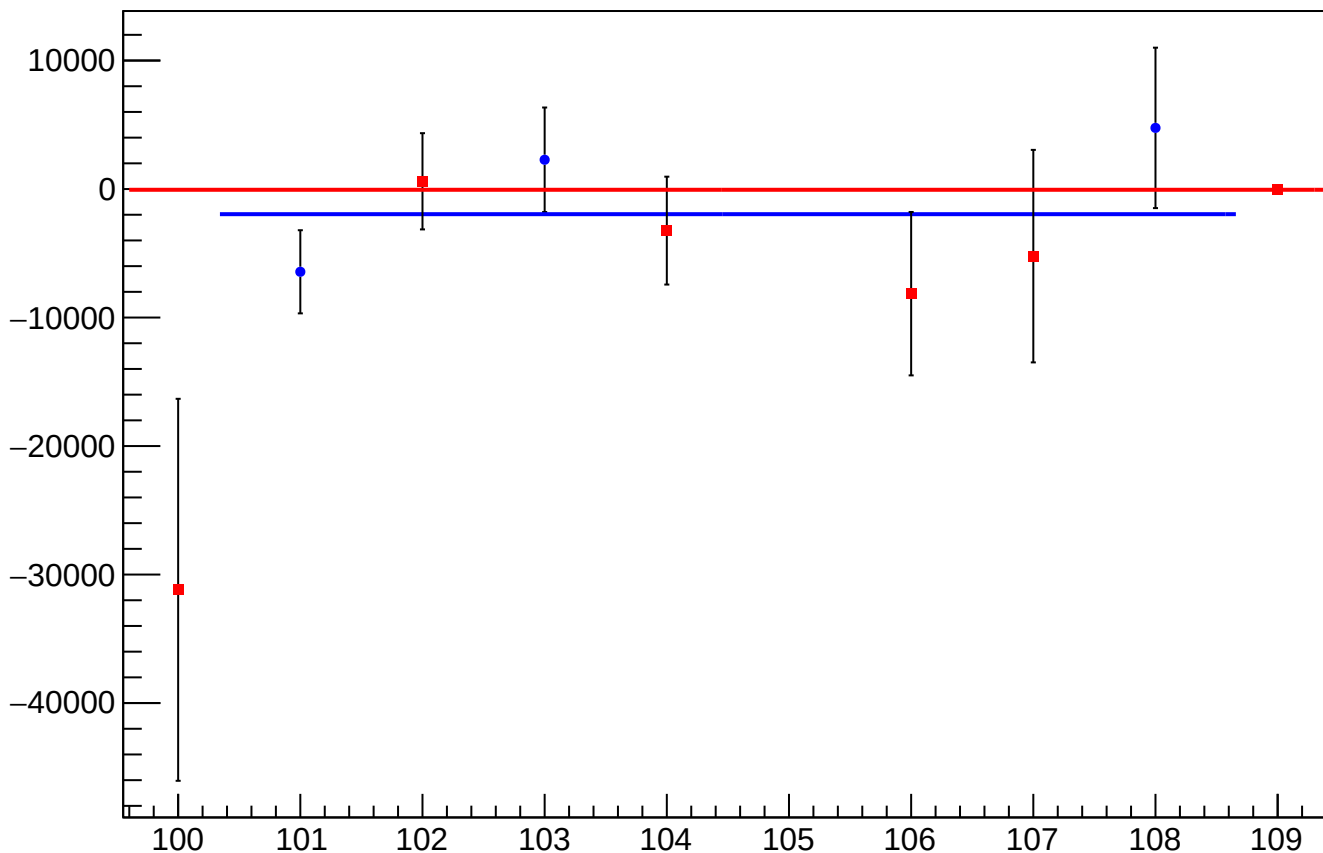
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.818 $\pm$ 0.147 χ^2 /NDF: 6347107.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -1955.950+/-2346.091 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.625+/-51.362 χ^2/NDF : 7.0/5

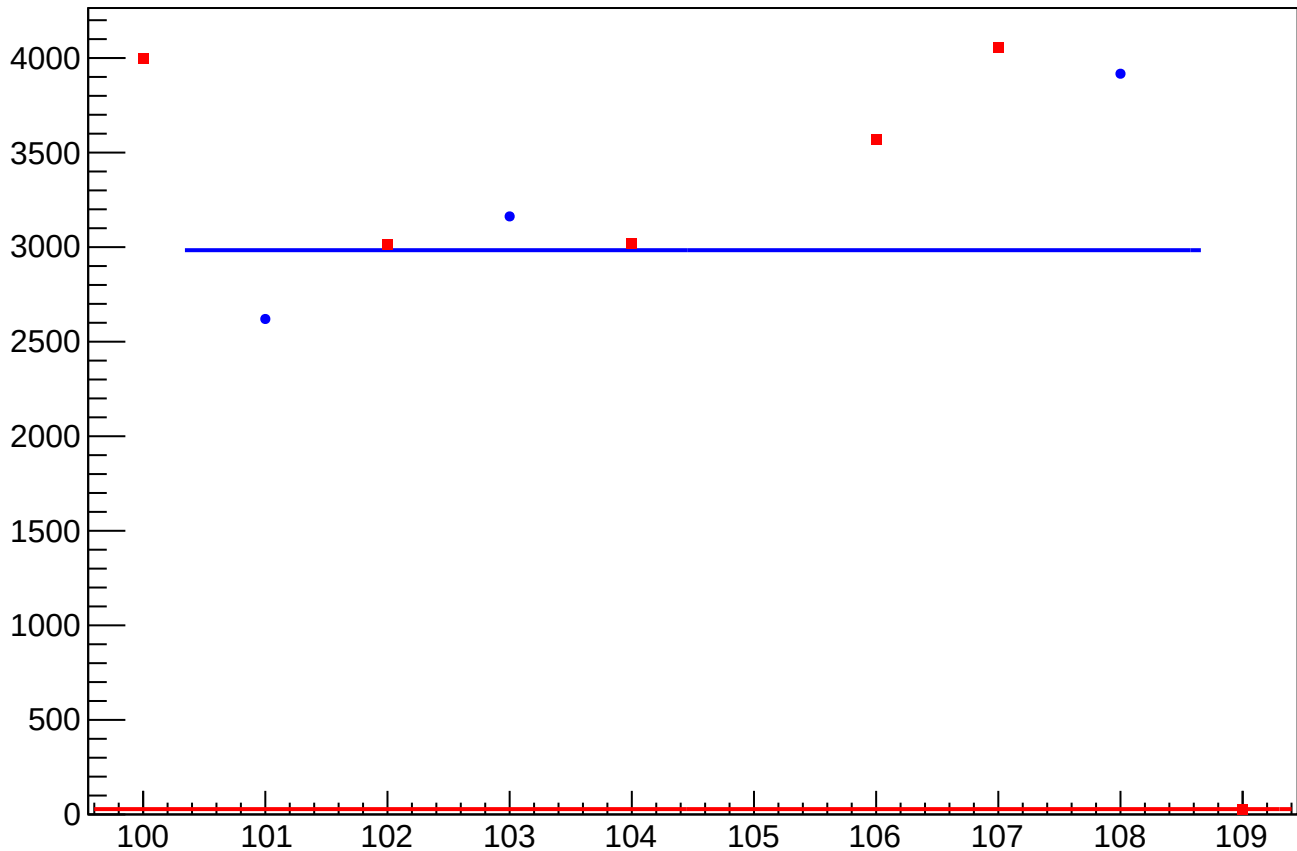
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.535+/-51.349 χ^2/NDF : 11.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 2983.844 $\pm$ 1.659 χ^2 /NDF: 73835.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.256 $\pm$ 0.036 χ^2 /NDF: 3529446.1/5

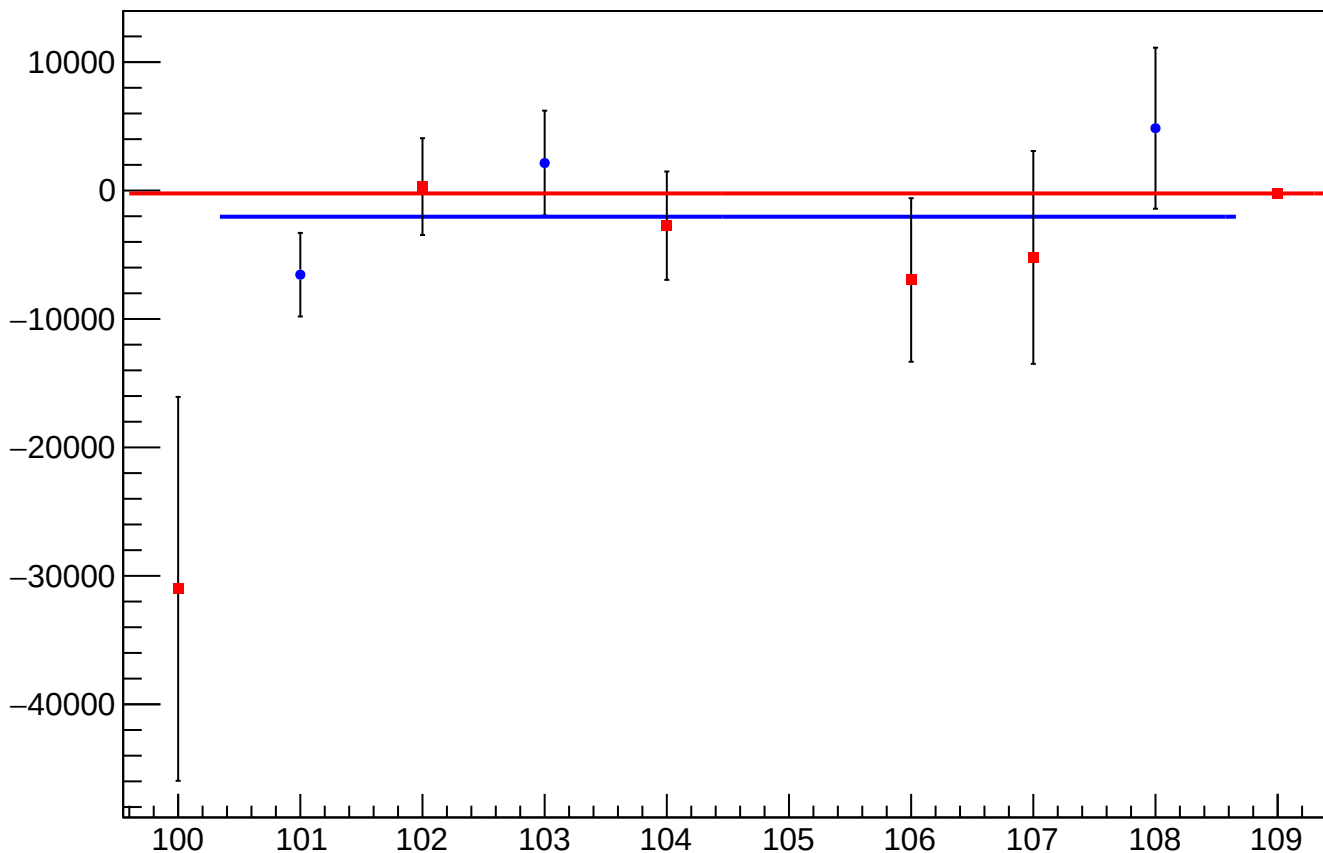
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.672 $\pm$ 0.036 χ^2 /NDF: 6775913.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: -237.924+/-2357.241 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.044+/-214.102 χ^2/NDF : 6.1/5

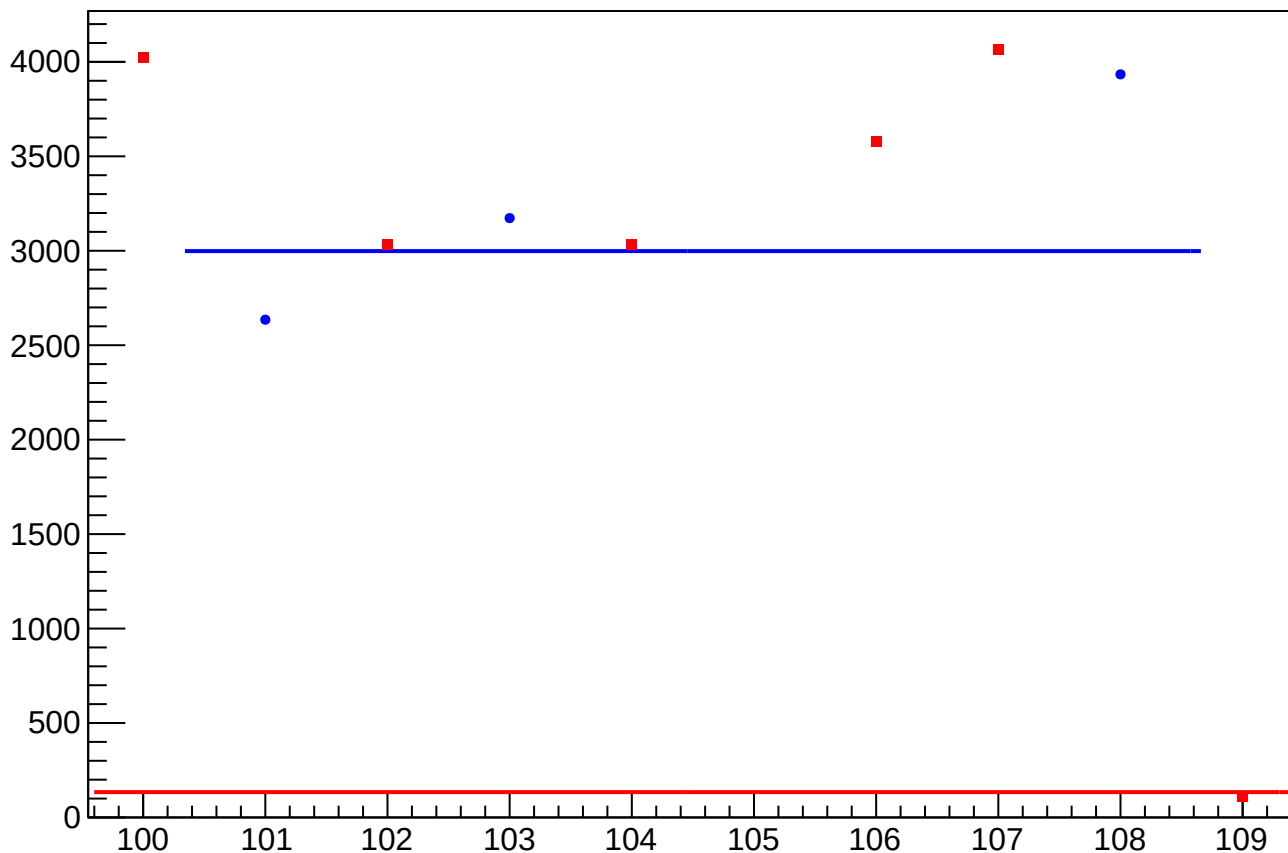
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -240.869+/-213.224 χ^2/NDF : 10.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 2998.281 $\pm$ 1.667 χ^2 /NDF: 73108.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.037 $\pm$ 0.151 χ^2 /NDF: 3326826.8/5

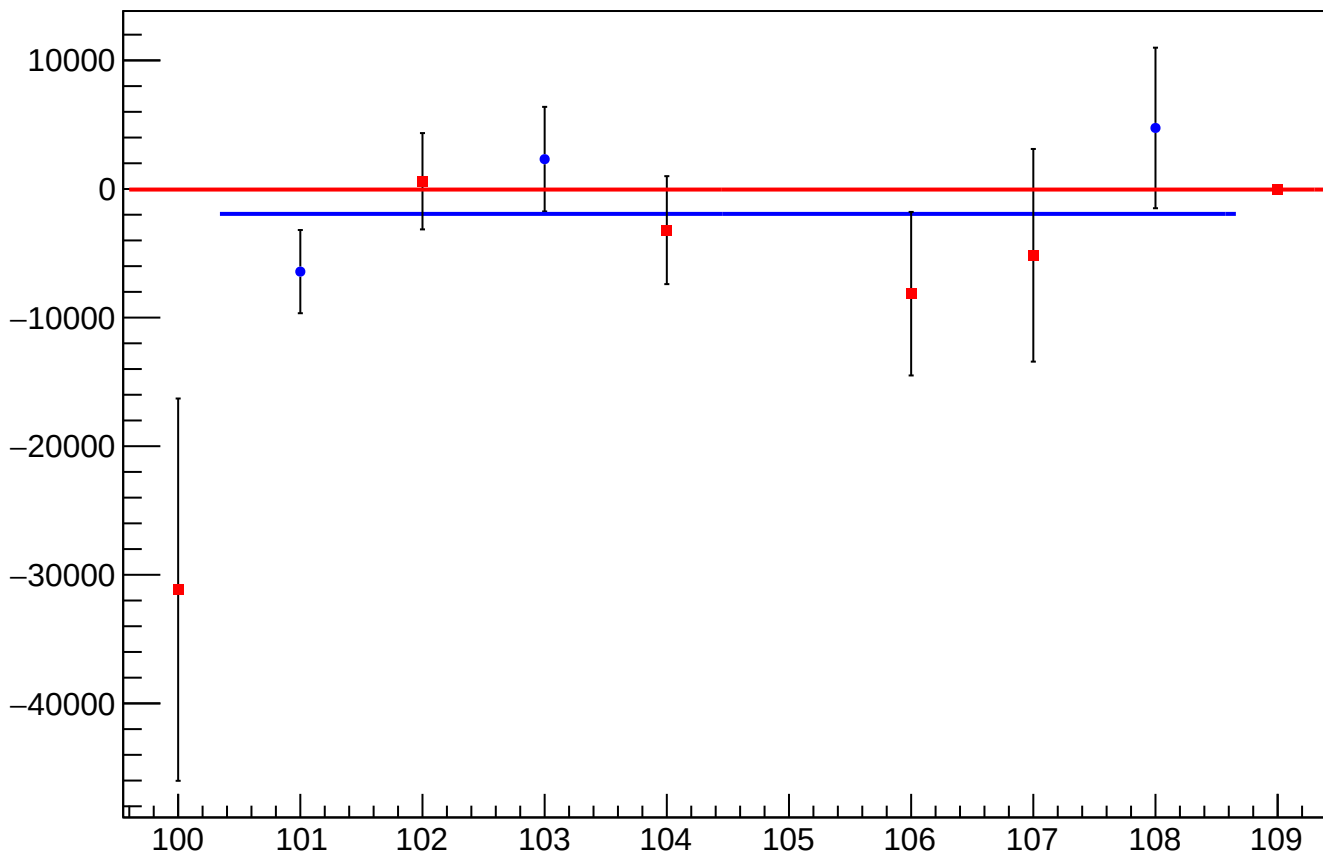
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.473 $\pm$ 0.151 χ^2 /NDF: 6328628.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: -1935.877+/-2346.168 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.669+/-63.828 χ^2/NDF : 7.0/5

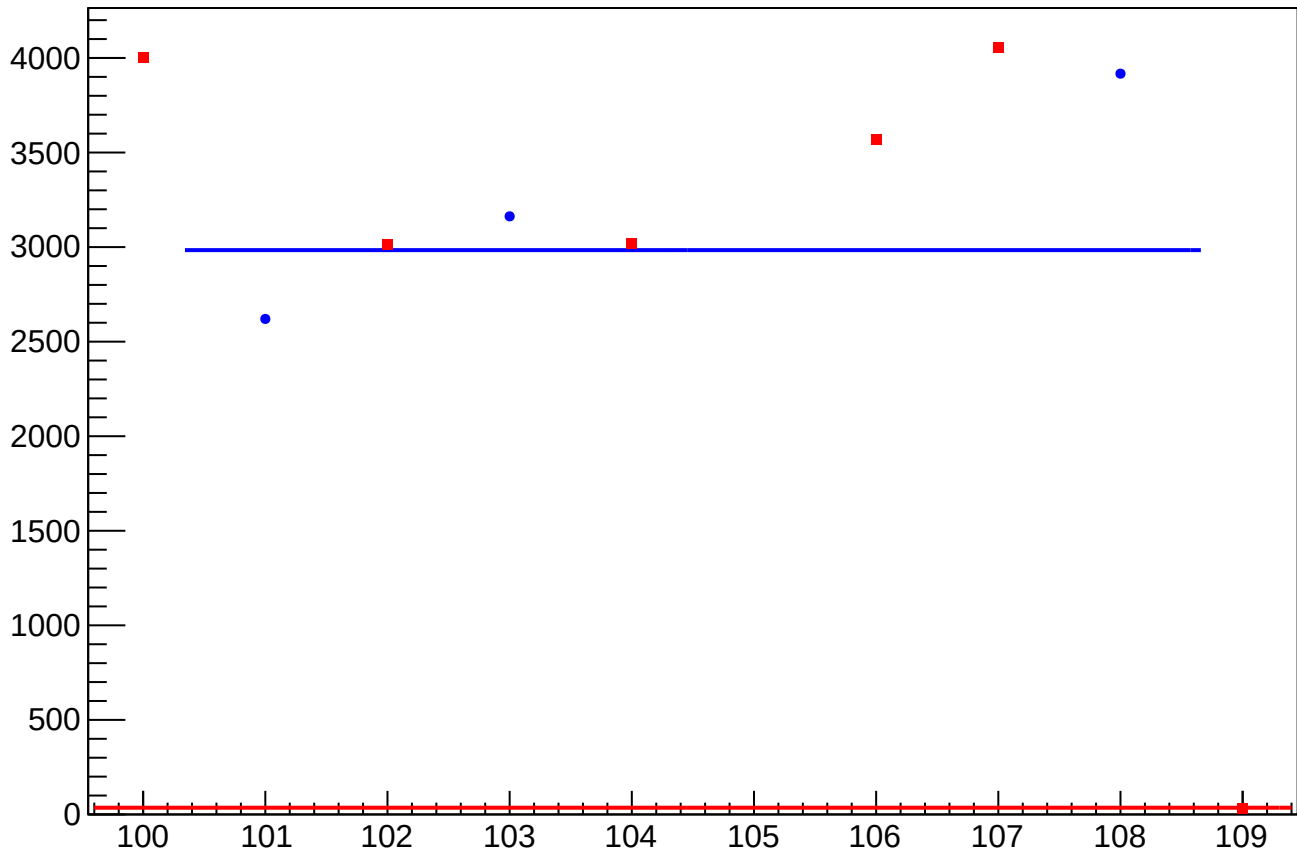
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.069+/-63.805 χ^2/NDF : 11.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 2983.946 $\pm$ 1.659 χ^2 /NDF: 73825.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.611 $\pm$ 0.045 χ^2 /NDF: 3514212.9/5

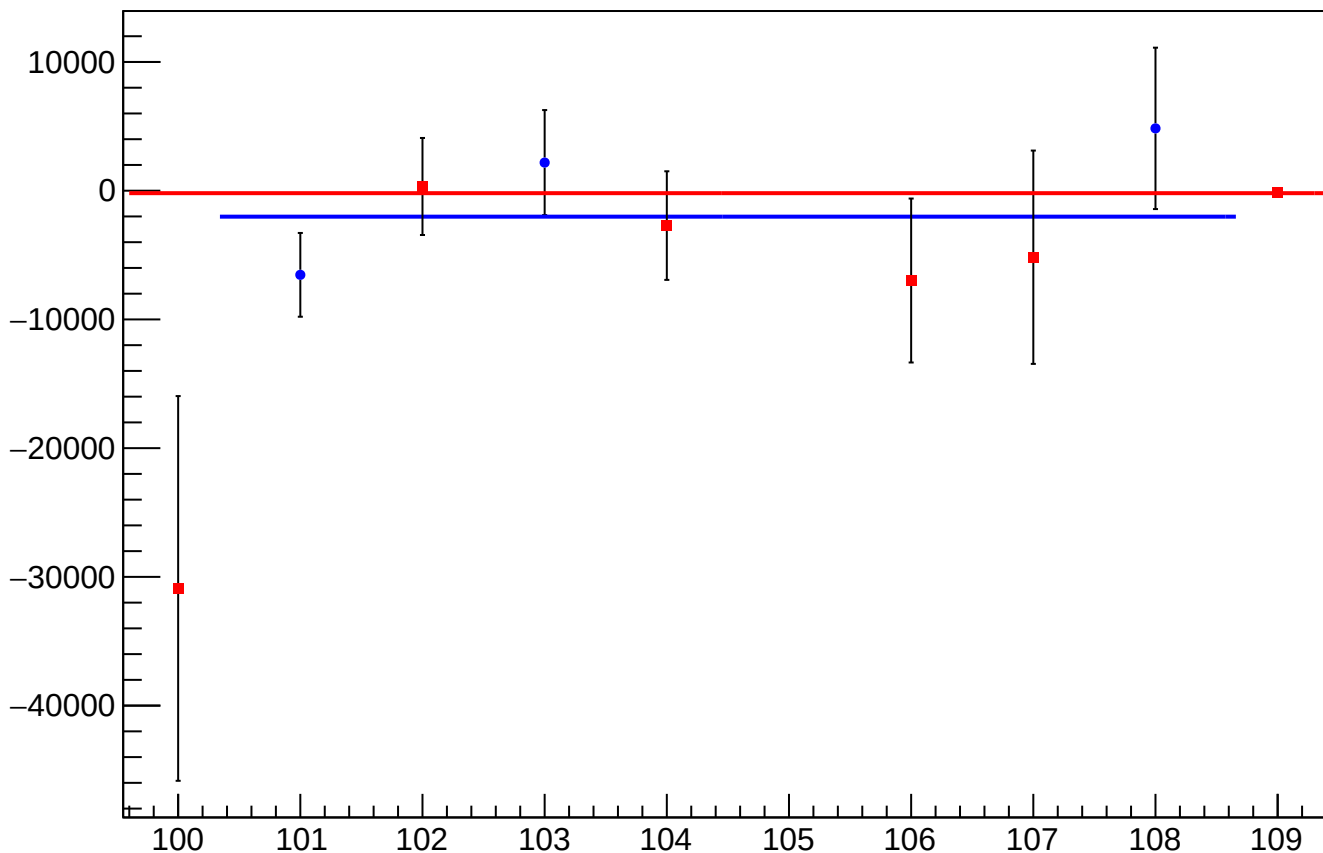
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.791 $\pm$ 0.045 χ^2 /NDF: 6744090.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: -2016.560+/-2357.184 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -191.711+/-210.885 χ^2/NDF : 6.1/5

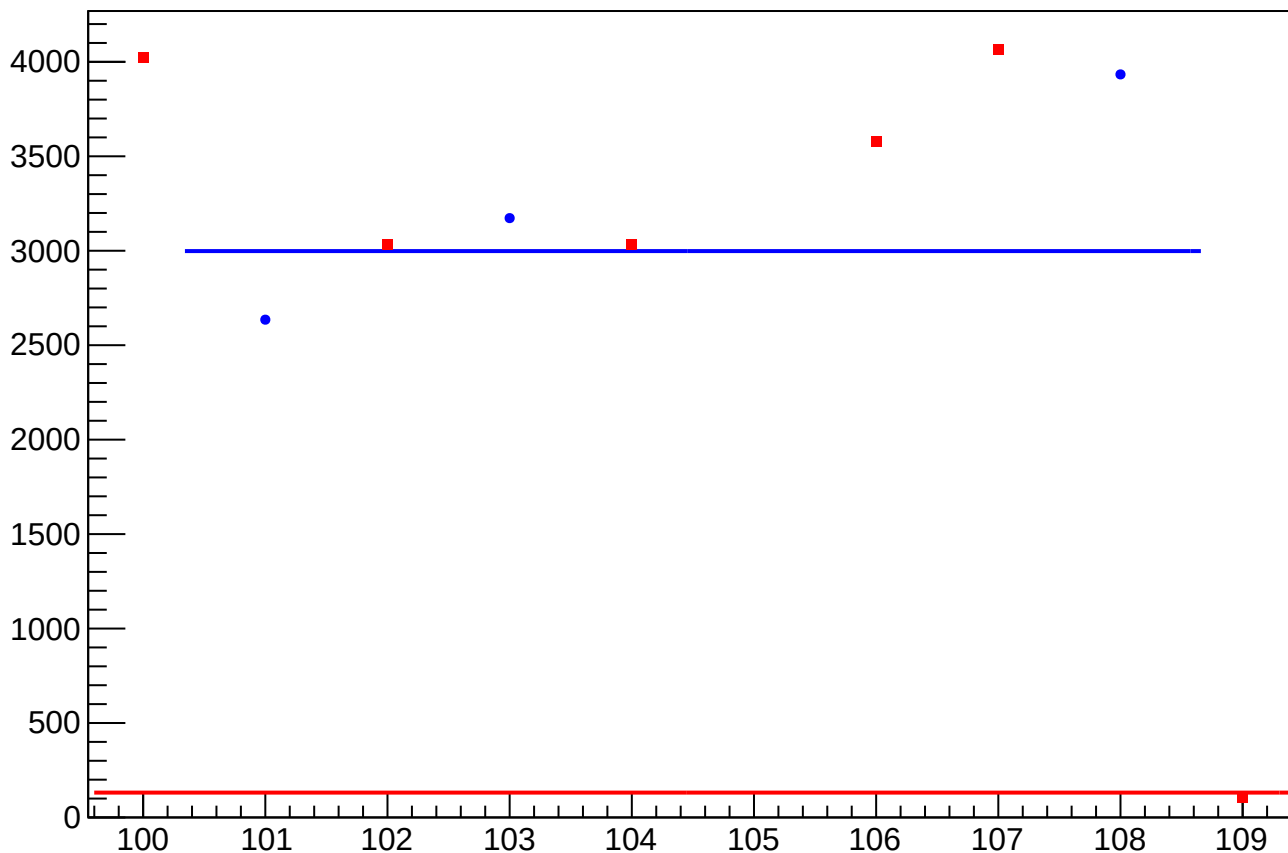
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.201+/-210.046 χ^2/NDF : 10.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 2998.222 $\pm$ 1.667 χ^2 /NDF: 73078.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.576 $\pm$ 0.149 χ^2 /NDF: 3331290.9/5

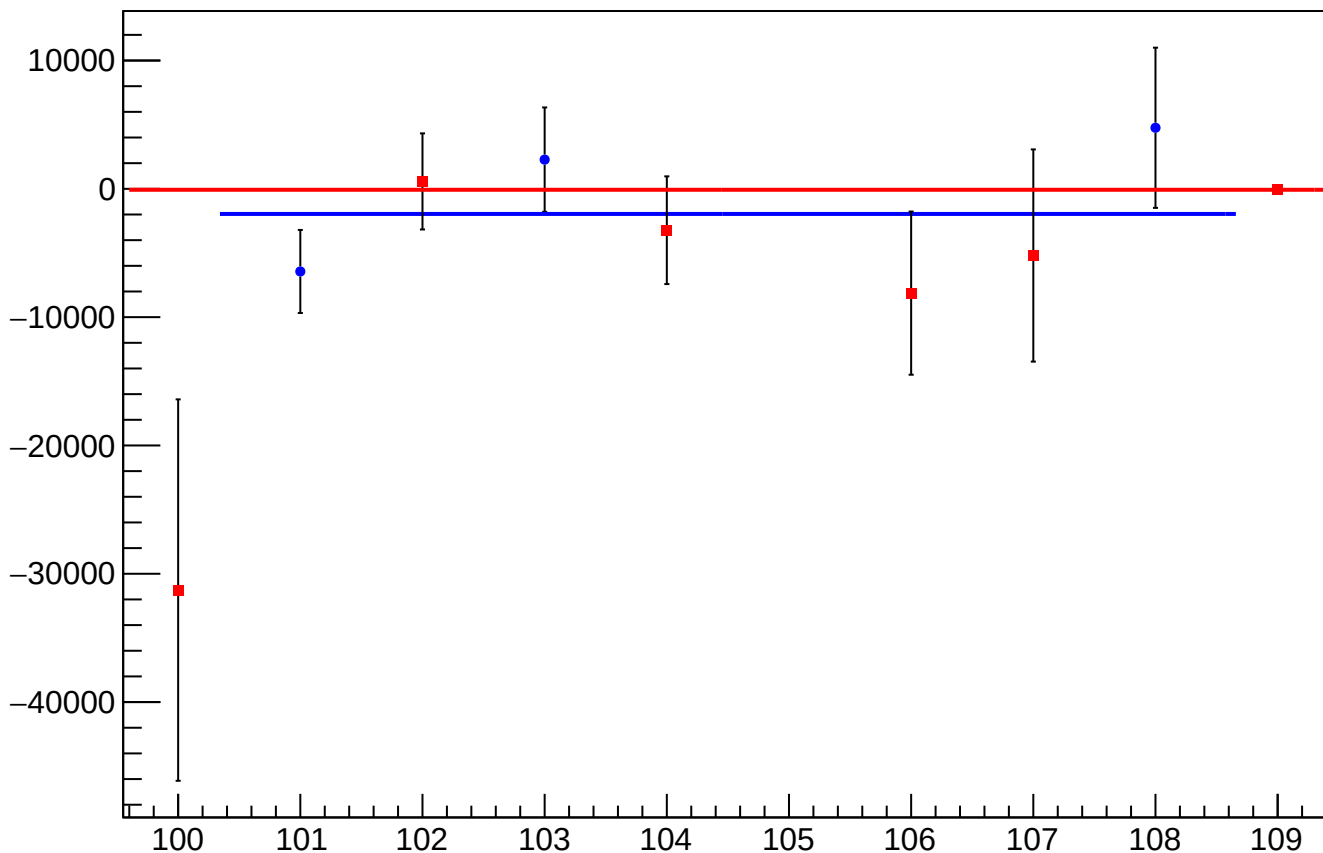
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 154.338 $\pm$ 0.149 χ^2 /NDF: 6338836.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -1956.419+/-2346.196 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.132+/-59.574 χ^2/NDF : 7.0/5

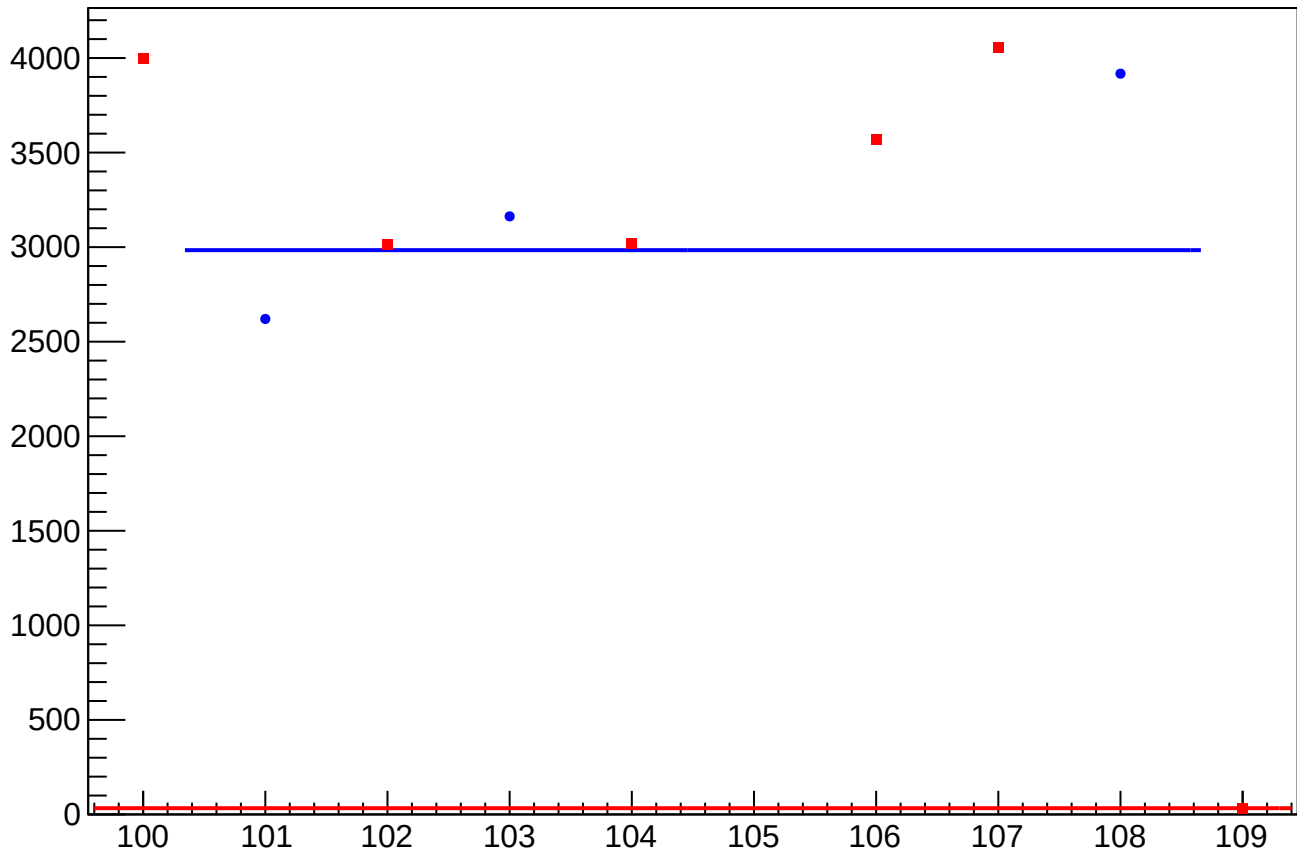
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.345+/-59.555 χ^2/NDF : 11.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 2983.973+/-1.659 χ^2/NDF : 73844.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.078+/-0.042 χ^2/NDF : 3519439.2/5

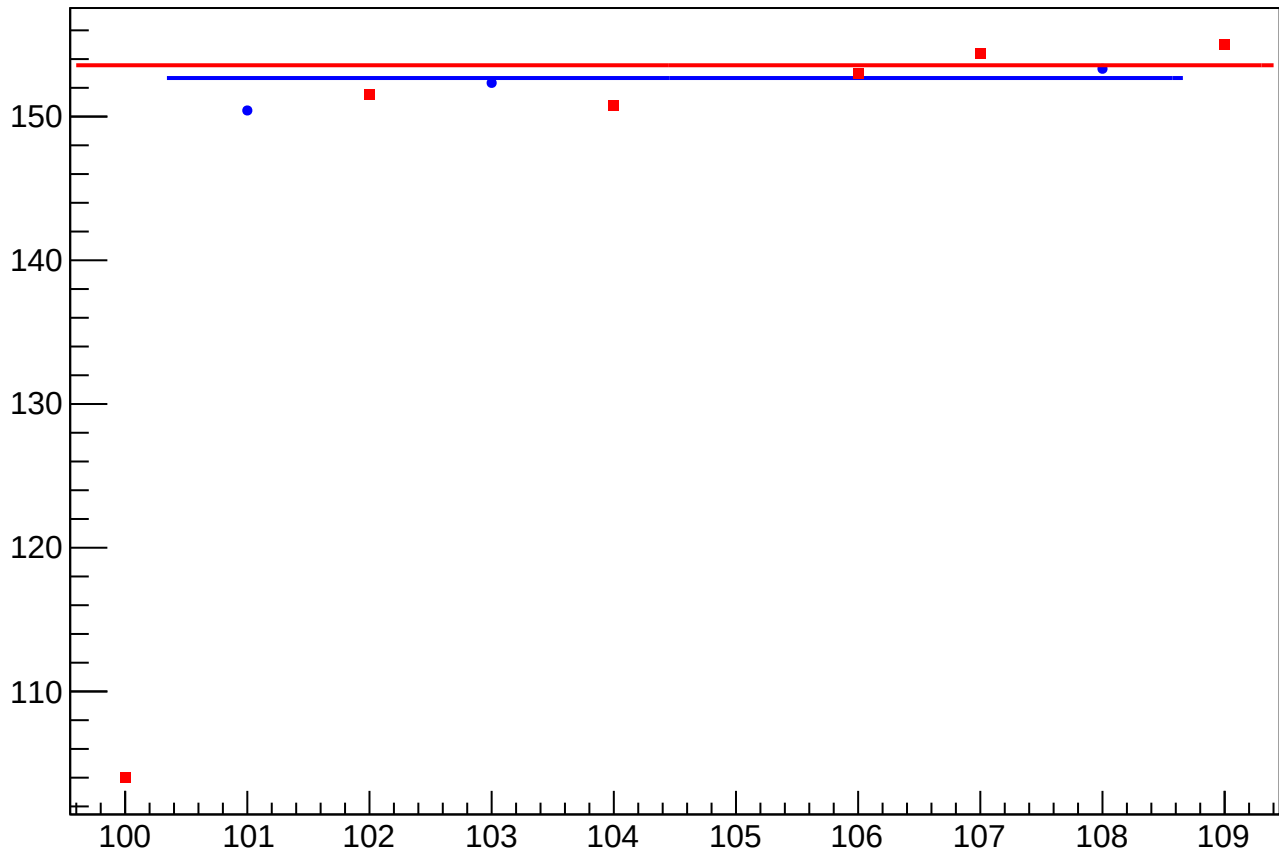
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.979+/-0.042 χ^2/NDF : 6755044.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_mean vs Slug



Right In: 152.682 $\pm$ 0.000 χ^2 /NDF: 5007212.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.570 $\pm$ 0.000 χ^2 /NDF: 240819627.3/5

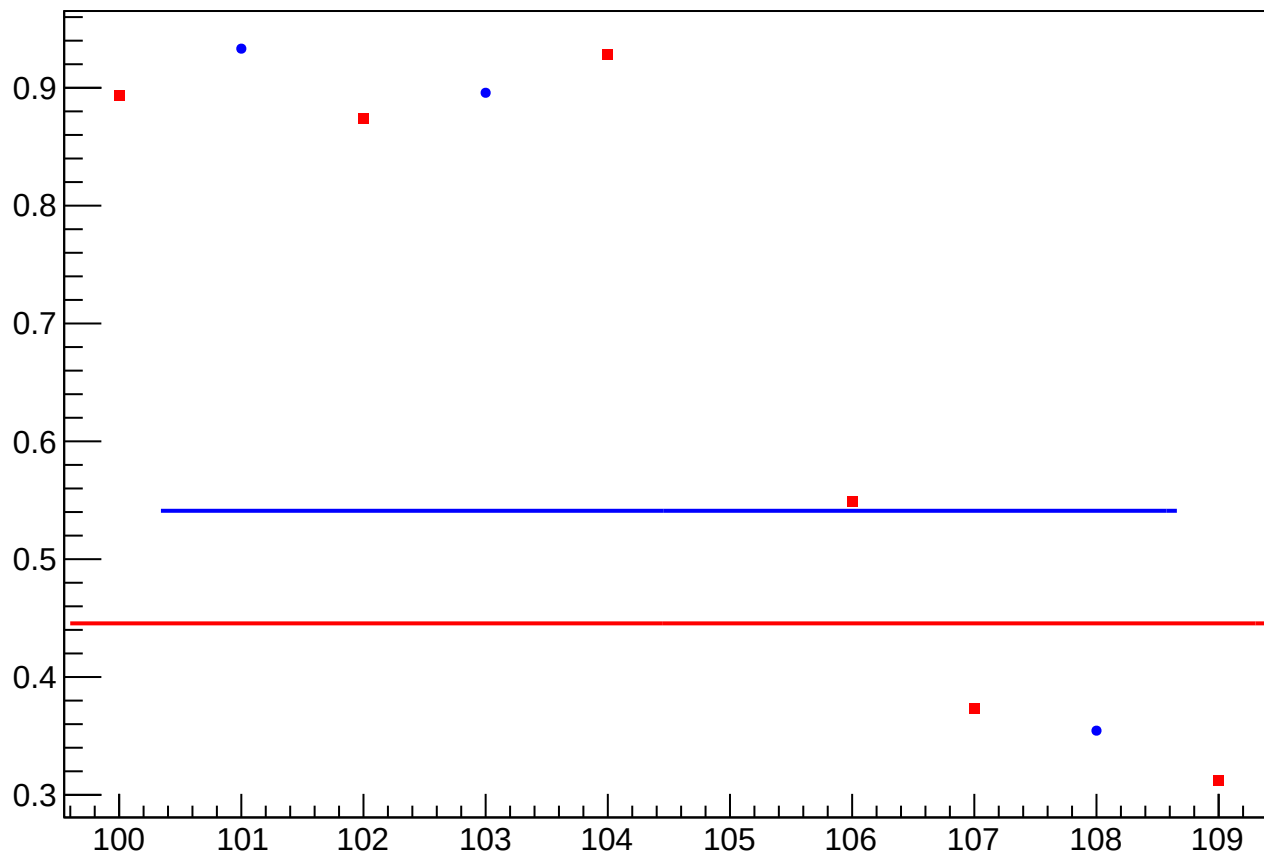
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 153.277 $\pm$ 0.000 χ^2 /NDF: 248150229.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_target_rms vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 613085.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.000 χ^2/NDF : 821197.6/5

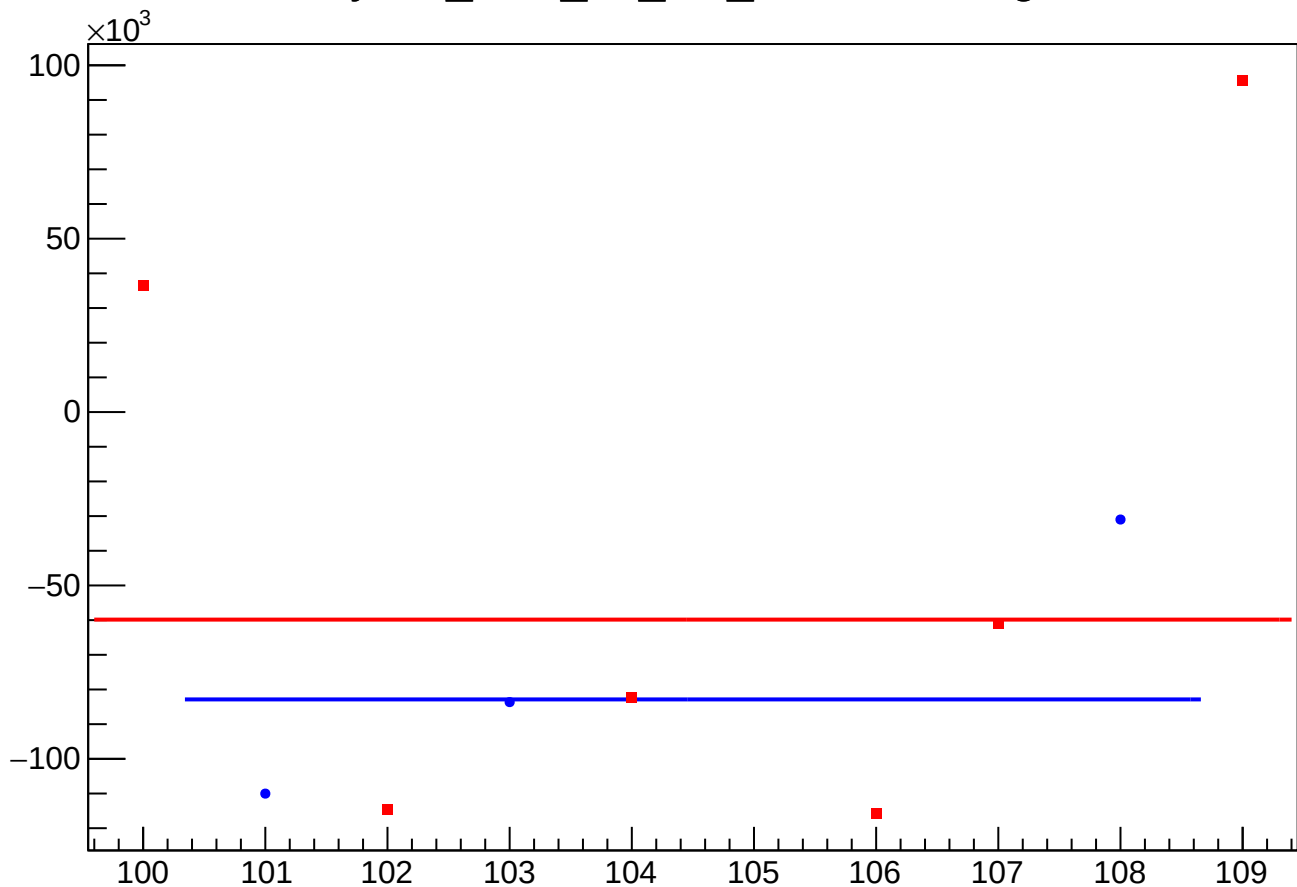
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.477+/-0.000 χ^2/NDF : 1488033.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_mean vs Slug



Right In: -82862.064 $\pm$ 4.385 χ^2 /NDF: 44440054.8/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

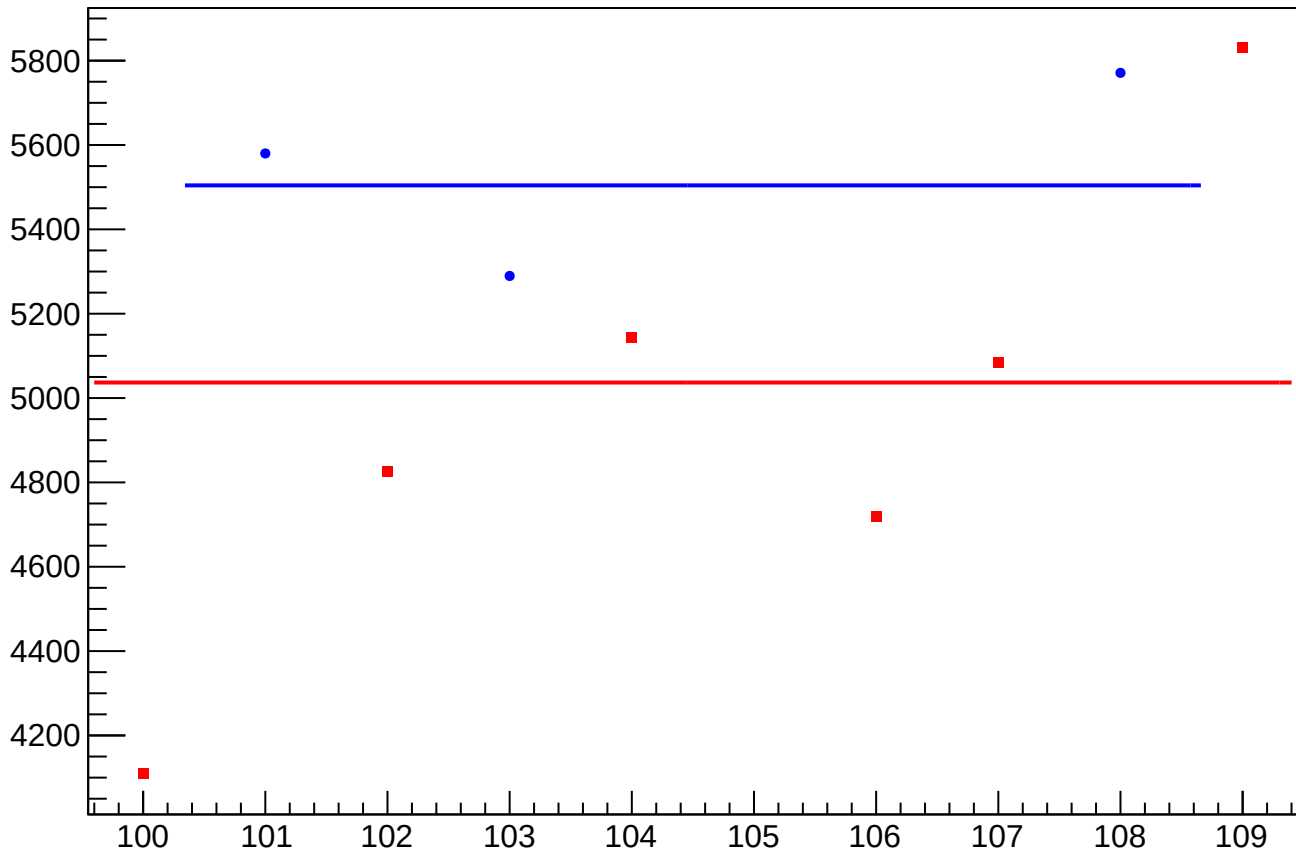
Right Out: -59848.875 $\pm$ 3.378 χ^2 /NDF: 530364030.9/5

All: -68420.339 $\pm$ 2.676 χ^2 /NDF: 592087592

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_diff_rms vs Slug



Right In: 5504.266 $\pm$ 3.101 χ^2 /NDF: 3705.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5036.827 $\pm$ 2.389 χ^2 /NDF: 31687.2/5

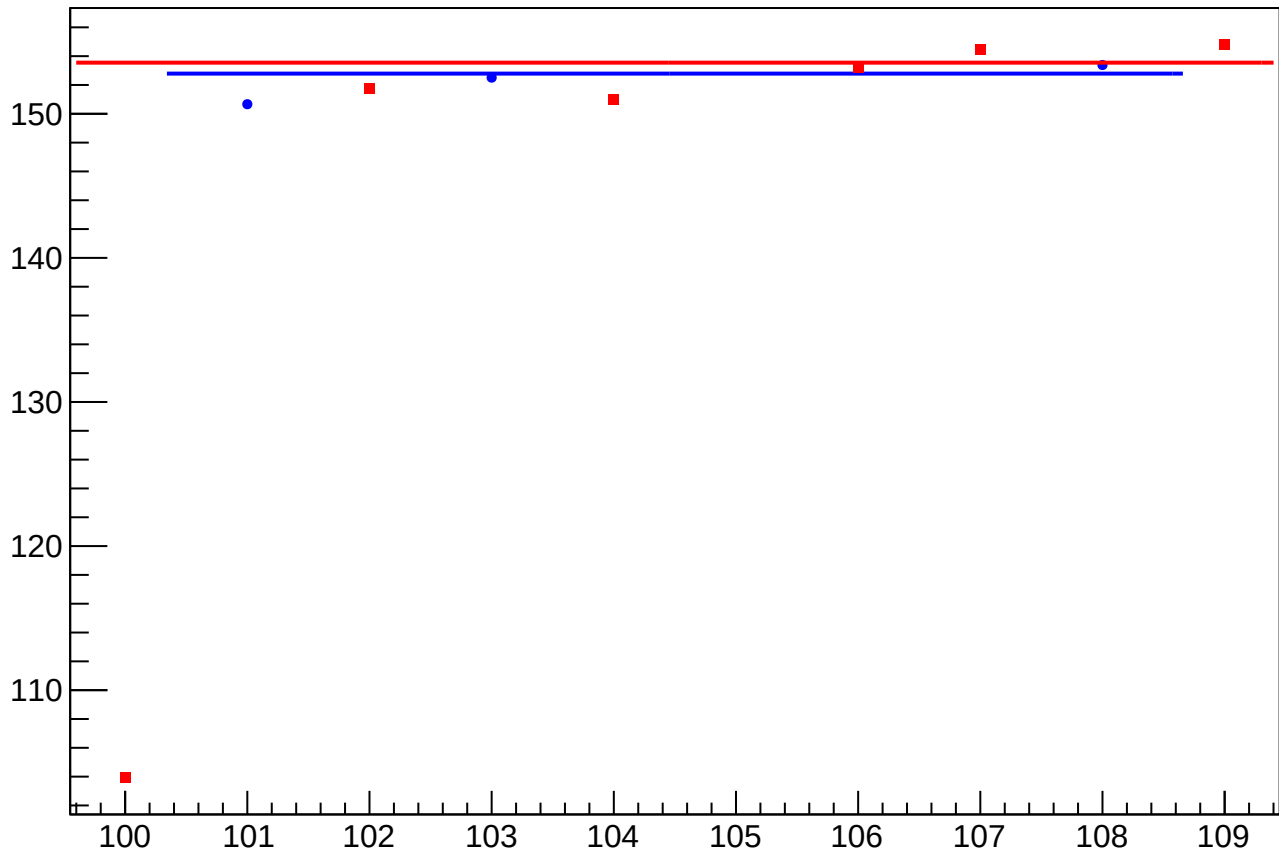
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5210.929 $\pm$ 1.892 χ^2 /NDF: 49654.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_mean vs Slug



Right In: 152.789 $\pm$ 0.000 χ^2 /NDF: 4420757.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

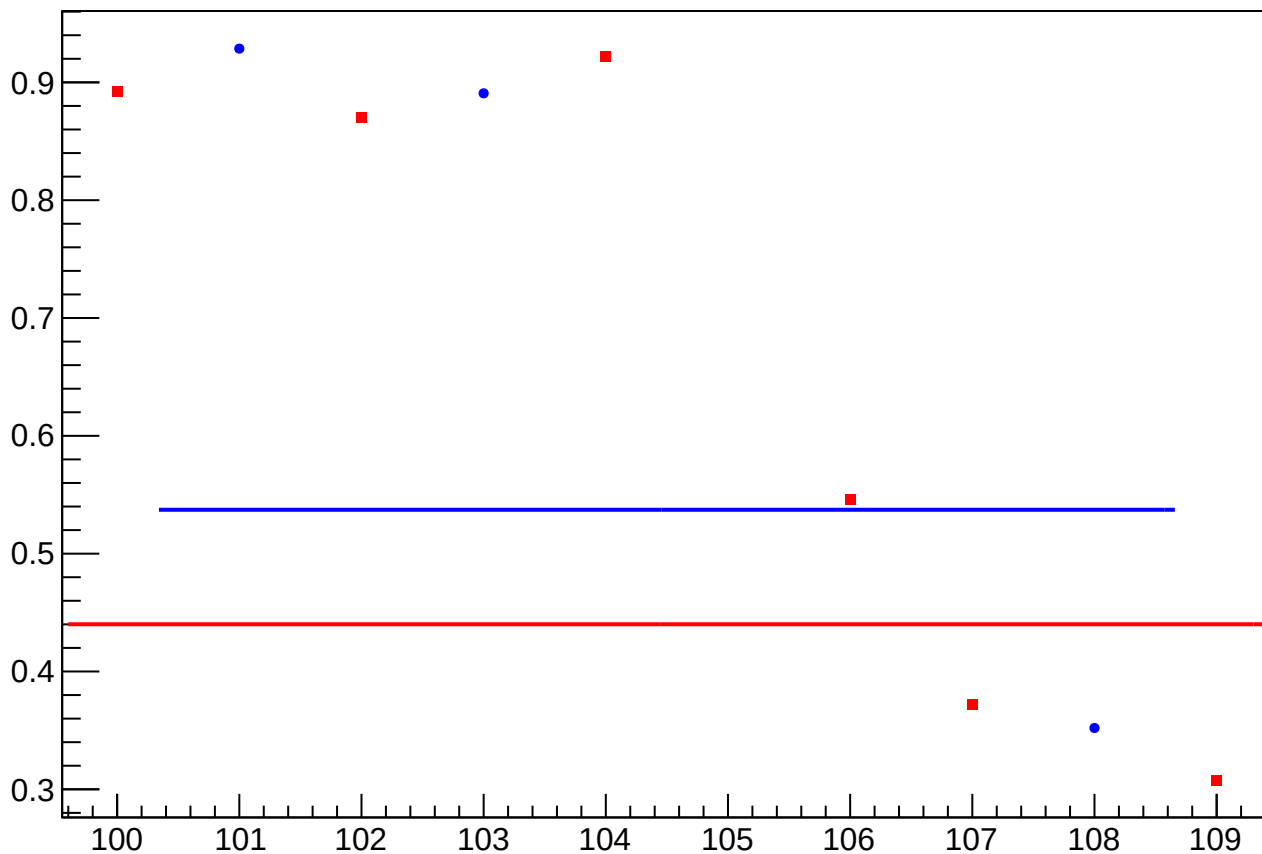
Right Out: 153.549 $\pm$ 0.000 χ^2 /NDF: 238454128.4/5

All: 153.300 $\pm$ 0.000 χ^2 /NDF: 244603614.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_rms vs Slug



Right In: 0.537 $\pm$ 0.000 χ^2 /NDF: 615279.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.440 $\pm$ 0.000 χ^2 /NDF: 832953.8/5

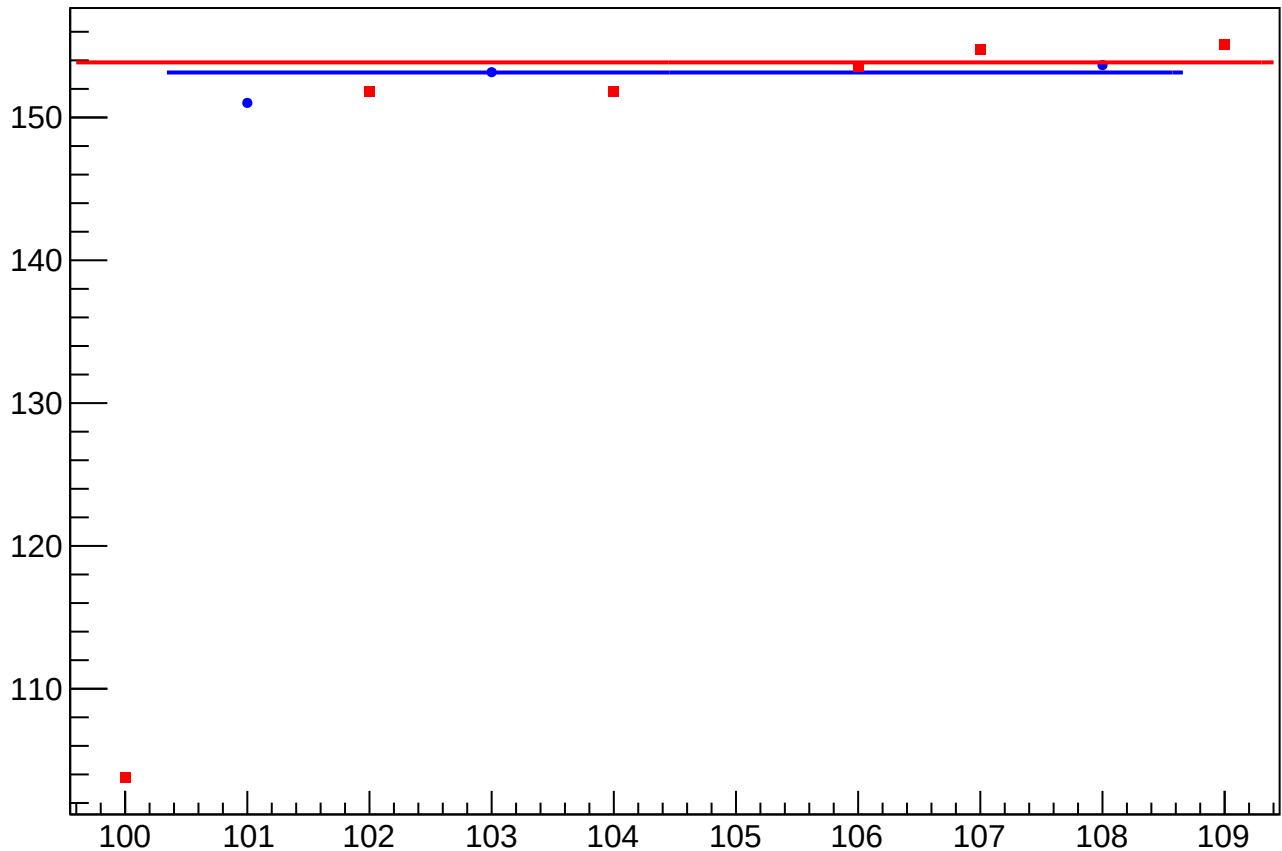
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.472 $\pm$ 0.000 χ^2 /NDF: 1504752.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 153.149 $\pm$ 0.000 χ^2 /NDF: 4054229.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

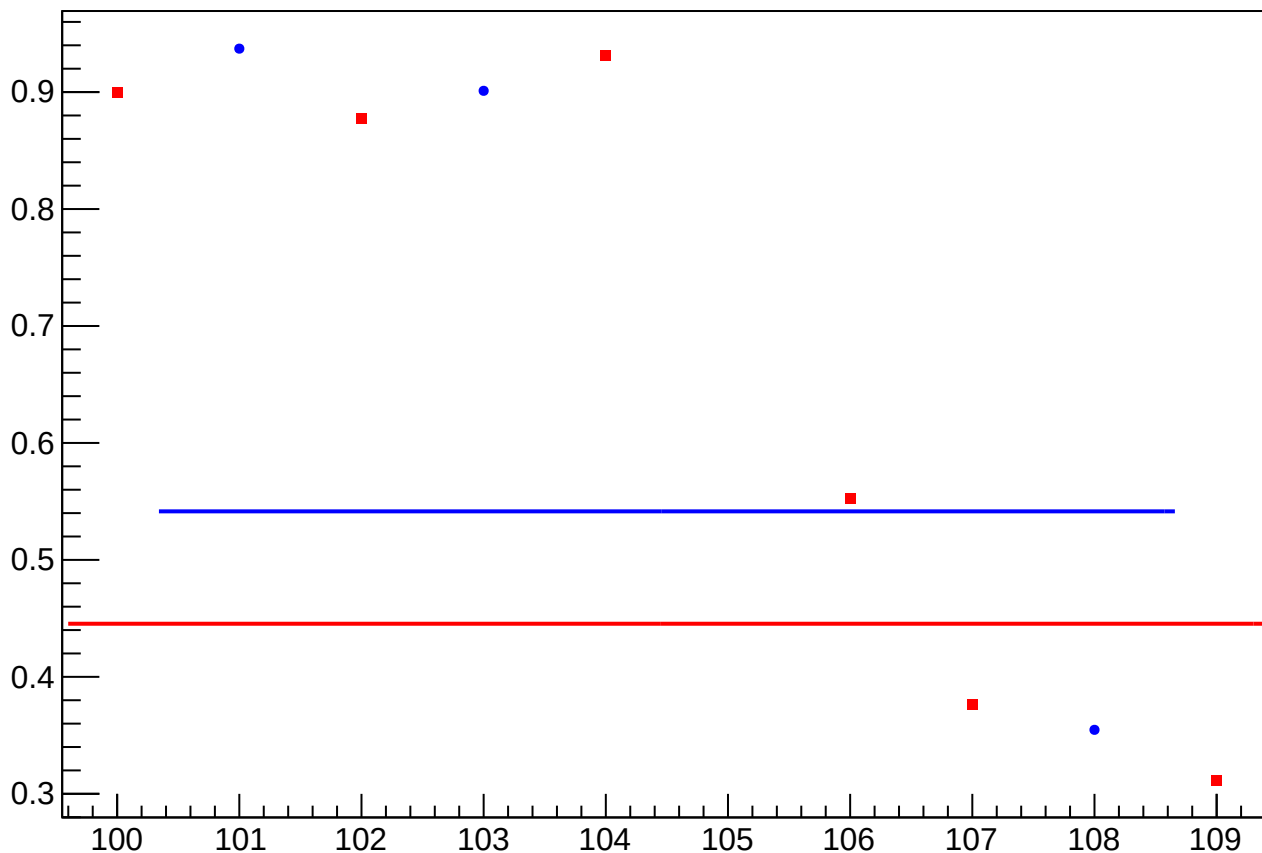
Right Out: 153.858 $\pm$ 0.000 χ^2 /NDF: 237962282.6/5

All: 153.624 $\pm$ 0.000 χ^2 /NDF: 243490556.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.542 $\pm$ 0.000 χ^2 /NDF: 618502.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.445 $\pm$ 0.000 χ^2 /NDF: 828554.7/5

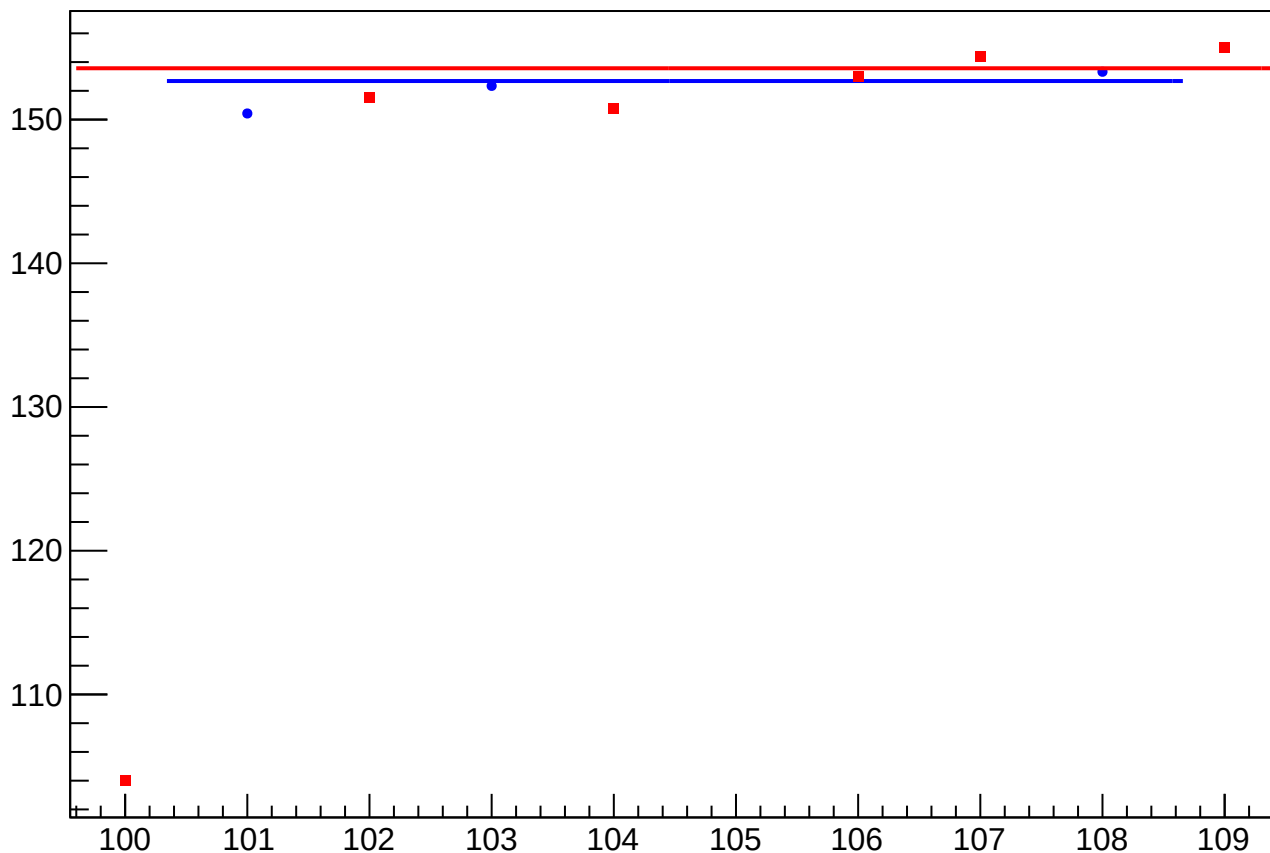
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.477 $\pm$ 0.000 χ^2 /NDF: 1501293.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_us_mean vs Slug



Right In: 152.682 $\pm$ 0.000 χ^2 /NDF: 5007212.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

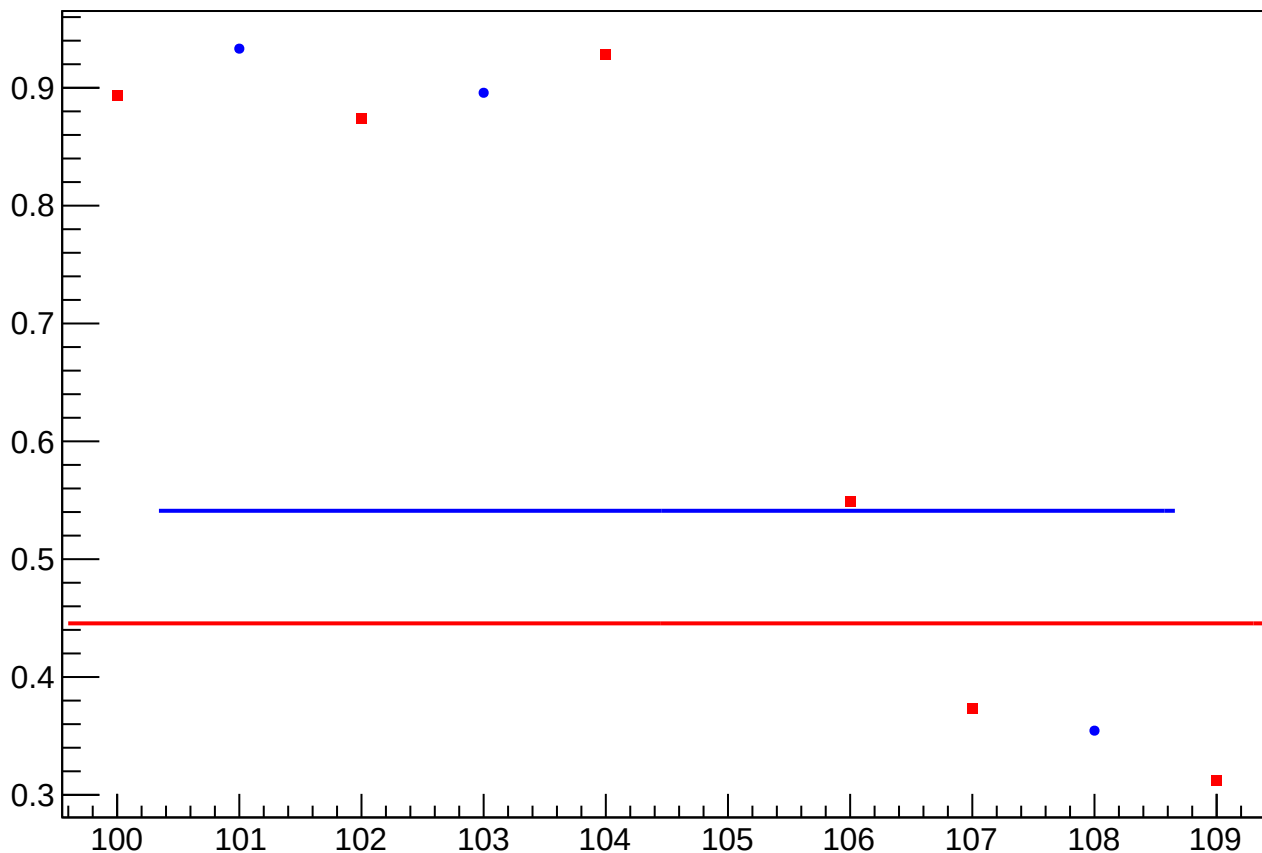
Right Out: 153.570 $\pm$ 0.000 χ^2 /NDF: 240819627.3/5

All: 153.277 $\pm$ 0.000 χ^2 /NDF: 248150229.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_us_rms vs Slug



Right In: 0.541+/-0.000 χ^2/NDF : 613085.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.000 χ^2/NDF : 821197.6/5

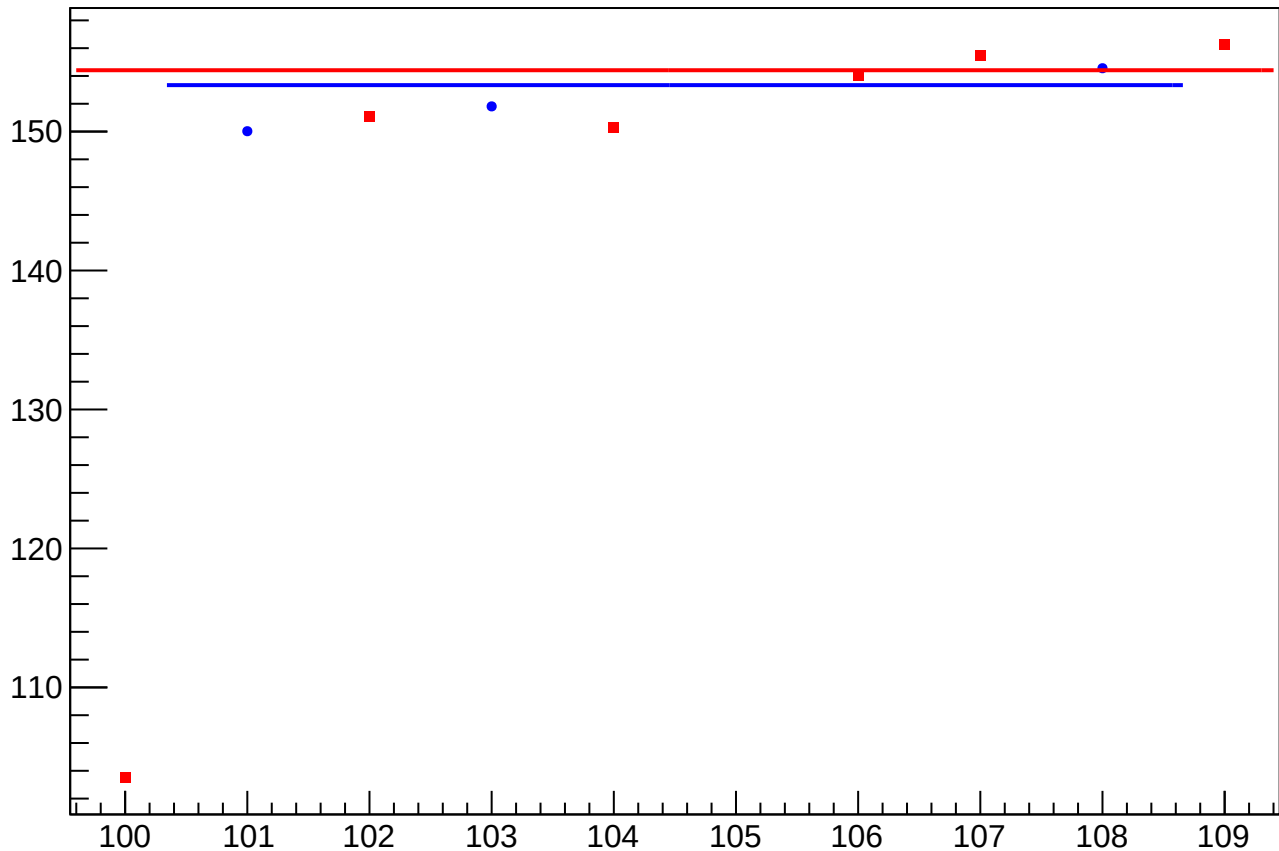
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.477+/-0.000 χ^2/NDF : 1488033.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 153.341+/-0.000 χ^2/NDF : 13838565.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.412+/-0.000 χ^2/NDF : 267165828.0/5

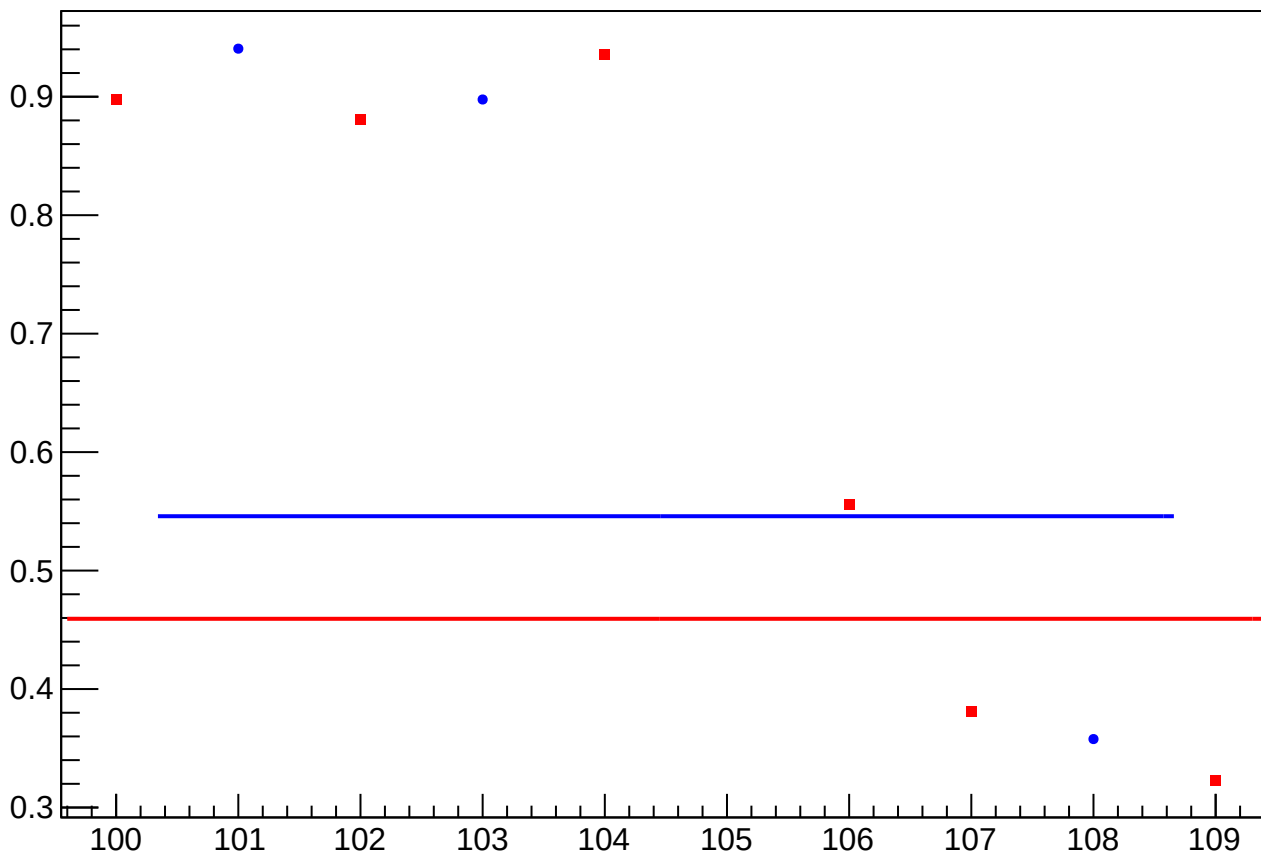
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.050+/-0.000 χ^2/NDF : 284291947.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_rms vs Slug



Right In: 0.546 $\pm$ 0.000 χ^2 /NDF: 608168.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.459 $\pm$ 0.000 χ^2 /NDF: 788285.7/5

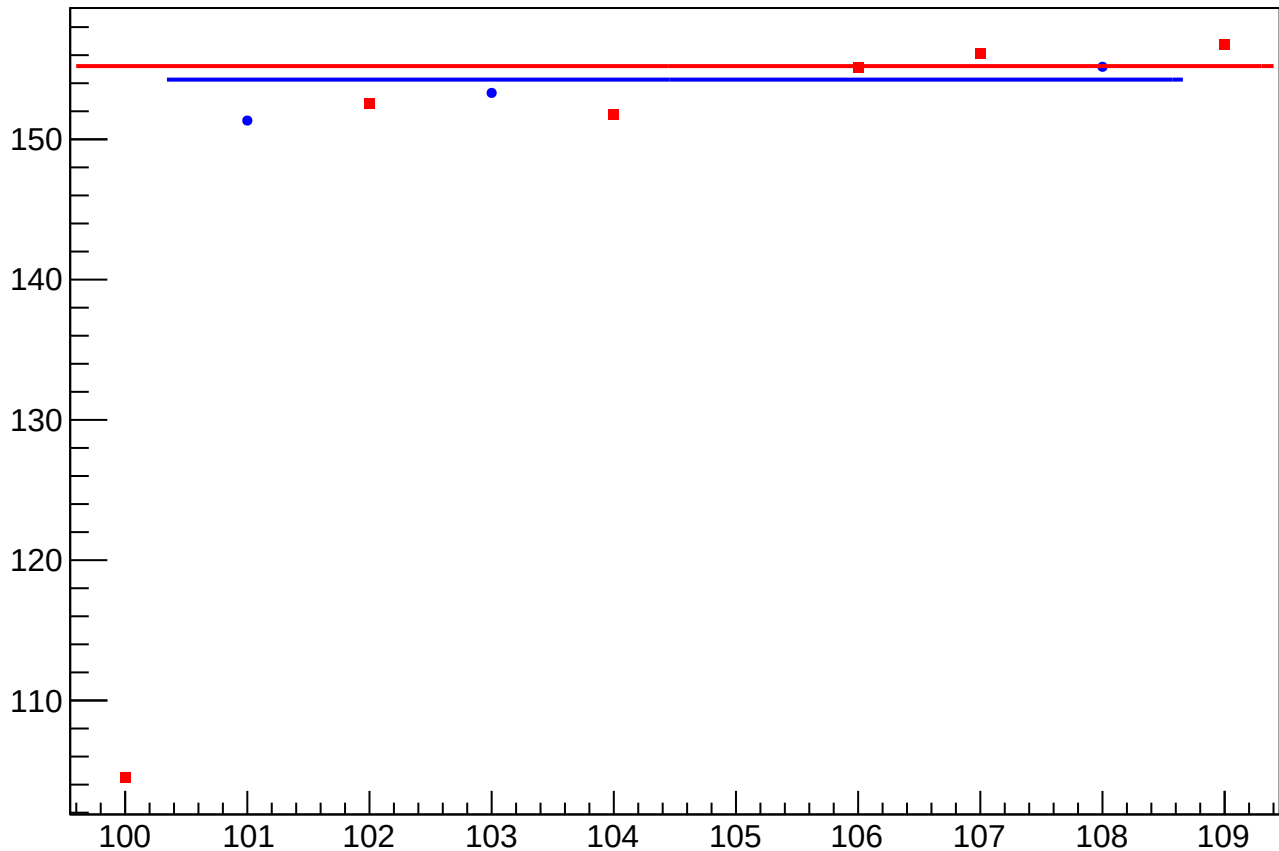
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.489 $\pm$ 0.000 χ^2 /NDF: 1439365.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 154.258 $\pm$ 0.000 χ^2 /NDF: 9019336.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

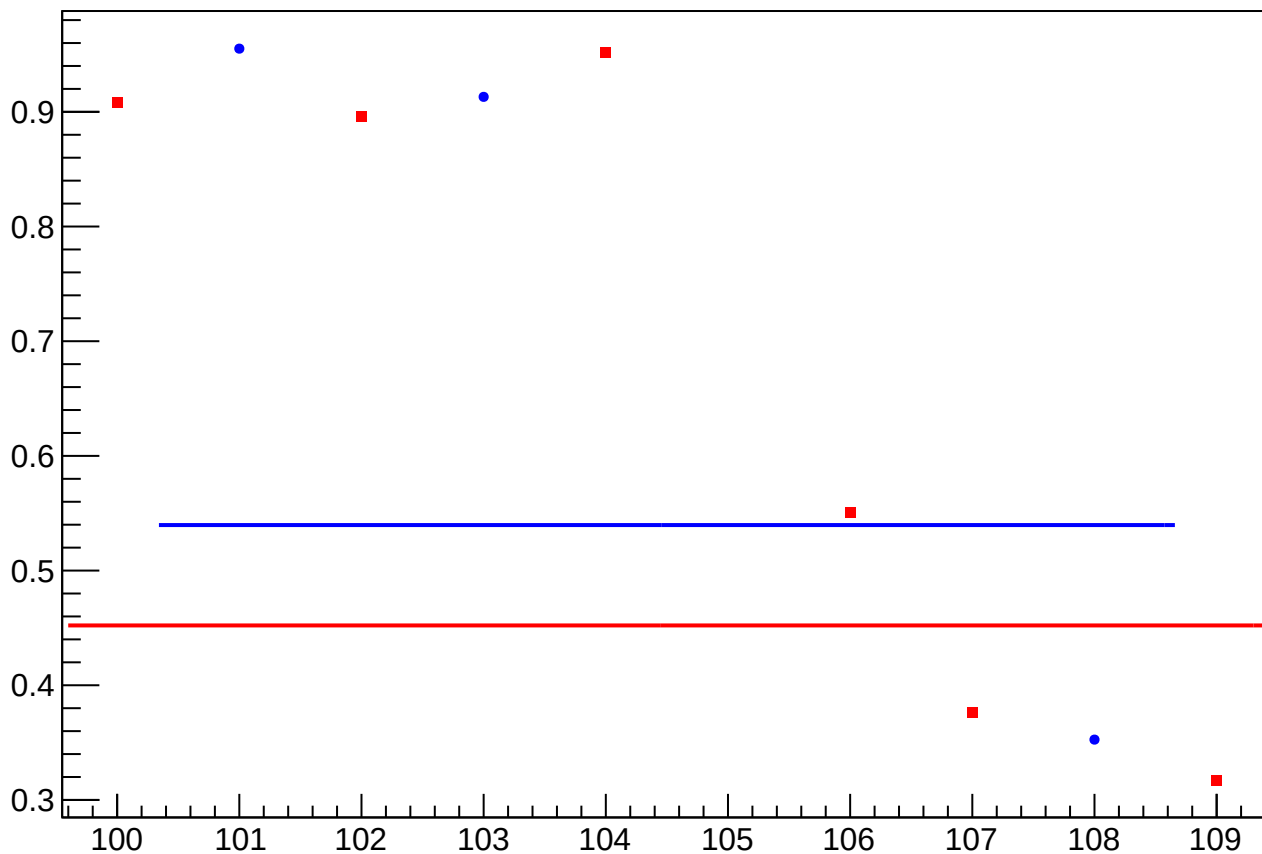
Right Out: 155.221 $\pm$ 0.000 χ^2 /NDF: 249130261.7/5

All: 154.897 $\pm$ 0.000 χ^2 /NDF: 260835920.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_rms vs Slug



Right In: 0.540 $\pm$ 0.000 χ^2 /NDF: 644466.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.452 $\pm$ 0.000 χ^2 /NDF: 830050.7/5

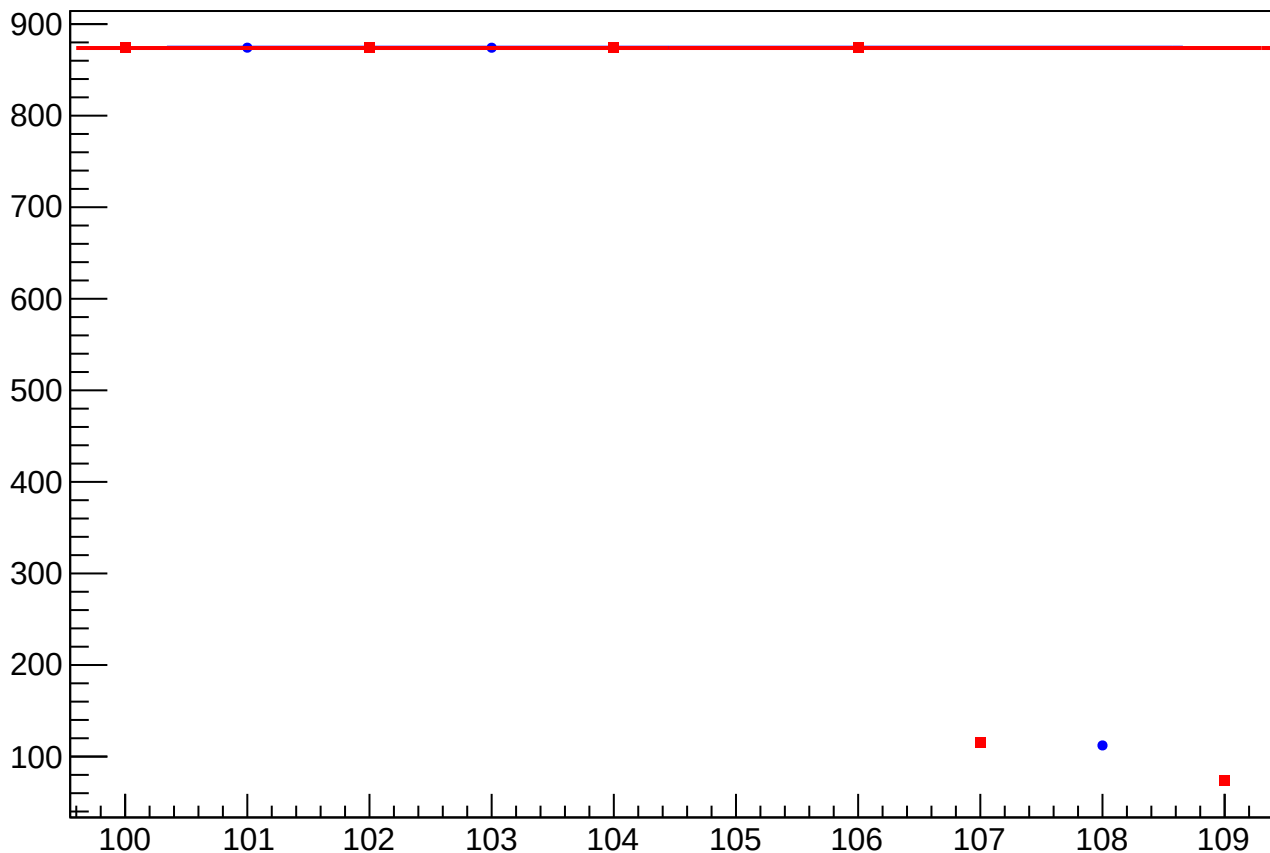
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.482 $\pm$ 0.000 χ^2 /NDF: 1518870.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_mean vs Slug



Right In: 874.202 $\pm$ 0.000 χ^2 /NDF: 128913909339.9/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

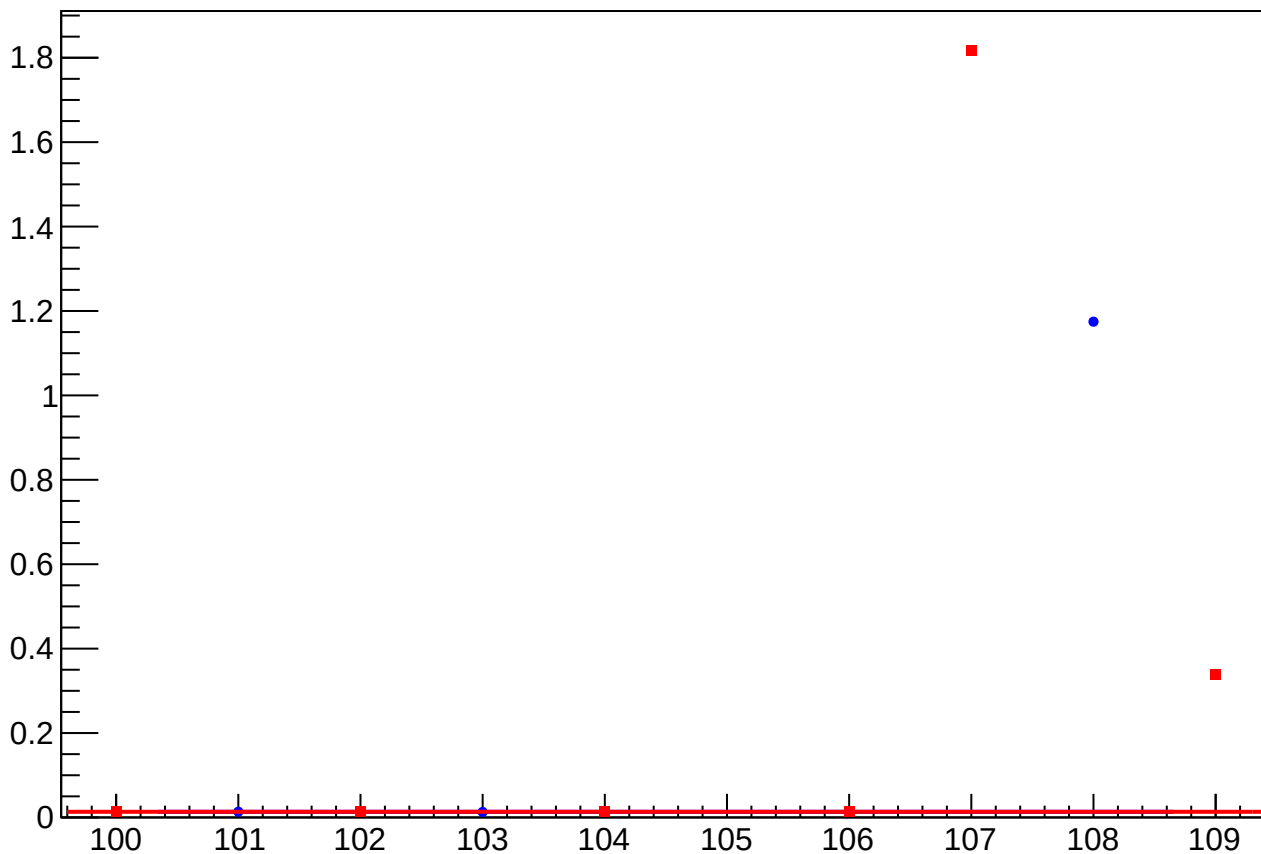
Right Out: 873.880 $\pm$ 0.000 χ^2 /NDF: 2023866450420.7/5

All: 874.029 $\pm$ 0.000 χ^2 /NDF: 215317496582

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 599986.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 938667.2/5

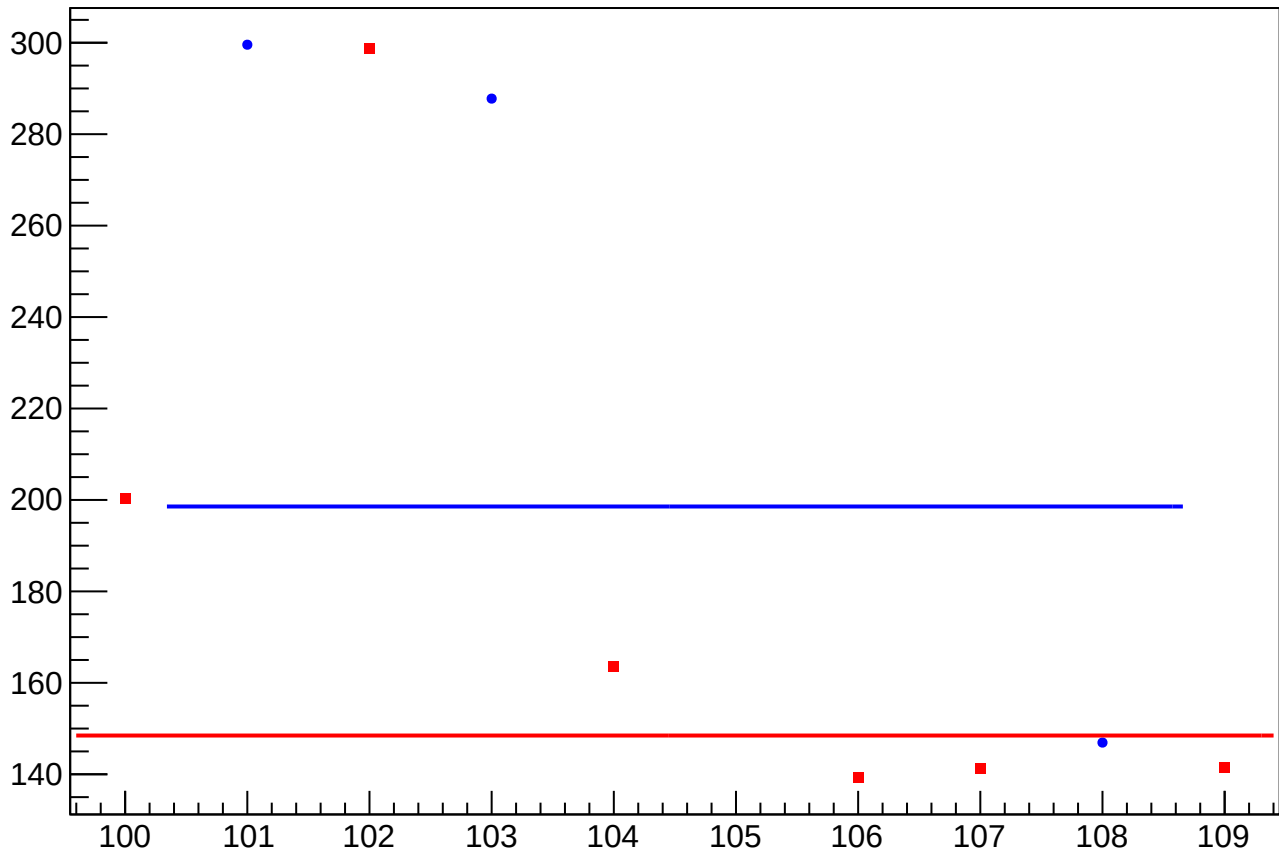
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 1538677.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 198.569 $\pm$ 0.004 χ^2 /NDF: 367093443.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

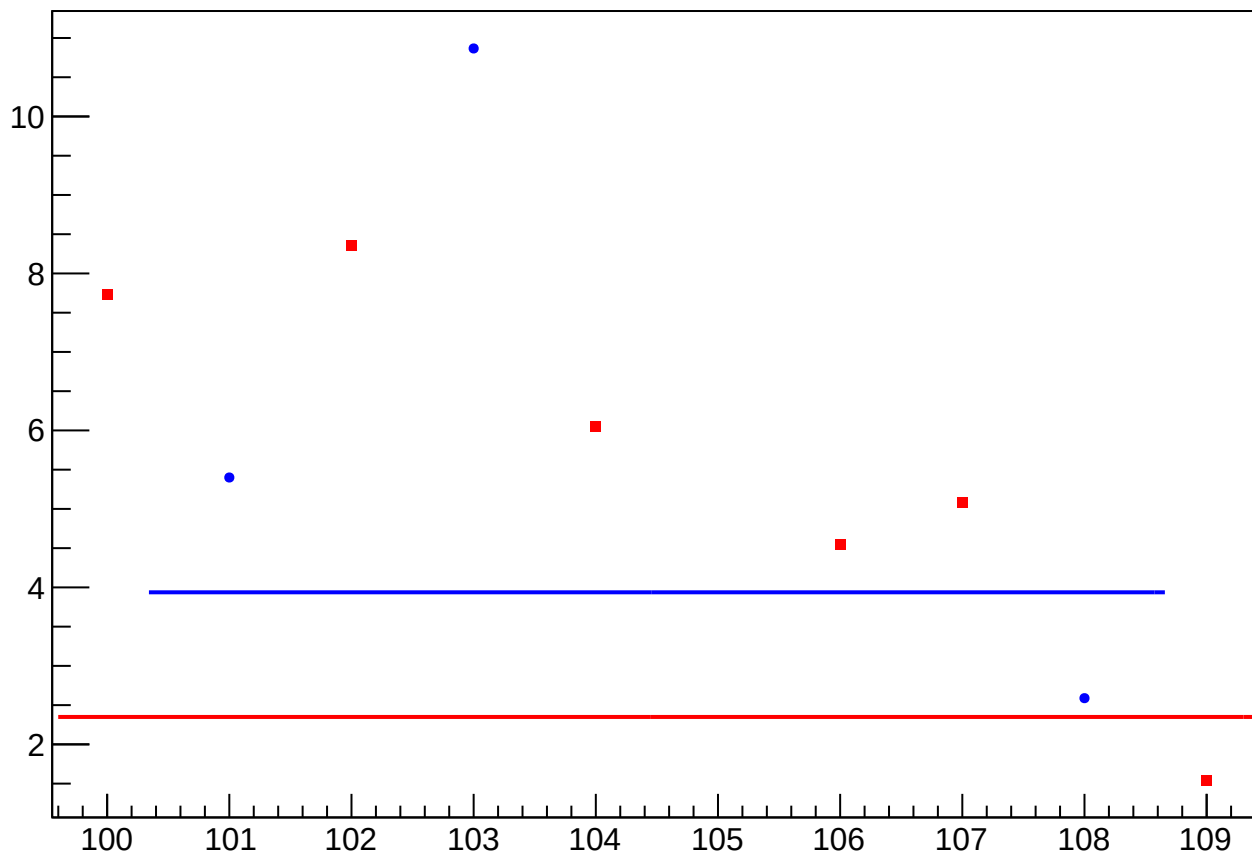
Right Out: 148.475 $\pm$ 0.002 χ^2 /NDF: 205238272.7/5

All: 160.315 $\pm$ 0.002 χ^2 /NDF: 710282440.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cQ_rms vs Slug



Right In: 3.937 $\pm$ 0.003 χ^2 /NDF: 739789.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.349 $\pm$ 0.001 χ^2 /NDF: 1512722.1/5

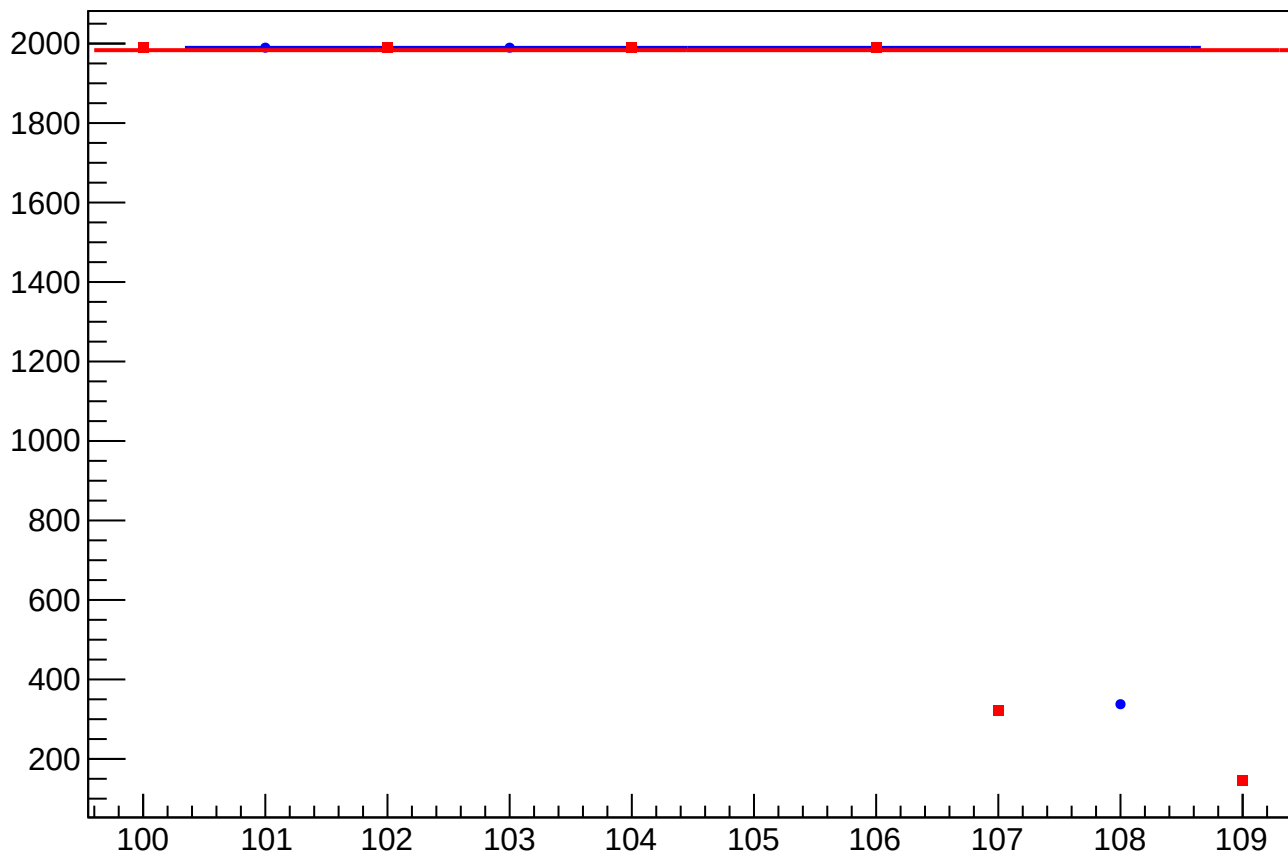
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.725 $\pm$ 0.001 χ^2 /NDF: 2529790.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dQ_mean vs Slug



Right In: 1989.158+/-0.000 χ^2/NDF : 436802880216.1/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

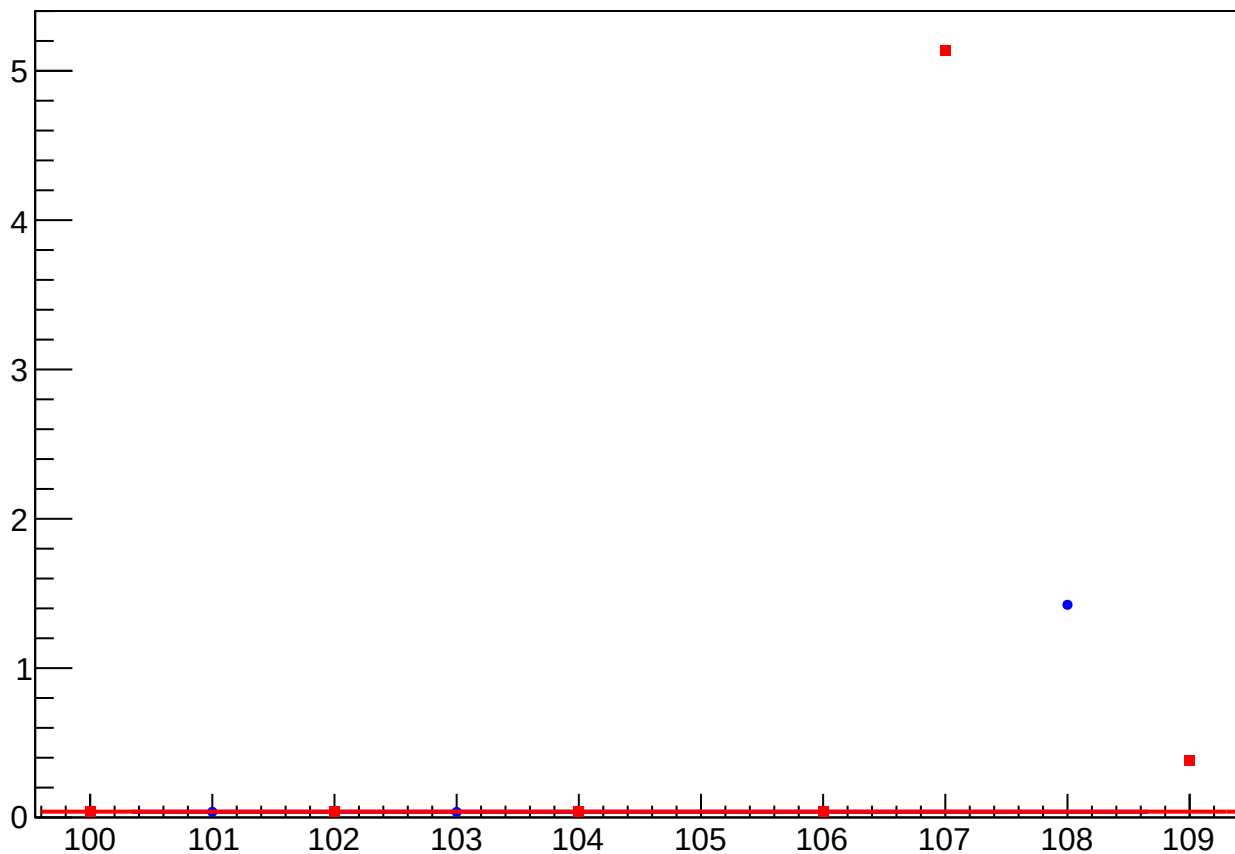
All: 1986.025+/-0.000 χ^2/NDF : 7589240719

Right Out: 1983.391+/-0.000 χ^2/NDF : 7142962687234.8/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_rms vs Slug



Right In: 0.038+/-0.000 χ^2/NDF : 615510.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.039+/-0.000 χ^2/NDF : 835104.3/5

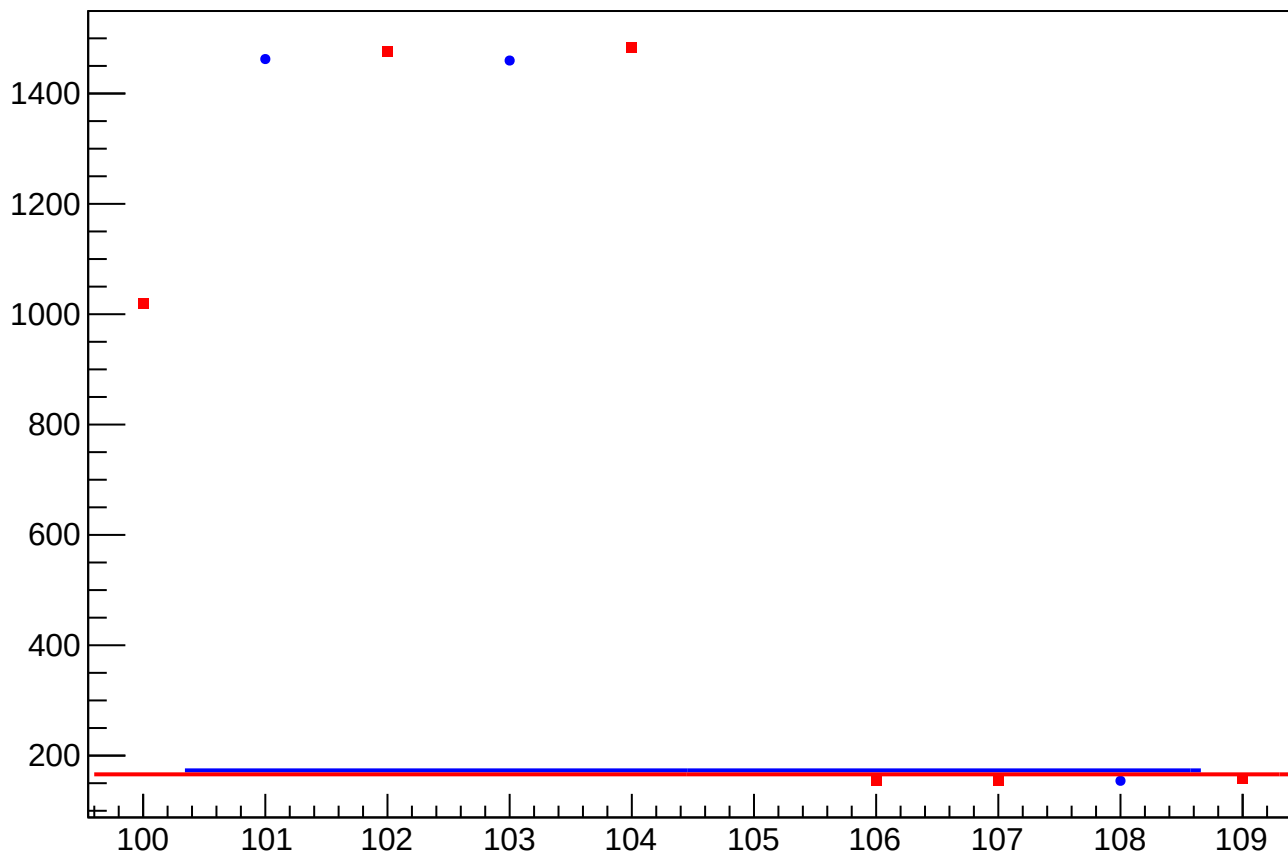
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.038+/-0.000 χ^2/NDF : 1450999.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_mean vs Slug



Right In: 173.233+/-0.001 χ^2/NDF : 14156136163.9/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

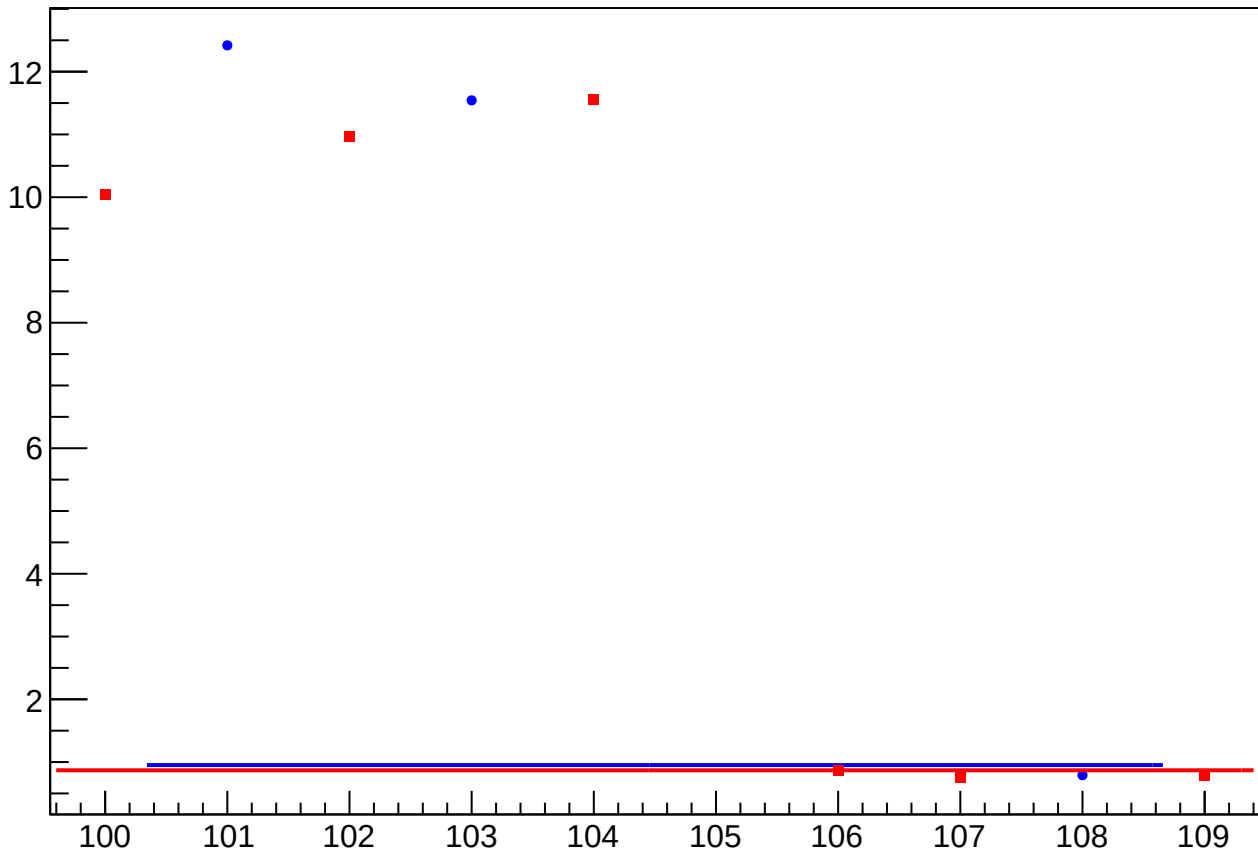
All: 168.234+/-0.001 χ^2/NDF : 29932039070.4

Right Out: 166.047+/-0.001 χ^2/NDF : 15754995671.8/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug



Right In: 0.952 ± 0.001 χ^2/NDF : 2073222.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.869 ± 0.001 χ^2/NDF : 2019501.6/5

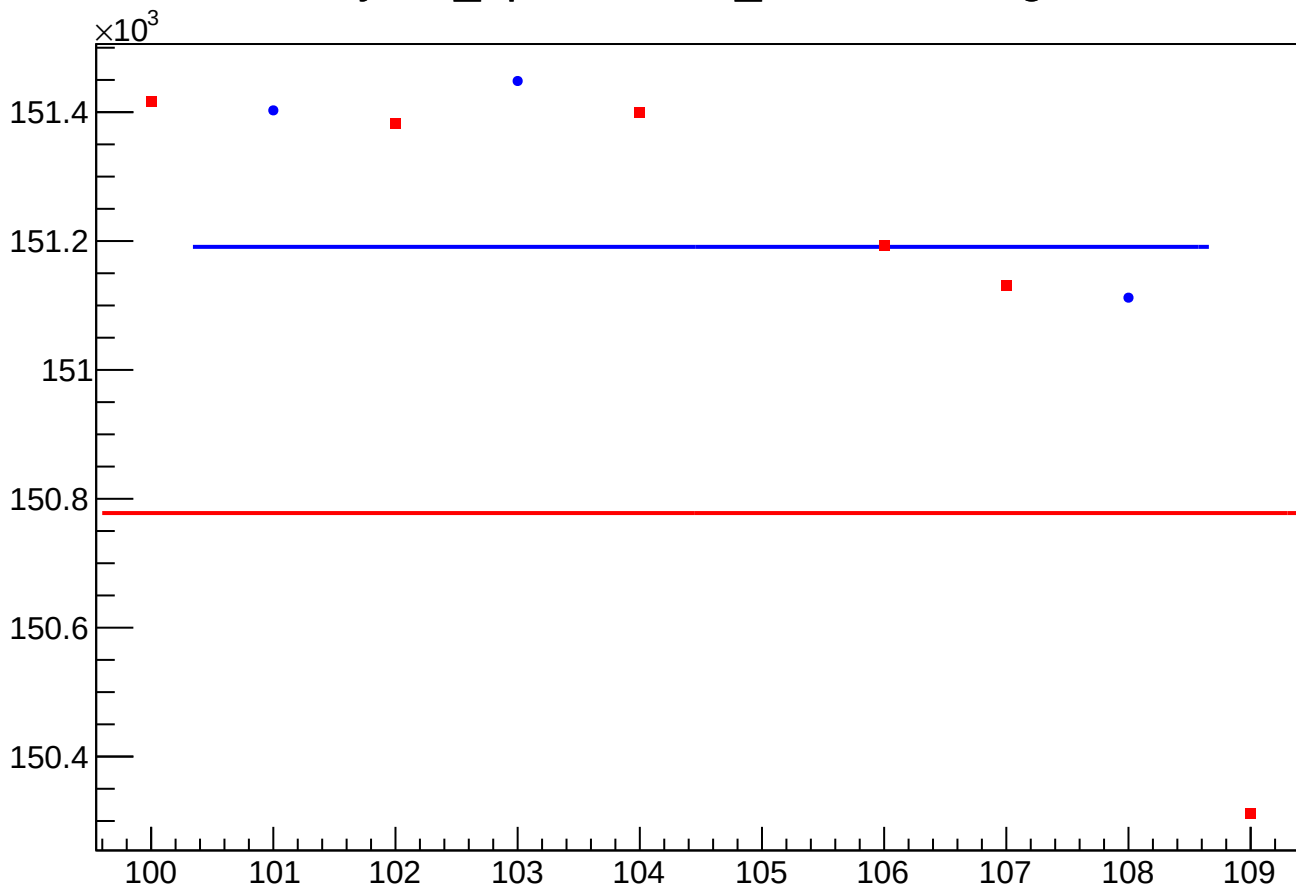
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.894 ± 0.001 χ^2/NDF : 4098300.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 151190.975 $\pm$ 0.172 χ^2 /NDF: 626099.6/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

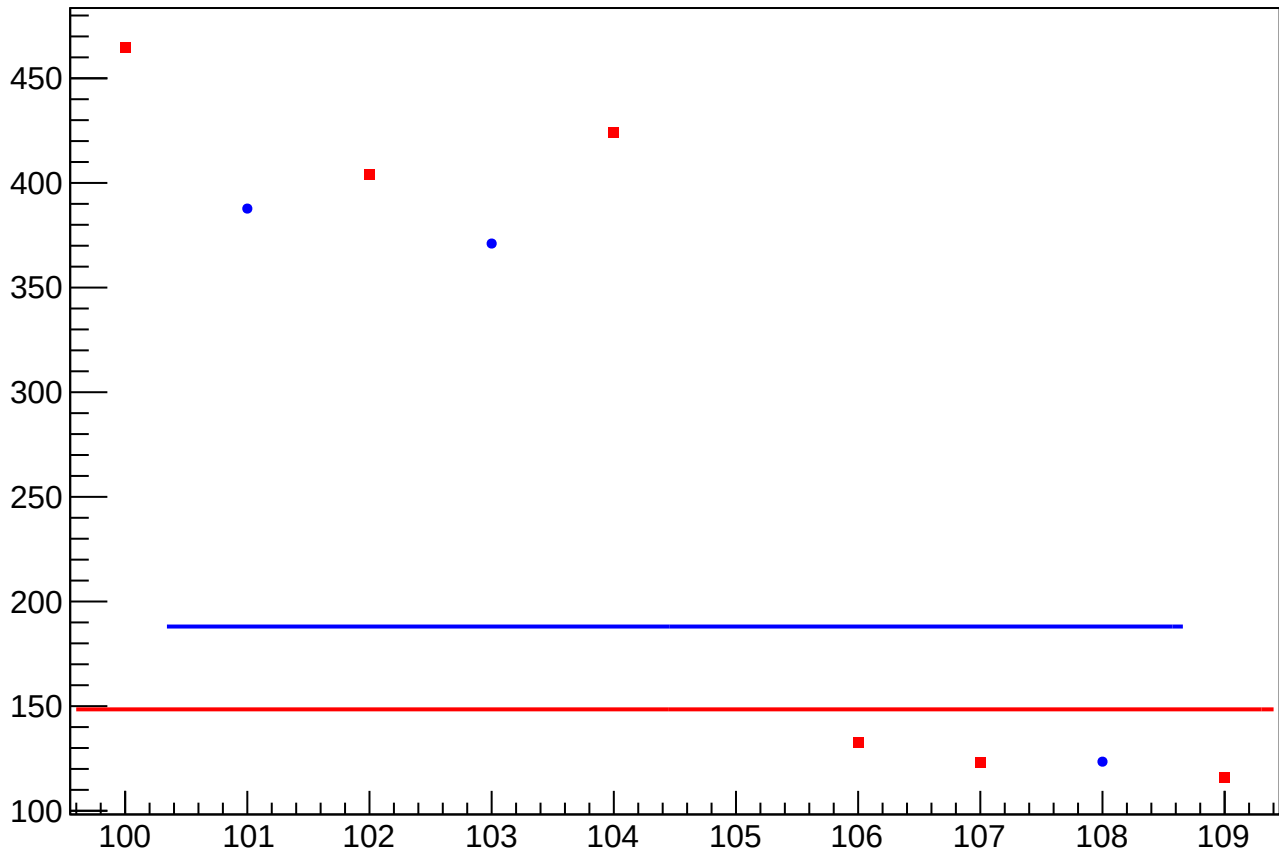
All: 150901.752 $\pm$ 0.094 χ^2 /NDF: 20626756.

Right Out: 150777.864 $\pm$ 0.113 χ^2 /NDF: 15974600.8/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 188.041+/-0.122 χ^2/NDF : 834839.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.465+/-0.080 χ^2/NDF : 1132208.9/5

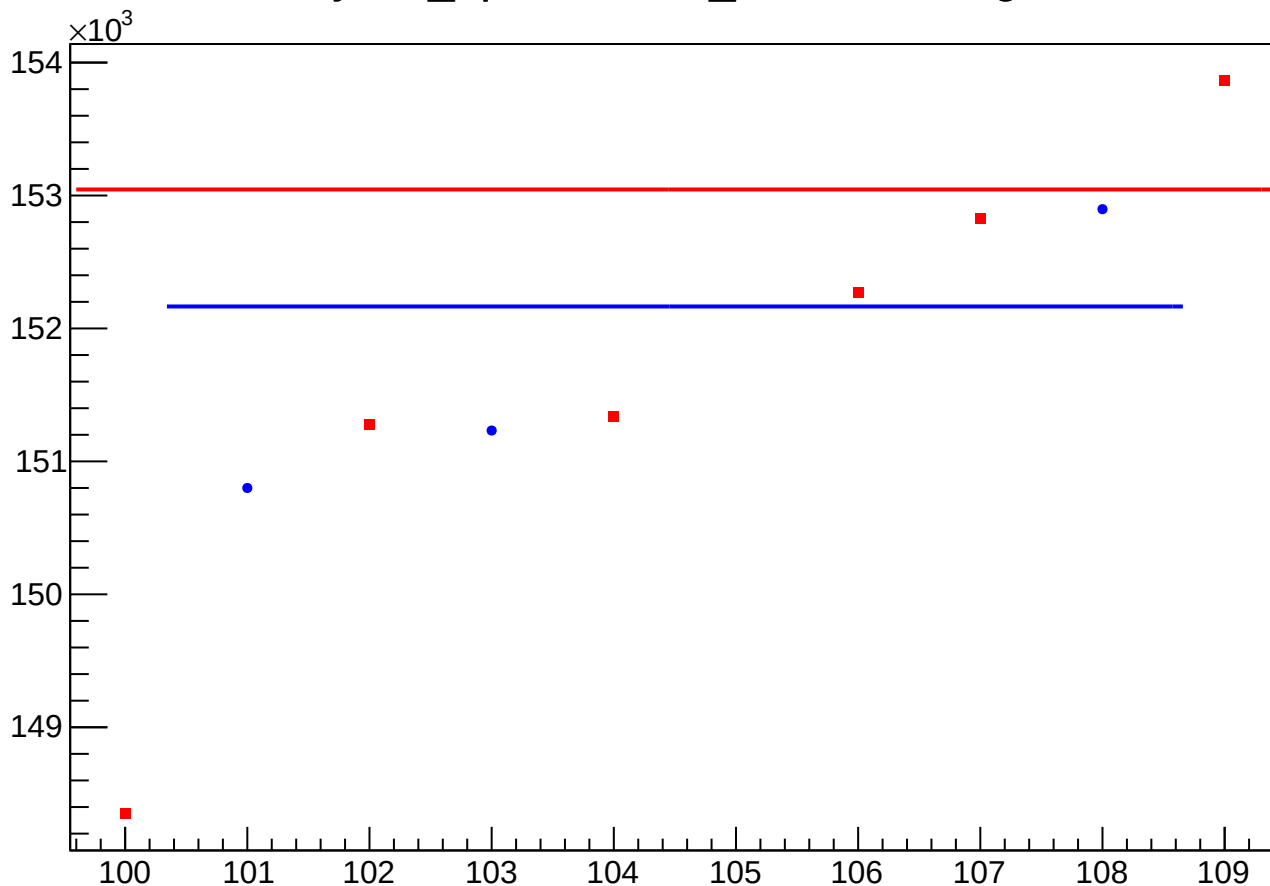
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 160.333+/-0.067 χ^2/NDF : 2040946.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 152165.288 $\pm$ 0.210 χ^2 /NDF: 19691387.0/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

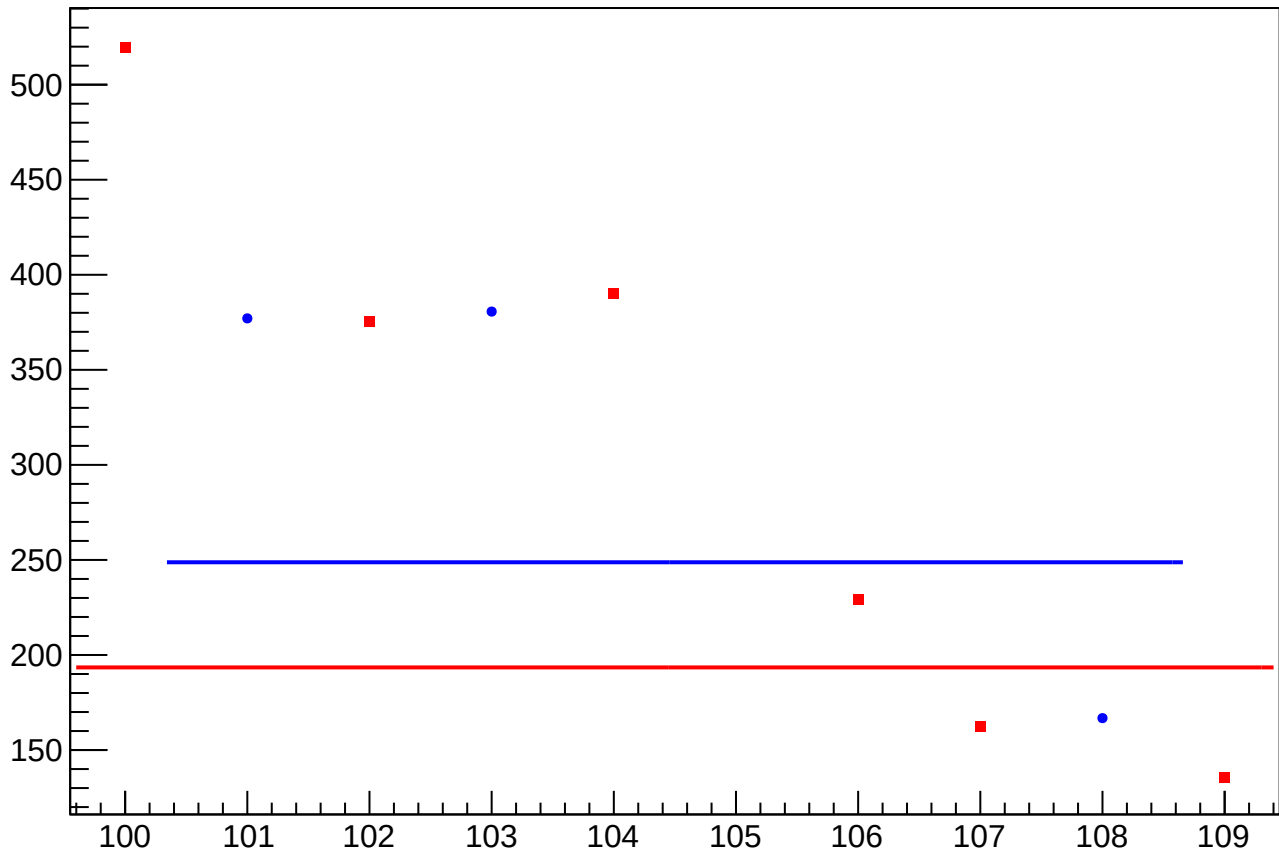
Right Out: 153045.359 $\pm$ 0.144 χ^2 /NDF: 50783678.5/5

All: 152762.514 $\pm$ 0.119 χ^2 /NDF: 82409502.0/10

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 248.772 $\pm$ 0.148 χ^2 /NDF: 484060.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 193.464 $\pm$ 0.102 χ^2 /NDF: 826359.7/5

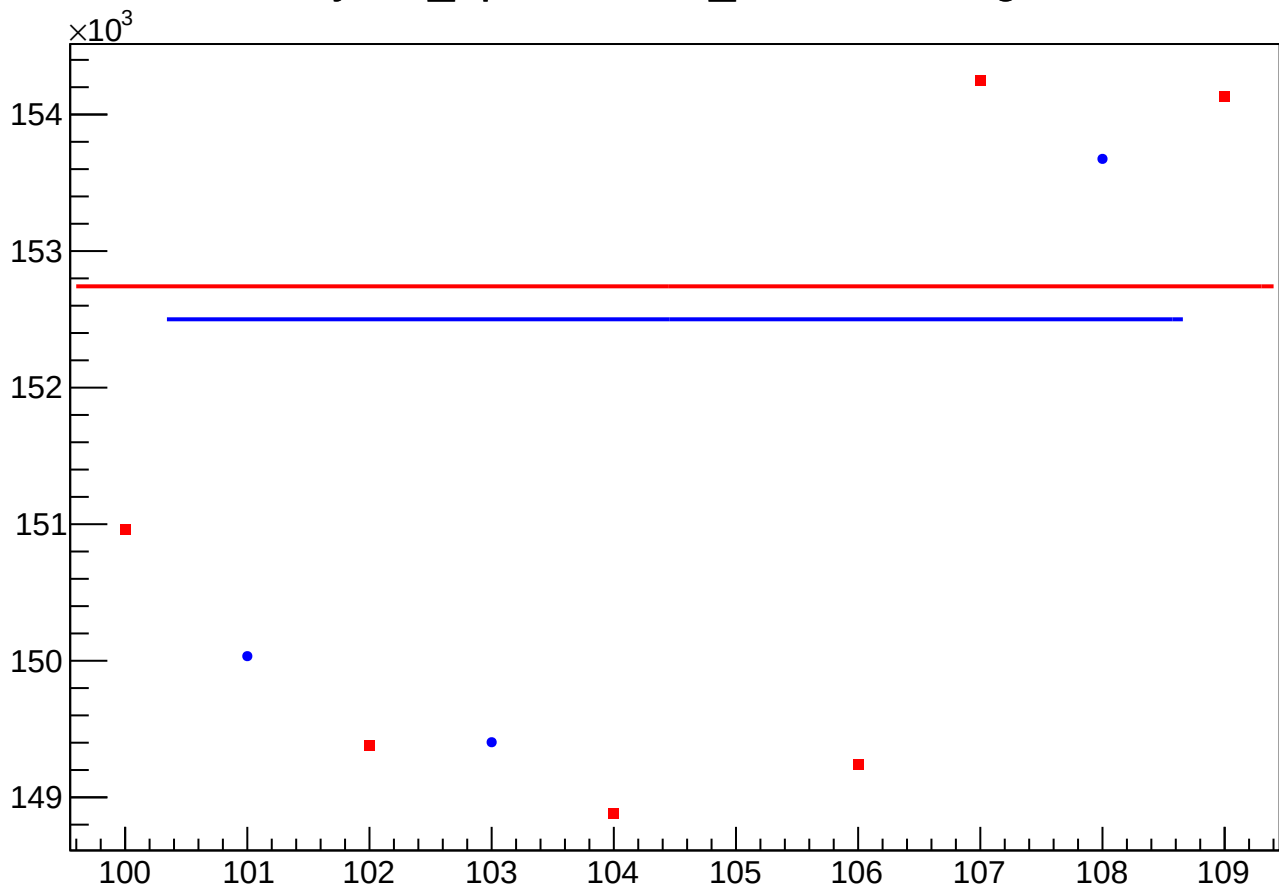
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.239 $\pm$ 0.084 χ^2 /NDF: 1404689.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_mean vs Slug



Right In: 152500.365 $\pm$ 0.195 χ^2 /NDF: 86251993.1/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

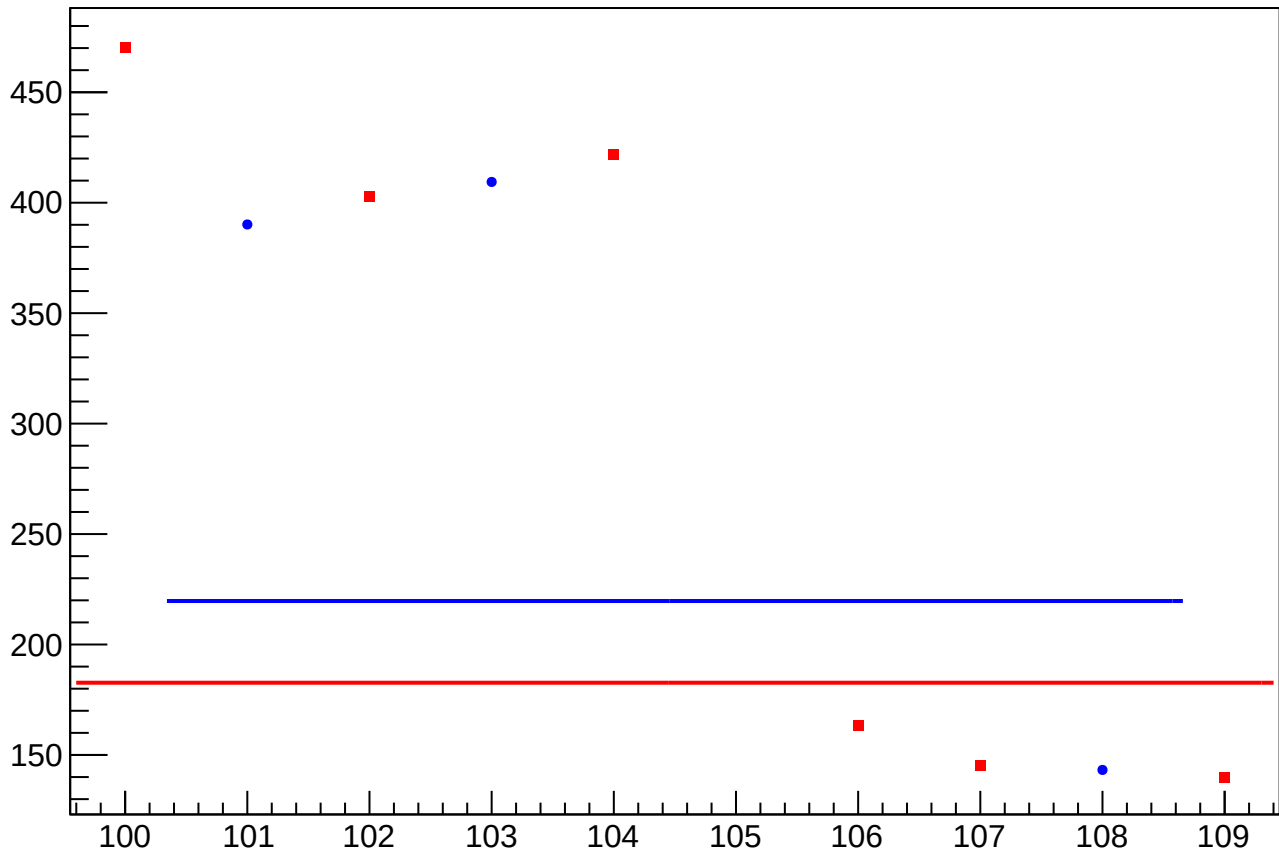
Right Out: 152741.810 $\pm$ 0.139 χ^2 /NDF: 259383824.2/5

All: 152660.226 $\pm$ 0.113 χ^2 /NDF: 34665586

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_rms vs Slug



Right In: 219.698 $\pm$ 0.138 χ^2 /NDF: 725760.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.706 $\pm$ 0.098 χ^2 /NDF: 905787.1/5

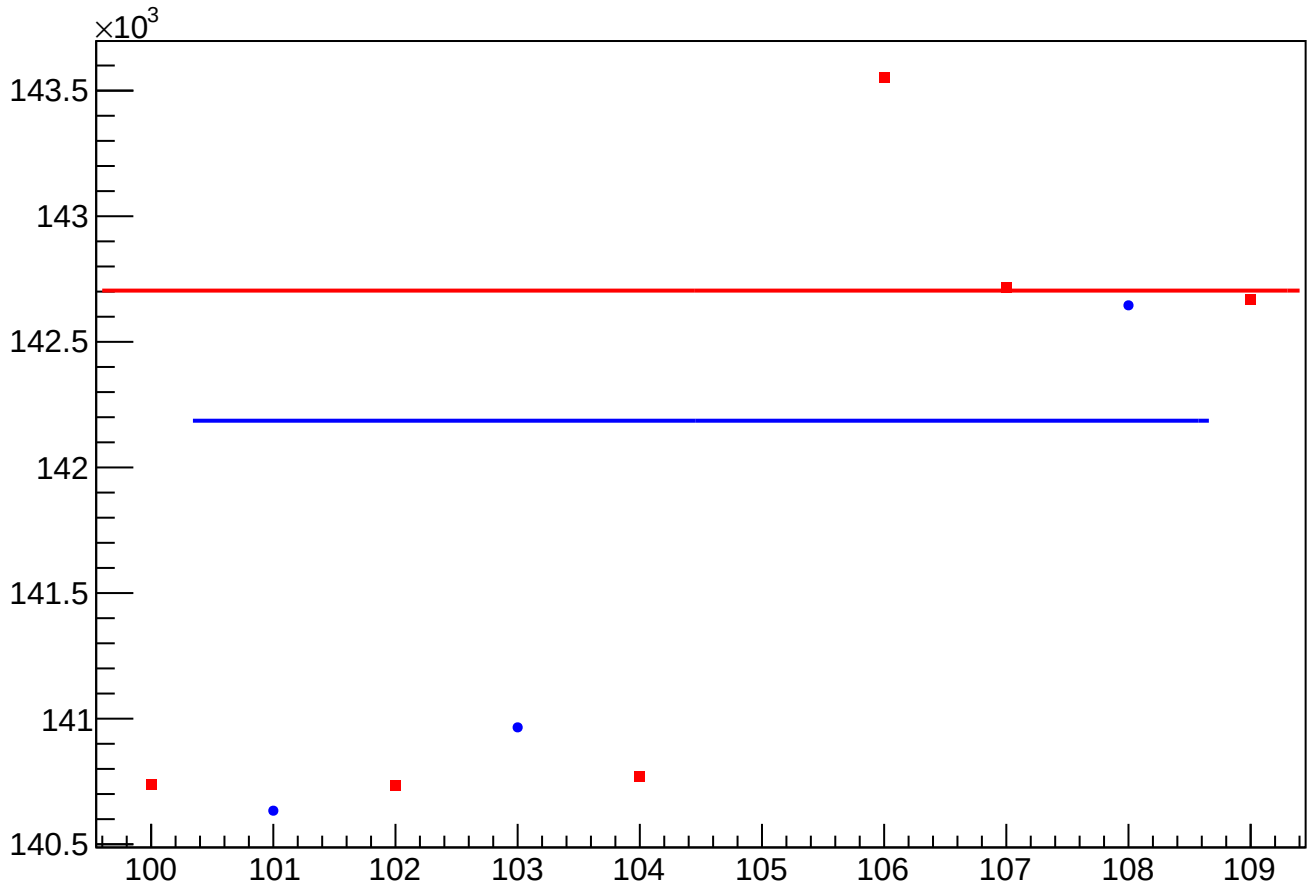
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.206 $\pm$ 0.080 χ^2 /NDF: 1679434.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_mean vs Slug



Right In: 142186.062 $\pm$ 0.159 χ^2 /NDF: 25401231.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

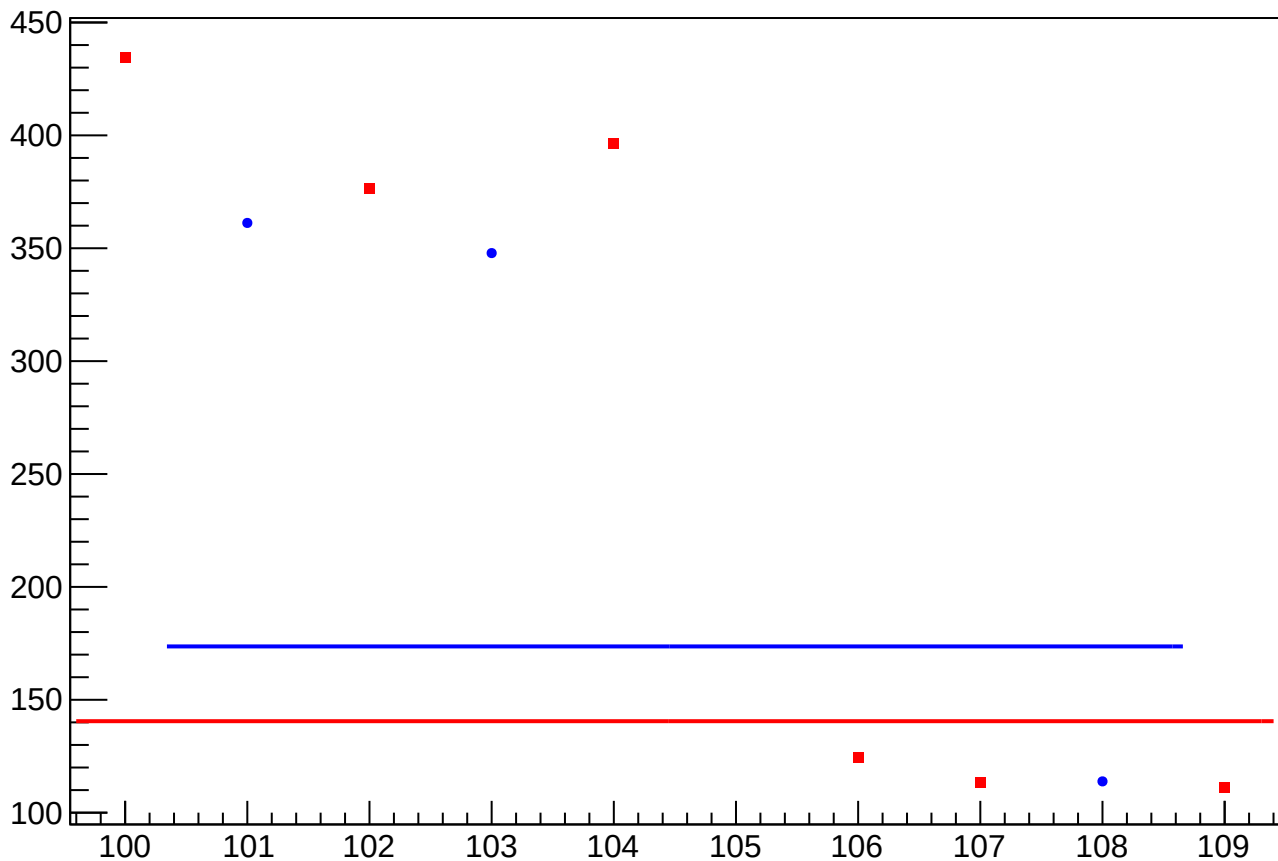
Right Out: 142704.017 $\pm$ 0.107 χ^2 /NDF: 46294362.1/5

All: 142544.138 $\pm$ 0.089 χ^2 /NDF: 78987915.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug



Right In: 173.638+/-0.113 χ^2/NDF : 852187.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.524+/-0.075 χ^2/NDF : 1115167.5/5

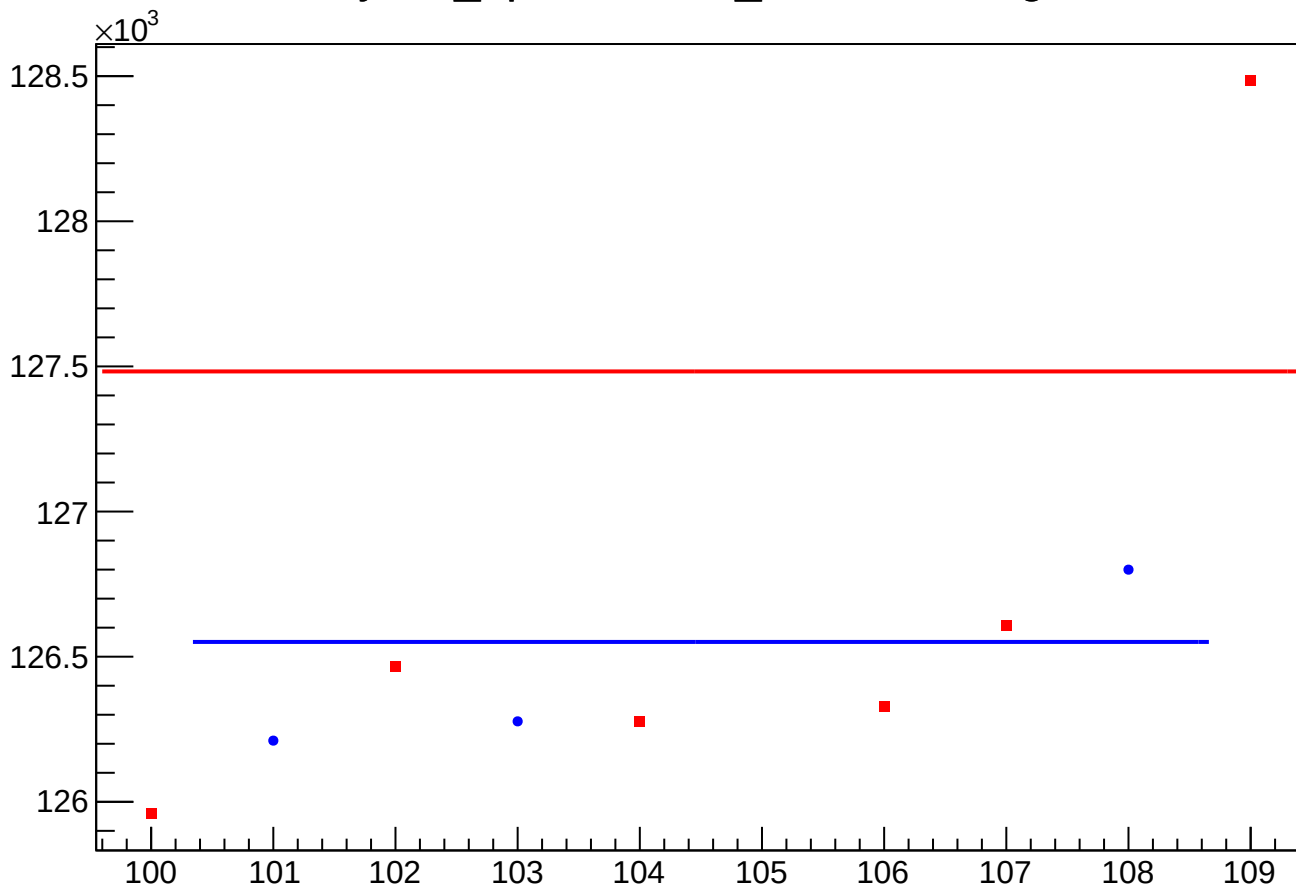
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.745+/-0.063 χ^2/NDF : 2026967.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 126550.833 $\pm$ 0.182 χ^2 /NDF: 2322256.2/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

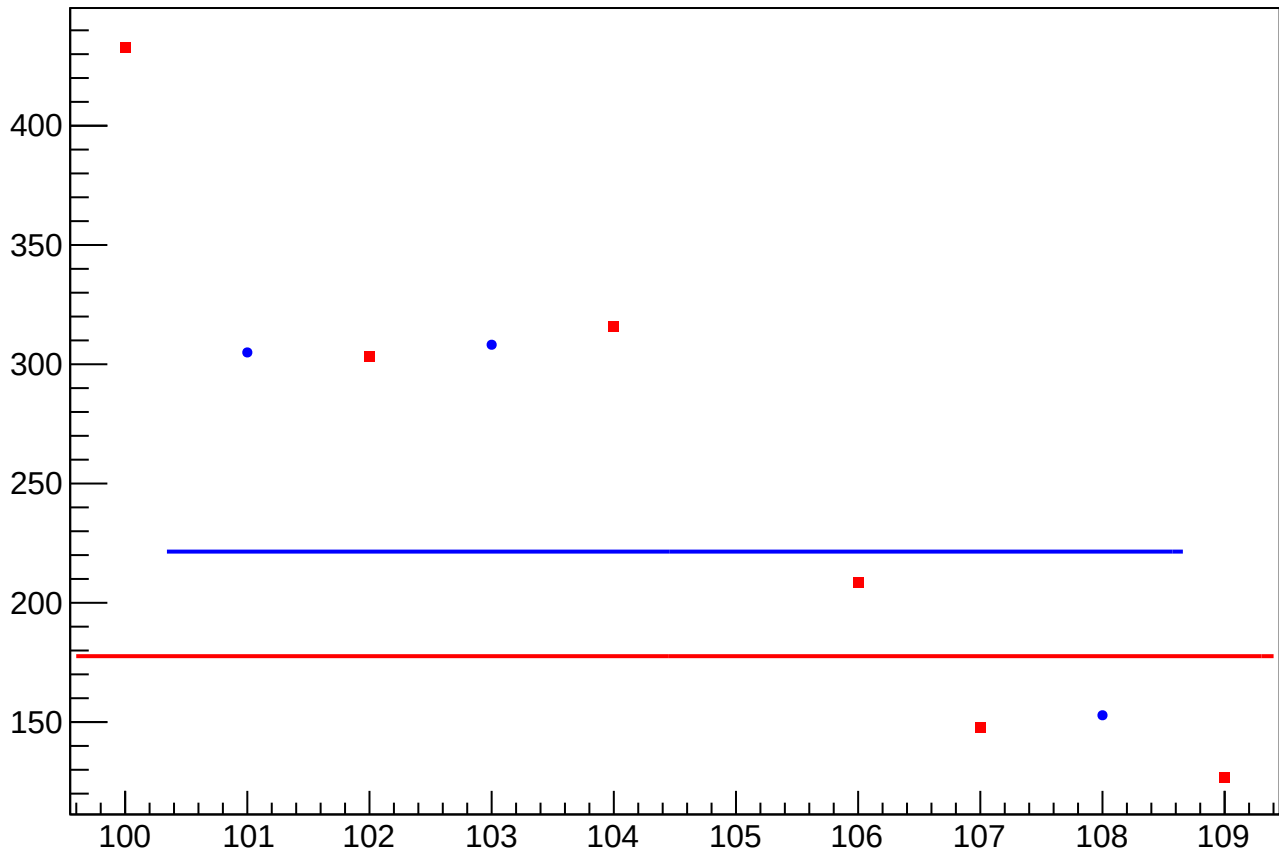
All: 127174.528 $\pm$ 0.105 χ^2 /NDF: 83244730.

Right Out: 127482.708 $\pm$ 0.128 χ^2 /NDF: 63463433.3/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_rms vs Slug



Right In: 221.466 $\pm$ 0.129 χ^2 /NDF: 350530.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 177.626 $\pm$ 0.091 χ^2 /NDF: 662080.1/5

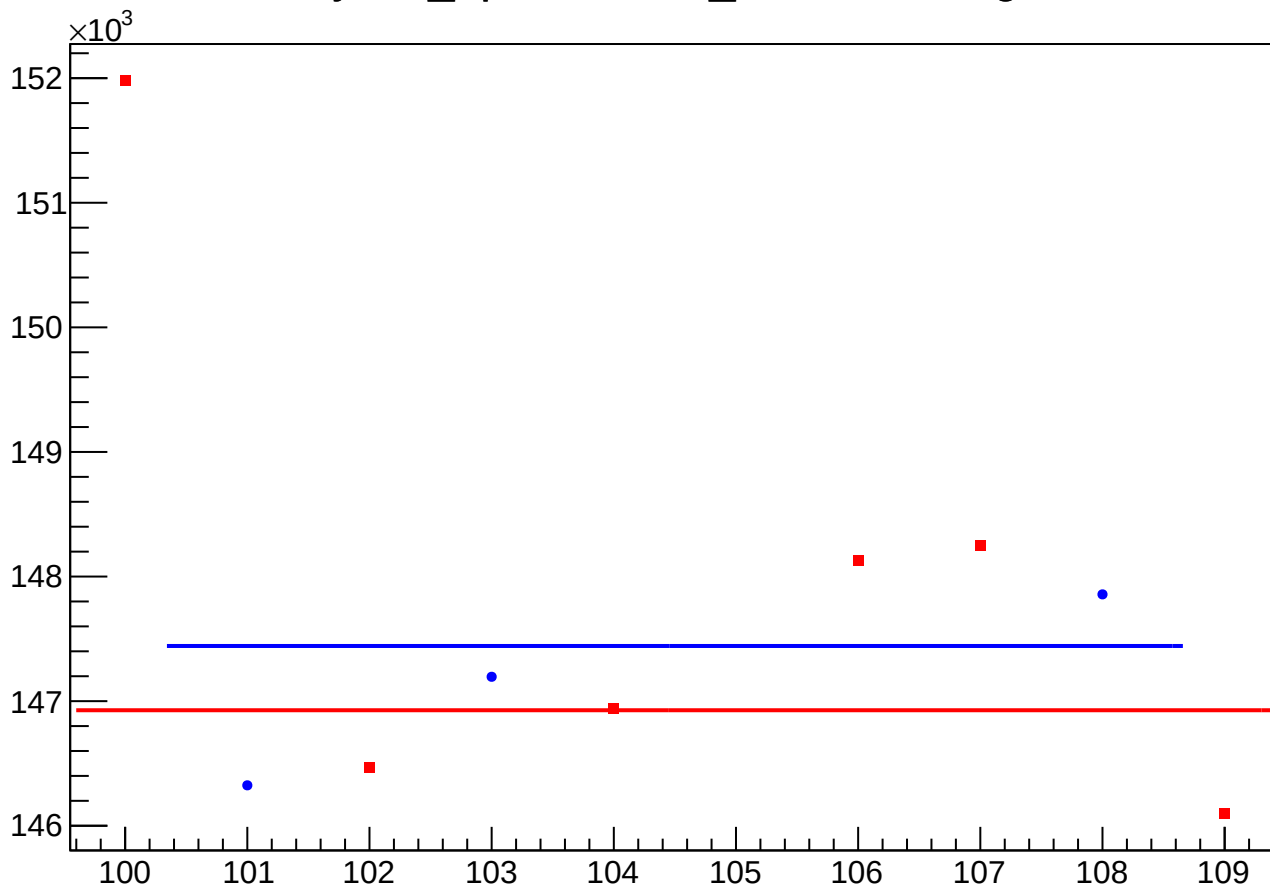
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.125 $\pm$ 0.074 χ^2 /NDF: 1089890.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_mean vs Slug



Right In: 147442.802 $\pm$ 0.226 χ^2 /NDF: 7158570.7/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

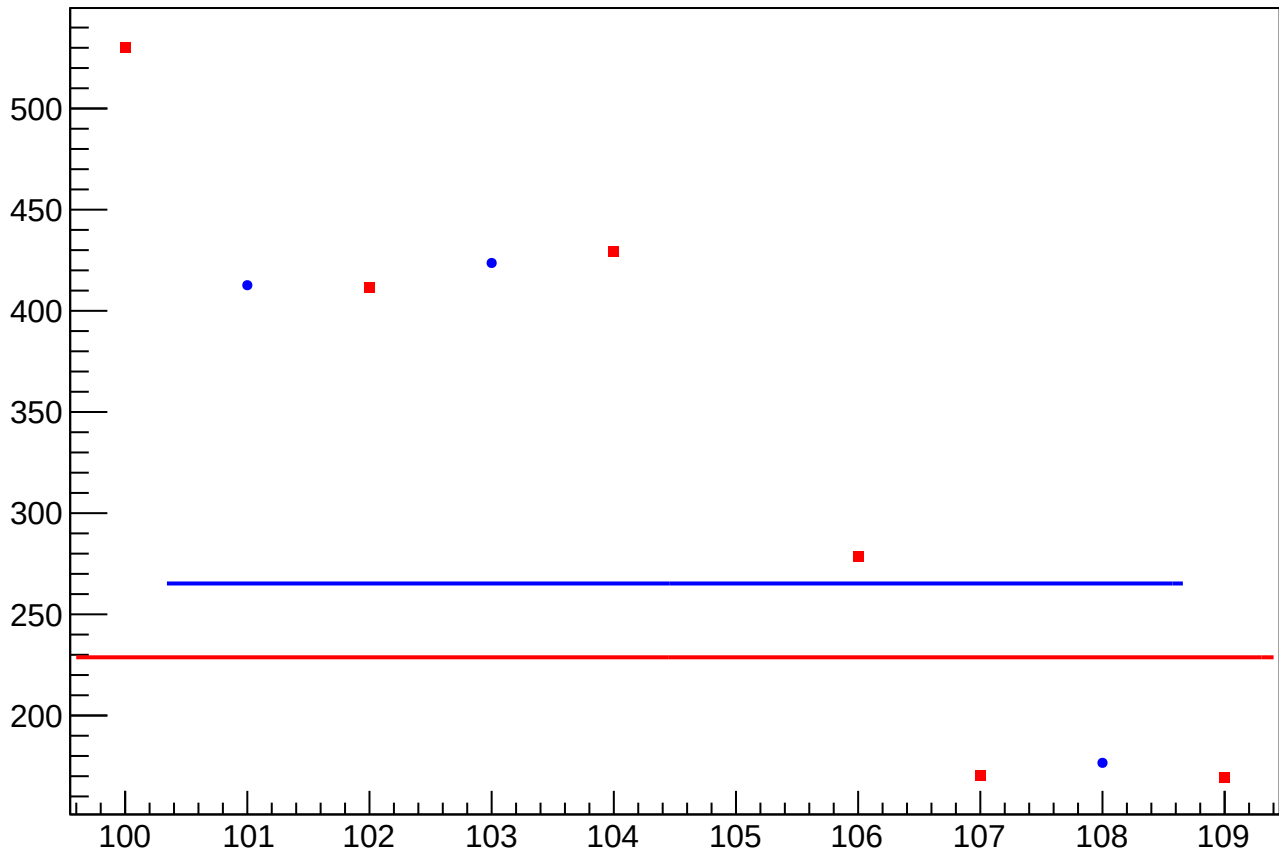
Right Out: 146927.027 $\pm$ 0.168 χ^2 /NDF: 38203408.0/5

All: 147110.592 $\pm$ 0.135 χ^2 /NDF: 48725561.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug



Right In: 265.247+/-0.160 χ^2/NDF : 531301.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 228.761+/-0.119 χ^2/NDF : 721341.3/5

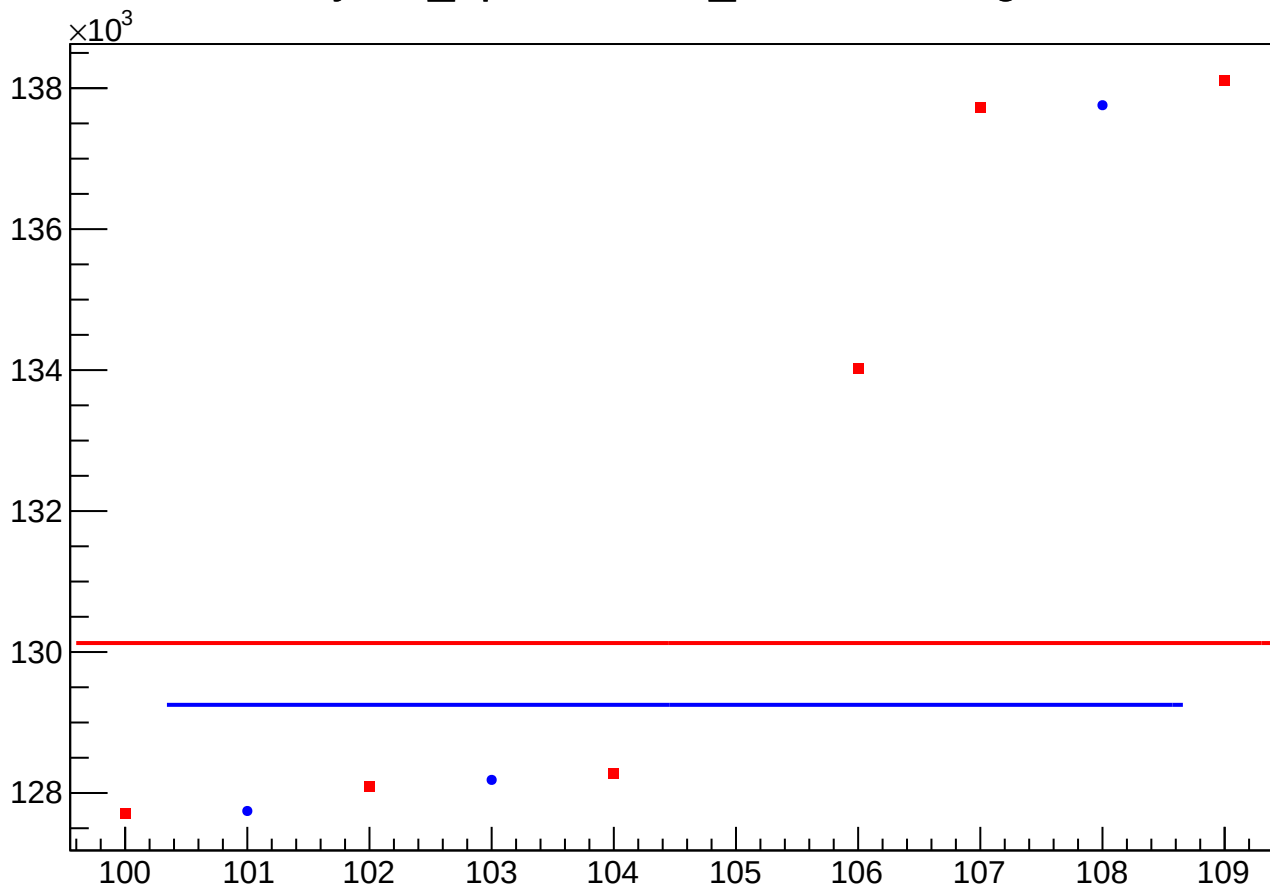
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.746+/-0.095 χ^2/NDF : 1286307.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03WS_mean vs Slug



Right In: 129250.784 $\pm$ 0.263 χ^2 /NDF: 160325704.2/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

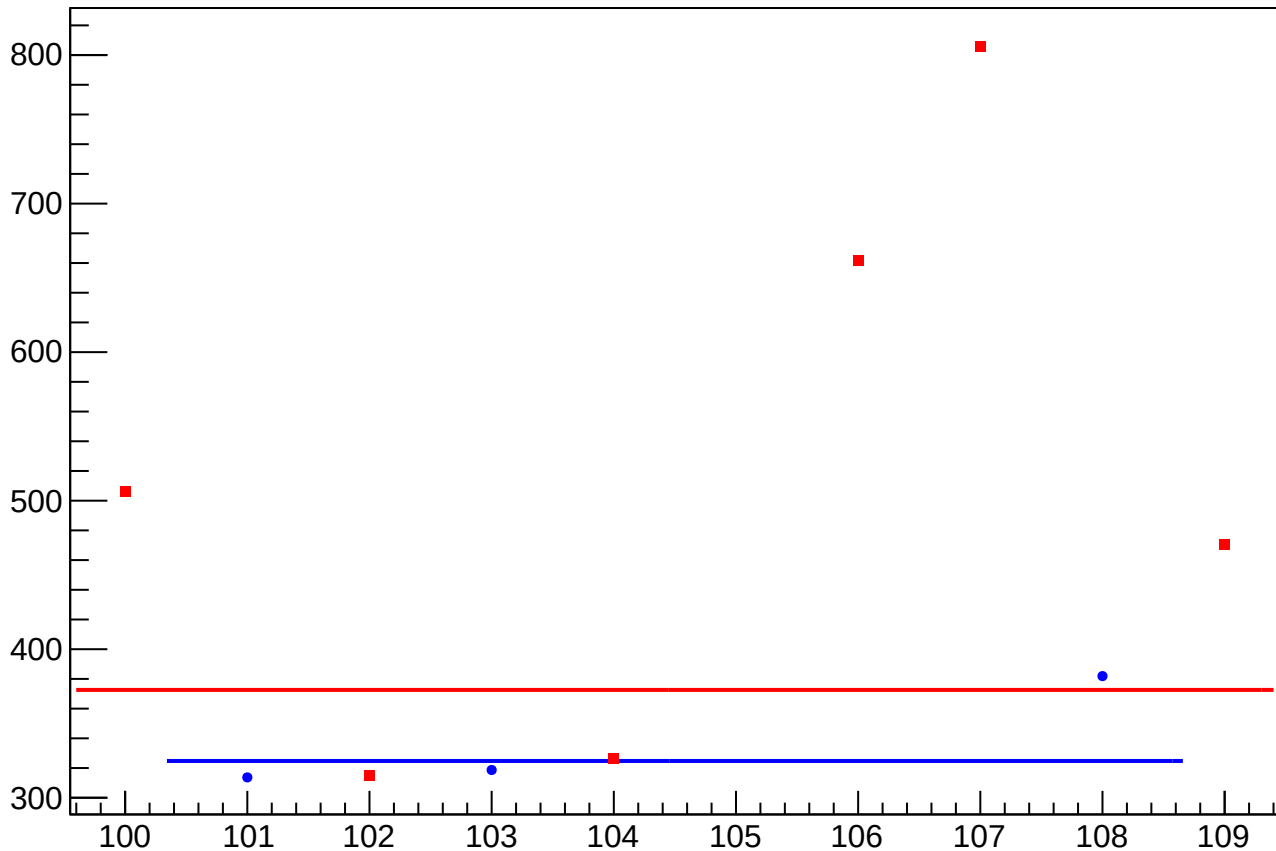
Right Out: 130127.445 $\pm$ 0.260 χ^2 /NDF: 215221201.0/5

All: 129695.028 $\pm$ 0.185 χ^2 /NDF: 381173775

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug



Right In: 324.761+/-0.186 χ^2/NDF : 14560.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 372.598+/-0.184 χ^2/NDF : 356868.0/5

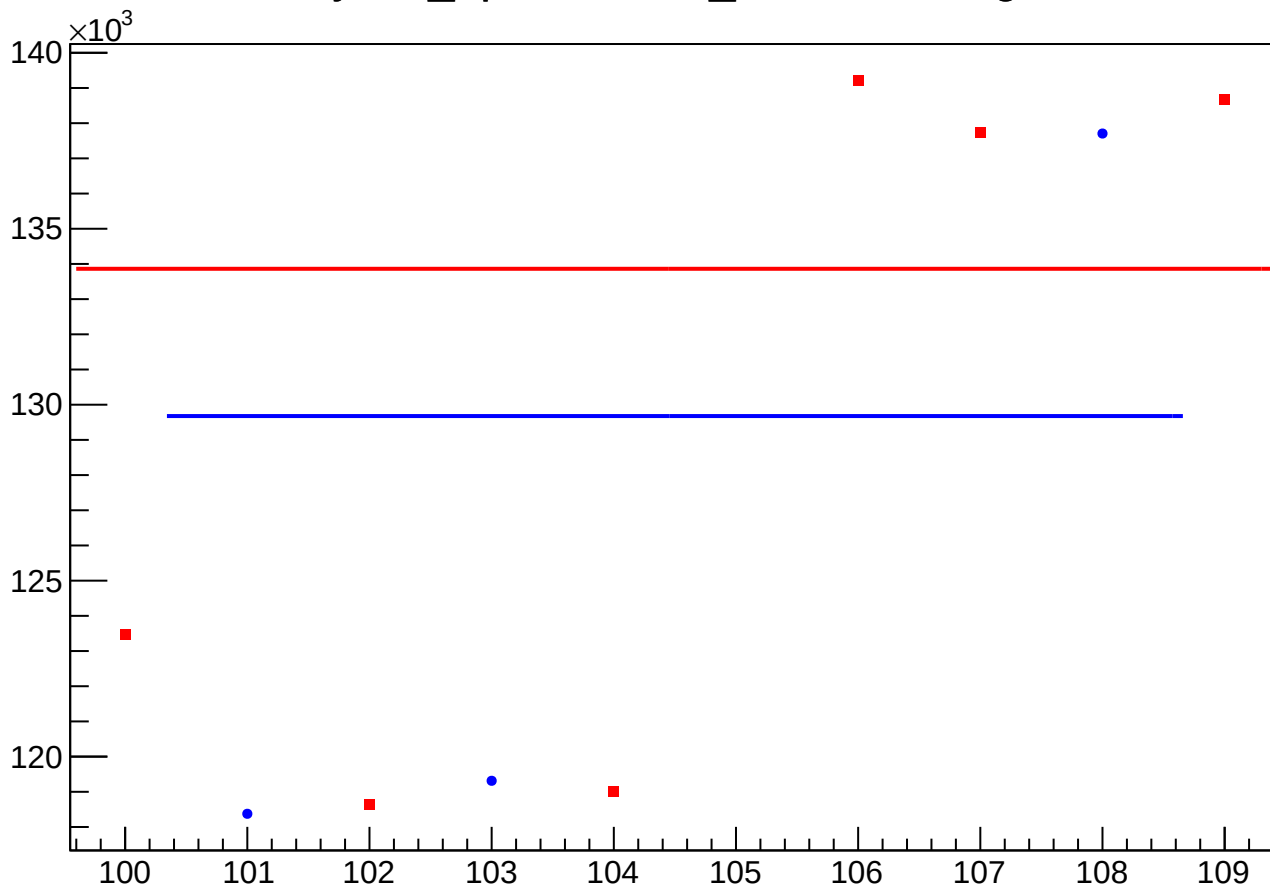
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.002+/-0.131 χ^2/NDF : 404938.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04WS_mean vs Slug



Right In: 129677.384 $\pm$ 0.194 χ^2 /NDF: 2314034547.4/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

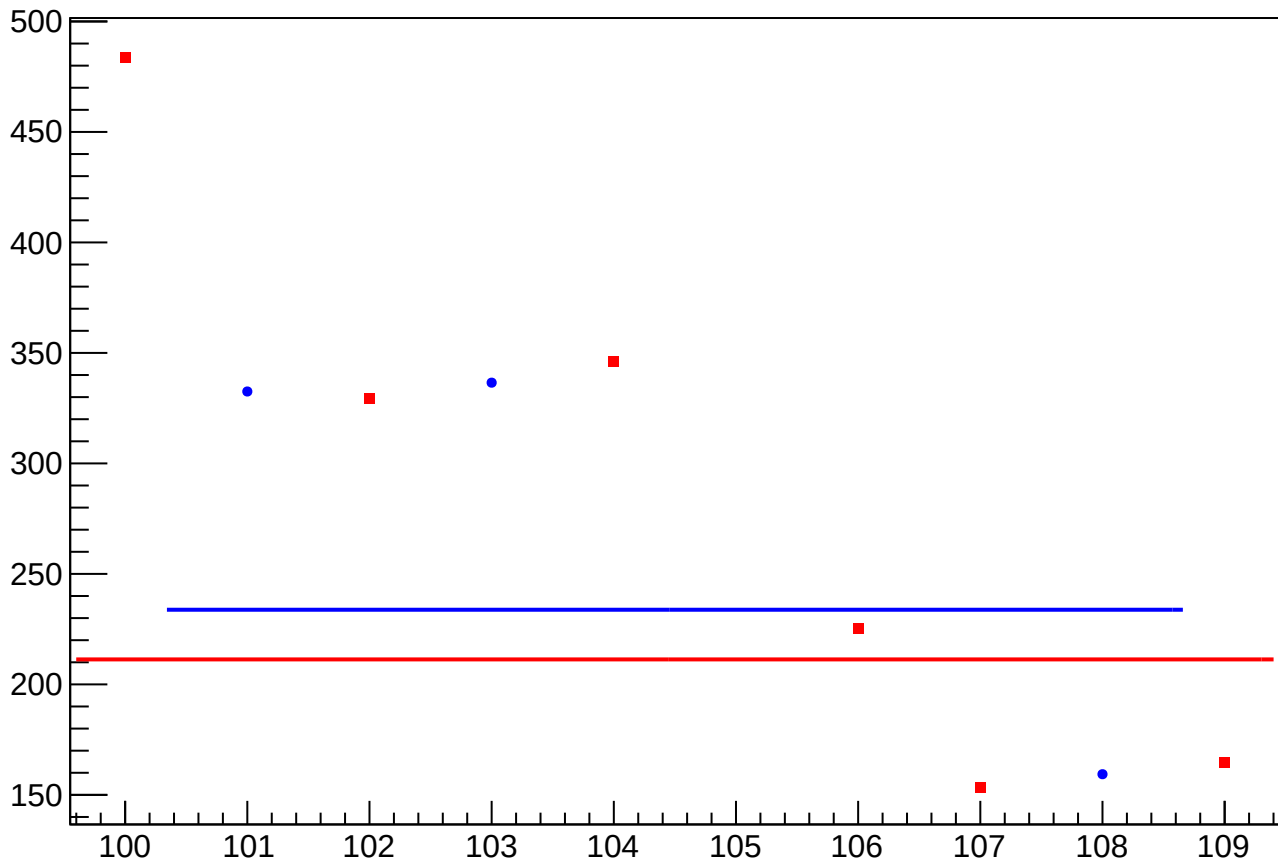
Right Out: 133862.233 $\pm$ 0.149 χ^2 /NDF: 3107605961.8/5

All: 132307.742 $\pm$ 0.118 χ^2 /NDF: 571352320

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug



Right In: 233.780 $\pm$ 0.137 χ^2 /NDF: 397362.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 211.304 $\pm$ 0.106 χ^2 /NDF: 521277.4/5

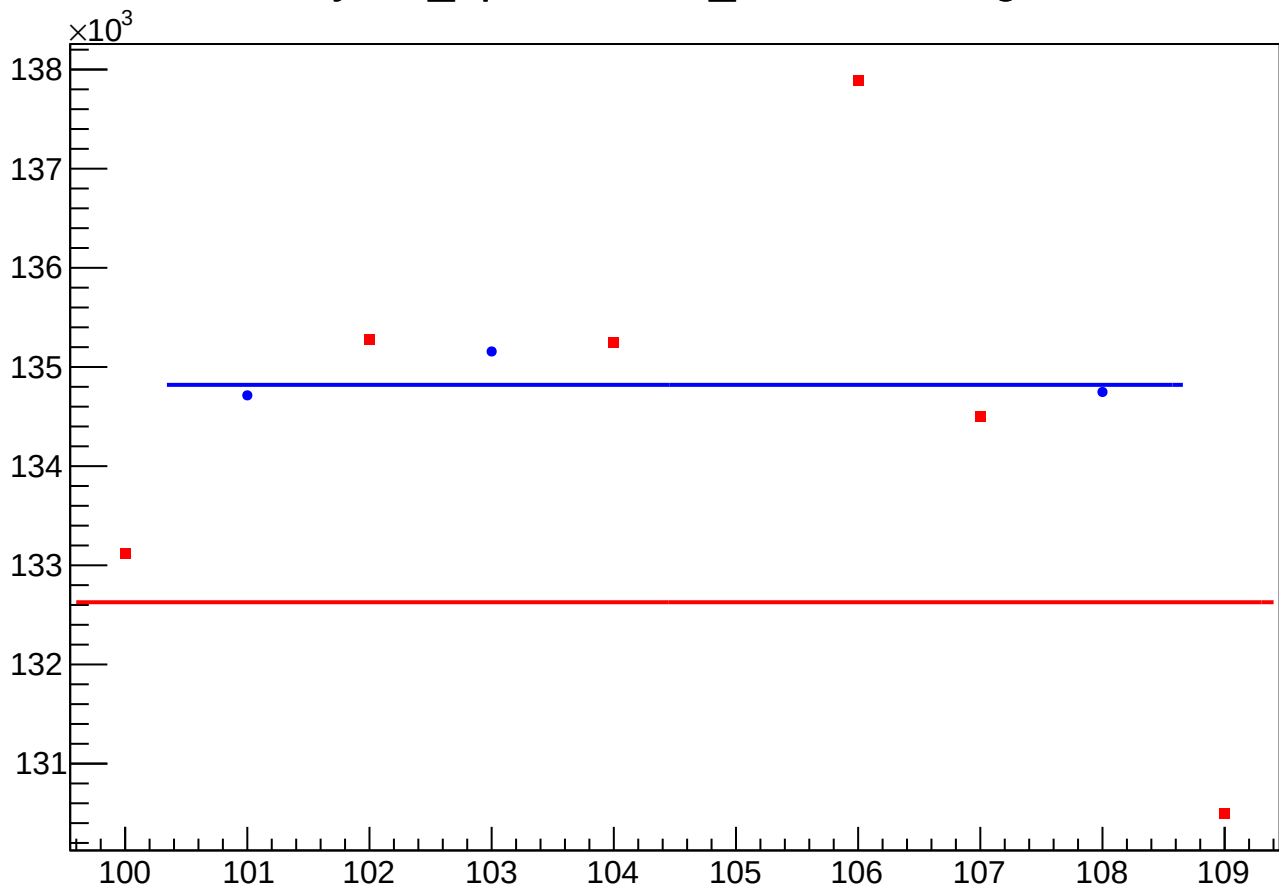
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 219.653 $\pm$ 0.084 χ^2 /NDF: 935478.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_mean vs Slug



Right In: 134819.872 $\pm$ 0.208 χ^2 /NDF: 632303.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

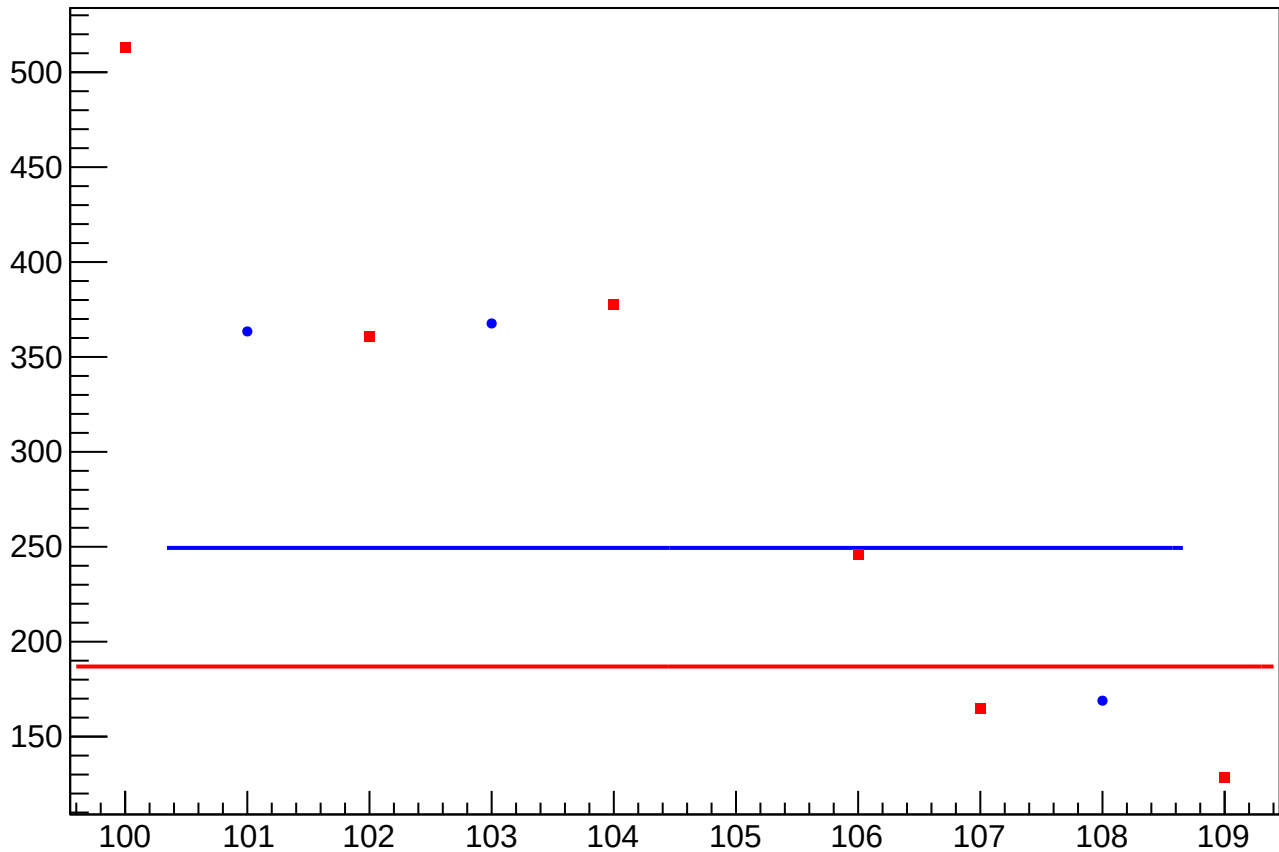
Right Out: 132627.556 $\pm$ 0.139 χ^2 /NDF: 347250368.0/5

All: 133305.344 $\pm$ 0.116 χ^2 /NDF: 424365305

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug



Right In: 249.408 $\pm$ 0.147 χ^2 /NDF: 430311.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.920 $\pm$ 0.099 χ^2 /NDF: 864566.0/5

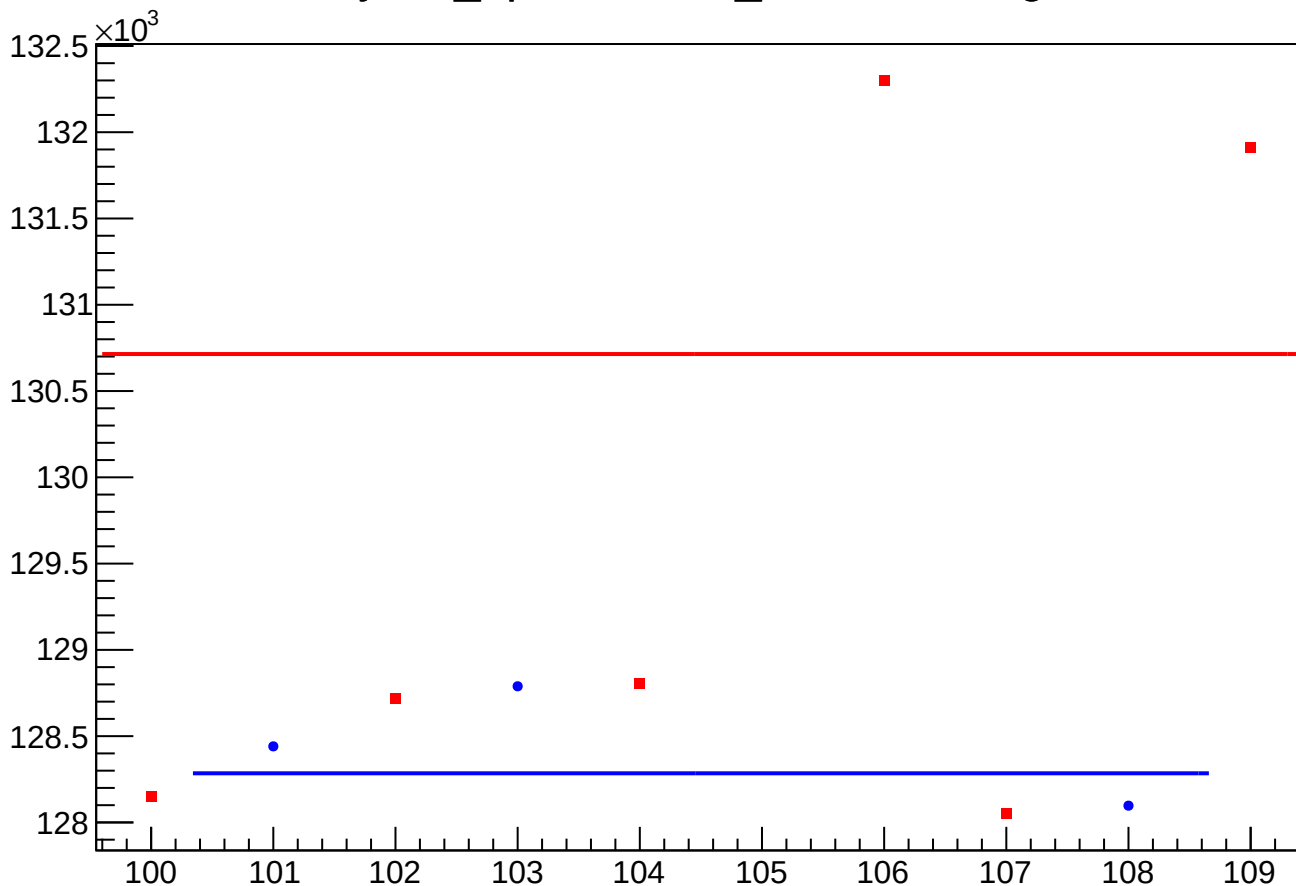
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.239 $\pm$ 0.082 χ^2 /NDF: 1419151.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_mean vs Slug



Right In: 128284.734 $\pm$ 0.189 χ^2 /NDF: 1994173.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

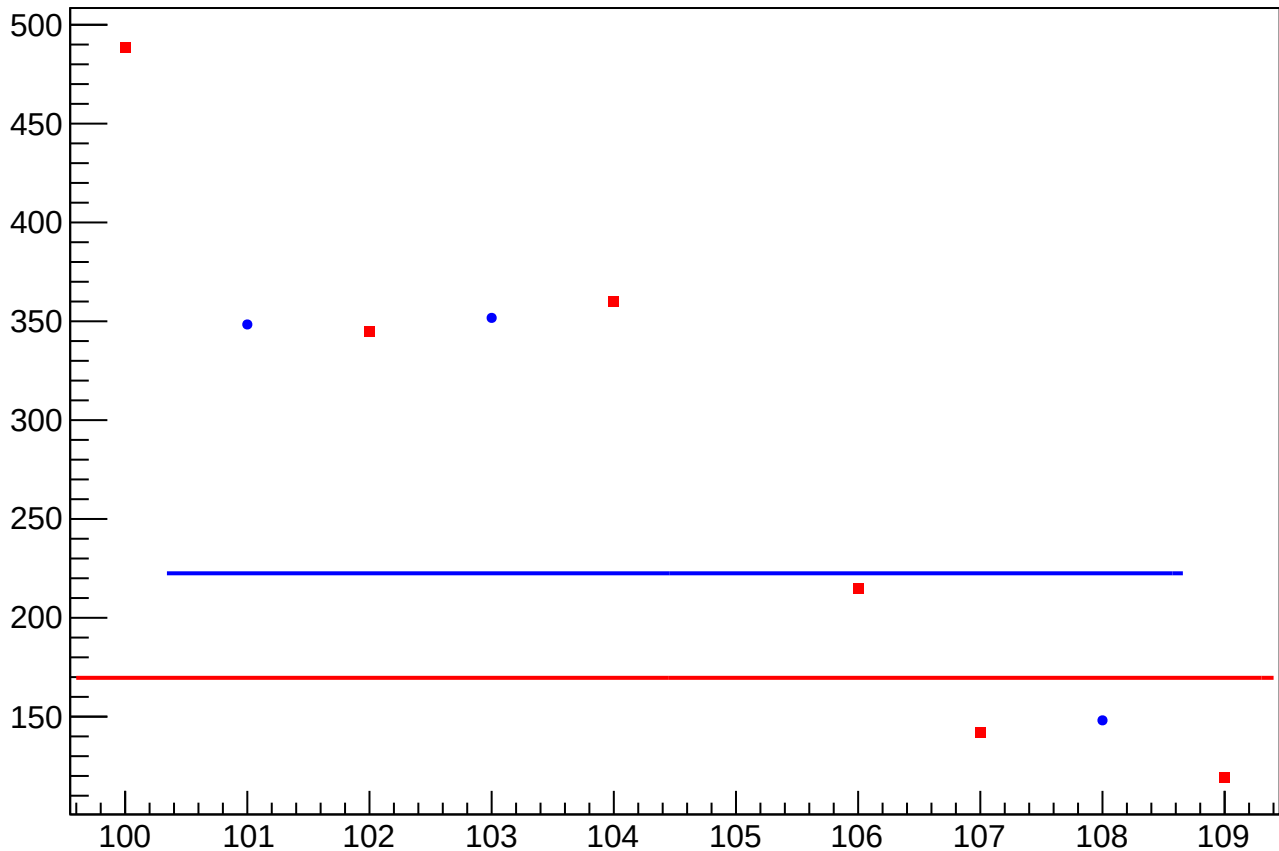
Right Out: 130714.471 $\pm$ 0.127 χ^2 /NDF: 187358259.5/5

All: 129962.702 $\pm$ 0.105 χ^2 /NDF: 303203546

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_rms vs Slug



Right In: 222.512 $\pm$ 0.134 χ^2 /NDF: 529620.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 169.638 $\pm$ 0.090 χ^2 /NDF: 905601.3/5

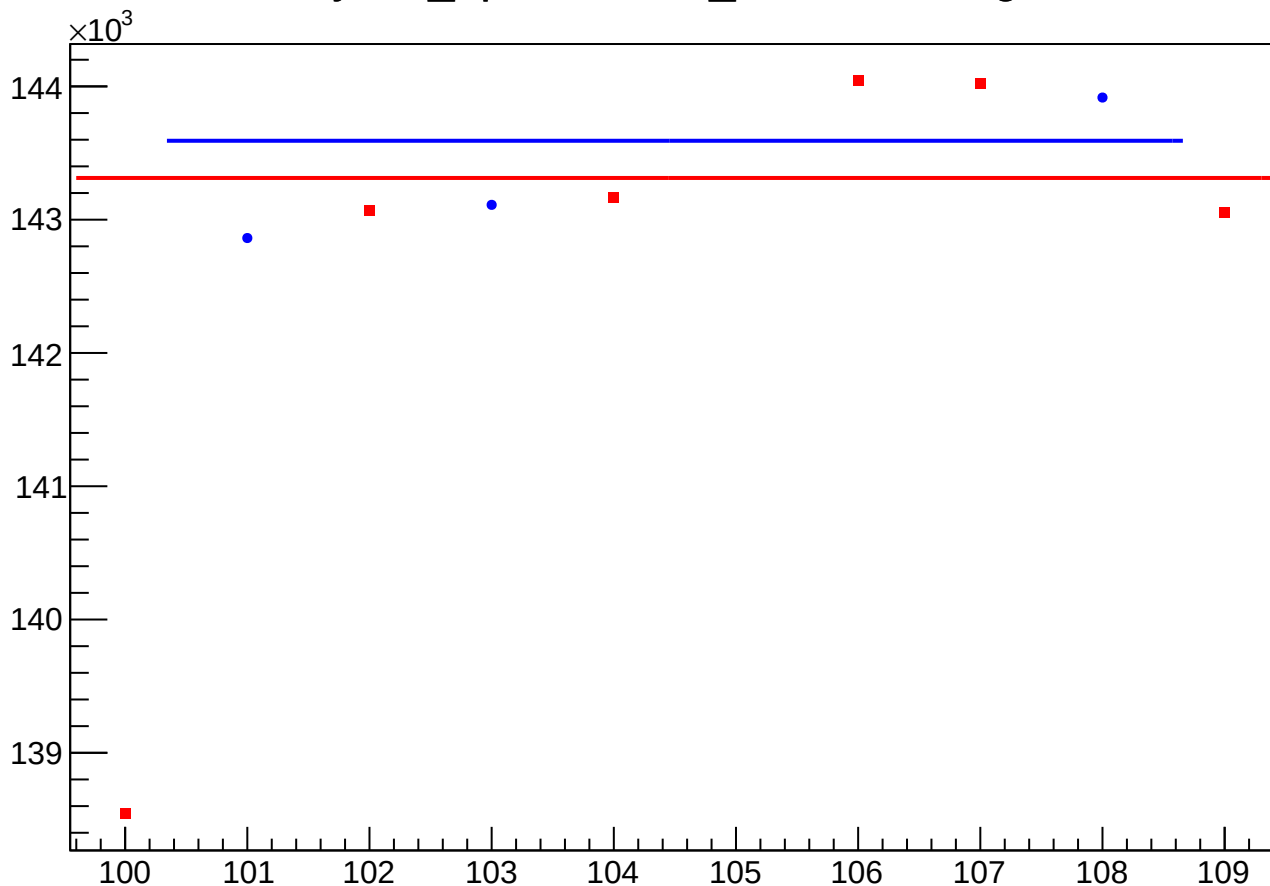
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.997 $\pm$ 0.074 χ^2 /NDF: 1543048.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_mean vs Slug



Right In: 143592.087 $\pm$ 0.210 χ^2 /NDF: 4620095.3/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

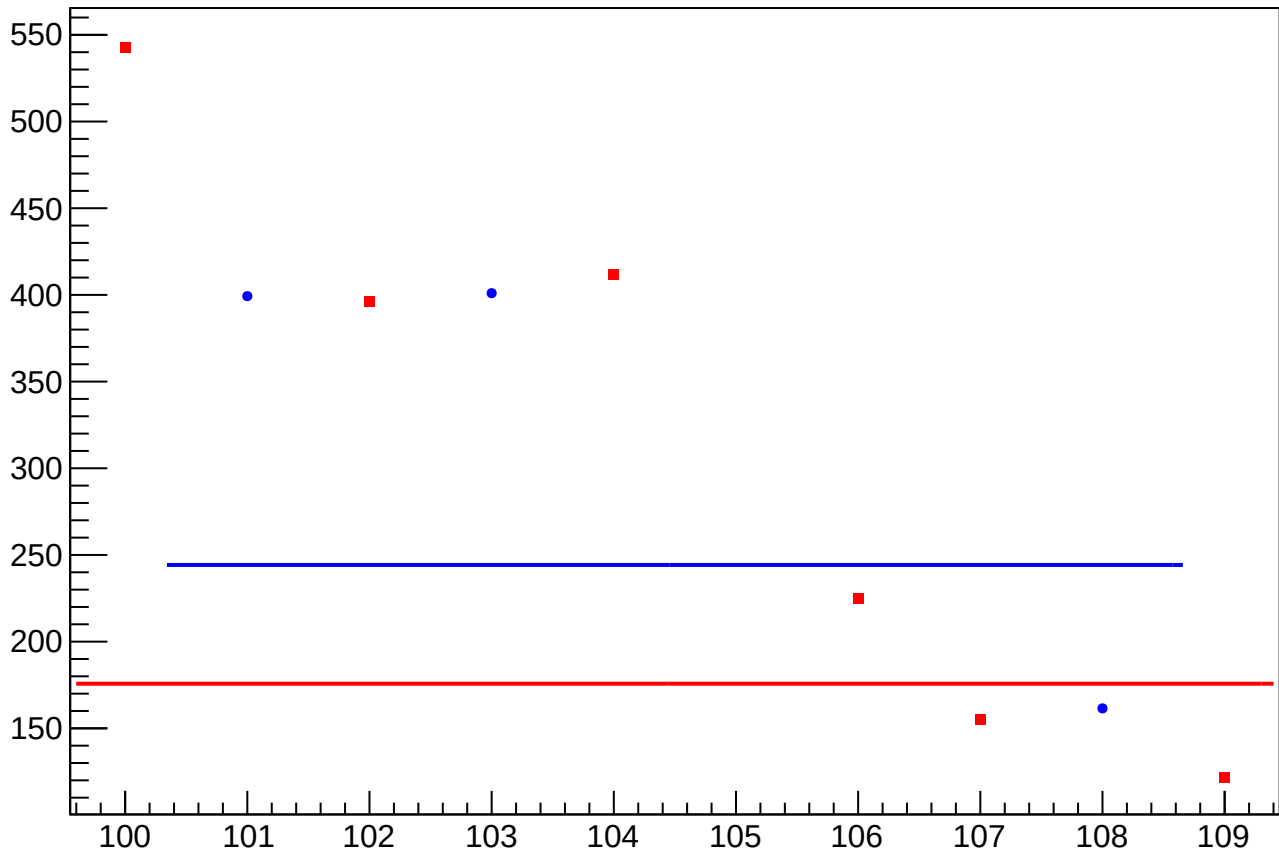
Right Out: 143313.019 $\pm$ 0.133 χ^2 /NDF: 16081065.6/5

All: 143393.269 $\pm$ 0.113 χ^2 /NDF: 21960944.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug



Right In: 244.231+/-0.148 χ^2/NDF : 585618.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.751+/-0.094 χ^2/NDF : 1038268.2/5

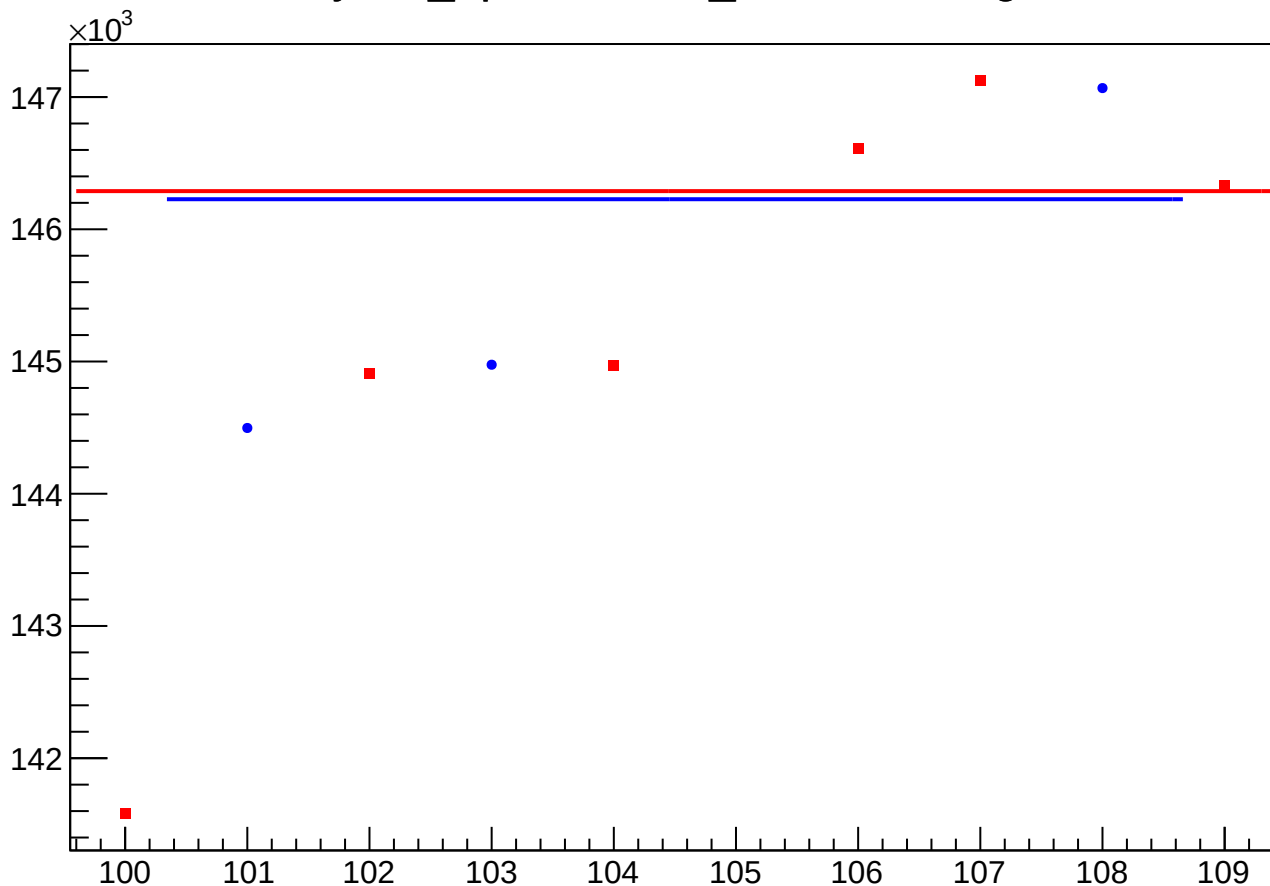
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.444+/-0.080 χ^2/NDF : 1775601.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08WS_mean vs Slug



Right In: 146227.346 $\pm$ 0.210 χ^2 /NDF: 28995270.4/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

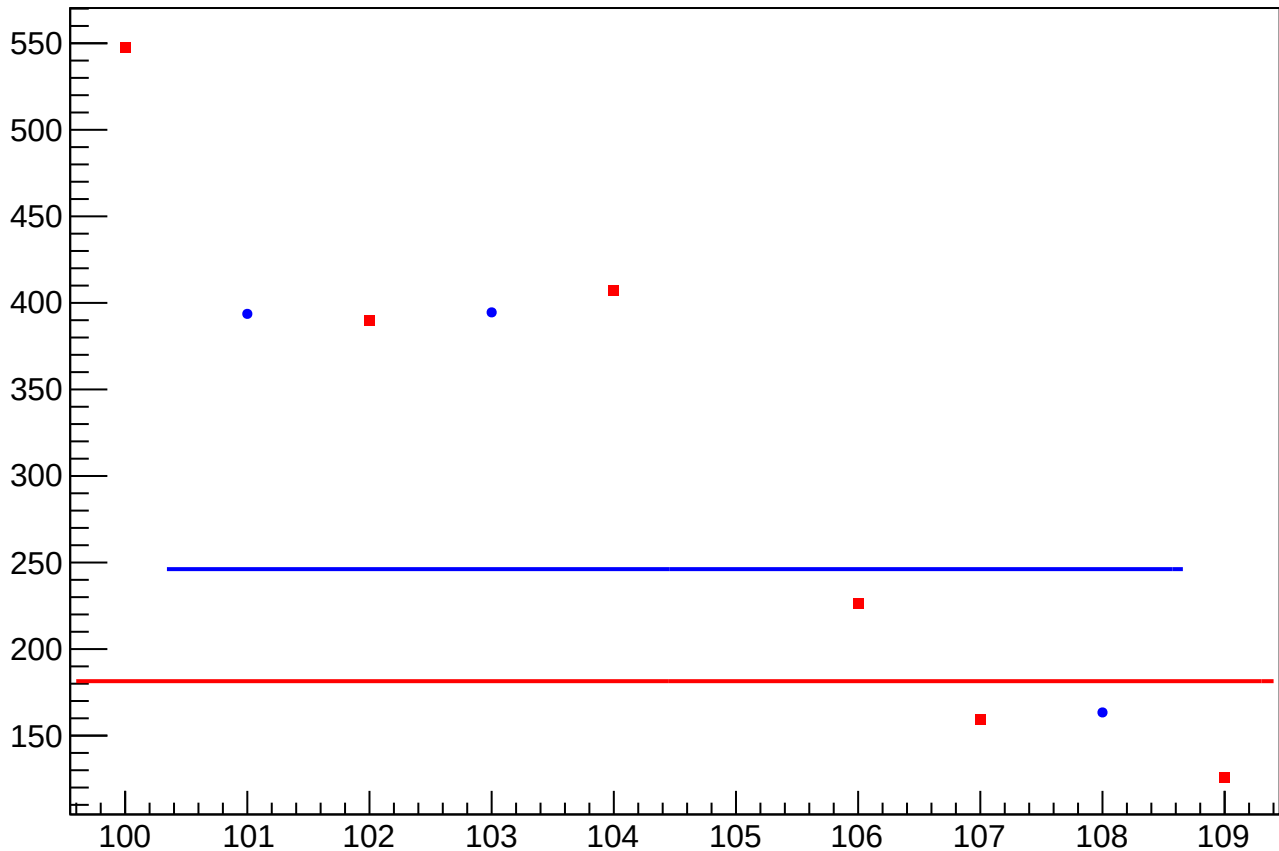
Right Out: 146288.611 $\pm$ 0.136 χ^2 /NDF: 26138361.8/5

All: 146270.504 $\pm$ 0.114 χ^2 /NDF: 55193422.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug



Right In: 246.188 $\pm$ 0.149 χ^2 /NDF: 553756.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 181.454 $\pm$ 0.096 χ^2 /NDF: 978633.0/5

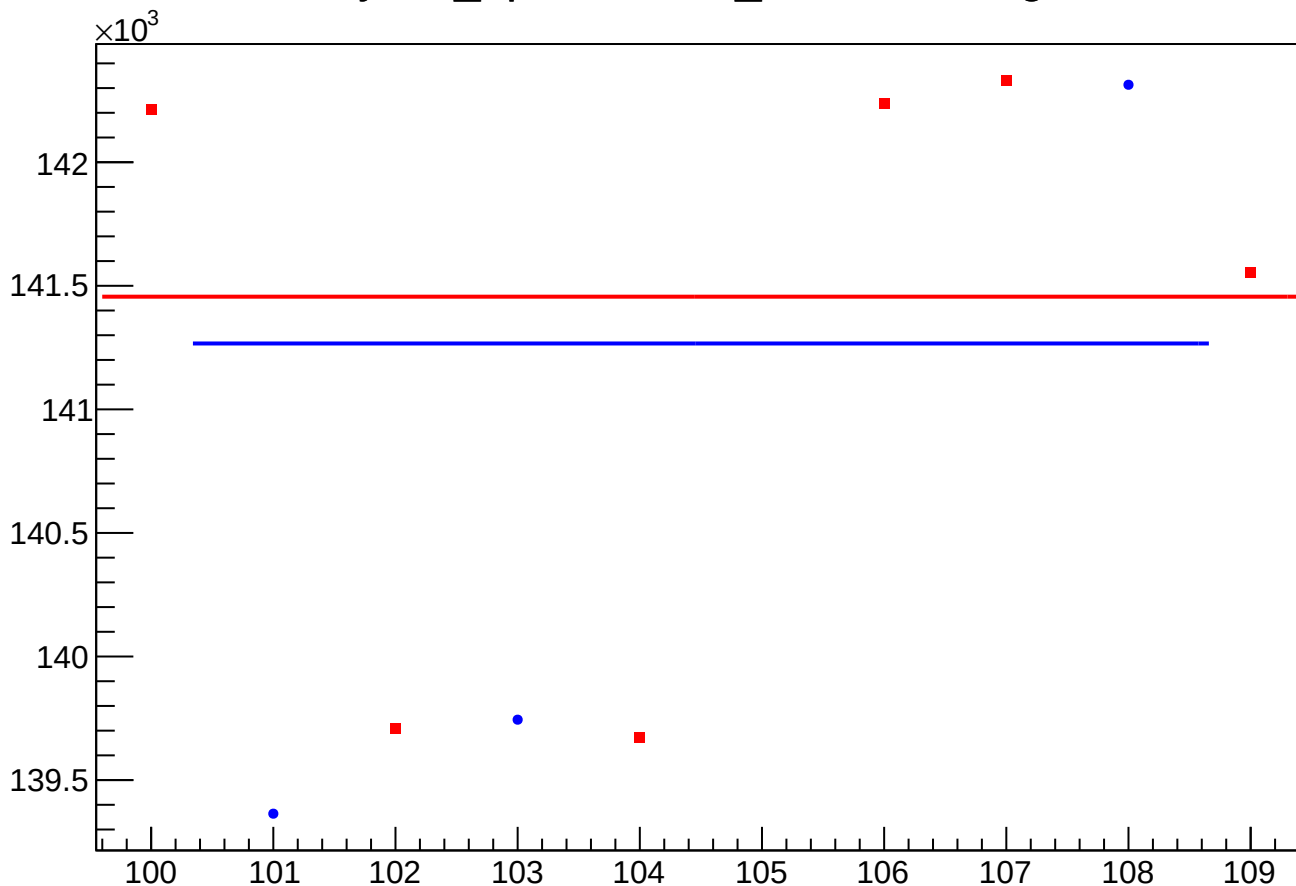
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 200.586 $\pm$ 0.081 χ^2 /NDF: 1665889.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_mean vs Slug



Right In: 141266.602 $\pm$ 0.215 χ^2 /NDF: 39111503.4/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

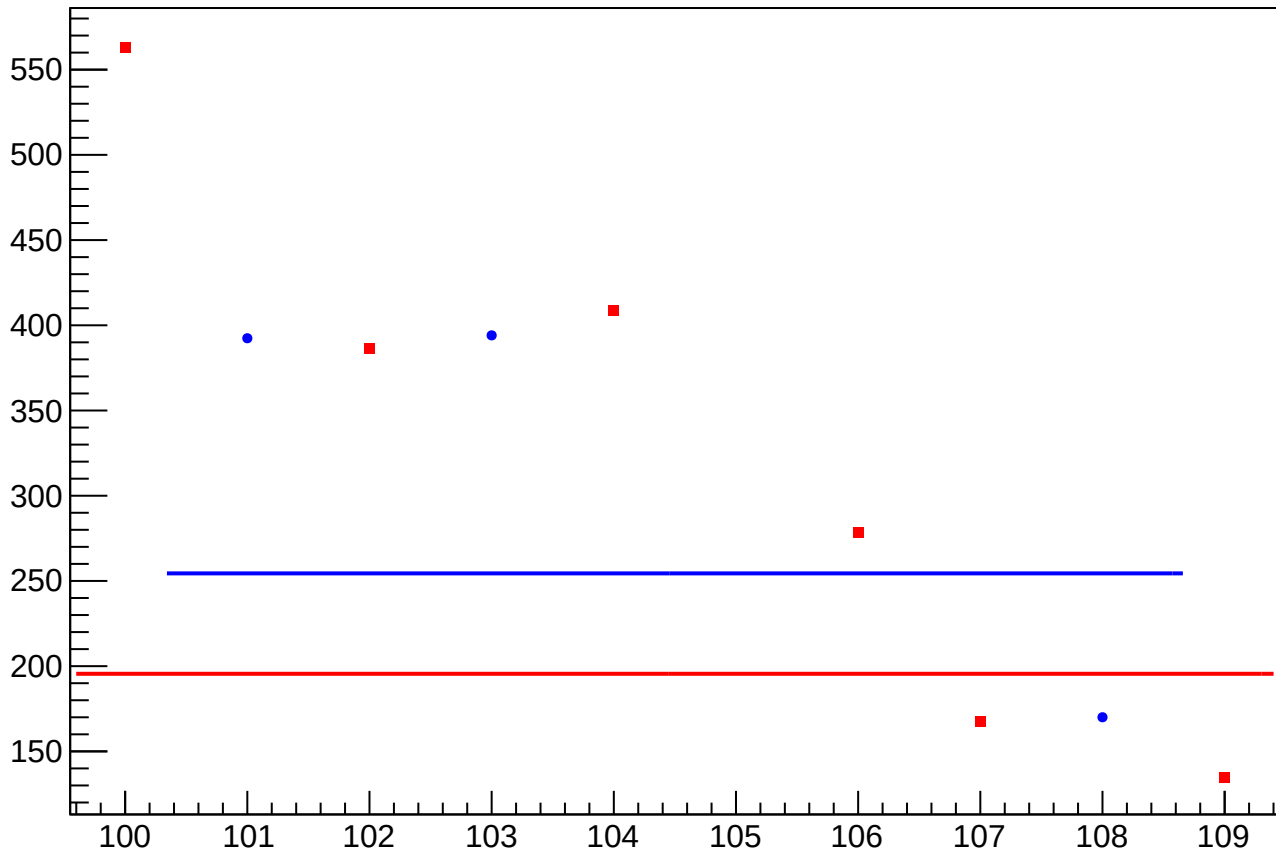
All: 141396.370 $\pm$ 0.121 χ^2 /NDF: 71916374.1

Right Out: 141455.983 $\pm$ 0.146 χ^2 /NDF: 32275356.8/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_rms vs Slug



Right In: 254.438 $\pm$ 0.152 χ^2 /NDF: 504813.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 195.527 $\pm$ 0.103 χ^2 /NDF: 922948.0/5

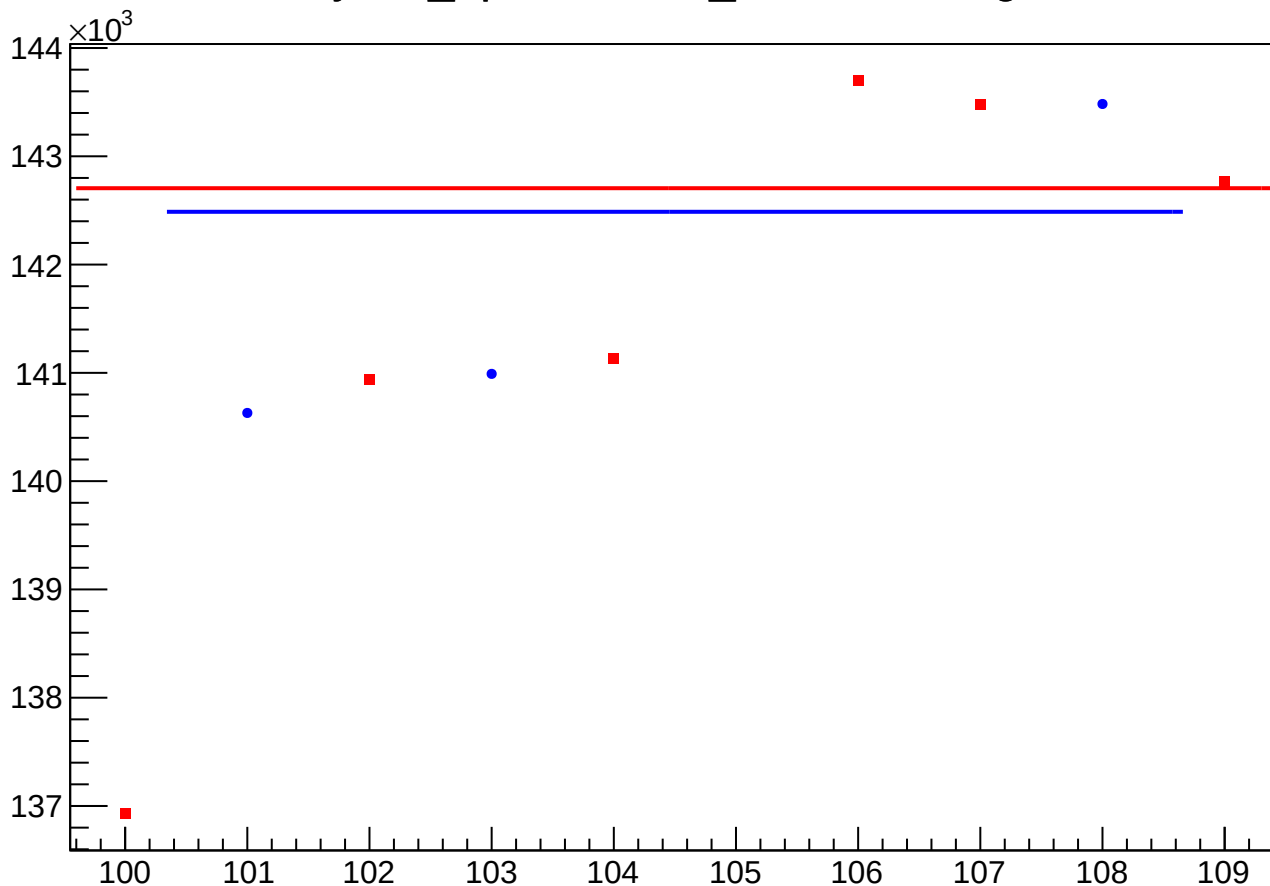
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 214.071 $\pm$ 0.085 χ^2 /NDF: 1530235.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_mean vs Slug



Right In: 142487.412 $\pm$ 0.214 χ^2 /NDF: 36934284.5/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

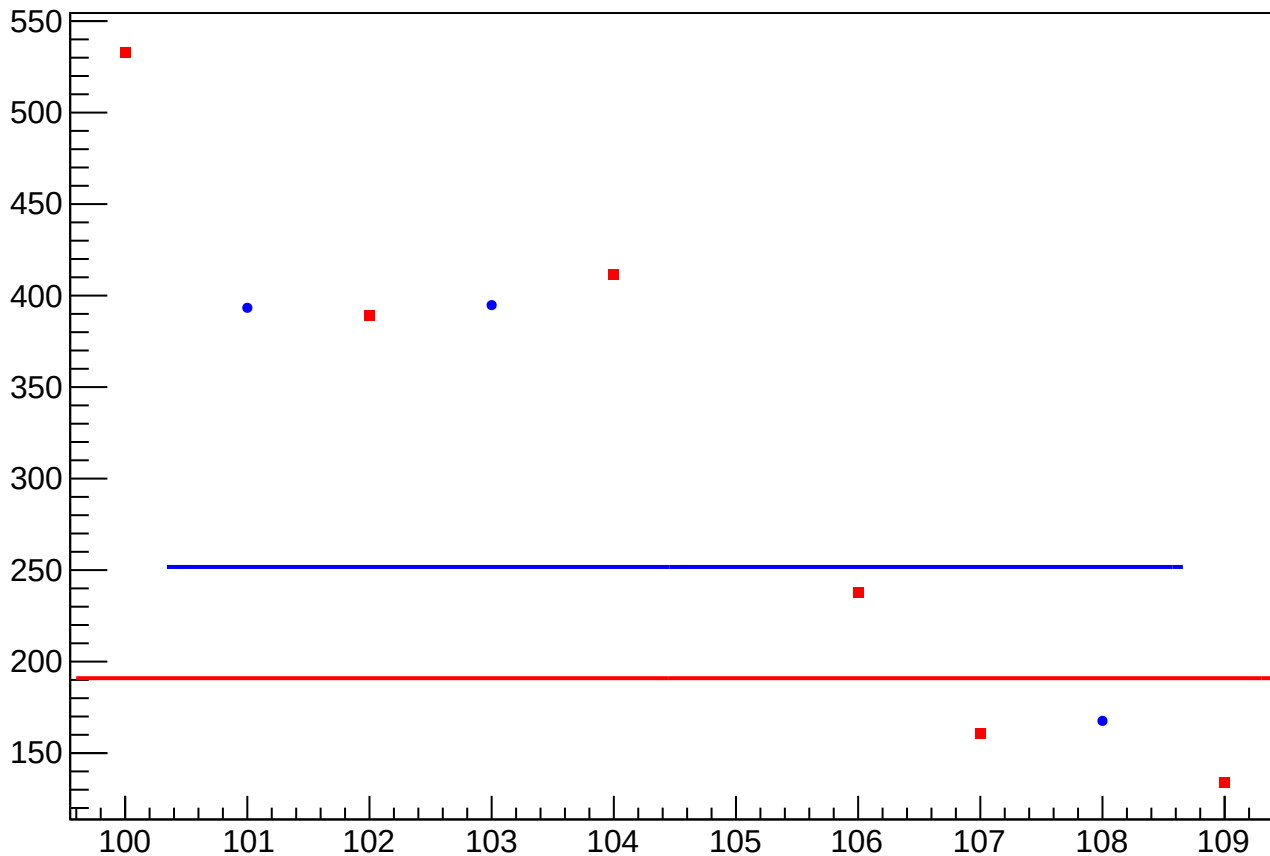
Right Out: 142705.249 $\pm$ 0.143 χ^2 /NDF: 39936084.0/5

All: 142638.199 $\pm$ 0.119 χ^2 /NDF: 77588146.0/10

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug



Right In: 251.715 $\pm$ 0.151 χ^2 /NDF: 523088.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.924 $\pm$ 0.101 χ^2 /NDF: 907344.4/5

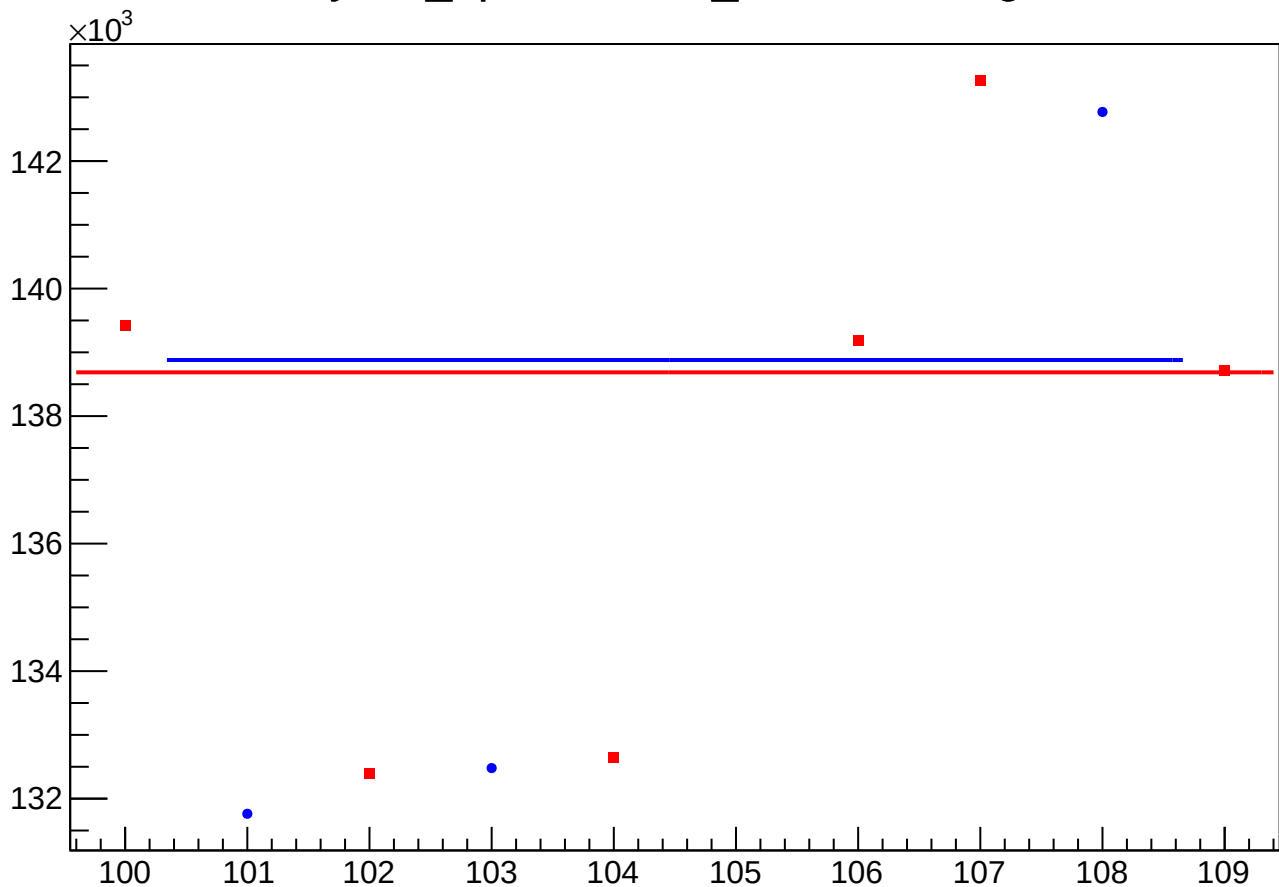
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 209.636 $\pm$ 0.084 χ^2 /NDF: 1542228.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_mean vs Slug



Right In: 138879.478 $\pm$ 0.253 χ^2 /NDF: 411035643.6/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

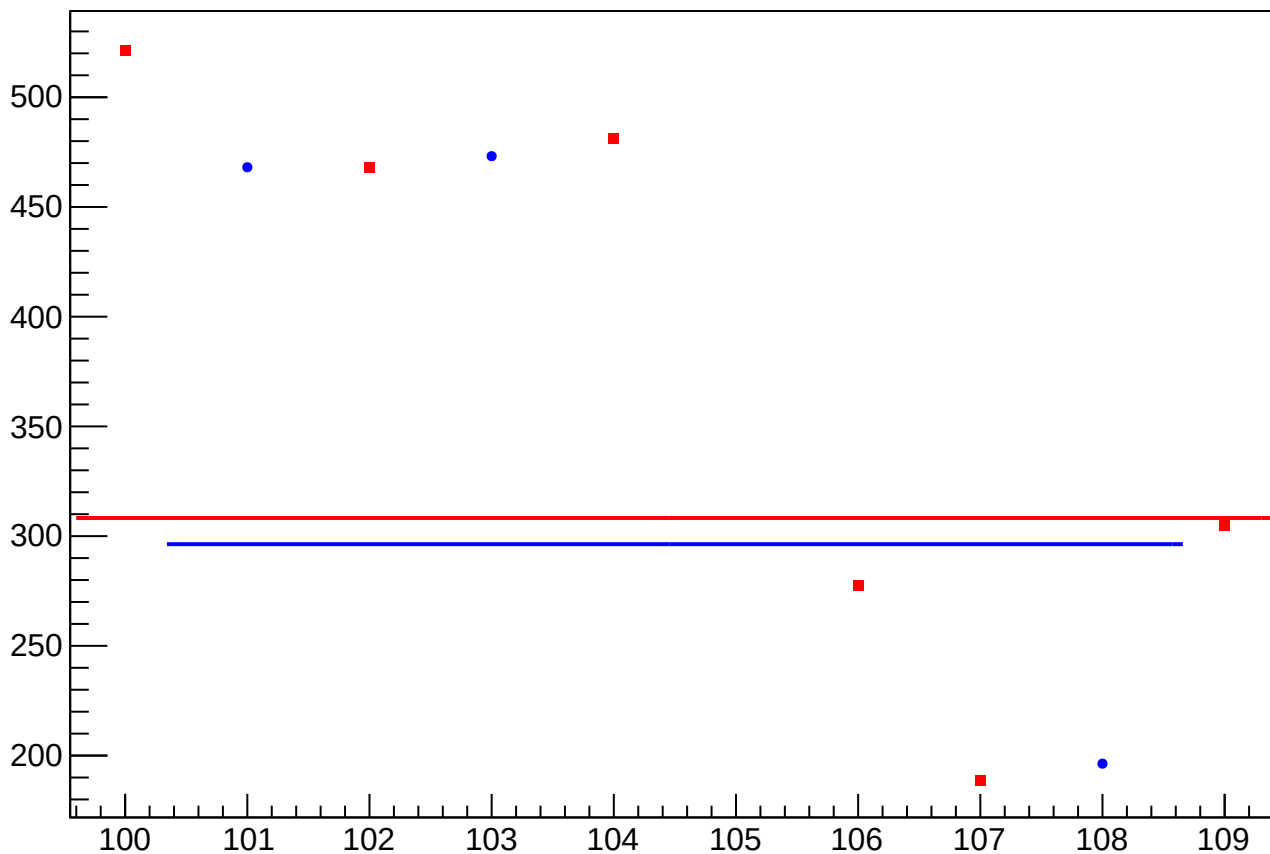
Right Out: 138686.138 $\pm$ 0.218 χ^2 /NDF: 331431627.1/5

All: 138768.541 $\pm$ 0.165 χ^2 /NDF: 742801067

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug



Right In: 296.333 $\pm$ 0.179 χ^2 /NDF: 542268.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 308.275 $\pm$ 0.154 χ^2 /NDF: 494186.0/5

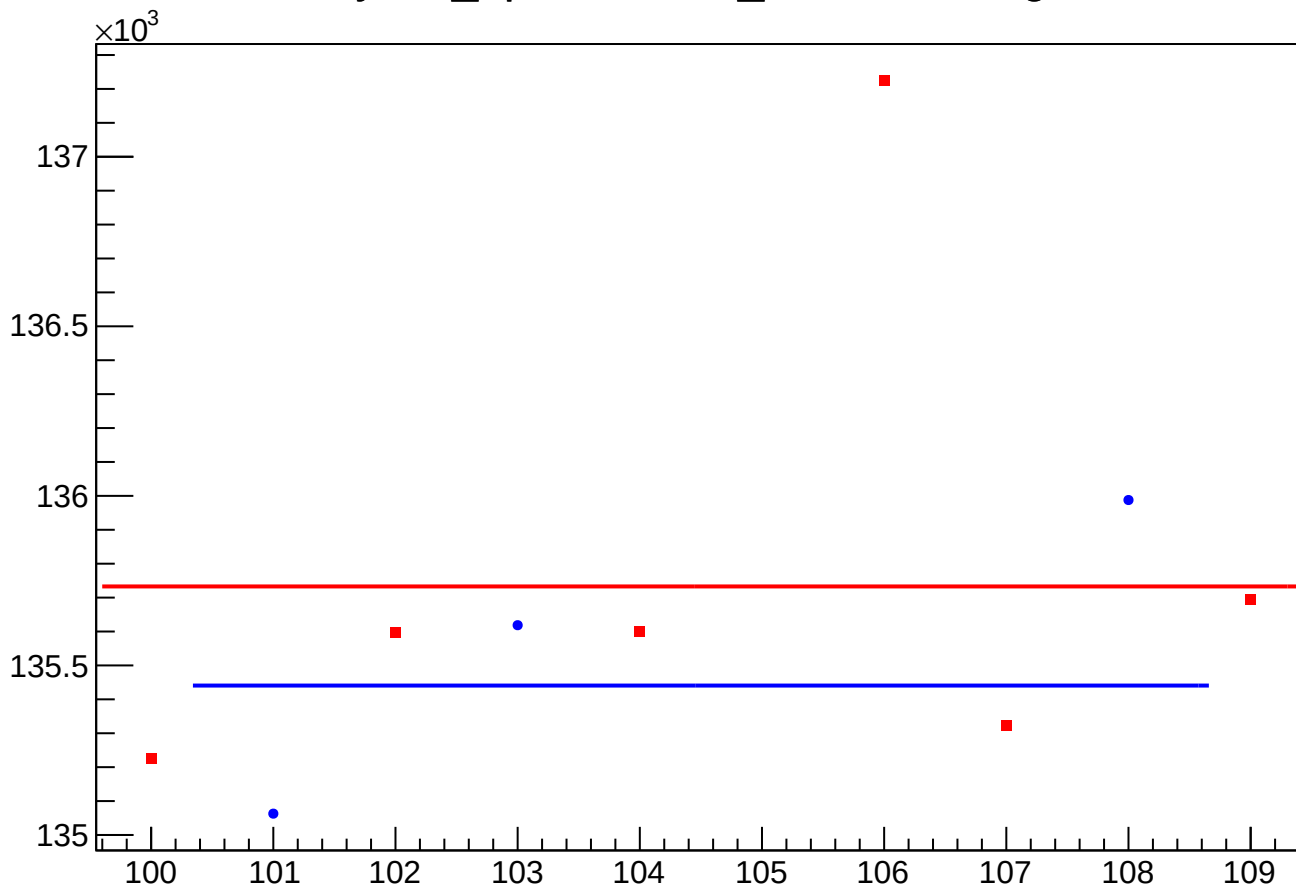
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 303.185 $\pm$ 0.117 χ^2 /NDF: 1039000.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_mean vs Slug



Right In: 135440.635 $\pm$ 0.301 χ^2 /NDF: 1393923.1/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

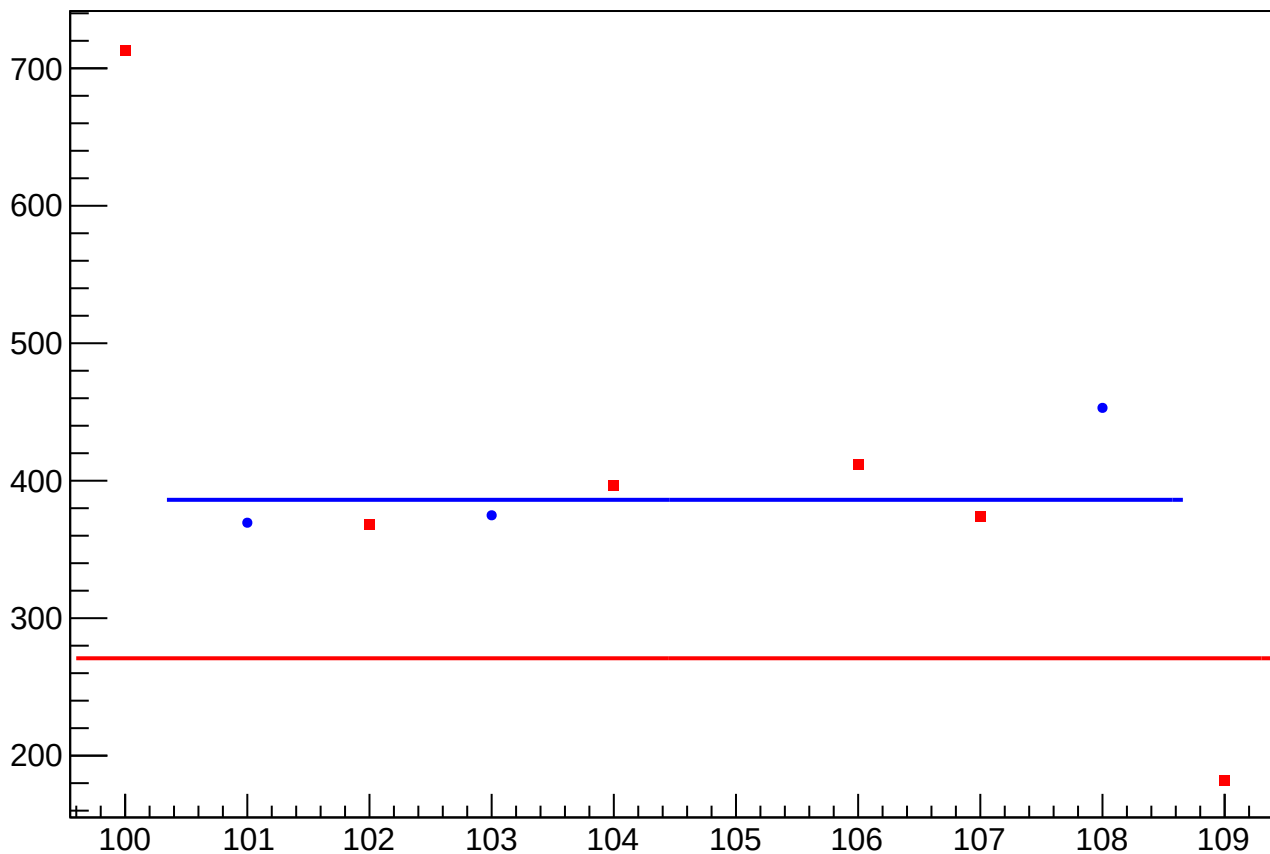
Right Out: 135732.904 $\pm$ 0.195 χ^2 /NDF: 4027083.2/5

All: 135646.531 $\pm$ 0.164 χ^2 /NDF: 6083193.3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_rms vs Slug



Right In: 386.105 $\pm$ 0.213 χ^2 /NDF: 20893.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 270.840 $\pm$ 0.138 χ^2 /NDF: 580874.5/5

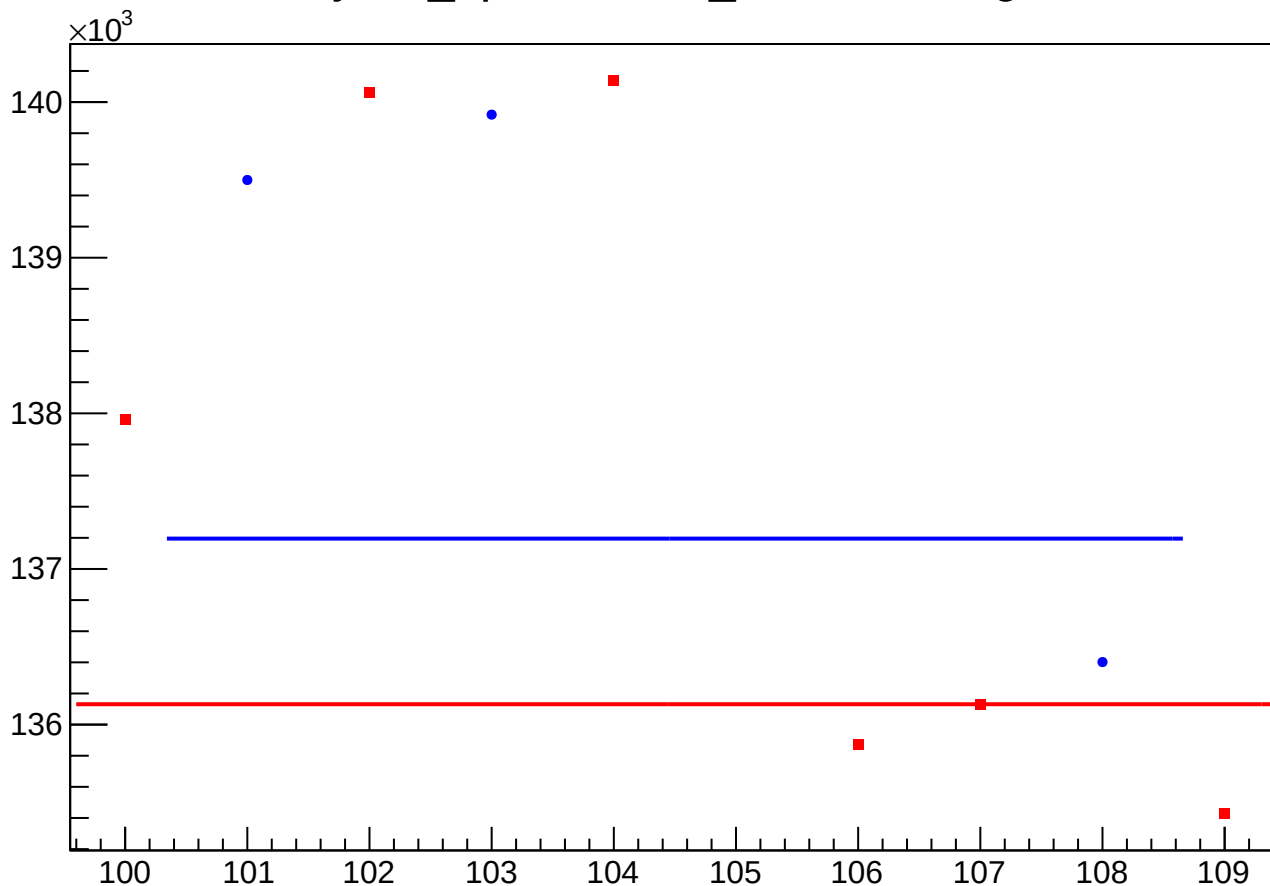
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 304.904 $\pm$ 0.116 χ^2 /NDF: 807755.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_mean vs Slug



Right In: 137195.102 $\pm$ 0.166 χ^2 /NDF: 72178113.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

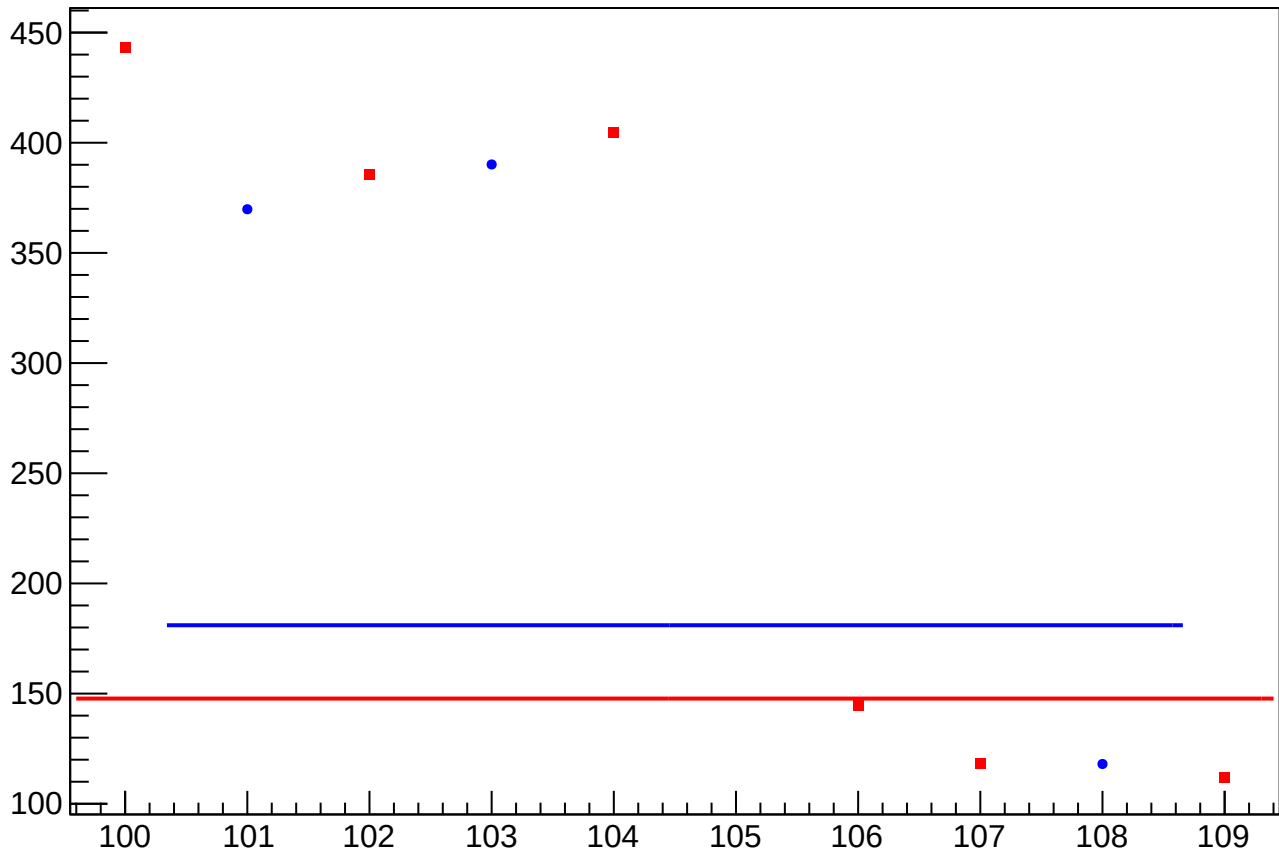
Right Out: 136130.855 $\pm$ 0.116 χ^2 /NDF: 139793265.7/5

All: 136480.185 $\pm$ 0.095 χ^2 /NDF: 239580204

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_rms vs Slug



Right In: 181.024+/-0.117 χ^2/NDF : 906511.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.745+/-0.082 χ^2/NDF : 1106857.6/5

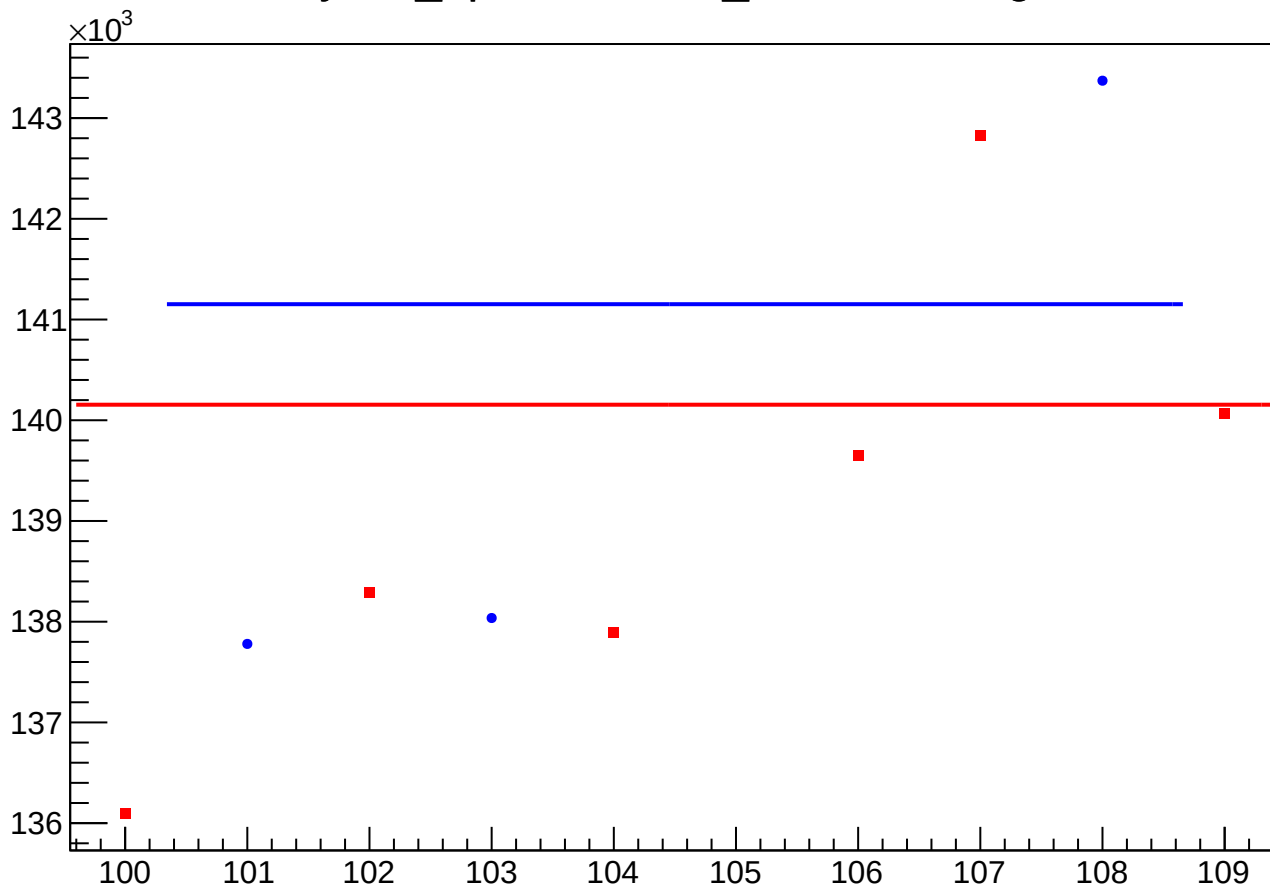
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.668+/-0.067 χ^2/NDF : 2067360.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aWS_mean vs Slug



Right In: 141152.256 $\pm$ 0.207 χ^2 /NDF: 168833099.5/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

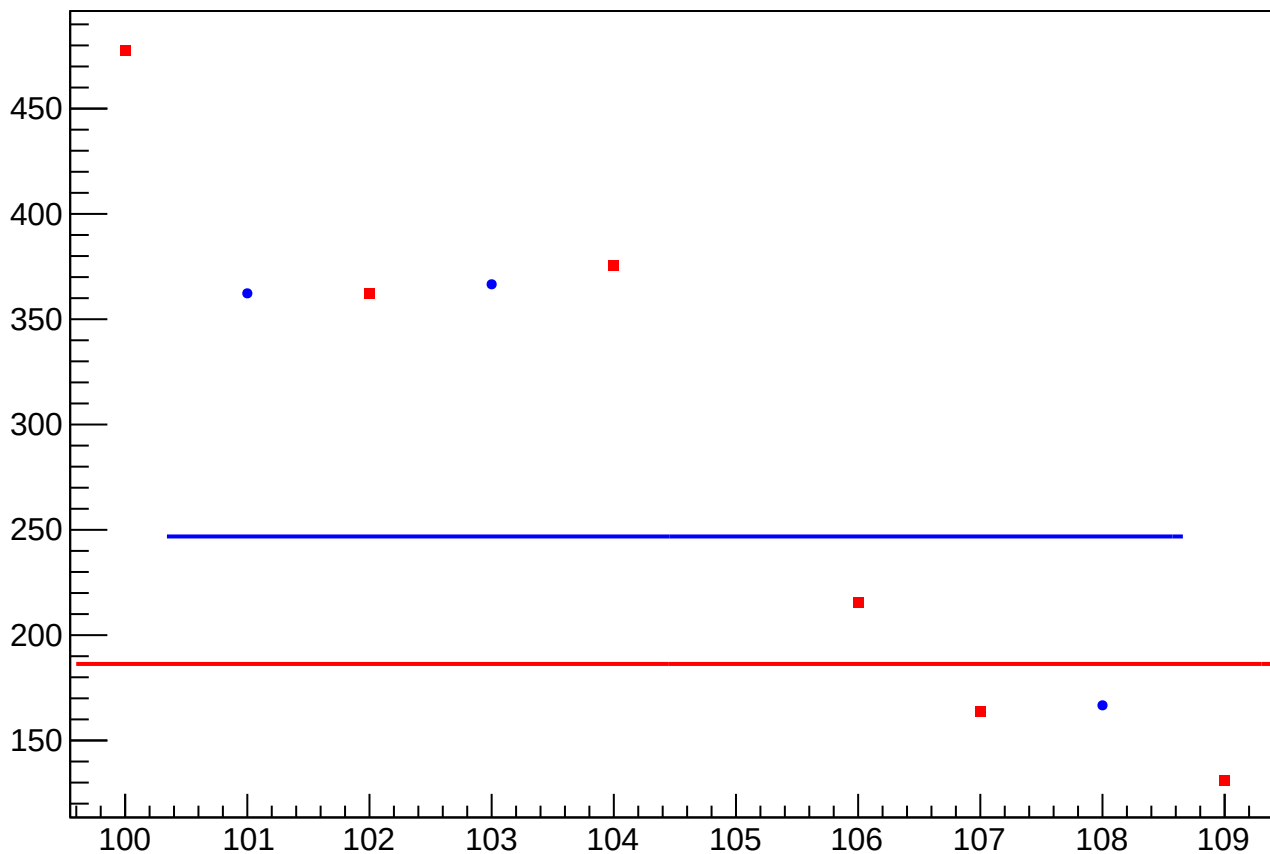
Right Out: 140154.351 $\pm$ 0.139 χ^2 /NDF: 106134563.5/5

All: 140464.745 $\pm$ 0.115 χ^2 /NDF: 291009493

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug



Right In: 246.856 $\pm$ 0.146 χ^2 /NDF: 440497.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.328 $\pm$ 0.098 χ^2 /NDF: 816357.4/5

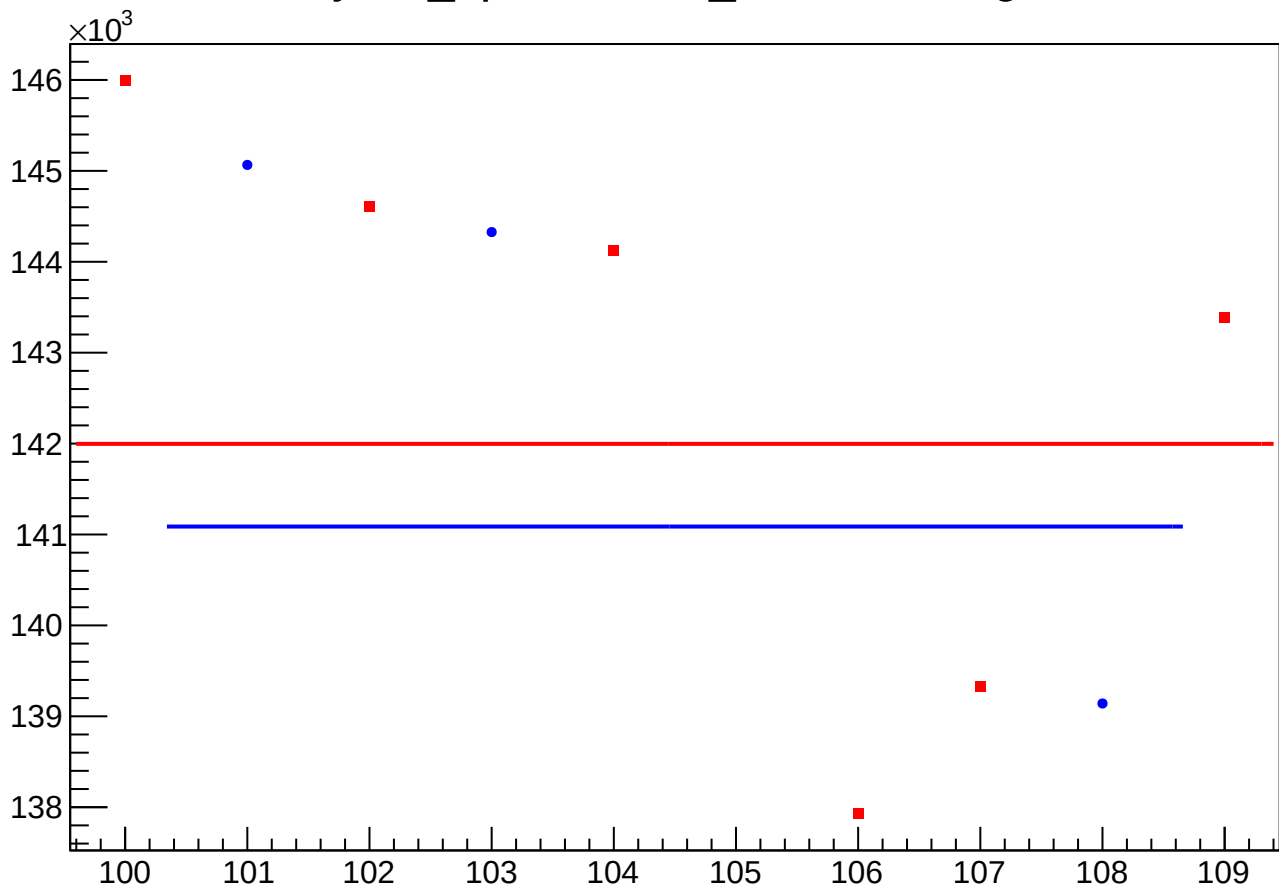
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 205.155 $\pm$ 0.082 χ^2 /NDF: 1374891.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_mean vs Slug



Right In: 141087.471 $\pm$ 0.190 χ^2 /NDF: 196177019.0/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

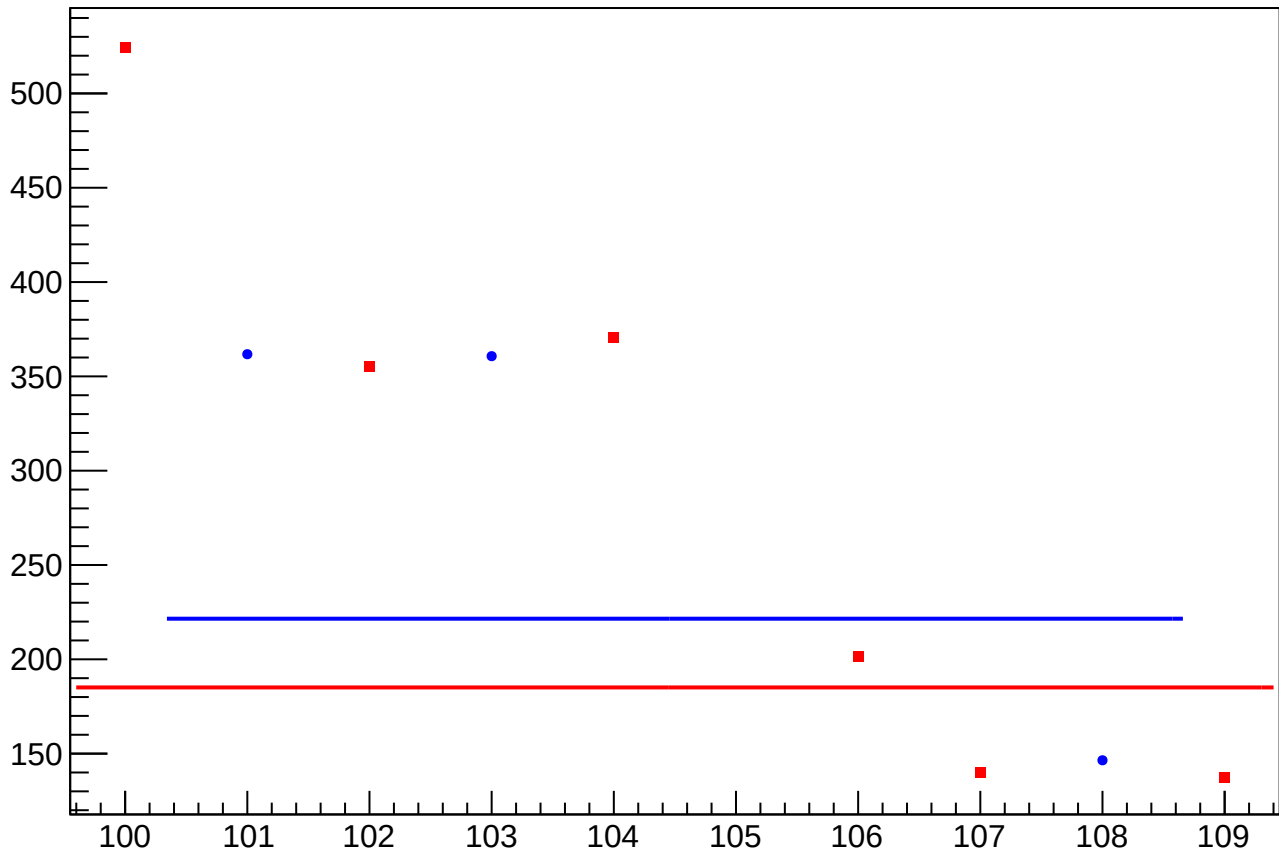
Right Out: 141997.059 $\pm$ 0.137 χ^2 /NDF: 295441878.9/5

All: 141685.336 $\pm$ 0.111 χ^2 /NDF: 506646785

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_rms vs Slug



Right In: 221.532 $\pm$ 0.135 χ^2 /NDF: 579612.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 185.091 $\pm$ 0.097 χ^2 /NDF: 786325.7/5

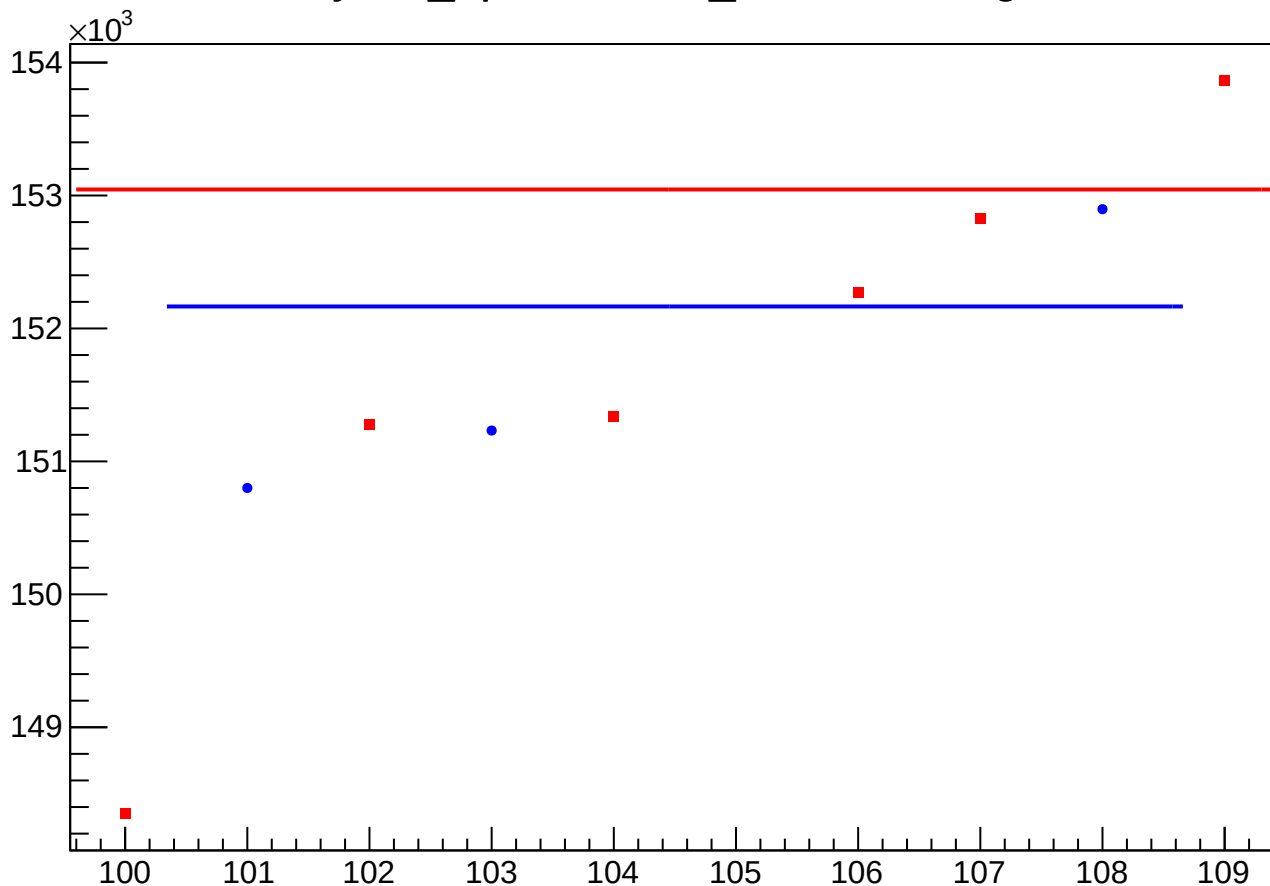
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 197.580 $\pm$ 0.079 χ^2 /NDF: 1414179.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 152165.288 $\pm$ 0.210 χ^2 /NDF: 19691387.0/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

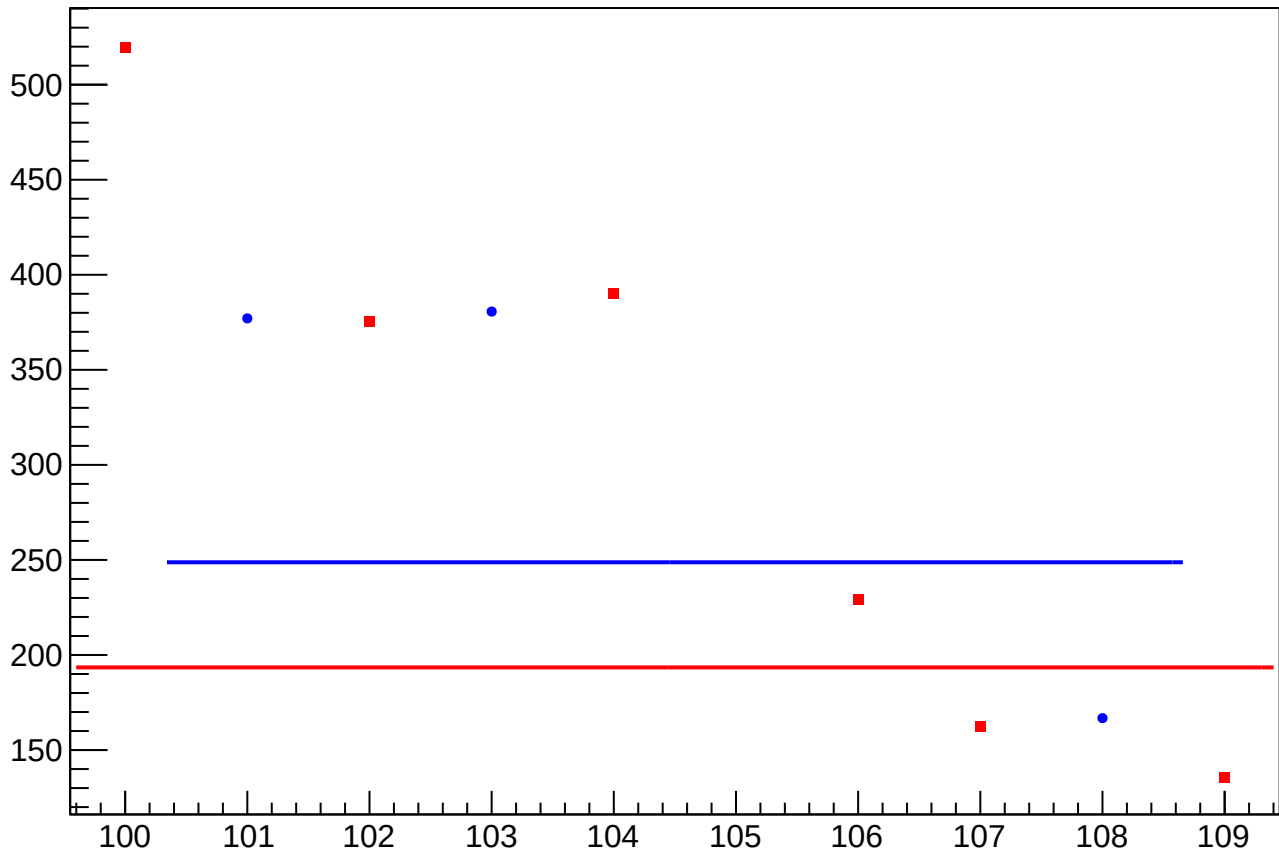
Right Out: 153045.359 $\pm$ 0.144 χ^2 /NDF: 50783678.5/5

All: 152762.514 $\pm$ 0.119 χ^2 /NDF: 82409502.0/10

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 248.772 $\pm$ 0.148 χ^2 /NDF: 484060.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 193.464 $\pm$ 0.102 χ^2 /NDF: 826359.7/5

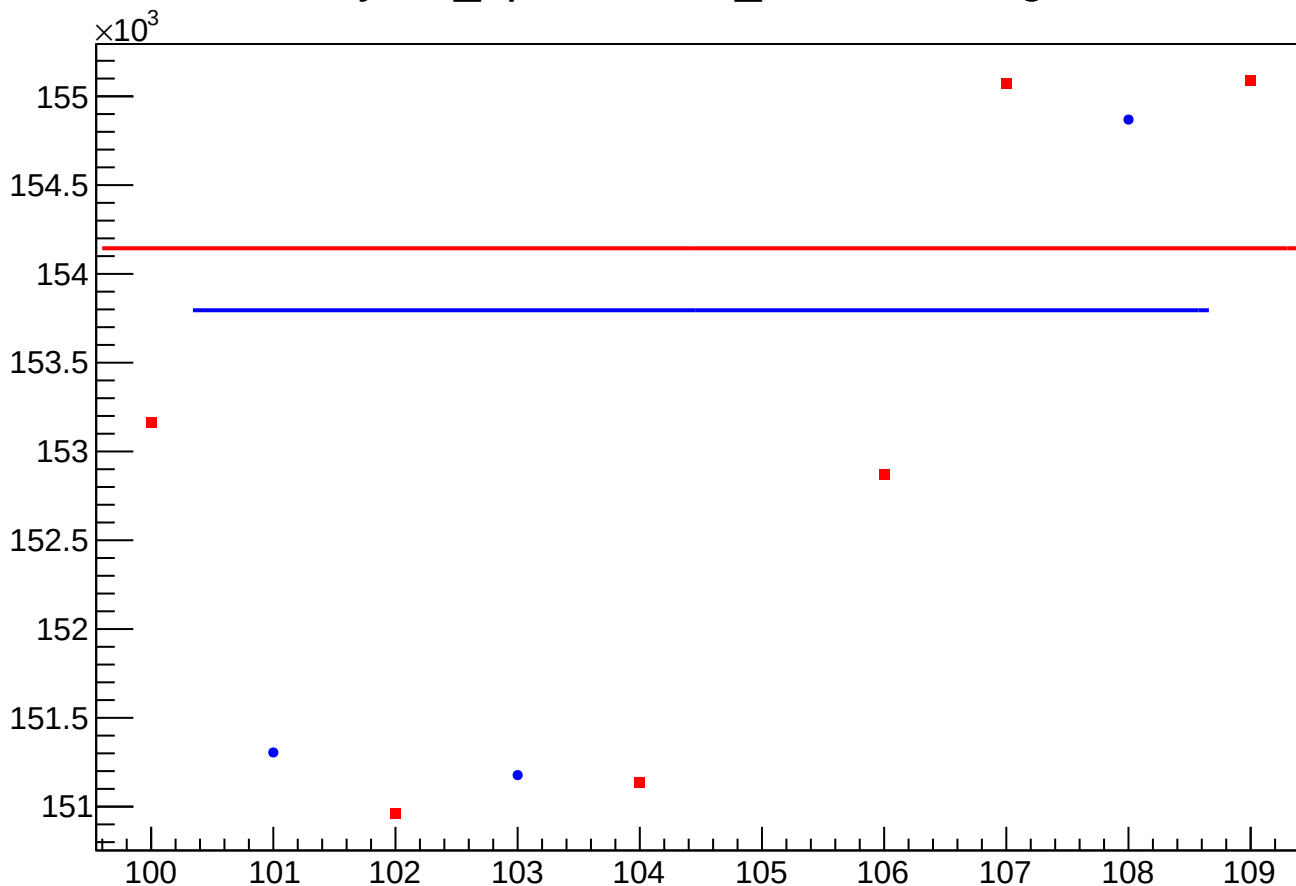
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 211.239 $\pm$ 0.084 χ^2 /NDF: 1404689.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_mean vs Slug



Right In: 153795.240 $\pm$ 0.192 χ^2 /NDF: 74032465.9/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

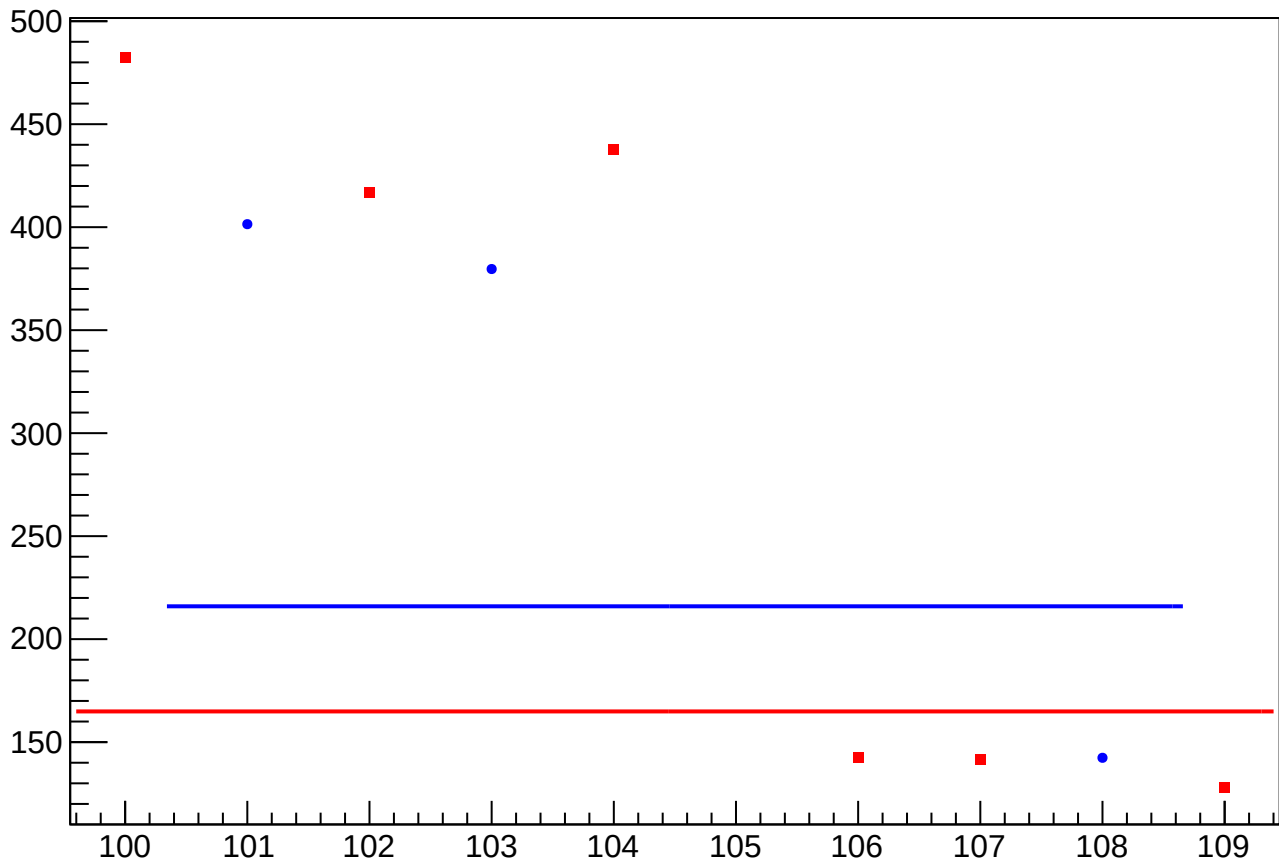
All: 154042.253 $\pm$ 0.104 χ^2 /NDF: 202337082

Right Out: 154144.240 $\pm$ 0.124 χ^2 /NDF: 125977311.6/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_rms vs Slug



Right In: 215.942 $\pm$ 0.136 χ^2 /NDF: 696119.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.907 $\pm$ 0.087 χ^2 /NDF: 1052031.5/5

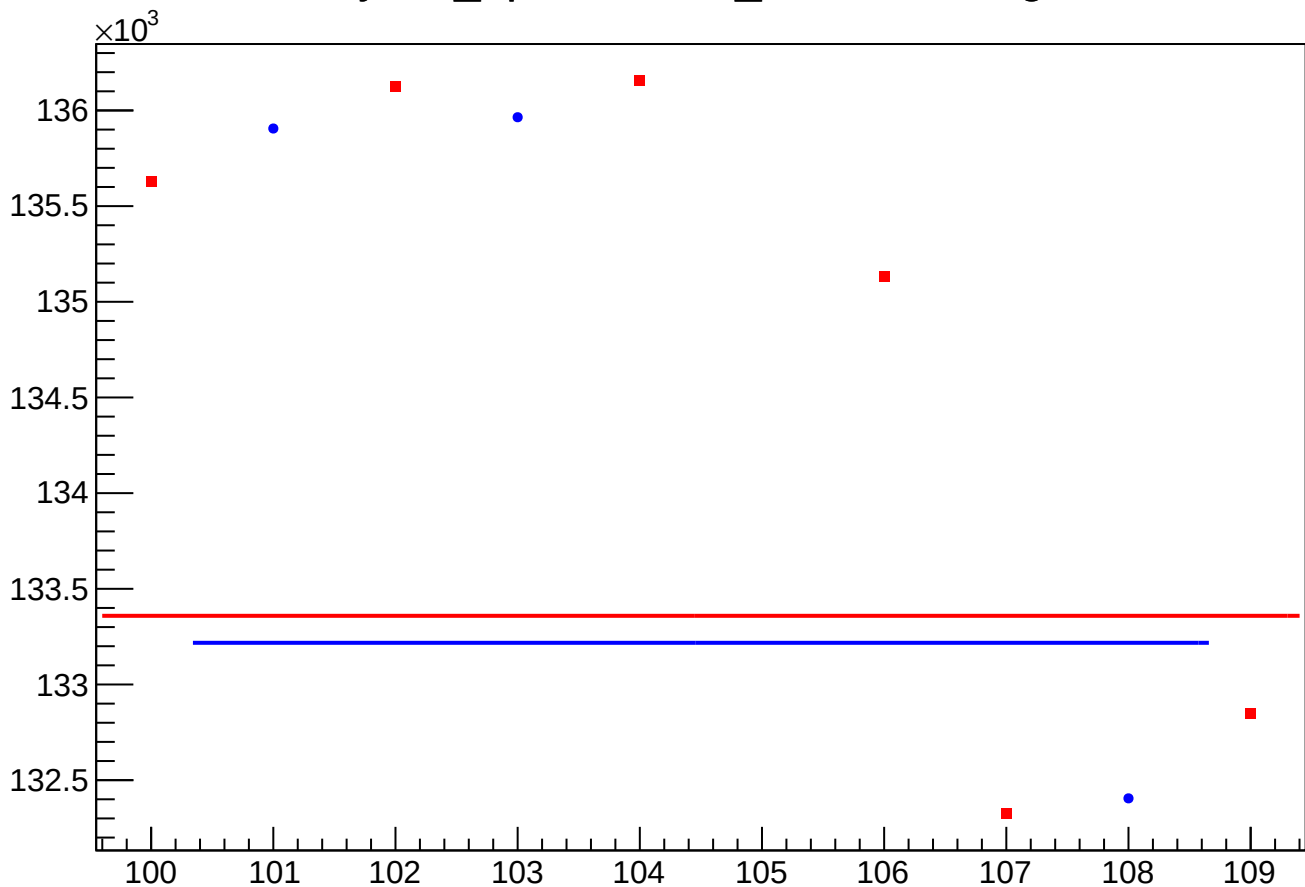
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 179.821 $\pm$ 0.074 χ^2 /NDF: 1847680.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_mean vs Slug



Right In: 133217.853 $\pm$ 0.158 χ^2 /NDF: 88131387.6/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

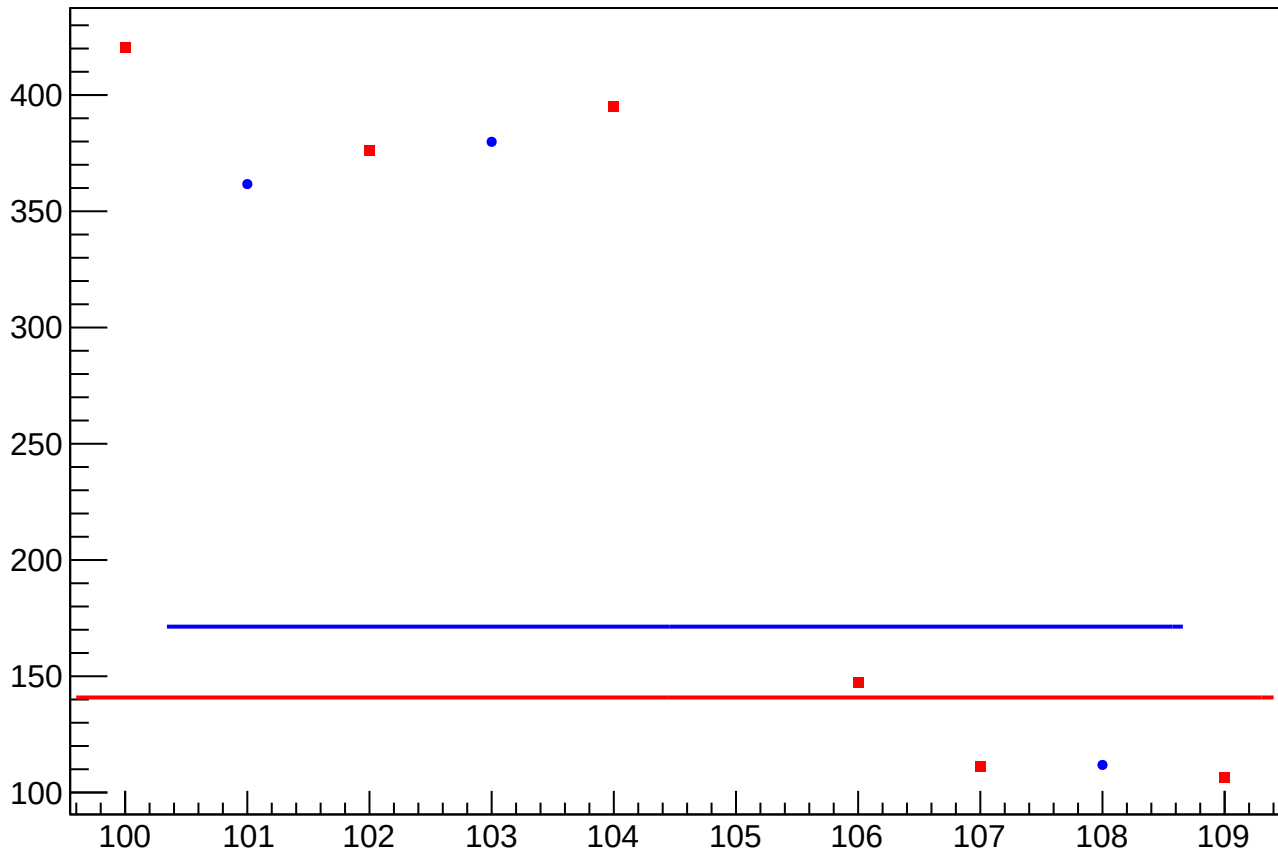
All: 133313.215 $\pm$ 0.090 χ^2 /NDF: 219094116

Right Out: 133358.917 $\pm$ 0.110 χ^2 /NDF: 130425530.4/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug



Right In: 171.339+/-0.112 χ^2/NDF : 945165.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 140.872+/-0.077 χ^2/NDF : 1140836.2/5

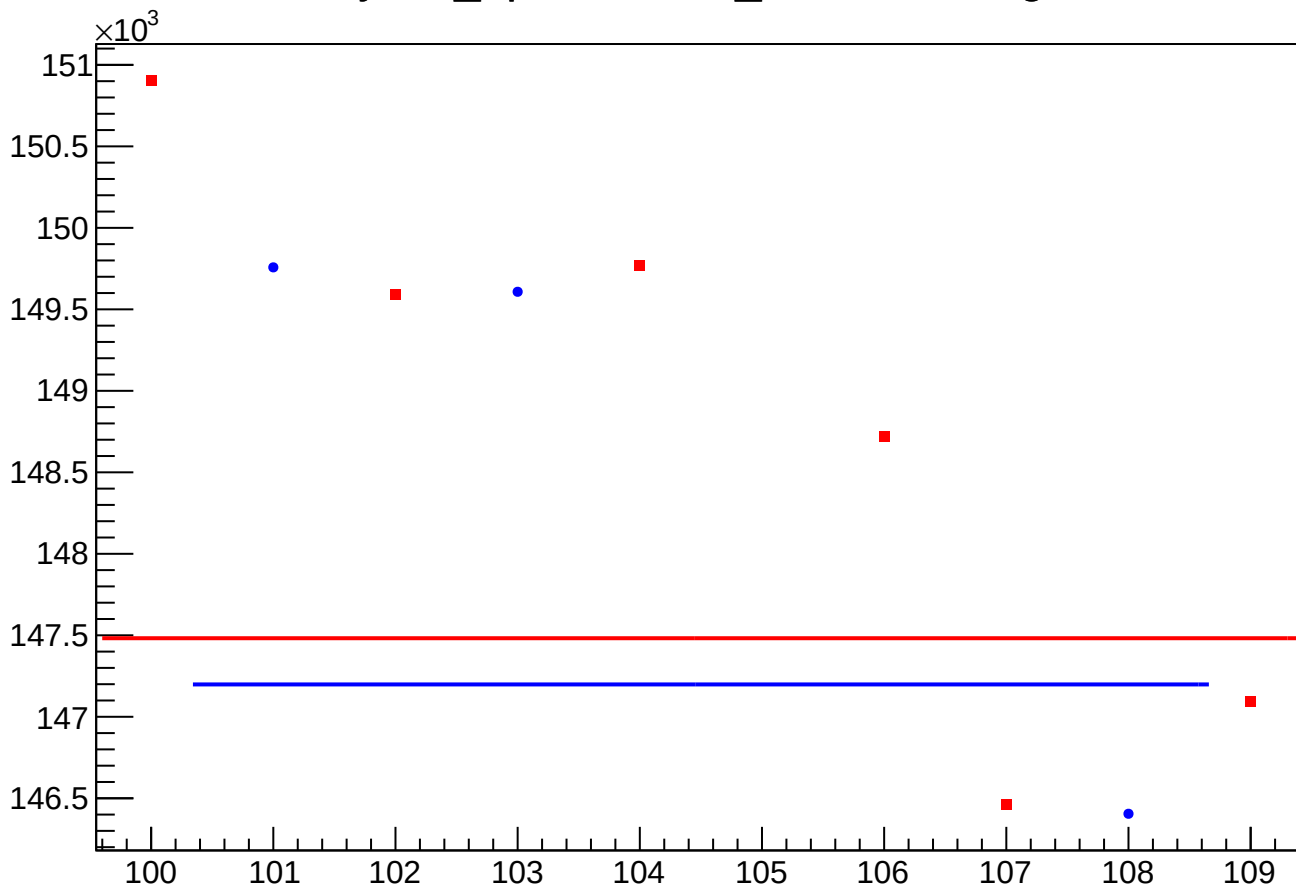
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 150.742+/-0.064 χ^2/NDF : 2136119.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06WS_mean vs Slug



Right In: 147198.552 $\pm$ 0.175 χ^2 /NDF: 64199044.1/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

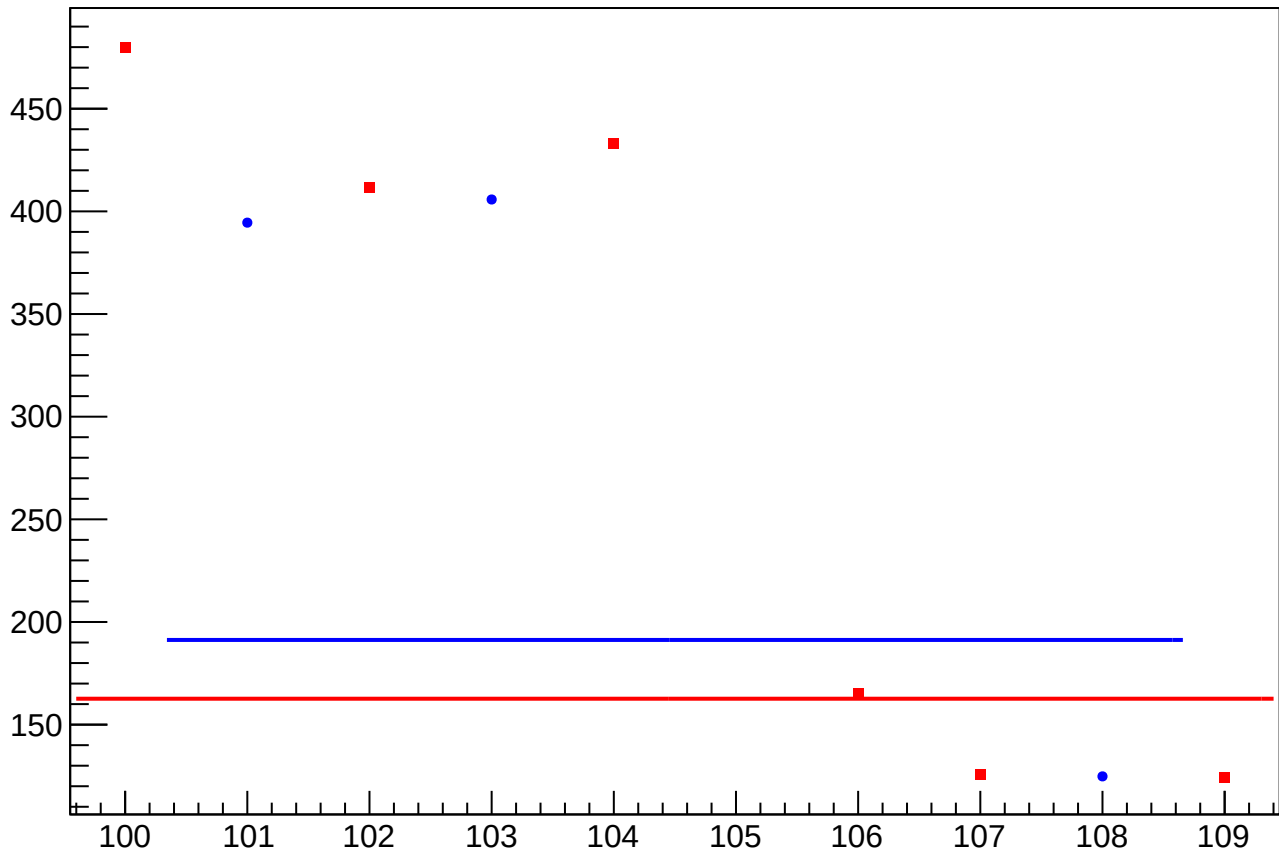
All: 147387.893 $\pm$ 0.101 χ^2 /NDF: 137835791

Right Out: 147482.067 $\pm$ 0.124 χ^2 /NDF: 71893674.7/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06WS_rms vs Slug



Right In: 191.253+/-0.124 χ^2/NDF : 900147.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.630+/-0.088 χ^2/NDF : 1079738.0/5

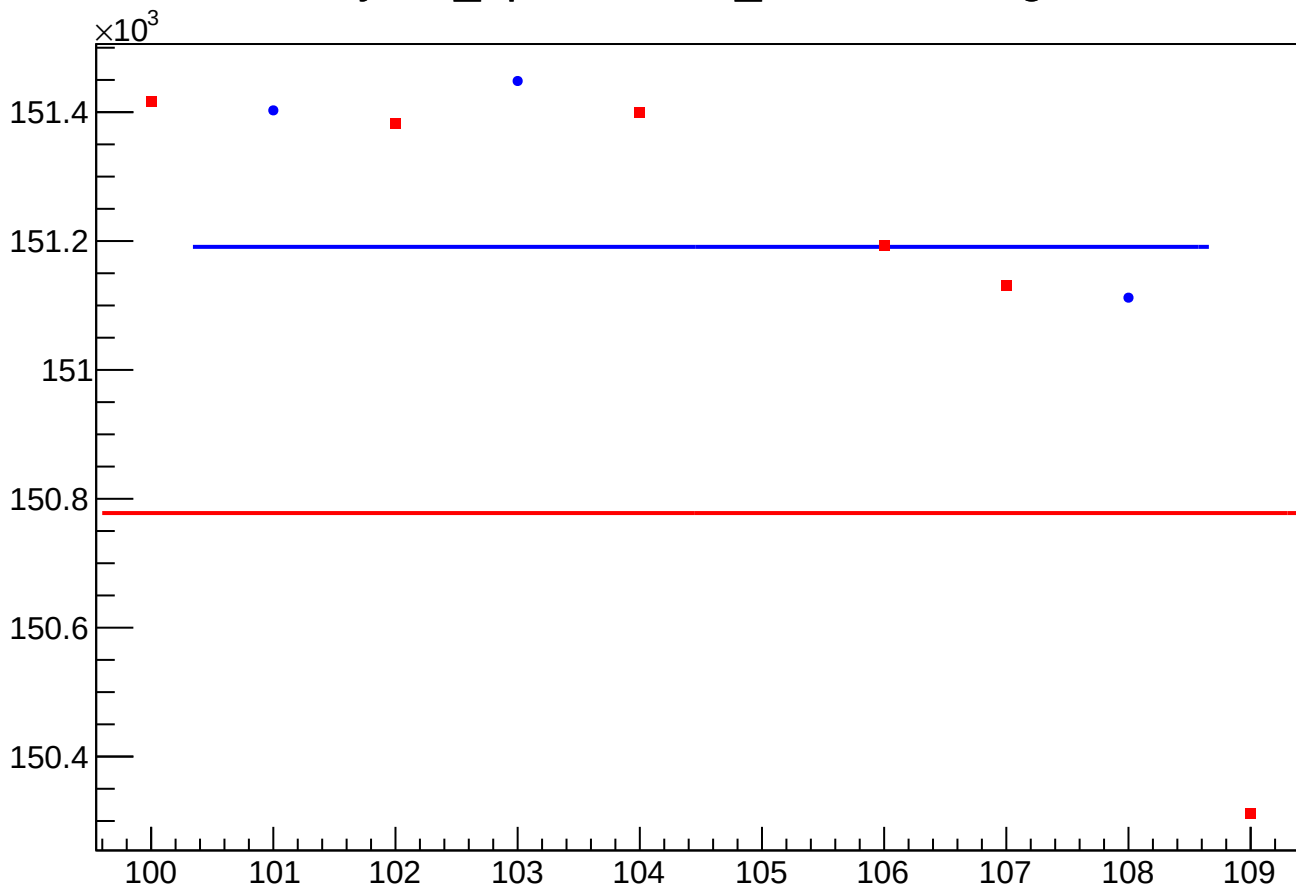
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.137+/-0.072 χ^2/NDF : 2015418.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 151190.975 $\pm$ 0.172 χ^2 /NDF: 626099.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

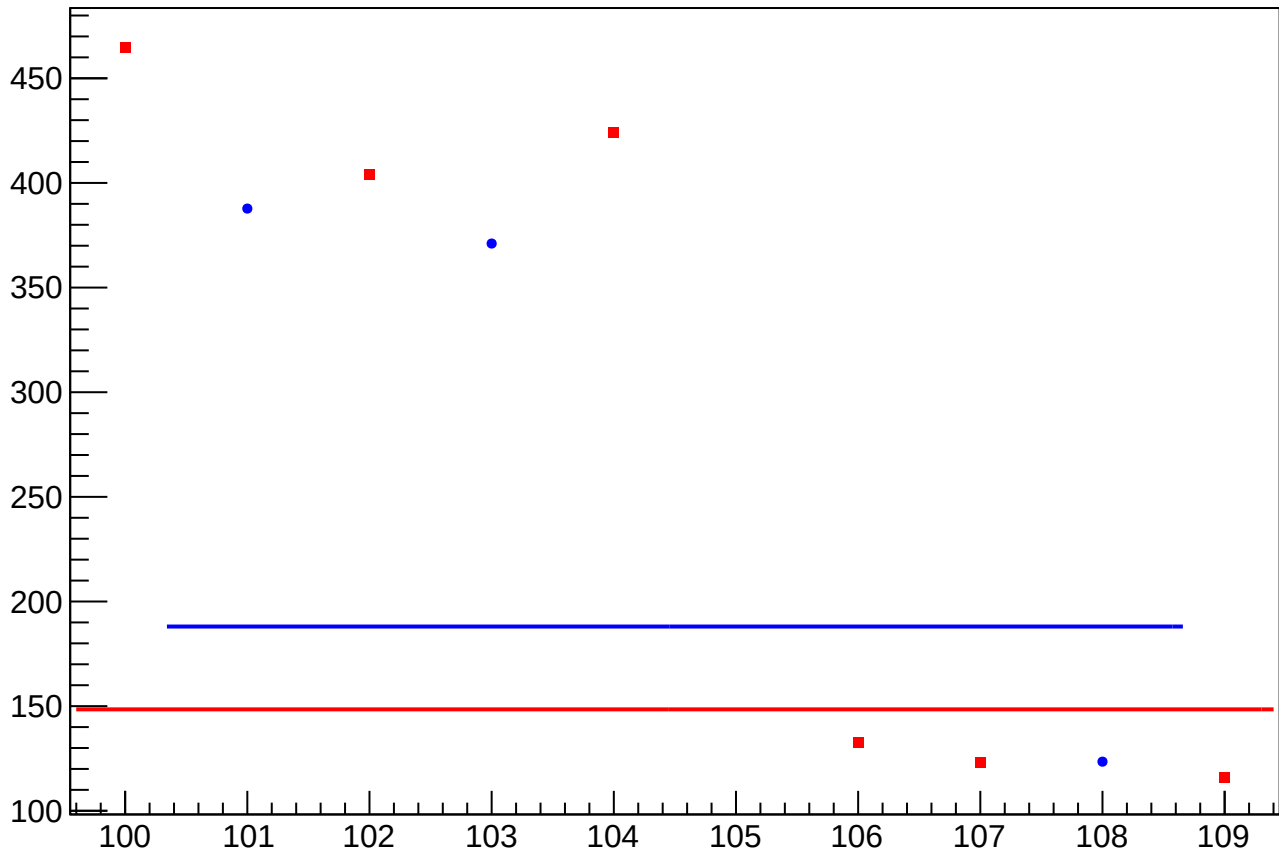
Right Out: 150777.864 $\pm$ 0.113 χ^2 /NDF: 15974600.8/5

All: 150901.752 $\pm$ 0.094 χ^2 /NDF: 20626756.

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 188.041 $\pm$ 0.122 χ^2 /NDF: 834839.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.465 $\pm$ 0.080 χ^2 /NDF: 1132208.9/5

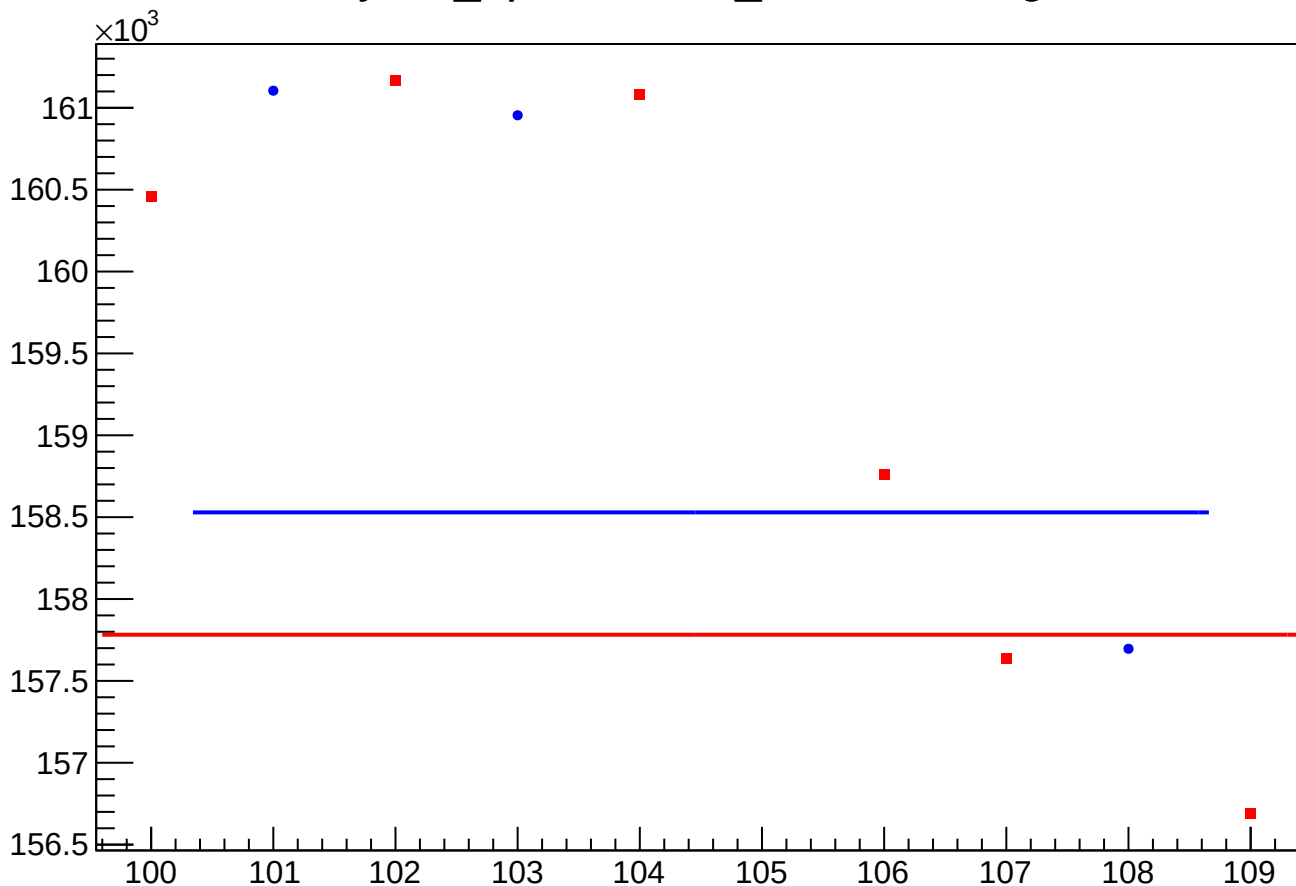
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.333 $\pm$ 0.067 χ^2 /NDF: 2040946.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_mean vs Slug



Right In: 158529.046 $\pm$ 0.181 χ^2 /NDF: 63841944.2/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

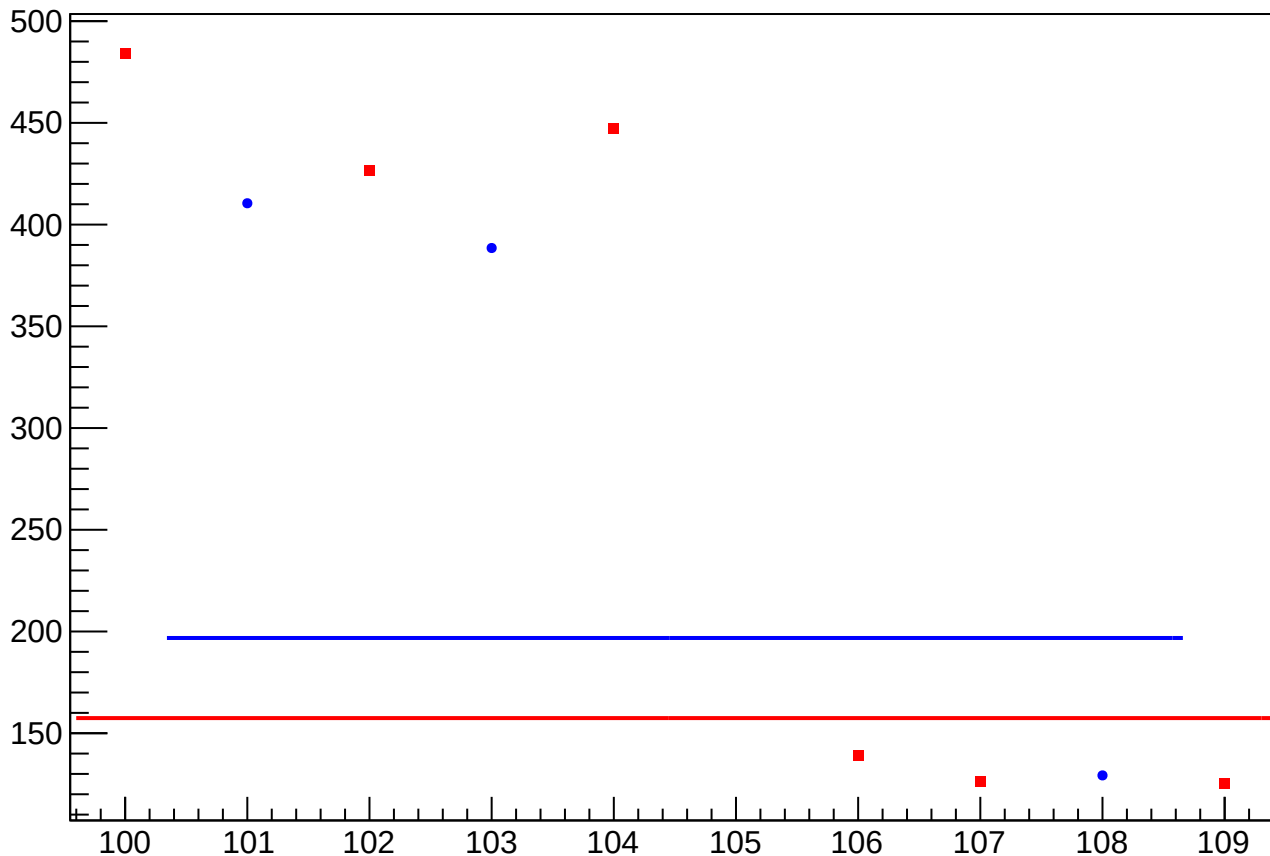
All: 158008.743 $\pm$ 0.100 χ^2 /NDF: 201699116

Right Out: 157781.958 $\pm$ 0.119 χ^2 /NDF: 125956848.4/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_rms vs Slug



Right In: 196.813 $\pm$ 0.128 χ^2 /NDF: 840919.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 157.439 $\pm$ 0.084 χ^2 /NDF: 1123587.4/5

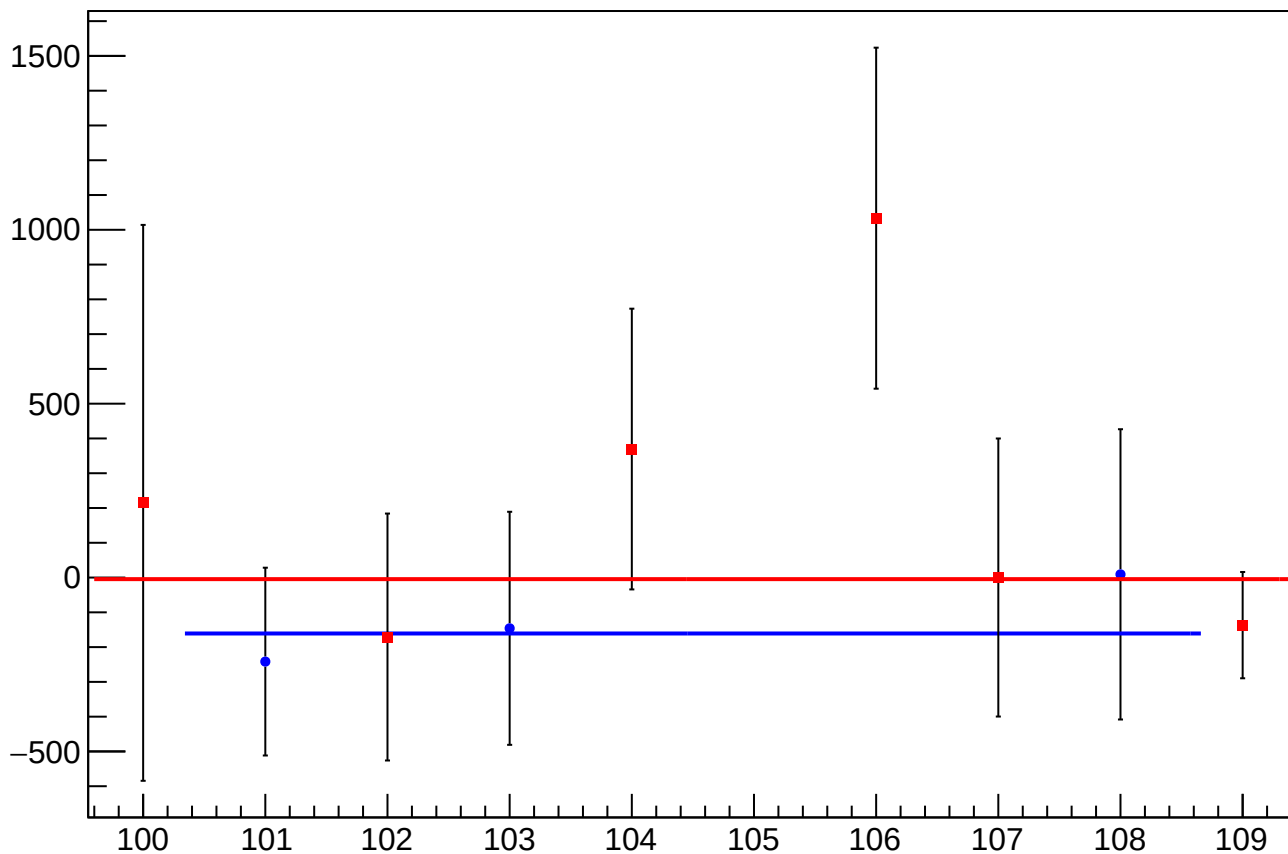
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 169.391 $\pm$ 0.070 χ^2 /NDF: 2030617.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_target_mean vs Slug



Right In: -160.826 ± 187.762 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.526 ± 120.495 χ^2/NDF : 6.4/5

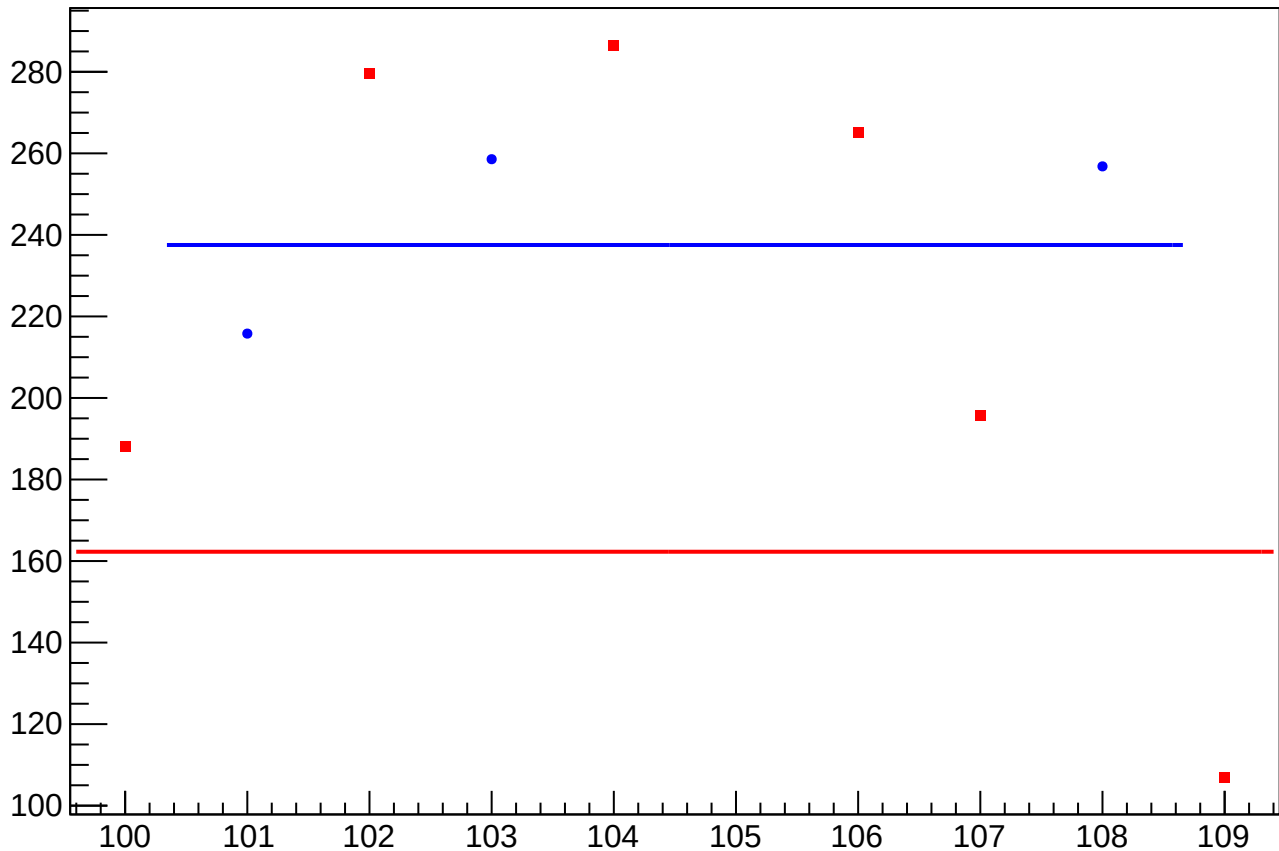
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.119 ± 101.409 χ^2/NDF : 7.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_target_rms vs Slug



Right In: 237.525 $\pm$ 0.133 χ^2 /NDF: 25117.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.283 $\pm$ 0.085 χ^2 /NDF: 773911.5/5

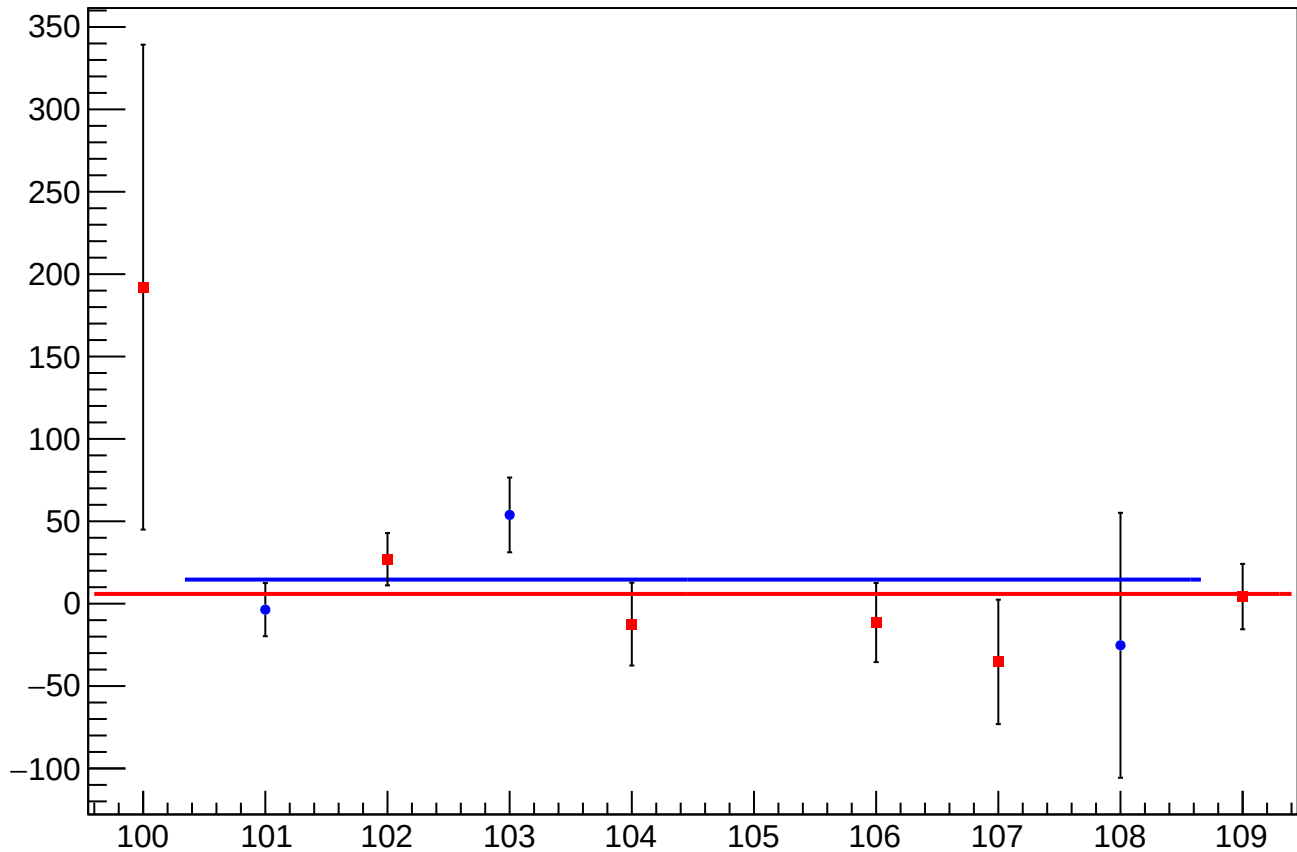
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.231 $\pm$ 0.072 χ^2 /NDF: 1026510.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_diff_mean vs Slug



Right In: 14.617 $\pm$ 12.972 χ^2/NDF : 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 5.922 $\pm$ 9.727 χ^2/NDF : 5.6/5

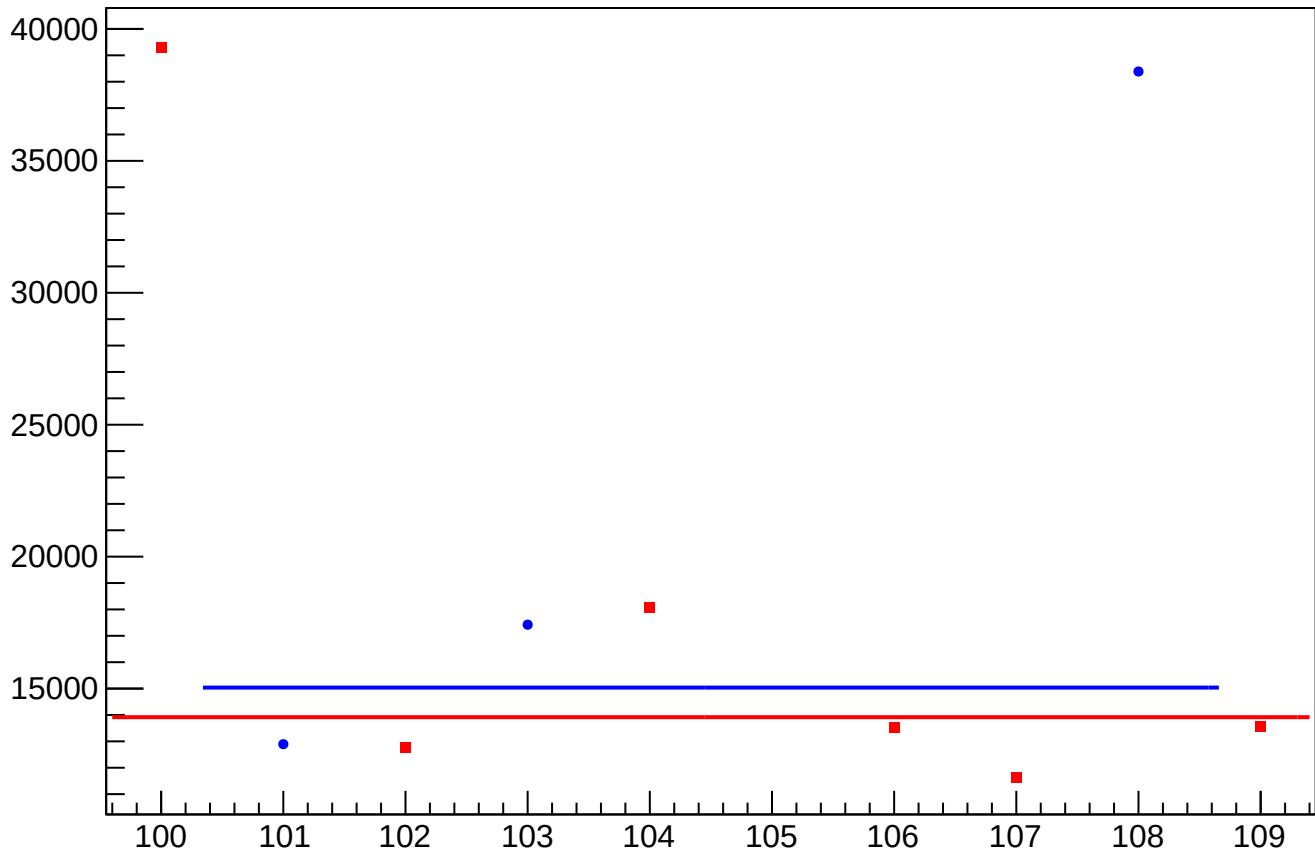
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 9.051 $\pm$ 7.782 χ^2/NDF : 10.4/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_rms vs Slug



Right In: 15037.716+/-9.173 χ^2/NDF : 226044.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

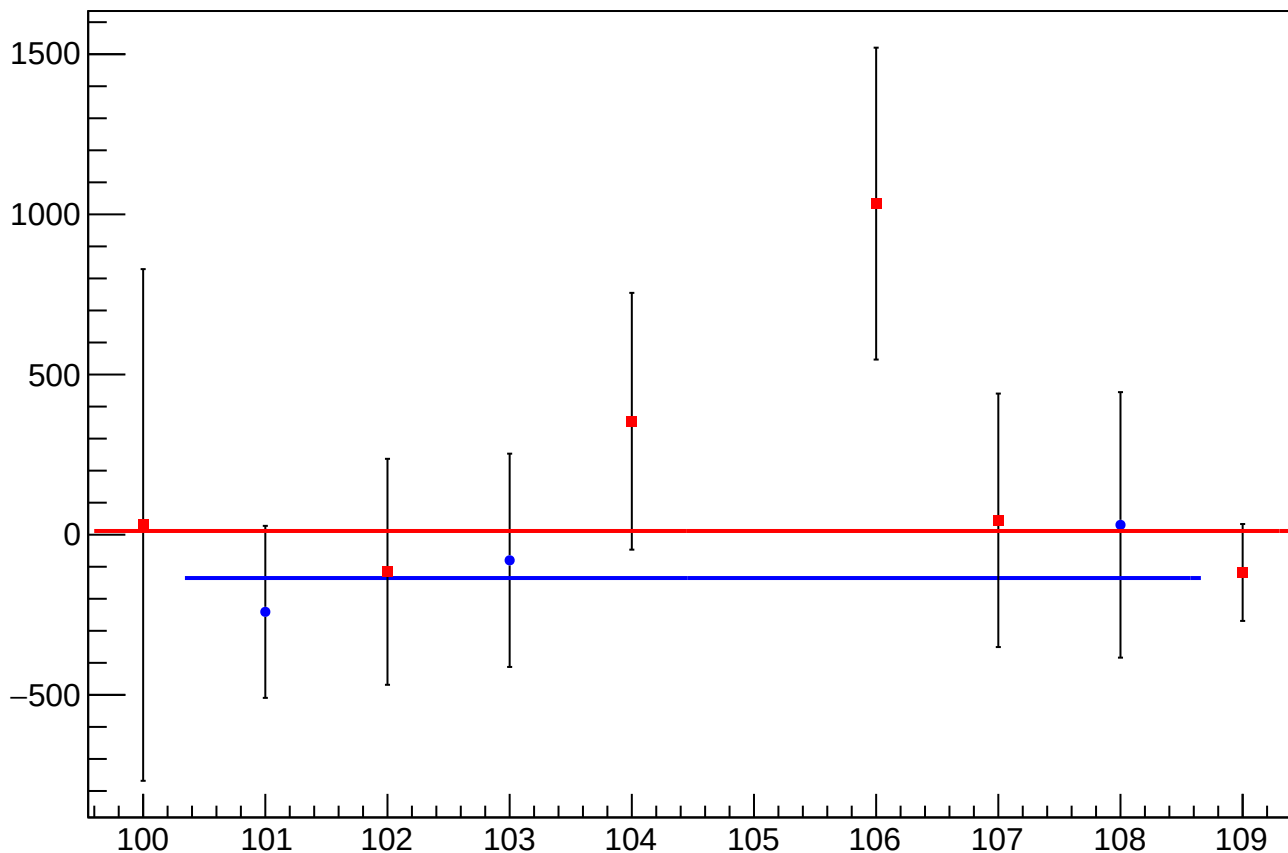
Right Out: 13915.585+/-6.878 χ^2/NDF : 132673.5/5

All: 14319.439+/-5.503 χ^2/NDF : 368298.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: -135.240 ± 186.606 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.637 ± 119.387 χ^2/NDF : 6.0/5

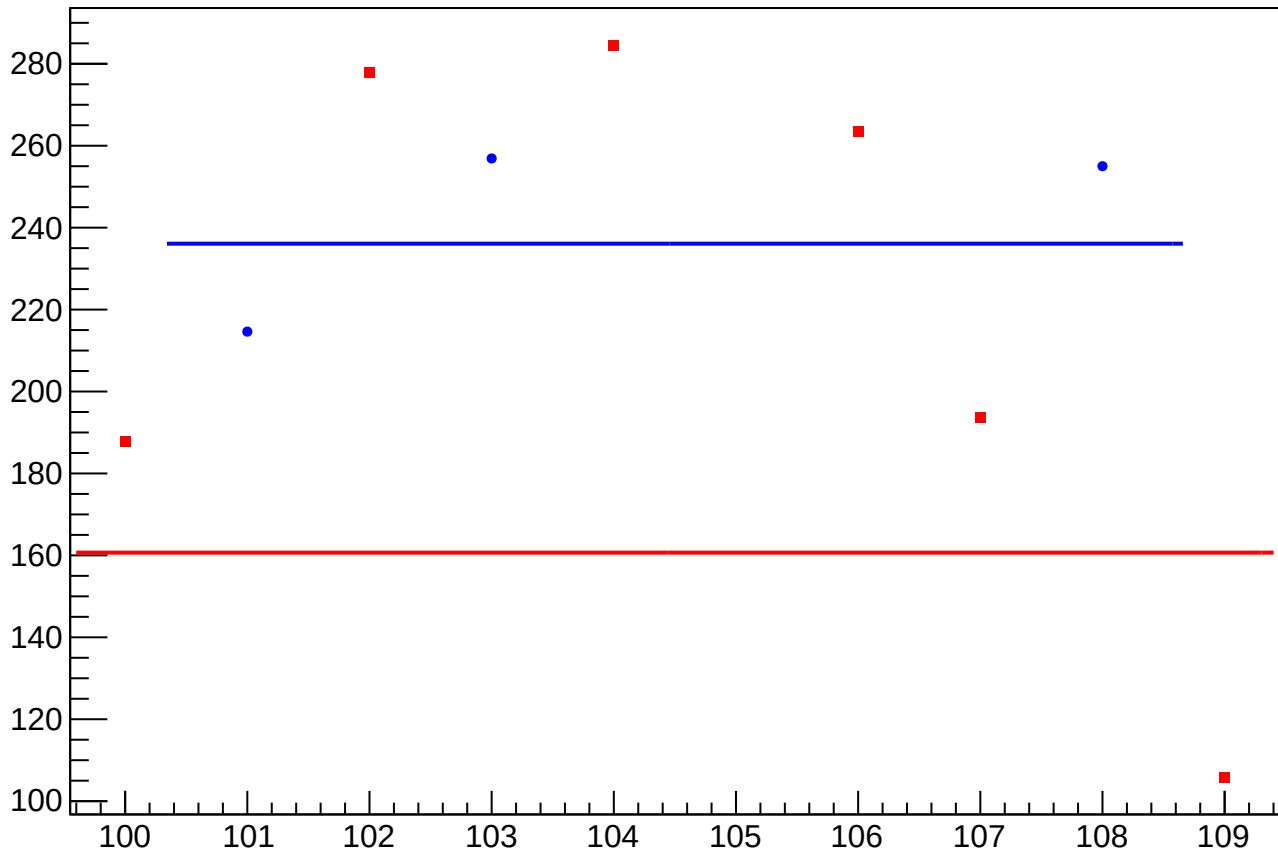
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.022 ± 100.566 χ^2/NDF : 6.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 236.088 $\pm$ 0.132 χ^2 /NDF: 24764.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.667 $\pm$ 0.084 χ^2 /NDF: 779432.5/5

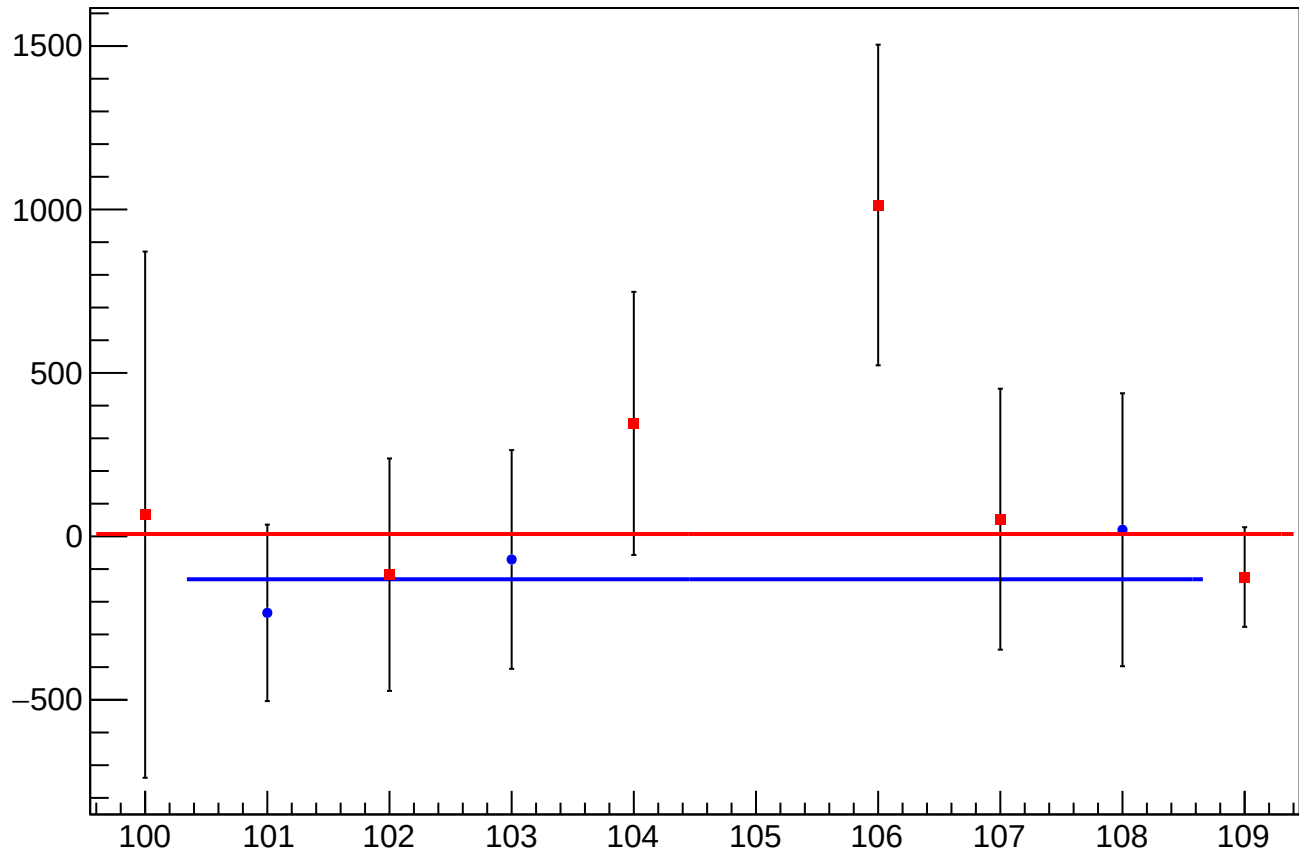
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.572 $\pm$ 0.071 χ^2 /NDF: 1036021.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: -131.207 $\pm$ 187.668 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.196 $\pm$ 120.276 χ^2 /NDF: 5.8/5

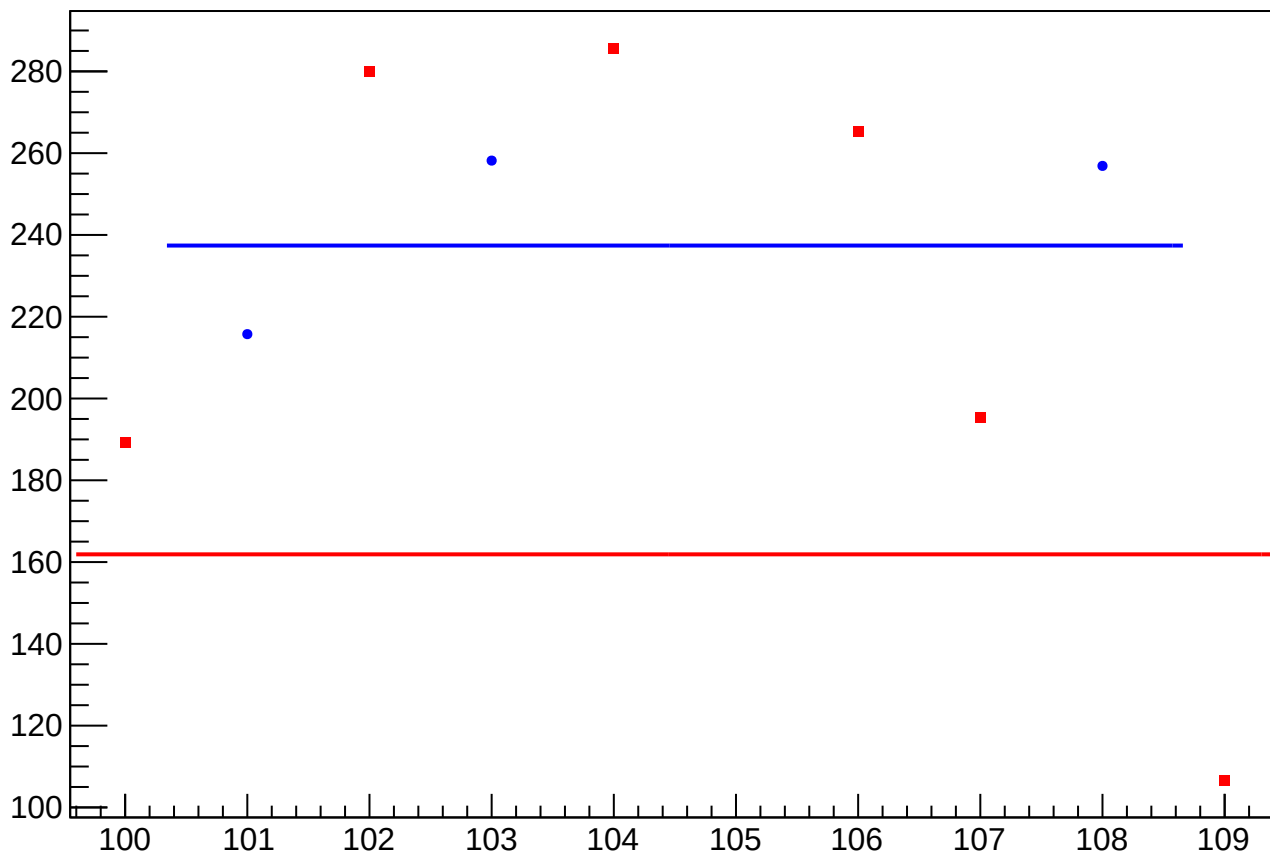
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.101 $\pm$ 101.264 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 237.406 $\pm$ 0.133 χ^2 /NDF: 24946.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 161.891 $\pm$ 0.085 χ^2 /NDF: 777754.3/5

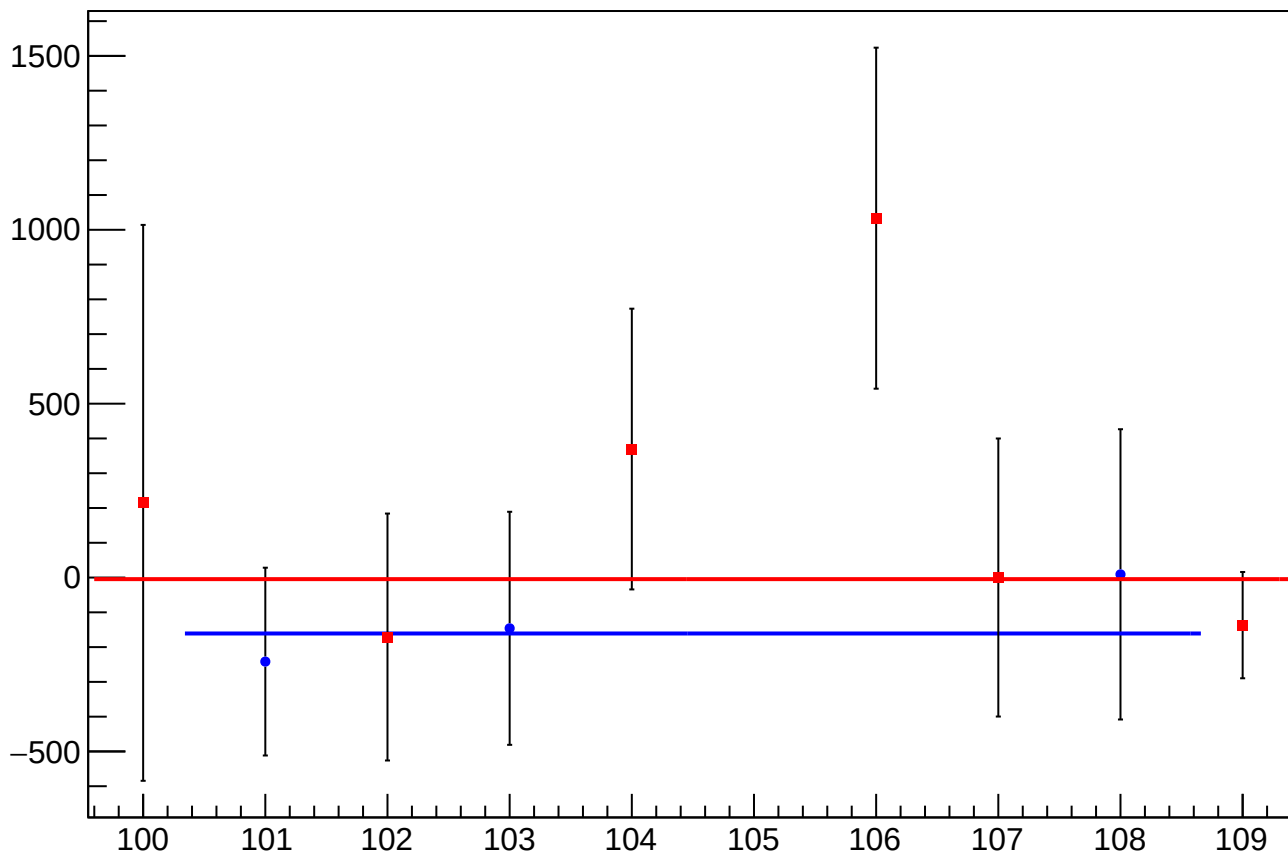
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.878 $\pm$ 0.072 χ^2 /NDF: 1032242.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_mean vs Slug



Right In: -160.826 ± 187.762 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.526 ± 120.495 χ^2/NDF : 6.4/5

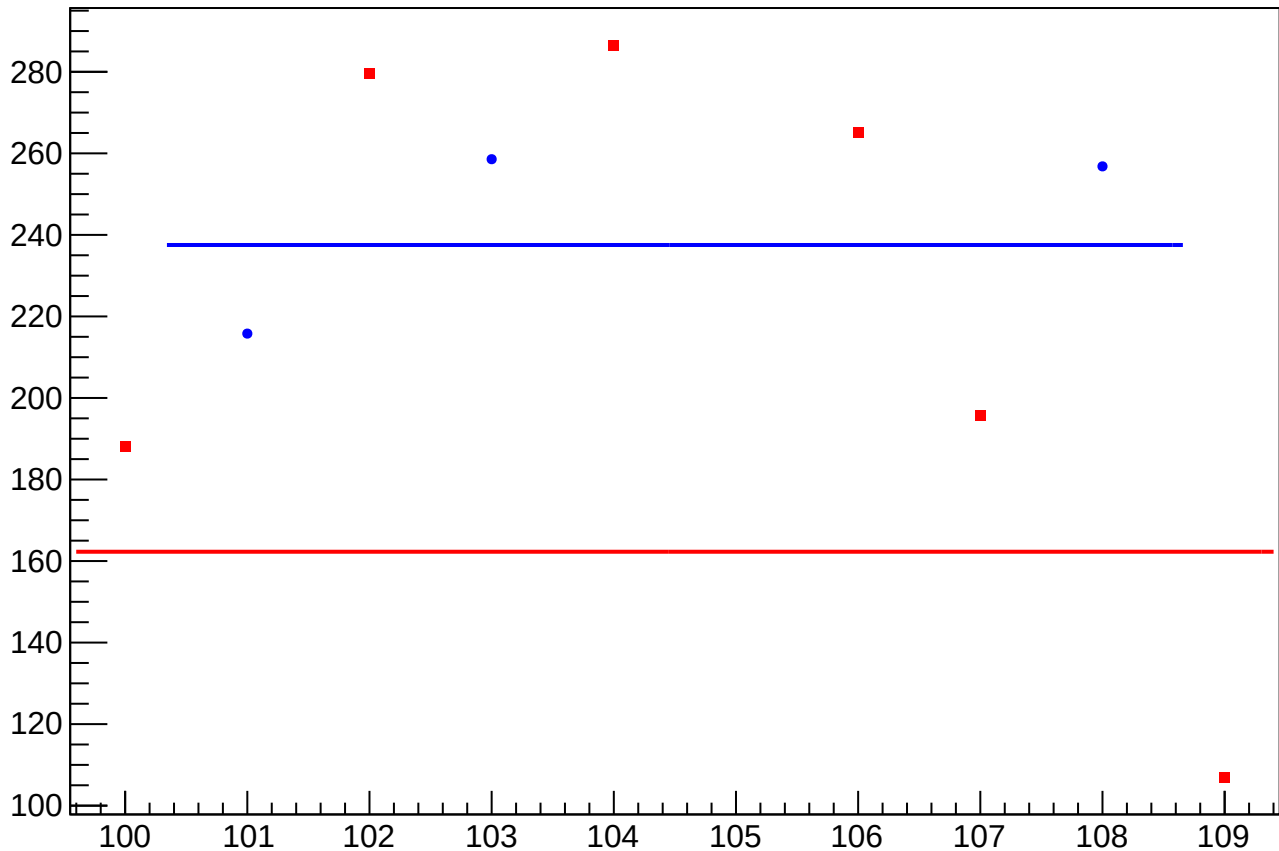
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.119 ± 101.409 χ^2/NDF : 7.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 237.525 $\pm$ 0.133 χ^2 /NDF: 25117.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.283 $\pm$ 0.085 χ^2 /NDF: 773911.5/5

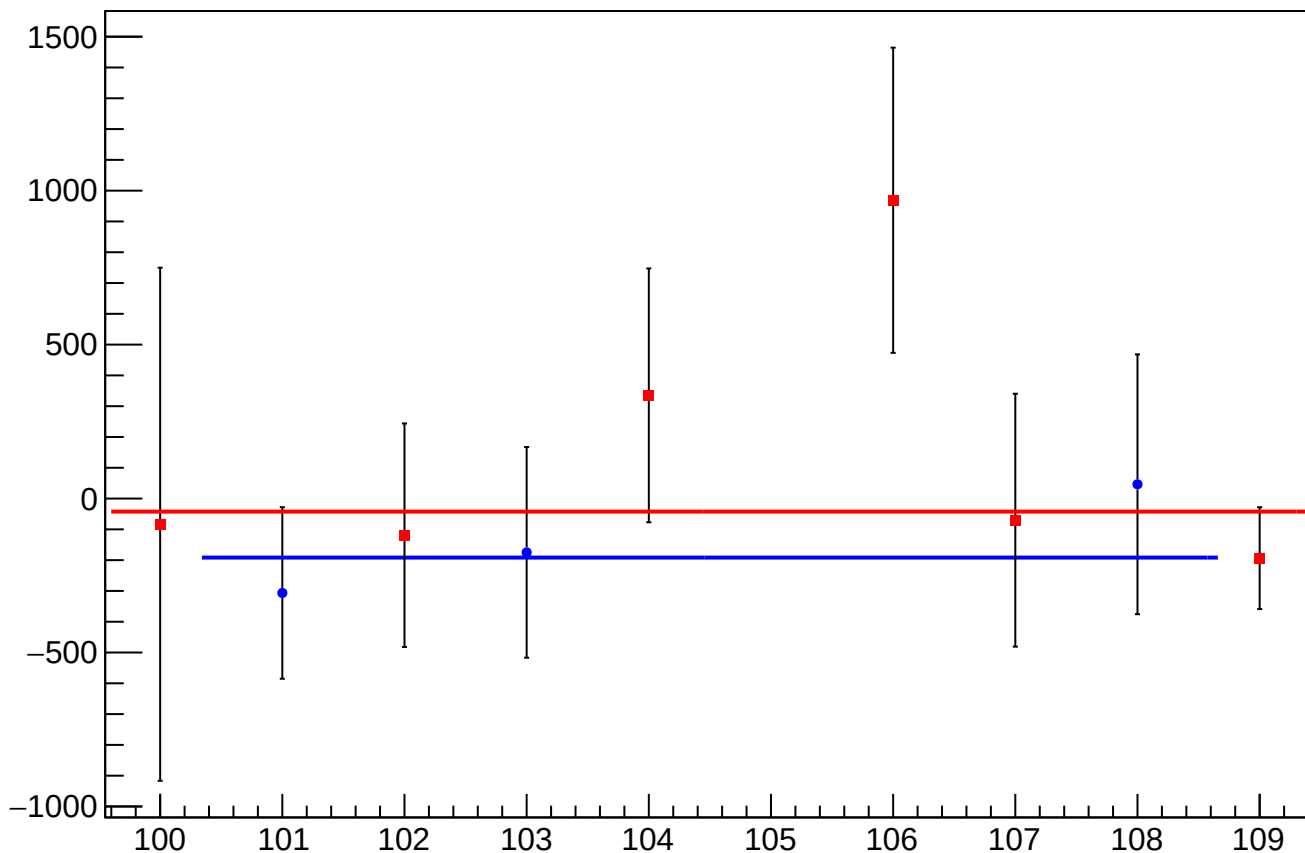
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.231 $\pm$ 0.072 χ^2 /NDF: 1026510.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_mean vs Slug



Right In: -191.634+/-192.275 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.326+/-127.518 χ^2/NDF : 5.9/5

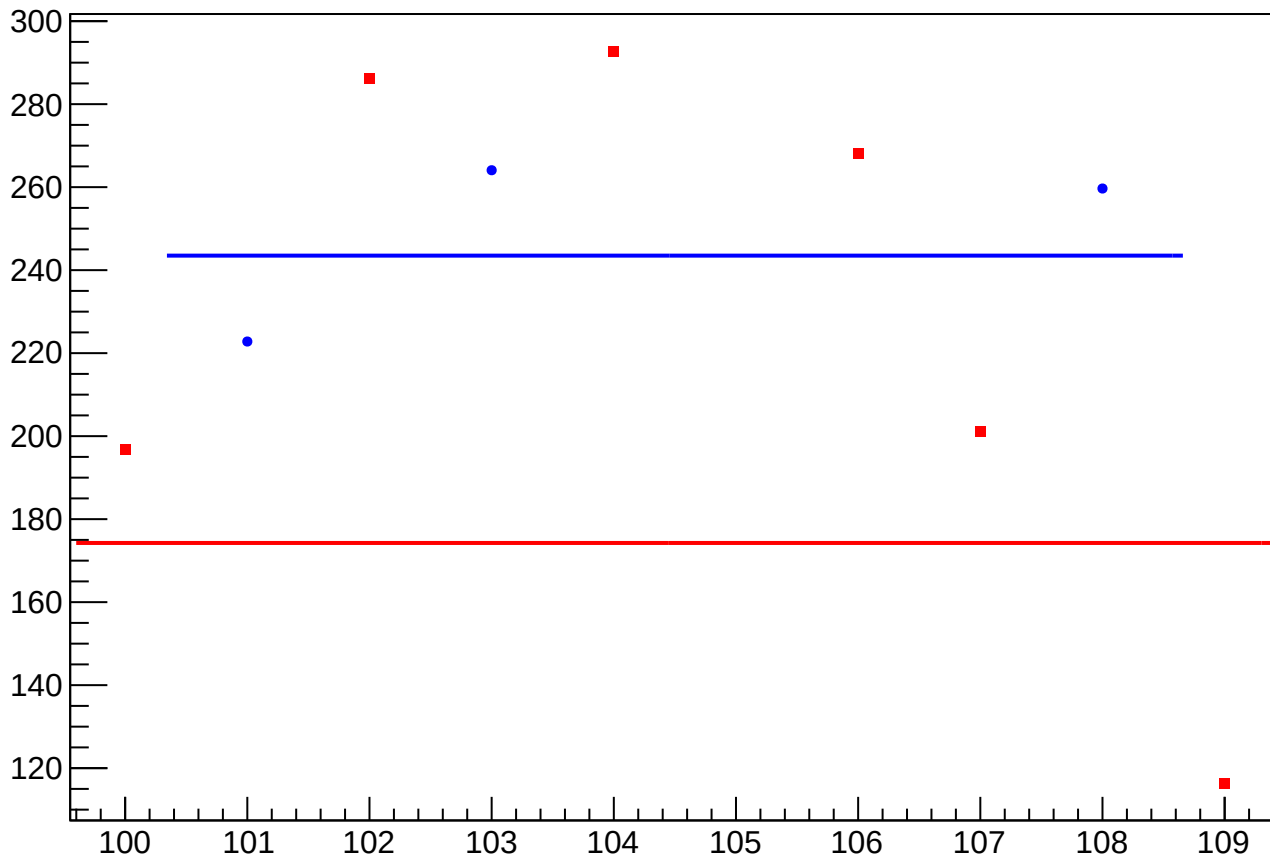
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.936+/-106.271 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 243.500 $\pm$ 0.136 χ^2 /NDF: 21214.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 174.262 $\pm$ 0.090 χ^2 /NDF: 681967.0/5

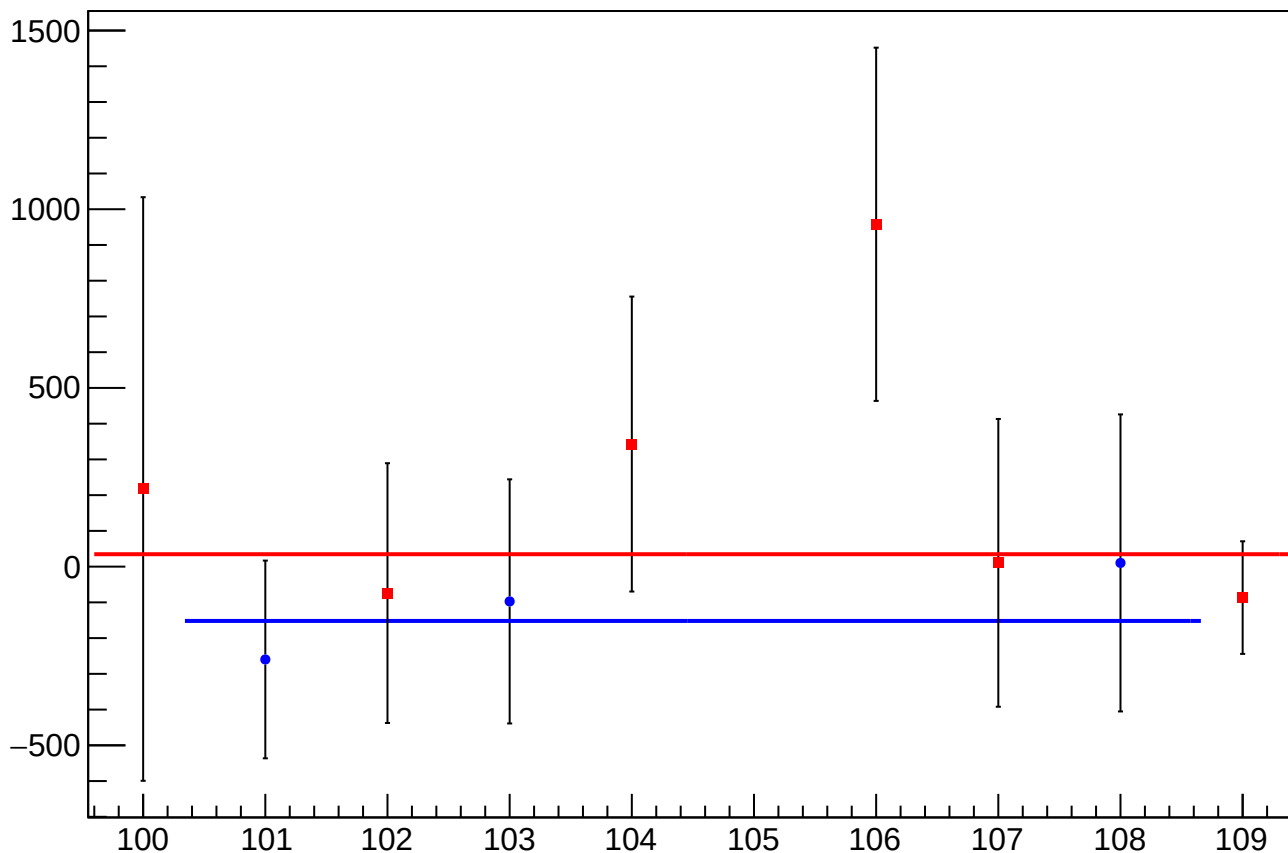
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.413 $\pm$ 0.075 χ^2 /NDF: 883298.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_mean vs Slug



Right In: -151.961 ± 190.927 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.752 ± 123.562 χ^2/NDF : 4.8/5

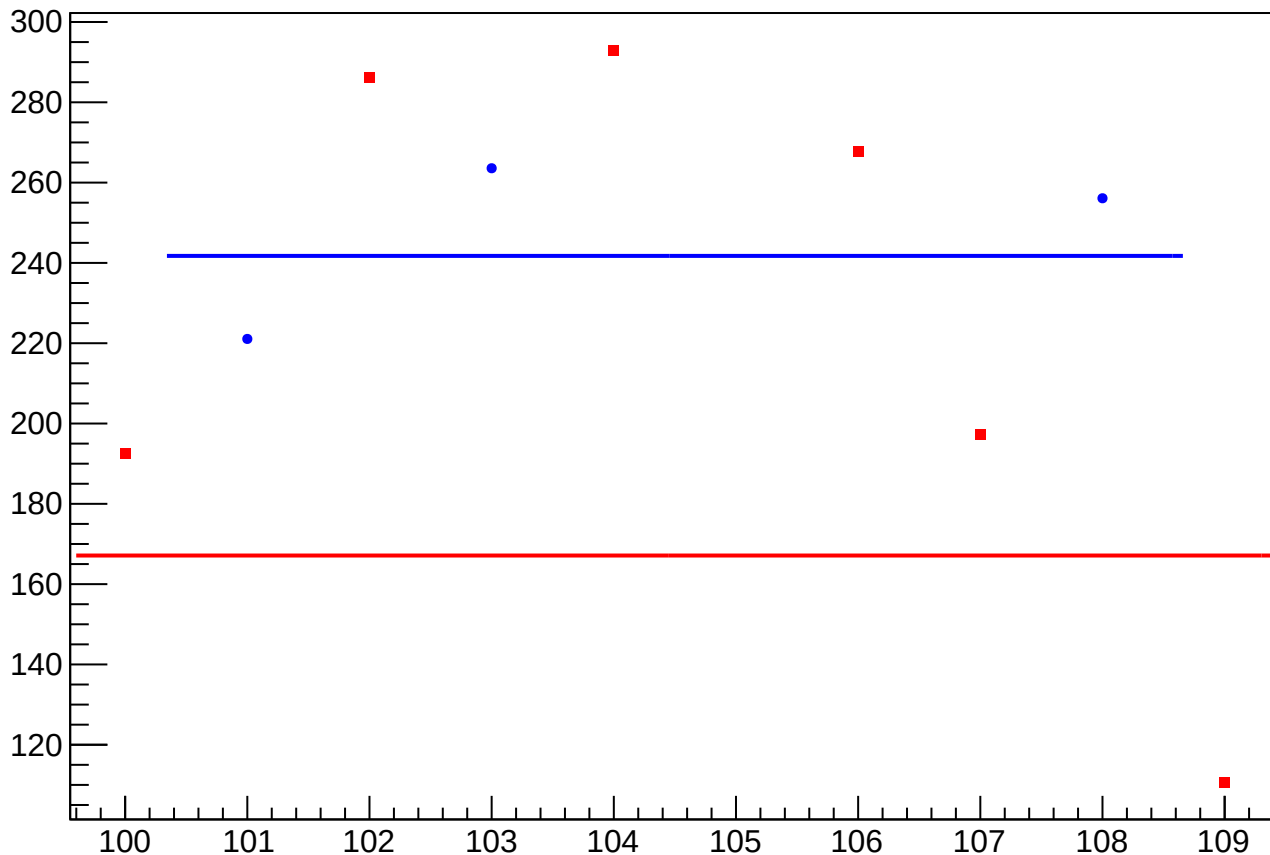
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.364 ± 103.734 χ^2/NDF : 5.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 241.748 $\pm$ 0.135 χ^2 /NDF: 21734.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.128 $\pm$ 0.087 χ^2 /NDF: 753831.3/5

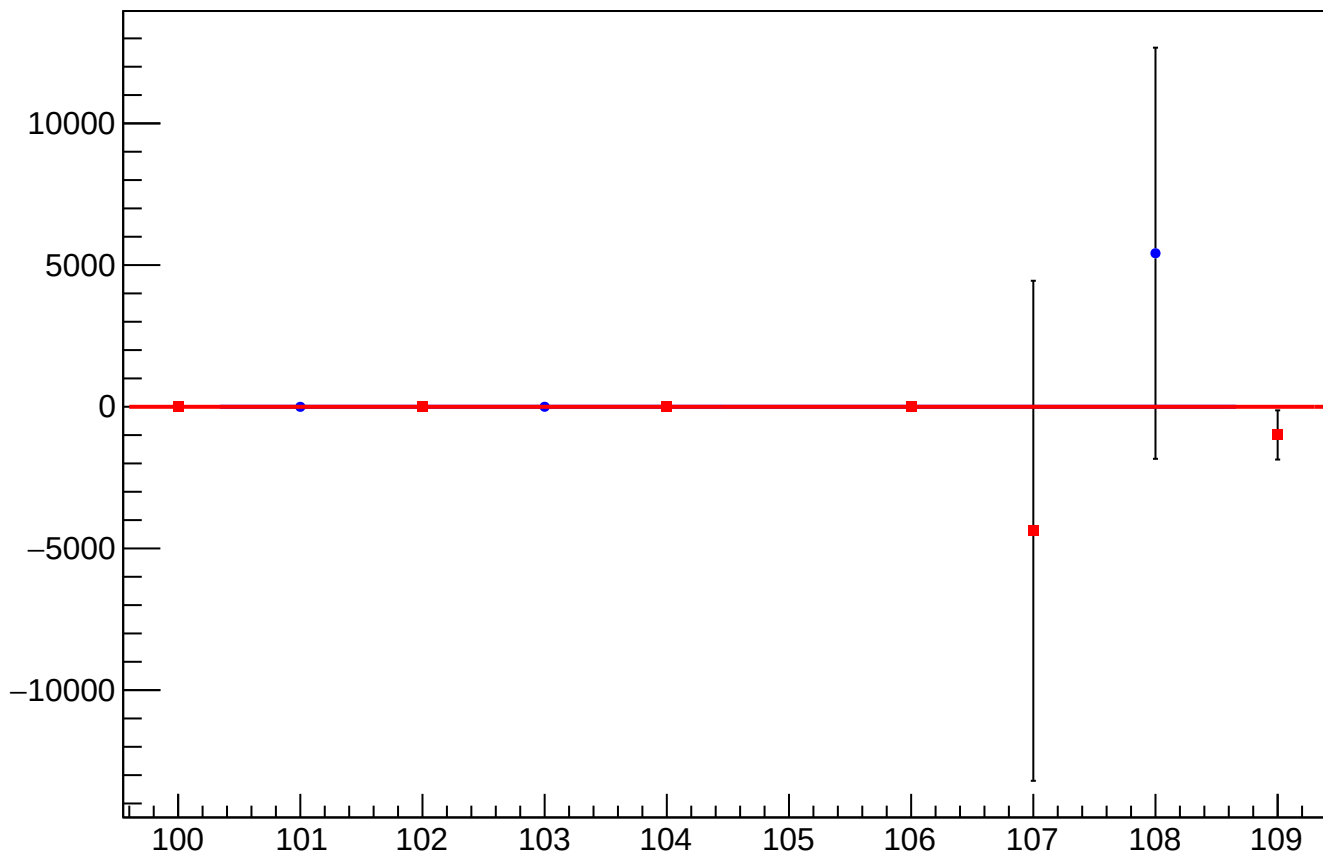
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 189.155 $\pm$ 0.073 χ^2 /NDF: 990882.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4bQ_mean vs Slug



Right In: -1.218 $\pm$ 2.171 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.368 $\pm$ 2.022 χ^2 /NDF: 6.7/5

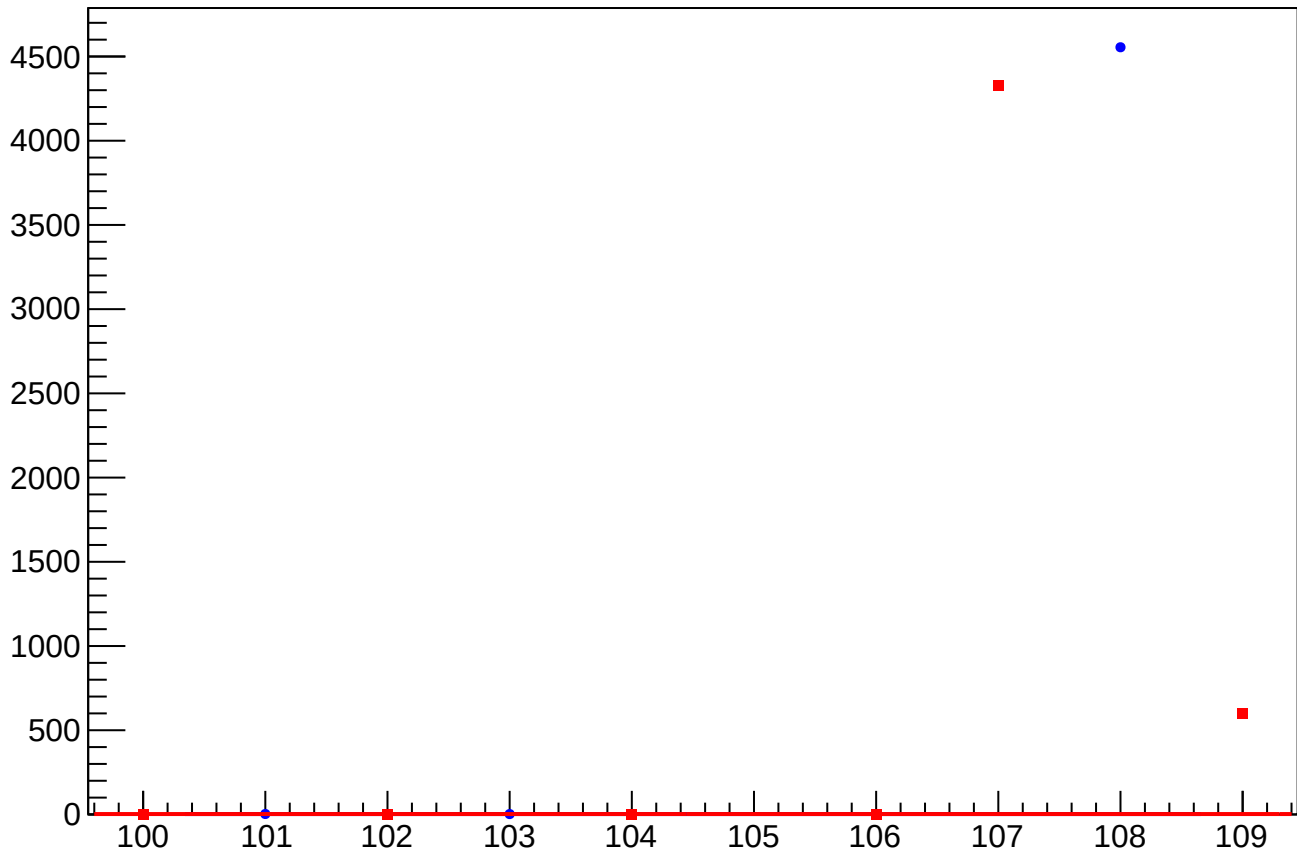
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.298 $\pm$ 1.480 χ^2 /NDF: 7.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4bQ_rms vs Slug



Right In: 2.430+/-0.002 χ^2/NDF : 802576.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.426+/-0.001 χ^2/NDF : 1440258.1/5

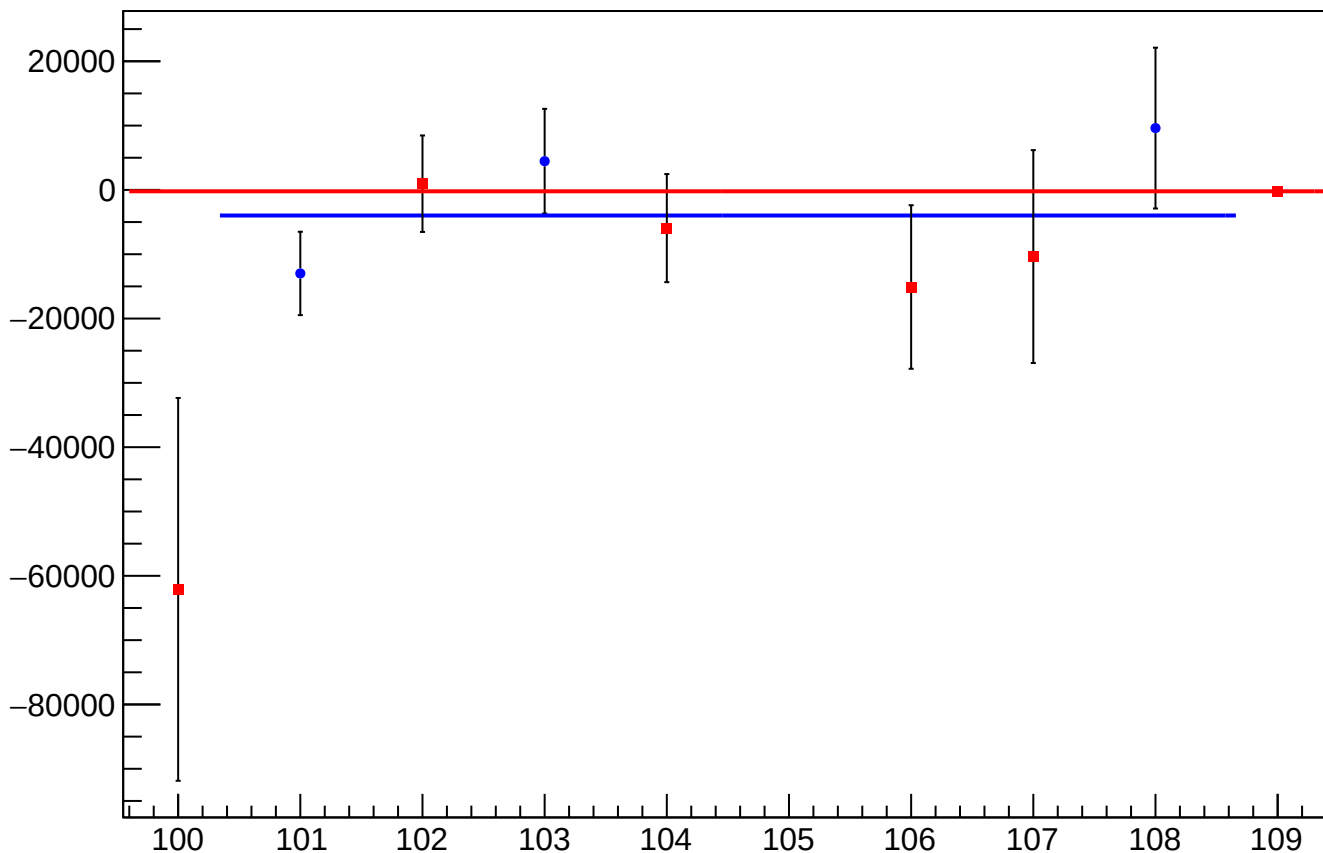
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.428+/-0.001 χ^2/NDF : 2242838.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_mean vs Slug



Right In: -3978.873 ± 4698.321 χ^2/NDF : 4.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -214.996 ± 226.984 χ^2/NDF : 6.6/5

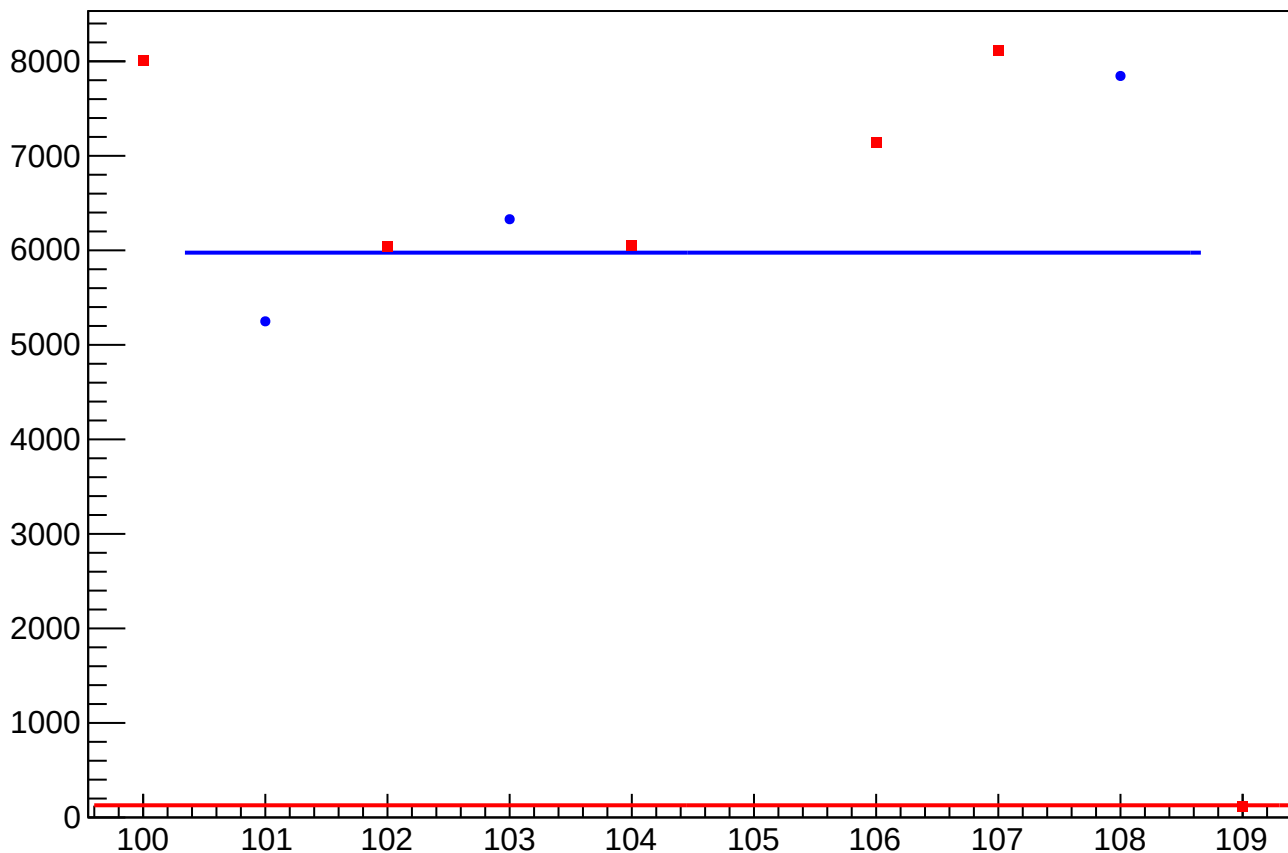
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -223.761 ± 226.720 χ^2/NDF : 11.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 5975.666 $\pm$ 3.322 χ^2 /NDF: 73629.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.715 $\pm$ 0.161 χ^2 /NDF: 3456942.7/5

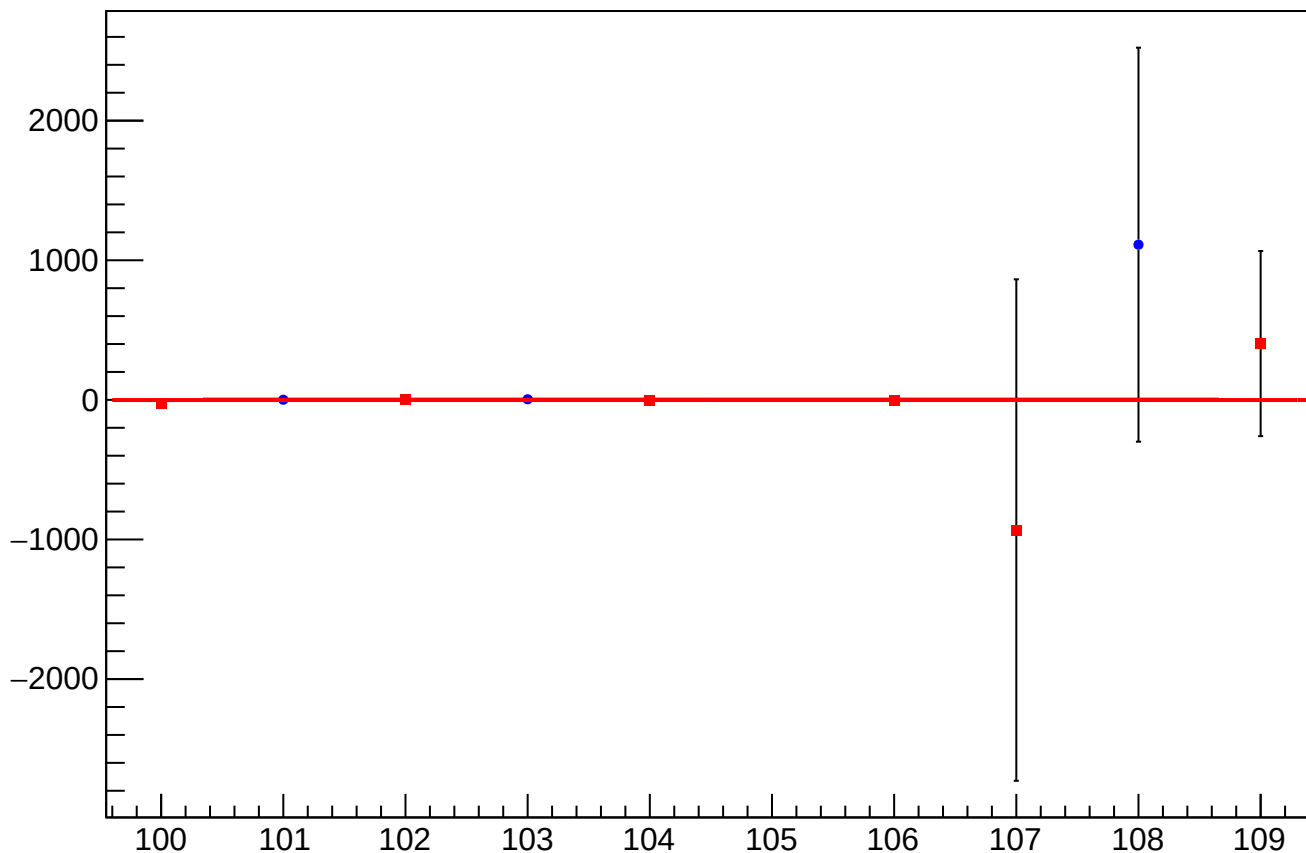
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 142.330 $\pm$ 0.160 χ^2 /NDF: 6620803.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4dQ_mean vs Slug



Right In: 1.445 $\pm$ 1.660 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.112 $\pm$ 1.528 χ^2 /NDF: 3.1/5

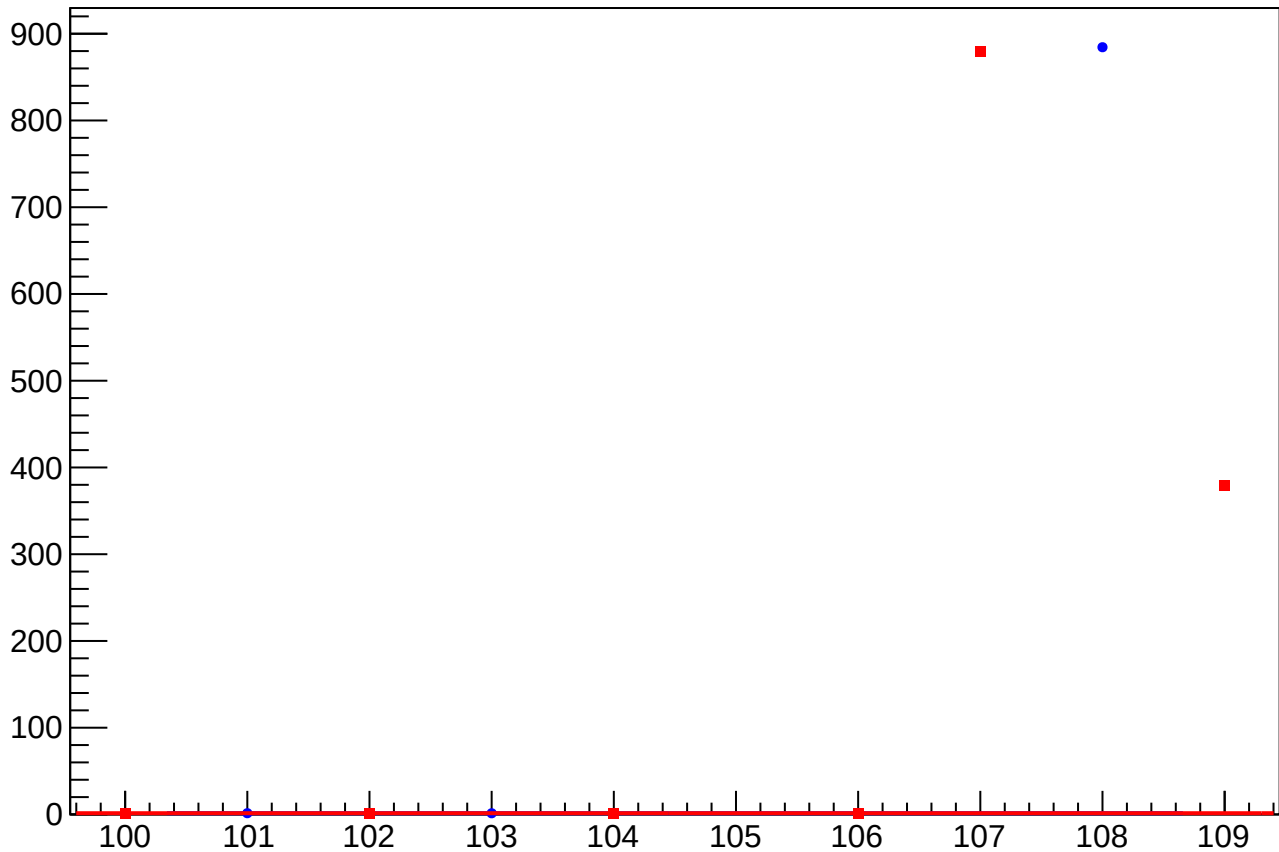
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.061 $\pm$ 1.124 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.431+/-0.001 χ^2/NDF : 783548.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.436+/-0.001 χ^2/NDF : 1128921.6/5

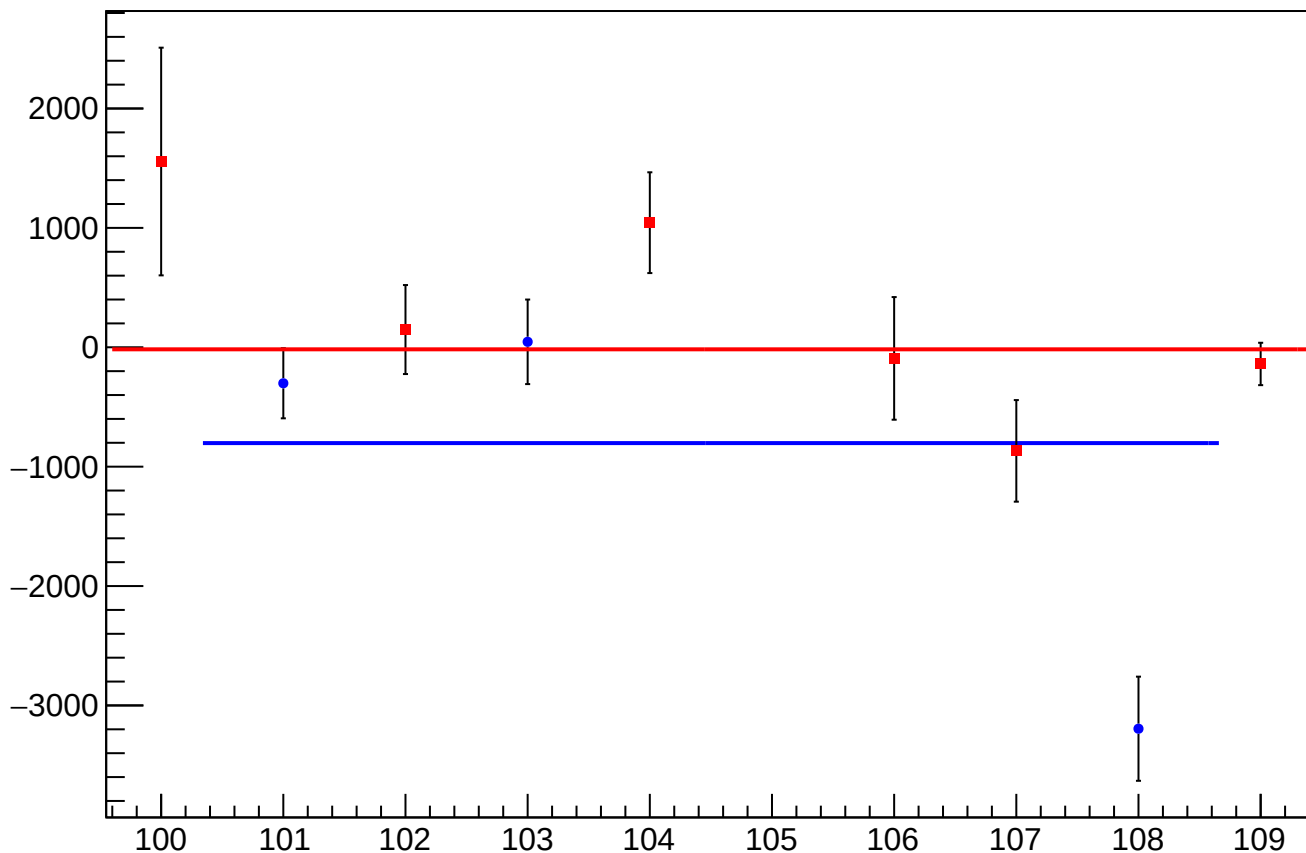
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.433+/-0.001 χ^2/NDF : 1912481.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_mean vs Slug



Right In: -802.566 $\pm$ 200.710 χ^2 /NDF: 38.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.128 $\pm$ 134.884 χ^2 /NDF: 13.7/5

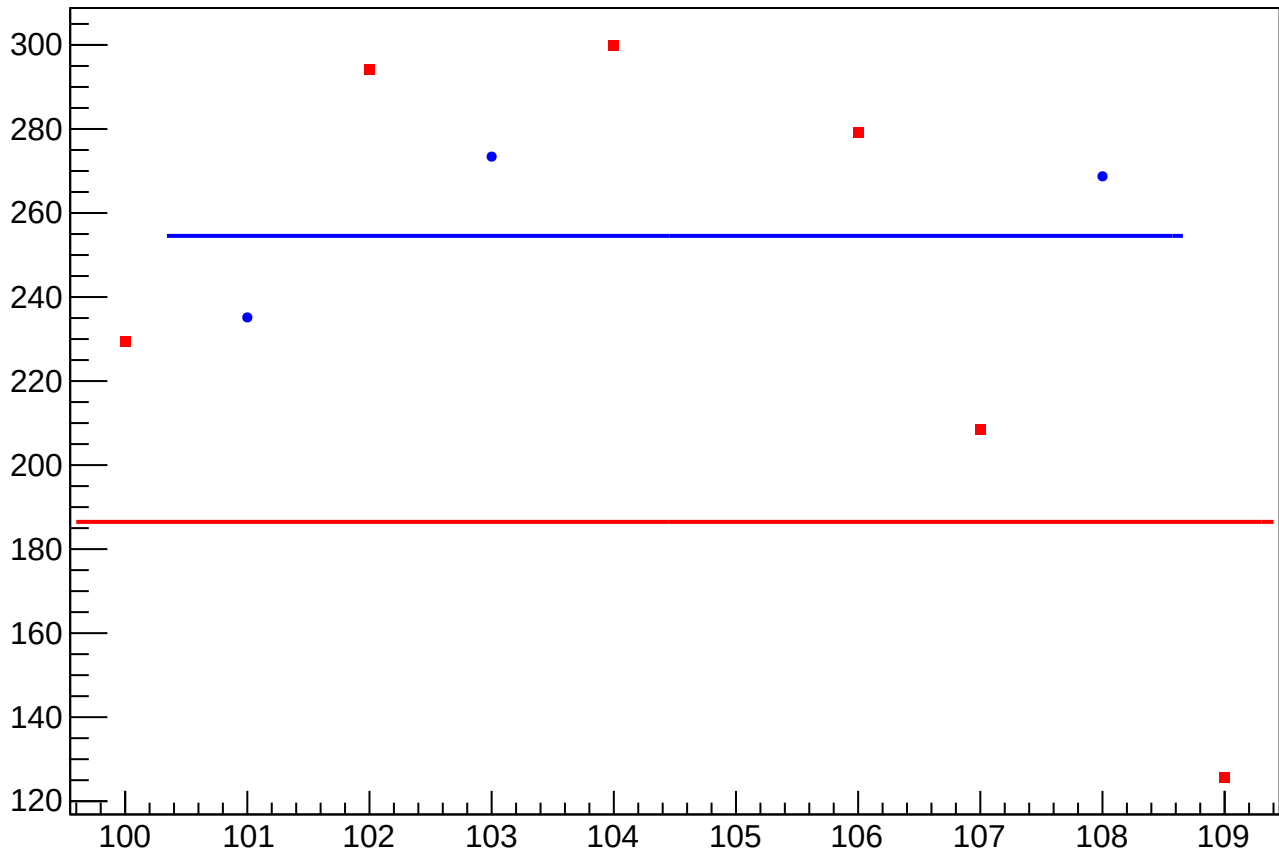
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -261.494 $\pm$ 111.952 χ^2 /NDF: 63.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm0l02_rms vs Slug



Right In: 254.557 $\pm$ 0.142 χ^2 /NDF: 16521.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 186.487 $\pm$ 0.095 χ^2 /NDF: 619683.6/5

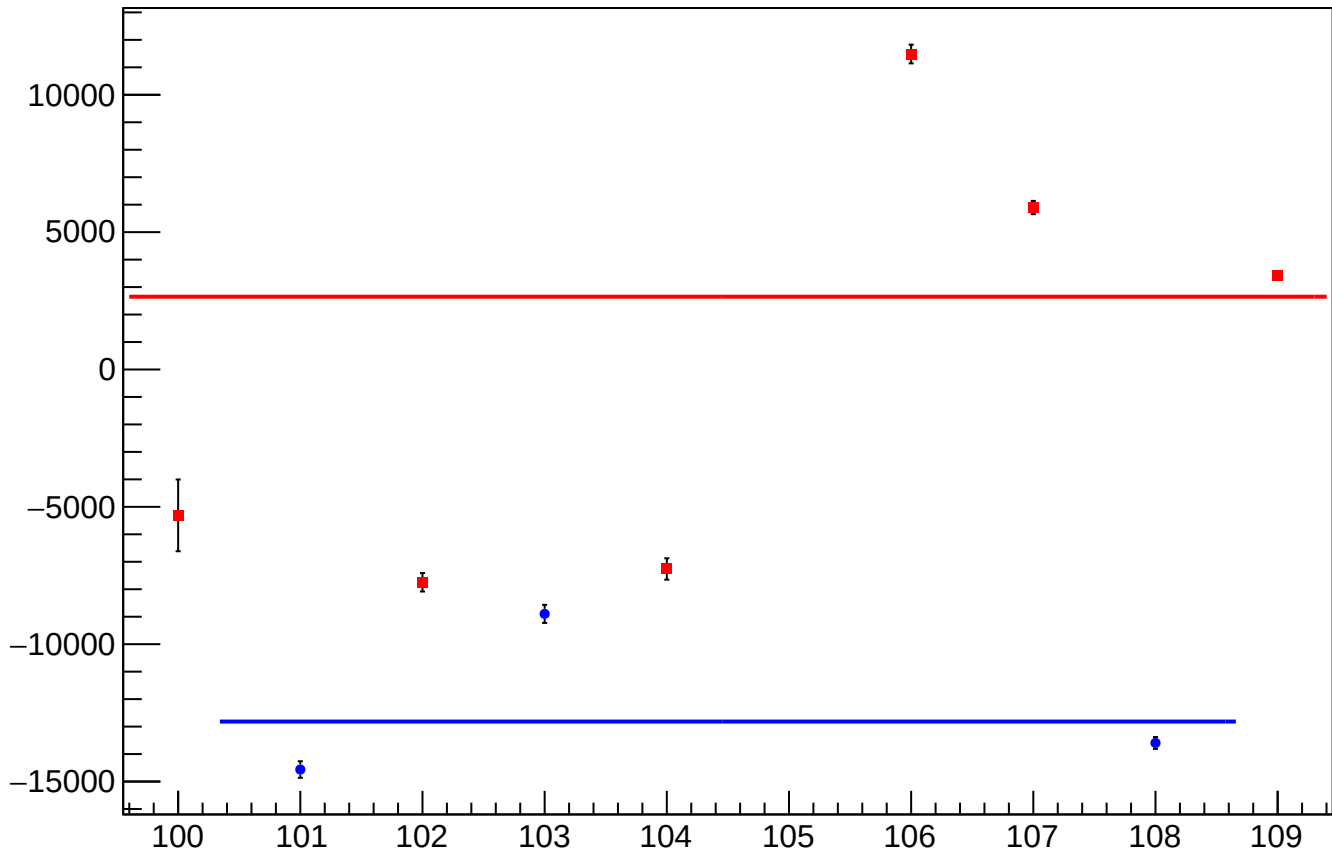
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 207.665 $\pm$ 0.079 χ^2 /NDF: 794679.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: -12816.630+/-154.517 χ^2 /NDF: 188.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2649.618+/-111.235 χ^2 /NDF: 2519.5/5

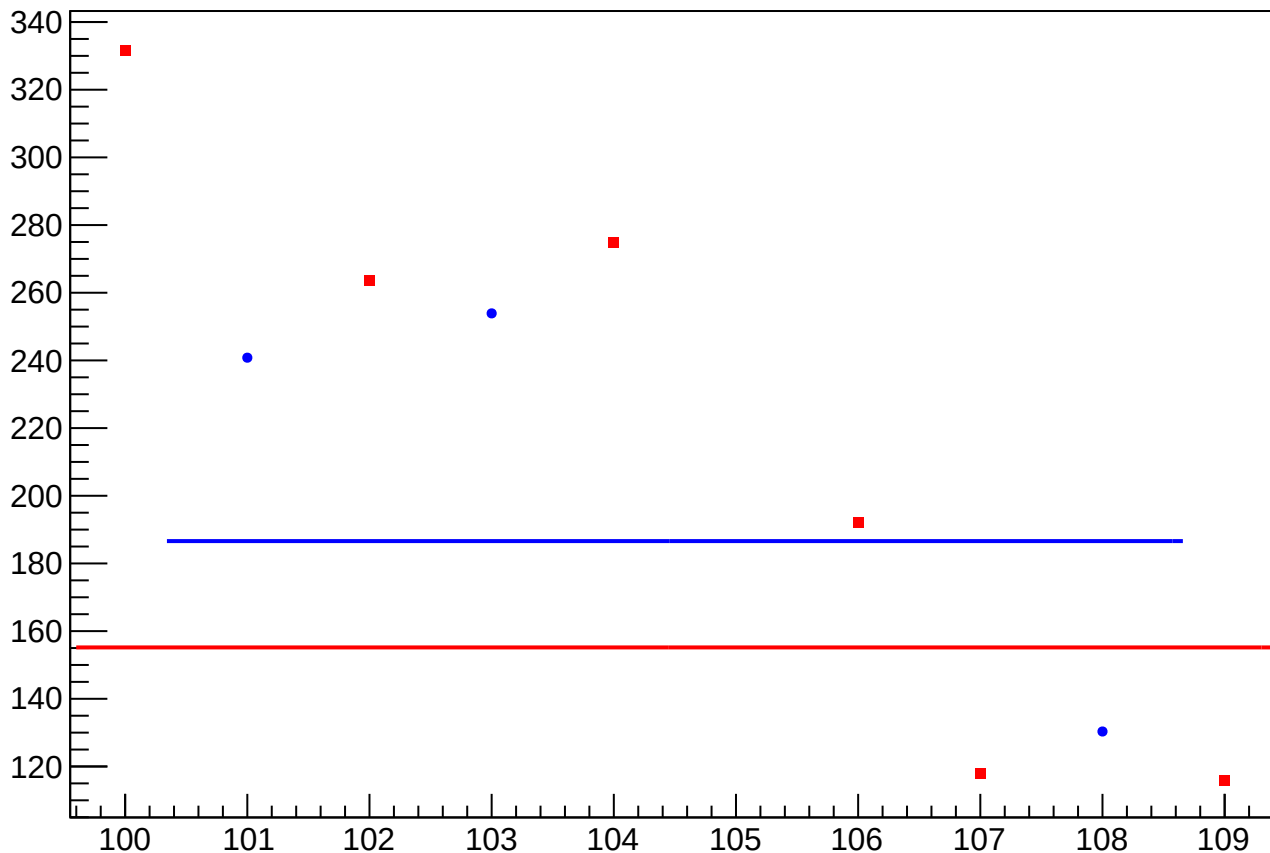
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2629.668+/-90.276 χ^2 /NDF: 9306.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 186.607 $\pm$ 0.109 χ^2 /NDF: 285305.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.182 $\pm$ 0.079 χ^2 /NDF: 624555.0/5

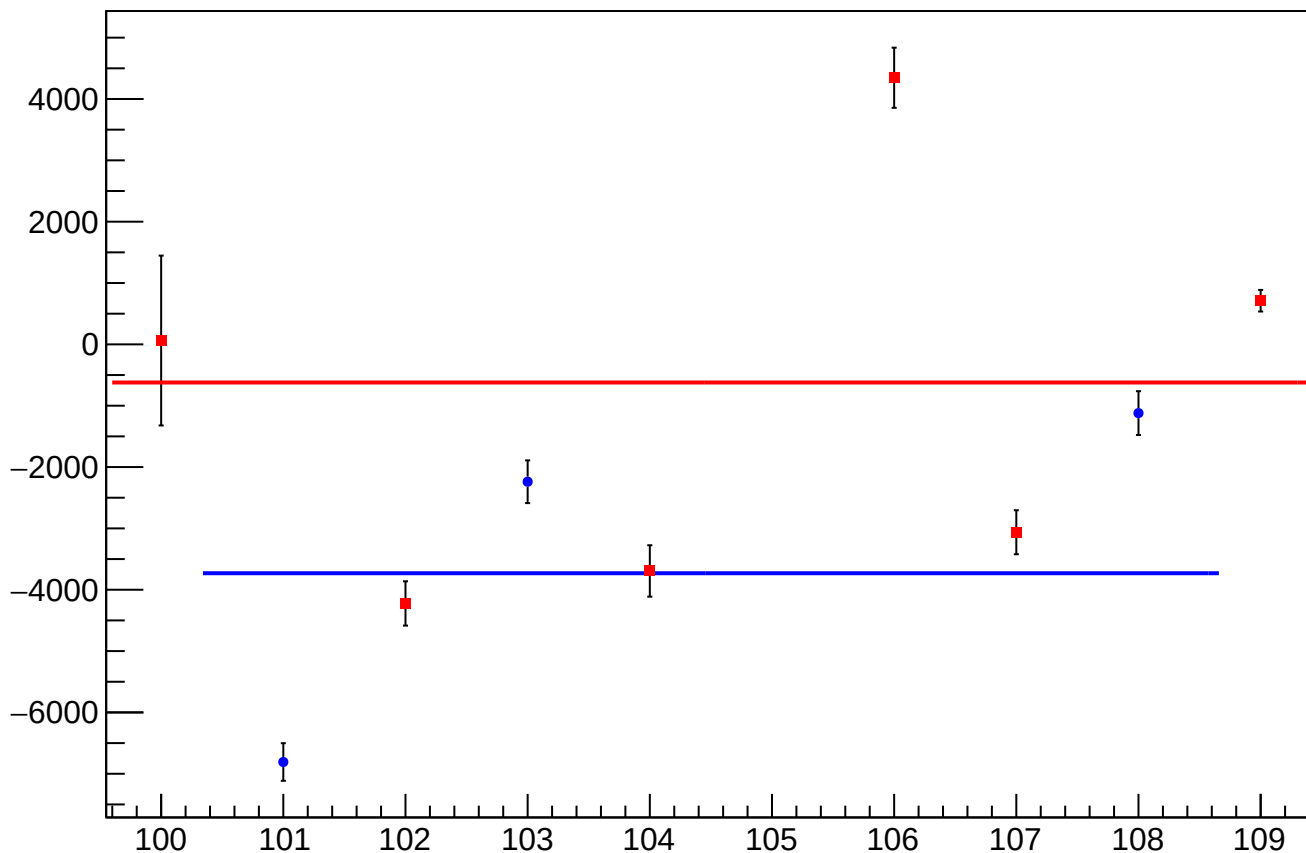
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.908 $\pm$ 0.064 χ^2 /NDF: 964346.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: -3730.898 ± 193.447 χ^2/NDF : 172.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -621.447 ± 131.211 χ^2/NDF : 359.7/5

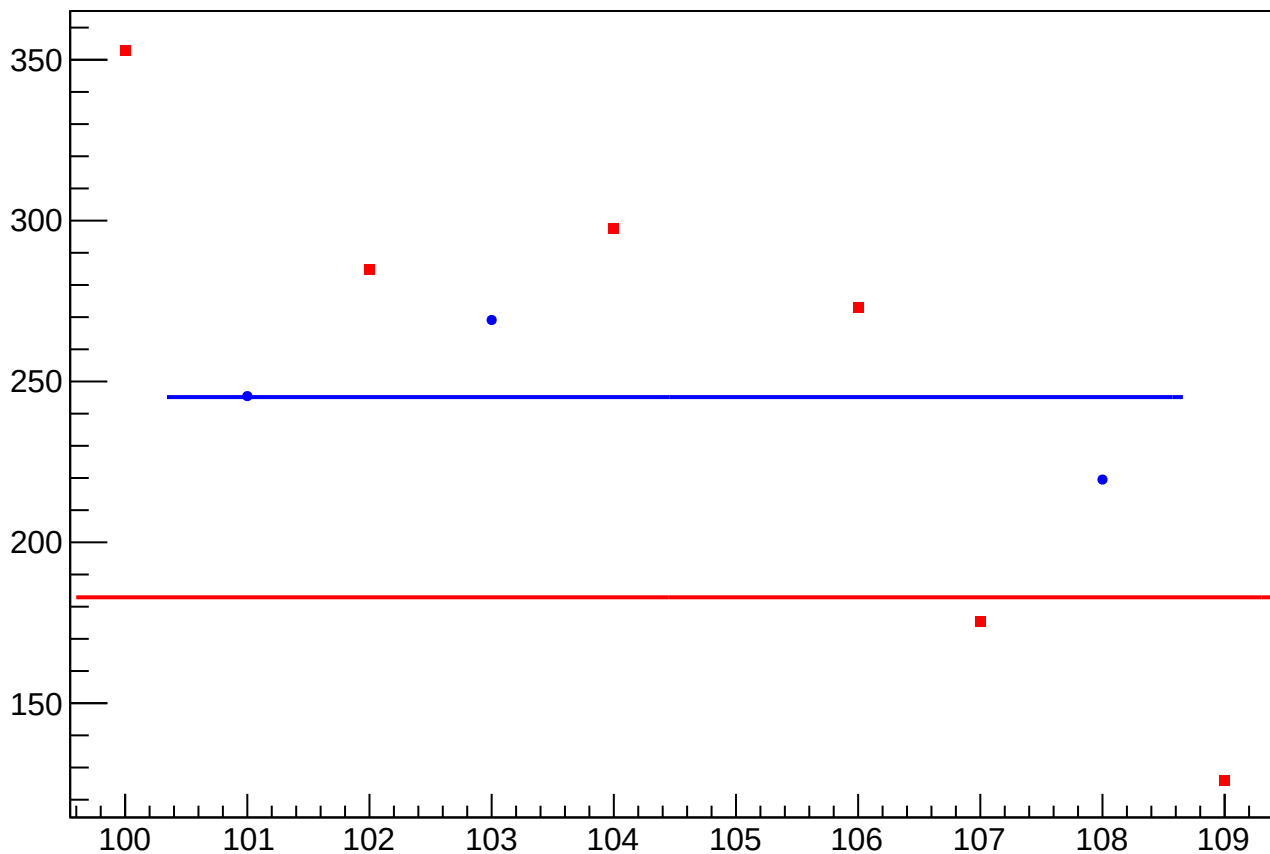
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1601.223 ± 108.588 χ^2/NDF : 709.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 245.147 $\pm$ 0.137 χ^2 /NDF: 19768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.916 $\pm$ 0.093 χ^2 /NDF: 615586.5/5

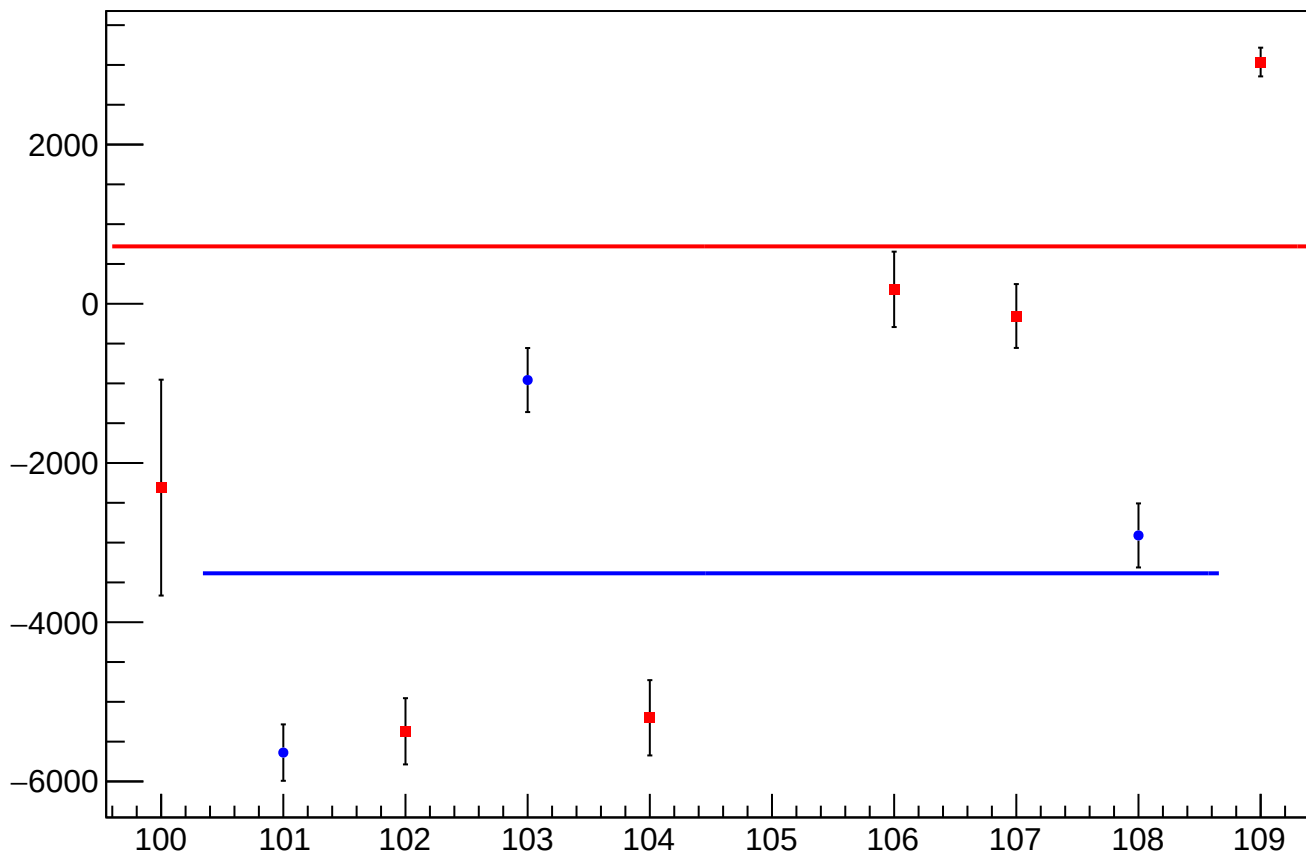
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 202.525 $\pm$ 0.077 χ^2 /NDF: 777112.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: -3385.613 ± 221.801 χ^2/NDF : 78.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 720.899 ± 138.408 χ^2/NDF : 547.0/5

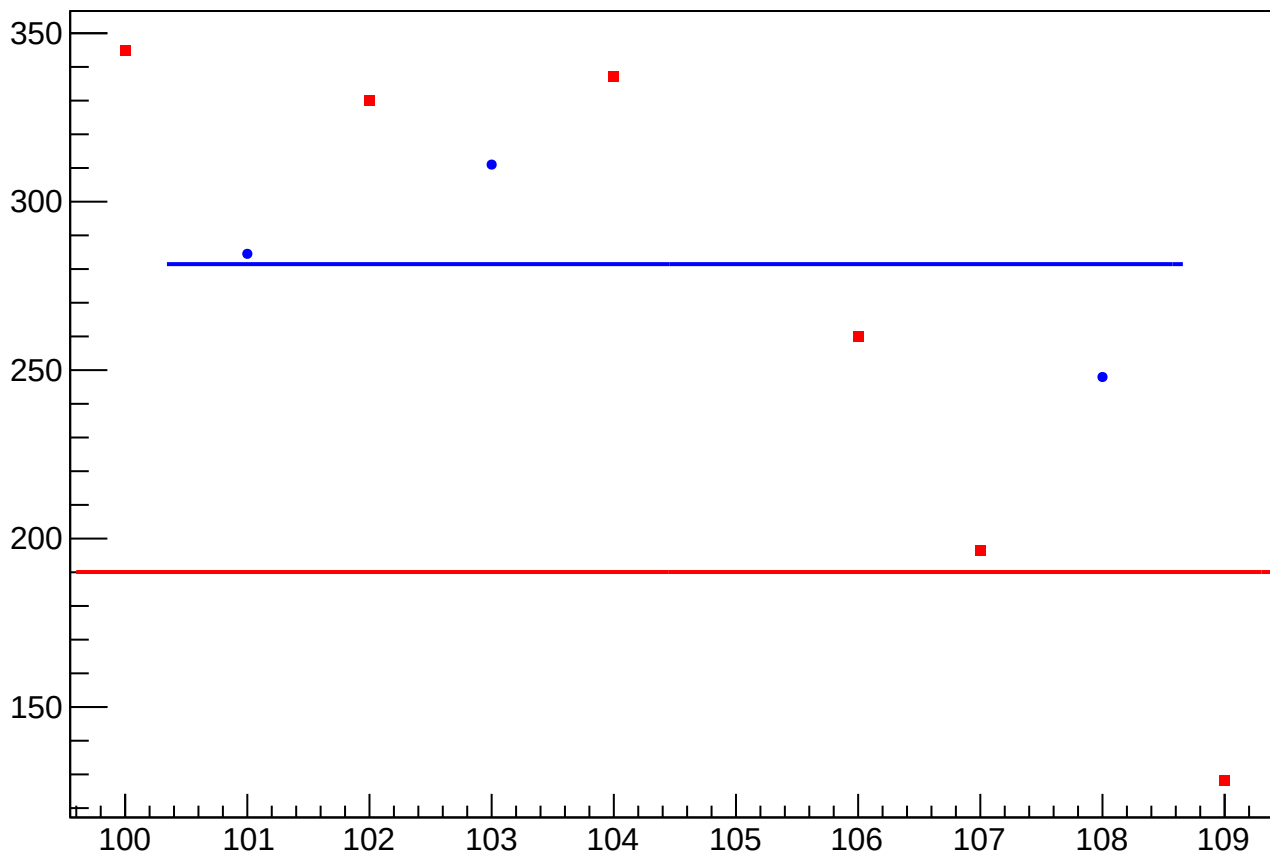
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -430.015 ± 117.422 χ^2/NDF : 871.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 281.462 $\pm$ 0.157 χ^2 /NDF: 24811.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.076 $\pm$ 0.098 χ^2 /NDF: 724646.2/5

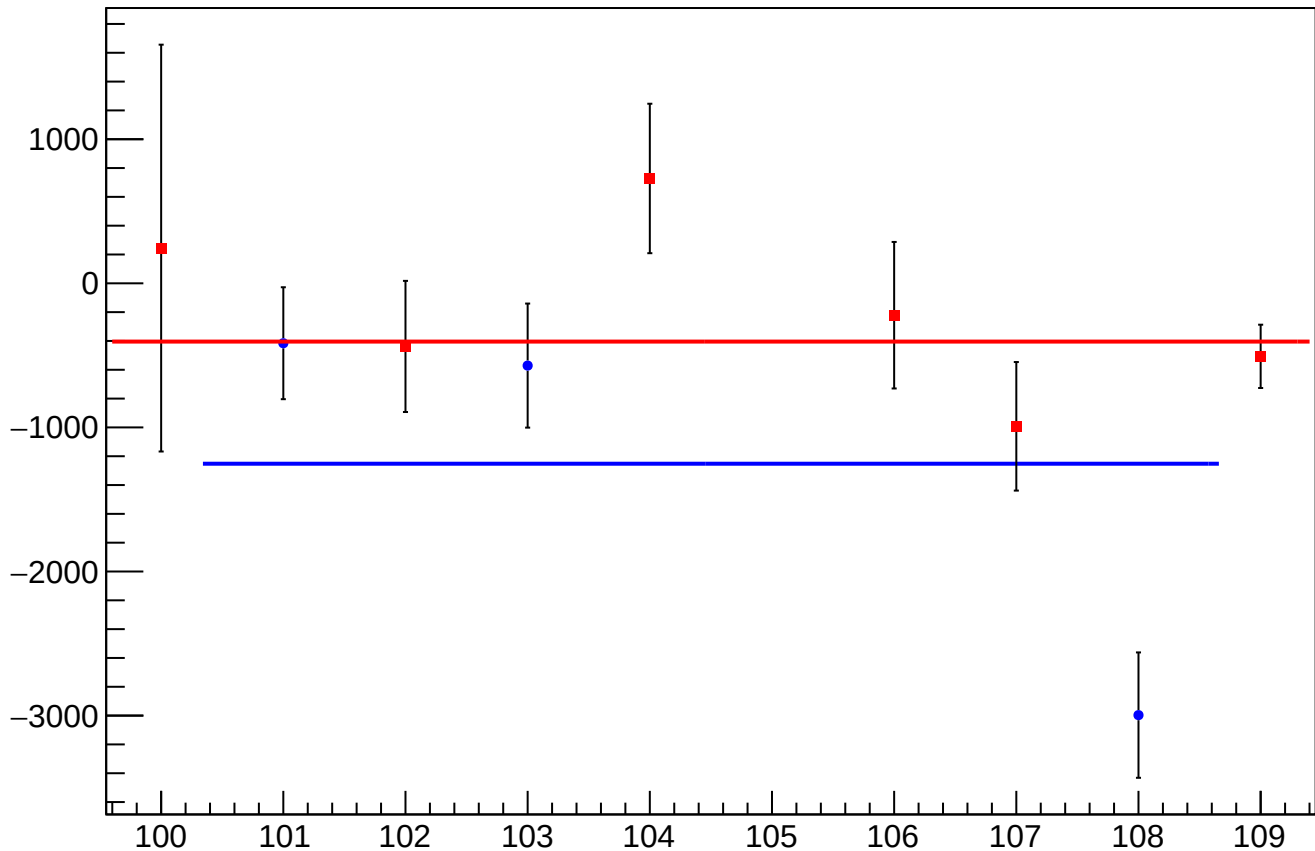
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 215.688 $\pm$ 0.083 χ^2 /NDF: 993821.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -1252.016 $\pm$ 240.362 χ^2 /NDF: 23.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -404.337 $\pm$ 160.808 χ^2 /NDF: 7.1/5

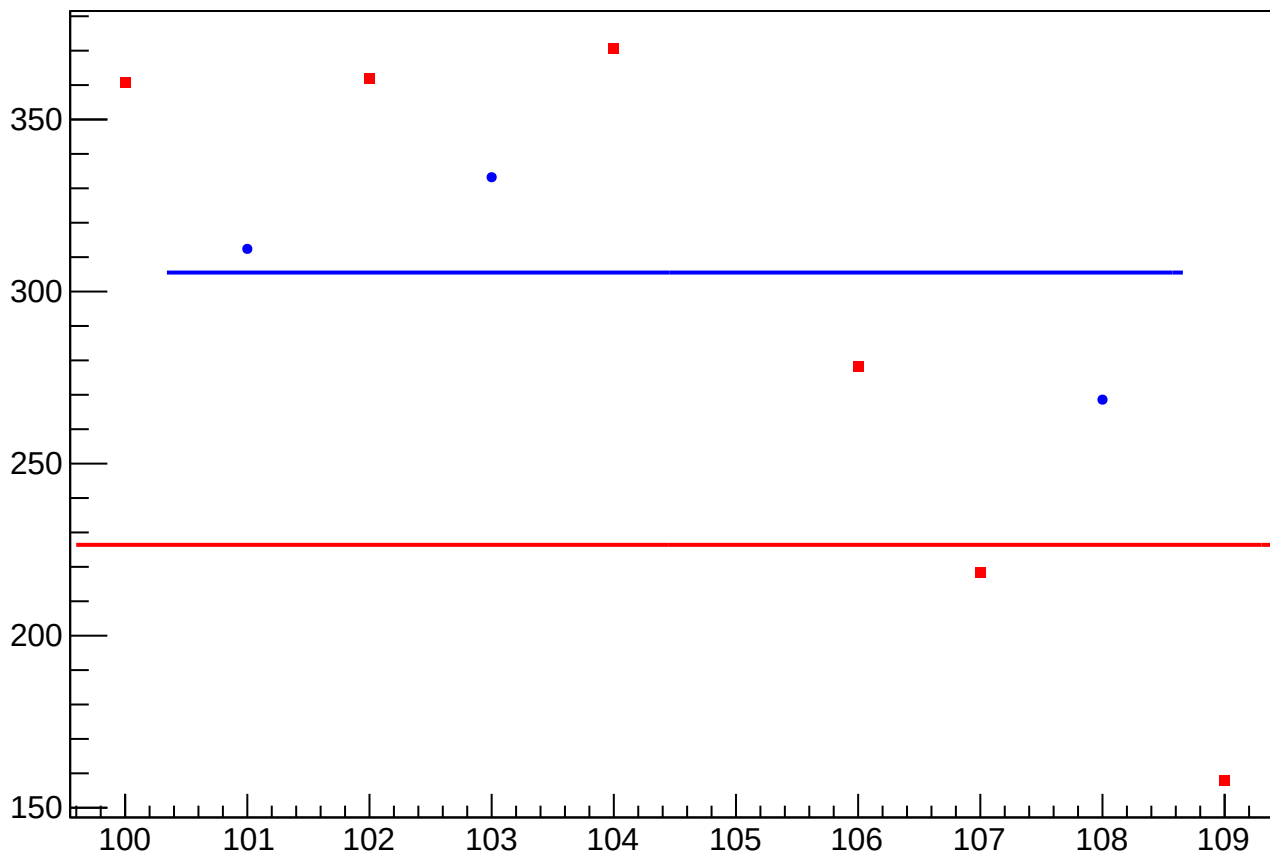
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -666.438 $\pm$ 133.655 χ^2 /NDF: 38.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 305.522+/-0.170 χ^2/NDF : 23326.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.396+/-0.114 χ^2/NDF : 565476.7/5

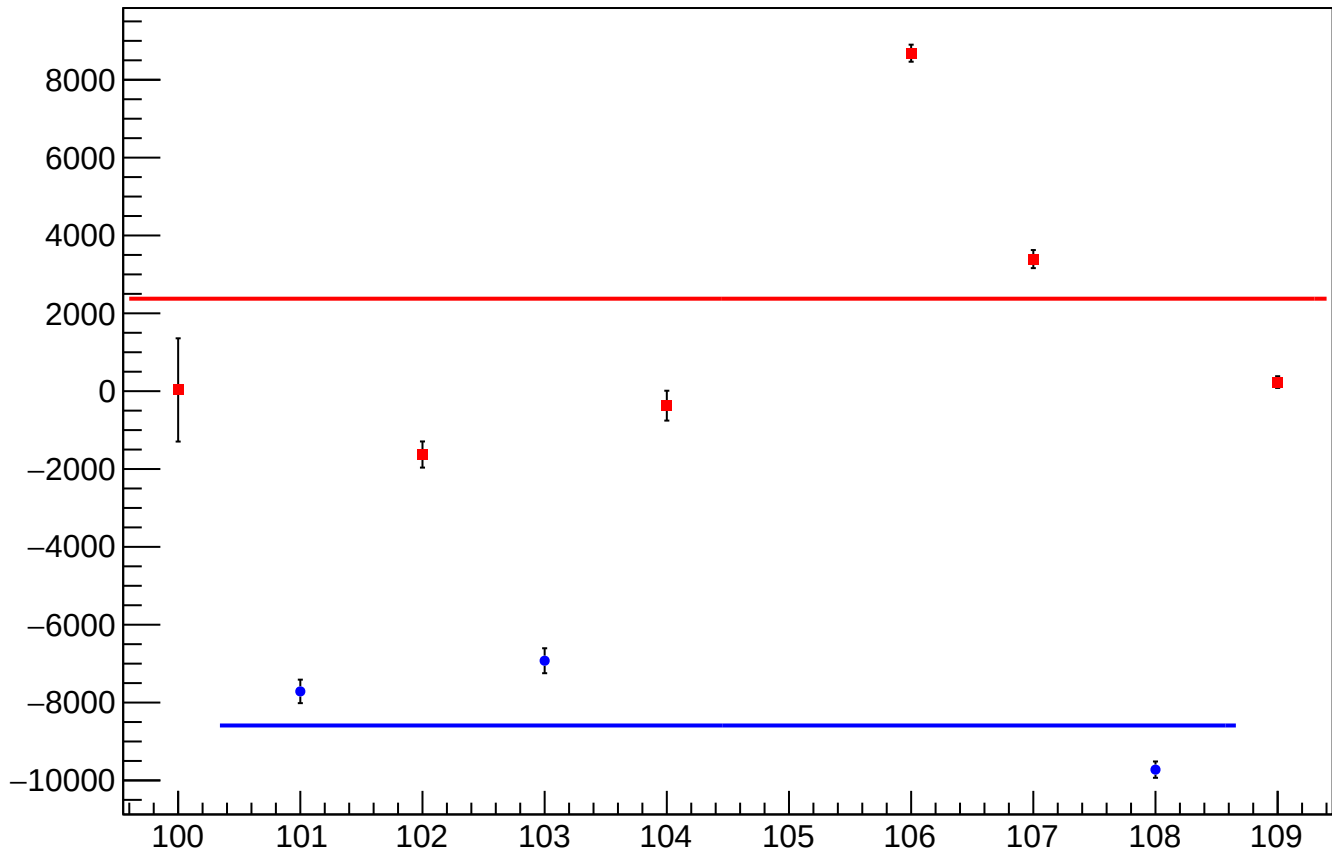
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.861+/-0.095 χ^2/NDF : 738525.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -8588.949+/-151.675 χ^2/NDF : 64.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2375.825+/-99.997 χ^2/NDF : 1249.5/5

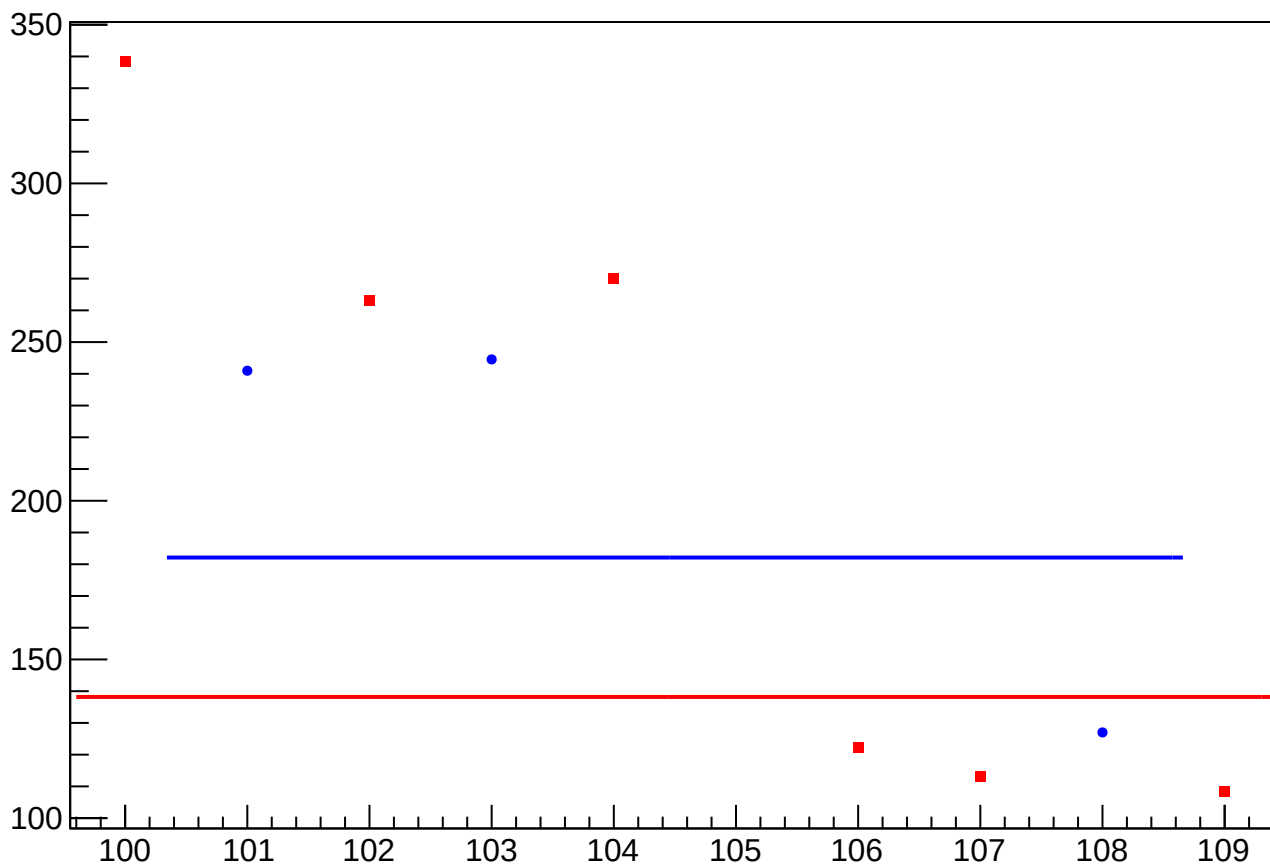
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -946.132+/-83.486 χ^2/NDF : 4956.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 182.114 $\pm$ 0.107 χ^2 /NDF: 290189.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.184 $\pm$ 0.071 χ^2 /NDF: 670593.9/5

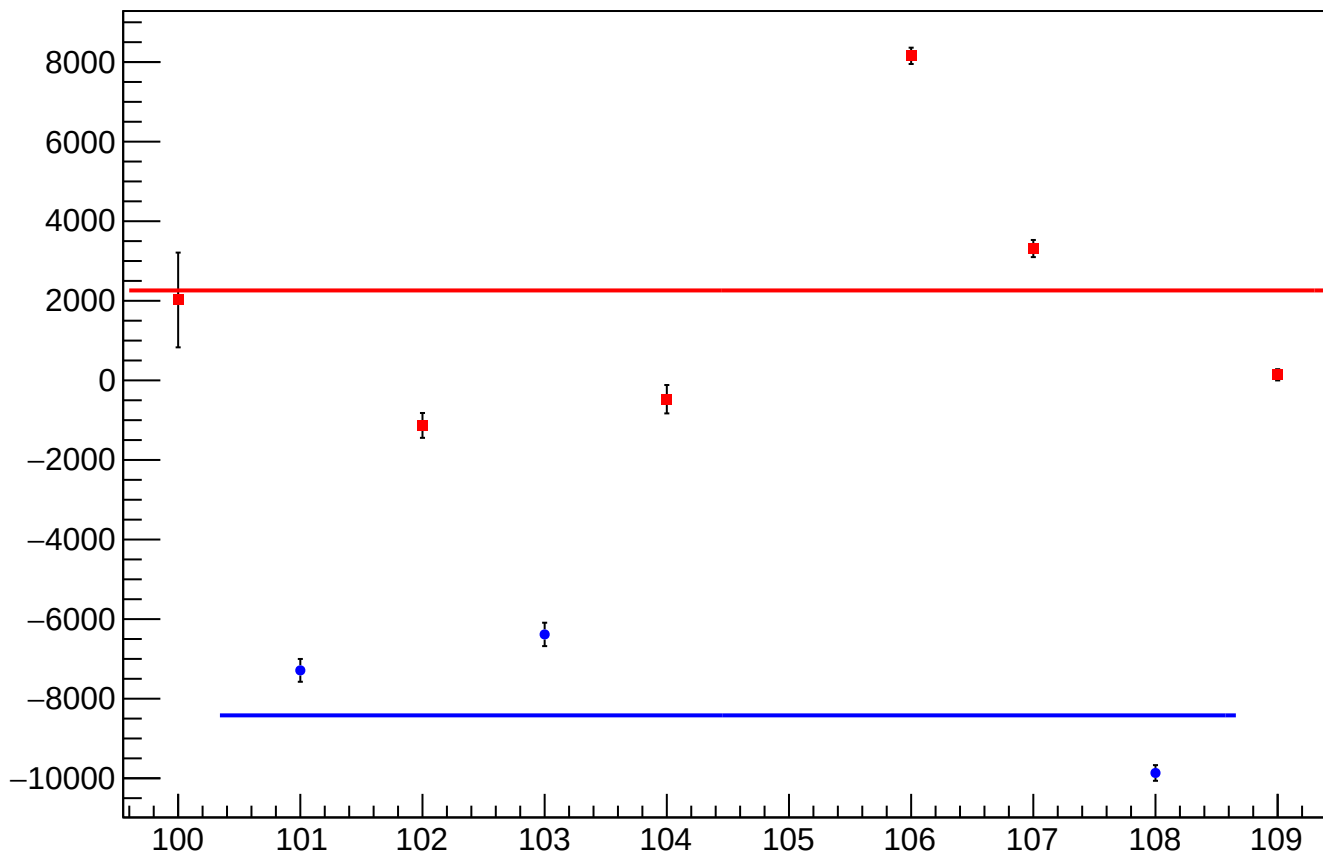
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.494 $\pm$ 0.059 χ^2 /NDF: 1077722.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: -8419.130 $\pm$ 142.144 χ^2 /NDF: 117.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2260.436 $\pm$ 93.553 χ^2 /NDF: 1251.3/5

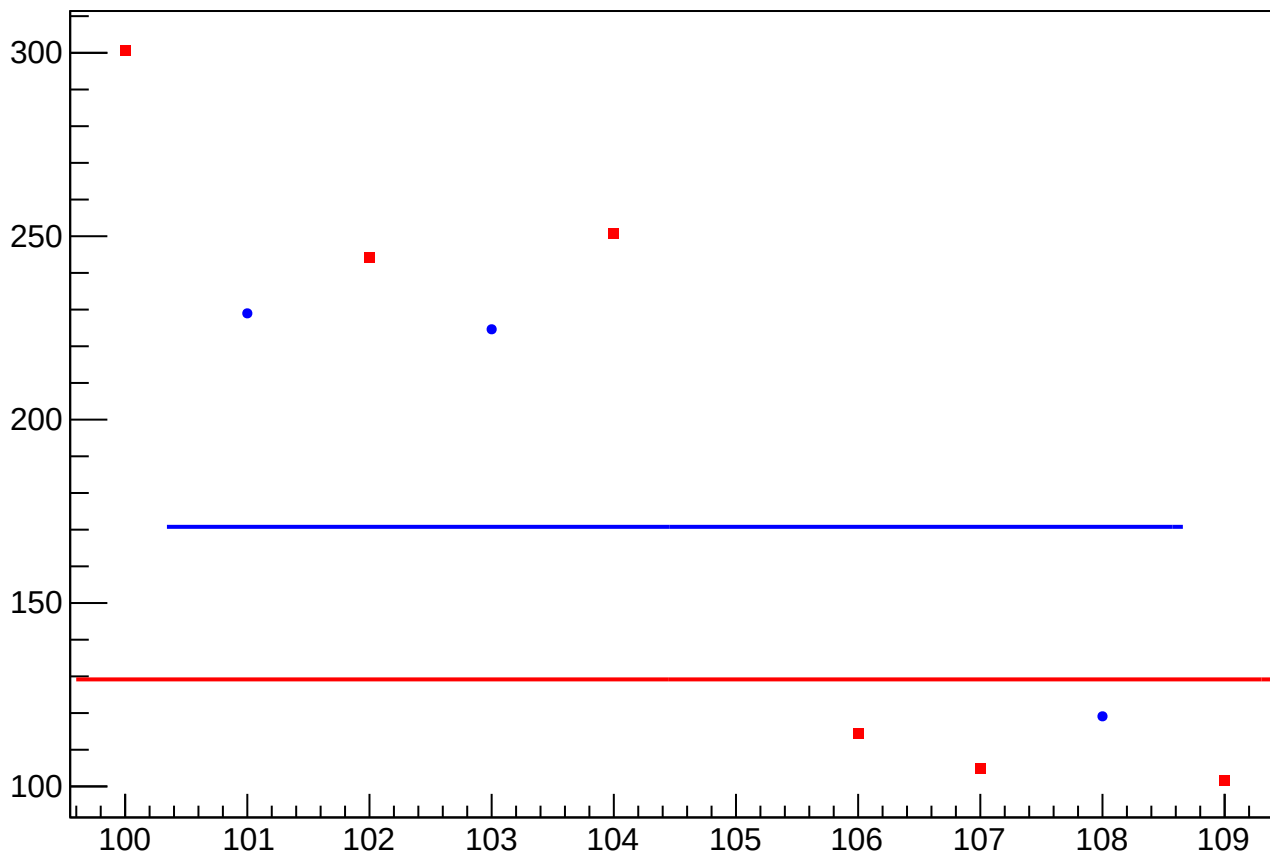
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -967.397 $\pm$ 78.146 χ^2 /NDF: 5307.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i01WS_rms vs Slug



Right In: 170.773+/-0.101 χ^2/NDF : 287030.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.178+/-0.066 χ^2/NDF : 655932.4/5

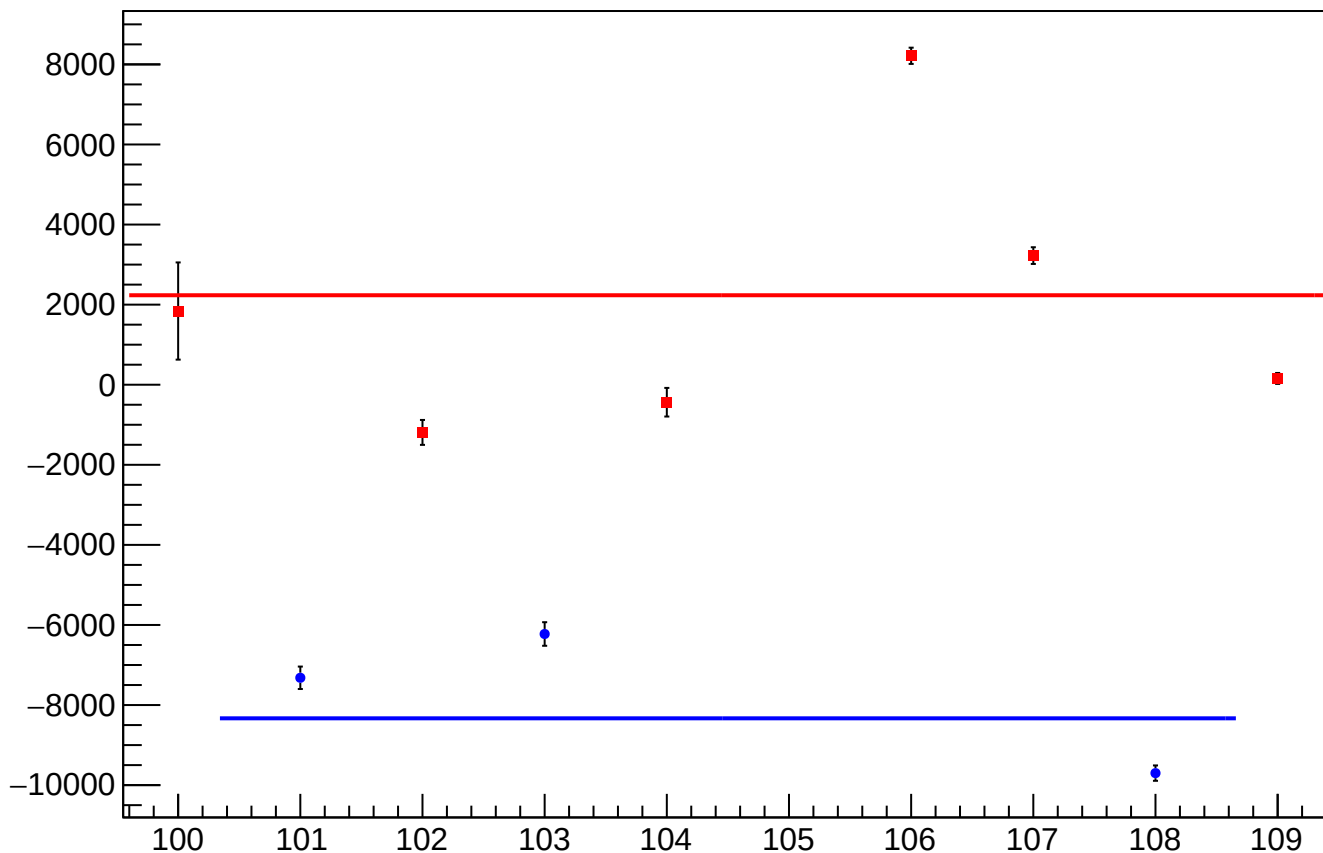
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.750+/-0.055 χ^2/NDF : 1062458.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_mean vs Slug



Right In: -8331.567+/-139.422 χ^2/NDF : 115.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2234.671+/-91.372 χ^2/NDF : 1300.2/5

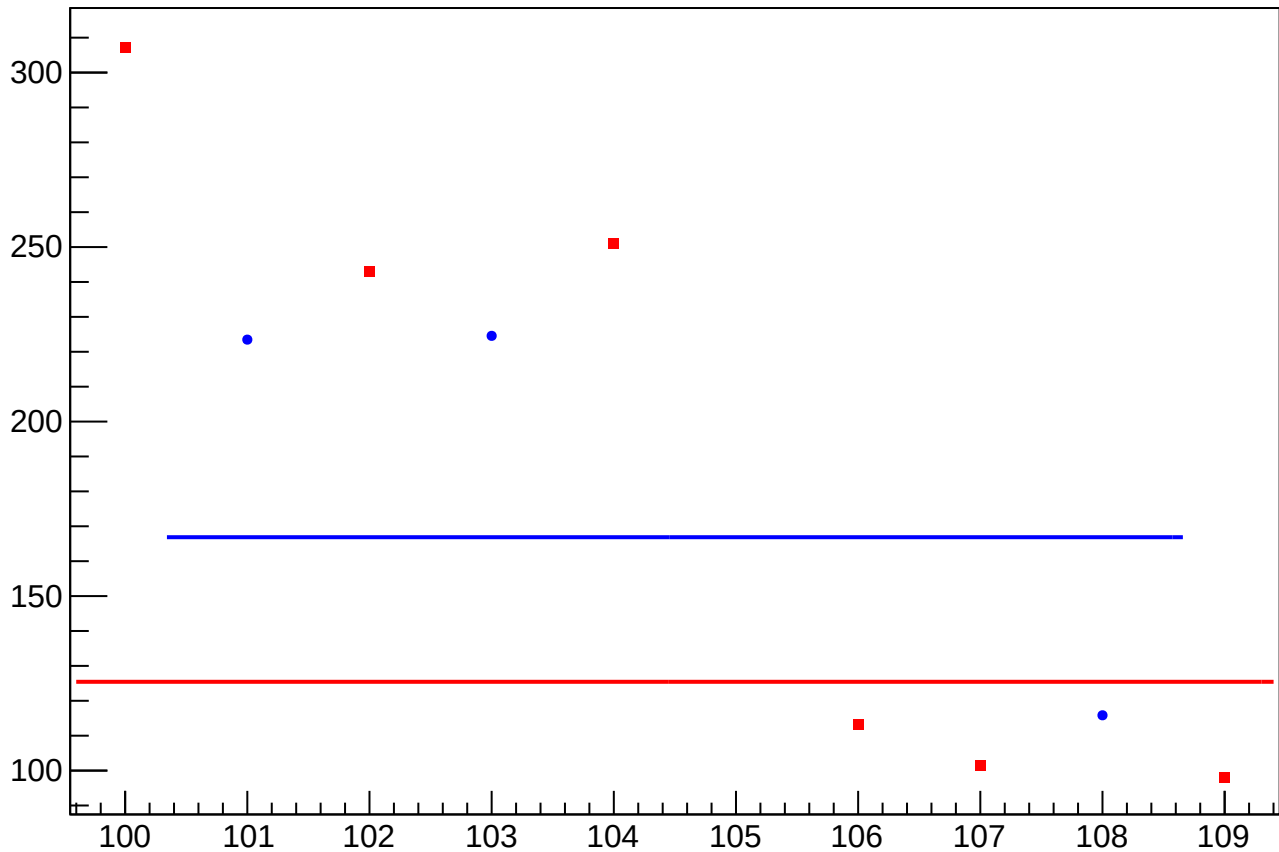
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -939.994+/-76.422 χ^2/NDF : 5433.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i02WS_rms vs Slug



Right In: 166.870 $\pm$ 0.099 χ^2 /NDF: 299910.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.442 $\pm$ 0.065 χ^2 /NDF: 691835.6/5

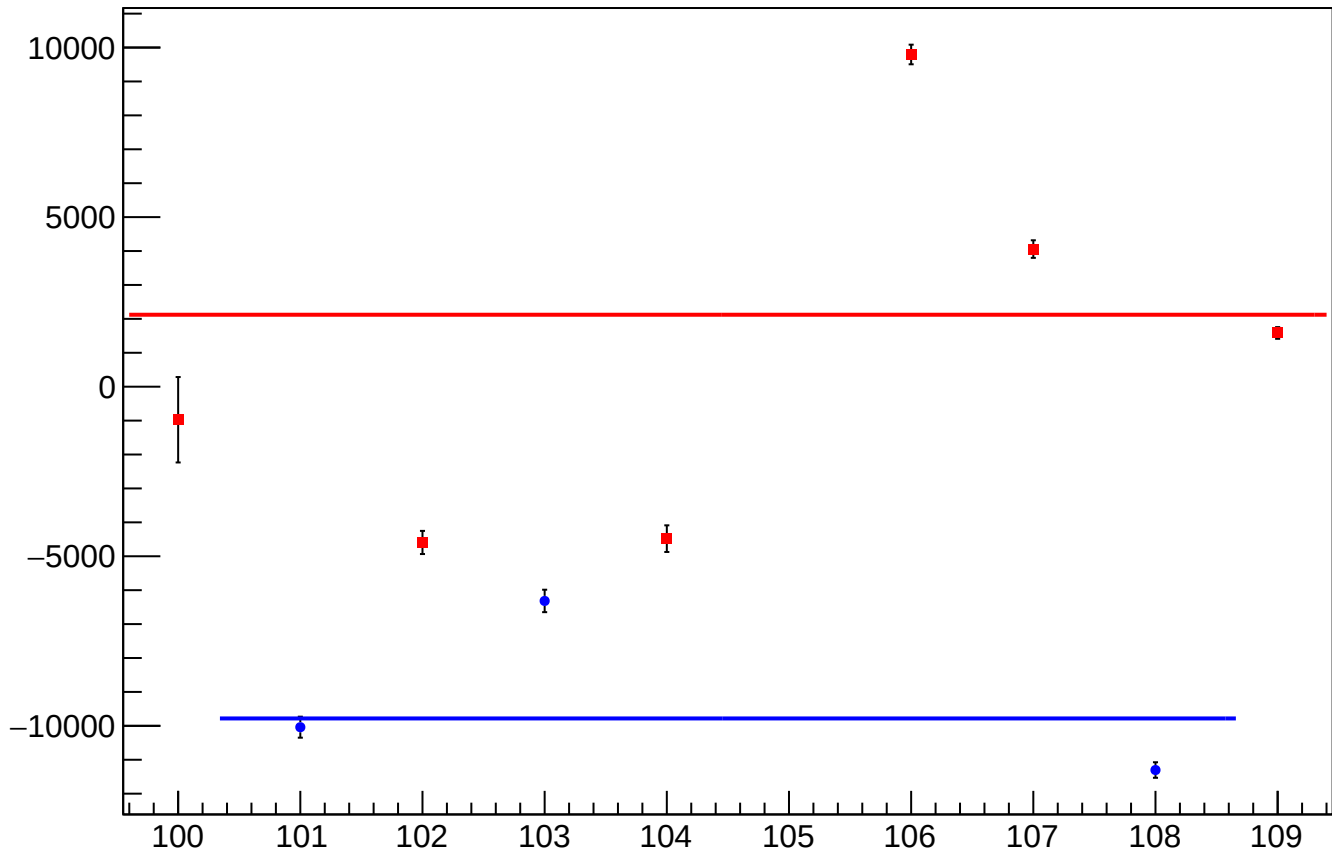
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.889 $\pm$ 0.054 χ^2 /NDF: 1115276.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: -9782.156+/-160.987 χ^2/NDF : 154.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2121.520+/-114.494 χ^2/NDF : 1444.9/5

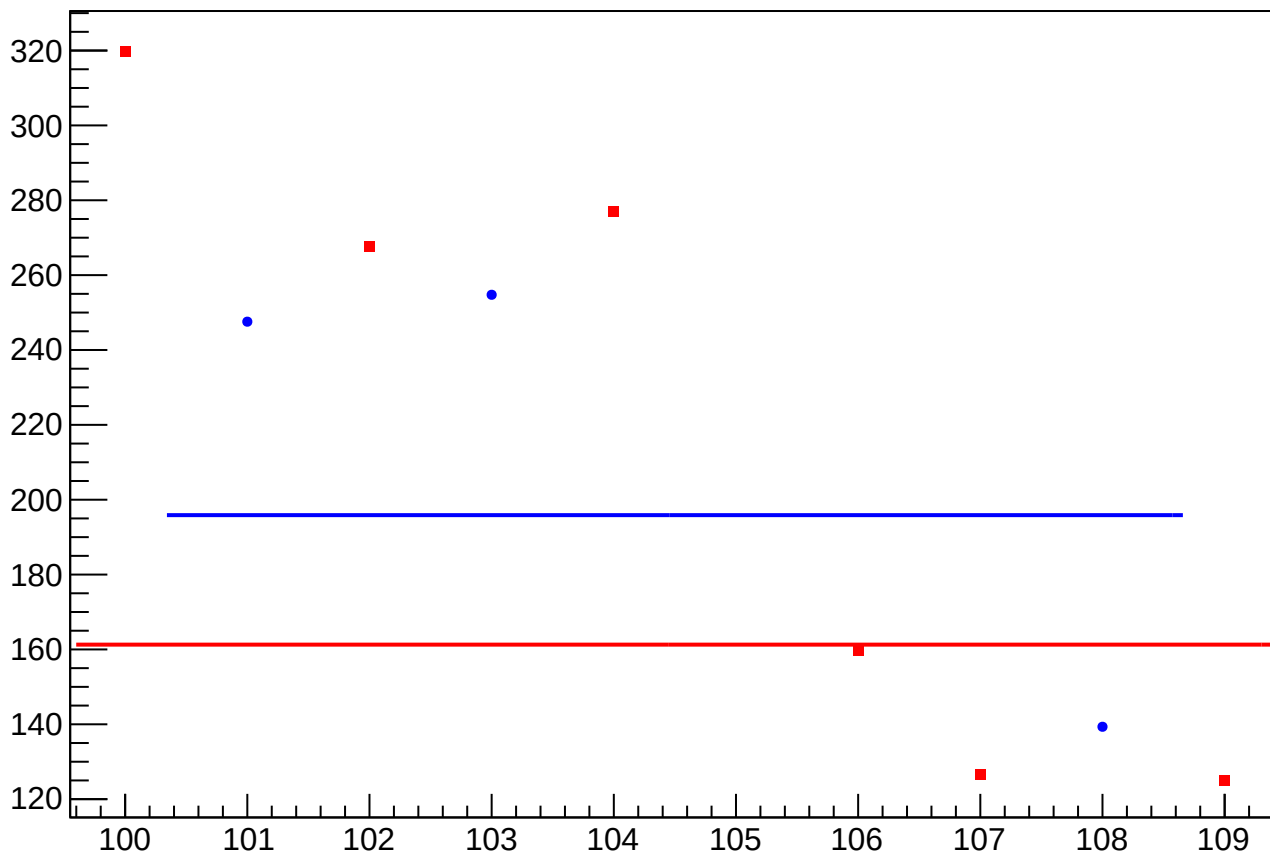
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1876.940+/-93.303 χ^2/NDF : 5230.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_rms vs Slug



Right In: 195.878 $\pm$ 0.114 χ^2 /NDF: 240651.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 161.283 $\pm$ 0.081 χ^2 /NDF: 523754.5/5

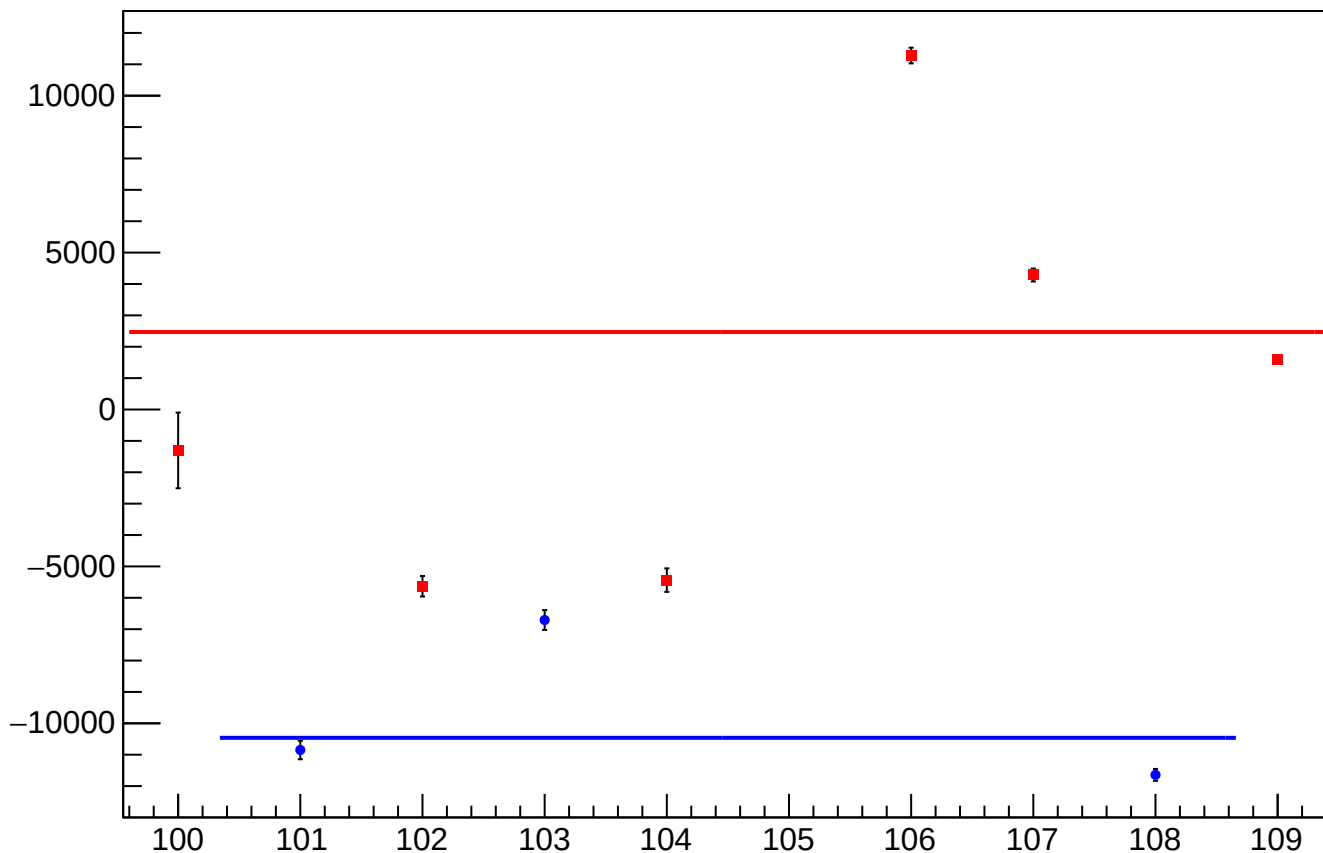
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 172.904 $\pm$ 0.066 χ^2 /NDF: 825742.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01aWS_mean vs Slug



Right In: -10461.834+/-142.156 χ^2 /NDF: 181.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 2469.701+/-94.903 χ^2 /NDF: 2435.4/5

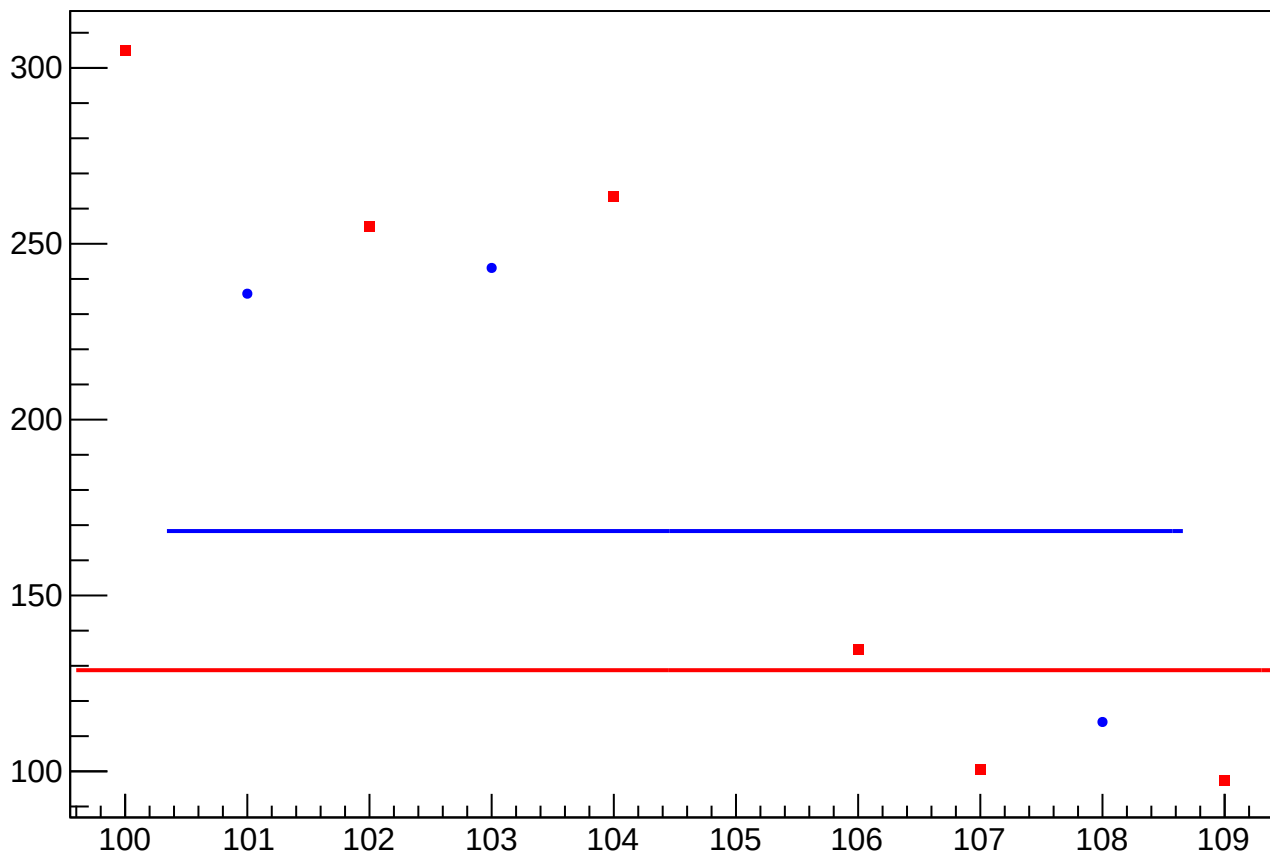
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1516.943+/-78.930 χ^2 /NDF: 8341.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 168.319 $\pm$ 0.101 χ^2 /NDF: 381522.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.757 $\pm$ 0.067 χ^2 /NDF: 745889.8/5

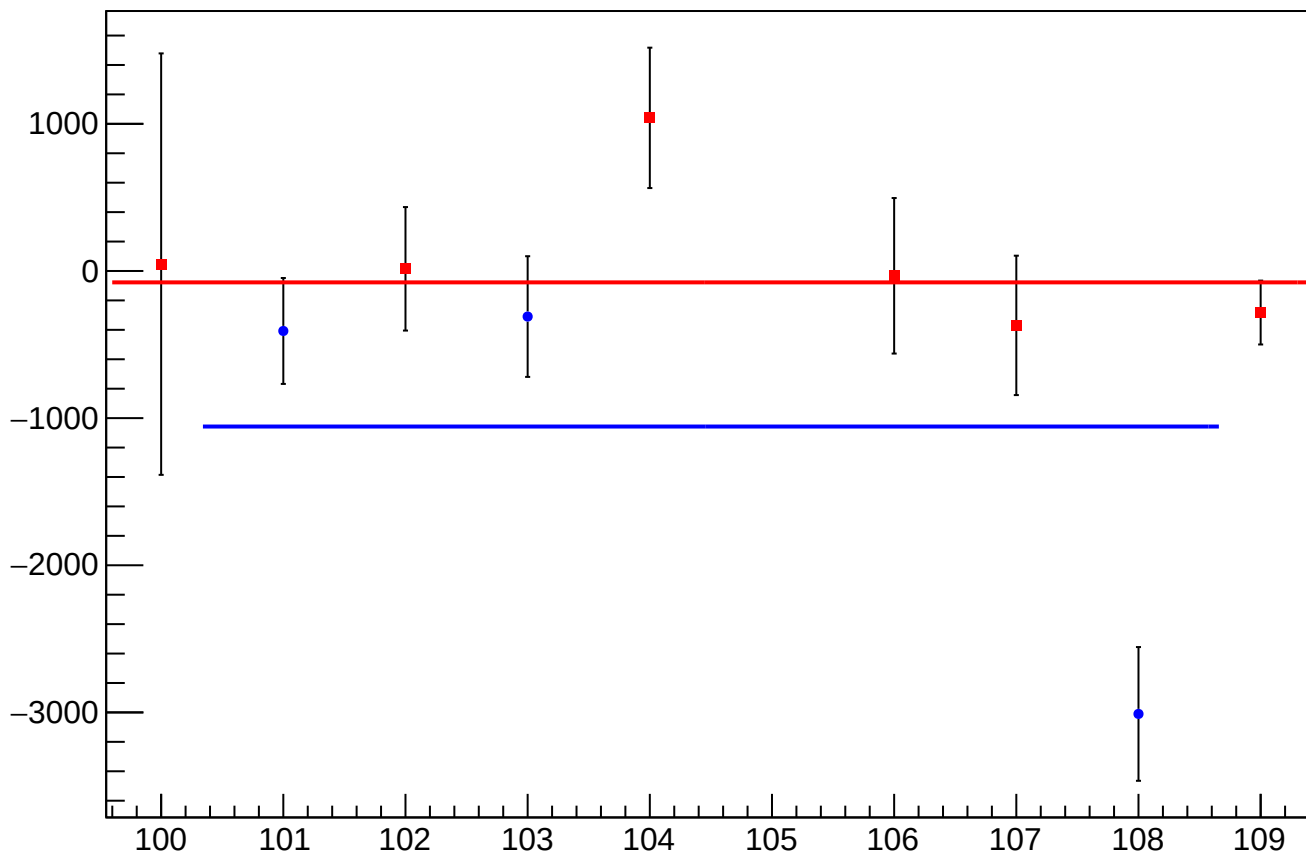
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 140.954 $\pm$ 0.056 χ^2 /NDF: 1234559.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_mean vs Slug



Right In: -1057.097 $\pm$ 232.449 χ^2 /NDF: 25.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.407 $\pm$ 158.455 χ^2 /NDF: 6.8/5

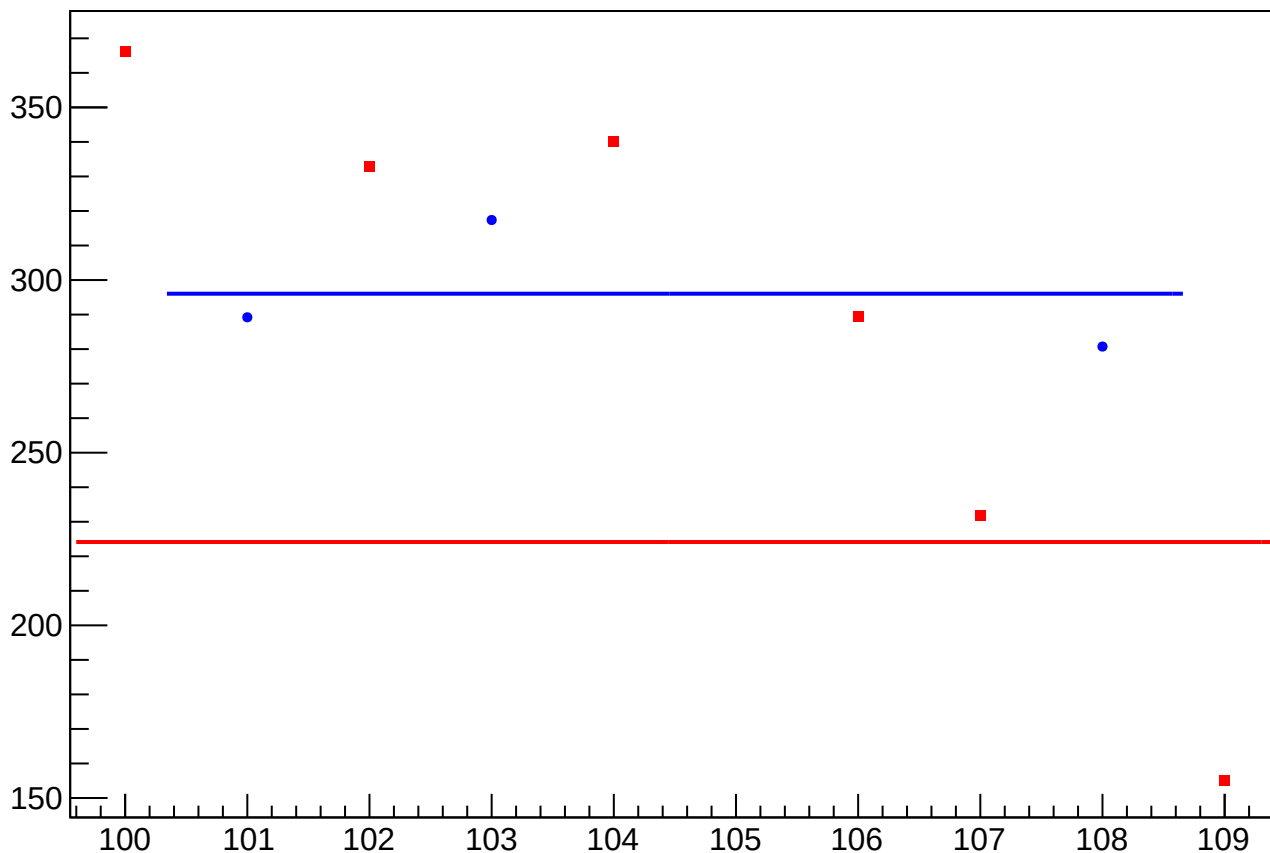
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -388.221 $\pm$ 130.928 χ^2 /NDF: 44.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_rms vs Slug



Right In: 296.044 $\pm$ 0.164 χ^2 /NDF: 8405.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 224.140 $\pm$ 0.112 χ^2 /NDF: 505737.9/5

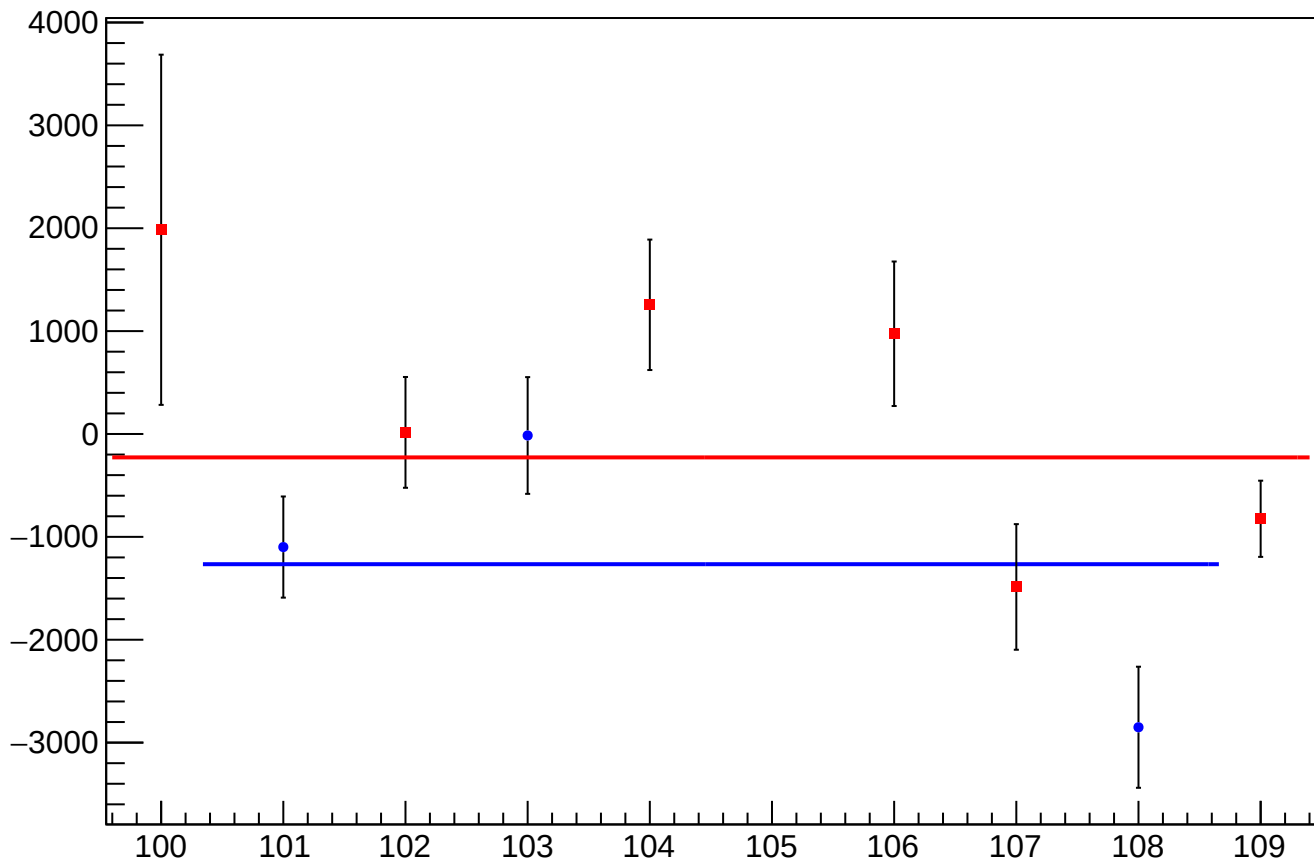
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 246.952 $\pm$ 0.093 χ^2 /NDF: 644801.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l02WS_mean vs Slug



Right In: -1265.738 $\pm$ 314.164 χ^2 /NDF: 12.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -227.627 $\pm$ 233.867 χ^2 /NDF: 17.1/5

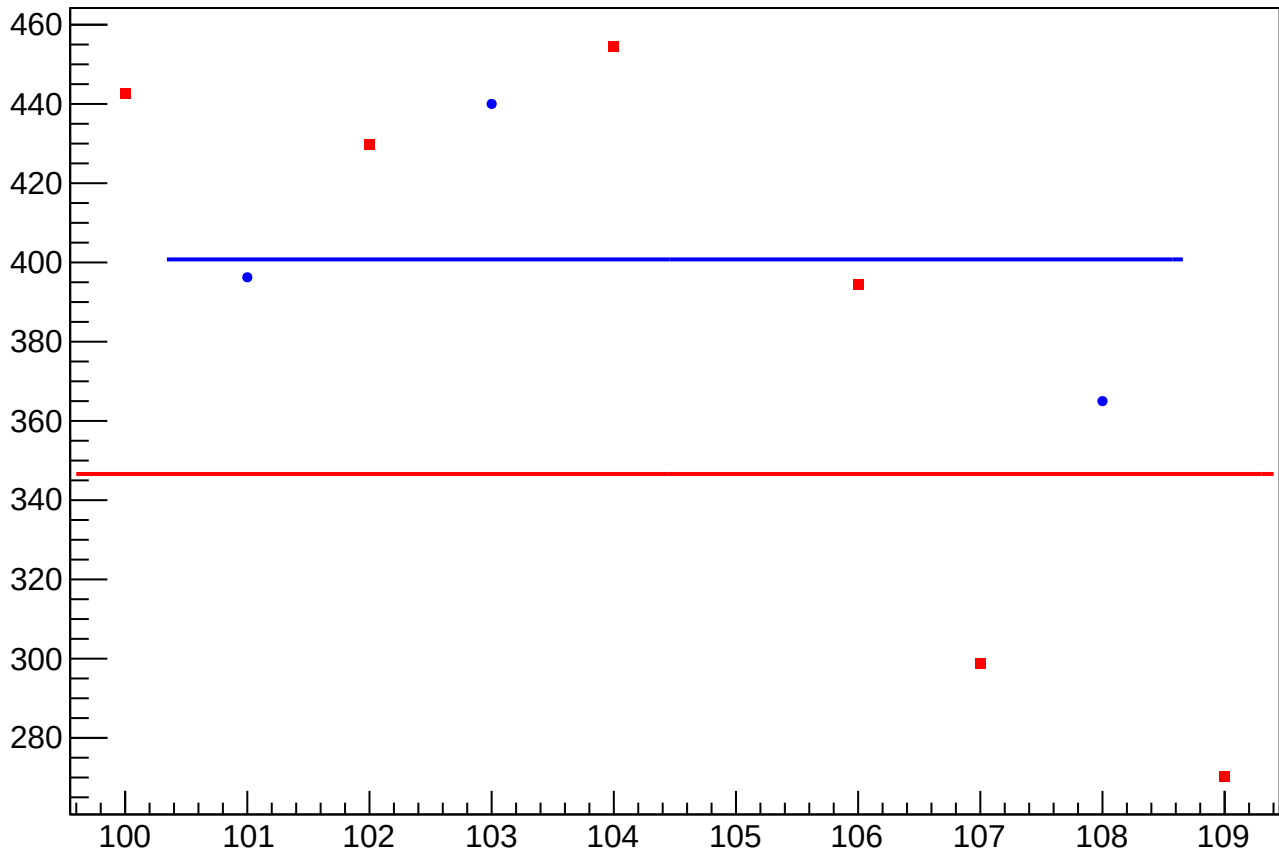
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -597.775 $\pm$ 187.595 χ^2 /NDF: 36.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 400.766 $\pm$ 0.222 χ^2 /NDF: 17127.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 346.615 $\pm$ 0.165 χ^2 /NDF: 218744.1/5

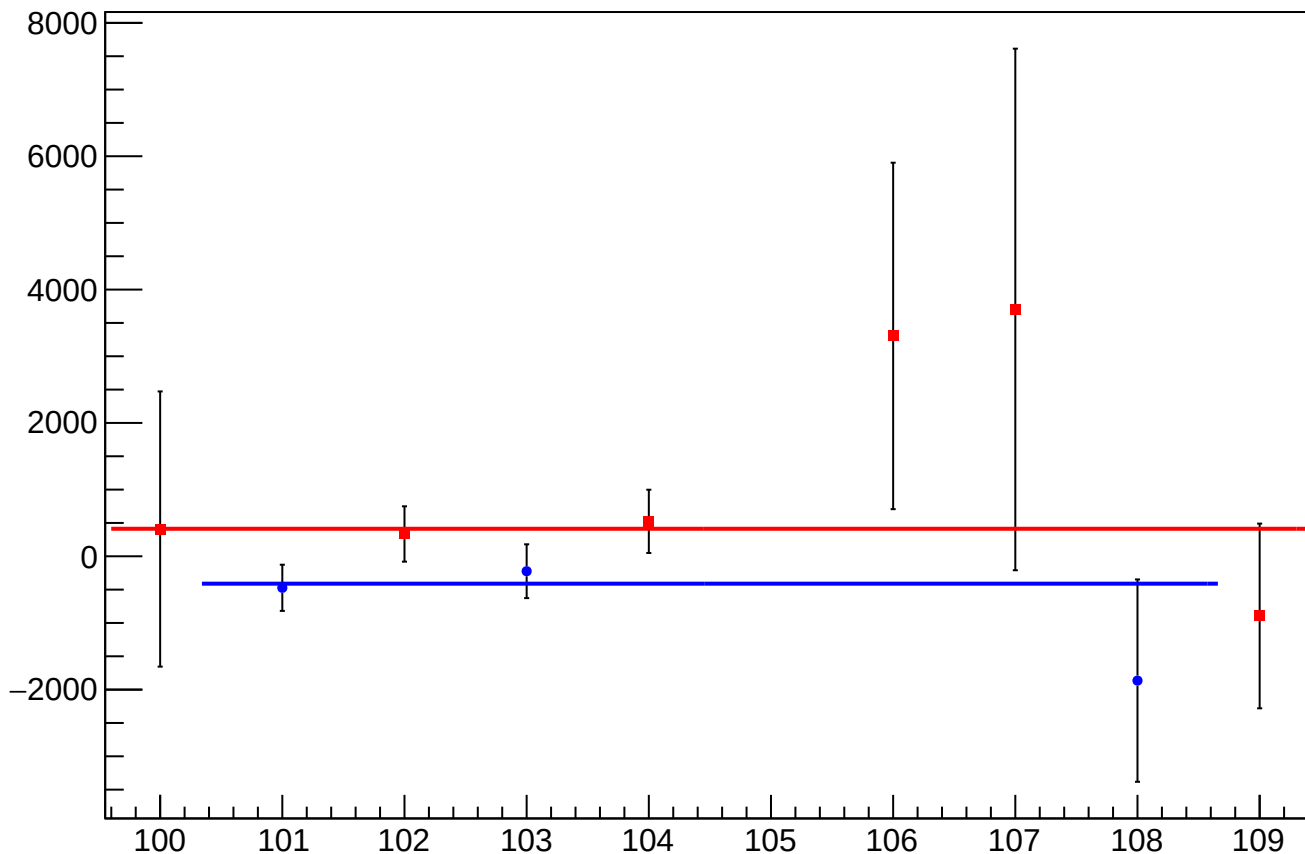
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 365.923 $\pm$ 0.133 χ^2 /NDF: 274104.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -410.905+/-258.935 χ^2 /NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 412.772+/-298.542 χ^2 /NDF: 2.9/5

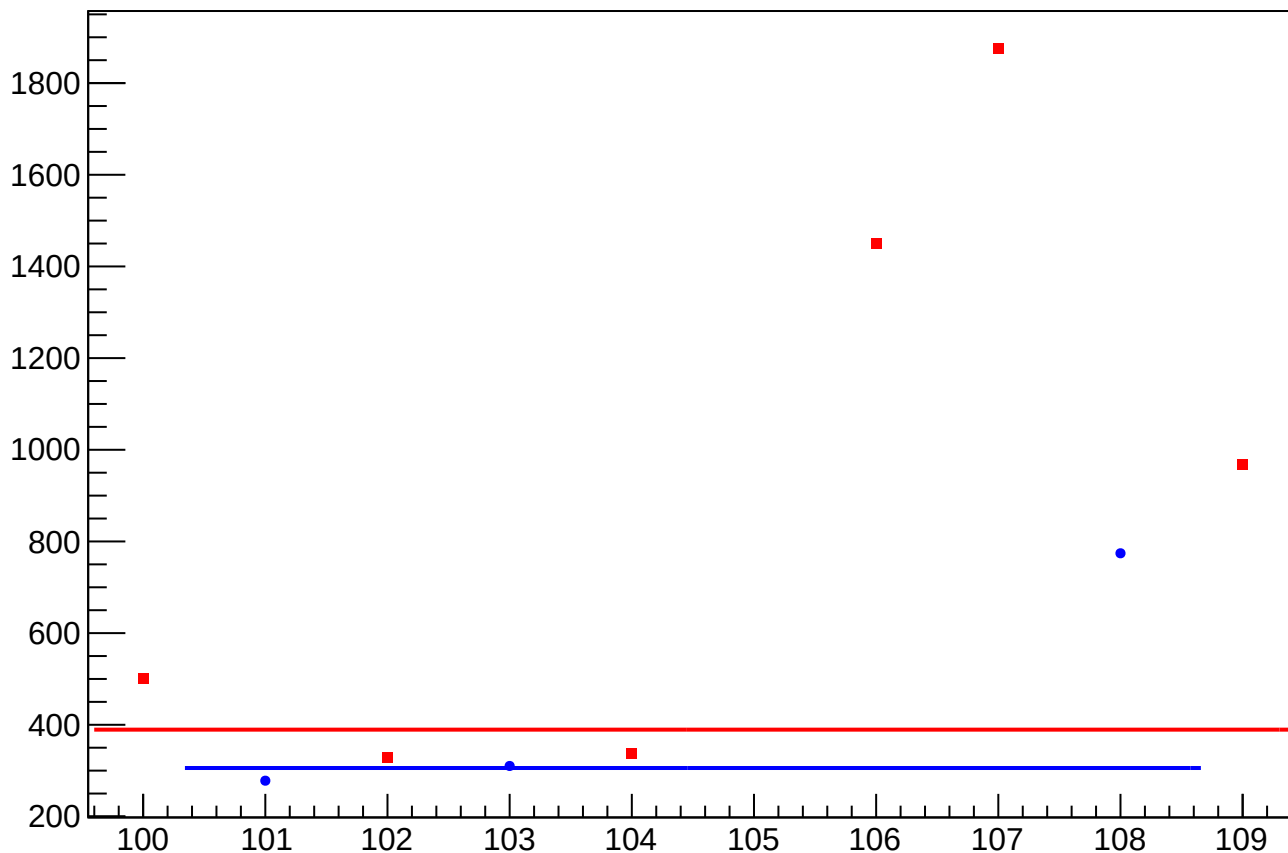
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -57.292+/-195.610 χ^2 /NDF: 8.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0l03WS_rms vs Slug



Right In: 305.715 $\pm$ 0.183 χ^2 /NDF: 203586.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 389.409 $\pm$ 0.211 χ^2 /NDF: 1041239.6/5

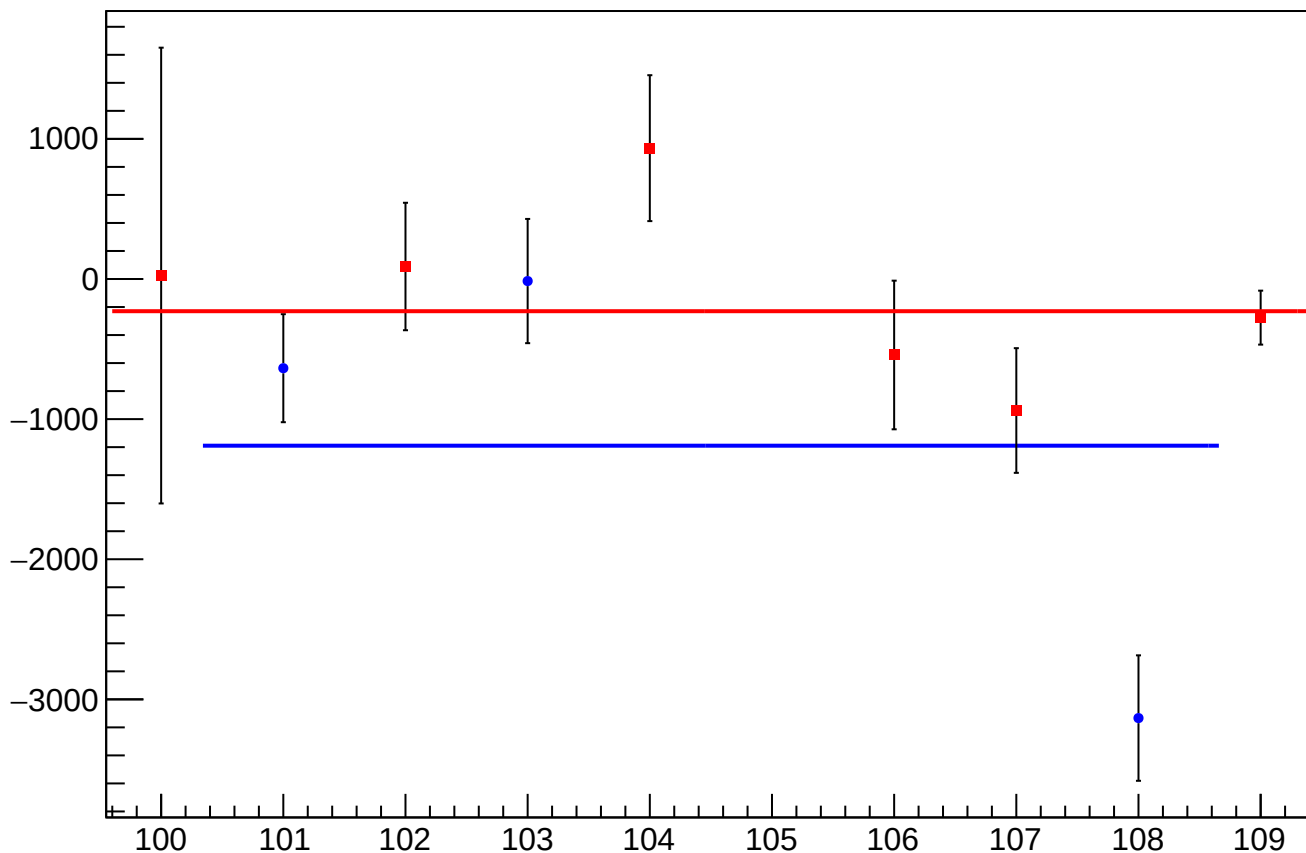
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 341.646 $\pm$ 0.138 χ^2 /NDF: 1334528.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l04WS_mean vs Slug



Right In: -1189.632 ± 243.942 χ^2/NDF : 27.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -229.782 ± 149.954 χ^2/NDF : 8.5/5

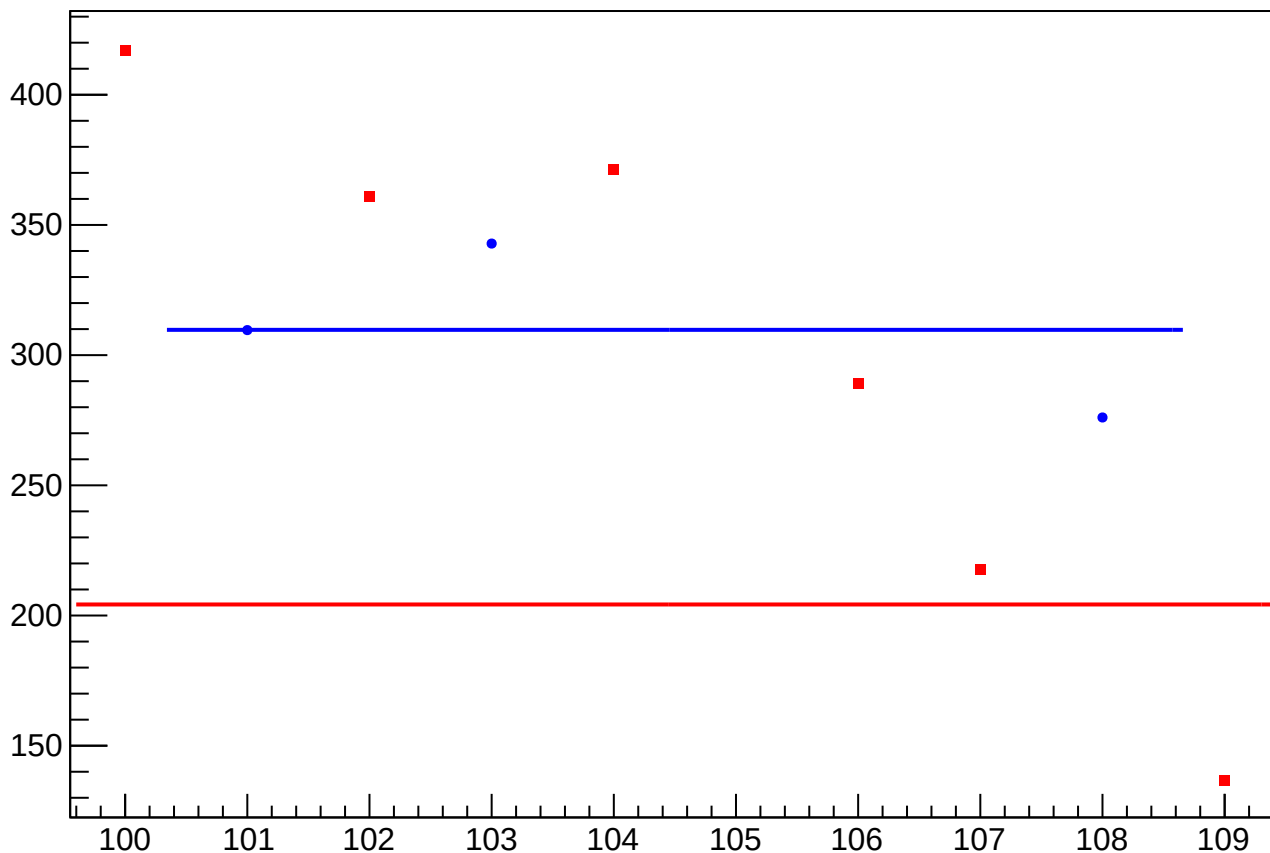
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -493.014 ± 127.748 χ^2/NDF : 47.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_rms vs Slug



Right In: 309.716+/-0.172 χ^2/NDF : 22477.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 204.242+/-0.106 χ^2/NDF : 775964.3/5

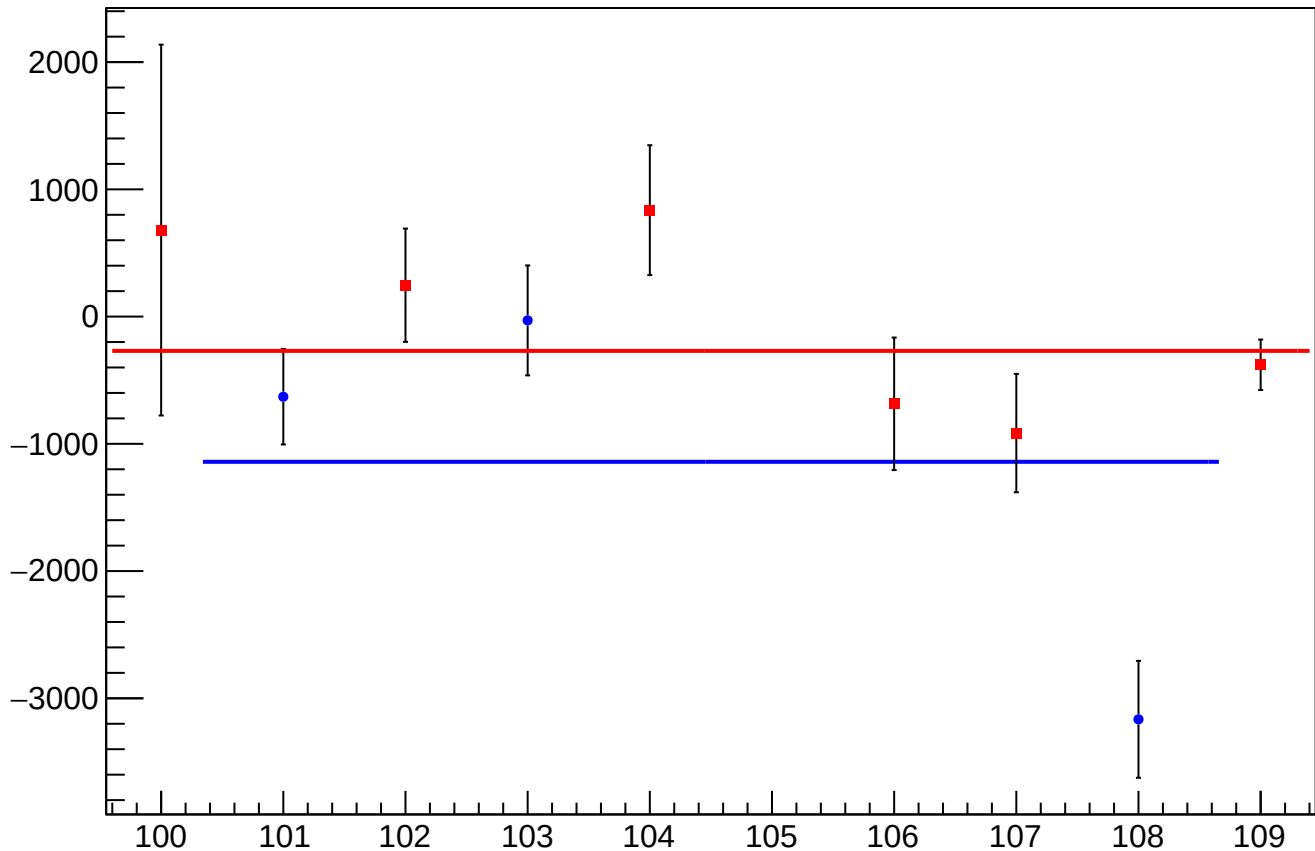
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 233.167+/-0.090 χ^2/NDF : 1069799.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_mean vs Slug



Right In: -1141.208 ± 241.132 χ^2/NDF : 27.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -269.596 ± 152.334 χ^2/NDF : 9.3/5

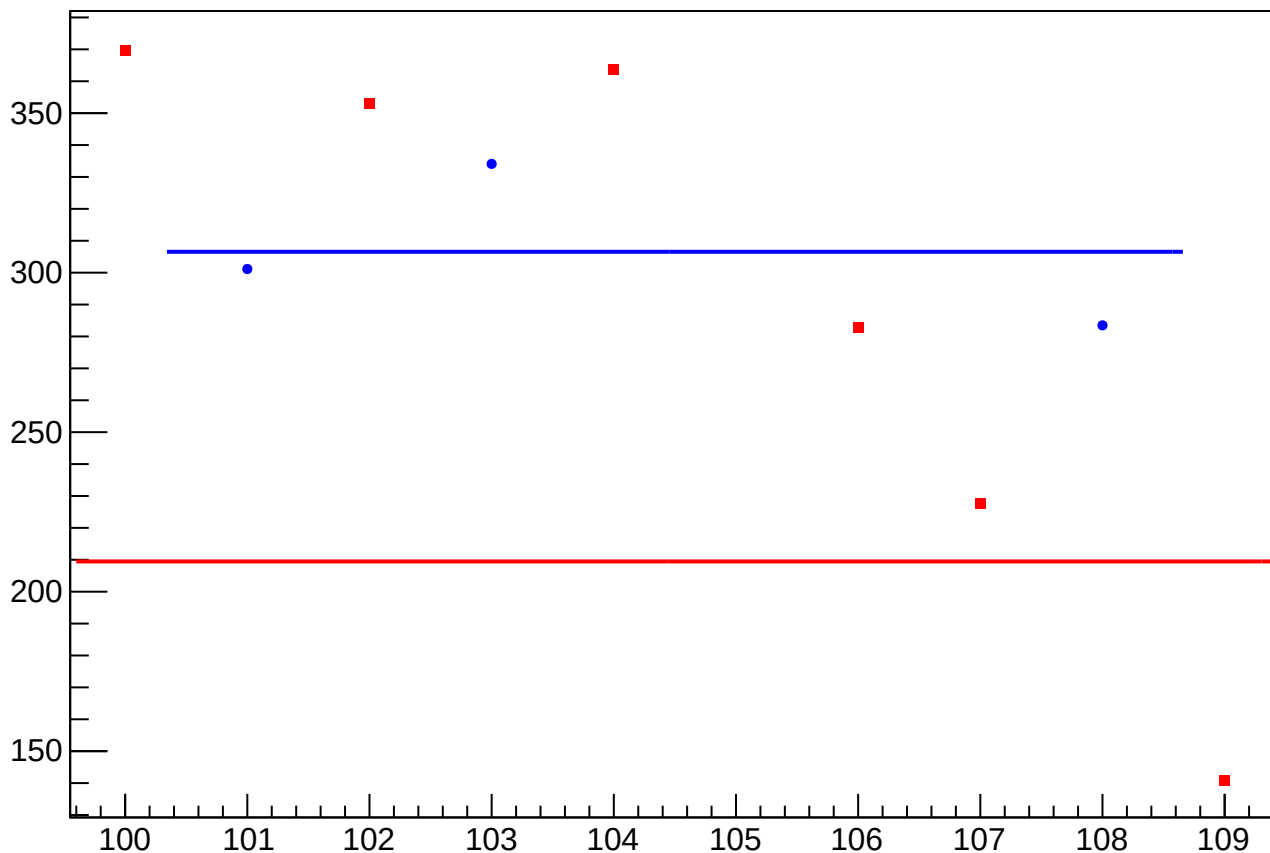
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -518.229 ± 128.787 χ^2/NDF : 46.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 306.542 $\pm$ 0.171 χ^2 /NDF: 13580.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 209.480 $\pm$ 0.108 χ^2 /NDF: 696643.5/5

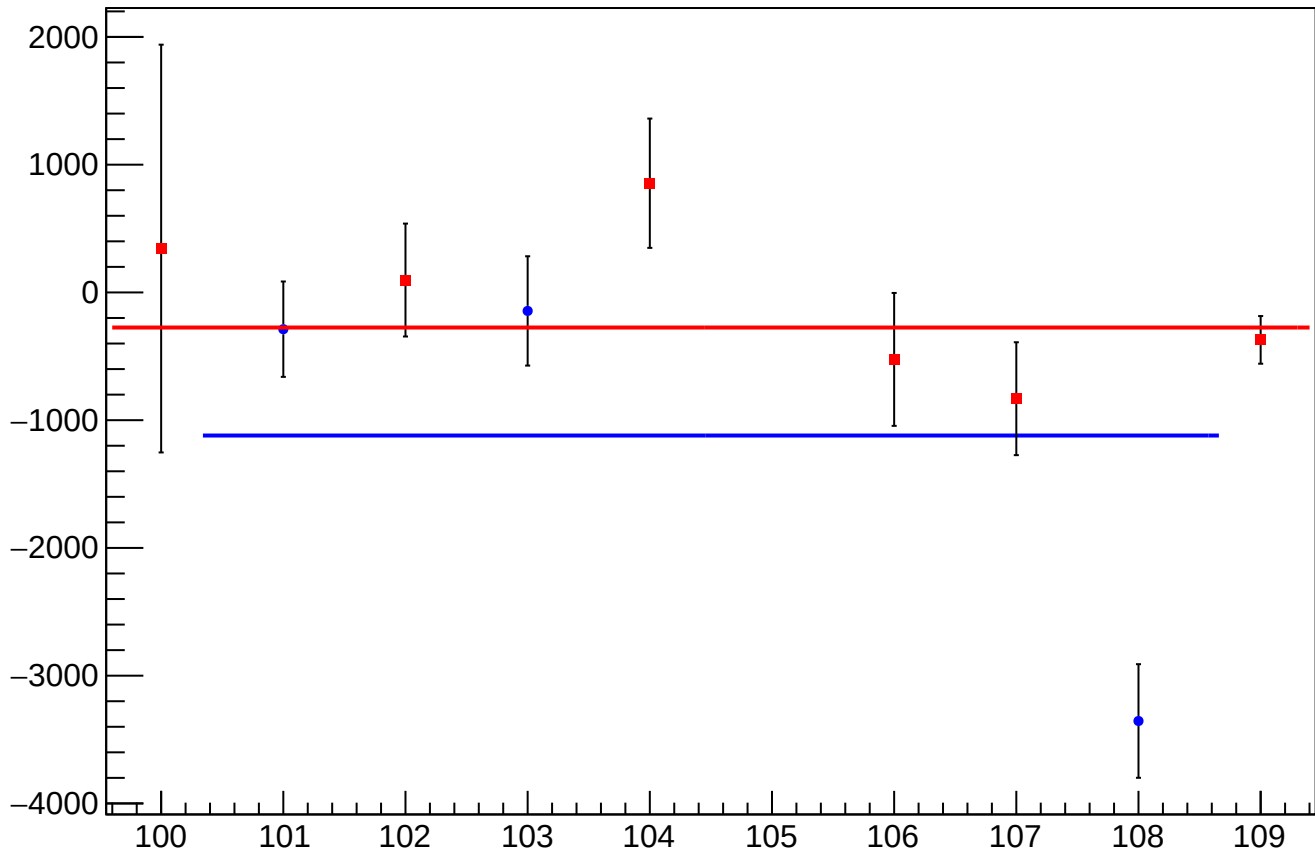
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.167 $\pm$ 0.091 χ^2 /NDF: 941842.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: -1120.078 ± 237.719 χ^2/NDF : 35.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -274.702 ± 145.890 χ^2/NDF : 7.9/5

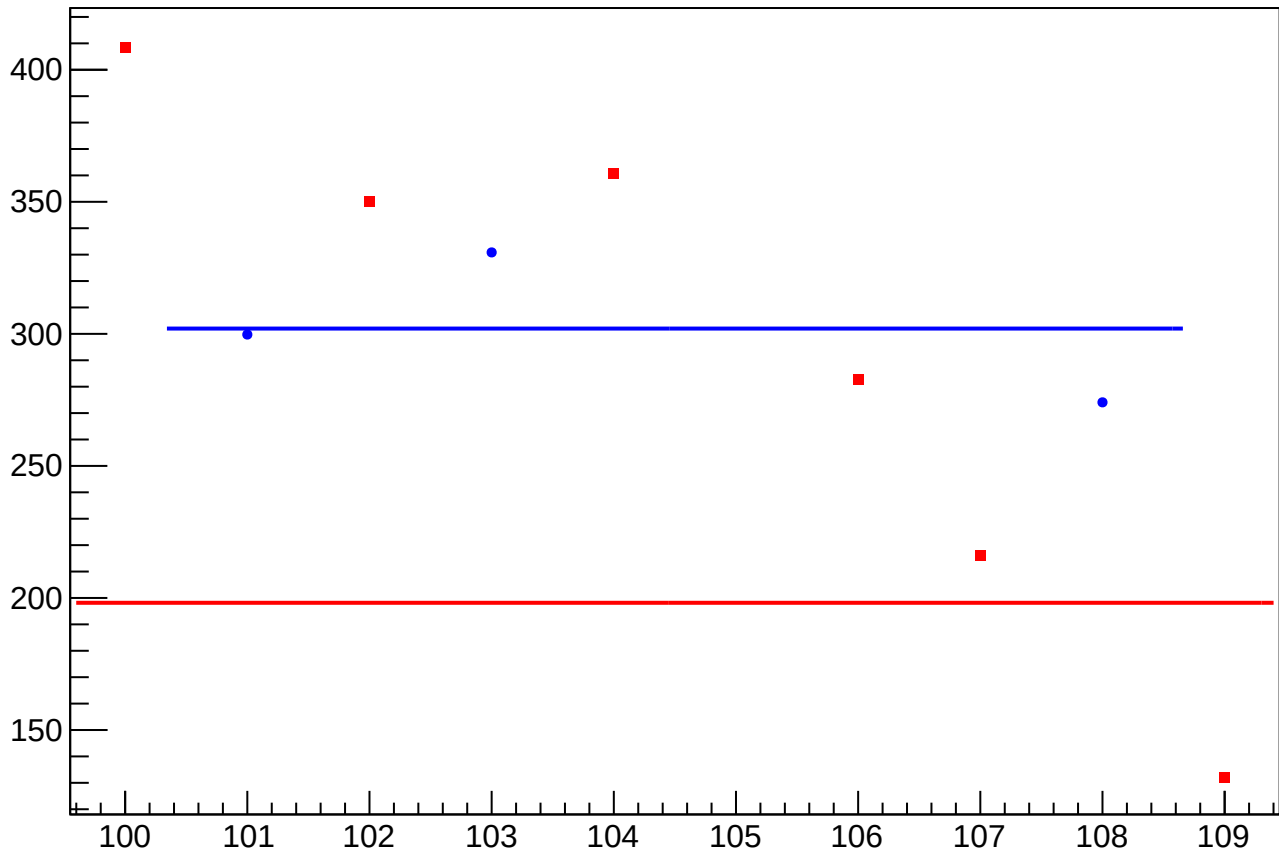
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -505.991 ± 124.341 χ^2/NDF : 52.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 302.007 $\pm$ 0.168 χ^2 /NDF: 17048.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 198.171 $\pm$ 0.103 χ^2 /NDF: 785558.9/5

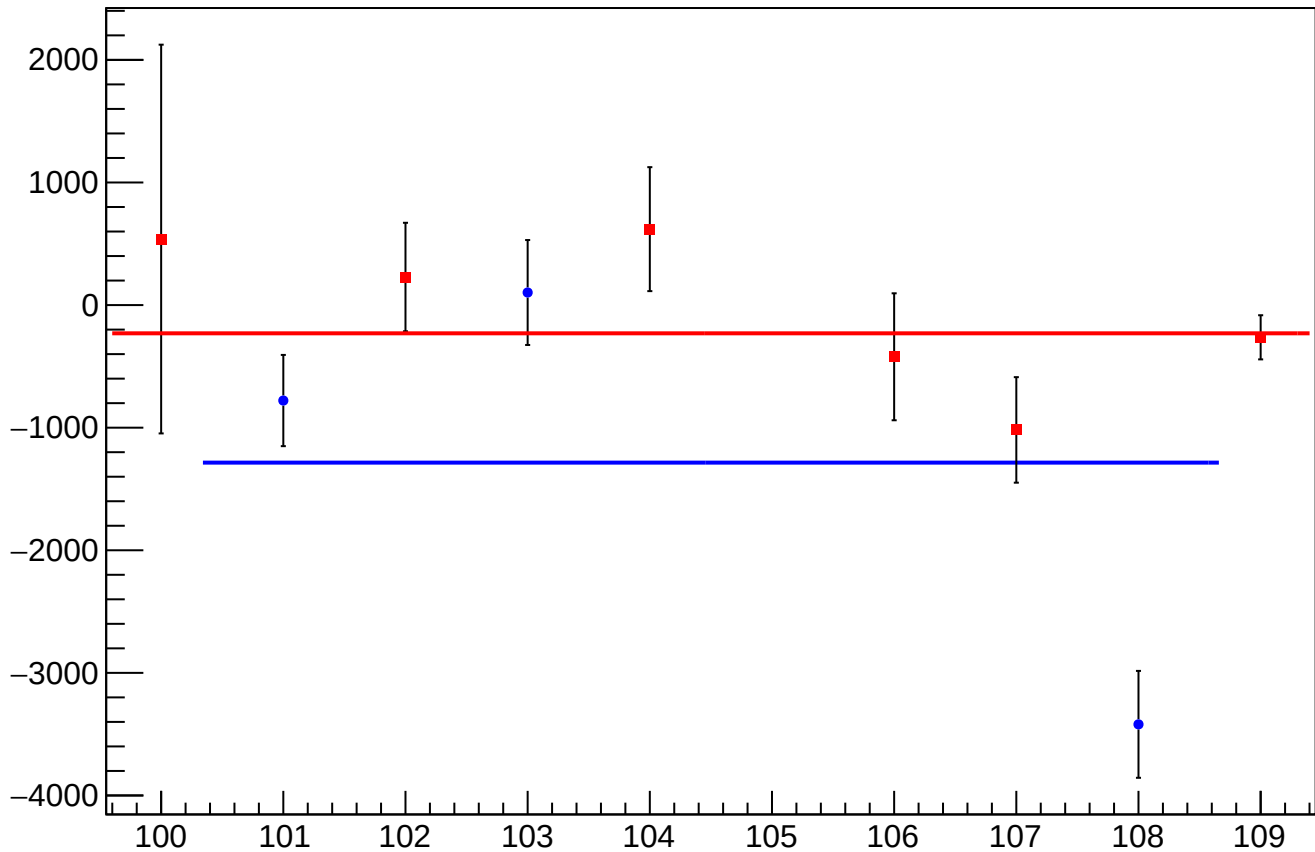
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 226.579 $\pm$ 0.088 χ^2 /NDF: 1079798.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



Right In: -1285.003 ± 236.082 χ^2/NDF : 36.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -230.312 ± 142.288 χ^2/NDF : 7.7/5

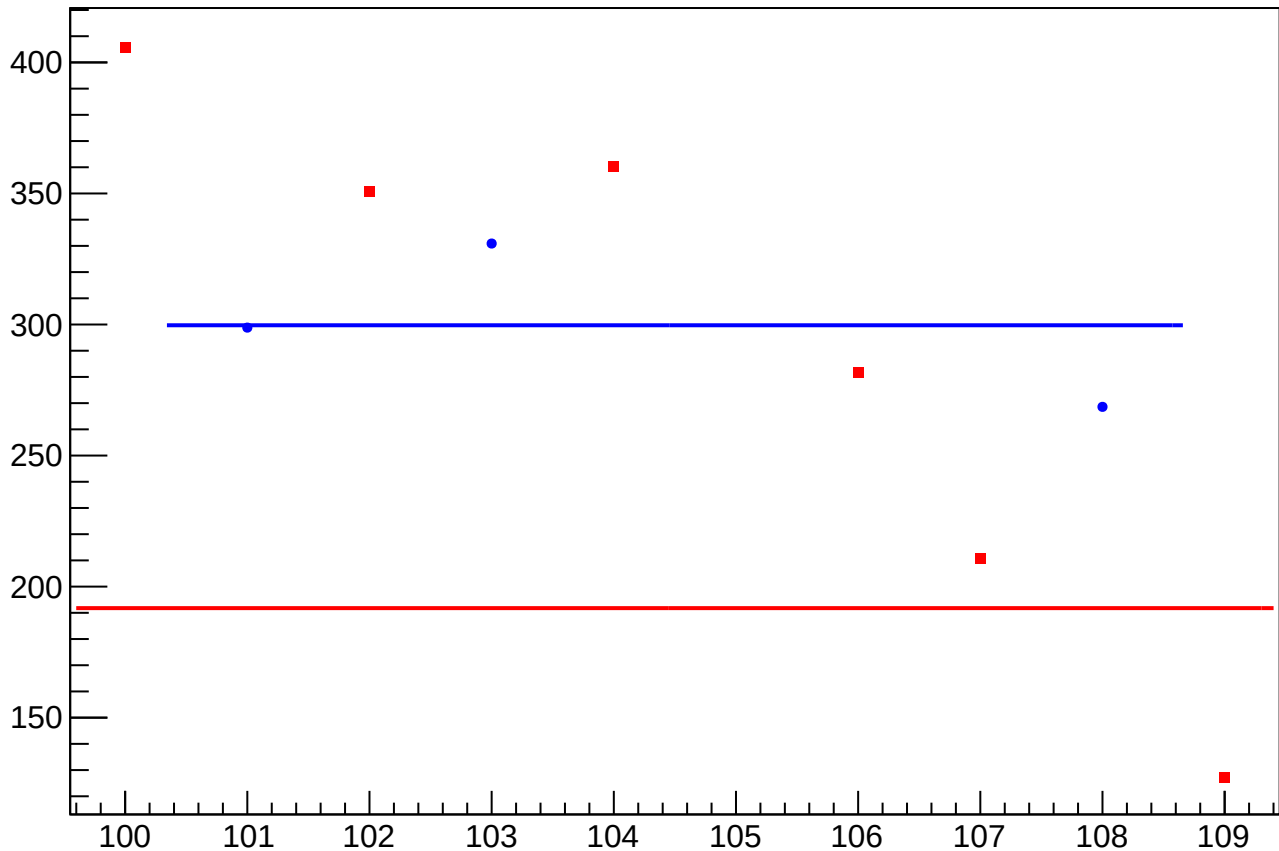
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -511.348 ± 121.865 χ^2/NDF : 58.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 299.713+/-0.167 χ^2/NDF : 20823.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 191.789+/-0.101 χ^2/NDF : 838623.9/5

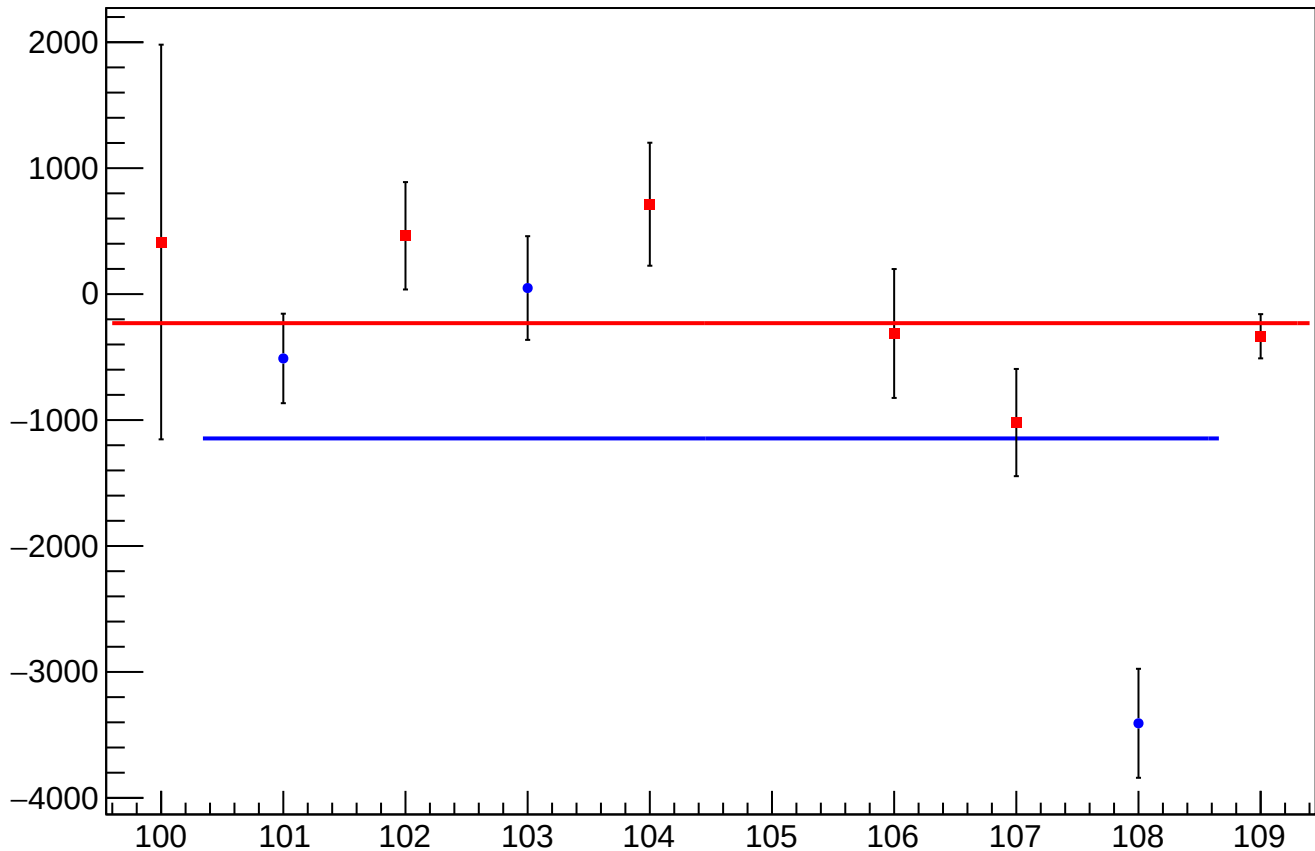
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.547+/-0.086 χ^2/NDF : 1166042.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_mean vs Slug



Right In: -1145.916 ± 228.435 χ^2/NDF : 38.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -230.679 ± 138.845 χ^2/NDF : 10.4/5

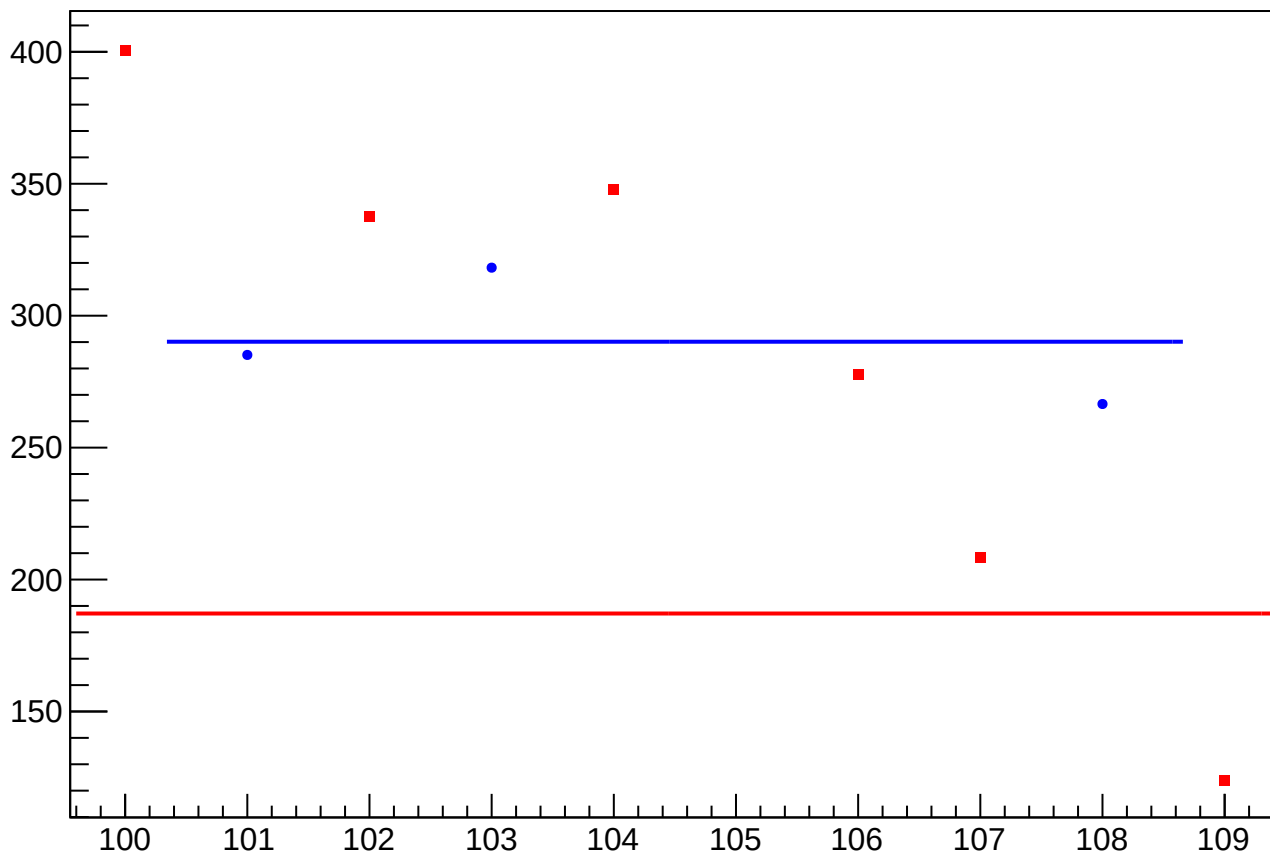
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -477.584 ± 118.648 χ^2/NDF : 61.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_rms vs Slug



Right In: 290.135 $\pm$ 0.162 χ^2 /NDF: 15642.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 187.133 $\pm$ 0.098 χ^2 /NDF: 830319.2/5

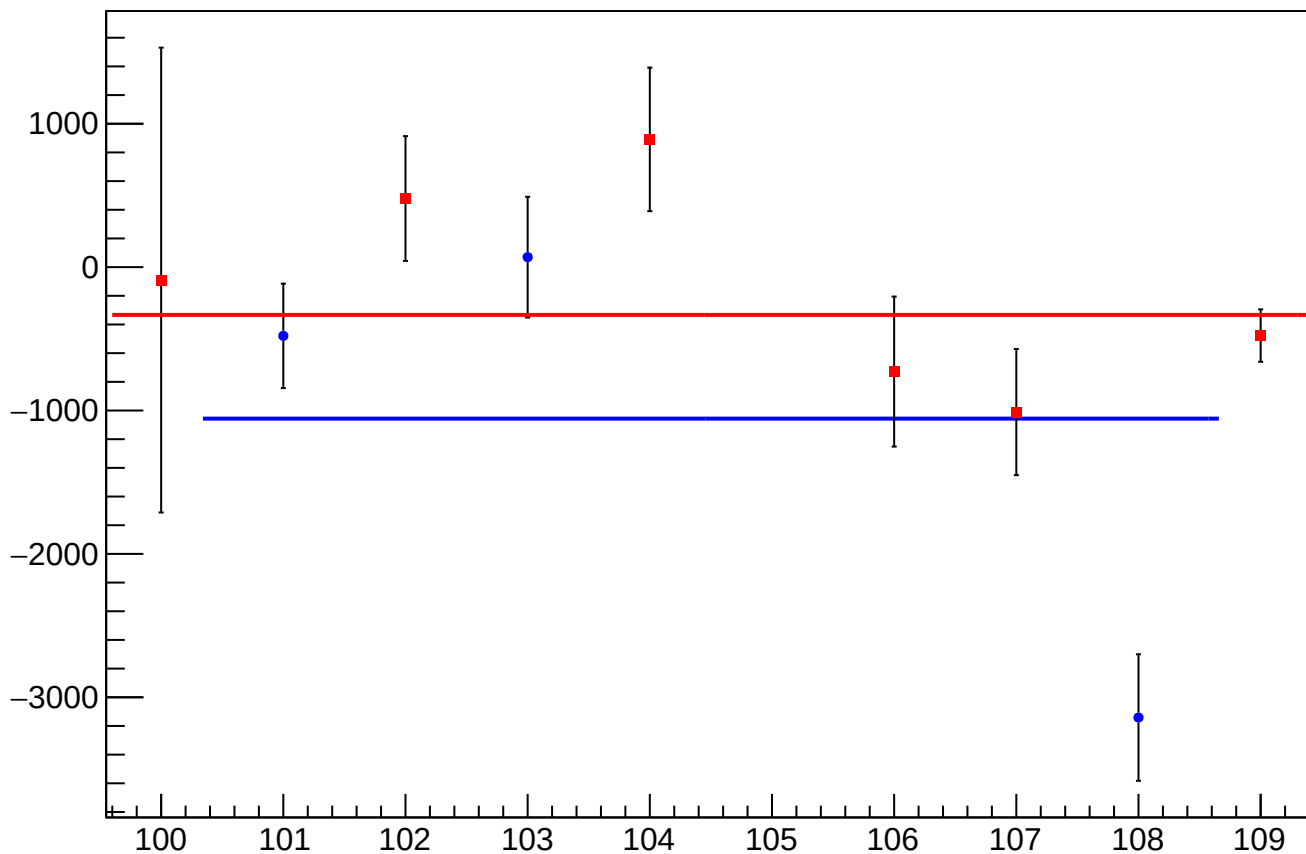
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 214.920 $\pm$ 0.084 χ^2 /NDF: 1142896.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l09WS_mean vs Slug



Right In: -1056.475 $\pm$ 233.612 χ^2 /NDF: 32.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -333.106 $\pm$ 143.728 χ^2 /NDF: 13.0/5

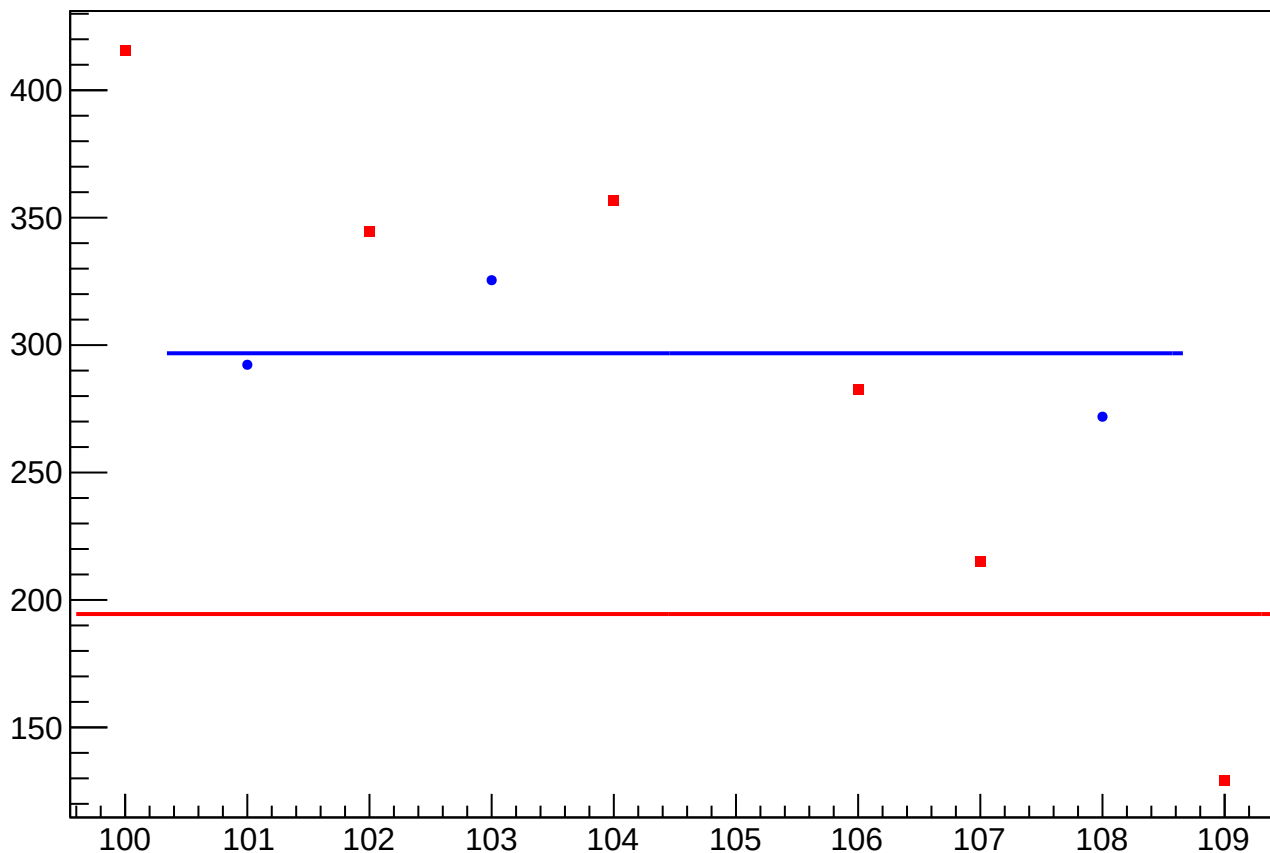
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -531.732 $\pm$ 122.415 χ^2 /NDF: 52.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 296.793+/-0.165 χ^2/NDF : 15953.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.473+/-0.102 χ^2/NDF : 802348.6/5

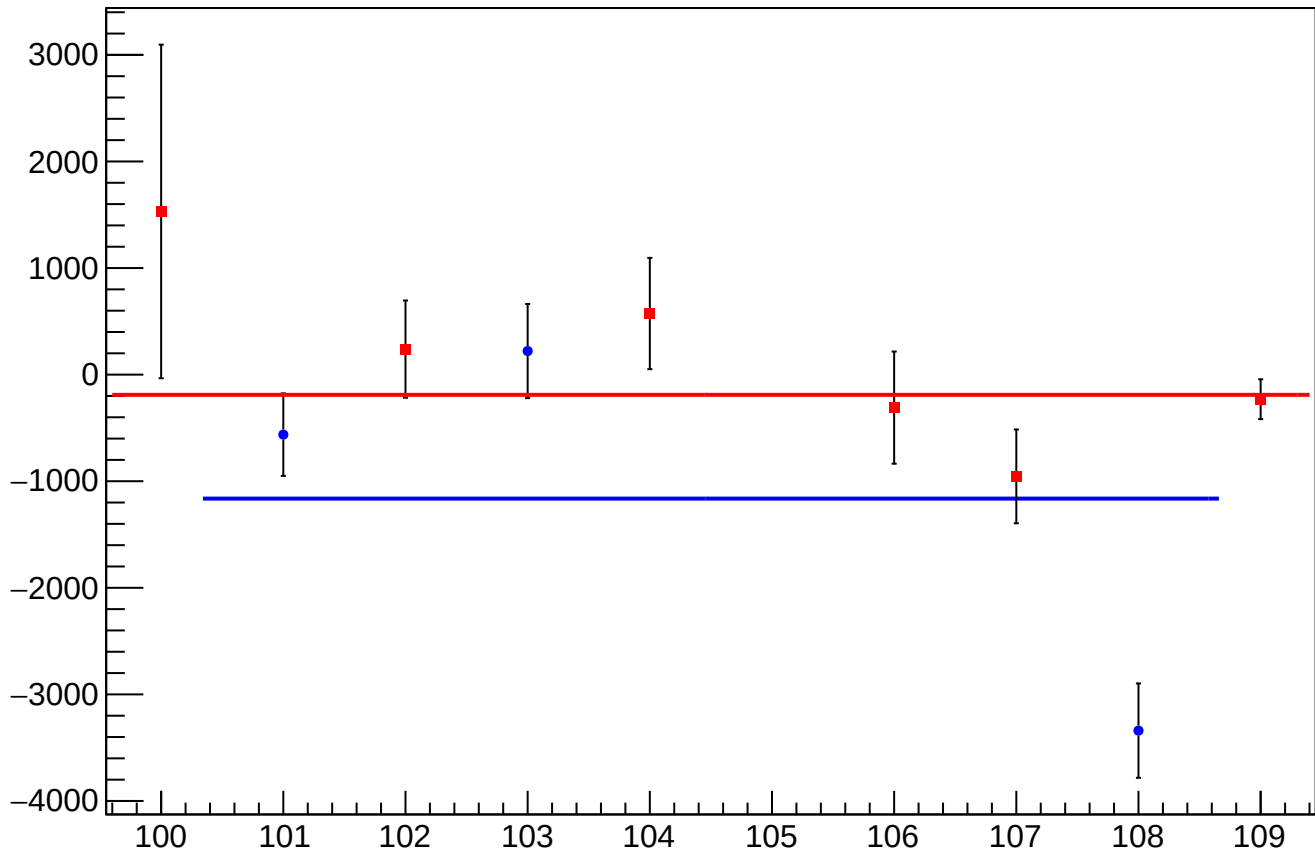
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.568+/-0.087 χ^2/NDF : 1096626.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_mean vs Slug



Right In: -1163.016 ± 243.214 χ^2/NDF : 36.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -189.471 ± 147.002 χ^2/NDF : 7.3/5

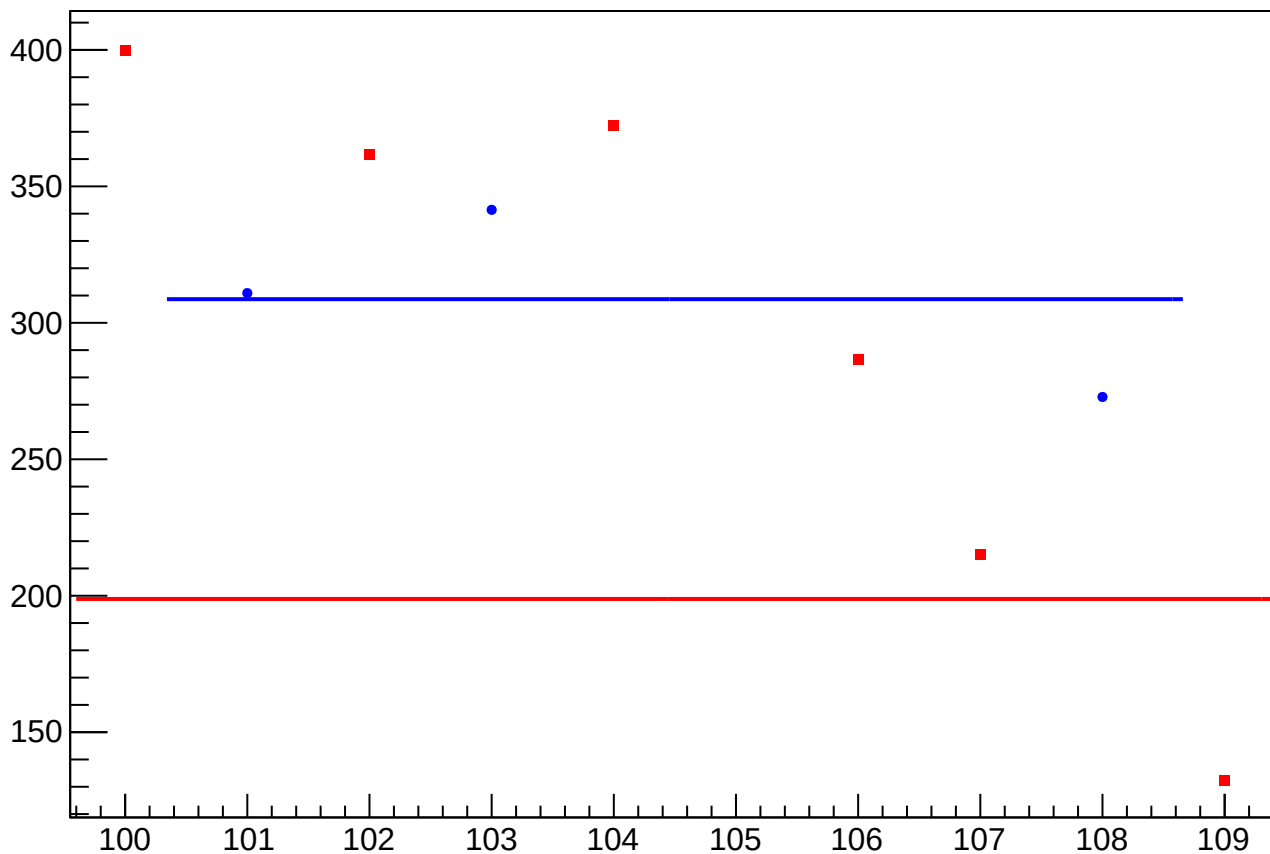
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -449.962 ± 125.808 χ^2/NDF : 55.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 308.668 $\pm$ 0.172 χ^2 /NDF: 24159.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 198.824 $\pm$ 0.104 χ^2 /NDF: 820290.5/5

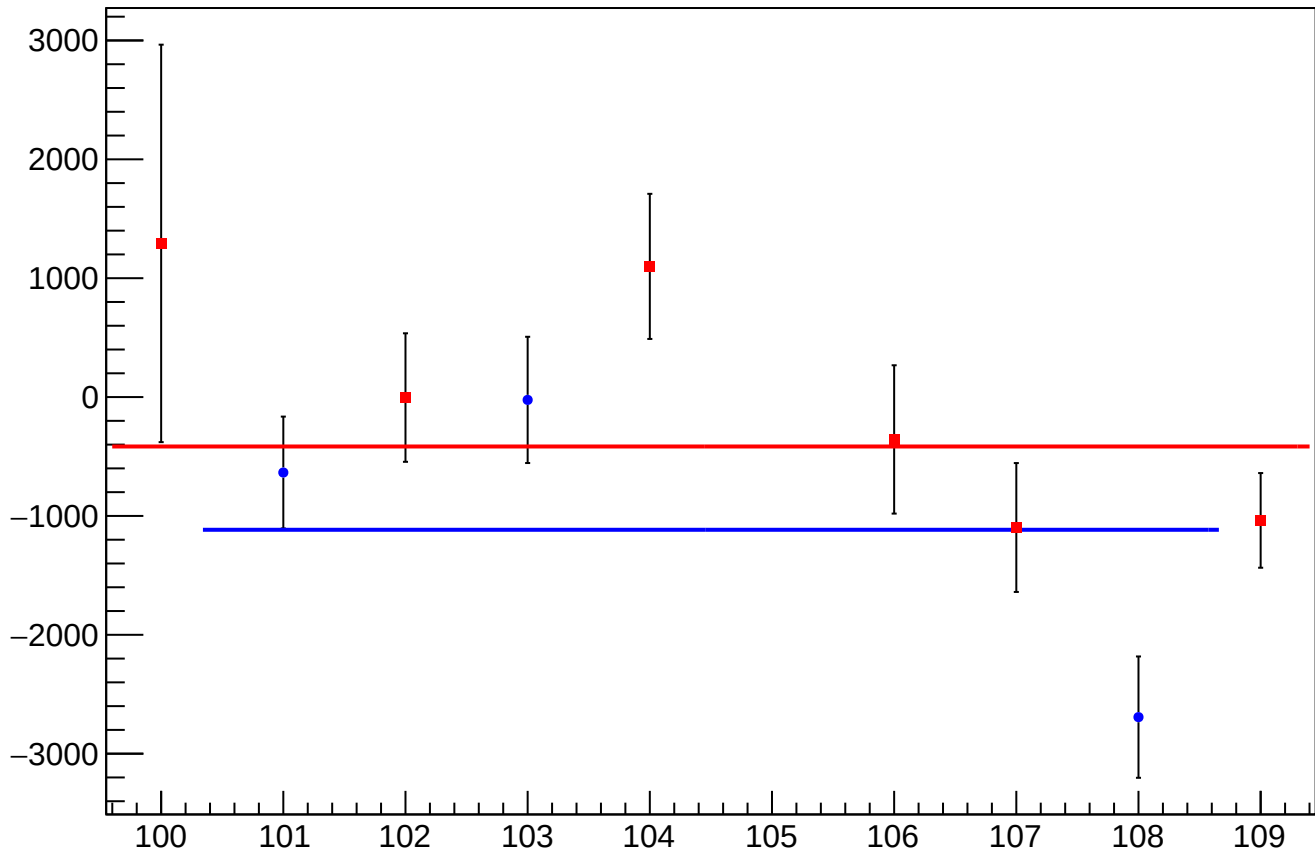
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 228.215 $\pm$ 0.089 χ^2 /NDF: 1143244.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -1116.457 ± 289.846 χ^2/NDF : 14.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -415.751 ± 231.005 χ^2/NDF : 11.8/5

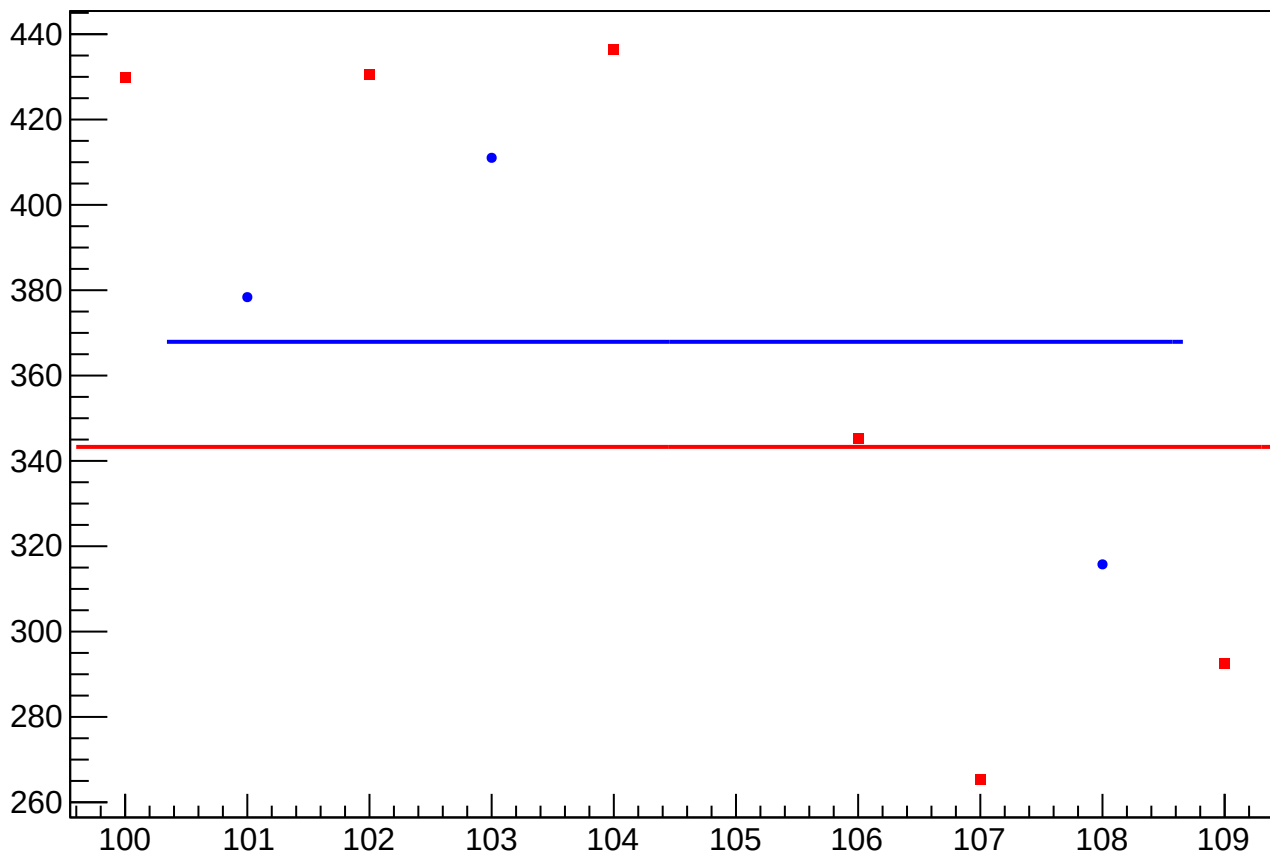
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -687.941 ± 180.649 χ^2/NDF : 30.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_rms vs Slug



Right In: 367.909 $\pm$ 0.205 χ^2 /NDF: 35064.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 343.282 $\pm$ 0.163 χ^2 /NDF: 177700.8/5

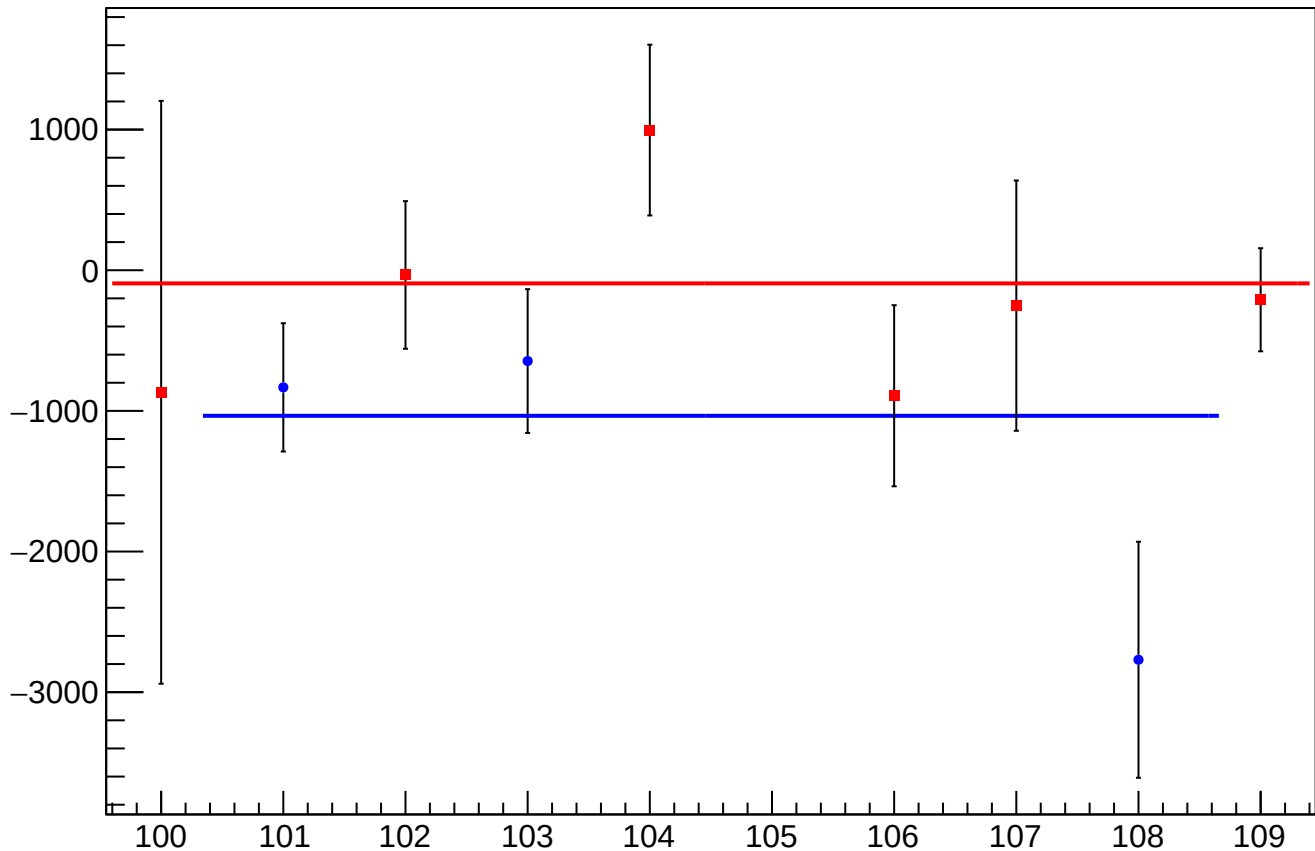
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 352.848 $\pm$ 0.128 χ^2 /NDF: 221595.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -1034.941 ± 315.365 $\chi^2/\text{NDF}: 5.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -93.500 ± 237.717 $\chi^2/\text{NDF}: 5.0/5$

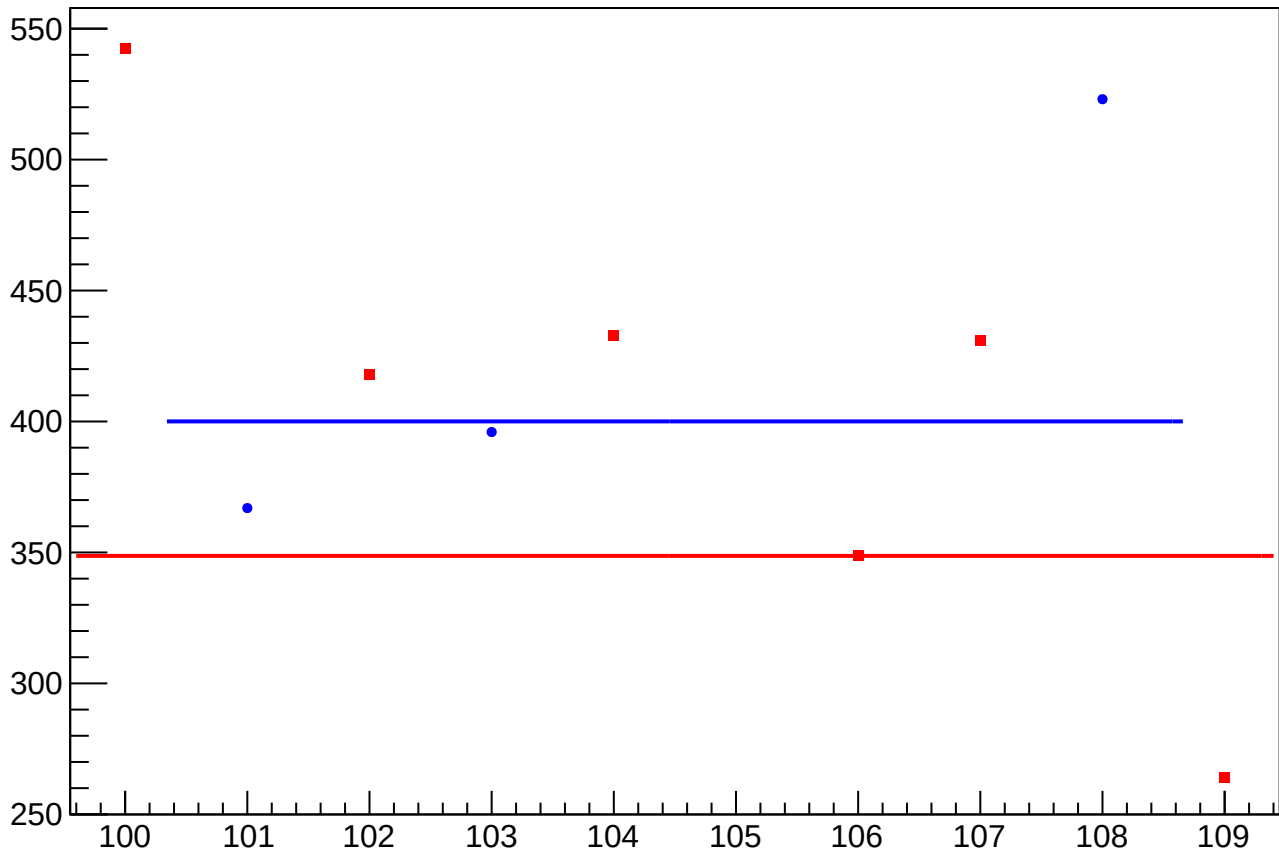
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -434.604 ± 189.828 $\chi^2/\text{NDF}: 15.8/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bpm0r05WS_rms vs Slug



Right In: 400.038 $\pm$ 0.223 χ^2 /NDF: 53637.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 348.688 $\pm$ 0.168 χ^2 /NDF: 213988.4/5

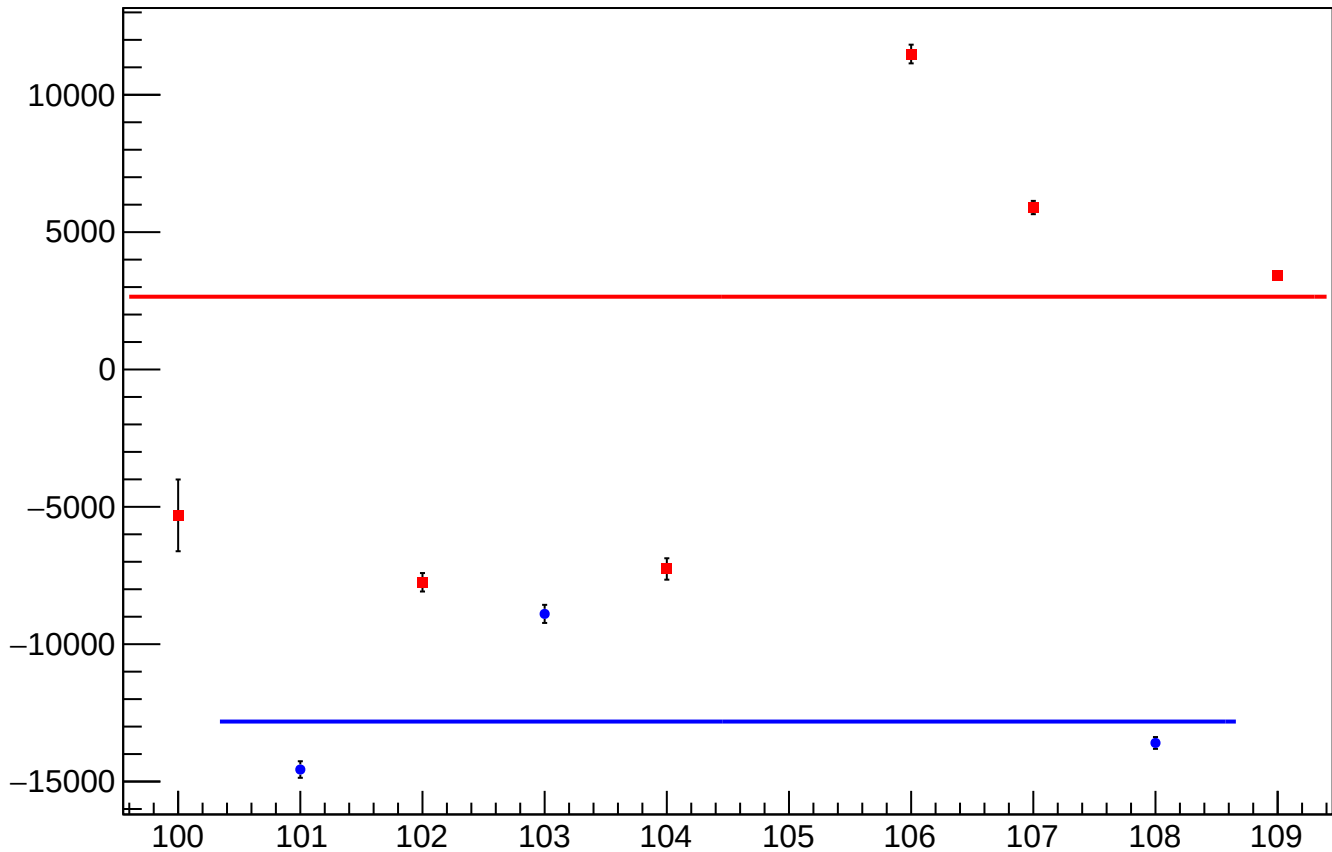
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 367.293 $\pm$ 0.134 χ^2 /NDF: 301438.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: -12816.630+/-154.517 χ^2/NDF : 188.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2649.618+/-111.235 χ^2/NDF : 2519.5/5

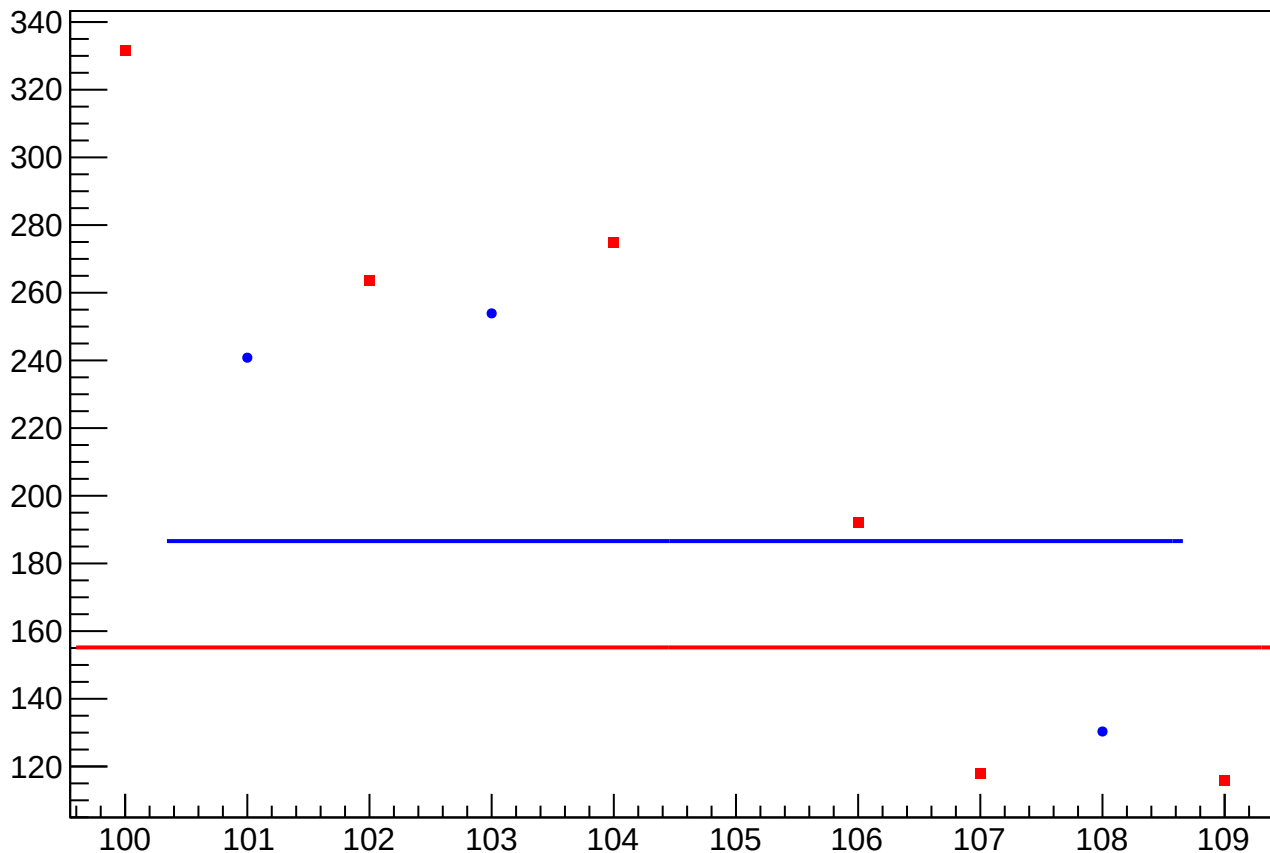
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2629.668+/-90.276 χ^2/NDF : 9306.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 186.607 $\pm$ 0.109 χ^2 /NDF: 285305.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.182 $\pm$ 0.079 χ^2 /NDF: 624555.0/5

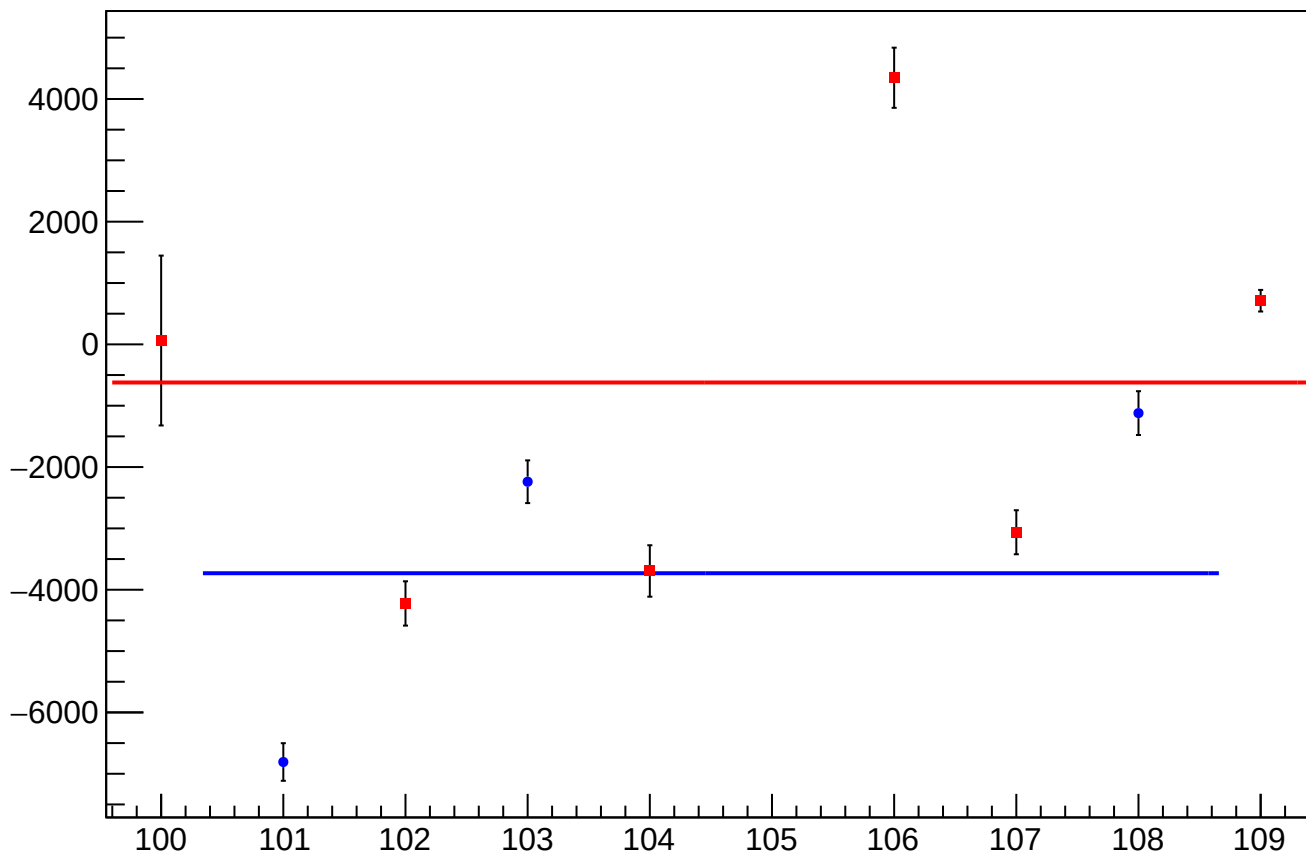
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 165.908 $\pm$ 0.064 χ^2 /NDF: 964346.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: -3730.898 ± 193.447 χ^2/NDF : 172.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -621.447 ± 131.211 χ^2/NDF : 359.7/5

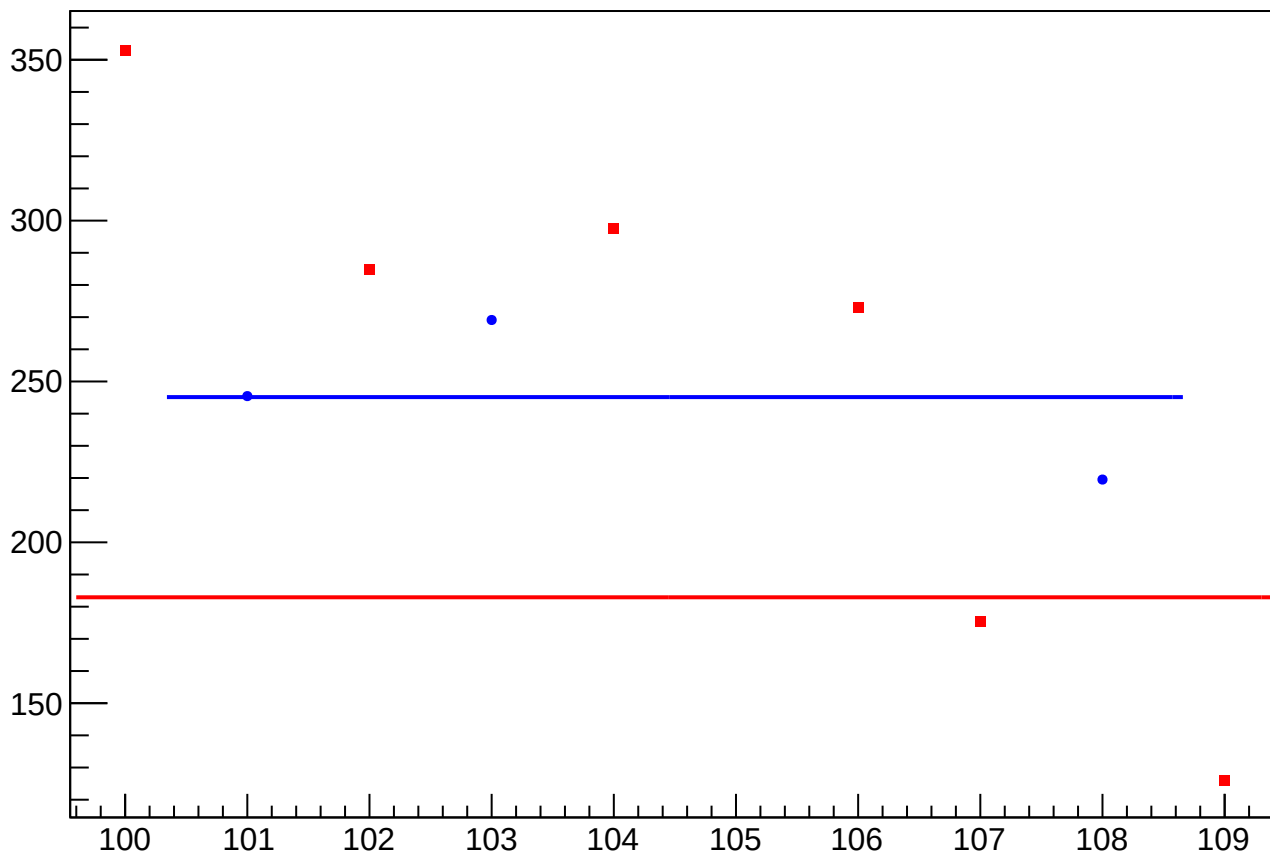
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1601.223 ± 108.588 χ^2/NDF : 709.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 245.147 $\pm$ 0.137 χ^2 /NDF: 19768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.916 $\pm$ 0.093 χ^2 /NDF: 615586.5/5

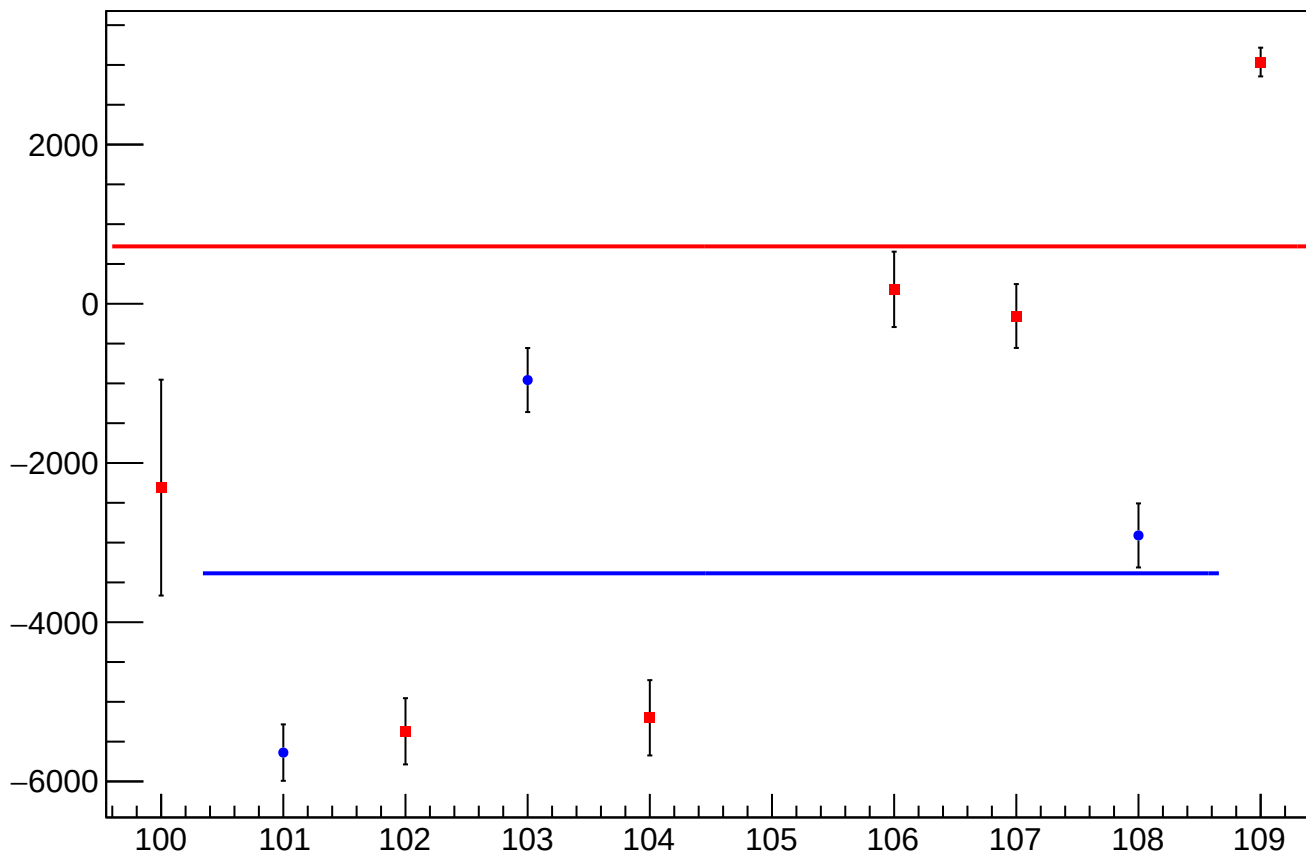
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 202.525 $\pm$ 0.077 χ^2 /NDF: 777112.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: -3385.613 ± 221.801 χ^2/NDF : 78.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 720.899 ± 138.408 χ^2/NDF : 547.0/5

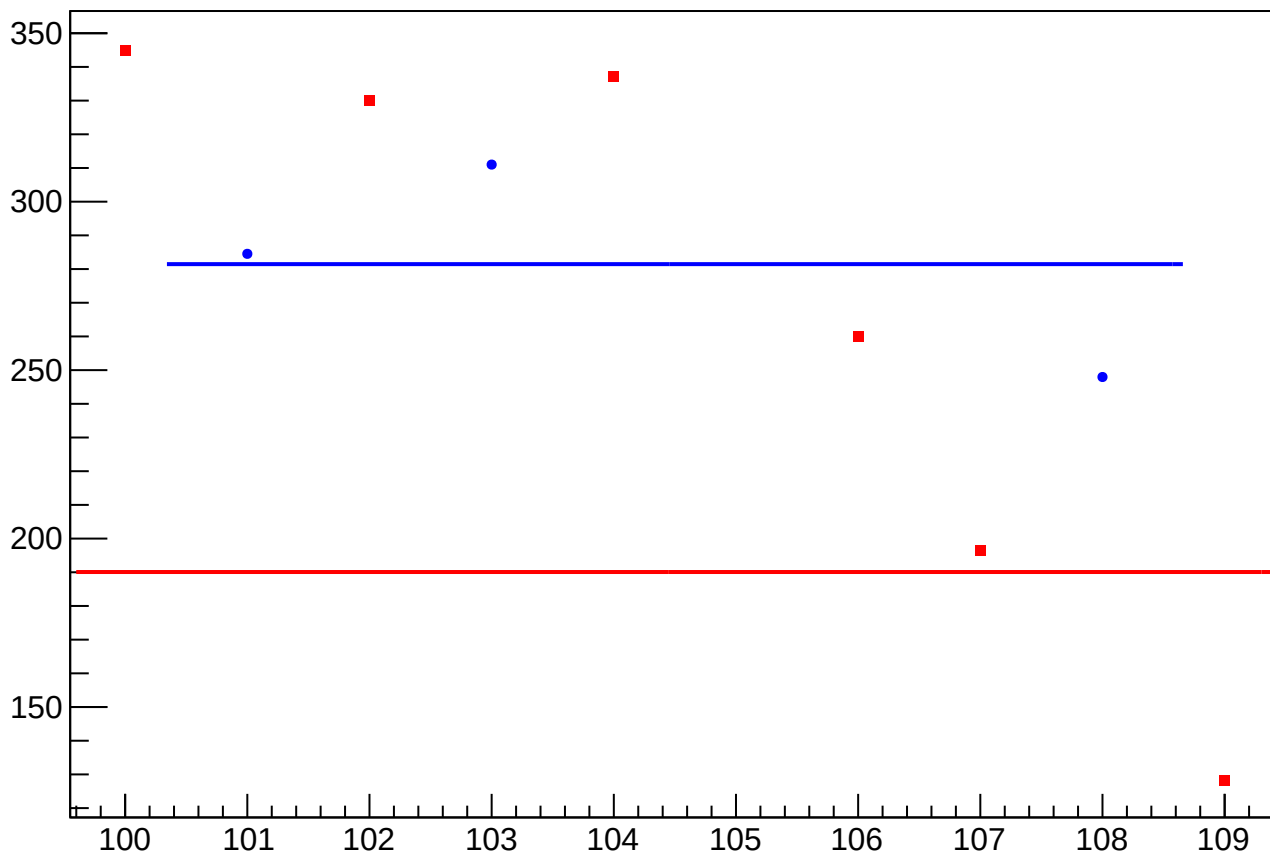
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -430.015 ± 117.422 χ^2/NDF : 871.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 281.462 $\pm$ 0.157 χ^2 /NDF: 24811.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.076 $\pm$ 0.098 χ^2 /NDF: 724646.2/5

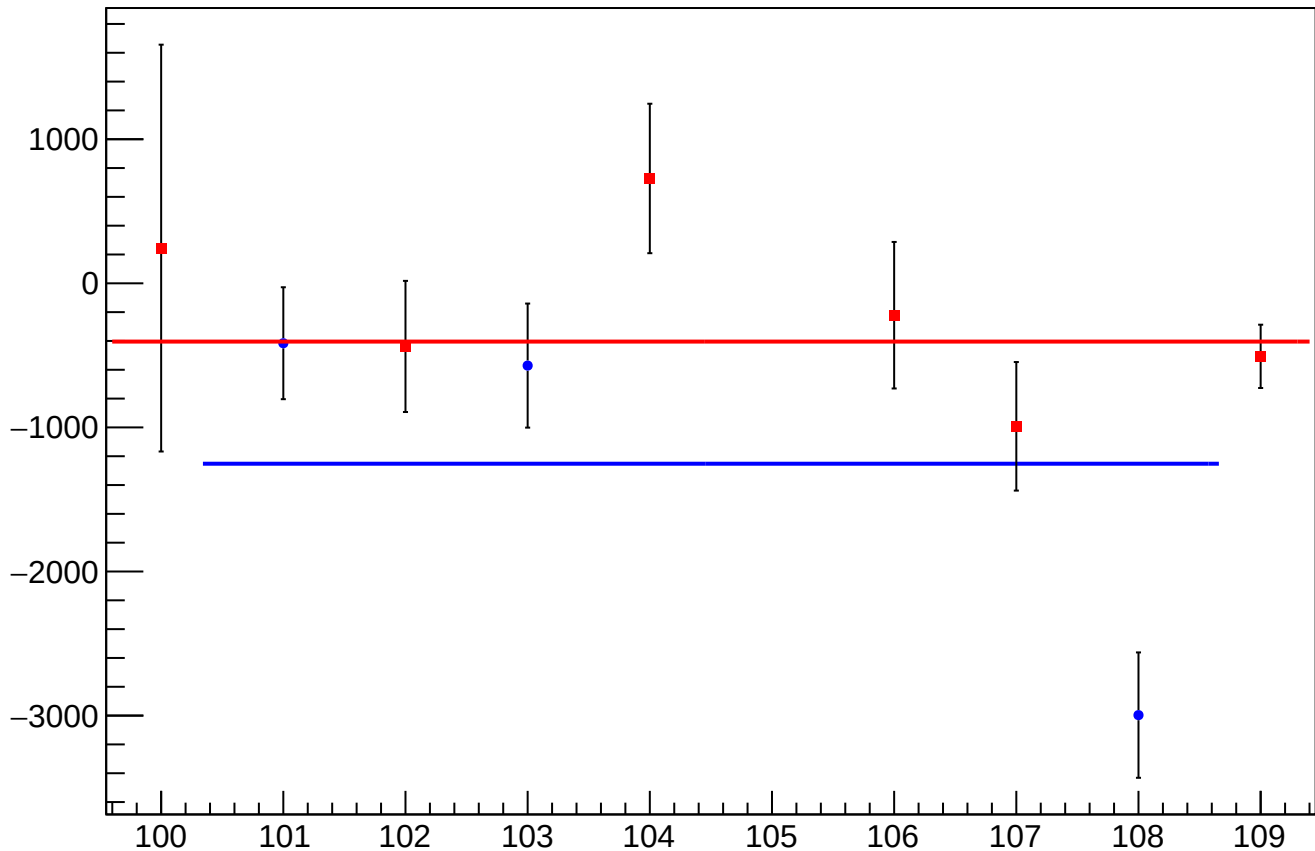
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 215.688 $\pm$ 0.083 χ^2 /NDF: 993821.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -1252.016 ± 240.362 χ^2/NDF : 23.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -404.337 ± 160.808 χ^2/NDF : 7.1/5

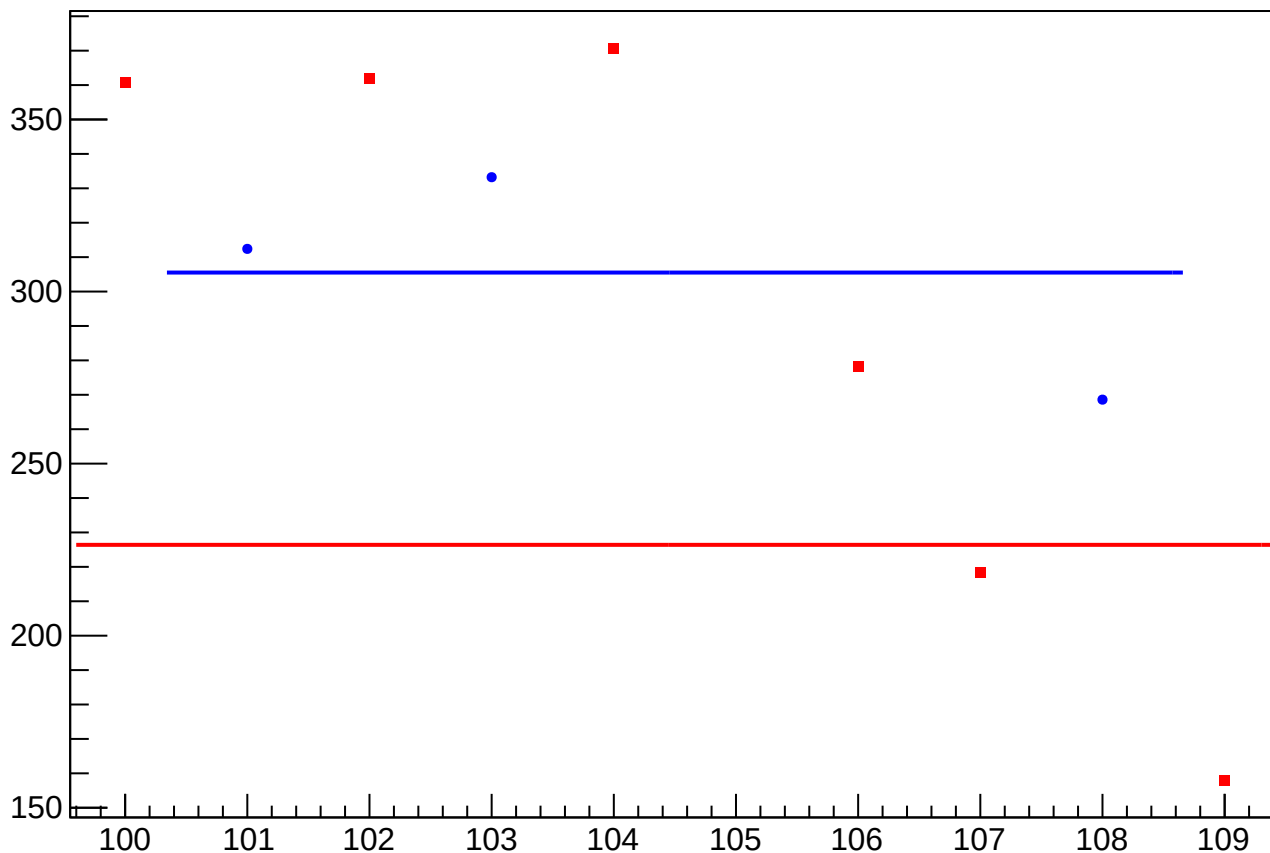
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -666.438 ± 133.655 χ^2/NDF : 38.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 305.522+/-0.170 χ^2/NDF : 23326.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.396+/-0.114 χ^2/NDF : 565476.7/5

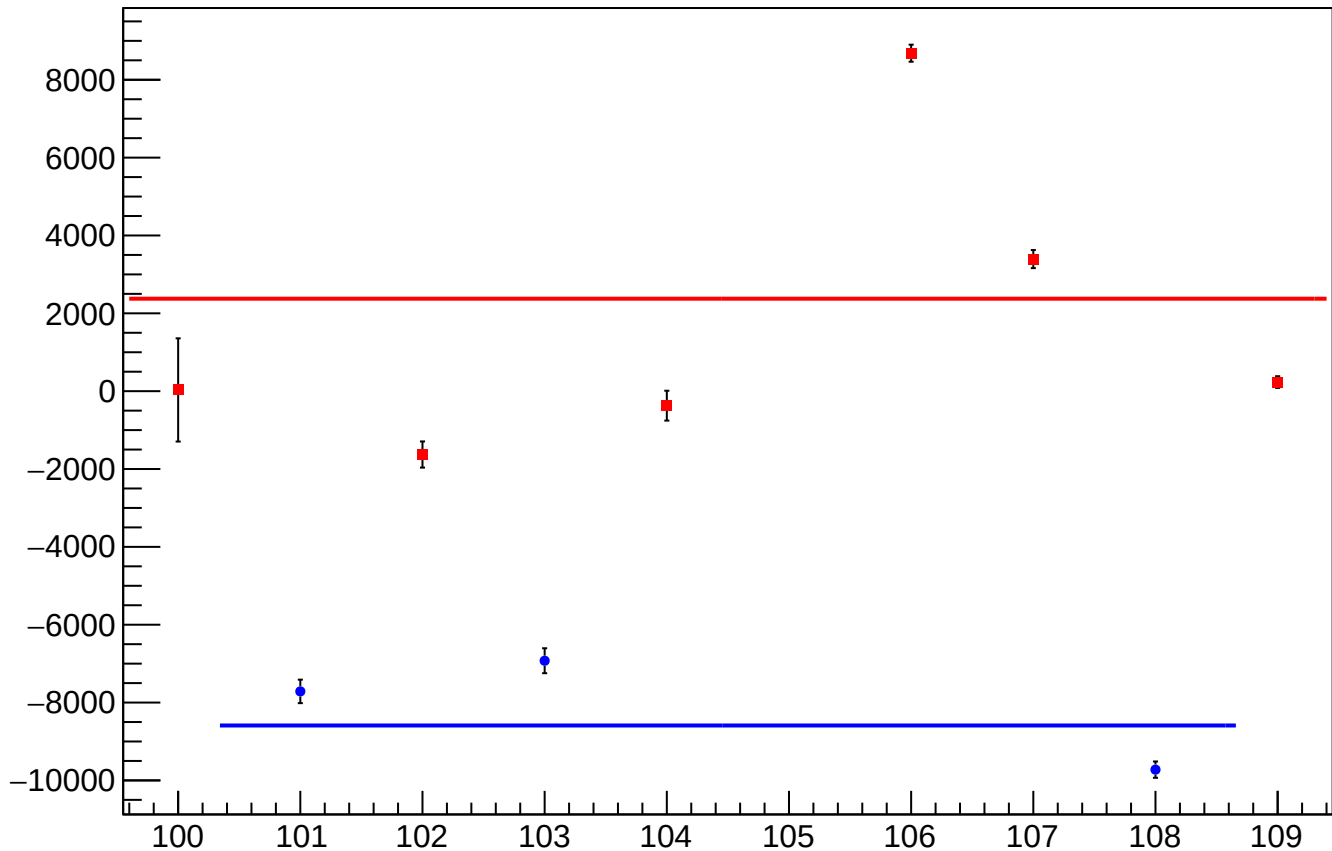
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.861+/-0.095 χ^2/NDF : 738525.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -8588.949+/-151.675 χ^2/NDF : 64.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2375.825+/-99.997 χ^2/NDF : 1249.5/5

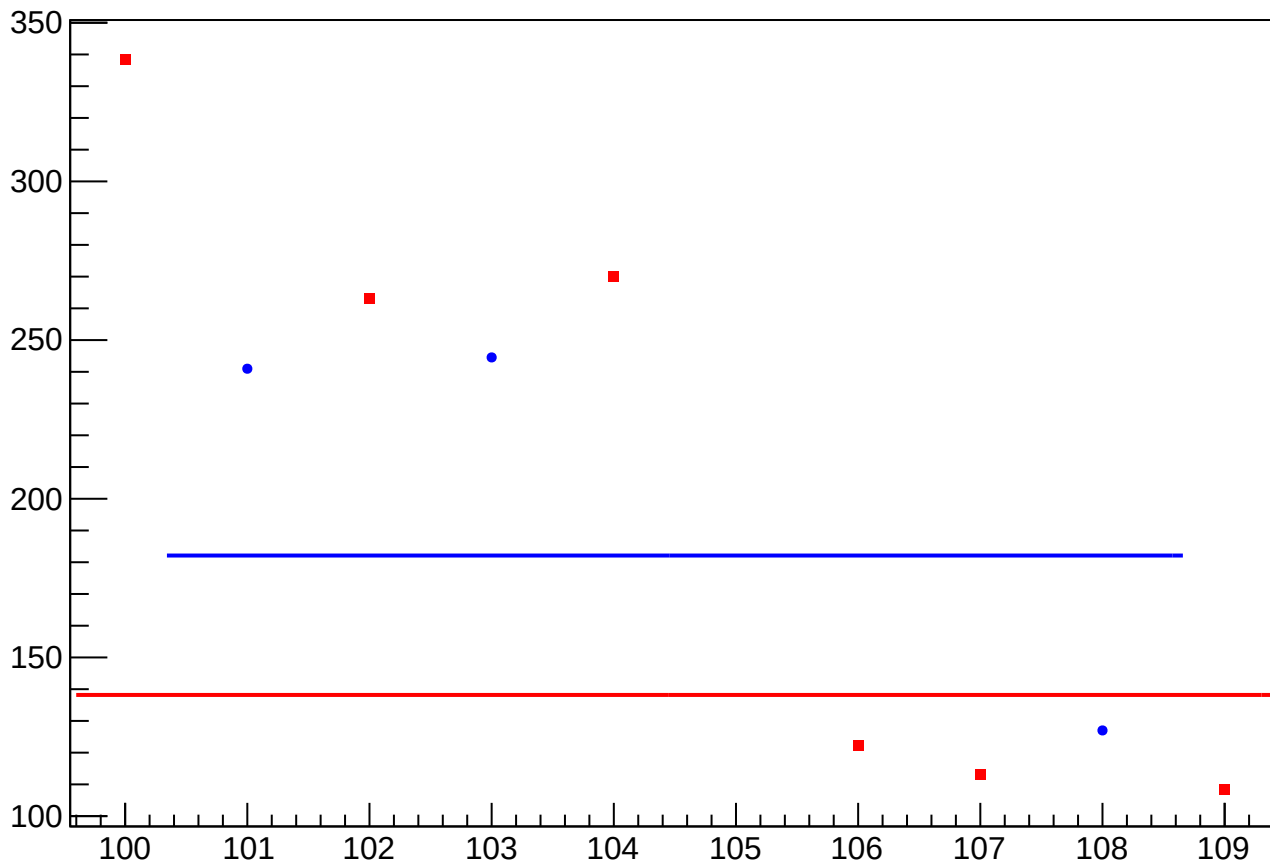
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -946.132+/-83.486 χ^2/NDF : 4956.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 182.114 $\pm$ 0.107 χ^2 /NDF: 290189.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 138.184 $\pm$ 0.071 χ^2 /NDF: 670593.9/5

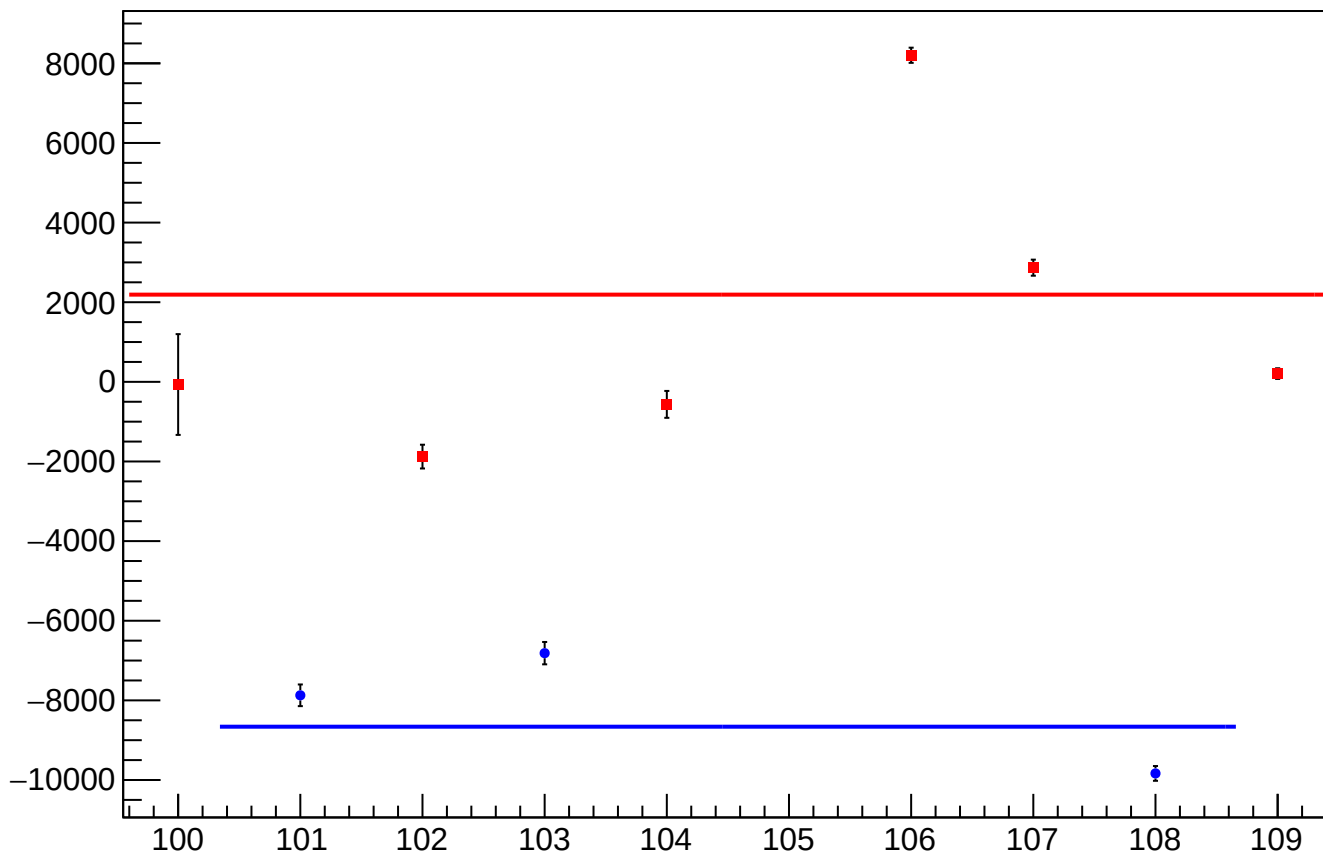
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.494 $\pm$ 0.059 χ^2 /NDF: 1077722.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: -8661.236±/-134.563 χ^2/NDF : 91.7/2

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 2190.415±/-88.154 χ^2/NDF : 1482.2/5

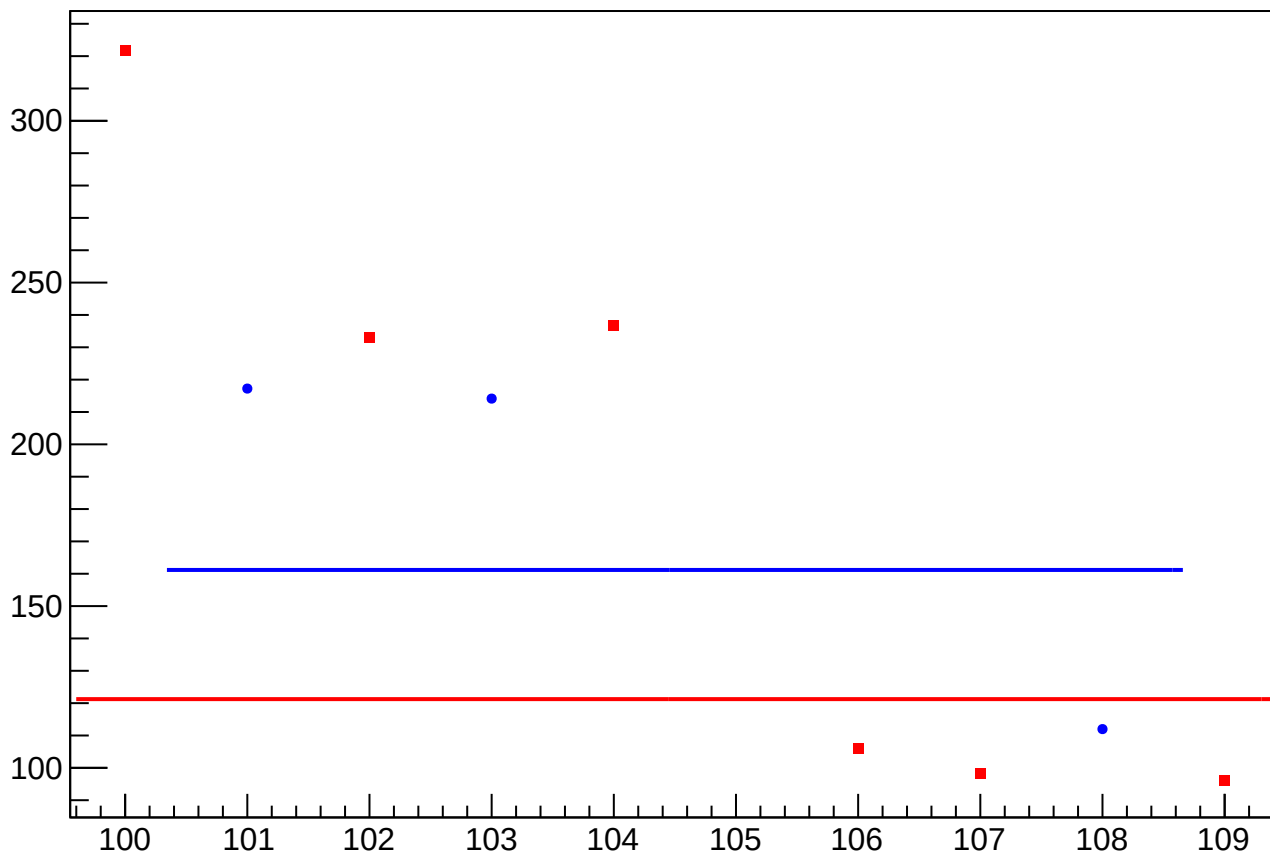
Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -1068.259±/-73.739 χ^2/NDF : 6124.3/8

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_rms vs Slug



Right In: 161.173+/-0.095 χ^2/NDF : 296602.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.245+/-0.062 χ^2/NDF : 674157.9/5

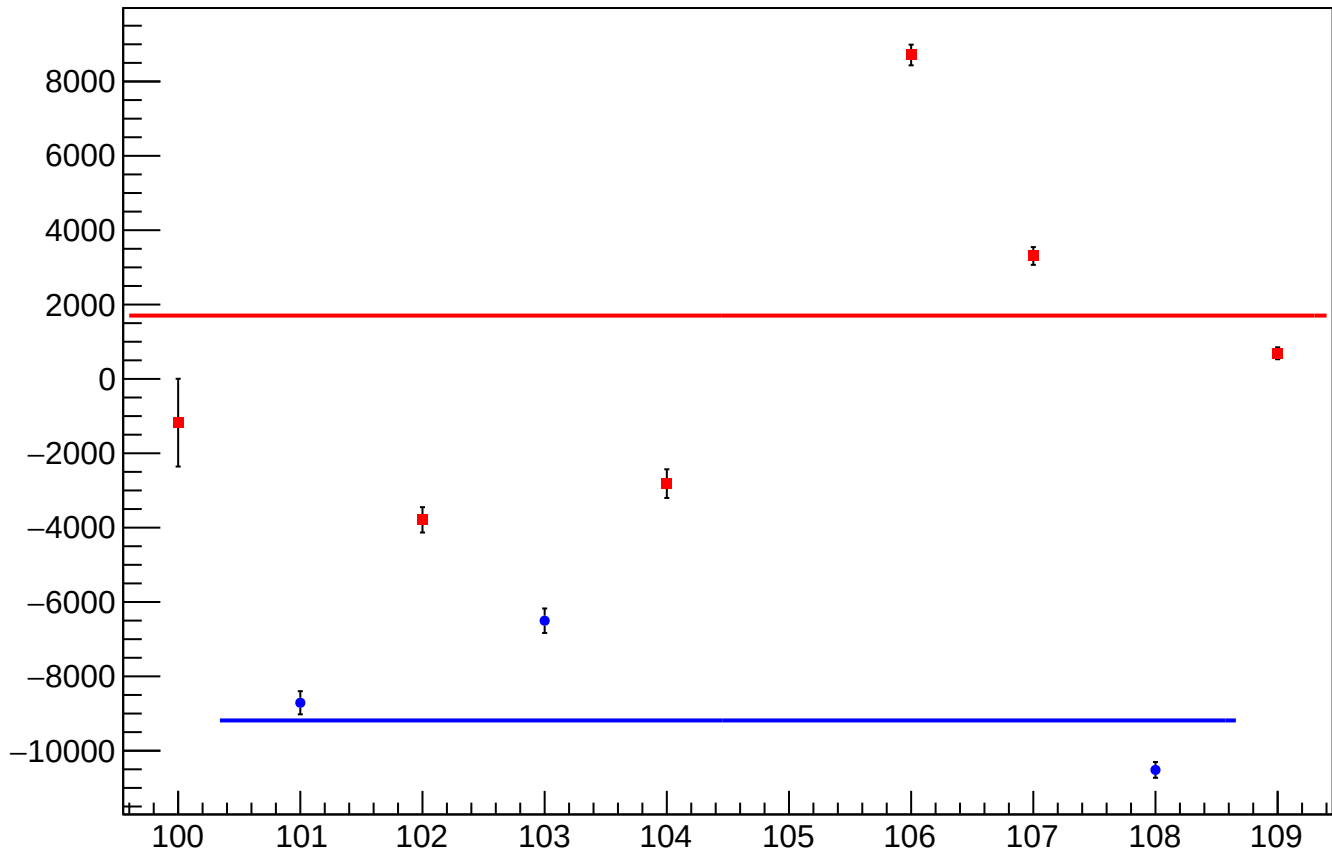
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.235+/-0.052 χ^2/NDF : 1093974.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_mean vs Slug



Right In: -9185.676+/-154.624 χ^2/NDF : 108.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1703.595+/-108.219 χ^2/NDF : 1125.5/5

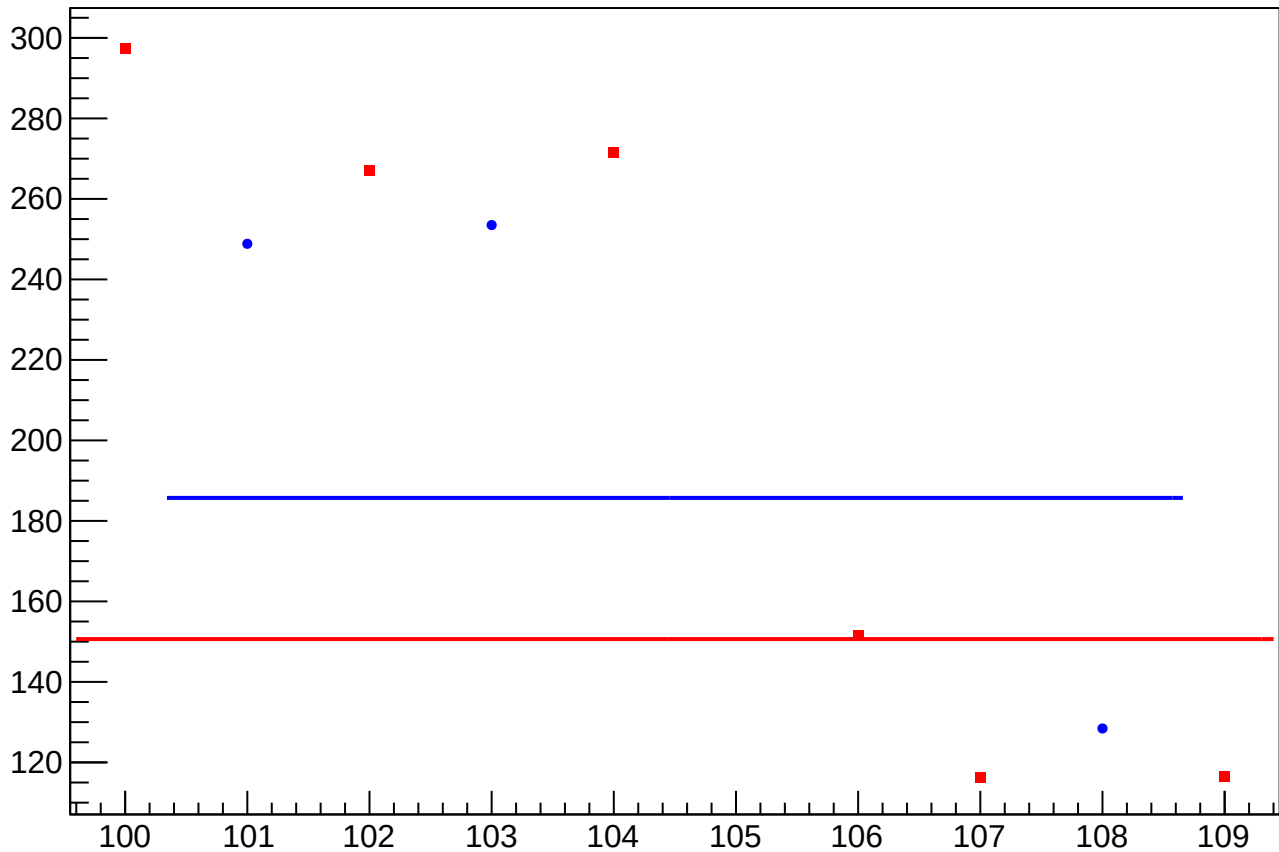
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1876.616+/-88.661 χ^2/NDF : 4562.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug



Right In: 185.718 $\pm$ 0.109 χ^2 /NDF: 313294.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 150.643 $\pm$ 0.077 χ^2 /NDF: 593408.0/5

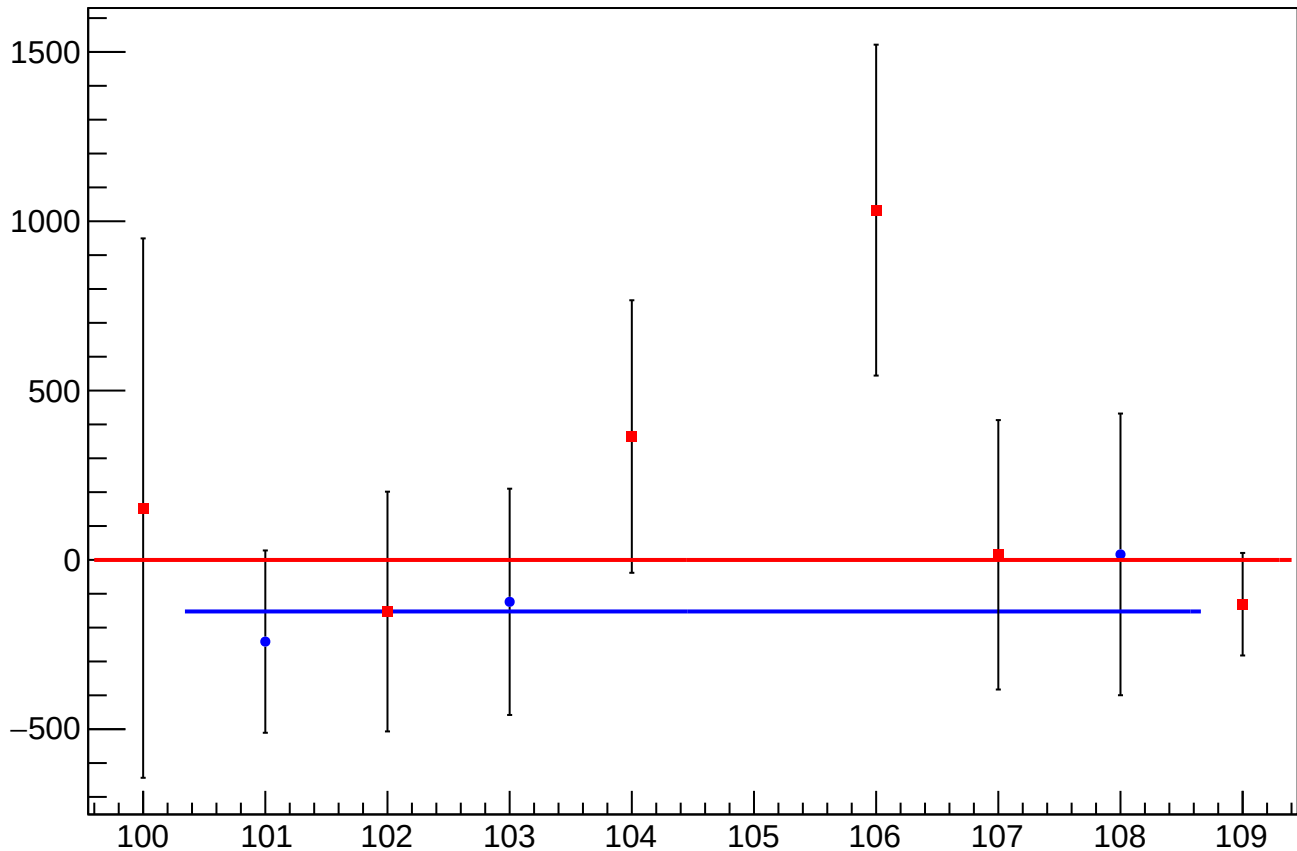
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.175 $\pm$ 0.063 χ^2 /NDF: 975776.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -152.312 $\pm$ 187.197 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.220 $\pm$ 119.651 χ^2 /NDF: 6.3/5

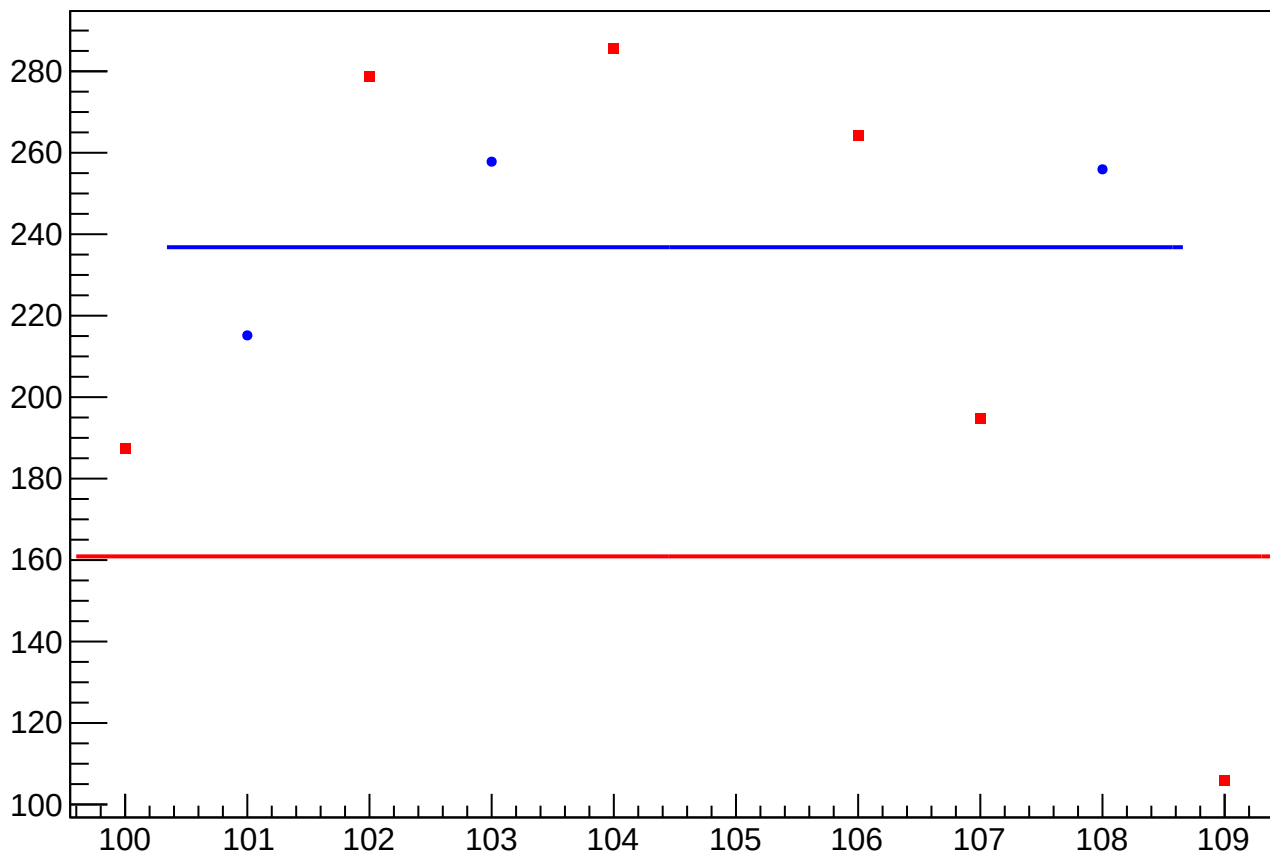
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -44.334 $\pm$ 100.817 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 236.811+/-0.132 χ^2/NDF : 25063.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 160.908+/-0.085 χ^2/NDF : 783498.9/5

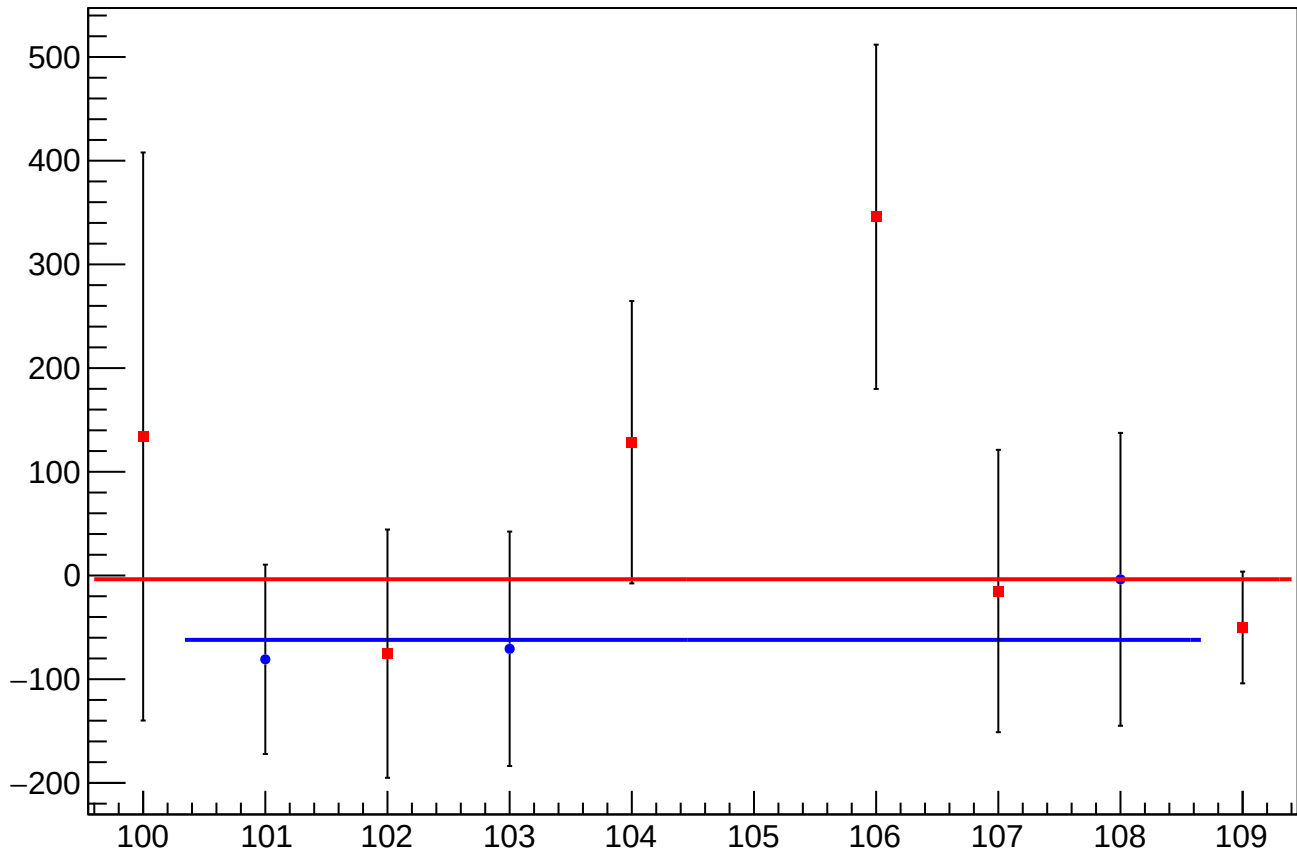
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.923+/-0.071 χ^2/NDF : 1042001.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_dd_mean vs Slug



Right In: -62.071 $\pm$ 63.443 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.598 $\pm$ 41.820 χ^2 /NDF: 6.7/5

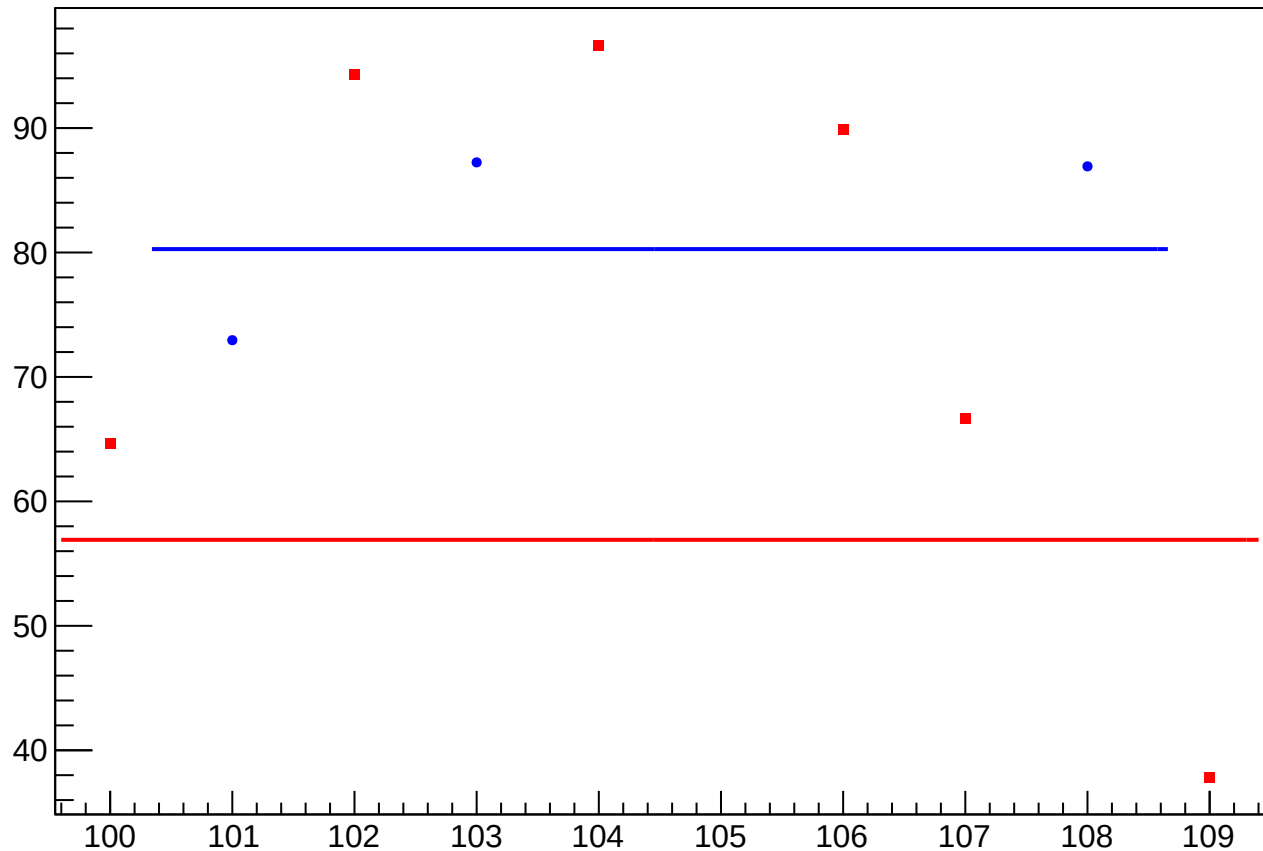
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.309 $\pm$ 34.917 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 80.273 $\pm$ 0.045 χ^2 /NDF: 24900.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.914 $\pm$ 0.030 χ^2 /NDF: 706661.5/5

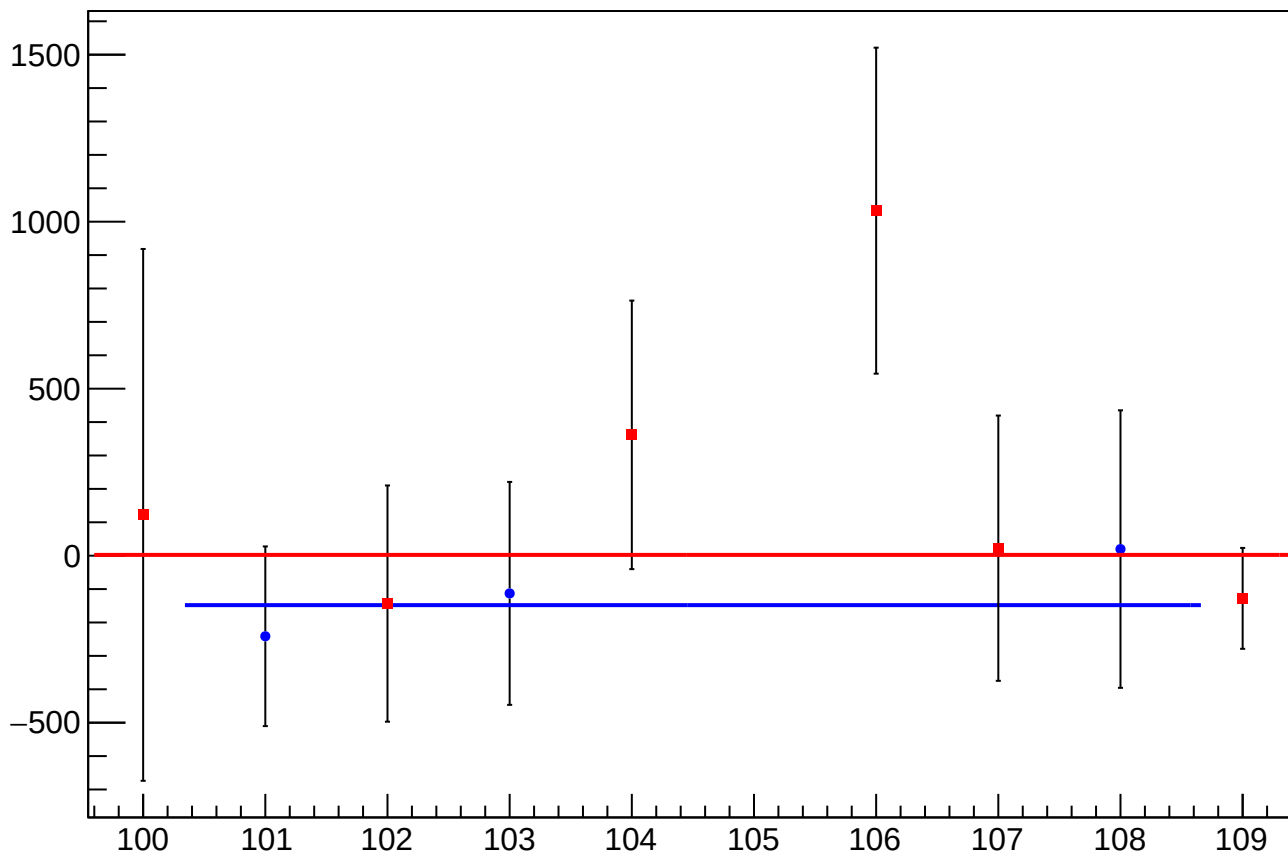
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.989 $\pm$ 0.025 χ^2 /NDF: 920571.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -148.068+/-187.003 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.353+/-119.420 χ^2/NDF : 6.2/5

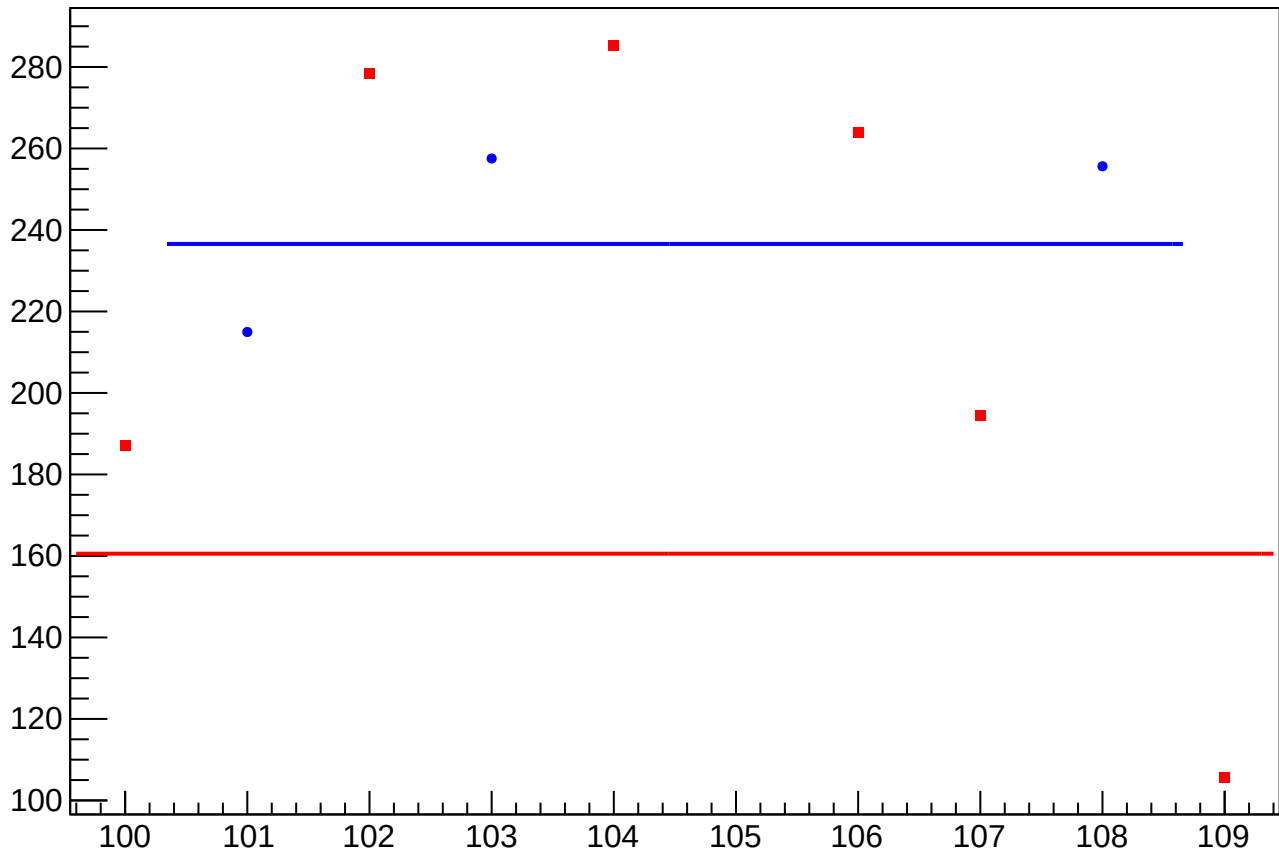
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.221+/-100.648 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 236.568 $\pm$ 0.132 χ^2 /NDF: 25012.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 160.550 $\pm$ 0.084 χ^2 /NDF: 785427.4/5

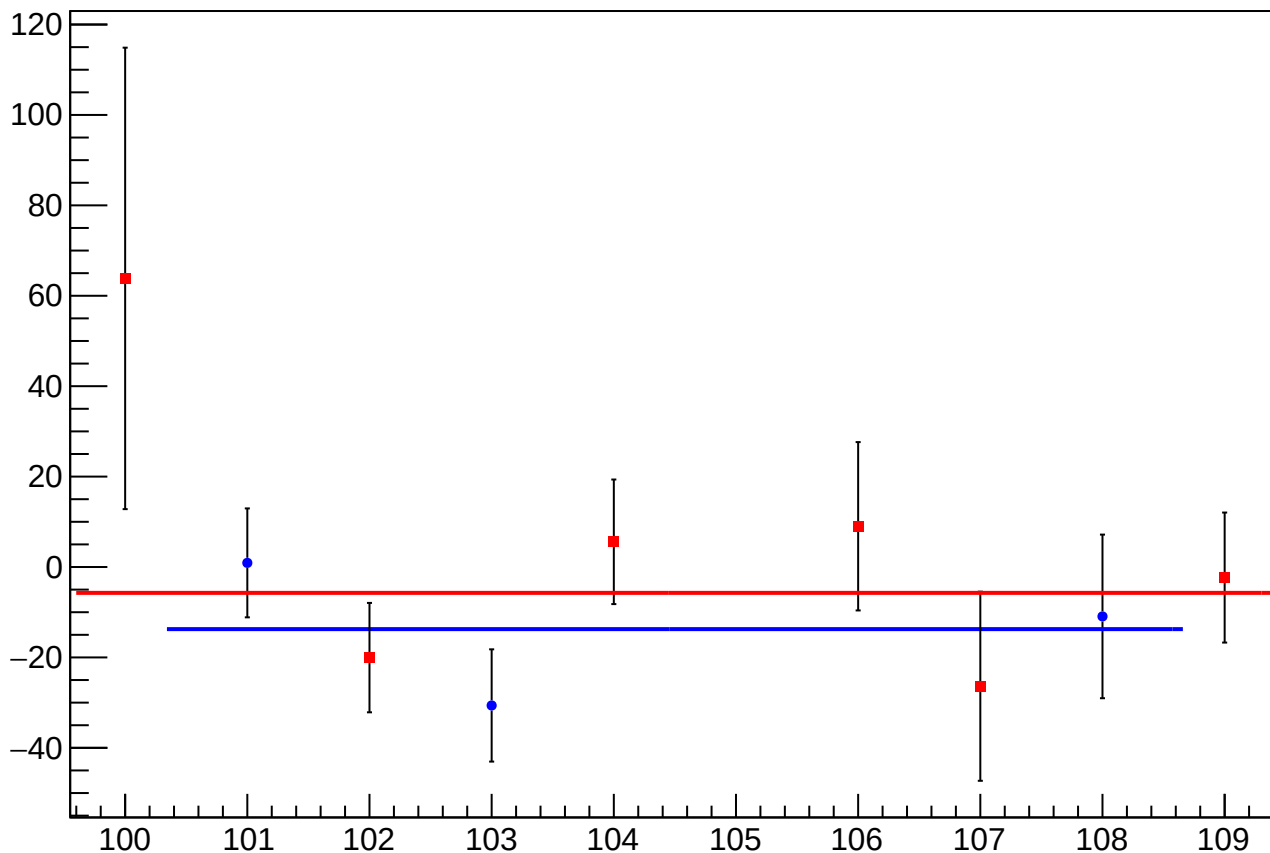
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.571 $\pm$ 0.071 χ^2 /NDF: 1045200.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -13.741 ± 7.802 $\chi^2/\text{NDF}: 3.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.718 ± 6.669 $\chi^2/\text{NDF}: 5.6/5$

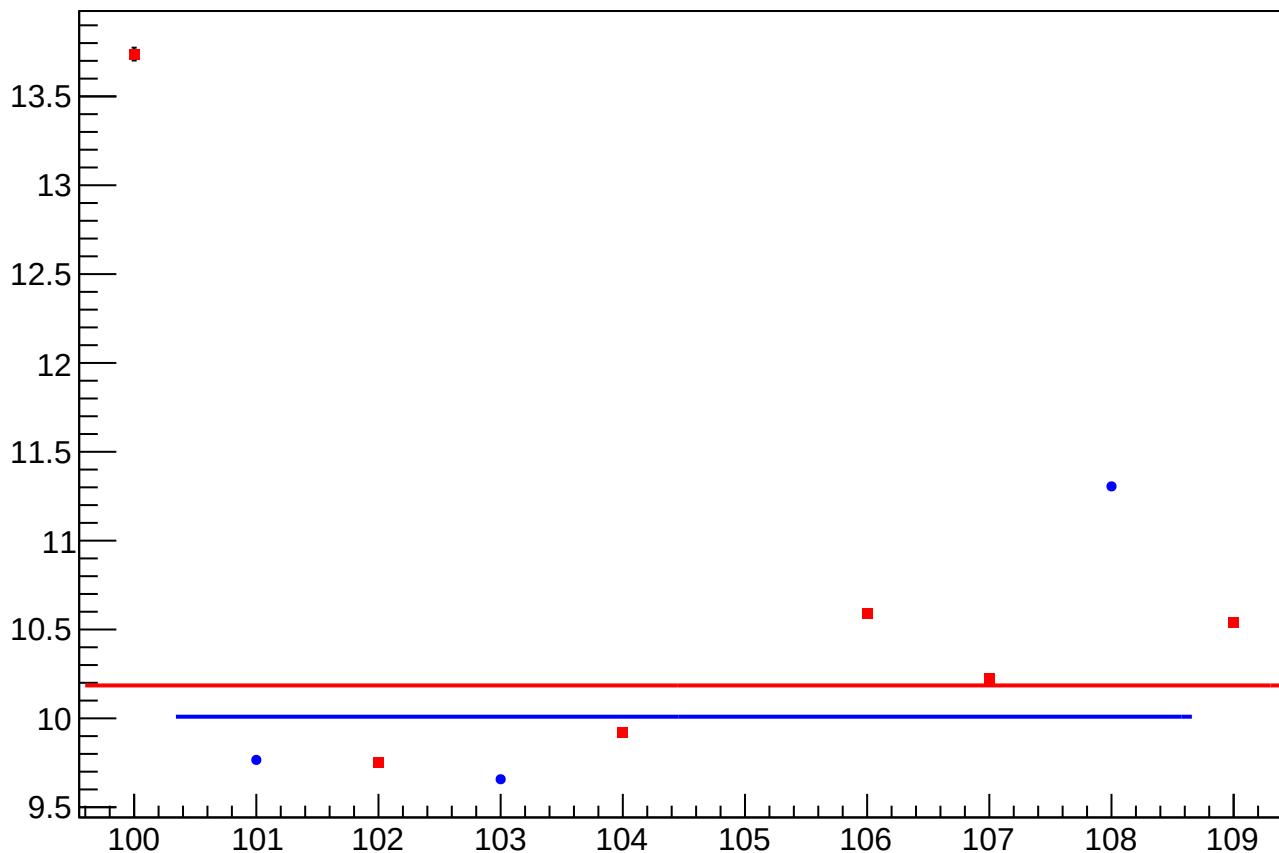
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.105 ± 5.069 $\chi^2/\text{NDF}: 9.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 10.009 $\pm$ 0.006 χ^2 /NDF: 12678.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.185 $\pm$ 0.005 χ^2 /NDF: 15166.4/5

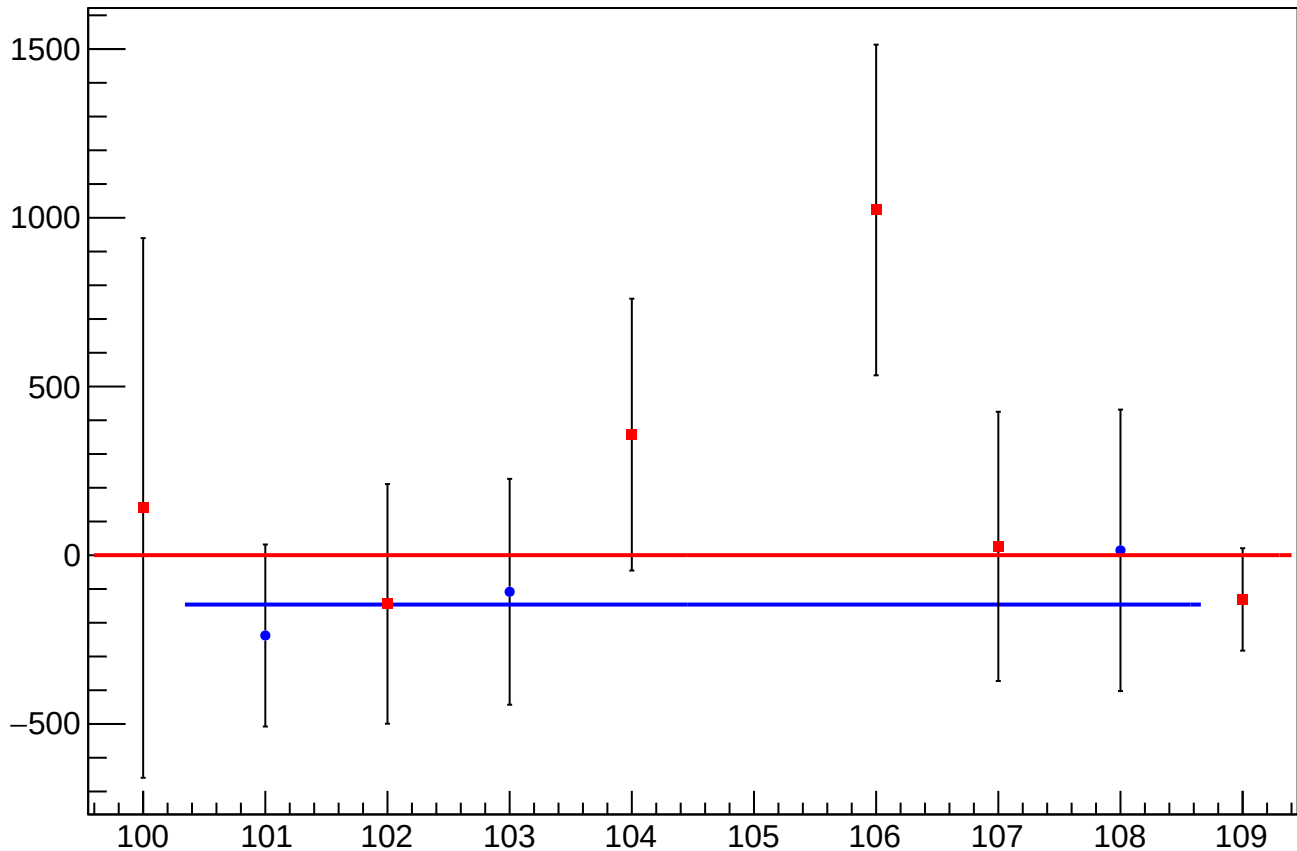
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.111 $\pm$ 0.004 χ^2 /NDF: 28432.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -146.051+/-187.552 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.273+/-119.907 χ^2/NDF : 6.1/5

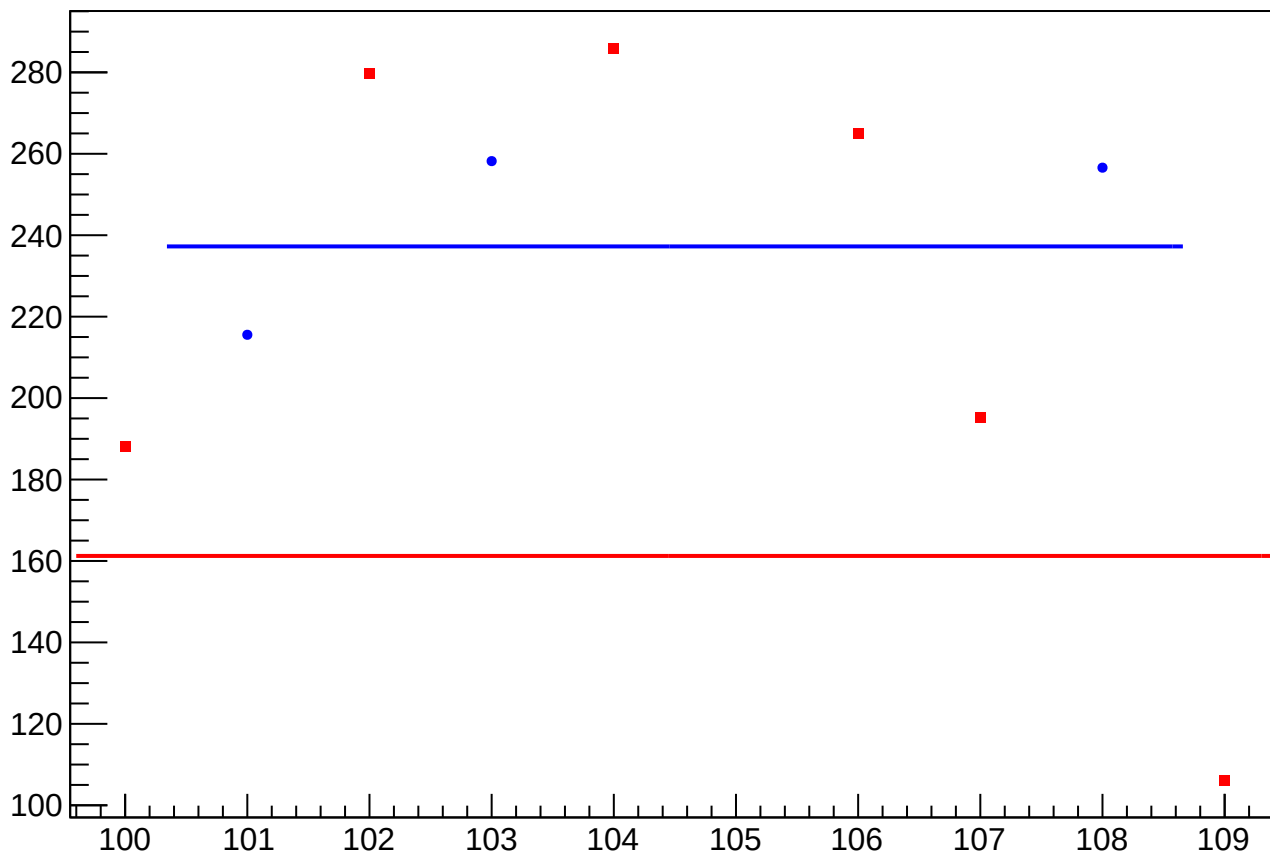
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.182+/-101.025 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 237.251+/-0.133 χ^2/NDF : 25086.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.237+/-0.085 χ^2/NDF : 783891.2/5

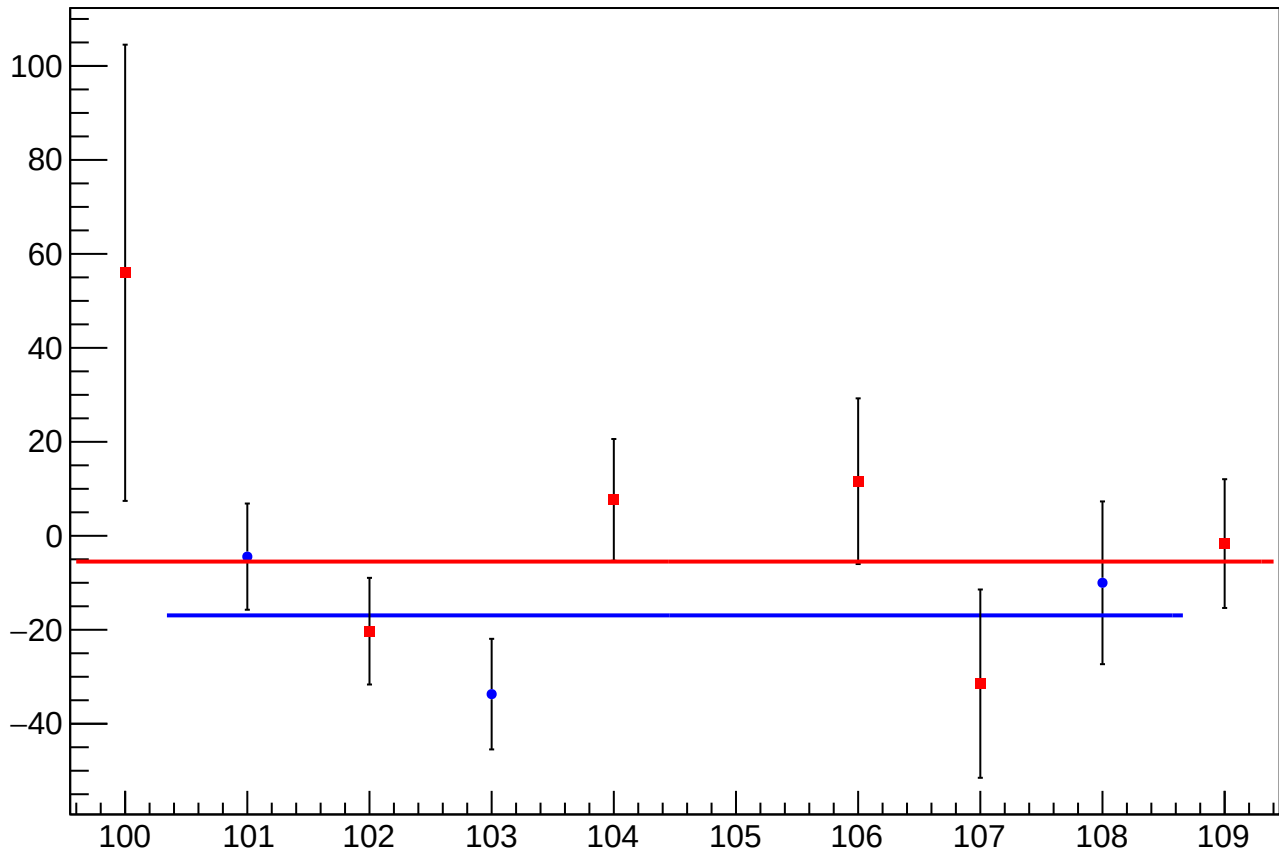
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.292+/-0.071 χ^2/NDF : 1042185.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -16.936 $\pm$ 7.376 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.482 $\pm$ 6.302 χ^2 /NDF: 7.0/5

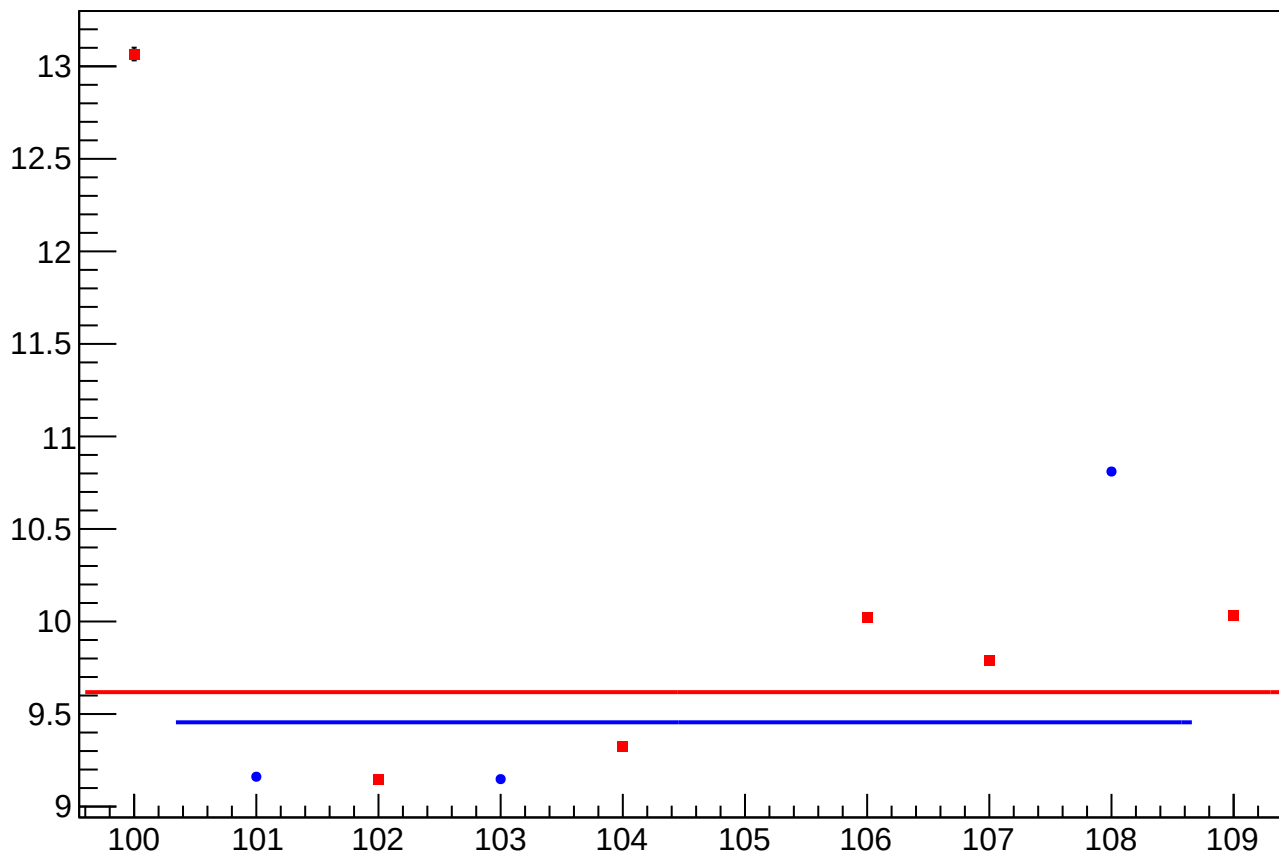
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.316 $\pm$ 4.791 χ^2 /NDF: 11.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 9.455 $\pm$ 0.005 χ^2 /NDF: 14957.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.618 $\pm$ 0.004 χ^2 /NDF: 17561.6/5

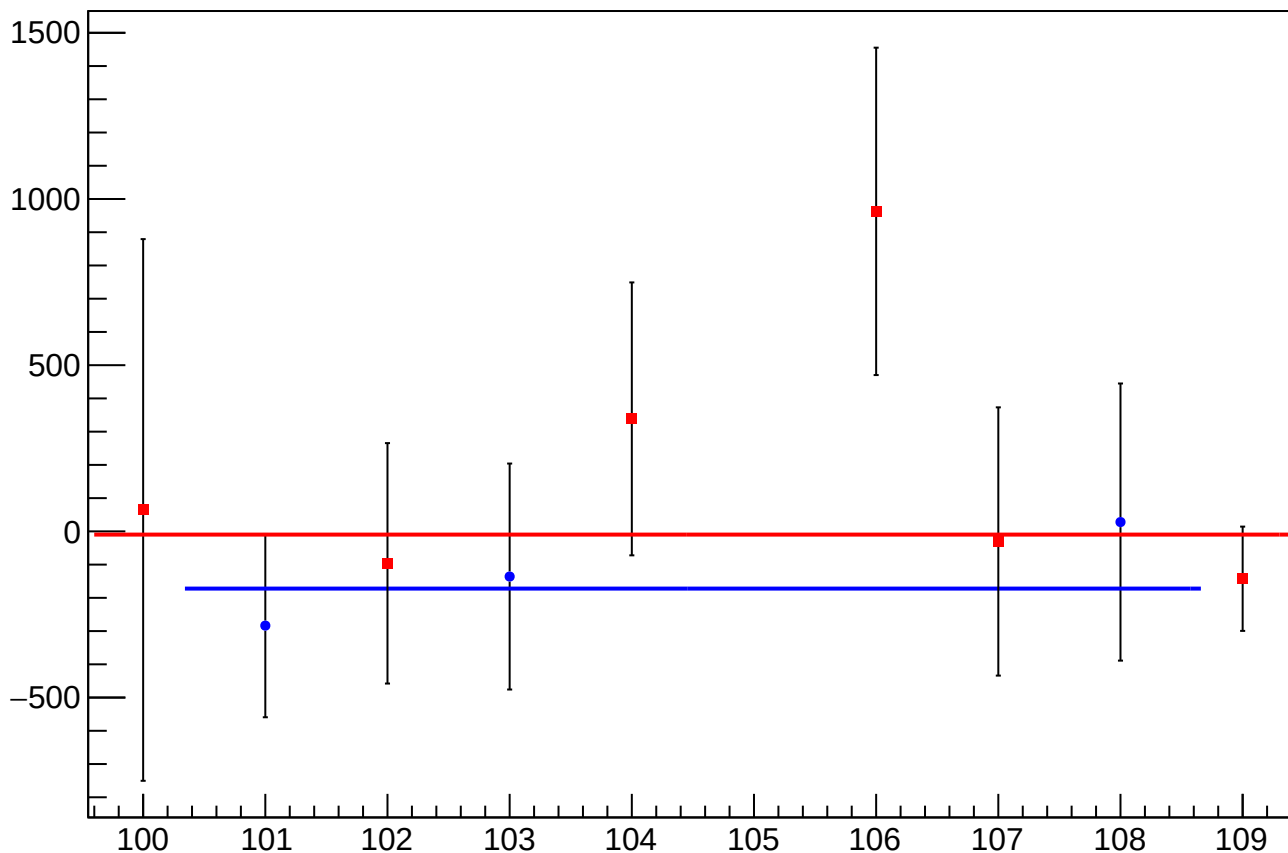
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.549 $\pm$ 0.003 χ^2 /NDF: 33083.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -172.149 ± 190.478 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.703 ± 123.105 χ^2/NDF : 5.4/5

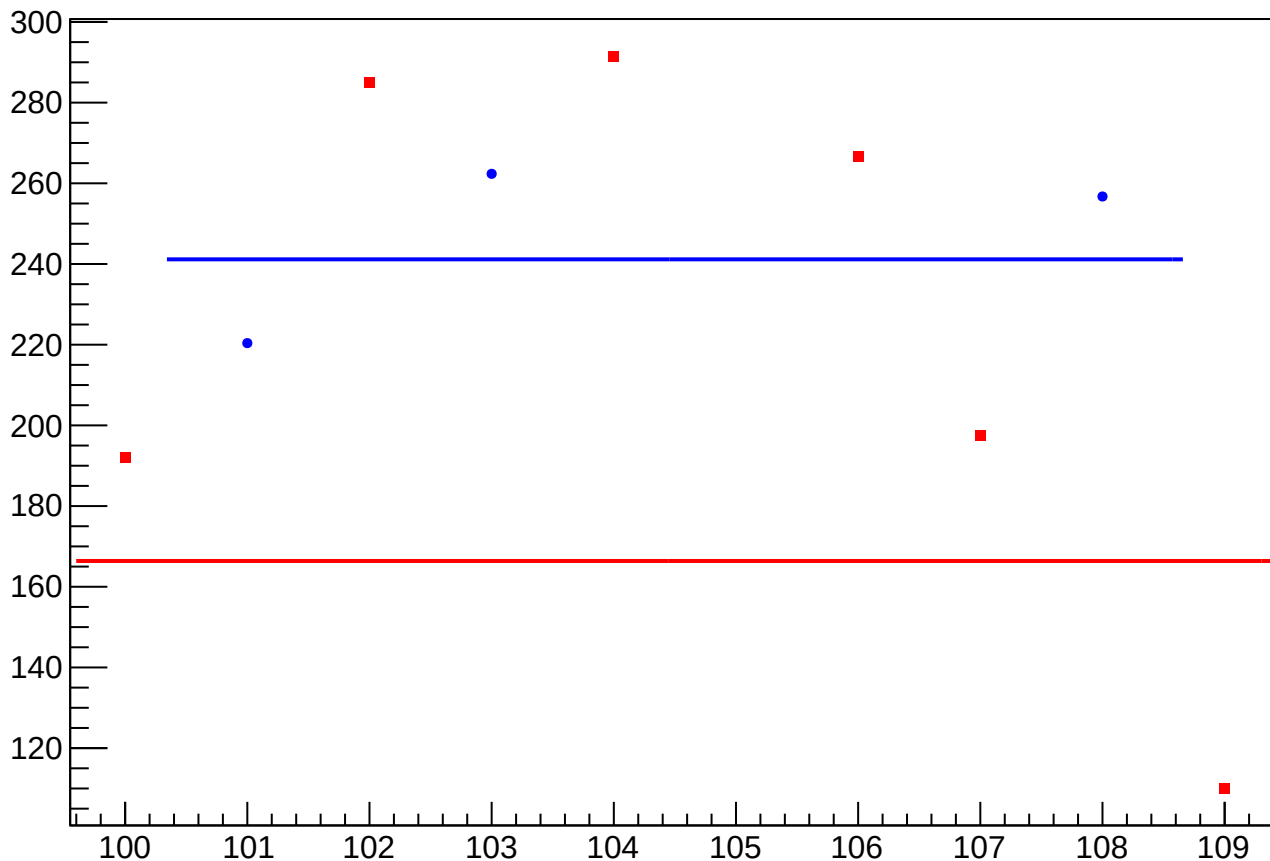
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.565 ± 103.391 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 241.154 $\pm$ 0.135 χ^2 /NDF: 21908.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.392 $\pm$ 0.087 χ^2 /NDF: 754930.1/5

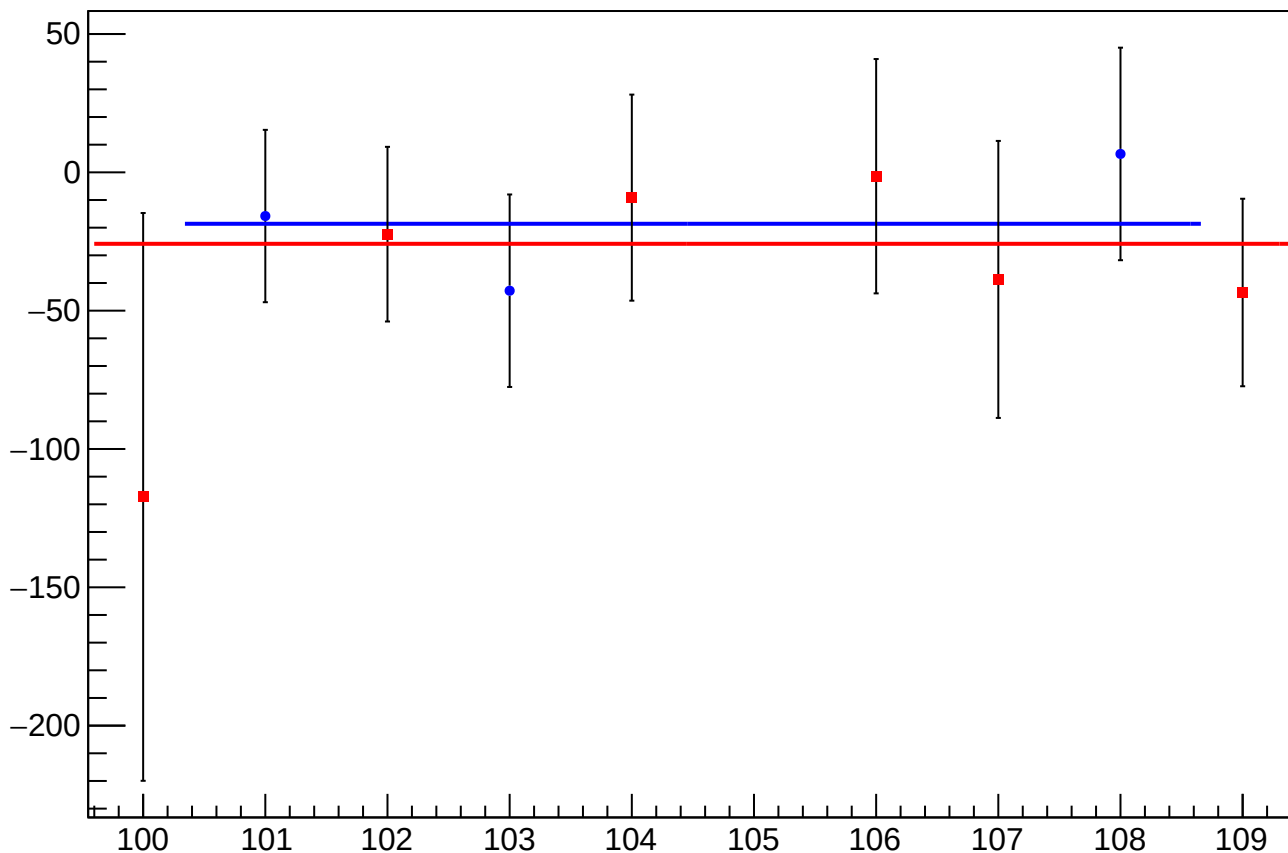
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 188.419 $\pm$ 0.073 χ^2 /NDF: 994171.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: -18.593 ± 19.864 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.833 ± 16.561 χ^2/NDF : 1.7/5

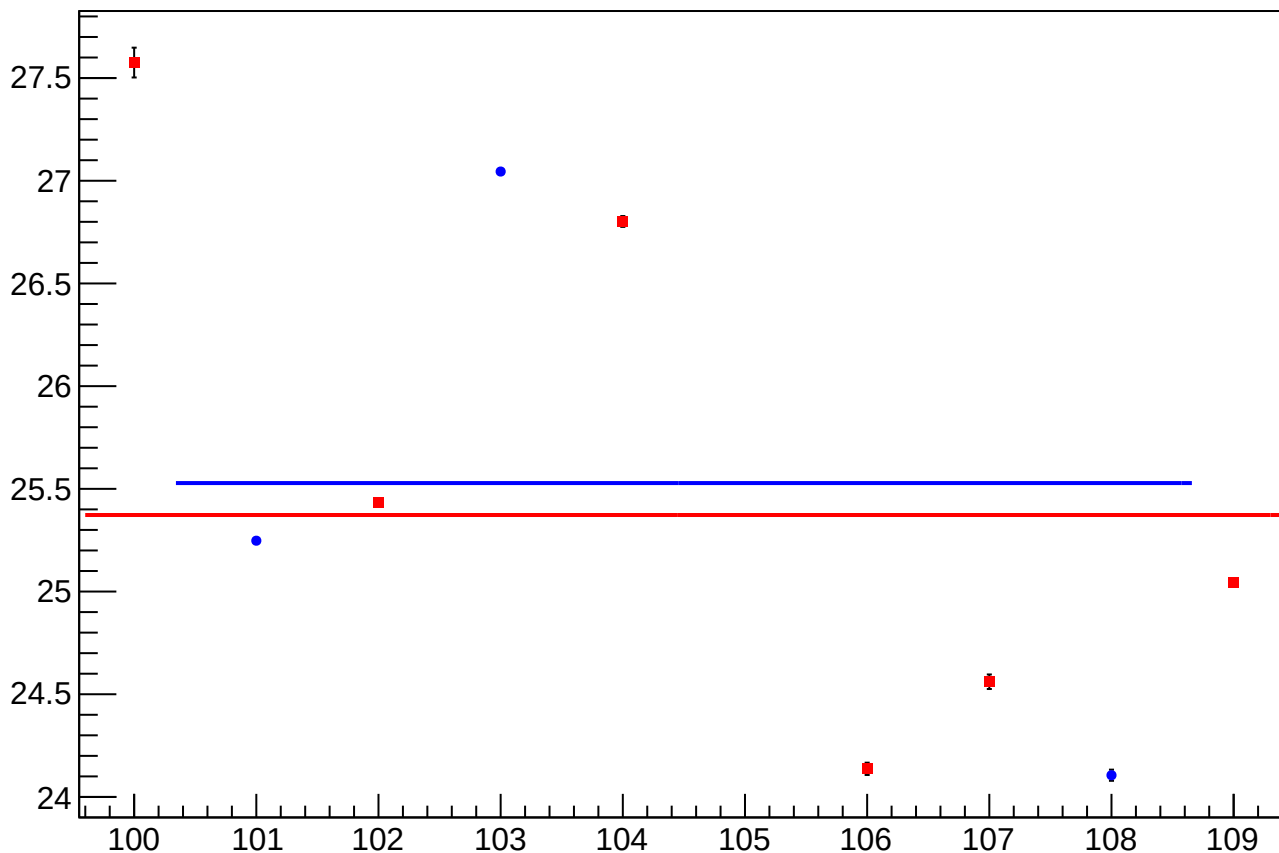
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.864 ± 12.720 χ^2/NDF : 2.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 25.528+/-0.014 χ^2/NDF : 6705.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.373+/-0.012 χ^2/NDF : 6290.9/5

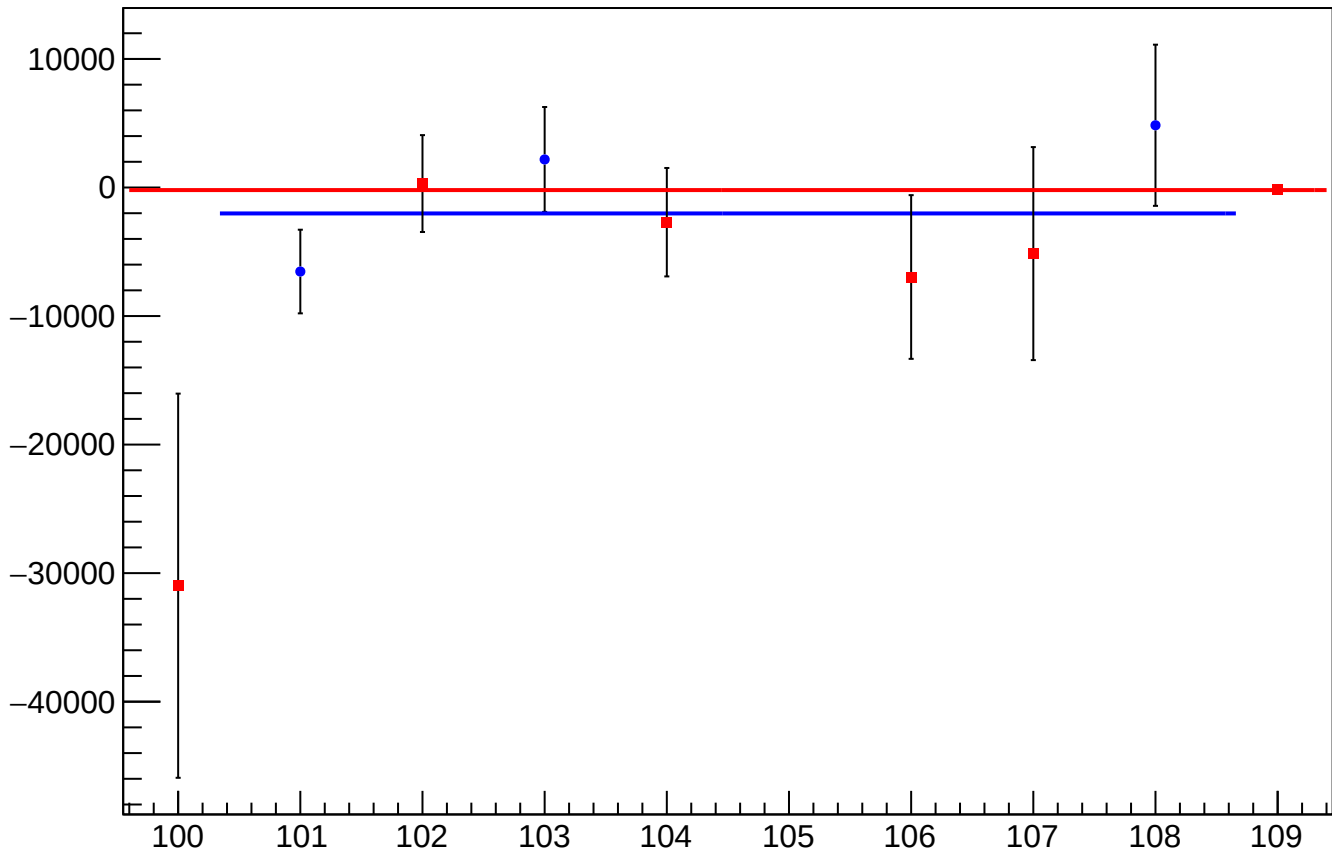
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.436+/-0.009 χ^2/NDF : 13068.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



Right In: -2017.748 $\pm$ 2357.050 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -200.580 $\pm$ 208.363 χ^2 /NDF: 6.1/5

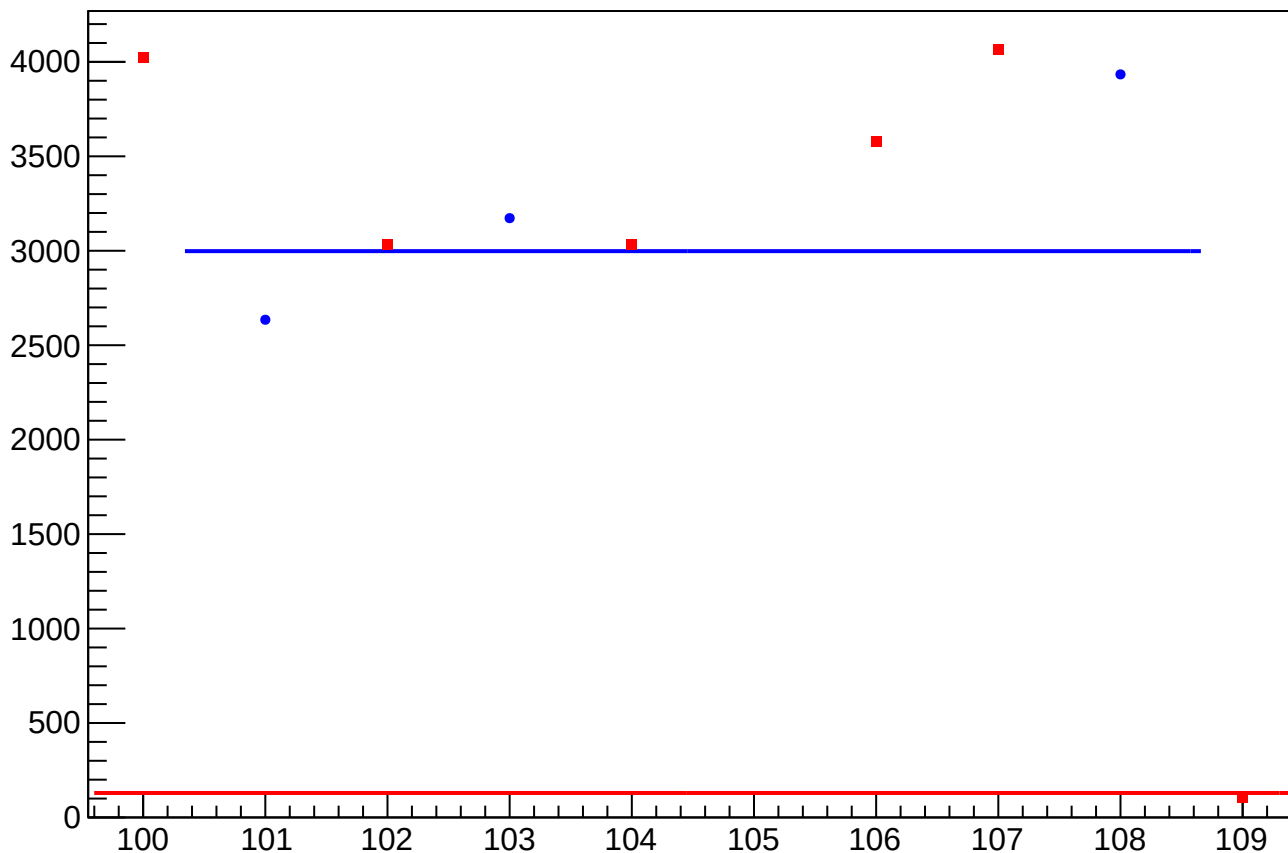
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -214.670 $\pm$ 207.554 χ^2 /NDF: 10.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 2998.025 $\pm$ 1.667 χ^2 /NDF: 73135.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.576 $\pm$ 0.147 χ^2 /NDF: 3334925.9/5

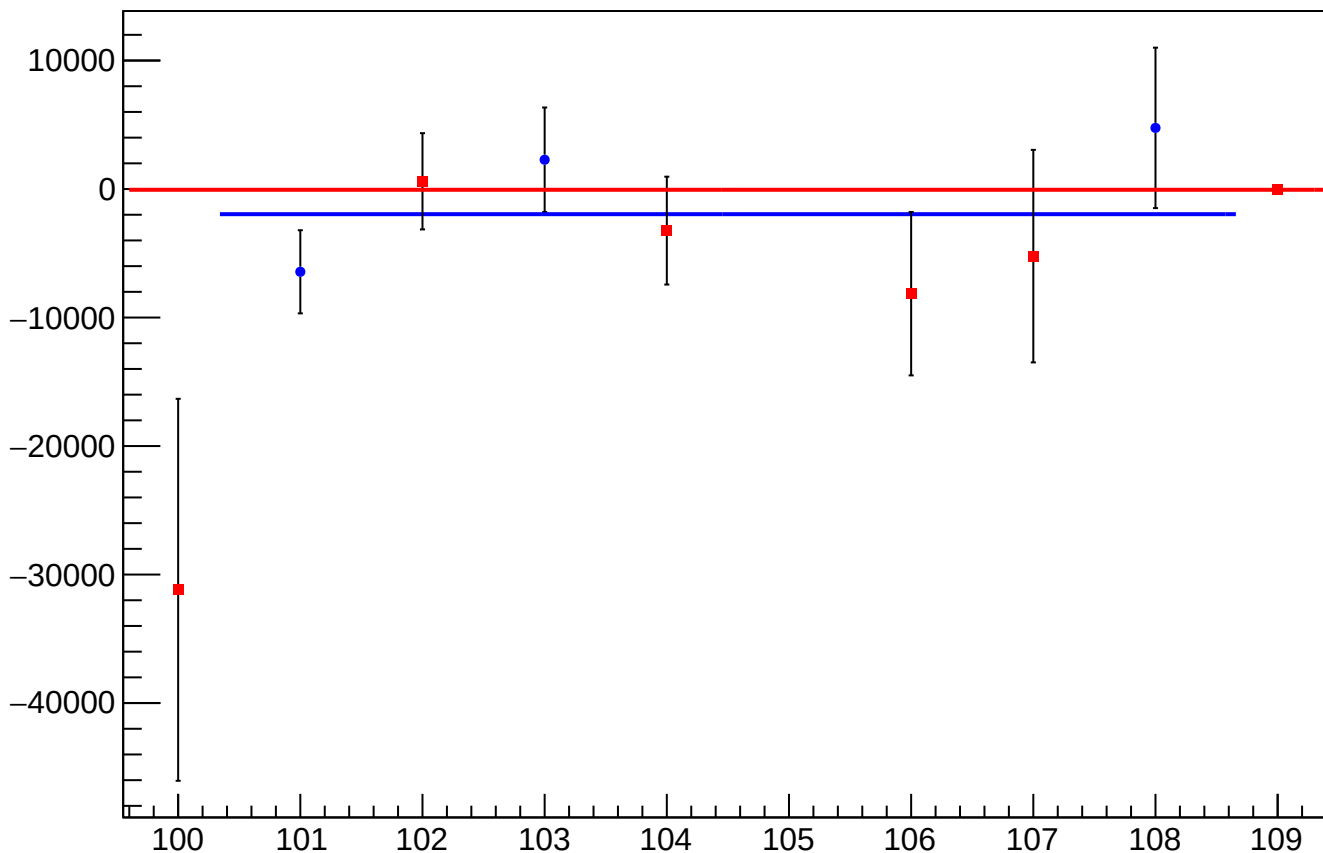
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 151.818 $\pm$ 0.147 χ^2 /NDF: 6347107.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: -1955.950+/-2346.091 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.625+/-51.362 χ^2/NDF : 7.0/5

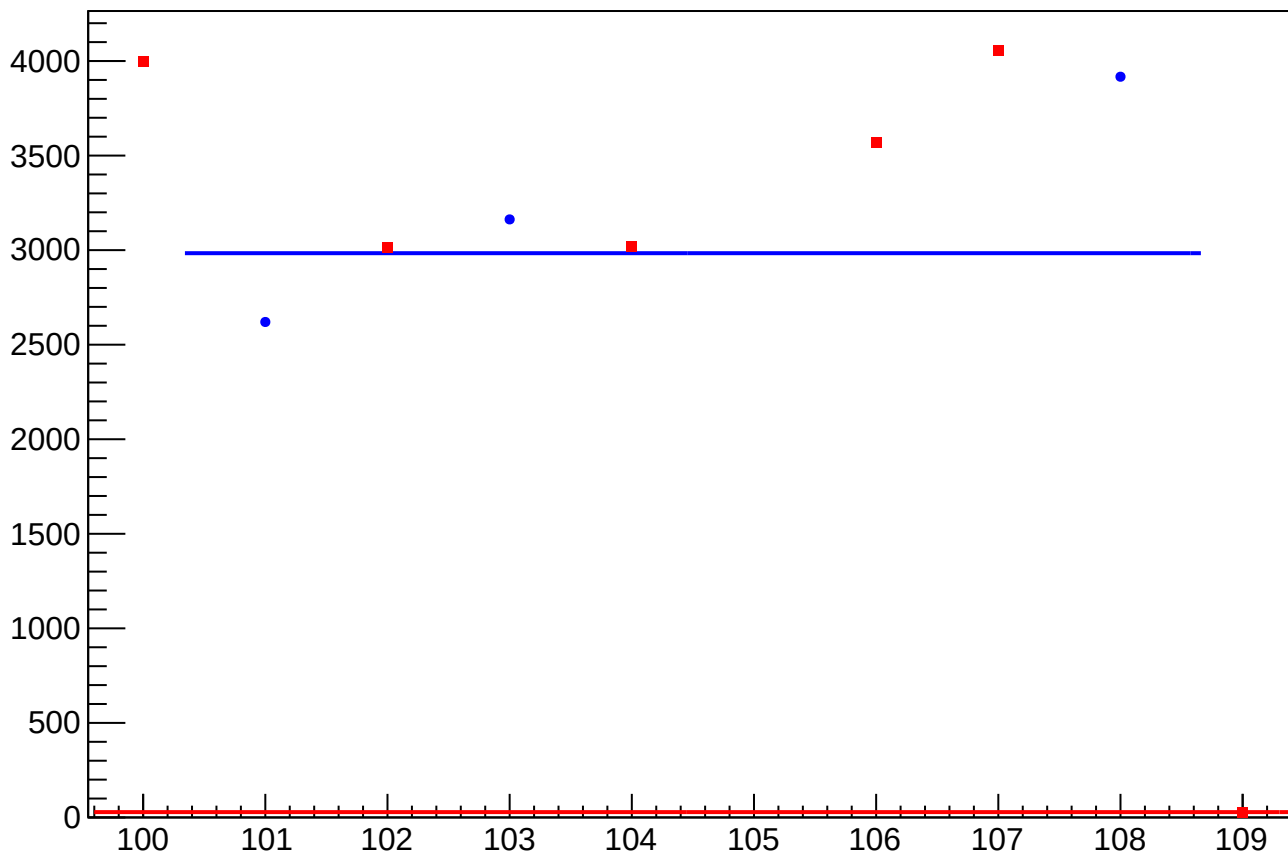
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -58.535+/-51.349 χ^2/NDF : 11.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 2983.844 $\pm$ 1.659 χ^2 /NDF: 73835.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.256 $\pm$ 0.036 χ^2 /NDF: 3529446.1/5

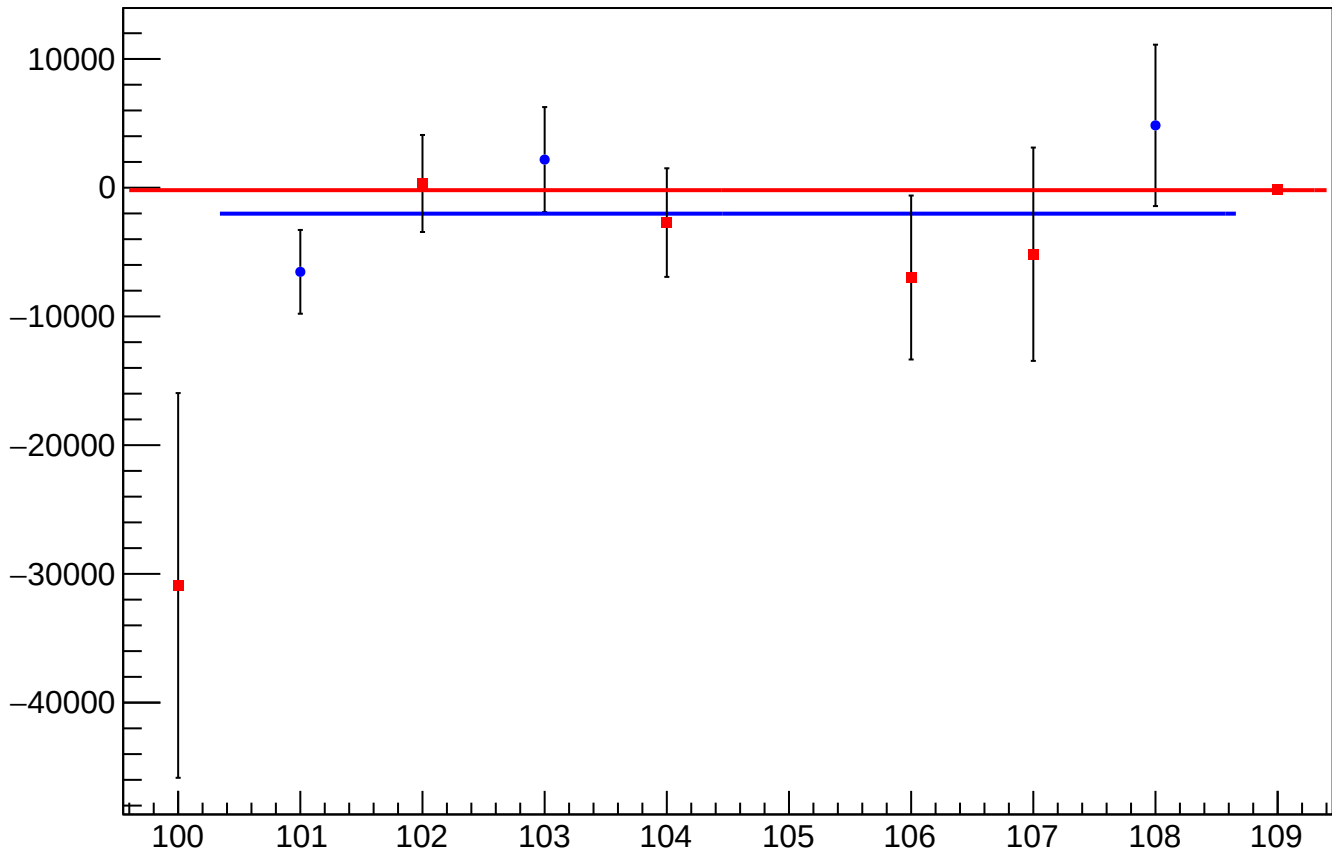
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.672 $\pm$ 0.036 χ^2 /NDF: 6775913.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: -2016.560+/-2357.184 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -191.711+/-210.885 χ^2/NDF : 6.1/5

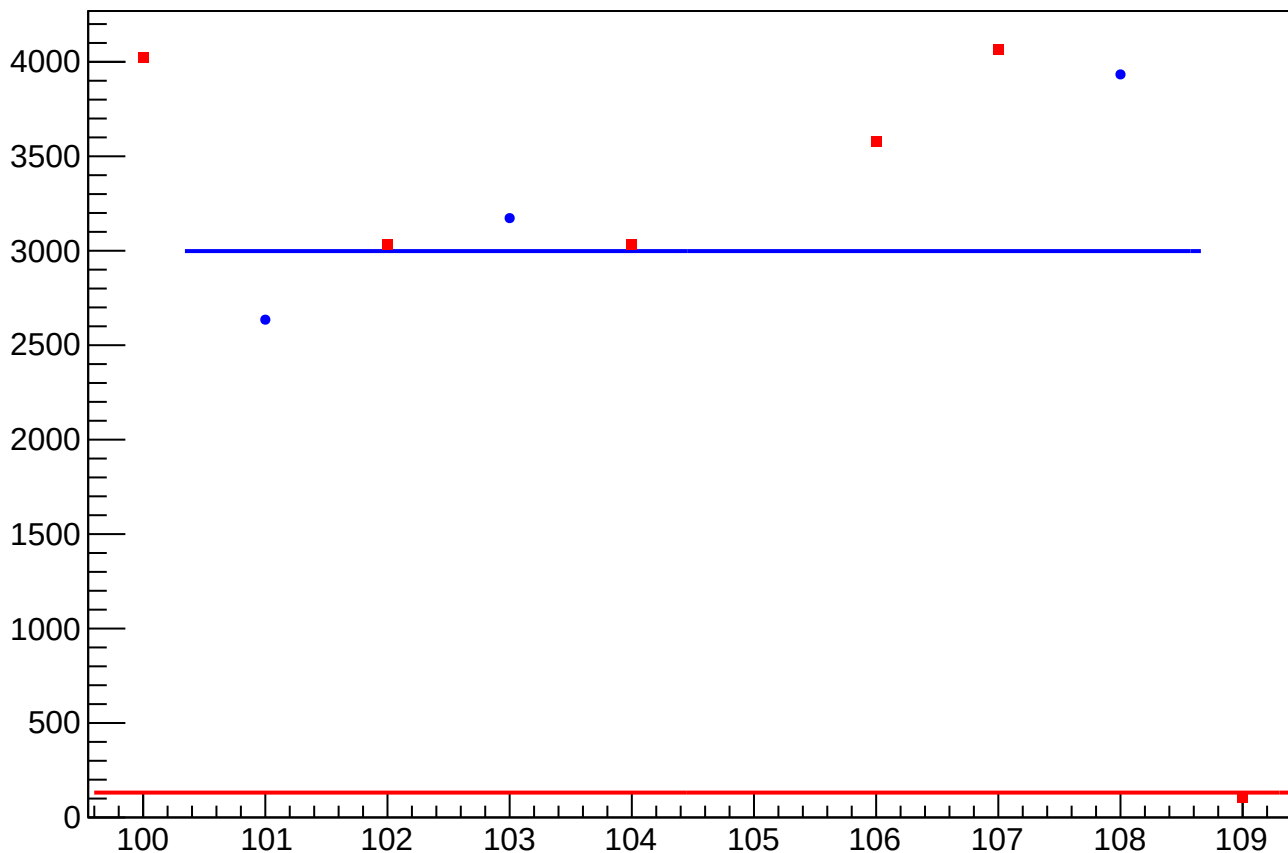
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.201+/-210.046 χ^2/NDF : 10.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 2998.222+/-1.667 χ^2/NDF : 73078.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

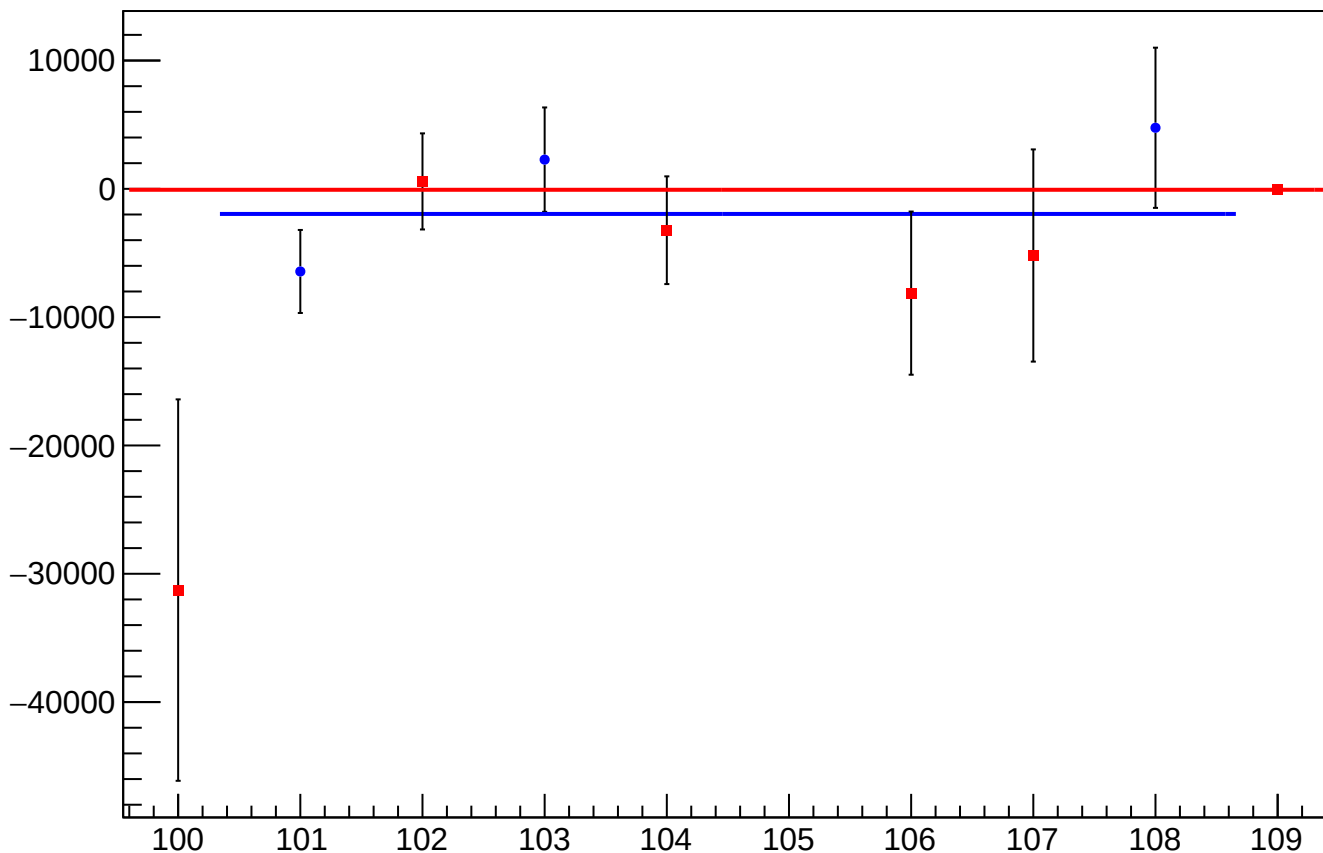
Right Out: 131.576+/-0.149 χ^2/NDF : 3331290.9/5

All: 154.338+/-0.149 χ^2/NDF : 6338836.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: -1956.419+/-2346.196 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.132+/-59.574 χ^2/NDF : 7.0/5

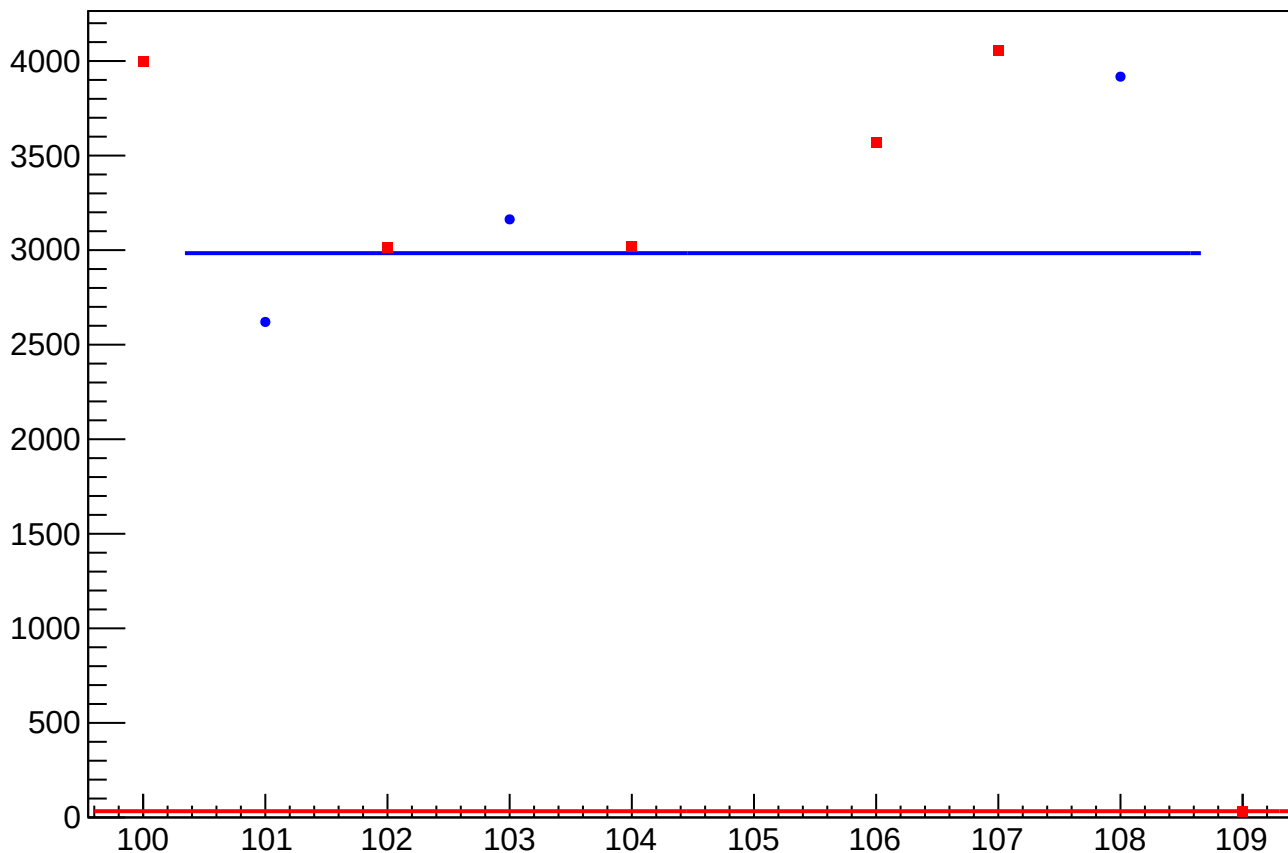
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -74.345+/-59.555 χ^2/NDF : 11.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 2983.973 $\pm$ 1.659 χ^2 /NDF: 73844.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.078 $\pm$ 0.042 χ^2 /NDF: 3519439.2/5

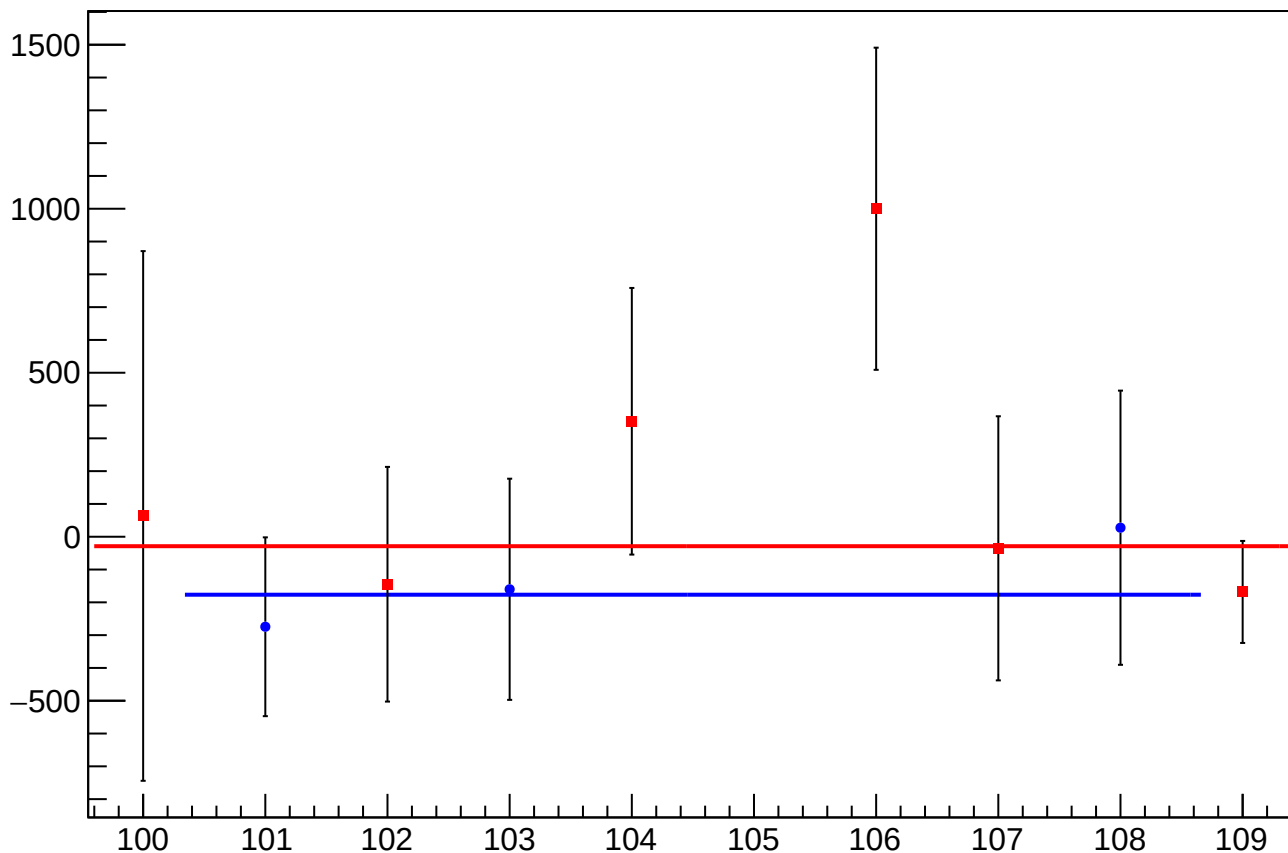
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.979 $\pm$ 0.042 χ^2 /NDF: 6755044.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: -176.759+/-189.049 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.845+/-122.111 χ^2/NDF : 6.2/5

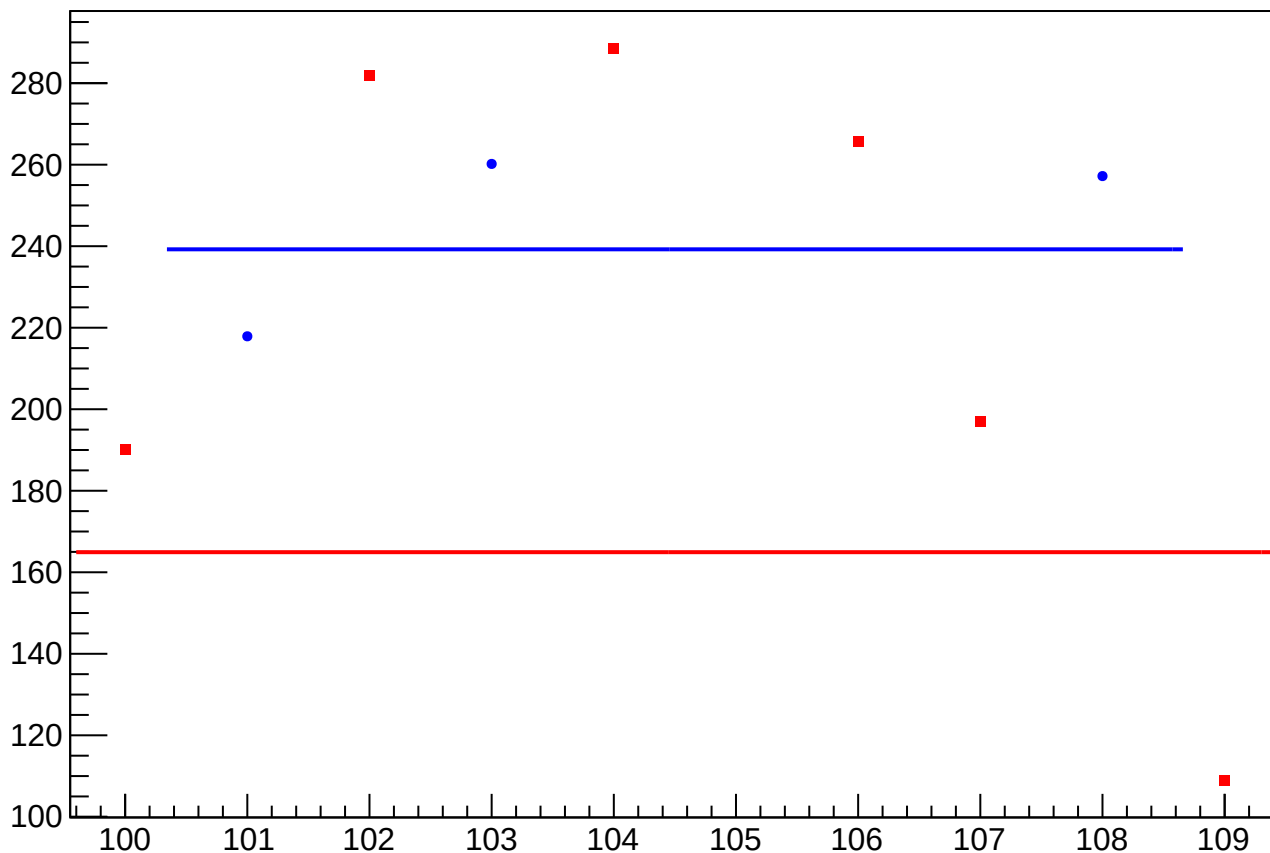
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.389+/-102.574 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 239.233 $\pm$ 0.134 χ^2 /NDF: 23680.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.930 $\pm$ 0.086 χ^2 /NDF: 755935.2/5

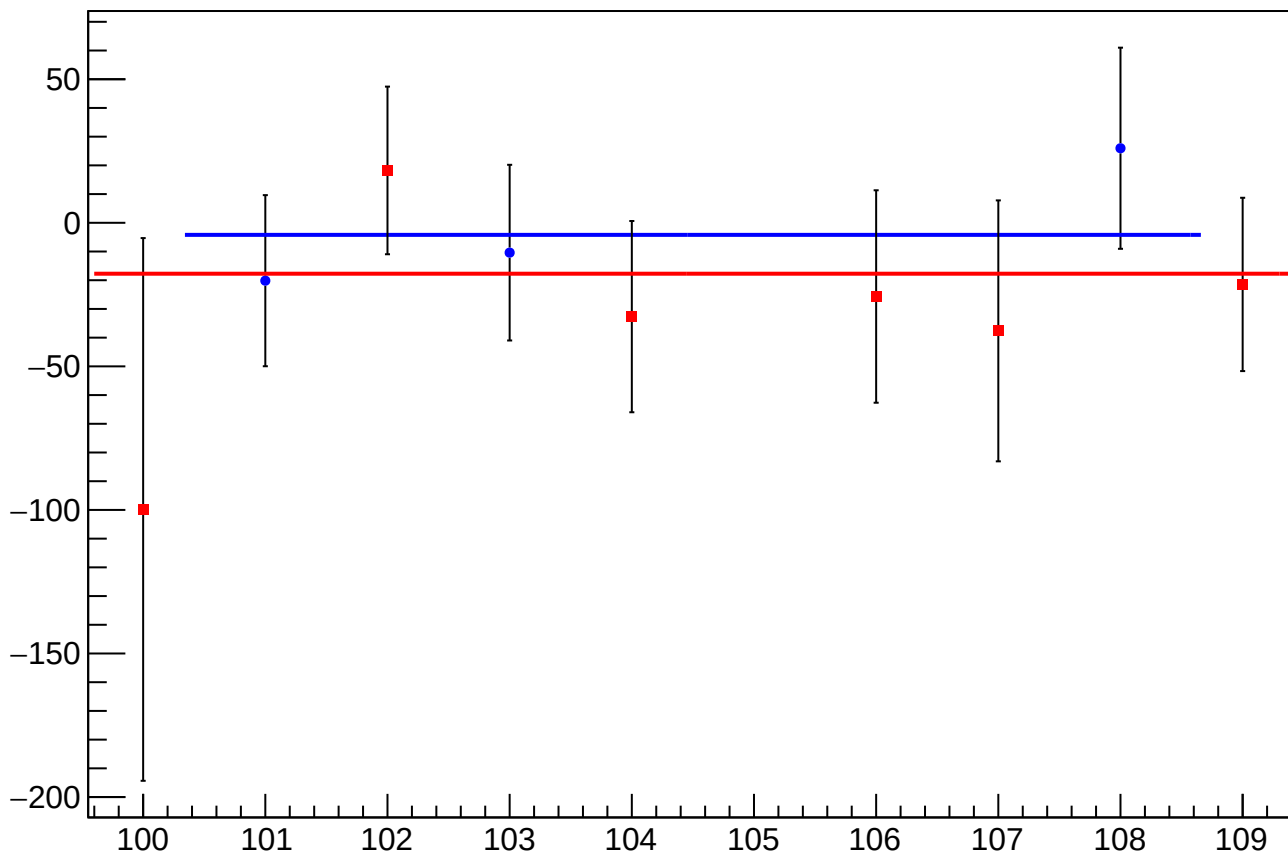
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 186.804 $\pm$ 0.073 χ^2 /NDF: 997620.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: -4.202 $\pm$ 18.227 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -17.732 $\pm$ 14.908 χ^2 /NDF: 2.7/5

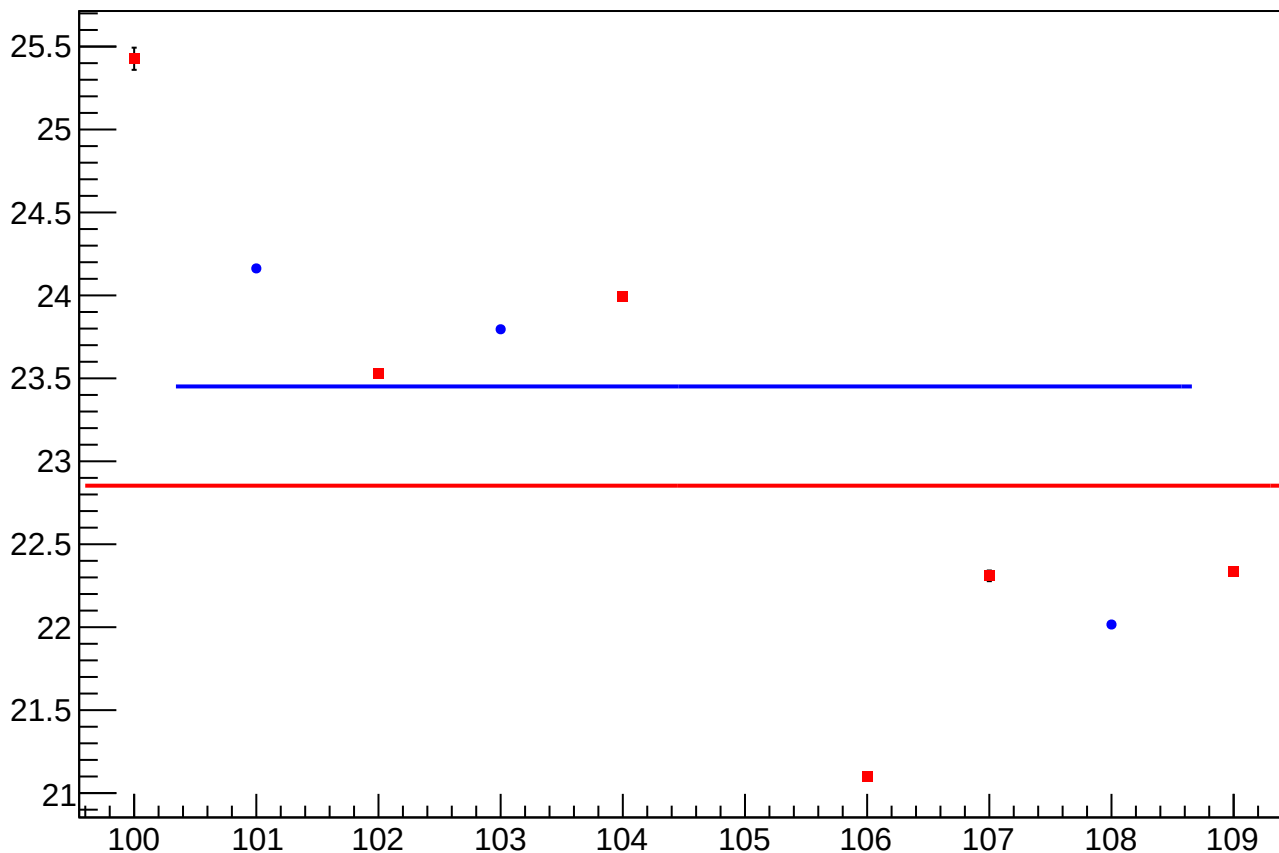
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.309 $\pm$ 11.540 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 23.451 $\pm$ 0.013 χ^2 /NDF: 4751.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.853 $\pm$ 0.011 χ^2 /NDF: 10261.8/5

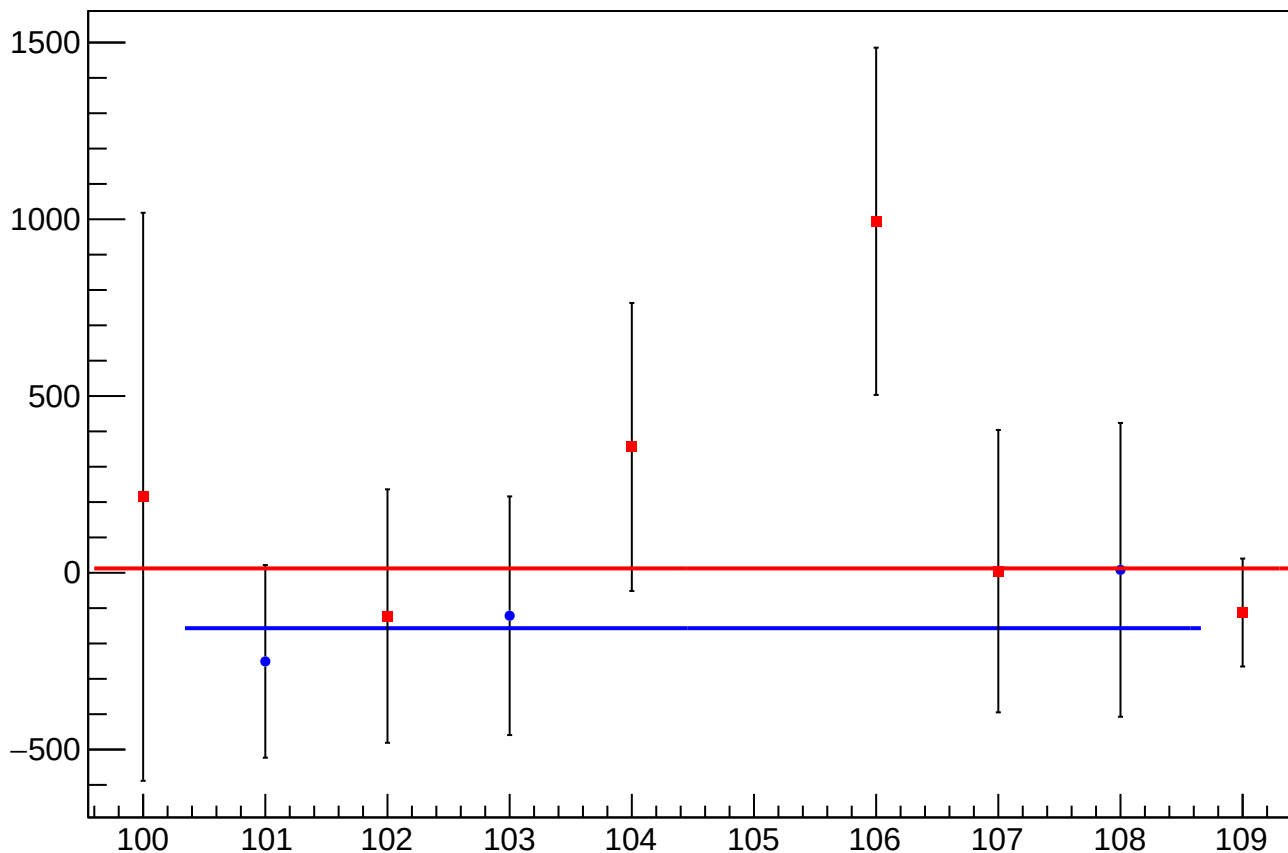
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.093 $\pm$ 0.008 χ^2 /NDF: 16304.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -156.741 ± 188.858 $\chi^2/\text{NDF}: 0.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 12.410 ± 120.670 $\chi^2/\text{NDF}: 5.6/5$

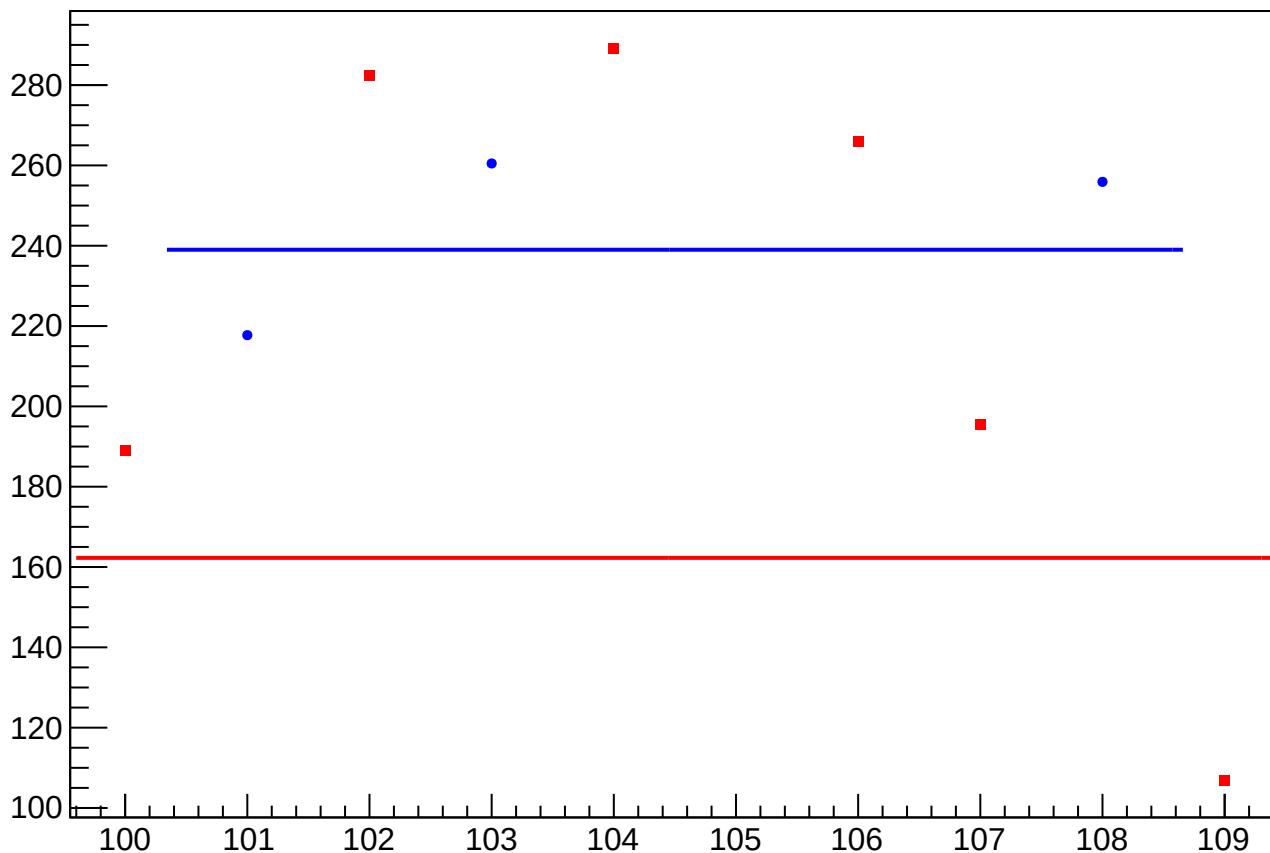
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.627 ± 101.685 $\chi^2/\text{NDF}: 6.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 239.001 $\pm$ 0.134 χ^2 /NDF: 23595.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.284 $\pm$ 0.085 χ^2 /NDF: 786530.8/5

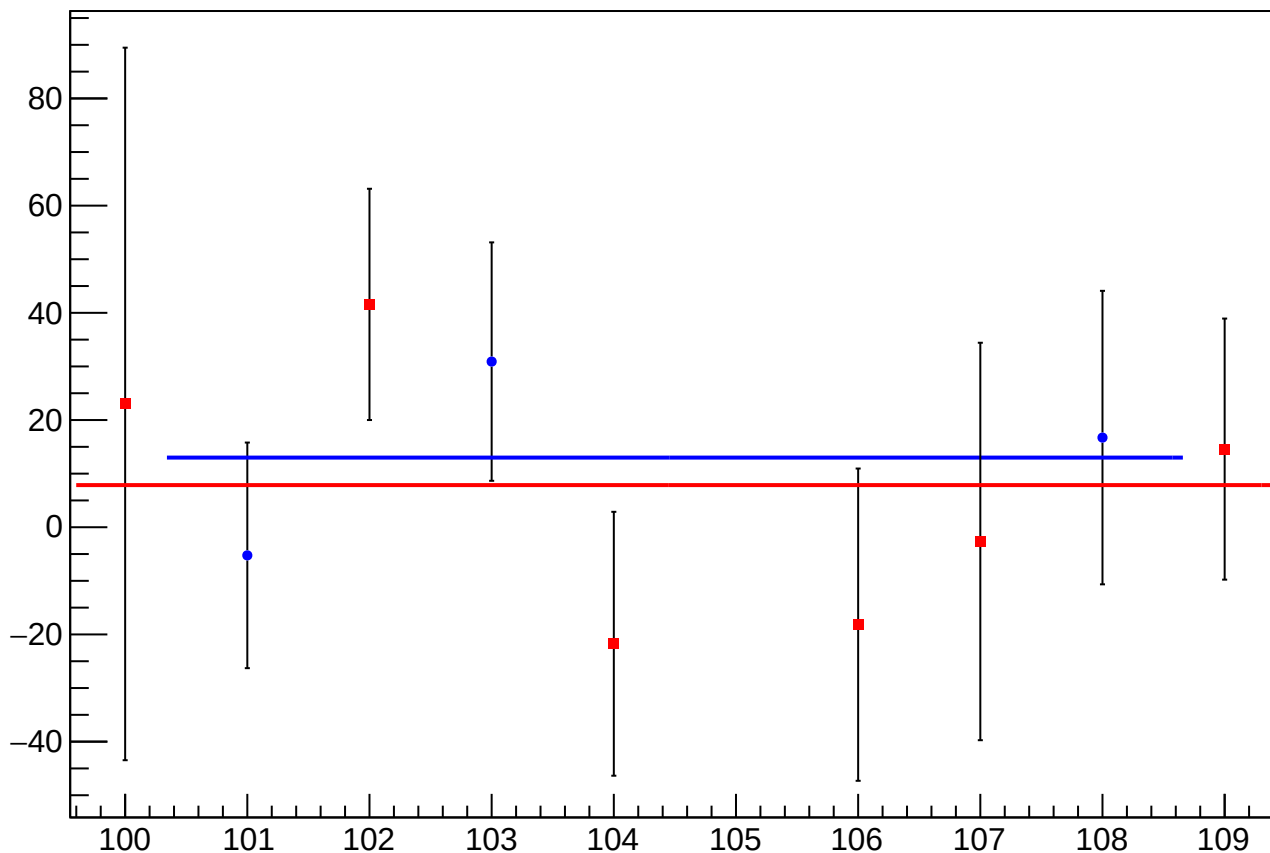
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.524 $\pm$ 0.072 χ^2 /NDF: 1044475.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: 12.994 $\pm$ 13.347 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.862 $\pm$ 11.458 χ^2 /NDF: 4.9/5

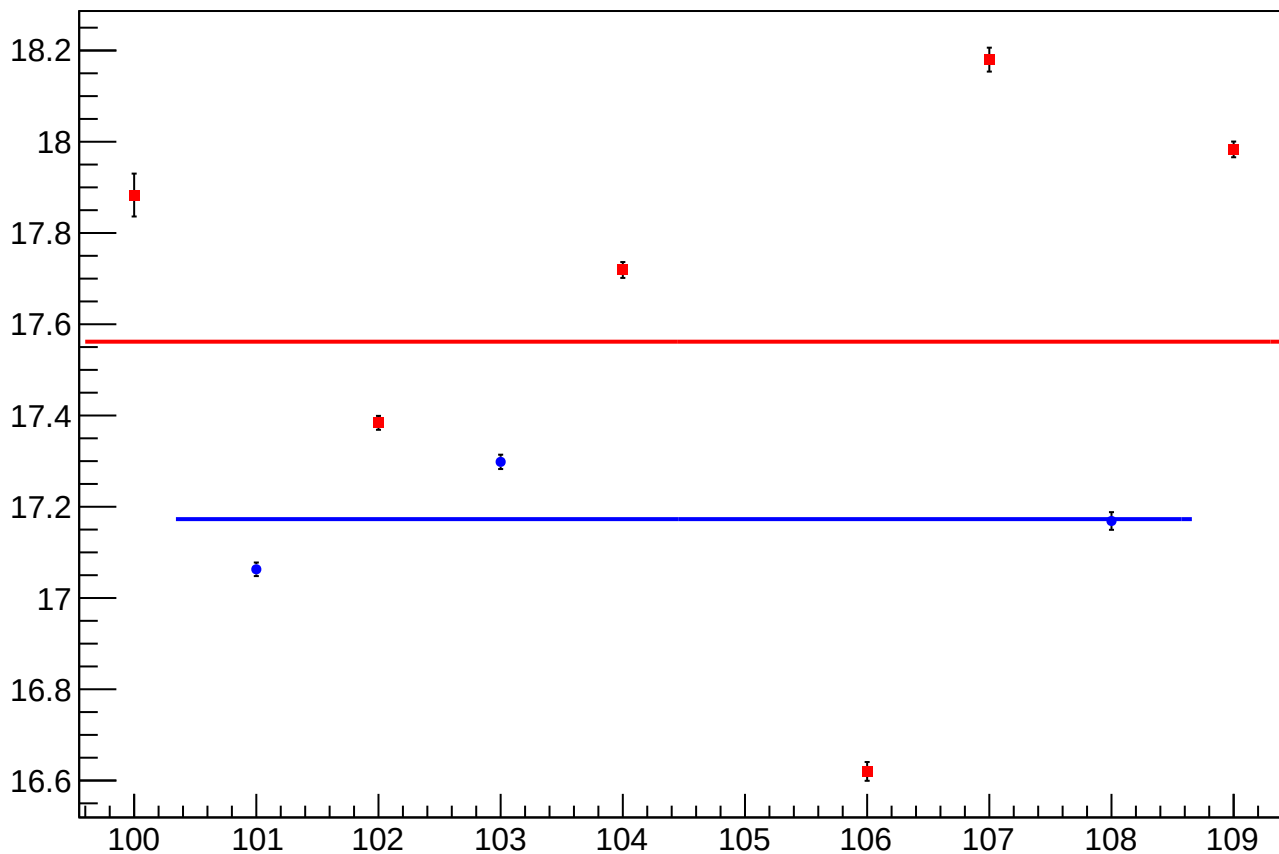
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.039 $\pm$ 8.694 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.173+/-0.009 χ^2/NDF : 118.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.562+/-0.008 χ^2/NDF : 3509.8/5

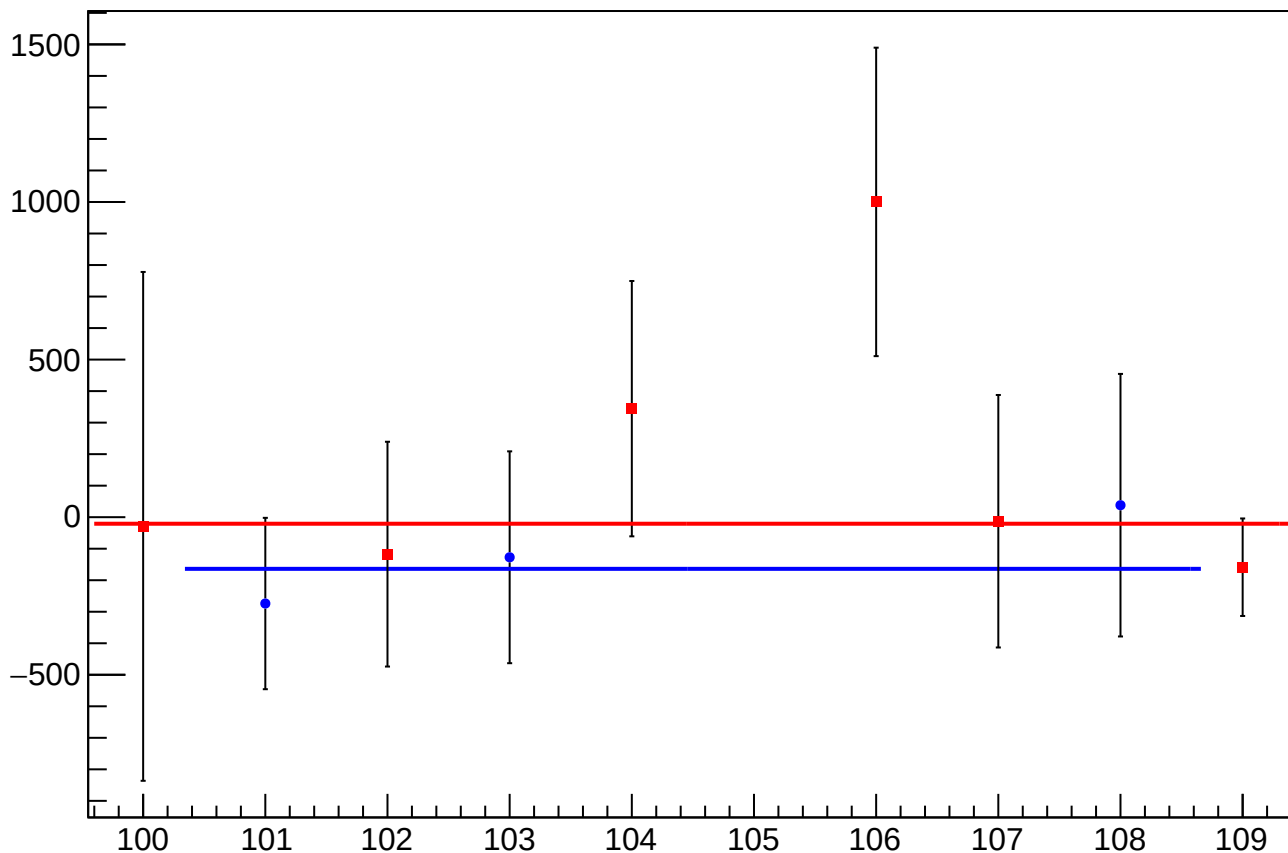
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.397+/-0.006 χ^2/NDF : 4605.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -163.892 $\pm$ 188.471 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.774 $\pm$ 121.537 χ^2 /NDF: 6.0/5

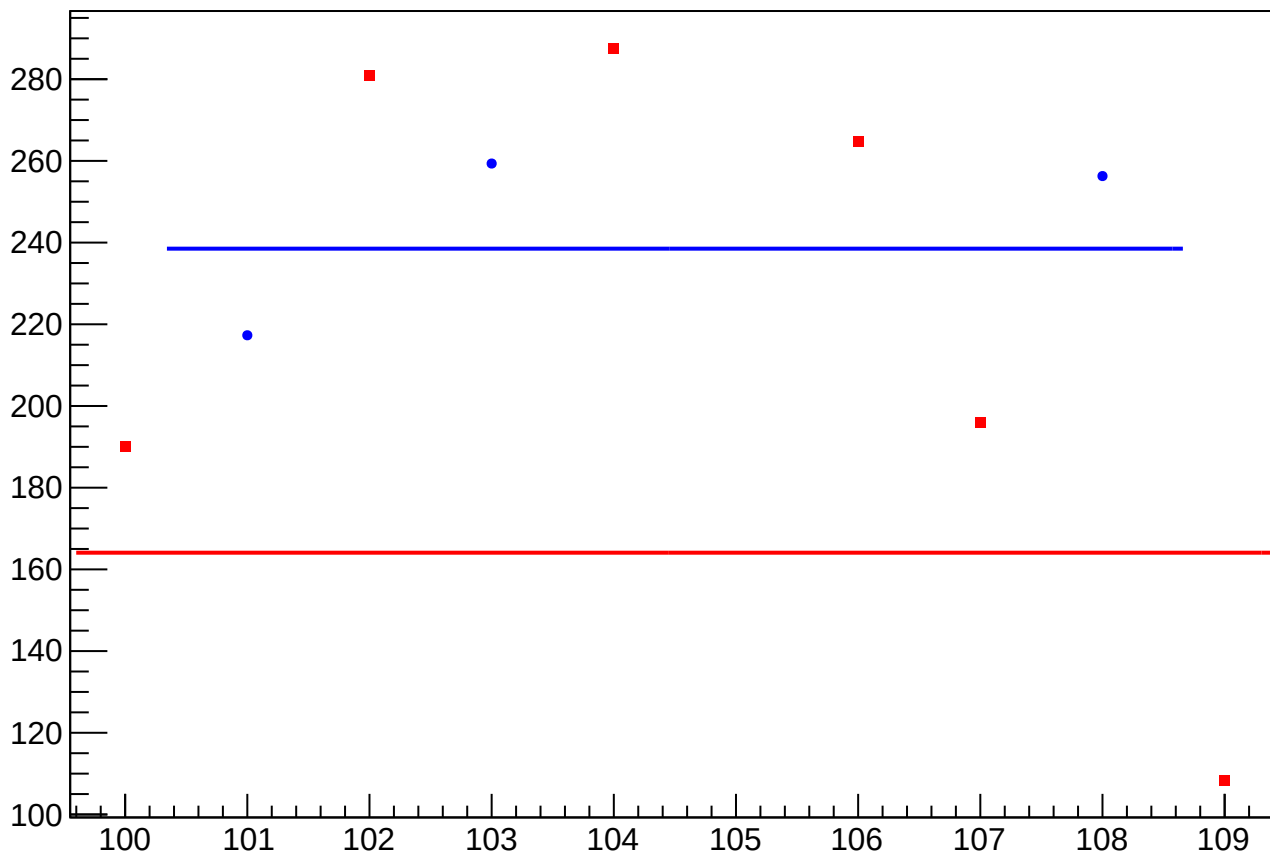
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.808 $\pm$ 102.141 χ^2 /NDF: 6.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 238.514 $\pm$ 0.133 χ^2 /NDF: 23499.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.086 $\pm$ 0.086 χ^2 /NDF: 758977.1/5

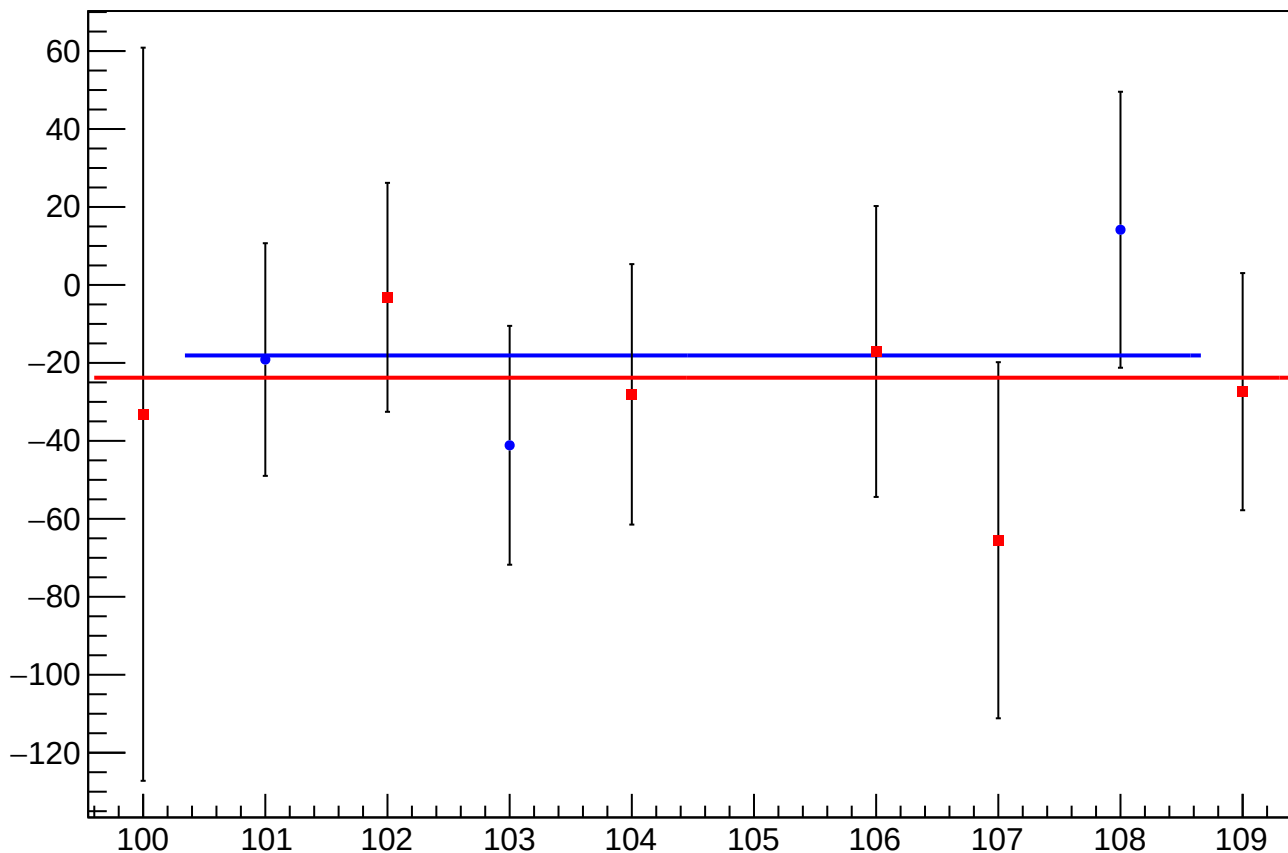
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.946 $\pm$ 0.072 χ^2 /NDF: 1002770.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: -18.090 $\pm$ 18.299 χ^2 /NDF: 1.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.798 $\pm$ 14.996 χ^2 /NDF: 1.4/5

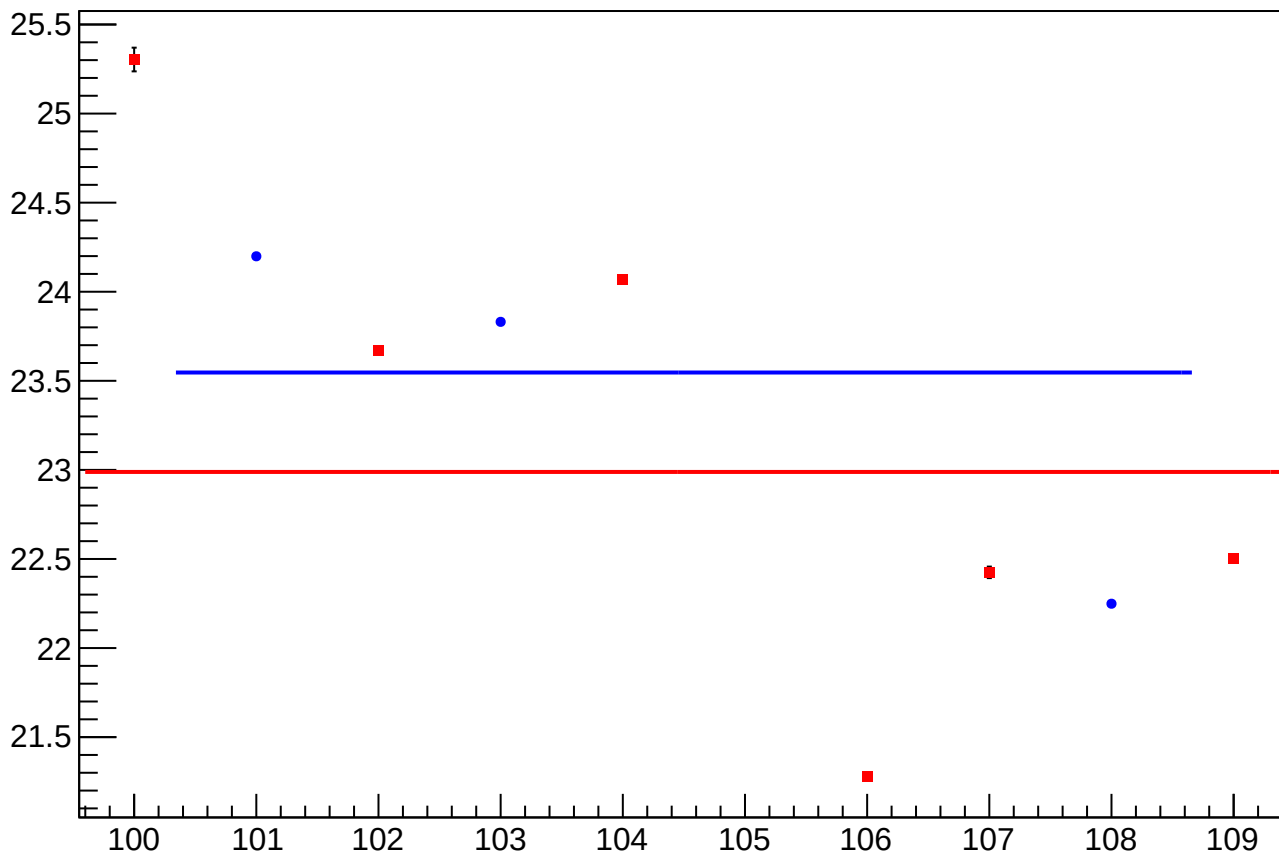
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.505 $\pm$ 11.599 χ^2 /NDF: 2.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 23.547 $\pm$ 0.013 χ^2 /NDF: 3816.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.989 $\pm$ 0.011 χ^2 /NDF: 9376.5/5

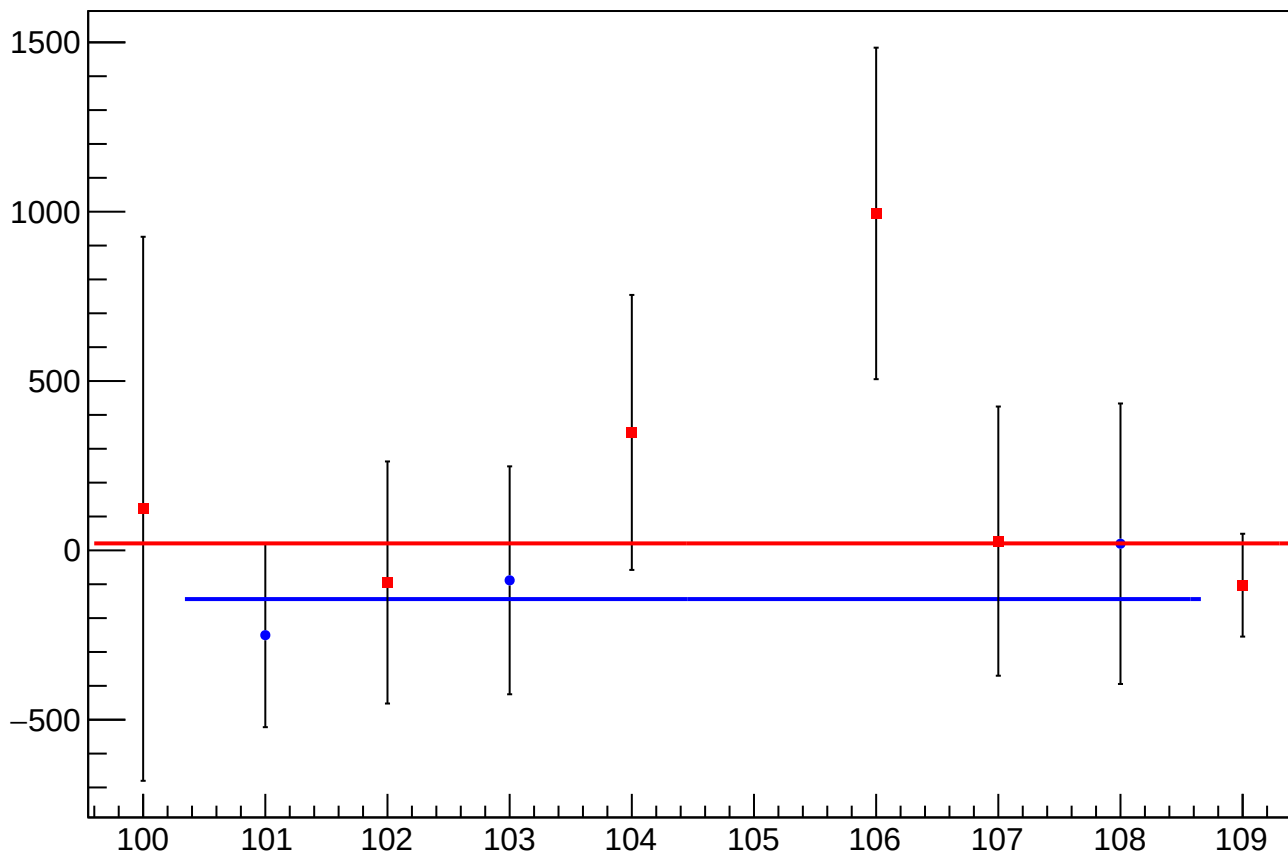
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.213 $\pm$ 0.008 χ^2 /NDF: 14305.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -143.800+/-188.282 χ^2/NDF : 0.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.608+/-120.091 χ^2/NDF : 5.4/5

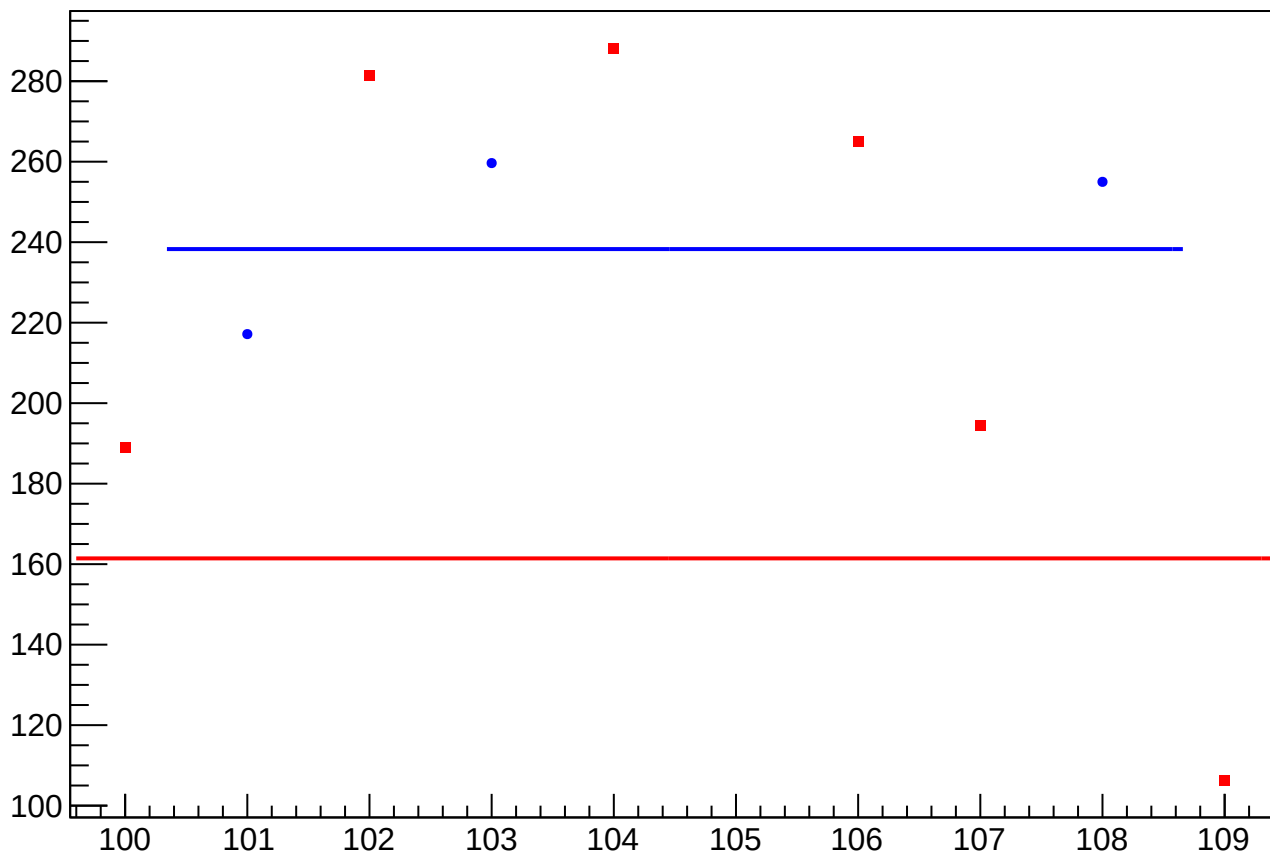
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.935+/-101.249 χ^2/NDF : 6.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 238.286 $\pm$ 0.133 χ^2 /NDF: 23410.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 161.432 $\pm$ 0.085 χ^2 /NDF: 789815.5/5

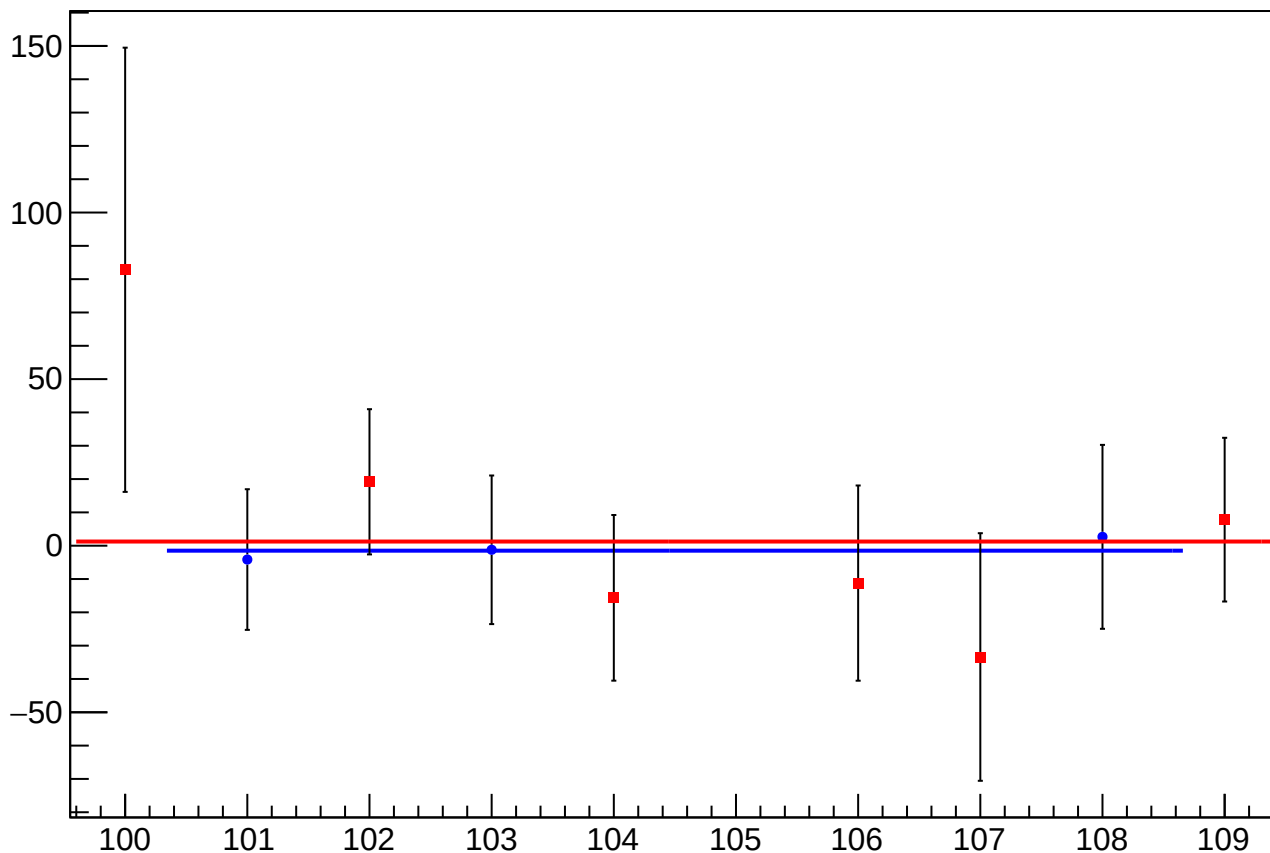
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 183.657 $\pm$ 0.072 χ^2 /NDF: 1050094.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -1.493 $\pm$ 13.402 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.252 $\pm$ 11.552 χ^2 /NDF: 3.8/5

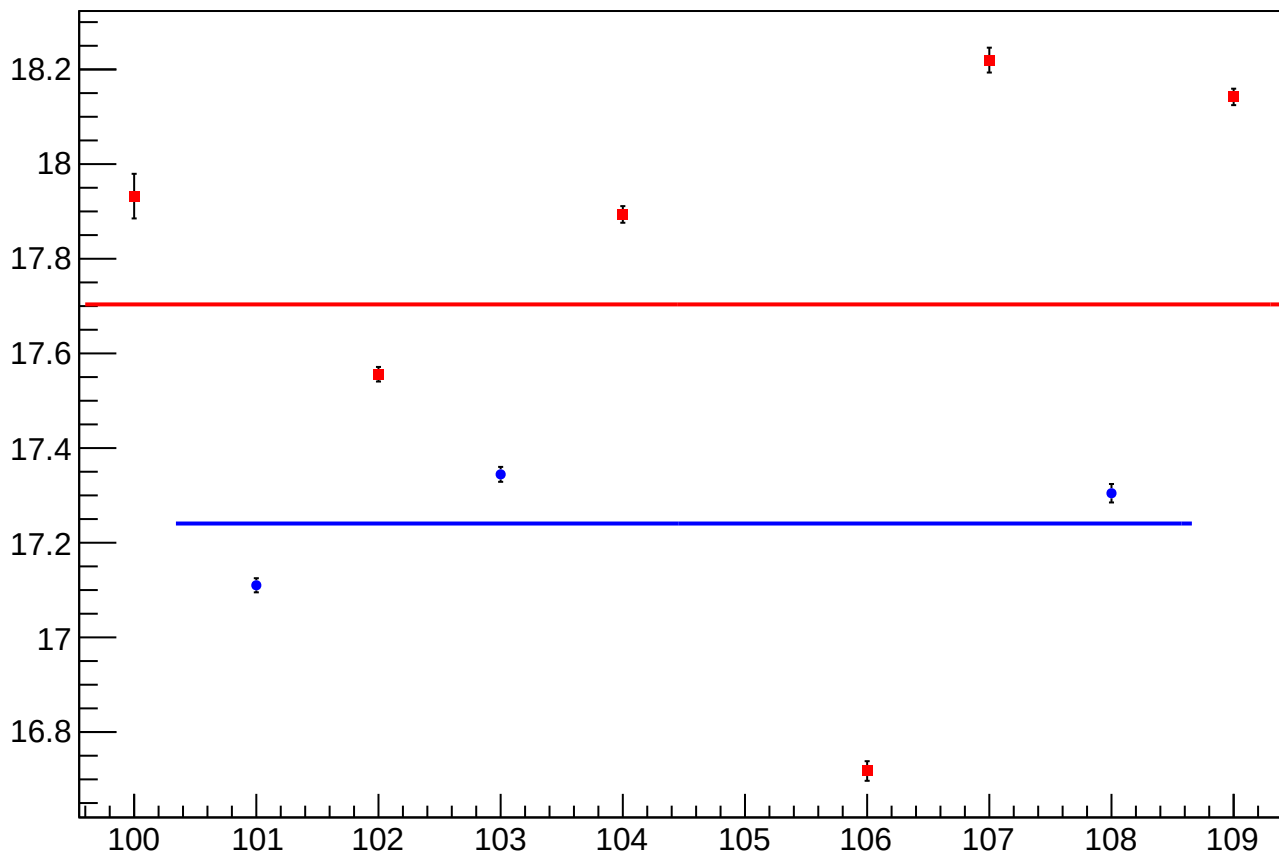
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.082 $\pm$ 8.750 χ^2 /NDF: 3.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 17.241 $\pm$ 0.009 χ^2 /NDF: 130.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.704 $\pm$ 0.008 χ^2 /NDF: 3519.6/5

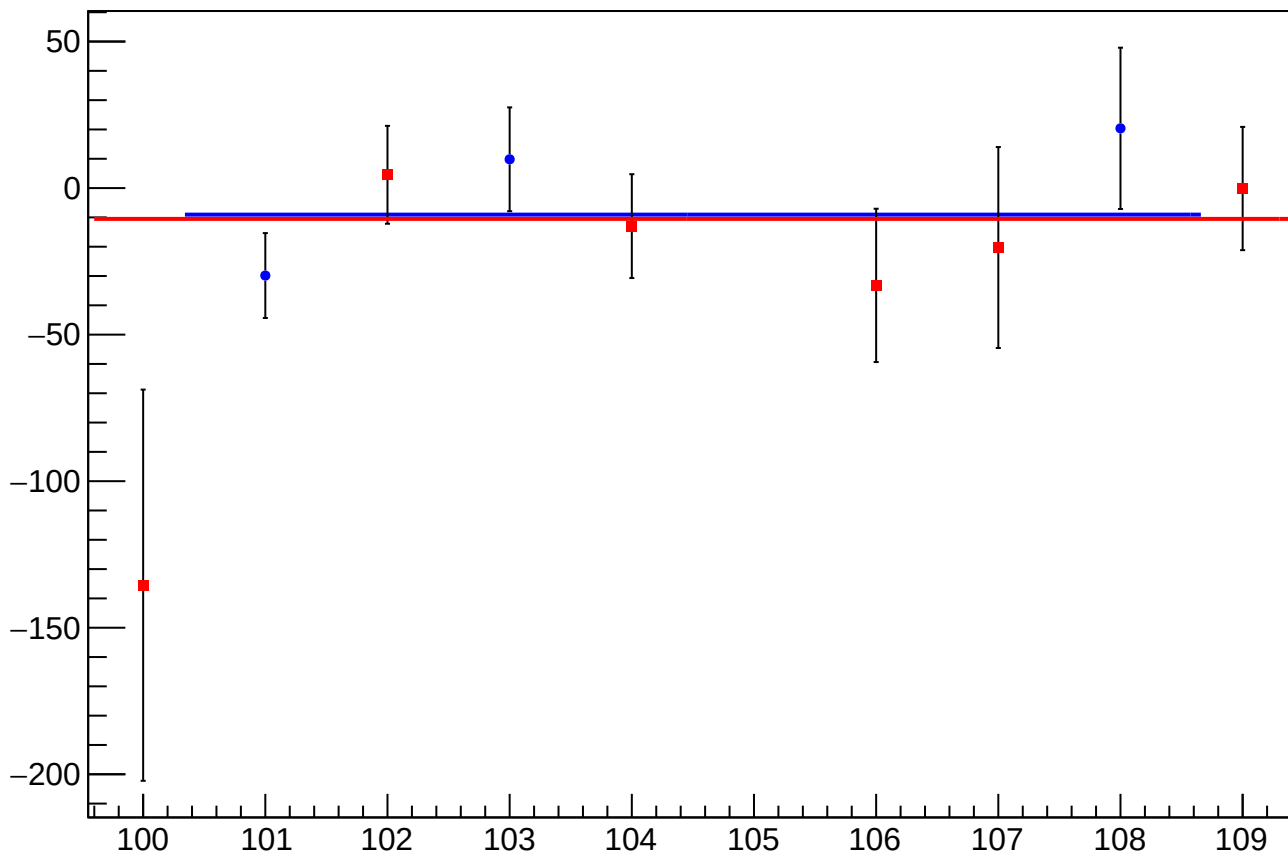
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.506 $\pm$ 0.006 χ^2 /NDF: 5019.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -9.056+/-10.384 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.512+/-9.295 χ^2/NDF : 5.4/5

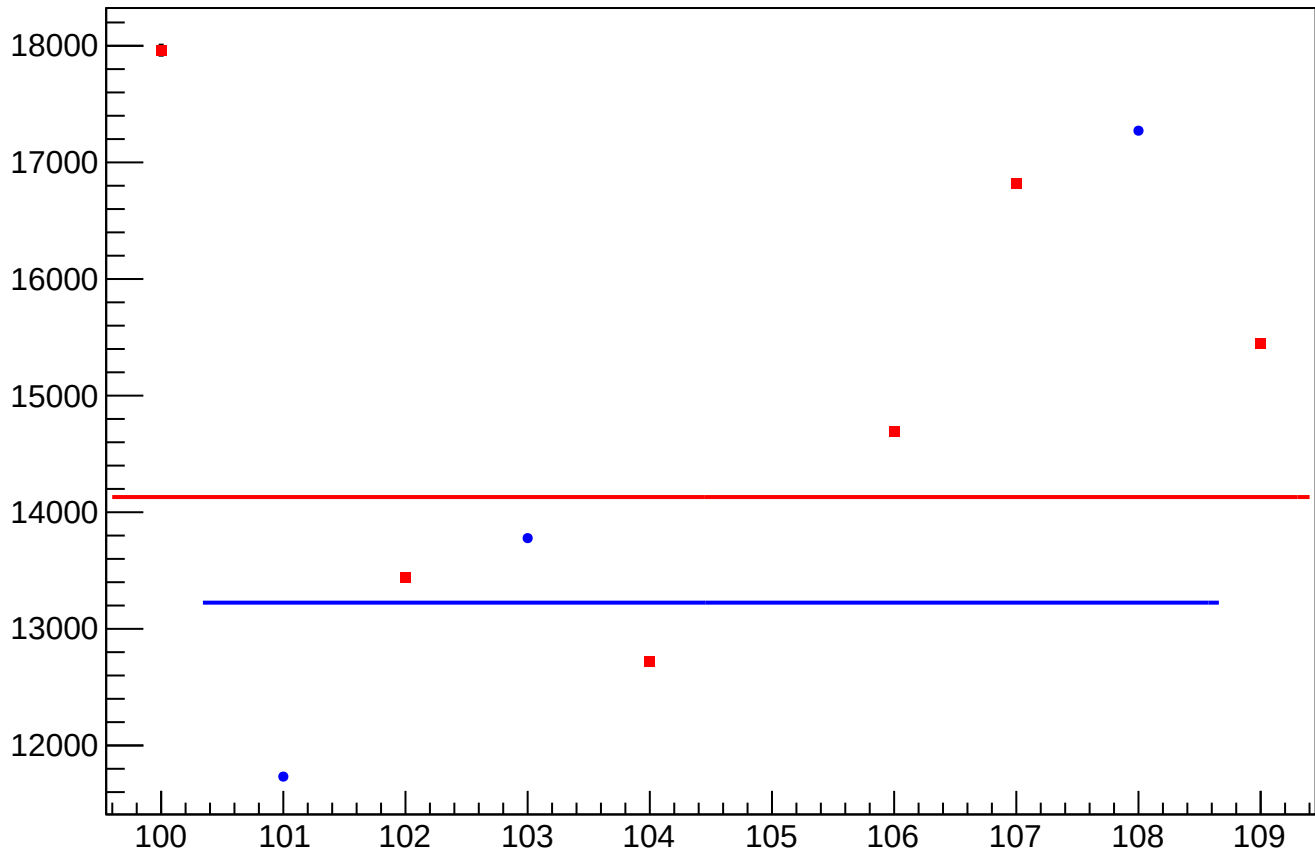
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.864+/-6.926 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 13224.681+/-7.343 χ^2/NDF : 66421.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14130.322+/-6.573 χ^2/NDF : 43737.0/5

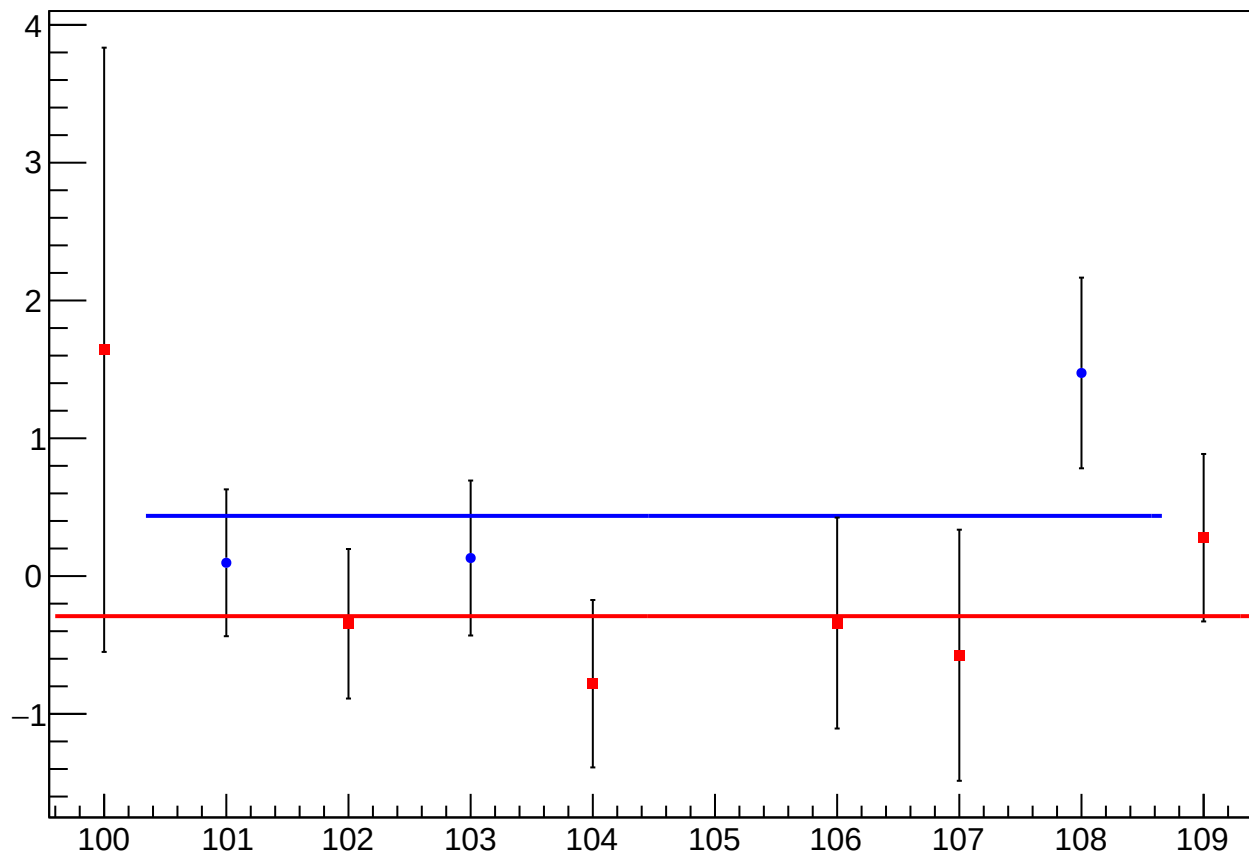
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13727.465+/-4.897 χ^2/NDF : 118603.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.437 $\pm$ 0.338 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.291 $\pm$ 0.289 χ^2 /NDF: 2.4/5

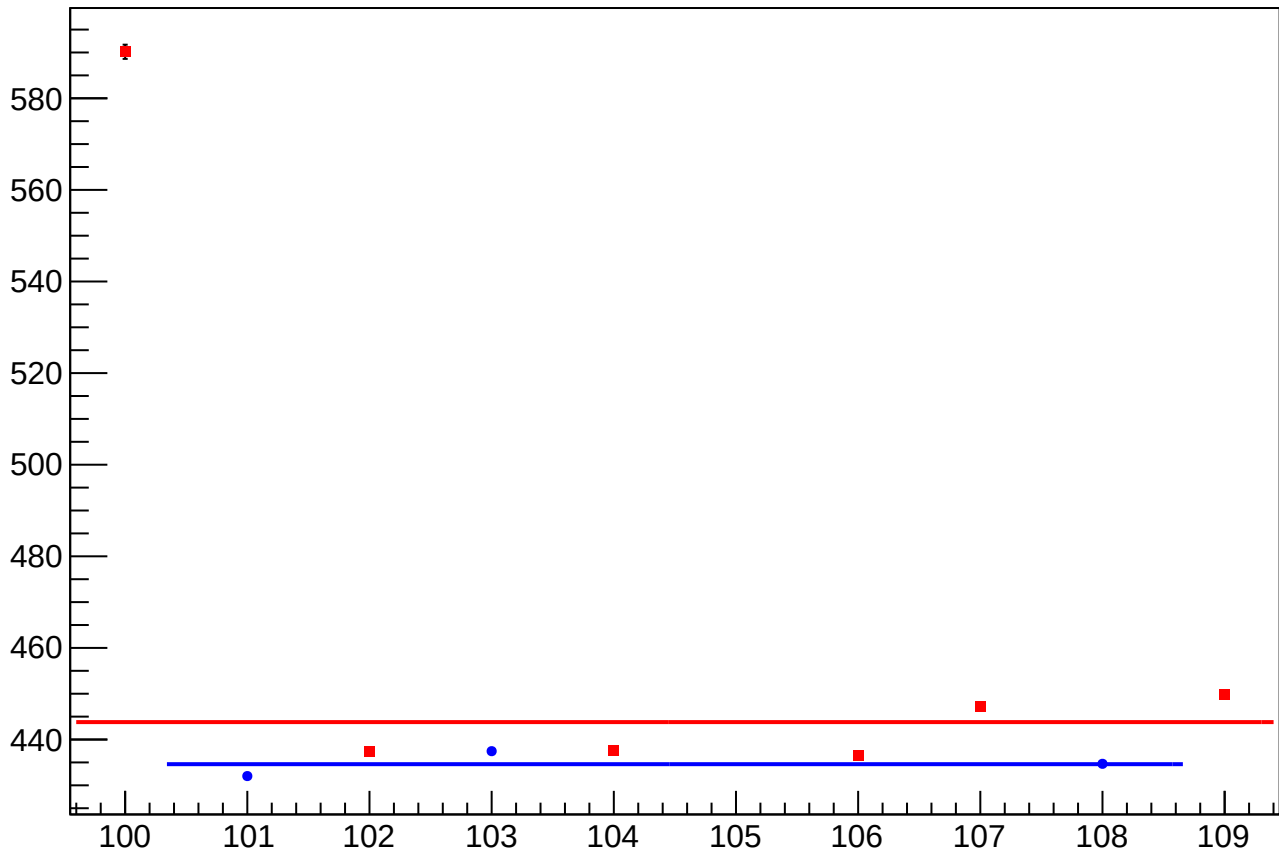
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.220 χ^2 /NDF: 8.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 434.618 $\pm$ 0.239 χ^2 /NDF: 98.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 443.804 $\pm$ 0.205 χ^2 /NDF: 9791.2/5

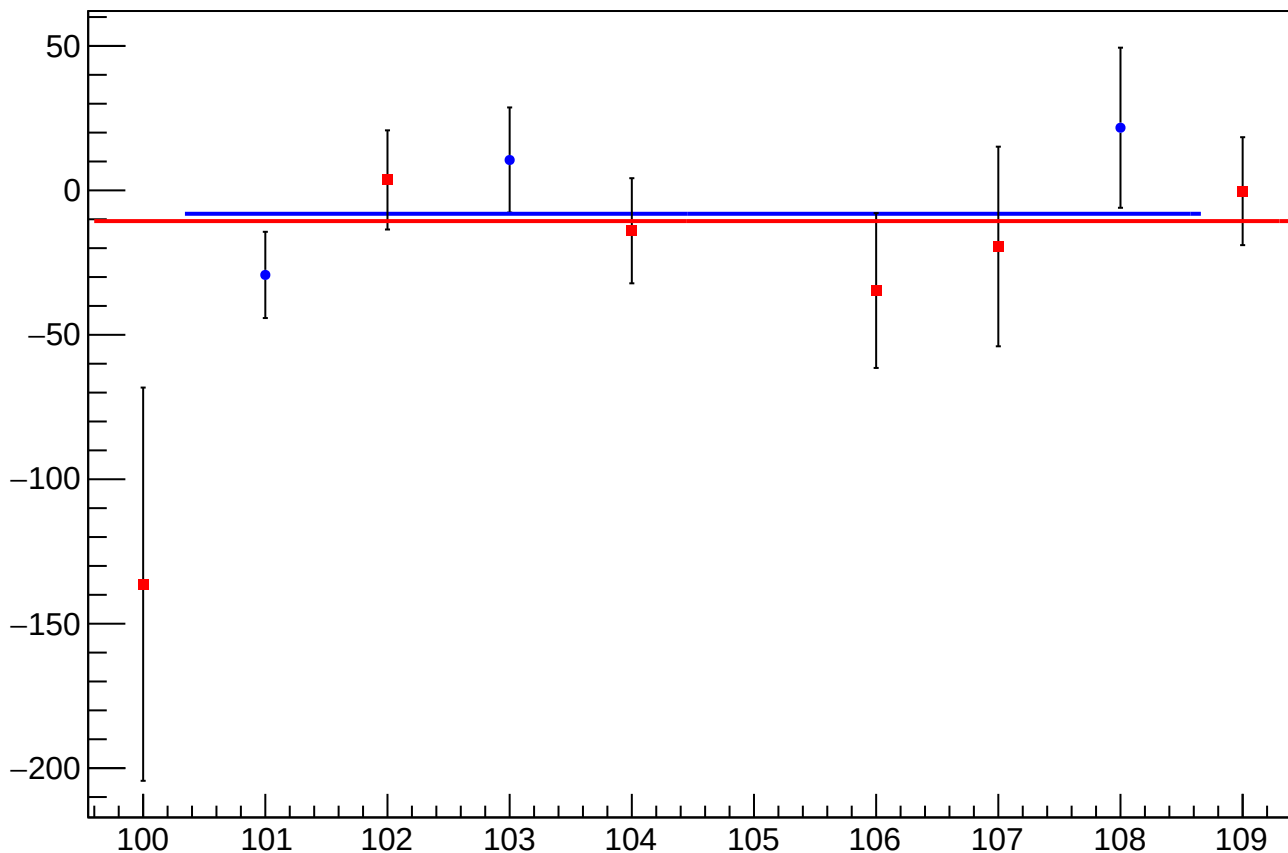
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 439.912 $\pm$ 0.155 χ^2 /NDF: 10743.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_avg_mean vs Slug



Right In: -8.100+/-10.653 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.632+/-9.234 χ^2/NDF : 5.3/5

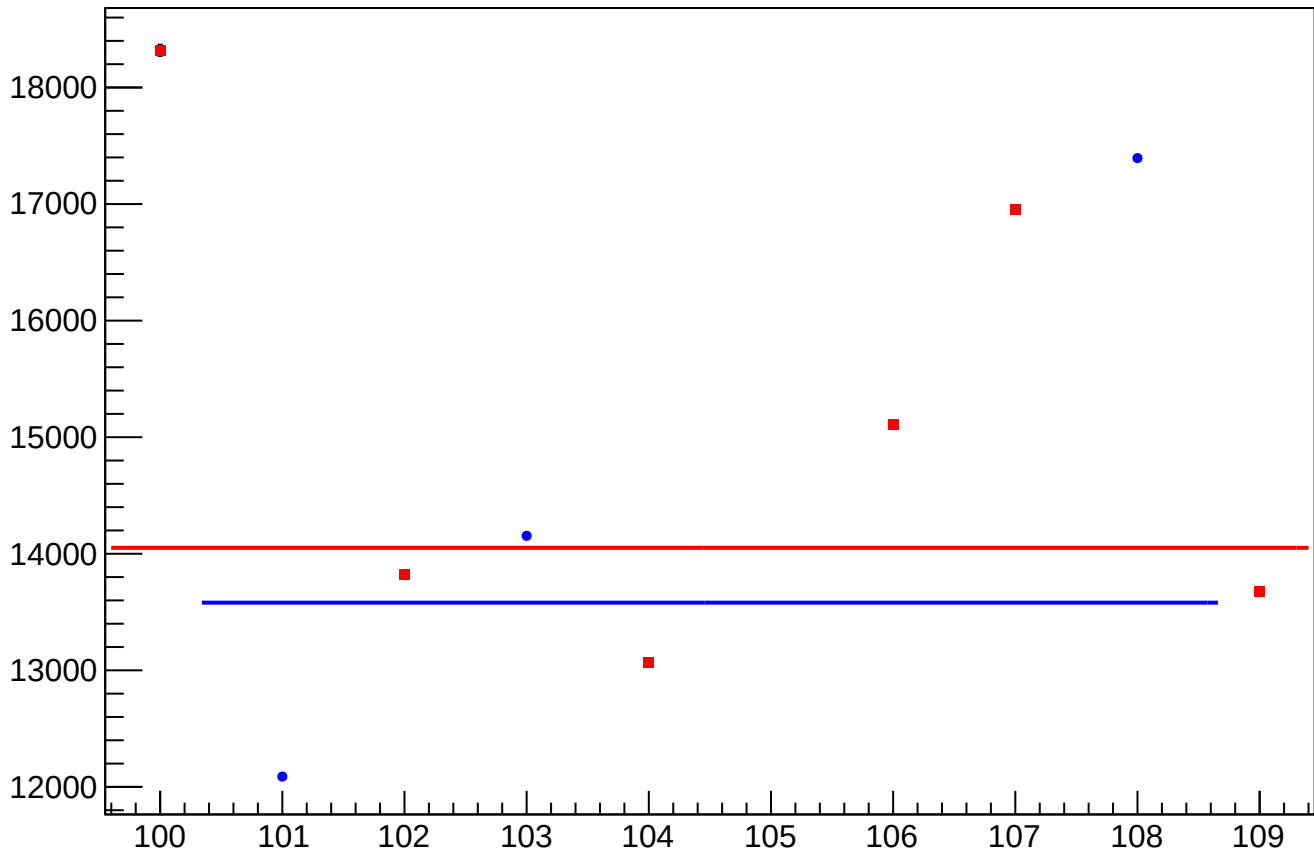
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.545+/-6.978 χ^2/NDF : 9.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 13580.662 $\pm$ 7.533 χ^2 /NDF: 59843.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14051.165 $\pm$ 6.530 χ^2 /NDF: 32034.3/5

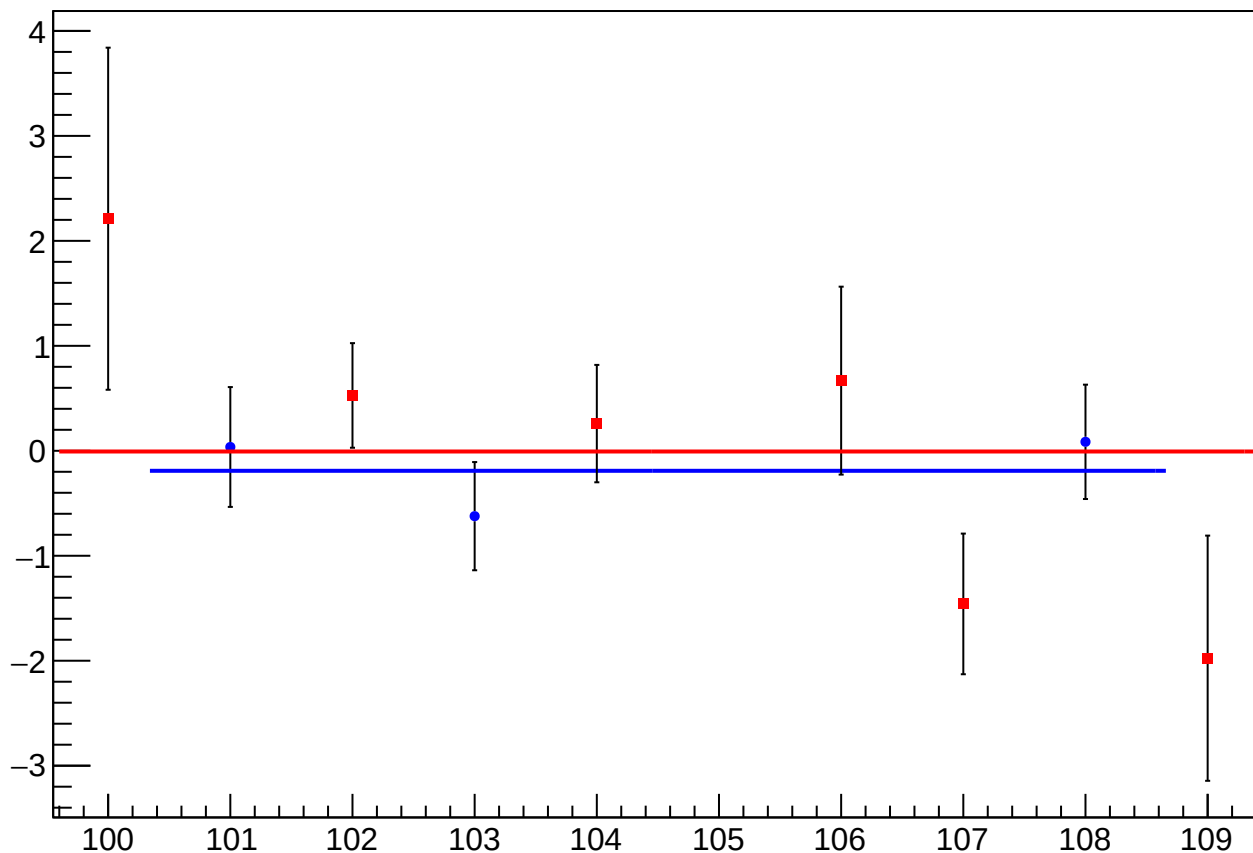
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13849.308 $\pm$ 4.934 χ^2 /NDF: 94105.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_dd_mean vs Slug



Right In: -0.191 $\pm$ 0.313 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.291 χ^2 /NDF: 11.3/5

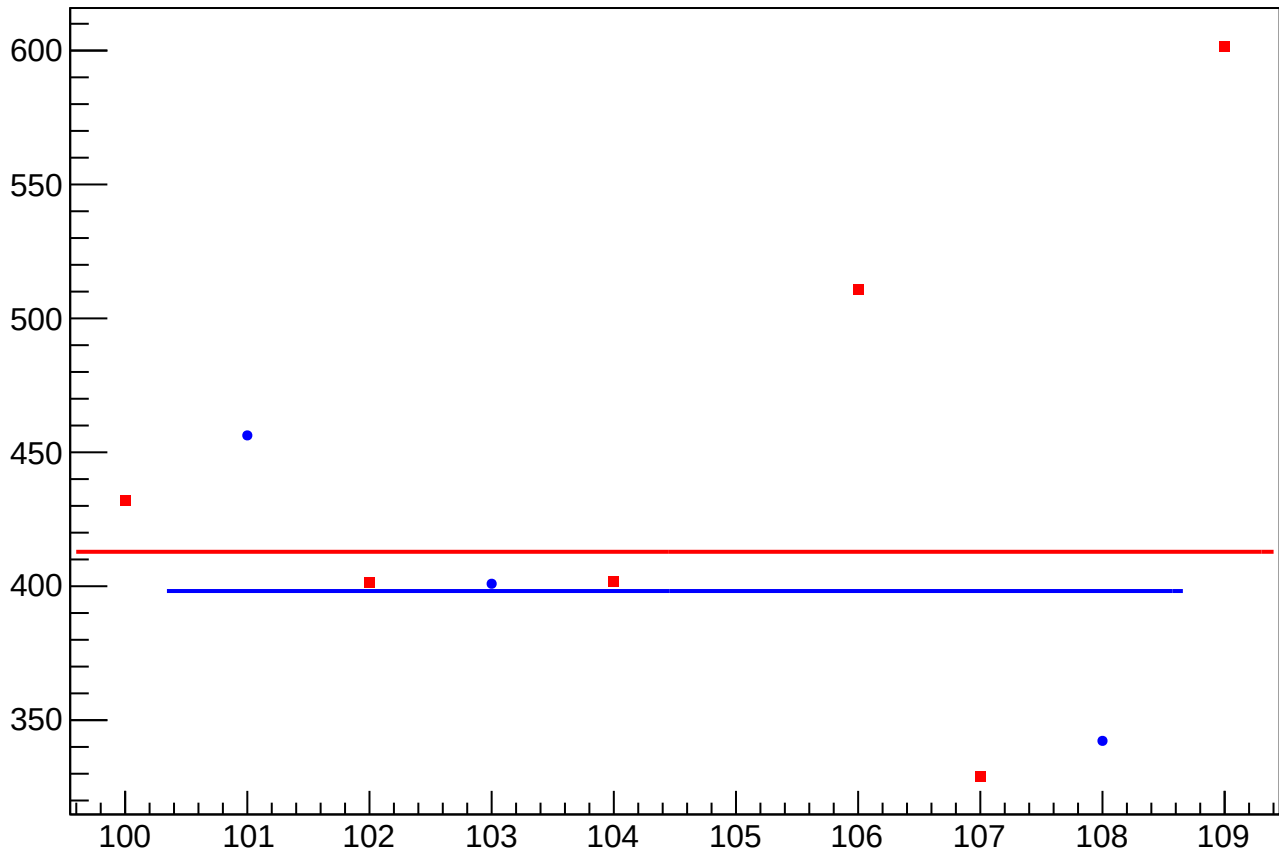
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.092 $\pm$ 0.213 χ^2 /NDF: 12.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 398.212 $\pm$ 0.221 χ^2 /NDF: 41875.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 412.860 $\pm$ 0.206 χ^2 /NDF: 109404.1/5

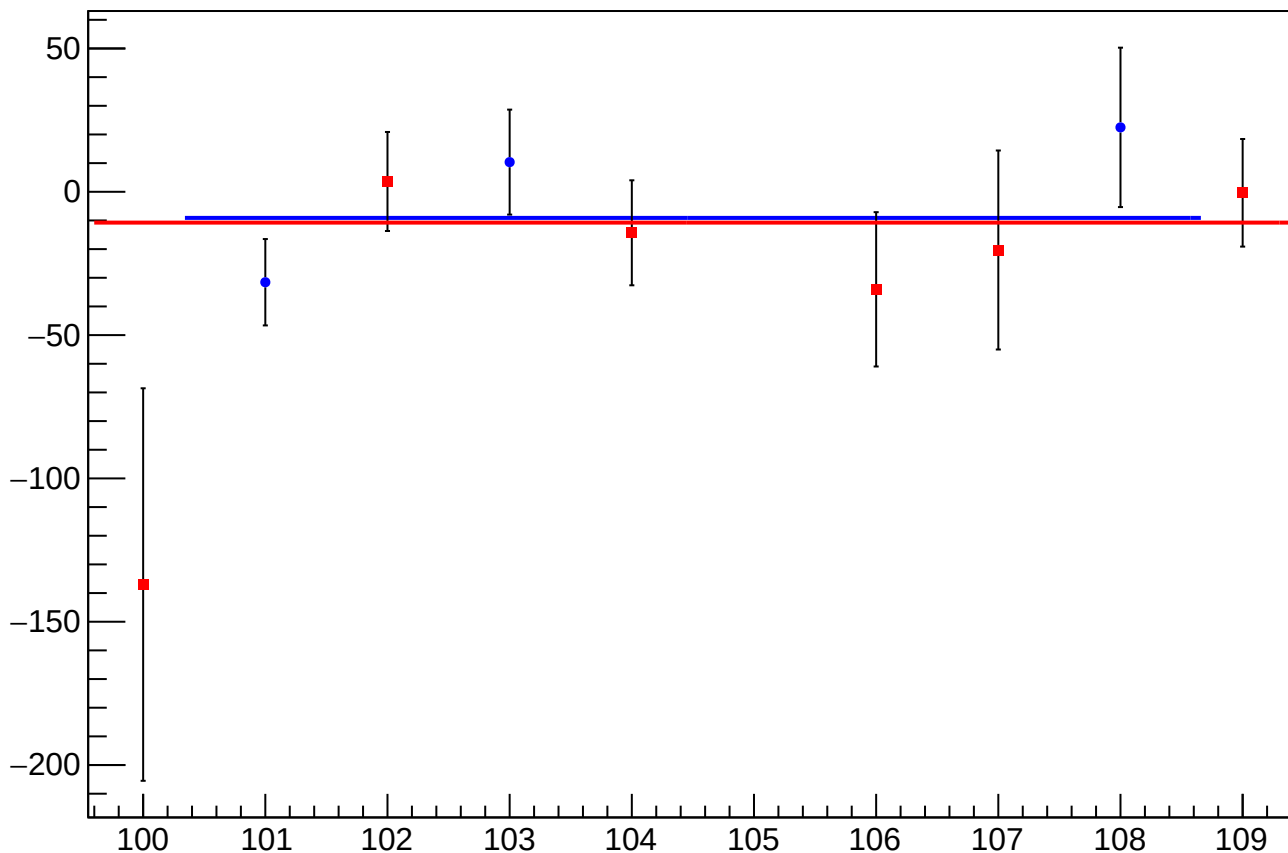
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 406.071 $\pm$ 0.151 χ^2 /NDF: 153629.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_avg_mean vs Slug



Right In: -9.105+/-10.734 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.750+/-9.288 χ^2/NDF : 5.3/5

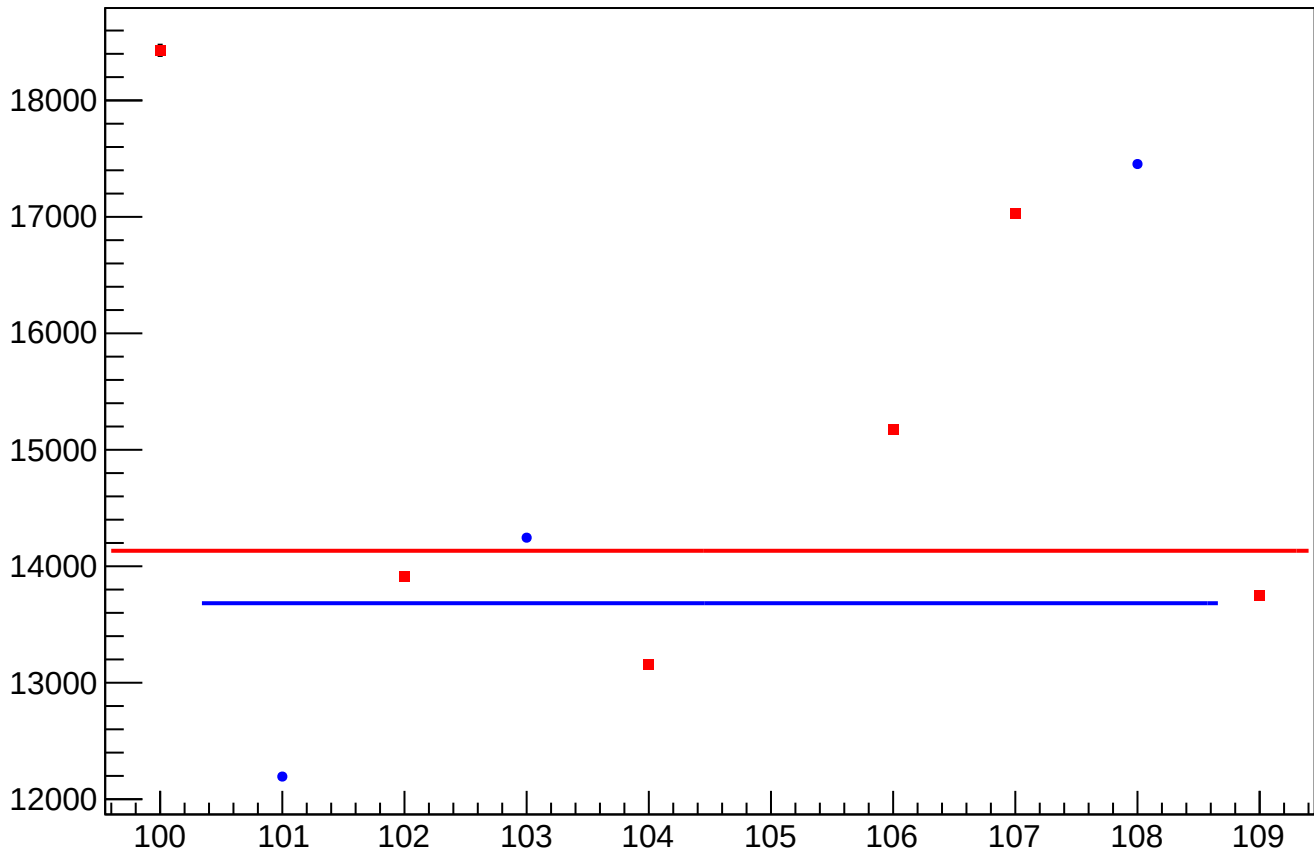
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.046+/-7.024 χ^2/NDF : 9.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



Right In: 13682.761+/-7.590 χ^2/NDF : 58183.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14133.041+/-6.568 χ^2/NDF : 31701.9/5

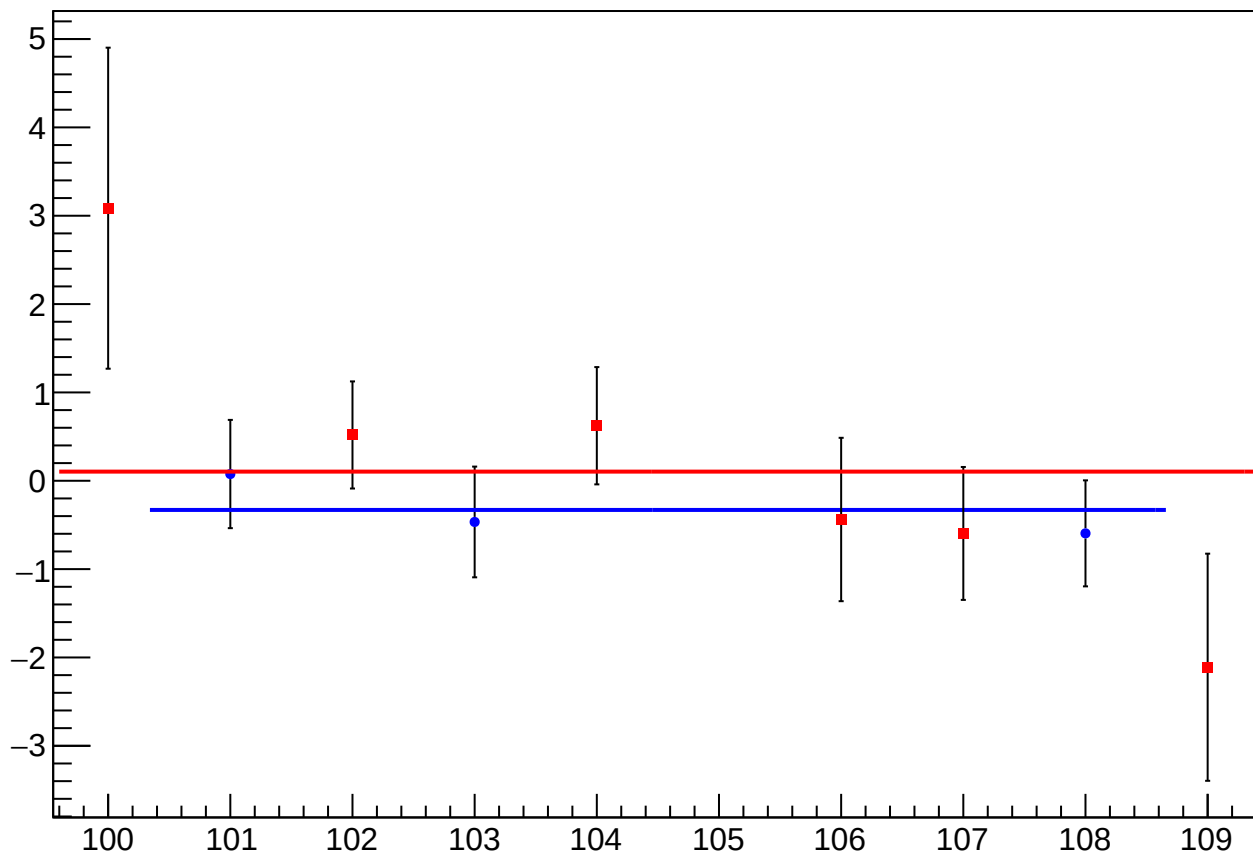
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13940.254+/-4.966 χ^2/NDF : 91897.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.330 $\pm$ 0.354 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.104 $\pm$ 0.336 χ^2 /NDF: 7.9/5

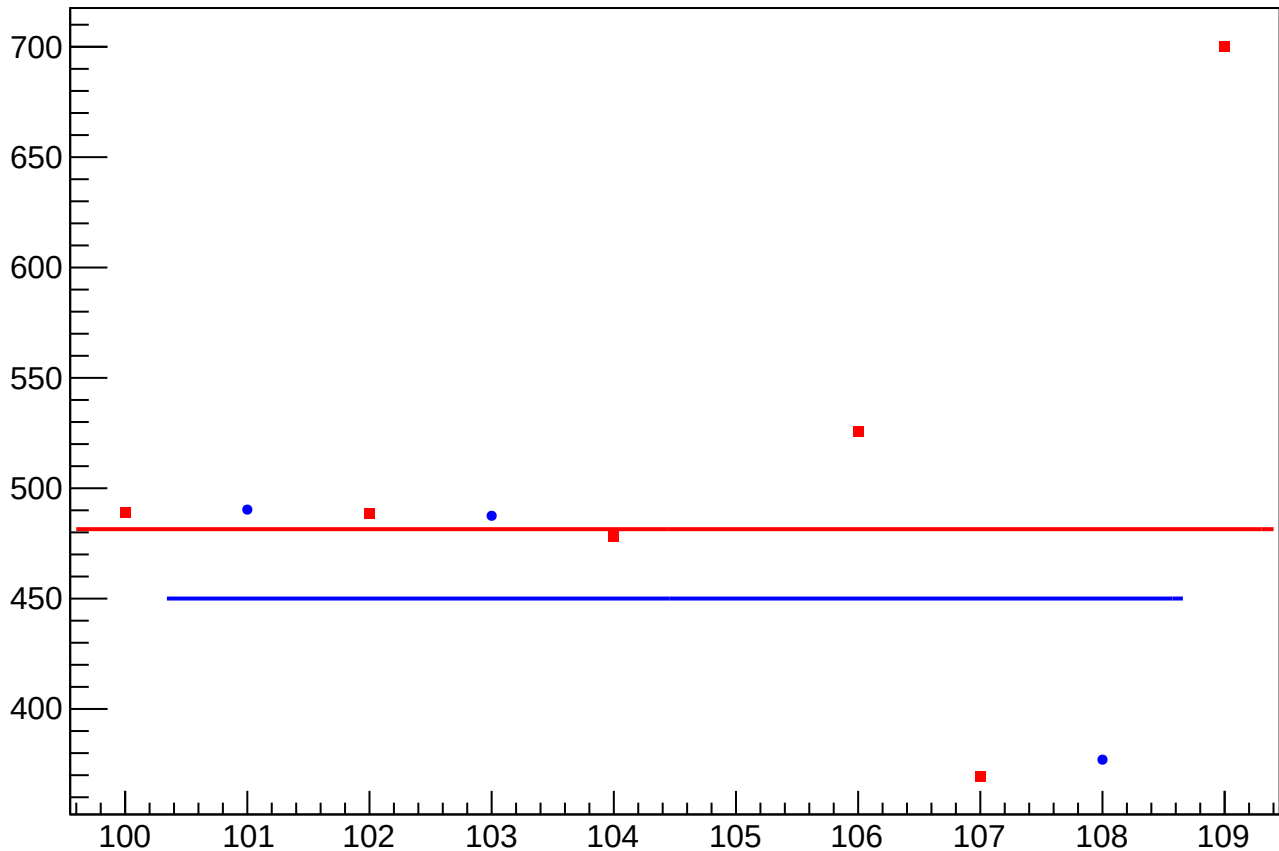
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.102 $\pm$ 0.244 χ^2 /NDF: 9.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 450.033+/-0.250 χ^2/NDF : 45416.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 481.456+/-0.238 χ^2/NDF : 107173.9/5

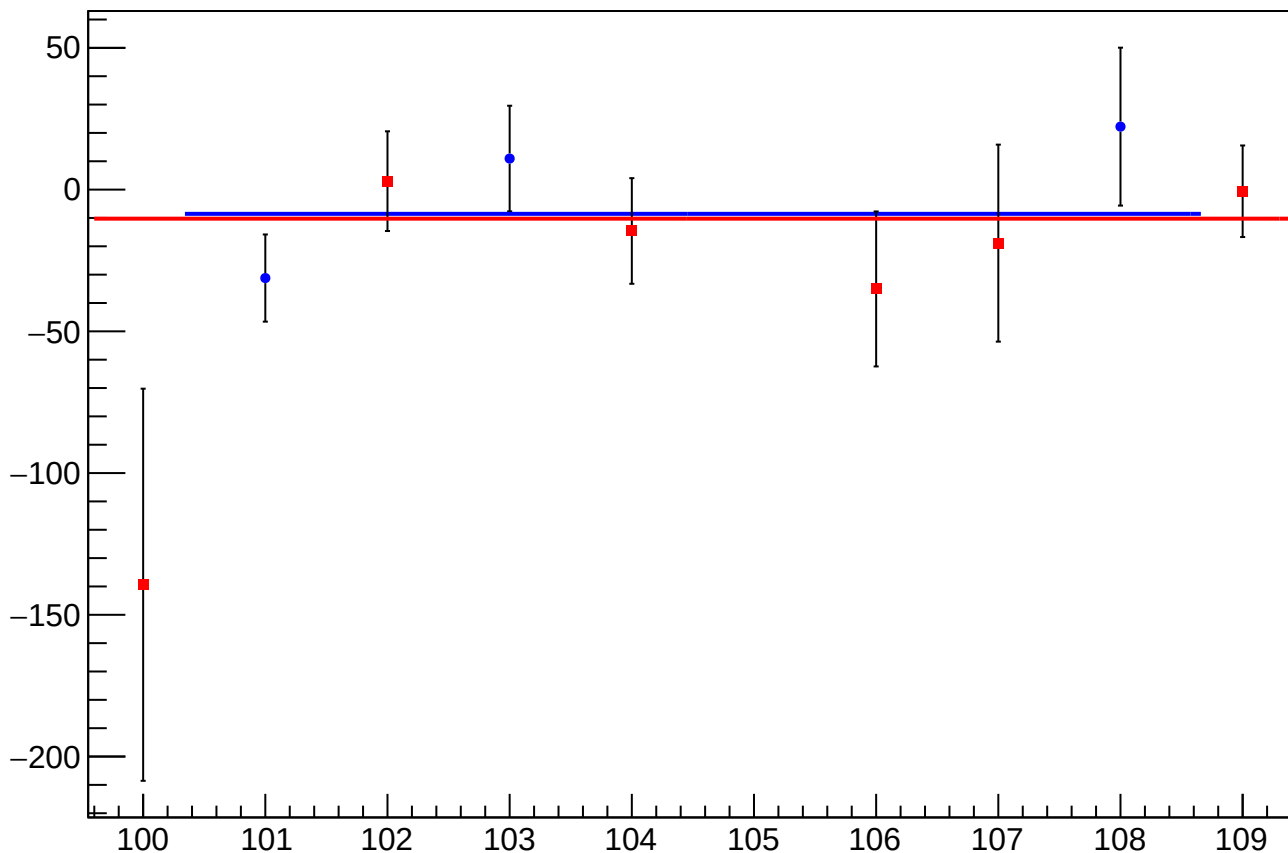
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 466.536+/-0.172 χ^2/NDF : 160875.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_mean vs Slug



Right In: -8.547+/-10.912 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.251+/-9.009 χ^2/NDF : 5.3/5

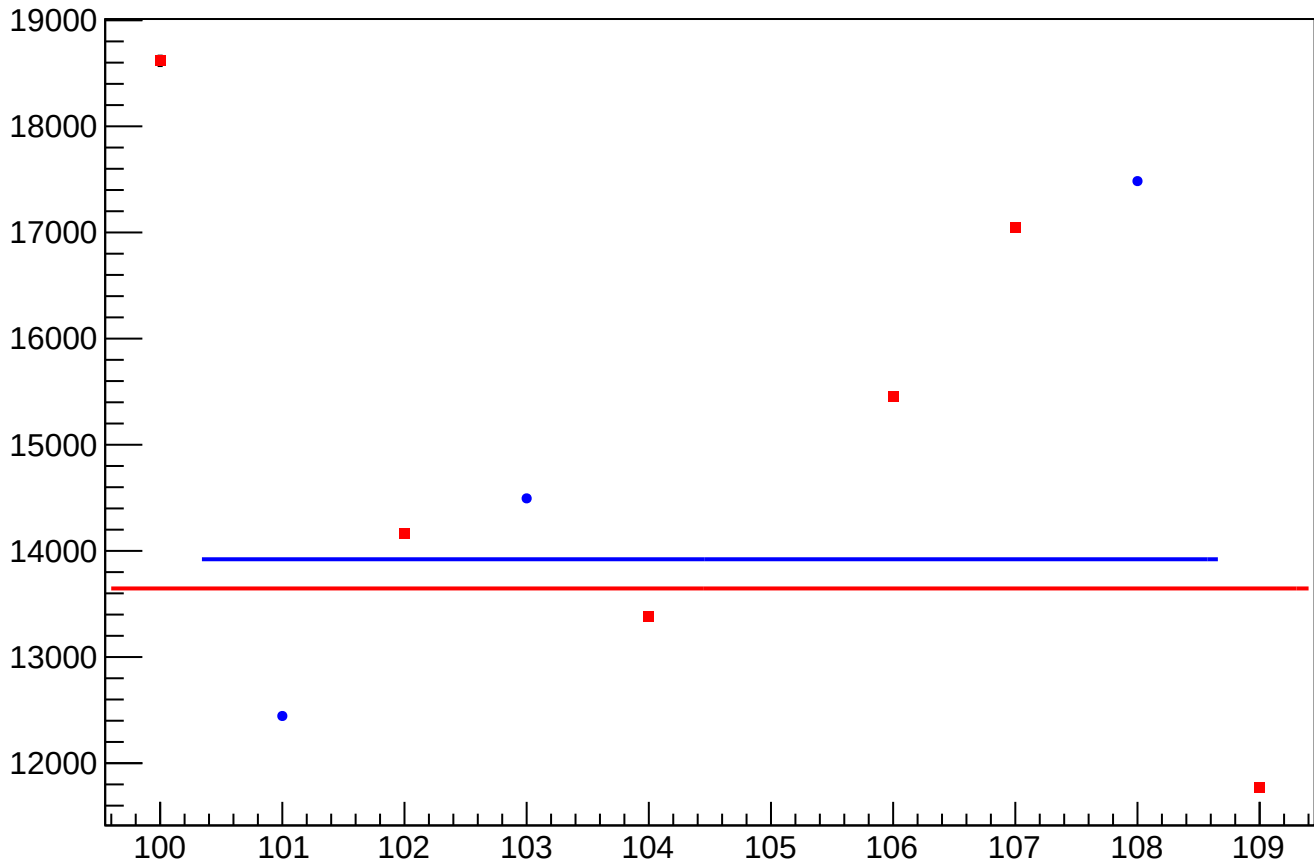
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.561+/-6.947 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_rms vs Slug



Right In: 13921.200+/-7.716 χ^2/NDF : 53054.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13646.152+/-6.370 χ^2/NDF : 67349.5/5

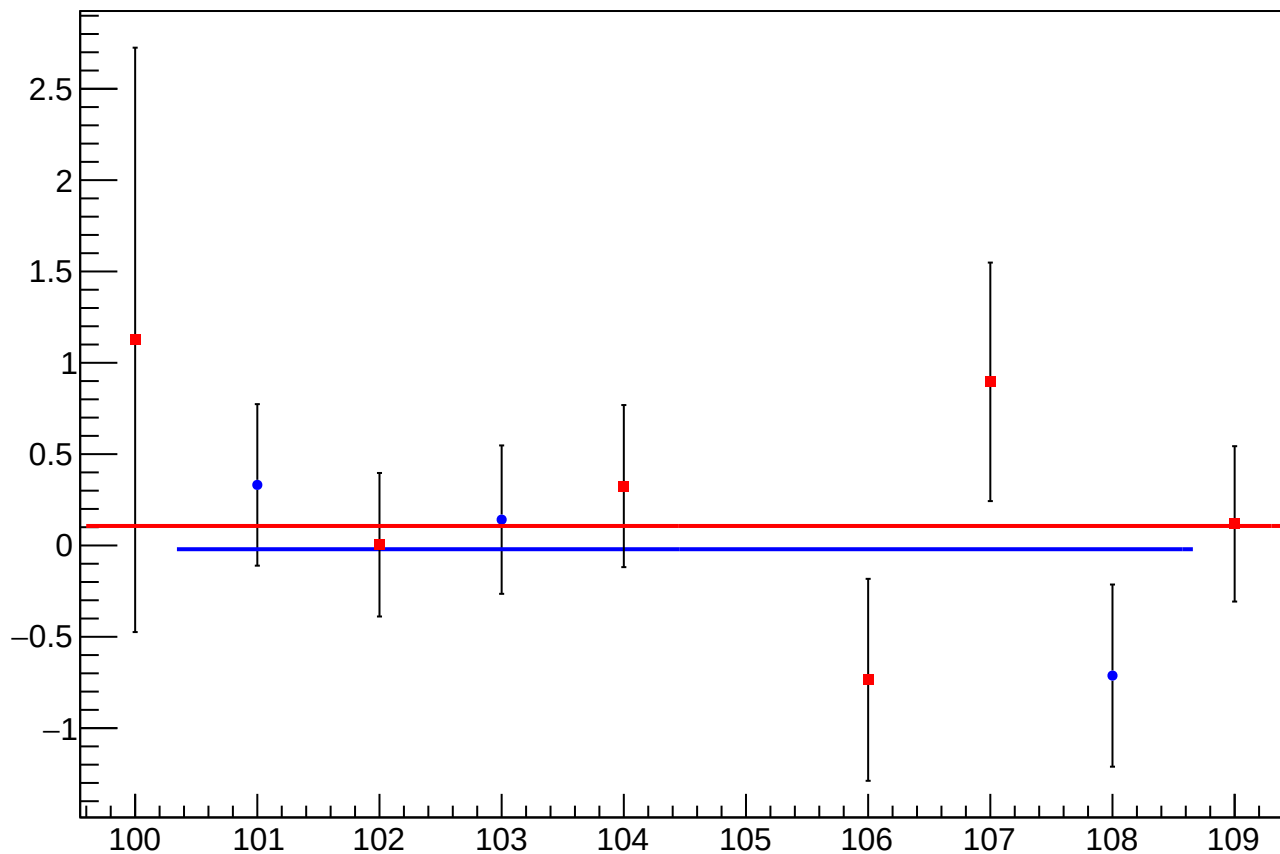
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13757.639+/-4.912 χ^2/NDF : 121159.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: -0.021 ± 0.257 χ^2/NDF : 2.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.107 ± 0.208 χ^2/NDF : 4.5/5

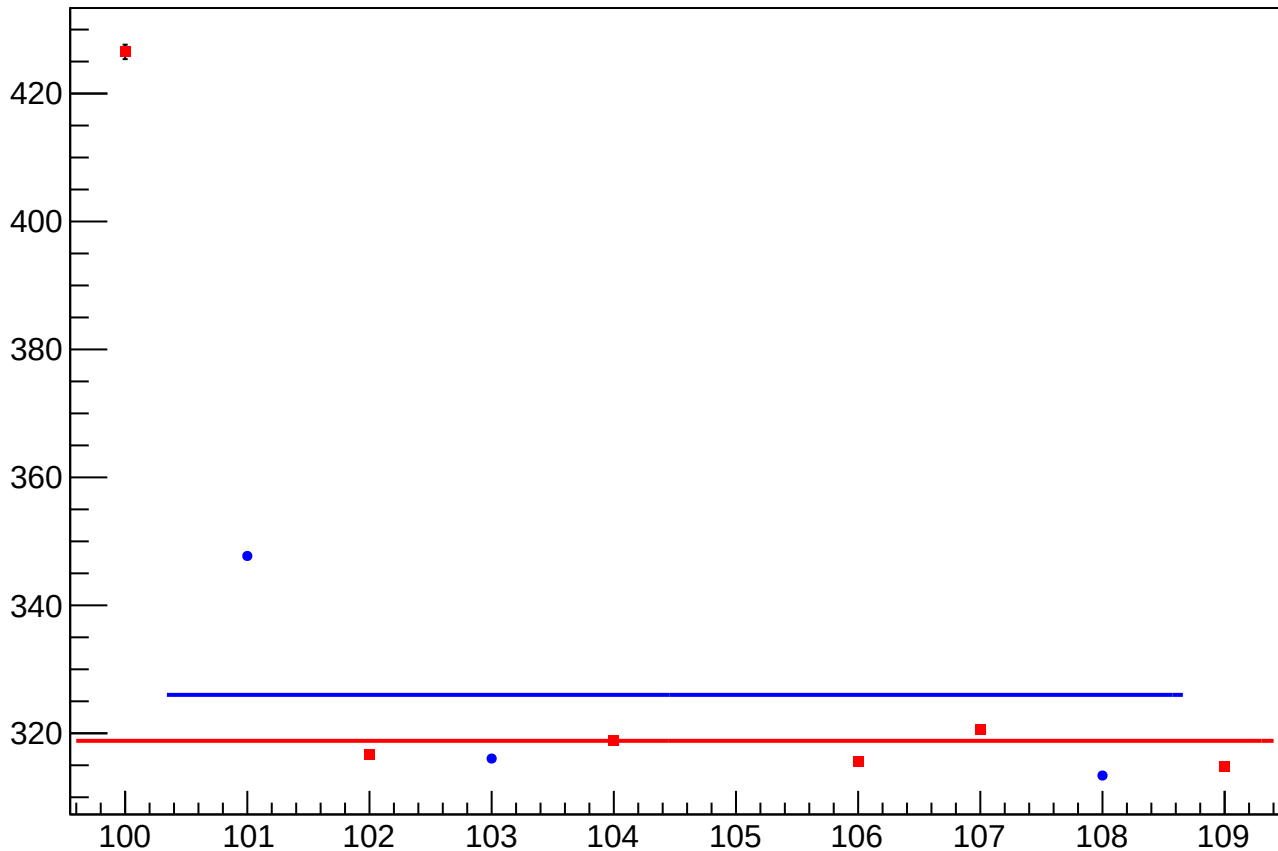
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.056 ± 0.162 χ^2/NDF : 7.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 326.006 $\pm$ 0.181 χ^2 /NDF: 7304.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 318.822 $\pm$ 0.147 χ^2 /NDF: 9379.9/5

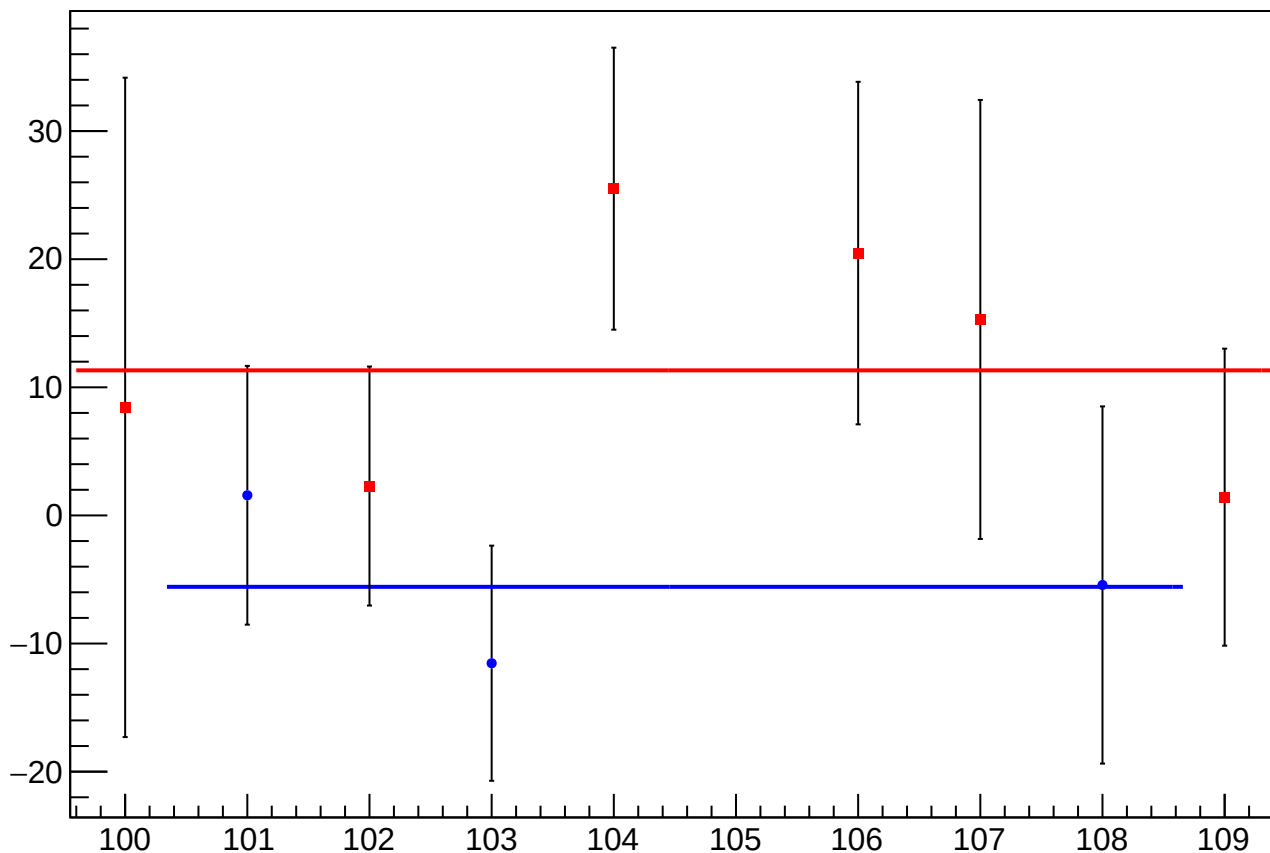
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 321.673 $\pm$ 0.114 χ^2 /NDF: 17630.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: -5.574+/-6.106 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.323+/-5.150 χ^2/NDF : 3.9/5

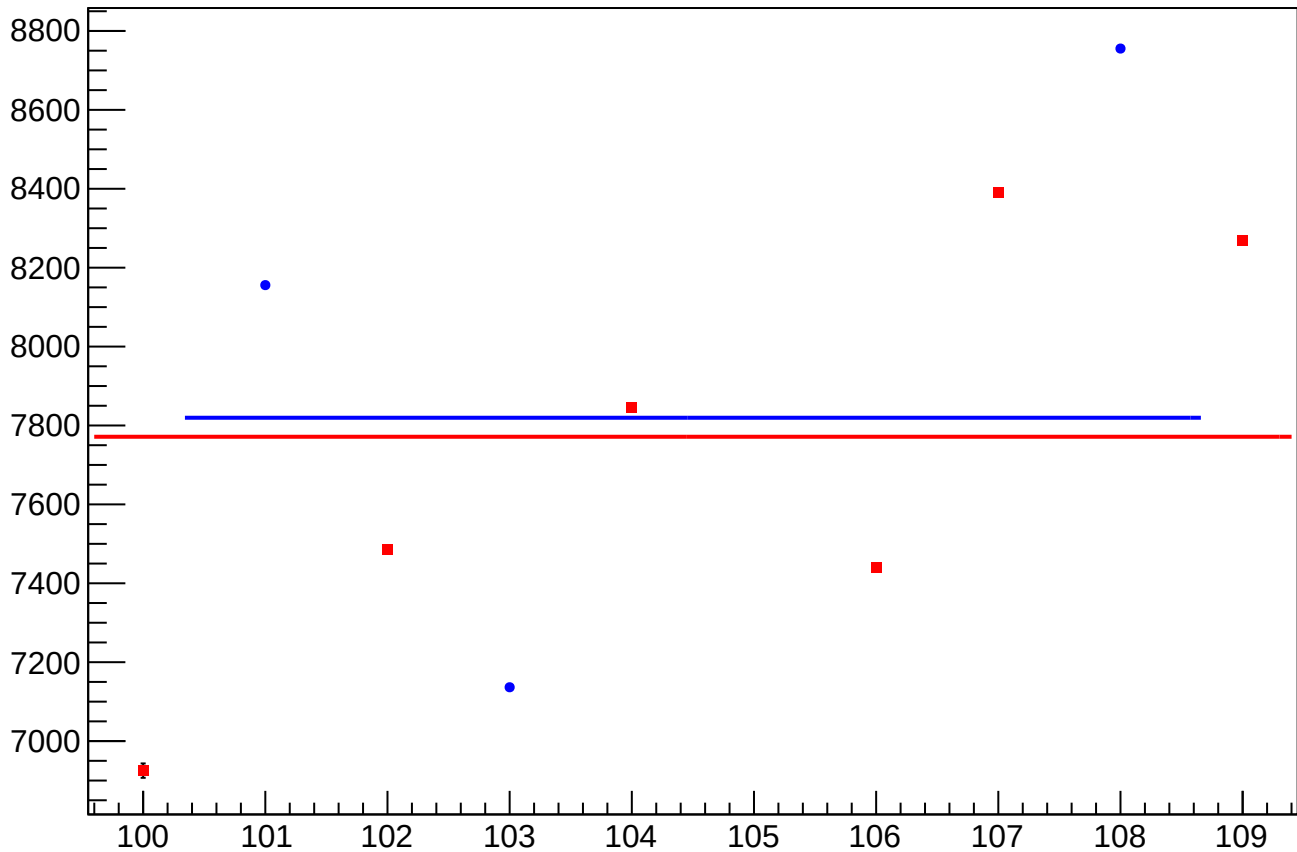
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.299+/-3.937 χ^2/NDF : 9.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



Right In: 7819.607 $\pm$ 4.317 χ^2 /NDF: 22311.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7771.428 $\pm$ 3.642 χ^2 /NDF: 11642.5/5

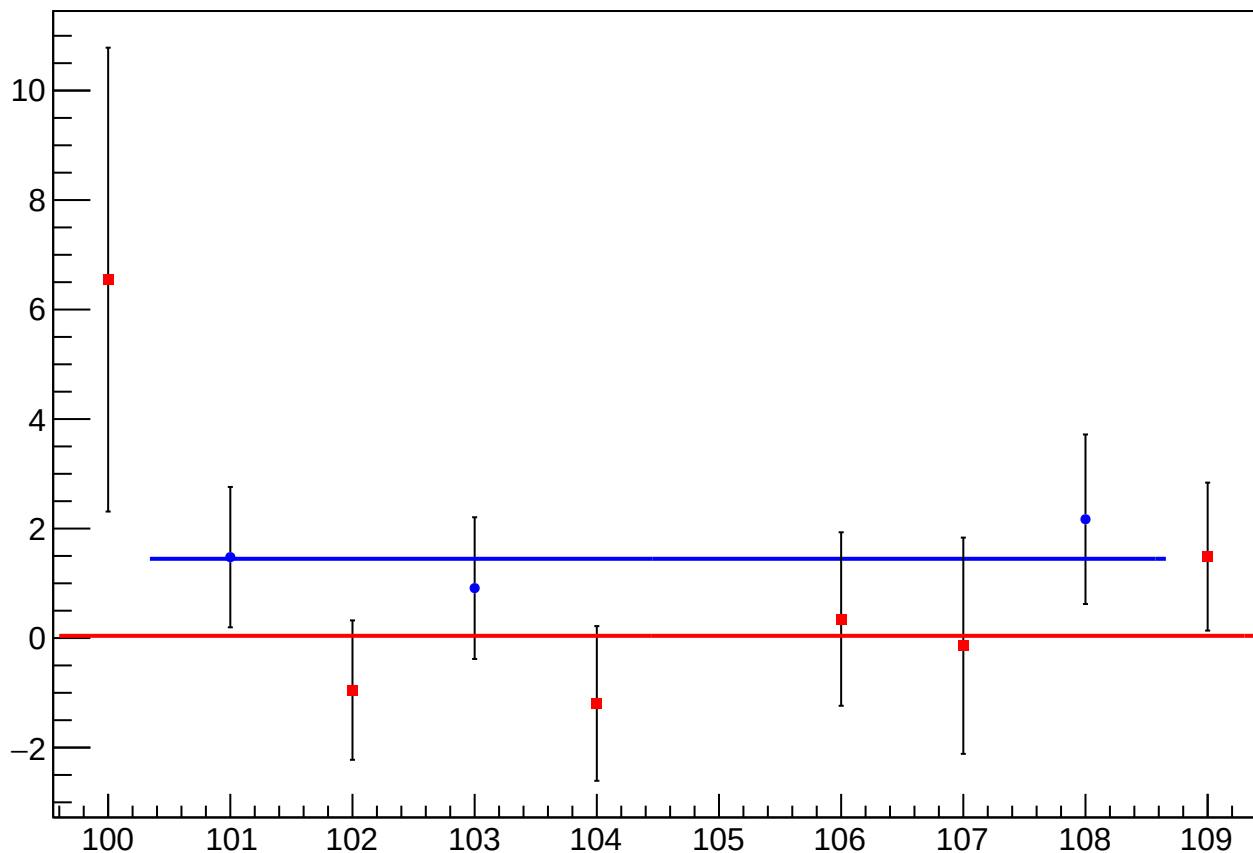
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7791.456 $\pm$ 2.784 χ^2 /NDF: 34026.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 1.448 $\pm$ 0.785 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.041 $\pm$ 0.649 χ^2 /NDF: 4.9/5

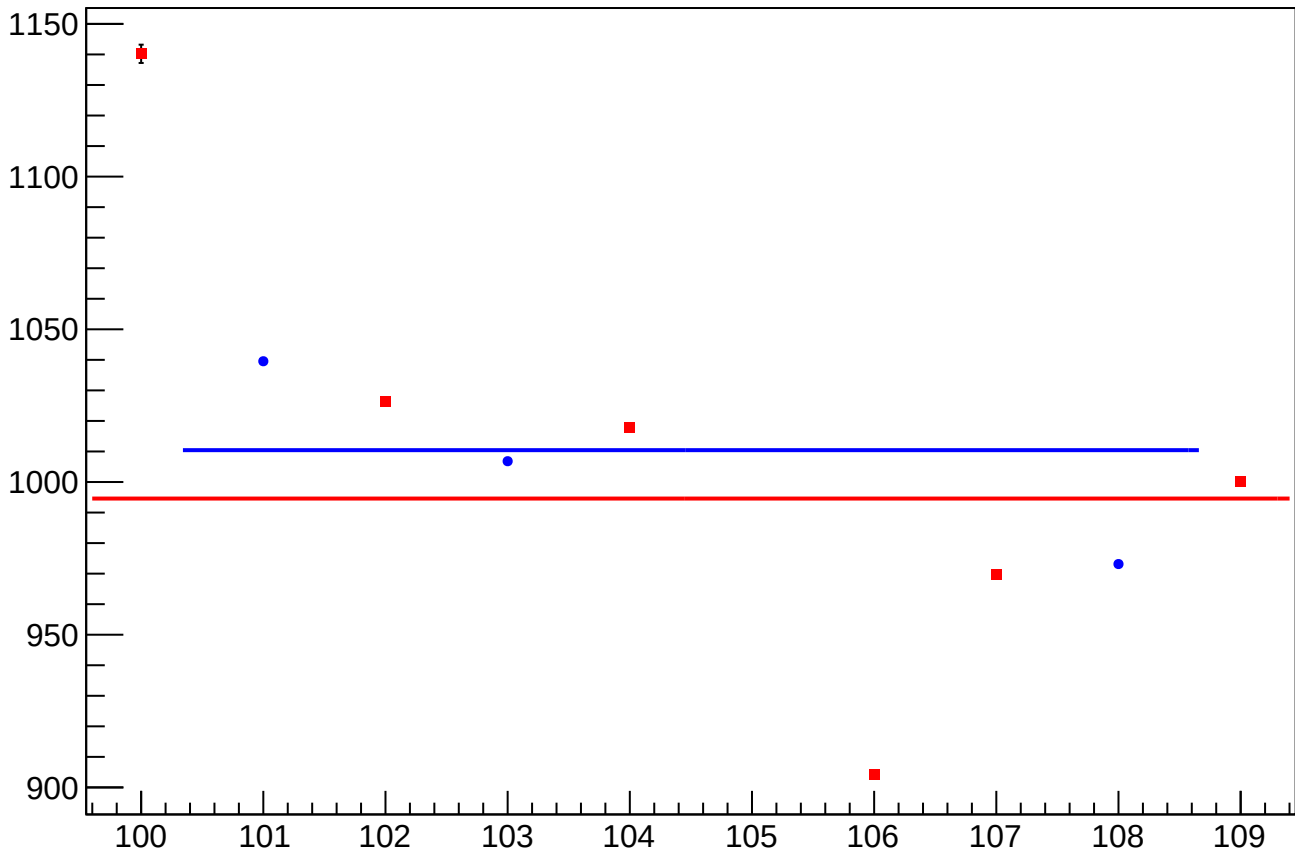
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.612 $\pm$ 0.500 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 1010.430+/-0.555 χ^2/NDF : 2207.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 994.584+/-0.459 χ^2/NDF : 10997.1/5

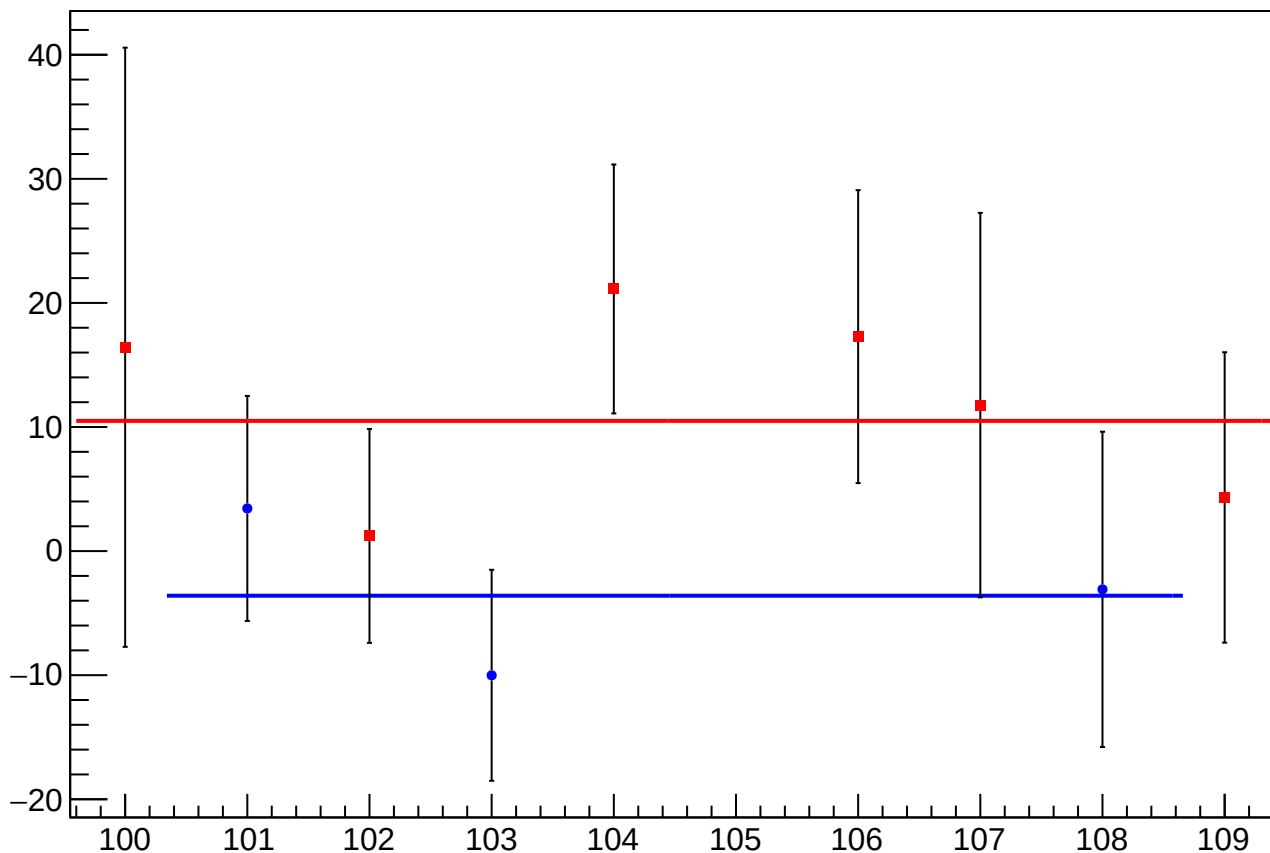
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1001.014+/-0.354 χ^2/NDF : 13688.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: -3.596 $\pm$ 5.573 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.494 $\pm$ 4.781 χ^2 /NDF: 3.0/5

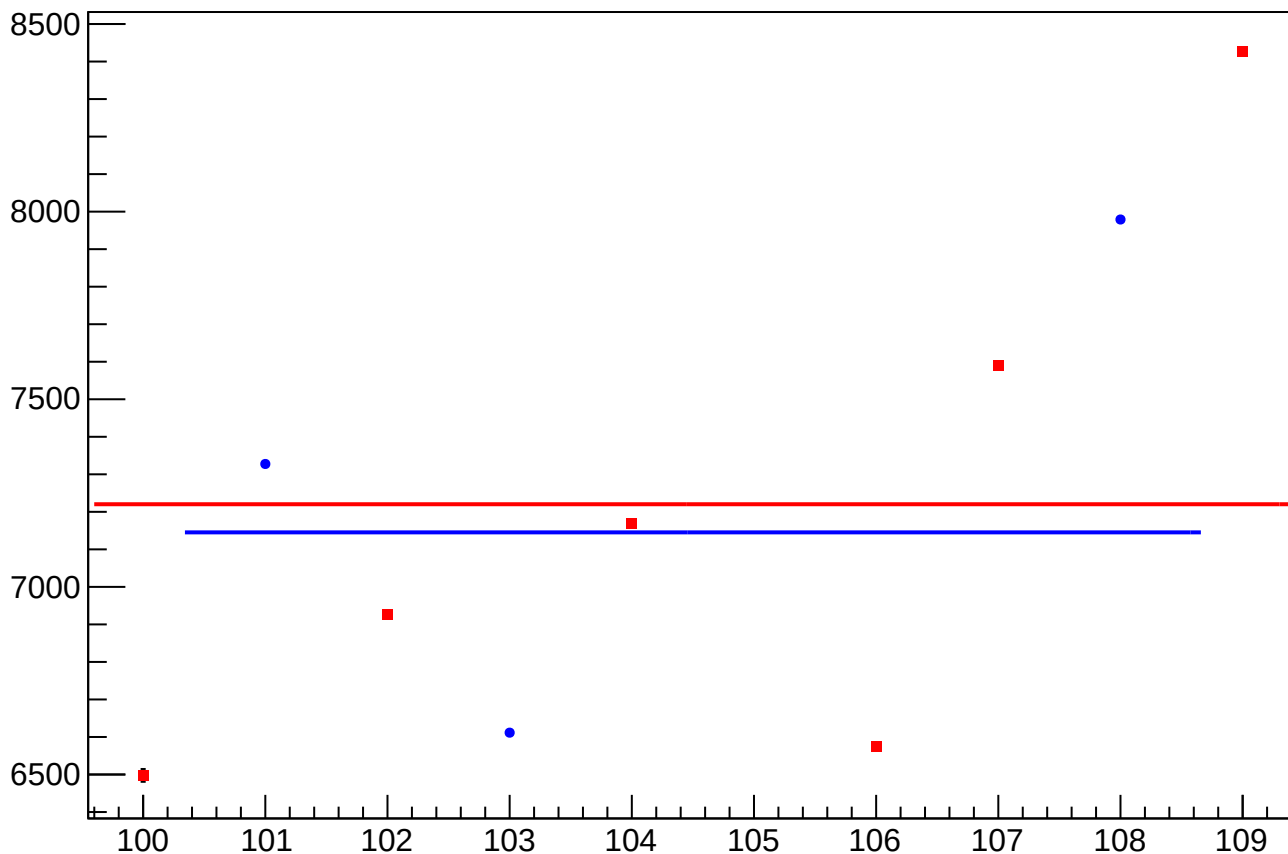
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.522 $\pm$ 3.629 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 7145.278+/-3.941 χ^2/NDF : 17305.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7220.254+/-3.380 χ^2/NDF : 32522.0/5

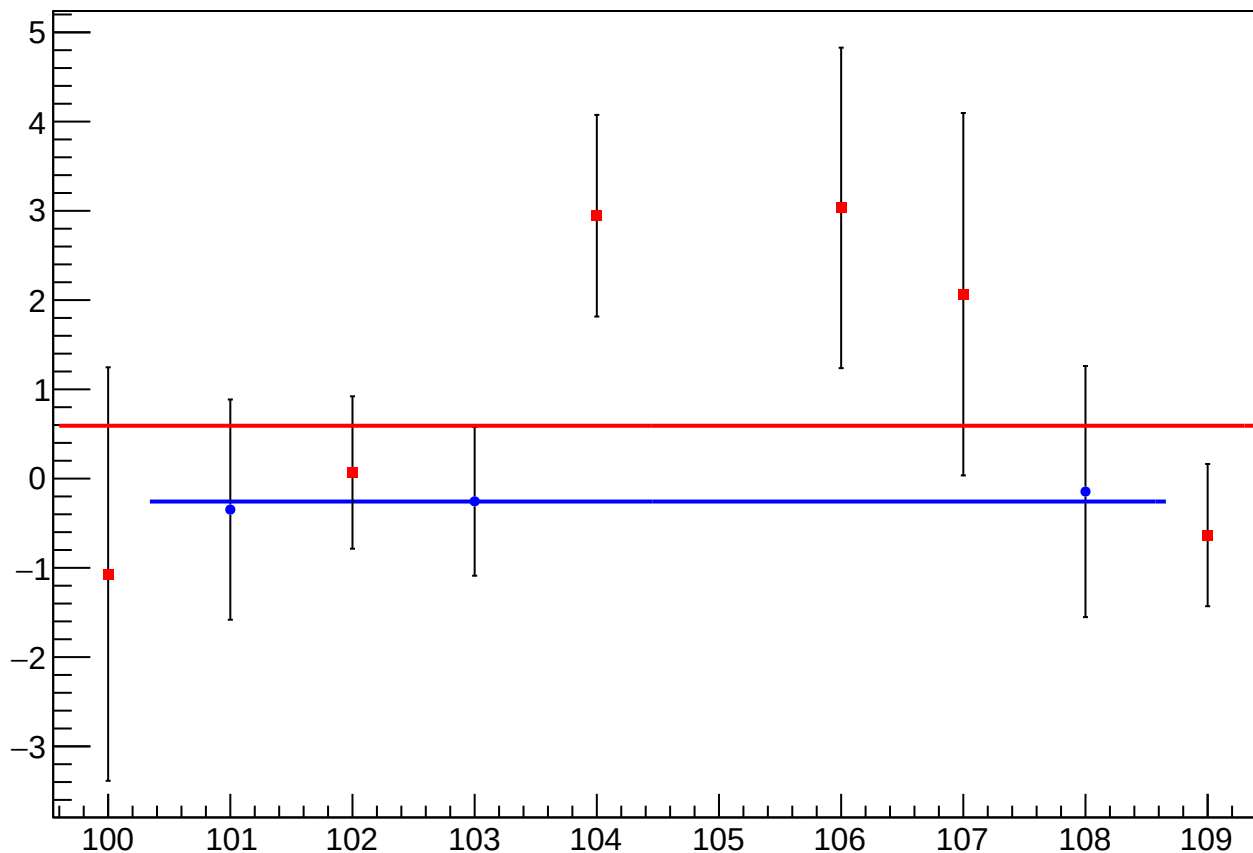
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7188.474+/-2.566 χ^2/NDF : 50035.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: -0.257 $\pm$ 0.620 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.592 $\pm$ 0.473 χ^2 /NDF: 10.0/5

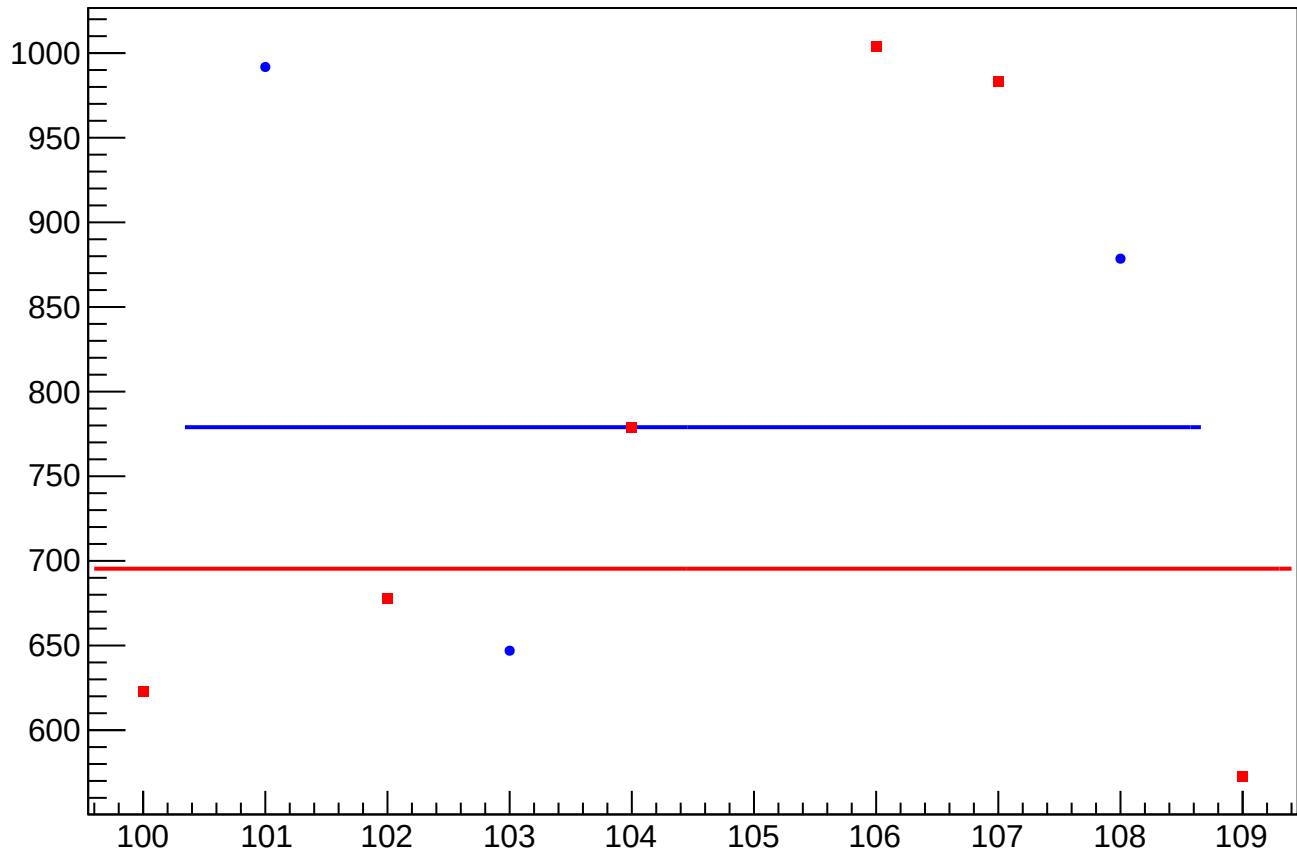
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.280 $\pm$ 0.376 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 778.988+/-0.438 χ^2/NDF : 119708.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 695.385+/-0.334 χ^2/NDF : 160623.5/5

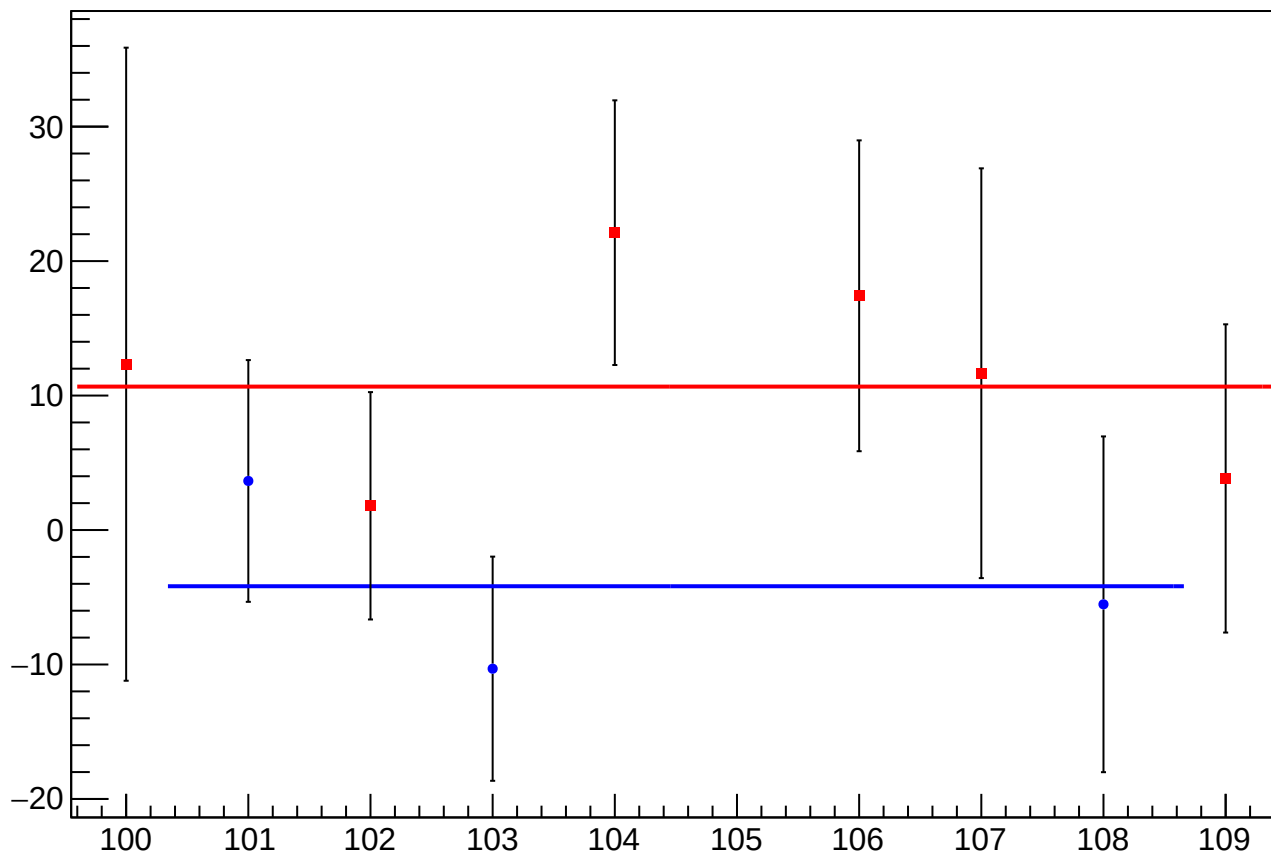
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 726.144+/-0.266 χ^2/NDF : 303318.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -4.180+/-5.490 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.667+/-4.687 χ^2/NDF : 3.2/5

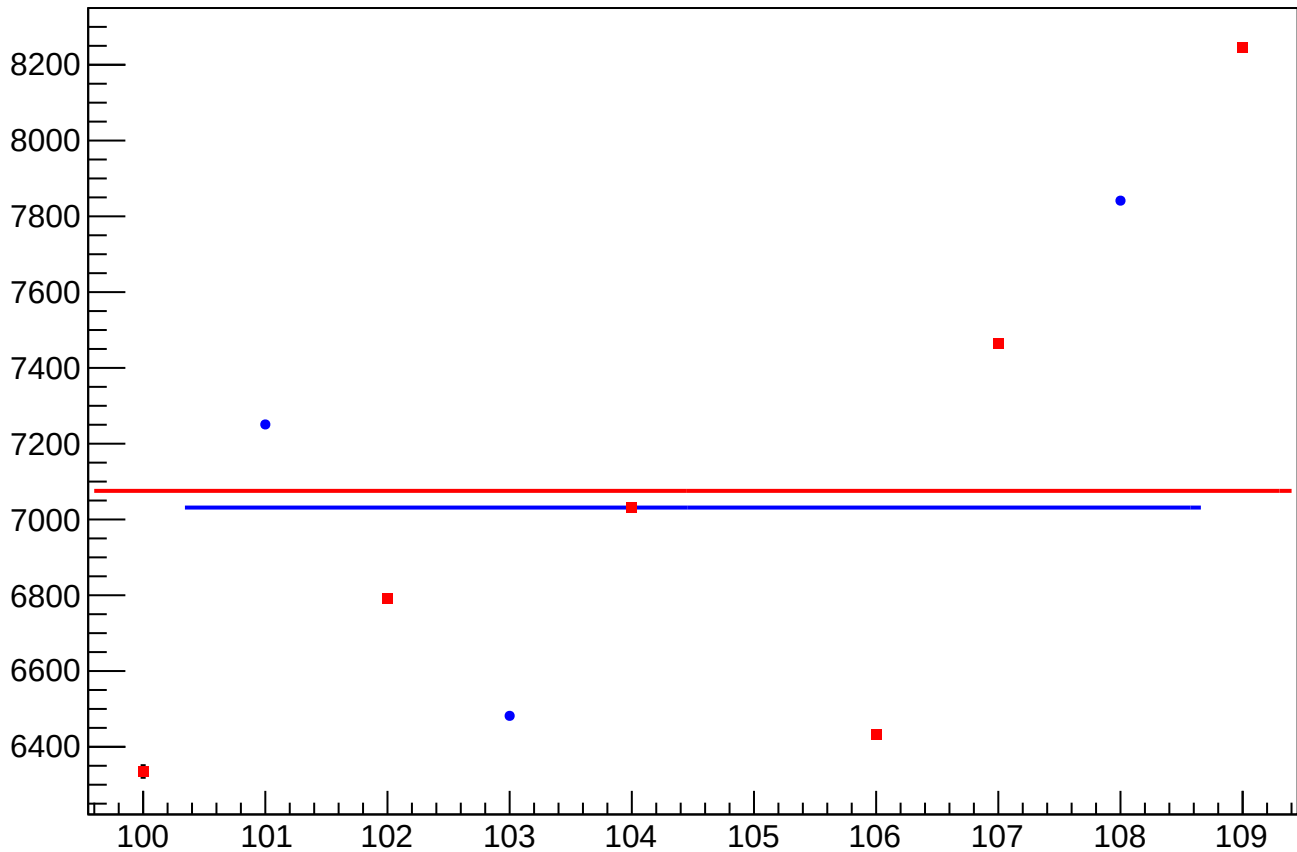
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.408+/-3.564 χ^2/NDF : 8.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



Right In: 7031.438 $\pm$ 3.882 χ^2 /NDF: 18305.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7075.499 $\pm$ 3.314 χ^2 /NDF: 32568.1/5

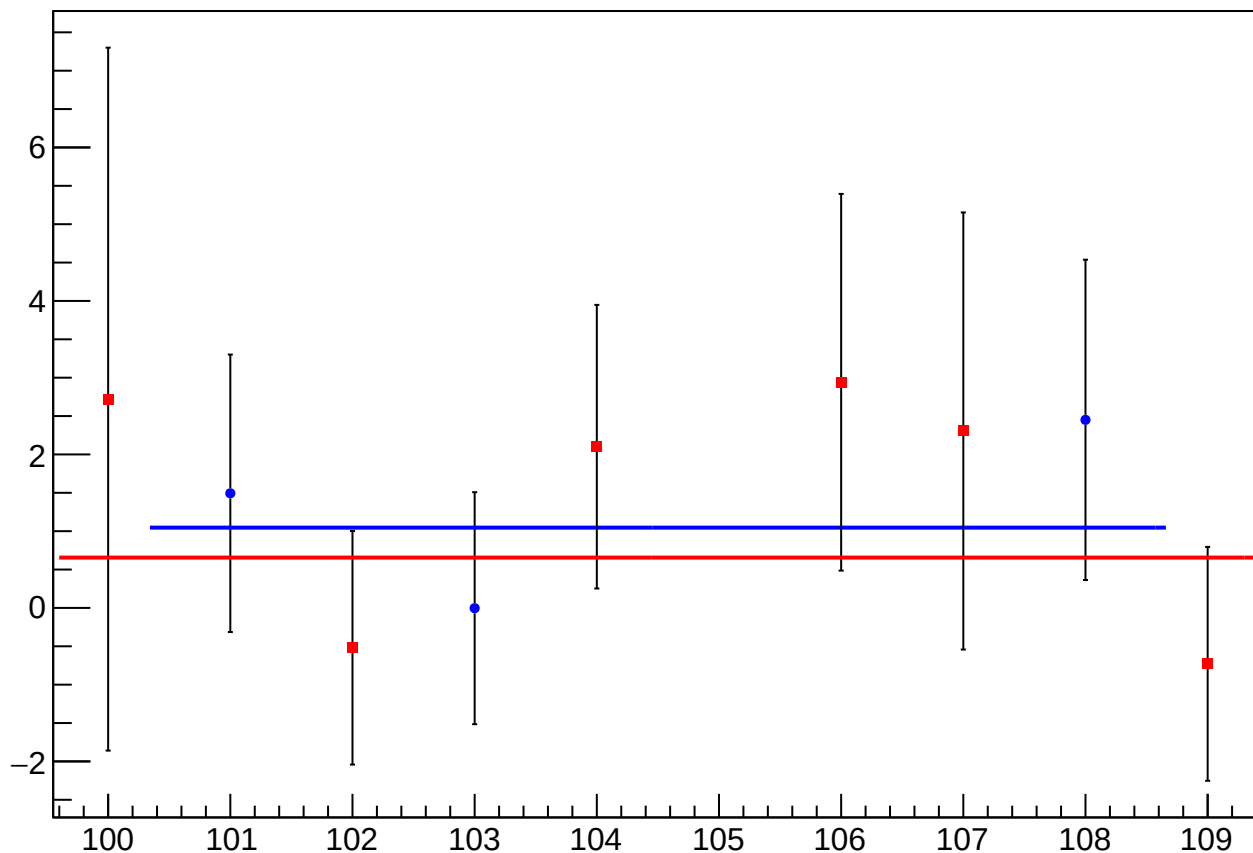
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7056.924 $\pm$ 2.520 χ^2 /NDF: 50947.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

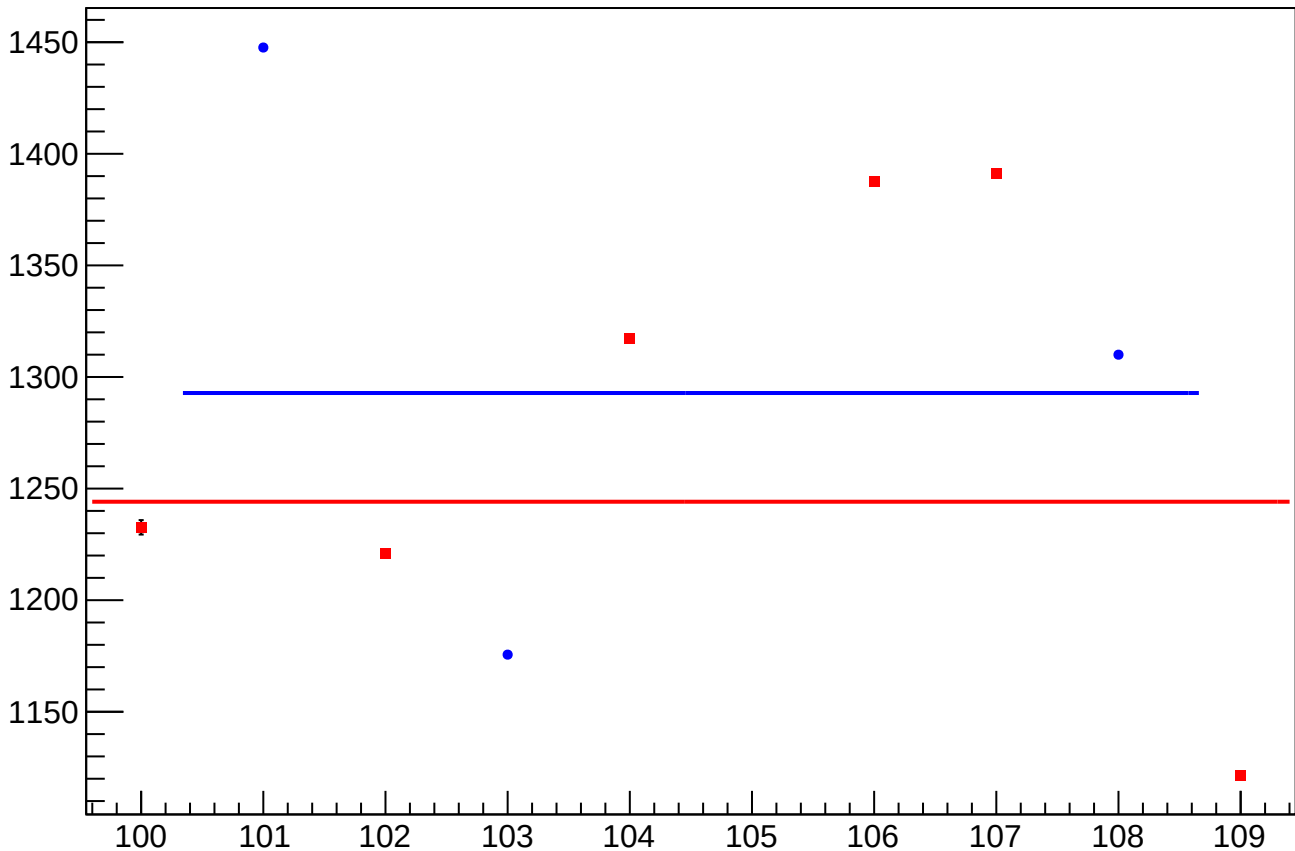
diff_bpm_4aY_4ecY_dd_mean vs Slug



Right In: 1.046 $\pm$ 1.014 χ^2 /NDF: 1.0/2
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 0.656 $\pm$ 0.819 χ^2 /NDF: 3.4/5
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 0.810 $\pm$ 0.637 χ^2 /NDF: 4.5/8
 - sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1292.823+/-0.717 χ^2/NDF : 26825.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1244.113+/-0.579 χ^2/NDF : 28728.2/5

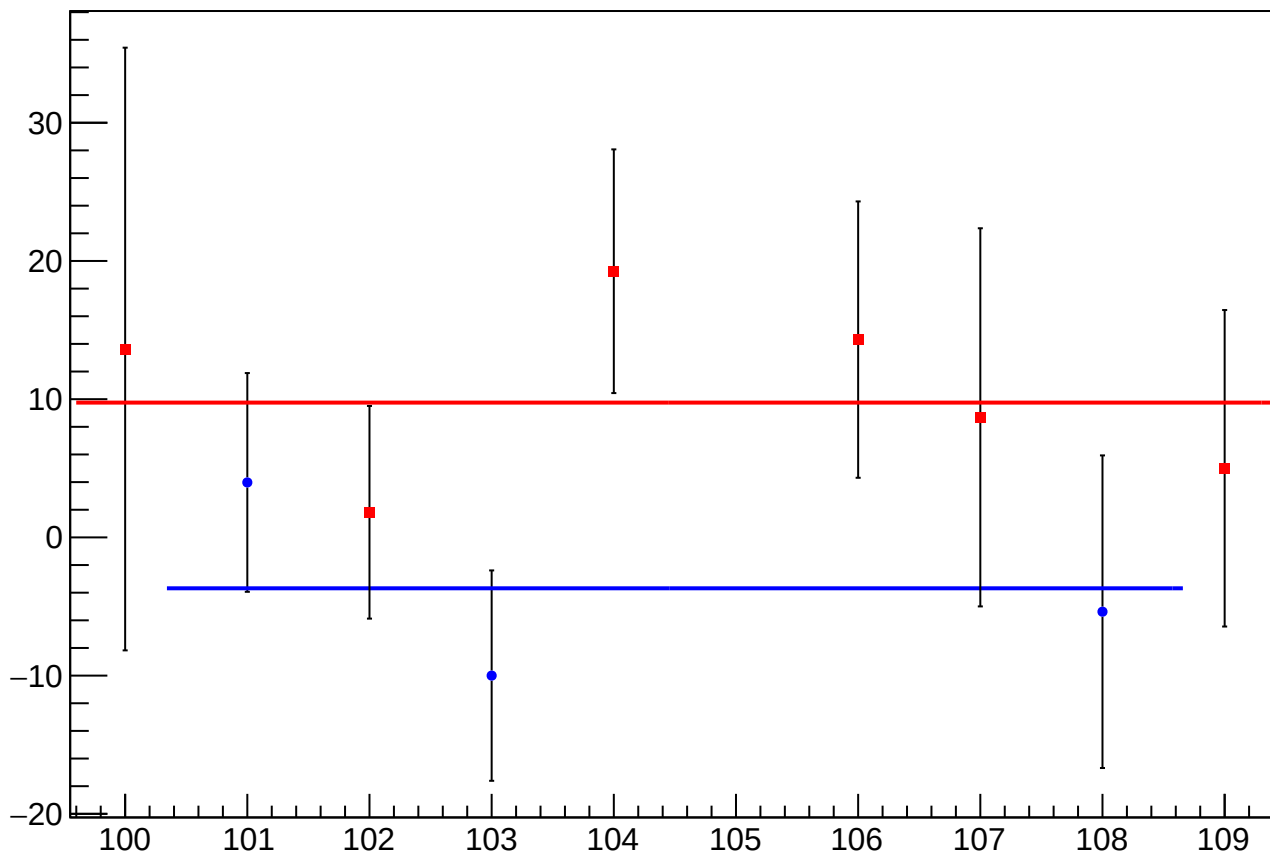
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1263.339+/-0.450 χ^2/NDF : 58349.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_mean vs Slug



Right In: -3.683+/-4.935 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.753+/-4.270 χ^2/NDF : 2.6/5

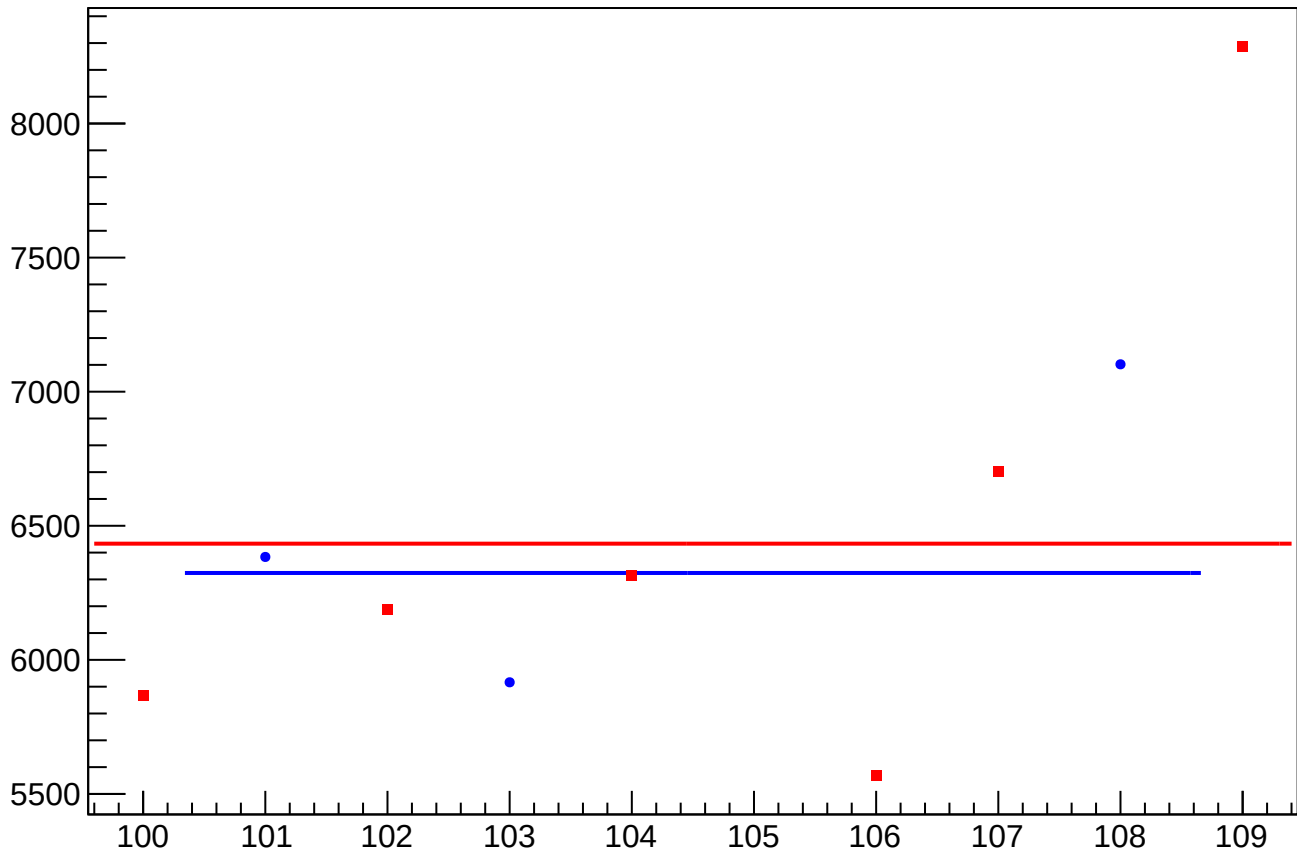
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.001+/-3.229 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 6324.023+/-3.490 χ^2/NDF : 15321.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6433.299+/-3.019 χ^2/NDF : 71909.1/5

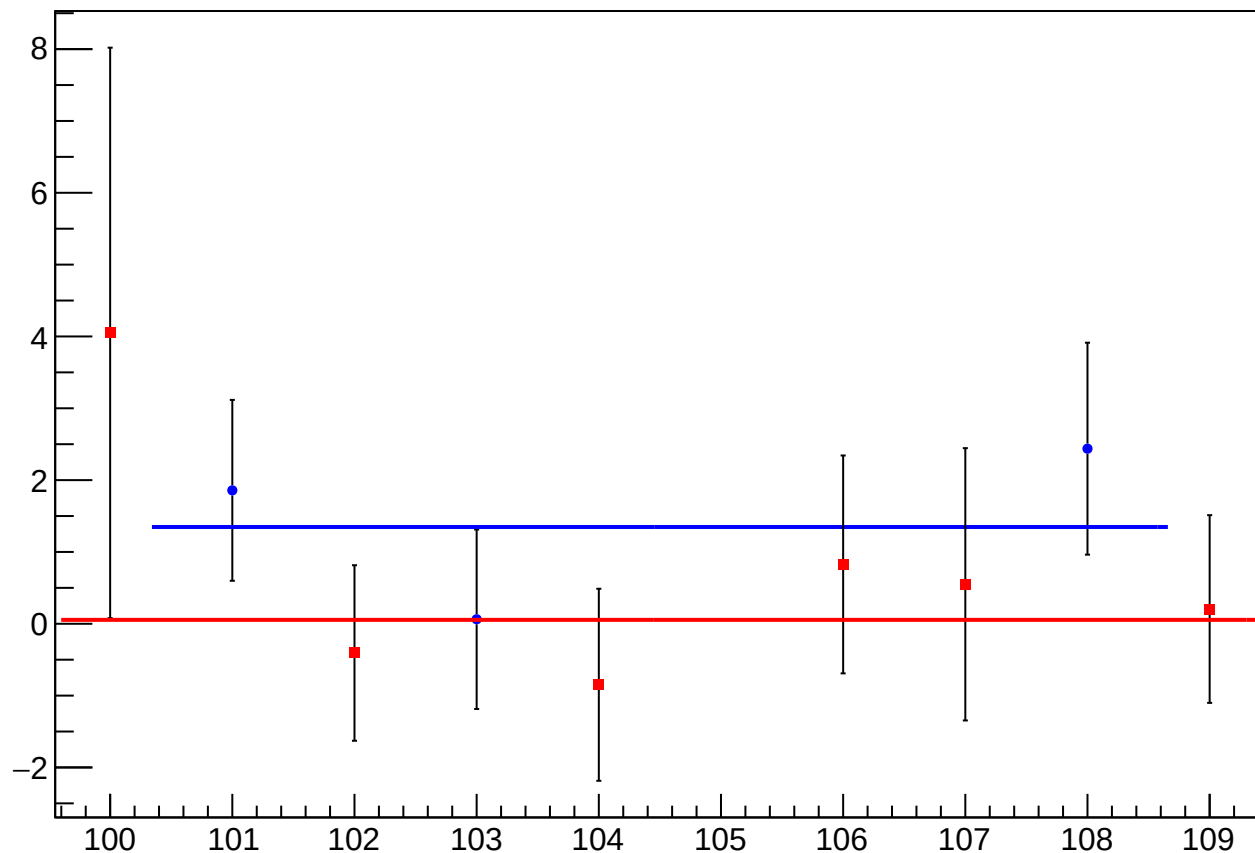
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6386.518+/-2.283 χ^2/NDF : 87791.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 1.347 $\pm$ 0.760 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.055 $\pm$ 0.621 χ^2 /NDF: 2.0/5

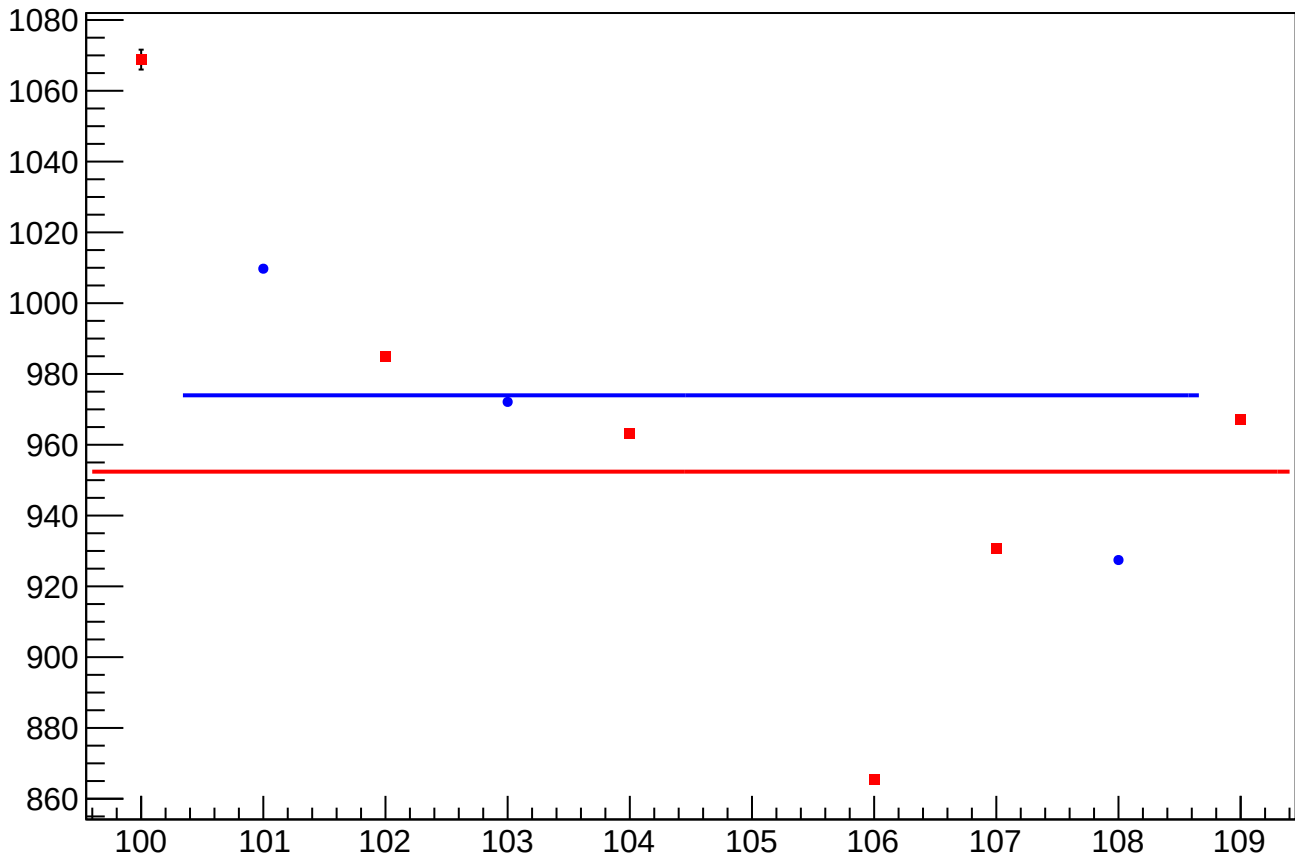
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.572 $\pm$ 0.481 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 973.969 $\pm$ 0.537 χ^2 /NDF: 3608.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 952.404 $\pm$ 0.439 χ^2 /NDF: 10338.5/5

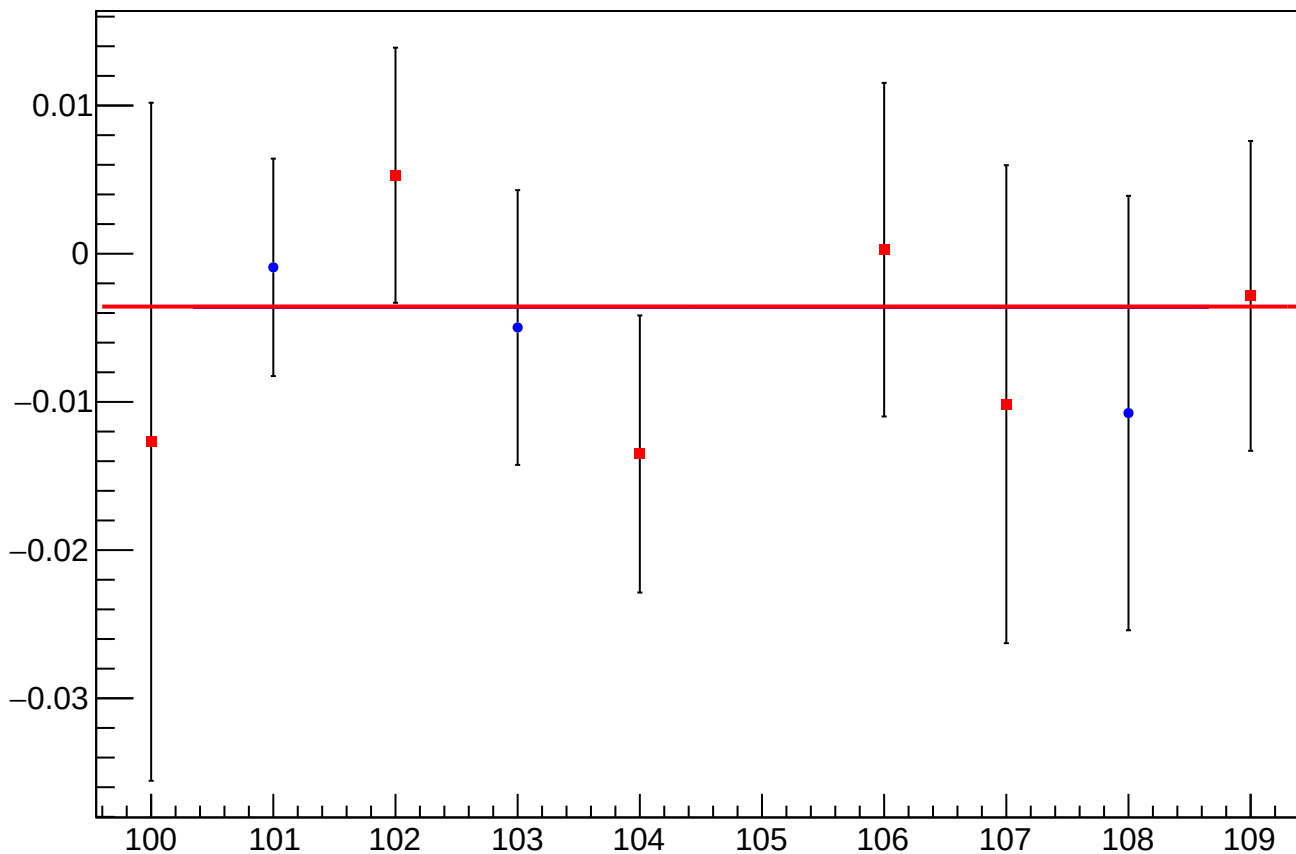
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 961.039 $\pm$ 0.340 χ^2 /NDF: 14912.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_mean vs Slug



Right In: -0.004 $\pm$ 0.005 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.005 χ^2 /NDF: 2.6/5

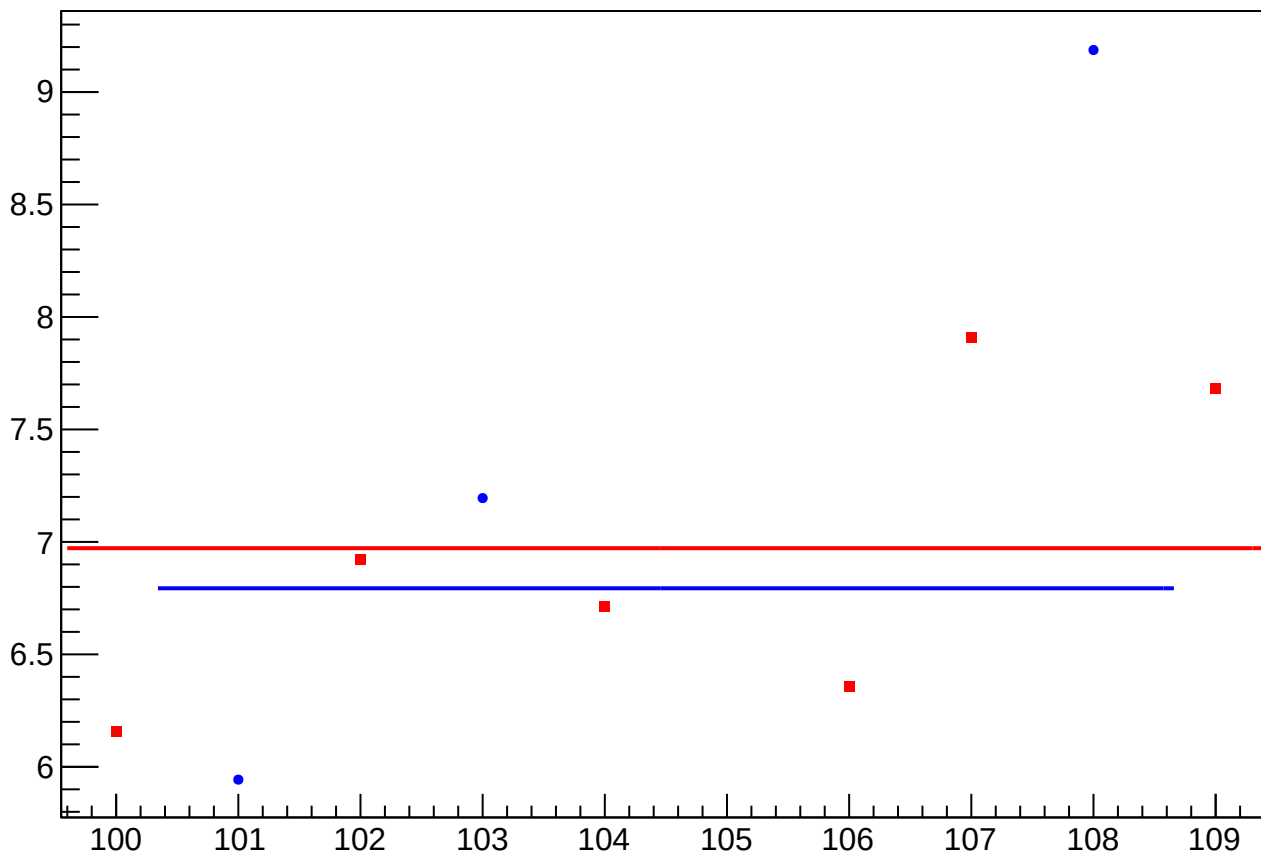
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.003 χ^2 /NDF: 3.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_rms vs Slug



Right In: 6.794 $\pm$ 0.004 χ^2 /NDF: 83948.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.972 $\pm$ 0.003 χ^2 /NDF: 26083.4/5

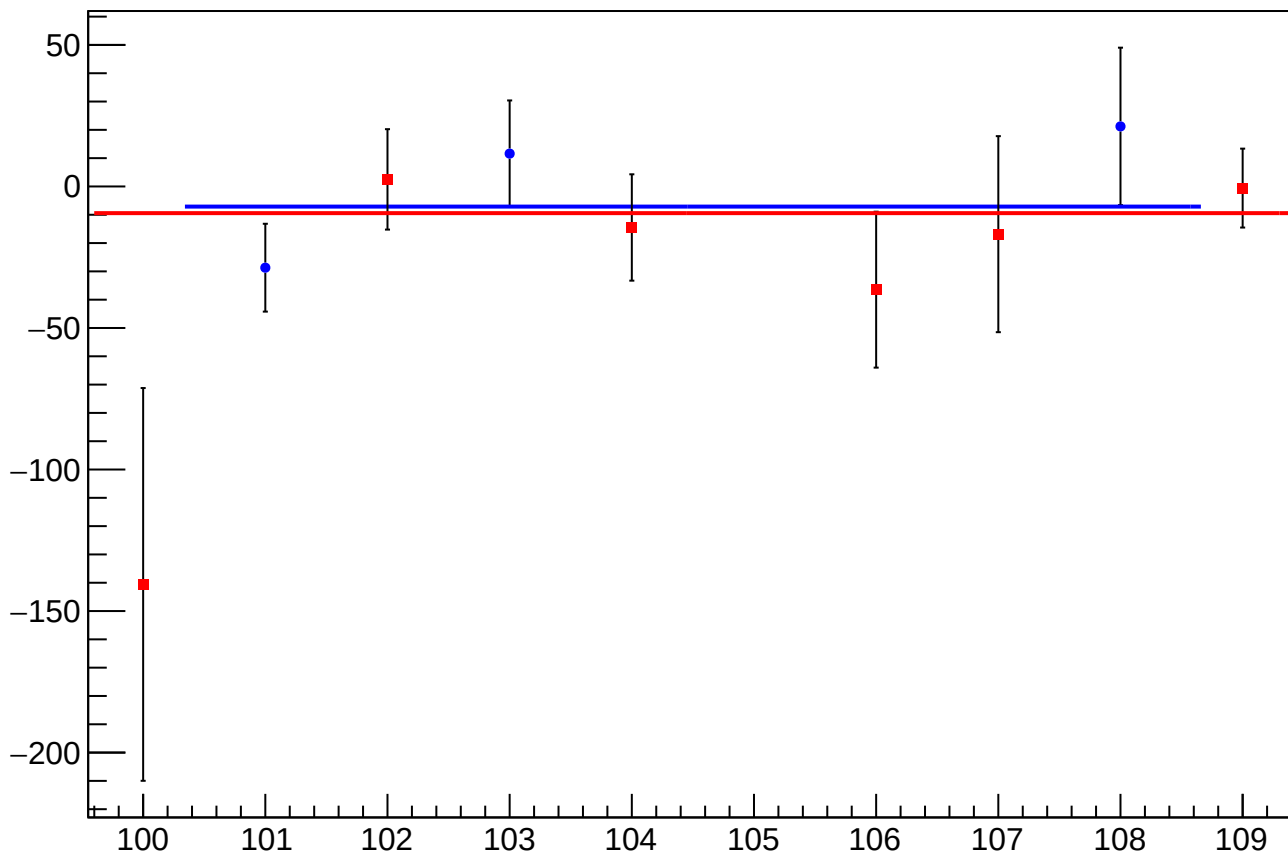
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.897 $\pm$ 0.002 χ^2 /NDF: 111312.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_mean vs Slug



Right In: -7.112 $\pm$ 10.990 χ^2 /NDF: 4.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.425 $\pm$ 8.601 χ^2 /NDF: 5.5/5

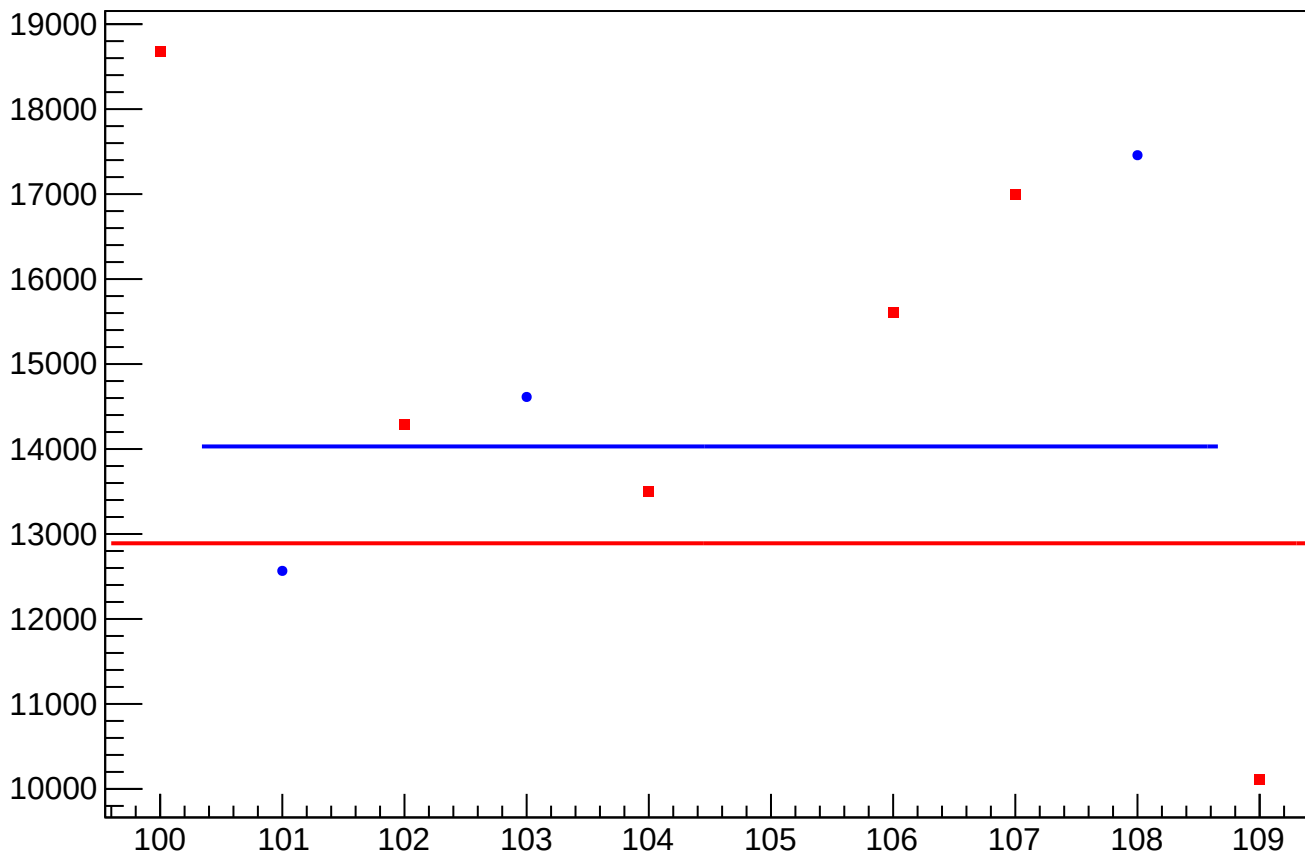
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.546 $\pm$ 6.773 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_rms vs Slug



Right In: 14030.292+/-7.771 χ^2/NDF : 50105.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

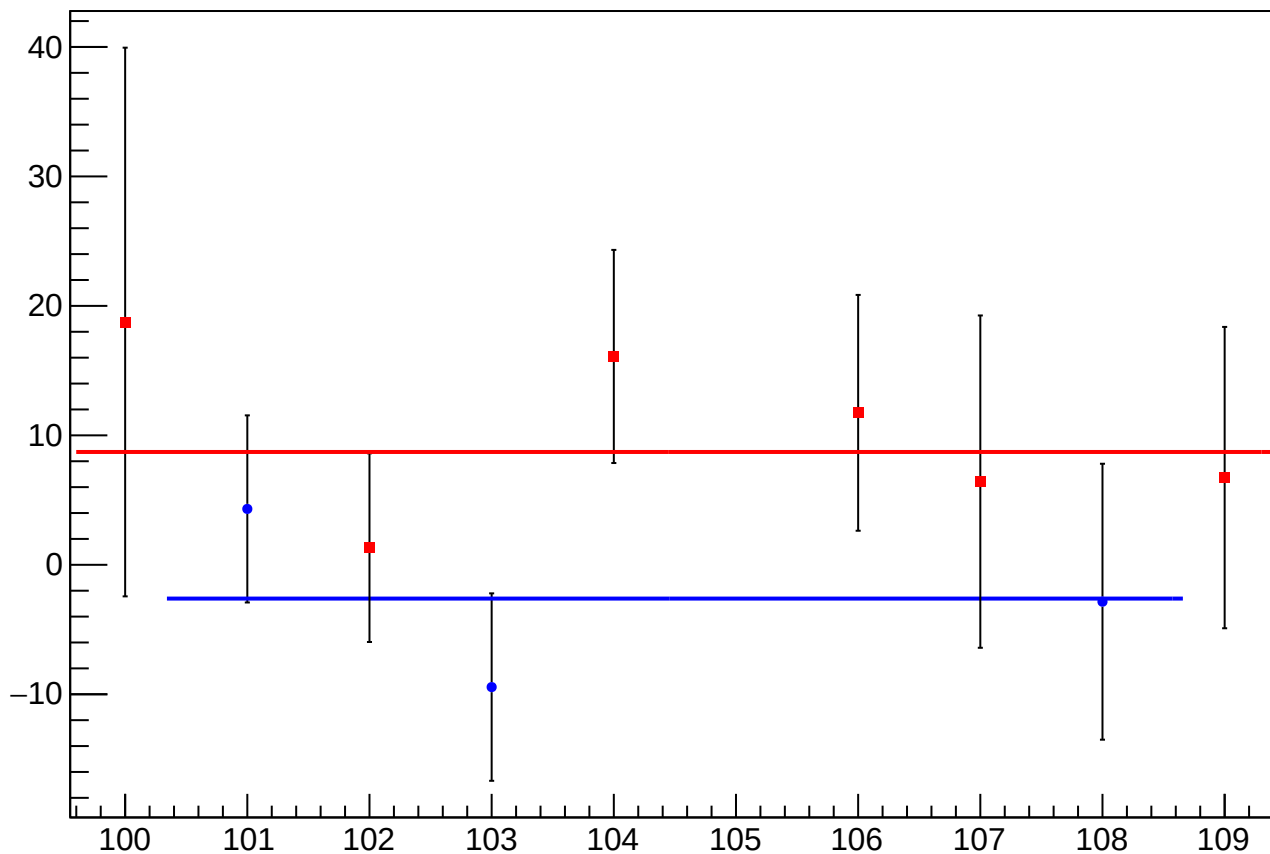
Right Out: 12890.607+/-6.082 χ^2/NDF : 155558.7/5

All: 13323.515+/-4.789 χ^2/NDF : 219003.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_mean vs Slug



Right In: -2.608 $\pm$ 4.611 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.716 $\pm$ 4.038 χ^2 /NDF: 2.2/5

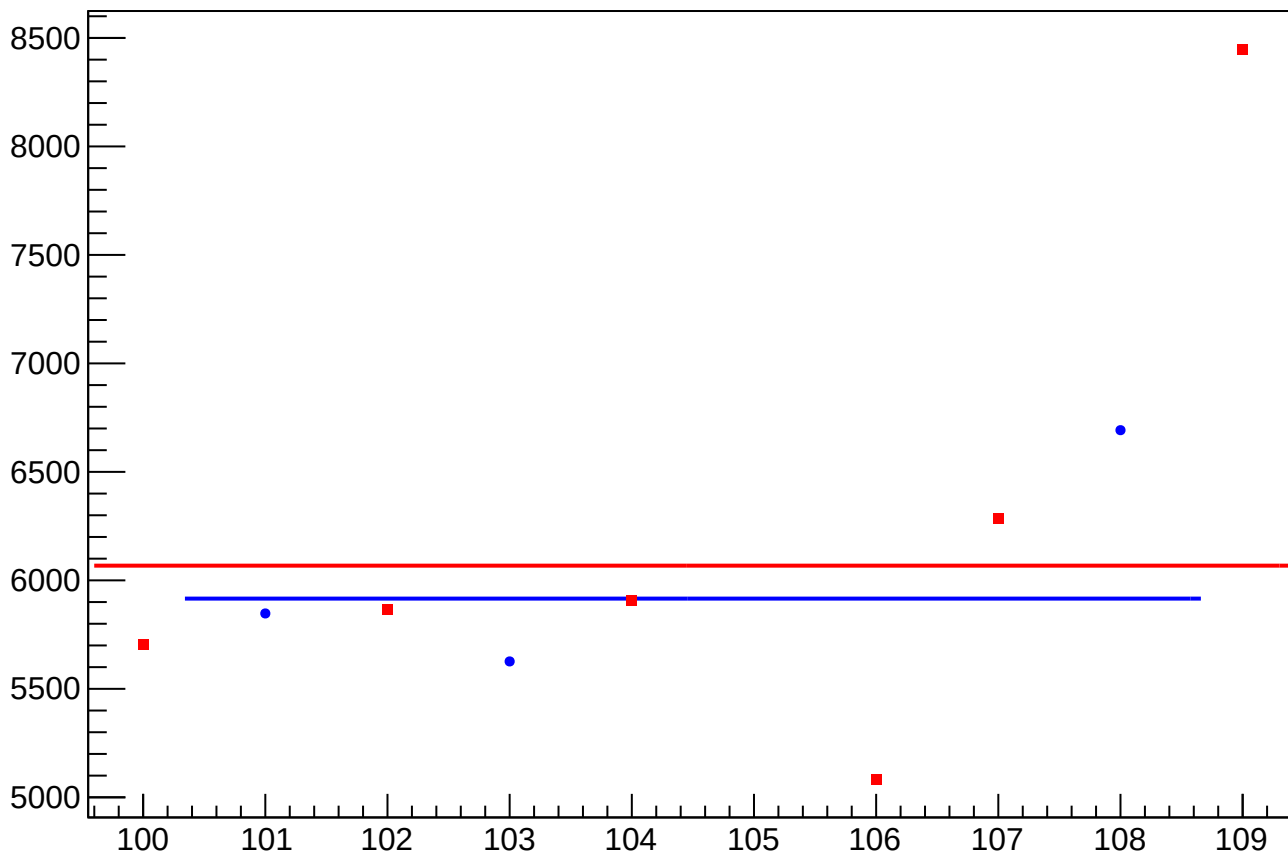
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.801 $\pm$ 3.038 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionY_rms vs Slug



Right In: 5915.918+/-3.261 χ^2 /NDF: 13992.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 6067.788+/-2.855 χ^2 /NDF: 110463.1/5

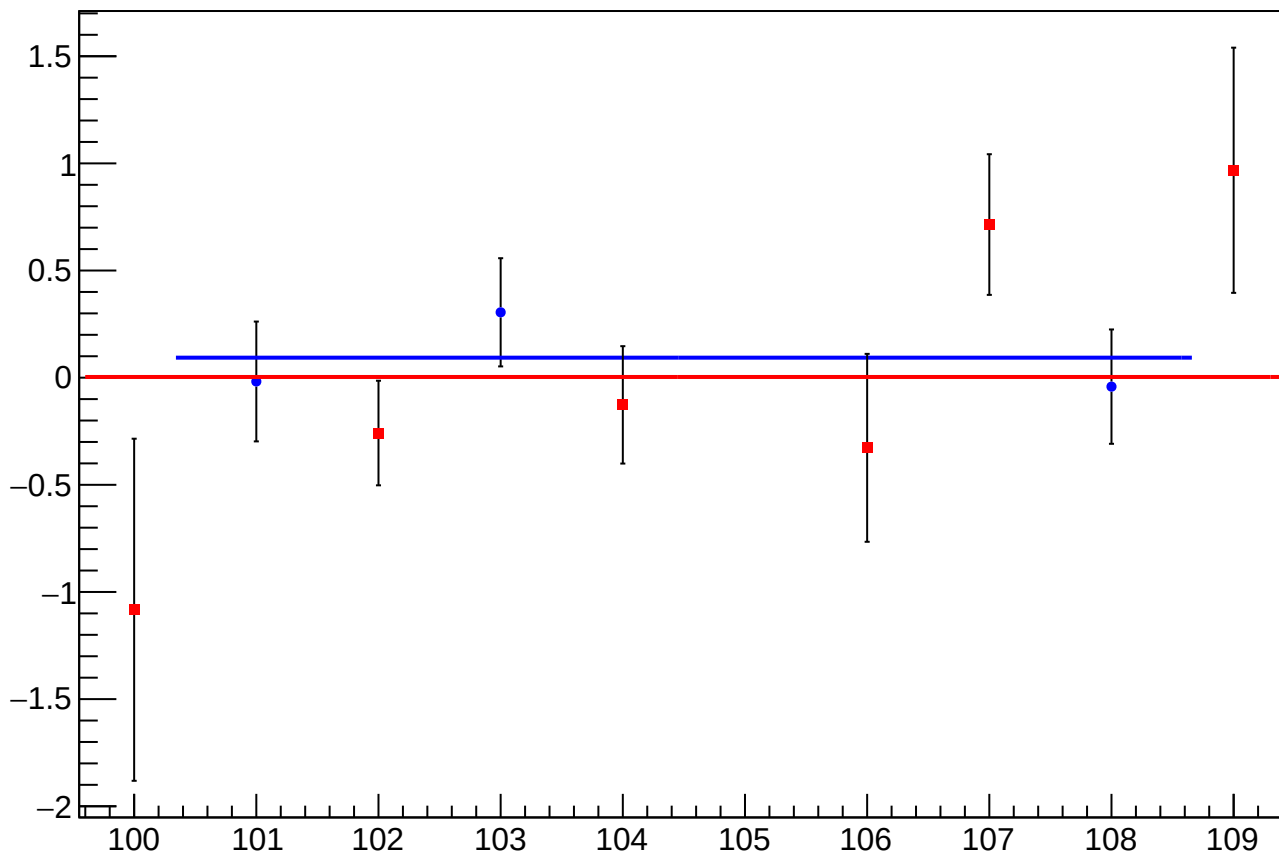
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6001.871+/-2.148 χ^2 /NDF: 125683.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_mean vs Slug



Right In: 0.093 $\pm$ 0.153 χ^2 /NDF: 1.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.143 χ^2 /NDF: 11.3/5

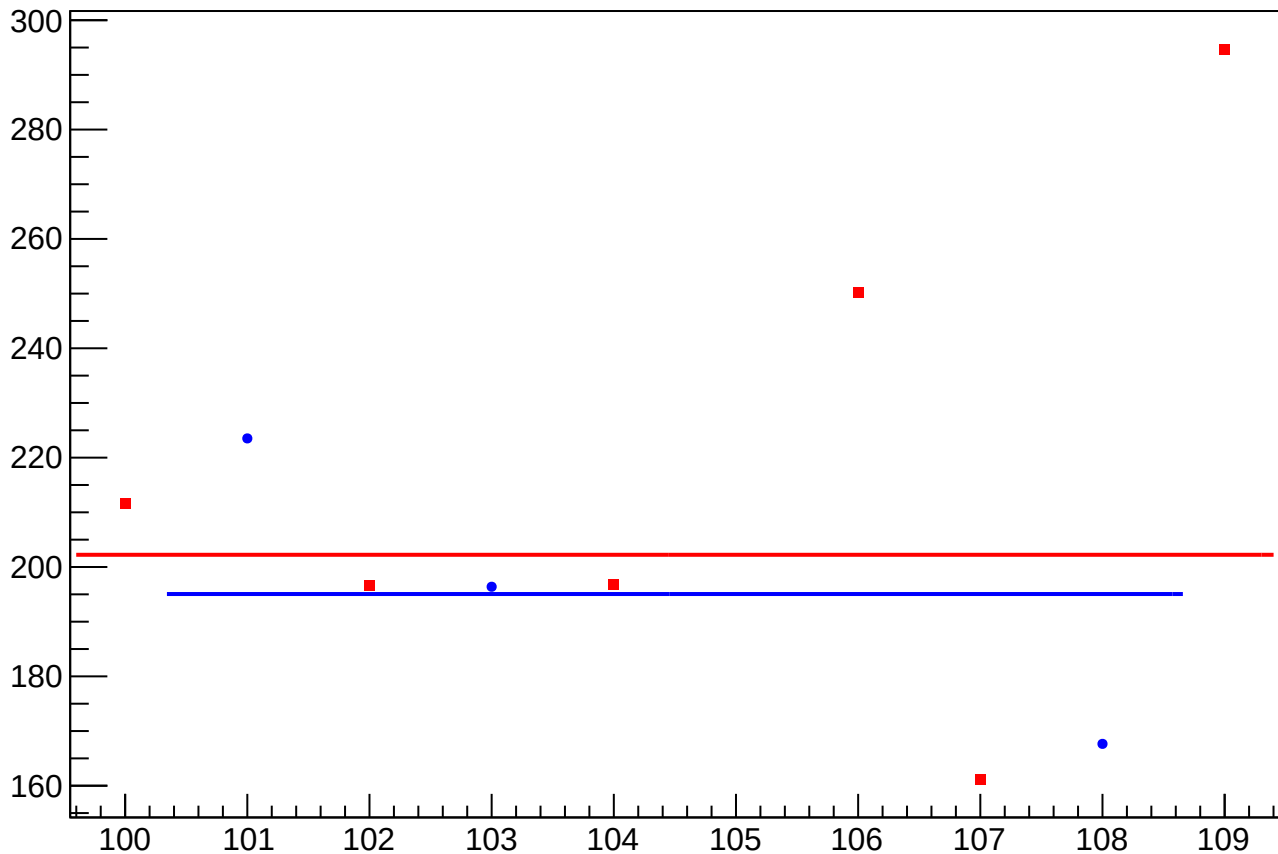
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.045 $\pm$ 0.104 χ^2 /NDF: 12.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 195.058 $\pm$ 0.108 χ^2 /NDF: 41875.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 202.234 $\pm$ 0.101 χ^2 /NDF: 109404.1/5

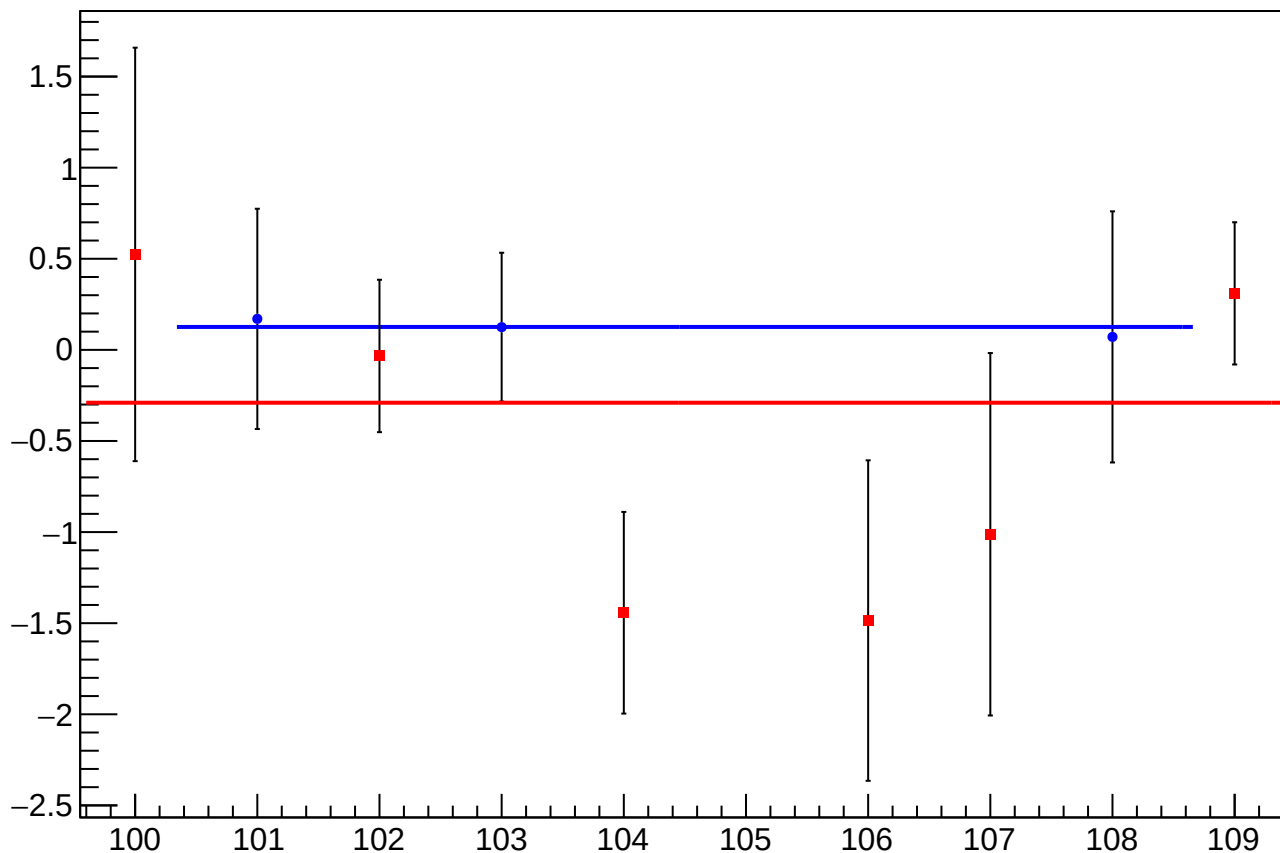
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 198.908 $\pm$ 0.074 χ^2 /NDF: 153629.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaY_mean vs Slug



Right In: 0.126 $\pm$ 0.304 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.290 $\pm$ 0.232 χ^2 /NDF: 10.0/5

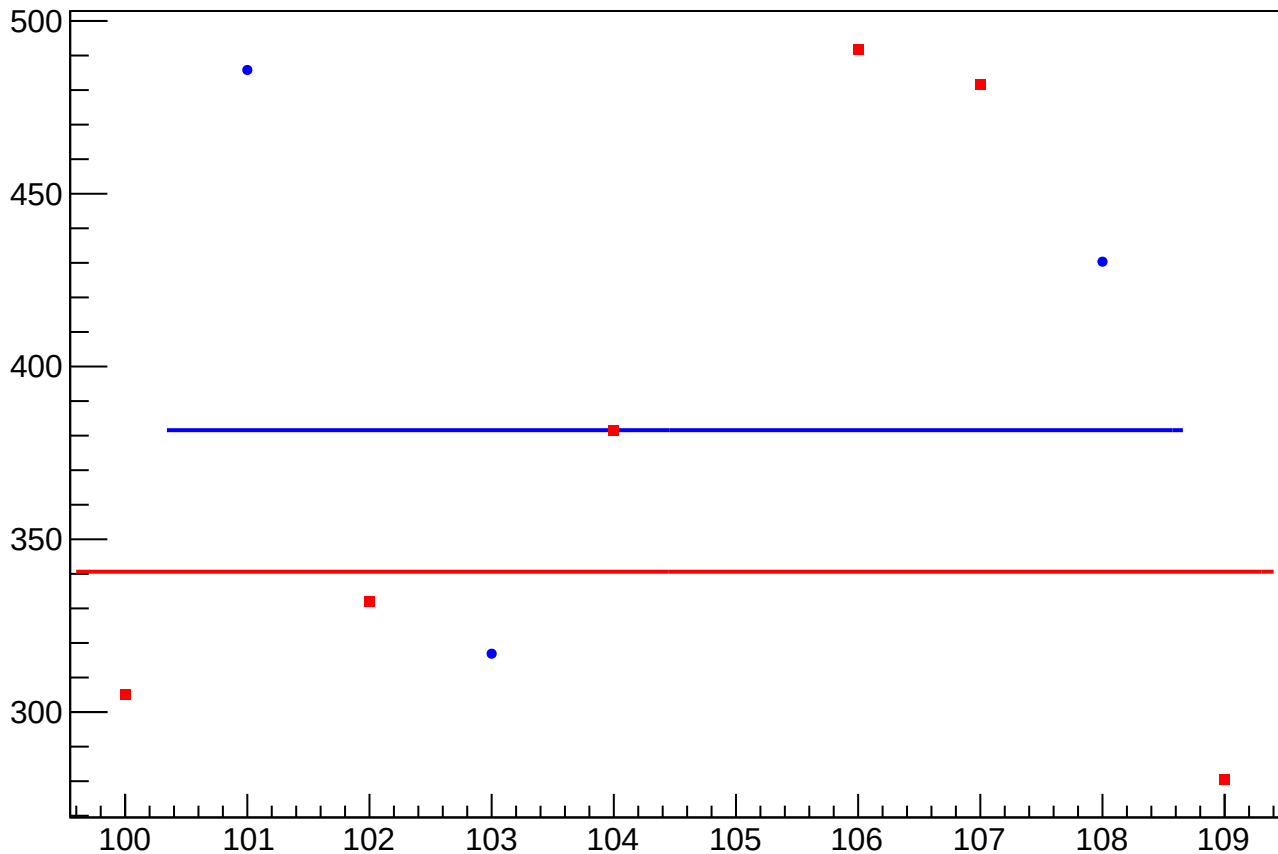
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.137 $\pm$ 0.184 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaY_rms vs Slug



Right In: 381.576+/-0.215 χ^2/NDF : 119708.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 340.624+/-0.164 χ^2/NDF : 160623.5/5

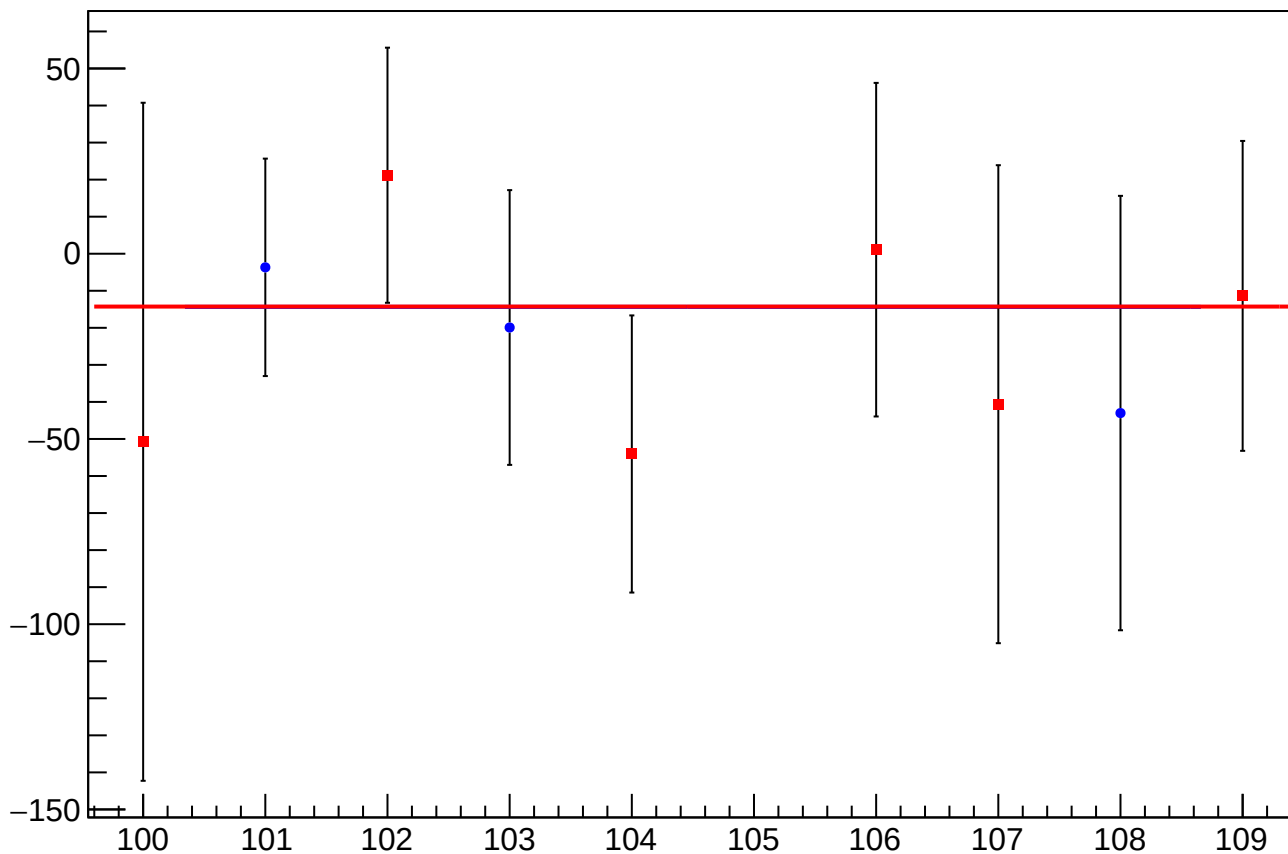
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 355.692+/-0.130 χ^2/NDF : 303318.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_mean vs Slug



Right In: -14.345 $\pm$ 21.421 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.264 $\pm$ 18.309 χ^2 /NDF: 2.6/5

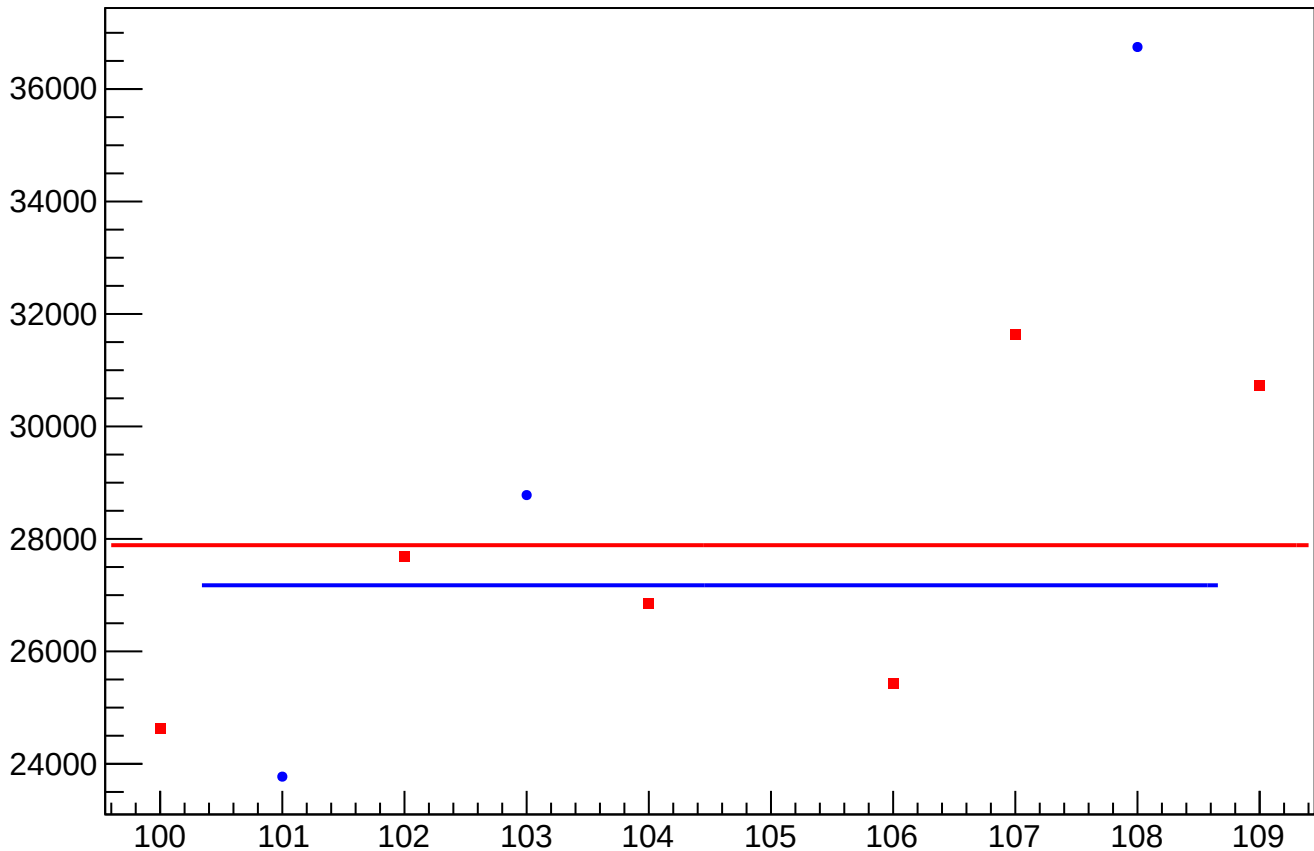
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.298 $\pm$ 13.918 χ^2 /NDF: 3.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_rms vs Slug



Right In: 27175.340 $\pm$ 15.147 χ^2 /NDF: 83948.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

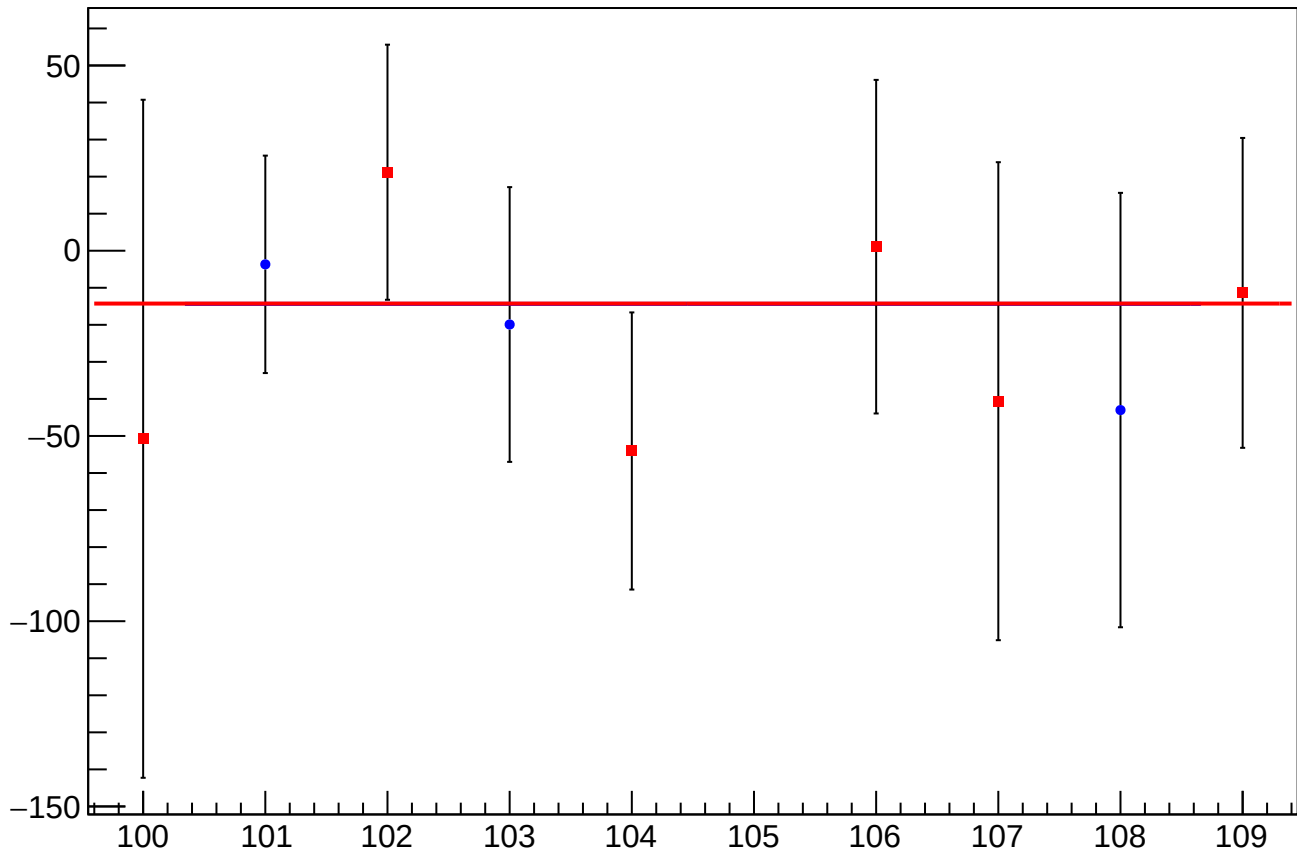
Right Out: 27888.351 $\pm$ 12.947 χ^2 /NDF: 26083.4/5

All: 27587.348 $\pm$ 9.841 χ^2 /NDF: 111312.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmEX_mean vs Slug



Right In: -14.345+/-21.421 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14.264+/-18.309 χ^2/NDF : 2.6/5

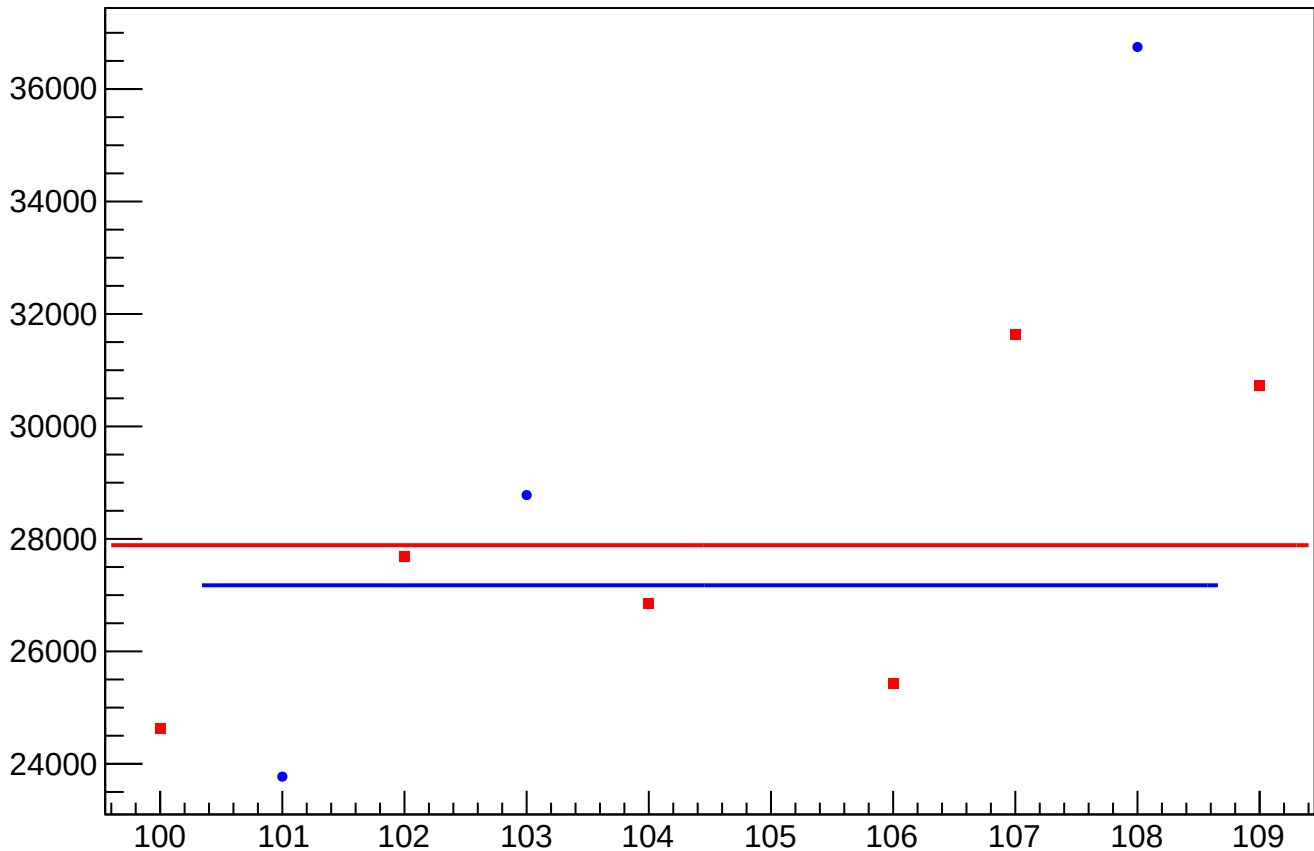
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.298+/-13.918 χ^2/NDF : 3.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_rms vs Slug



Right In: 27175.340 $\pm$ 15.147 χ^2 /NDF: 83948.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

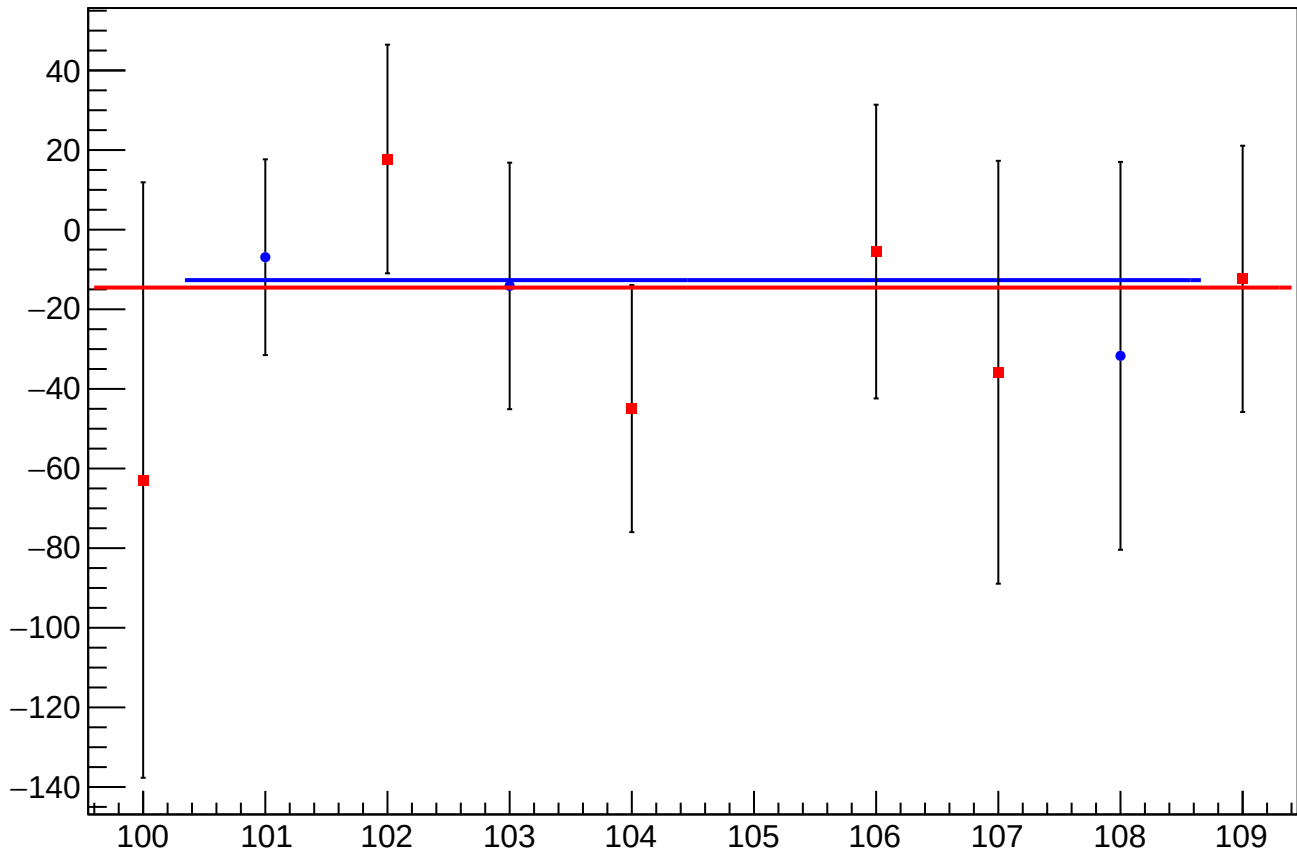
Right Out: 27888.351 $\pm$ 12.947 χ^2 /NDF: 26083.4/5

All: 27587.348 $\pm$ 9.841 χ^2 /NDF: 111312.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmE_11X12X_mean vs Slug



Right In: -12.677 ± 17.906 χ^2/NDF : 0.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.543 ± 15.054 χ^2/NDF : 2.9/5

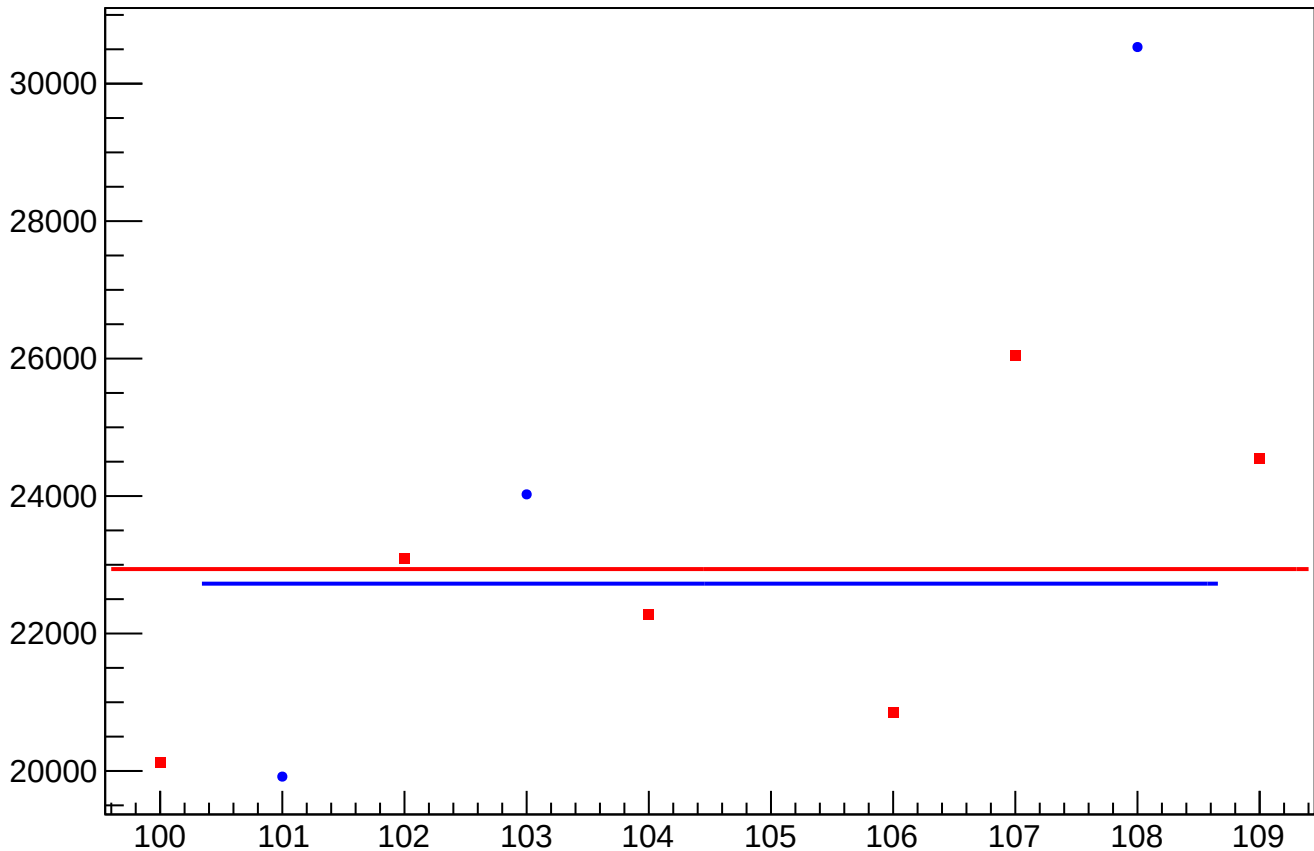
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.770 ± 11.523 χ^2/NDF : 3.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_rms vs Slug



Right In: 22725.354+/-12.661 χ^2/NDF : 80962.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22937.542+/-10.645 χ^2/NDF : 21690.3/5

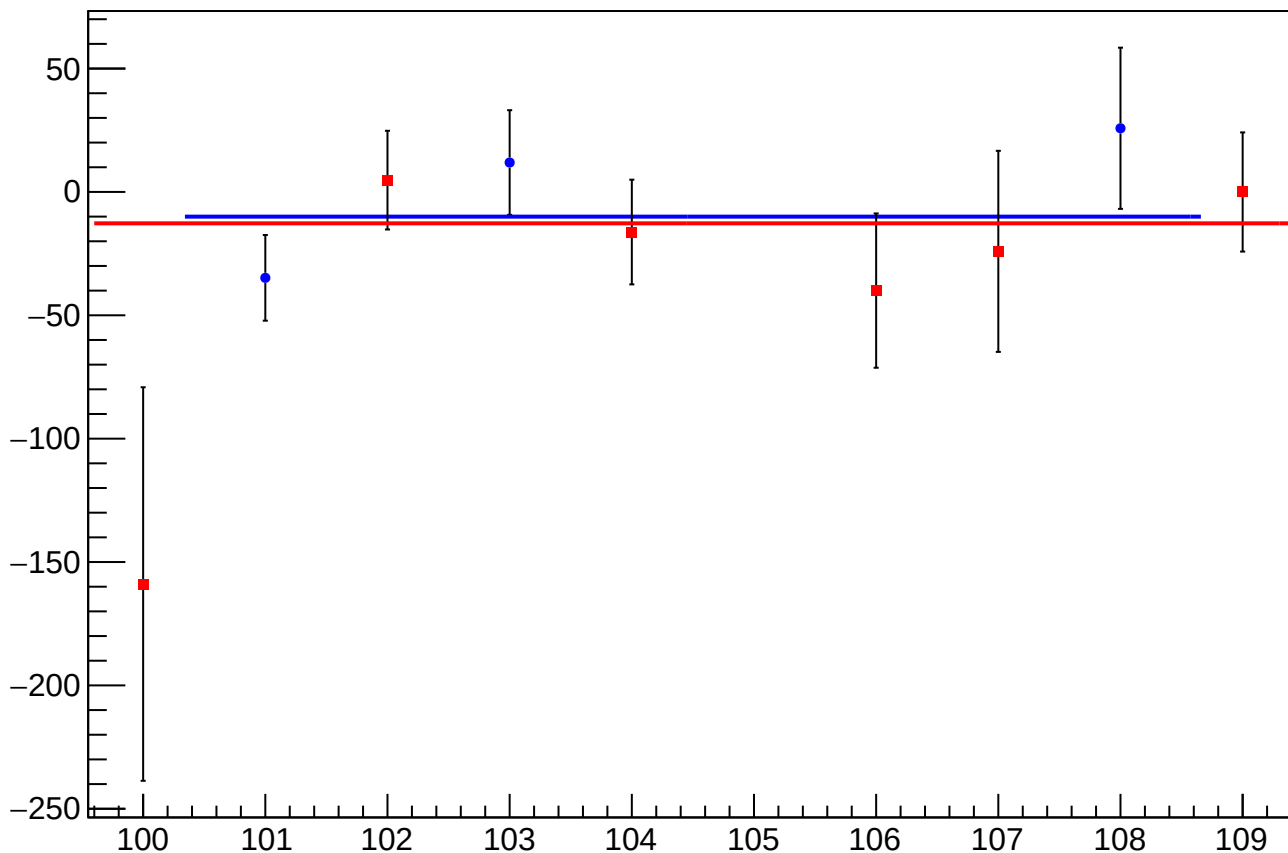
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22849.668+/-8.148 χ^2/NDF : 102817.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_mean vs Slug



Right In: -10.011 ± 12.425 χ^2/NDF : 4.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.729 ± 11.030 χ^2/NDF : 5.3/5

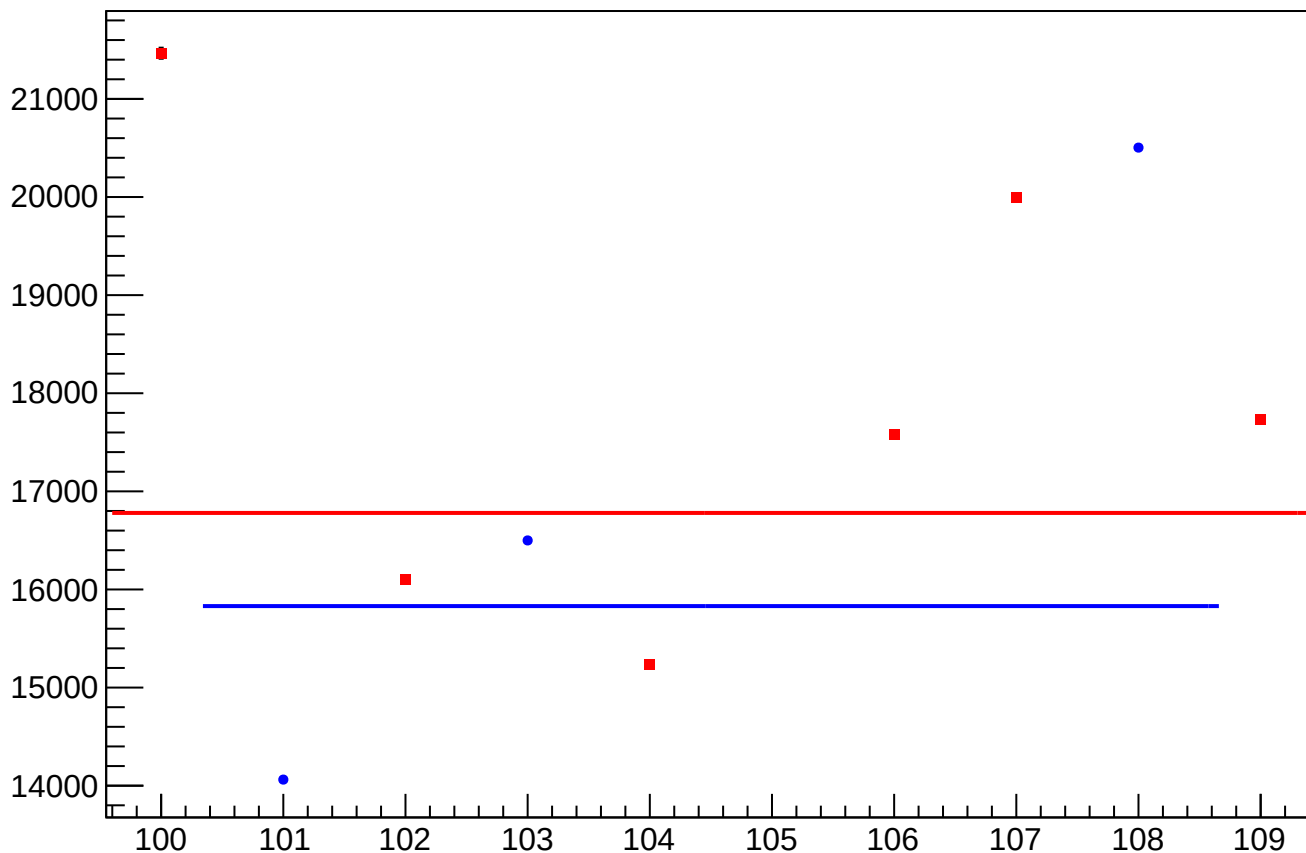
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.531 ± 8.249 χ^2/NDF : 9.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_rms vs Slug



Right In: 15830.563 $\pm$ 8.786 χ^2 /NDF: 63667.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16780.061 $\pm$ 7.800 χ^2 /NDF: 36602.8/5

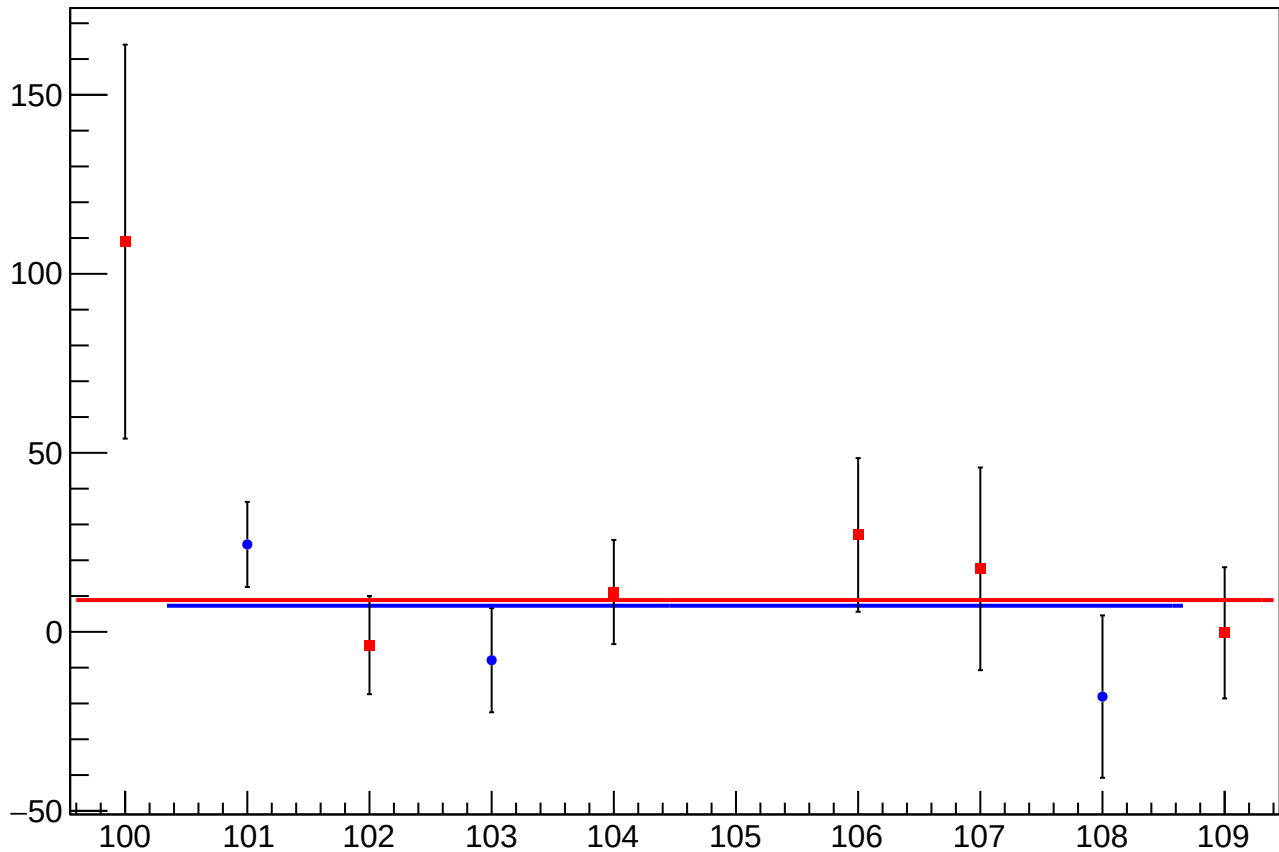
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16361.582 $\pm$ 5.833 χ^2 /NDF: 106801.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aediffX_mean vs Slug



Right In: 7.296 $\pm$ 8.530 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.877 $\pm$ 7.723 χ^2 /NDF: 5.2/5

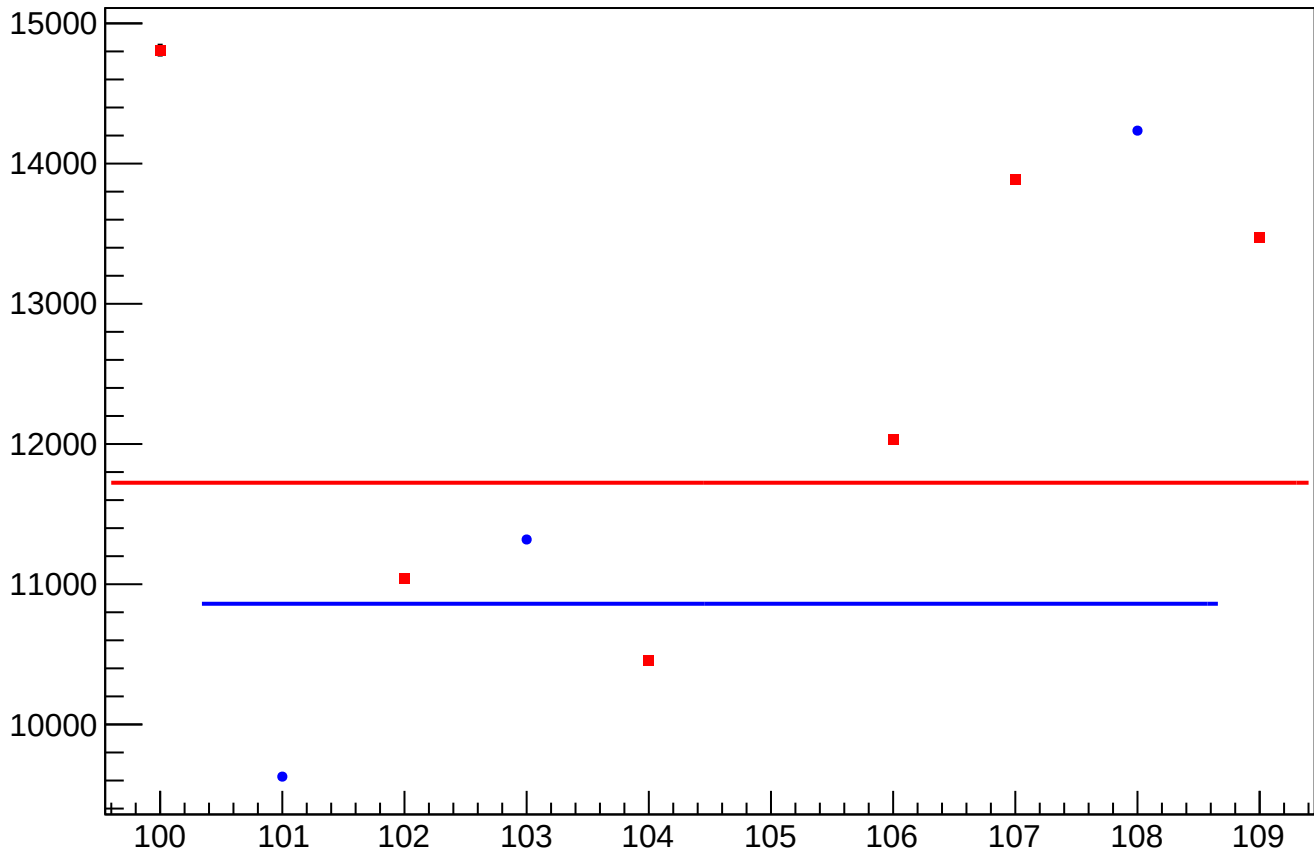
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.165 $\pm$ 5.725 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aediffX_rms vs Slug



Right In: 10860.714 $\pm$ 6.032 χ^2 /NDF: 67767.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11723.837 $\pm$ 5.461 χ^2 /NDF: 56804.0/5

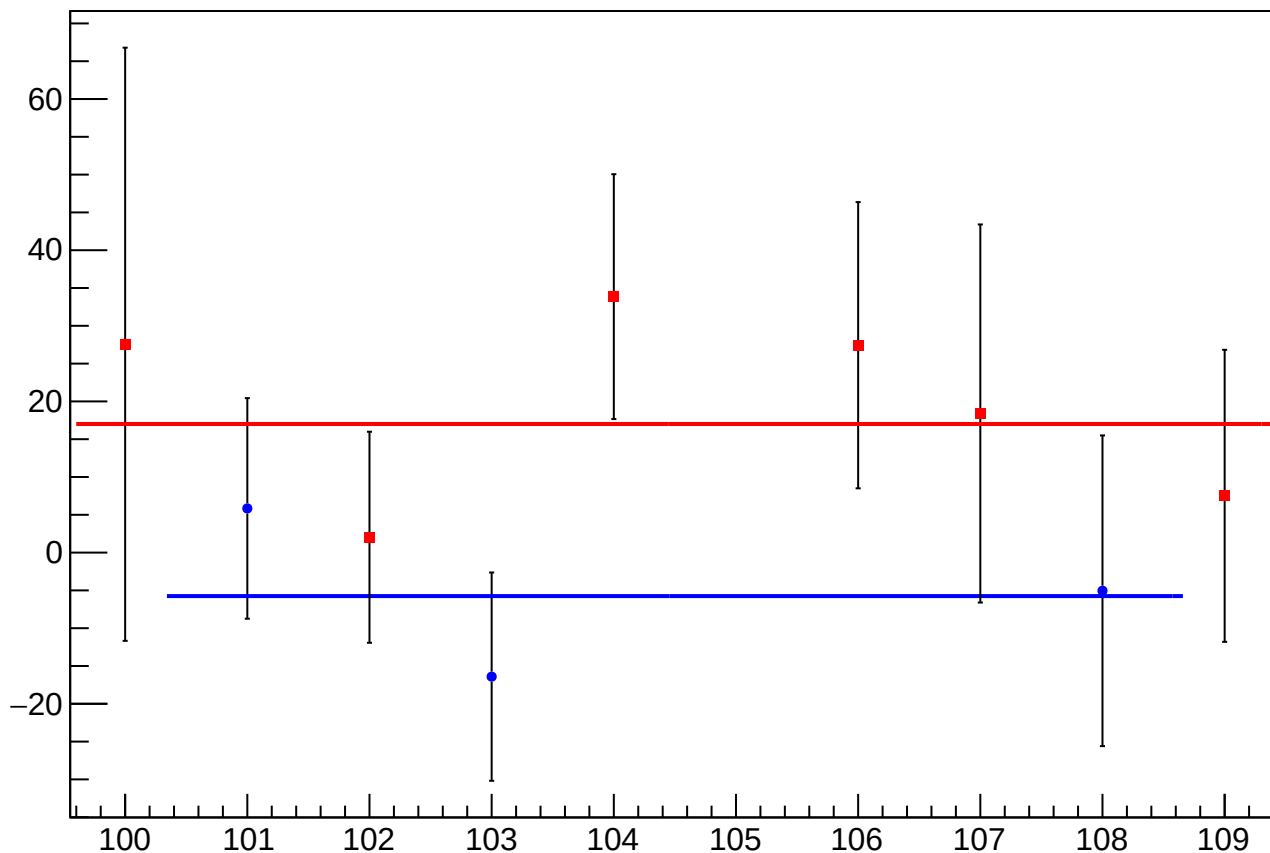
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11335.027 $\pm$ 4.048 χ^2 /NDF: 135824.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aesumY_mean vs Slug



Right In: -5.752 ± 9.004 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.013 ± 7.746 χ^2/NDF : 2.9/5

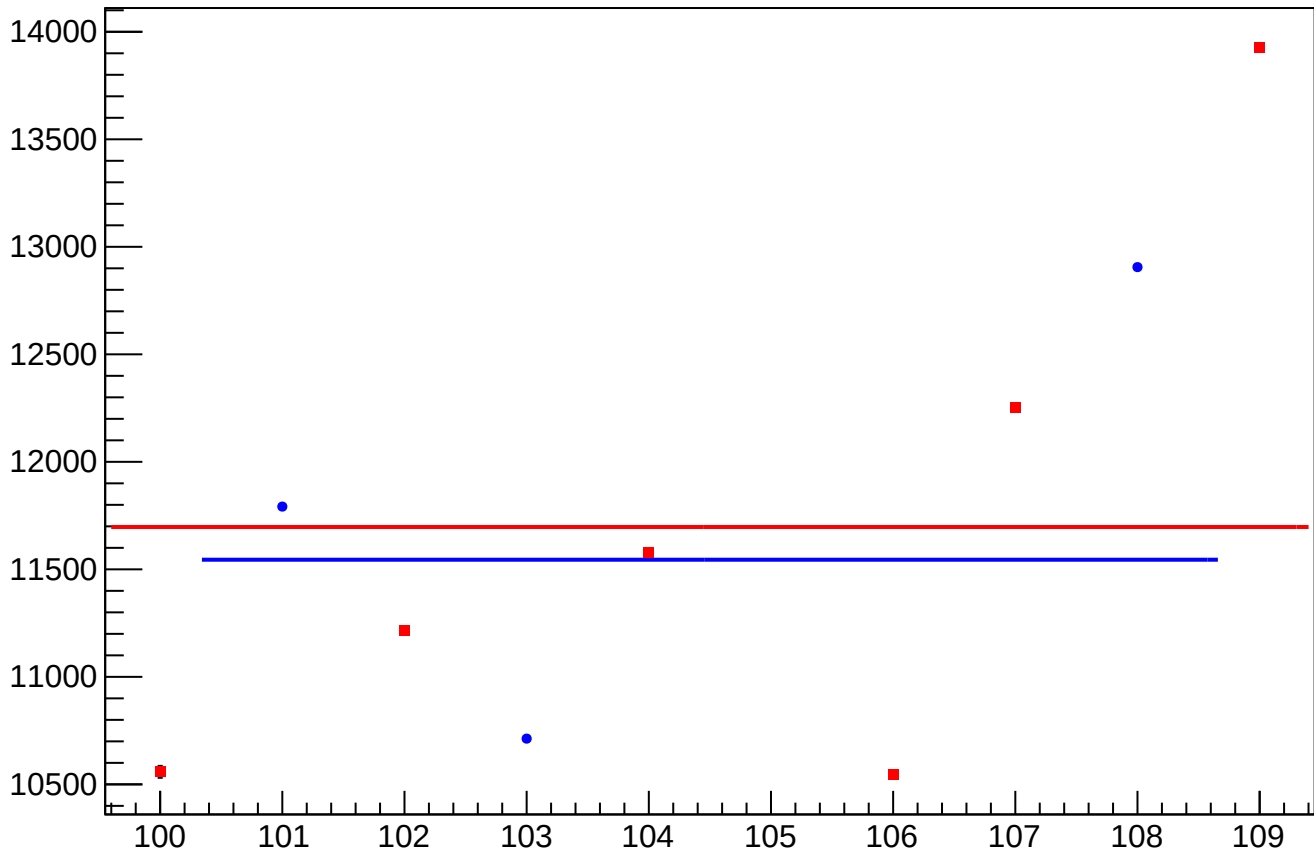
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.330 ± 5.872 χ^2/NDF : 7.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_rms vs Slug



Right In: 11544.807 $\pm$ 6.367 χ^2 /NDF: 16639.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11697.027 $\pm$ 5.478 χ^2 /NDF: 39184.5/5

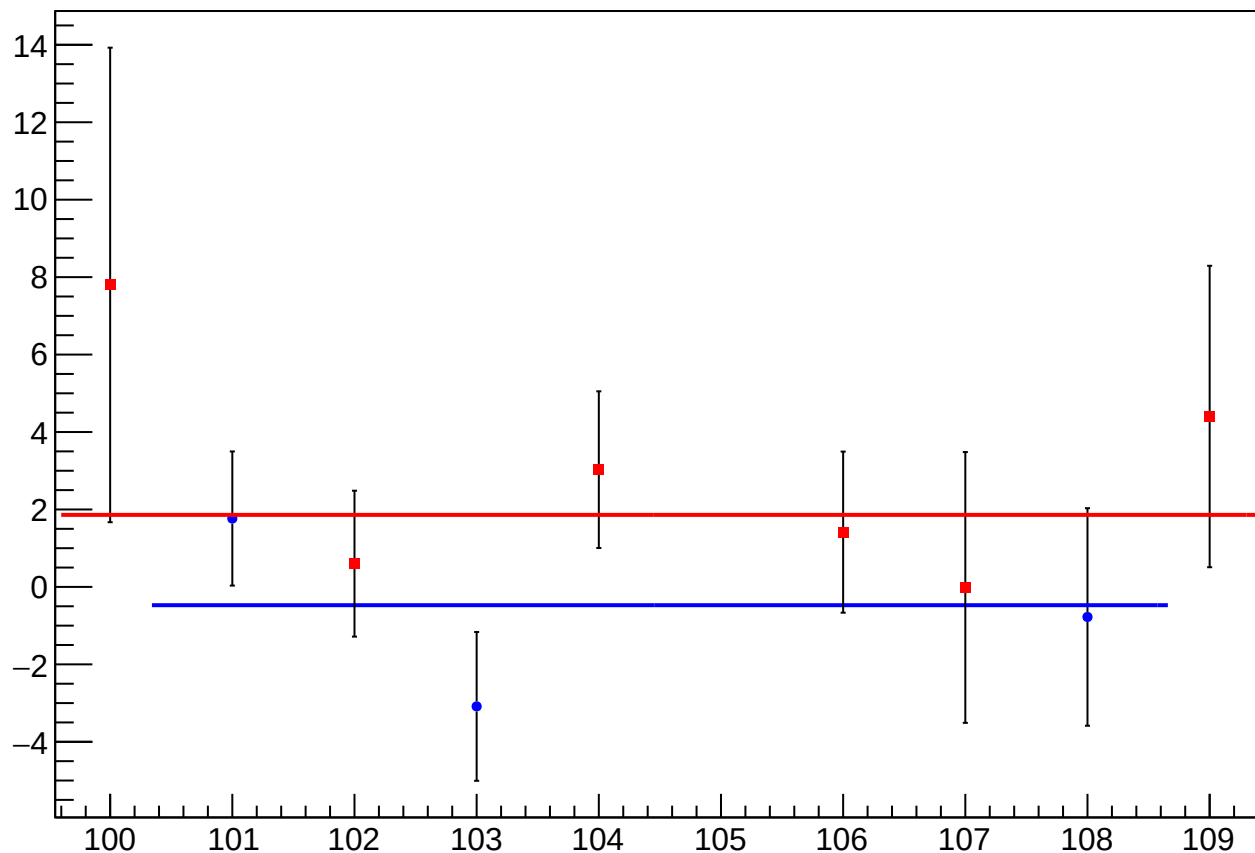
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11632.281 $\pm$ 4.152 χ^2 /NDF: 56152.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aeddifY_mean vs Slug



Right In: -0.472 ± 1.170 χ^2/NDF : 3.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.860 ± 1.036 χ^2/NDF : 2.5/5

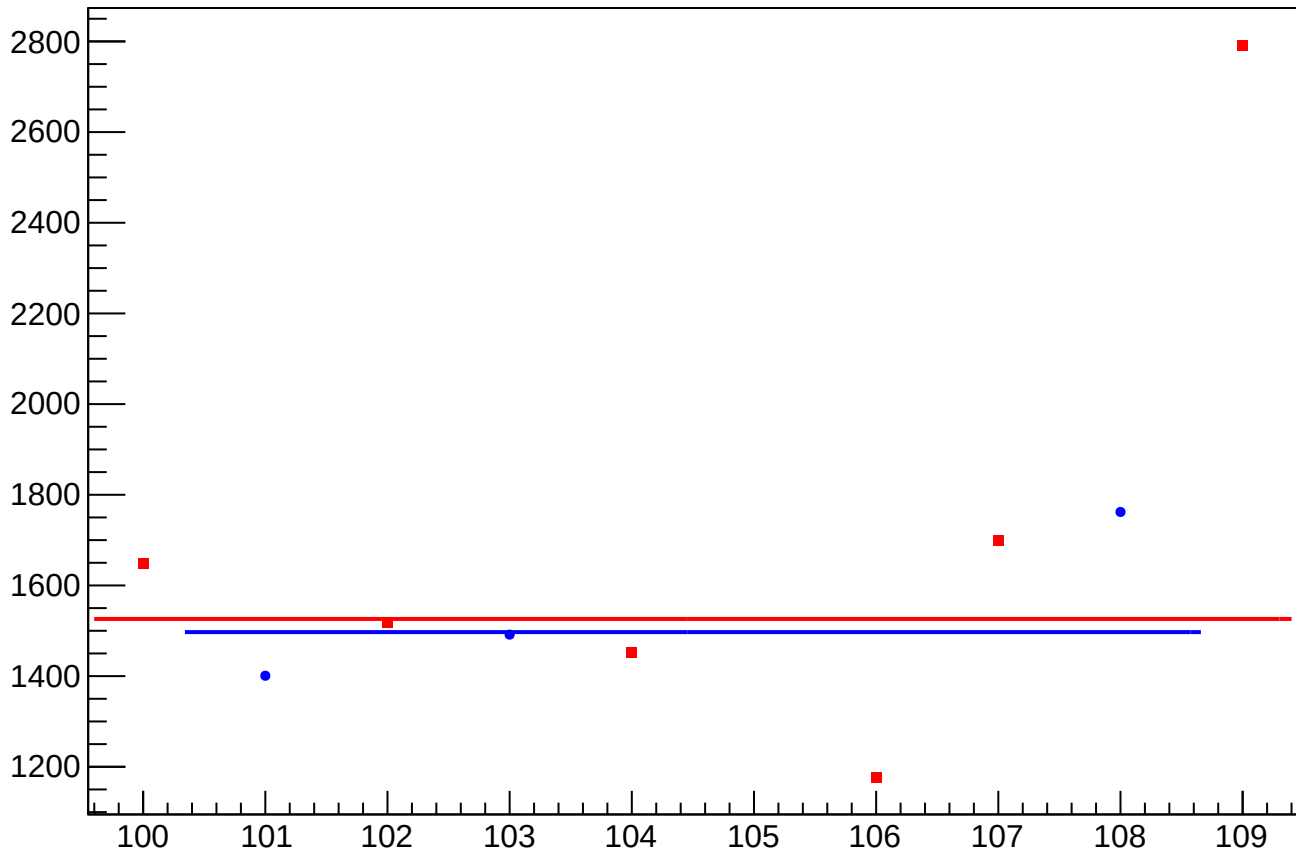
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.835 ± 0.776 χ^2/NDF : 8.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_rms vs Slug



Right In: 1497.096 $\pm$ 0.827 χ^2 /NDF: 23989.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1526.124 $\pm$ 0.733 χ^2 /NDF: 275523.1/5

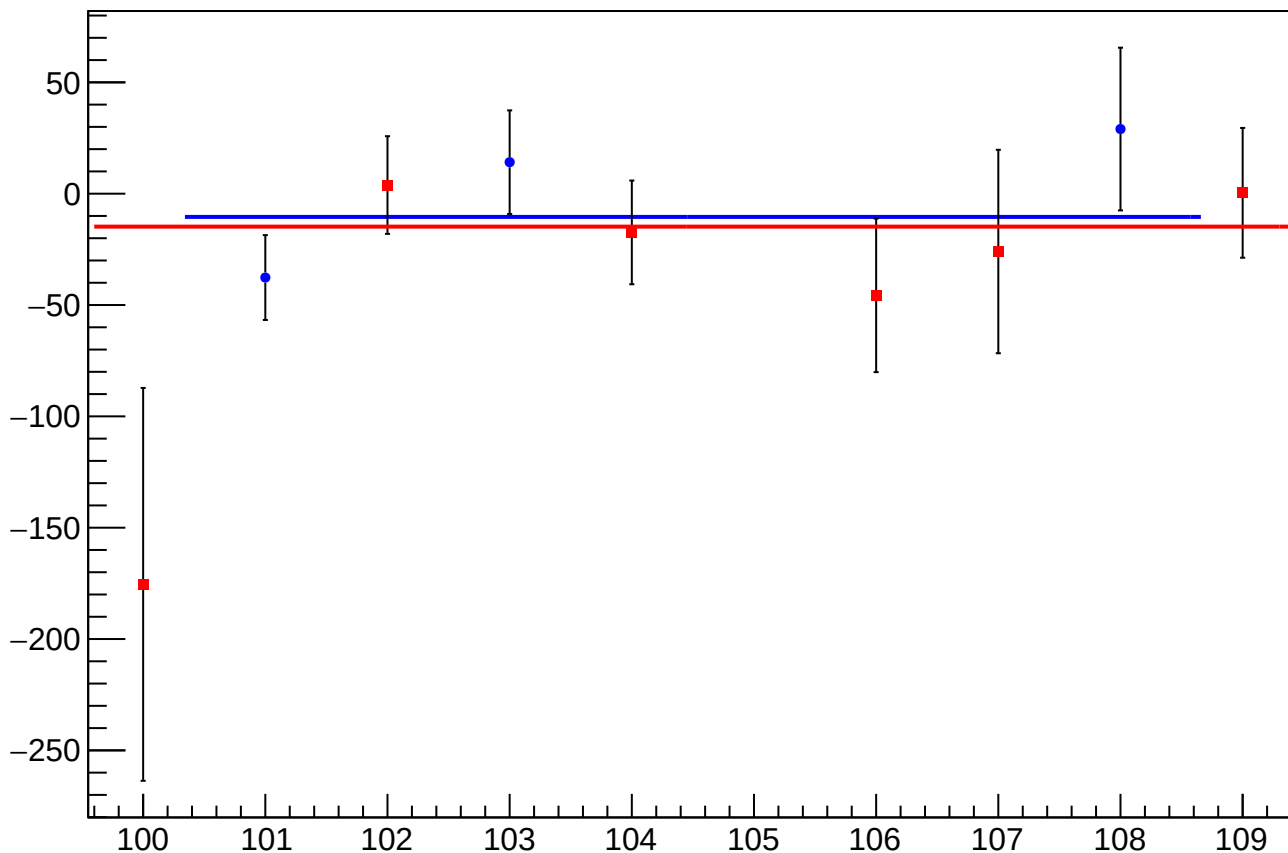
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1513.362 $\pm$ 0.548 χ^2 /NDF: 300202.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumX_mean vs Slug



Right In: -10.432 ± 13.669 χ^2/NDF : 4.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.797 ± 12.357 χ^2/NDF : 5.2/5

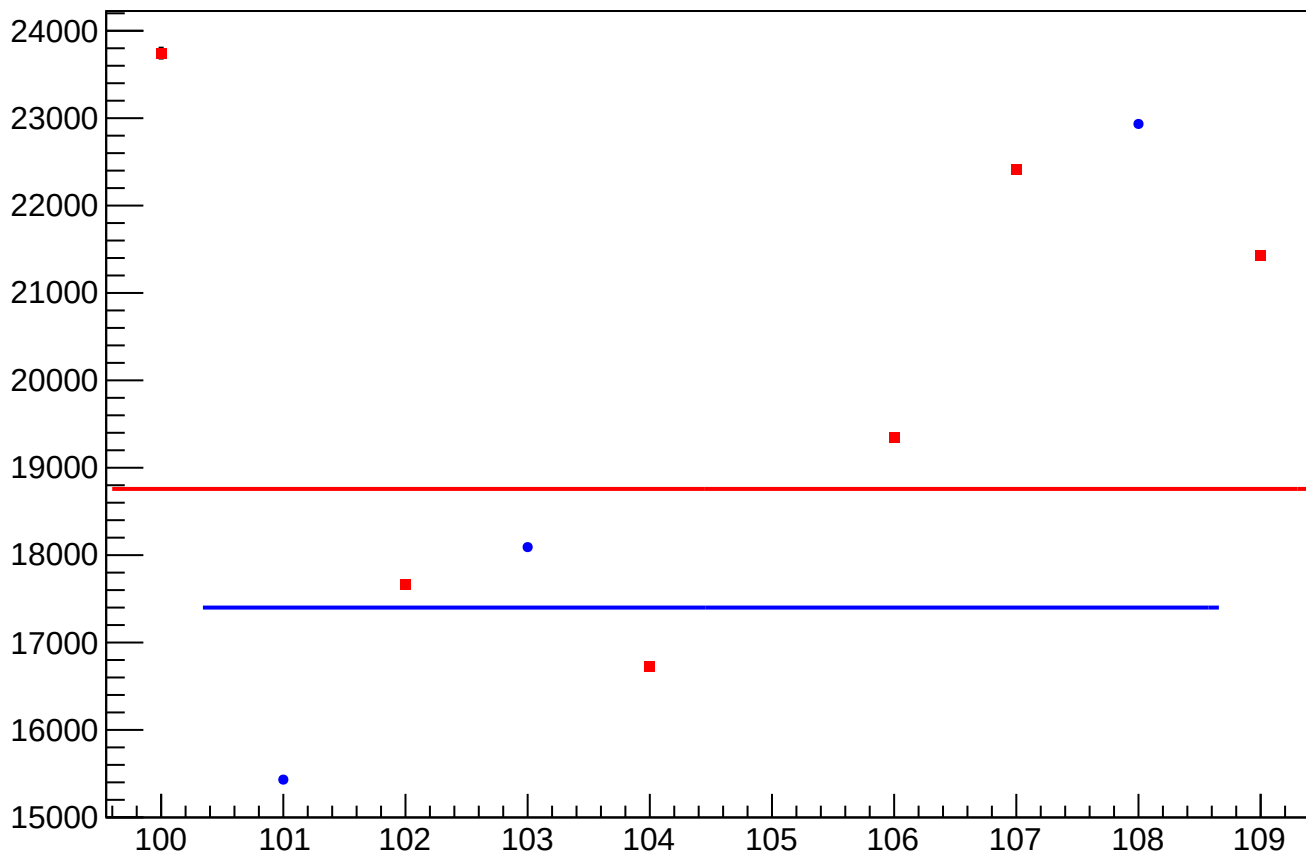
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.834 ± 9.167 χ^2/NDF : 9.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_rms vs Slug



Right In: 17400.116 $\pm$ 9.665 χ^2 /NDF: 69002.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18757.713 $\pm$ 8.738 χ^2 /NDF: 56831.6/5

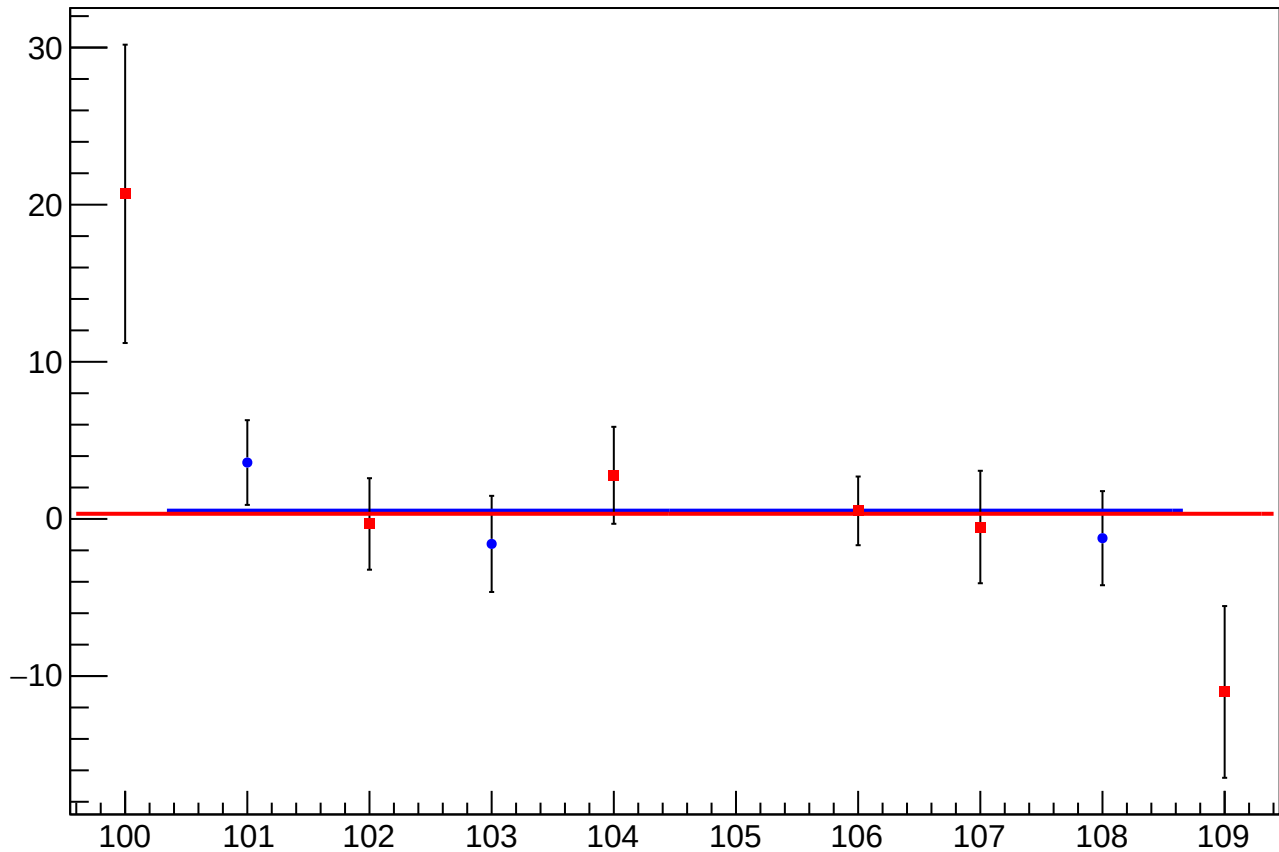
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18147.142 $\pm$ 6.482 χ^2 /NDF: 136690.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

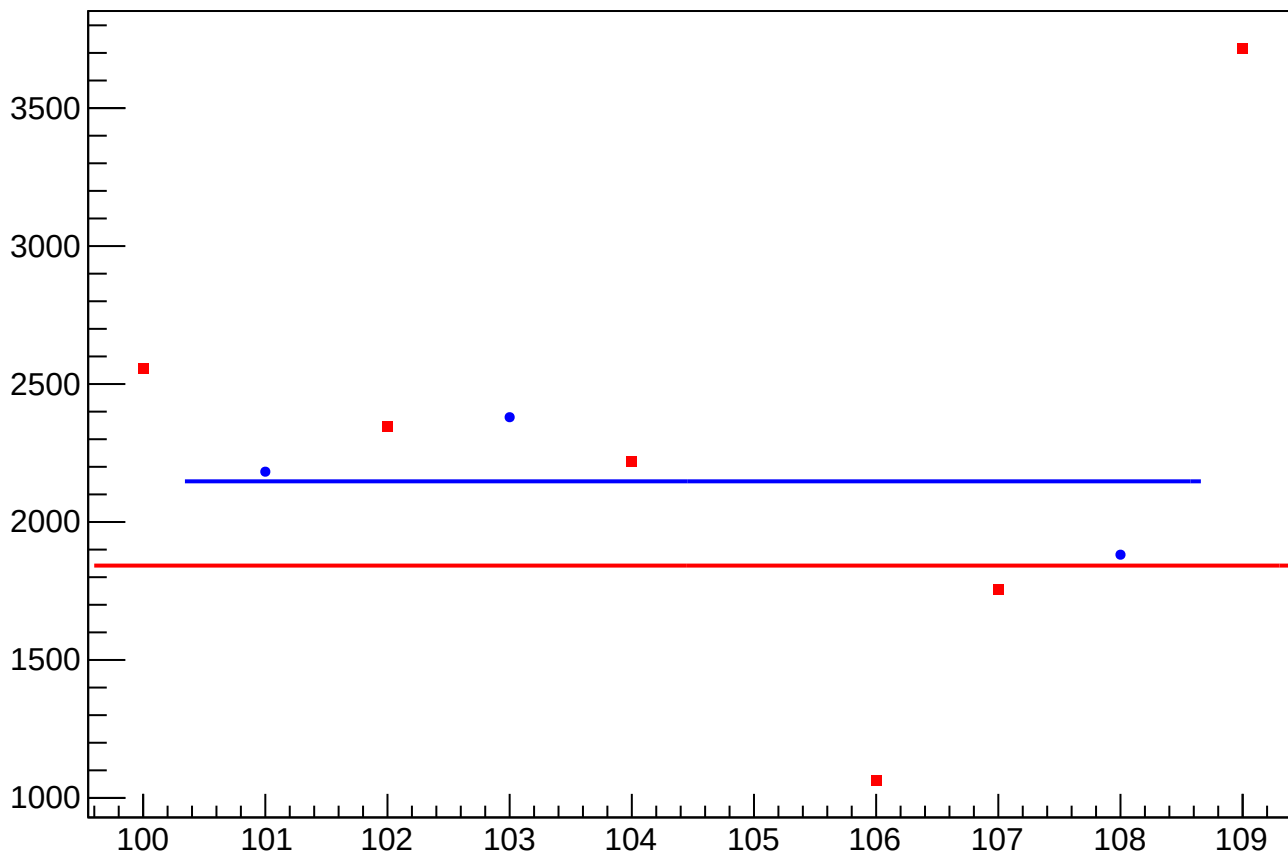
diff_bpmtargetdiffX_mean vs Slug



Right In: 0.527 $\pm$ 1.676 χ^2 /NDF: 2.1/2
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Right Out: 0.329 $\pm$ 1.342 χ^2 /NDF: 9.6/5
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
All: 0.406 $\pm$ 1.048 χ^2 /NDF: 11.8/8
- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 2147.407 $\pm$ 1.185 χ^2 /NDF: 27641.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1842.052 $\pm$ 0.949 χ^2 /NDF: 590805.1/5

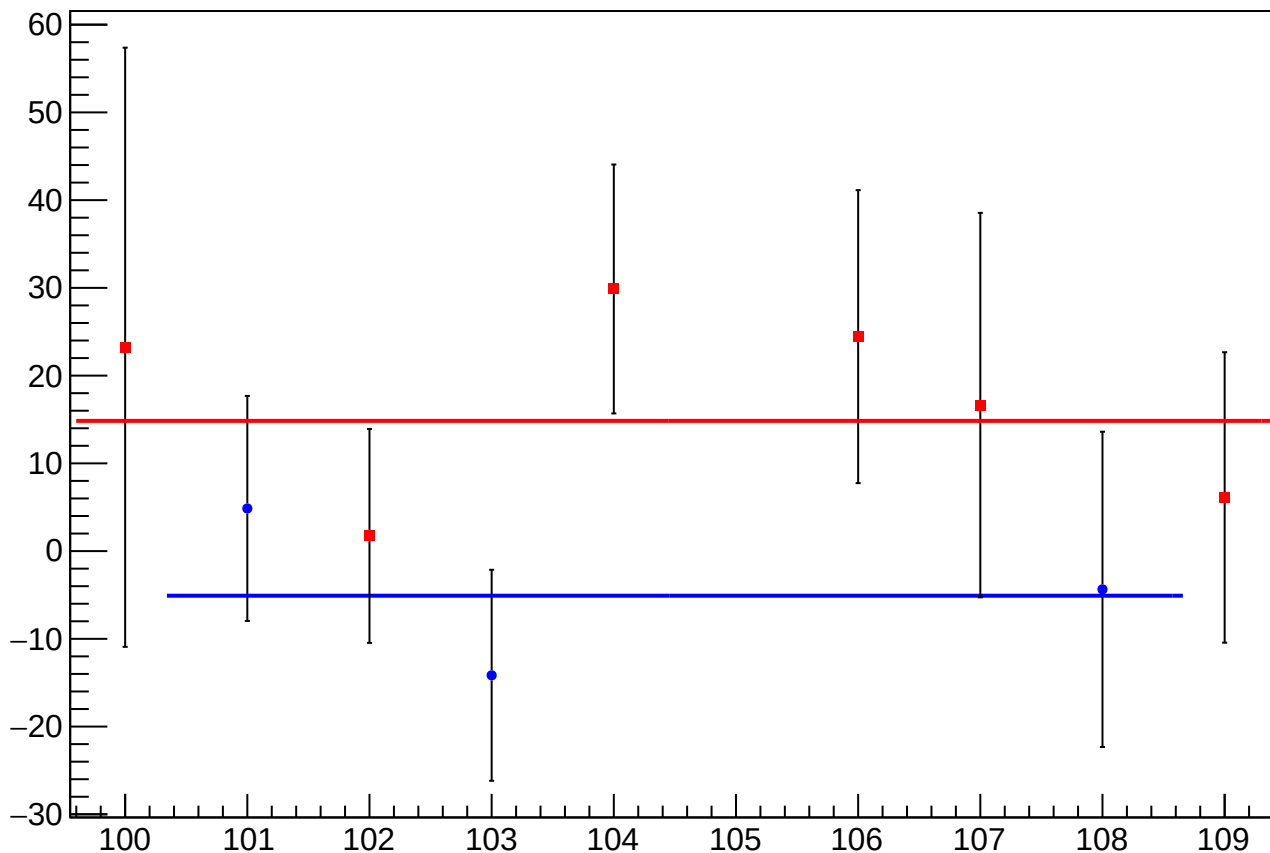
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1961.370 $\pm$ 0.741 χ^2 /NDF: 658889.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumY_mean vs Slug



Right In: -5.085+/-7.882 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.841+/-6.761 χ^2/NDF : 3.0/5

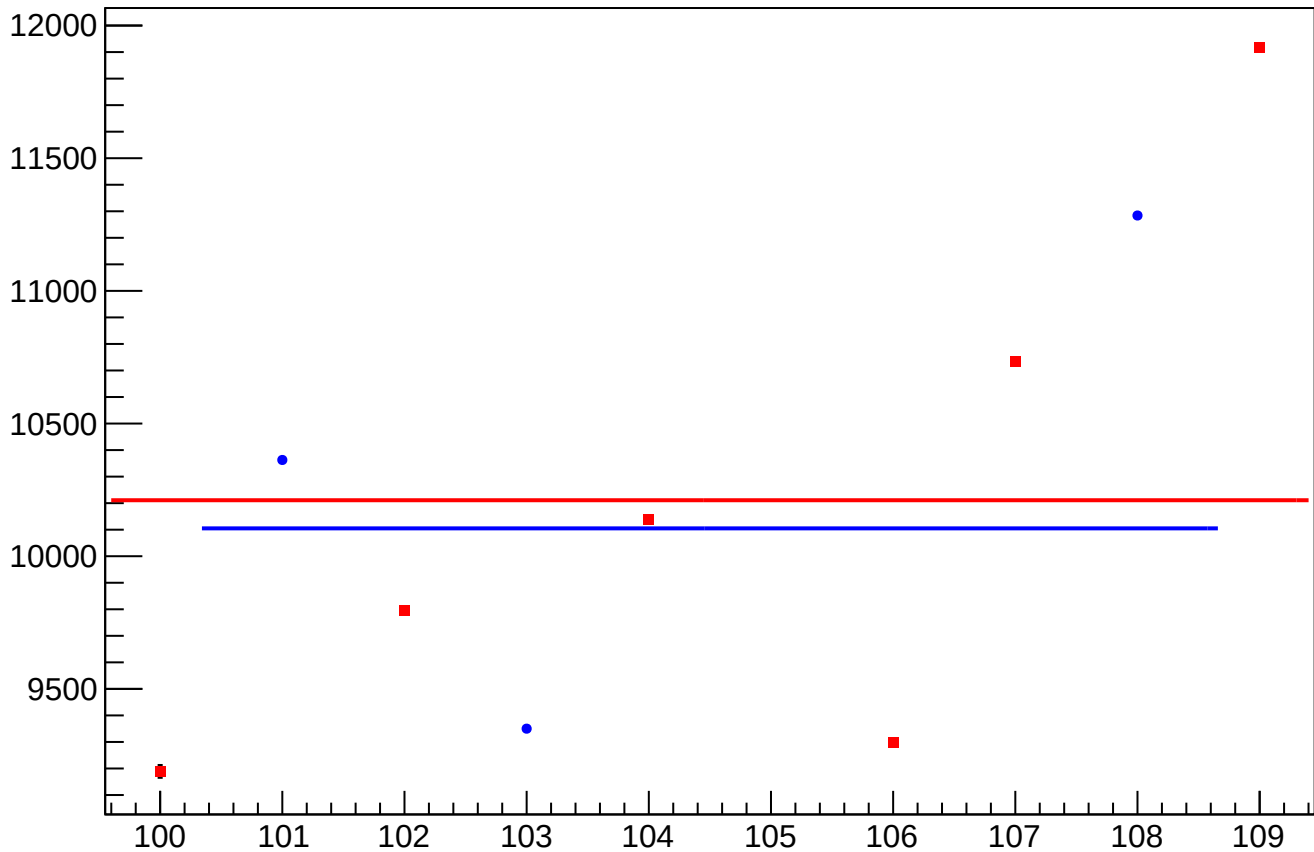
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.395+/-5.132 χ^2/NDF : 7.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_rms vs Slug



Right In: 10104.952 $\pm$ 5.573 χ^2 /NDF: 17305.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10210.984 $\pm$ 4.781 χ^2 /NDF: 32522.0/5

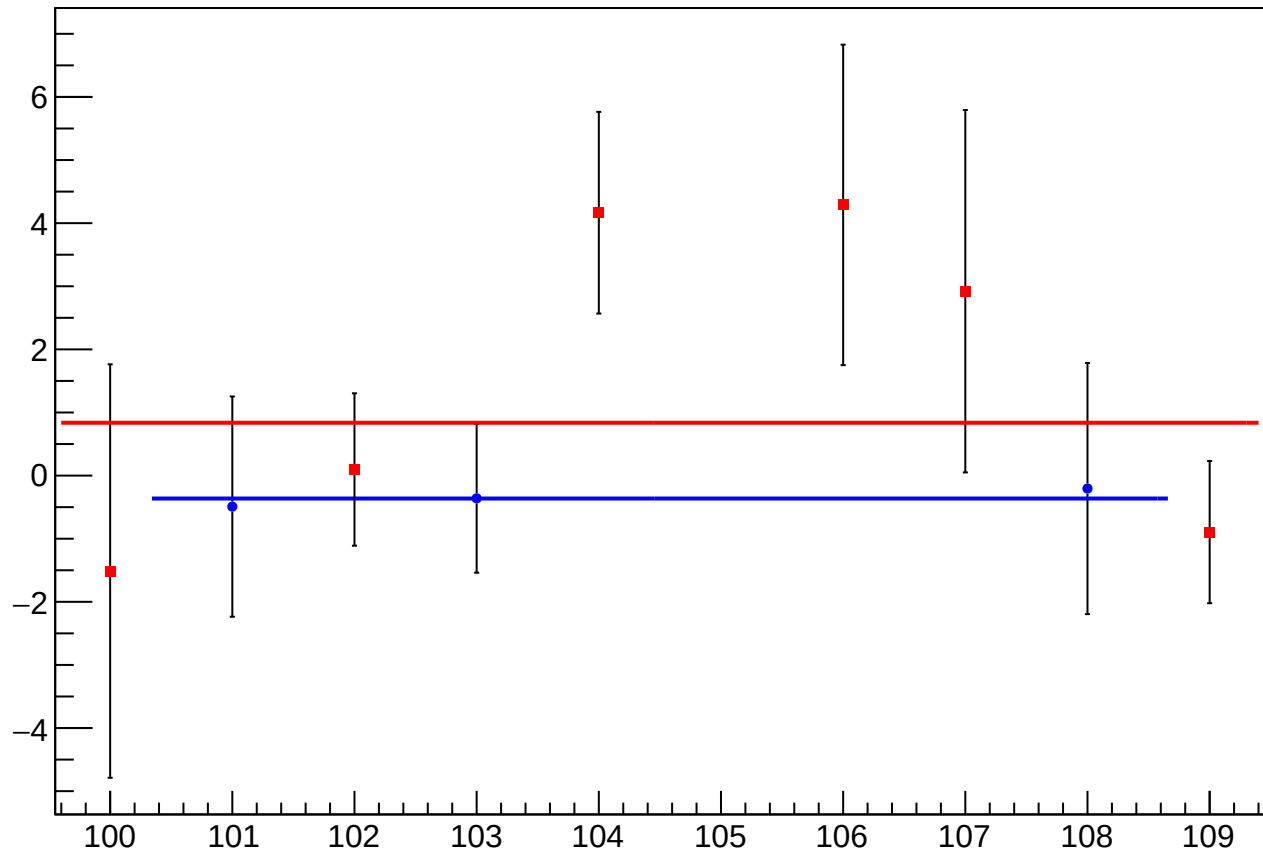
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10166.040 $\pm$ 3.629 χ^2 /NDF: 50035.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffY_mean vs Slug



Right In: -0.363 $\pm$ 0.877 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.837 $\pm$ 0.669 χ^2 /NDF: 10.0/5

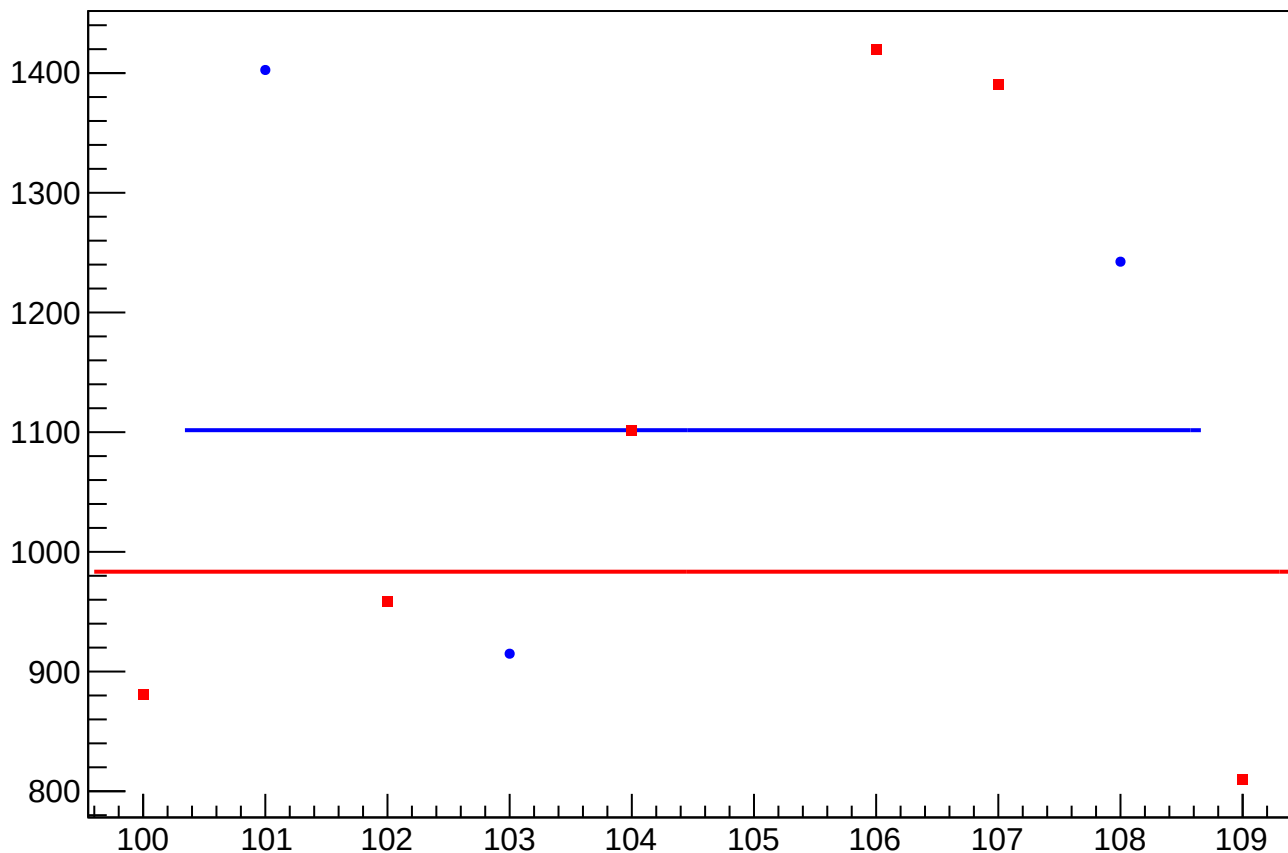
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.396 $\pm$ 0.532 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetdiffY_rms vs Slug



Right In: 1101.655 $\pm$ 0.620 χ^2 /NDF: 119708.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 983.423 $\pm$ 0.473 χ^2 /NDF: 160623.5/5

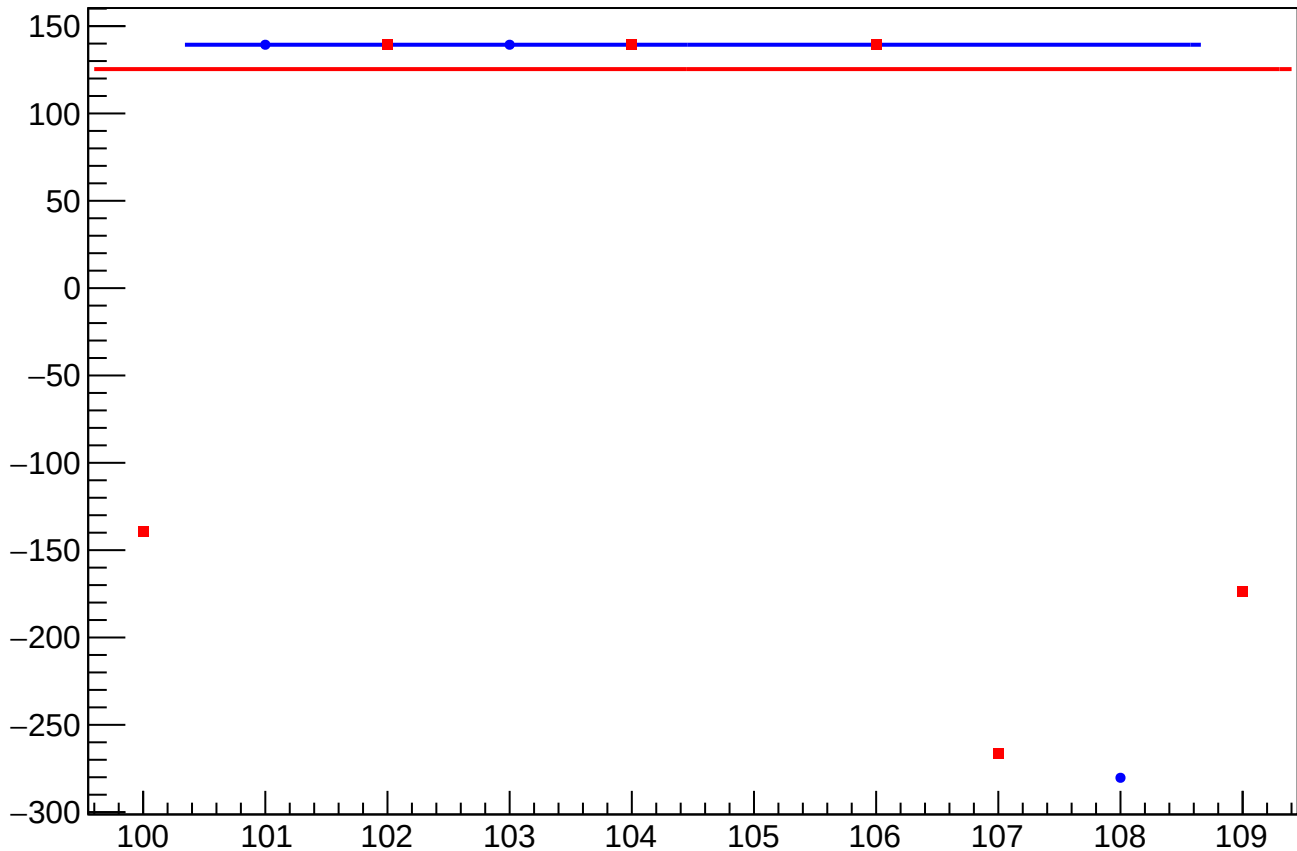
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1026.924 $\pm$ 0.376 χ^2 /NDF: 303318.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_mean vs Slug



Right In: 139.338 $\pm$ 0.000 χ^2 /NDF: 9273475918.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

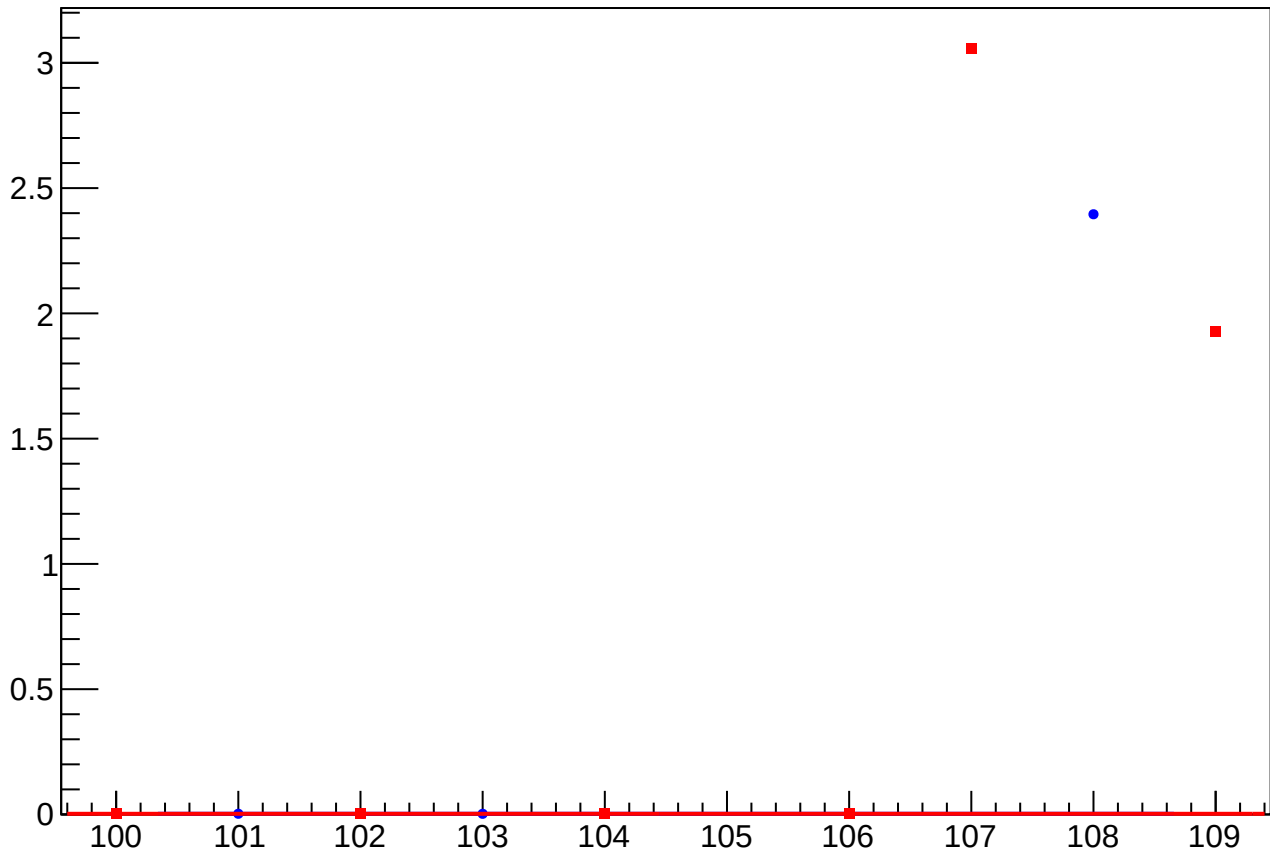
Right Out: 125.393 $\pm$ 0.000 χ^2 /NDF: 774141815359864.6/5

All: 131.819 $\pm$ 0.000 χ^2 /NDF: 792936539984.6/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 606721.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 1123163.4/5

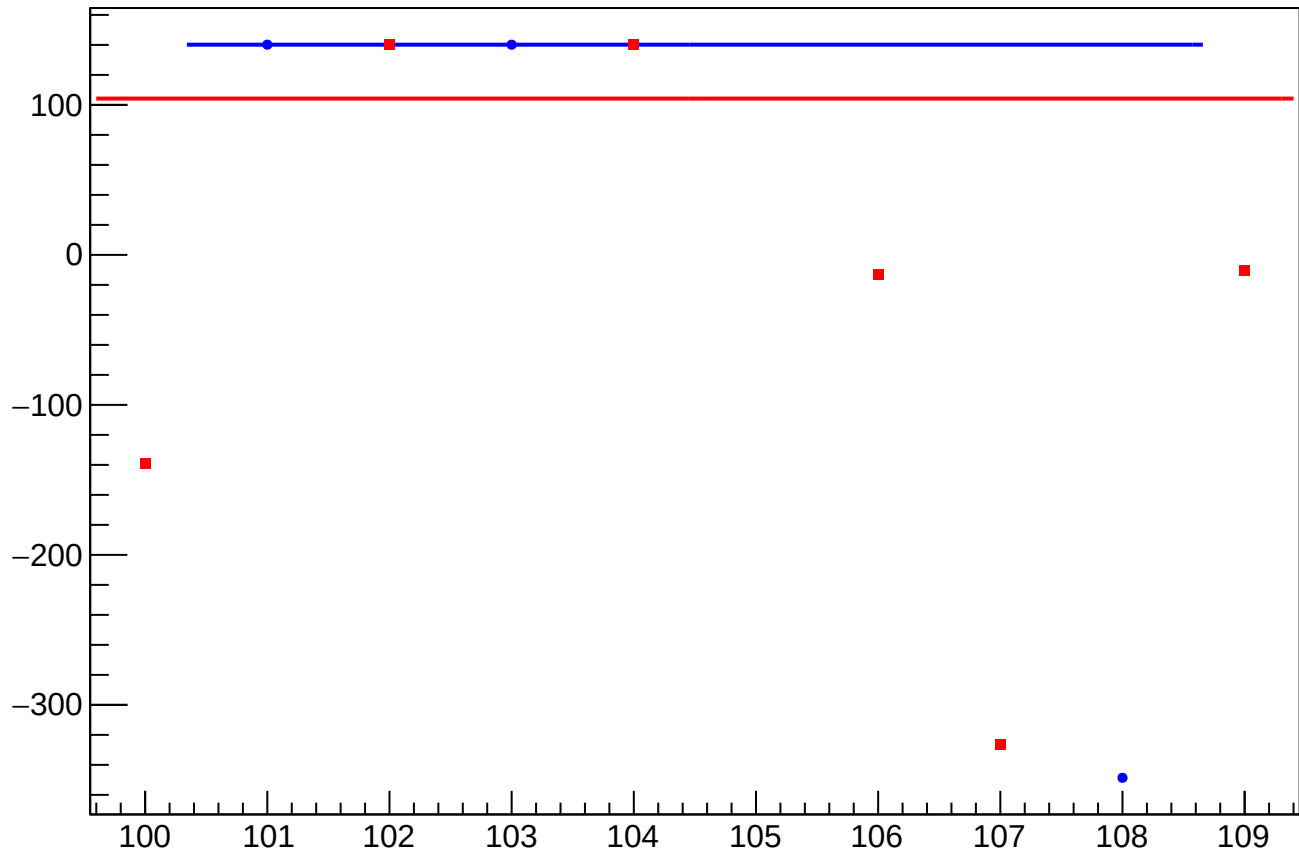
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1730037.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_mean vs Slug



Right In: 140.149 $\pm$ 0.000 χ^2 /NDF: 4928991044.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.227 $\pm$ 0.000 χ^2 /NDF: 1257297699744696.0/5

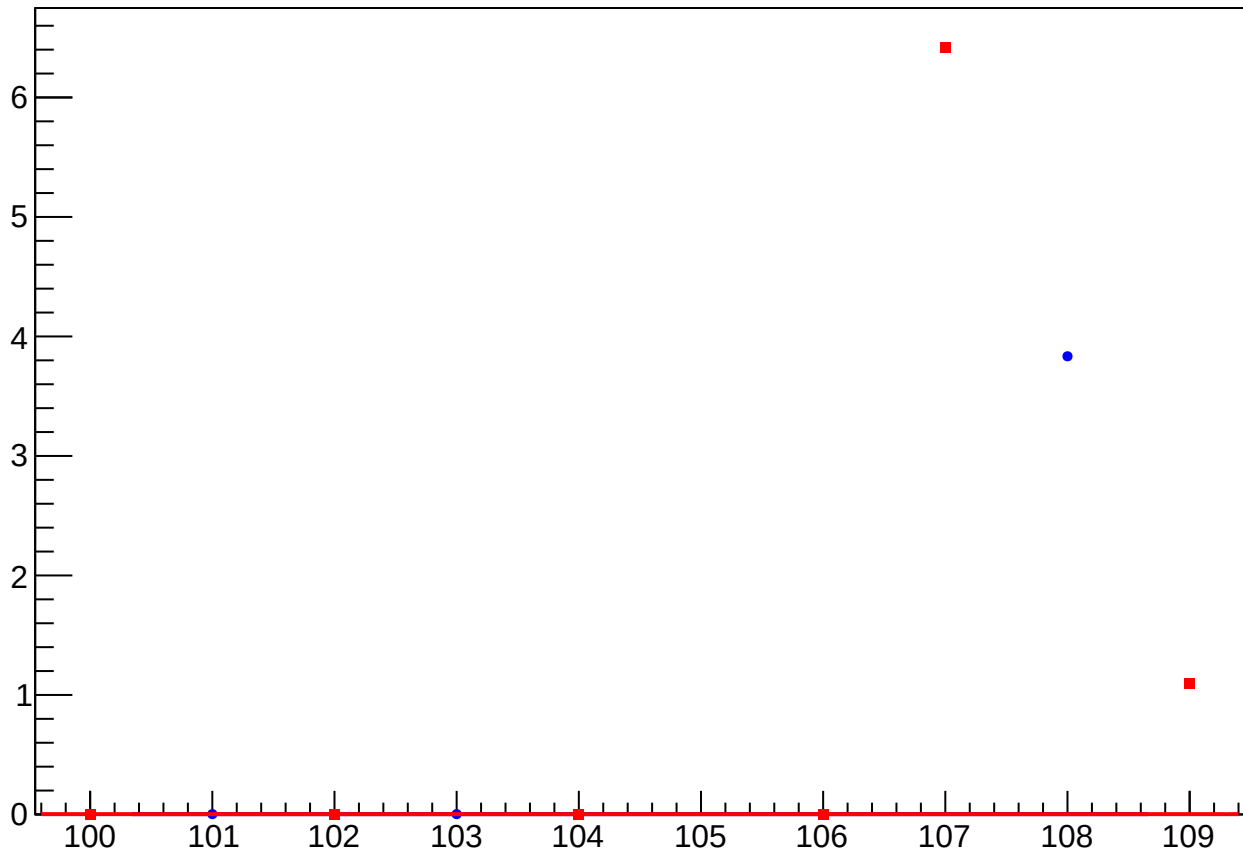
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.836 $\pm$ 0.000 χ^2 /NDF: 138062032073

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bY_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 608321.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 900016.8/5

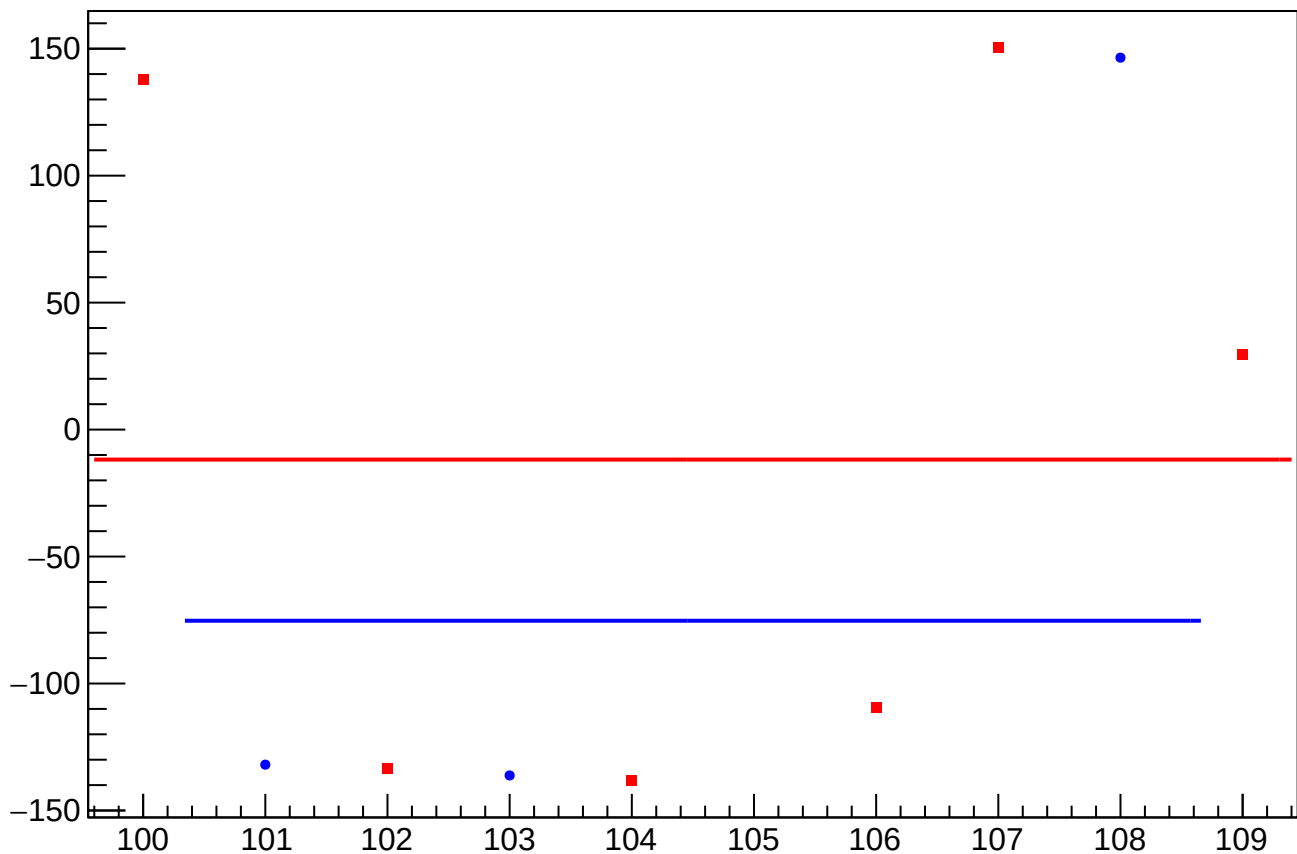
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1508480.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug



Right In: -75.276 $\pm$ 0.001 χ^2 /NDF: 6857350547.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.808 $\pm$ 0.001 χ^2 /NDF: 3510900142.0/5

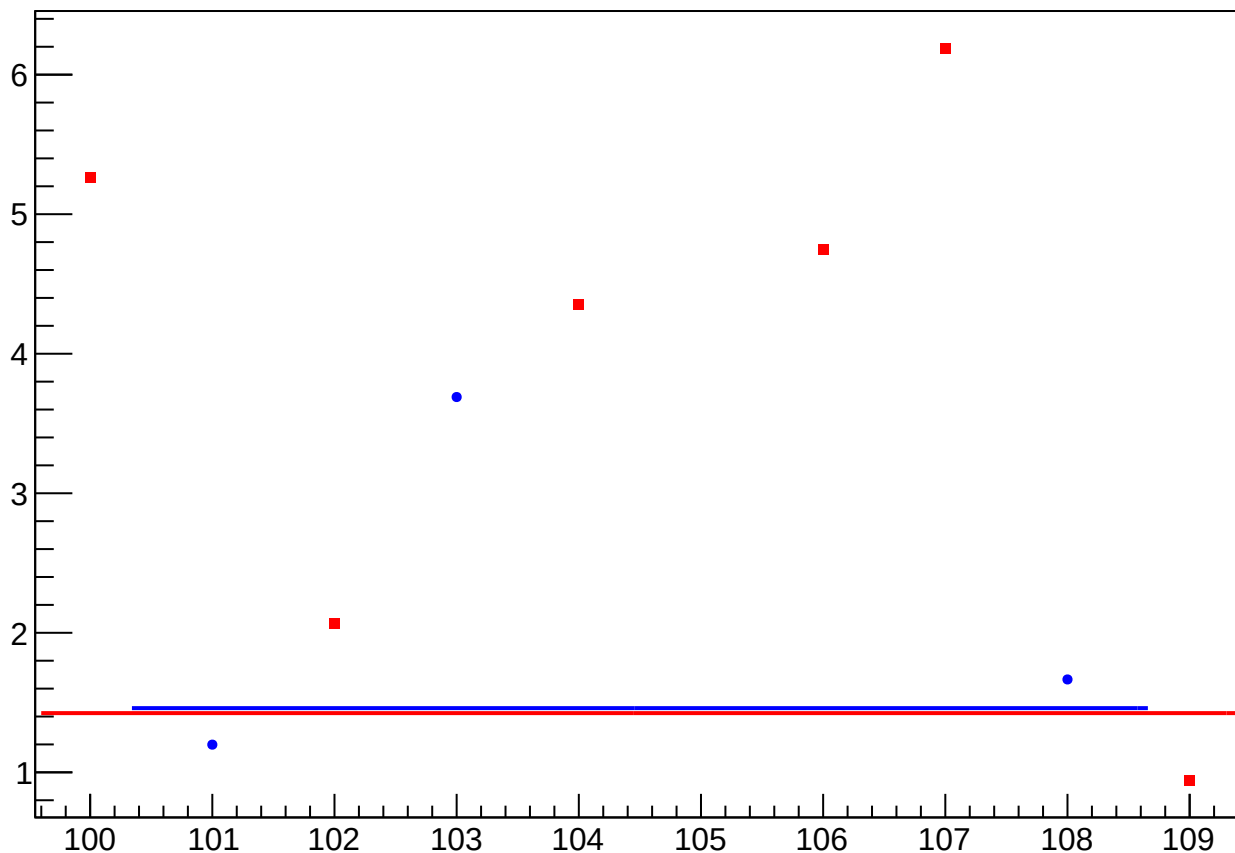
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.733 $\pm$ 0.001 χ^2 /NDF: 11557062929.7

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cX_rms vs Slug



Right In: 1.460 $\pm$ 0.001 χ^2 /NDF: 422952.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.424 $\pm$ 0.001 χ^2 /NDF: 1288143.1/5

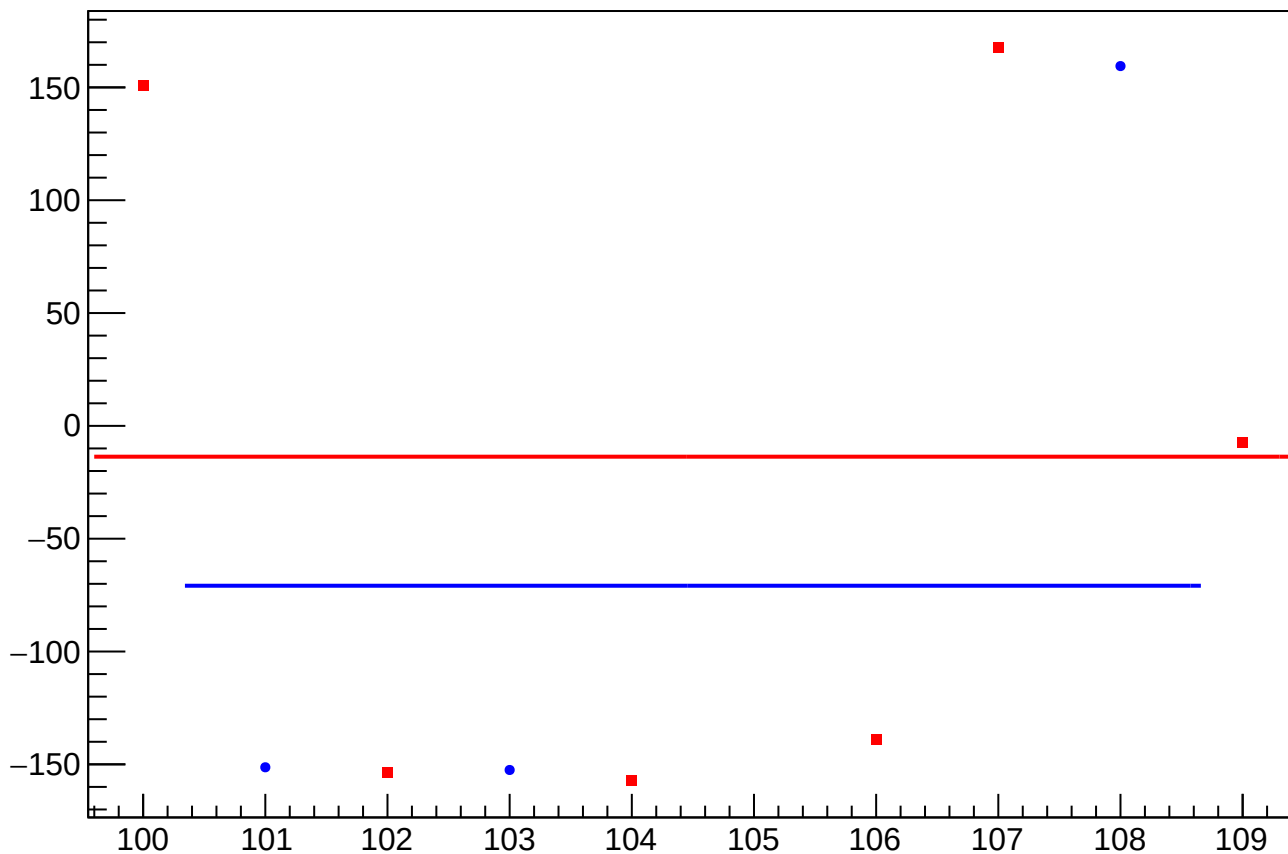
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.441 $\pm$ 0.001 χ^2 /NDF: 1711850.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cY_mean vs Slug



Right In: -70.845+/-0.003 χ^2/NDF : 2815508662.3/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

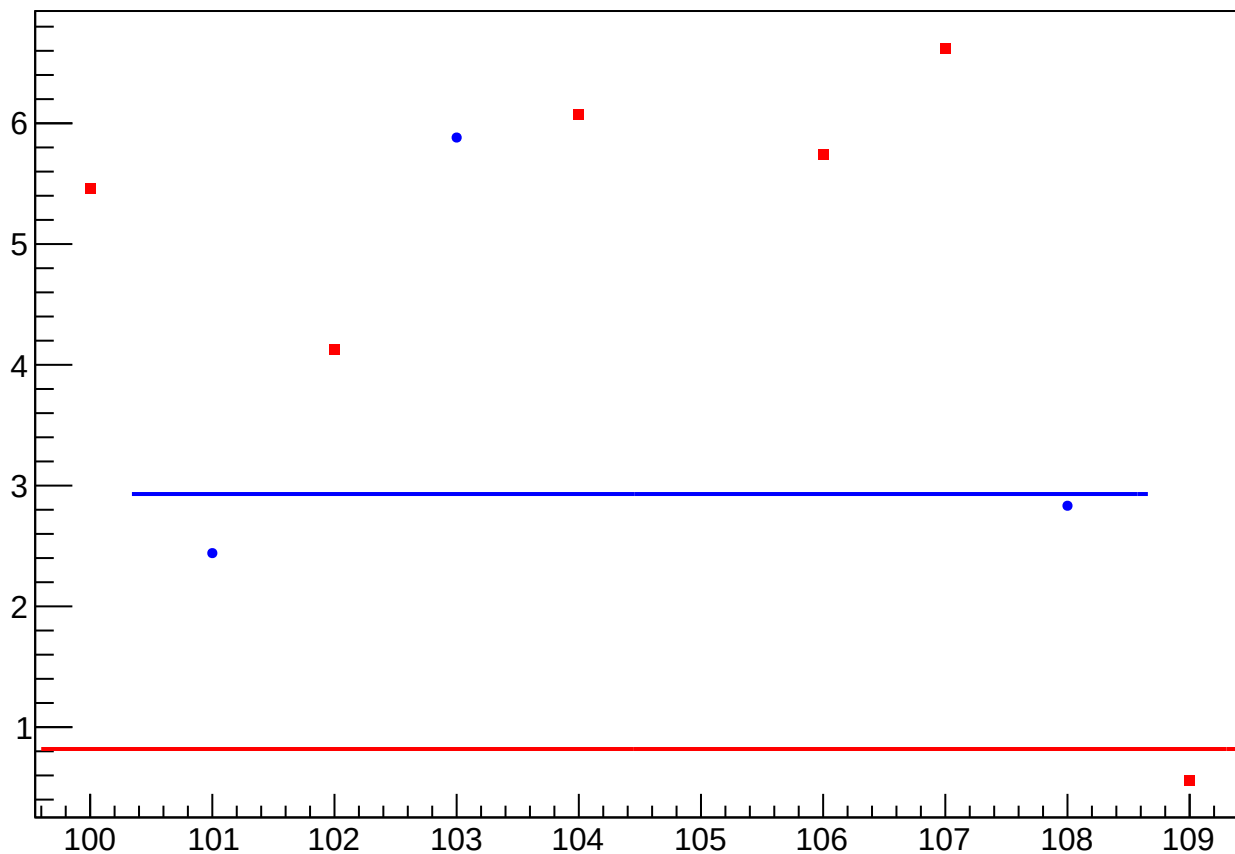
All: -21.141+/-0.001 χ^2/NDF : 4525655909.0/5

Right Out: -13.656+/-0.001 χ^2/NDF : 1279194005.9/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug



Right In: 2.930 $\pm$ 0.002 χ^2 /NDF: 343889.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.819 $\pm$ 0.001 χ^2 /NDF: 2307950.9/5

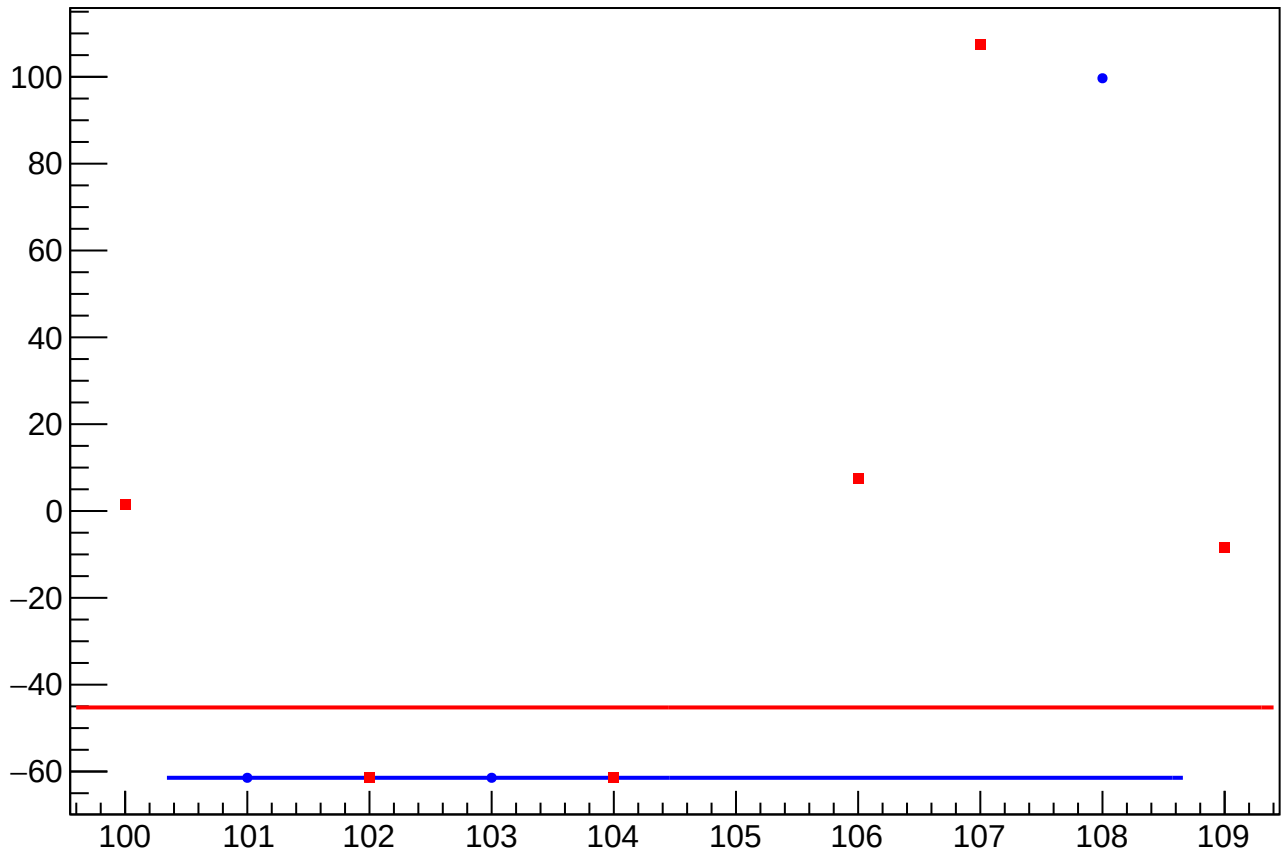
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.095 $\pm$ 0.001 χ^2 /NDF: 3826536.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dX_mean vs Slug



Right In: -61.448+/-0.000 χ^2/NDF : 34491728602.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

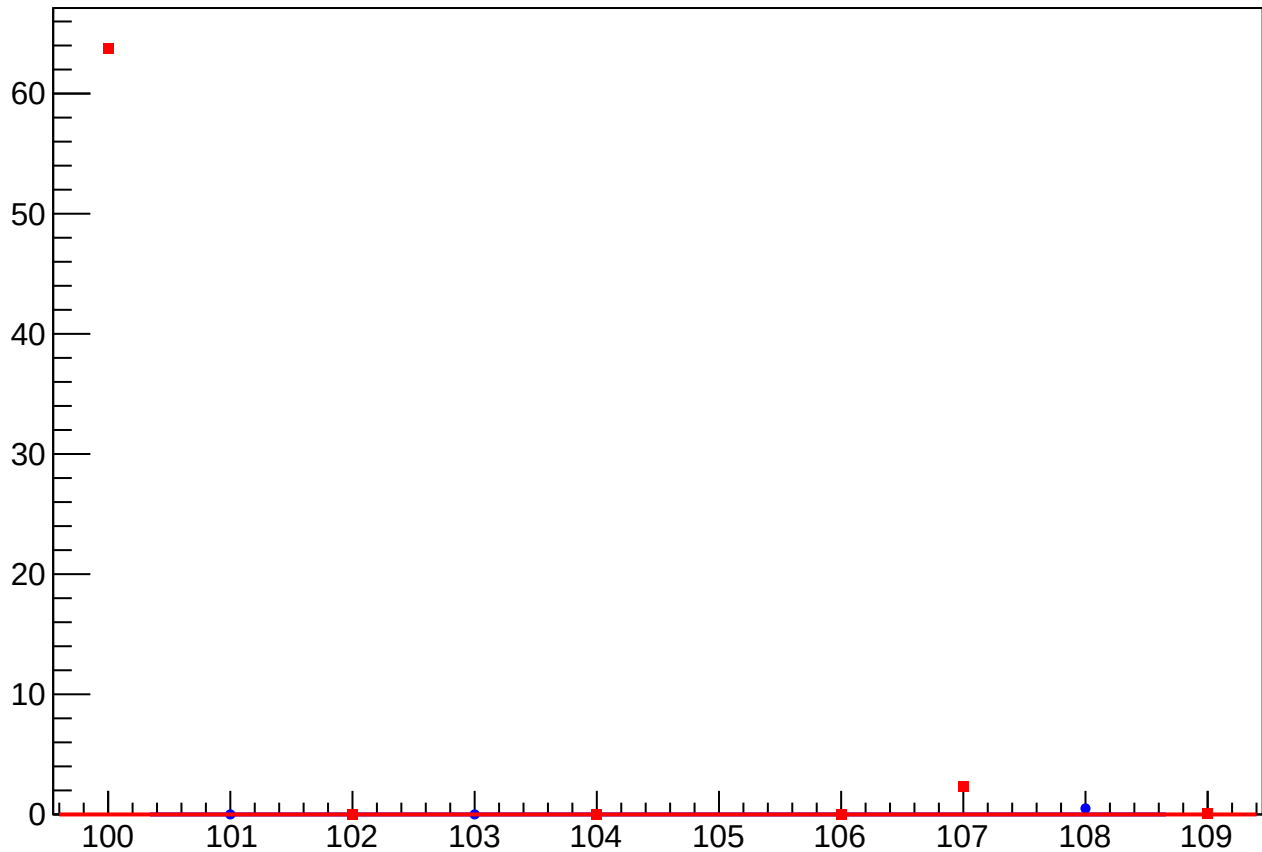
Right Out: -45.247+/-0.000 χ^2/NDF : 357829993504138.8/5

All: -52.755+/-0.000 χ^2/NDF : 408897553951

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 662994.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 898254.1/5

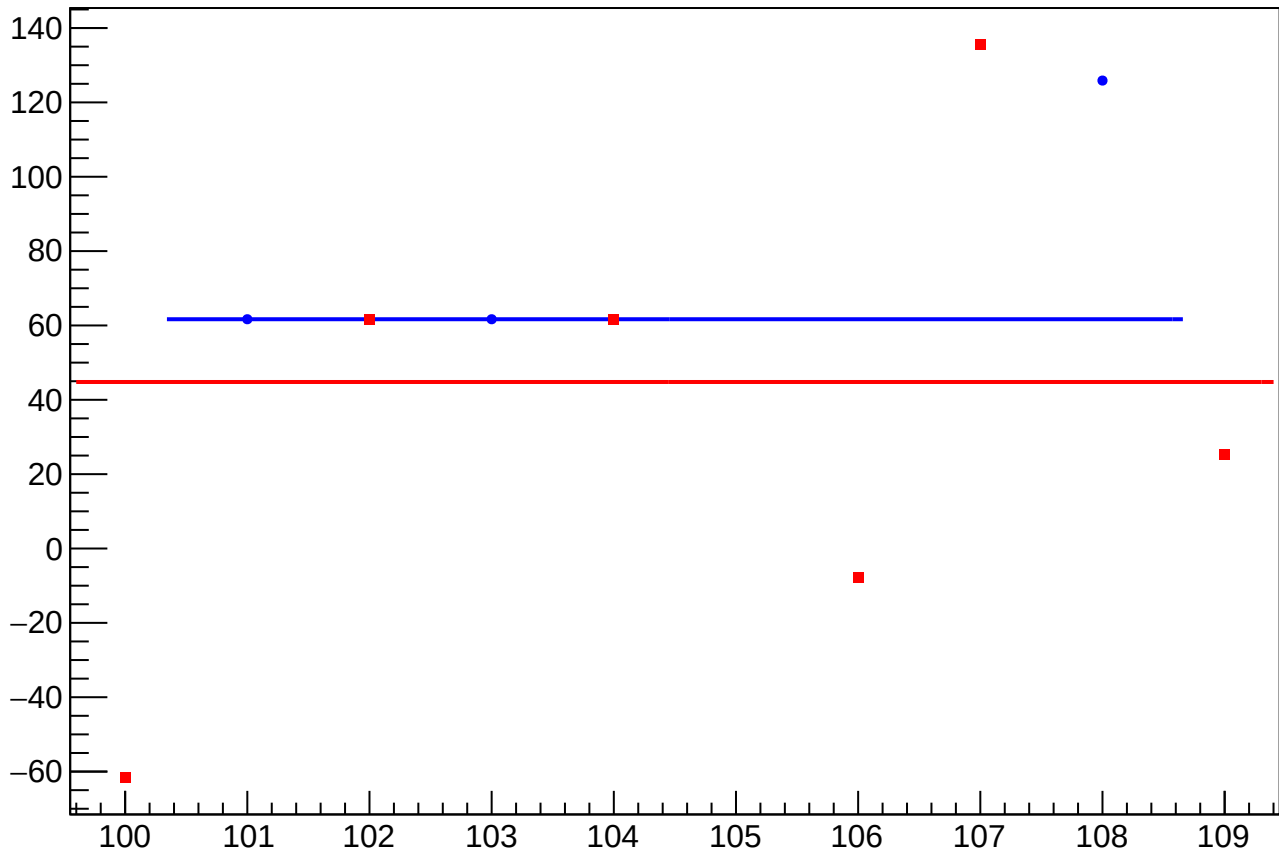
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1561282.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug



Right In: 61.673+/-0.000 χ^2/NDF : 2396336936.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.793+/-0.000 χ^2/NDF : 365870095741401.3/5

All: 52.698+/-0.000 χ^2/NDF : 4169947230440

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 674456.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 927231.2/5

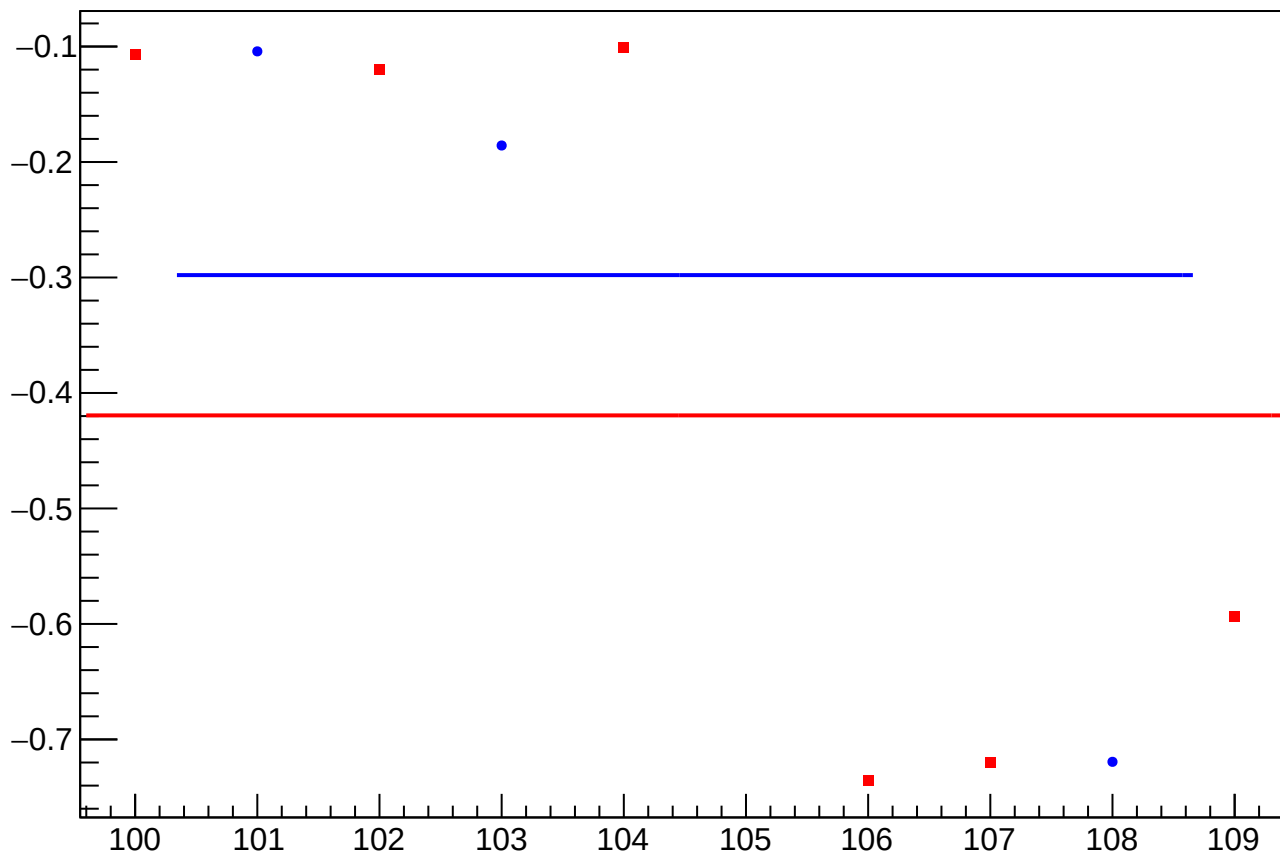
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1601940.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_mean vs Slug



Right In: -0.298+/-0.000 χ^2/NDF : 60391492.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.419+/-0.000 χ^2/NDF : 75564745.3/5

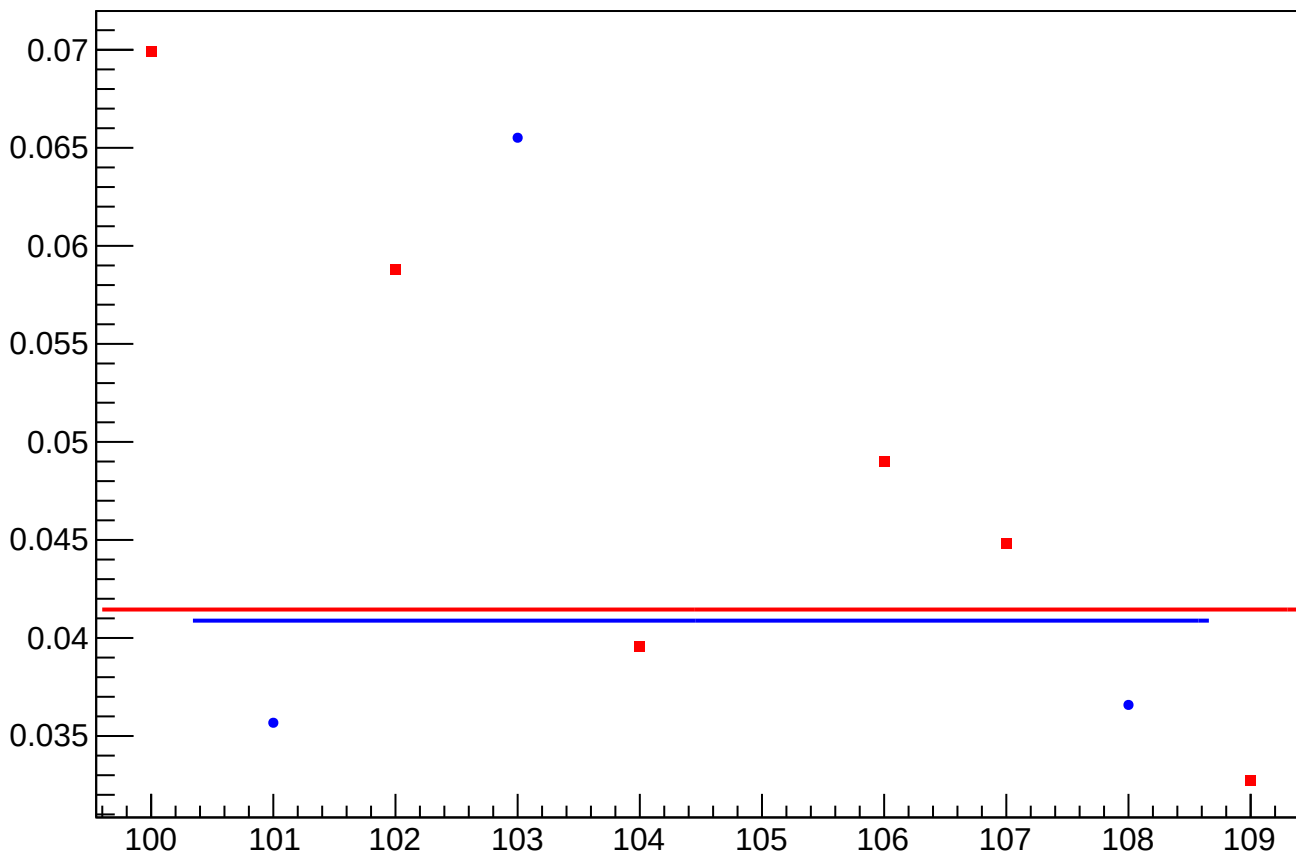
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.367+/-0.000 χ^2/NDF : 142807821.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_rms vs Slug



Right In: 0.041 $\pm$ 0.000 χ^2 /NDF: 195595.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.041 $\pm$ 0.000 χ^2 /NDF: 204251.5/5

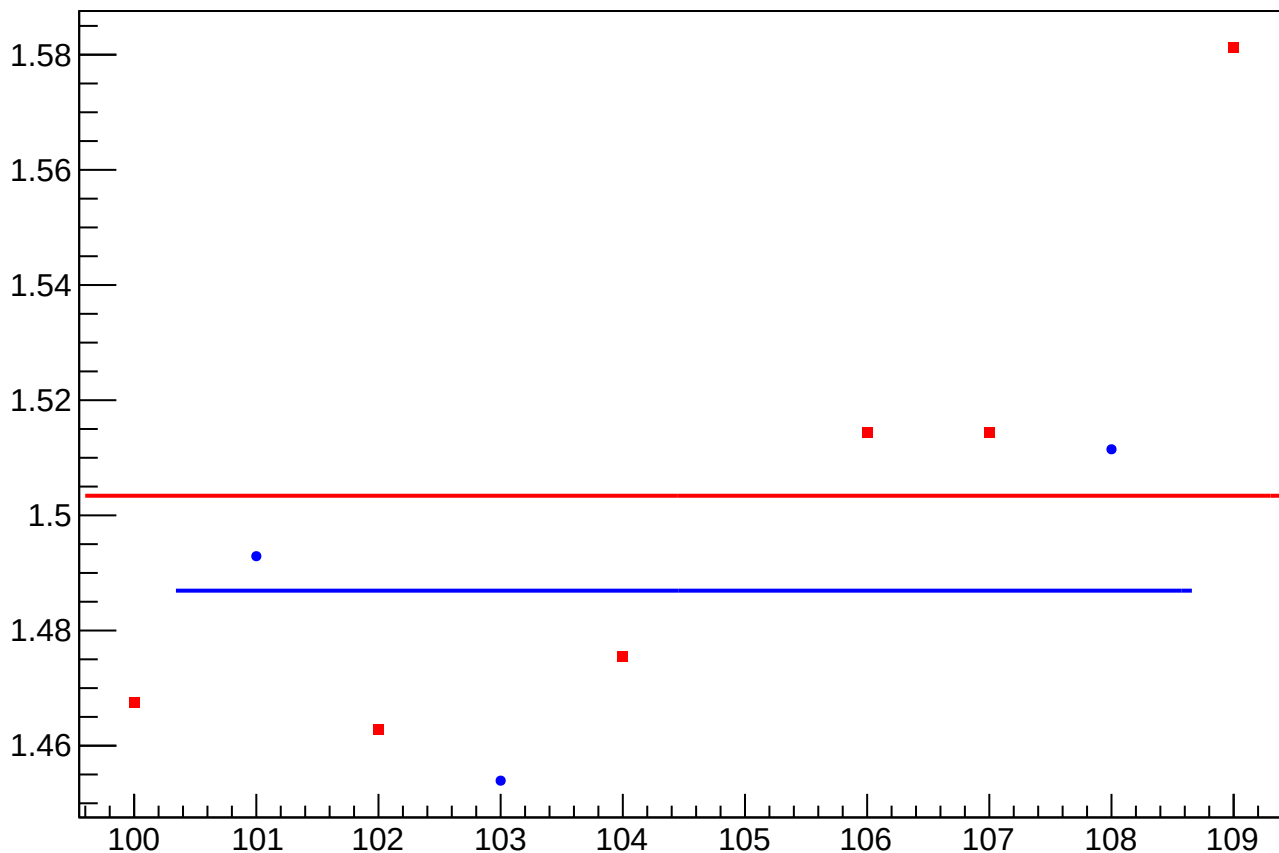
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.000 χ^2 /NDF: 400145.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 1.487 $\pm$ 0.000 χ^2 /NDF: 2836486.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.503 $\pm$ 0.000 χ^2 /NDF: 12350037.5/5

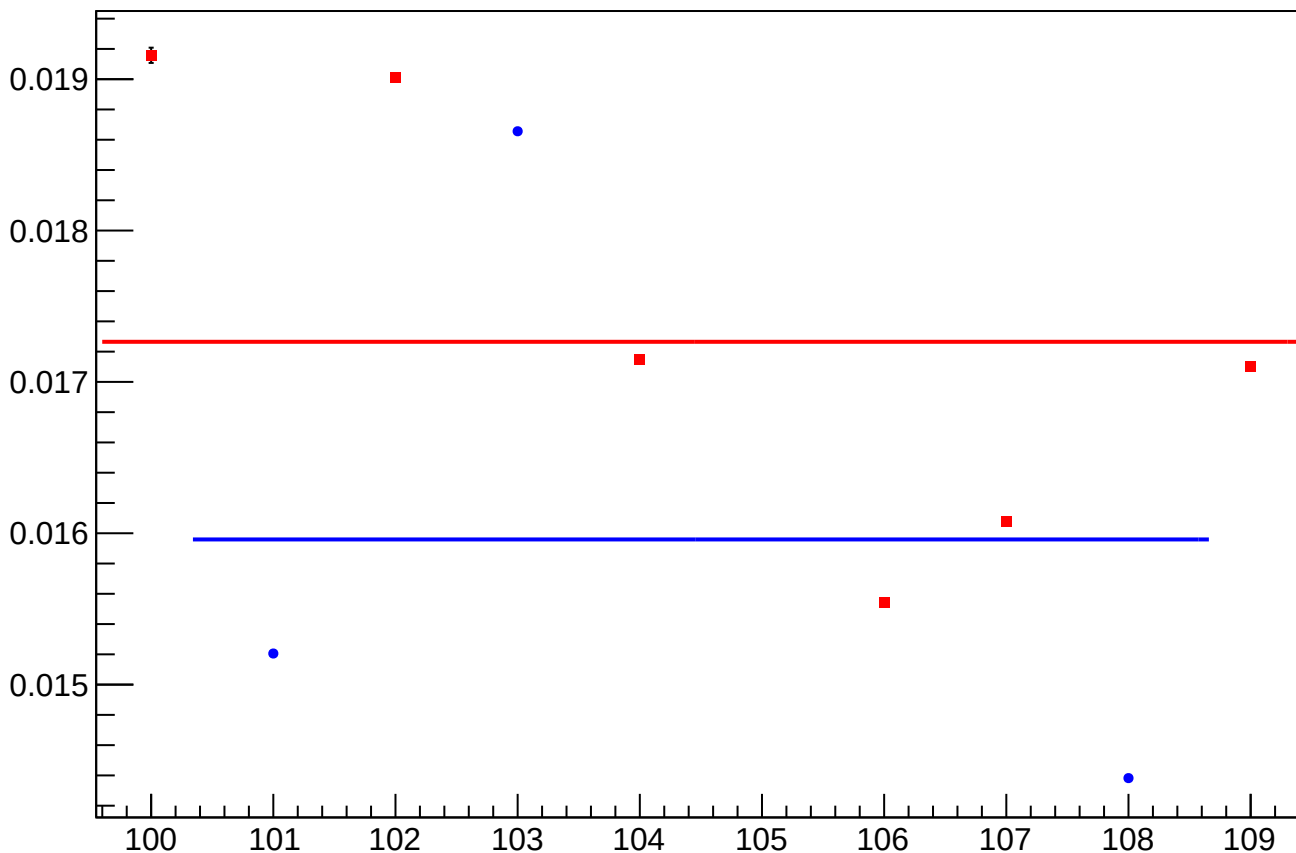
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.496 $\pm$ 0.000 χ^2 /NDF: 16035327.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_rms vs Slug



Right In: 0.016 $\pm$ 0.000 χ^2 /NDF: 34715.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.000 χ^2 /NDF: 20798.7/5

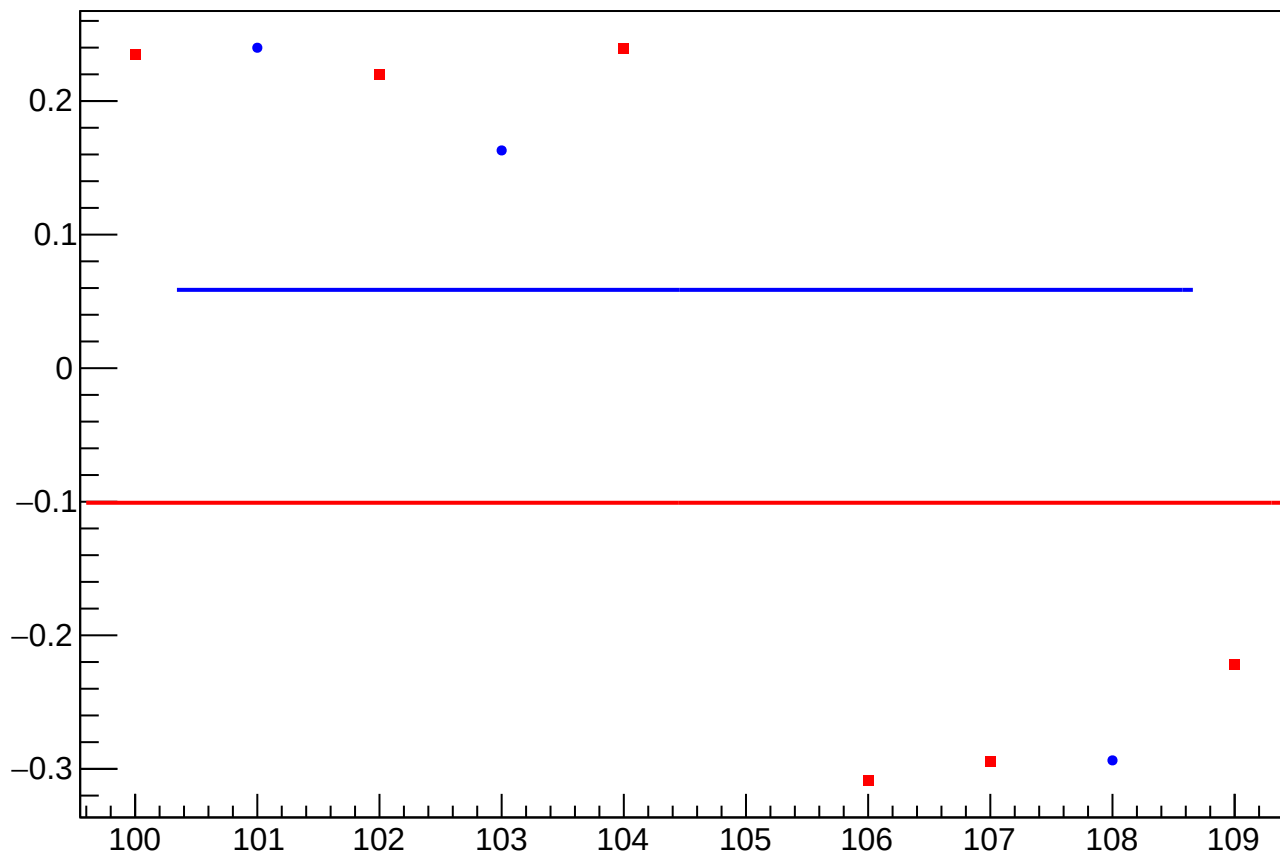
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.000 χ^2 /NDF: 66170.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eX_mean vs Slug



Right In: 0.059 $\pm$ 0.000 χ^2 /NDF: 44197602.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.101 $\pm$ 0.000 χ^2 /NDF: 66777333.3/5

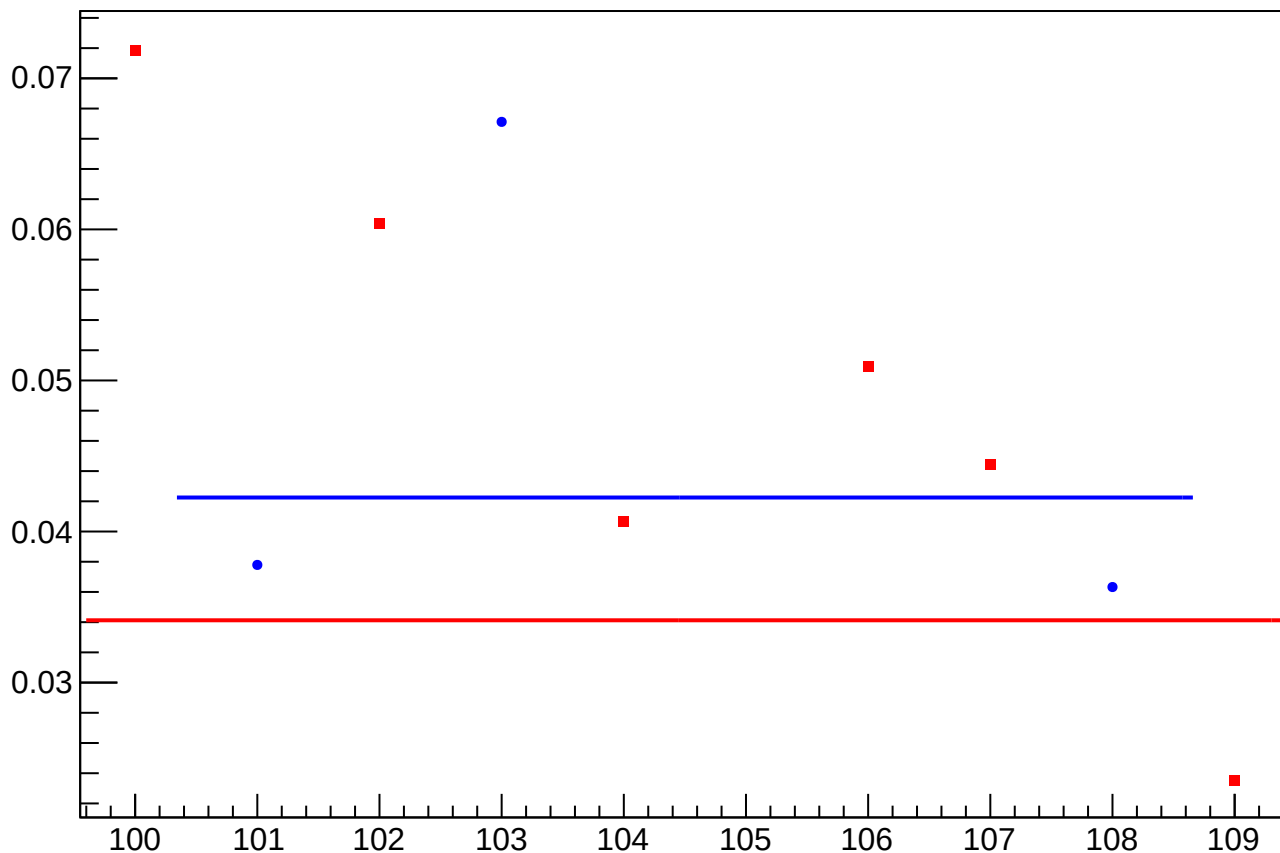
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.046 $\pm$ 0.000 χ^2 /NDF: 123681071.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 190900.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.034 $\pm$ 0.000 χ^2 /NDF: 537779.8/5

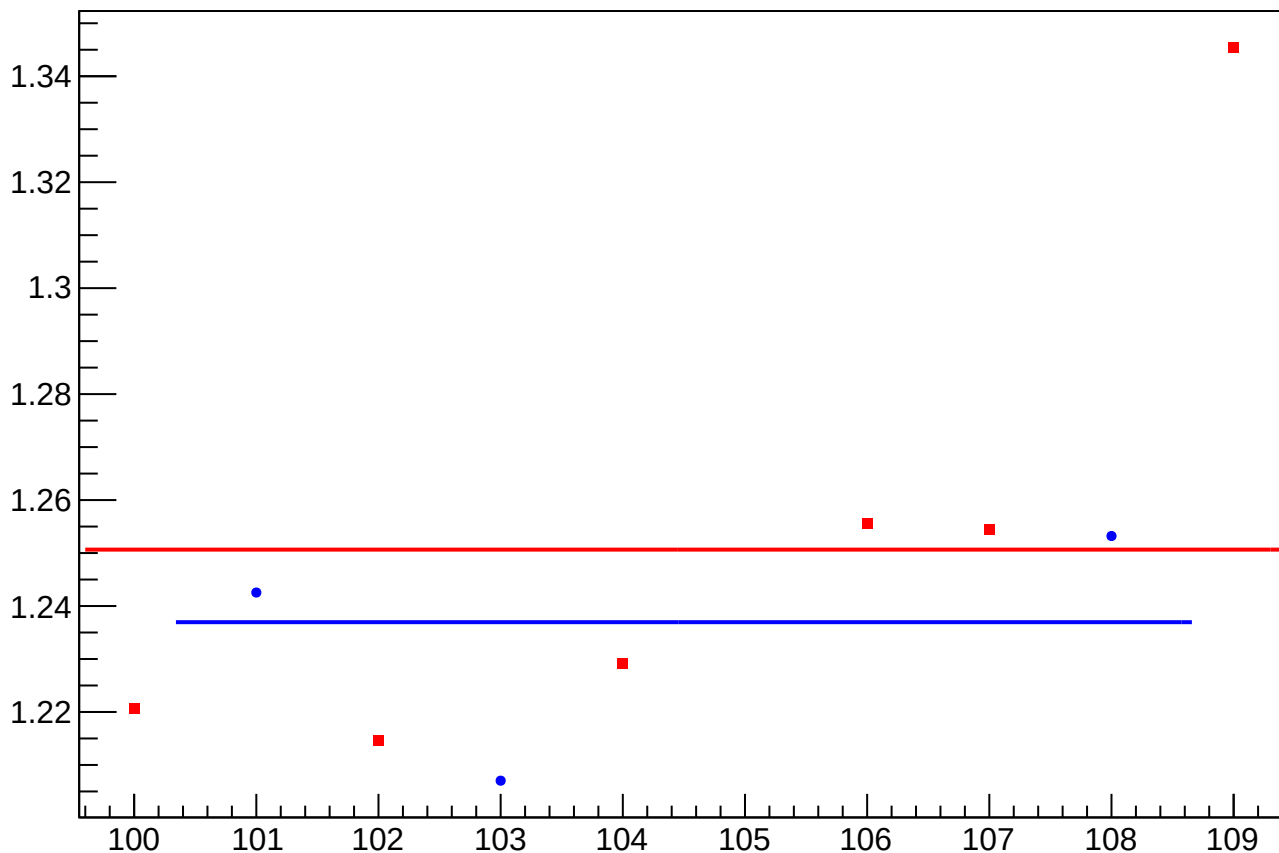
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.037 $\pm$ 0.000 χ^2 /NDF: 794743.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 1.237+/-0.000 χ^2/NDF : 2836134.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.251+/-0.000 χ^2/NDF : 16620788.0/5

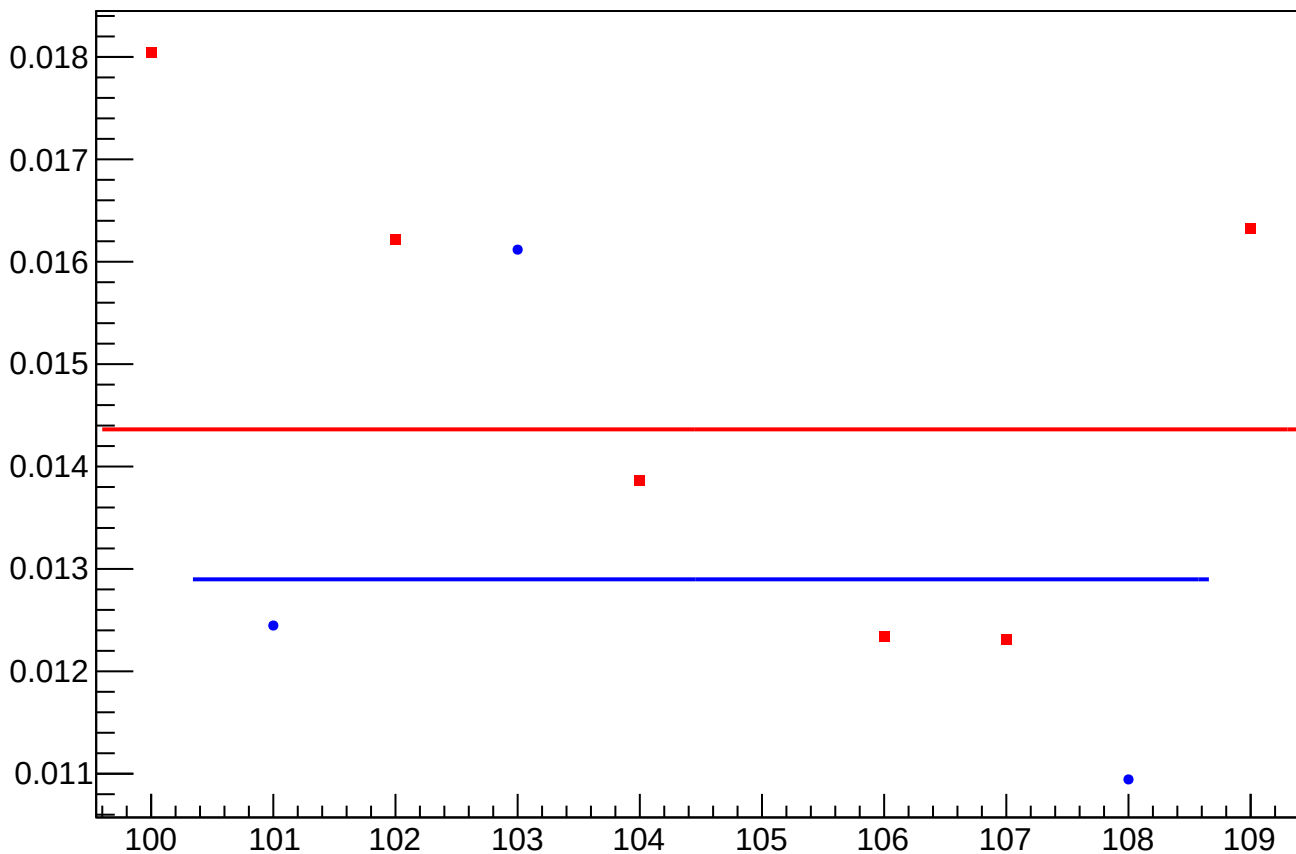
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.244+/-0.000 χ^2/NDF : 20314083.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 68705.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 60097.8/5

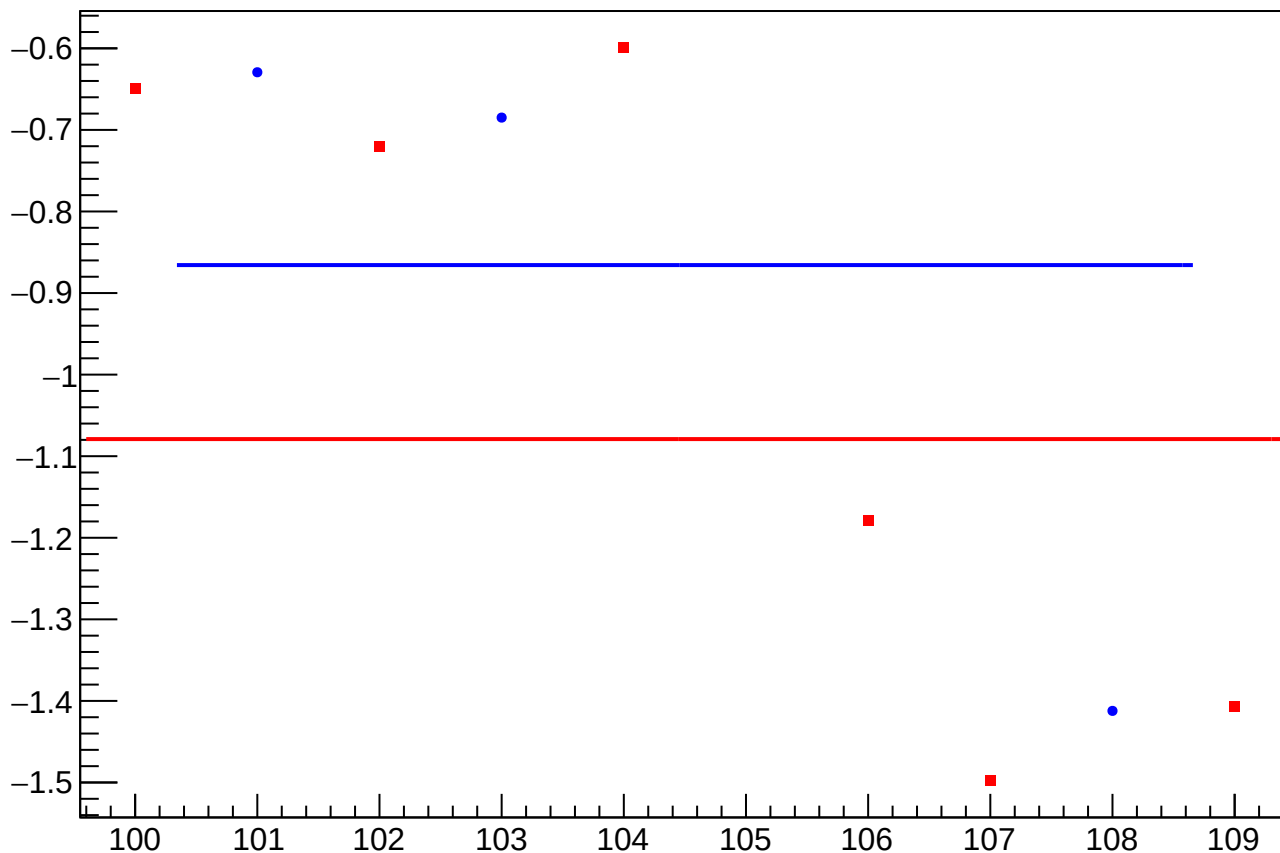
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 148397.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acX_mean vs Slug



Right In: -0.866+/-0.000 χ^2/NDF : 101536260.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.079+/-0.000 χ^2/NDF : 155432750.2/5

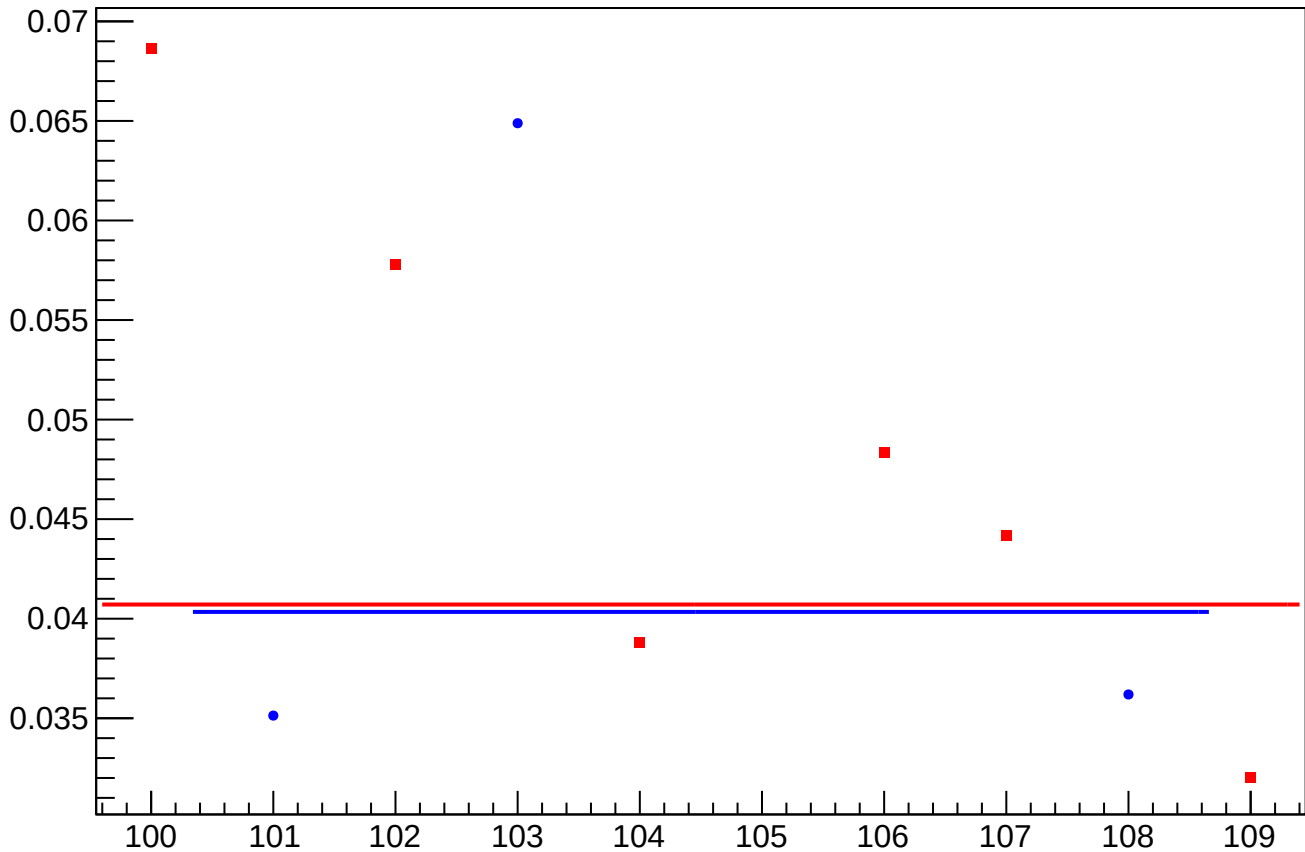
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.988+/-0.000 χ^2/NDF : 278642466.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_rms vs Slug



Right In: 0.040 $\pm$ 0.000 χ^2 /NDF: 197211.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.041 $\pm$ 0.000 χ^2 /NDF: 207006.9/5

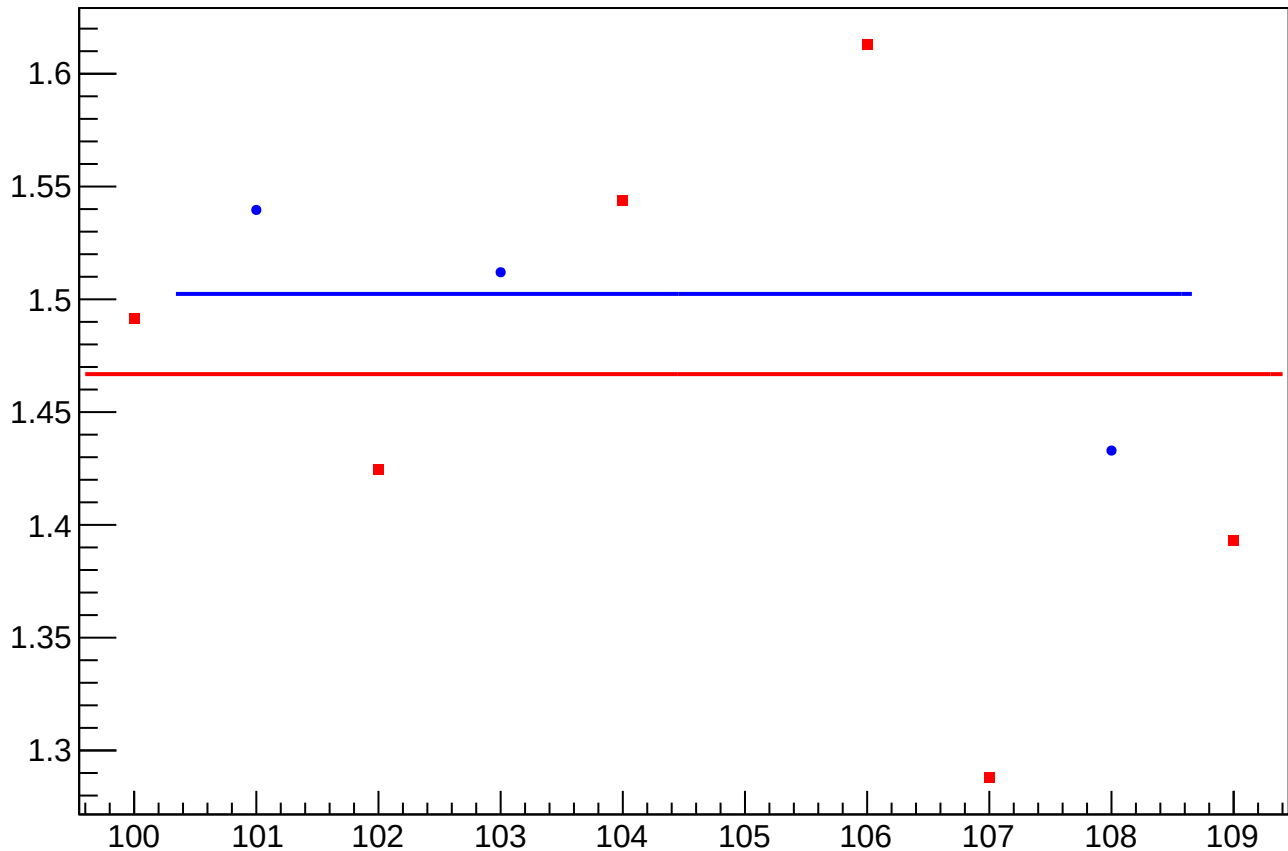
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.041 $\pm$ 0.000 χ^2 /NDF: 404349.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 1.502 $\pm$ 0.000 χ^2 /NDF: 10318082.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.467 $\pm$ 0.000 χ^2 /NDF: 67462446.3/5

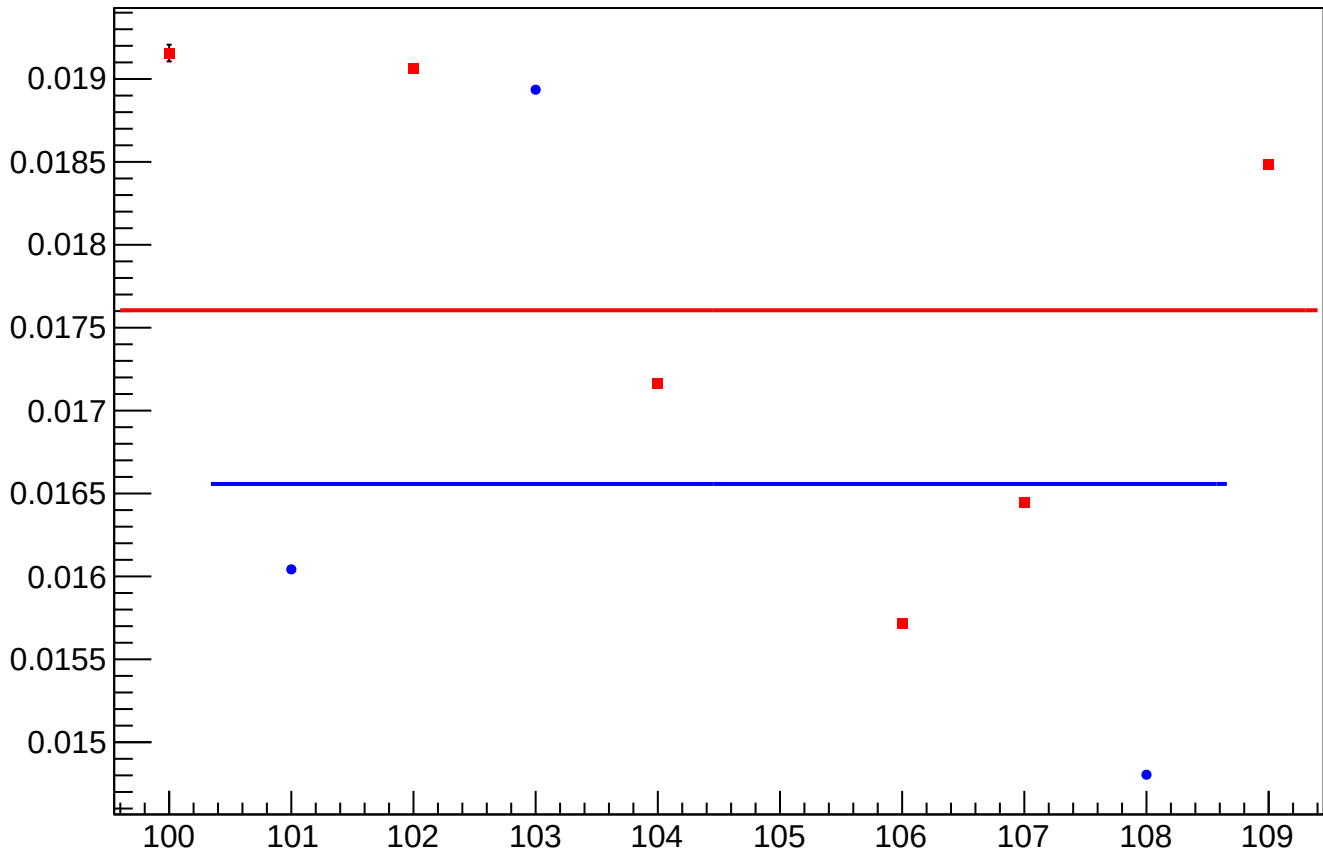
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.483 $\pm$ 0.000 χ^2 /NDF: 81477566.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acY_rms vs Slug



Right In: 0.017+/-0.000 χ^2/NDF : 27842.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.018+/-0.000 χ^2/NDF : 20367.4/5

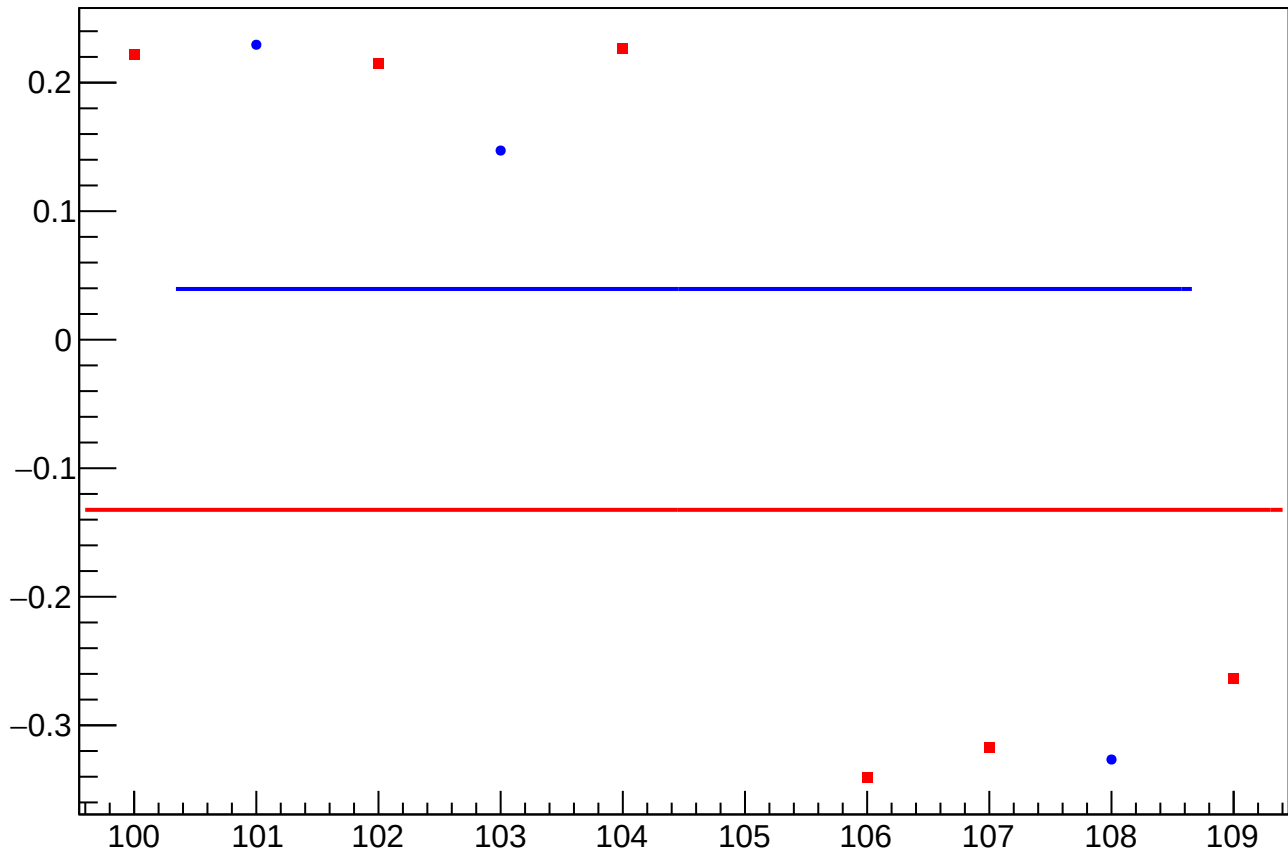
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.000 χ^2/NDF : 54625.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug



Right In: 0.039 $\pm$ 0.000 χ^2 /NDF: 47236441.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.132 $\pm$ 0.000 χ^2 /NDF: 72595489.7/5

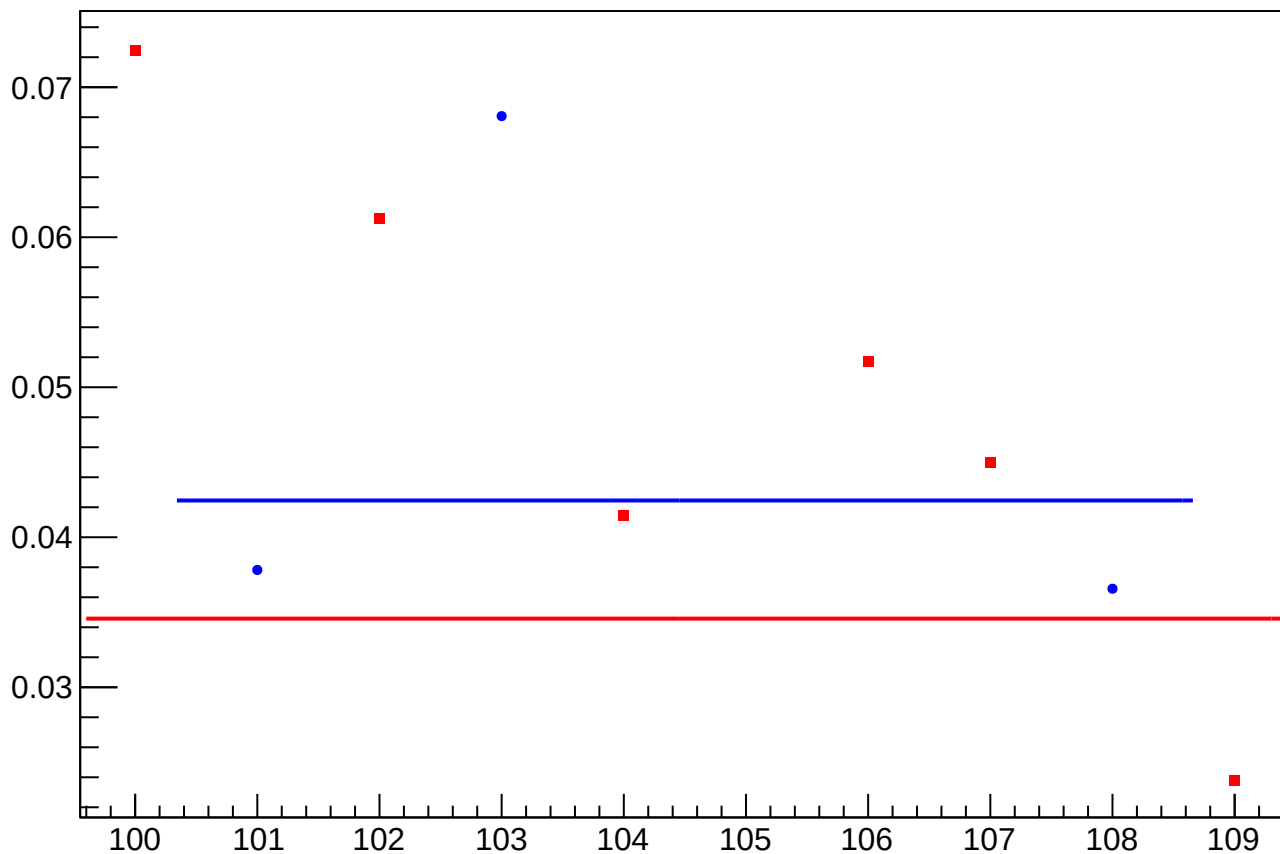
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.073 $\pm$ 0.000 χ^2 /NDF: 134287725.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.042+/-0.000 χ^2/NDF : 196449.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 542703.0/5

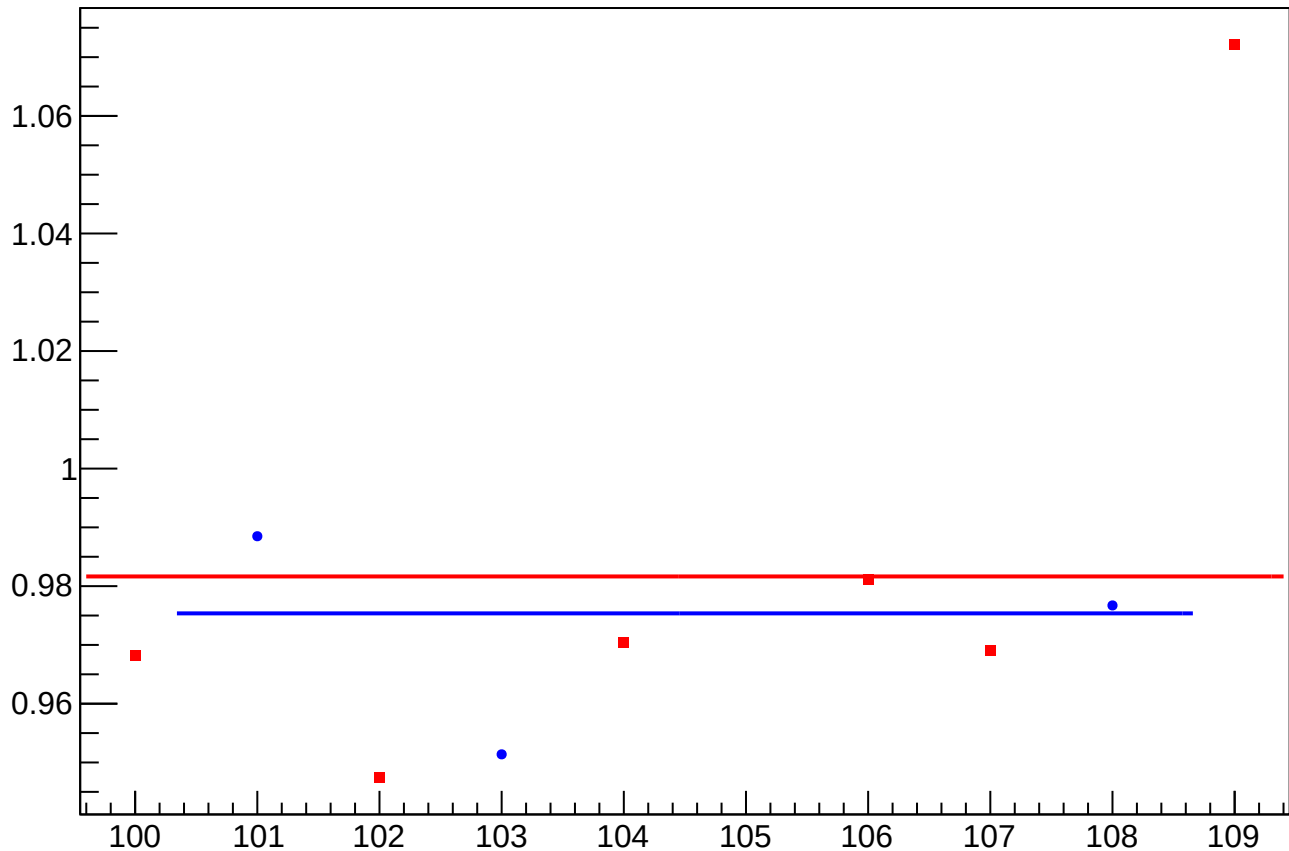
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.037+/-0.000 χ^2/NDF : 799875.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.975+/-0.000 χ^2/NDF : 1877026.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.982+/-0.000 χ^2/NDF : 14606744.0/5

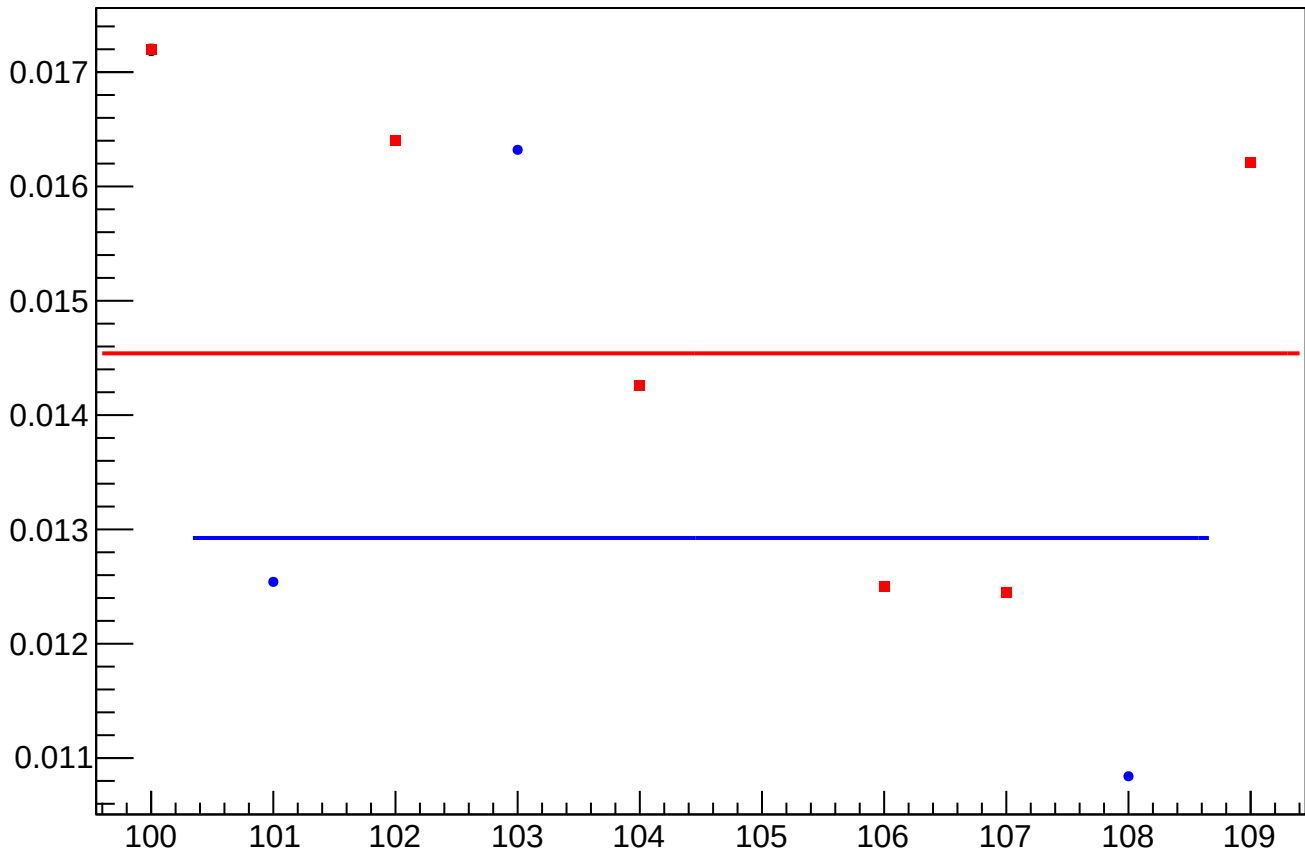
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.979+/-0.000 χ^2/NDF : 16661695.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_rms vs Slug



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 75602.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.000 χ^2 /NDF: 53962.1/5

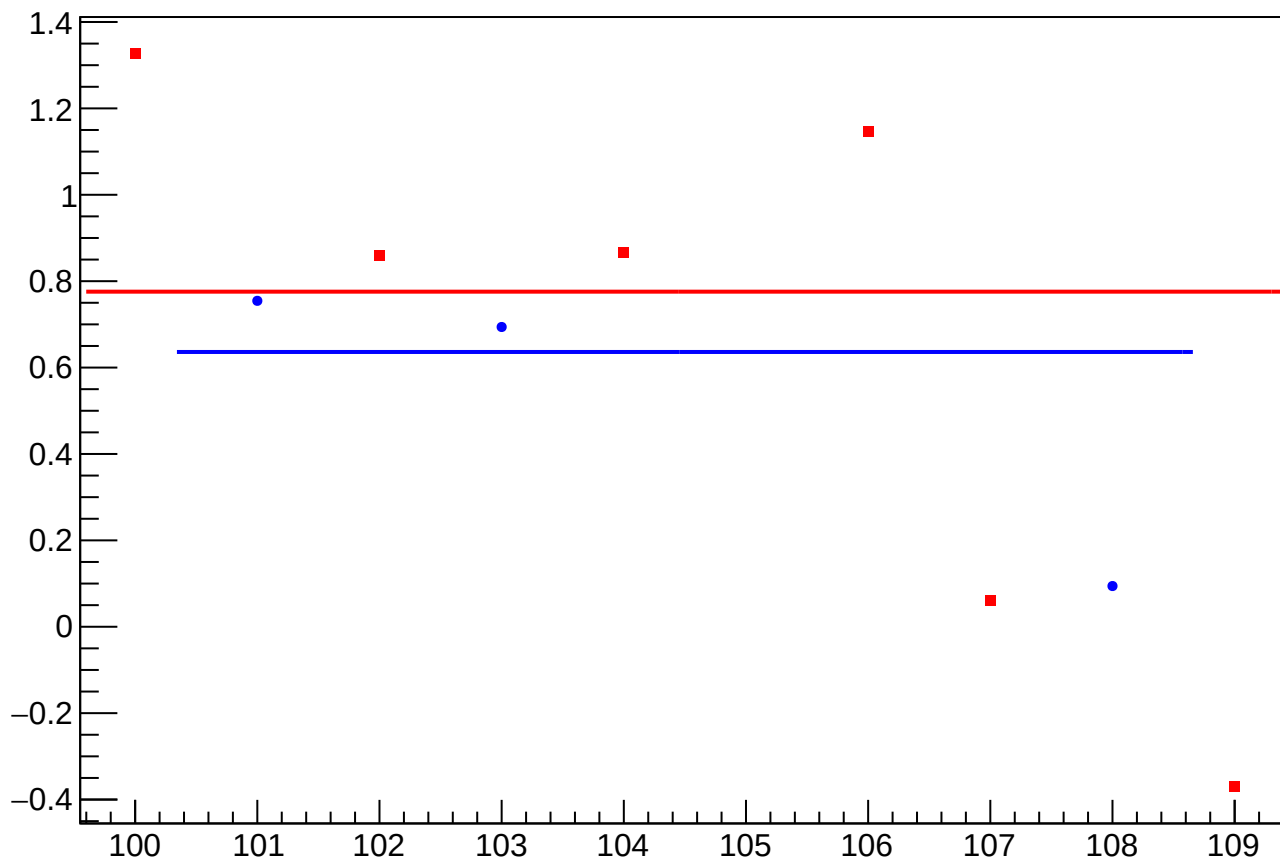
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 153079.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1X_mean vs Slug



Right In: 0.636 $\pm$ 0.000 χ^2 /NDF: 66749600.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.776 $\pm$ 0.000 χ^2 /NDF: 141334759.0/5

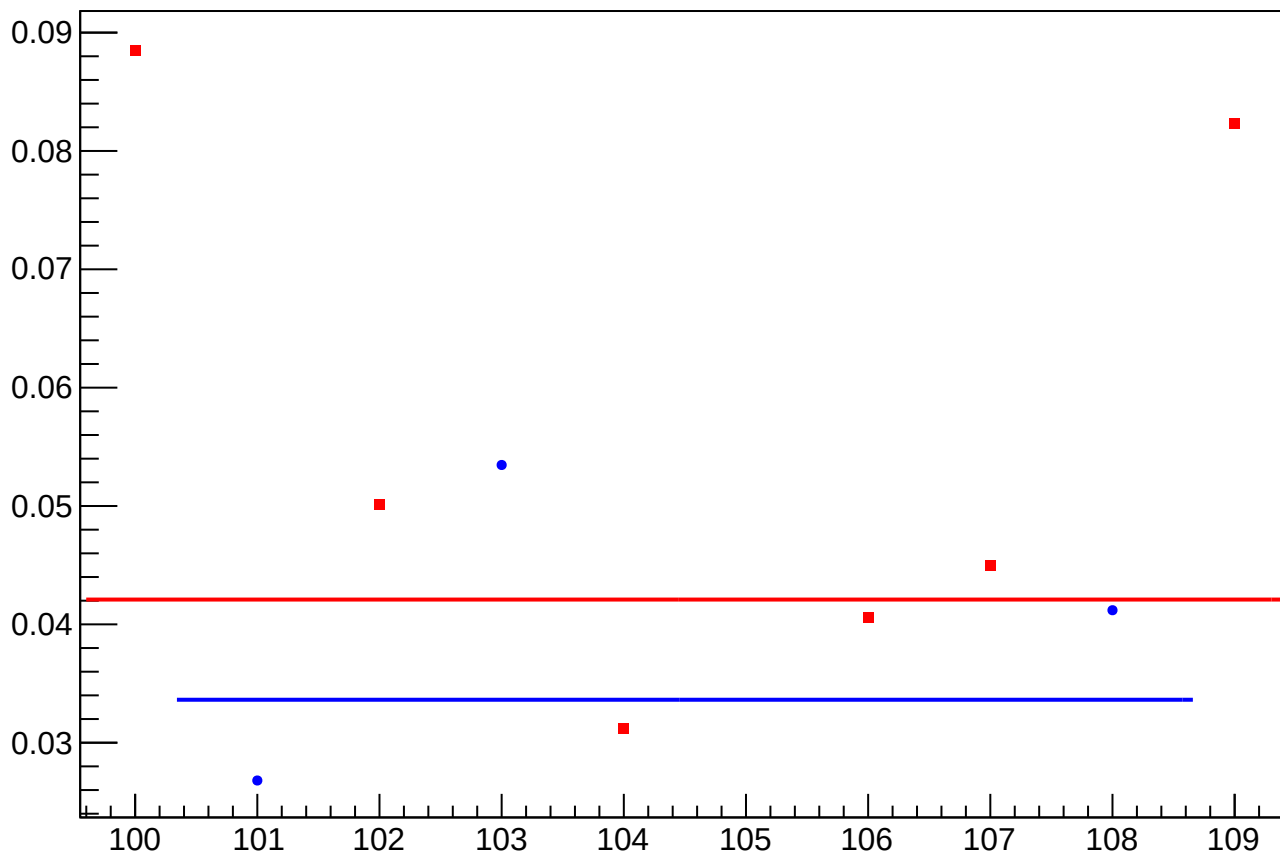
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.698 $\pm$ 0.000 χ^2 /NDF: 218063931.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1X_rms vs Slug



Right In: 0.034 $\pm$ 0.000 χ^2 /NDF: 244535.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 360666.7/5

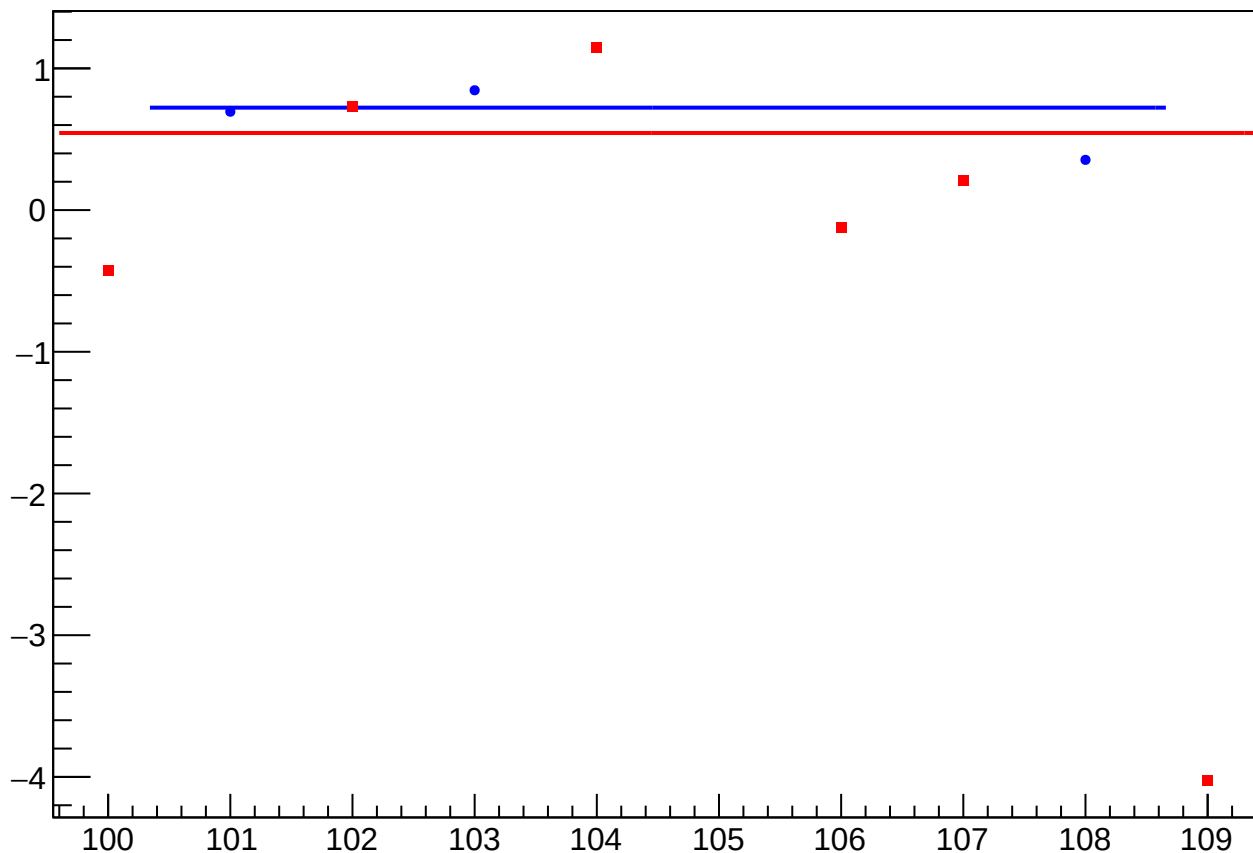
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.037 $\pm$ 0.000 χ^2 /NDF: 678583.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1Y_mean vs Slug



Right In: 0.723+/-0.000 χ^2/NDF : 63190082.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.544+/-0.000 χ^2/NDF : 3004581220.8/5

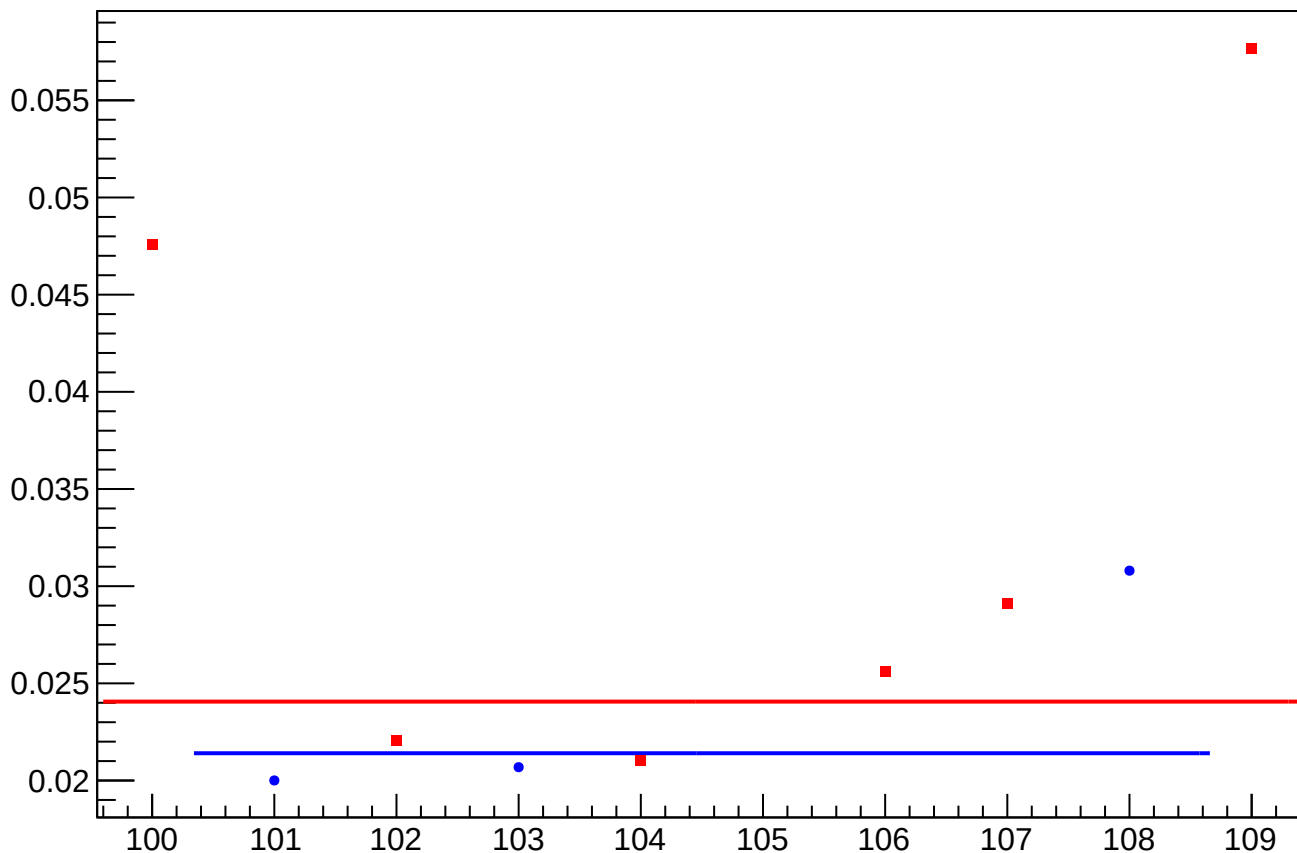
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.634+/-0.000 χ^2/NDF : 3116205912.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_rms vs Slug



Right In: 0.021+/-0.000 χ^2/NDF : 62513.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 318747.2/5

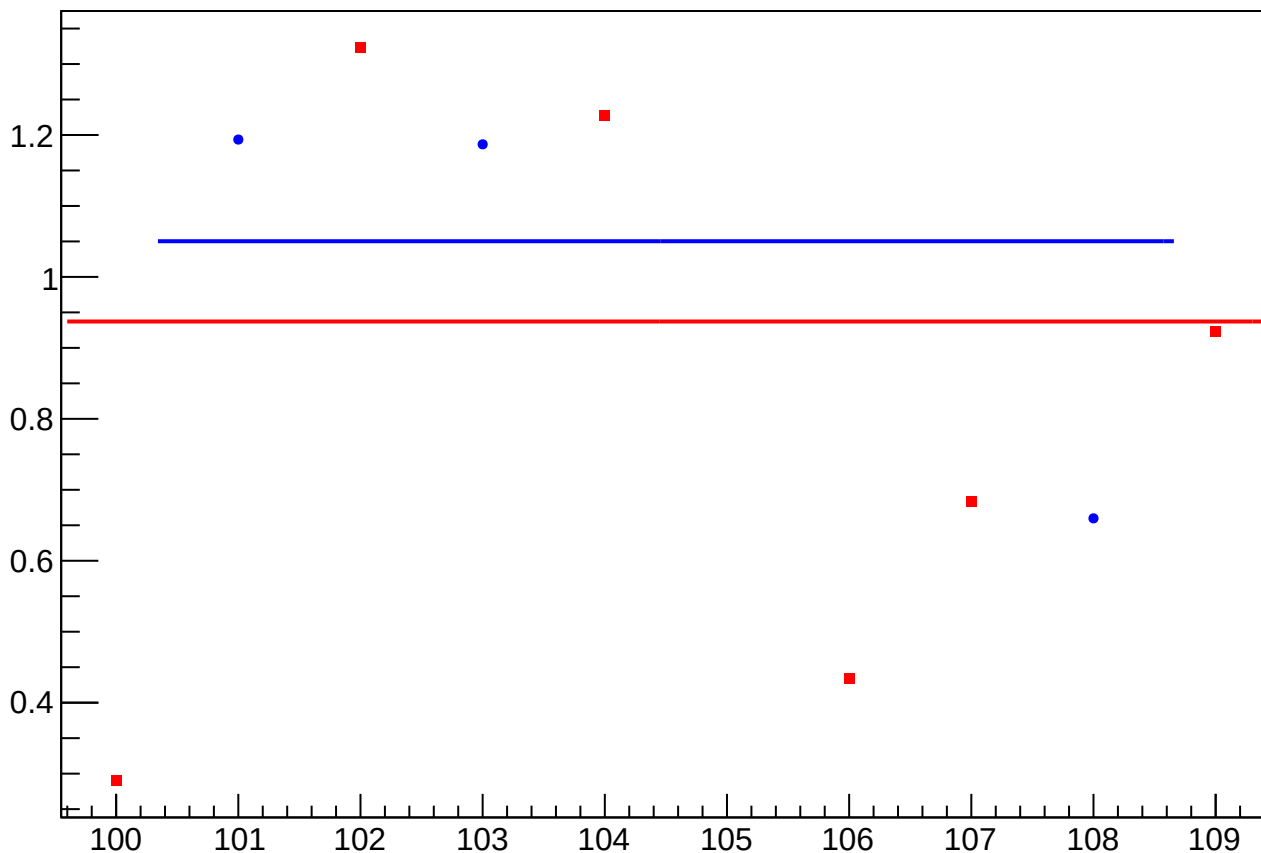
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 402647.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_mean vs Slug



Right In: 1.050+/-0.000 χ^2/NDF : 200616166.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.937+/-0.000 χ^2/NDF : 440232190.7/5

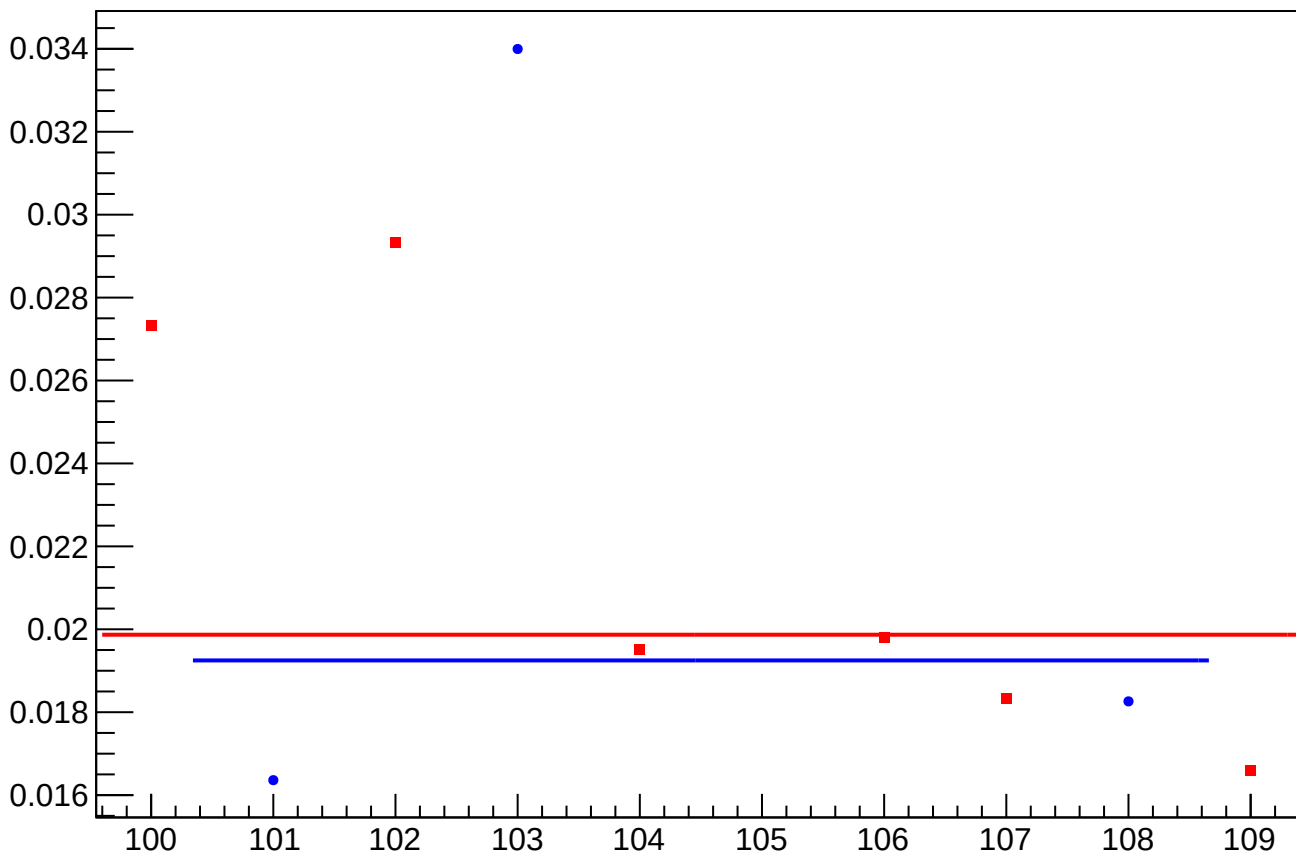
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.986+/-0.000 χ^2/NDF : 667230896.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 250381.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 164509.9/5

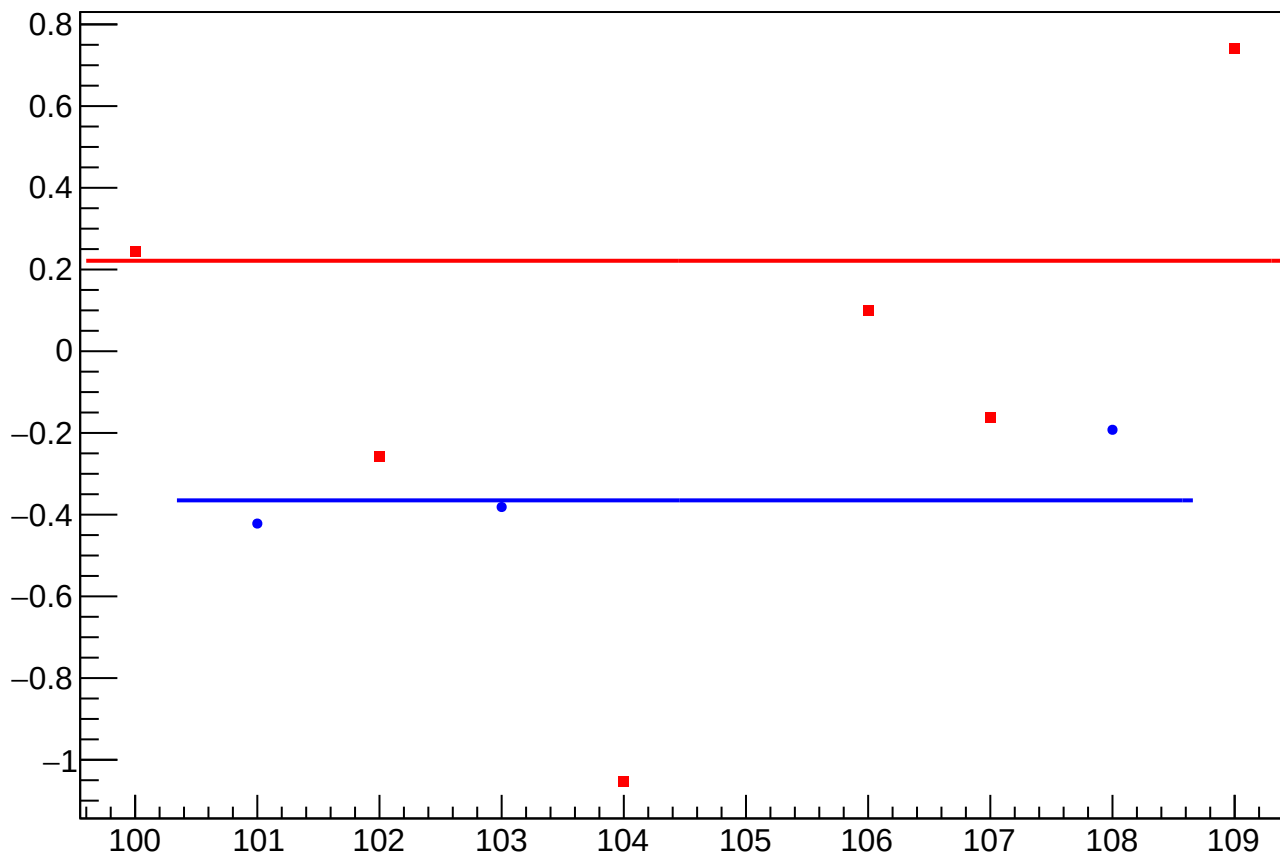
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 416476.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_mean vs Slug



Right In: -0.365+/-0.000 χ^2/NDF : 24483860.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.221+/-0.000 χ^2/NDF : 5356029270.9/5

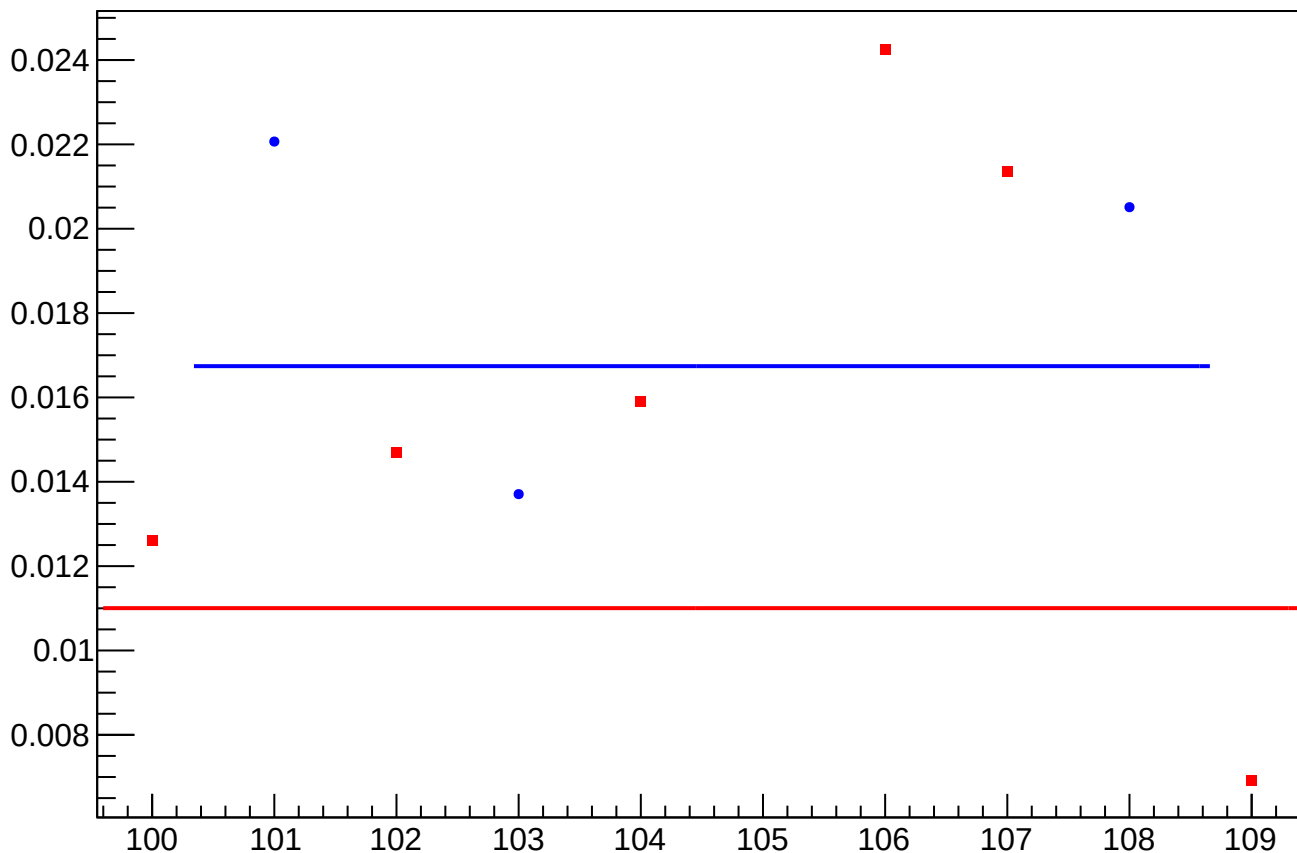
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.061+/-0.000 χ^2/NDF : 6571821526.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.017 $\pm$ 0.000 χ^2 /NDF: 140134.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 629232.3/5

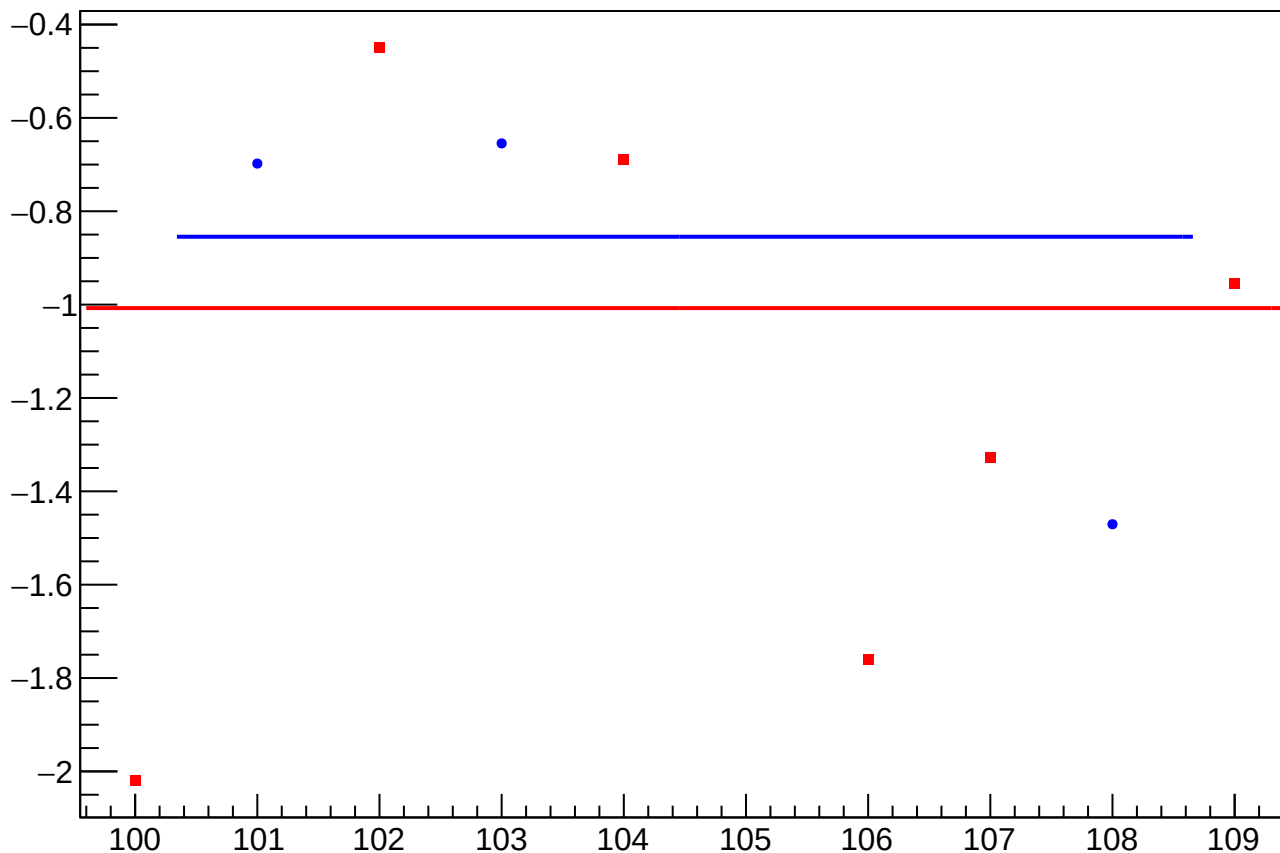
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 997429.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm12X_mean vs Slug



Right In: -0.855+/-0.000 χ^2/NDF : 89872142.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.007+/-0.000 χ^2/NDF : 214588905.5/5

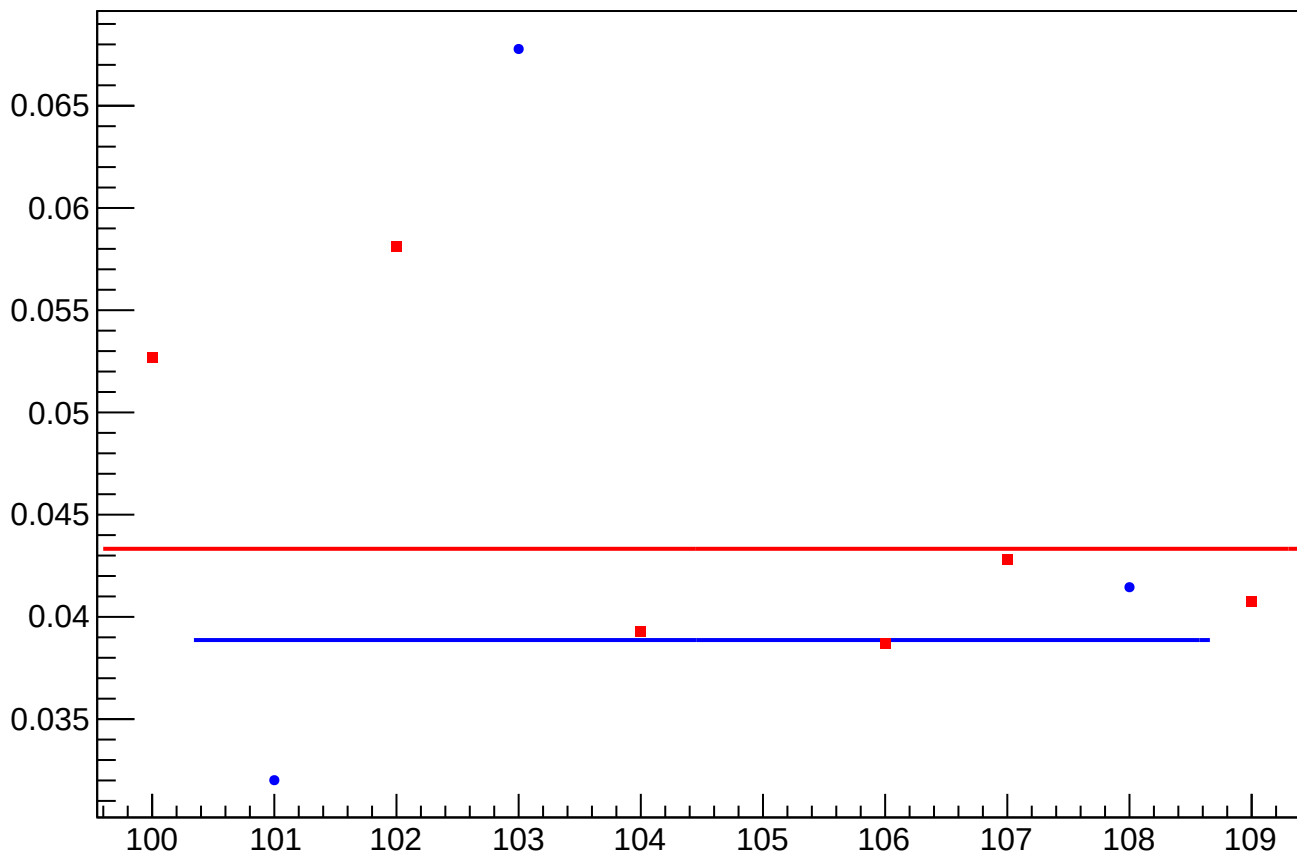
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.936+/-0.000 χ^2/NDF : 315481114.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_rms vs Slug



Right In: 0.039+/-0.000 χ^2/NDF : 258672.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.043+/-0.000 χ^2/NDF : 95271.0/5

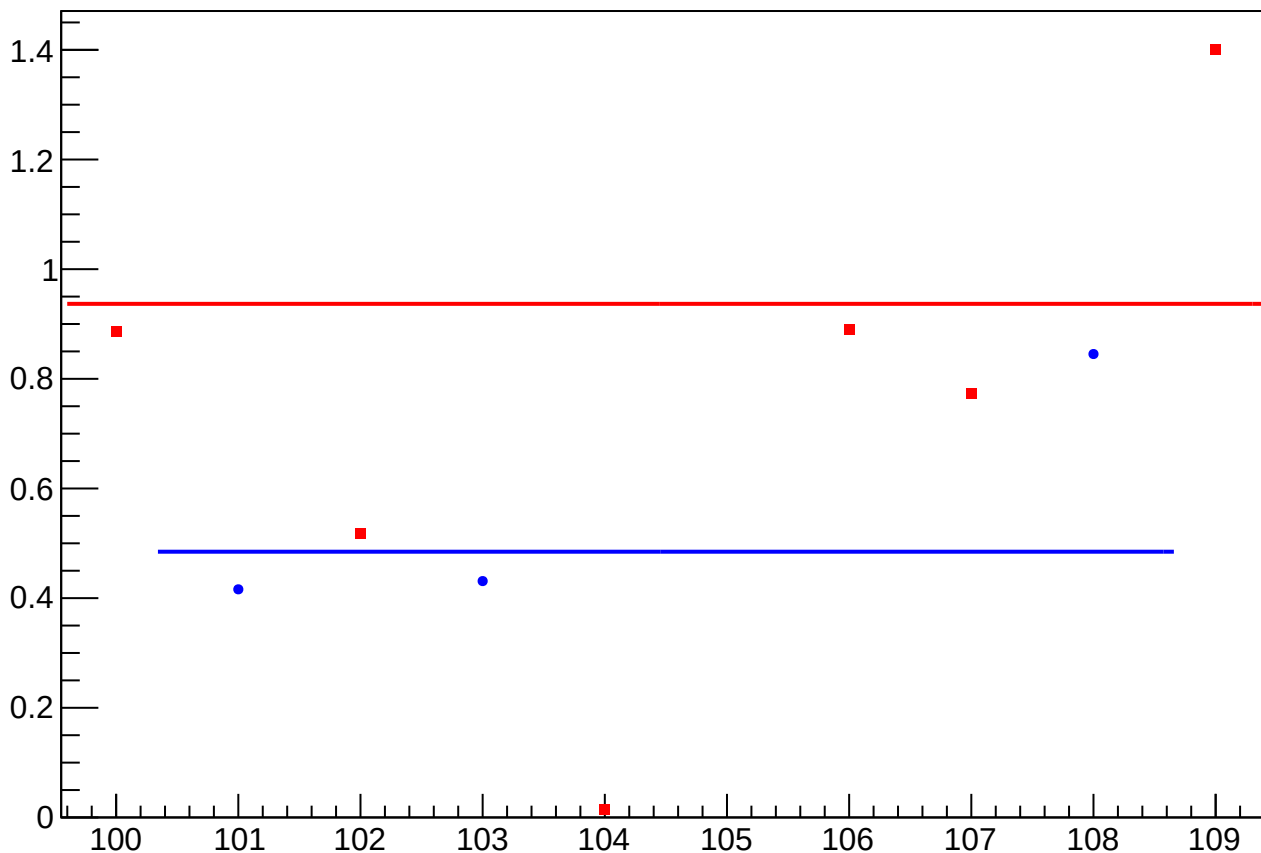
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.041+/-0.000 χ^2/NDF : 372735.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_mean vs Slug



Right In: 0.485+/-0.000 χ^2/NDF : 190402726.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.937+/-0.000 χ^2/NDF : 5775743588.2/5

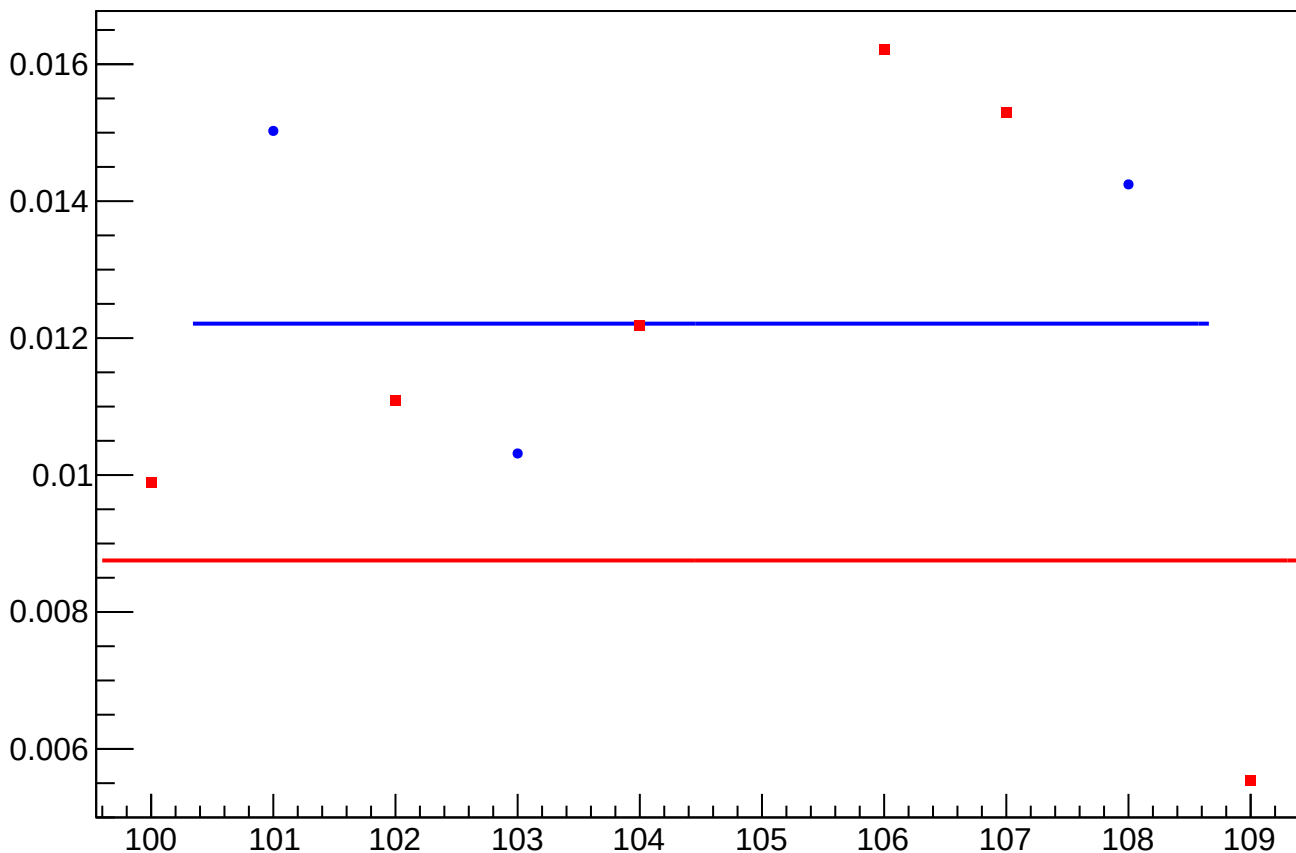
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.801+/-0.000 χ^2/NDF : 7252360319.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 88324.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 520512.4/5

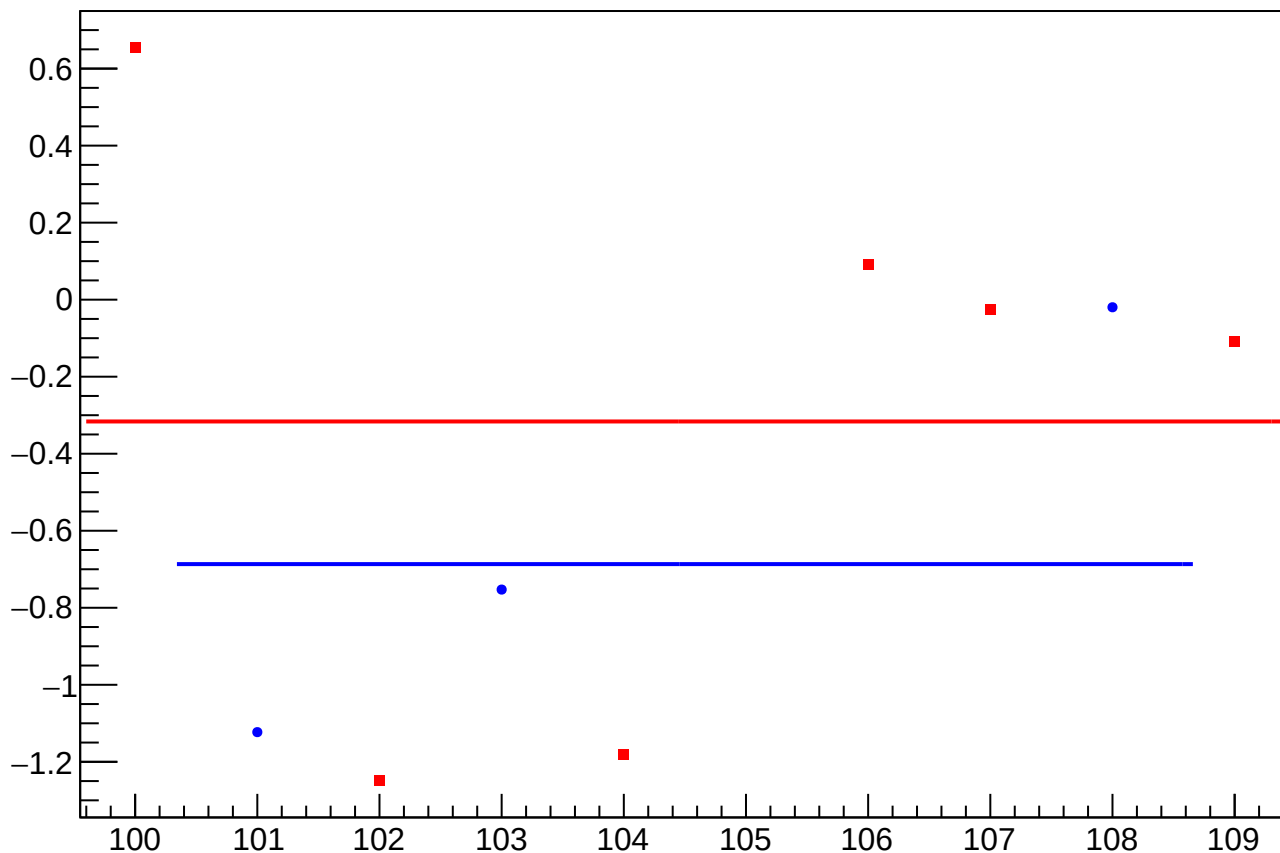
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 759413.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.687+/-0.000 χ^2/NDF : 270268472.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.316+/-0.000 χ^2/NDF : 445689787.7/5

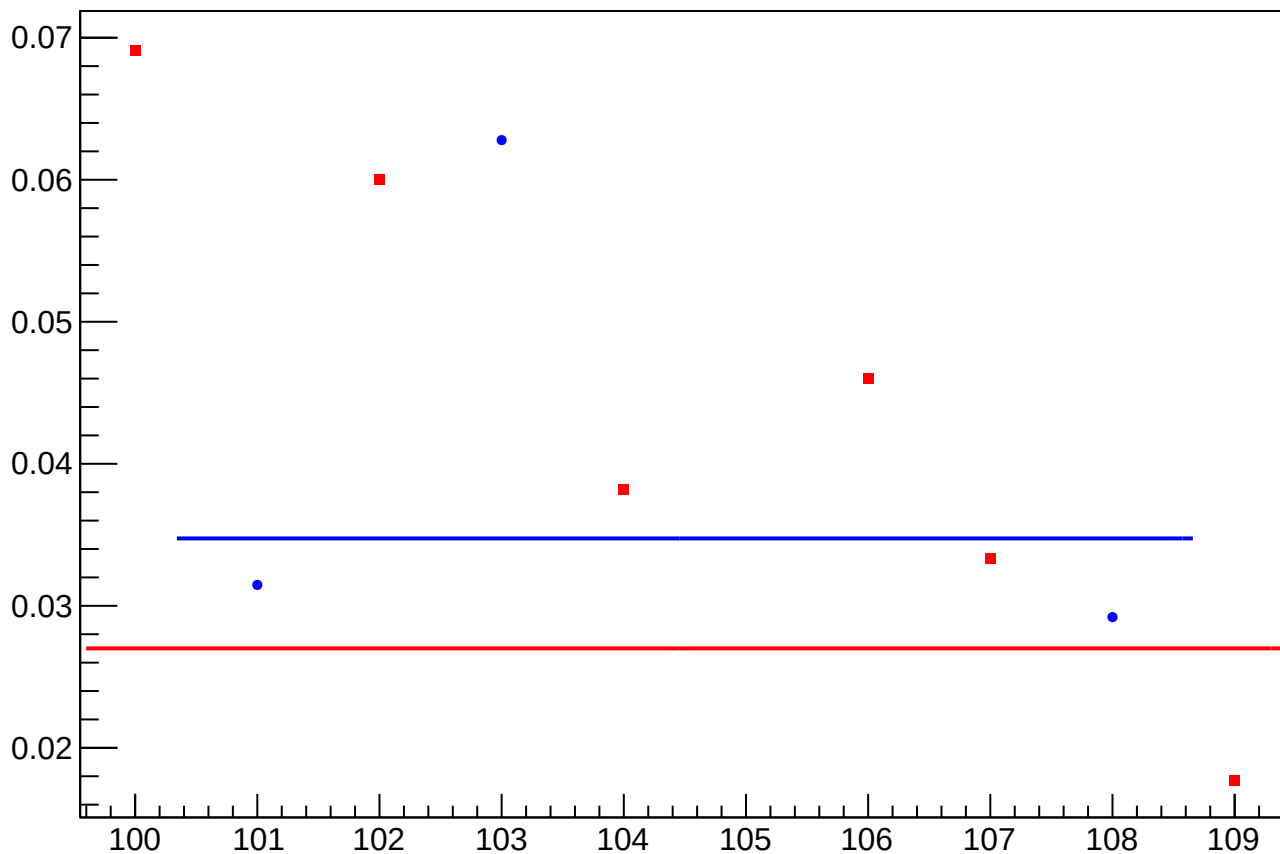
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.443+/-0.000 χ^2/NDF : 811437021.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs Slug



Right In: 0.035 $\pm$ 0.000 χ^2 /NDF: 250680.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.000 χ^2 /NDF: 782506.5/5

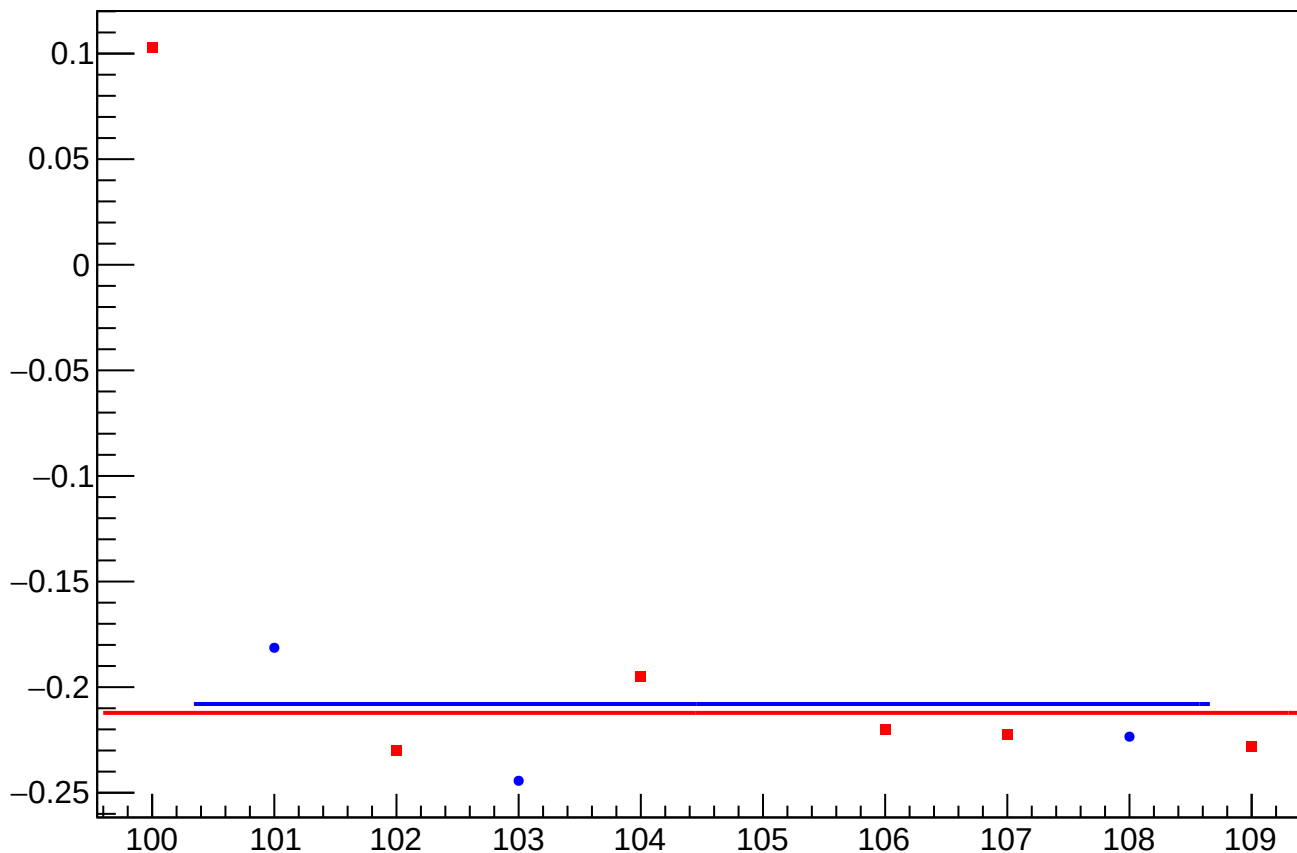
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.030 $\pm$ 0.000 χ^2 /NDF: 1116641.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm16Y_mean vs Slug



Right In: -0.208 ± 0.000 χ^2/NDF : 35691796.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.212 ± 0.000 χ^2/NDF : 145959941.3/5

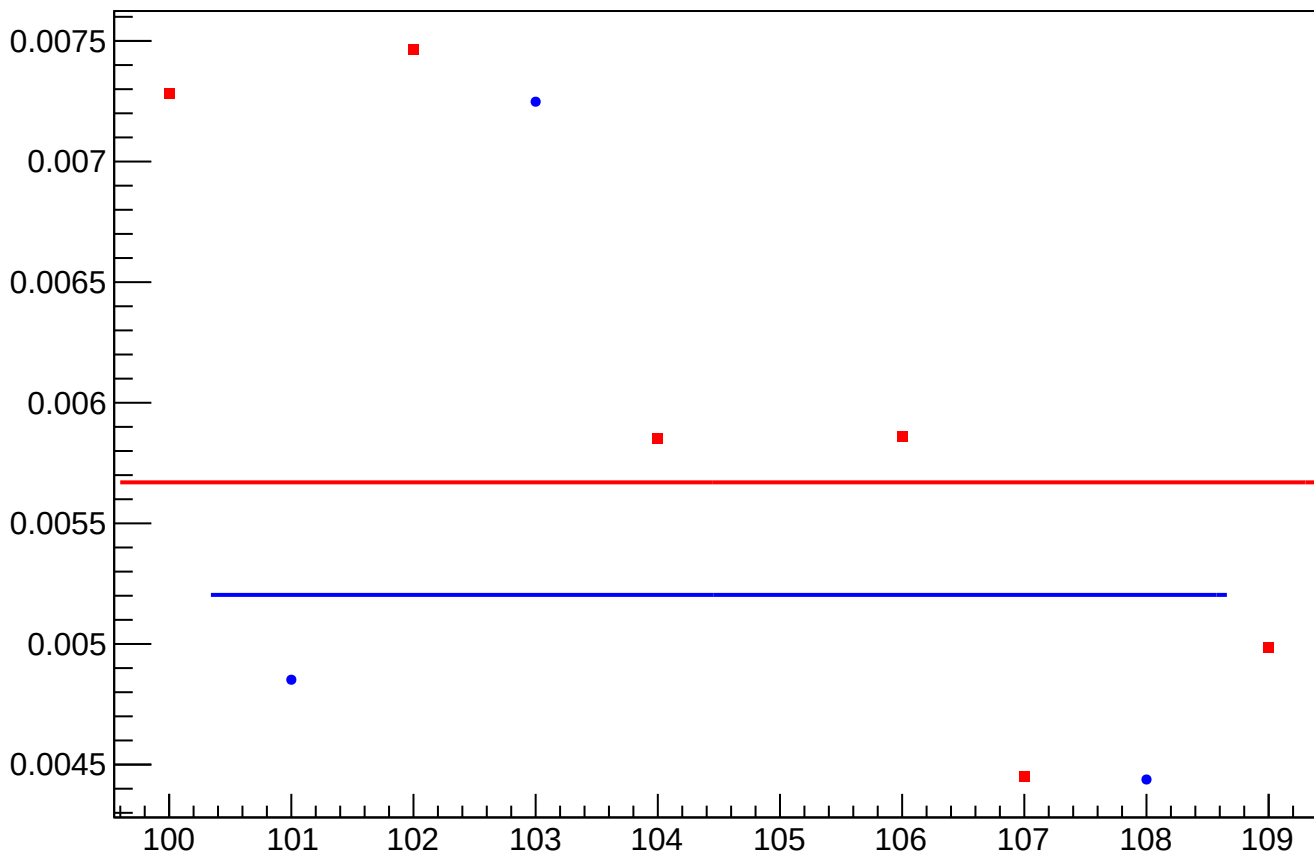
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.210 ± 0.000 χ^2/NDF : 182157786.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 115615.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 125032.7/5

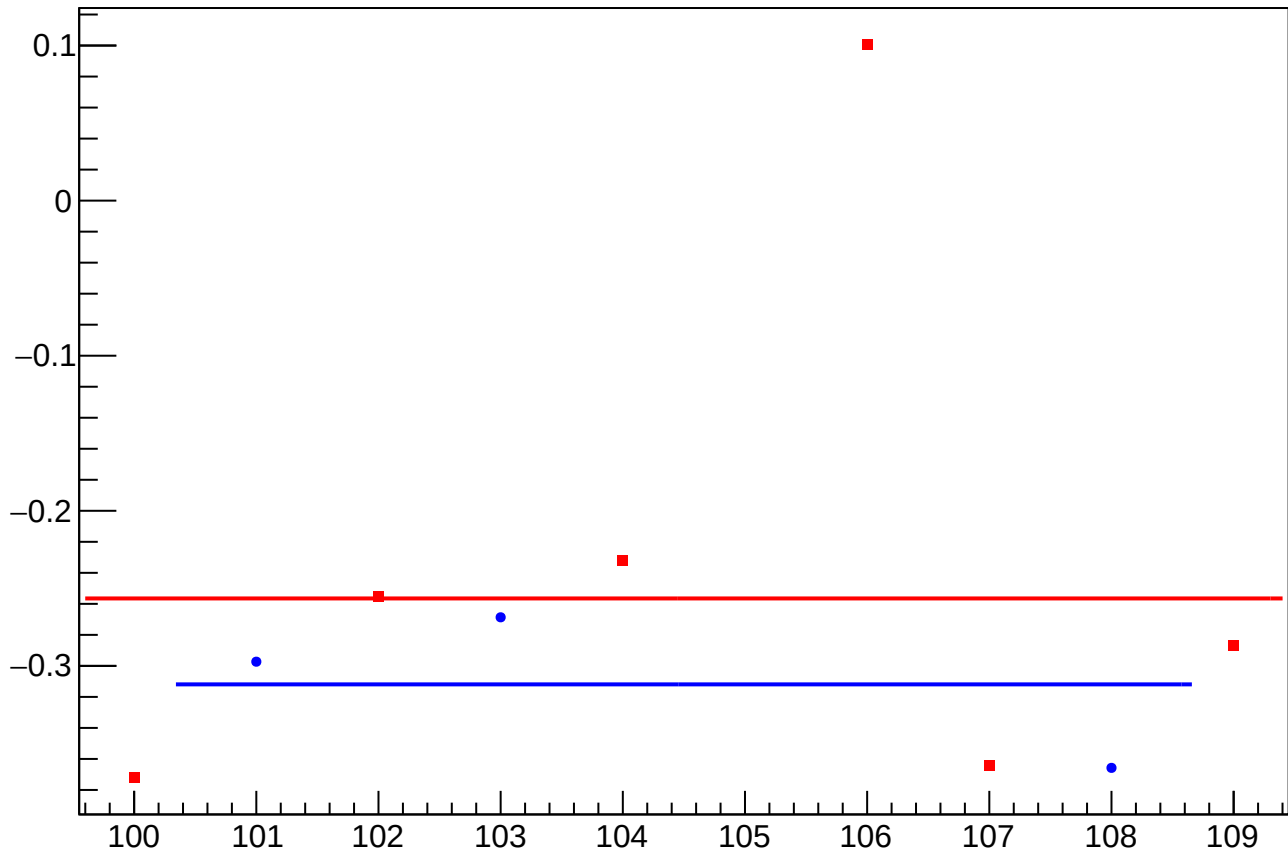
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 253083.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug



Right In: -0.312 ± 0.000 χ^2/NDF : 51525408.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.257 ± 0.000 χ^2/NDF : 502400699.3/5

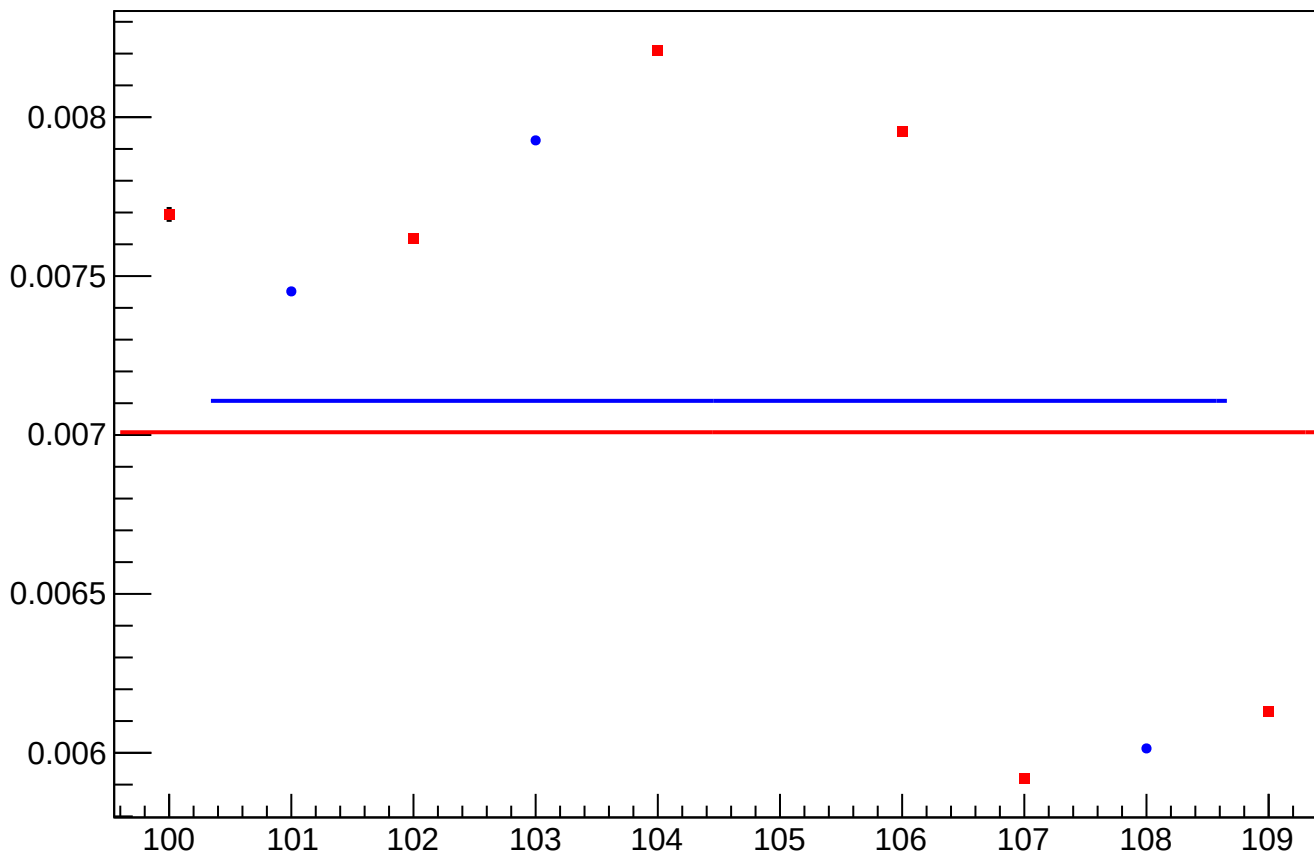
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.280 ± 0.000 χ^2/NDF : 610589327.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 41337.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 74233.2/5

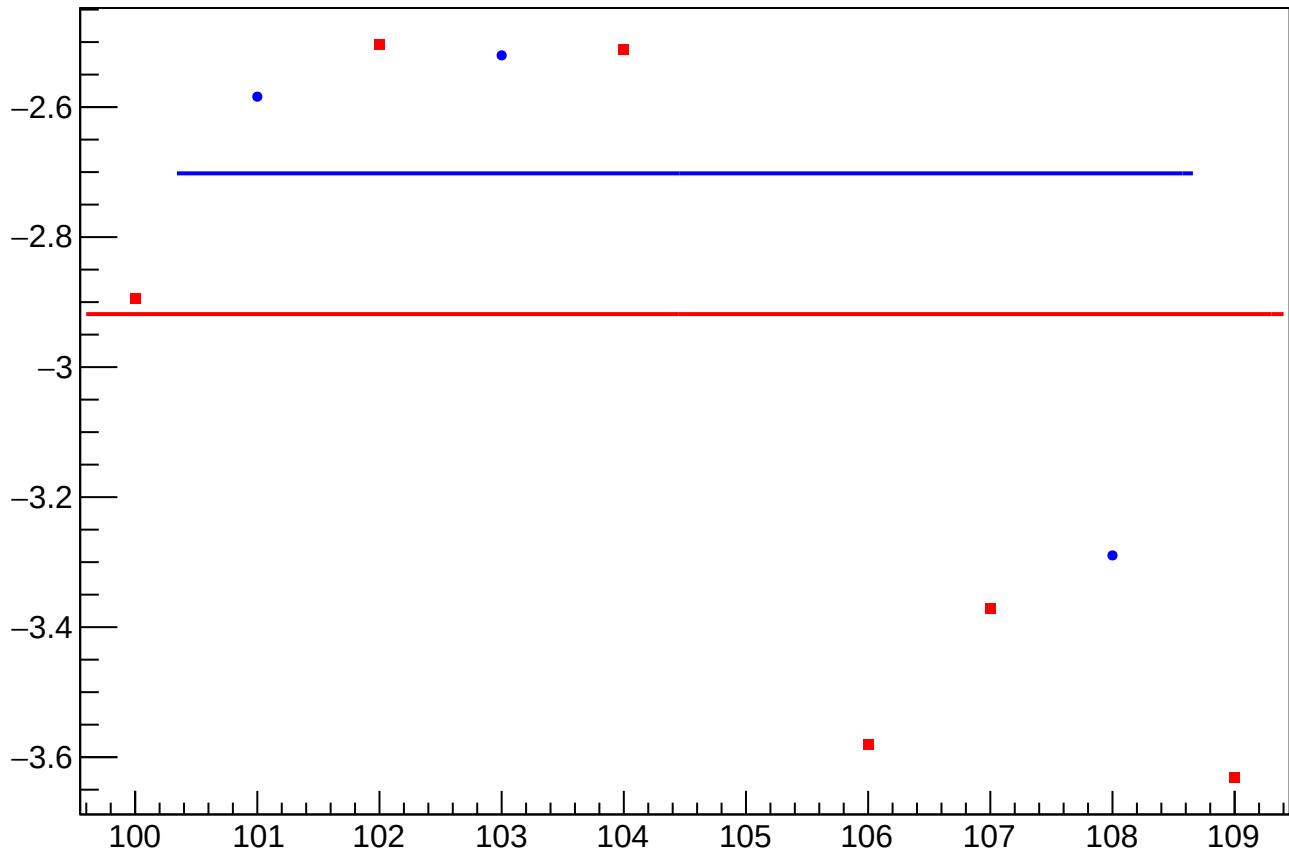
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 115931.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_mean vs Slug



Right In: -2.702+/-0.000 χ^2/NDF : 2680090376.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.918+/-0.000 χ^2/NDF : 9388803002.4/5

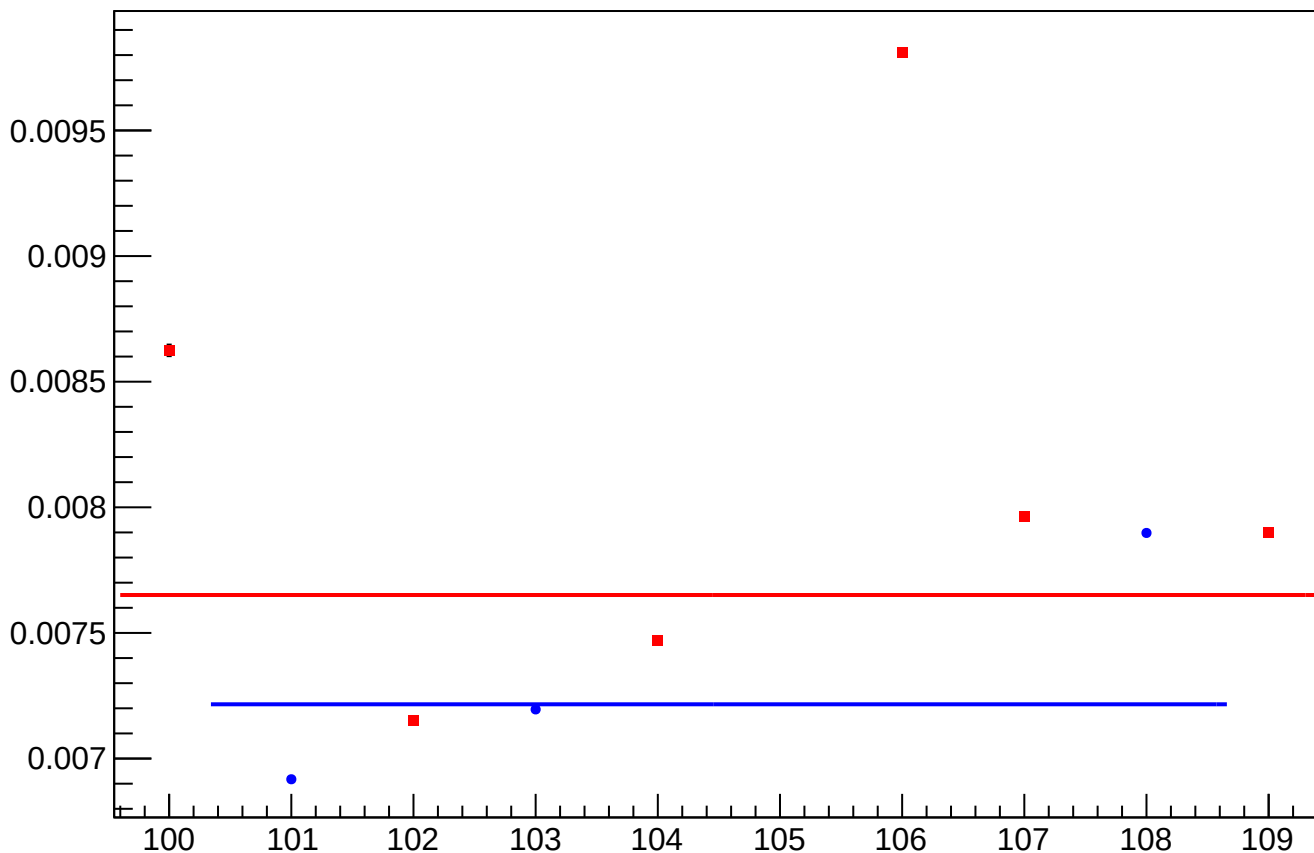
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.819+/-0.000 χ^2/NDF : 12846258654.4/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 8095.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 25764.5/5

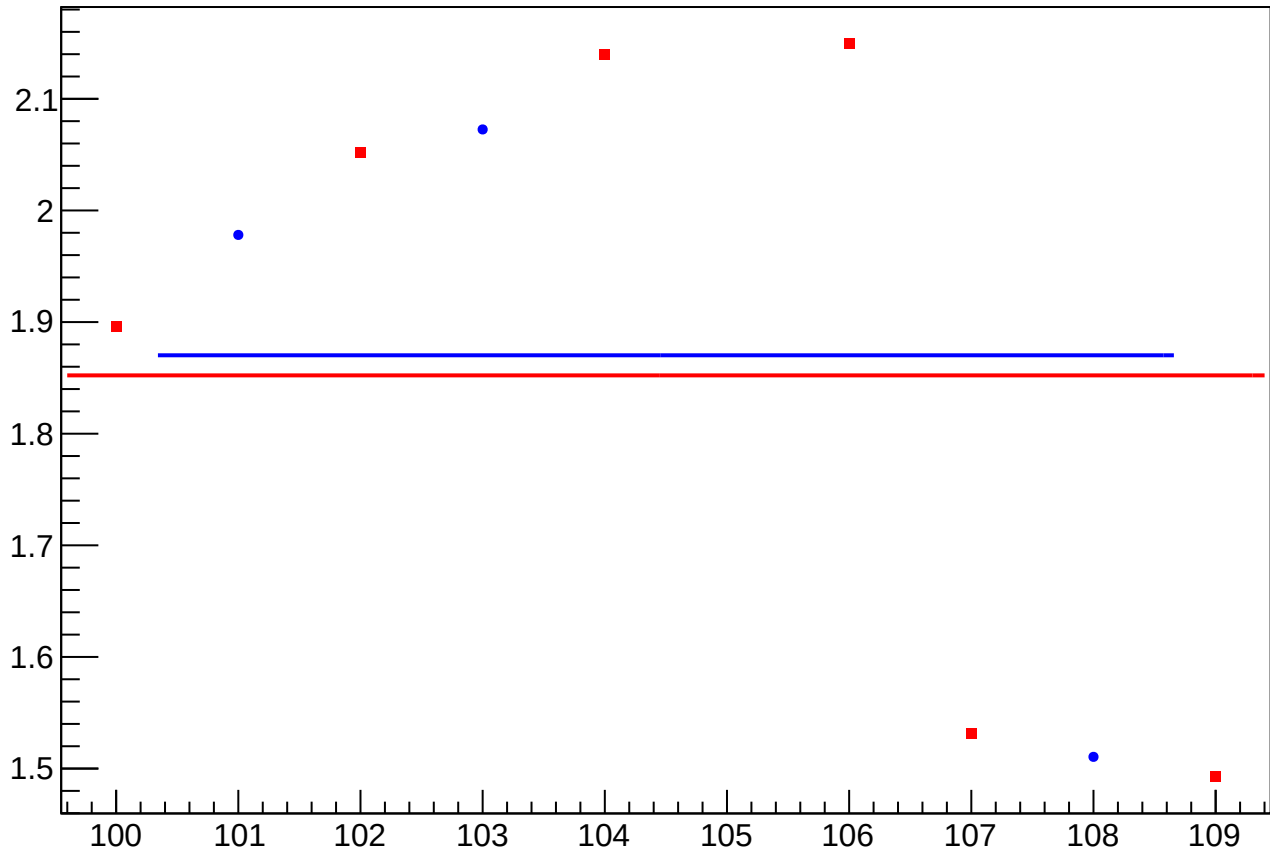
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 40135.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aX_mean vs Slug



Right In: 1.870 $\pm$ 0.000 χ^2 /NDF: 570784989.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.852 $\pm$ 0.000 χ^2 /NDF: 1121438212.1/5

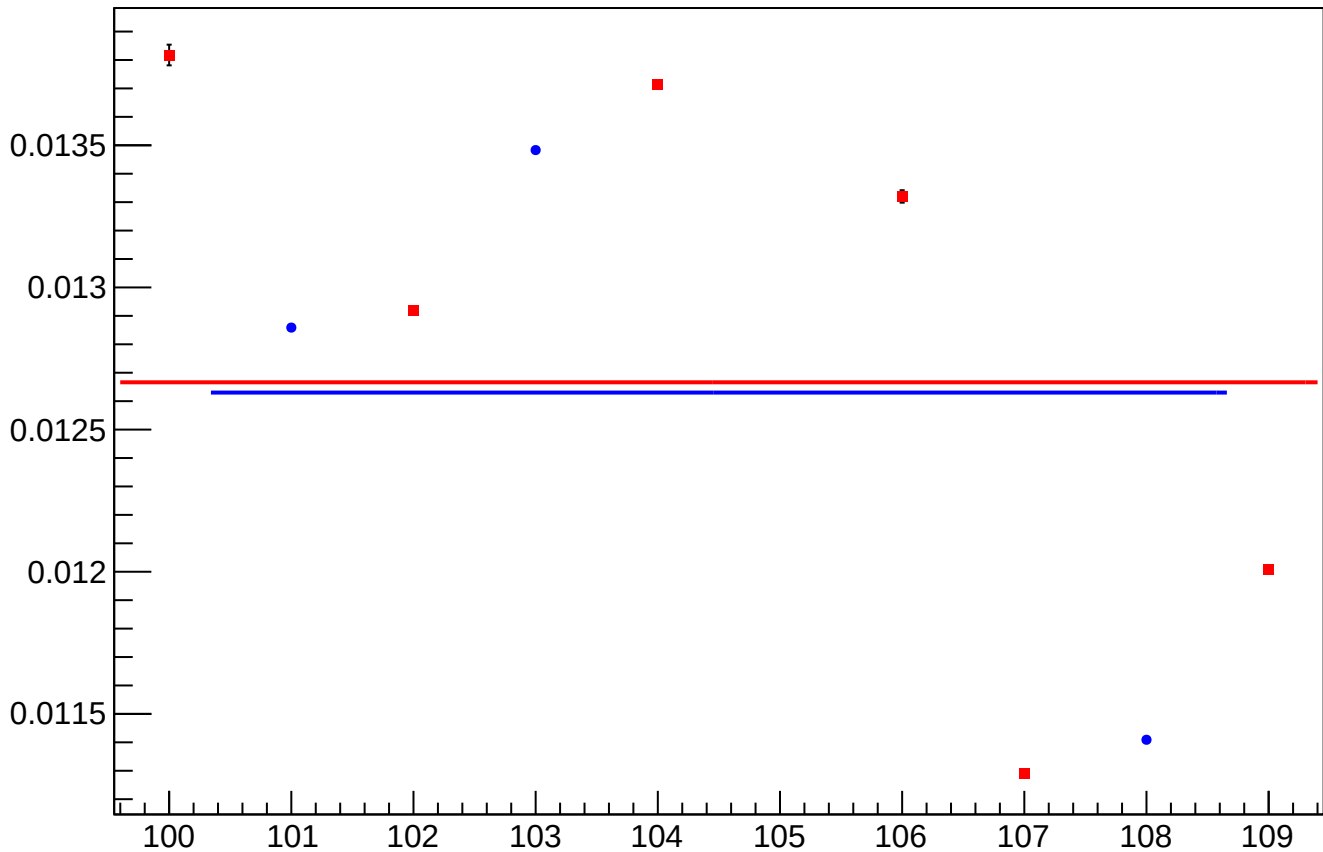
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.860 $\pm$ 0.000 χ^2 /NDF: 1694103425.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 14180.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 18511.3/5

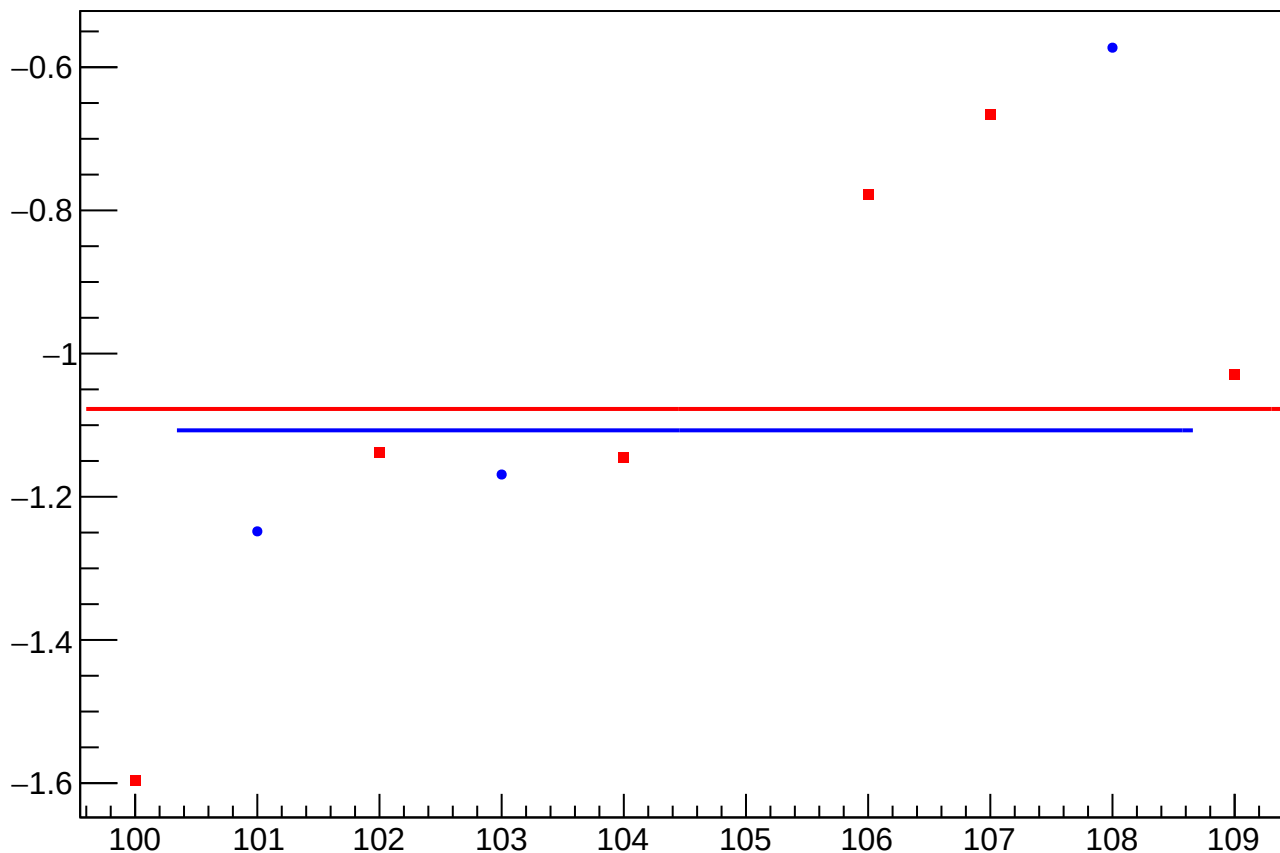
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 32706.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug



Right In: -1.107+/-0.000 χ^2/NDF : 1500412445.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.077+/-0.000 χ^2/NDF : 834730589.0/5

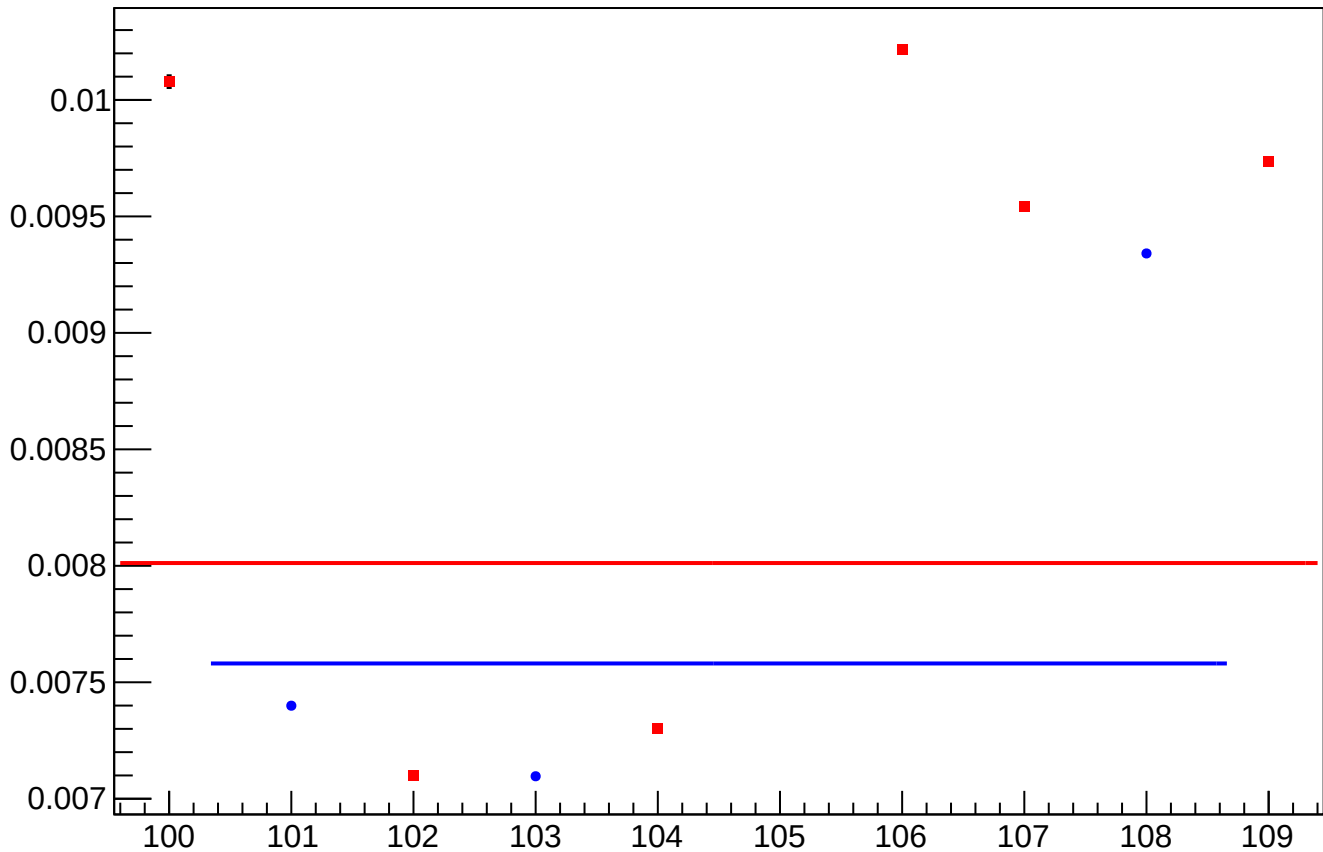
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.091+/-0.000 χ^2/NDF : 2348133426.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 32812.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 93118.5/5

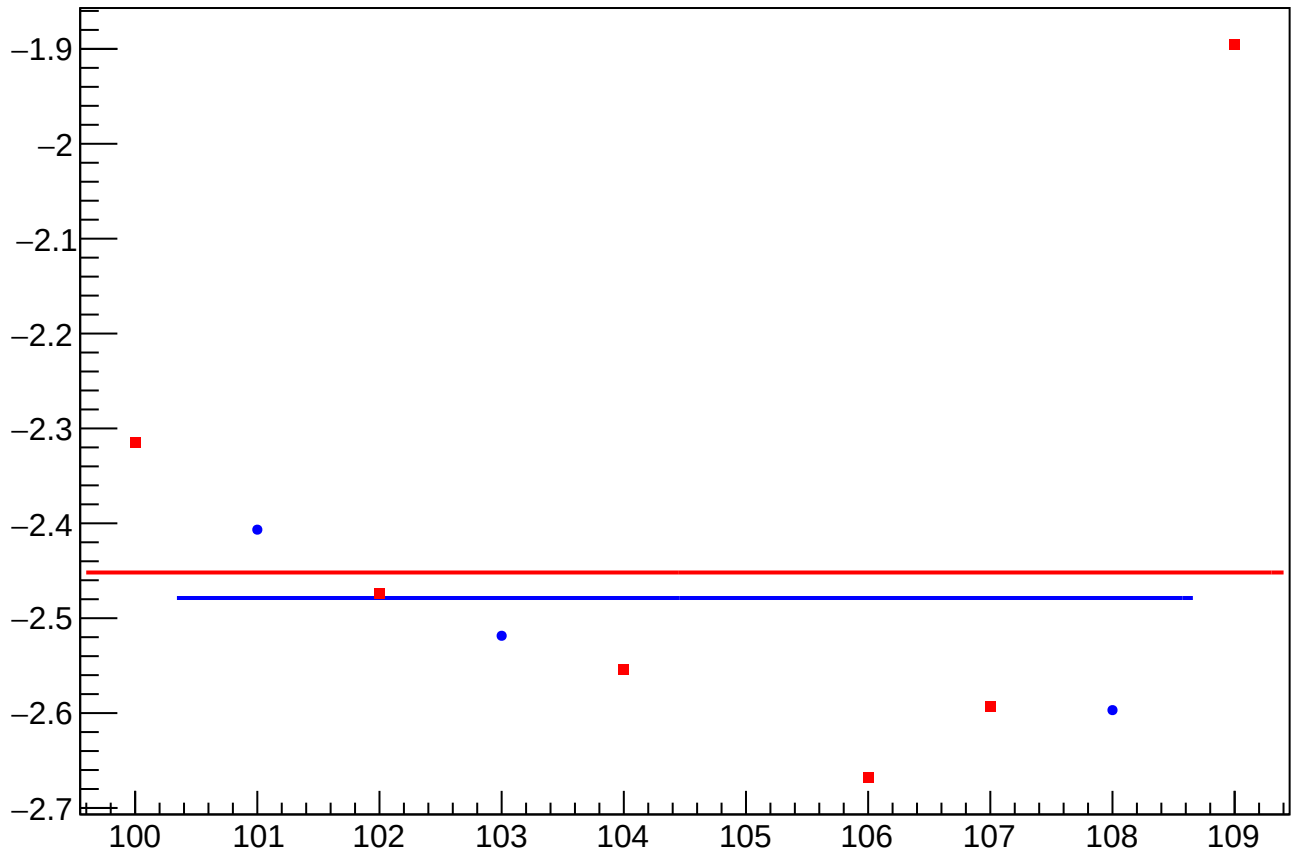
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 131346.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug



Right In: -2.479+/-0.000 χ^2/NDF : 265292078.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.452+/-0.000 χ^2/NDF : 2230943647.0/5

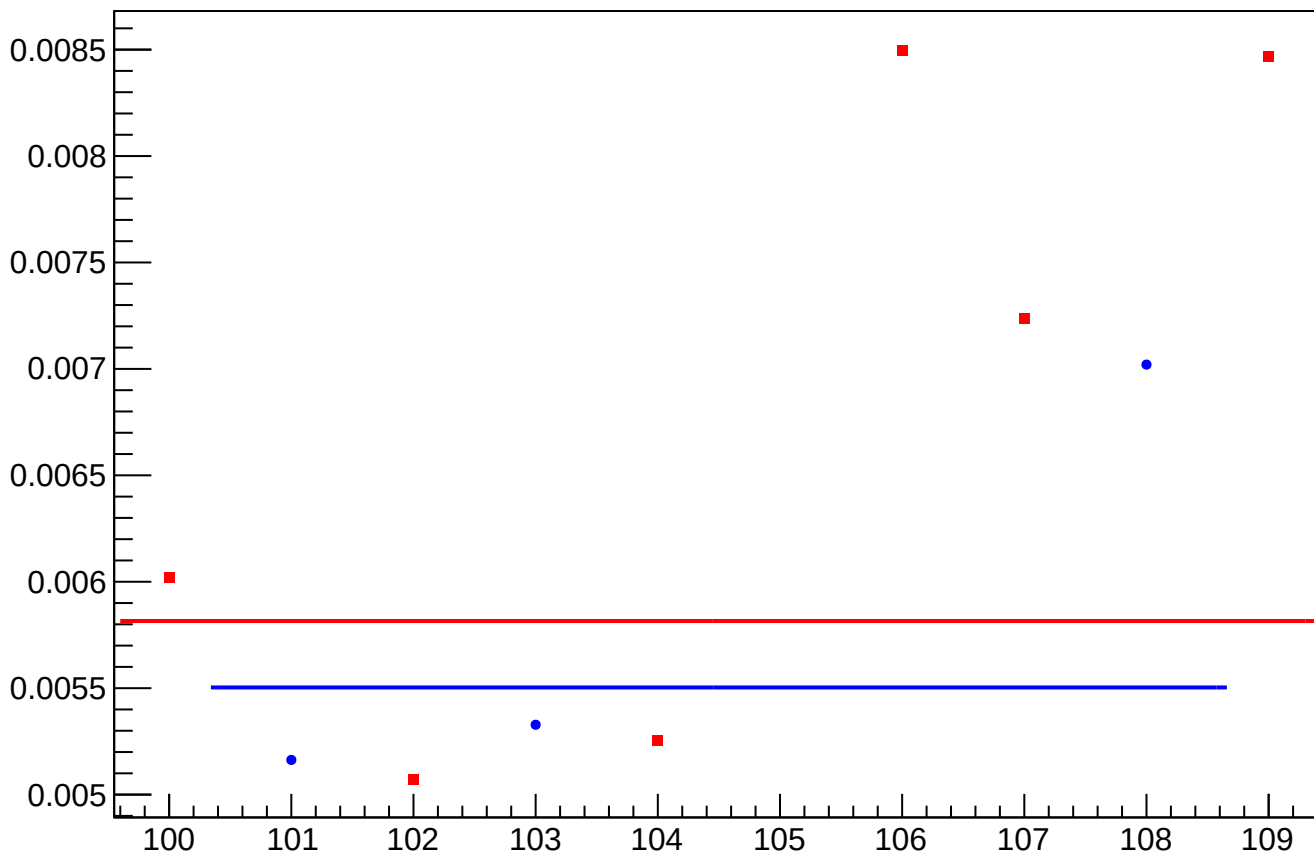
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.465+/-0.000 χ^2/NDF : 2515922438.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 42510.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 172045.7/5

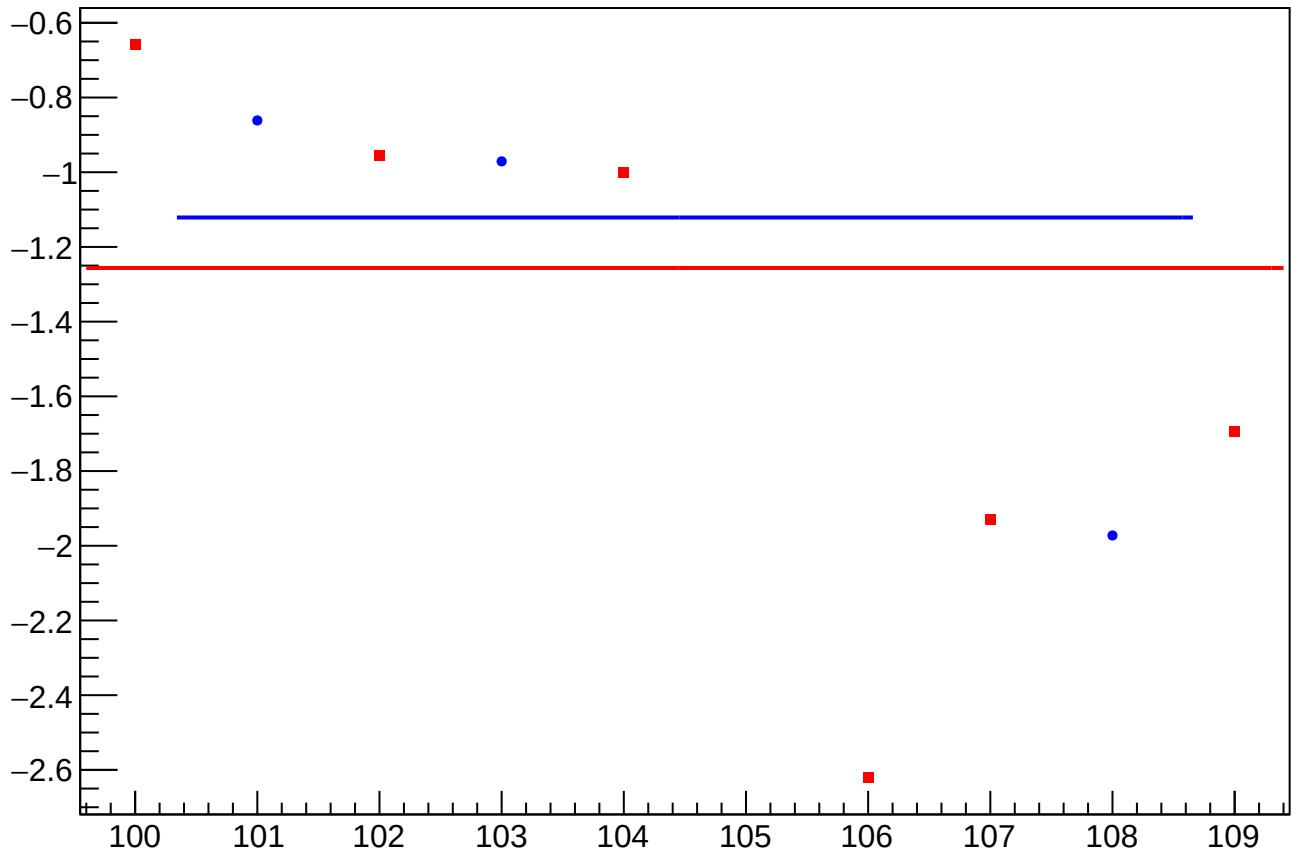
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 219868.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug



Right In: -1.121+/-0.000 χ^2/NDF : 9458274855.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.256+/-0.000 χ^2/NDF : 16504320086.9/5

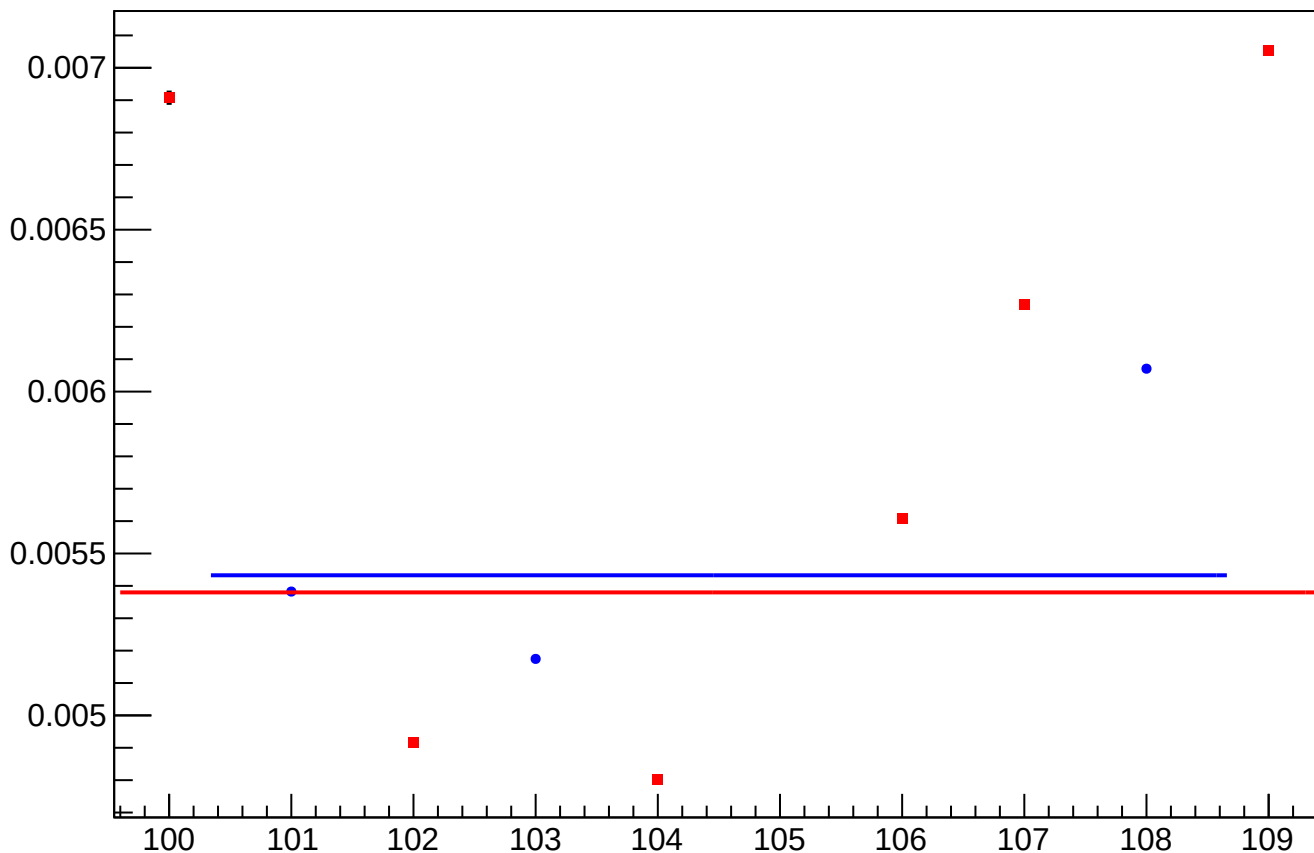
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.196+/-0.000 χ^2/NDF : 26504527522.6/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 11411.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 92154.0/5

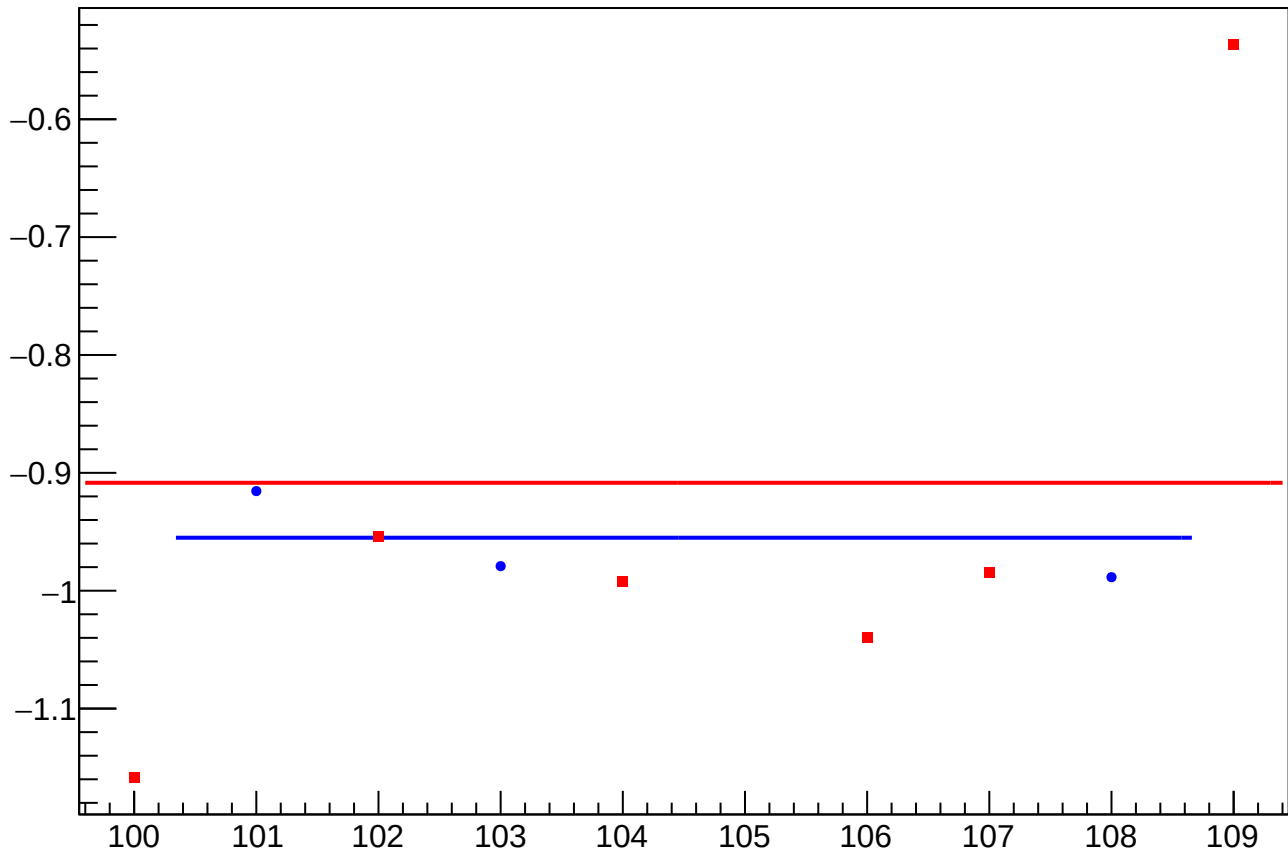
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 103731.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug



Right In: -0.955 ± 0.000 χ^2/NDF : 87679049.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.908 ± 0.000 χ^2/NDF : 2793051480.5/5

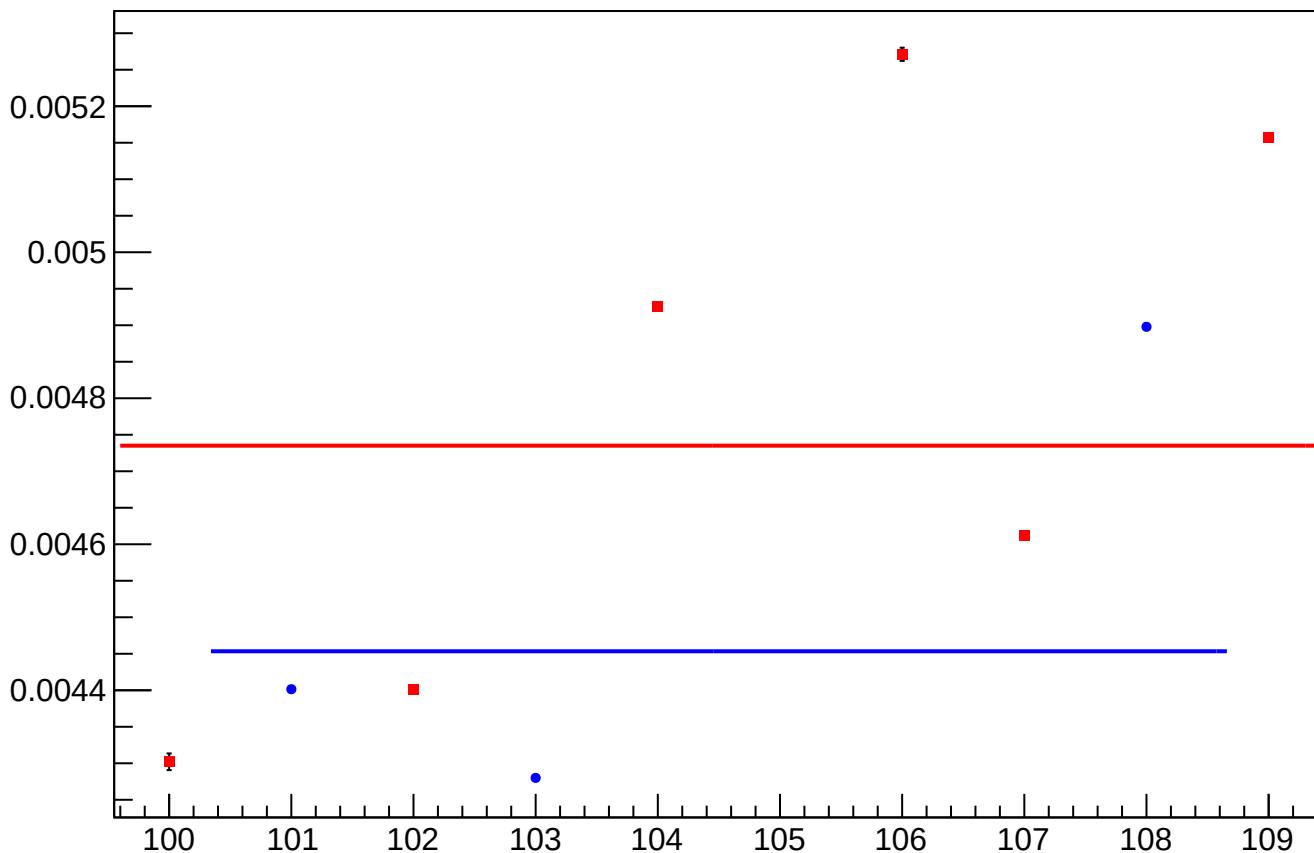
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.930 ± 0.000 χ^2/NDF : 2972861810.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 8435.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 19625.4/5

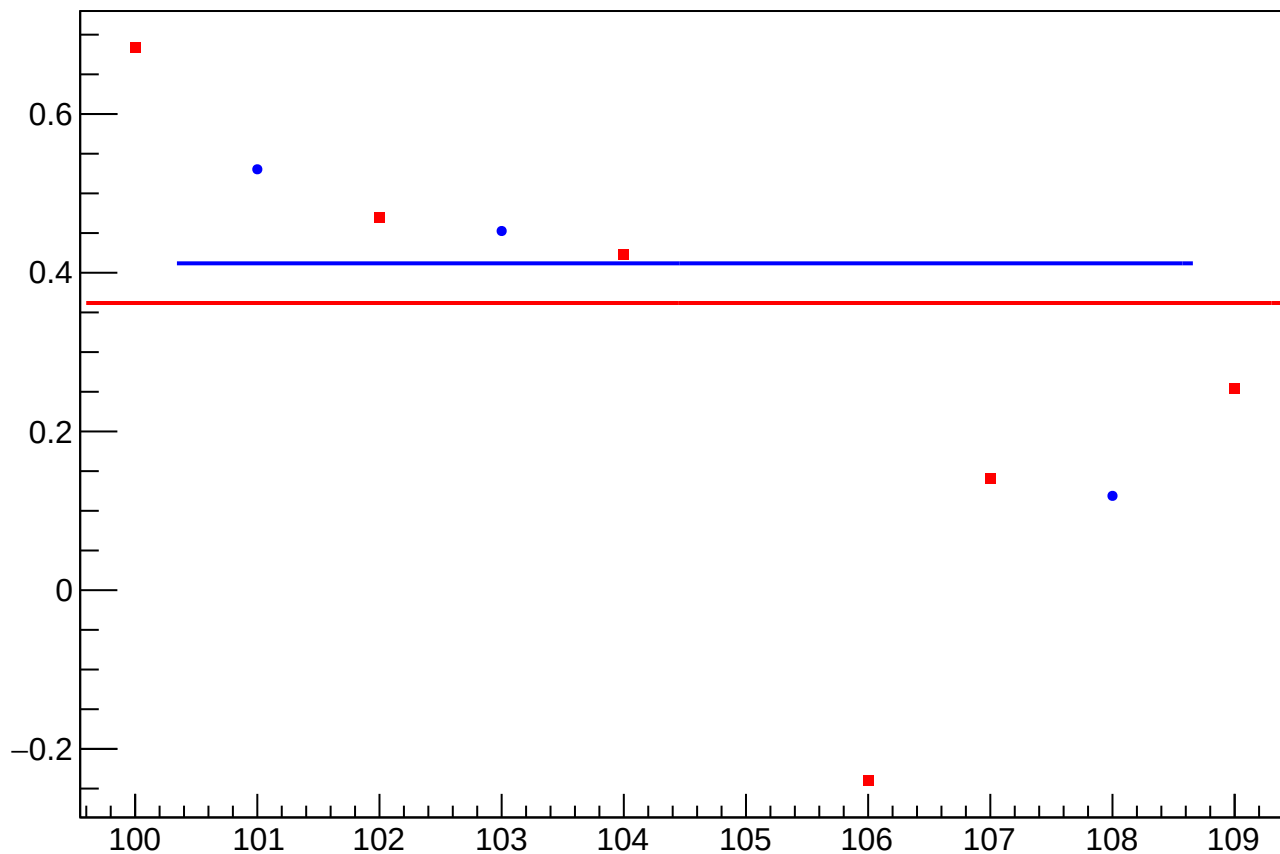
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.000 χ^2 /NDF: 34786.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07Y_mean vs Slug



Right In: 0.412 $\pm$ 0.000 χ^2 /NDF: 2961802761.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.362 $\pm$ 0.000 χ^2 /NDF: 4671527692.9/5

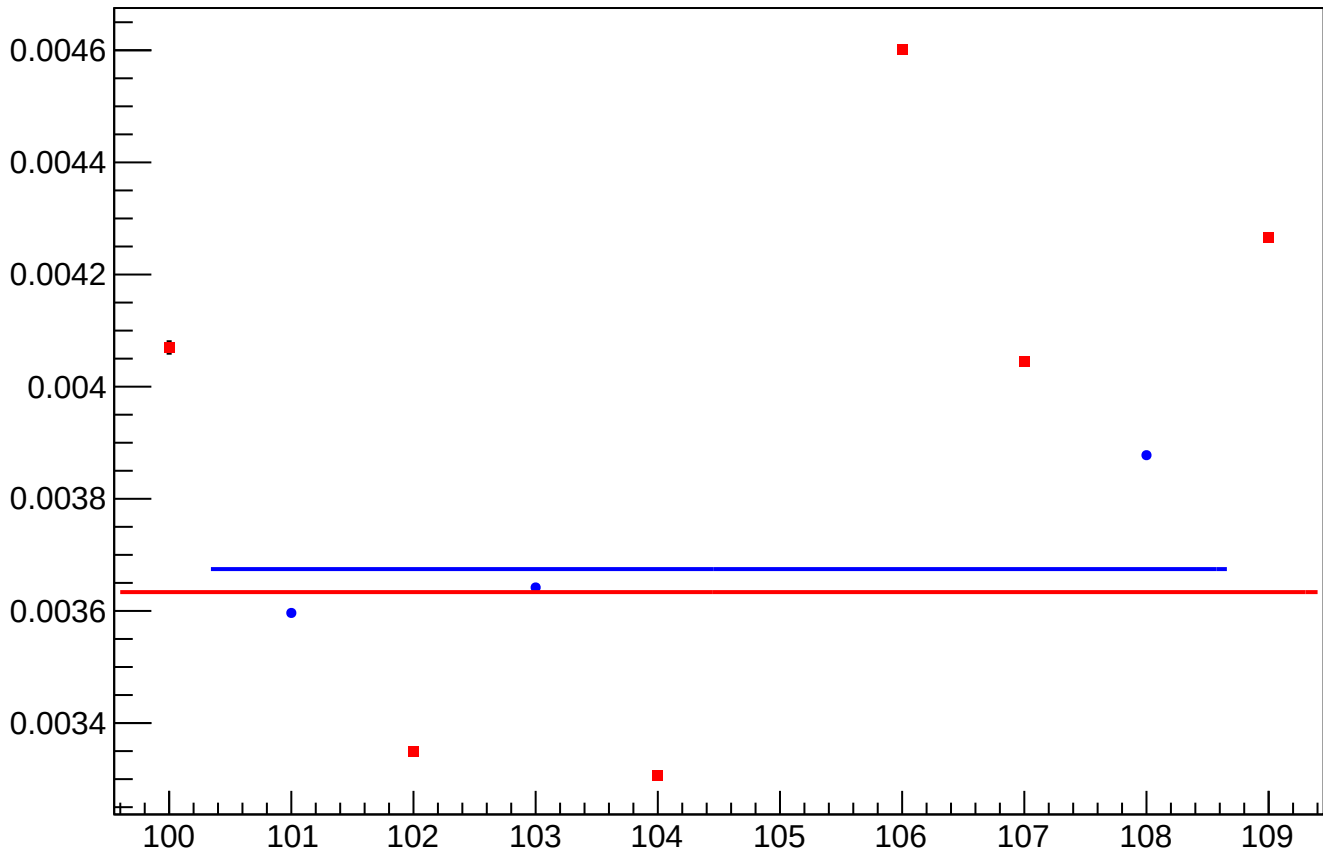
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.384 $\pm$ 0.000 χ^2 /NDF: 7798266166.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 2809.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 57905.4/5

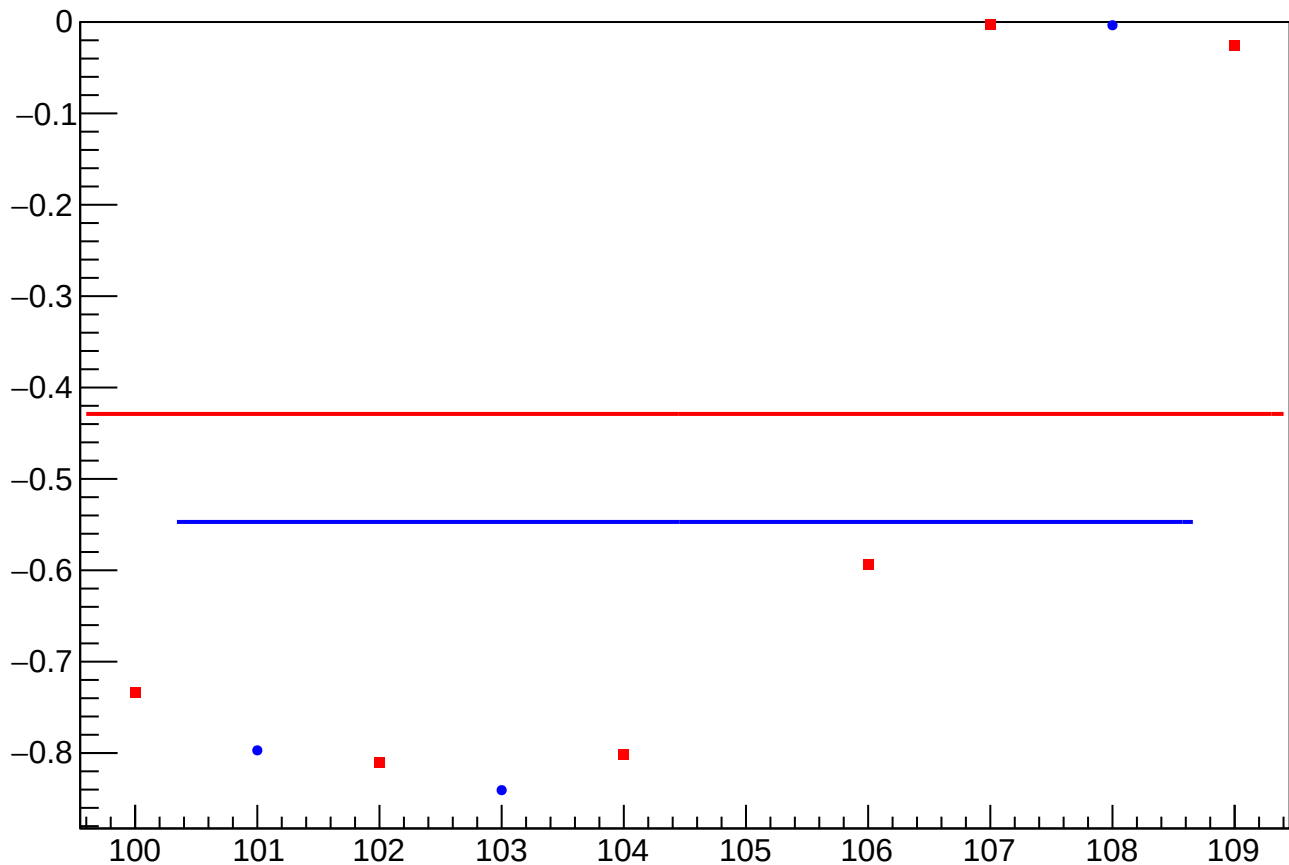
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 60937.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_mean vs Slug



Right In: -0.547+/-0.000 χ^2/NDF : 1895491940.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.429+/-0.000 χ^2/NDF : 2782075715.8/5

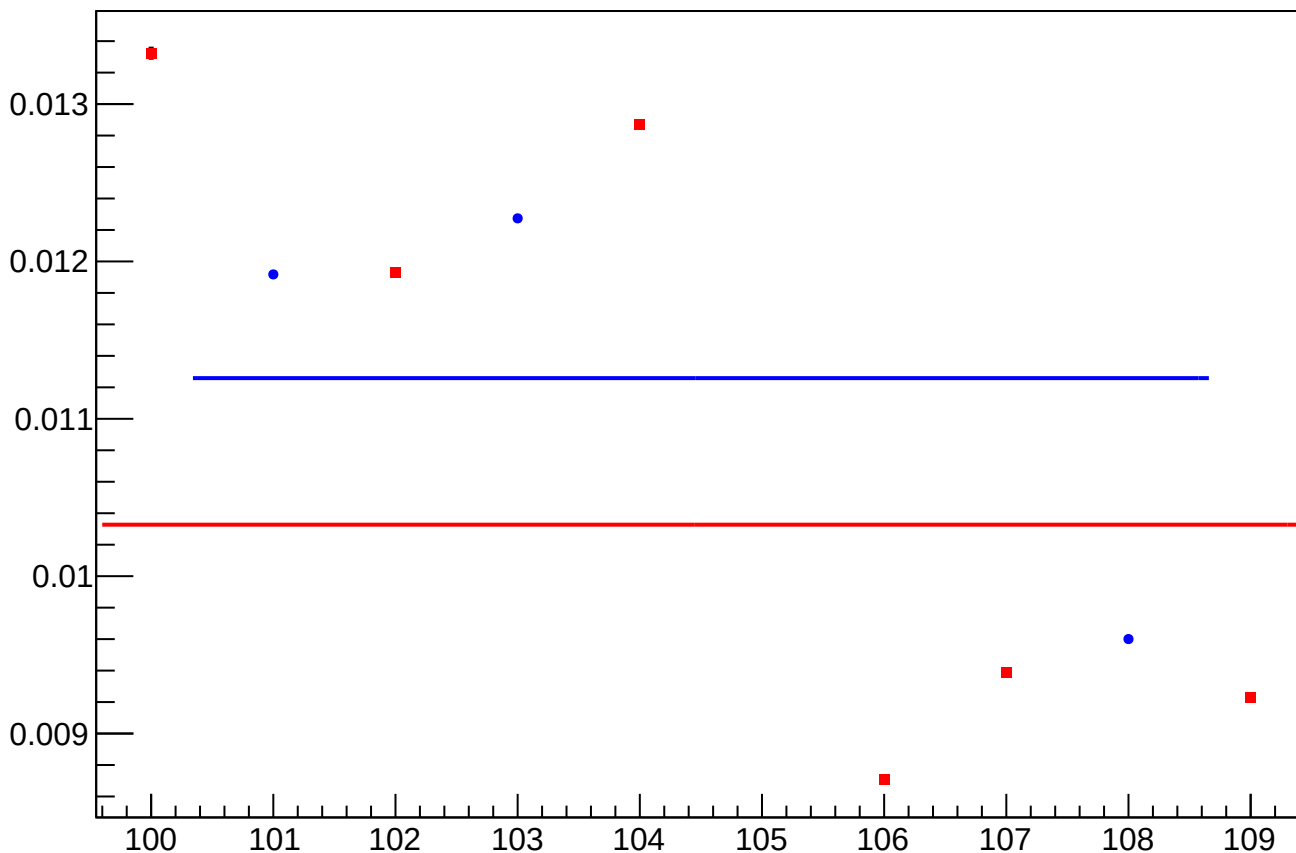
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.473+/-0.000 χ^2/NDF : 4789998976.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_rms vs Slug



Right In: 0.011 $\pm$ 0.000 χ^2 /NDF: 35744.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 113470.0/5

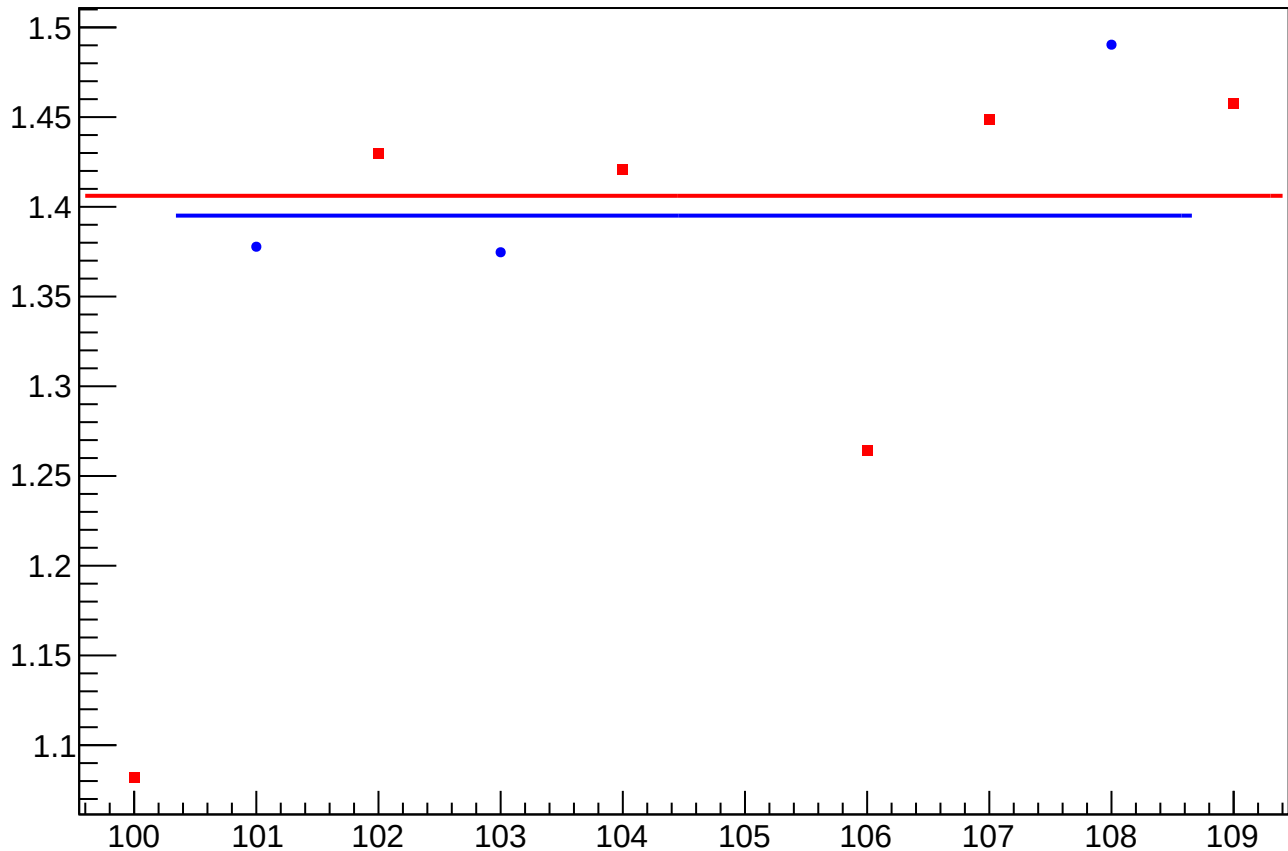
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 163174.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02Y_mean vs Slug



Right In: 1.395+/-0.000 χ^2/NDF : 77627920.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.406+/-0.000 χ^2/NDF : 325686337.5/5

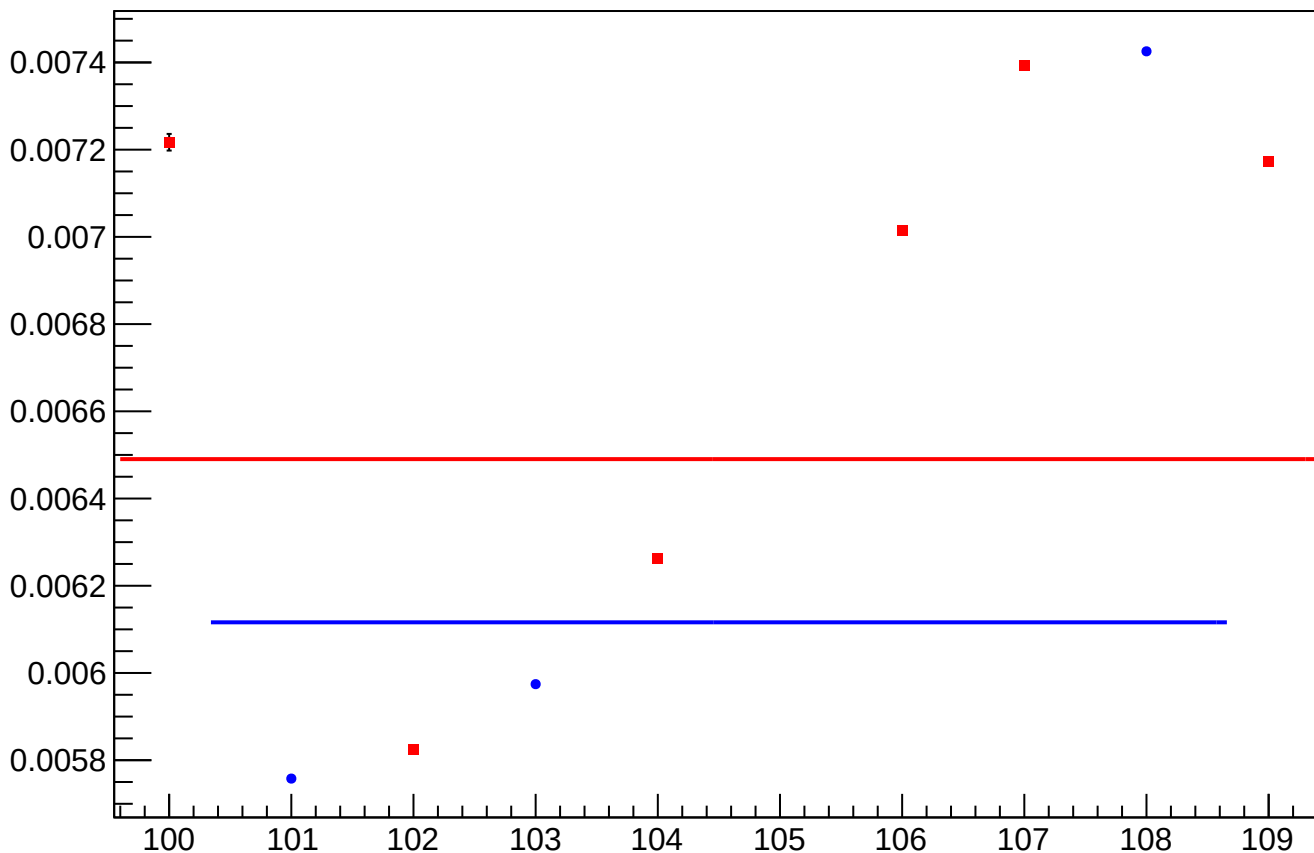
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.401+/-0.000 χ^2/NDF : 406270523.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 30148.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 40278.9/5

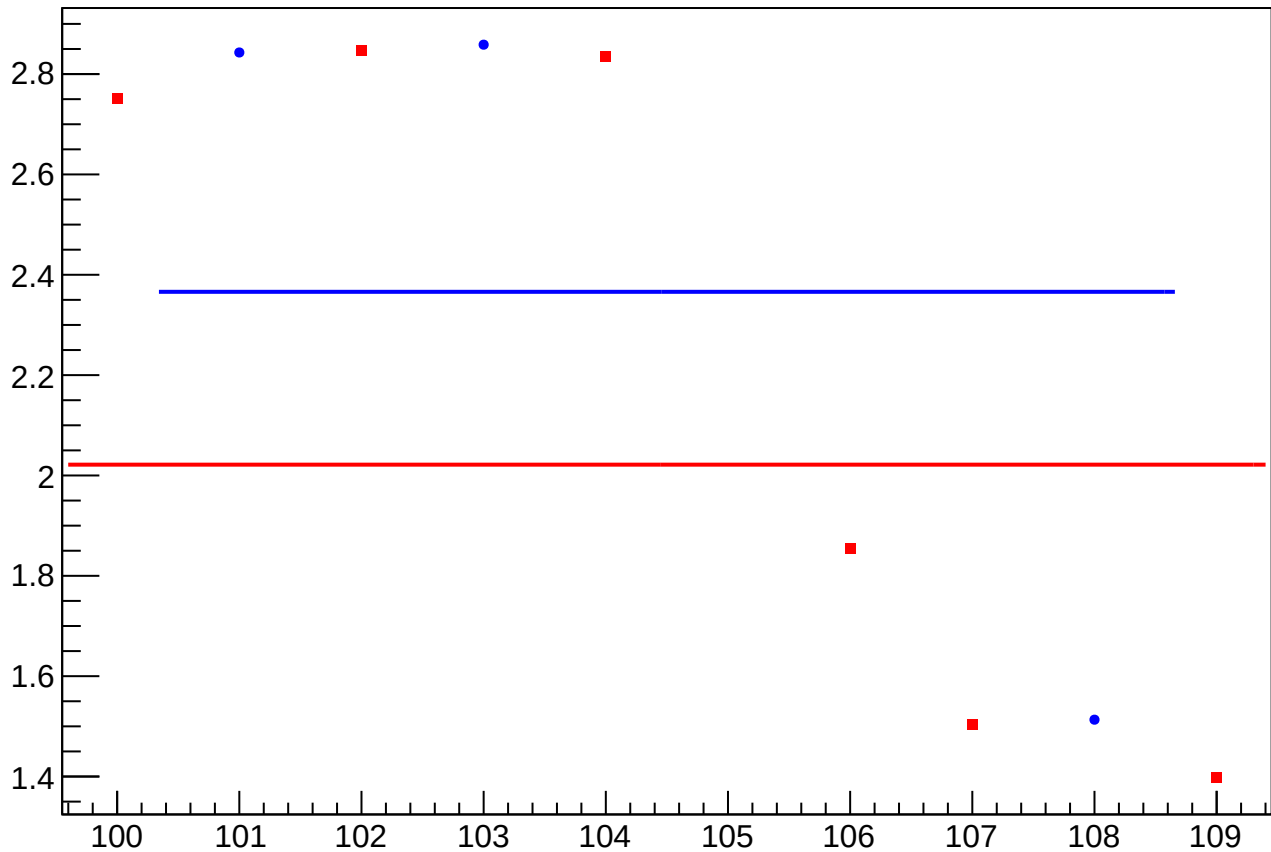
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 77216.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug



Right In: 2.366 $\pm$ 0.000 χ^2 /NDF: 12477228205.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.022 $\pm$ 0.000 χ^2 /NDF: 20110527568.6/5

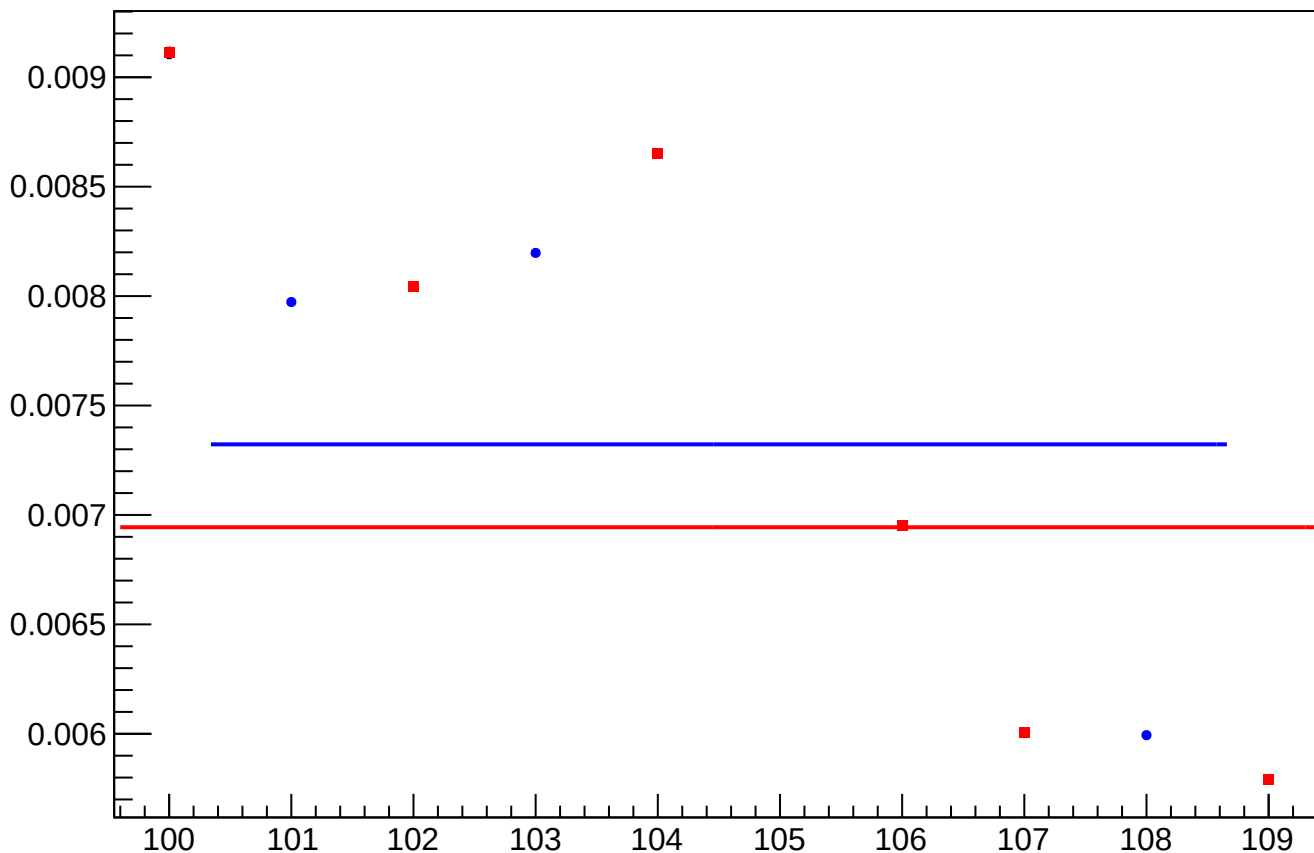
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.156 $\pm$ 0.000 χ^2 /NDF: 34769458172.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 61064.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 127174.0/5

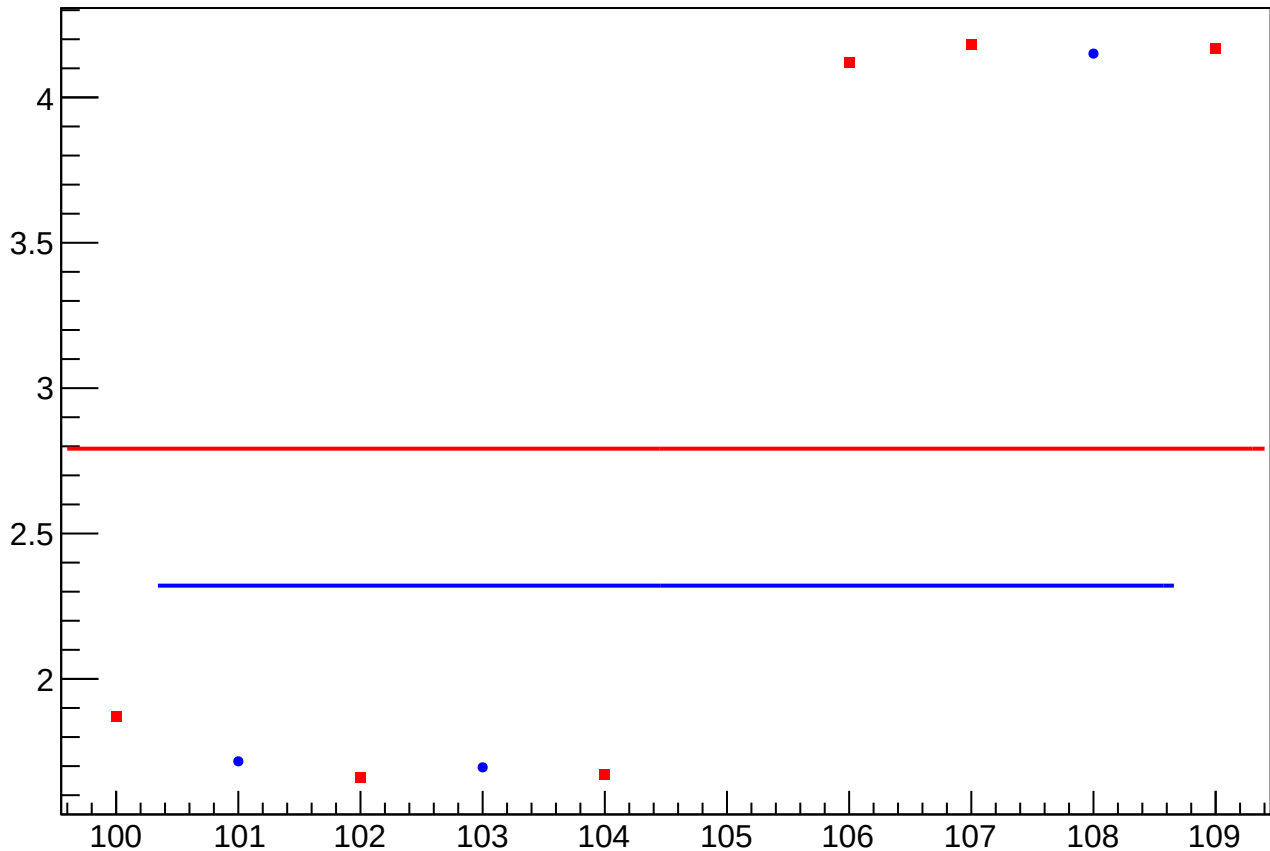
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 193513.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 2.321+/-0.000 χ^2/NDF : 67688654618.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.792+/-0.000 χ^2/NDF : 124210829940.6/5

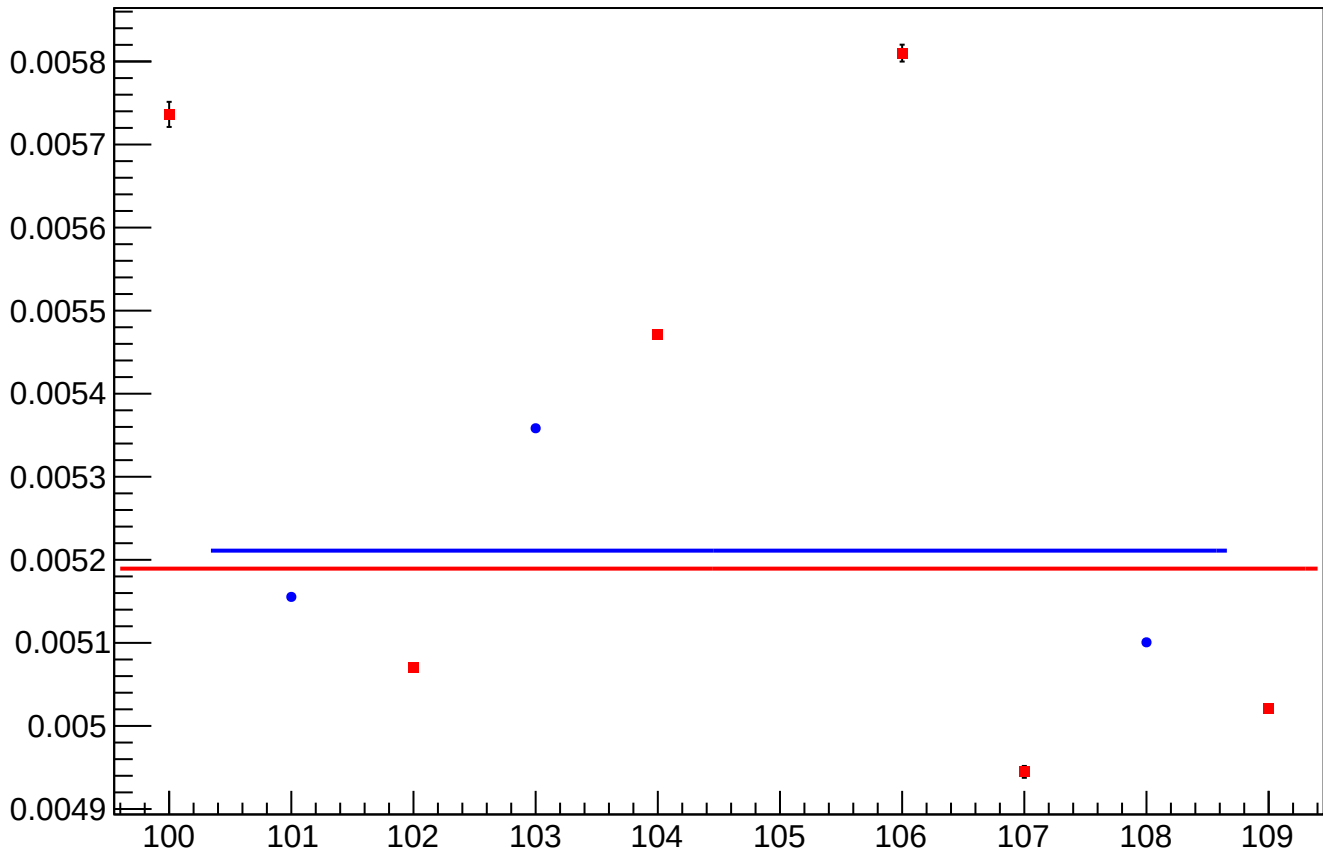
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.591+/-0.000 χ^2/NDF : 199562013875.9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1415.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 10888.8/5

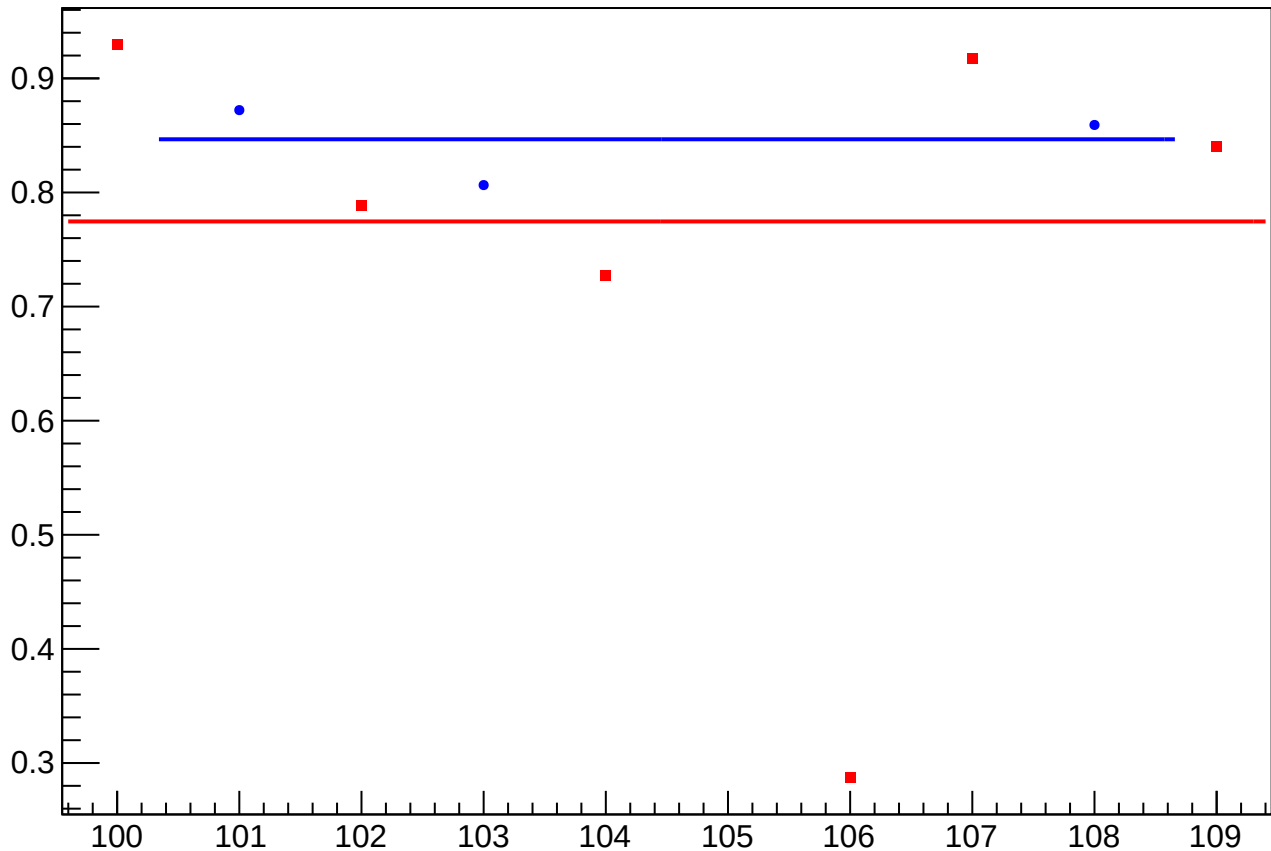
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 12337.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



Right In: 0.847 $\pm$ 0.000 χ^2 /NDF: 6535244.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.775 $\pm$ 0.000 χ^2 /NDF: 221237294.2/5

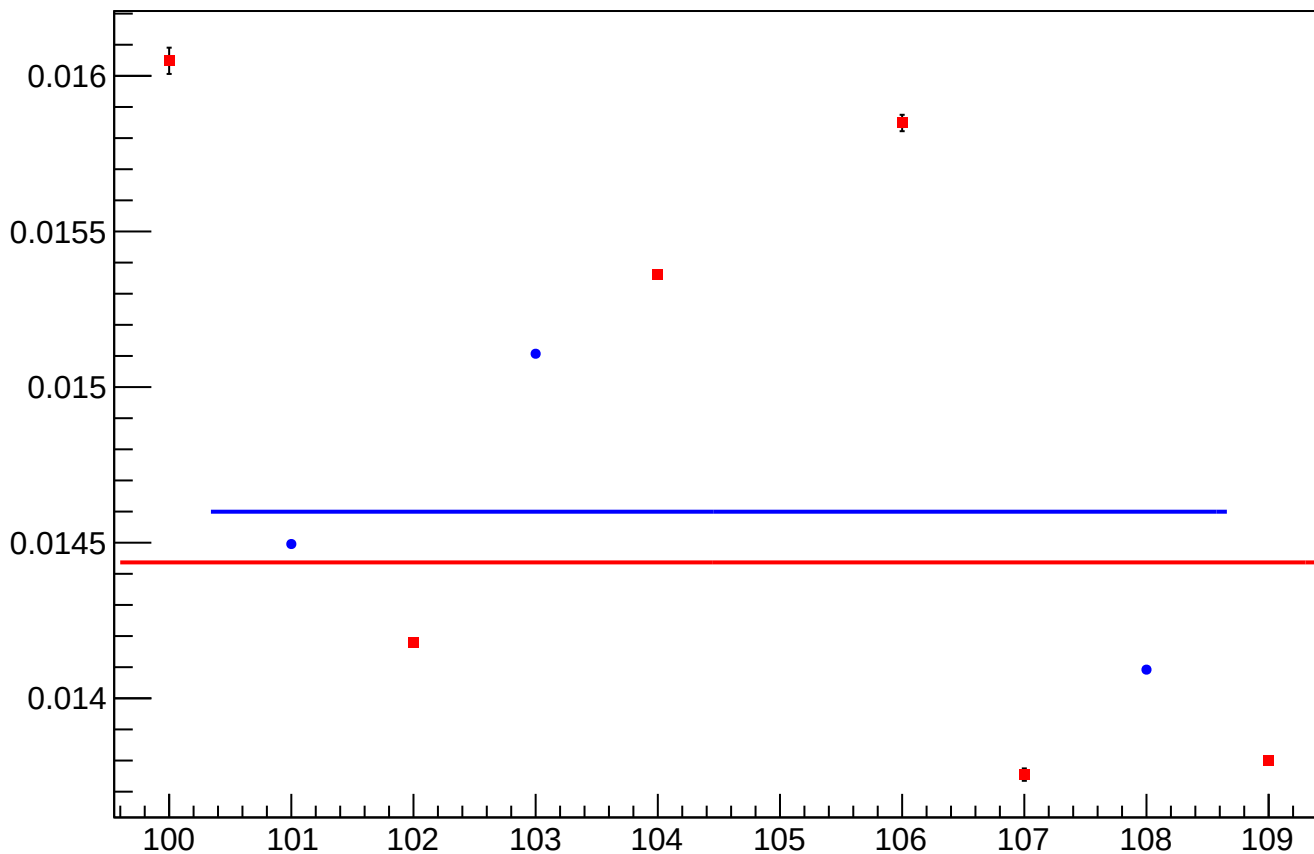
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.805 $\pm$ 0.000 χ^2 /NDF: 250791158.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06X_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 2418.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 11952.8/5

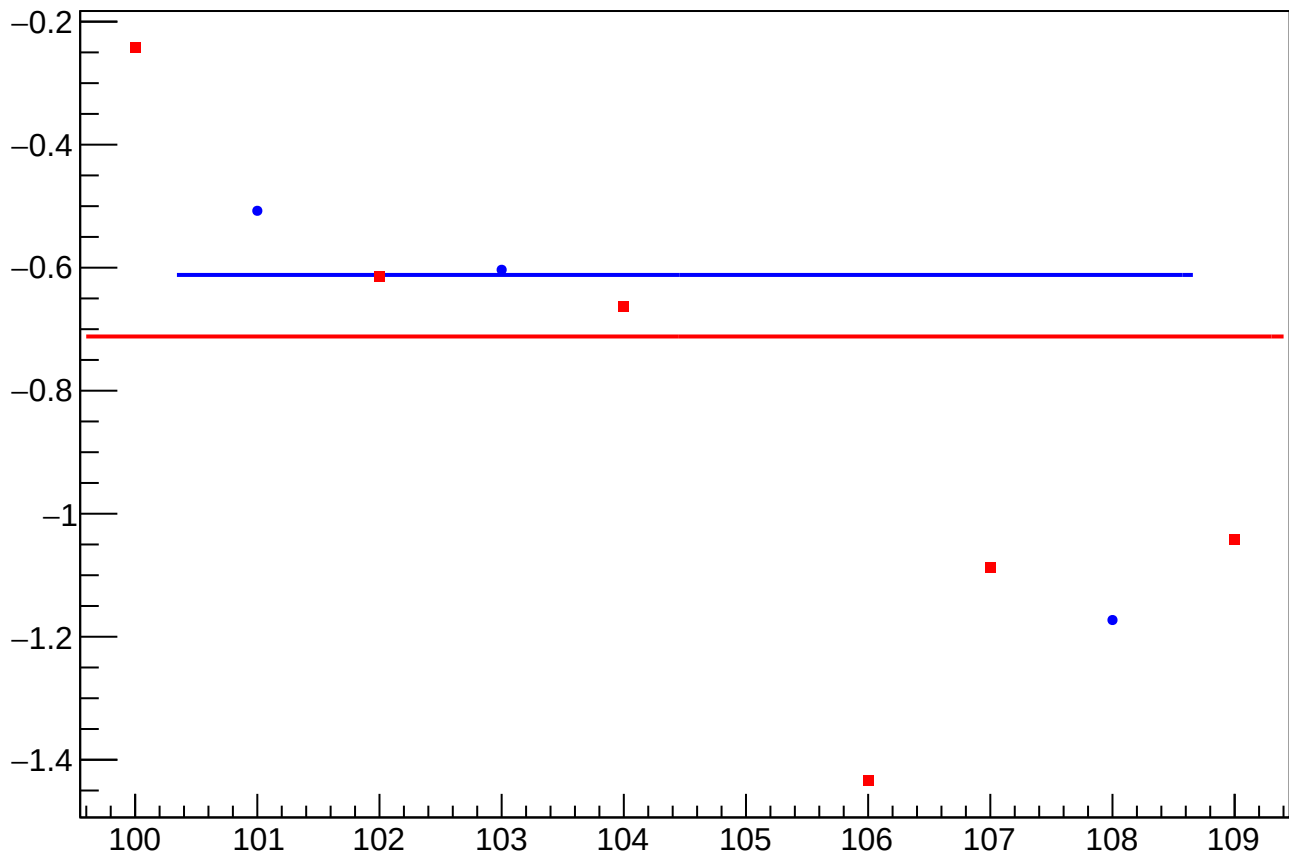
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 14607.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_mean vs Slug



Right In: -0.612+/-0.000 χ^2/NDF : 3097635190.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.712+/-0.000 χ^2/NDF : 4530547424.0/5

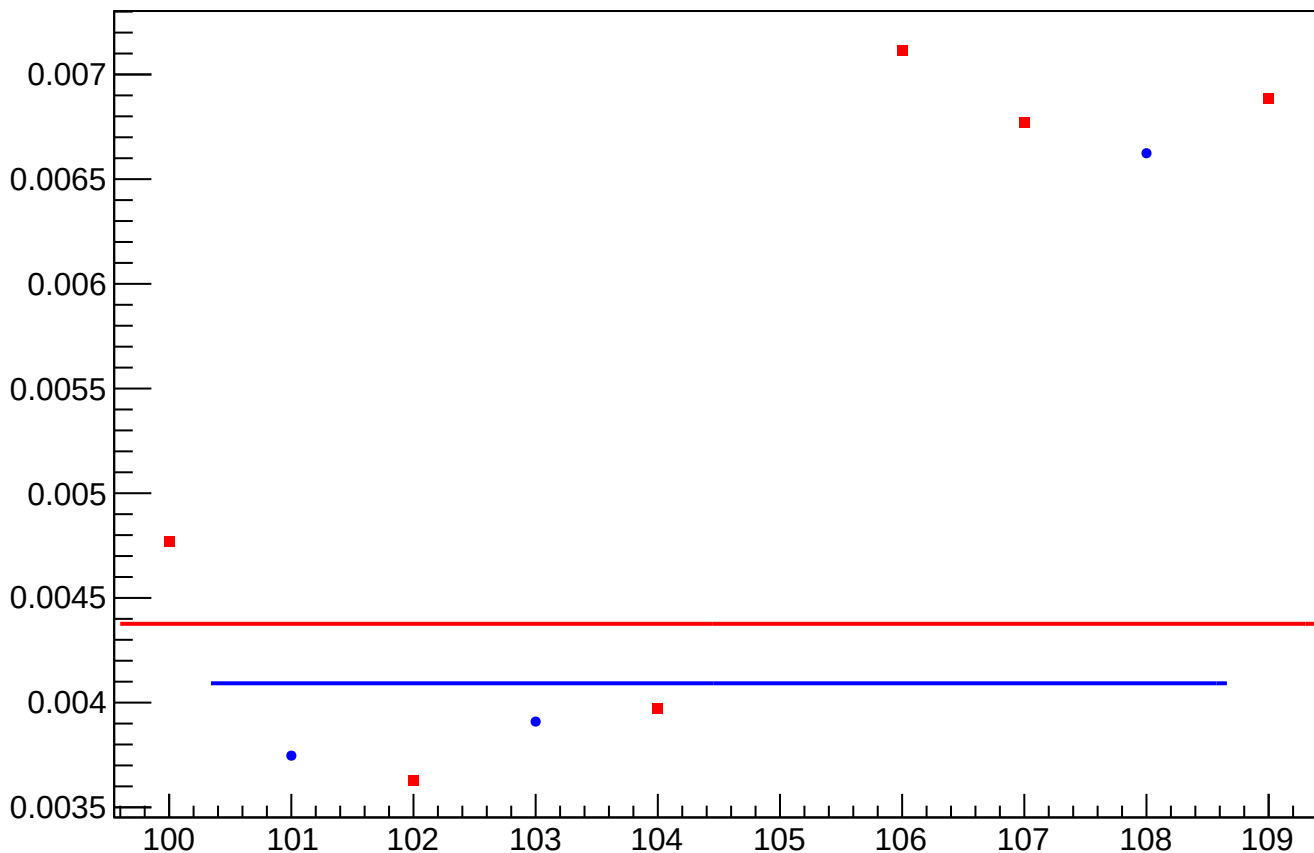
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.665+/-0.000 χ^2/NDF : 8089969271.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 119869.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 295224.0/5

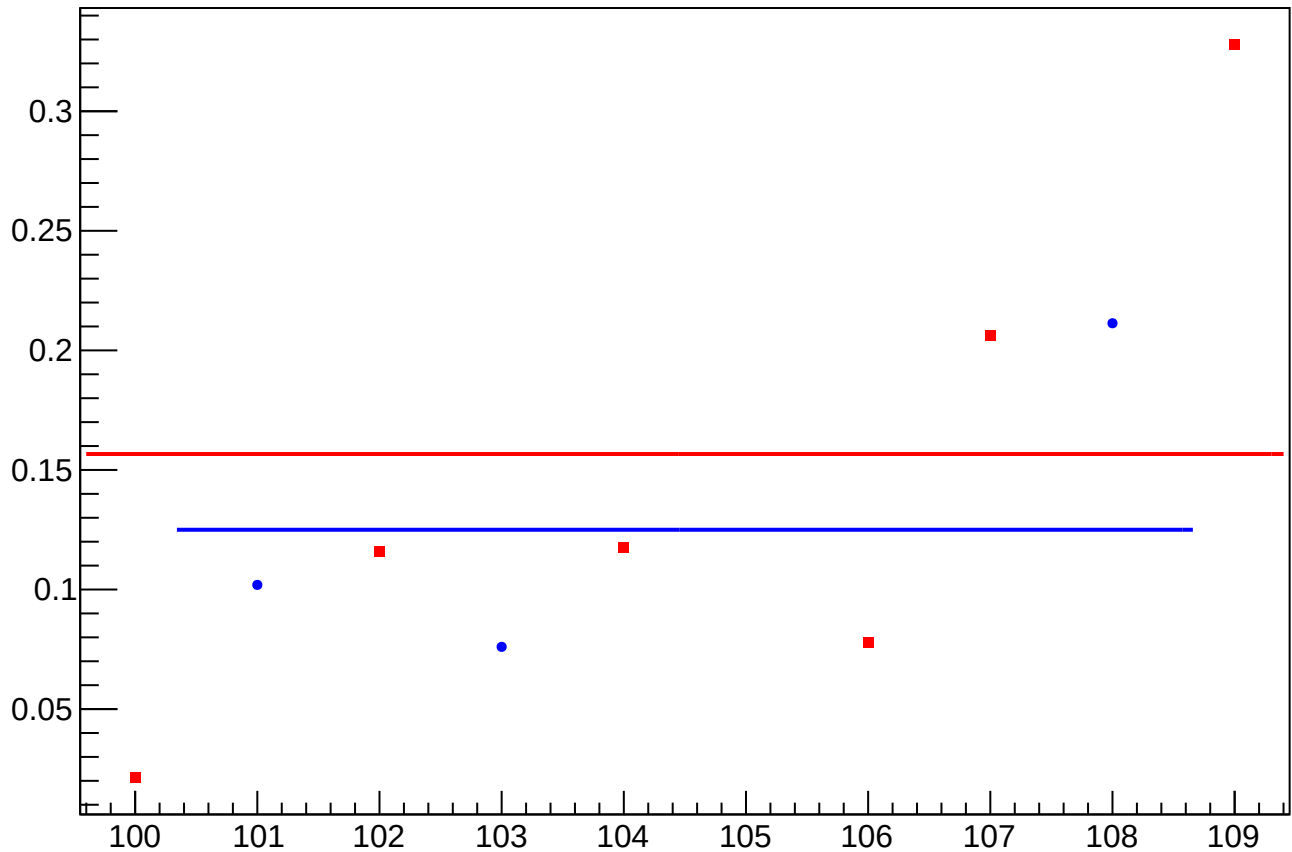
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 422537.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug



Right In: 0.125+/-0.000 χ^2/NDF : 2234343905.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.157+/-0.000 χ^2/NDF : 8765108220.0/5

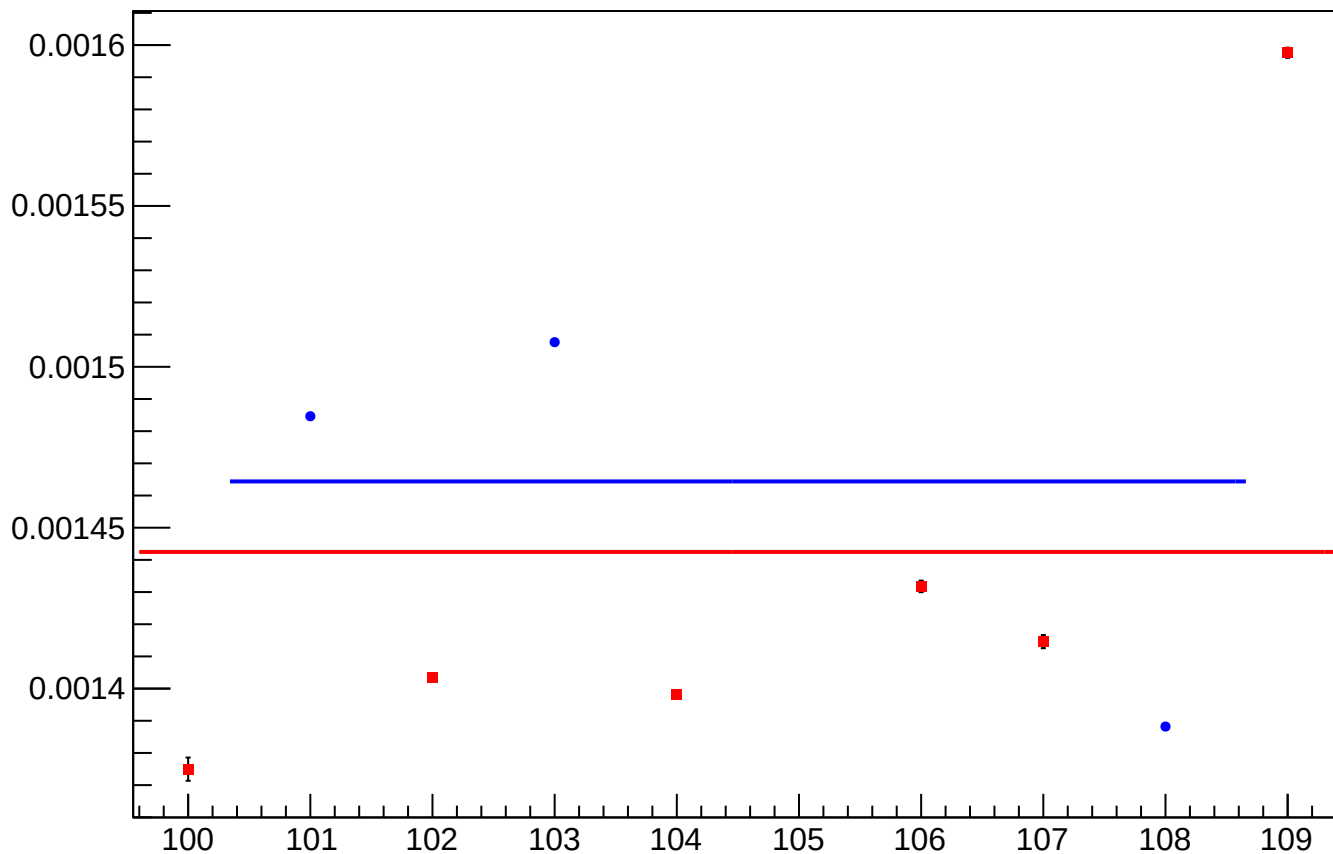
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.144+/-0.000 χ^2/NDF : 11425657970.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_rms vs Slug



Right In: 0.001 $\pm$ 0.000 χ^2 /NDF: 3480.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 12198.8/5

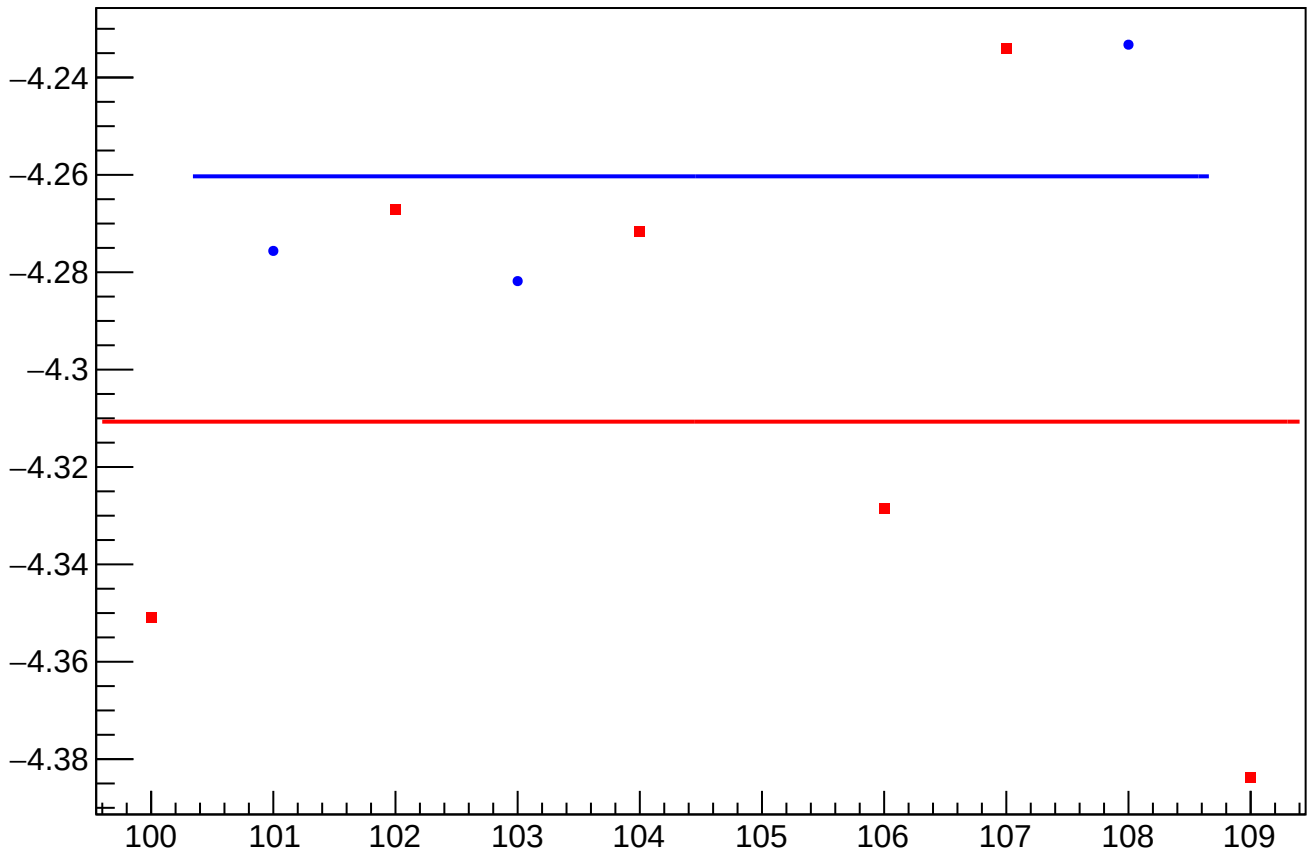
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 16087.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01Y_mean vs Slug



Right In: -4.260 $\pm$ 0.000 χ^2 /NDF: 269618445.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

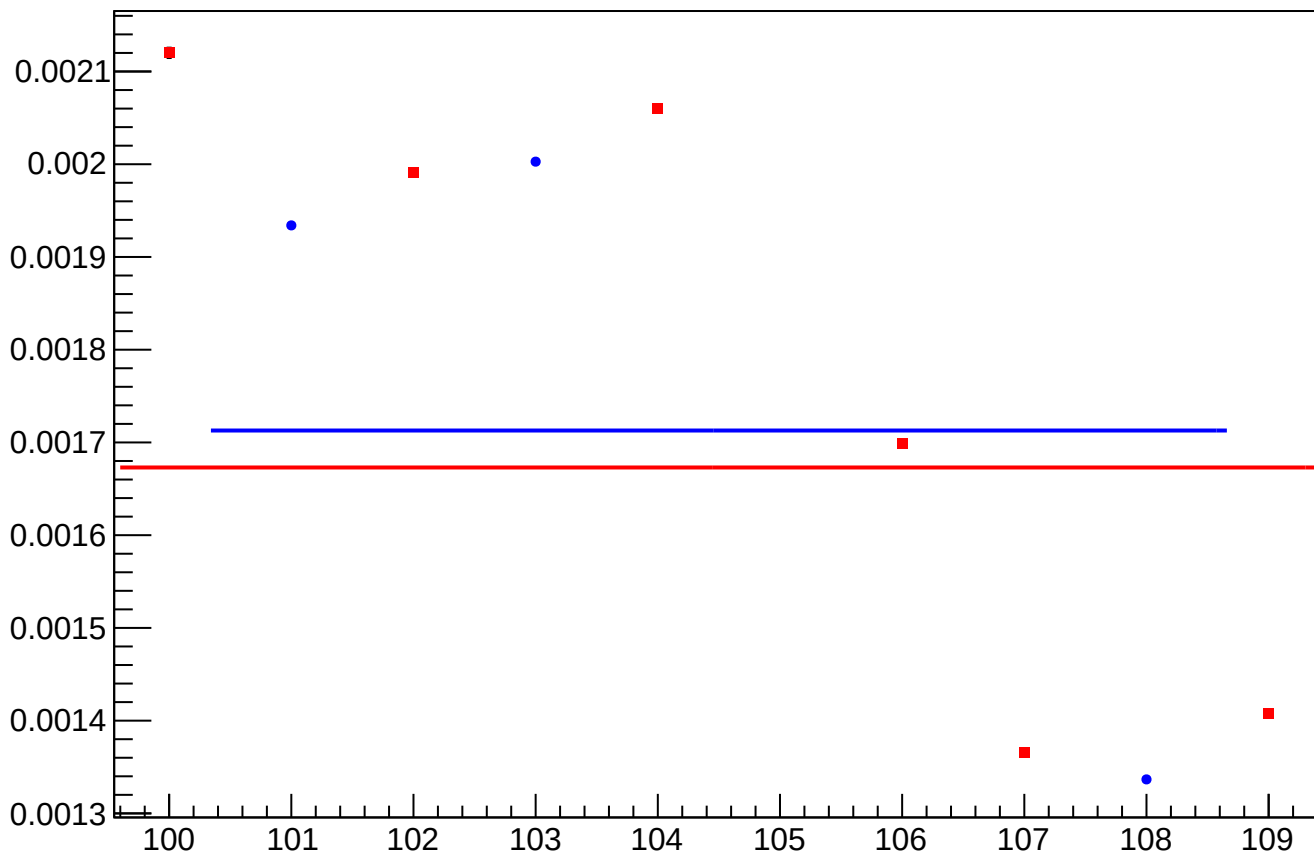
Right Out: -4.311 $\pm$ 0.000 χ^2 /NDF: 2712518220.4/5

All: -4.290 $\pm$ 0.000 χ^2 /NDF: 3800472886.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 103939.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 137296.6/5

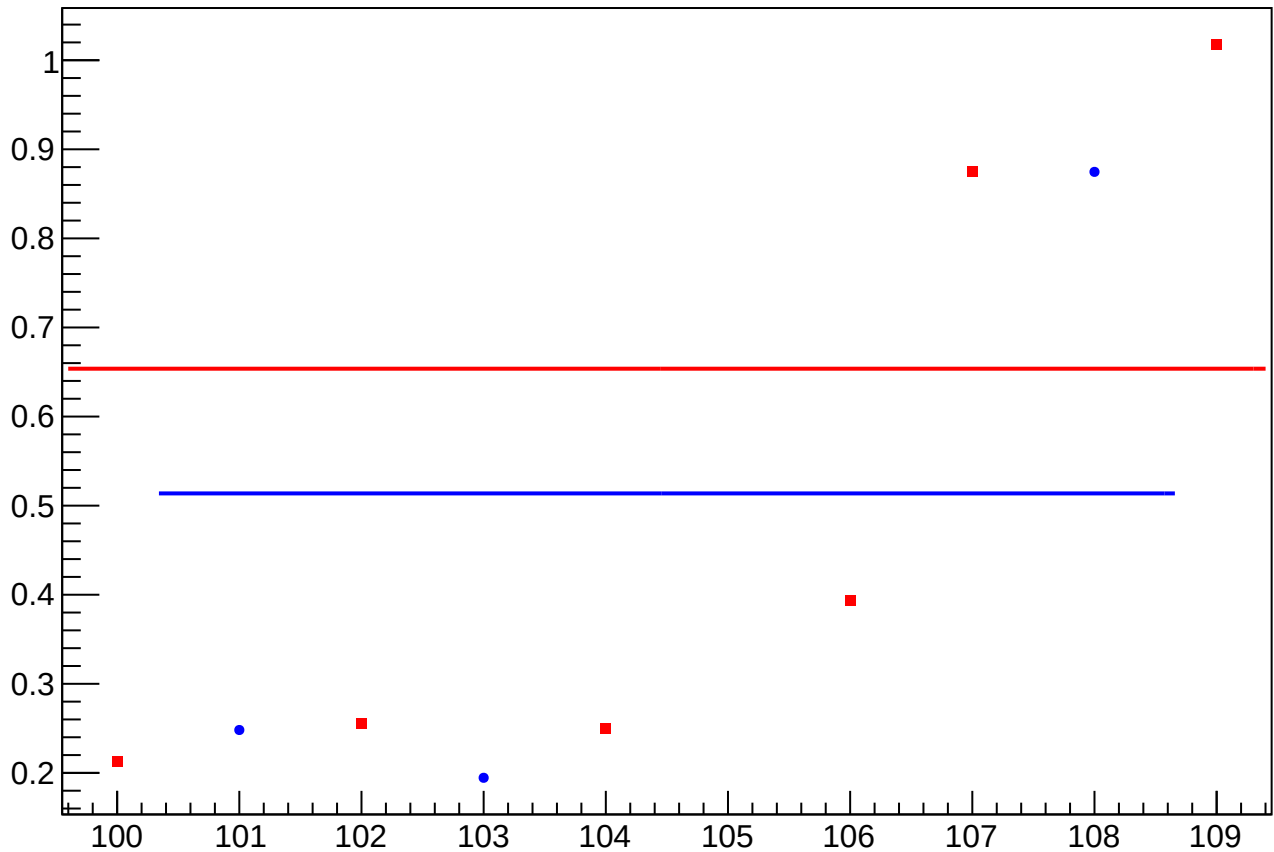
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 242260.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug



Right In: 0.514 $\pm$ 0.000 χ^2 /NDF: 3126229304.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.654 $\pm$ 0.000 χ^2 /NDF: 6535888990.7/5

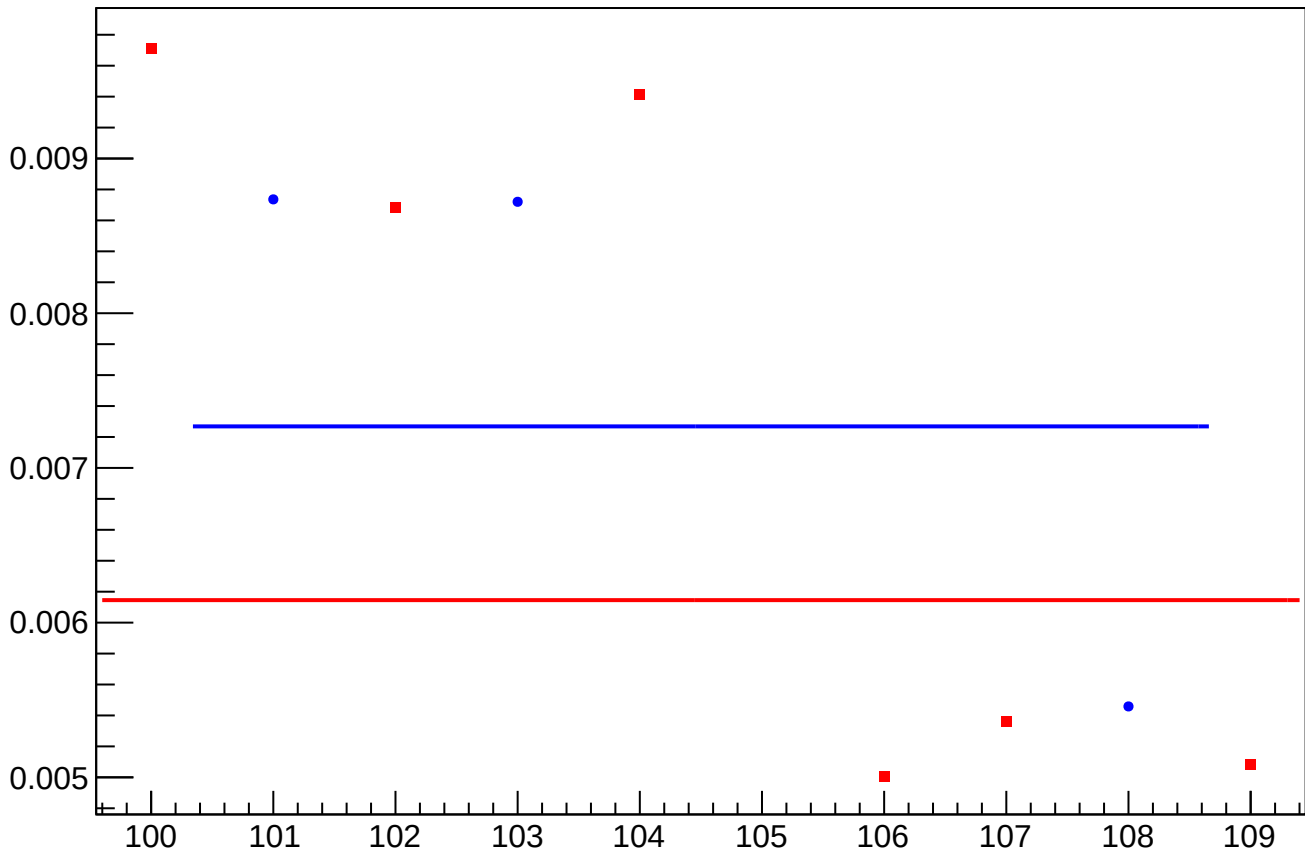
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.606 $\pm$ 0.000 χ^2 /NDF: 10045502466.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 15660.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 346652.1/5

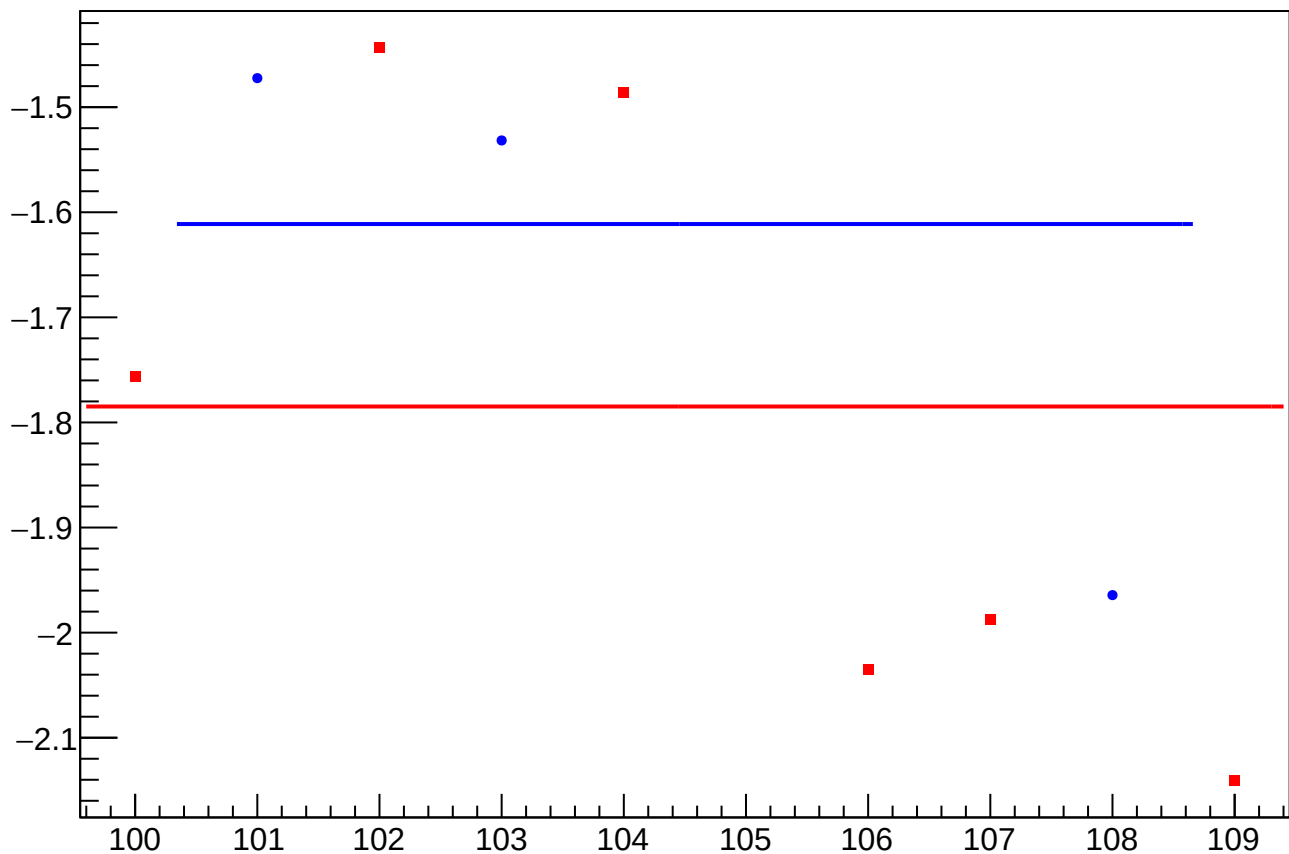
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 552658.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug



Right In: -1.611+/-0.000 χ^2/NDF : 2089383831.6/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.785+/-0.000 χ^2/NDF : 7110351163.6/5

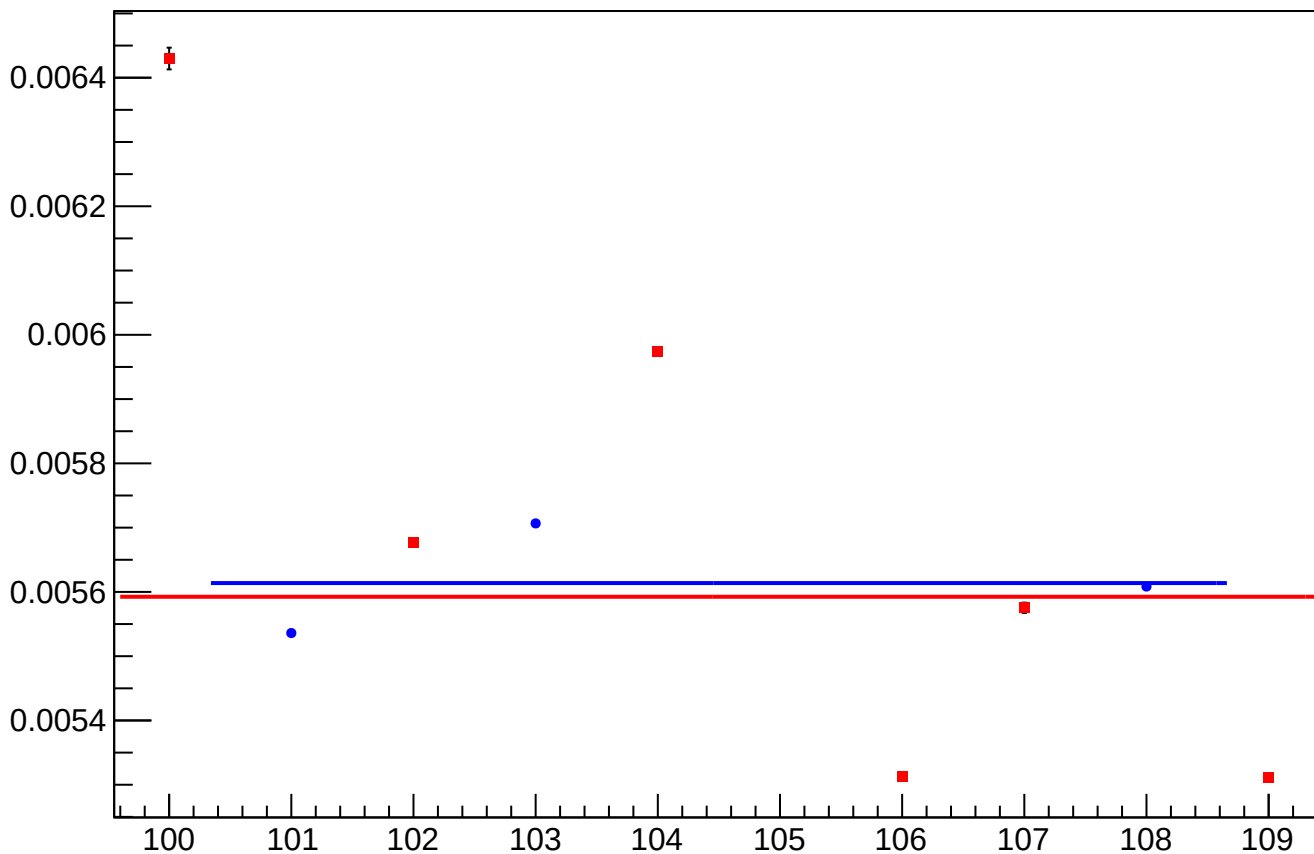
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.713+/-0.000 χ^2/NDF : 10126781049.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 577.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 11762.1/5

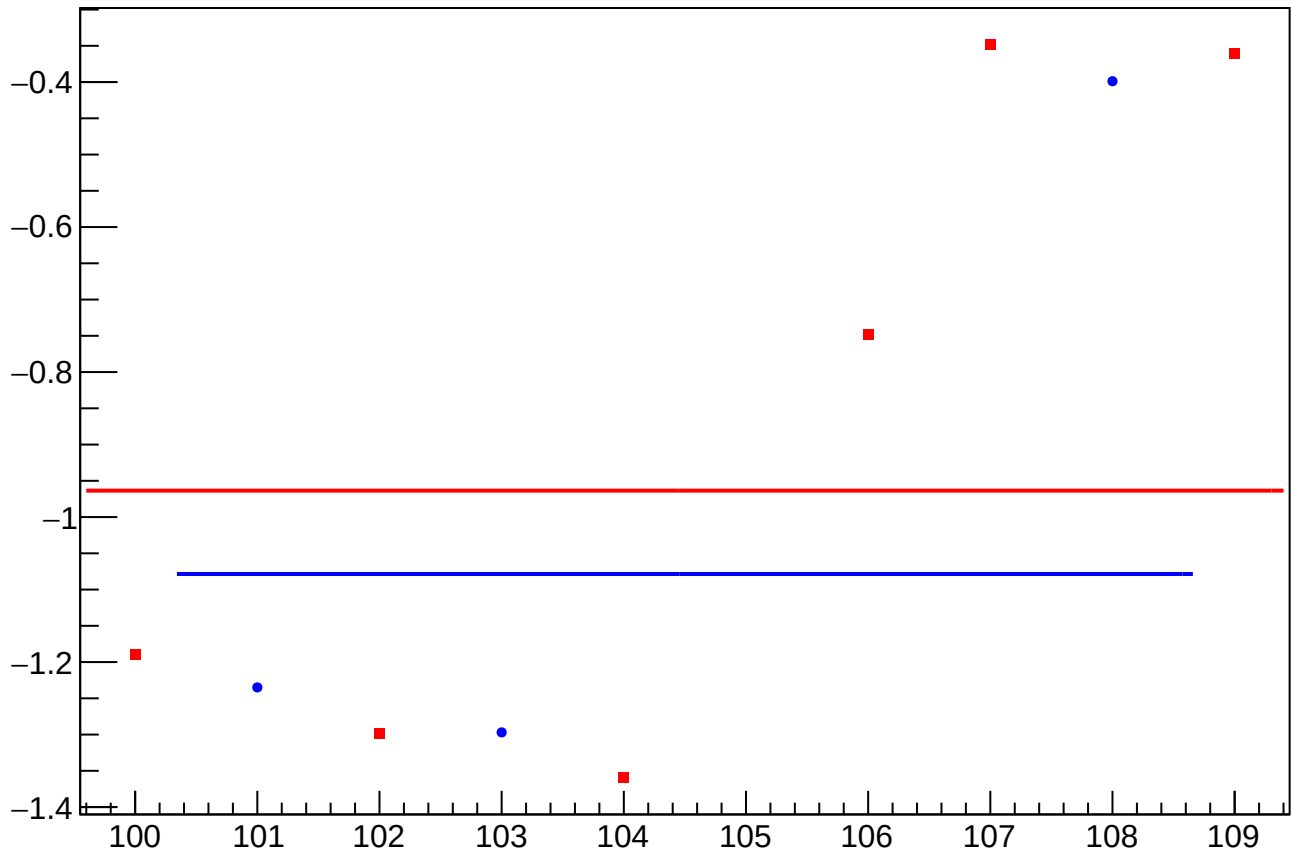
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 12367.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug



Right In: -1.079+/-0.000 χ^2/NDF : 1930542397.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.964+/-0.000 χ^2/NDF : 4084825852.8/5

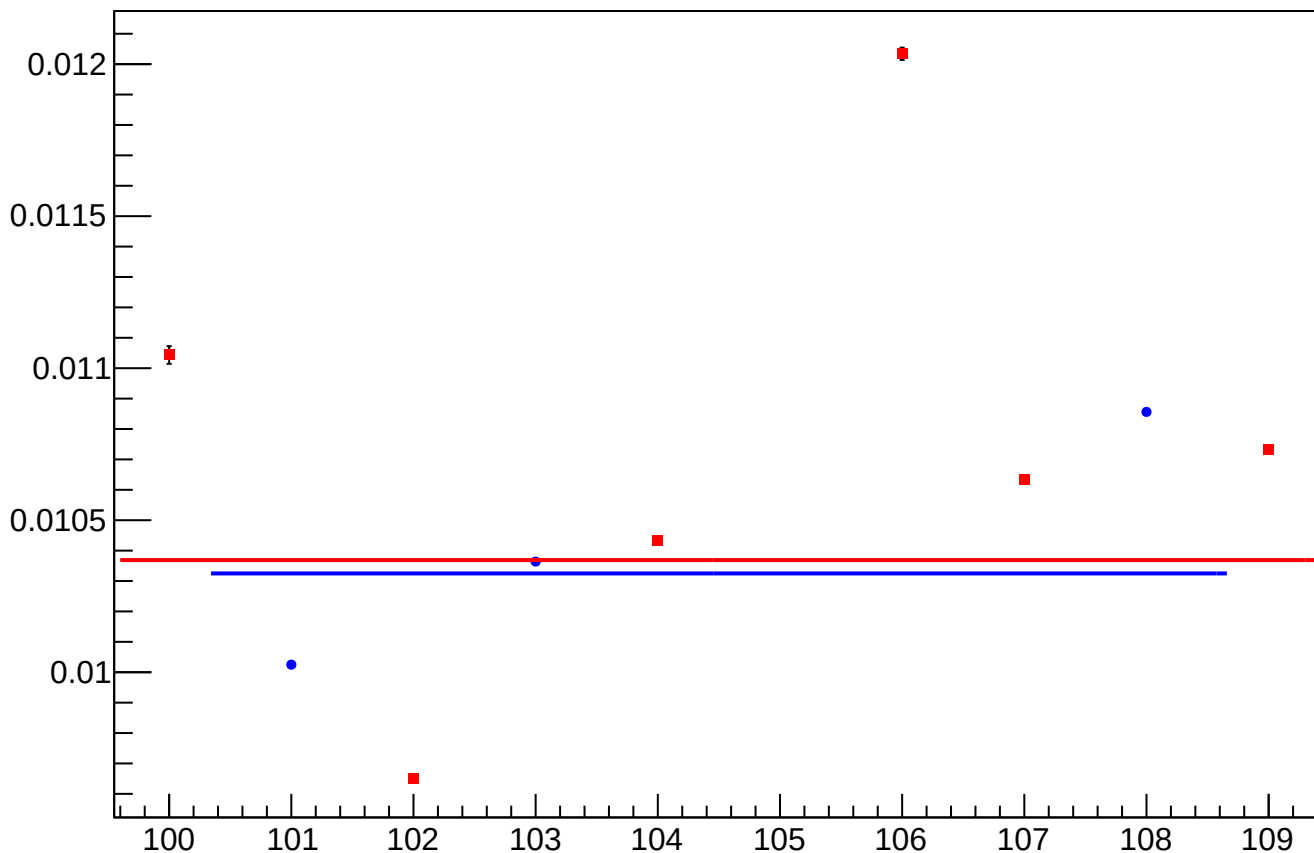
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.013+/-0.000 χ^2/NDF : 6130408237.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 3031.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 16107.4/5

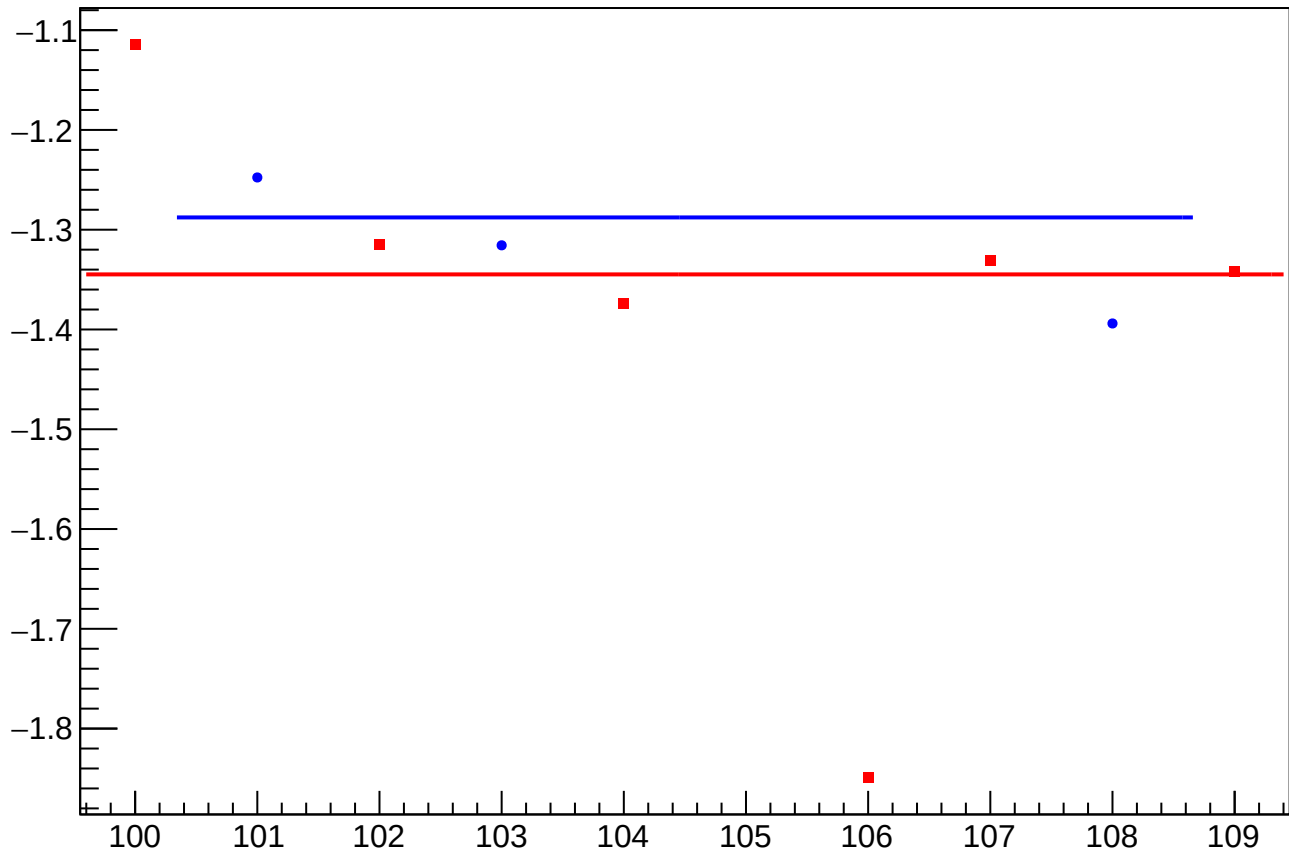
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.000 χ^2 /NDF: 19171.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01Y_mean vs Slug



Right In: -1.288+/-0.000 χ^2/NDF : 906242032.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.345+/-0.000 χ^2/NDF : 4955566378.5/5

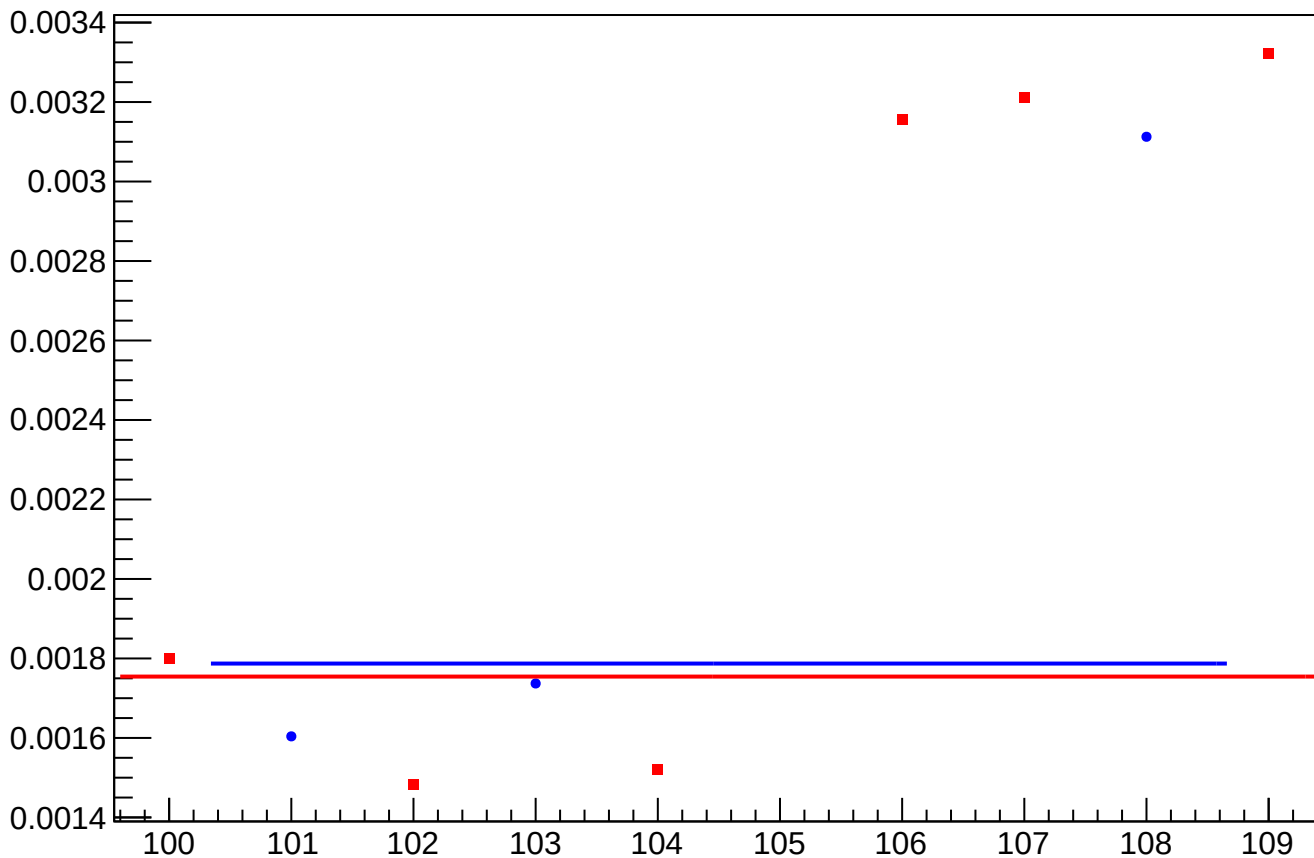
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.320+/-0.000 χ^2/NDF : 6655703917.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 145484.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 416880.5/5

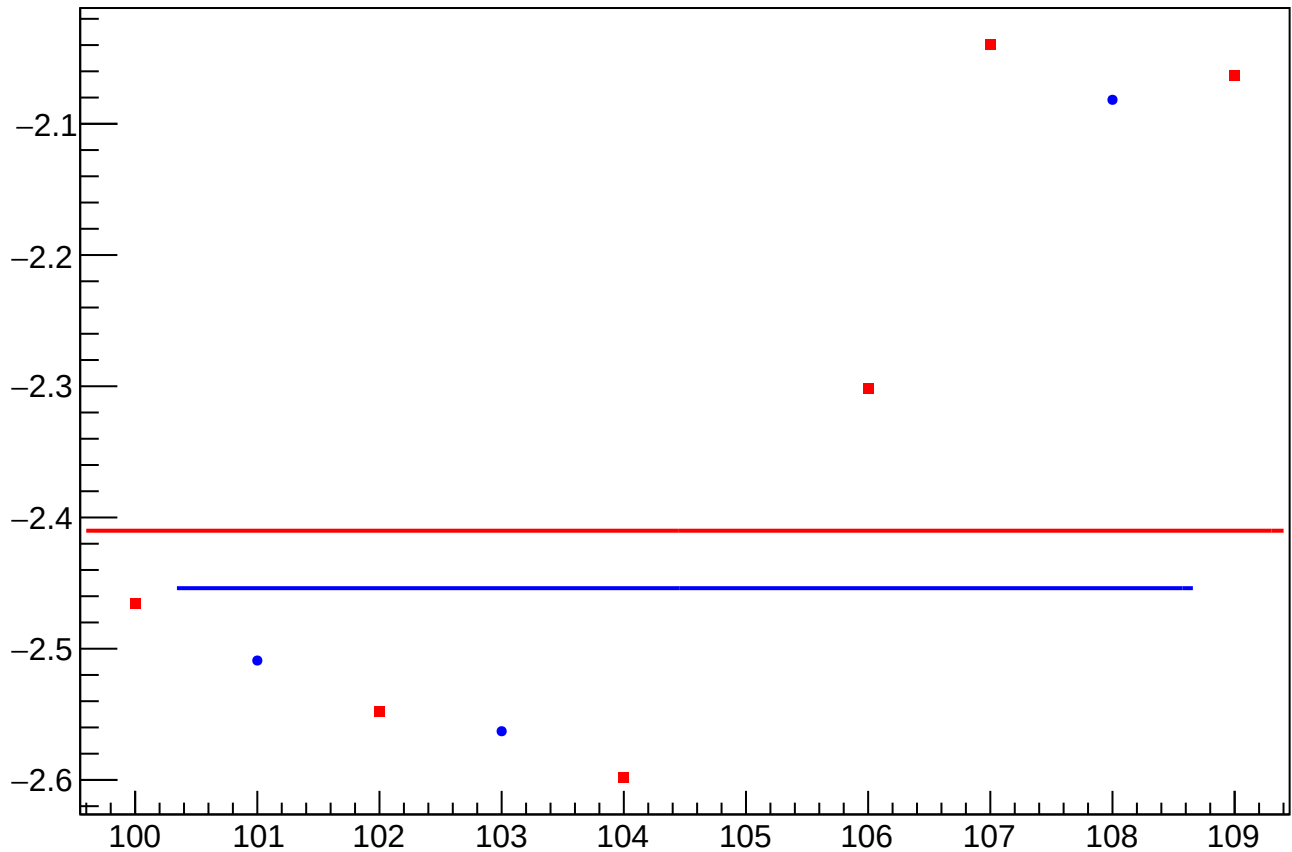
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 562886.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aX_mean vs Slug



Right In: -2.454+/-0.000 χ^2/NDF : 1401547321.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.410+/-0.000 χ^2/NDF : 3069497104.7/5

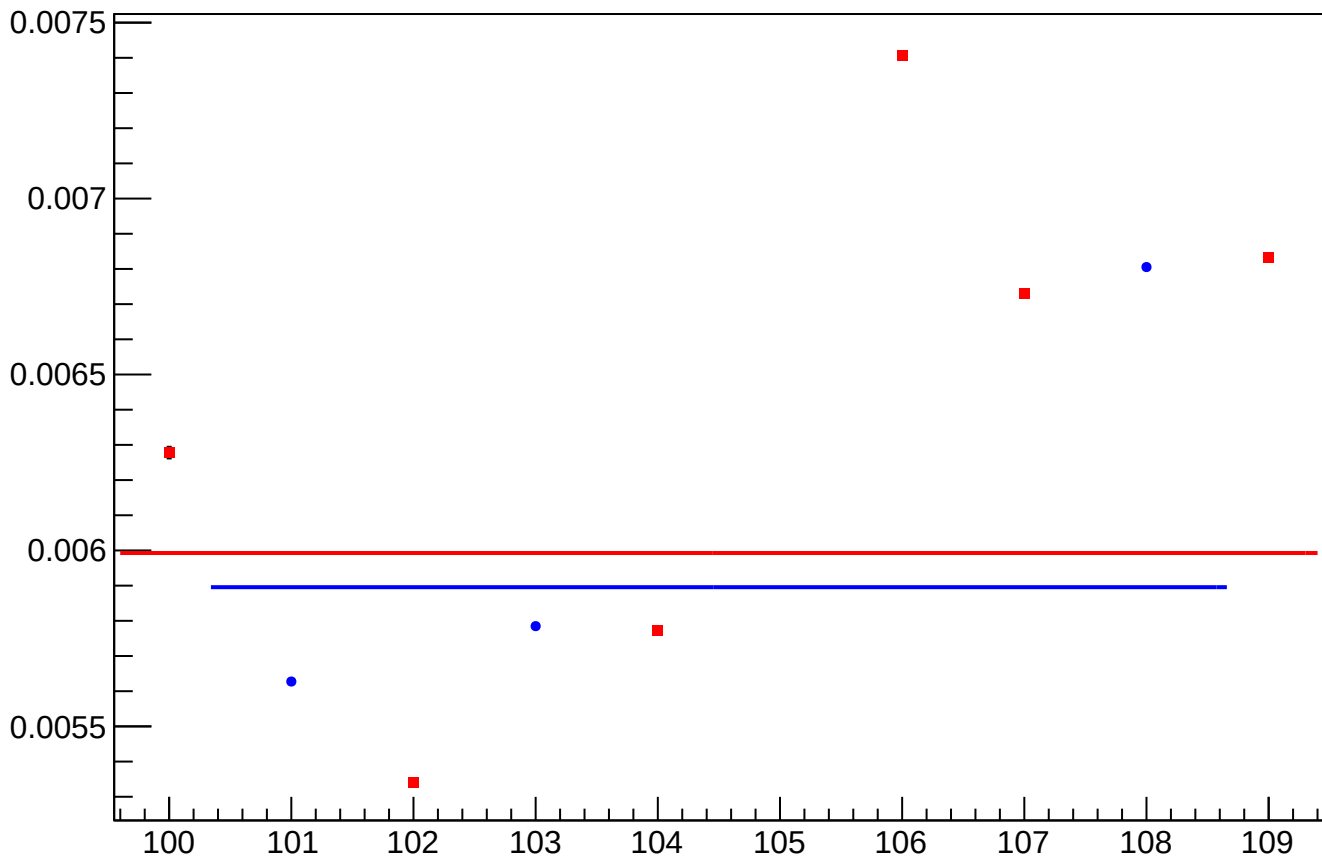
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.429+/-0.000 χ^2/NDF : 4520872657.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 16890.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 55052.7/5

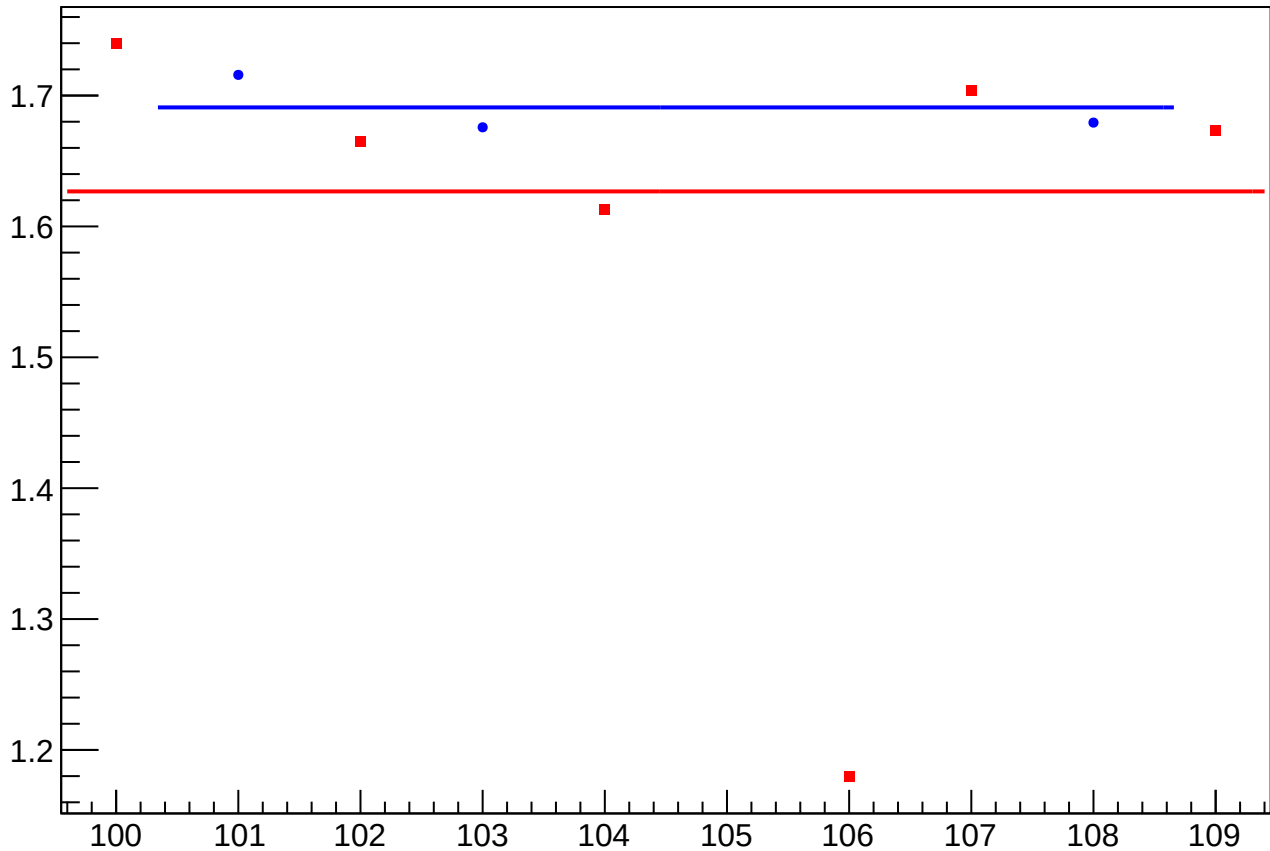
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 72432.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug



Right In: 1.691 $\pm$ 0.000 χ^2 /NDF: 108824013.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.627 $\pm$ 0.000 χ^2 /NDF: 7578133724.7/5

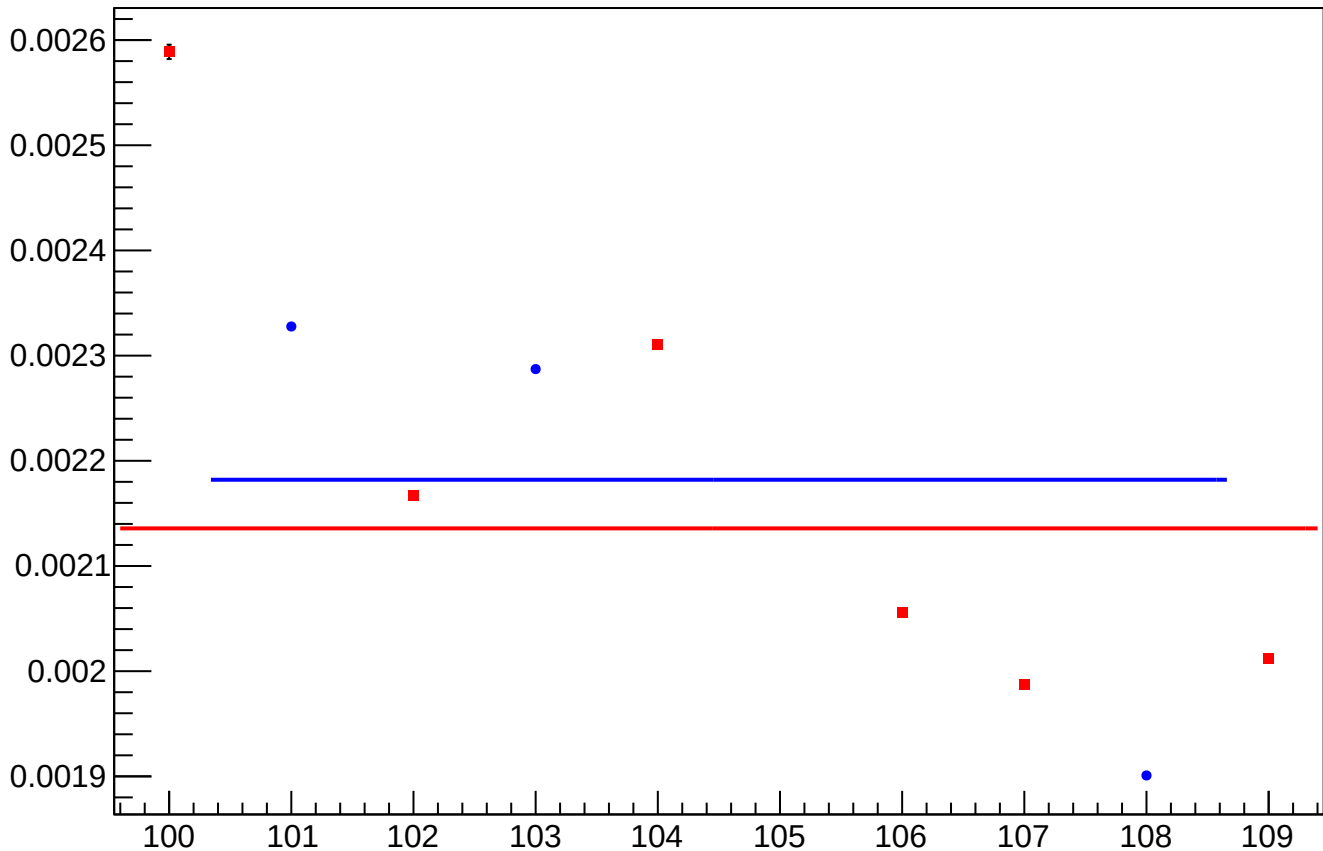
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.654 $\pm$ 0.000 χ^2 /NDF: 8457175114.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 22996.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 16807.6/5

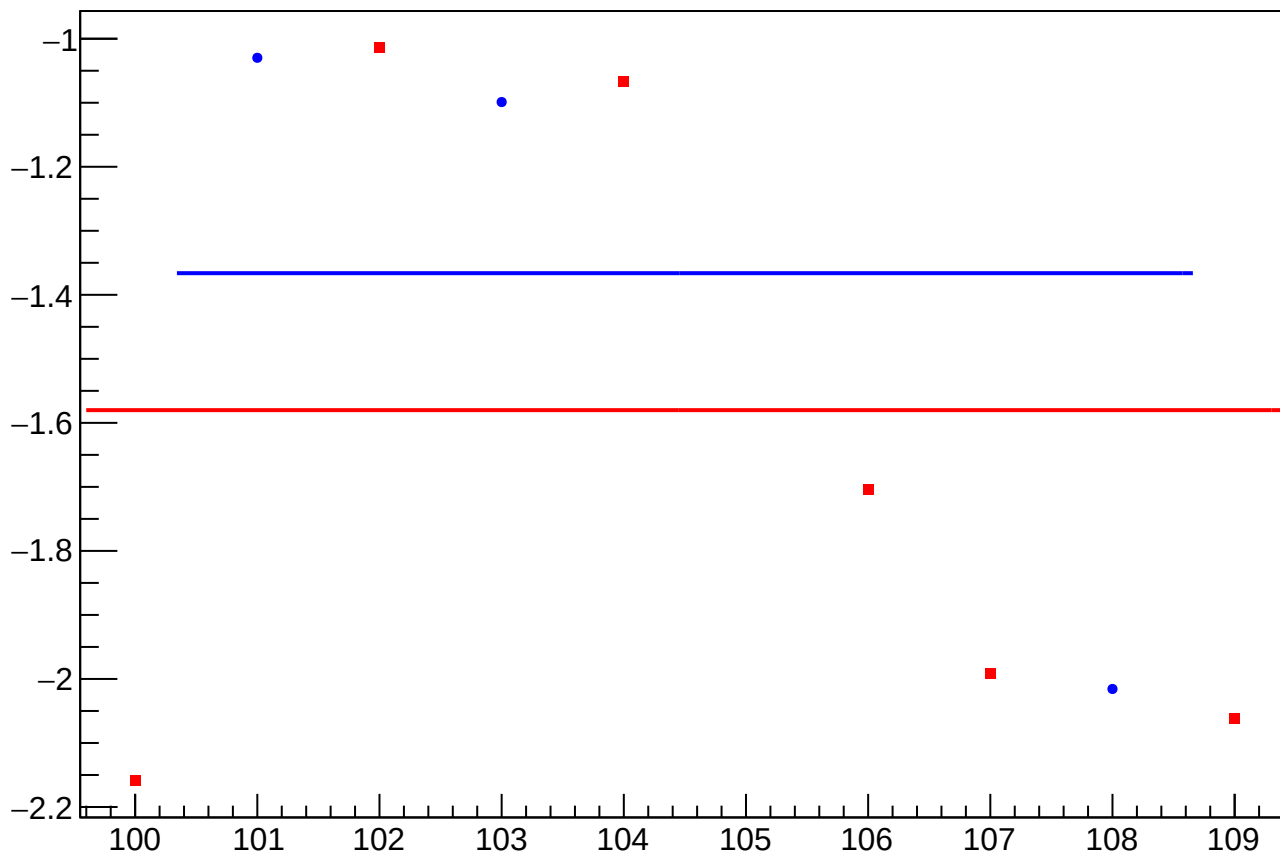
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 40604.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs Slug



Right In: -1.366+/-0.000 χ^2/NDF : 6800396017.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.580+/-0.000 χ^2/NDF : 11757265333.9/5

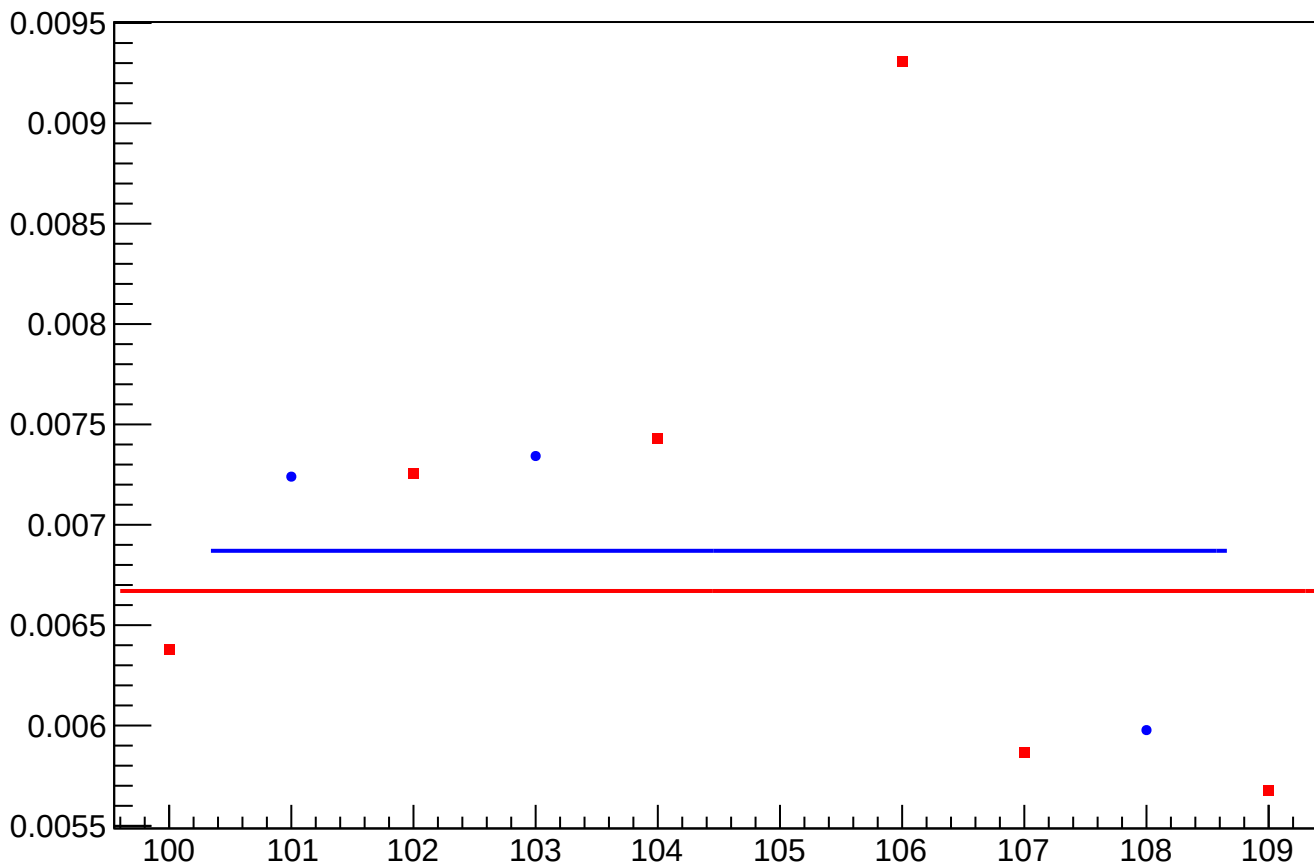
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.491+/-0.000 χ^2/NDF : 19476289183.1/1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 25743.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 97088.8/5

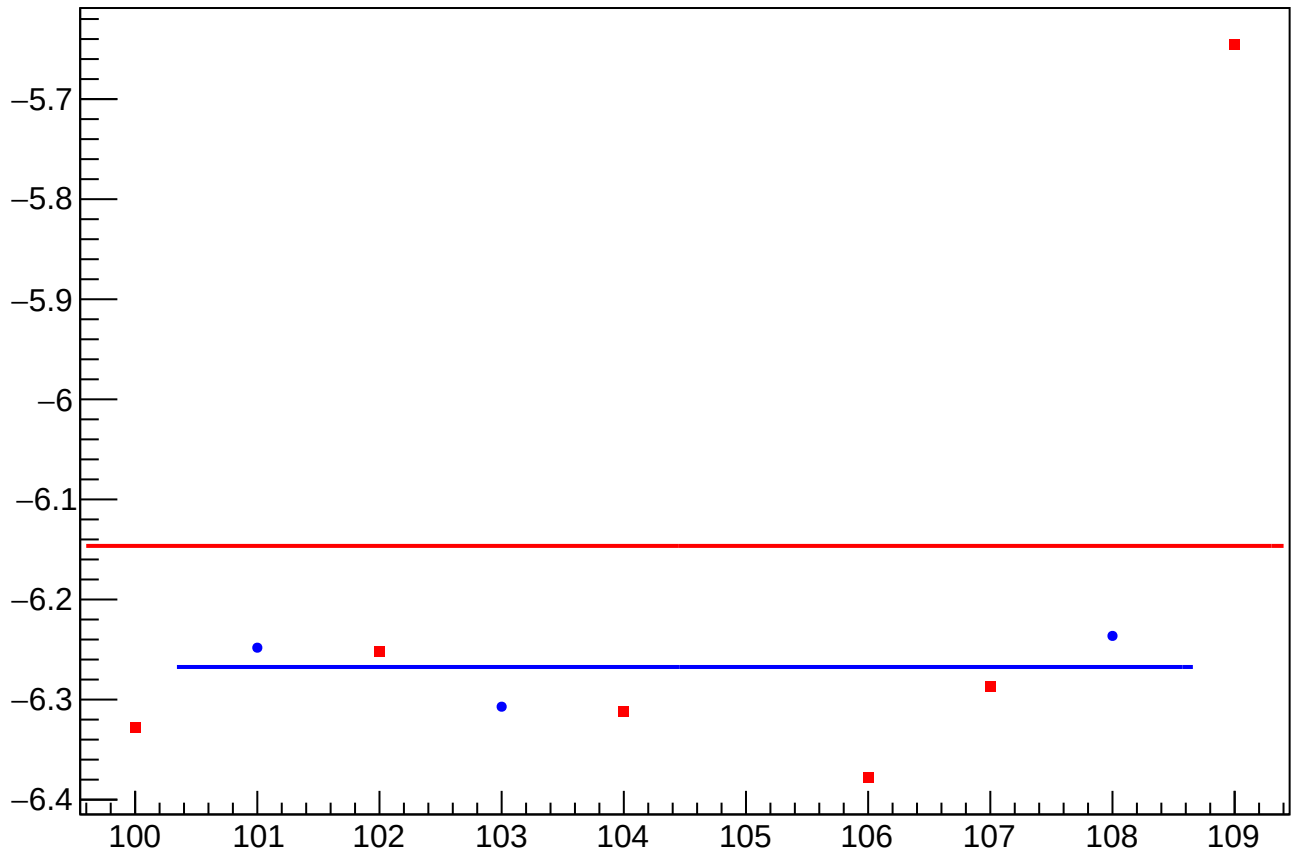
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 124440.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug



Right In: -6.267+/-0.000 χ^2/NDF : 53158073.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.146+/-0.000 χ^2/NDF : 5430456088.2/5

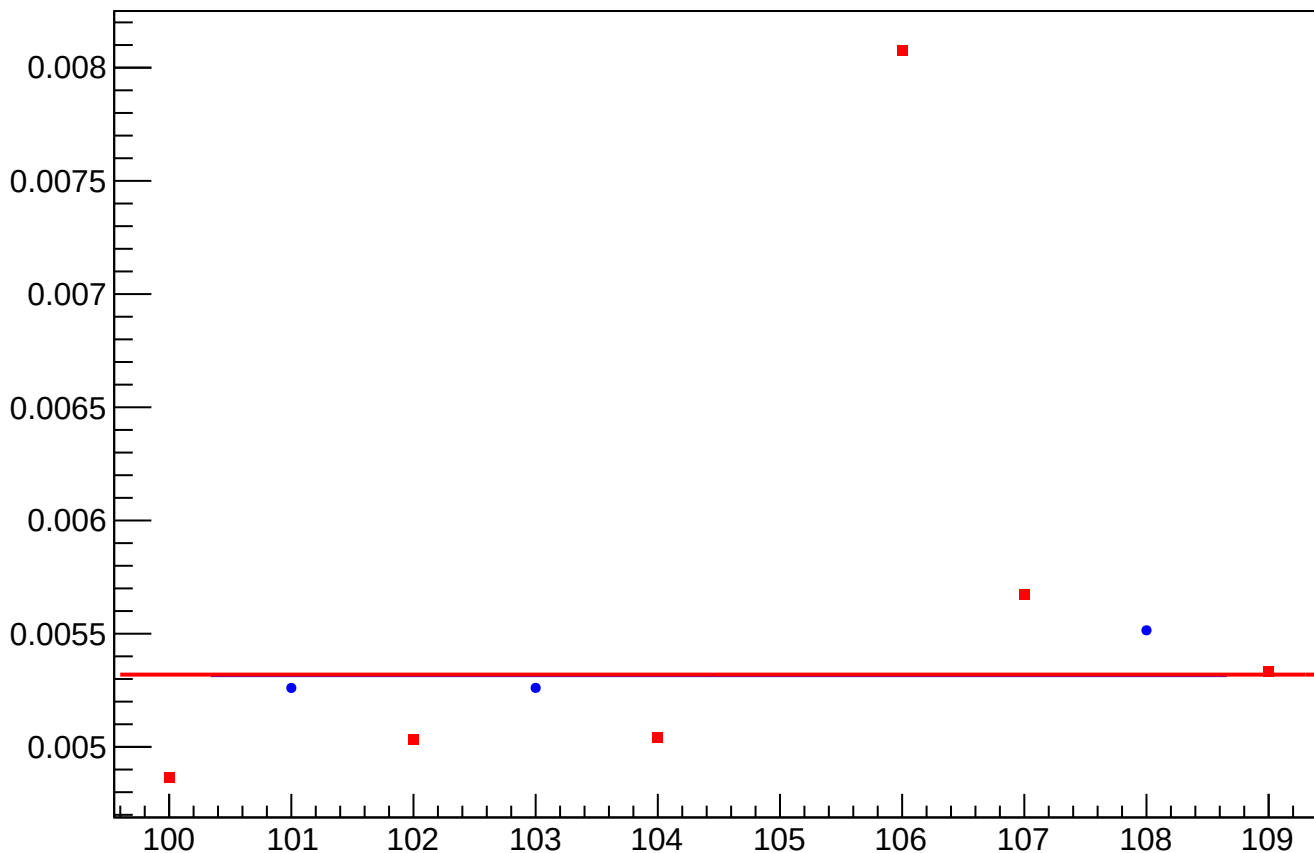
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.198+/-0.000 χ^2/NDF : 5952268030.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1252.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 71791.0/5

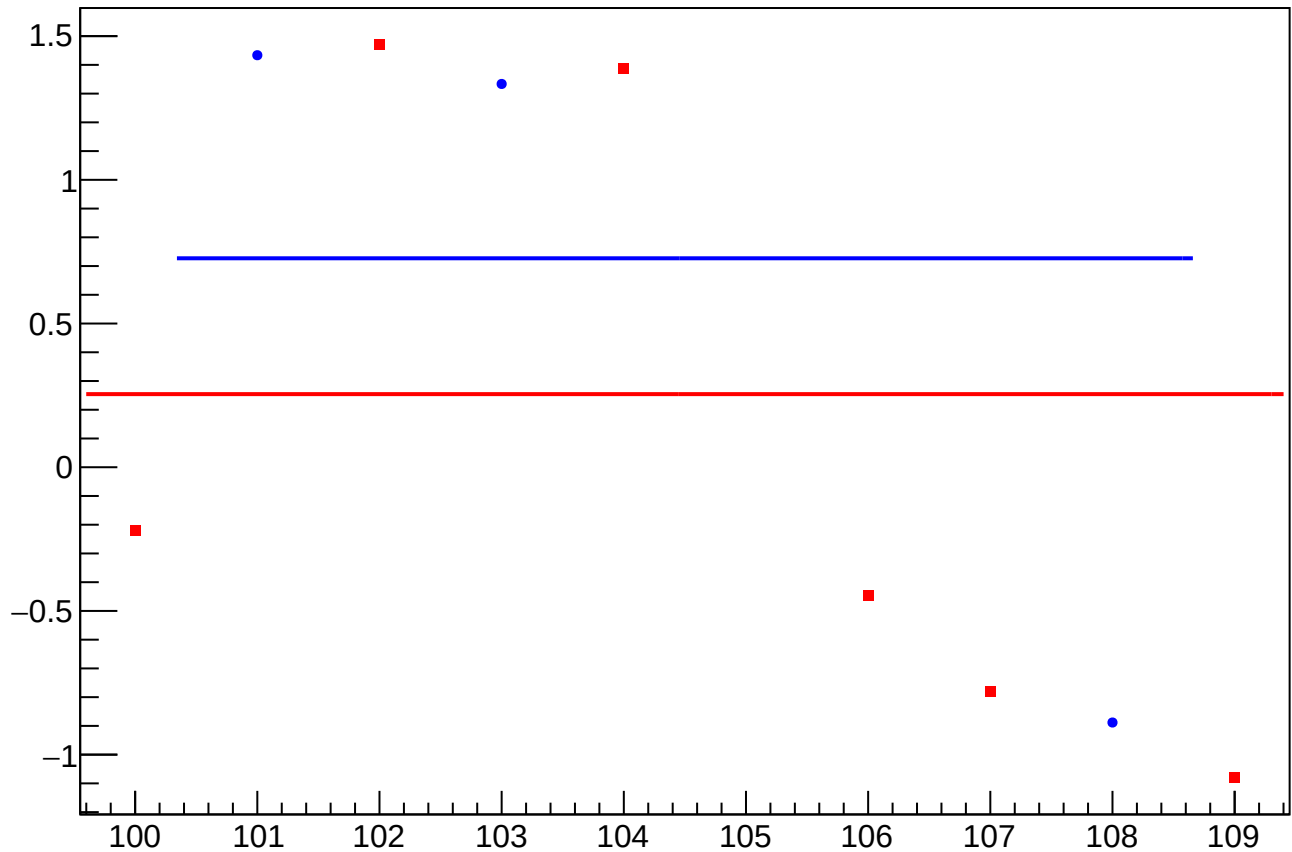
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 73043.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug



Right In: 0.727+/-0.000 χ^2/NDF : 8575370591.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.254+/-0.000 χ^2/NDF : 15168668415.9/5

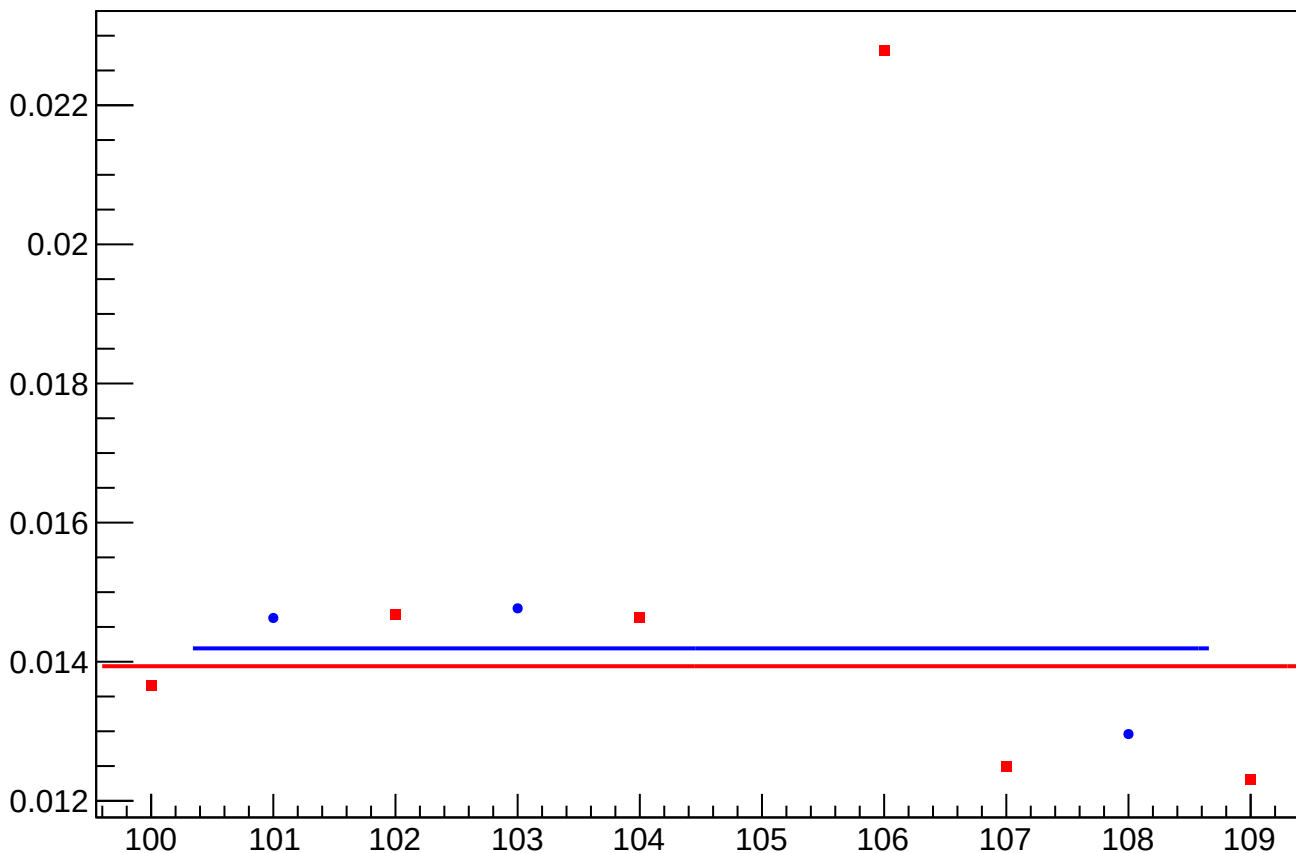
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.454+/-0.000 χ^2/NDF : 24779759759.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 10015.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 94307.6/5

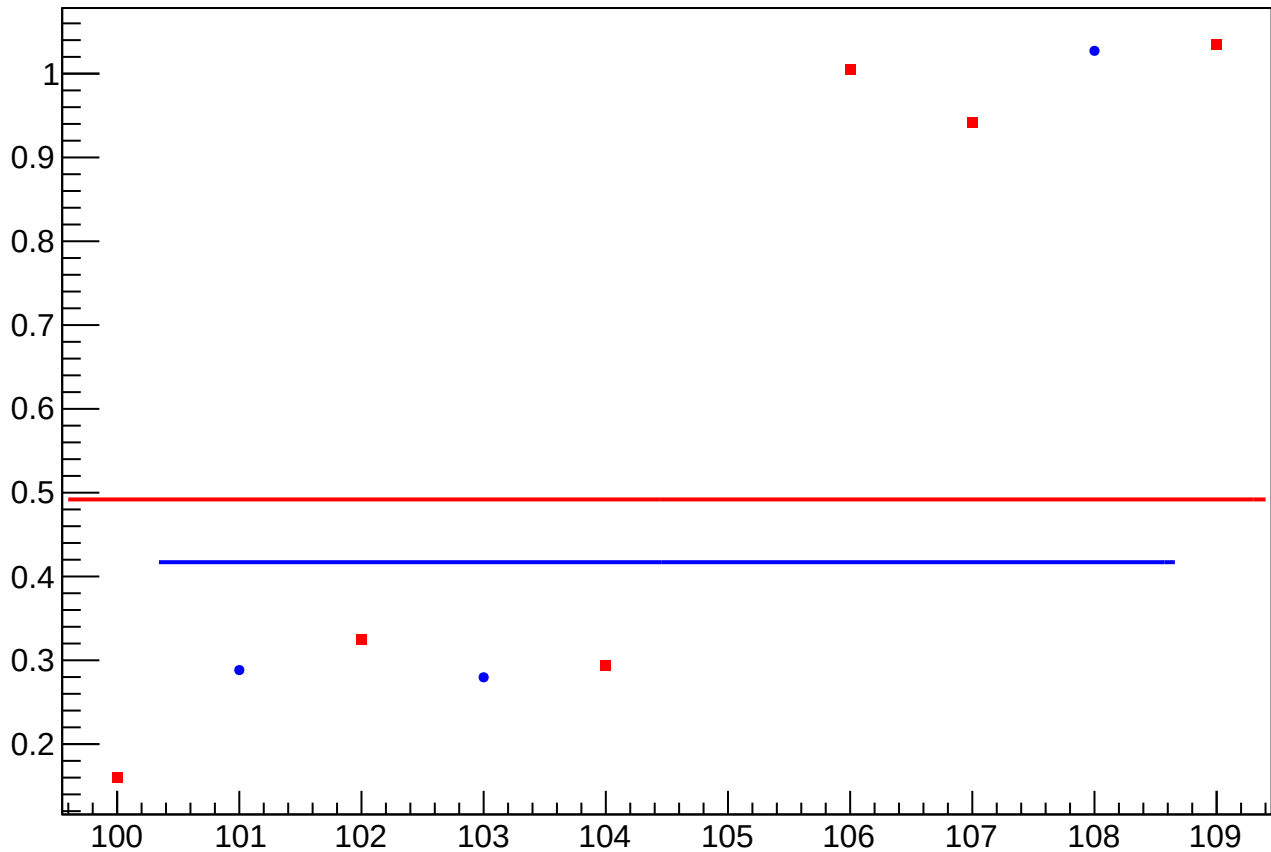
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 104933.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug



Right In: 0.417+/-0.000 χ^2/NDF : 2646063676.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.492+/-0.000 χ^2/NDF : 3980217367.0/5

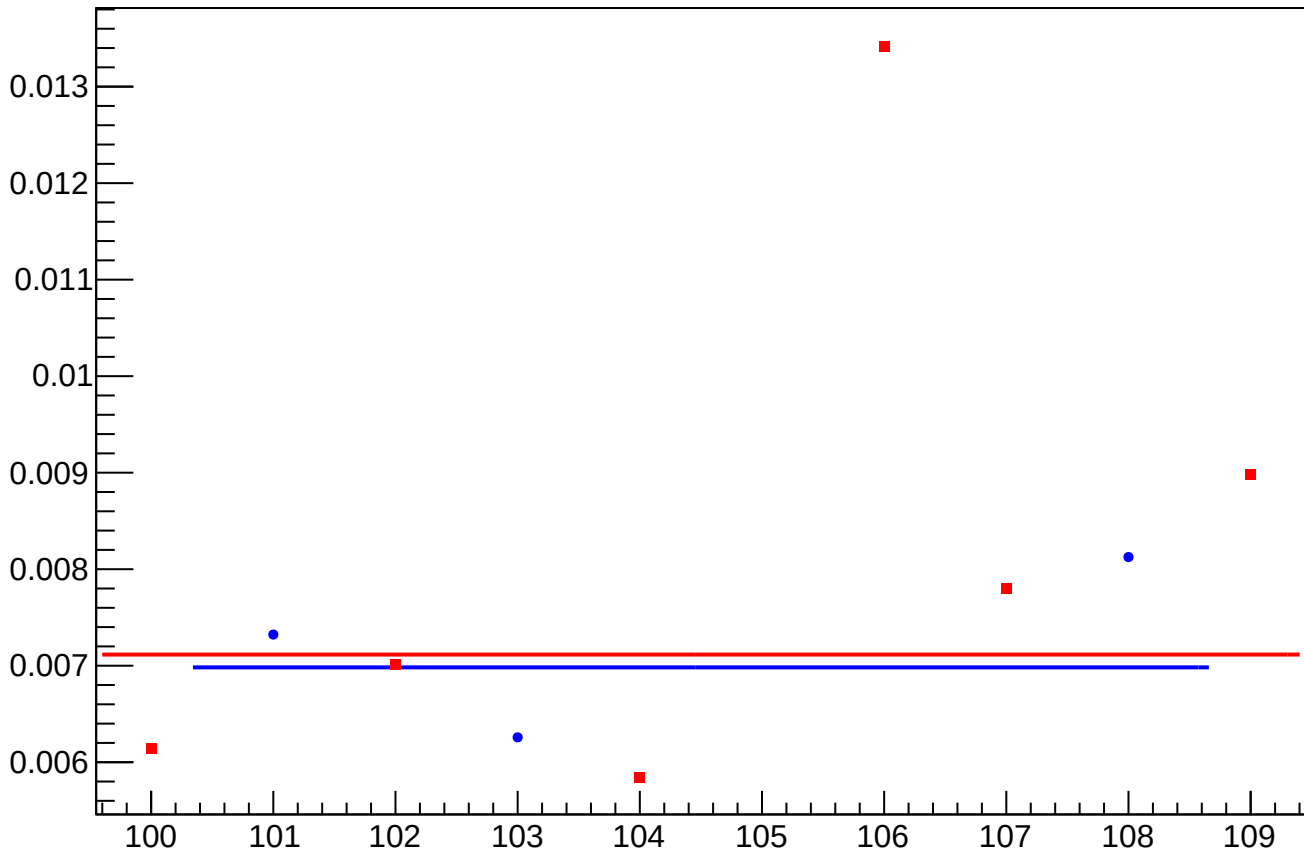
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.458+/-0.000 χ^2/NDF : 6726840477.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 33503.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 188447.9/5

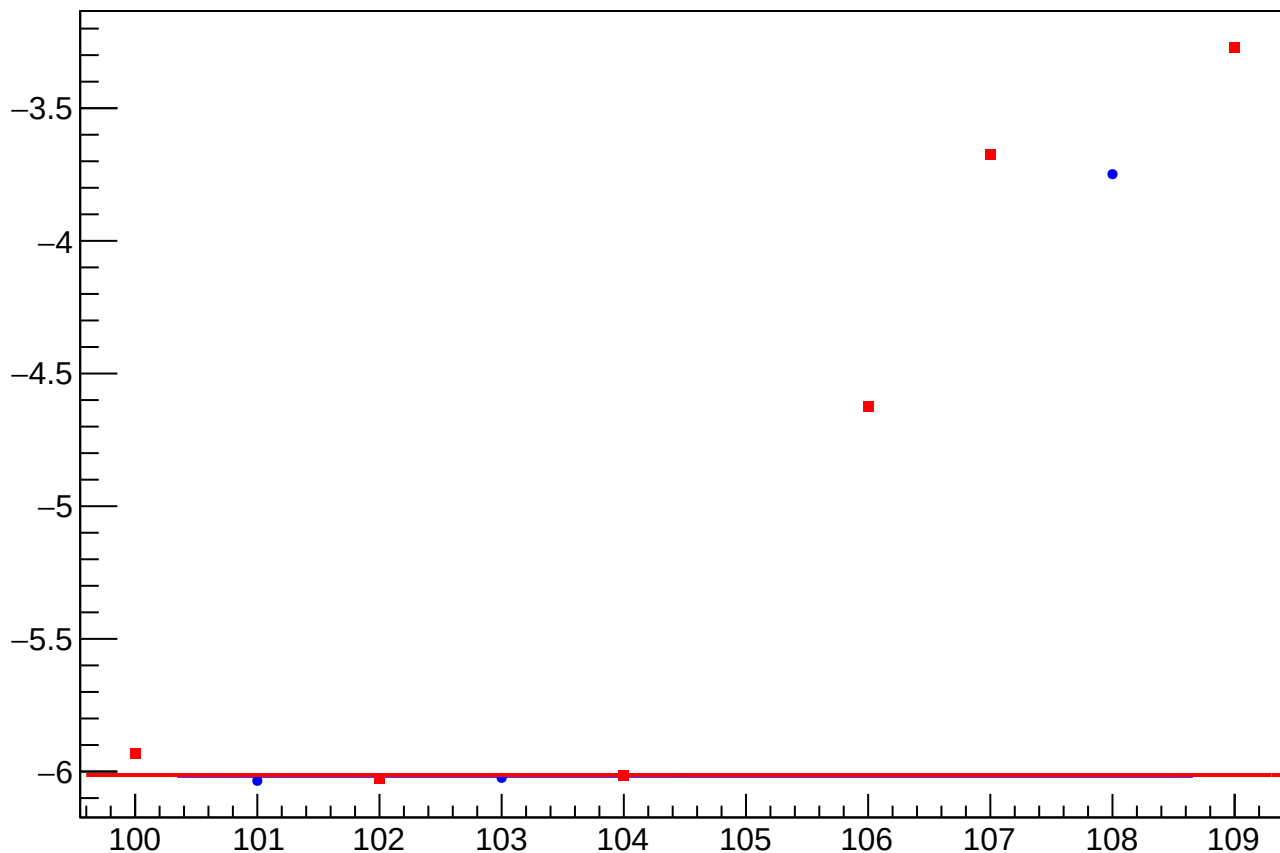
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 222583.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug



Right In: -6.016+/-0.000 χ^2/NDF : 1451333110.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.013+/-0.000 χ^2/NDF : 675692986.2/5

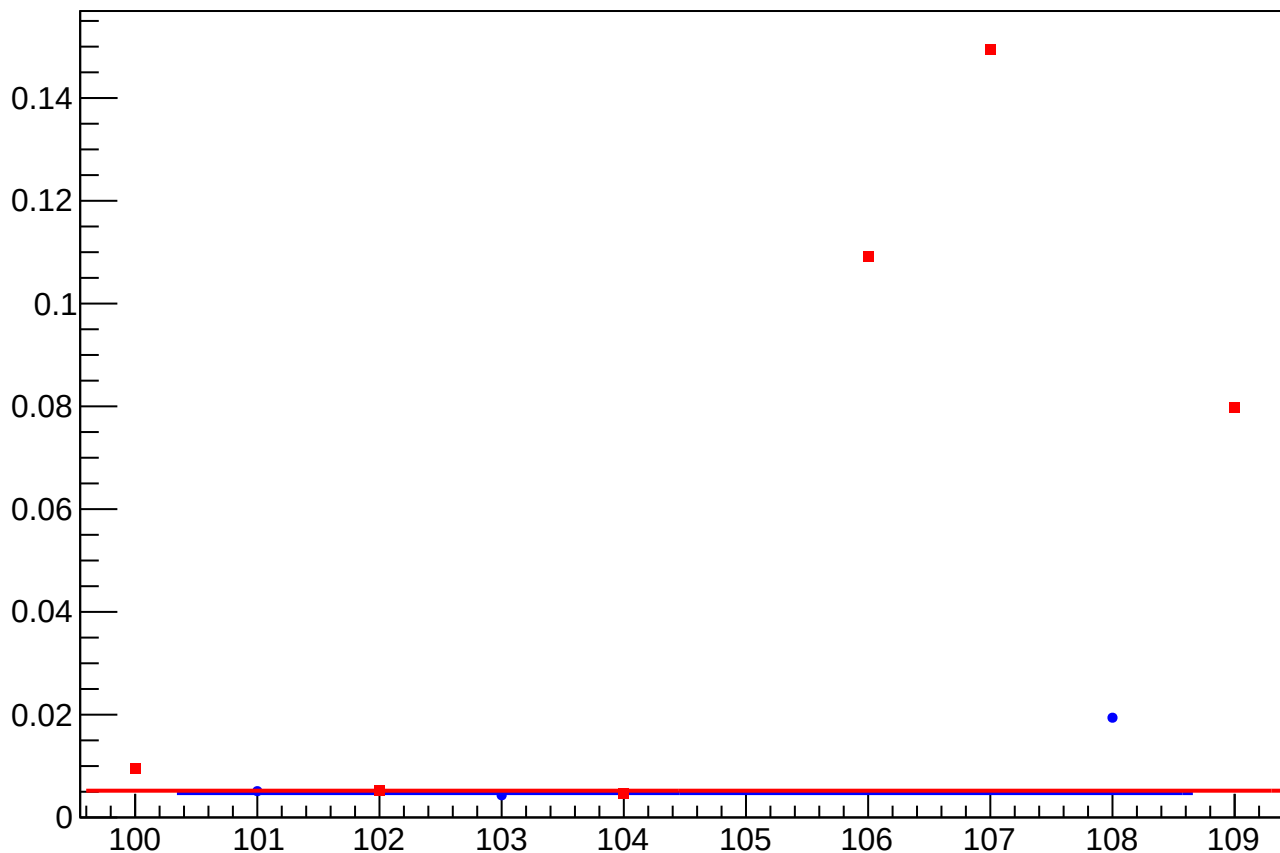
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.015+/-0.000 χ^2/NDF : 2127209013.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 137373.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1801927.2/5

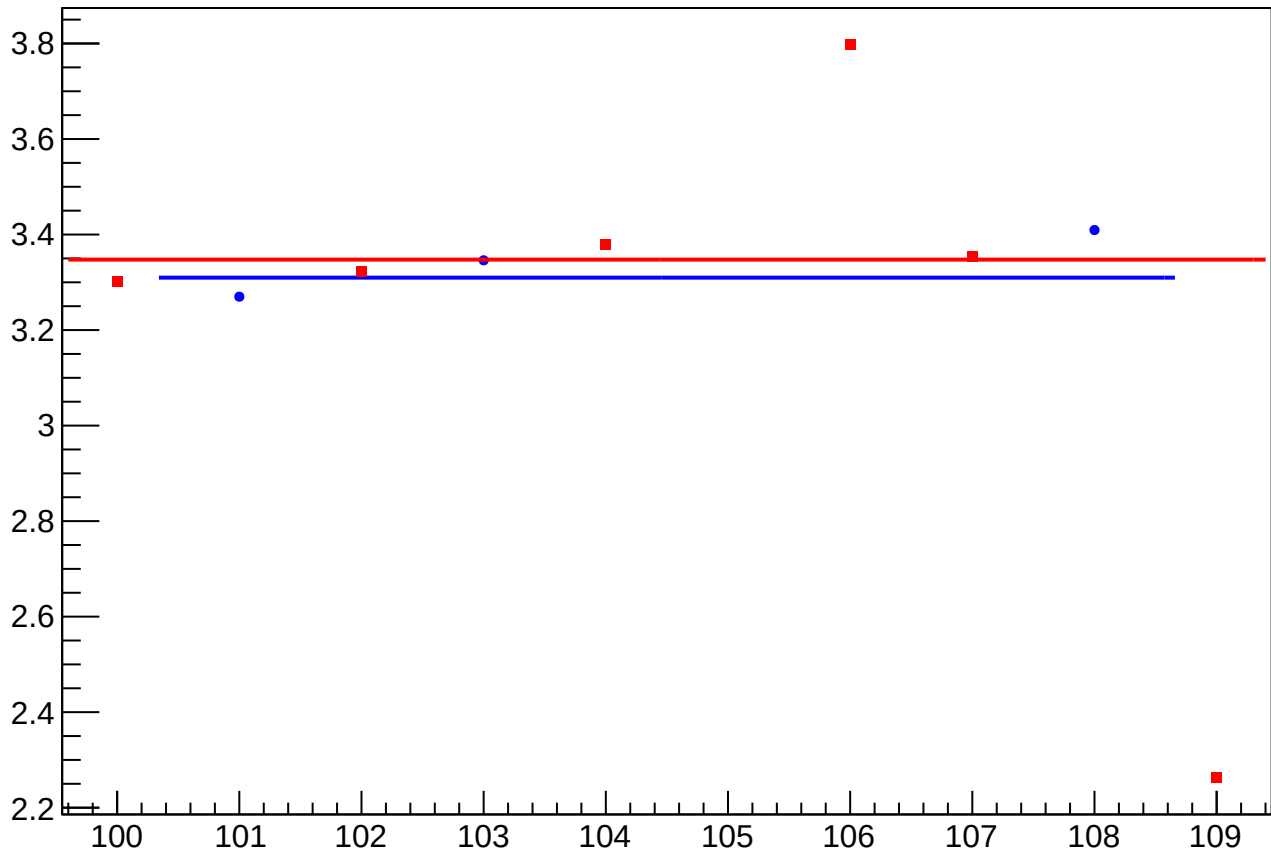
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1949226.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_mean vs Slug



Right In: 3.310+/-0.000 χ^2/NDF : 44993127.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.348+/-0.000 χ^2/NDF : 112973589.0/5

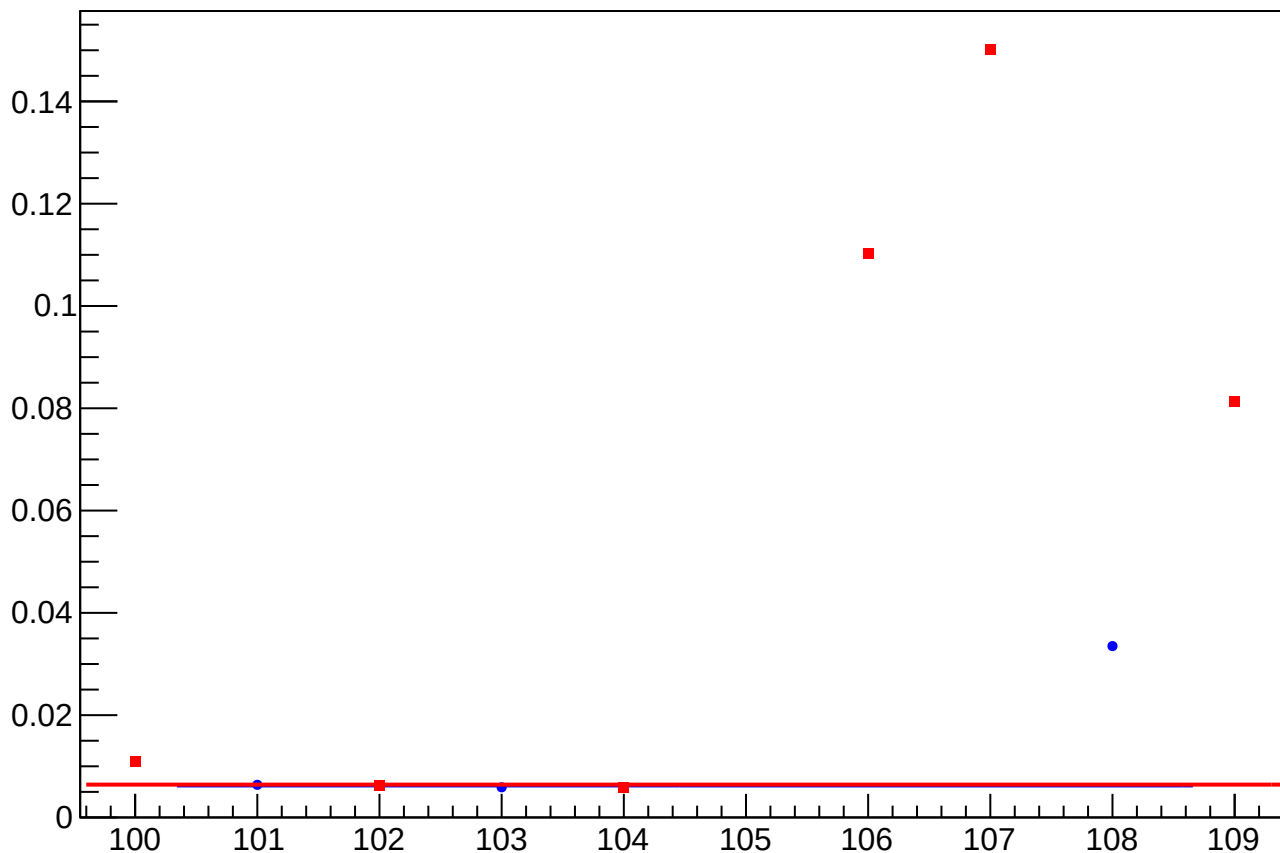
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.328+/-0.000 χ^2/NDF : 178840579.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 220942.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1749747.6/5

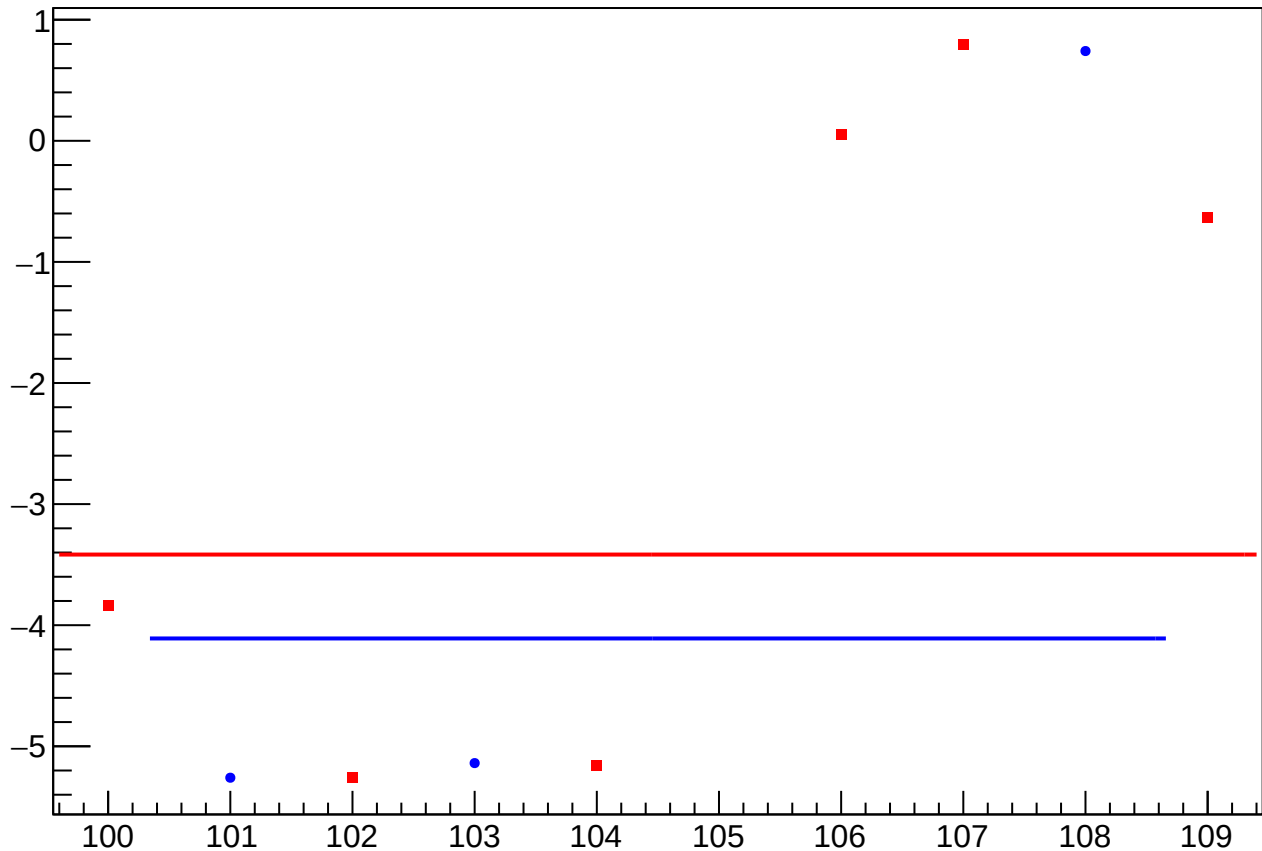
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1971401.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug



Right In: -4.110+/-0.000 χ^2/NDF : 55023523600.1/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

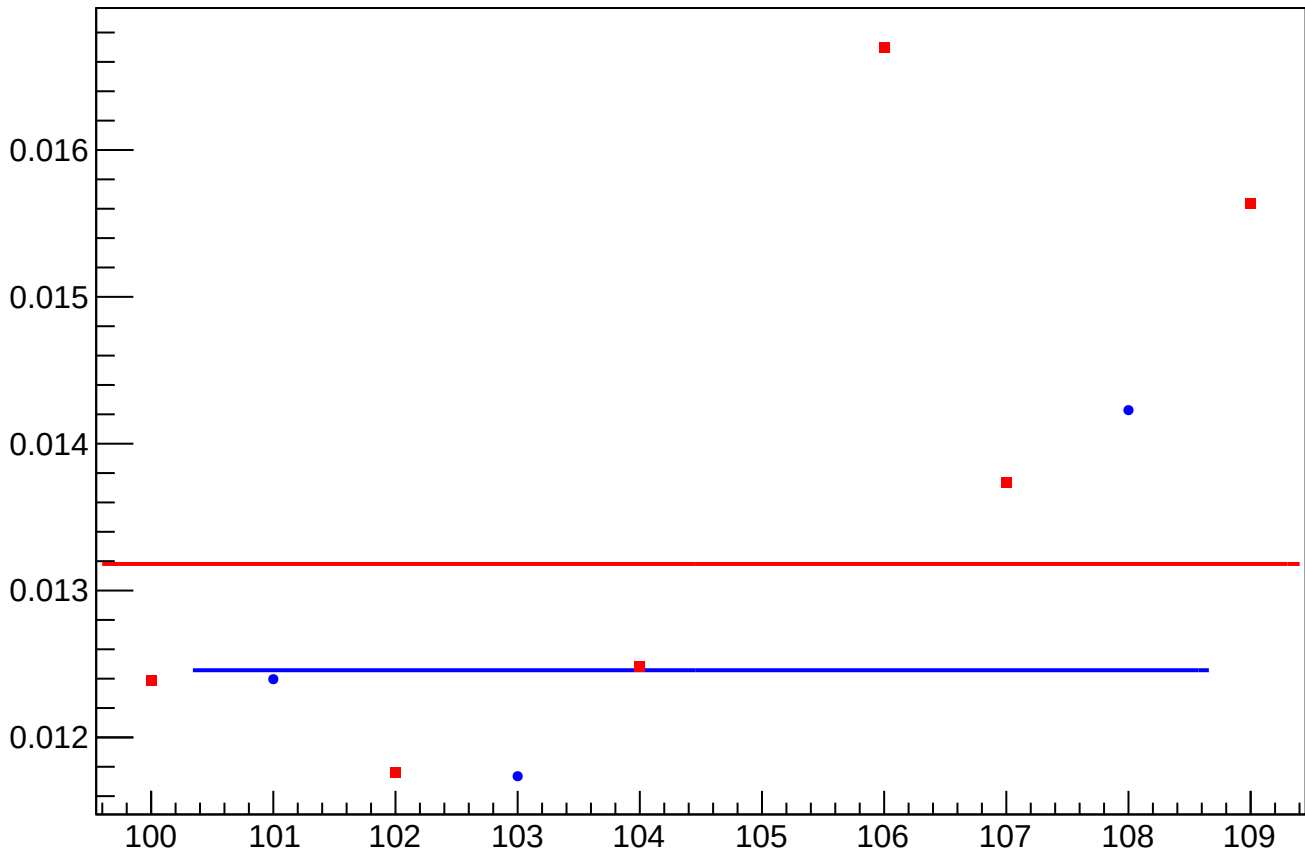
Right Out: -3.417+/-0.000 χ^2/NDF : 76216279047.1/5

All: -3.729+/-0.000 χ^2/NDF : 133983007786.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 16516.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 73424.8/5

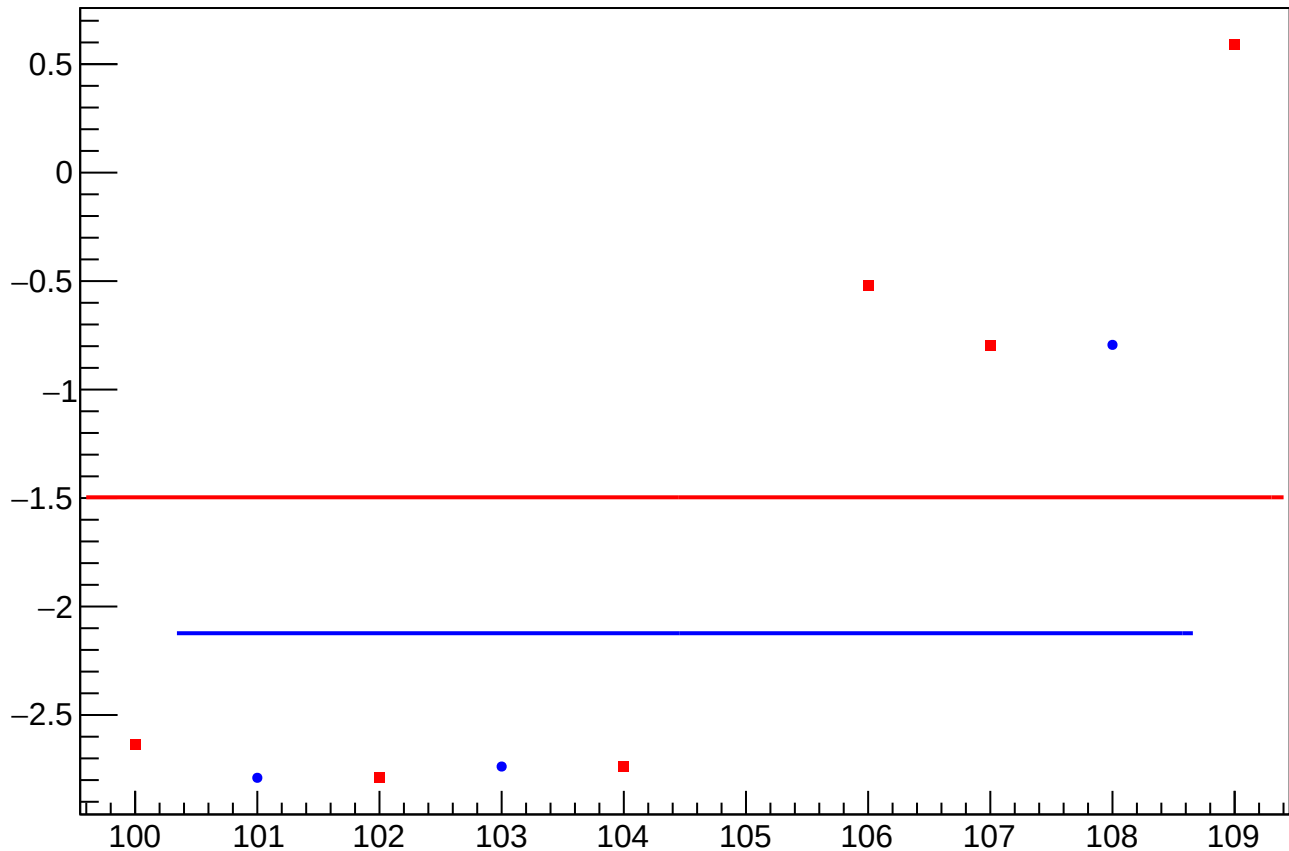
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 95926.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04Y_mean vs Slug



Right In: -2.123+/-0.000 χ^2/NDF : 101959486483.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.497+/-0.000 χ^2/NDF : 346342513169.5/5

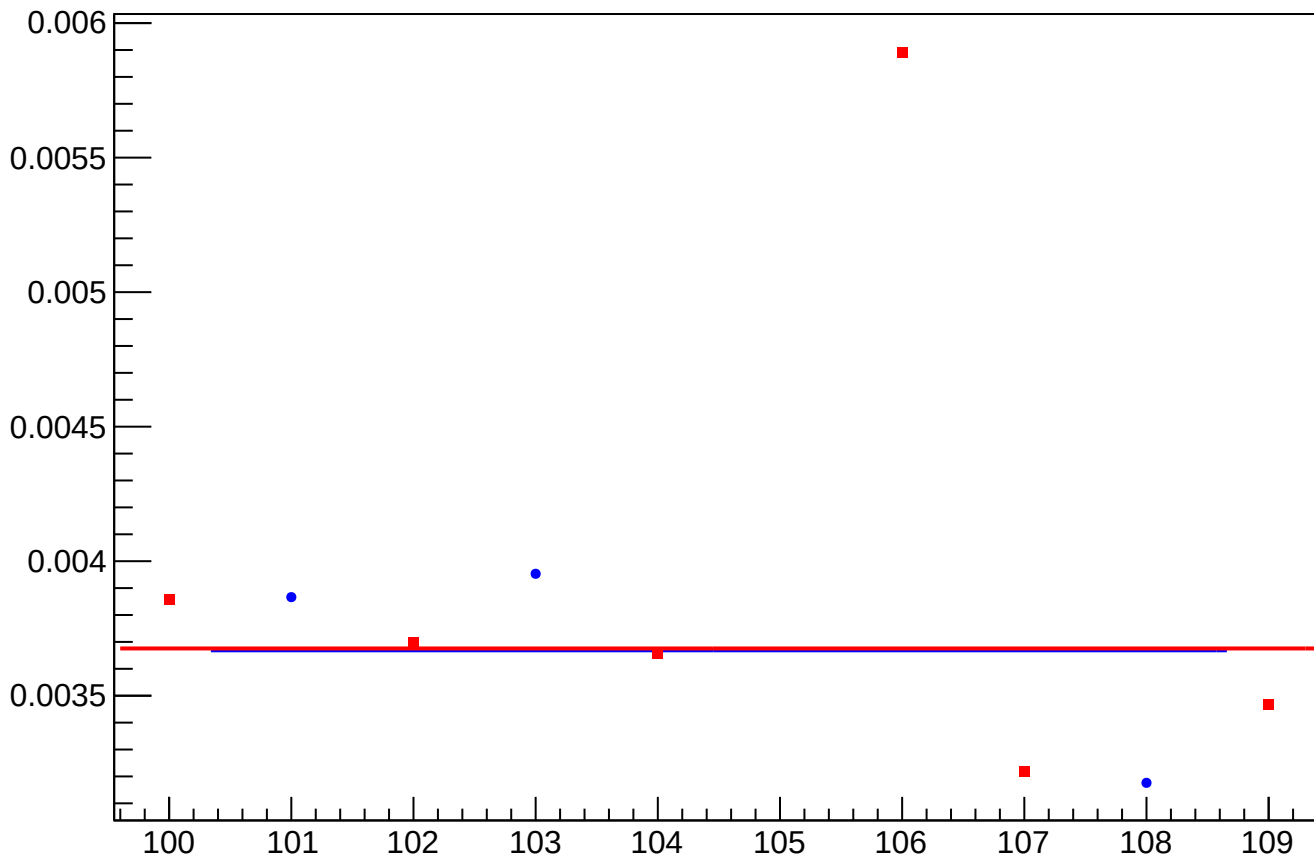
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.761+/-0.000 χ^2/NDF : 475362485485.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 28299.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 93809.3/5

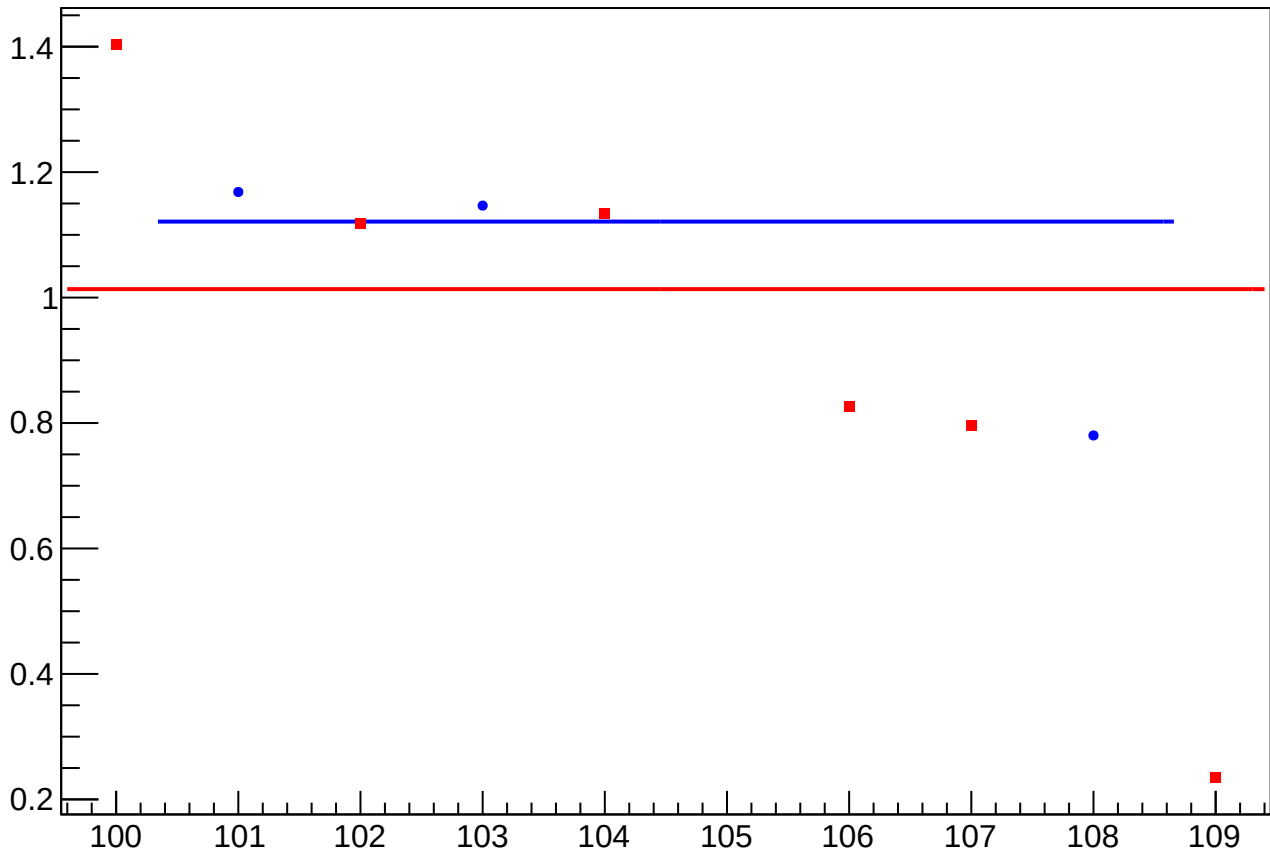
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 122115.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 1.121+/-0.000 χ^2/NDF : 979104114.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.013+/-0.000 χ^2/NDF : 7006816164.2/5

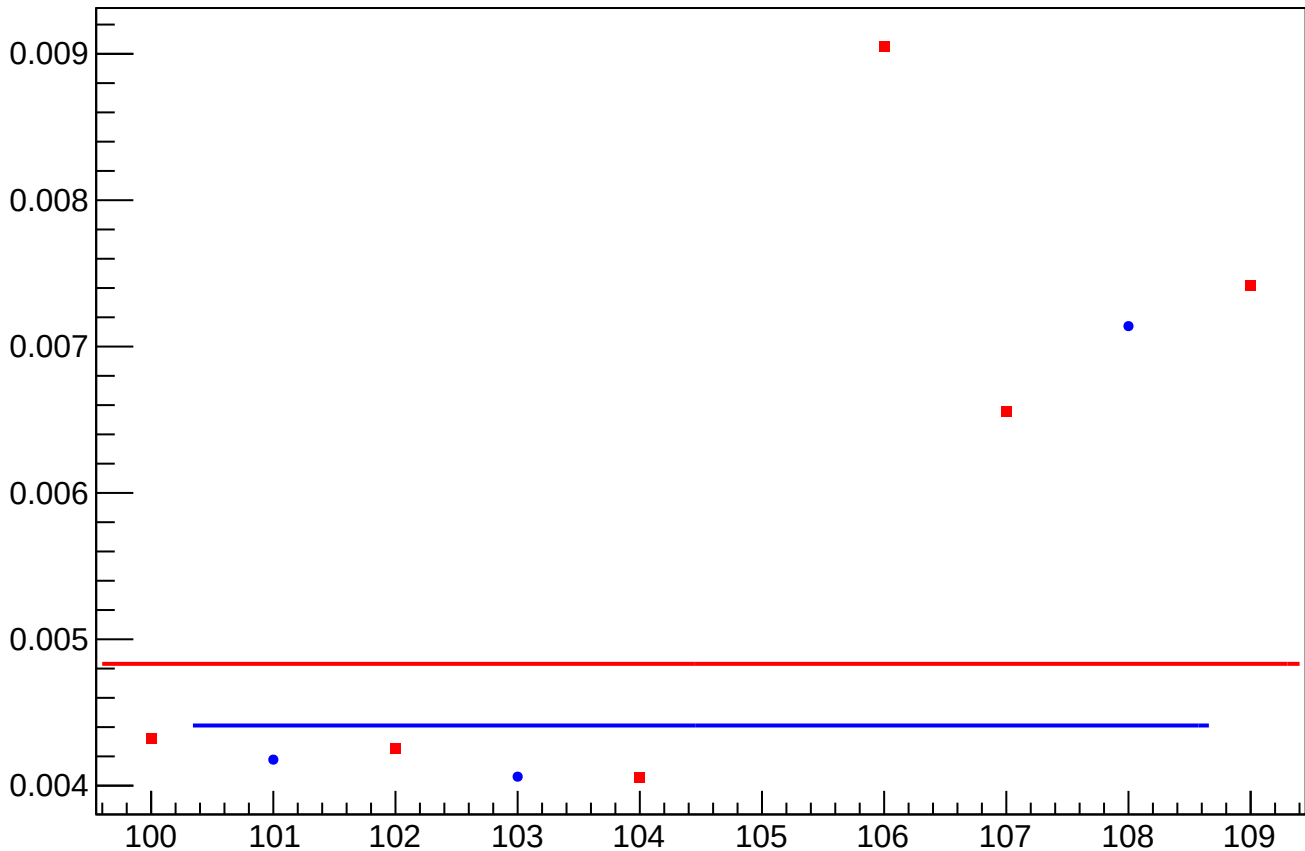
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.065+/-0.000 χ^2/NDF : 8458357933.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 124829.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 316655.2/5

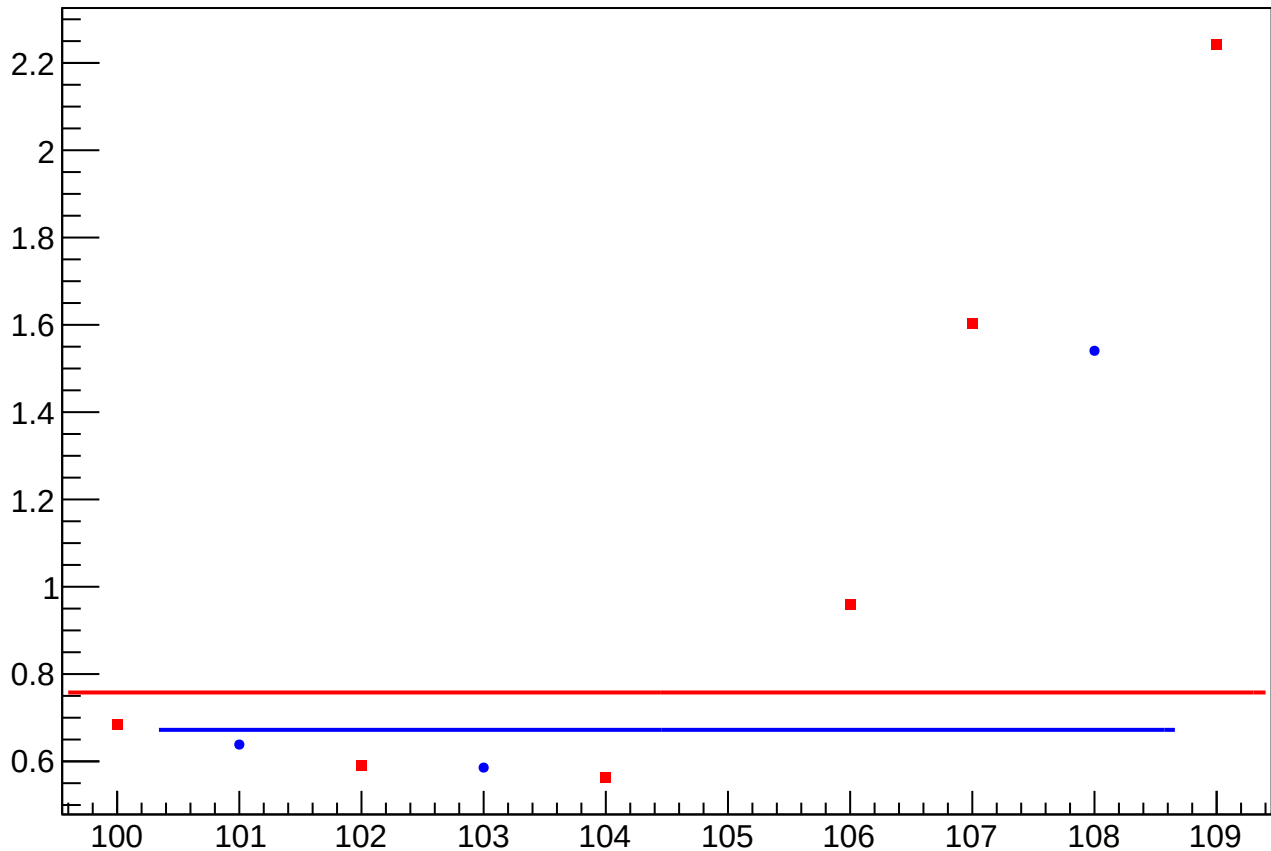
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 455946.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 0.672 $\pm$ 0.000 χ^2 /NDF: 4763974803.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.758 $\pm$ 0.000 χ^2 /NDF: 22334331984.6/5

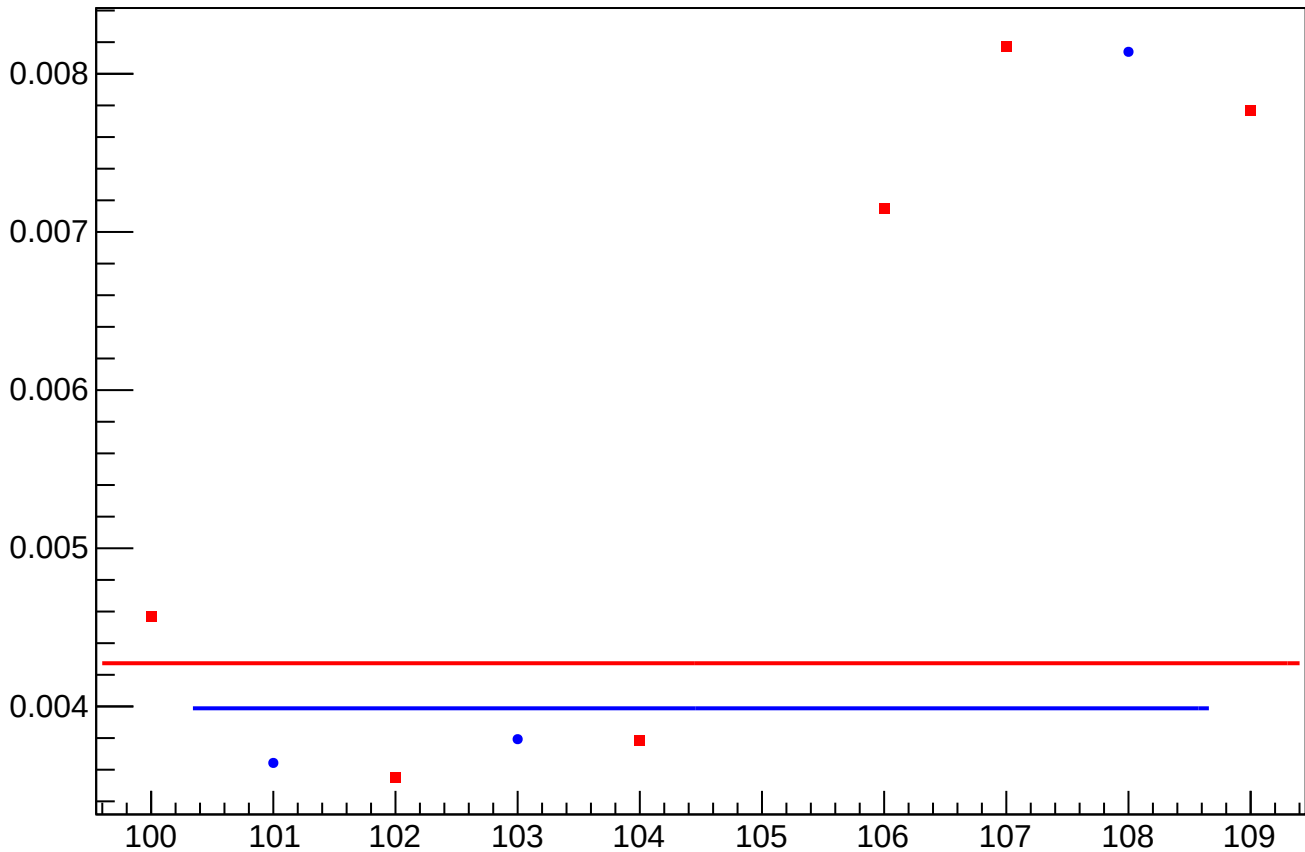
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.717 $\pm$ 0.000 χ^2 /NDF: 27455641739.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 215890.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 425487.3/5

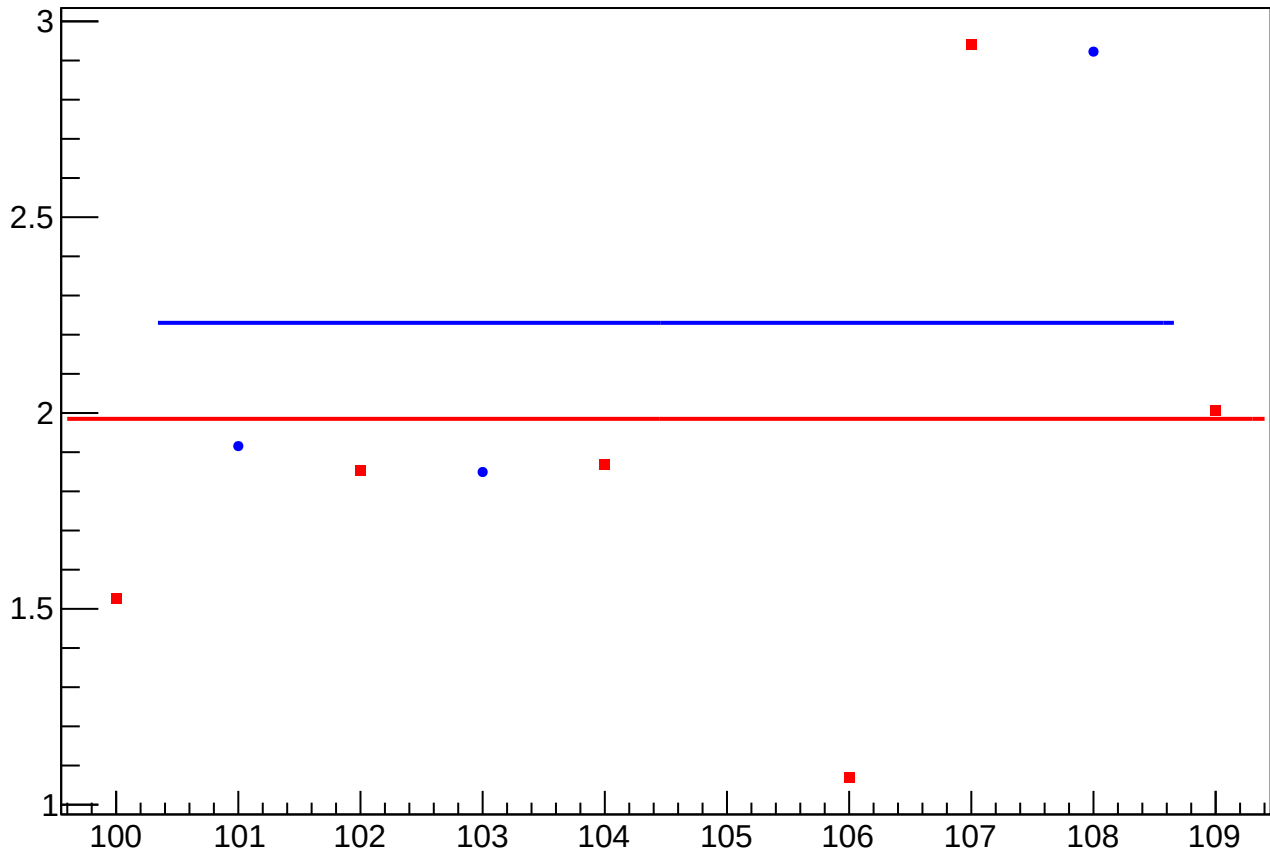
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 649298.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_mean vs Slug



Right In: 2.230+/-0.000 χ^2/NDF : 7463790213.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.985+/-0.000 χ^2/NDF : 10609648087.5/5

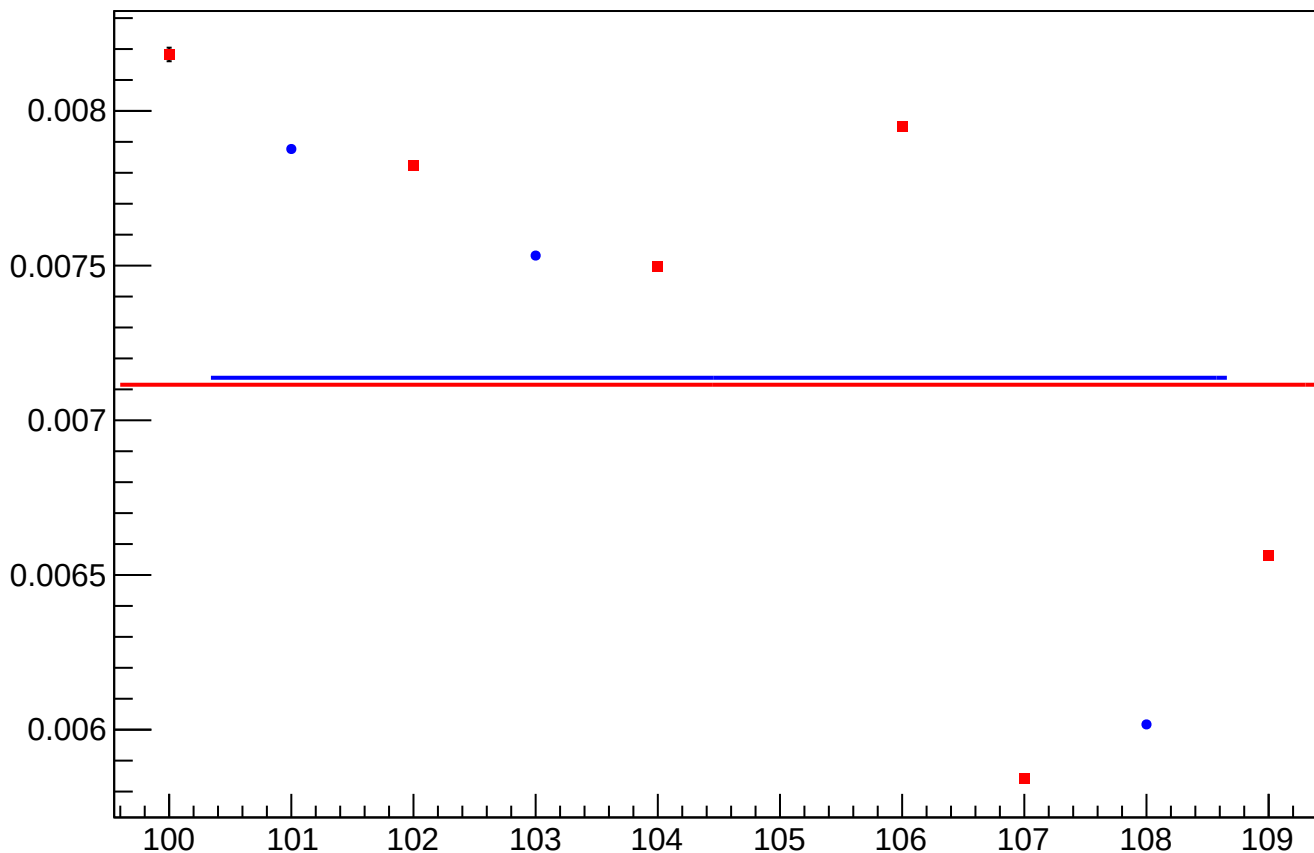
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.087+/-0.000 χ^2/NDF : 19159708085.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 40191.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 51474.5/5

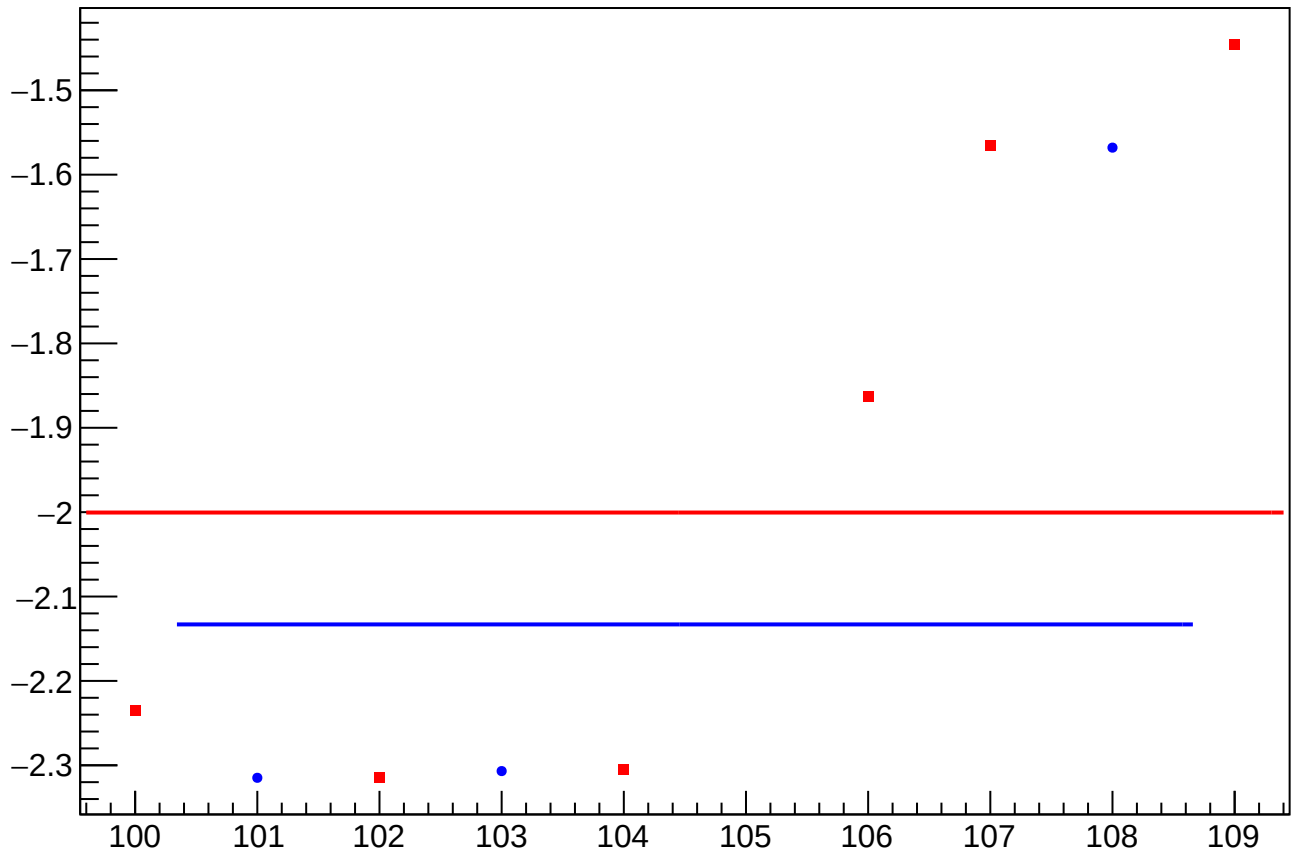
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 91684.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_mean vs Slug



Right In: -2.133+/-0.000 χ^2/NDF : 27712062933.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.000+/-0.000 χ^2/NDF : 50094746292.0/5

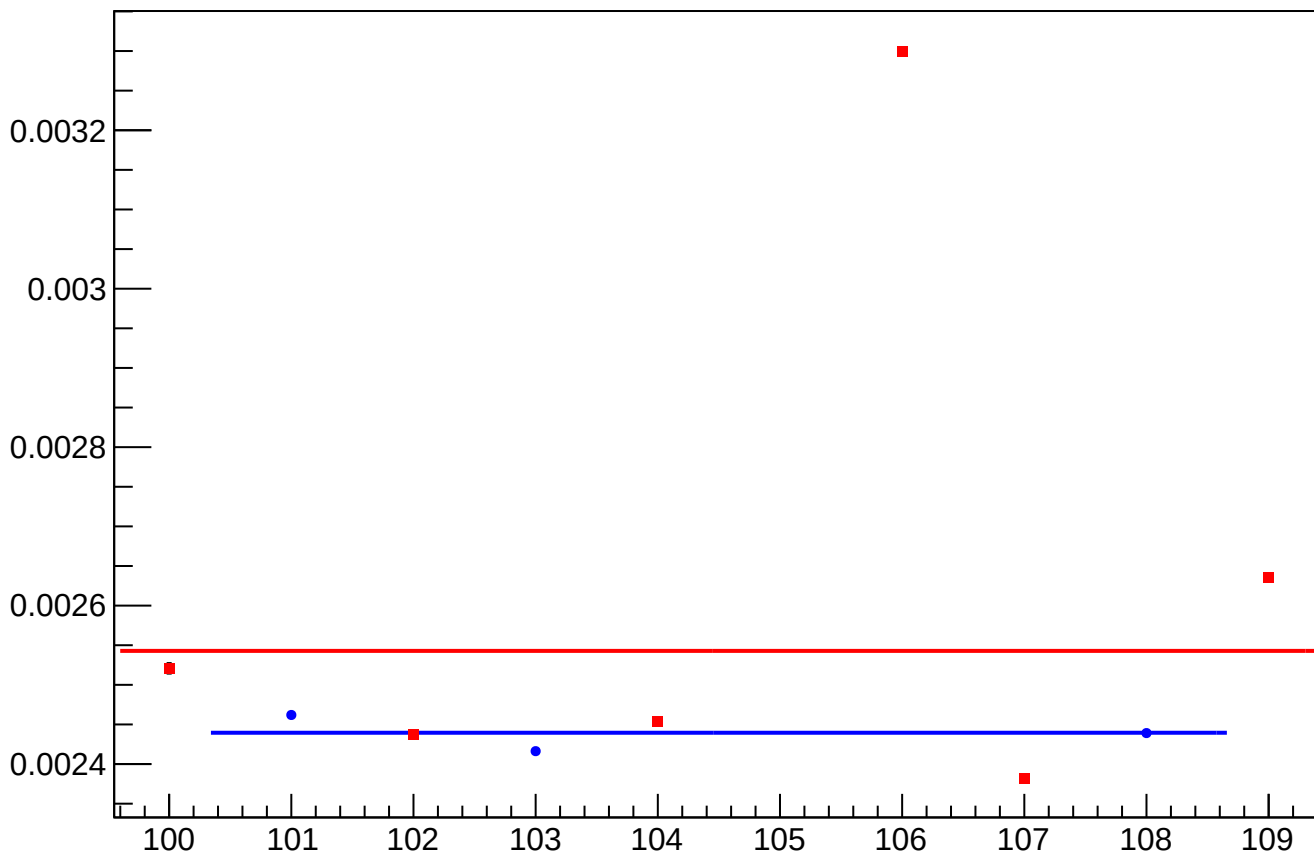
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.059+/-0.000 χ^2/NDF : 80502427999.2/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 218.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 36314.2/5

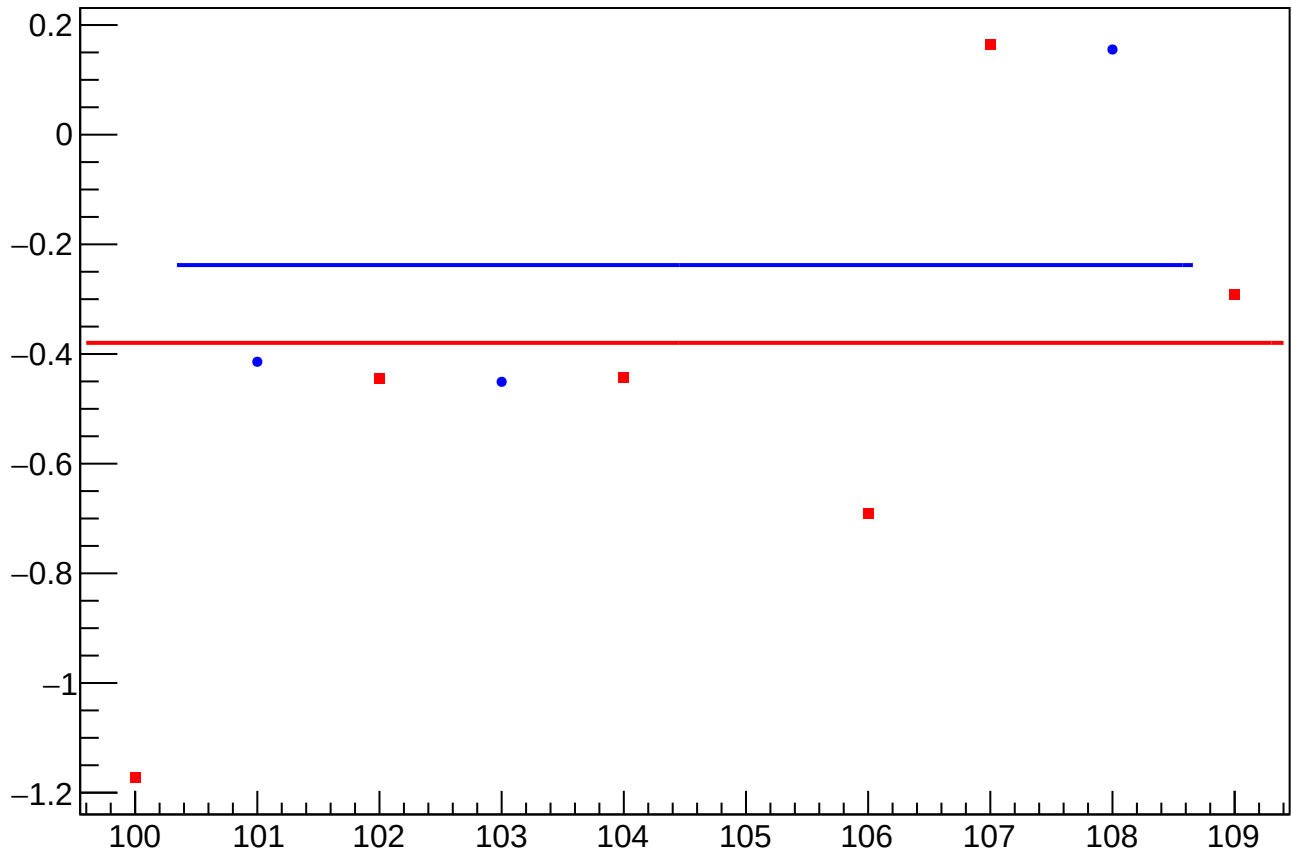
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 39806.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07X_mean vs Slug



Right In: -0.238+/-0.000 χ^2/NDF : 848891686.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

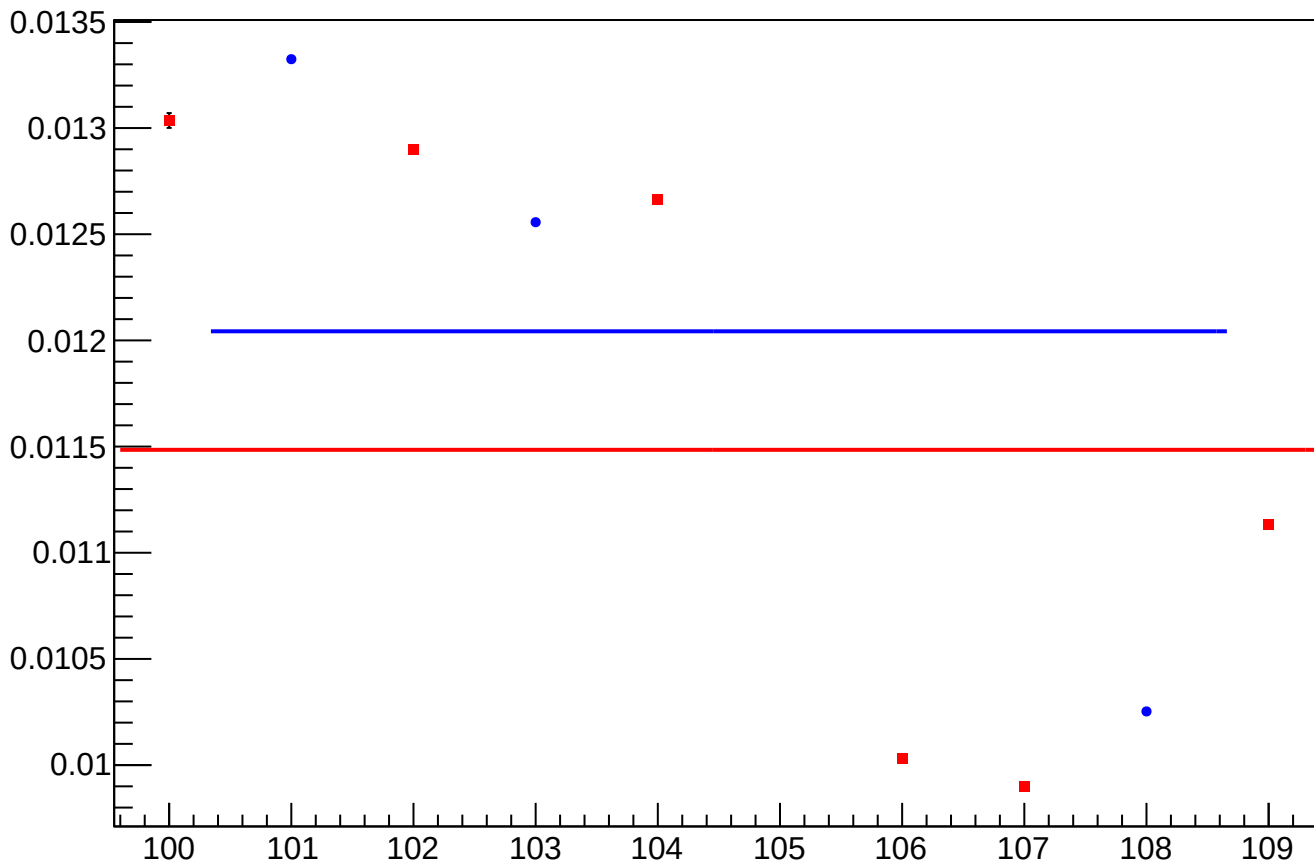
Right Out: -0.380+/-0.000 χ^2/NDF : 1330163967.8/5

All: -0.324+/-0.000 χ^2/NDF : 2313734675.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 37265.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 51941.9/5

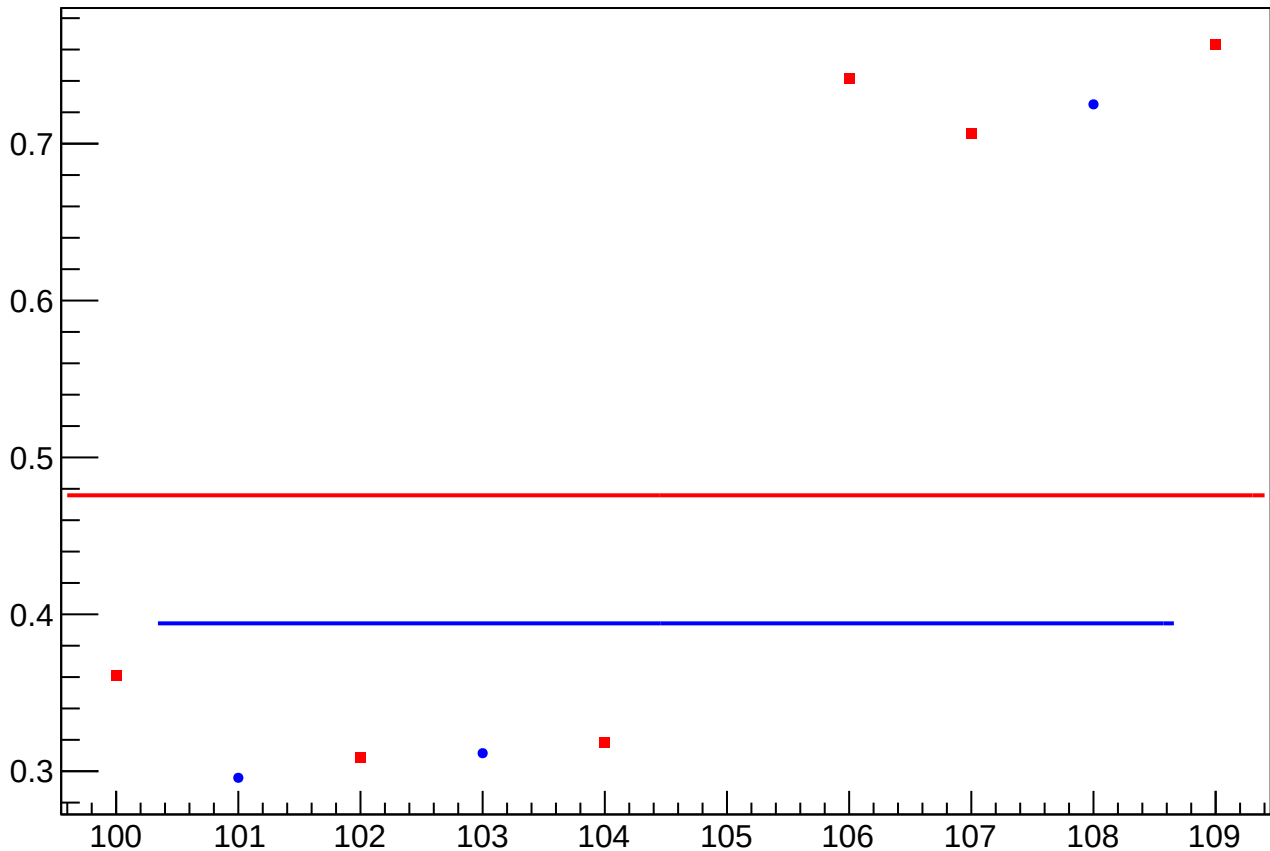
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 93378.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_mean vs Slug



Right In: 0.394+/-0.000 χ^2/NDF : 8168635993.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

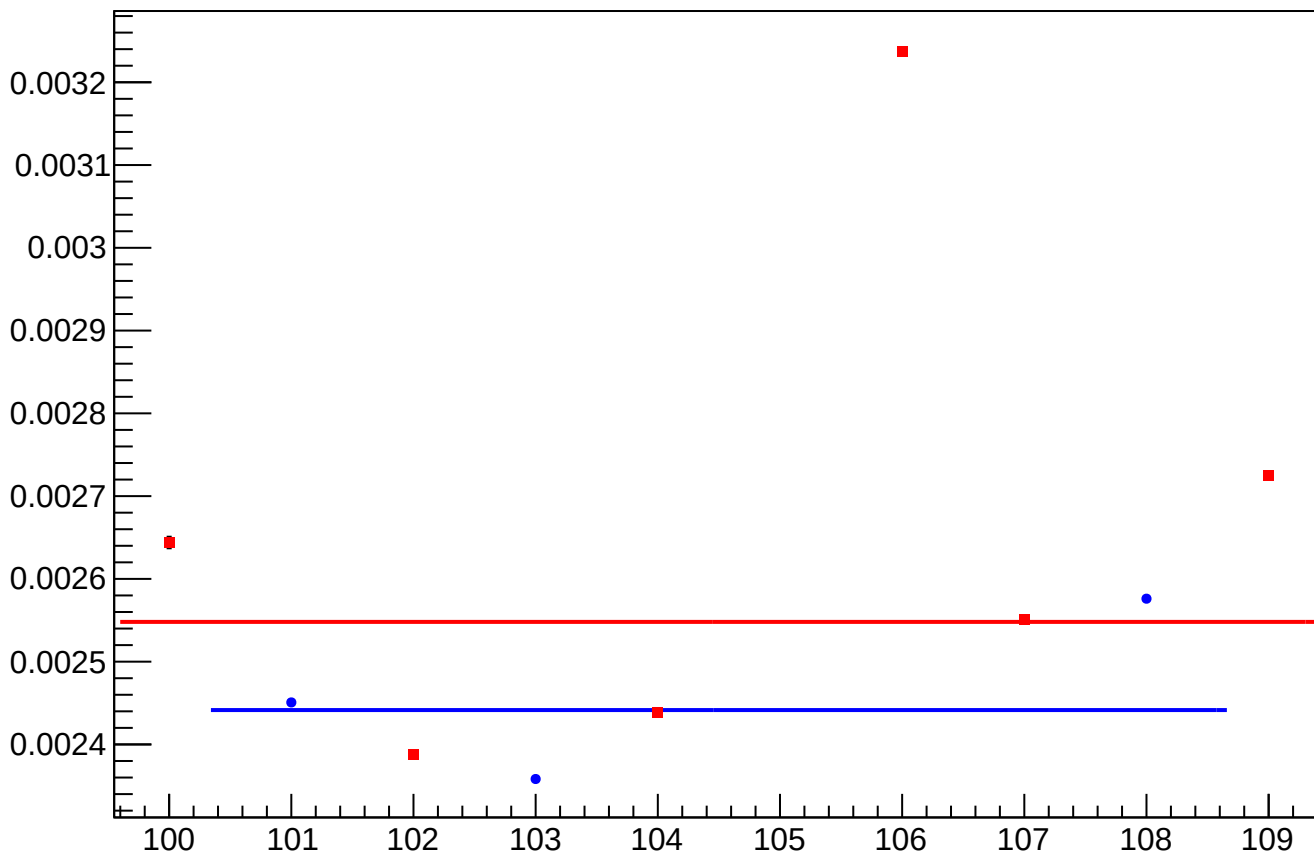
Right Out: 0.476+/-0.000 χ^2/NDF : 14361610896.2/5

All: 0.439+/-0.000 χ^2/NDF : 23526936202.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 3612.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 31738.5/5

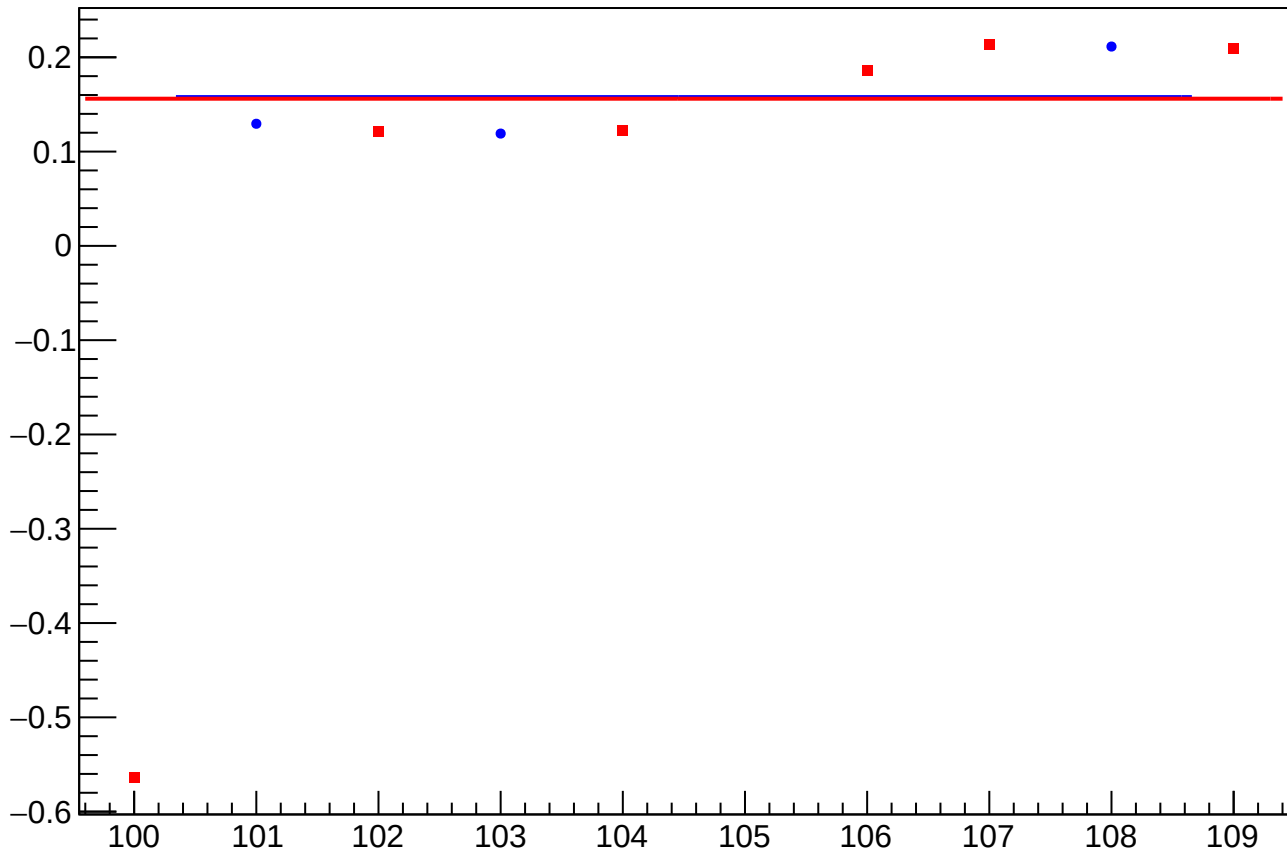
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 38746.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_mean vs Slug



Right In: 0.158+/-0.000 χ^2/NDF : 24634966.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.156+/-0.000 χ^2/NDF : 302605850.5/5

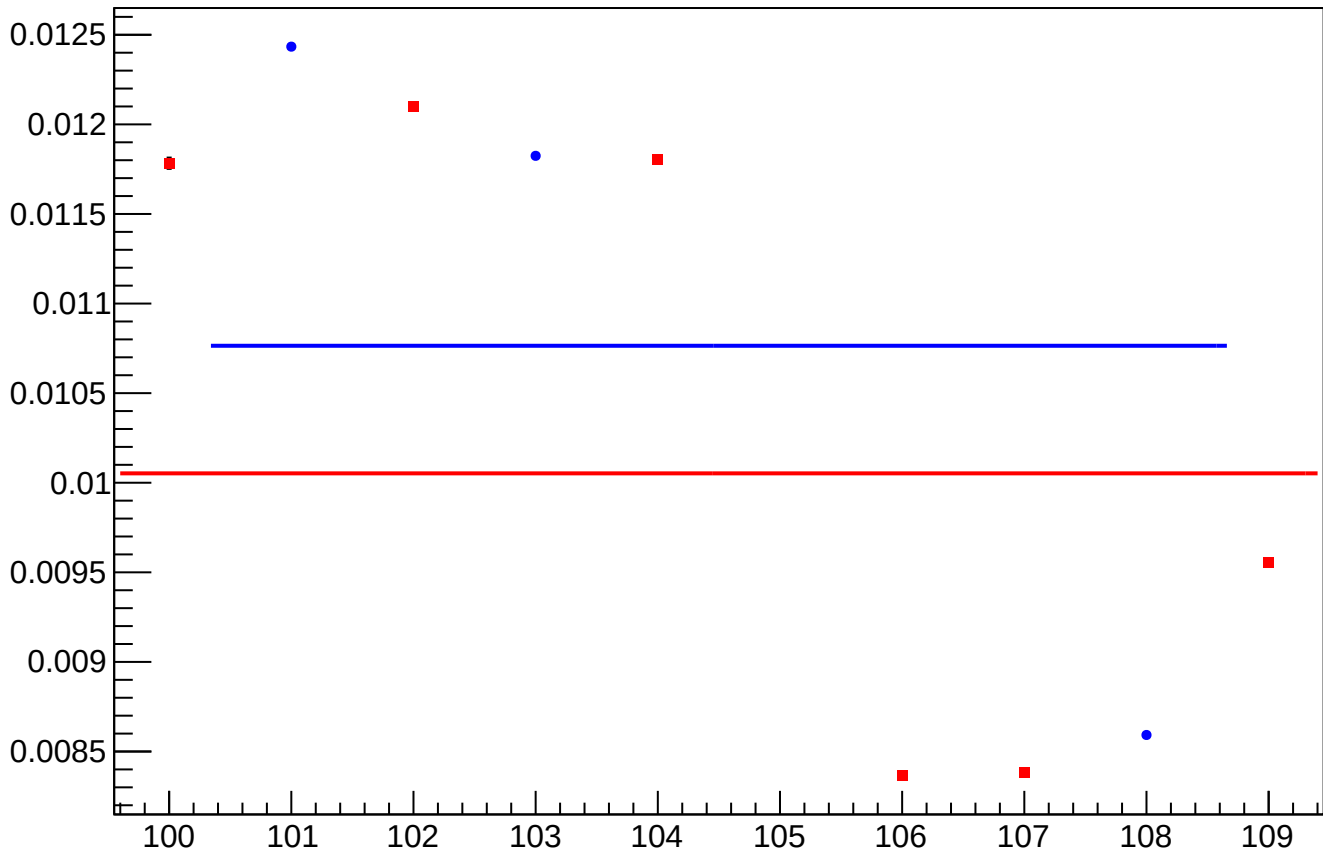
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.157+/-0.000 χ^2/NDF : 327265189.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 81695.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 107998.0/5

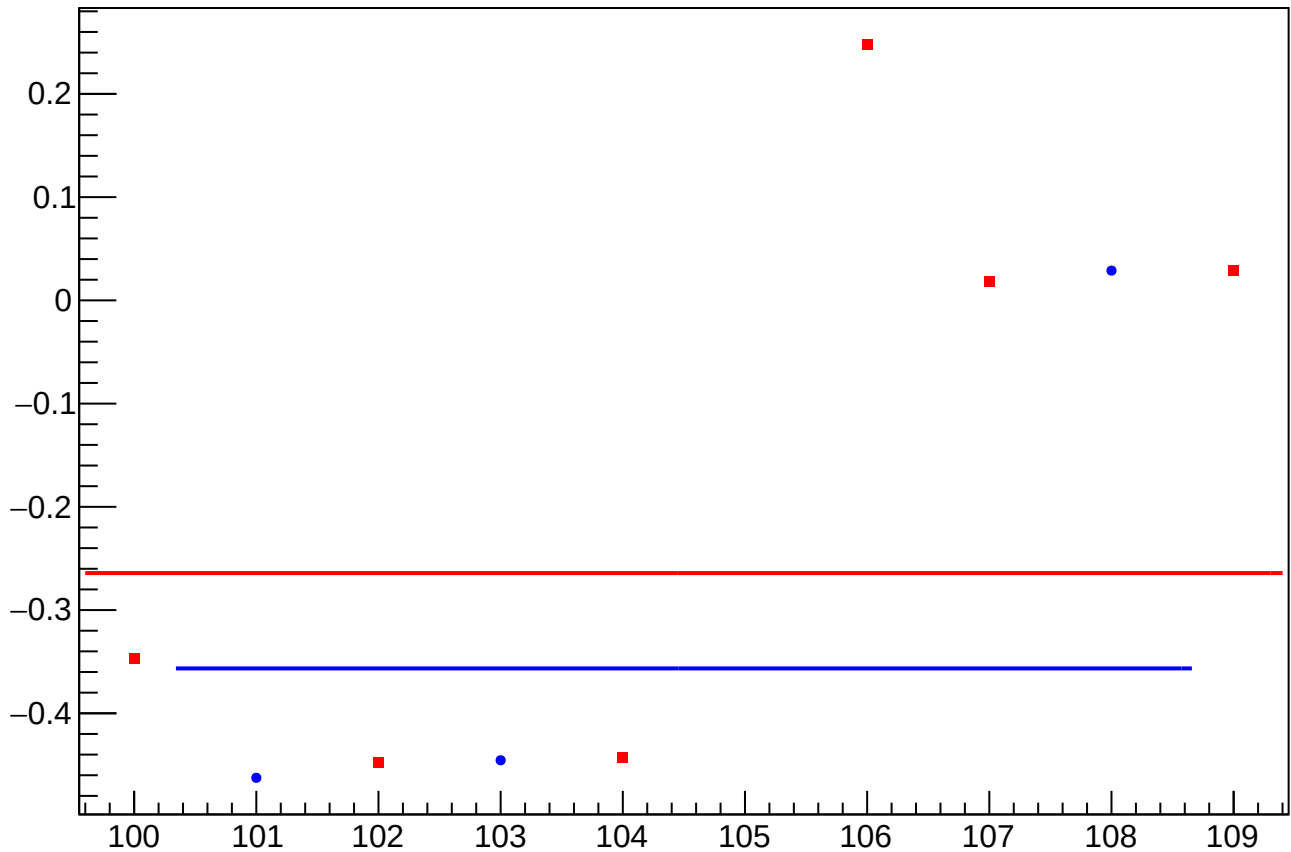
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 198185.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_mean vs Slug



Right In: -0.357+/-0.000 χ^2/NDF : 4520957479.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

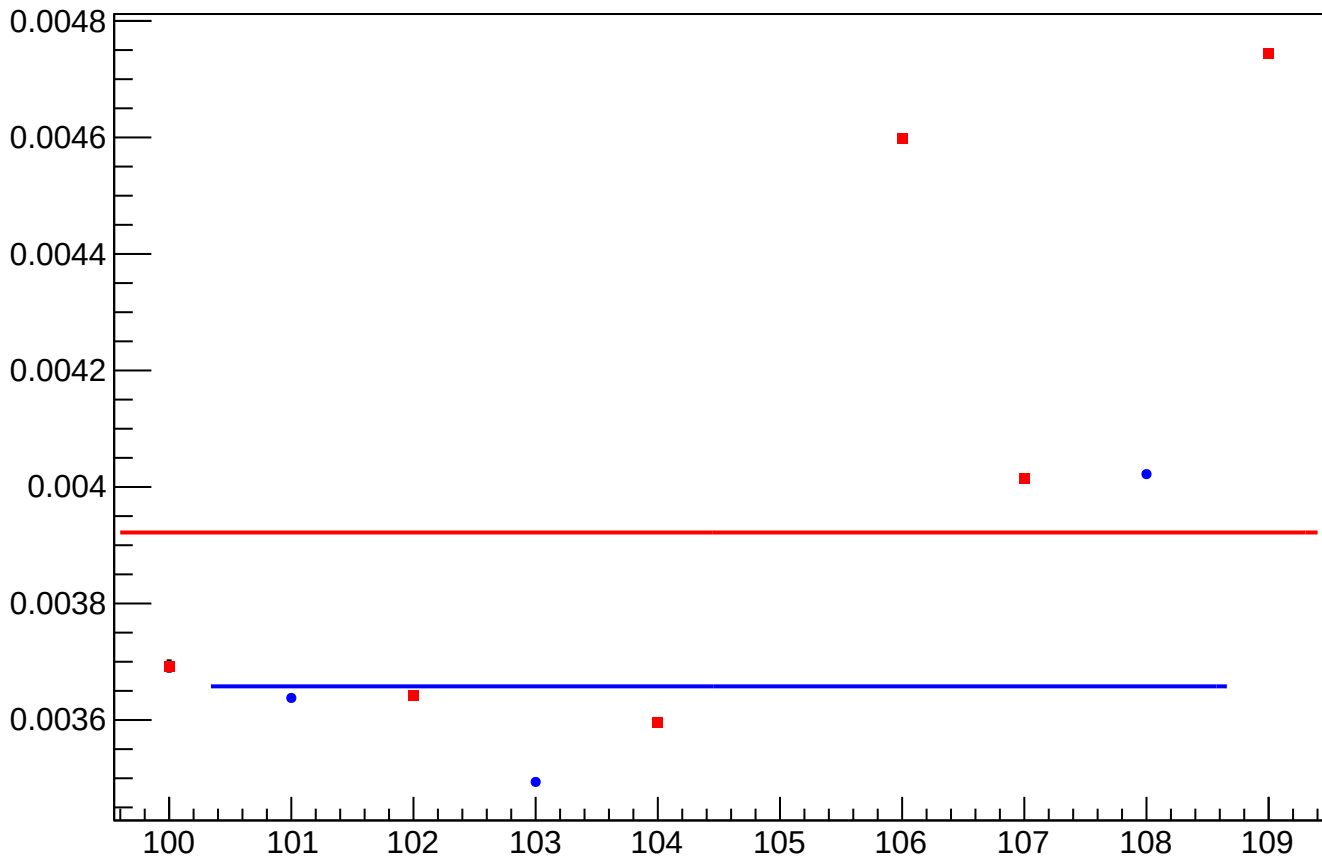
Right Out: -0.264+/-0.000 χ^2/NDF : 8591673980.0/5

All: -0.307+/-0.000 χ^2/NDF : 13661535964.4/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 9067.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 56378.5/5

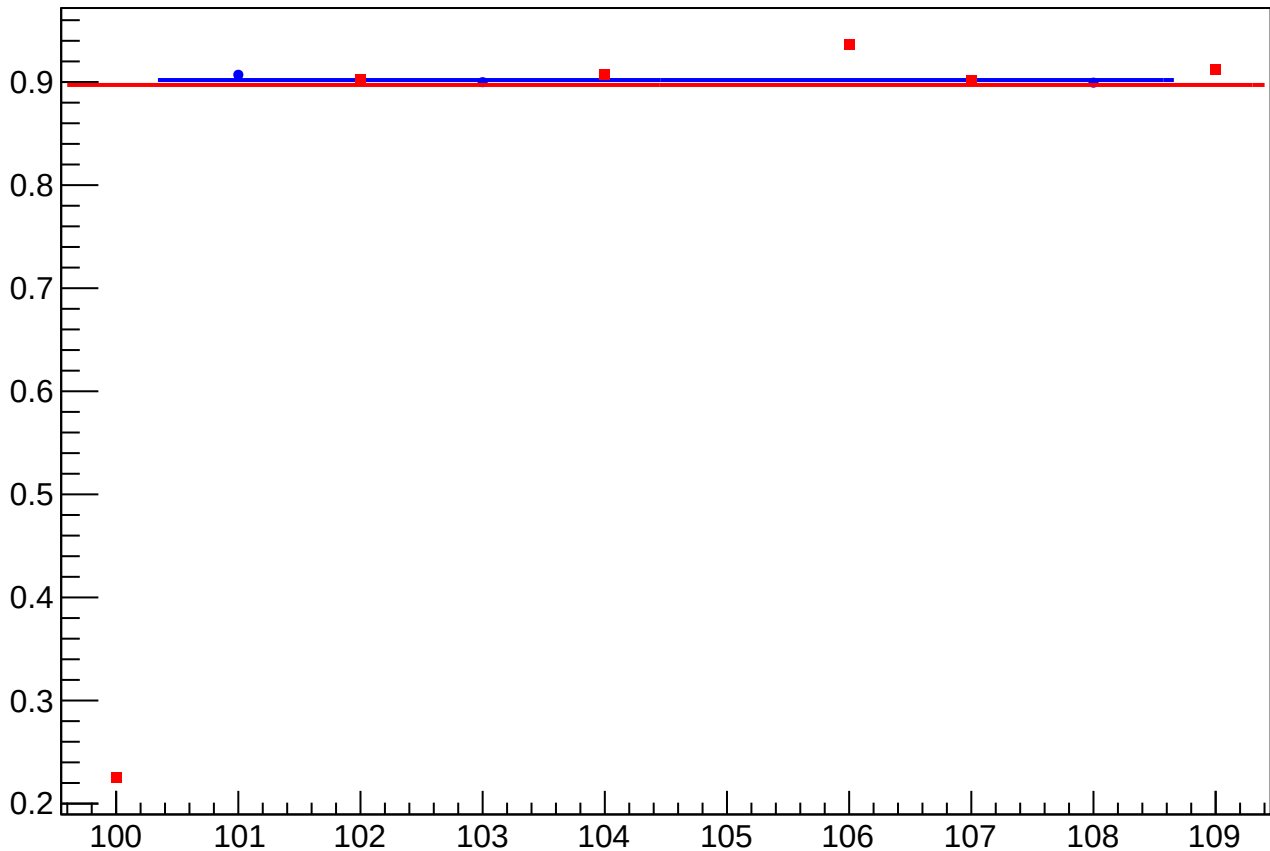
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 74422.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.902 $\pm$ 0.000 χ^2 /NDF: 134930.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.897 $\pm$ 0.000 χ^2 /NDF: 215479586.8/5

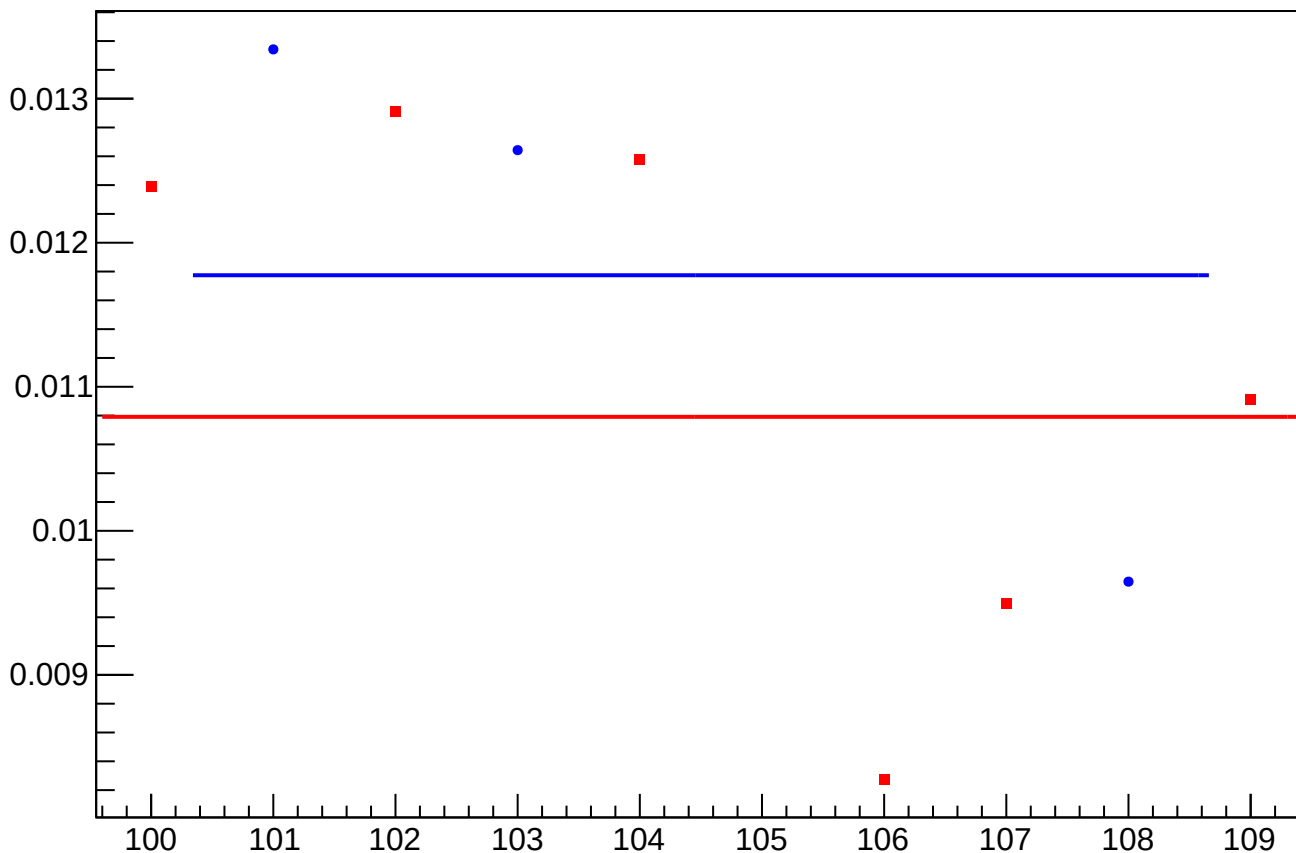
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.899 $\pm$ 0.000 χ^2 /NDF: 215776087.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 60385.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 122979.5/5

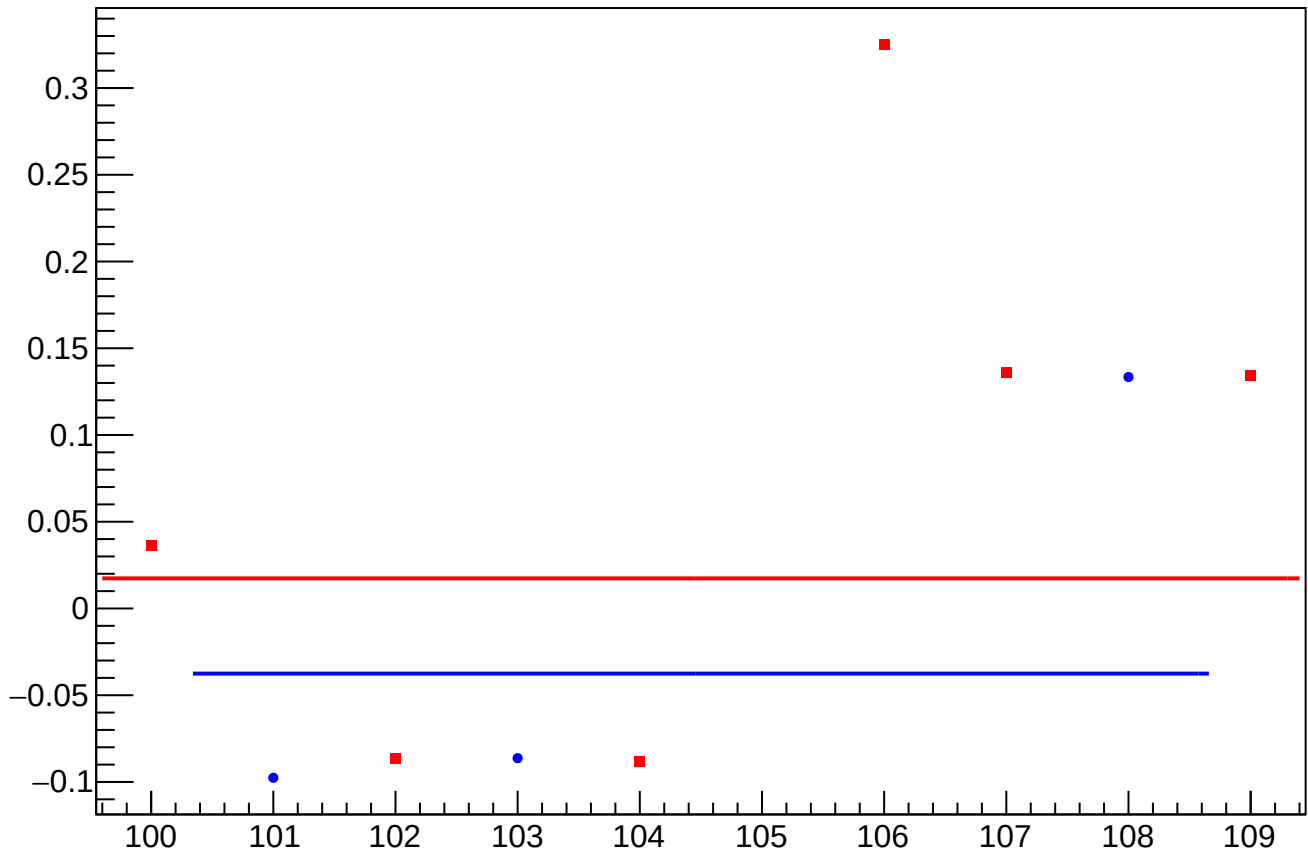
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 197074.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09Y_mean vs Slug



Right In: -0.038+/-0.000 χ^2/NDF : 970470484.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.017+/-0.000 χ^2/NDF : 2174717620.9/5

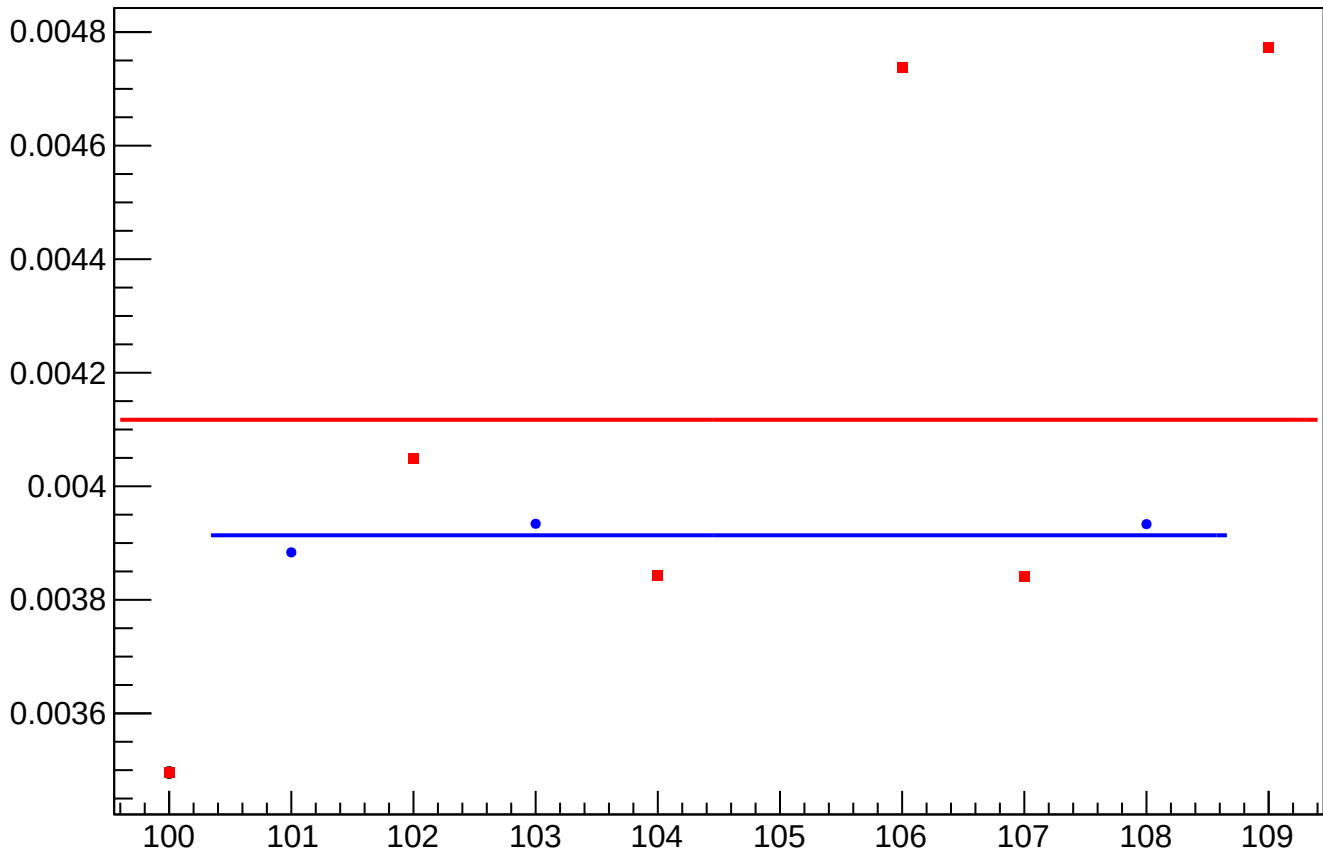
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.000 χ^2/NDF : 3314475932.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 124.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 37740.6/5

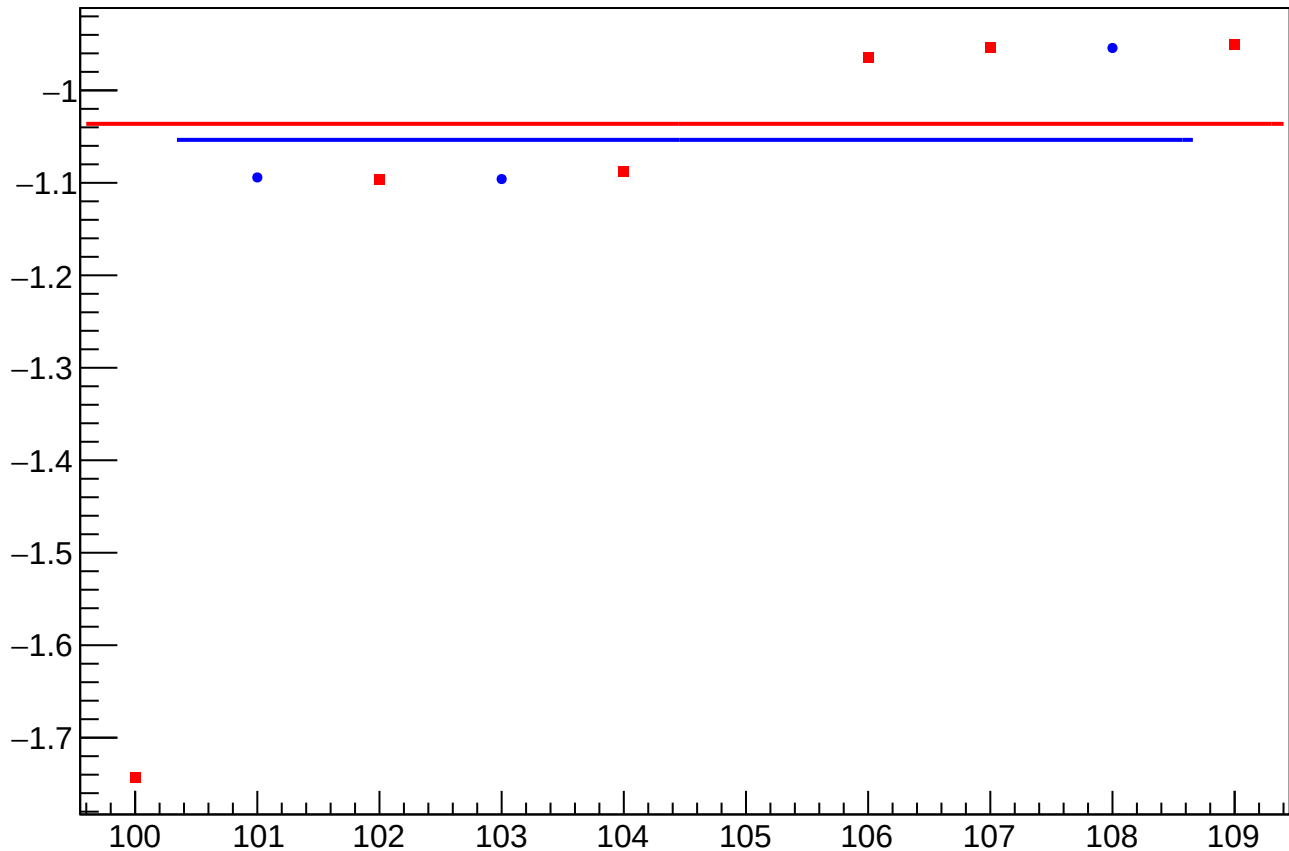
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 42515.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10X_mean vs Slug



Right In: -1.054+/-0.000 χ^2/NDF : 47155517.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.036+/-0.000 χ^2/NDF : 351780110.6/5

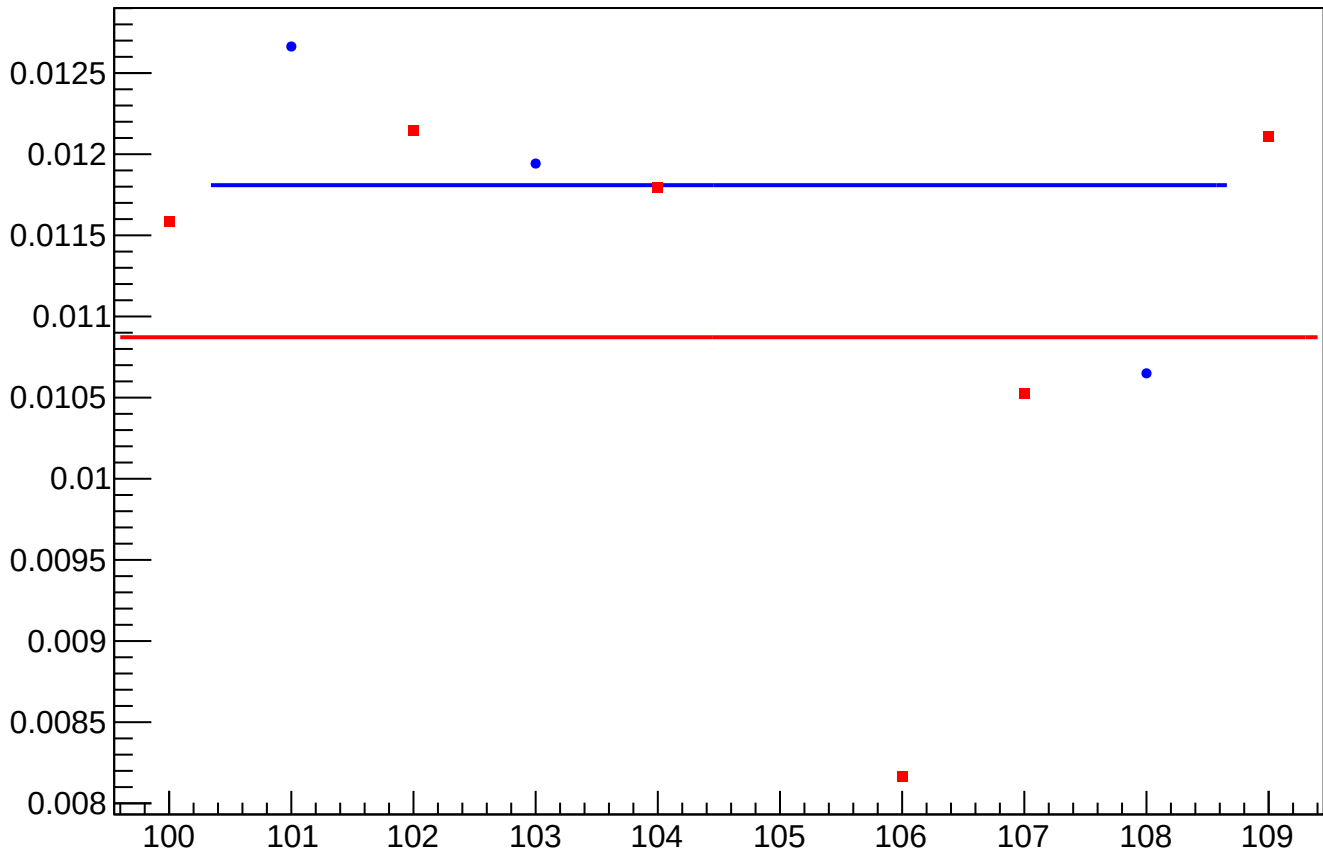
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.043+/-0.000 χ^2/NDF : 401063227.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 14941.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 100307.4/5

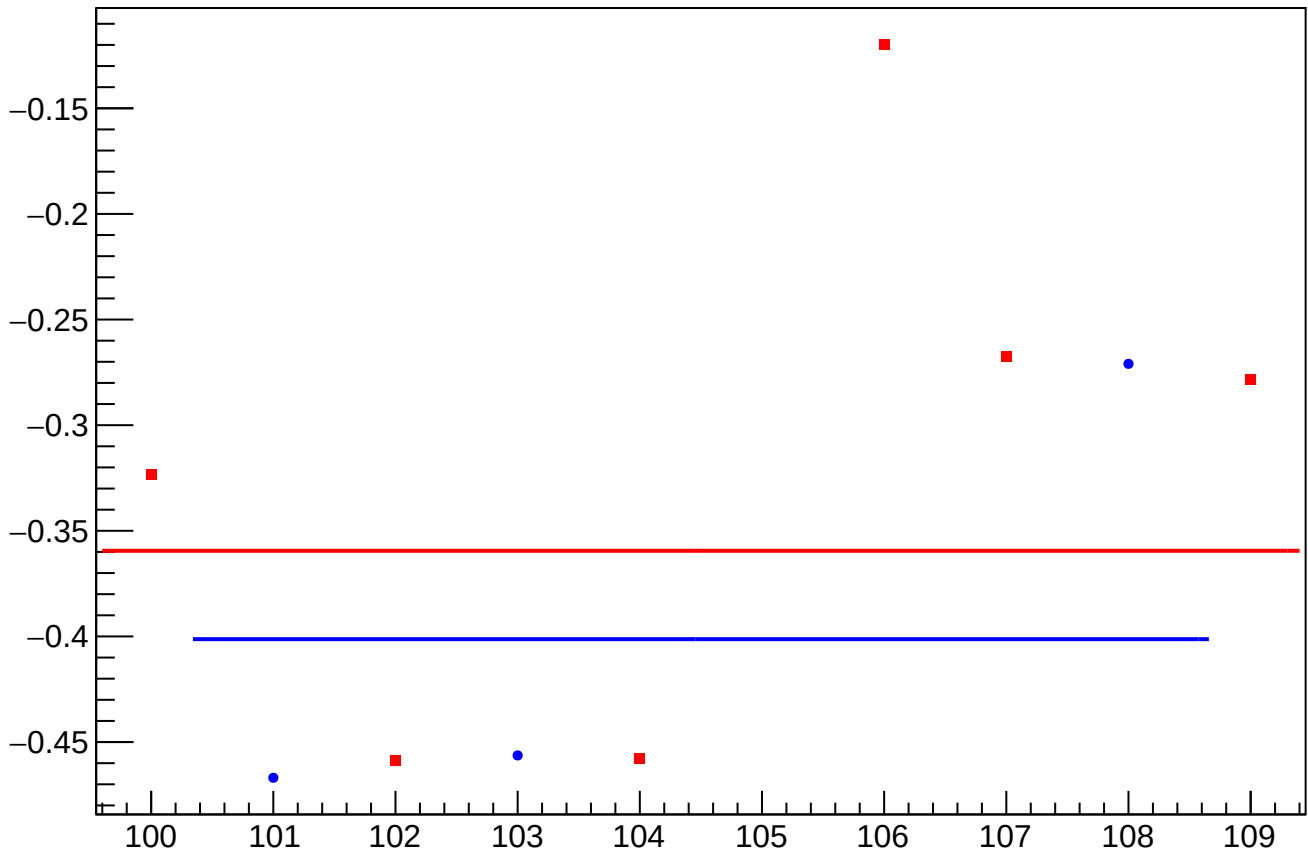
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 127689.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10Y_mean vs Slug



Right In: -0.401+/-0.000 χ^2/NDF : 1048735157.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.359+/-0.000 χ^2/NDF : 1792141664.8/5

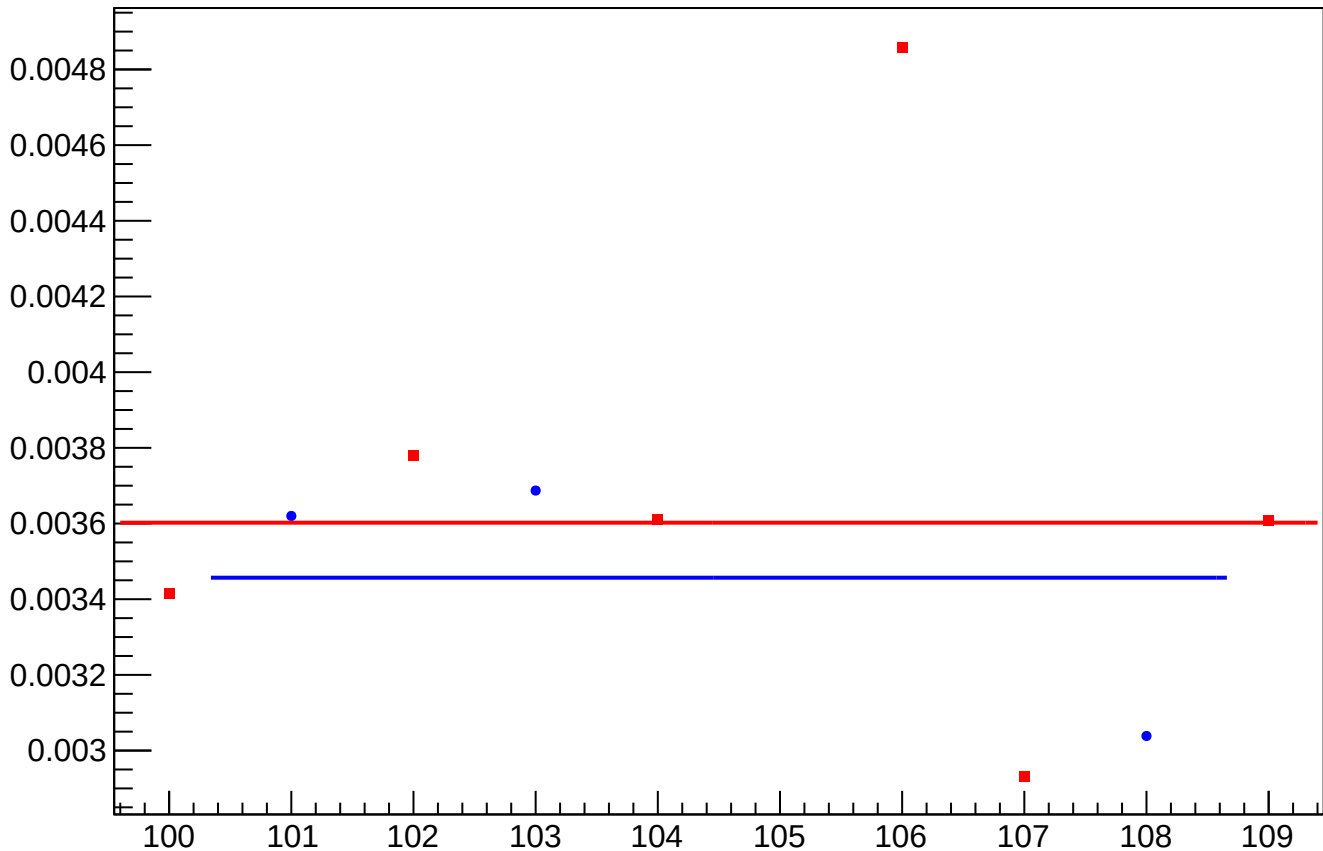
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.378+/-0.000 χ^2/NDF : 2967561096.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 21753.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 57077.9/5

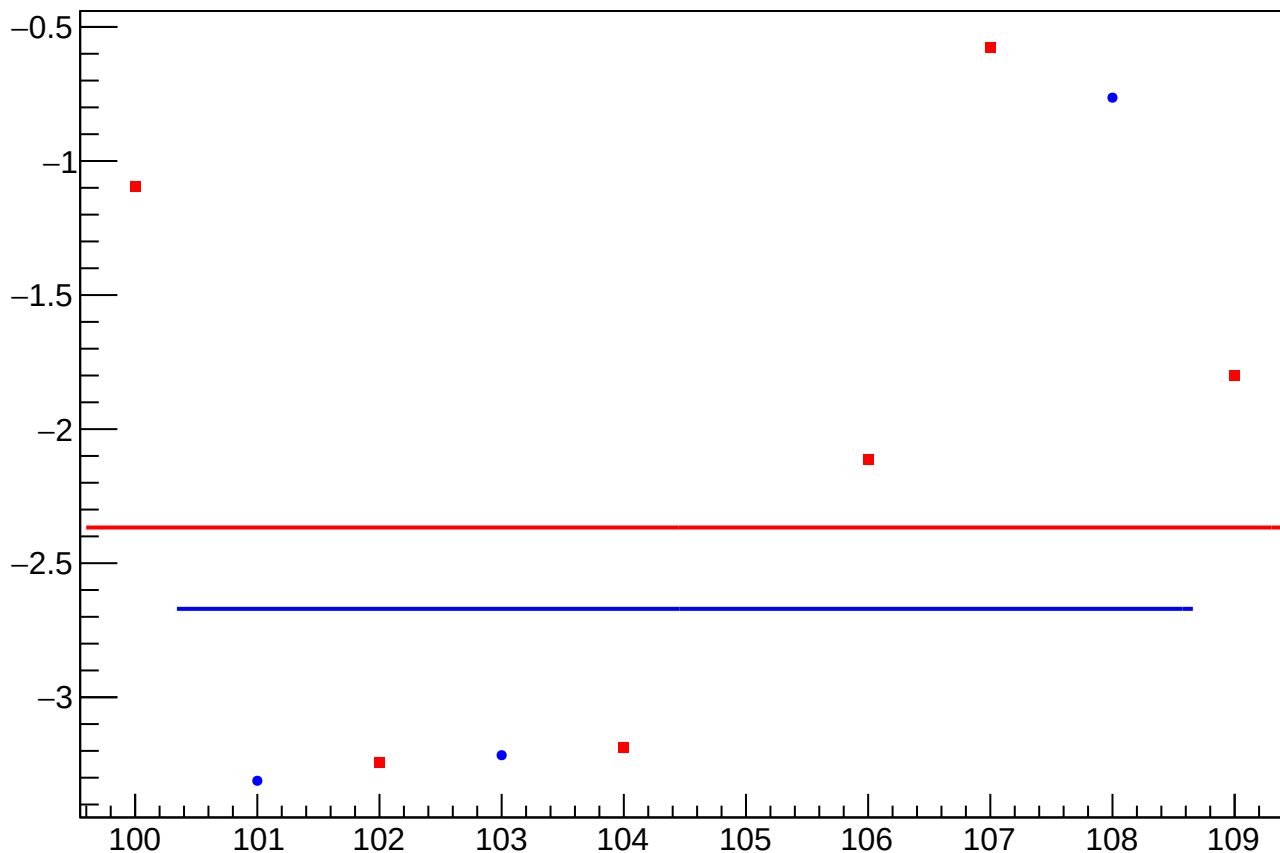
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 81891.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -2.670+/-0.000 χ^2/NDF : 350569730.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.367+/-0.000 χ^2/NDF : 374325145.3/5

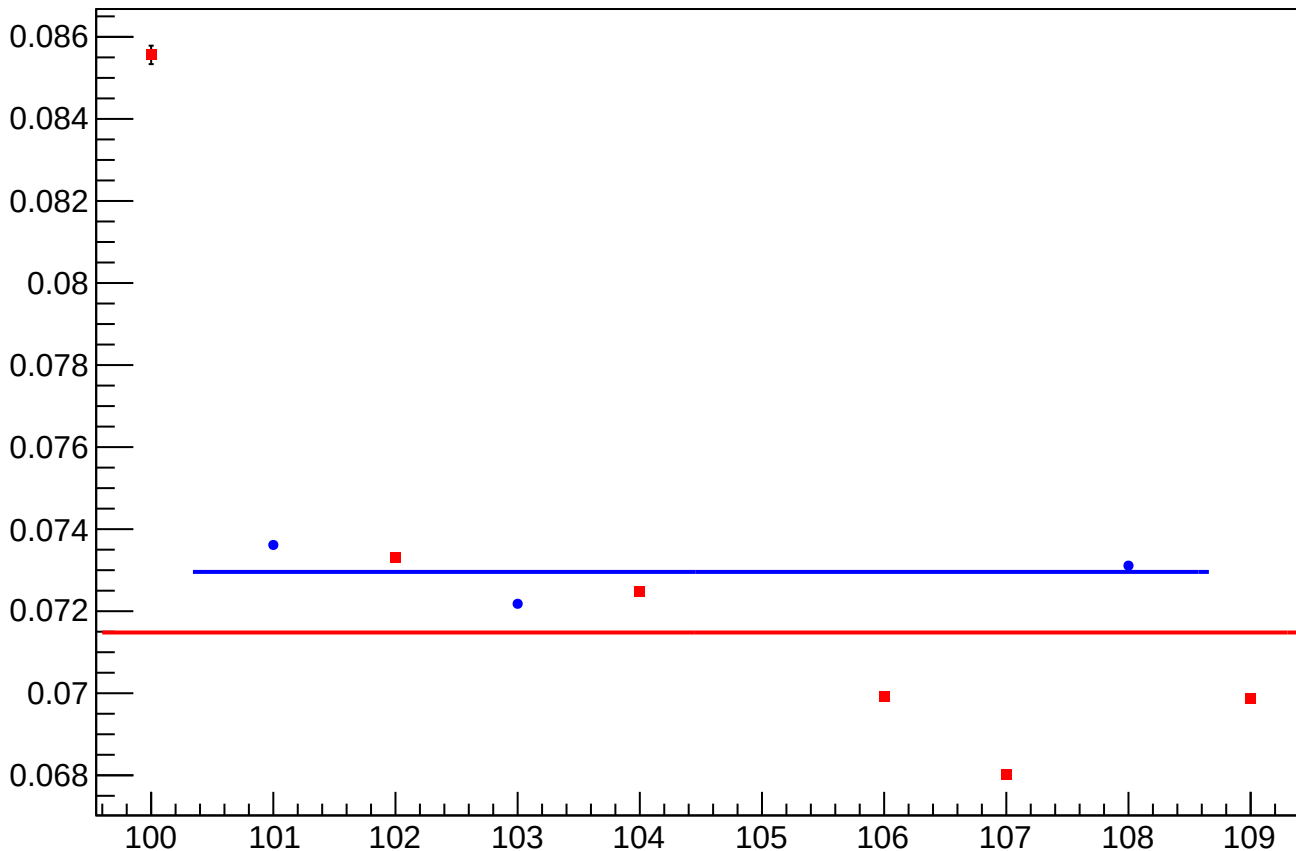
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.490+/-0.000 χ^2/NDF : 741768859.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_rms vs Slug



Right In: 0.073+/-0.000 χ^2/NDF : 246.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 7026.9/5

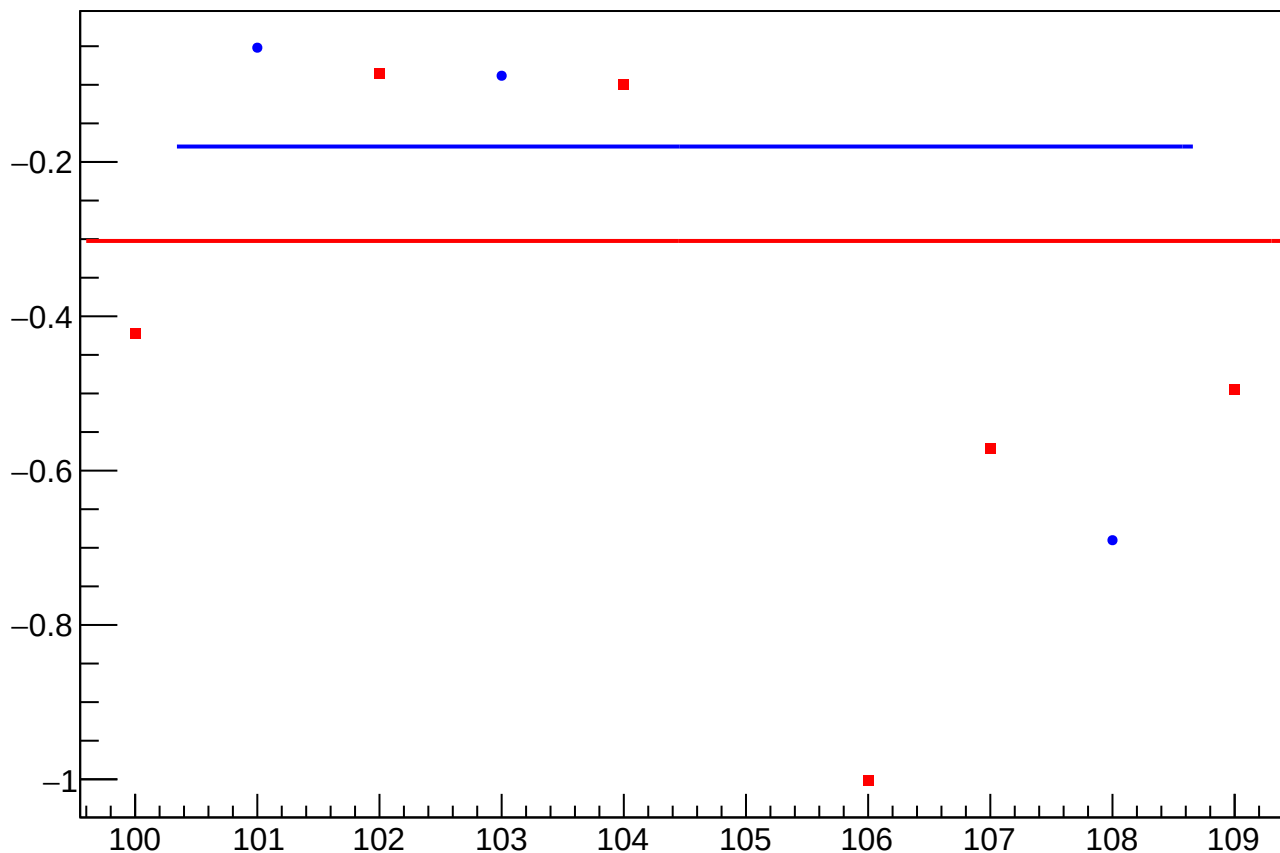
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.000 χ^2/NDF : 8073.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_mean vs Slug



Right In: -0.180 ± 0.000 χ^2/NDF : 998476122.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

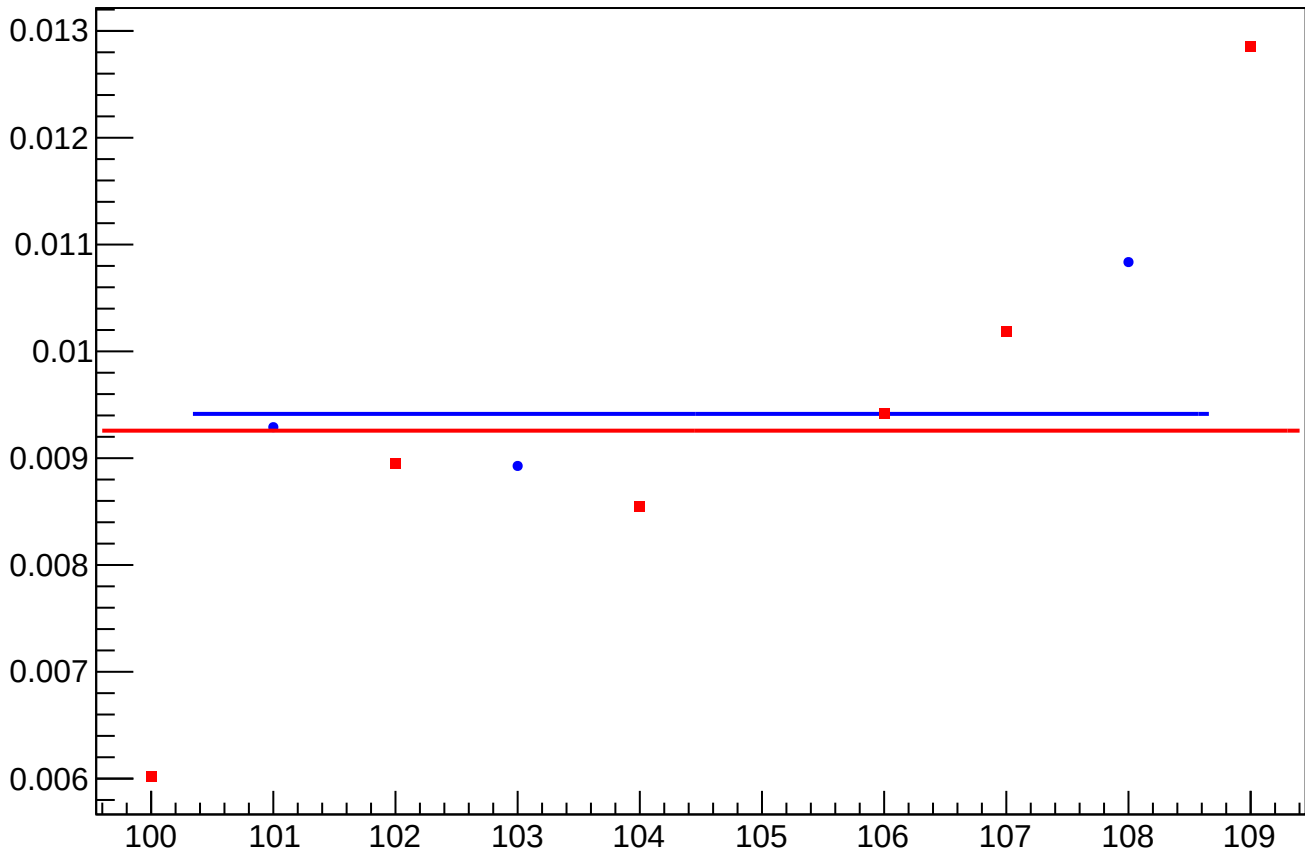
Right Out: -0.302 ± 0.000 χ^2/NDF : 2067862882.1/5

All: -0.251 ± 0.000 χ^2/NDF : 3219360324.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 16384.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 134130.0/5

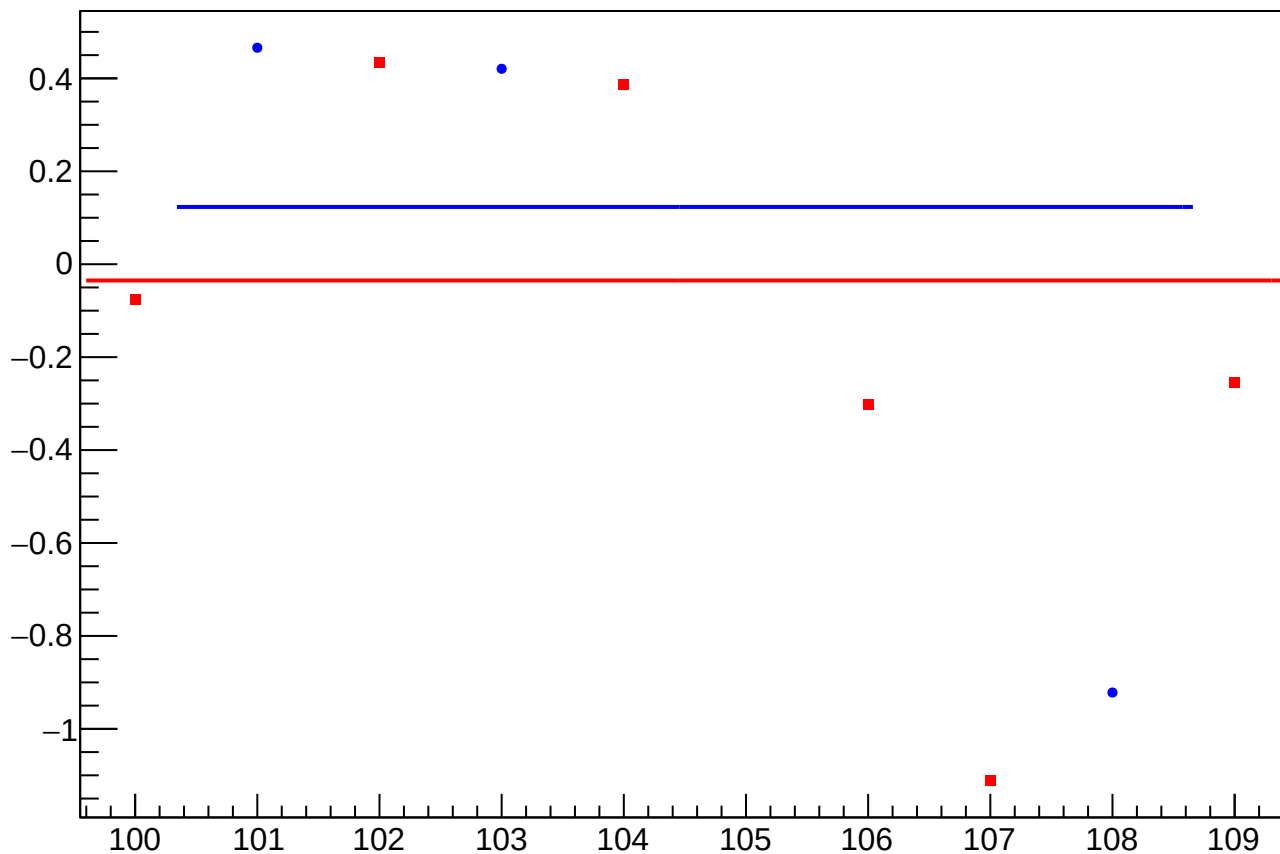
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 151018.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug



Right In: 0.123+/-0.000 χ^2/NDF : 69704982.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.035+/-0.000 χ^2/NDF : 74019417.3/5

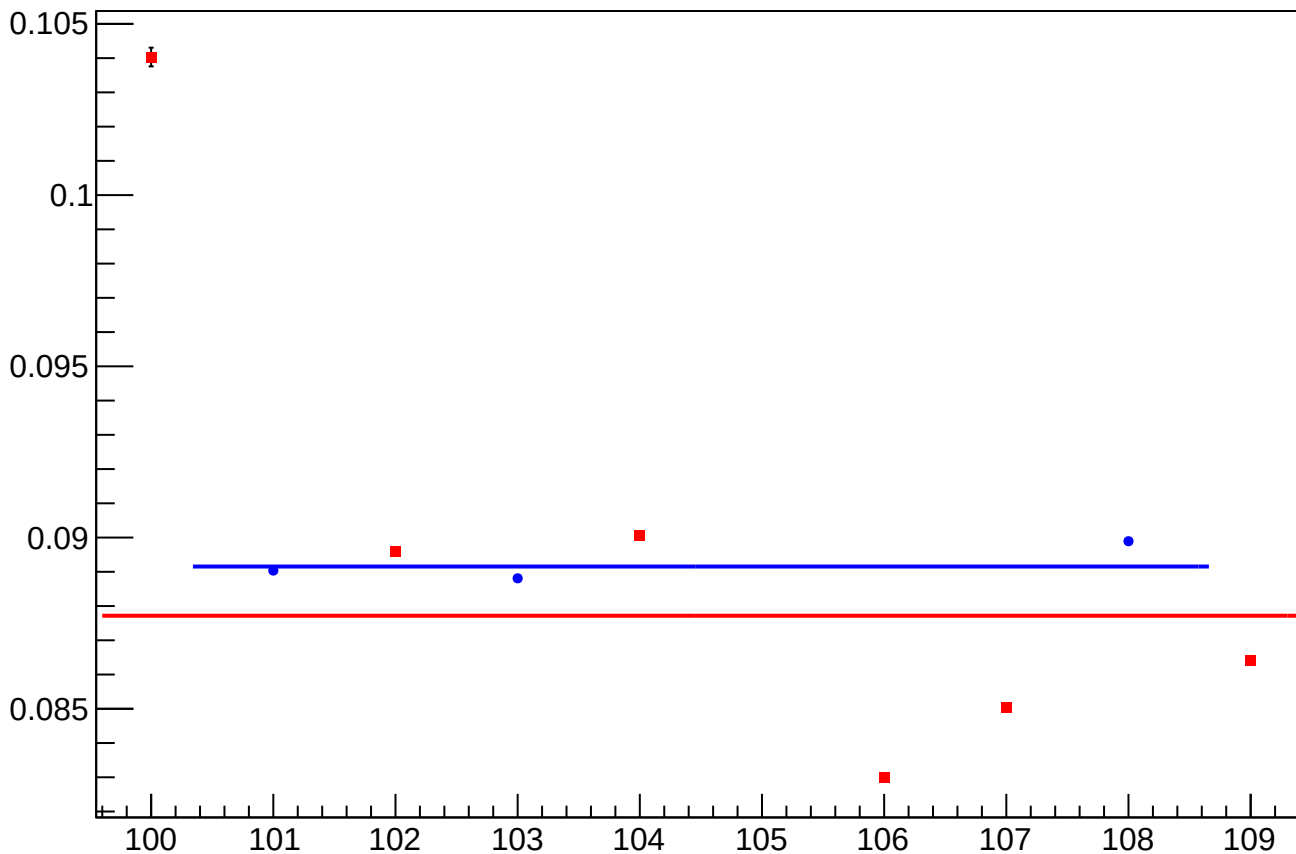
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.000 χ^2/NDF : 146810156.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_rms vs Slug



Right In: 0.089+/-0.000 χ^2/NDF : 73.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 7614.3/5

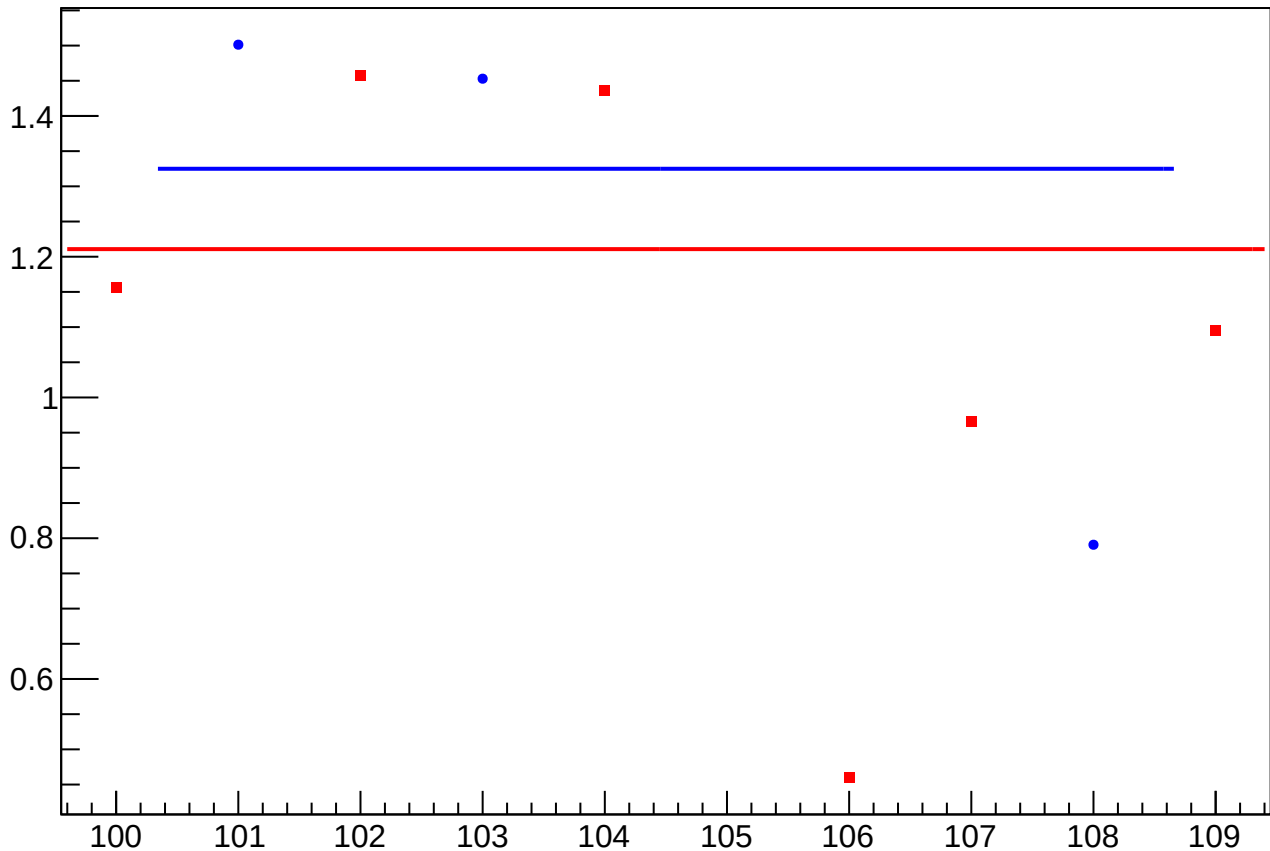
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 8196.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.325+/-0.000 χ^2/NDF : 740098144.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

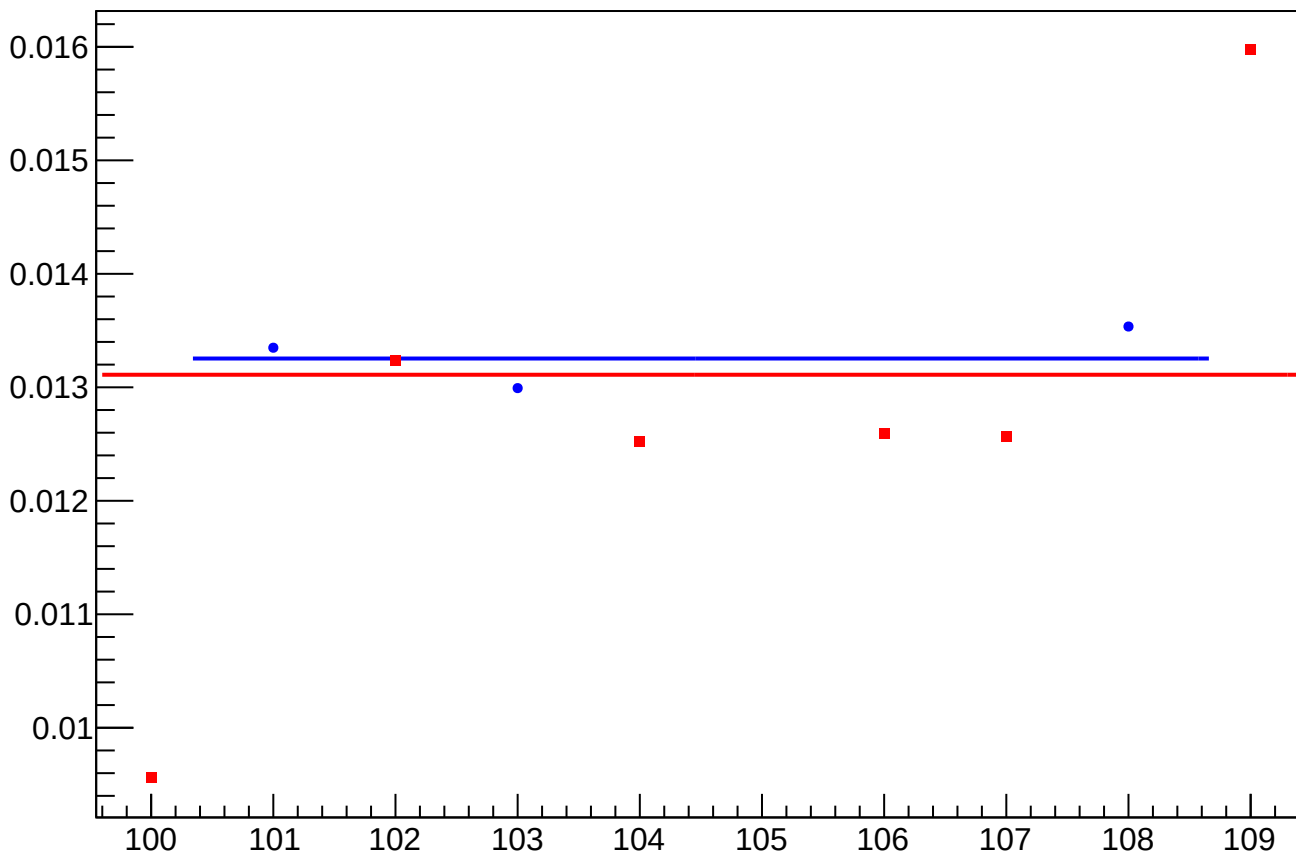
Right Out: 1.211+/-0.000 χ^2/NDF : 1220807584.9/5

All: 1.259+/-0.000 χ^2/NDF : 2028752415.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_rms vs Slug



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 855.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 56531.9/5

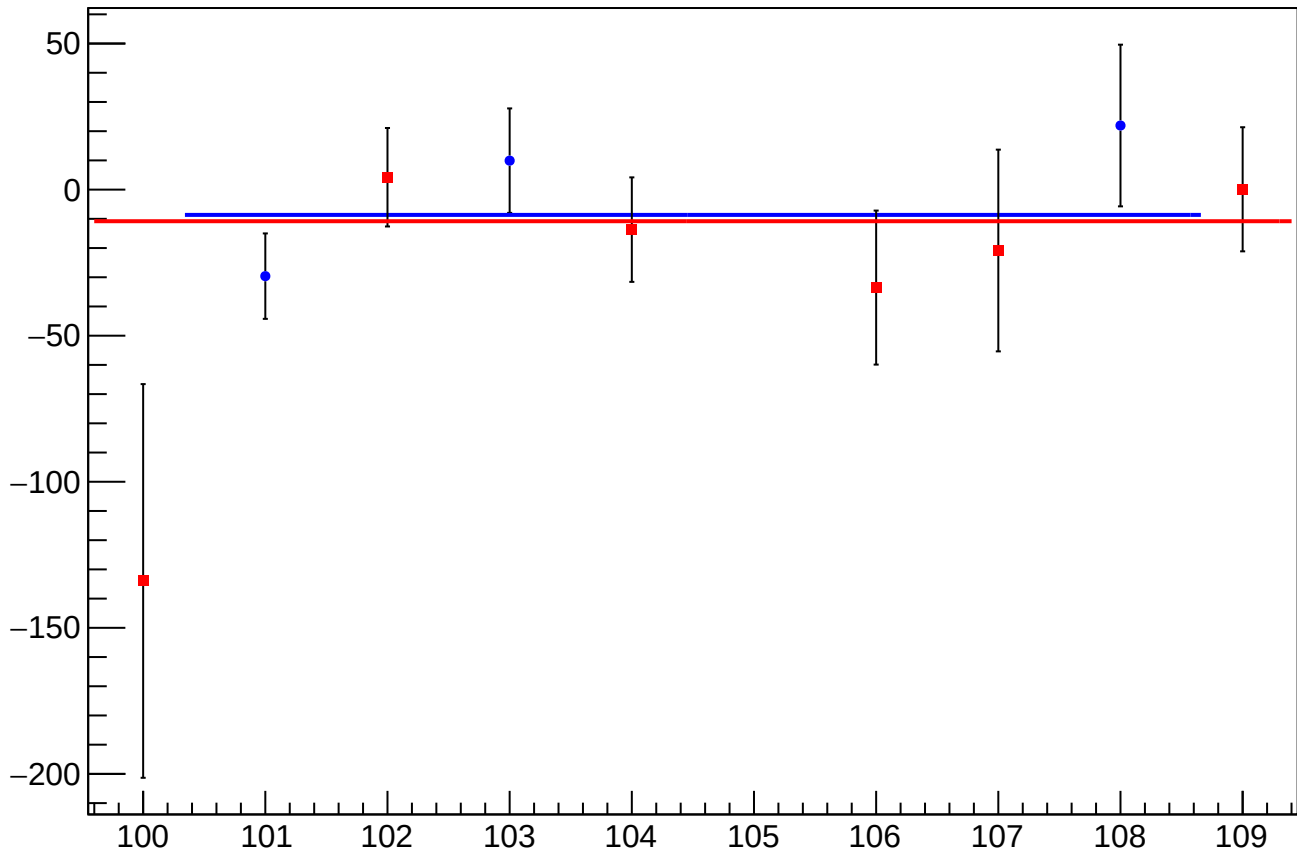
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 57599.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aX_mean vs Slug



Right In: -8.653+/-10.477 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.817+/-9.382 χ^2/NDF : 5.3/5

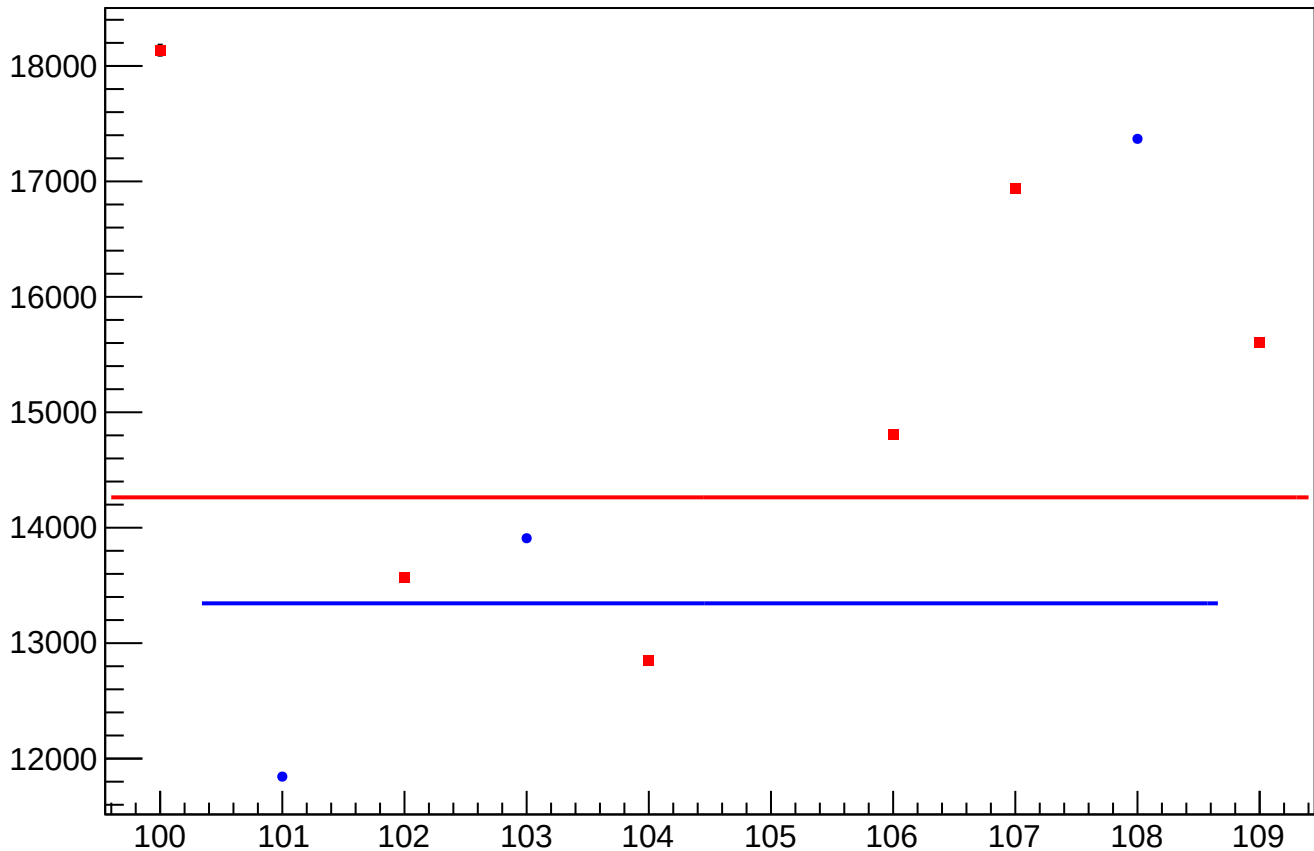
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.854+/-6.989 χ^2/NDF : 9.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_rms vs Slug



Right In: 13344.910+/-7.408 χ^2/NDF : 65349.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14263.044+/-6.634 χ^2/NDF : 43407.8/5

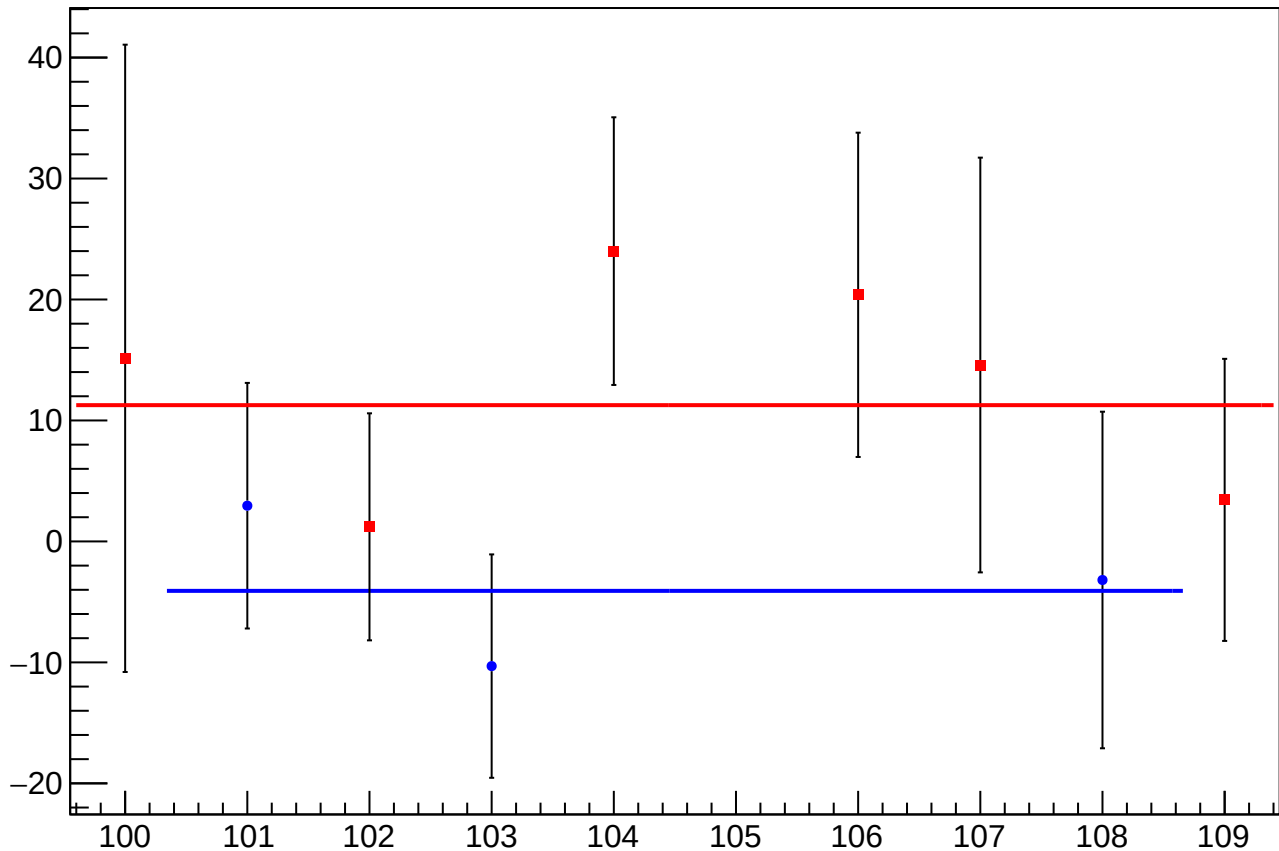
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13854.444+/-4.942 χ^2/NDF : 117280.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_mean vs Slug



Right In: -4.087 ± 6.132 $\chi^2/\text{NDF}: 0.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.265 ± 5.175 $\chi^2/\text{NDF}: 3.4/5$

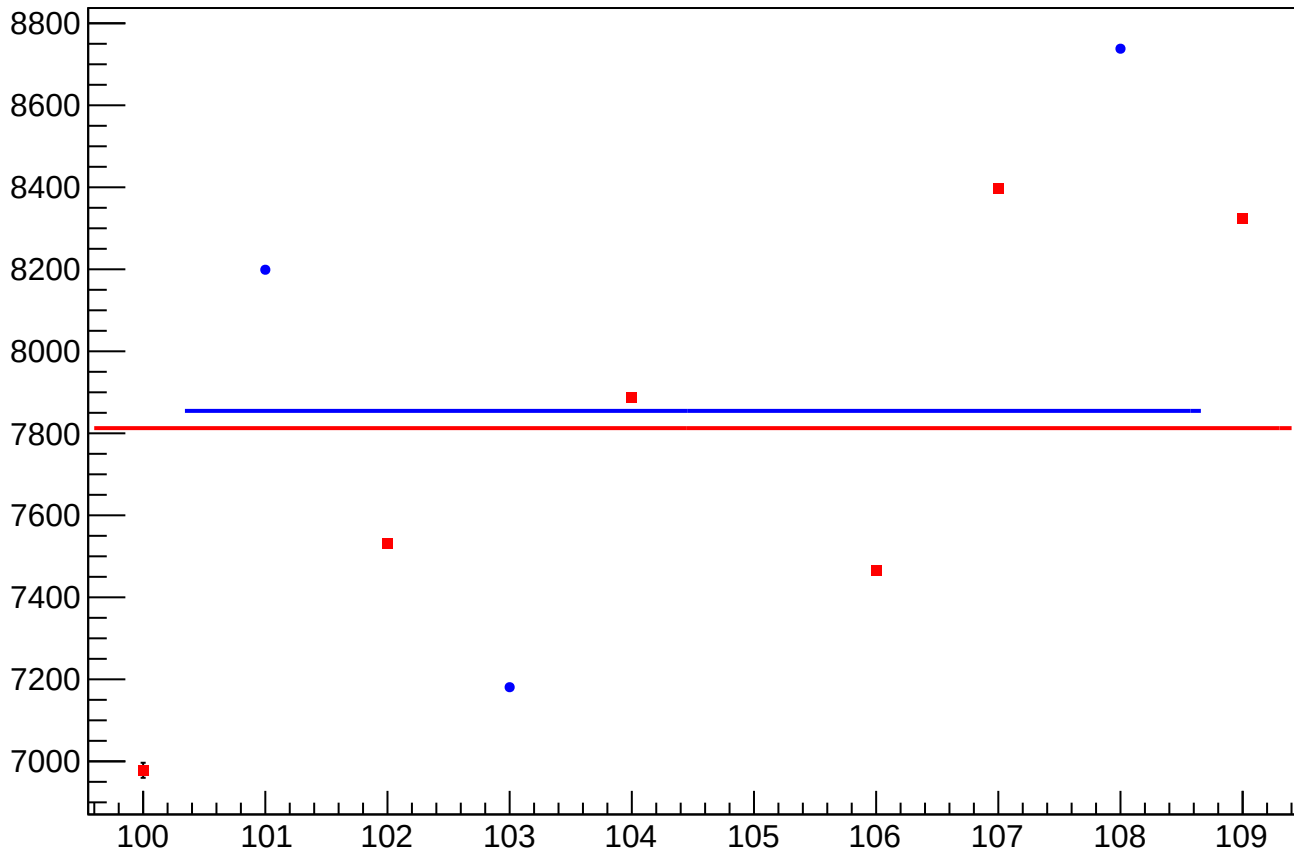
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4.878 ± 3.955 $\chi^2/\text{NDF}: 8.0/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm4aY_rms vs Slug



Right In: 7854.710 $\pm$ 4.336 χ^2 /NDF: 21013.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7812.625 $\pm$ 3.660 χ^2 /NDF: 11477.9/5

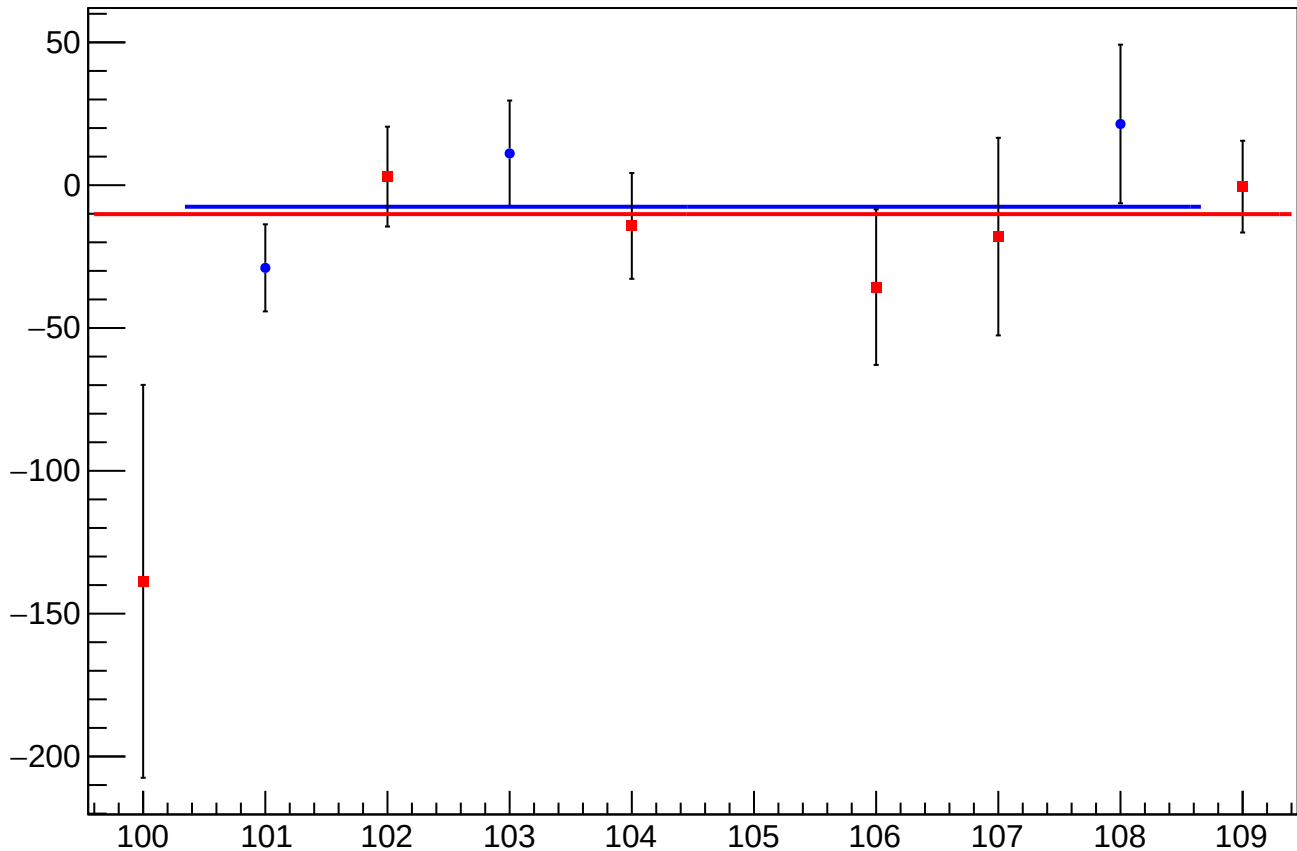
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7830.134 $\pm$ 2.797 χ^2 /NDF: 32546.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4eX_mean vs Slug



Right In: -7.550 ± 10.837 χ^2/NDF : 4.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.134 ± 8.958 χ^2/NDF : 5.4/5

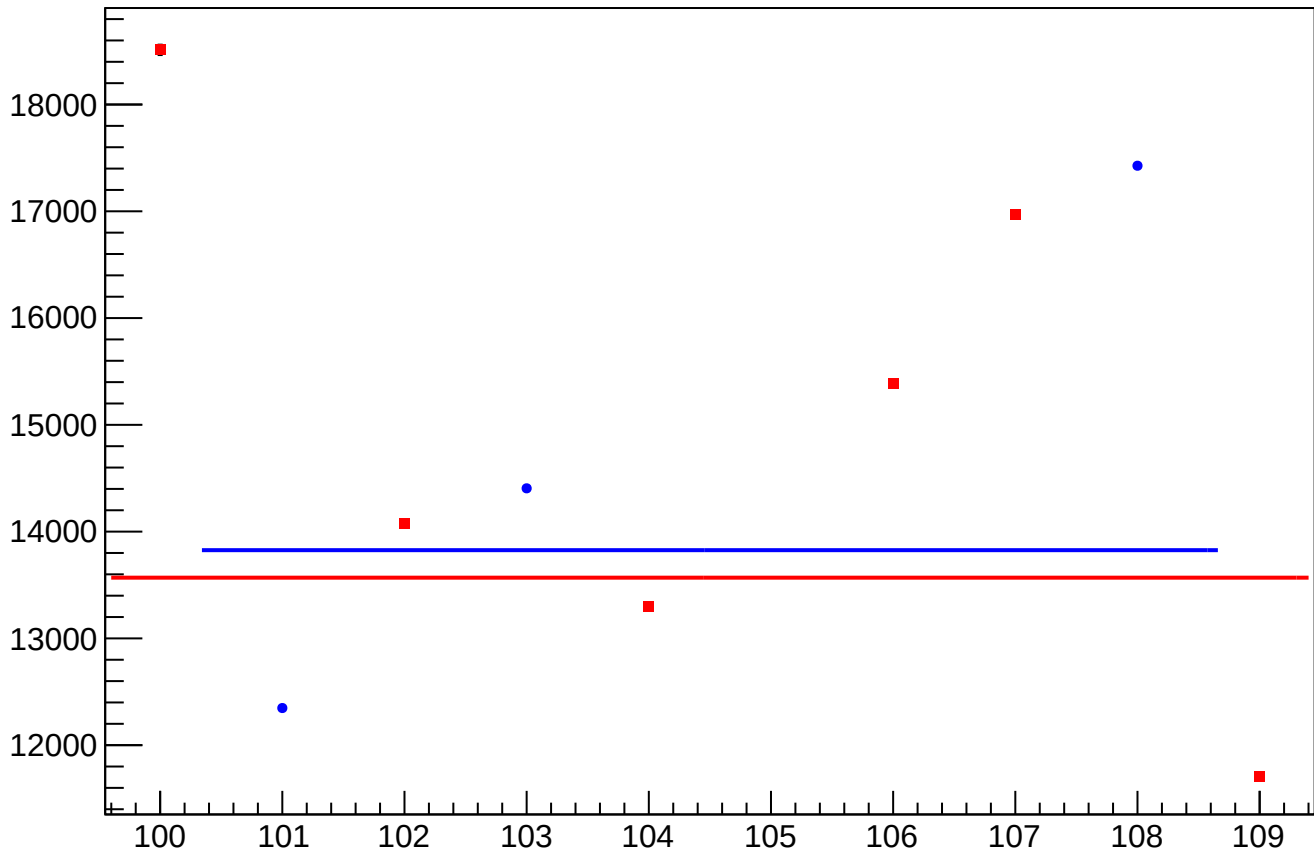
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.085 ± 6.905 χ^2/NDF : 9.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4eX_rms vs Slug



Right In: 13826.266+/-7.663 χ^2/NDF : 54398.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13568.746+/-6.334 χ^2/NDF : 67588.2/5

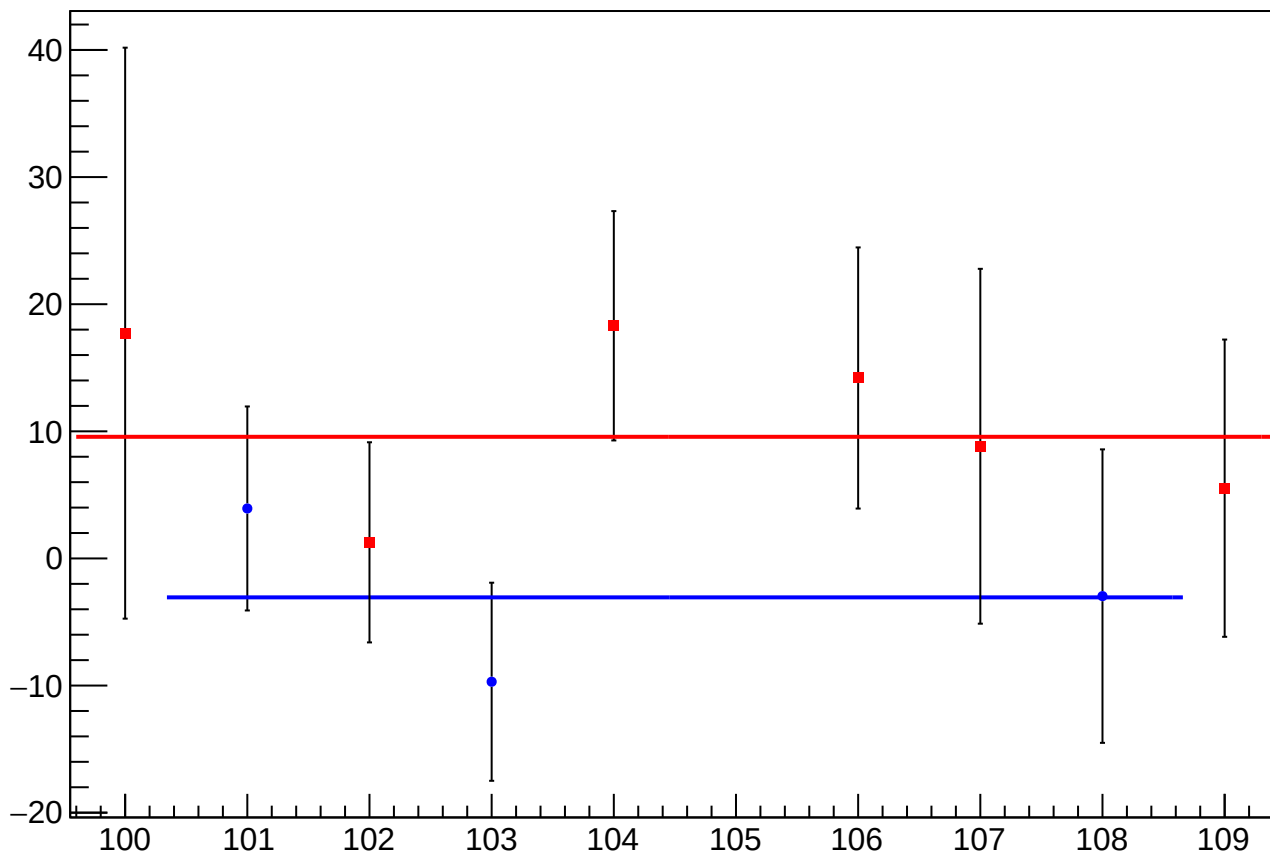
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13673.285+/-4.882 χ^2/NDF : 122657.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -3.062 $\pm$ 5.031 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.569 $\pm$ 4.371 χ^2 /NDF: 2.5/5

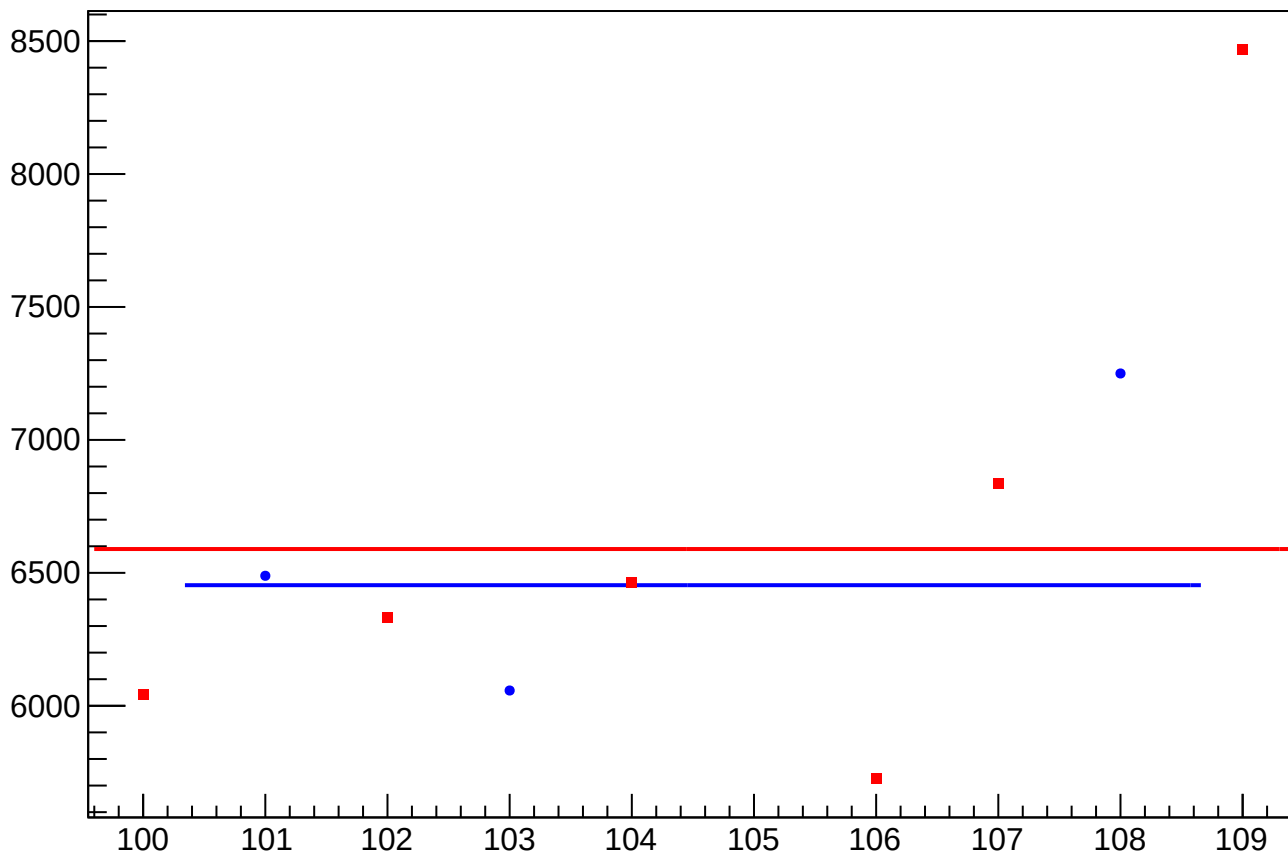
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.135 $\pm$ 3.300 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4eY_rms vs Slug



Right In: 6453.630+/-3.558 χ^2/NDF : 14723.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6589.614+/-3.091 χ^2/NDF : 70087.4/5

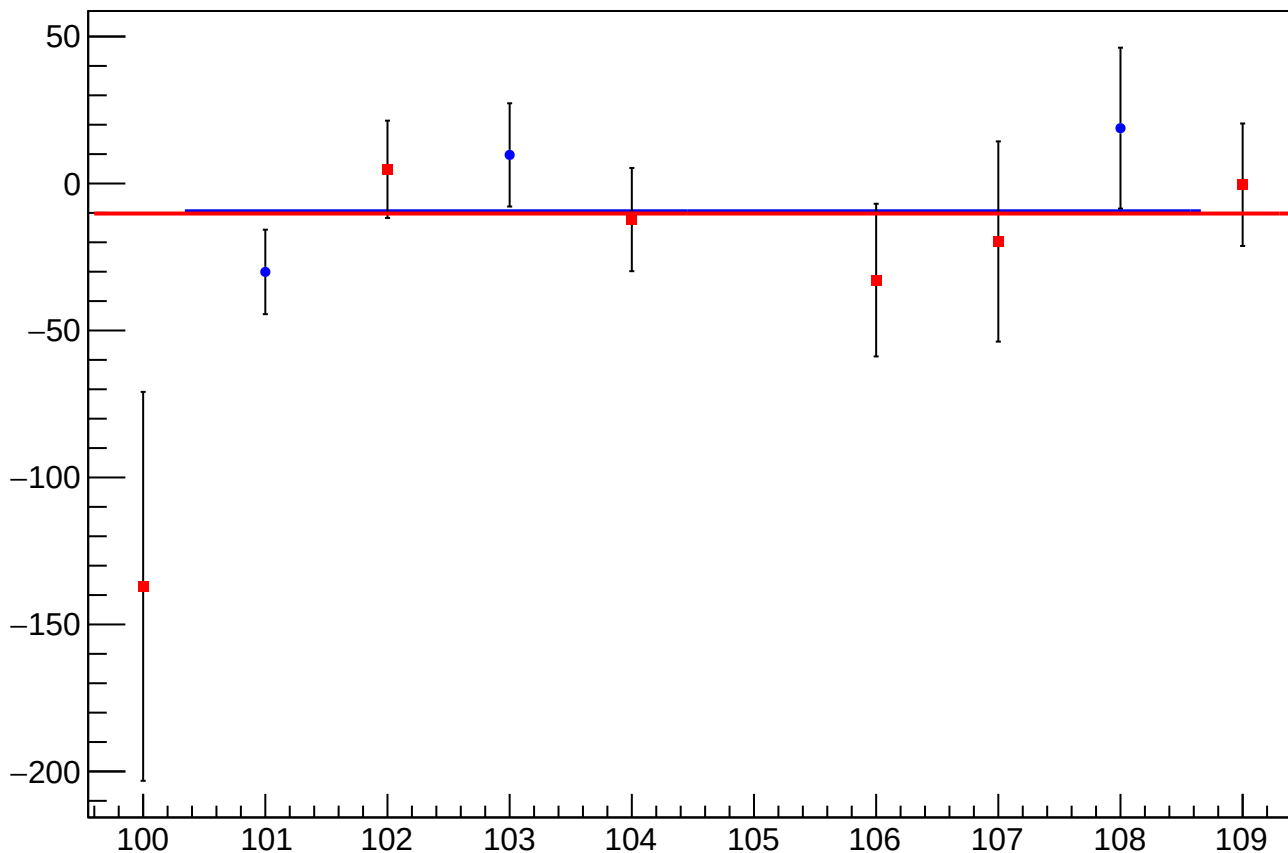
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6531.118+/-2.333 χ^2/NDF : 85643.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_mean vs Slug



Right In: -9.449 $\pm$ 10.303 χ^2 /NDF: 4.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.208 $\pm$ 9.217 χ^2 /NDF: 5.6/5

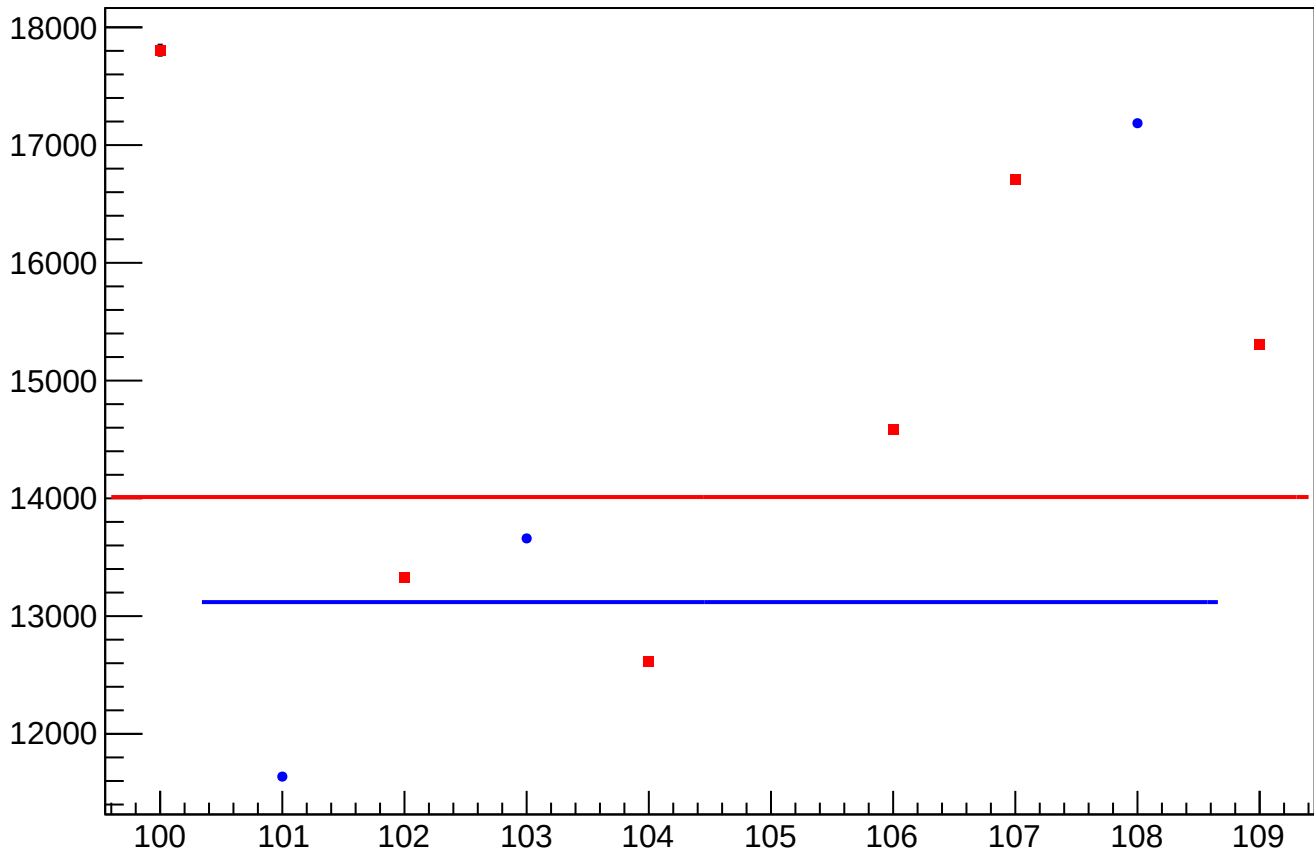
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.870 $\pm$ 6.869 χ^2 /NDF: 9.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 13119.041 $\pm$ 7.285 χ^2 /NDF: 67288.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14011.268 $\pm$ 6.518 χ^2 /NDF: 43965.7/5

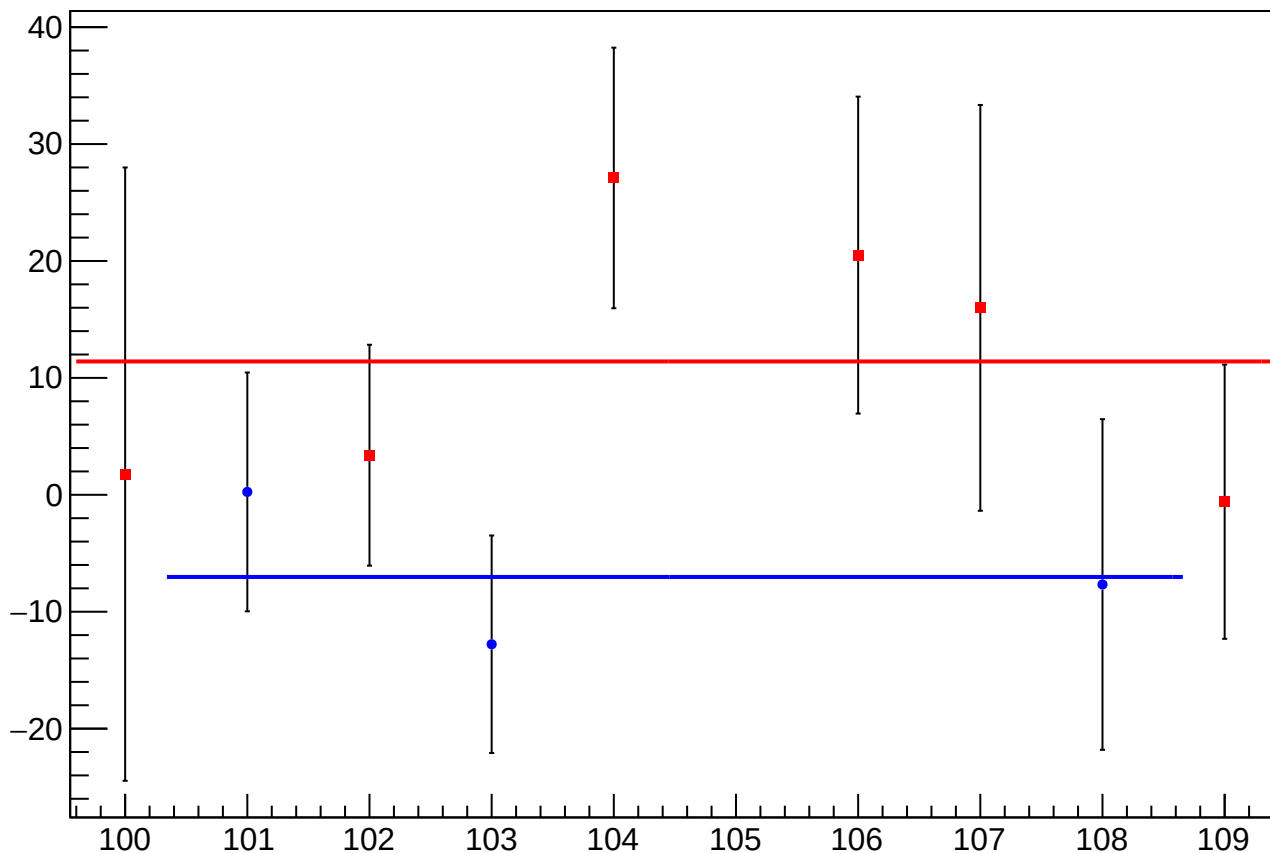
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13614.616 $\pm$ 4.857 χ^2 /NDF: 119585.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4acY_mean vs Slug



Right In: -7.026+/-6.185 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.407+/-5.217 χ^2/NDF : 4.4/5

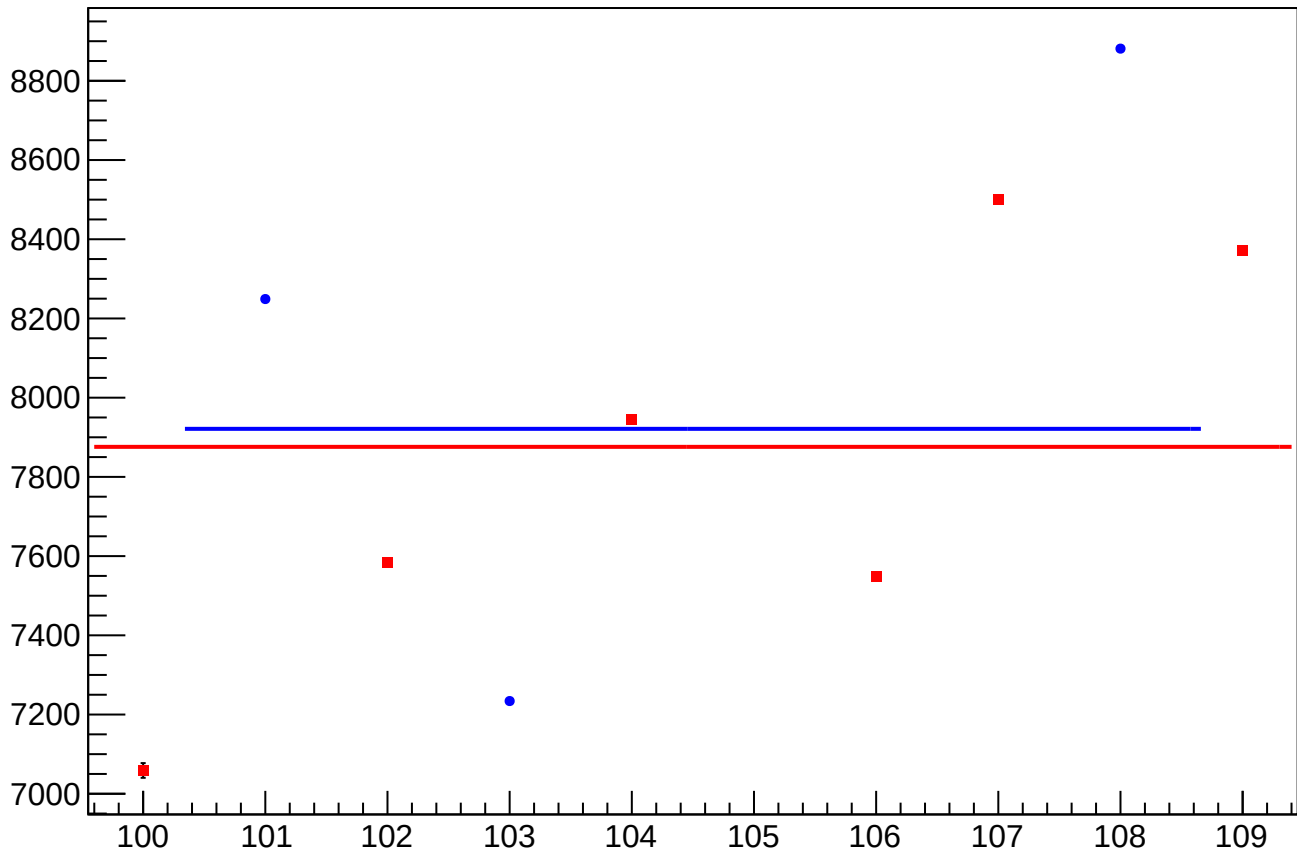
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.744+/-3.988 χ^2/NDF : 10.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 7921.335 $\pm$ 4.373 χ^2 /NDF: 22192.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7875.856 $\pm$ 3.689 χ^2 /NDF: 11263.6/5

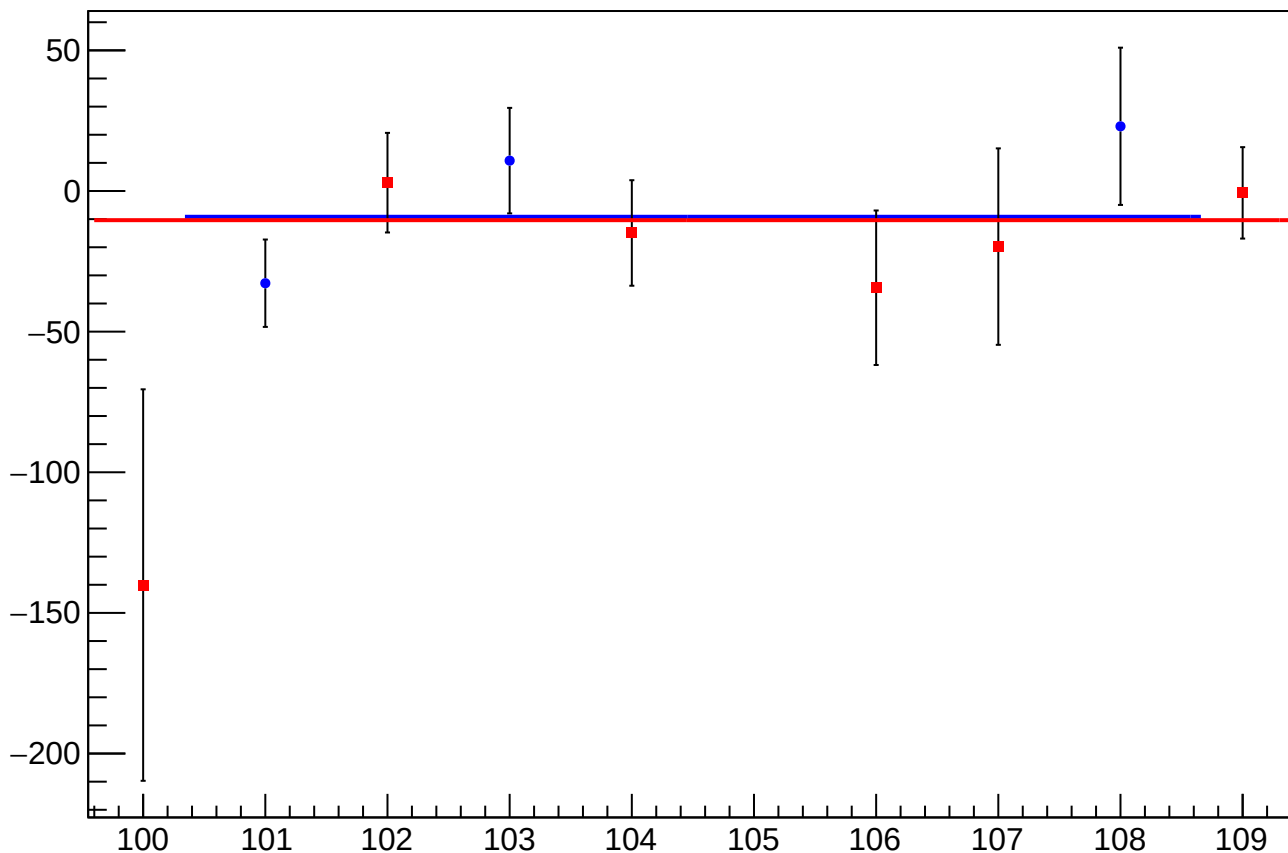
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7894.763 $\pm$ 2.820 χ^2 /NDF: 33519.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4ecX_mean vs Slug



Right In: -9.164 $\pm$ 10.999 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.370 $\pm$ 9.065 χ^2 /NDF: 5.3/5

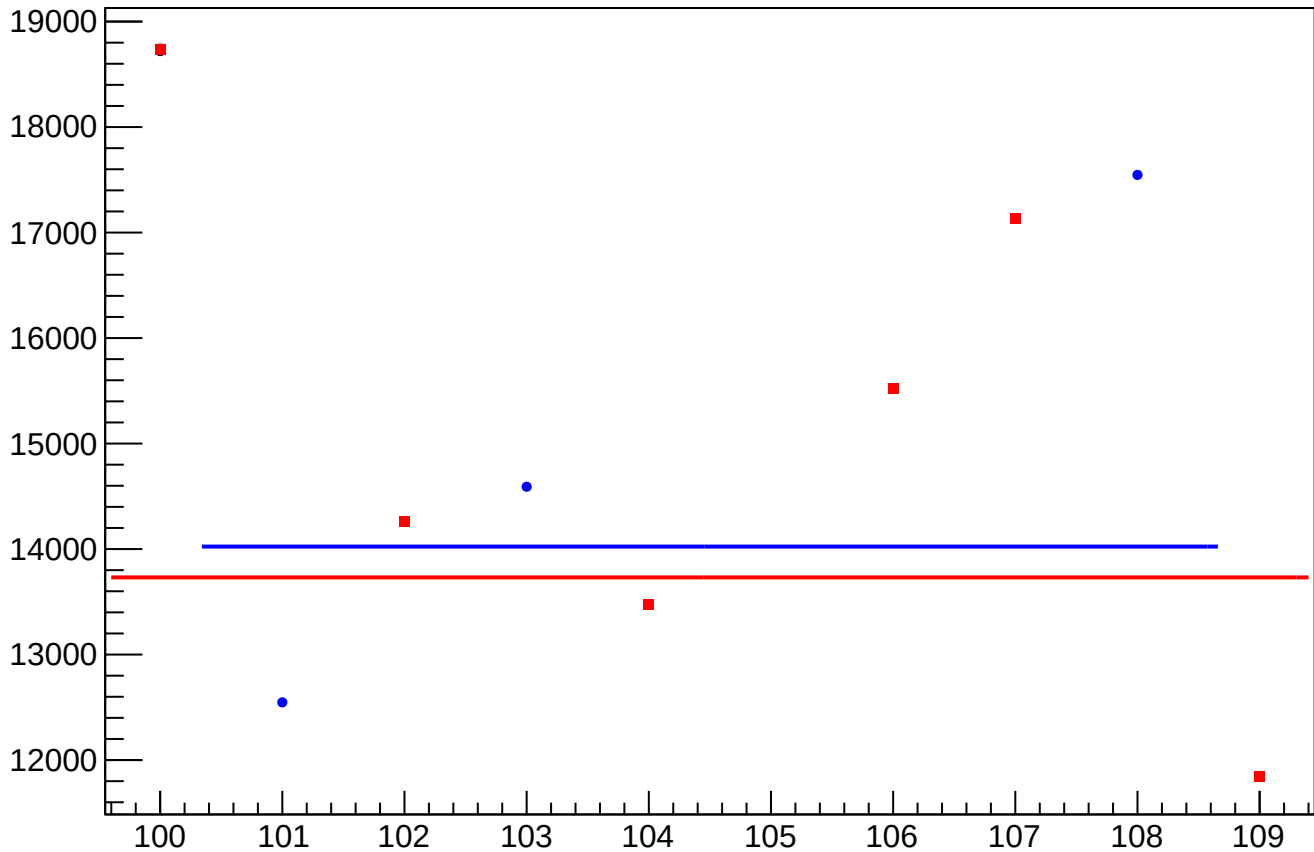
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.882 $\pm$ 6.995 χ^2 /NDF: 10.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 14023.631+/-7.777 χ^2/NDF : 51668.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13731.435+/-6.410 χ^2/NDF : 66978.5/5

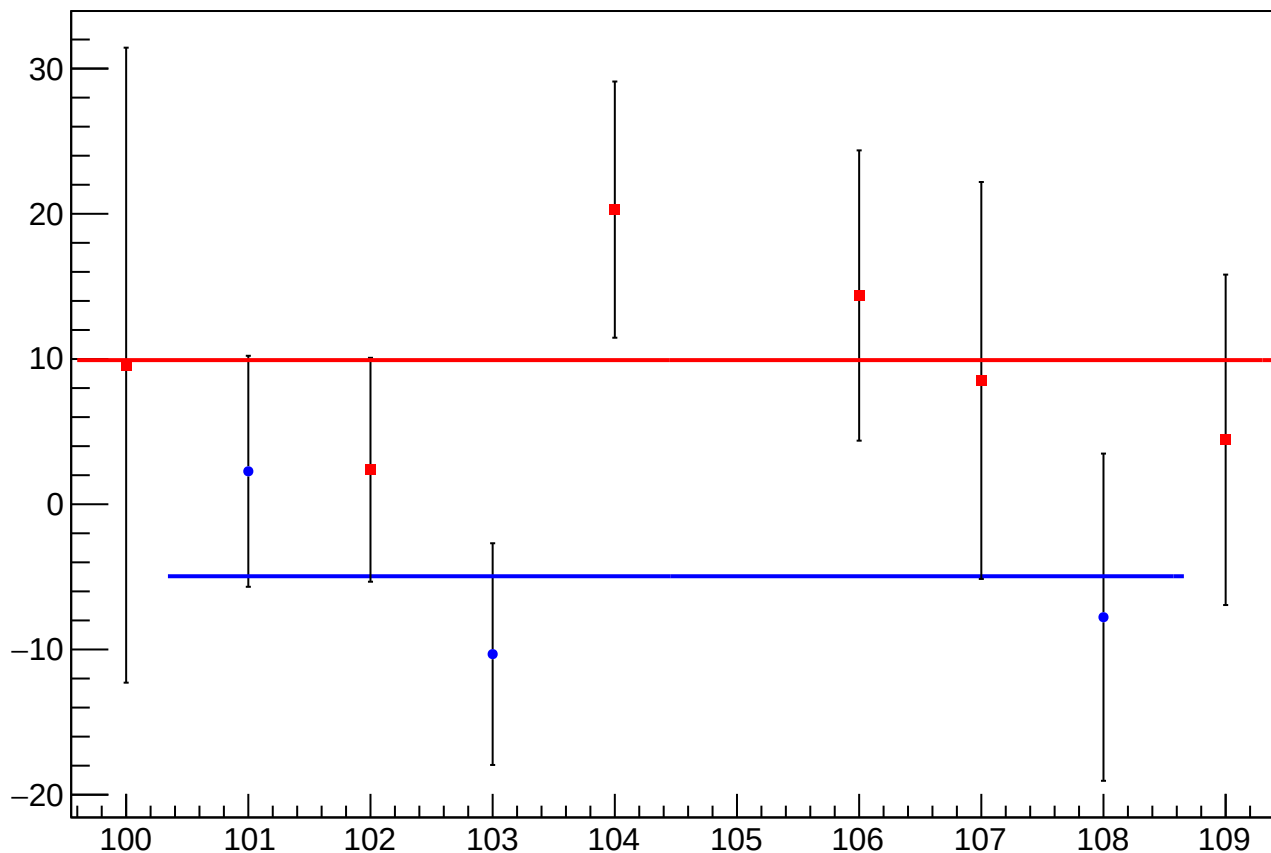
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13849.627+/-4.946 χ^2/NDF : 119487.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs Slug



Right In: -4.957+/-4.948 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.925+/-4.269 χ^2/NDF : 2.8/5

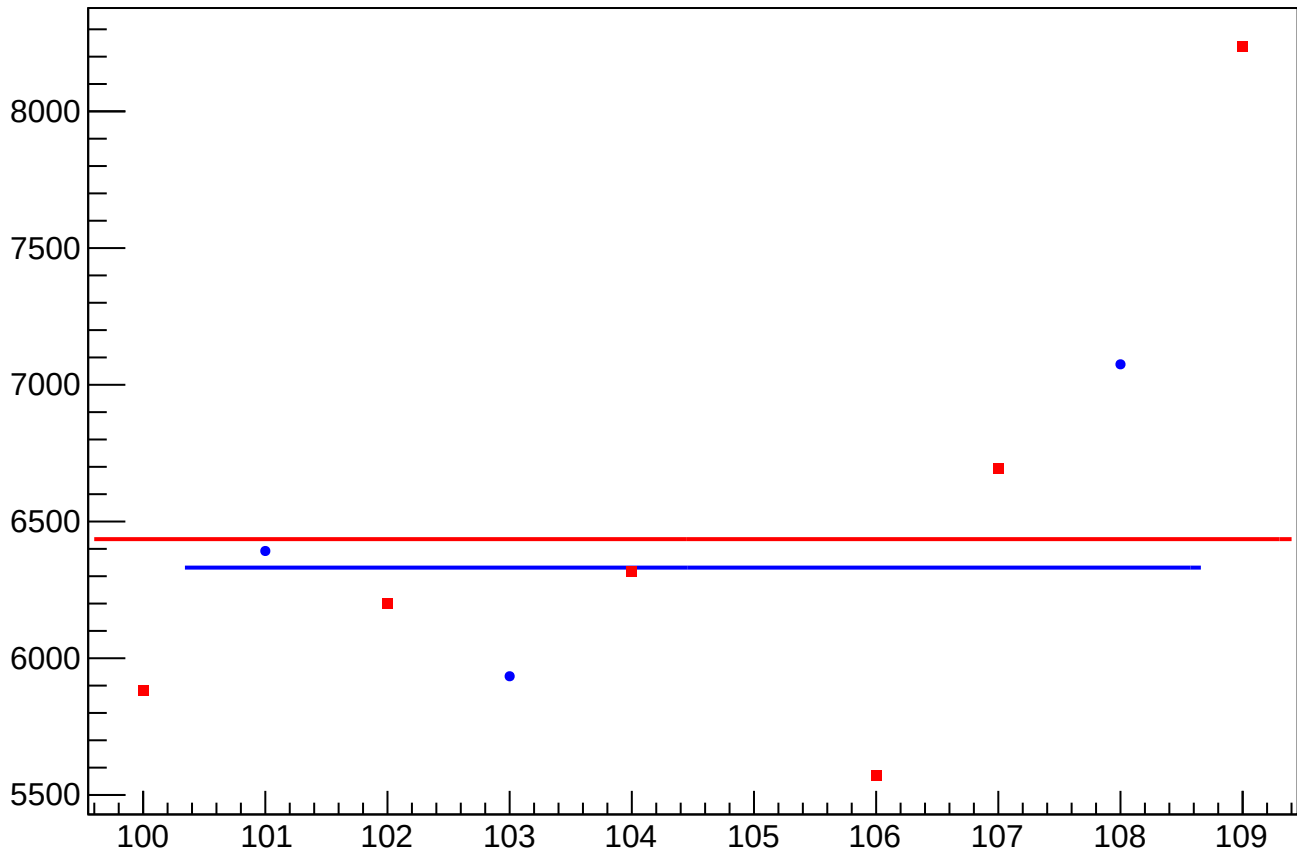
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.574+/-3.232 χ^2/NDF : 9.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 6331.478+/-3.498 χ^2/NDF : 14245.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6435.611+/-3.019 χ^2/NDF : 69314.9/5

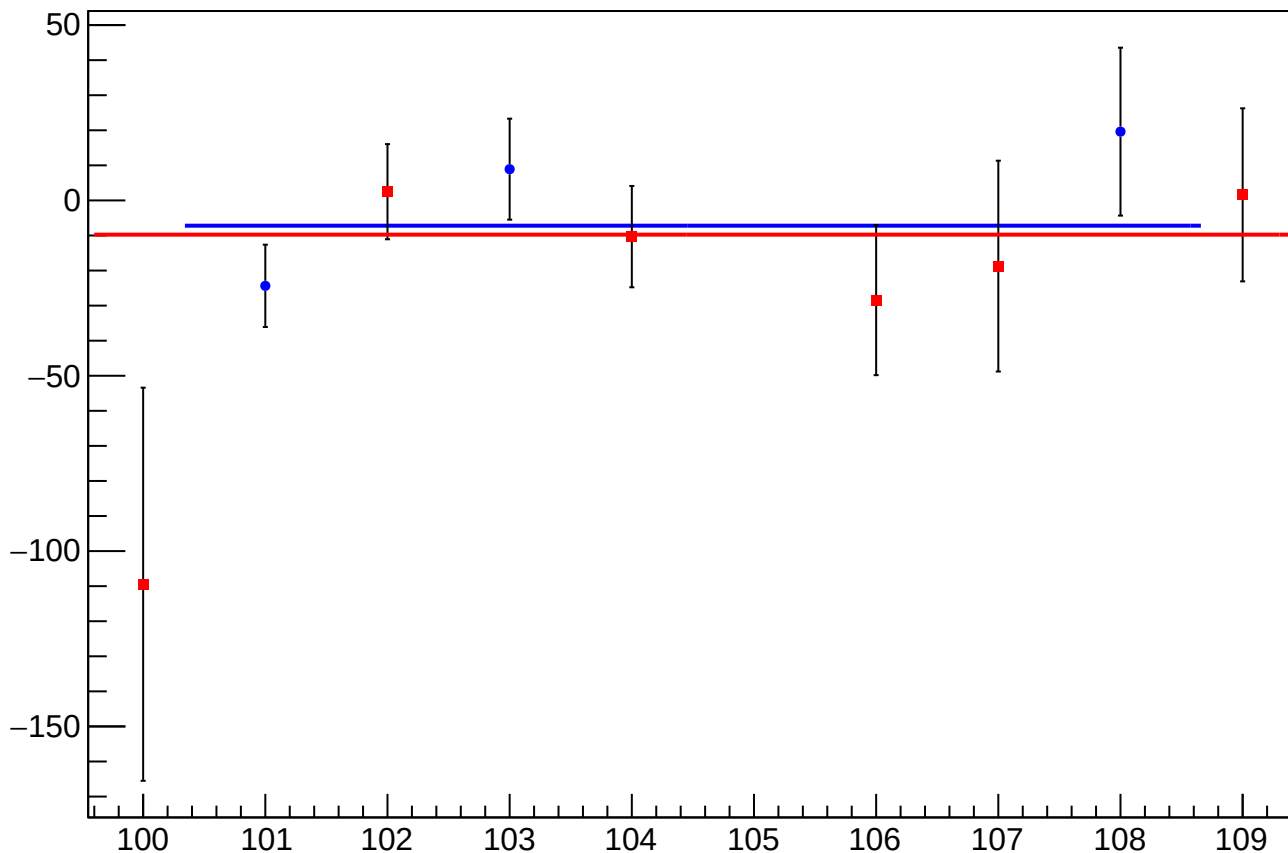
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6391.169+/-2.286 χ^2/NDF : 84068.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1X_mean vs Slug



Right In: -7.205 $\pm$ 8.505 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.761 $\pm$ 8.039 χ^2 /NDF: 5.0/5

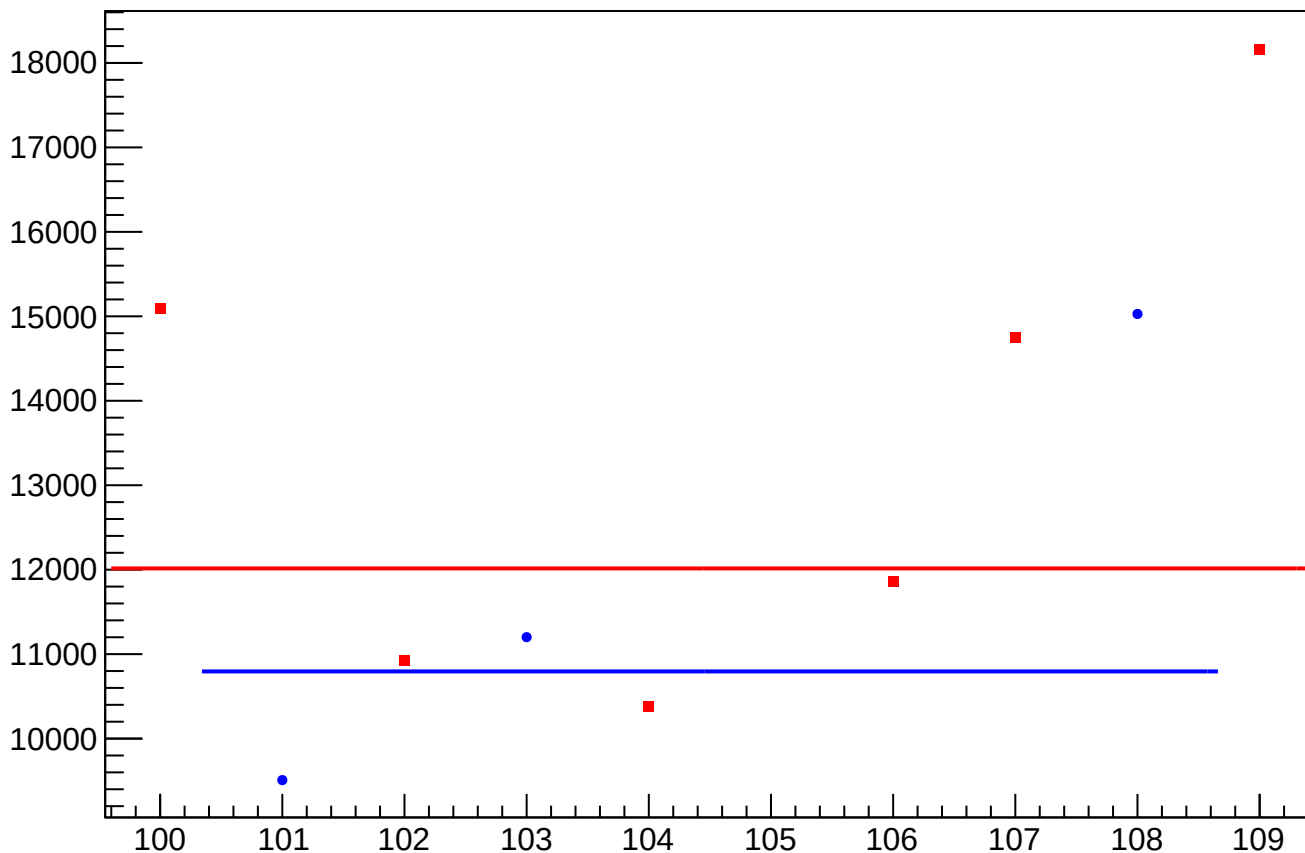
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.555 $\pm$ 5.842 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1X_rms vs Slug



Right In: 10795.386 $\pm$ 6.014 χ^2 /NDF: 88110.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

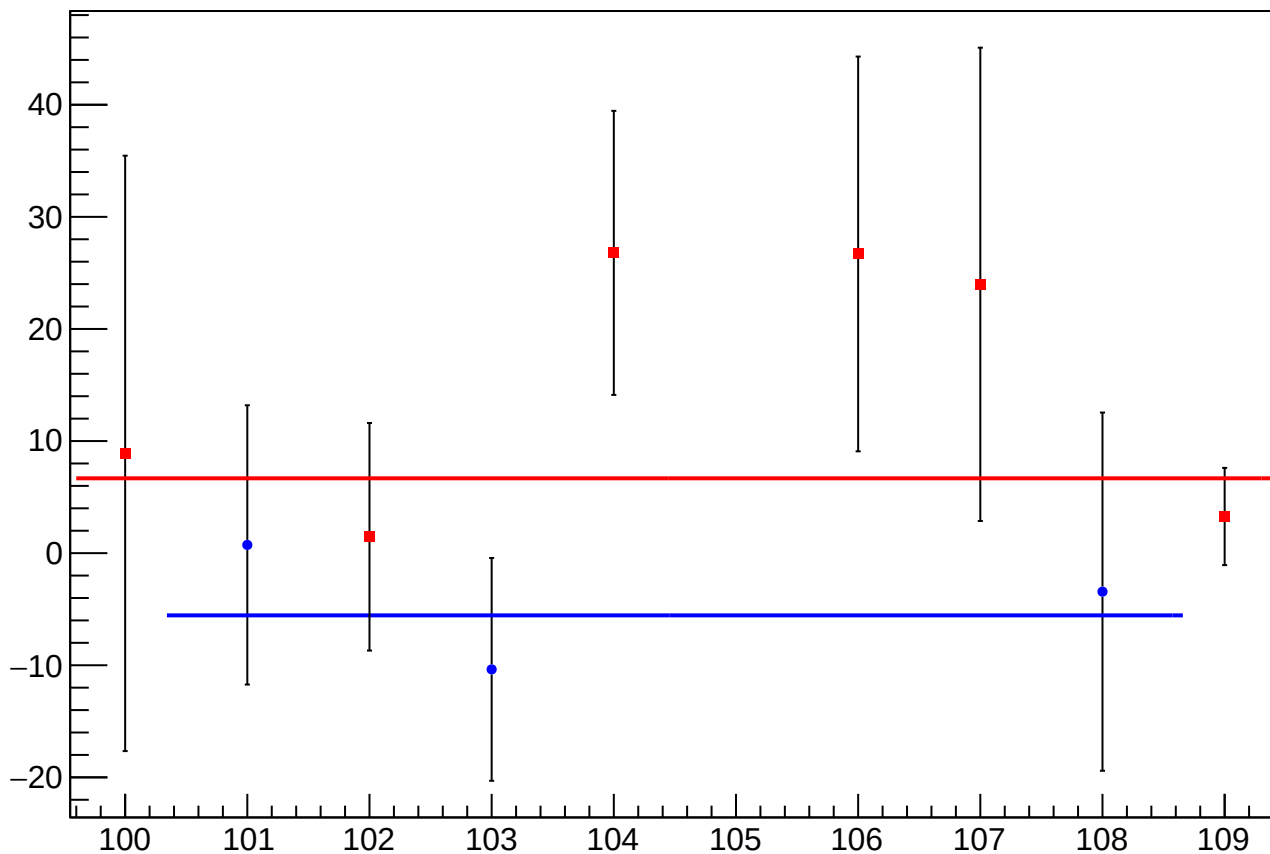
Right Out: 12014.849 $\pm$ 5.685 χ^2 /NDF: 185398.3/5

All: 11439.422 $\pm$ 4.131 χ^2 /NDF: 295222.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1Y_mean vs Slug



Right In: -5.550+/-6.987 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.676+/-3.627 χ^2/NDF : 5.4/5

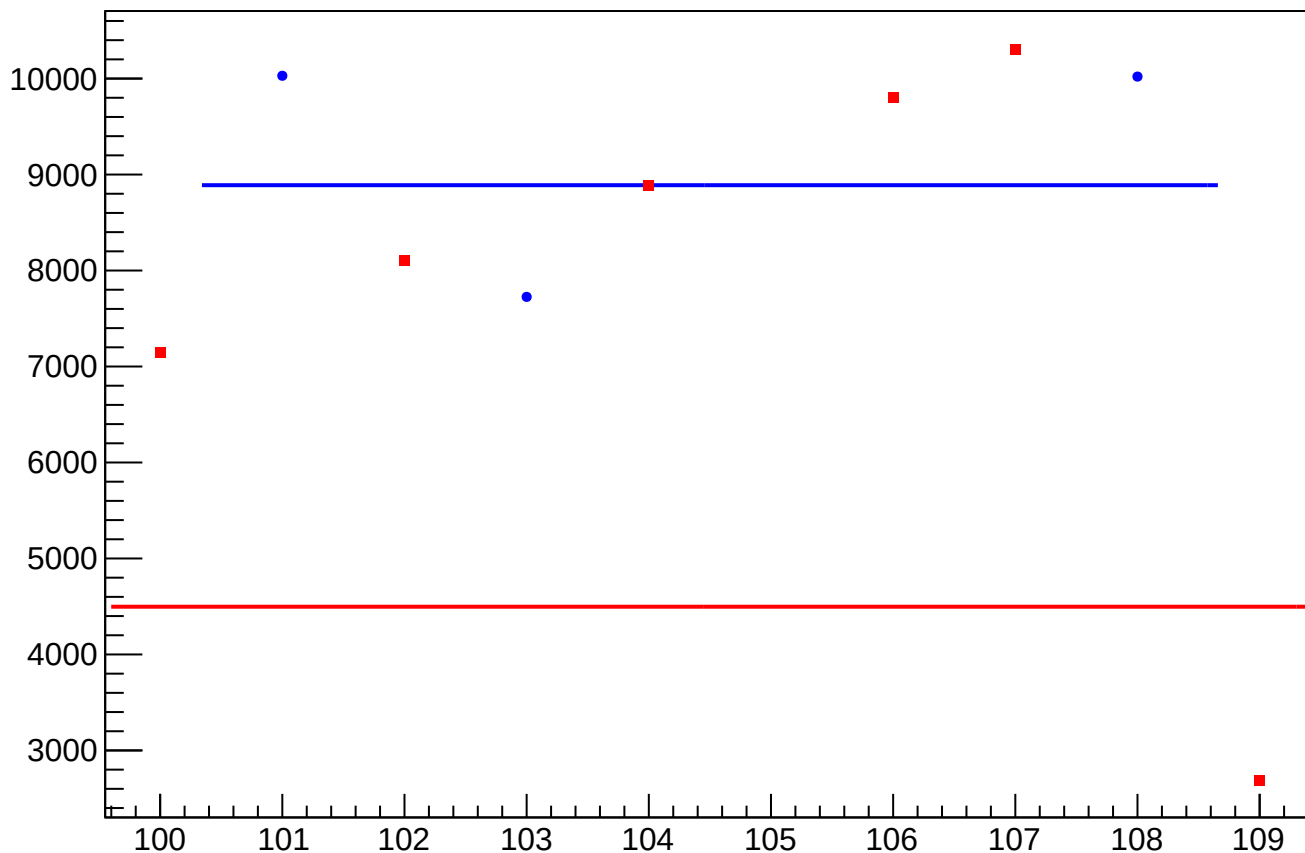
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.081+/-3.219 χ^2/NDF : 8.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug



Right In: 8889.150+/-4.941 χ^2/NDF : 54191.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4497.424+/-2.565 χ^2/NDF : 1194593.9/5

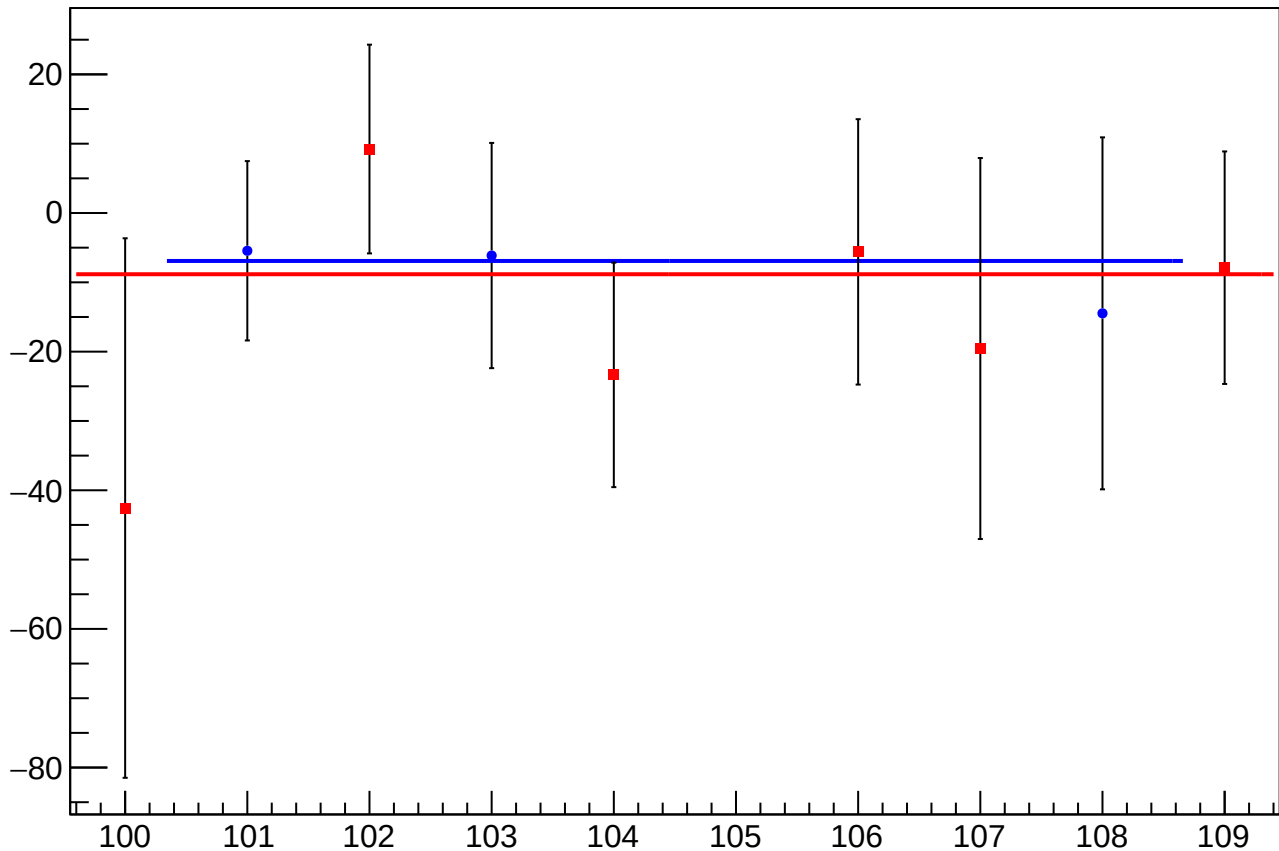
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5429.804+/-2.276 χ^2/NDF : 1871188.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11X_mean vs Slug



Right In: -6.917 $\pm$ 9.401 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.834 $\pm$ 7.787 χ^2 /NDF: 3.2/5

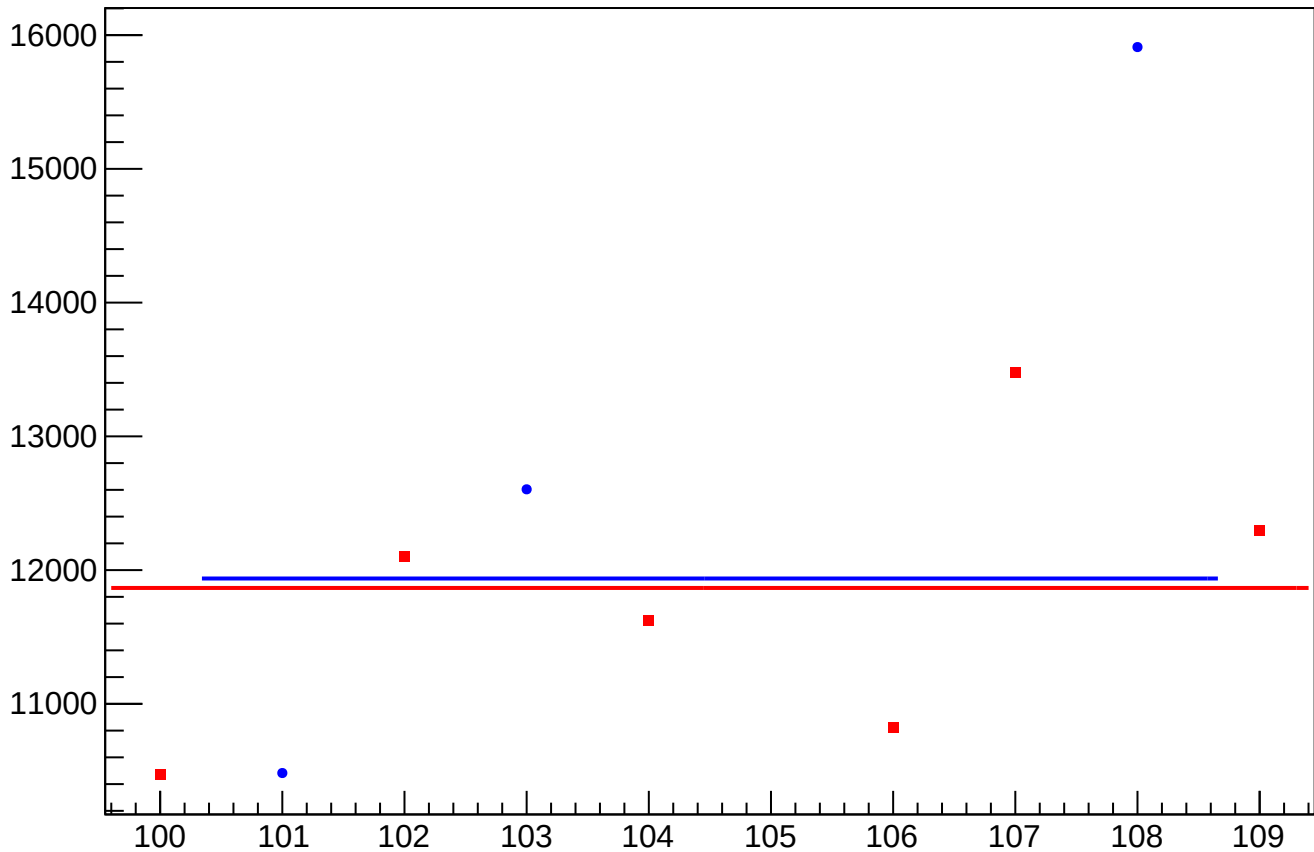
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.054 $\pm$ 5.997 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm11X_rms vs Slug



Right In: 11937.234+/-6.648 χ^2/NDF : 77632.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11866.550+/-5.506 χ^2/NDF : 17647.2/5

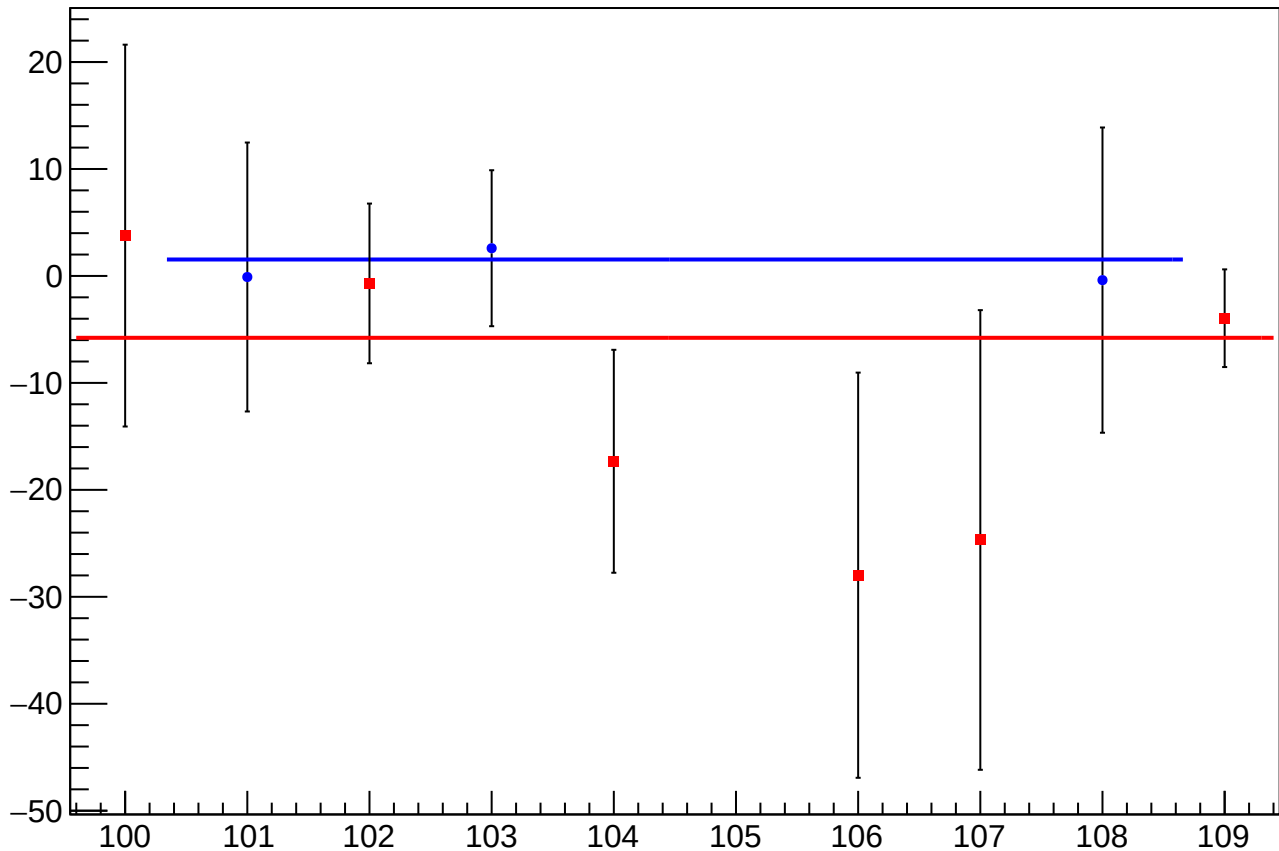
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11895.311+/-4.240 χ^2/NDF : 95346.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: 1.538 $\pm$ 5.769 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.784 $\pm$ 3.467 χ^2 /NDF: 4.3/5

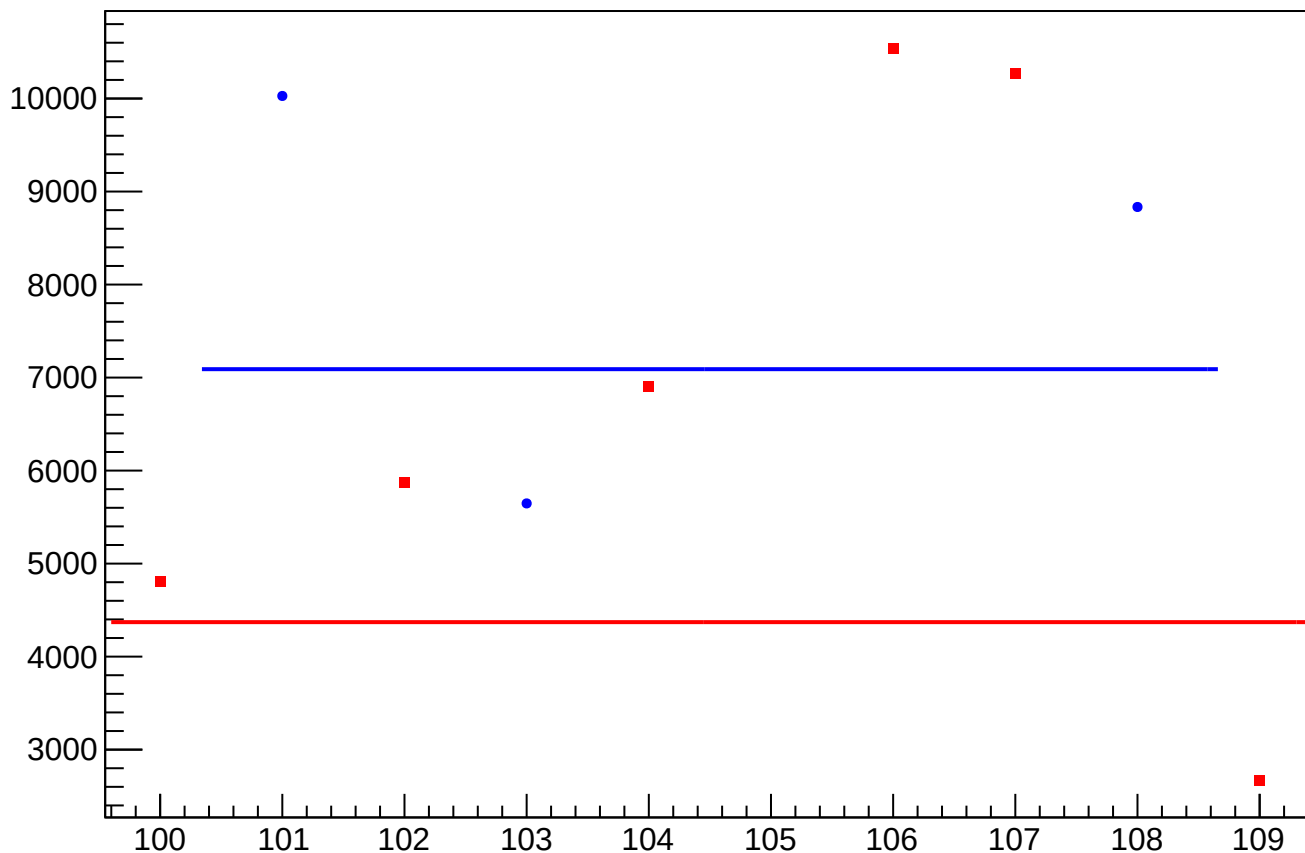
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.841 $\pm$ 2.972 χ^2 /NDF: 5.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm11Y_rms vs Slug



Right In: 7090.346+/-4.079 χ^2/NDF : 217391.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4370.697+/-2.452 χ^2/NDF : 841342.2/5

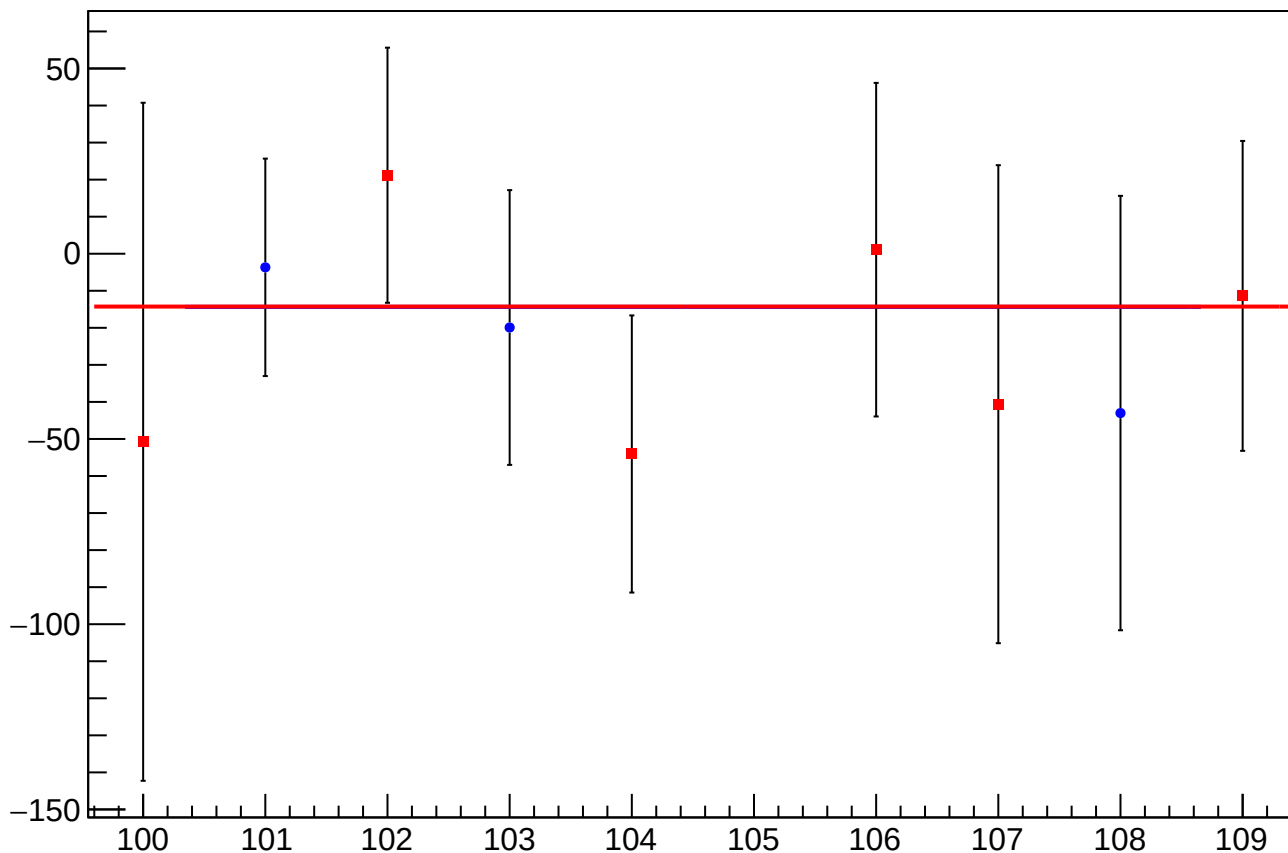
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5092.295+/-2.101 χ^2/NDF : 1385270.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_mean vs Slug



Right In: -14.345+/-21.421 χ^2 /NDF: 0.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -14.264+/-18.309 χ^2 /NDF: 2.6/5

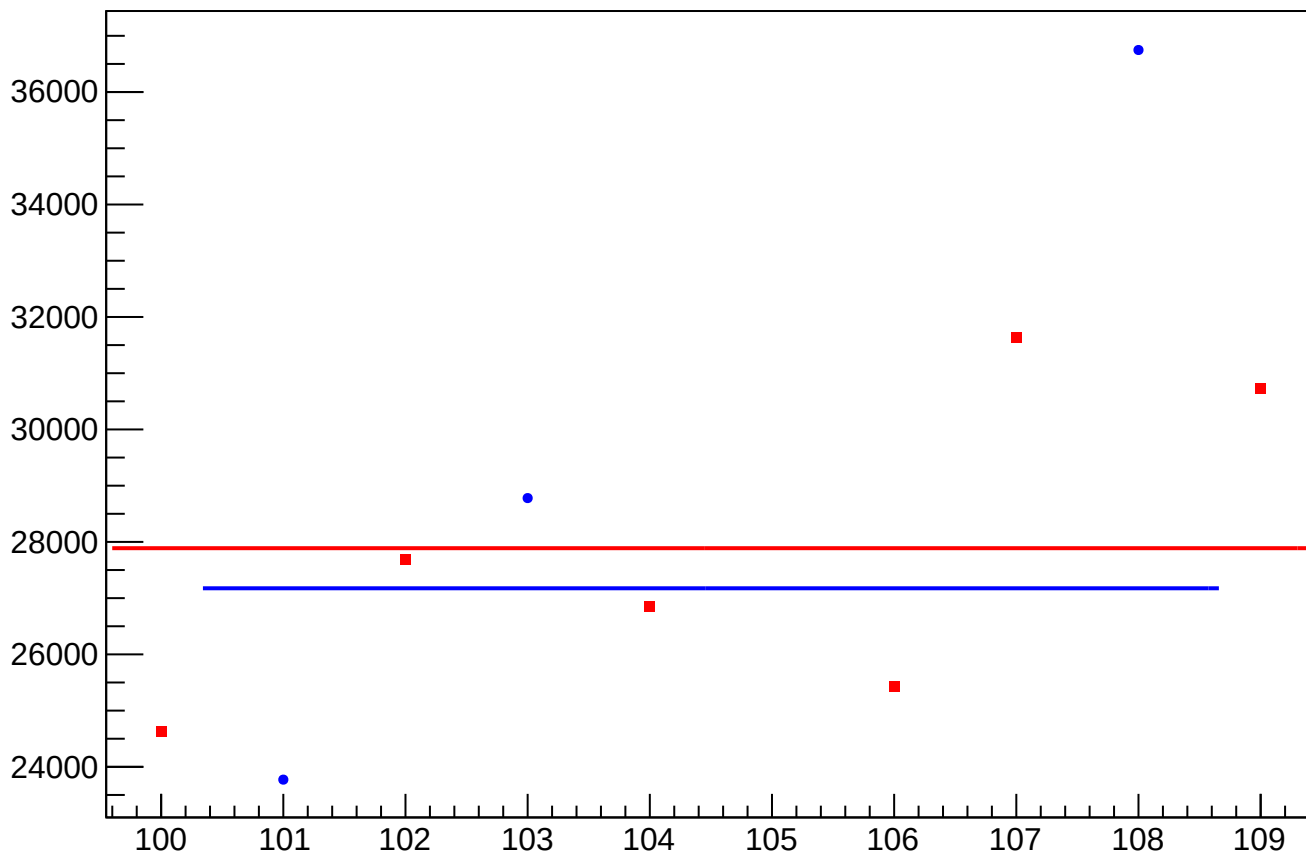
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -14.298+/-13.918 χ^2 /NDF: 3.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm12X_rms vs Slug



Right In: 27175.340+/-15.147 χ^2/NDF : 83948.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

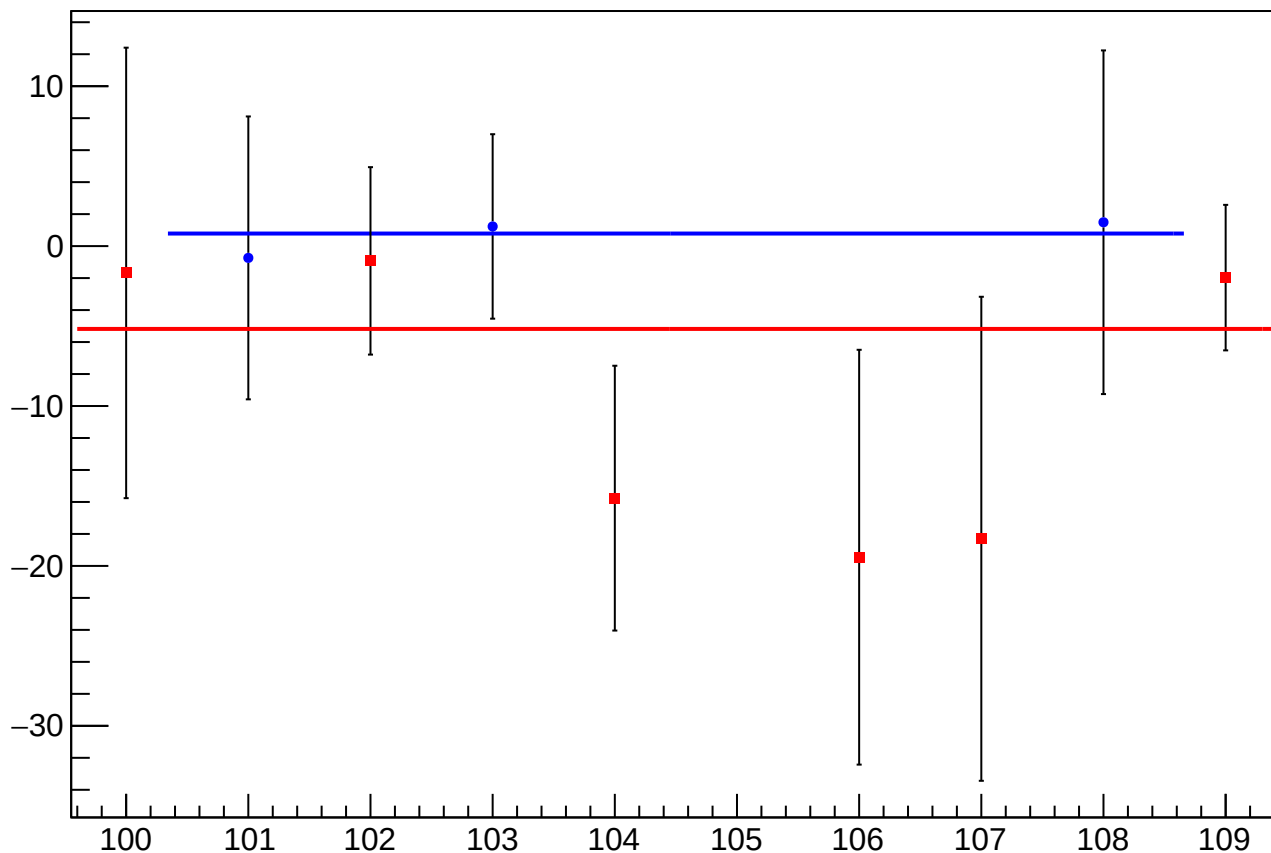
Right Out: 27888.351+/-12.947 χ^2/NDF : 26083.4/5

All: 27587.348+/-9.841 χ^2/NDF : 111312.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_mean vs Slug



Right In: 0.785+/-4.406 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.179+/-3.052 χ^2/NDF : 4.7/5

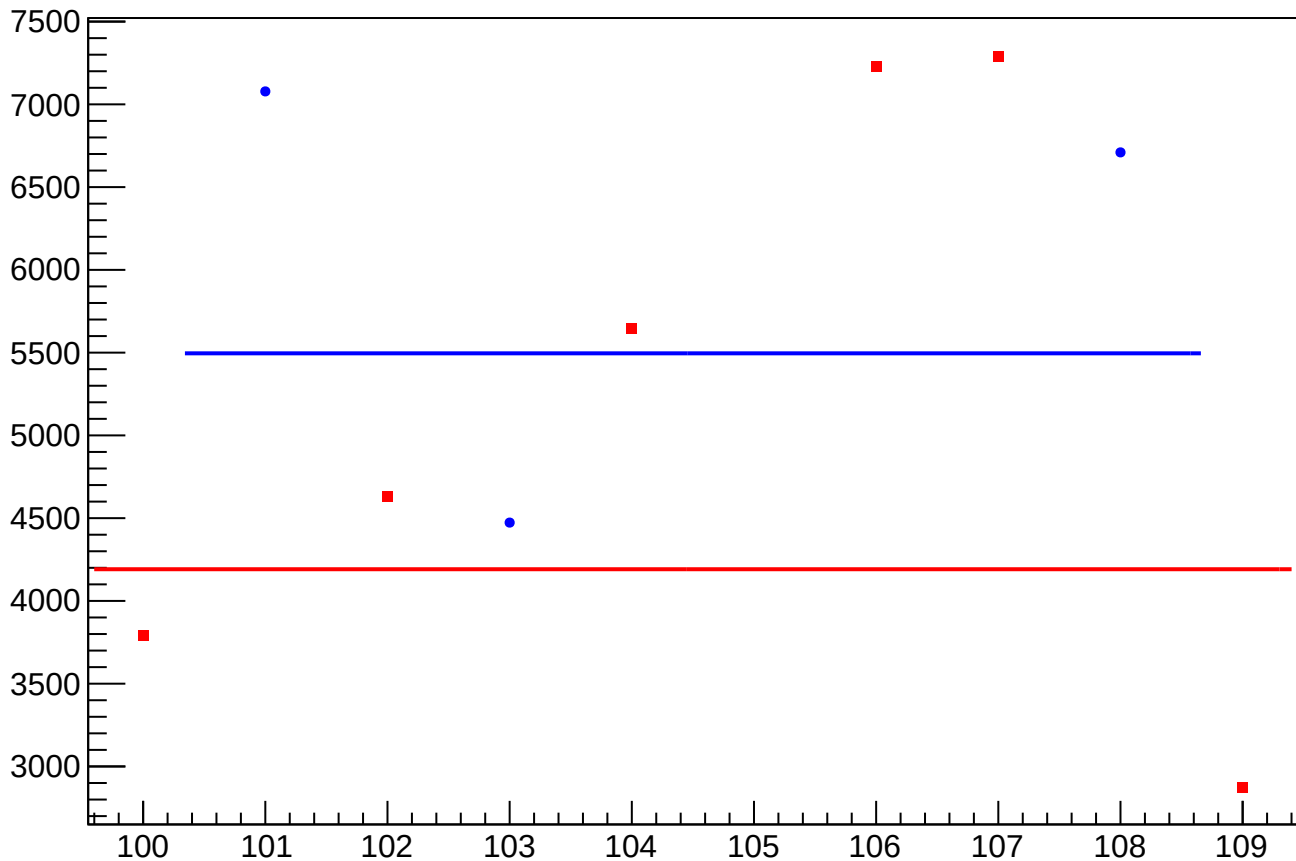
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.246+/-2.509 χ^2/NDF : 6.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_rms vs Slug



Right In: 5495.815 $\pm$ 3.116 χ^2 /NDF: 152409.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4191.487 $\pm$ 2.158 χ^2 /NDF: 436022.2/5

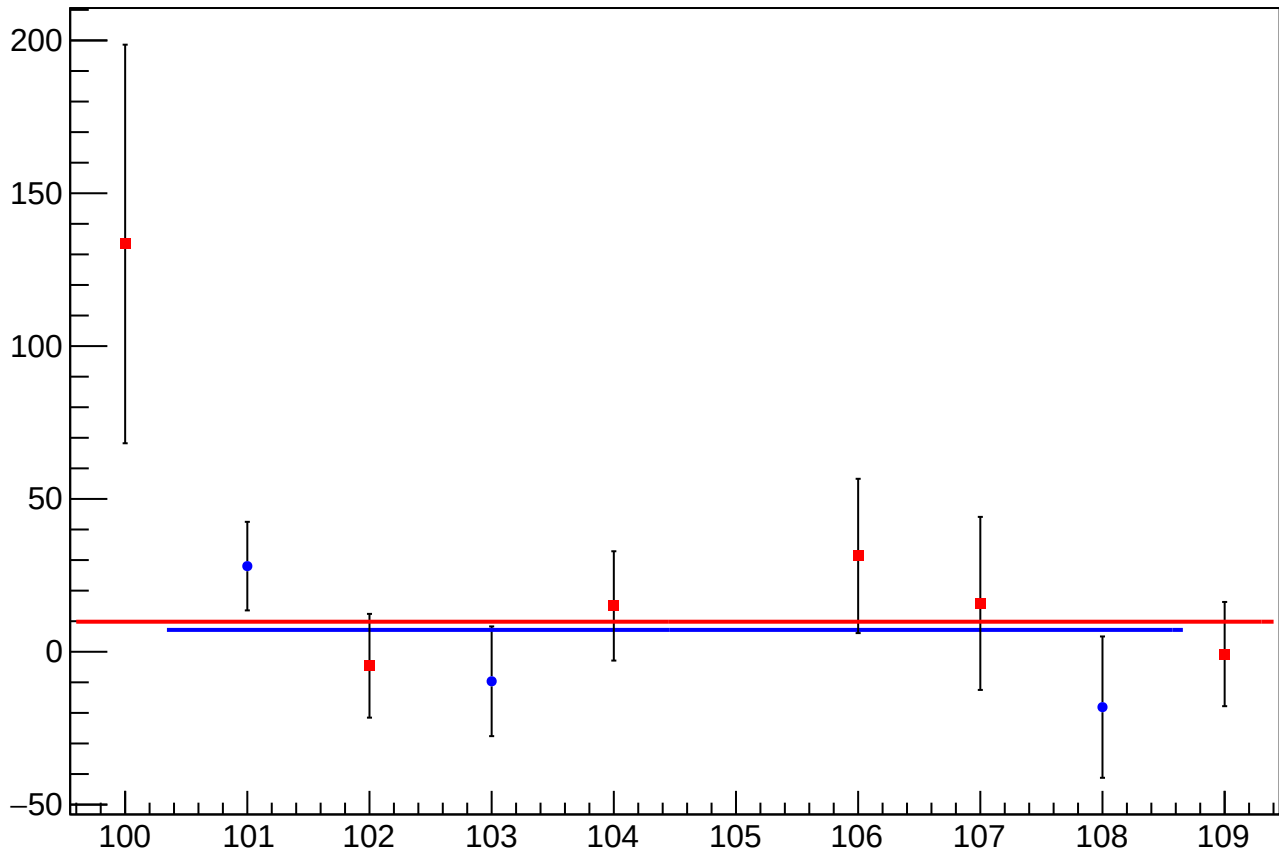
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4614.359 $\pm$ 1.774 χ^2 /NDF: 706856.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm16X_mean vs Slug



Right In: 7.153+/-10.133 χ^2/NDF : 4.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.835+/-8.740 χ^2/NDF : 5.6/5

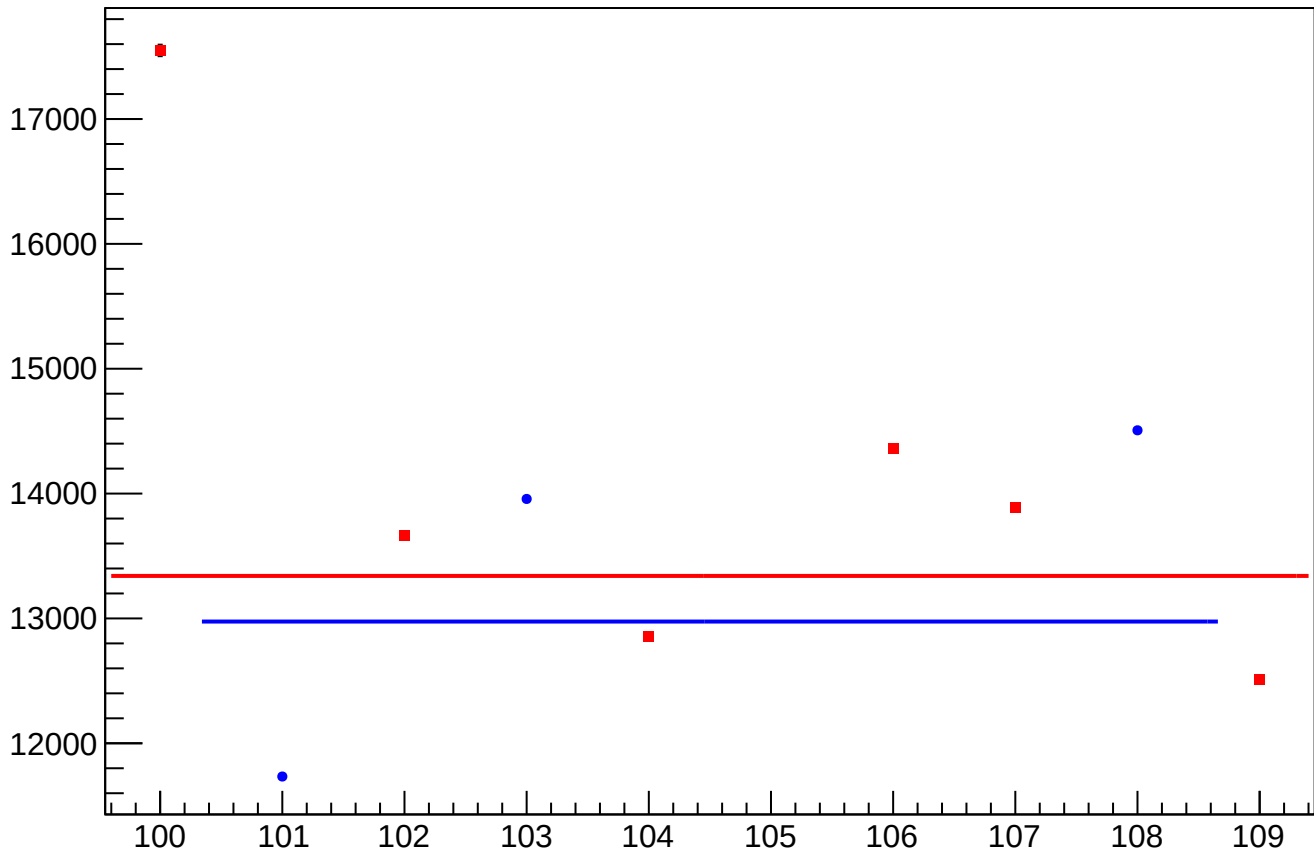
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.691+/-6.618 χ^2/NDF : 9.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16X_rms vs Slug



Right In: 12975.025+/-7.165 χ^2/NDF : 29449.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13340.478+/-6.180 χ^2/NDF : 19284.1/5

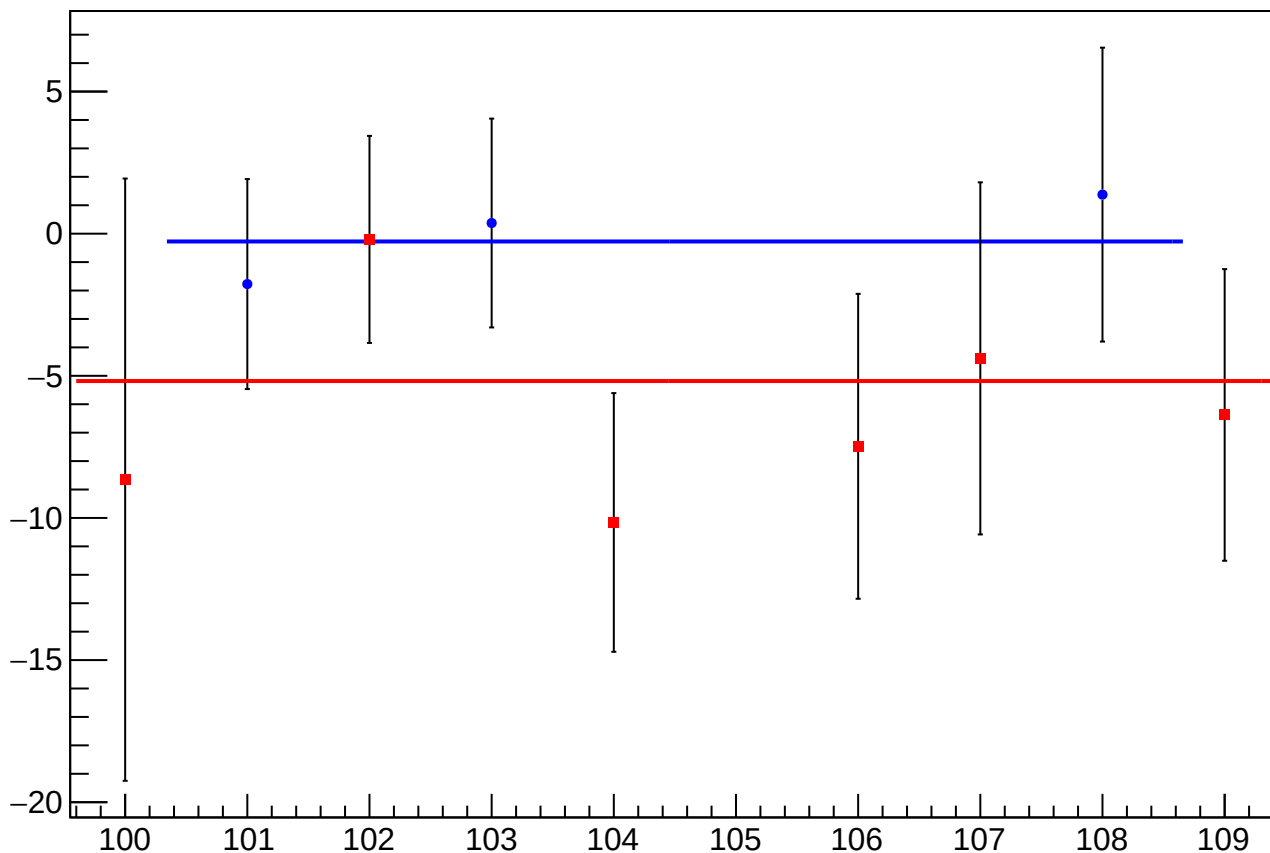
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13184.581+/-4.680 χ^2/NDF : 50225.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_mean vs Slug



Right In: -0.274 ± 2.326 χ^2/NDF : 0.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.184 ± 2.079 χ^2/NDF : 3.4/5

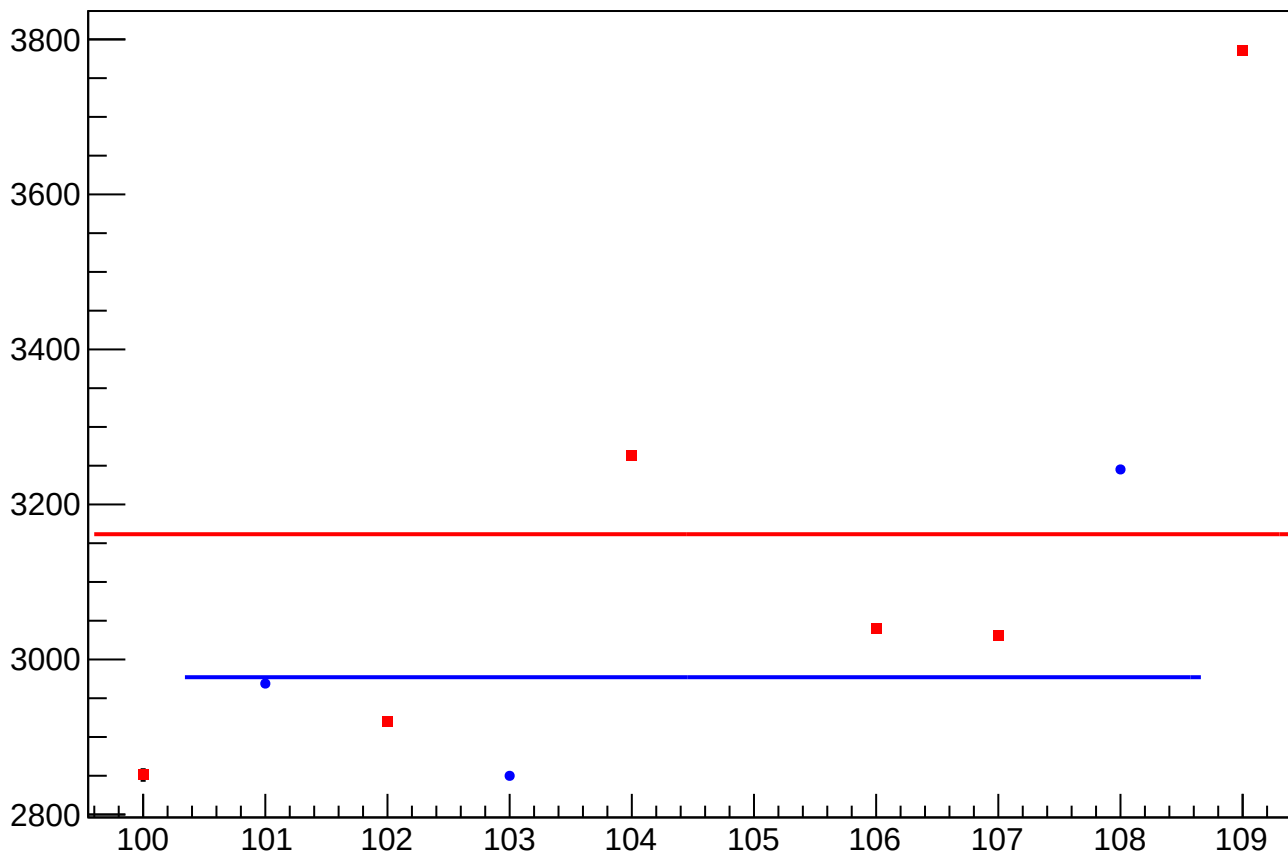
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.004 ± 1.550 χ^2/NDF : 6.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_rms vs Slug



Right In: 2977.127 $\pm$ 1.645 χ^2 /NDF: 7787.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3161.612 $\pm$ 1.470 χ^2 /NDF: 43003.9/5

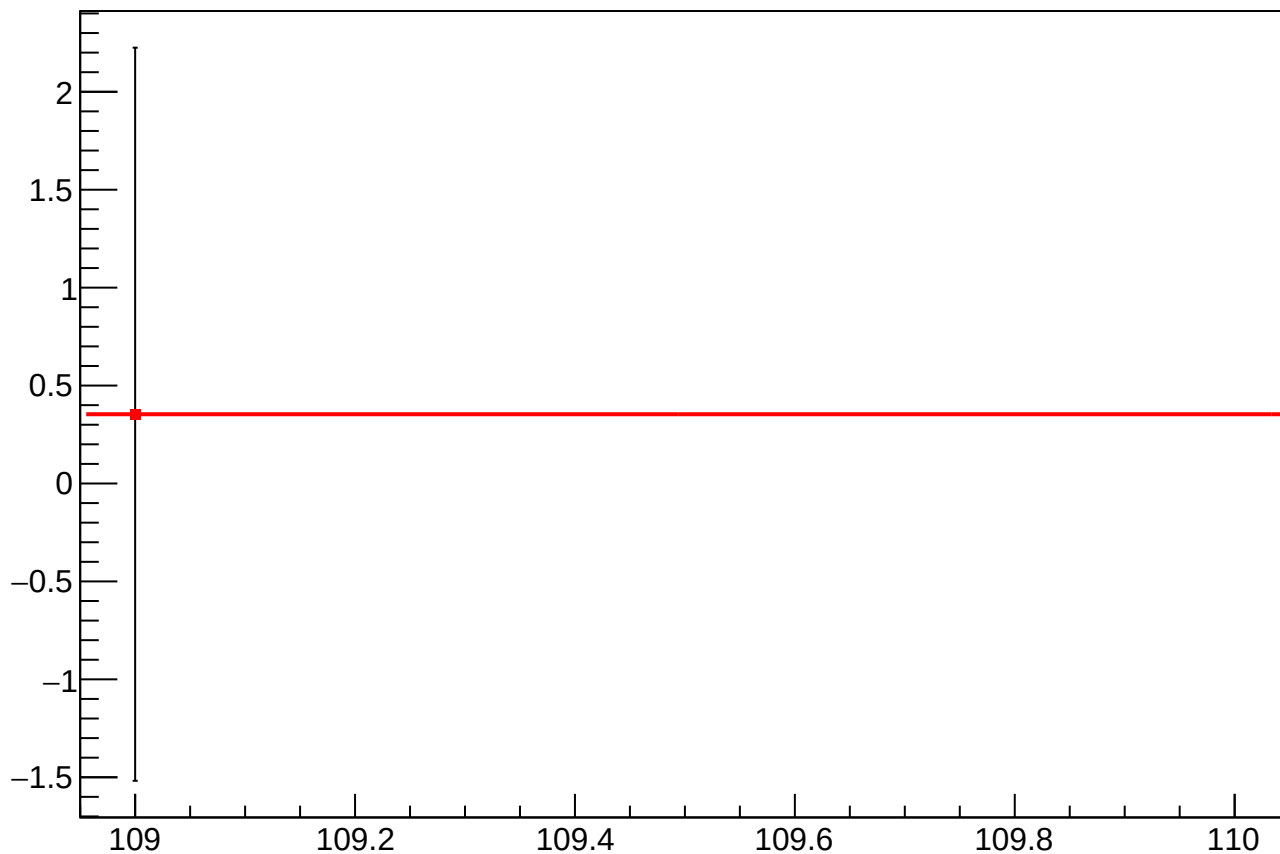
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3079.702 $\pm$ 1.096 χ^2 /NDF: 57786.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bX_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.354 $\pm$ 1.872 χ^2/NDF : 0.0/0

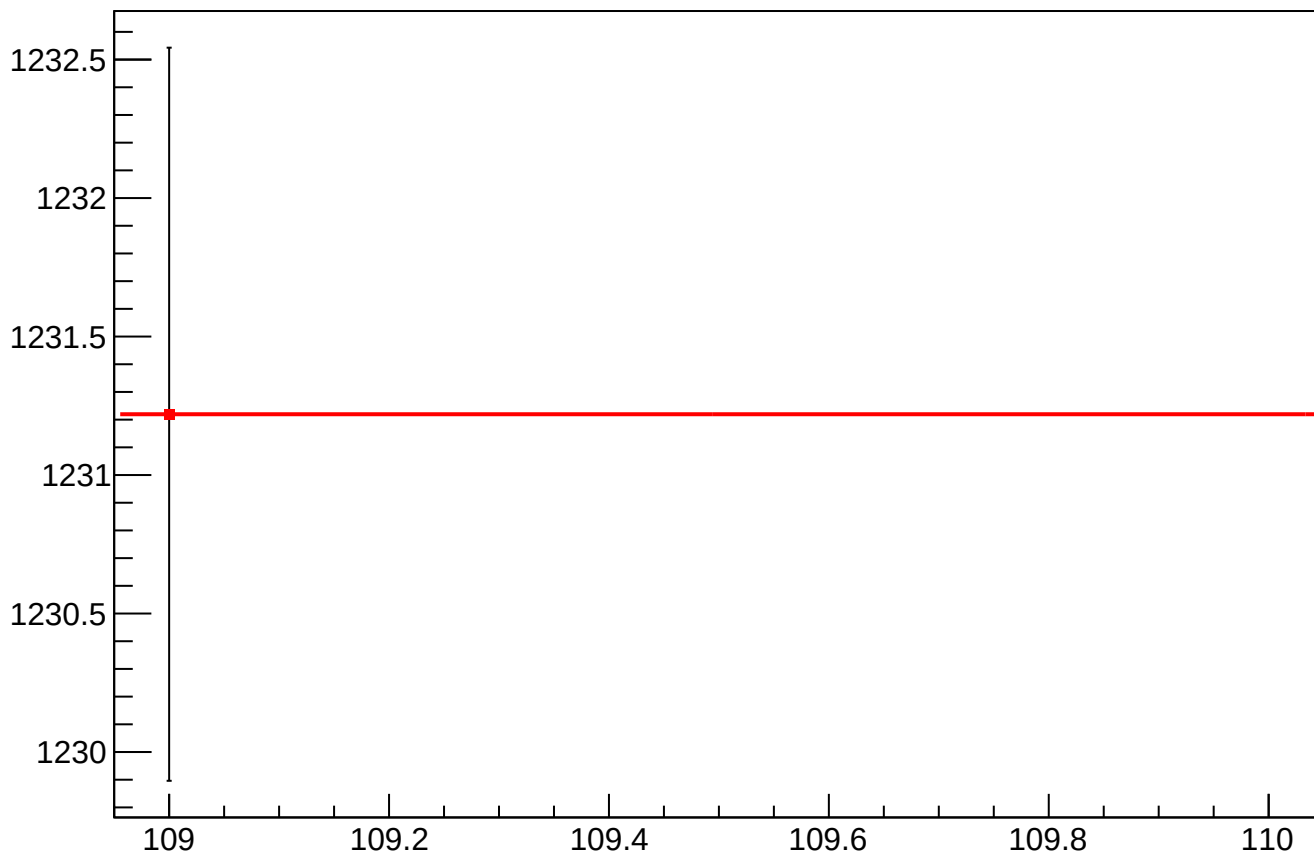
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.354 $\pm$ 1.872 χ^2/NDF : 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1231.220 $\pm$ 1.323 χ^2/NDF : 0.0/0

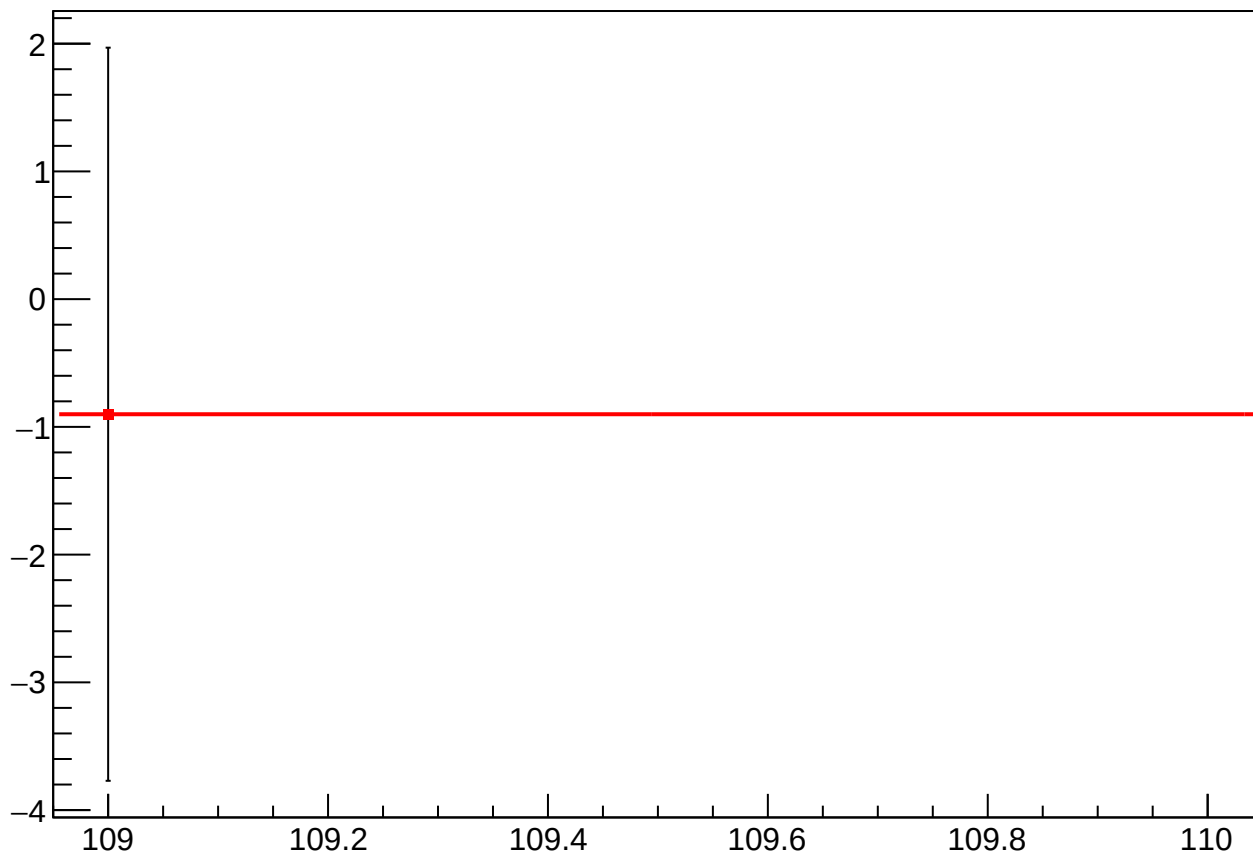
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1231.220 $\pm$ 1.323 χ^2/NDF : 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.901 $\pm$ 2.870 χ^2 /NDF: 0.0/0

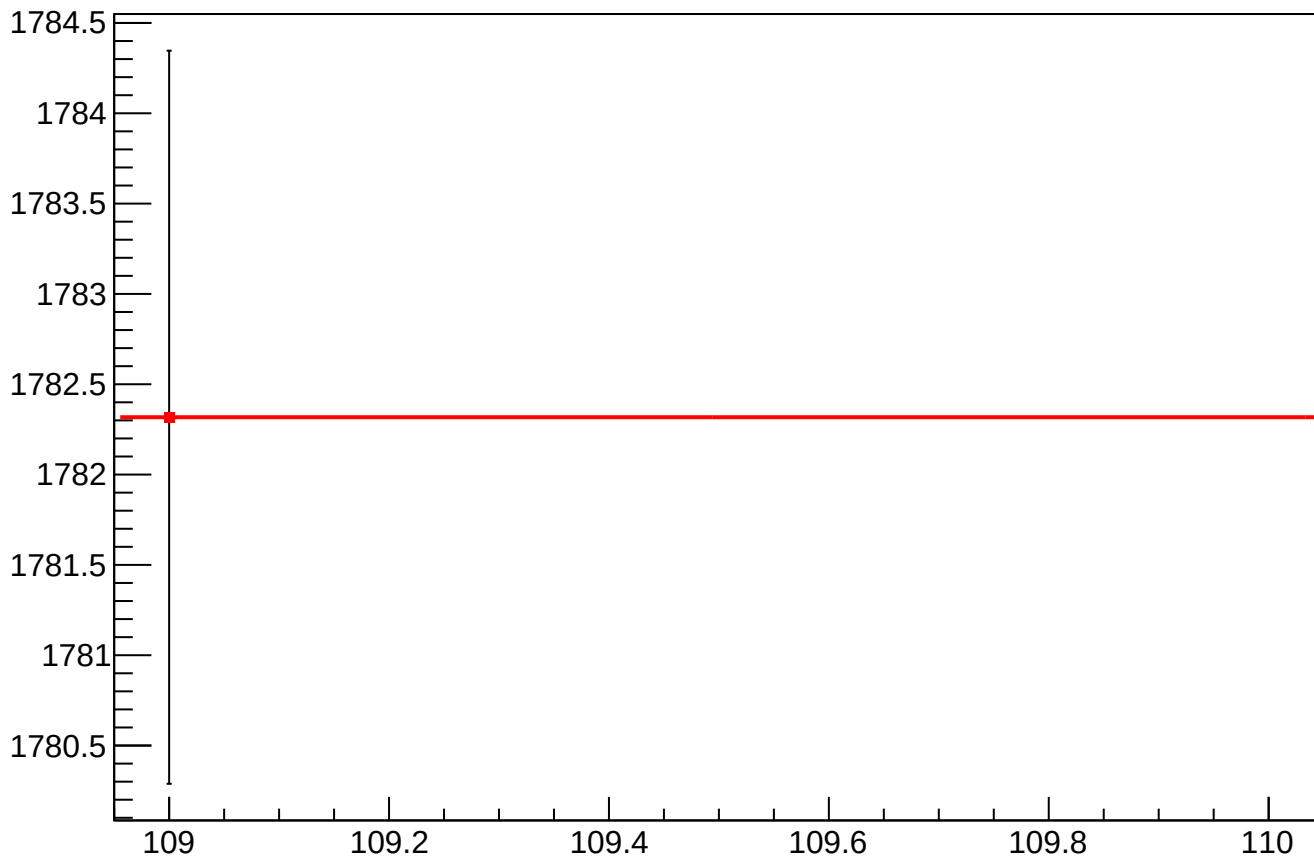
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.901 $\pm$ 2.870 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1782.317 $\pm$ 2.029 χ^2/NDF : 0.0/0

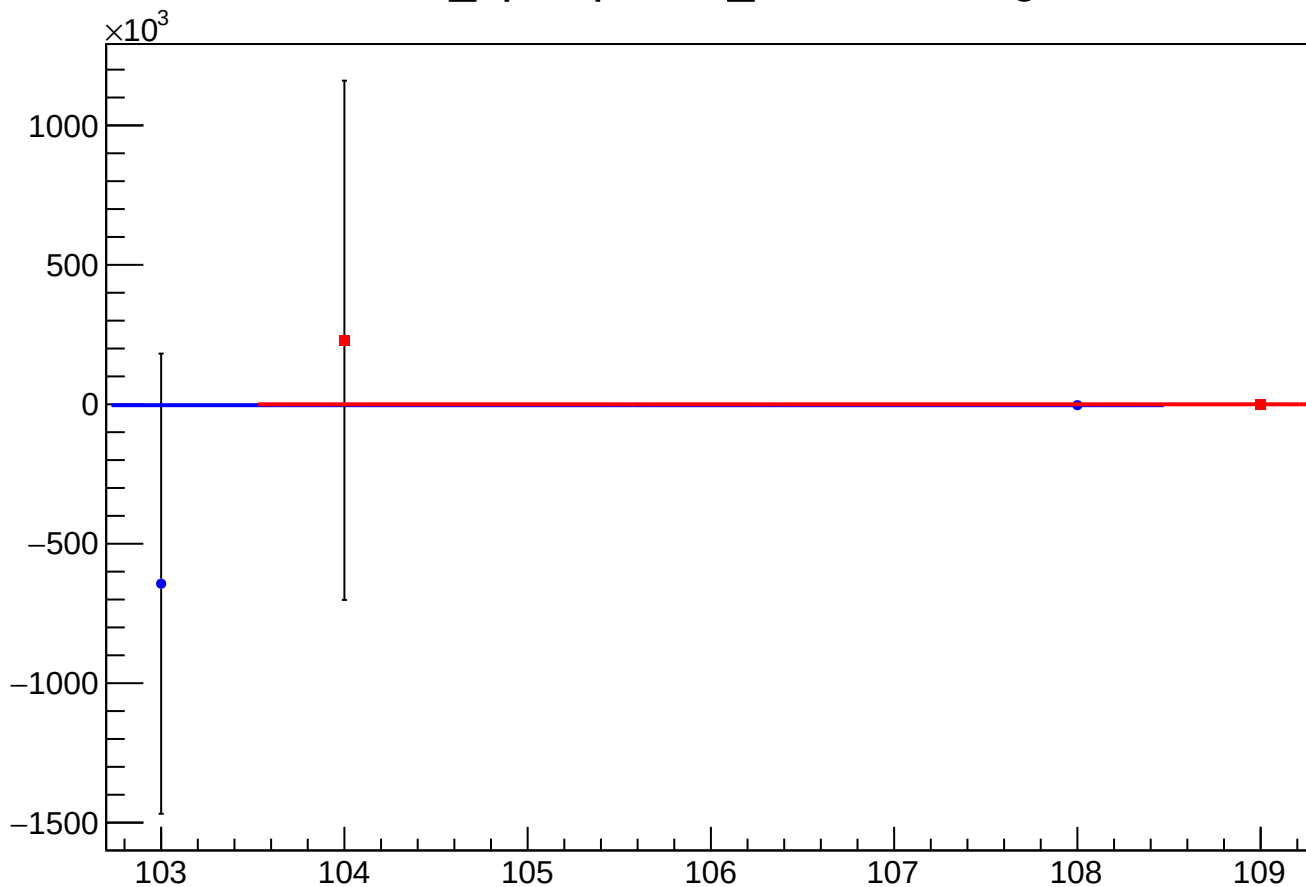
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1782.317 $\pm$ 2.029 χ^2/NDF : 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug



Right In: -3167.756 $\pm$ 2718.119 χ^2 /NDF: 0.6/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.827 $\pm$ 4.108 χ^2 /NDF: 0.1/1

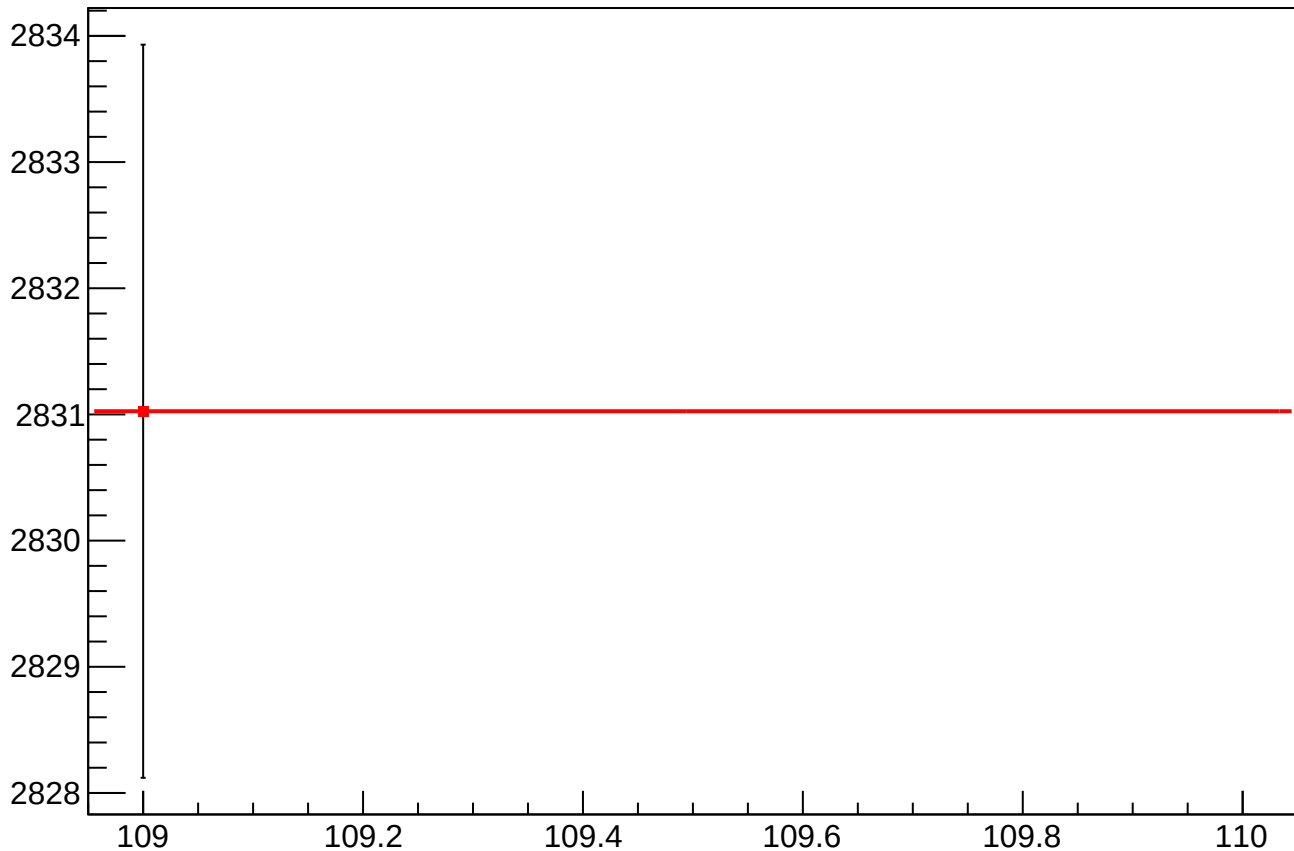
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.834 $\pm$ 4.108 χ^2 /NDF: 2.0/3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2831.025 ± 2.905 χ^2/NDF : 0.0/0

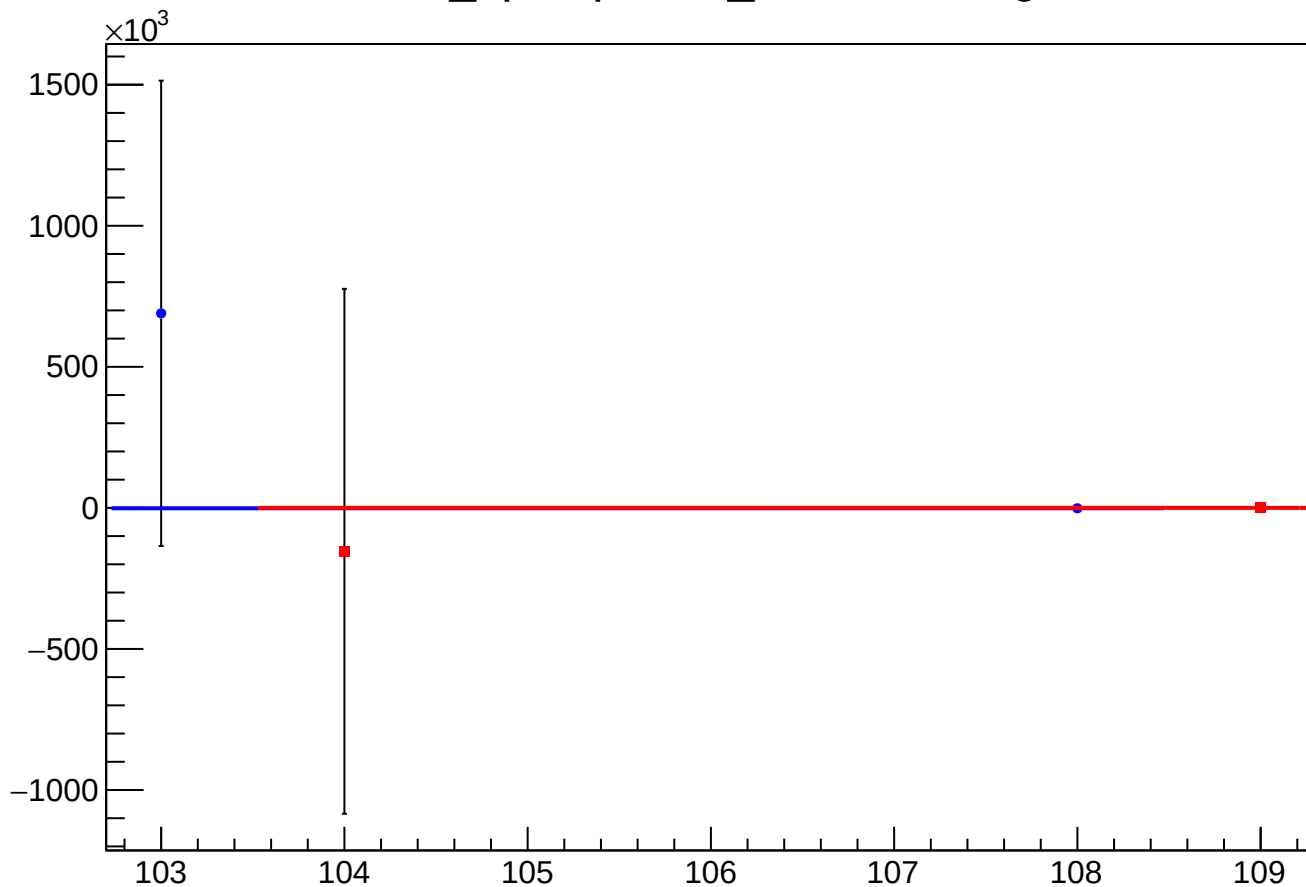
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2831.025 ± 2.905 χ^2/NDF : 0.0/0

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug



Right In: -1402.441 $\pm$ 2720.021 χ^2 /NDF: 0.7/1

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.352 $\pm$ 2.373 χ^2 /NDF: 0.0/1

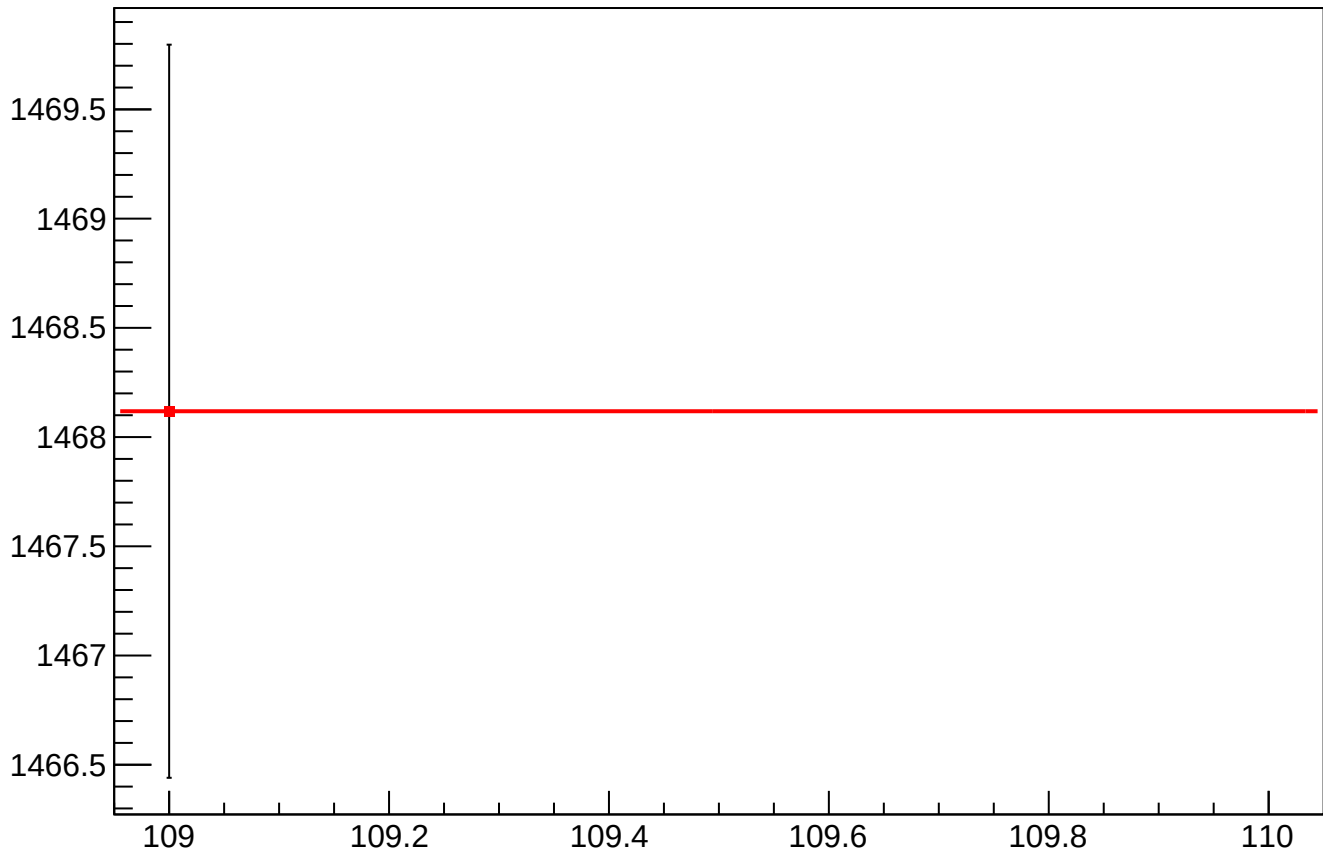
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.353 $\pm$ 2.373 χ^2 /NDF: 1.0/3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1468.118+/-1.678 χ^2/NDF : 0.0/0

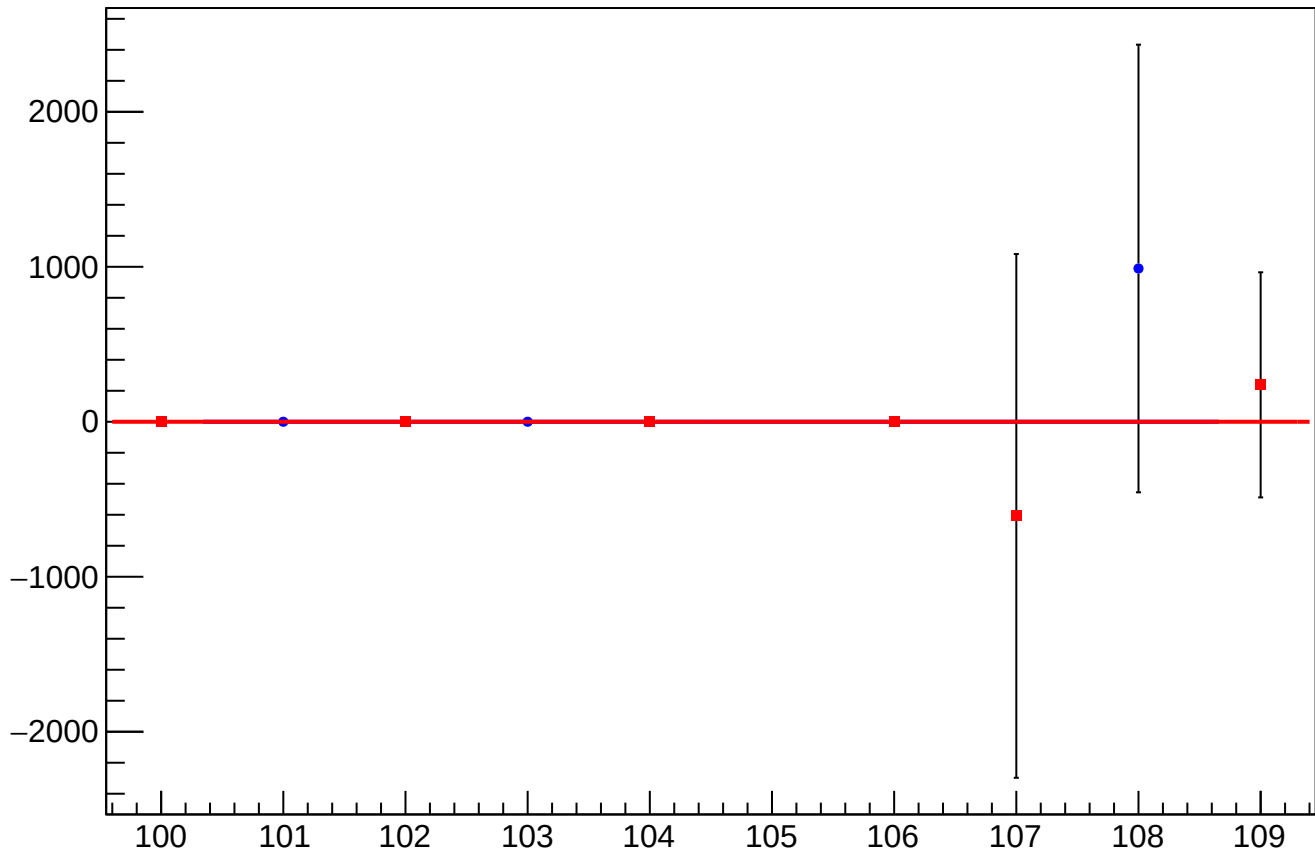
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1468.118+/-1.678 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_mean vs Slug



Right In: 0.256+/-0.356 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.328 χ^2/NDF : 3.7/5

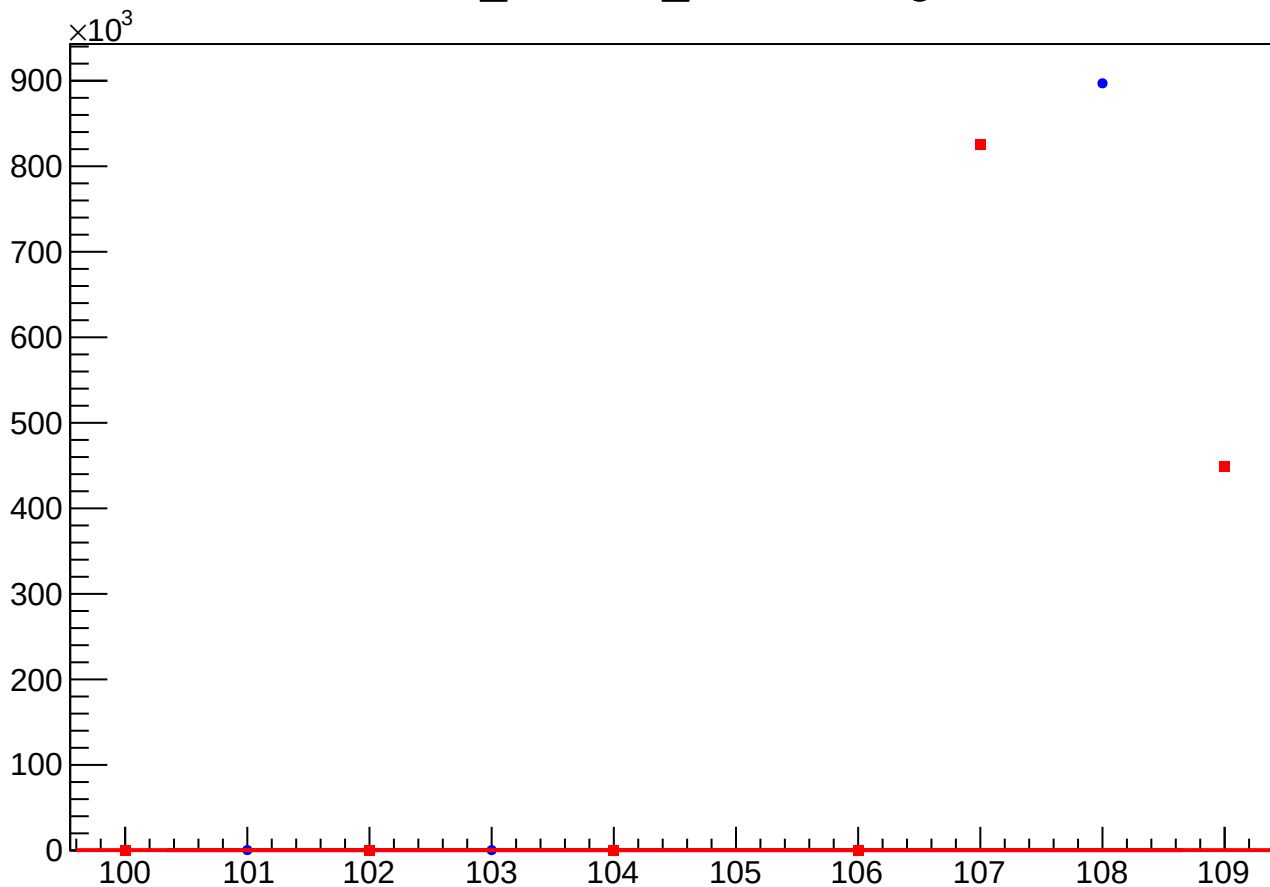
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.170+/-0.241 χ^2/NDF : 4.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_rms vs Slug



Right In: 398.228 $\pm$ 0.251 χ^2/NDF : 744917.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 392.797 $\pm$ 0.232 χ^2/NDF : 1222335.9/5

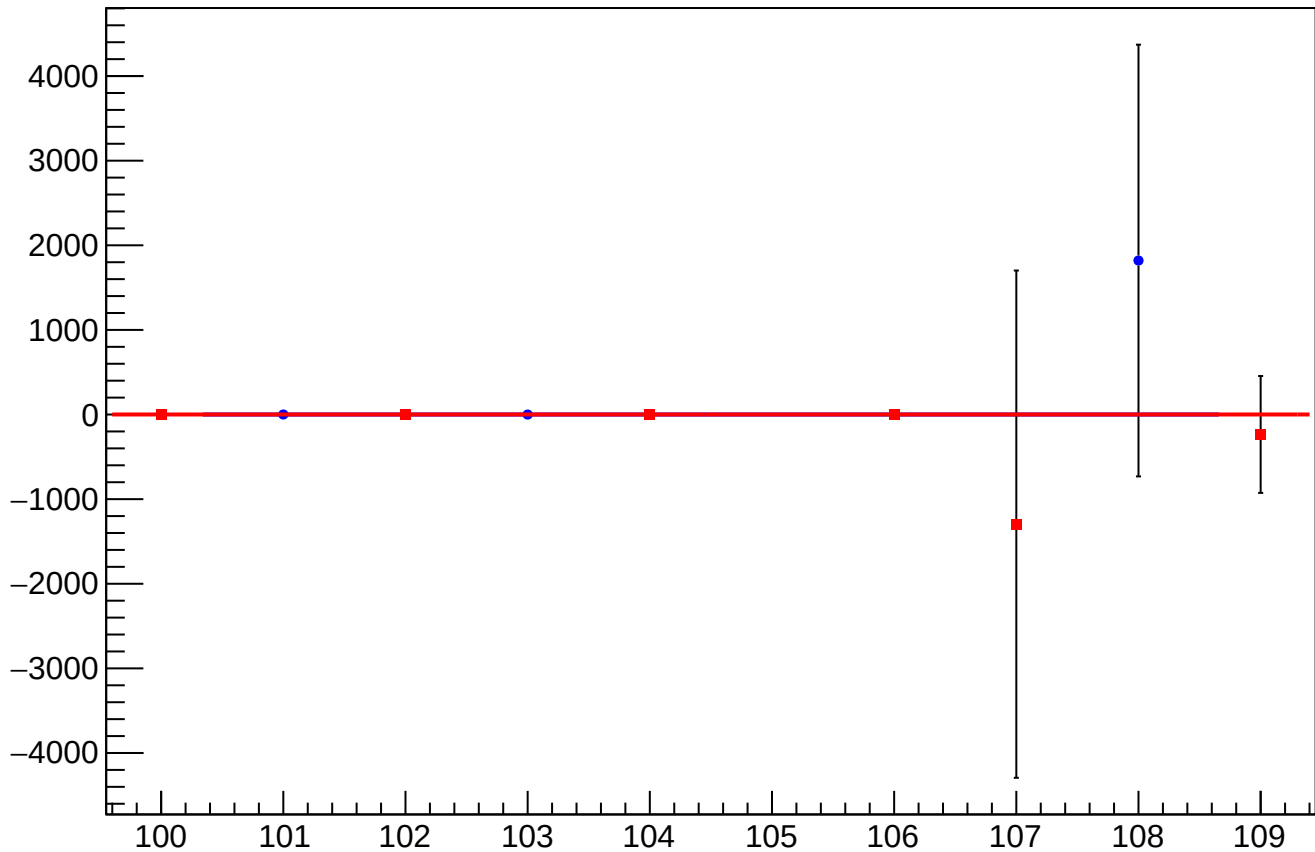
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.291 $\pm$ 0.170 χ^2/NDF : 1967506.1/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4bY_mean vs Slug



Right In: -0.020+/-0.347 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.598+/-0.324 χ^2/NDF : 0.4/5

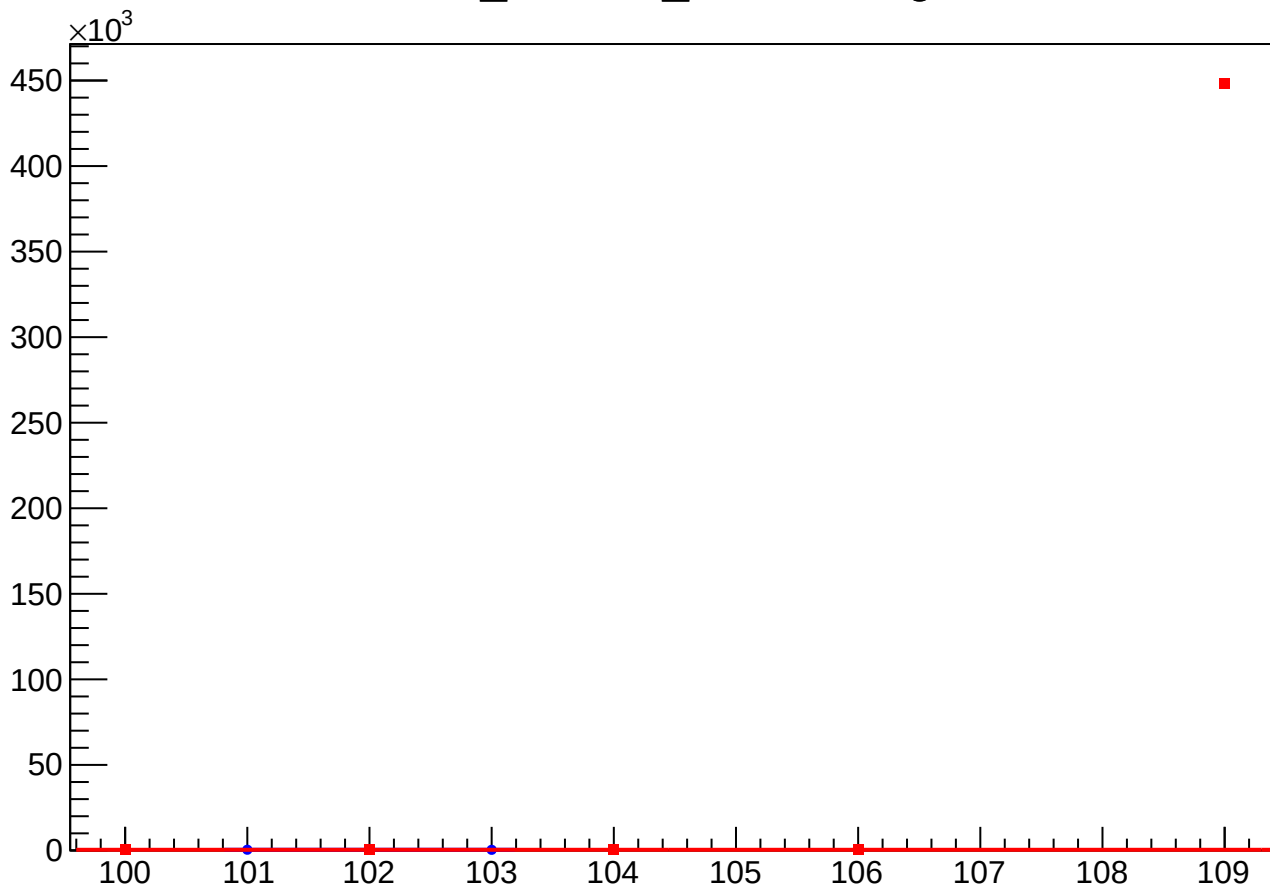
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.311+/-0.237 χ^2/NDF : 3.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bY_rms vs Slug



Right In: 388.666 ± 0.245 χ^2/NDF : 12641.9/1

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 386.673 ± 0.229 χ^2/NDF : 841527.7/4

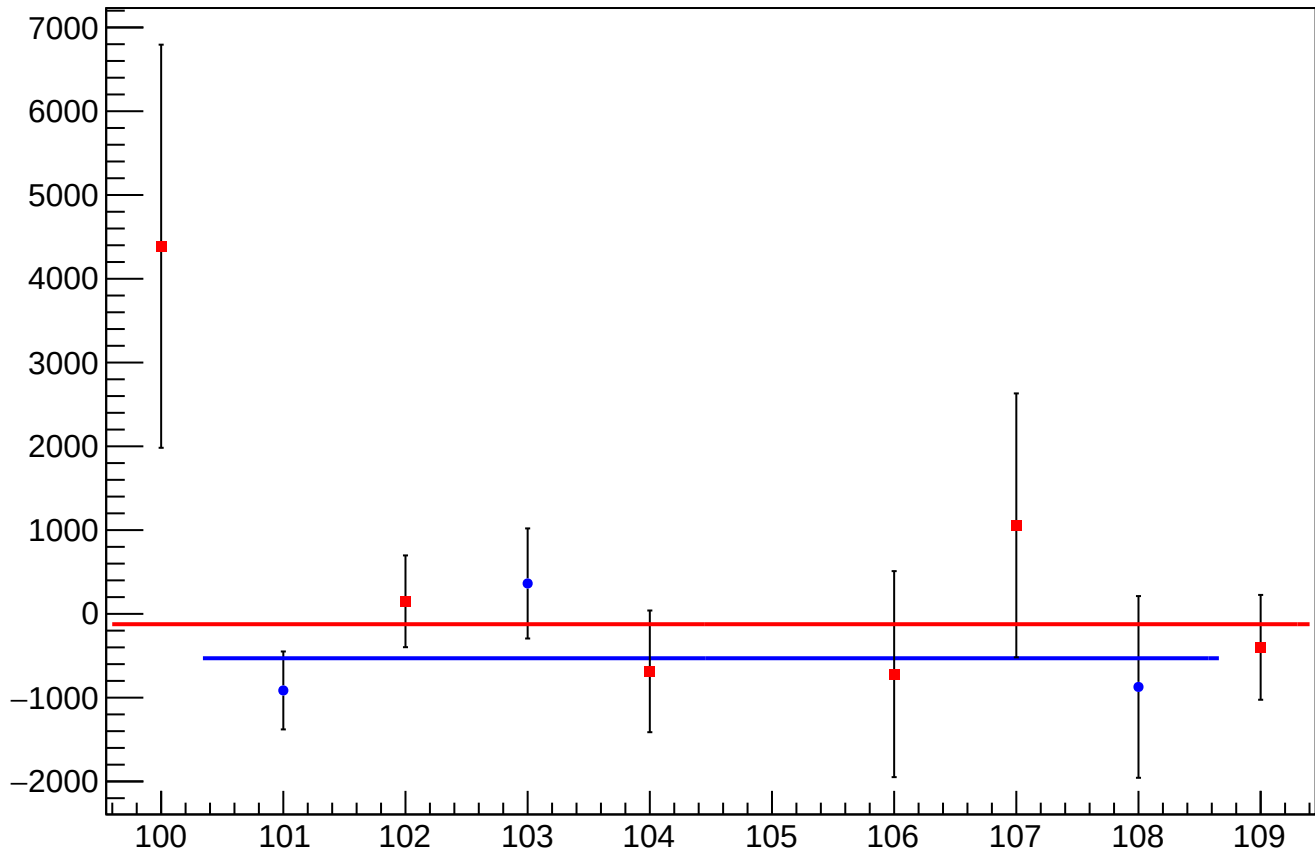
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 387.600 ± 0.167 χ^2/NDF : 854204.8/6

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



Right In: -529.642+/-358.318 χ^2 /NDF: 2.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -123.352+/-332.950 χ^2 /NDF: 5.4/5

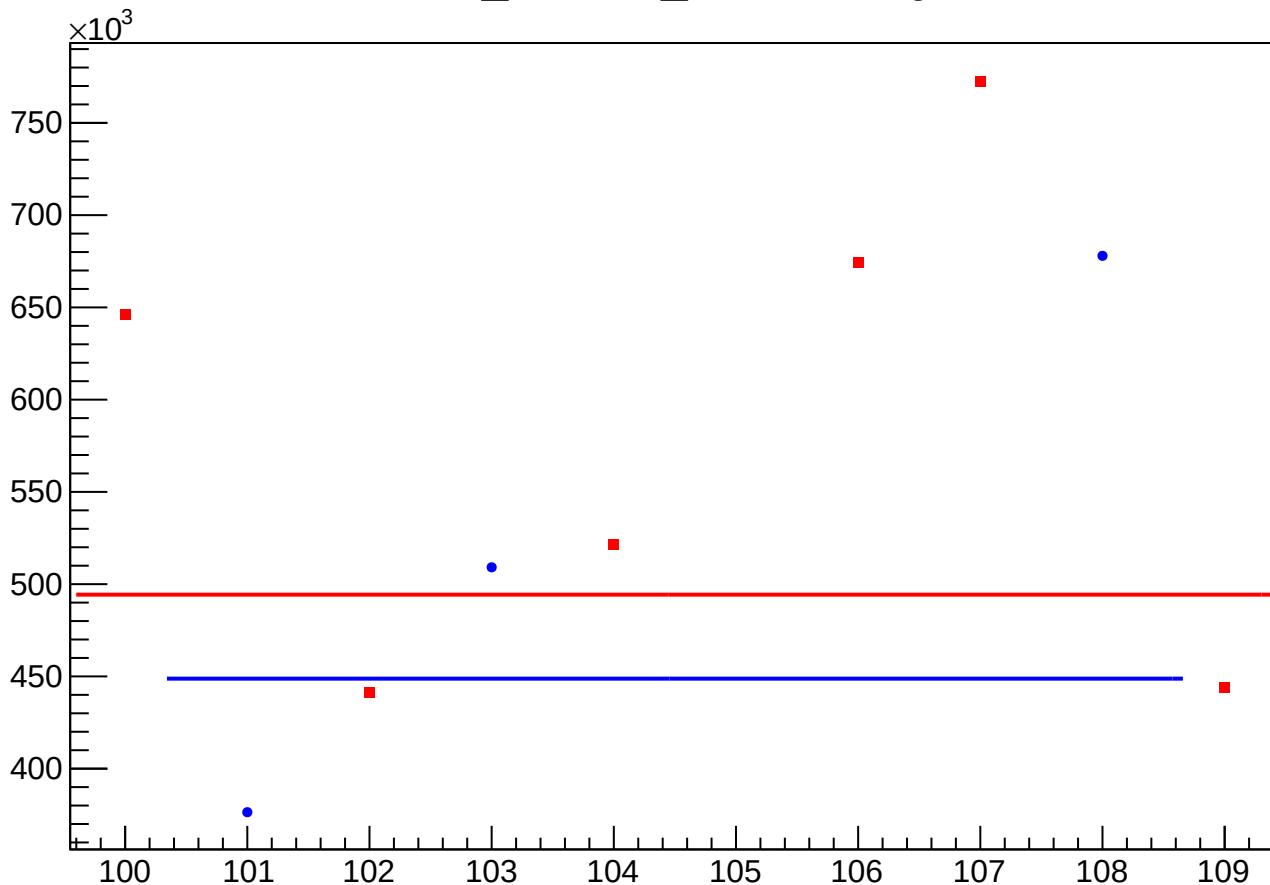
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -311.607+/-243.907 χ^2 /NDF: 8.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_cav4cX_rms vs Slug



Right In: 448787.054+/-253.369 χ^2/NDF : 154606.3/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

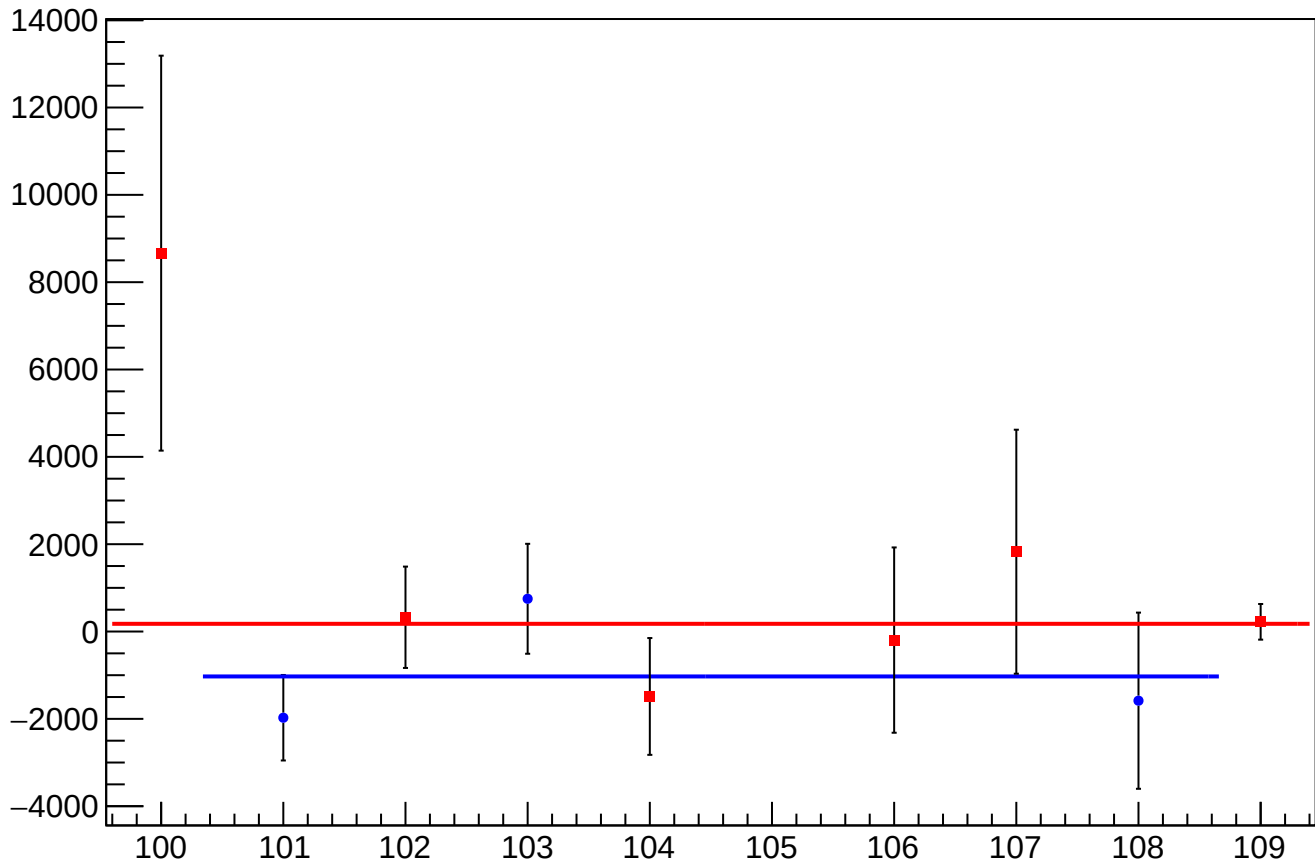
Right Out: 494313.054+/-235.701 χ^2/NDF : 146486.3/5

All: 473192.548+/-172.574 χ^2/NDF : 318400.0/10

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4cY_mean vs Slug



Right In: -1028.714 $\pm$ 721.685 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 176.532 $\pm$ 360.340 χ^2 /NDF: 5.5/5

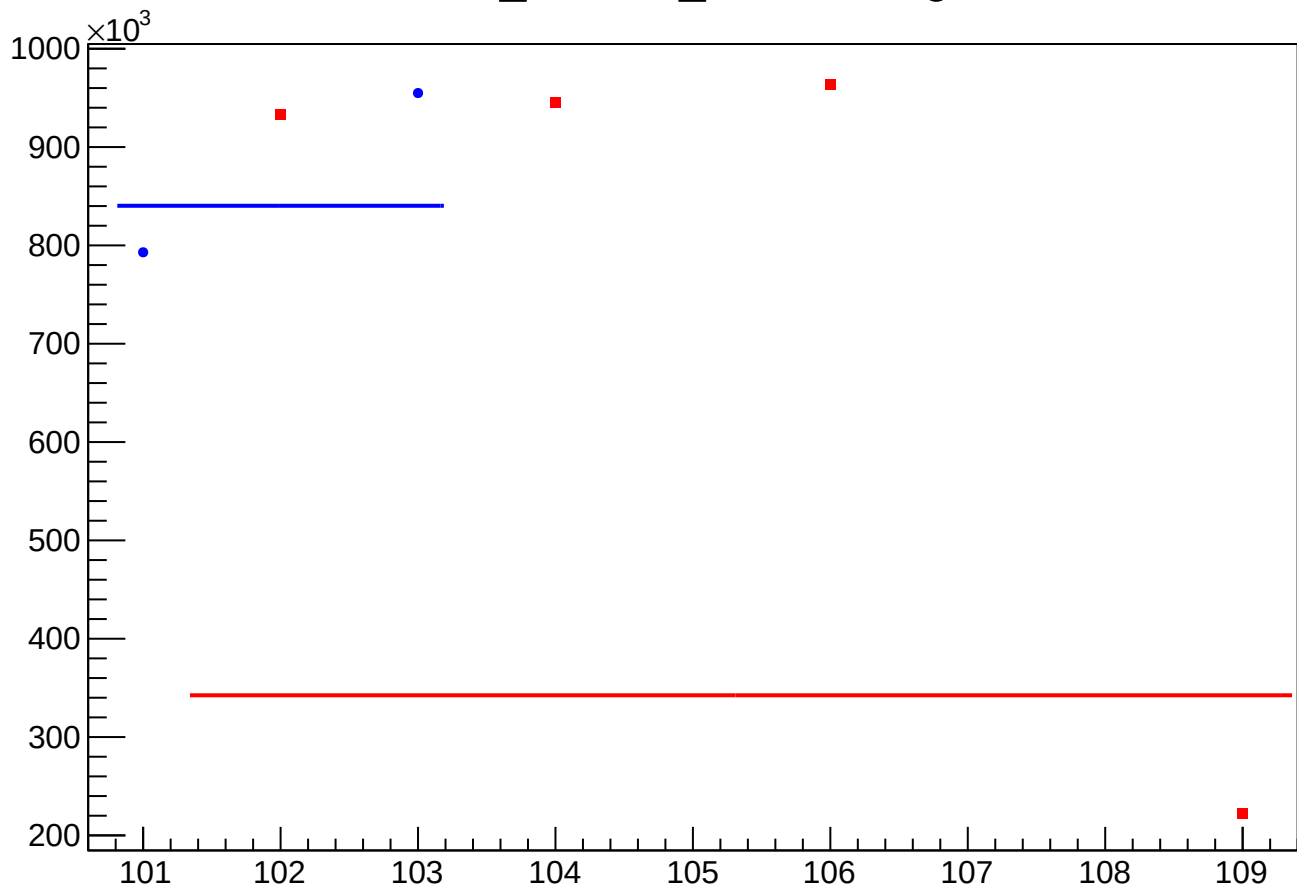
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -63.980 $\pm$ 322.387 χ^2 /NDF: 10.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4cY_rms vs Slug



Right In: 840291.994 $\pm$ 582.514 χ^2/NDF : 15982.3/1

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

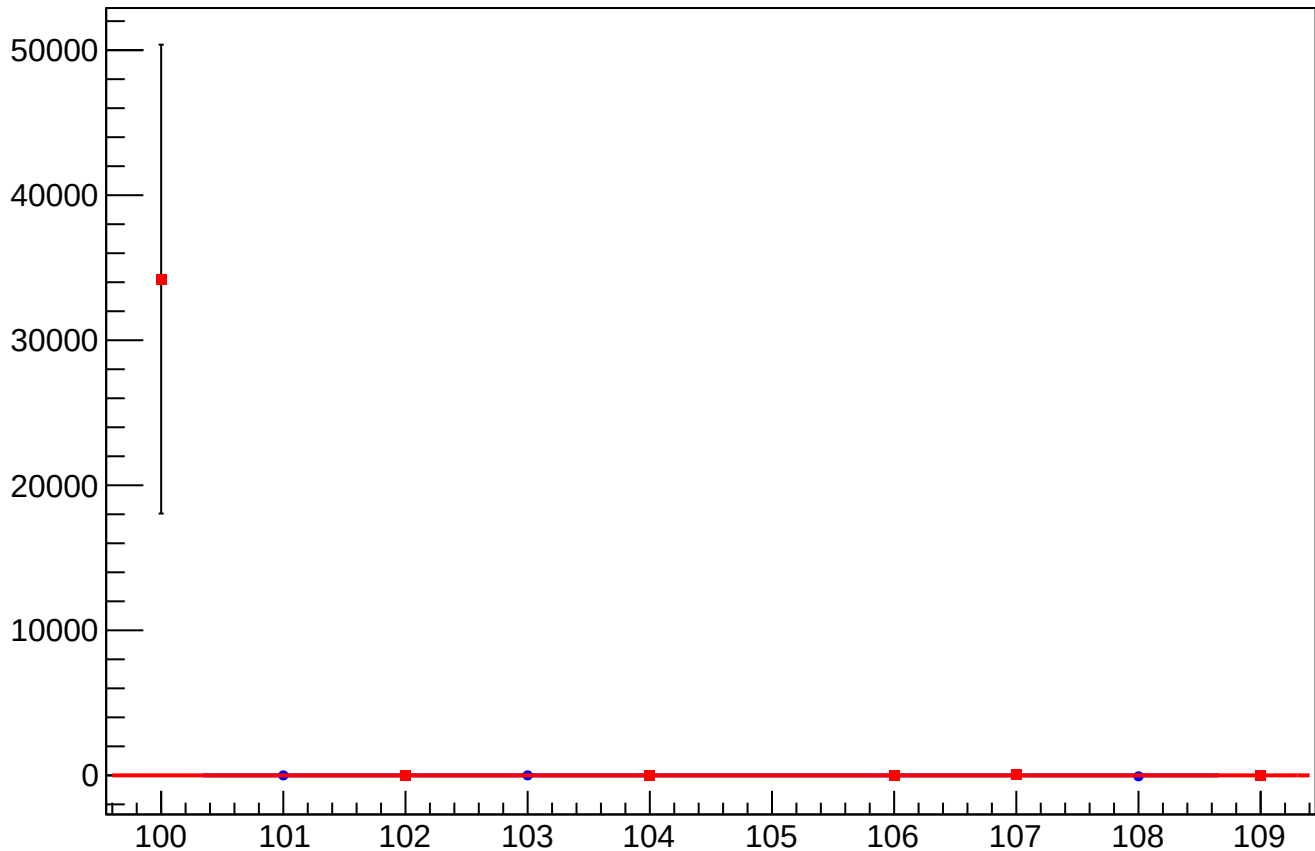
Right Out: 342497.945 $\pm$ 266.246 χ^2/NDF : 1010448.5/3

All: 428519.920 $\pm$ 242.151 χ^2/NDF : 1630510

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_mean vs Slug



Right In: -0.035 ± 0.172 χ^2/NDF : 1.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.160 χ^2/NDF : 5.2/5

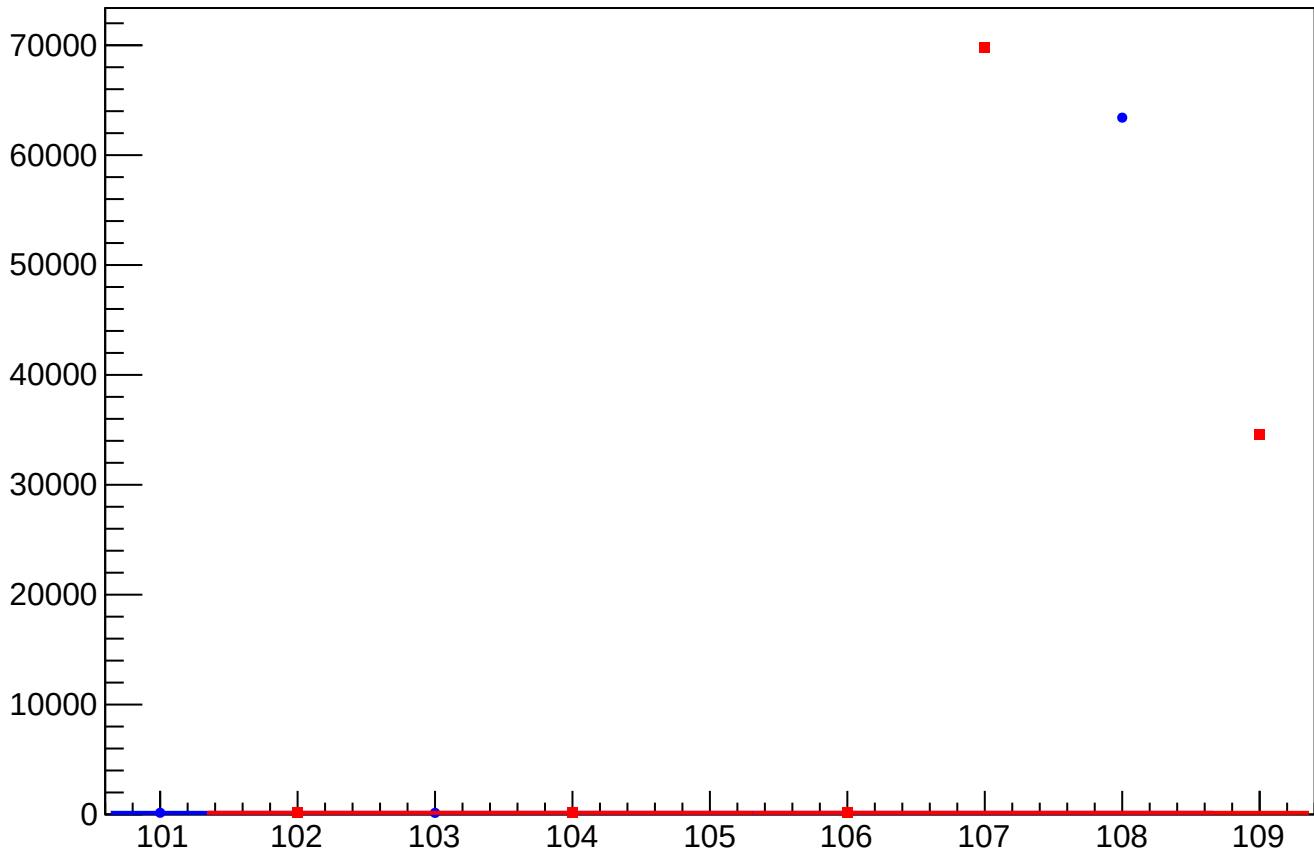
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.206 ± 0.117 χ^2/NDF : 8.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



Right In: 148.467+/-0.122 χ^2/NDF : 779937.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.991+/-0.113 χ^2/NDF : 1083472.1/4

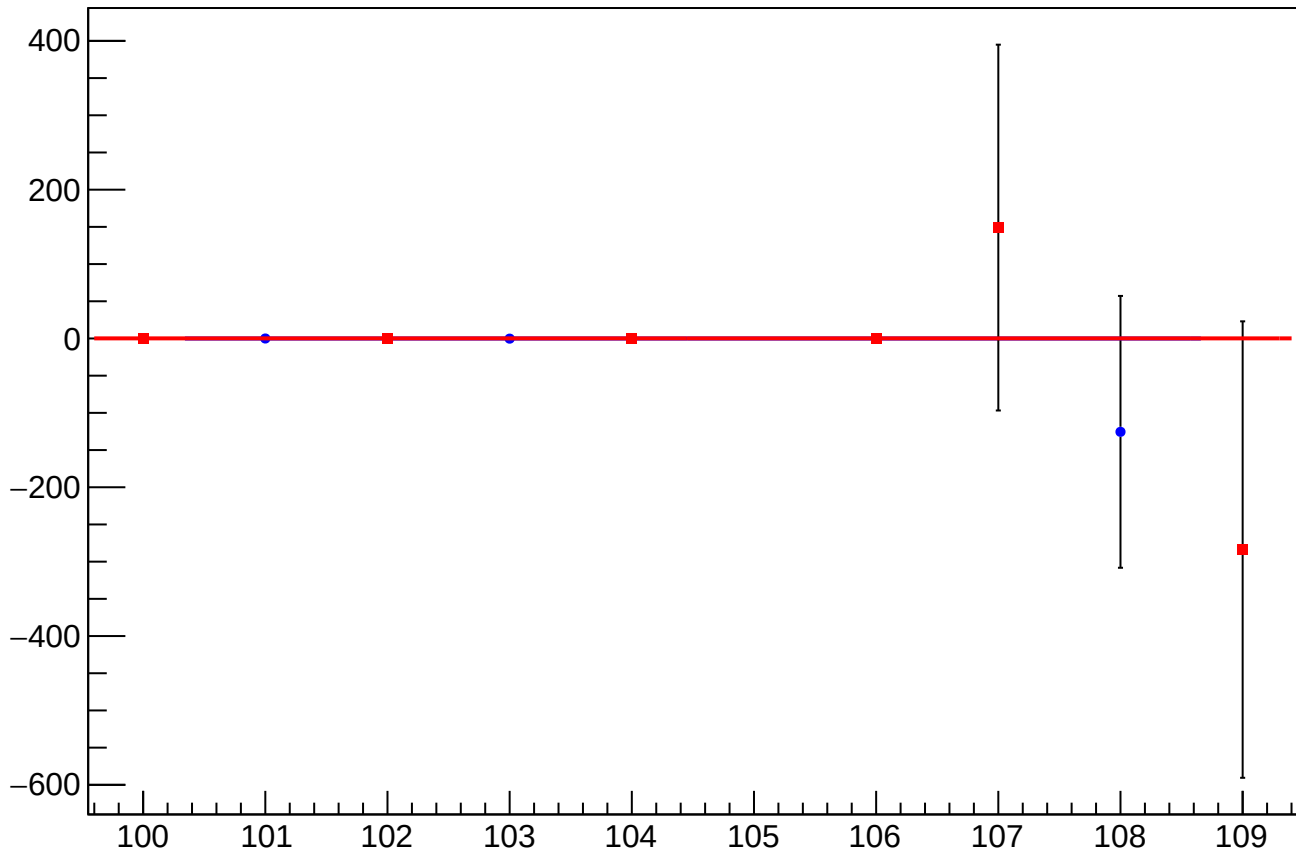
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.748+/-0.083 χ^2/NDF : 1863419.5/7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4dY_mean vs Slug



Right In: -0.068+/-0.177 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.126+/-0.166 χ^2/NDF : 1.4/5

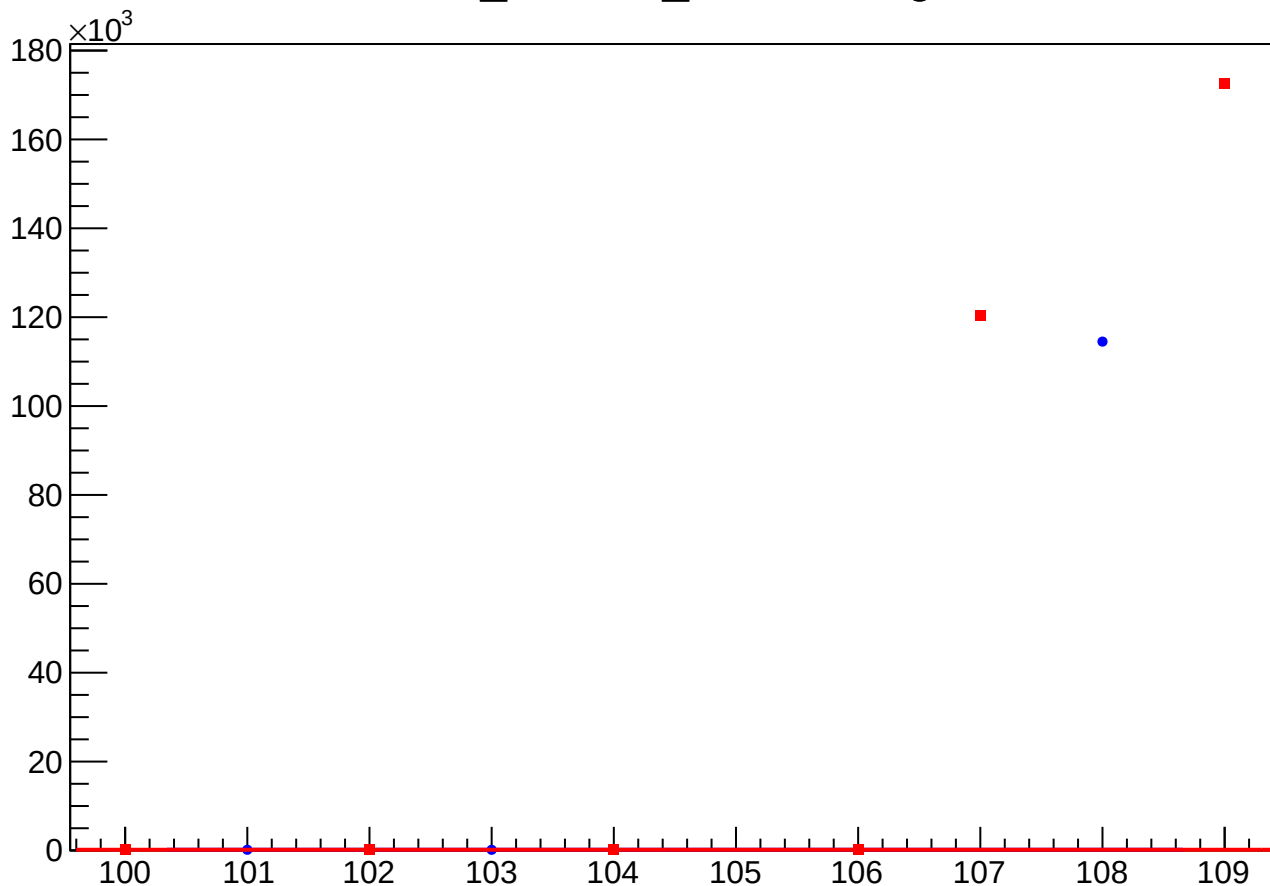
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.121 χ^2/NDF : 2.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4dY_rms vs Slug



Right In: 152.622 $\pm$ 0.125 χ^2/NDF : 784049.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 155.459 $\pm$ 0.118 χ^2/NDF : 1102395.4/5

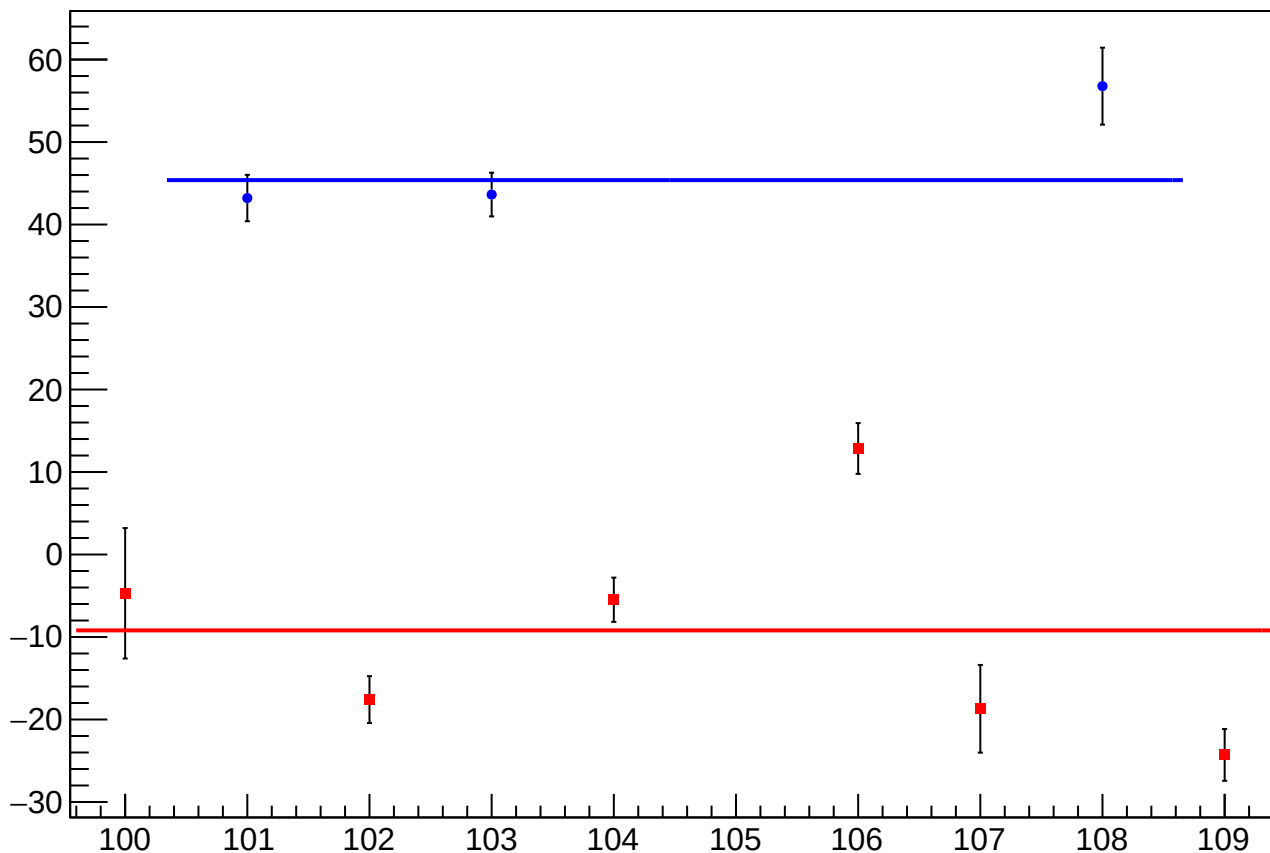
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.129 $\pm$ 0.086 χ^2/NDF : 1886717.3/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug



Right In: 45.382 $\pm$ 1.782 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.198 $\pm$ 1.384 χ^2 /NDF: 88.7/5

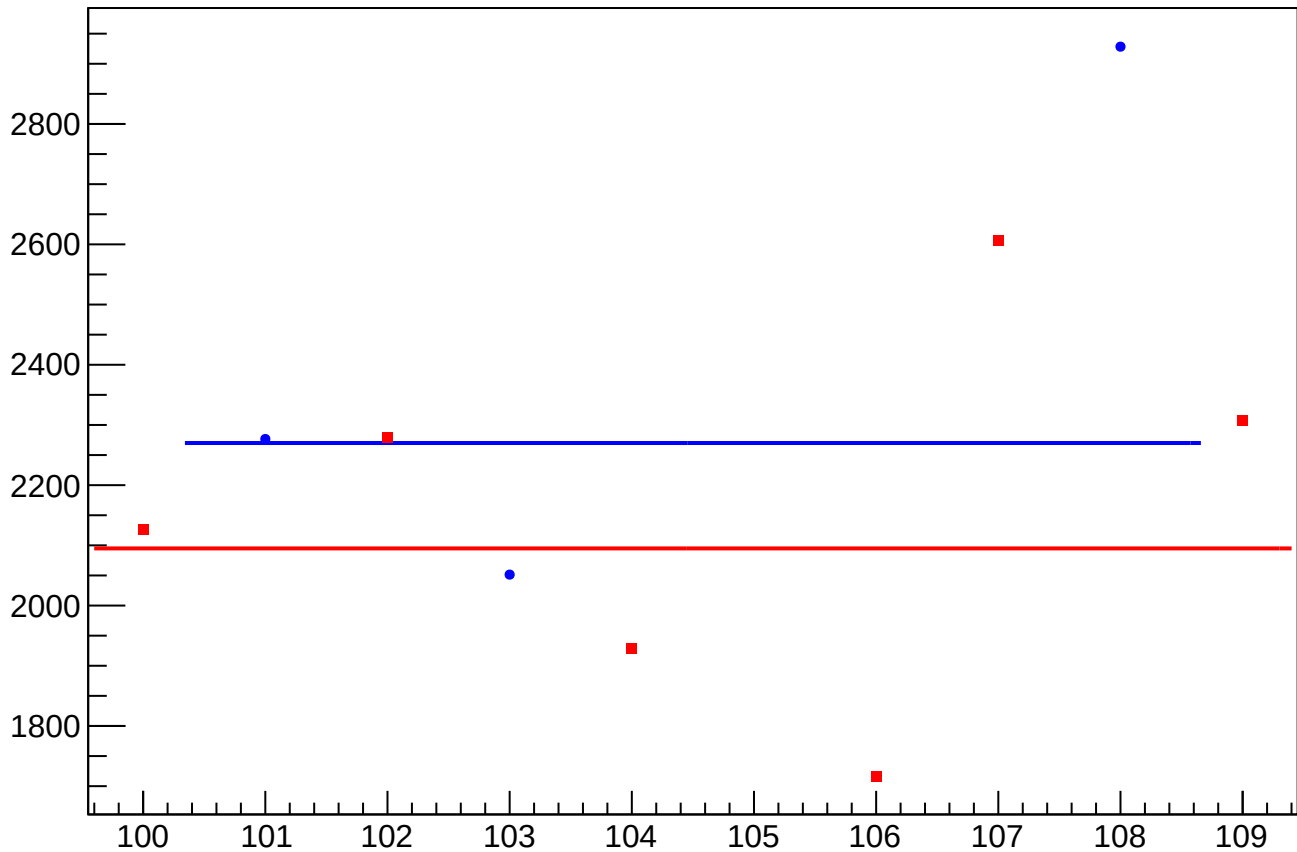
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.338 $\pm$ 1.093 χ^2 /NDF: 680.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01X_rms vs Slug



Right In: 2270.032 $\pm$ 1.260 χ^2 /NDF: 53471.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2094.911 $\pm$ 0.979 χ^2 /NDF: 74207.6/5

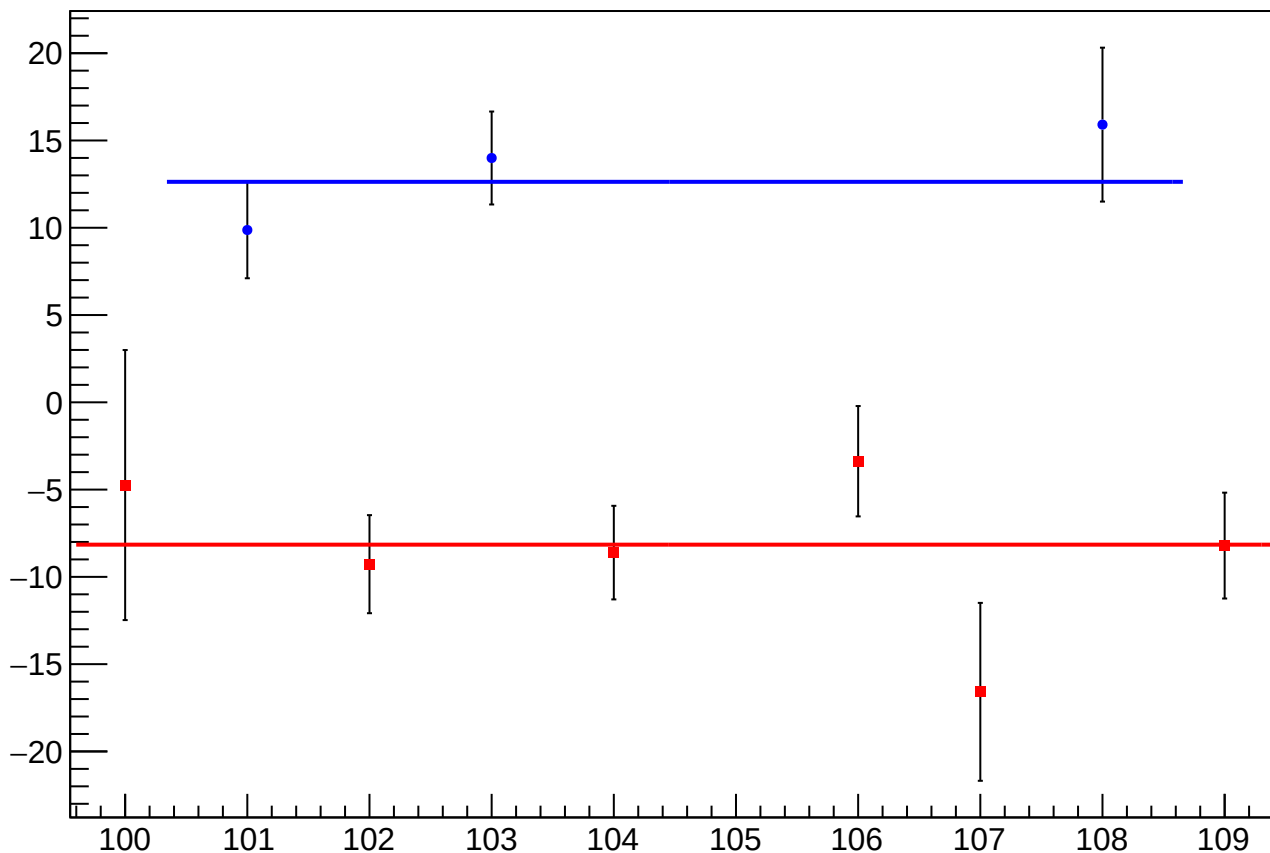
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2160.801 $\pm$ 0.773 χ^2 /NDF: 139723.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 12.631 $\pm$ 1.759 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.155 $\pm$ 1.374 χ^2 /NDF: 5.4/5

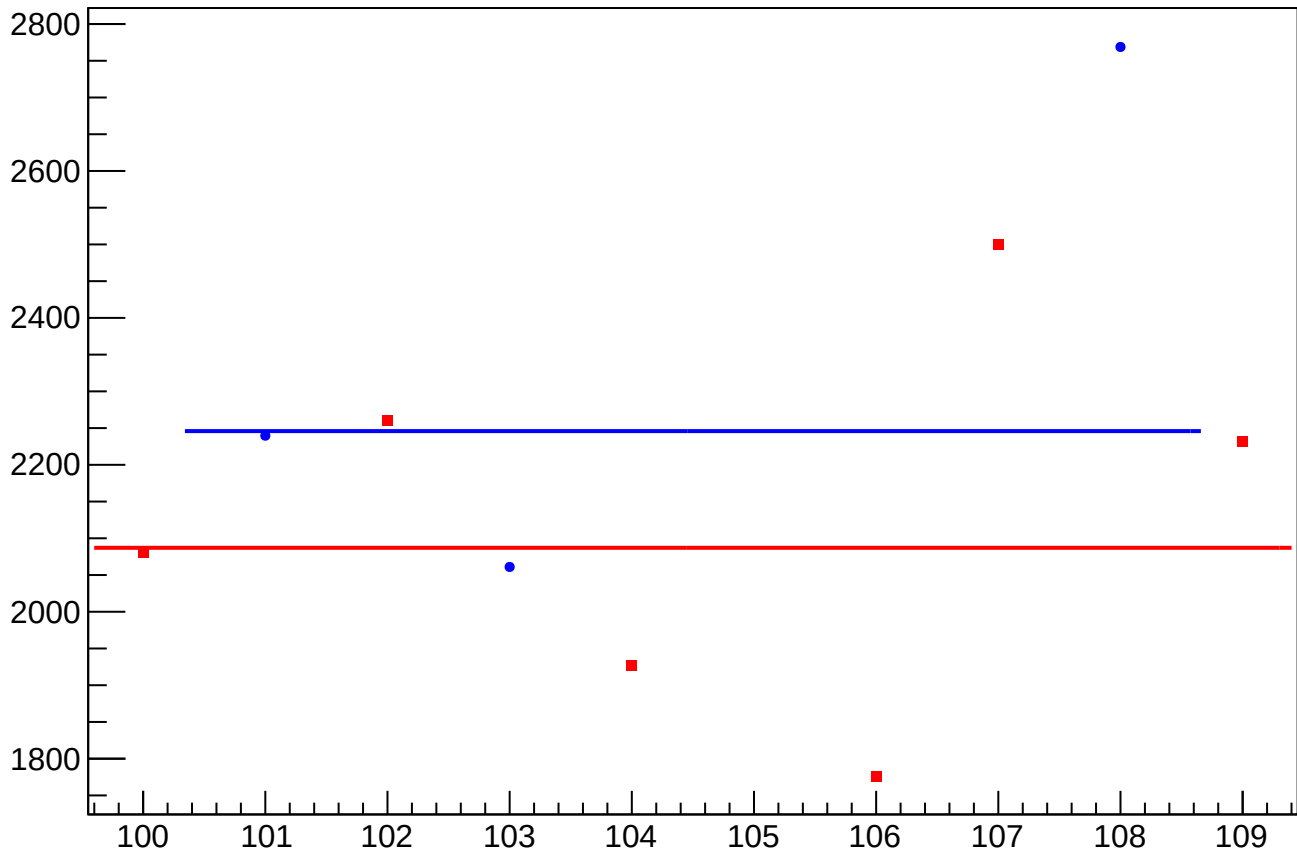
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.278 $\pm$ 1.083 χ^2 /NDF: 94.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2245.904 $\pm$ 1.244 χ^2 /NDF: 37787.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2087.051 $\pm$ 0.971 χ^2 /NDF: 51805.0/5

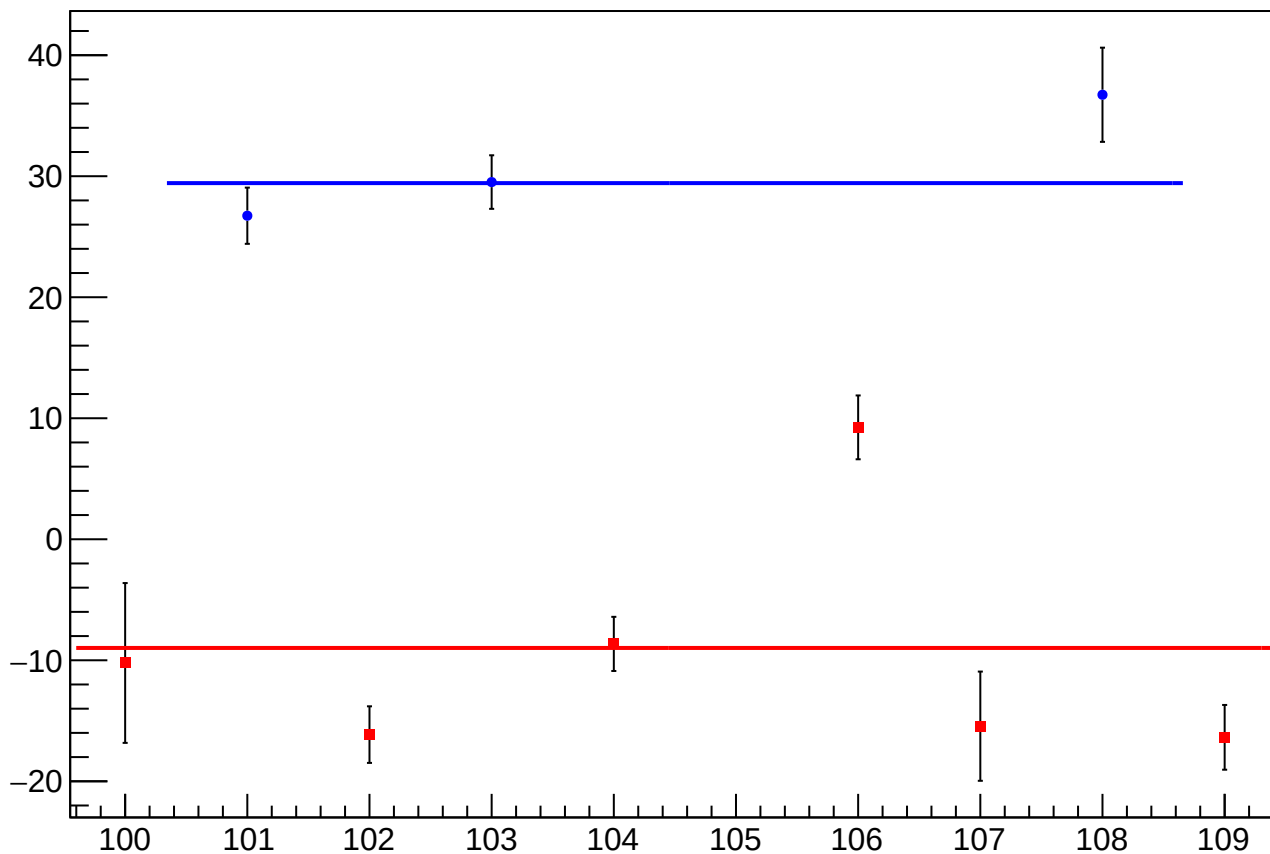
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2147.250 $\pm$ 0.766 χ^2 /NDF: 99727.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_mean vs Slug



Right In: 29.430 $\pm$ 1.482 χ^2 /NDF: 4.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.981 $\pm$ 1.164 χ^2 /NDF: 66.9/5

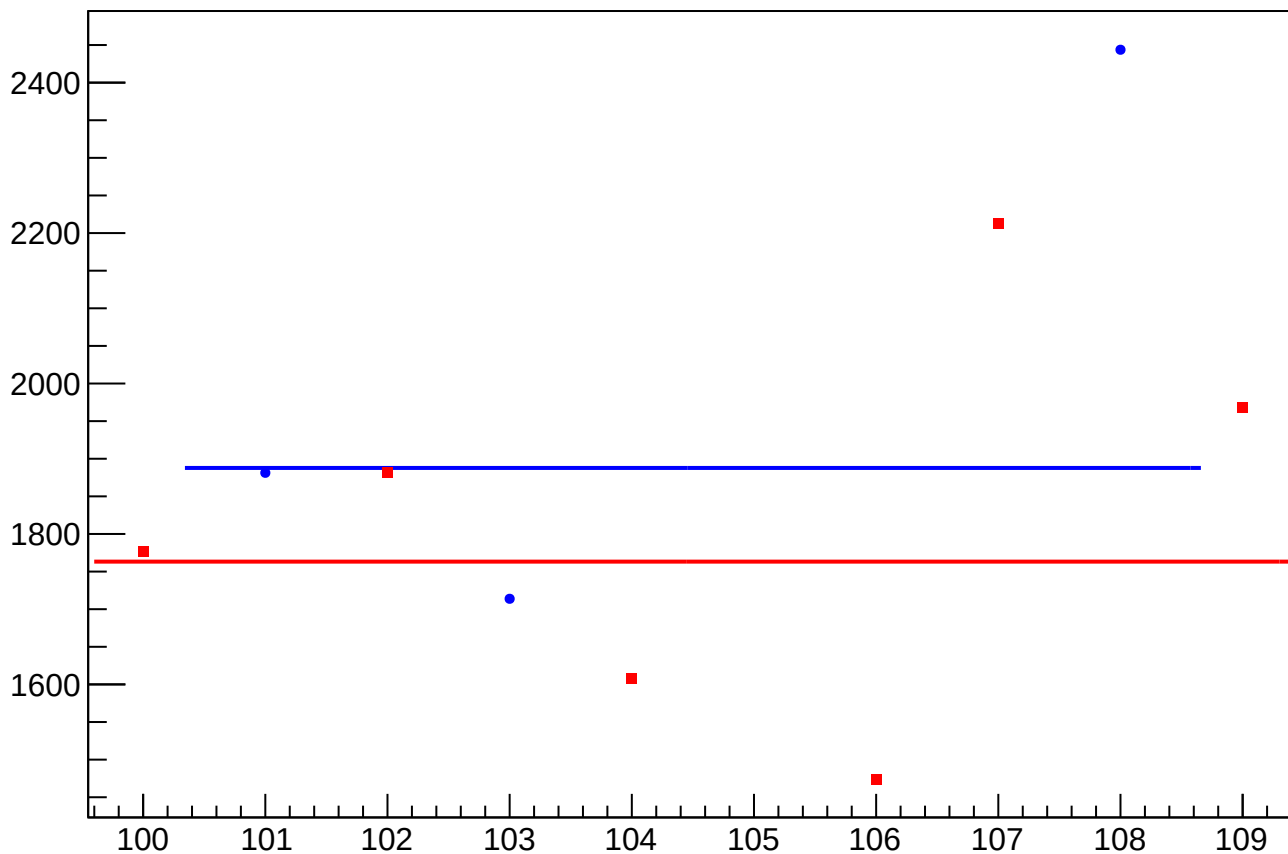
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.678 $\pm$ 0.915 χ^2 /NDF: 487.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug



Right In: 1887.772 $\pm$ 1.048 χ^2 /NDF: 53186.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1763.236 $\pm$ 0.823 χ^2 /NDF: 70457.2/5

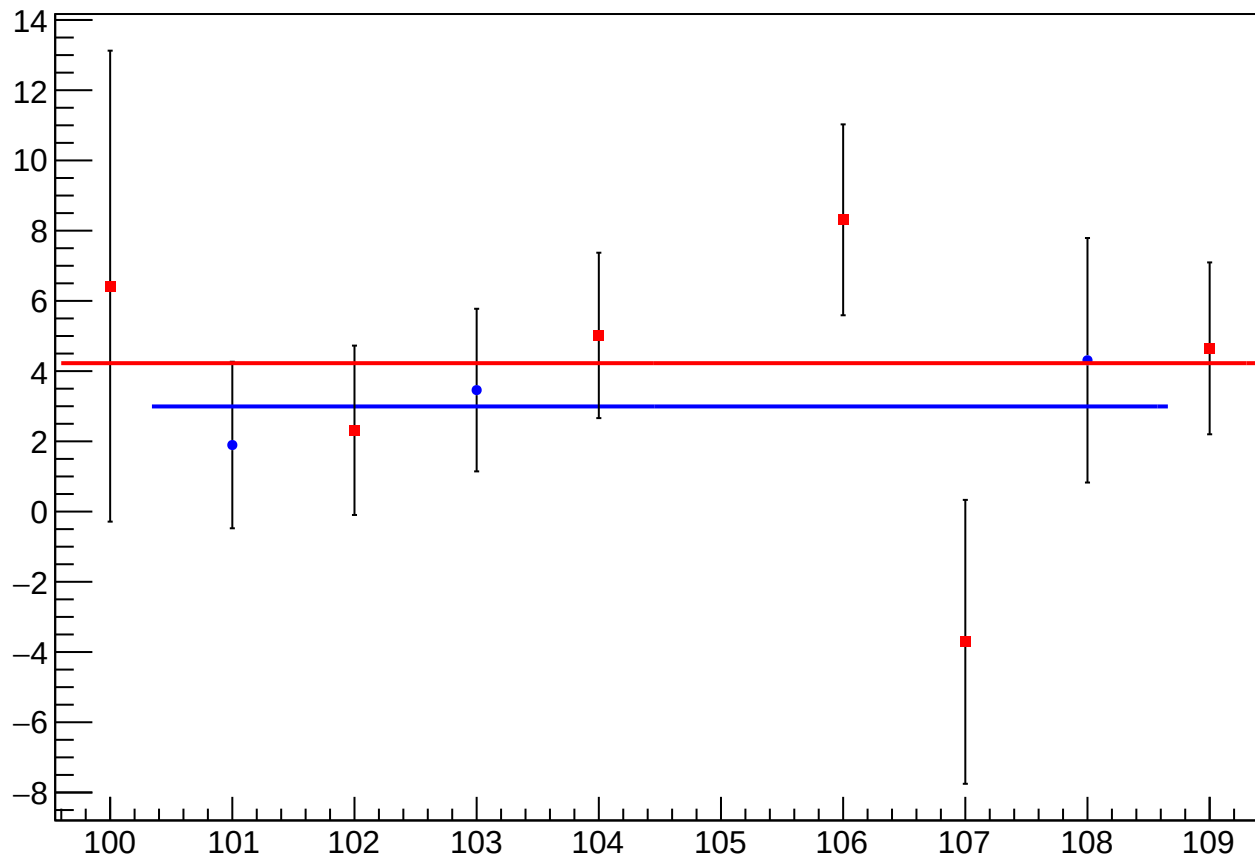
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1810.764 $\pm$ 0.647 χ^2 /NDF: 132381.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_mean vs Slug



Right In: 2.994 $\pm$ 1.496 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.226 $\pm$ 1.164 χ^2 /NDF: 7.0/5

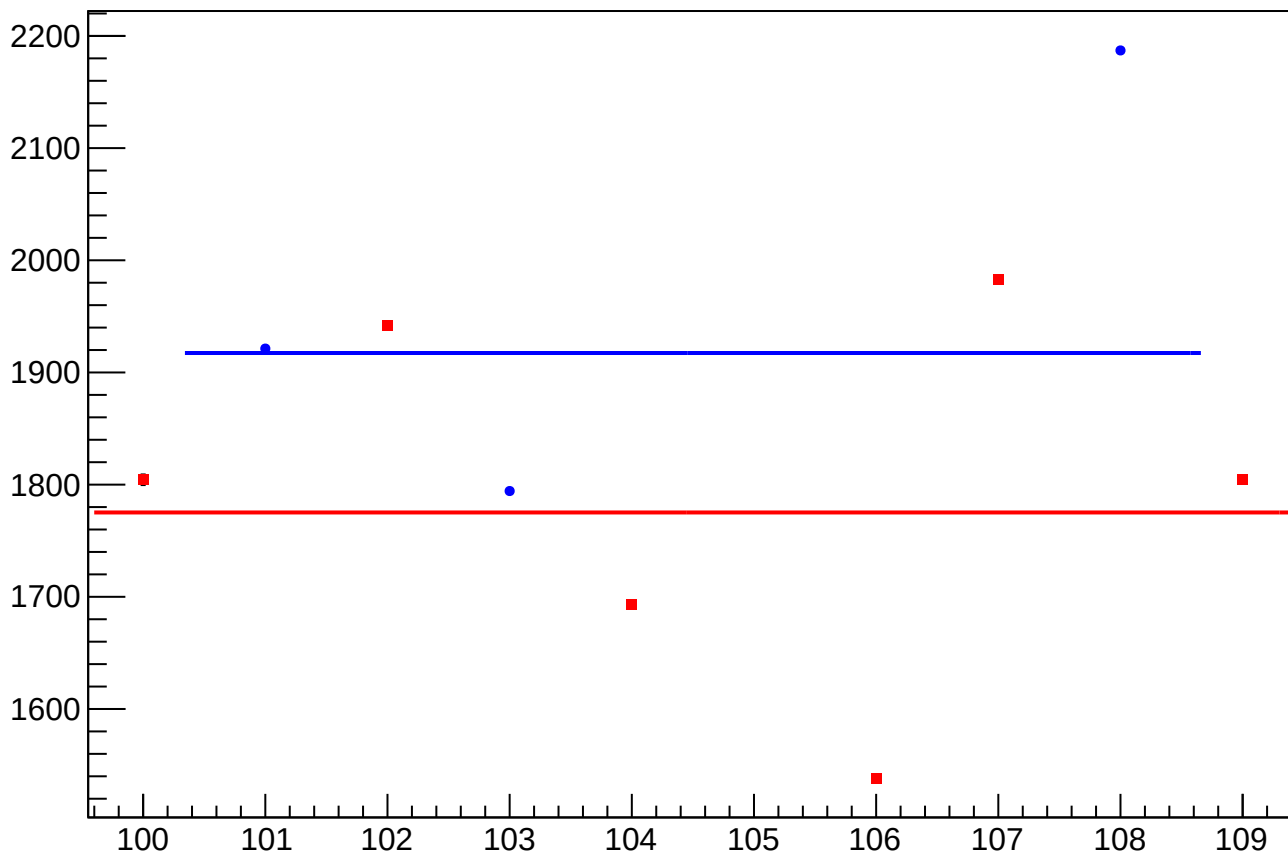
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.762 $\pm$ 0.919 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_rms vs Slug



Right In: 1917.348 $\pm$ 1.058 χ^2 /NDF: 17654.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1775.192 $\pm$ 0.823 χ^2 /NDF: 32784.3/5

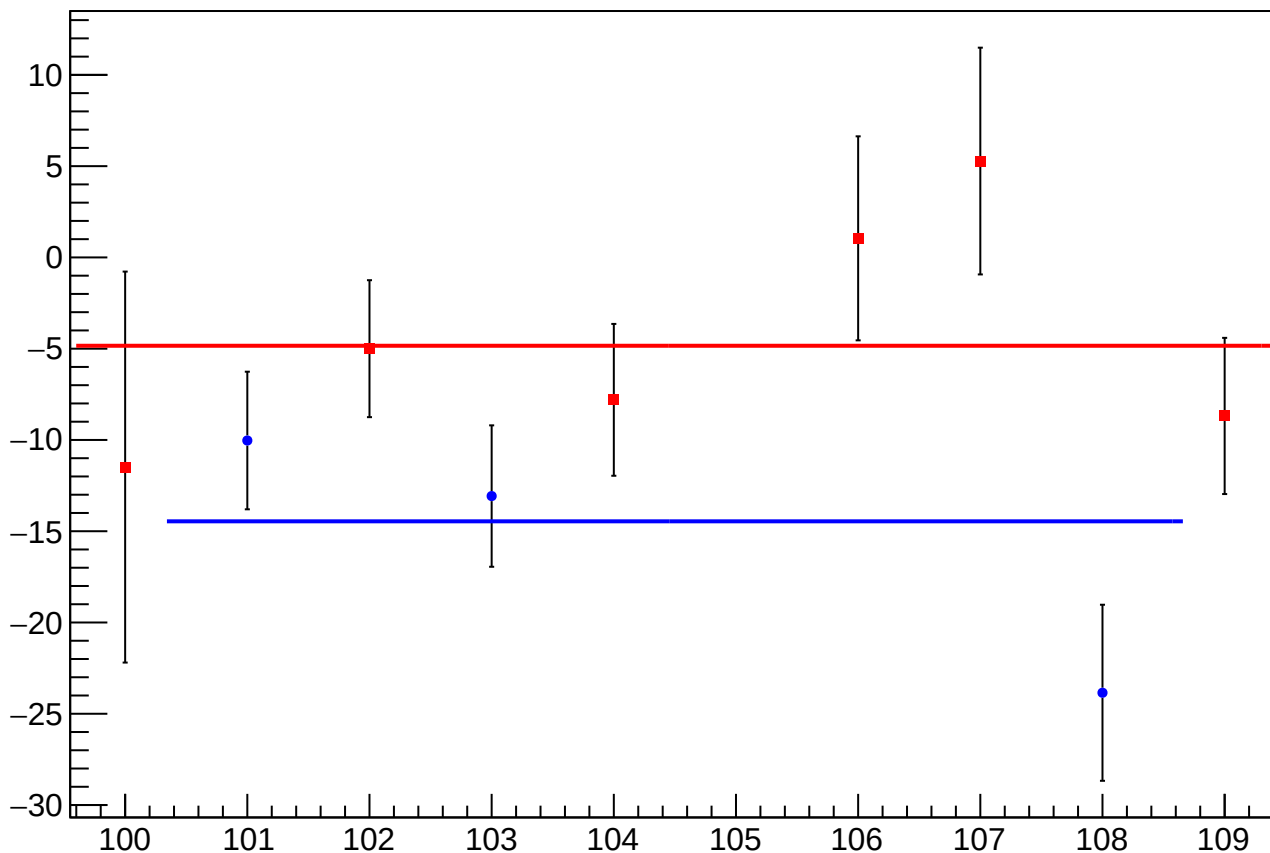
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1828.806 $\pm$ 0.650 χ^2 /NDF: 61688.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -14.458 ± 2.357 χ^2/NDF : 5.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.839 ± 1.999 χ^2/NDF : 5.5/5

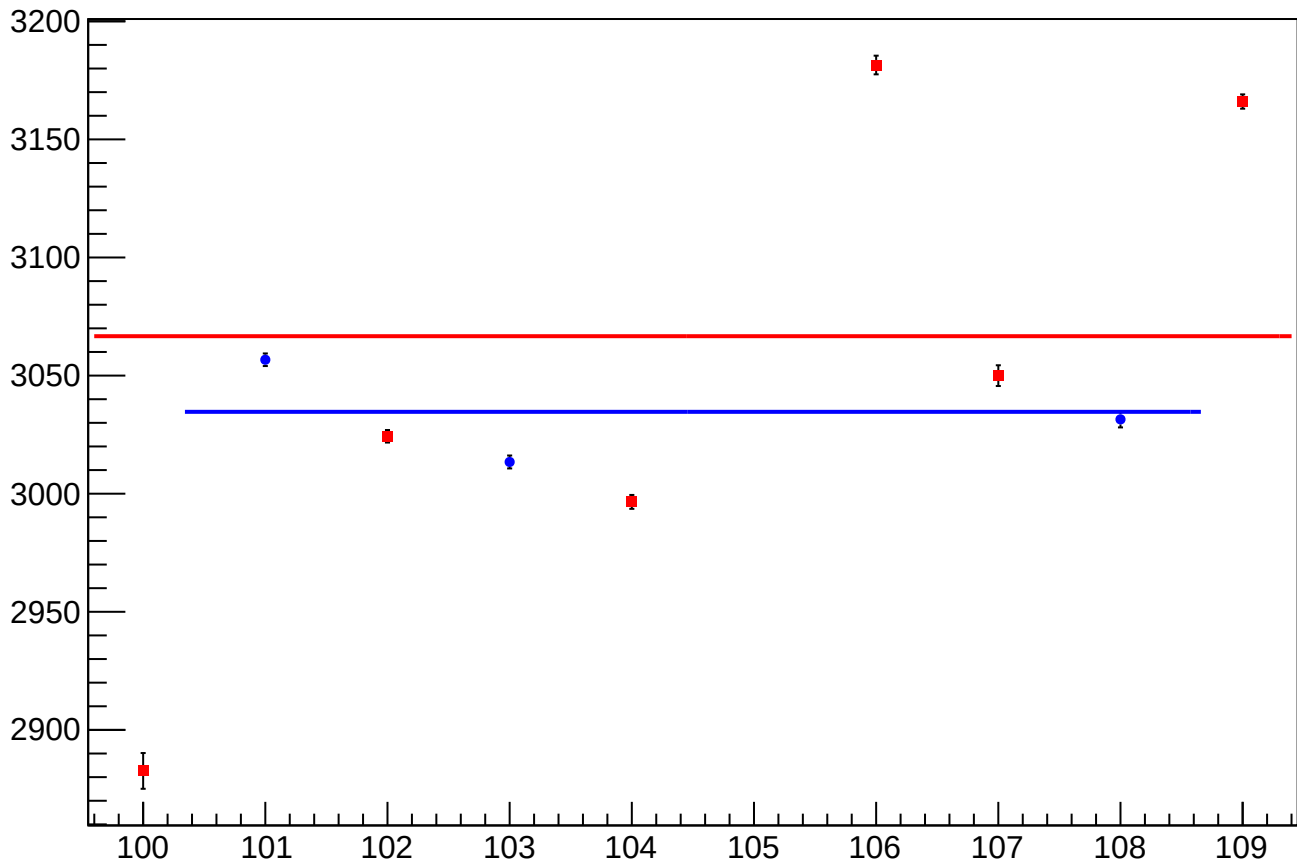
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.864 ± 1.525 χ^2/NDF : 20.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l01X_rms vs Slug



Right In: 3034.659+/-1.667 χ^2 /NDF: 129.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3066.679+/-1.414 χ^2 /NDF: 3351.7/5

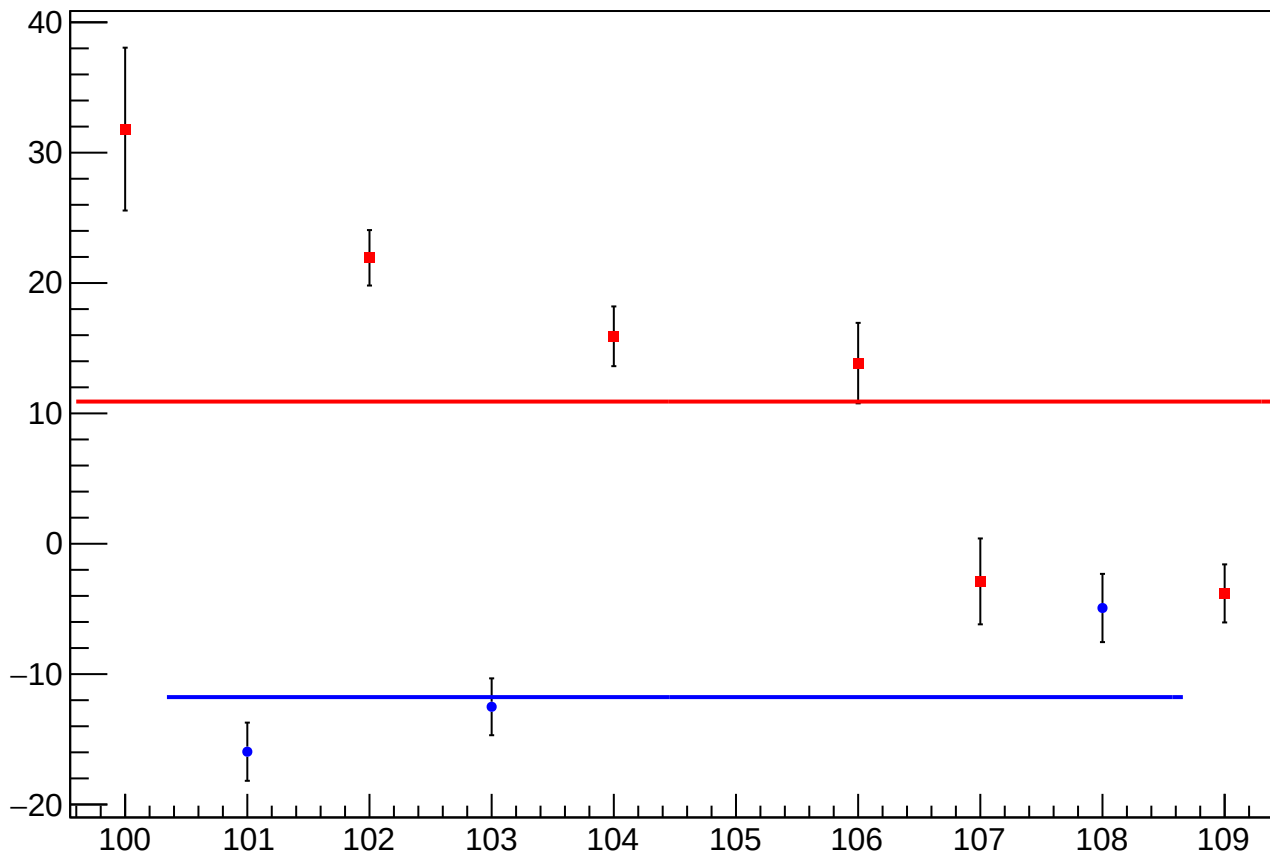
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 3053.280+/-1.078 χ^2 /NDF: 3695.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: -11.763 ± 1.340 χ^2/NDF : 10.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.907 ± 1.094 χ^2/NDF : 104.9/5

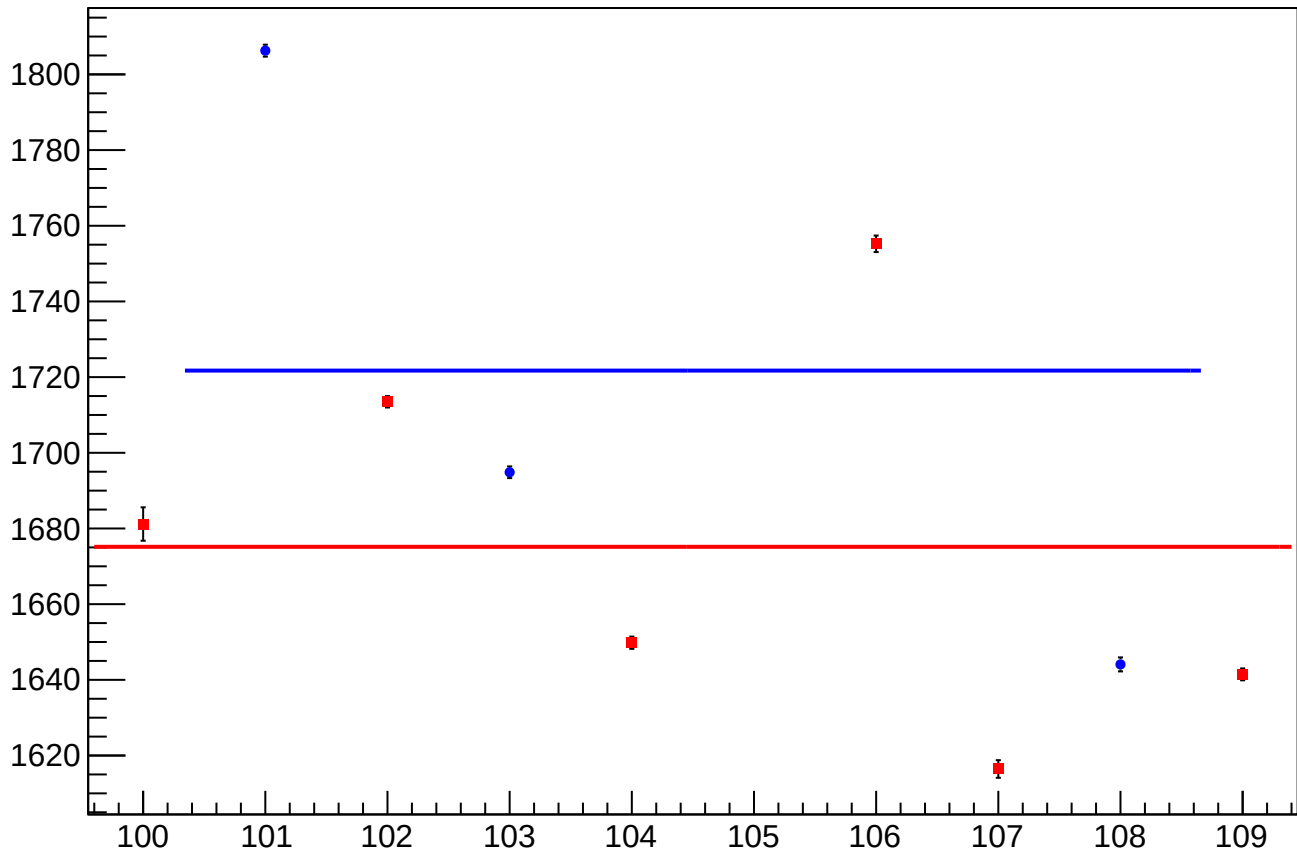
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.841 ± 0.847 χ^2/NDF : 287.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1721.726 $\pm$ 0.947 χ^2 /NDF: 4935.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1675.156 $\pm$ 0.773 χ^2 /NDF: 3335.2/5

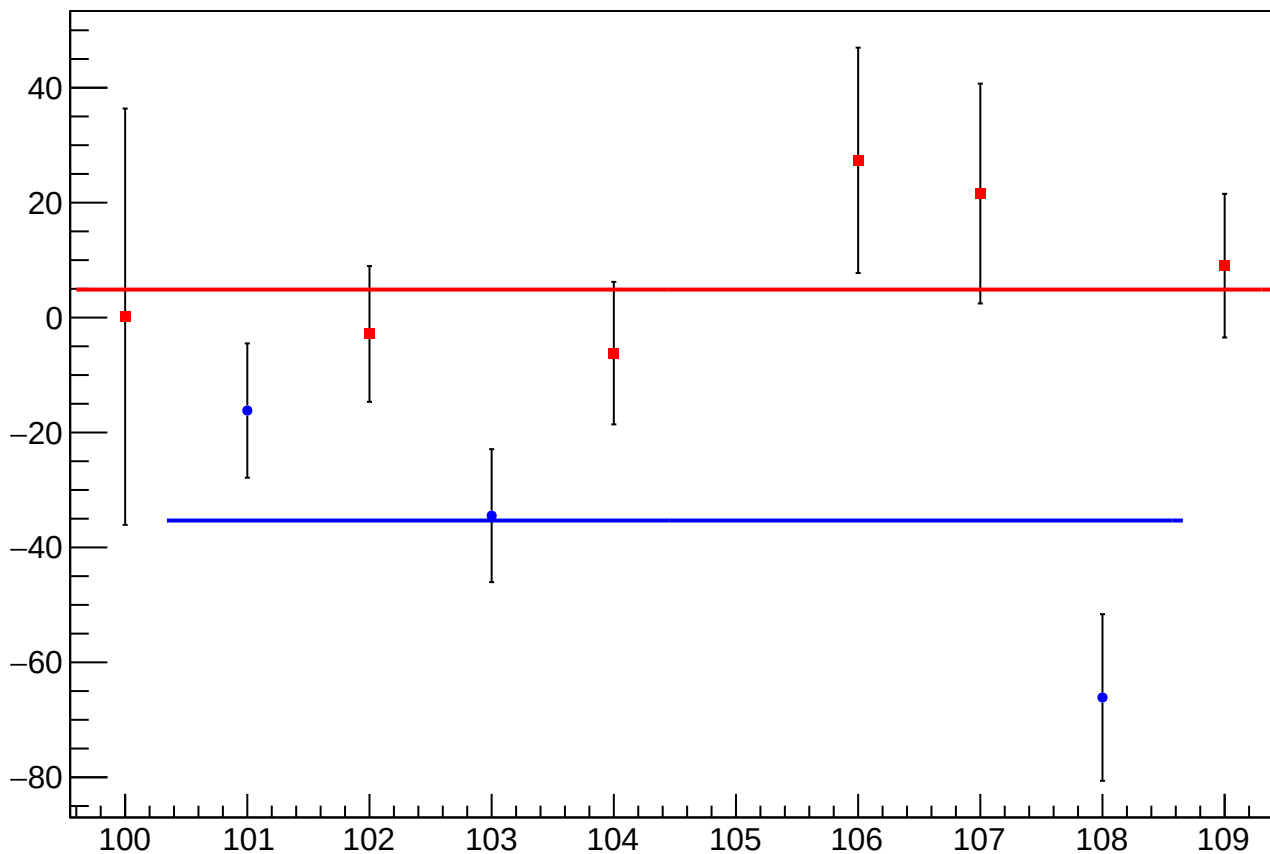
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1693.781 $\pm$ 0.599 χ^2 /NDF: 9720.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -35.315 ± 7.152 $\chi^2/\text{NDF}: 7.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 4.872 ± 6.183 $\chi^2/\text{NDF}: 3.4/5$

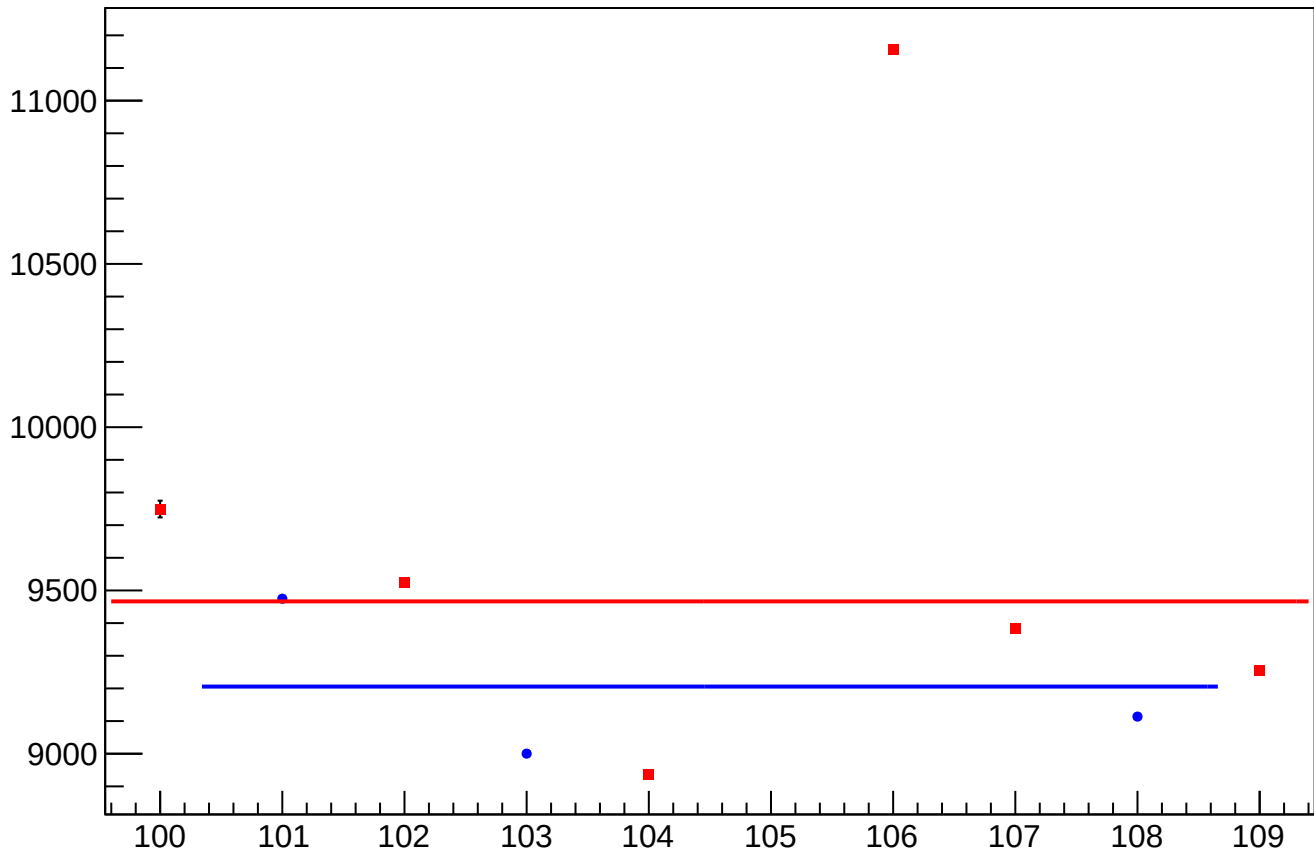
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.317 ± 4.677 $\chi^2/\text{NDF}: 28.7/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l02X_rms vs Slug



Right In: 9205.640 $\pm$ 5.057 χ^2 /NDF: 1771.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9466.512 $\pm$ 4.372 χ^2 /NDF: 19329.5/5

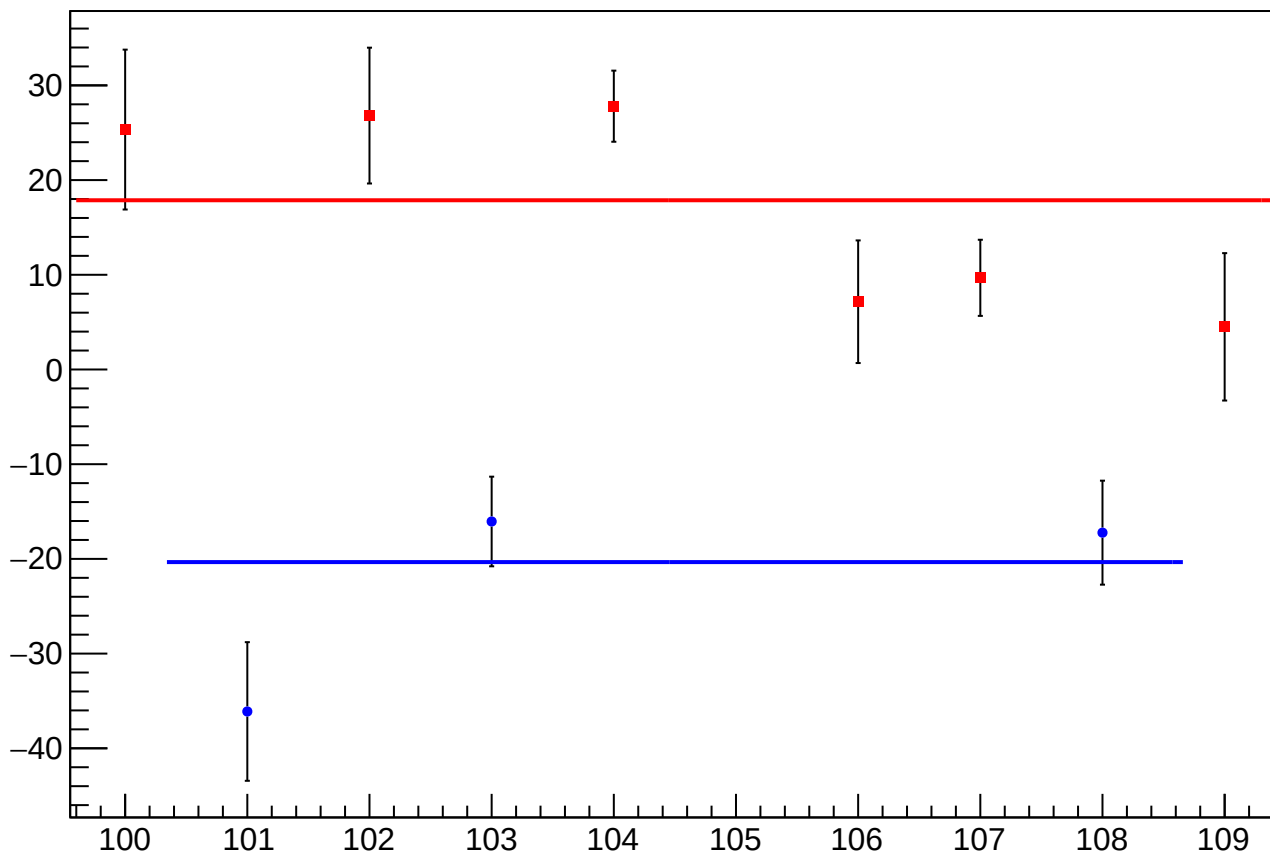
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9354.931 $\pm$ 3.307 χ^2 /NDF: 22623.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02Y_mean vs Slug



Right In: -20.338 ± 3.220 χ^2/NDF : 5.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 17.869 ± 2.200 χ^2/NDF : 19.2/5

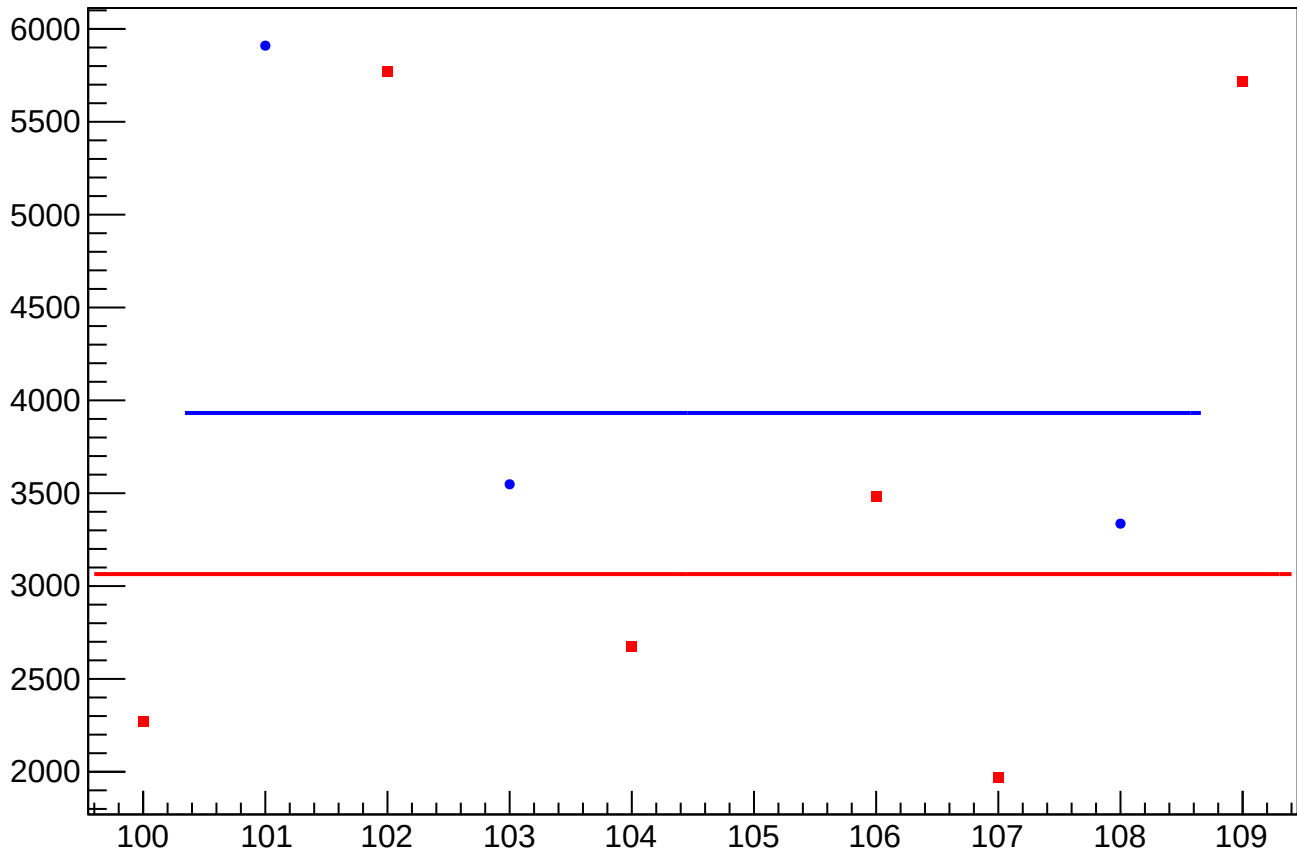
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.711 ± 1.816 χ^2/NDF : 121.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_rms vs Slug



Right In: 3932.125+/-2.277 χ^2/NDF : 182786.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3064.475+/-1.555 χ^2/NDF : 712597.8/5

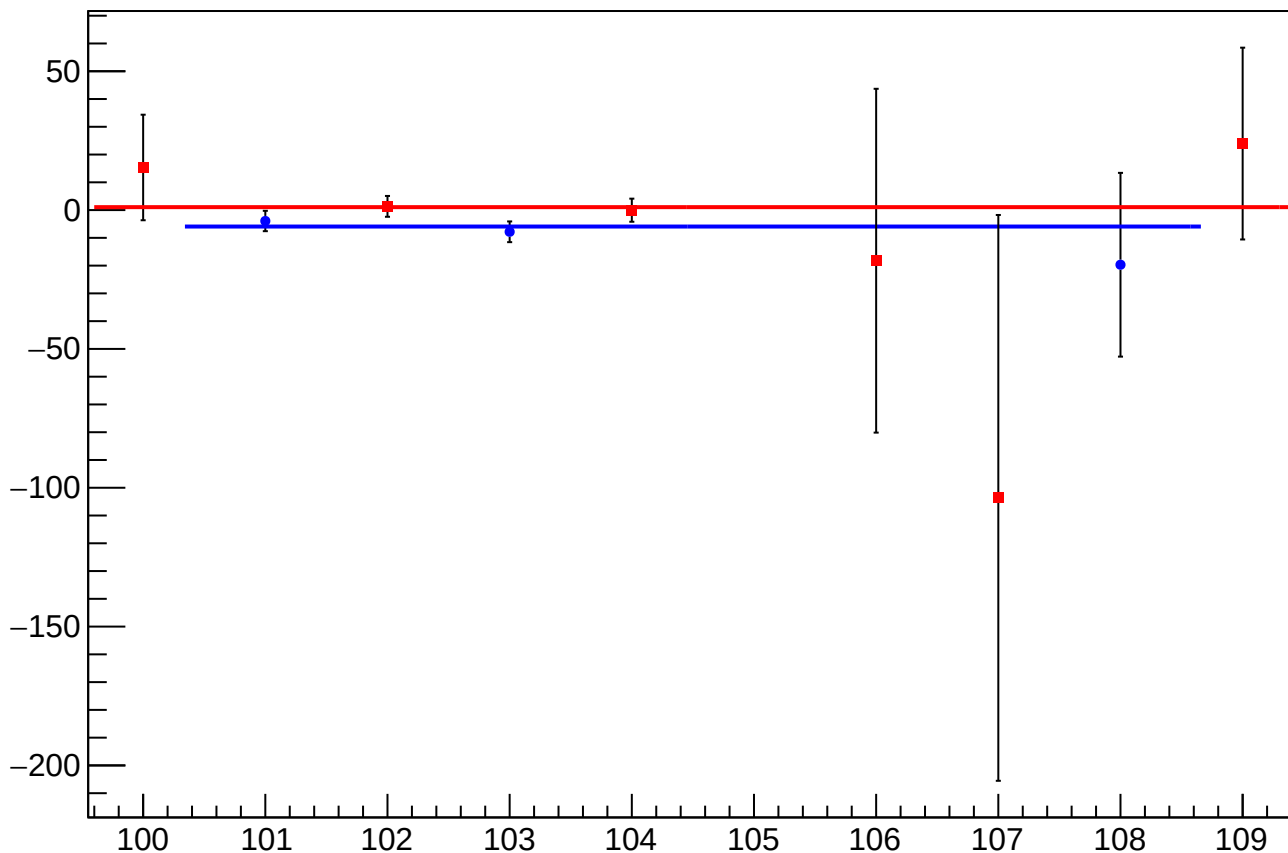
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3340.590+/-1.284 χ^2/NDF : 994415.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_mean vs Slug



Right In: -5.926 $\pm$ 2.607 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.056 $\pm$ 2.744 χ^2 /NDF: 2.2/5

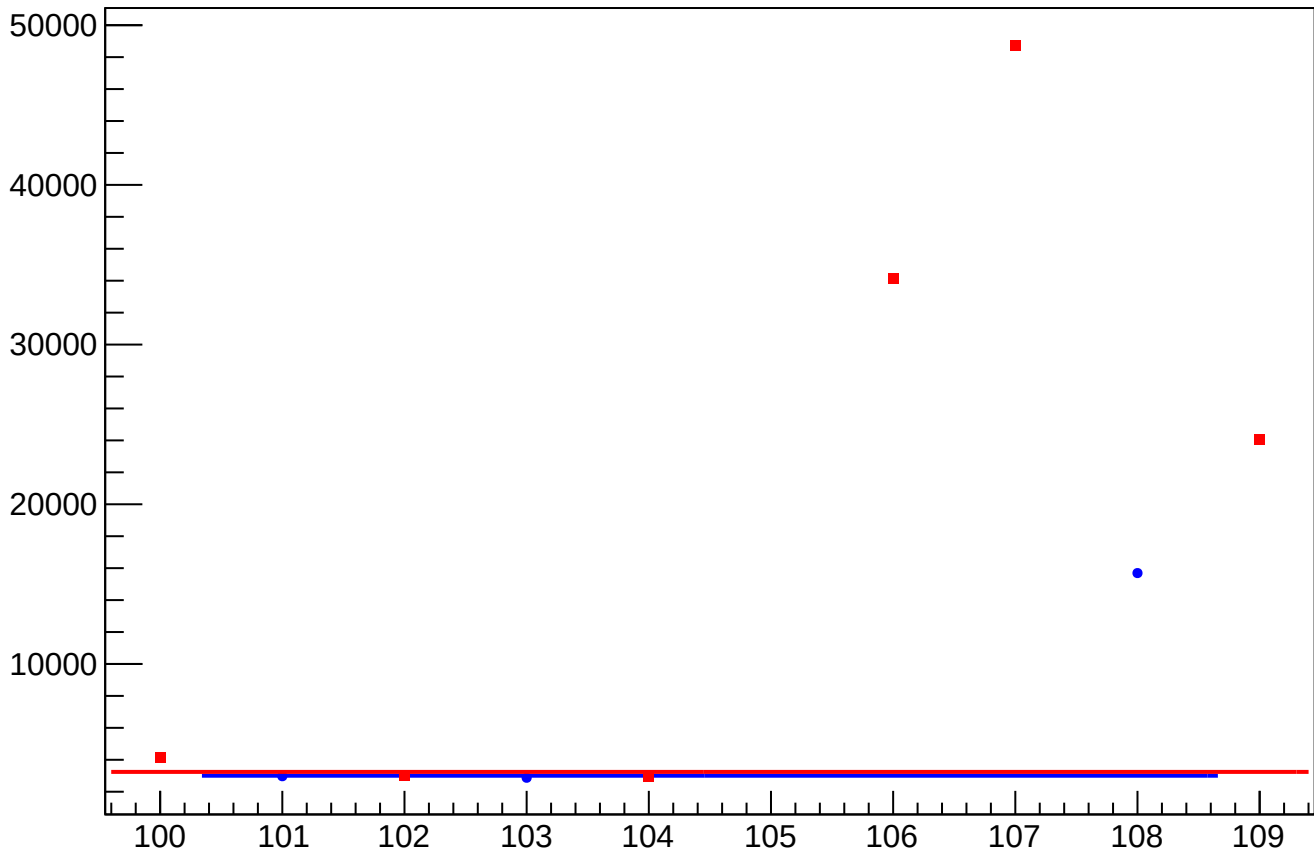
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.613 $\pm$ 1.890 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l03X_rms vs Slug



Right In: 3002.758+/-1.844 χ^2/NDF : 296640.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3241.415+/-1.940 χ^2/NDF : 1642976.6/5

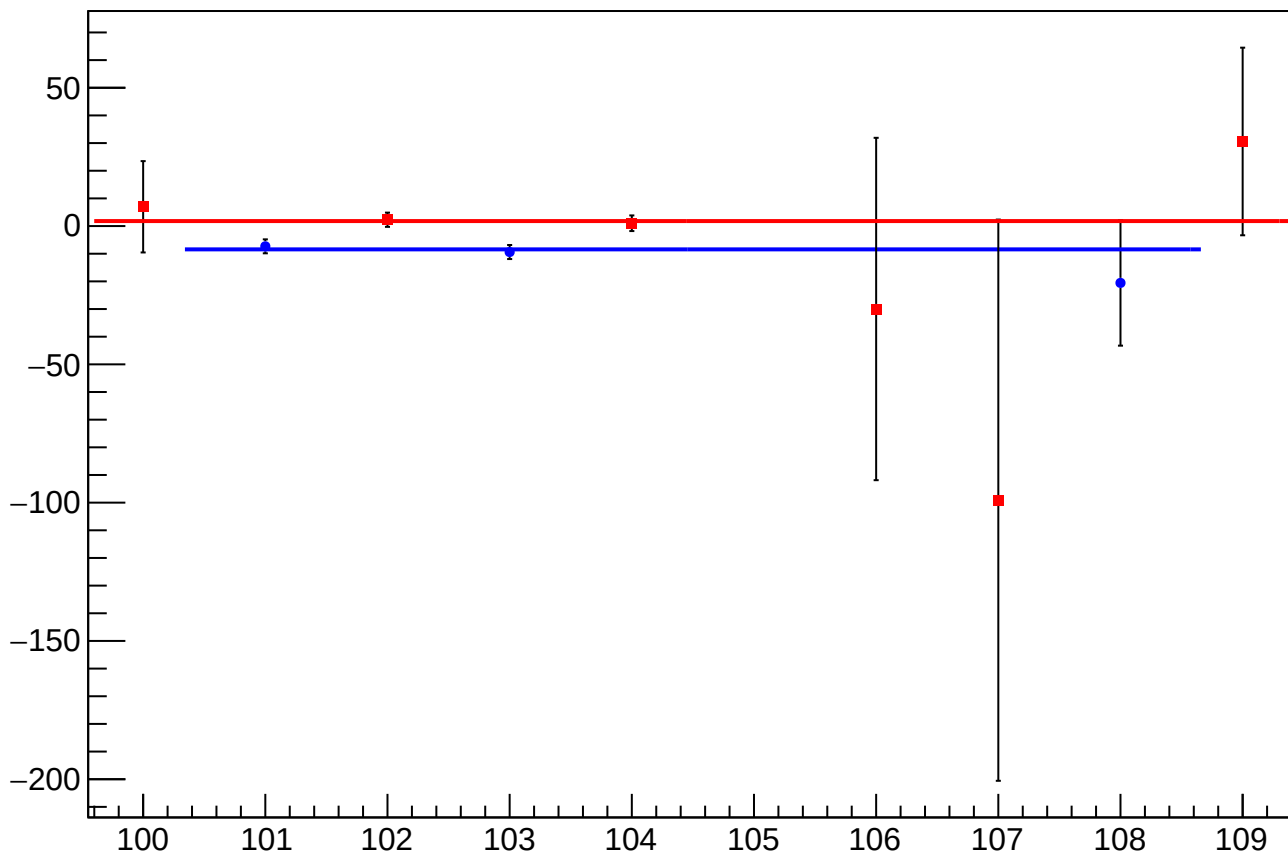
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3116.004+/-1.337 χ^2/NDF : 1947568.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.429 ± 1.784 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.804 ± 1.886 χ^2/NDF : 2.2/5

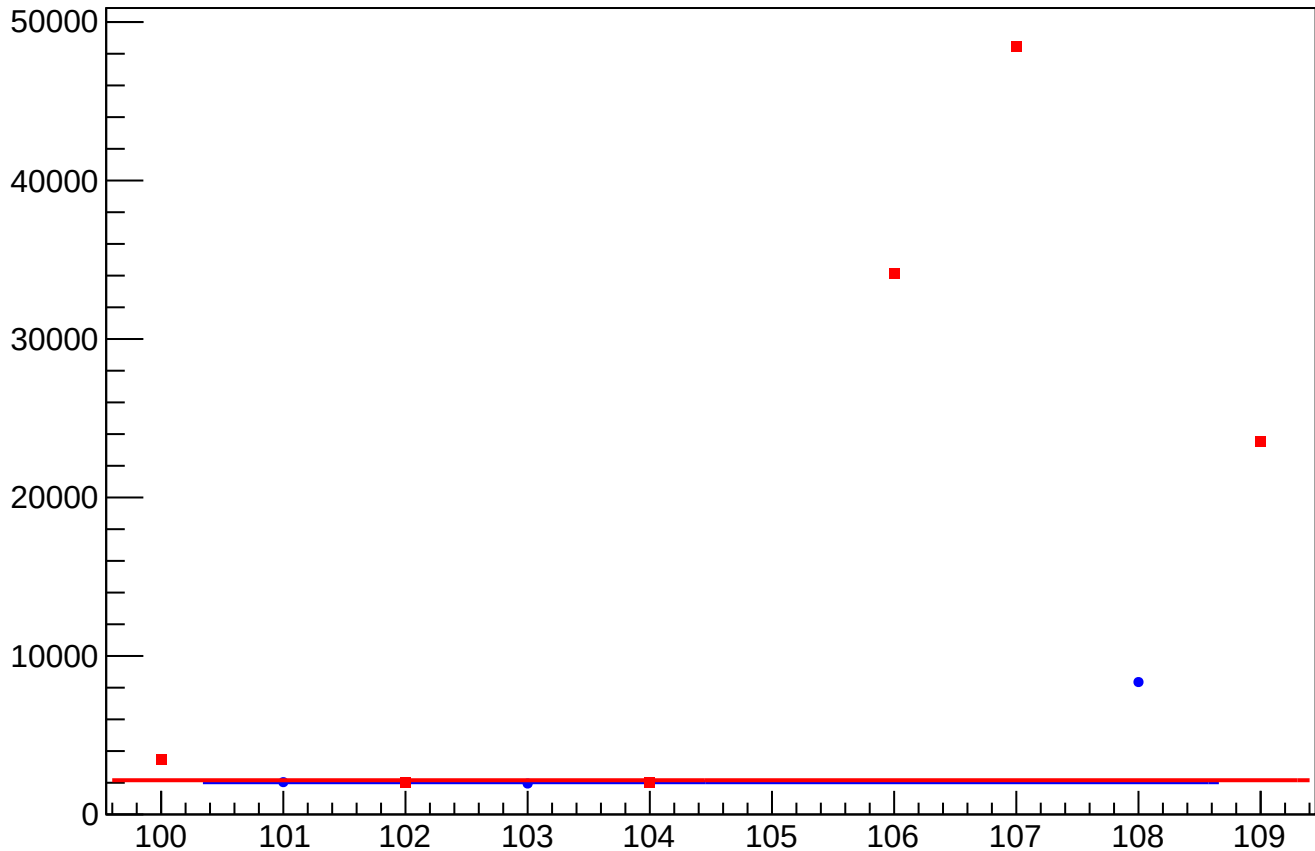
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.598 ± 1.296 χ^2/NDF : 18.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_rms vs Slug



Right In: 2034.346 $\pm$ 1.261 χ^2/NDF : 157394.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2159.258 $\pm$ 1.334 χ^2/NDF : 1769231.8/5

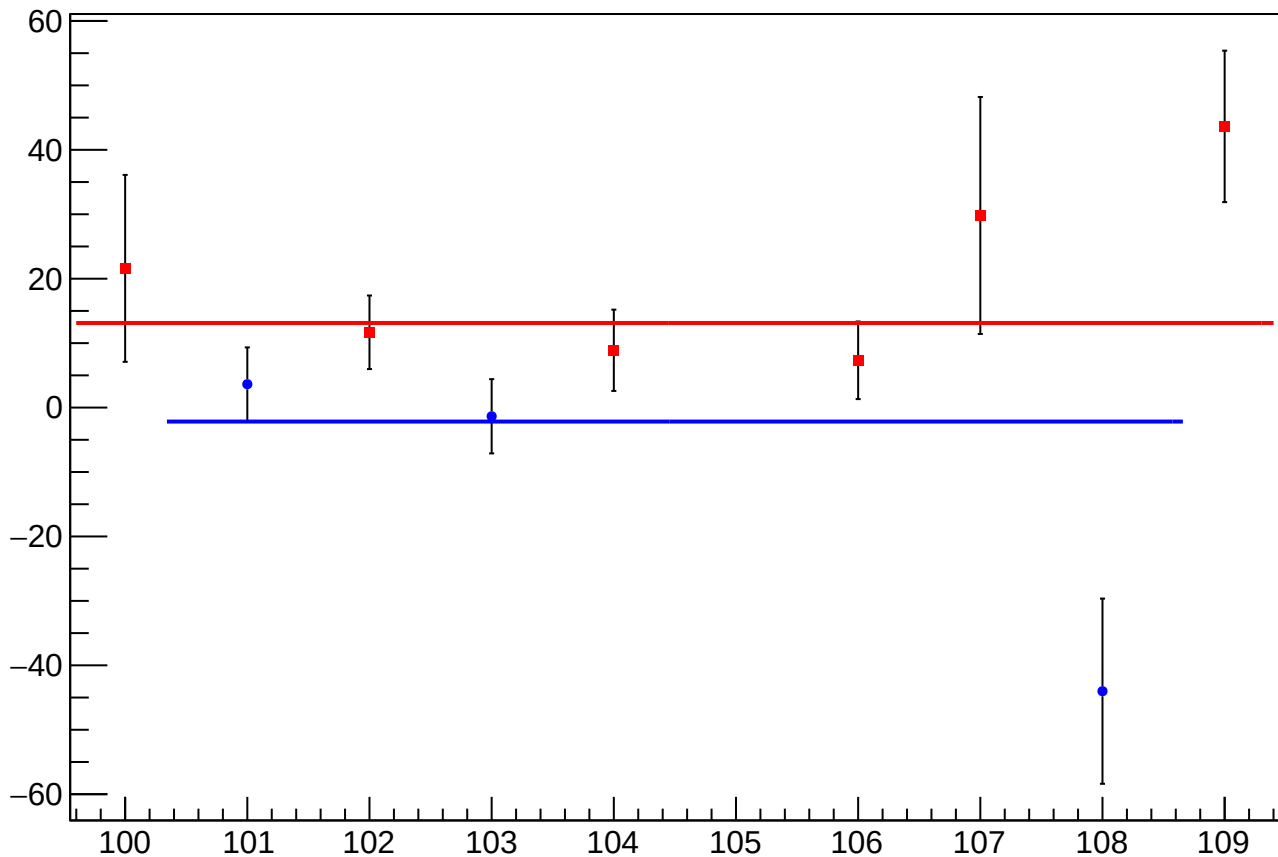
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2093.322 $\pm$ 0.916 χ^2/NDF : 1931255.5/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -2.170+/-3.903 χ^2/NDF : 9.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.127+/-3.189 χ^2/NDF : 9.3/5

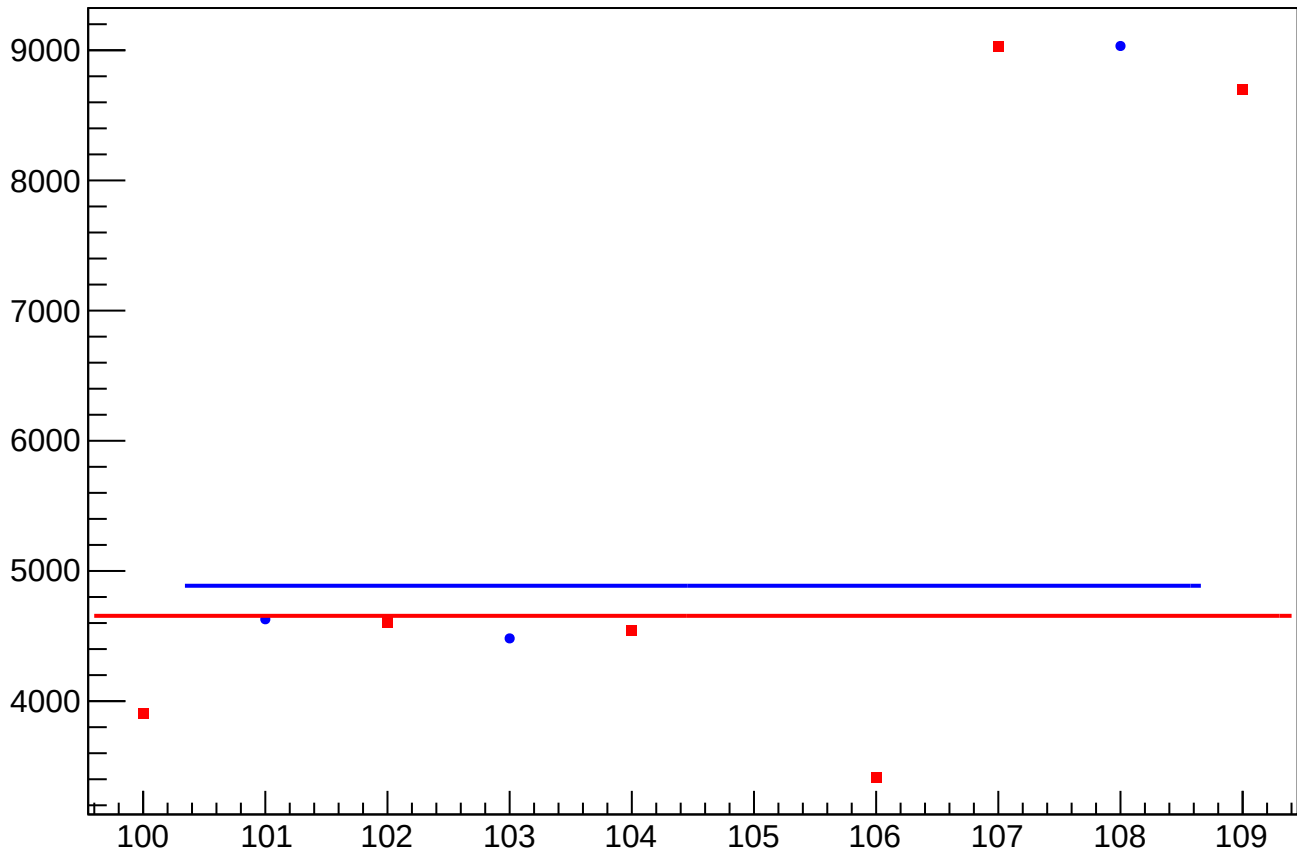
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.004+/-2.469 χ^2/NDF : 28.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_rms vs Slug



Right In: 4886.397+/-2.760 χ^2/NDF : 180418.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4655.364+/-2.255 χ^2/NDF : 440842.3/5

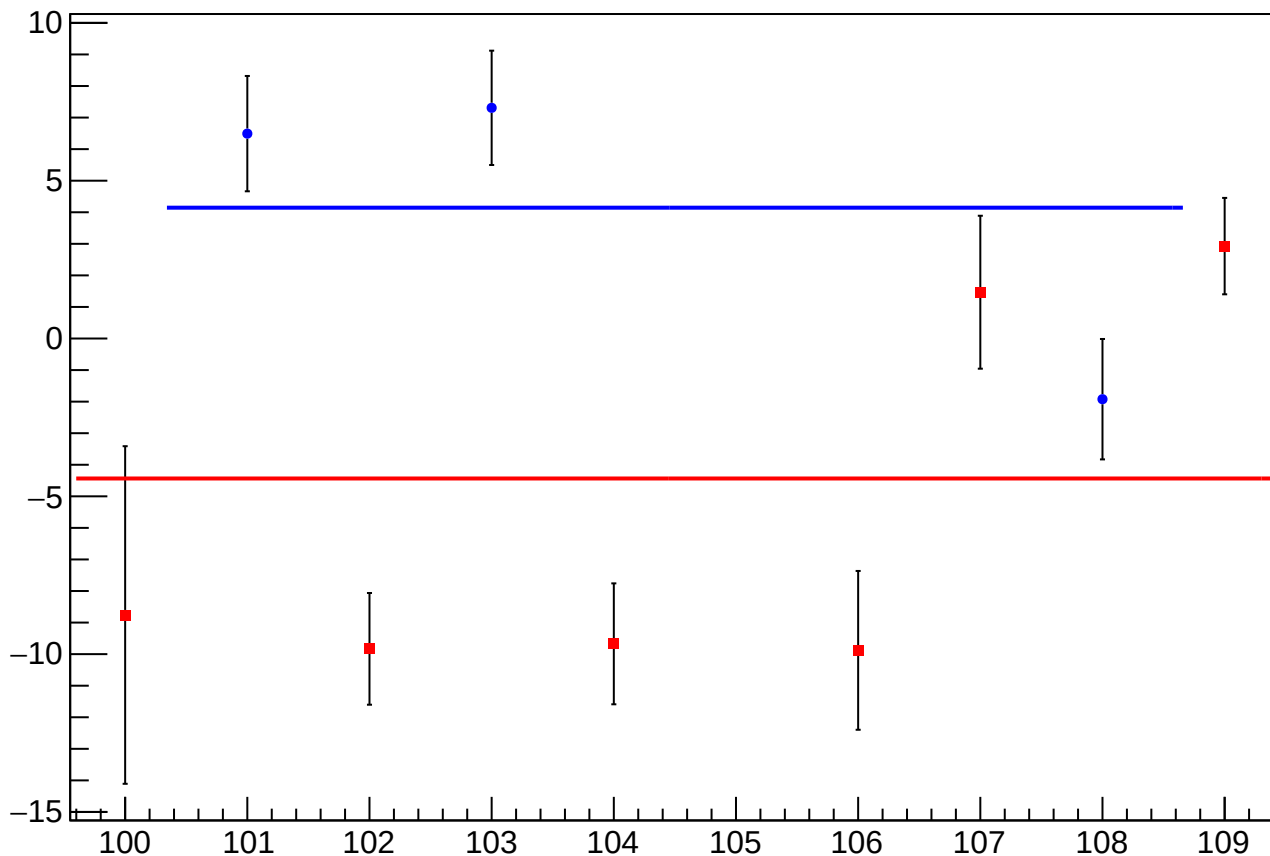
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4747.850+/-1.746 χ^2/NDF : 625463.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04Y_mean vs Slug



Right In: 4.145 $\pm$ 1.066 χ^2 /NDF: 14.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.435 $\pm$ 0.850 χ^2 /NDF: 51.3/5

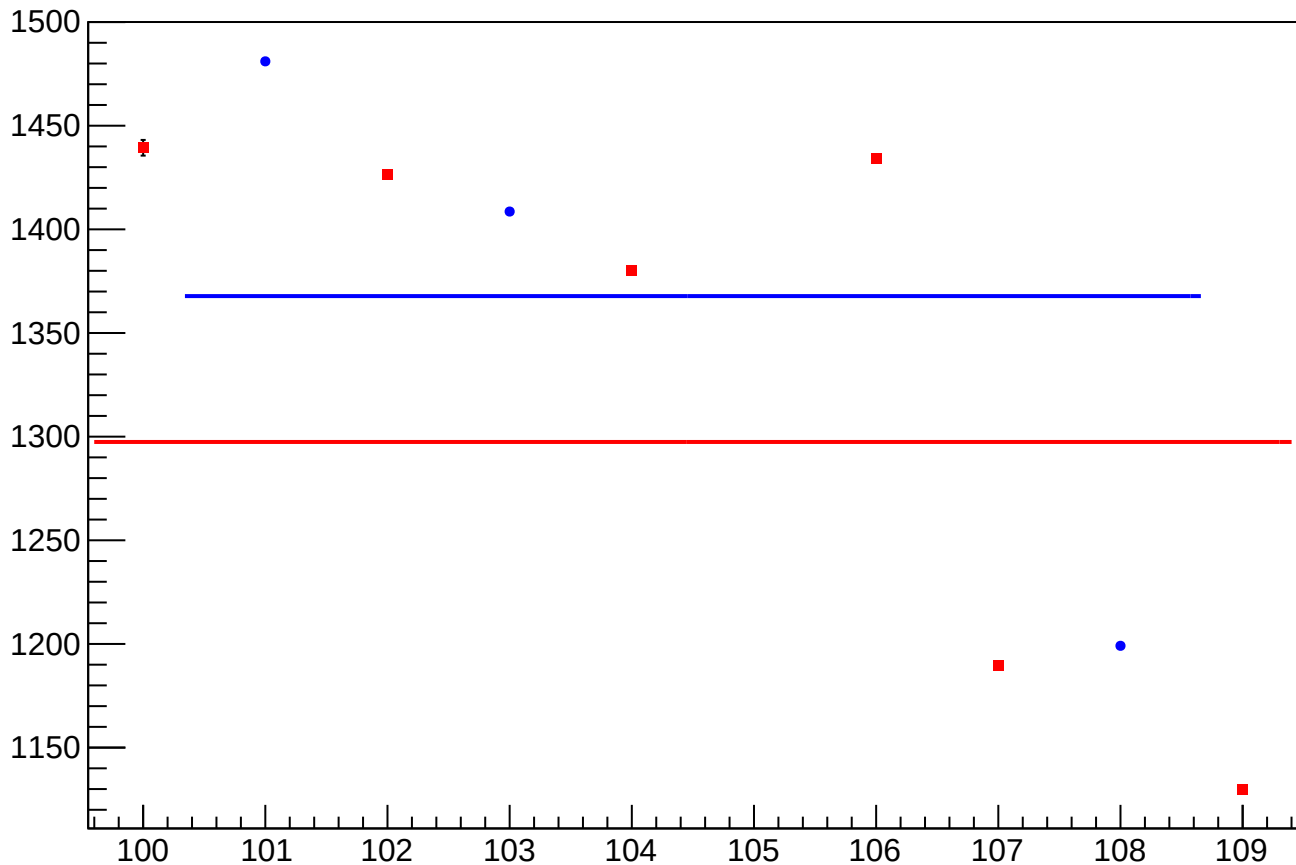
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.101 $\pm$ 0.665 χ^2 /NDF: 105.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04Y_rms vs Slug



Right In: 1367.806 $\pm$ 0.754 χ^2 /NDF: 24338.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1297.437 $\pm$ 0.601 χ^2 /NDF: 49724.5/5

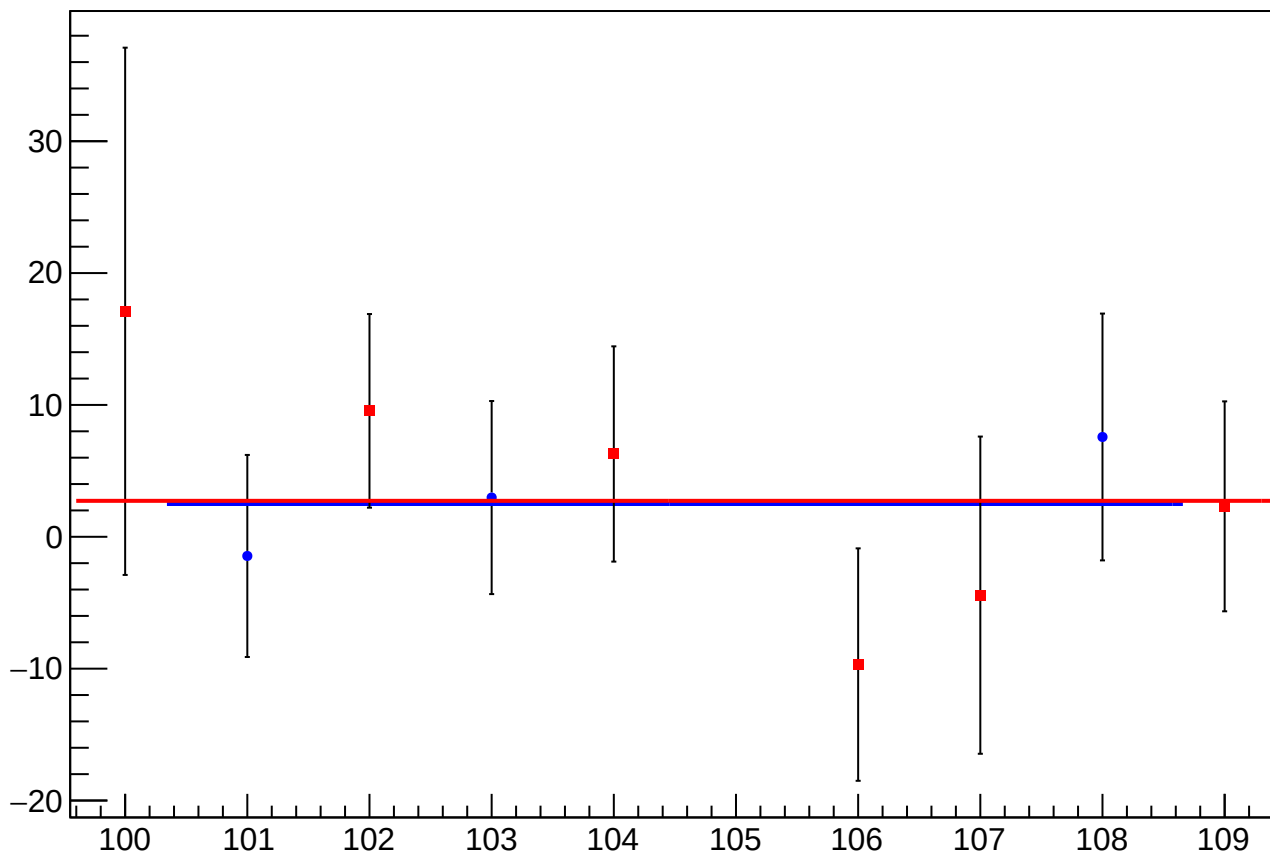
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1324.777 $\pm$ 0.470 χ^2 /NDF: 79387.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: 2.487 $\pm$ 4.607 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.727 $\pm$ 3.737 χ^2 /NDF: 3.9/5

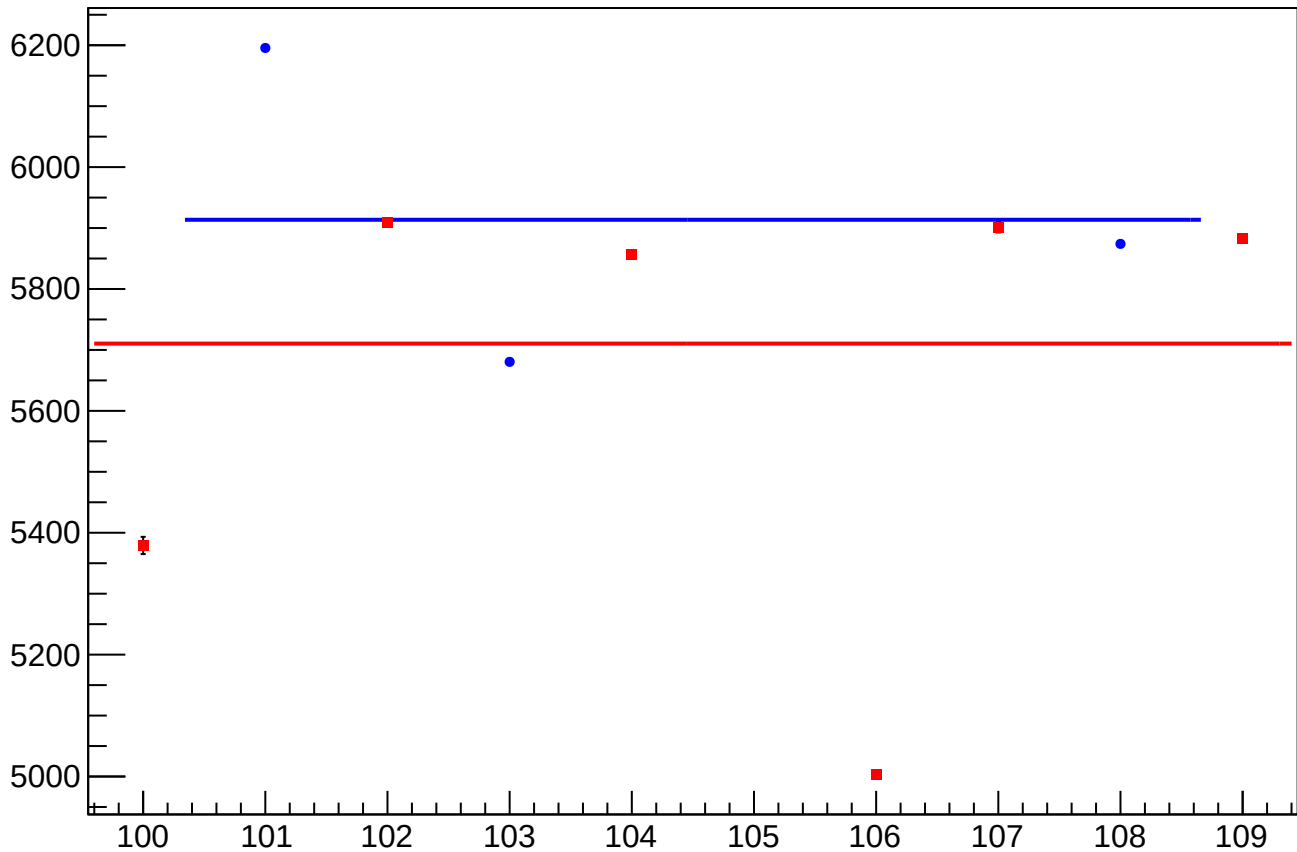
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.632 $\pm$ 2.902 χ^2 /NDF: 4.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_rms vs Slug



Right In: 5913.588 $\pm$ 3.258 χ^2 /NDF: 4771.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5710.420 $\pm$ 2.642 χ^2 /NDF: 16941.3/5

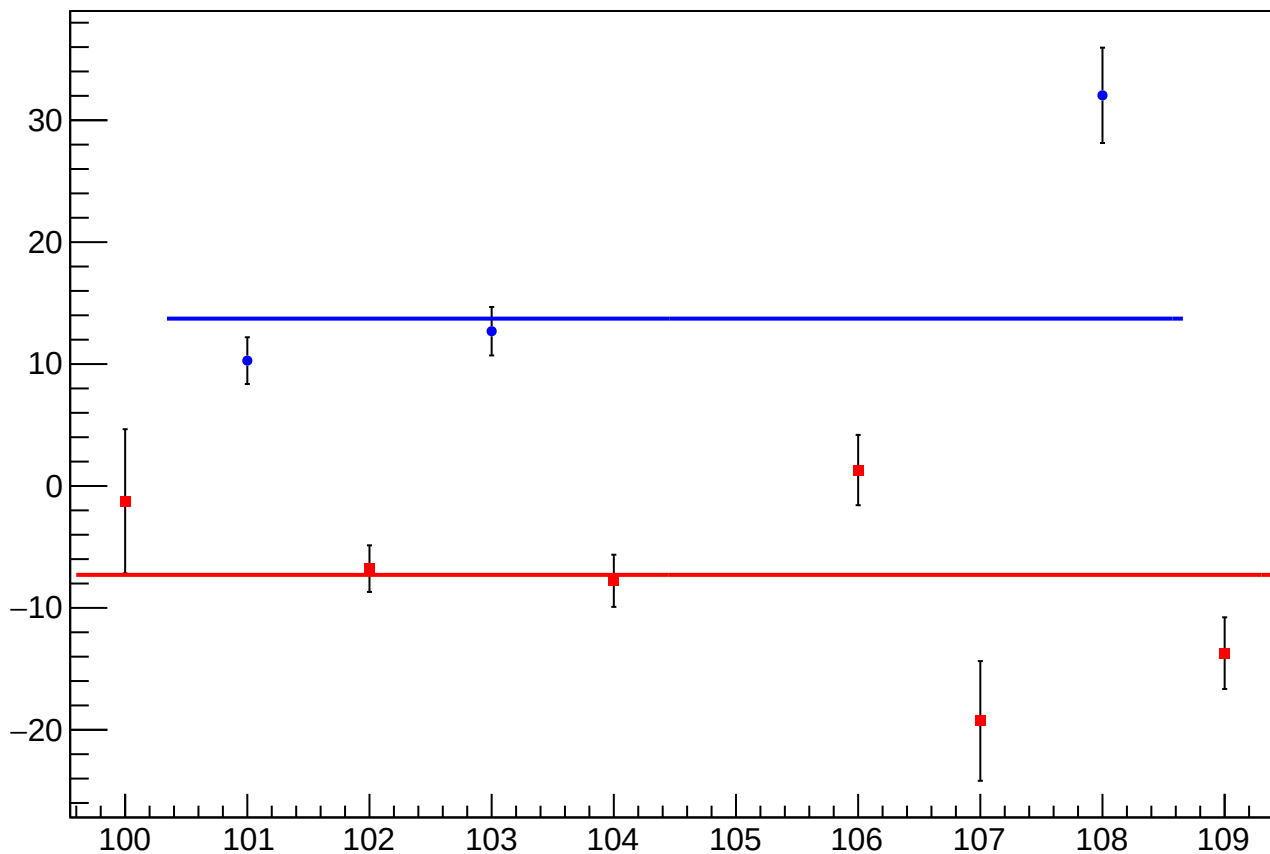
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5791.029 $\pm$ 2.052 χ^2 /NDF: 24058.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_mean vs Slug



Right In: 13.728 $\pm$ 1.301 χ^2 /NDF: 25.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.291 $\pm$ 1.119 χ^2 /NDF: 20.8/5

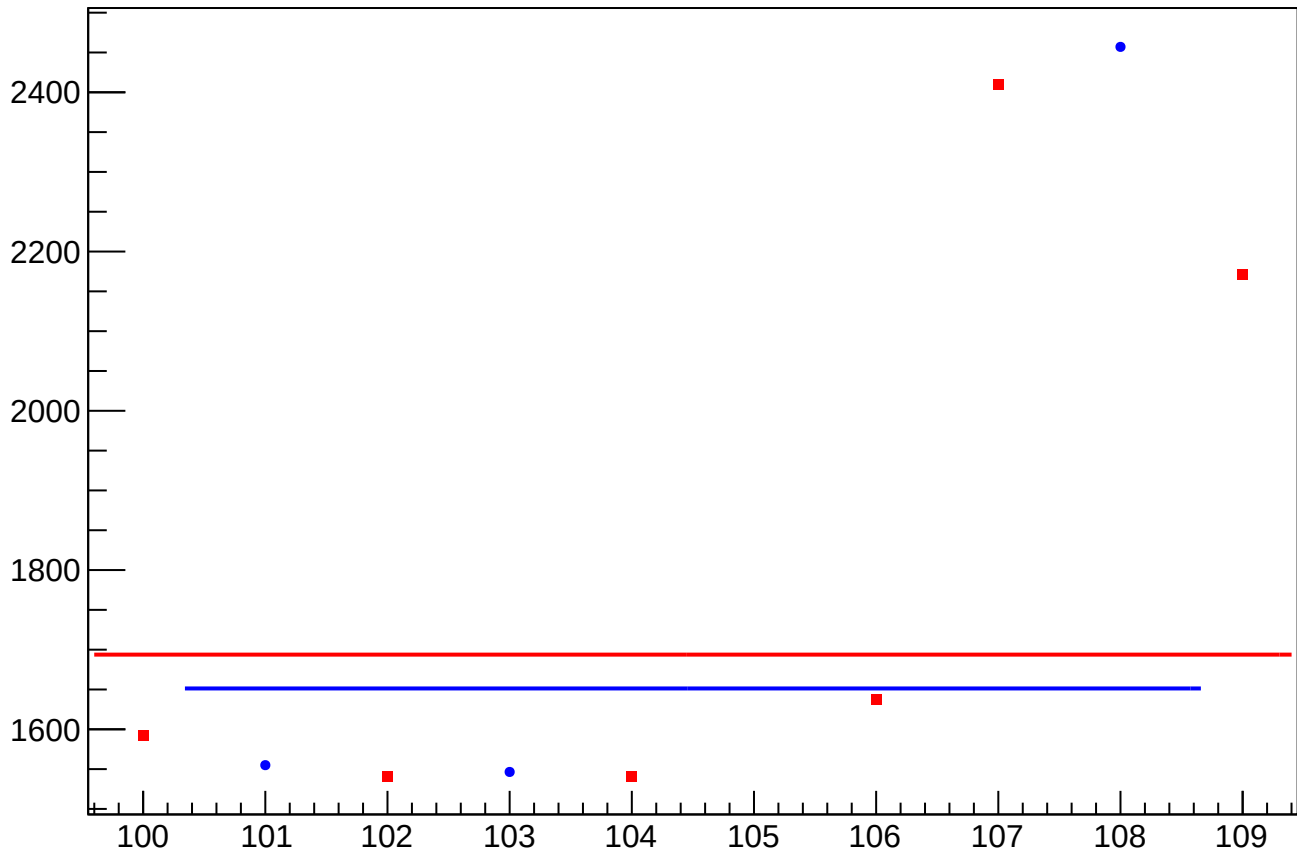
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.645 $\pm$ 0.848 χ^2 /NDF: 196.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_rms vs Slug



Right In: 1651.297 $\pm$ 0.920 χ^2 /NDF: 95593.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1693.785 $\pm$ 0.791 χ^2 /NDF: 119894.5/5

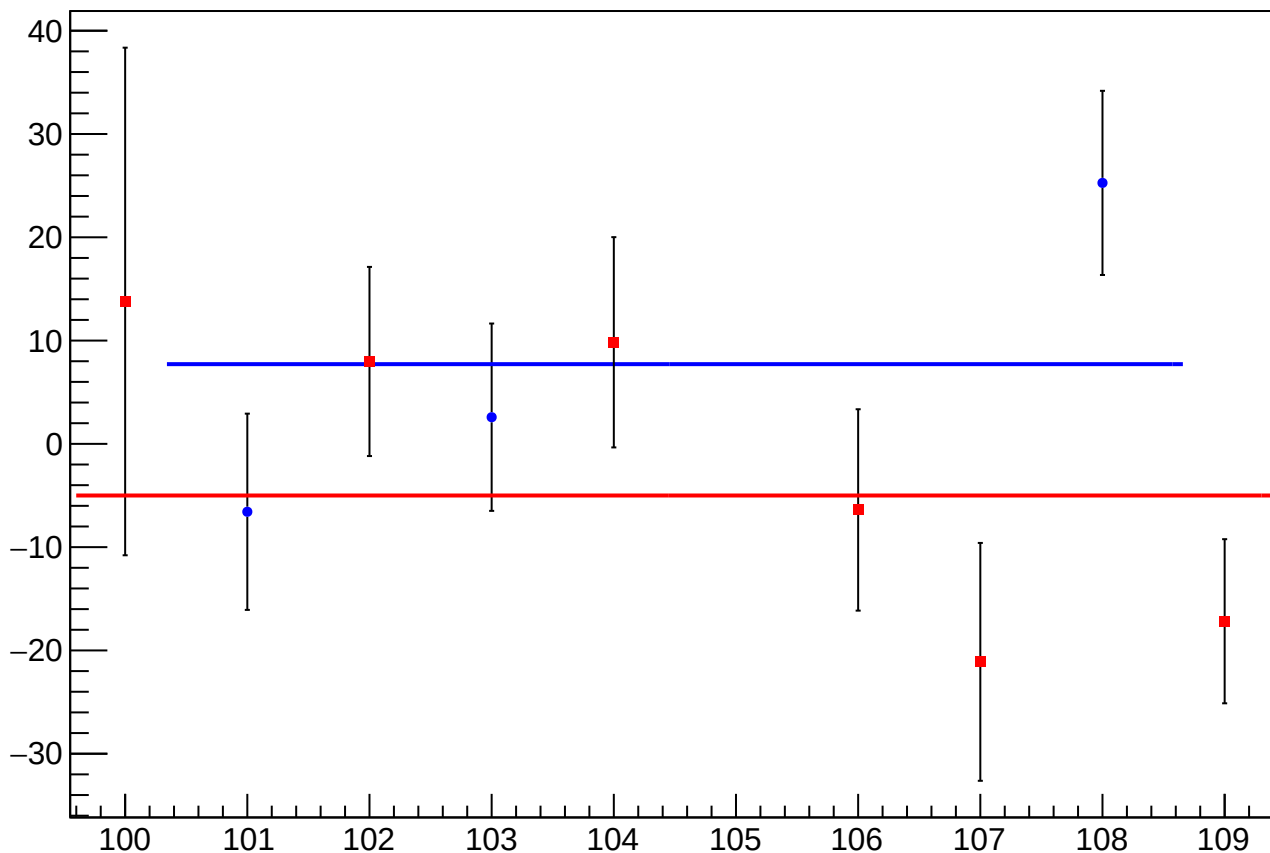
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1675.722 $\pm$ 0.600 χ^2 /NDF: 216713.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 7.718 $\pm$ 5.284 χ^2 /NDF: 6.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.999 $\pm$ 4.184 χ^2 /NDF: 9.0/5

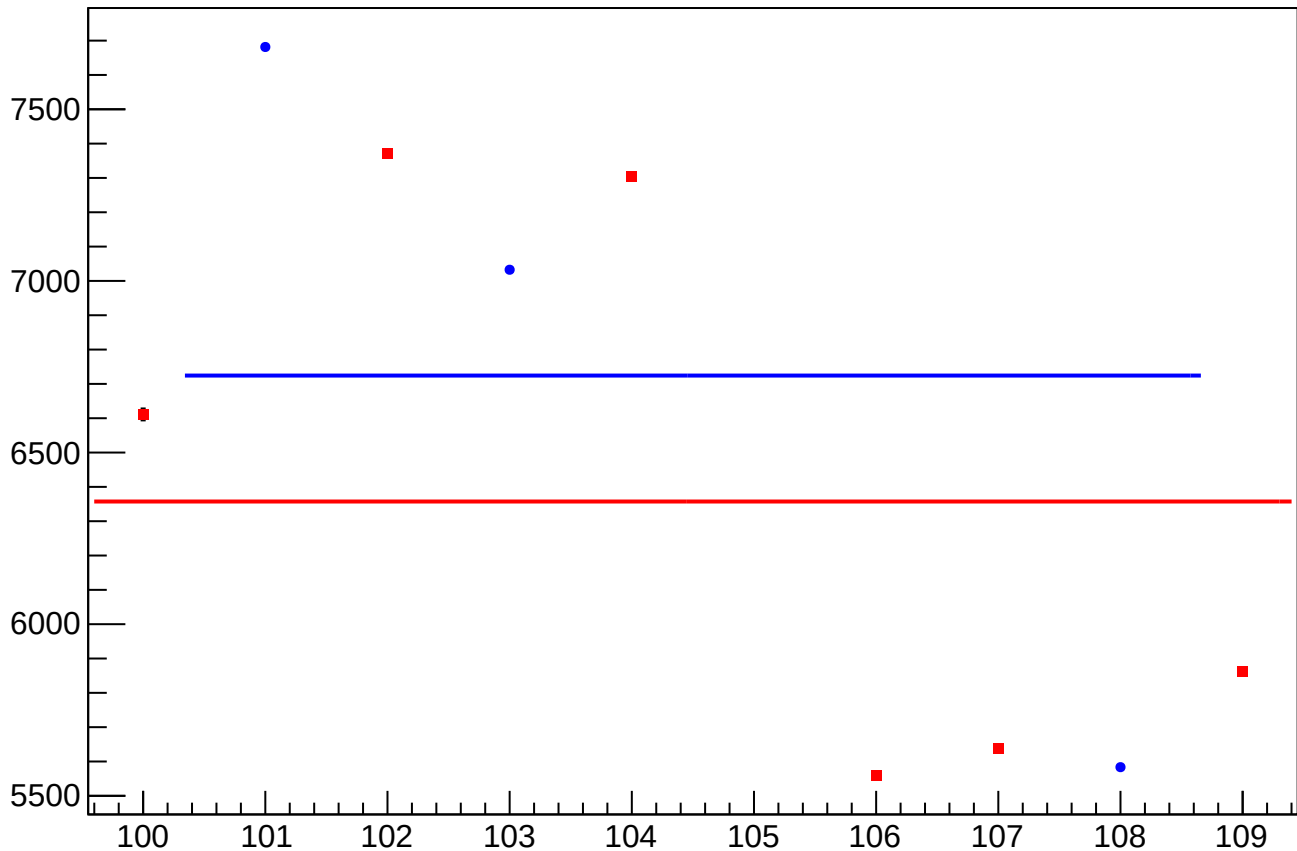
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.099 $\pm$ 3.280 χ^2 /NDF: 19.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6724.285+/-3.736 χ^2/NDF : 55364.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6357.372+/-2.958 χ^2/NDF : 70968.5/5

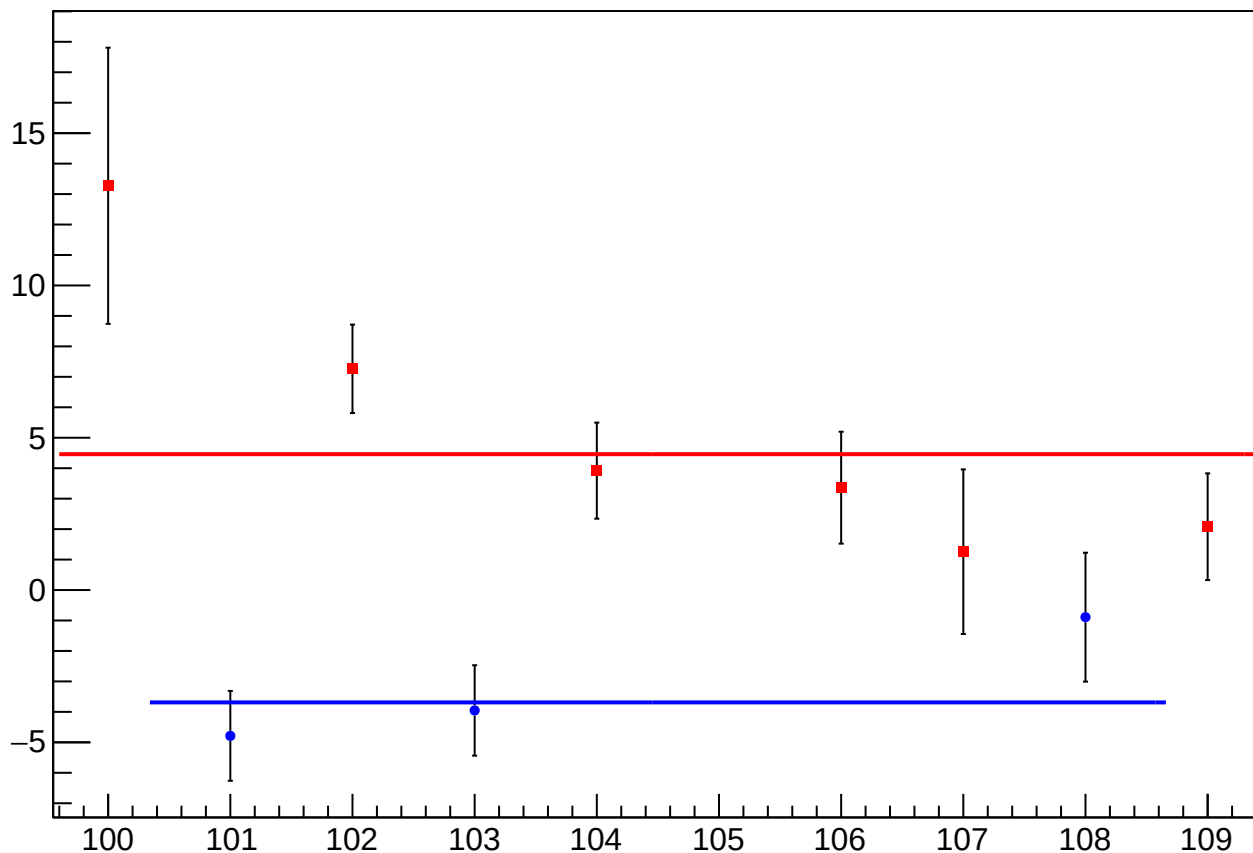
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6498.760+/-2.319 χ^2/NDF : 132261.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -3.689 $\pm$ 0.938 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.460 $\pm$ 0.771 χ^2 /NDF: 11.2/5

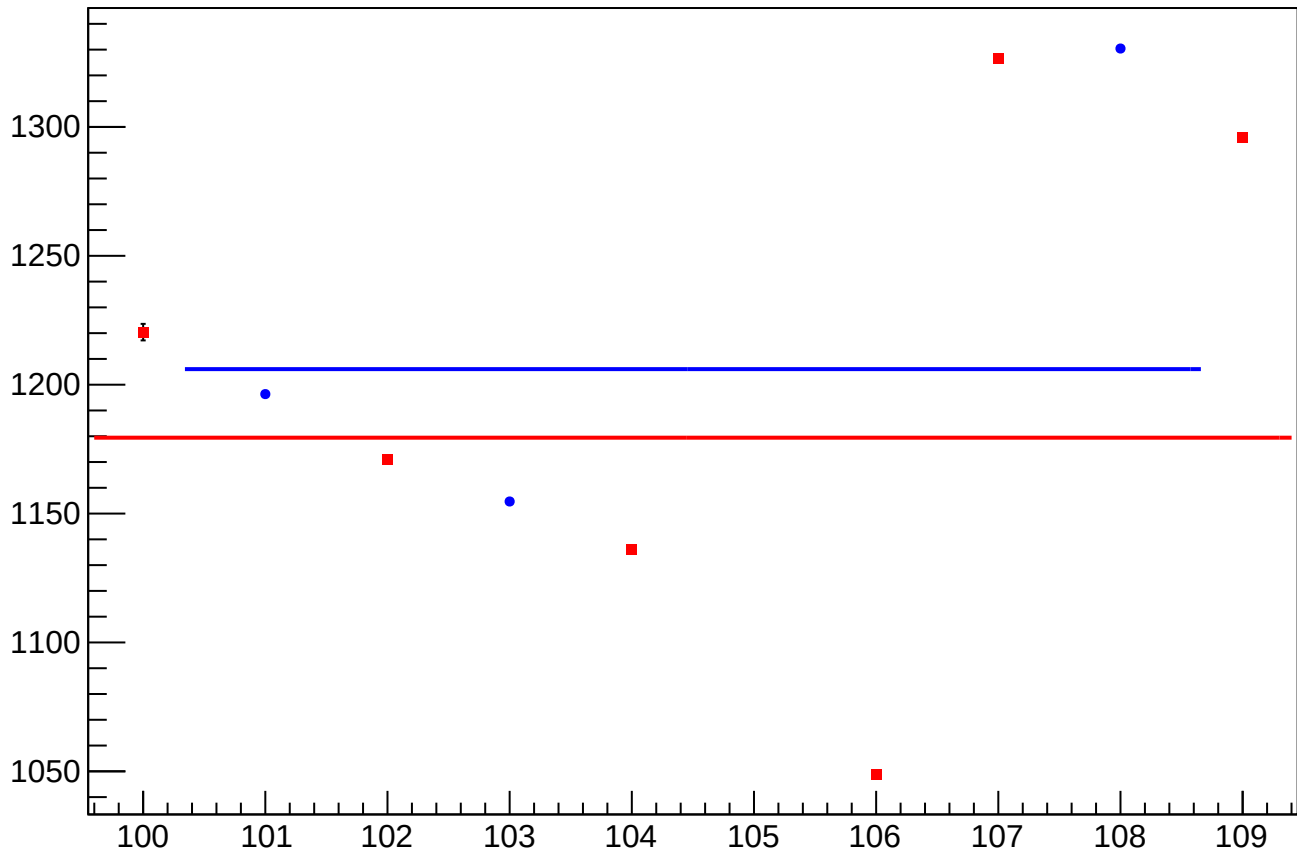
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.176 $\pm$ 0.595 χ^2 /NDF: 58.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06Y_rms vs Slug



Right In: 1206.043 $\pm$ 0.663 χ^2 /NDF: 9388.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1179.443 $\pm$ 0.545 χ^2 /NDF: 26664.7/5

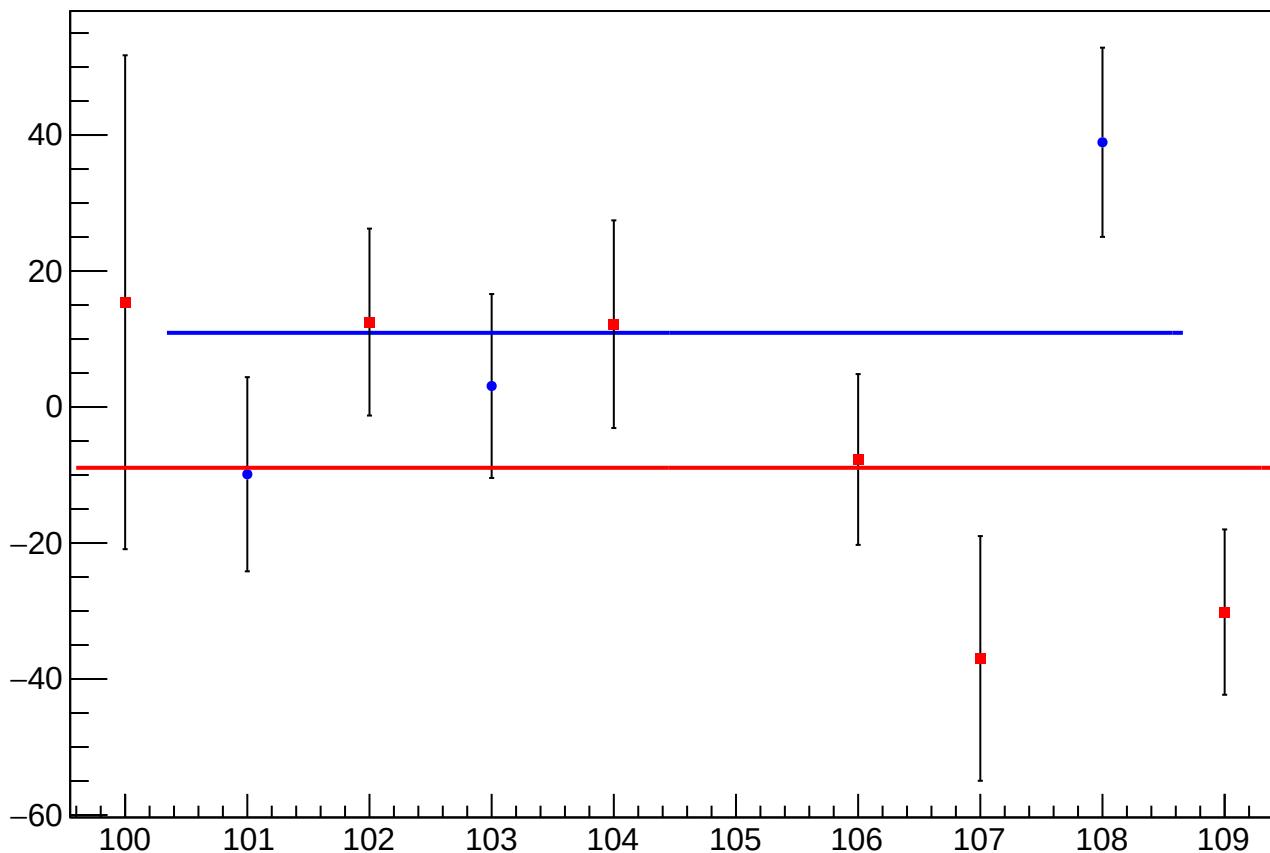
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1190.163 $\pm$ 0.421 χ^2 /NDF: 37013.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 10.910 ± 8.023 $\chi^2/\text{NDF}: 6.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.938 ± 6.139 $\chi^2/\text{NDF}: 10.3/5$

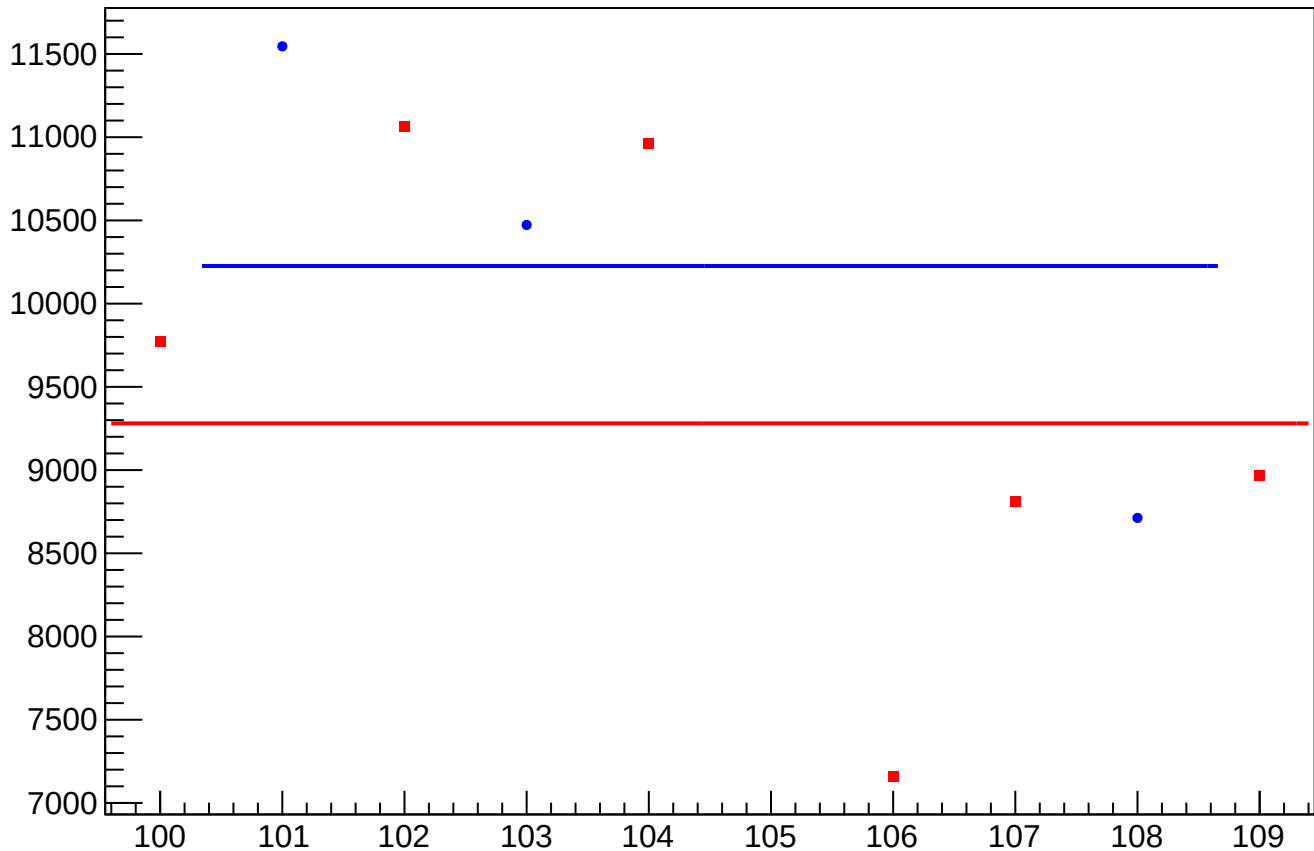
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.608 ± 4.875 $\chi^2/\text{NDF}: 20.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0l07X_rms vs Slug



Right In: 10226.269 $\pm$ 5.673 χ^2 /NDF: 41412.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9280.572 $\pm$ 4.341 χ^2 /NDF: 117881.5/5

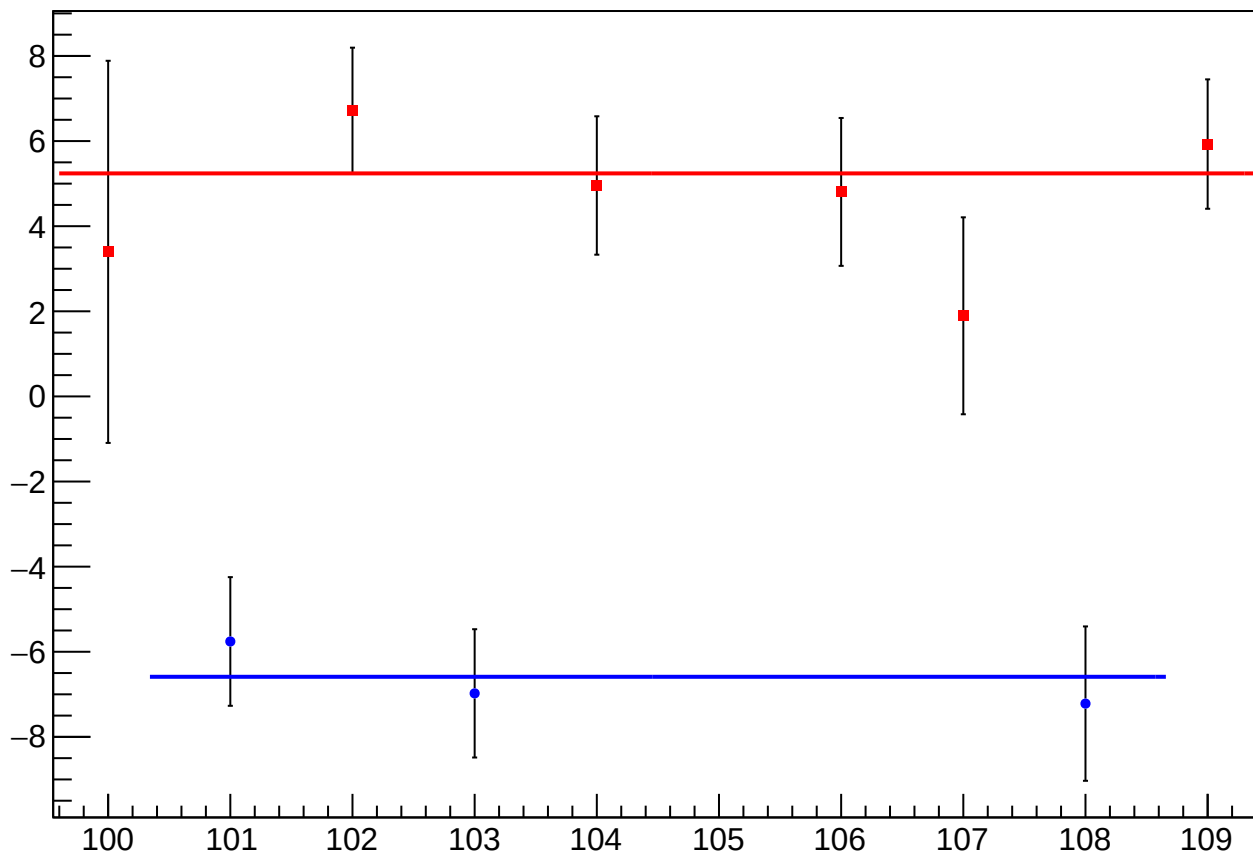
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9629.808 $\pm$ 3.447 χ^2 /NDF: 176822.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07Y_mean vs Slug



Right In: -6.588+/-0.920 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.240+/-0.739 χ^2/NDF : 3.5/5

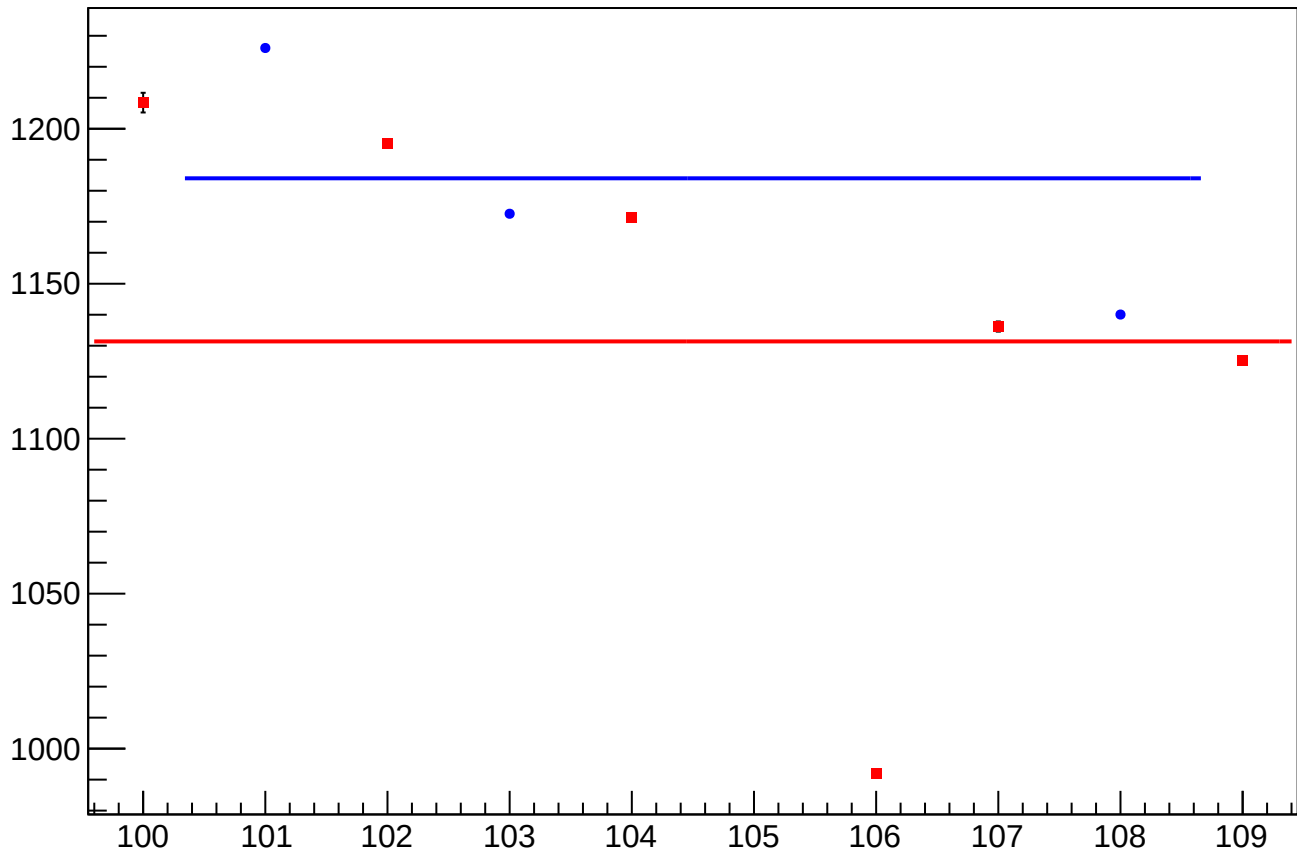
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.605+/-0.576 χ^2/NDF : 104.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1184.014+/-0.651 χ^2 /NDF: 2837.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1131.389+/-0.522 χ^2 /NDF: 18450.4/5

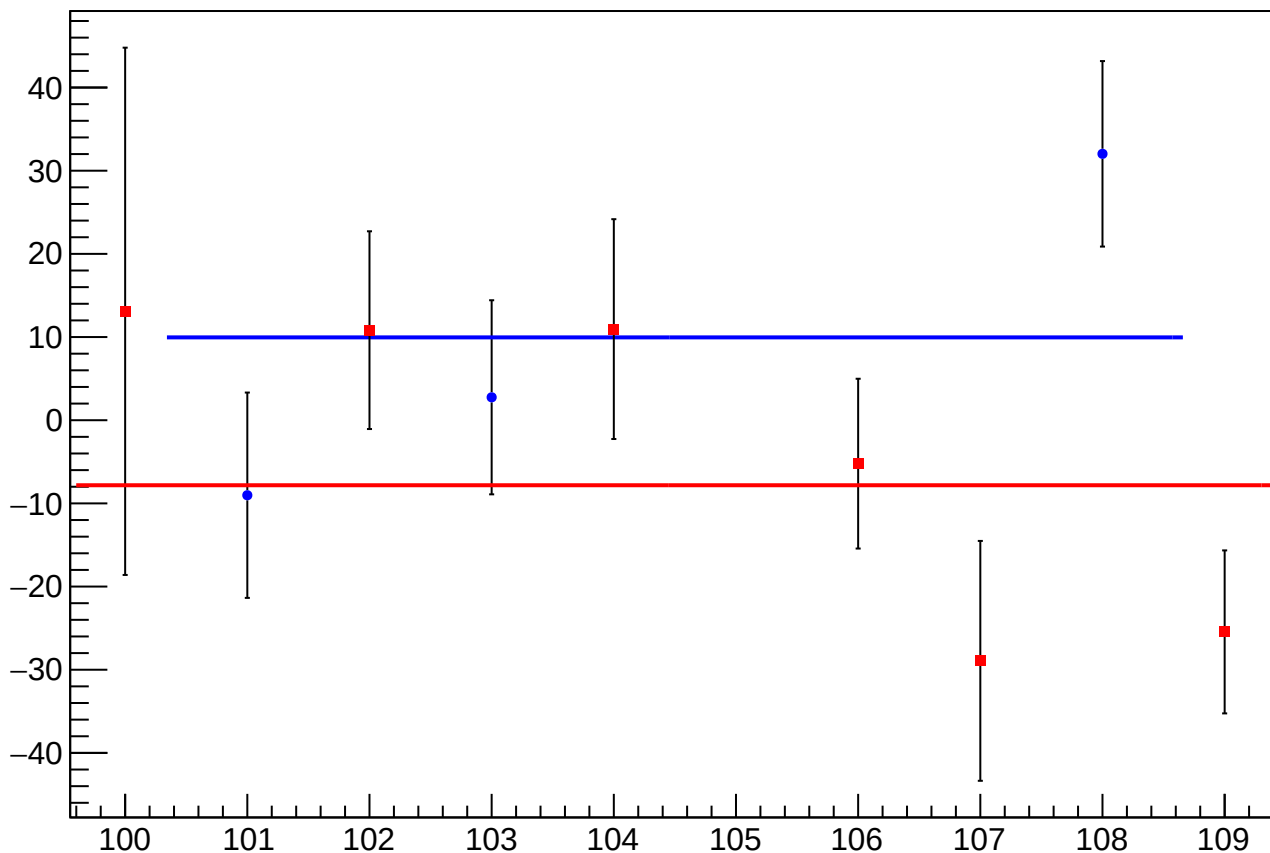
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1152.013+/-0.407 χ^2 /NDF: 25267.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_mean vs Slug



Right In: 9.960 $\pm$ 6.750 χ^2 /NDF: 6.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.818 $\pm$ 5.089 χ^2 /NDF: 10.4/5

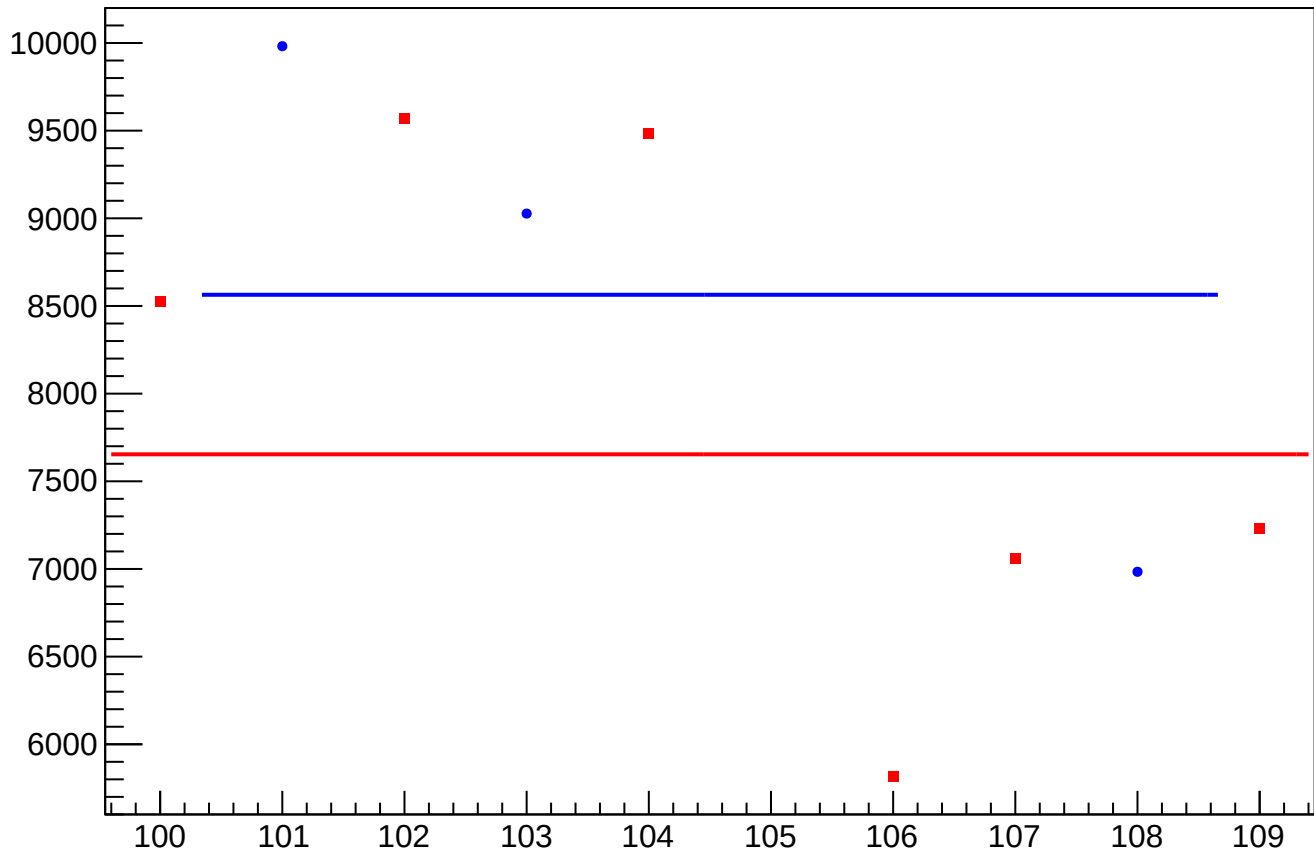
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.376 $\pm$ 4.063 χ^2 /NDF: 21.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 8563.906 $\pm$ 4.773 χ^2 /NDF: 69687.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7653.932 $\pm$ 3.598 χ^2 /NDF: 163756.7/5

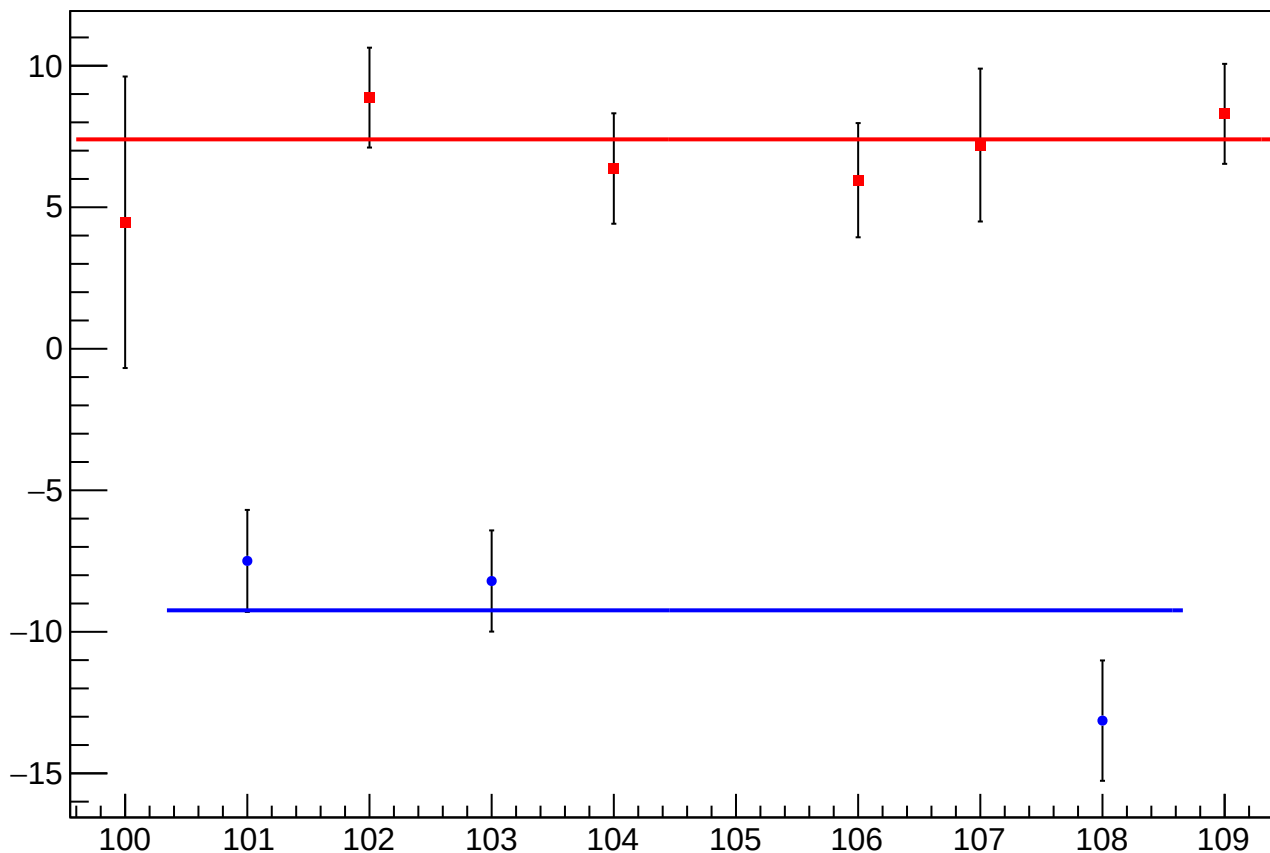
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7983.699 $\pm$ 2.873 χ^2 /NDF: 256621.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08Y_mean vs Slug



Right In: -9.241 $\pm$ 1.090 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.399 $\pm$ 0.869 χ^2 /NDF: 2.1/5

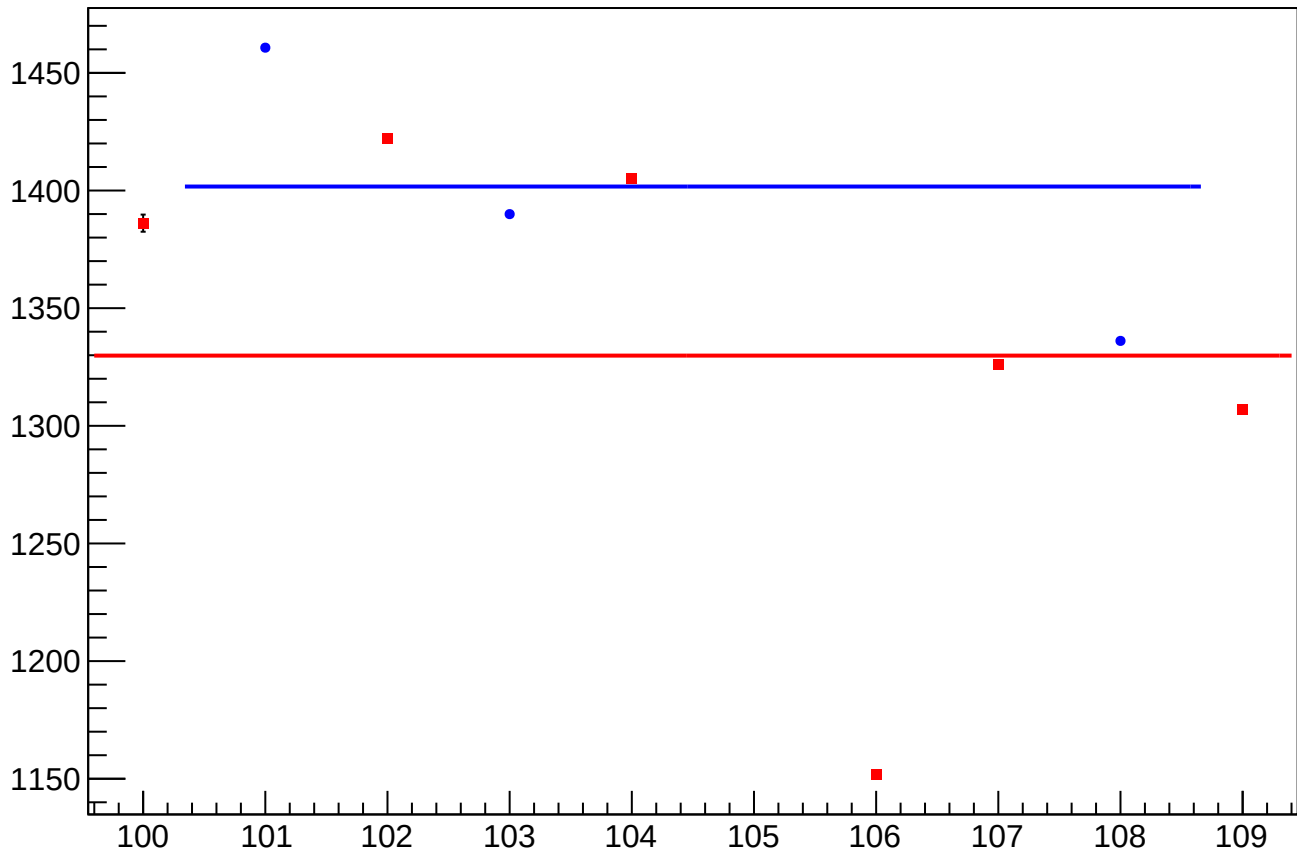
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.932 $\pm$ 0.679 χ^2 /NDF: 149.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1401.700 $\pm$ 0.770 χ^2 /NDF: 4137.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1329.841 $\pm$ 0.614 χ^2 /NDF: 24602.5/5

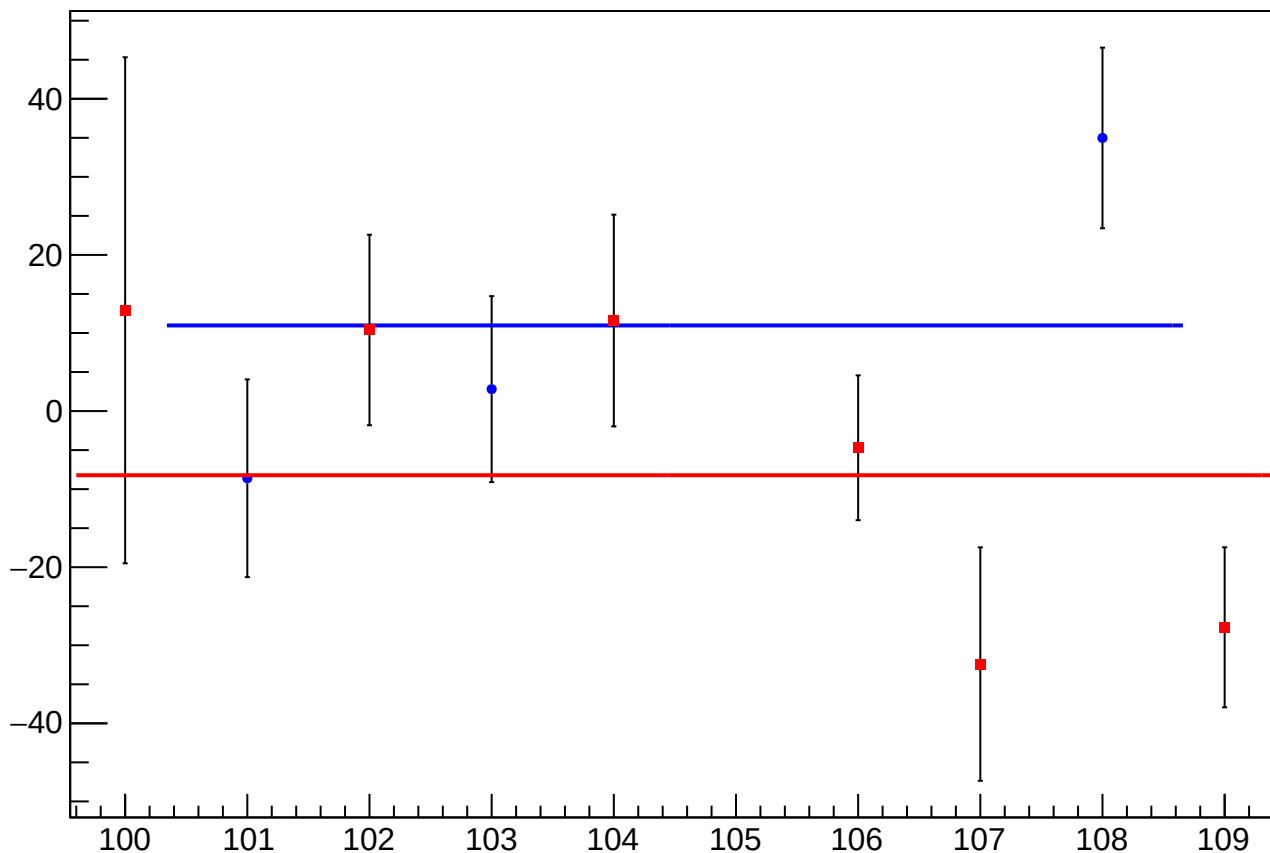
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1357.770 $\pm$ 0.480 χ^2 /NDF: 34058.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 10.968 $\pm$ 6.941 χ^2 /NDF: 7.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.219 $\pm$ 5.082 χ^2 /NDF: 11.3/5

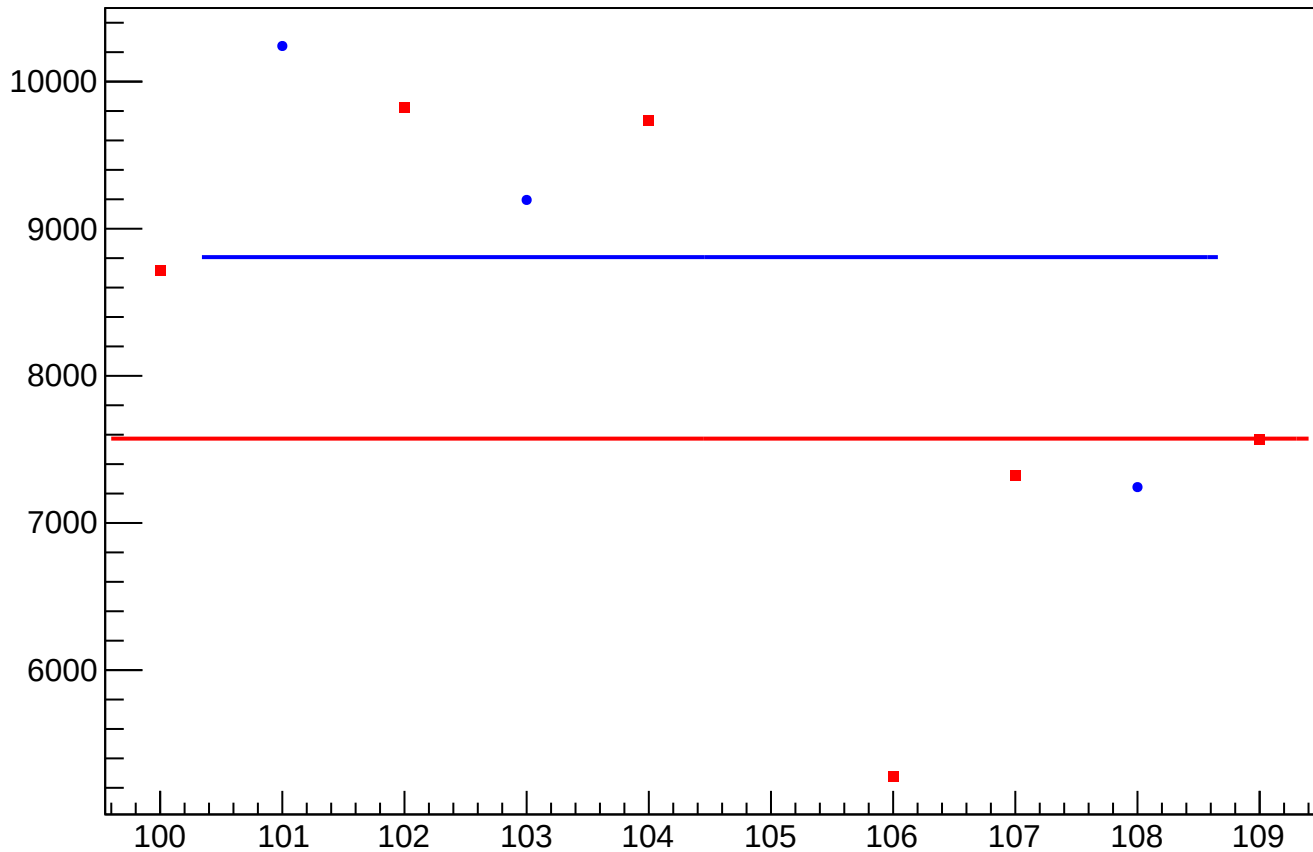
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.523 $\pm$ 4.100 χ^2 /NDF: 23.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_rms vs Slug



Right In: 8806.973+/-4.908 χ^2/NDF : 64338.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7573.365+/-3.593 χ^2/NDF : 244705.9/5

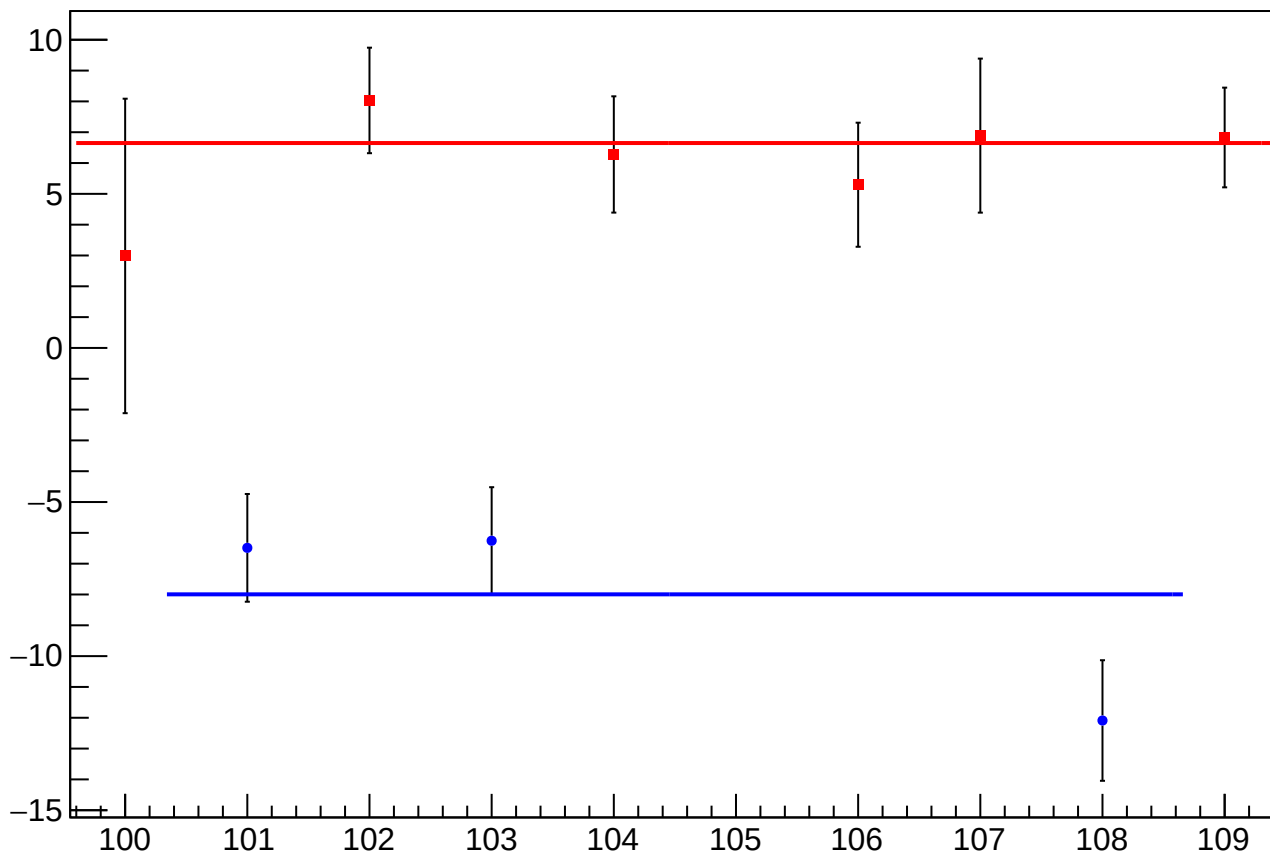
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8003.874+/-2.899 χ^2/NDF : 350176.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09Y_mean vs Slug



Right In: -7.995 $\pm$ 1.043 χ^2 /NDF: 6.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.649 $\pm$ 0.831 χ^2 /NDF: 1.7/5

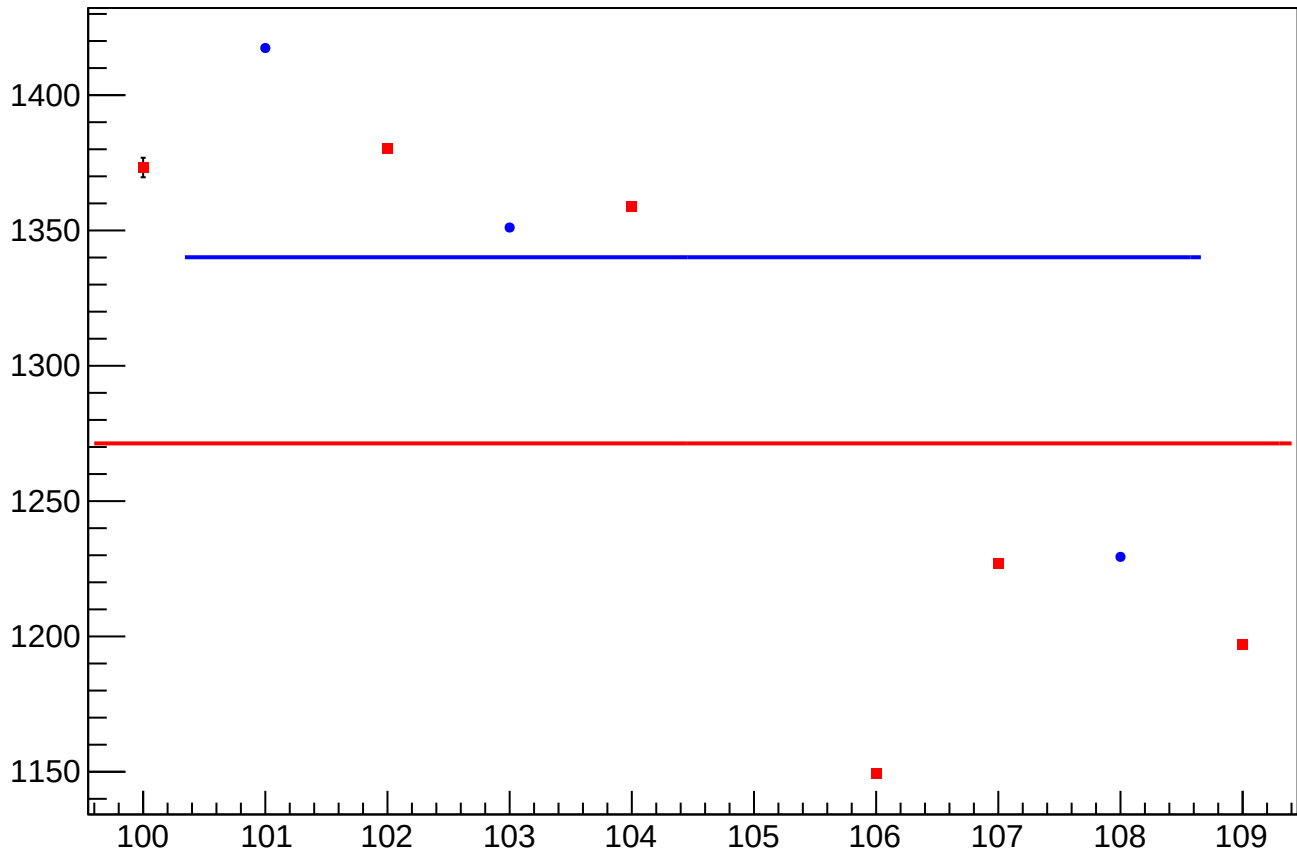
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.963 $\pm$ 0.650 χ^2 /NDF: 128.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1340.107 $\pm$ 0.737 χ^2 /NDF: 10398.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1271.327 $\pm$ 0.587 χ^2 /NDF: 25392.9/5

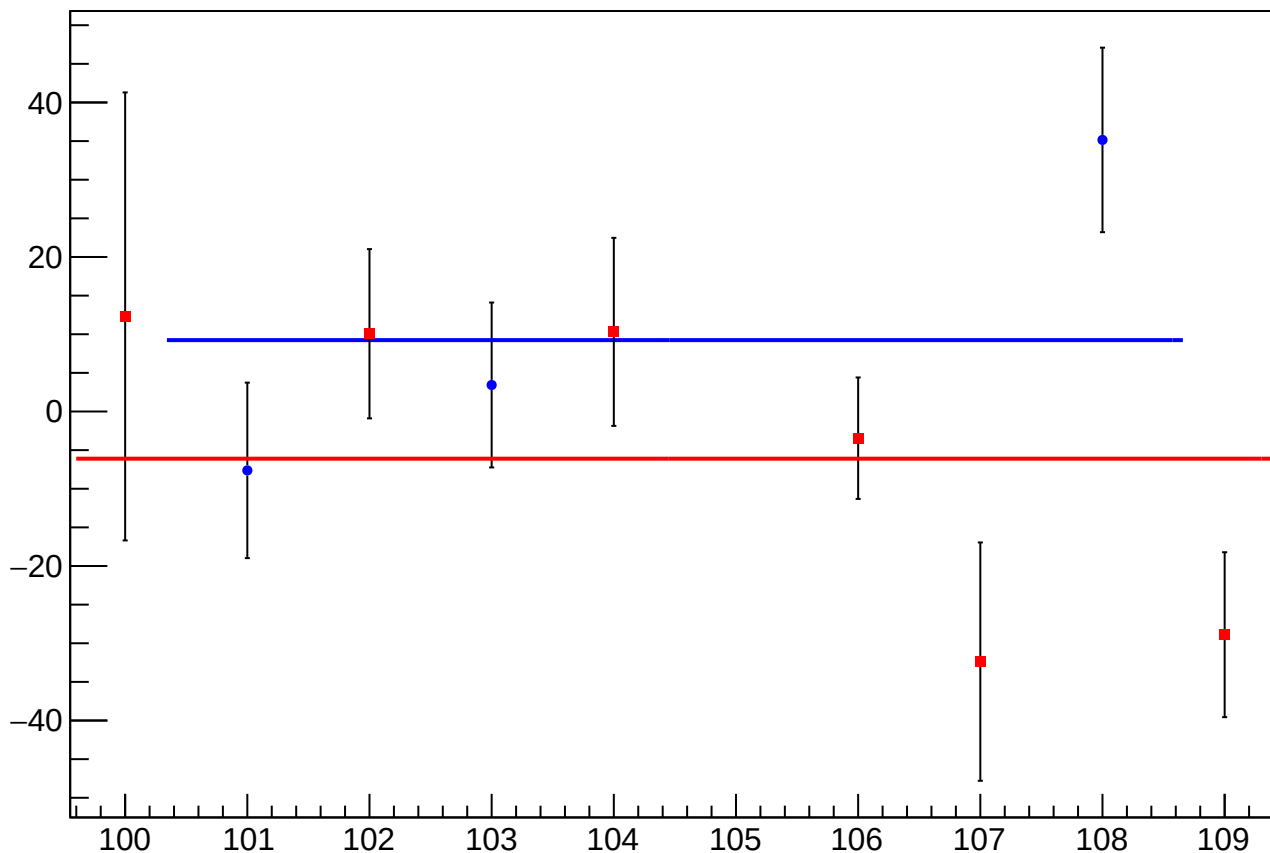
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1298.032 $\pm$ 0.459 χ^2 /NDF: 41116.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 9.239+/-6.517 χ^2/NDF : 7.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.107+/-4.691 χ^2/NDF : 12.0/5

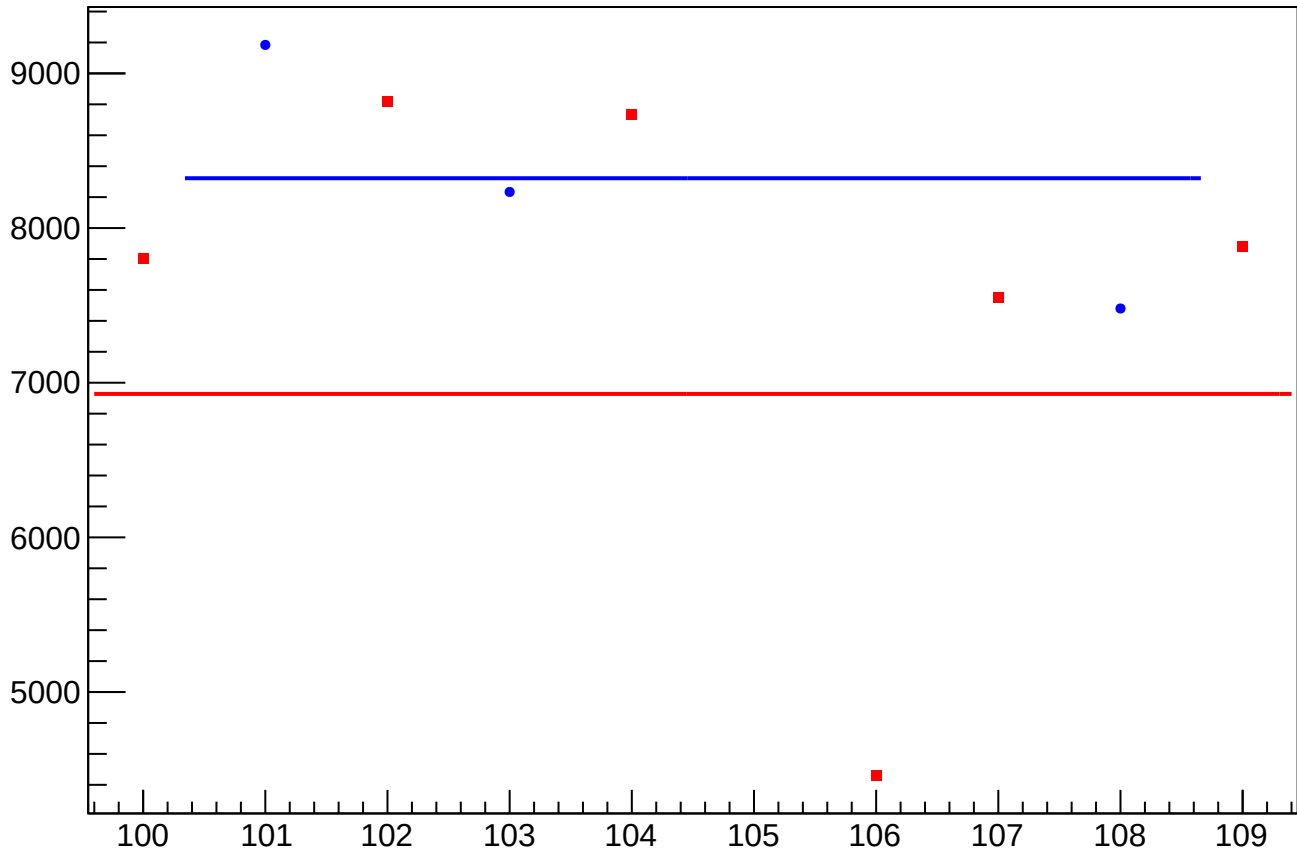
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.869+/-3.807 χ^2/NDF : 22.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 8322.174 $\pm$ 4.608 χ^2 /NDF: 21610.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6927.629 $\pm$ 3.317 χ^2 /NDF: 322275.4/5

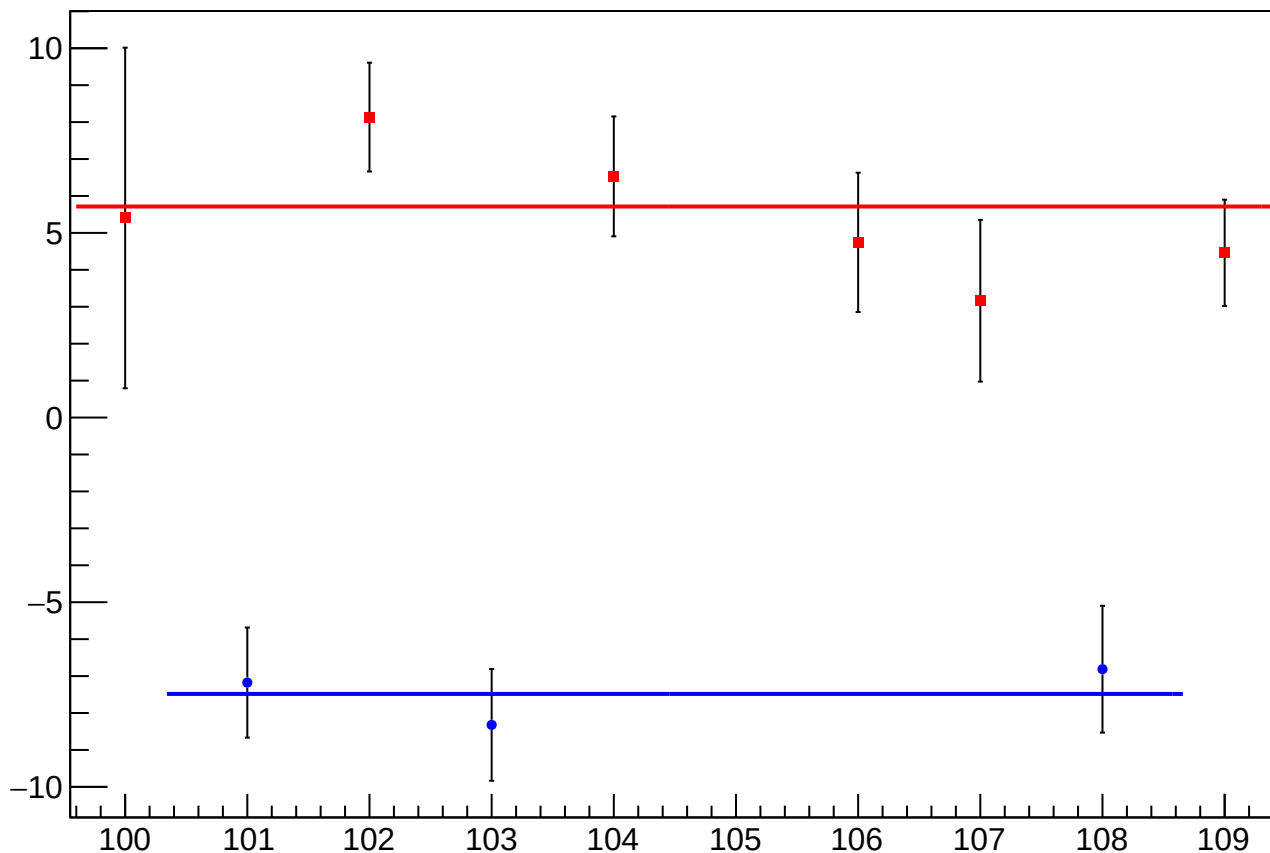
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7403.607 $\pm$ 2.692 χ^2 /NDF: 404208.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -7.483+/-0.903 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.715+/-0.733 χ^2/NDF : 5.3/5

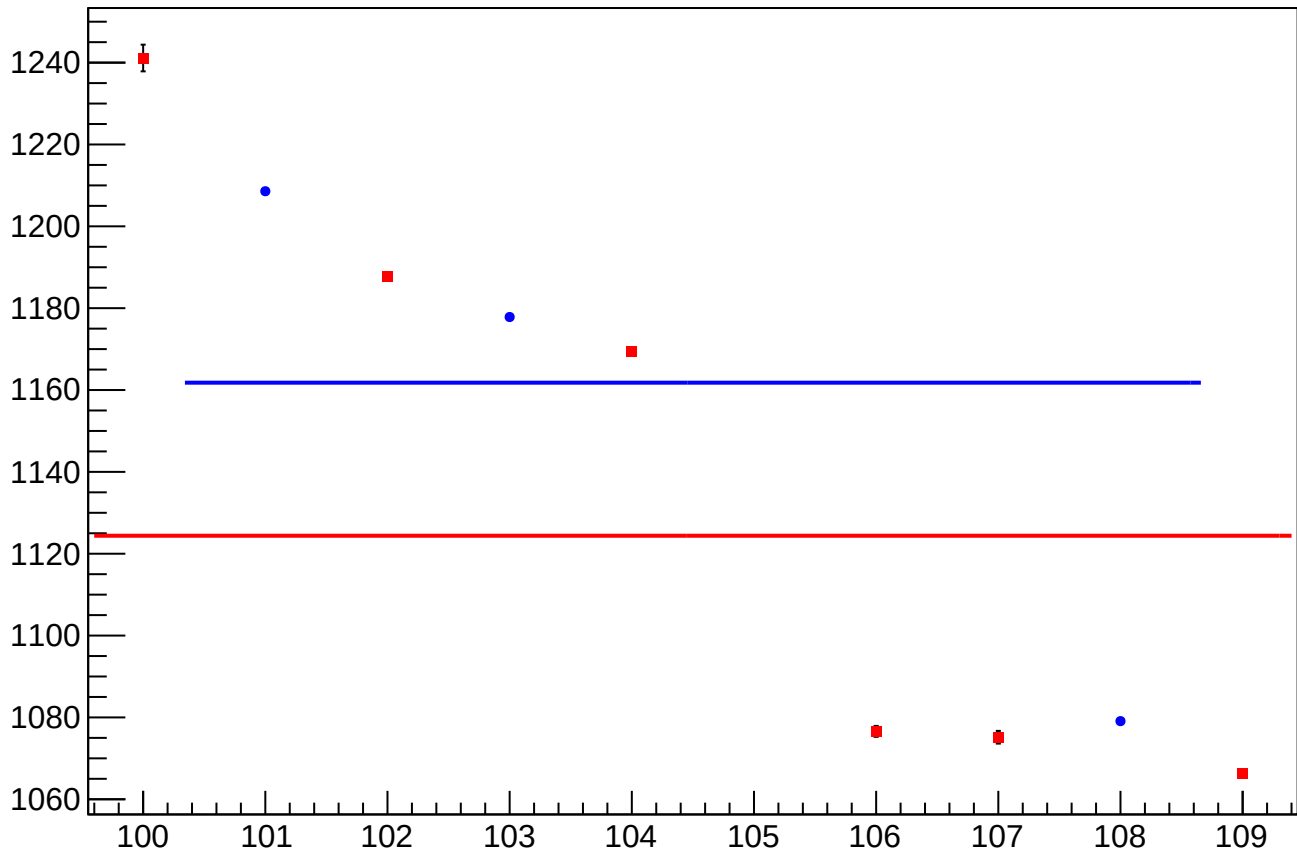
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.470+/-0.569 χ^2/NDF : 134.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 1161.796 $\pm$ 0.639 χ^2 /NDF: 6837.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1124.394 $\pm$ 0.519 χ^2 /NDF: 12056.3/5

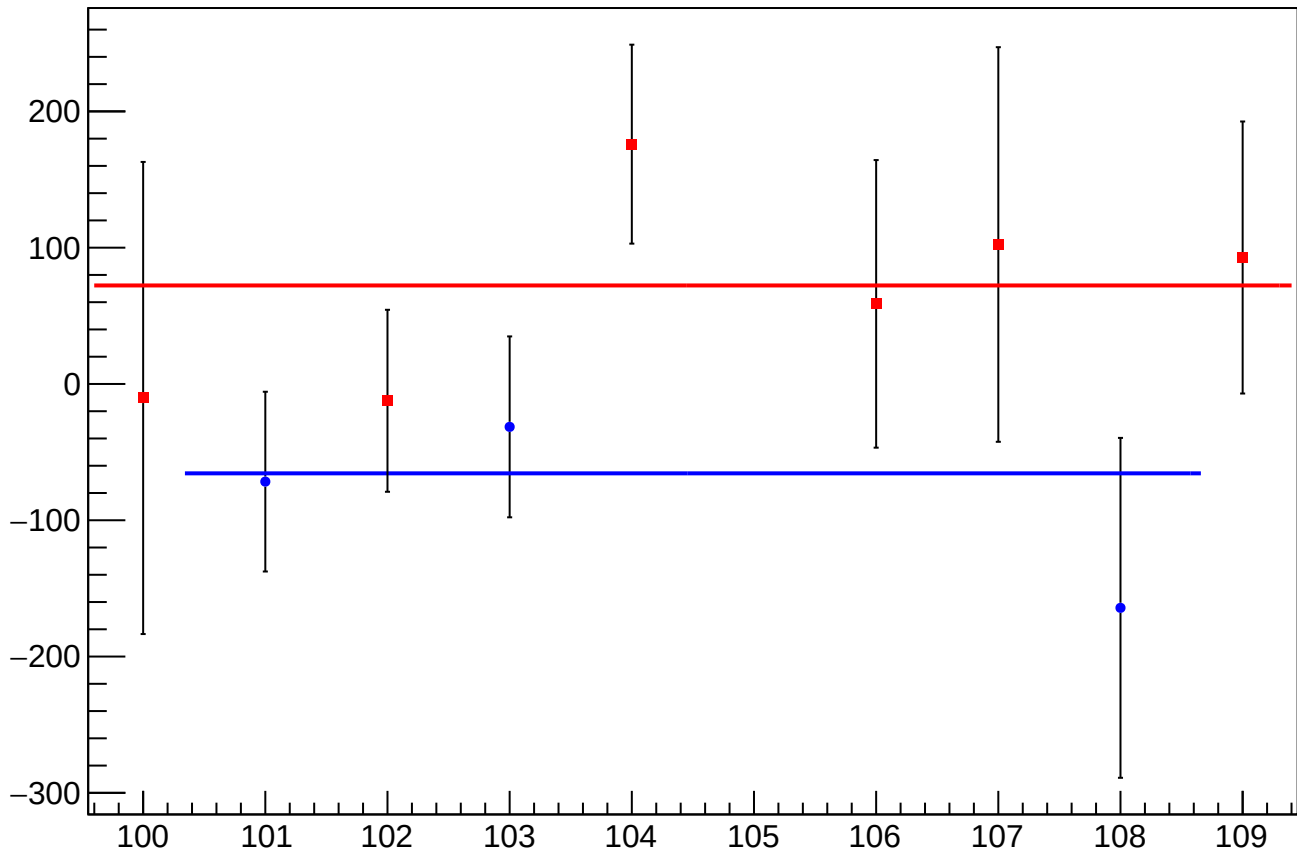
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1139.258 $\pm$ 0.403 χ^2 /NDF: 20960.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_mean vs Slug



Right In: -65.581 ± 43.798 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 72.281 ± 38.254 χ^2/NDF : 4.0/5

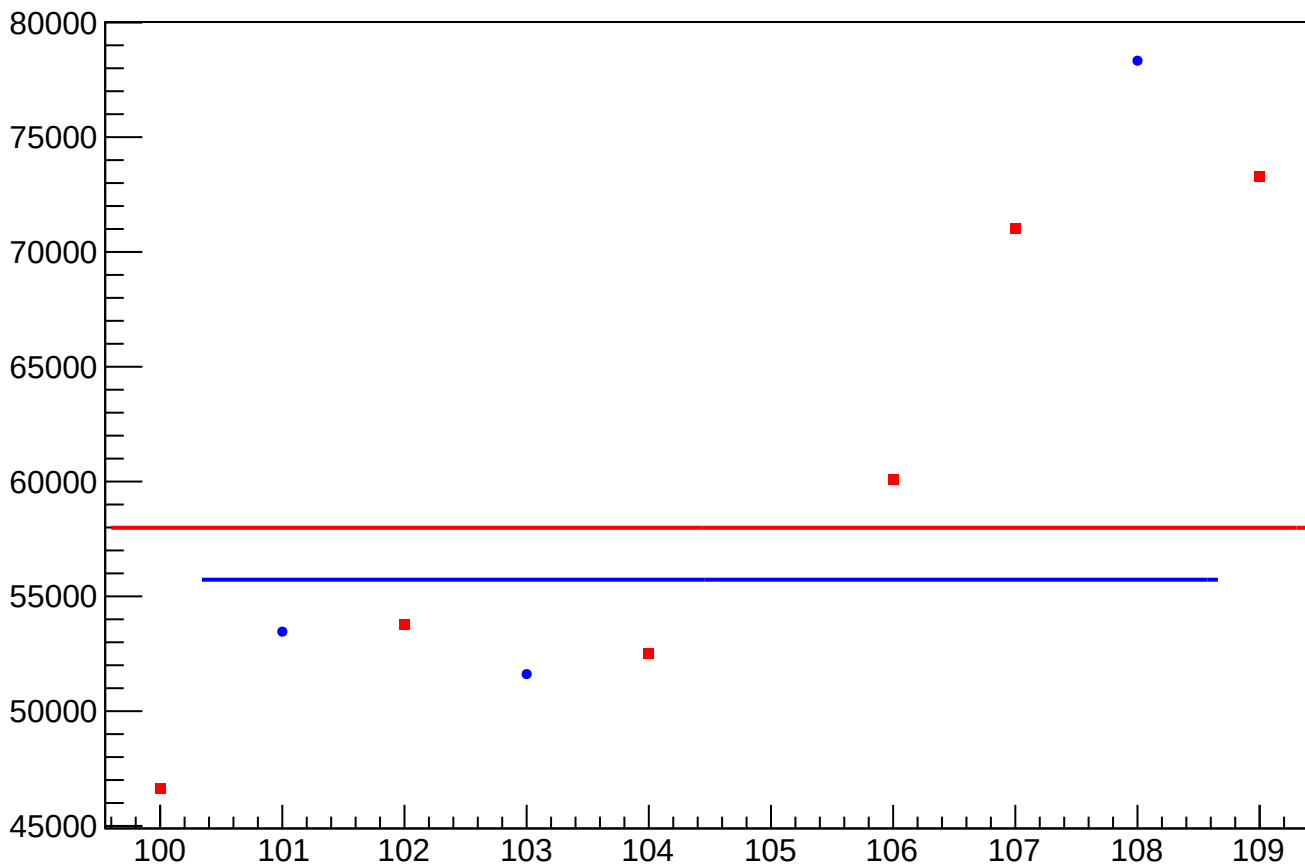
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 12.623 ± 28.812 χ^2/NDF : 10.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0r03X_rms vs Slug



Right In: 55725.950 $\pm$ 30.970 χ^2 /NDF: 75748.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

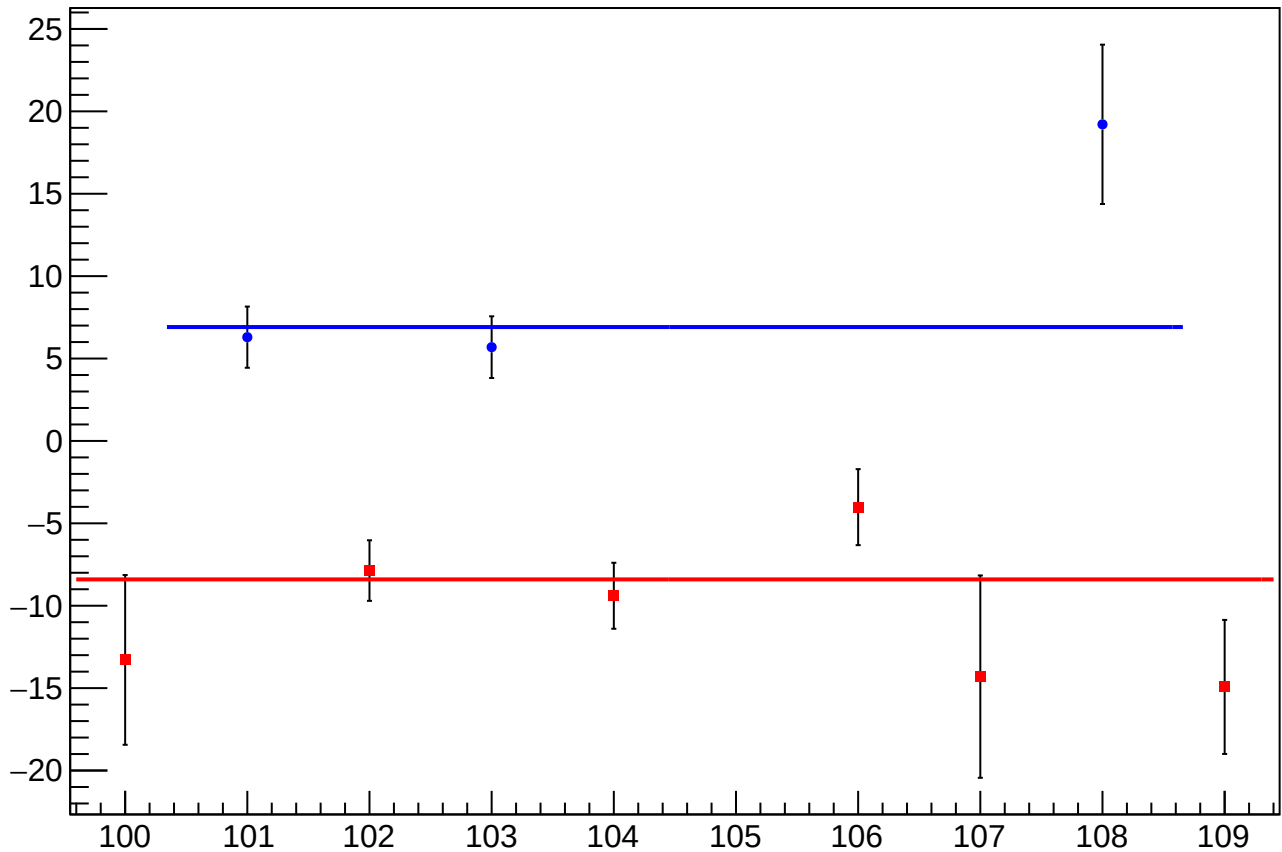
Right Out: 57987.228 $\pm$ 27.050 χ^2 /NDF: 91960.1/5

All: 57008.681 $\pm$ 20.373 χ^2 /NDF: 170733.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_mean vs Slug



Right In: 6.911 ± 1.272 $\chi^2/\text{NDF}: 7.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.402 ± 1.079 $\chi^2/\text{NDF}: 8.3/5$

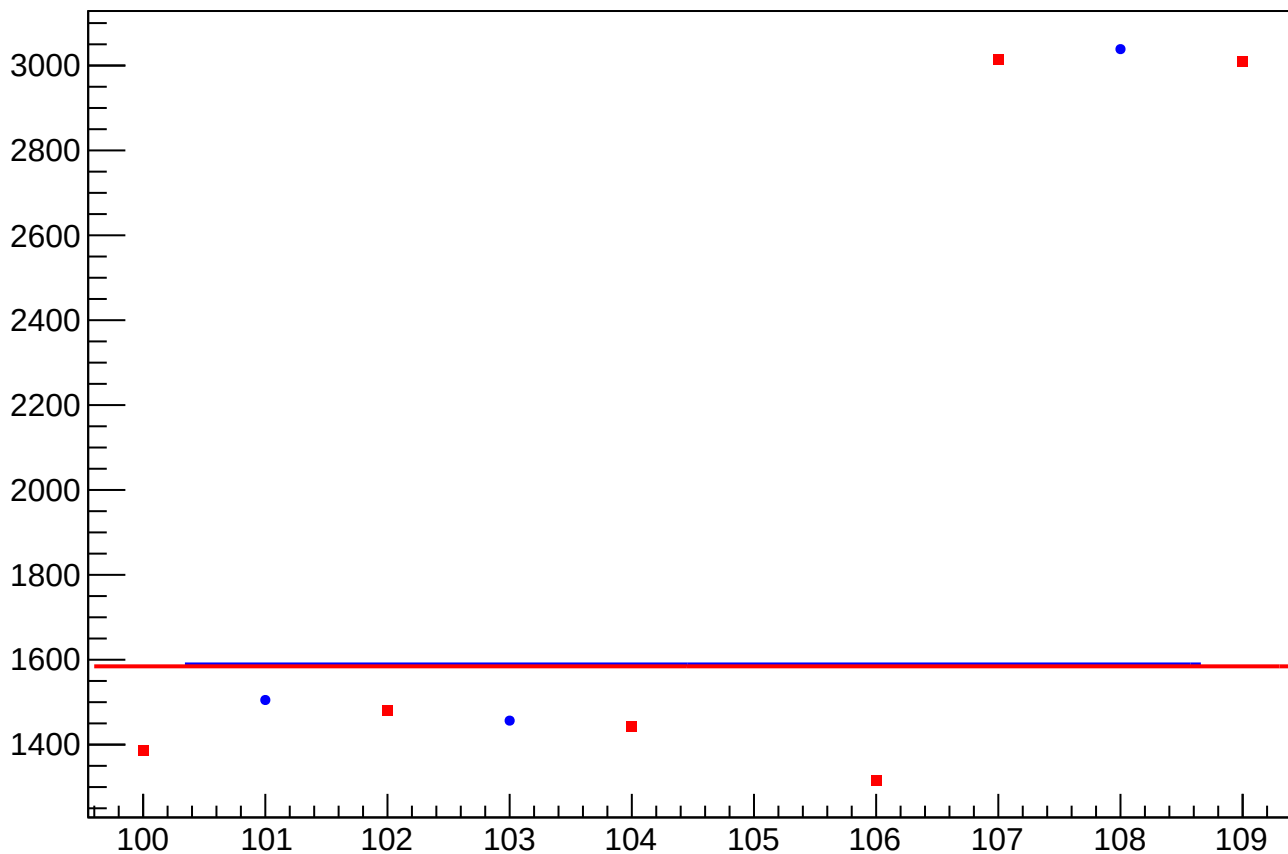
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.991 ± 0.823 $\chi^2/\text{NDF}: 99.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0r03Y_rms vs Slug



Right In: 1588.860+/-0.899 χ^2/NDF : 193936.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1584.438+/-0.763 χ^2/NDF : 400266.1/5

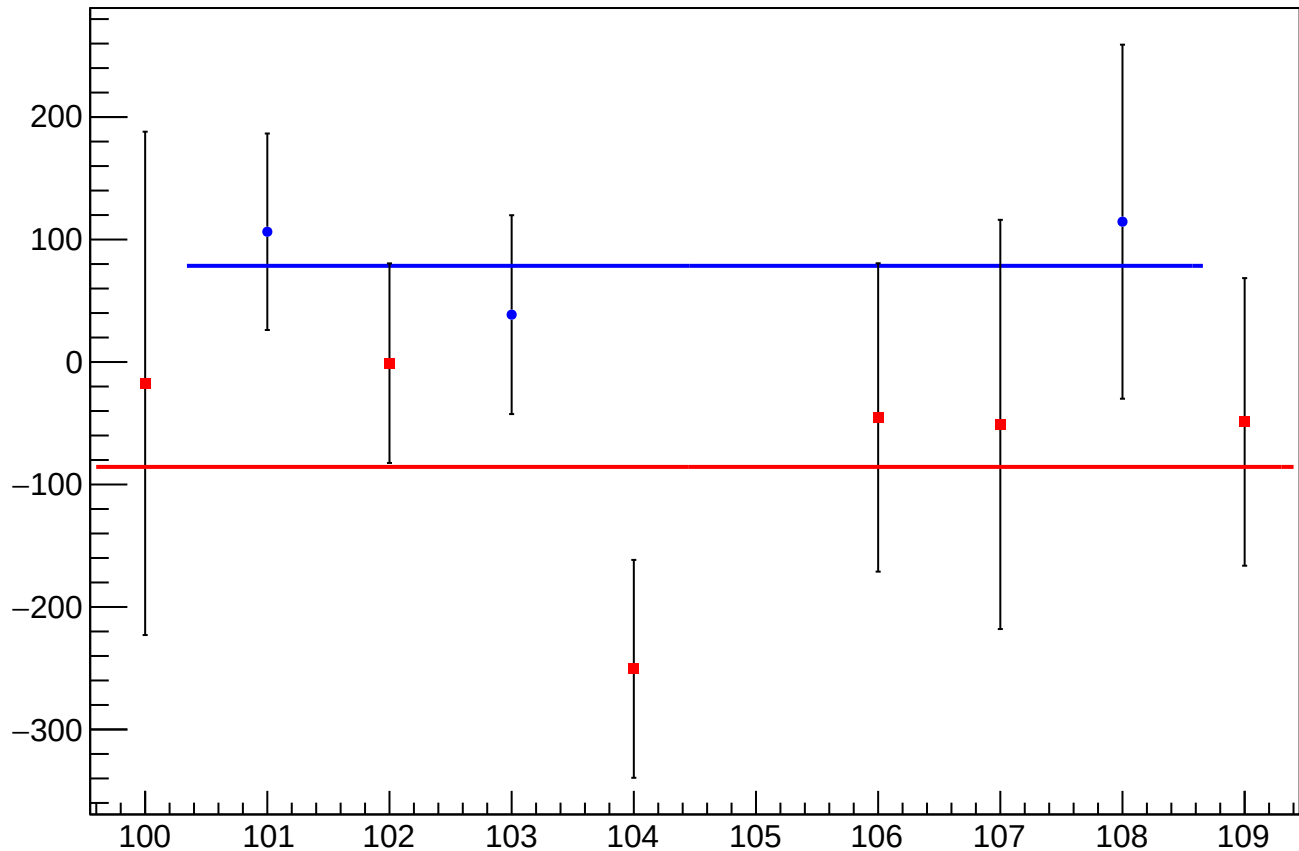
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.289+/-0.582 χ^2/NDF : 594216.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_mean vs Slug



Right In: 78.541 $\pm$ 53.069 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.635 $\pm$ 46.017 χ^2 /NDF: 4.9/5

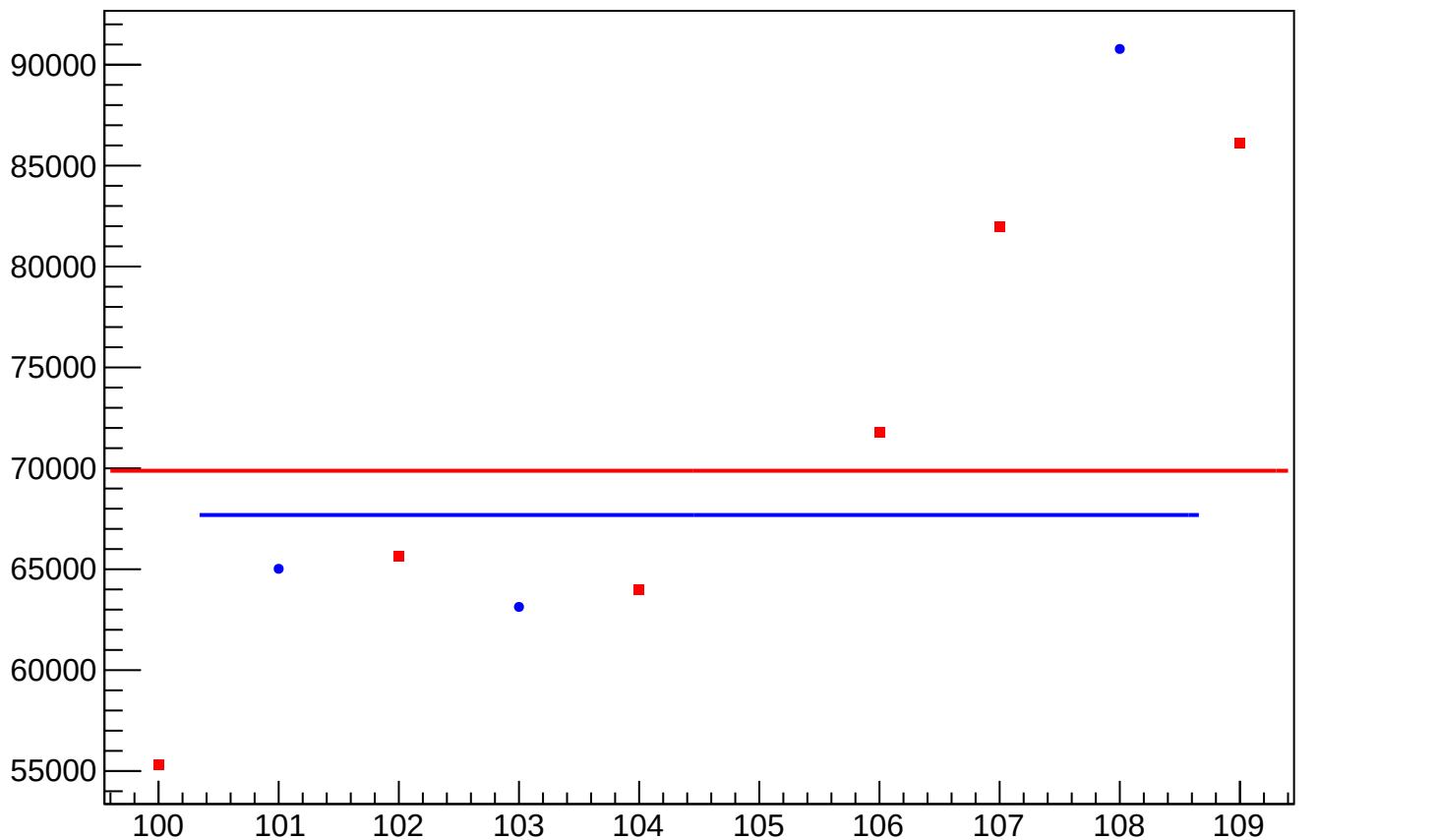
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.172 $\pm$ 34.767 χ^2 /NDF: 10.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05X_rms vs Slug



Right In: 67687.559+/-37.525 χ^2/NDF : 59560.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69879.736+/-32.539 χ^2/NDF : 73532.5/5

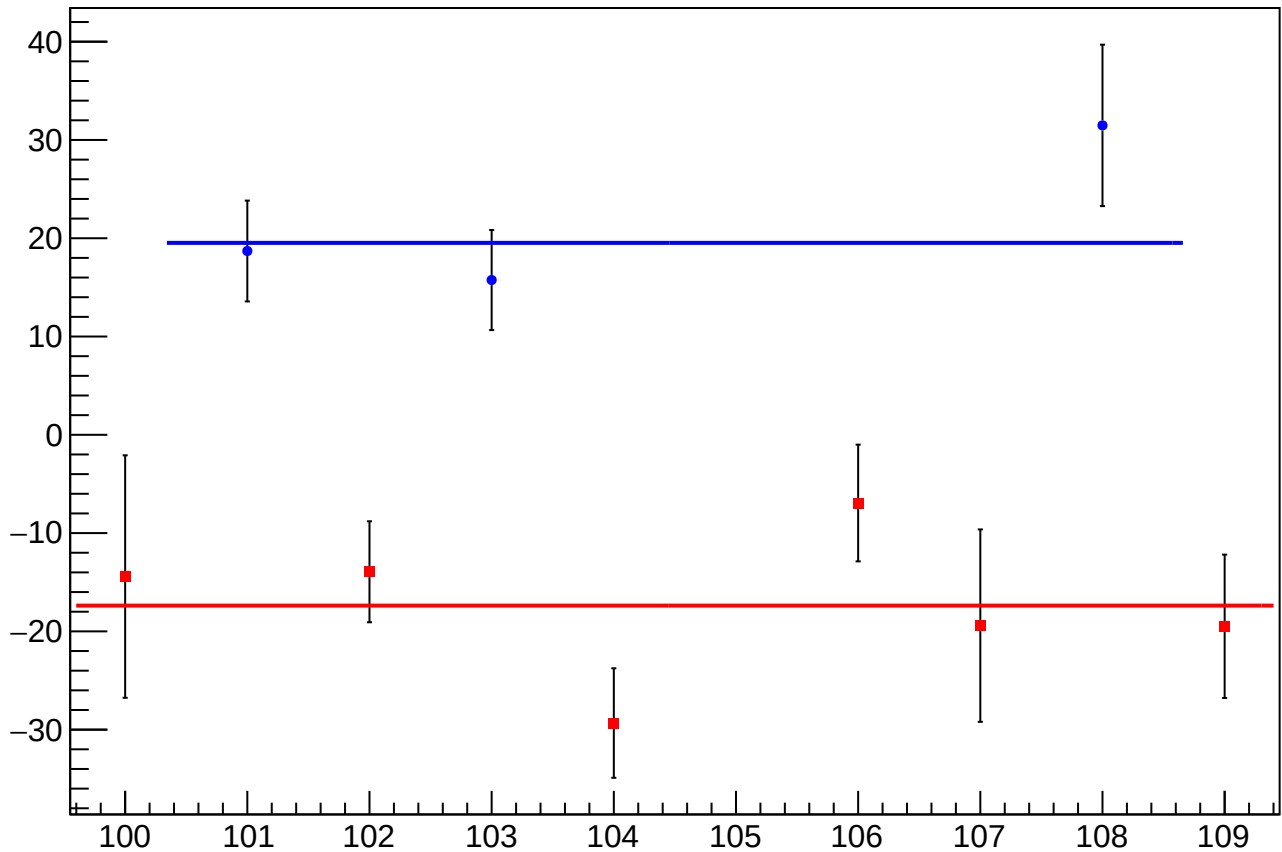
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68938.872+/-24.584 χ^2/NDF : 135041.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 19.528+/-3.308 χ^2 /NDF: 2.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -17.379+/-2.729 χ^2 /NDF: 8.3/5

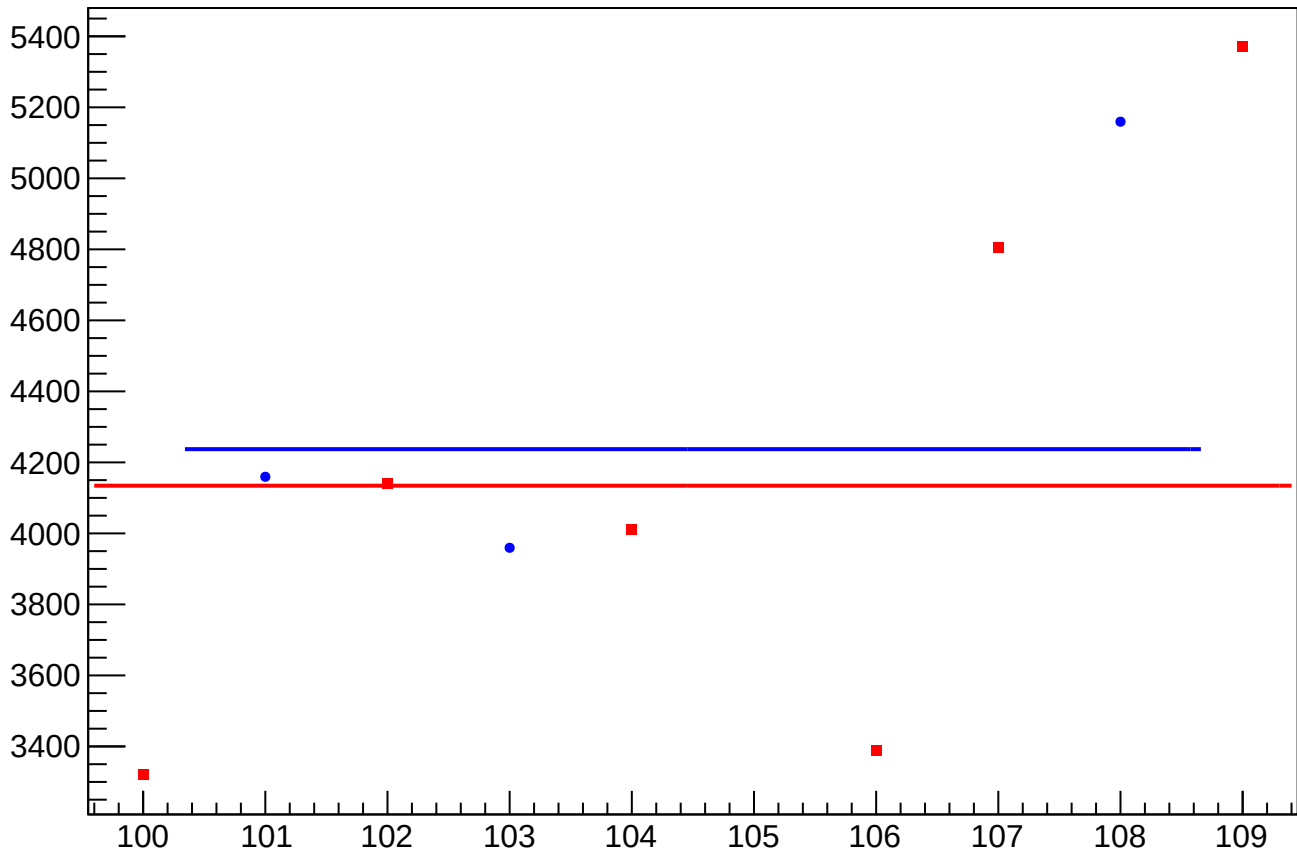
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.433+/-2.105 χ^2 /NDF: 85.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_rms vs Slug



Right In: 4237.291+/-2.339 χ^2/NDF : 31630.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4134.405+/-1.930 χ^2/NDF : 108082.3/5

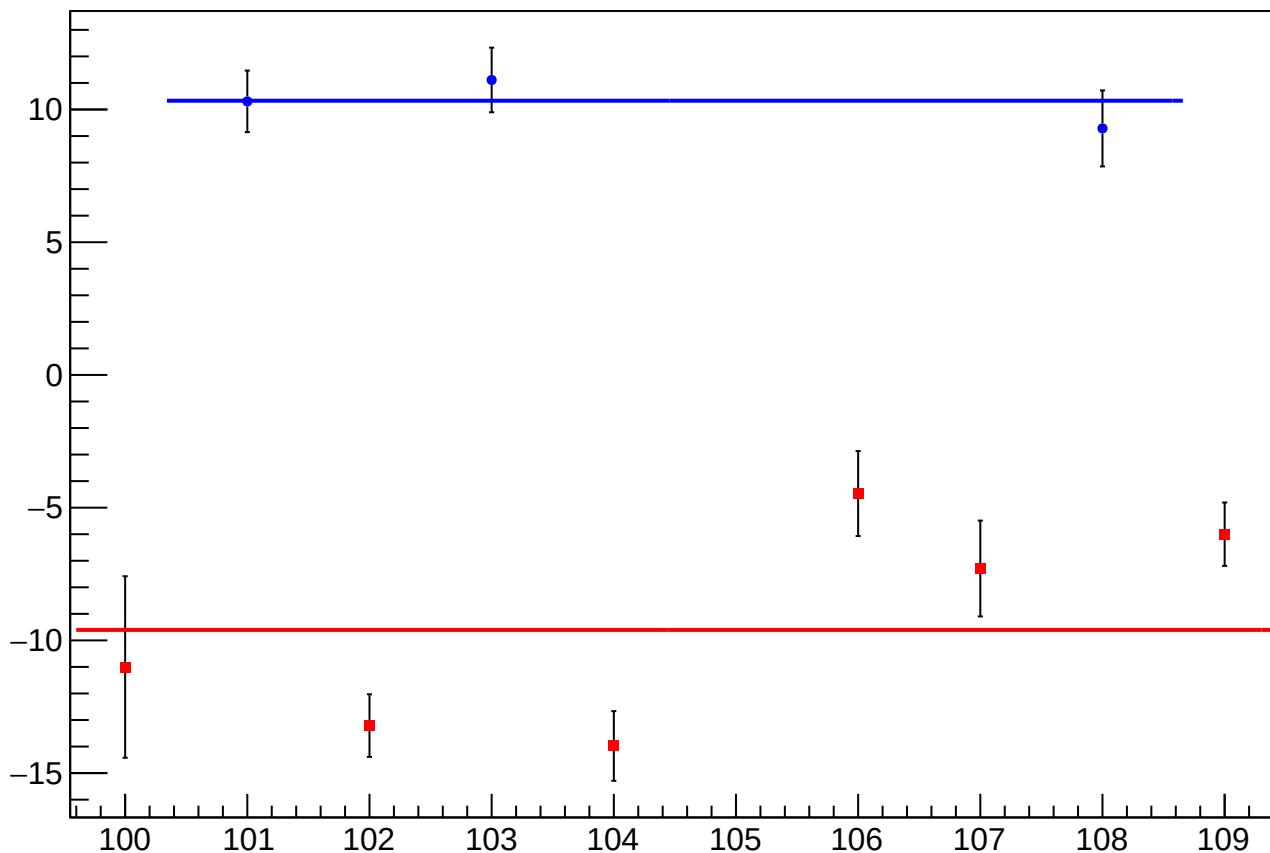
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4176.072+/-1.488 χ^2/NDF : 140863.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_mean vs Slug



Right In: 10.330 $\pm$ 0.724 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.605 $\pm$ 0.599 χ^2 /NDF: 41.7/5

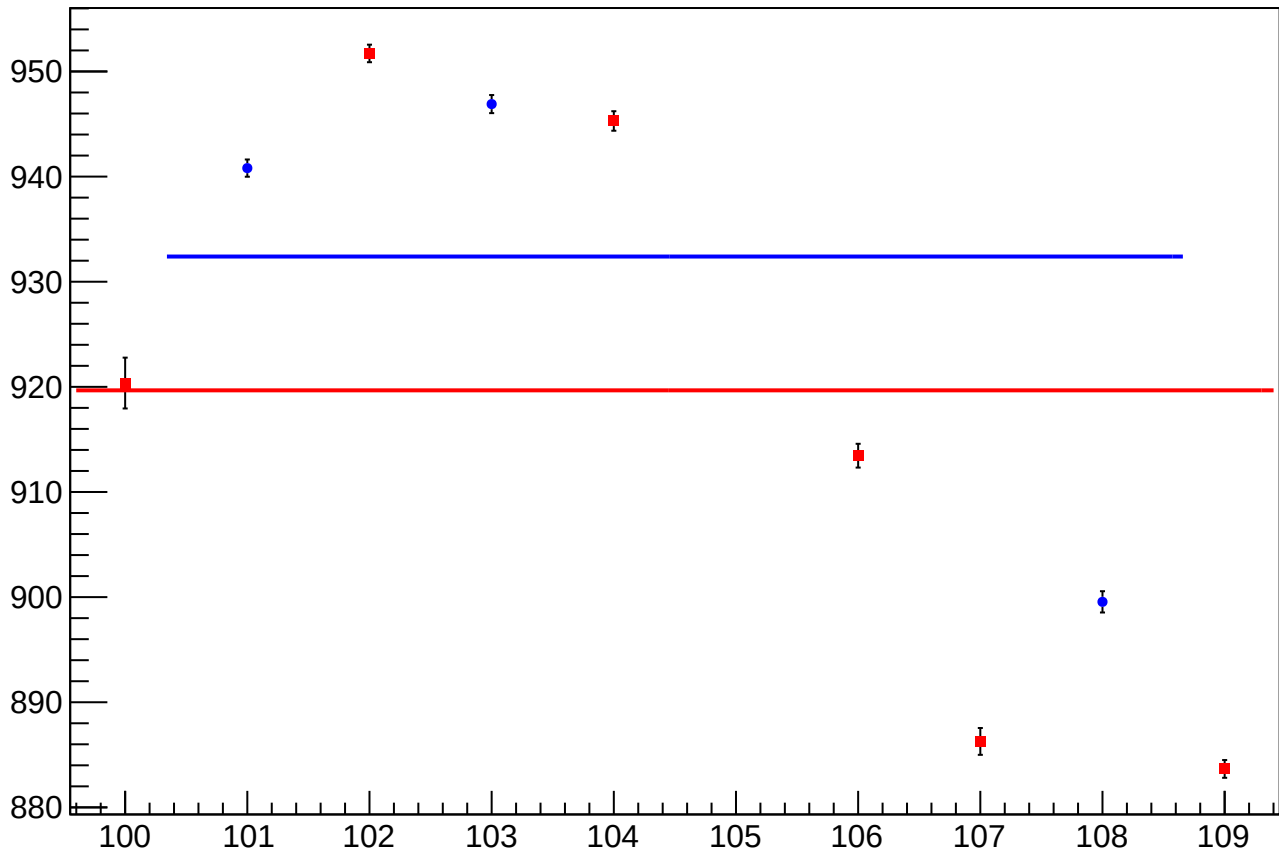
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.500 $\pm$ 0.462 χ^2 /NDF: 492.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01X_rms vs Slug



Right In: 932.396 $\pm$ 0.512 χ^2 /NDF: 1442.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 919.668 $\pm$ 0.424 χ^2 /NDF: 4769.9/5

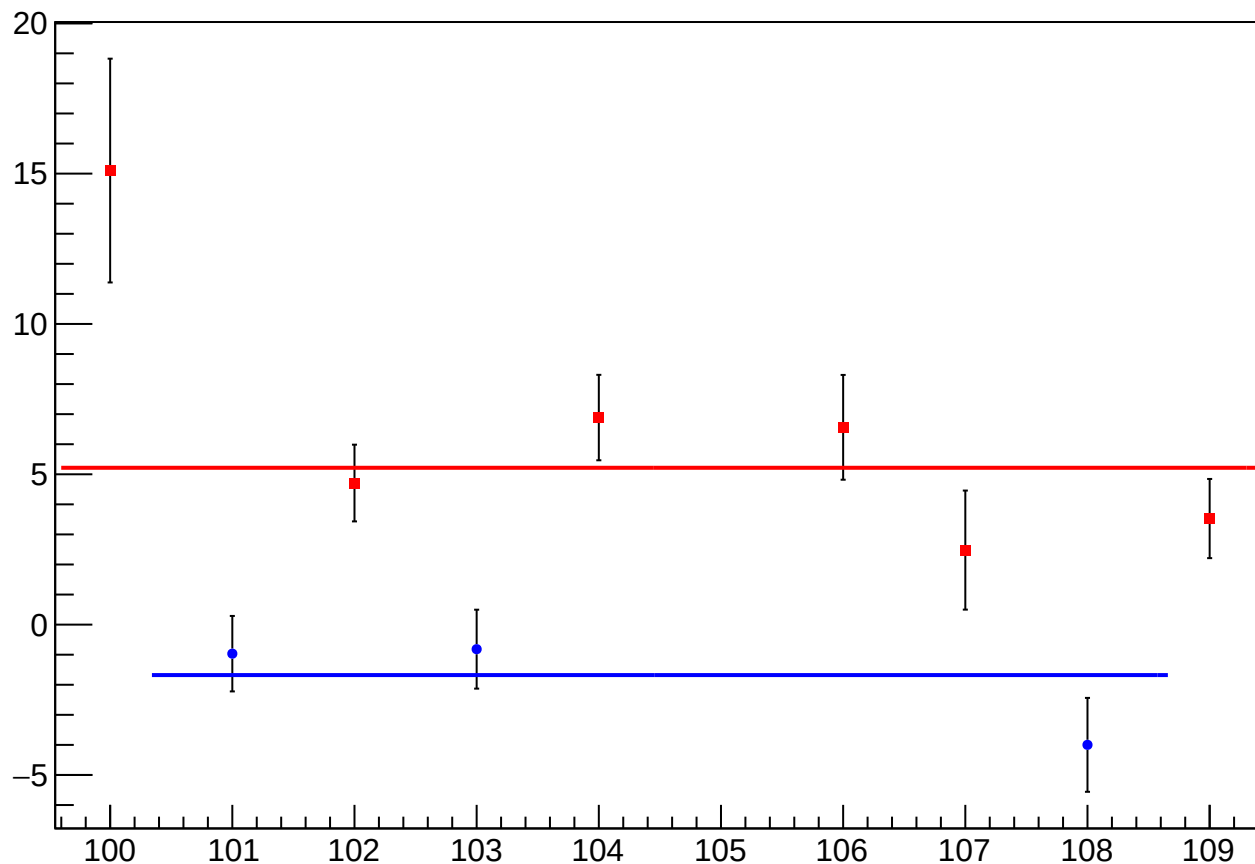
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 924.843 $\pm$ 0.327 χ^2 /NDF: 6579.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: -1.678+/-0.784 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.217+/-0.653 χ^2/NDF : 12.7/5

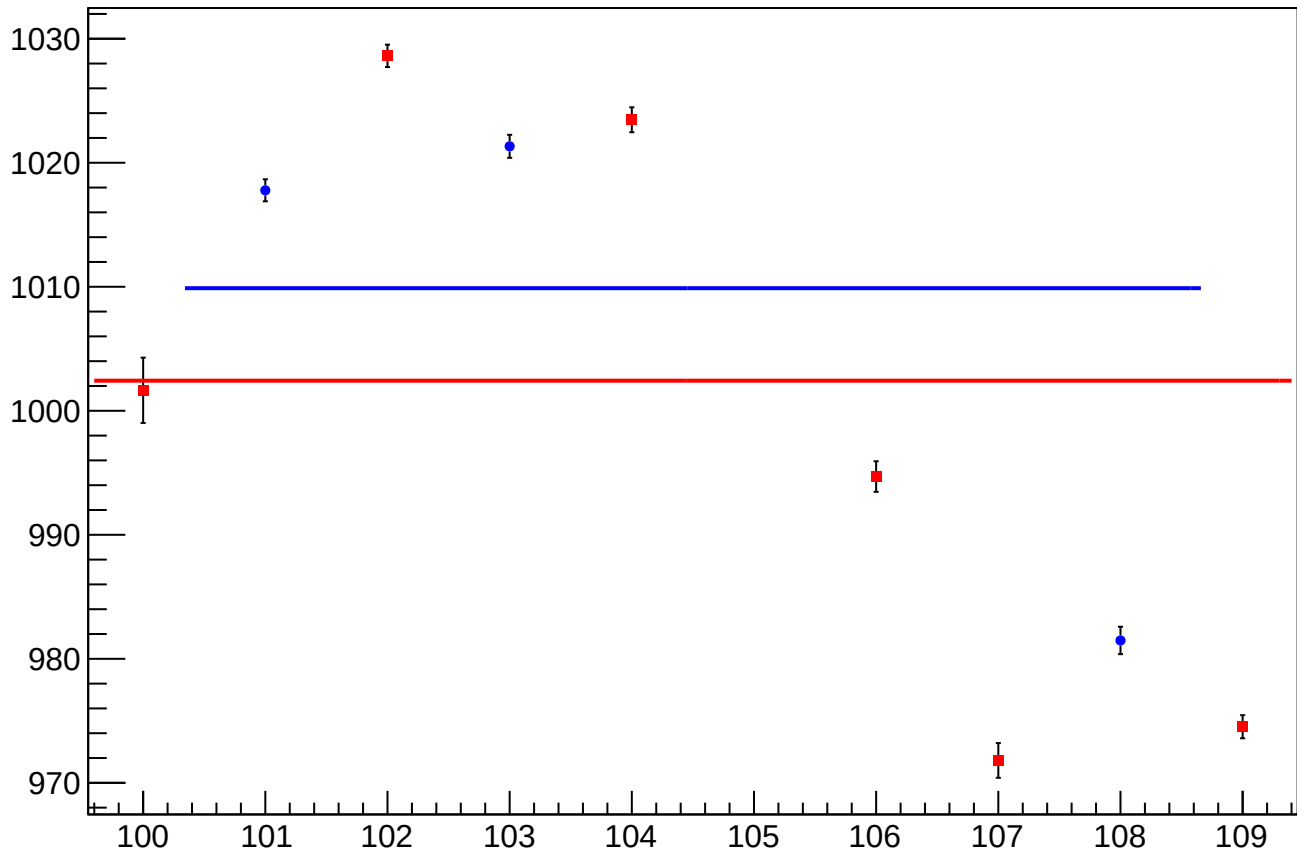
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.393+/-0.502 χ^2/NDF : 61.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01Y_rms vs Slug



Right In: 1009.885 $\pm$ 0.555 χ^2 /NDF: 892.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1002.428 $\pm$ 0.462 χ^2 /NDF: 2697.5/5

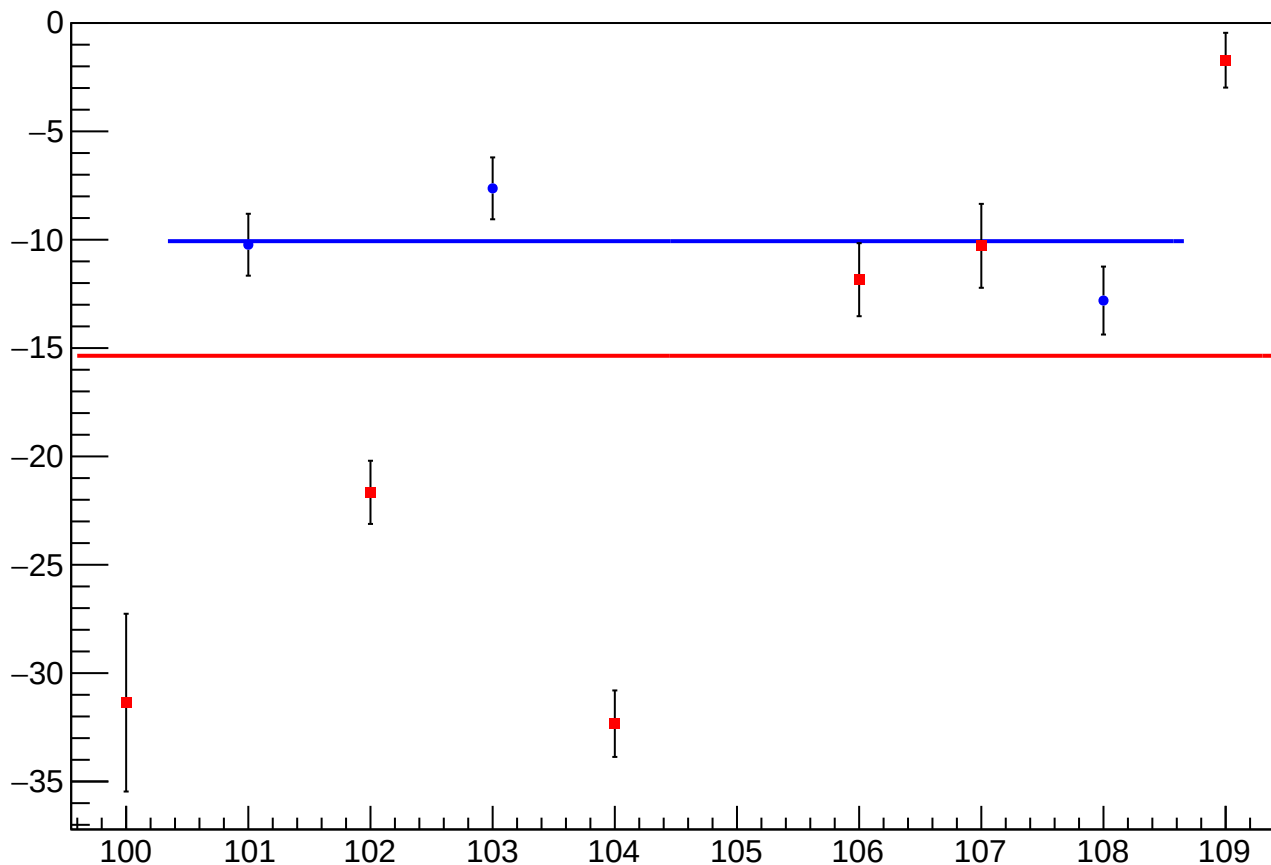
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1005.482 $\pm$ 0.355 χ^2 /NDF: 3697.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -10.067 ± 0.849 χ^2/NDF : 6.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.356 ± 0.674 χ^2/NDF : 284.1/5

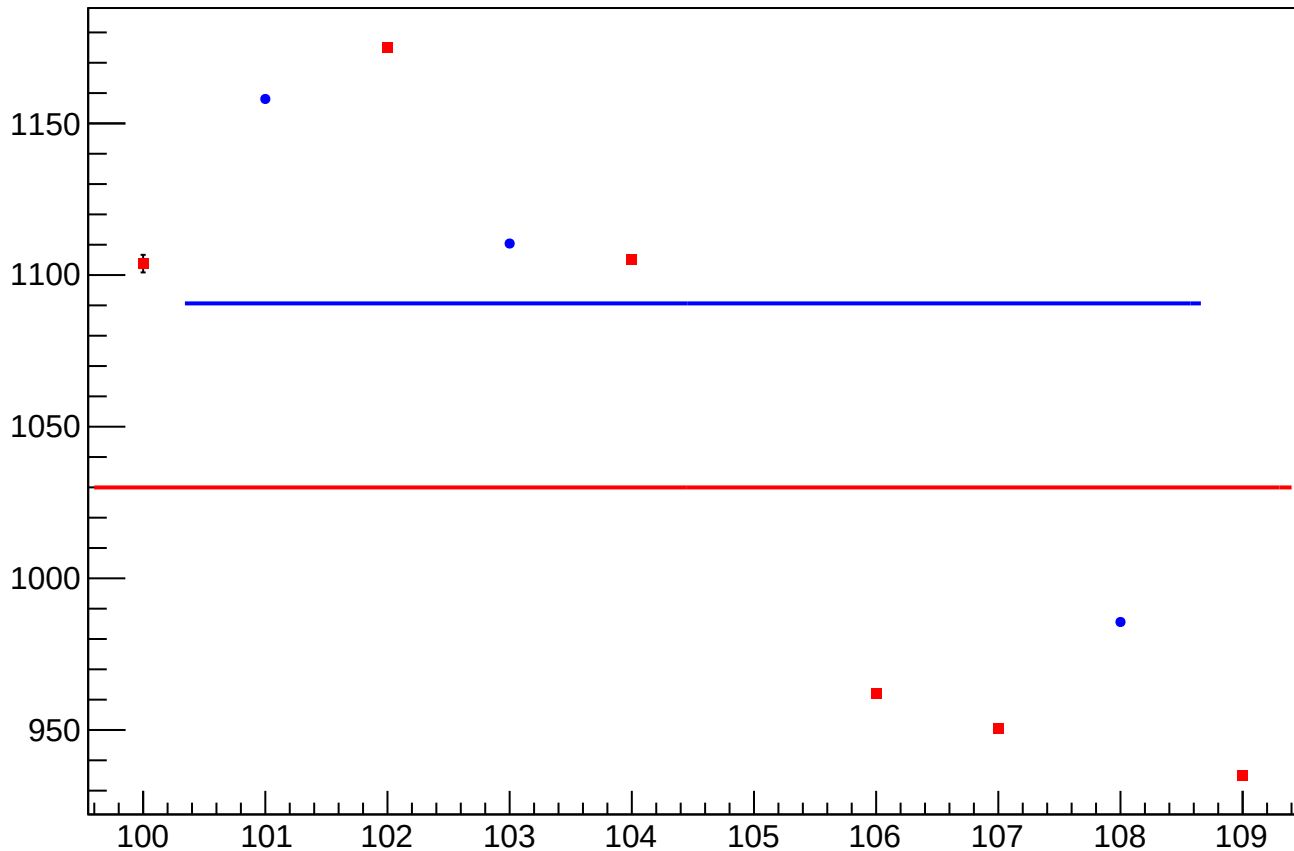
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.310 ± 0.528 χ^2/NDF : 313.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i02X_rms vs Slug



Right In: 1090.655 $\pm$ 0.600 χ^2 /NDF: 13813.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1029.973 $\pm$ 0.477 χ^2 /NDF: 43109.2/5

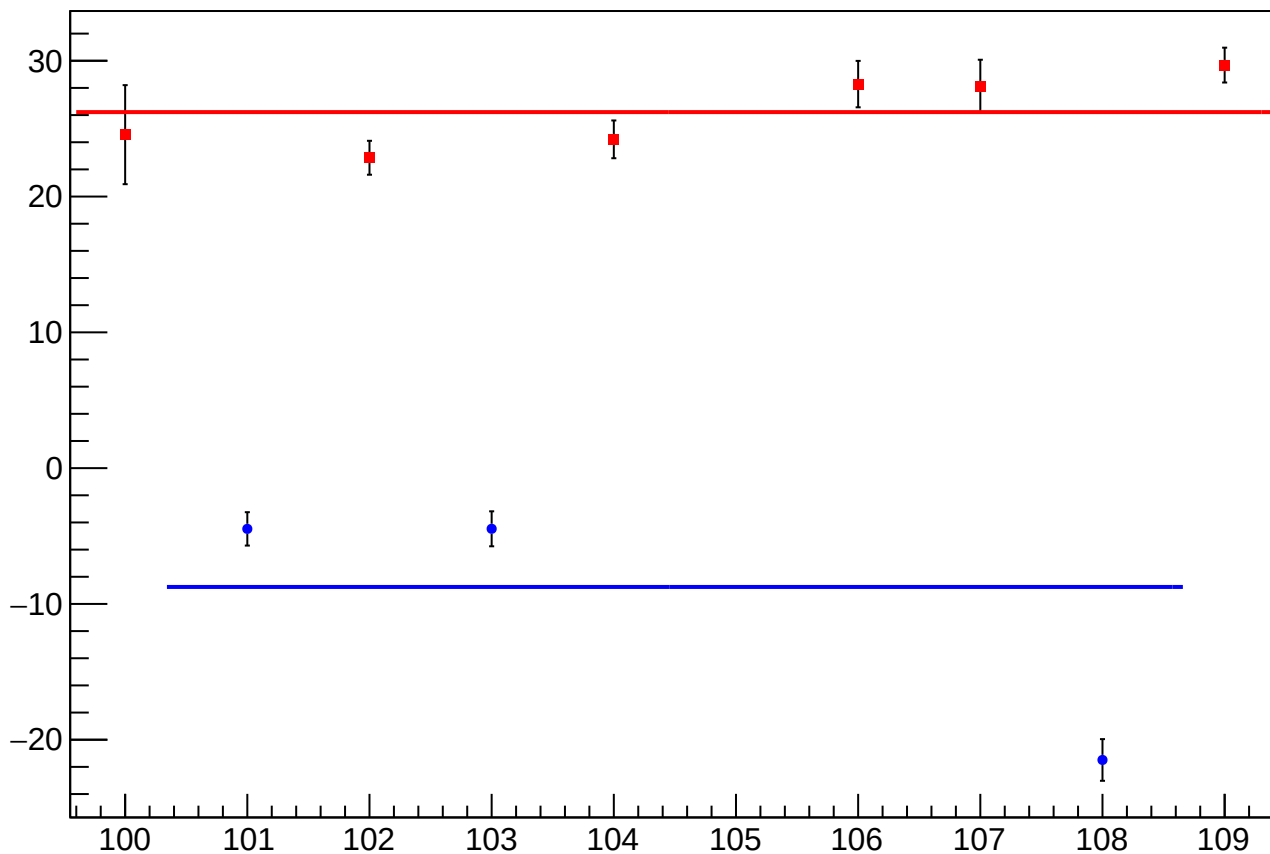
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1053.442 $\pm$ 0.373 χ^2 /NDF: 63188.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -8.749 $\pm$ 0.769 χ^2 /NDF: 92.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.219 $\pm$ 0.639 χ^2 /NDF: 19.2/5

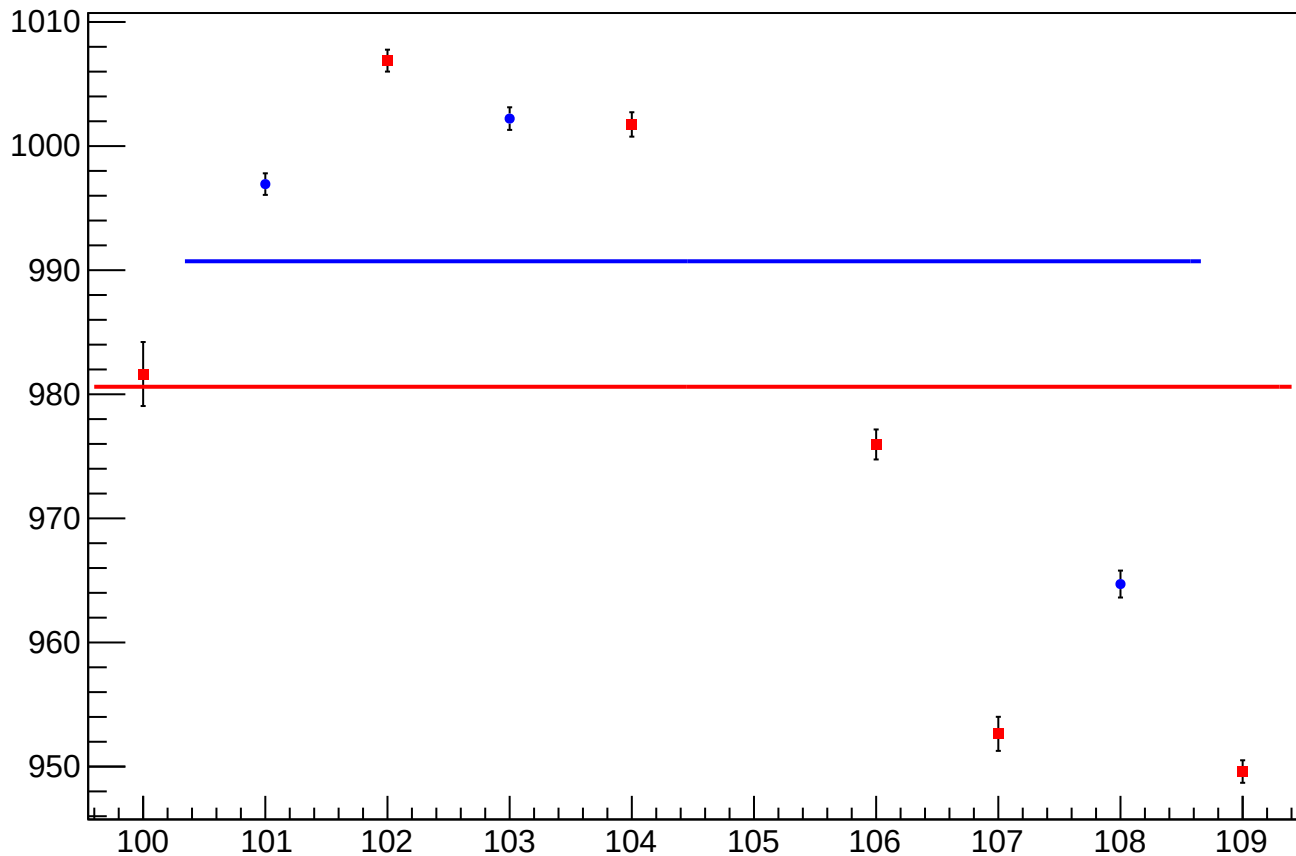
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.945 $\pm$ 0.492 χ^2 /NDF: 1333.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_rms vs Slug



Right In: 990.719 $\pm$ 0.544 χ^2 /NDF: 785.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 980.606 $\pm$ 0.452 χ^2 /NDF: 2946.3/5

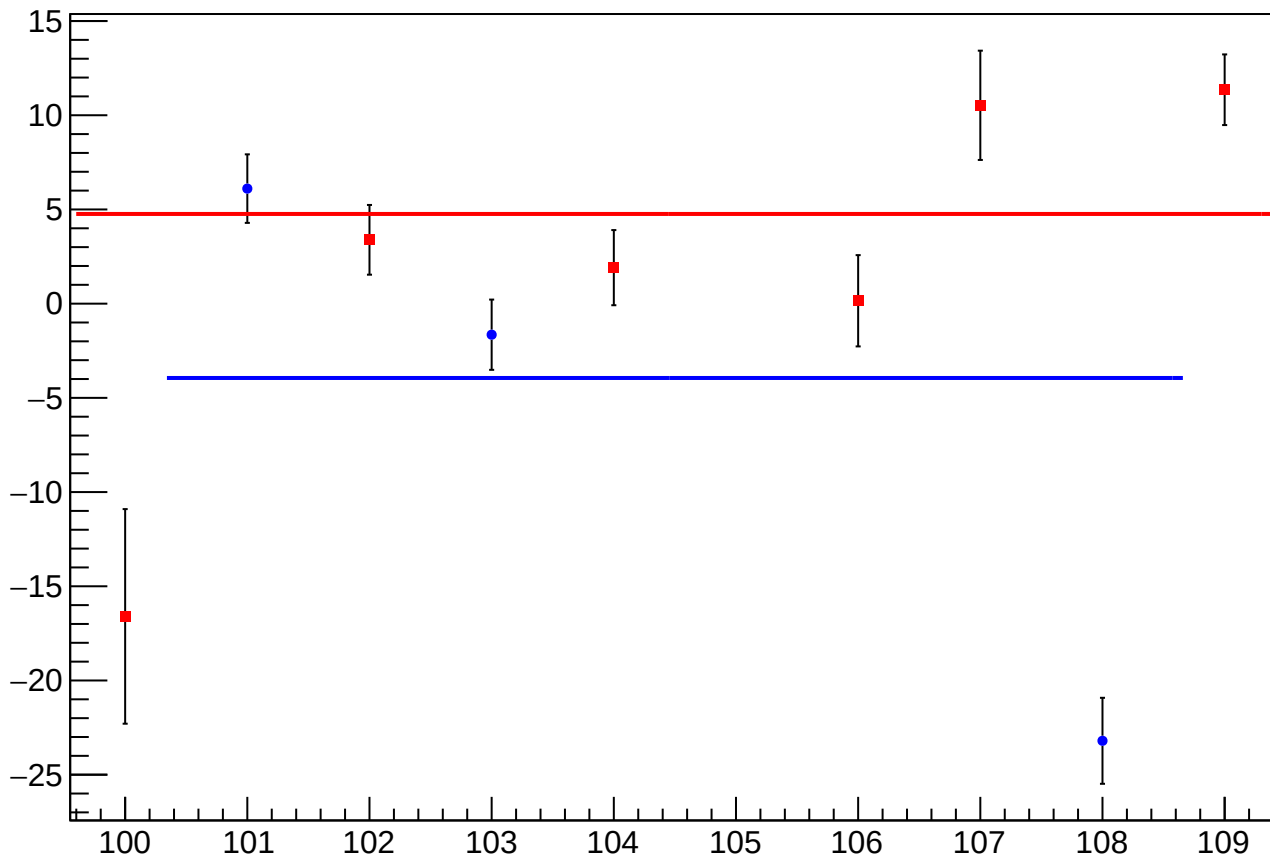
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 984.734 $\pm$ 0.348 χ^2 /NDF: 3935.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -3.945 $\pm$ 1.131 χ^2 /NDF: 103.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.761 $\pm$ 0.933 χ^2 /NDF: 36.6/5

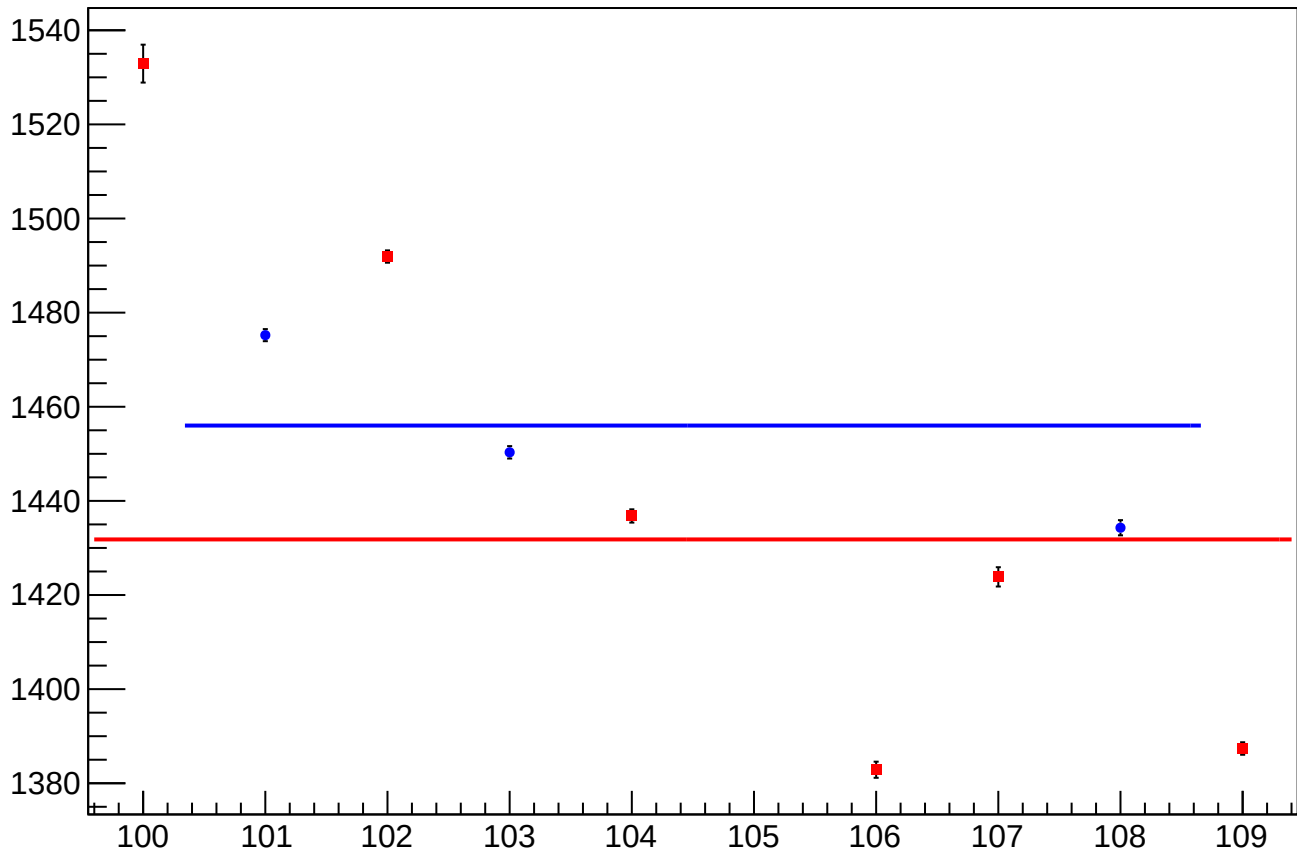
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.234 $\pm$ 0.720 χ^2 /NDF: 175.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02X_rms vs Slug



Right In: 1456.007 $\pm$ 0.800 χ^2 /NDF: 422.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1431.810 $\pm$ 0.660 χ^2 /NDF: 4706.6/5

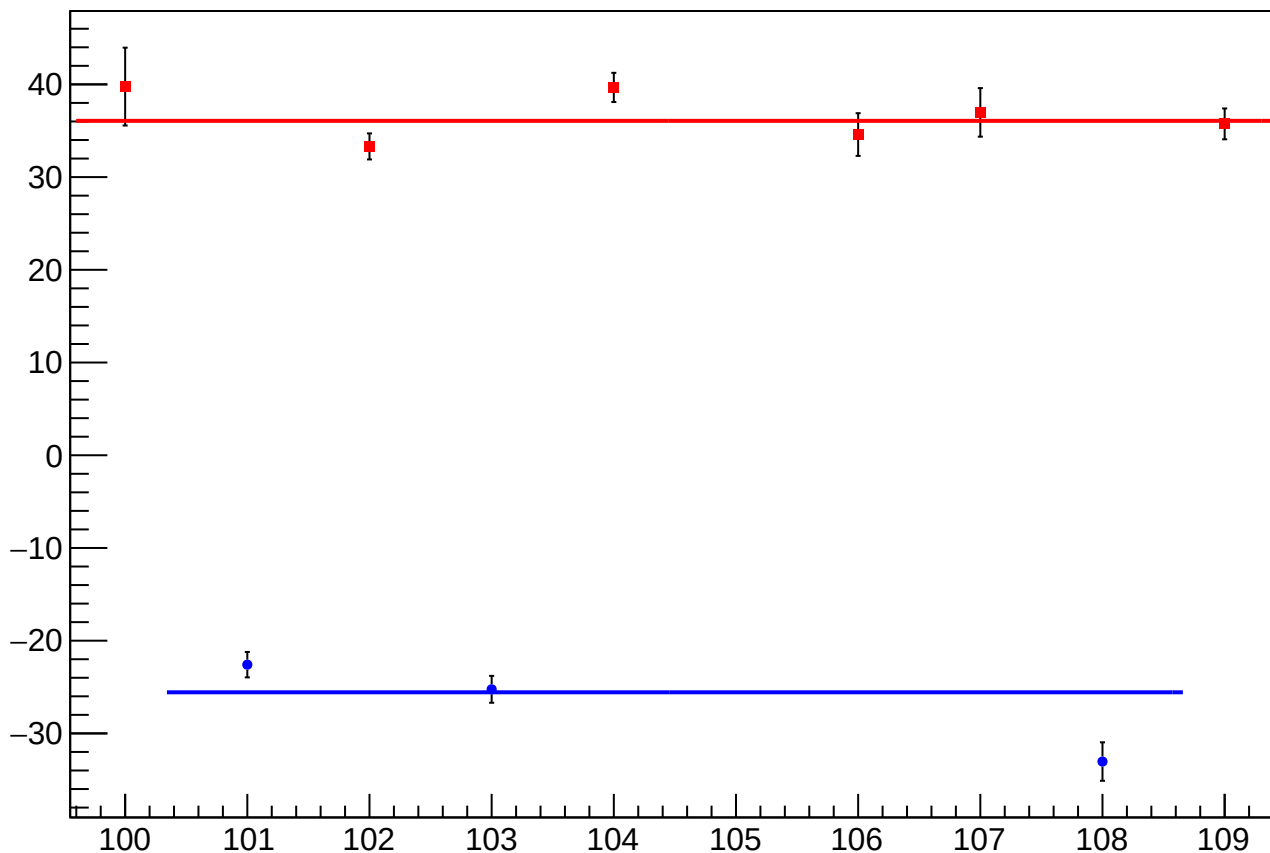
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1441.614 $\pm$ 0.509 χ^2 /NDF: 5673.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -25.567 ± 0.899 $\chi^2/\text{NDF}: 17.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 36.068 ± 0.776 $\chi^2/\text{NDF}: 10.4/5$

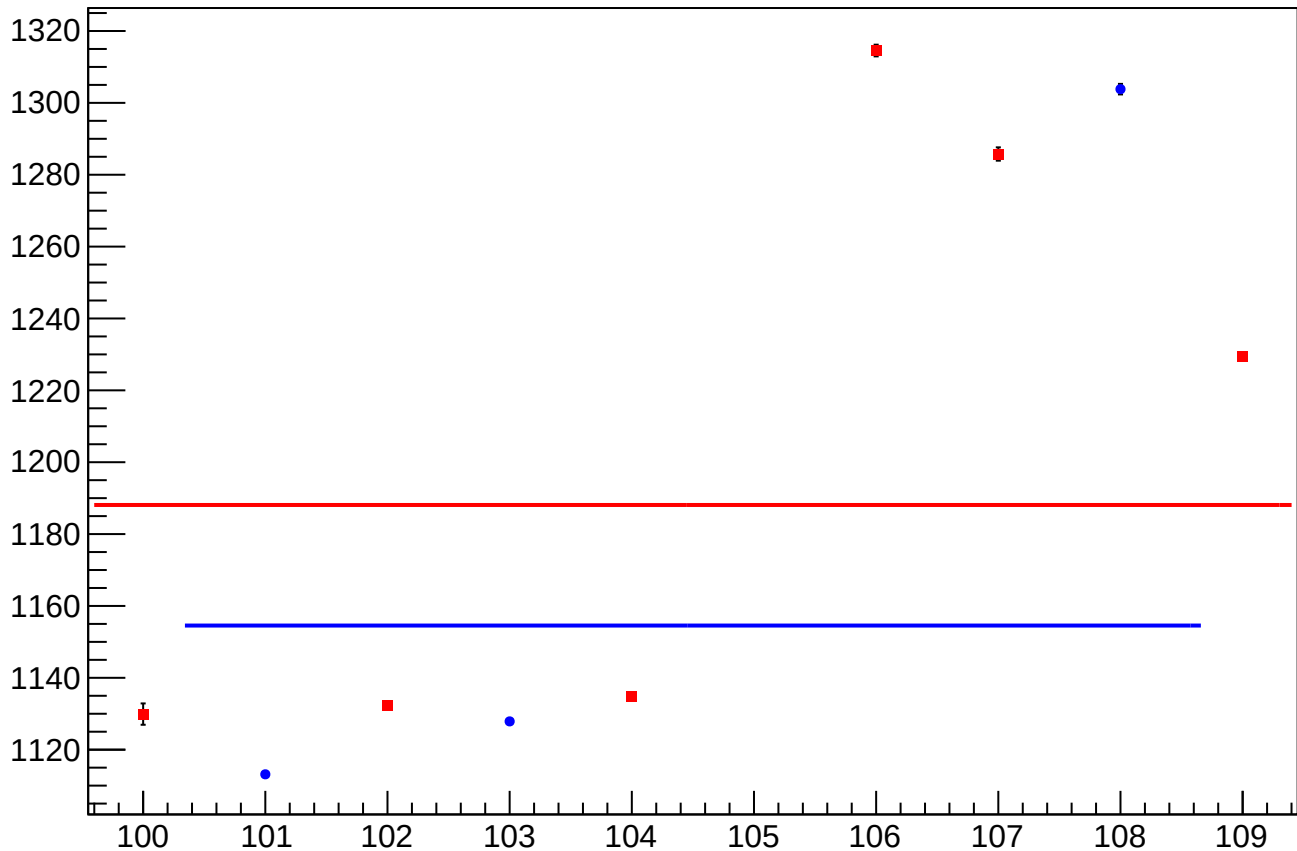
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 9.751 ± 0.587 $\chi^2/\text{NDF}: 2724.5/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02Y_rms vs Slug



Right In: 1154.545 $\pm$ 0.635 χ^2 /NDF: 12843.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1188.099 $\pm$ 0.548 χ^2 /NDF: 15873.8/5

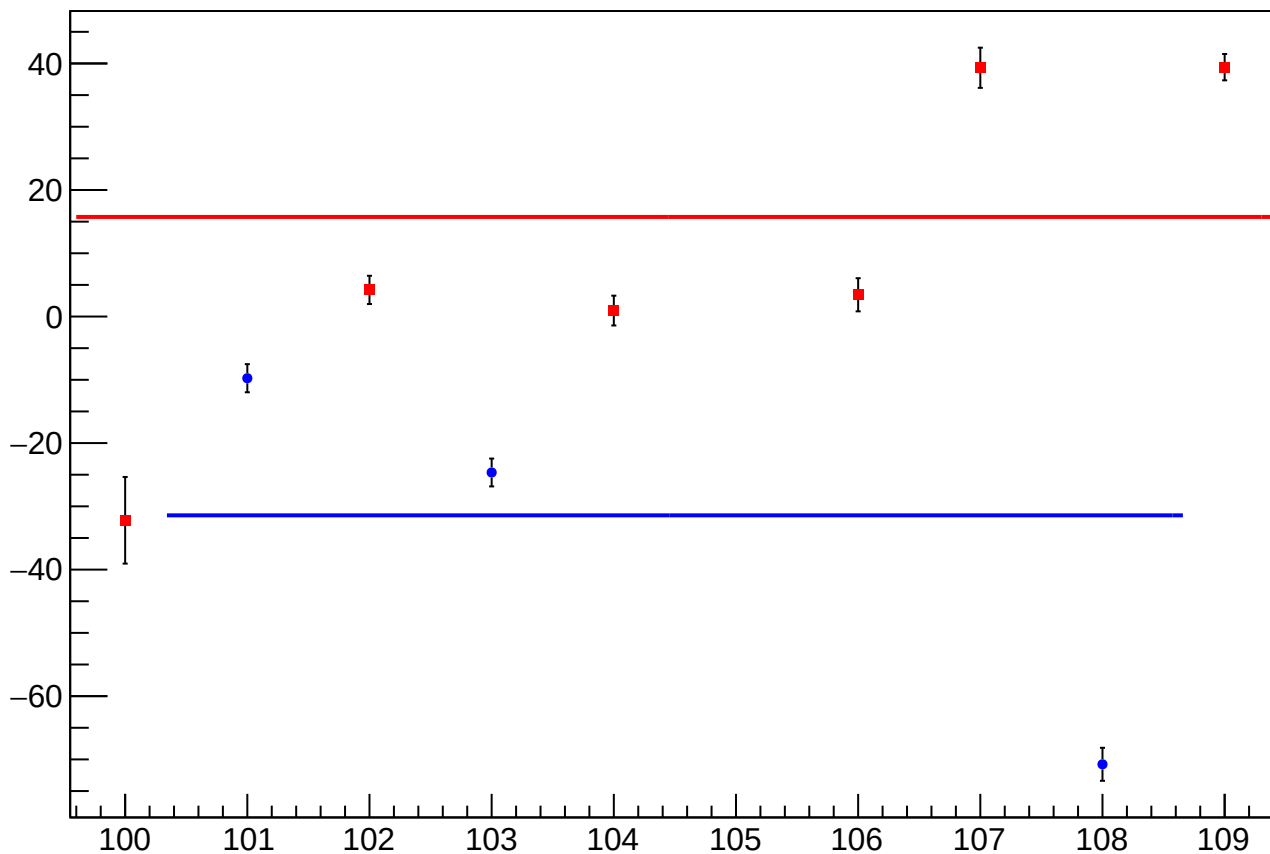
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1173.772 $\pm$ 0.415 χ^2 /NDF: 30316.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aX_mean vs Slug



Right In: -31.423 $\pm$ 1.341 χ^2 /NDF: 332.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.744 $\pm$ 1.068 χ^2 /NDF: 321.6/5

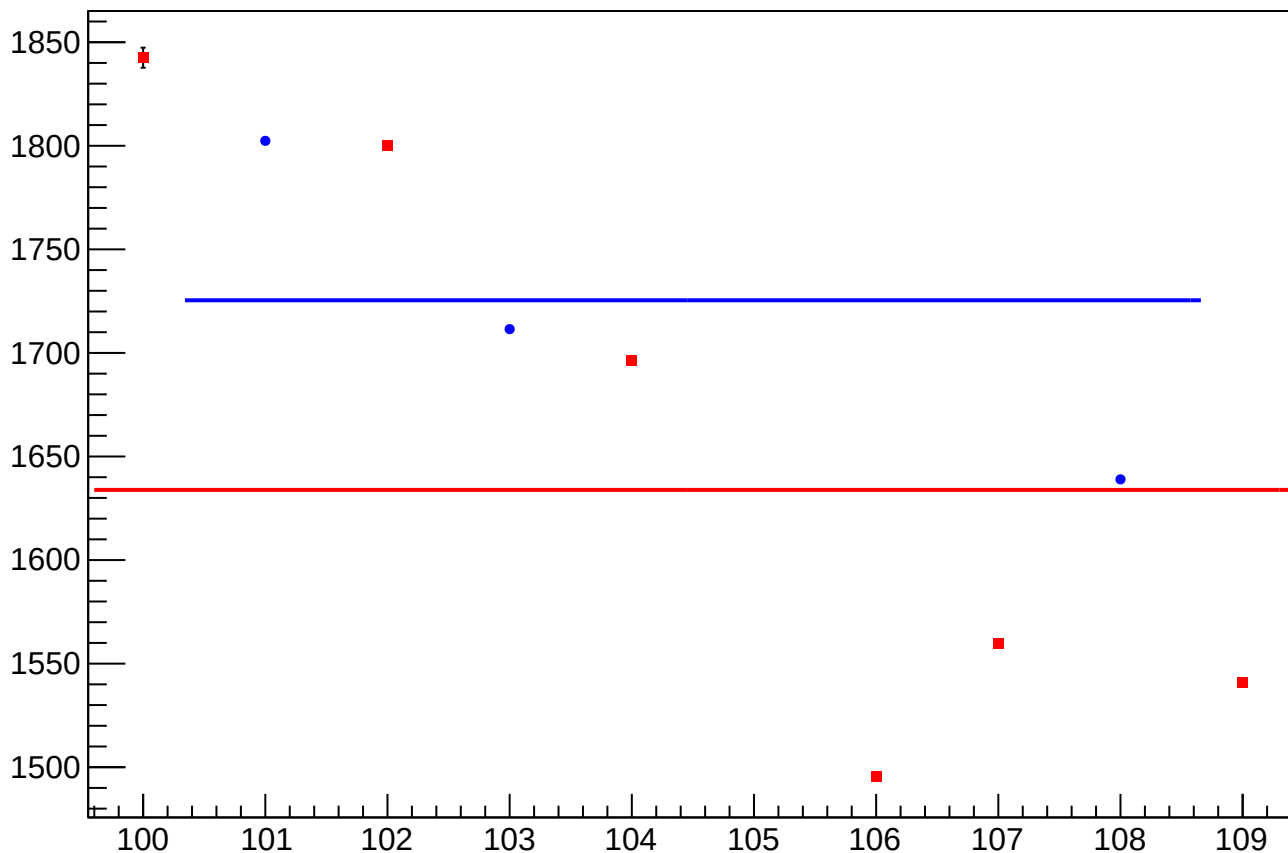
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.549 $\pm$ 0.835 χ^2 /NDF: 1411.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aX_rms vs Slug



Right In: 1725.413+/-0.948 χ^2/NDF : 4676.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1633.875+/-0.755 χ^2/NDF : 25004.4/5

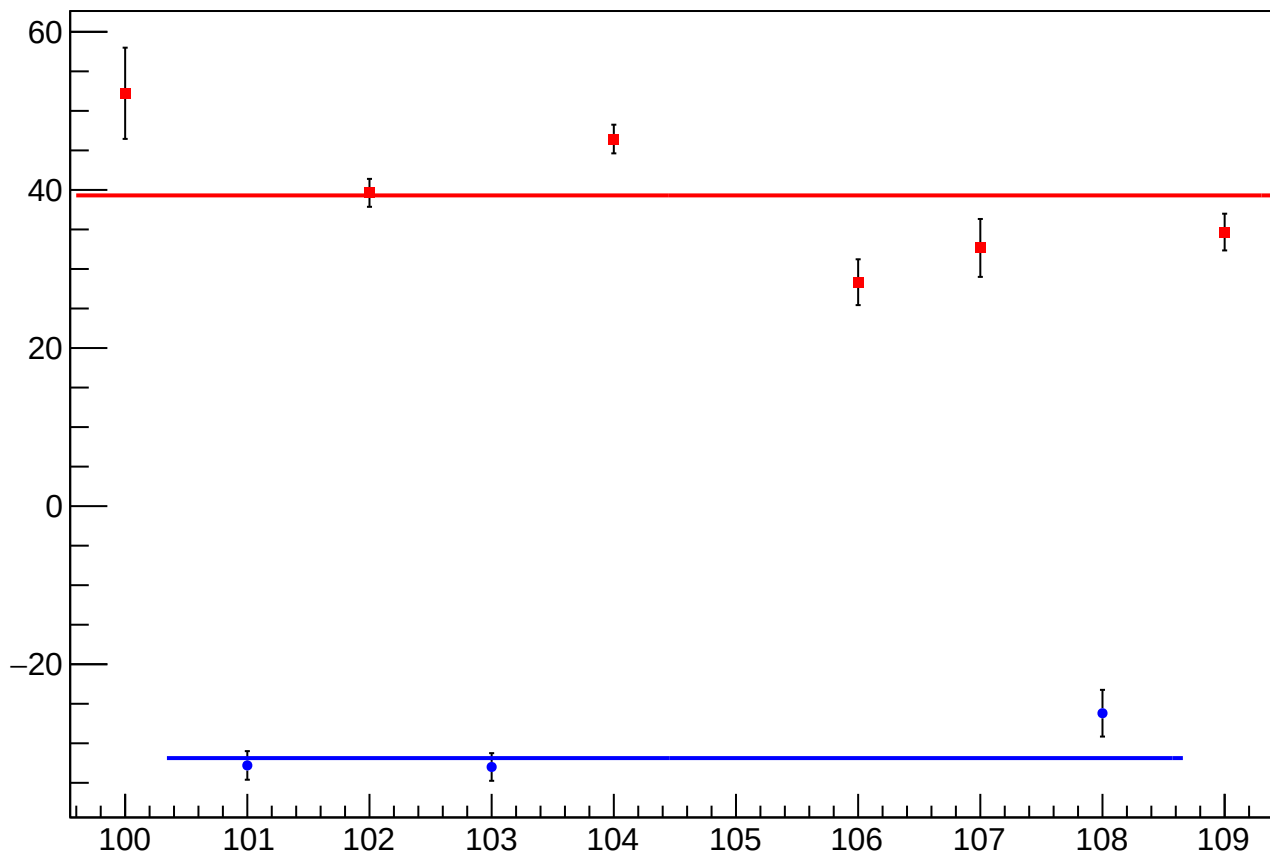
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.375+/-0.591 χ^2/NDF : 35384.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_mean vs Slug



Right In: -31.872 ± 1.157 $\chi^2/\text{NDF}: 4.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 39.307 ± 0.984 $\chi^2/\text{NDF}: 42.1/5$

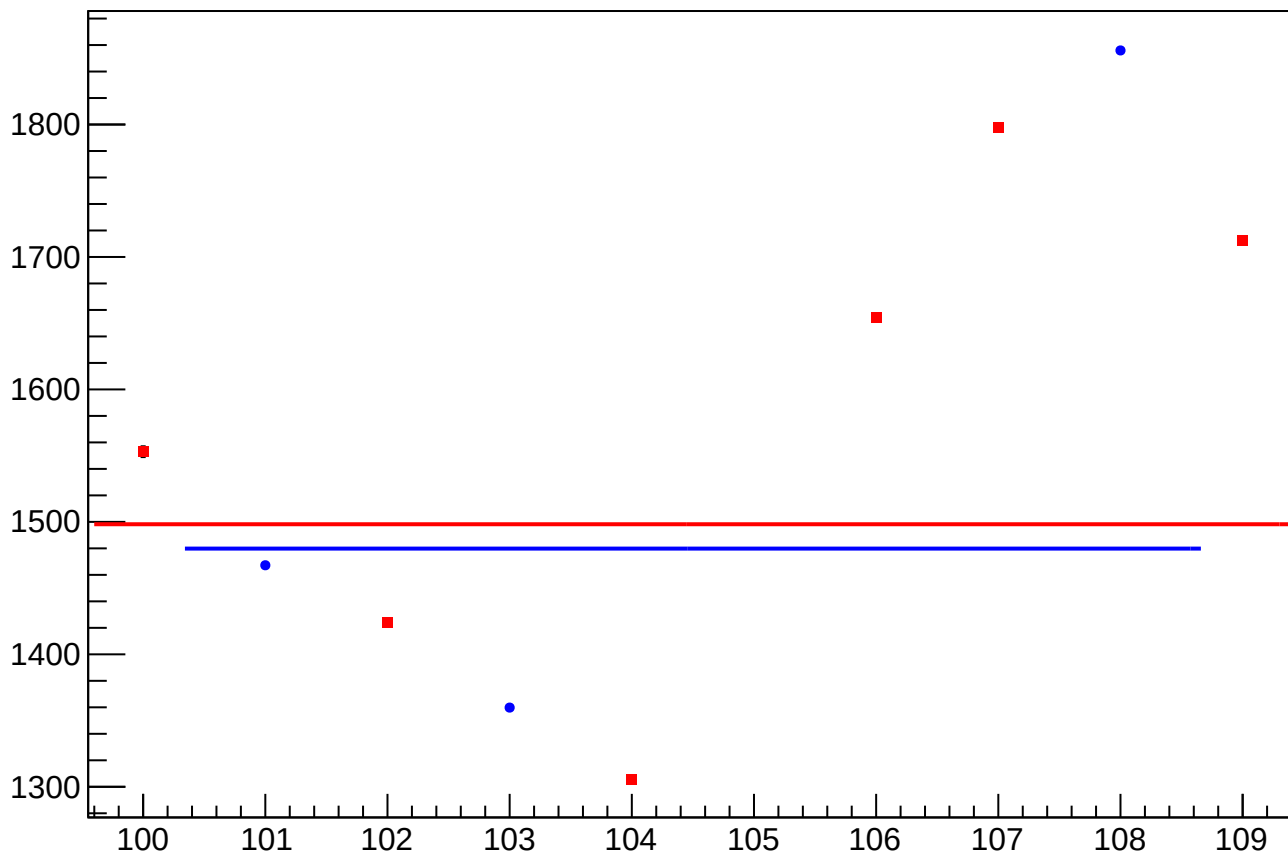
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 9.444 ± 0.750 $\chi^2/\text{NDF}: 2242.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02aY_rms vs Slug



Right In: 1479.832 $\pm$ 0.818 χ^2 /NDF: 41914.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1498.218 $\pm$ 0.696 χ^2 /NDF: 62328.4/5

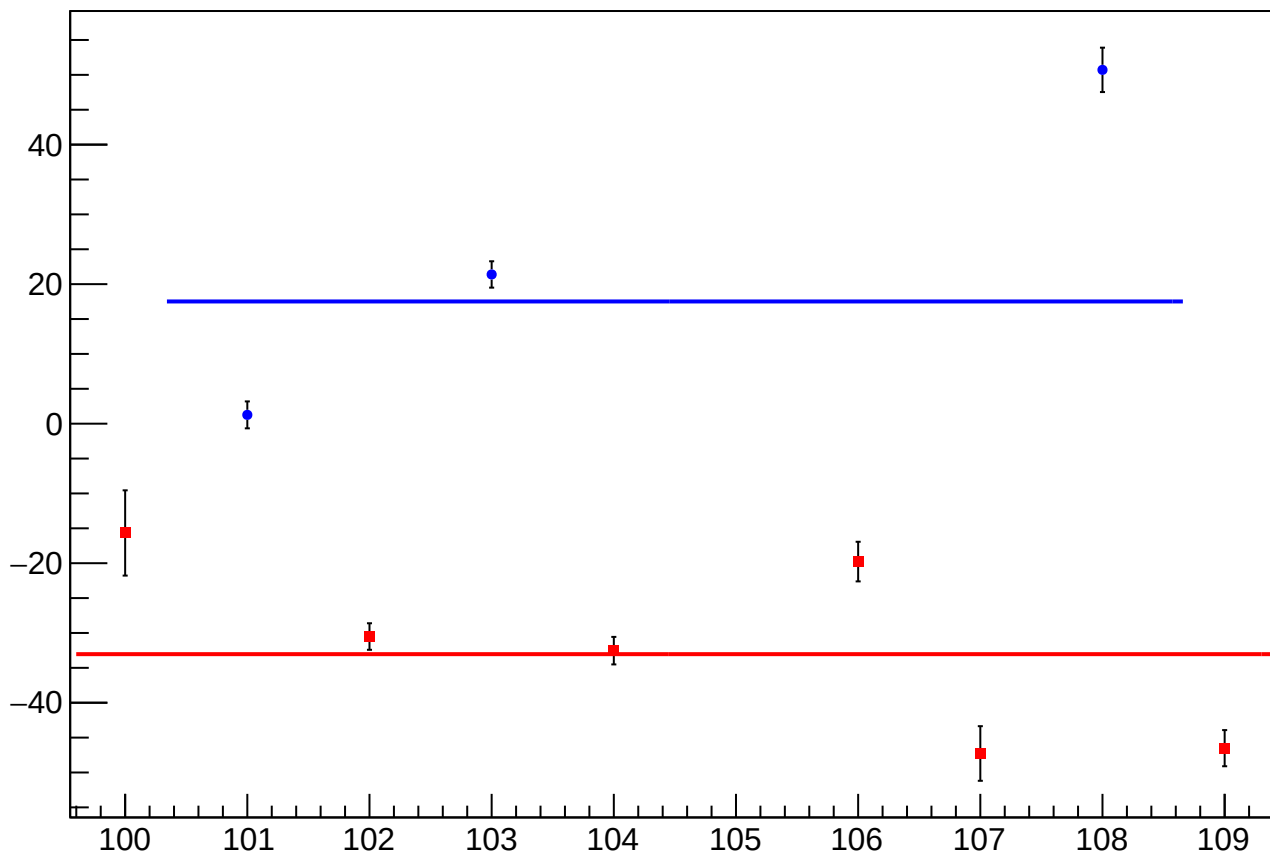
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1490.504 $\pm$ 0.530 χ^2 /NDF: 104536.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05X_mean vs Slug



Right In: 17.519+/-1.243 χ^2/NDF : 184.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.037+/-1.055 χ^2/NDF : 72.0/5

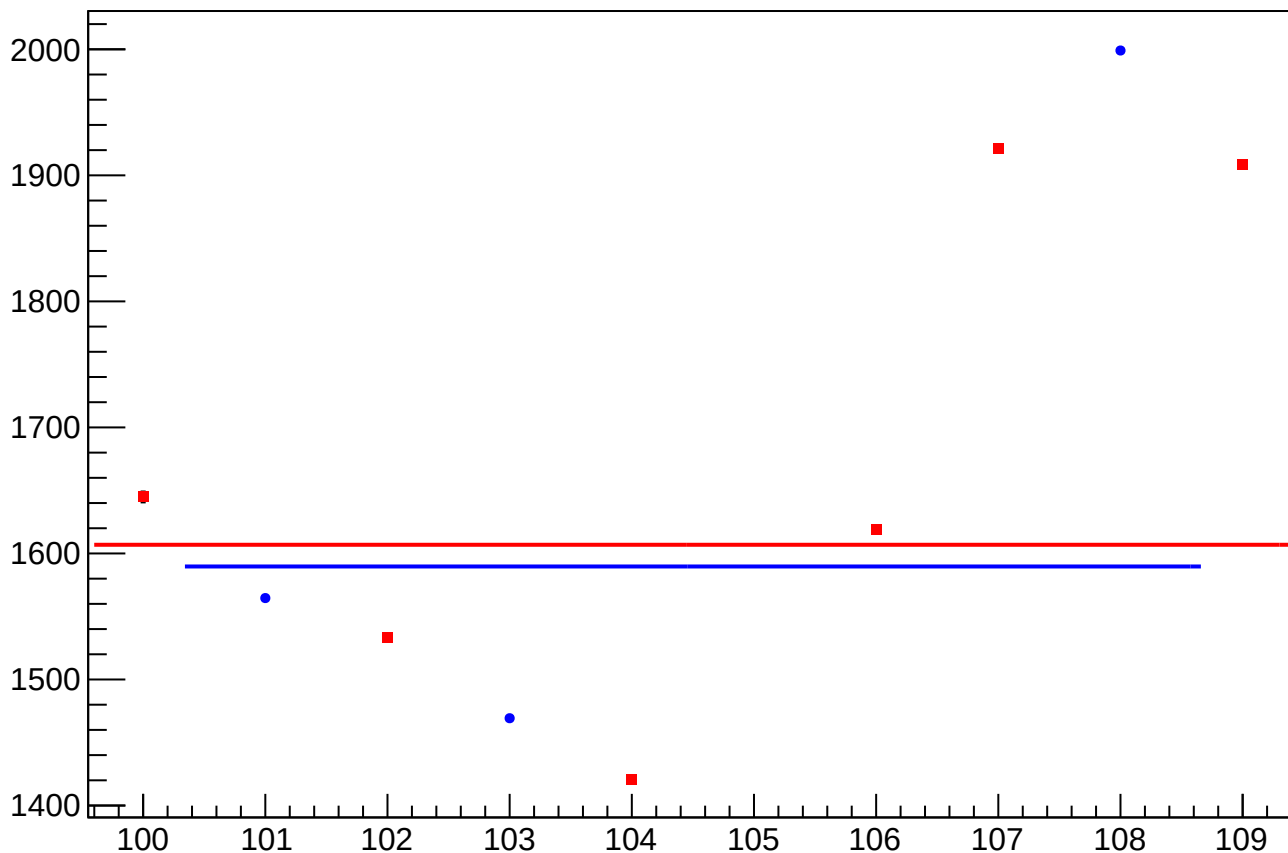
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.862+/-0.804 χ^2/NDF : 1217.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1589.663 $\pm$ 0.879 χ^2 /NDF: 41561.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1606.885 $\pm$ 0.746 χ^2 /NDF: 60951.6/5

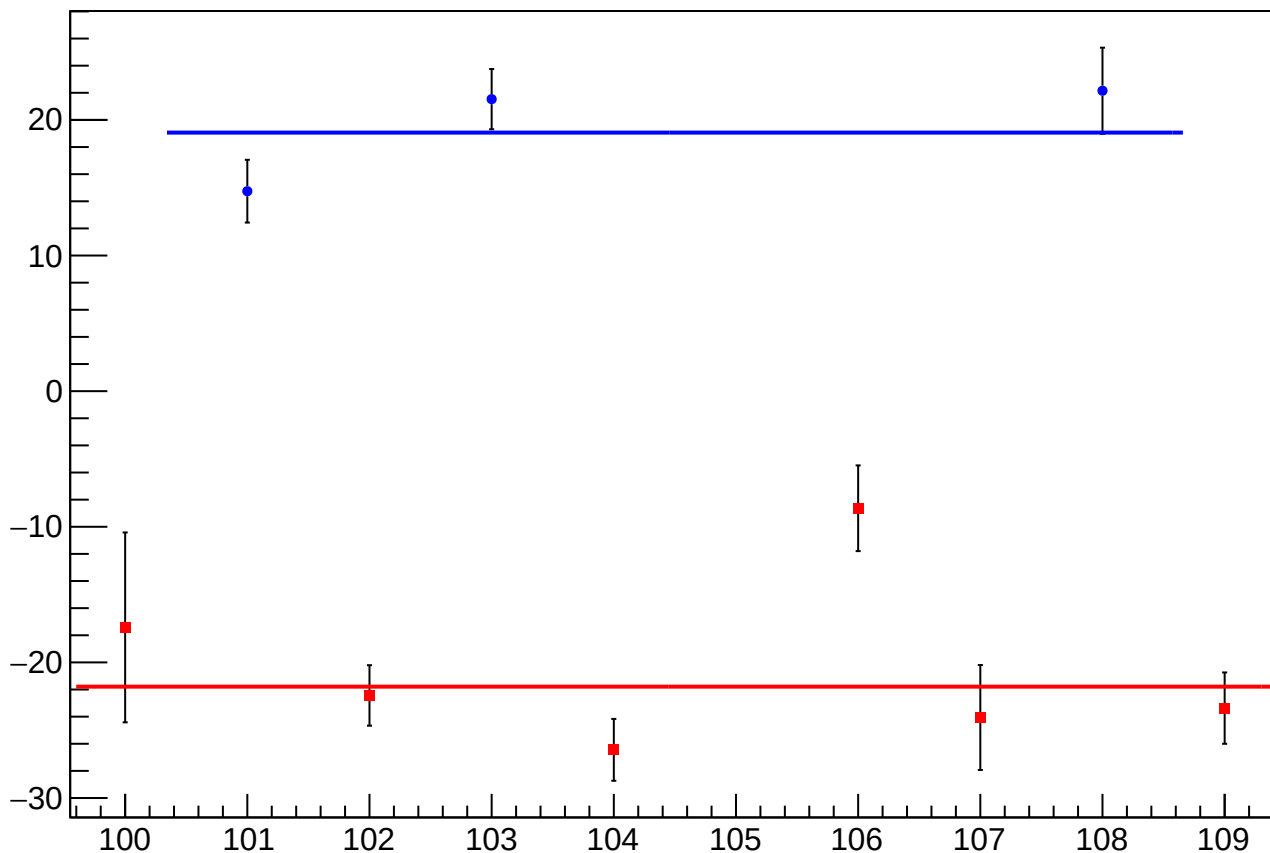
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1599.672 $\pm$ 0.569 χ^2 /NDF: 102736.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_mean vs Slug



Right In: 19.065+/-1.430 χ^2/NDF : 5.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.788+/-1.174 χ^2/NDF : 22.7/5

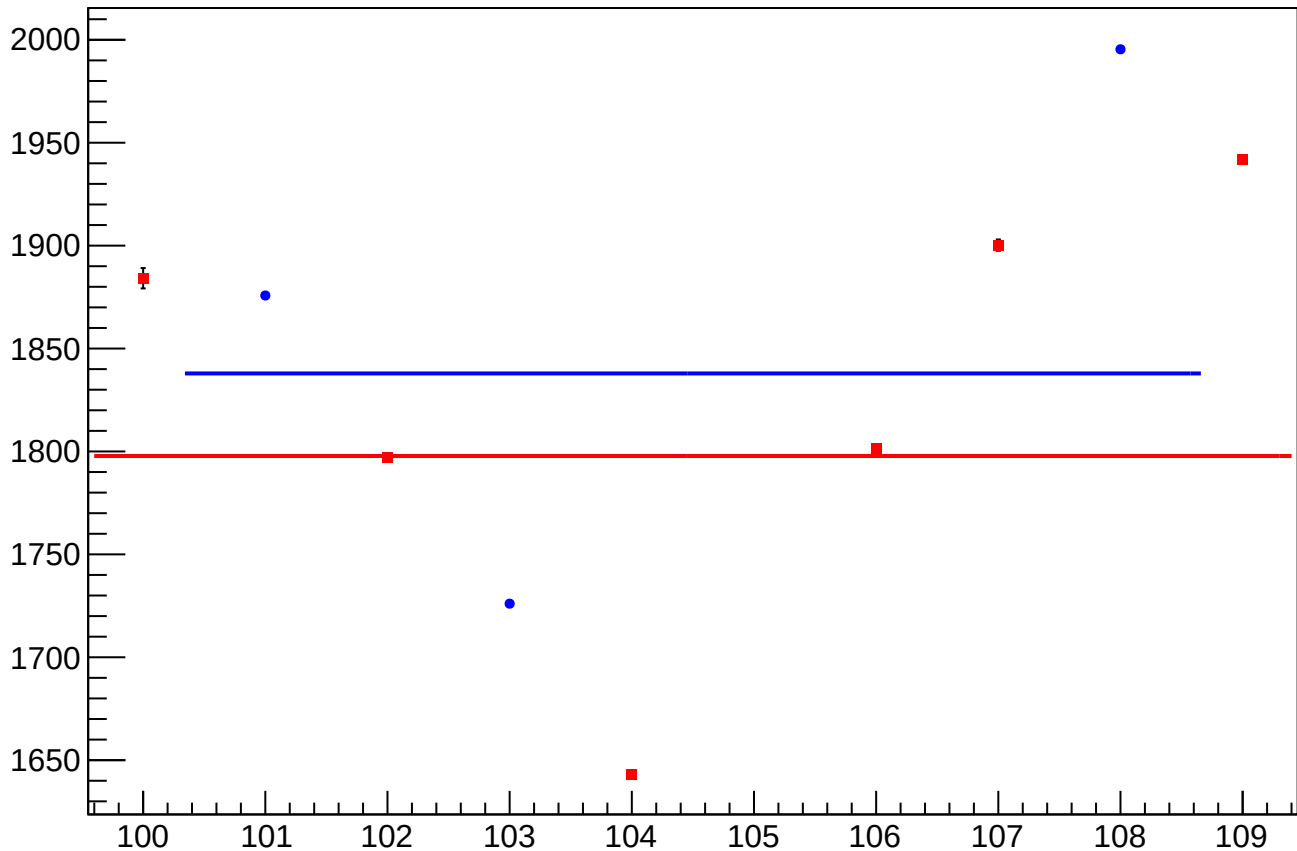
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.339+/-0.908 χ^2/NDF : 515.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1837.906 $\pm$ 1.011 χ^2 /NDF: 10532.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1797.797 $\pm$ 0.830 χ^2 /NDF: 16930.1/5

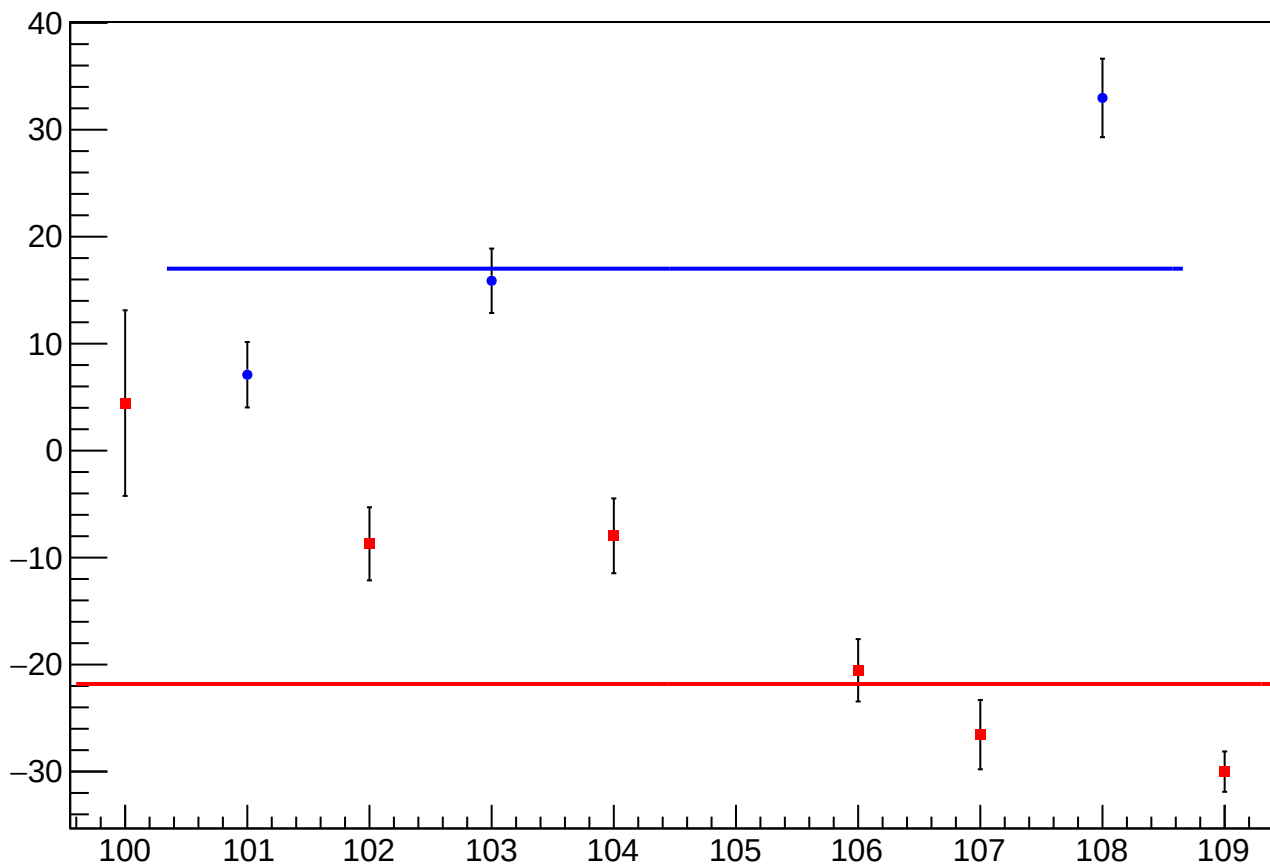
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1813.946 $\pm$ 0.642 χ^2 /NDF: 28402.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_mean vs Slug



Right In: 17.010 $\pm$ 1.853 χ^2 /NDF: 29.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.812 $\pm$ 1.217 χ^2 /NDF: 60.8/5

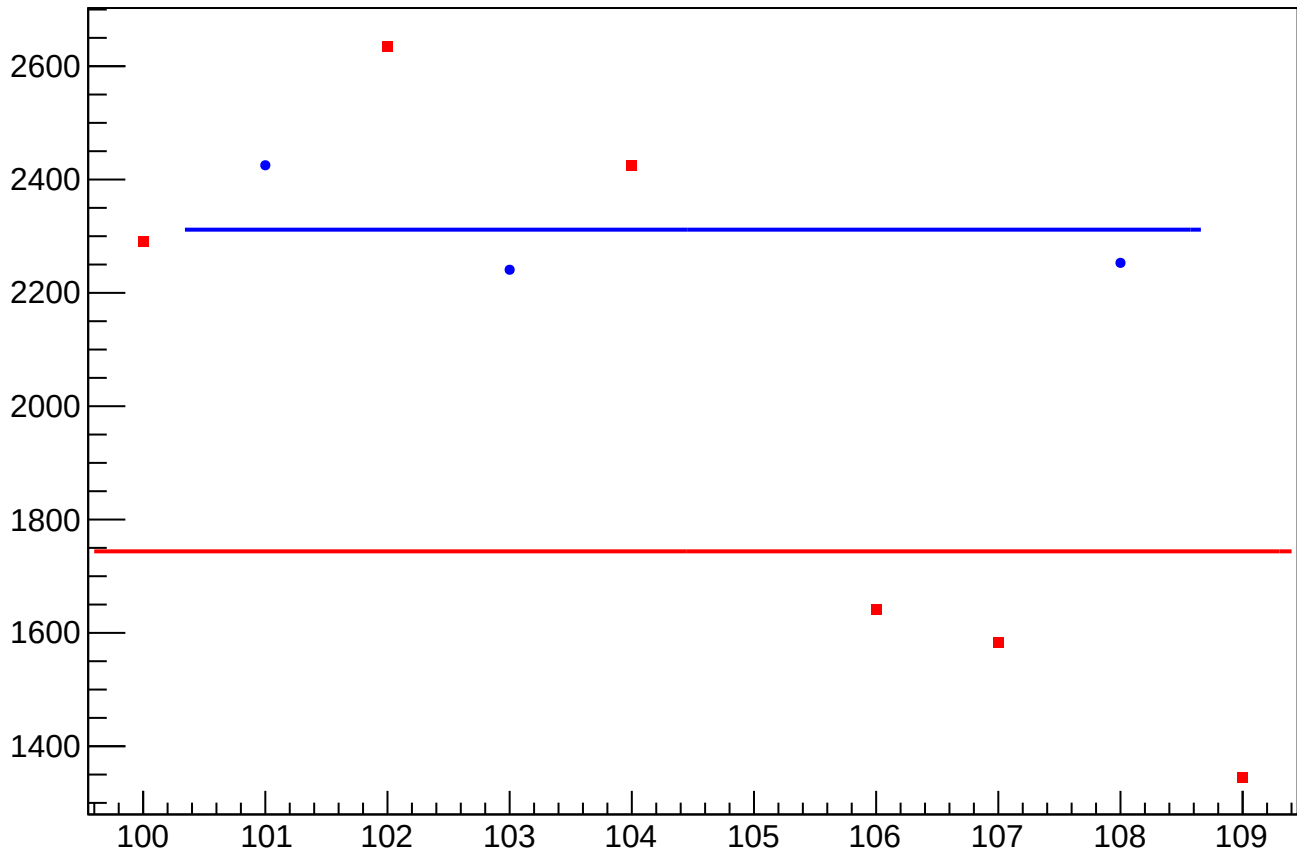
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.104 $\pm$ 1.017 χ^2 /NDF: 397.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug



Right In: 2311.542 $\pm$ 1.310 χ^2 /NDF: 4374.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1743.878 $\pm$ 0.861 χ^2 /NDF: 316597.0/5

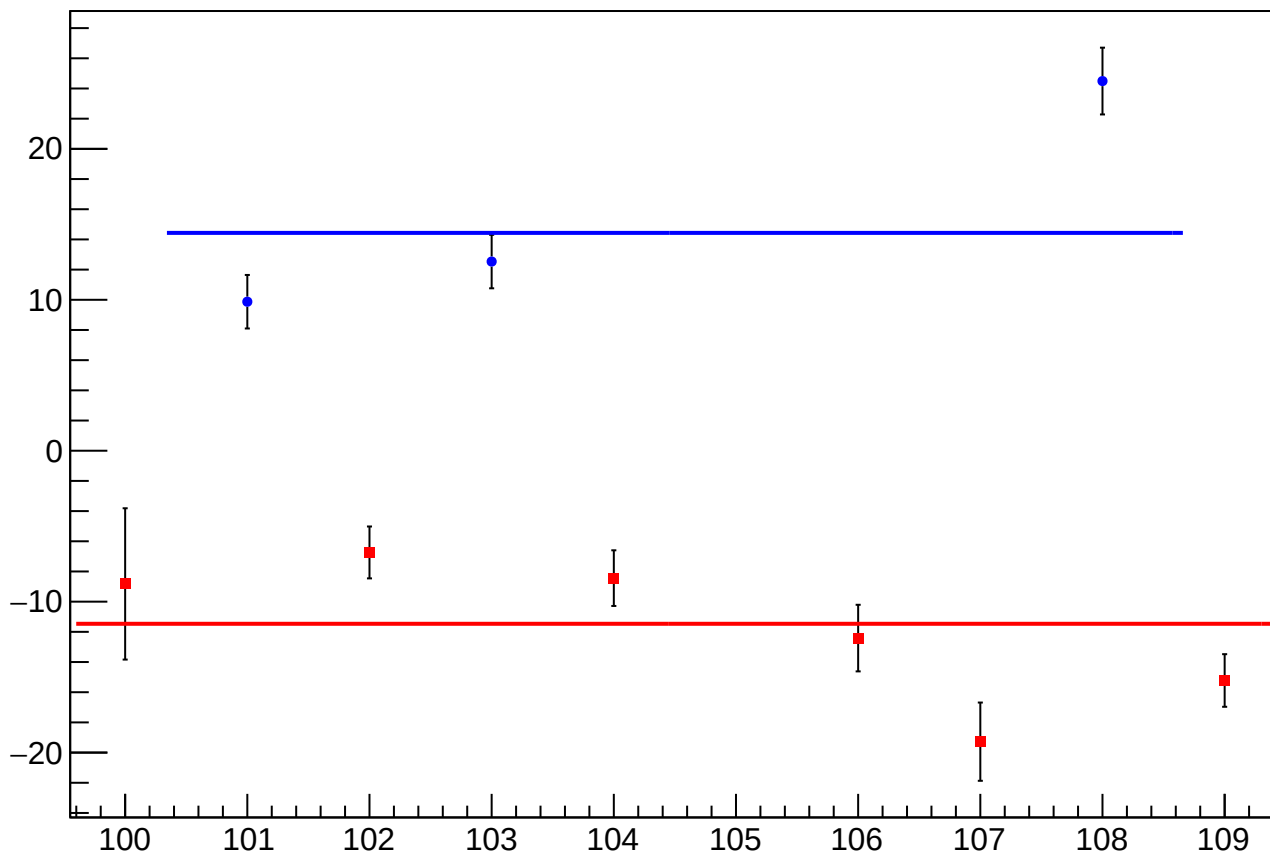
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1915.070 $\pm$ 0.719 χ^2 /NDF: 452134.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_mean vs Slug



Right In: 14.433 $\pm$ 1.091 χ^2 /NDF: 28.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.466 $\pm$ 0.859 χ^2 /NDF: 24.4/5

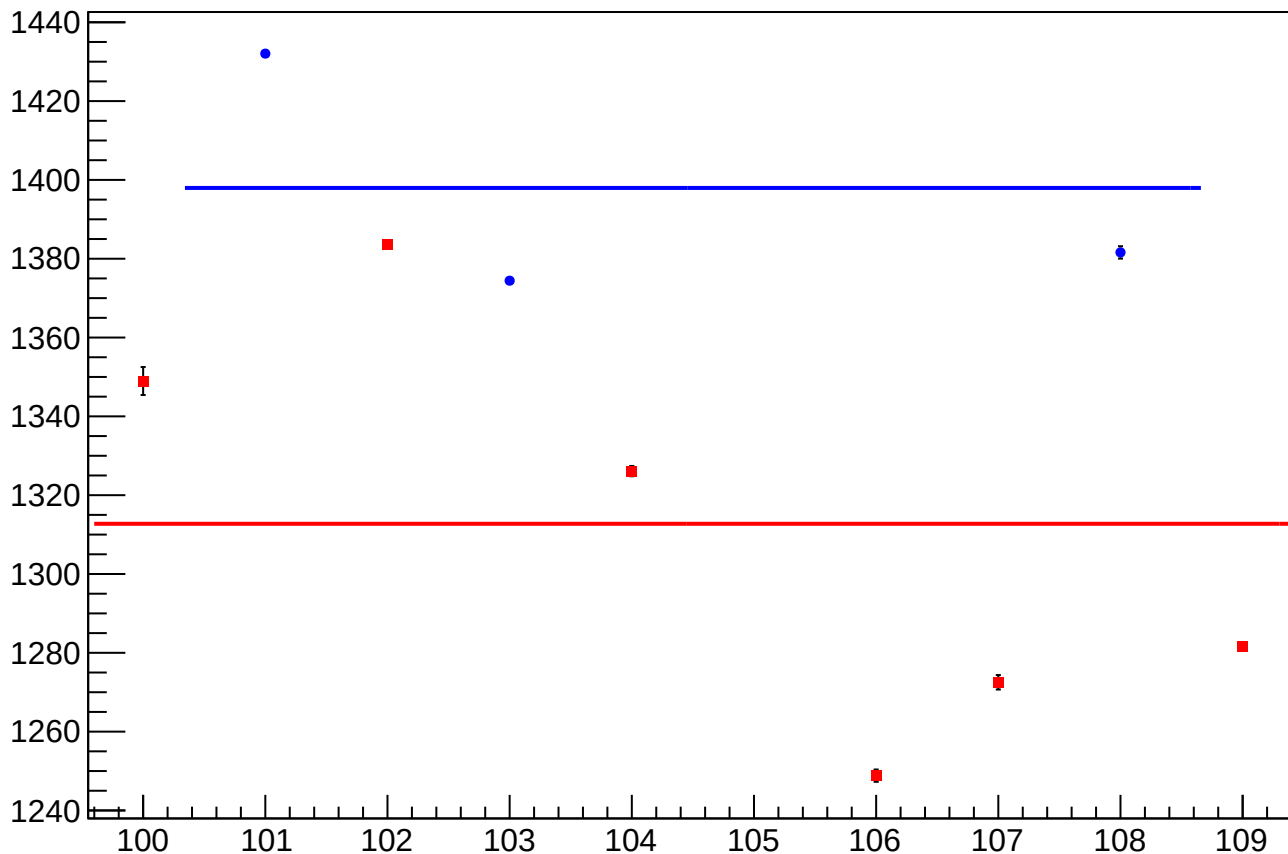
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.552 $\pm$ 0.675 χ^2 /NDF: 400.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1397.963 $\pm$ 0.771 χ^2 /NDF: 1200.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1312.744 $\pm$ 0.607 χ^2 /NDF: 6405.3/5

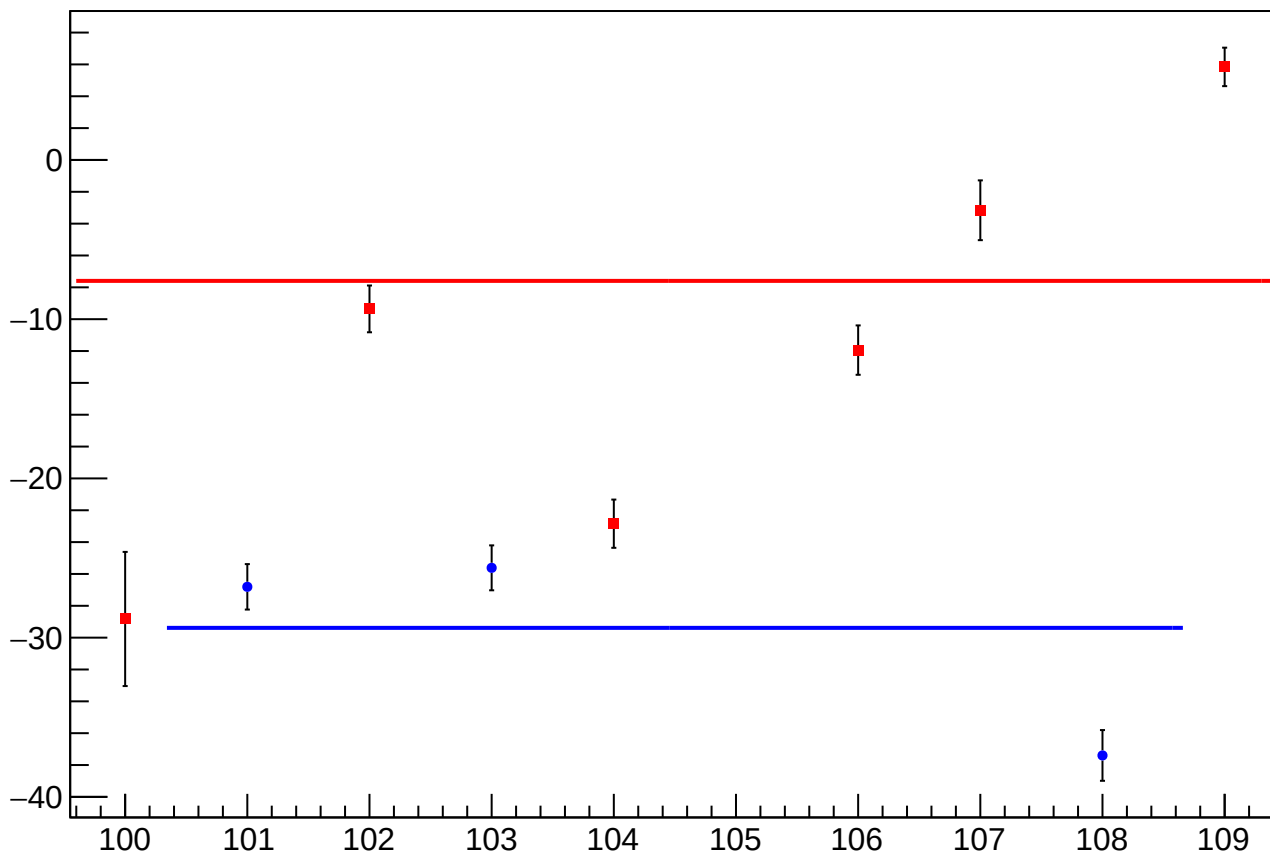
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1345.364 $\pm$ 0.477 χ^2 /NDF: 15142.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02X_mean vs Slug



Right In: -29.385 ± 0.849 χ^2/NDF : 35.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.595 ± 0.654 χ^2/NDF : 265.4/5

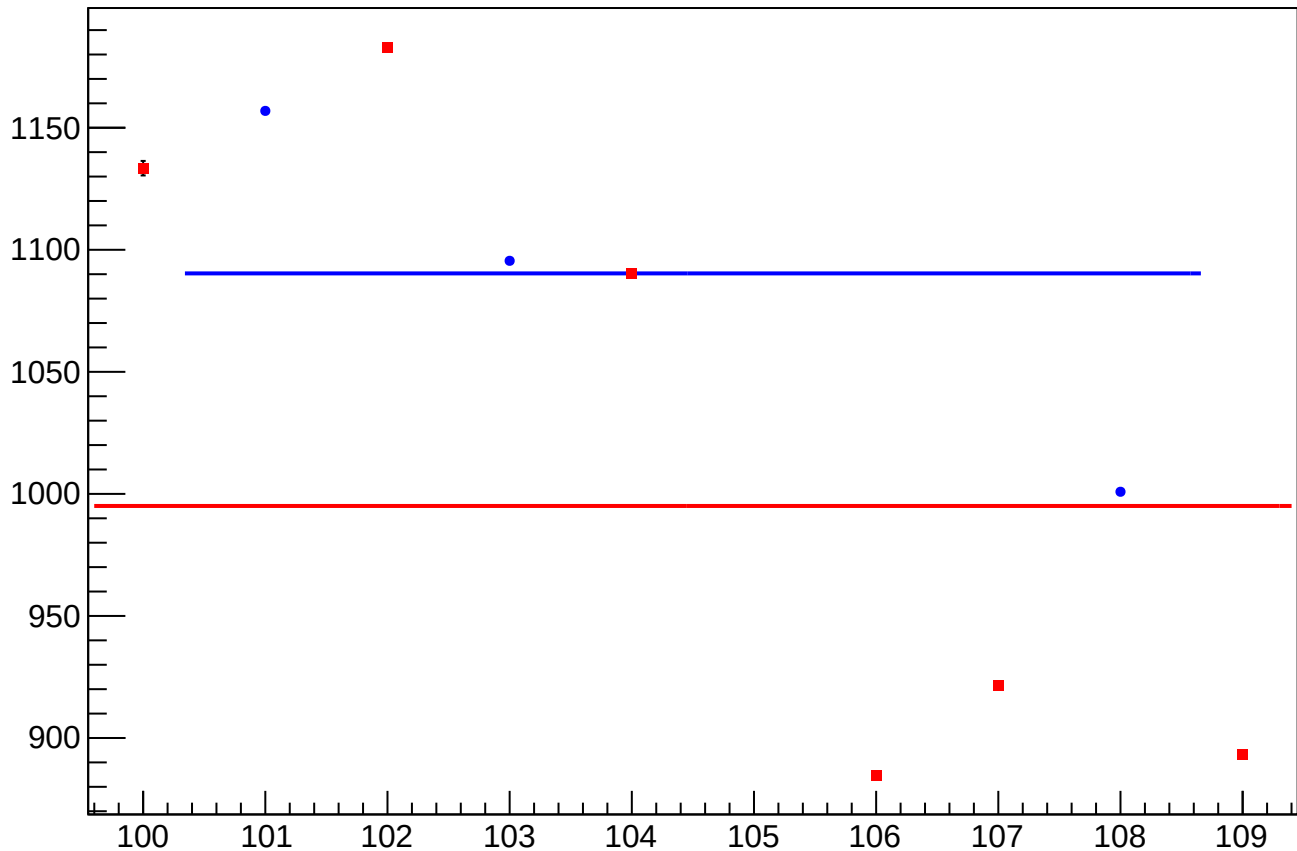
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.704 ± 0.518 χ^2/NDF : 714.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 1090.329 $\pm$ 0.600 χ^2 /NDF: 10685.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 995.056 $\pm$ 0.462 χ^2 /NDF: 70159.1/5

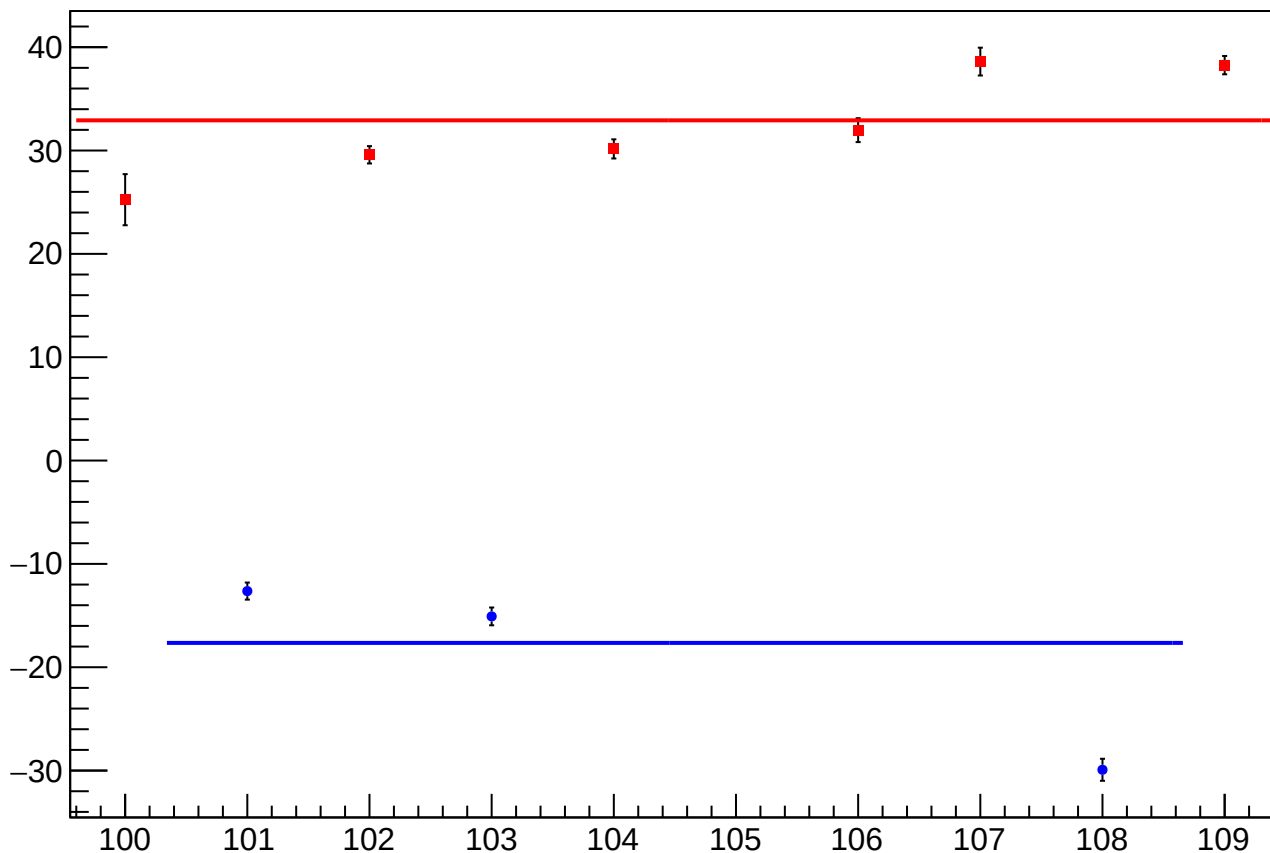
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1030.513 $\pm$ 0.366 χ^2 /NDF: 96658.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -17.645 $\pm$ 0.520 χ^2 /NDF: 178.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.919 $\pm$ 0.433 χ^2 /NDF: 89.2/5

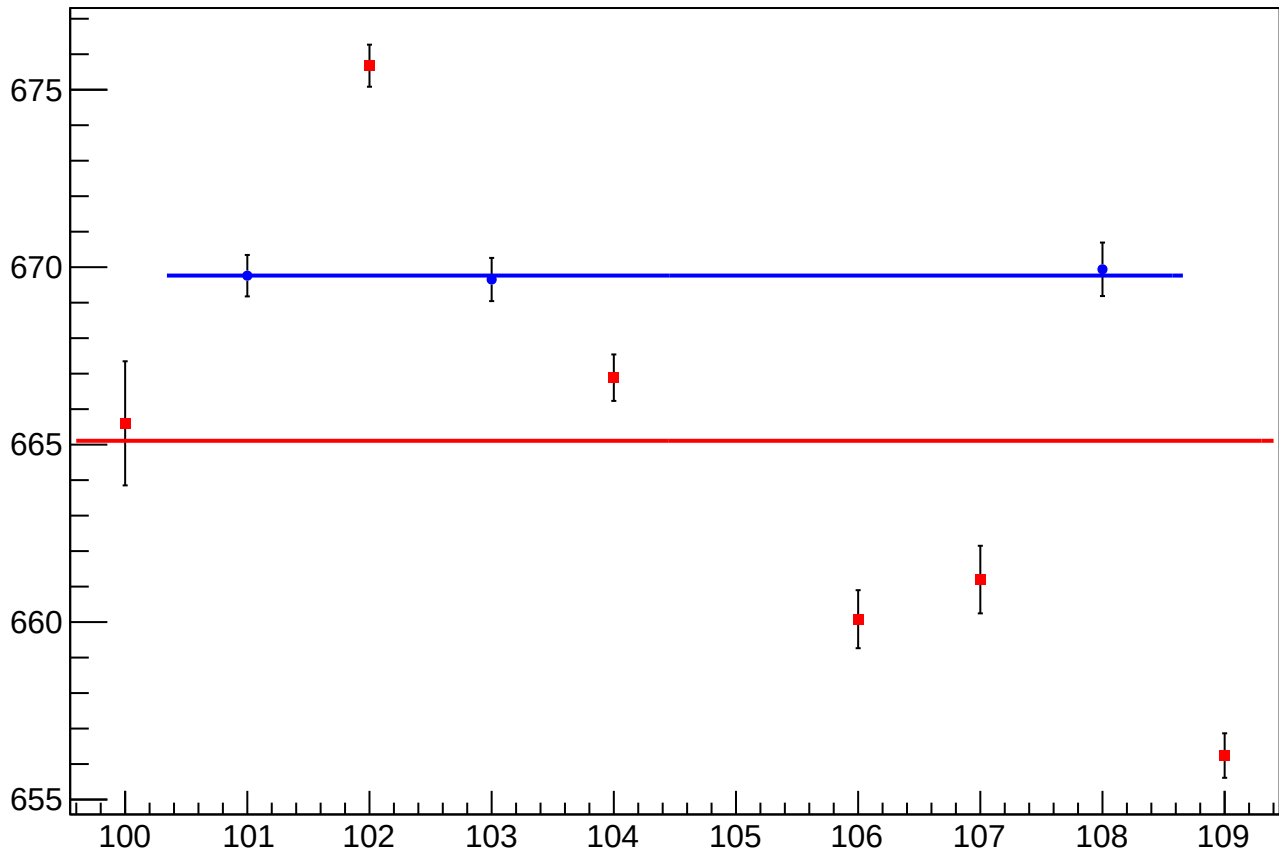
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.204 $\pm$ 0.333 χ^2 /NDF: 5846.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_rms vs Slug



Right In: 669.764 $\pm$ 0.368 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 665.108 $\pm$ 0.306 χ^2 /NDF: 580.3/5

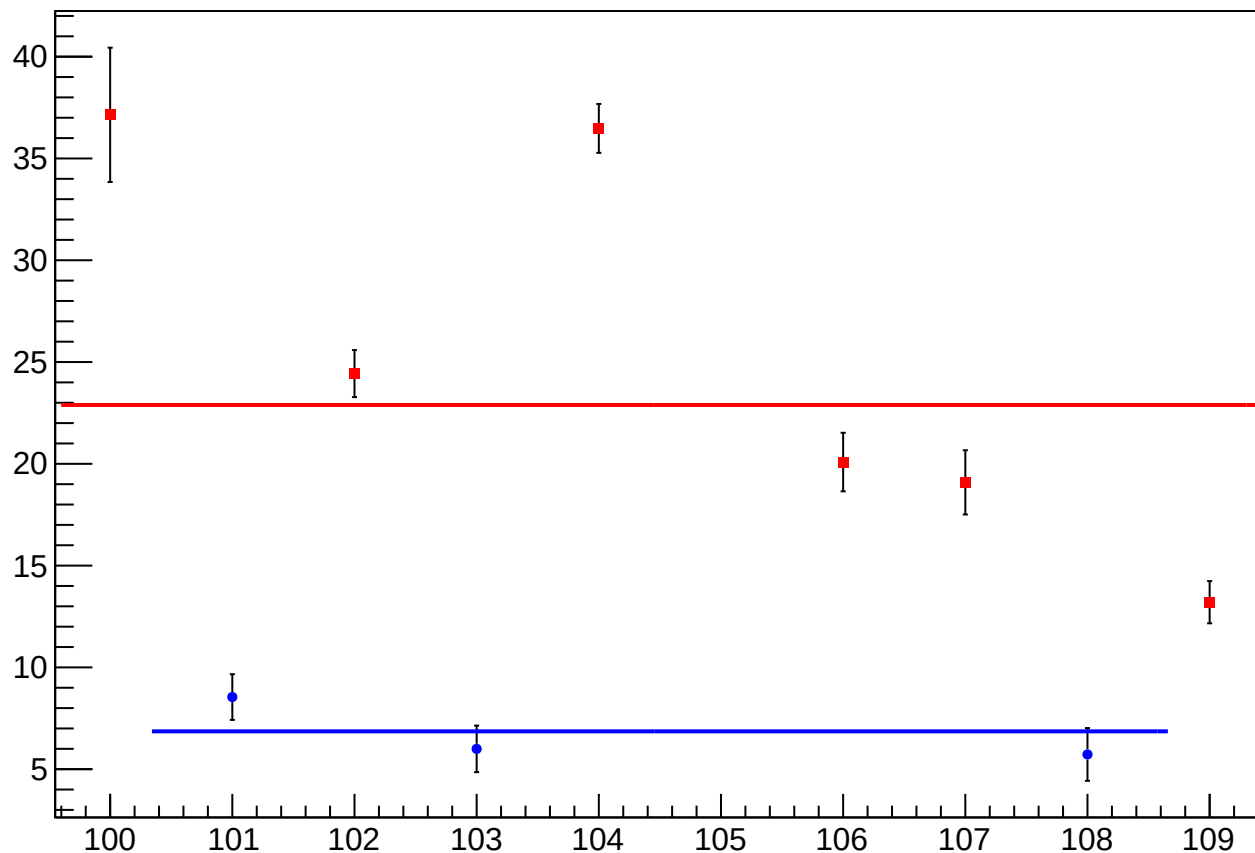
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 667.016 $\pm$ 0.235 χ^2 /NDF: 675.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 6.859 ± 0.681 χ^2/NDF : 3.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 22.890 ± 0.546 χ^2/NDF : 245.3/5

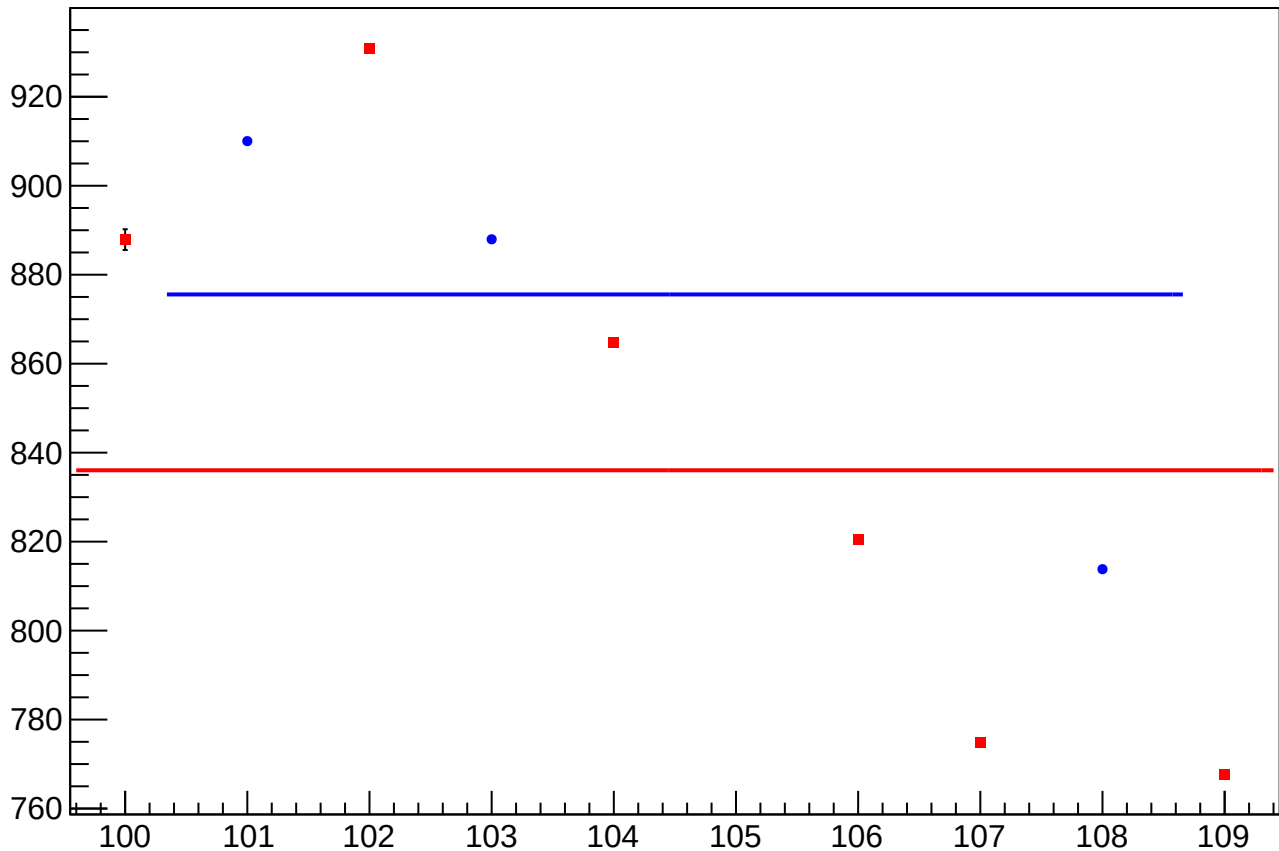
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 16.611 ± 0.426 χ^2/NDF : 585.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 875.569 $\pm$ 0.482 χ^2 /NDF: 6670.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 836.040 $\pm$ 0.386 χ^2 /NDF: 27063.7/5

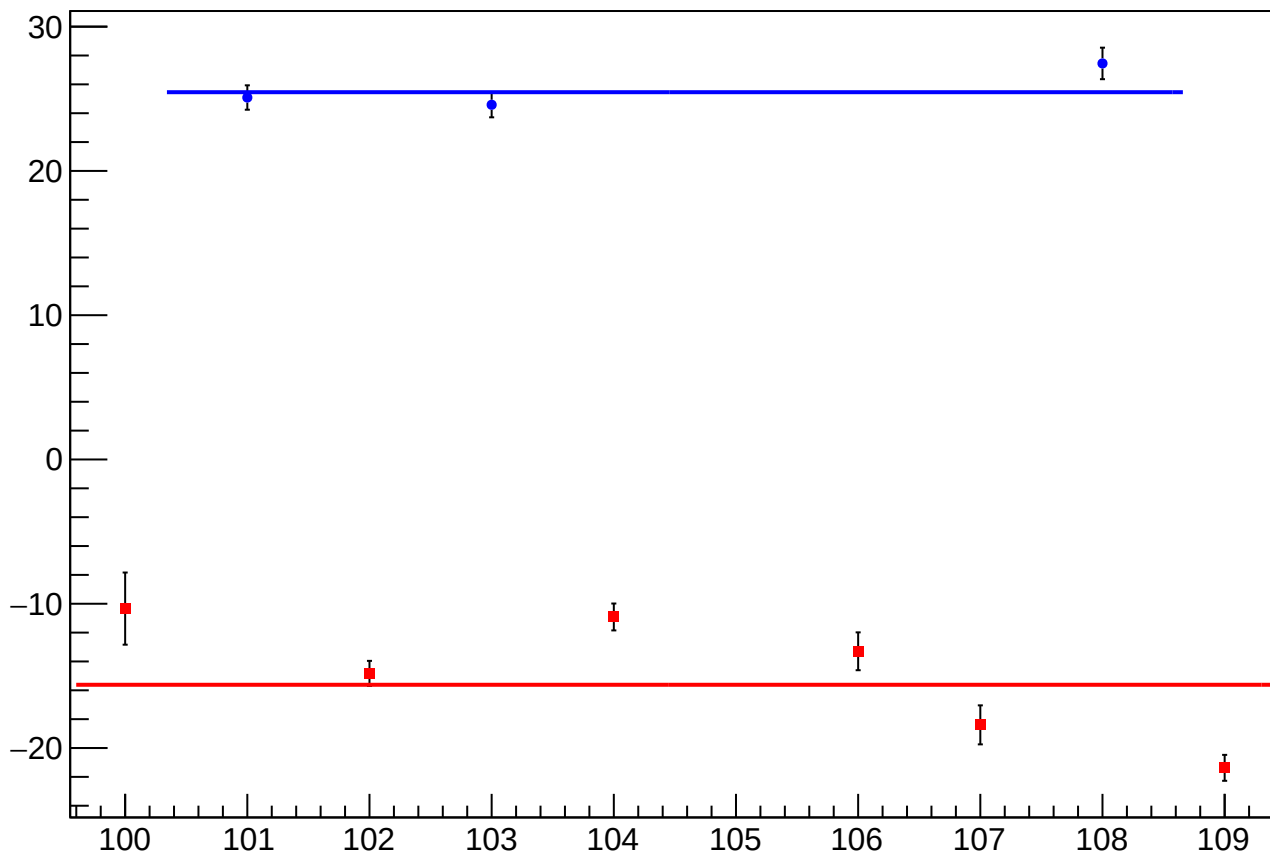
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 851.522 $\pm$ 0.301 χ^2 /NDF: 37832.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_mean vs Slug



Right In: 25.457 $\pm$ 0.530 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.616 $\pm$ 0.447 χ^2 /NDF: 79.1/5

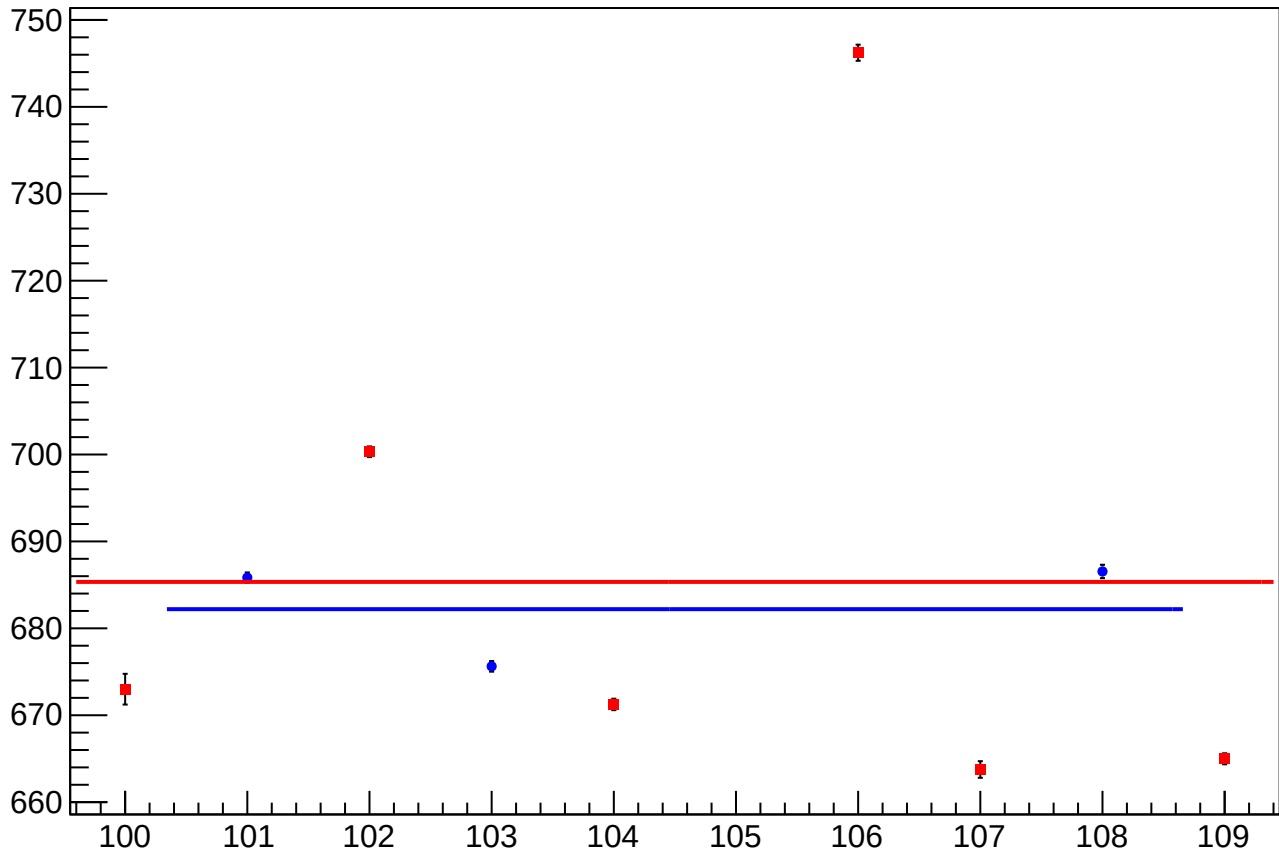
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.460 $\pm$ 0.342 χ^2 /NDF: 3592.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_rms vs Slug



Right In: 682.205 $\pm$ 0.375 χ^2 /NDF: 183.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 685.341 $\pm$ 0.316 χ^2 /NDF: 6945.3/5

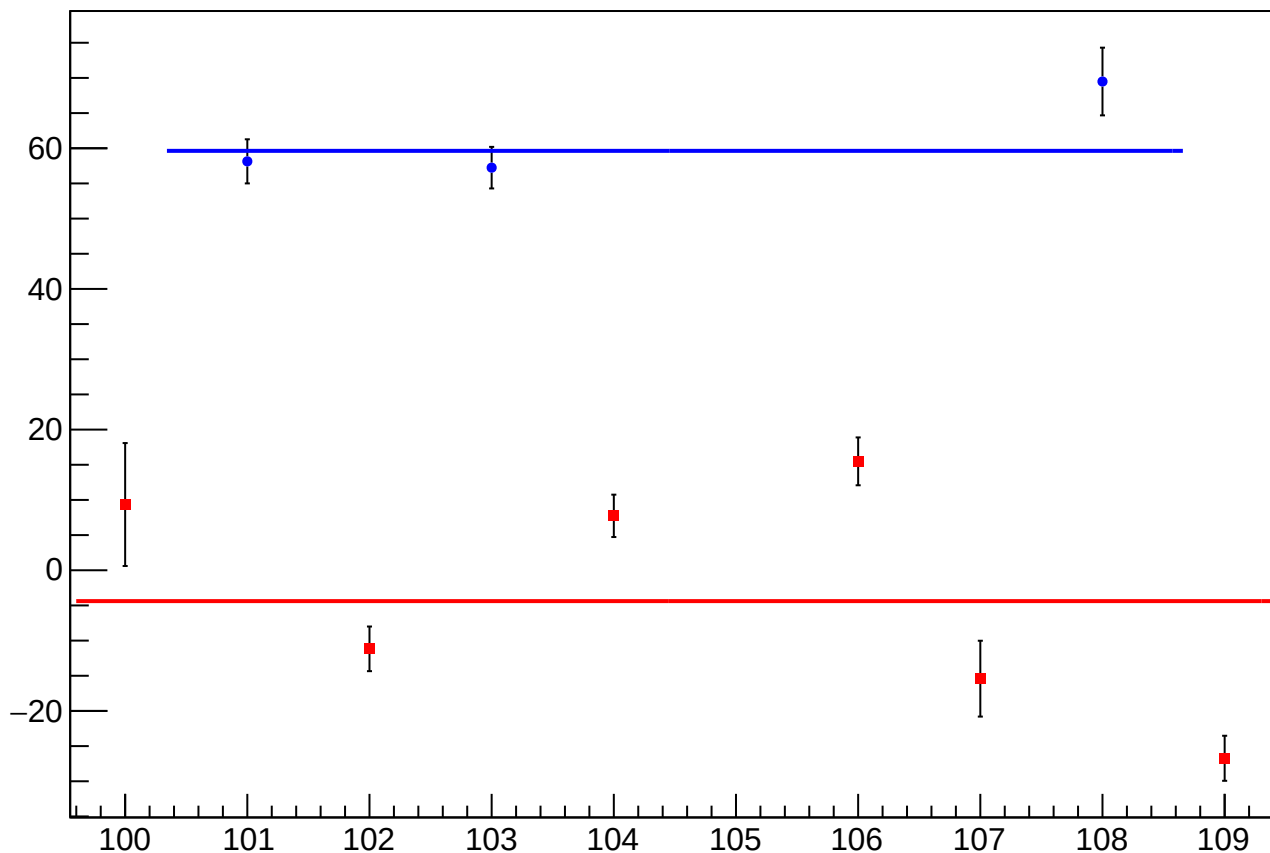
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 684.037 $\pm$ 0.242 χ^2 /NDF: 7169.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_mean vs Slug



Right In: 59.631+/-1.963 χ^2 /NDF: 5.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4.385+/-1.506 χ^2 /NDF: 110.2/5

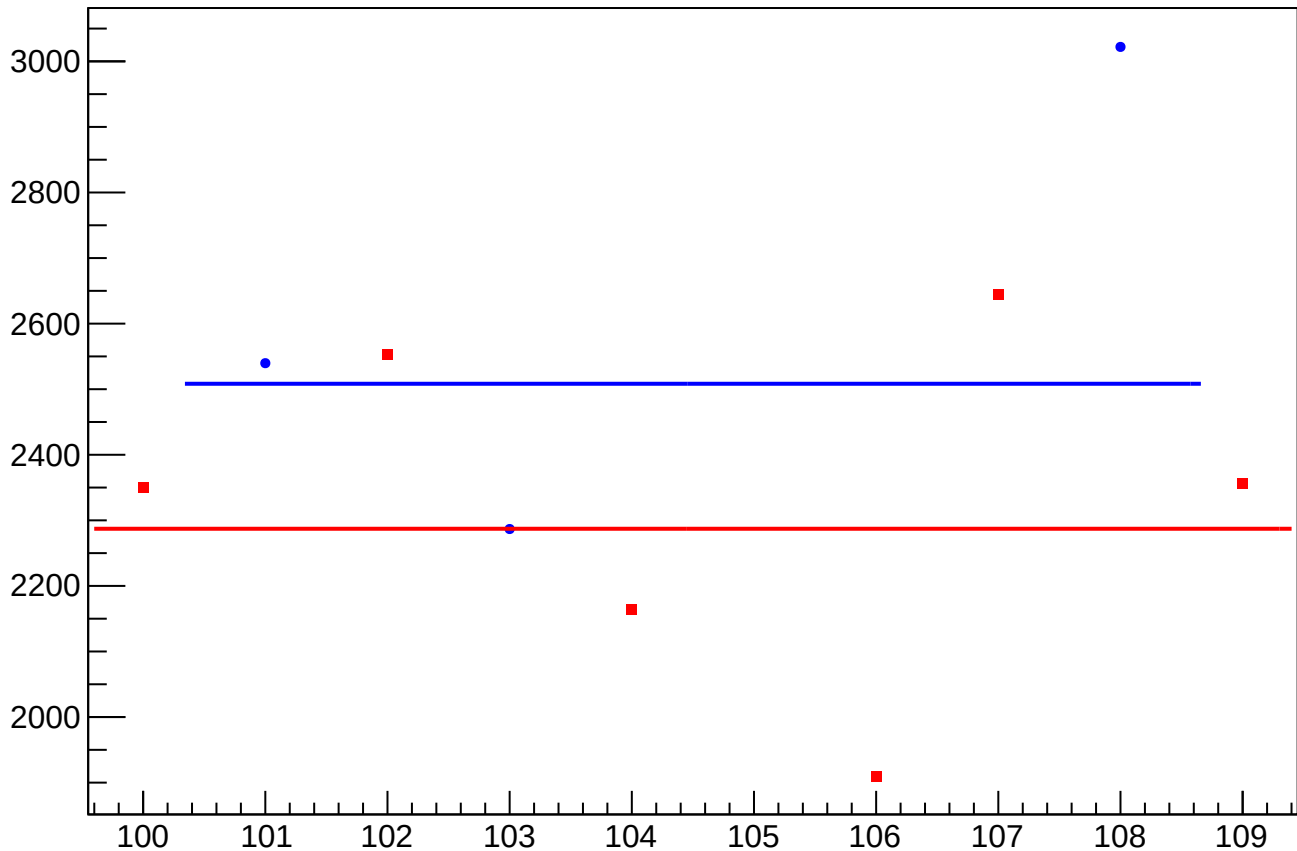
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.328+/-1.195 χ^2 /NDF: 784.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2508.292+/-1.388 χ^2/NDF : 34229.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2287.164+/-1.065 χ^2/NDF : 51860.0/5

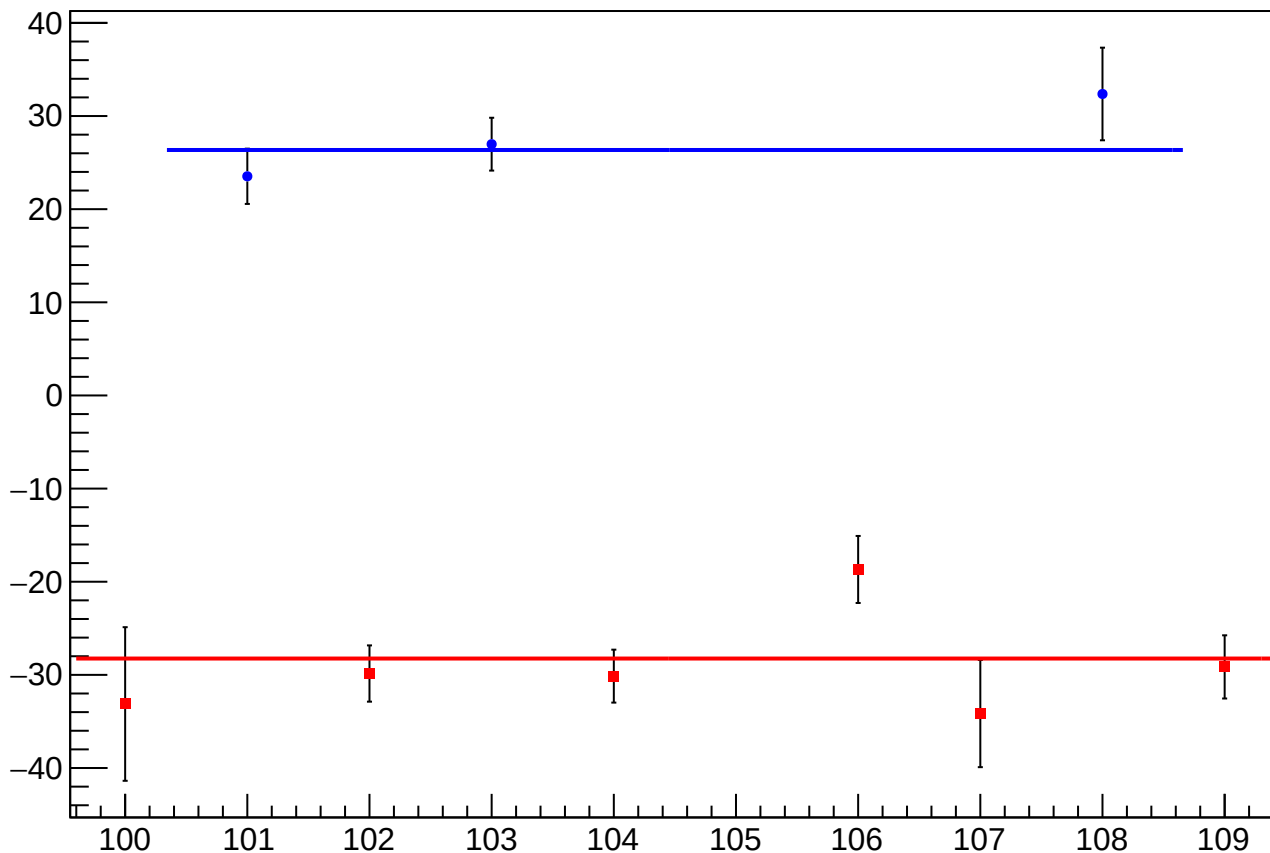
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2369.075+/-0.845 χ^2/NDF : 102060.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06Y_mean vs Slug



Right In: 26.354 $\pm$ 1.895 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -28.247 $\pm$ 1.503 χ^2 /NDF: 9.3/5

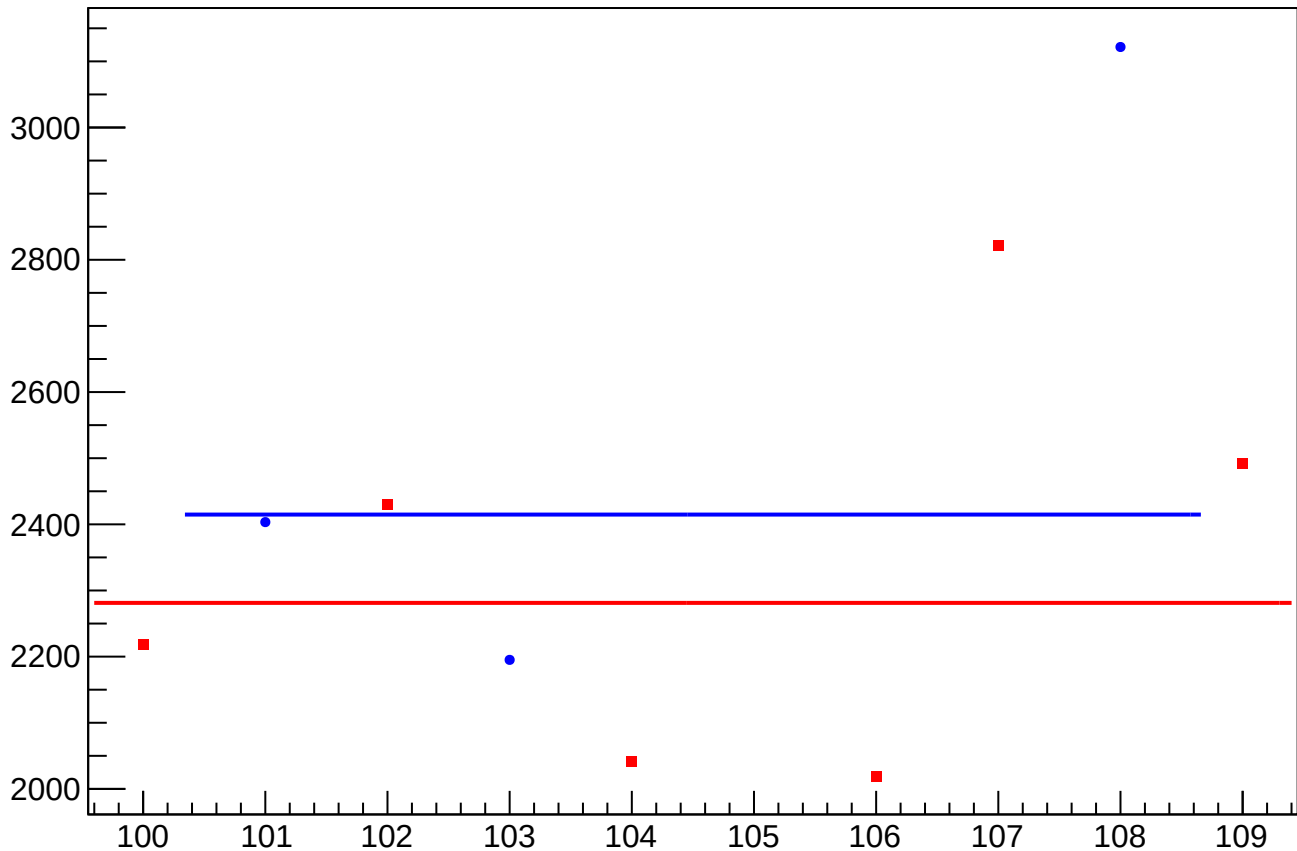
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.162 $\pm$ 1.178 χ^2 /NDF: 521.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2414.776 $\pm$ 1.340 χ^2 /NDF: 52462.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2281.254 $\pm$ 1.063 χ^2 /NDF: 55212.2/5

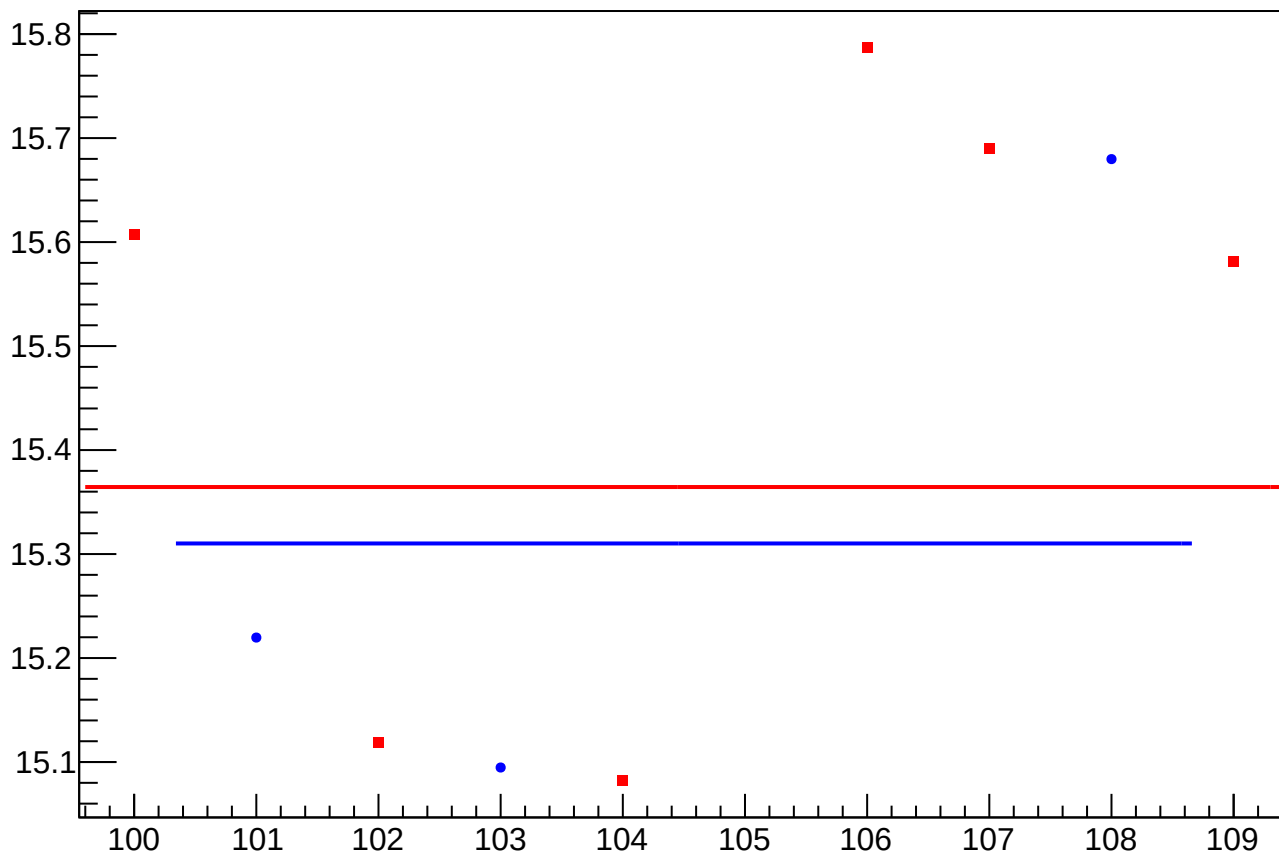
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2332.814 $\pm$ 0.833 χ^2 /NDF: 113766.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam1_mean vs Slug



Right In: 15.310+/-0.000 χ^2/NDF : 189811630.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.364+/-0.000 χ^2/NDF : 325357173.3/5

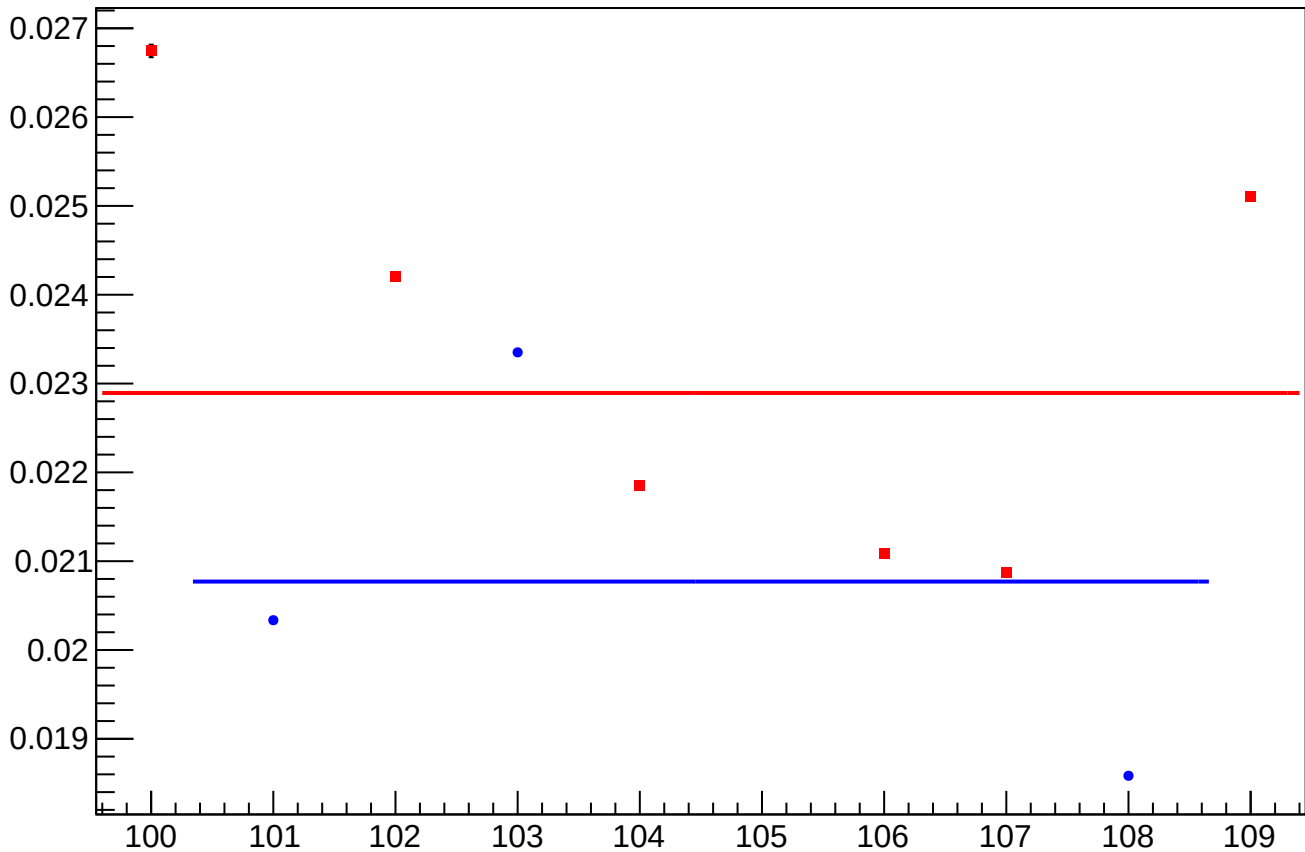
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.339+/-0.000 χ^2/NDF : 520420713.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.021+/-0.000 χ^2/NDF : 23510.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 21907.0/5

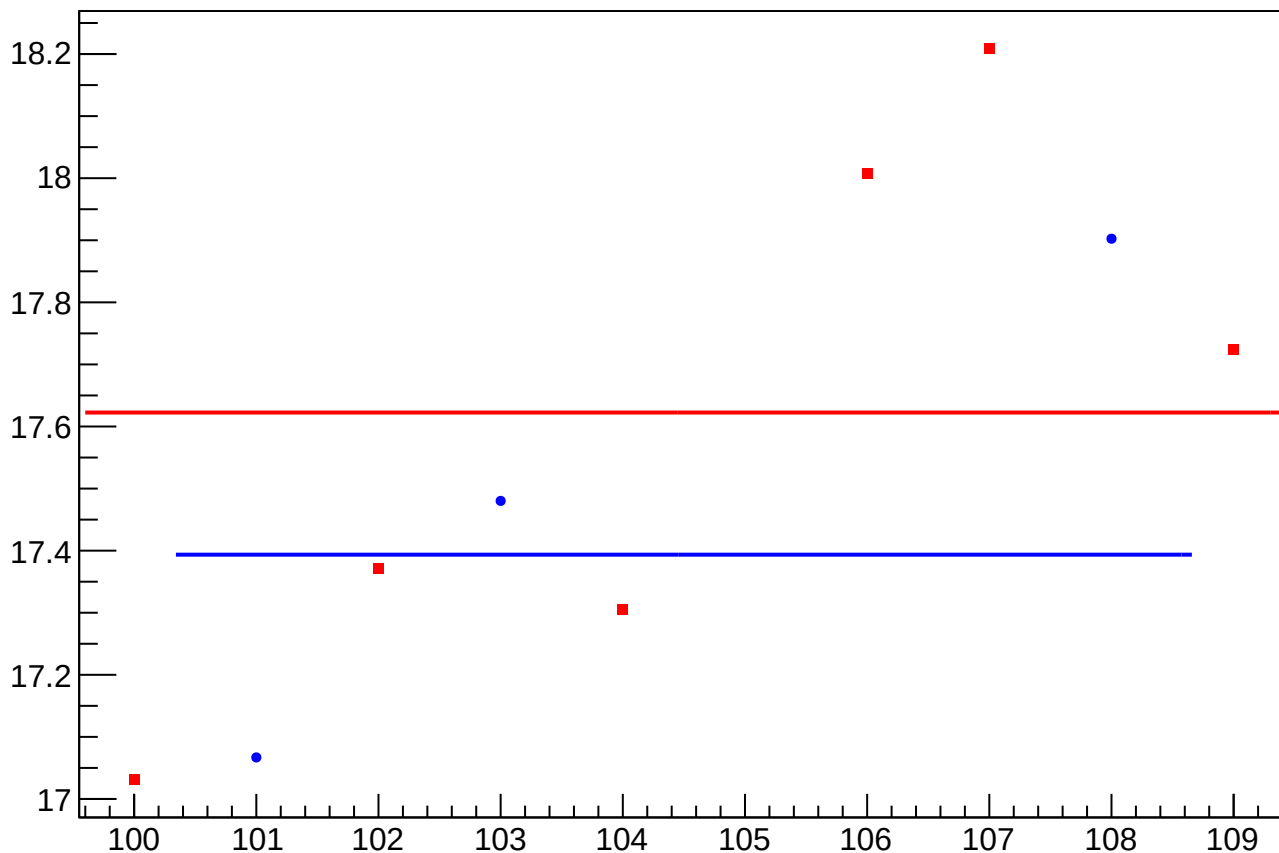
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 61494.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_mean vs Slug



Right In: 17.394 $\pm$ 0.000 χ^2 /NDF: 3470426.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 17.623 $\pm$ 0.000 χ^2 /NDF: 3108790.0/5

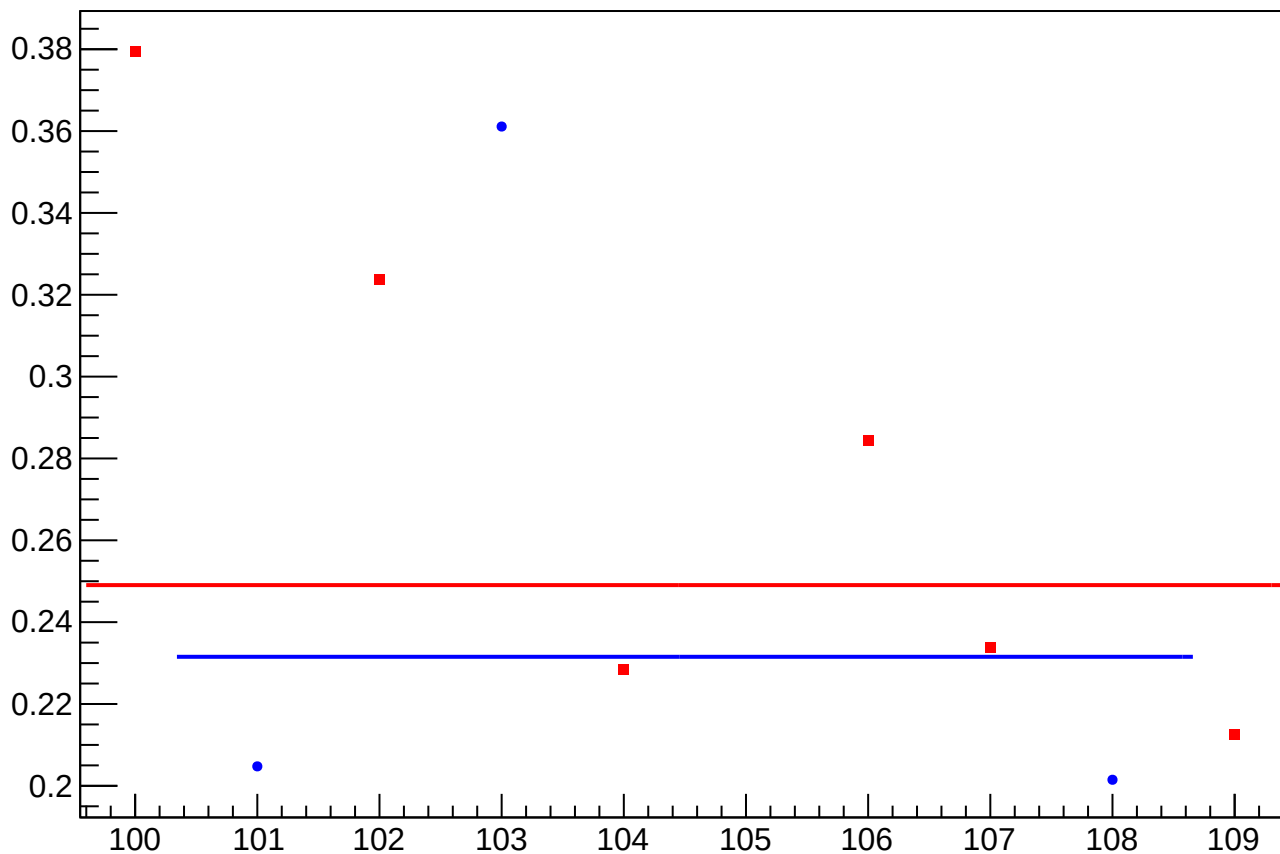
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.519 $\pm$ 0.000 χ^2 /NDF: 7313926.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam2_rms vs Slug



Right In: 0.232+/-0.000 χ^2/NDF : 186177.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.249+/-0.000 χ^2/NDF : 122325.0/5

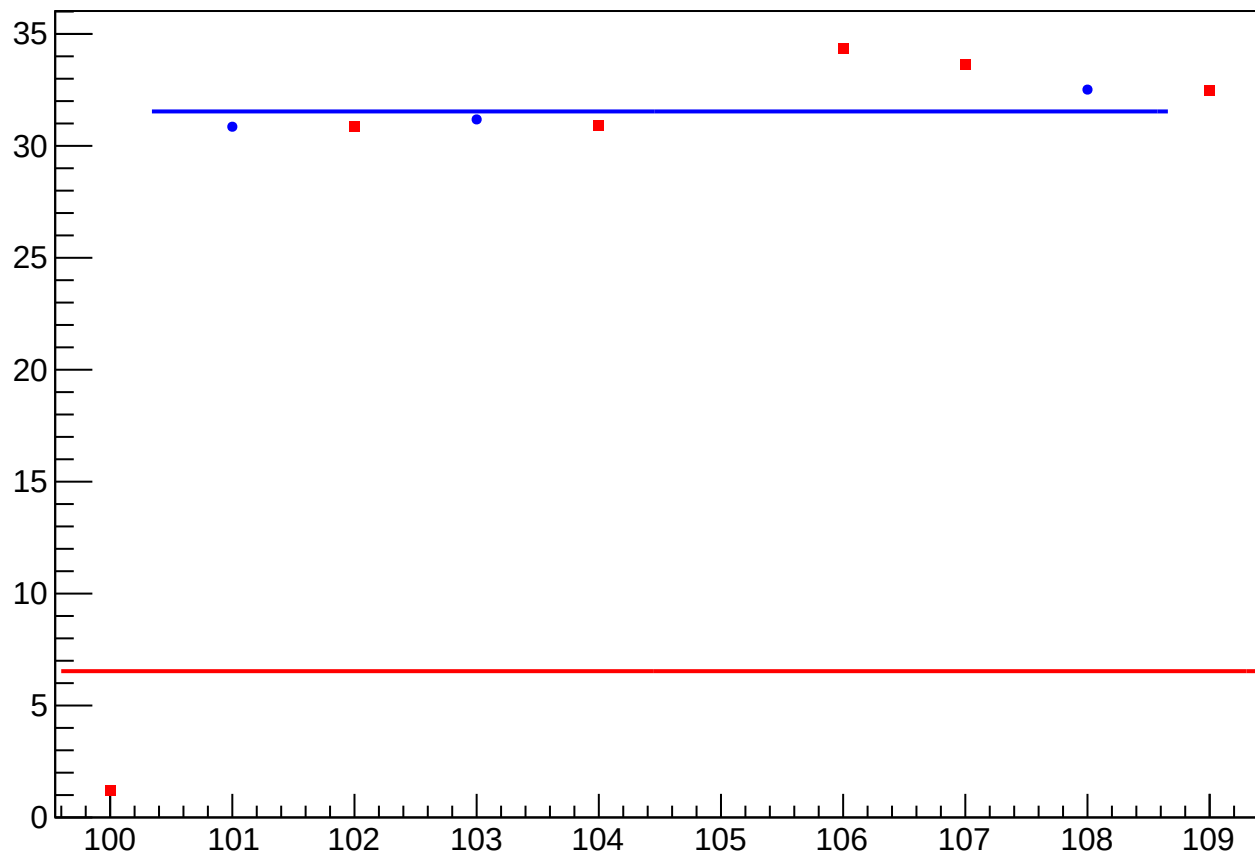
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.241+/-0.000 χ^2/NDF : 317101.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_mean vs Slug



Right In: 31.538 $\pm$ 0.000 χ^2 /NDF: 24464109.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.535 $\pm$ 0.000 χ^2 /NDF: 65022116039.8/5

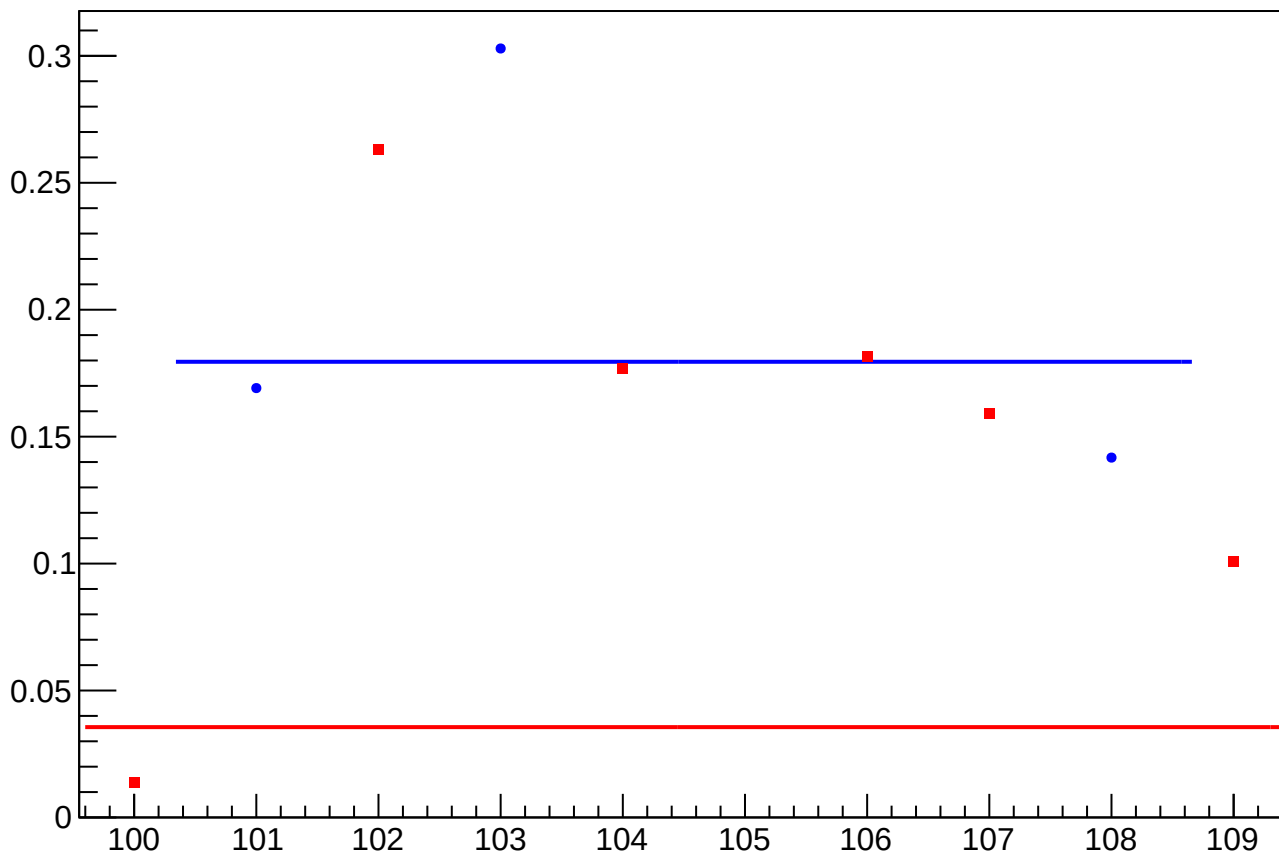
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.530 $\pm$ 0.000 χ^2 /NDF: 88555885090.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam3_rms vs Slug



Right In: 0.179 $\pm$ 0.000 χ^2 /NDF: 241945.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.036 $\pm$ 0.000 χ^2 /NDF: 2645376.7/5

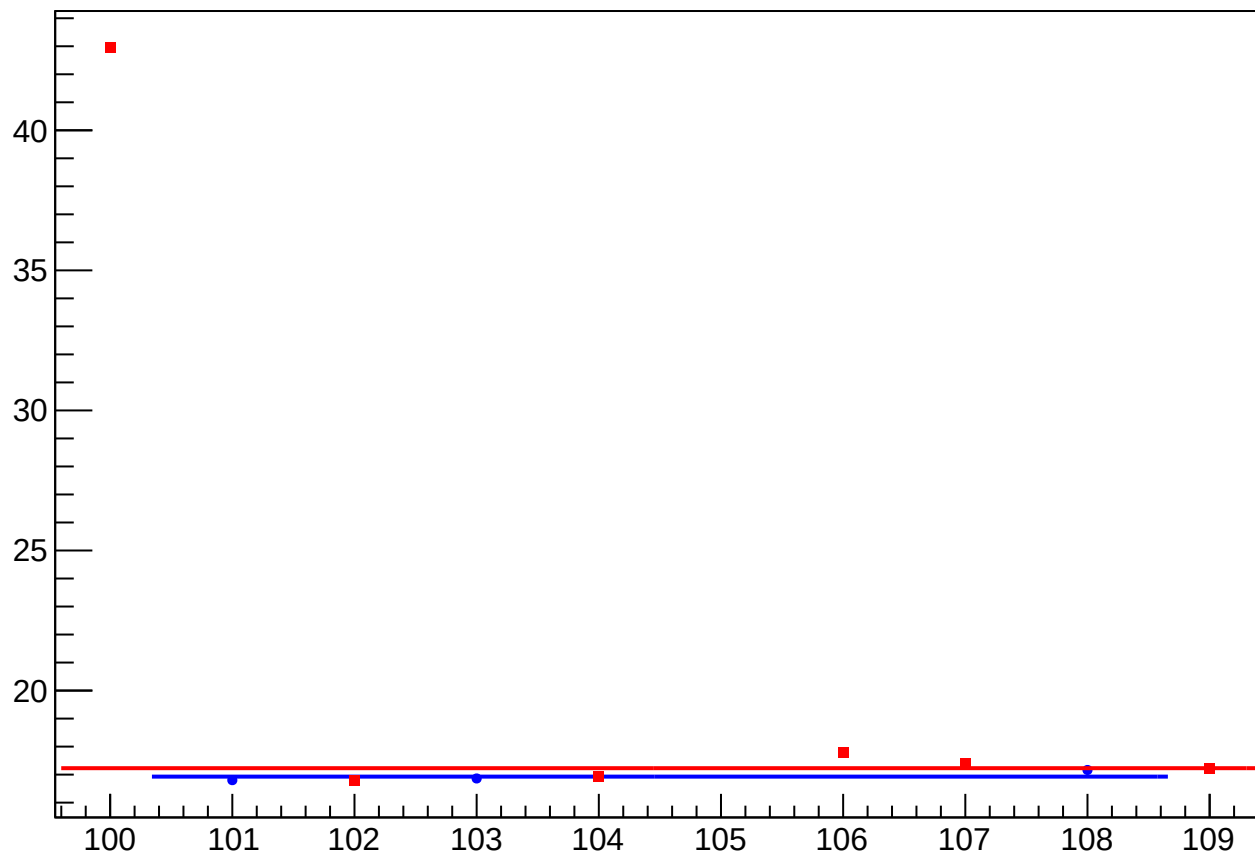
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.047 $\pm$ 0.000 χ^2 /NDF: 4444936.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam4_mean vs Slug



Right In: 16.928+/-0.000 χ^2/NDF : 3027177.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.229+/-0.000 χ^2/NDF : 254329165.4/5

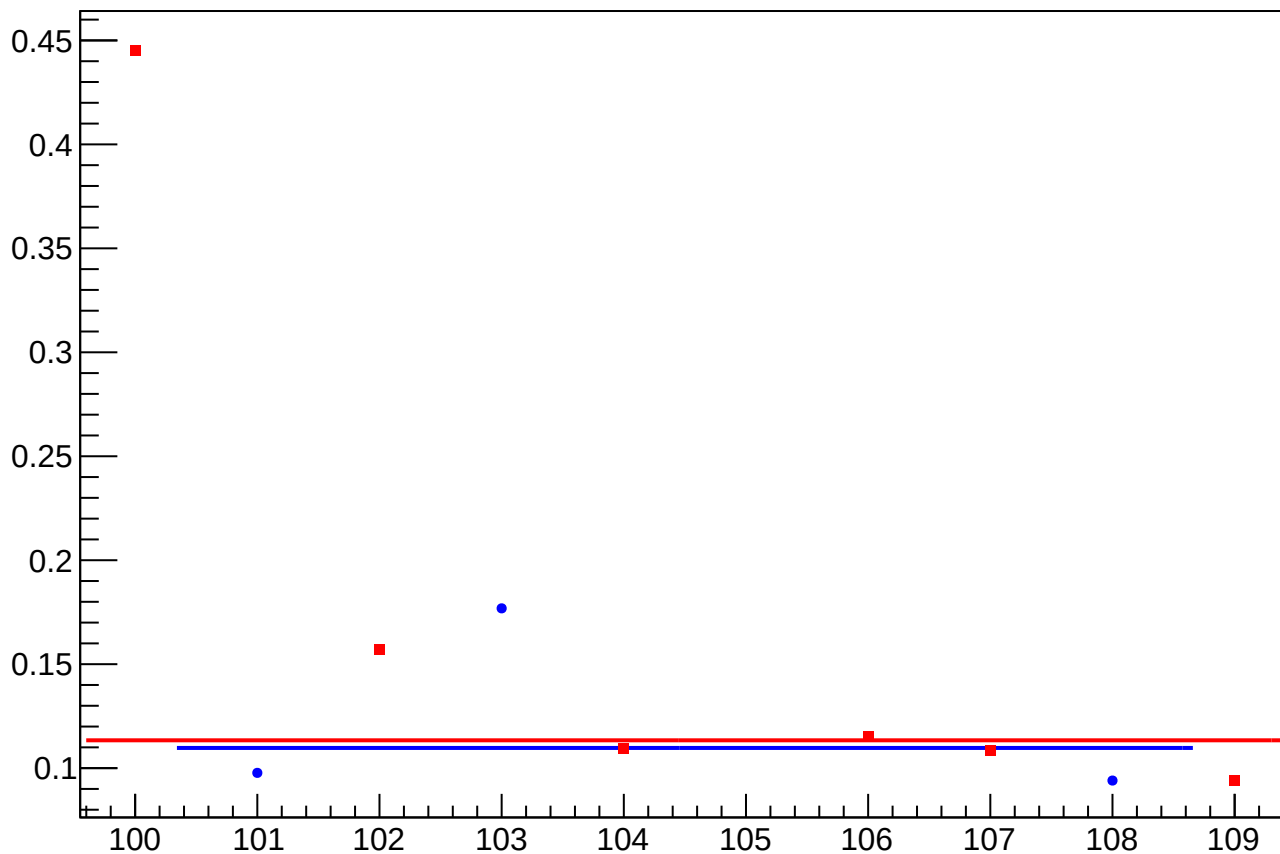
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.097+/-0.000 χ^2/NDF : 263062759.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug



Right In: 0.110 $\pm$ 0.000 χ^2 /NDF: 203431.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.113 $\pm$ 0.000 χ^2 /NDF: 207196.2/5

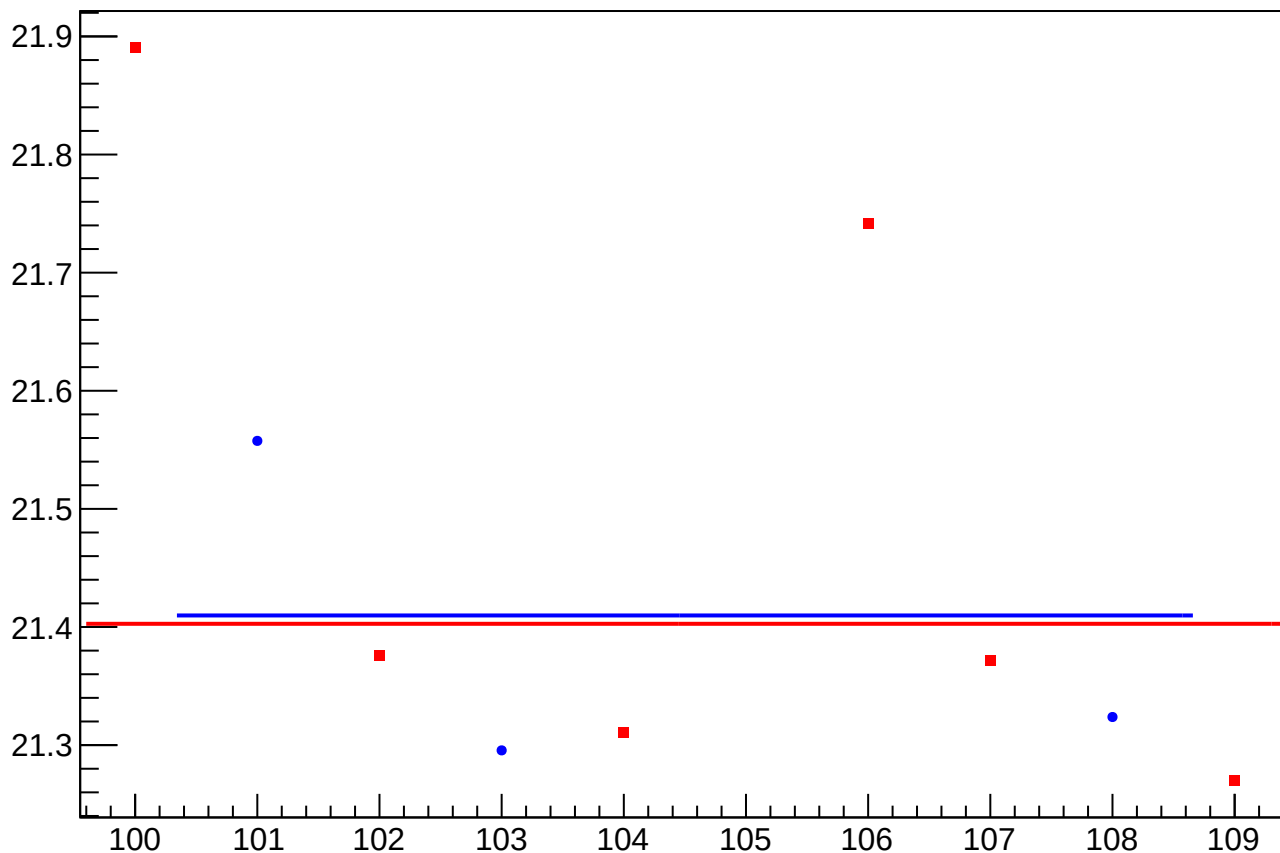
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.112 $\pm$ 0.000 χ^2 /NDF: 412327.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam5_mean vs Slug



Right In: 21.410 $\pm$ 0.000 χ^2 /NDF: 42157778.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.403 $\pm$ 0.000 χ^2 /NDF: 88820160.2/5

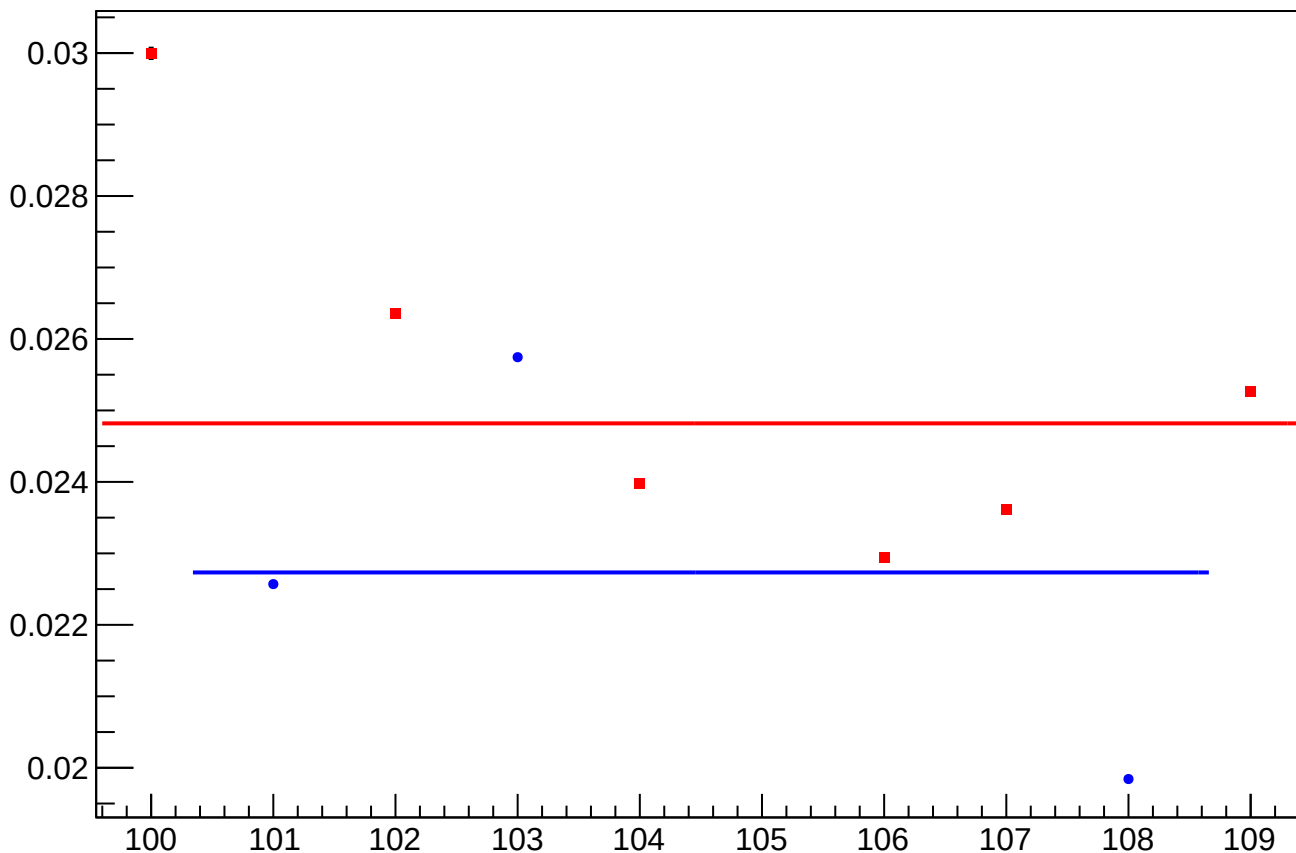
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.406 $\pm$ 0.000 χ^2 /NDF: 131052740.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam5_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 29350.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.000 χ^2/NDF : 14046.7/5

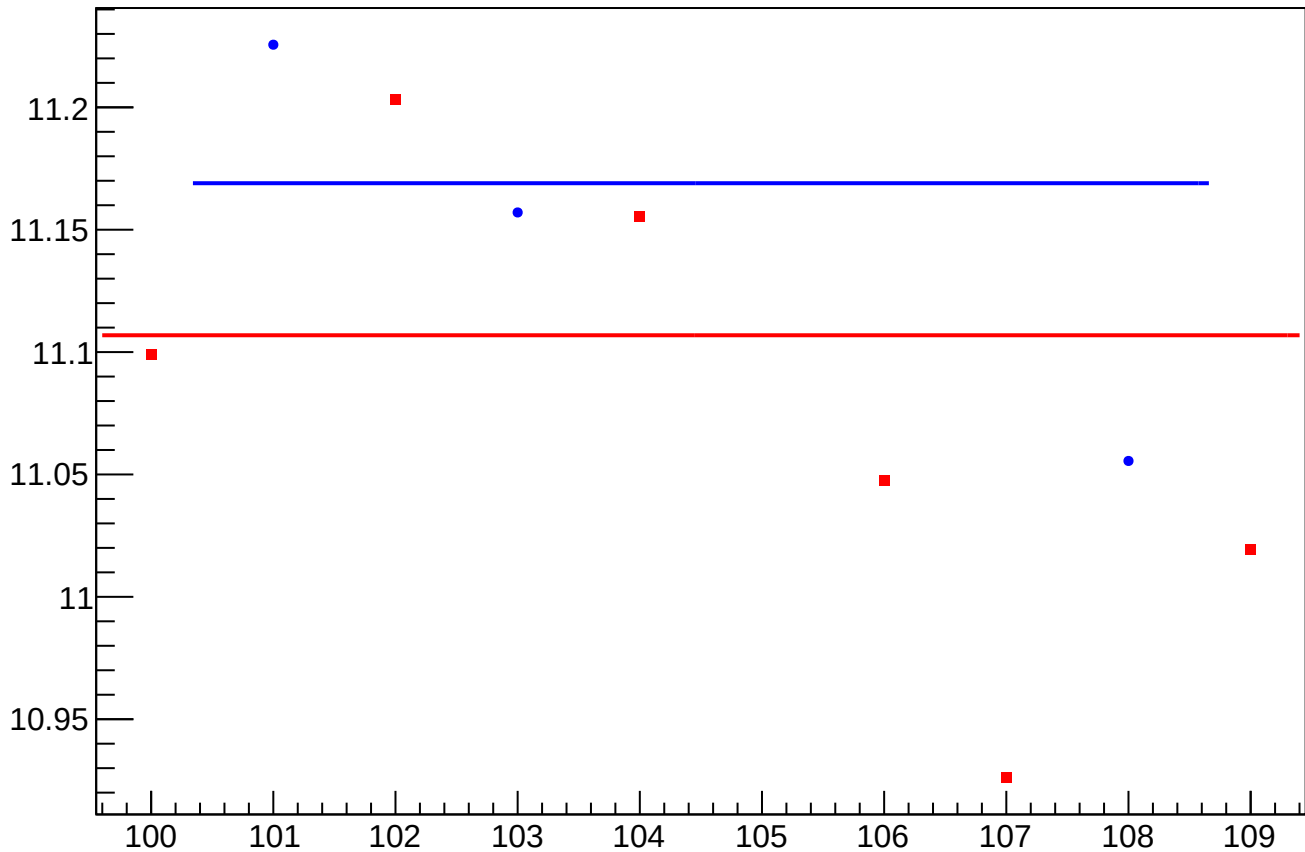
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.000 χ^2/NDF : 56435.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_mean vs Slug



Right In: 11.169 $\pm$ 0.000 χ^2 /NDF: 65593644.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.107 $\pm$ 0.000 χ^2 /NDF: 107601810.2/5

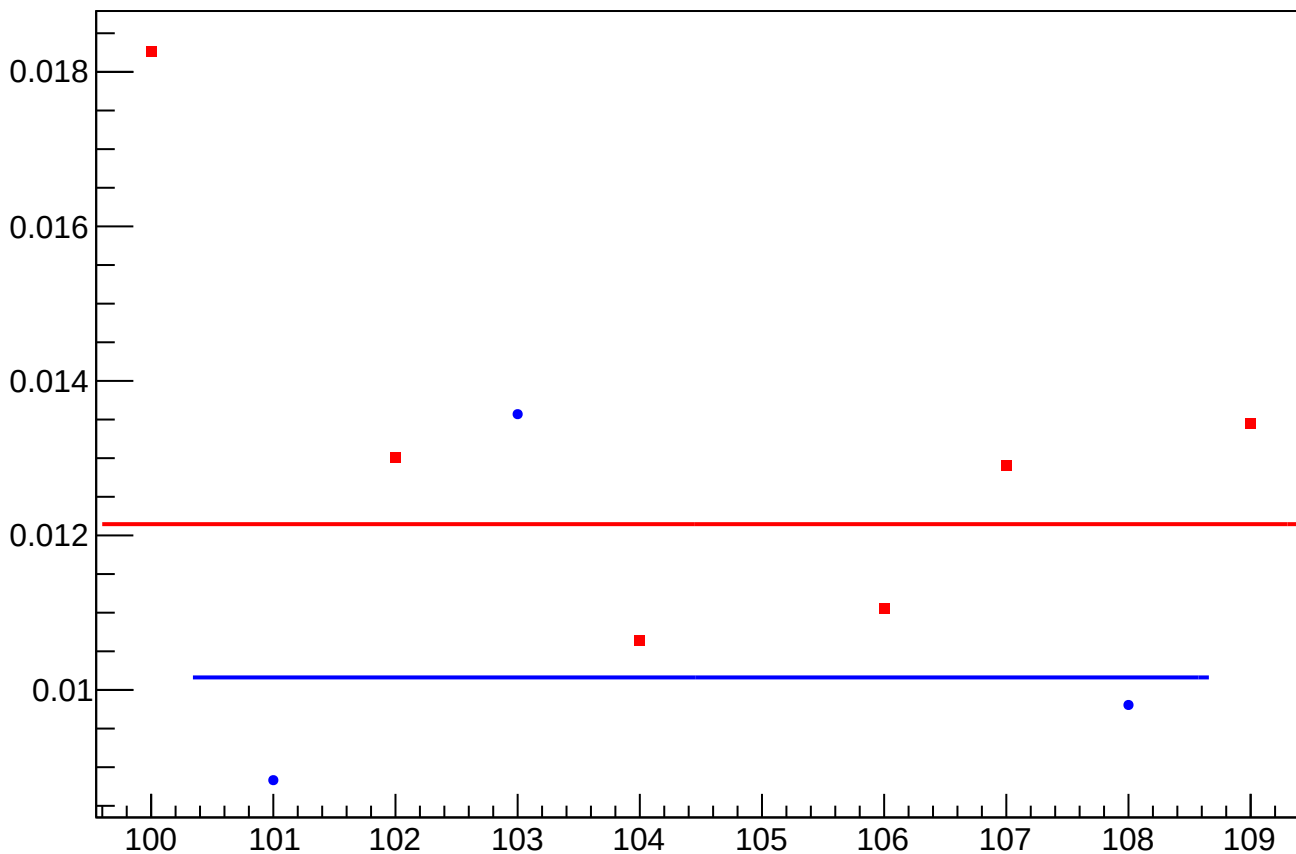
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.138 $\pm$ 0.000 χ^2 /NDF: 199416772.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam6_rms vs Slug



Right In: 0.010 $\pm$ 0.000 χ^2 /NDF: 99631.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 54800.6/5

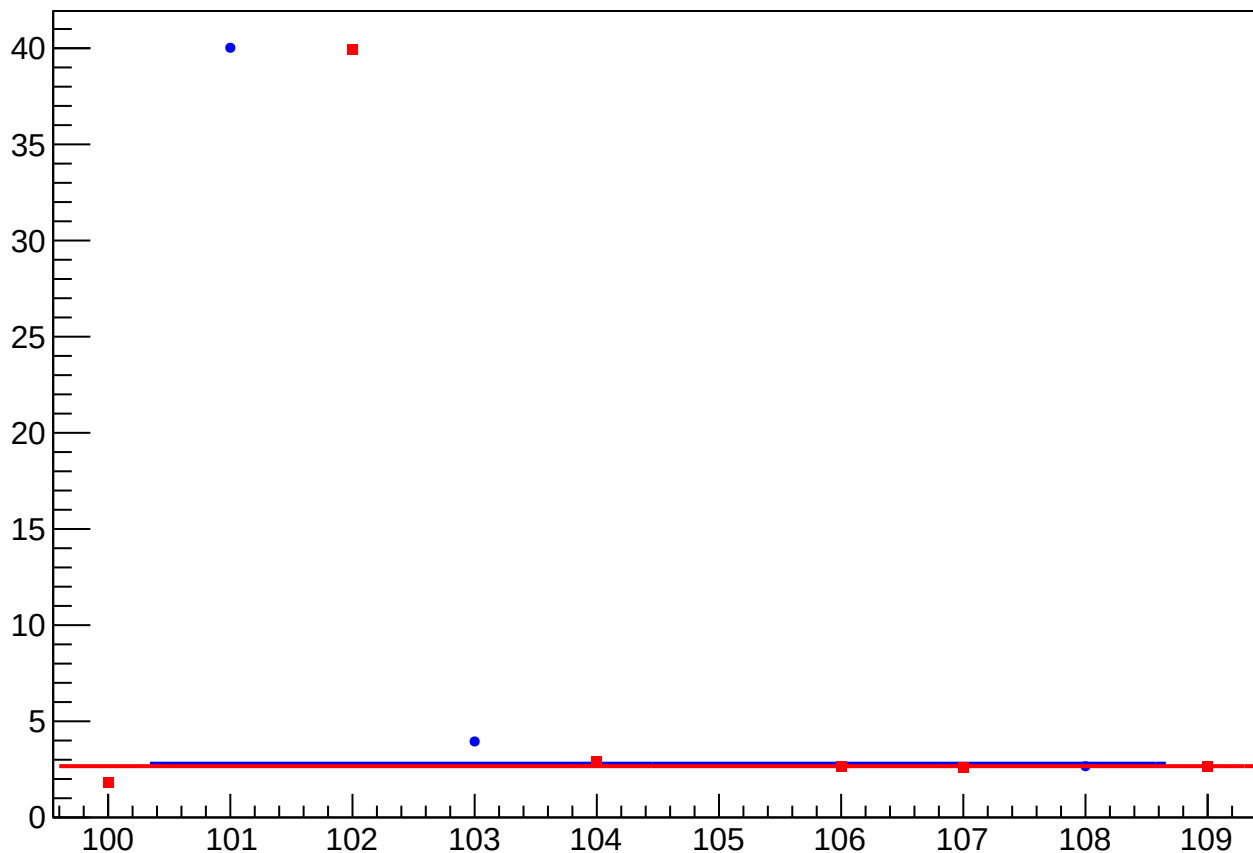
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.000 χ^2 /NDF: 207914.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam7_mean vs Slug



Right In: 2.796+/-0.000 χ^2/NDF : 61313359044.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.667+/-0.000 χ^2/NDF : 59966497337.3/5

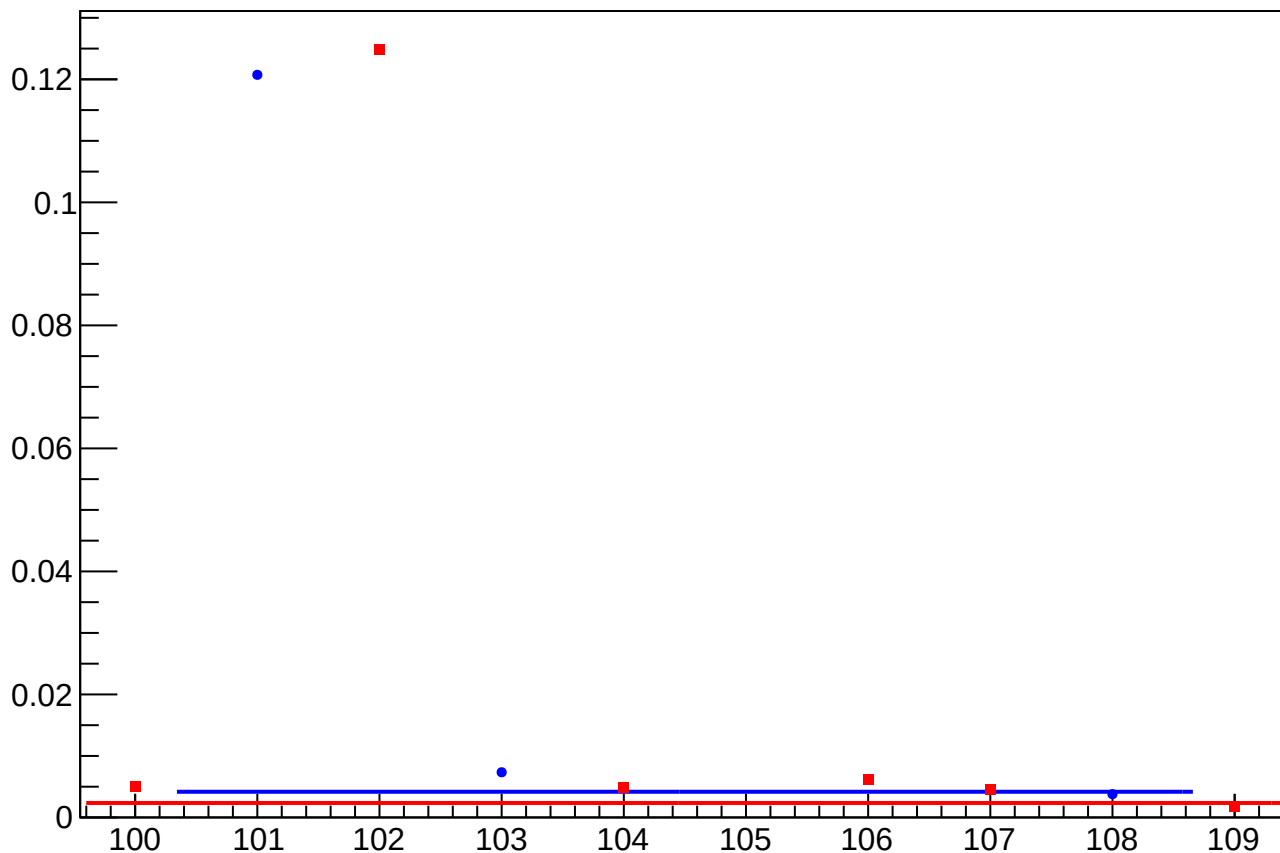
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.682+/-0.000 χ^2/NDF : 121623564651.8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 1194242.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 1842110.2/5

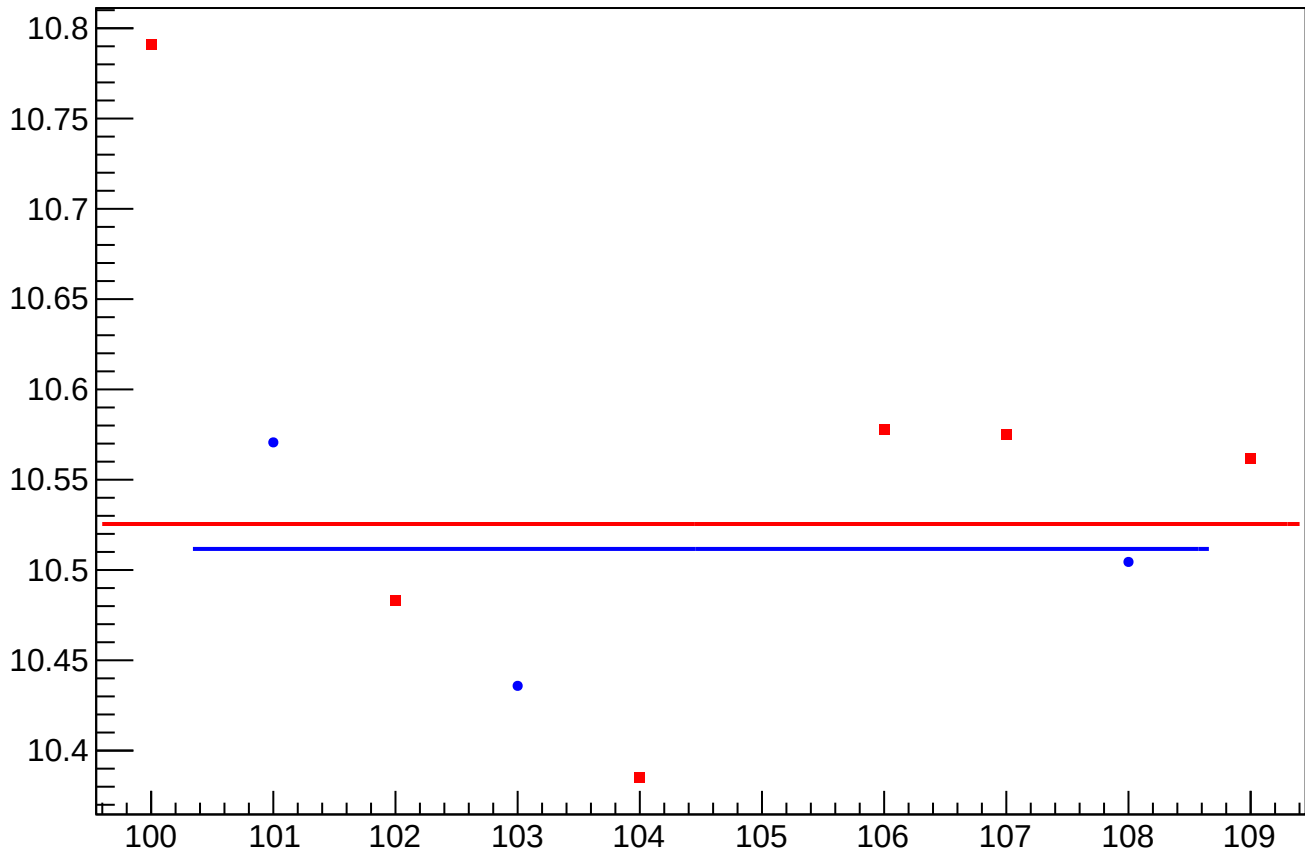
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 3174102.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam8_mean vs Slug



Right In: 10.512+/-0.000 χ^2/NDF : 41187638.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.525+/-0.000 χ^2/NDF : 173745132.0/5

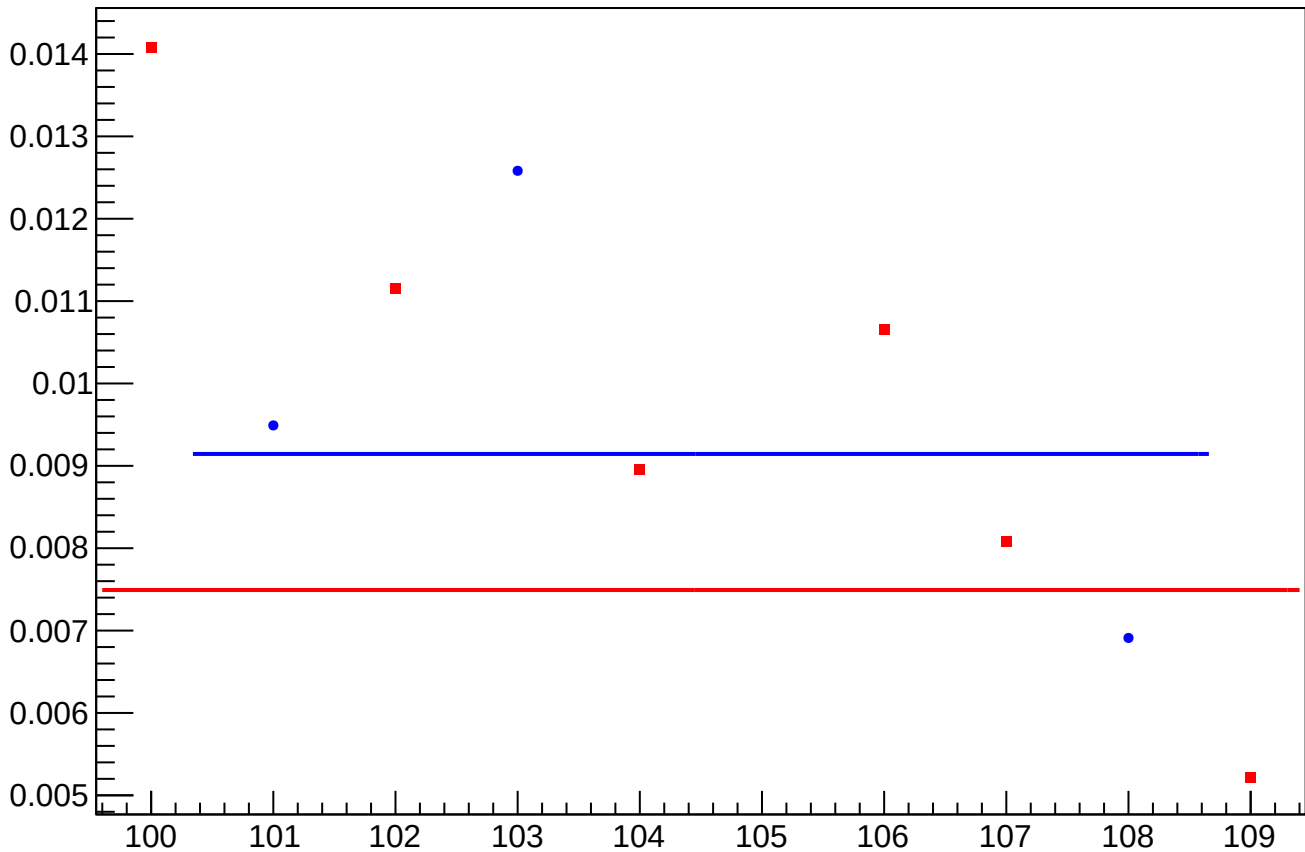
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.521+/-0.000 χ^2/NDF : 216969511.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 155119.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 404544.9/5

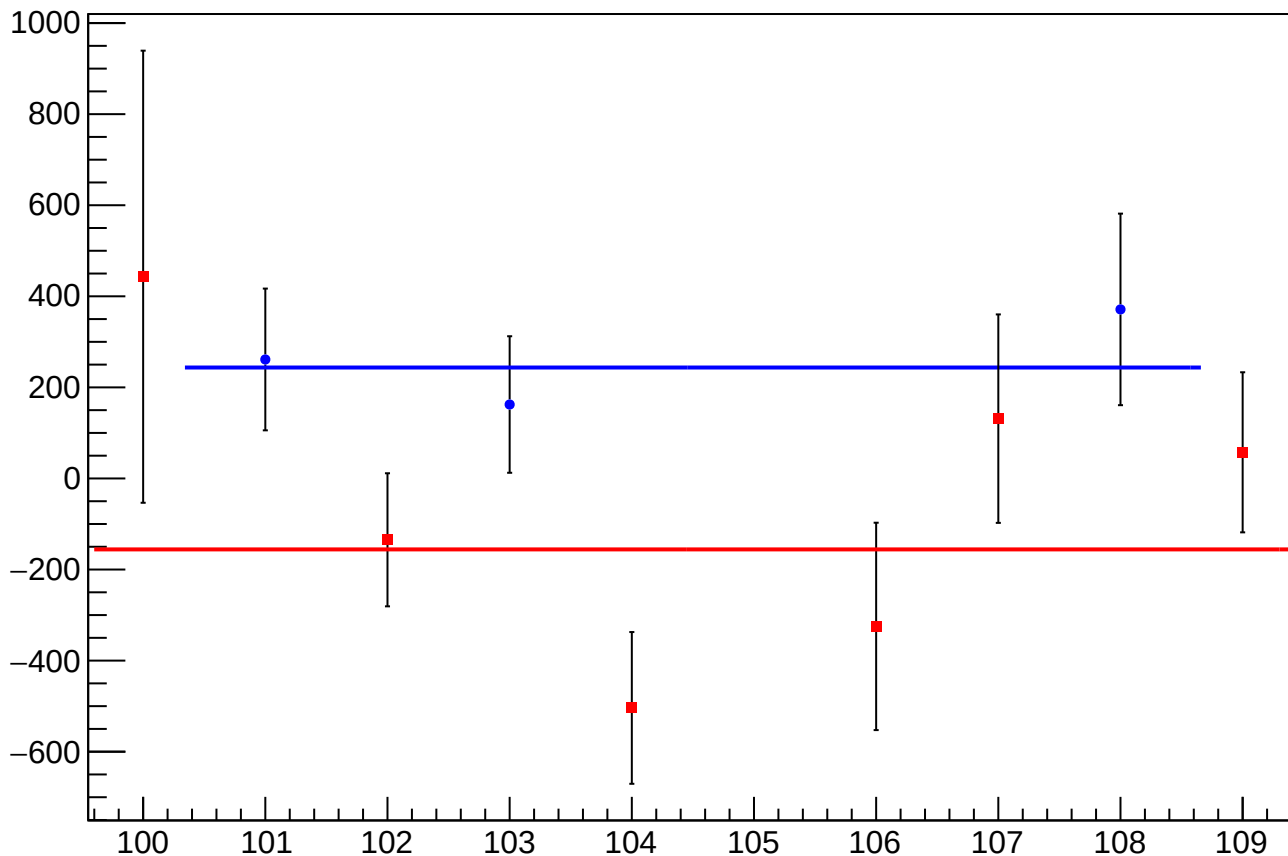
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 617980.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug



Right In: 243.626 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -155.795 $\pm$ 79.644 χ^2 /NDF: 9.4/5

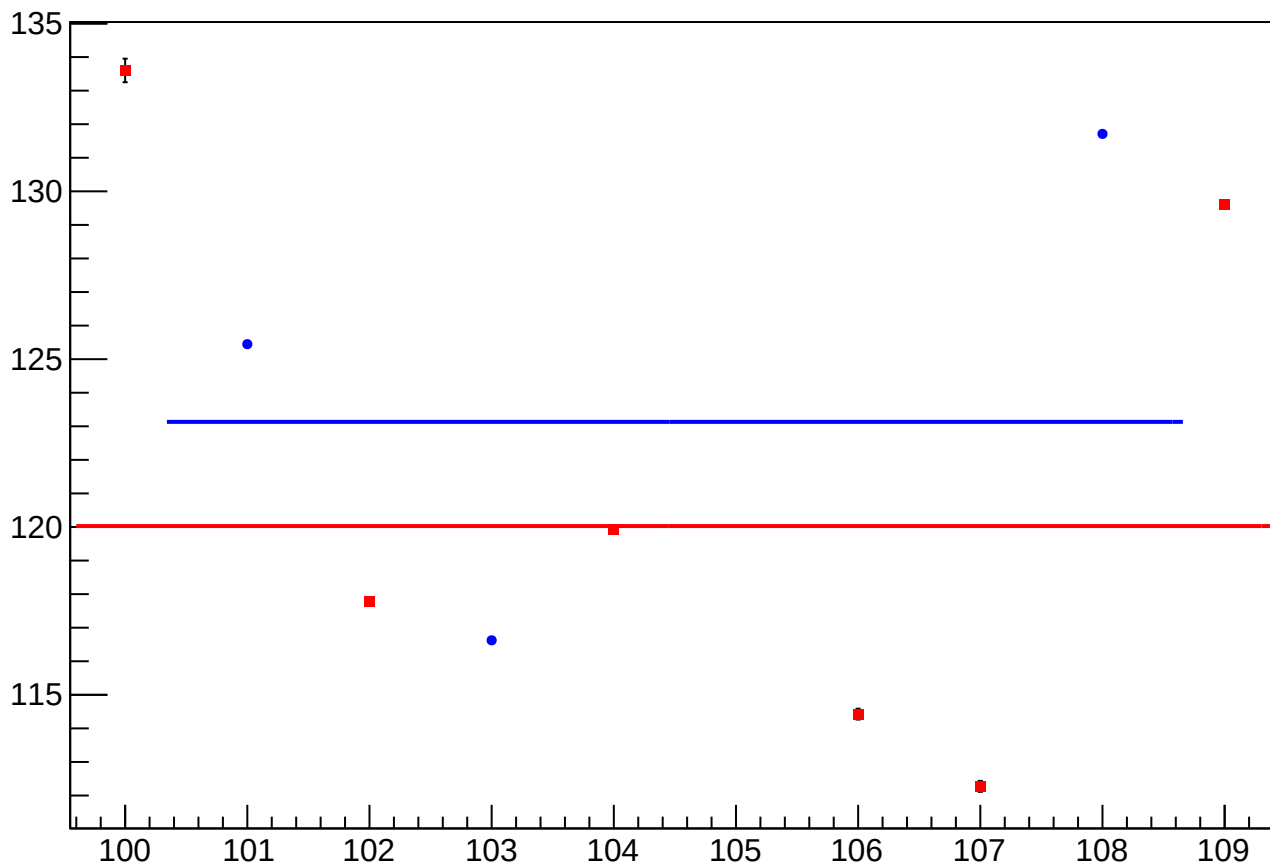
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.928 $\pm$ 61.310 χ^2 /NDF: 20.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 123.132 $\pm$ 0.068 χ^2 /NDF: 7539.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 120.028 $\pm$ 0.056 χ^2 /NDF: 11414.3/5

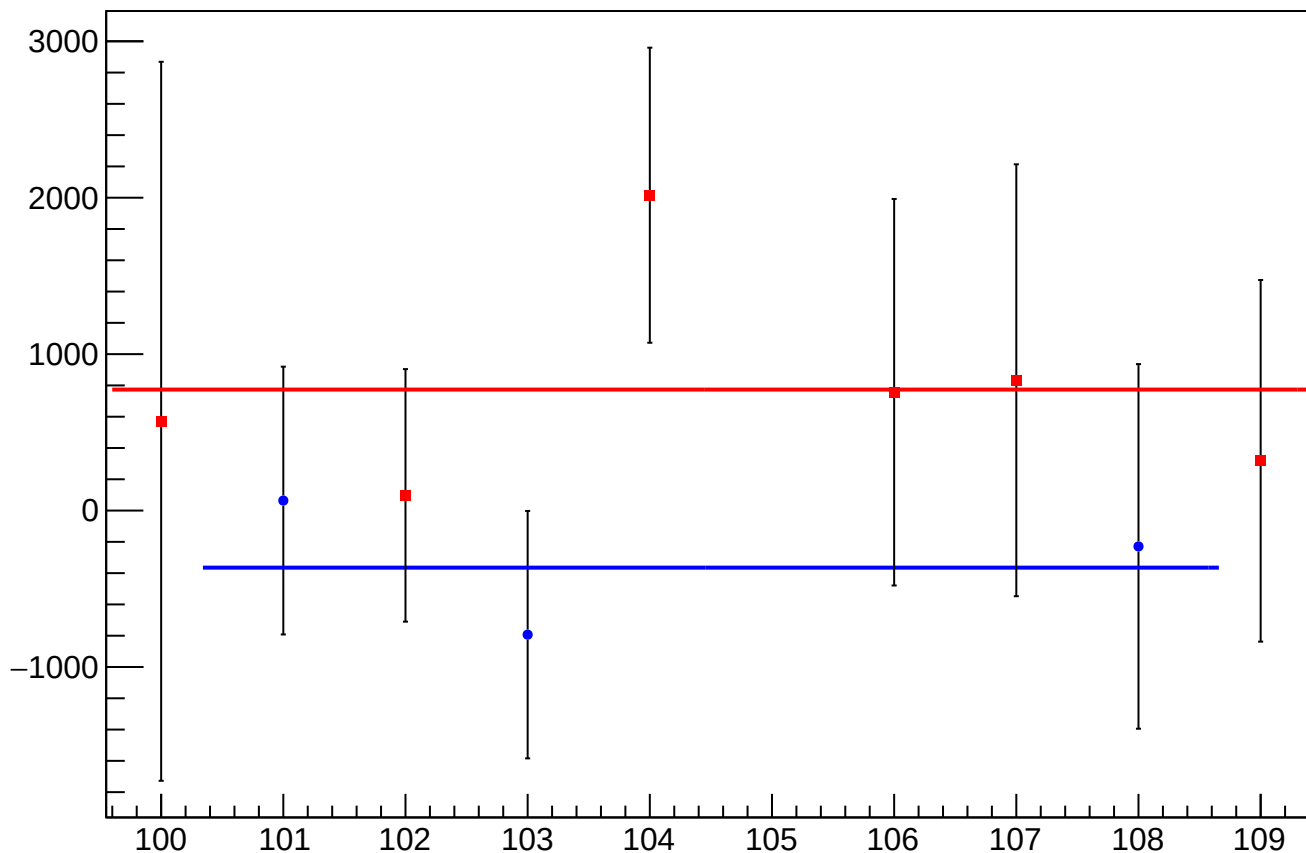
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.292 $\pm$ 0.043 χ^2 /NDF: 20191.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_correction_mean vs Slug



Right In: -364.826 ± 519.877 $\chi^2/\text{NDF}: 0.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 773.420 ± 457.554 $\chi^2/\text{NDF}: 2.6/5$

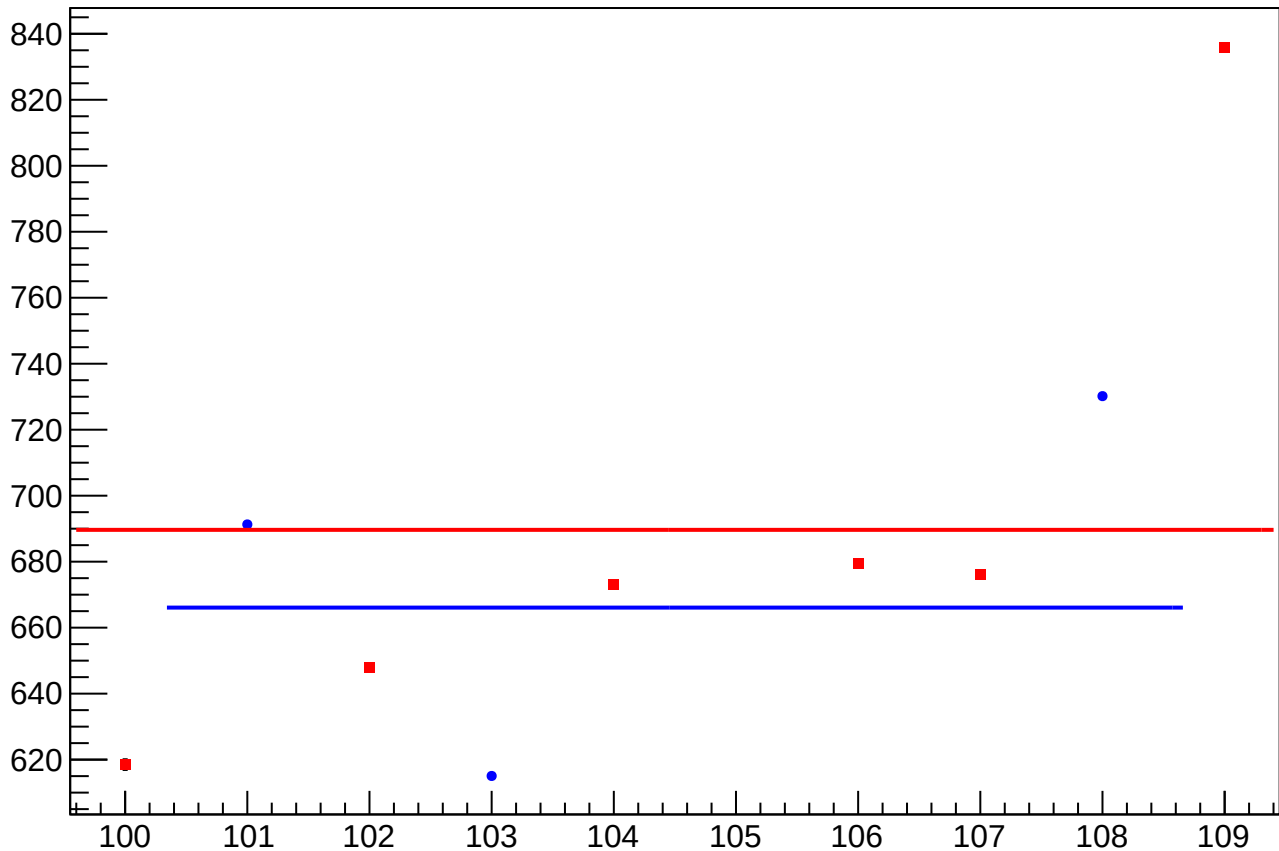
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 276.580 ± 343.471 $\chi^2/\text{NDF}: 5.9/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam1_reg_correction_rms vs Slug



Right In: 666.081+/-0.368 χ^2/NDF : 16109.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 689.644+/-0.324 χ^2/NDF : 40170.5/5

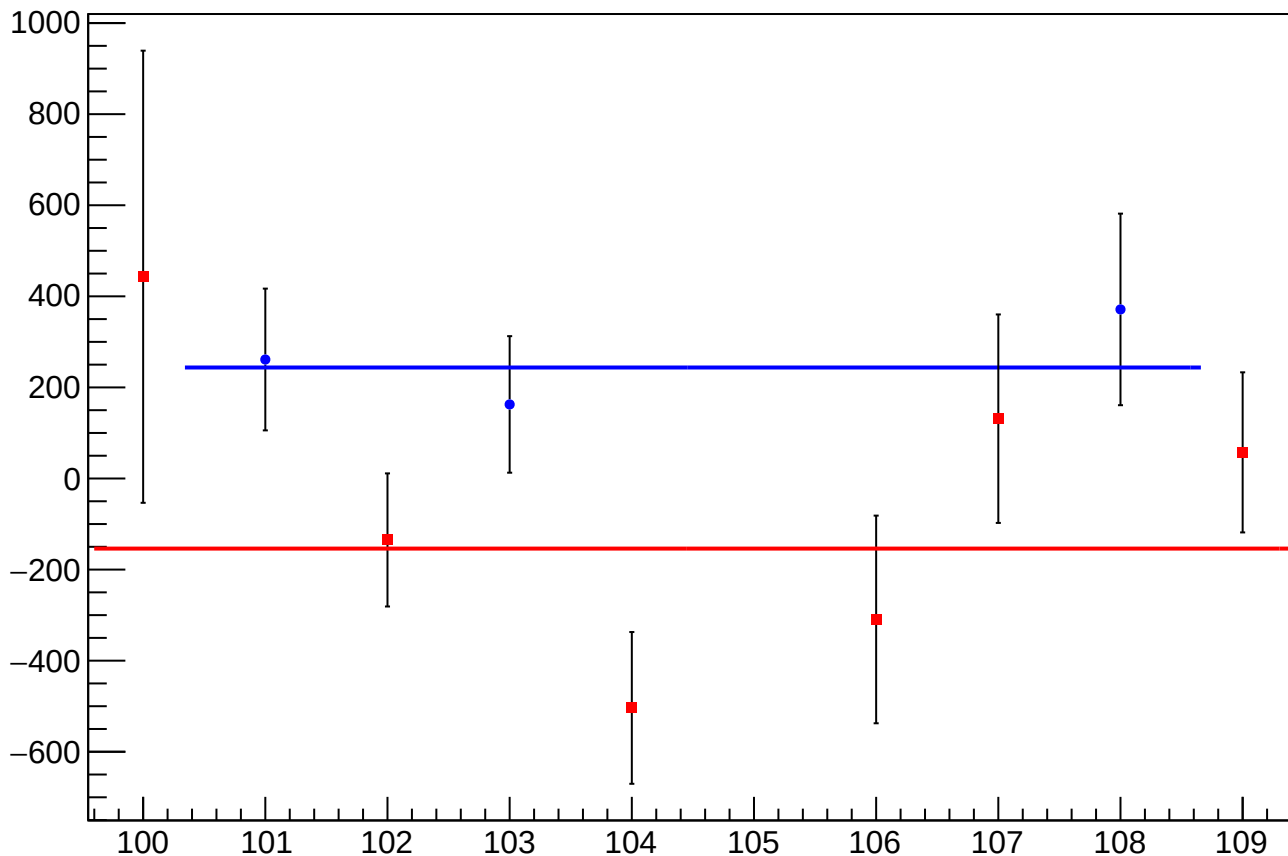
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.359+/-0.243 χ^2/NDF : 58595.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam1_mean vs Slug



Right In: 243.733 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -153.899 $\pm$ 79.659 χ^2 /NDF: 9.3/5

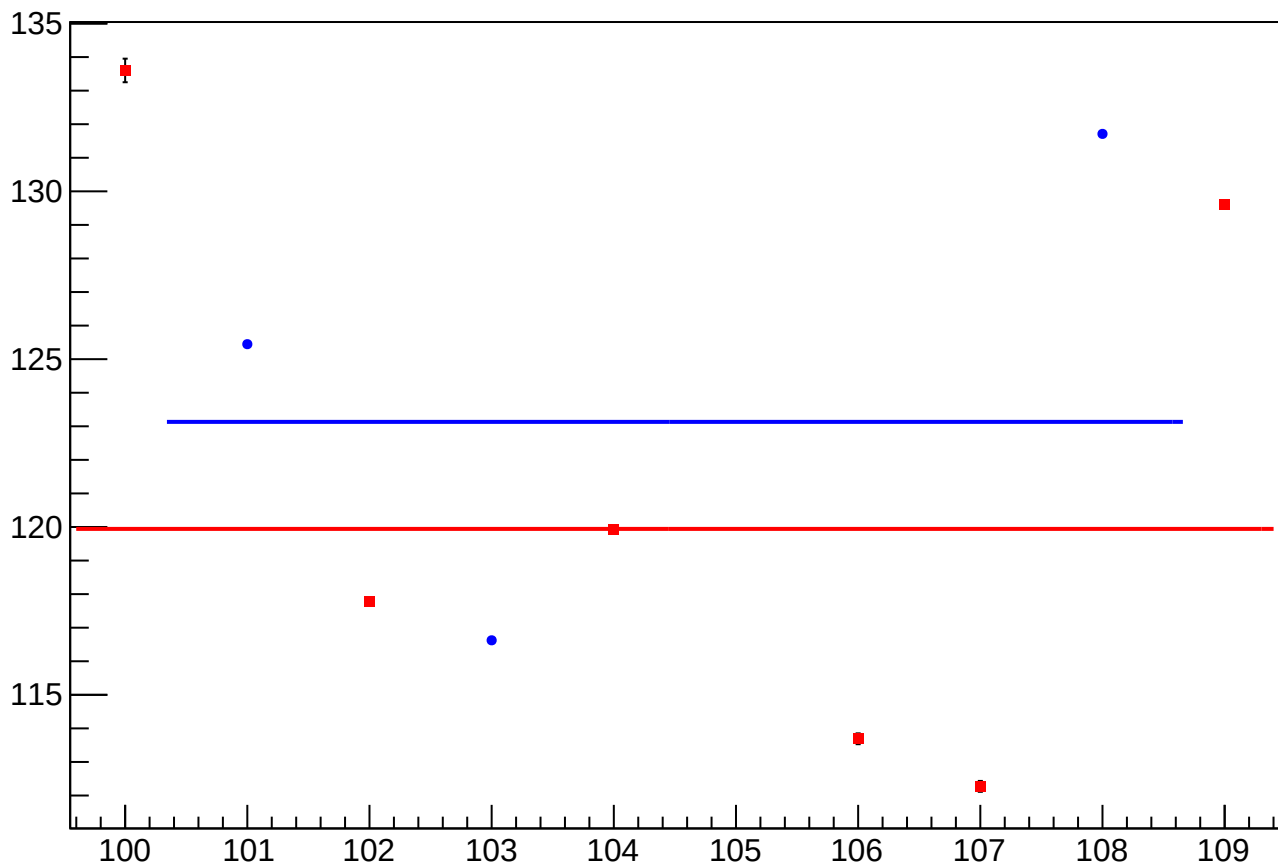
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.131 $\pm$ 61.317 χ^2 /NDF: 20.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 123.132 $\pm$ 0.068 χ^2 /NDF: 7539.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.943 $\pm$ 0.056 χ^2 /NDF: 11741.8/5

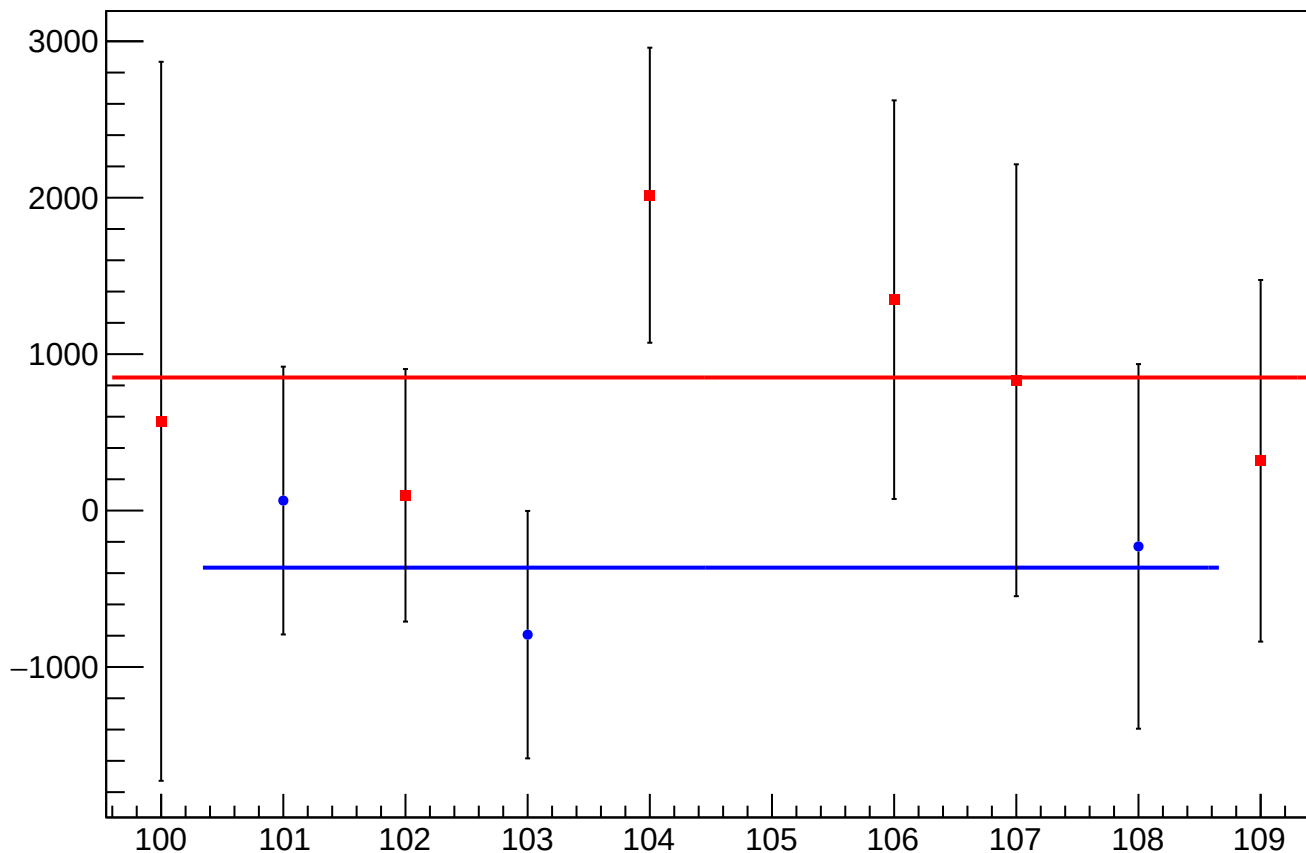
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.243 $\pm$ 0.043 χ^2 /NDF: 20586.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_cor_correction_mean vs Slug



Right In: -364.800+/-519.875 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.705+/-459.453 χ^2/NDF : 2.8/5

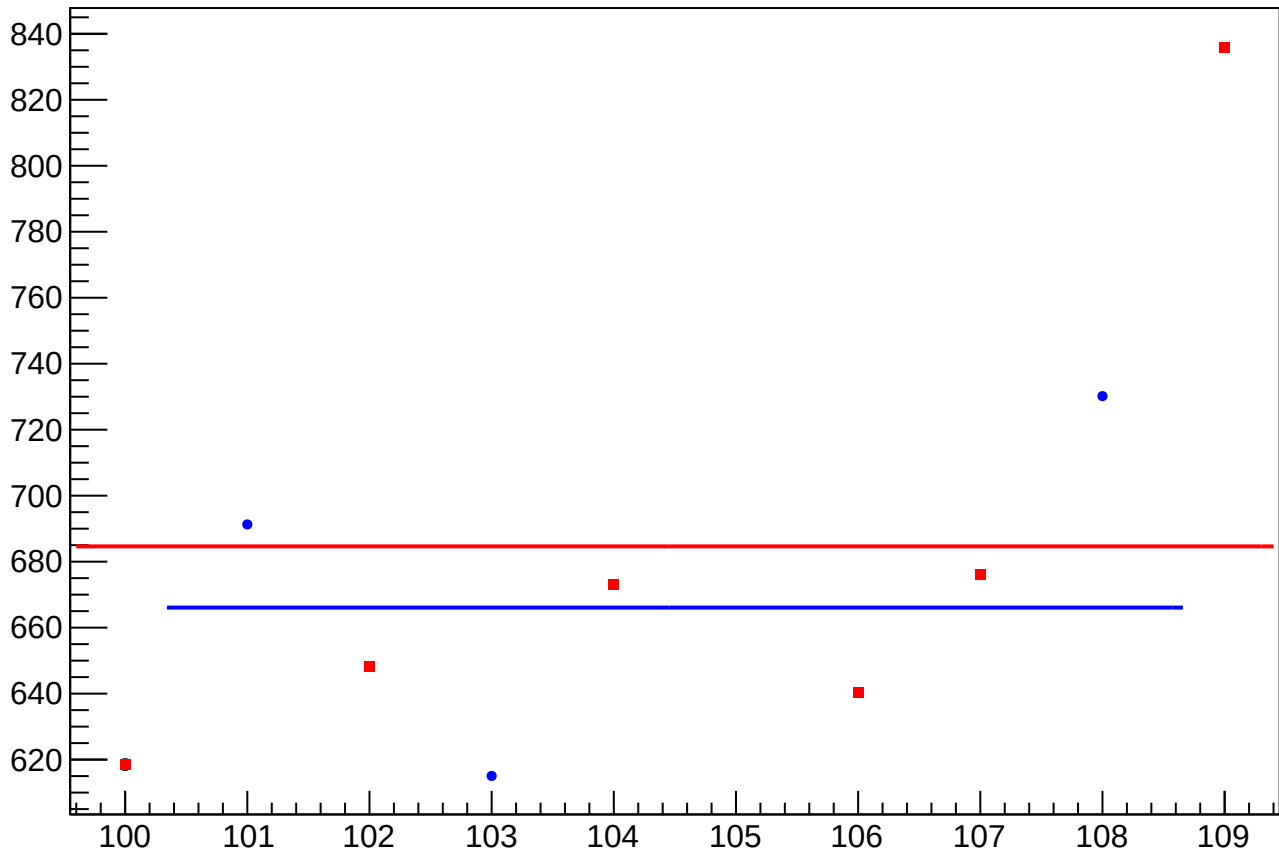
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.663+/-344.272 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 666.079+/-0.368 χ^2/NDF : 16112.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.627+/-0.325 χ^2/NDF : 42792.7/5

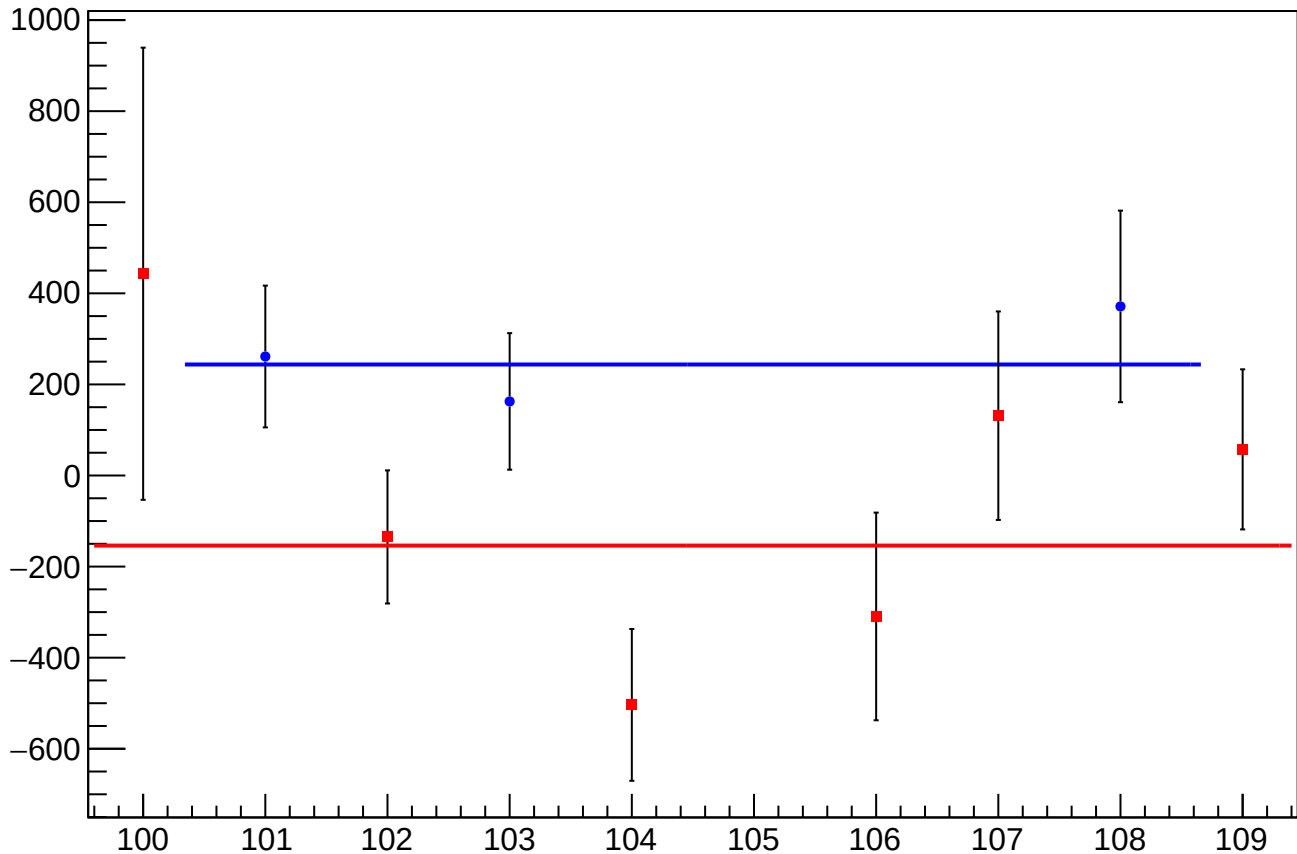
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.493+/-0.243 χ^2/NDF : 60334.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 243.733 $\pm$ 96.056 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -153.899 $\pm$ -79.659 χ^2 /NDF: 9.3/5

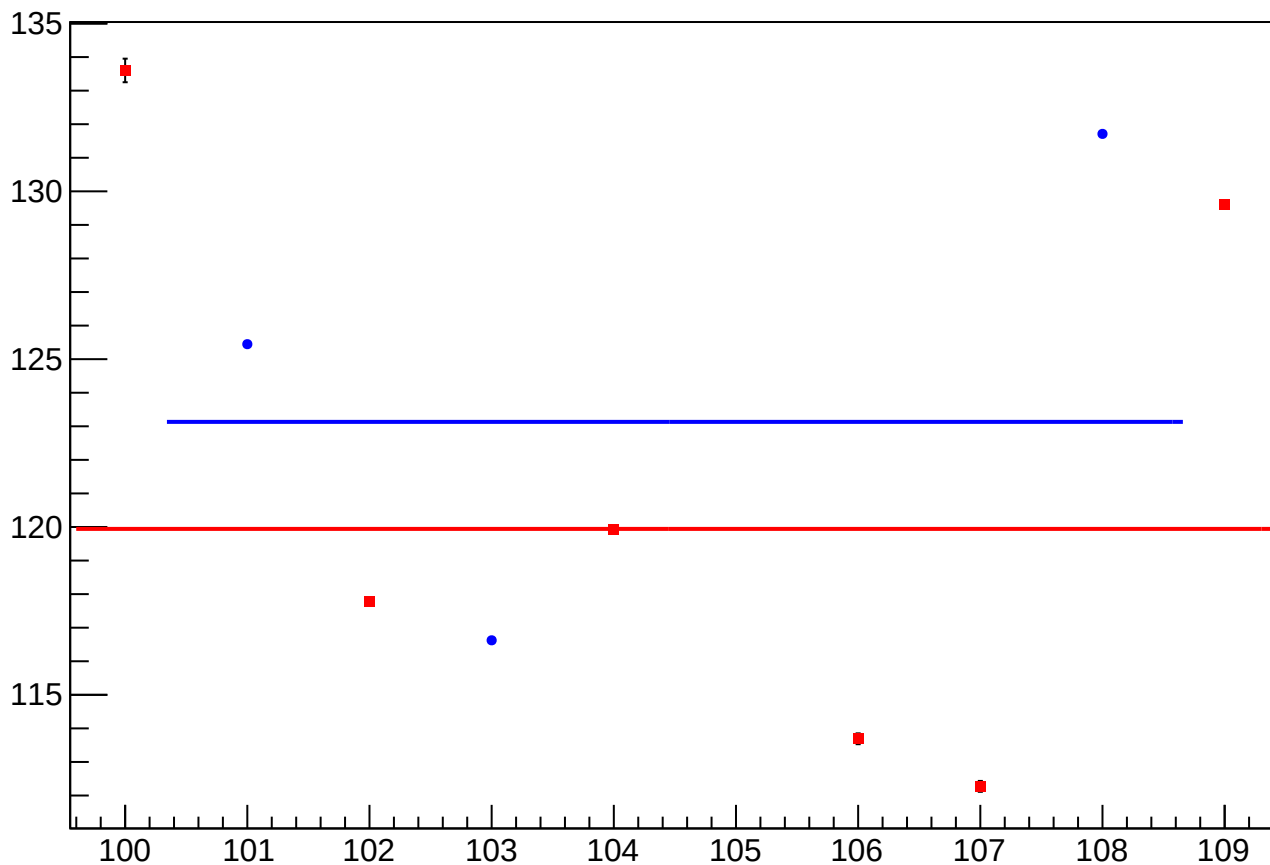
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: 8.131 $\pm$ -61.317 χ^2 /NDF: 20.2/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 123.132 $\pm$ 0.068 χ^2 /NDF: 7539.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.943 $\pm$ 0.056 χ^2 /NDF: 11741.8/5

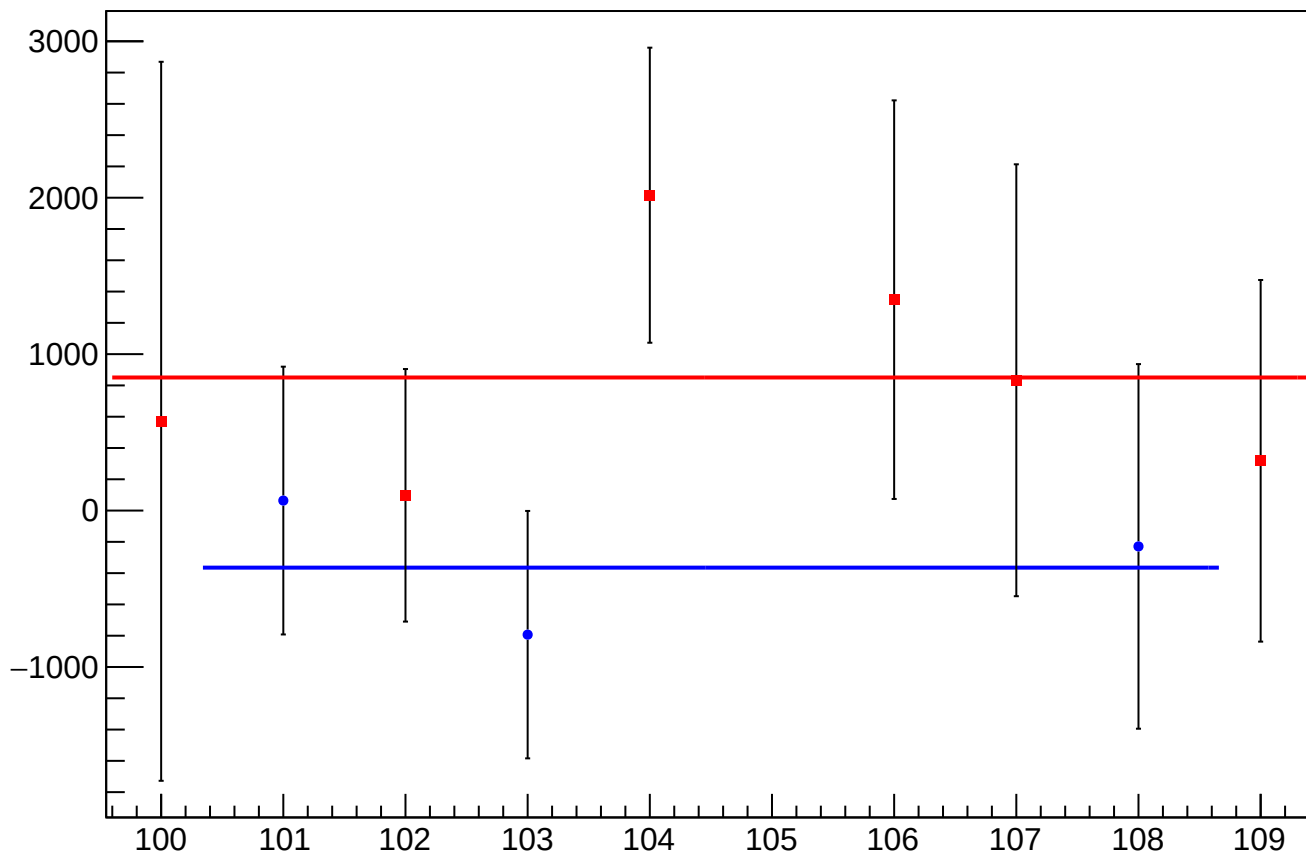
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.243 $\pm$ 0.043 χ^2 /NDF: 20586.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_correction_mean vs Slug



Right In: -364.800+/-519.875 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.705+/-459.453 χ^2/NDF : 2.8/5

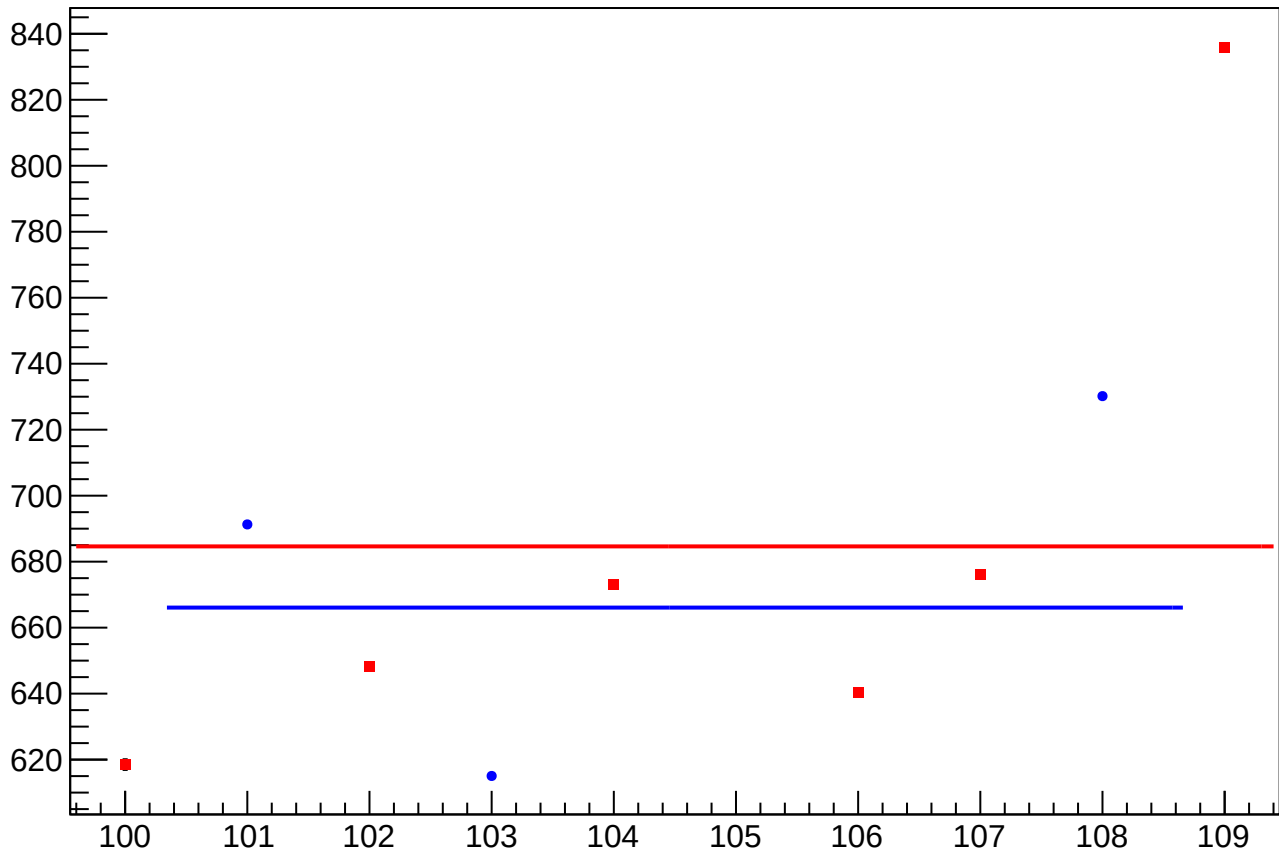
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.663+/-344.272 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 666.079 $\pm$ 0.368 χ^2 /NDF: 16112.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 684.627 $\pm$ 0.325 χ^2 /NDF: 42792.7/5

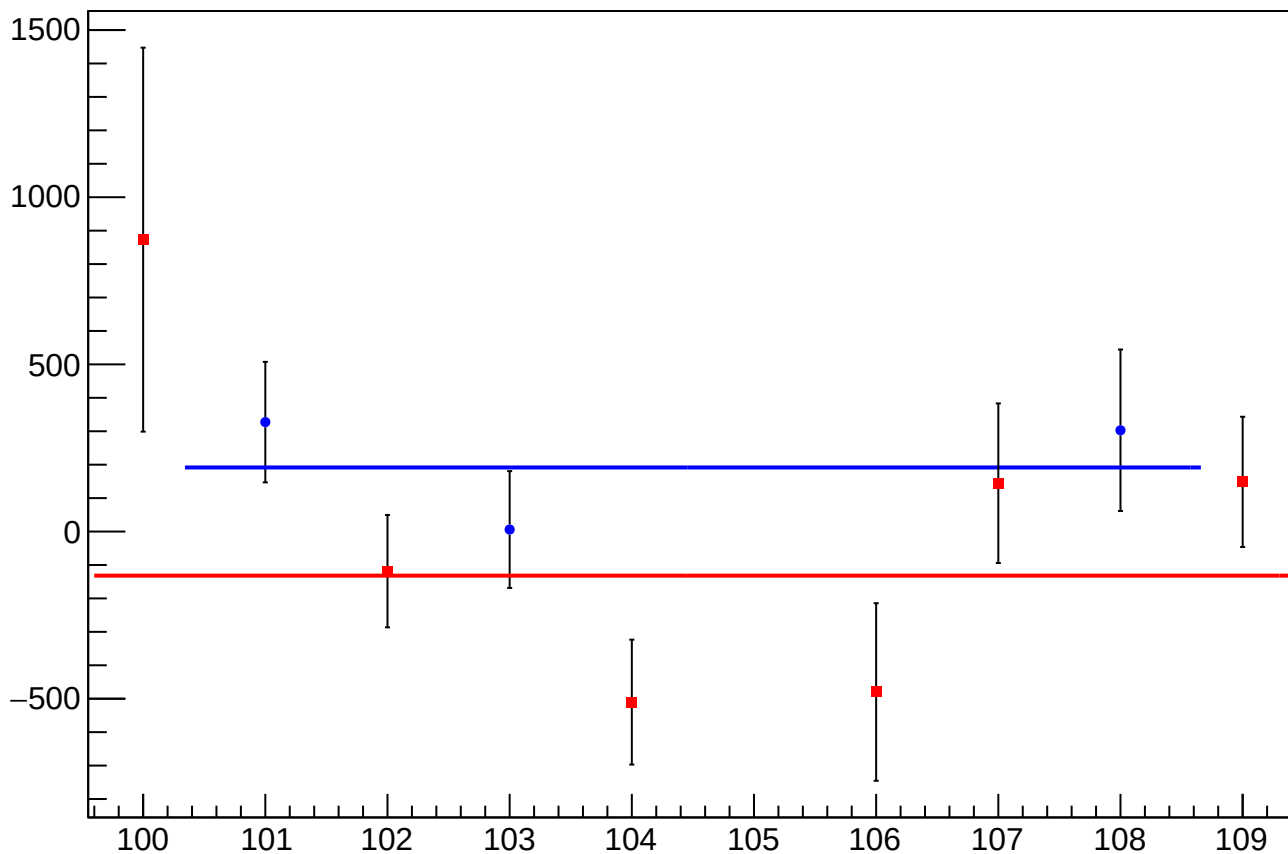
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 676.493 $\pm$ 0.243 χ^2 /NDF: 60334.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam1_mean vs Slug



Right In: 191.669 $\pm$ 111.320 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -131.897 $\pm$ 89.389 χ^2 /NDF: 12.3/5

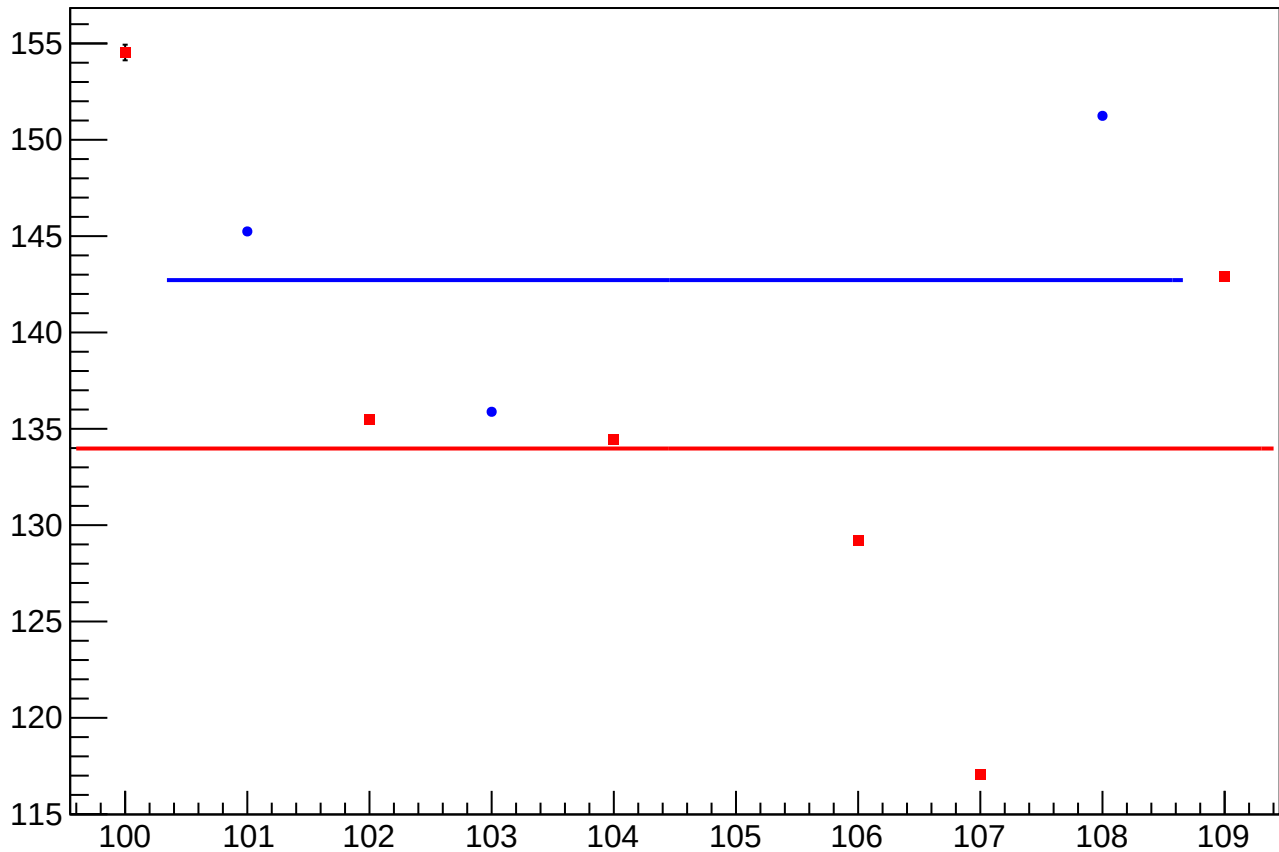
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.052 $\pm$ 69.699 χ^2 /NDF: 19.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 142.718 $\pm$ 0.079 χ^2 /NDF: 5946.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.977 $\pm$ 0.063 χ^2 /NDF: 17609.8/5

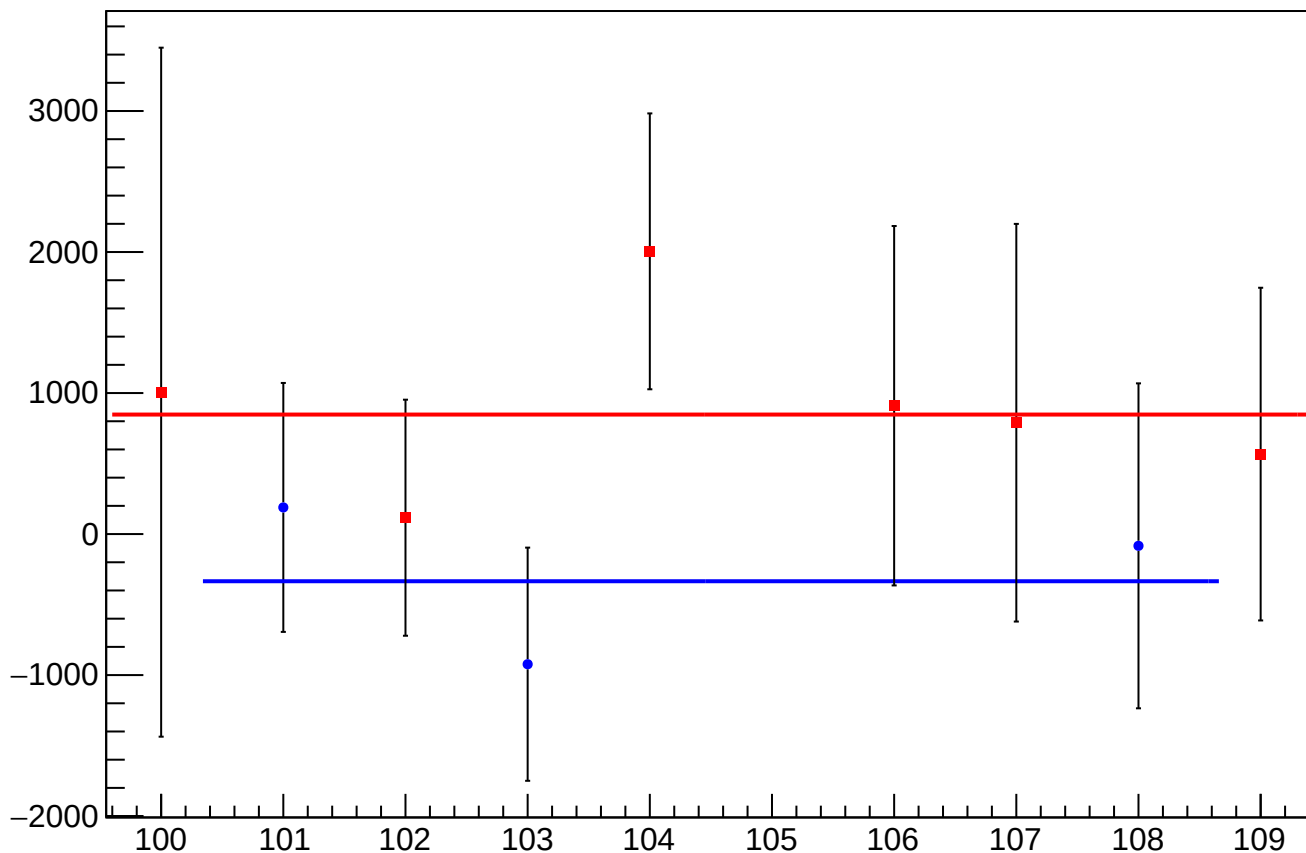
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.404 $\pm$ 0.049 χ^2 /NDF: 31052.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_correction_mean vs Slug



Right In: -334.495+/-534.541 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 847.440+/-472.576 χ^2/NDF : 2.2/5

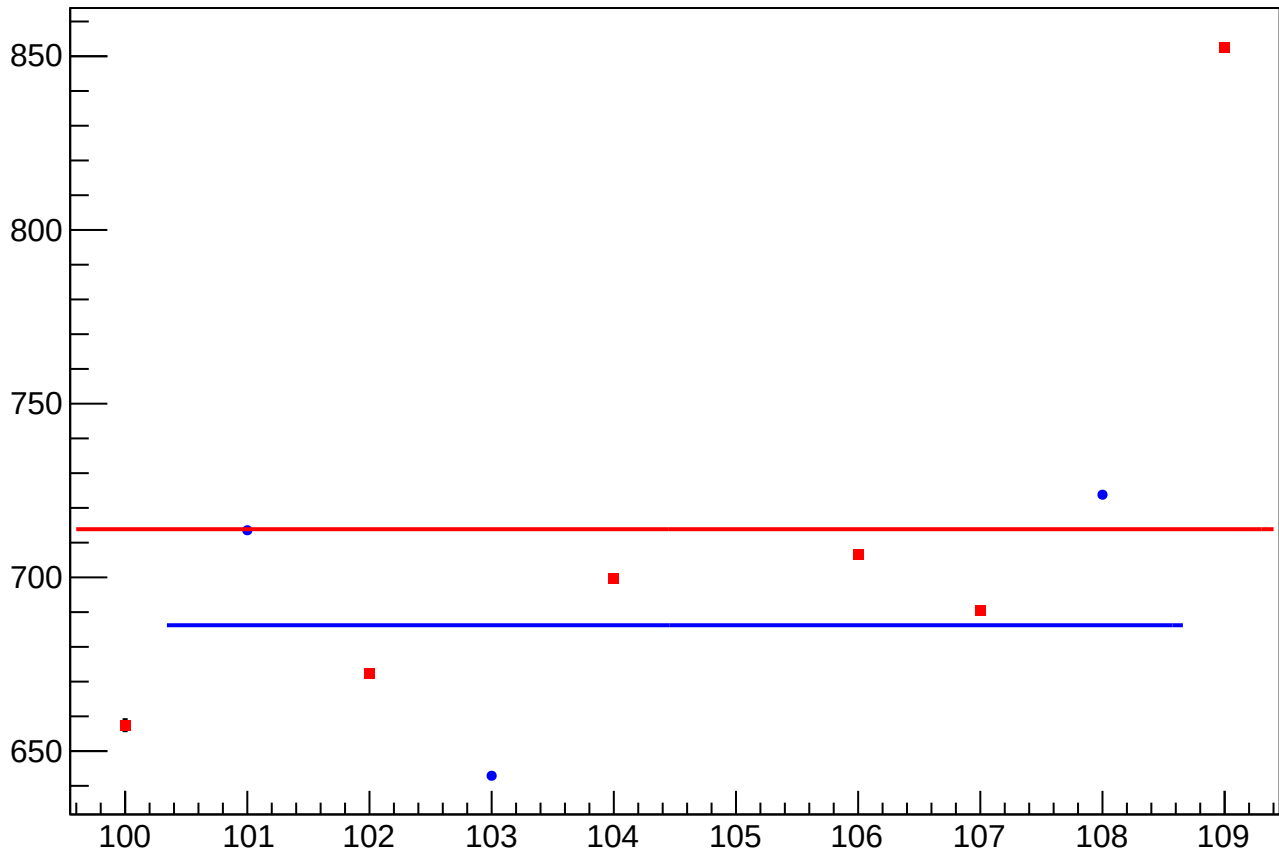
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.919+/-354.052 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 686.227 $\pm$ 0.378 χ^2 /NDF: 9537.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 713.869 $\pm$ 0.334 χ^2 /NDF: 34622.9/5

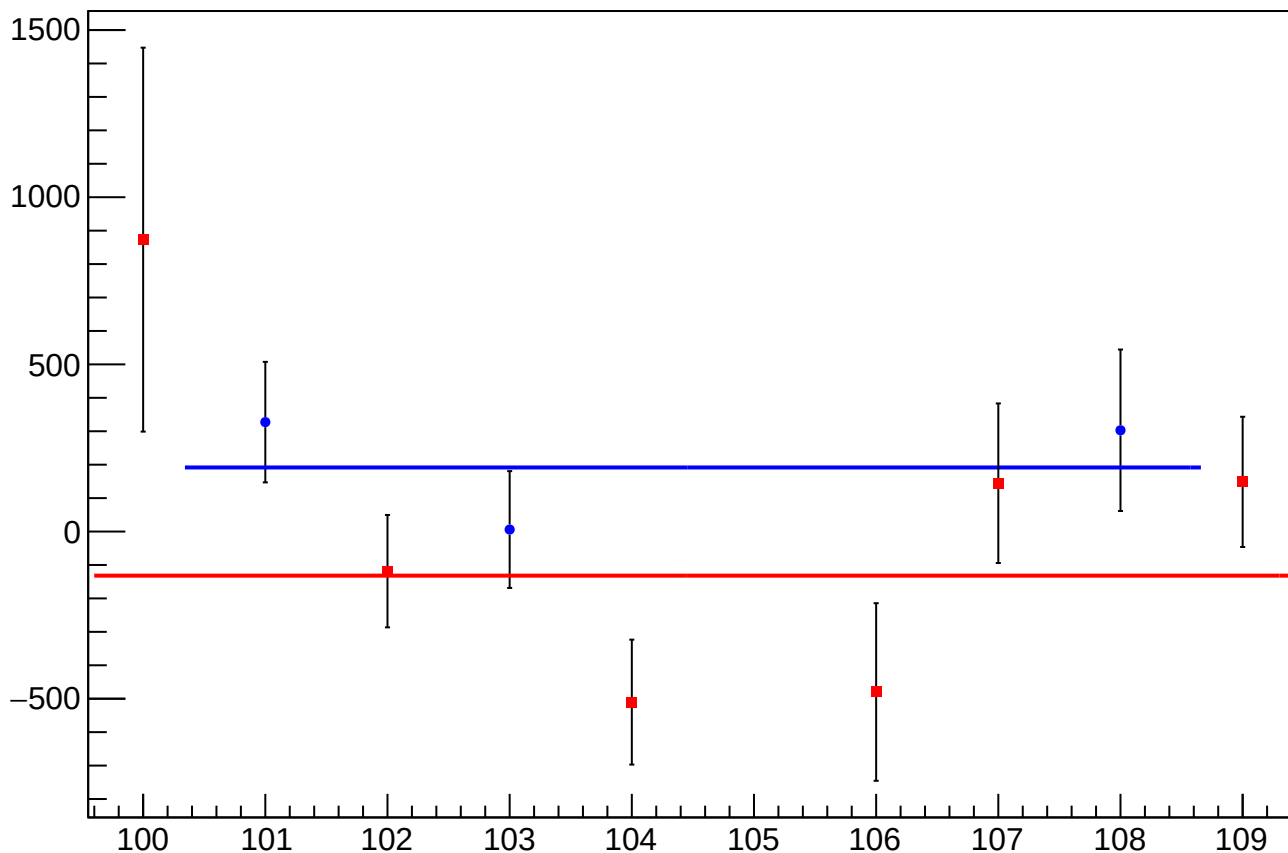
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 701.742 $\pm$ 0.250 χ^2 /NDF: 47162.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_mean vs Slug



Right In: 191.670 $\pm$ 111.320 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -131.898 $\pm$ 89.389 χ^2 /NDF: 12.3/5

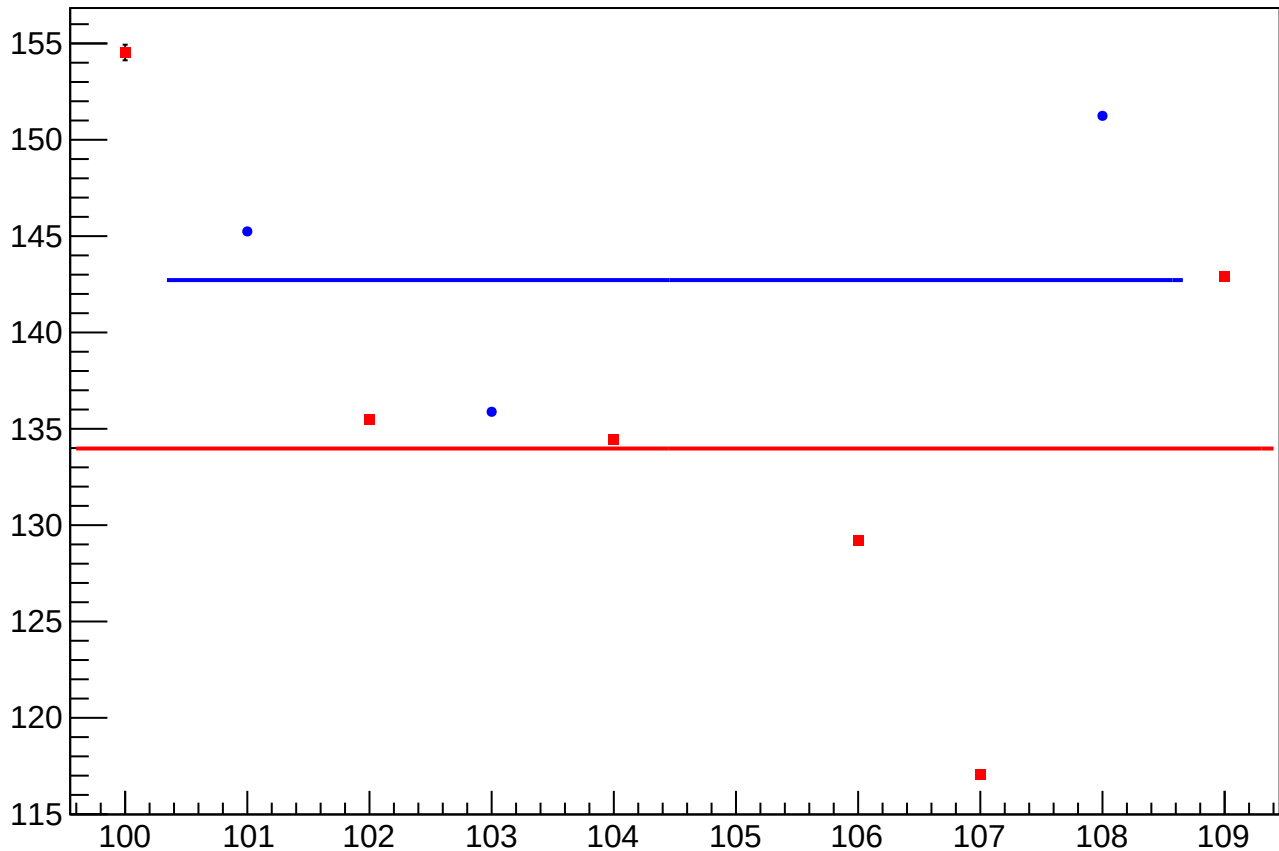
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.051 $\pm$ 69.699 χ^2 /NDF: 19.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_rms vs Slug



Right In: 142.718 $\pm$ 0.079 χ^2 /NDF: 5946.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.977 $\pm$ 0.063 χ^2 /NDF: 17609.4/5

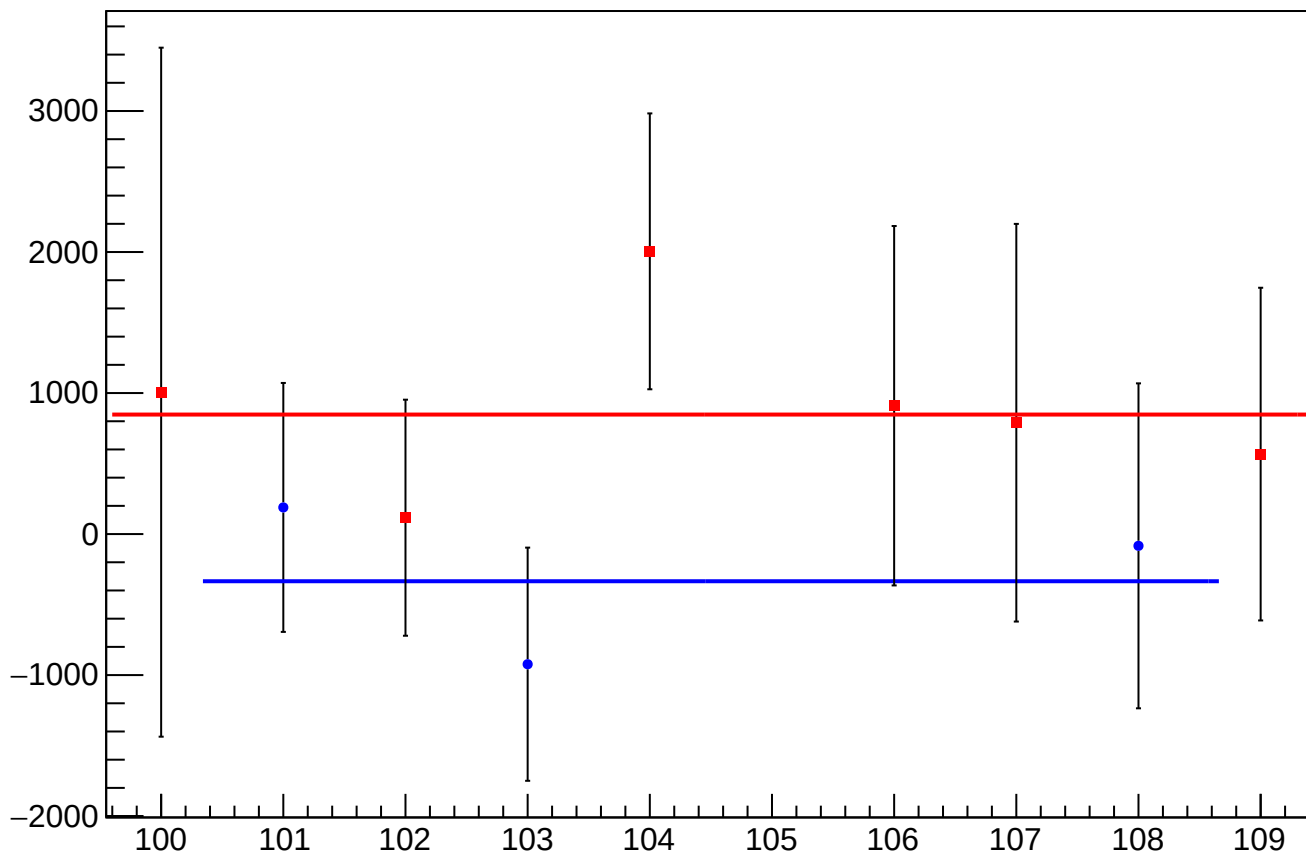
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 137.404 $\pm$ 0.049 χ^2 /NDF: 31052.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -334.495+/-534.540 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 847.439+/-472.575 χ^2/NDF : 2.2/5

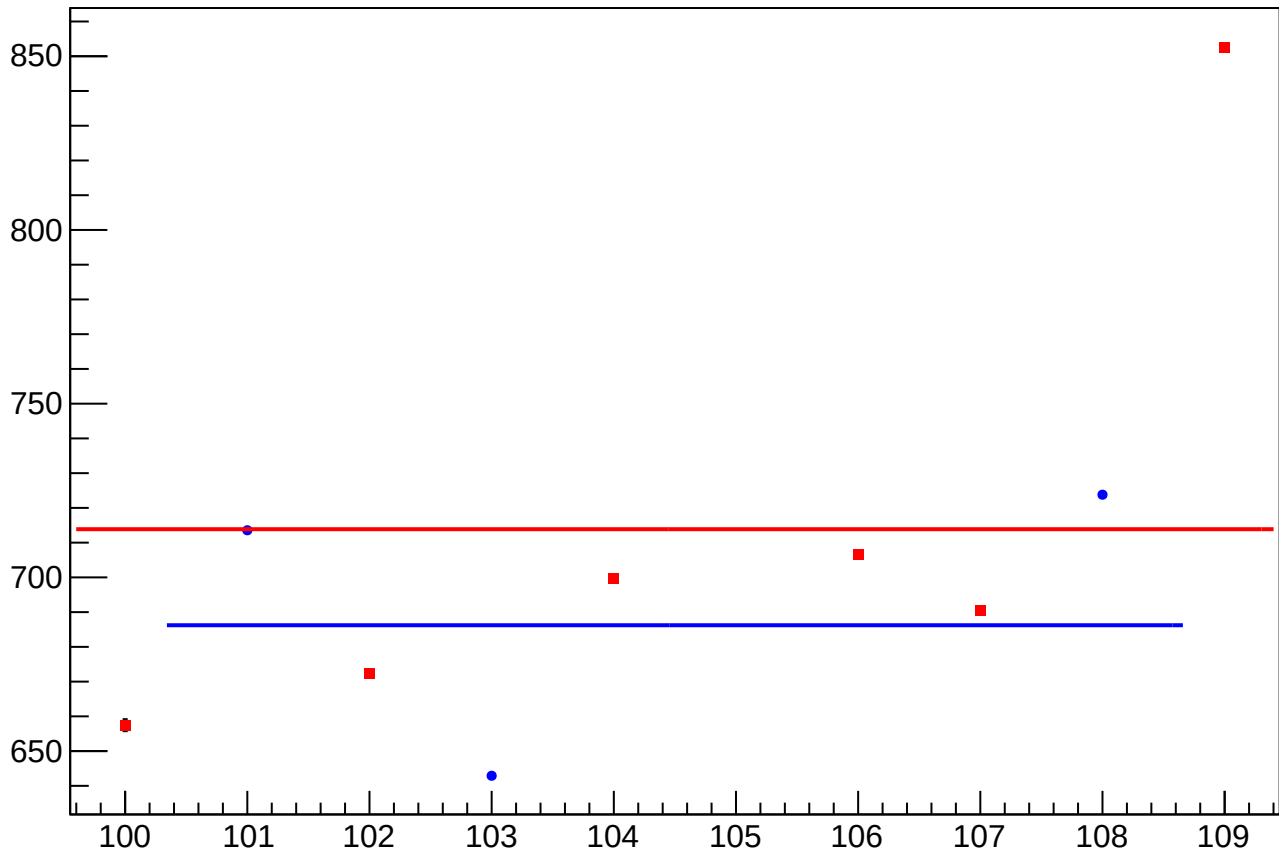
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.919+/-354.052 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 686.226 $\pm$ 0.378 χ^2 /NDF: 9537.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 713.868 $\pm$ 0.334 χ^2 /NDF: 34622.9/5

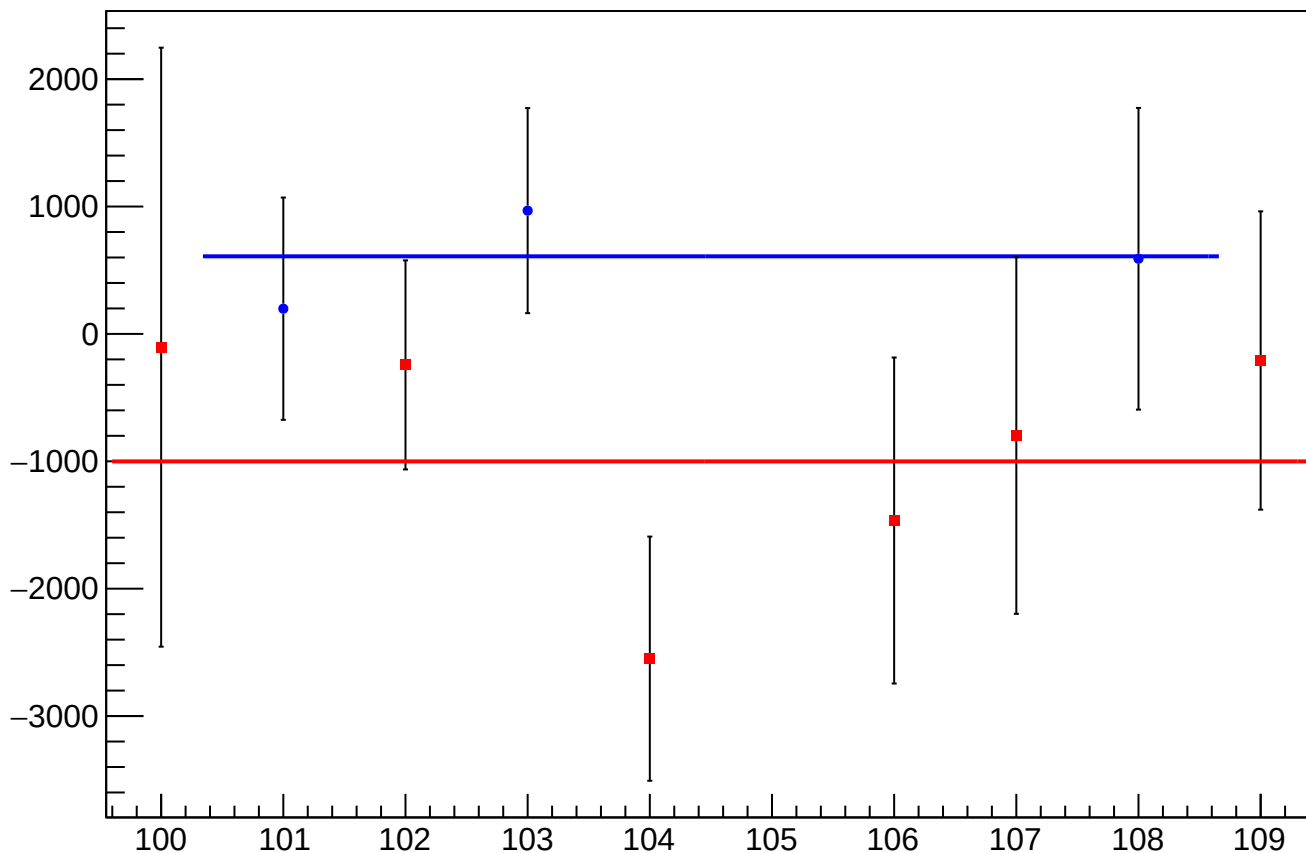
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 701.742 $\pm$ 0.250 χ^2 /NDF: 47162.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_mean vs Slug



Right In: 609.159 $\pm$ 529.290 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1000.878 $\pm$ 466.024 χ^2 /NDF: 4.2/5

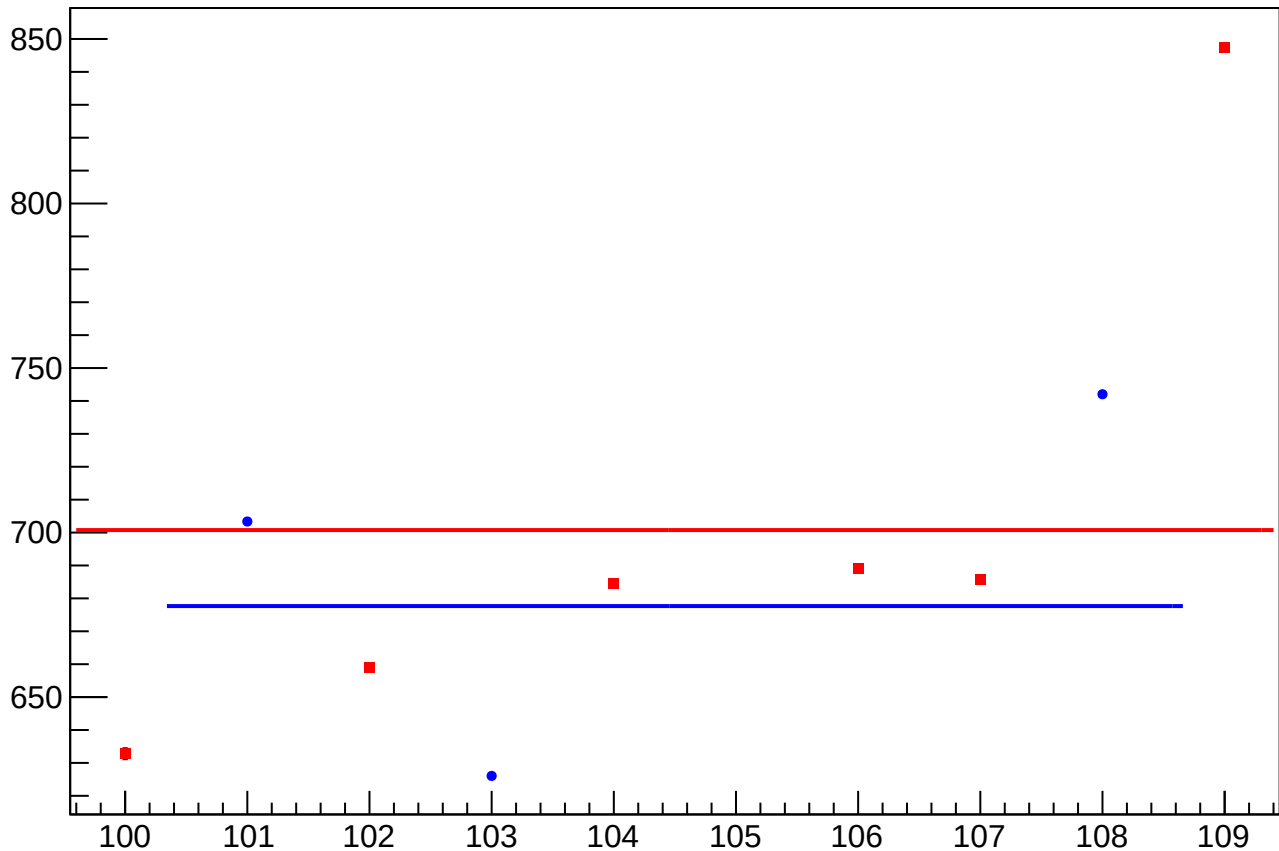
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -297.788 $\pm$ 349.769 χ^2 /NDF: 9.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_rms vs Slug



Right In: 677.659+/-0.374 χ^2/NDF : 15866.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 700.757+/-0.330 χ^2/NDF : 39230.7/5

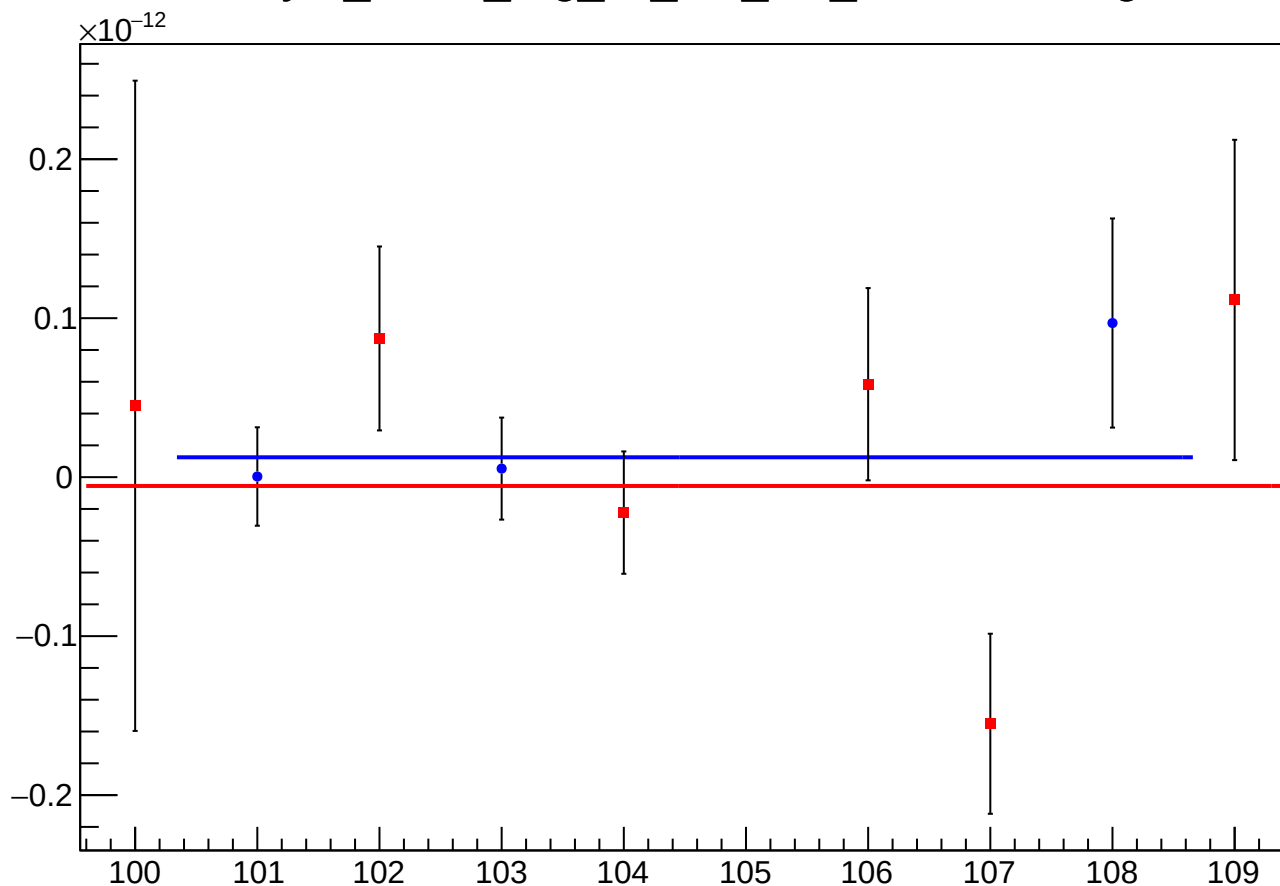
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.670+/-0.247 χ^2/NDF : 57243.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.3/5

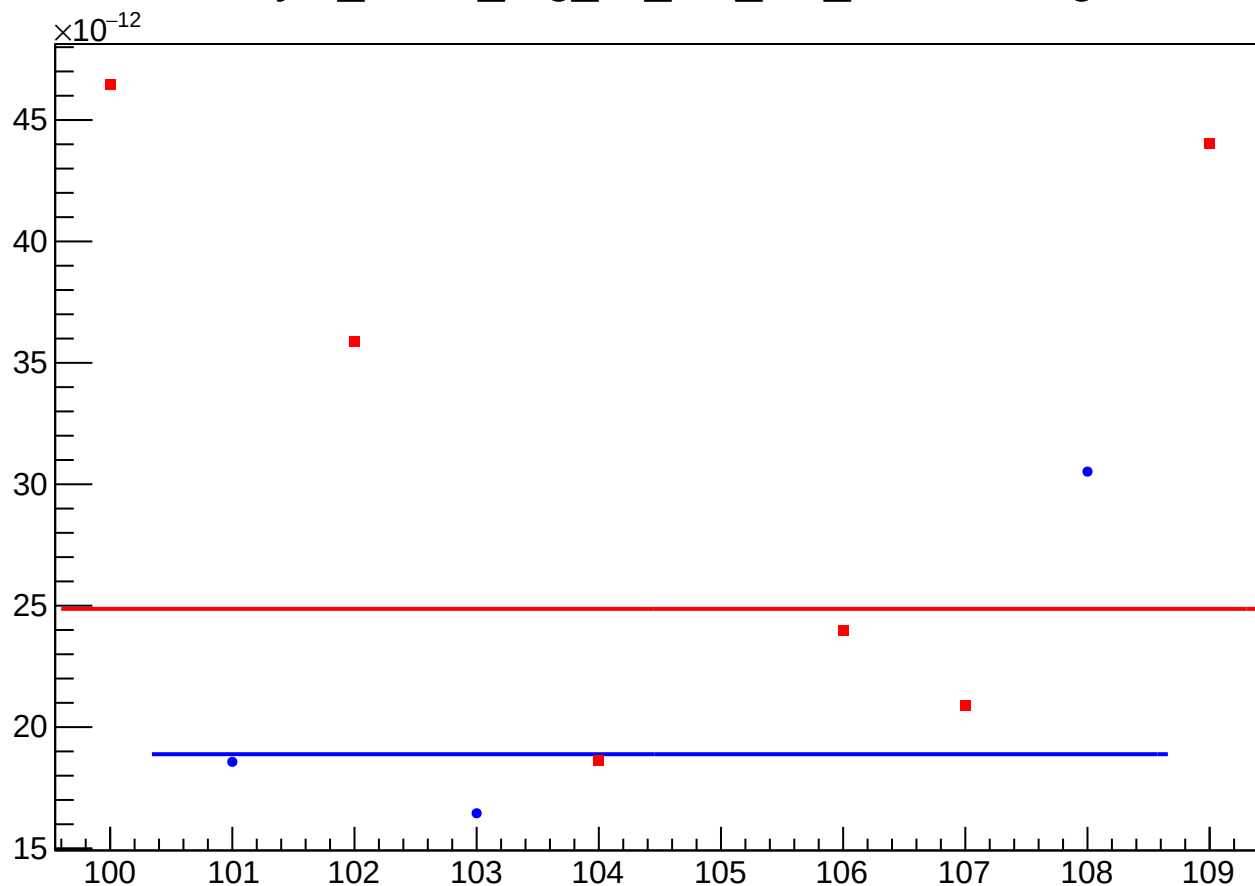
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 74310.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 230554.7/5

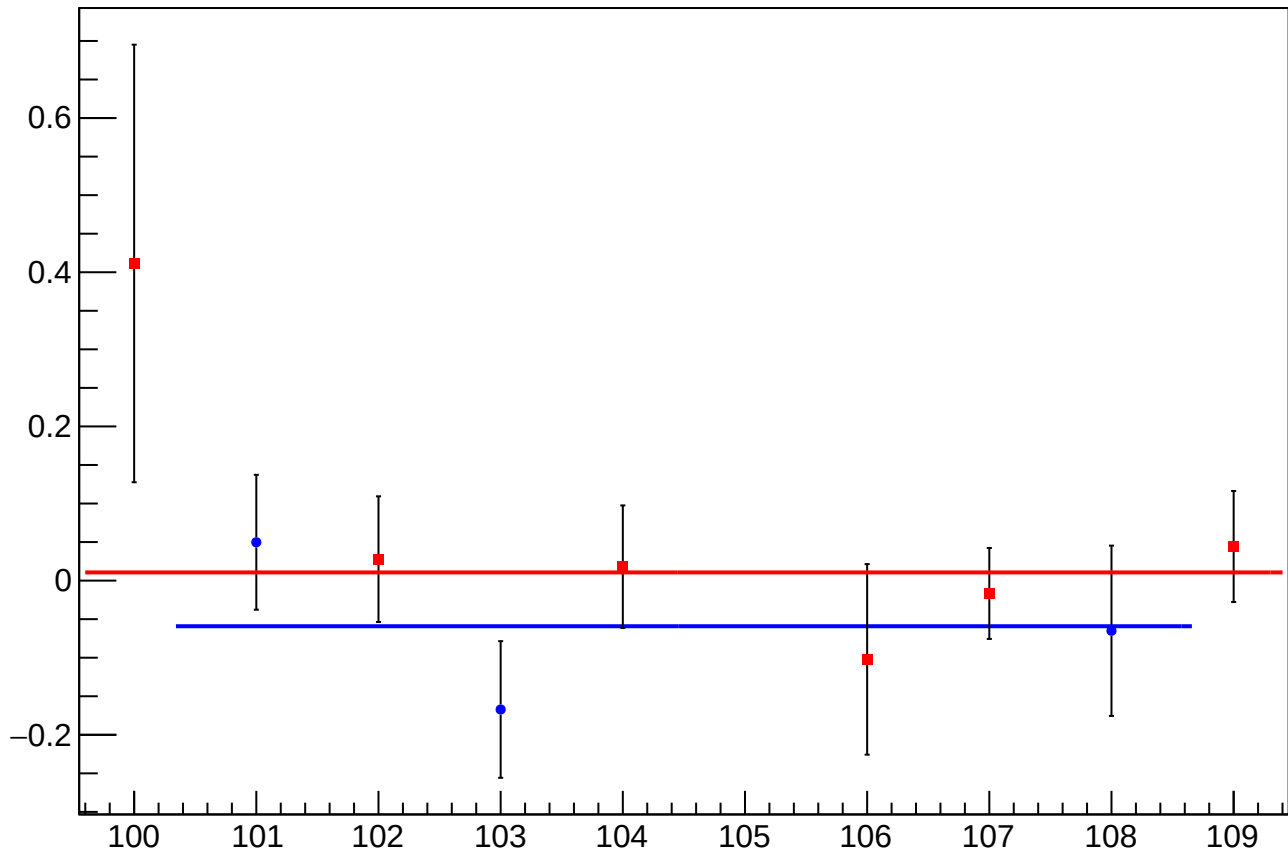
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 373763.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: -0.059 ± 0.054 χ^2/NDF : 3.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.034 χ^2/NDF : 3.3/5

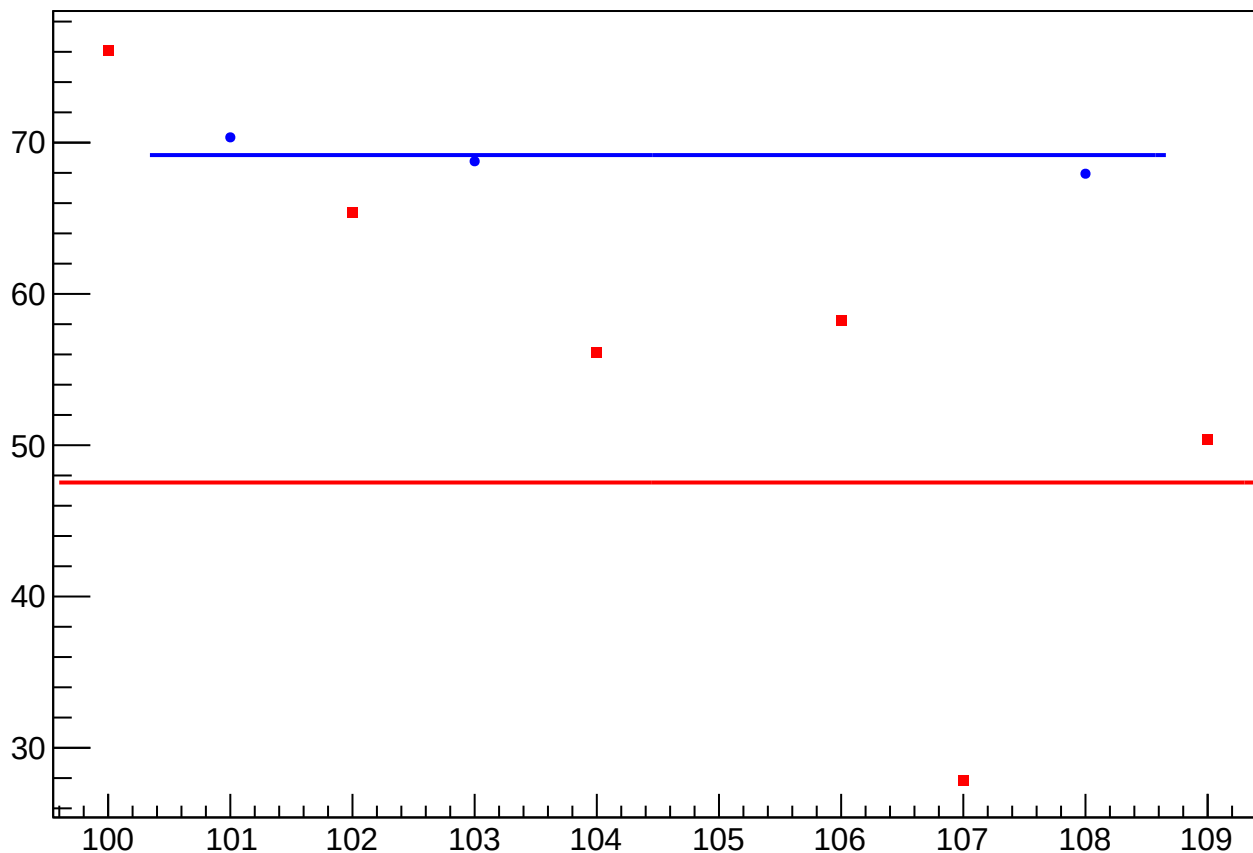
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.029 χ^2/NDF : 7.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 69.177 $\pm$ 0.038 χ^2 /NDF: 650.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.535 $\pm$ 0.024 χ^2 /NDF: 380181.4/5

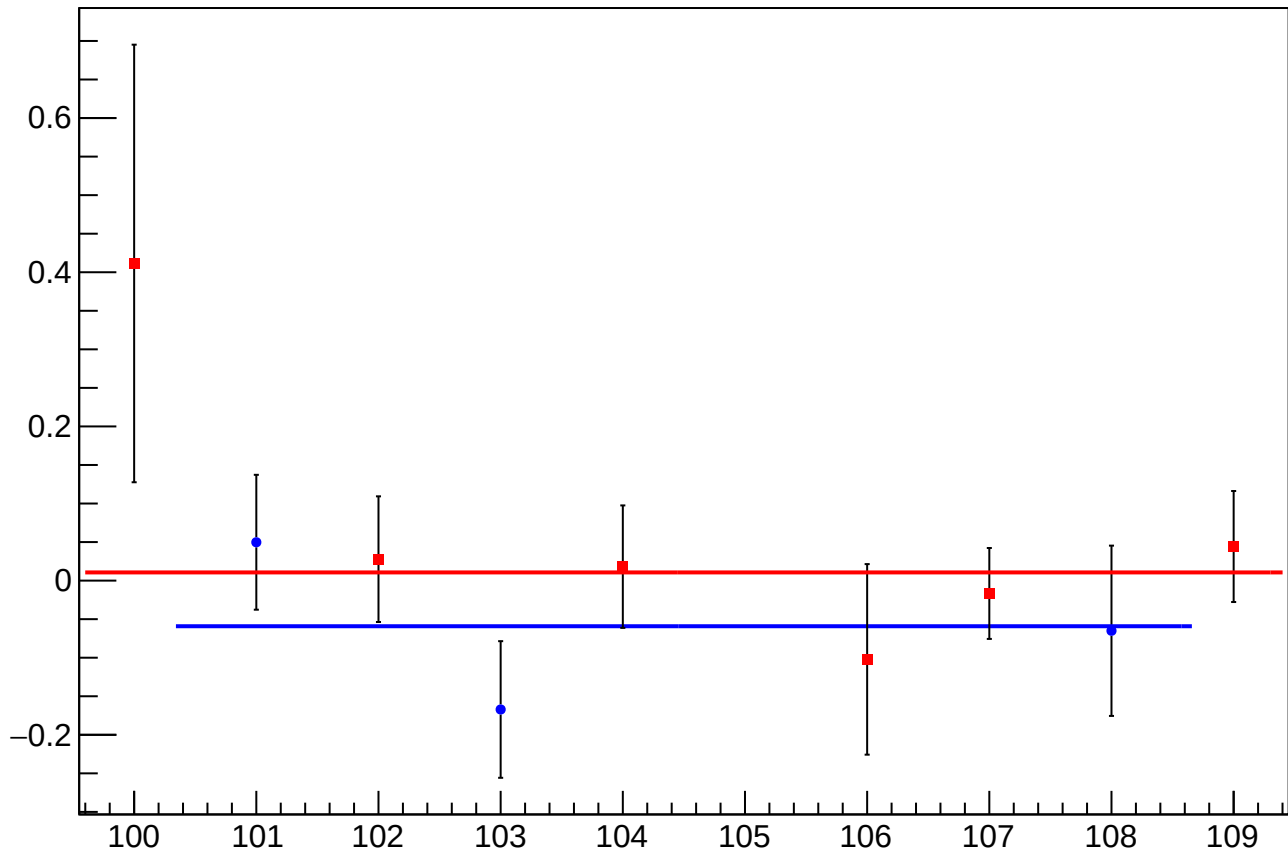
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.629 $\pm$ 0.020 χ^2 /NDF: 609614.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.059 ± 0.054 χ^2/NDF : 3.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.034 χ^2/NDF : 3.3/5

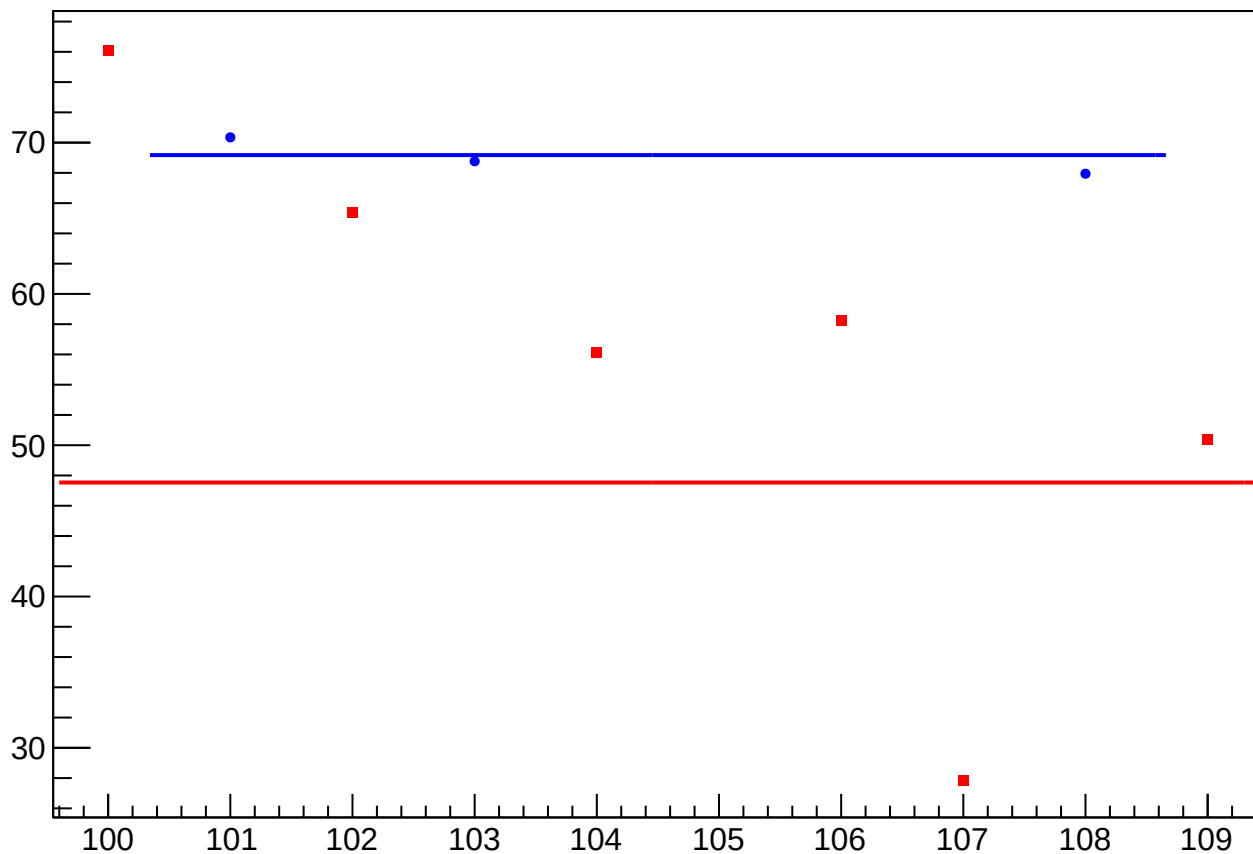
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.029 χ^2/NDF : 7.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 69.177 $\pm$ 0.038 χ^2 /NDF: 650.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.535 $\pm$ 0.024 χ^2 /NDF: 380181.4/5

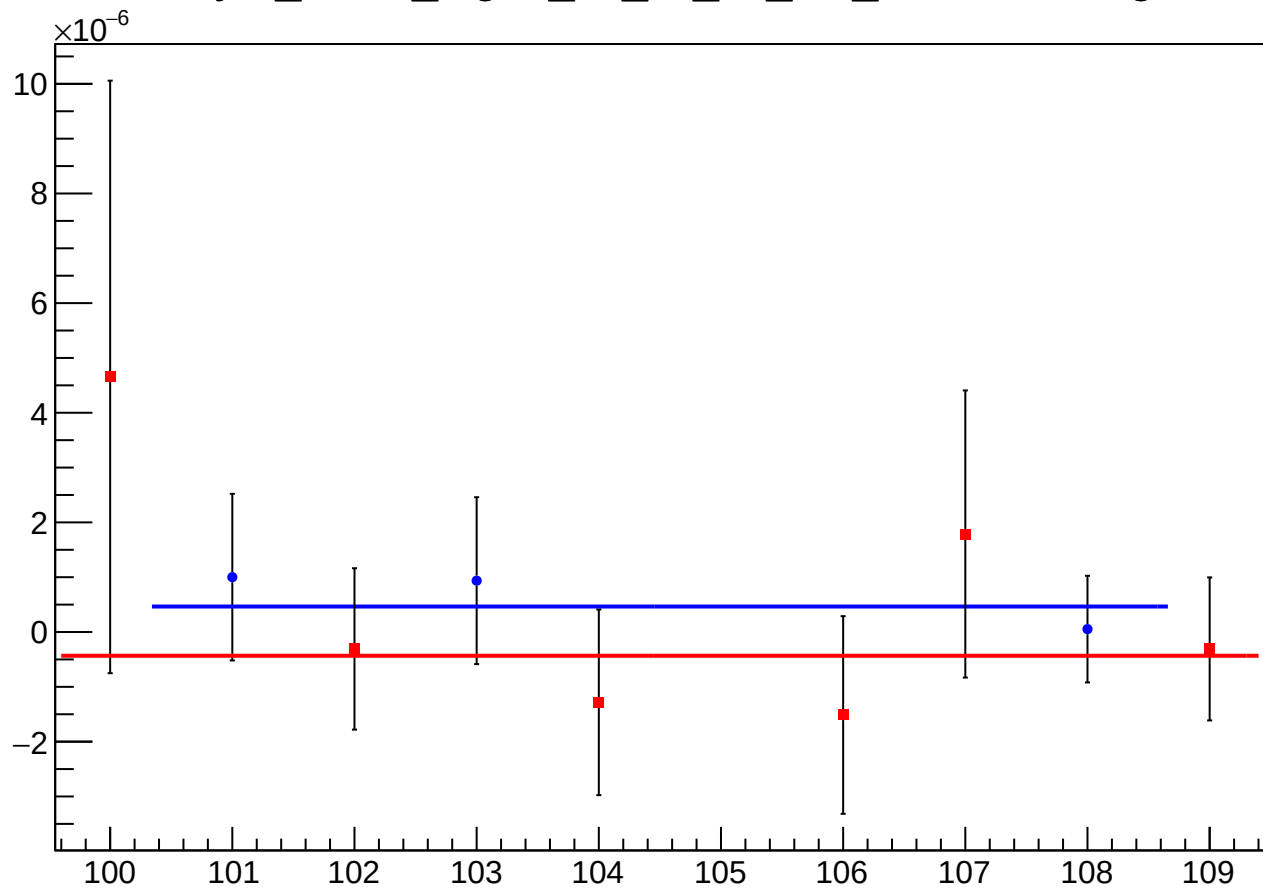
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.629 $\pm$ 0.020 χ^2 /NDF: 609614.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.2/5

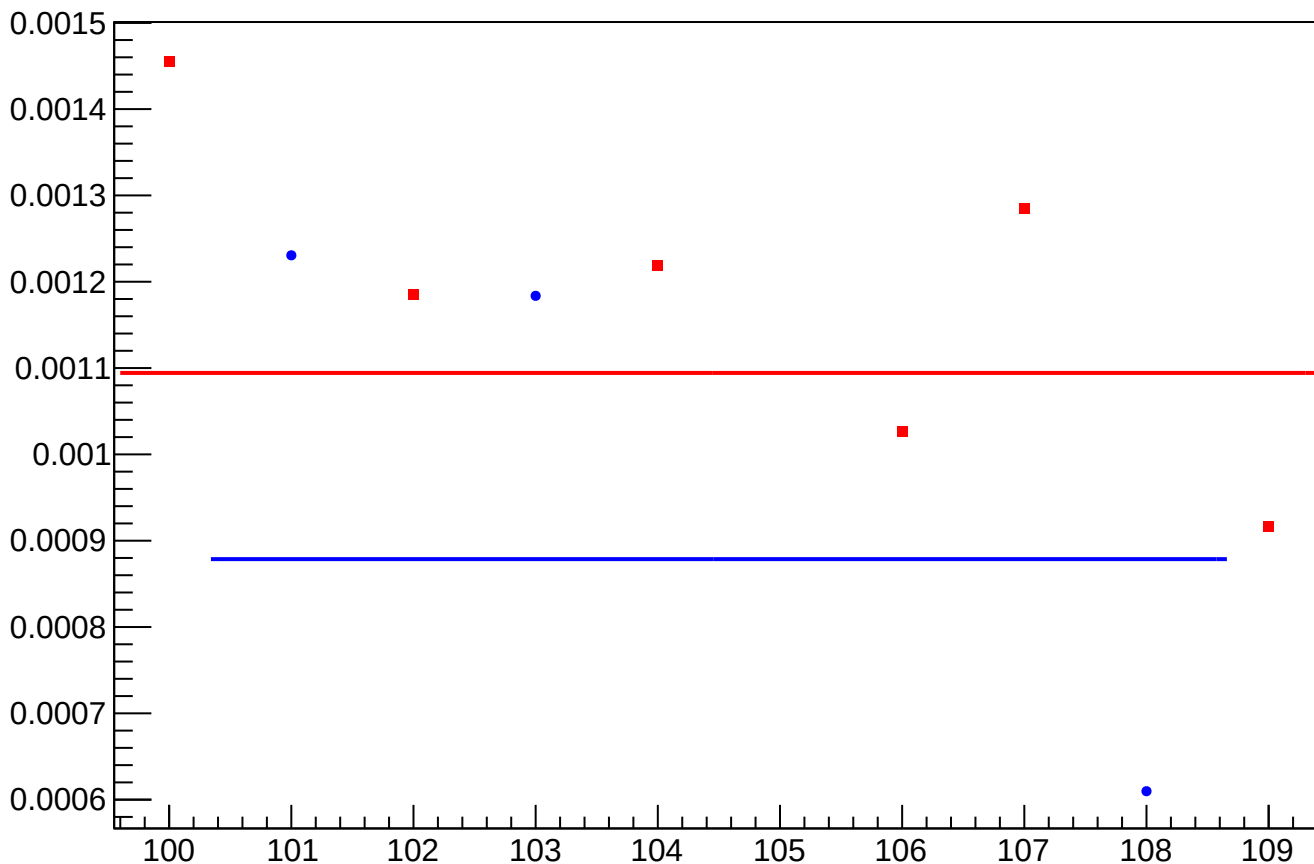
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 340223.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 77790.2/5

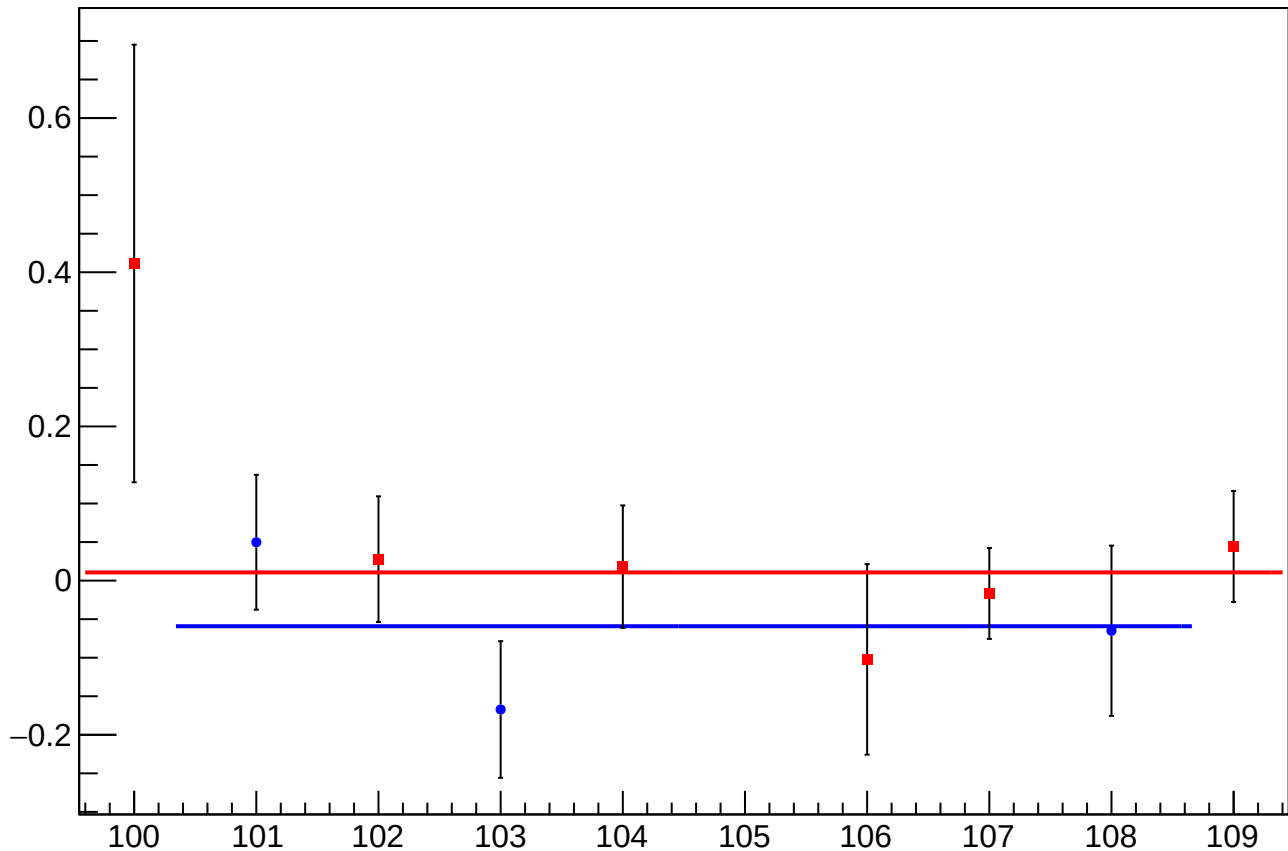
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 506534.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.059 $\pm$ 0.054 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.034 χ^2 /NDF: 3.3/5

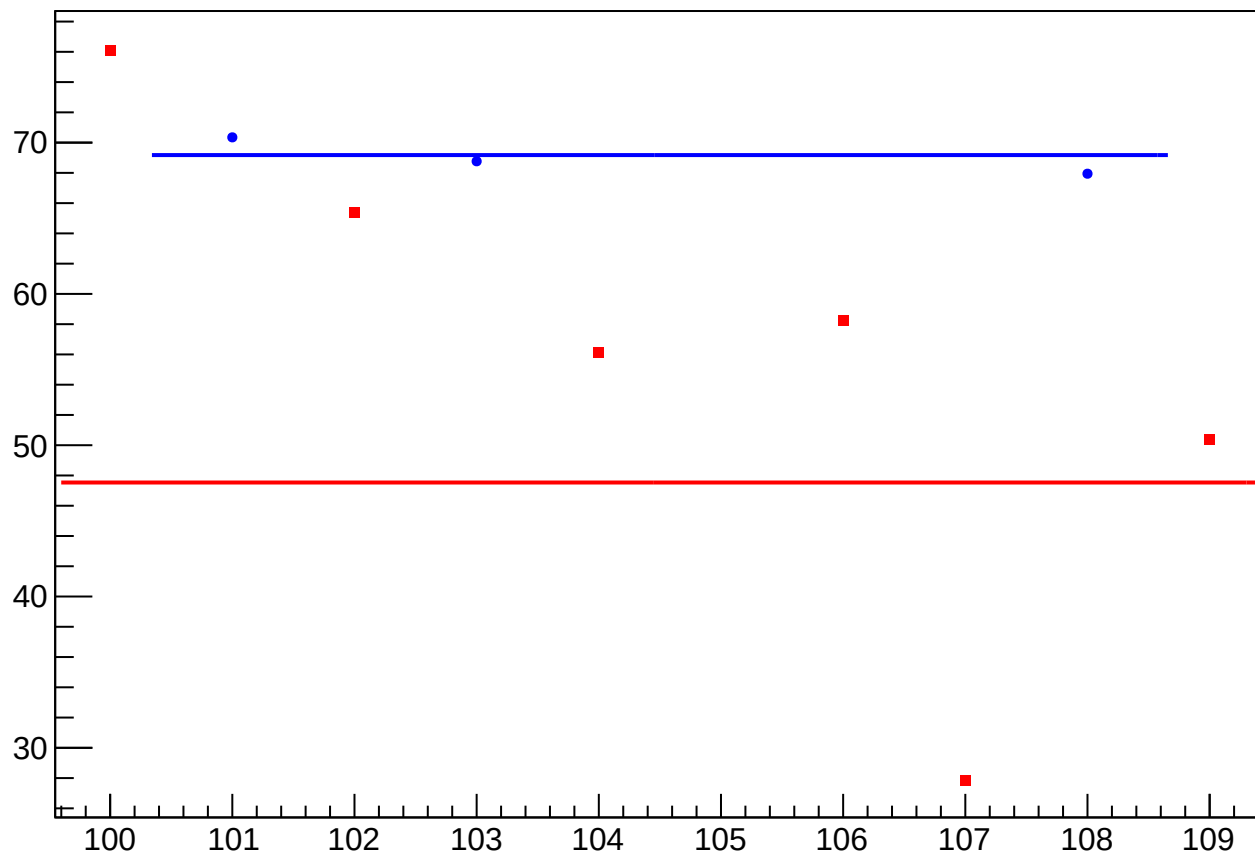
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.029 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 69.176 $\pm$ 0.038 χ^2 /NDF: 650.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.535 $\pm$ 0.024 χ^2 /NDF: 380183.7/5

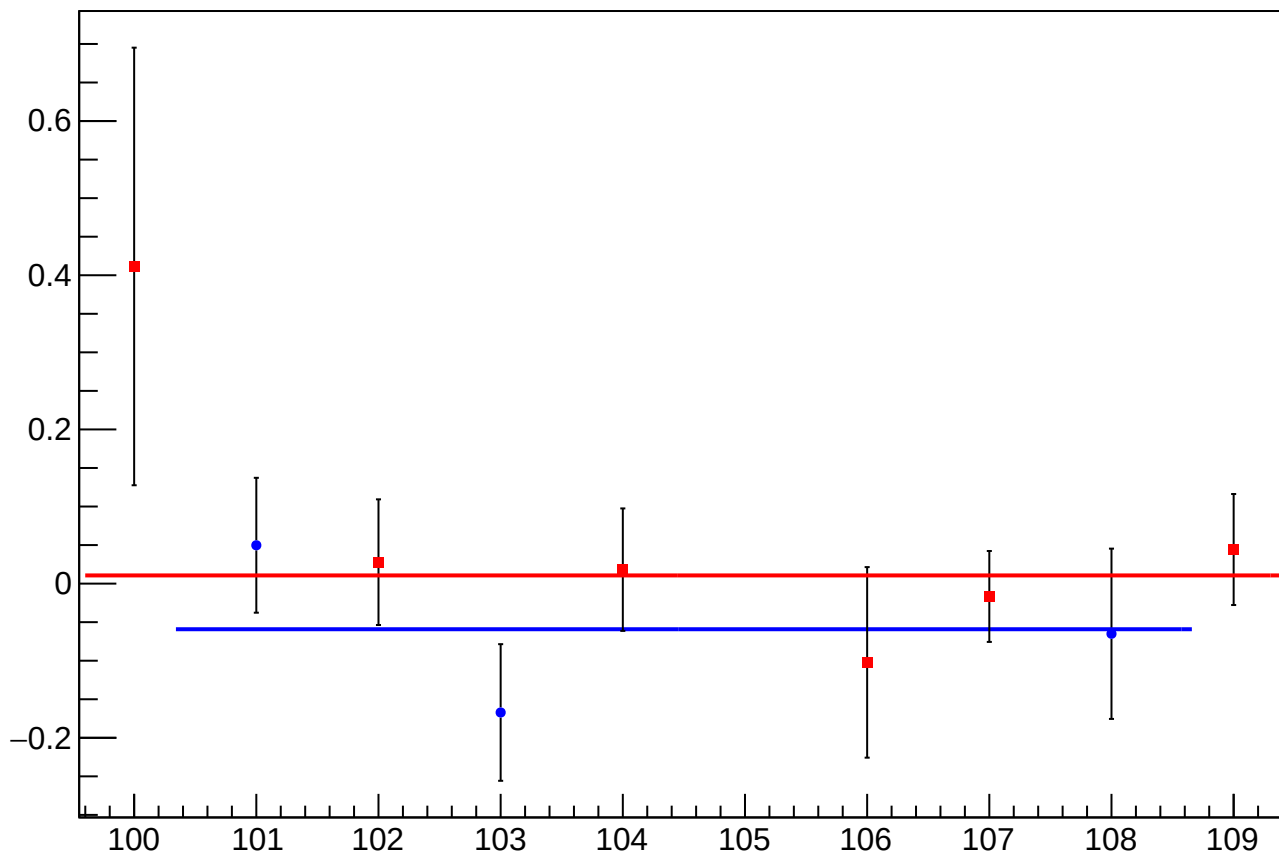
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.629 $\pm$ 0.020 χ^2 /NDF: 609621.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.059 $\pm$ 0.054 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.034 χ^2 /NDF: 3.3/5

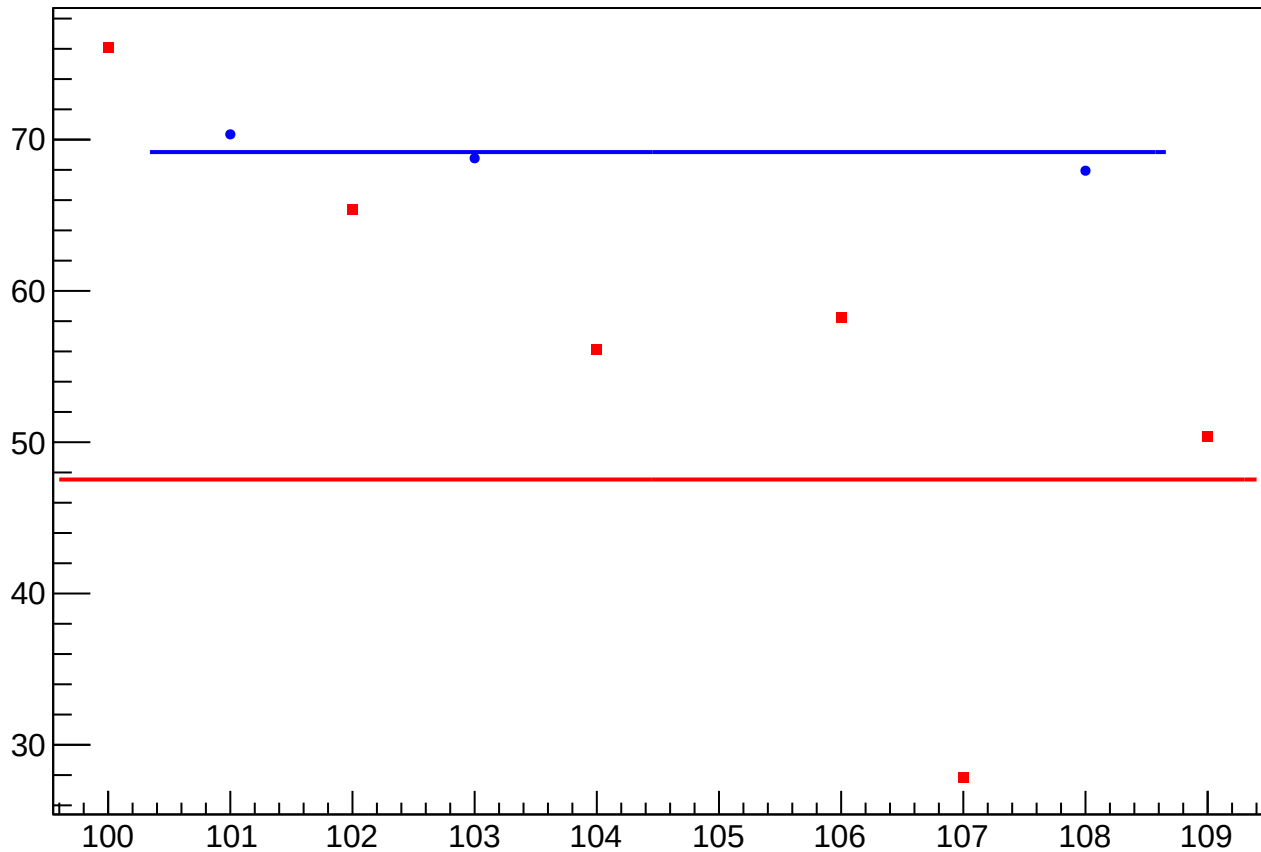
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.029 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 69.176 $\pm$ 0.038 χ^2 /NDF: 650.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.535 $\pm$ 0.024 χ^2 /NDF: 380183.7/5

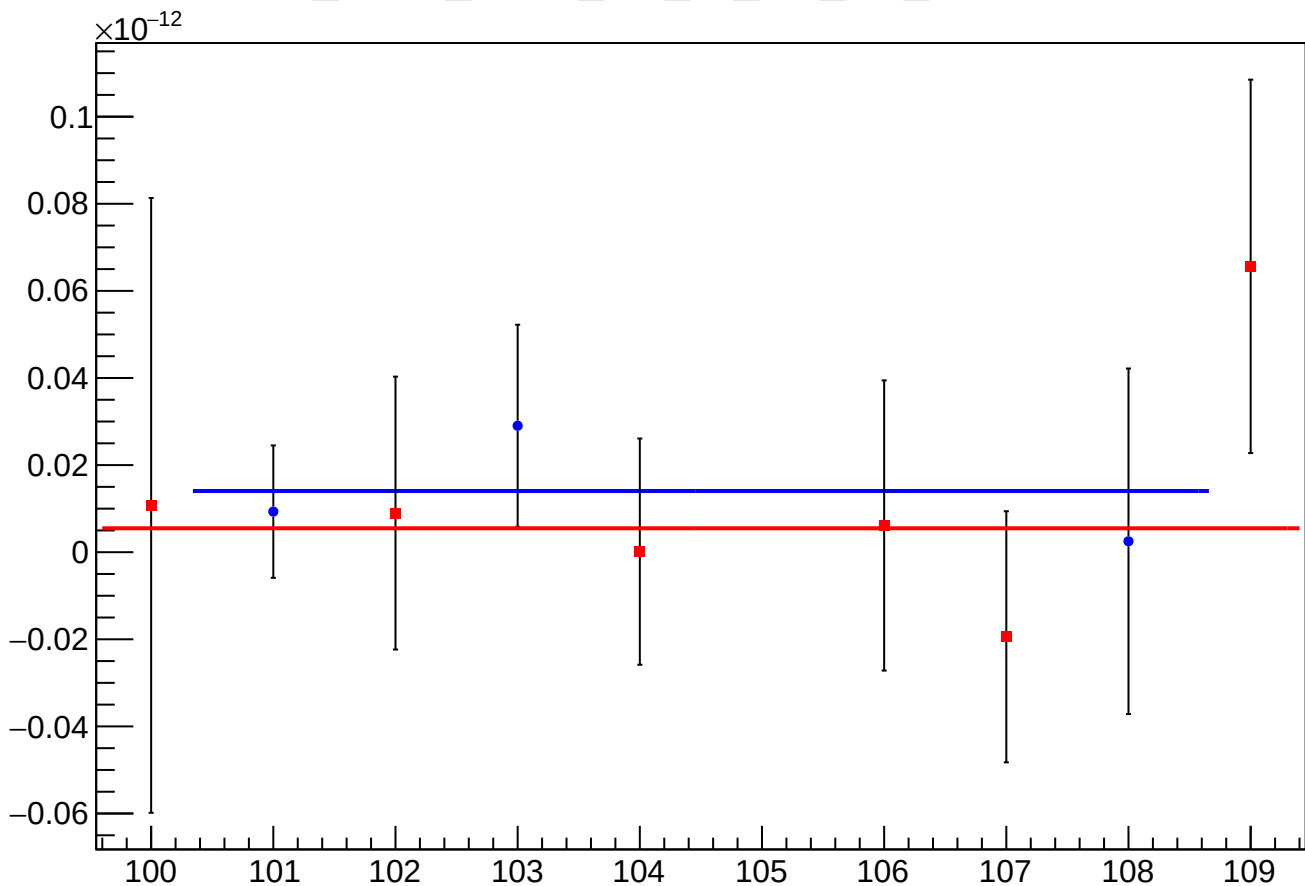
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.629 $\pm$ 0.020 χ^2 /NDF: 609621.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/5

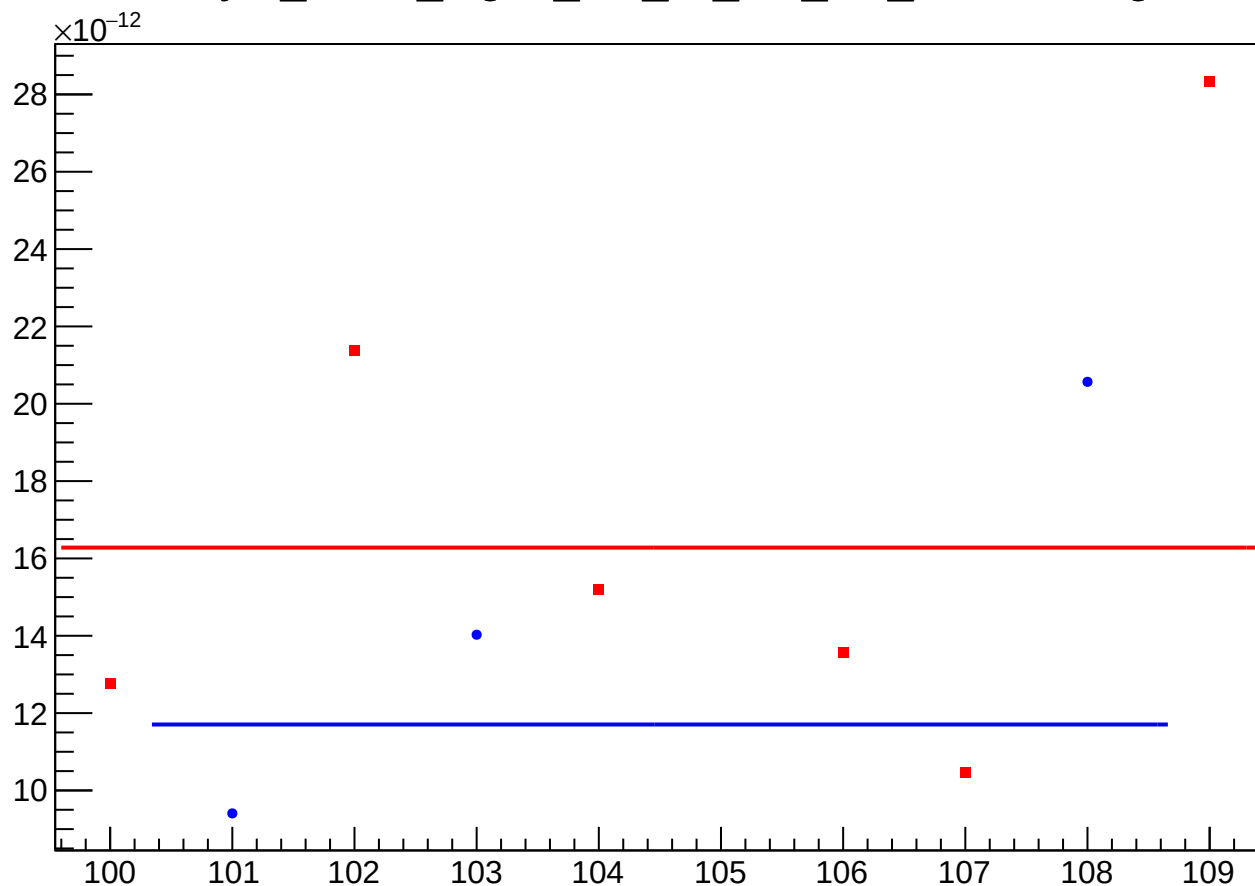
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 165541.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 313677.6/5

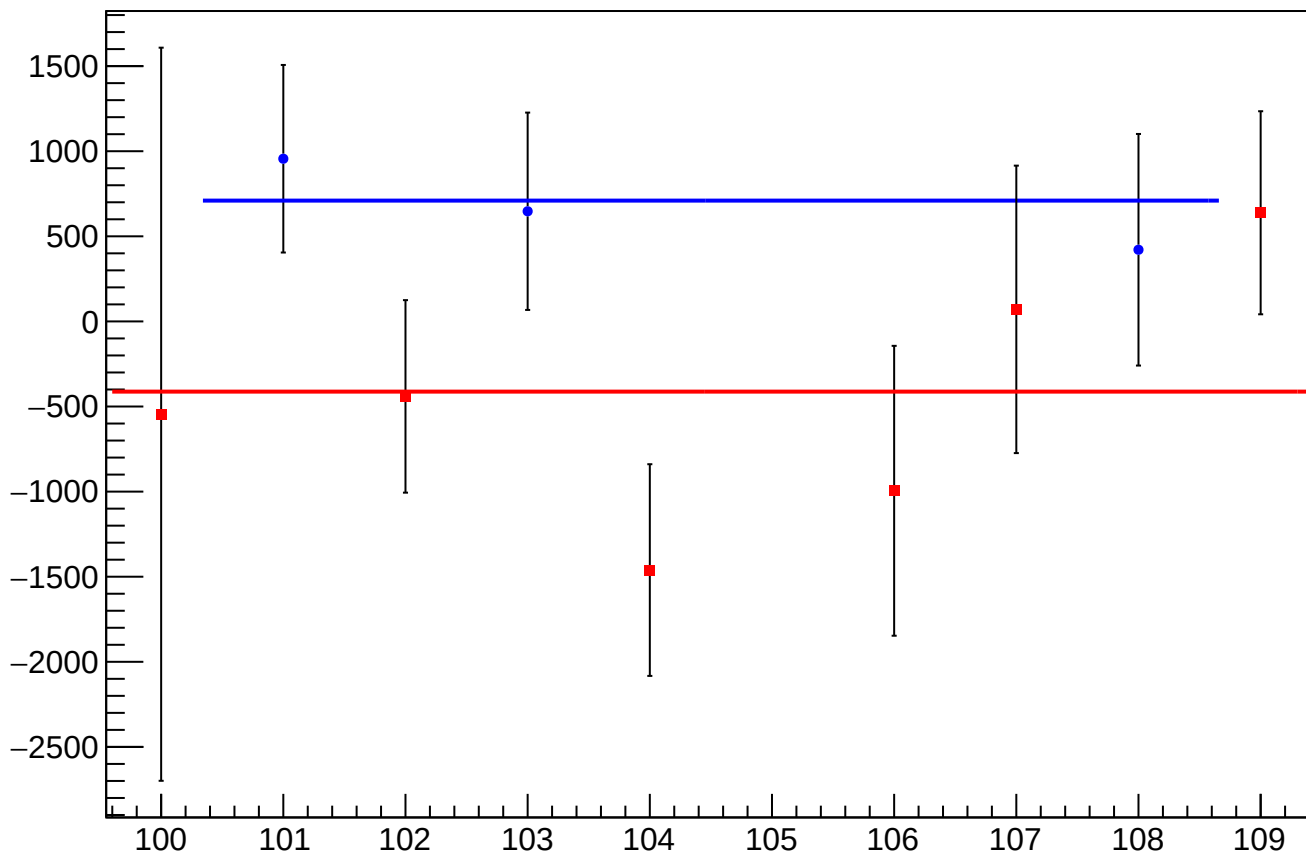
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 604711.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 709.794 $\pm$ 344.432 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -412.458 $\pm$ 294.647 χ^2 /NDF: 6.7/5

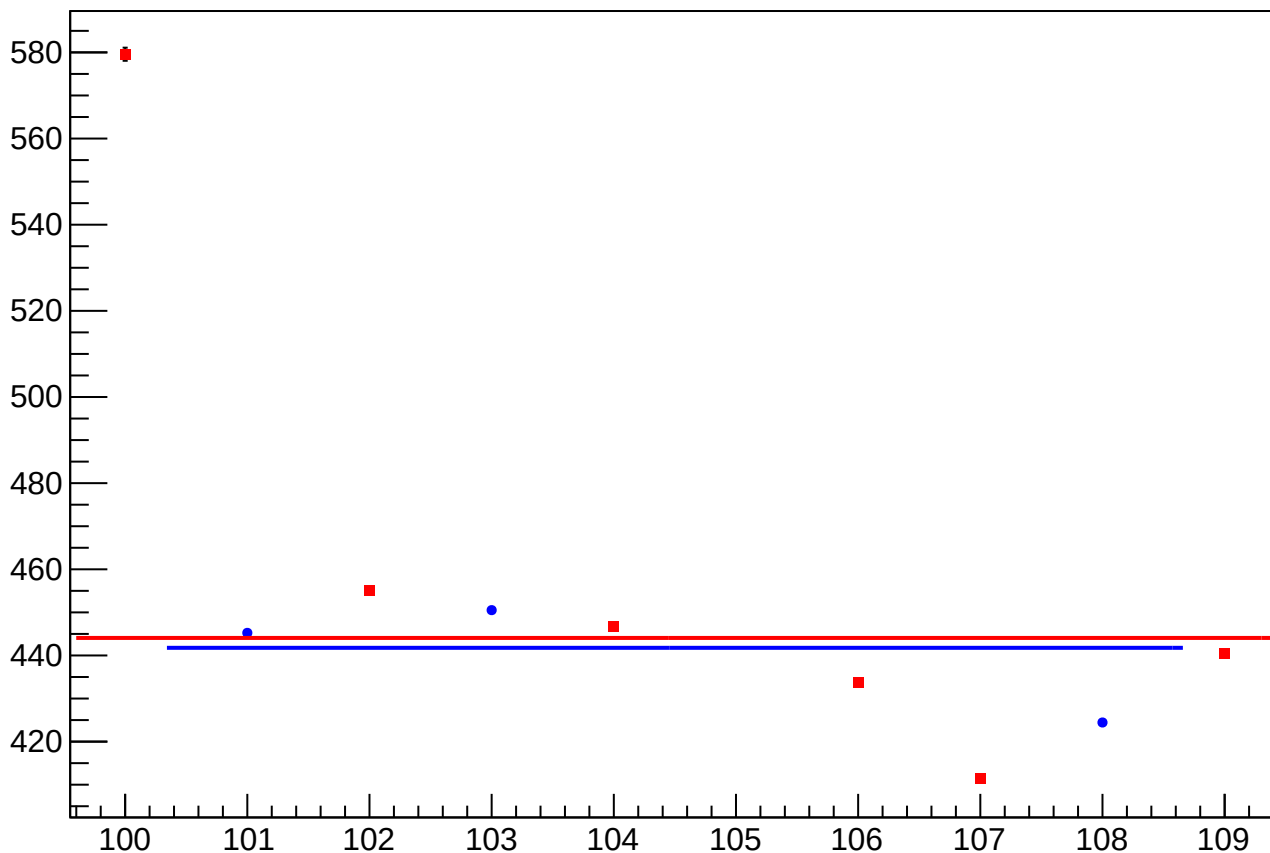
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.771 $\pm$ 223.899 χ^2 /NDF: 13.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 441.775+/-0.244 χ^2/NDF : 1833.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.070+/-0.208 χ^2/NDF : 12034.9/5

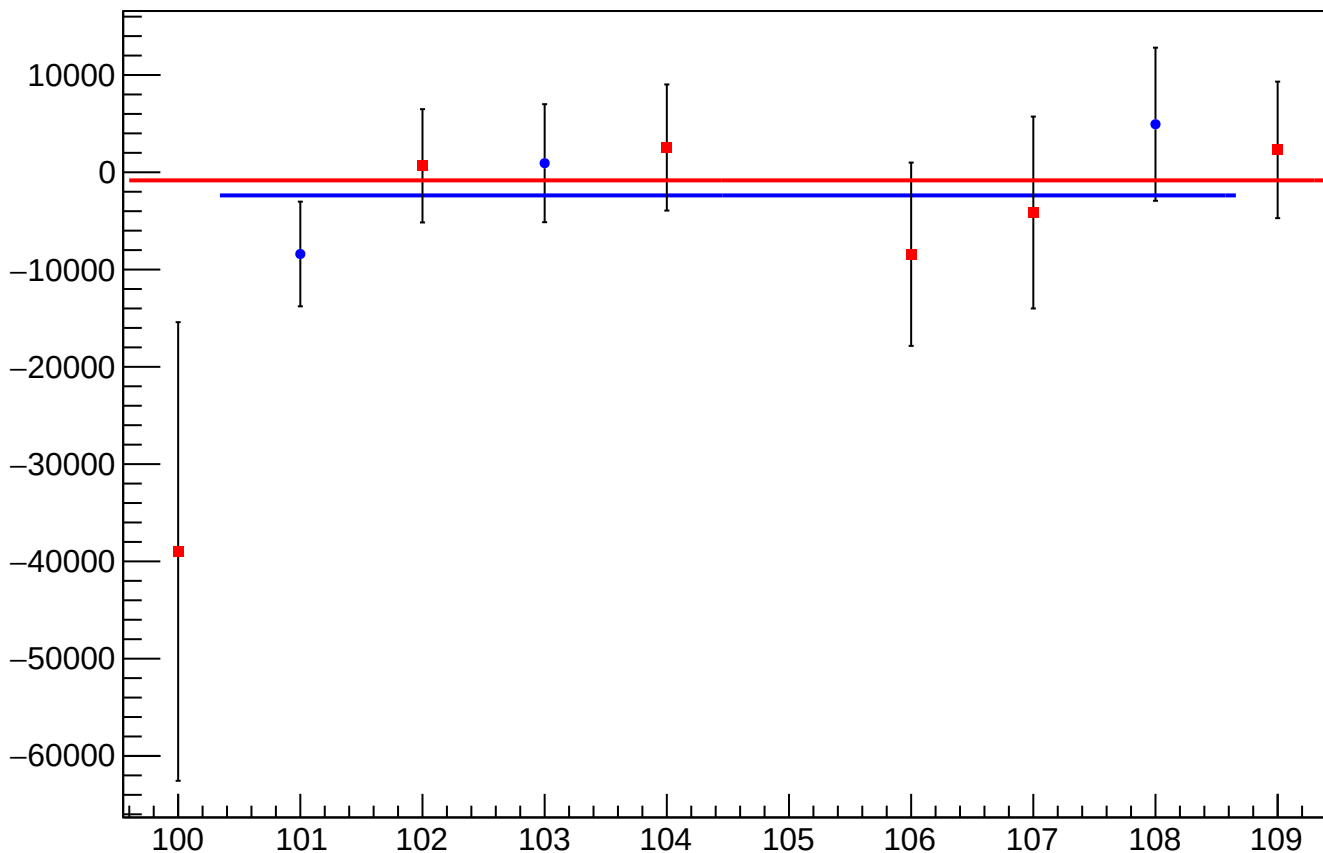
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.100+/-0.158 χ^2/NDF : 13919.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_mean vs Slug



Right In: -2377.103+/-3583.645 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -831.343+/-3211.843 χ^2/NDF : 3.9/5

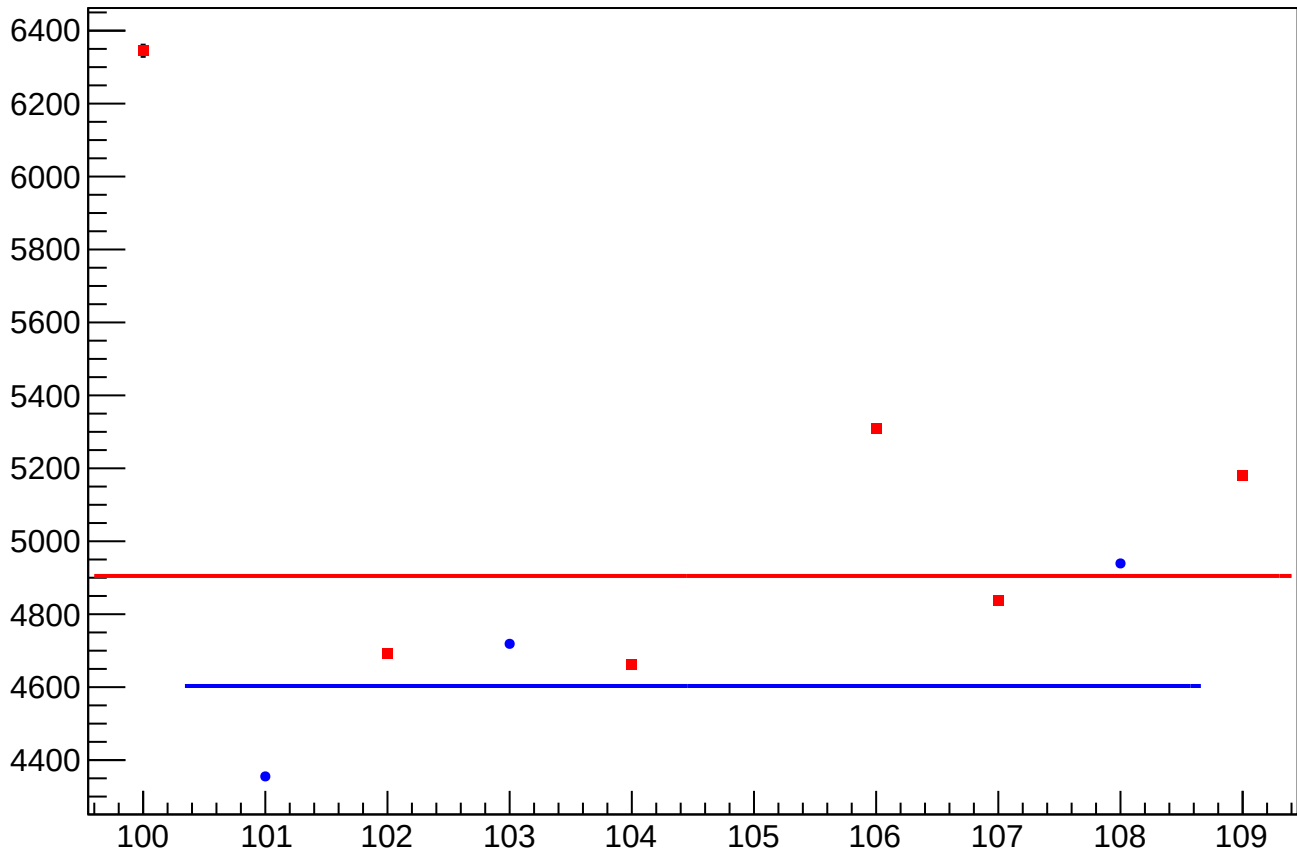
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1519.902+/-2391.798 χ^2/NDF : 6.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_rms vs Slug



Right In: 4603.190+/-2.534 χ^2/NDF : 8619.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4904.883+/-2.271 χ^2/NDF : 19832.1/5

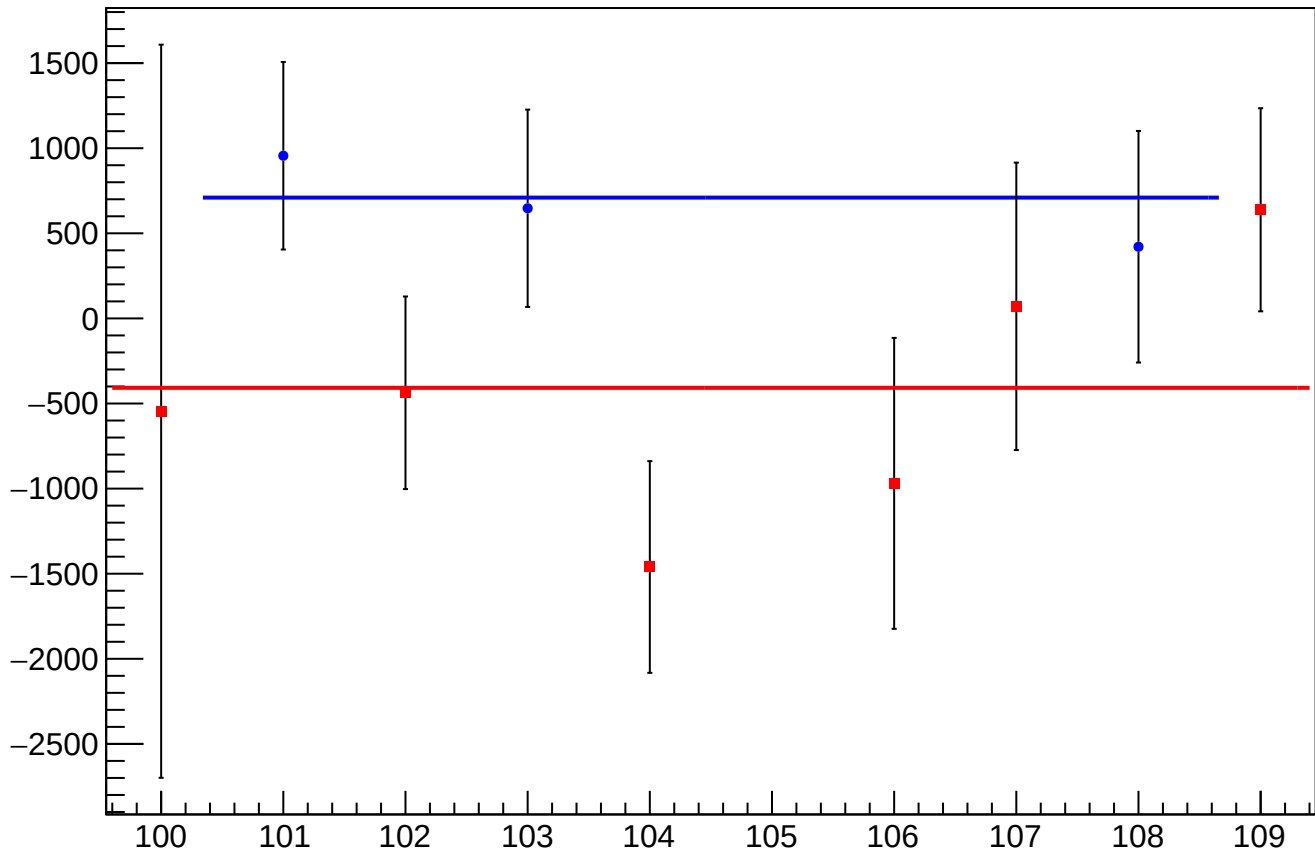
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4770.494+/-1.691 χ^2/NDF : 36312.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_mean vs Slug



Right In: 709.754 $\pm$ 344.433 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -407.828 $\pm$ 294.813 χ^2 /NDF: 6.7/5

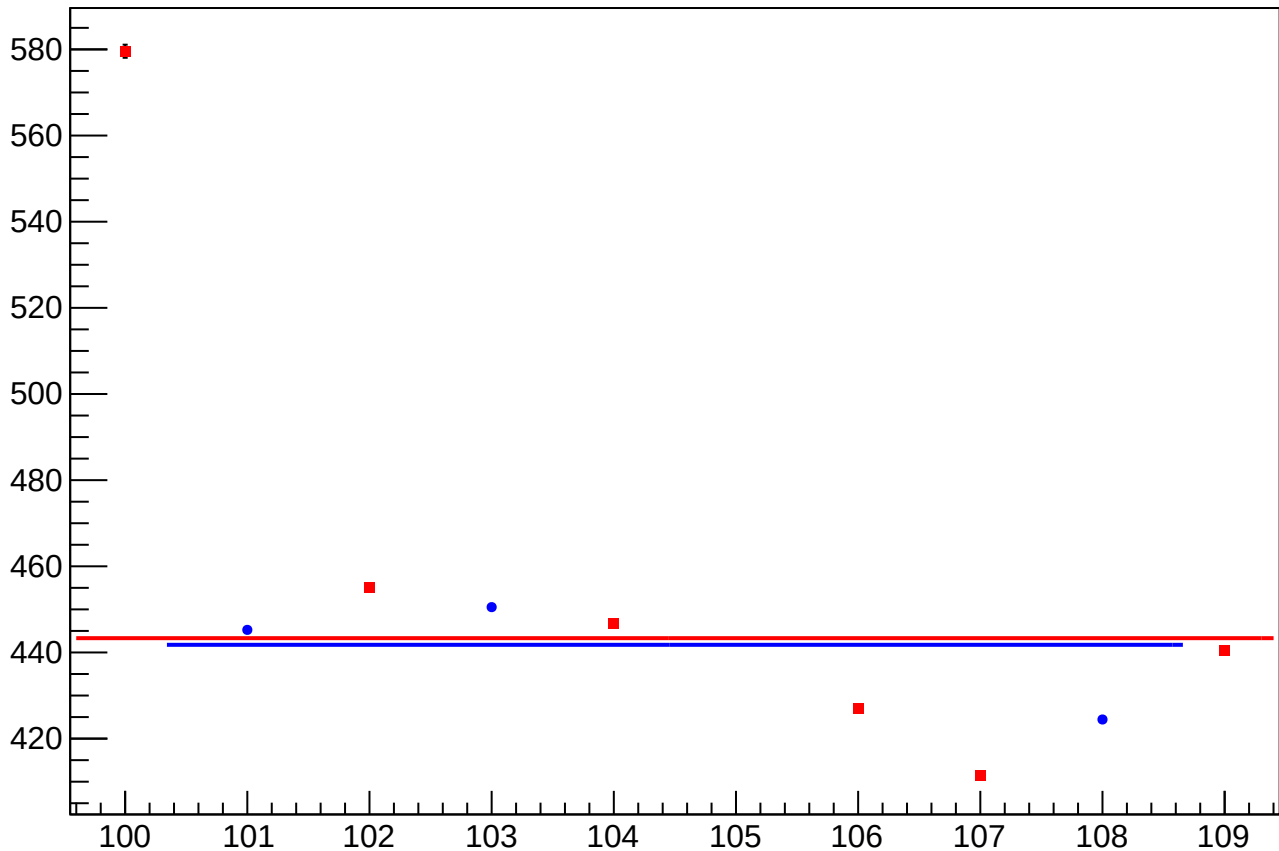
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.733 $\pm$ 223.972 χ^2 /NDF: 13.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam2_rms vs Slug



Right In: 441.776 $\pm$ 0.244 χ^2 /NDF: 1833.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 443.318 $\pm$ 0.208 χ^2 /NDF: 12556.0/5

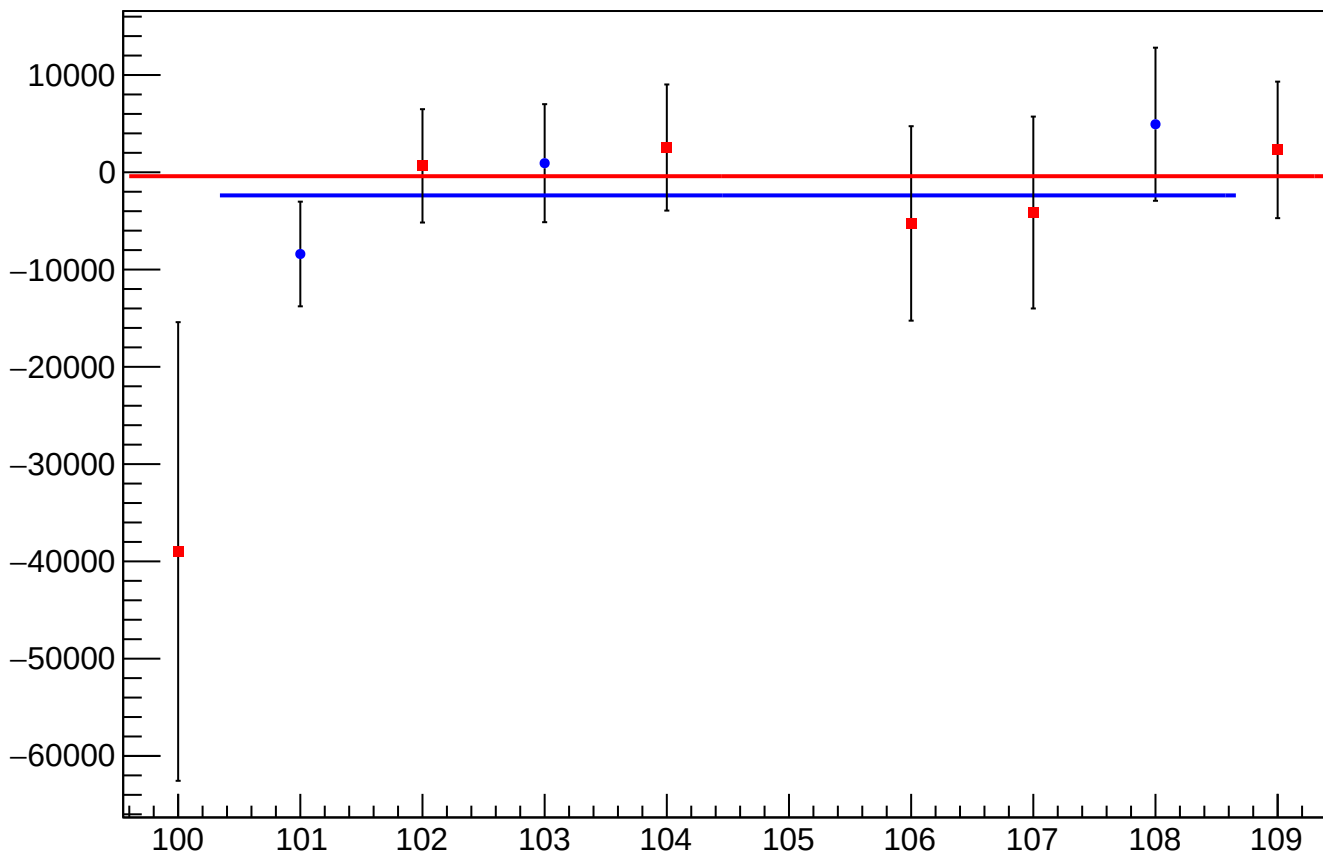
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 442.666 $\pm$ 0.158 χ^2 /NDF: 14412.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_cor_correction_mean vs Slug



Right In: -2376.516 $\pm$ 3583.695 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -402.905 $\pm$ 3233.369 χ^2 /NDF: 3.4/5

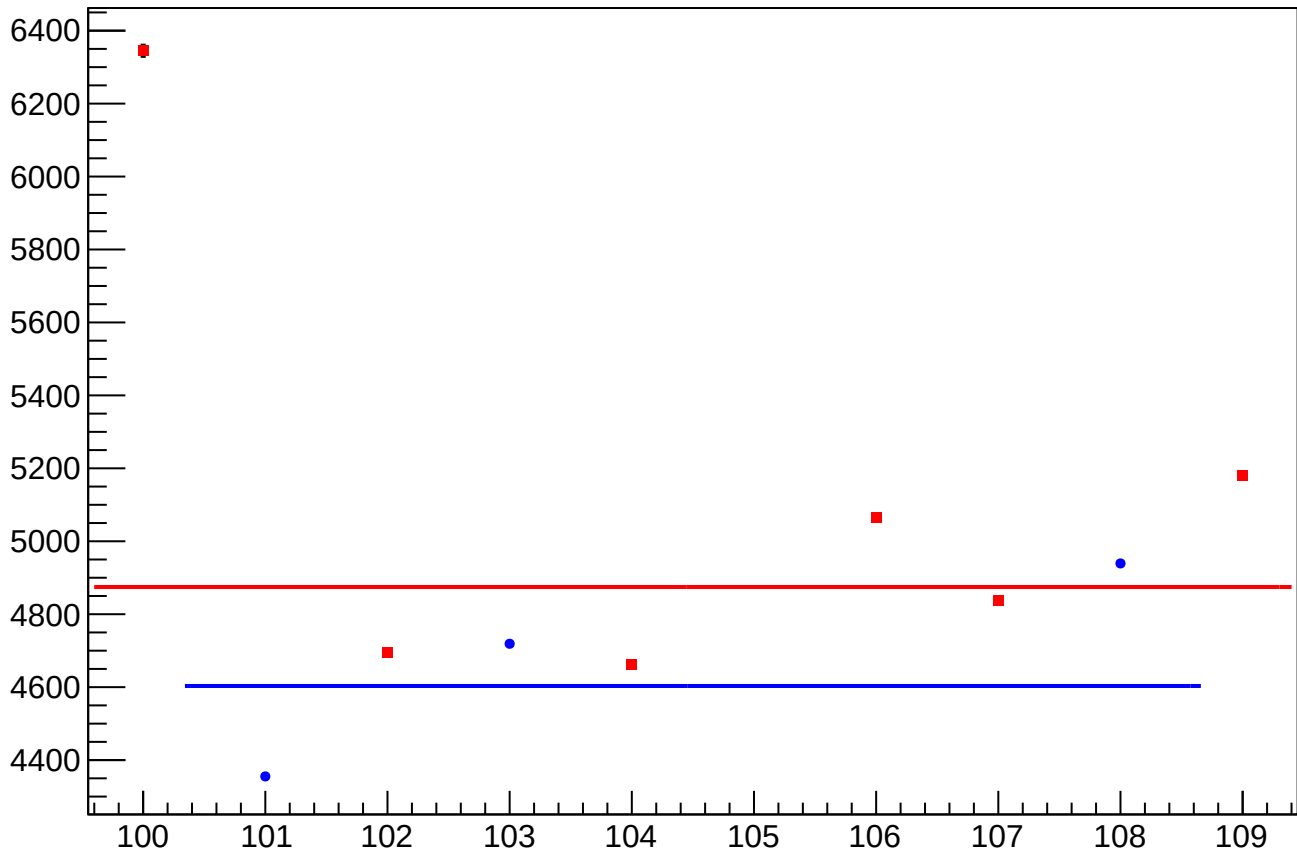
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1288.555 $\pm$ 2400.663 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_cor_correction_rms vs Slug



Right In: 4603.249+/-2.534 χ^2/NDF : 8621.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4874.645+/-2.286 χ^2/NDF : 16401.3/5

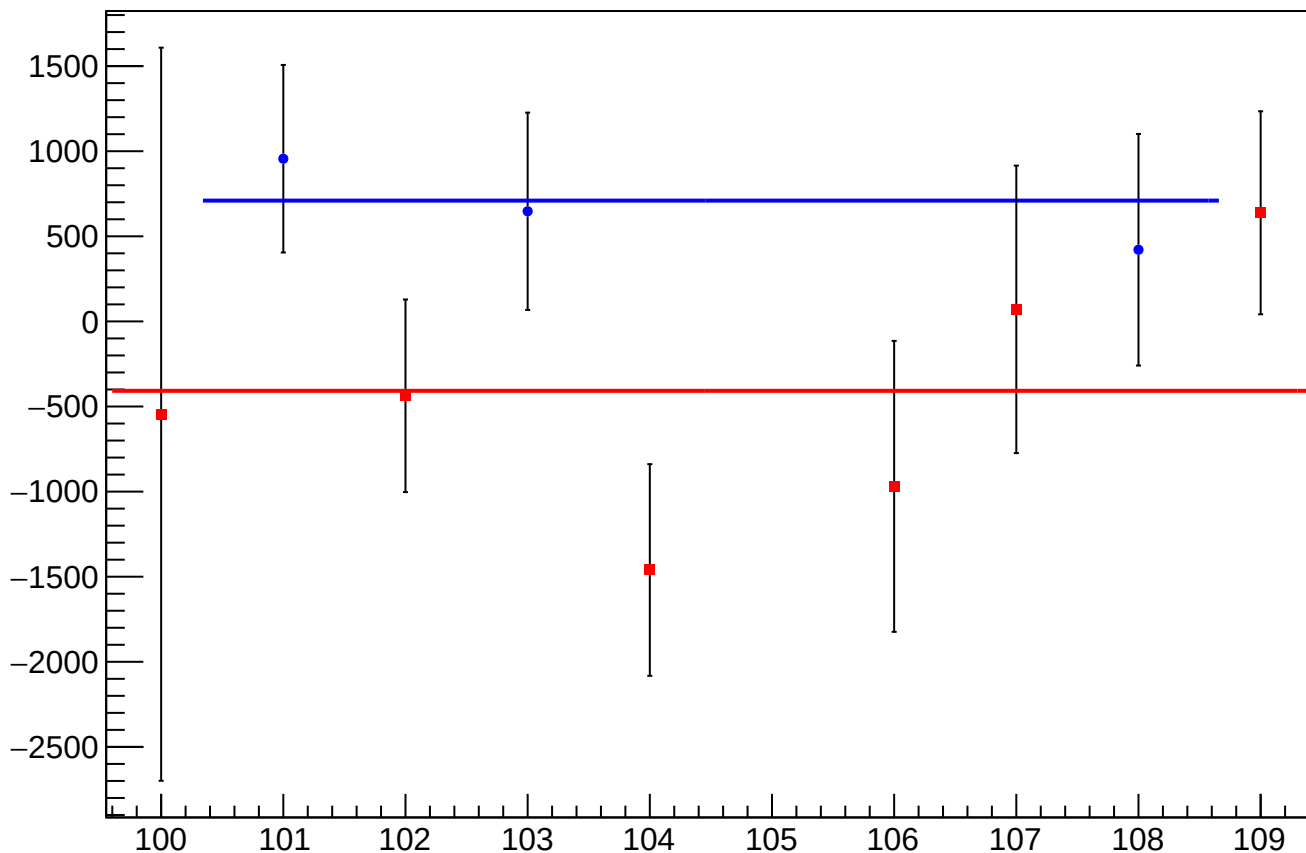
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4752.857+/-1.698 χ^2/NDF : 31345.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_mean vs Slug



Right In: 709.754+/-344.433 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -407.828+/-294.813 χ^2/NDF : 6.7/5

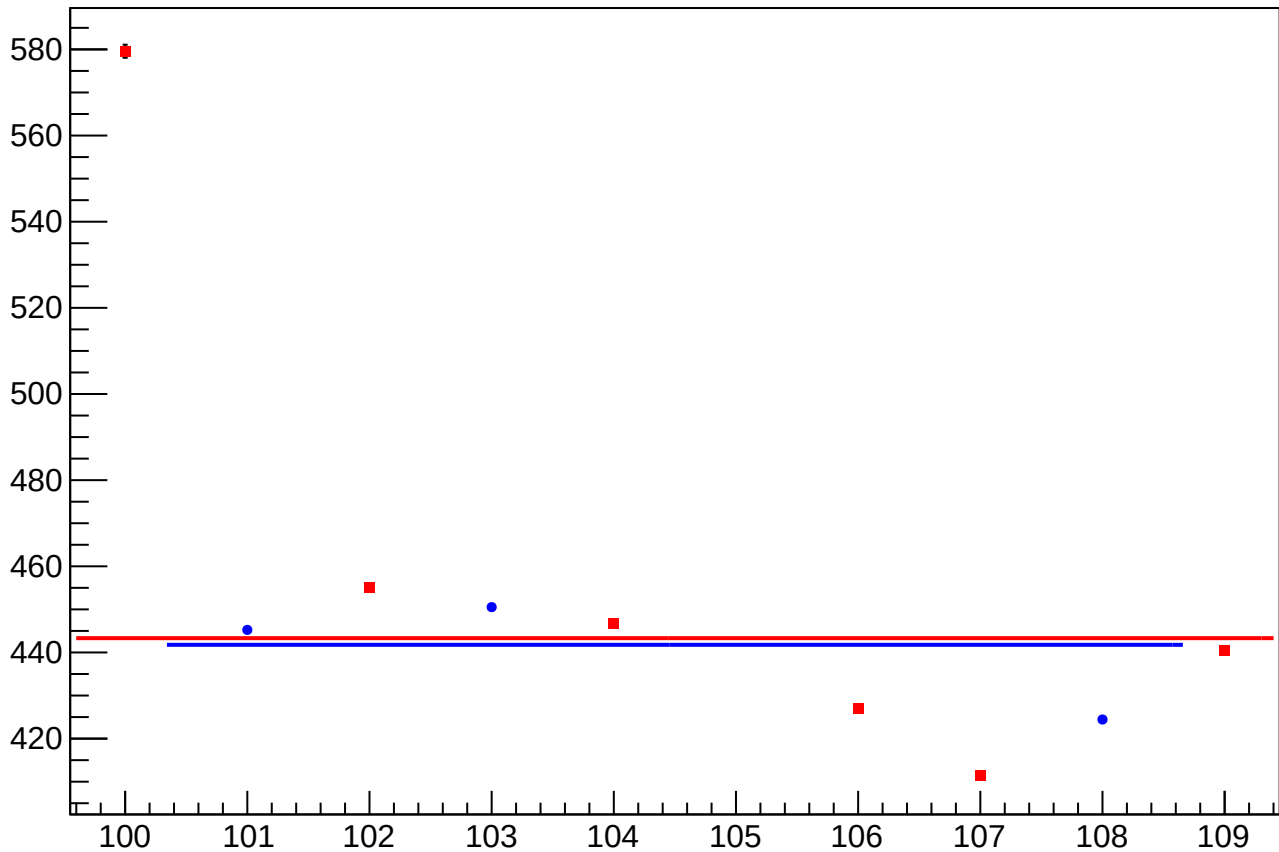
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.733+/-223.972 χ^2/NDF : 13.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_rms vs Slug



Right In: 441.776 $\pm$ 0.244 χ^2 /NDF: 1833.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 443.318 $\pm$ 0.208 χ^2 /NDF: 12556.0/5

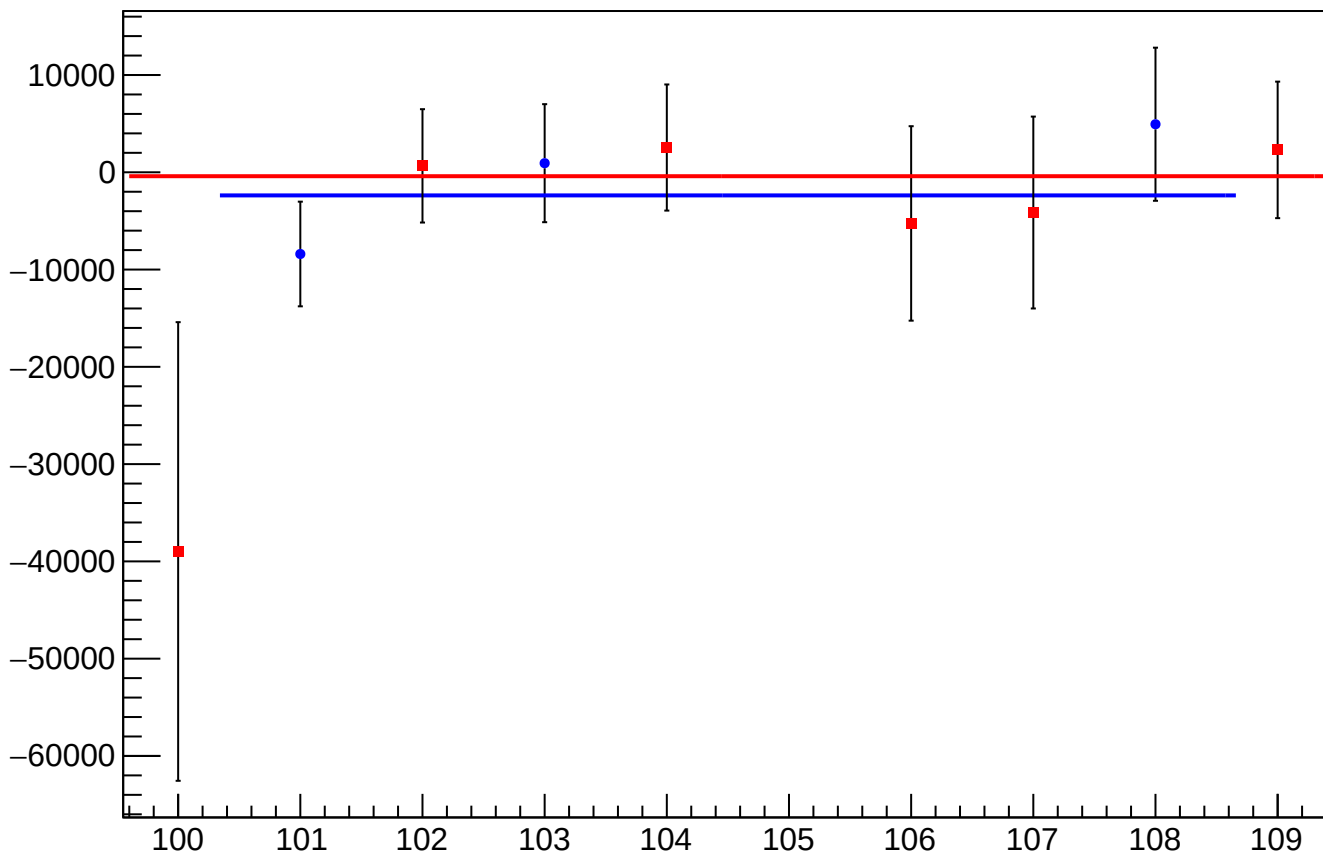
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 442.666 $\pm$ 0.158 χ^2 /NDF: 14412.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_correction_mean vs Slug



Right In: -2376.516 $\pm$ 3583.695 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -402.905 $\pm$ 3233.369 χ^2 /NDF: 3.4/5

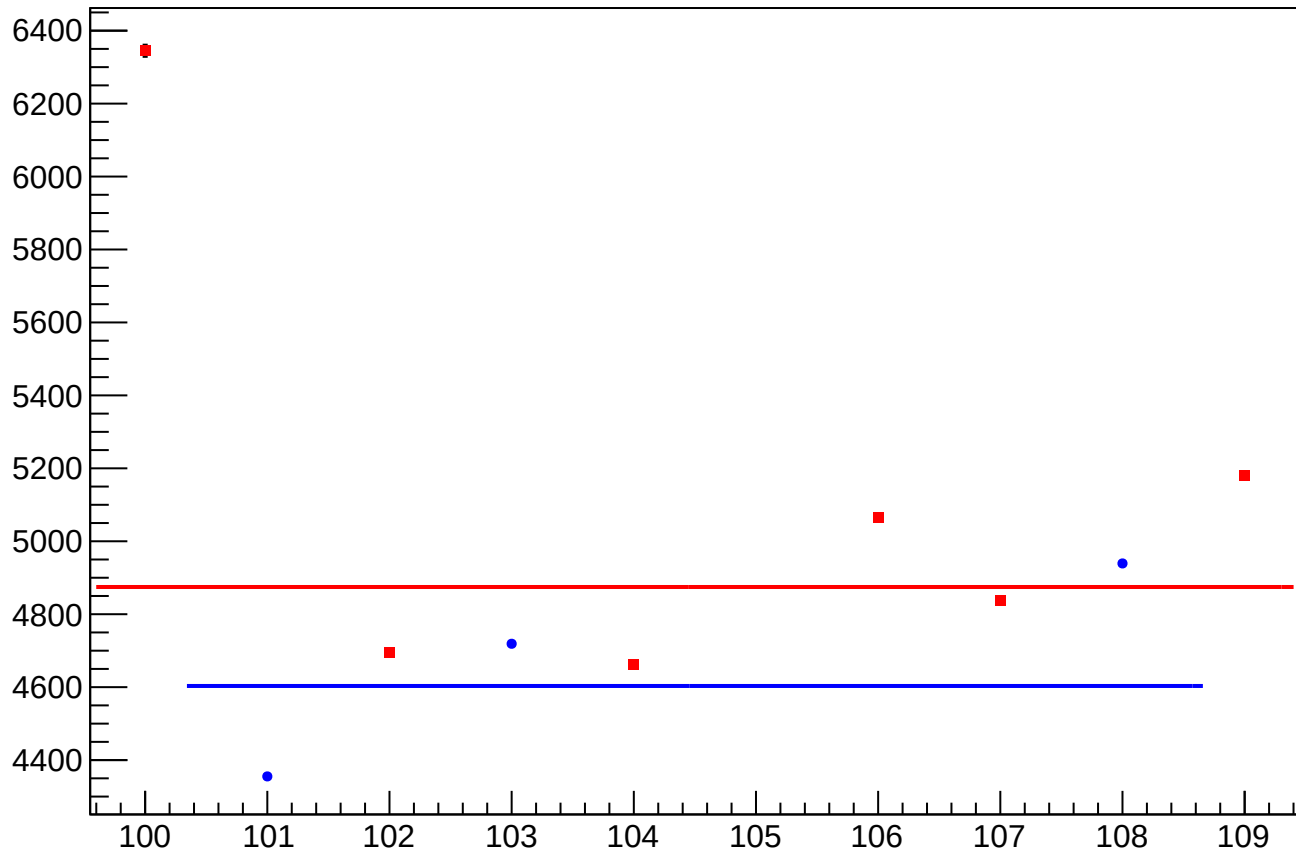
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1288.555 $\pm$ 2400.663 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 4603.249+/-2.534 χ^2/NDF : 8621.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4874.645+/-2.286 χ^2/NDF : 16401.3/5

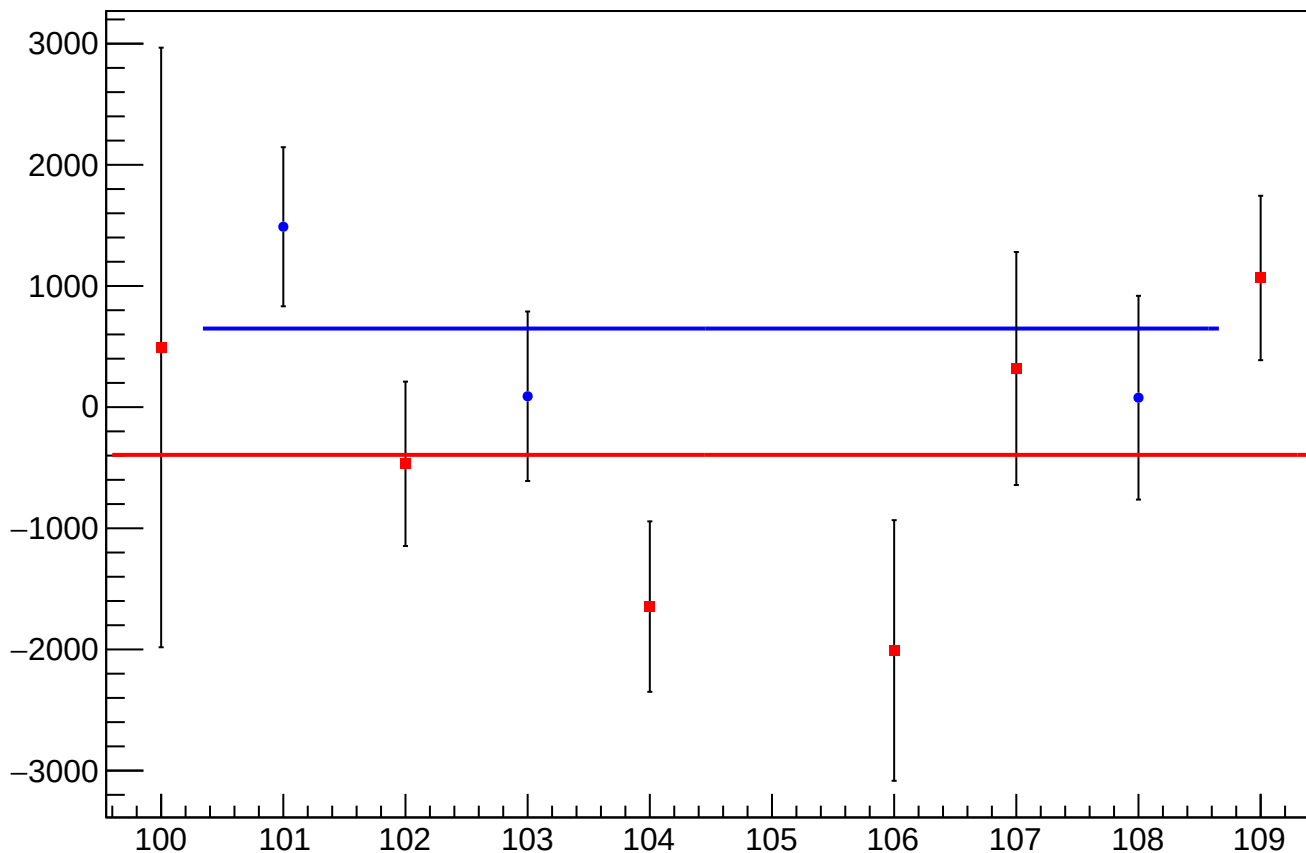
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4752.857+/-1.698 χ^2/NDF : 31345.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam2_mean vs Slug



Right In: 648.696 $\pm$ 416.073 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -393.944 $\pm$ 343.524 χ^2 /NDF: 10.7/5

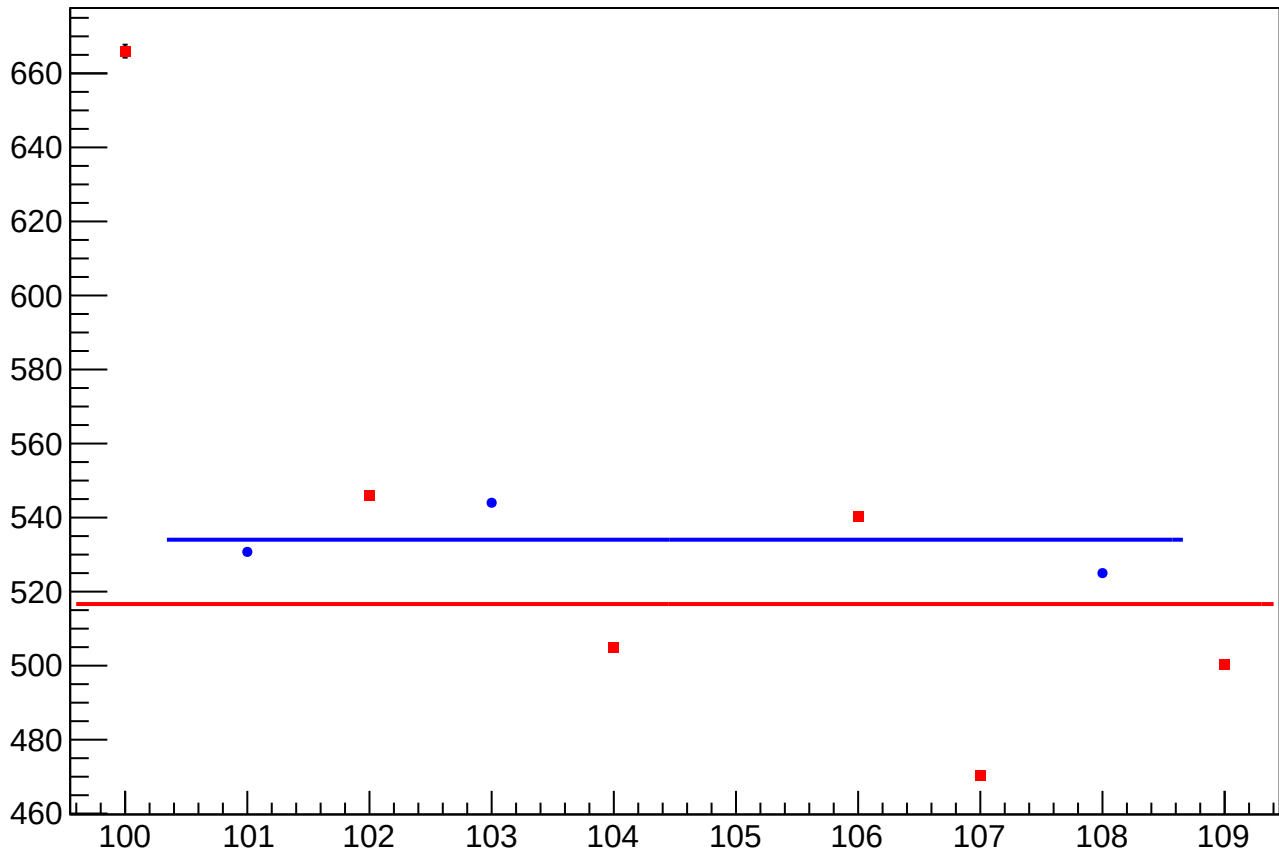
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.694 $\pm$ 264.903 χ^2 /NDF: 17.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 534.024 $\pm$ 0.294 χ^2 /NDF: 687.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 516.640 $\pm$ 0.243 χ^2 /NDF: 18341.2/5

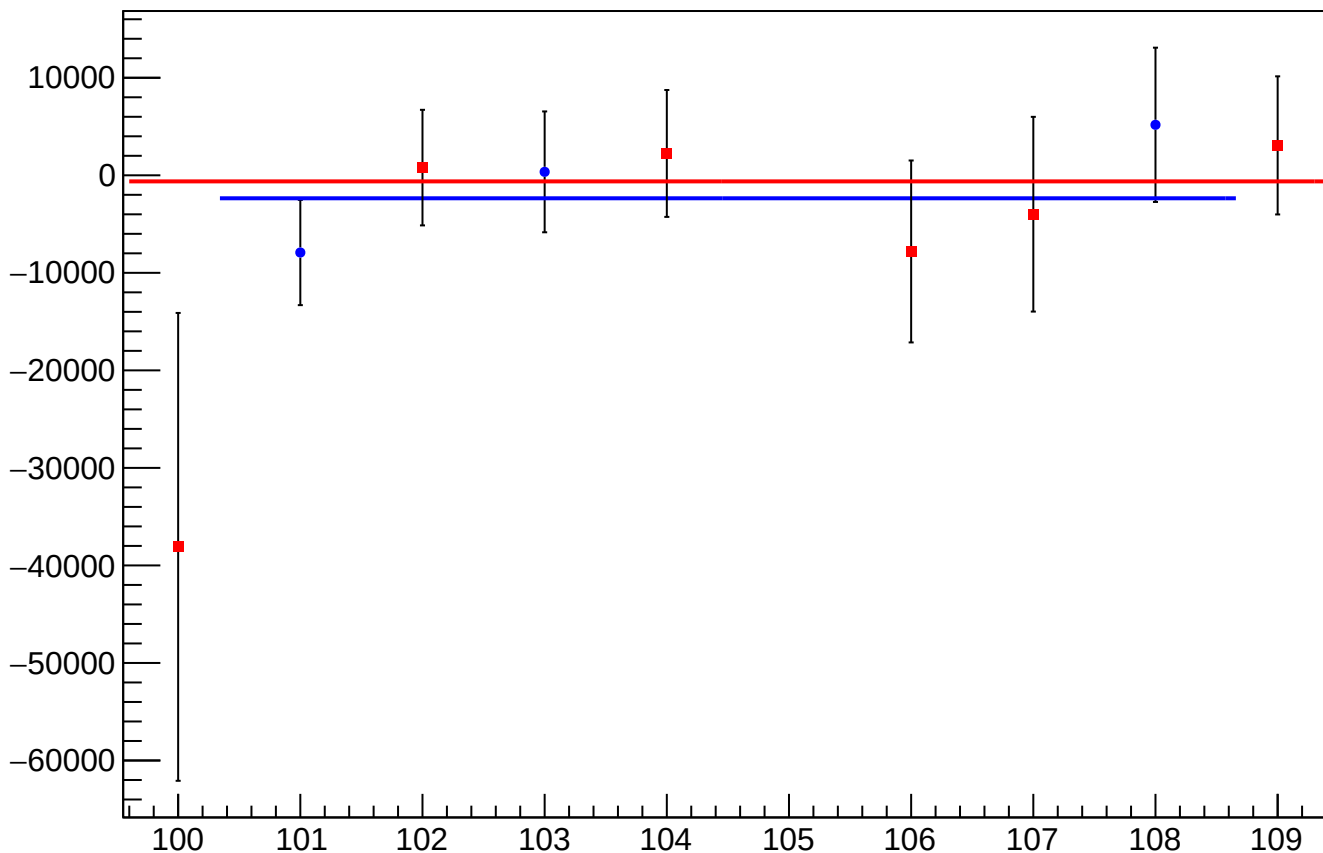
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 523.687 $\pm$ 0.187 χ^2 /NDF: 21104.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_correction_mean vs Slug



Right In: -2356.035 $\pm$ 3618.374 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -623.034 $\pm$ 3238.929 χ^2 /NDF: 3.7/5

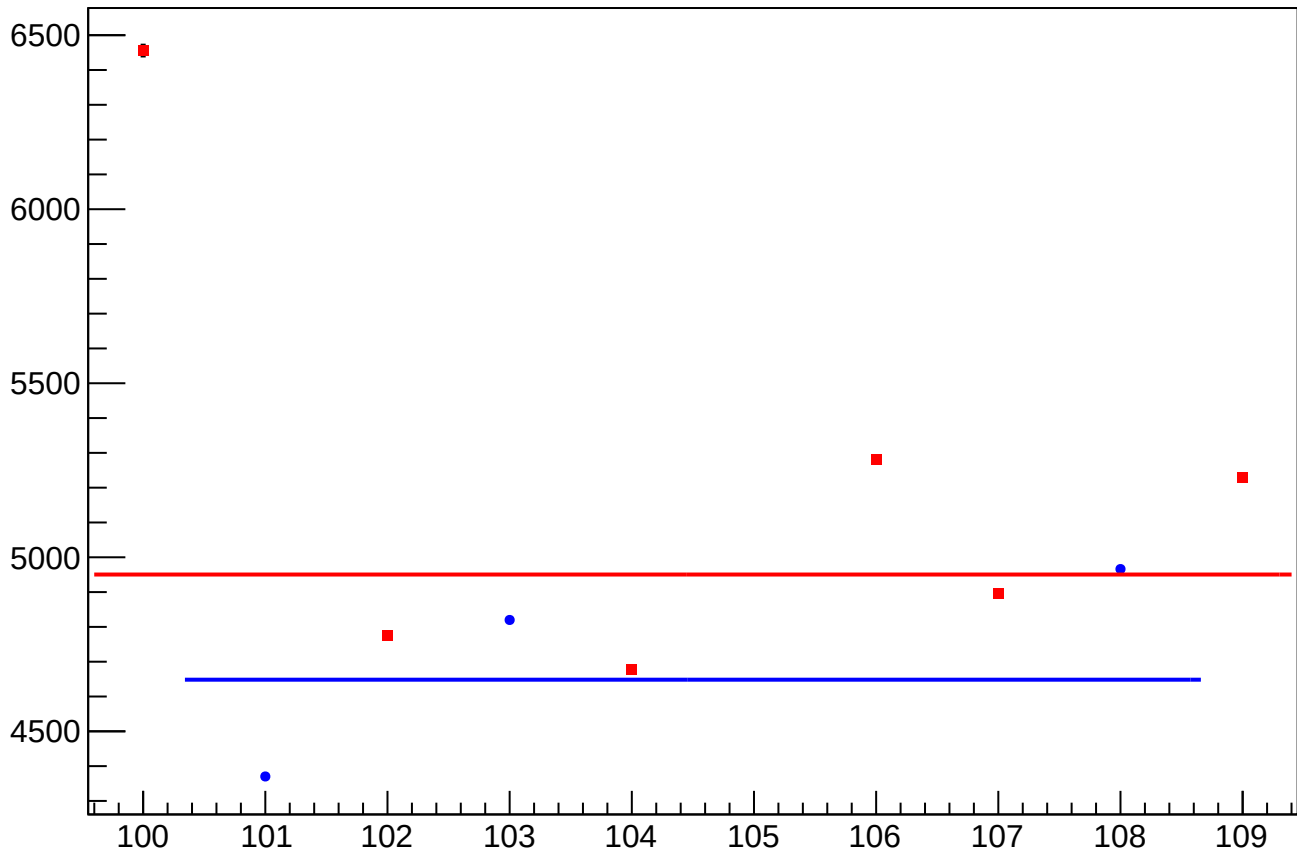
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1393.933 $\pm$ 2413.307 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_correction_rms vs Slug



Right In: 4648.317 $\pm$ 2.559 χ^2 /NDF: 10075.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4950.467 $\pm$ 2.290 χ^2 /NDF: 18795.9/5

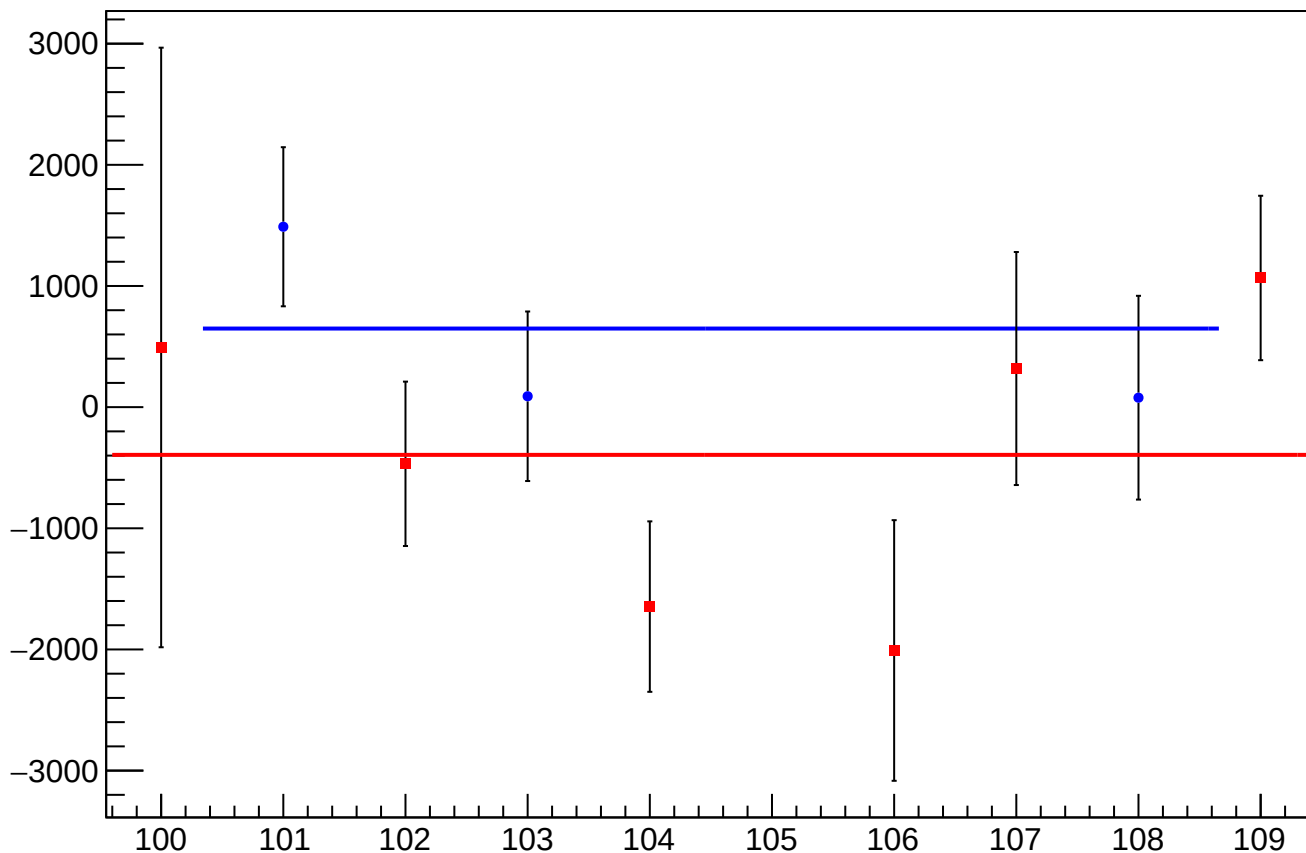
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4816.060 $\pm$ 1.706 χ^2 /NDF: 36613.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_mean vs Slug



Right In: 648.689+/-416.072 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.946+/-343.523 χ^2/NDF : 10.7/5

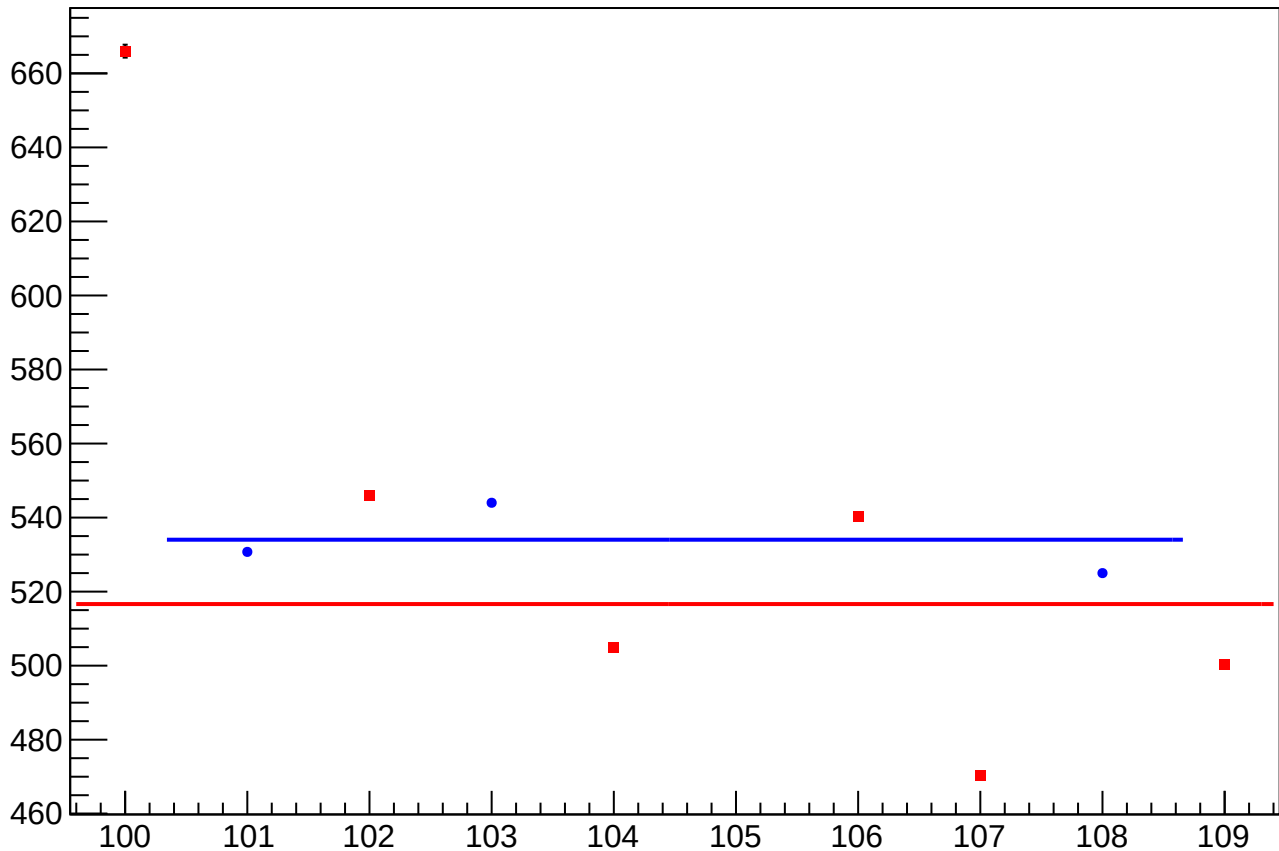
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.689+/-264.902 χ^2/NDF : 17.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 534.023 $\pm$ 0.294 χ^2 /NDF: 687.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 516.639 $\pm$ 0.243 χ^2 /NDF: 18340.8/5

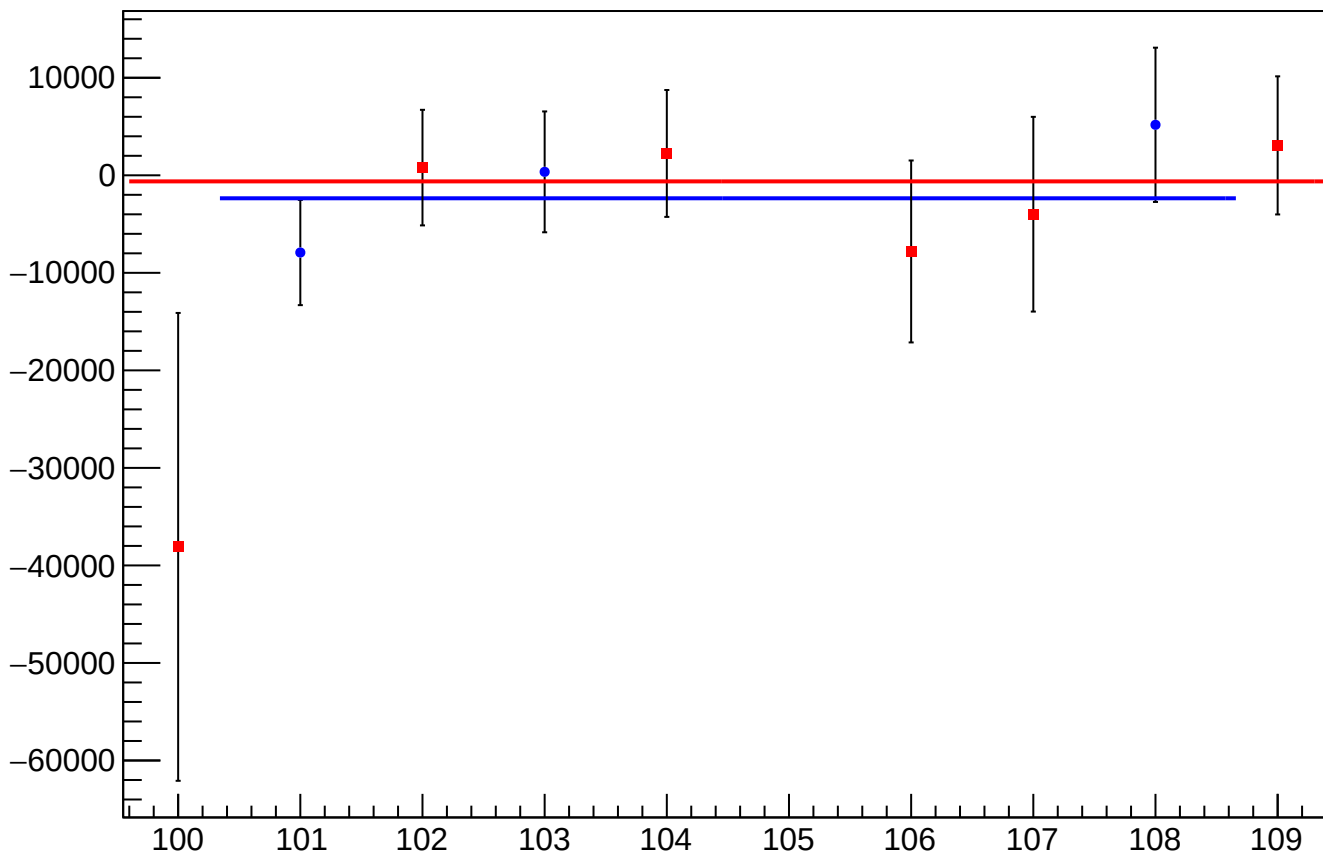
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 523.686 $\pm$ 0.187 χ^2 /NDF: 21104.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -2356.035+/-3618.367 χ^2 /NDF: 2.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -623.029+/-3238.921 χ^2 /NDF: 3.7/5

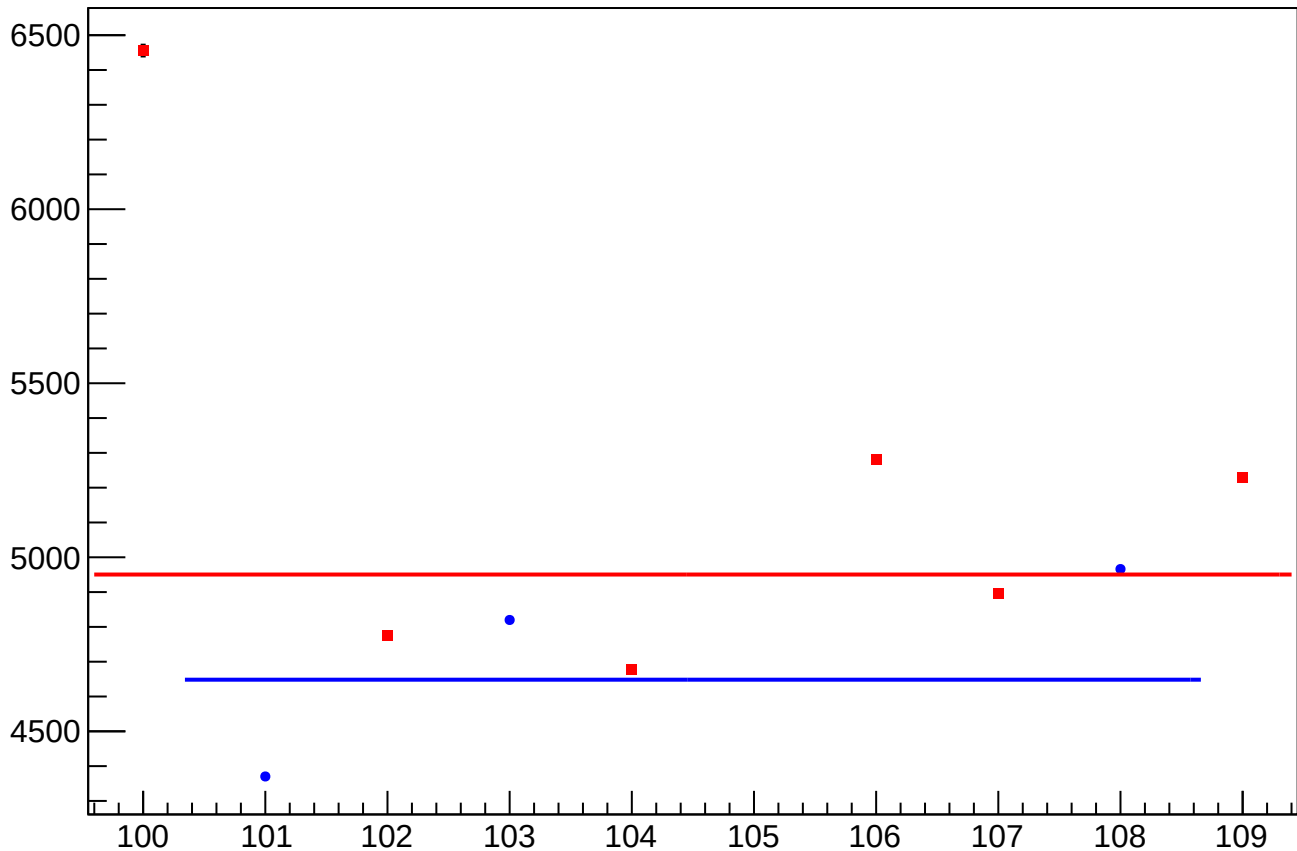
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1393.929+/-2413.302 χ^2 /NDF: 6.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4648.308 $\pm$ 2.559 χ^2 /NDF: 10074.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4950.454 $\pm$ 2.290 χ^2 /NDF: 18796.3/5

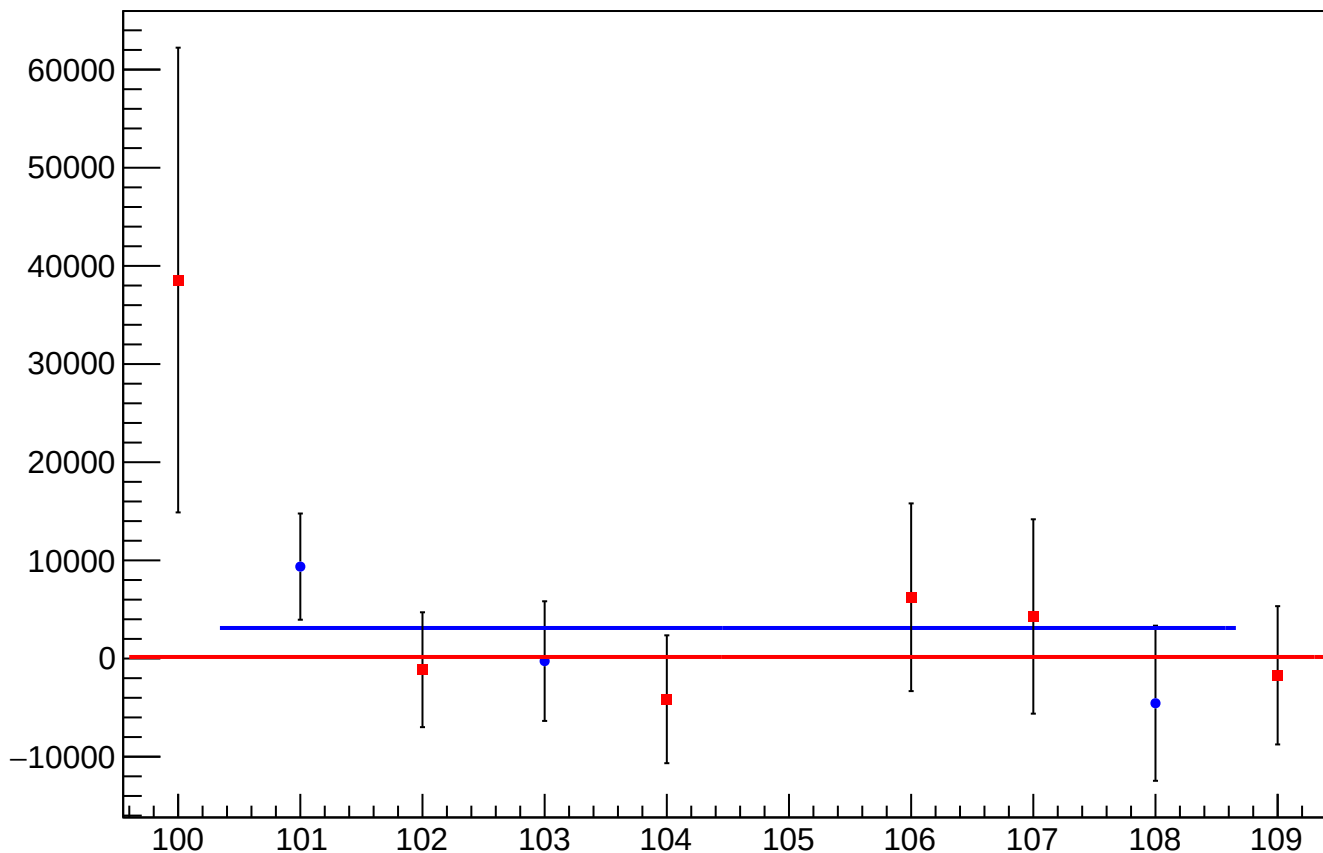
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4816.049 $\pm$ 1.706 χ^2 /NDF: 36613.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_mean vs Slug



Right In: 3112.859+/-3601.172 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.594+/-3229.765 χ^2/NDF : 3.8/5

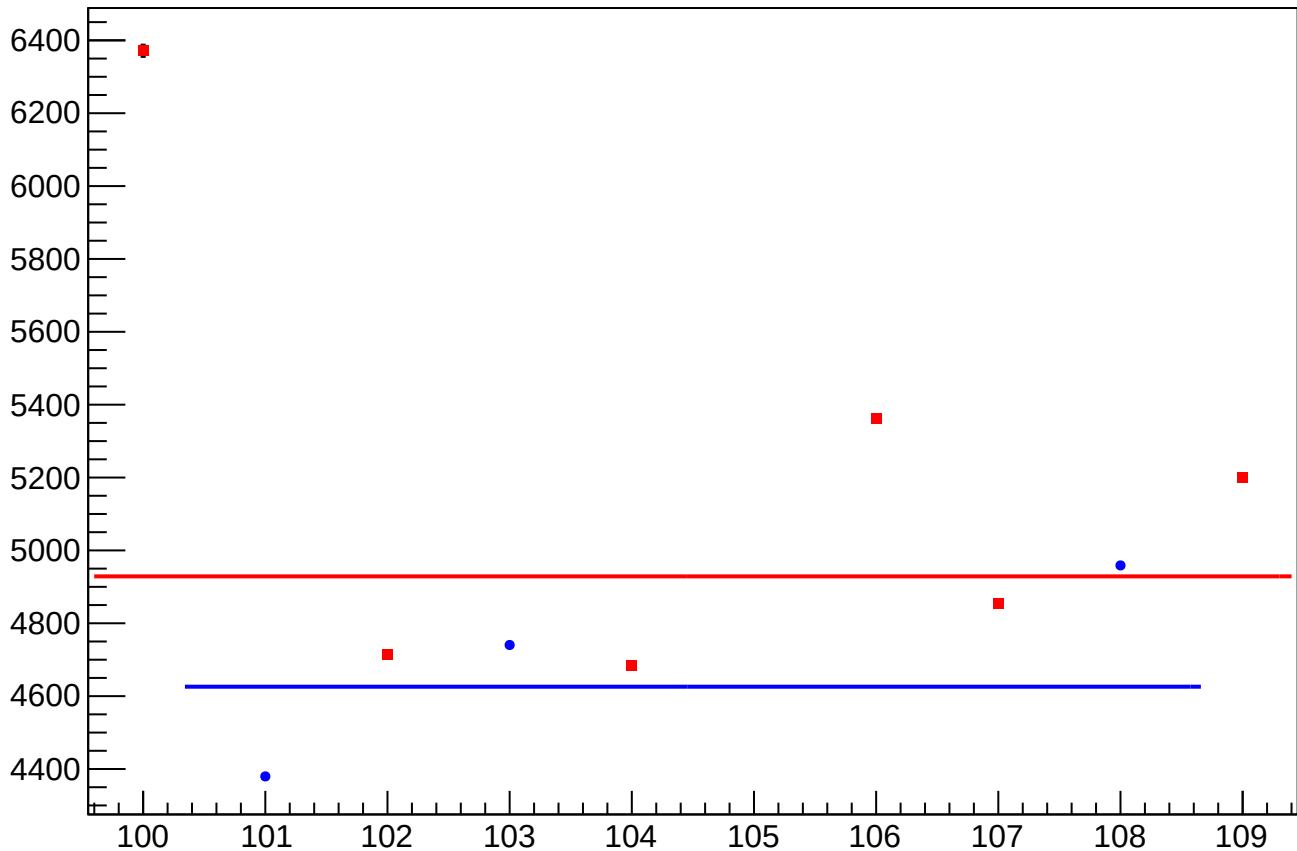
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.127+/-2404.410 χ^2/NDF : 6.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_rms vs Slug



Right In: 4625.928+/-2.546 χ^2/NDF : 8398.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4928.766+/-2.284 χ^2/NDF : 20129.0/5

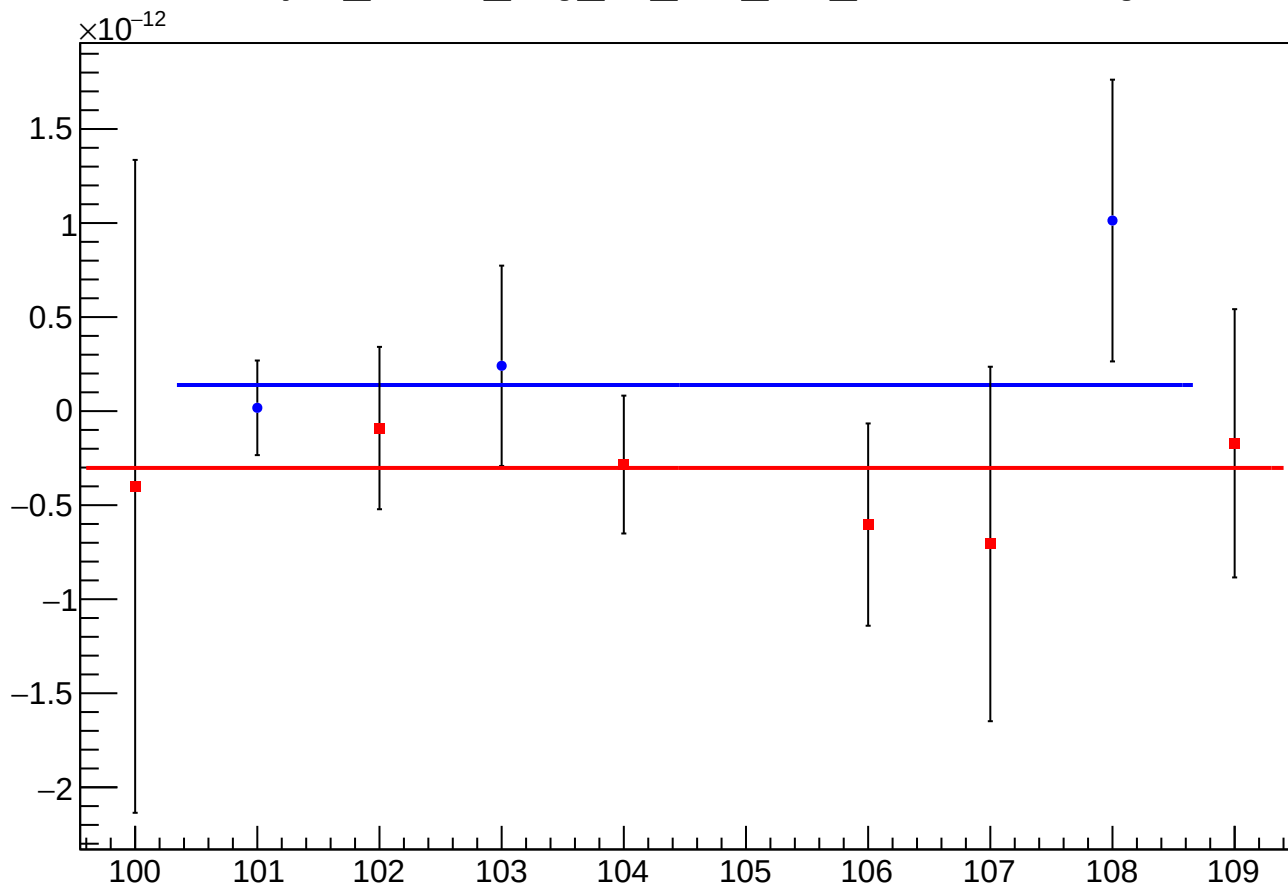
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4793.764+/-1.700 χ^2/NDF : 36366.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/5

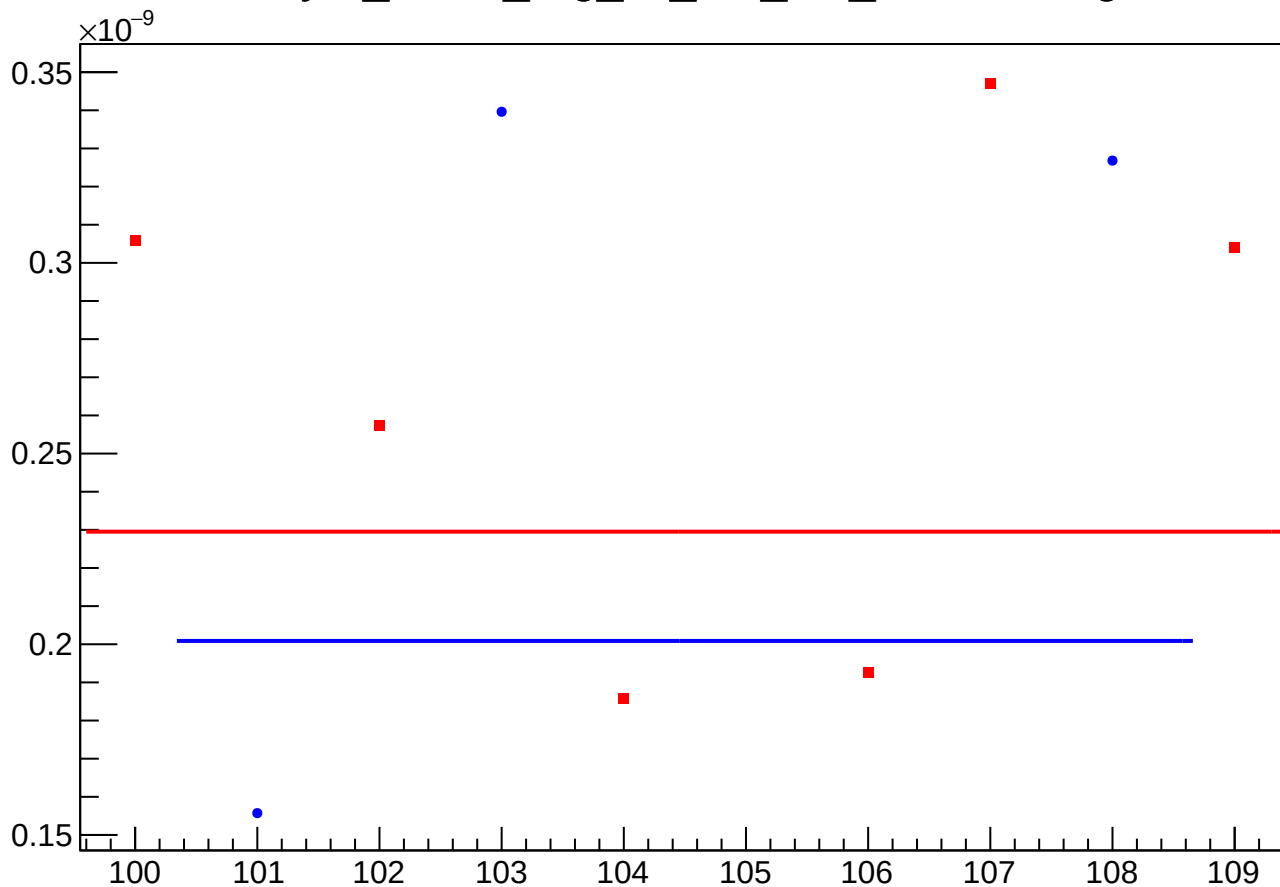
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 256769.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 102928.8/5

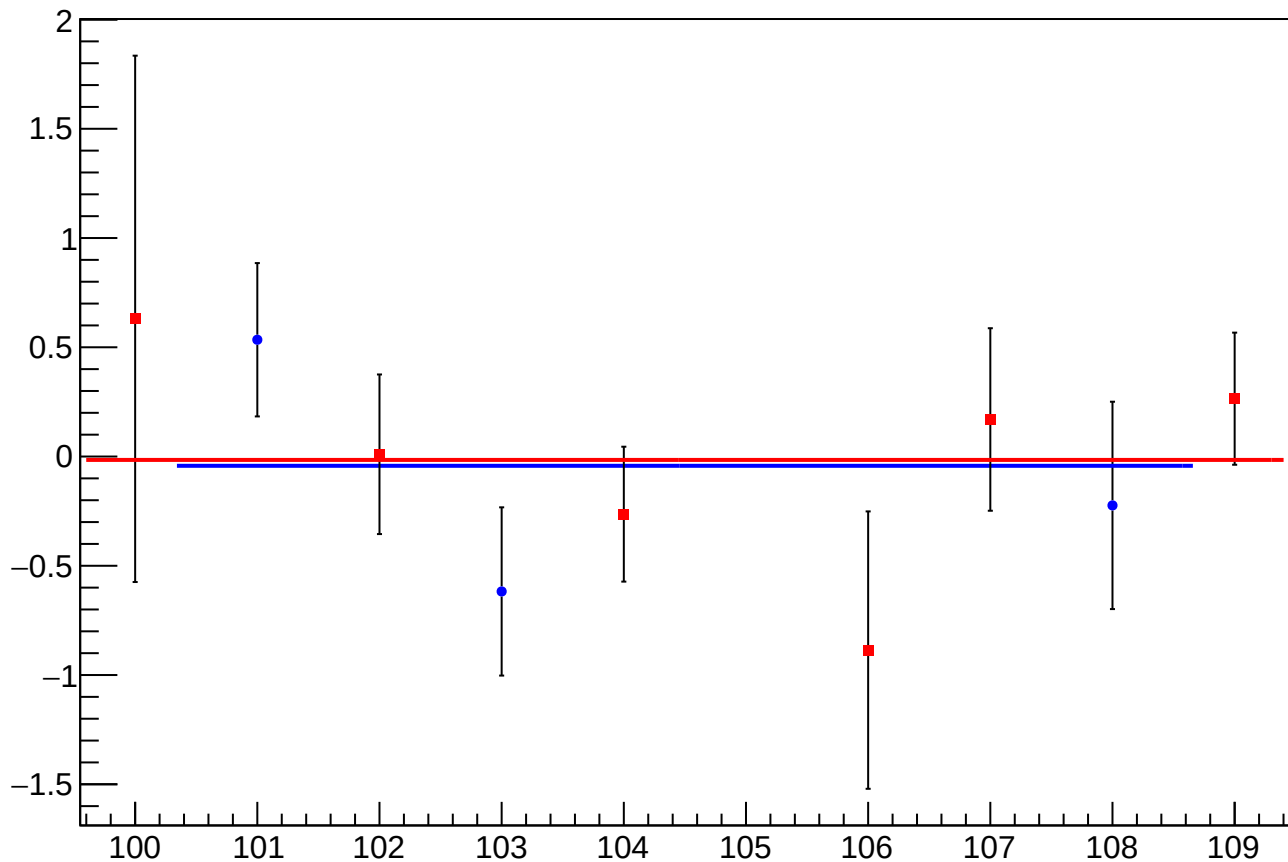
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 376432.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.042±/-0.228 χ^2 /NDF: 5.1/2

Left Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.016±/-0.163 χ^2 /NDF: 3.9/5

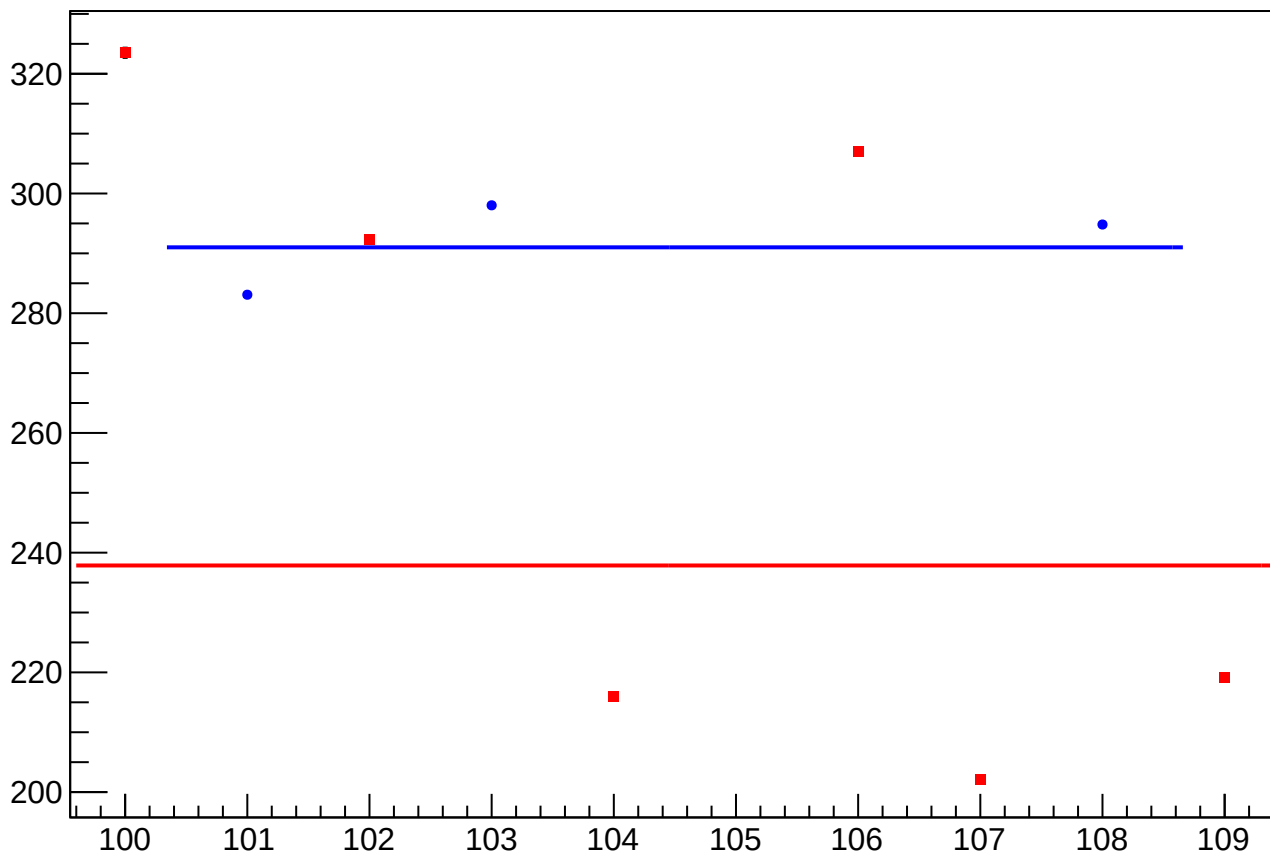
Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

All: -0.025±/-0.132 χ^2 /NDF: 9.0/8

- sign 0.000±/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 291.007 $\pm$ 0.161 χ^2 /NDF: 1811.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 237.859 $\pm$ 0.115 χ^2 /NDF: 110512.4/5

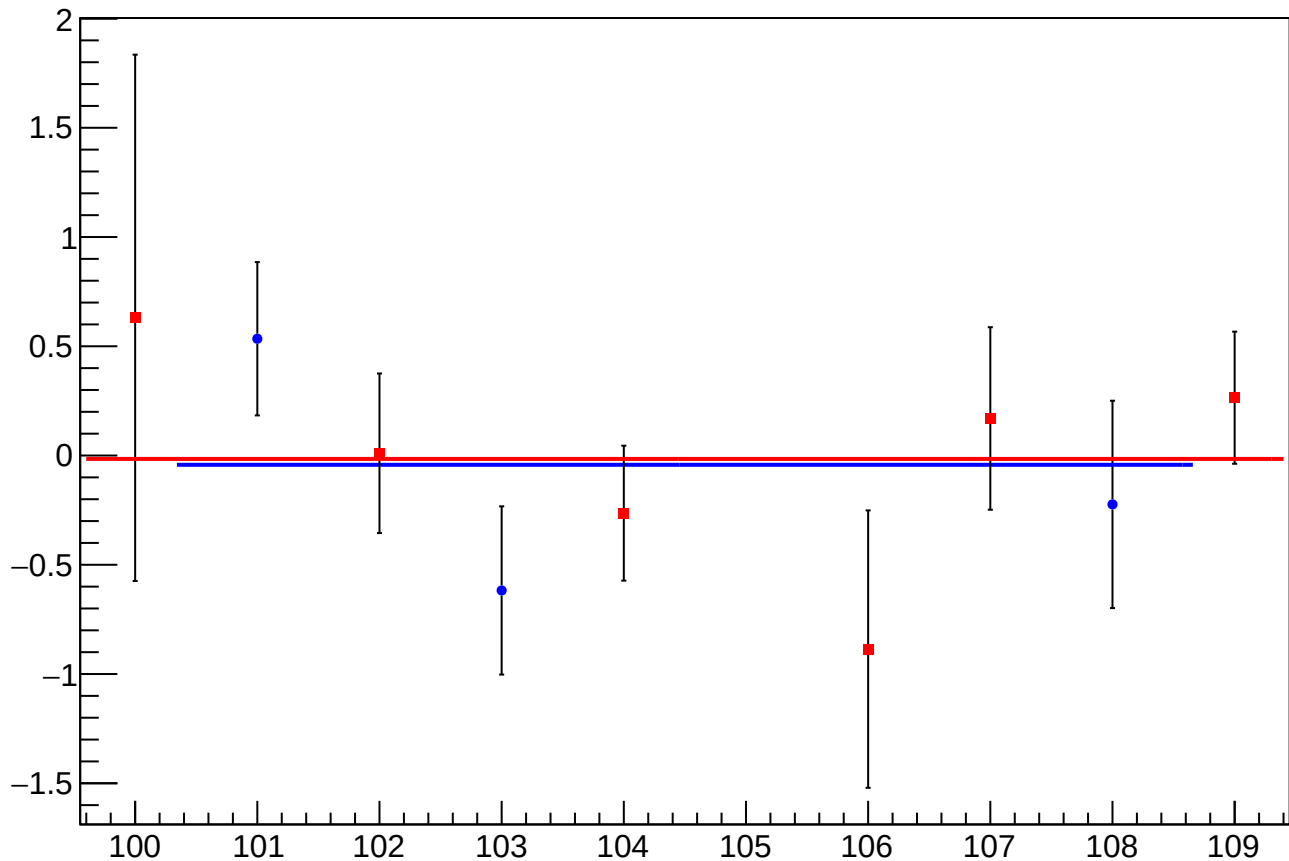
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.818 $\pm$ 0.094 χ^2 /NDF: 184547.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.042 ± 0.228 χ^2/NDF : 5.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.163 χ^2/NDF : 3.9/5

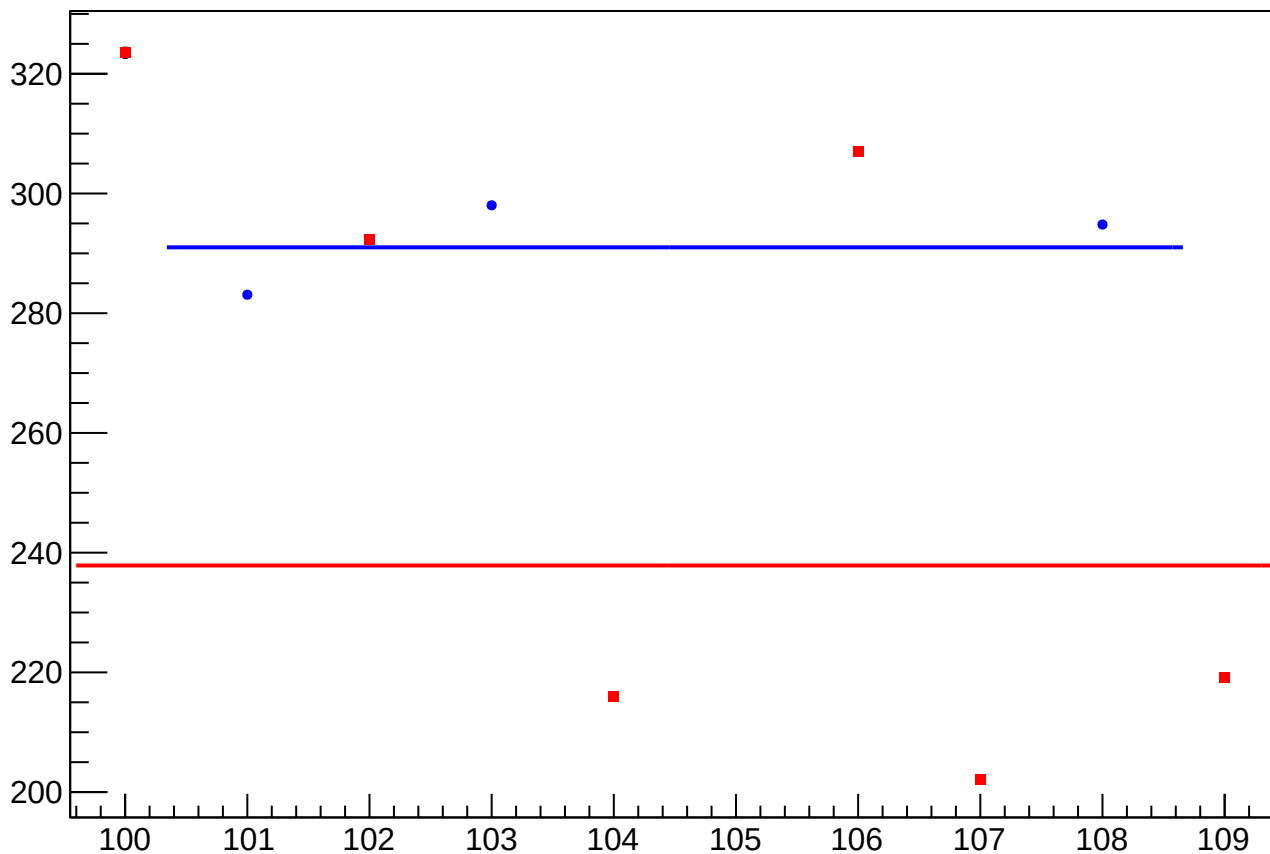
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.132 χ^2/NDF : 9.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 291.007 $\pm$ 0.161 χ^2 /NDF: 1811.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 237.859 $\pm$ 0.115 χ^2 /NDF: 110512.4/5

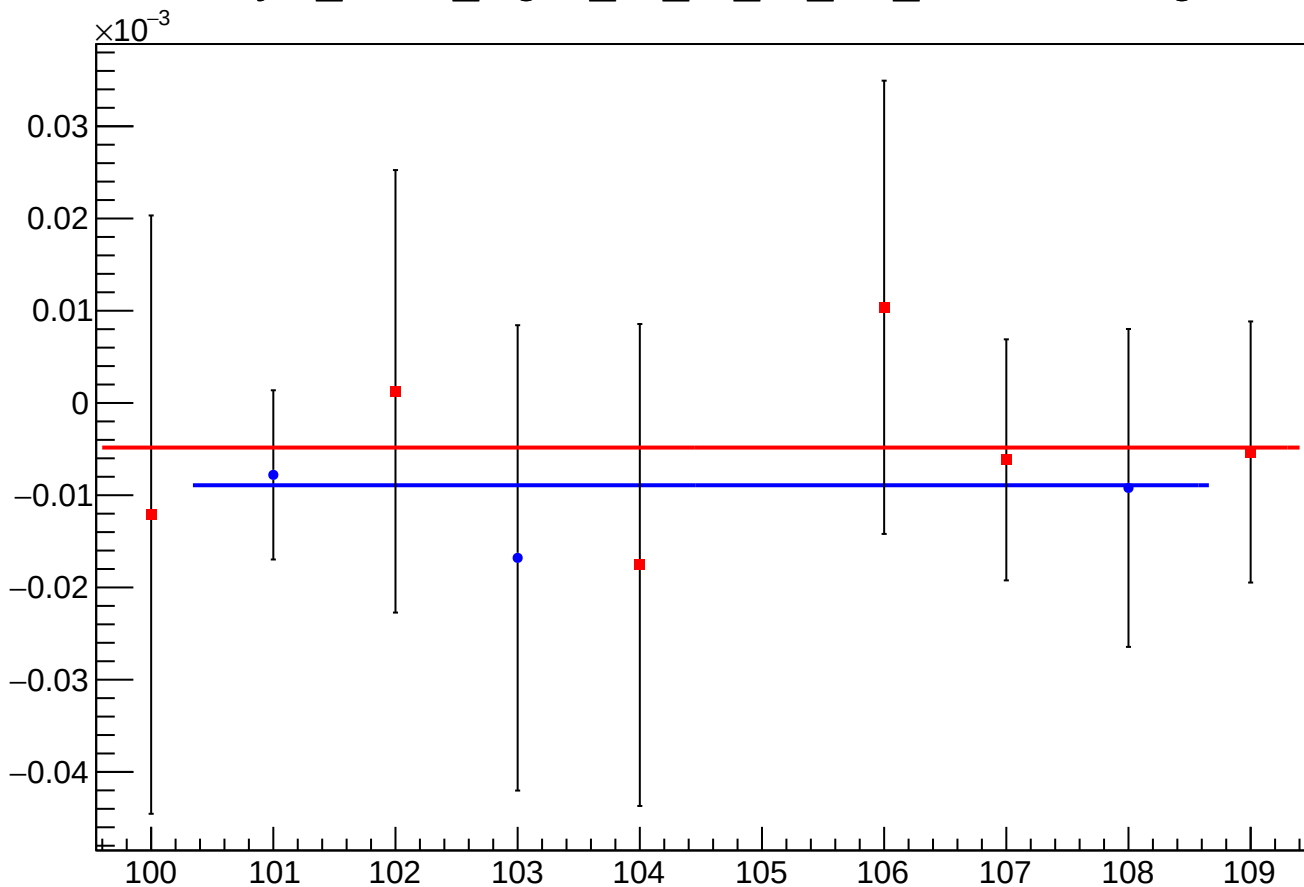
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.818 $\pm$ 0.094 χ^2 /NDF: 184547.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.7/5

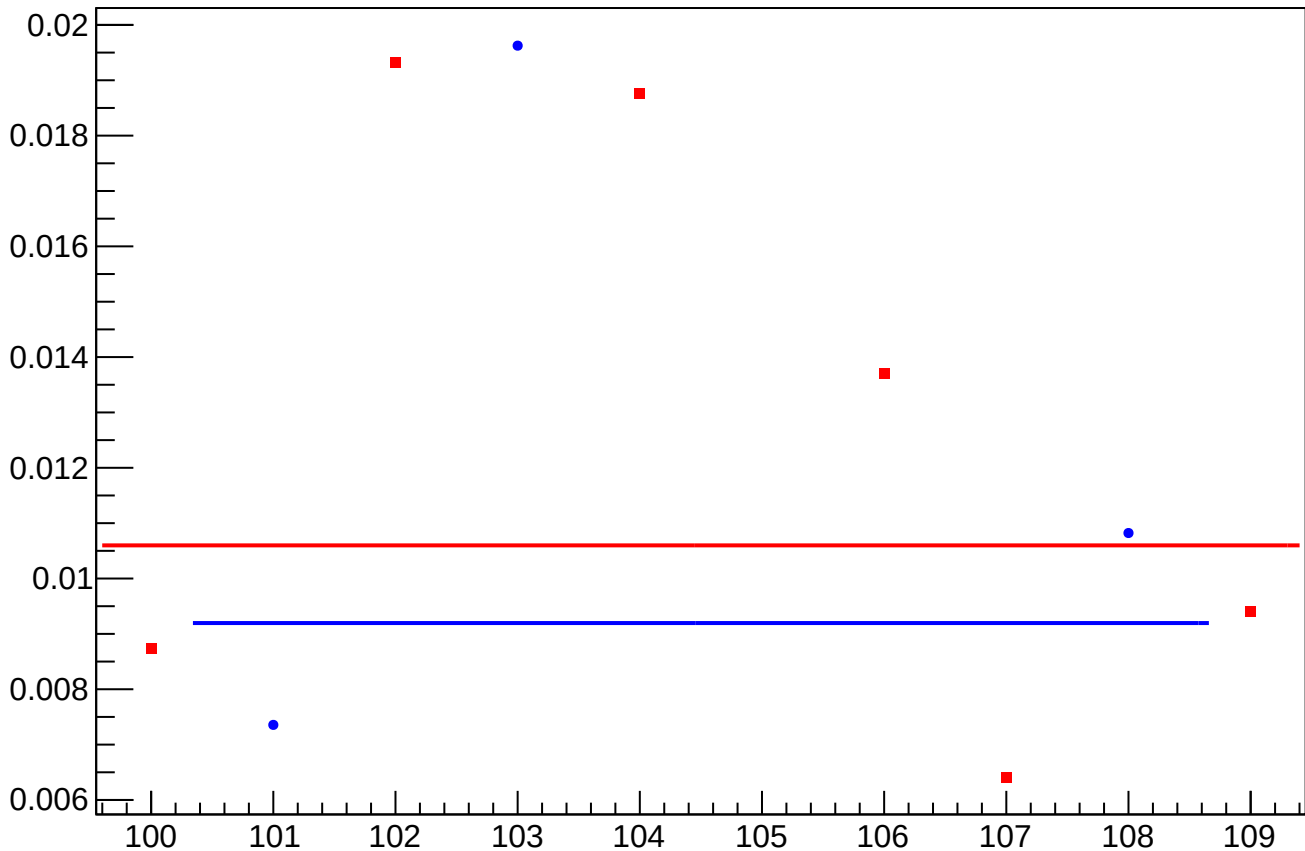
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 440127.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 717389.0/5

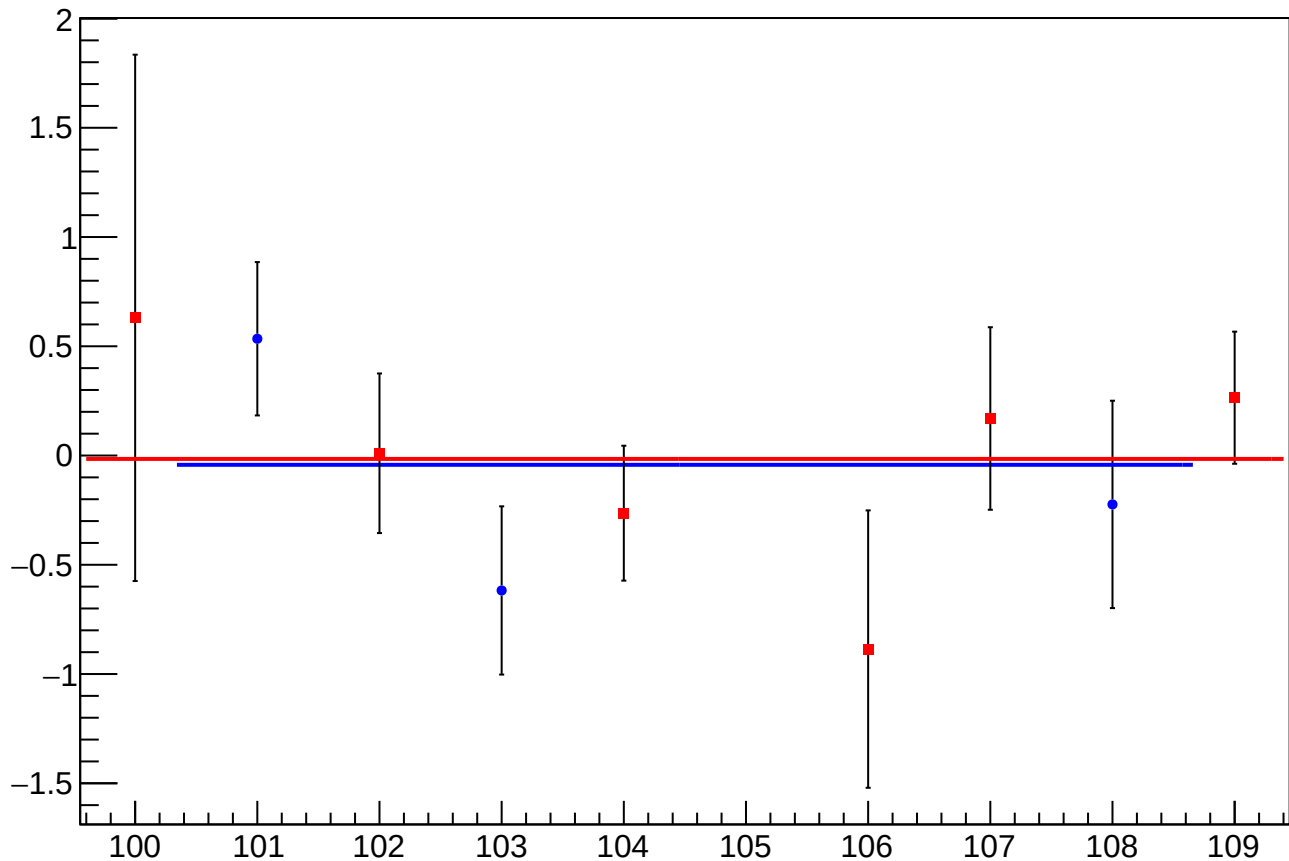
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 1190472.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.042 ± 0.228 χ^2/NDF : 5.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.016 ± 0.163 χ^2/NDF : 3.9/5

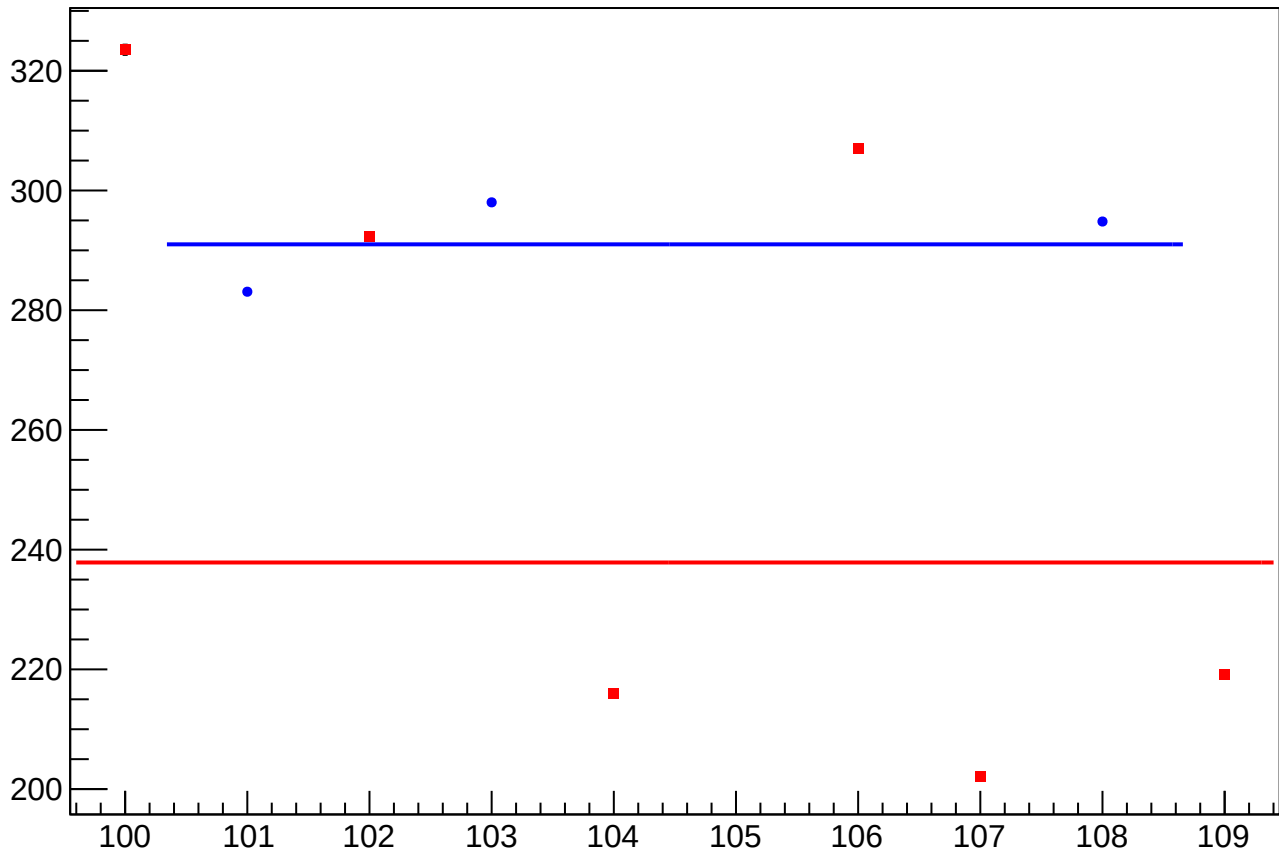
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.132 χ^2/NDF : 9.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 291.005 $\pm$ 0.161 χ^2 /NDF: 1810.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 237.856 $\pm$ 0.115 χ^2 /NDF: 110512.7/5

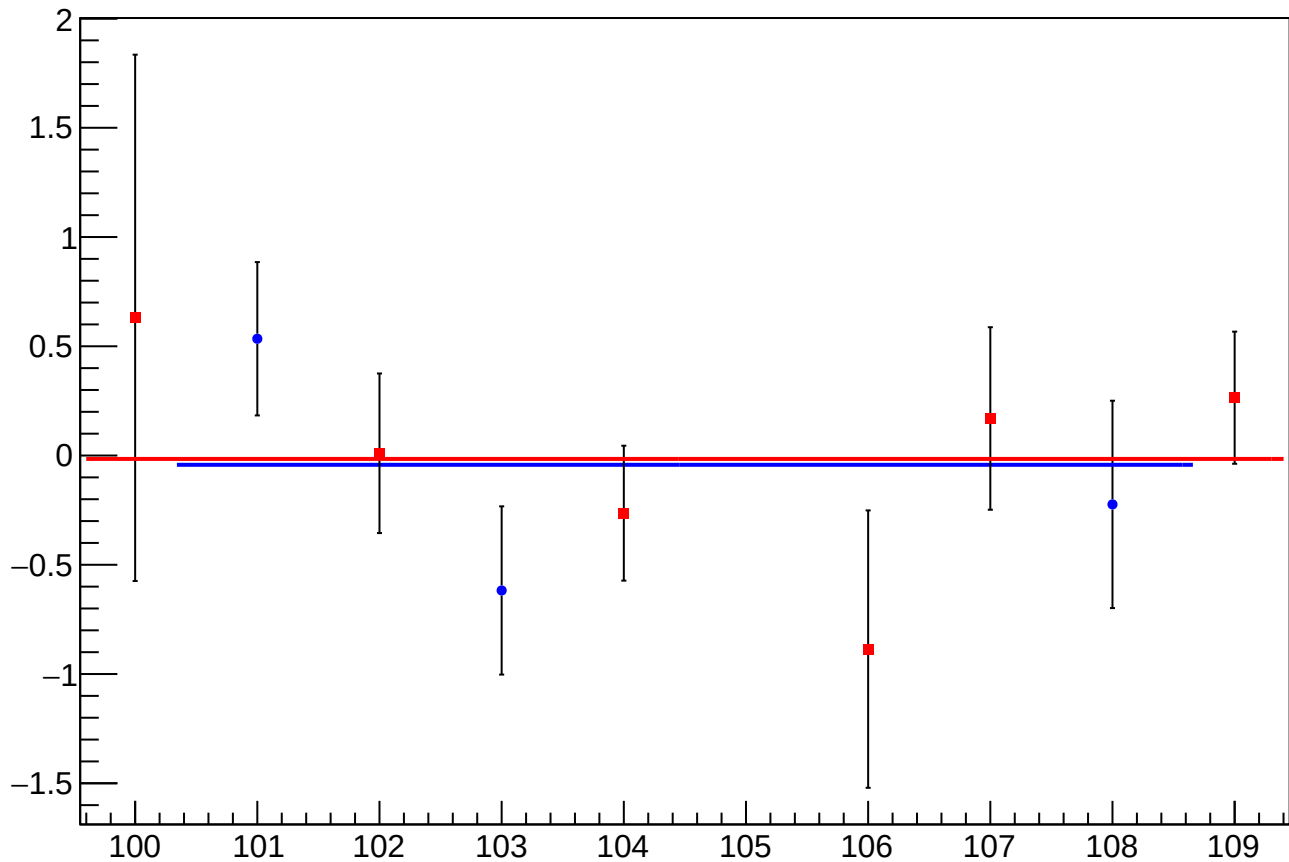
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.815 $\pm$ 0.094 χ^2 /NDF: 184551.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.042 ± 0.228 $\chi^2/\text{NDF}: 5.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.016 ± 0.163 $\chi^2/\text{NDF}: 3.9/5$

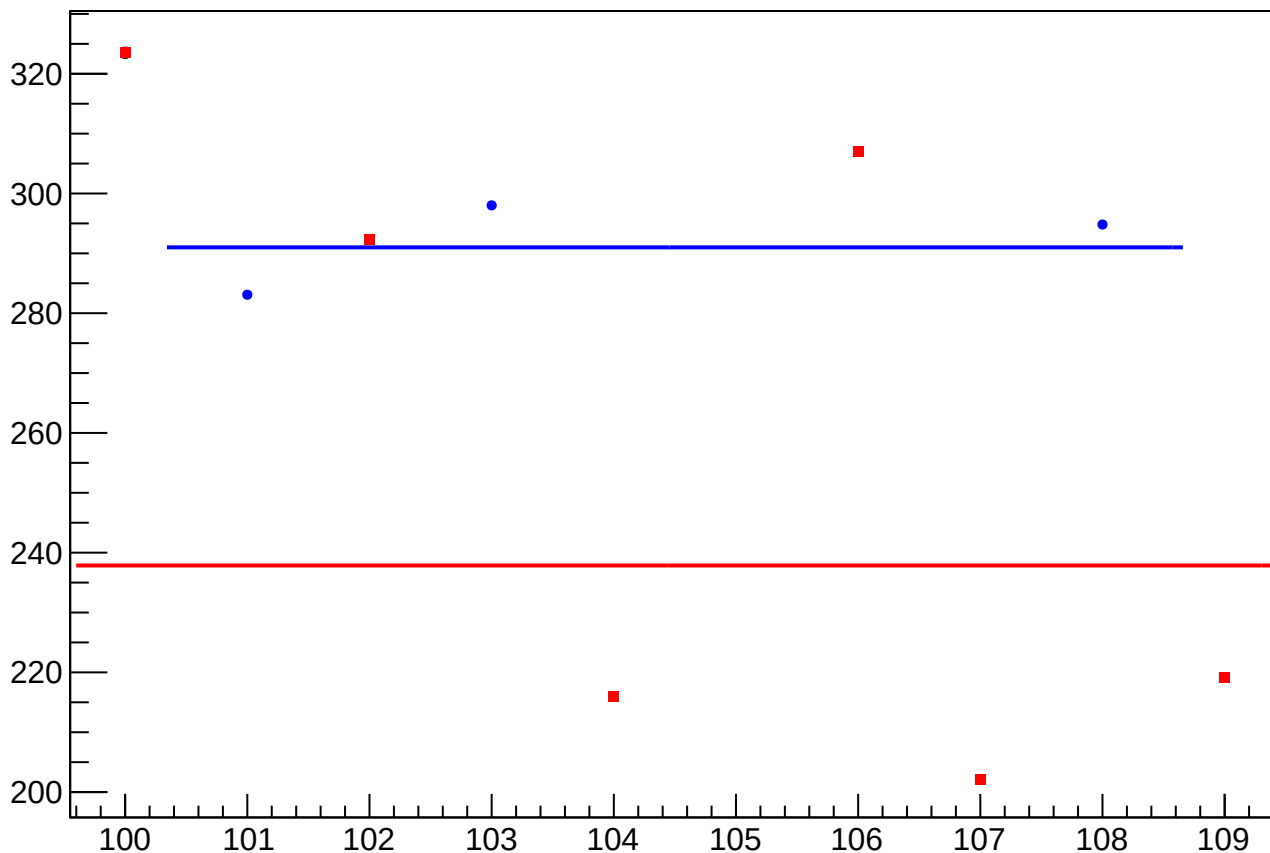
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.025 ± 0.132 $\chi^2/\text{NDF}: 9.0/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 291.005 $\pm$ 0.161 χ^2 /NDF: 1810.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 237.856 $\pm$ 0.115 χ^2 /NDF: 110512.7/5

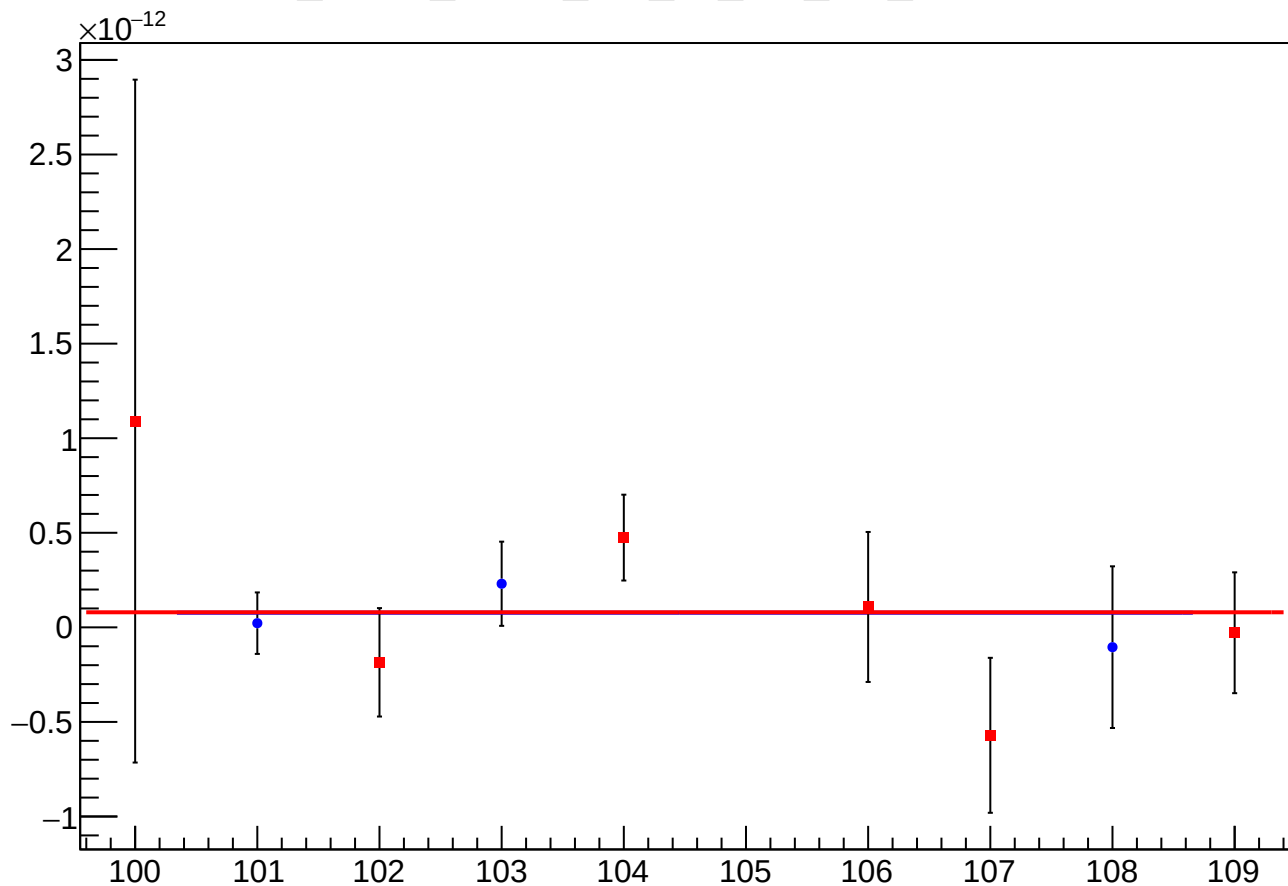
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.815 $\pm$ 0.094 χ^2 /NDF: 184551.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.8/5

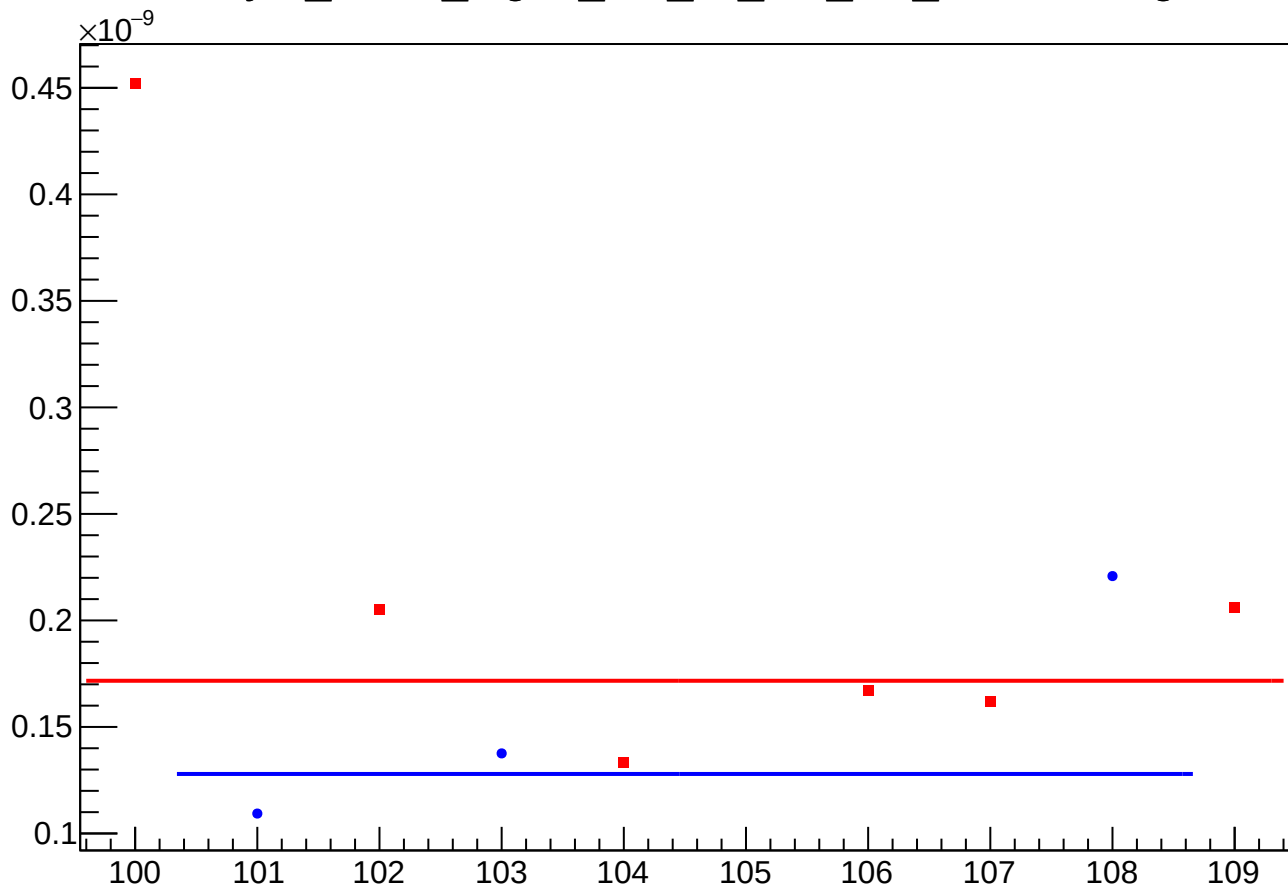
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 124364.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 156882.6/5

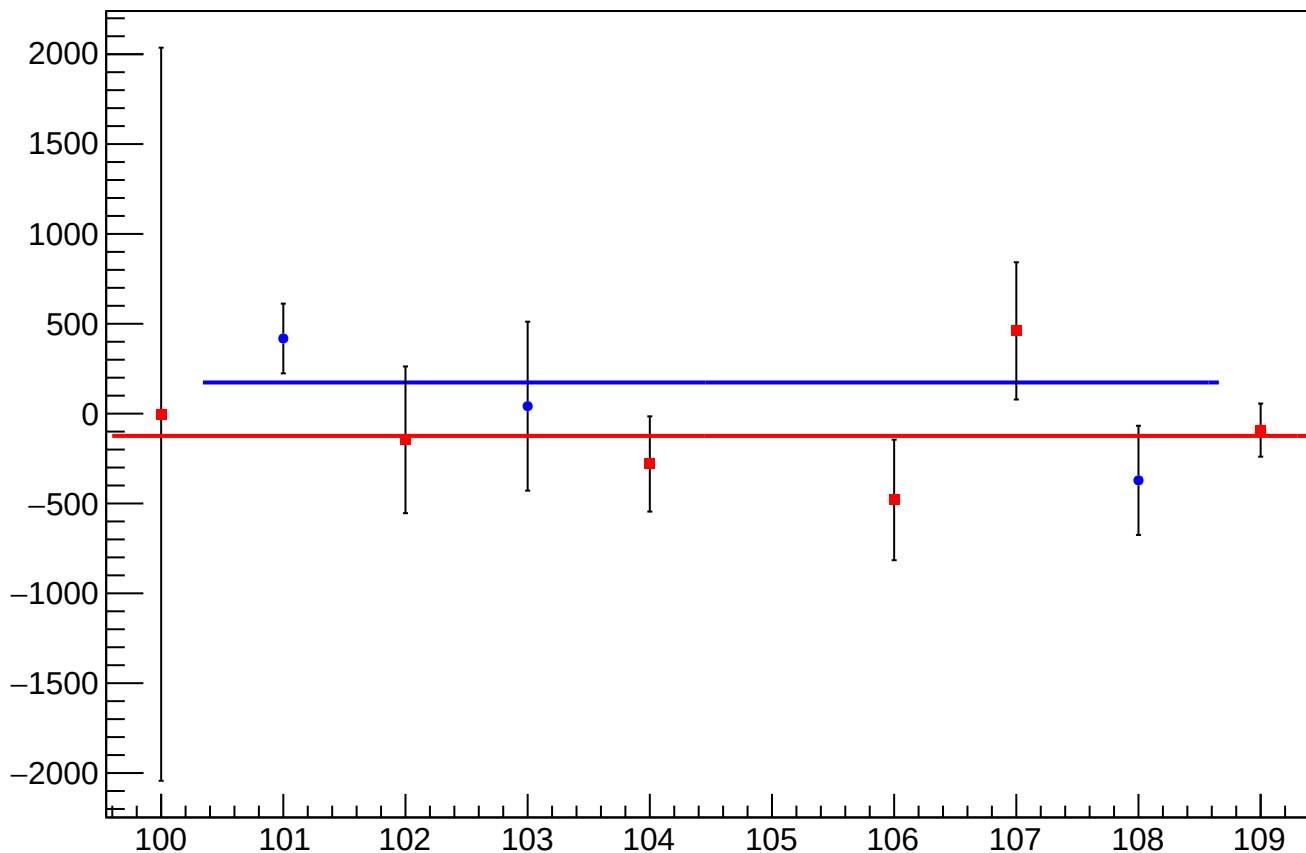
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 392967.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 173.339+/-154.486 χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -124.109+/-110.436 χ^2/NDF : 3.9/5

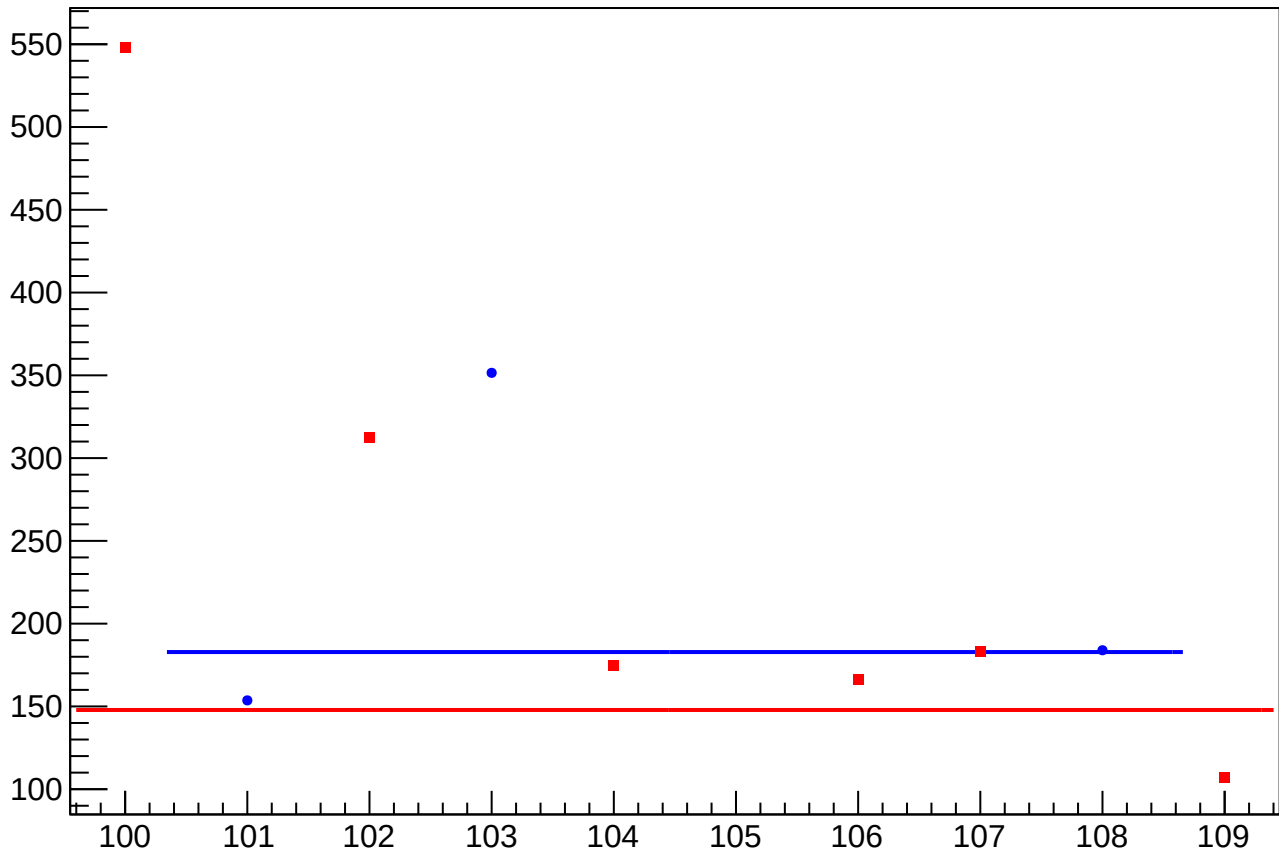
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.513+/-89.841 χ^2/NDF : 11.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 182.845 $\pm$ 0.109 χ^2 /NDF: 302685.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.847 $\pm$ 0.078 χ^2 /NDF: 598306.4/5

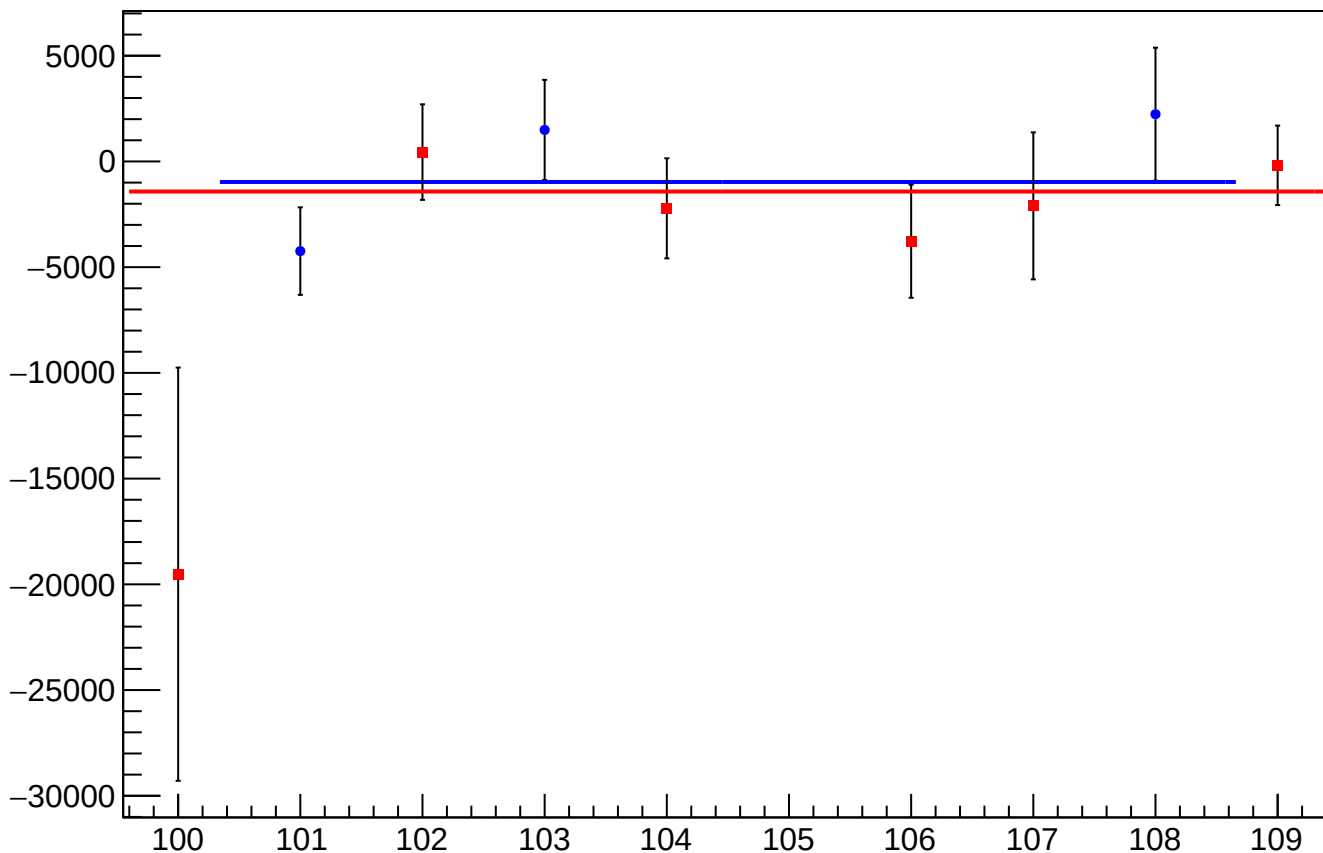
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.683 $\pm$ 0.064 χ^2 /NDF: 968926.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: -970.807+/-1396.892 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1422.515+/-1059.636 χ^2/NDF : 5.5/5

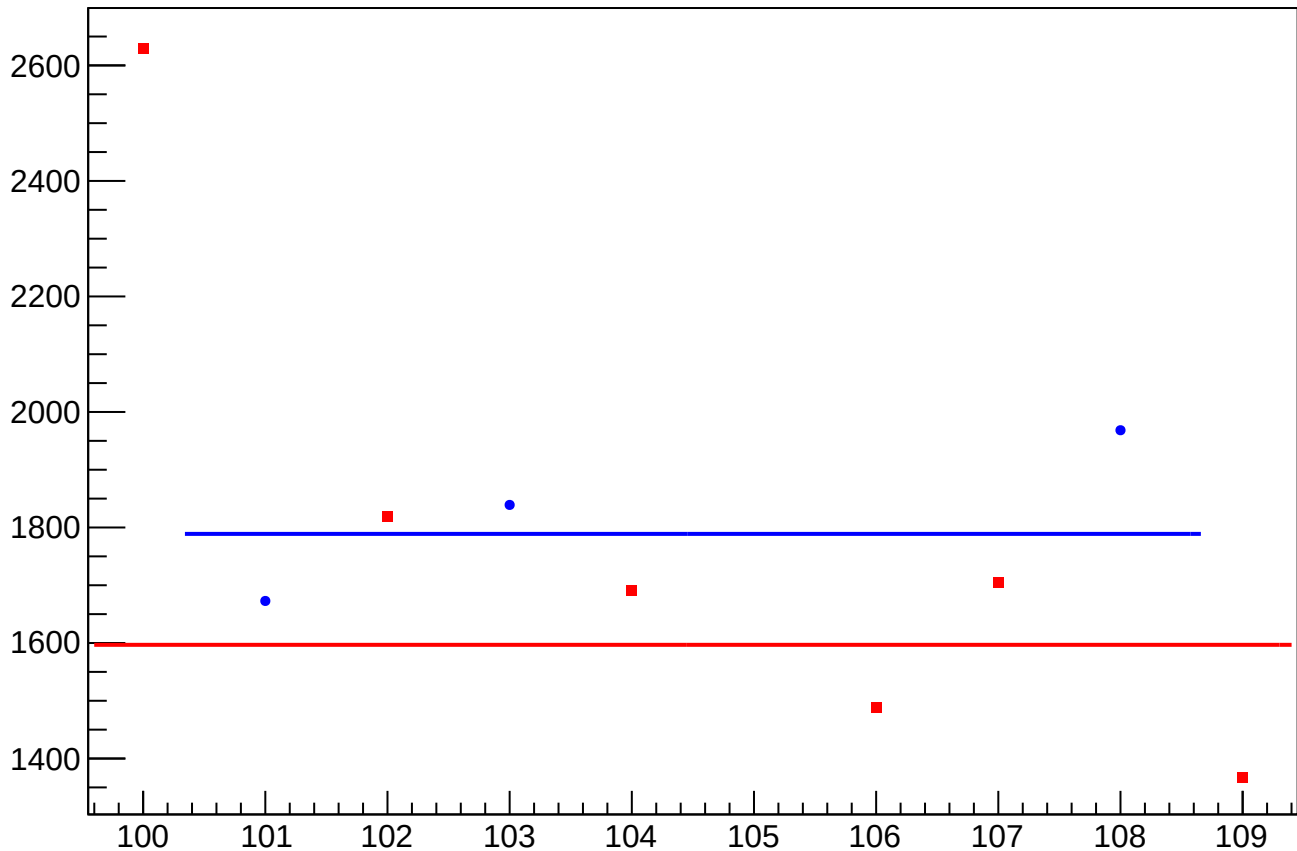
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1257.528+/-844.225 χ^2/NDF : 10.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_rms vs Slug



Right In: 1788.926+/-0.988 χ^2/NDF : 13695.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.852+/-0.749 χ^2/NDF : 79763.9/5

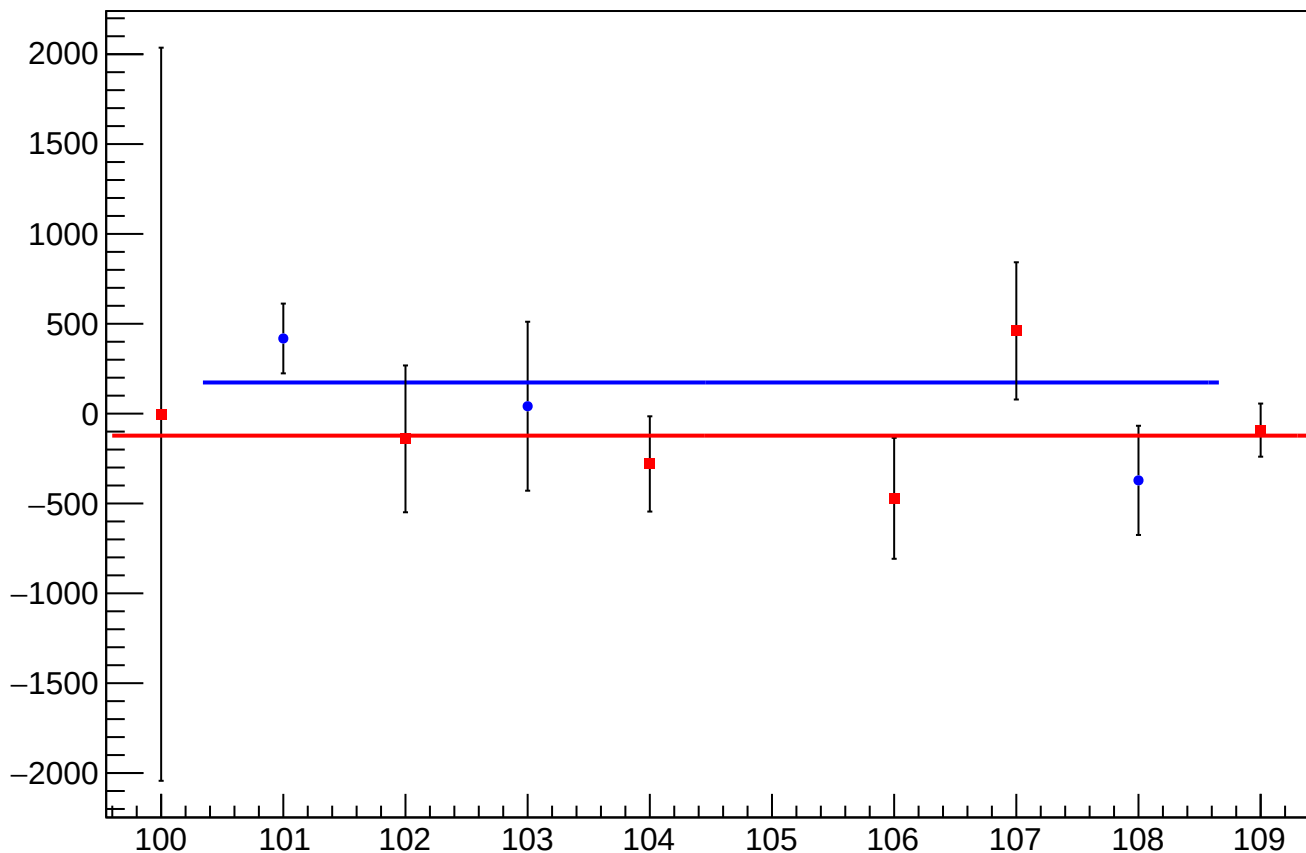
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.007+/-0.597 χ^2/NDF : 117461.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_mean vs Slug



Right In: 173.287 ± 154.486 χ^2/NDF : 4.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -122.493 ± 110.478 χ^2/NDF : 3.8/5

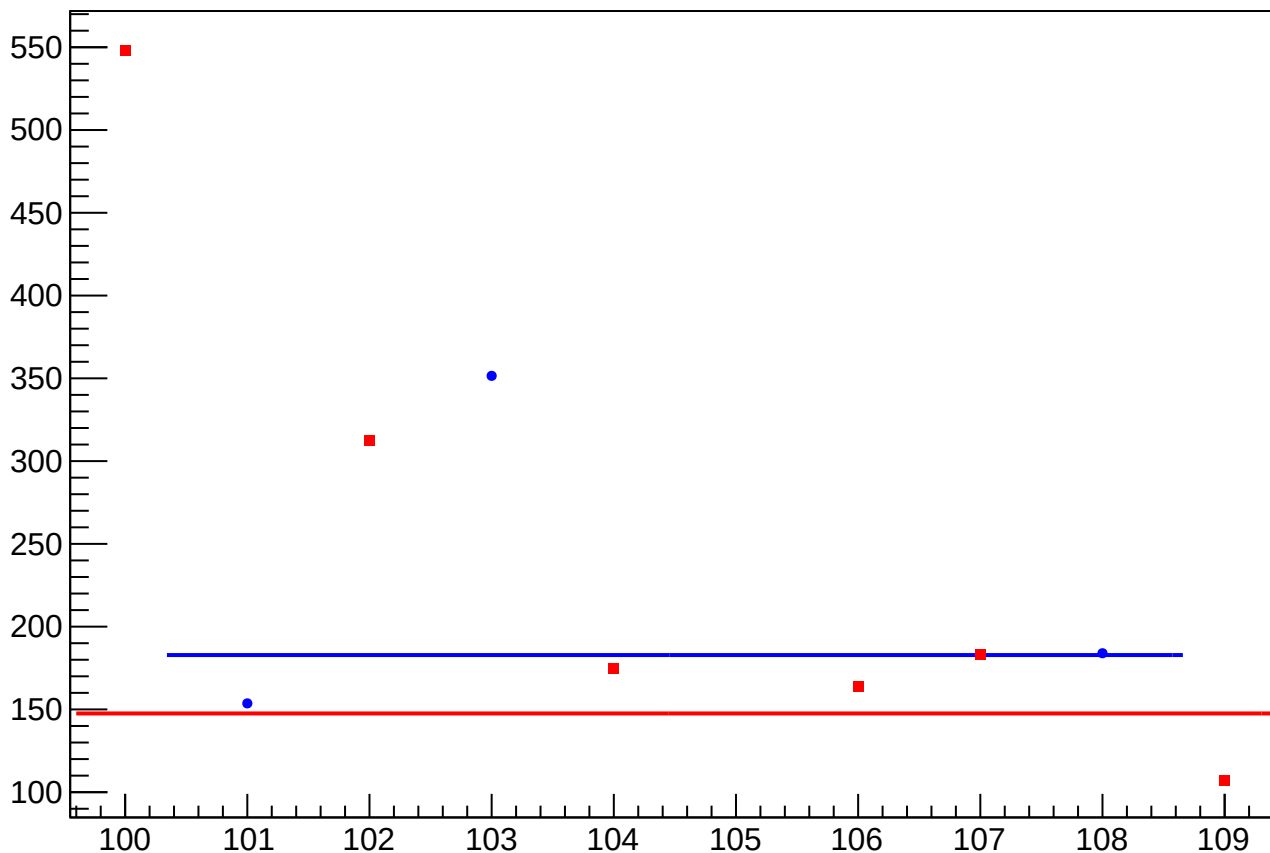
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.411 ± 89.863 χ^2/NDF : 11.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 182.845 $\pm$ 0.109 χ^2 /NDF: 302688.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.568 $\pm$ 0.078 χ^2 /NDF: 596929.7/5

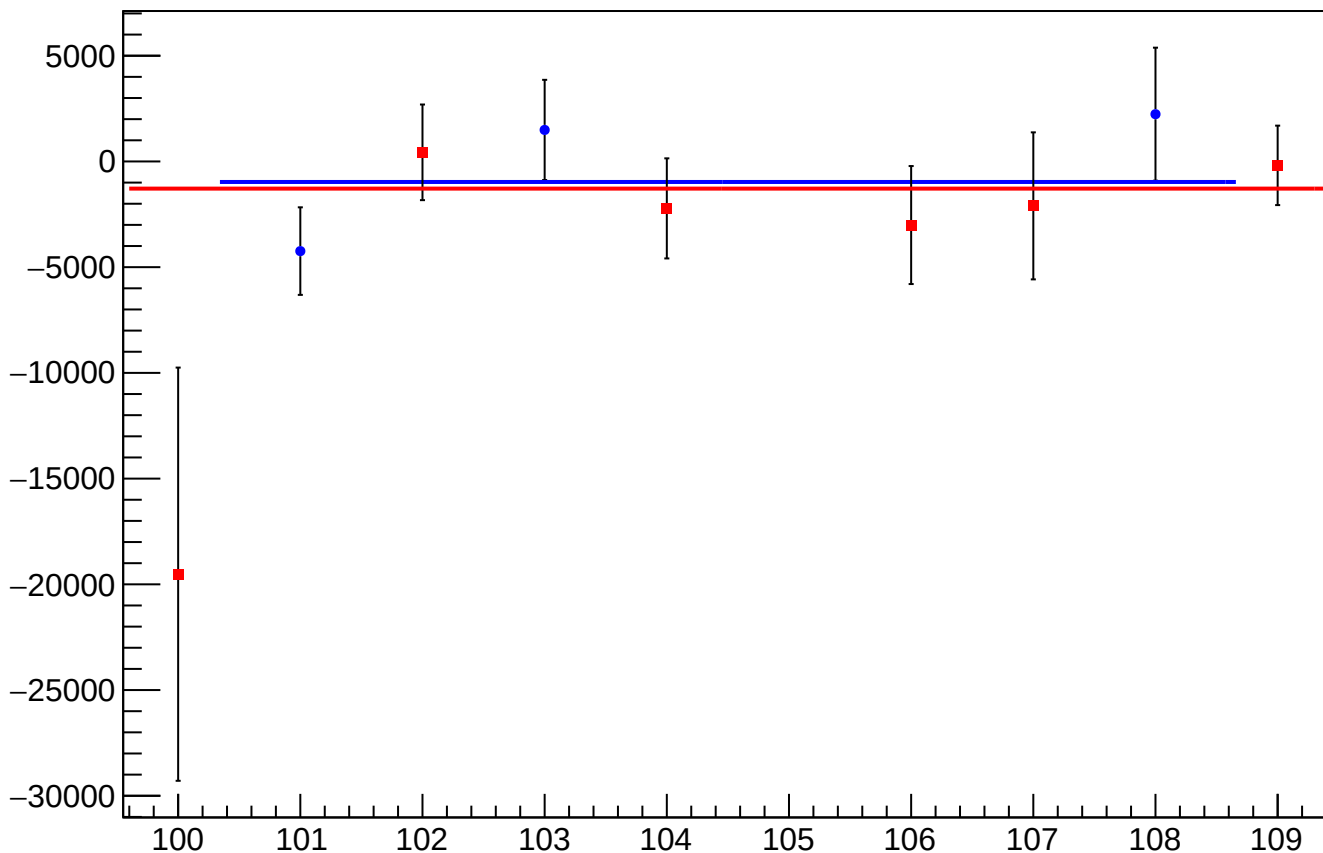
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.505 $\pm$ 0.064 χ^2 /NDF: 968619.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_mean vs Slug



Right In: -970.772+/-1396.946 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.589+/-1066.630 χ^2/NDF : 5.0/5

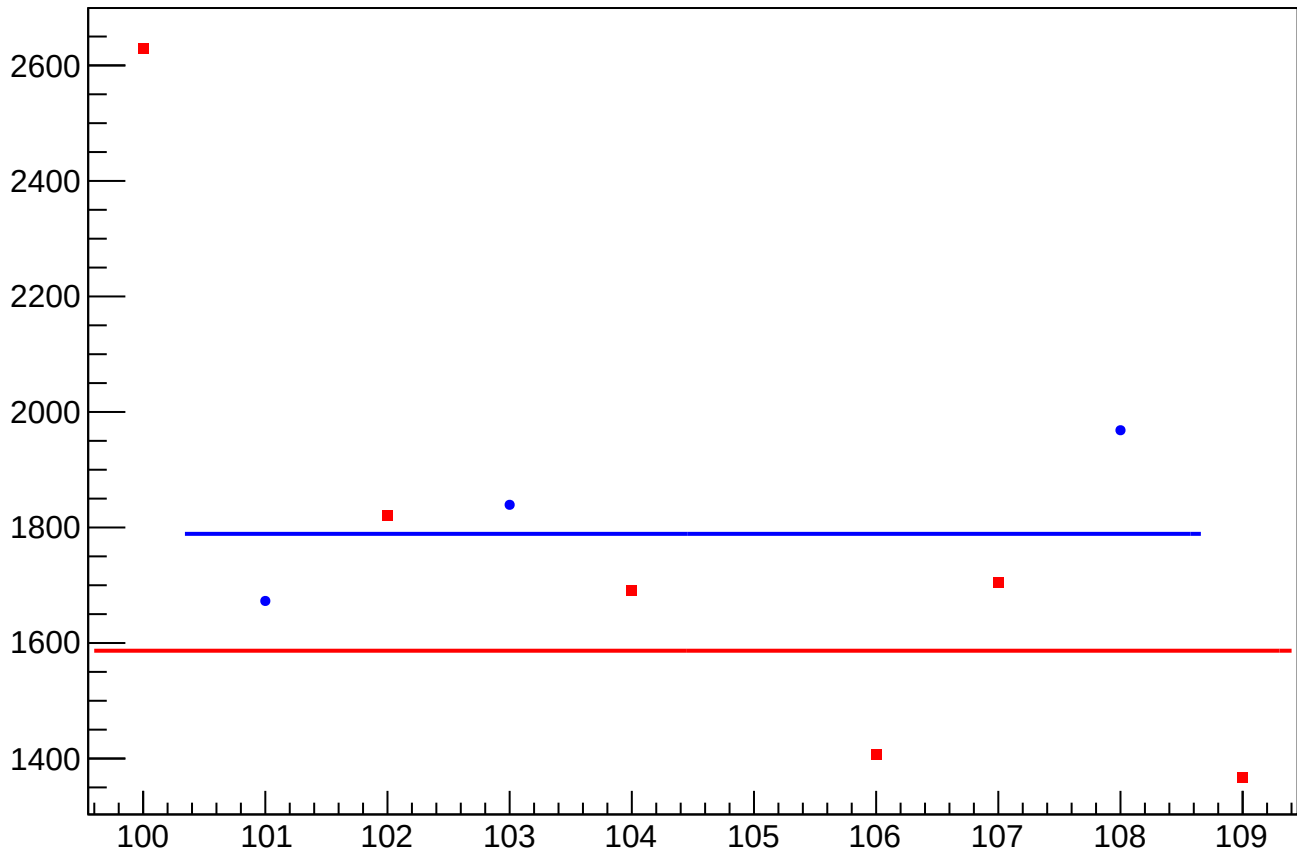
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1169.014+/-847.761 χ^2/NDF : 9.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_cor_correction_rms vs Slug



Right In: 1788.990+/-0.988 χ^2/NDF : 13701.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.660+/-0.754 χ^2/NDF : 85787.3/5

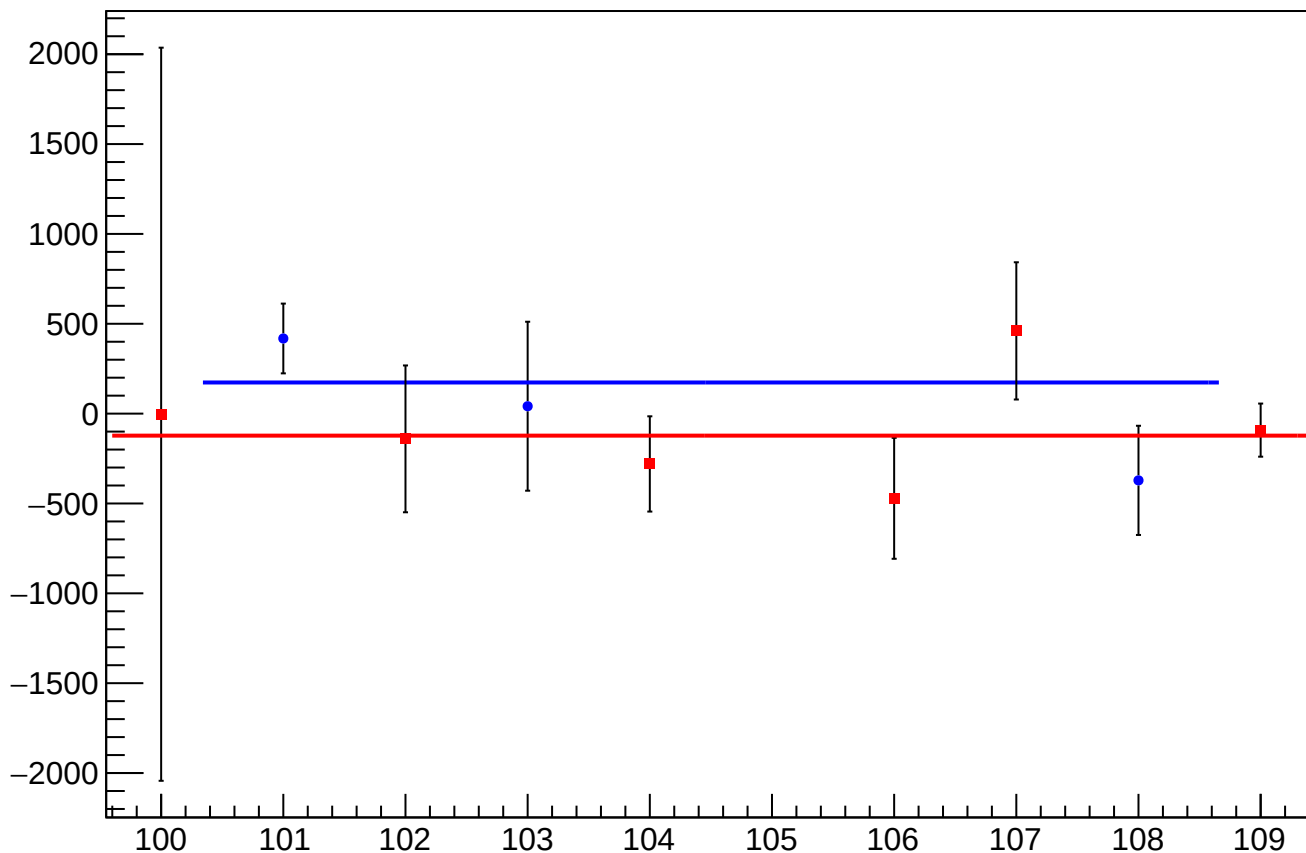
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.176+/-0.599 χ^2/NDF : 125993.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam3_mean vs Slug



Right In: 173.287 $\pm$ 154.486 χ^2 /NDF: 4.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -122.493 $\pm$ 110.478 χ^2 /NDF: 3.8/5

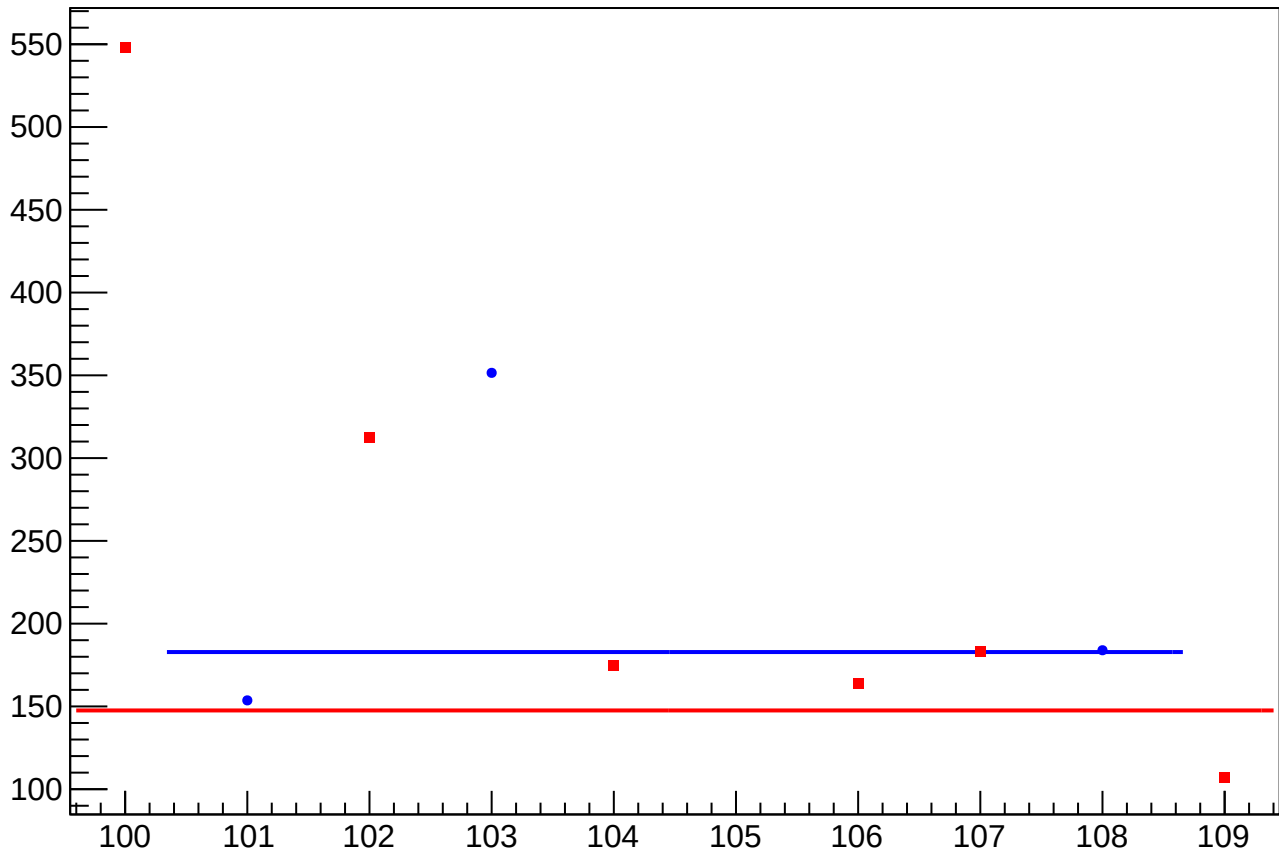
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.411 $\pm$ 89.863 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 182.845 $\pm$ 0.109 χ^2 /NDF: 302688.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 147.568 $\pm$ 0.078 χ^2 /NDF: 596929.7/5

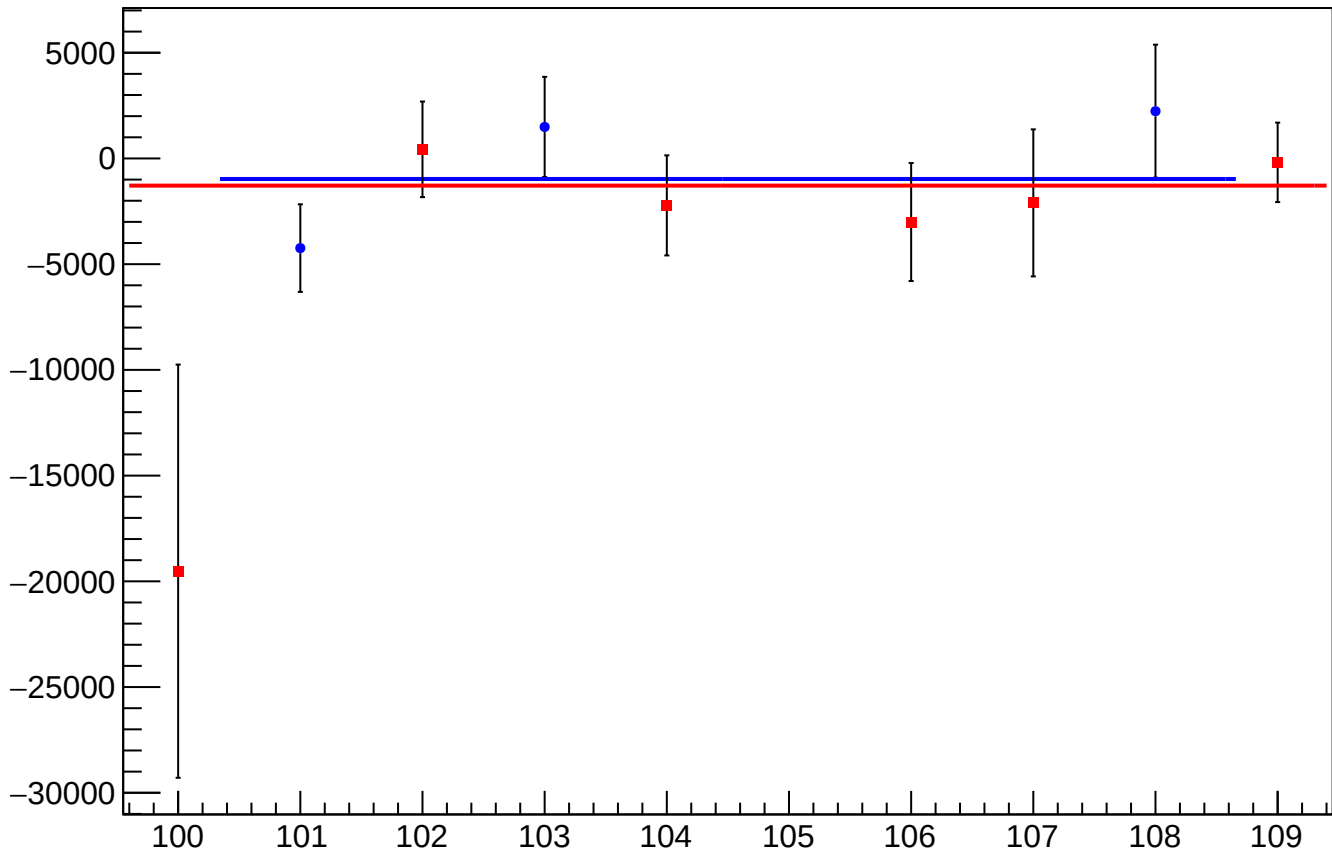
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.505 $\pm$ 0.064 χ^2 /NDF: 968619.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_cor_correction_mean vs Slug



Right In: -970.772+/-1396.946 χ^2/NDF : 4.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1284.589+/-1066.630 χ^2/NDF : 5.0/5

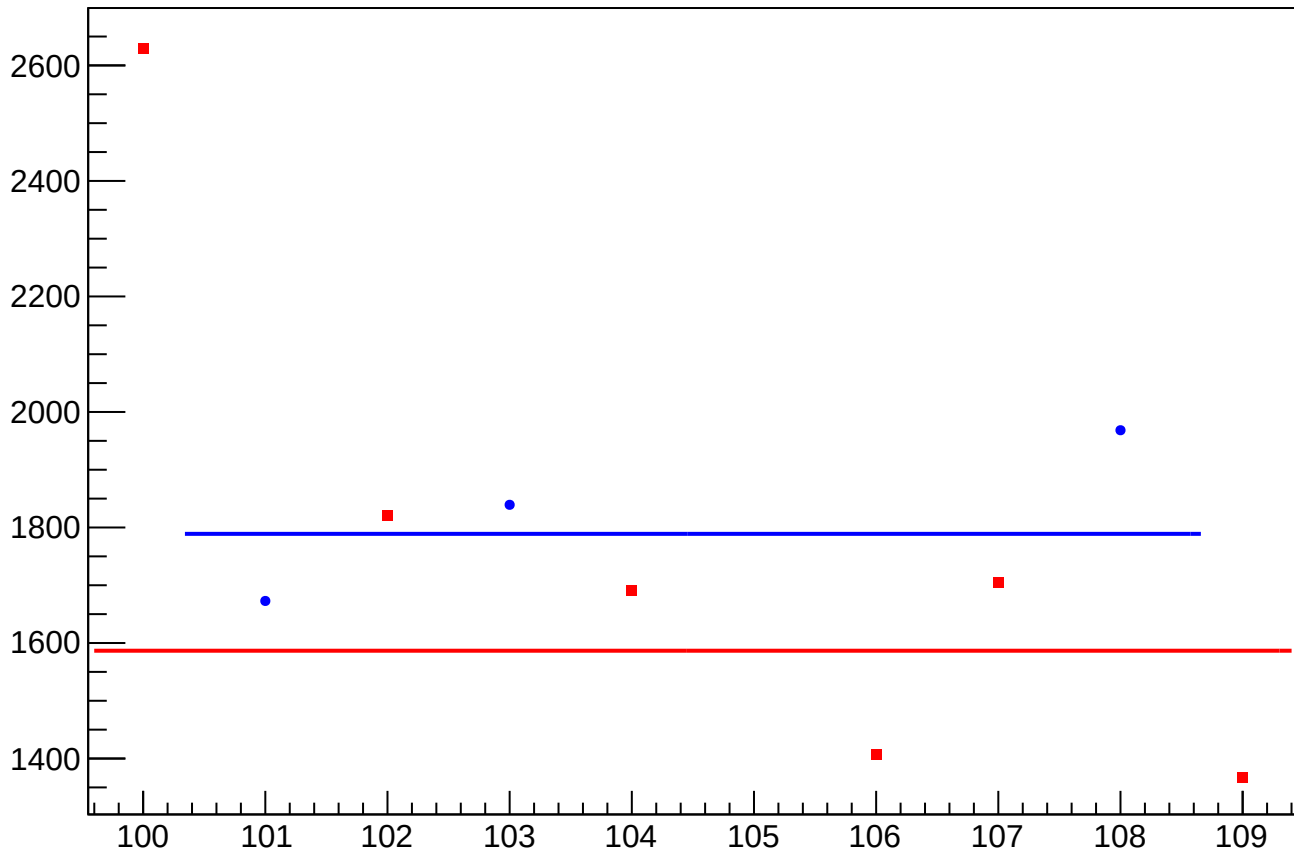
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1169.014+/-847.761 χ^2/NDF : 9.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



Right In: 1788.990+/-0.988 χ^2/NDF : 13701.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1586.660+/-0.754 χ^2/NDF : 85787.3/5

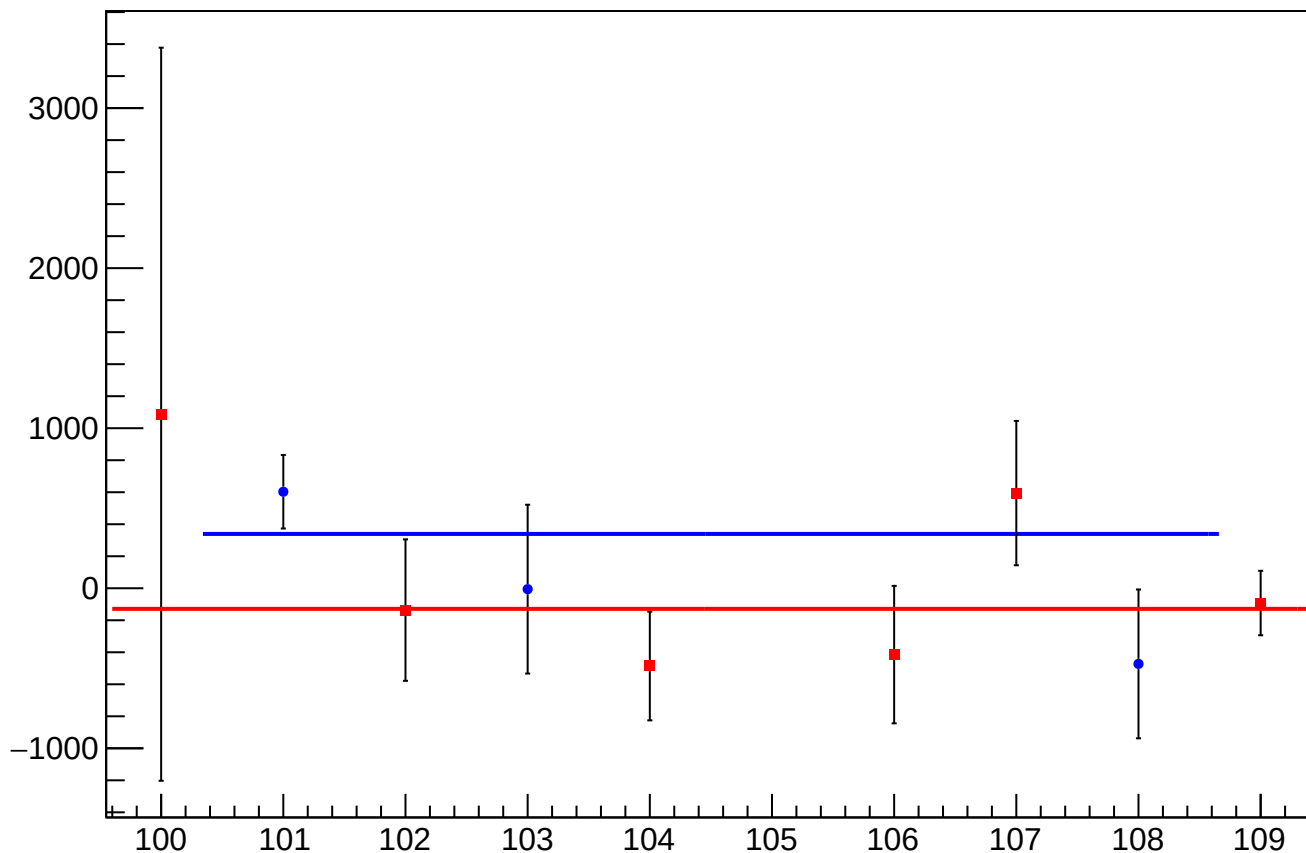
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.176+/-0.599 χ^2/NDF : 125993.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_mean vs Slug



Right In: 339.399 $\pm$ 191.835 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -128.623 $\pm$ 142.910 χ^2 /NDF: 4.4/5

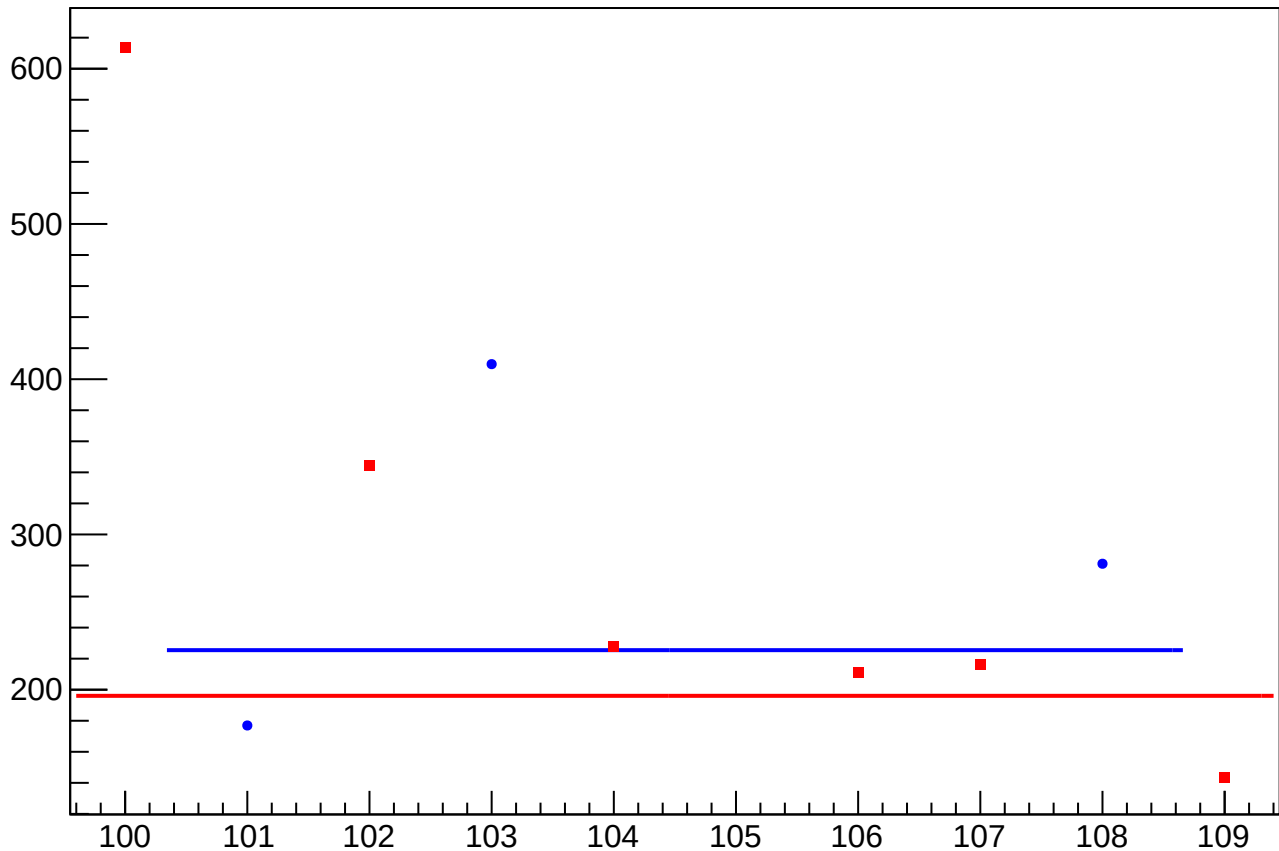
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.414 $\pm$ 114.604 χ^2 /NDF: 13.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam3_rms vs Slug



Right In: 225.473 $\pm$ 0.136 χ^2 /NDF: 361924.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 196.054 $\pm$ 0.101 χ^2 /NDF: 453133.2/5

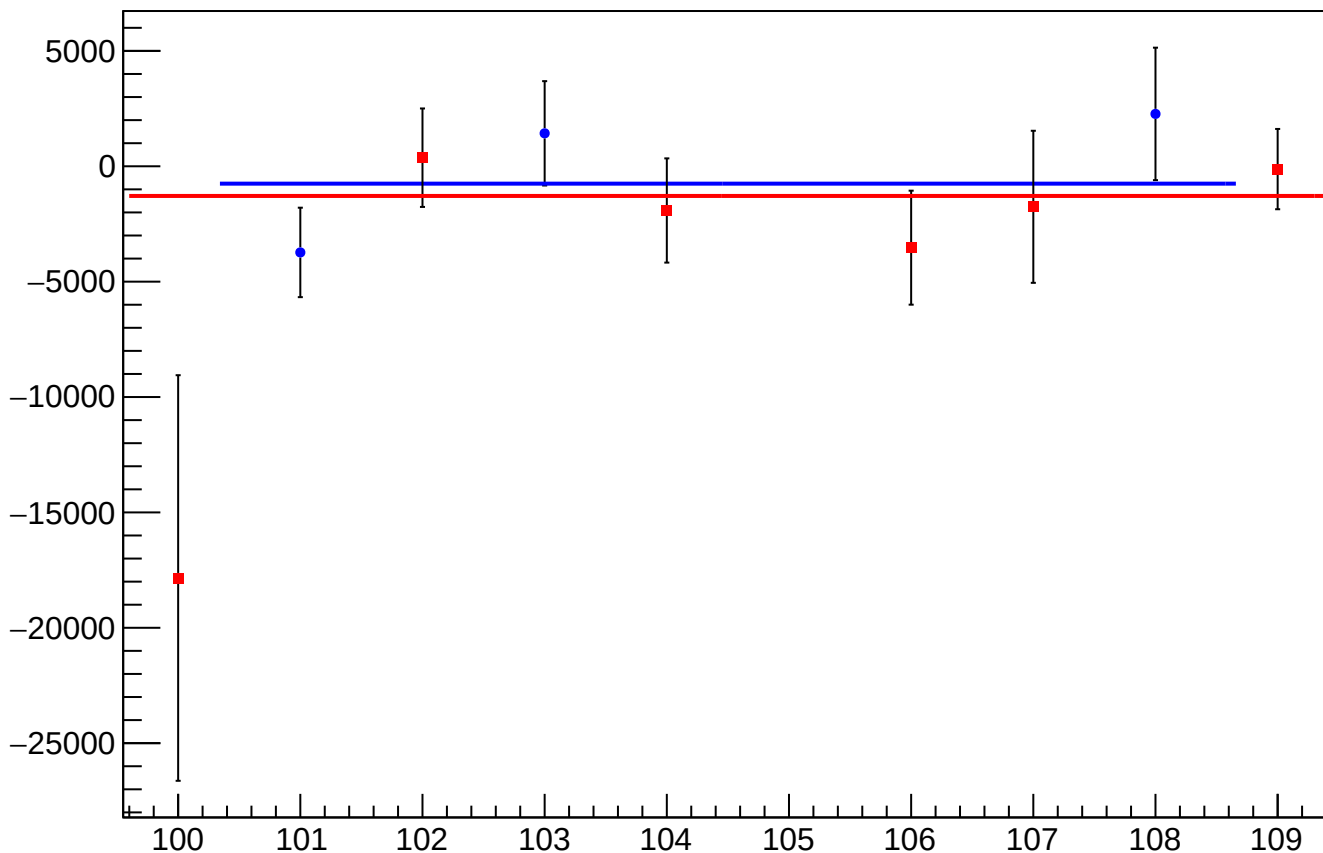
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.554 $\pm$ 0.081 χ^2 /NDF: 845306.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_correction_mean vs Slug



Right In: -752.698+/-1309.494 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1285.683+/-992.511 χ^2/NDF : 5.5/5

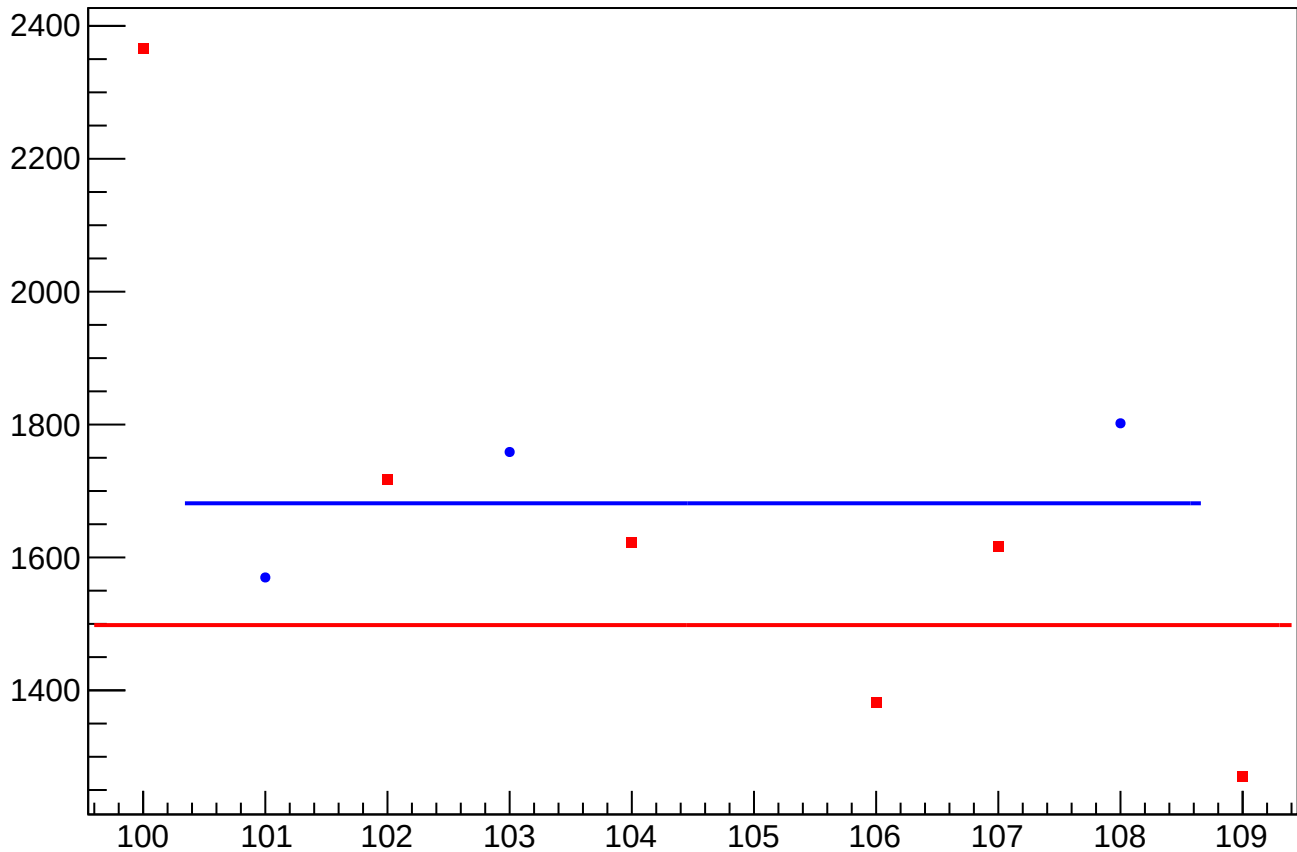
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1091.216+/-790.986 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1681.513 $\pm$ 0.926 χ^2 /NDF: 12483.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1498.203 $\pm$ 0.702 χ^2 /NDF: 88302.4/5

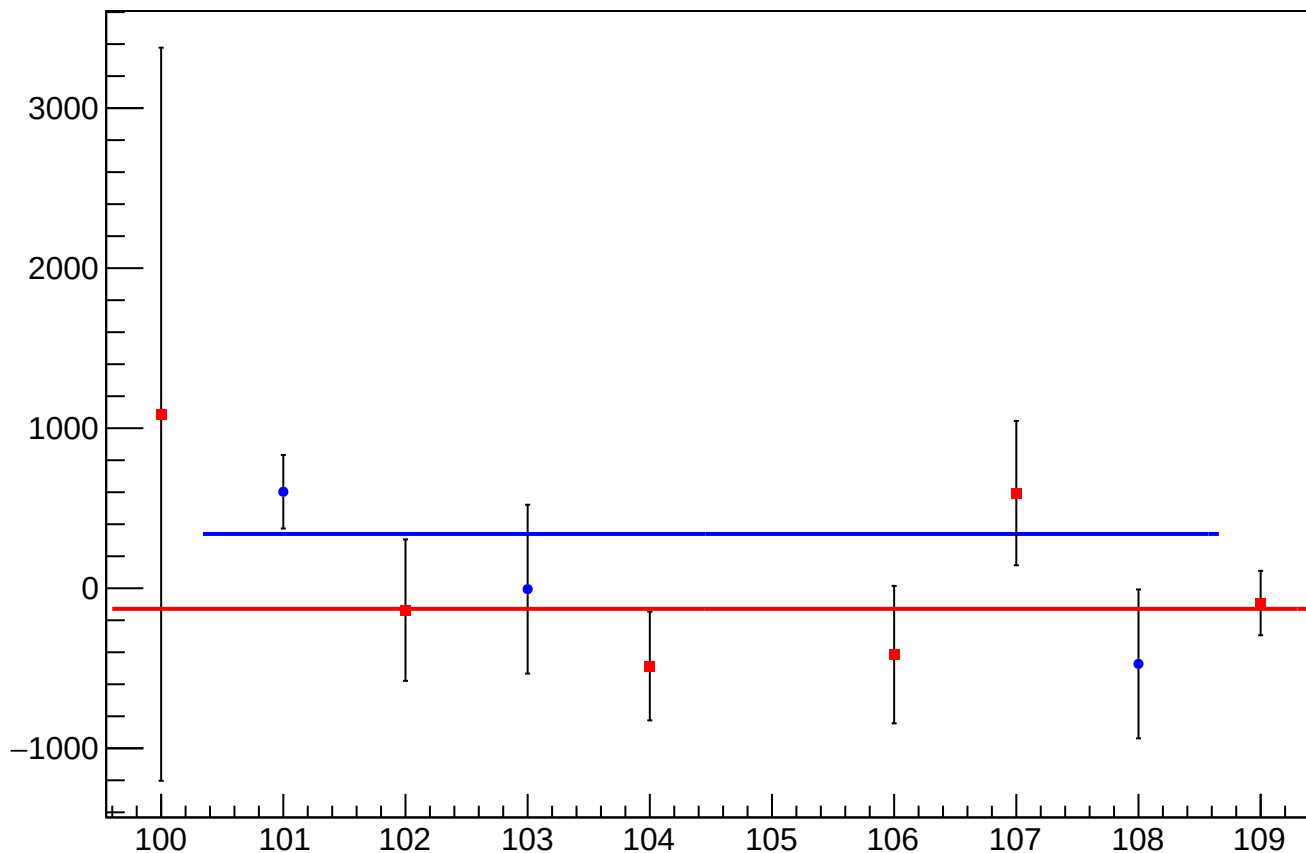
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1565.086 $\pm$ 0.559 χ^2 /NDF: 125678.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 339.406 $\pm$ 191.837 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -128.622 $\pm$ 142.911 χ^2 /NDF: 4.4/5

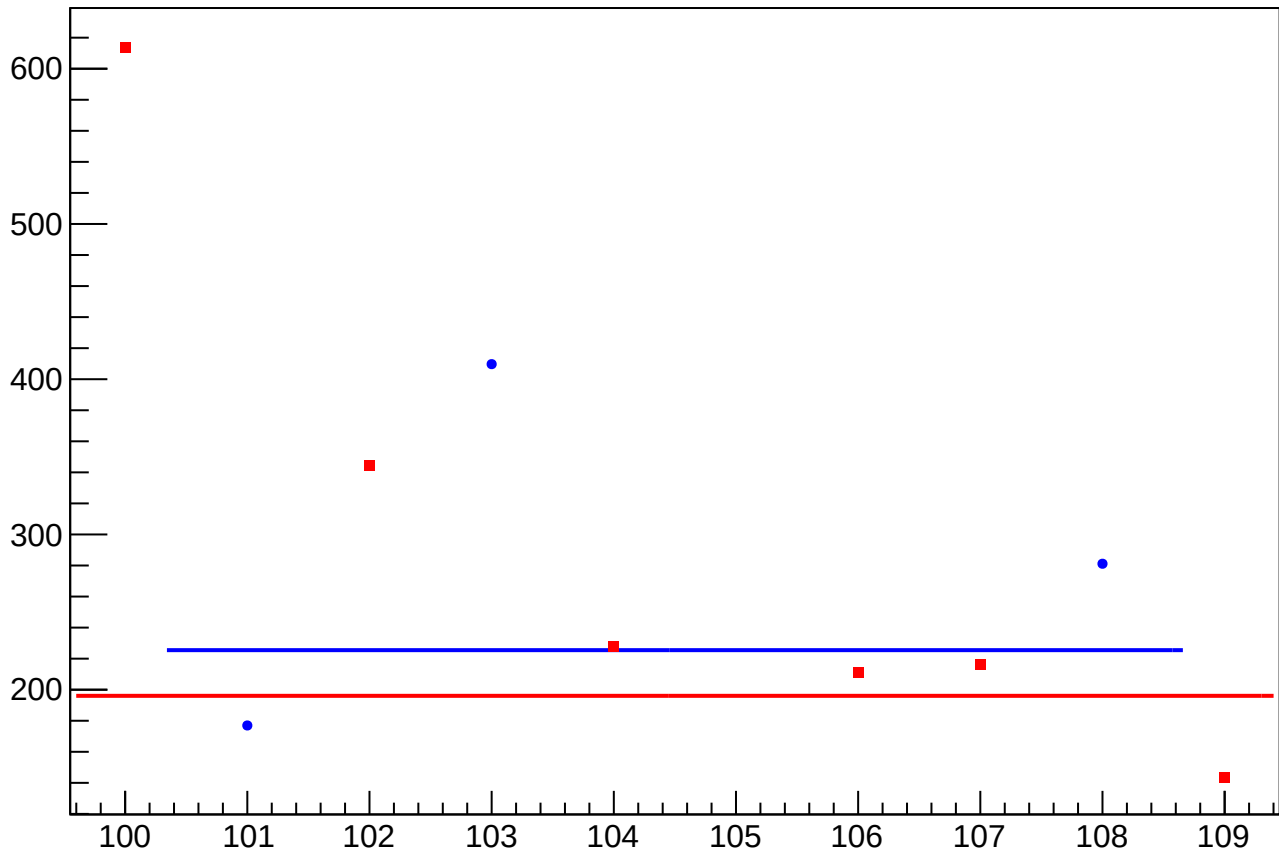
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.417 $\pm$ 114.605 χ^2 /NDF: 13.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 225.476 $\pm$ 0.136 χ^2 /NDF: 361917.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 196.056 $\pm$ 0.101 χ^2 /NDF: 453135.9/5

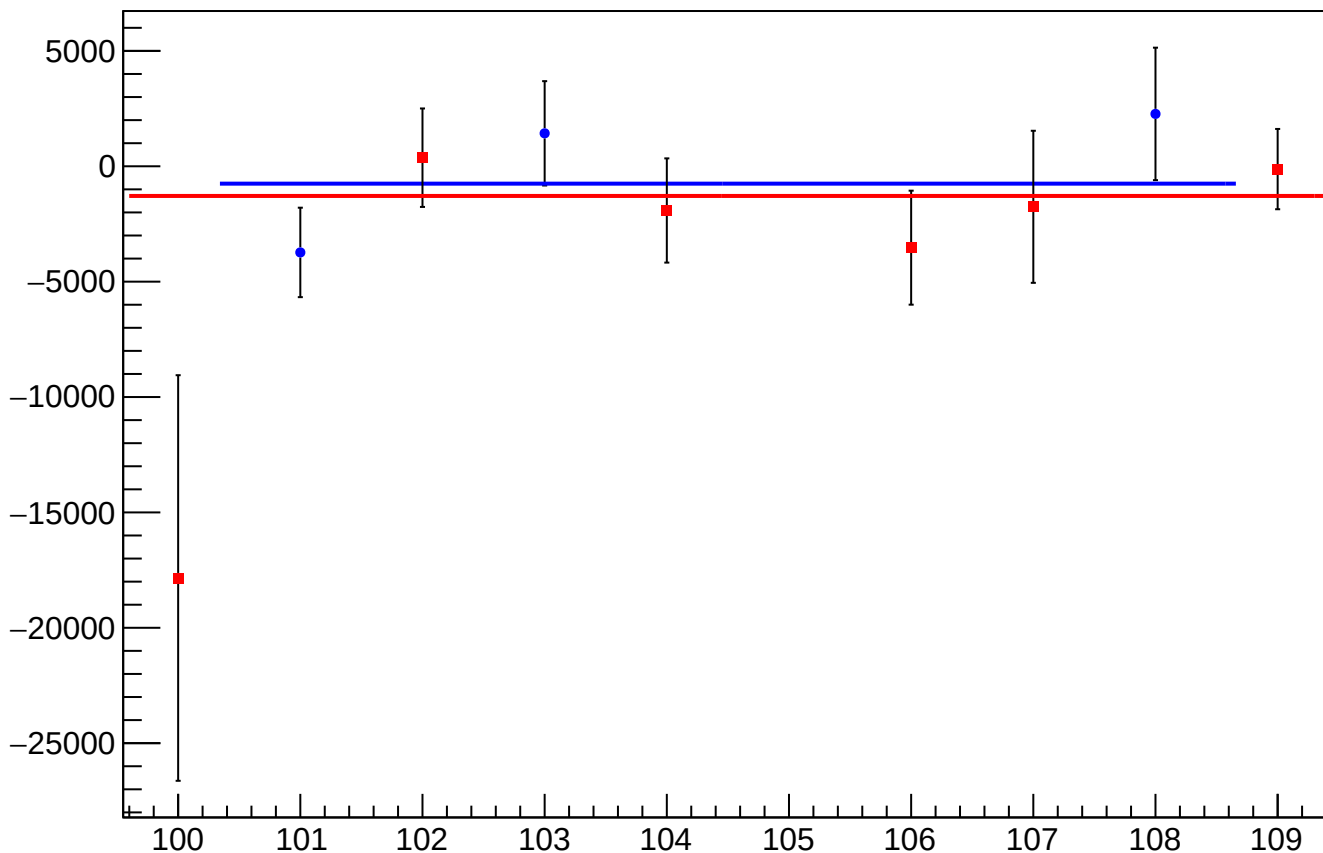
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 206.556 $\pm$ 0.081 χ^2 /NDF: 845303.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_mean vs Slug



Right In: -752.696+/-1309.488 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1285.680+/-992.509 χ^2/NDF : 5.5/5

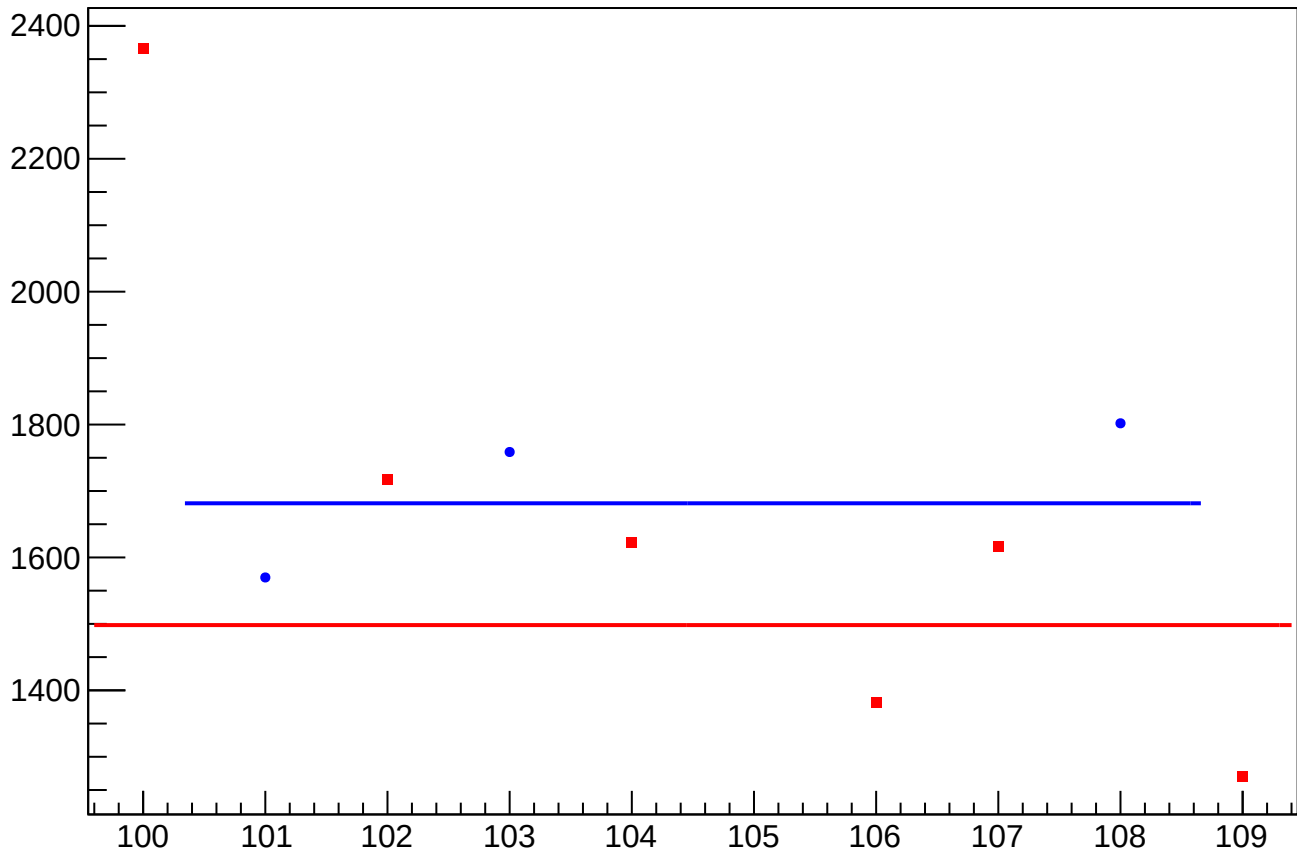
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1091.213+/-790.984 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1681.506 $\pm$ 0.926 χ^2 /NDF: 12484.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1498.199 $\pm$ 0.702 χ^2 /NDF: 88301.0/5

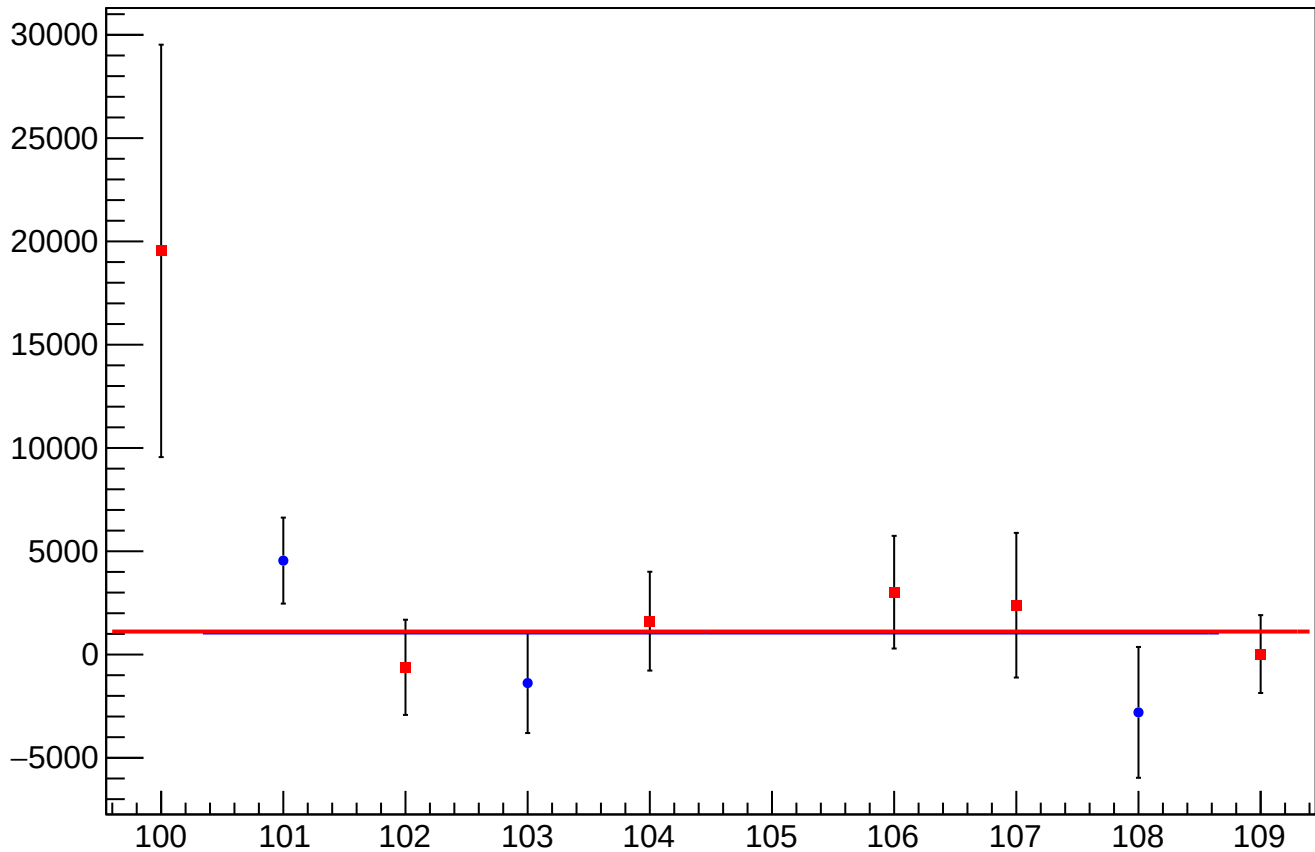
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1565.082 $\pm$ 0.559 χ^2 /NDF: 125676.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_mean vs Slug



Right In: 1068.140+/-1412.554 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1113.591+/-1071.699 χ^2/NDF : 5.0/5

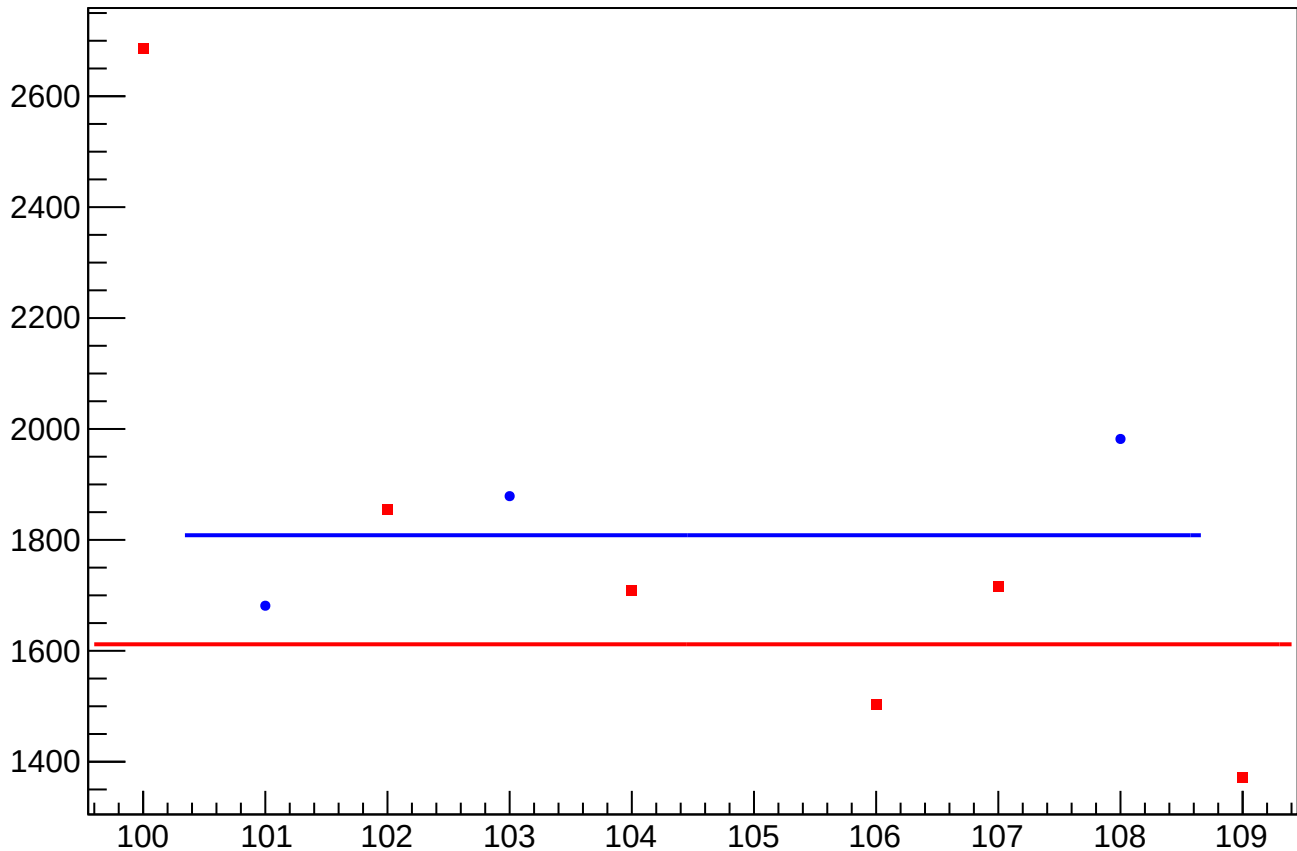
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.987+/-853.783 χ^2/NDF : 10.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



Right In: 1808.404+/-0.999 χ^2/NDF : 15162.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1611.760+/-0.758 χ^2/NDF : 85793.1/5

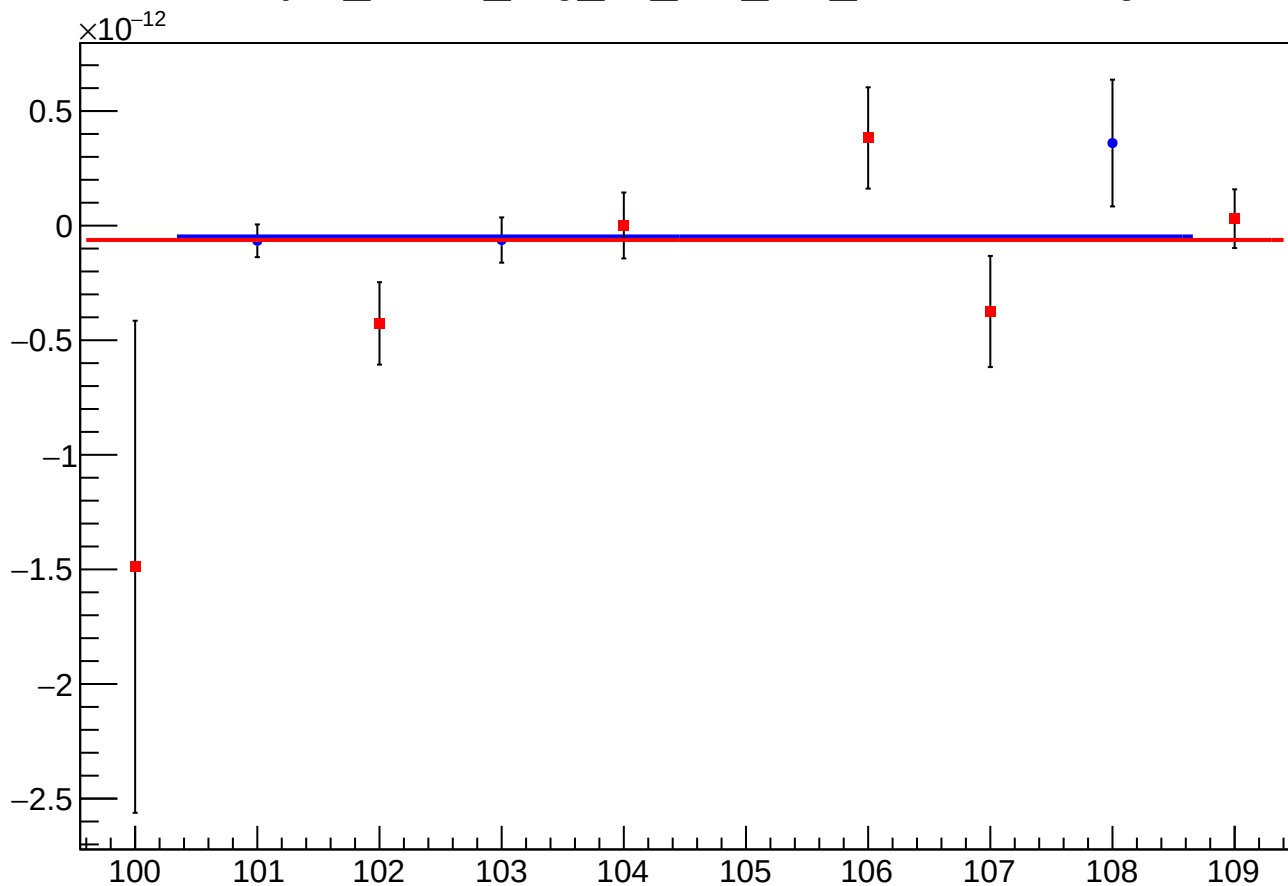
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1683.600+/-0.604 χ^2/NDF : 125555.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.3/5

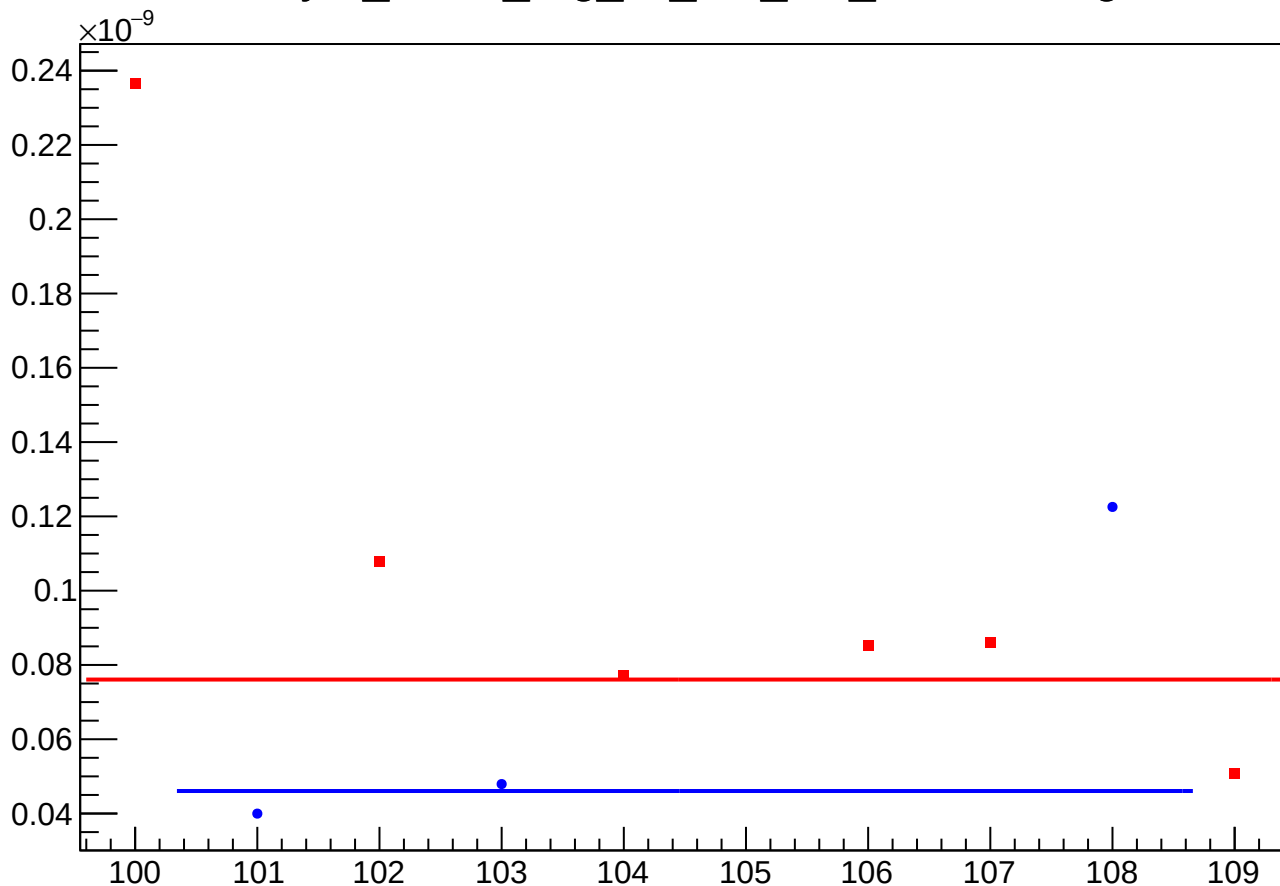
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 14.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 168203.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 191133.1/5

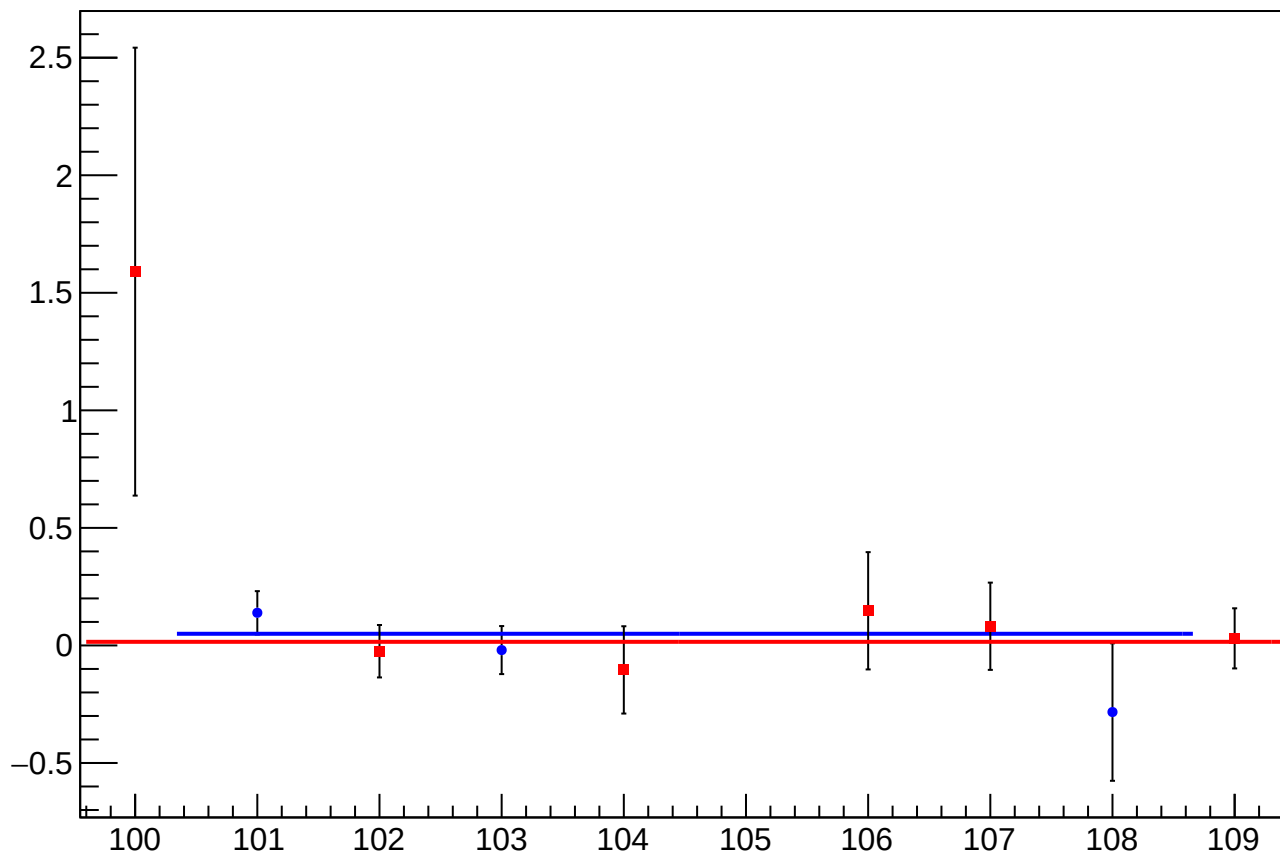
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 563655.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.067 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.068 χ^2 /NDF: 3.7/5

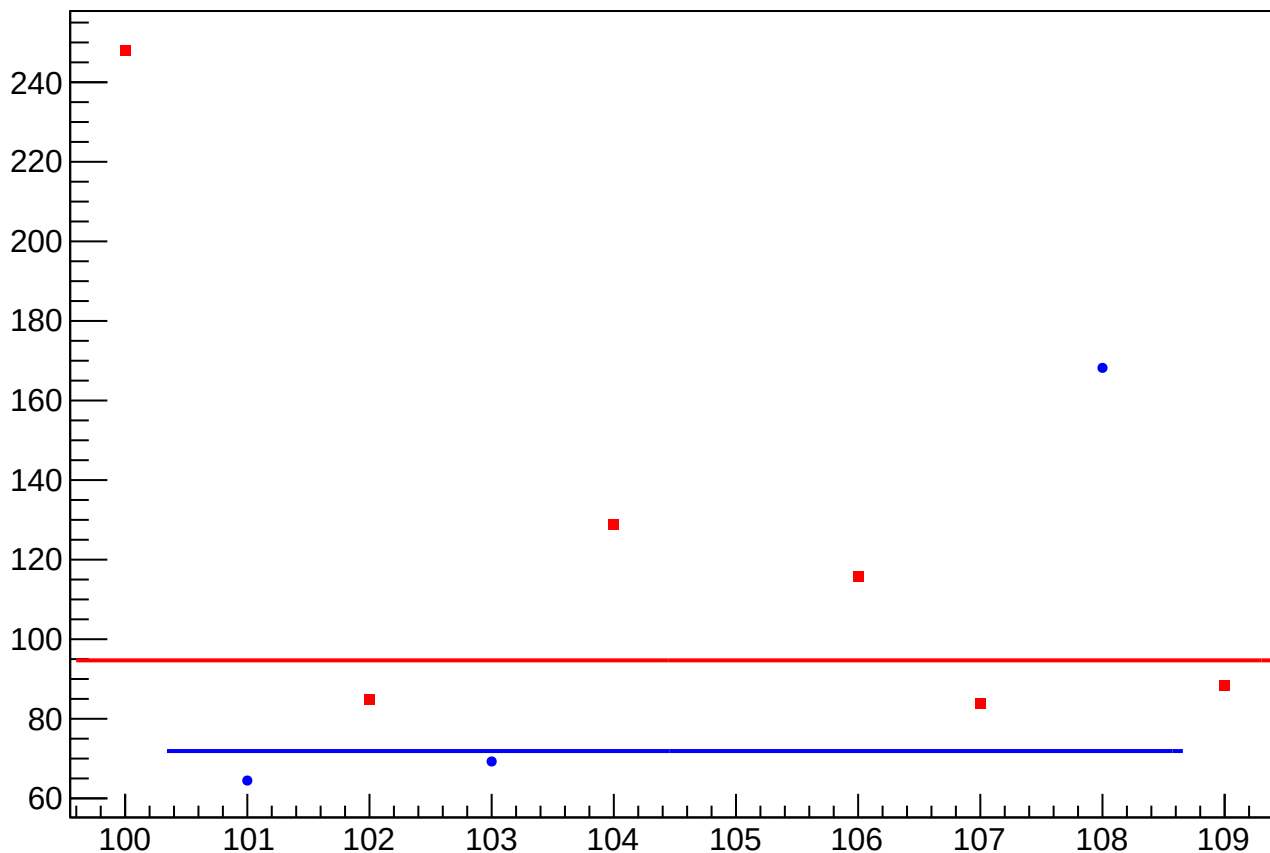
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.048 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 71.893+/-0.047 χ^2/NDF : 231167.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.684+/-0.048 χ^2/NDF : 161060.0/5

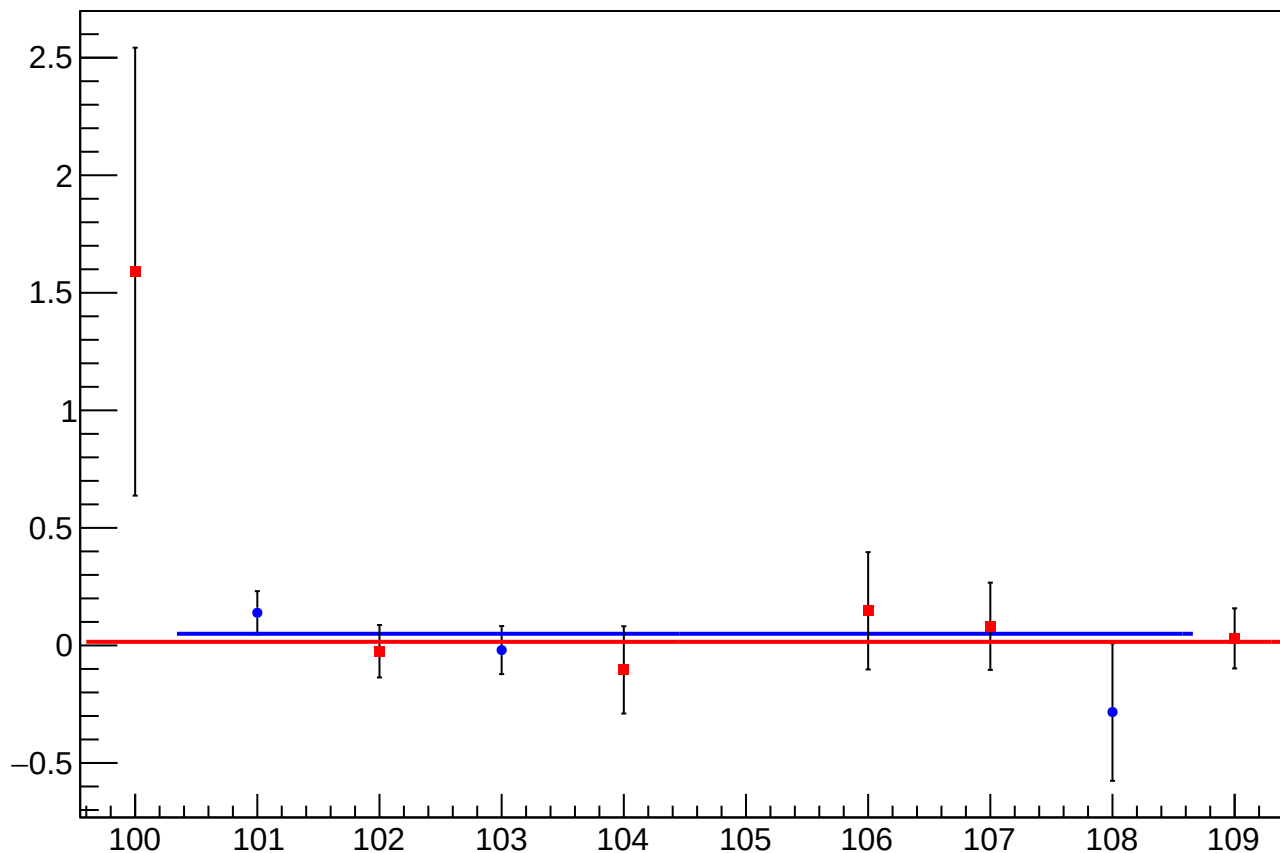
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.064+/-0.034 χ^2/NDF : 507030.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.067 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.068 χ^2 /NDF: 3.7/5

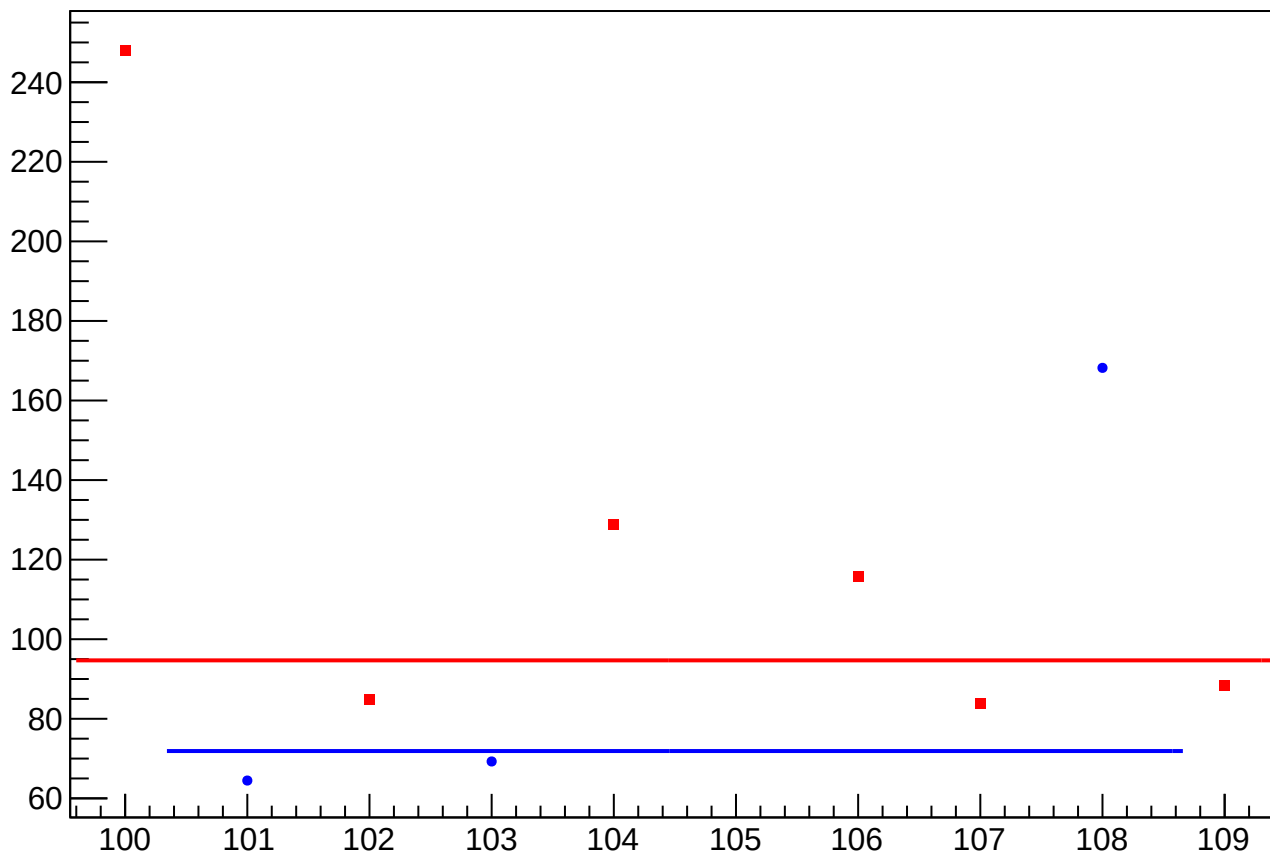
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.048 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 71.893+/-0.047 χ^2/NDF : 231167.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.684+/-0.048 χ^2/NDF : 161060.0/5

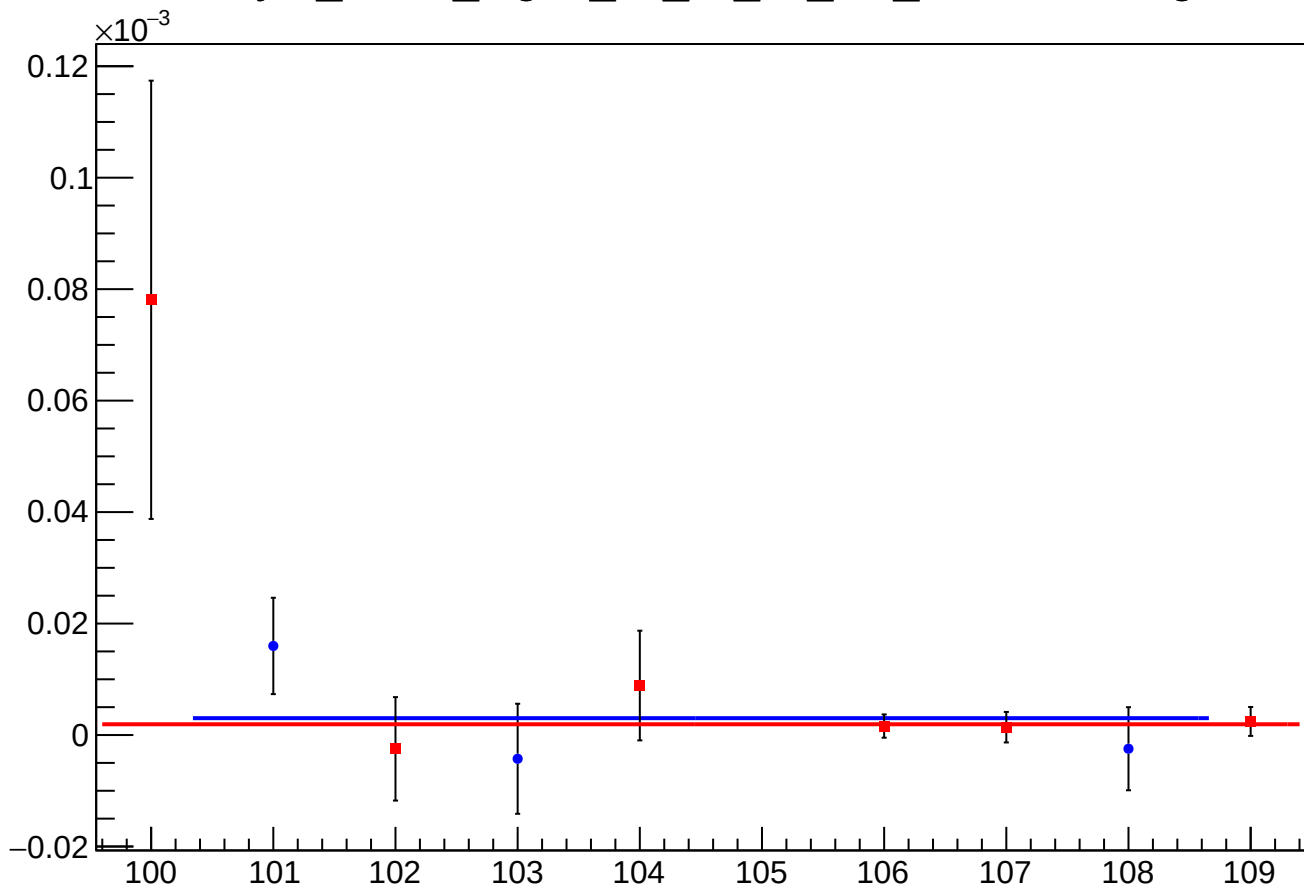
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.064+/-0.034 χ^2/NDF : 507030.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.6/5

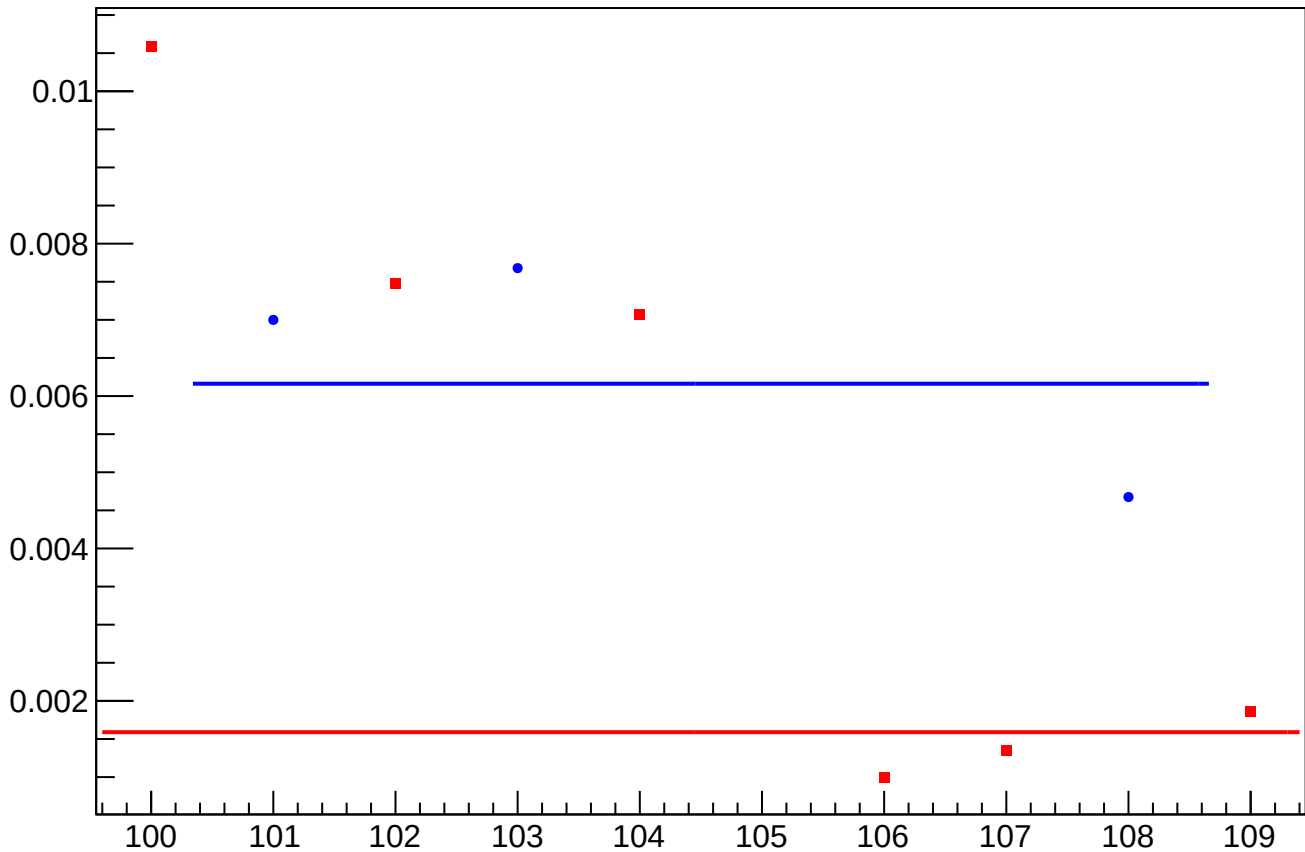
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 145621.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1729283.6/5

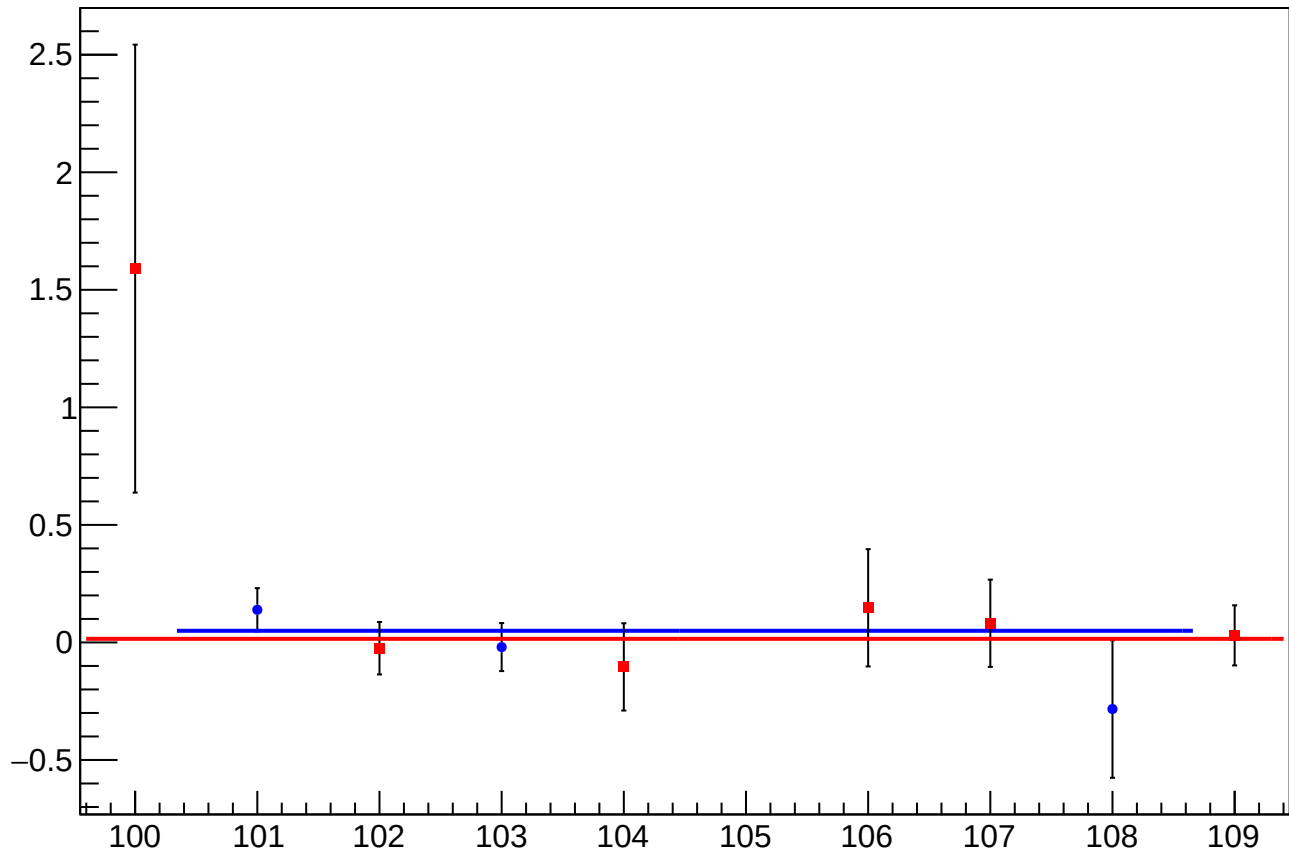
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3490661.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.067 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.068 χ^2 /NDF: 3.7/5

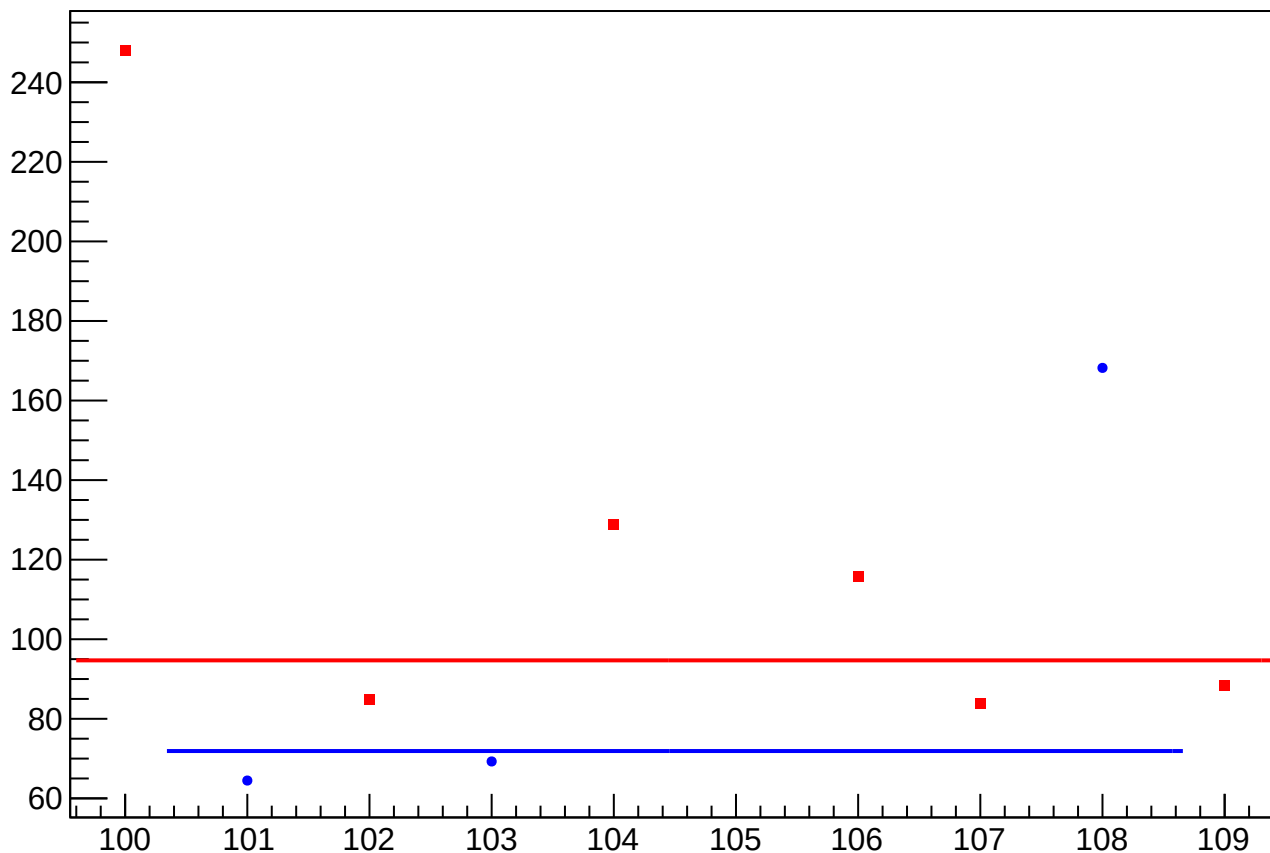
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.048 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 71.899+/-0.047 χ^2/NDF : 231142.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.689+/-0.048 χ^2/NDF : 161051.6/5

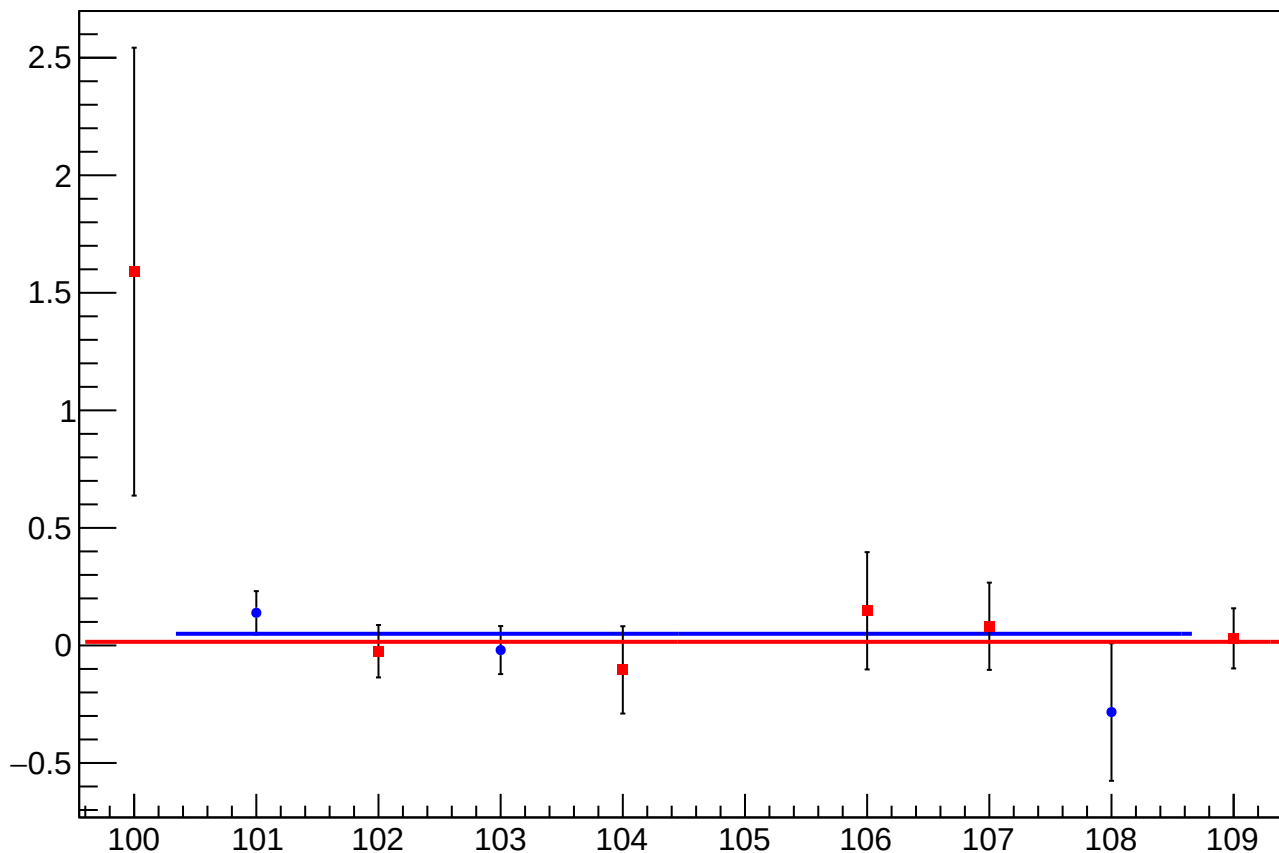
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.070+/-0.034 χ^2/NDF : 506968.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.050 $\pm$ 0.067 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.068 χ^2 /NDF: 3.7/5

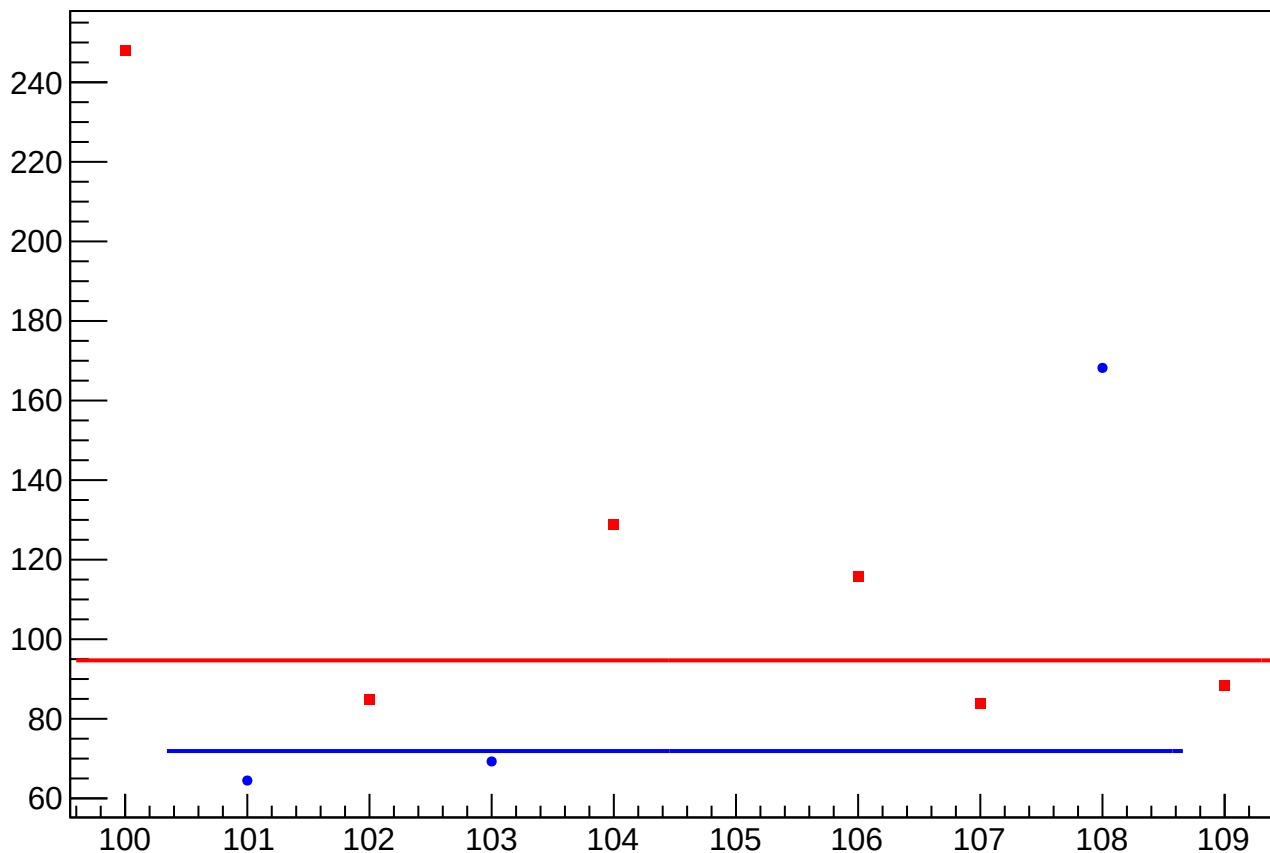
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.048 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 71.899+/-0.047 χ^2/NDF : 231142.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 94.689+/-0.048 χ^2/NDF : 161051.6/5

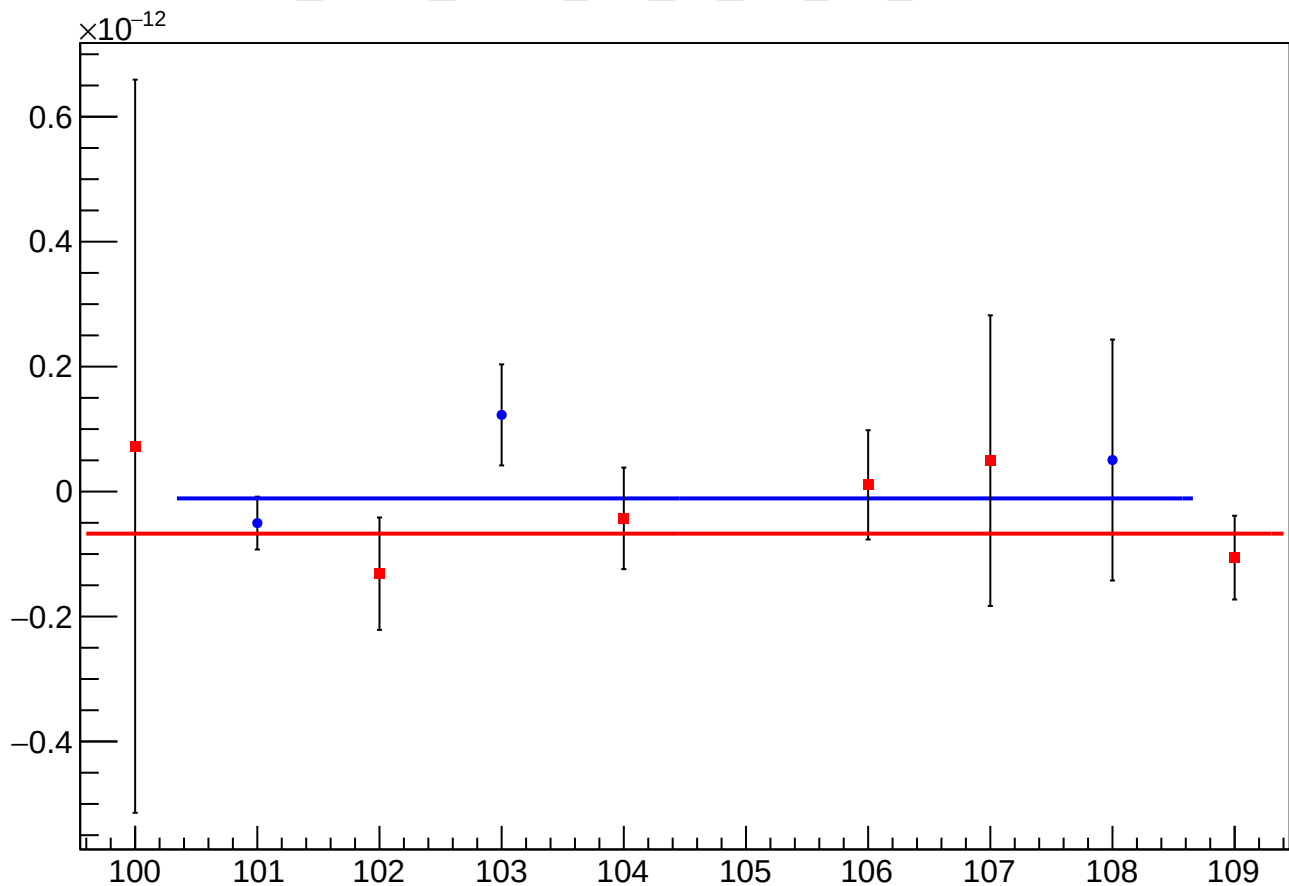
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.070+/-0.034 χ^2/NDF : 506968.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 3.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 2.0/5

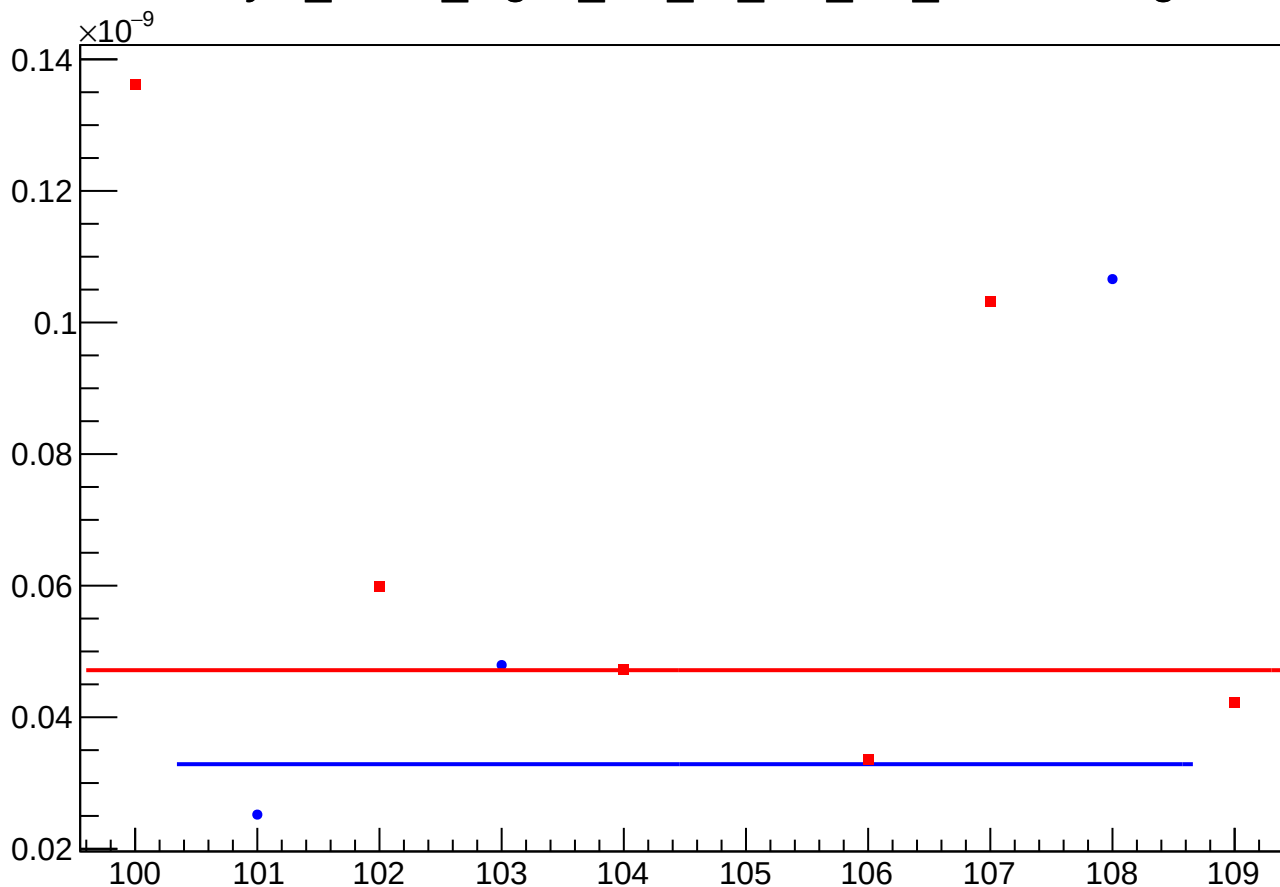
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 6.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 427435.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 261301.6/5

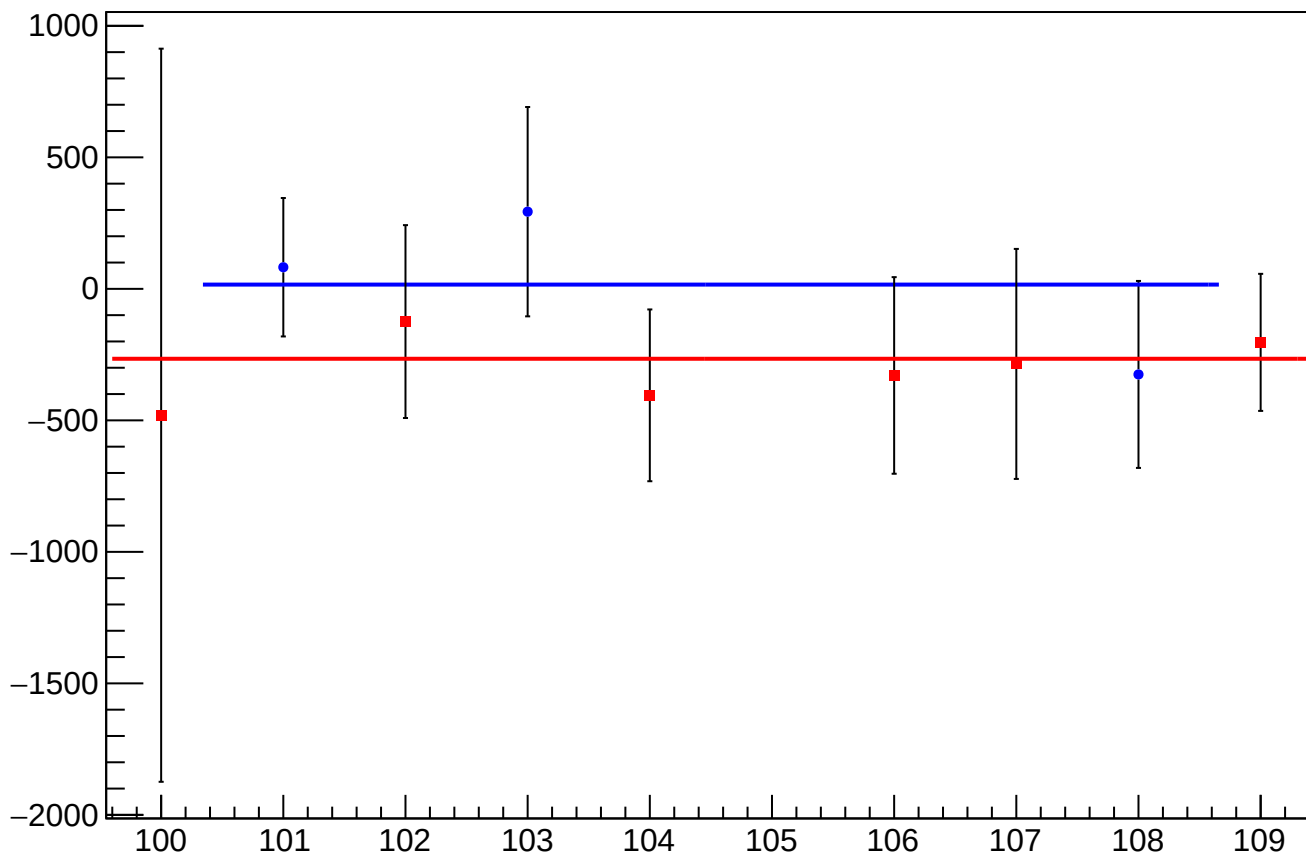
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 829883.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: 16.210 $\pm$ 186.772 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -265.820 $\pm$ 149.996 χ^2 /NDF: 0.4/5

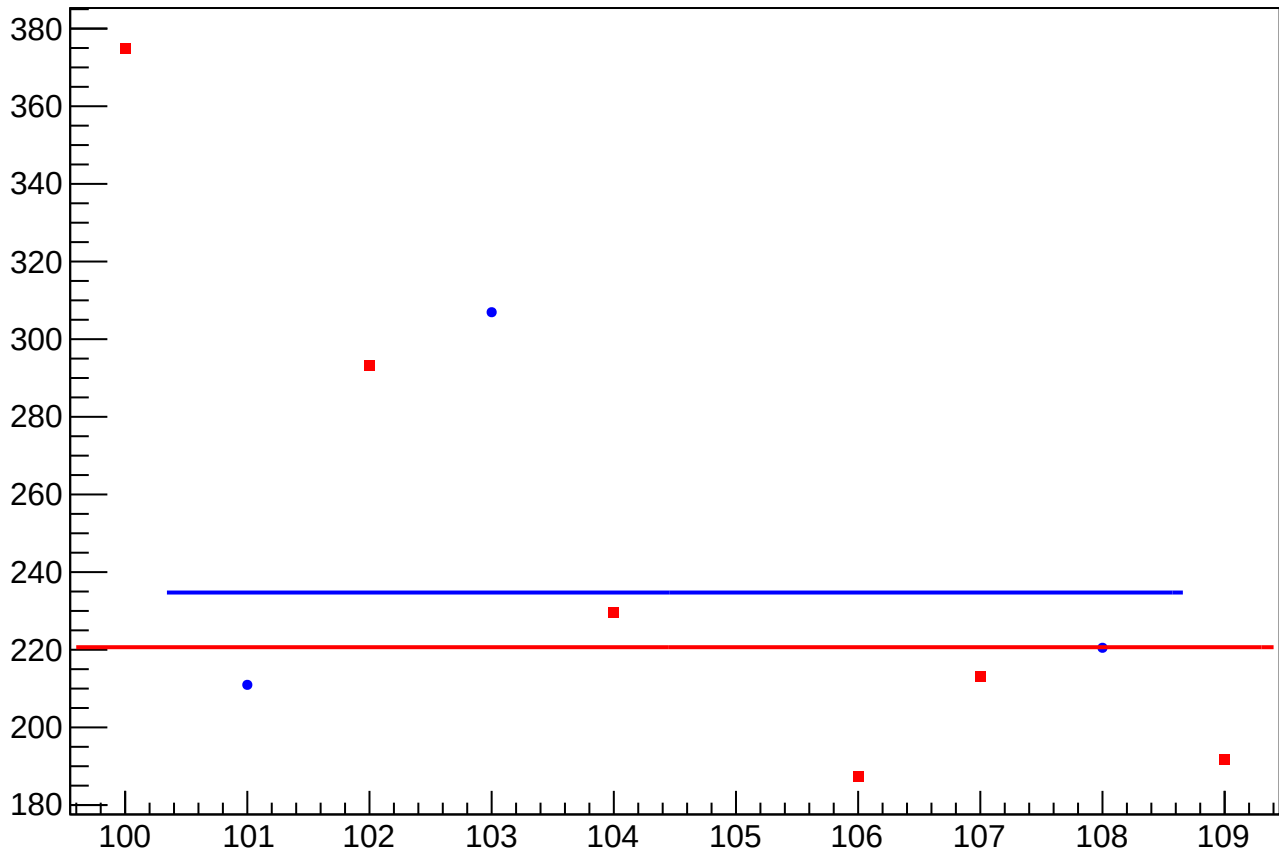
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -155.241 $\pm$ 116.951 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 234.742 $\pm$ 0.132 χ^2 /NDF: 85370.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 220.659 $\pm$ 0.106 χ^2 /NDF: 145252.5/5

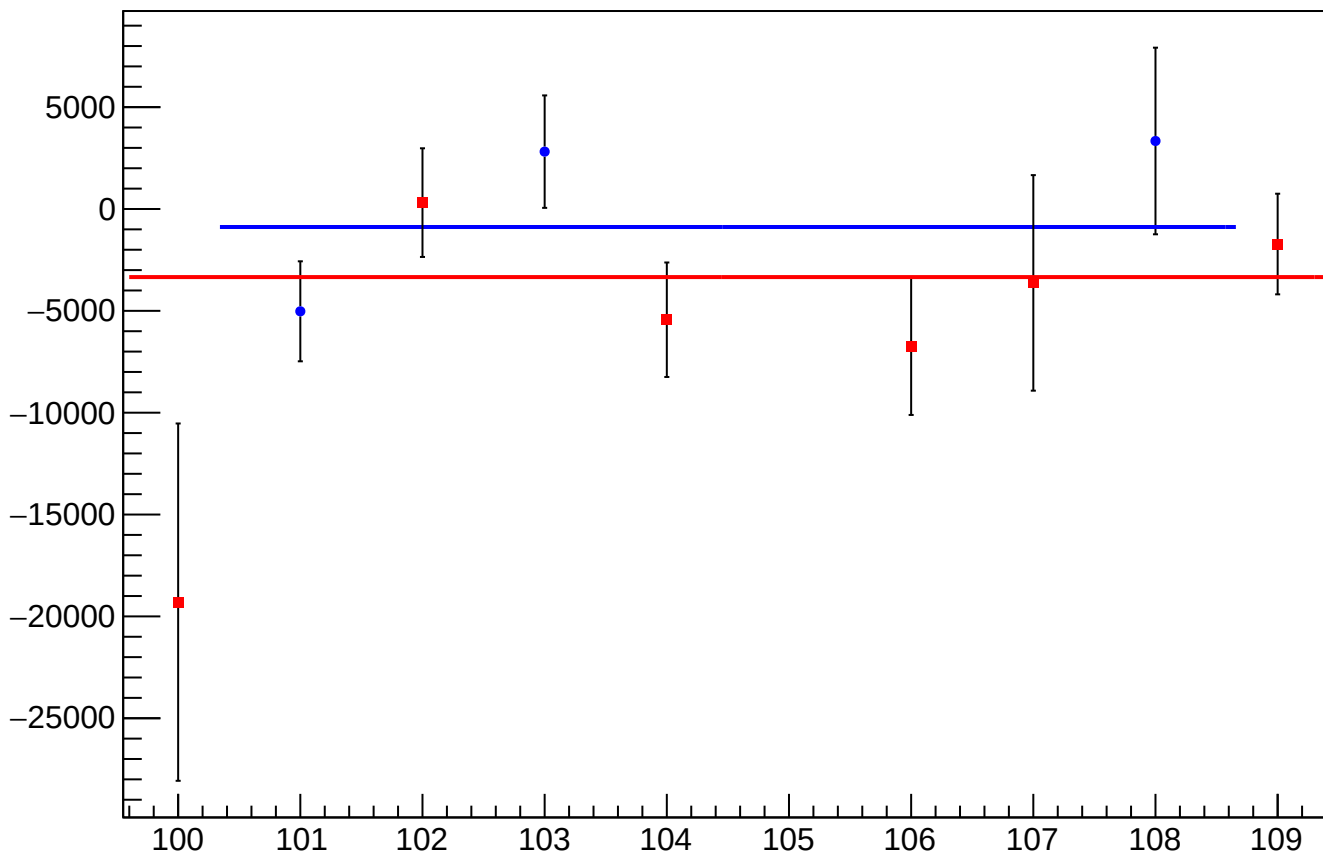
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 226.181 $\pm$ 0.083 χ^2 /NDF: 237535.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: -883.883 ± 1702.794 χ^2/NDF : 5.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3342.331 ± 1327.512 χ^2/NDF : 7.2/5

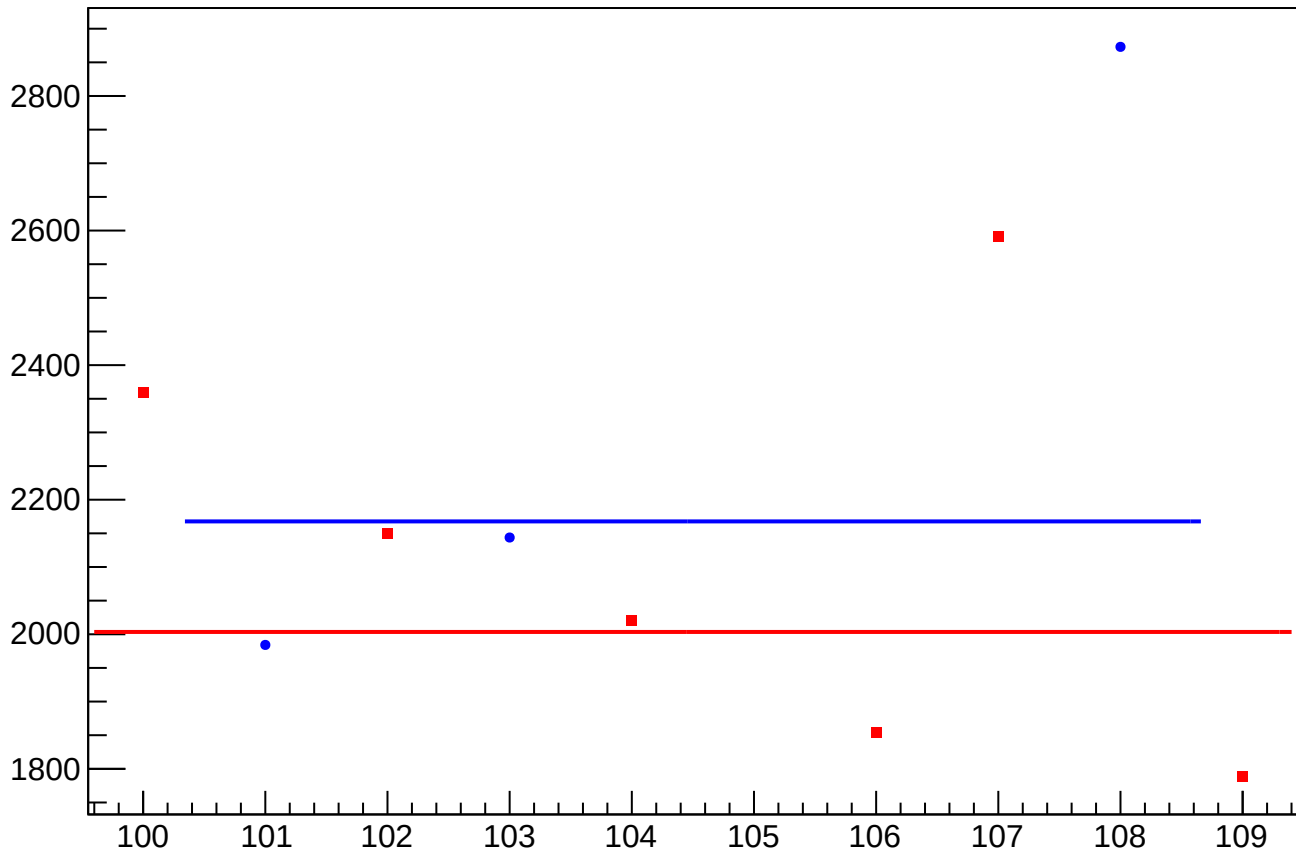
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2412.970 ± 1046.945 χ^2/NDF : 14.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2167.752 $\pm$ 1.204 χ^2 /NDF: 58742.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2003.463 $\pm$ 0.939 χ^2 /NDF: 53144.6/5

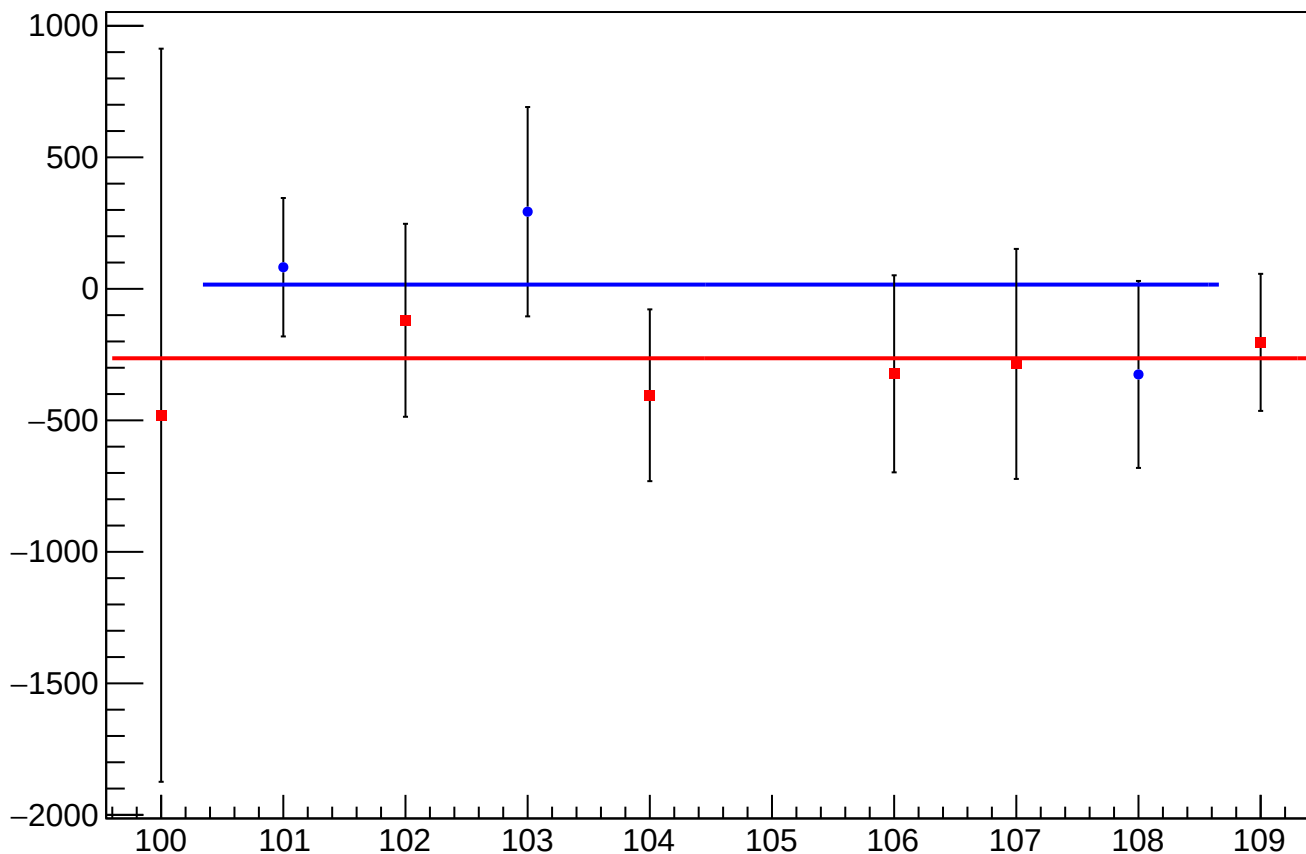
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2065.569 $\pm$ 0.740 χ^2 /NDF: 123467.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam4_mean vs Slug



Right In: 16.180 $\pm$ 186.773 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -263.960 $\pm$ 150.065 χ^2 /NDF: 0.4/5

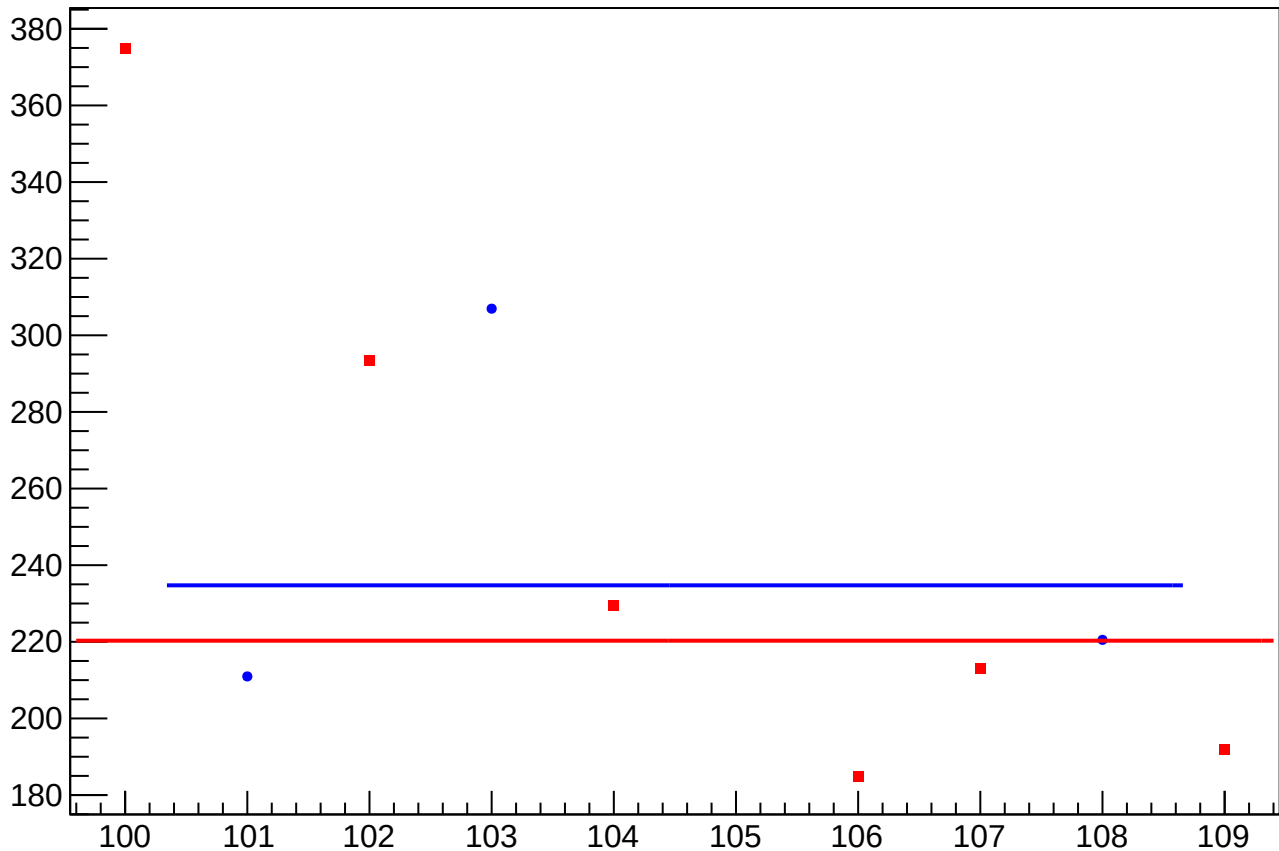
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -154.061 $\pm$ 116.983 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 234.742 $\pm$ 0.132 χ^2 /NDF: 85372.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 220.292 $\pm$ 0.106 χ^2 /NDF: 147856.7/5

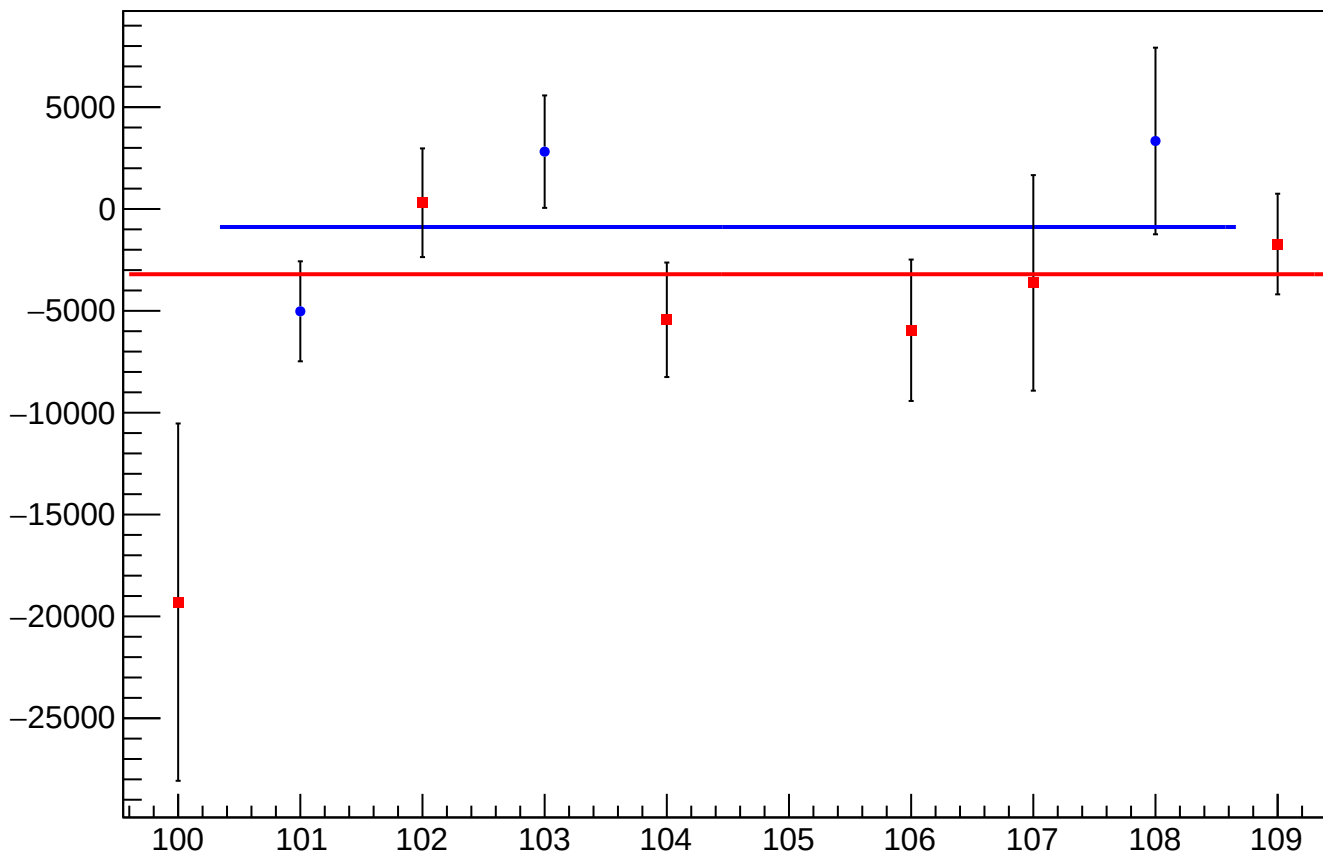
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.961 $\pm$ 0.083 χ^2 /NDF: 240505.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_cor_correction_mean vs Slug



Right In: -884.475+/-1702.843 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3202.991+/-1333.065 χ^2/NDF : 6.7/5

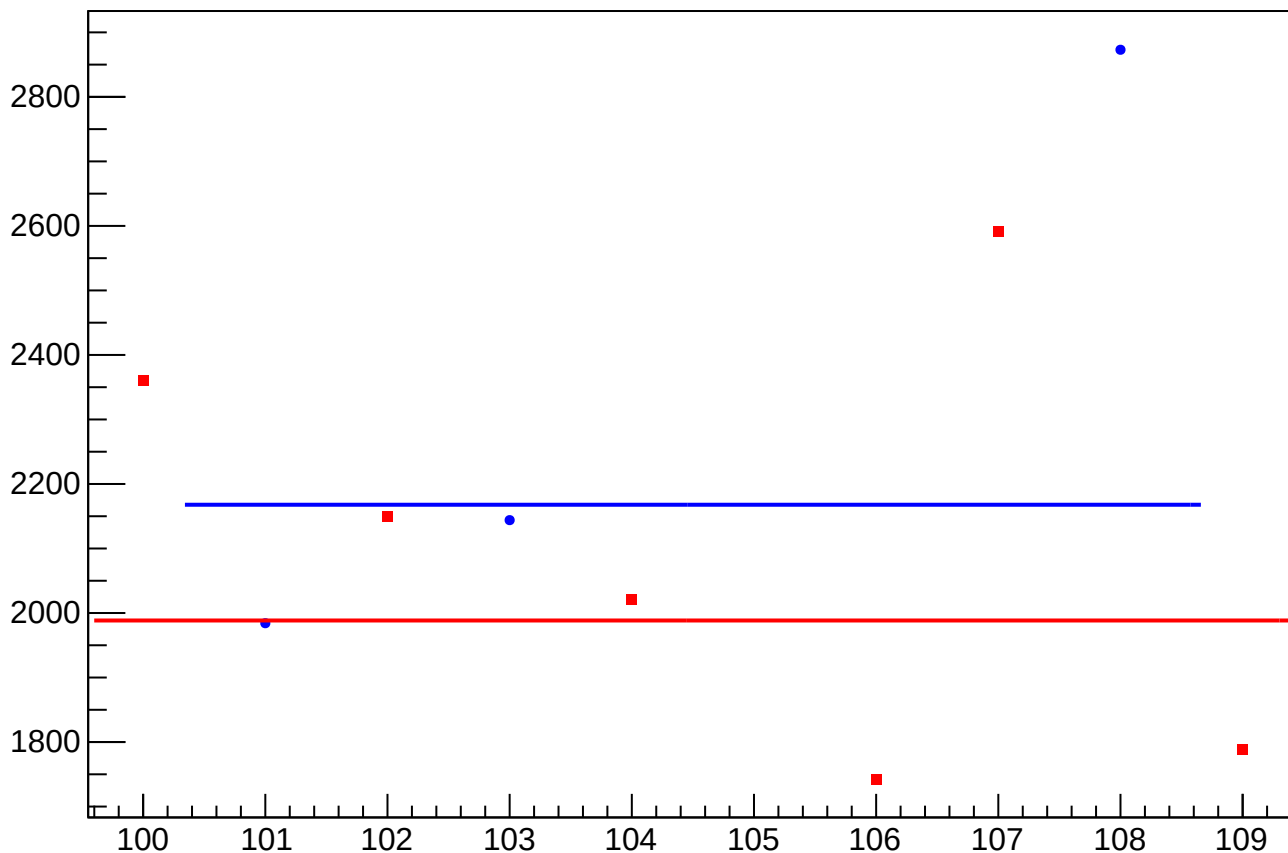
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2322.004+/-1049.674 χ^2/NDF : 13.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_rms vs Slug



Right In: 2167.816+/-1.204 χ^2/NDF : 58740.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1988.411+/-0.943 χ^2/NDF : 60366.2/5

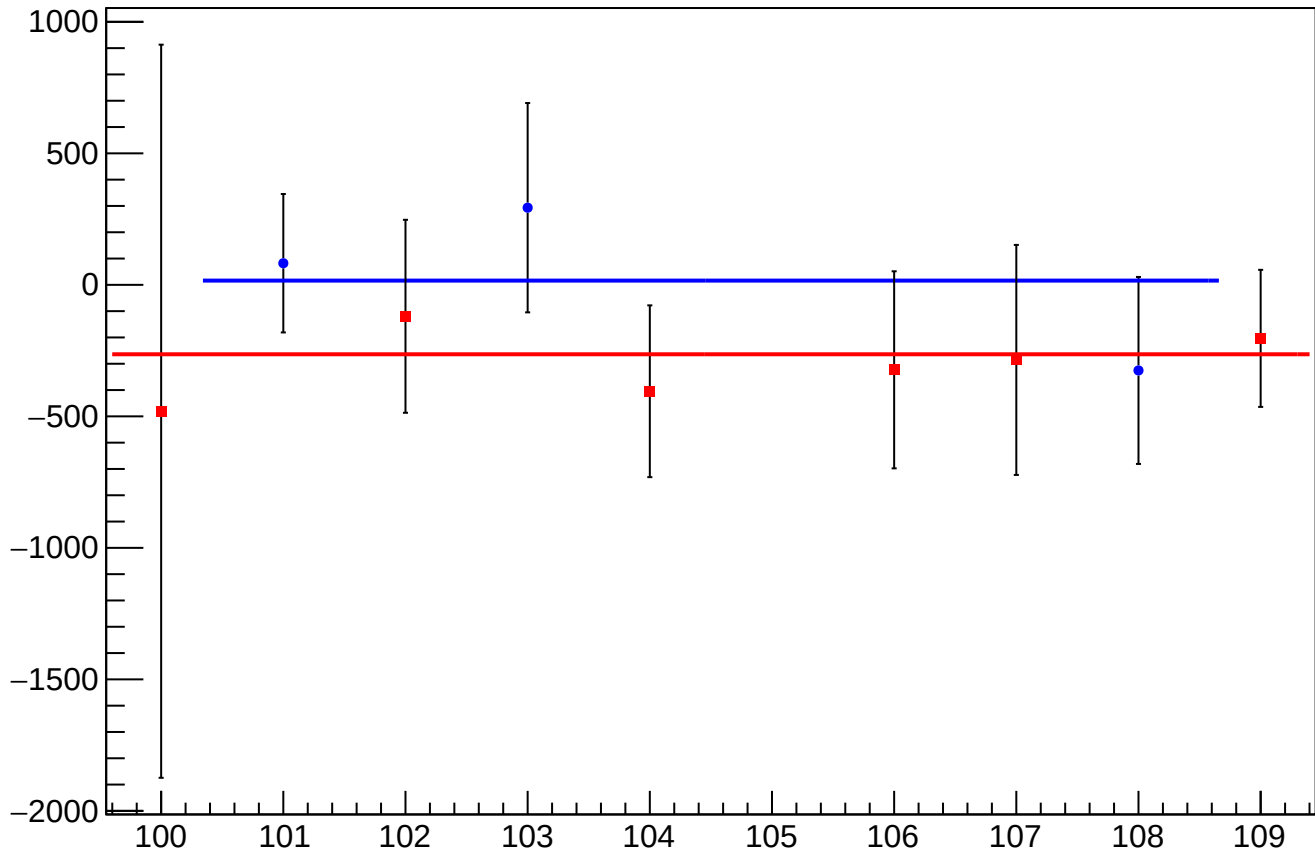
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2056.581+/-0.742 χ^2/NDF : 132871.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_mean vs Slug



Right In: 16.180 $\pm$ 186.773 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -263.960 $\pm$ 150.065 χ^2 /NDF: 0.4/5

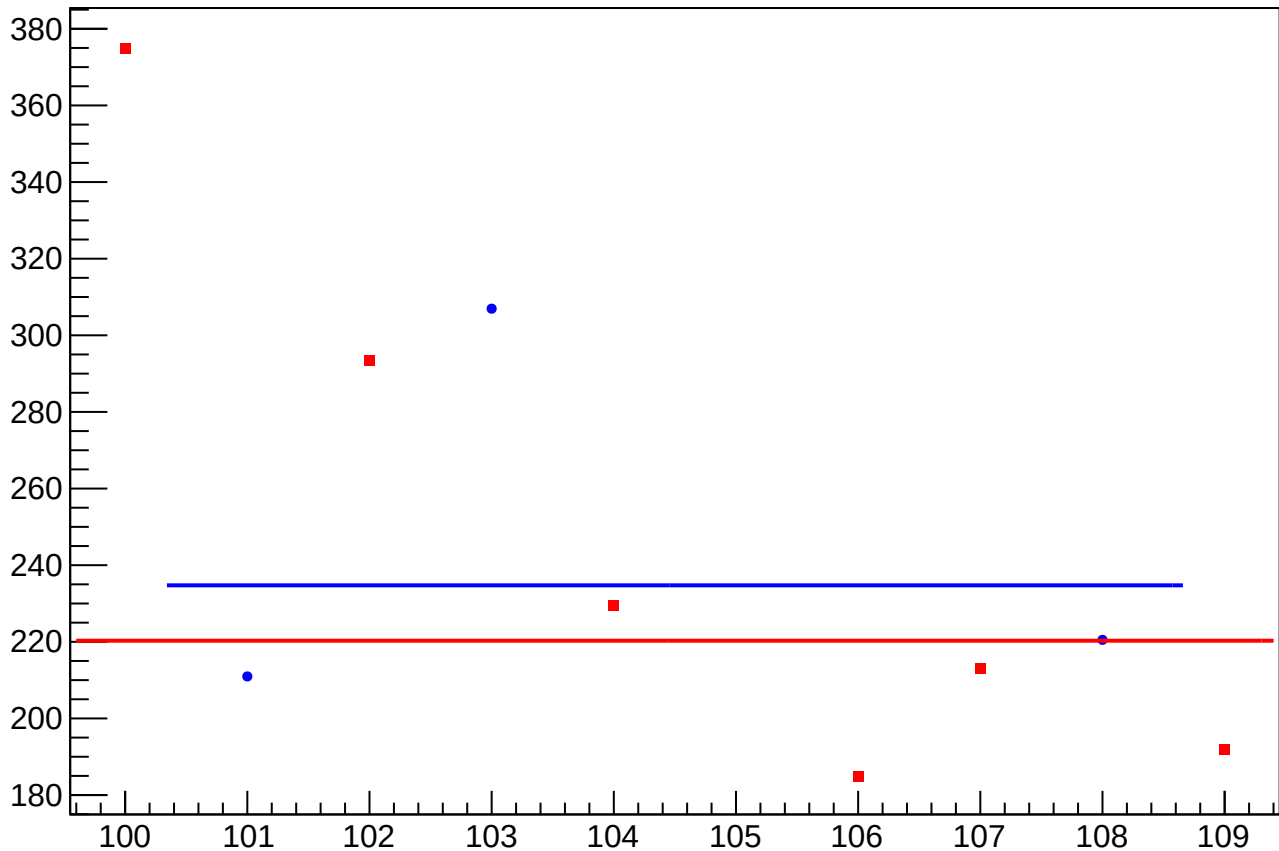
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -154.061 $\pm$ 116.983 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 234.742 $\pm$ 0.132 χ^2 /NDF: 85372.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 220.292 $\pm$ 0.106 χ^2 /NDF: 147856.7/5

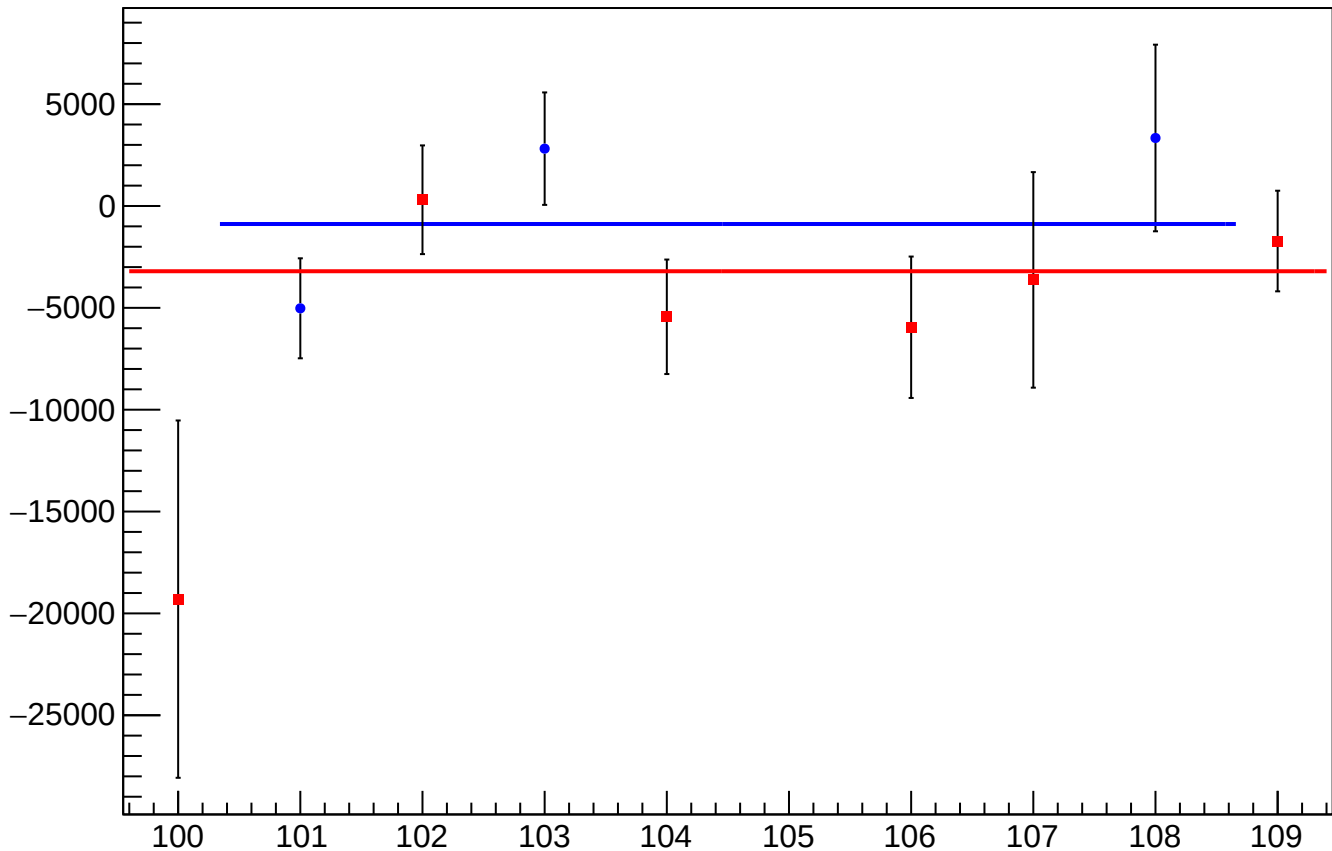
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.961 $\pm$ 0.083 χ^2 /NDF: 240505.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_correction_mean vs Slug



Right In: -884.475+/-1702.843 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3202.991+/-1333.065 χ^2/NDF : 6.7/5

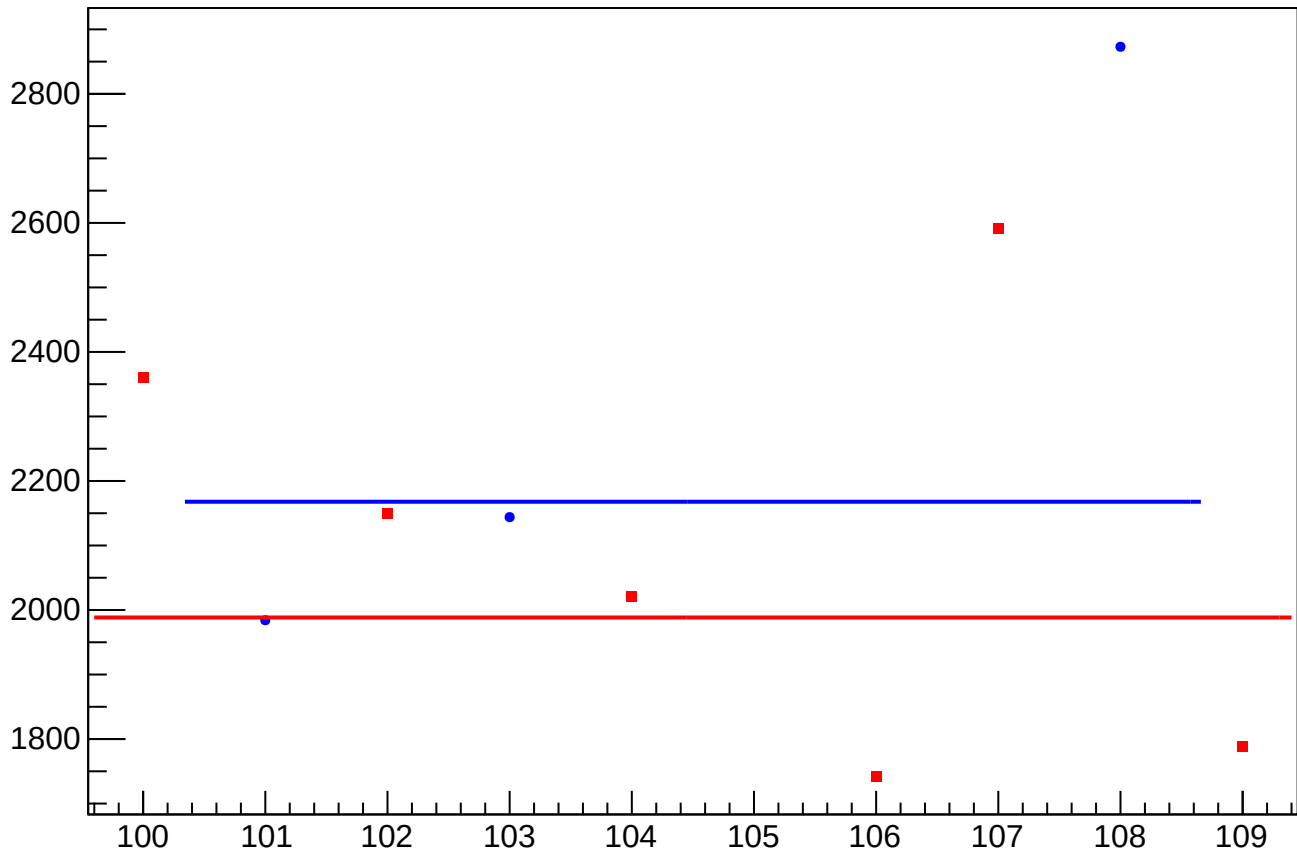
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2322.004+/-1049.674 χ^2/NDF : 13.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2167.816 $\pm$ 1.204 χ^2 /NDF: 58740.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1988.411 $\pm$ 0.943 χ^2 /NDF: 60366.2/5

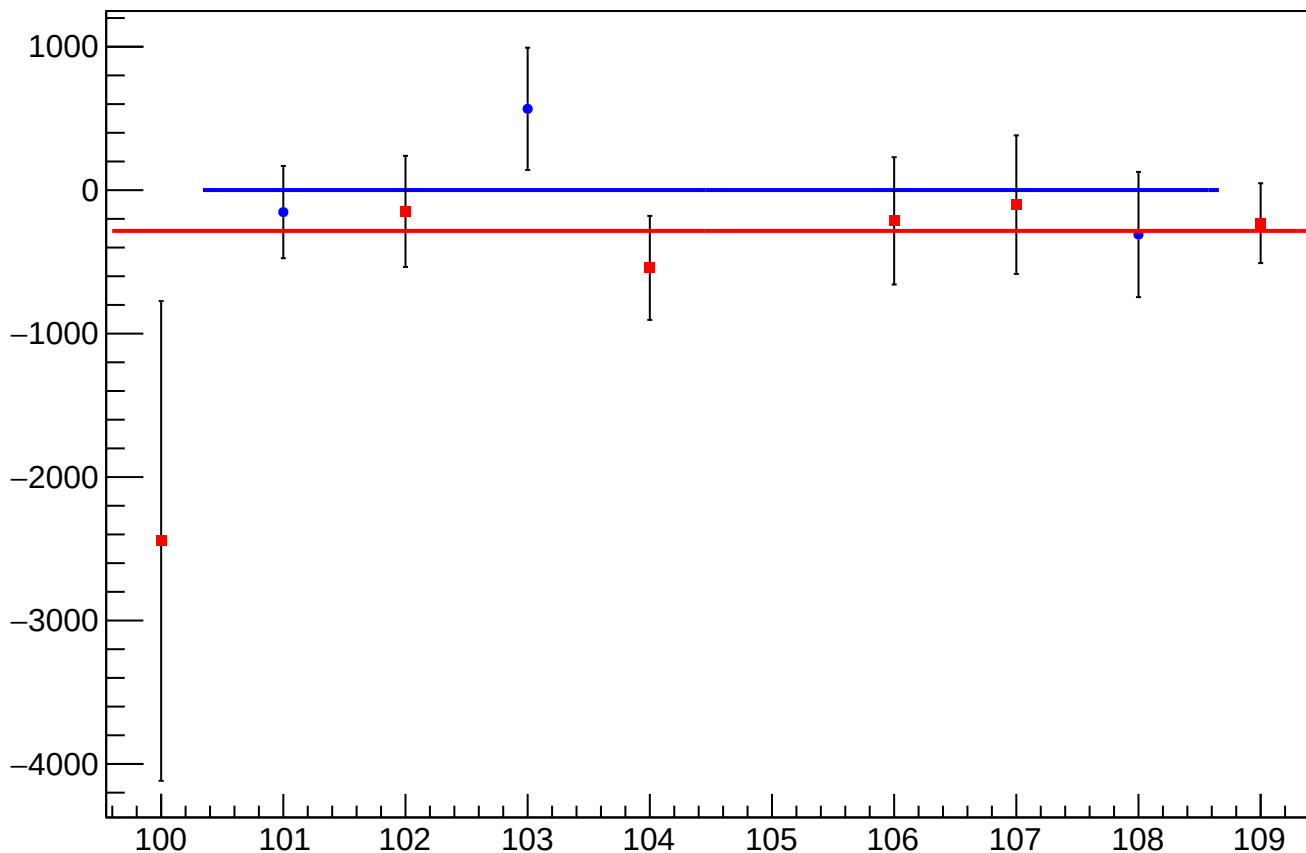
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2056.581 $\pm$ 0.742 χ^2 /NDF: 132871.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam4_mean vs Slug



Right In: 0.897 ± 221.345 χ^2/NDF : 2.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -283.766 ± 164.605 χ^2/NDF : 2.5/5

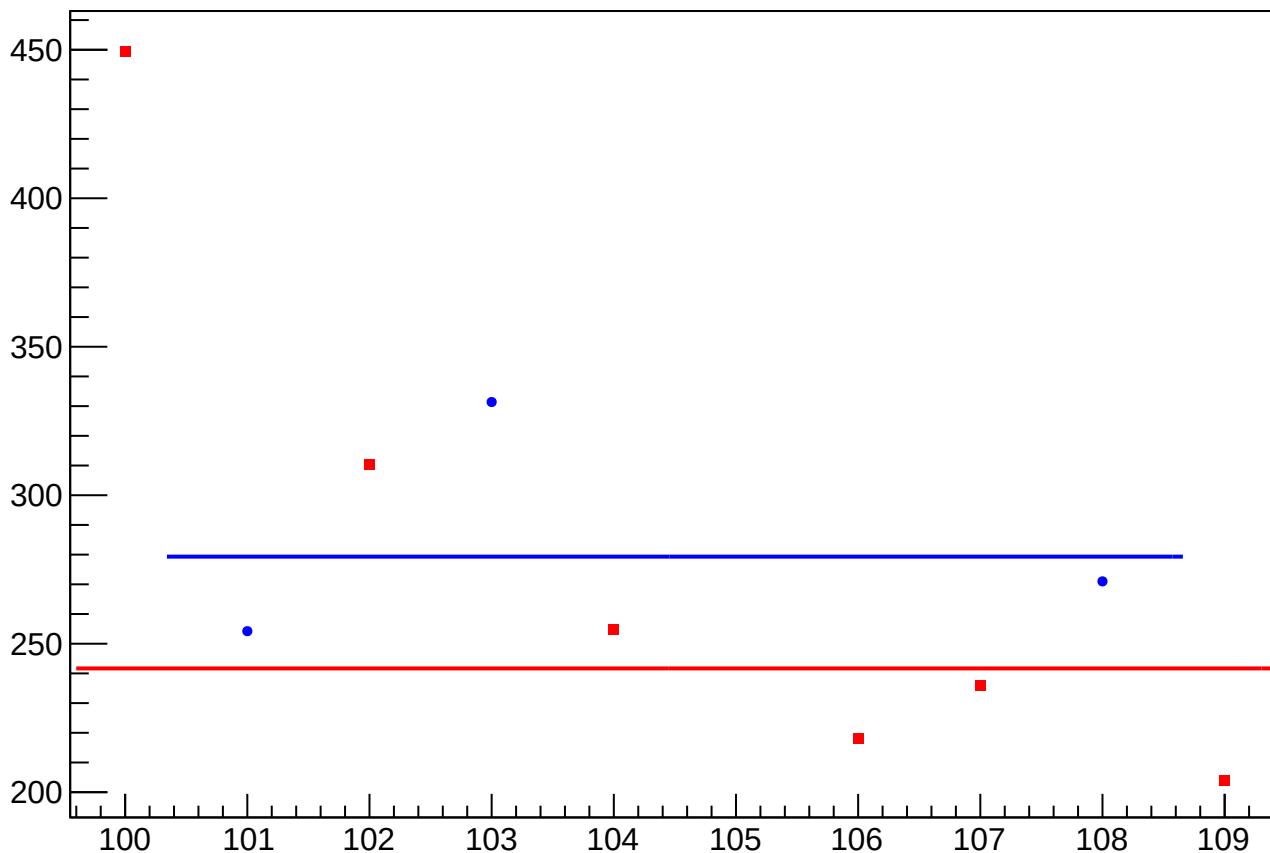
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -182.399 ± 132.085 χ^2/NDF : 6.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 279.322 $\pm$ 0.157 χ^2 /NDF: 42712.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 241.679 $\pm$ 0.116 χ^2 /NDF: 138645.5/5

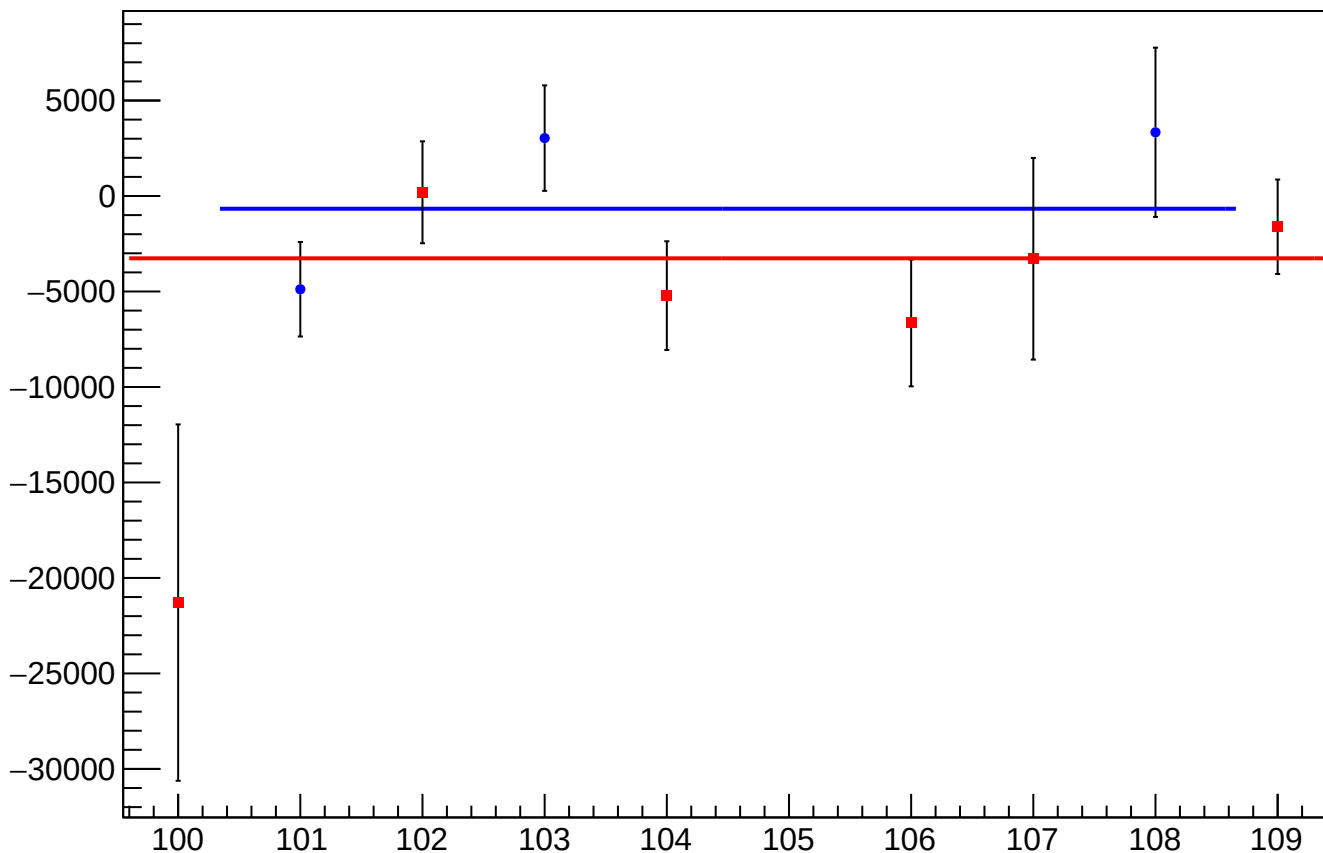
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 255.084 $\pm$ 0.093 χ^2 /NDF: 218604.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: -666.470+/-1701.830 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3262.845+/-1329.588 χ^2/NDF : 7.4/5

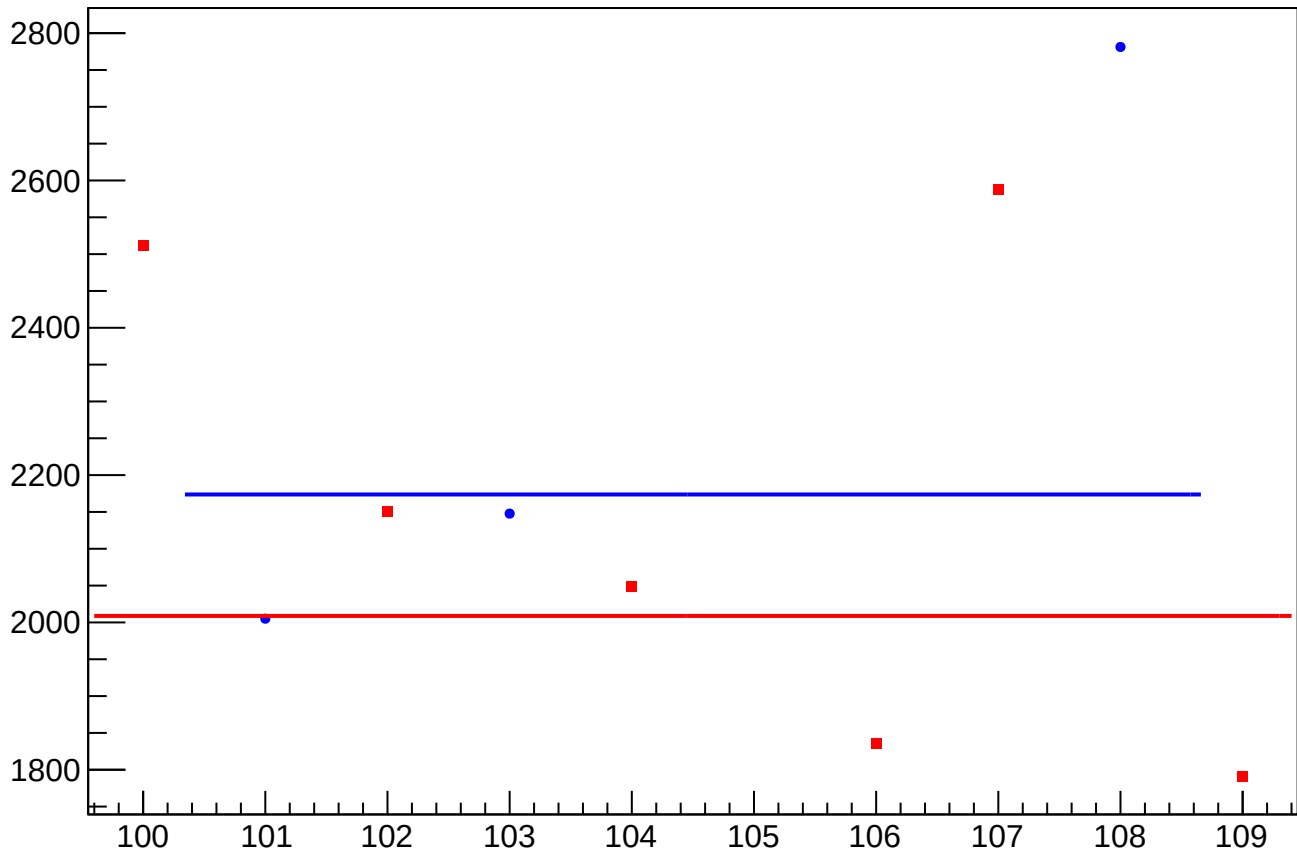
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2278.743+/-1047.738 χ^2/NDF : 14.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2173.704 $\pm$ 1.203 χ^2 /NDF: 47061.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2008.825 $\pm$ 0.940 χ^2 /NDF: 56861.4/5

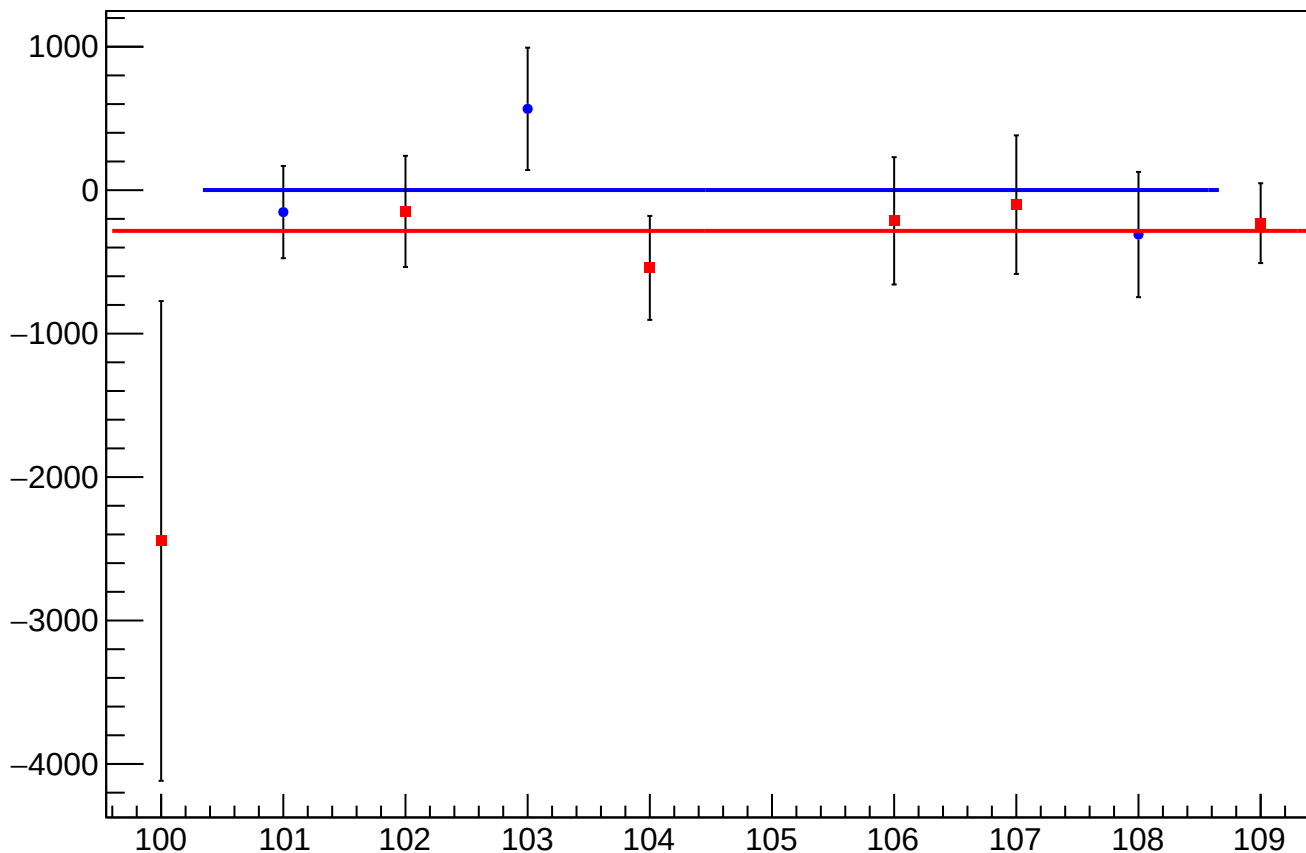
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2071.319 $\pm$ 0.741 χ^2 /NDF: 115580.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_mean vs Slug



Right In: 0.899 ± 221.346 χ^2/NDF : 2.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -283.764 ± 164.605 χ^2/NDF : 2.5/5

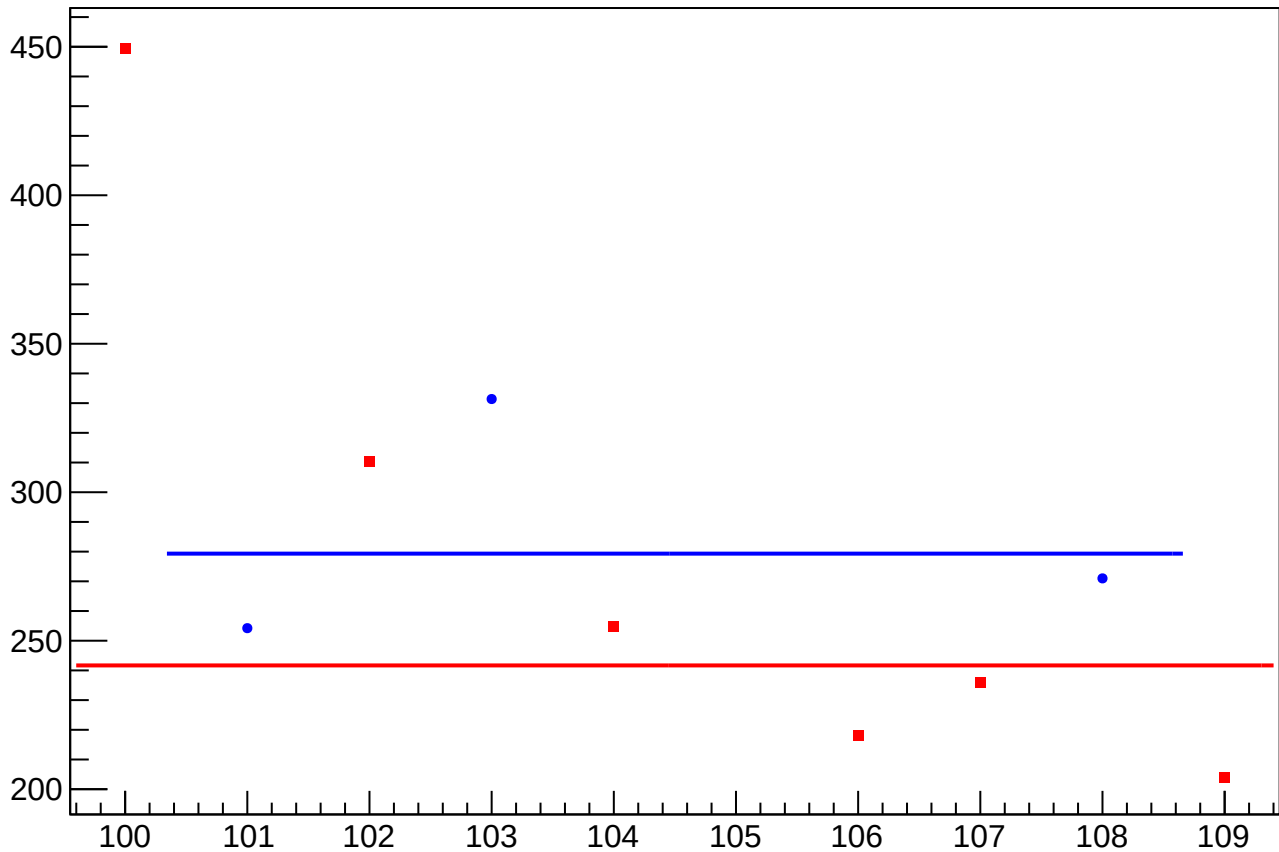
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -182.397 ± 132.085 χ^2/NDF : 6.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 279.323+/-0.157 χ^2/NDF : 42711.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.679+/-0.116 χ^2/NDF : 138644.3/5

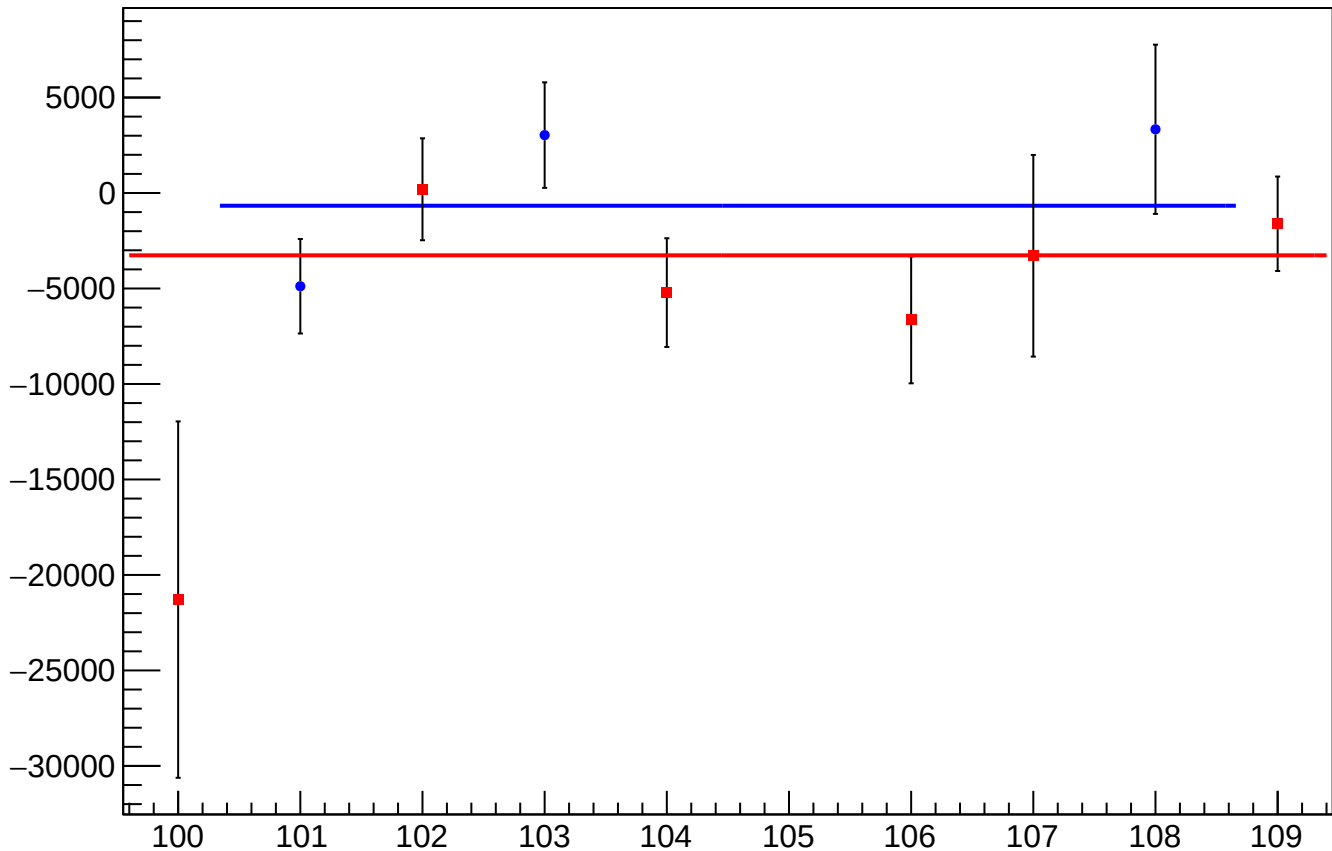
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 255.084+/-0.093 χ^2/NDF : 218603.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_correction_mean vs Slug



Right In: -666.471+/-1701.830 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3262.844+/-1329.588 χ^2/NDF : 7.4/5

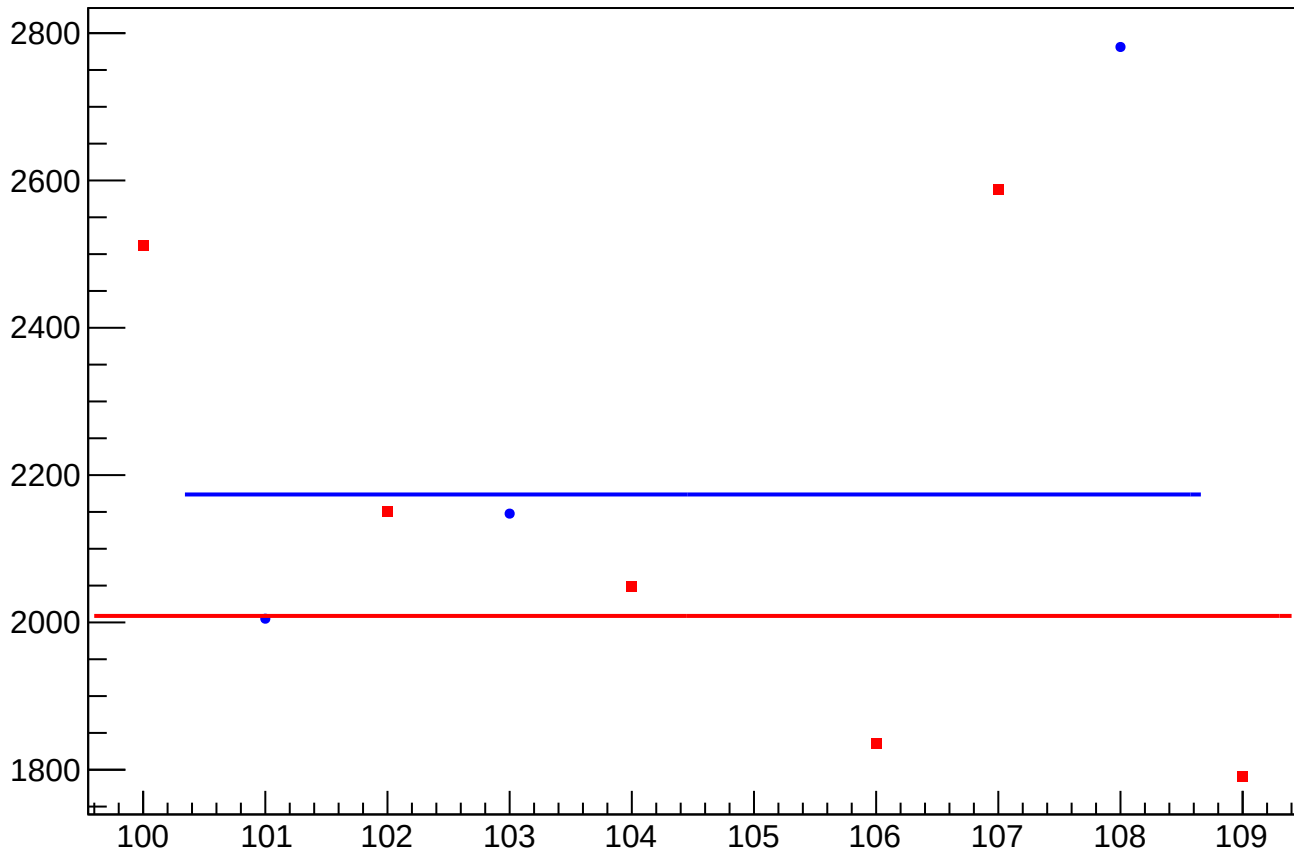
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2278.743+/-1047.738 χ^2/NDF : 14.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2173.705 $\pm$ 1.203 χ^2 /NDF: 47060.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2008.825 $\pm$ 0.940 χ^2 /NDF: 56862.1/5

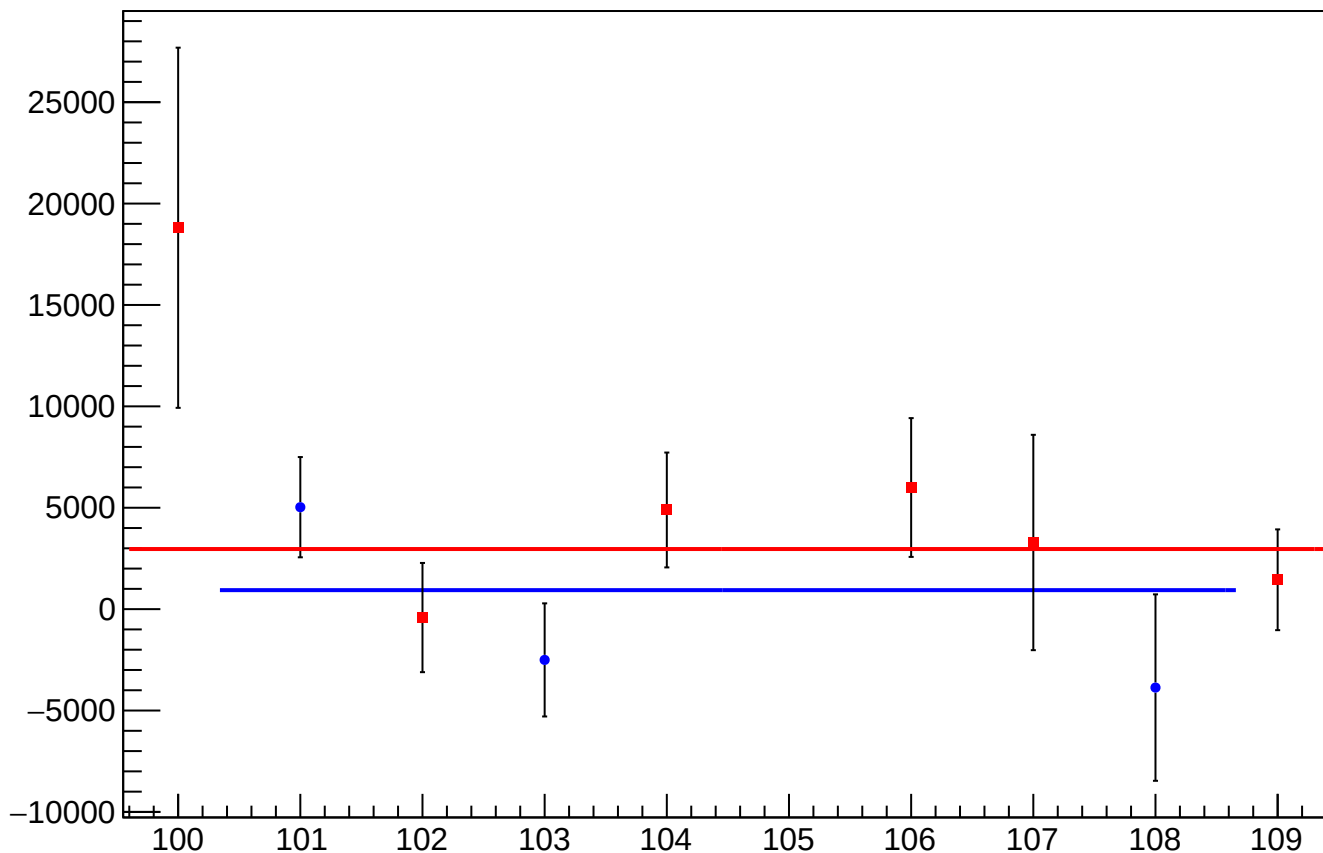
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2071.319 $\pm$ 0.741 χ^2 /NDF: 115580.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_mean vs Slug



Right In: 936.852 ± 1716.172 χ^2/NDF : 5.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2964.314 ± 1338.652 χ^2/NDF : 6.4/5

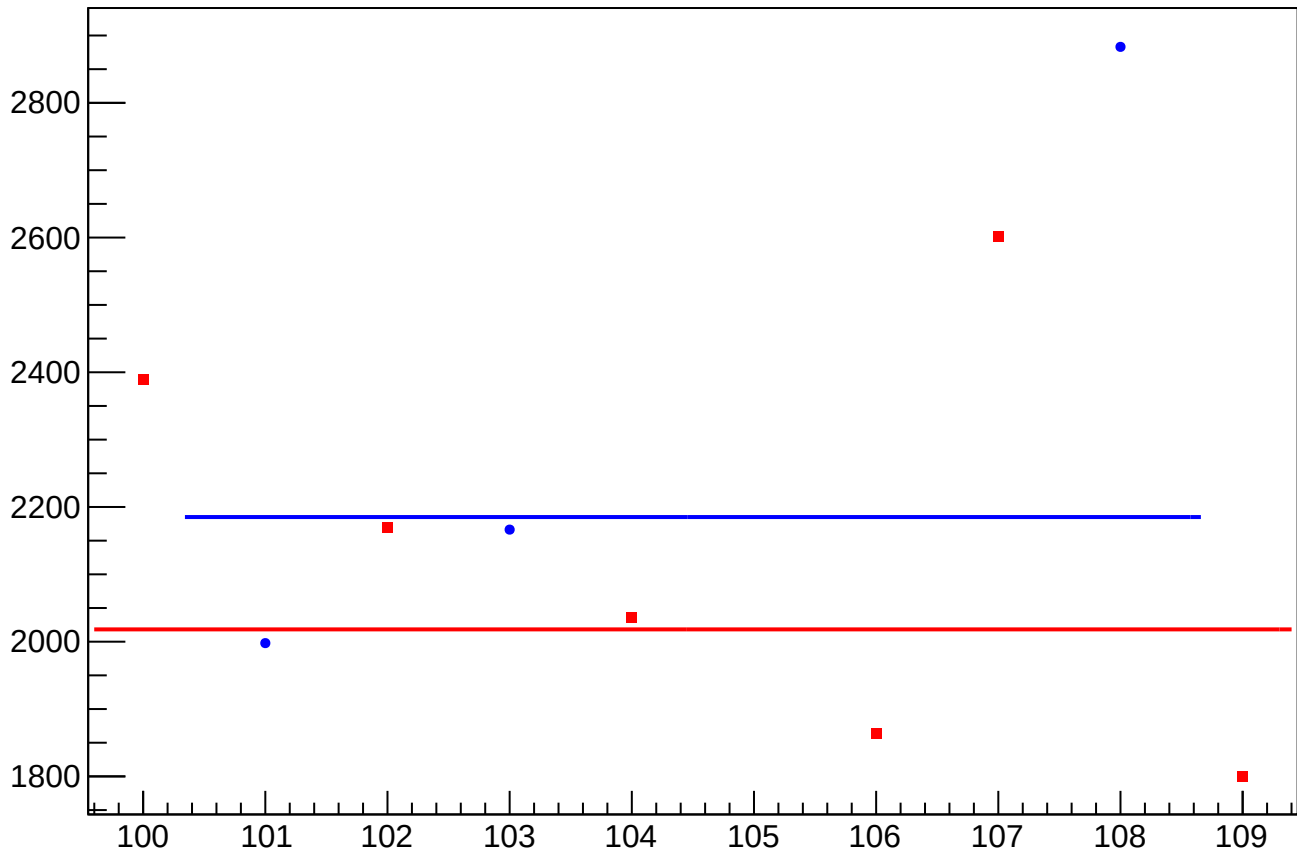
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2197.371 ± 1055.519 χ^2/NDF : 12.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2185.058+/-1.214 χ^2/NDF : 57679.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2018.260+/-0.947 χ^2/NDF : 53563.3/5

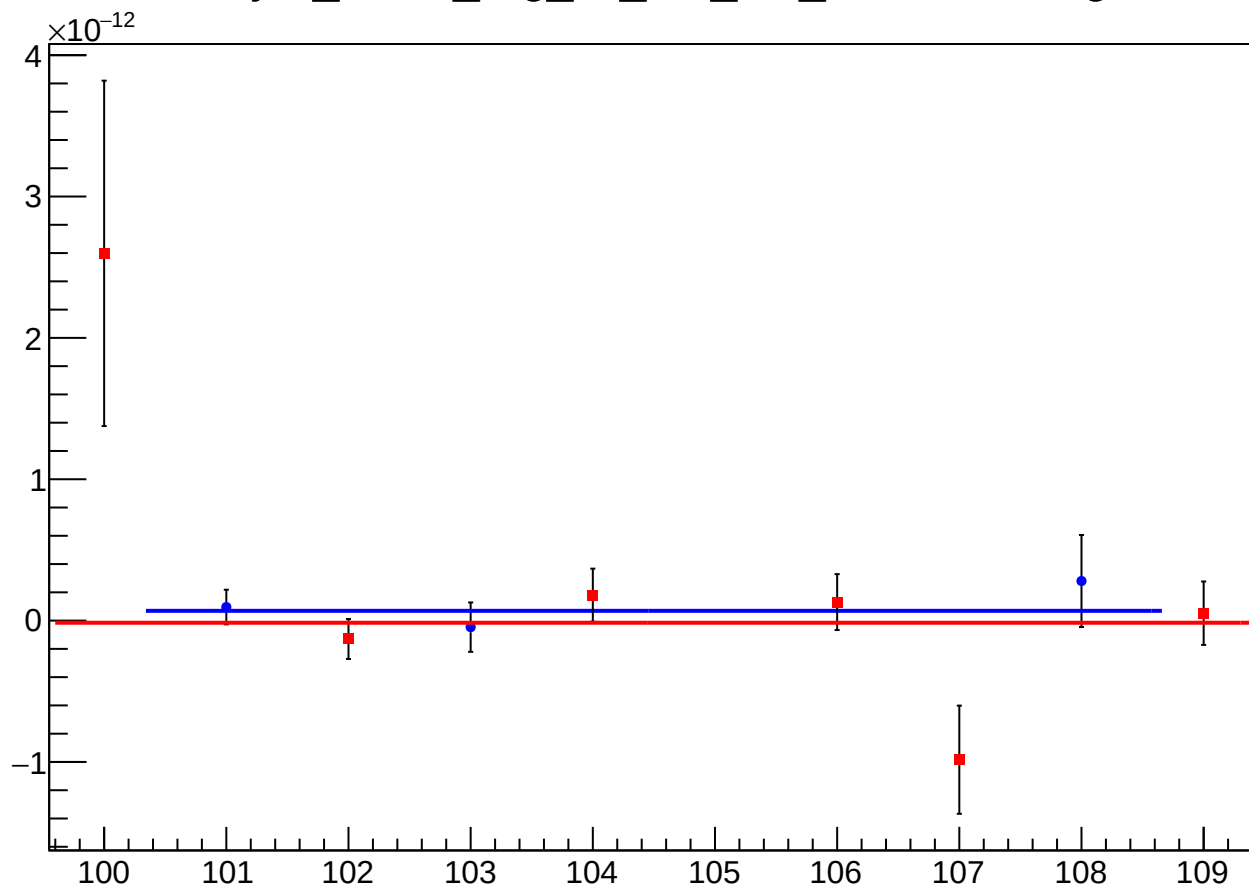
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.356+/-0.746 χ^2/NDF : 122988.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.4/5

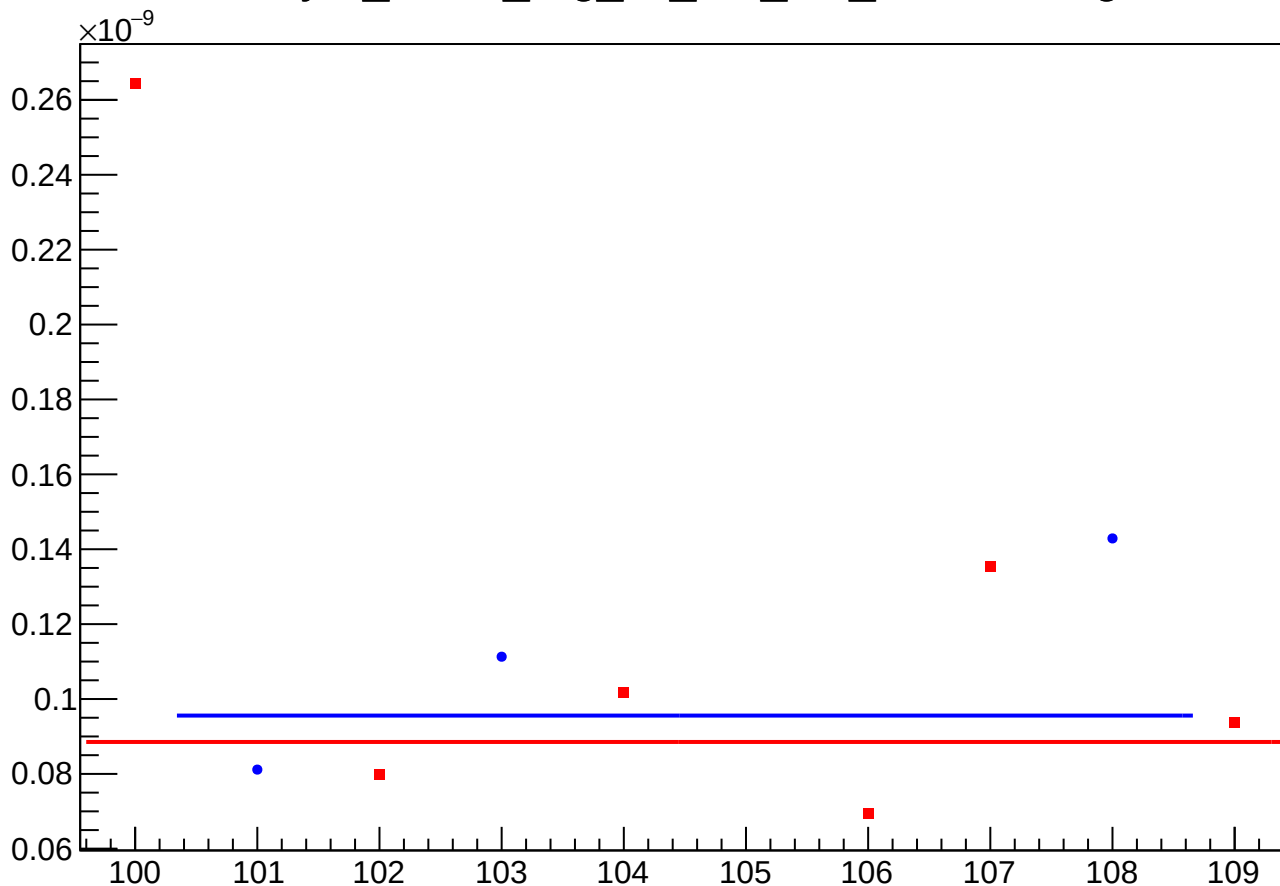
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 14.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 86184.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 108677.3/5

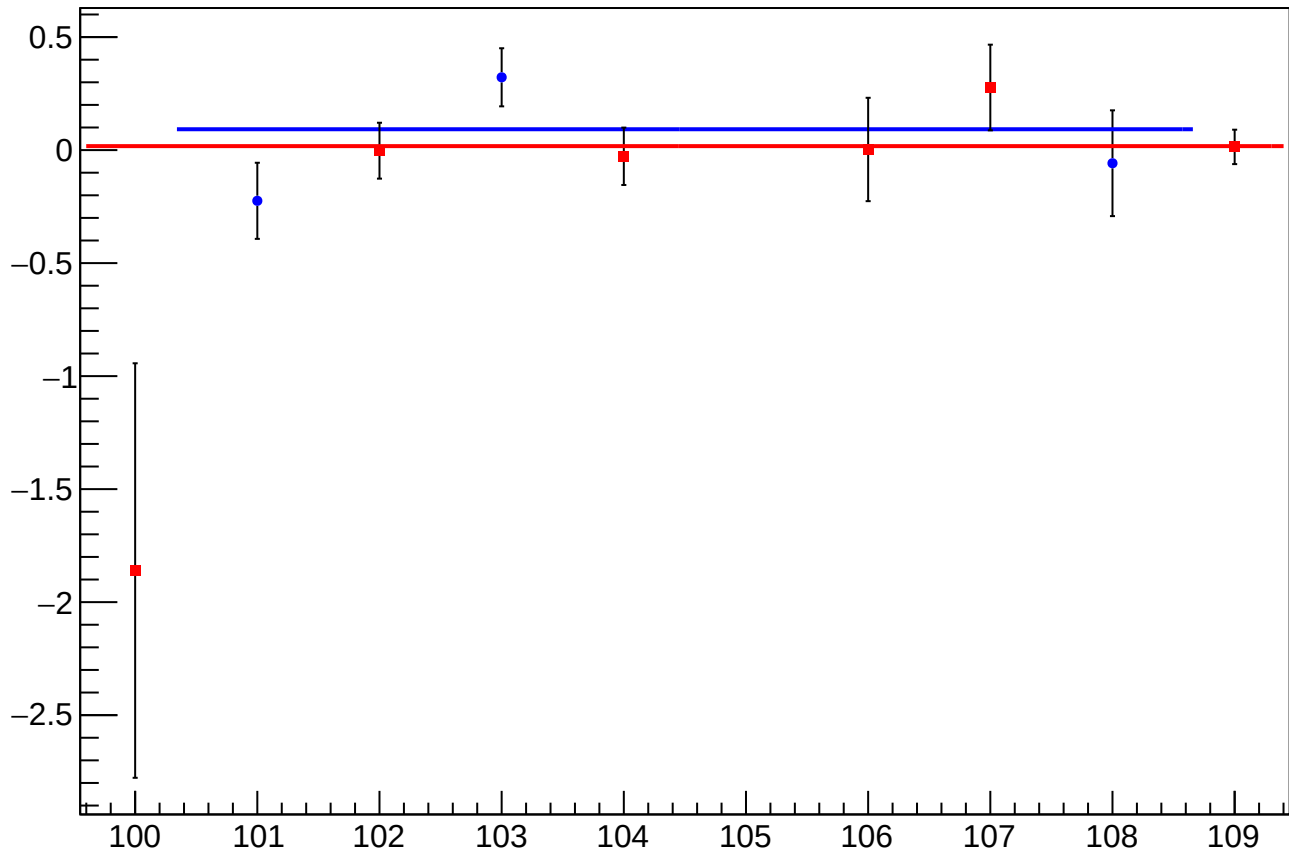
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 200771.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.092 $\pm$ 0.094 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.054 χ^2 /NDF: 6.2/5

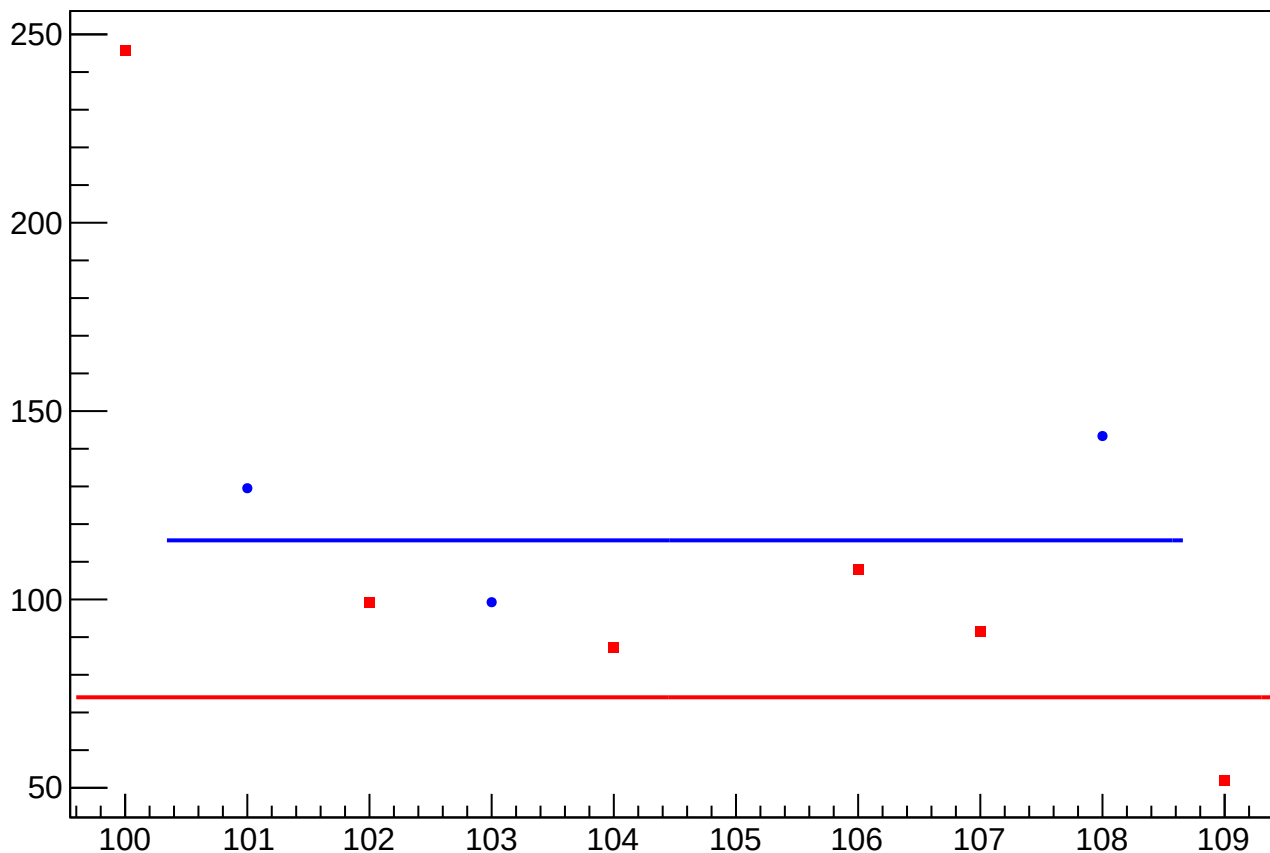
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.047 χ^2 /NDF: 13.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 115.687 $\pm$ 0.066 χ^2 /NDF: 74161.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.028 $\pm$ 0.038 χ^2 /NDF: 405465.2/5

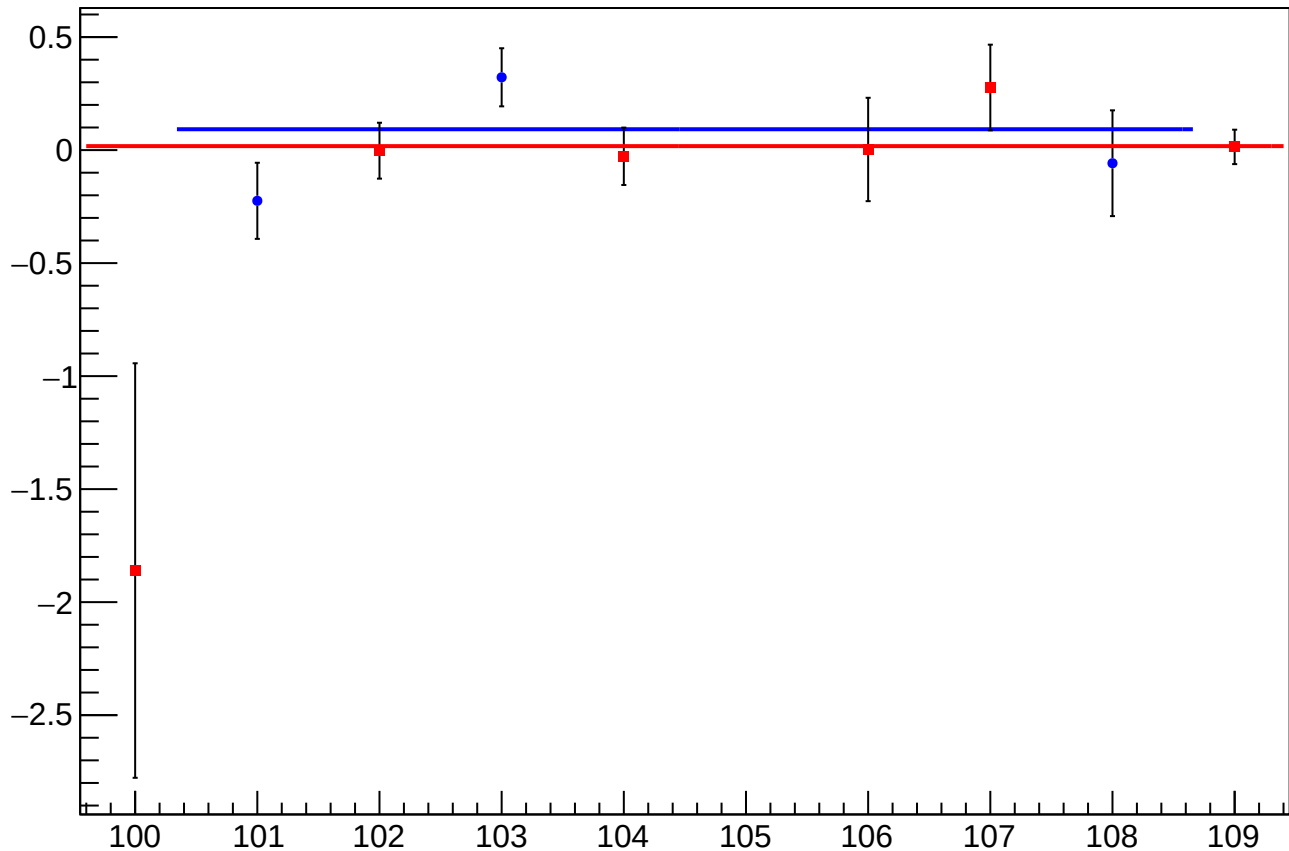
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.309 $\pm$ 0.033 χ^2 /NDF: 777862.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.092 $\pm$ 0.094 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.054 χ^2 /NDF: 6.2/5

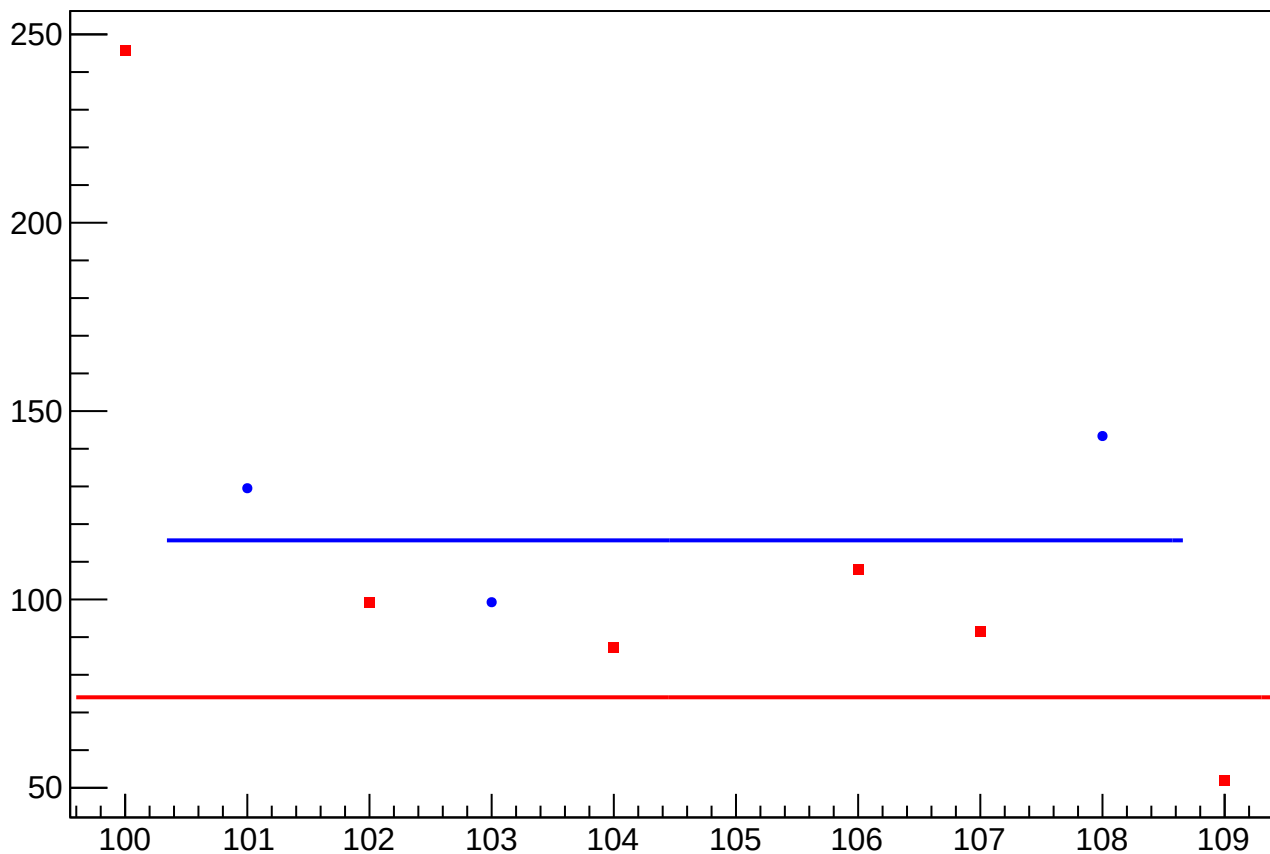
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.047 χ^2 /NDF: 13.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 115.687 $\pm$ 0.066 χ^2 /NDF: 74161.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.028 $\pm$ 0.038 χ^2 /NDF: 405465.2/5

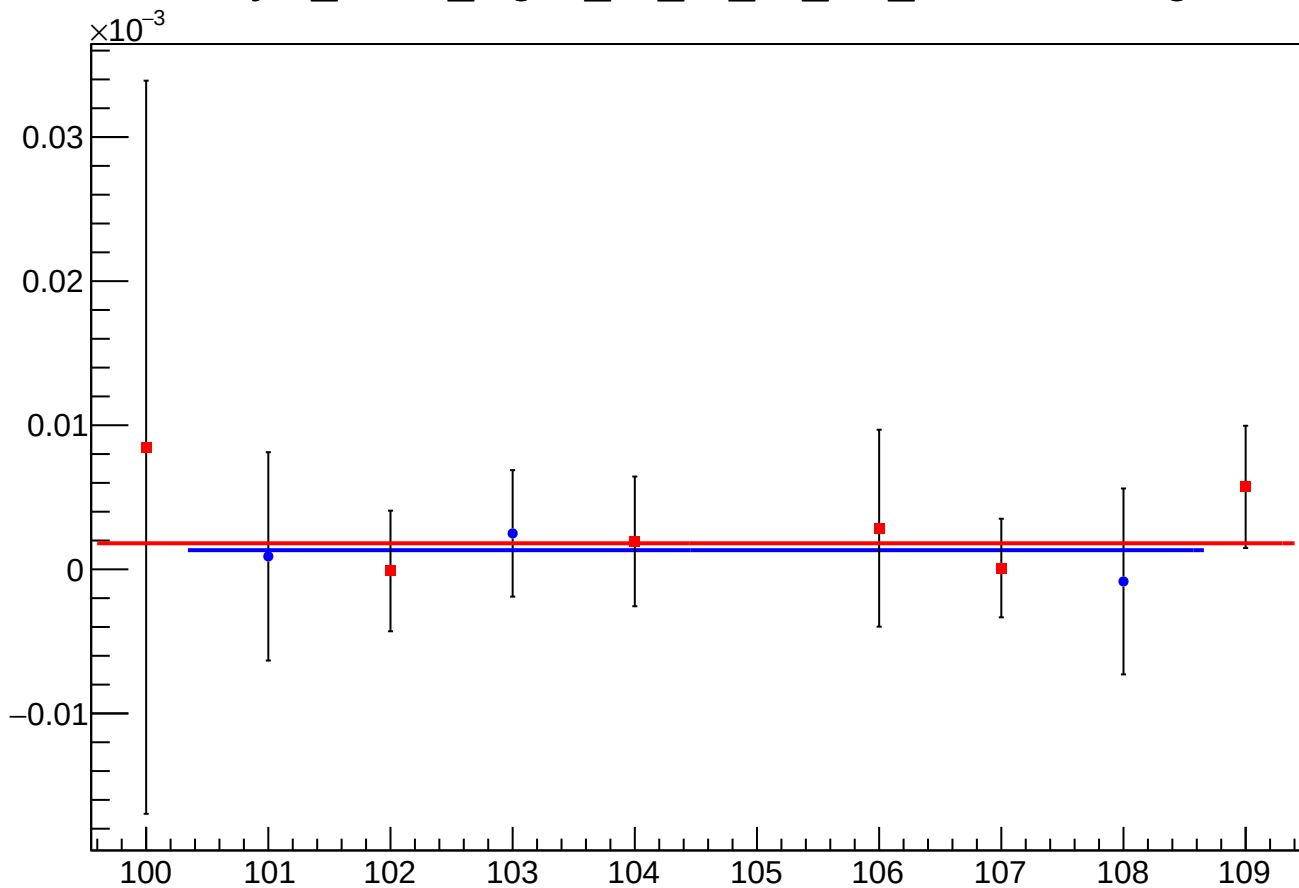
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.309 $\pm$ 0.033 χ^2 /NDF: 777862.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/5

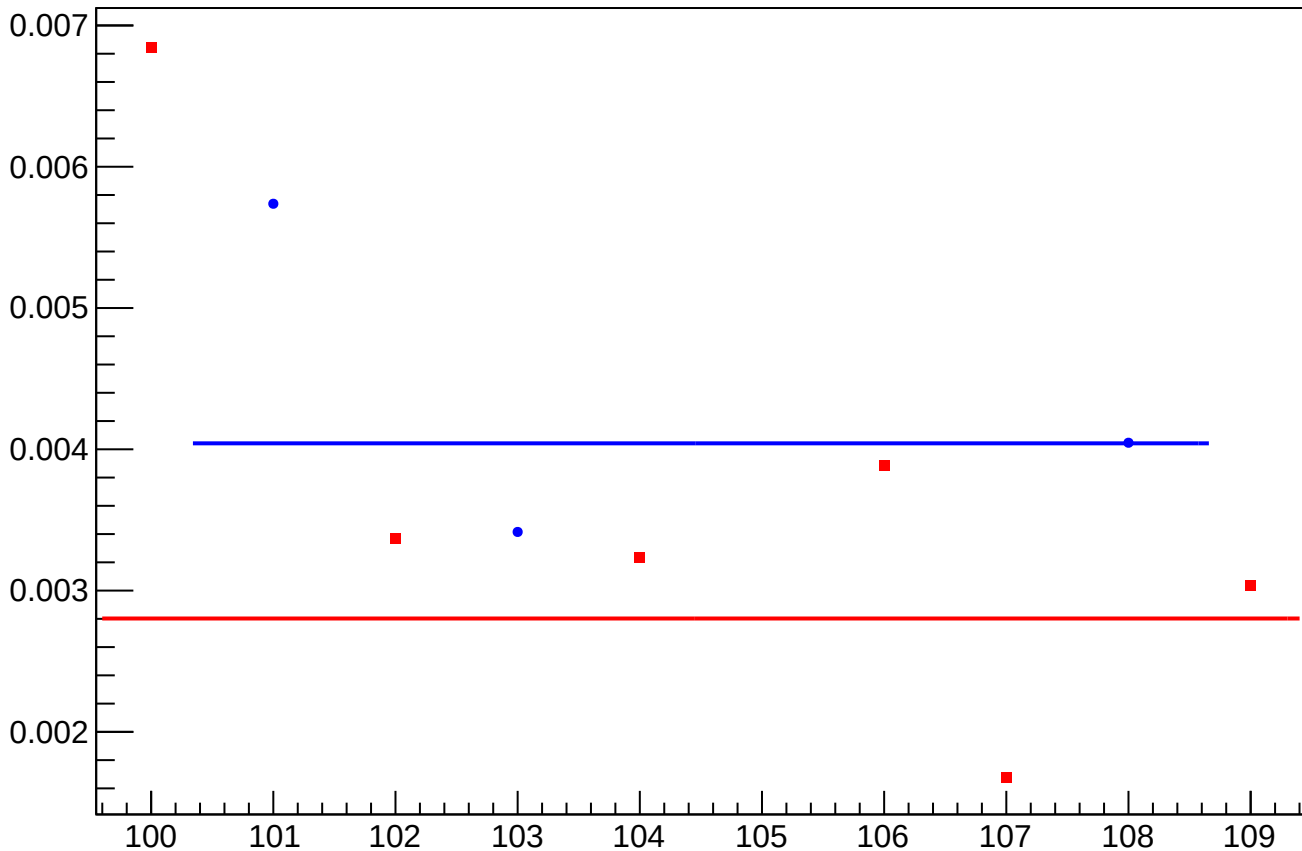
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 150866.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 377887.9/5

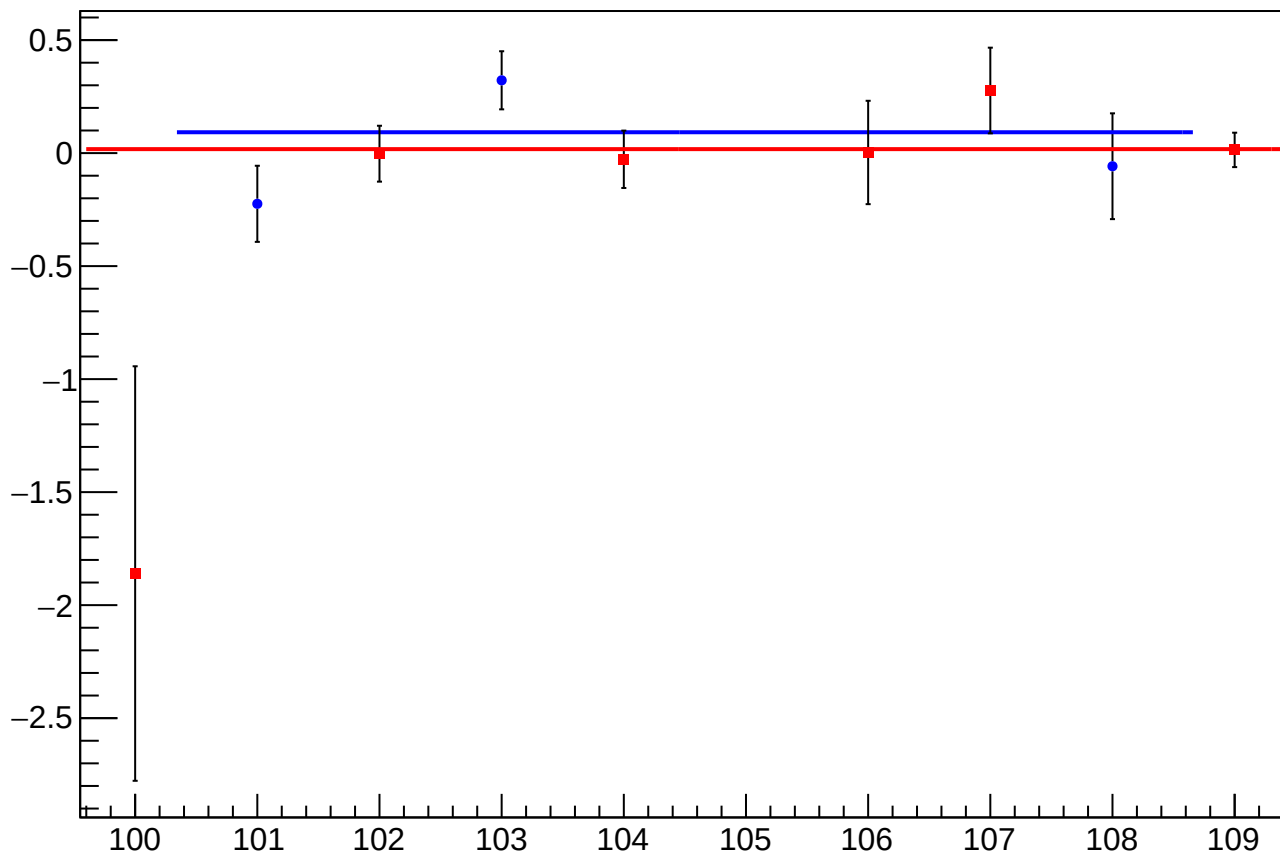
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 744975.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.092 $\pm$ 0.094 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.054 χ^2 /NDF: 6.2/5

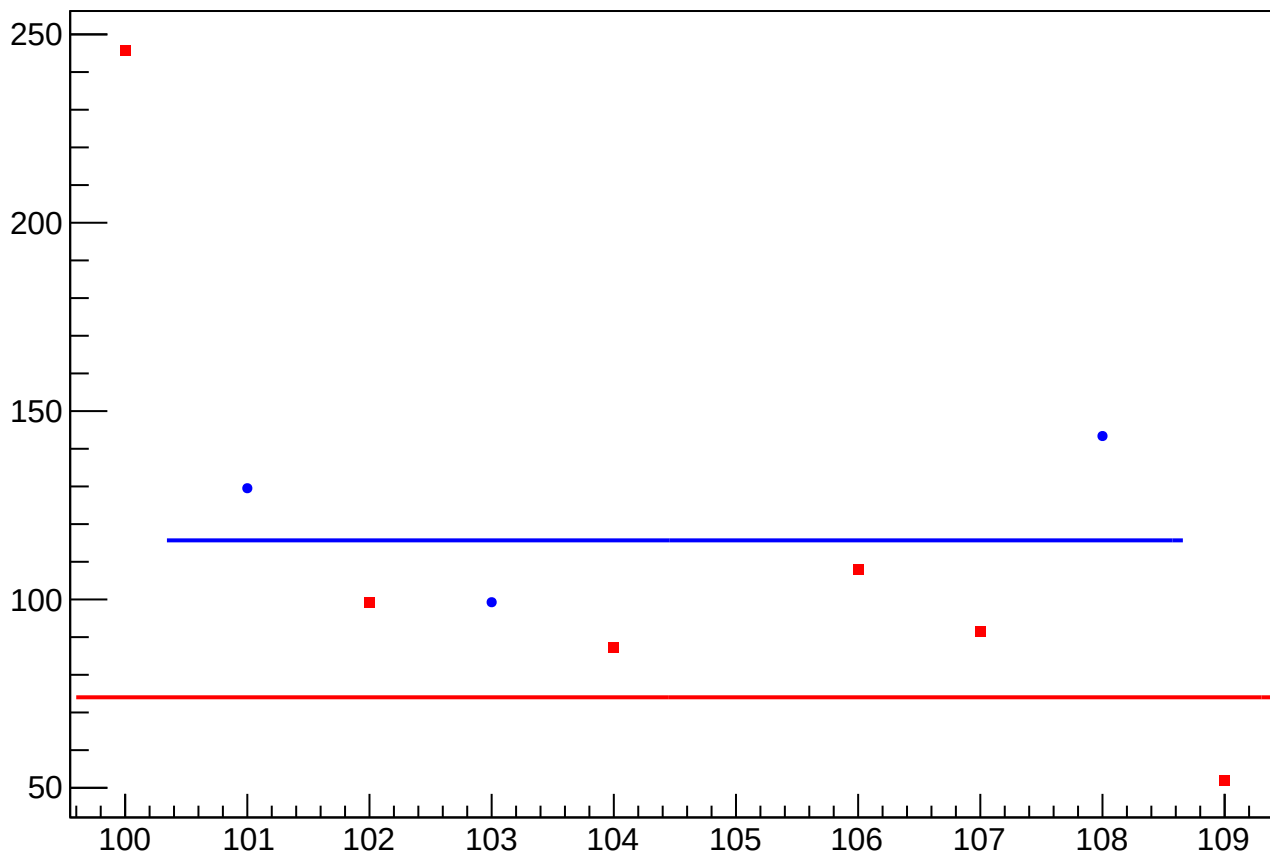
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.047 χ^2 /NDF: 13.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 115.688 $\pm$ 0.066 χ^2 /NDF: 74170.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.029 $\pm$ 0.038 χ^2 /NDF: 405432.4/5

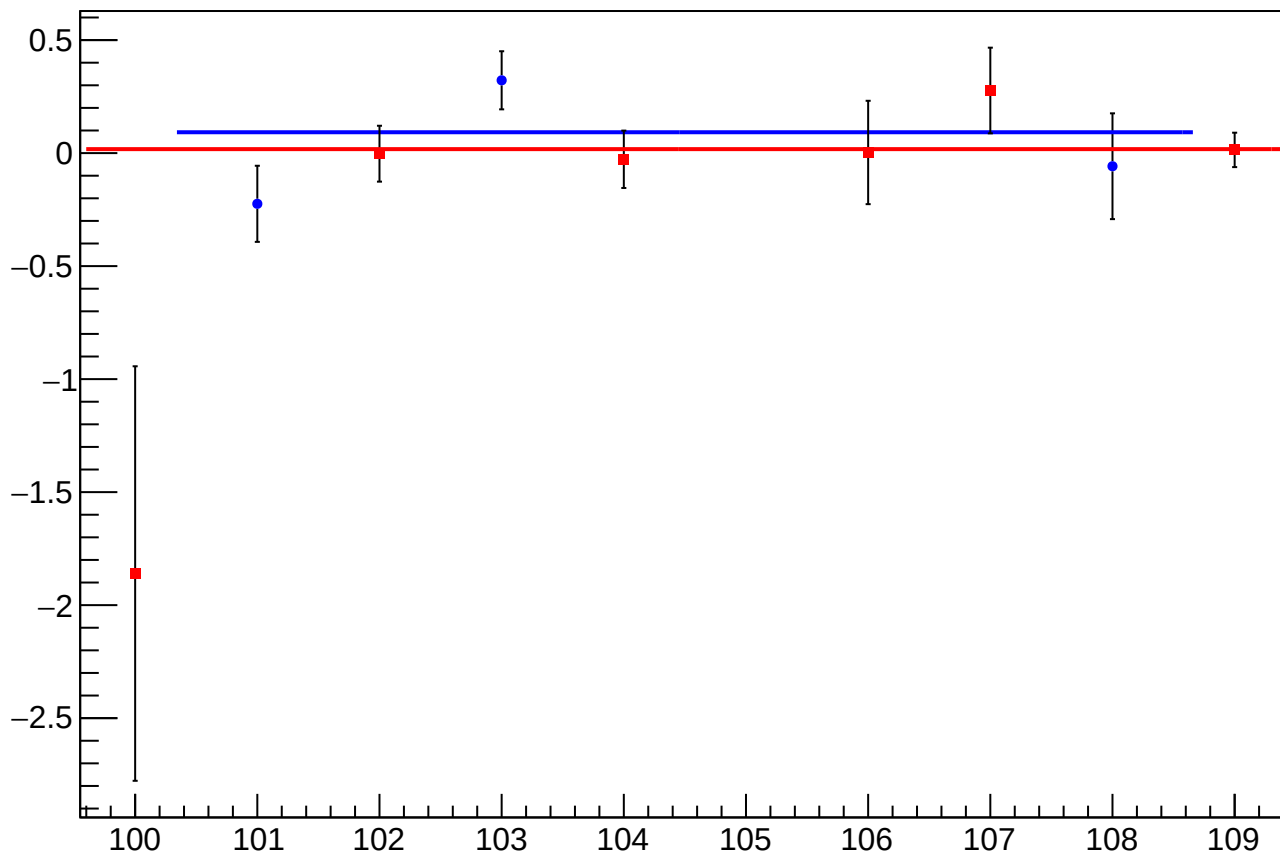
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.310 $\pm$ 0.033 χ^2 /NDF: 777825.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.092 $\pm$ 0.094 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.054 χ^2 /NDF: 6.2/5

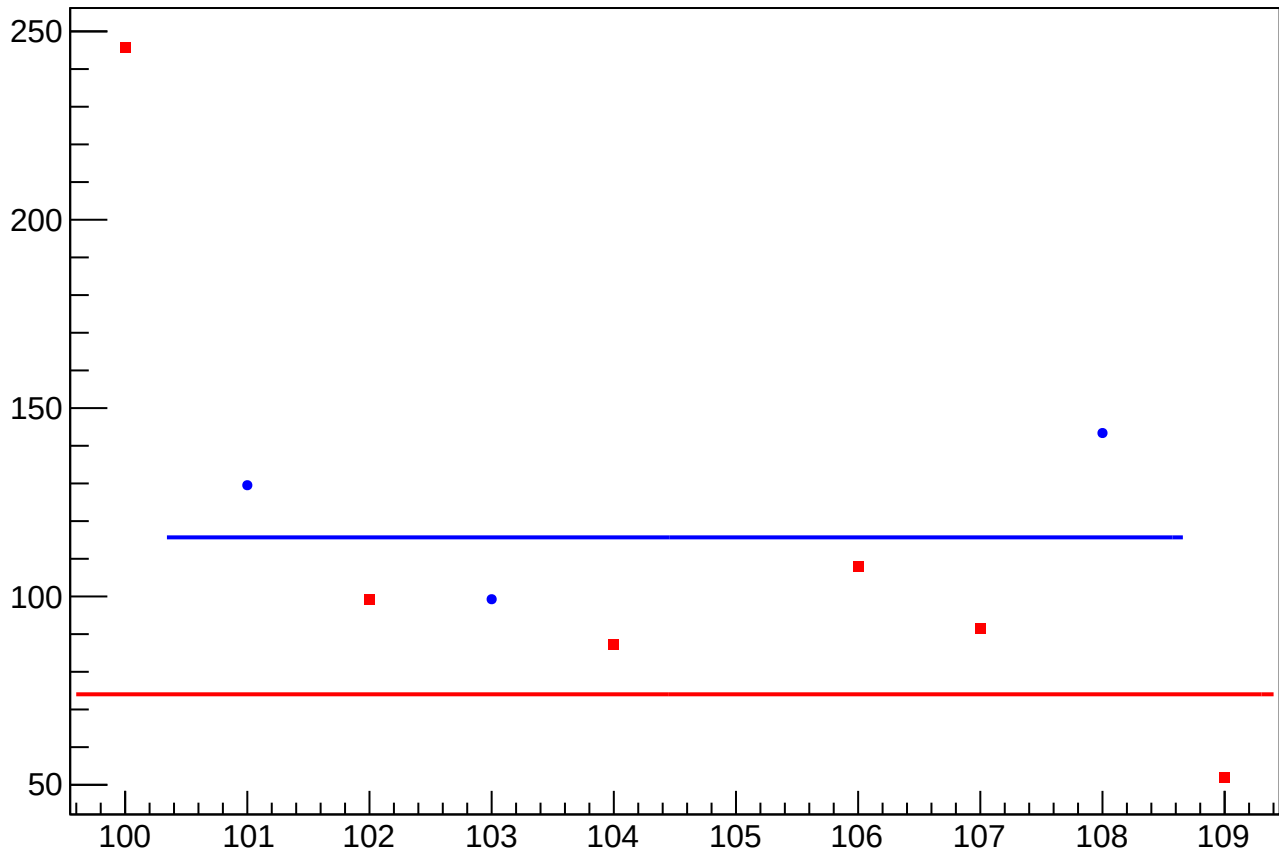
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.047 χ^2 /NDF: 13.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 115.688 $\pm$ 0.066 χ^2 /NDF: 74170.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.029 $\pm$ 0.038 χ^2 /NDF: 405432.4/5

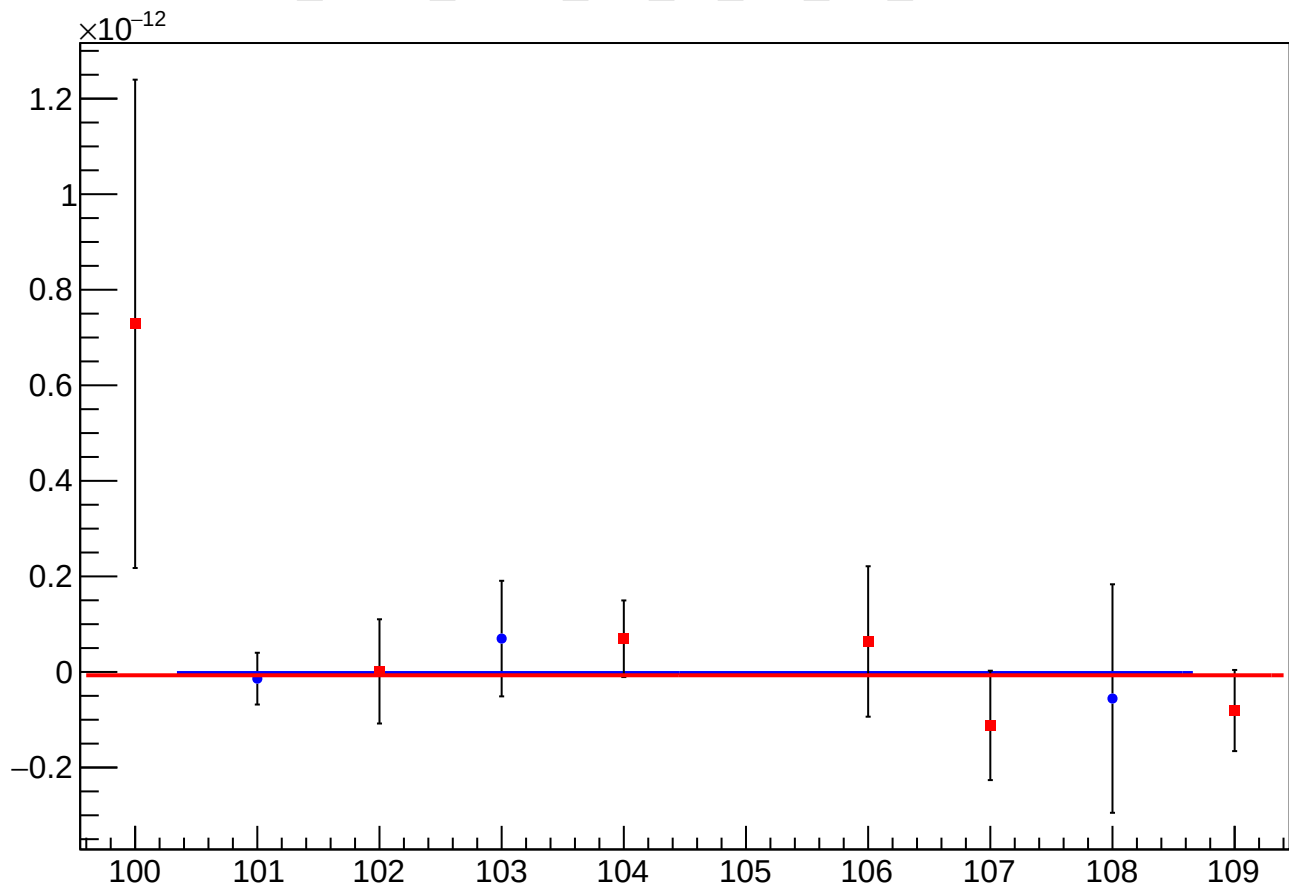
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 84.310 $\pm$ 0.033 χ^2 /NDF: 777825.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.8/5

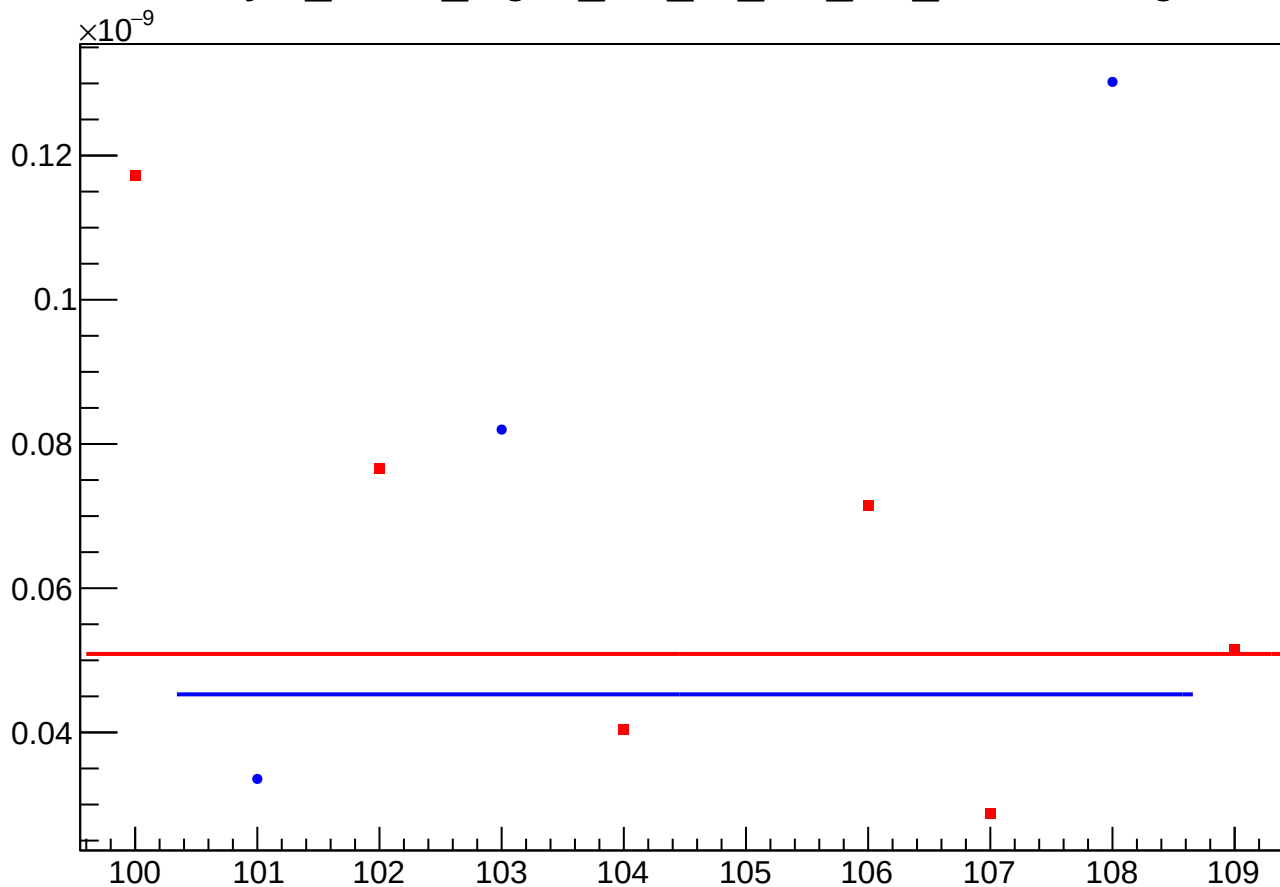
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 530259.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 287615.8/5

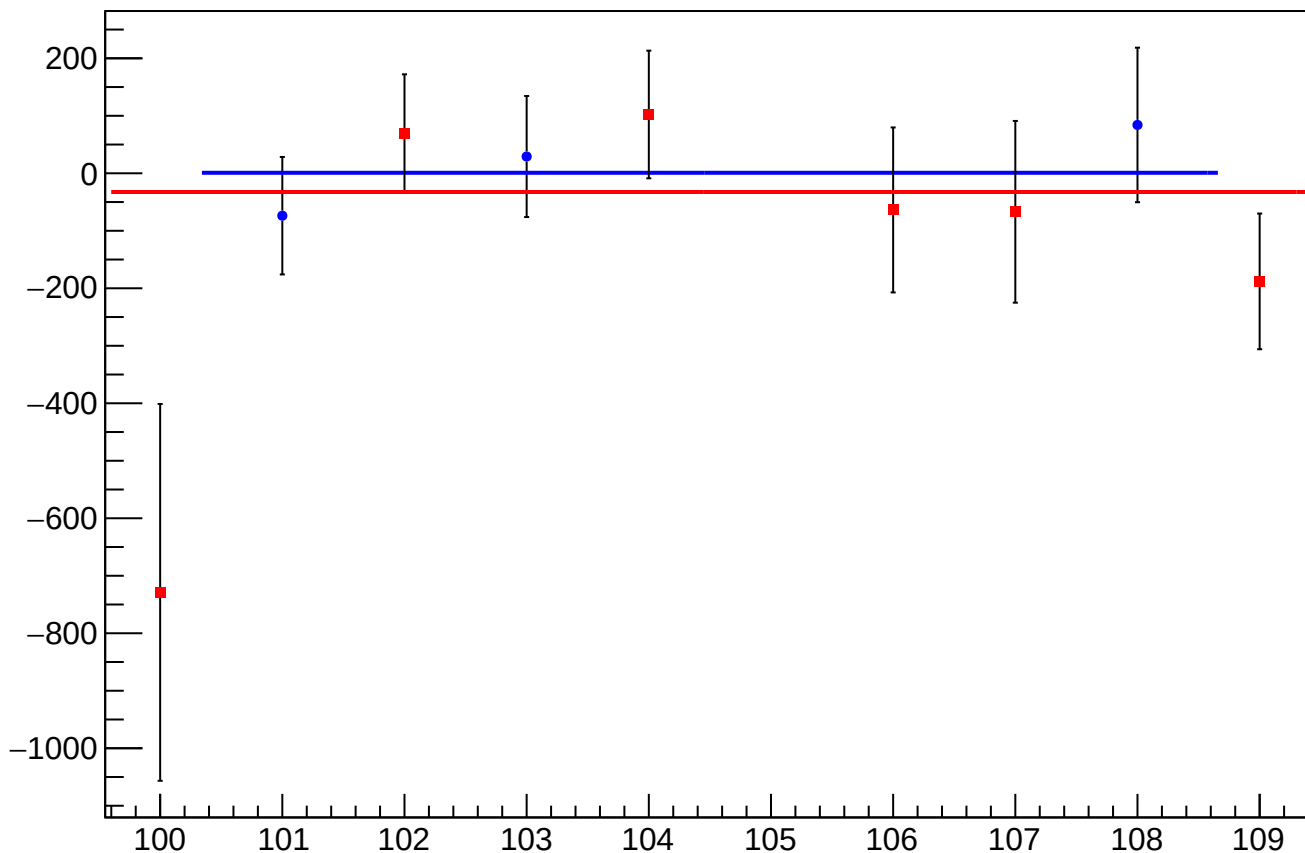
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 832316.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



Right In: 0.902 ± 64.359 $\chi^2/\text{NDF}: 1.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -32.510 ± 53.809 $\chi^2/\text{NDF}: 8.8/5$

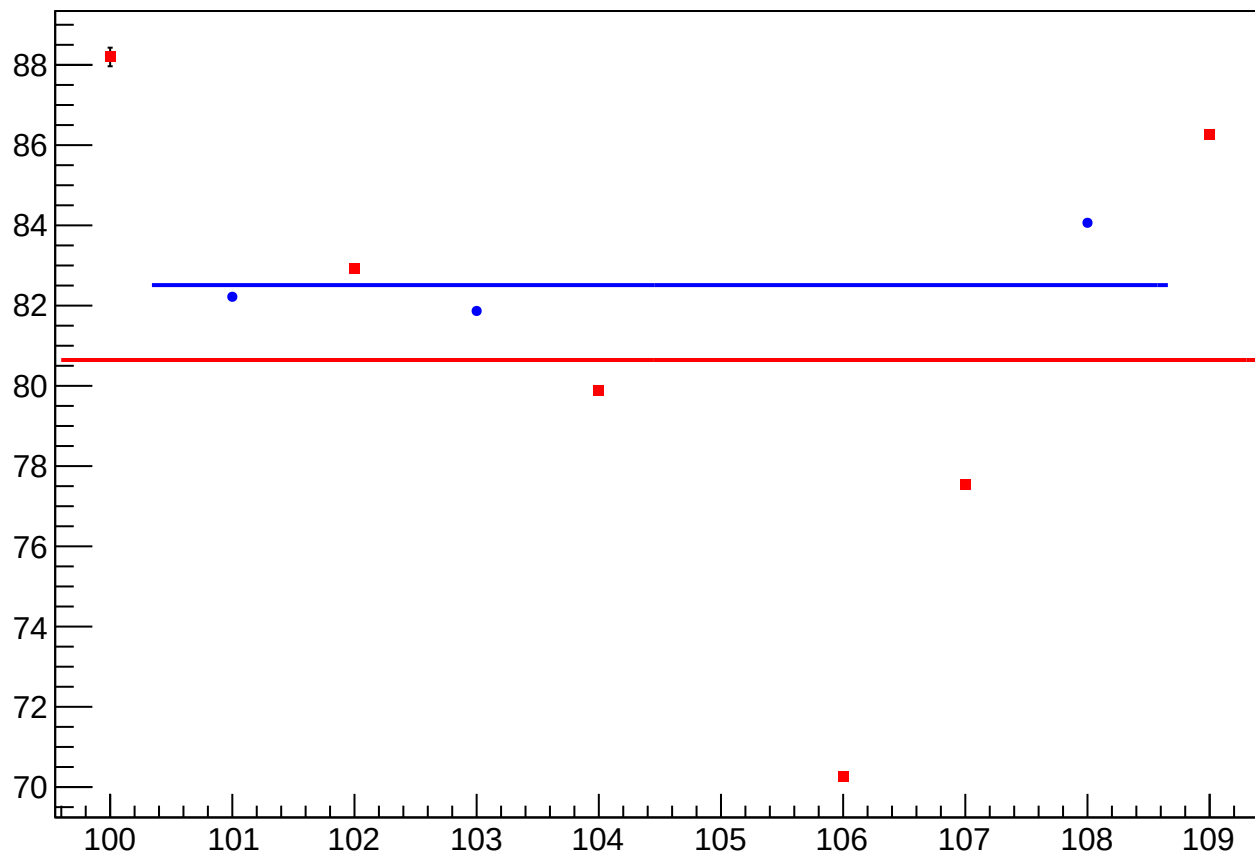
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.764 ± 41.281 $\chi^2/\text{NDF}: 9.9/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam5_rms vs Slug



Right In: 82.511+/-0.046 χ^2/NDF : 358.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.645+/-0.038 χ^2/NDF : 17946.1/5

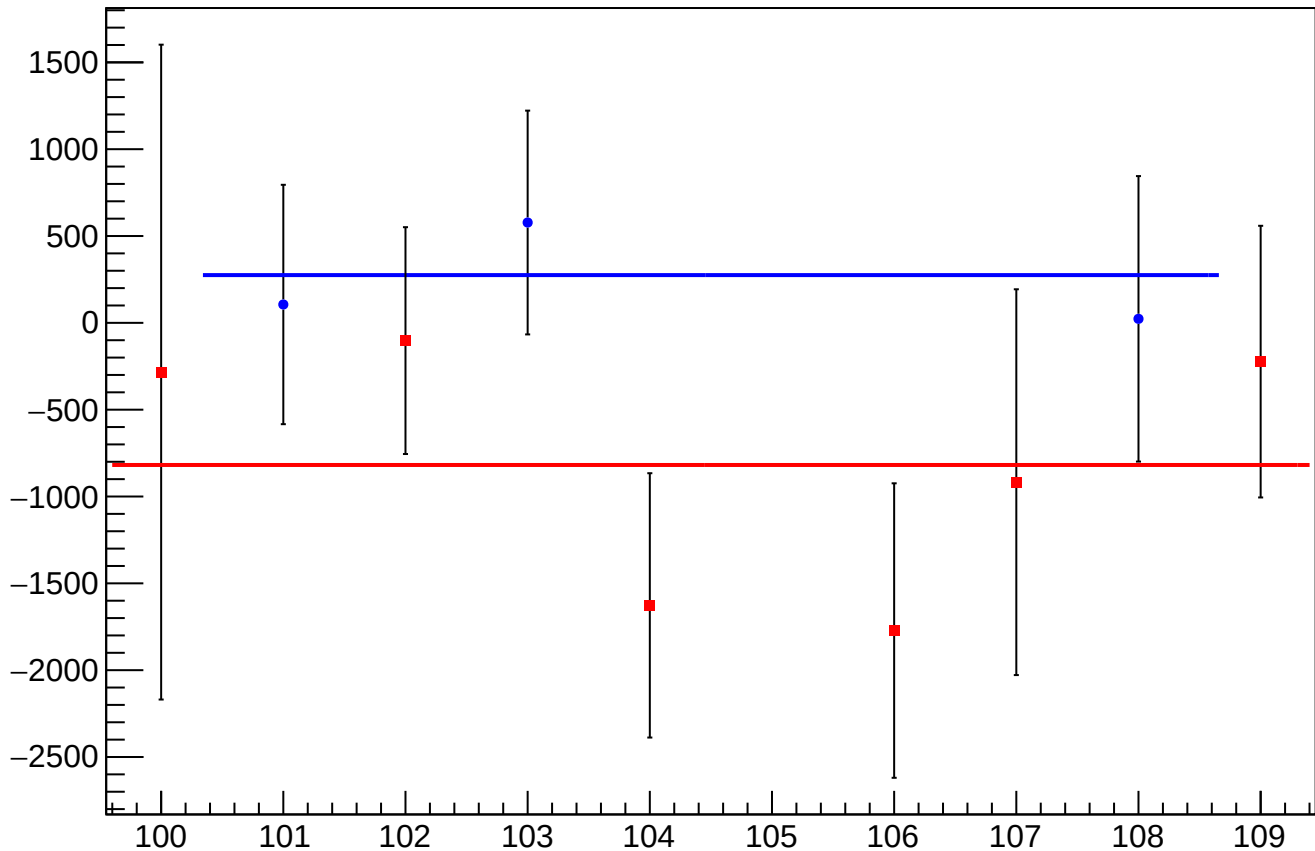
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.412+/-0.029 χ^2/NDF : 19294.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 275.000 $\pm$ 408.453 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -818.413 $\pm$ -349.467 χ^2 /NDF: 4.3/5

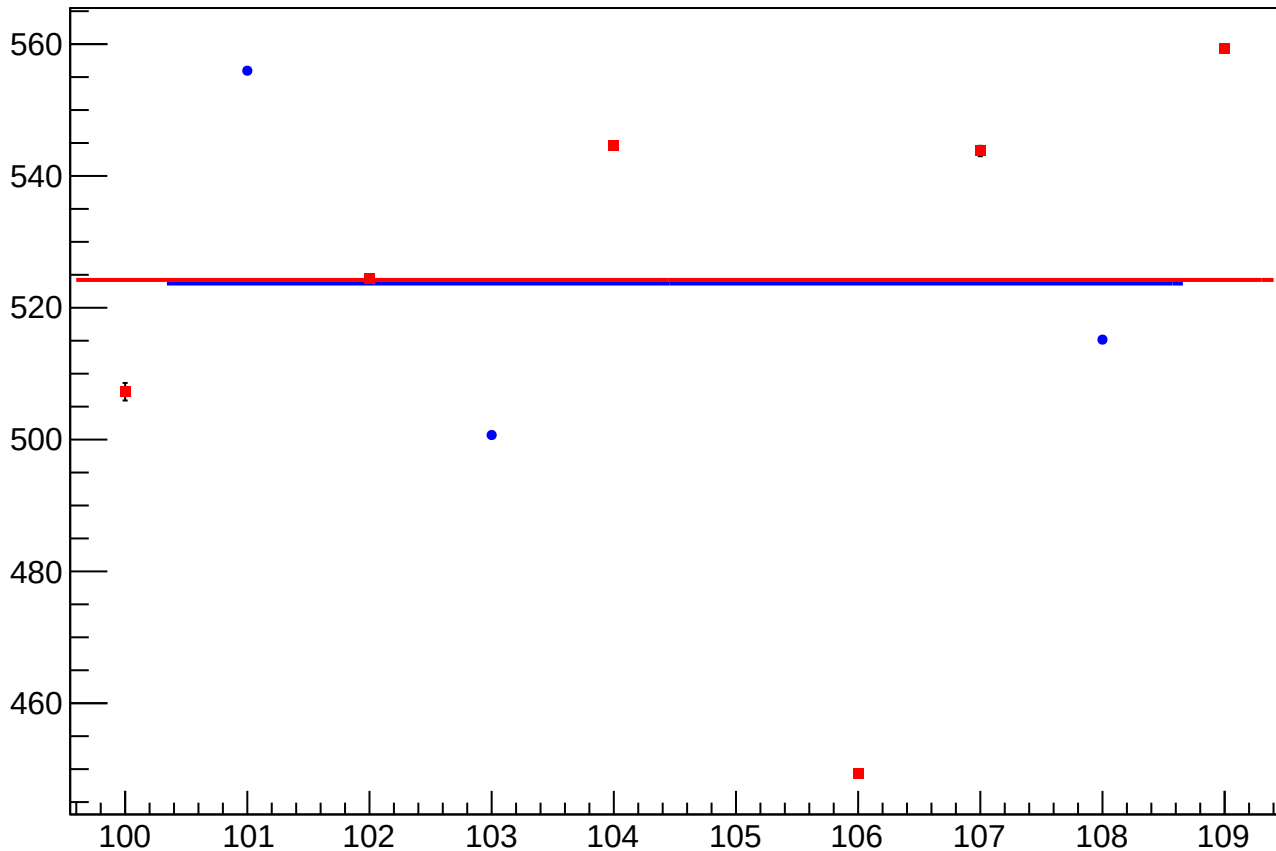
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: -356.290 $\pm$ -265.539 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 523.680 $\pm$ 0.289 χ^2 /NDF: 7149.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 524.223 $\pm$ 0.247 χ^2 /NDF: 21871.9/5

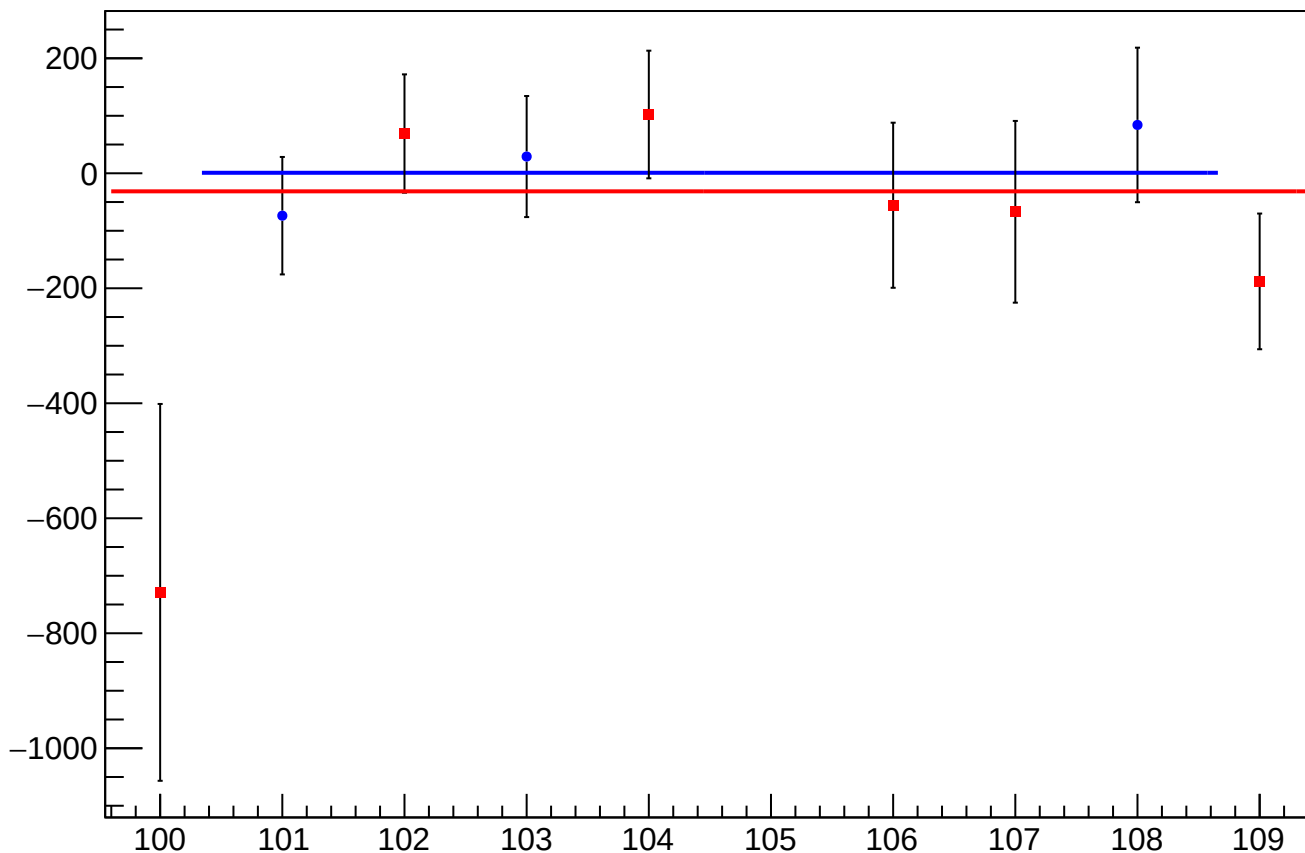
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 523.993 $\pm$ 0.188 χ^2 /NDF: 29023.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam5_mean vs Slug



Right In: 0.873 ± 64.359 χ^2/NDF : 1.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.415 ± 53.817 χ^2/NDF : 8.8/5

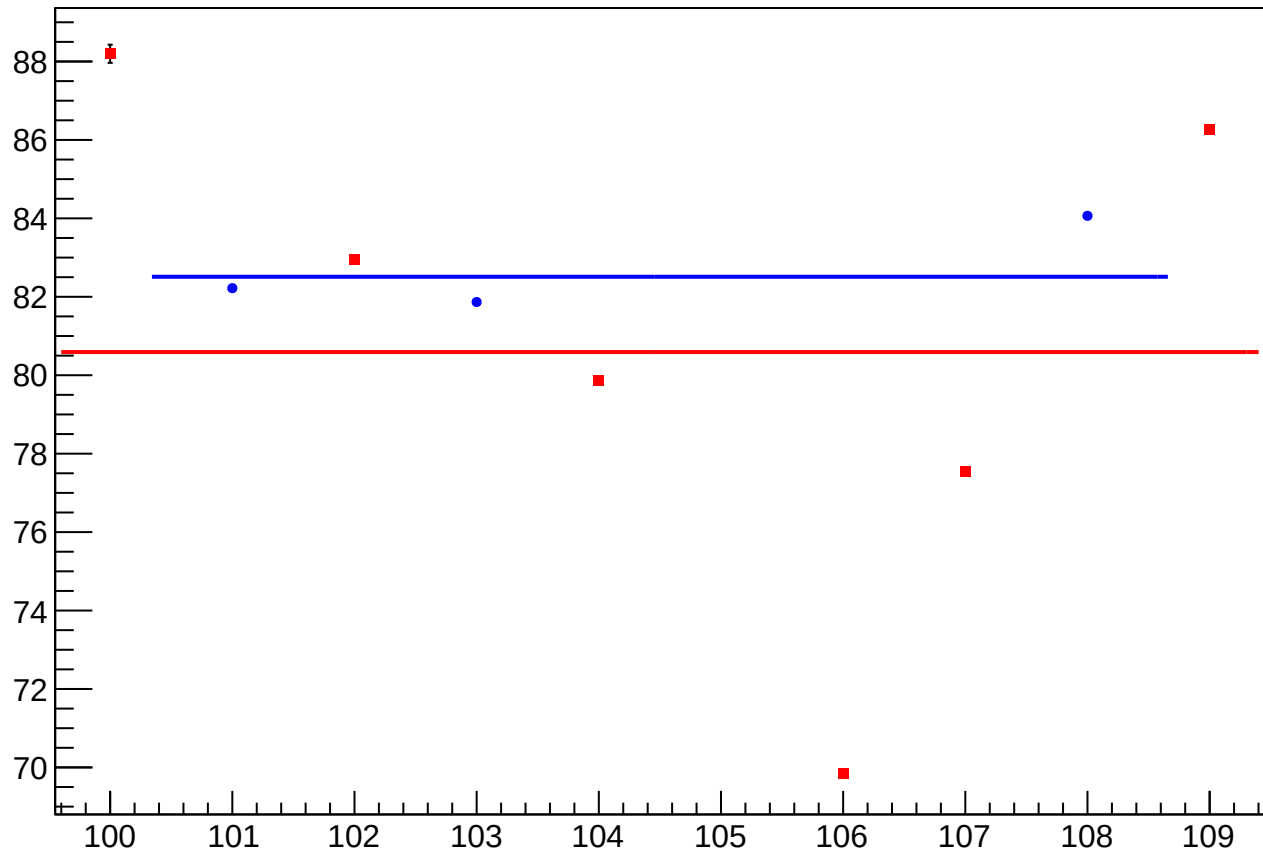
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.129 ± 41.285 χ^2/NDF : 9.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_rms vs Slug



Right In: 82.511+/-0.046 χ^2/NDF : 358.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.591+/-0.038 χ^2/NDF : 18808.1/5

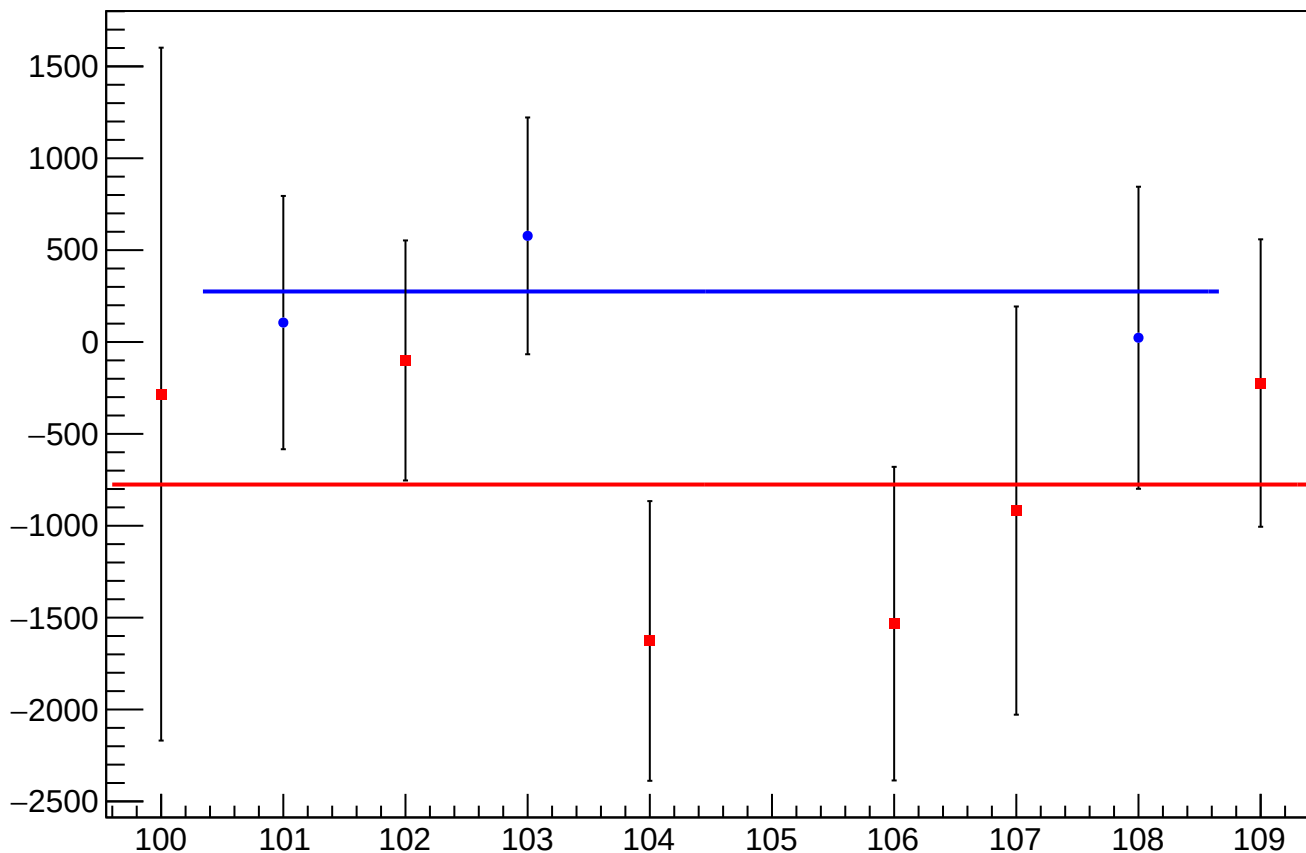
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.381+/-0.029 χ^2/NDF : 20214.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 274.996 $\pm$ 408.452 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -775.648 $\pm$ 349.855 χ^2 /NDF: 3.7/5

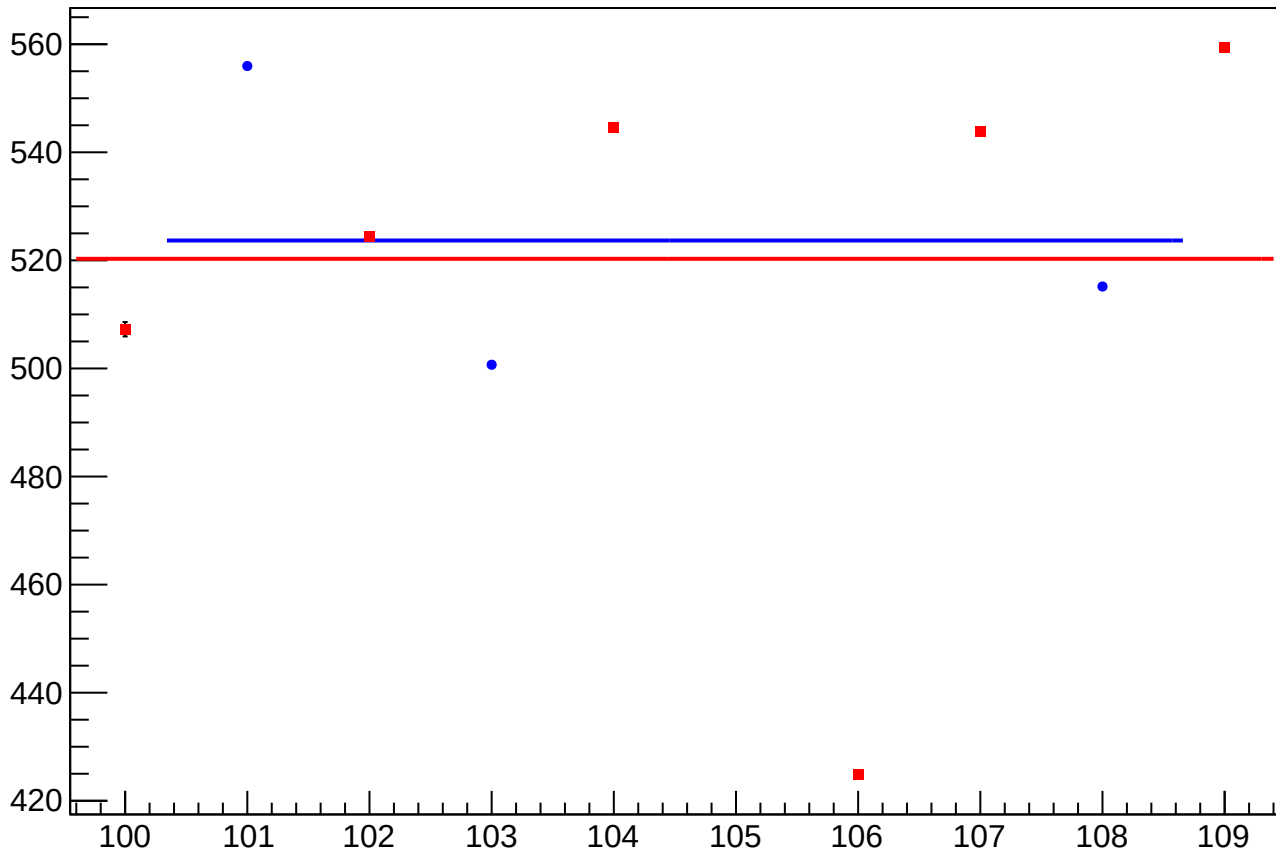
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -331.032 $\pm$ 265.709 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_cor_correction_rms vs Slug



Right In: 523.679 $\pm$ 0.289 χ^2 /NDF: 7150.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 520.290 $\pm$ 0.247 χ^2 /NDF: 33111.5/5

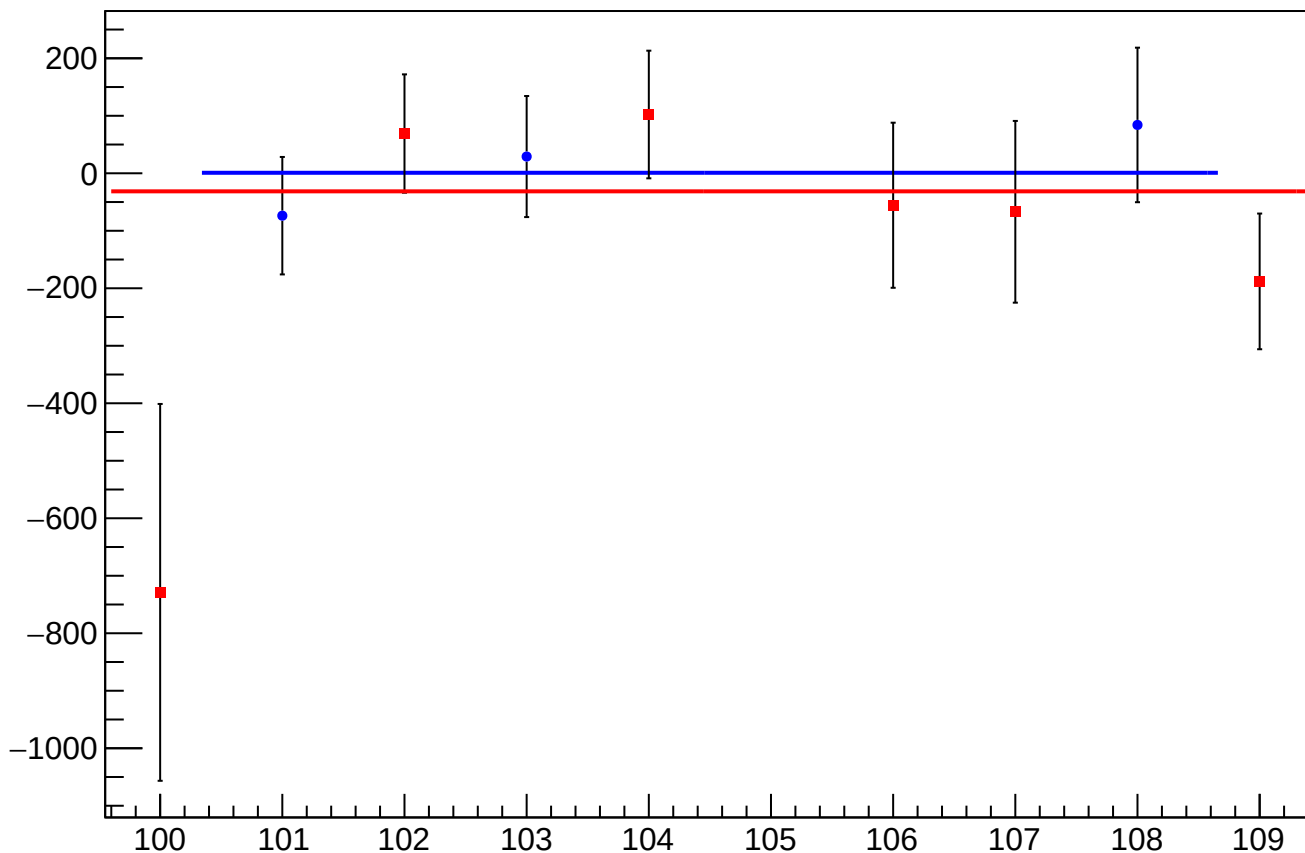
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 521.724 $\pm$ 0.188 χ^2 /NDF: 40341.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam5_mean vs Slug



Right In: 0.873 ± 64.359 $\chi^2/\text{NDF}: 1.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -31.415 ± 53.817 $\chi^2/\text{NDF}: 8.8/5$

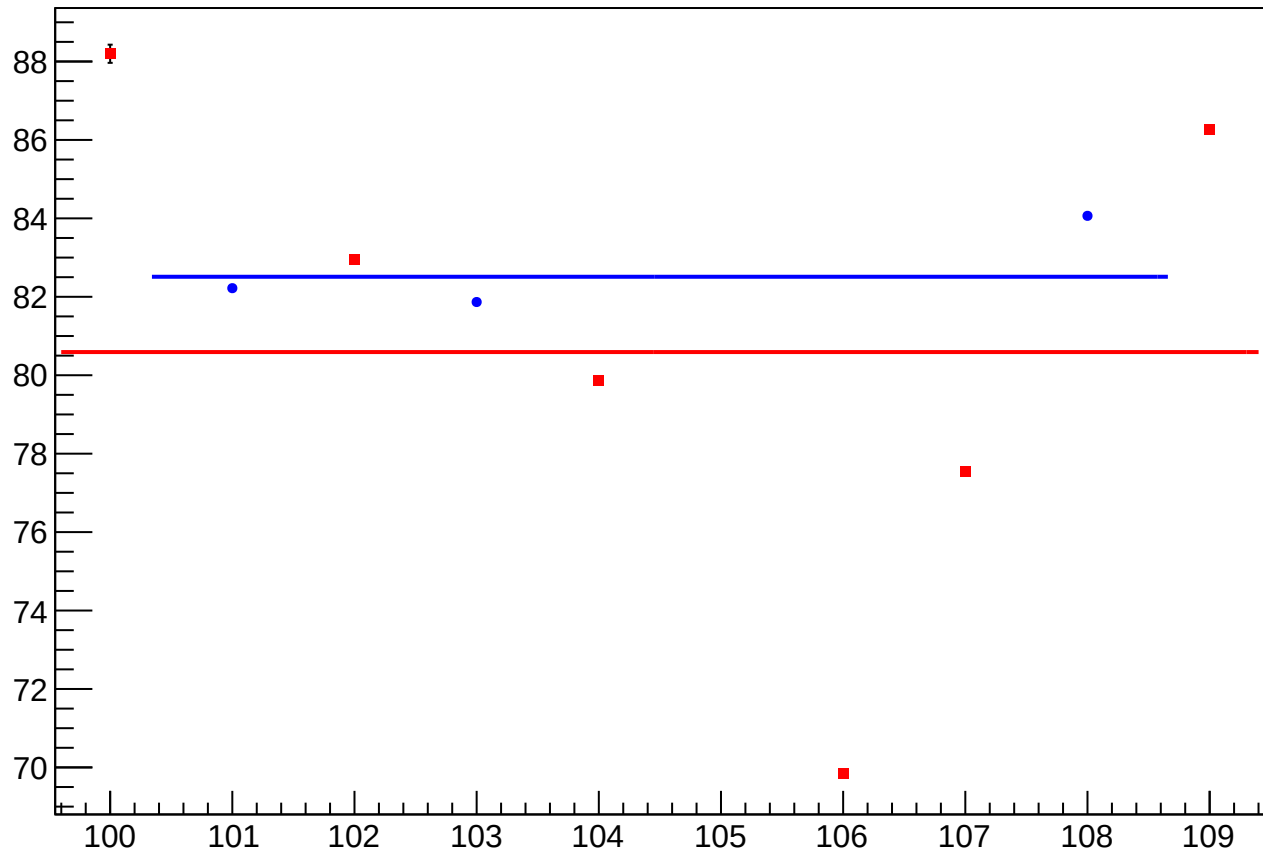
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.129 ± 41.285 $\chi^2/\text{NDF}: 9.9/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

eigen_cor_asym_sam5_rms vs Slug



Right In: 82.511+/-0.046 χ^2/NDF : 358.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.591+/-0.038 χ^2/NDF : 18808.1/5

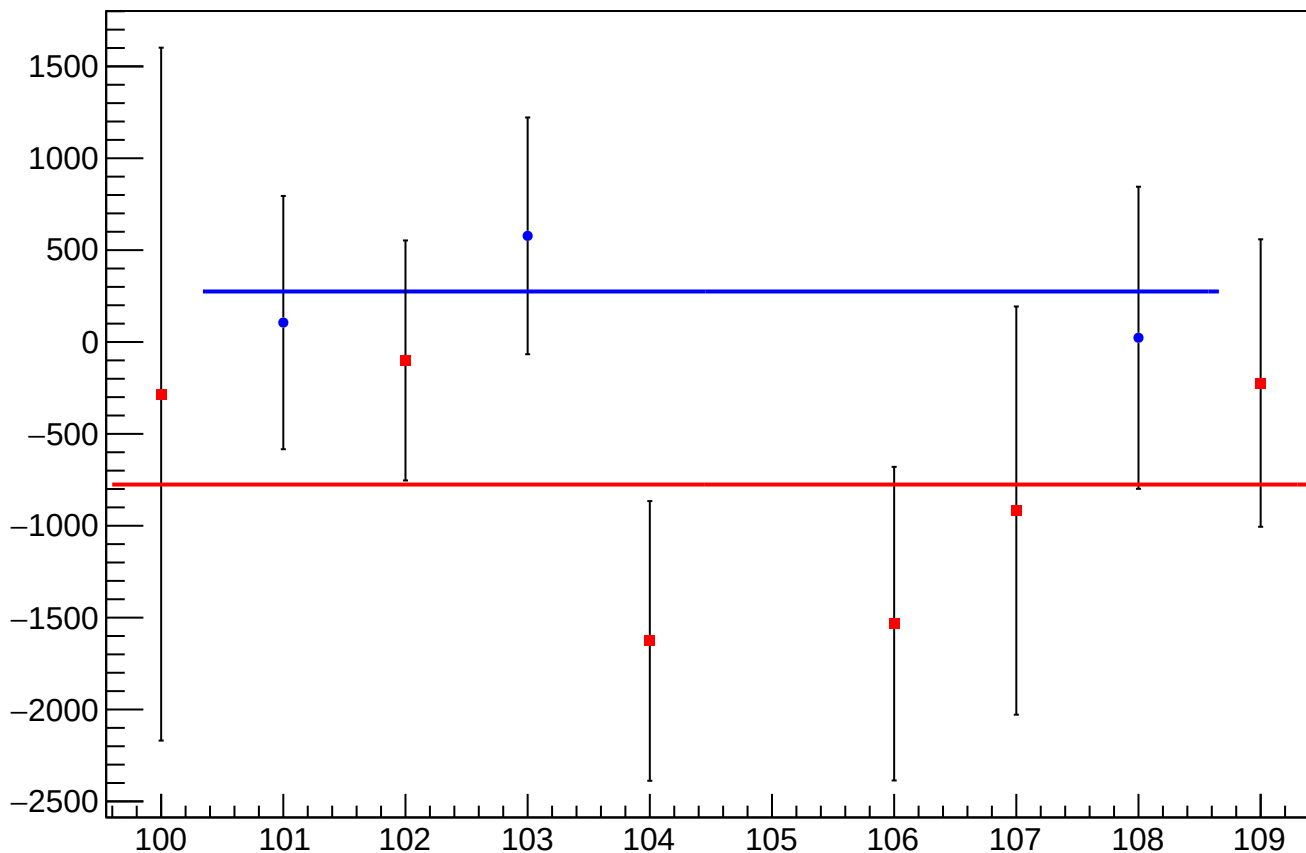
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.381+/-0.029 χ^2/NDF : 20214.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_mean vs Slug



Right In: 274.996 $\pm$ 408.452 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -775.648 $\pm$ 349.855 χ^2 /NDF: 3.7/5

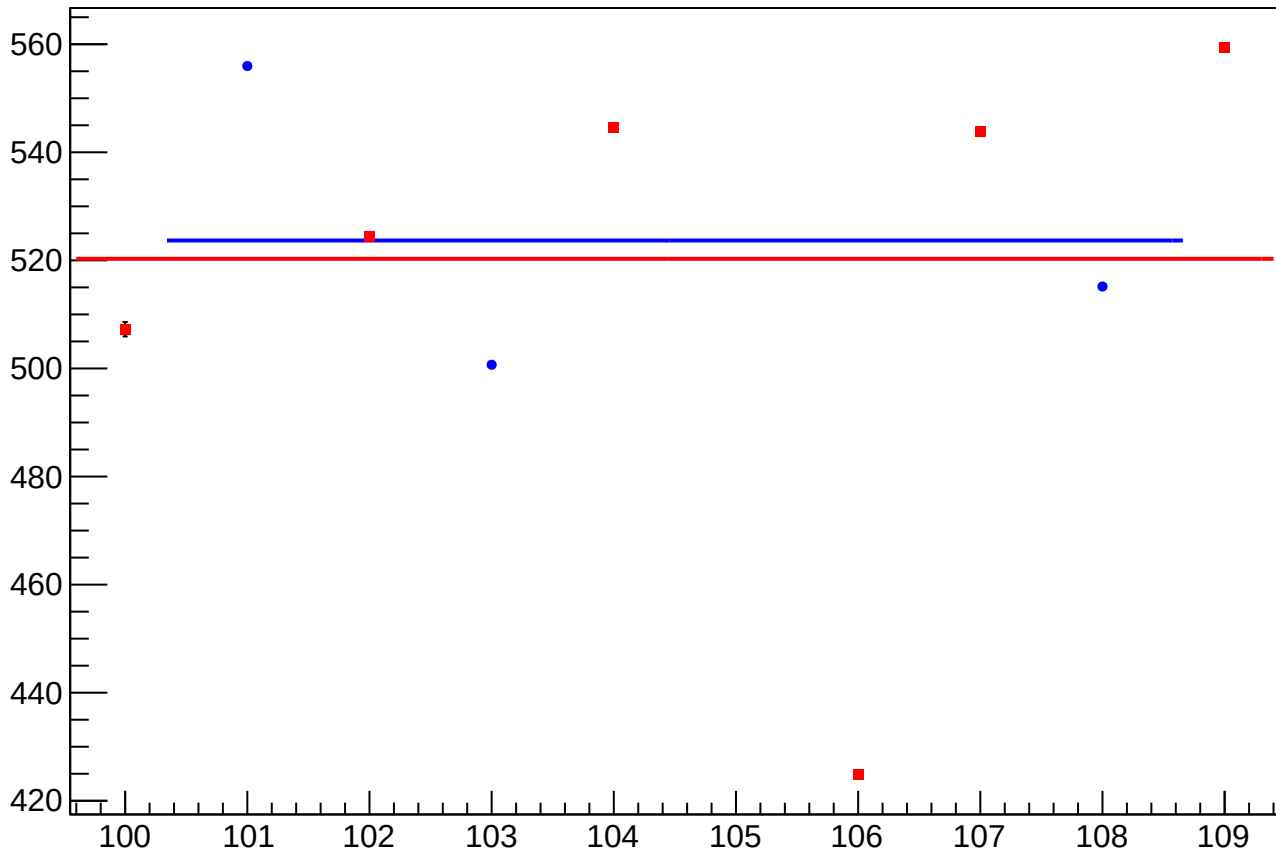
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -331.032 $\pm$ 265.709 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 523.679 $\pm$ 0.289 χ^2 /NDF: 7150.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 520.290 $\pm$ 0.247 χ^2 /NDF: 33111.5/5

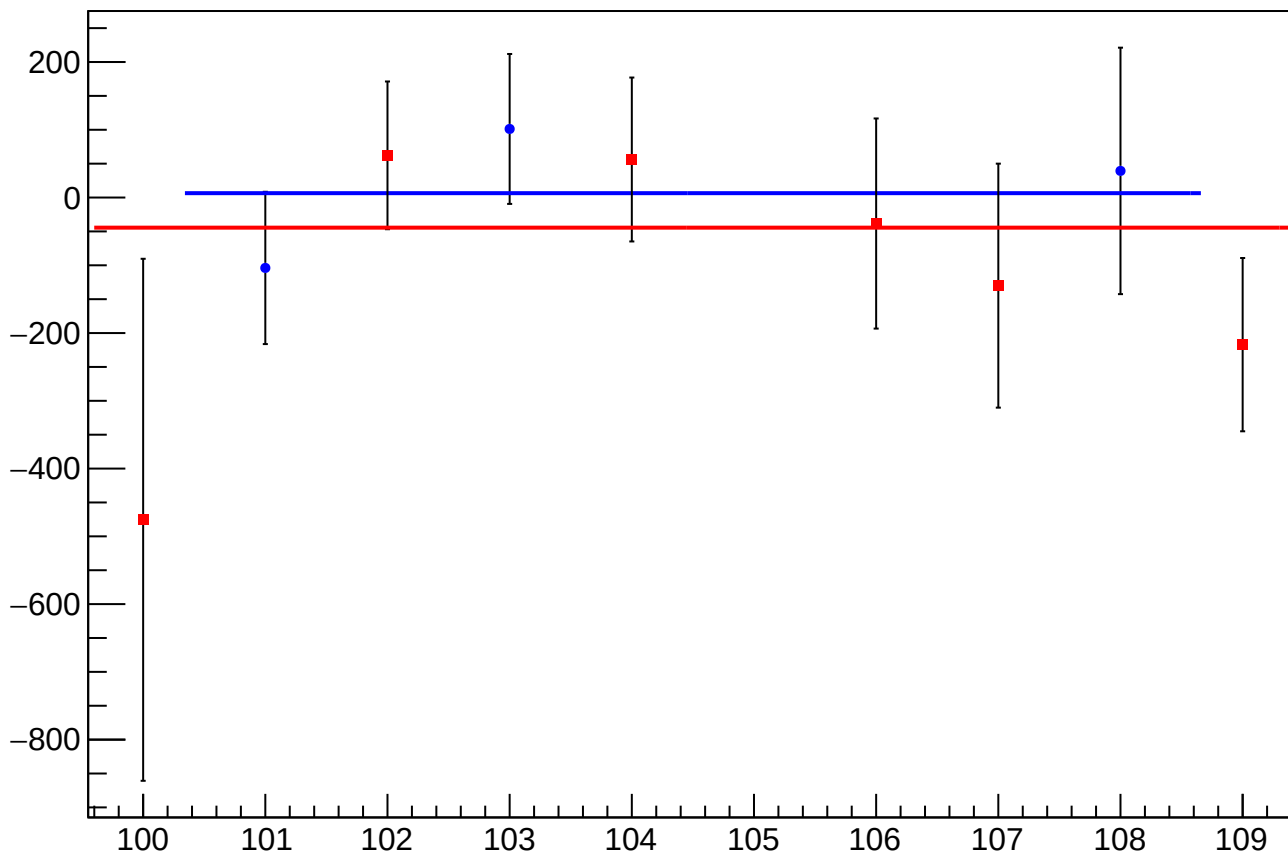
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 521.724 $\pm$ 0.188 χ^2 /NDF: 40341.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam5_mean vs Slug



Right In: 6.448 $\pm$ 72.332 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -44.444 $\pm$ 58.435 χ^2 /NDF: 5.0/5

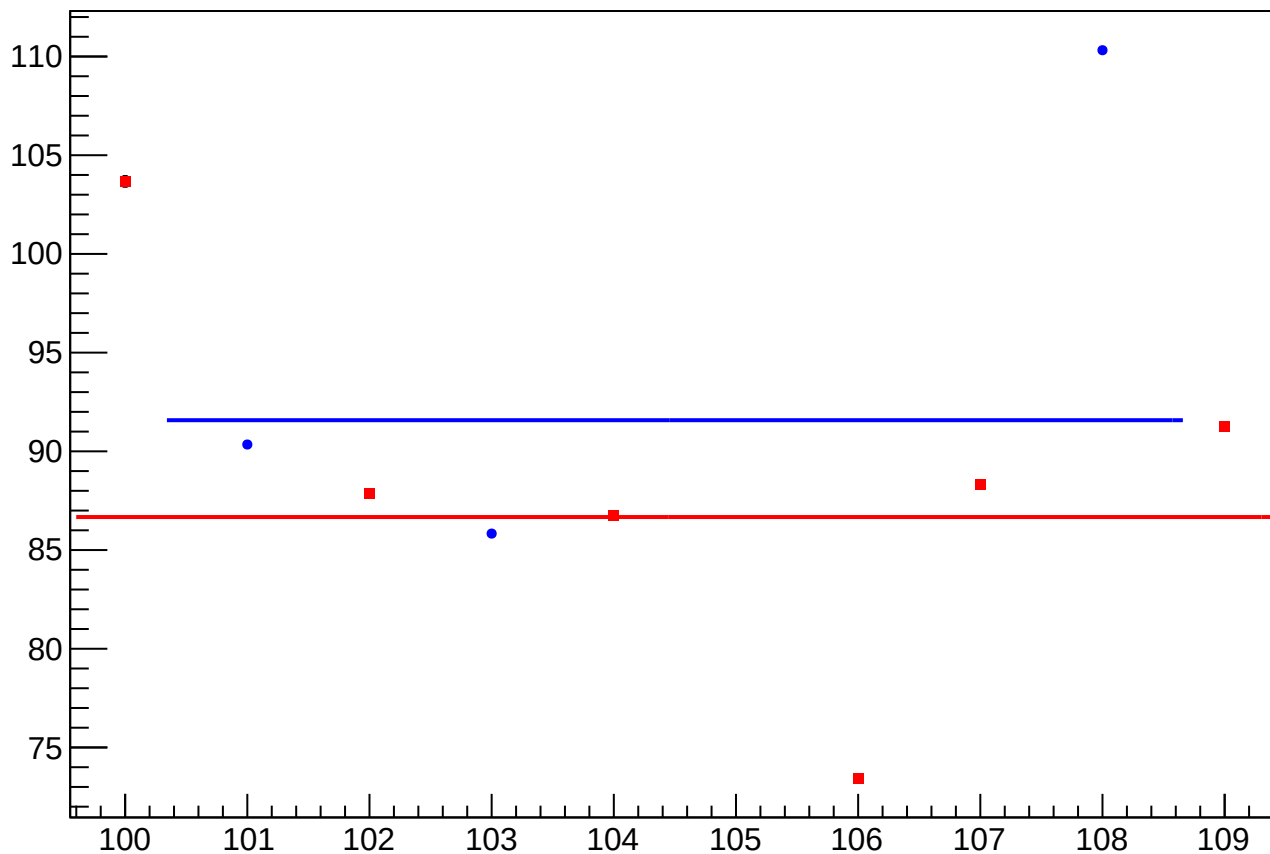
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.346 $\pm$ 45.455 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam5_rms vs Slug



Right In: 91.577 $\pm$ 0.051 χ^2 /NDF: 26873.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.673 $\pm$ 0.041 χ^2 /NDF: 21473.7/5

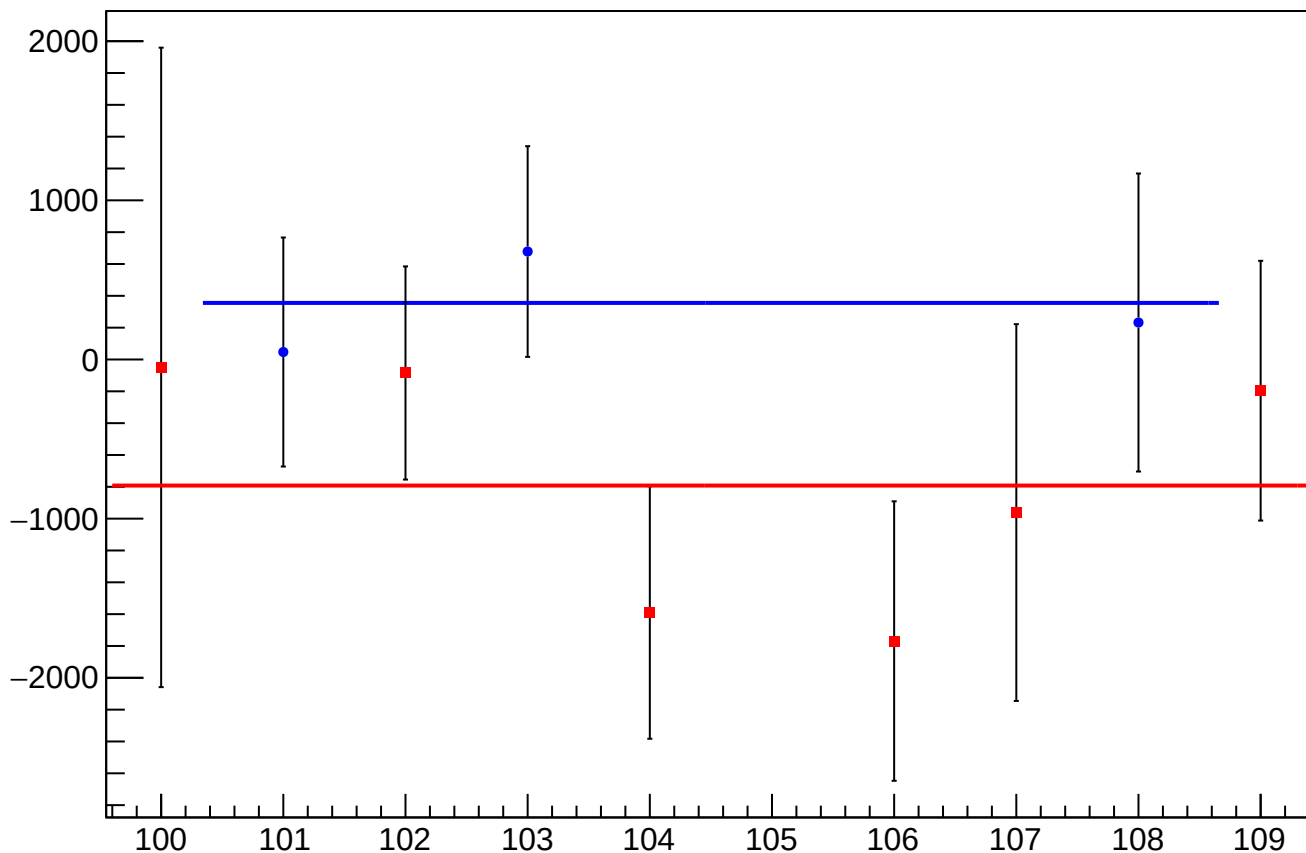
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.609 $\pm$ 0.032 χ^2 /NDF: 53910.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 355.528 $\pm$ 432.156 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -792.037 $\pm$ 363.221 χ^2 /NDF: 4.1/5

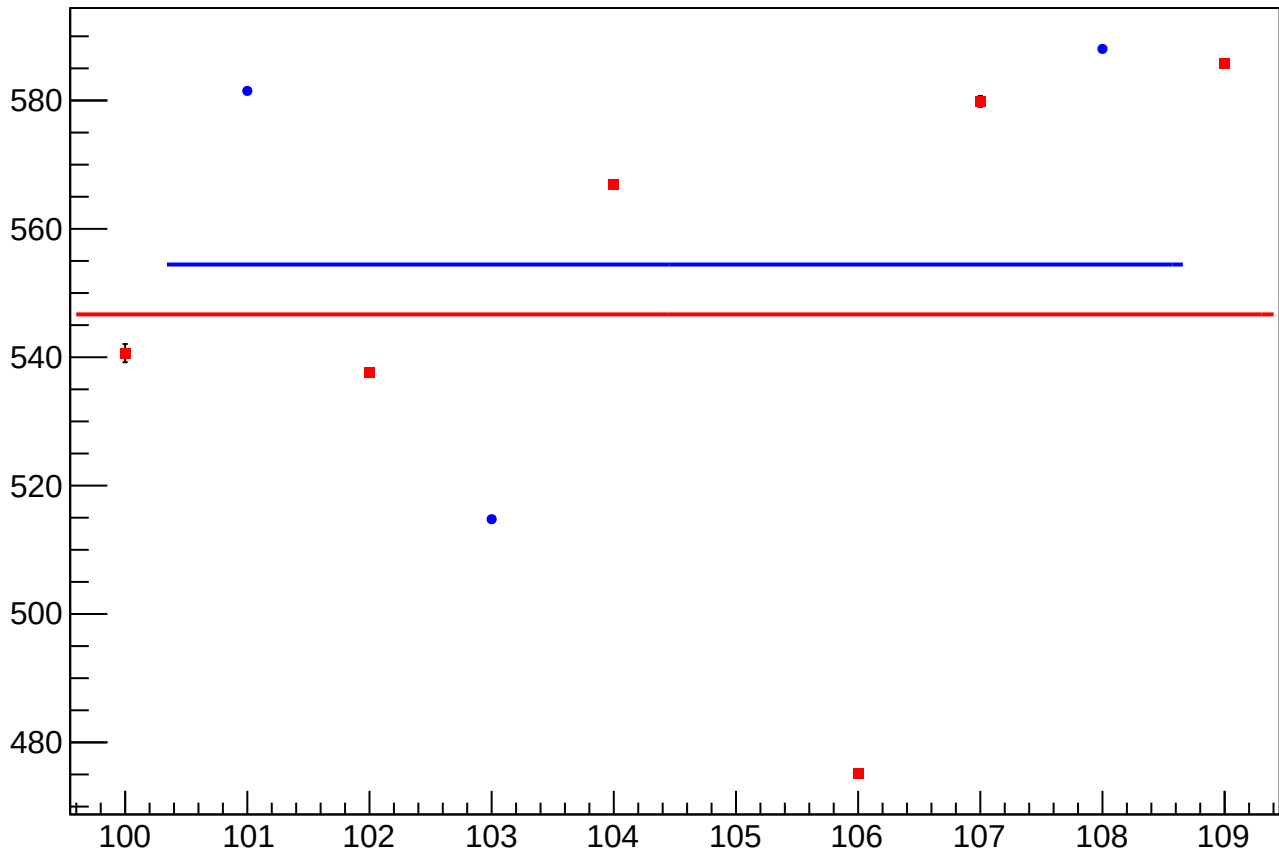
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -316.972 $\pm$ 278.054 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 554.445 $\pm$ 0.306 χ^2 /NDF: 12584.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 546.673 $\pm$ 0.257 χ^2 /NDF: 21147.4/5

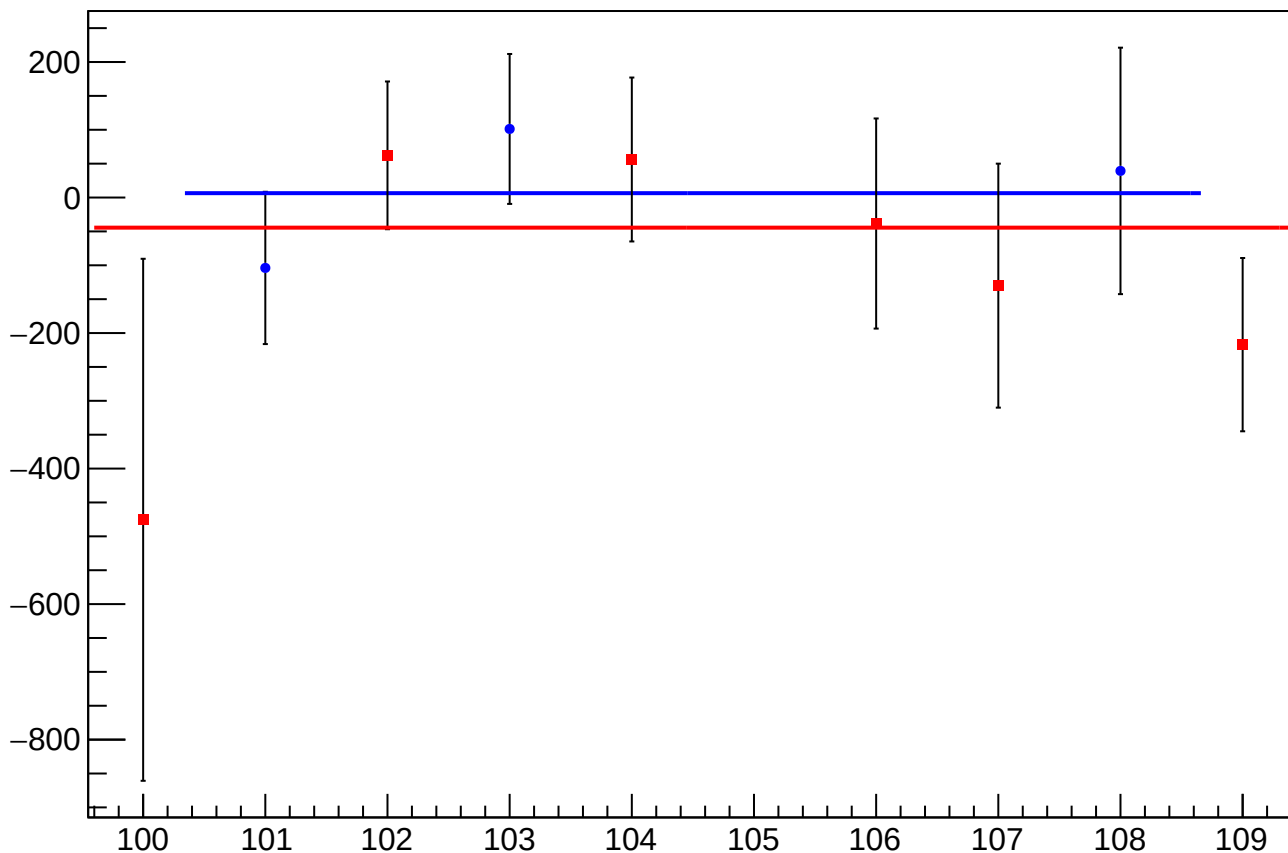
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 549.891 $\pm$ 0.197 χ^2 /NDF: 34111.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam5_mean vs Slug



Right In: 6.446 $\pm$ 72.332 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -44.445 $\pm$ 58.435 χ^2 /NDF: 5.0/5

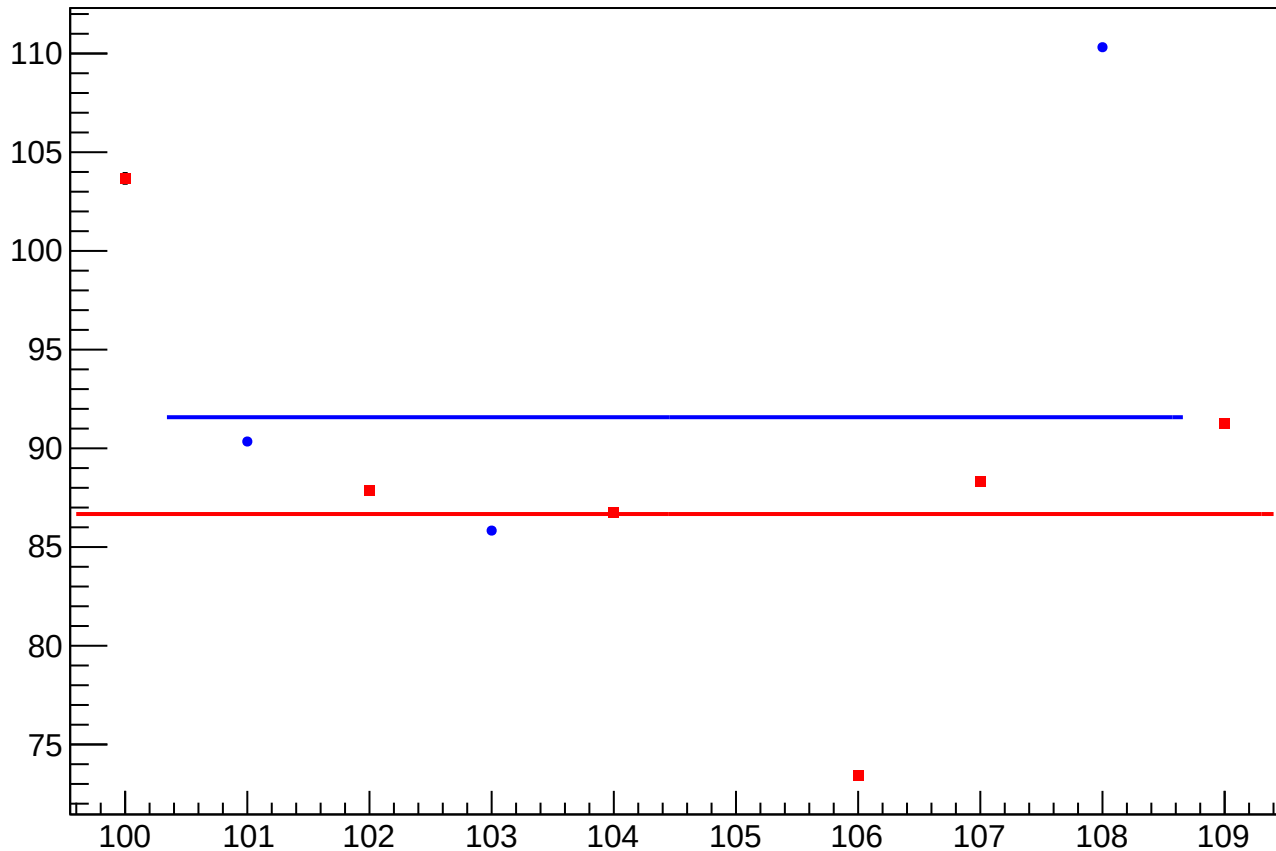
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.348 $\pm$ 45.455 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam5_rms vs Slug



Right In: 91.577 $\pm$ 0.051 χ^2 /NDF: 26873.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.673 $\pm$ 0.041 χ^2 /NDF: 21473.6/5

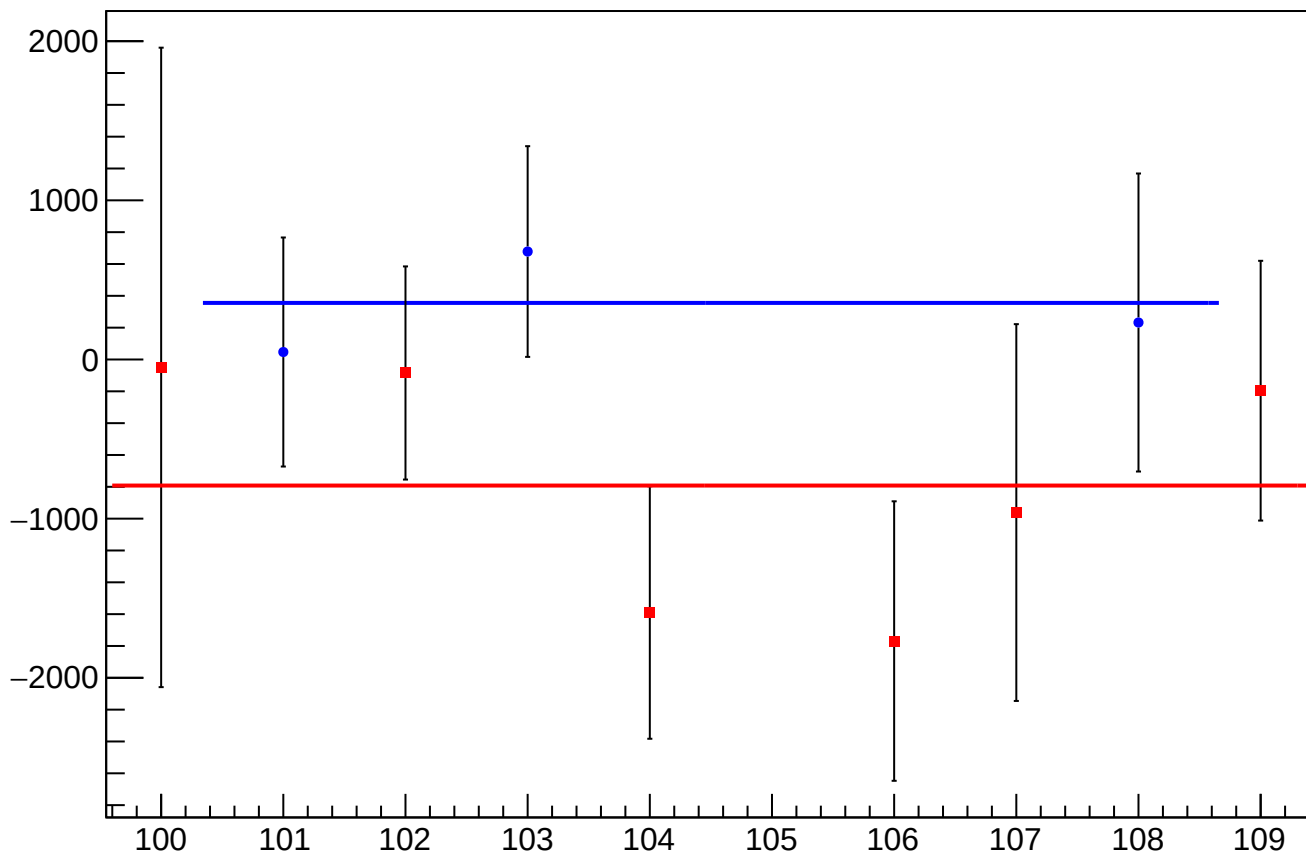
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.609 $\pm$ 0.032 χ^2 /NDF: 53909.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 355.527 $\pm$ 432.156 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -792.037 $\pm$ 363.221 χ^2 /NDF: 4.1/5

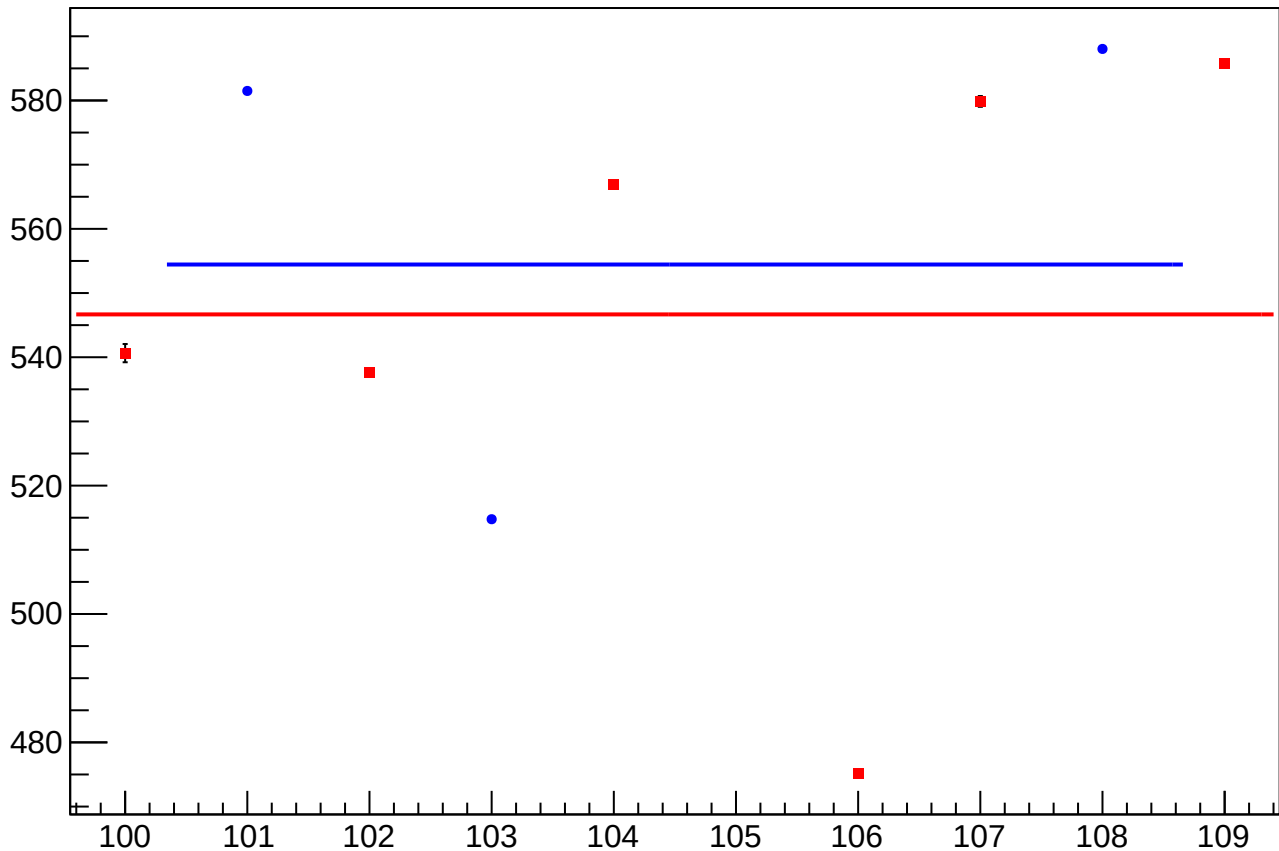
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -316.972 $\pm$ 278.053 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 554.444 $\pm$ 0.306 χ^2 /NDF: 12584.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 546.673 $\pm$ 0.257 χ^2 /NDF: 21147.4/5

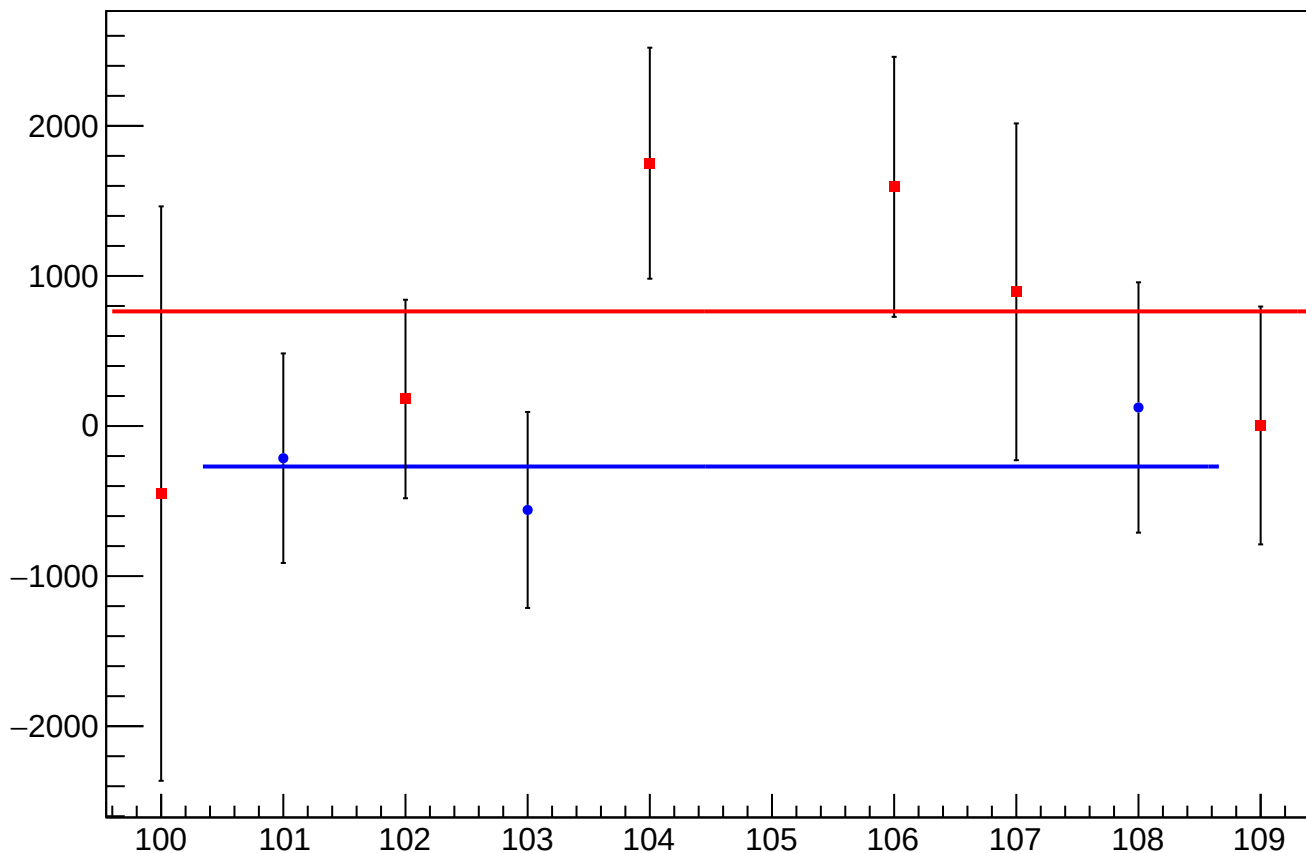
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 549.890 $\pm$ 0.197 χ^2 /NDF: 34110.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_mean vs Slug



Right In: -269.741 ± 413.982 χ^2/NDF : 0.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 763.816 ± 354.318 χ^2/NDF : 4.7/5

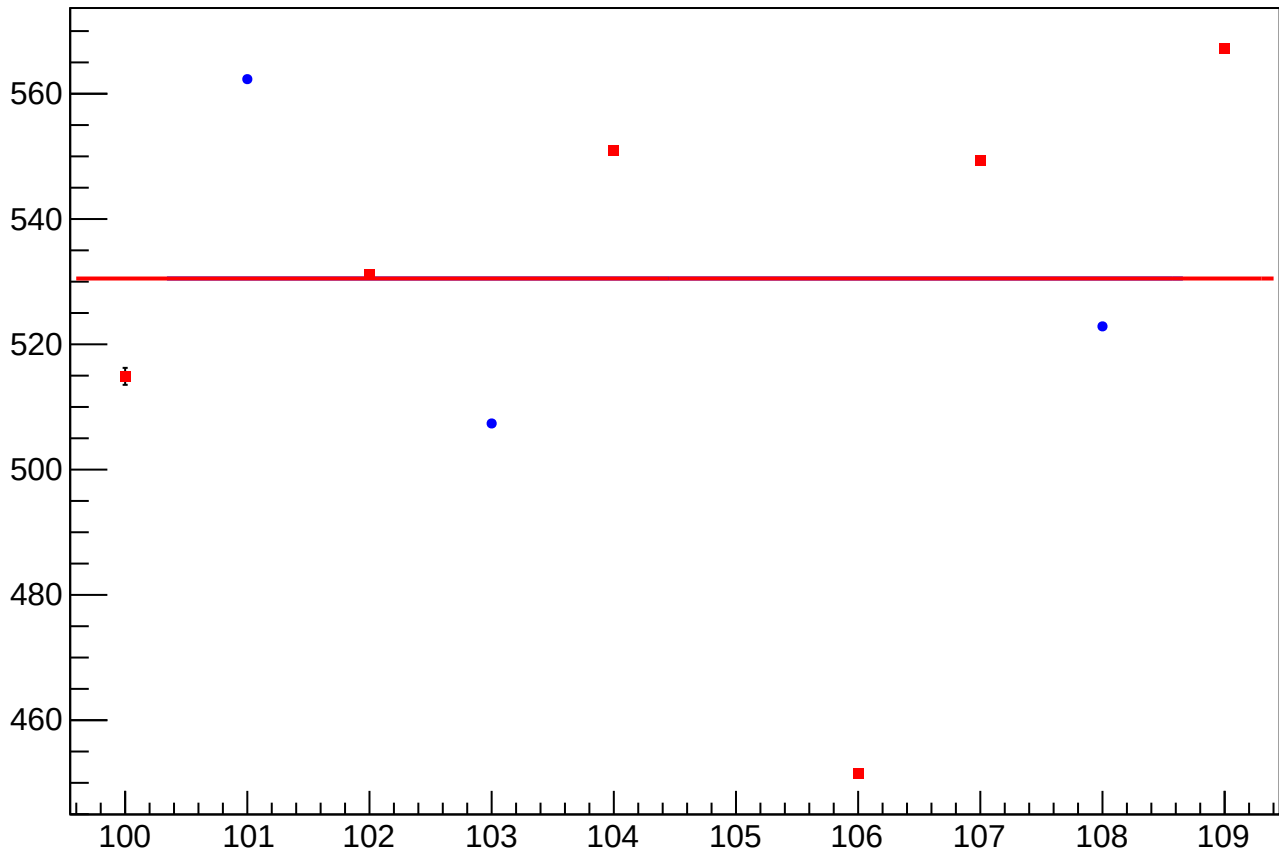
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 326.819 ± 269.187 χ^2/NDF : 8.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 530.509 $\pm$ 0.293 χ^2 /NDF: 6835.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 530.504 $\pm$ 0.251 χ^2 /NDF: 23088.4/5

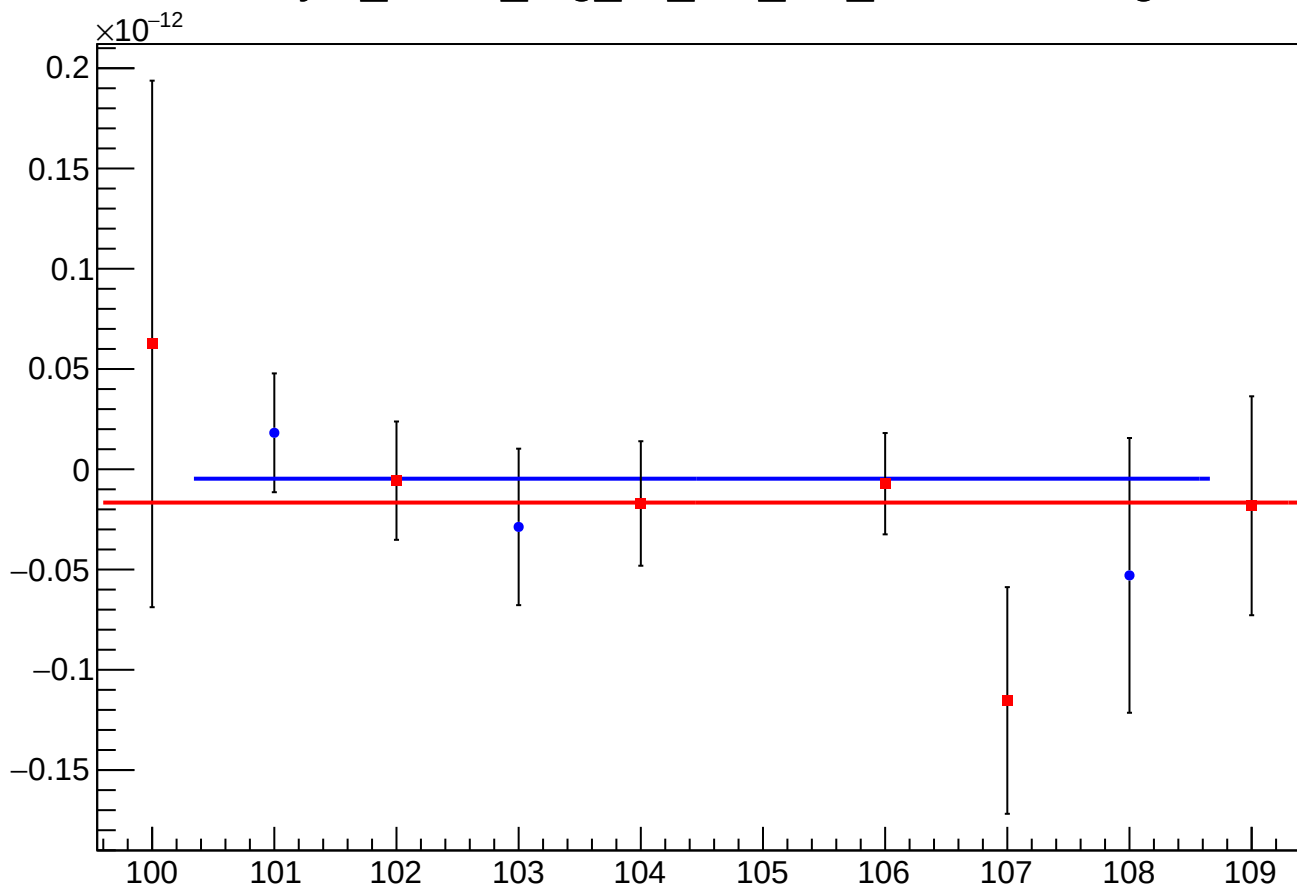
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 530.506 $\pm$ 0.190 χ^2 /NDF: 29923.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/5

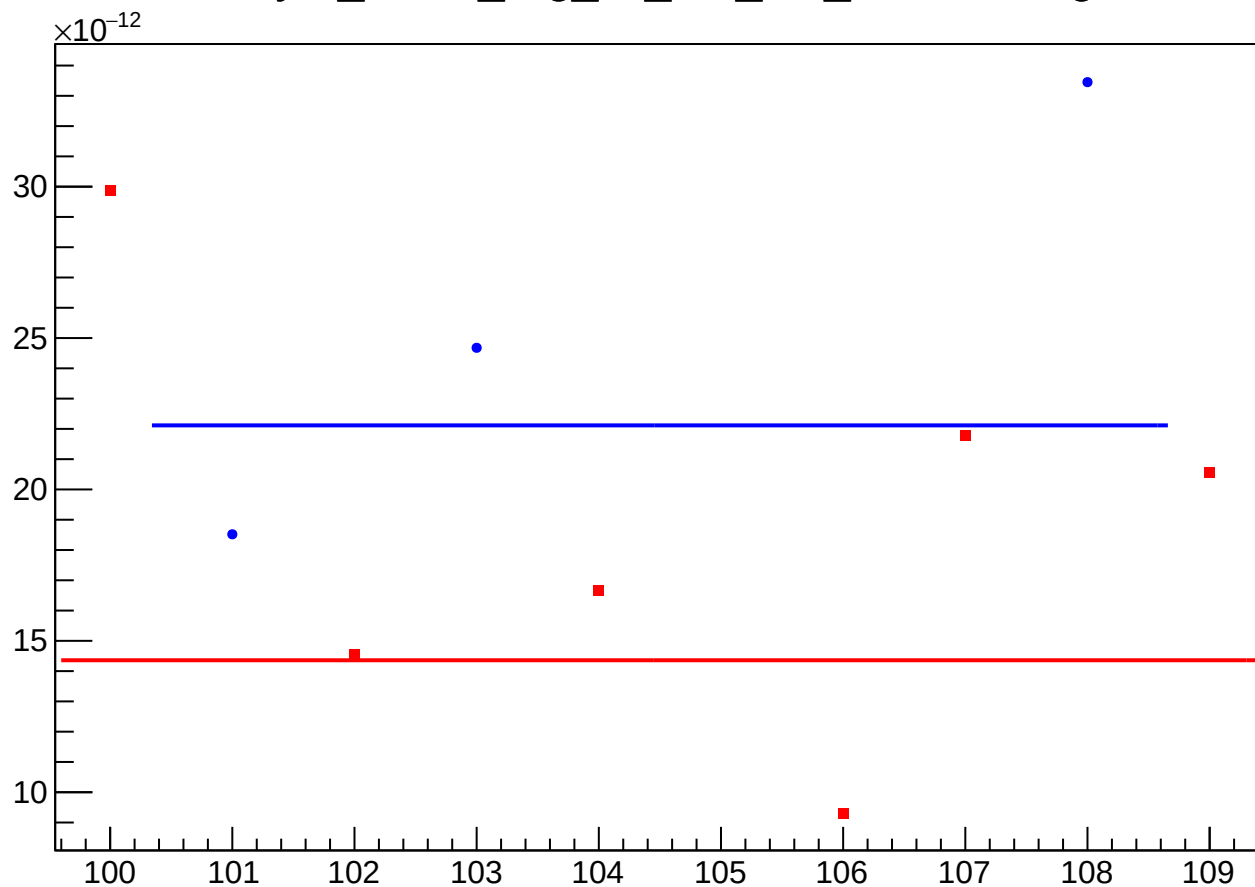
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 5.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 92864.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 179388.9/5

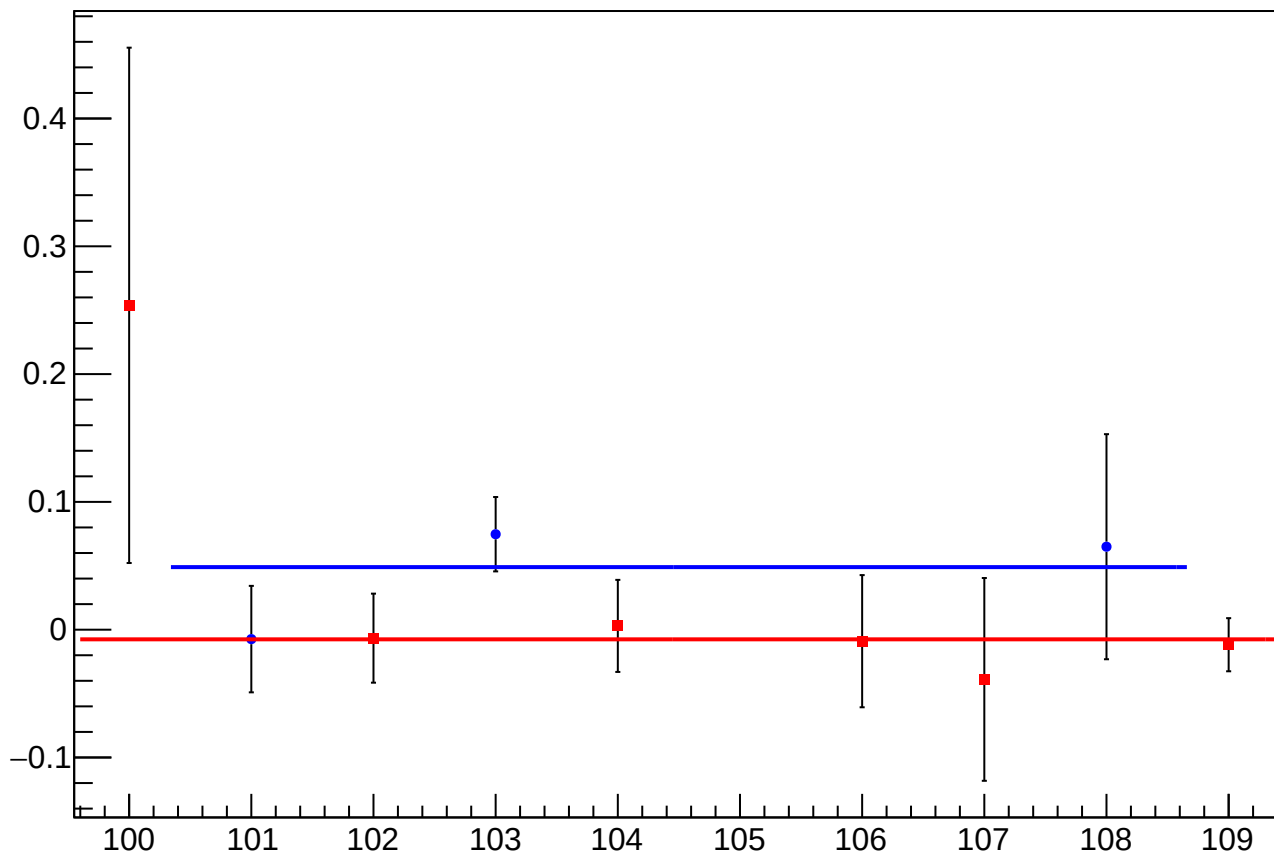
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 438980.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.015 χ^2 /NDF: 2.0/5

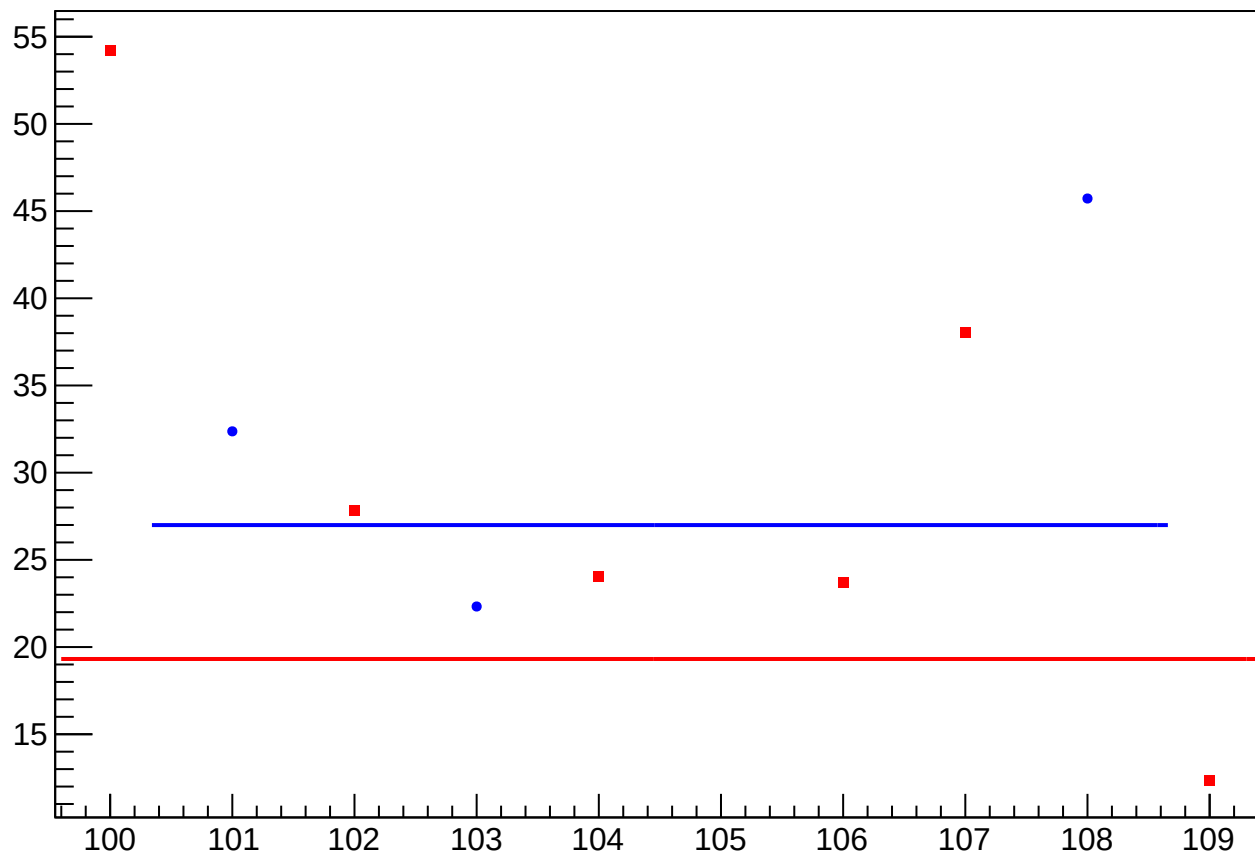
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.013 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 26.995 $\pm$ 0.016 χ^2 /NDF: 175237.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.315 $\pm$ 0.011 χ^2 /NDF: 564313.0/5

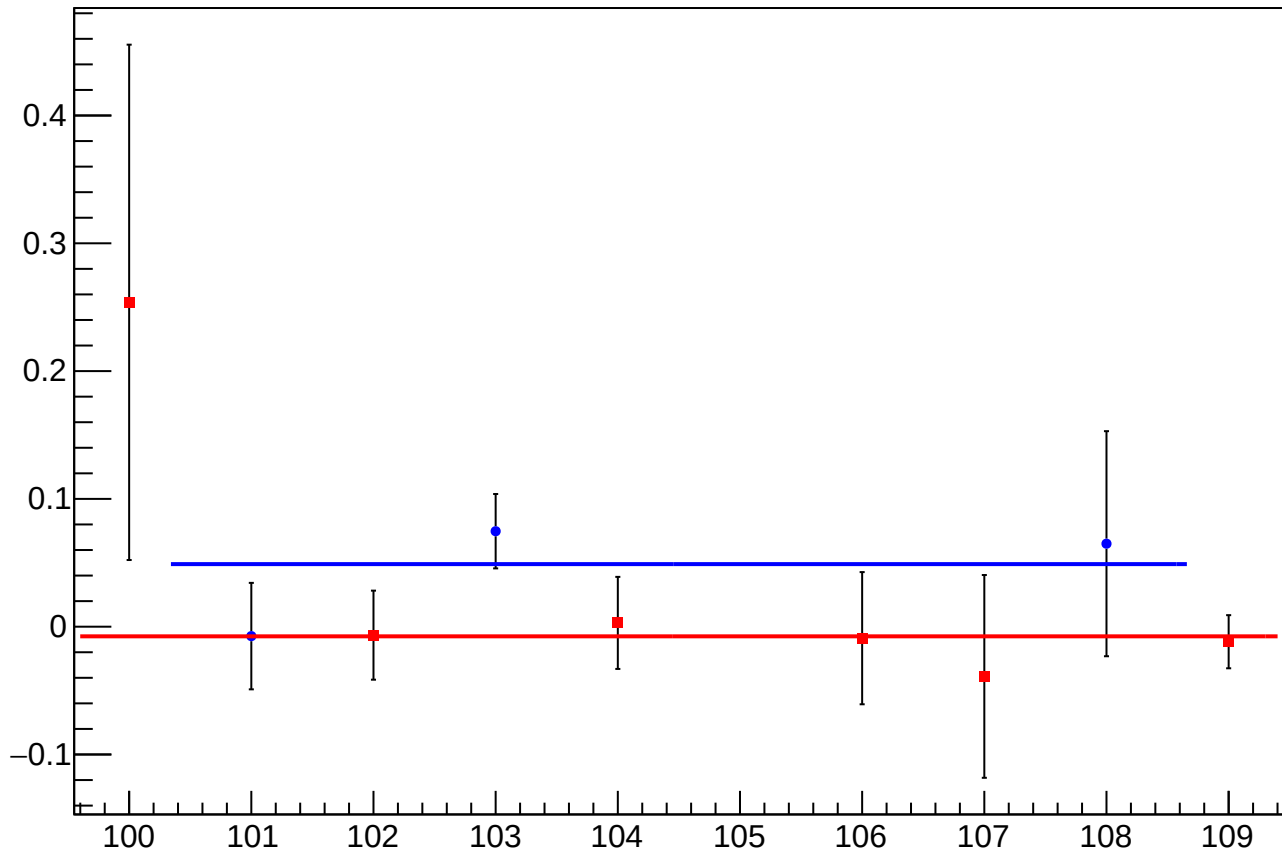
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.595 $\pm$ 0.009 χ^2 /NDF: 895946.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.015 χ^2 /NDF: 2.0/5

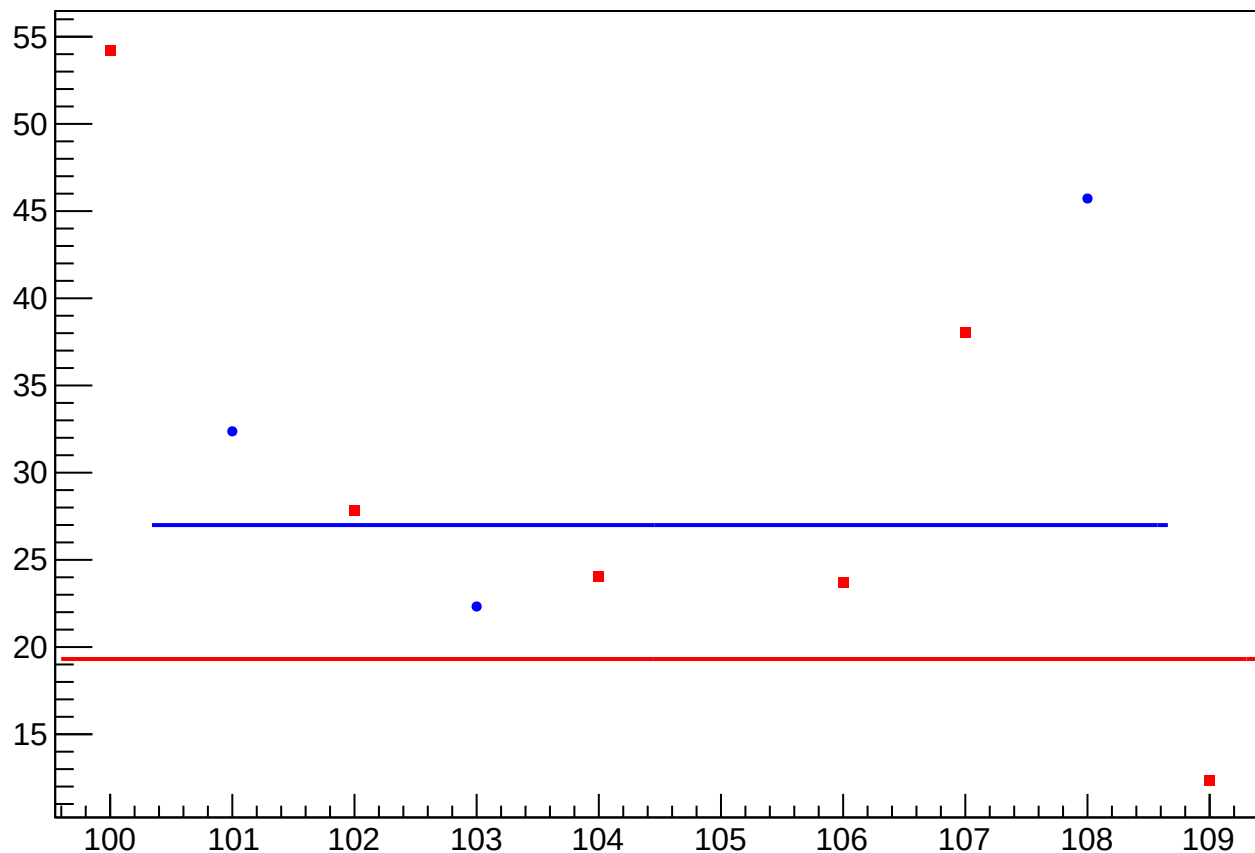
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.013 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.995 $\pm$ 0.016 χ^2 /NDF: 175237.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.315 $\pm$ 0.011 χ^2 /NDF: 564313.0/5

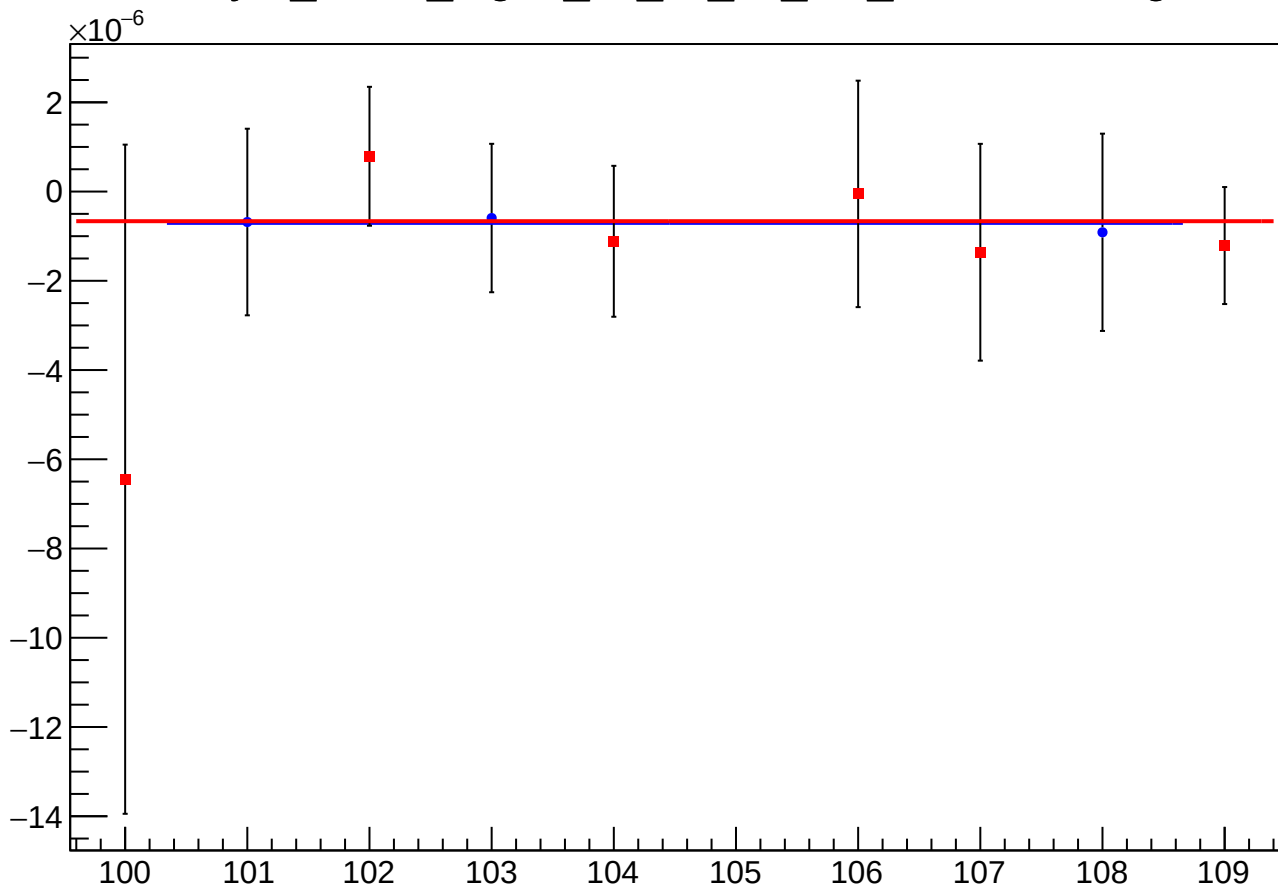
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.595 $\pm$ 0.009 χ^2 /NDF: 895946.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 1.9/5

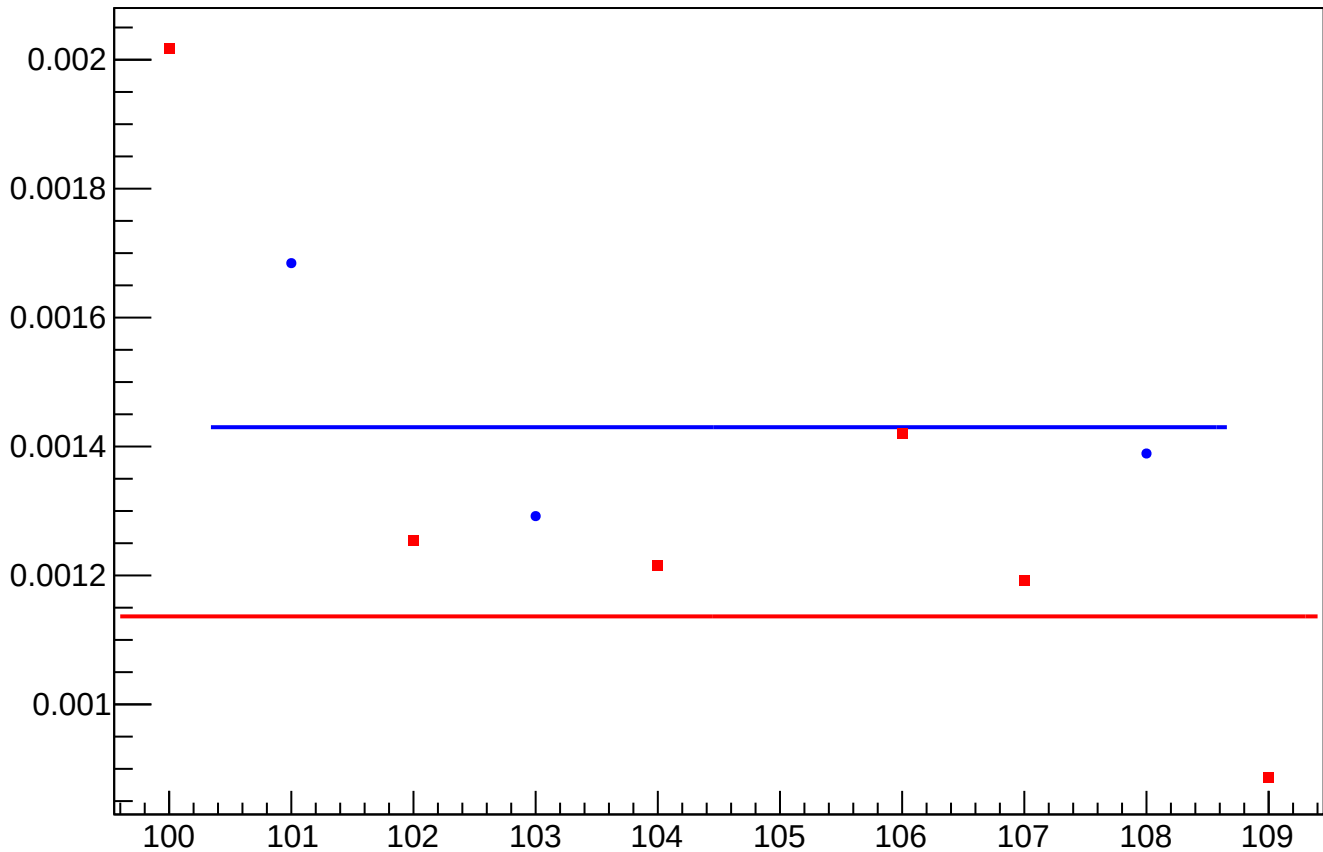
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 1.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 44061.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 141742.8/5

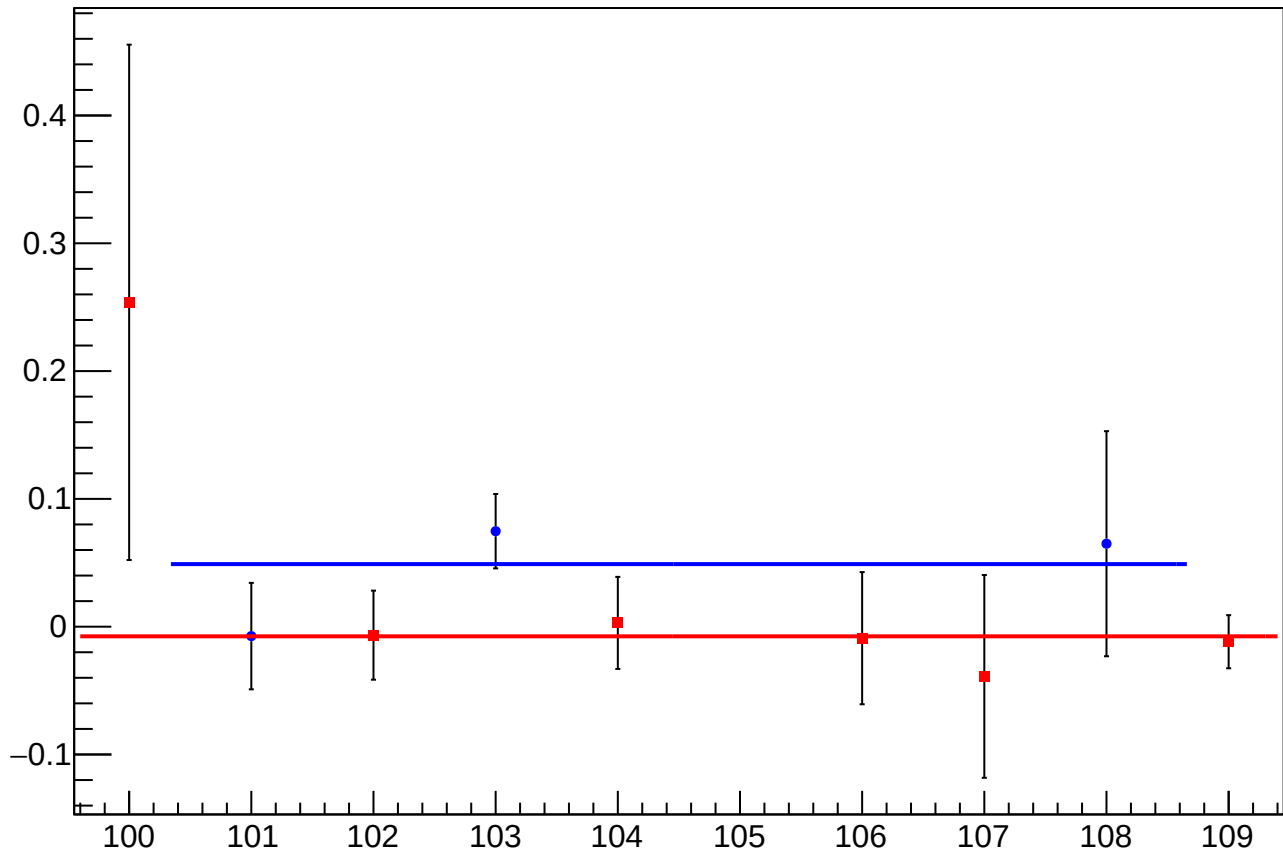
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 278873.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.015 χ^2 /NDF: 2.0/5

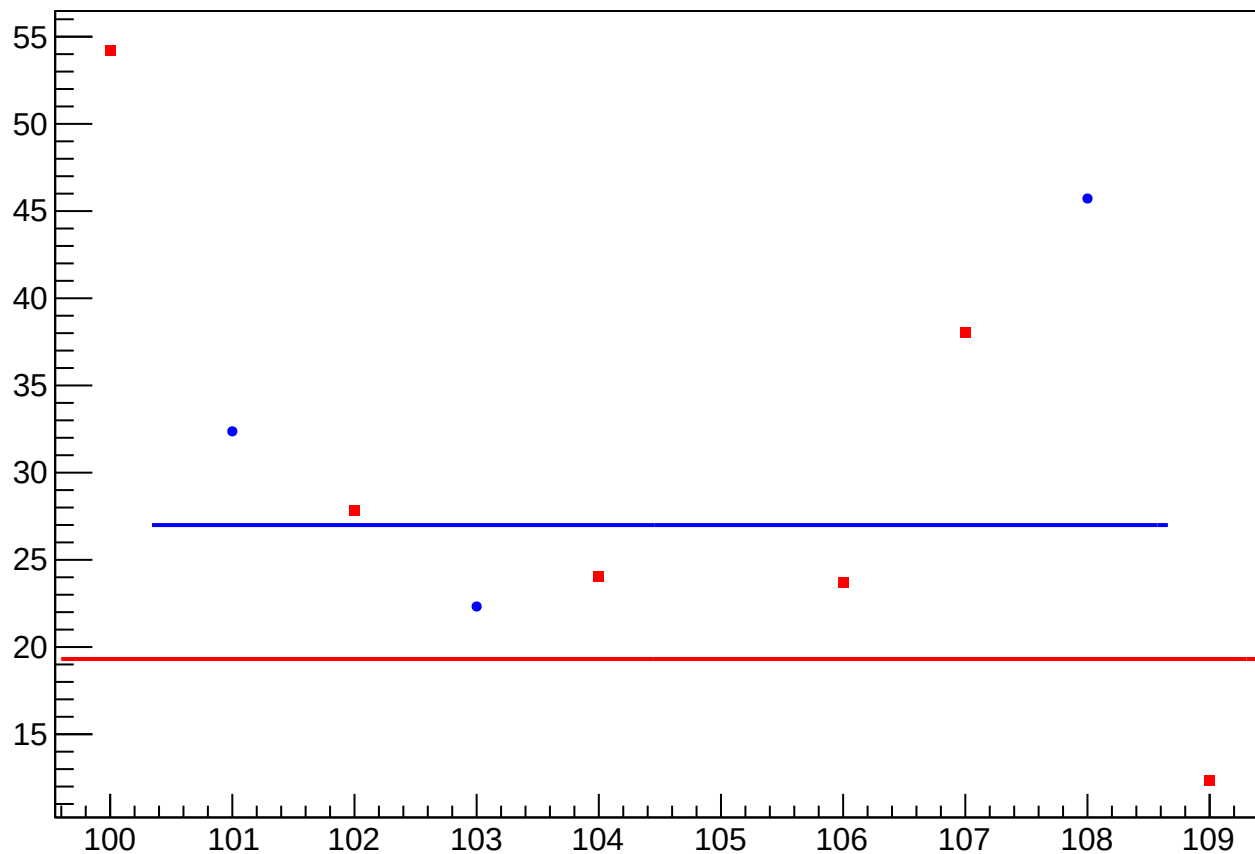
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.013 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 26.994 $\pm$ 0.016 χ^2 /NDF: 175231.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.315 $\pm$ 0.011 χ^2 /NDF: 564339.9/5

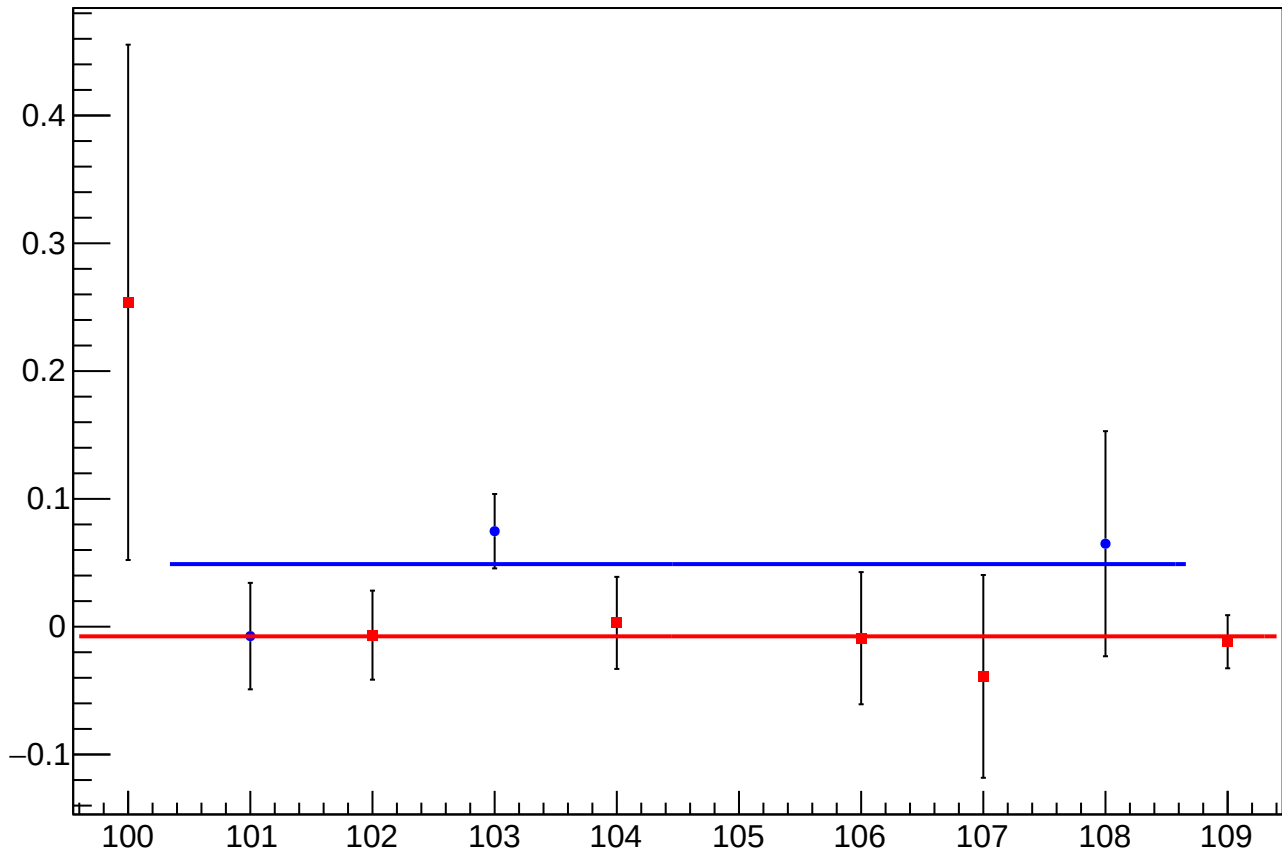
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.595 $\pm$ 0.009 χ^2 /NDF: 895973.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.049 $\pm$ 0.023 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.008 $\pm$ 0.015 χ^2 /NDF: 2.0/5

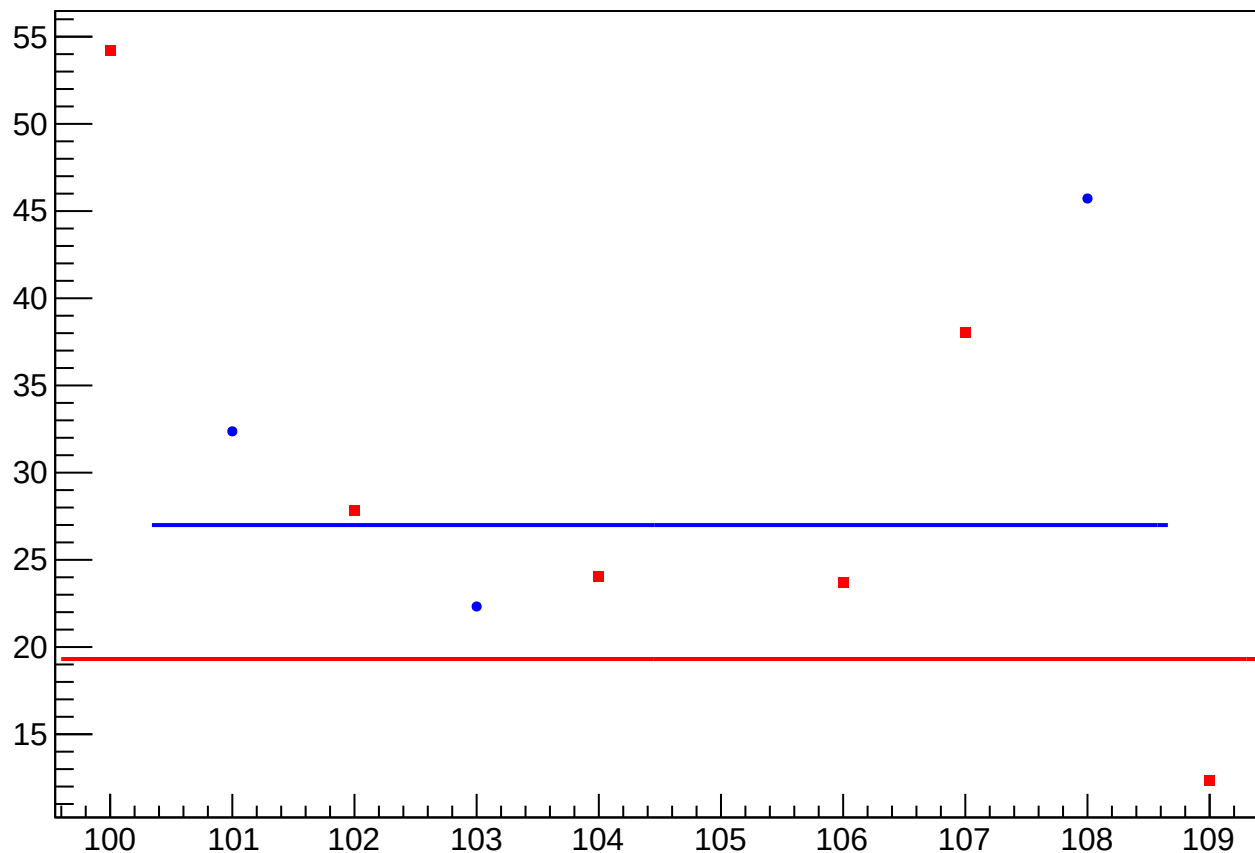
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.013 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.994 $\pm$ 0.016 χ^2 /NDF: 175231.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.315 $\pm$ 0.011 χ^2 /NDF: 564339.9/5

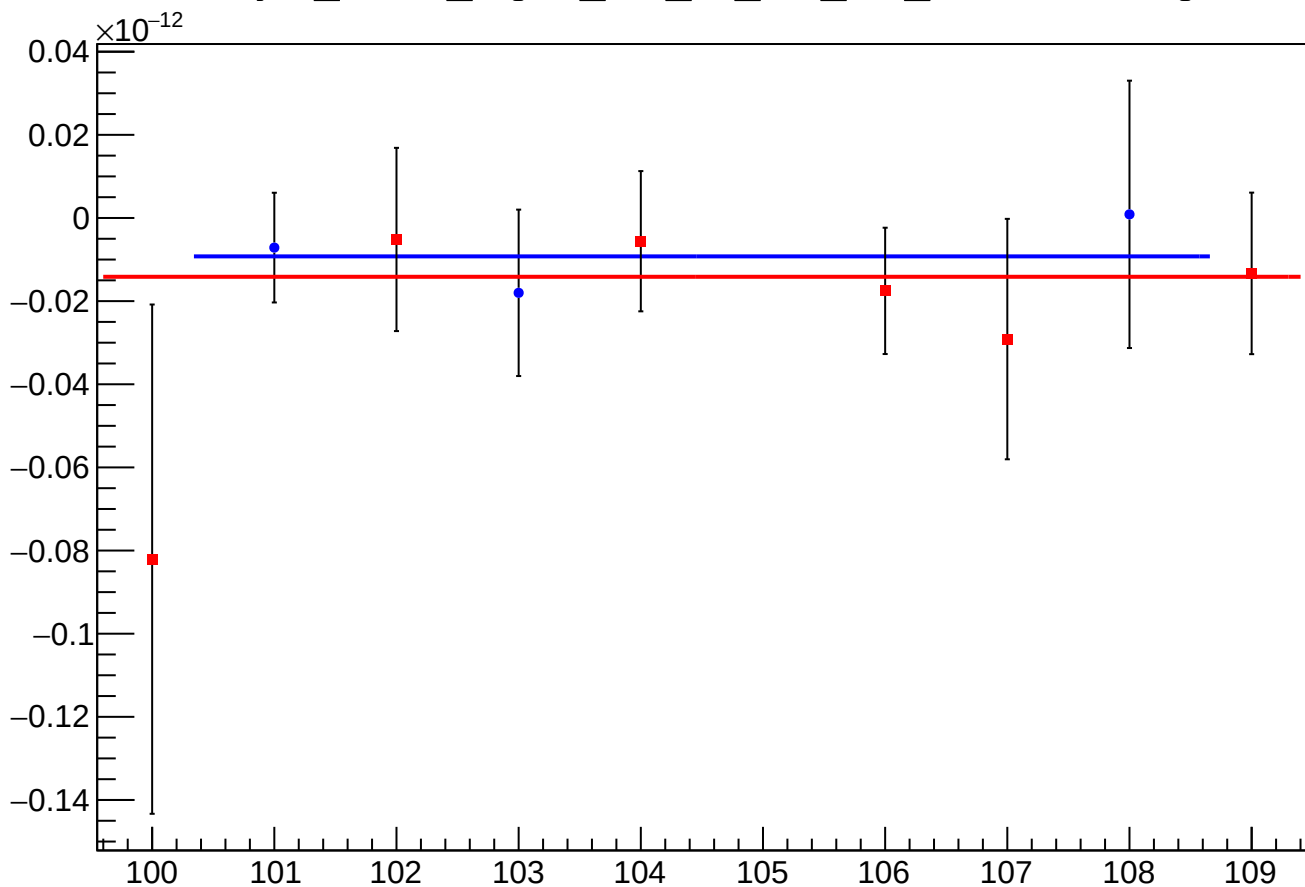
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.595 $\pm$ 0.009 χ^2 /NDF: 895973.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.0/5

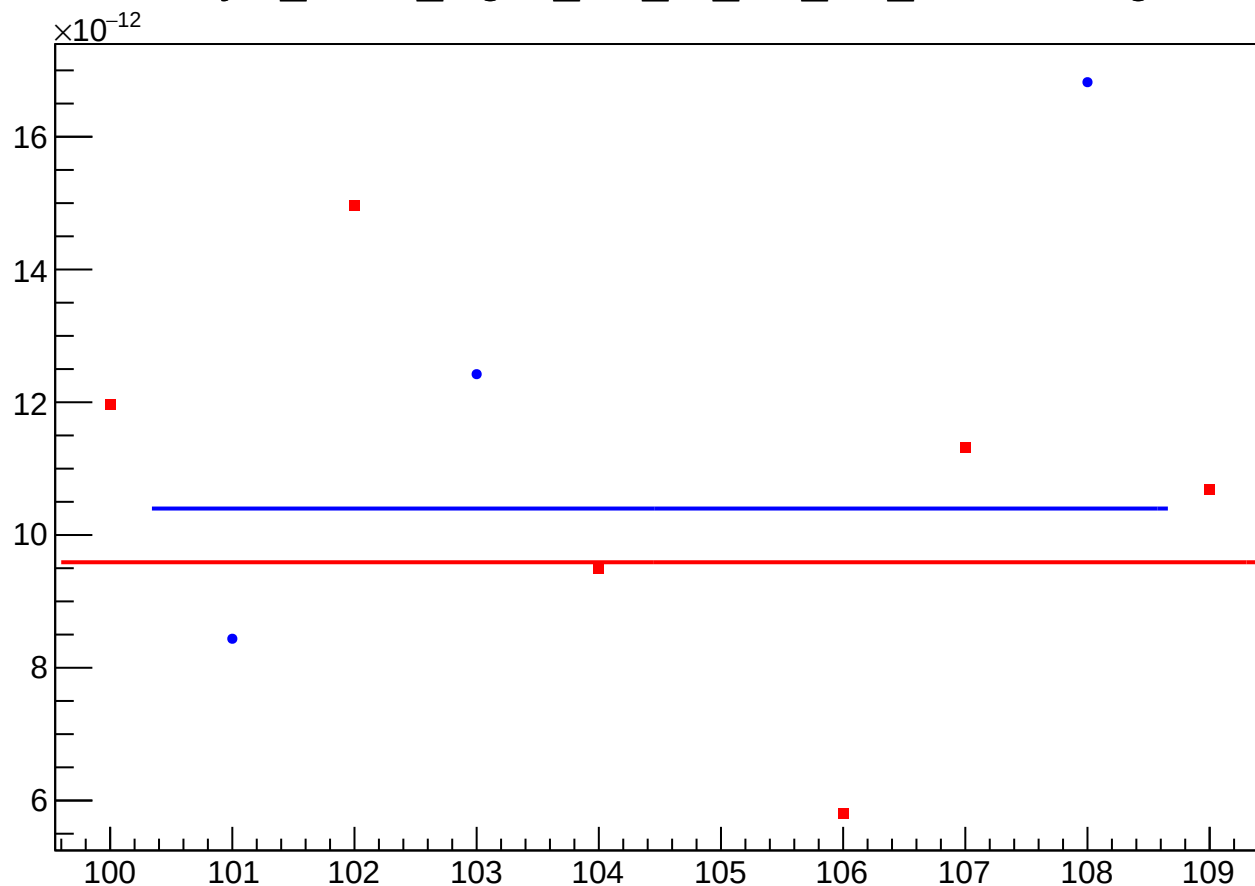
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 144457.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 259481.4/5

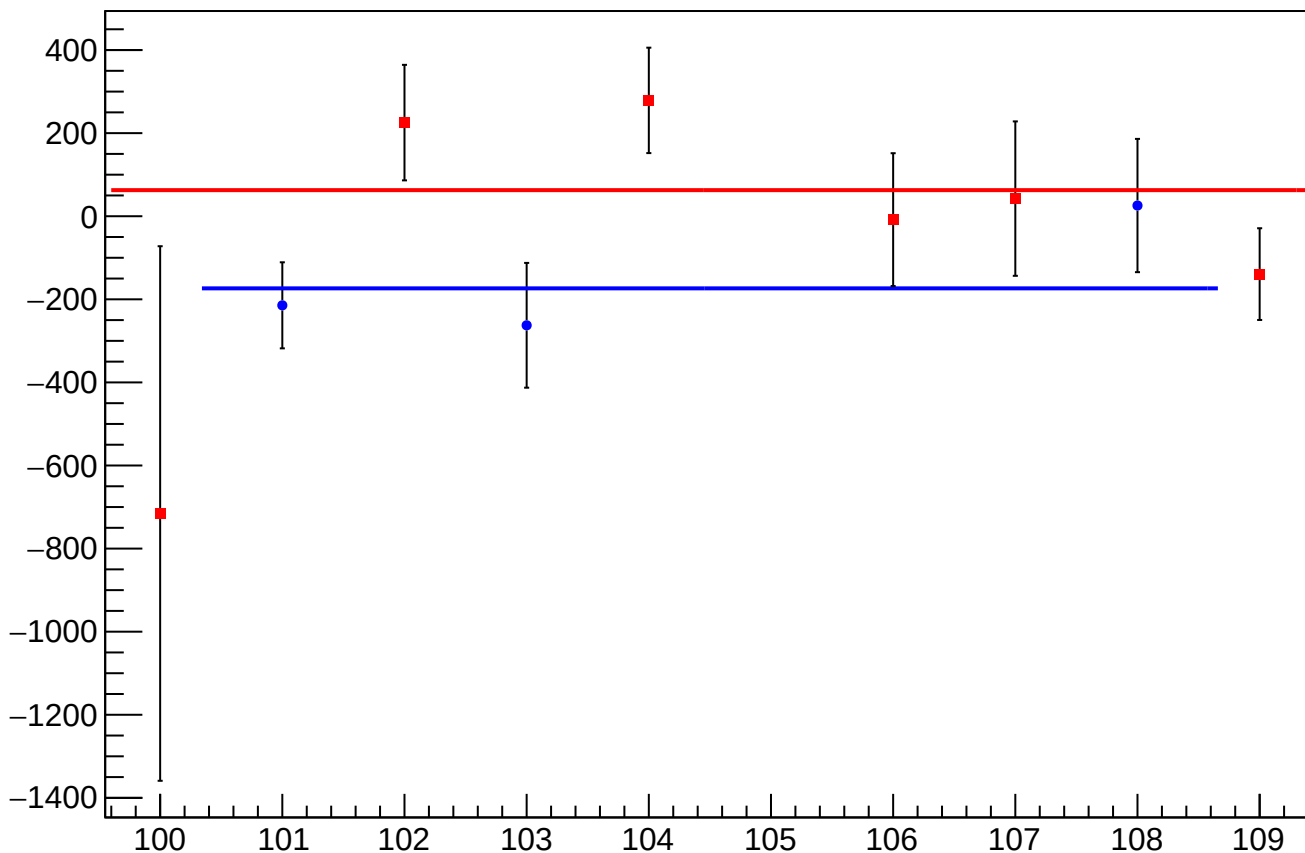
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 411217.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -173.623 ± 75.291 χ^2/NDF : 2.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 62.782 ± 61.267 χ^2/NDF : 9.3/5

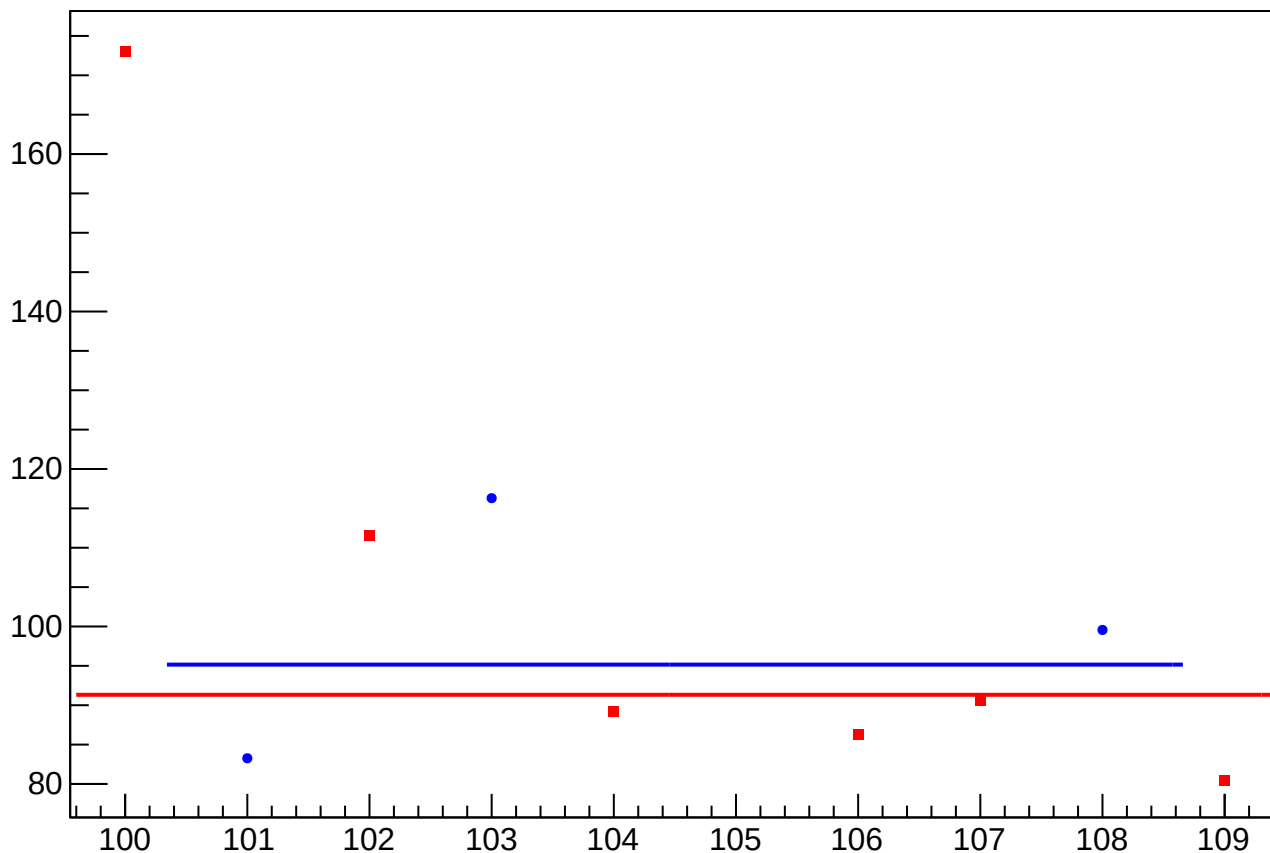
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.395 ± 47.521 χ^2/NDF : 17.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 95.157 $\pm$ 0.053 χ^2 /NDF: 67494.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.325 $\pm$ 0.043 χ^2 /NDF: 96295.3/5

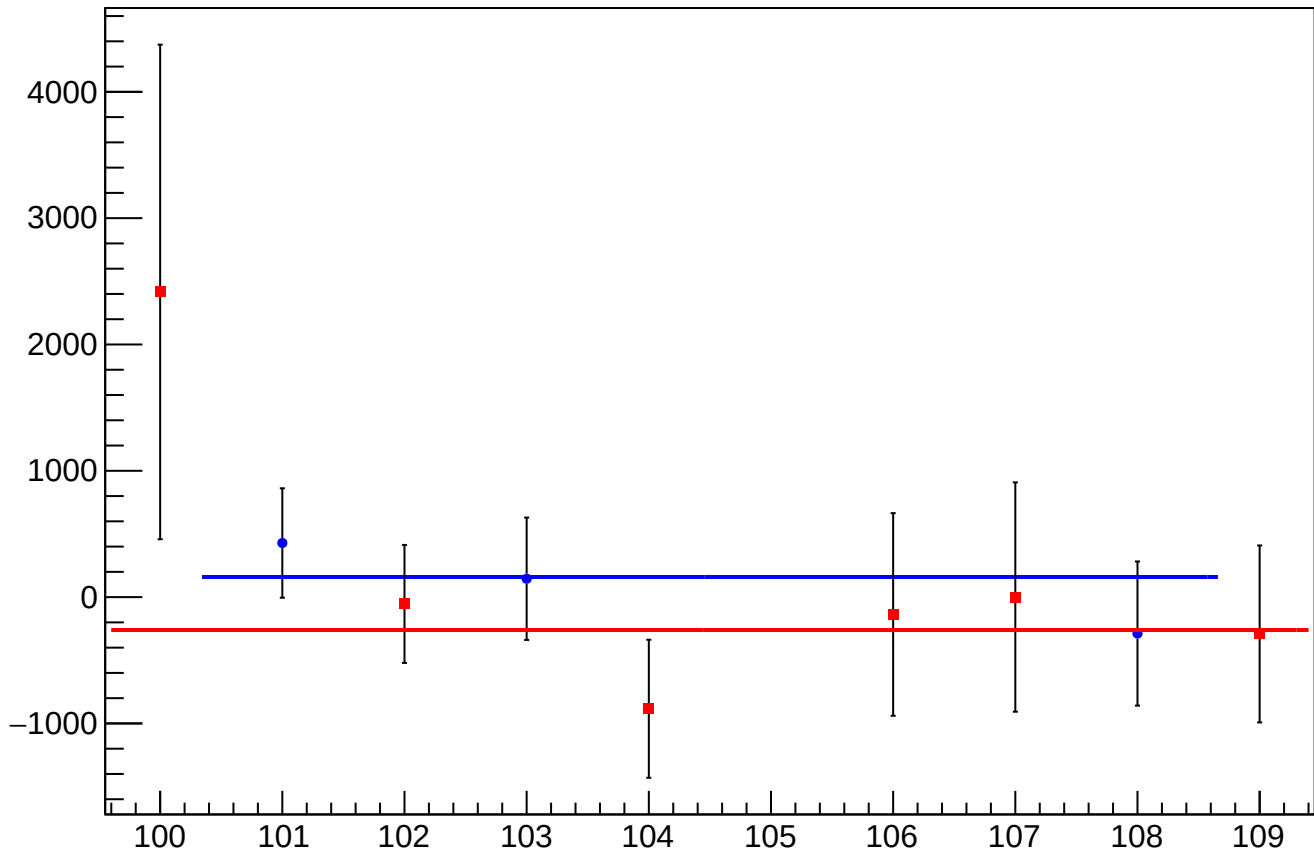
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.852 $\pm$ 0.034 χ^2 /NDF: 166906.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_correction_mean vs Slug



Right In: 159.362 $\pm$ 281.007 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -260.200 $\pm$ 277.323 χ^2 /NDF: 3.5/5

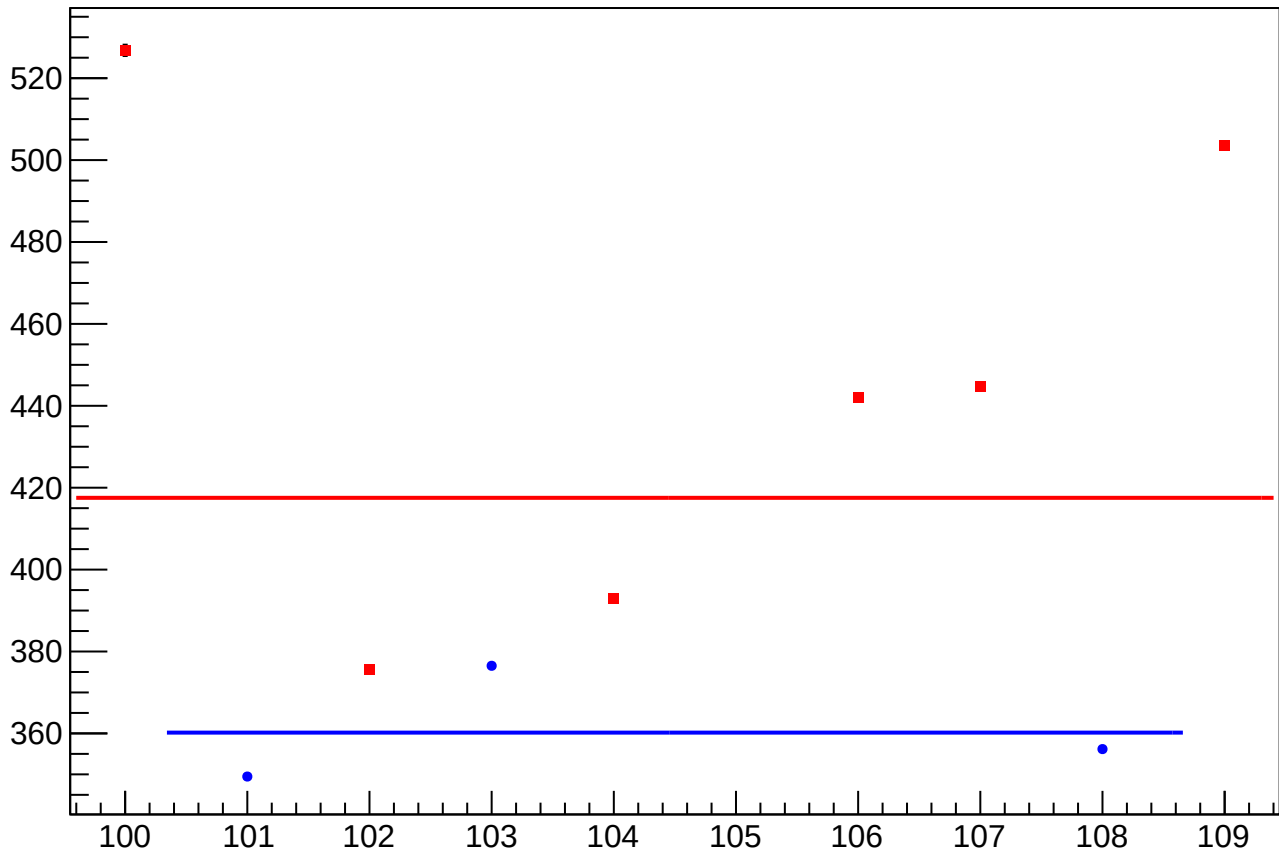
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -53.187 $\pm$ 197.387 χ^2 /NDF: 5.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_correction_rms vs Slug



Right In: 360.195 $\pm$ 0.199 χ^2 /NDF: 3595.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 417.527 $\pm$ 0.196 χ^2 /NDF: 60118.0/5

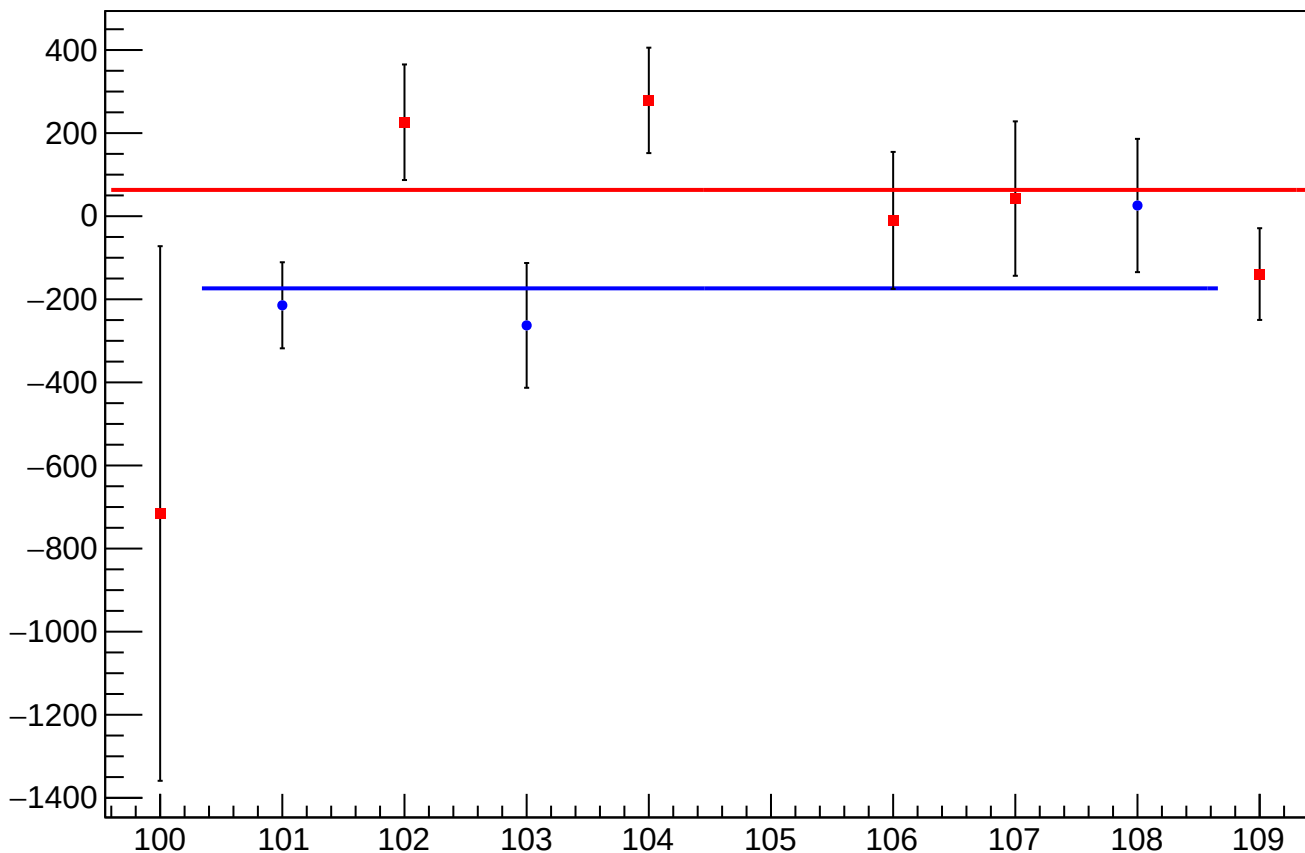
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 389.239 $\pm$ 0.140 χ^2 /NDF: 105889.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam6_mean vs Slug



Right In: -173.694 ± 75.291 χ^2/NDF : 2.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 63.256 ± 61.543 χ^2/NDF : 9.3/5

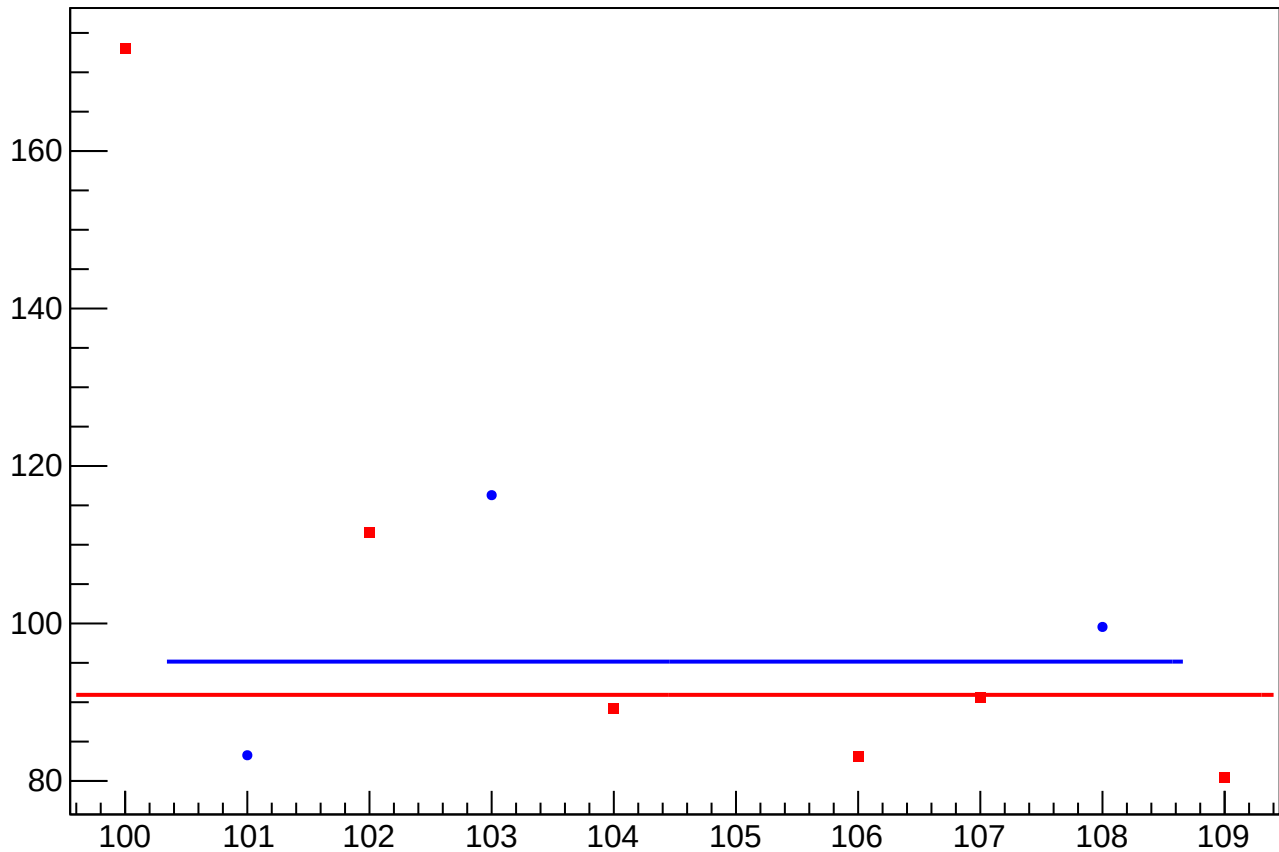
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.649 ± 47.650 χ^2/NDF : 17.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_rms vs Slug



Right In: 95.157 $\pm$ 0.053 χ^2 /NDF: 67496.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.935 $\pm$ 0.044 χ^2 /NDF: 99310.4/5

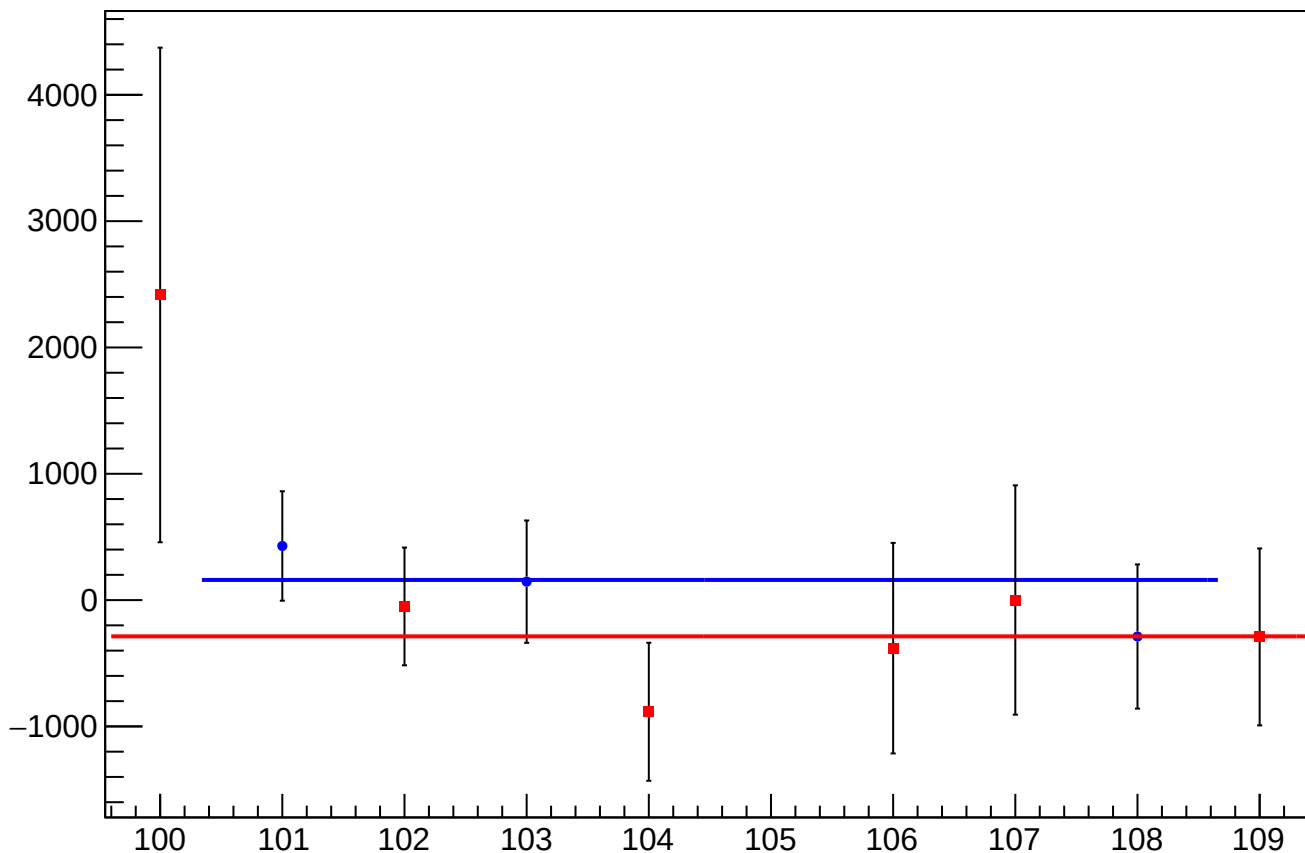
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.626 $\pm$ 0.034 χ^2 /NDF: 170578.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_mean vs Slug



Right In: 159.581 $\pm$ 280.994 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -286.984 $\pm$ 278.393 χ^2 /NDF: 3.5/5

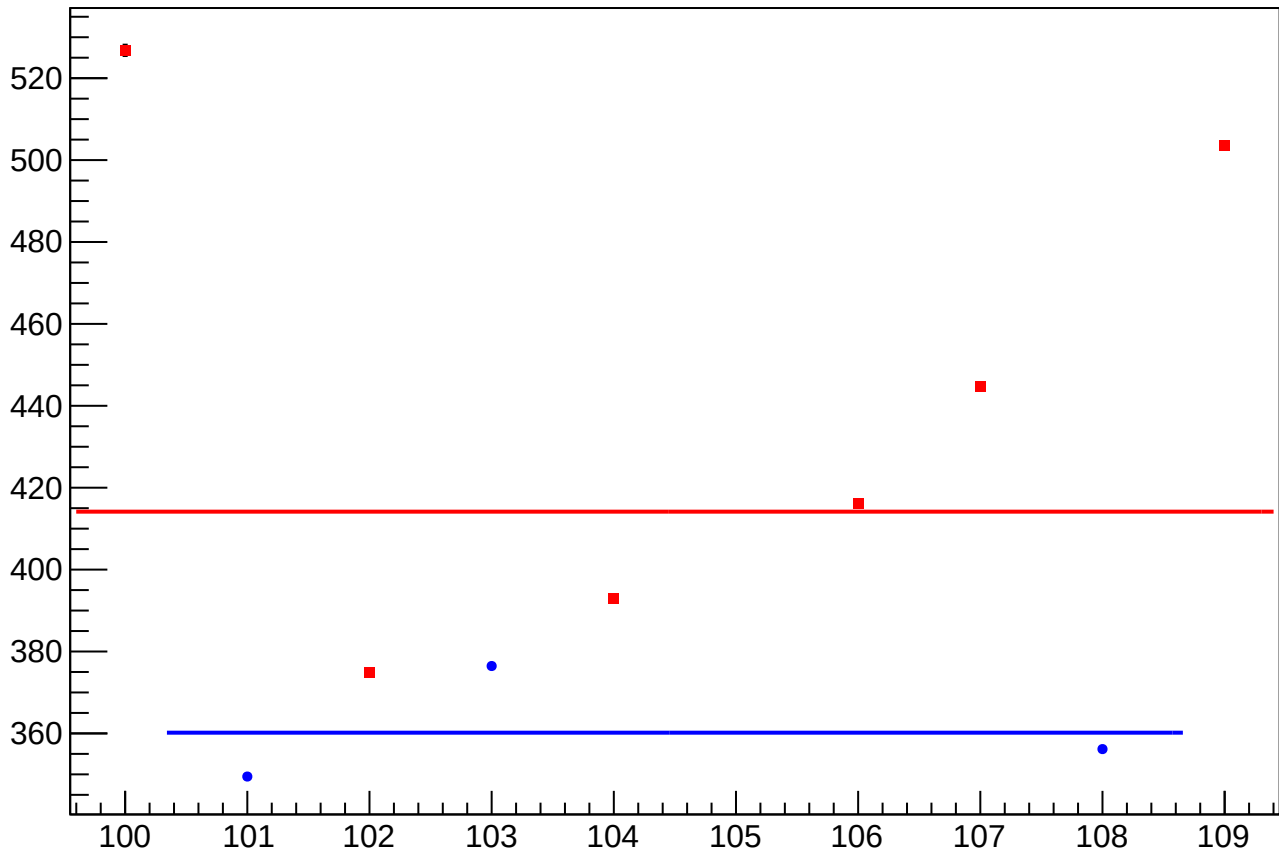
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.777 $\pm$ 197.767 χ^2 /NDF: 5.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_rms vs Slug



Right In: 360.179+/-0.199 χ^2/NDF : 3581.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 414.151+/-0.197 χ^2/NDF : 58531.5/5

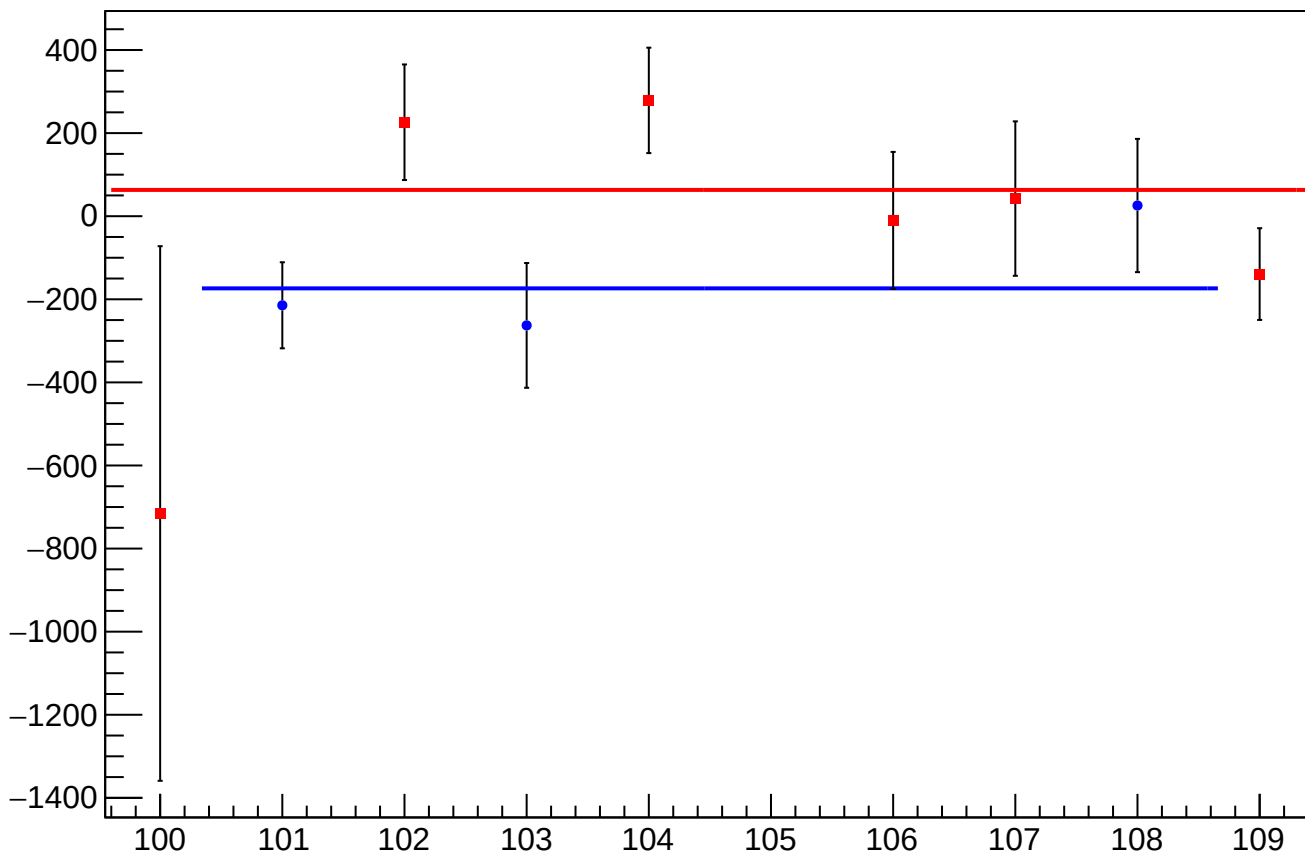
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 387.416+/-0.140 χ^2/NDF : 99349.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_mean vs Slug



Right In: -173.694 $\pm$ 75.291 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.256 $\pm$ 61.543 χ^2 /NDF: 9.3/5

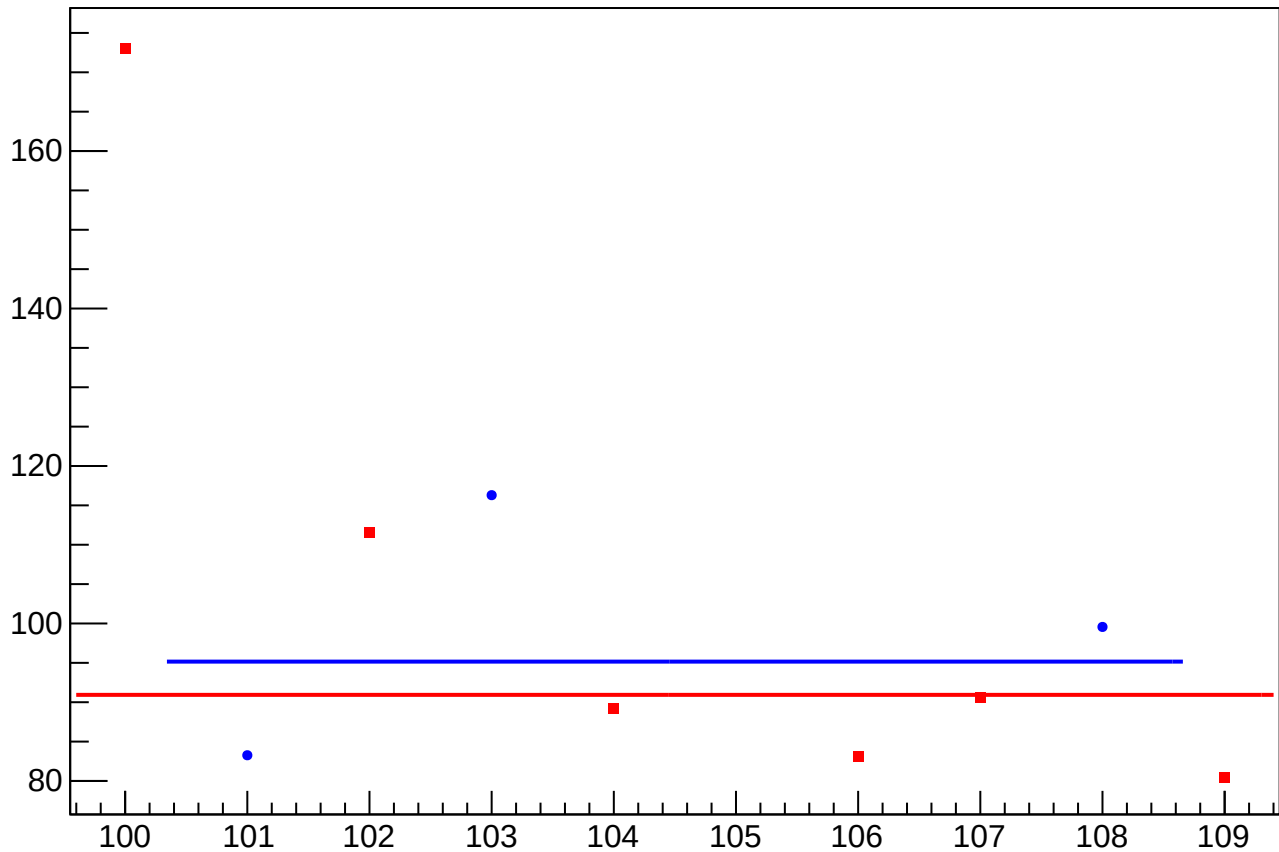
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.649 $\pm$ 47.650 χ^2 /NDF: 17.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam6_rms vs Slug



Right In: 95.157+/-0.053 χ^2/NDF : 67496.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.935+/-0.044 χ^2/NDF : 99310.4/5

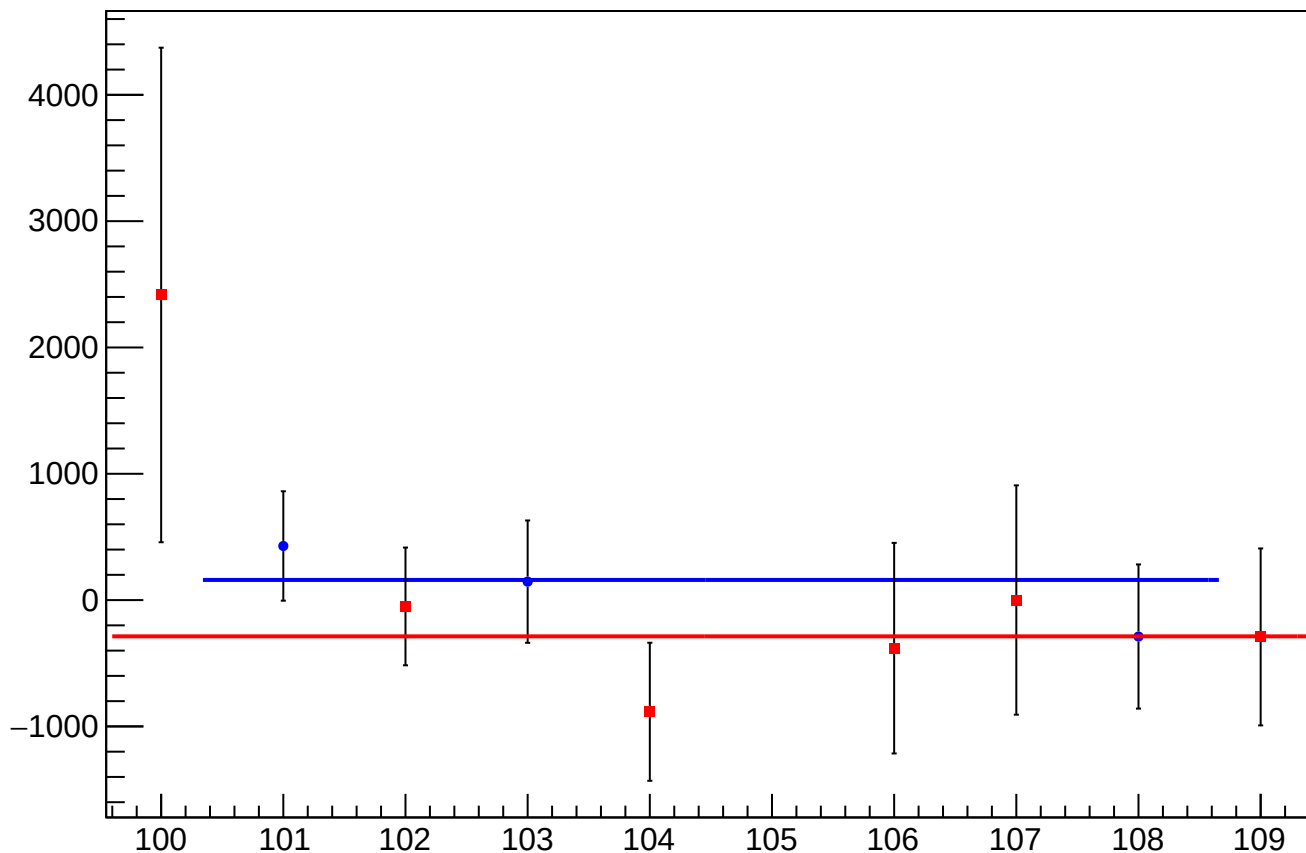
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.626+/-0.034 χ^2/NDF : 170578.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_mean vs Slug



Right In: 159.581 $\pm$ 280.994 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -286.984 $\pm$ 278.393 χ^2 /NDF: 3.5/5

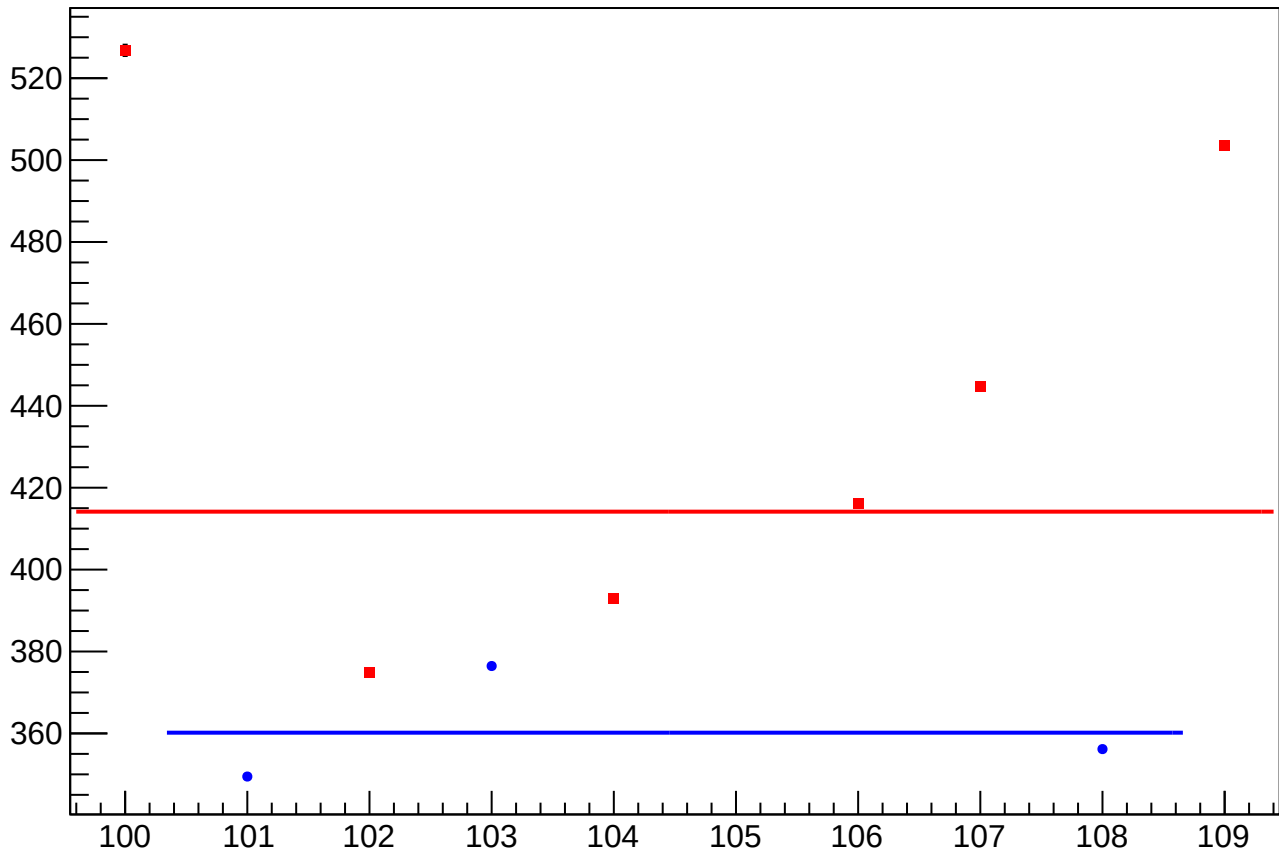
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.777 $\pm$ 197.767 χ^2 /NDF: 5.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 360.179 $\pm$ 0.199 χ^2 /NDF: 3581.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 414.151 $\pm$ 0.197 χ^2 /NDF: 58531.5/5

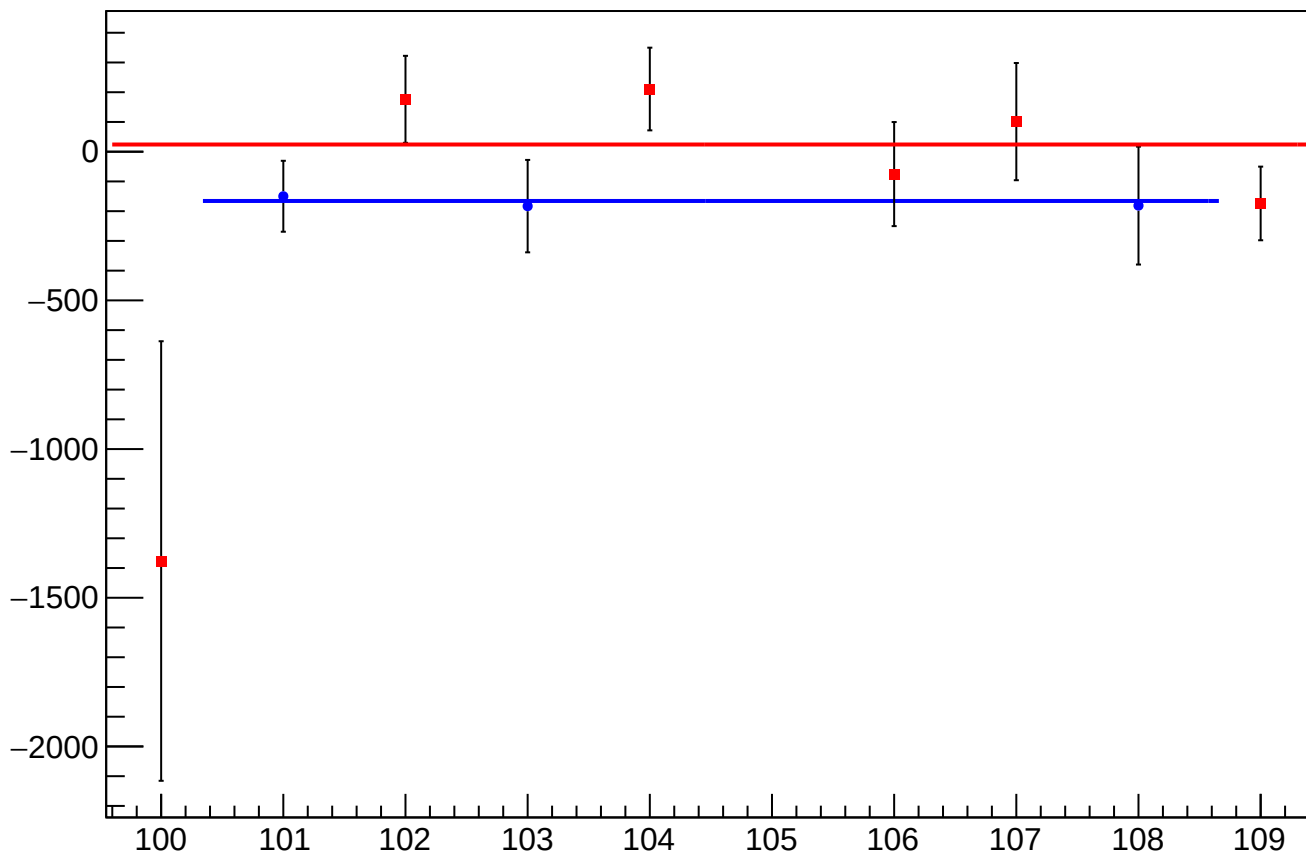
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 387.416 $\pm$ 0.140 χ^2 /NDF: 99349.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -165.705+/-85.393 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.178+/-66.824 χ^2/NDF : 9.5/5

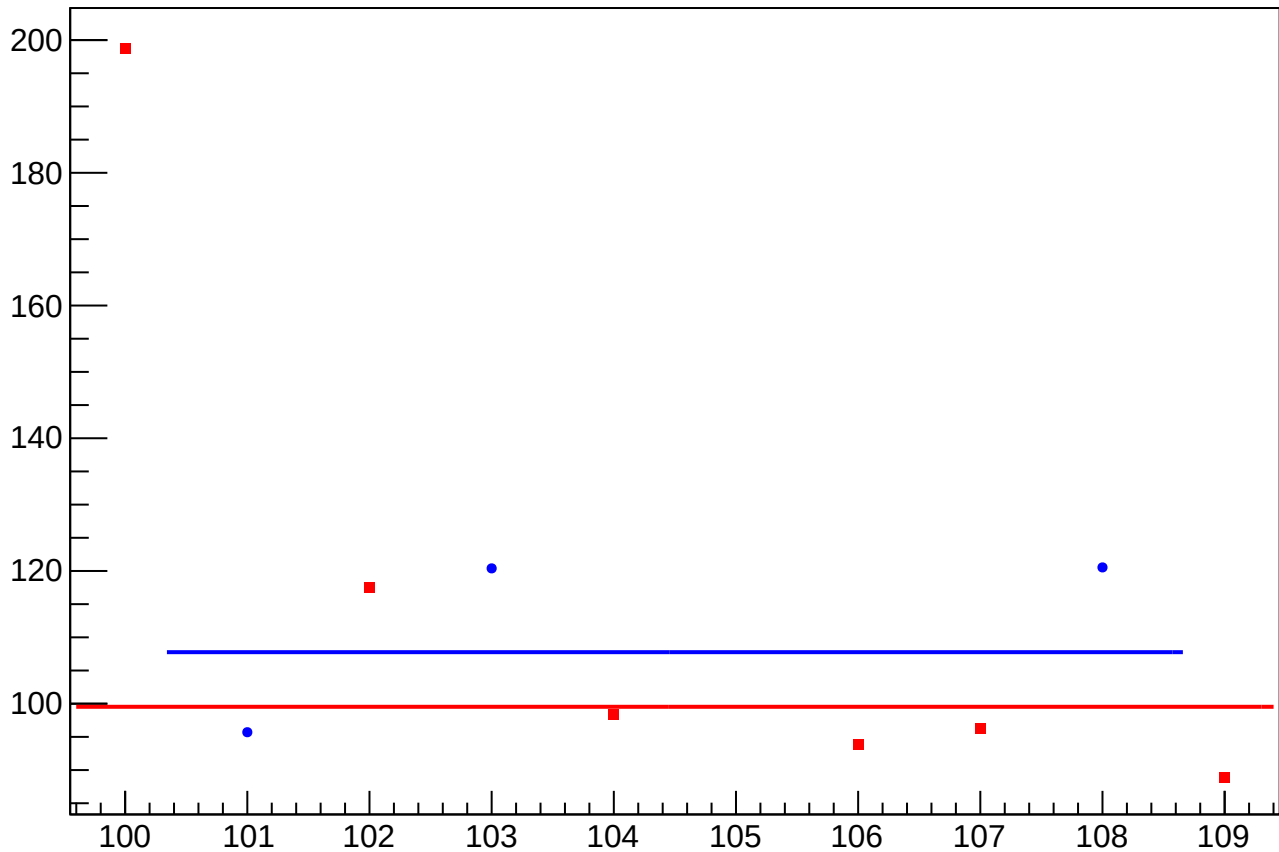
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.940+/-52.626 χ^2/NDF : 12.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_rms vs Slug



Right In: 107.765 $\pm$ 0.060 χ^2 /NDF: 41961.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.534 $\pm$ 0.047 χ^2 /NDF: 83712.6/5

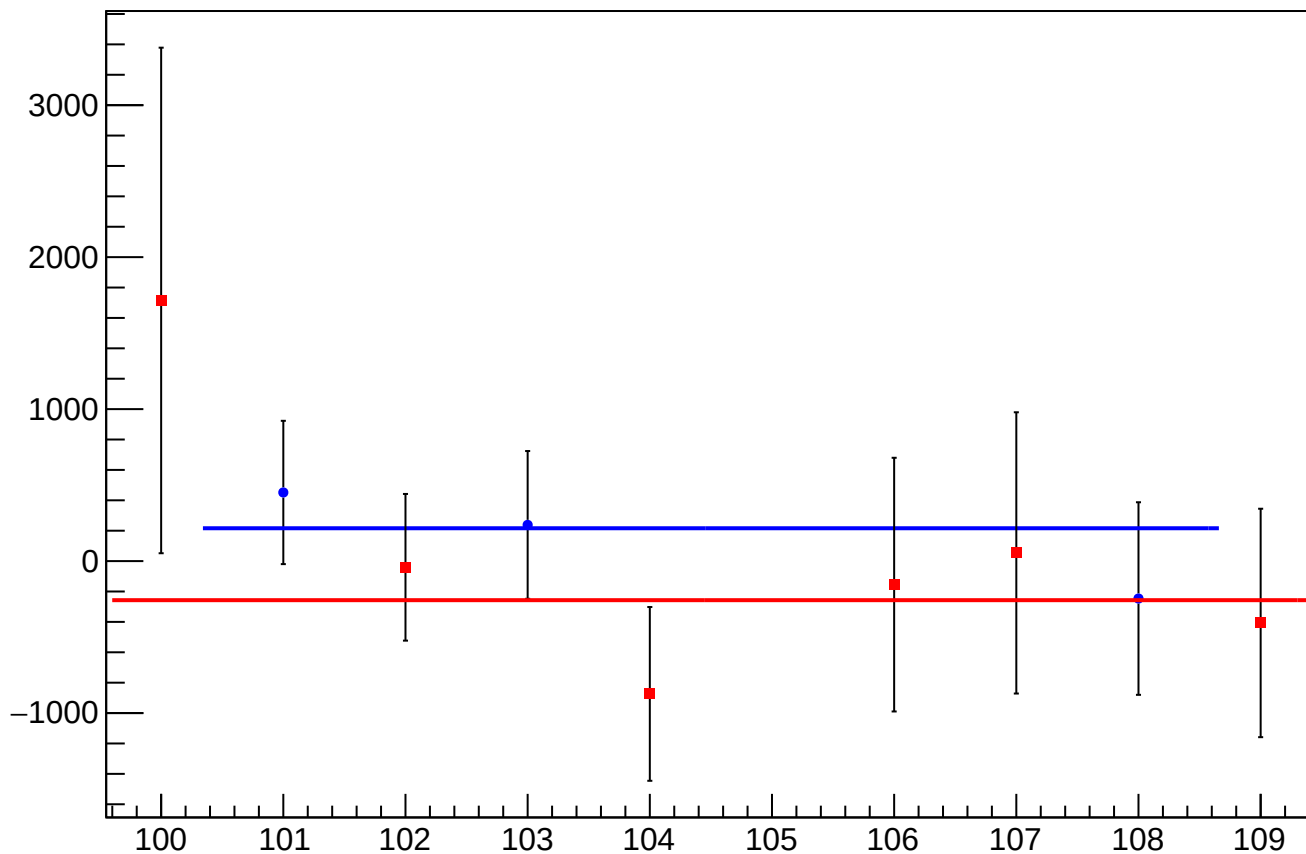
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.660 $\pm$ 0.037 χ^2 /NDF: 137197.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



Right In: 216.130 $\pm$ 298.521 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -257.118 $\pm$ 287.606 χ^2 /NDF: 2.9/5

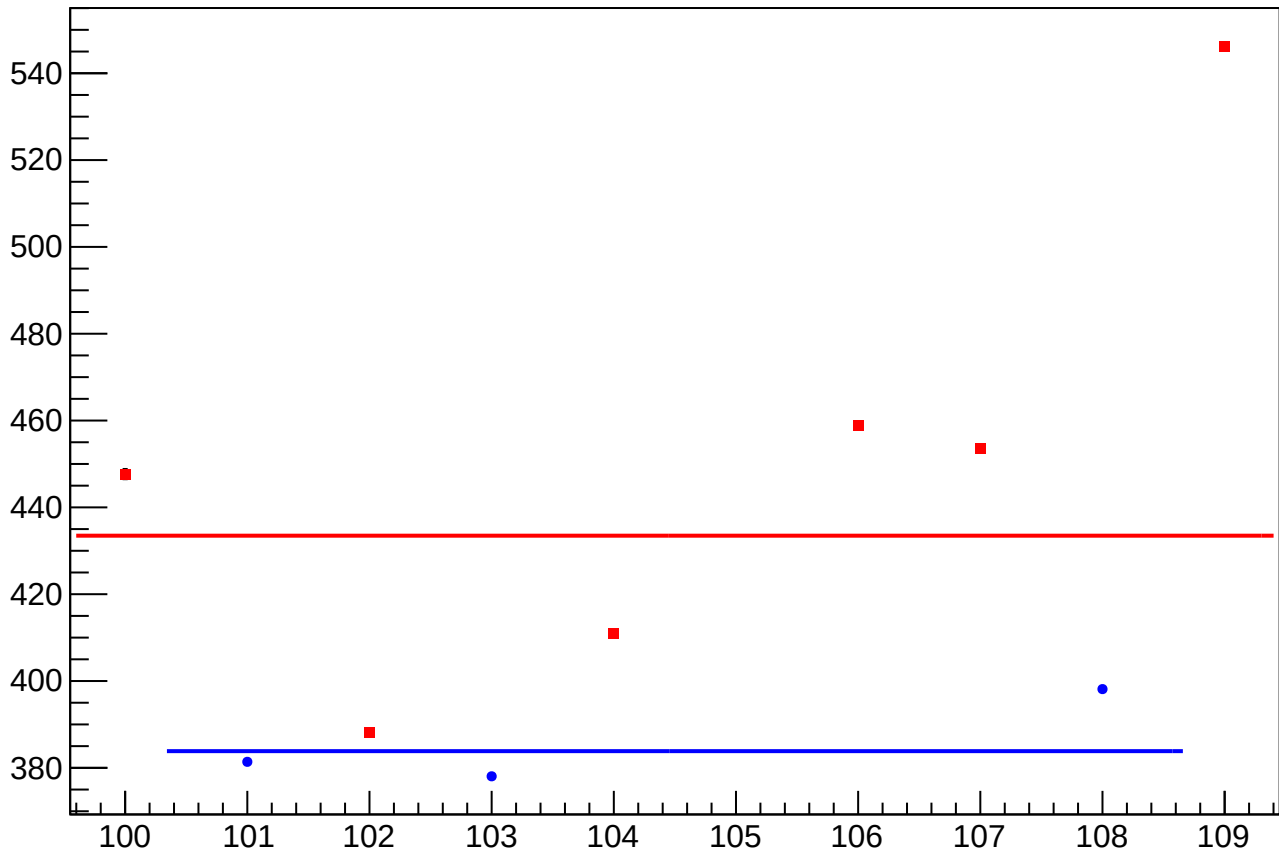
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.304 $\pm$ 207.119 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_rms vs Slug



Right In: 383.848 $\pm$ 0.211 χ^2 /NDF: 1356.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 433.479 $\pm$ 0.203 χ^2 /NDF: 68643.4/5

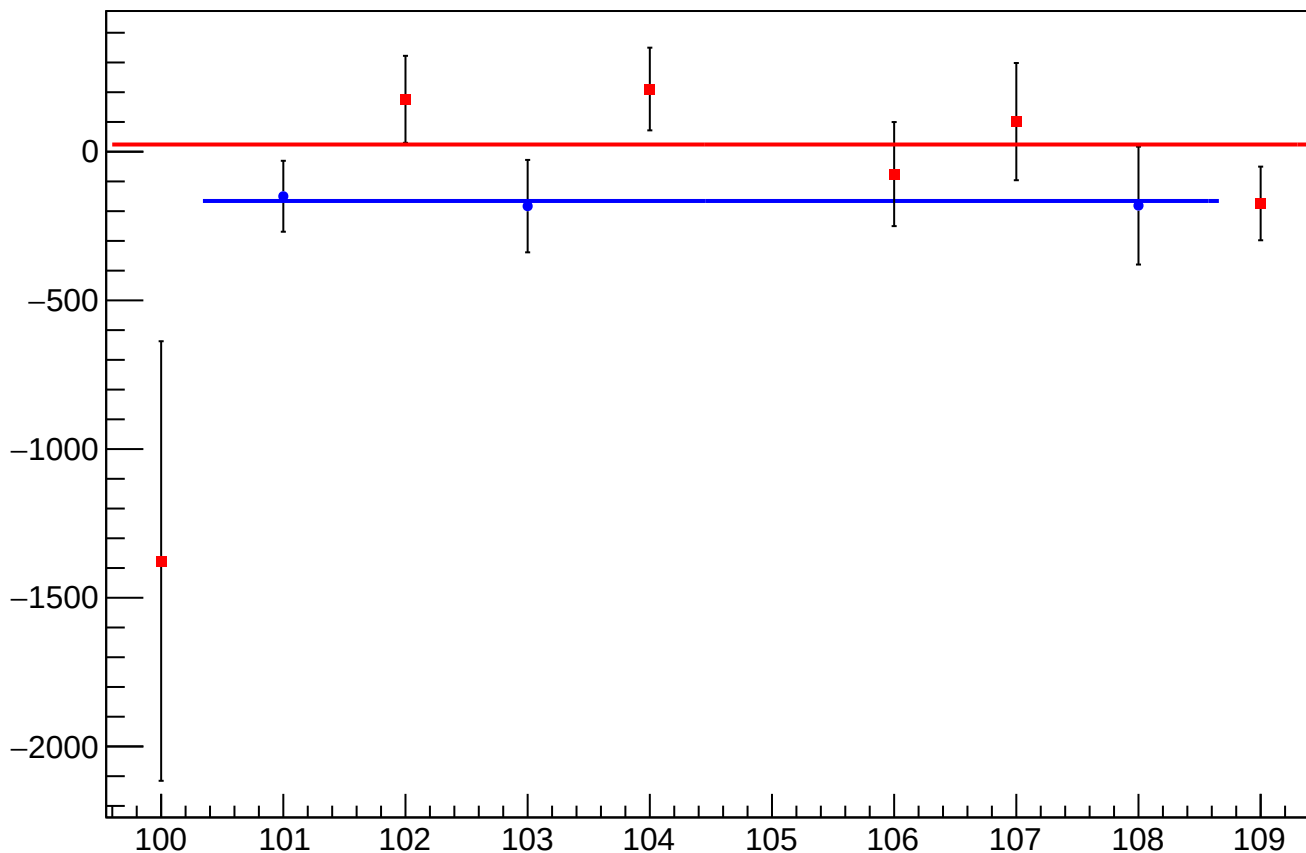
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 409.588 $\pm$ 0.146 χ^2 /NDF: 98670.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam6_mean vs Slug



Right In: -165.706+/-85.393 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.175+/-66.824 χ^2/NDF : 9.5/5

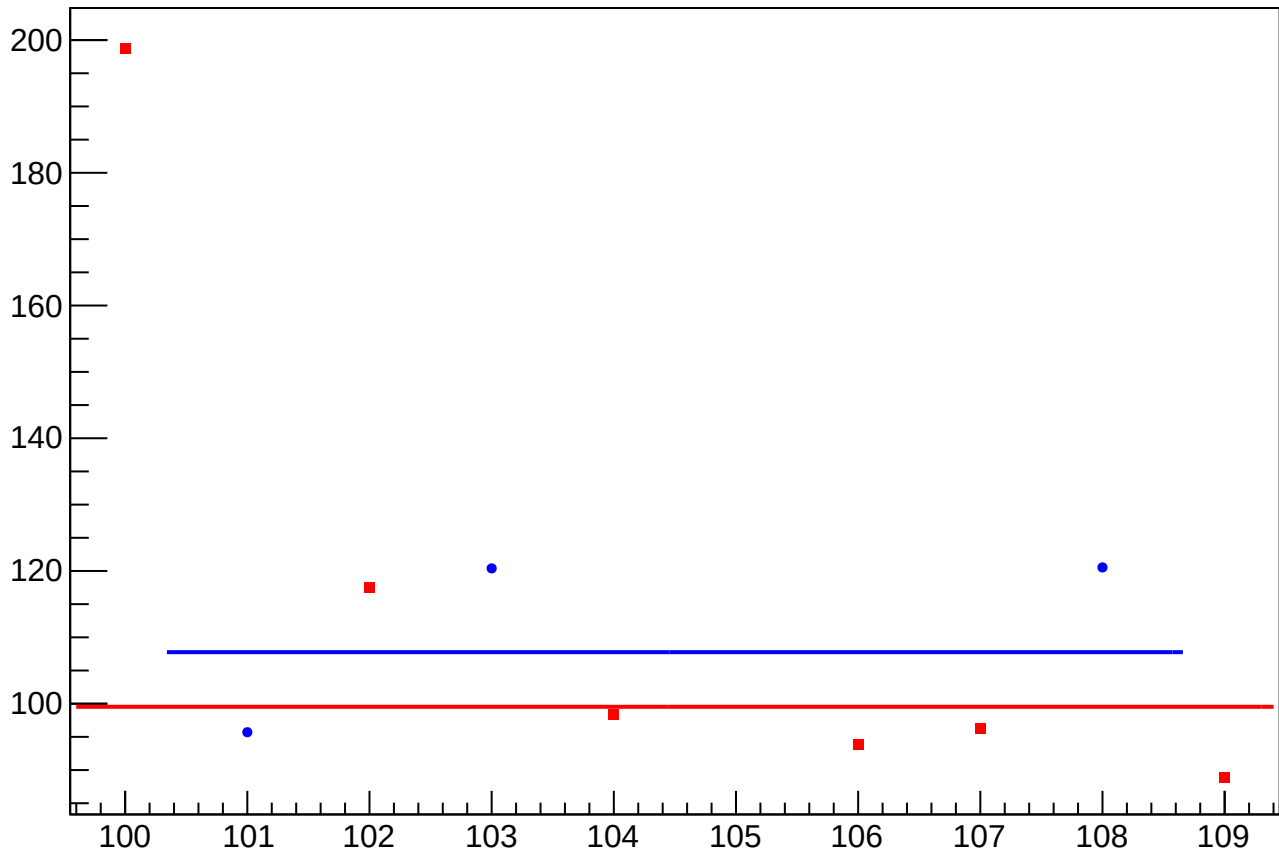
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.942+/-52.626 χ^2/NDF : 12.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_rms vs Slug



Right In: 107.764 $\pm$ 0.060 χ^2 /NDF: 41964.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.534 $\pm$ 0.047 χ^2 /NDF: 83714.1/5

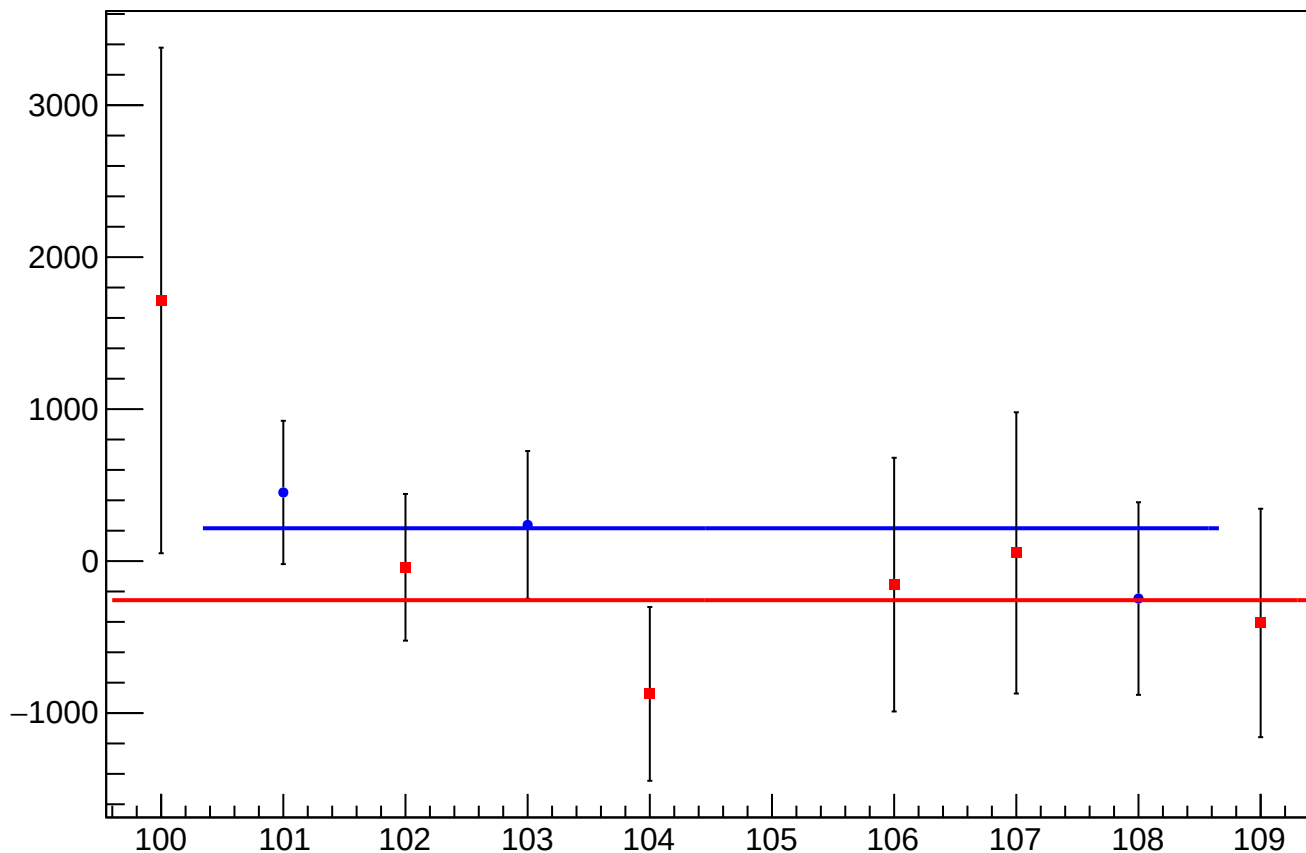
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.660 $\pm$ 0.037 χ^2 /NDF: 137200.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 216.130 $\pm$ 298.520 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -257.120 $\pm$ -287.606 χ^2 /NDF: 2.9/5

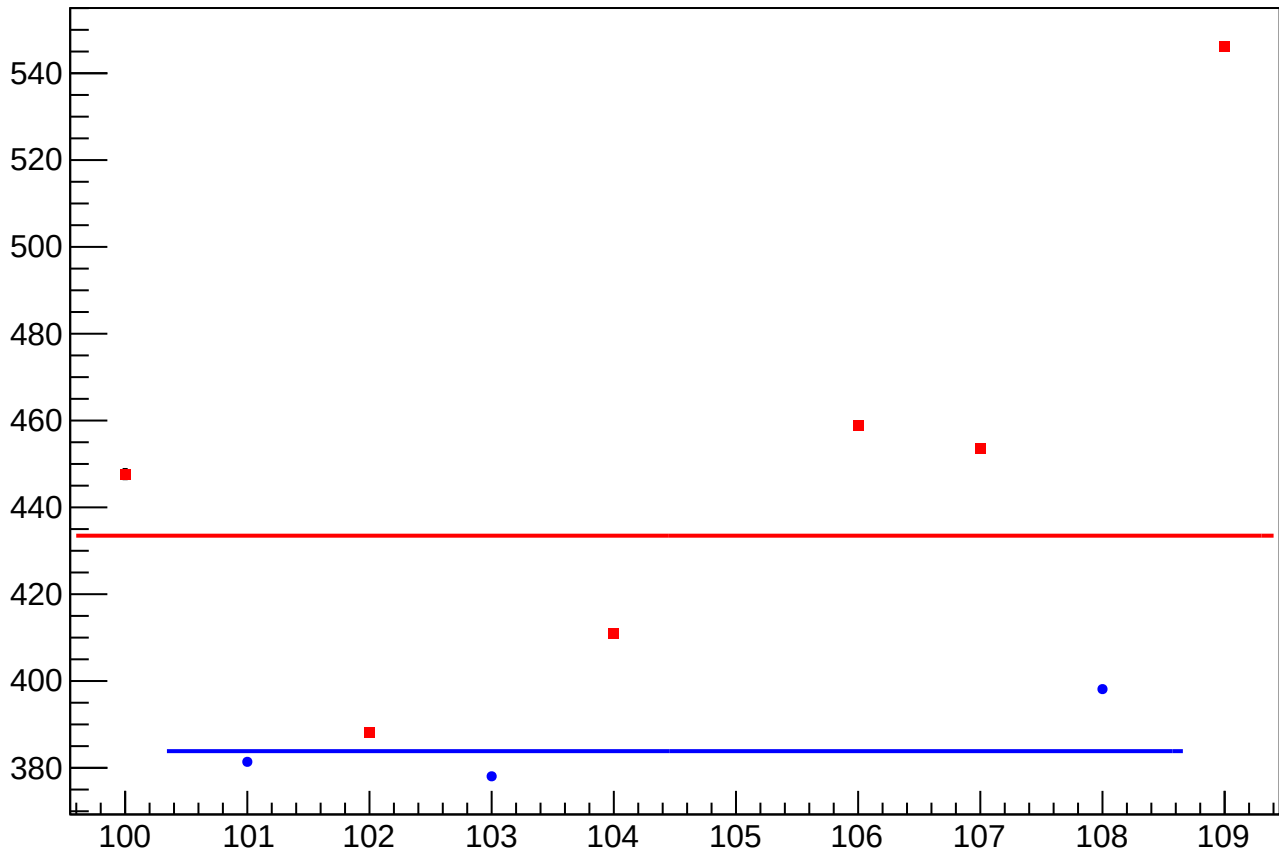
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: -29.305 $\pm$ -207.119 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 383.847 $\pm$ 0.211 χ^2 /NDF: 1356.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 433.479 $\pm$ 0.203 χ^2 /NDF: 68642.4/5

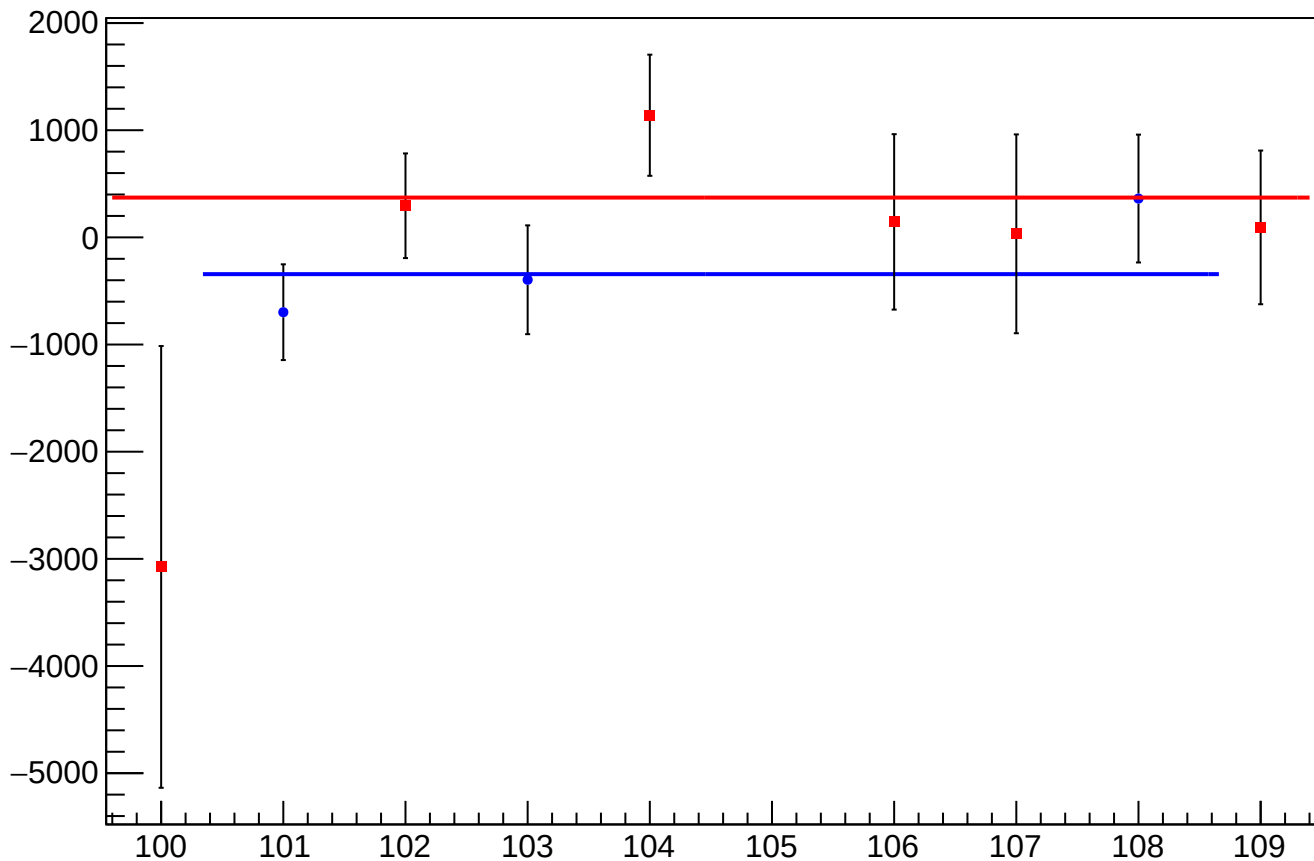
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 409.587 $\pm$ 0.146 χ^2 /NDF: 98669.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_mean vs Slug



Right In: -343.098+/-292.366 χ^2/NDF : 2.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 371.390+/-286.805 χ^2/NDF : 5.0/5

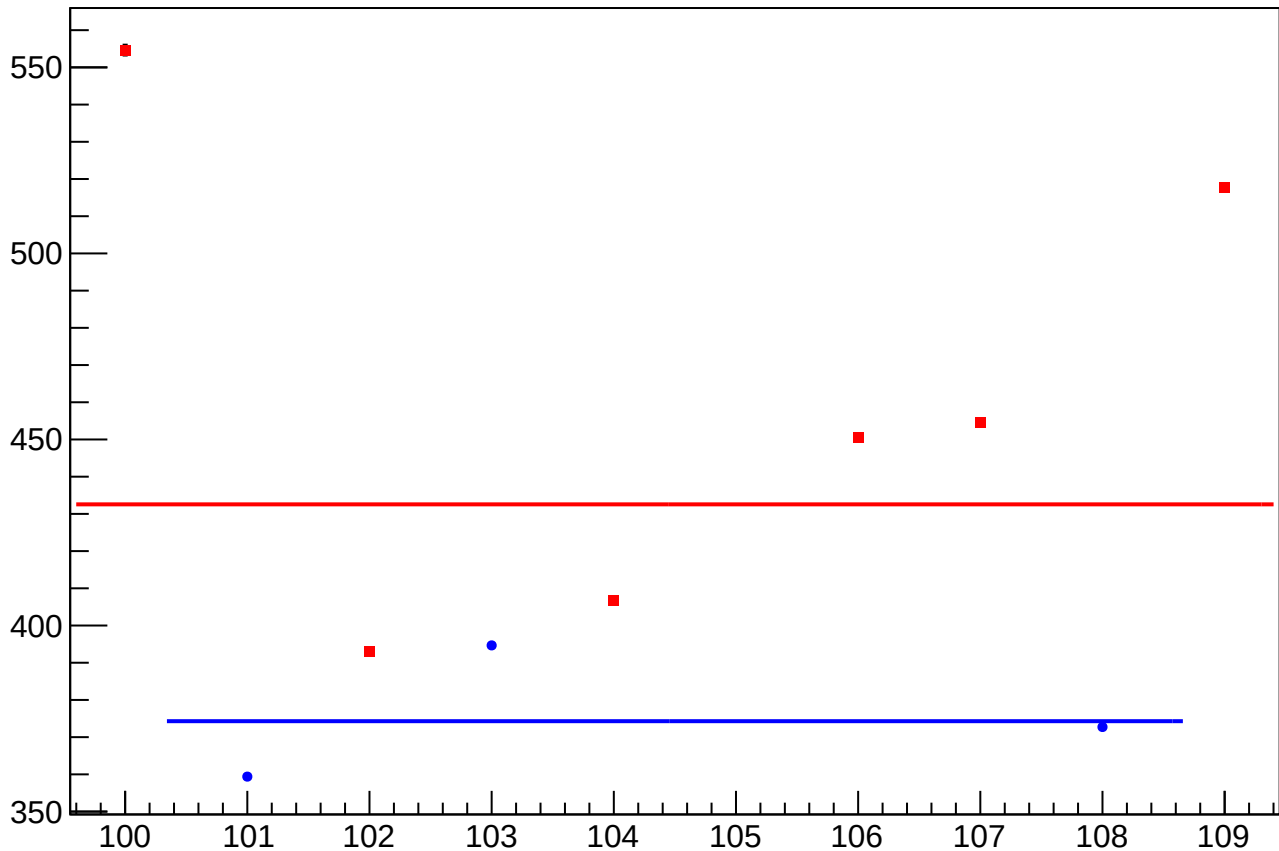
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.005+/-204.740 χ^2/NDF : 10.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_rms vs Slug



Right In: 374.291+/-0.207 χ^2/NDF : 5456.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 432.563+/-0.203 χ^2/NDF : 54575.4/5

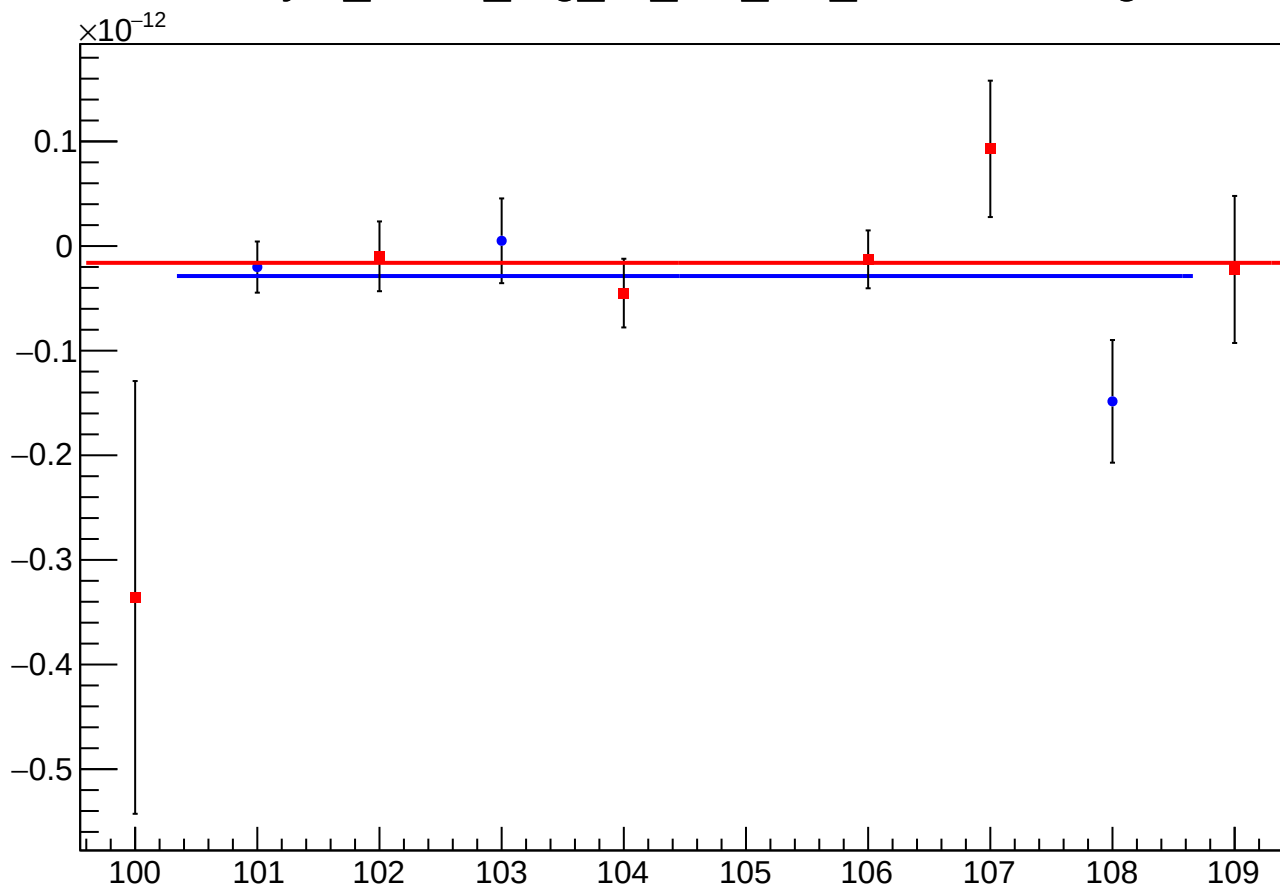
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.986+/-0.145 χ^2/NDF : 100519.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 5.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.0/5

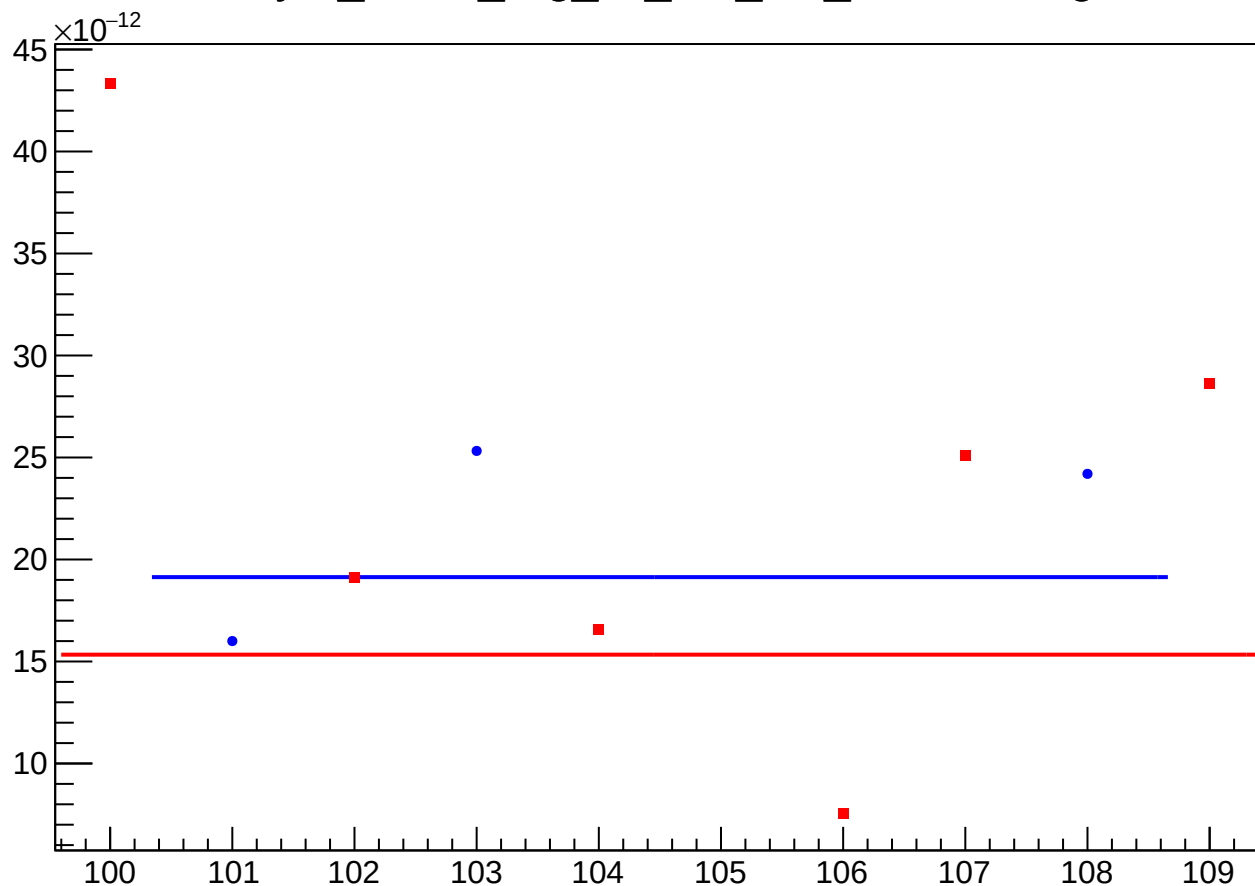
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 11.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 94456.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 339348.9/5

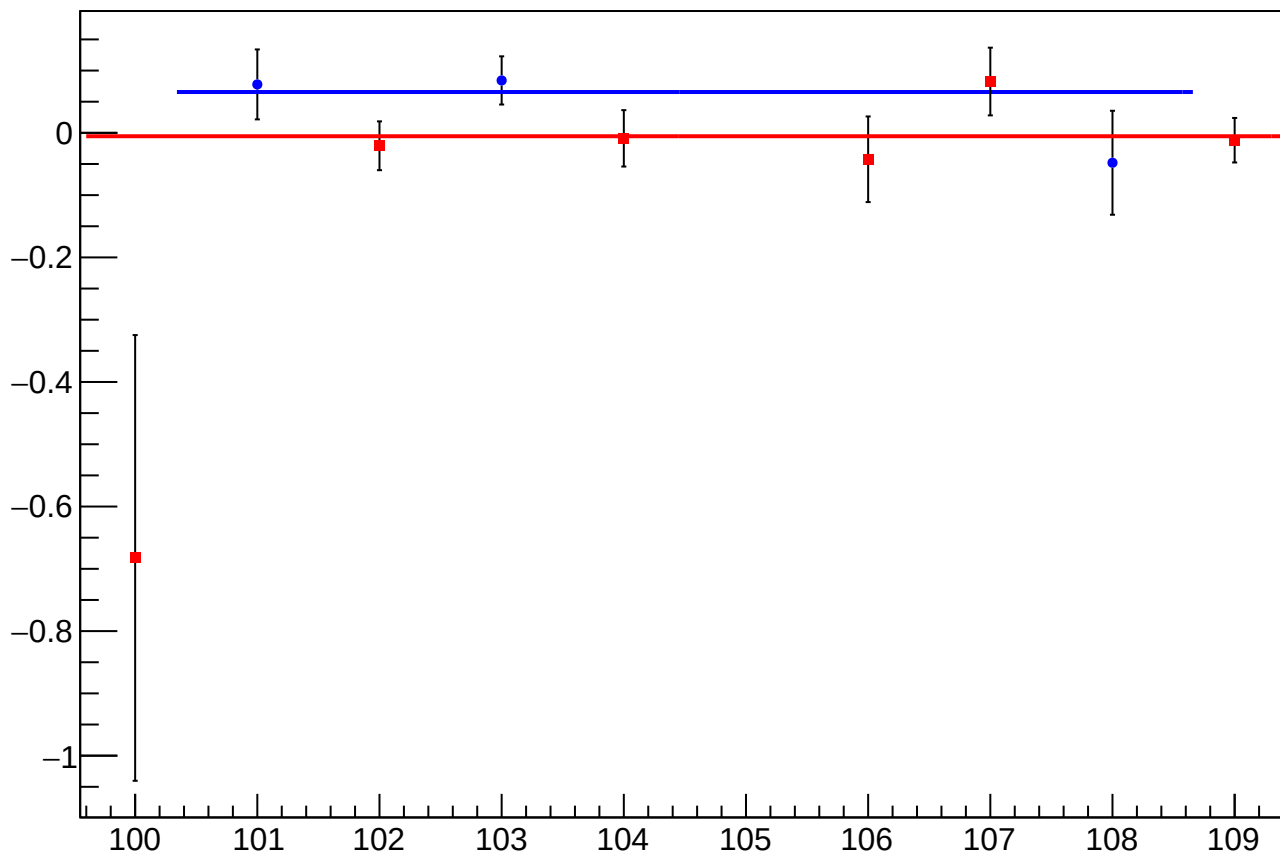
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 477156.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.066 $\pm$ 0.030 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.020 χ^2 /NDF: 6.7/5

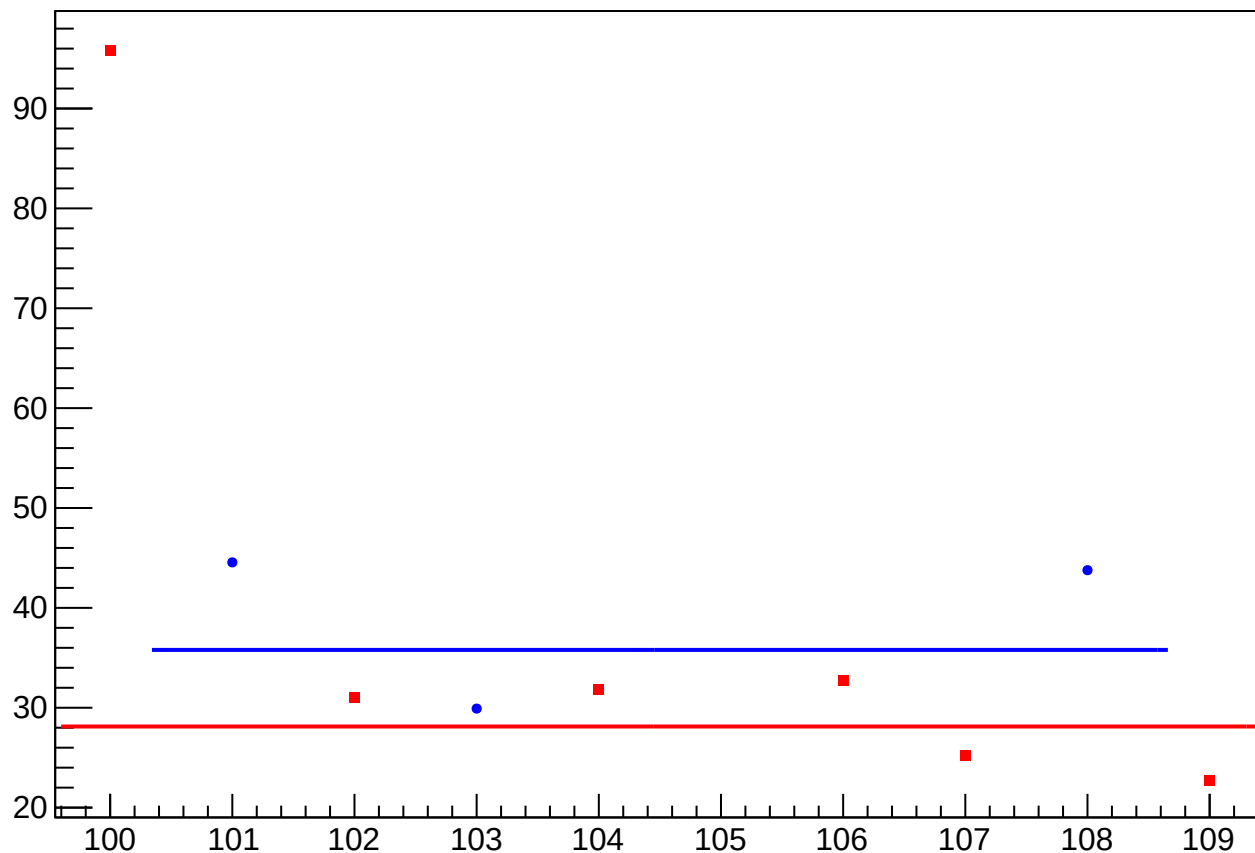
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.017 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 35.791+/-0.021 χ^2/NDF : 113154.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156683.4/5

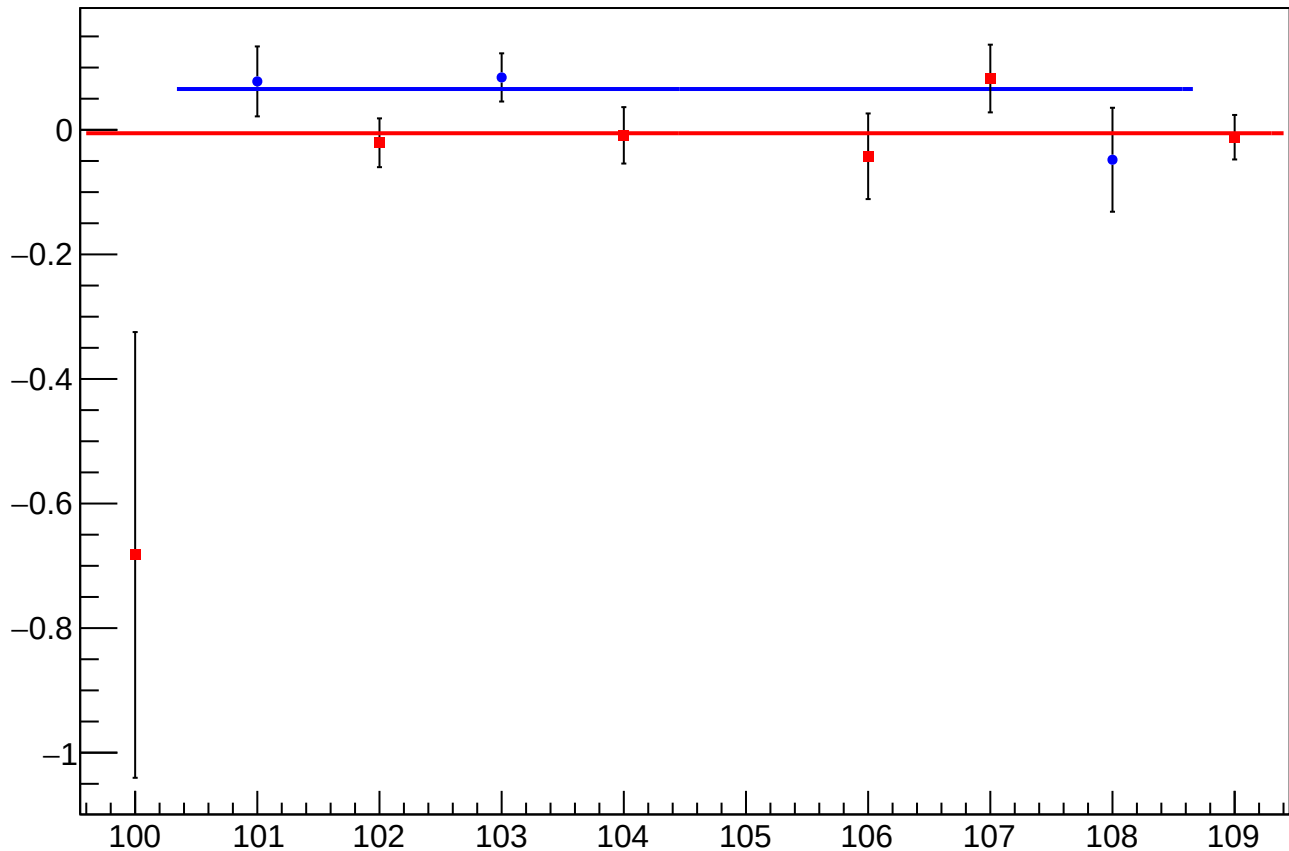
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.520+/-0.012 χ^2/NDF : 361097.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.066 $\pm$ 0.030 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.020 χ^2 /NDF: 6.7/5

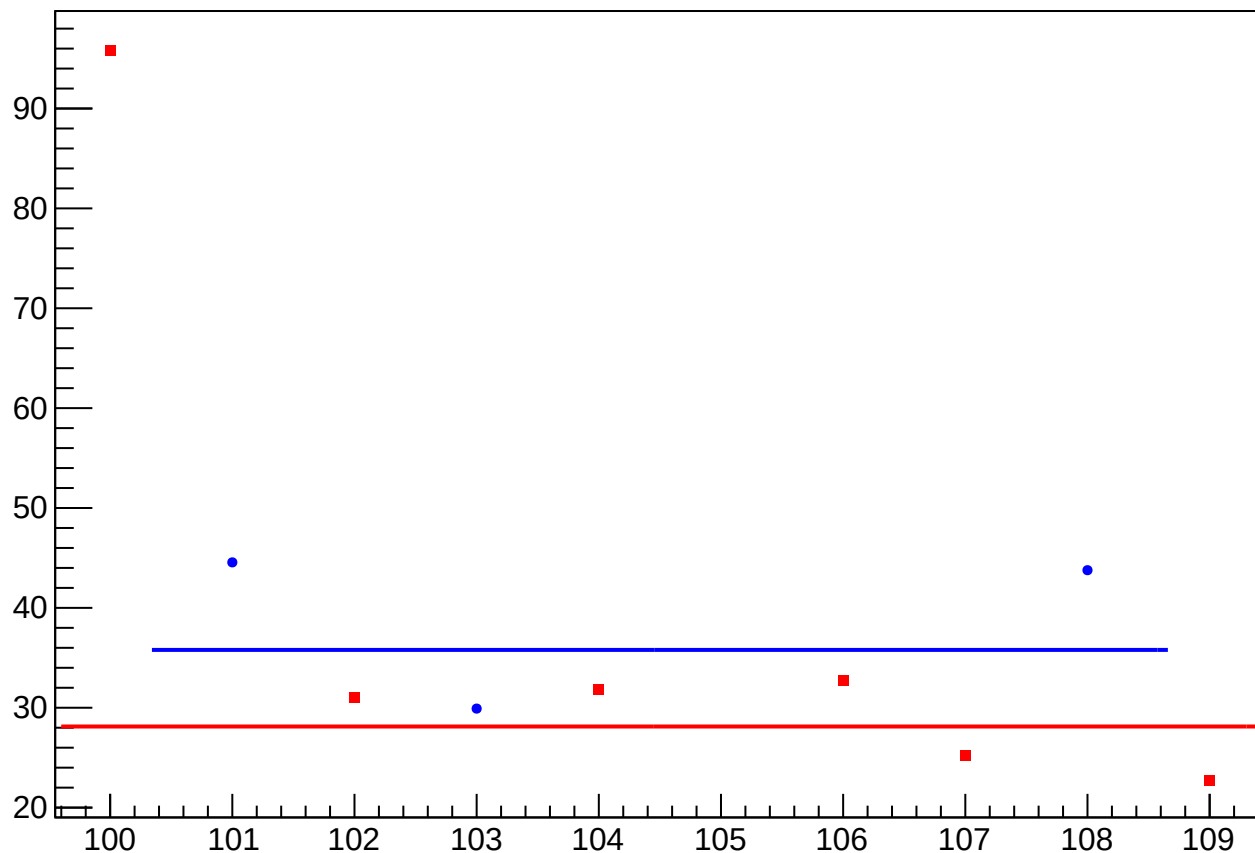
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.017 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.791+/-0.021 χ^2/NDF : 113154.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156683.4/5

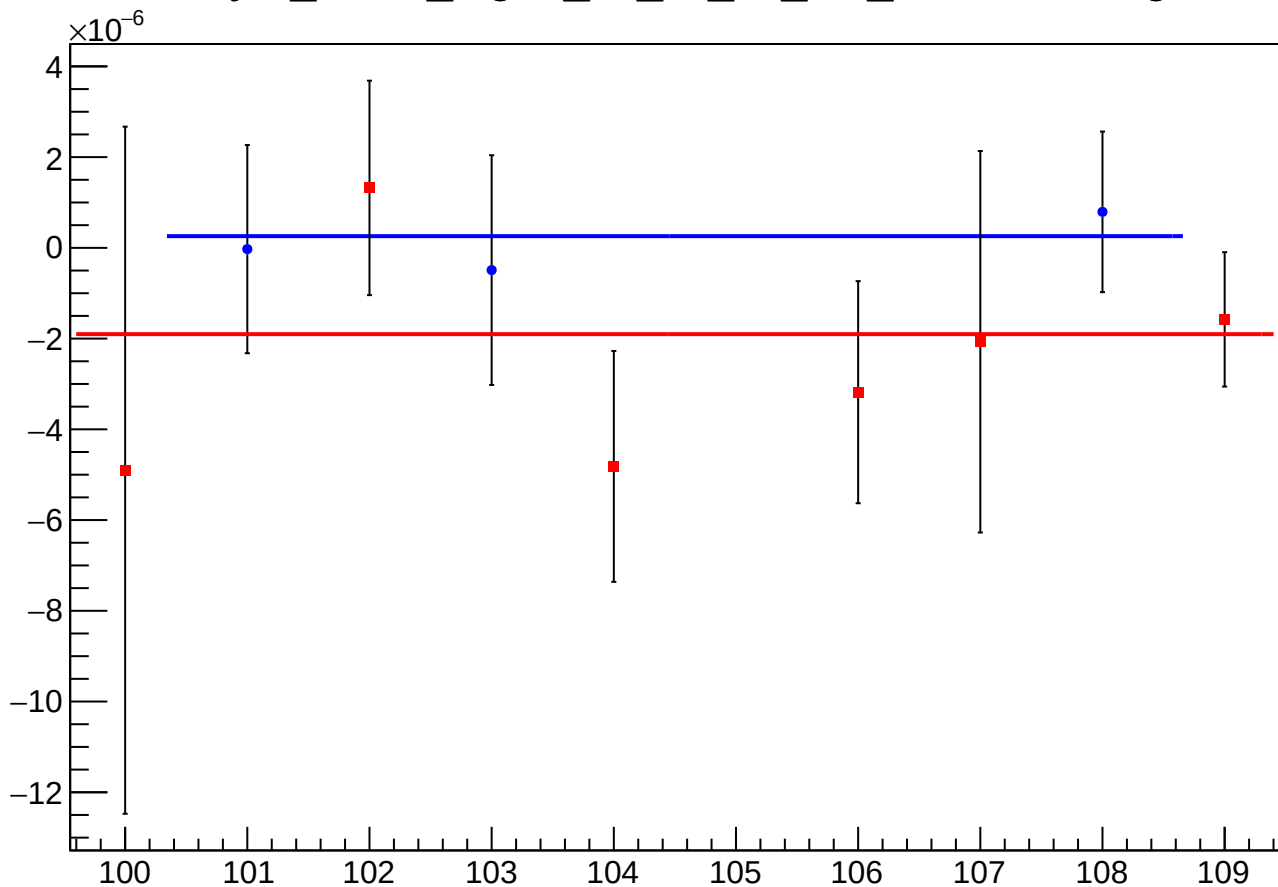
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.520+/-0.012 χ^2/NDF : 361097.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 0.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 3.7/5

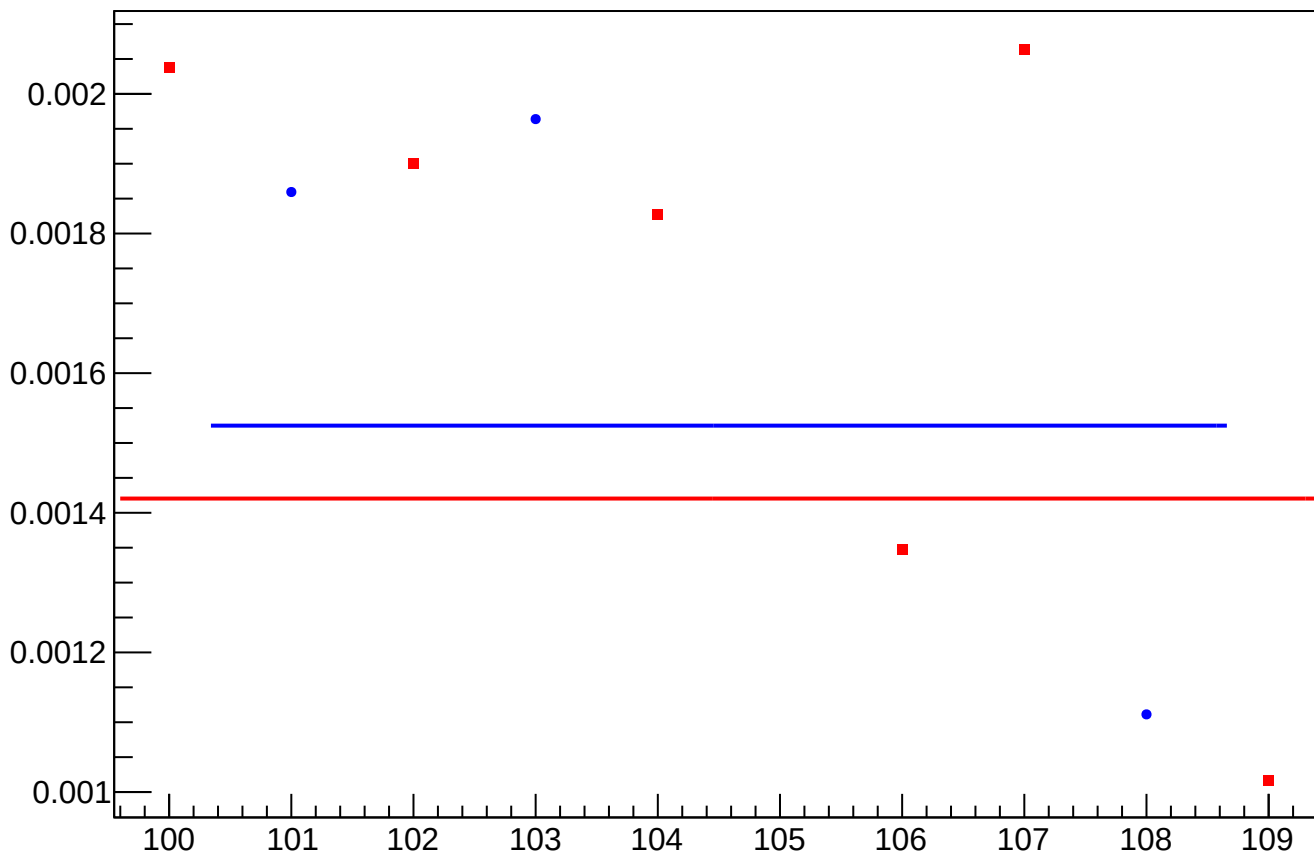
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 5.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 211901.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 343903.7/5

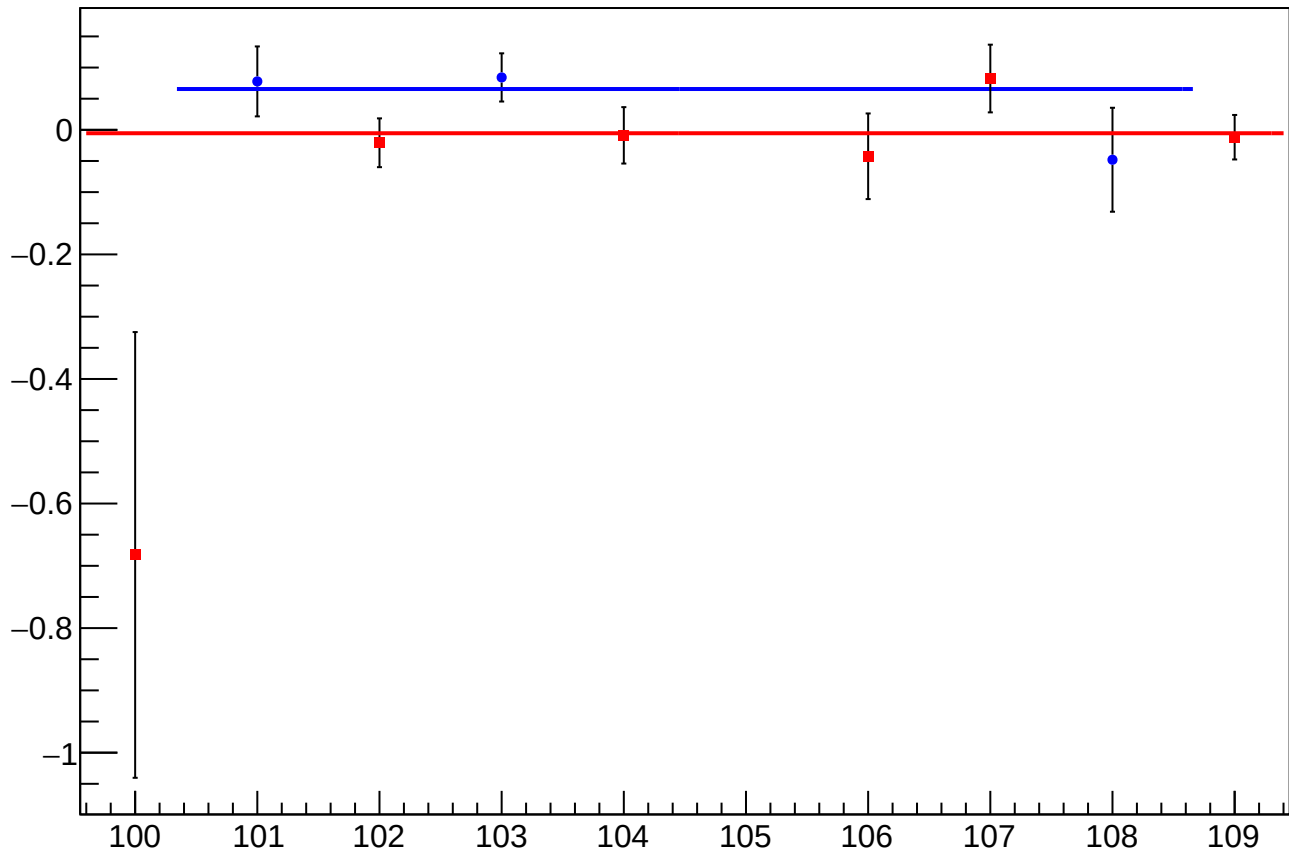
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 564623.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.066 $\pm$ 0.030 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.020 χ^2 /NDF: 6.7/5

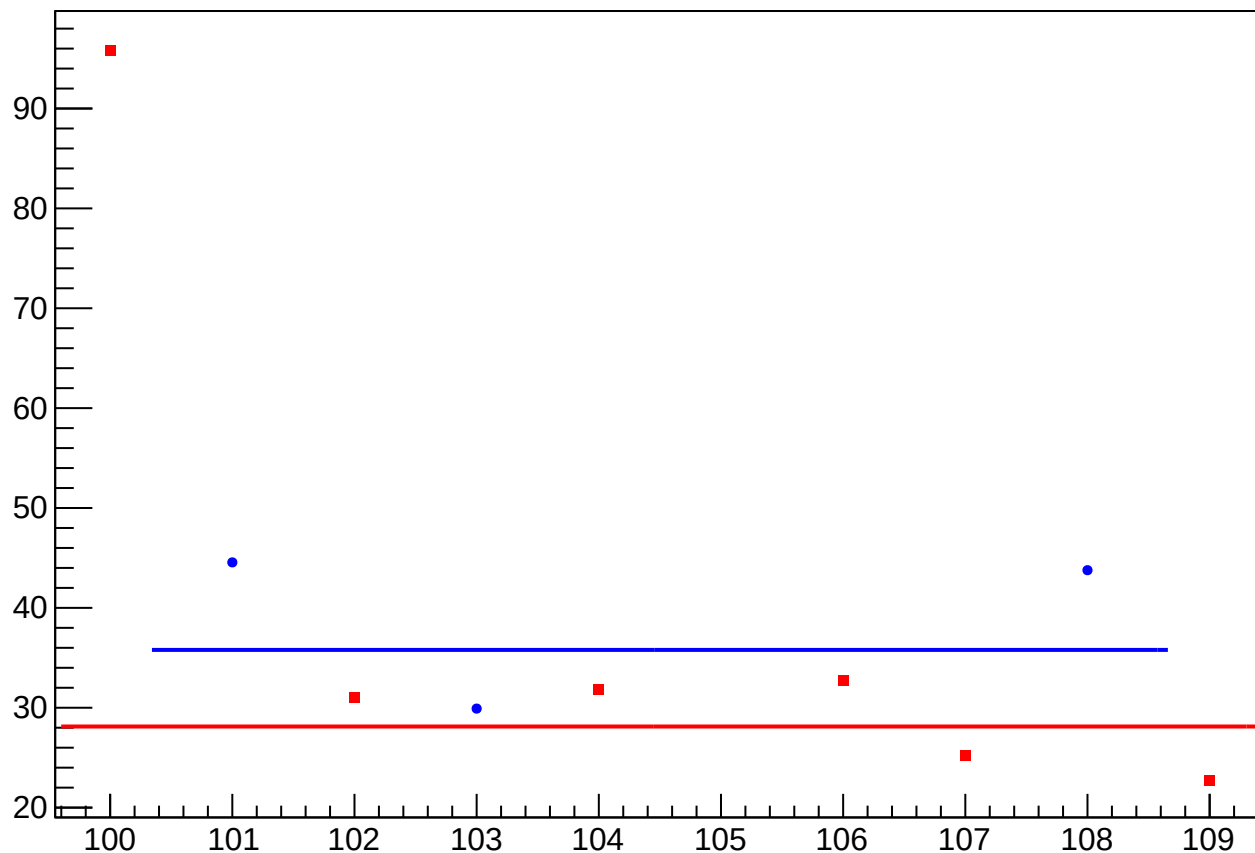
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.017 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 35.791+/-0.021 χ^2/NDF : 113133.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156688.5/5

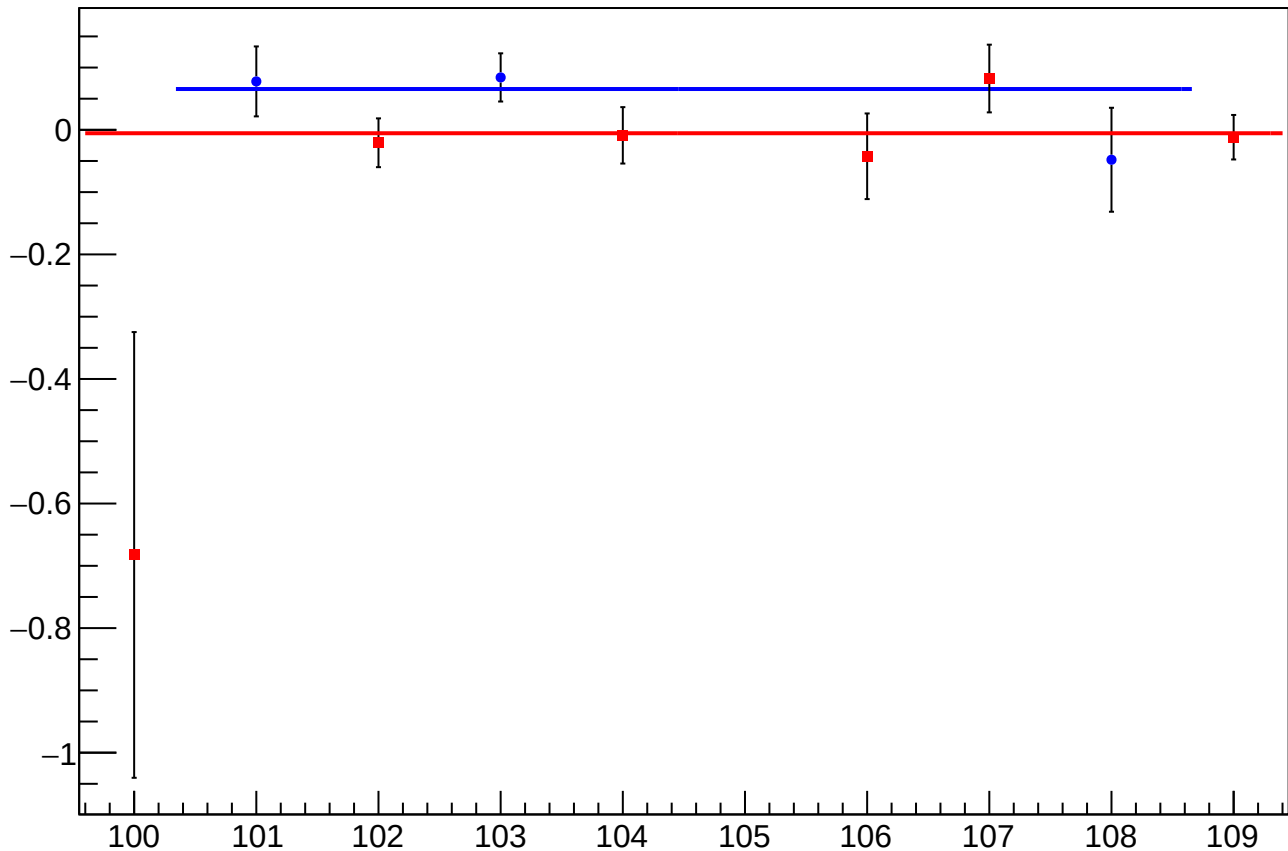
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.520+/-0.012 χ^2/NDF : 361085.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.066 $\pm$ 0.030 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.020 χ^2 /NDF: 6.7/5

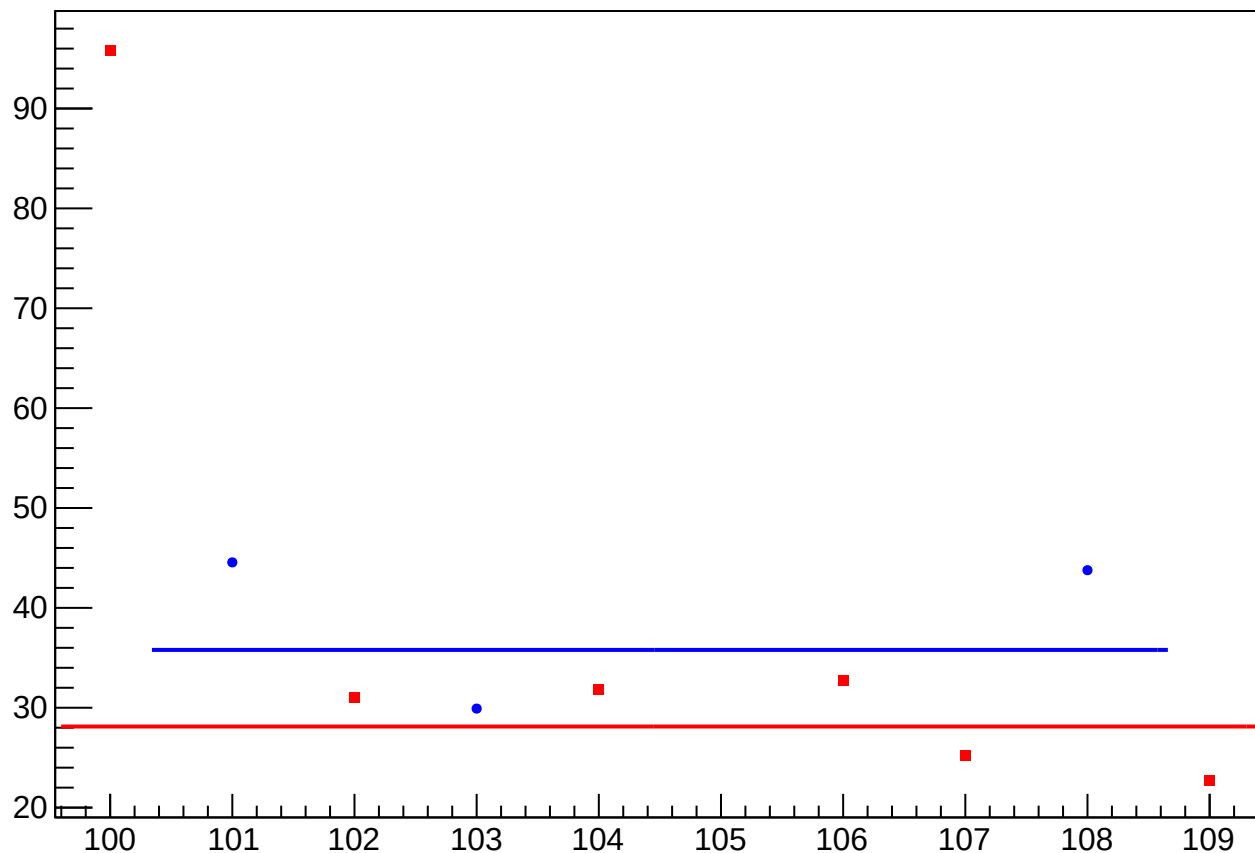
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.017 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.791+/-0.021 χ^2/NDF : 113133.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.121+/-0.014 χ^2/NDF : 156688.5/5

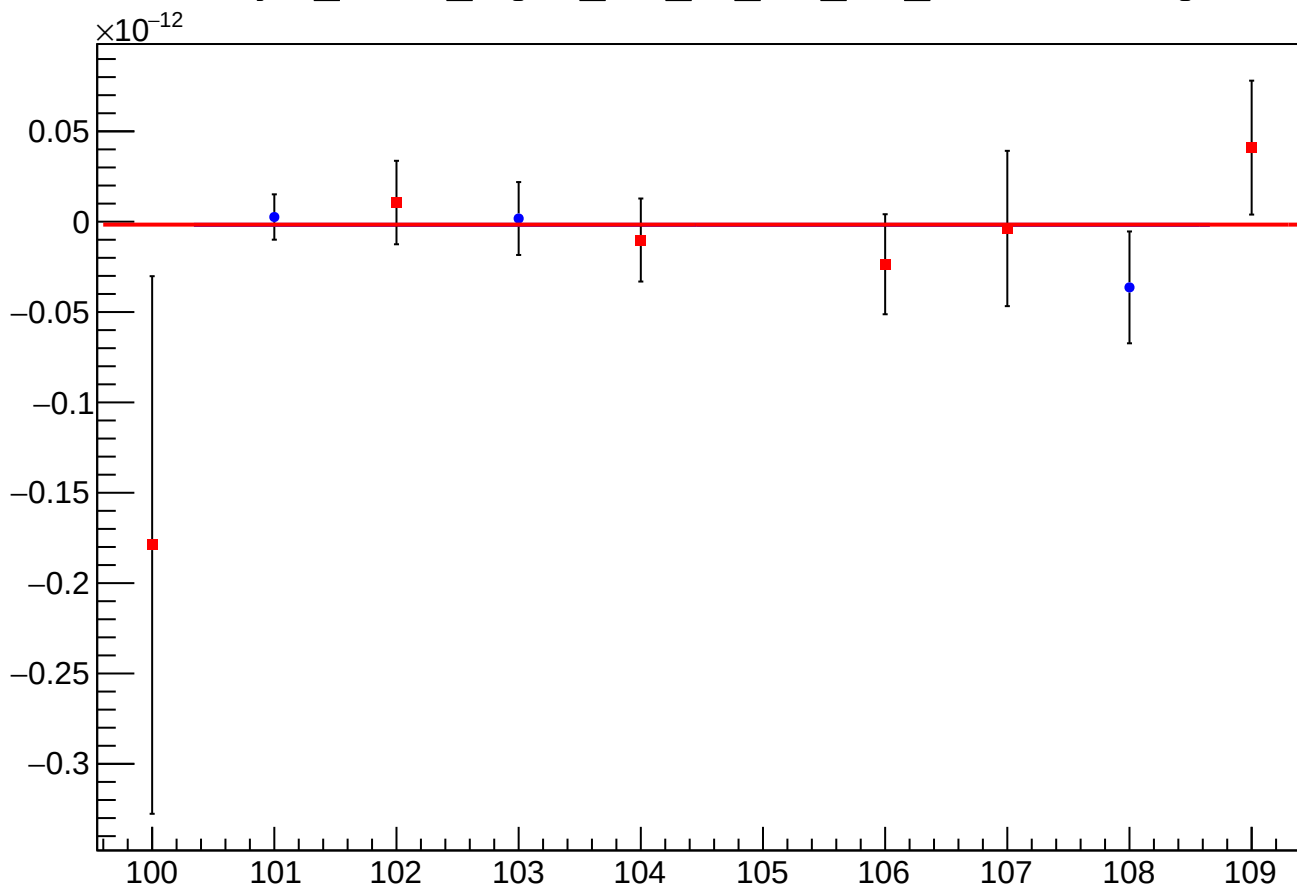
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.520+/-0.012 χ^2/NDF : 361085.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 1.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 3.8/5

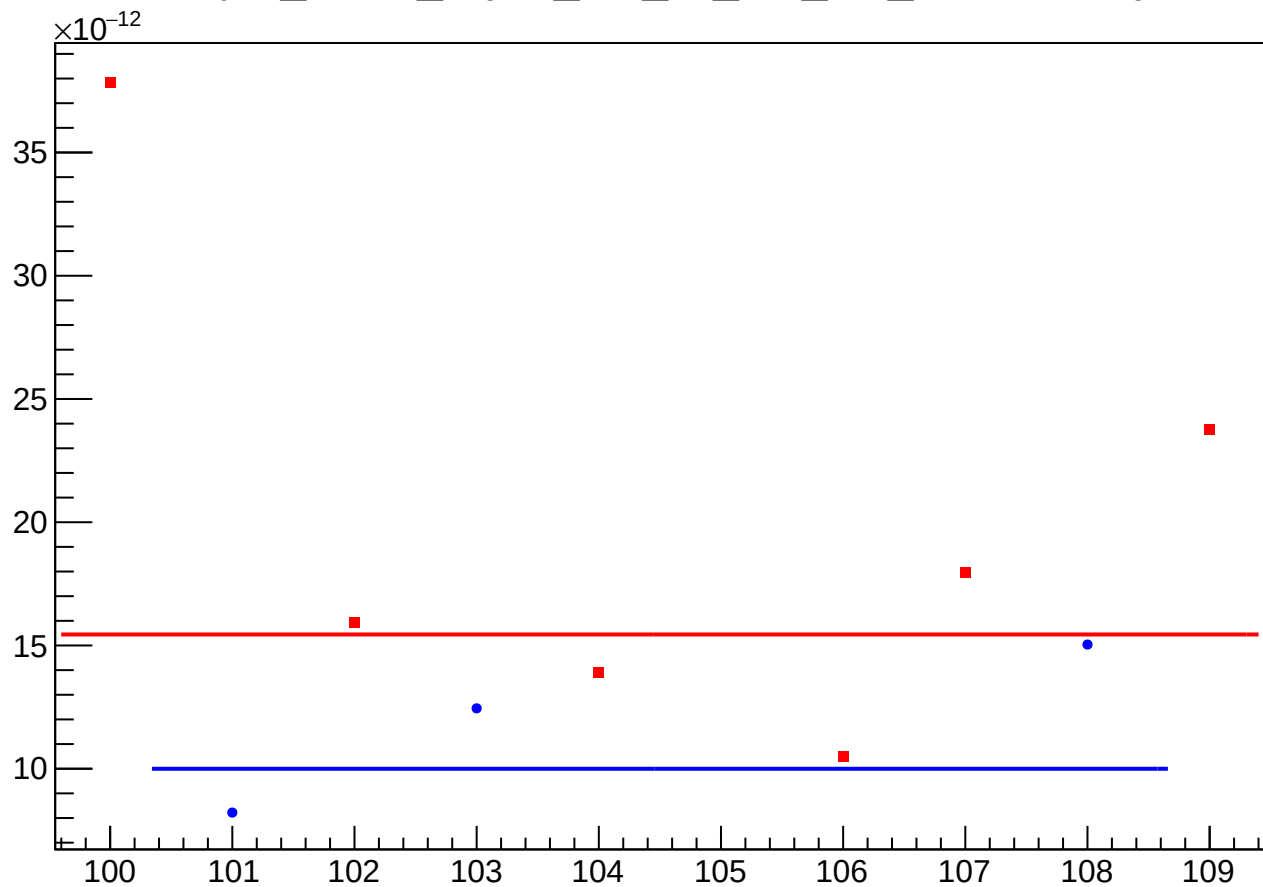
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 5.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 122734.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 226853.1/5

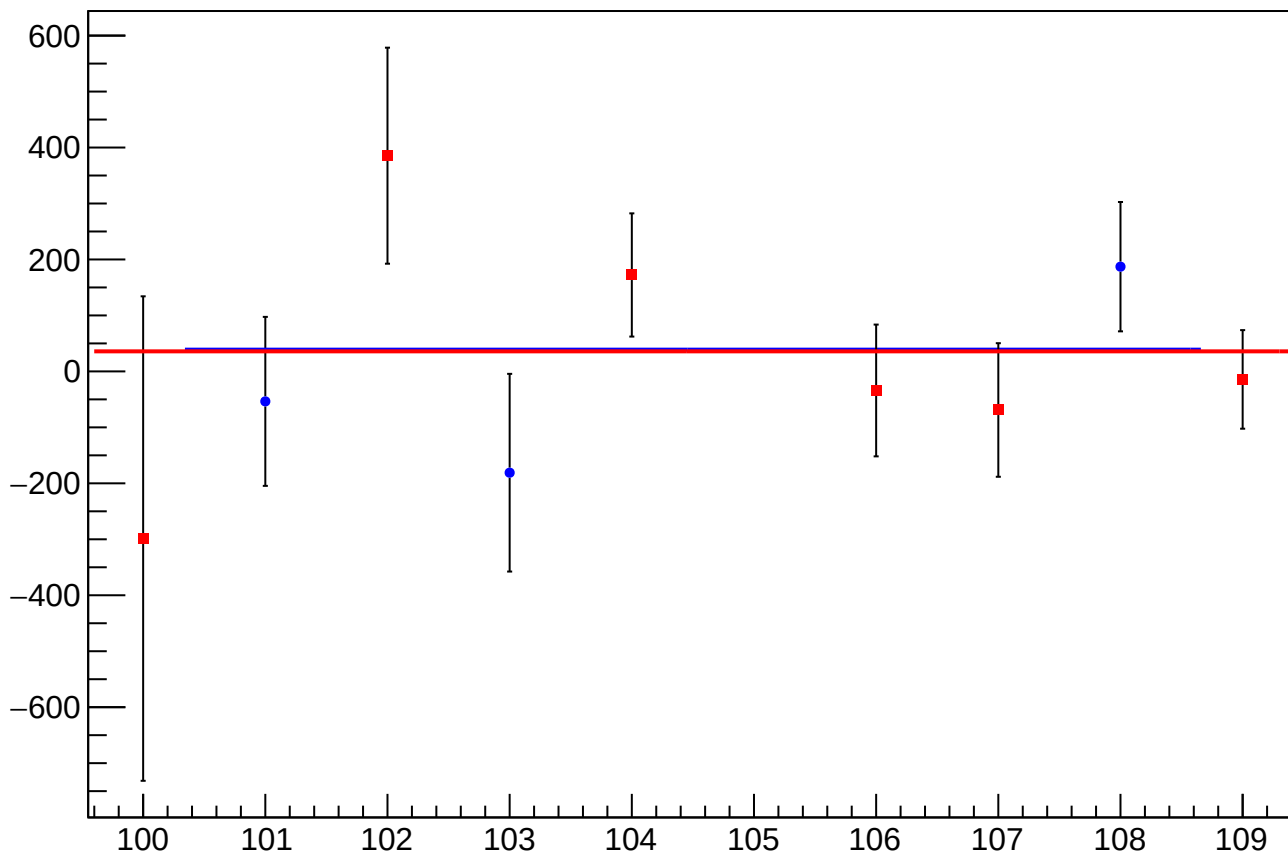
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 579701.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_mean vs Slug



Right In: 38.850 $\pm$ 81.434 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.819 $\pm$ 50.902 χ^2 /NDF: 6.9/5

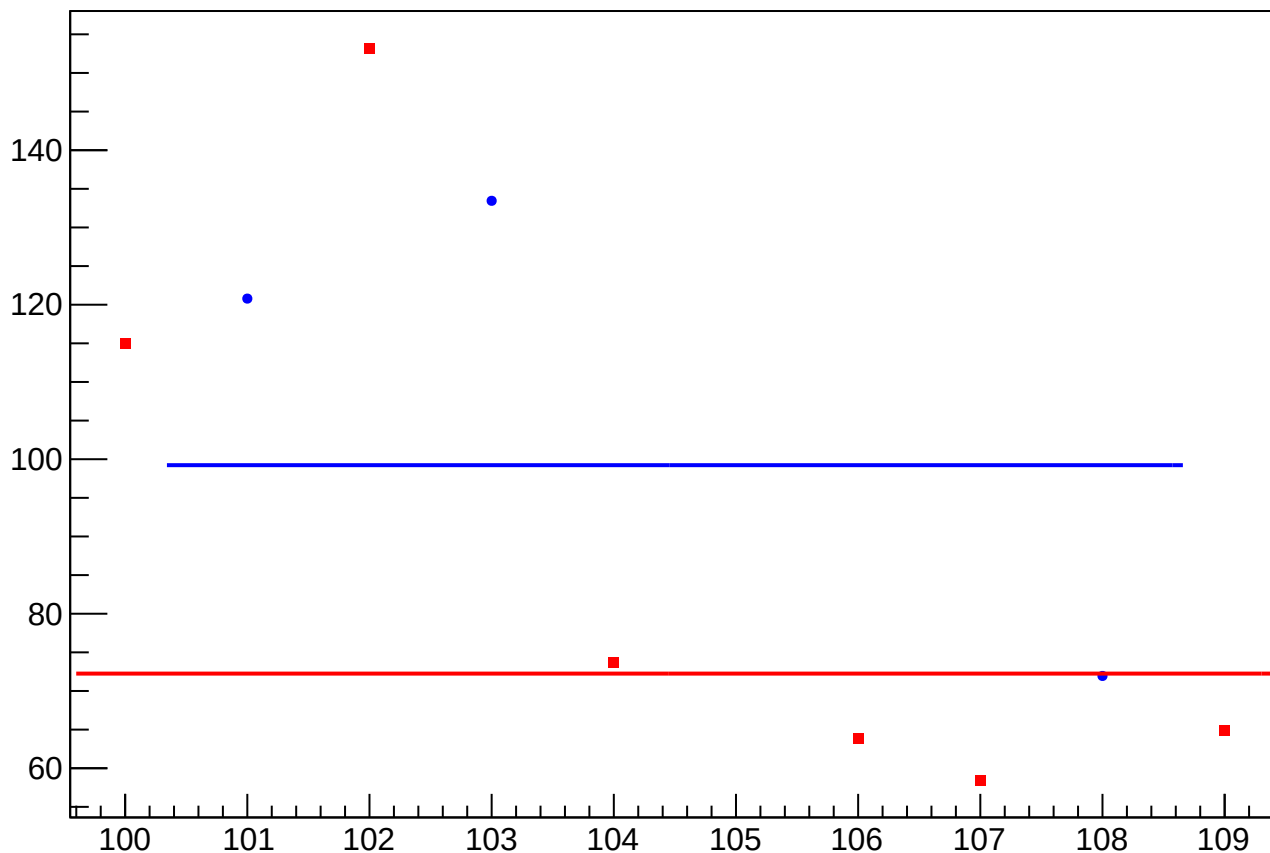
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.671 $\pm$ 43.163 χ^2 /NDF: 10.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 99.230 $\pm$ 0.058 χ^2 /NDF: 227329.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 72.250 $\pm$ 0.036 χ^2 /NDF: 421690.4/5

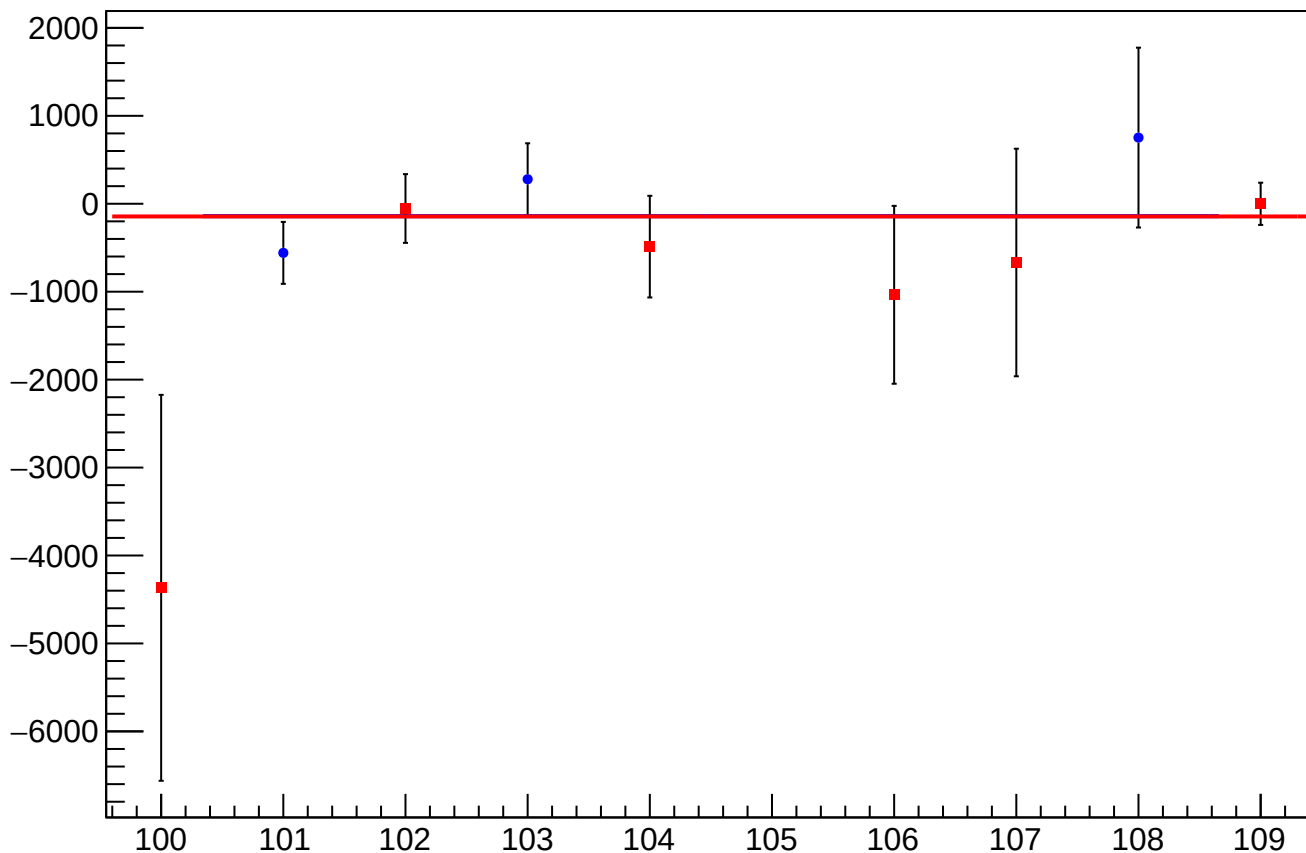
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.830 $\pm$ 0.031 χ^2 /NDF: 806870.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_mean vs Slug



Right In: -140.980 $\pm$ 258.155 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -144.389 $\pm$ 186.737 χ^2 /NDF: 5.4/5

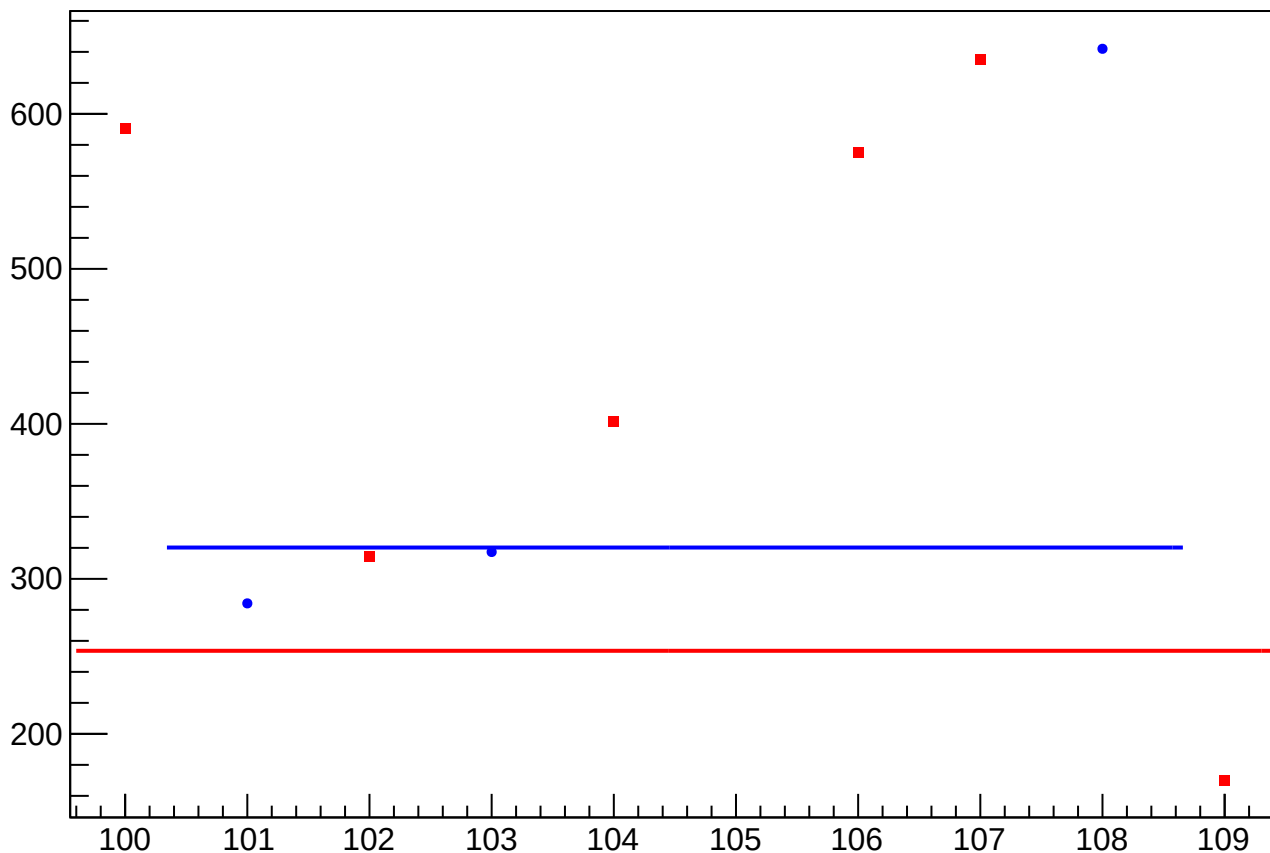
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -143.218 $\pm$ 151.303 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 320.219 $\pm$ 0.183 χ^2 /NDF: 219077.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 253.591 $\pm$ 0.132 χ^2 /NDF: 845230.8/5

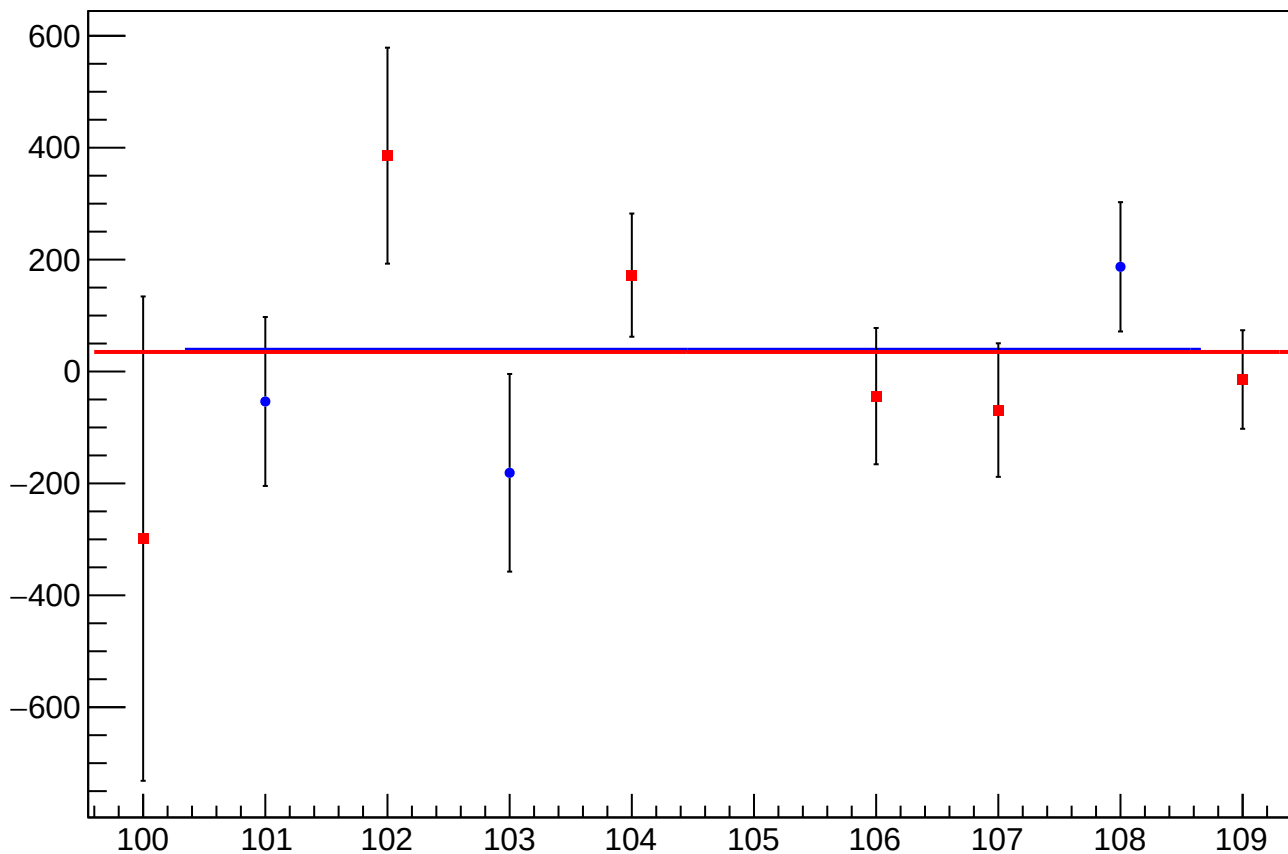
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 276.478 $\pm$ 0.107 χ^2 /NDF: 1151768.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam7_mean vs Slug



Right In: 38.840 $\pm$ 81.434 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.954 $\pm$ 51.217 χ^2 /NDF: 6.9/5

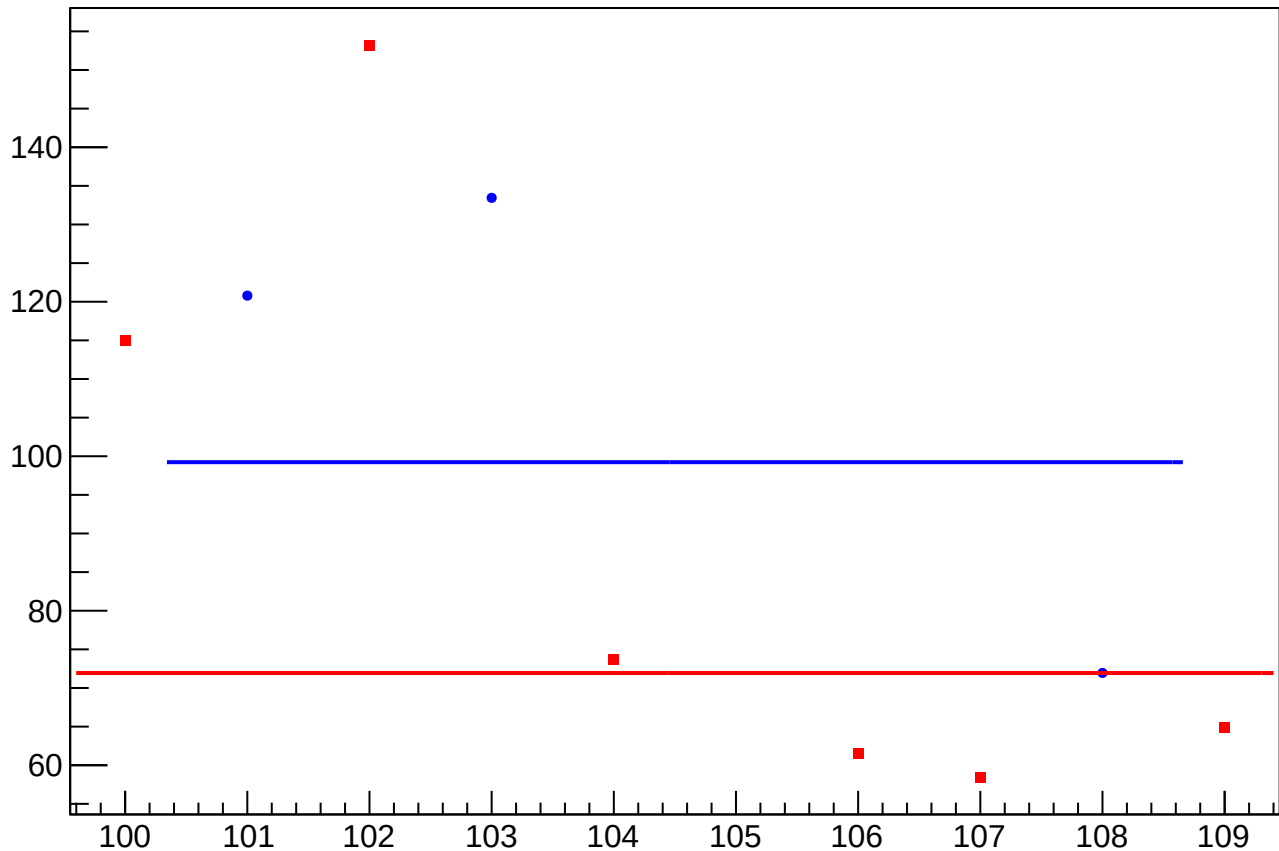
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.055 $\pm$ 43.355 χ^2 /NDF: 10.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam7_rms vs Slug



Right In: 99.230 $\pm$ 0.058 χ^2 /NDF: 227329.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.936 $\pm$ 0.036 χ^2 /NDF: 427038.4/5

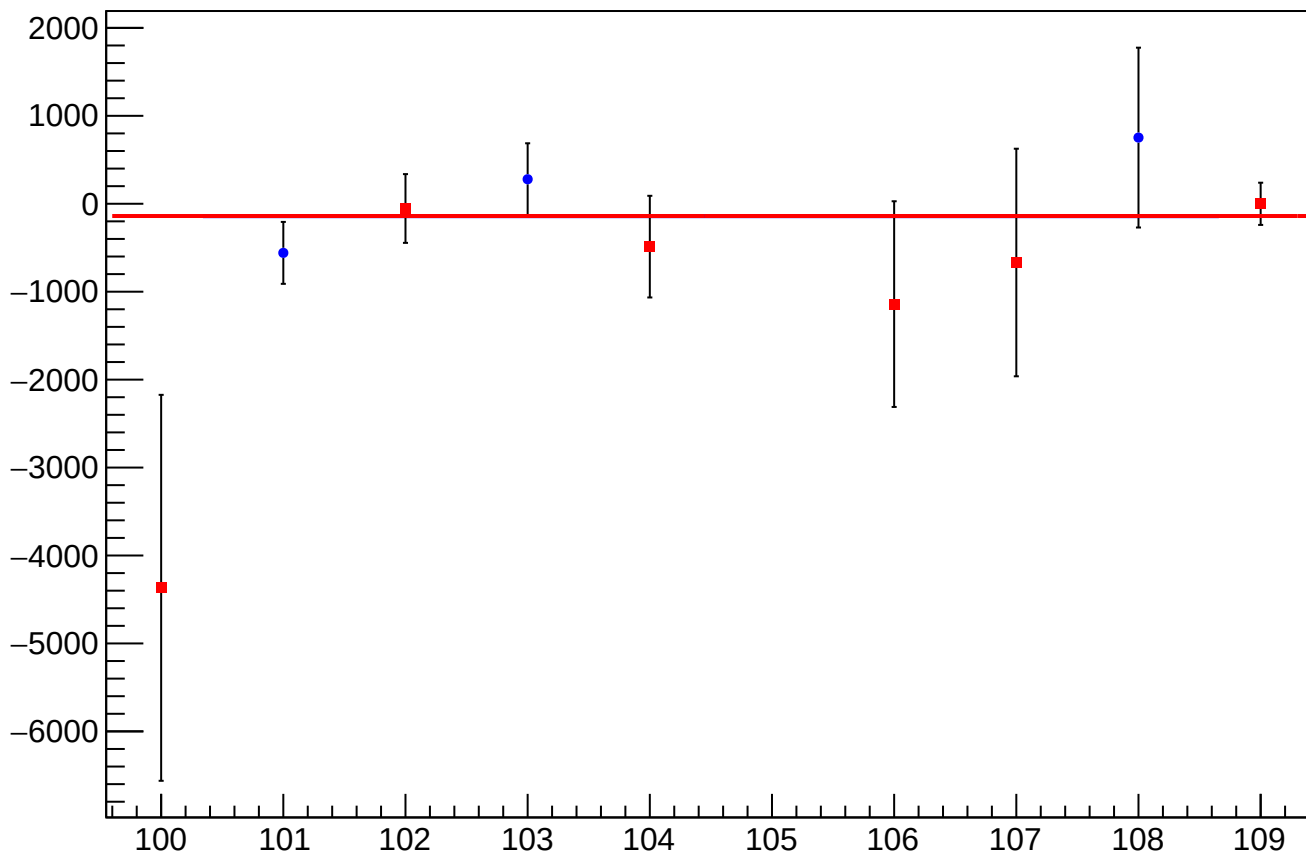
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.673 $\pm$ 0.031 χ^2 /NDF: 815349.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_mean vs Slug



Right In: -140.954 $\pm$ 258.162 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -139.366 $\pm$ 187.566 χ^2 /NDF: 5.4/5

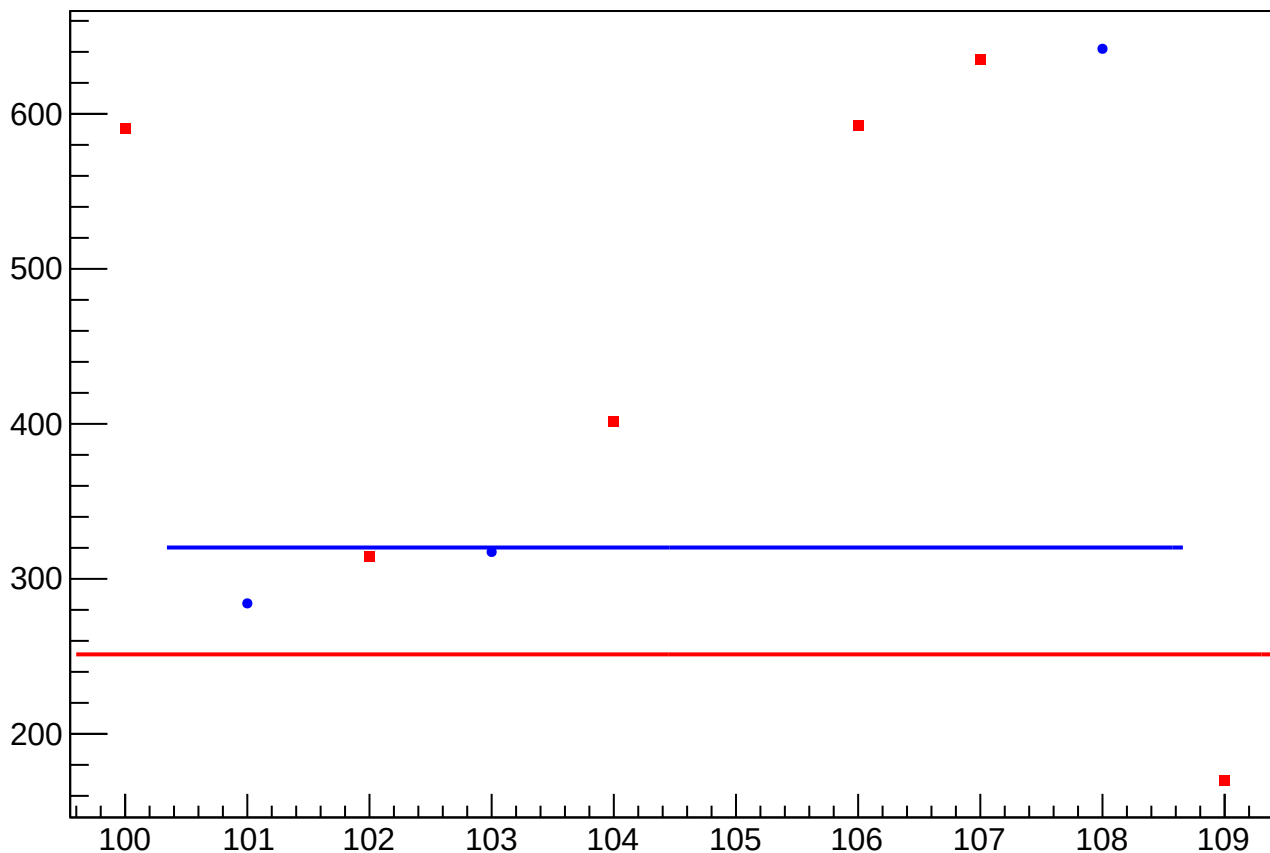
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -139.915 $\pm$ 151.744 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 320.227 $\pm$ 0.183 χ^2 /NDF: 219075.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.283 $\pm$ 0.133 χ^2 /NDF: 811418.1/5

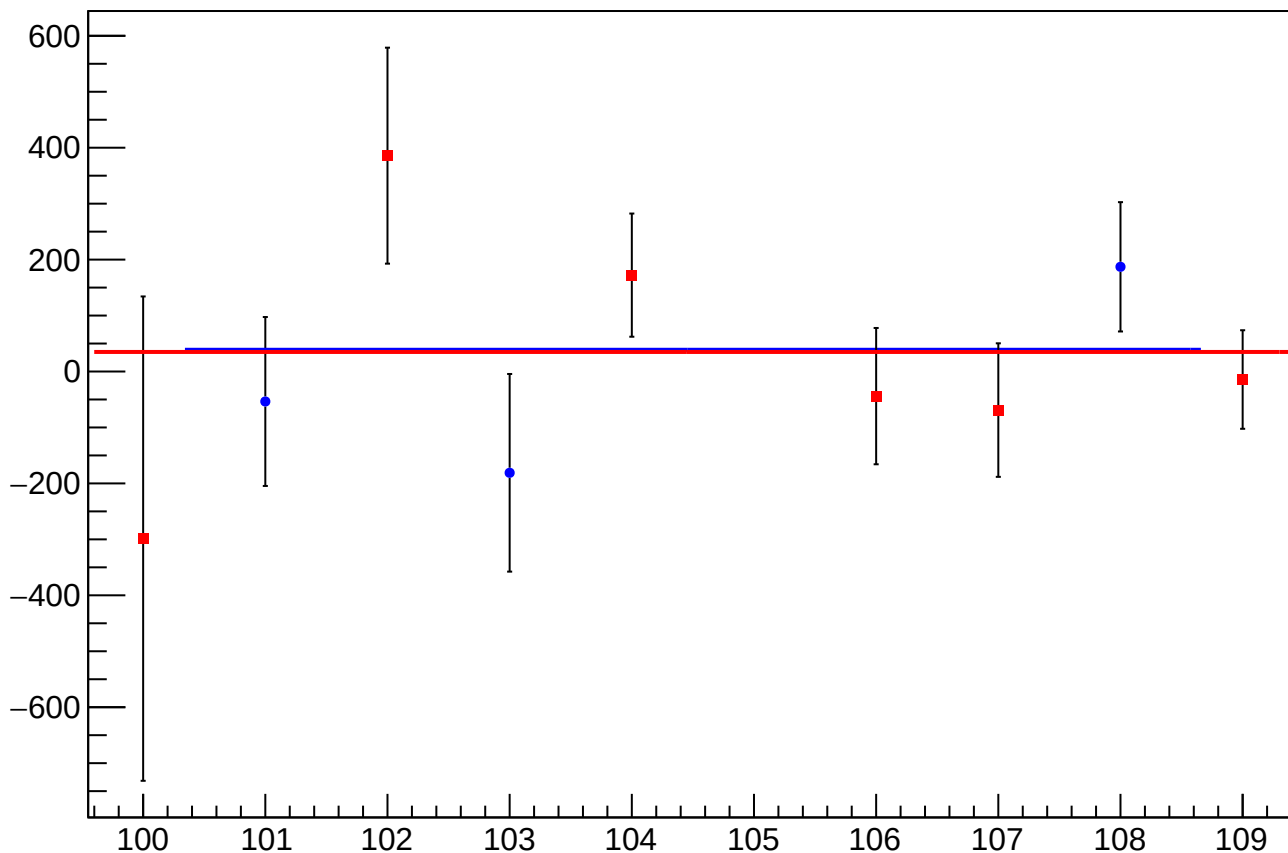
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 275.102 $\pm$ 0.107 χ^2 /NDF: 1123853.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam7_mean vs Slug



Right In: 38.840 $\pm$ 81.434 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.954 $\pm$ 51.217 χ^2 /NDF: 6.9/5

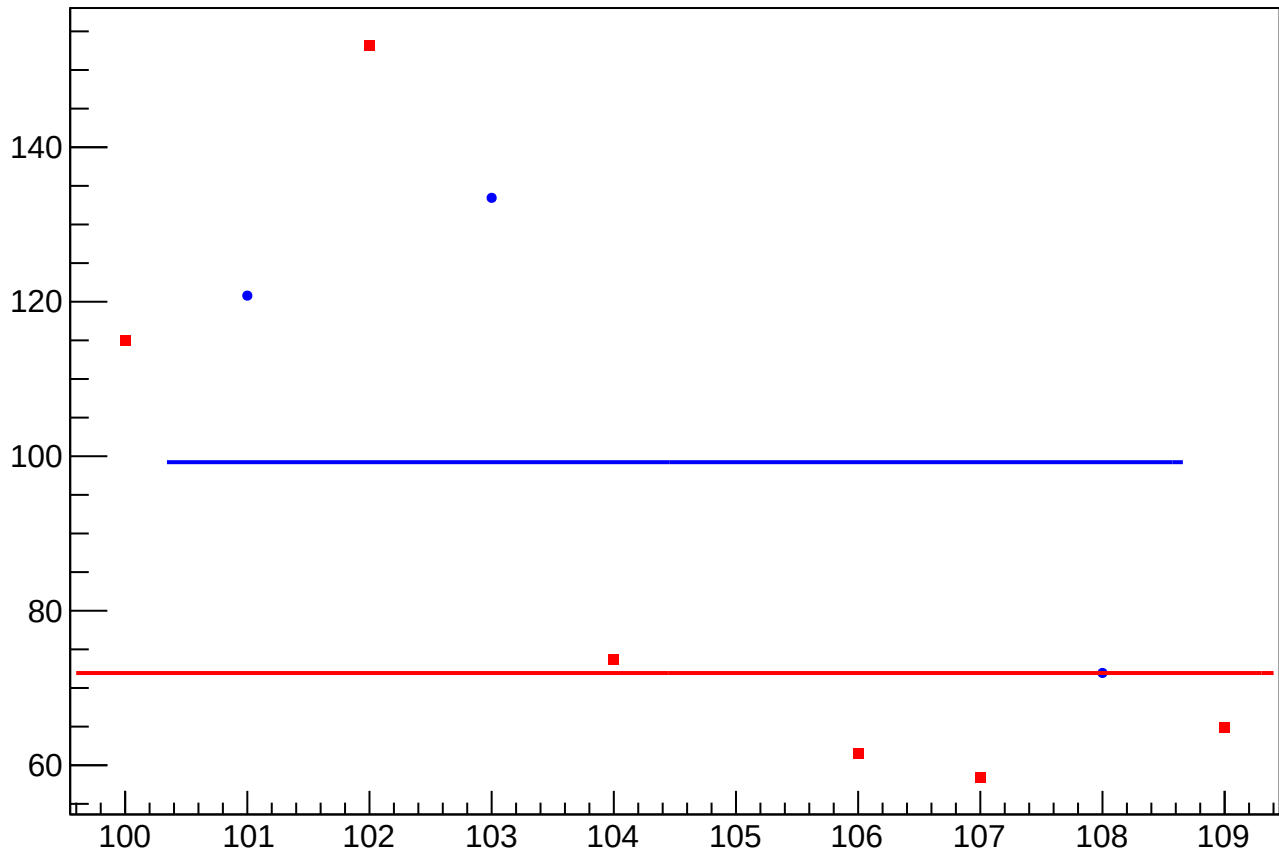
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.055 $\pm$ 43.355 χ^2 /NDF: 10.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 99.230 $\pm$ 0.058 χ^2 /NDF: 227329.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.936 $\pm$ 0.036 χ^2 /NDF: 427038.4/5

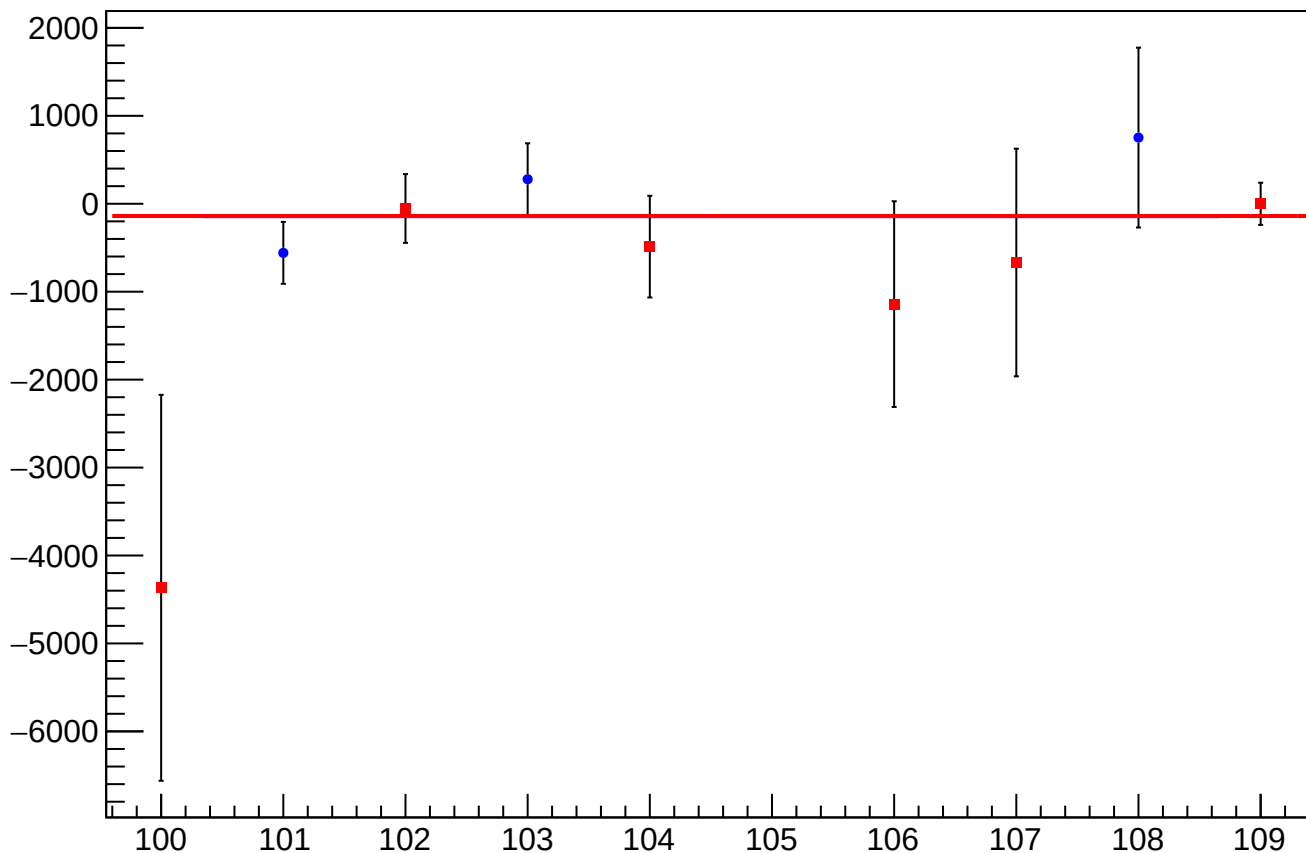
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.673 $\pm$ 0.031 χ^2 /NDF: 815349.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_mean vs Slug



Right In: -140.954 $\pm$ 258.162 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -139.366 $\pm$ 187.566 χ^2 /NDF: 5.4/5

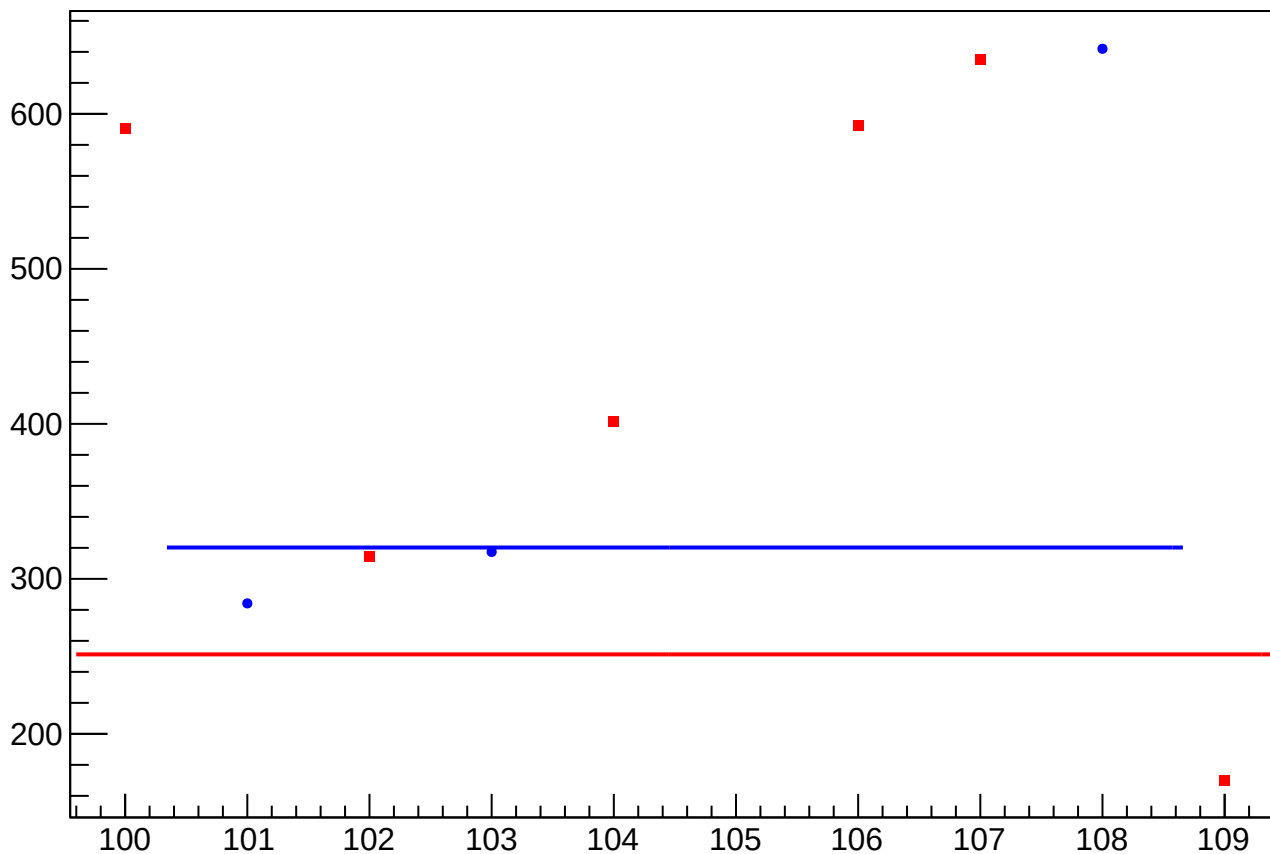
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -139.915 $\pm$ 151.744 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 320.227 $\pm$ 0.183 χ^2 /NDF: 219075.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 251.283 $\pm$ 0.133 χ^2 /NDF: 811418.1/5

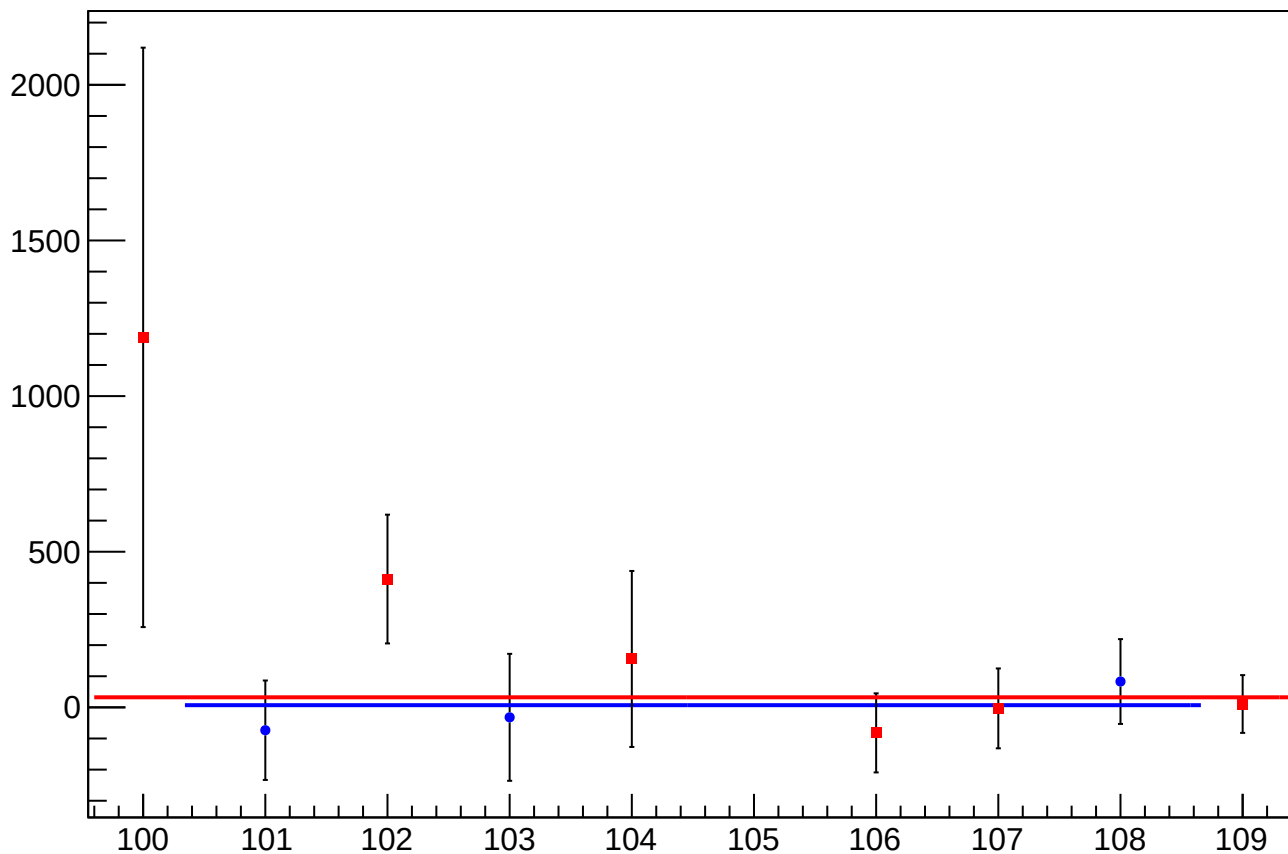
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 275.102 $\pm$ 0.107 χ^2 /NDF: 1123853.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam7_mean vs Slug



Right In: 7.034+/-92.394 χ^2 /NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 32.348+/-60.207 χ^2 /NDF: 6.0/5

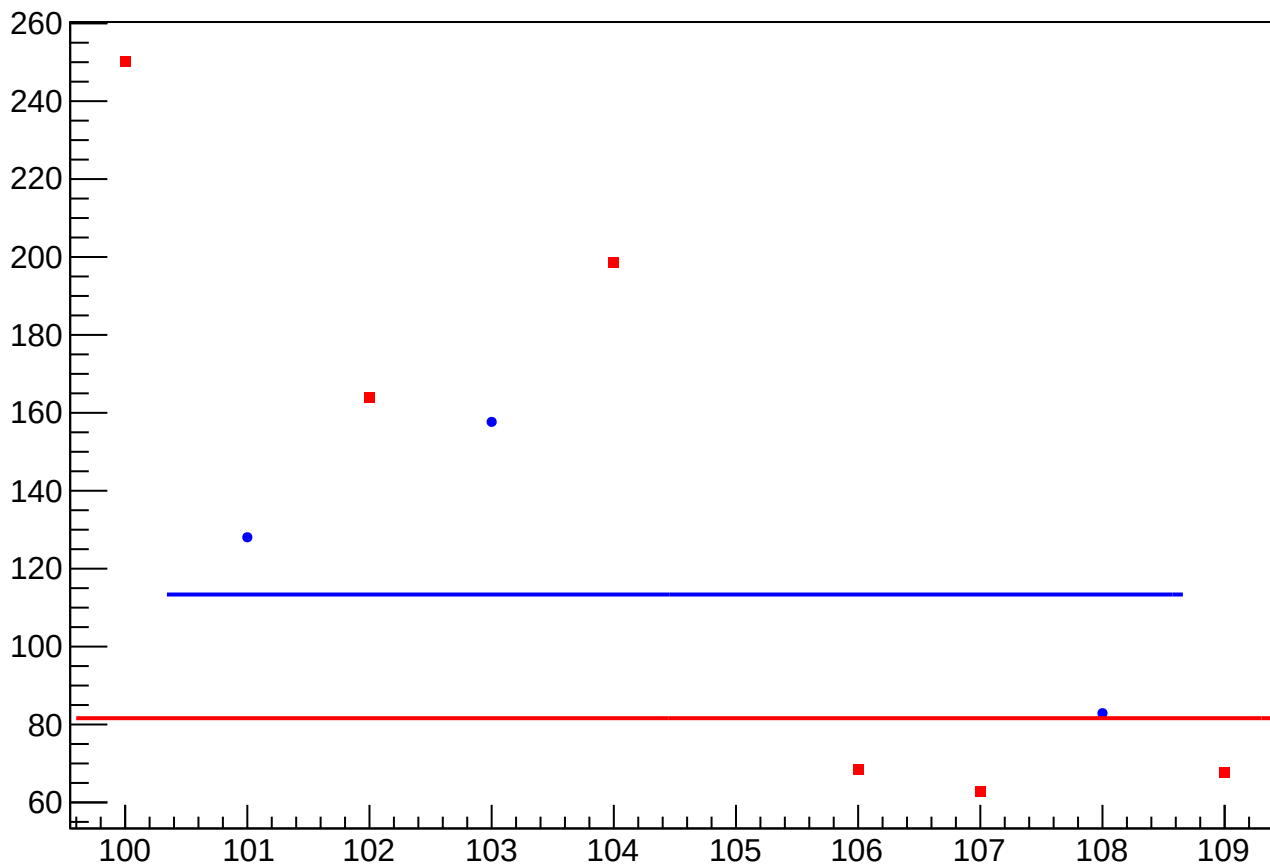
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 24.803+/-50.442 χ^2 /NDF: 6.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_sam7_rms vs Slug



Right In: 113.367 $\pm$ 0.065 χ^2 /NDF: 211385.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.622 $\pm$ 0.043 χ^2 /NDF: 834746.7/5

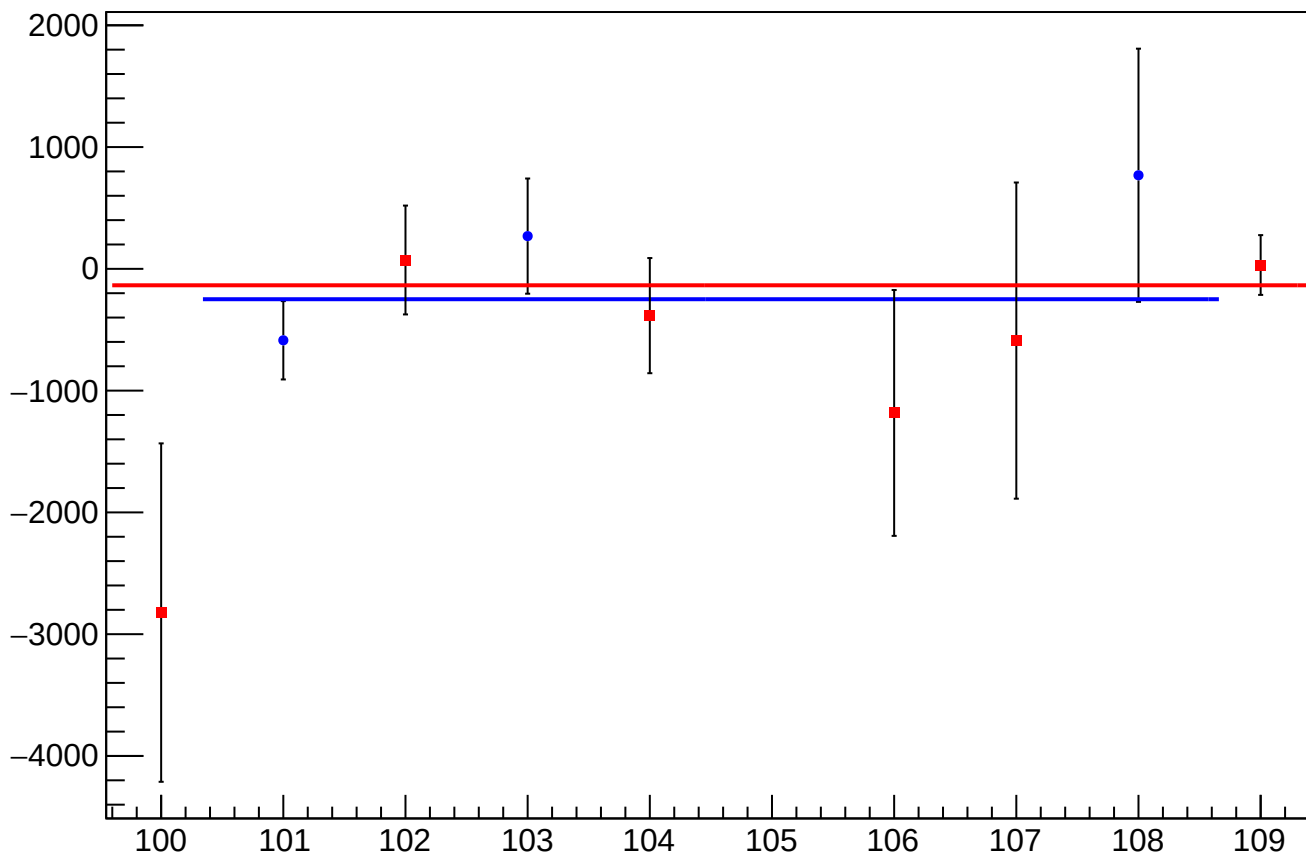
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.084 $\pm$ 0.036 χ^2 /NDF: 1211858.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_correction_mean vs Slug



Right In: -249.424 $\pm$ 257.656 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -135.029 $\pm$ 188.402 χ^2 /NDF: 5.9/5

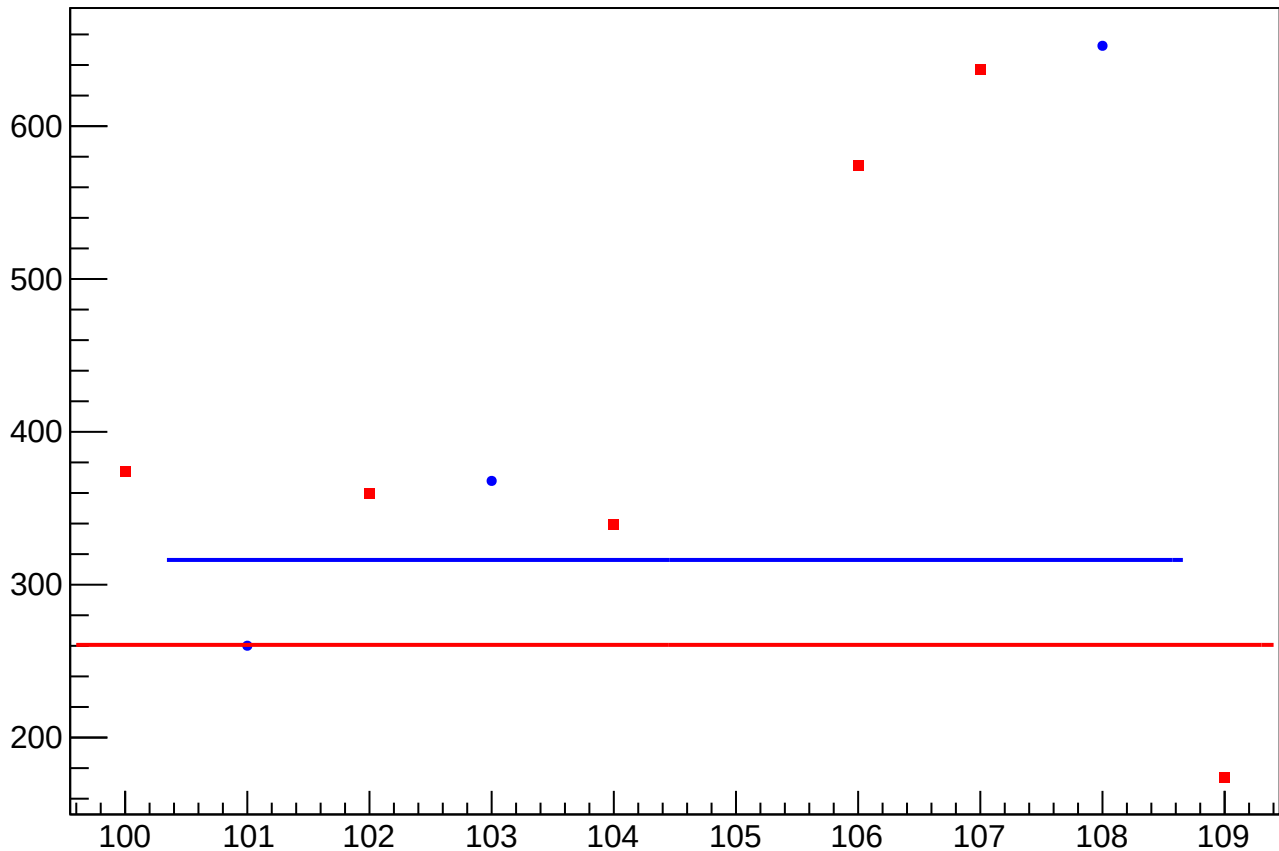
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -174.884 $\pm$ 152.082 χ^2 /NDF: 9.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_correction_rms vs Slug



Right In: 316.196 $\pm$ 0.182 χ^2 /NDF: 294221.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 260.631 $\pm$ 0.133 χ^2 /NDF: 779429.5/5

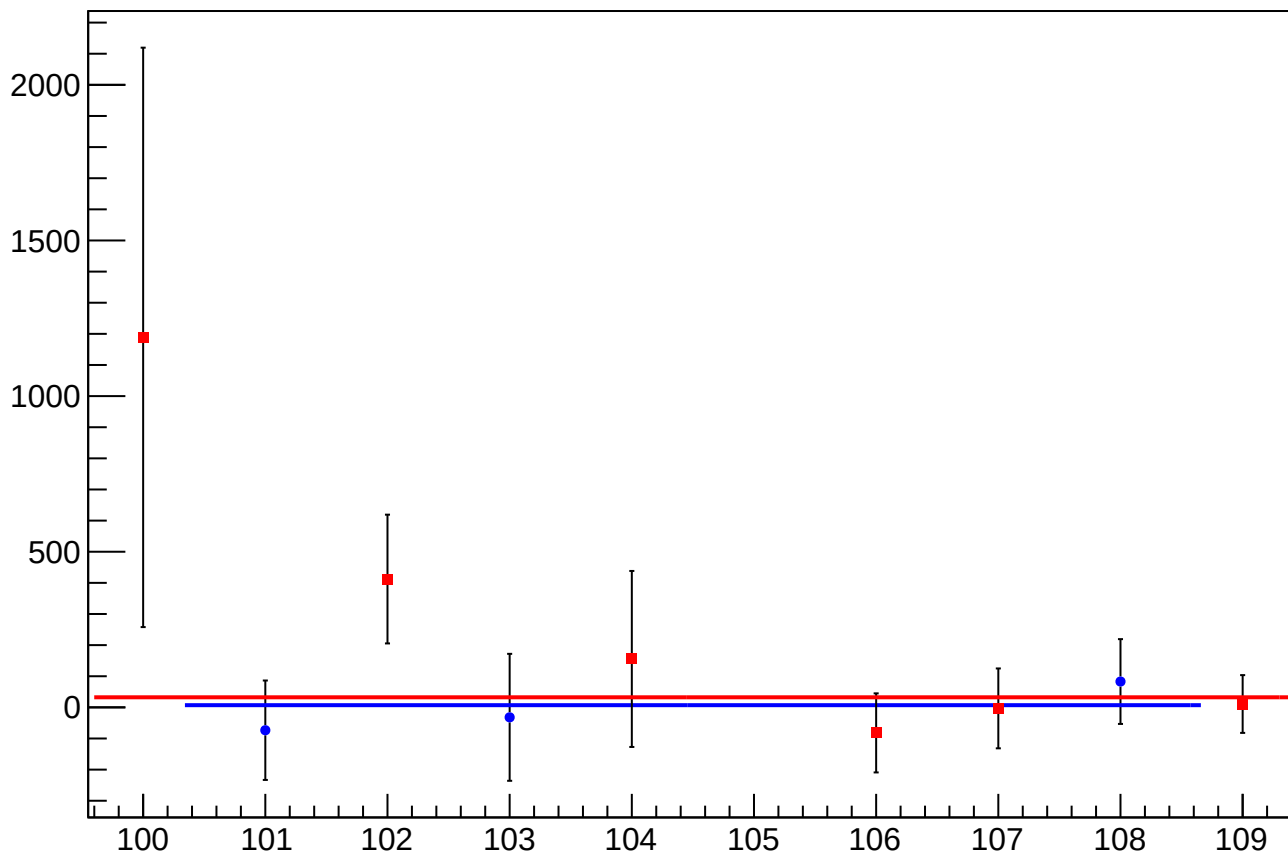
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 279.989 $\pm$ 0.108 χ^2 /NDF: 1134261.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: 7.034+/-92.394 χ^2 /NDF: 0.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 32.348+/-60.207 χ^2 /NDF: 6.0/5

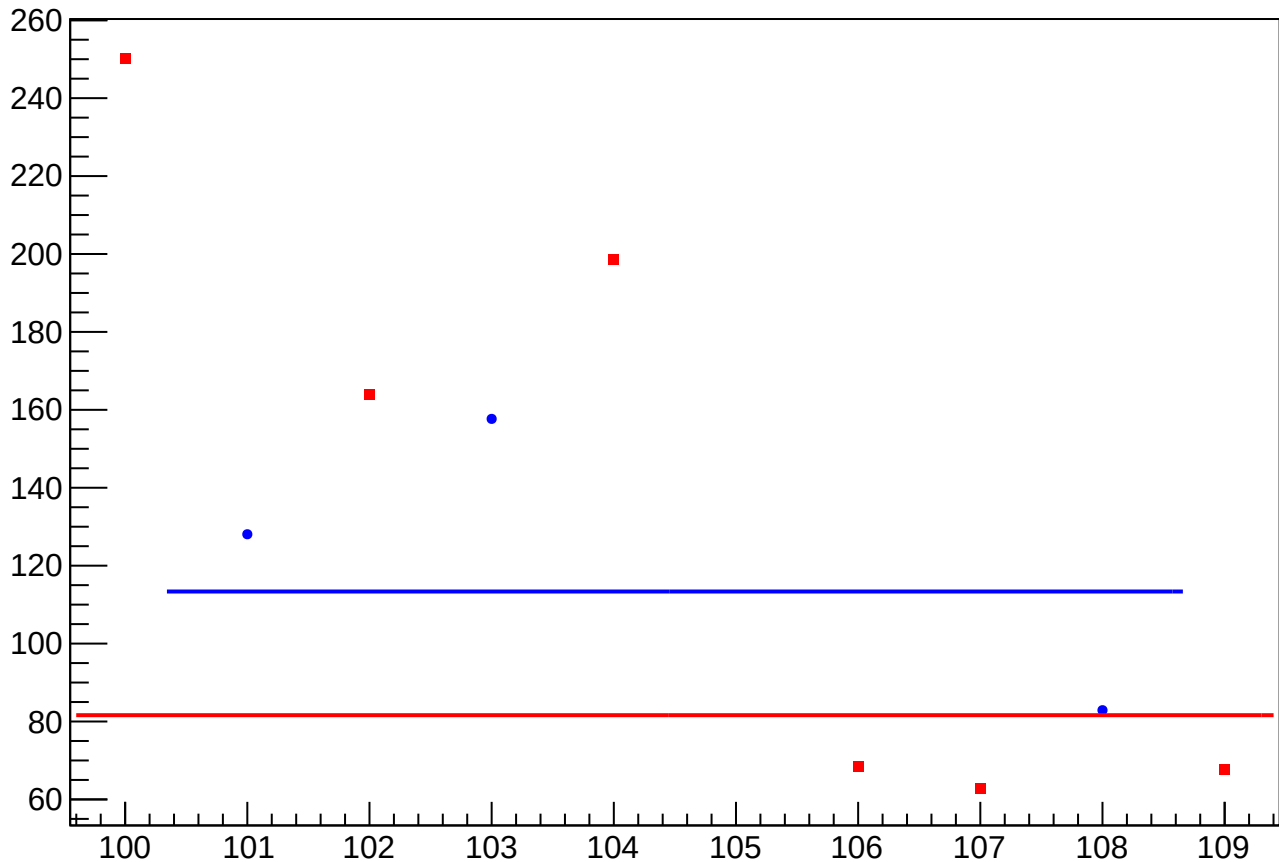
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 24.803+/-50.442 χ^2 /NDF: 6.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam7_rms vs Slug



Right In: 113.367 $\pm$ 0.065 χ^2 /NDF: 211384.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.622 $\pm$ 0.043 χ^2 /NDF: 834745.7/5

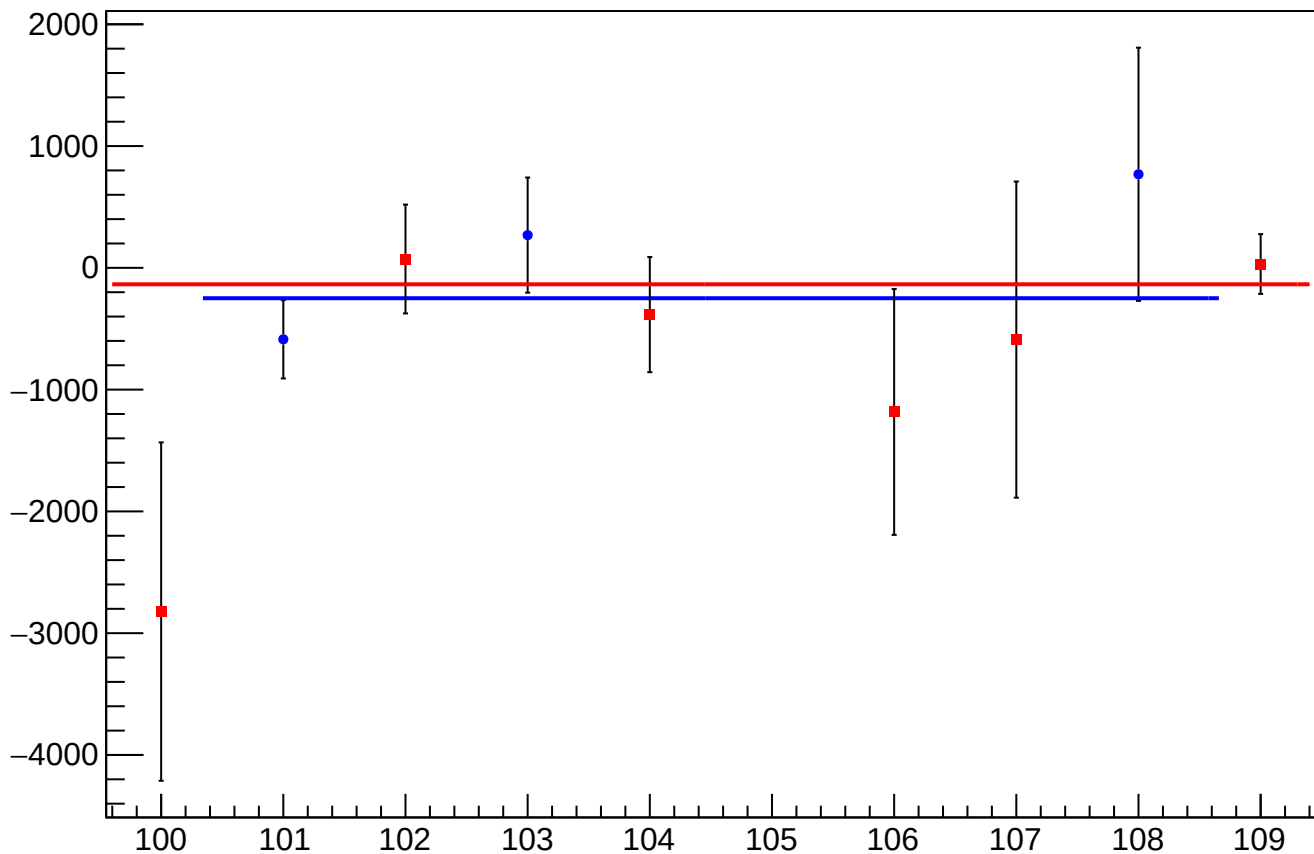
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.084 $\pm$ 0.036 χ^2 /NDF: 1211857.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: -249.424+/-257.655 χ^2 /NDF: 3.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -135.029+/-188.402 χ^2 /NDF: 5.9/5

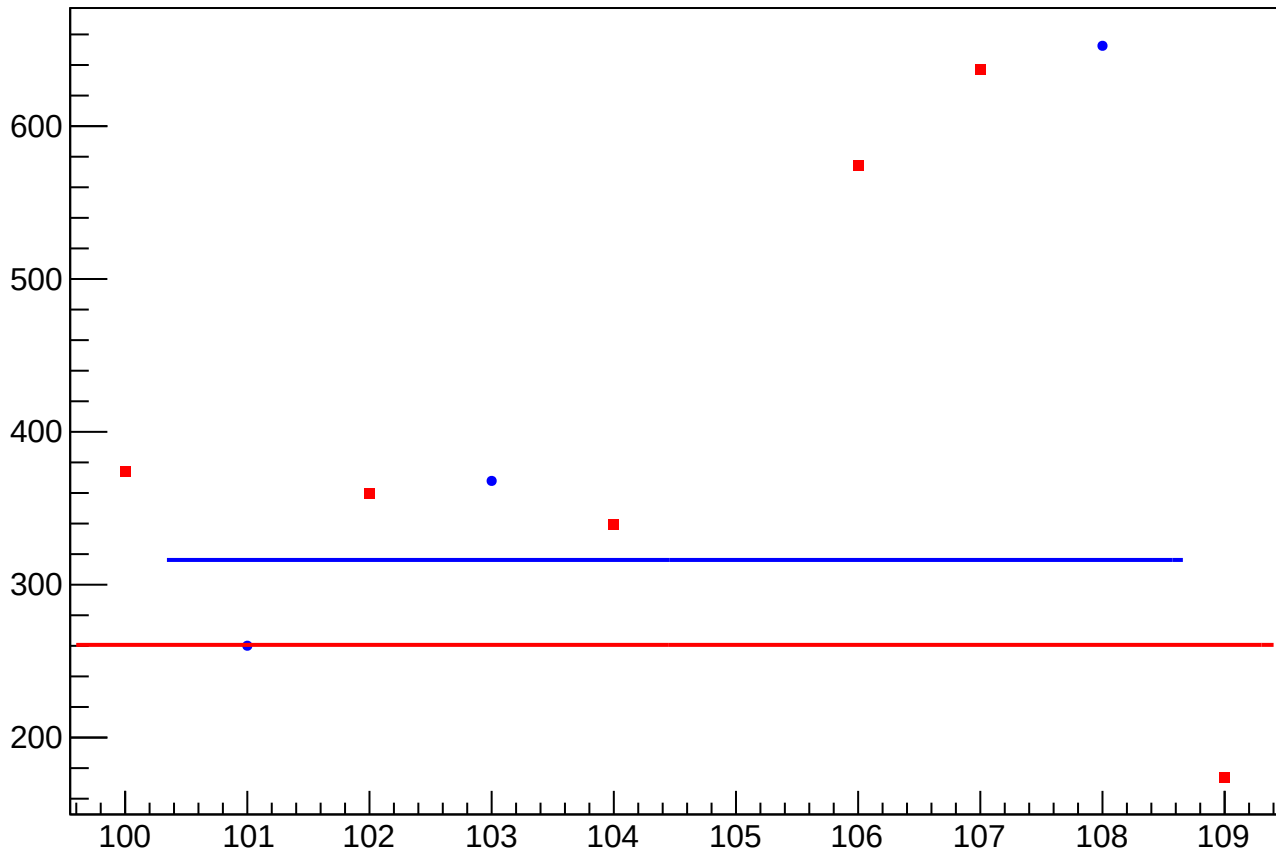
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -174.884+/-152.082 χ^2 /NDF: 9.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 316.195 $\pm$ 0.182 χ^2 /NDF: 294223.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 260.631 $\pm$ 0.133 χ^2 /NDF: 779425.6/5

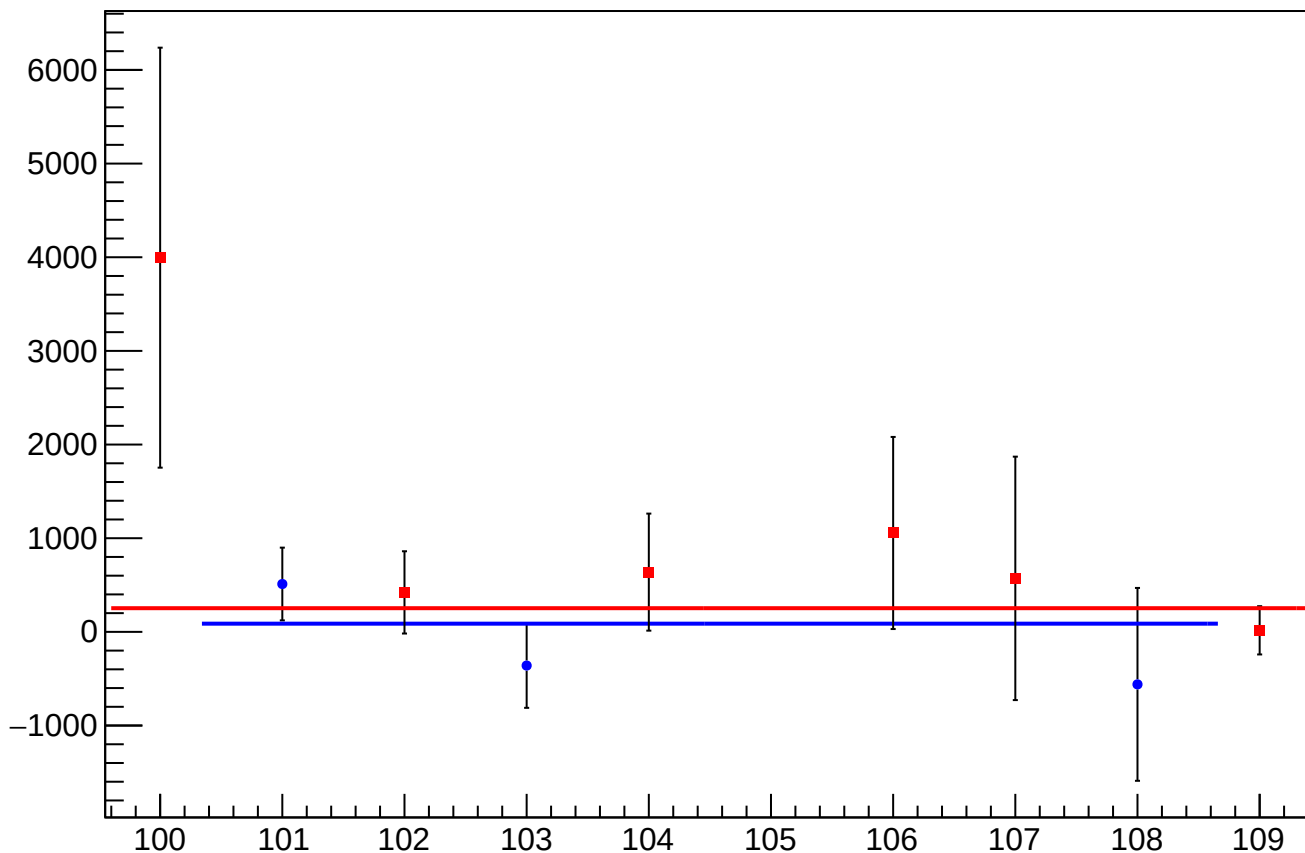
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 279.989 $\pm$ 0.108 χ^2 /NDF: 1134256.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_mean vs Slug



Right In: 87.593+/-283.033 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.840+/-201.840 χ^2/NDF : 4.8/5

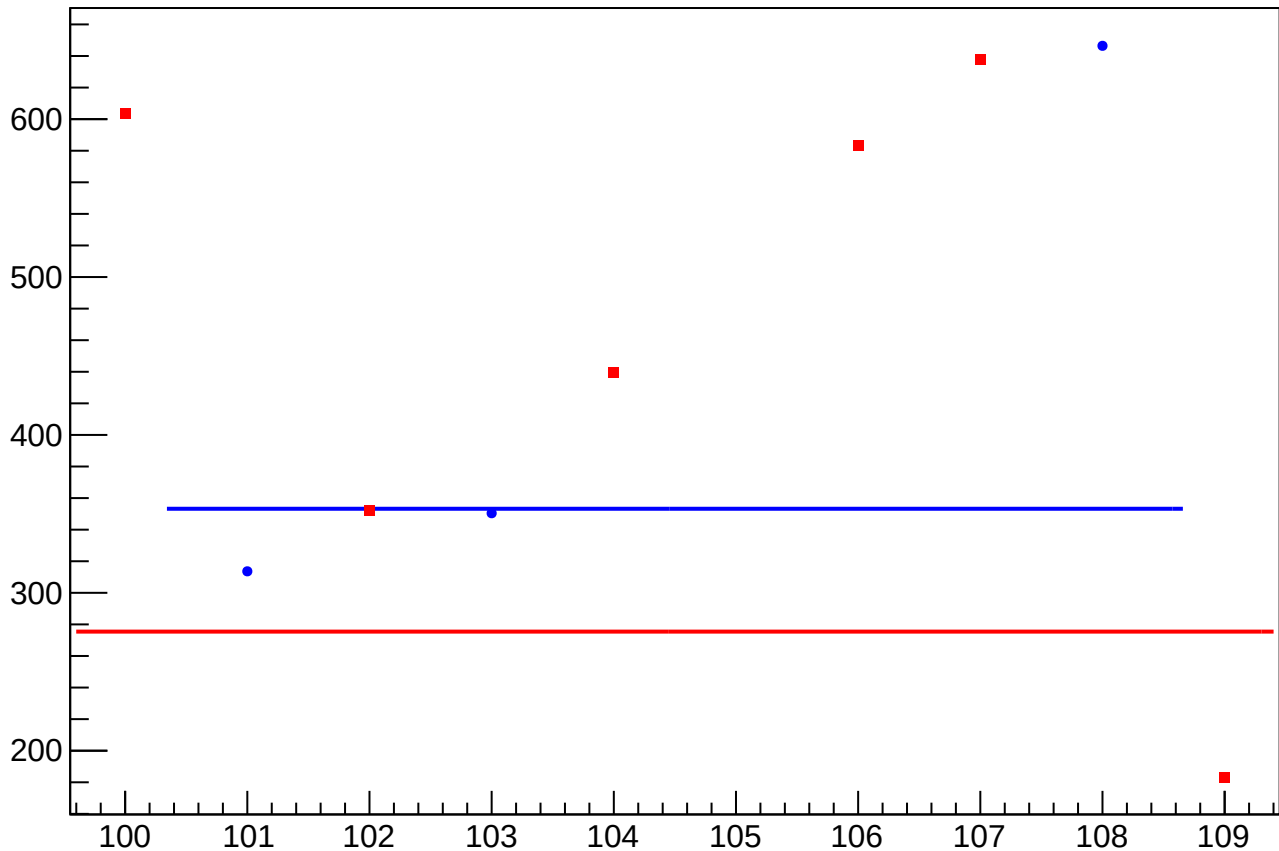
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.133+/-164.333 χ^2/NDF : 7.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_rms vs Slug



Right In: 353.240 $\pm$ 0.200 χ^2 /NDF: 183080.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 275.435 $\pm$ 0.143 χ^2 /NDF: 834747.8/5

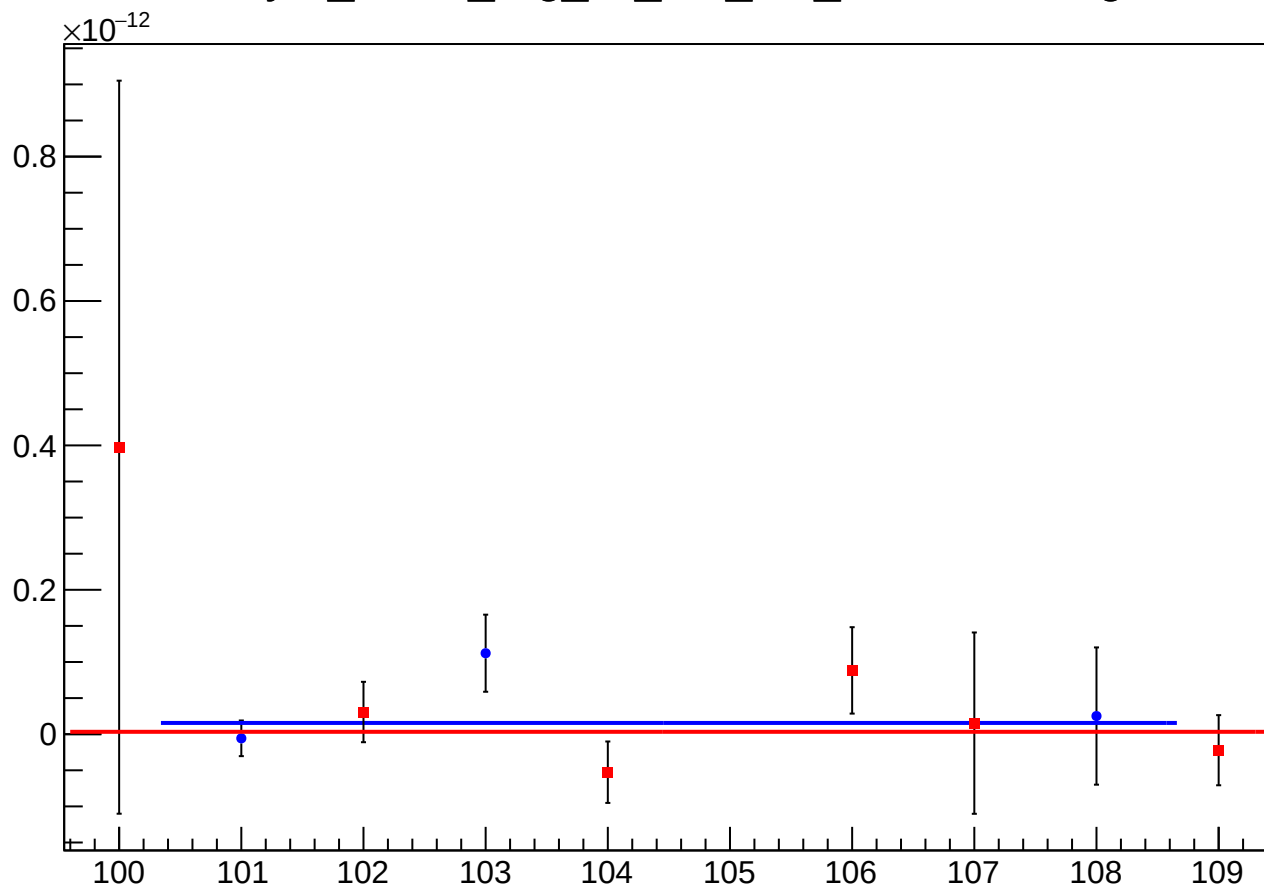
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 301.664 $\pm$ 0.116 χ^2 /NDF: 1118014.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/5

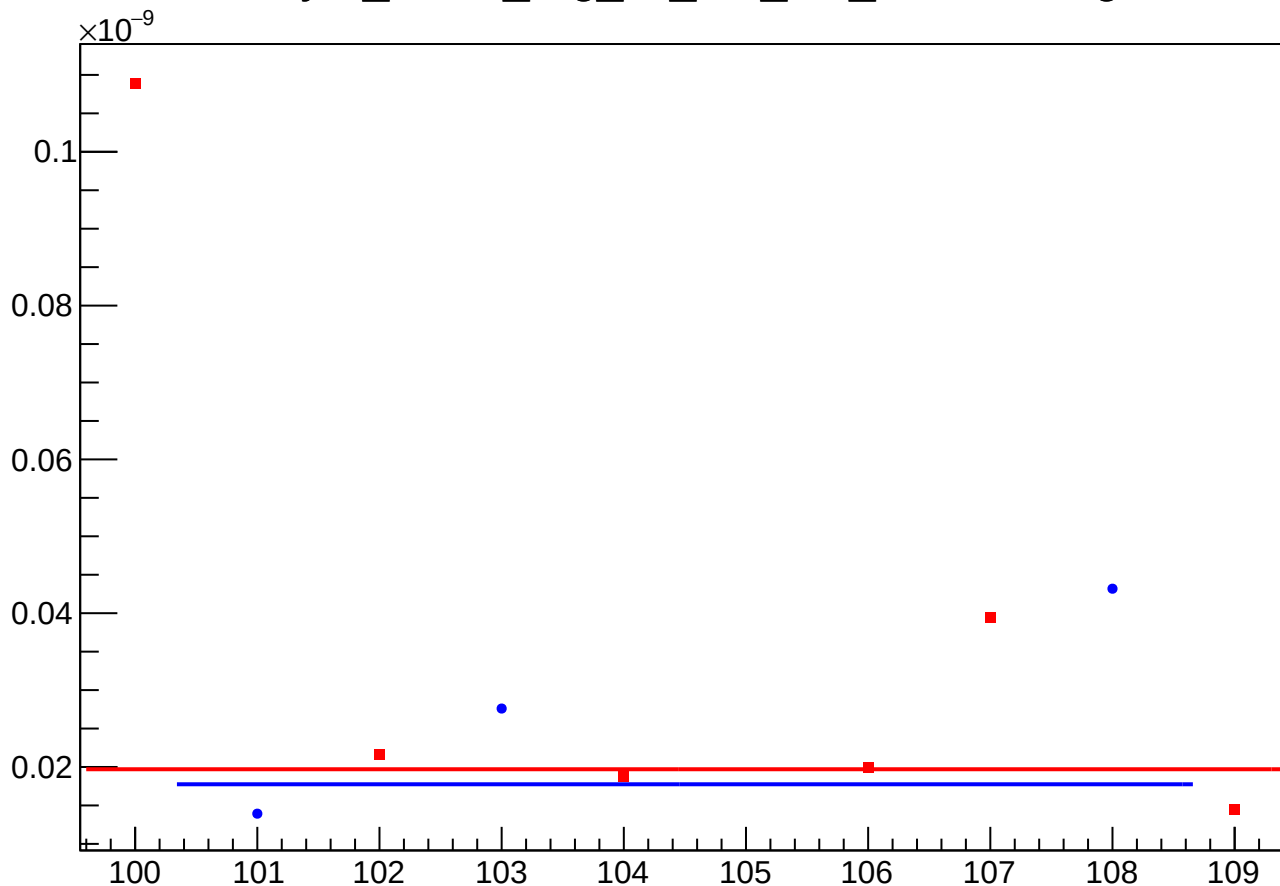
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 259139.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 140023.6/5

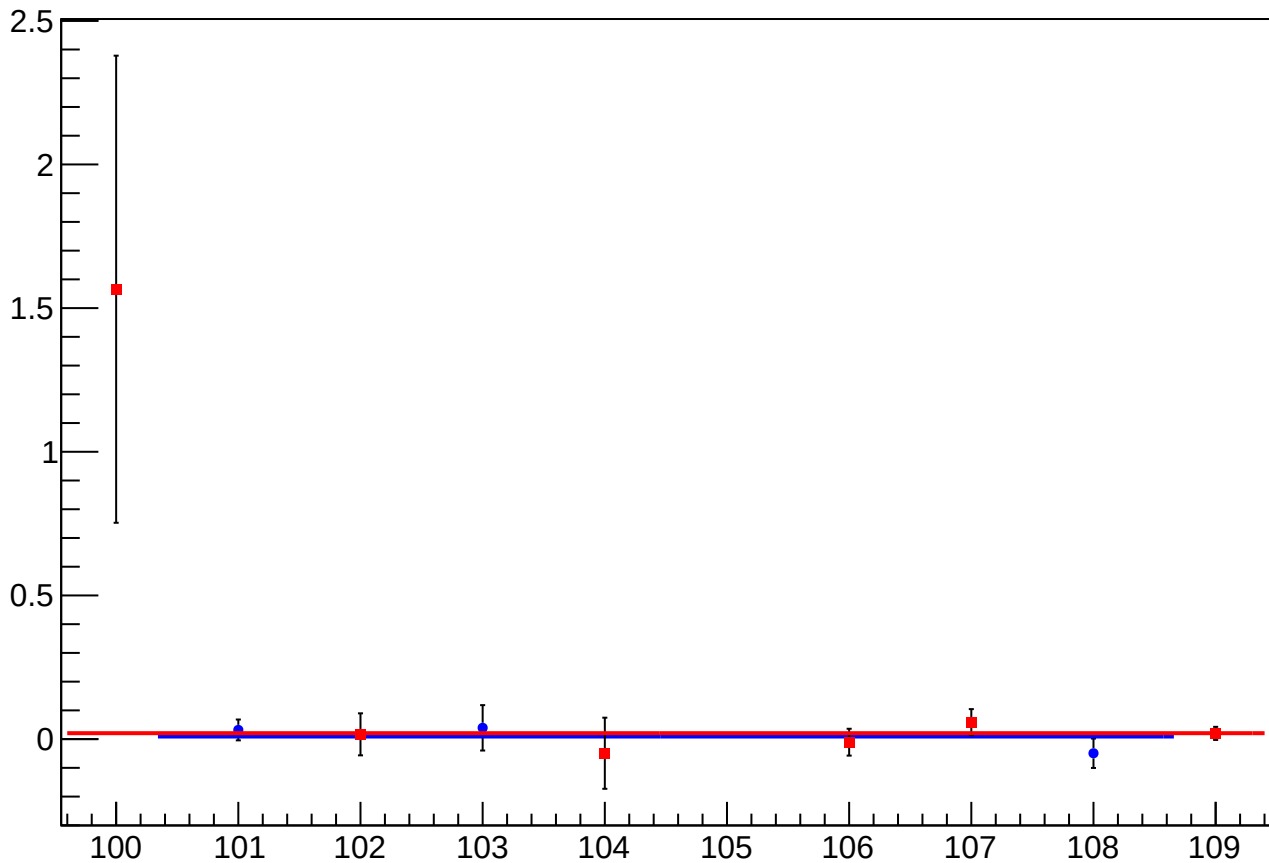
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 406769.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.028 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

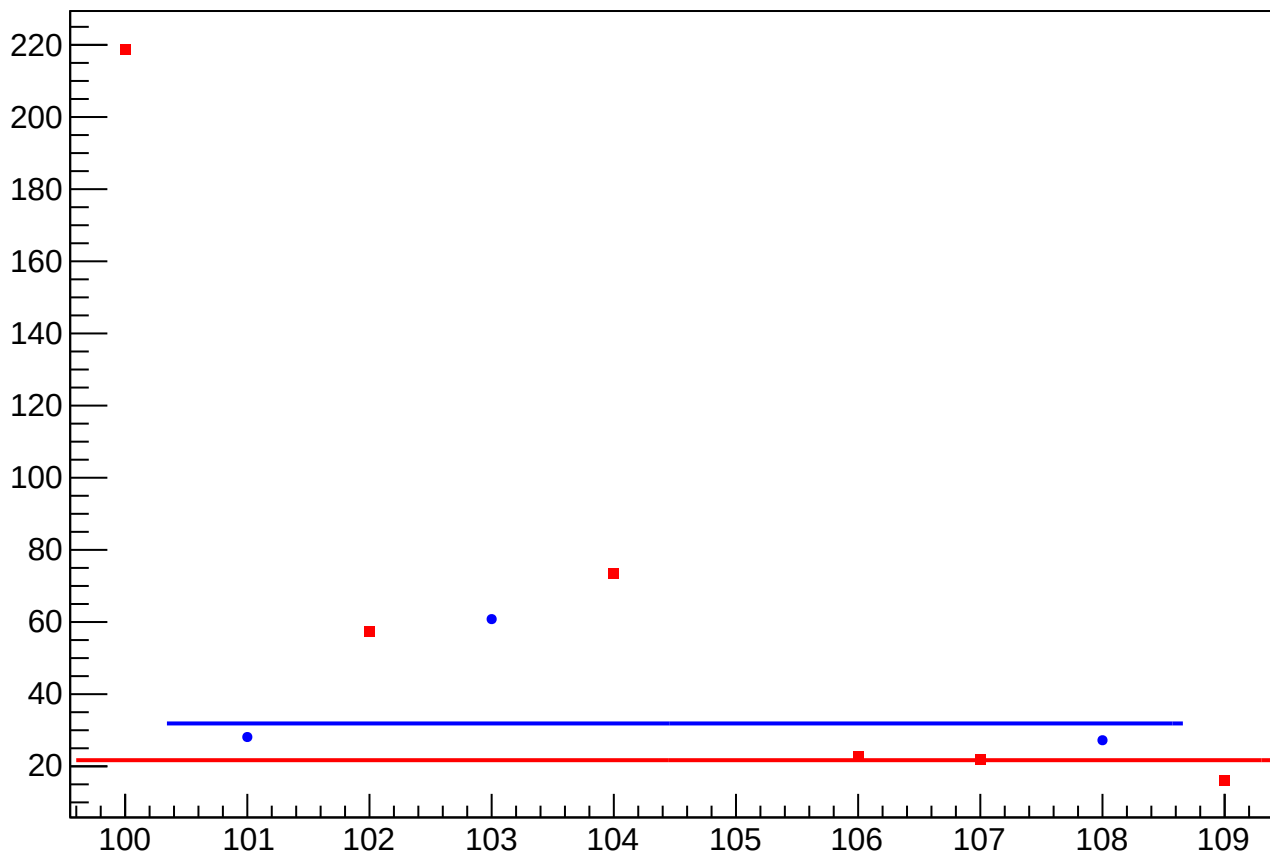
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 31.882 $\pm$ 0.020 χ^2 /NDF: 306130.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.699 $\pm$ 0.013 χ^2 /NDF: 1070014.4/5

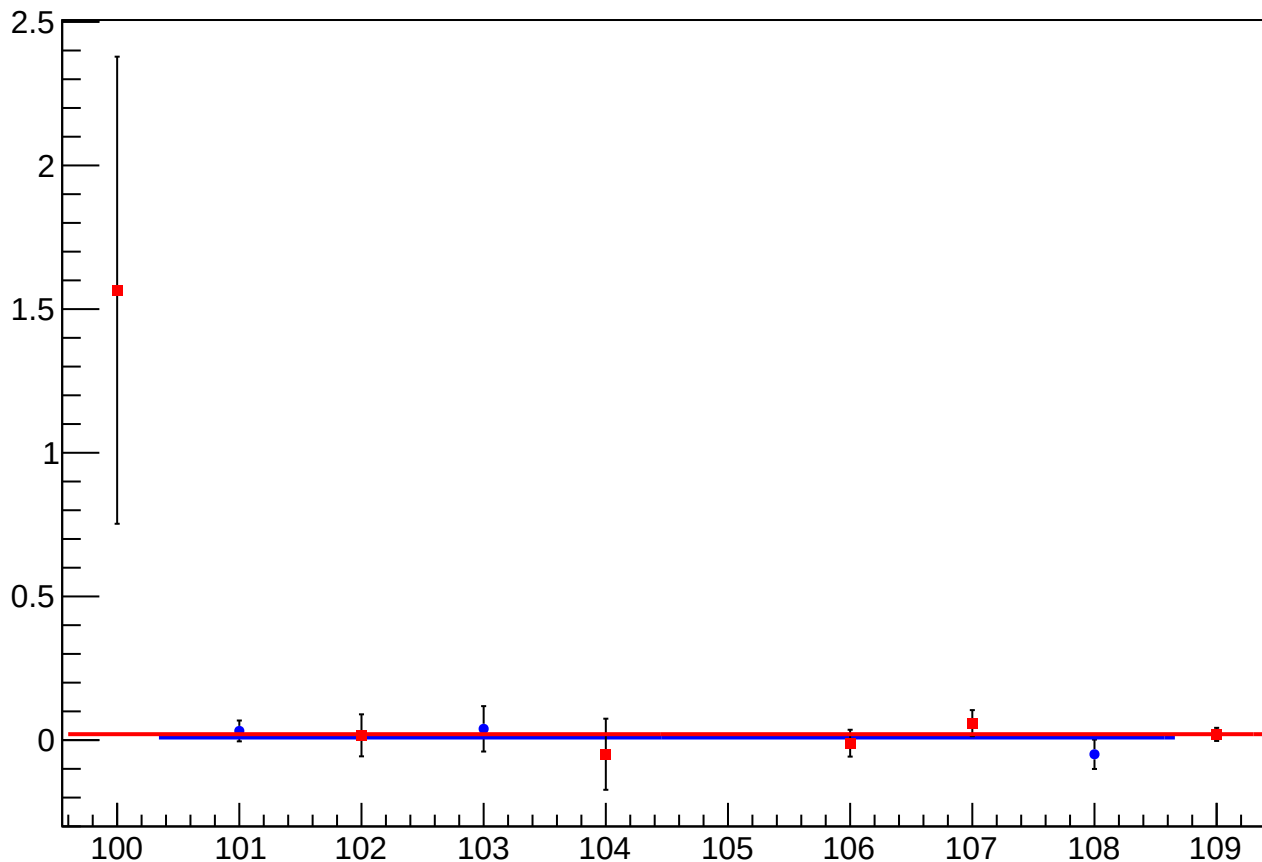
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.698 $\pm$ 0.011 χ^2 /NDF: 1566643.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.028 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

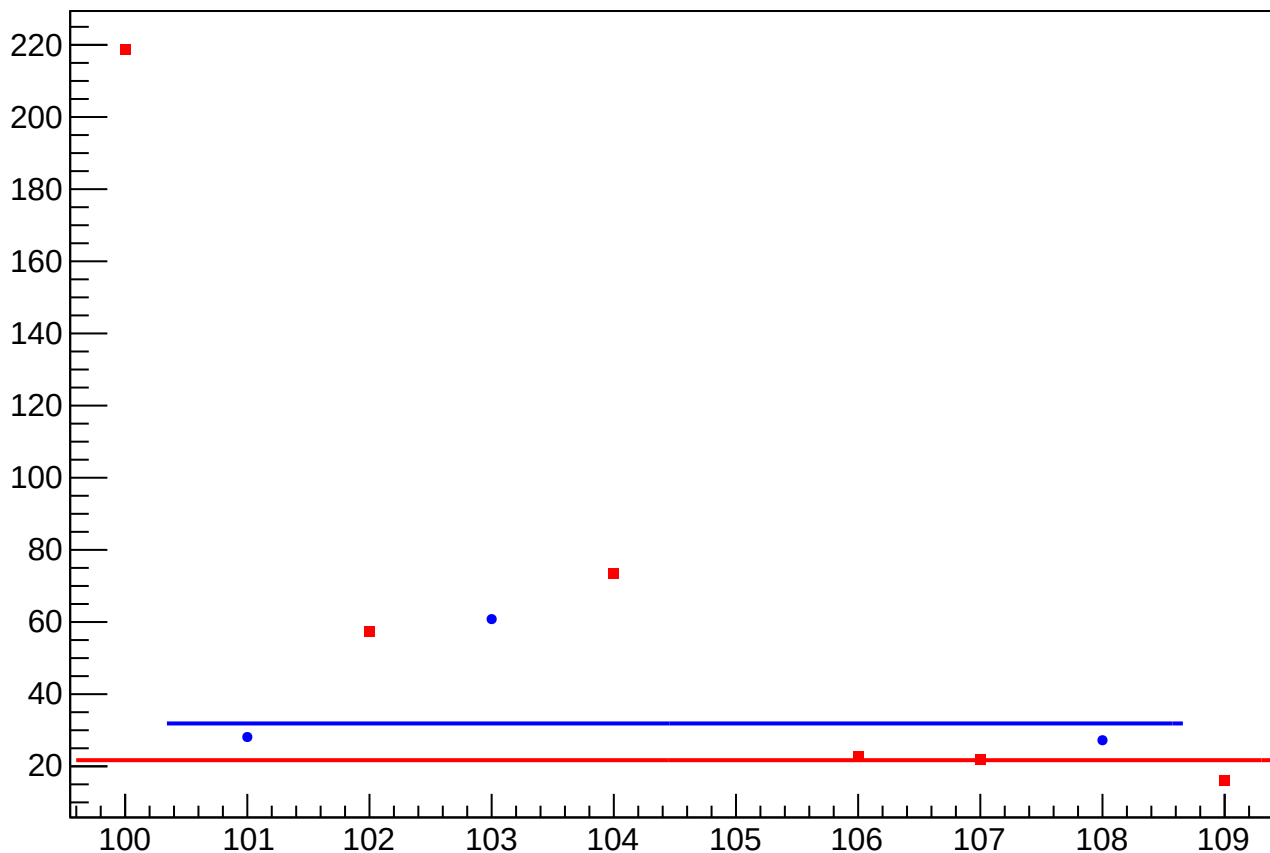
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.882 $\pm$ 0.020 χ^2 /NDF: 306130.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.699 $\pm$ 0.013 χ^2 /NDF: 1070014.4/5

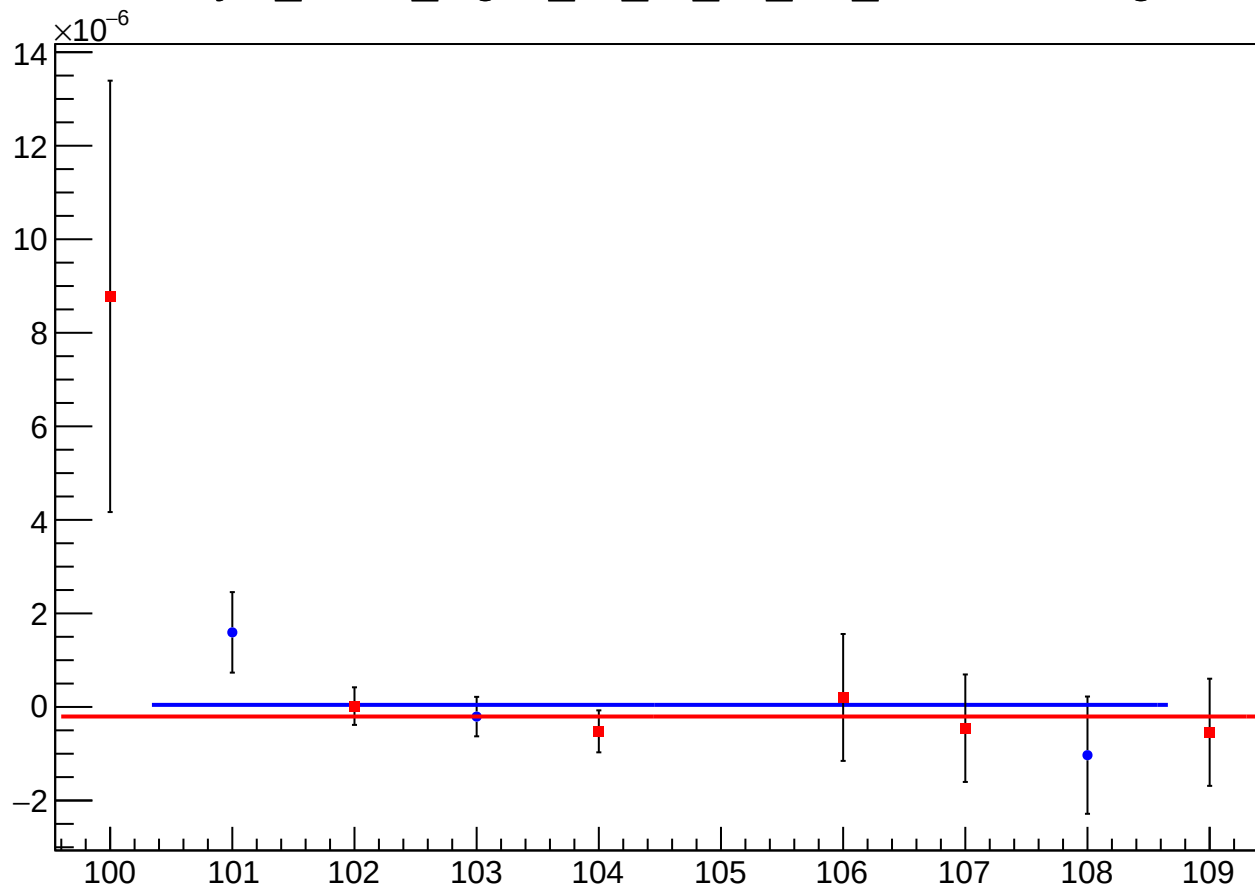
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.698 $\pm$ 0.011 χ^2 /NDF: 1566643.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 4.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 4.8/5

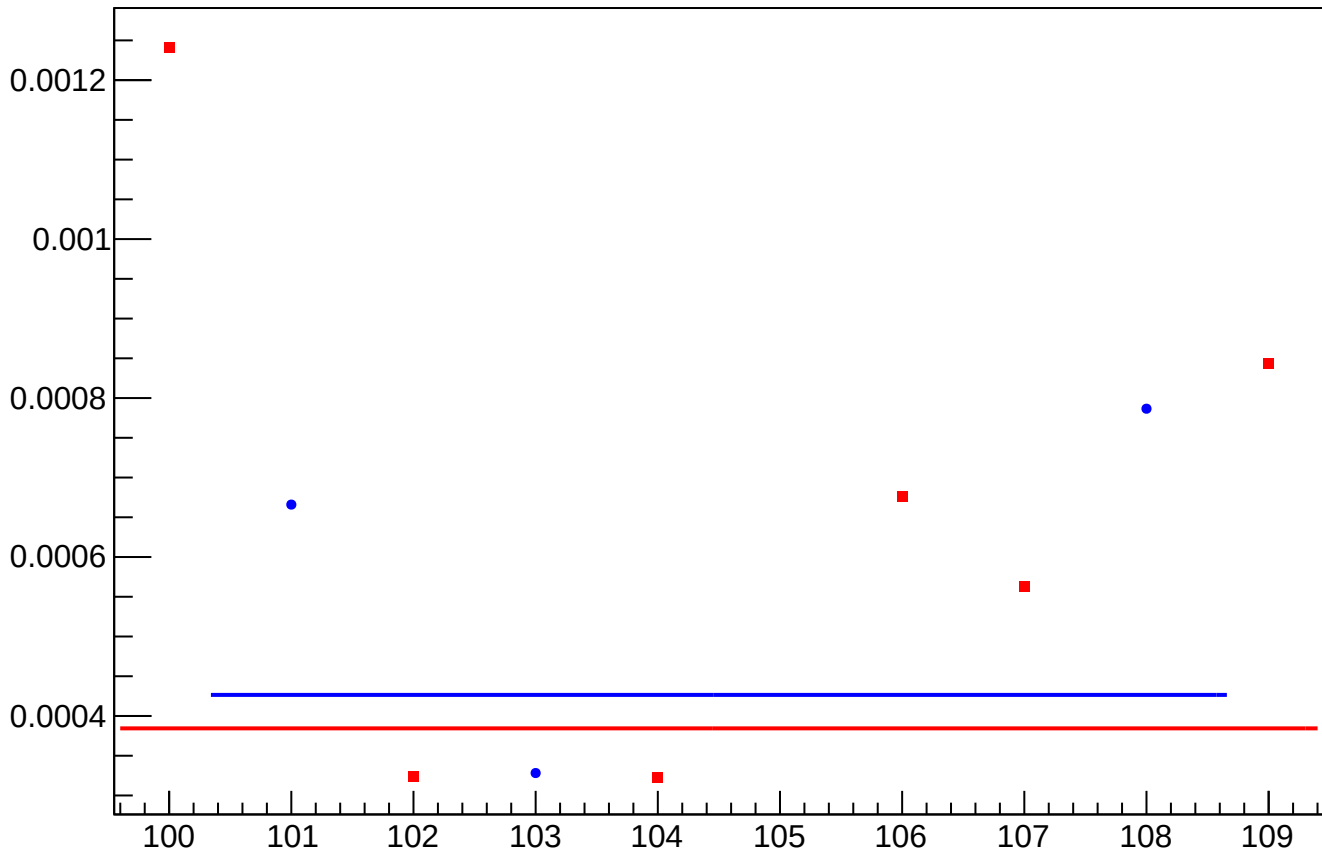
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 9.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 428271.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 615160.9/5

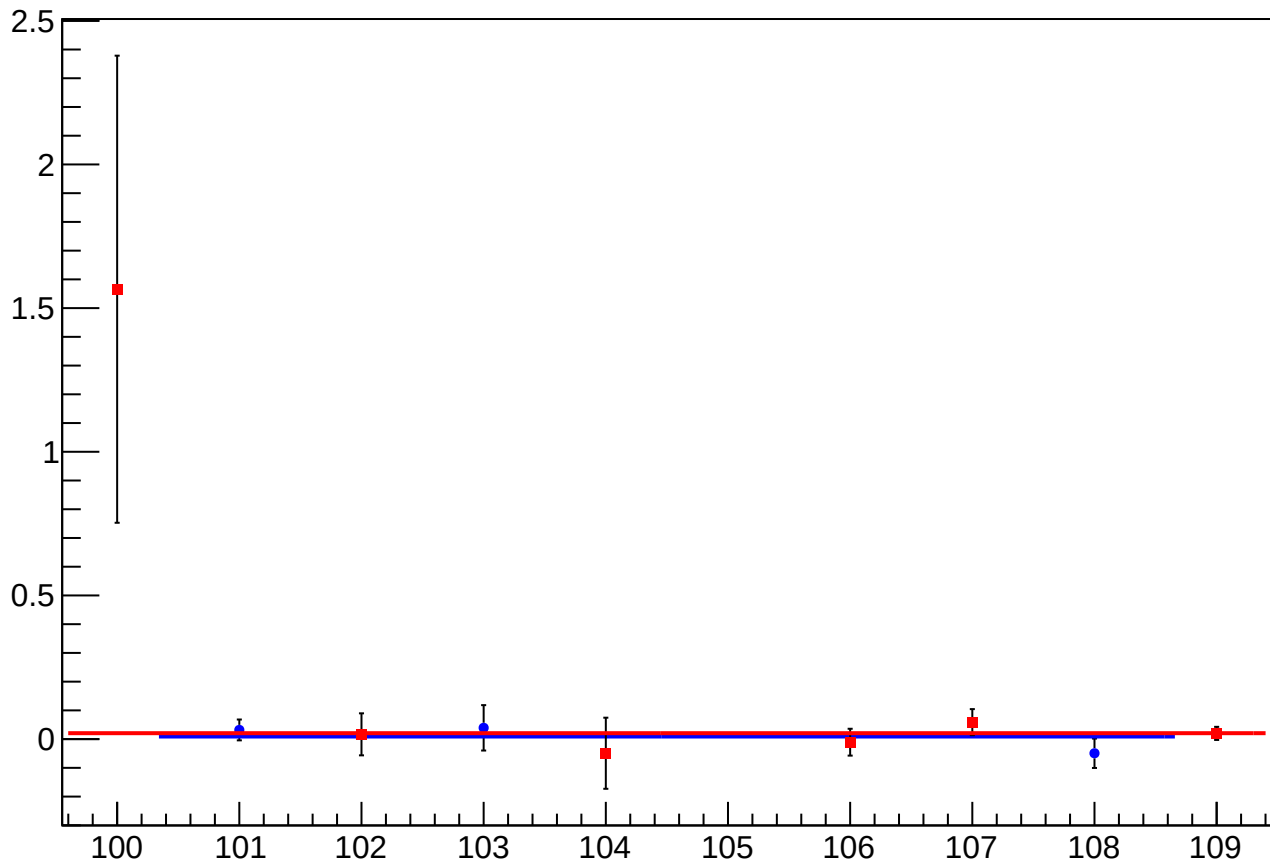
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1060568.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.028 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

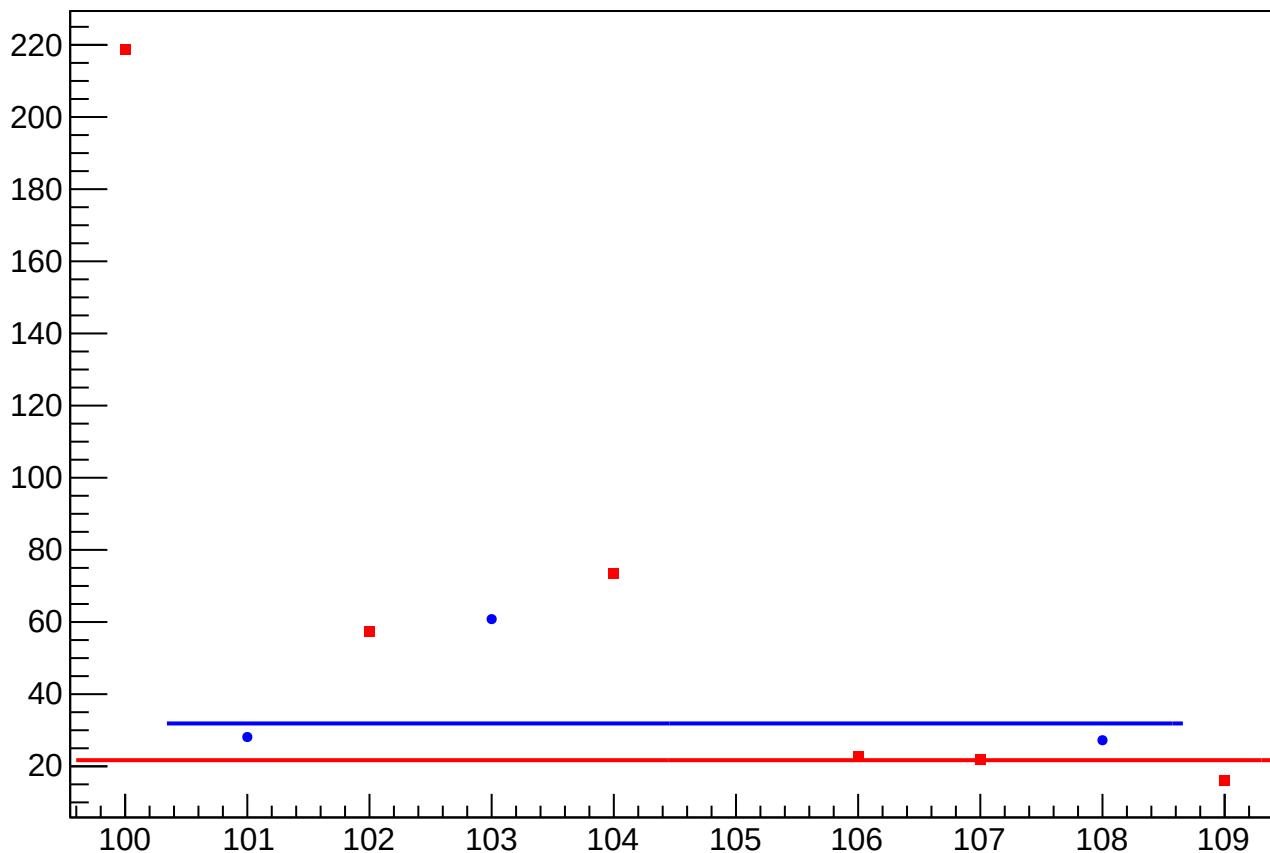
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 31.883+/-0.020 χ^2/NDF : 306119.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.699+/-0.013 χ^2/NDF : 1070005.8/5

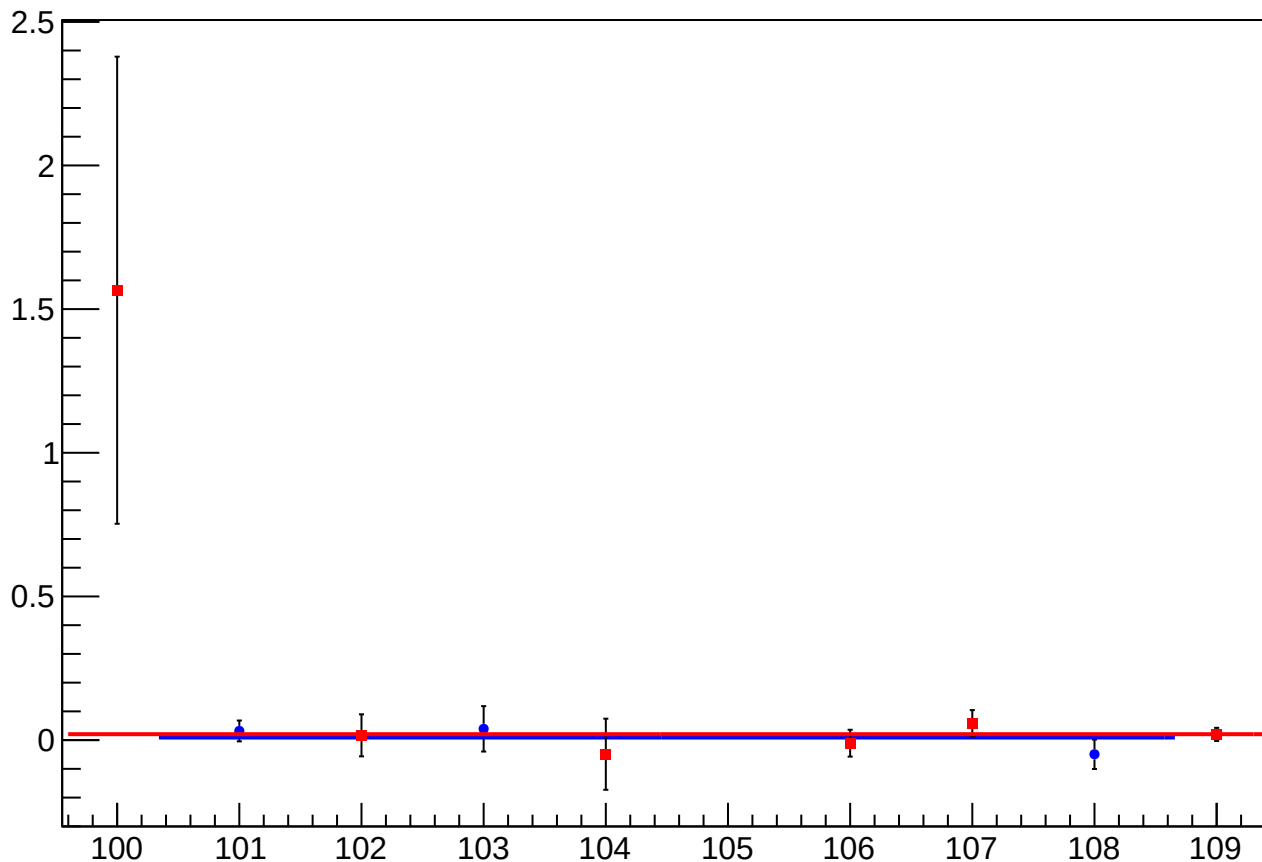
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.698+/-0.011 χ^2/NDF : 1566633.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.009 $\pm$ 0.028 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.018 χ^2 /NDF: 5.1/5

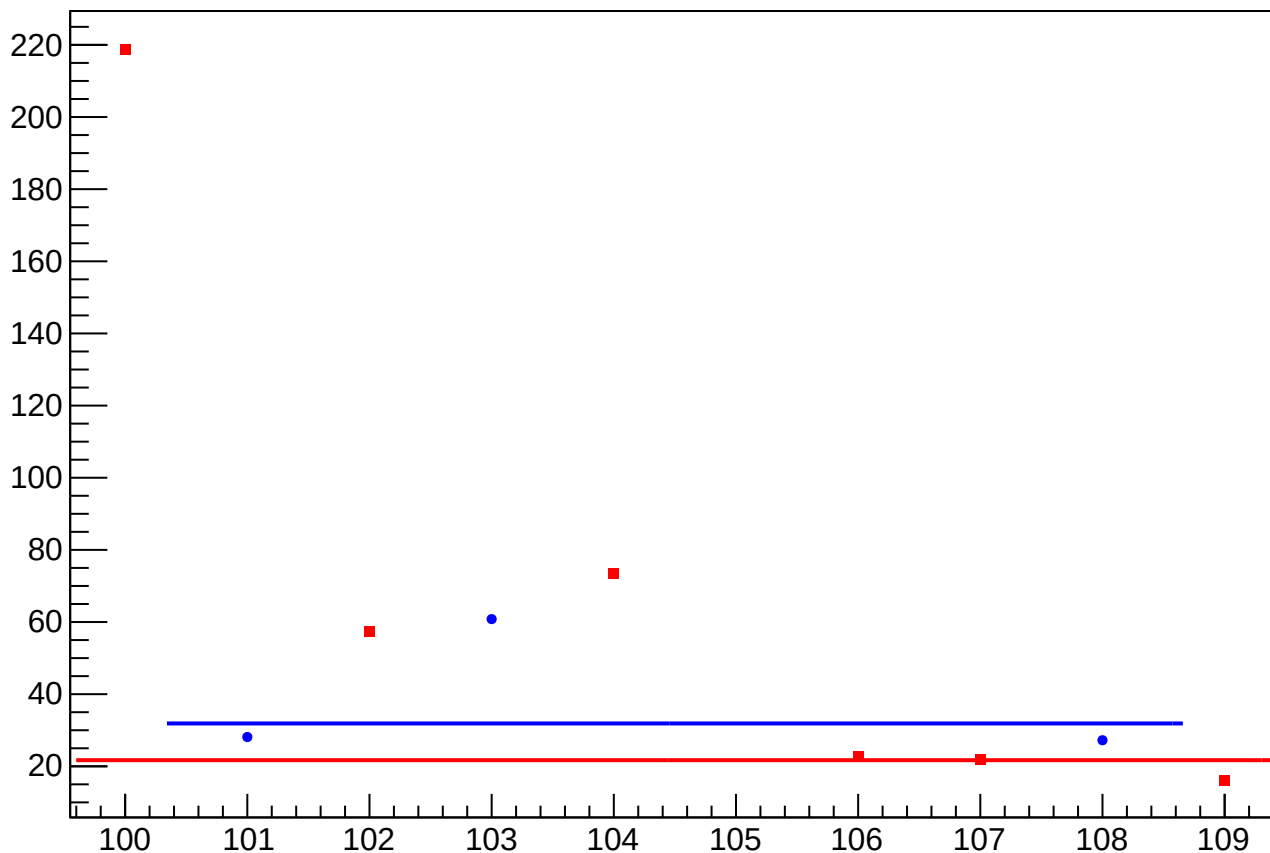
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.017 $\pm$ 0.015 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.883+/-0.020 χ^2/NDF : 306119.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.699+/-0.013 χ^2/NDF : 1070005.8/5

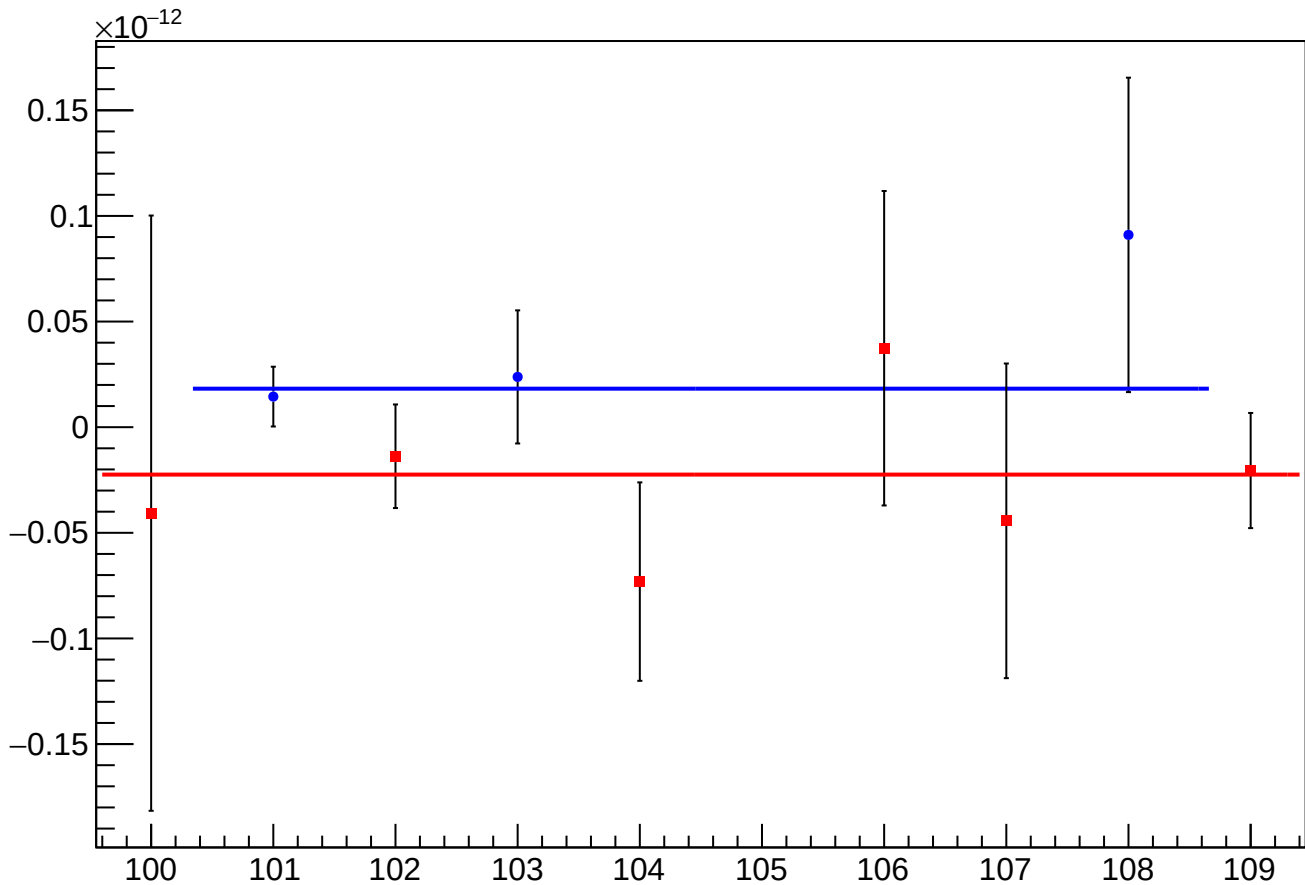
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.698+/-0.011 χ^2/NDF : 1566633.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.0/5

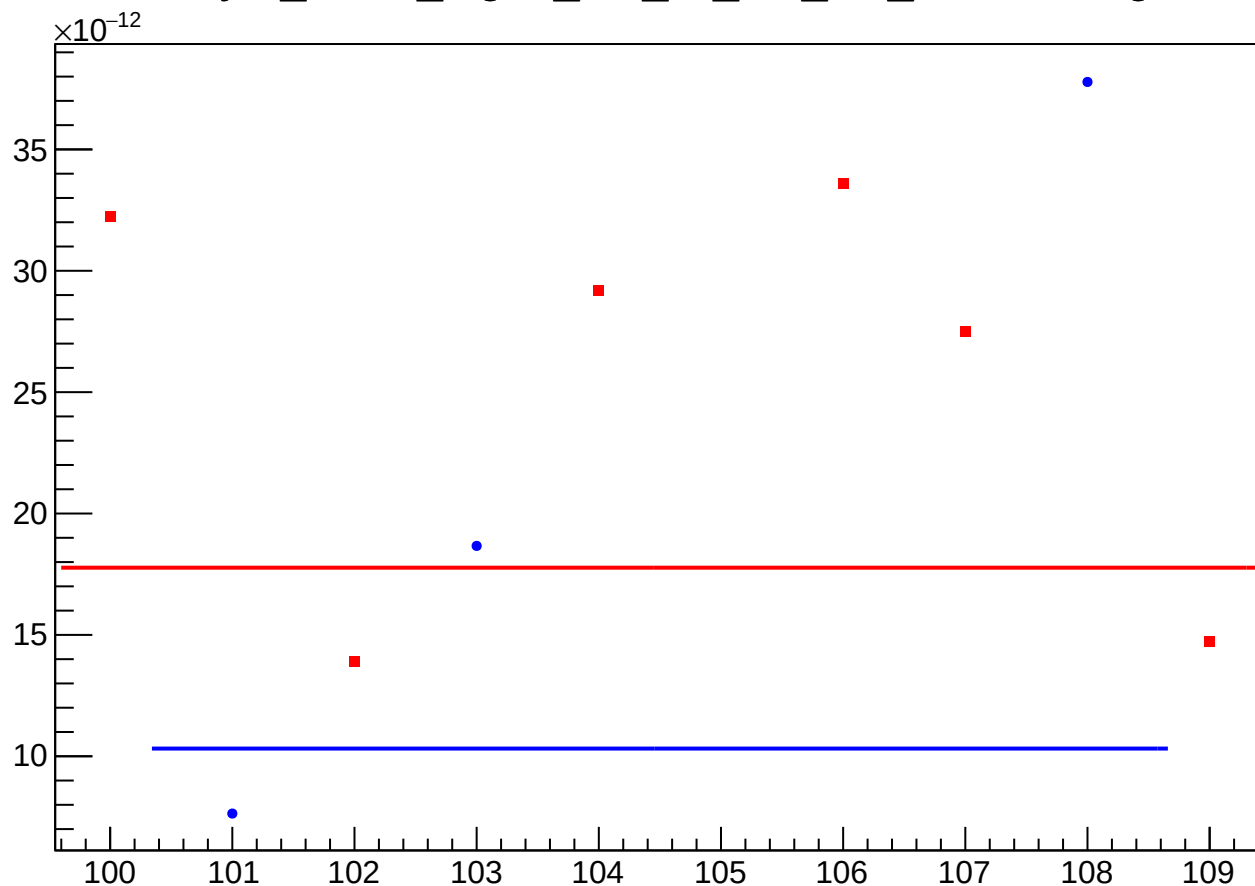
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 484398.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 338904.8/5

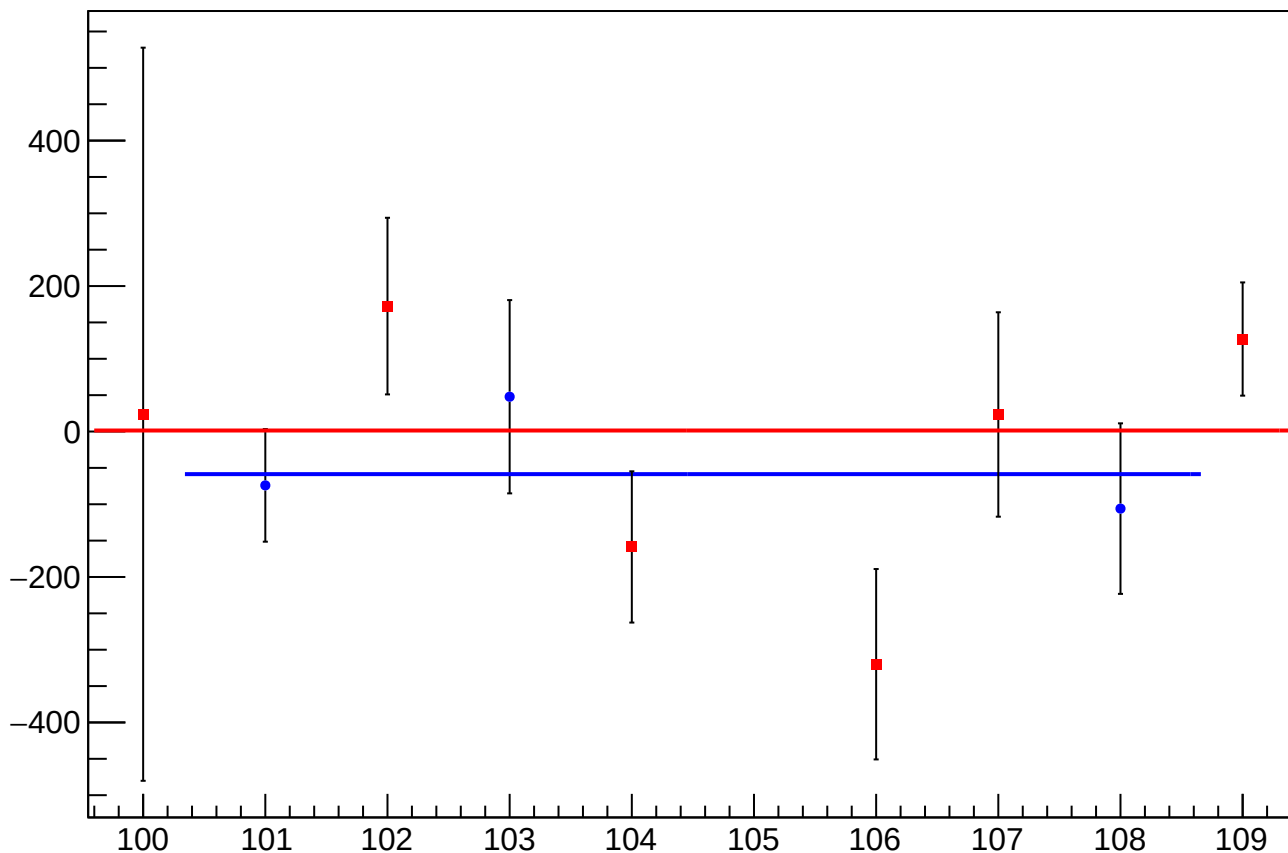
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1087799.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -58.583 ± 58.106 χ^2/NDF : 0.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.395 ± 47.764 χ^2/NDF : 13.0/5

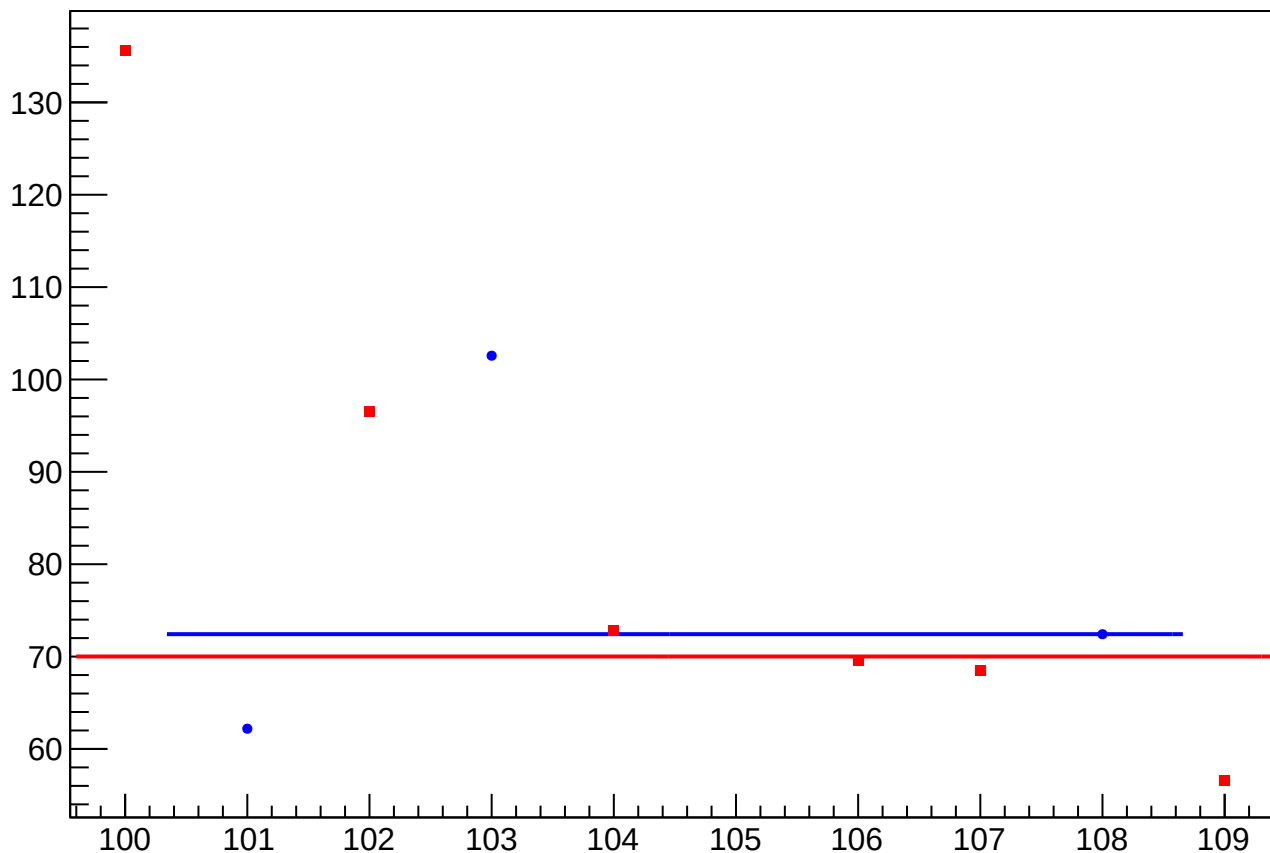
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.791 ± 36.898 χ^2/NDF : 14.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_rms vs Slug



Right In: 72.426+/-0.041 χ^2/NDF : 137905.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.009+/-0.034 χ^2/NDF : 190420.6/5

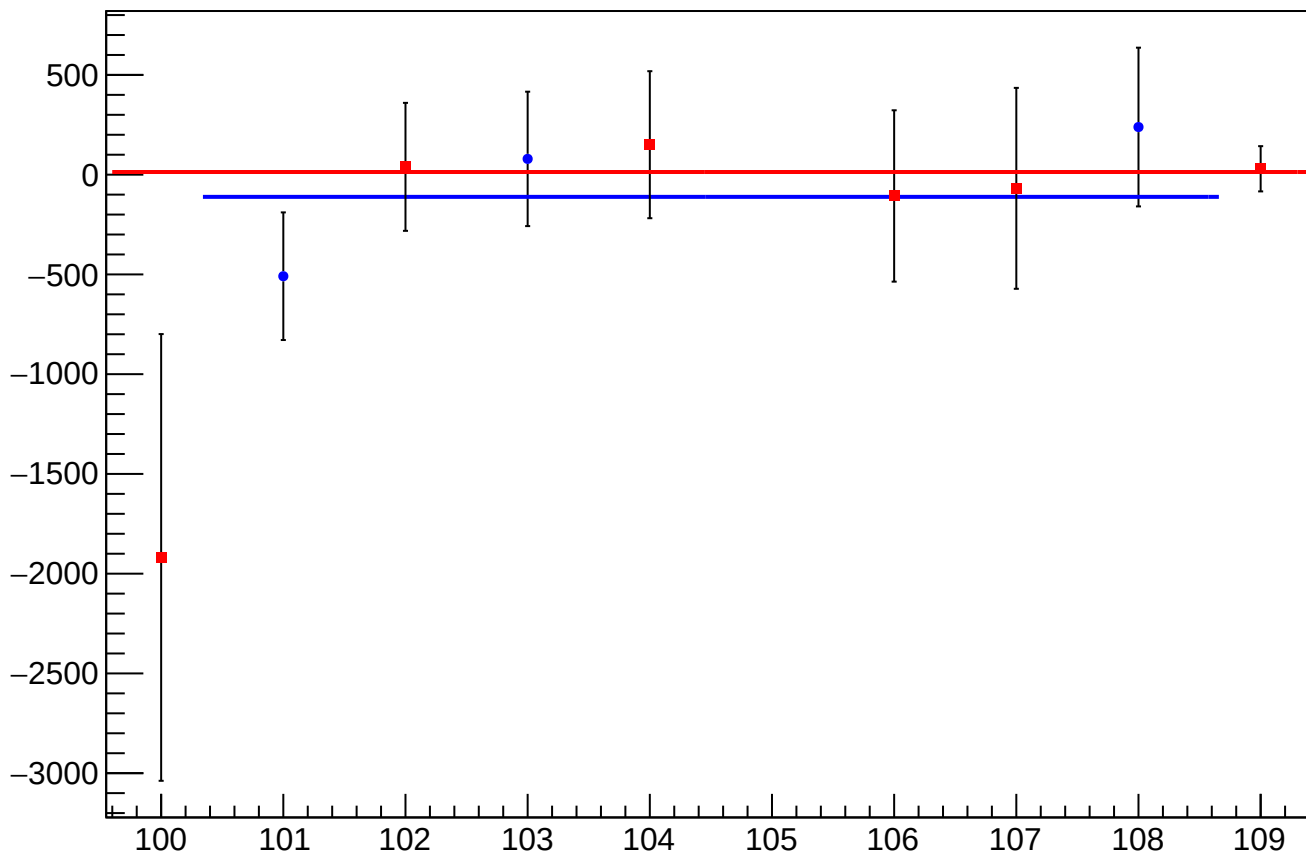
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.983+/-0.026 χ^2/NDF : 330391.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_mean vs Slug



Right In: -111.240 $\pm$ 200.386 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.346 $\pm$ 97.574 χ^2 /NDF: 3.2/5

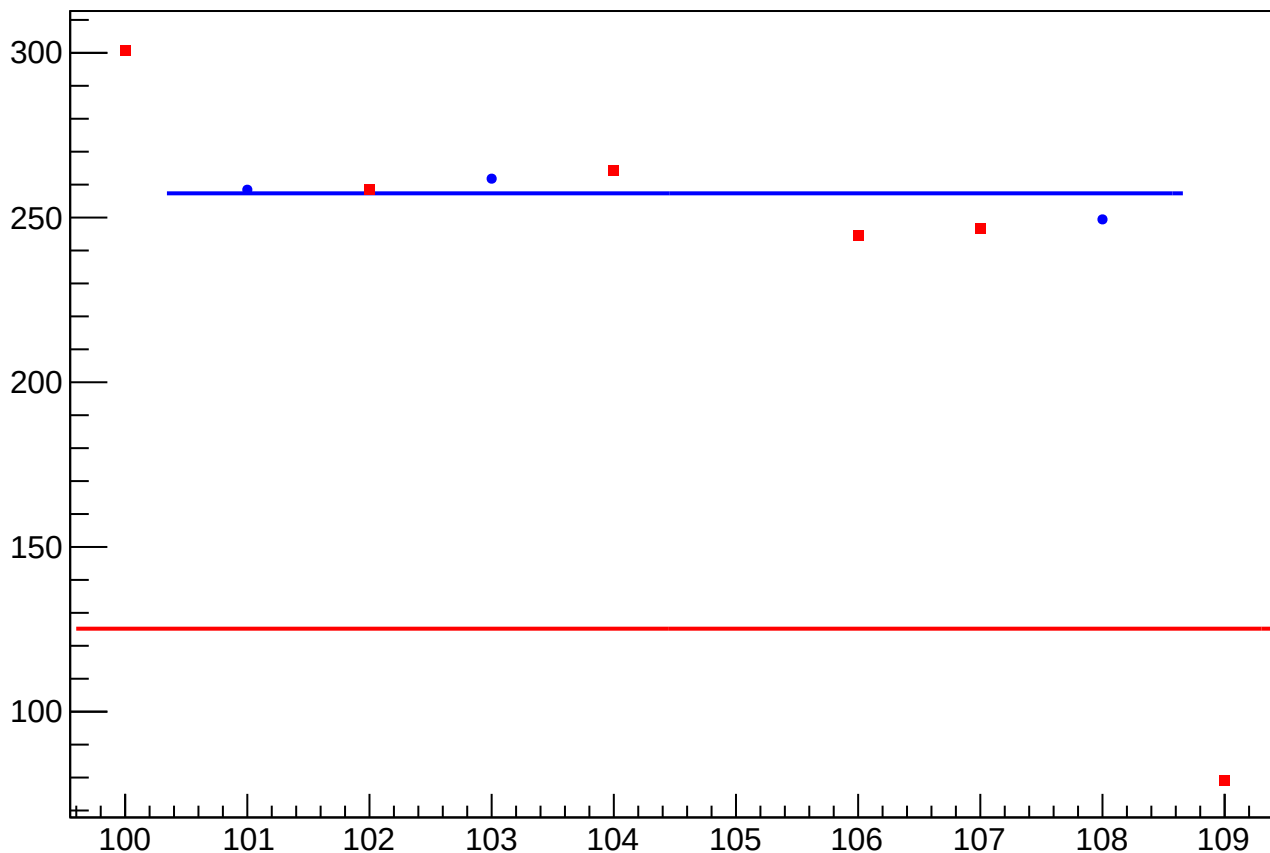
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.532 $\pm$ 87.726 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 257.357 $\pm$ 0.142 χ^2 /NDF: 1163.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.194 $\pm$ 0.069 χ^2 /NDF: 1280683.7/5

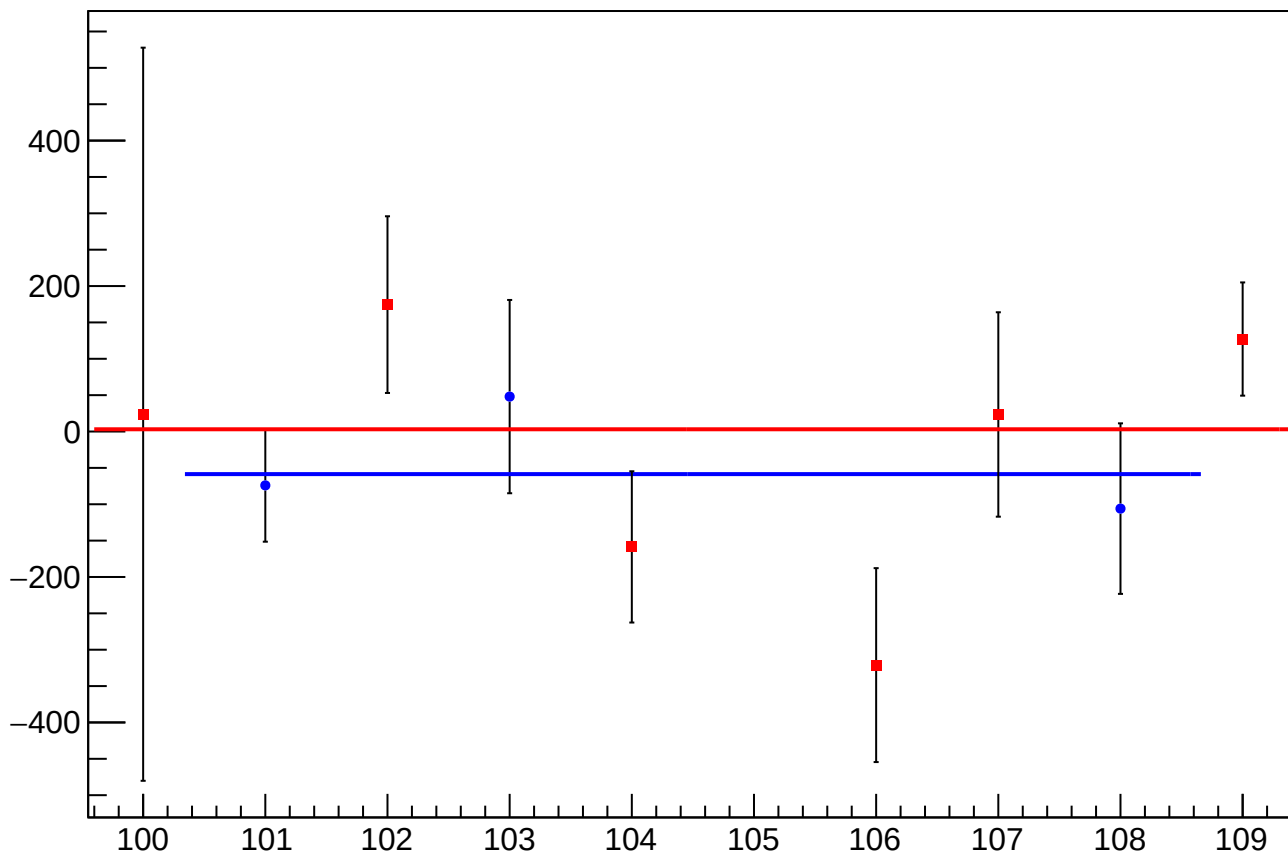
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.524 $\pm$ 0.062 χ^2 /NDF: 1985097.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam8_mean vs Slug



Right In: -58.557 $\pm$ 58.106 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.084 $\pm$ 47.882 χ^2 /NDF: 12.9/5

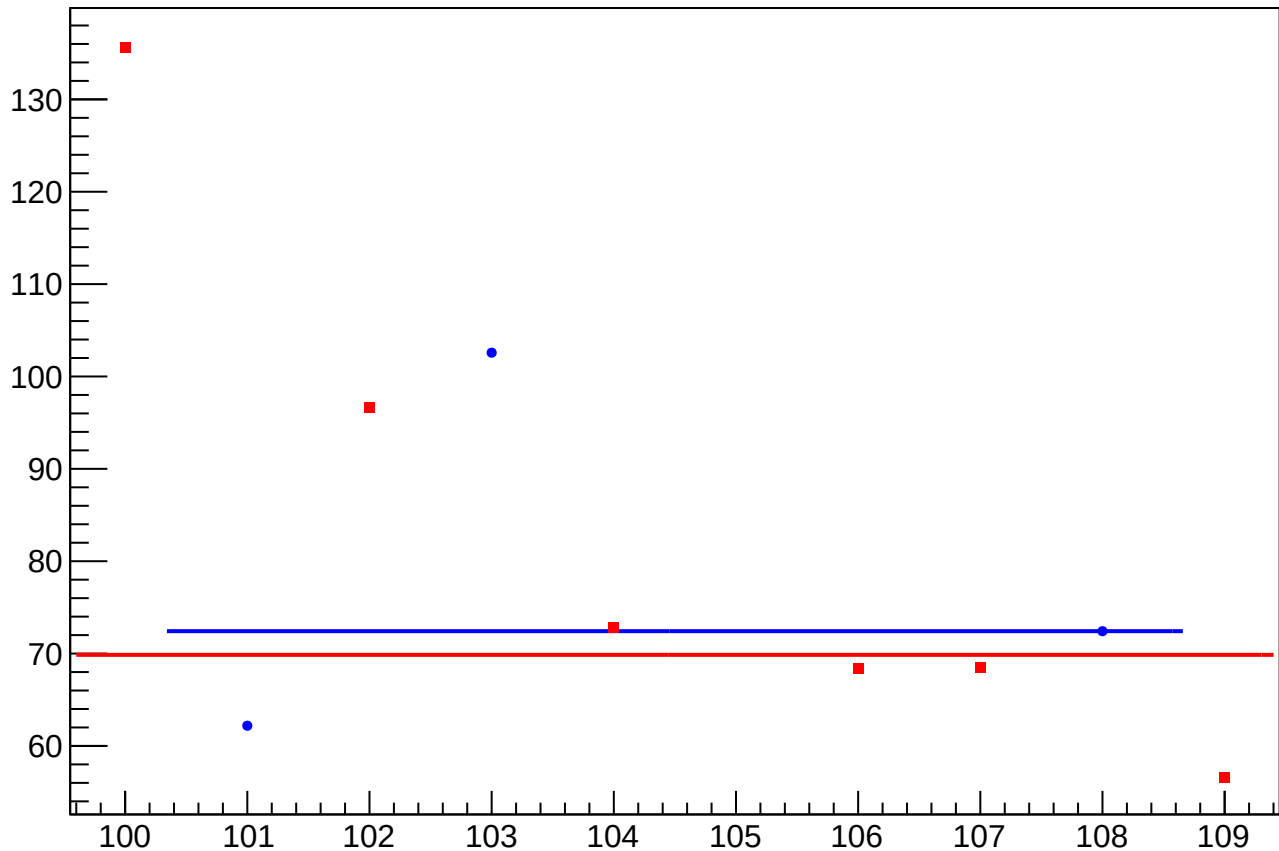
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.845 $\pm$ 36.952 χ^2 /NDF: 14.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 72.426+/-0.041 χ^2/NDF : 137907.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.862+/-0.034 χ^2/NDF : 190835.7/5

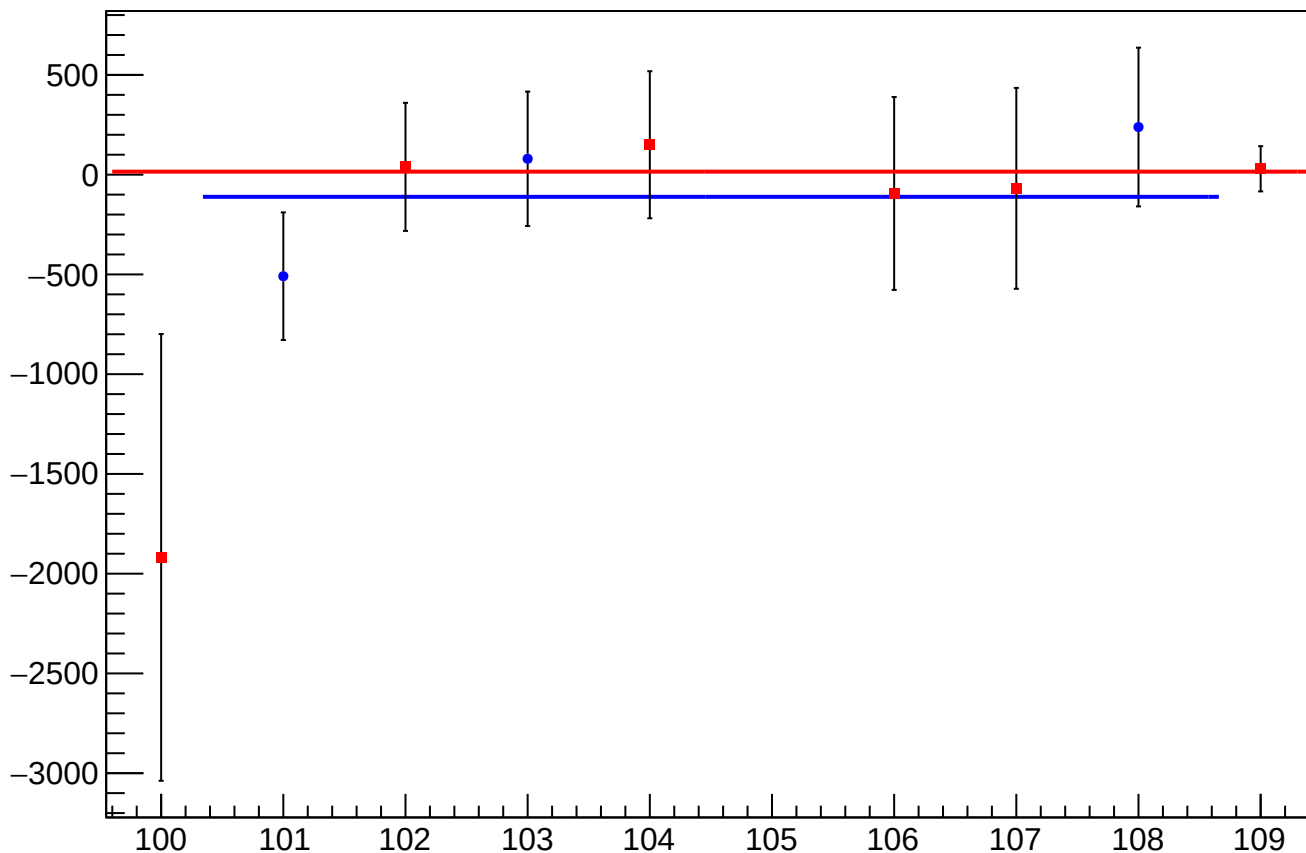
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.899+/-0.026 χ^2/NDF : 331061.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_mean vs Slug



Right In: -111.060 ± 200.393 χ^2/NDF : 2.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 15.128 ± 98.117 χ^2/NDF : 3.2/5

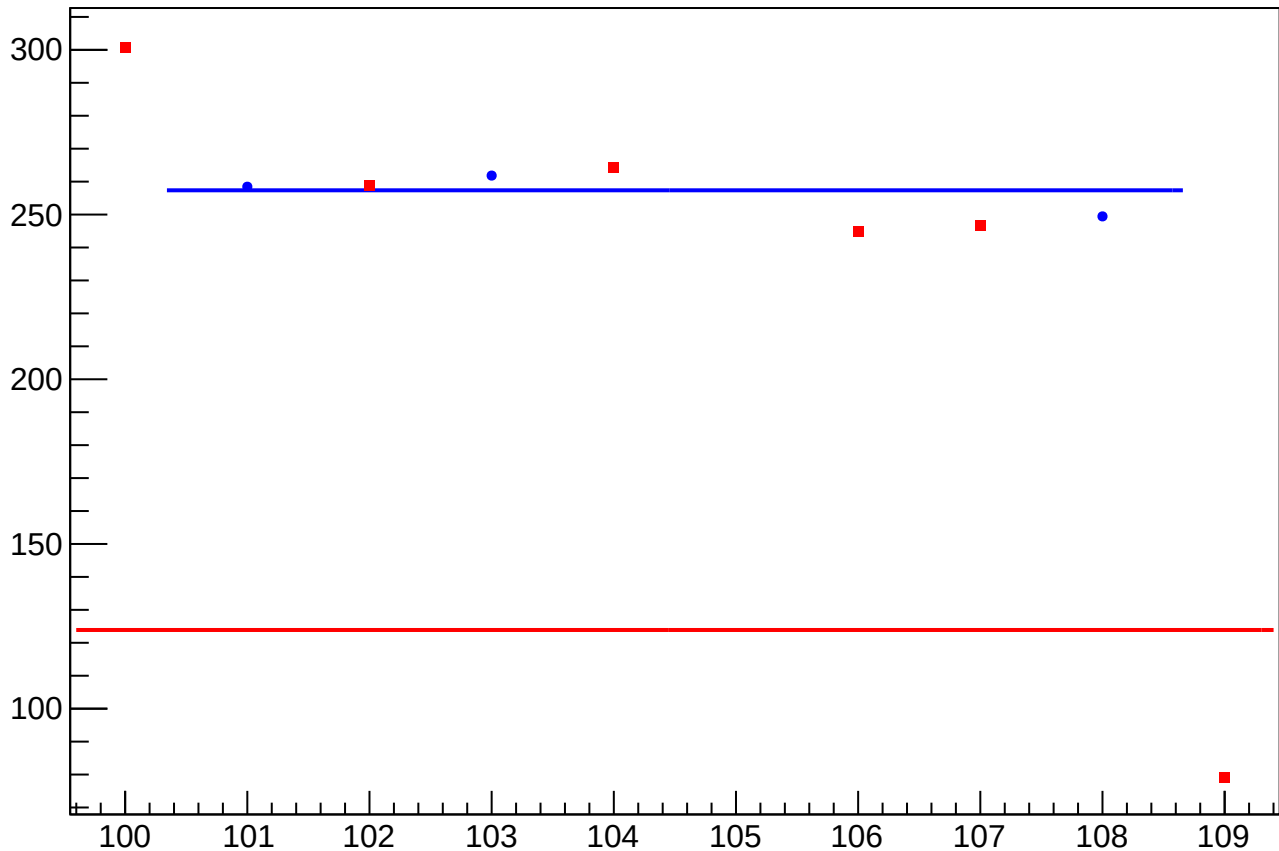
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.274 ± 88.121 χ^2/NDF : 6.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 257.365 $\pm$ 0.142 χ^2 /NDF: 1167.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.887 $\pm$ 0.069 χ^2 /NDF: 1248975.5/5

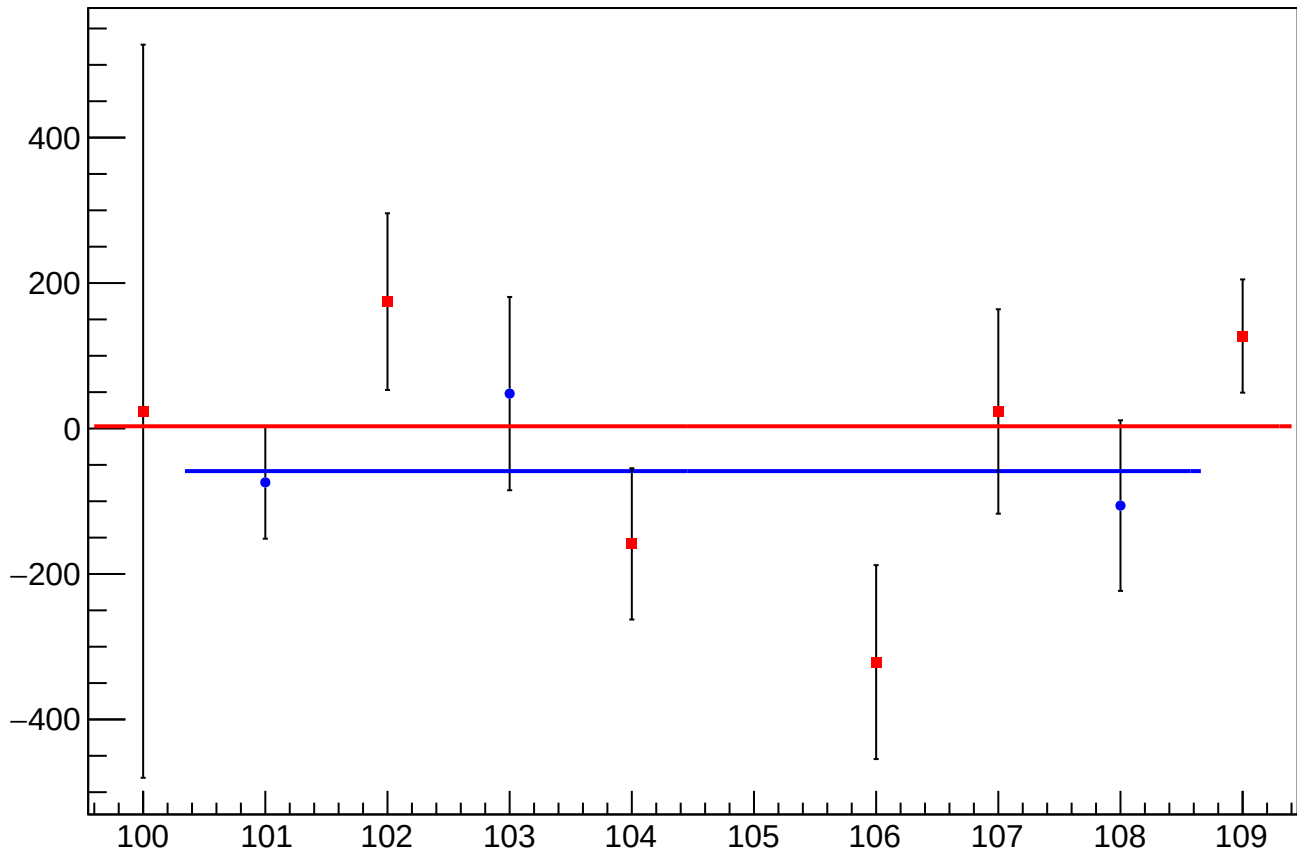
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.698 $\pm$ 0.062 χ^2 /NDF: 1965885.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam8_mean vs Slug



Right In: -58.557 $\pm$ 58.106 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.084 $\pm$ 47.882 χ^2 /NDF: 12.9/5

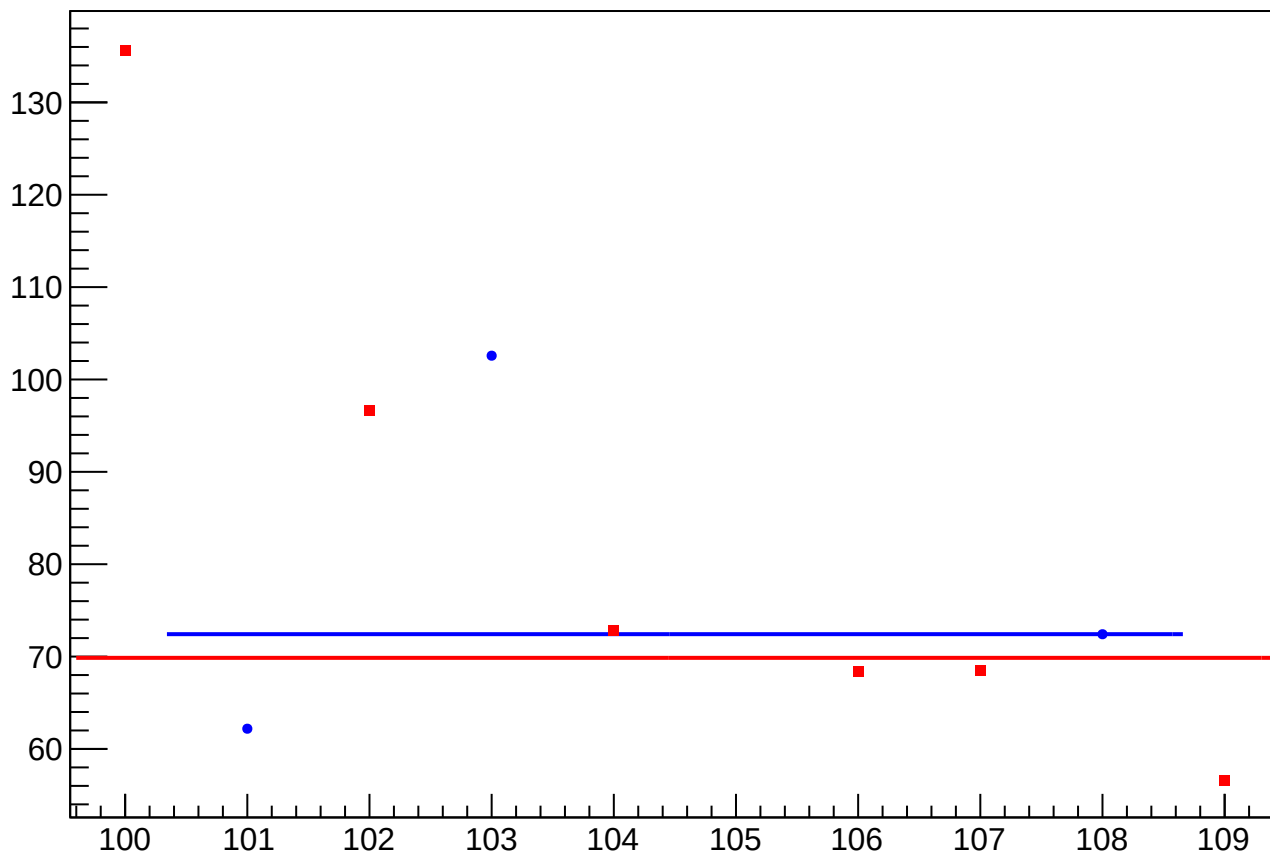
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.845 $\pm$ 36.952 χ^2 /NDF: 14.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam8_rms vs Slug



Right In: 72.426 $\pm$ 0.041 χ^2 /NDF: 137907.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.862 $\pm$ 0.034 χ^2 /NDF: 190835.7/5

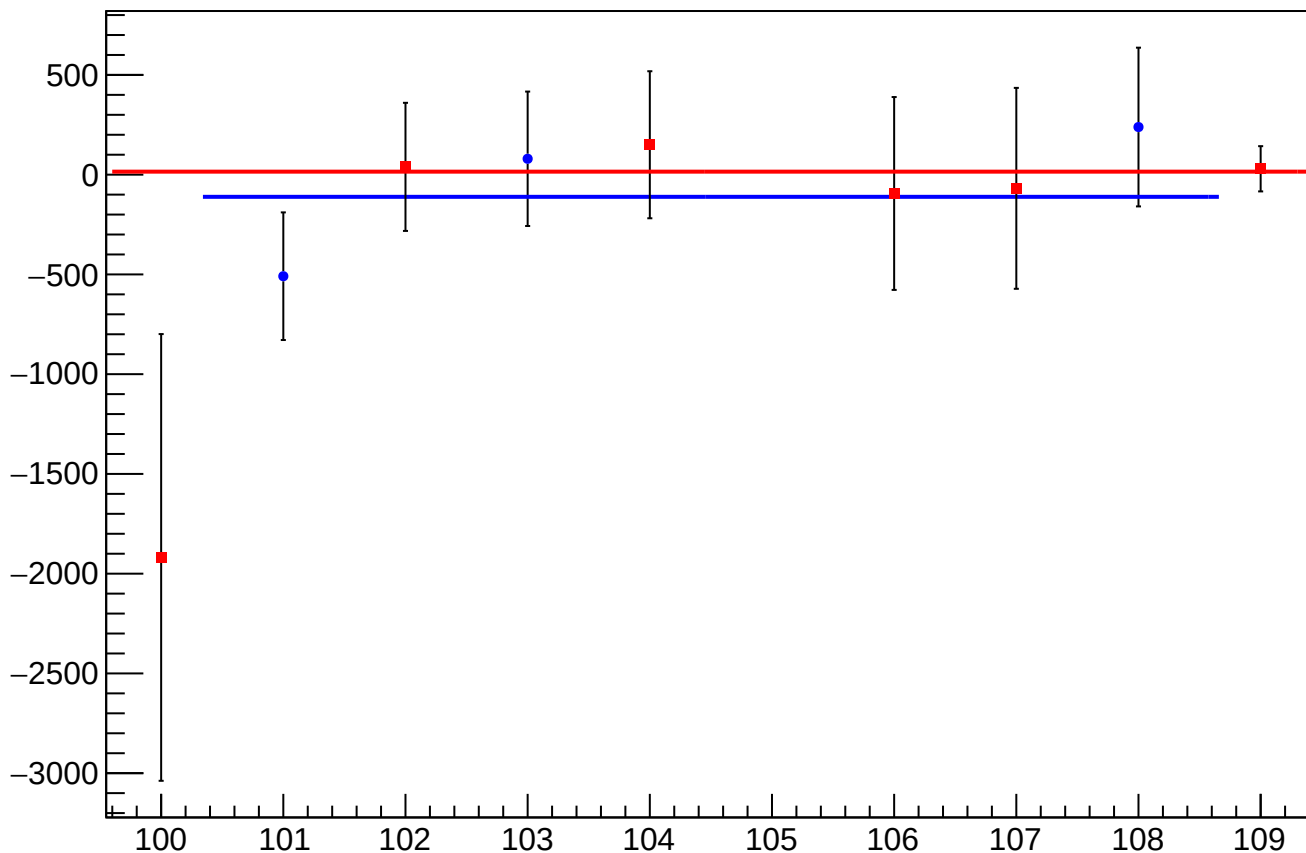
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.899 $\pm$ 0.026 χ^2 /NDF: 331061.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -111.060 $\pm$ 200.393 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.128 $\pm$ 98.117 χ^2 /NDF: 3.2/5

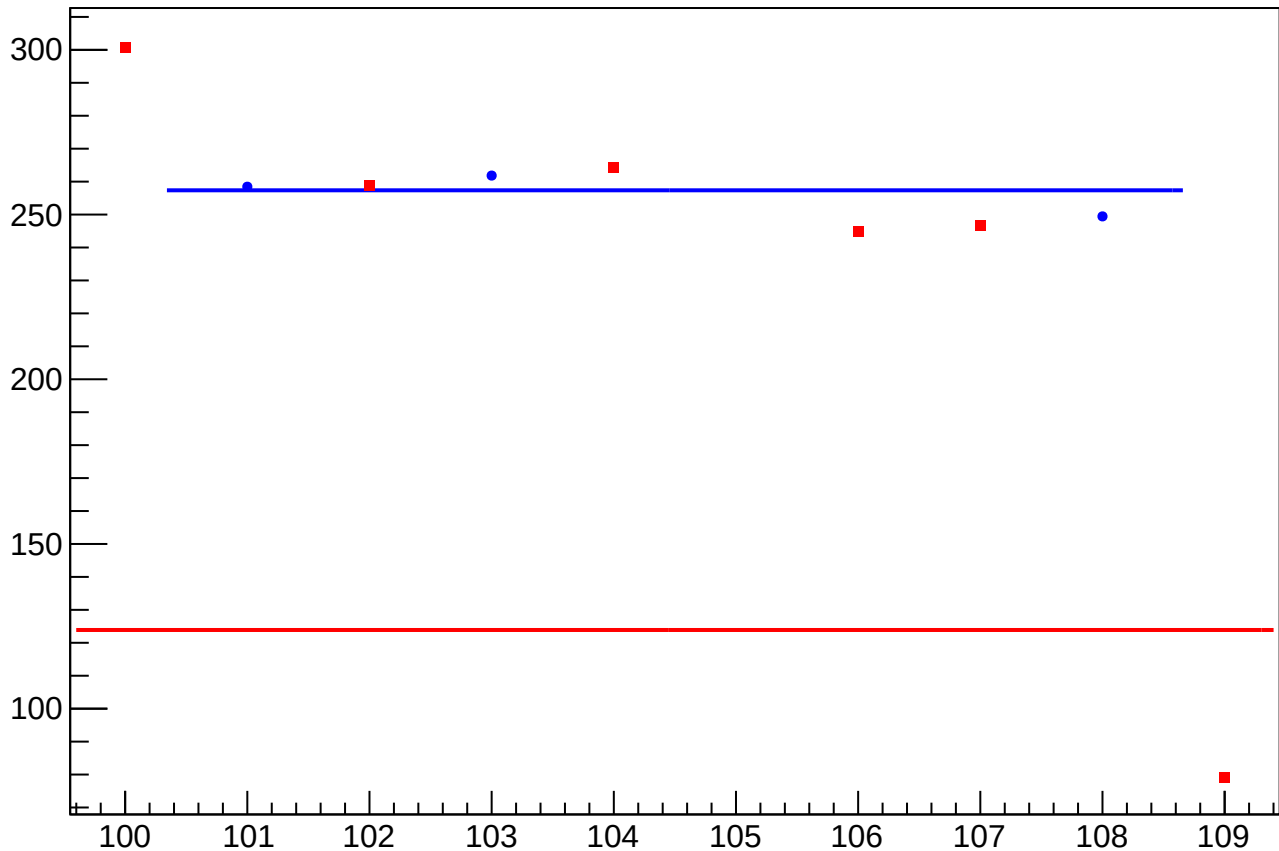
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -9.274 $\pm$ 88.121 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 257.365 $\pm$ 0.142 χ^2 /NDF: 1167.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 123.887 $\pm$ 0.069 χ^2 /NDF: 1248975.5/5

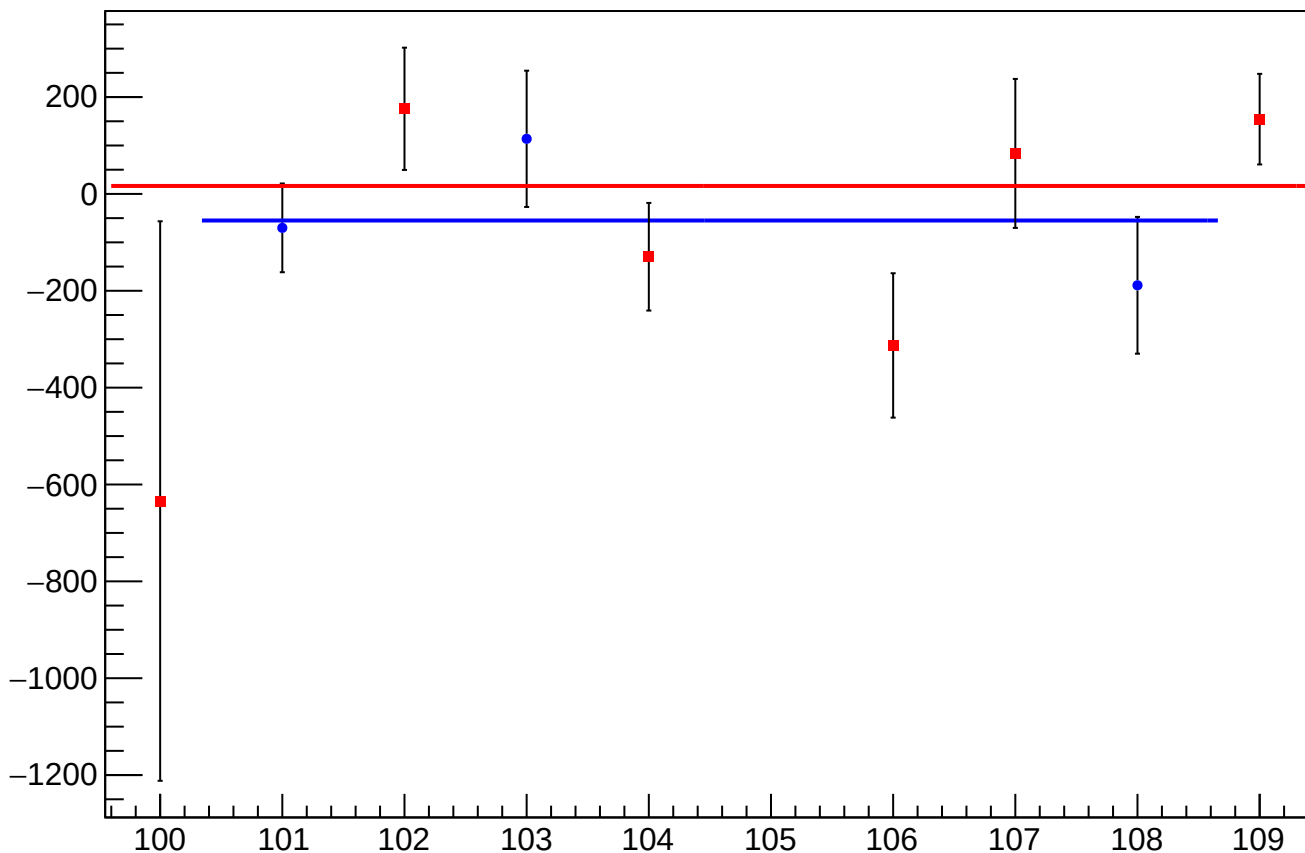
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 149.698 $\pm$ 0.062 χ^2 /NDF: 1965885.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam8_mean vs Slug



Right In: -54.882 ± 67.451 χ^2/NDF : 2.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.463 ± 53.584 χ^2/NDF : 11.8/5

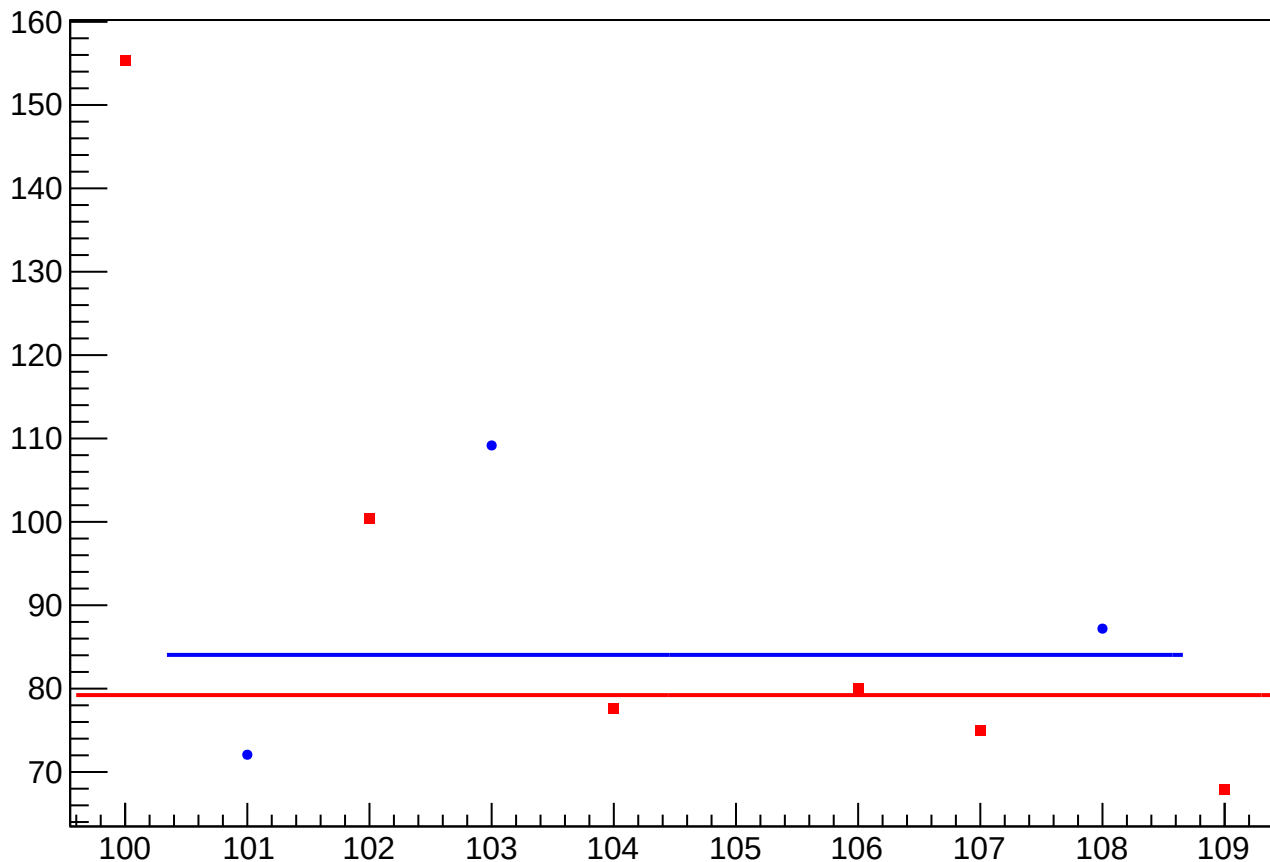
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.142 ± 41.956 χ^2/NDF : 14.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam8_rms vs Slug



Right In: 84.046 $\pm$ 0.048 χ^2 /NDF: 98888.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.224 $\pm$ 0.038 χ^2 /NDF: 122434.5/5

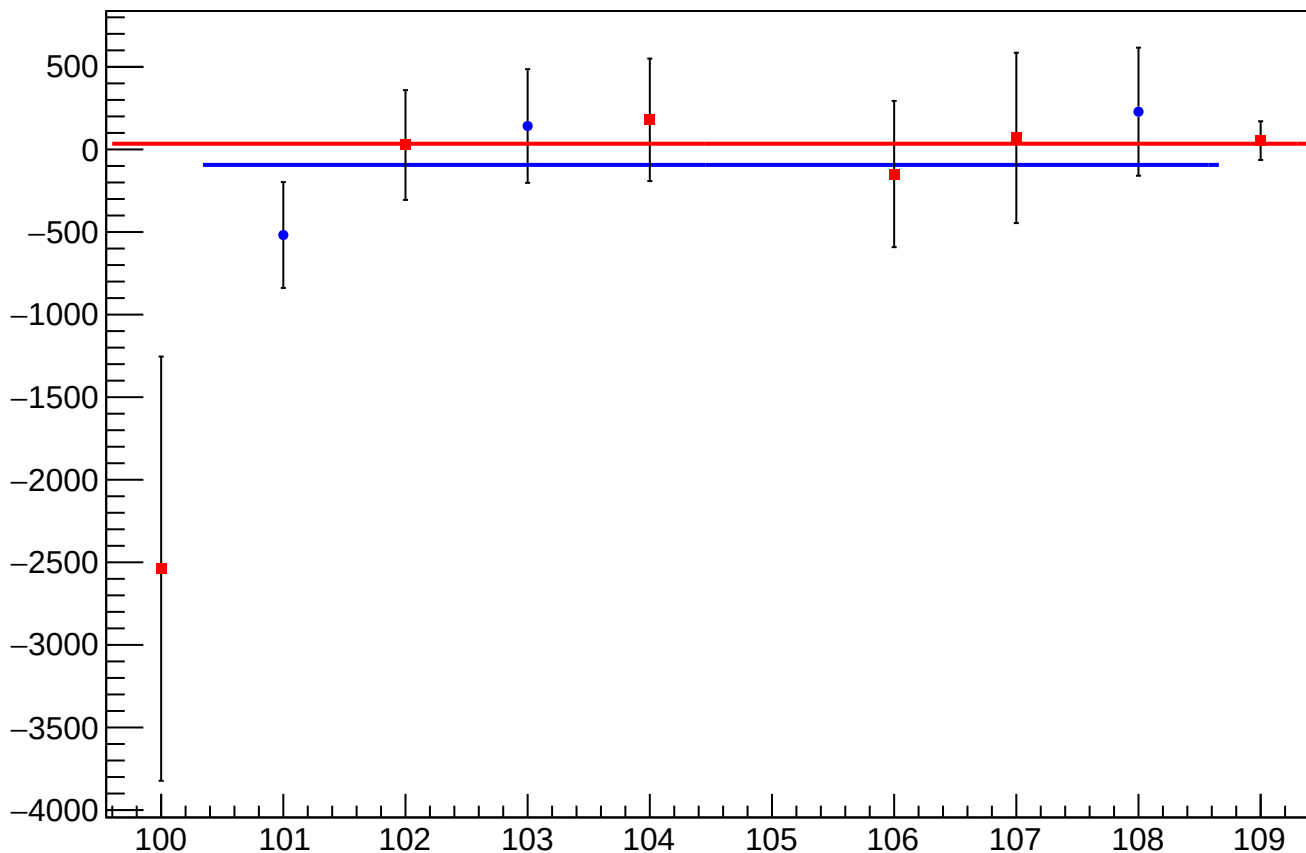
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.090 $\pm$ 0.030 χ^2 /NDF: 227590.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -93.536 ± 200.705 χ^2/NDF : 2.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.619 ± 100.677 χ^2/NDF : 4.4/5

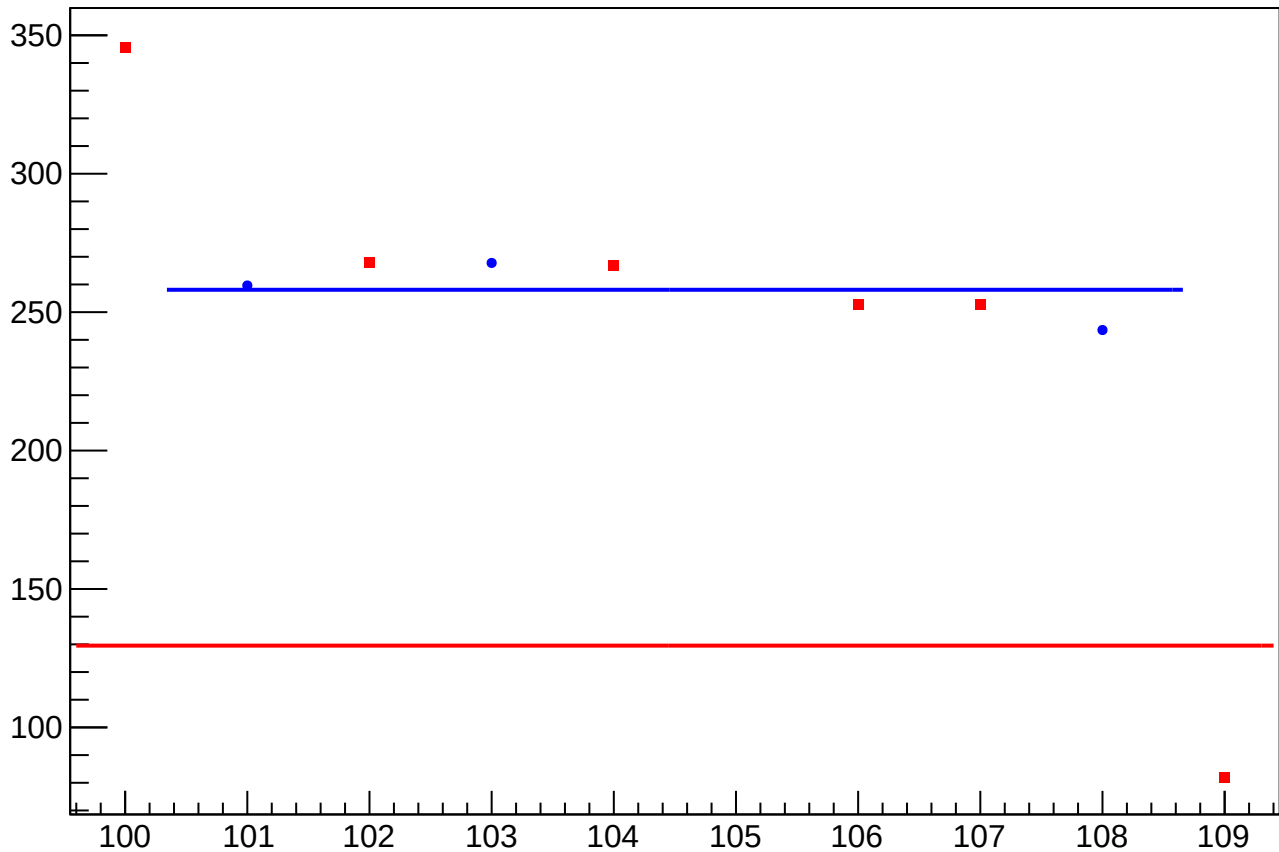
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.856 ± 89.990 χ^2/NDF : 7.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 258.084 $\pm$ 0.142 χ^2 /NDF: 4444.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.543 $\pm$ 0.071 χ^2 /NDF: 1277513.5/5

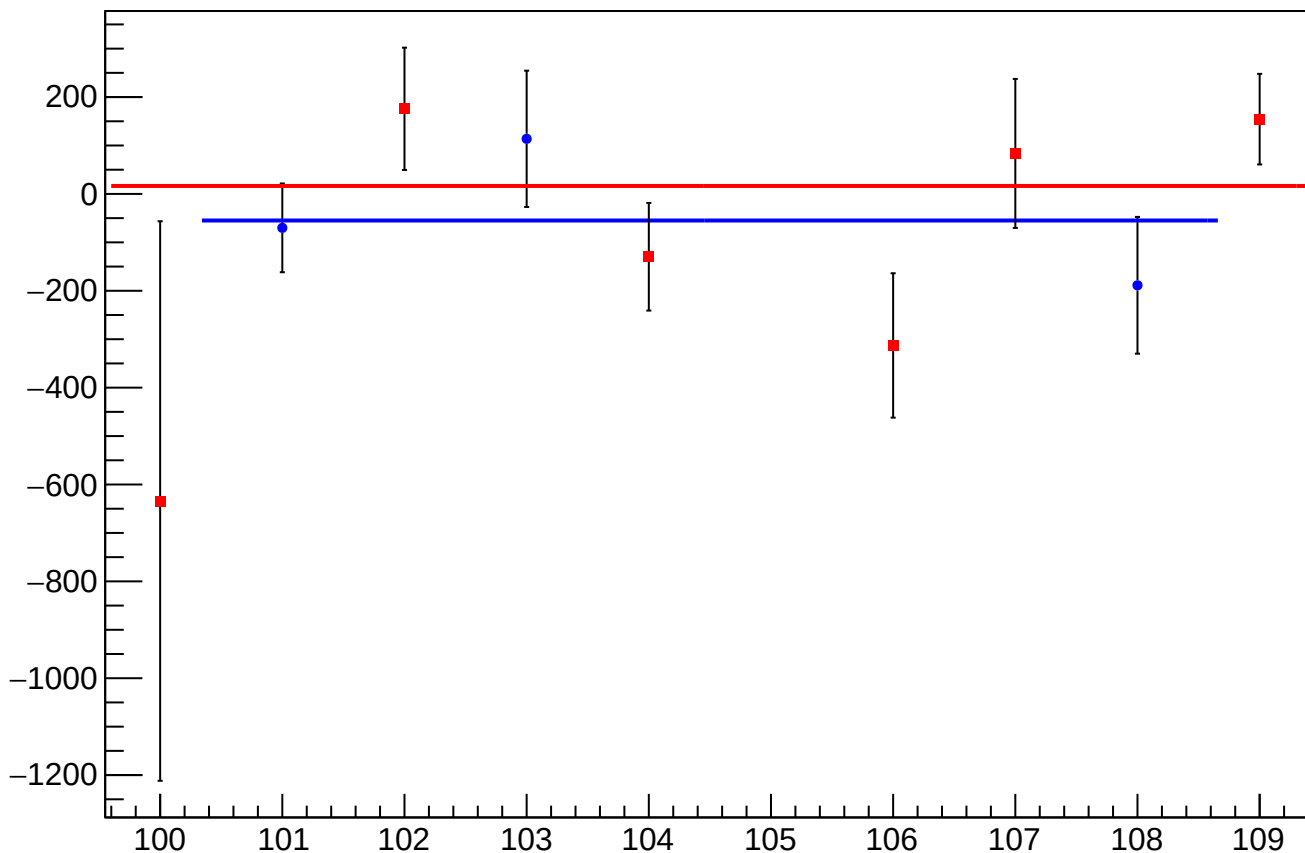
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.384 $\pm$ 0.064 χ^2 /NDF: 1937390.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam8_mean vs Slug



Right In: -54.877 $\pm$ 67.451 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.464 $\pm$ 53.584 χ^2 /NDF: 11.8/5

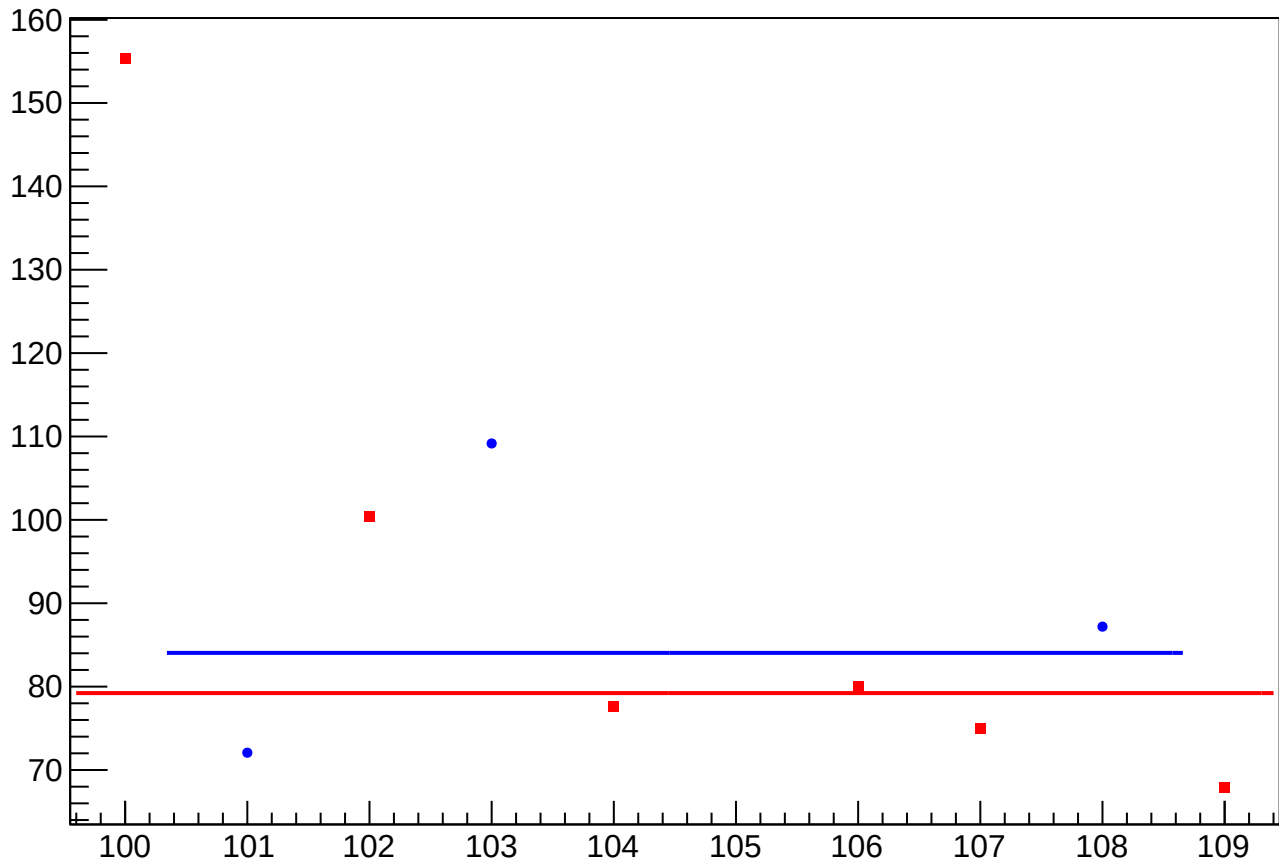
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.139 $\pm$ 41.956 χ^2 /NDF: 14.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 84.046 $\pm$ 0.048 χ^2 /NDF: 98887.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.224 $\pm$ 0.038 χ^2 /NDF: 122434.4/5

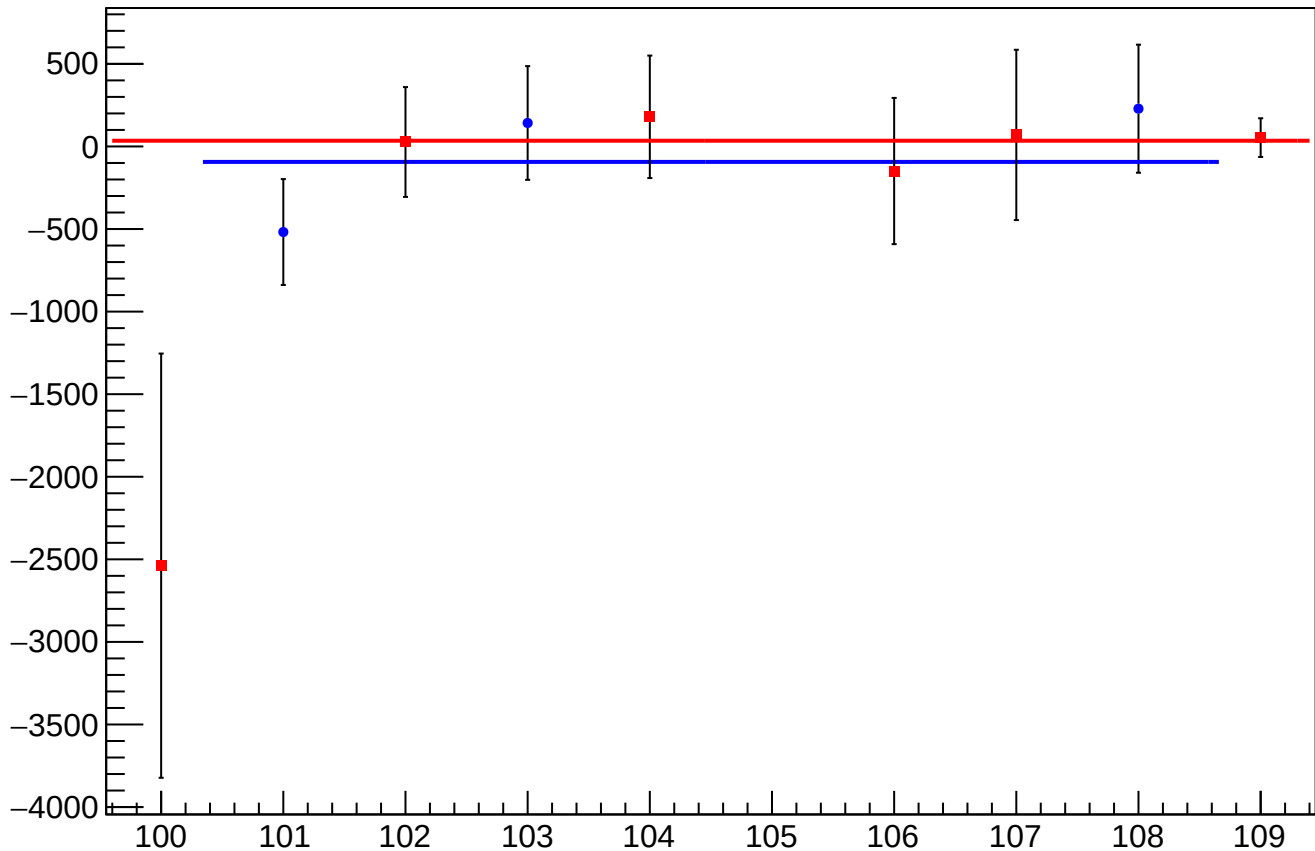
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.090 $\pm$ 0.030 χ^2 /NDF: 227590.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -93.535 ± 200.704 χ^2/NDF : 2.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 34.620 ± 100.677 χ^2/NDF : 4.4/5

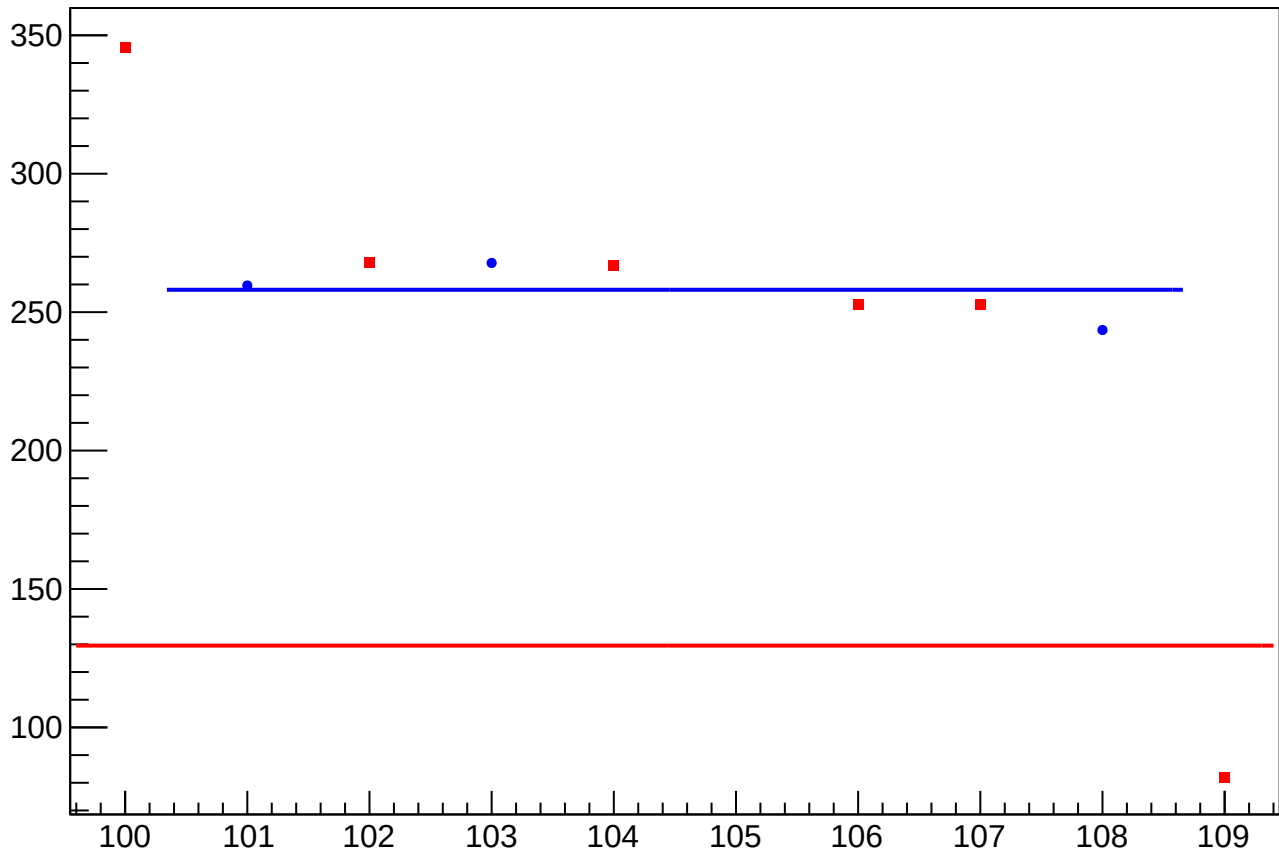
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.856 ± 89.990 χ^2/NDF : 7.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 258.083 $\pm$ 0.142 χ^2 /NDF: 4444.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.544 $\pm$ 0.071 χ^2 /NDF: 1277487.6/5

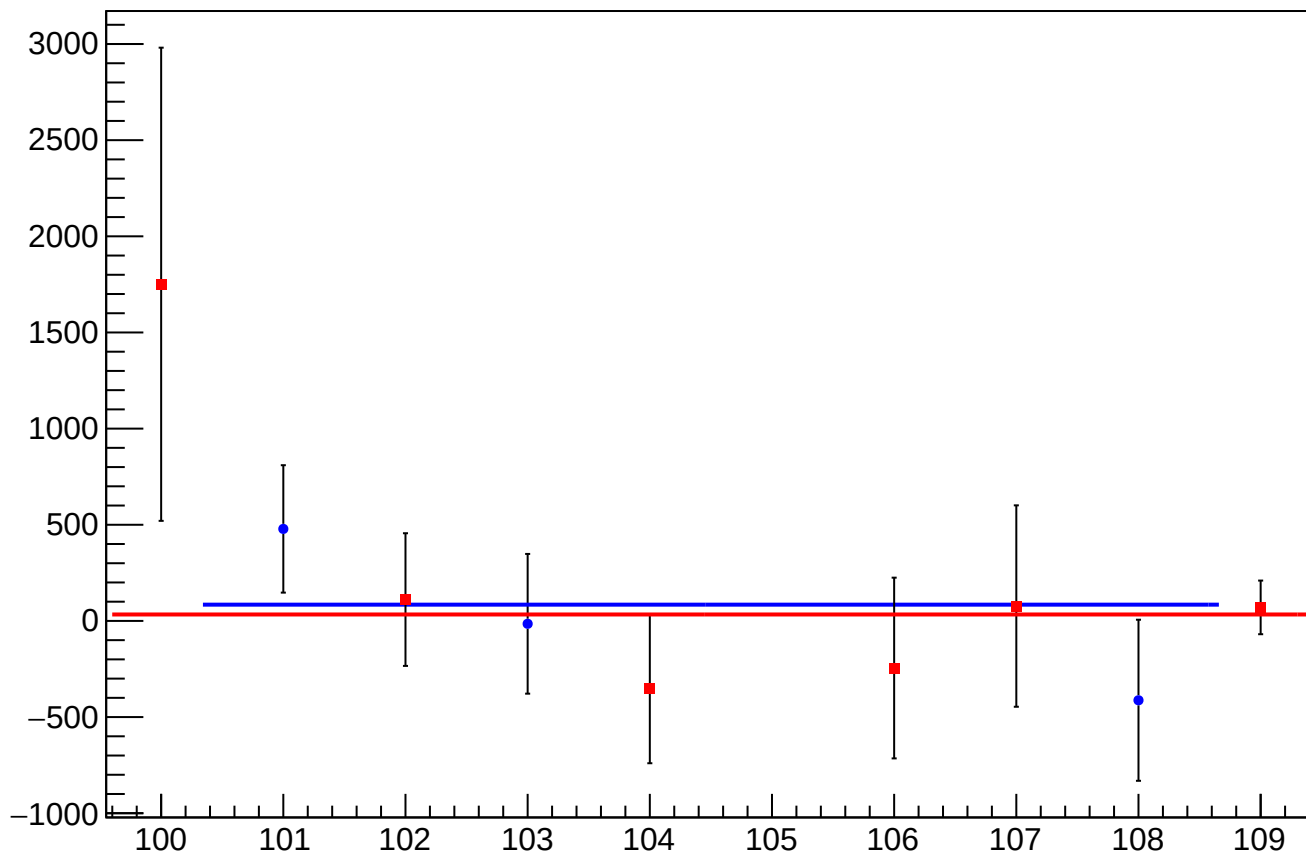
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 155.385 $\pm$ 0.064 χ^2 /NDF: 1937343.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_mean vs Slug



Right In: 84.577 $\pm$ 211.344 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.500 $\pm$ 115.227 χ^2 /NDF: 3.4/5

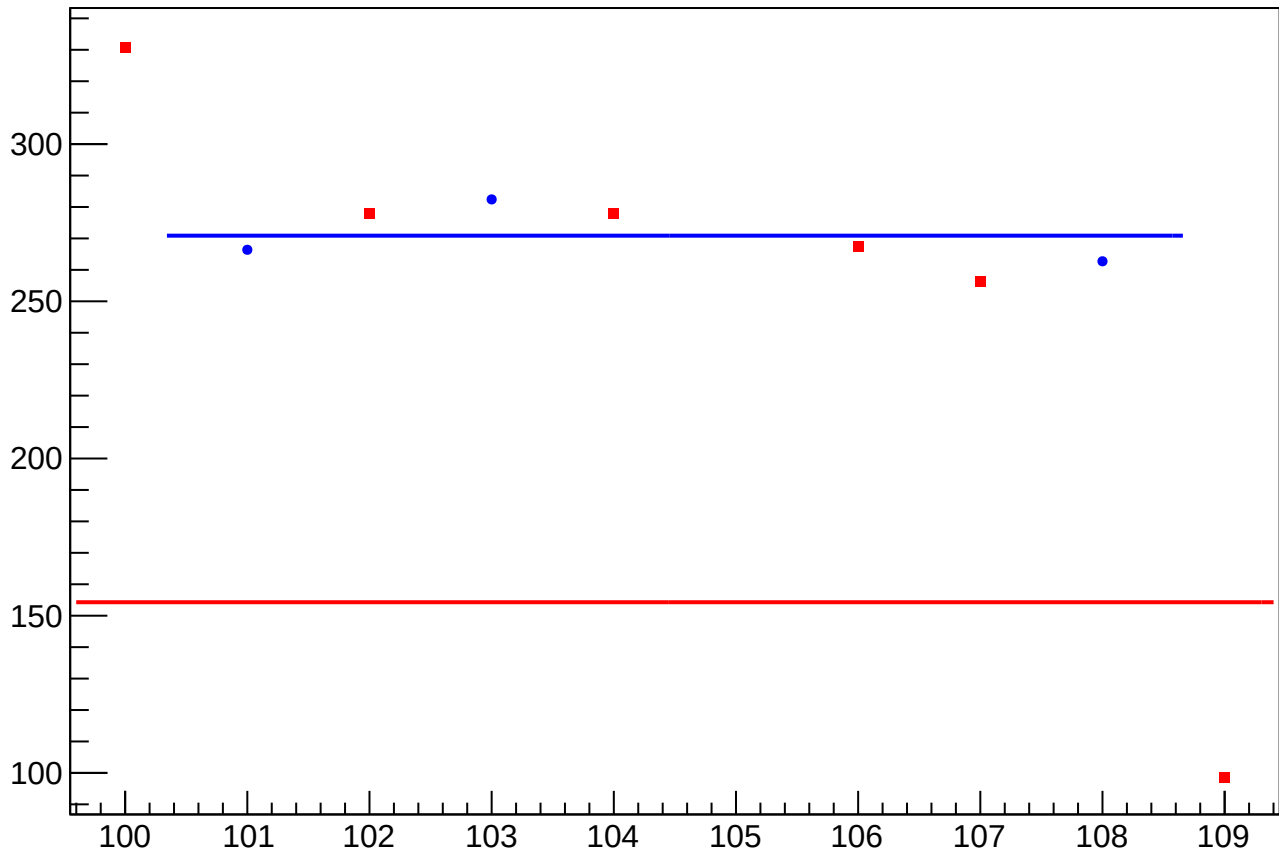
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.204 $\pm$ 101.168 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_rms vs Slug



Right In: 270.880 $\pm$ 0.149 χ^2 /NDF: 3140.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.287 $\pm$ 0.081 χ^2 /NDF: 1013899.3/5

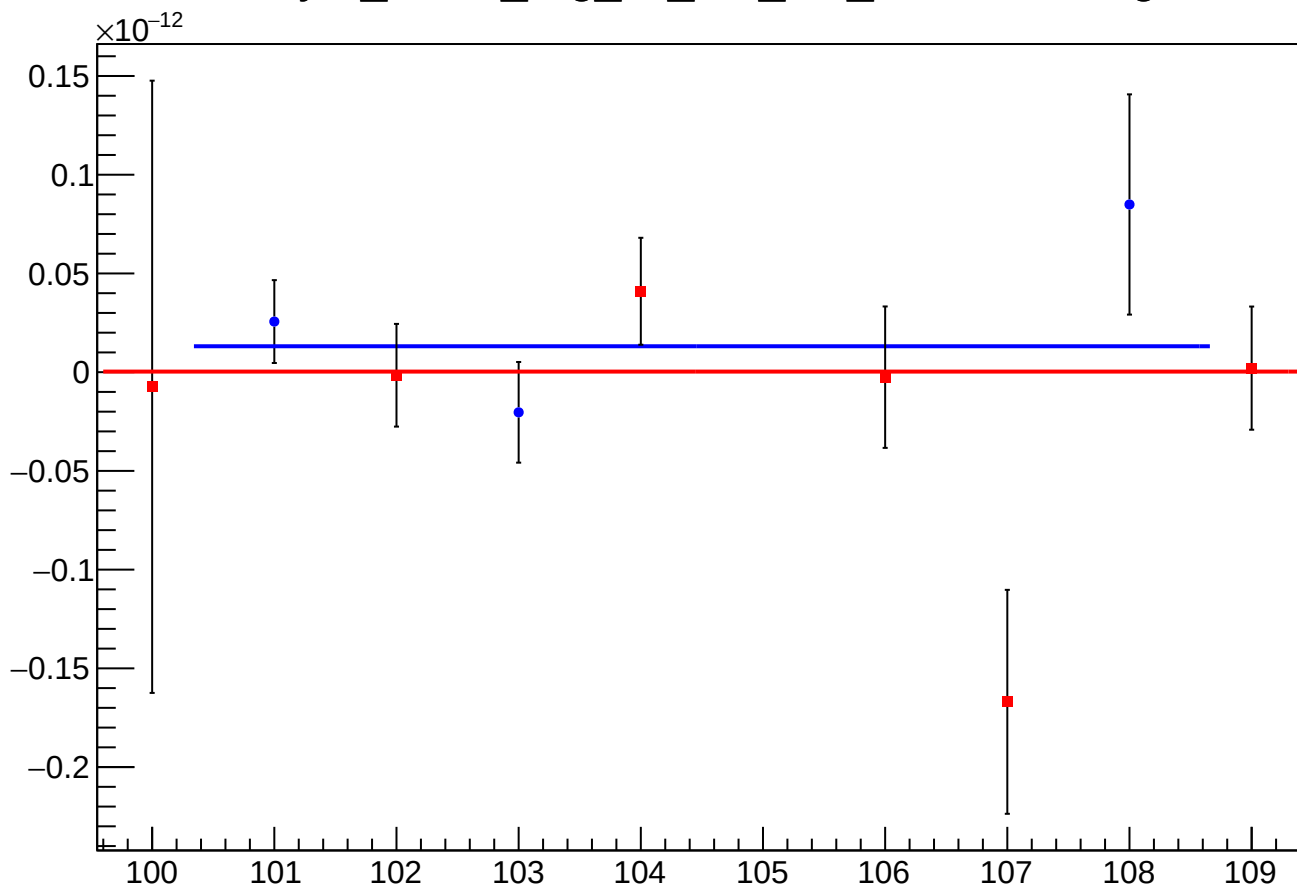
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.003 $\pm$ 0.072 χ^2 /NDF: 1486251.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/5

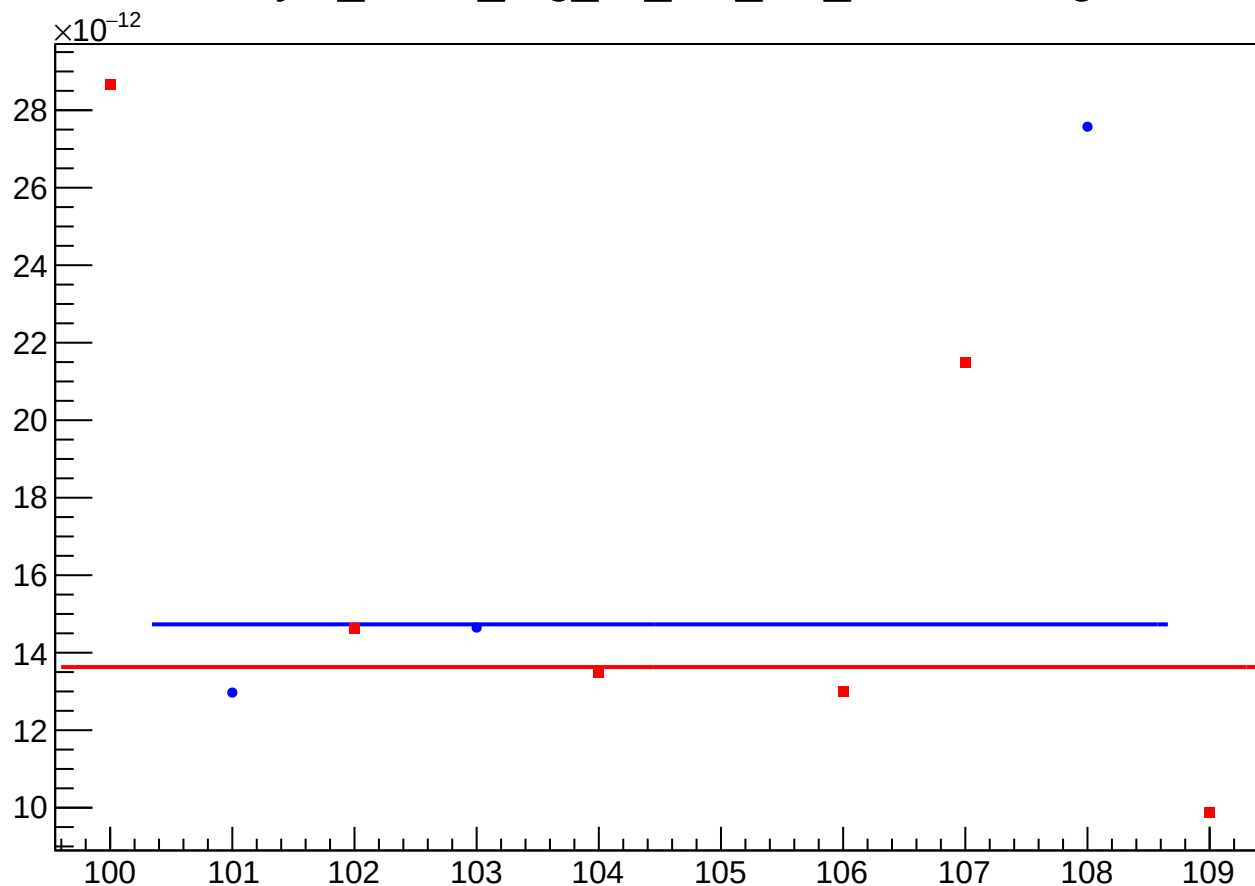
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 120159.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 90002.5/5

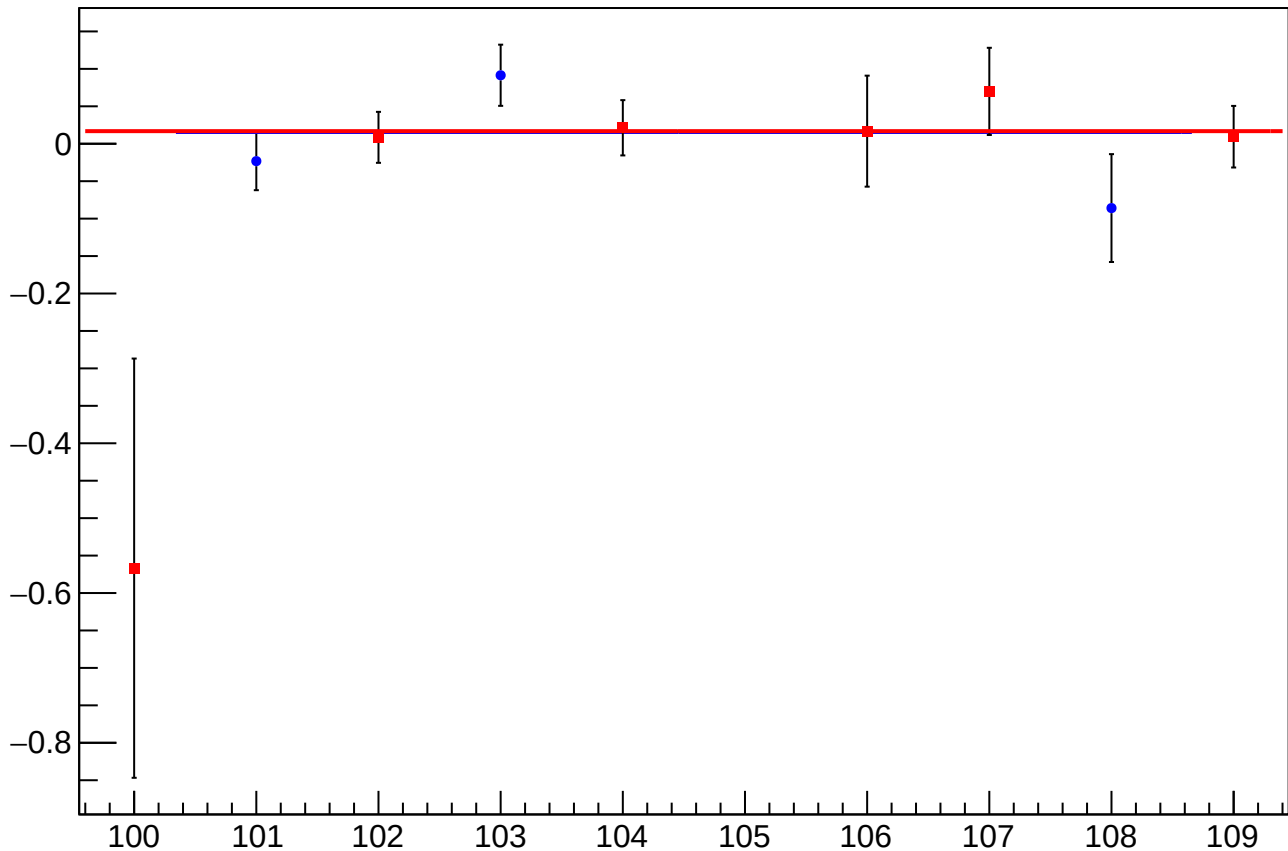
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 215654.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.026 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.019 χ^2 /NDF: 5.3/5

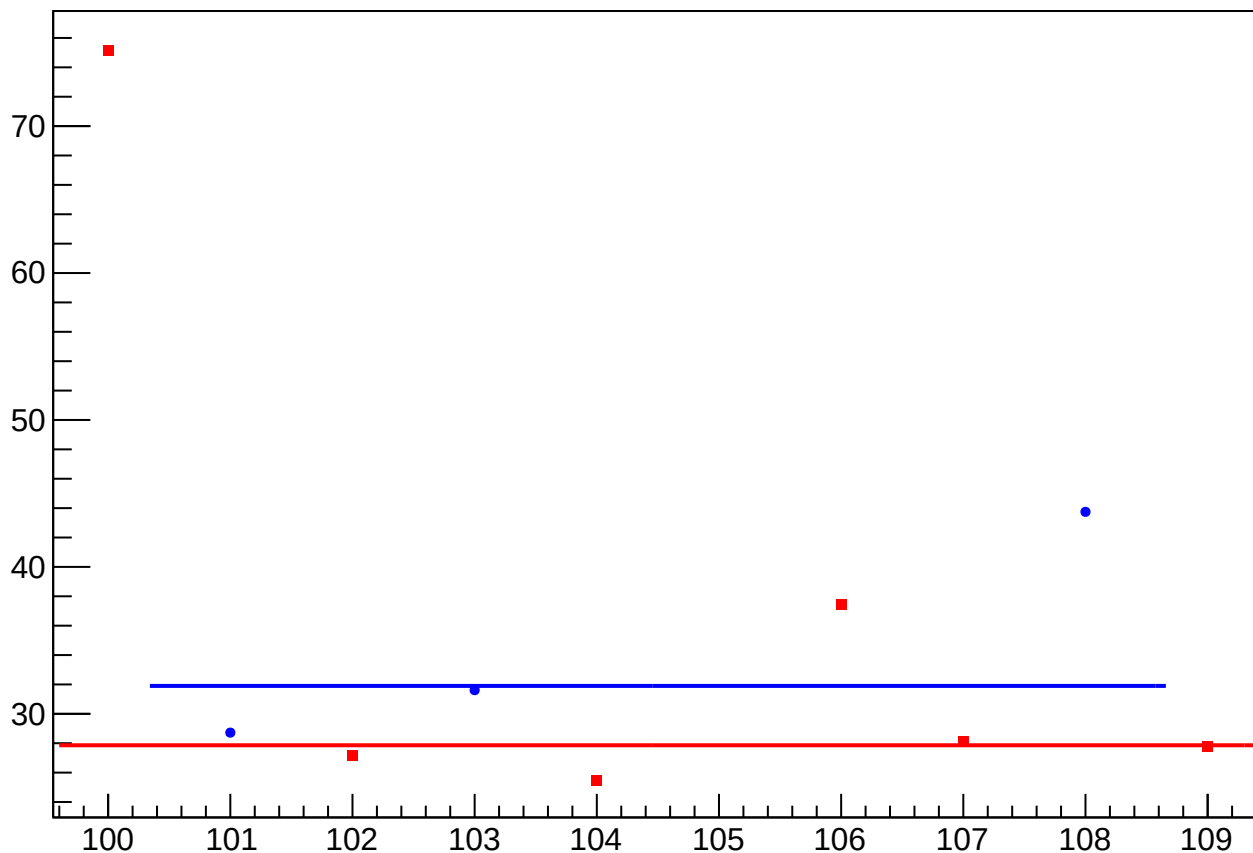
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.016 χ^2 /NDF: 11.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 31.901 $\pm$ 0.019 χ^2 /NDF: 67621.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.861 $\pm$ 0.014 χ^2 /NDF: 99735.7/5

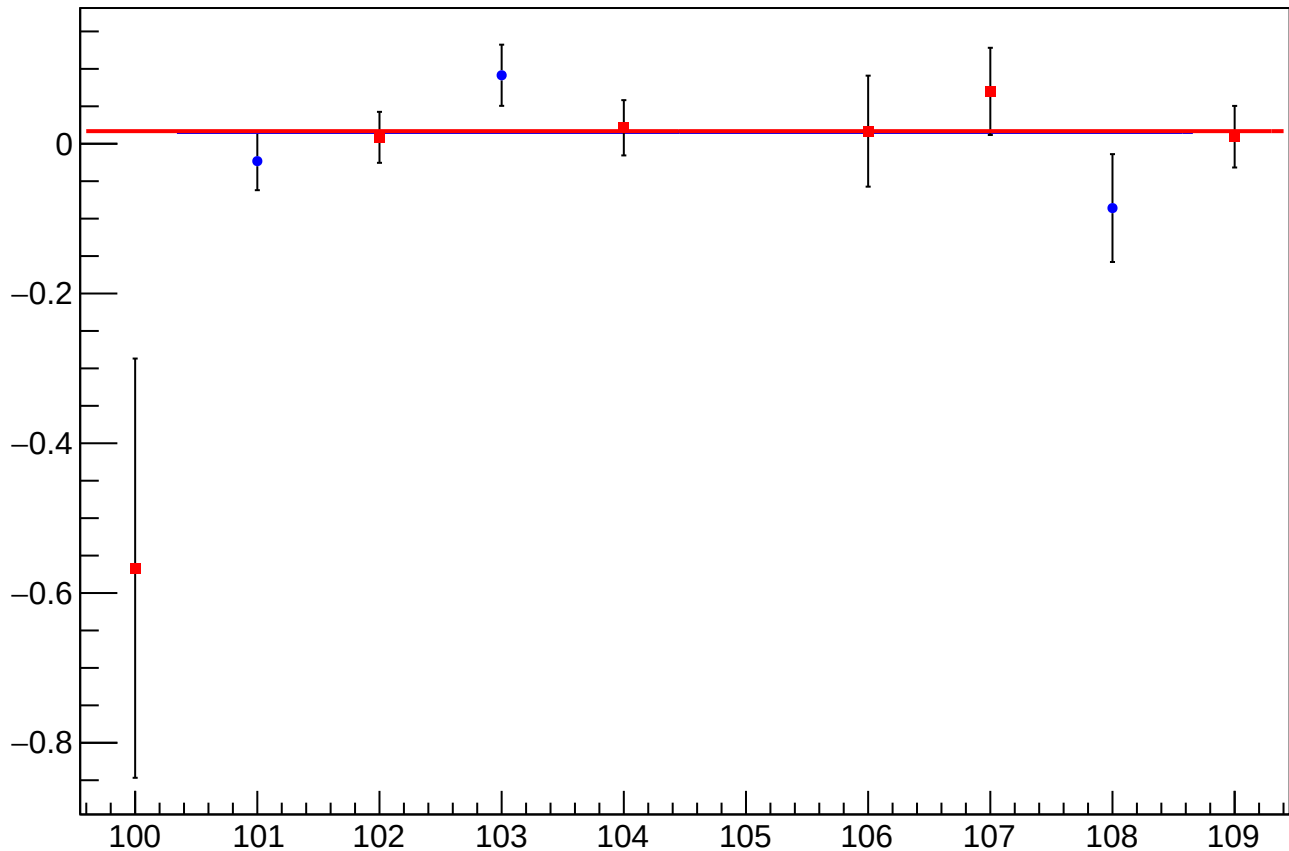
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.284 $\pm$ 0.011 χ^2 /NDF: 198132.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.026 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.019 χ^2 /NDF: 5.3/5

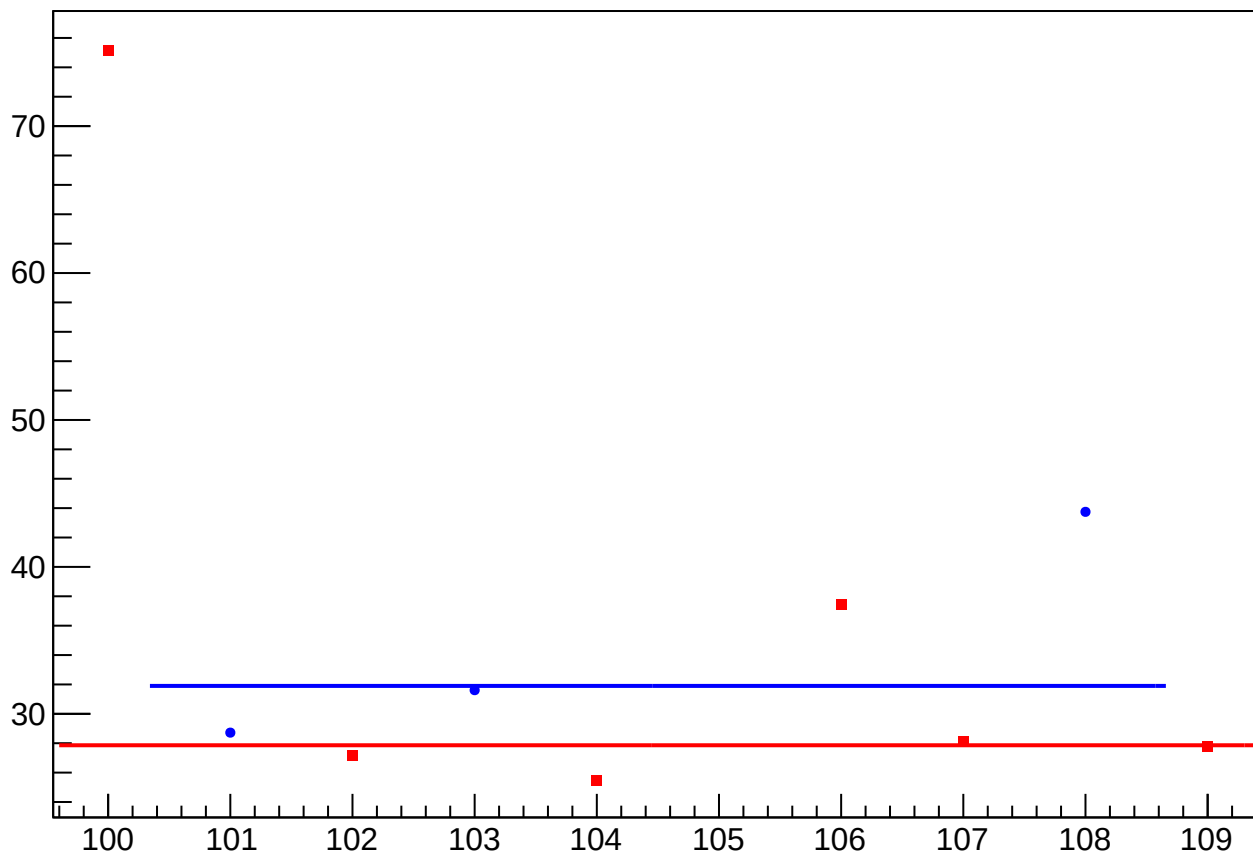
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.016 χ^2 /NDF: 11.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.901 $\pm$ 0.019 χ^2 /NDF: 67621.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.861 $\pm$ 0.014 χ^2 /NDF: 99735.7/5

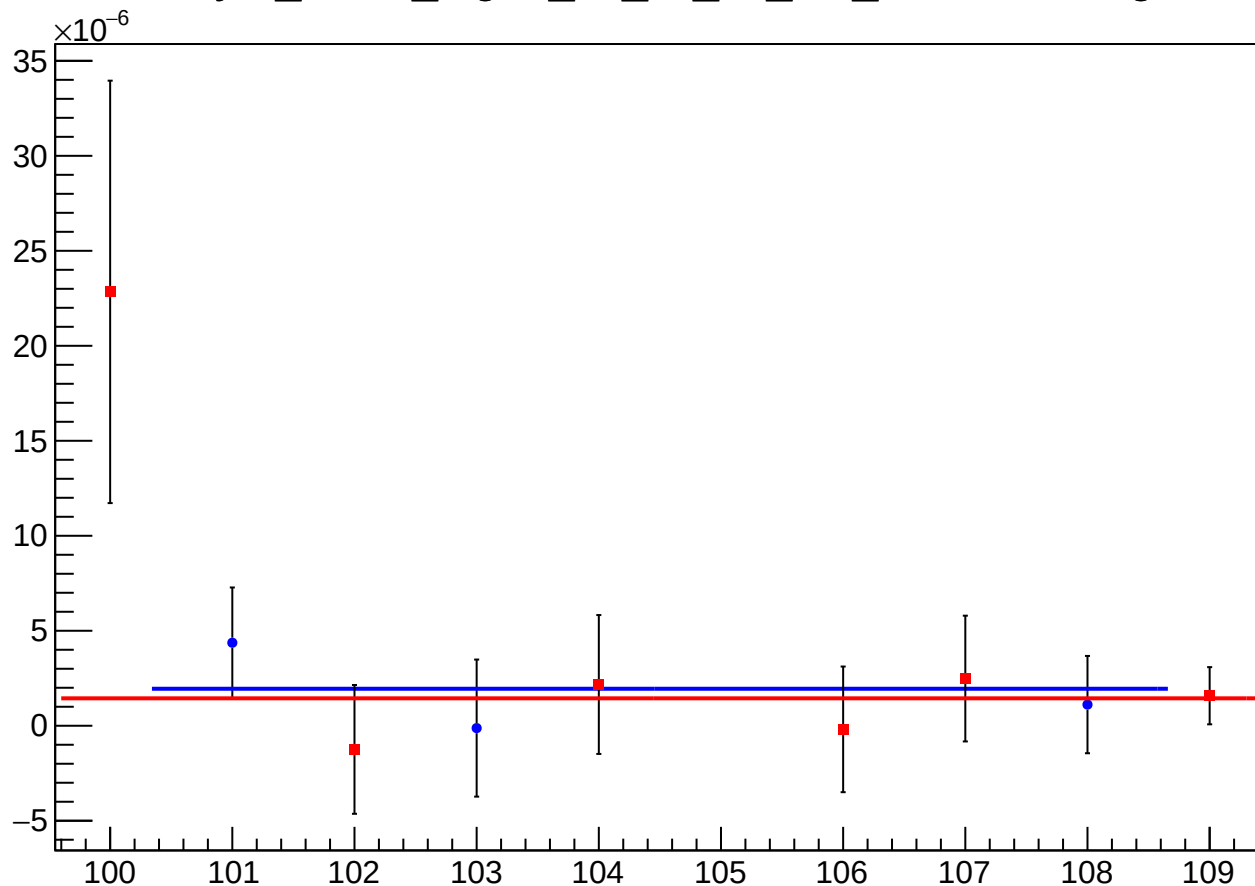
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.284 $\pm$ 0.011 χ^2 /NDF: 198132.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/5

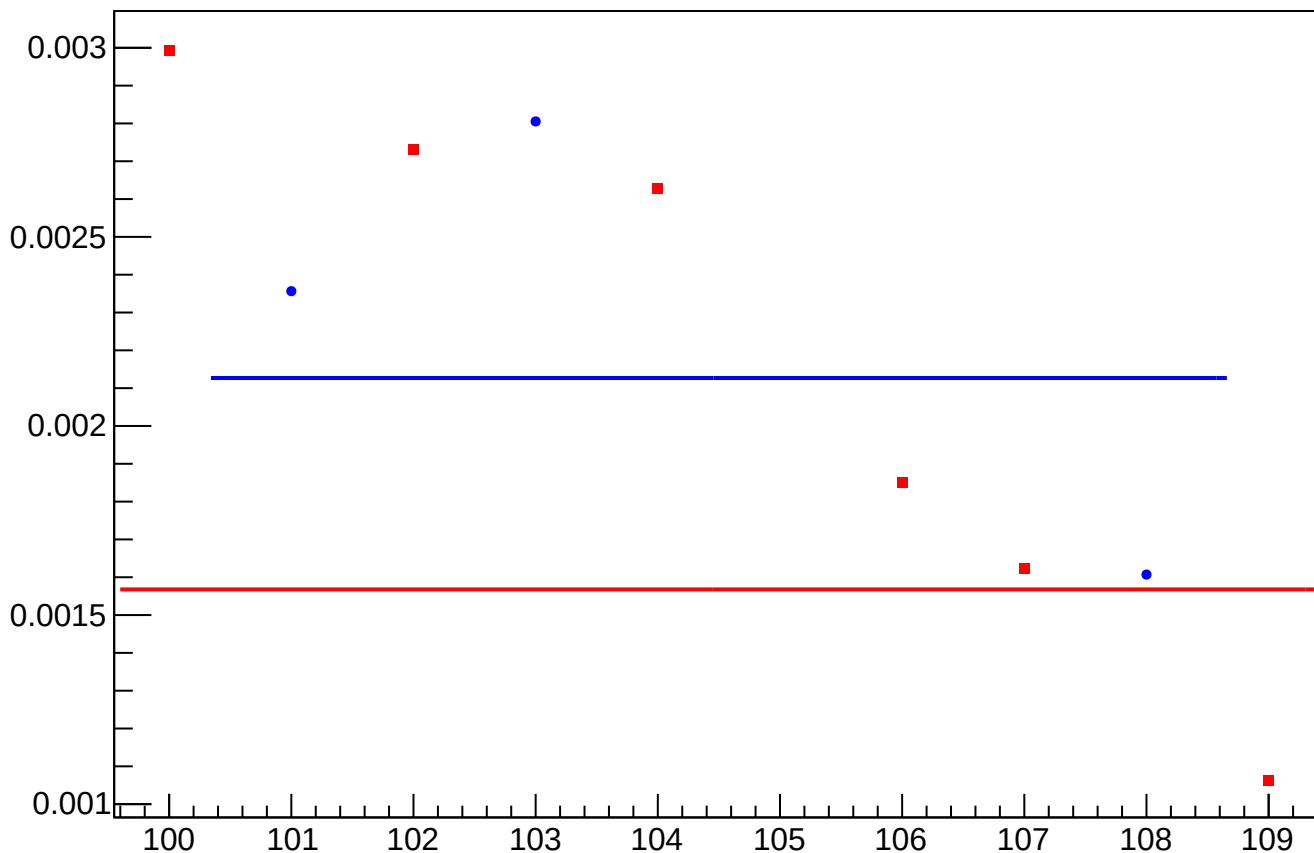
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 165579.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 676666.2/5

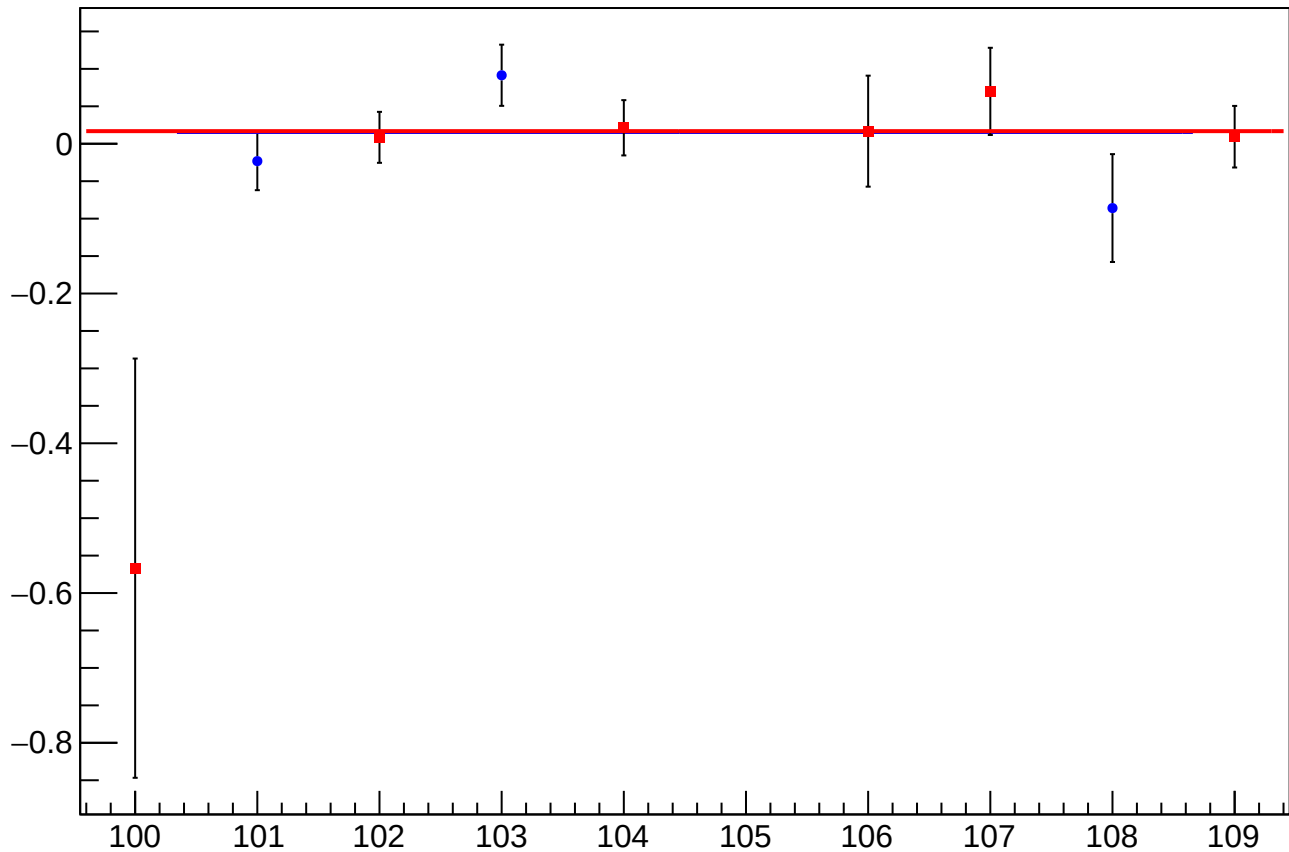
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 993320.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.026 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.019 χ^2 /NDF: 5.3/5

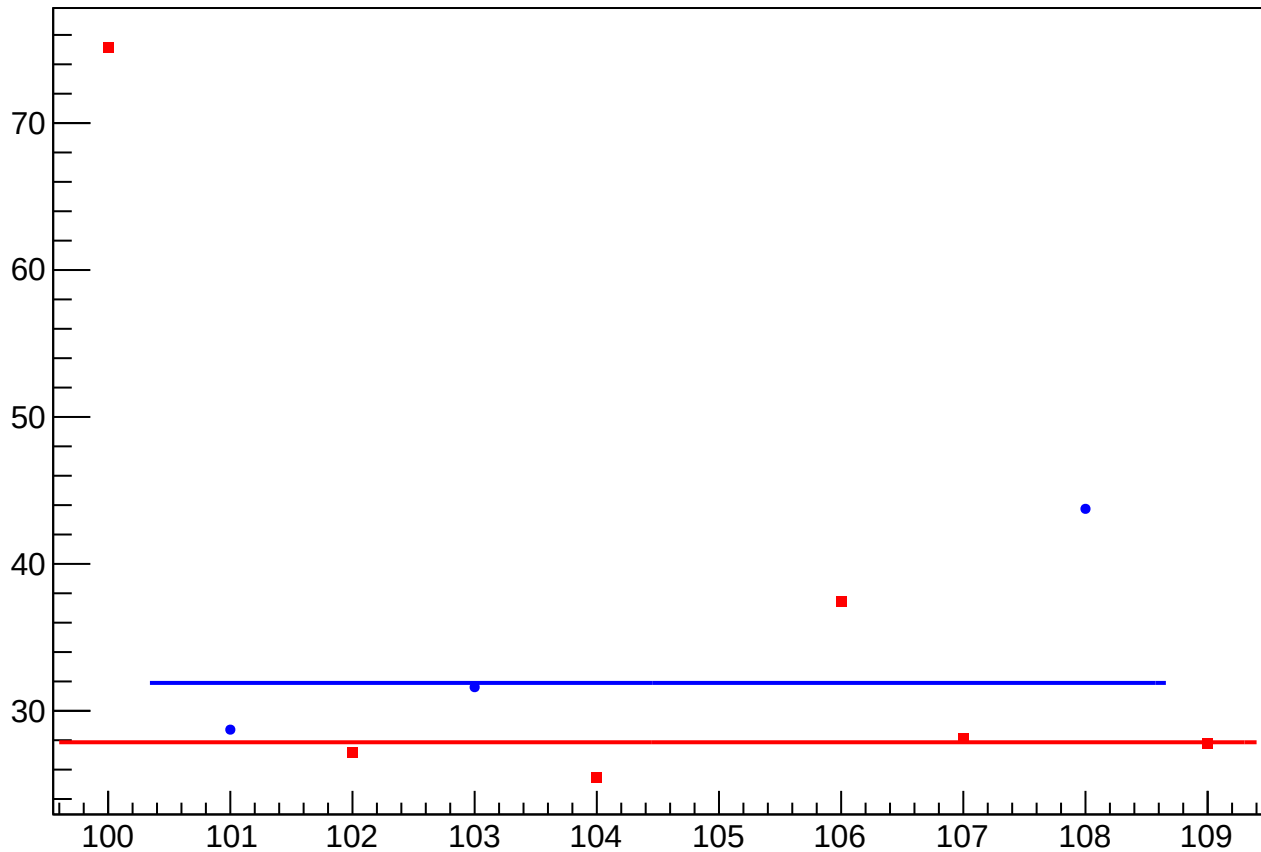
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.016 χ^2 /NDF: 11.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 31.901 $\pm$ 0.019 χ^2 /NDF: 67623.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.861 $\pm$ 0.014 χ^2 /NDF: 99733.6/5

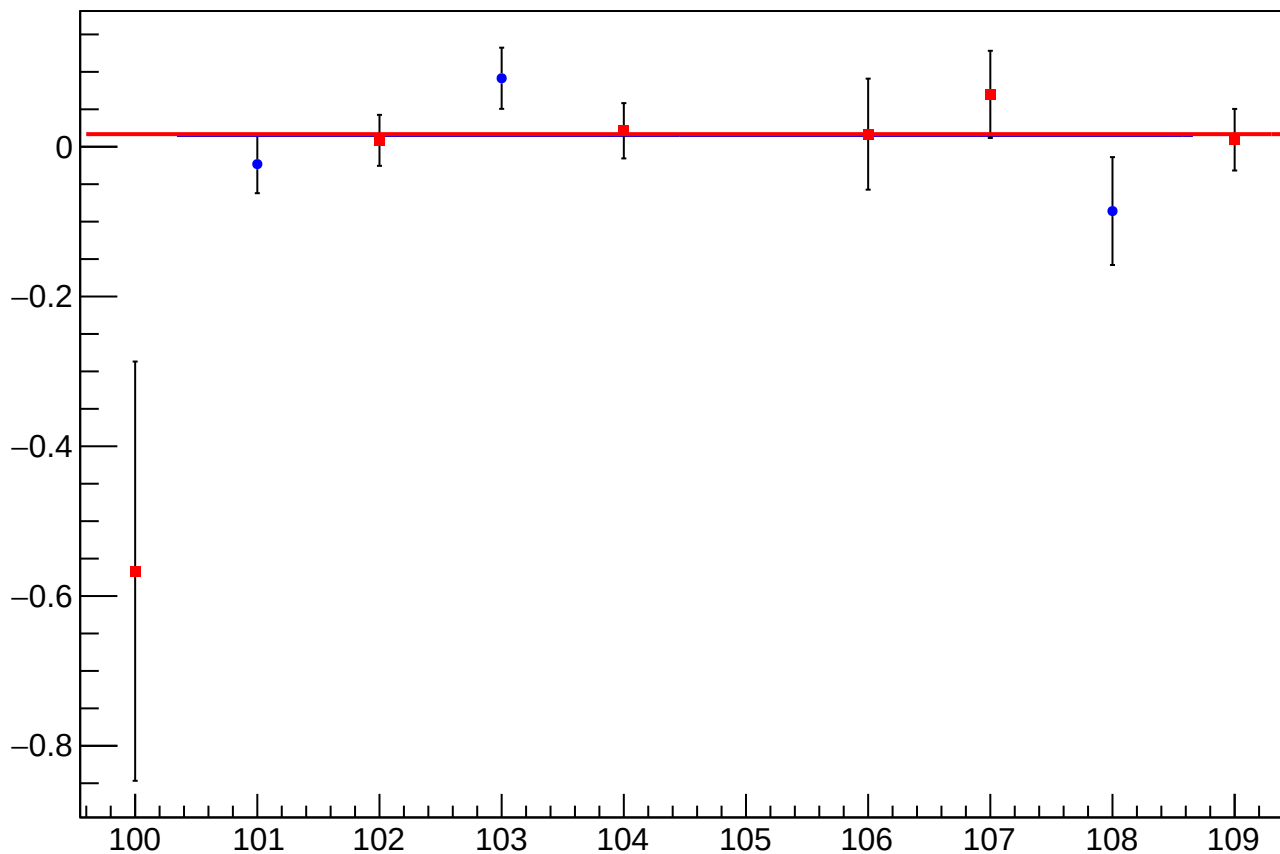
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.284 $\pm$ 0.011 χ^2 /NDF: 198131.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.026 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.019 χ^2 /NDF: 5.3/5

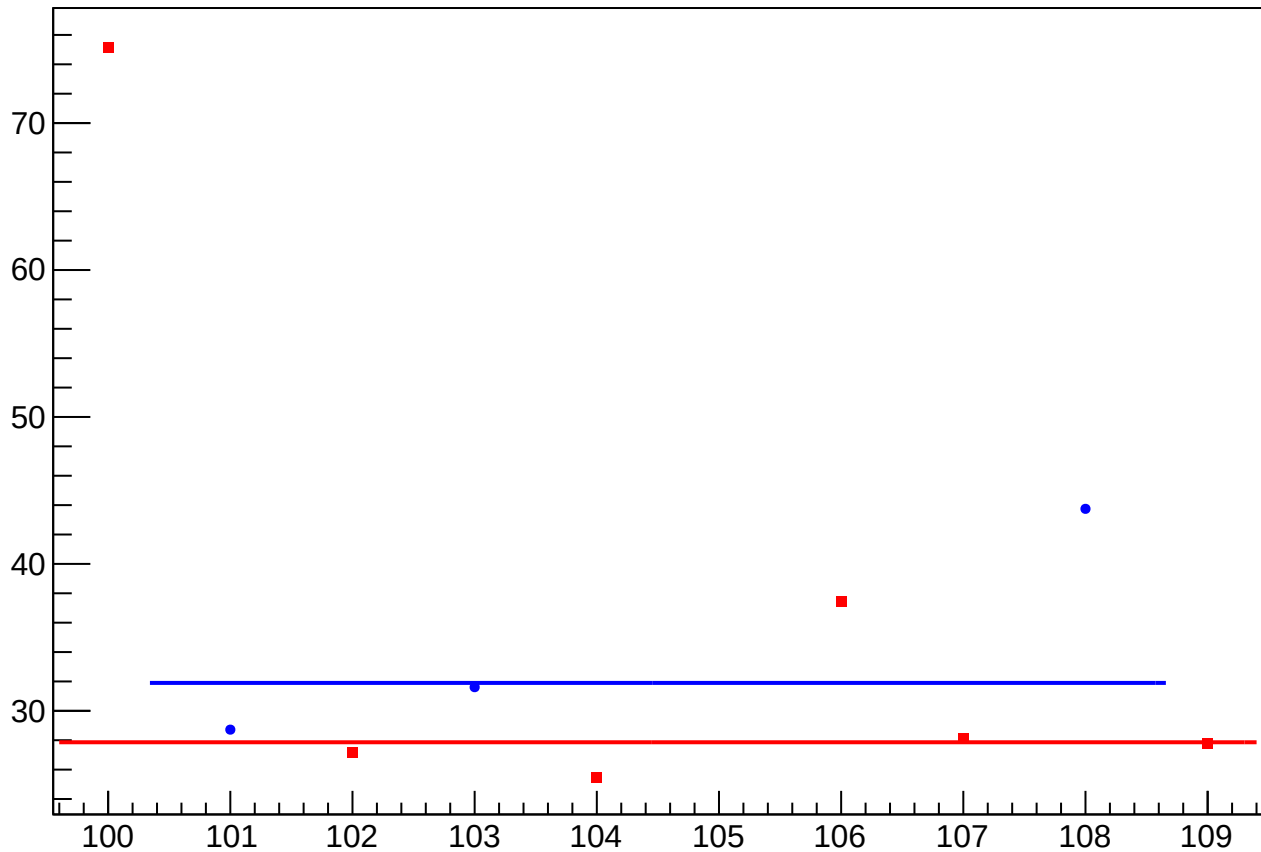
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.016 χ^2 /NDF: 11.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.901 $\pm$ 0.019 χ^2 /NDF: 67623.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.861 $\pm$ 0.014 χ^2 /NDF: 99733.6/5

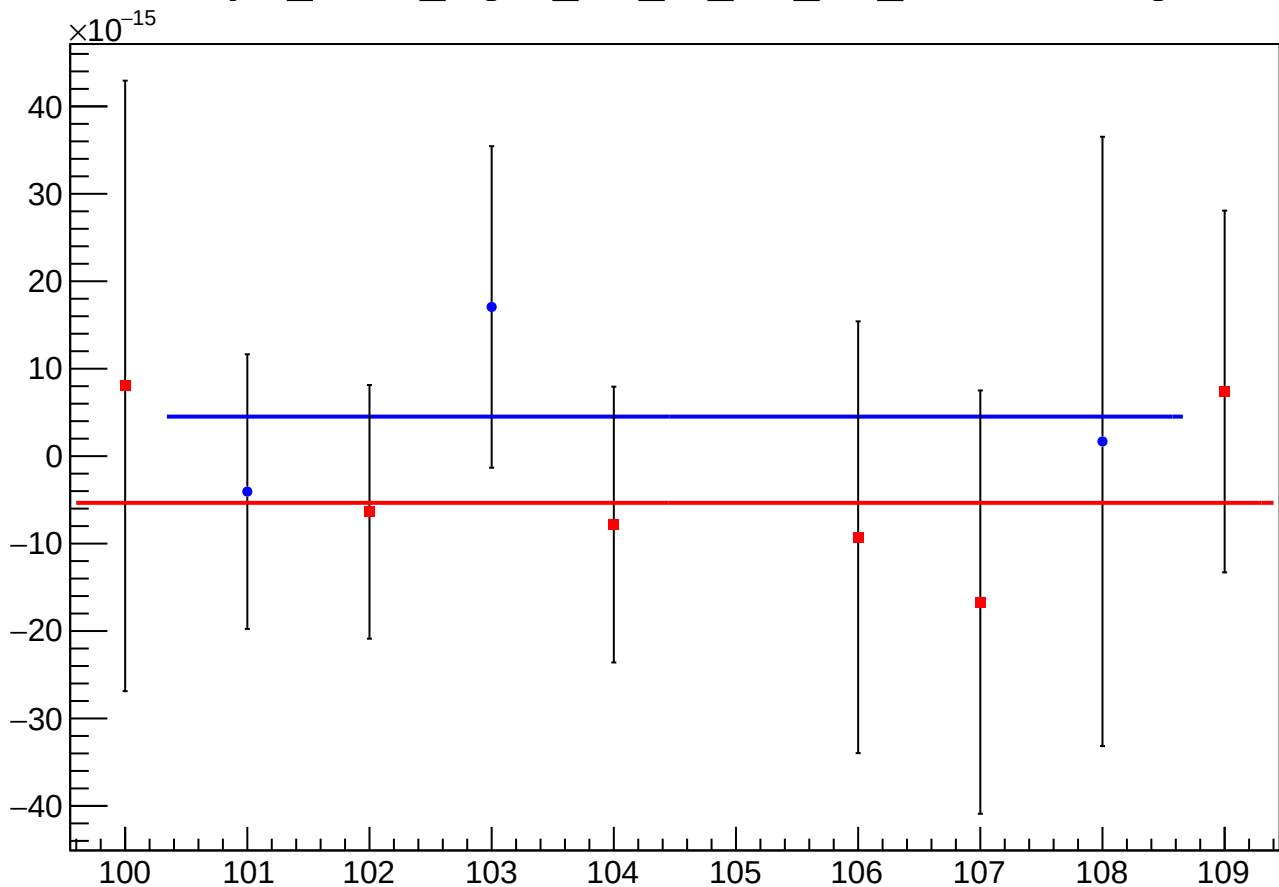
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.284 $\pm$ 0.011 χ^2 /NDF: 198131.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.8/5

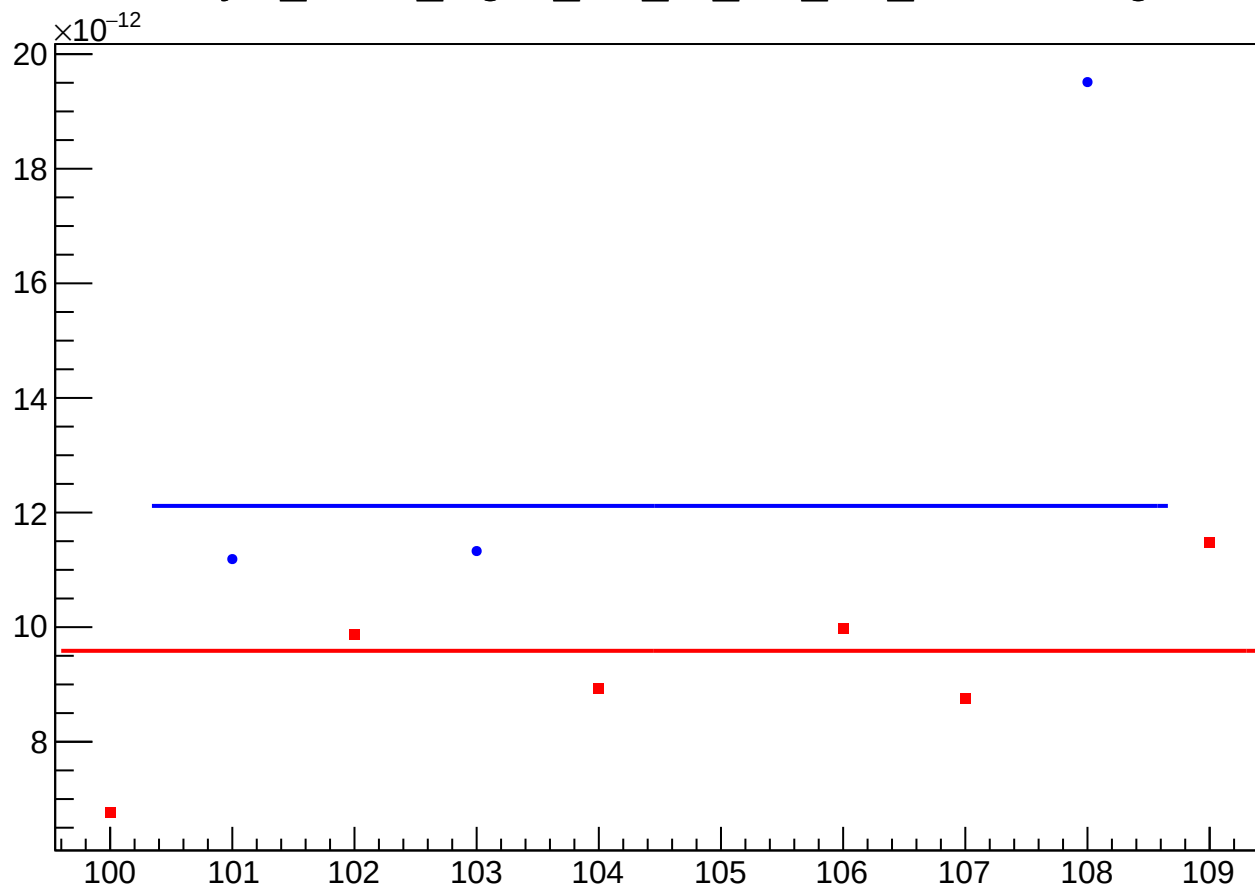
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 100768.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 36966.9/5

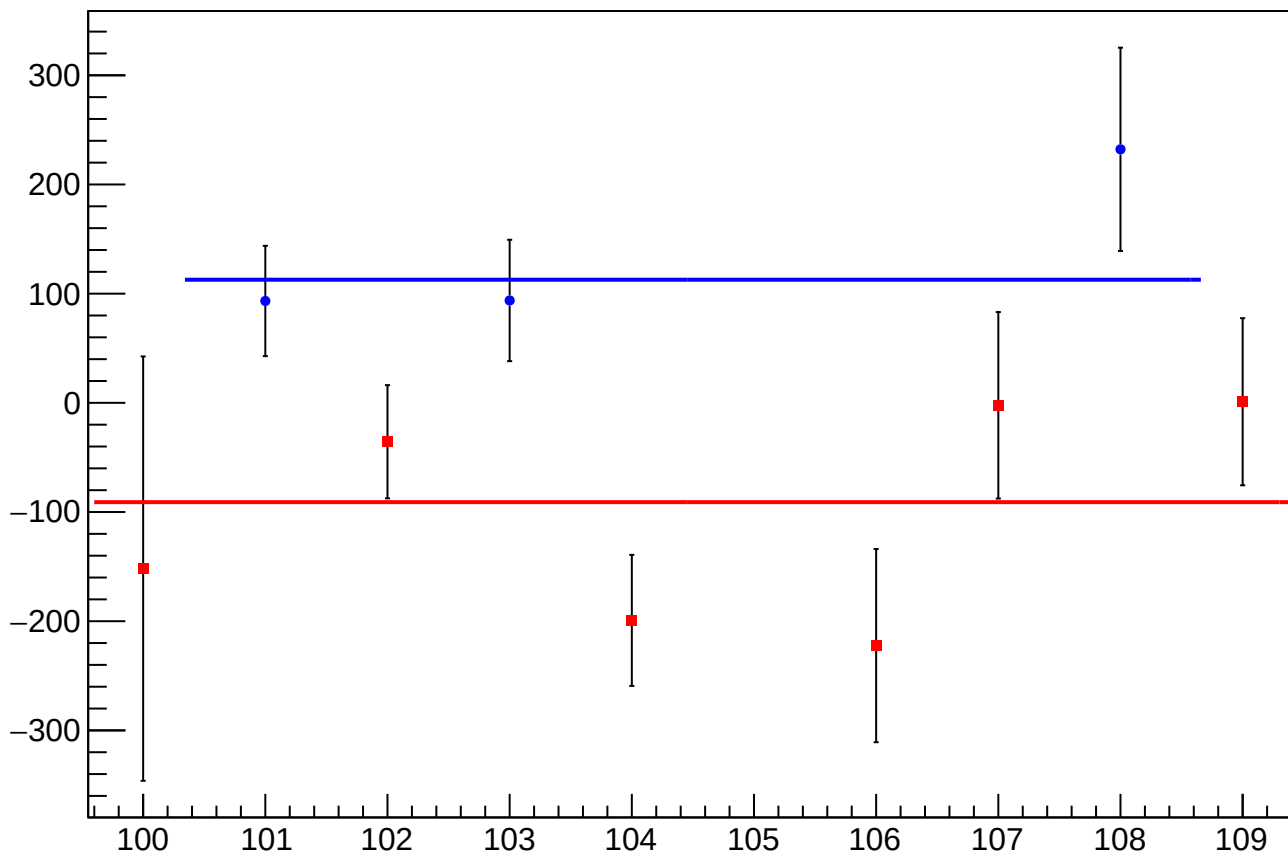
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 203983.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 112.775 $\pm$ 34.694 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.962 $\pm$ 29.990 χ^2 /NDF: 9.2/5

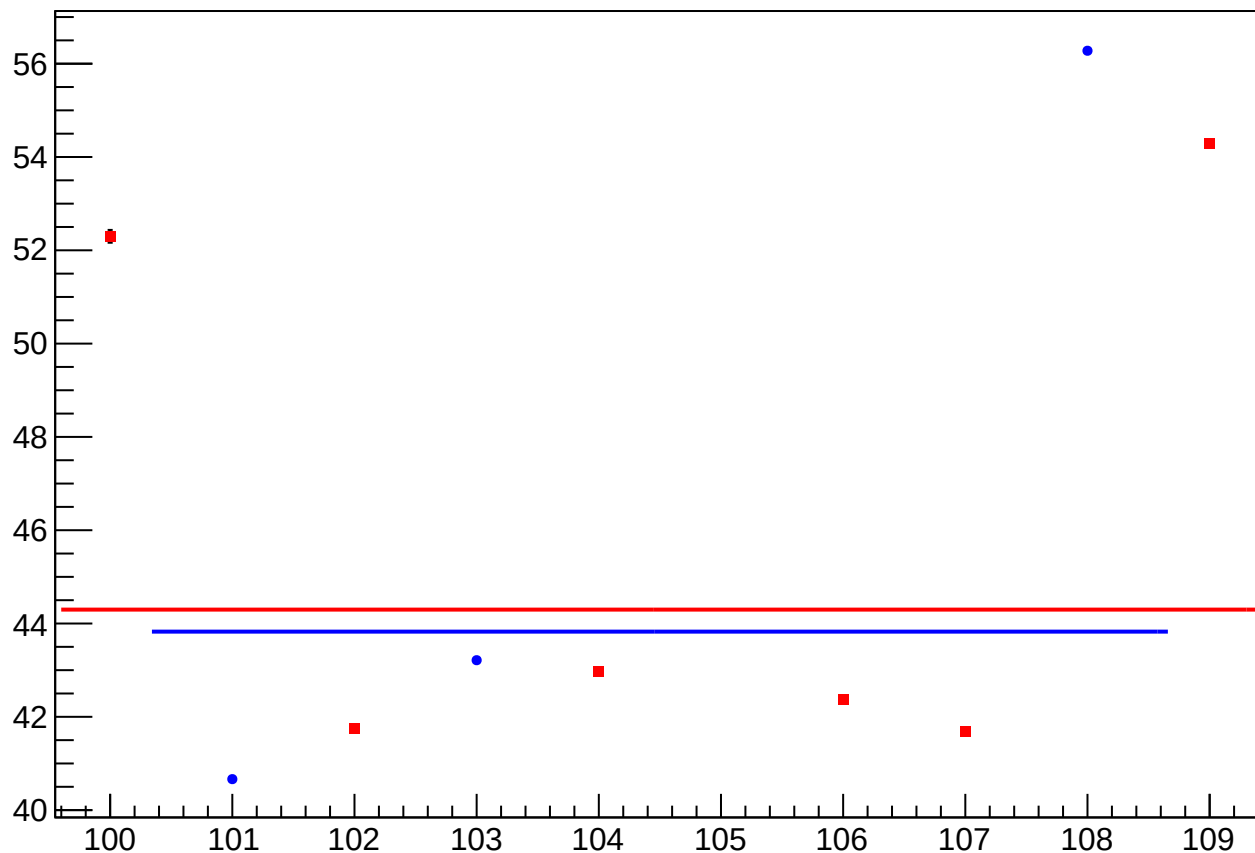
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.831 $\pm$ 22.689 χ^2 /NDF: 30.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_rms vs Slug



Right In: 43.826+/-0.025 χ^2/NDF : 43864.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.298+/-0.021 χ^2/NDF : 46110.5/5

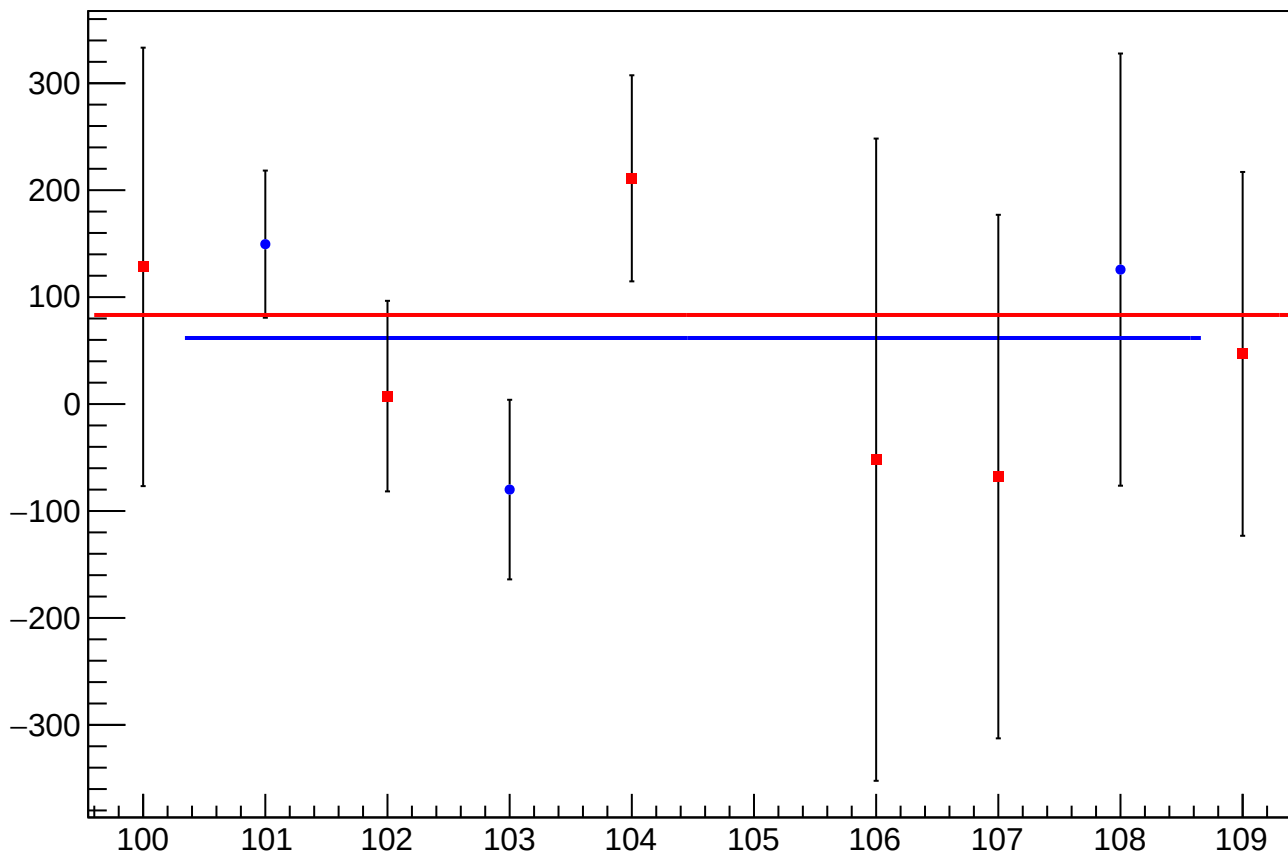
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.096+/-0.016 χ^2/NDF : 90186.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 61.779 $\pm$ 51.461 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 83.300 $\pm$ 55.918 χ^2 /NDF: 3.2/5

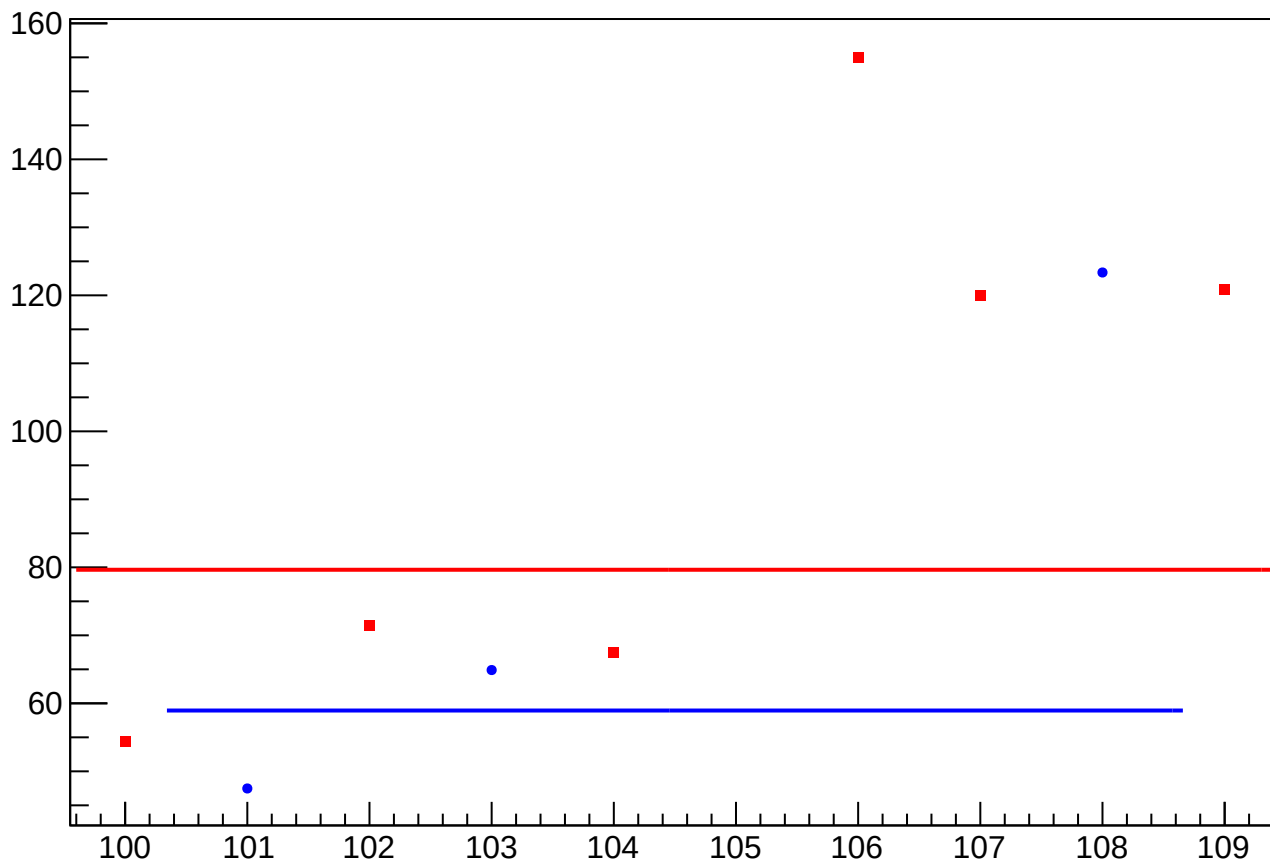
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.648 $\pm$ 37.866 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 58.943+/-0.036 χ^2/NDF : 268836.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.643+/-0.040 χ^2/NDF : 376886.8/5

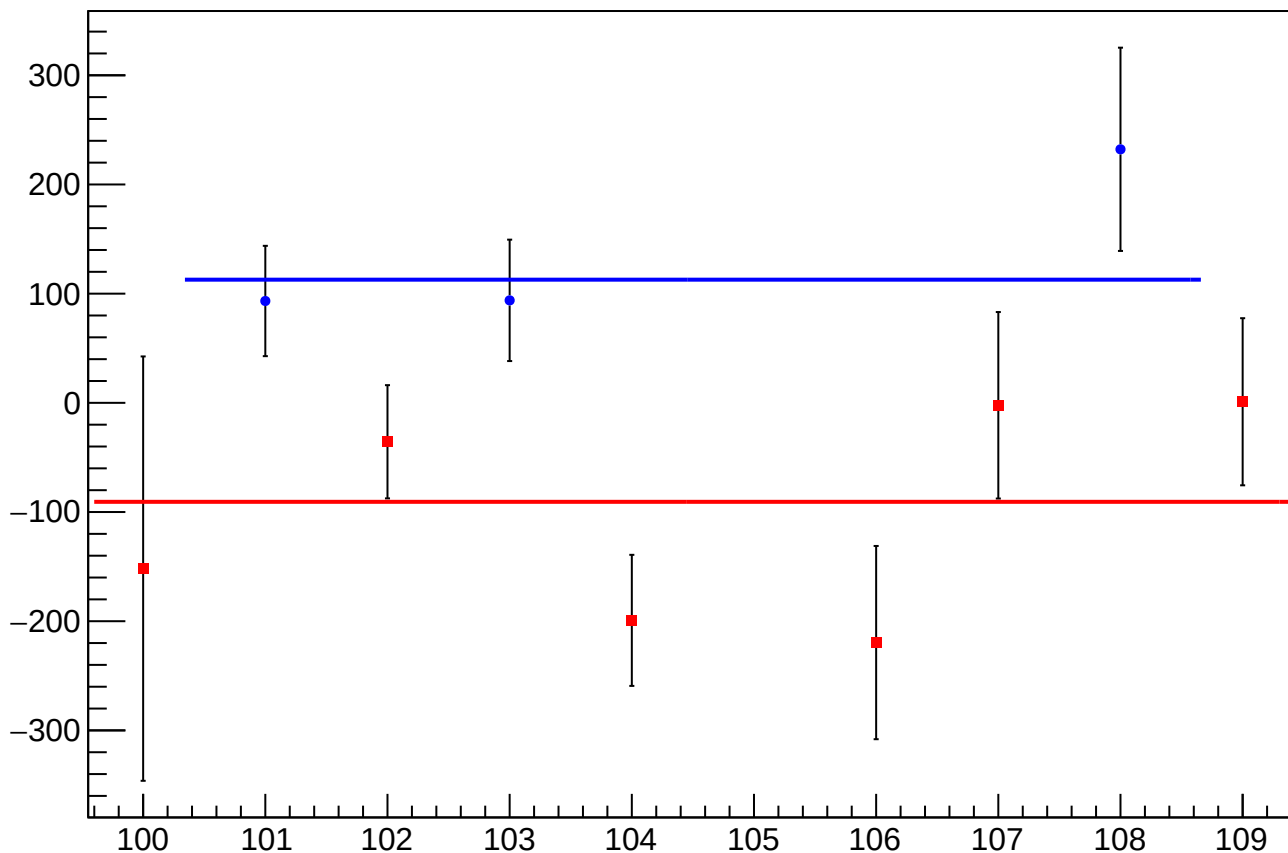
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.436+/-0.027 χ^2/NDF : 794119.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 112.809 $\pm$ 34.694 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -90.654 $\pm$ 29.995 χ^2 /NDF: 9.1/5

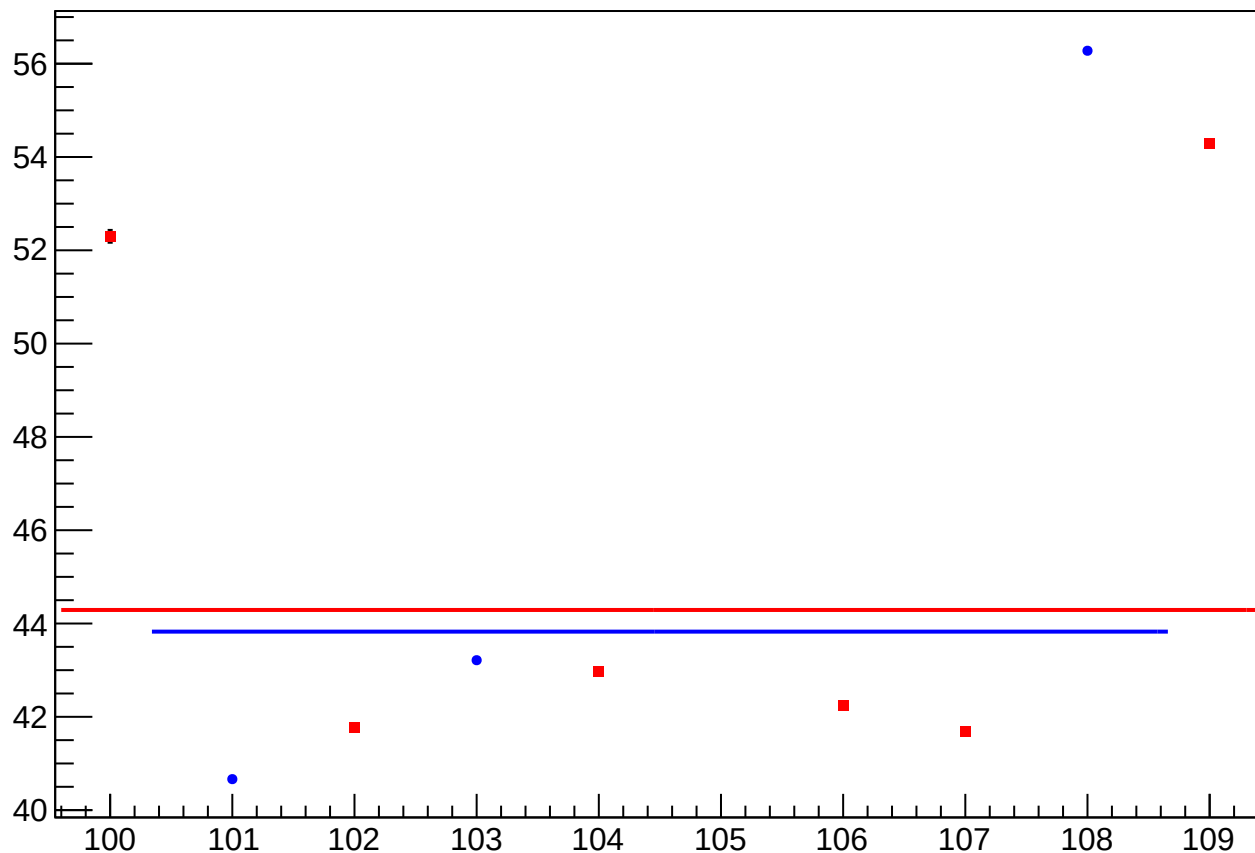
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.624 $\pm$ 22.691 χ^2 /NDF: 30.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 43.826+/-0.025 χ^2/NDF : 43864.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.290+/-0.021 χ^2/NDF : 46169.2/5

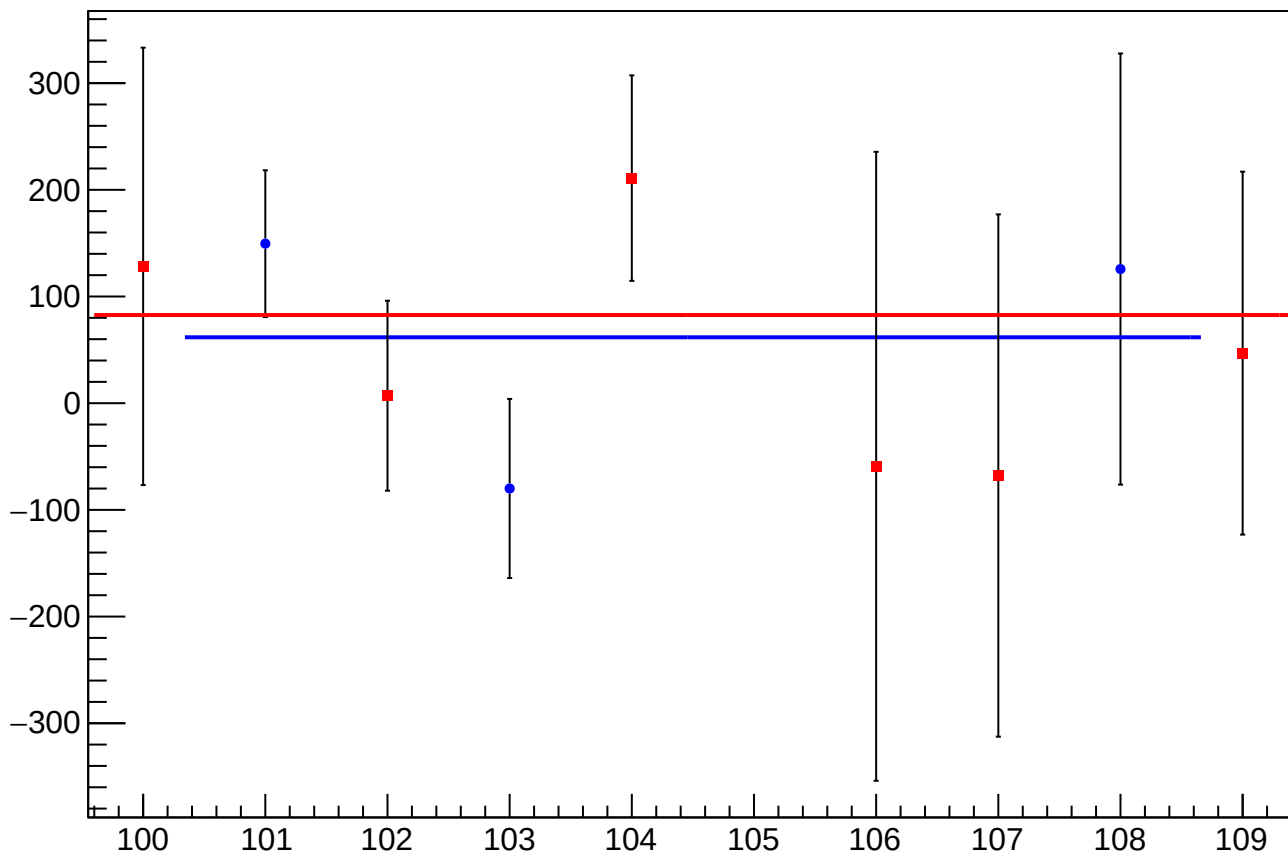
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.092+/-0.016 χ^2/NDF : 90238.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_mean vs Slug



Right In: 61.782 $\pm$ 51.460 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.634 $\pm$ 55.859 χ^2 /NDF: 3.2/5

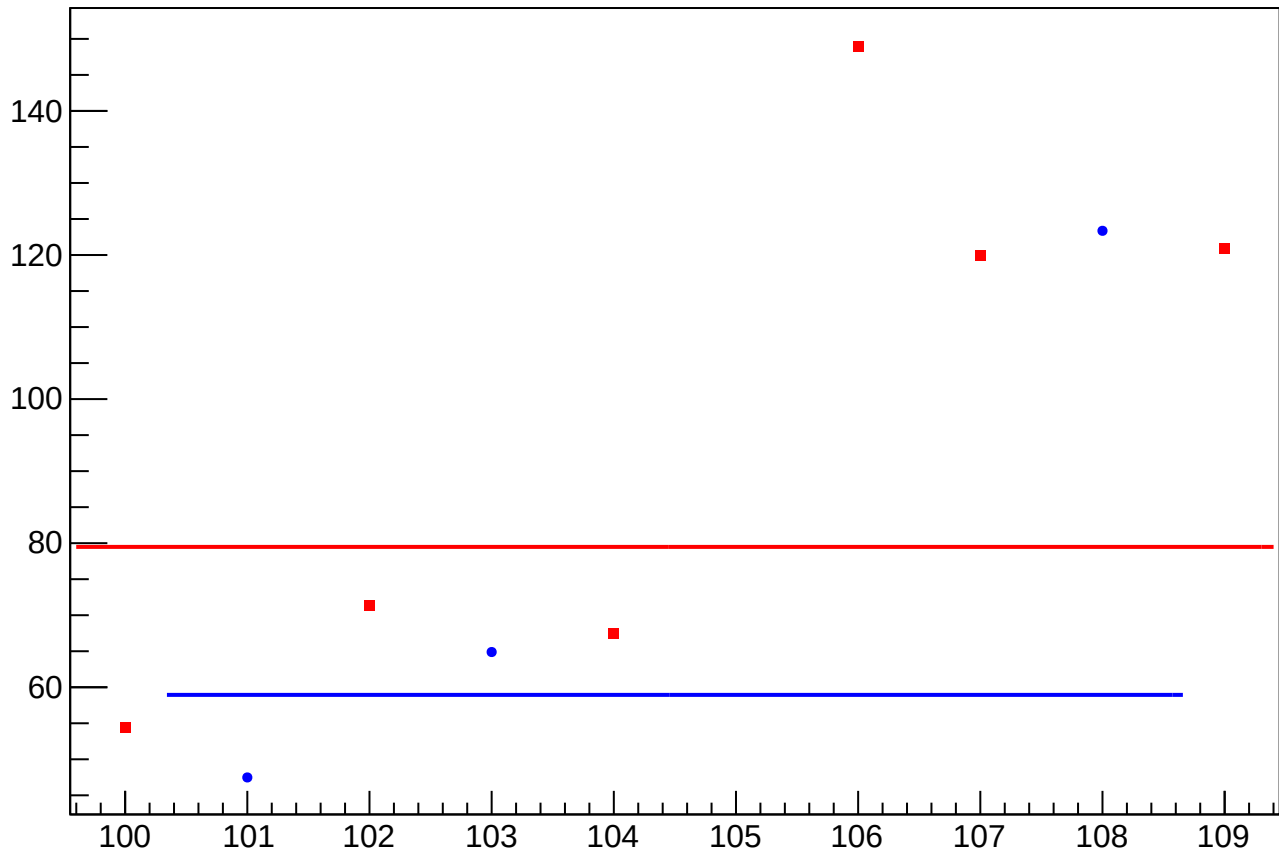
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.355 $\pm$ 37.848 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 58.942 $\pm$ 0.036 χ^2 /NDF: 268818.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.483 $\pm$ 0.039 χ^2 /NDF: 361896.1/5

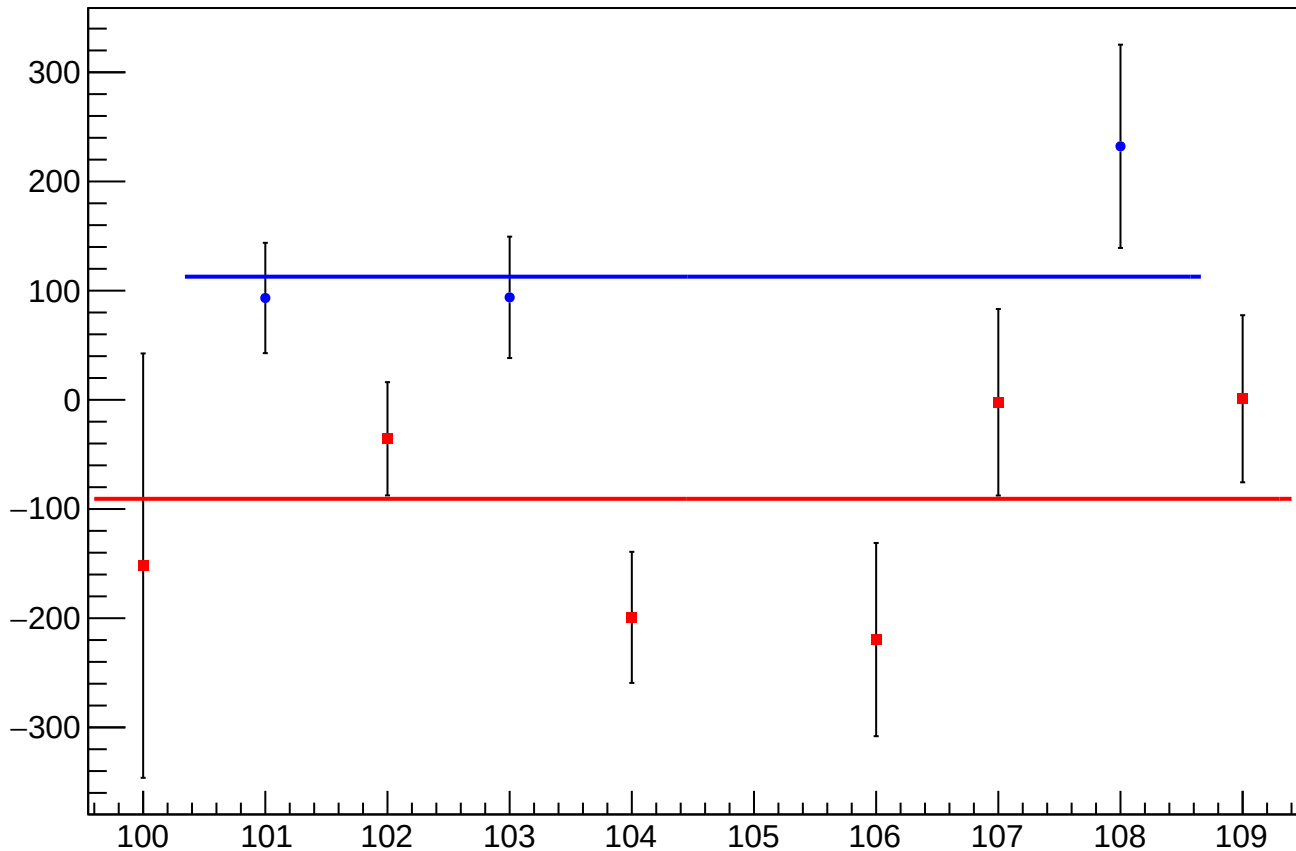
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.372 $\pm$ 0.027 χ^2 /NDF: 777013.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 112.809 $\pm$ 34.694 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Right Out: -90.654 $\pm$ 29.995 χ^2 /NDF: 9.1/5

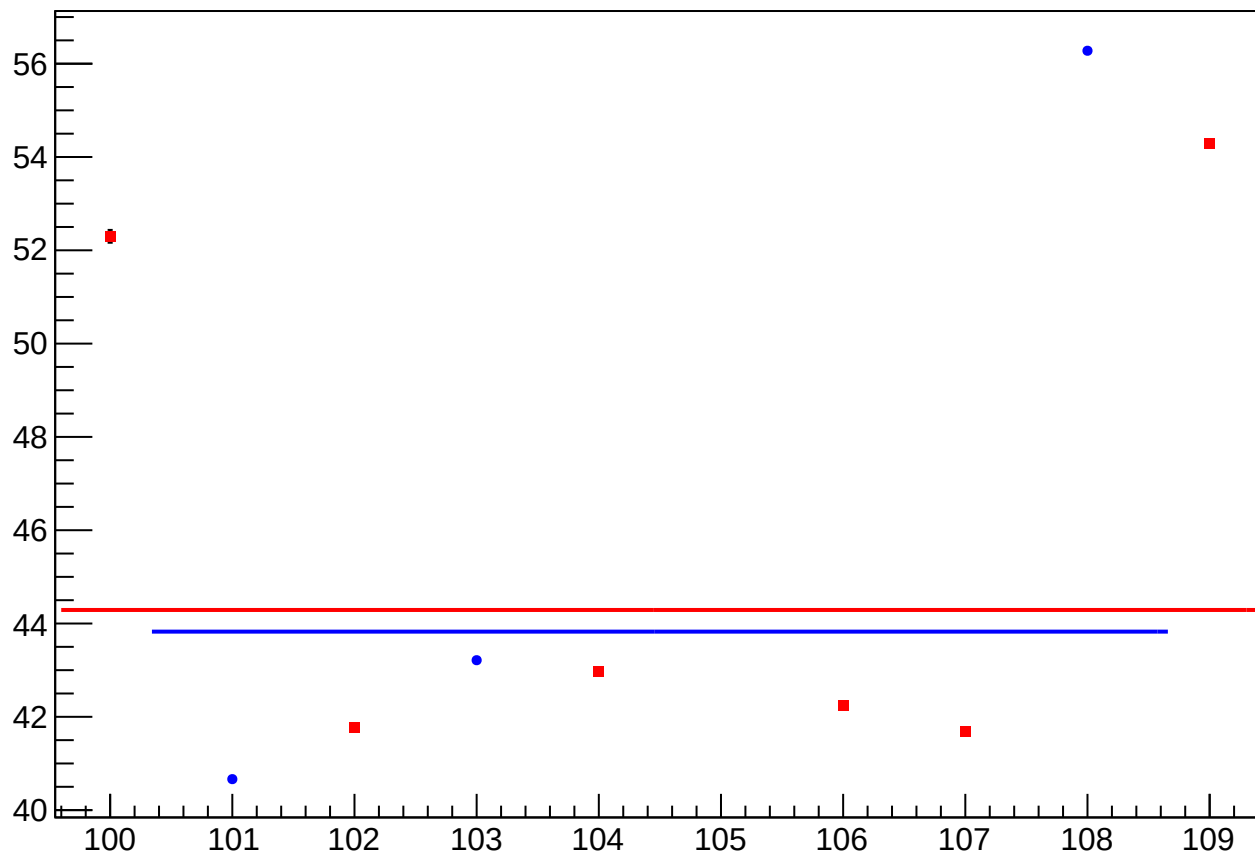
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

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

All: -3.624 $\pm$ 22.691 χ^2 /NDF: 30.7/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 43.826+/-0.025 χ^2/NDF : 43864.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.290+/-0.021 χ^2/NDF : 46169.2/5

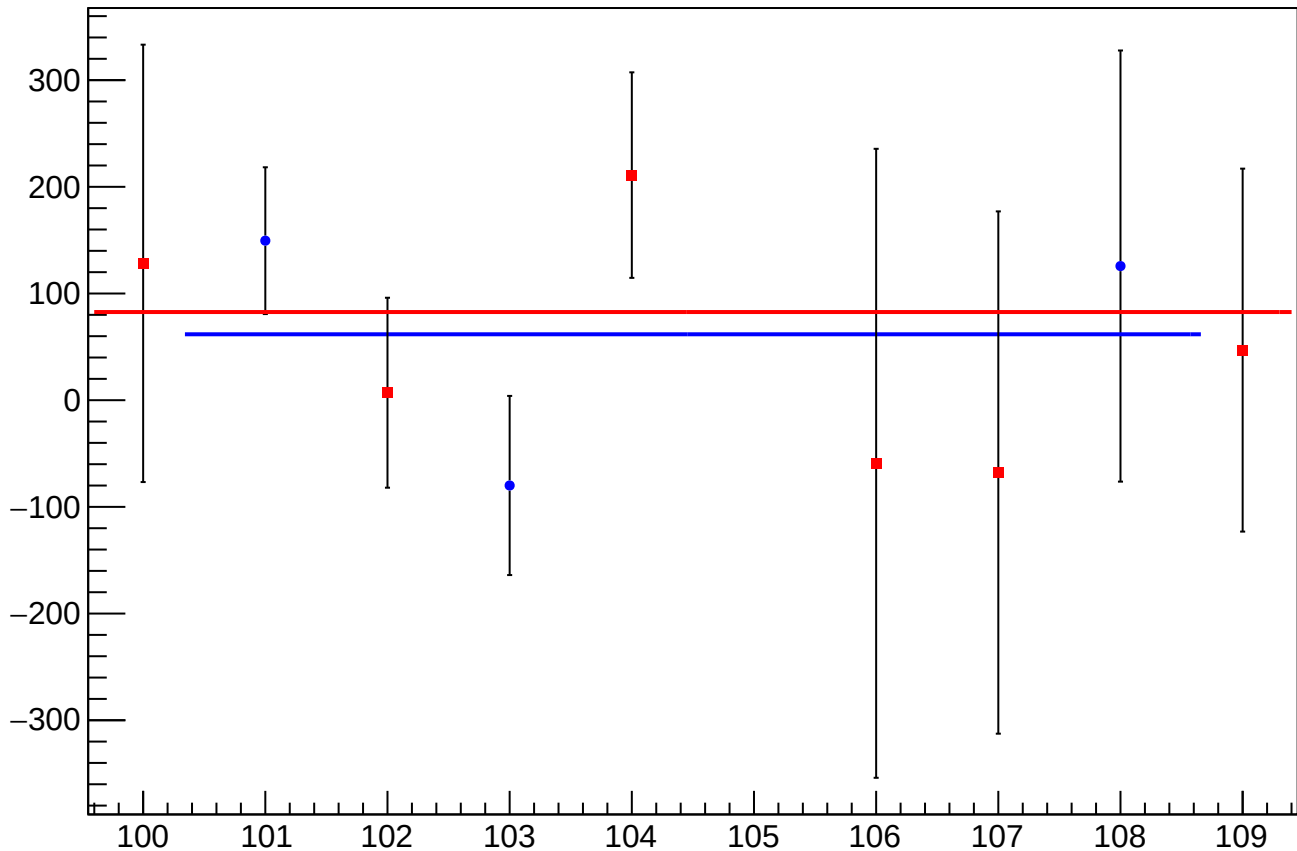
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.092+/-0.016 χ^2/NDF : 90238.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



Right In: 61.782 $\pm$ 51.460 χ^2 /NDF: 4.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.634 $\pm$ 55.859 χ^2 /NDF: 3.2/5

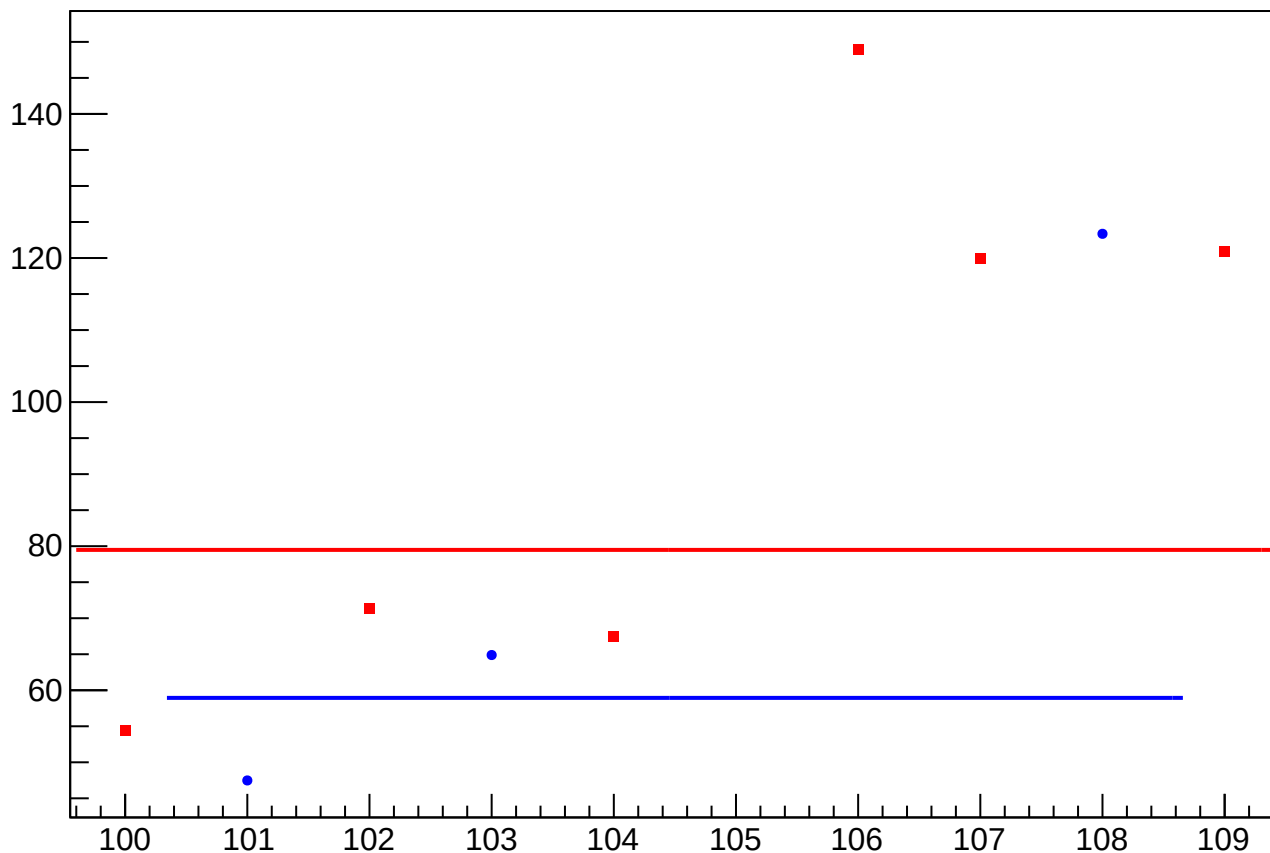
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 71.355 $\pm$ 37.848 χ^2 /NDF: 7.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



Right In: 58.942 $\pm$ 0.036 χ^2 /NDF: 268818.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 79.483 $\pm$ 0.039 χ^2 /NDF: 361896.1/5

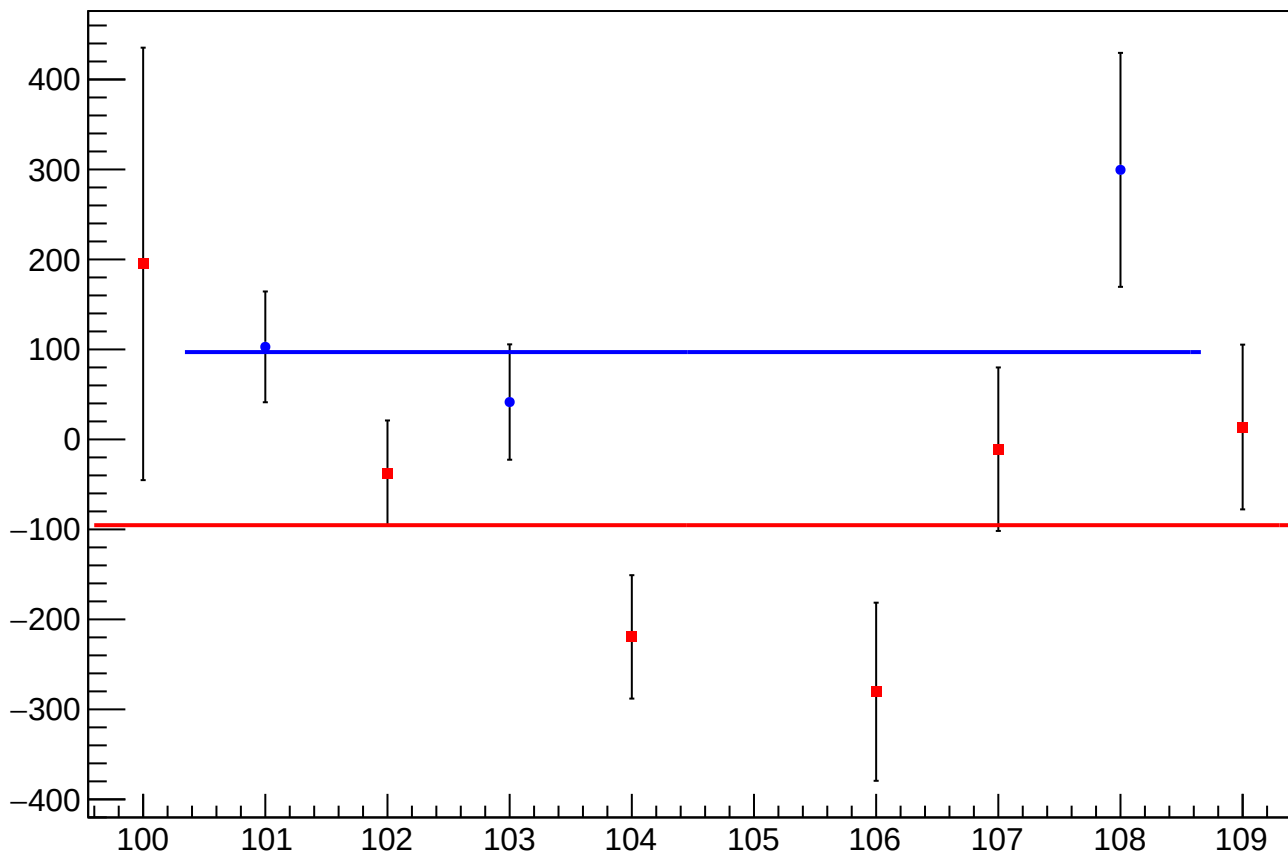
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.372 $\pm$ 0.027 χ^2 /NDF: 777013.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 97.052 $\pm$ 42.018 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -95.314 $\pm$ 33.983 χ^2 /NDF: 11.5/5

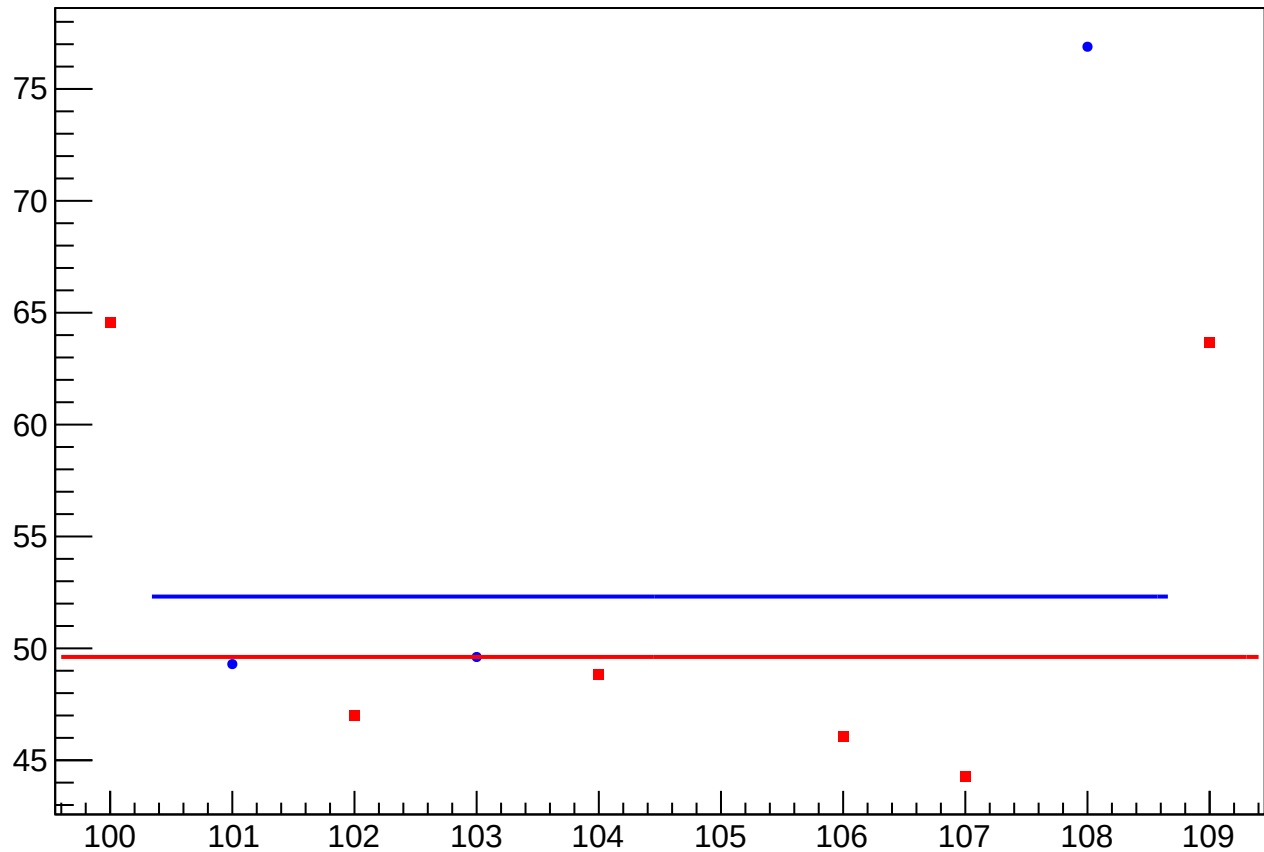
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -19.244 $\pm$ 26.423 χ^2 /NDF: 27.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



Right In: 52.315+/-0.030 χ^2/NDF : 79814.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.617+/-0.024 χ^2/NDF : 68734.3/5

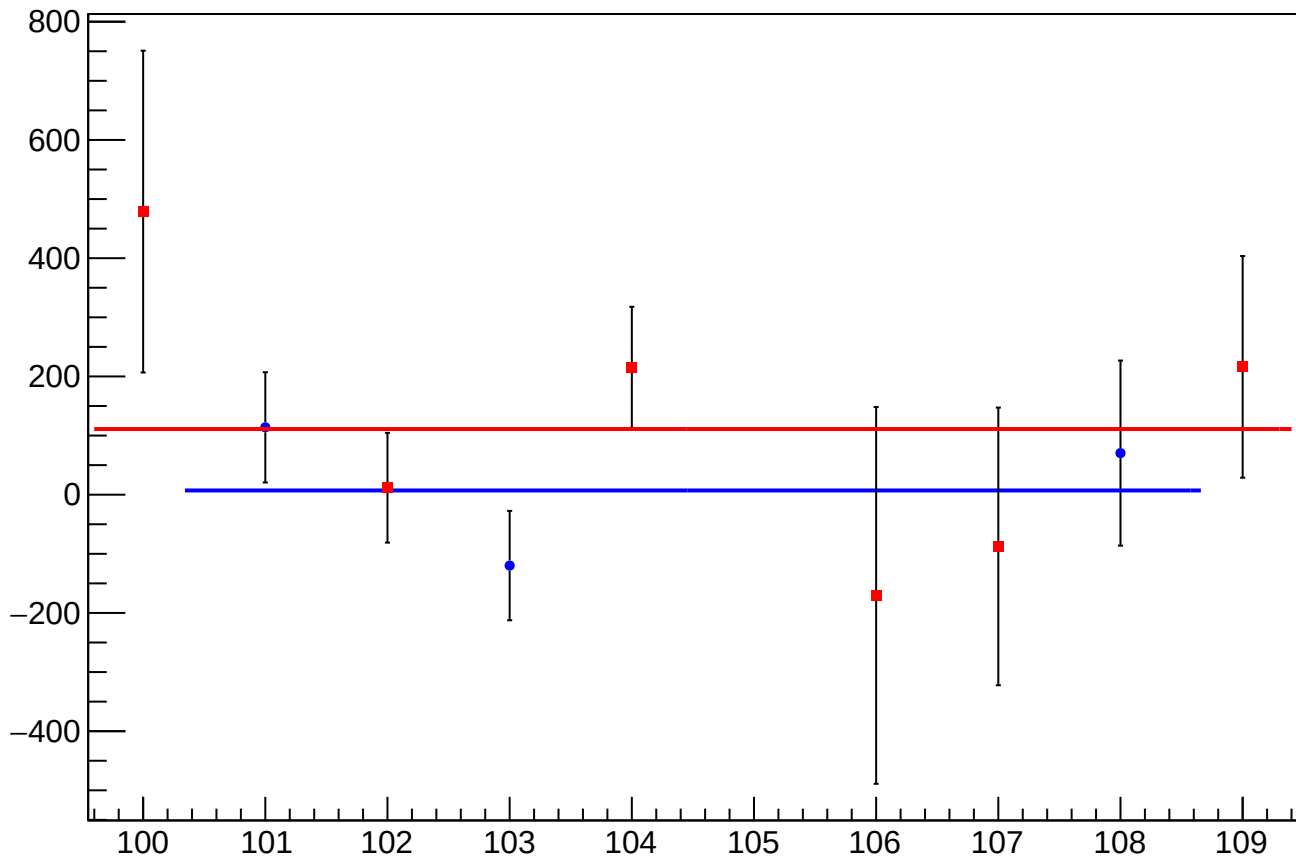
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.684+/-0.019 χ^2/NDF : 153534.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: 7.166+/-60.556 χ^2/NDF : 3.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.082+/-59.612 χ^2/NDF : 5.8/5

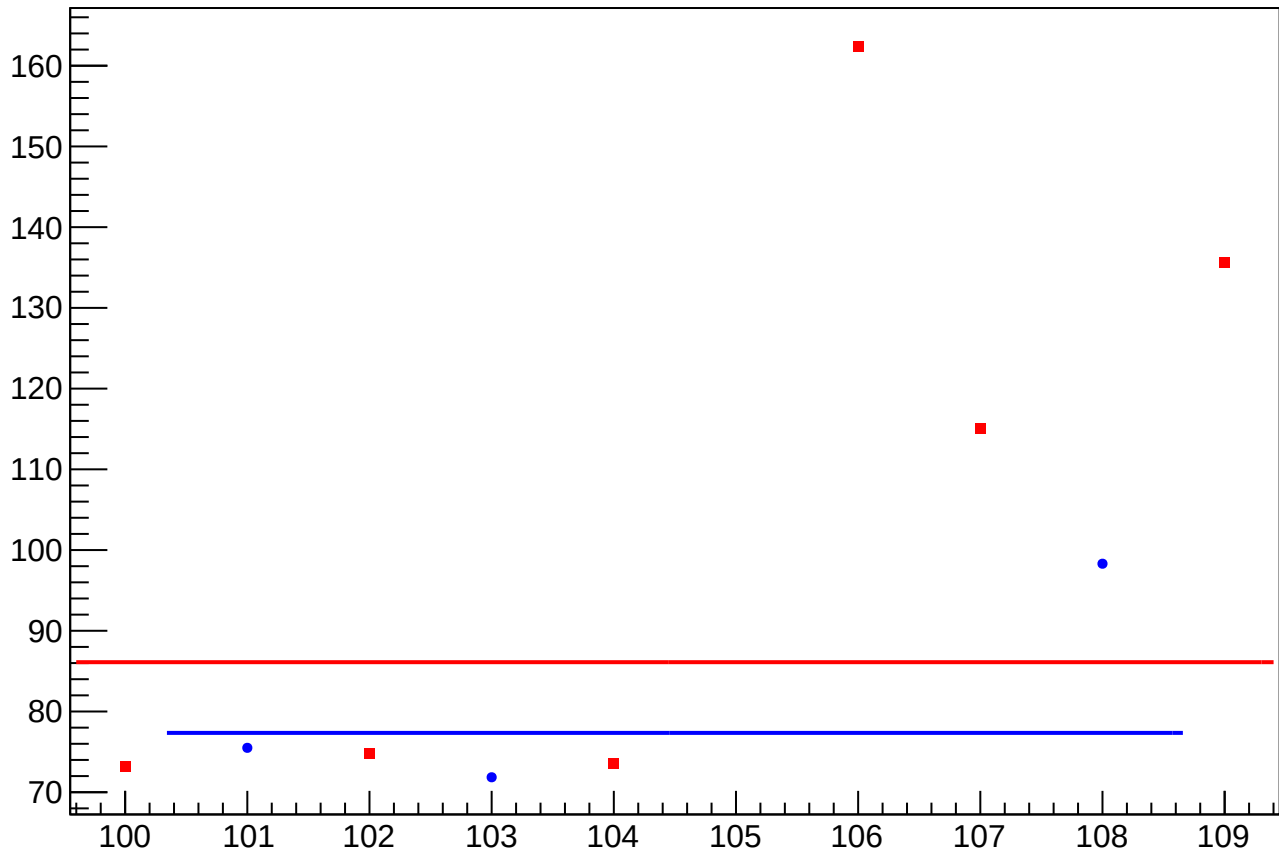
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.940+/-42.482 χ^2/NDF : 10.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 77.350+/-0.043 χ^2/NDF : 43709.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.110+/-0.042 χ^2/NDF : 349012.0/5

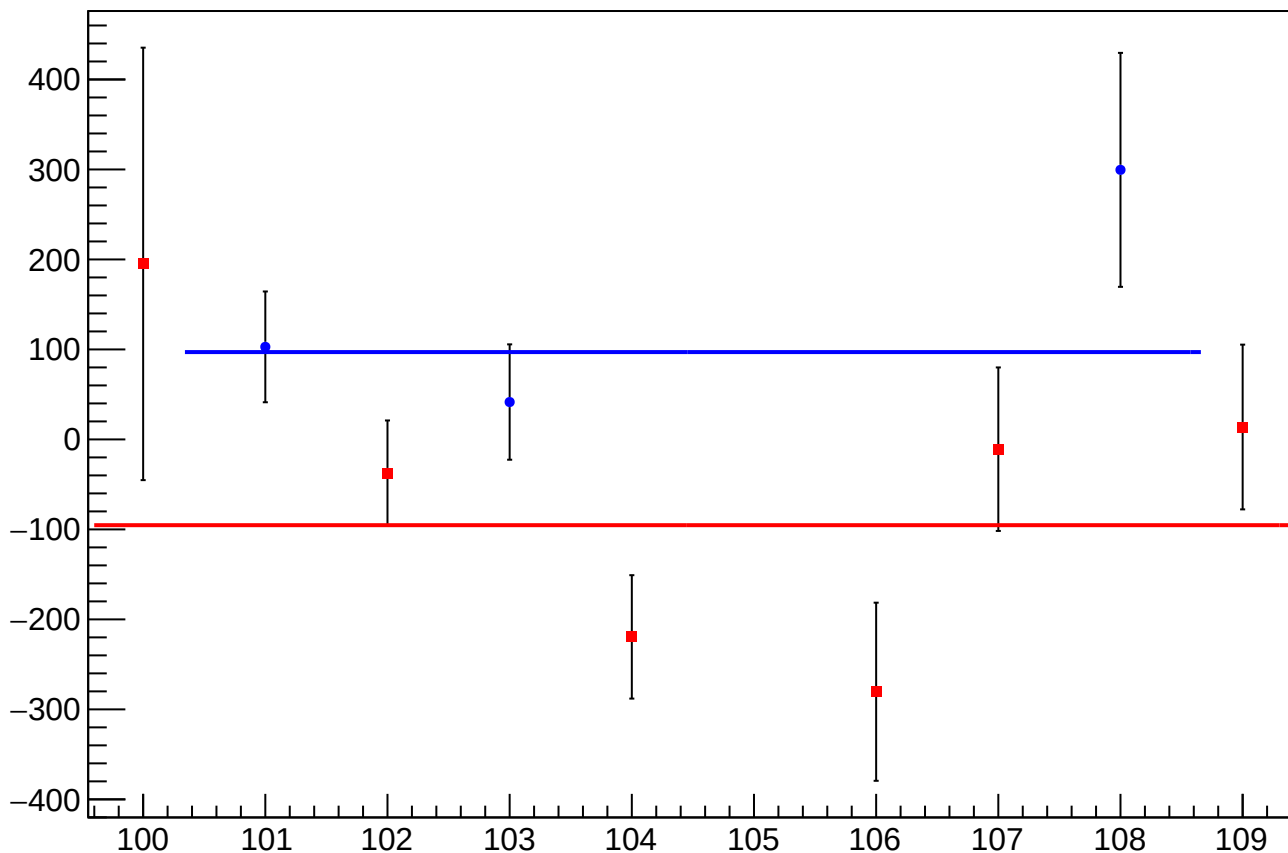
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.799+/-0.030 χ^2/NDF : 413972.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



Right In: 97.052+/-42.018 χ^2/NDF : 3.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -95.314+/-33.983 χ^2/NDF : 11.5/5

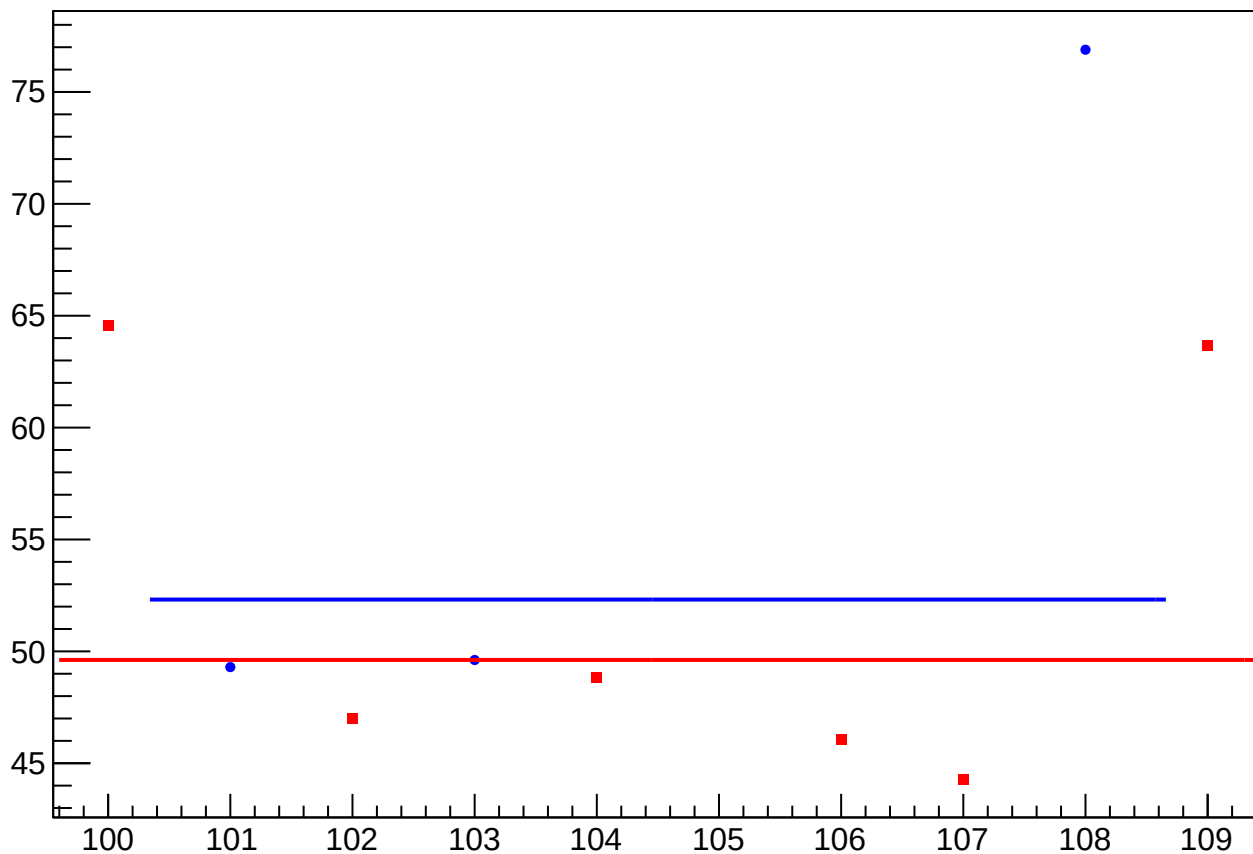
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.244+/-26.423 χ^2/NDF : 27.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 52.315+/-0.030 χ^2/NDF : 79815.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.617+/-0.024 χ^2/NDF : 68733.8/5

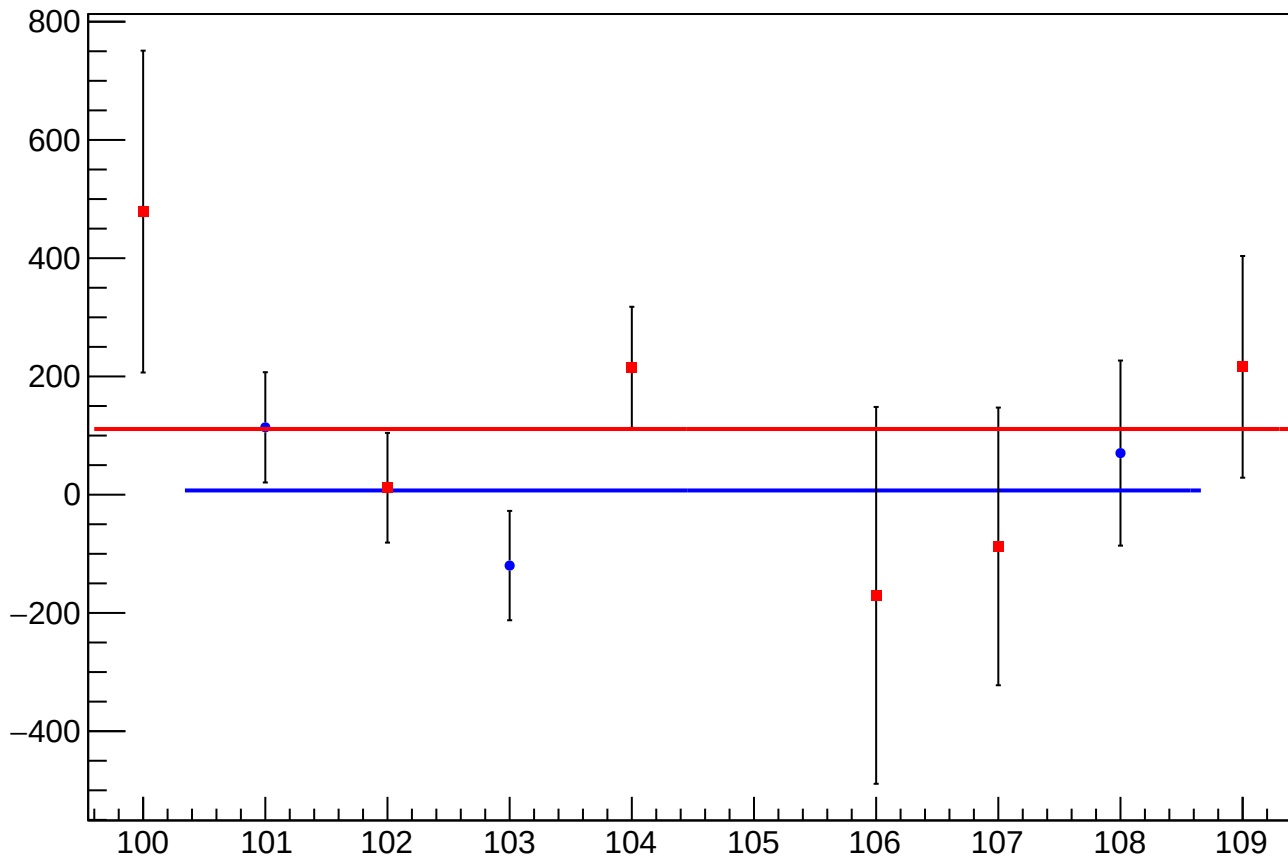
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.684+/-0.019 χ^2/NDF : 153534.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



Right In: 7.166 $\pm$ 60.556 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.081 $\pm$ 59.612 χ^2 /NDF: 5.8/5

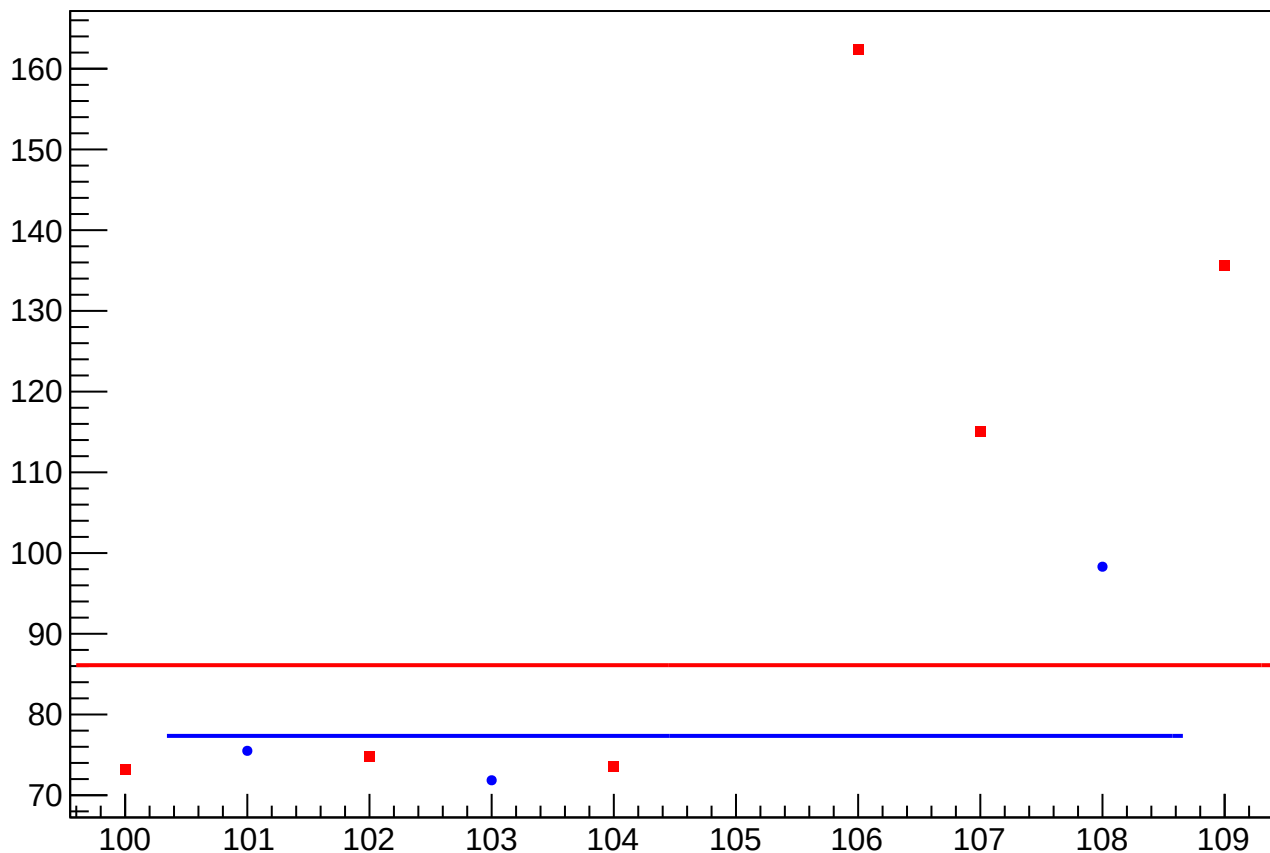
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.939 $\pm$ 42.482 χ^2 /NDF: 10.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 77.350 $\pm$ 0.043 χ^2 /NDF: 43711.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.109 $\pm$ 0.042 χ^2 /NDF: 349016.8/5

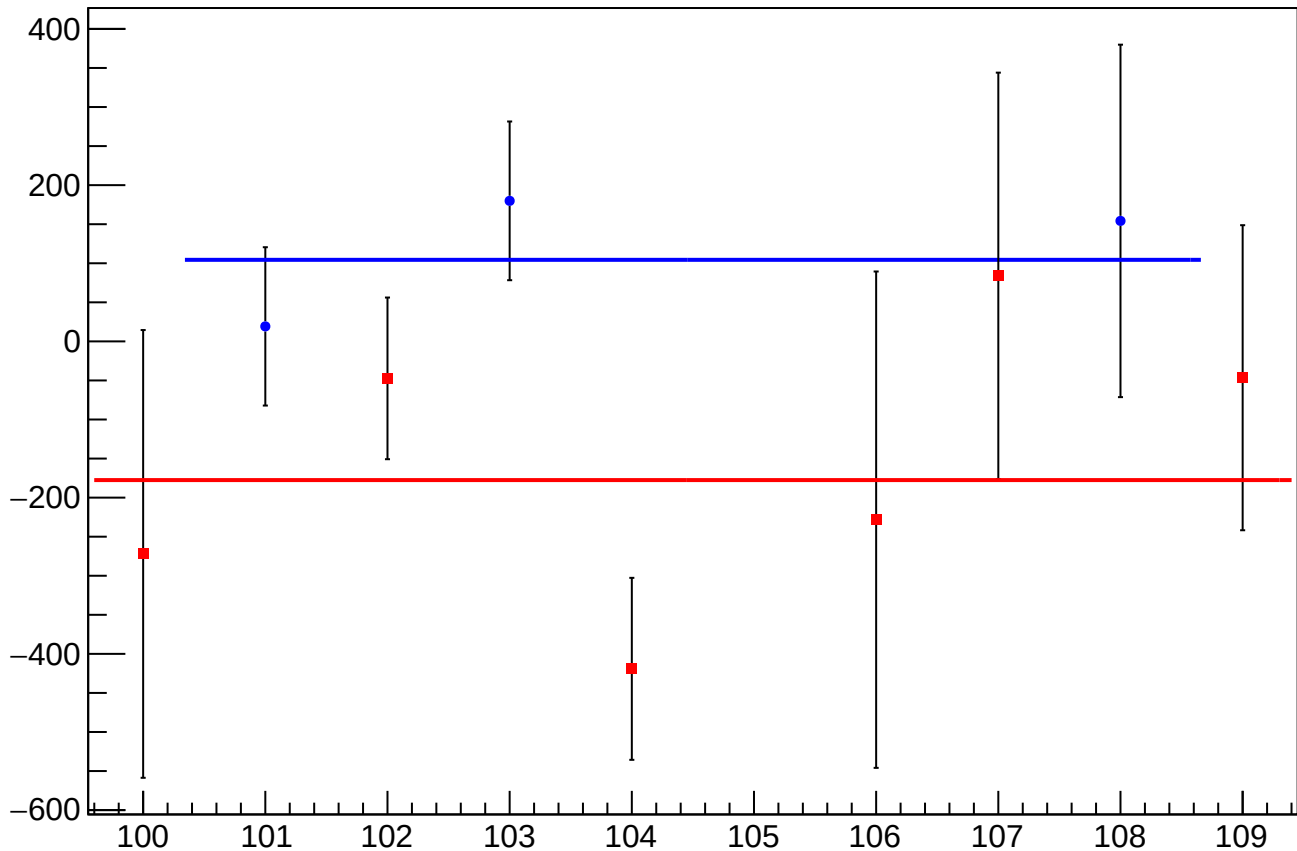
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.799 $\pm$ 0.030 χ^2 /NDF: 413978.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 104.401 $\pm$ 68.371 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -177.546 $\pm$ 65.909 χ^2 /NDF: 7.5/5

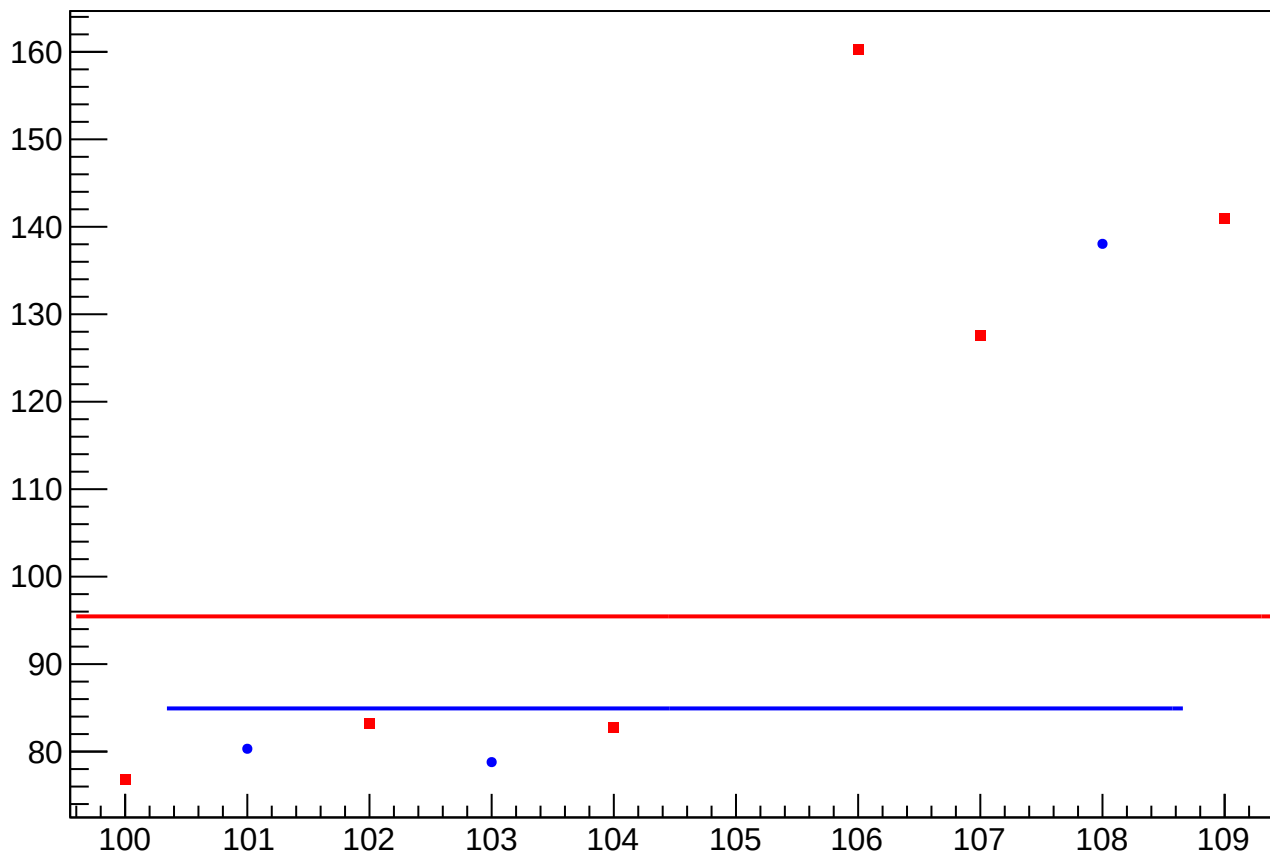
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.740 $\pm$ 47.451 χ^2 /NDF: 17.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_rms vs Slug



Right In: 84.933+/-0.048 χ^2/NDF : 122331.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.455+/-0.047 χ^2/NDF : 282854.0/5

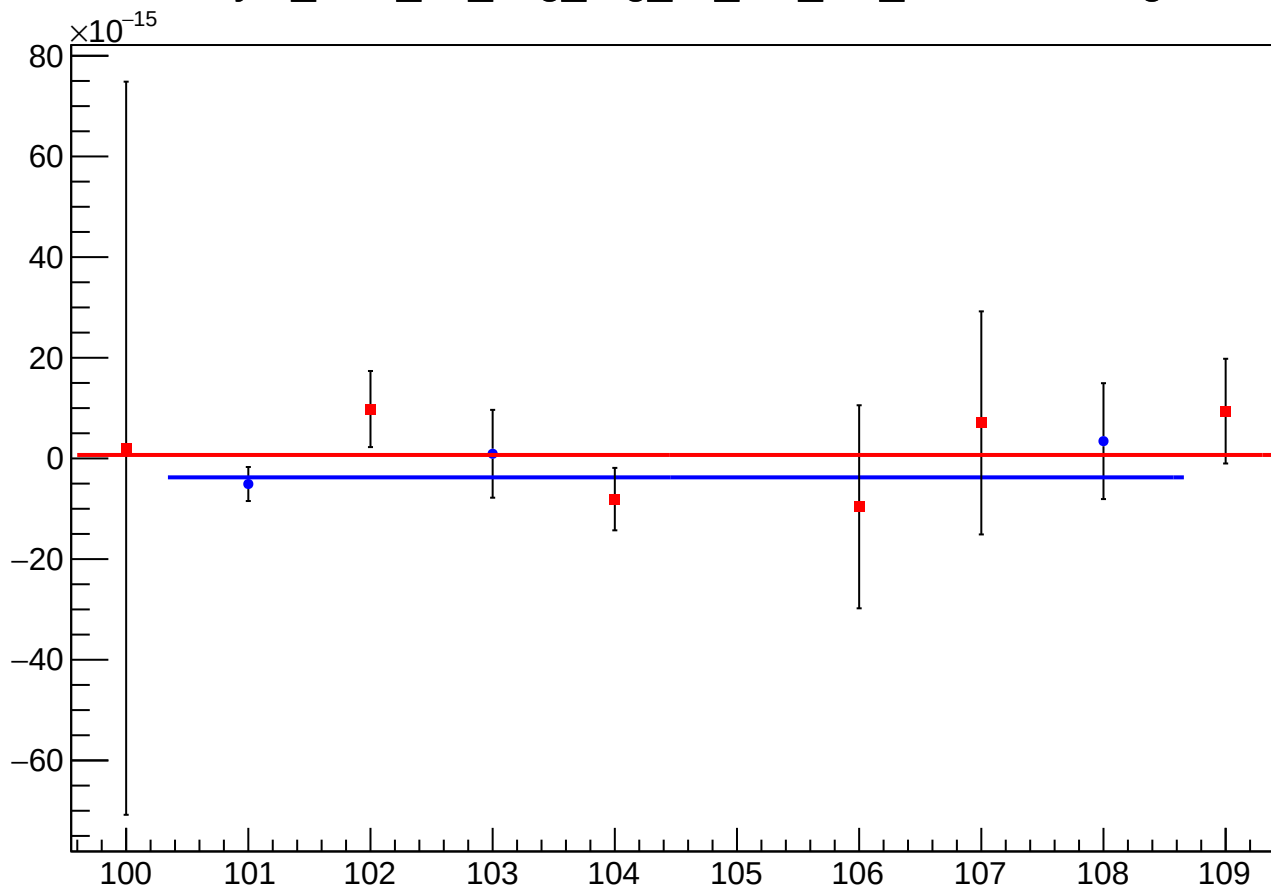
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.387+/-0.034 χ^2/NDF : 429738.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.5/5

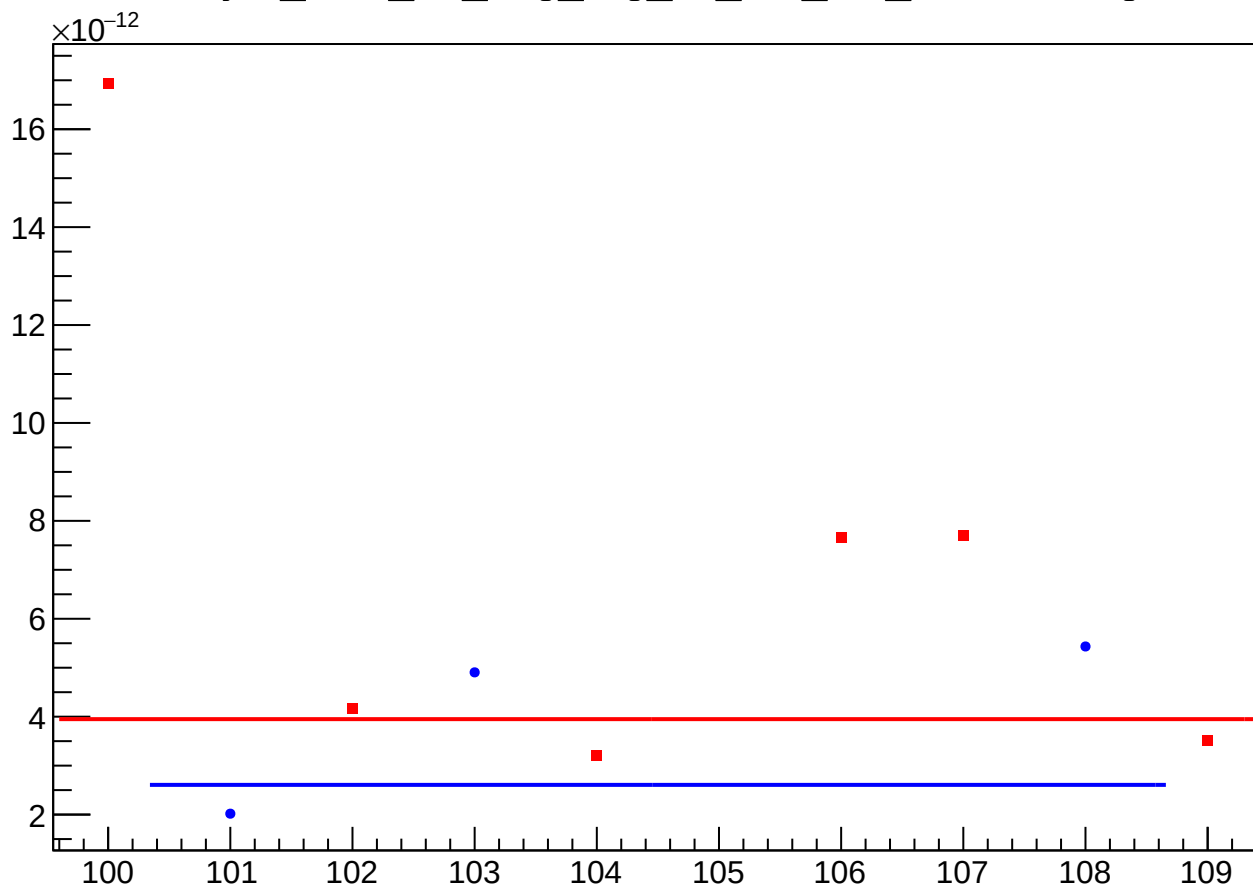
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 319974.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222007.2/5

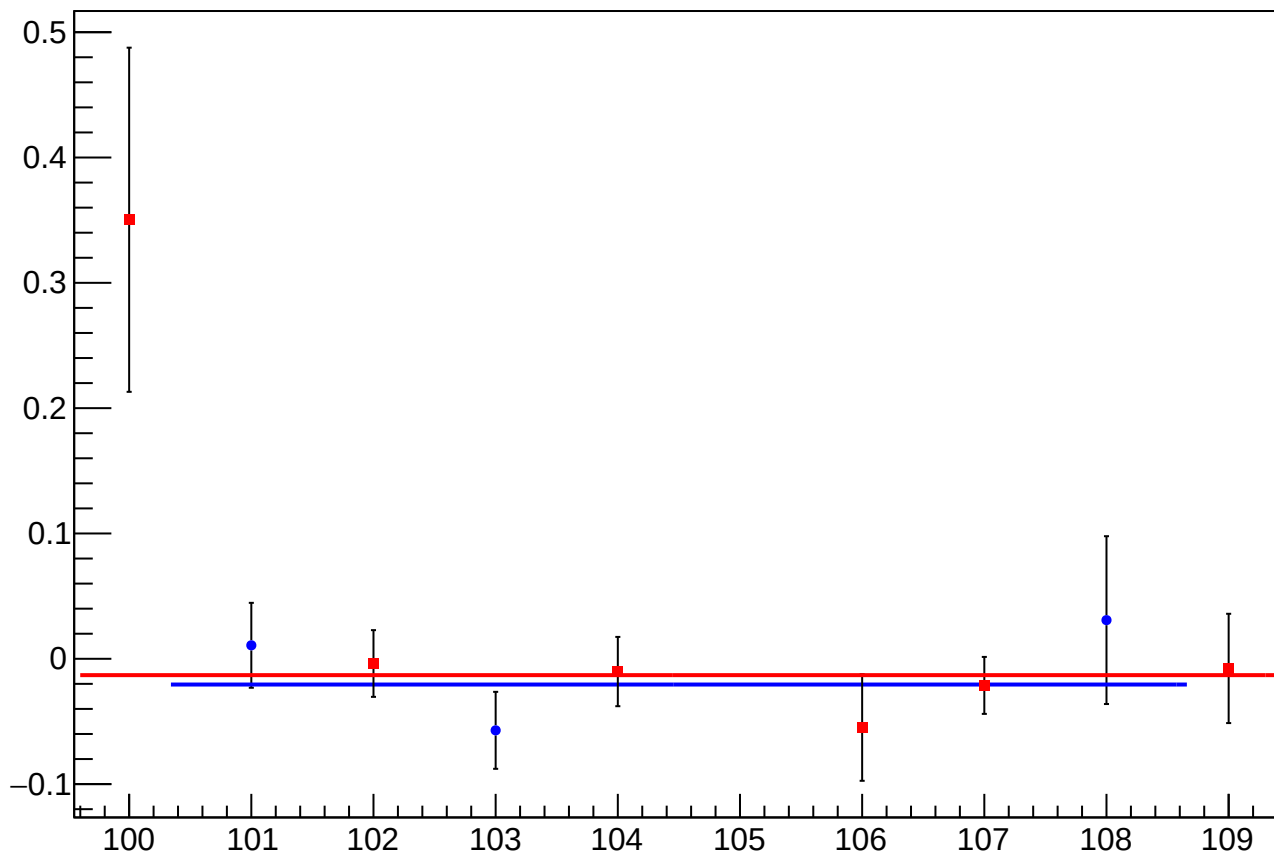
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 677261.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 ± 0.022 χ^2/NDF : 2.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.013 χ^2/NDF : 8.2/5

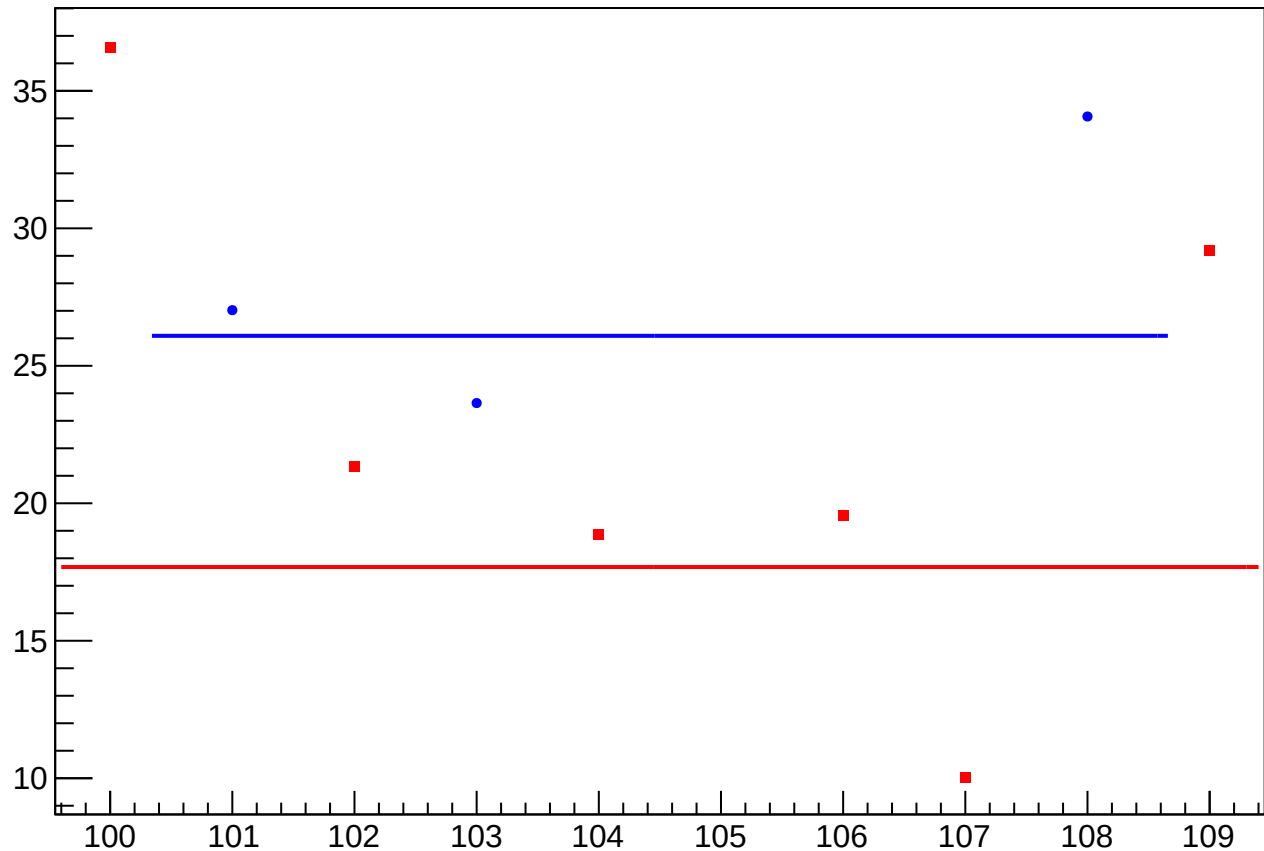
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.011 χ^2/NDF : 11.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



Right In: 26.091 $\pm$ 0.015 χ^2 /NDF: 42576.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.682 $\pm$ 0.009 χ^2 /NDF: 448923.2/5

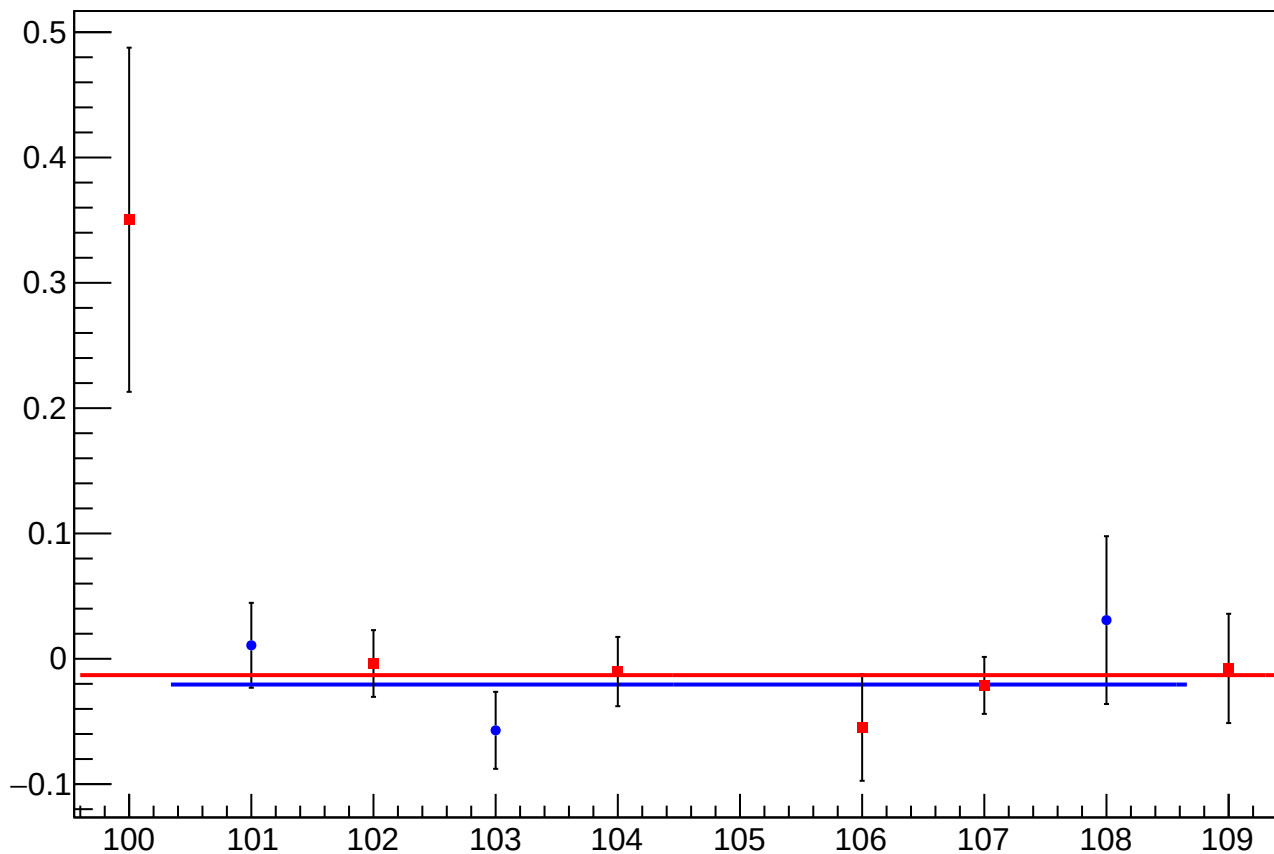
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.964 $\pm$ 0.008 χ^2 /NDF: 713473.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.022 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.013 $\pm$ 0.013 χ^2 /NDF: 8.2/5

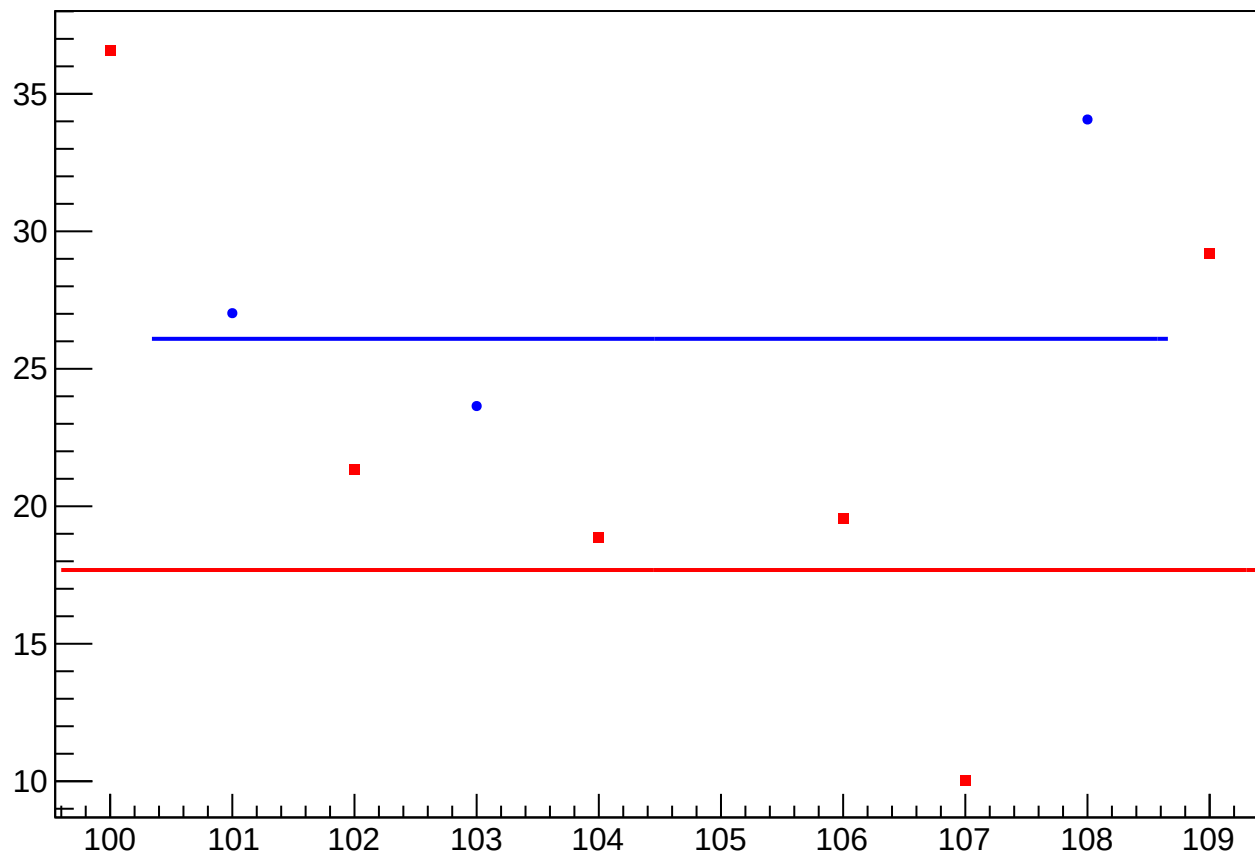
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.011 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.091 $\pm$ 0.015 χ^2 /NDF: 42576.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.682 $\pm$ 0.009 χ^2 /NDF: 448923.2/5

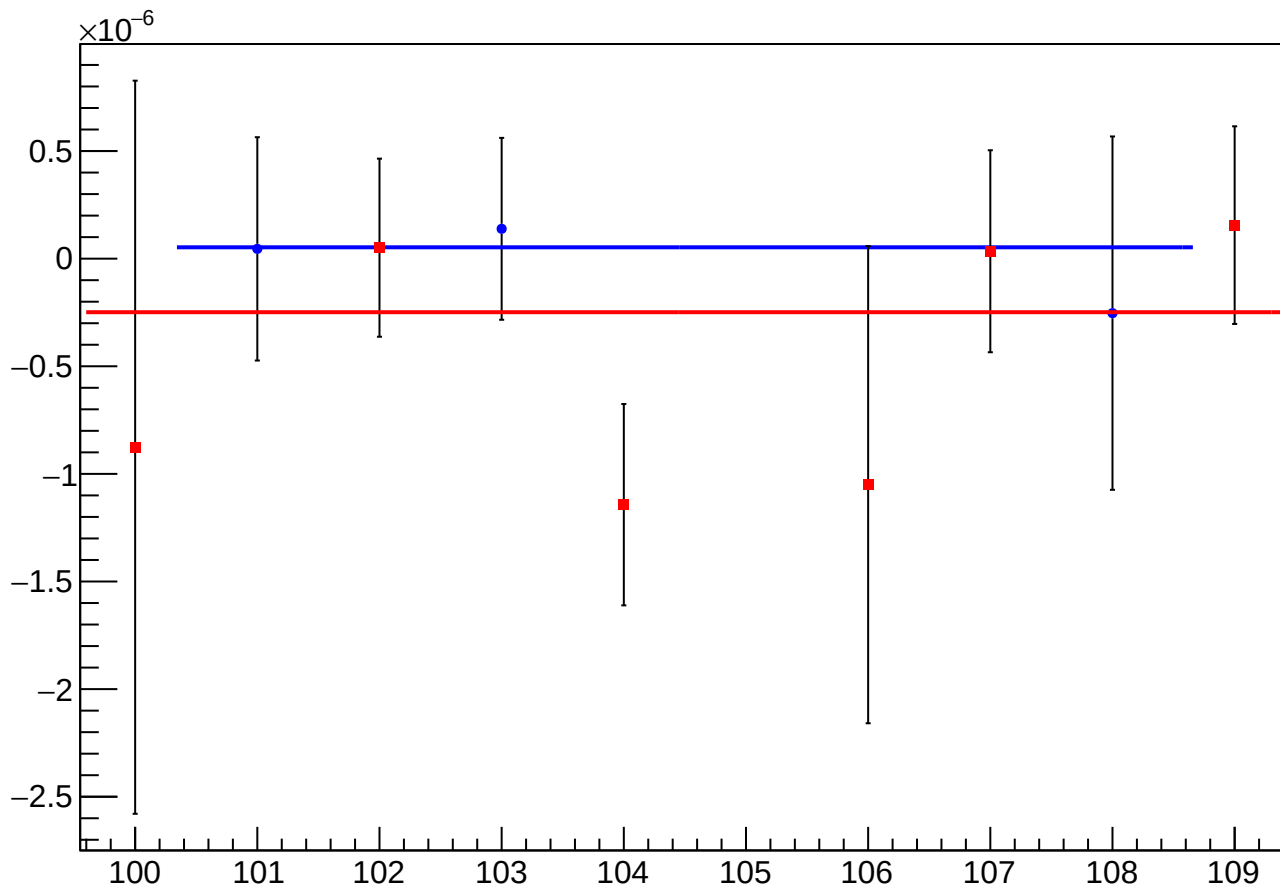
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.964 $\pm$ 0.008 χ^2 /NDF: 713473.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 6.0/5

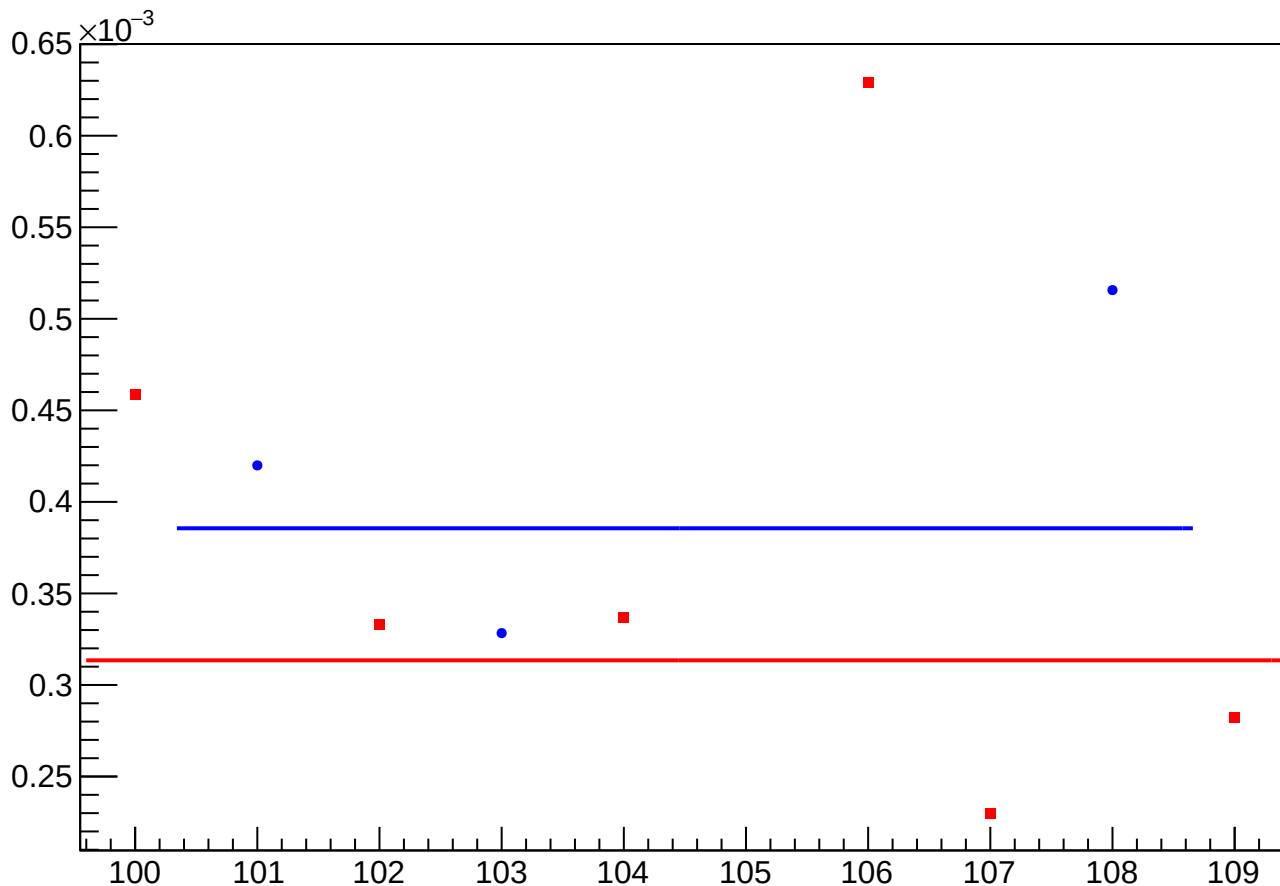
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 95724.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 258736.1/5

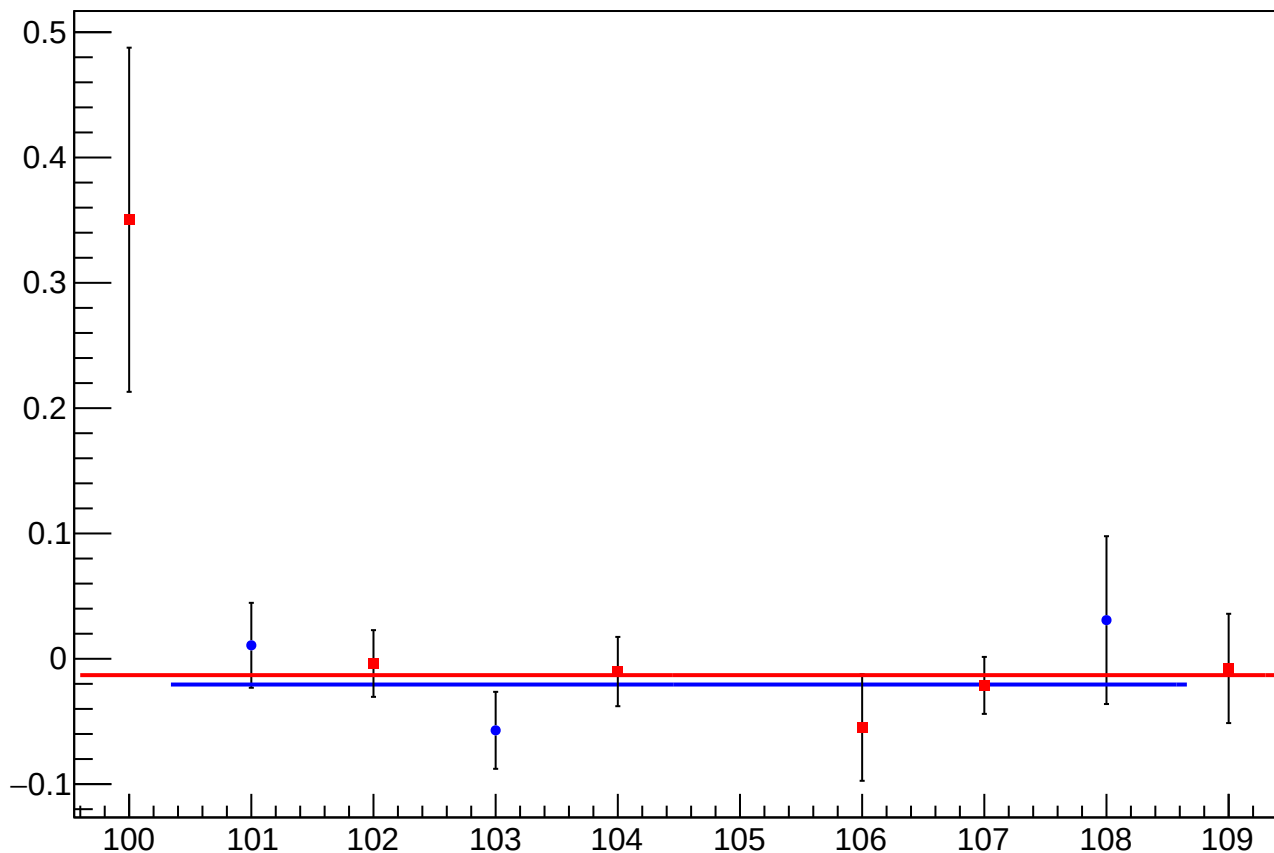
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 428503.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 ± 0.022 χ^2/NDF : 2.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.013 χ^2/NDF : 8.2/5

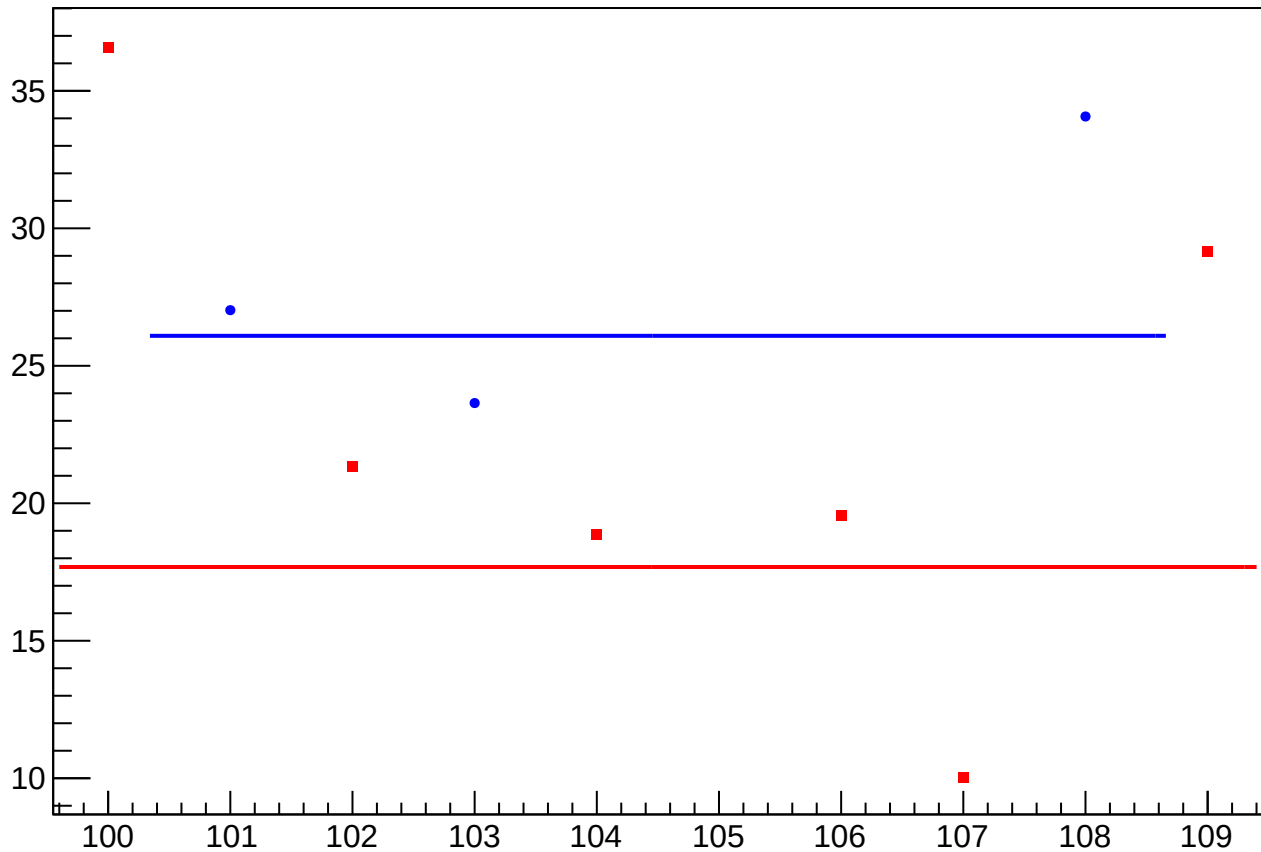
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.015 ± 0.011 χ^2/NDF : 11.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 26.091 $\pm$ 0.015 χ^2 /NDF: 42579.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.682 $\pm$ 0.009 χ^2 /NDF: 448932.8/5

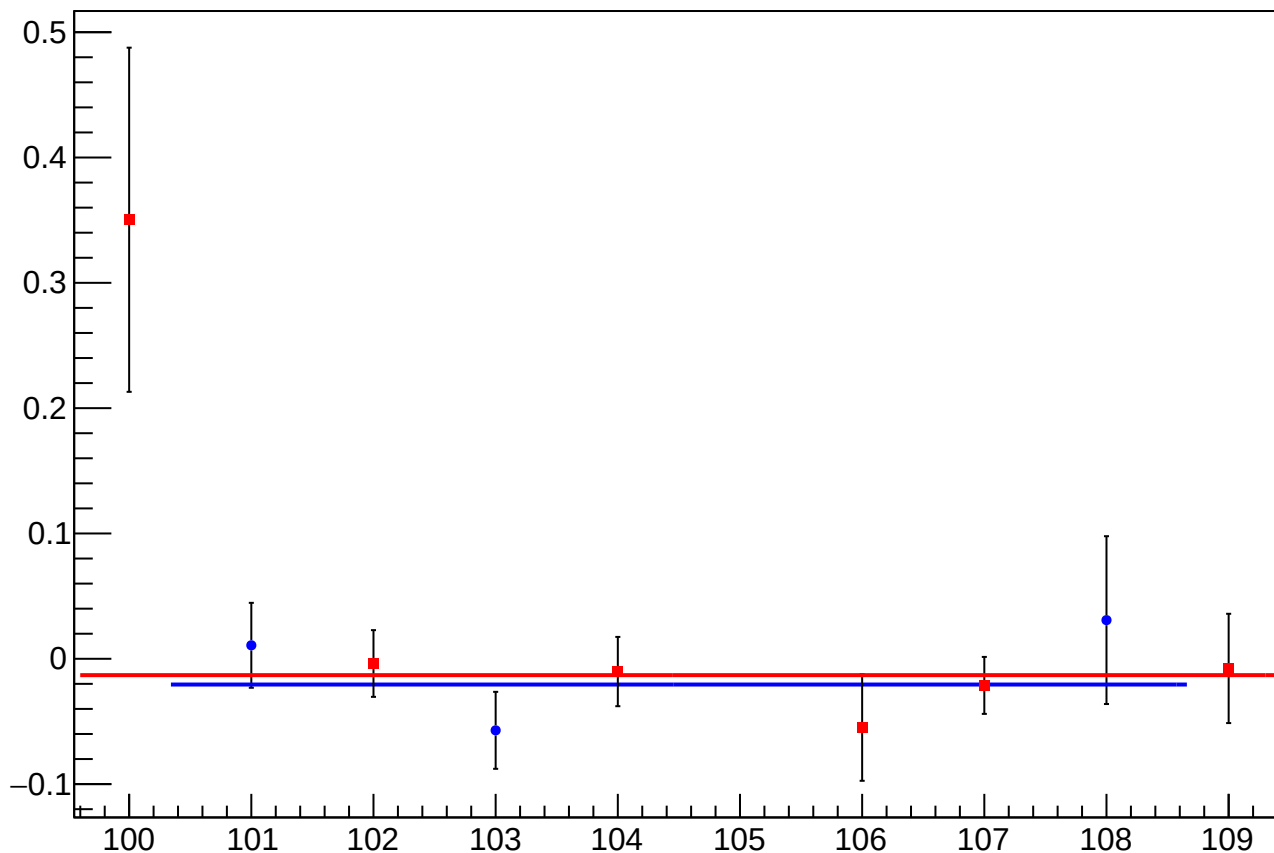
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.963 $\pm$ 0.008 χ^2 /NDF: 713492.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.022 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.013 $\pm$ 0.013 χ^2 /NDF: 8.2/5

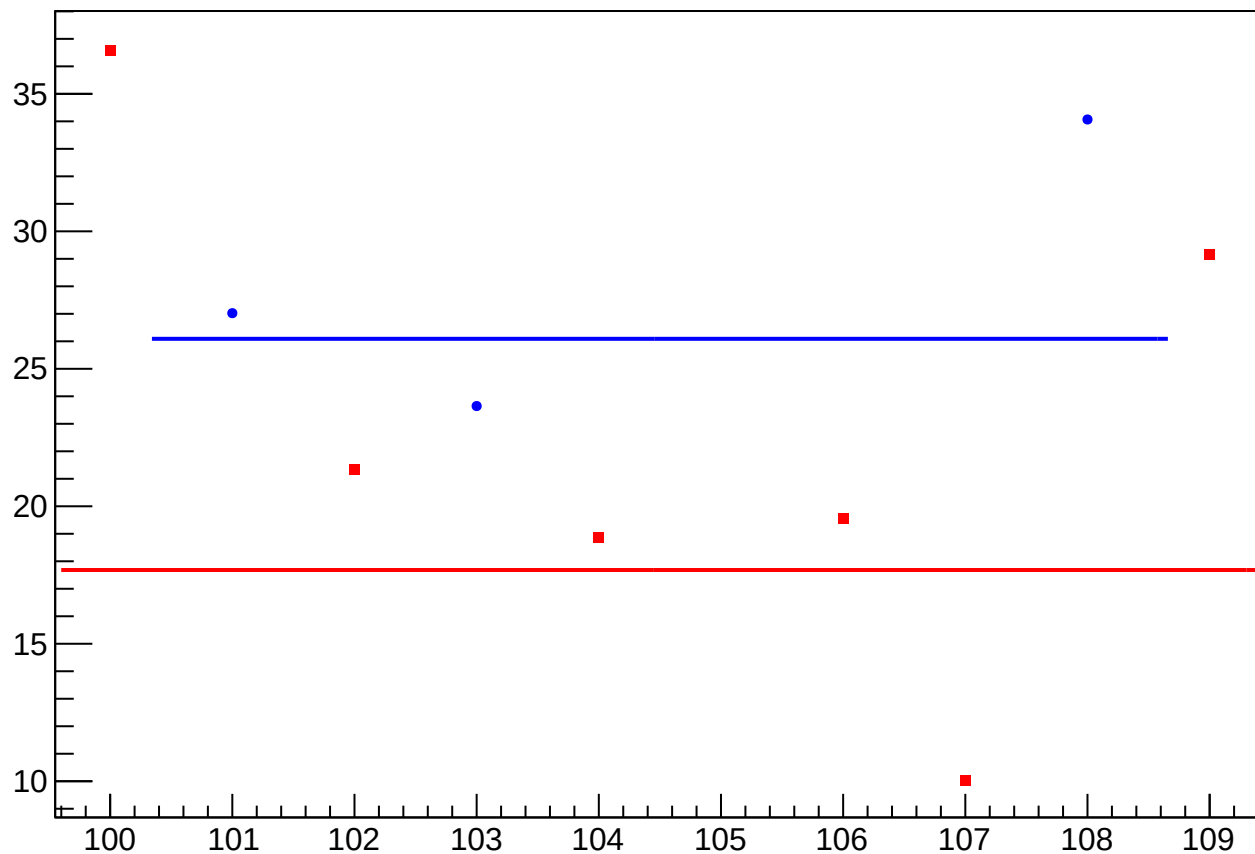
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.015 $\pm$ 0.011 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.091 $\pm$ 0.015 χ^2 /NDF: 42579.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.682 $\pm$ 0.009 χ^2 /NDF: 448932.8/5

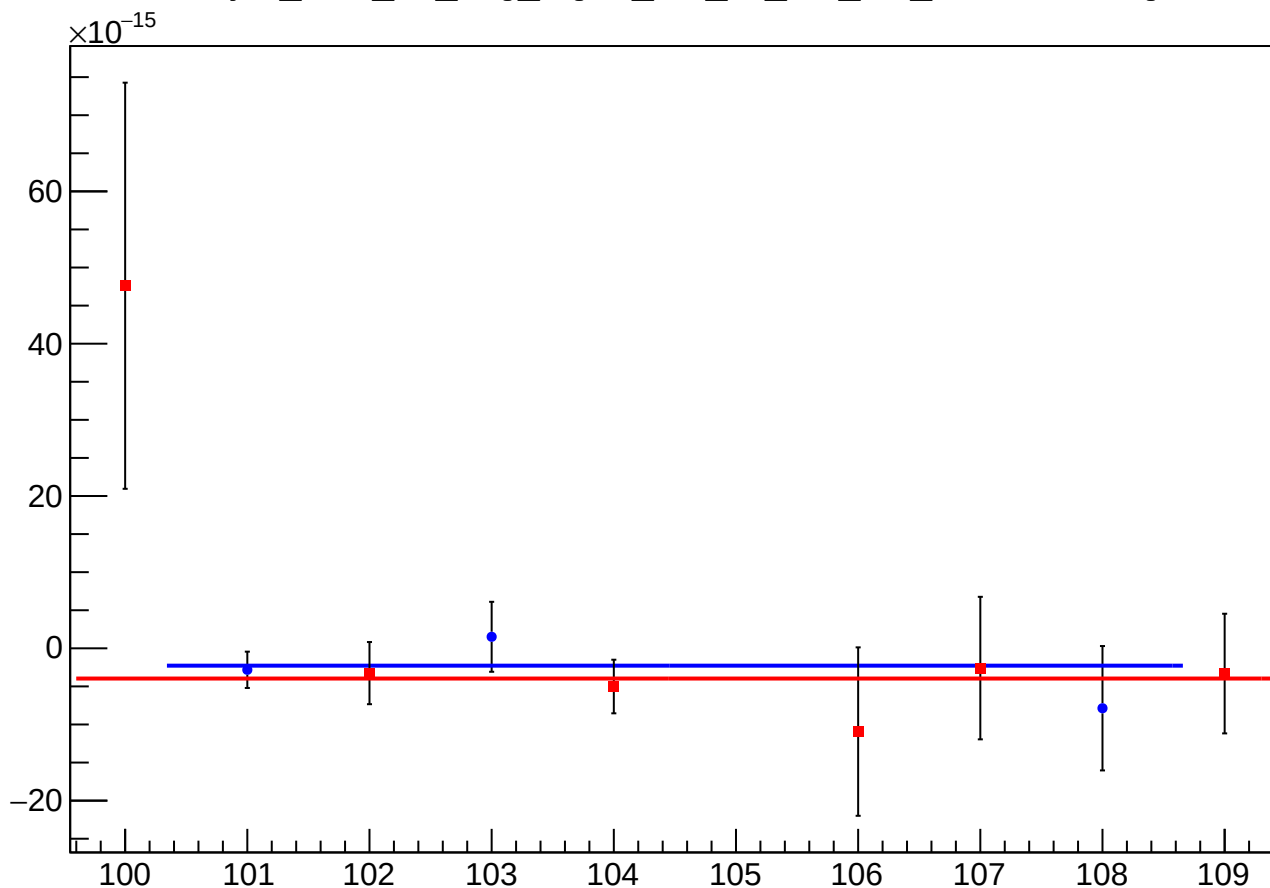
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.963 $\pm$ 0.008 χ^2 /NDF: 713492.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.3/5

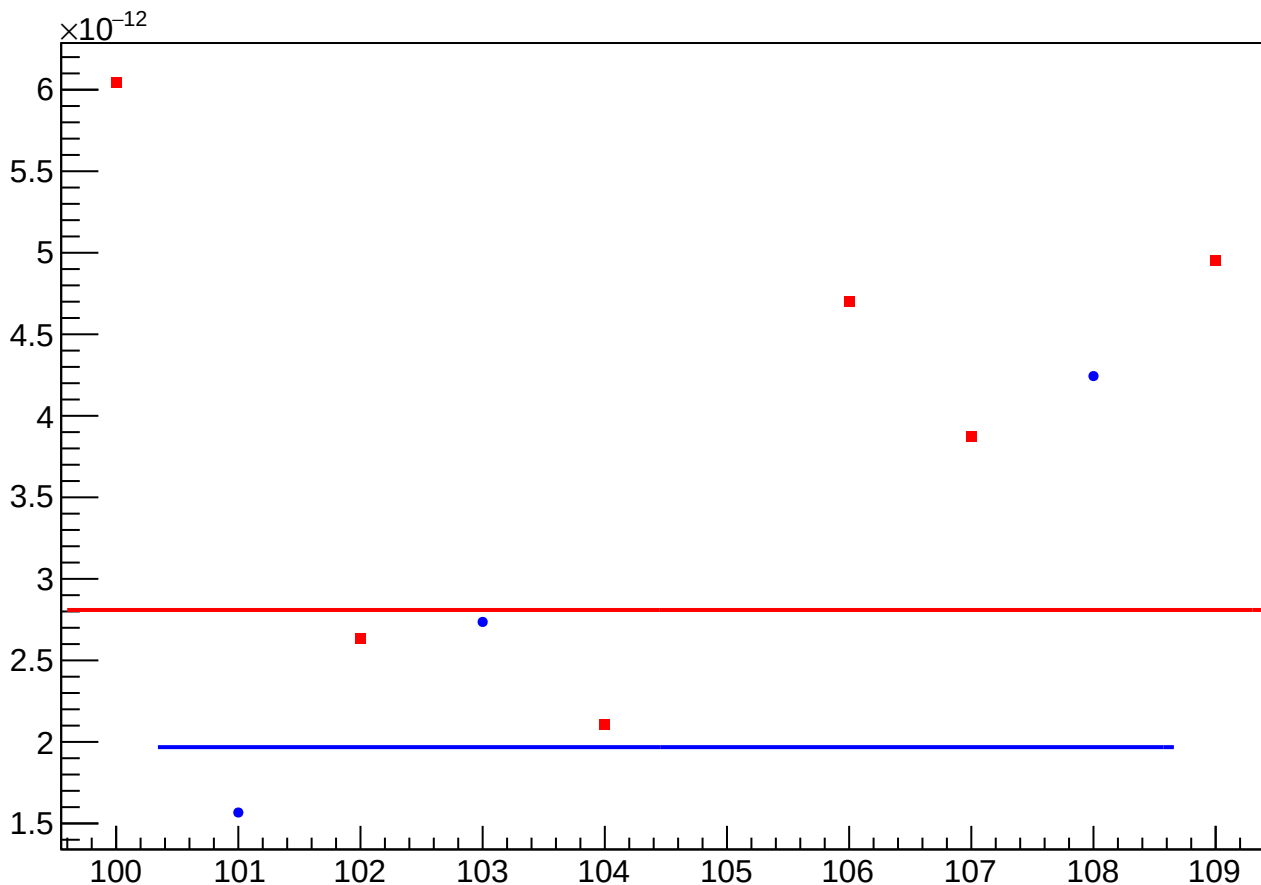
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 267814.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 345186.2/5

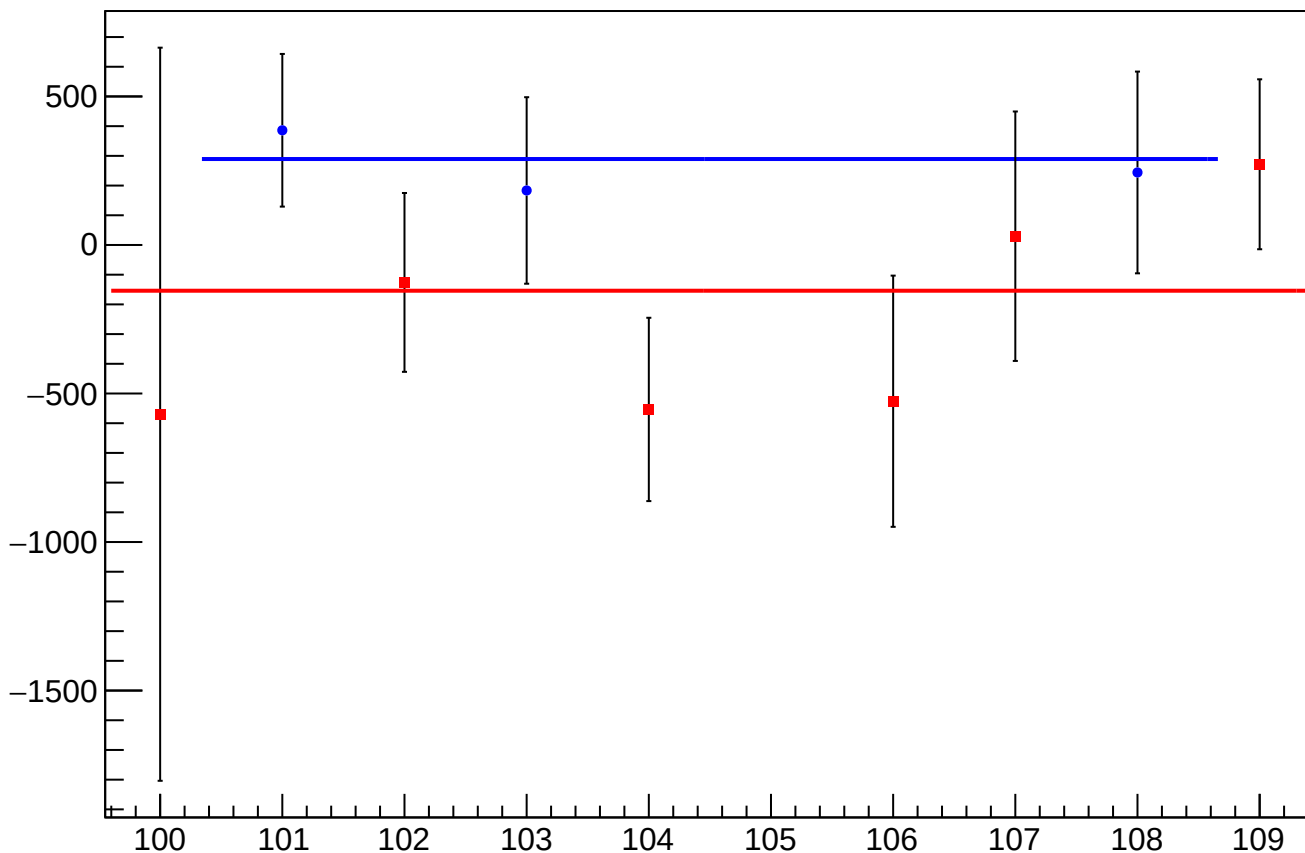
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 757211.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 289.361 $\pm$ 171.603 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -153.994 $\pm$ 147.962 χ^2 /NDF: 5.0/5

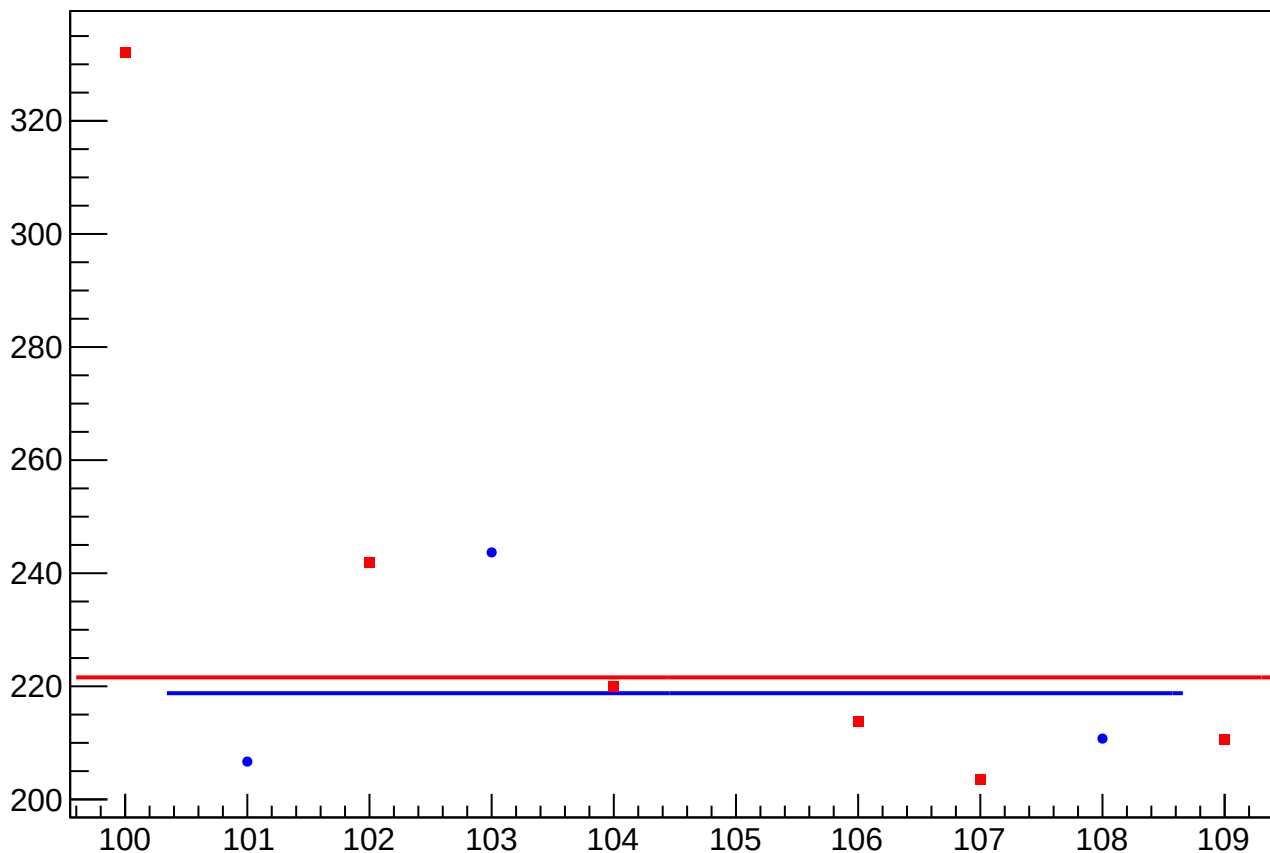
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.064 $\pm$ 112.059 χ^2 /NDF: 9.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 218.780 $\pm$ 0.121 χ^2 /NDF: 18123.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 221.576 $\pm$ 0.105 χ^2 /NDF: 32431.8/5

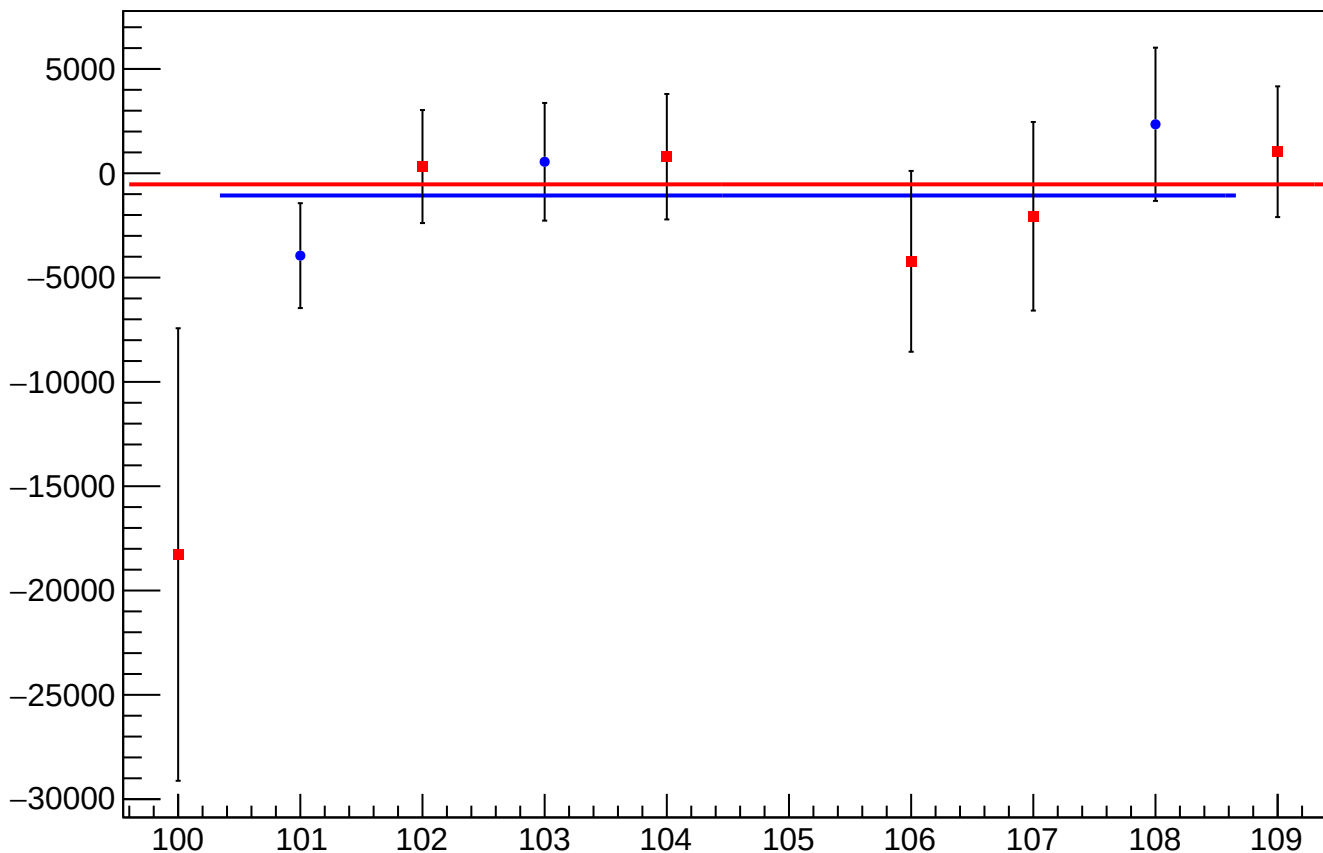
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.384 $\pm$ 0.079 χ^2 /NDF: 50859.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_mean vs Slug



Right In: -1064.914 $\pm$ 1671.094 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -531.348 $\pm$ 1475.345 χ^2 /NDF: 4.1/5

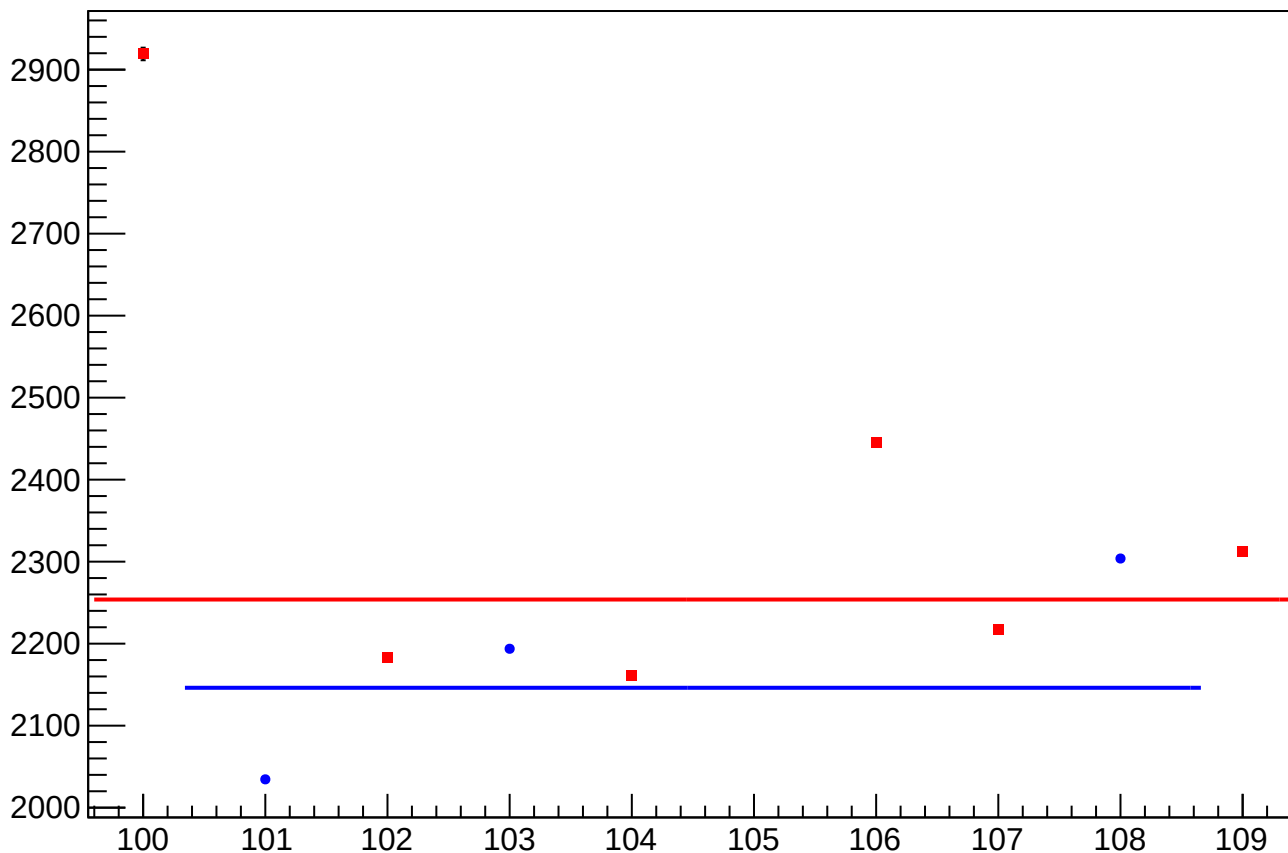
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -765.064 $\pm$ 1105.990 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 2146.201+/-1.182 χ^2/NDF : 8199.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2253.818+/-1.043 χ^2/NDF : 15502.2/5

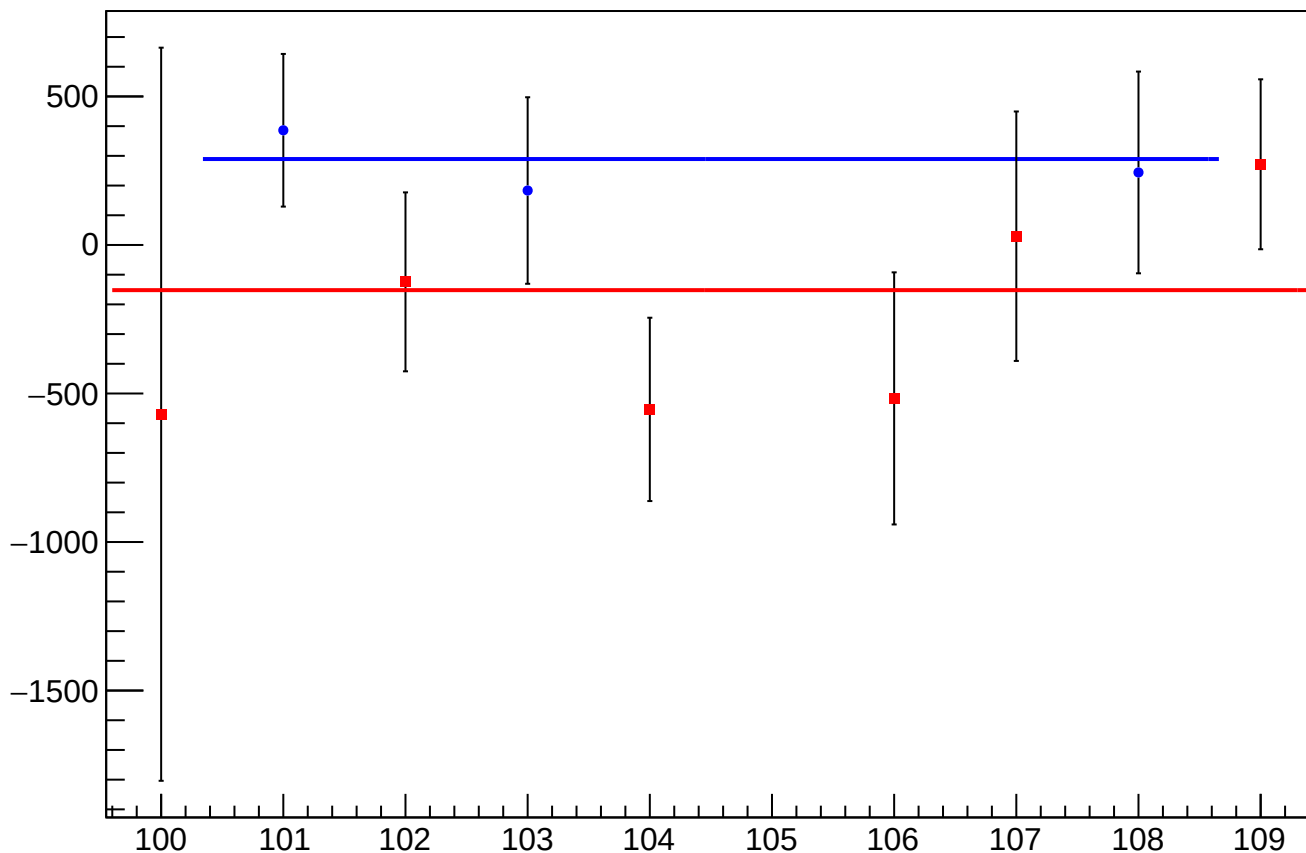
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.679+/-0.782 χ^2/NDF : 28363.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 289.299 $\pm$ 171.603 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -152.059 $\pm$ 148.045 χ^2 /NDF: 4.9/5

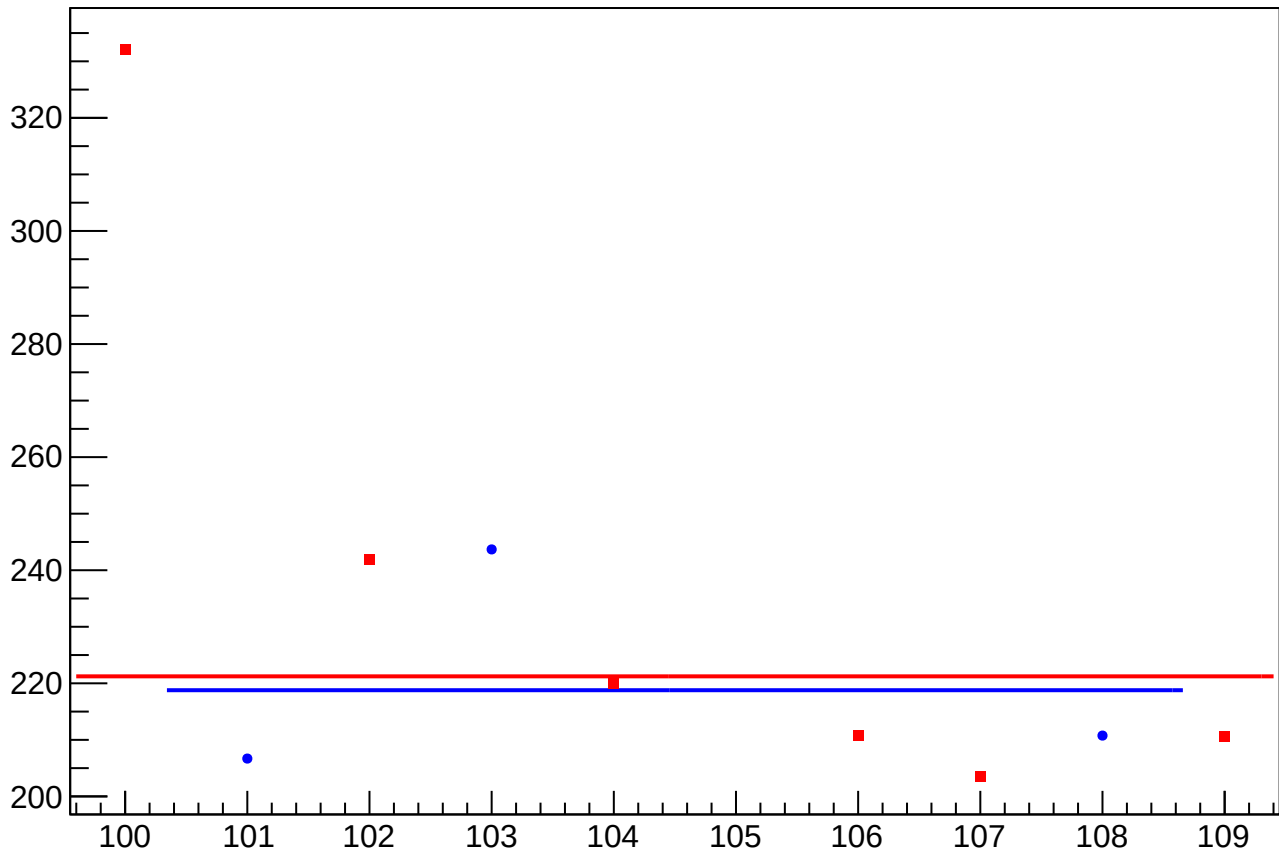
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.268 $\pm$ 112.095 χ^2 /NDF: 9.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_avg_rms vs Slug



Right In: 218.780 $\pm$ 0.121 χ^2 /NDF: 18123.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 221.233 $\pm$ 0.105 χ^2 /NDF: 33166.2/5

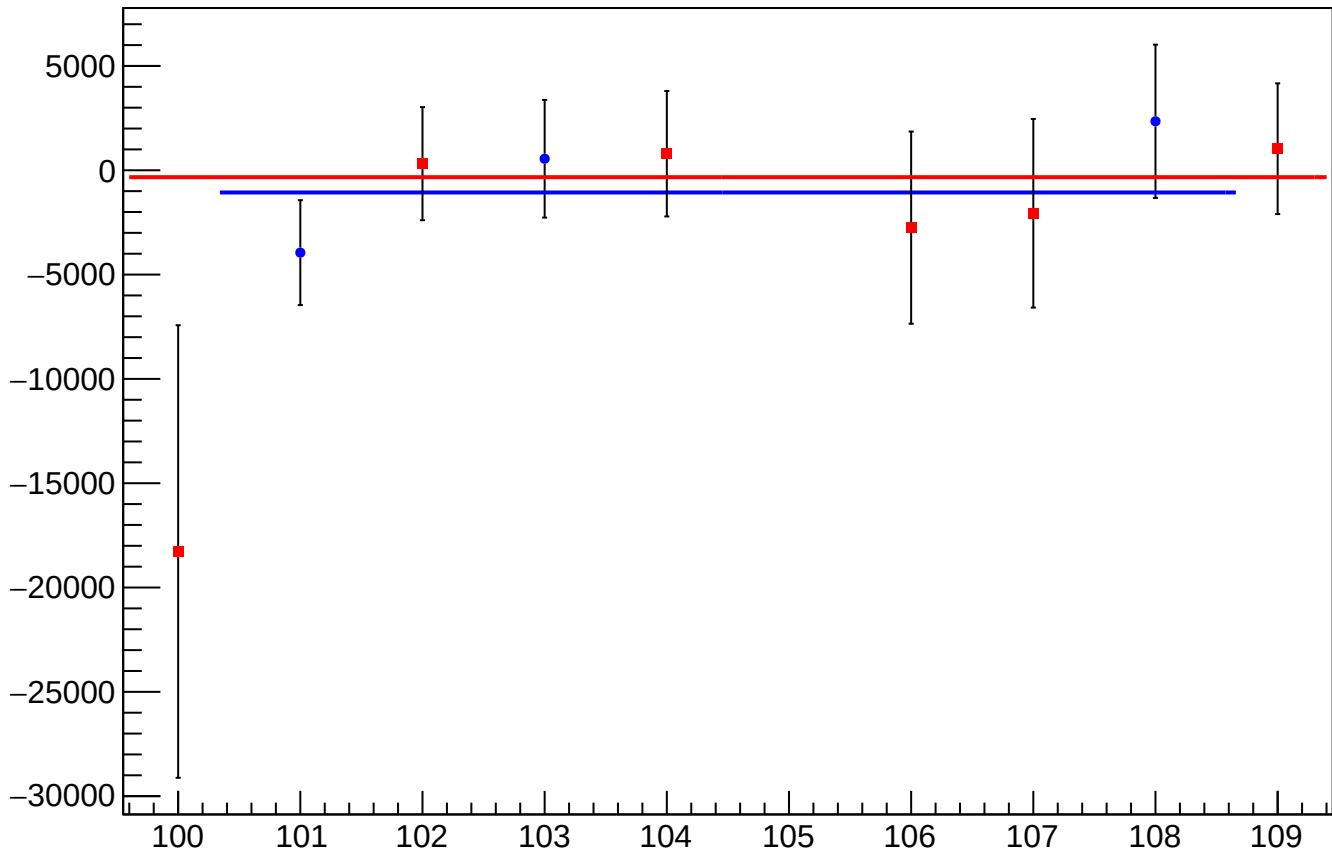
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.186 $\pm$ 0.079 χ^2 /NDF: 51524.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_cor_correction_mean vs Slug



Right In: -1064.565 ± 1671.127 χ^2/NDF : 2.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -330.597 ± 1485.551 χ^2/NDF : 3.5/5

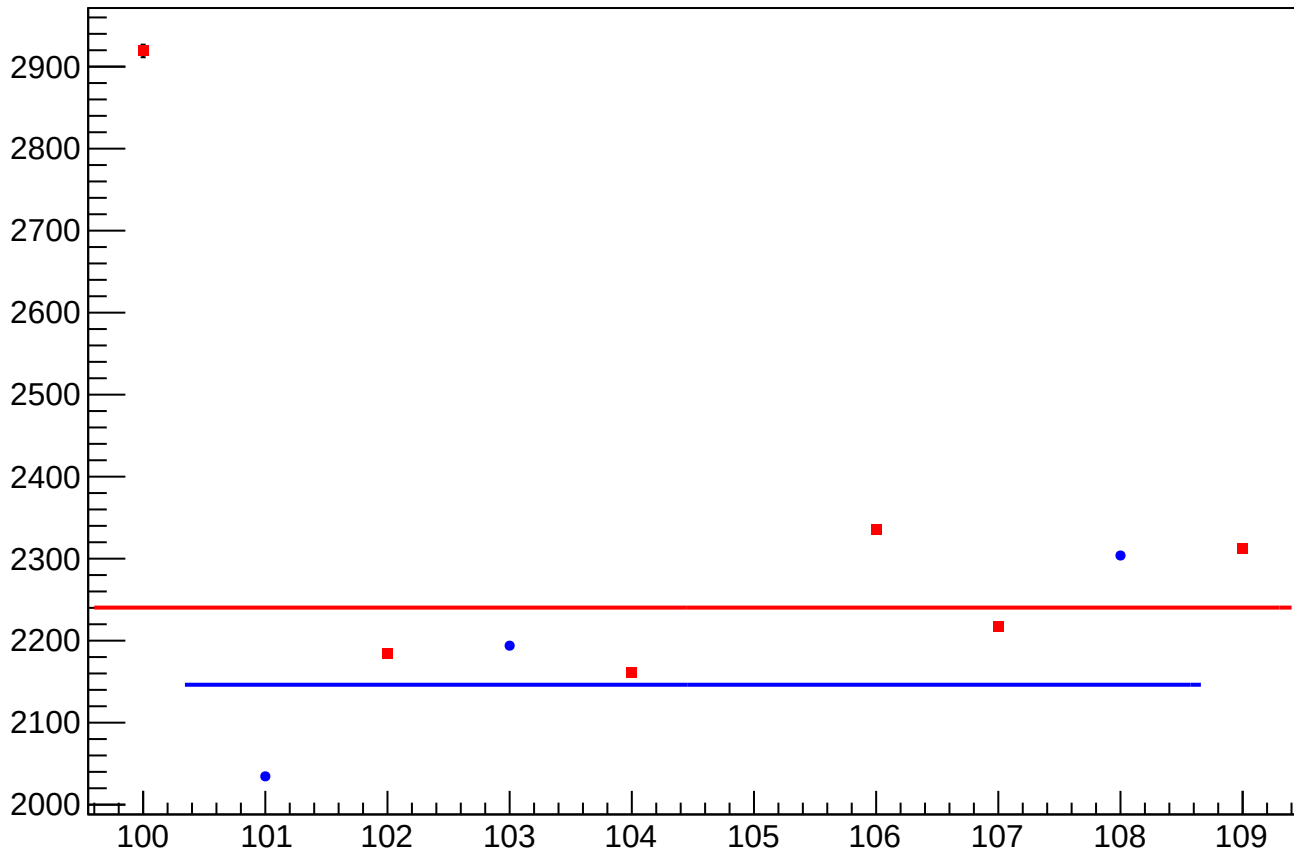
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -654.581 ± 1110.280 χ^2/NDF : 6.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 2146.239 ± 1.182 $\chi^2/\text{NDF}: 8202.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2240.333 ± 1.050 $\chi^2/\text{NDF}: 12021.3/5$

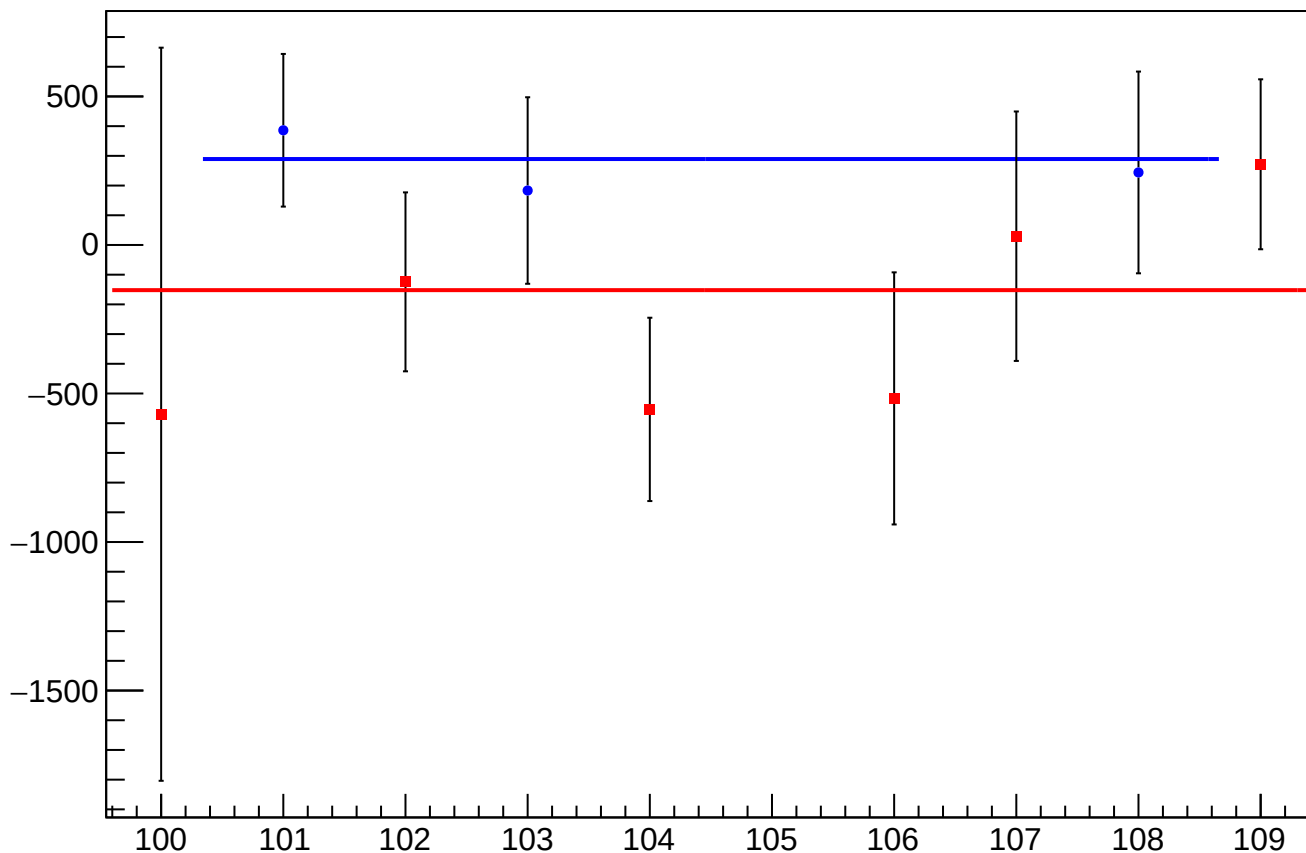
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2198.799 ± 0.785 $\chi^2/\text{NDF}: 23765.0/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 289.299 $\pm$ 171.603 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -152.059 $\pm$ 148.045 χ^2 /NDF: 4.9/5

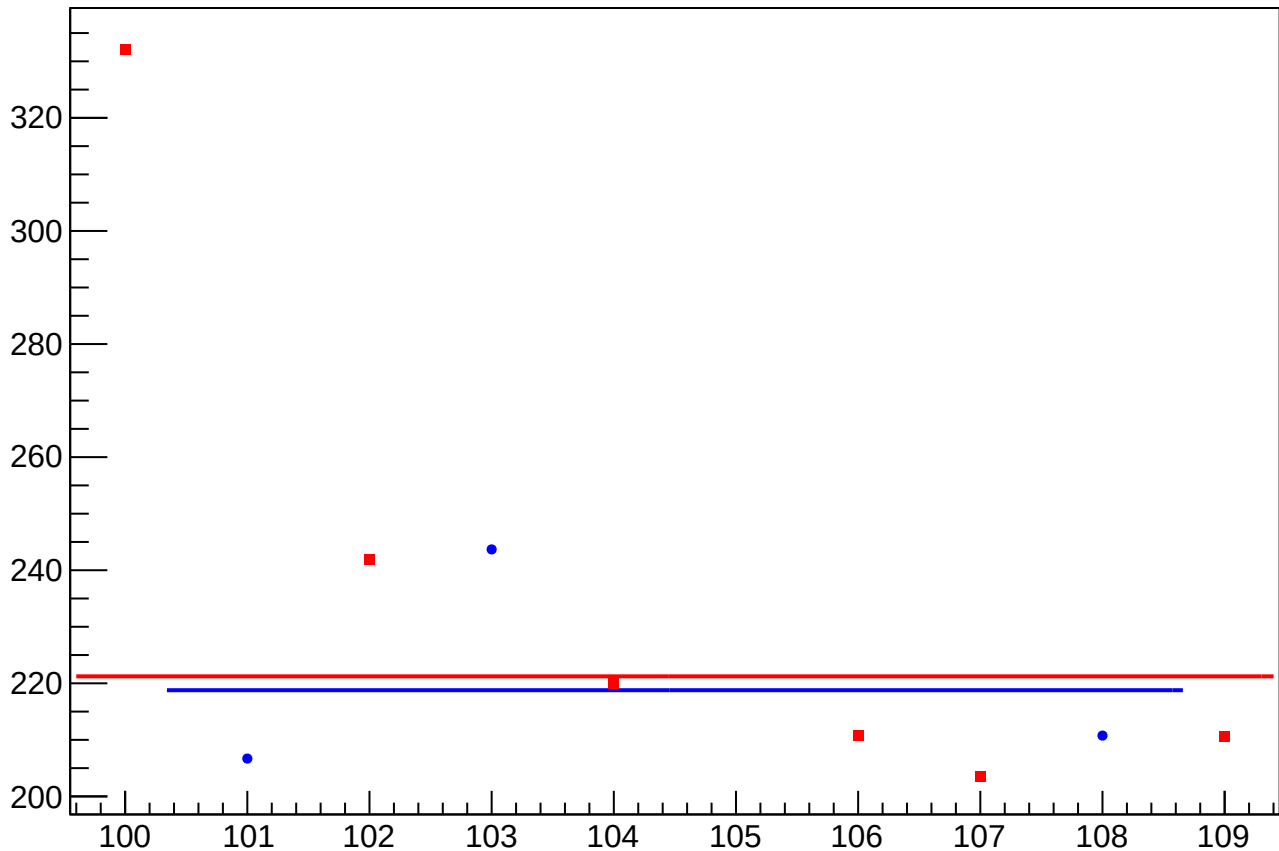
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.268 $\pm$ 112.095 χ^2 /NDF: 9.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 218.780 $\pm$ 0.121 χ^2 /NDF: 18123.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 221.233 $\pm$ 0.105 χ^2 /NDF: 33166.2/5

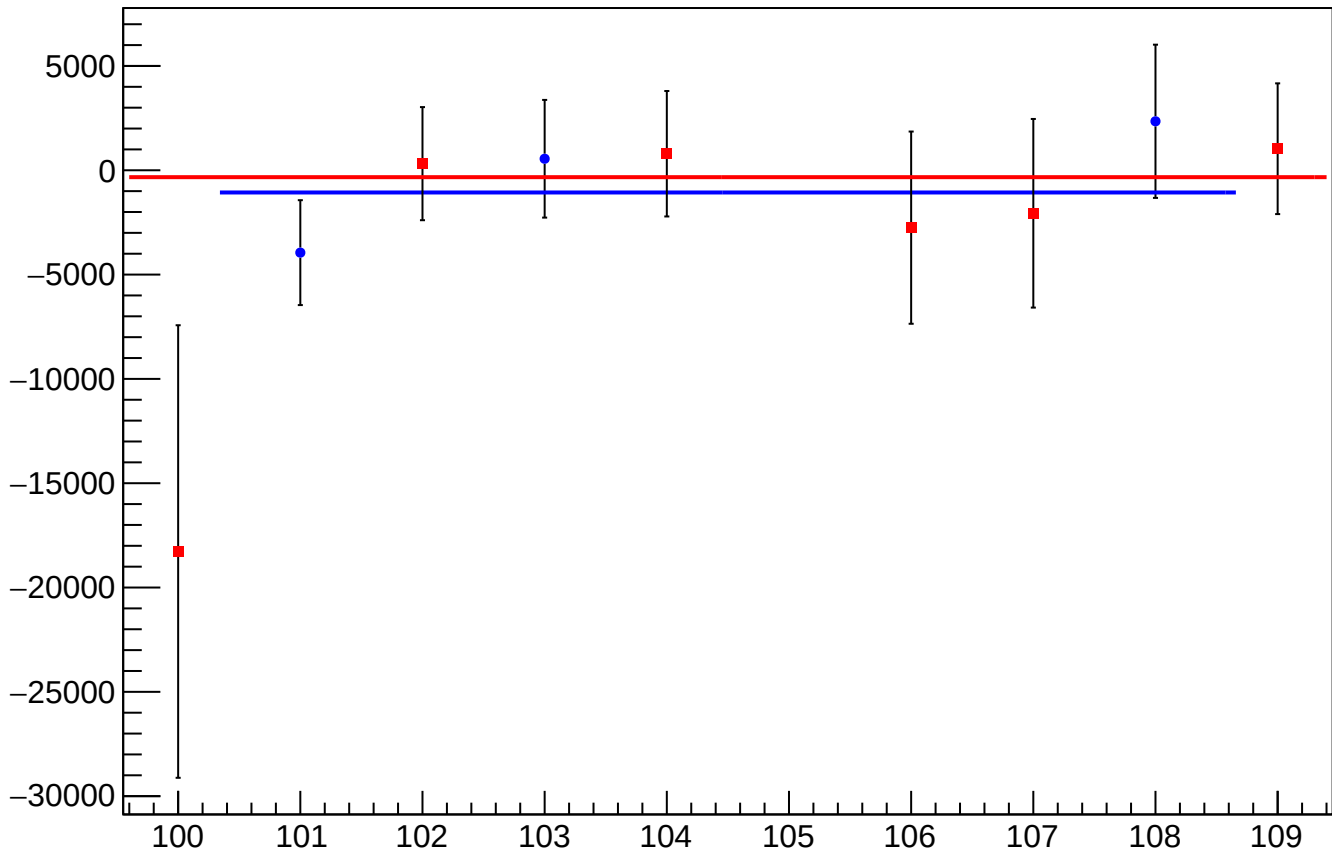
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 220.186 $\pm$ 0.079 χ^2 /NDF: 51524.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_mean vs Slug



Right In: -1064.565+/-1671.127 χ^2 /NDF: 2.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -330.597+/-1485.551 χ^2 /NDF: 3.5/5

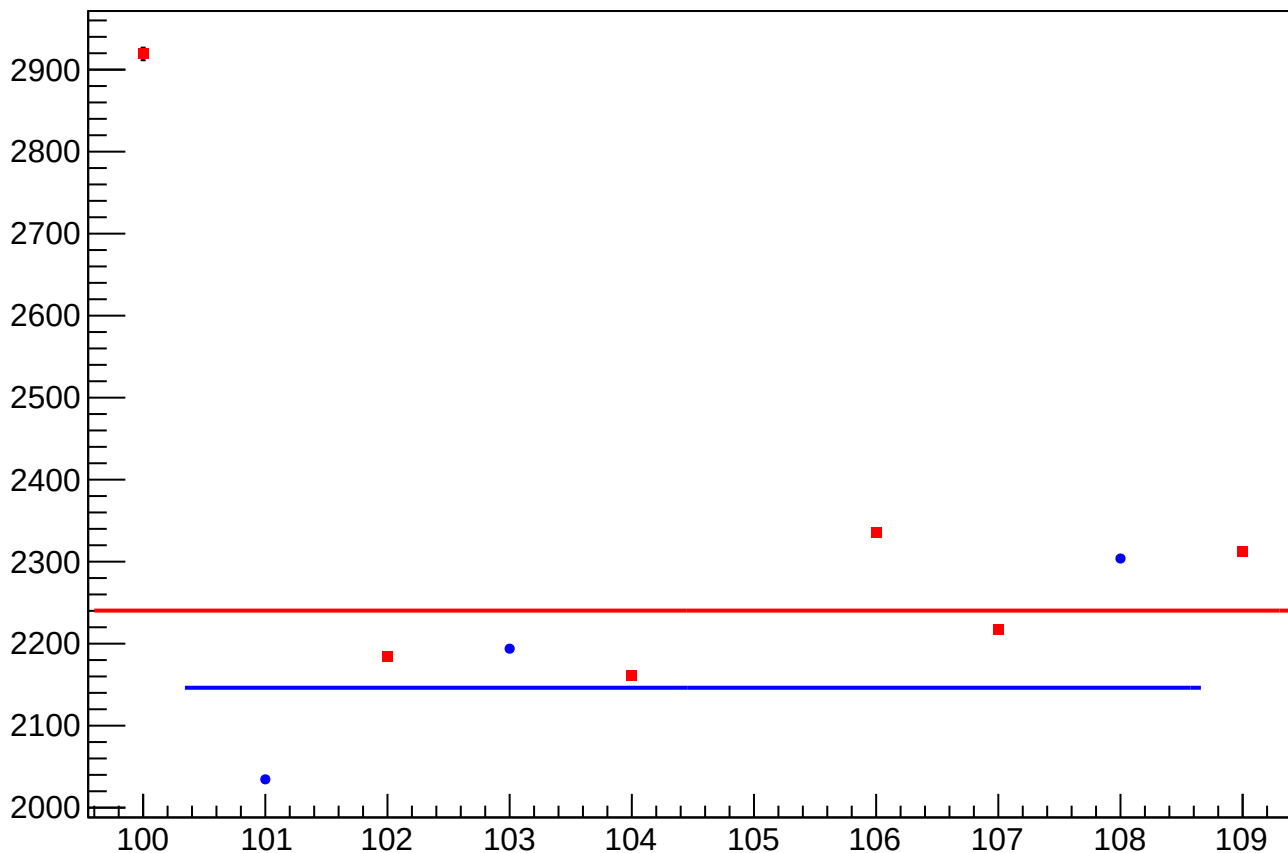
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -654.581+/-1110.280 χ^2 /NDF: 6.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 2146.239+/-1.182 χ^2/NDF : 8202.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2240.333+/-1.050 χ^2/NDF : 12021.3/5

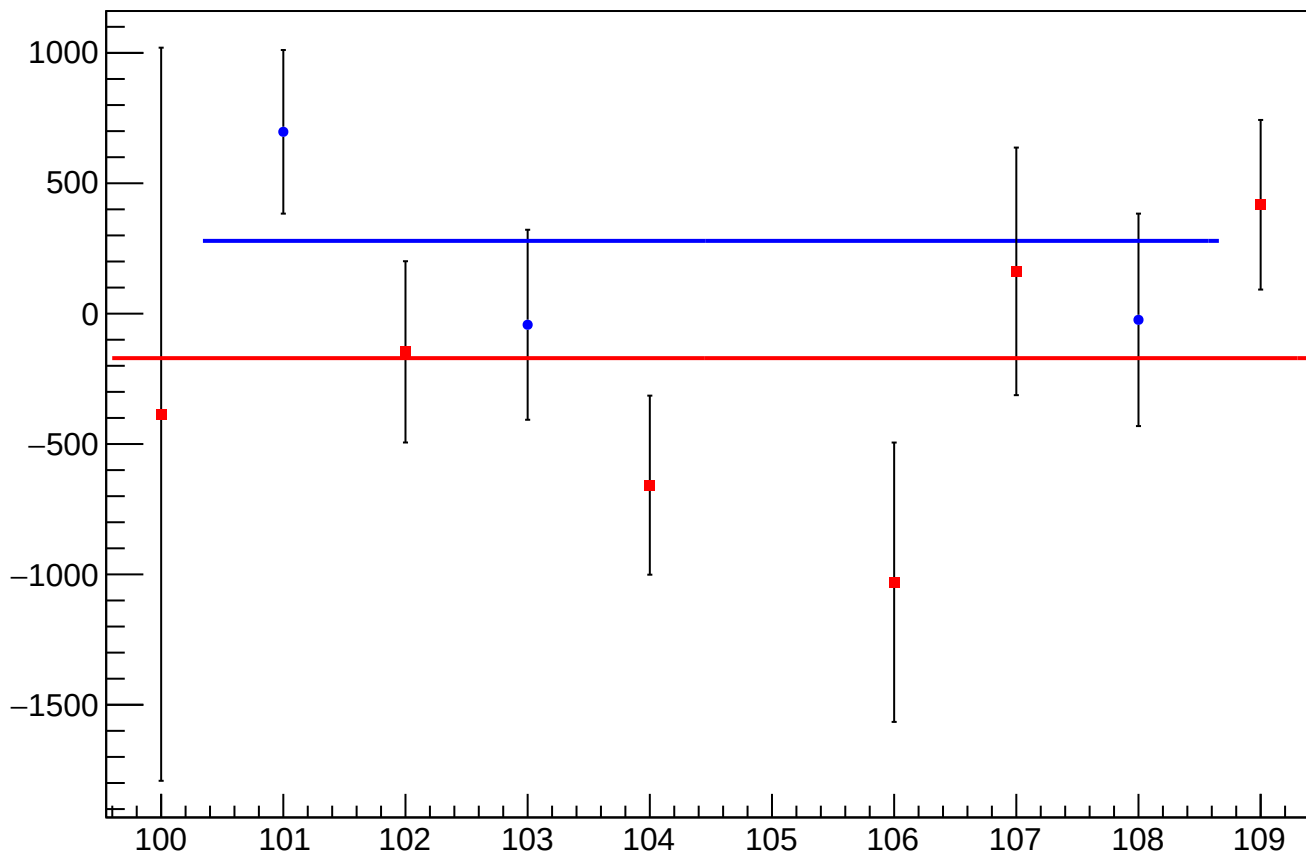
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2198.799+/-0.785 χ^2/NDF : 23765.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 279.107 $\pm$ 205.341 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -170.621 $\pm$ 169.911 χ^2 /NDF: 8.4/5

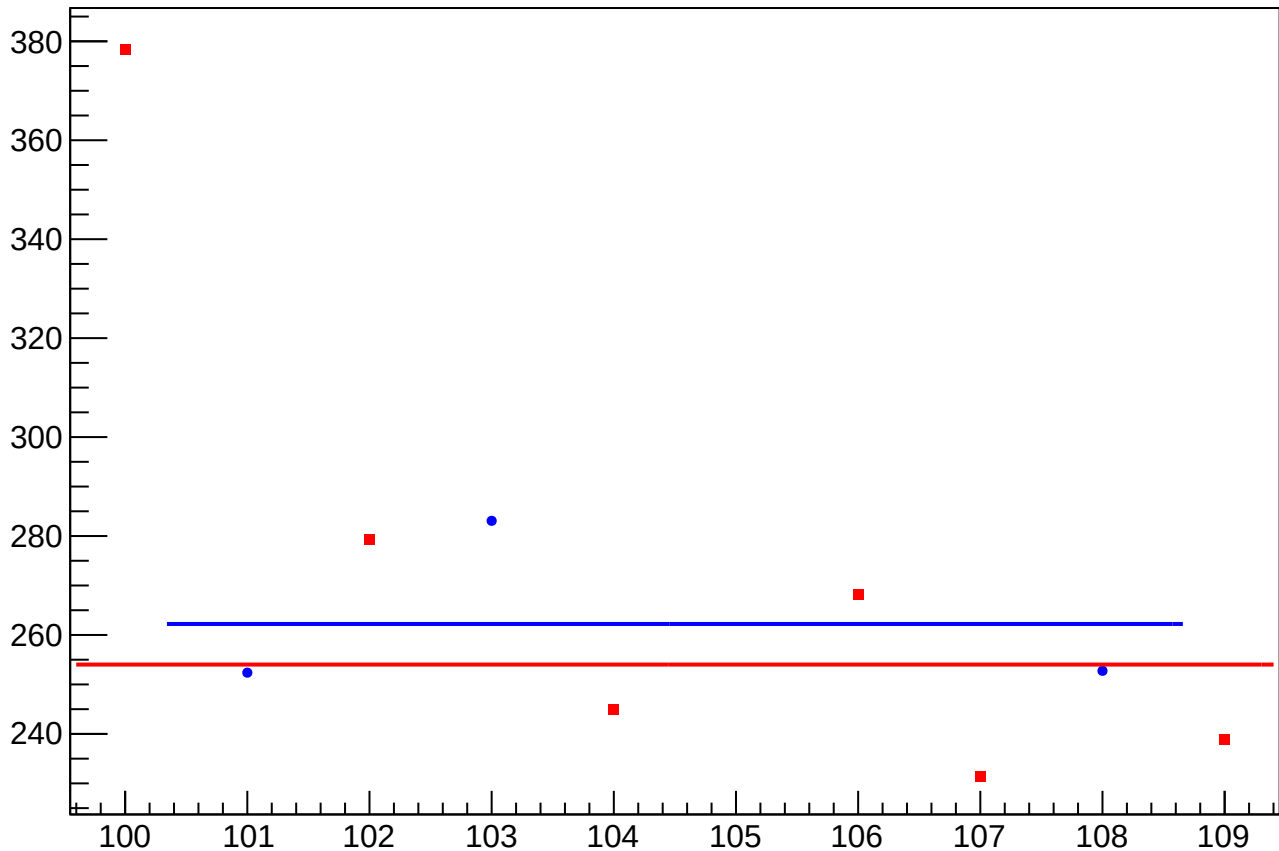
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.157 $\pm$ 130.907 χ^2 /NDF: 14.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 262.224 $\pm$ 0.145 χ^2 /NDF: 9595.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 254.018 $\pm$ 0.120 χ^2 /NDF: 37894.9/5

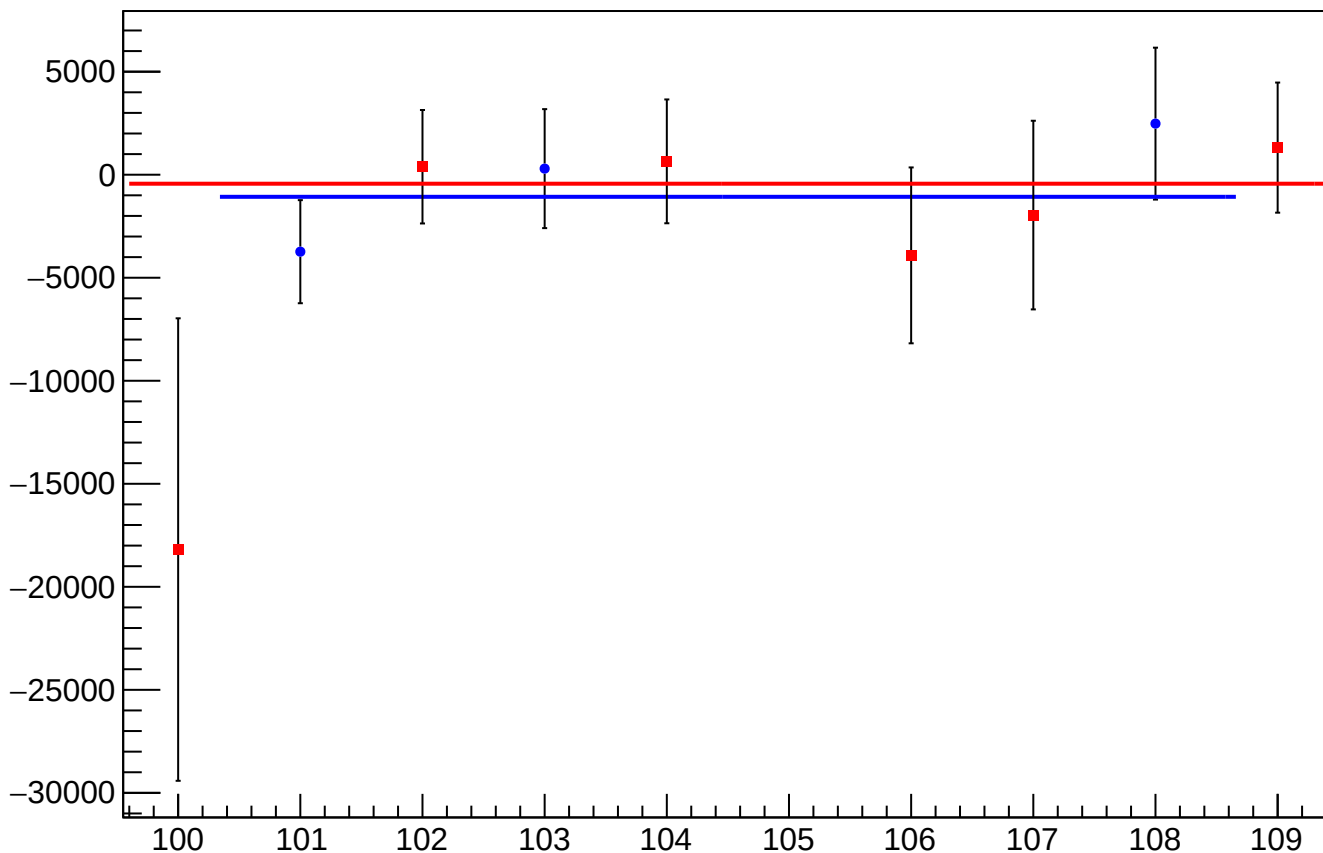
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.353 $\pm$ 0.093 χ^2 /NDF: 49386.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_mean vs Slug



Right In: -1072.300+/-1682.286 χ^2 /NDF: 2.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -436.556+/-1484.873 χ^2 /NDF: 3.8/5

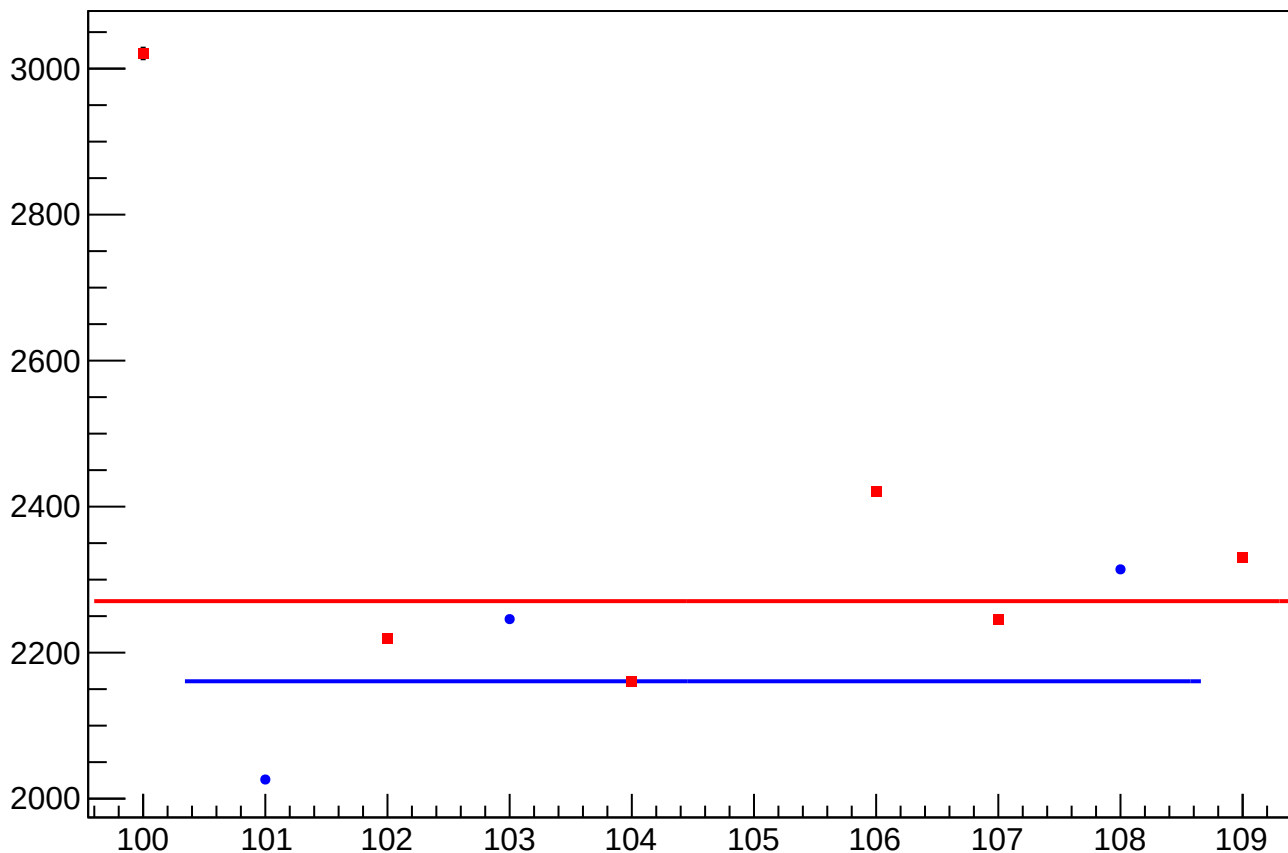
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -714.954+/-1113.249 χ^2 /NDF: 6.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 2160.777 $\pm$ 1.190 χ^2 /NDF: 10986.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2270.542 $\pm$ 1.050 χ^2 /NDF: 15619.3/5

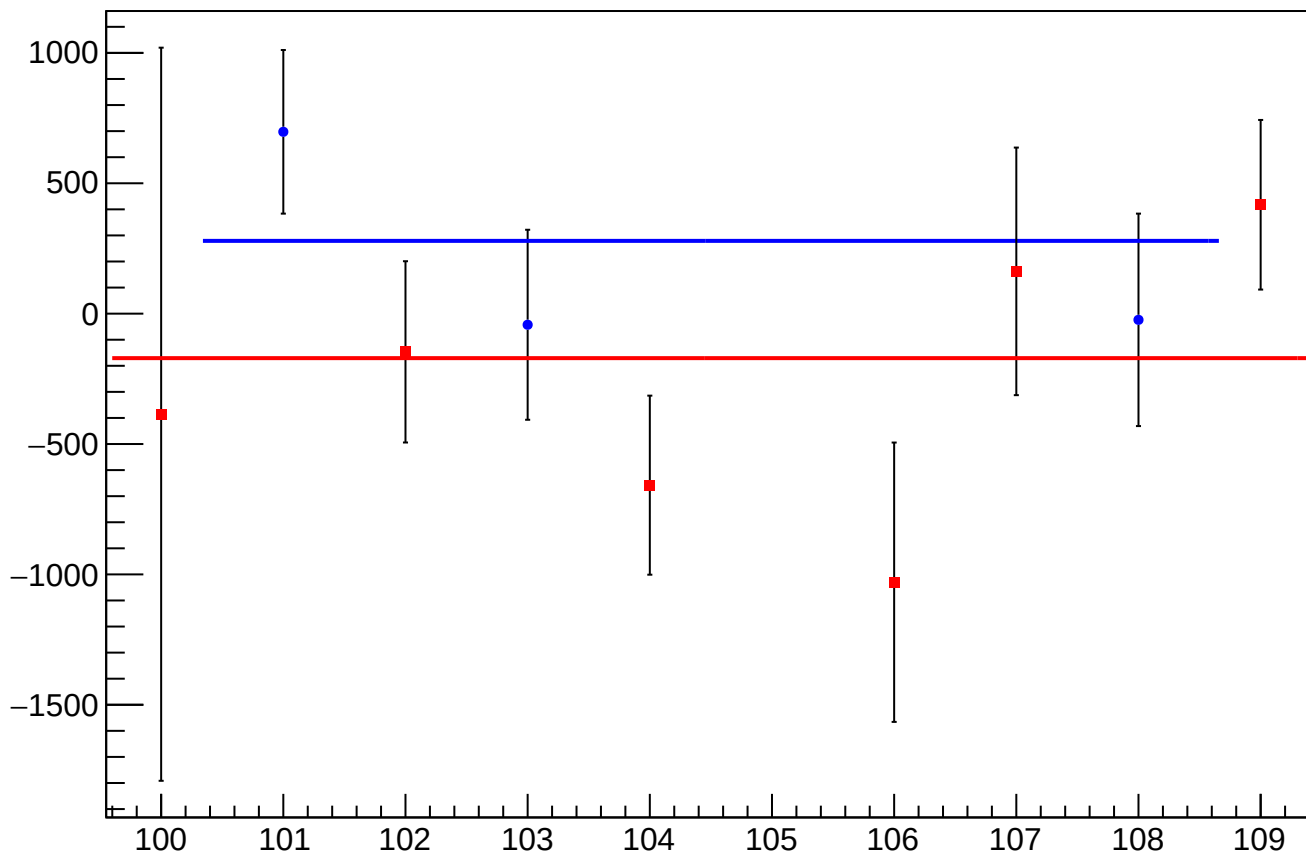
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2222.475 $\pm$ 0.787 χ^2 /NDF: 31391.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_avg_mean vs Slug



Right In: 279.103 $\pm$ 205.341 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -170.624 $\pm$ 169.911 χ^2 /NDF: 8.4/5

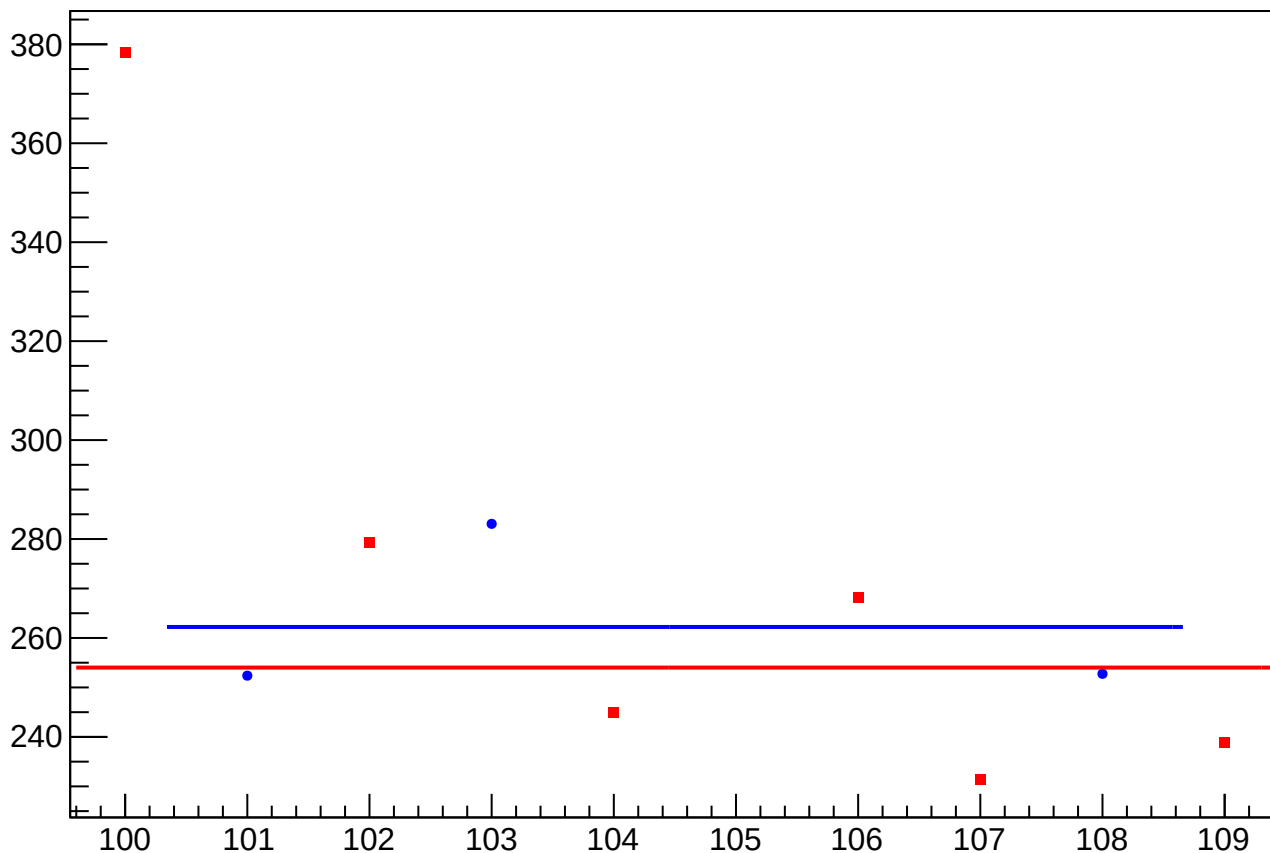
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.154 $\pm$ 130.907 χ^2 /NDF: 14.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 262.224 $\pm$ 0.145 χ^2 /NDF: 9594.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 254.017 $\pm$ 0.120 χ^2 /NDF: 37894.1/5

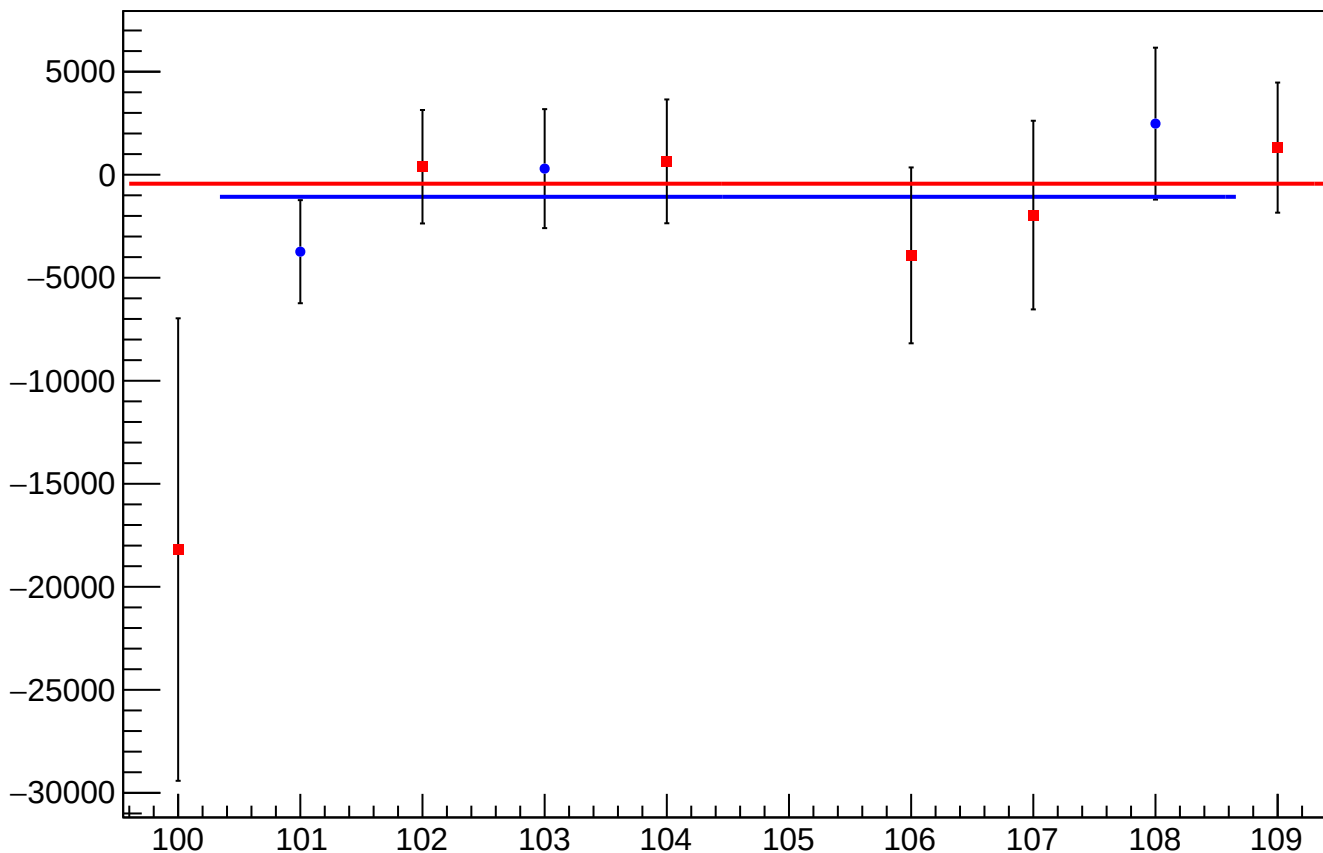
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.353 $\pm$ 0.093 χ^2 /NDF: 49384.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_correction_mean vs Slug



Right In: -1072.299 $\pm$ 1682.283 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -436.554 $\pm$ 1484.869 χ^2 /NDF: 3.8/5

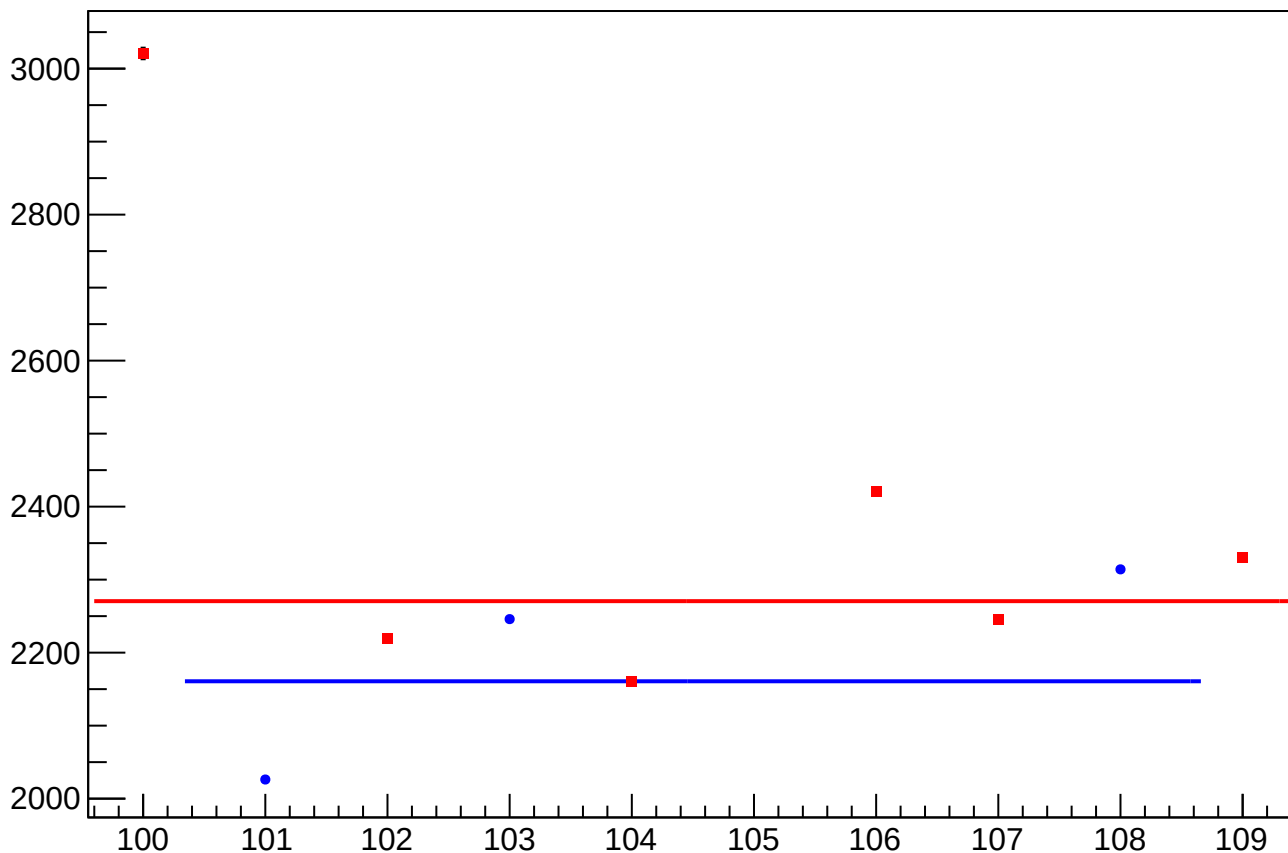
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -714.953 $\pm$ 1113.246 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 2160.773 $\pm$ 1.190 χ^2 /NDF: 10986.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2270.537 $\pm$ 1.050 χ^2 /NDF: 15619.7/5

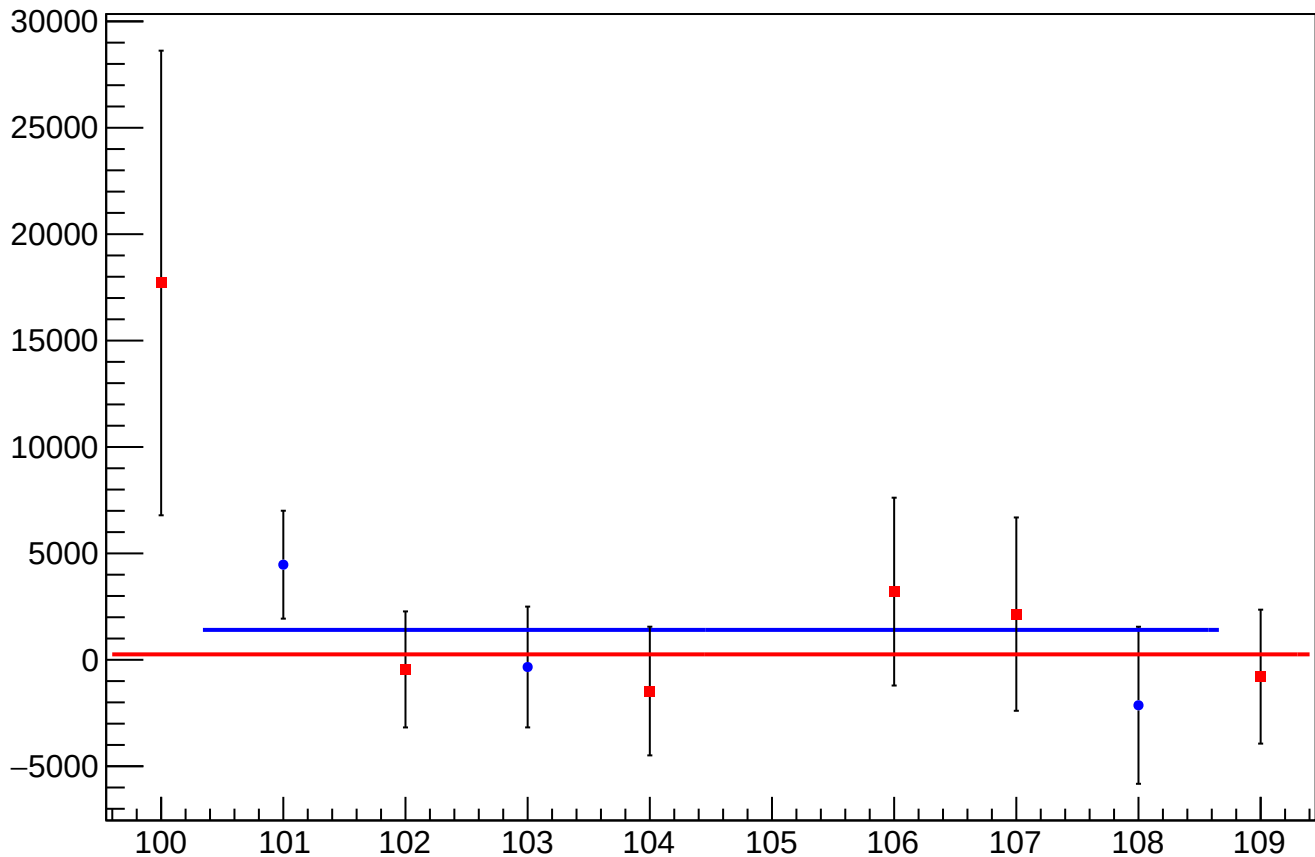
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2222.470 $\pm$ 0.787 χ^2 /NDF: 31391.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_mean vs Slug



Right In: 1405.940 $\pm$ 1682.676 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 256.220 $\pm$ 1485.468 χ^2 /NDF: 3.7/5

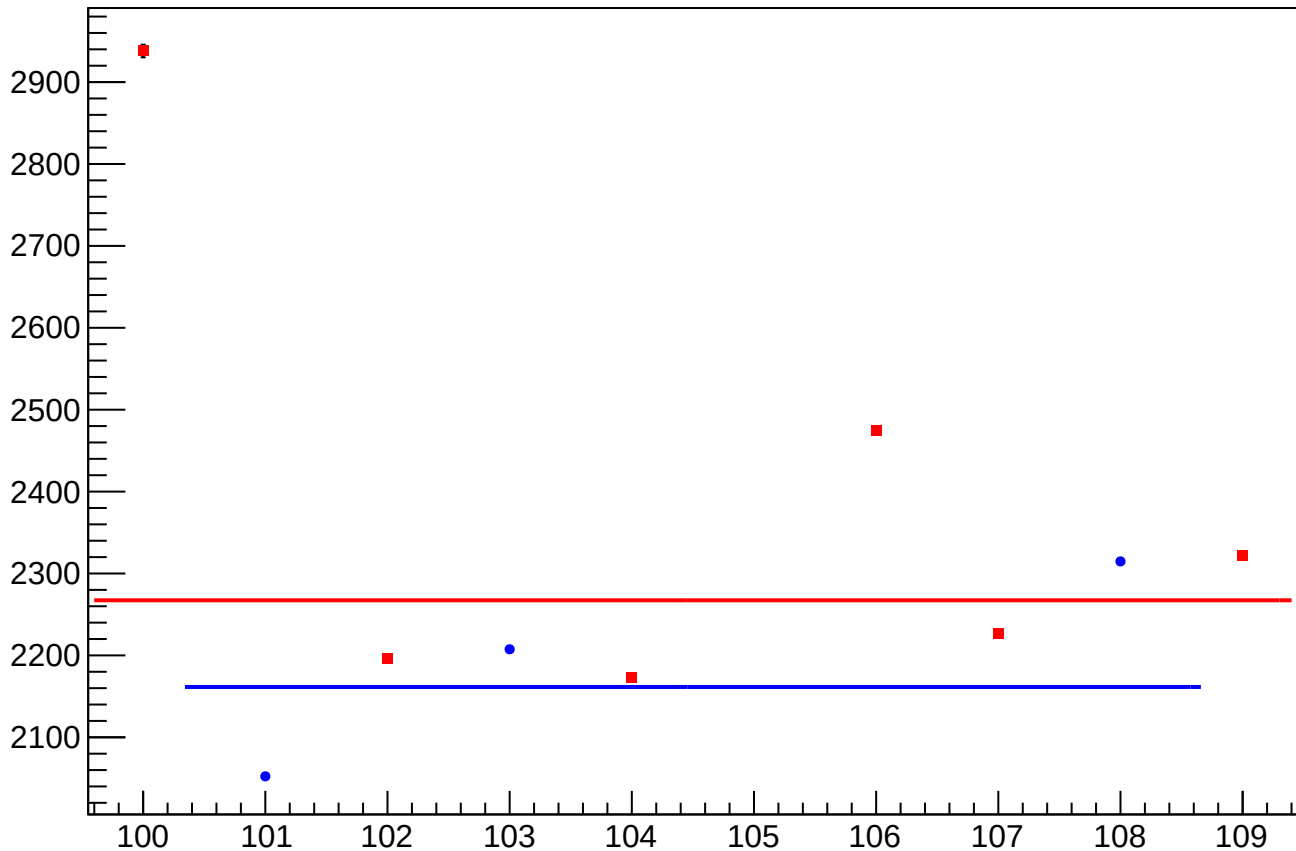
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 759.790 $\pm$ 1113.613 χ^2 /NDF: 6.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_rms vs Slug



Right In: 2161.457+/-1.190 χ^2/NDF : 7683.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2267.272+/-1.050 χ^2/NDF : 15988.4/5

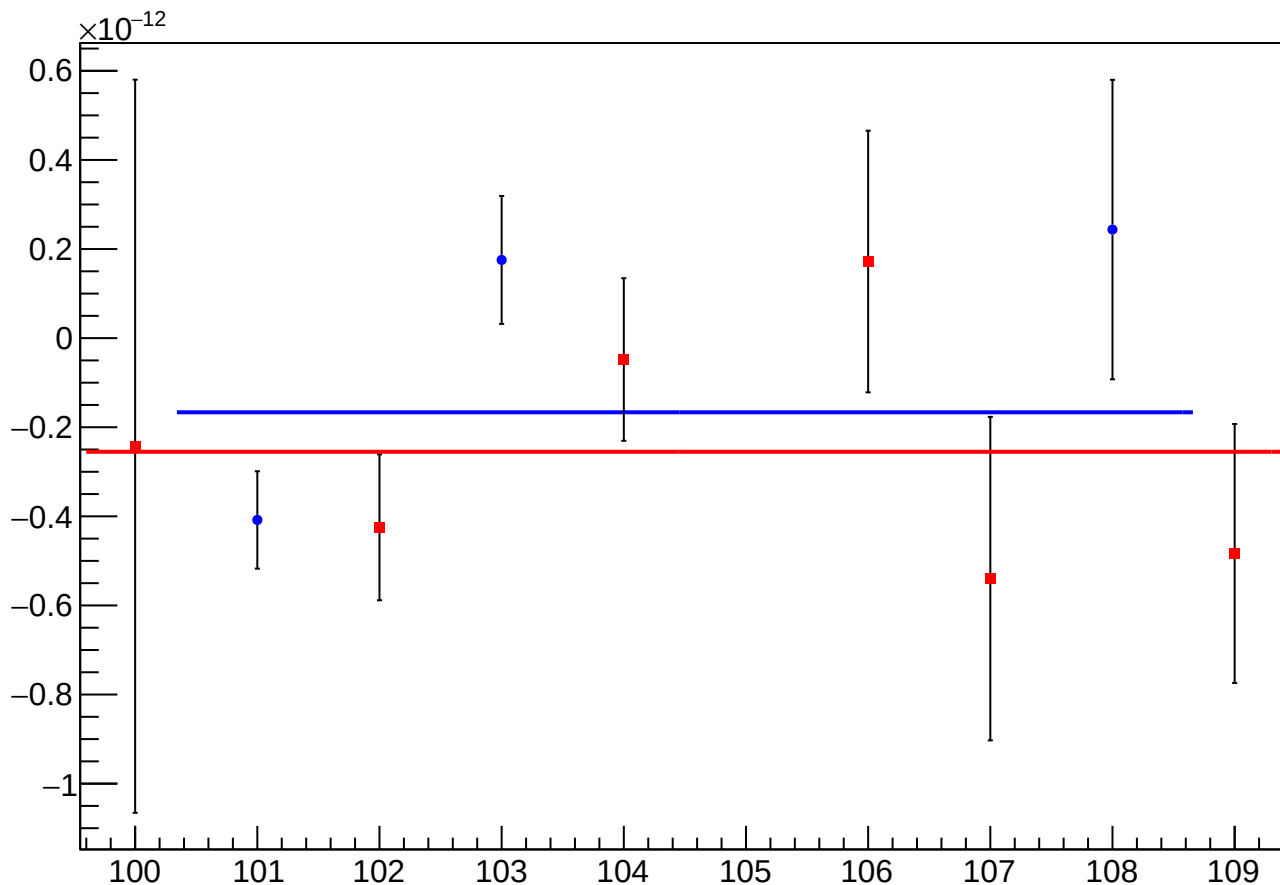
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2220.926+/-0.787 χ^2/NDF : 28116.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 12.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.7/5

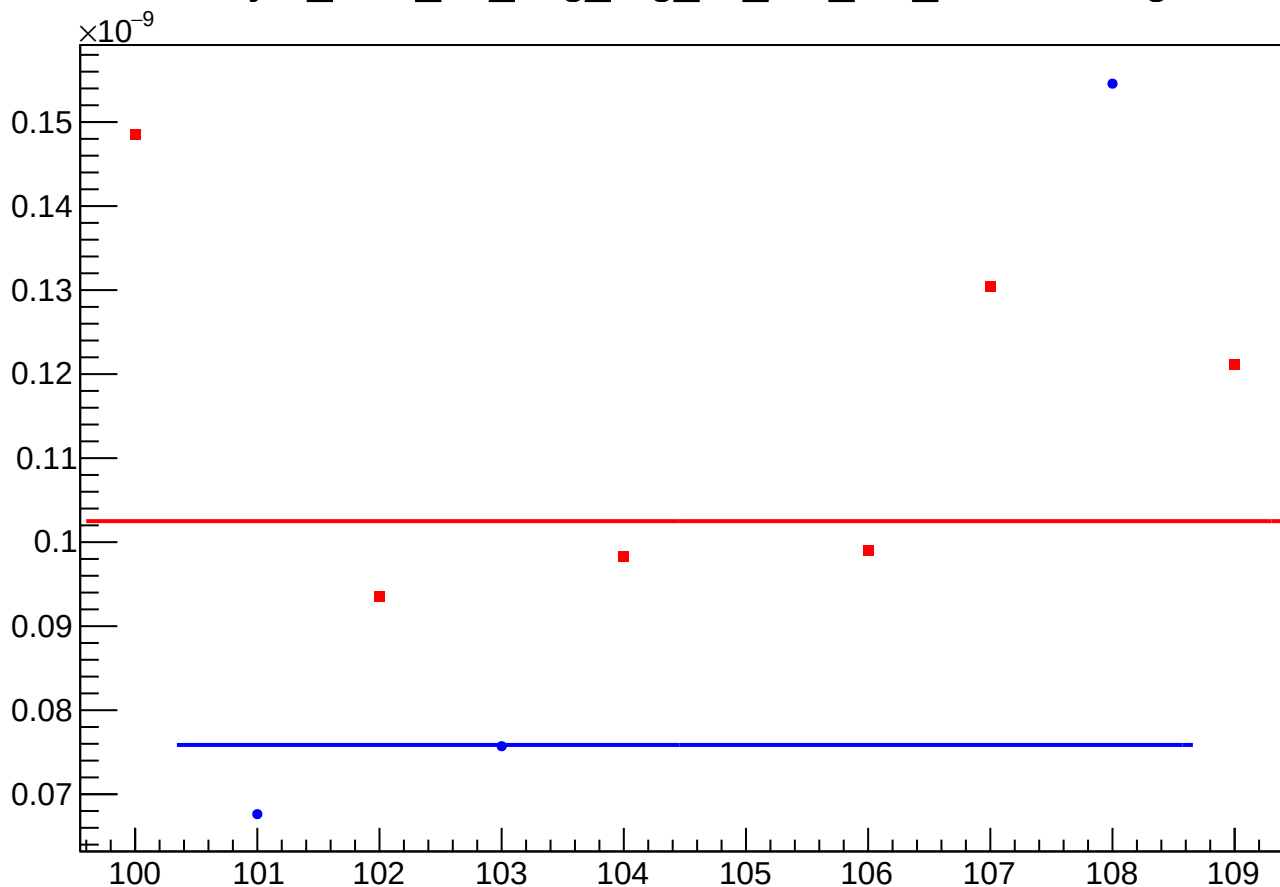
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 18.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 121025.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 33619.0/5

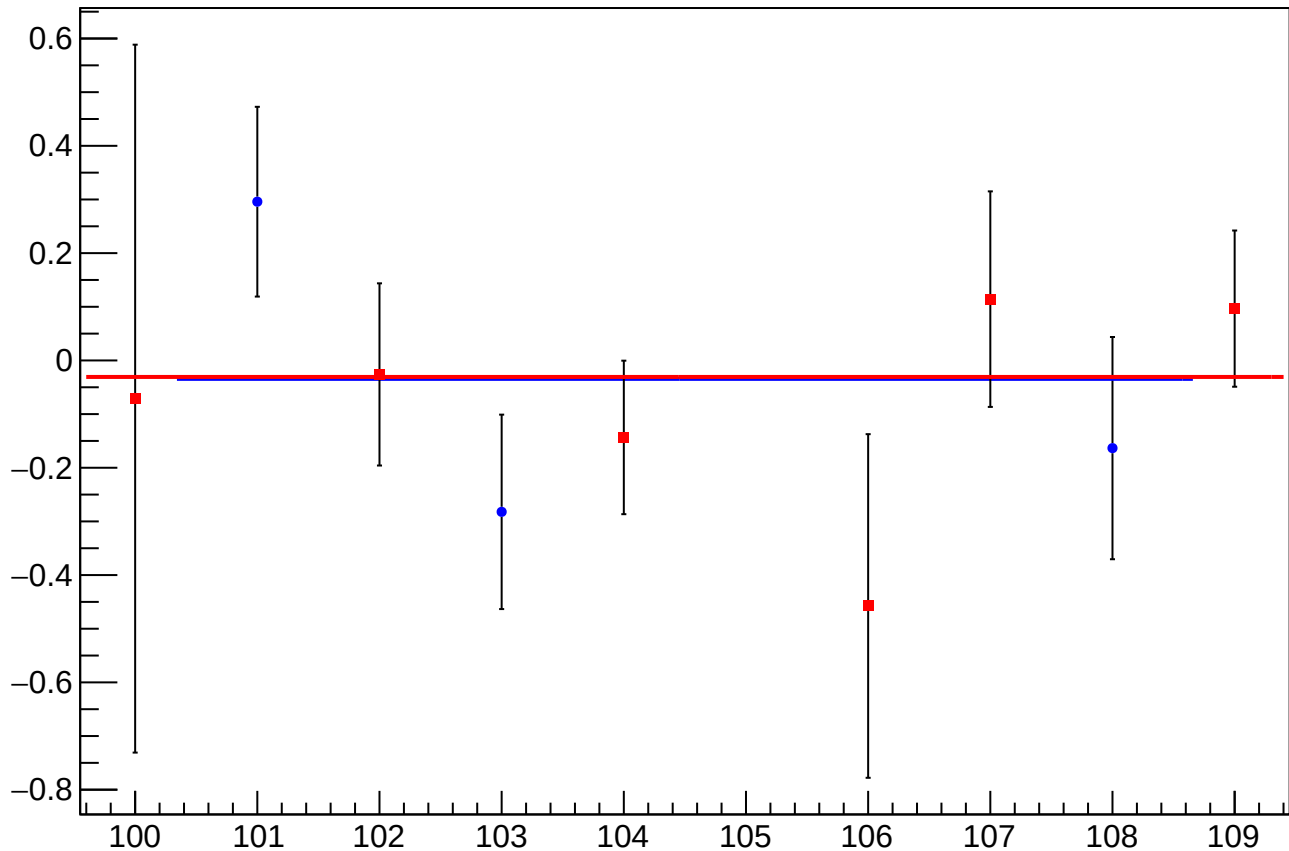
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 237586.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.034 $\pm$ 0.108 χ^2 /NDF: 5.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.031 $\pm$ 0.077 χ^2 /NDF: 3.7/5

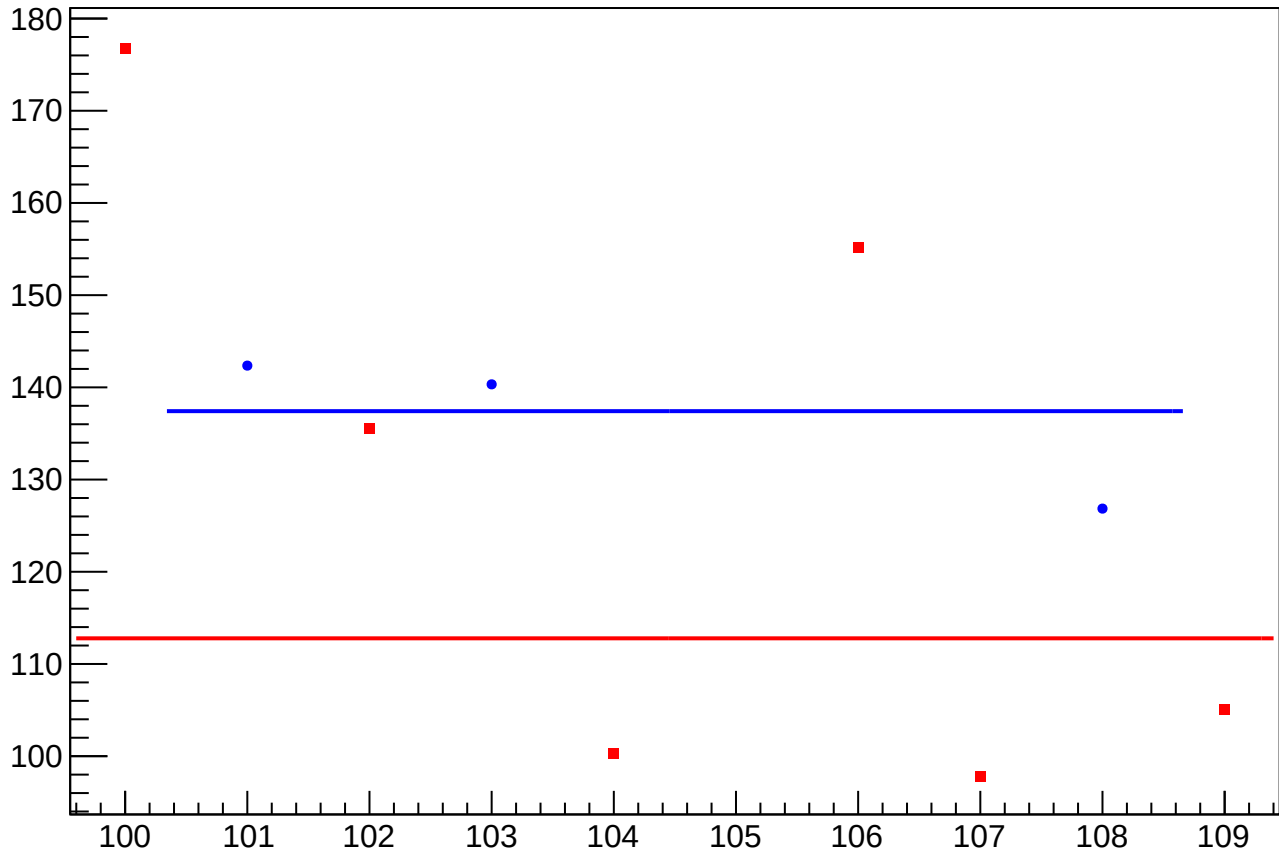
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.032 $\pm$ 0.063 χ^2 /NDF: 9.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



Right In: 137.420 $\pm$ 0.076 χ^2 /NDF: 7285.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.781 $\pm$ 0.055 χ^2 /NDF: 121893.0/5

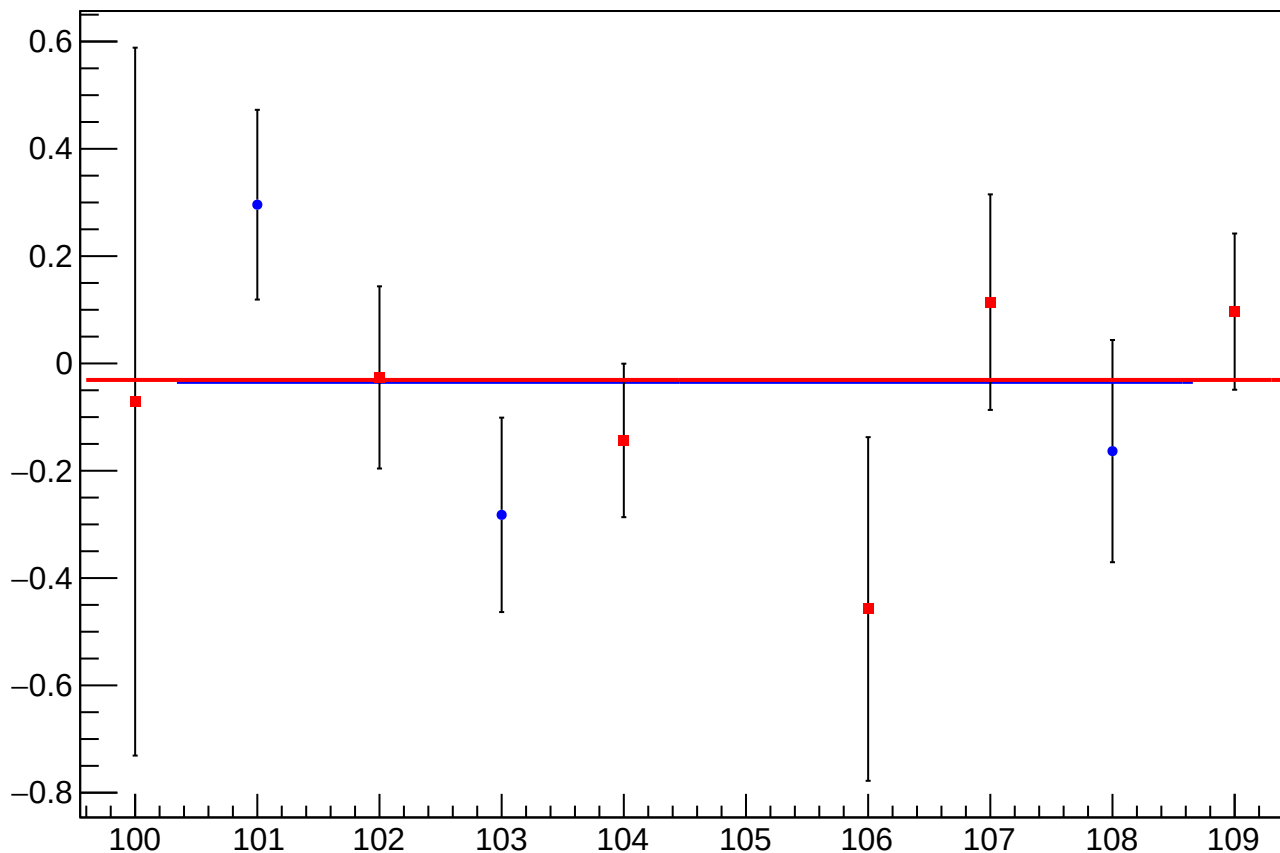
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.122 $\pm$ 0.044 χ^2 /NDF: 198055.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.034 $\pm$ 0.108 χ^2 /NDF: 5.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.031 $\pm$ 0.077 χ^2 /NDF: 3.7/5

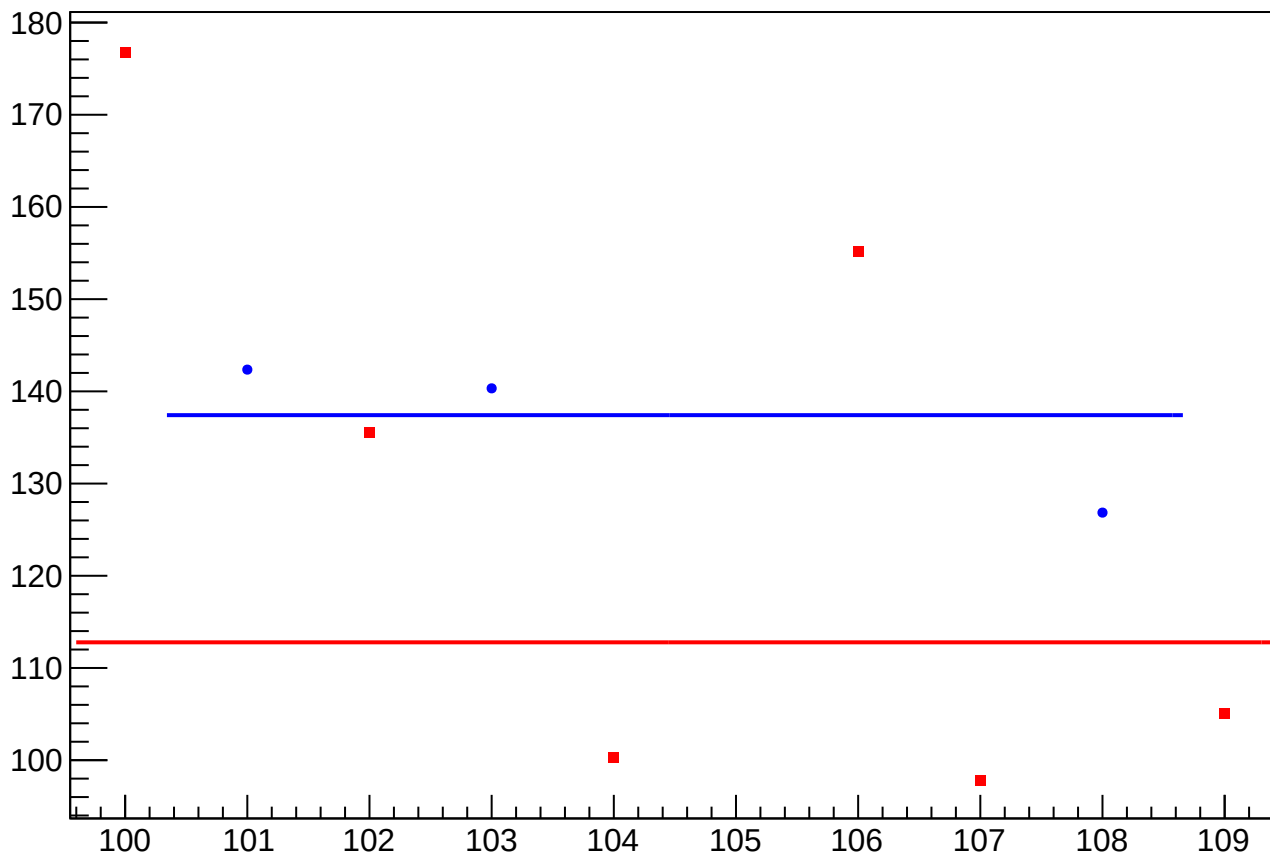
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.032 $\pm$ 0.063 χ^2 /NDF: 9.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 137.420 $\pm$ 0.076 χ^2 /NDF: 7285.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.781 $\pm$ 0.055 χ^2 /NDF: 121893.0/5

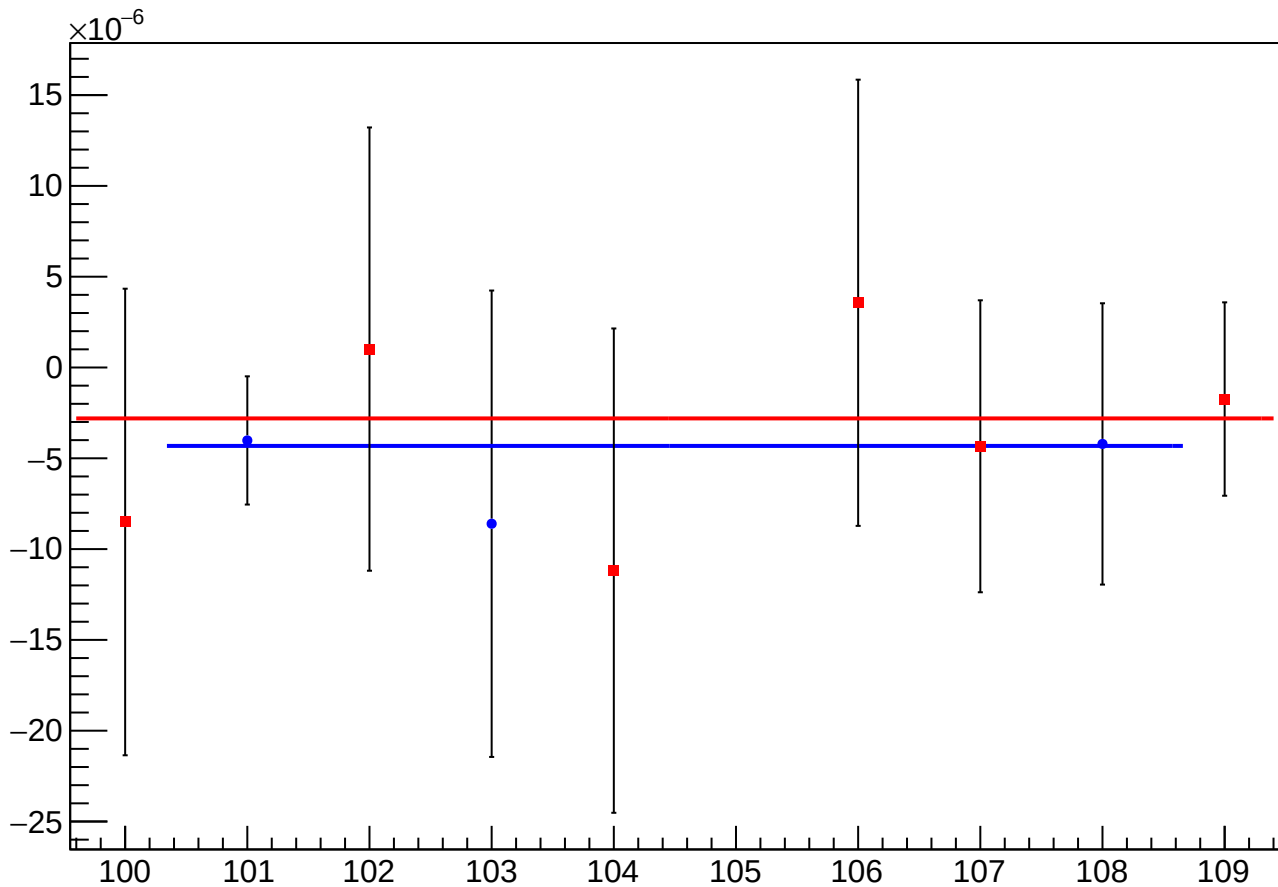
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.122 $\pm$ 0.044 χ^2 /NDF: 198055.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 1.0/5

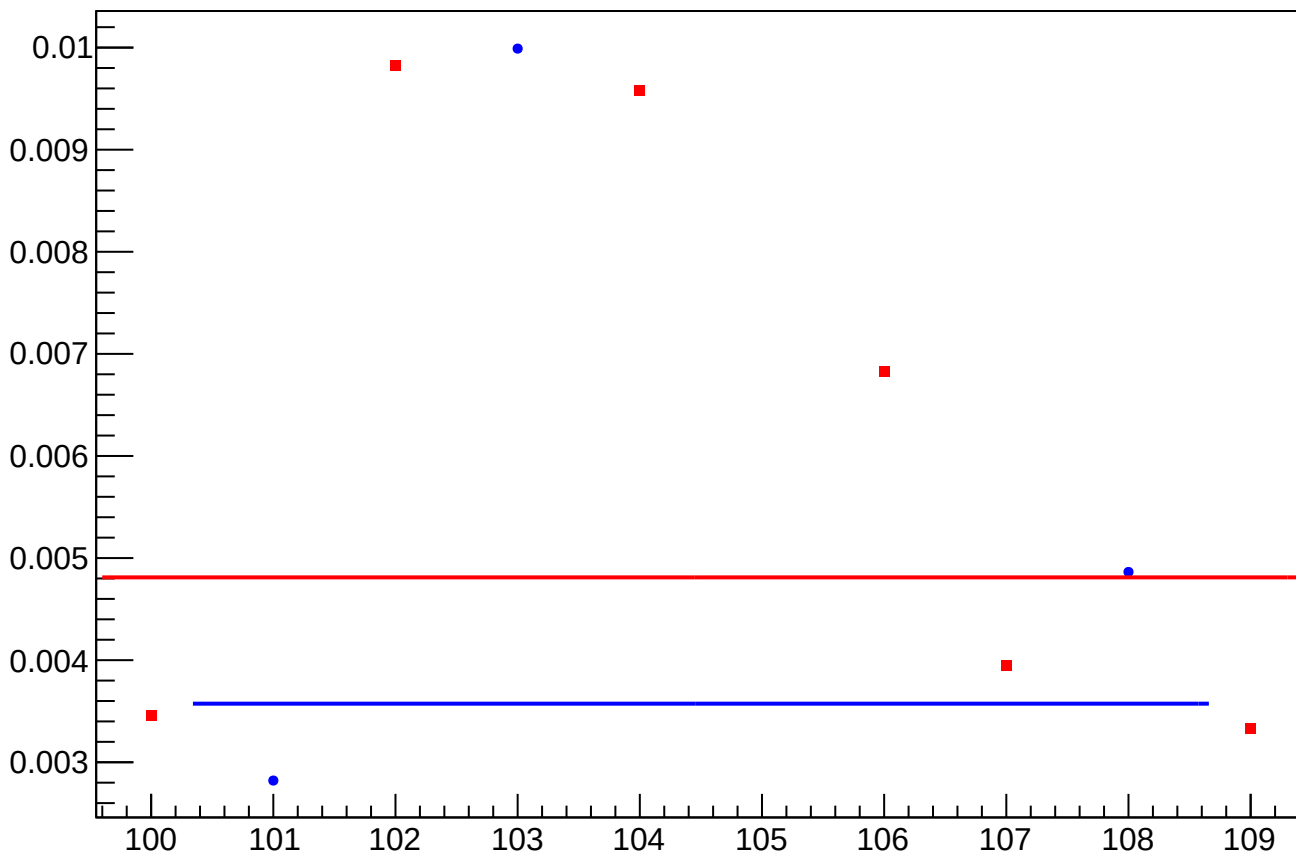
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 645759.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.005 $\pm$ 0.000 χ^2 /NDF: 846847.4/5

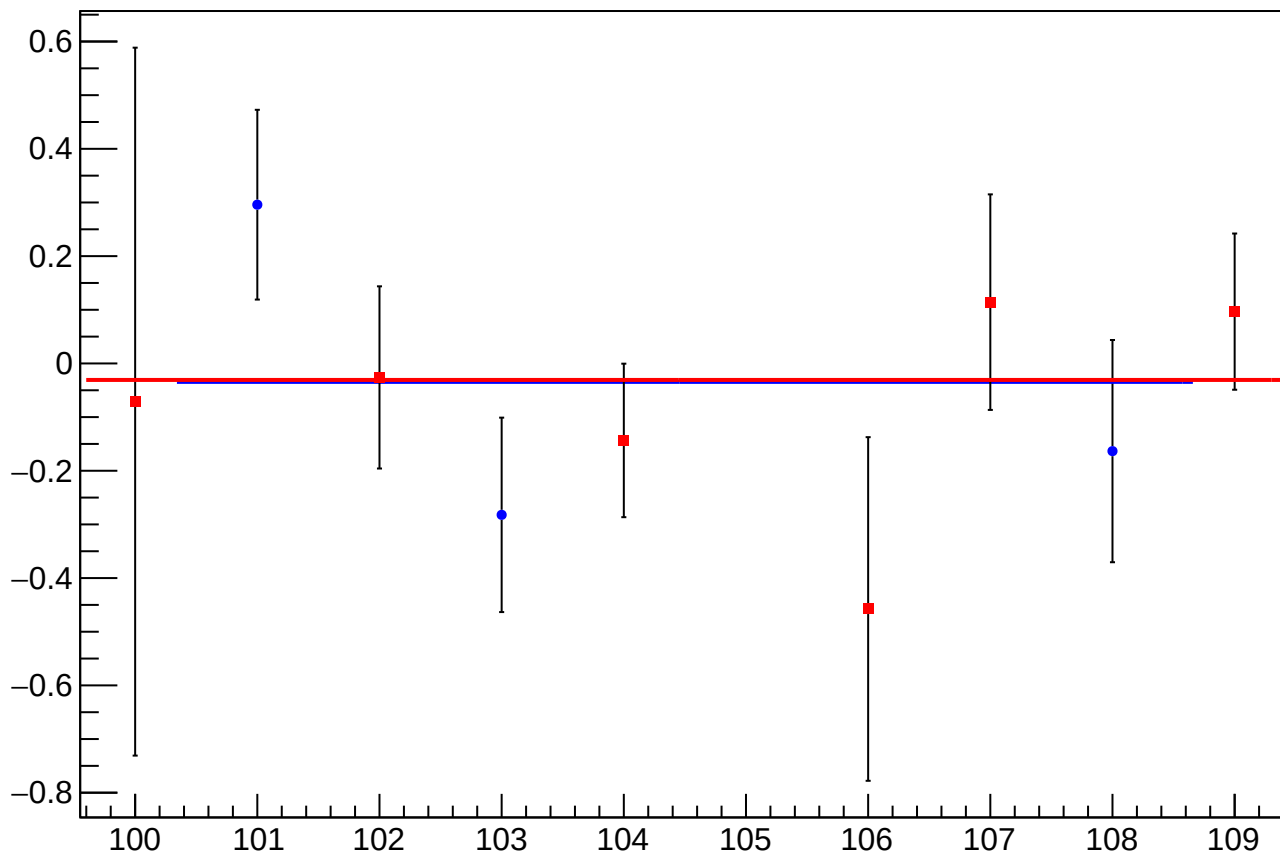
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.000 χ^2 /NDF: 1626177.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.034±0.108 χ^2/NDF : 5.7/2

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -0.031±0.077 χ^2/NDF : 3.7/5

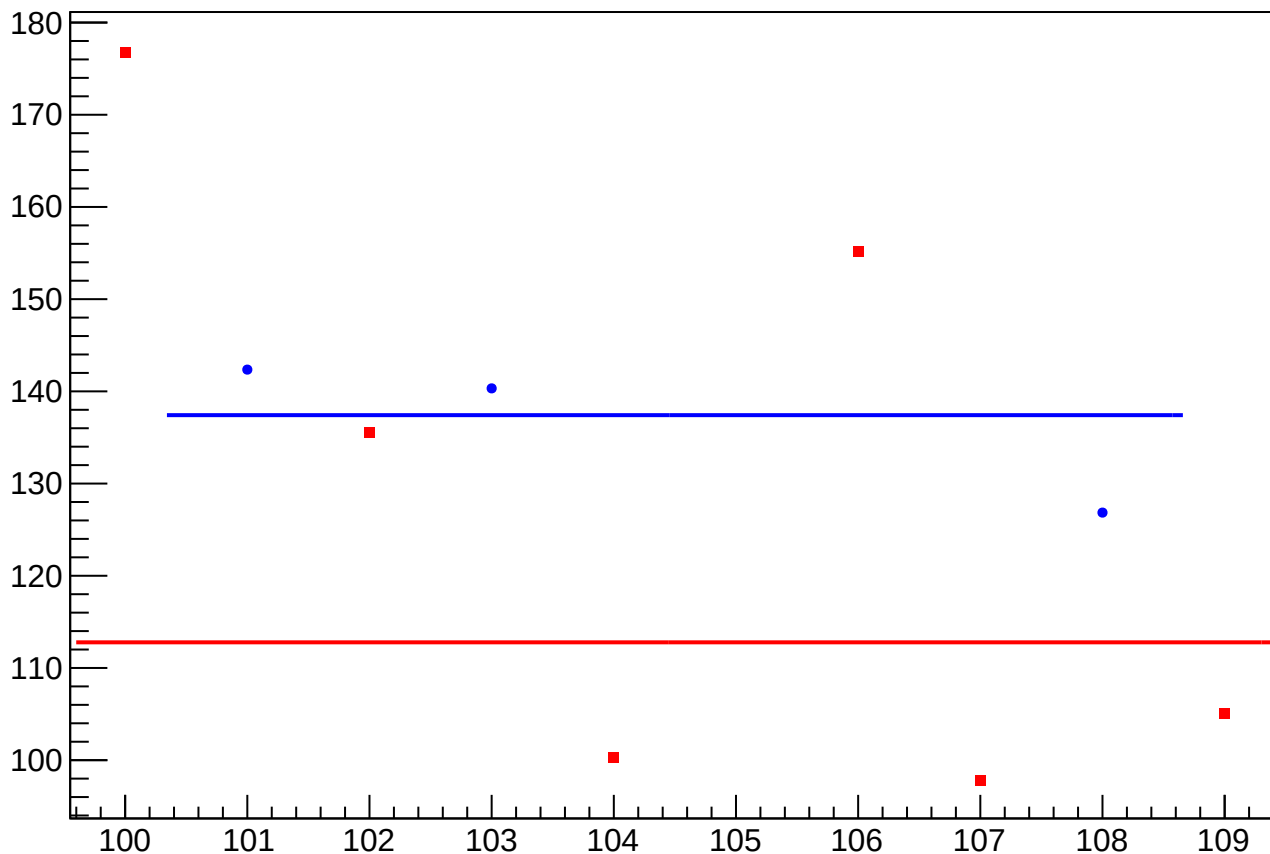
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -0.032±0.063 χ^2/NDF : 9.4/8

- sign 0.000±0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 137.420 $\pm$ 0.076 χ^2 /NDF: 7283.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.780 $\pm$ 0.055 χ^2 /NDF: 121890.2/5

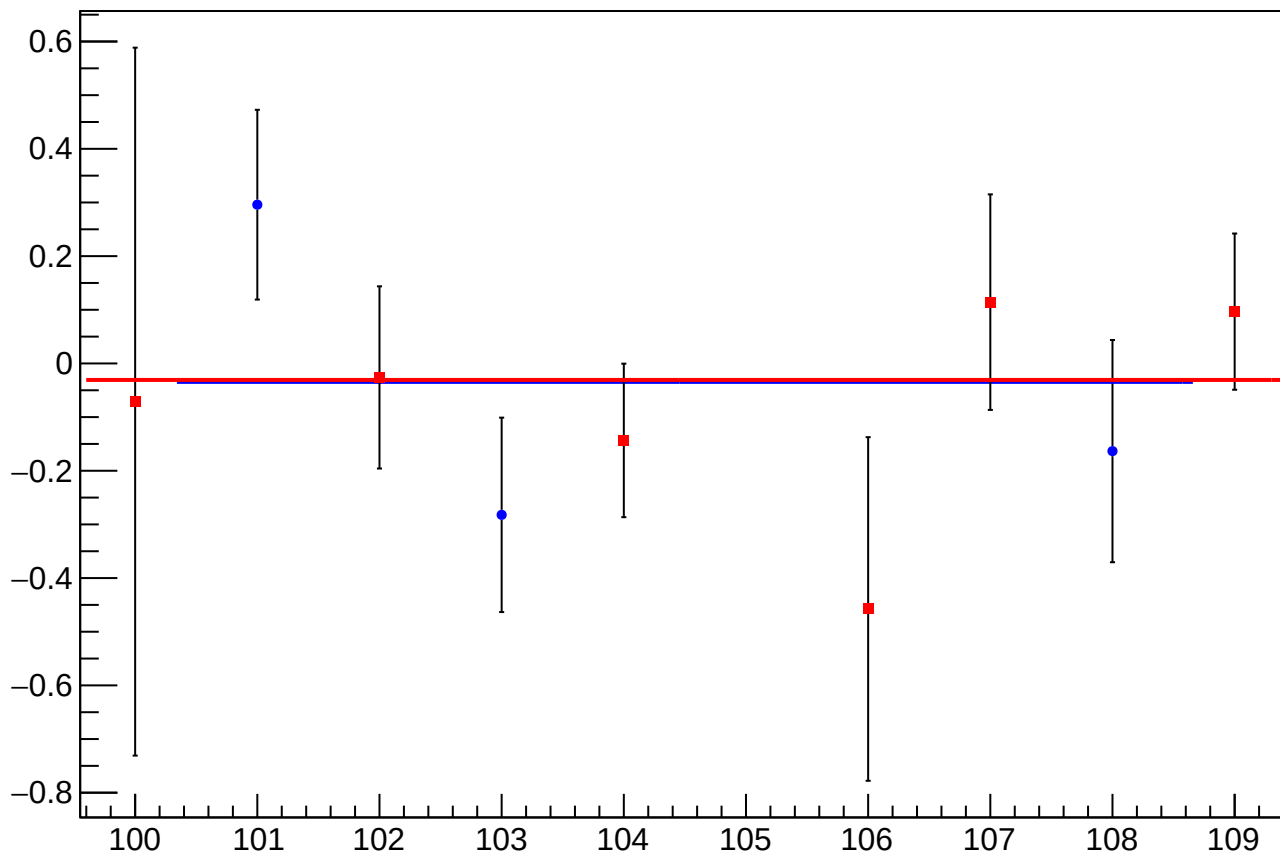
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.121 $\pm$ 0.044 χ^2 /NDF: 198054.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.034 $\pm$ 0.108 χ^2 /NDF: 5.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.031 $\pm$ 0.077 χ^2 /NDF: 3.7/5

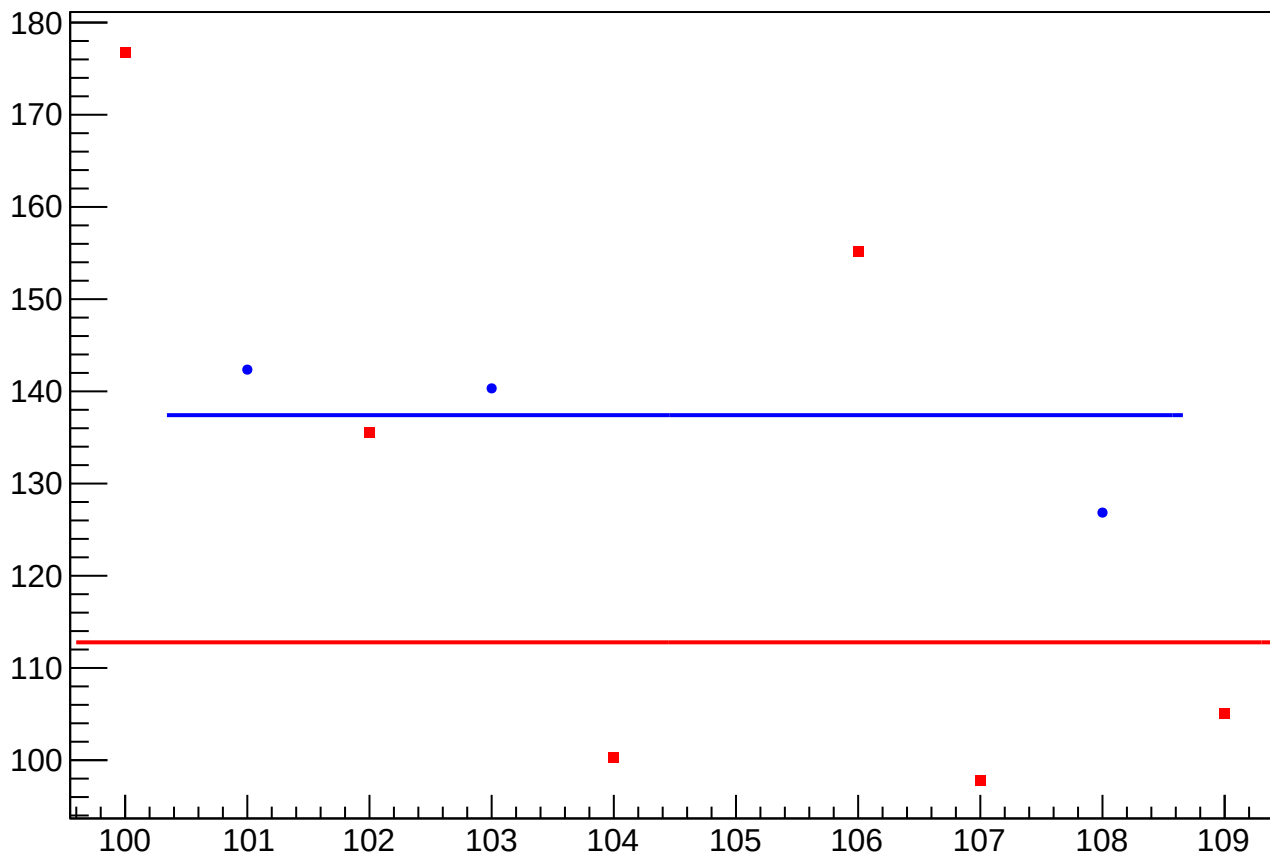
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.032 $\pm$ 0.063 χ^2 /NDF: 9.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 137.420 $\pm$ 0.076 χ^2 /NDF: 7283.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.780 $\pm$ 0.055 χ^2 /NDF: 121890.2/5

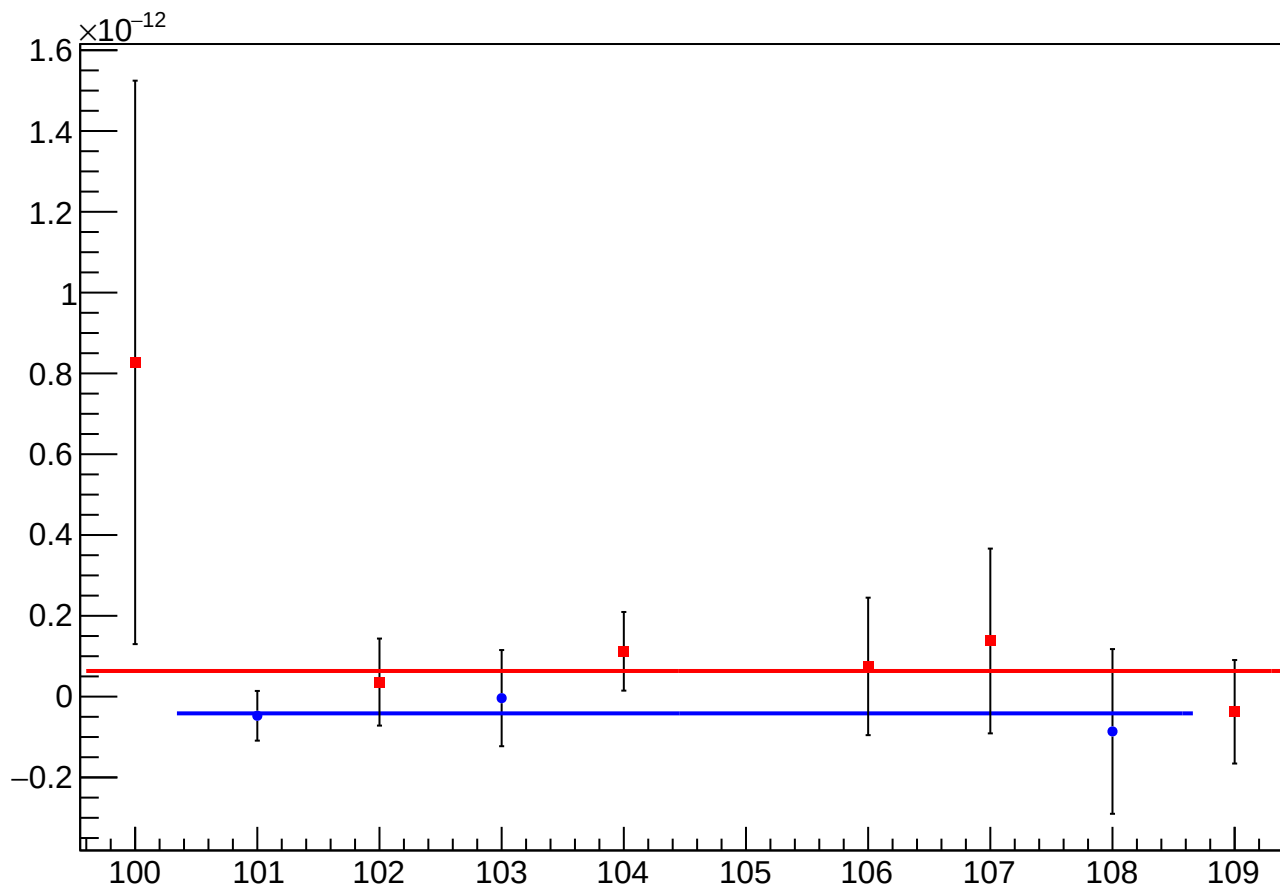
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 121.121 $\pm$ 0.044 χ^2 /NDF: 198054.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.2/5

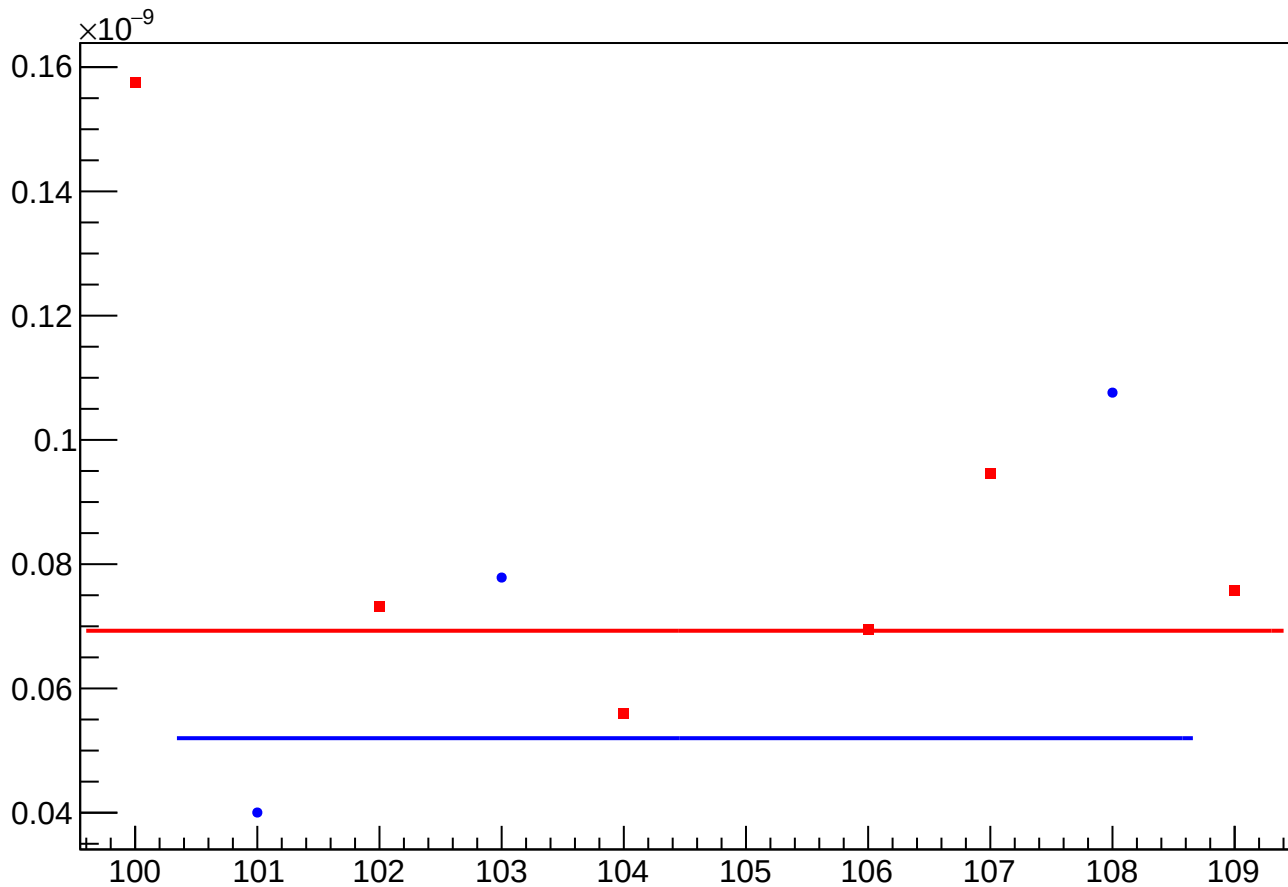
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 318895.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 101685.9/5

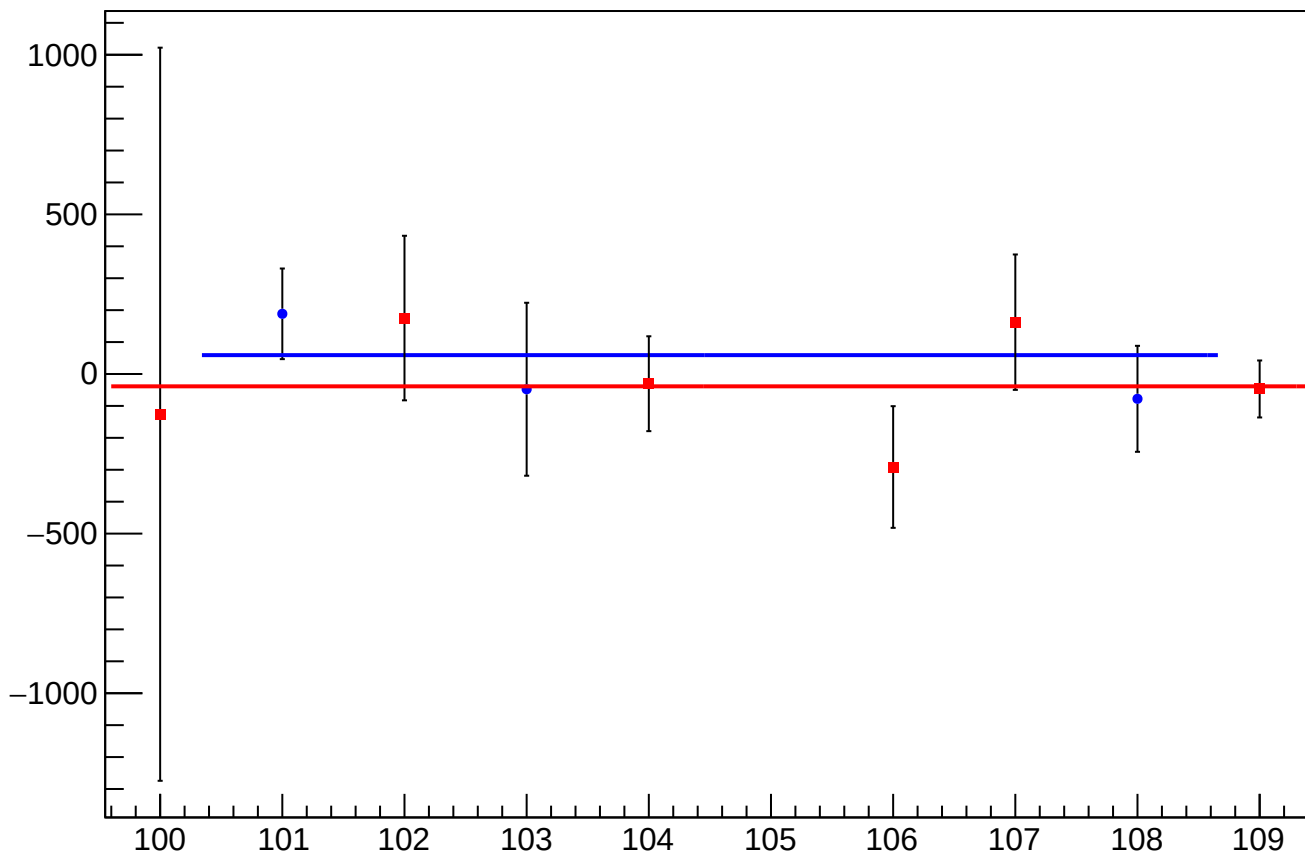
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 519788.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_mean vs Slug



Right In: 59.099+/-100.229 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.657+/-65.037 χ^2/NDF : 3.4/5

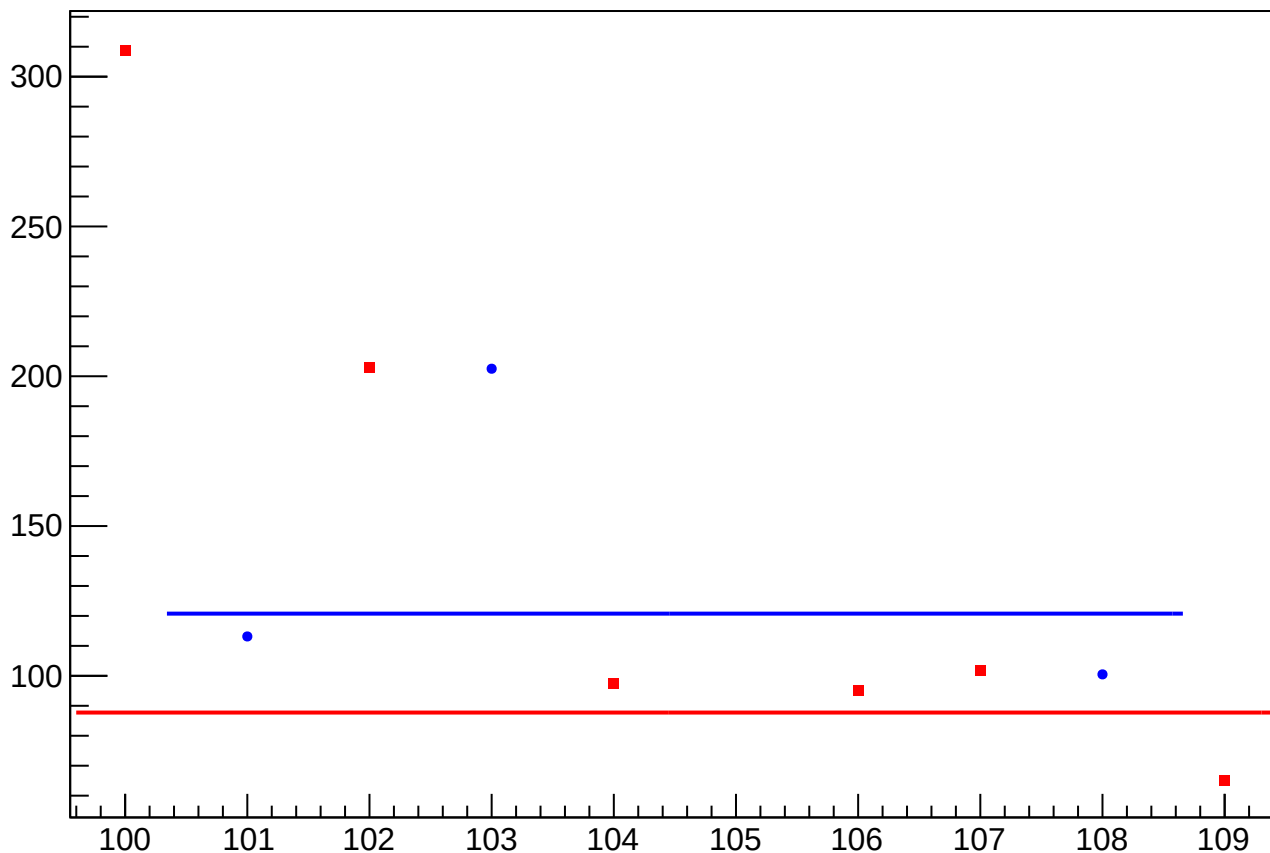
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.692+/-54.558 χ^2/NDF : 5.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 120.763 $\pm$ 0.071 χ^2 /NDF: 217699.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.744 $\pm$ 0.046 χ^2 /NDF: 622477.7/5

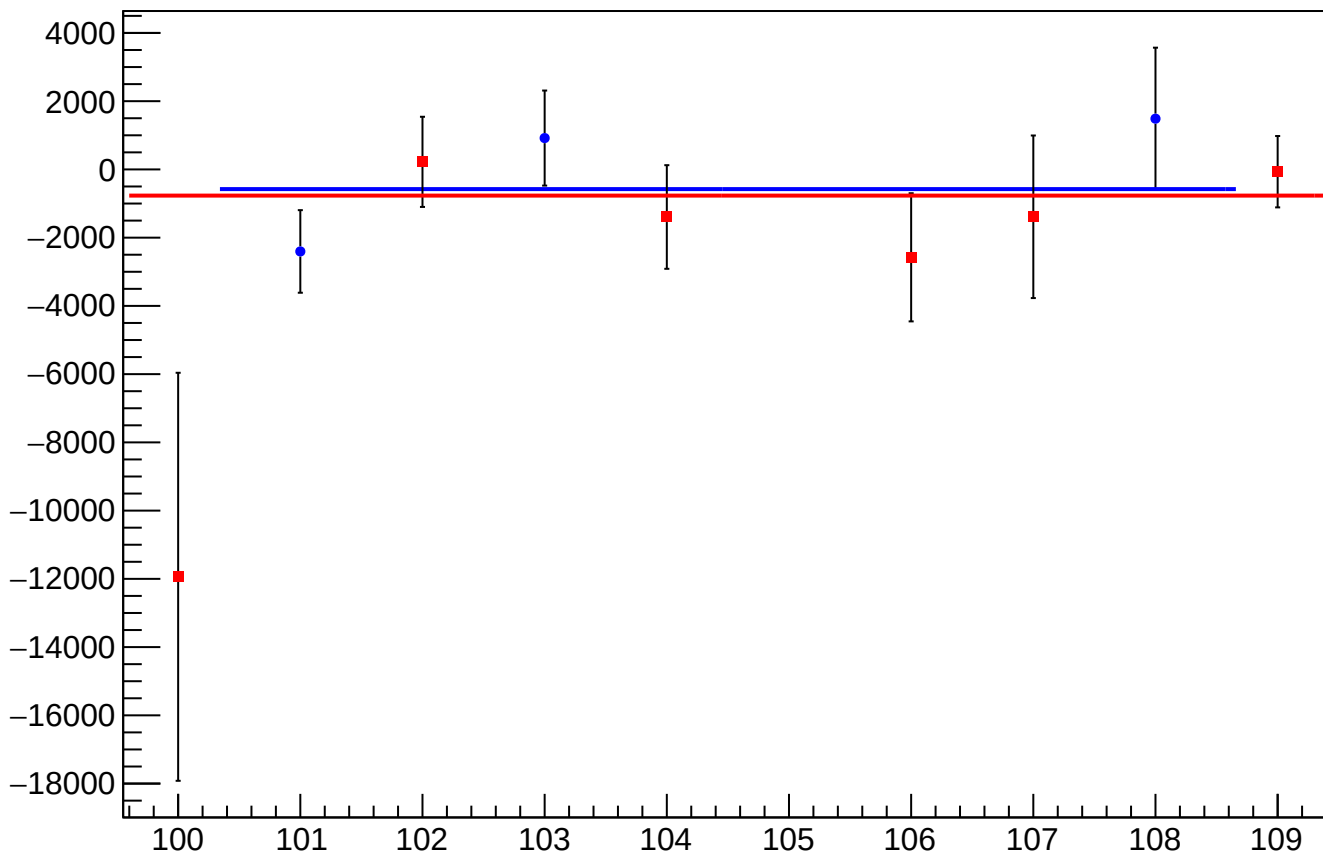
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.527 $\pm$ 0.039 χ^2 /NDF: 992926.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_correction_mean vs Slug



Right In: -576.852+/-836.524 χ^2 /NDF: 4.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -767.201+/-644.386 χ^2 /NDF: 5.7/5

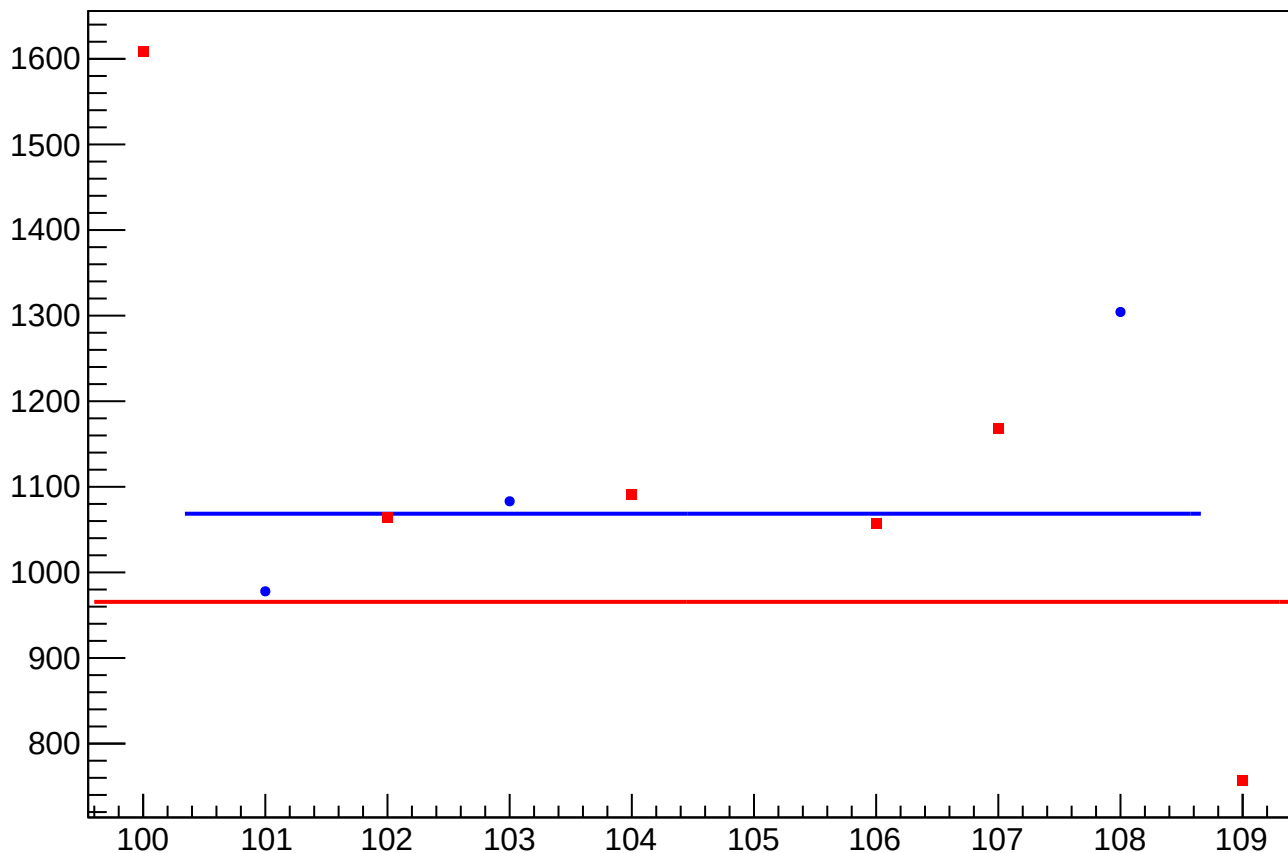
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -696.314+/-510.489 χ^2 /NDF: 10.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_correction_rms vs Slug



Right In: 1068.570 $\pm$ 0.592 χ^2 /NDF: 37093.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 965.592 $\pm$ 0.456 χ^2 /NDF: 146463.3/5

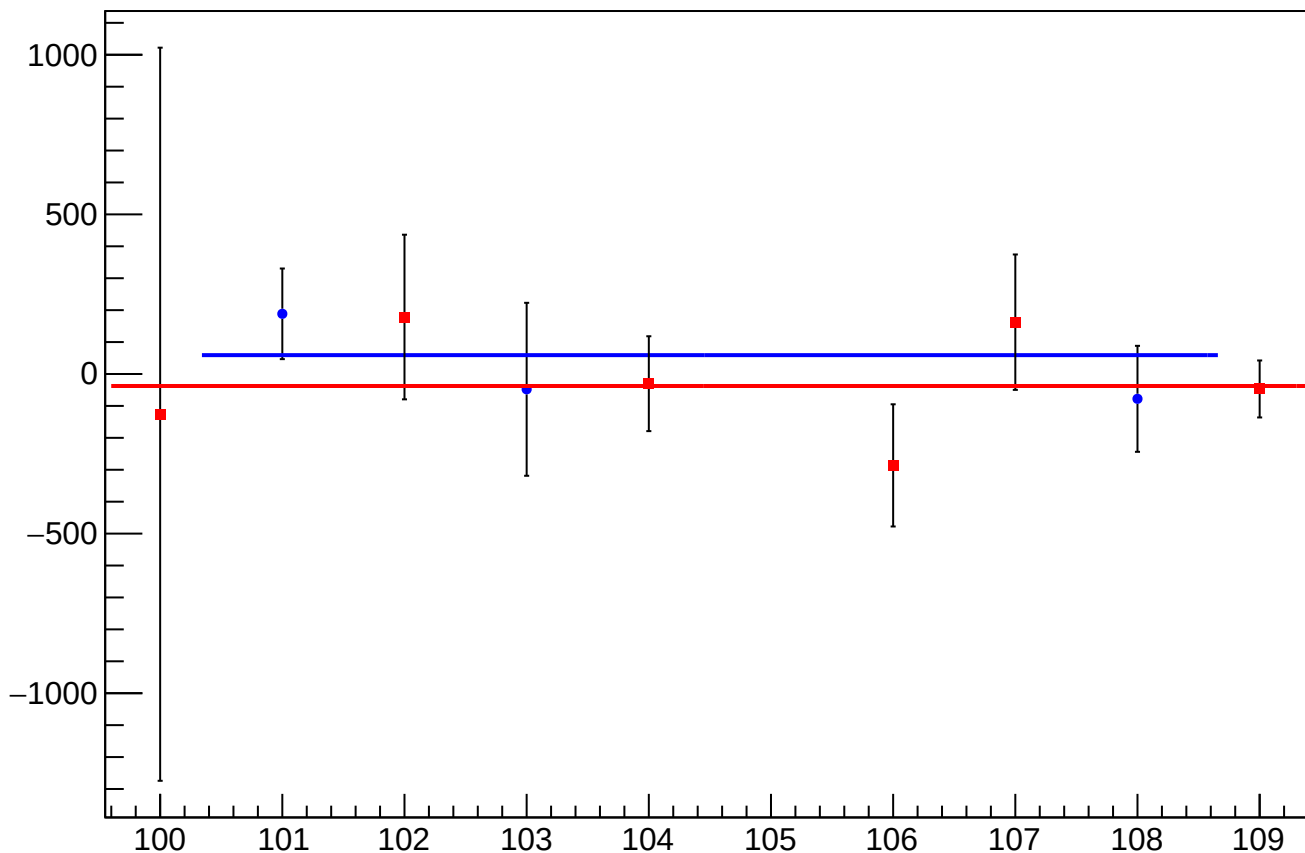
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1003.942 $\pm$ 0.361 χ^2 /NDF: 202578.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_avg_mean vs Slug



Right In: 59.065 $\pm$ 100.229 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.610 $\pm$ 65.071 χ^2 /NDF: 3.3/5

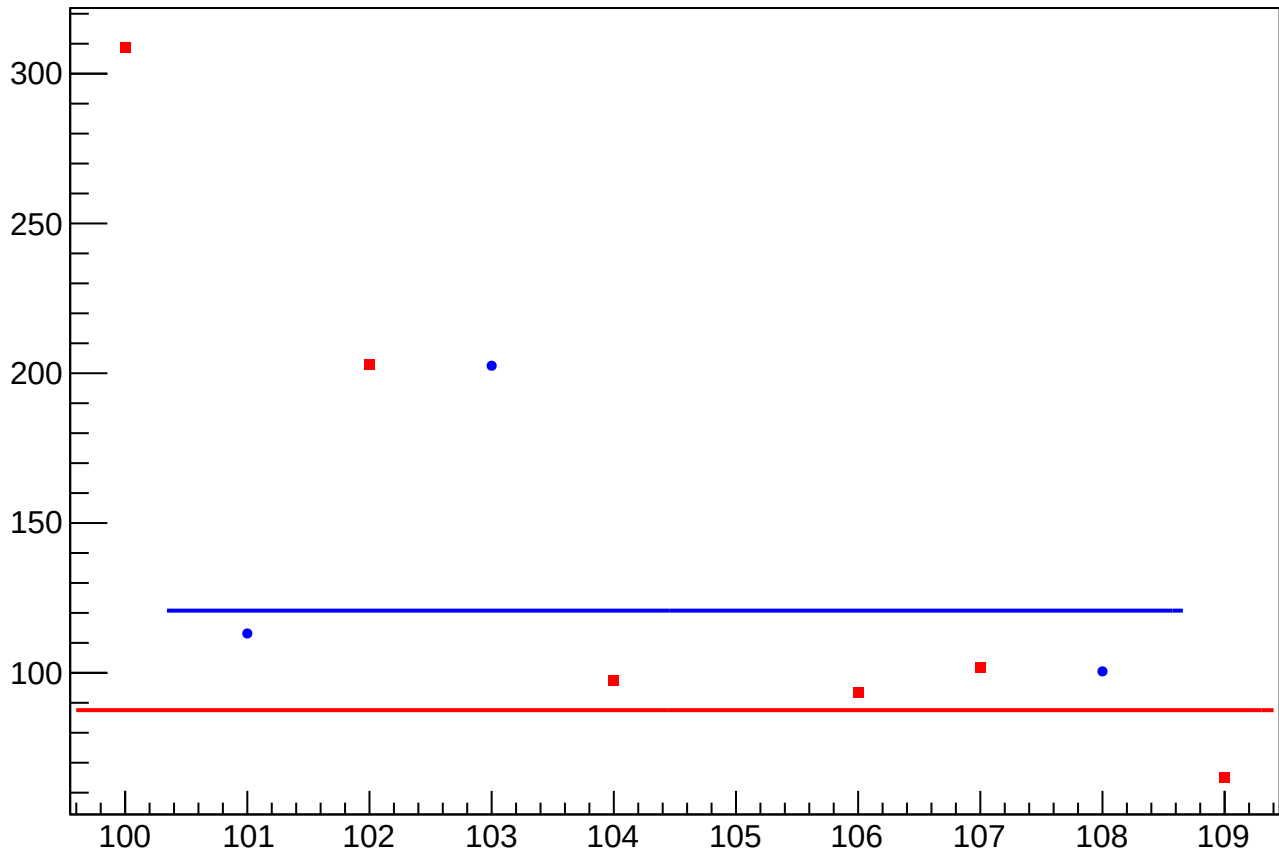
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.945 $\pm$ 54.578 χ^2 /NDF: 5.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 120.763 $\pm$ 0.071 χ^2 /NDF: 217701.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.539 $\pm$ 0.046 χ^2 /NDF: 621460.6/5

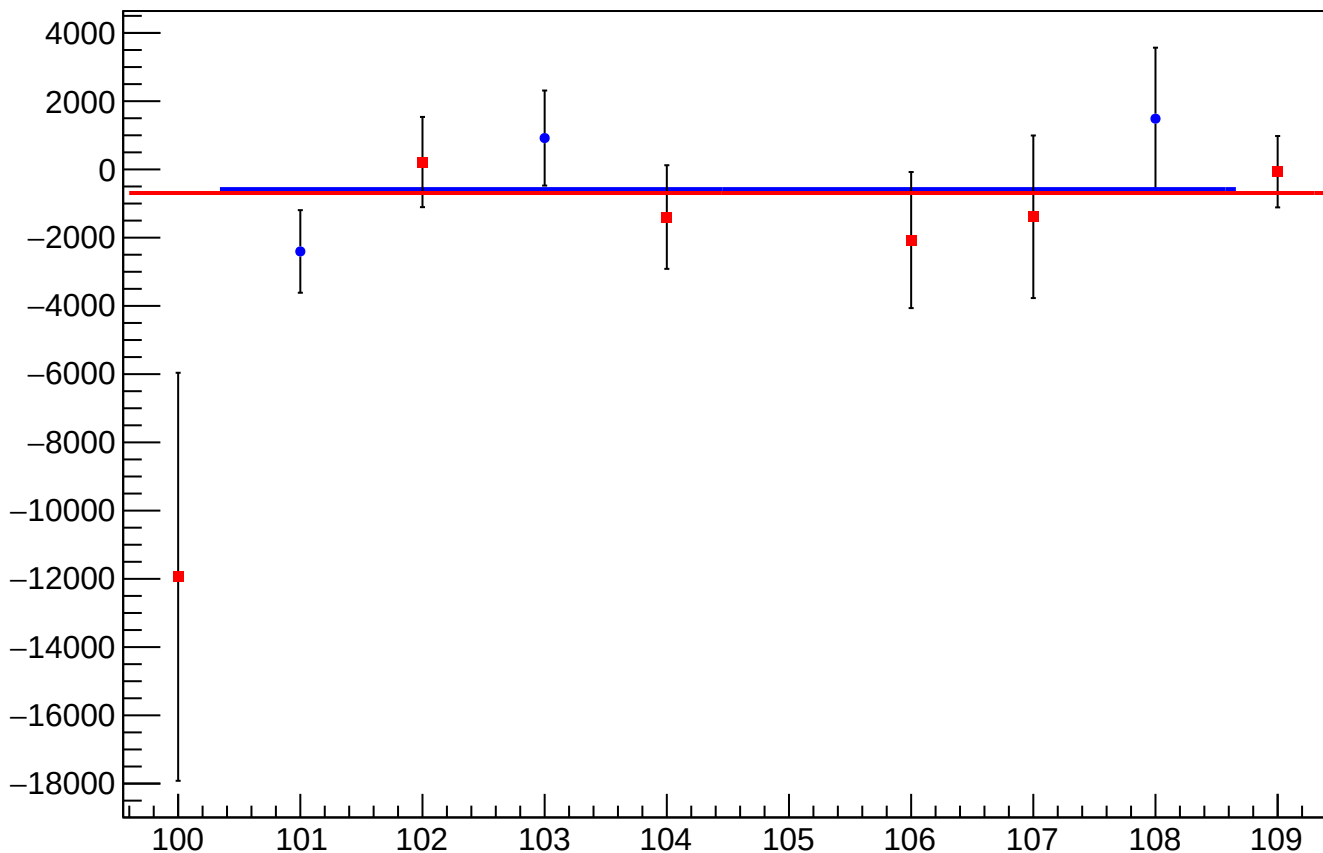
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.391 $\pm$ 0.039 χ^2 /NDF: 993758.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: -576.804+/-836.556 χ^2 /NDF: 4.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -691.320+/-648.844 χ^2 /NDF: 5.1/5

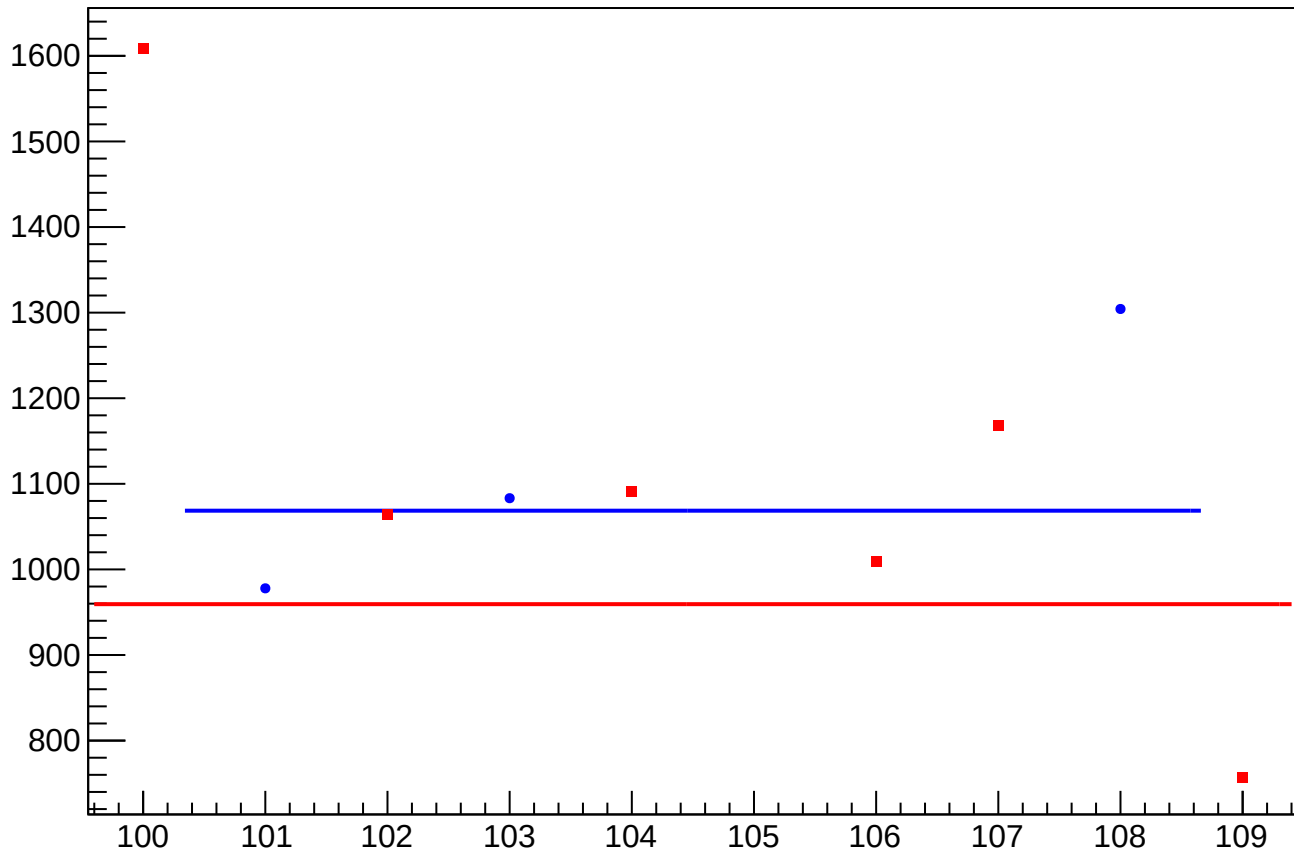
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -648.306+/-512.704 χ^2 /NDF: 9.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 1068.609 $\pm$ 0.592 χ^2 /NDF: 37096.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 959.403 $\pm$ 0.459 χ^2 /NDF: 142621.9/5

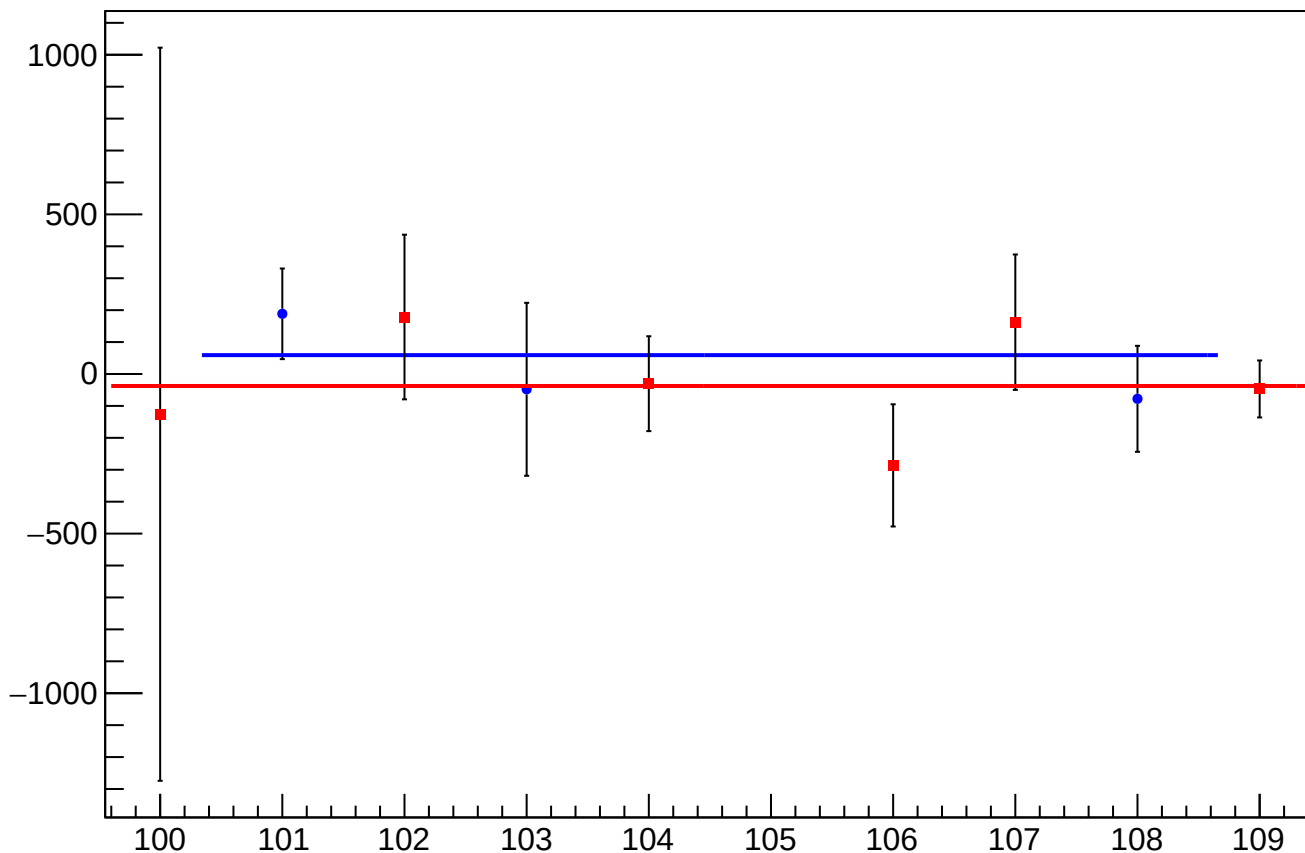
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1000.423 $\pm$ 0.363 χ^2 /NDF: 200999.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: 59.065+/-100.229 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.610+/-65.071 χ^2/NDF : 3.3/5

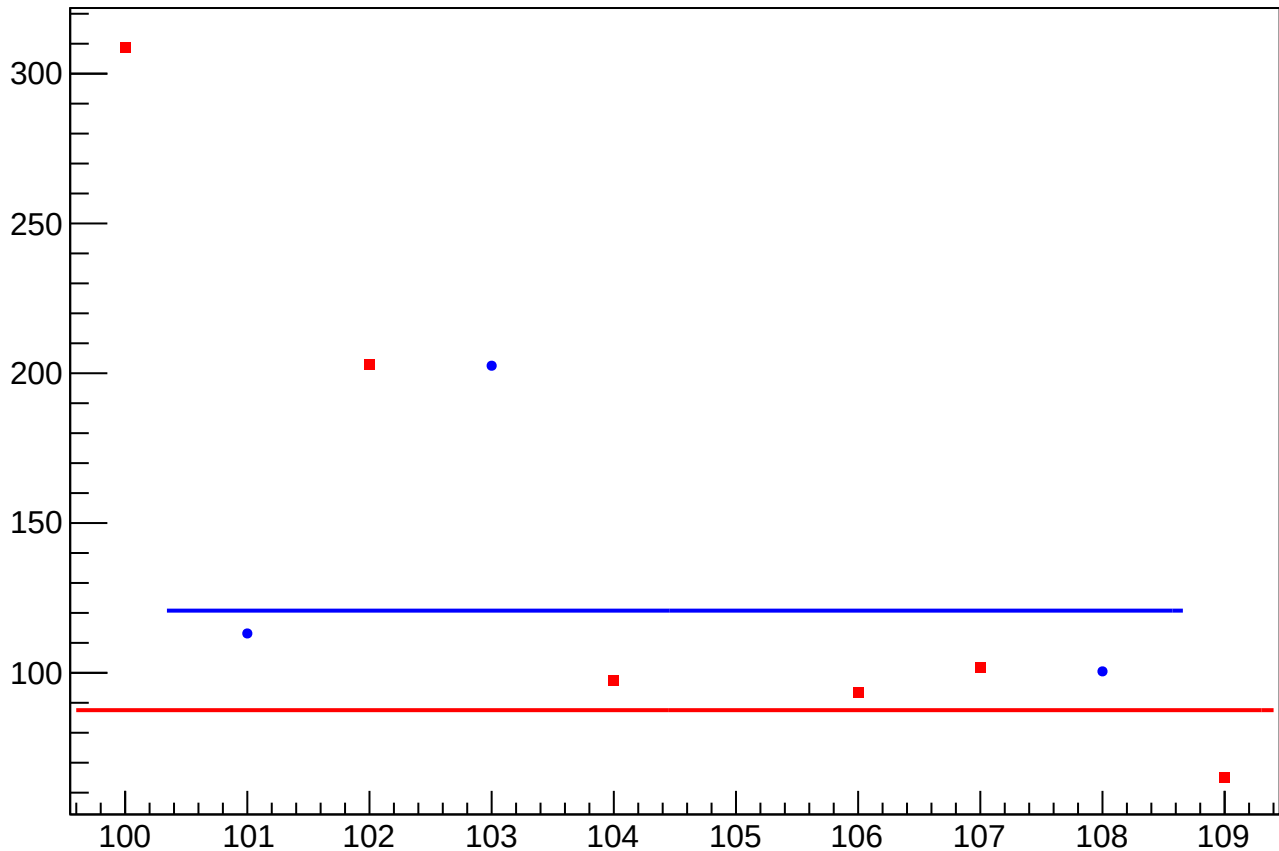
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.945+/-54.578 χ^2/NDF : 5.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 120.763 $\pm$ 0.071 χ^2 /NDF: 217701.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.539 $\pm$ 0.046 χ^2 /NDF: 621460.6/5

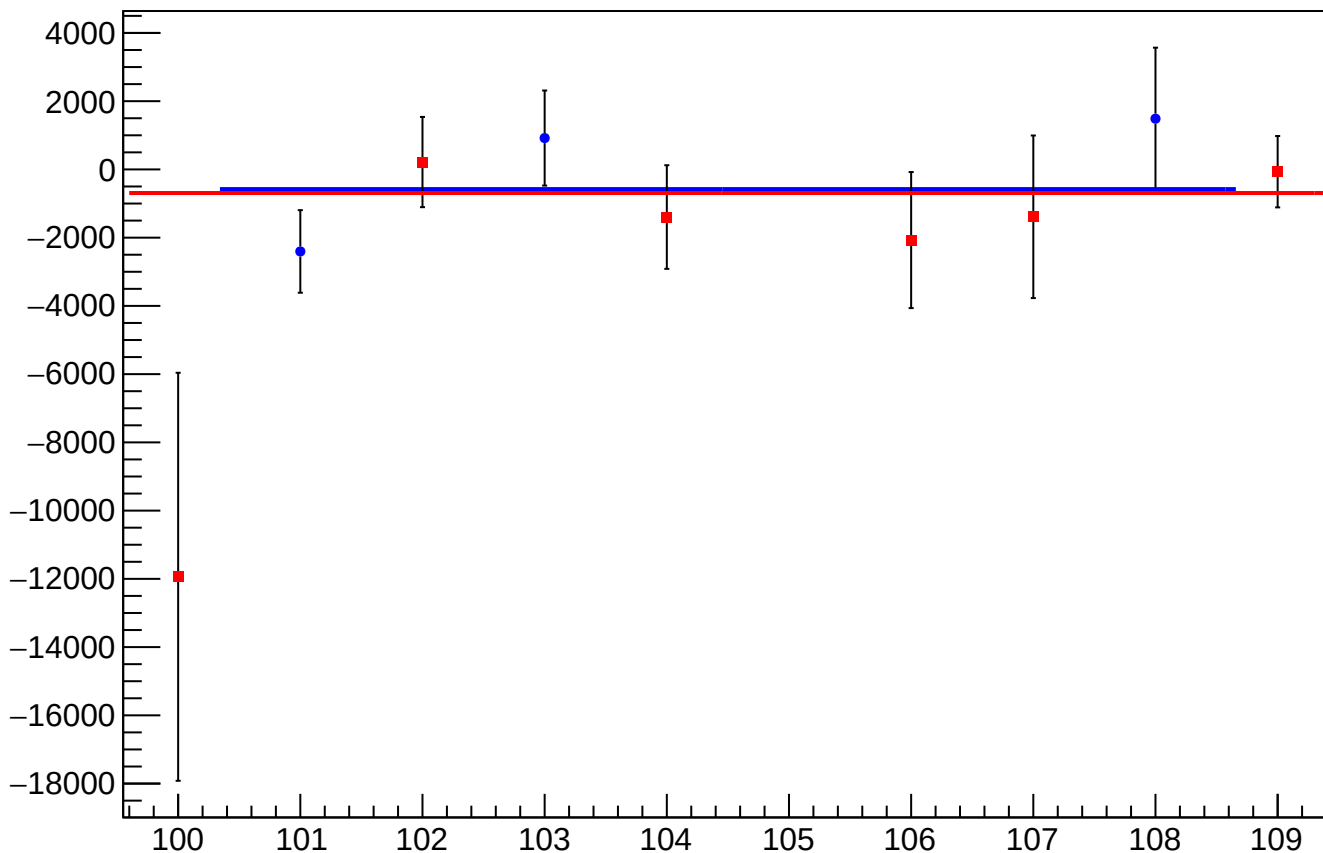
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.391 $\pm$ 0.039 χ^2 /NDF: 993758.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_cor_correction_mean vs Slug



Right In: -576.804+/-836.556 χ^2 /NDF: 4.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -691.320+/-648.844 χ^2 /NDF: 5.1/5

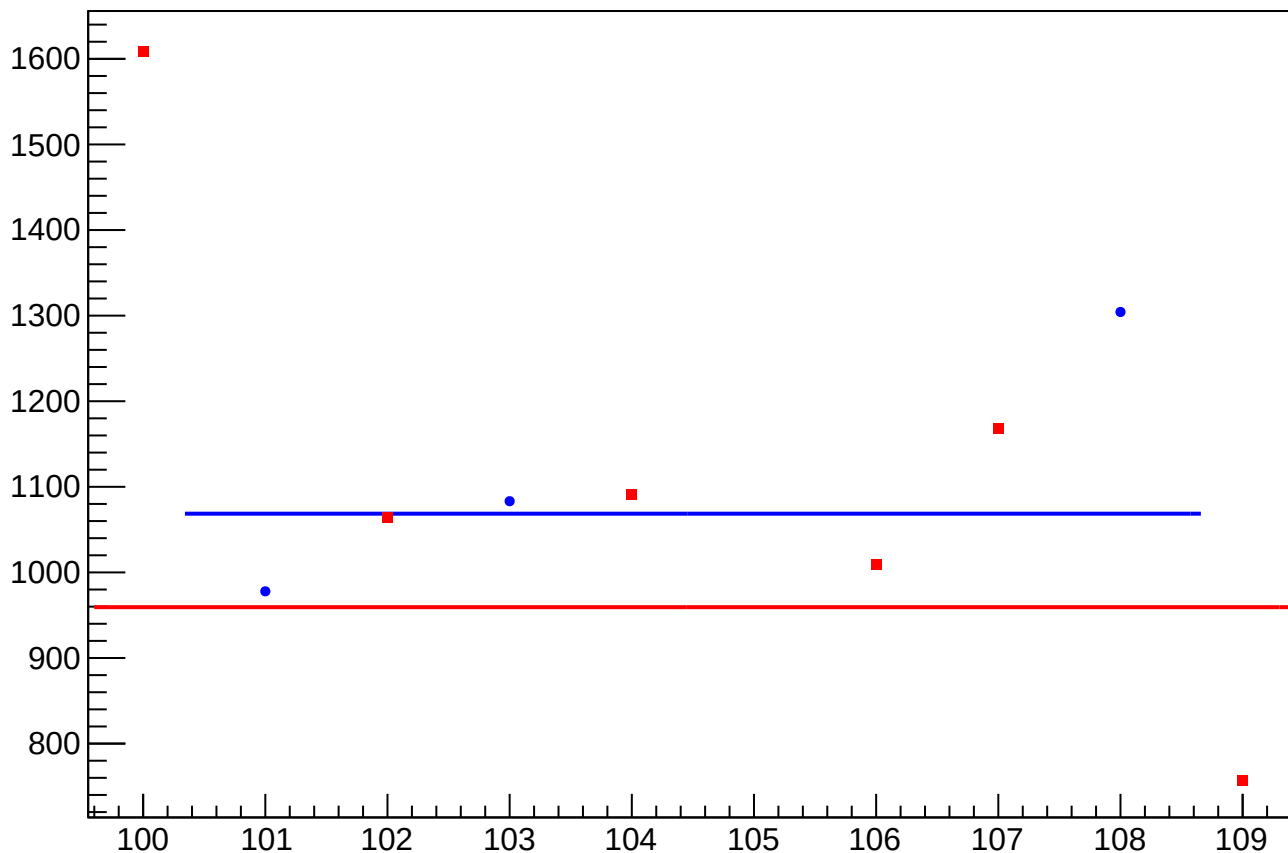
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -648.306+/-512.704 χ^2 /NDF: 9.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



Right In: 1068.609 $\pm$ 0.592 χ^2 /NDF: 37096.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 959.403 $\pm$ 0.459 χ^2 /NDF: 142621.9/5

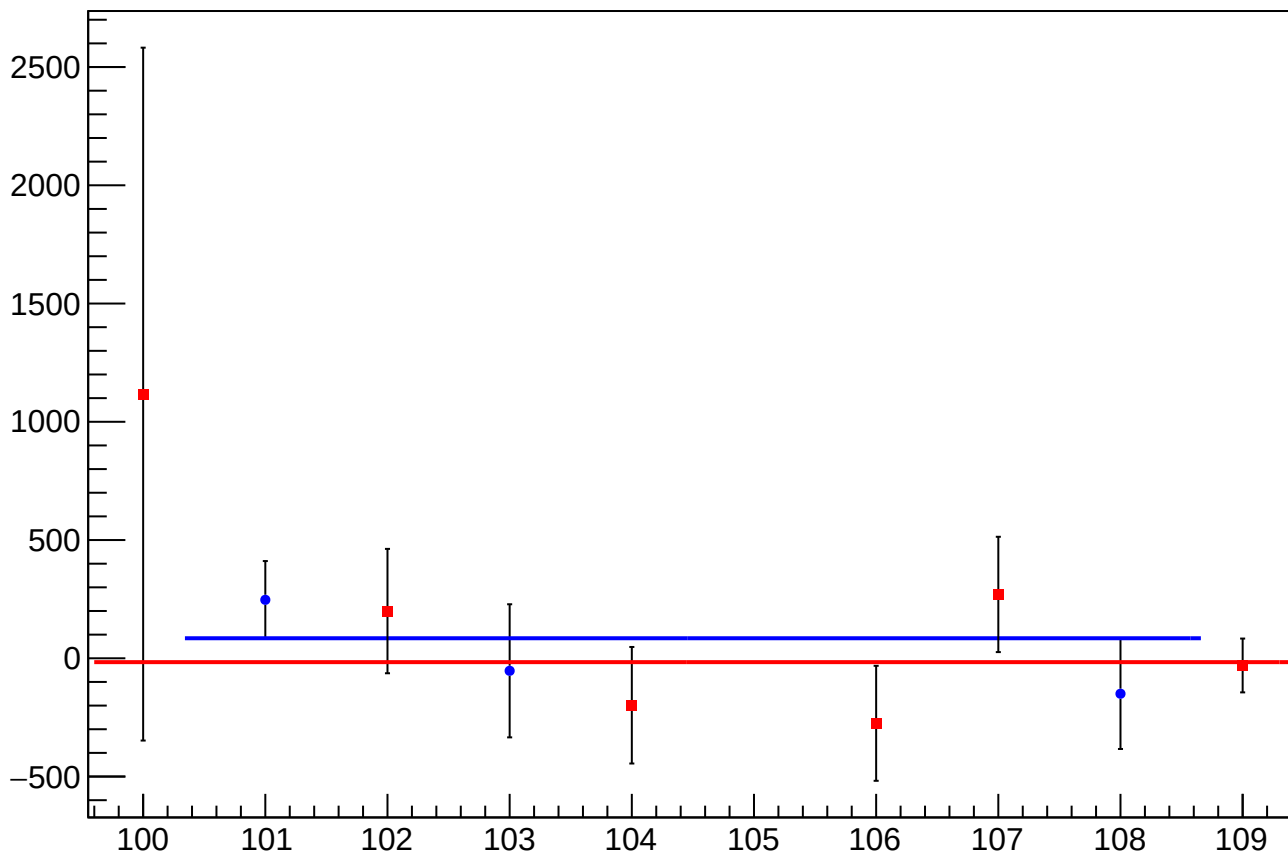
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1000.423 $\pm$ 0.363 χ^2 /NDF: 200999.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_avg_mean vs Slug



Right In: 84.723+/-121.141 χ^2/NDF : 2.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.286+/-83.807 χ^2/NDF : 4.3/5

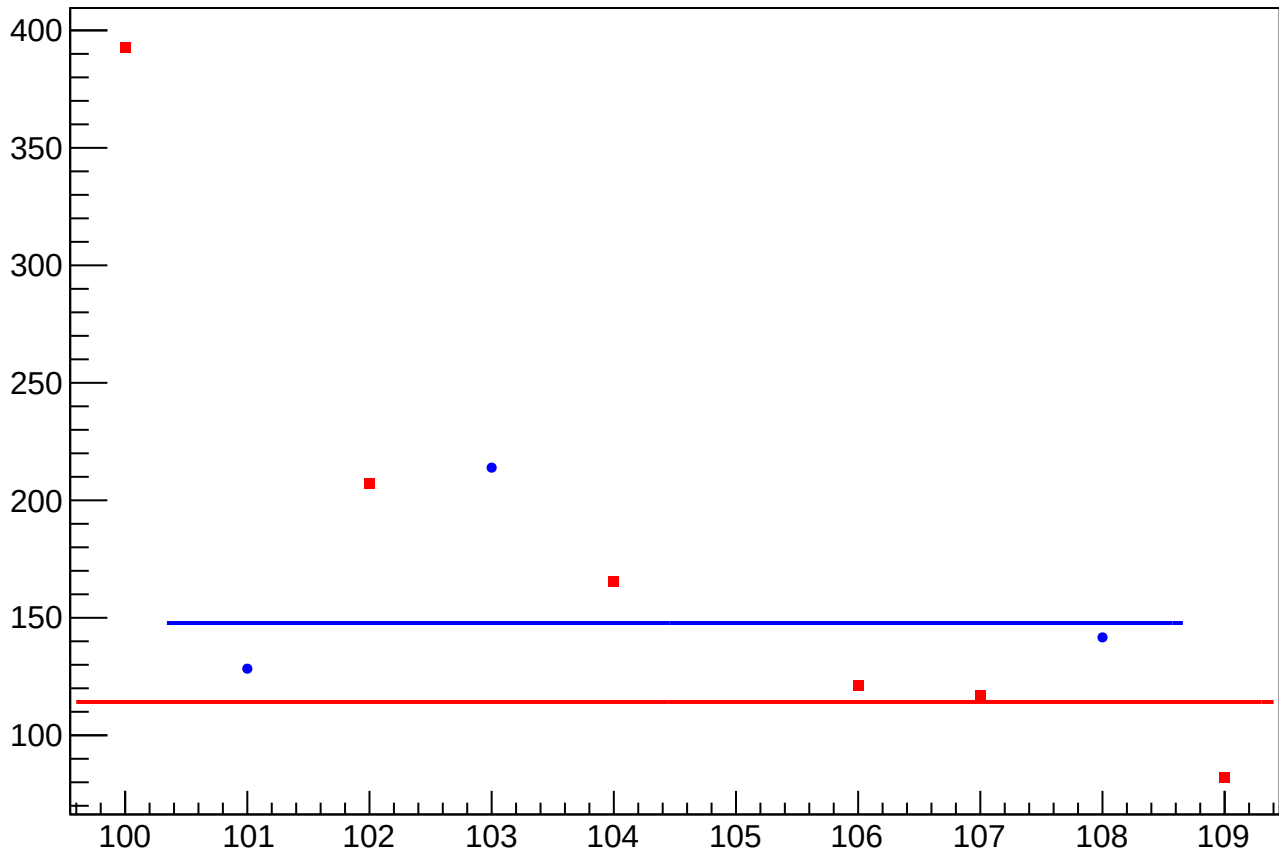
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.410+/-68.921 χ^2/NDF : 7.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 147.784 $\pm$ 0.086 χ^2 /NDF: 139871.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.188 $\pm$ 0.059 χ^2 /NDF: 571289.4/5

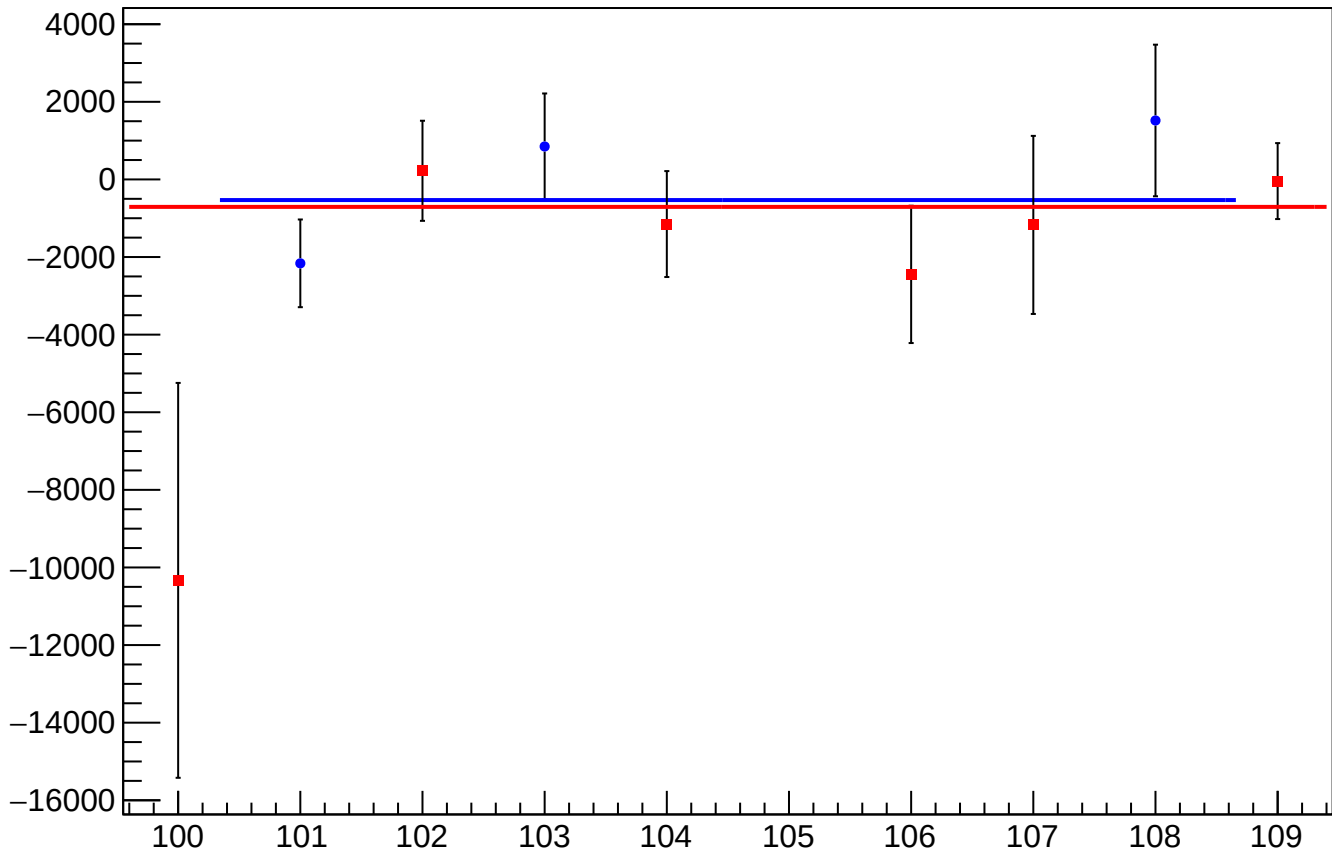
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.062 $\pm$ 0.049 χ^2 /NDF: 815196.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



Right In: -531.873+/-795.404 χ^2 /NDF: 4.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -707.558+/-605.230 χ^2 /NDF: 5.7/5

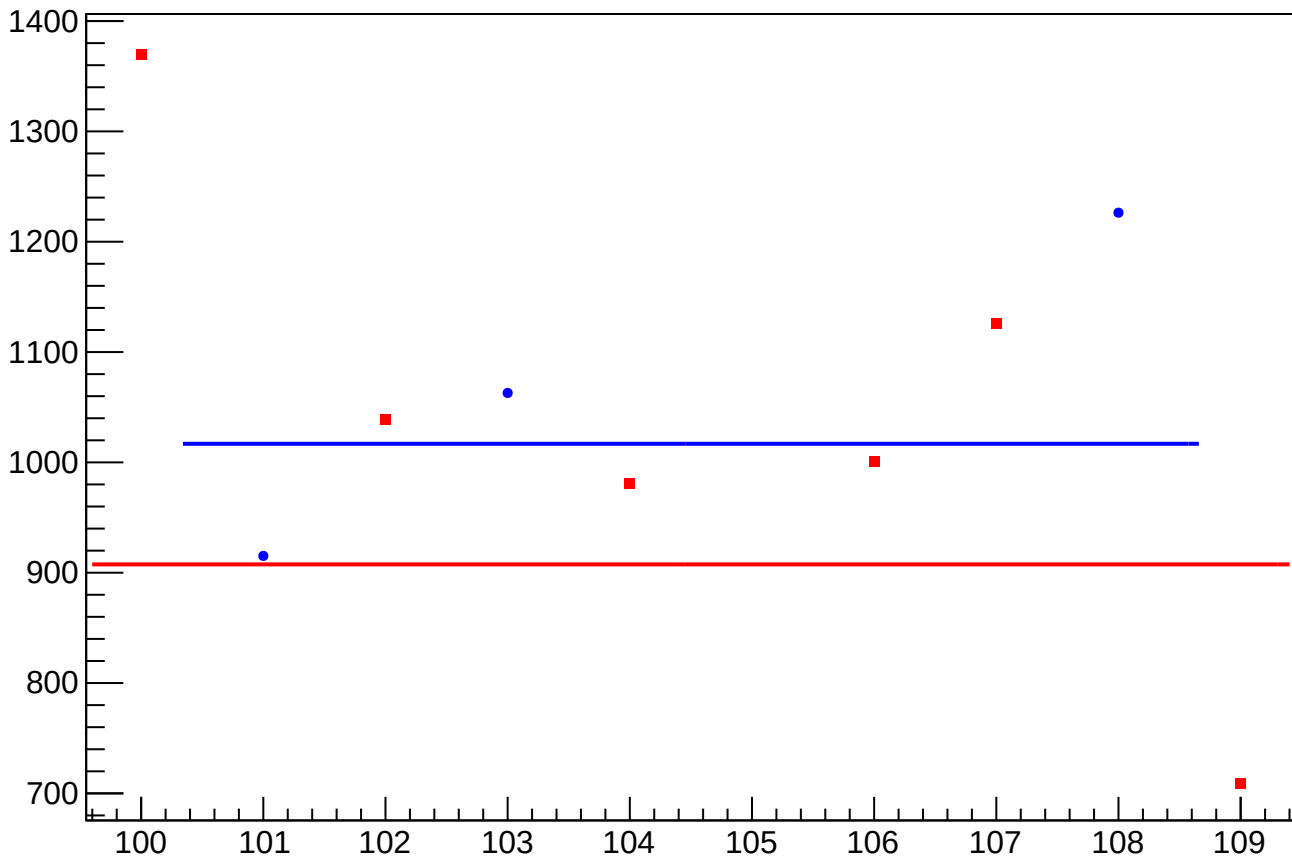
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -643.138+/-481.650 χ^2 /NDF: 9.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 1016.853 $\pm$ 0.562 χ^2 /NDF: 41431.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 907.538 $\pm$ 0.428 χ^2 /NDF: 148436.1/5

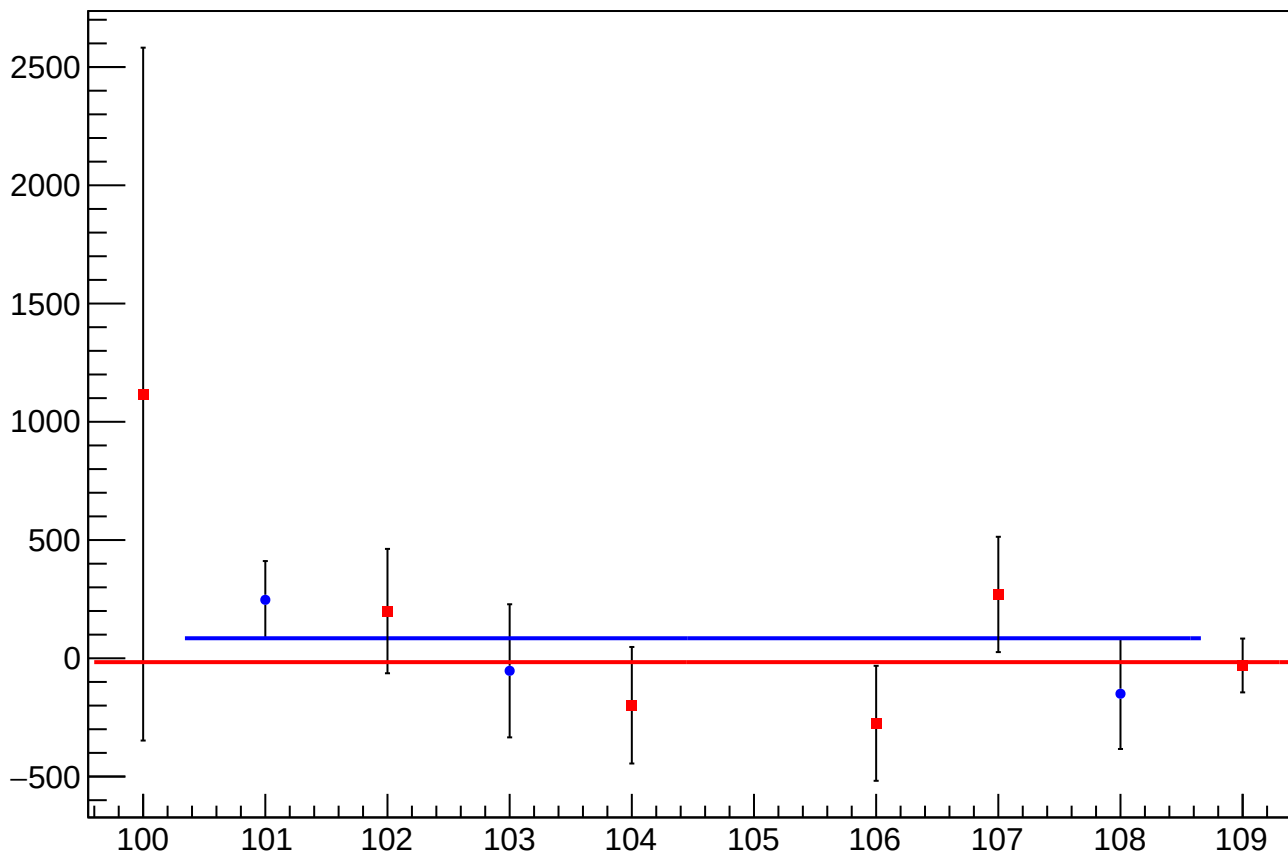
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 947.621 $\pm$ 0.341 χ^2 /NDF: 213791.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: 84.726 $\pm$ 121.142 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.284 $\pm$ 83.807 χ^2 /NDF: 4.3/5

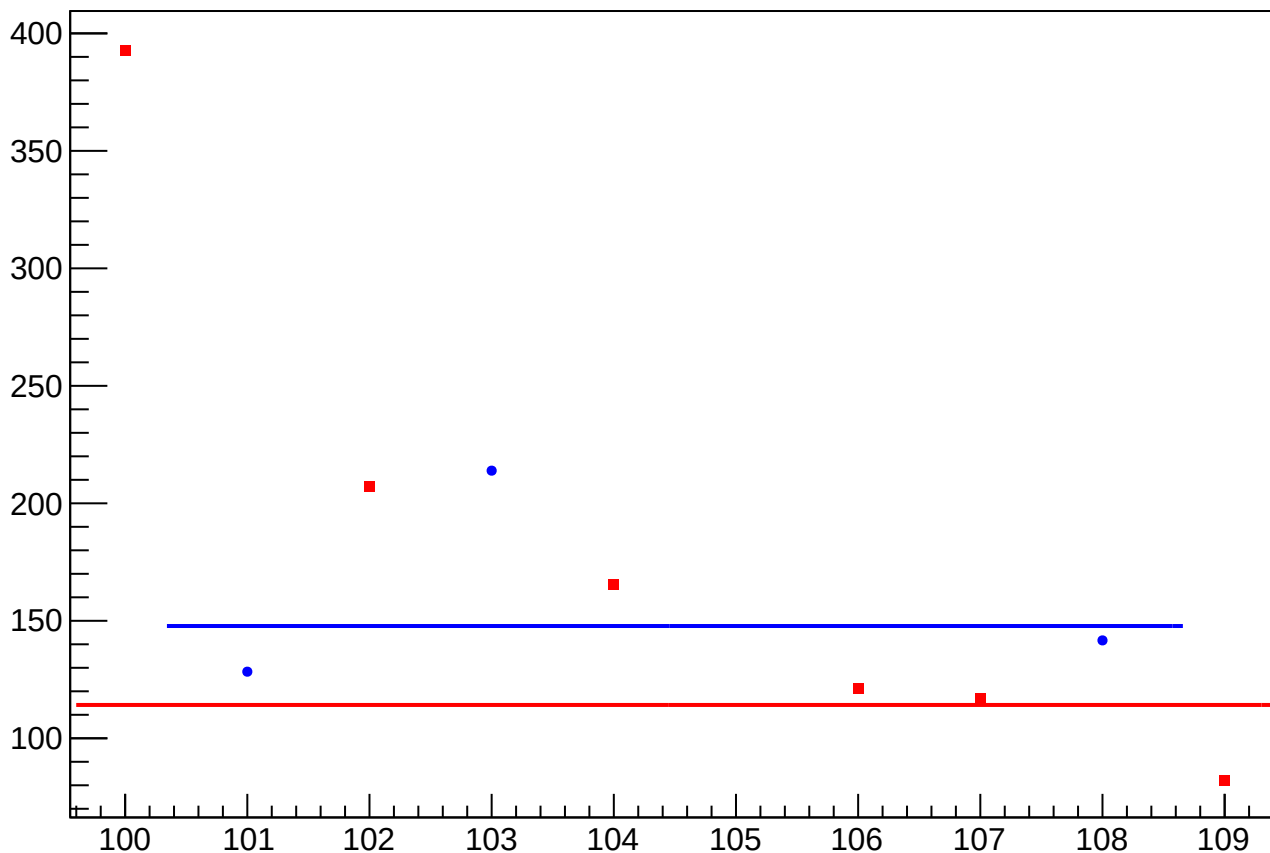
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.412 $\pm$ 68.922 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 147.785 $\pm$ 0.086 χ^2 /NDF: 139864.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.188 $\pm$ 0.059 χ^2 /NDF: 571291.9/5

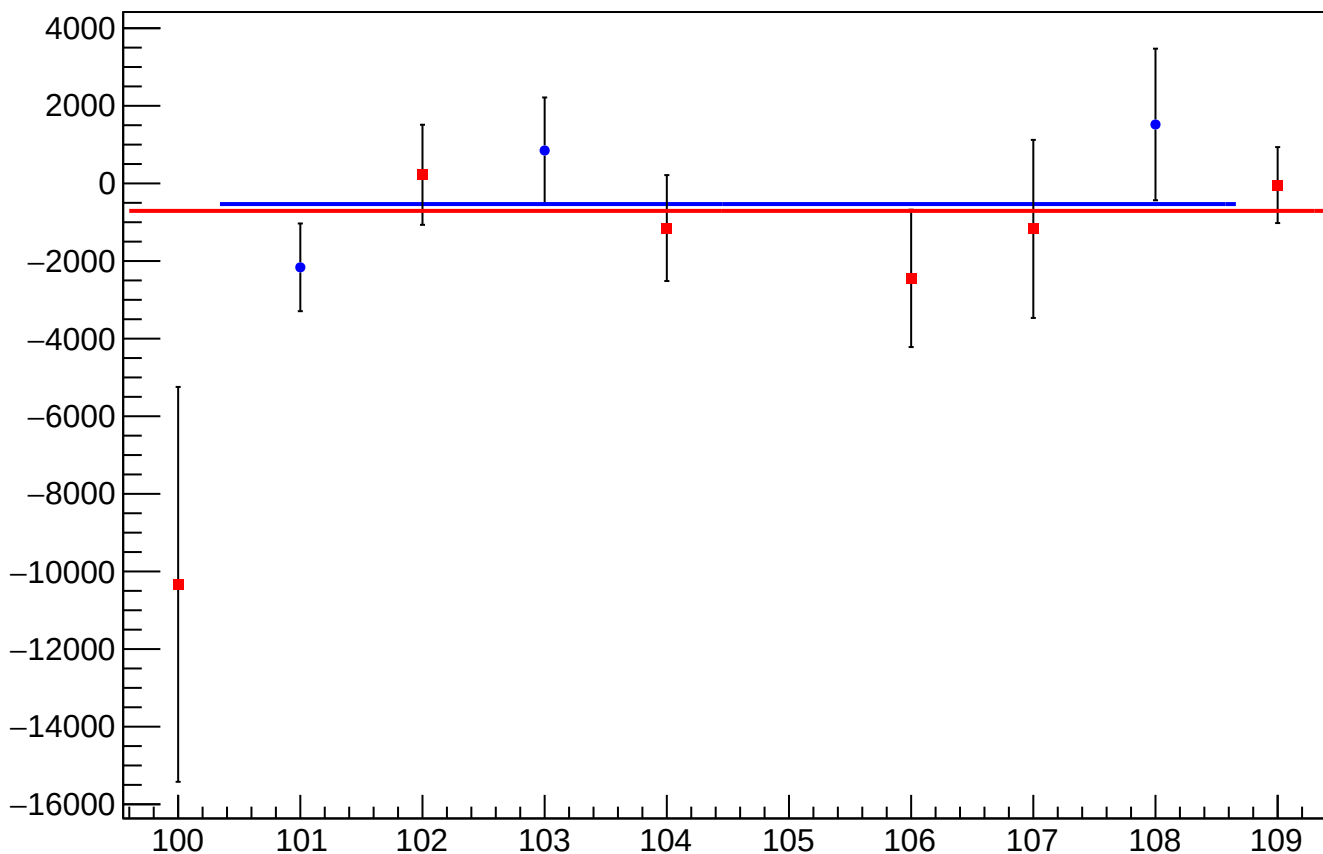
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.063 $\pm$ 0.049 χ^2 /NDF: 815195.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_correction_mean vs Slug



Right In: -531.871+/-795.401 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -707.557+/-605.229 χ^2/NDF : 5.7/5

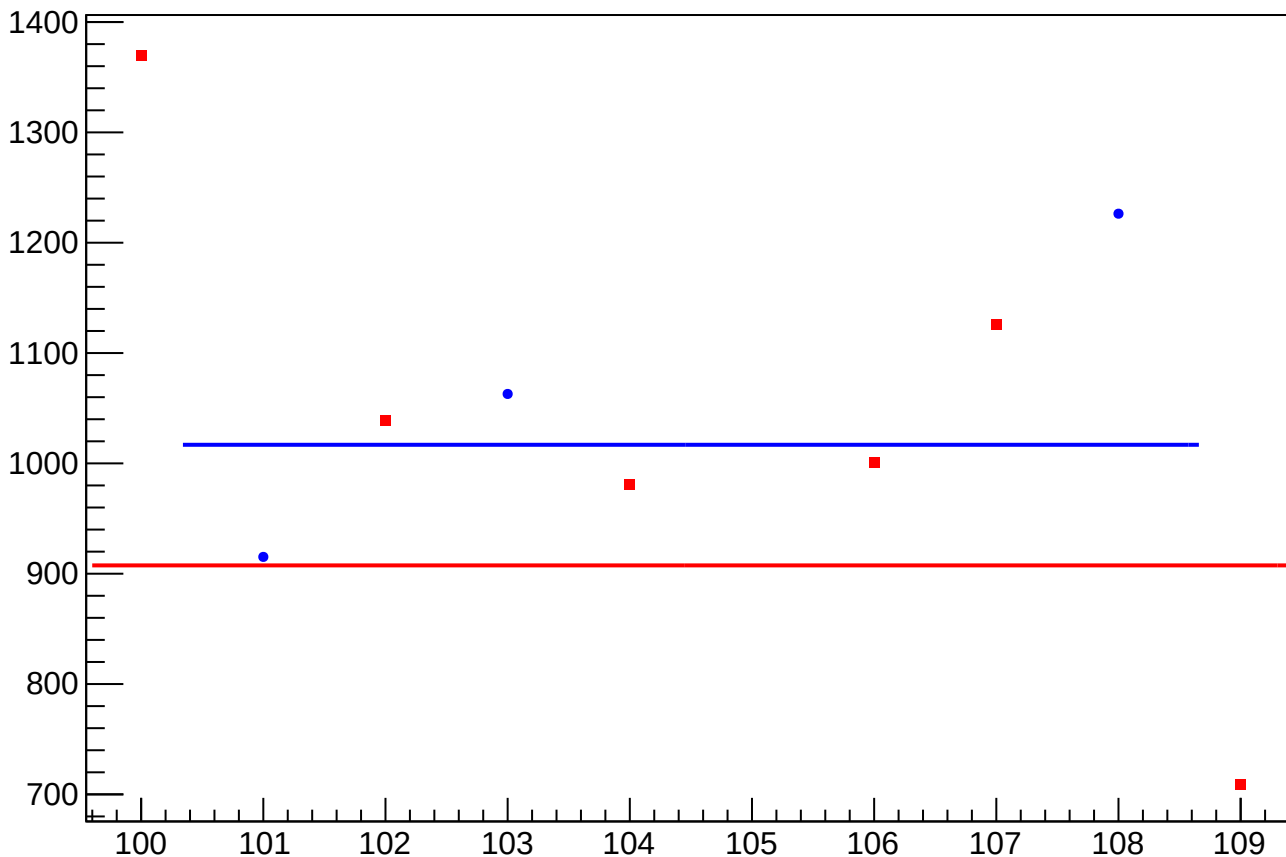
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -643.136+/-481.649 χ^2/NDF : 9.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_correction_rms vs Slug



Right In: 1016.849 $\pm$ 0.562 χ^2 /NDF: 41432.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 907.536 $\pm$ 0.428 χ^2 /NDF: 148434.7/5

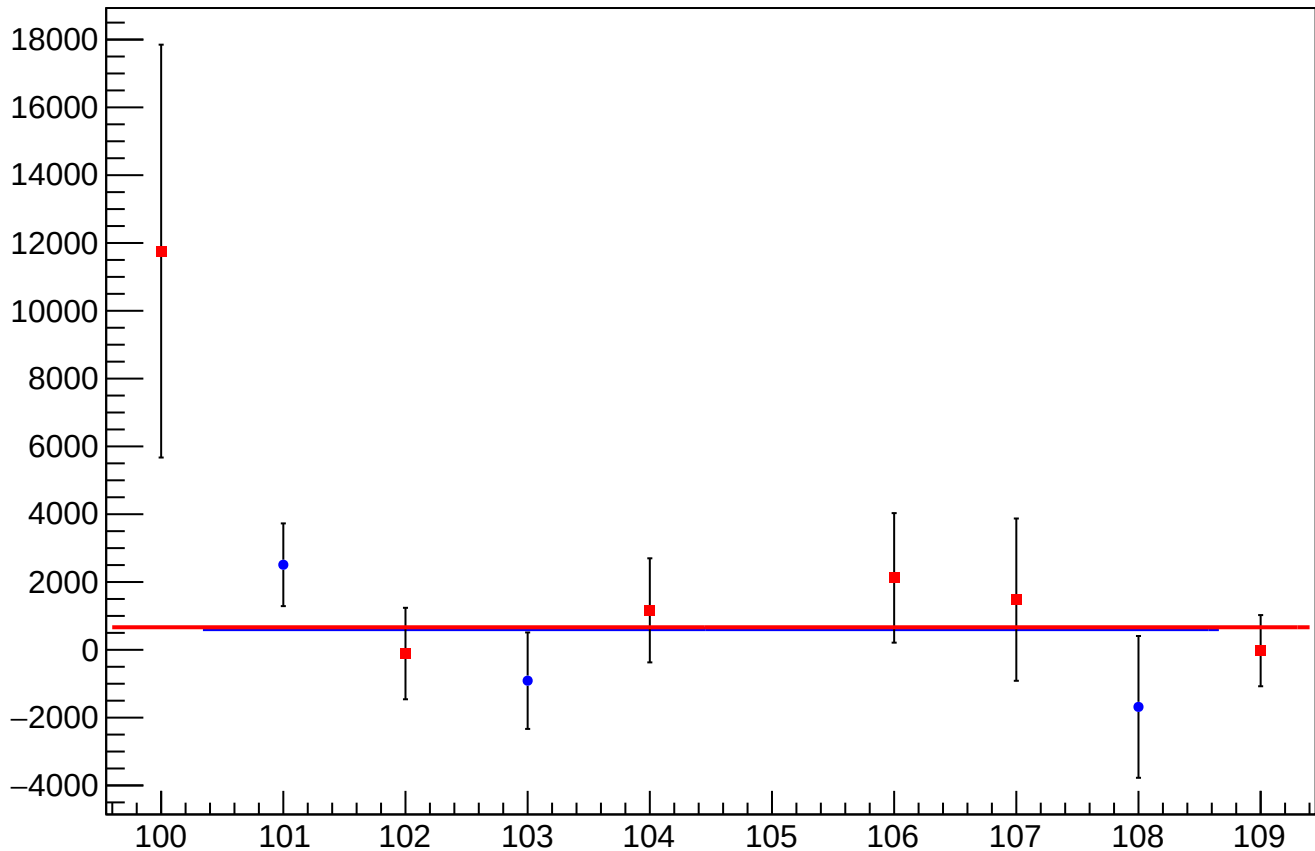
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 947.619 $\pm$ 0.341 χ^2 /NDF: 213790.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: 610.476+/-846.800 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 665.453+/-651.399 χ^2/NDF : 4.9/5

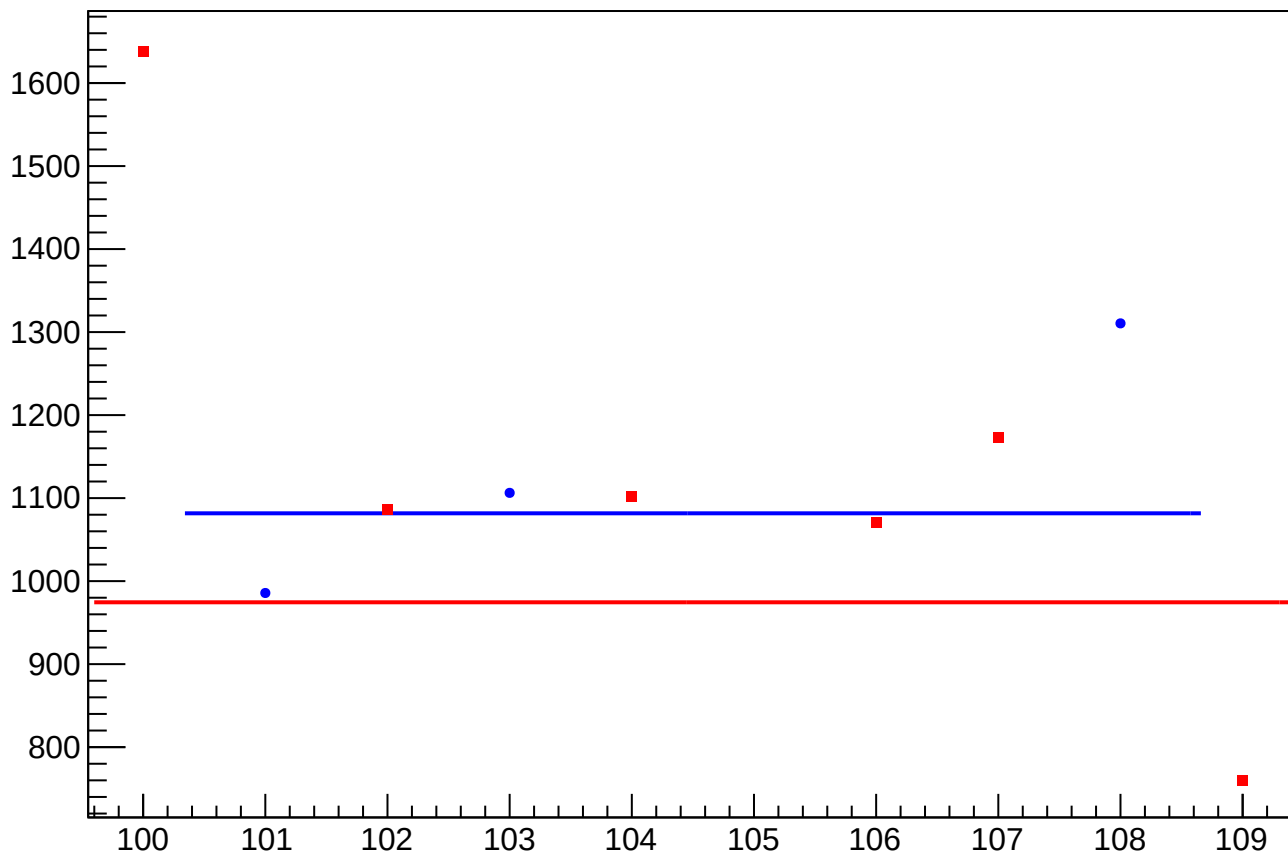
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 645.015+/-516.310 χ^2/NDF : 9.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



Right In: 1081.695+/-0.599 χ^2/NDF : 36922.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 974.495+/-0.461 χ^2/NDF : 153520.4/5

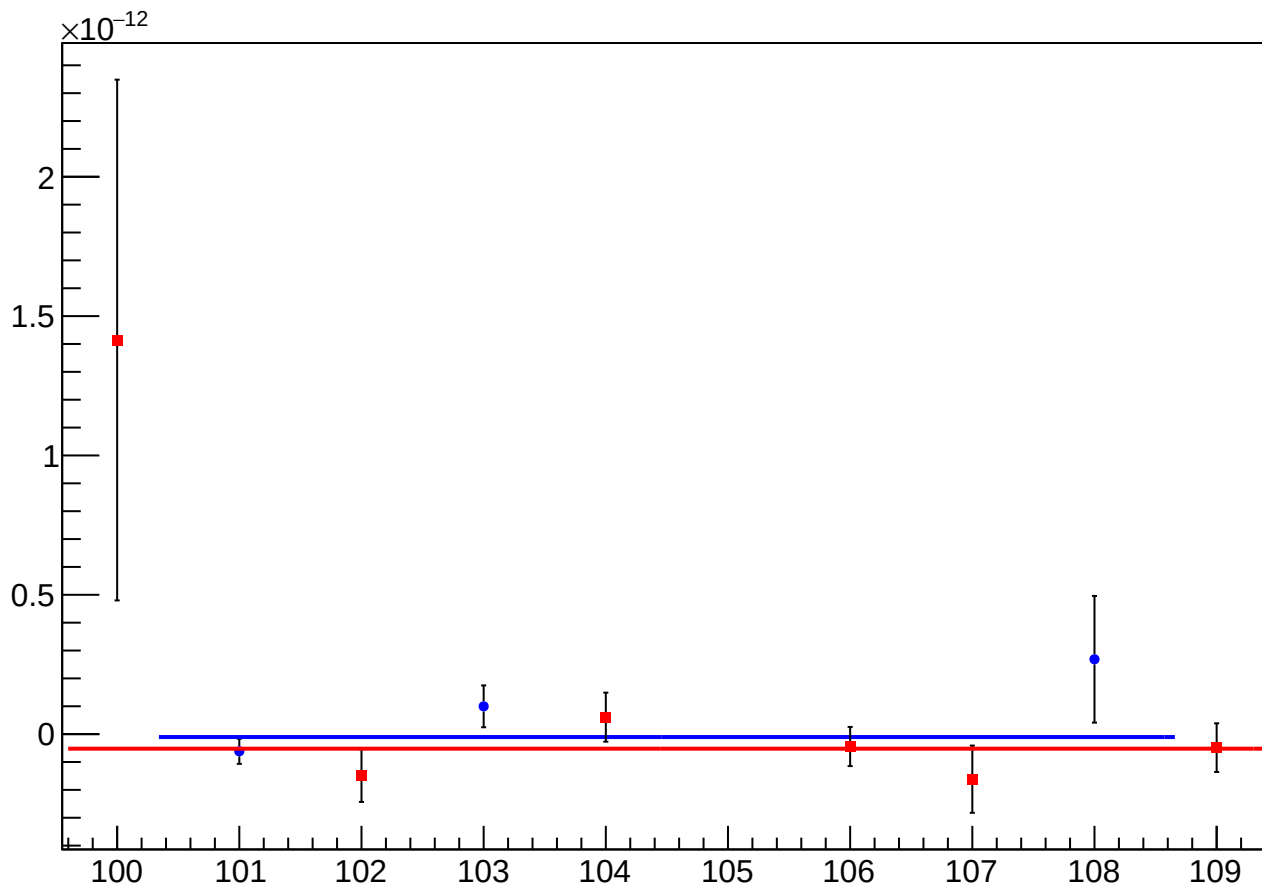
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1014.347+/-0.365 χ^2/NDF : 210580.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.0/5

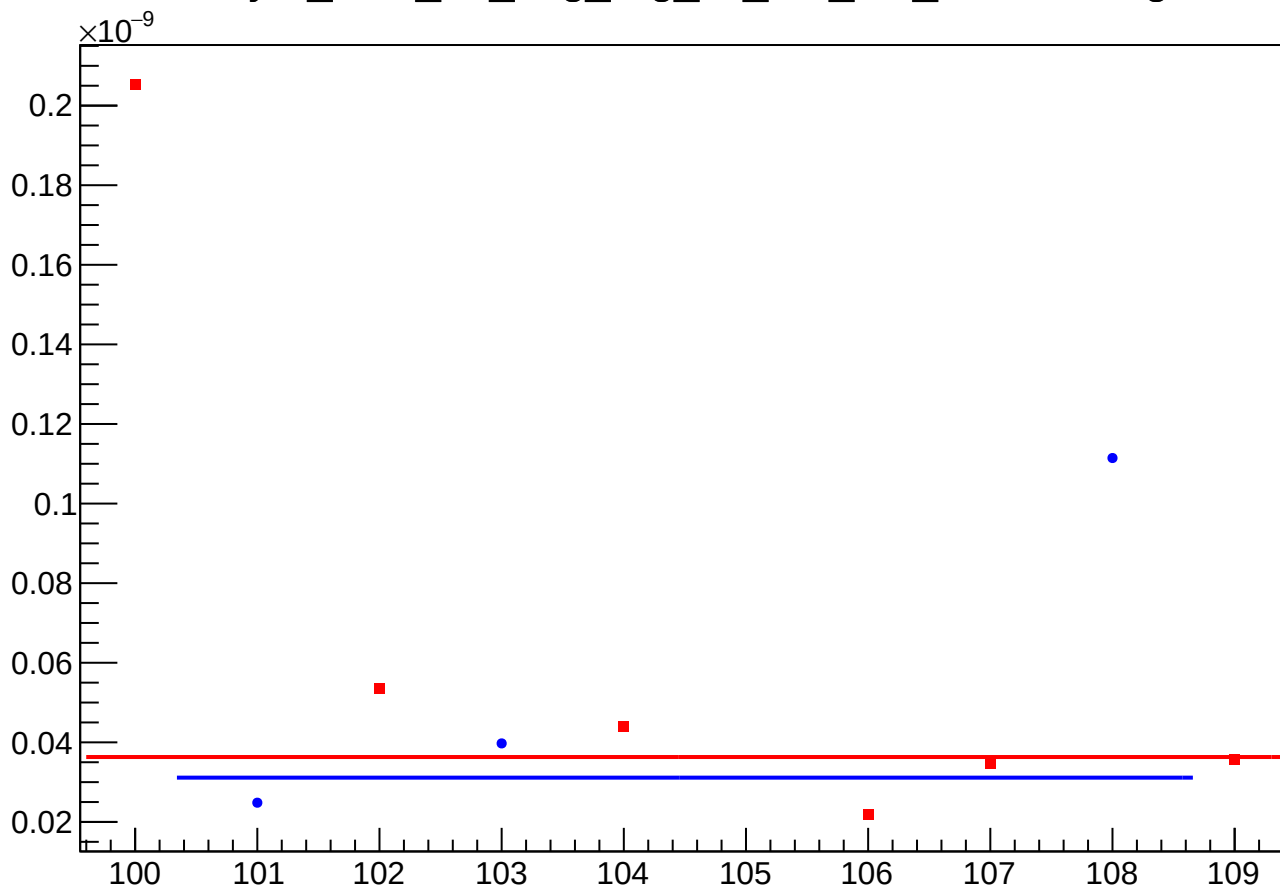
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 314764.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 233312.7/5

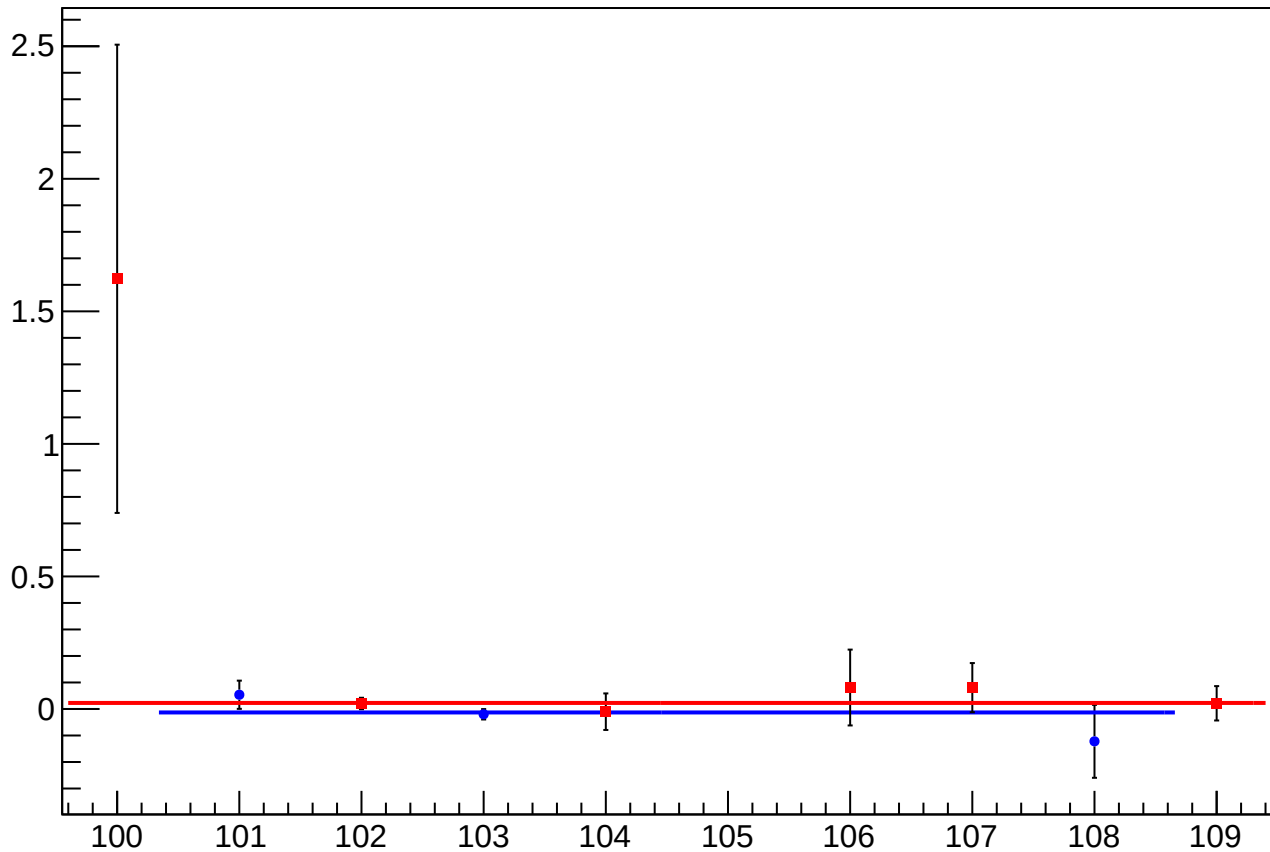
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 565926.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.019 χ^2 /NDF: 4.1/5

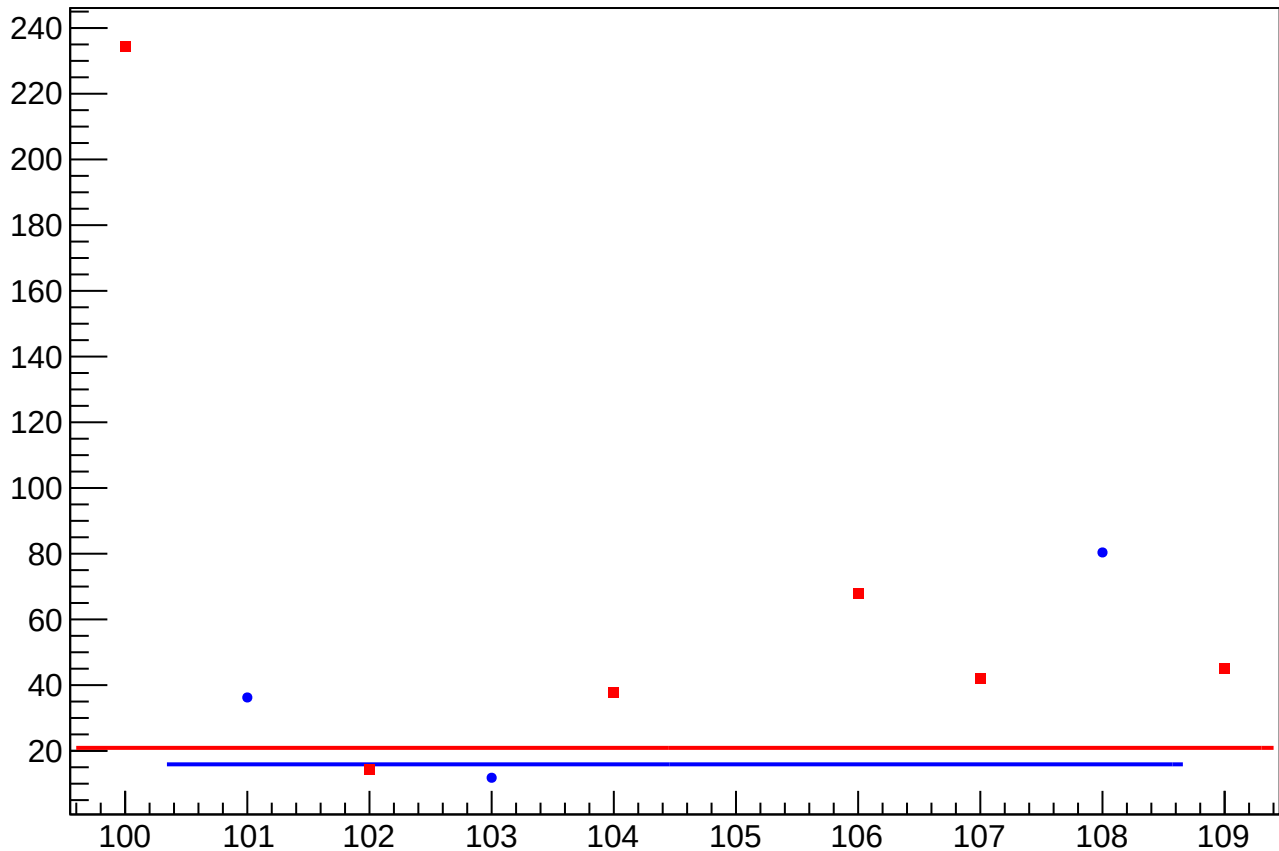
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 15.890 $\pm$ 0.013 χ^2 /NDF: 818182.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.903 $\pm$ 0.013 χ^2 /NDF: 1025722.5/5

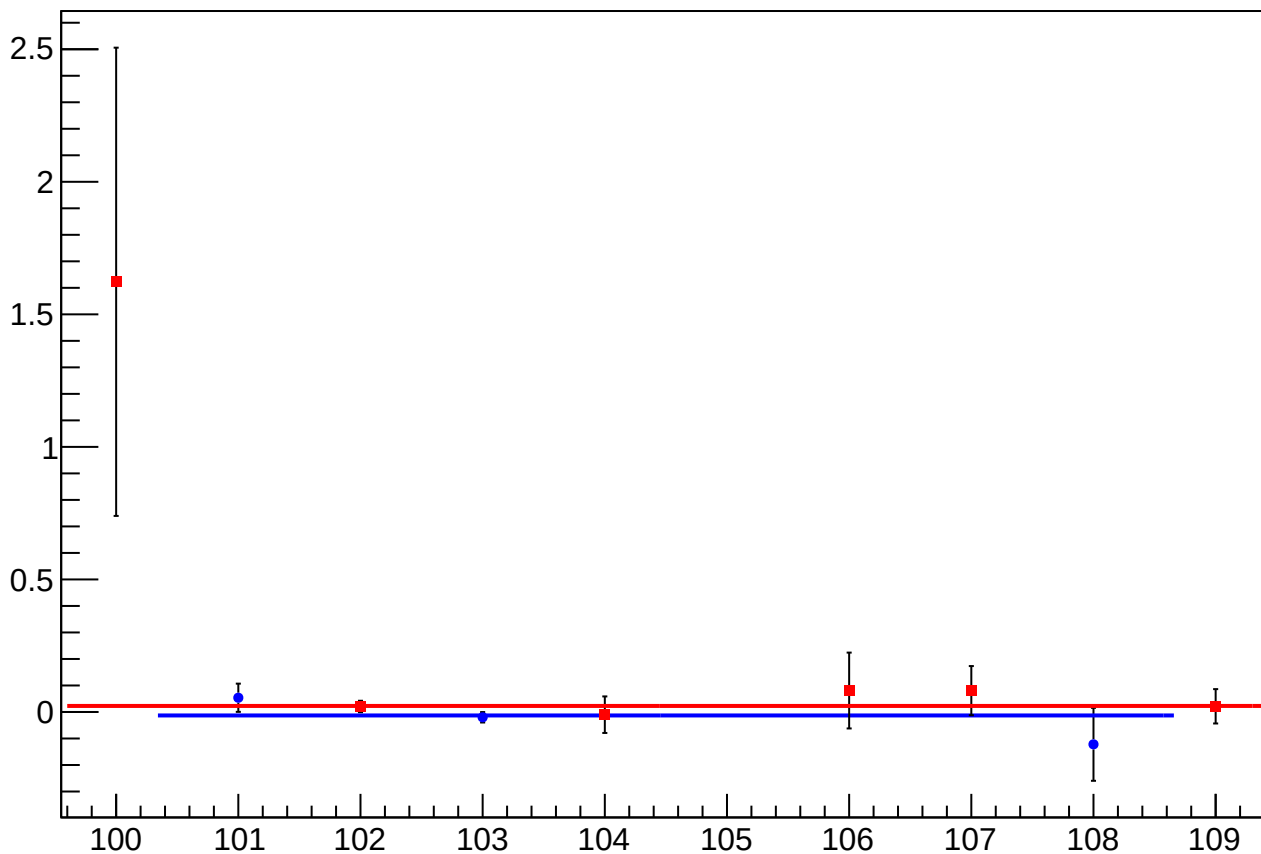
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.297 $\pm$ 0.009 χ^2 /NDF: 1916271.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.023 $\pm$ 0.019 χ^2 /NDF: 4.1/5

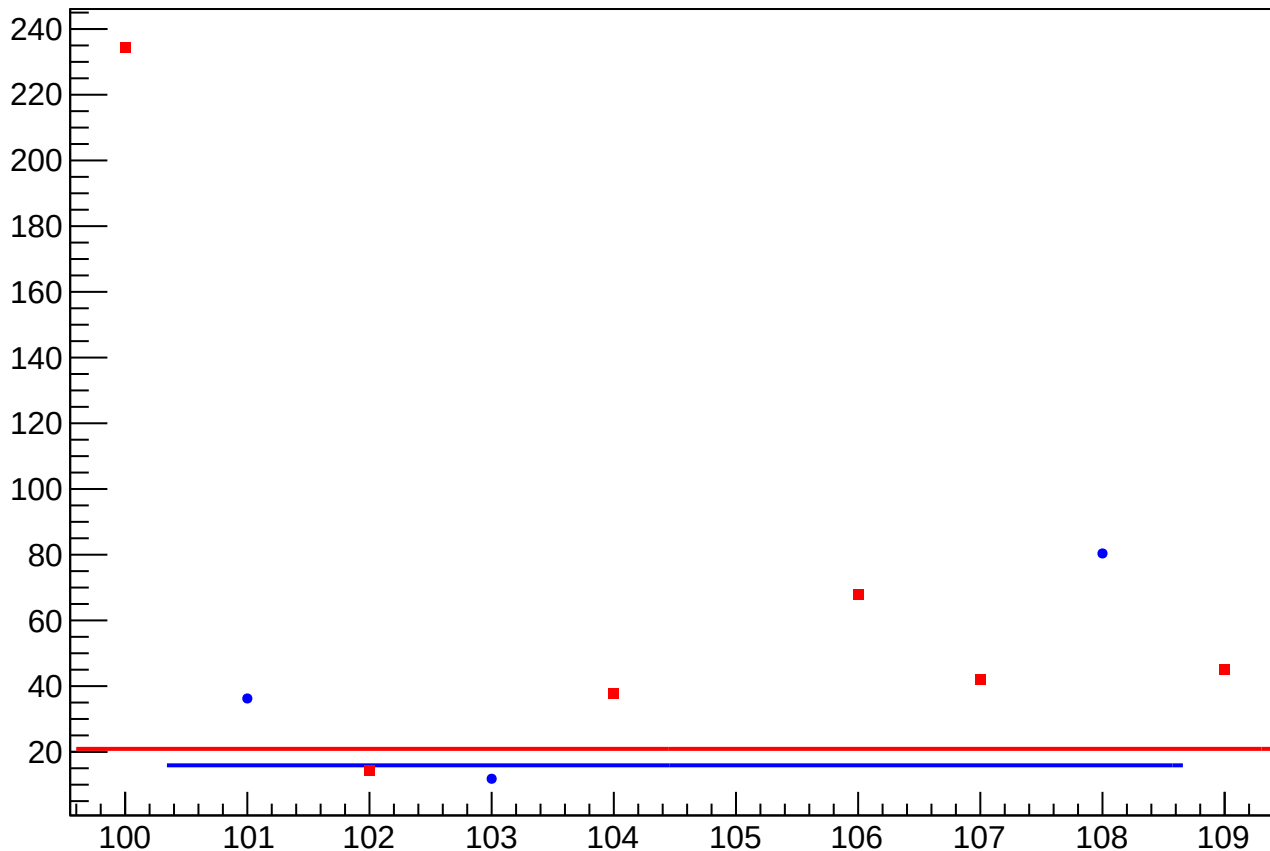
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 15.890 $\pm$ 0.013 χ^2 /NDF: 818182.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.903 $\pm$ 0.013 χ^2 /NDF: 1025722.5/5

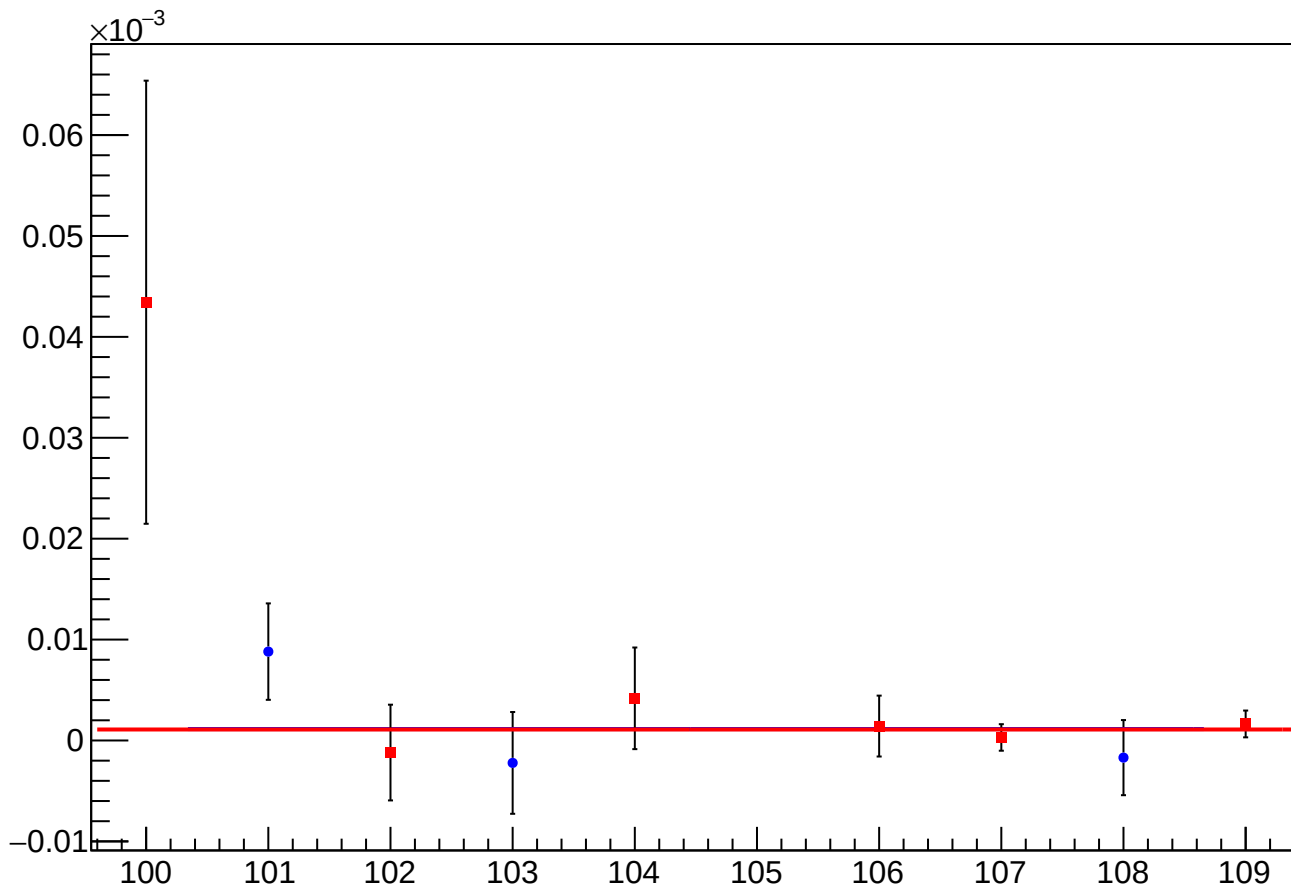
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.297 $\pm$ 0.009 χ^2 /NDF: 1916271.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/5

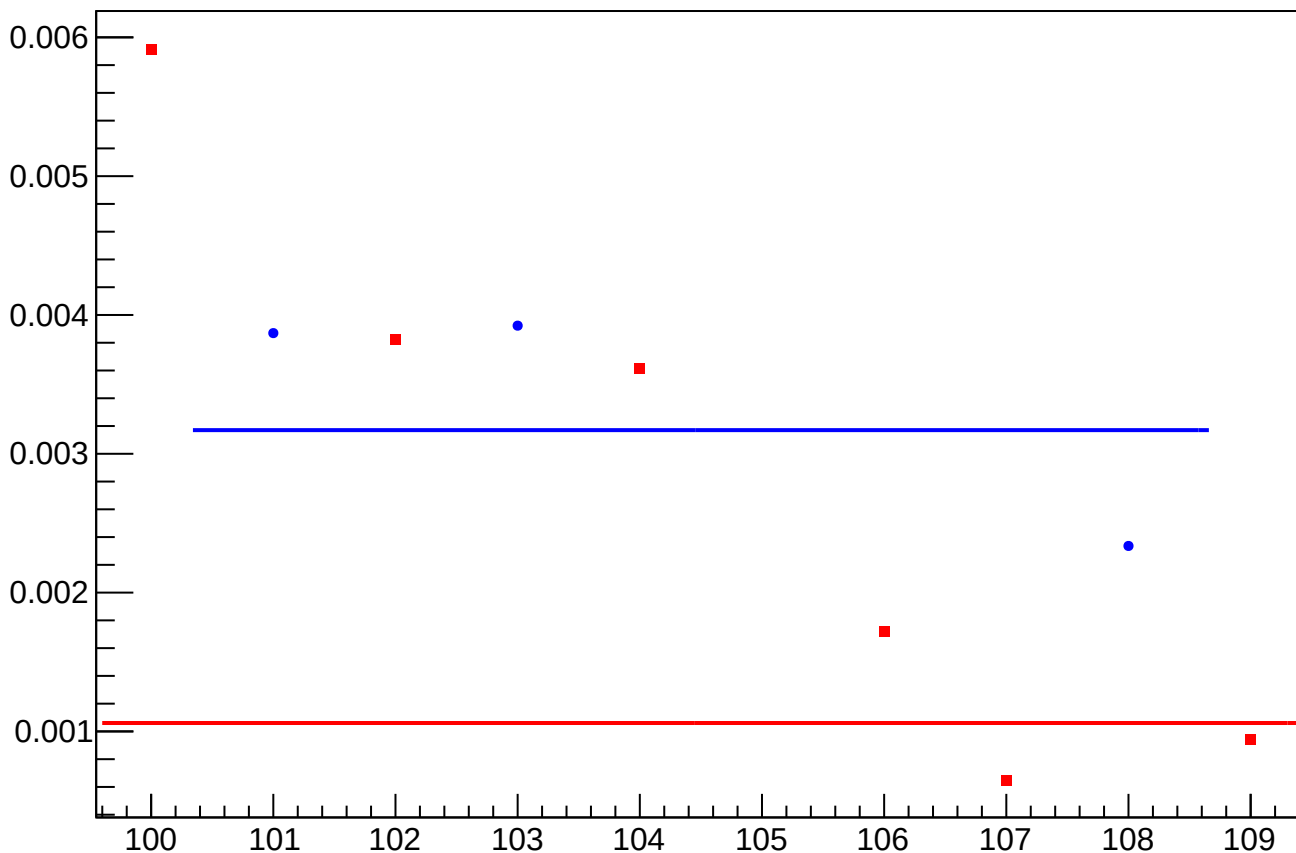
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 187763.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1600637.1/5

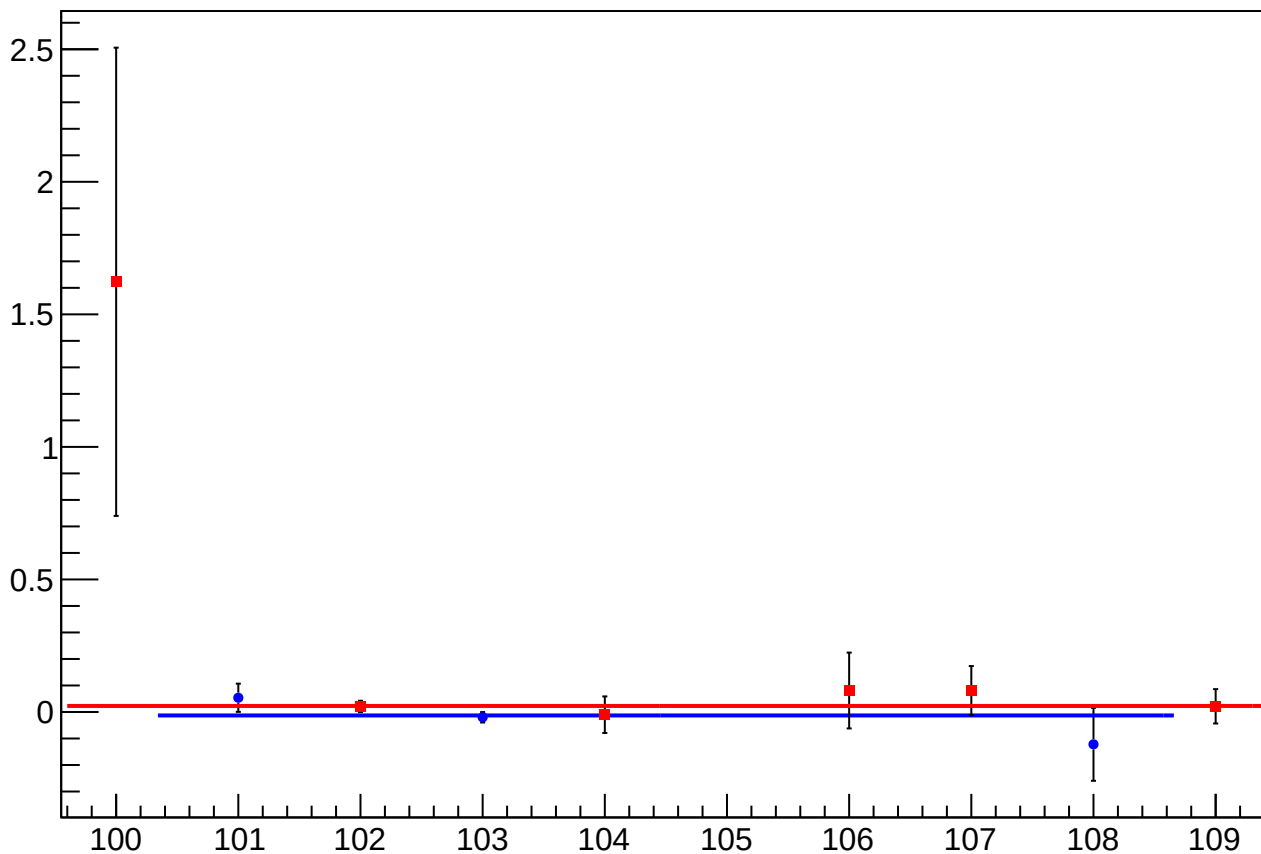
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 3027245.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.019 χ^2 /NDF: 4.1/5

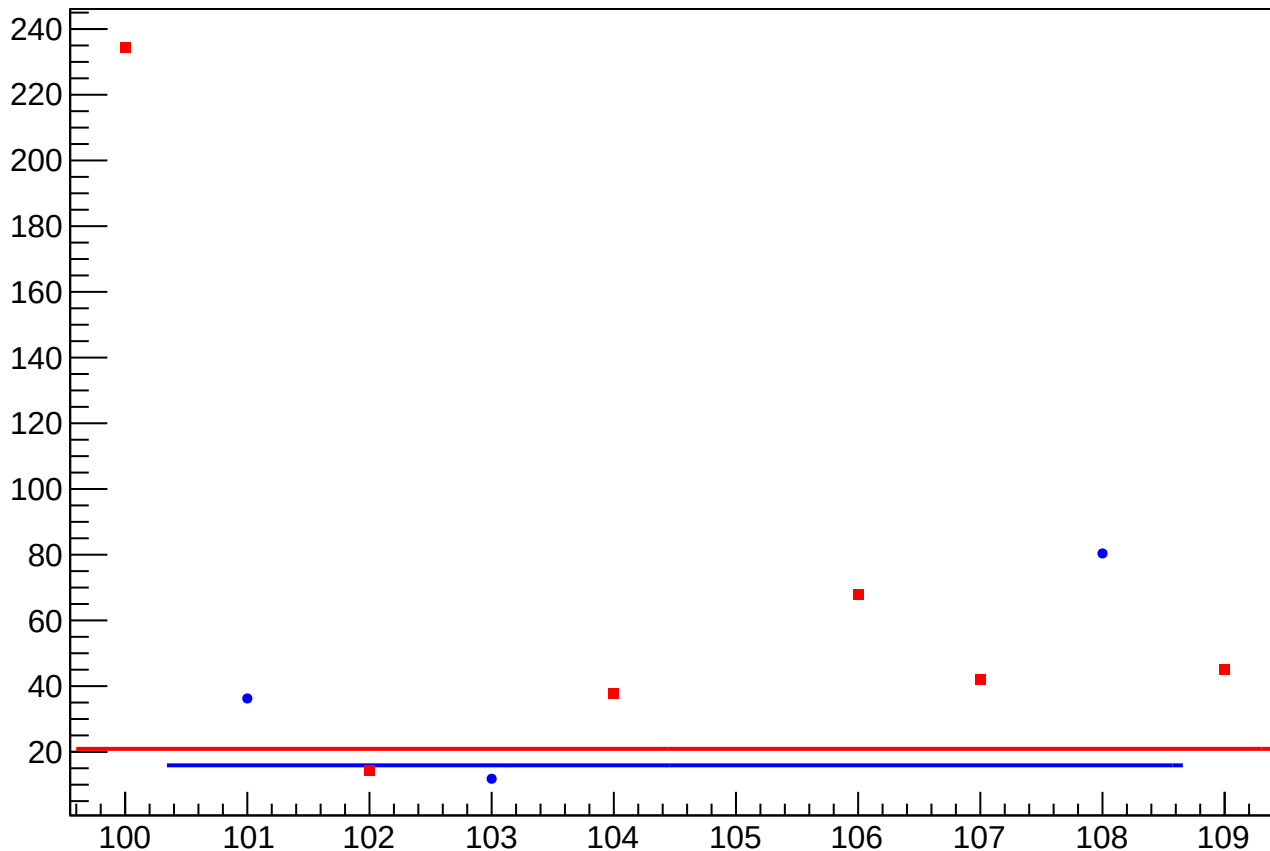
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 15.889+/-0.013 χ^2/NDF : 818261.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.907+/-0.013 χ^2/NDF : 1025528.3/5

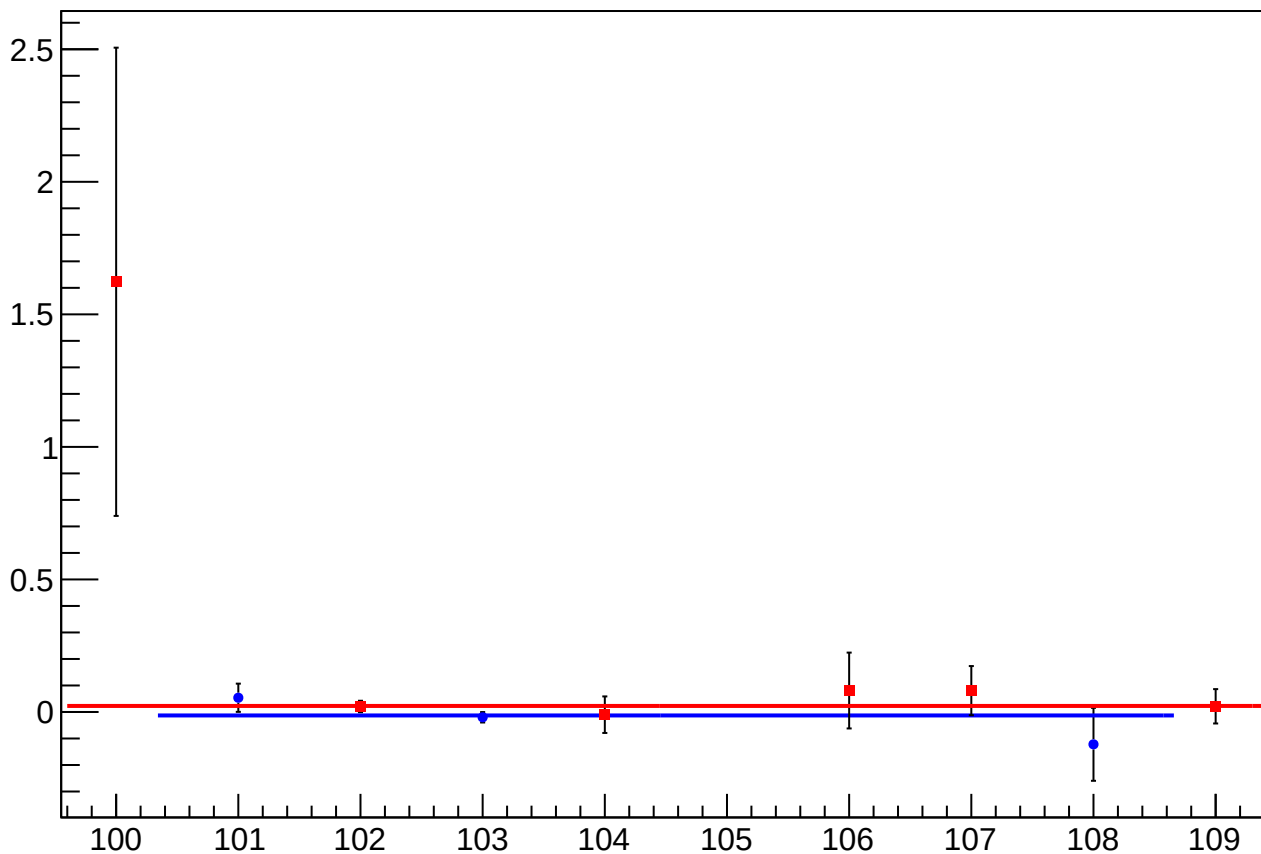
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.298+/-0.009 χ^2/NDF : 1916299.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.018 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.019 χ^2 /NDF: 4.1/5

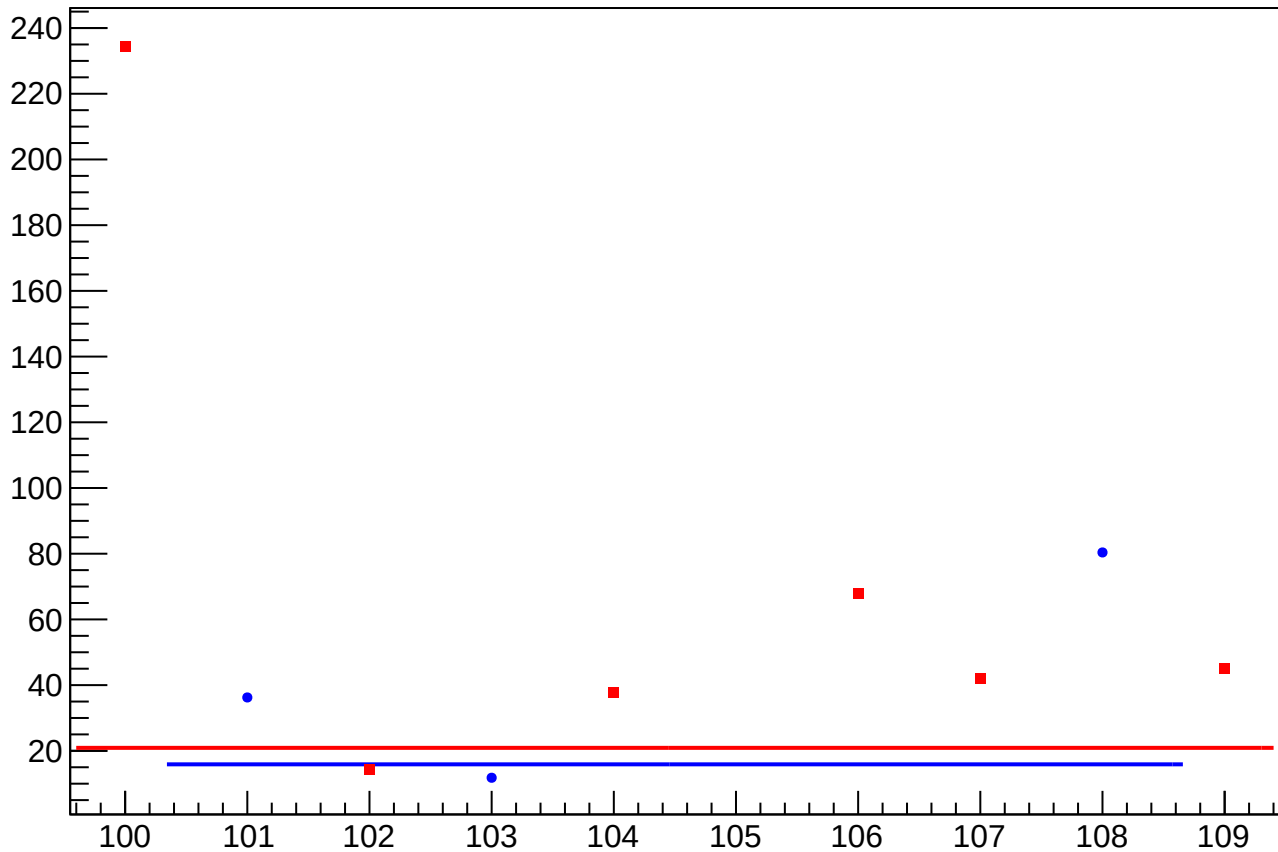
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 15.889+/-0.013 χ^2/NDF : 818261.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.907+/-0.013 χ^2/NDF : 1025528.3/5

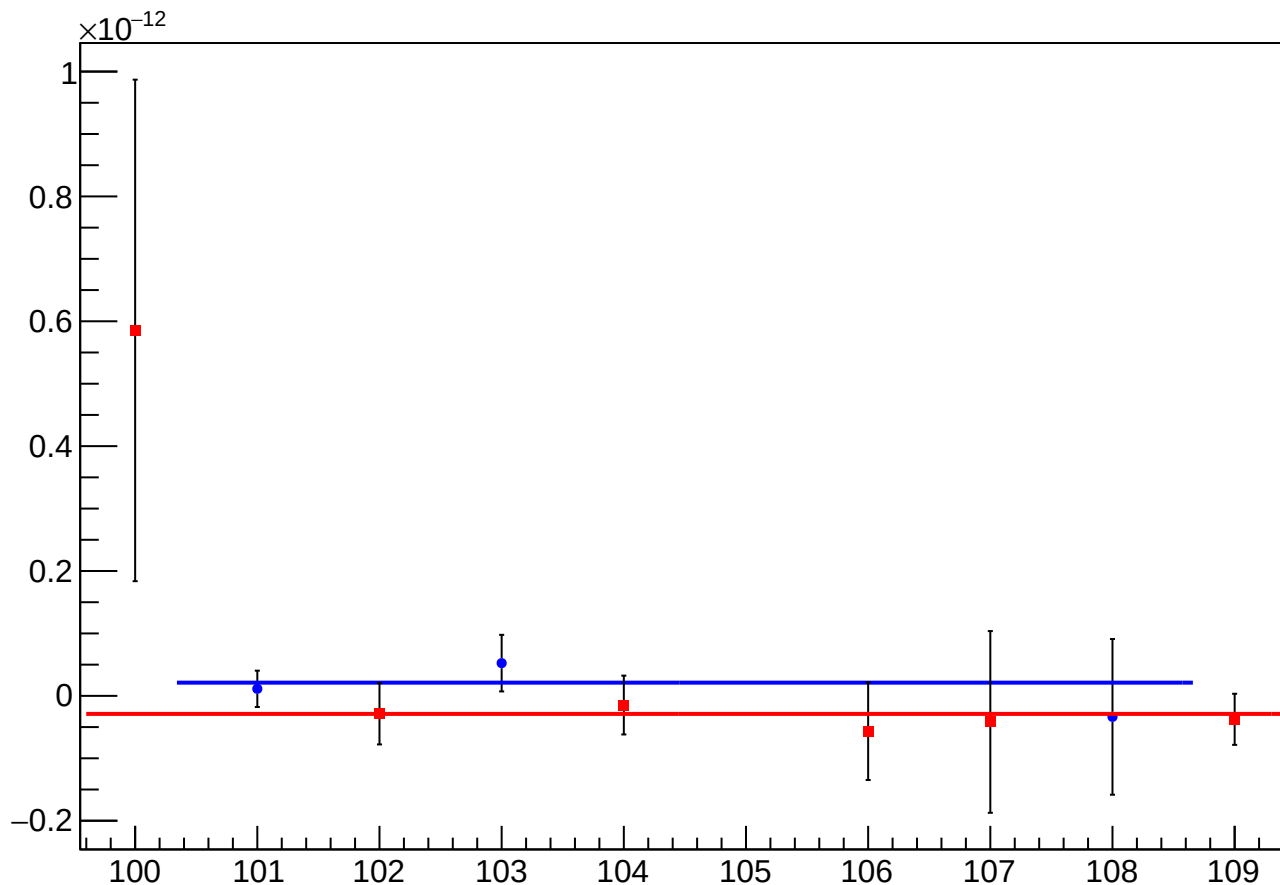
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.298+/-0.009 χ^2/NDF : 1916299.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/5

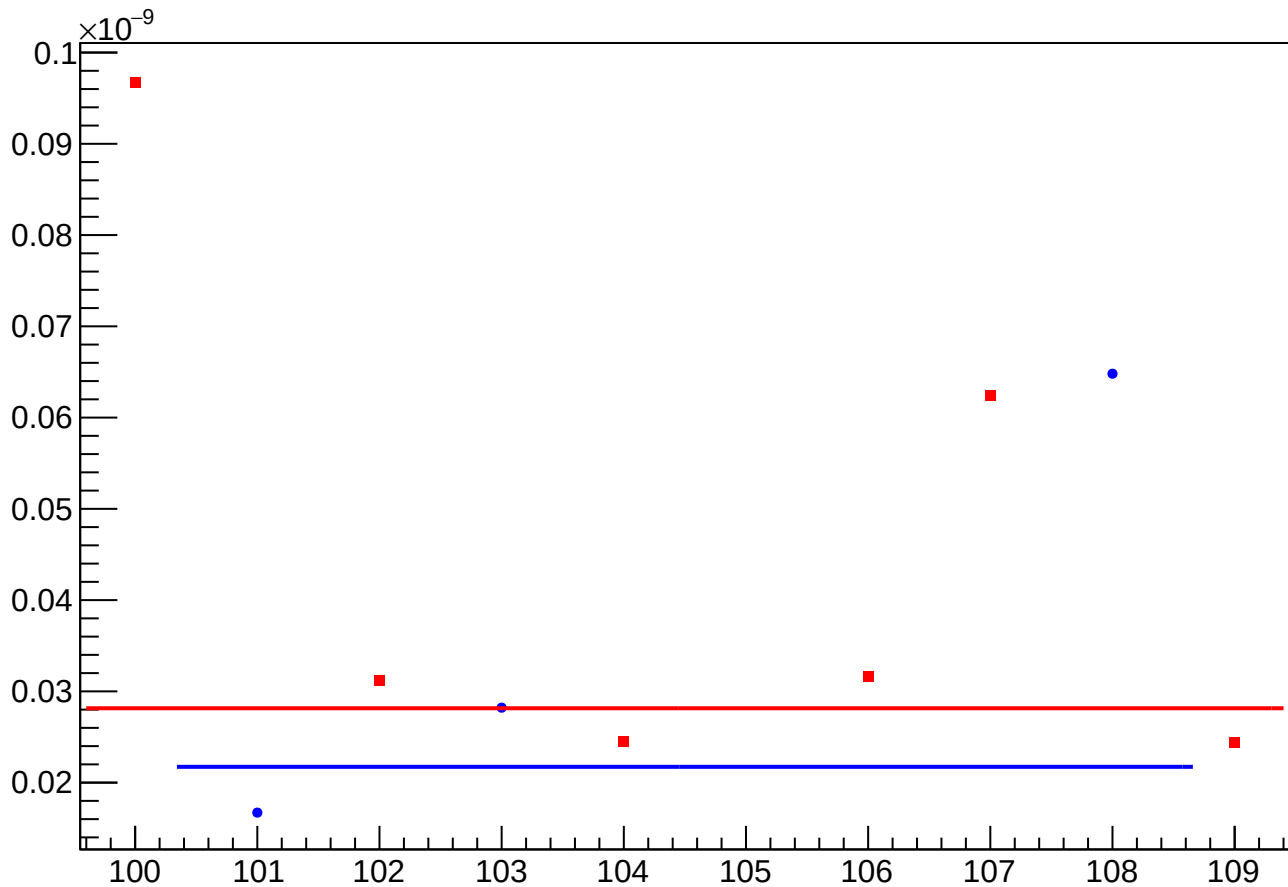
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 339056.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 209899.6/5

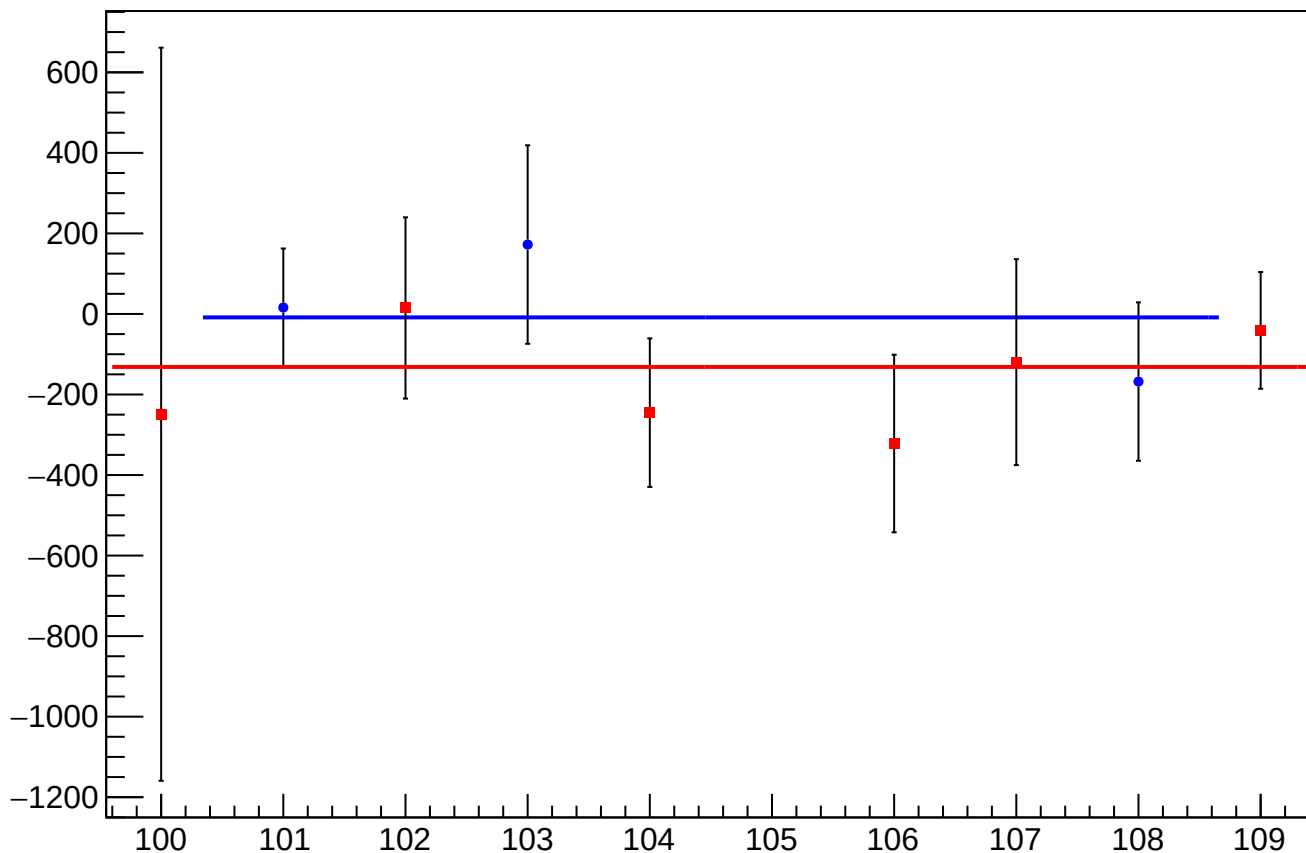
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 619190.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -8.529+/-106.069 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -131.565+/-86.462 χ^2/NDF : 2.0/5

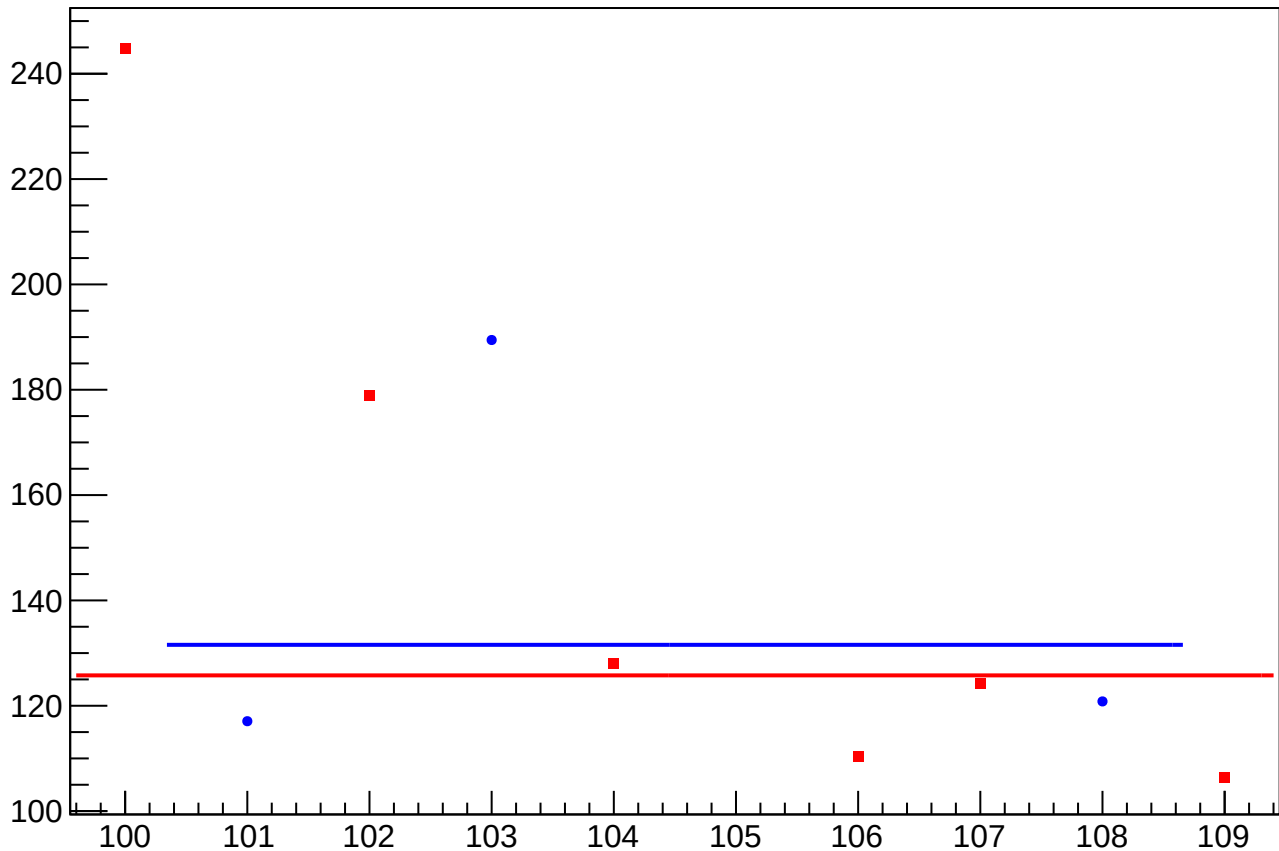
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -82.448+/-67.018 χ^2/NDF : 4.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 131.567 $\pm$ 0.075 χ^2 /NDF: 135858.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.767 $\pm$ 0.061 χ^2 /NDF: 191528.5/5

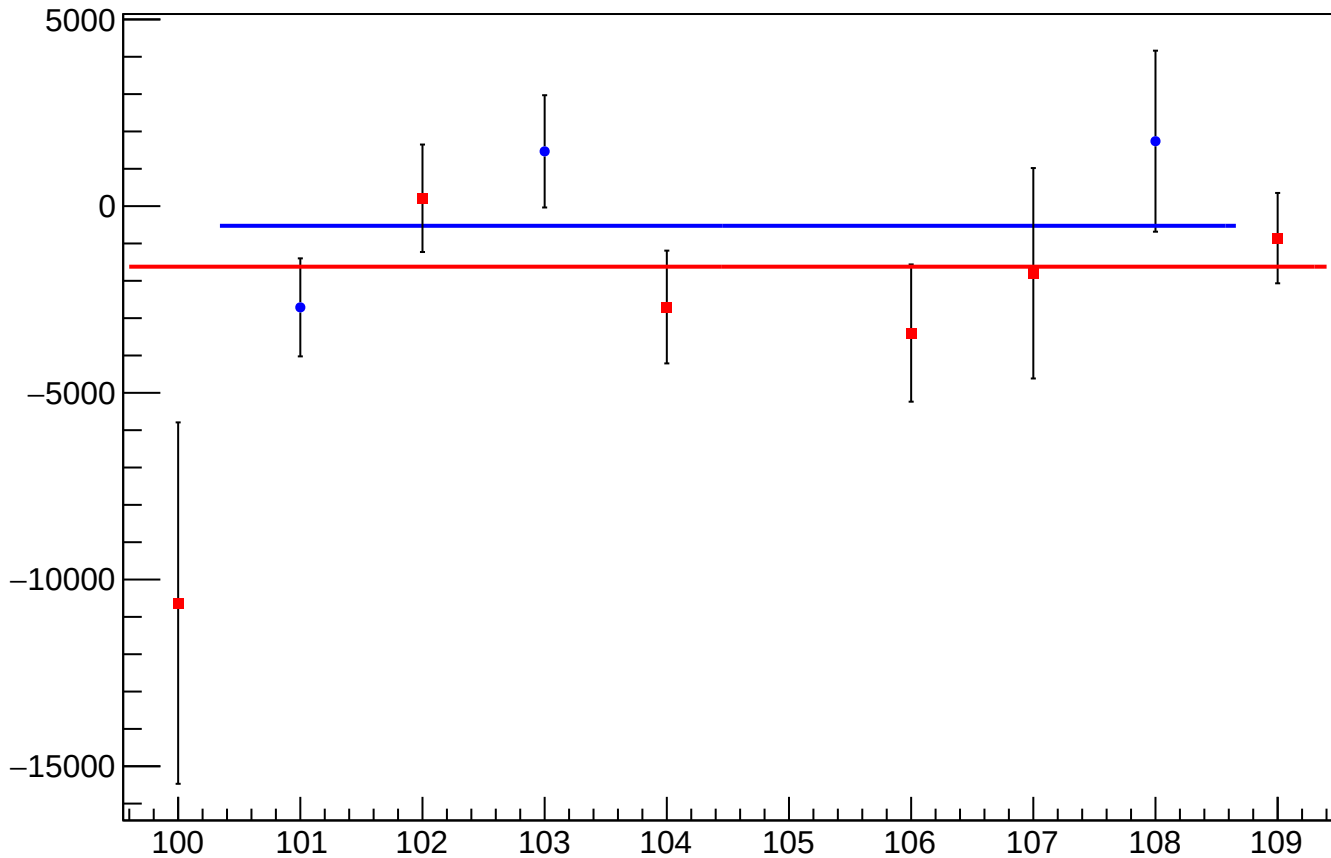
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.083 $\pm$ 0.047 χ^2 /NDF: 330979.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_correction_mean vs Slug



Right In: -526.705+/-915.527 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1621.528+/-695.167 χ^2/NDF : 6.9/5

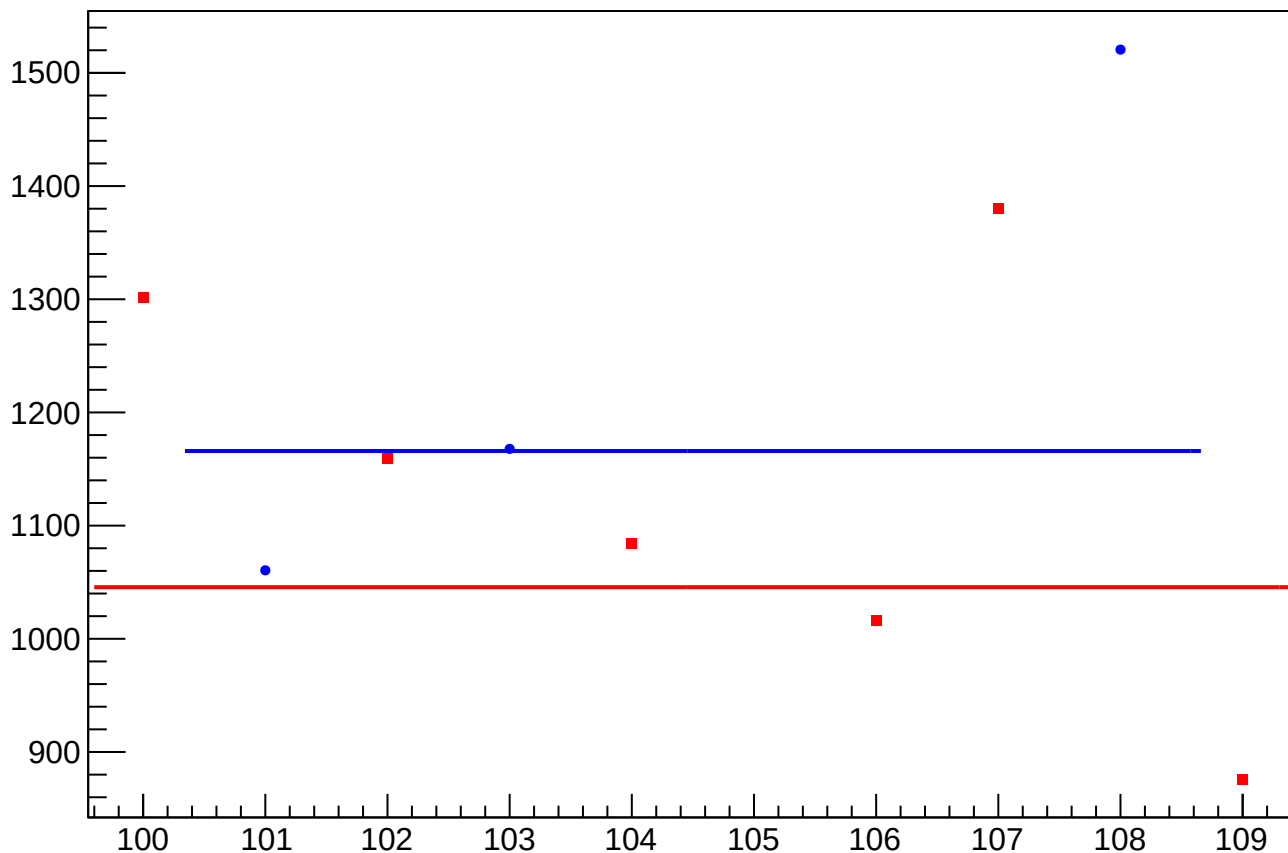
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1221.148+/-553.650 χ^2/NDF : 13.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1165.927 $\pm$ 0.647 χ^2 /NDF: 55712.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1045.618 $\pm$ 0.492 χ^2 /NDF: 87768.8/5

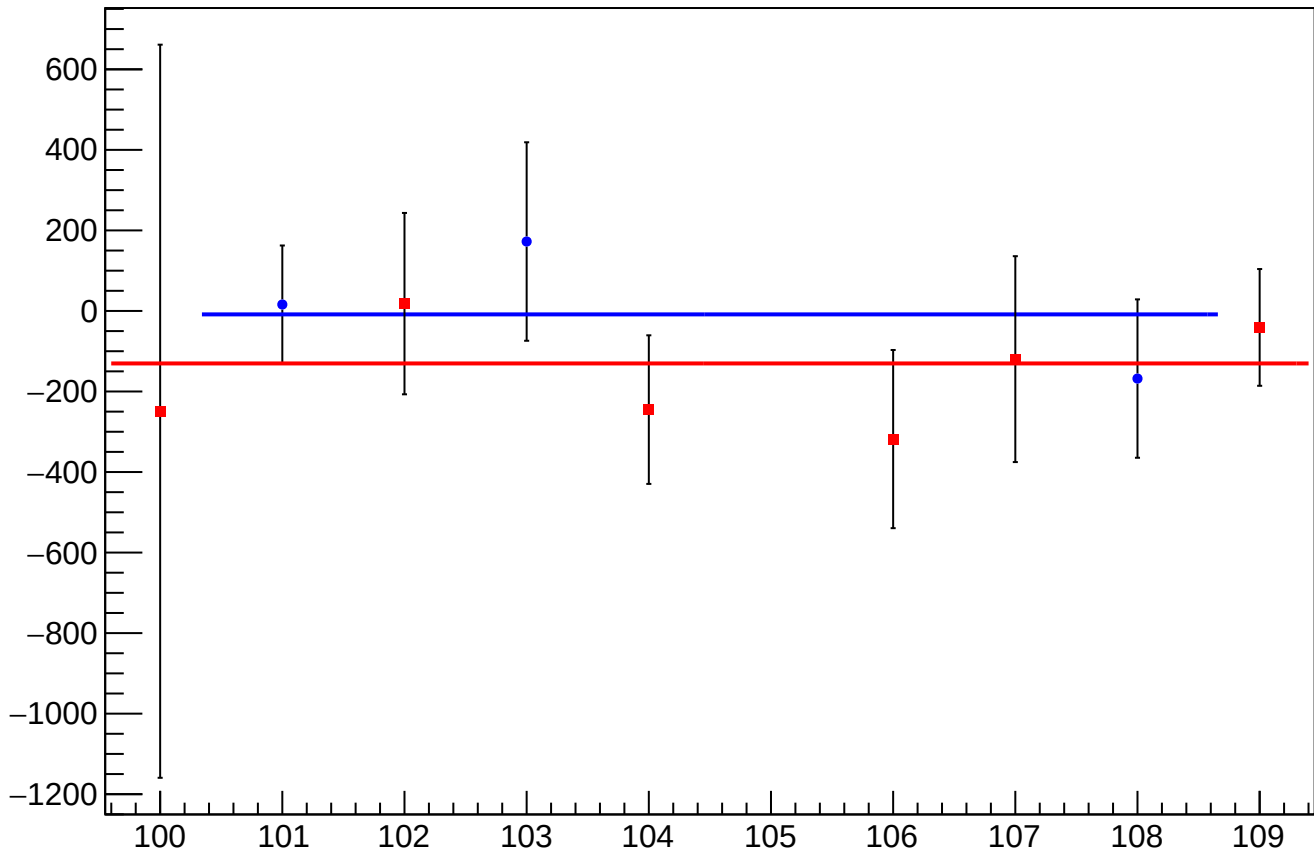
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1089.616 $\pm$ 0.391 χ^2 /NDF: 165387.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_avg_mean vs Slug



Right In: -8.532+/-106.069 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.347+/-86.510 χ^2/NDF : 1.9/5

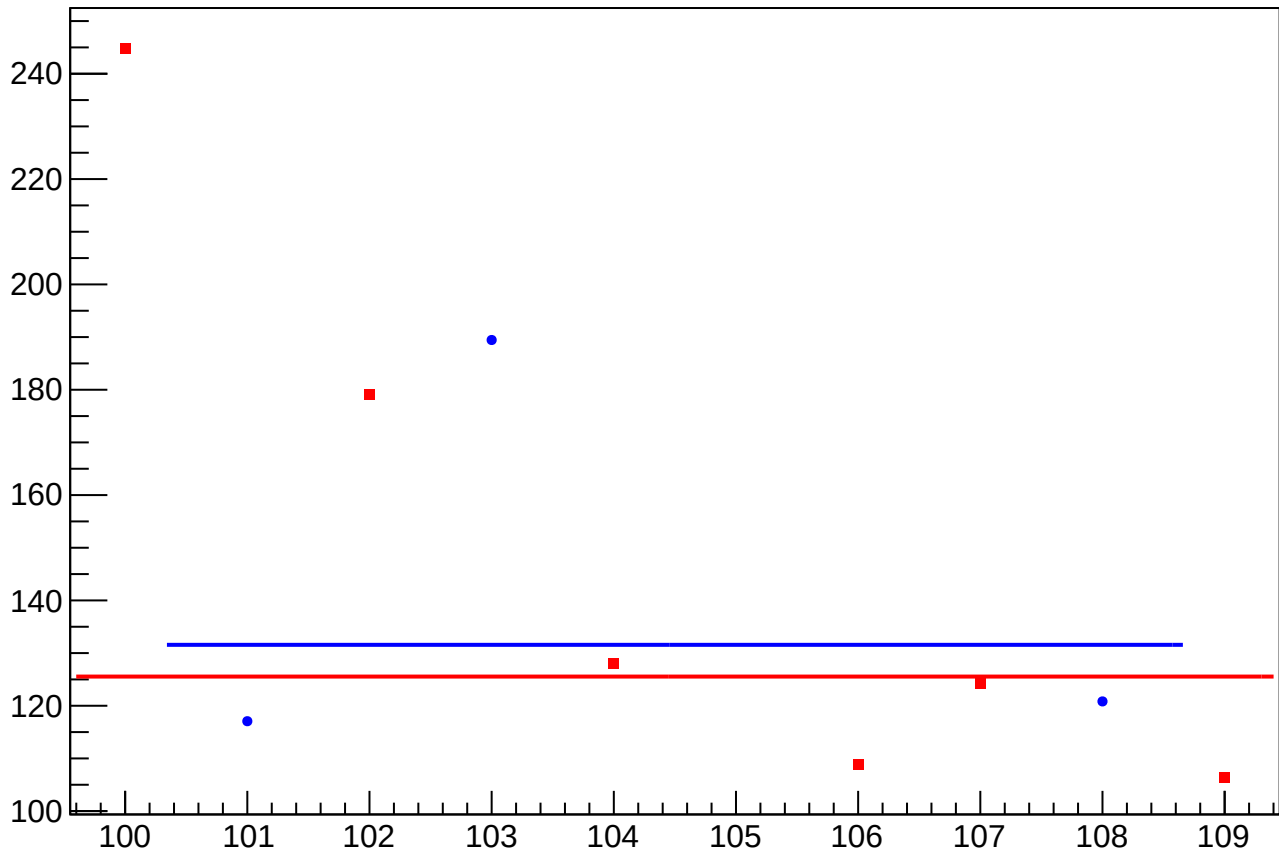
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.685+/-67.040 χ^2/NDF : 4.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_avg_rms vs Slug



Right In: 131.567 $\pm$ 0.075 χ^2 /NDF: 135861.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.542 $\pm$ 0.061 χ^2 /NDF: 193794.5/5

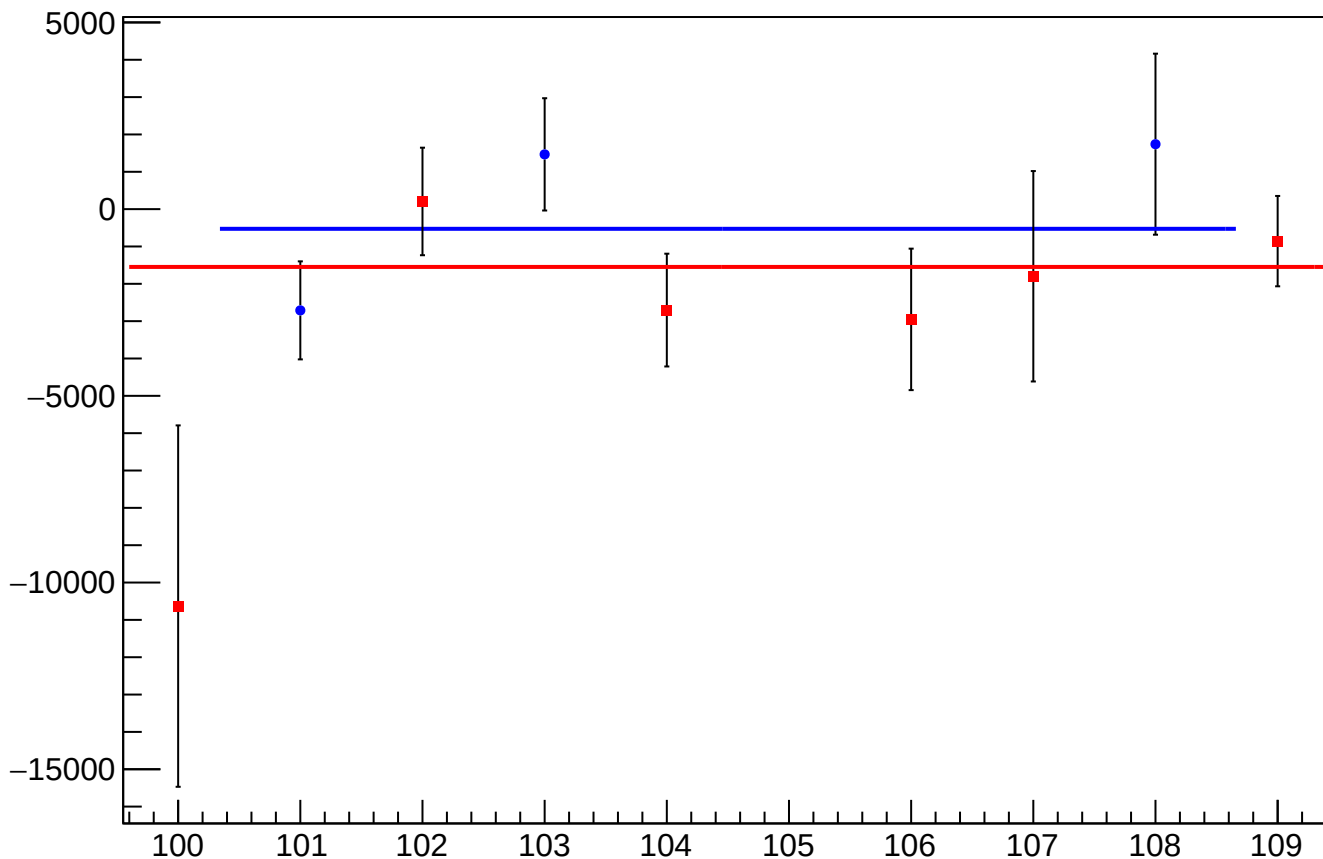
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.949 $\pm$ 0.047 χ^2 /NDF: 333531.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: -526.947+/-915.557 χ^2 /NDF: 5.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1547.732+/-698.197 χ^2 /NDF: 6.5/5

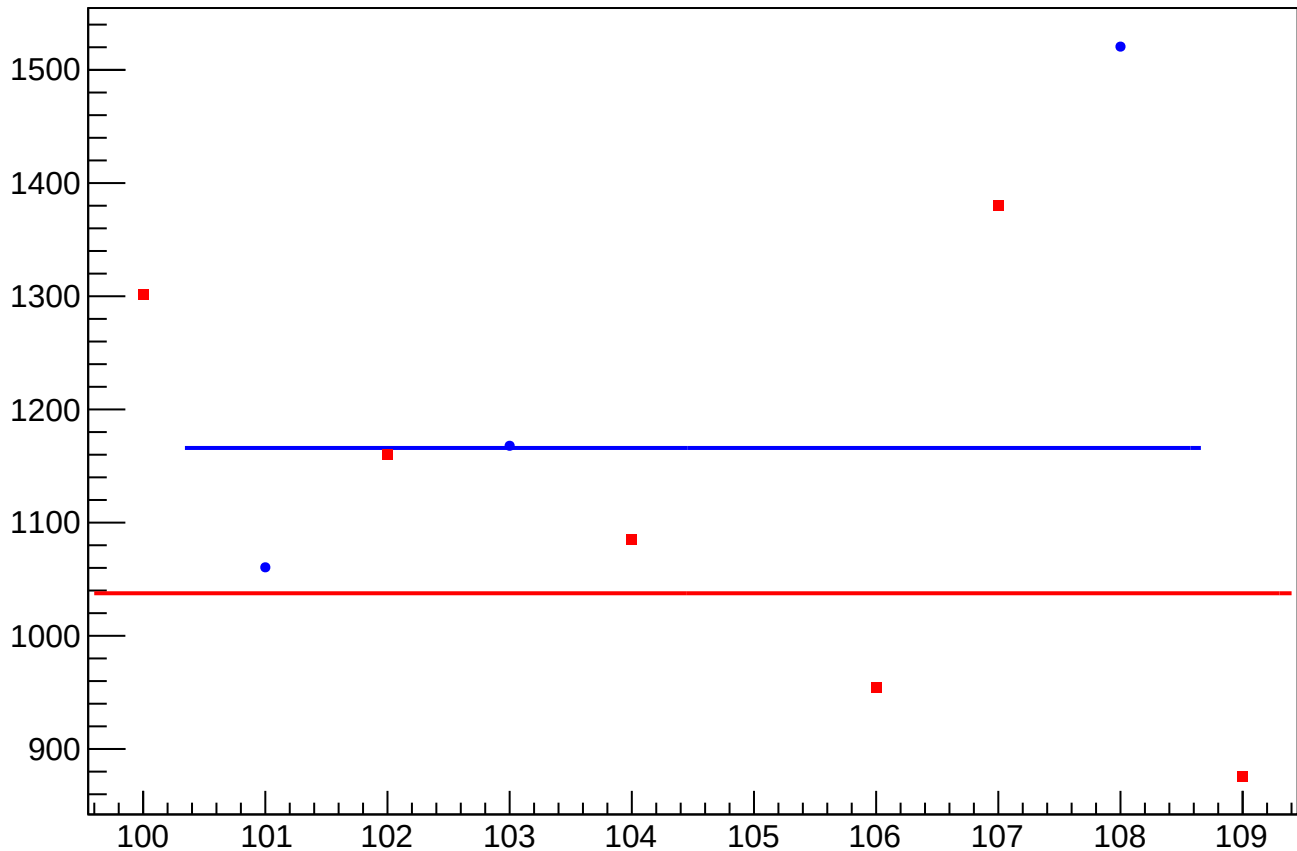
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1172.381+/-555.184 χ^2 /NDF: 12.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1165.965 $\pm$ 0.647 χ^2 /NDF: 55712.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1037.582 $\pm$ 0.494 χ^2 /NDF: 91774.2/5

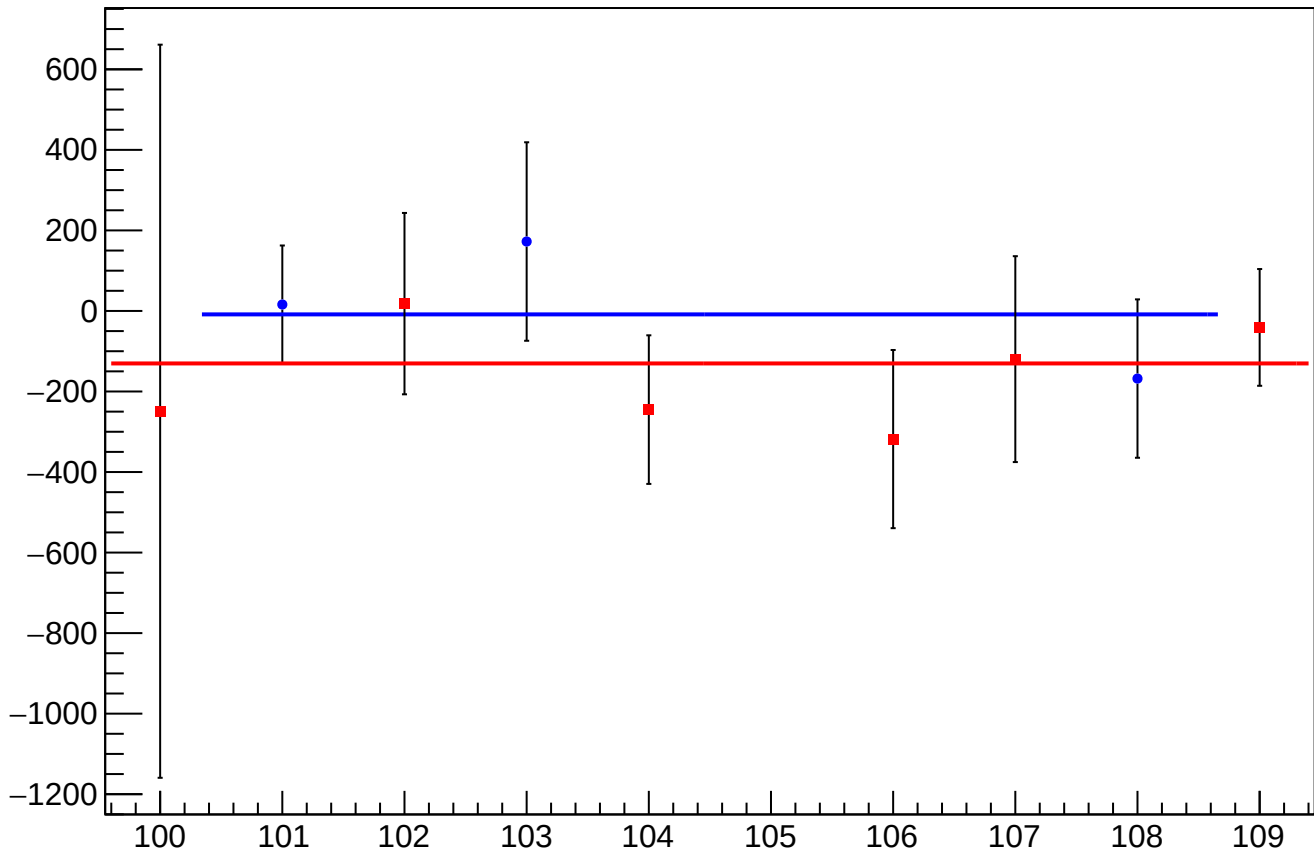
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1084.789 $\pm$ 0.393 χ^2 /NDF: 172351.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_avg_mean vs Slug



Right In: -8.532+/-106.069 χ^2 /NDF: 1.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -130.347+/-86.510 χ^2 /NDF: 1.9/5

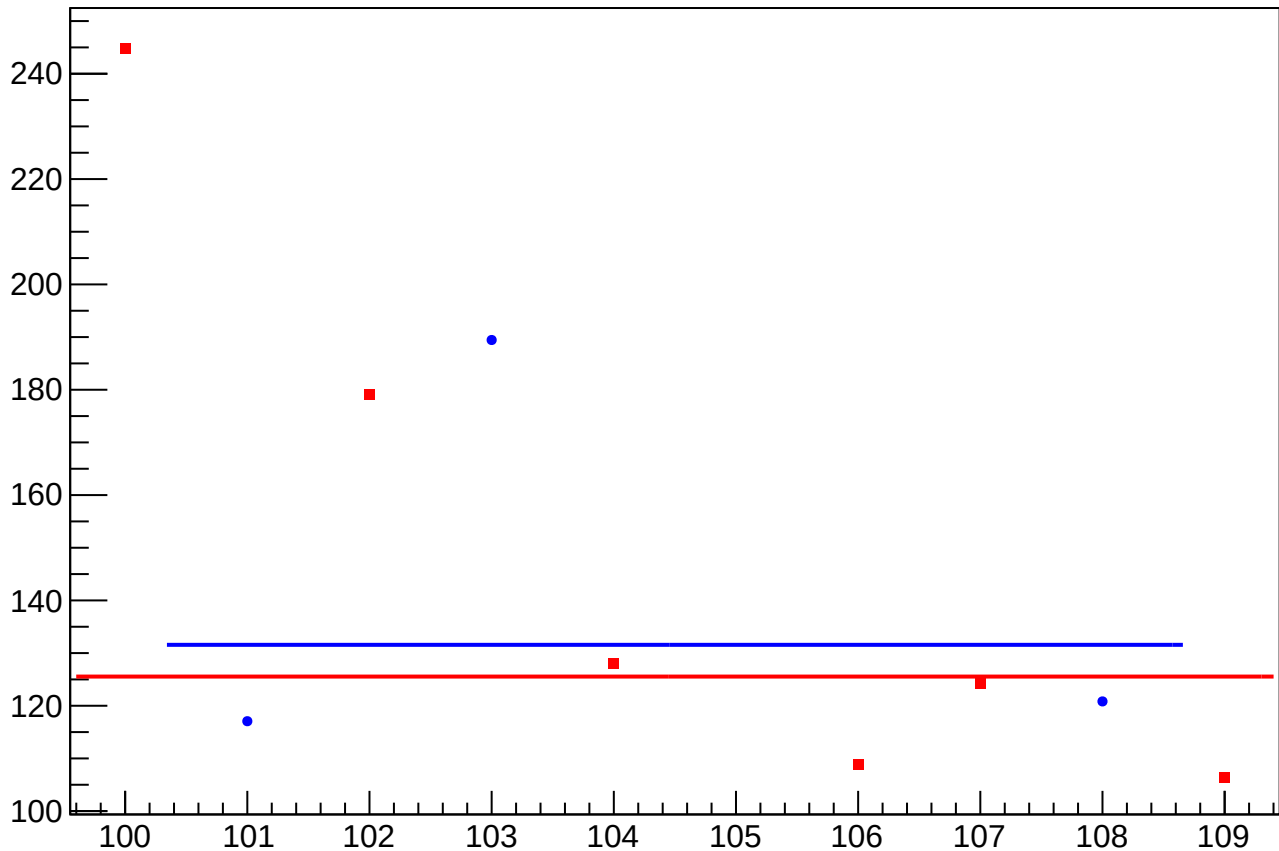
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -81.685+/-67.040 χ^2 /NDF: 4.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 131.567 $\pm$ 0.075 χ^2 /NDF: 135861.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.542 $\pm$ 0.061 χ^2 /NDF: 193794.5/5

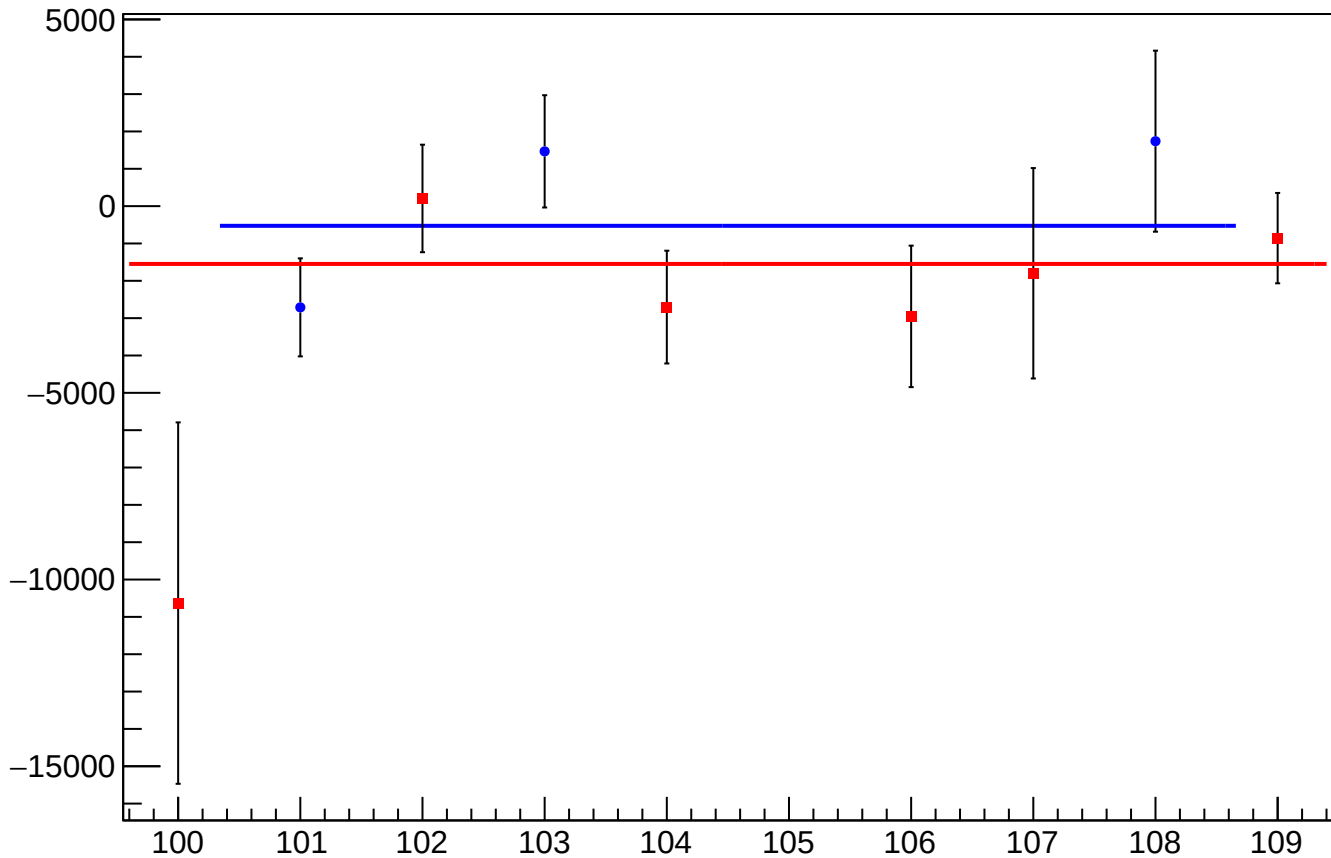
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.949 $\pm$ 0.047 χ^2 /NDF: 333531.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_cor_correction_mean vs Slug



Right In: -526.947+/-915.557 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1547.732+/-698.197 χ^2/NDF : 6.5/5

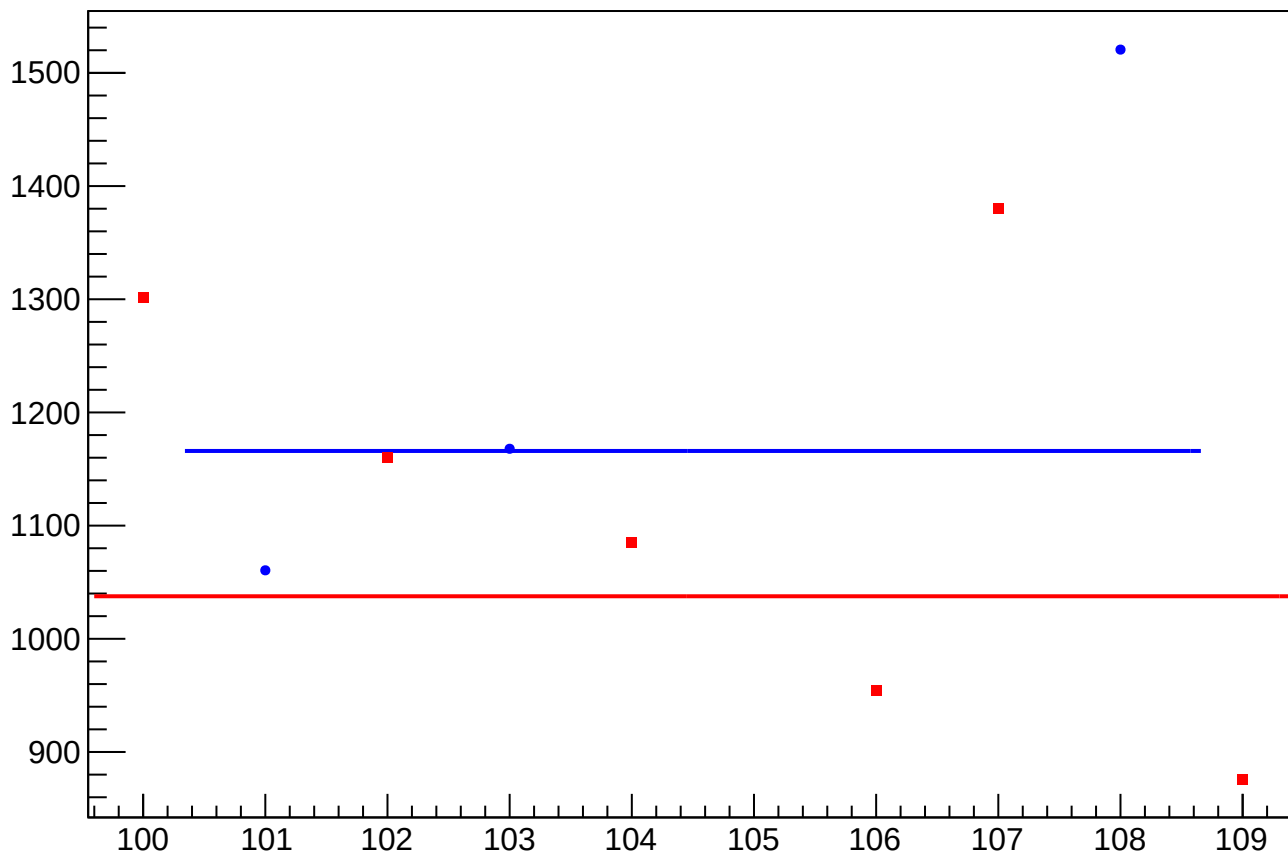
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1172.381+/-555.184 χ^2/NDF : 12.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_rms vs Slug



Right In: 1165.965 $\pm$ 0.647 χ^2 /NDF: 55712.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1037.582 $\pm$ 0.494 χ^2 /NDF: 91774.2/5

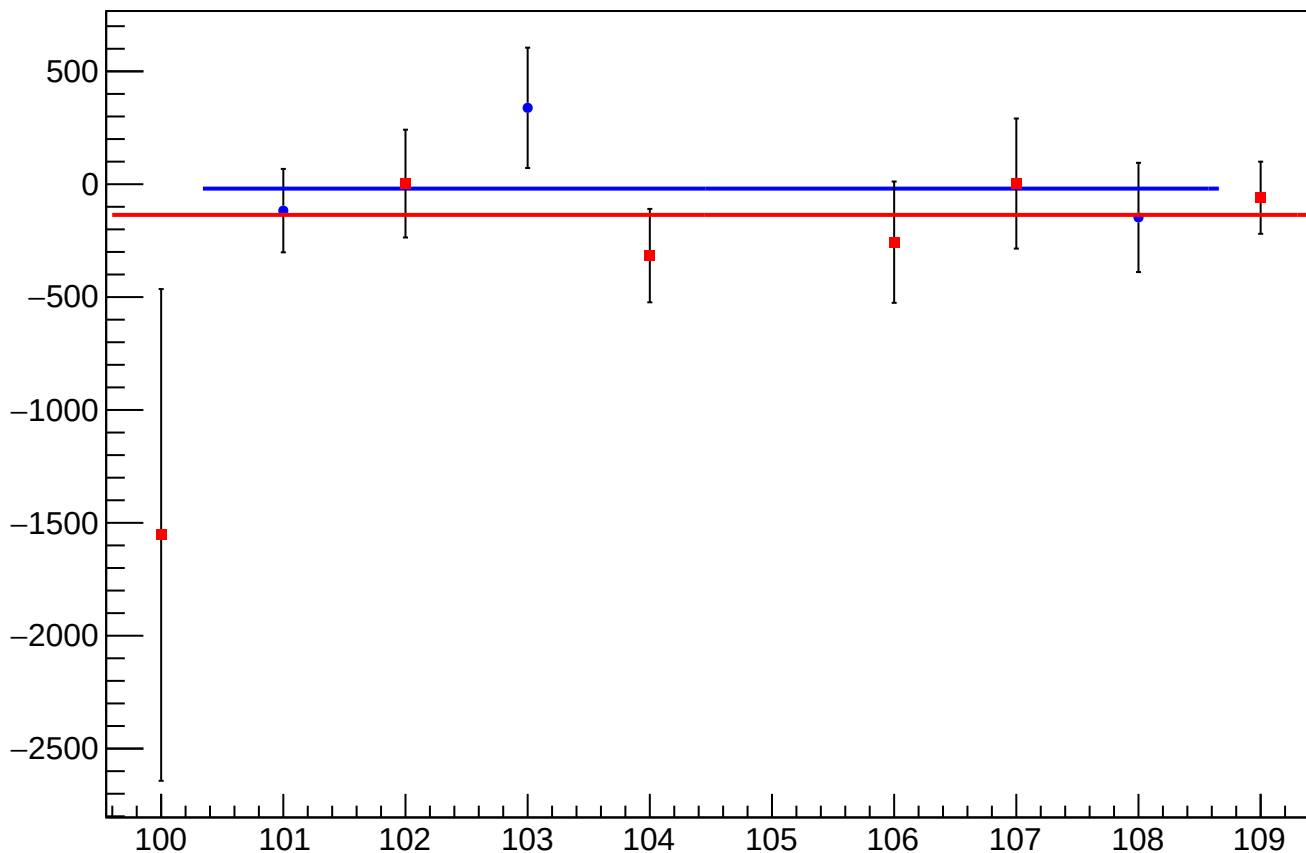
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1084.789 $\pm$ 0.393 χ^2 /NDF: 172351.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_avg_mean vs Slug



Right In: -19.475 ± 128.633 χ^2/NDF : 2.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -135.933 ± 96.758 χ^2/NDF : 3.5/5

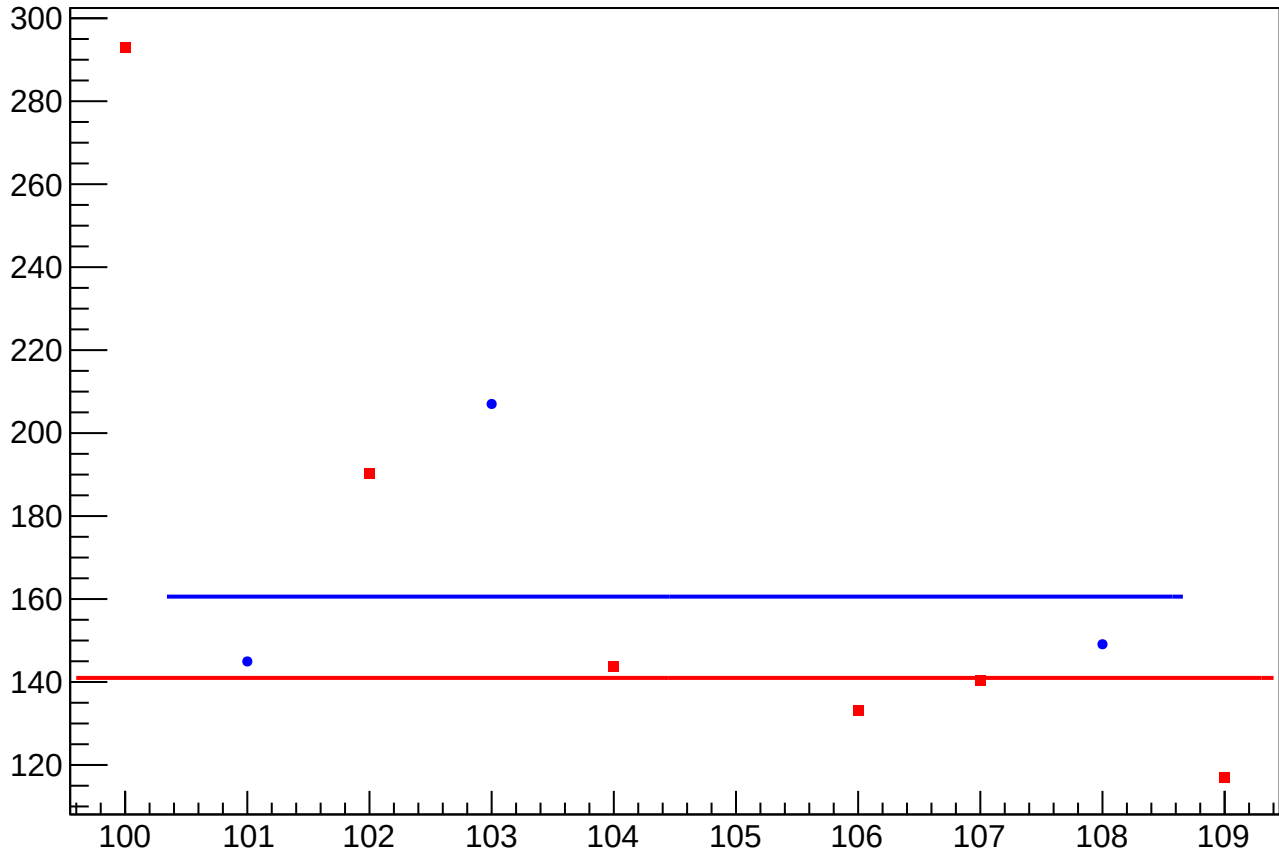
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -93.851 ± 77.324 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_rms vs Slug



Right In: 160.584 $\pm$ 0.091 χ^2 /NDF: 79514.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140.986 $\pm$ 0.068 χ^2 /NDF: 170961.0/5

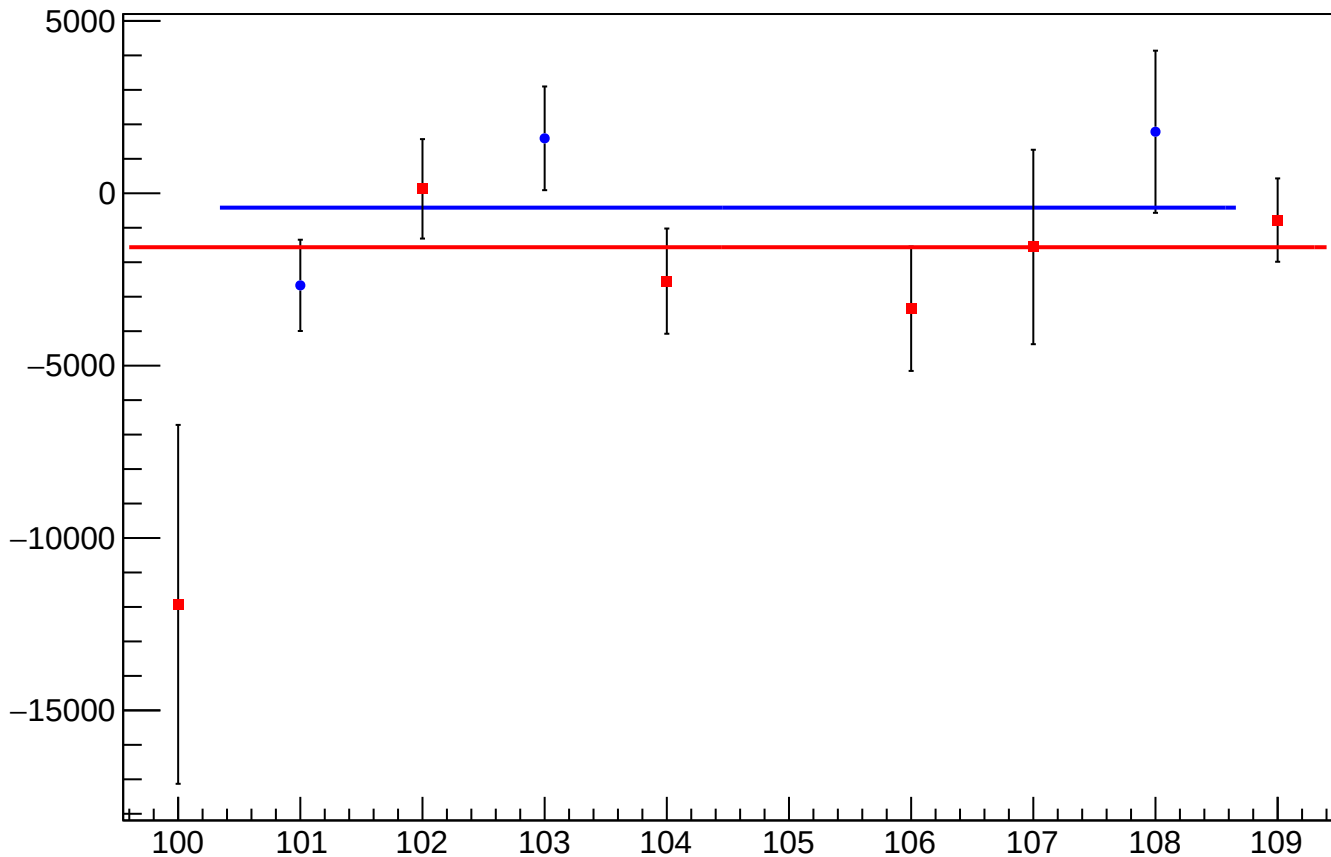
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.067 $\pm$ 0.055 χ^2 /NDF: 280123.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: -416.317+/-915.349 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1564.390+/-696.089 χ^2/NDF : 7.2/5

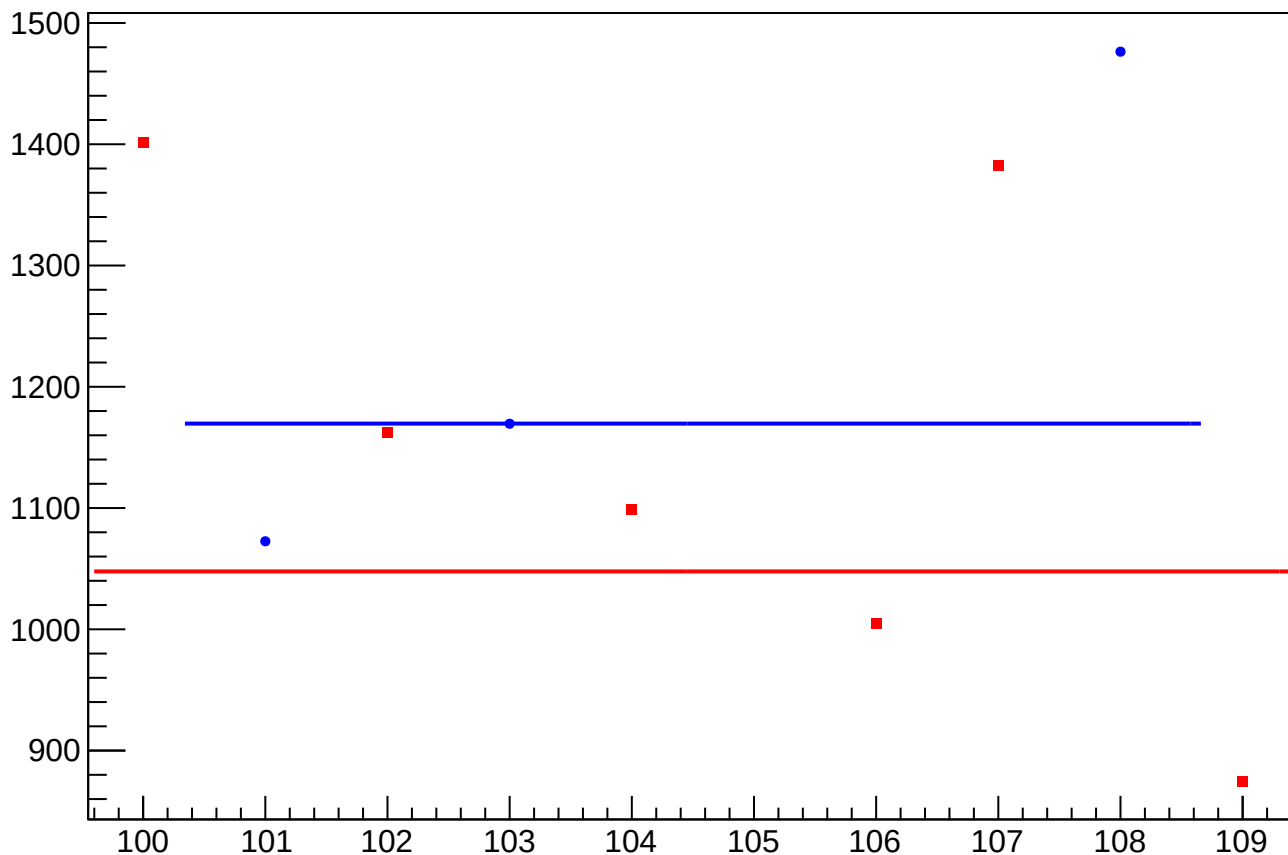
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1143.726+/-554.076 χ^2/NDF : 13.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1169.637 $\pm$ 0.647 χ^2 /NDF: 44756.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1047.730 $\pm$ 0.492 χ^2 /NDF: 94530.8/5

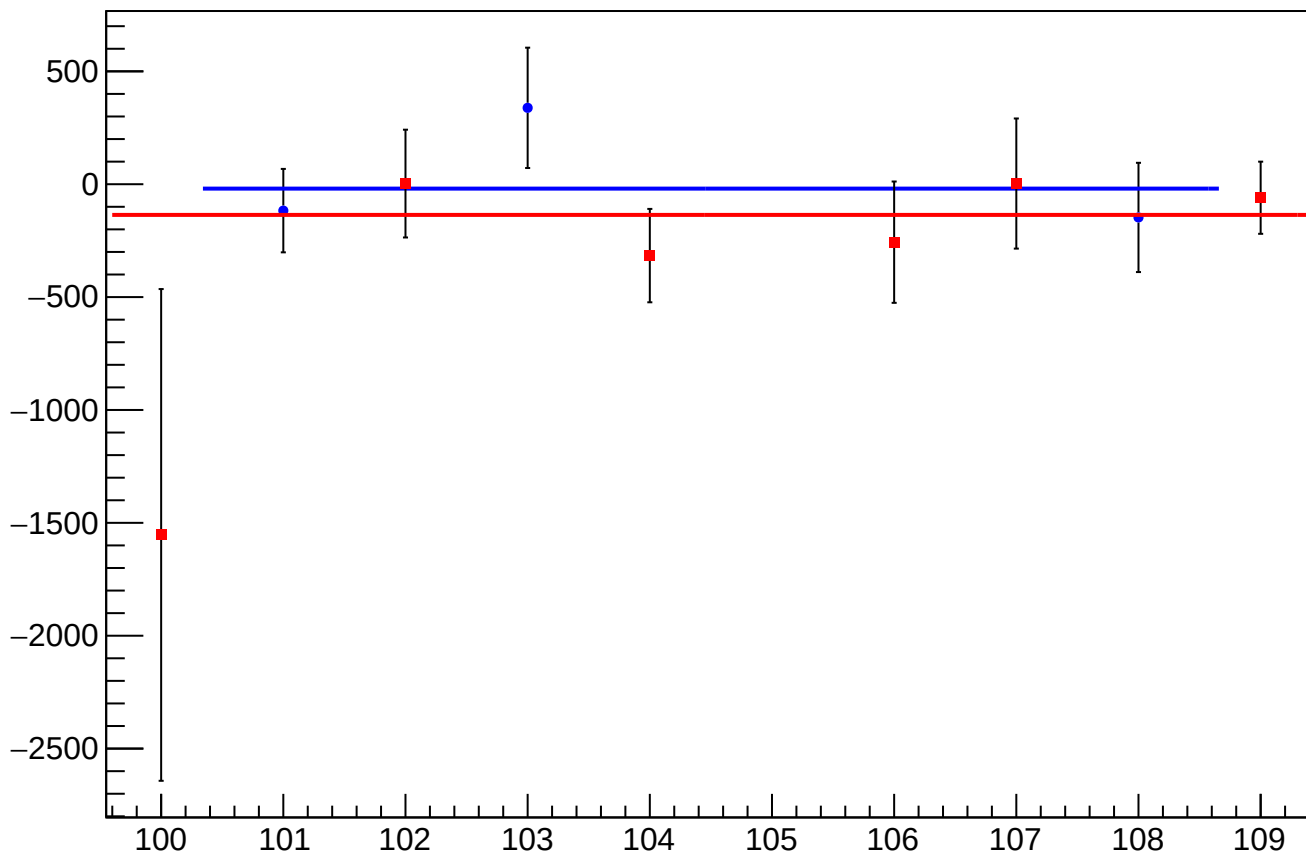
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1092.398 $\pm$ 0.392 χ^2 /NDF: 161763.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_avg_mean vs Slug



Right In: -19.472 ± 128.634 χ^2/NDF : 2.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -135.932 ± 96.758 χ^2/NDF : 3.5/5

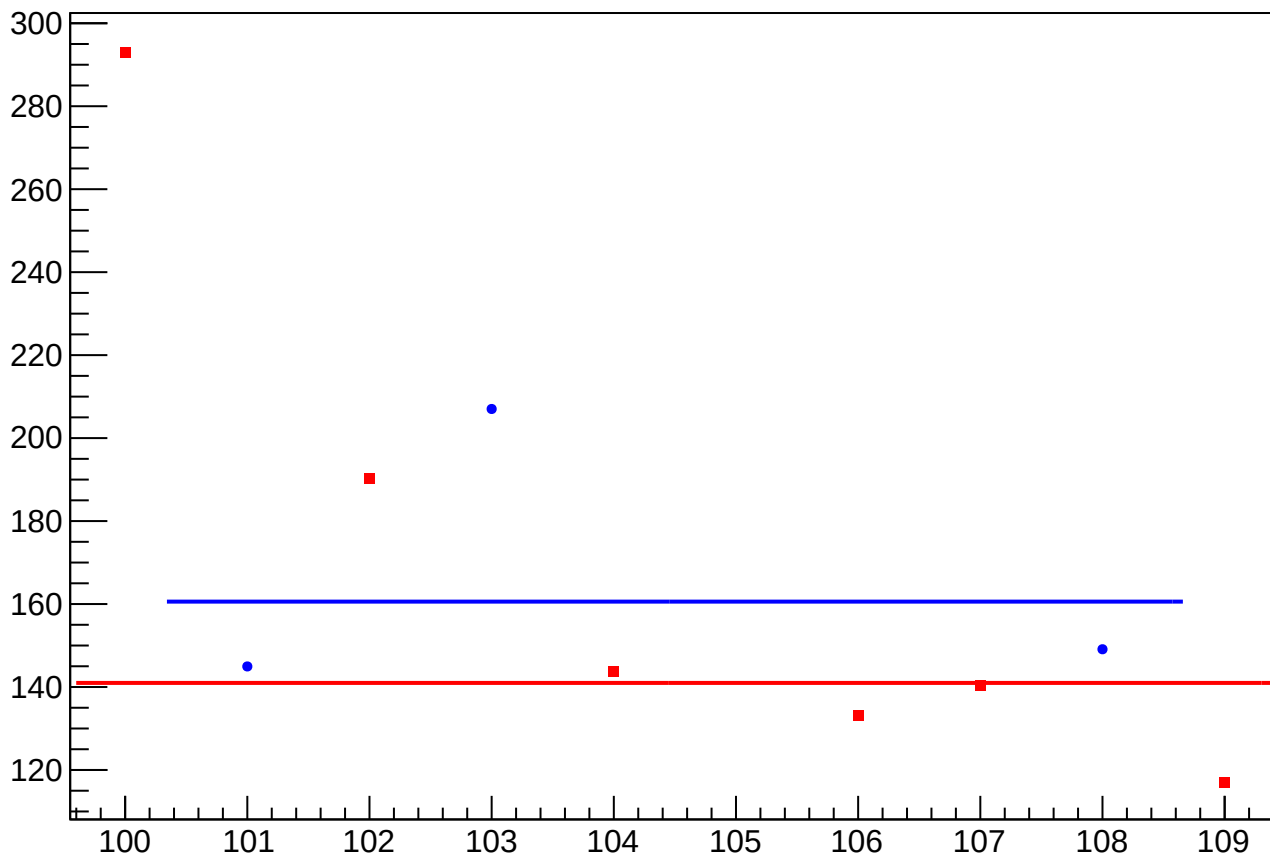
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -93.849 ± 77.325 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 160.584 $\pm$ 0.091 χ^2 /NDF: 79512.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 140.986 $\pm$ 0.068 χ^2 /NDF: 170960.1/5

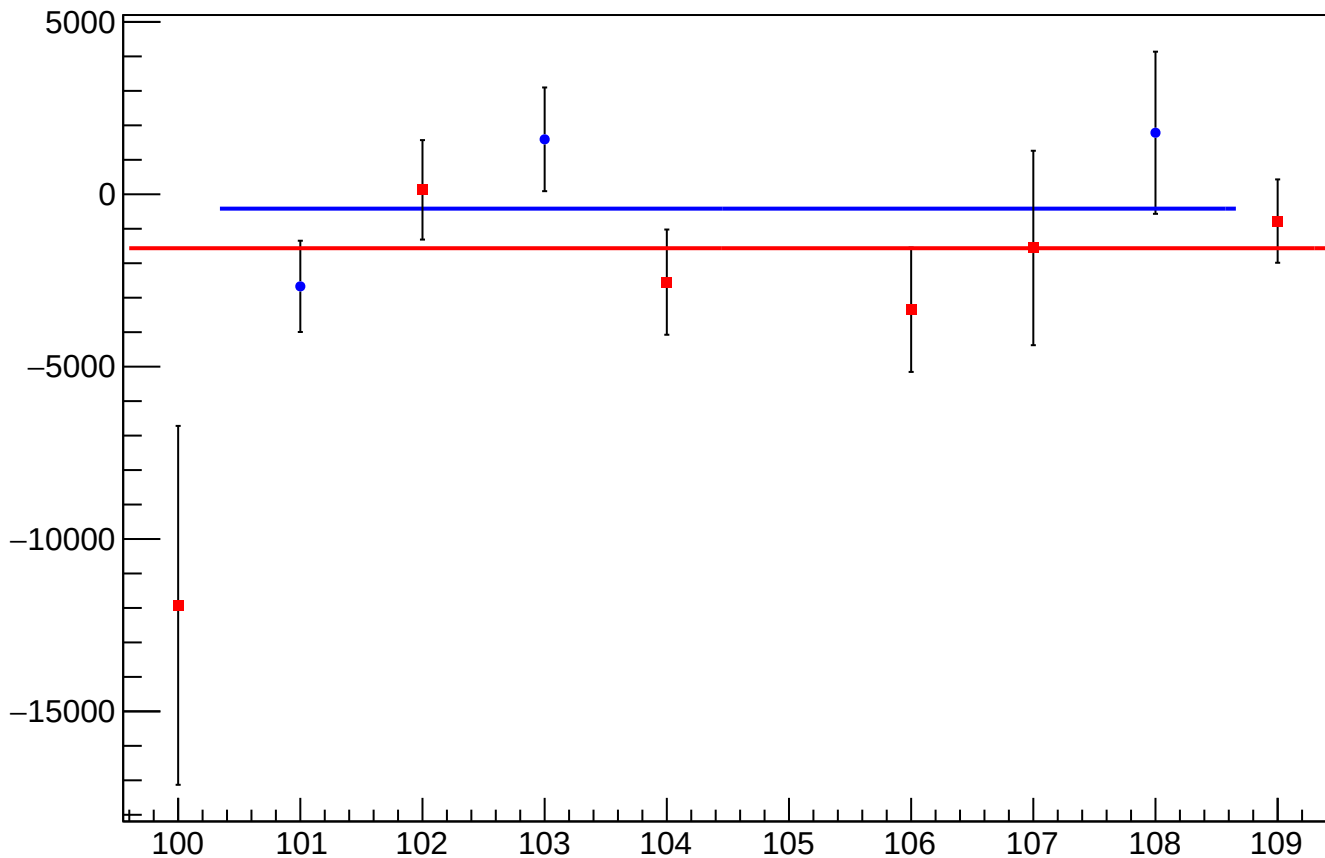
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.068 $\pm$ 0.055 χ^2 /NDF: 280122.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



Right In: -416.318+/-915.348 χ^2 /NDF: 5.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1564.389+/-696.089 χ^2 /NDF: 7.2/5

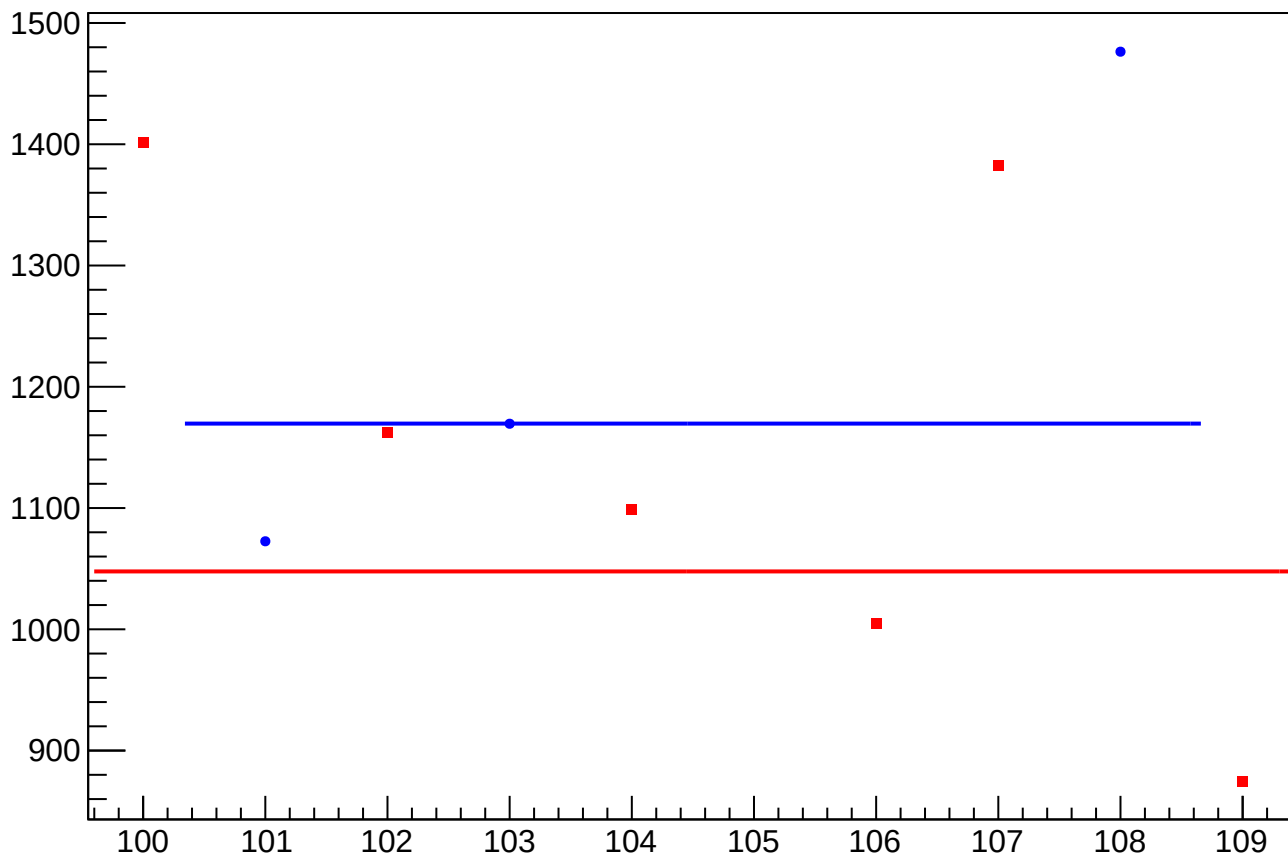
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1143.726+/-554.076 χ^2 /NDF: 13.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1169.637 $\pm$ 0.647 χ^2 /NDF: 44755.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1047.729 $\pm$ 0.492 χ^2 /NDF: 94531.4/5

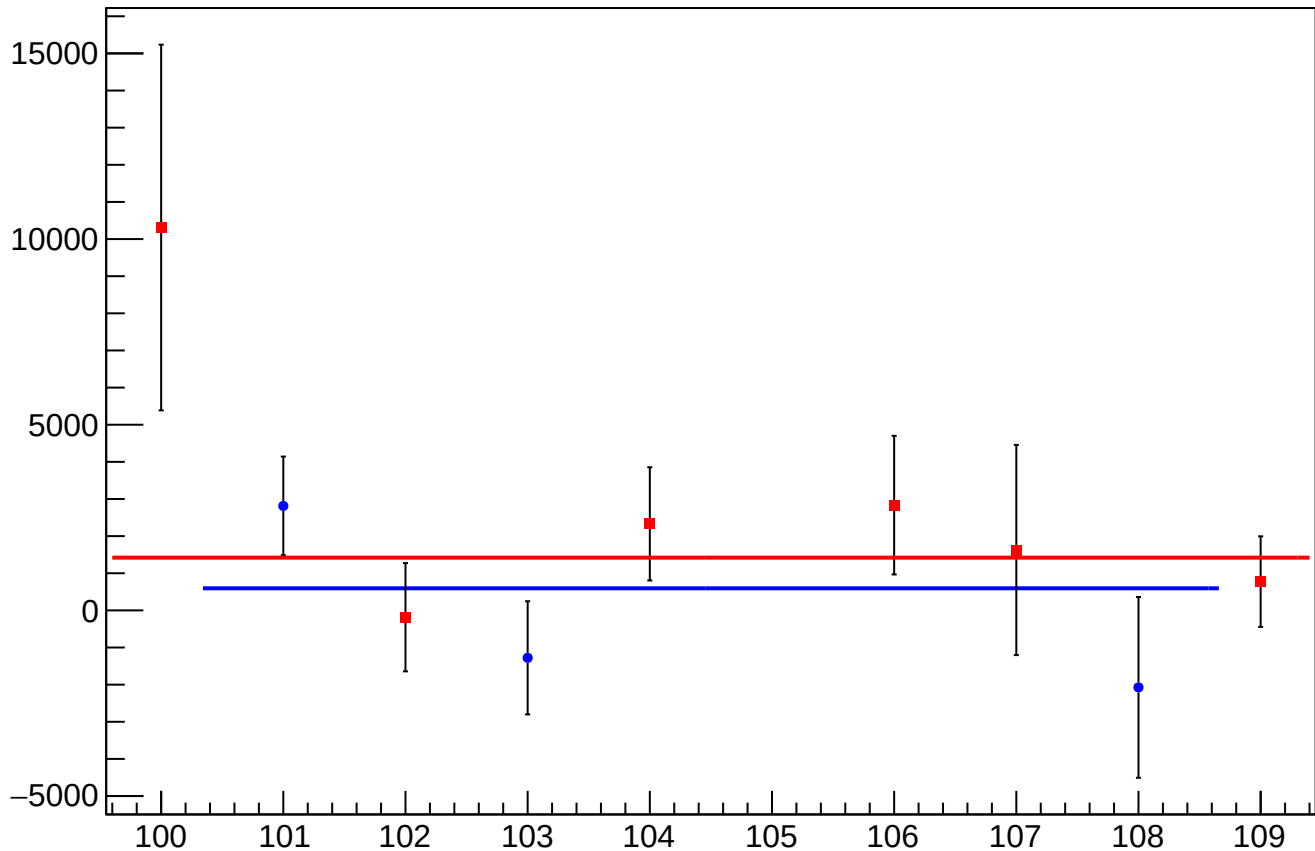
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1092.397 $\pm$ 0.392 χ^2 /NDF: 161763.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



Right In: 594.577+/-926.300 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1420.423+/-702.453 χ^2/NDF : 5.7/5

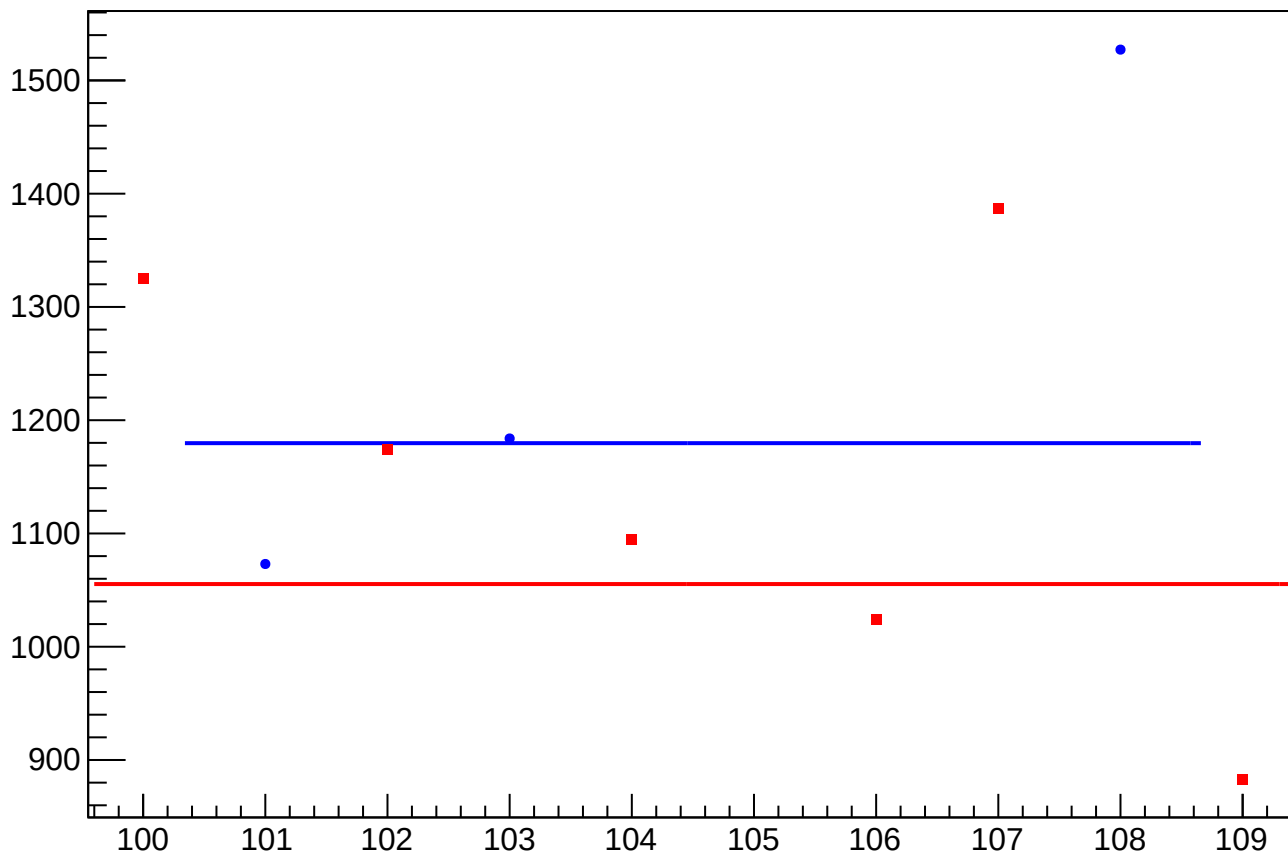
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1118.895+/-559.713 χ^2/NDF : 11.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



Right In: 1179.735 $\pm$ 0.655 χ^2 /NDF: 53642.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1055.335 $\pm$ 0.497 χ^2 /NDF: 88739.5/5

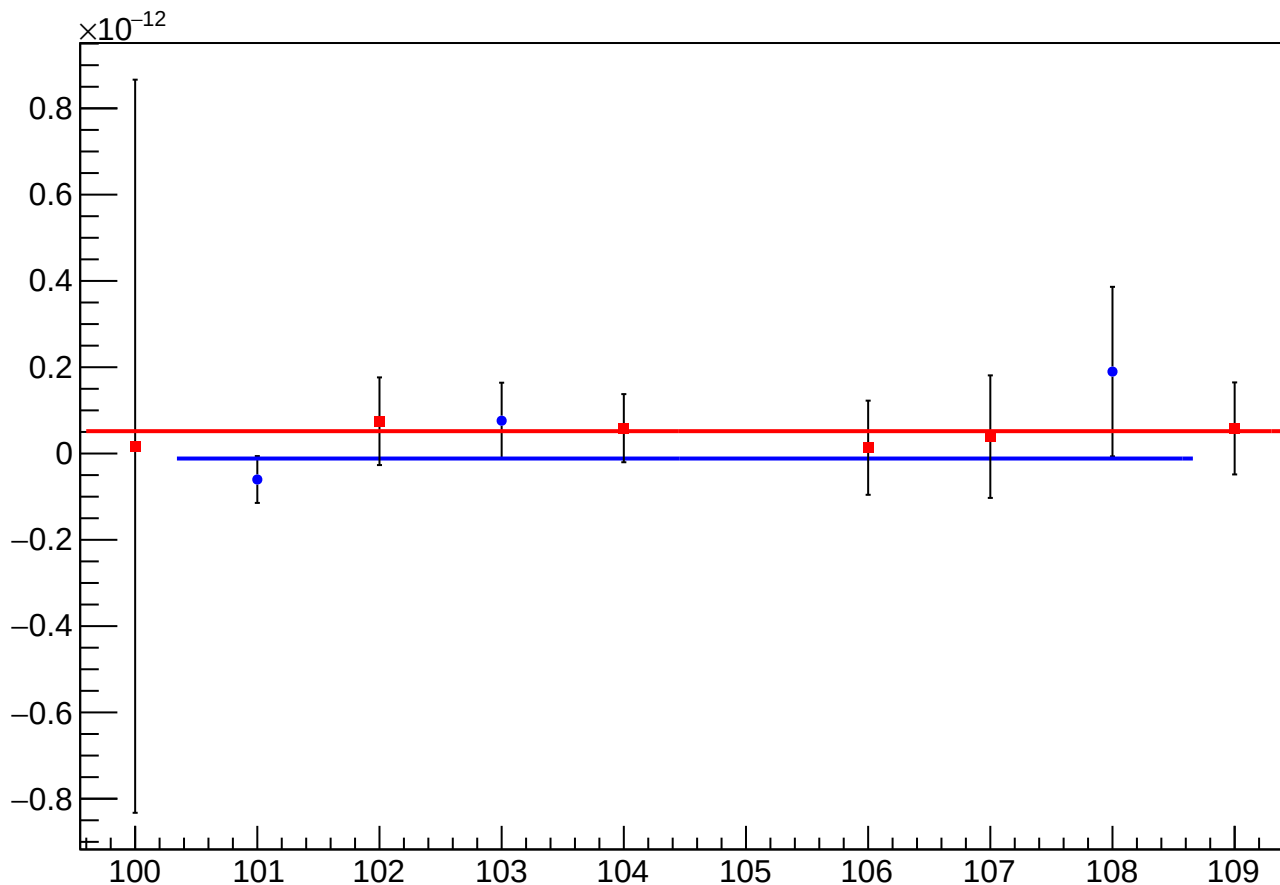
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1100.755 $\pm$ 0.396 χ^2 /NDF: 165283.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 0.2/5

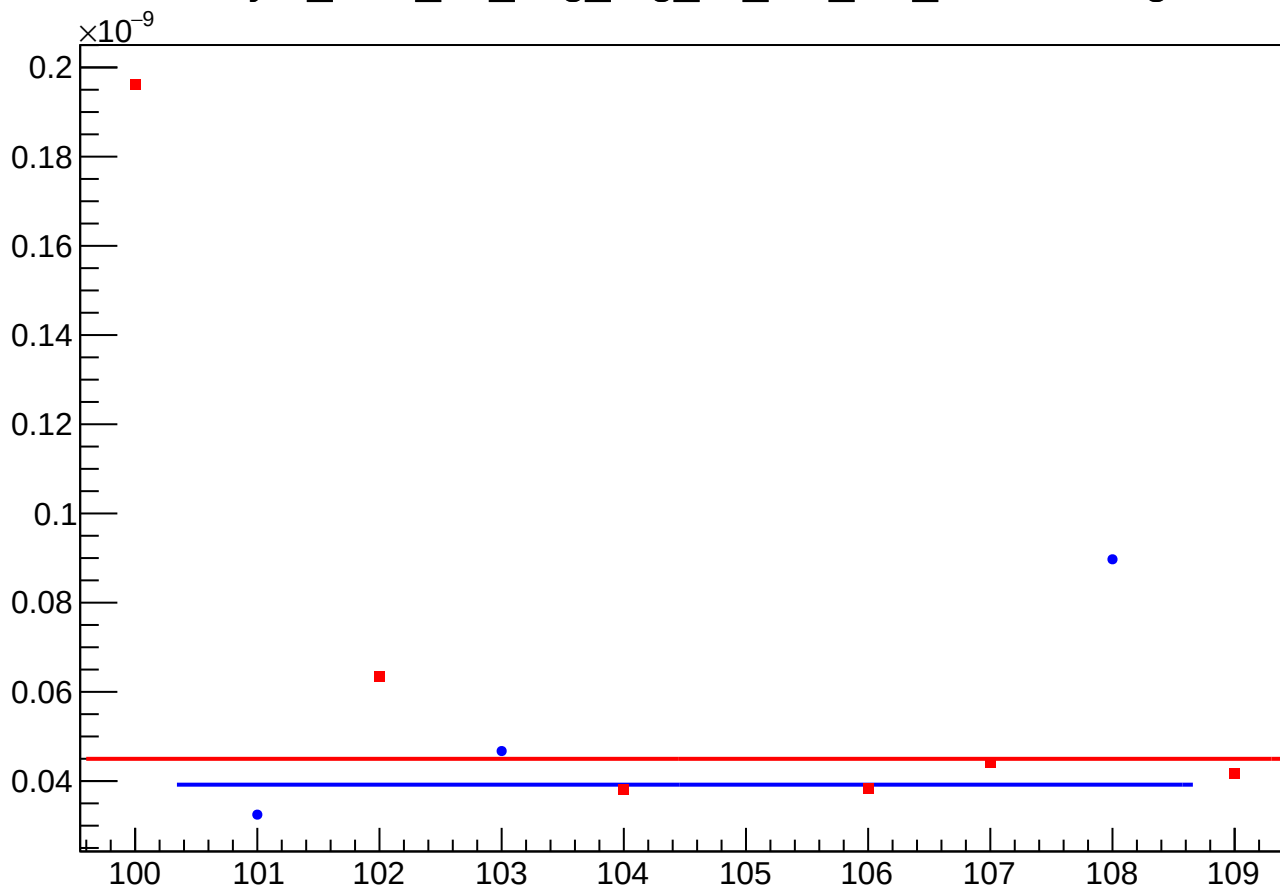
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 177584.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 154656.4/5

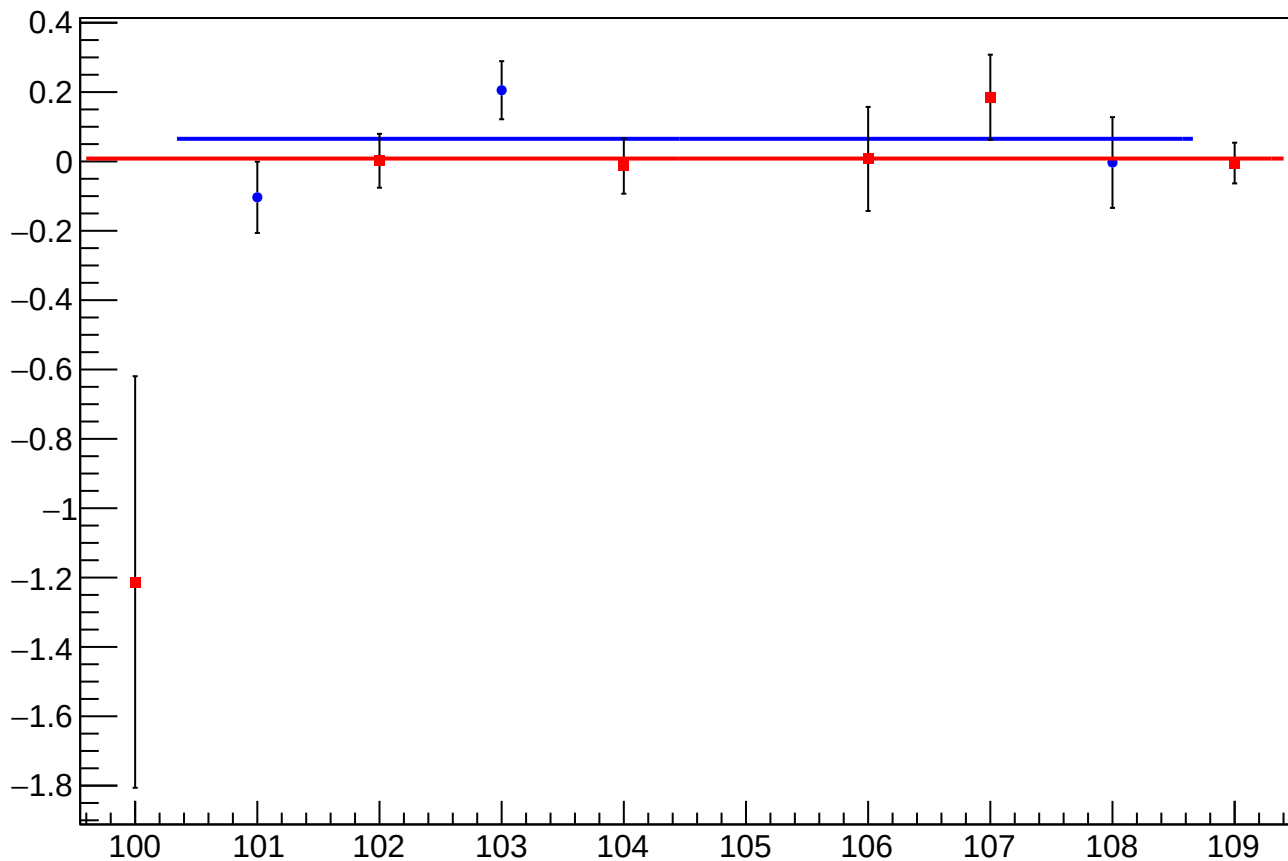
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 348599.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.065 $\pm$ 0.058 χ^2 /NDF: 5.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.4/5

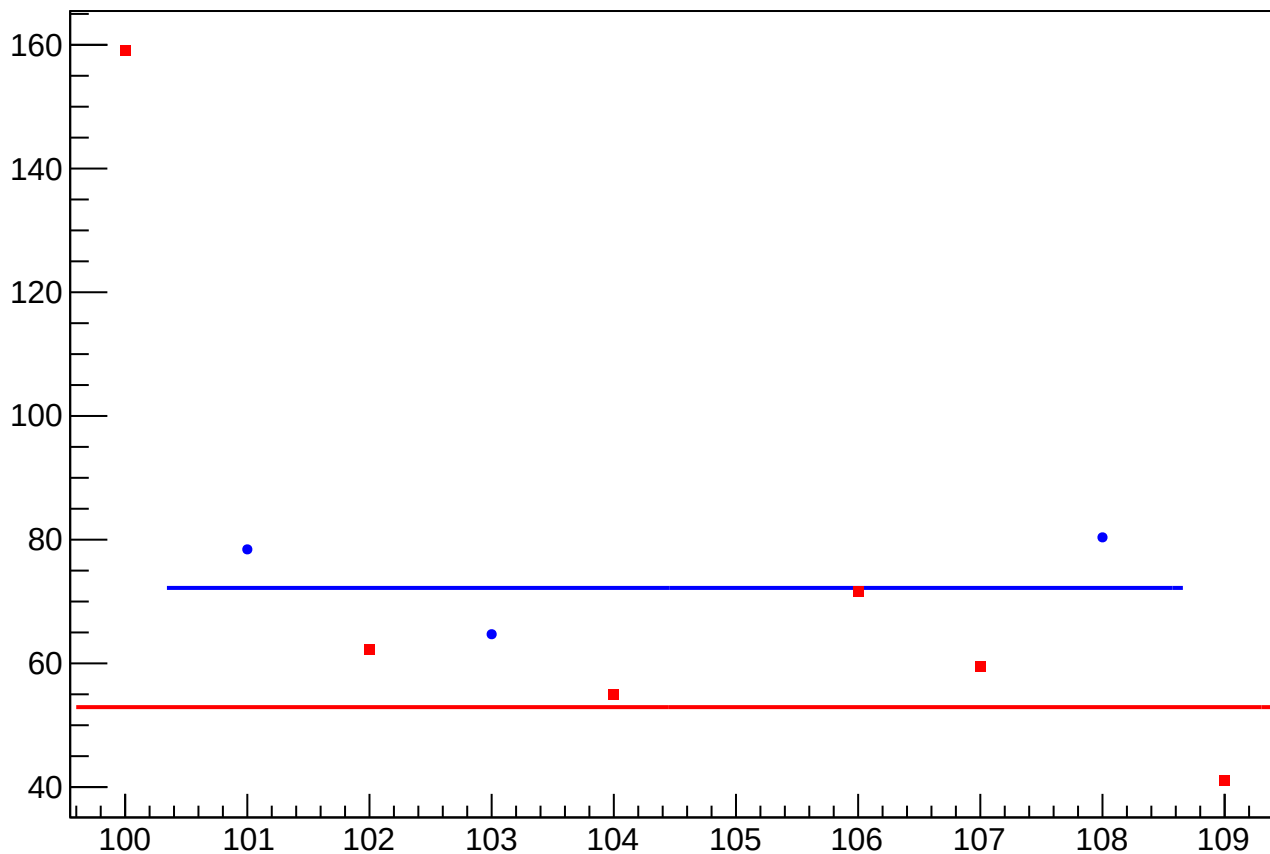
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.031 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug



Right In: 72.201 $\pm$ 0.041 χ^2 /NDF: 31141.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.928 $\pm$ 0.026 χ^2 /NDF: 213448.3/5

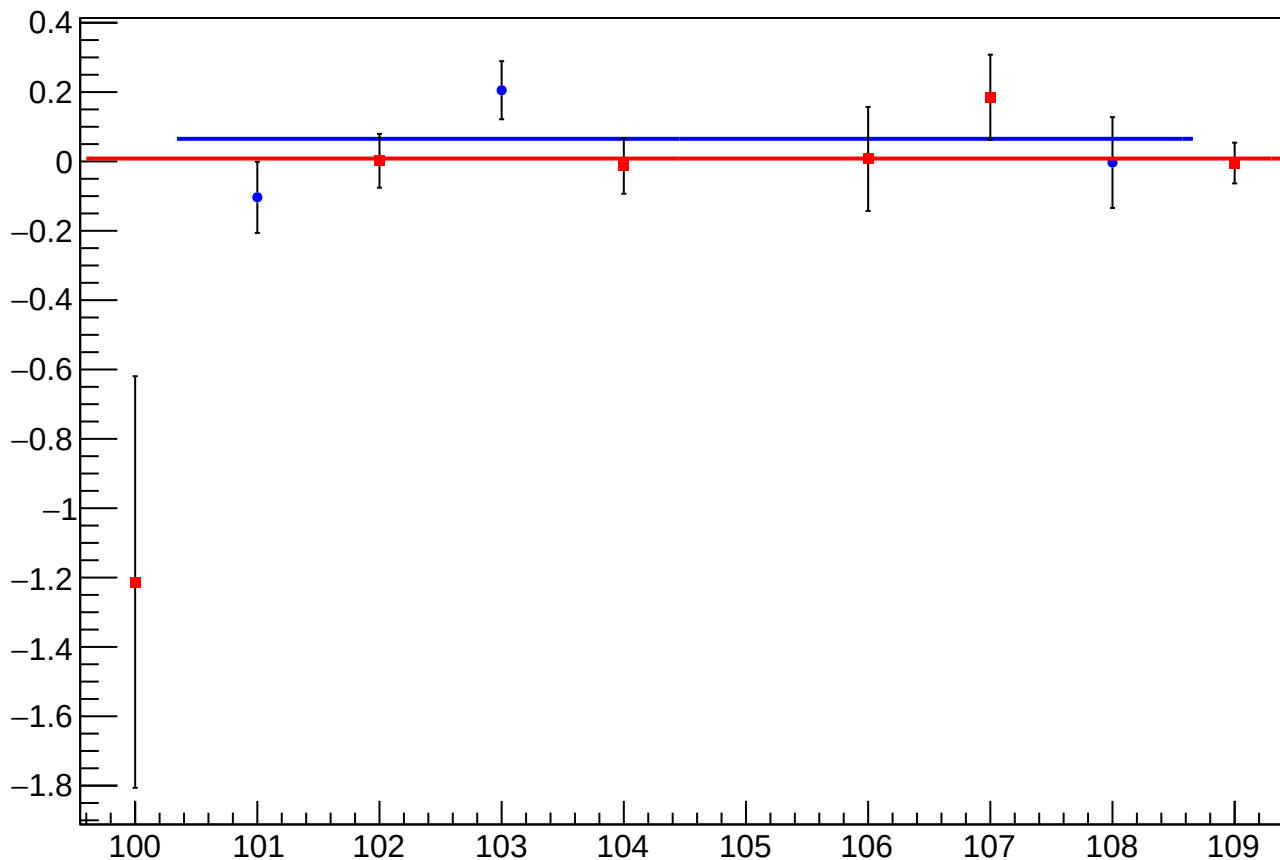
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.505 $\pm$ 0.022 χ^2 /NDF: 400710.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.065 $\pm$ 0.058 χ^2 /NDF: 5.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.4/5

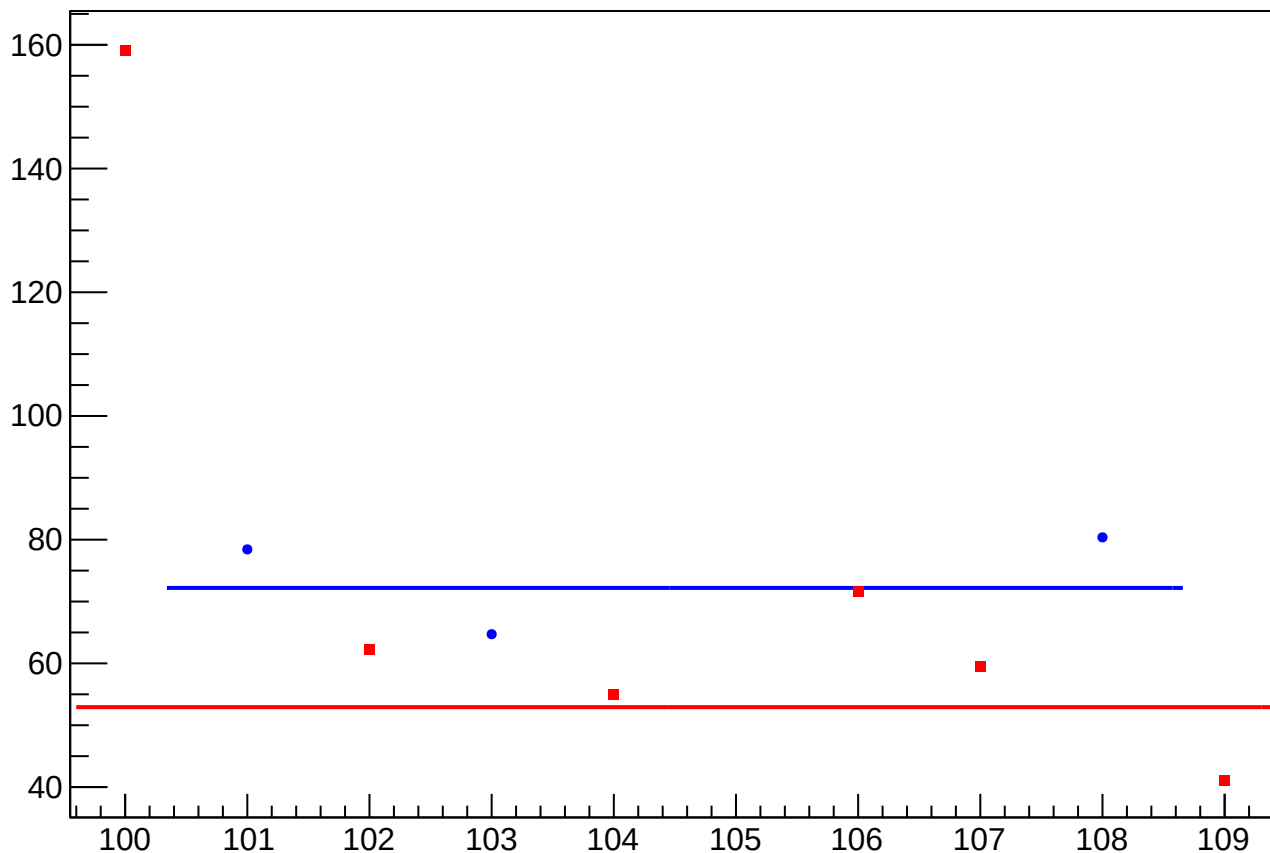
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.031 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 72.201 $\pm$ 0.041 χ^2 /NDF: 31141.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.928 $\pm$ 0.026 χ^2 /NDF: 213448.3/5

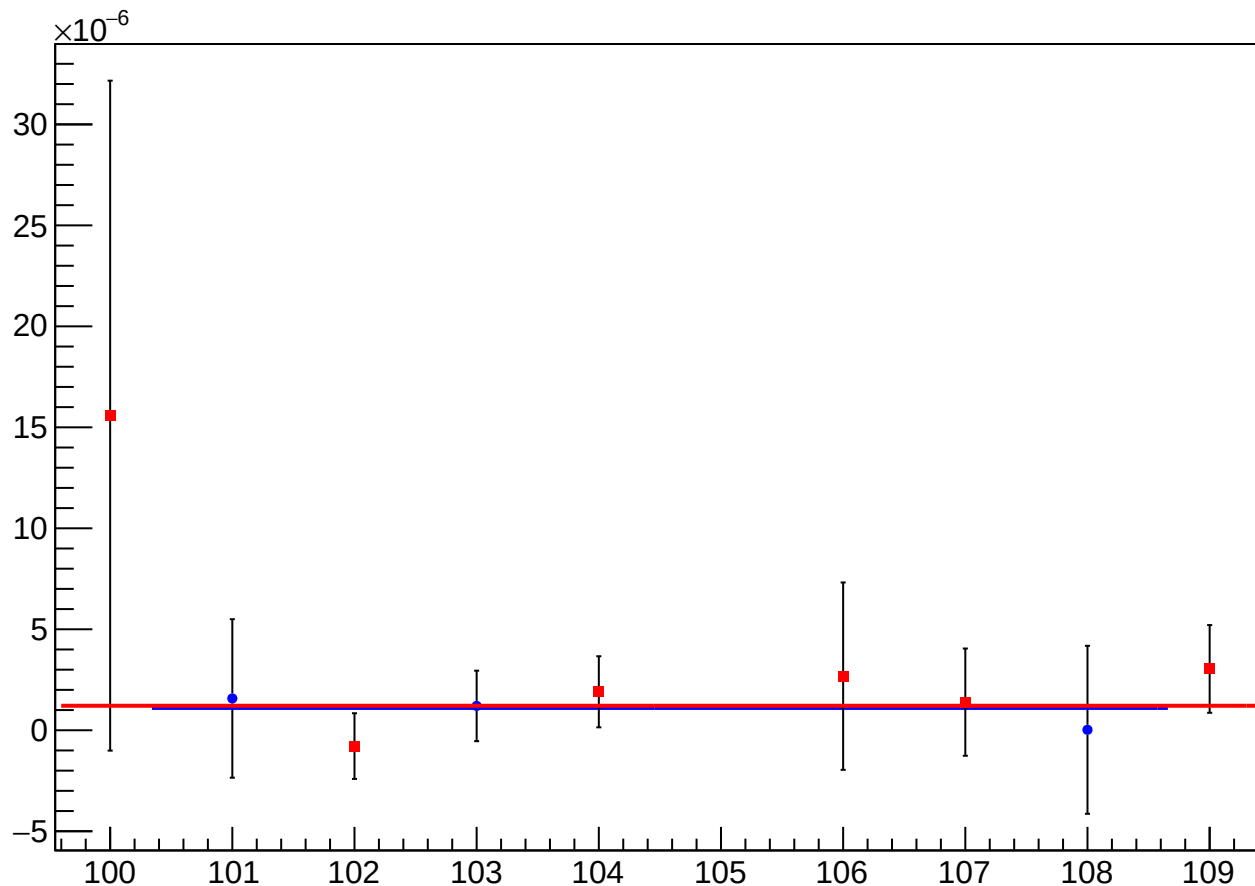
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.505 $\pm$ 0.022 χ^2 /NDF: 400710.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/5

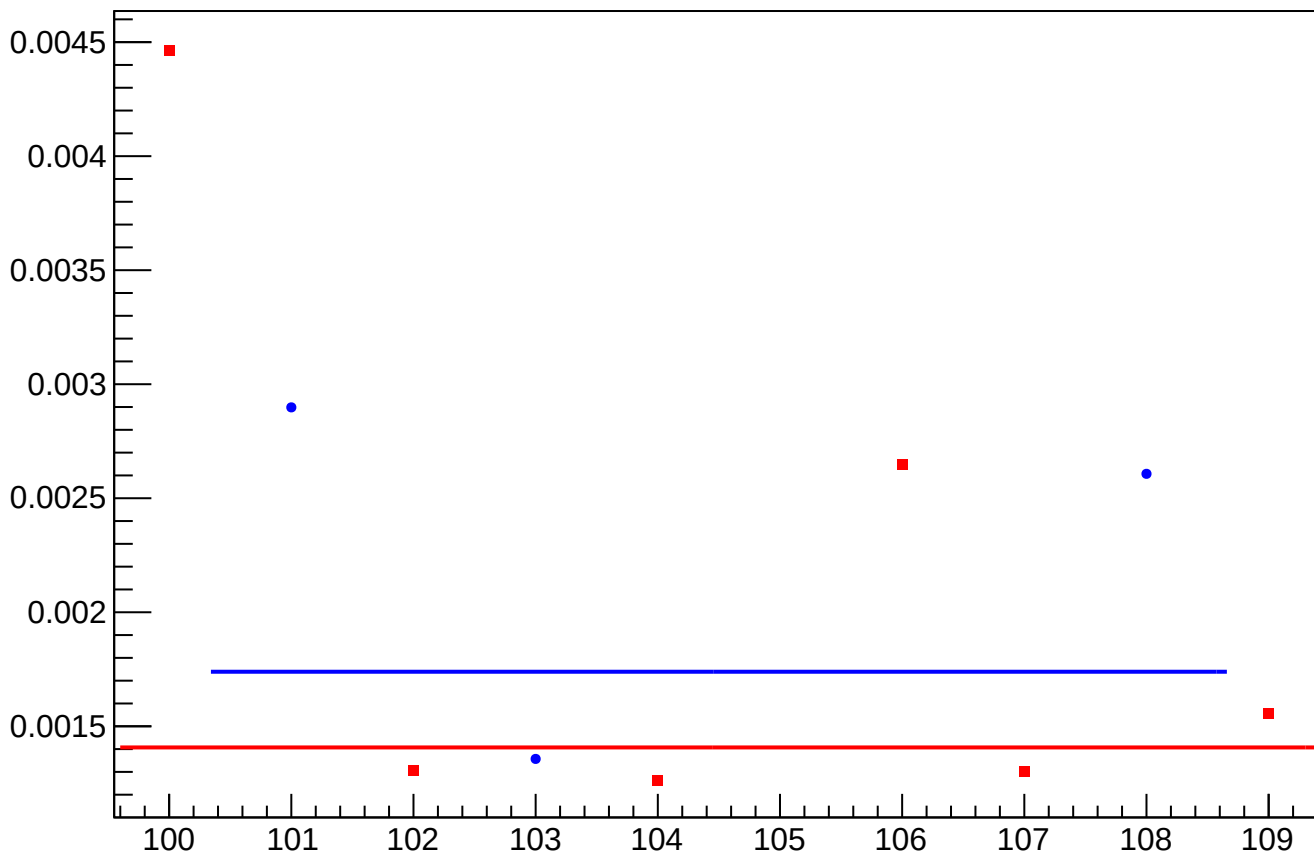
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 357491.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 244386.6/5

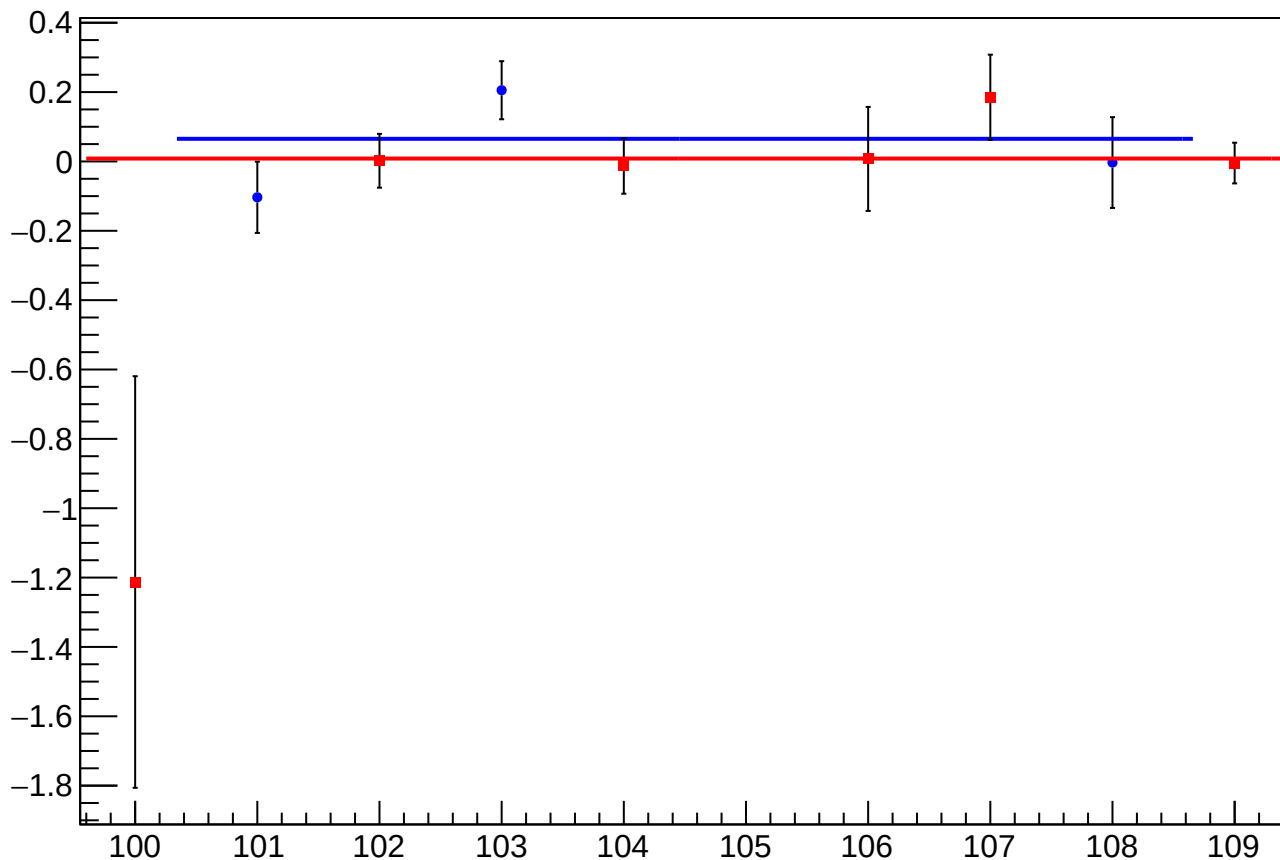
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 672451.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.065 $\pm$ 0.058 χ^2 /NDF: 5.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.4/5

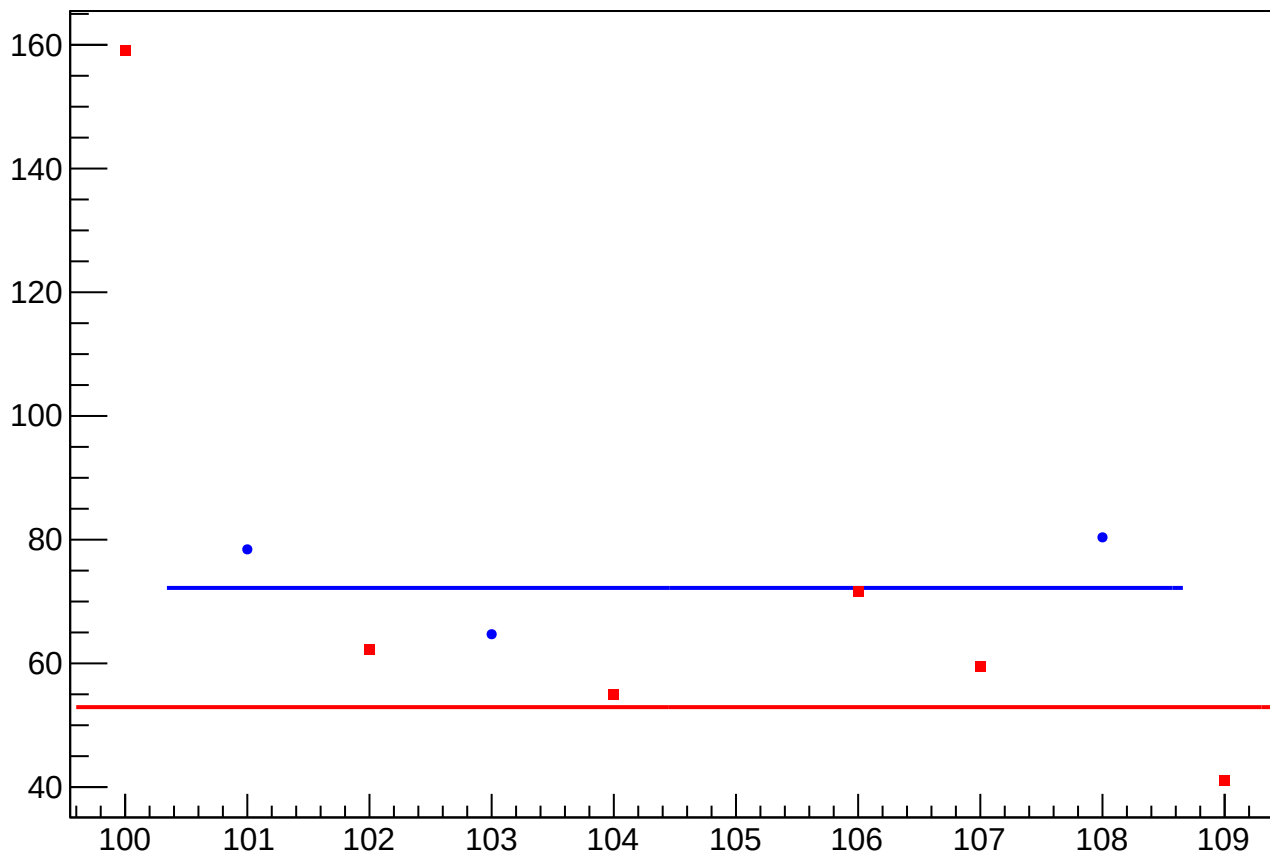
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.031 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 72.202 $\pm$ 0.041 χ^2 /NDF: 31145.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.928 $\pm$ 0.026 χ^2 /NDF: 213448.3/5

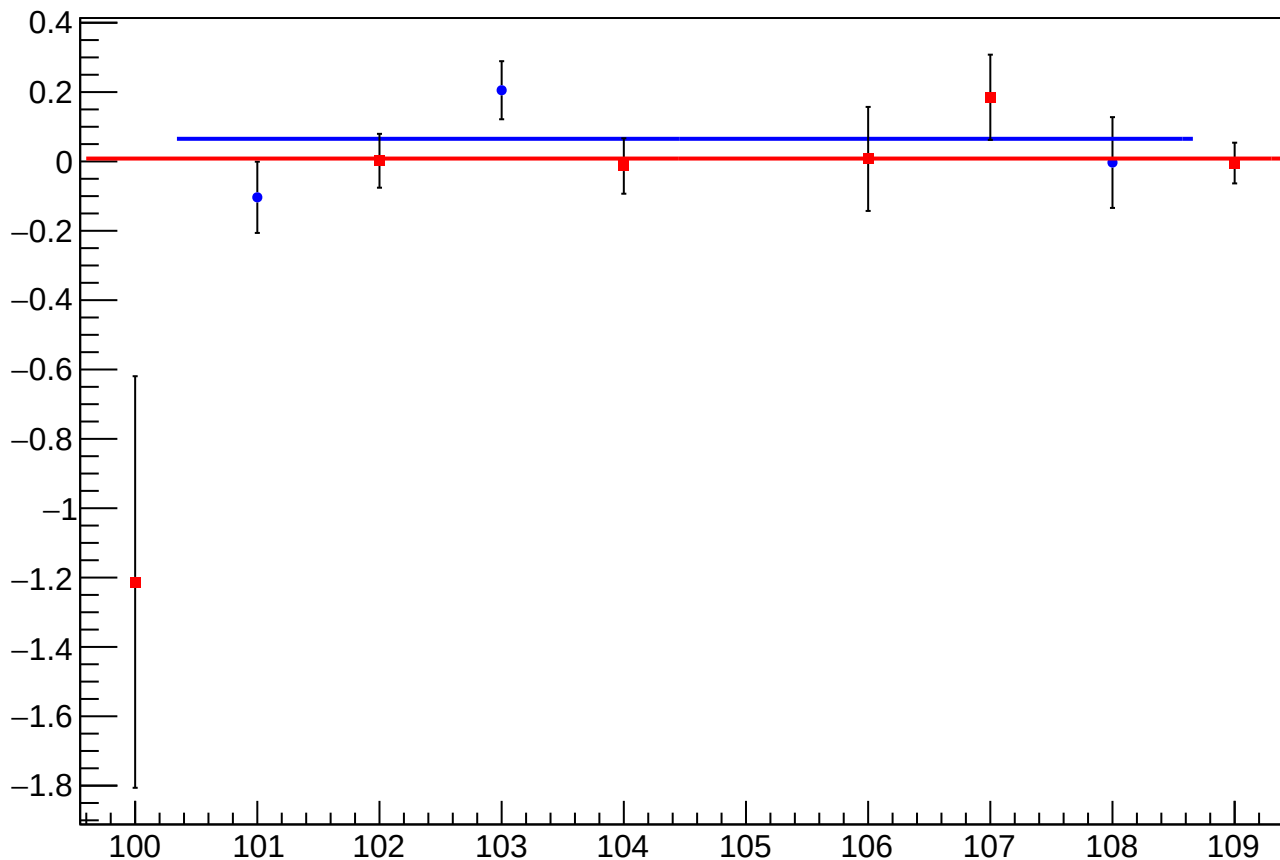
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.506 $\pm$ 0.022 χ^2 /NDF: 400717.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.065 $\pm$ 0.058 χ^2 /NDF: 5.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.037 χ^2 /NDF: 6.4/5

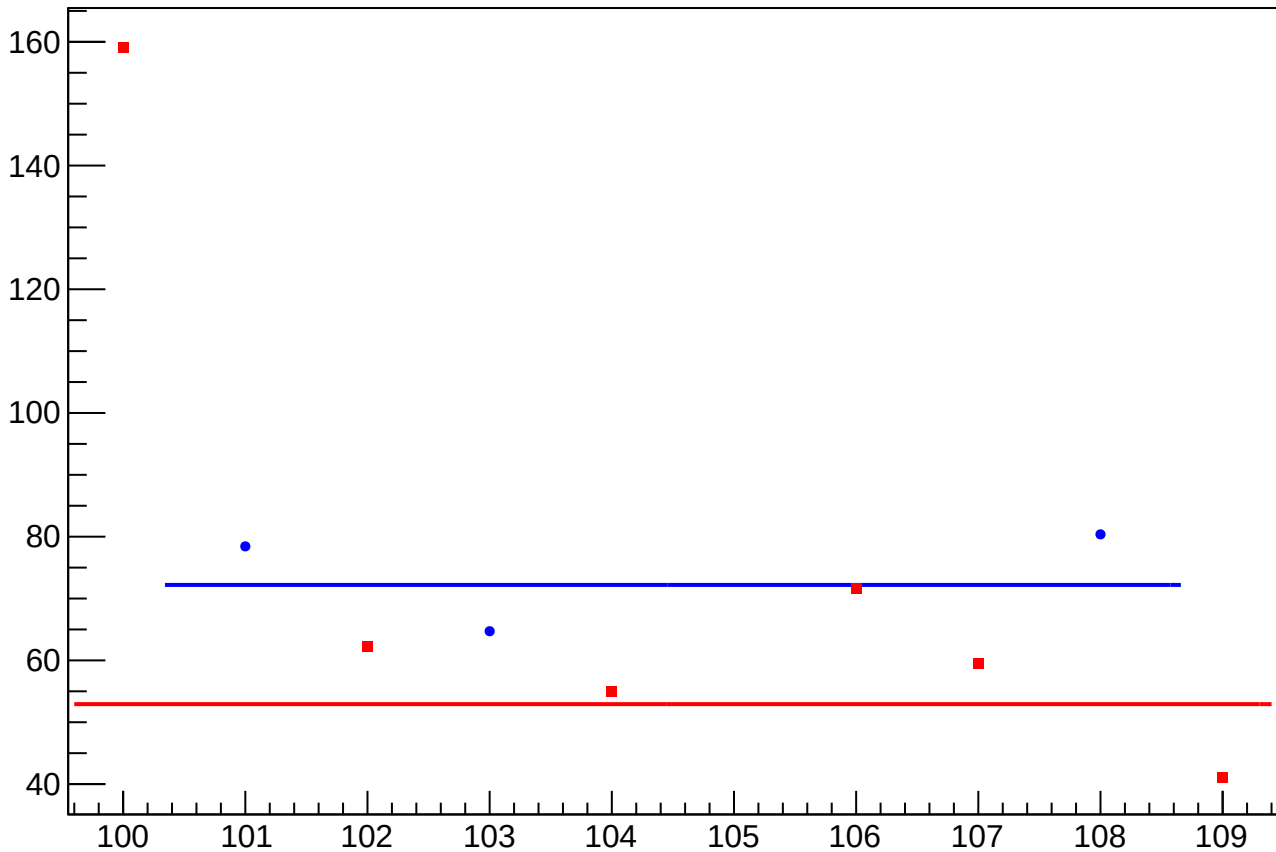
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.031 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 72.202 $\pm$ 0.041 χ^2 /NDF: 31145.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.928 $\pm$ 0.026 χ^2 /NDF: 213448.3/5

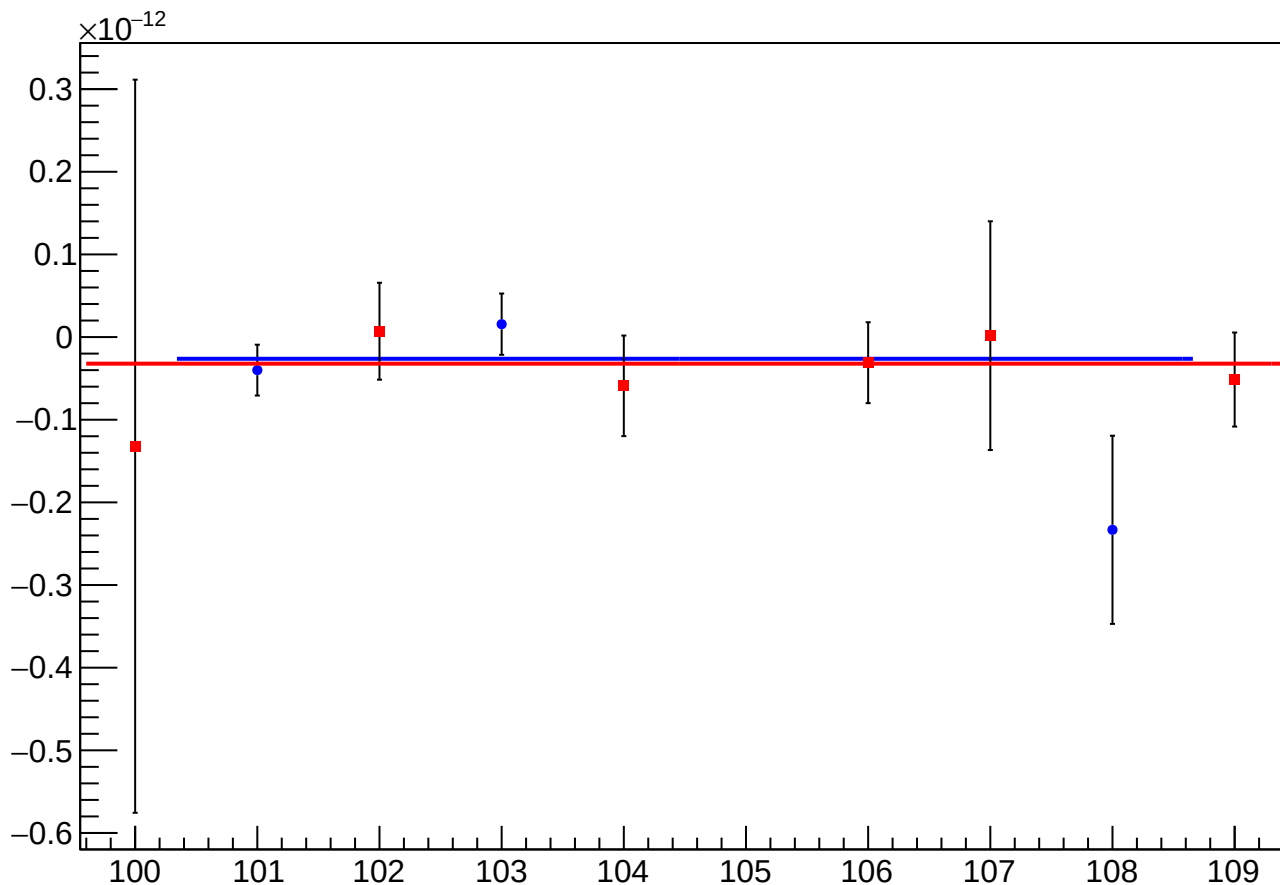
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.506 $\pm$ 0.022 χ^2 /NDF: 400717.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.9/5

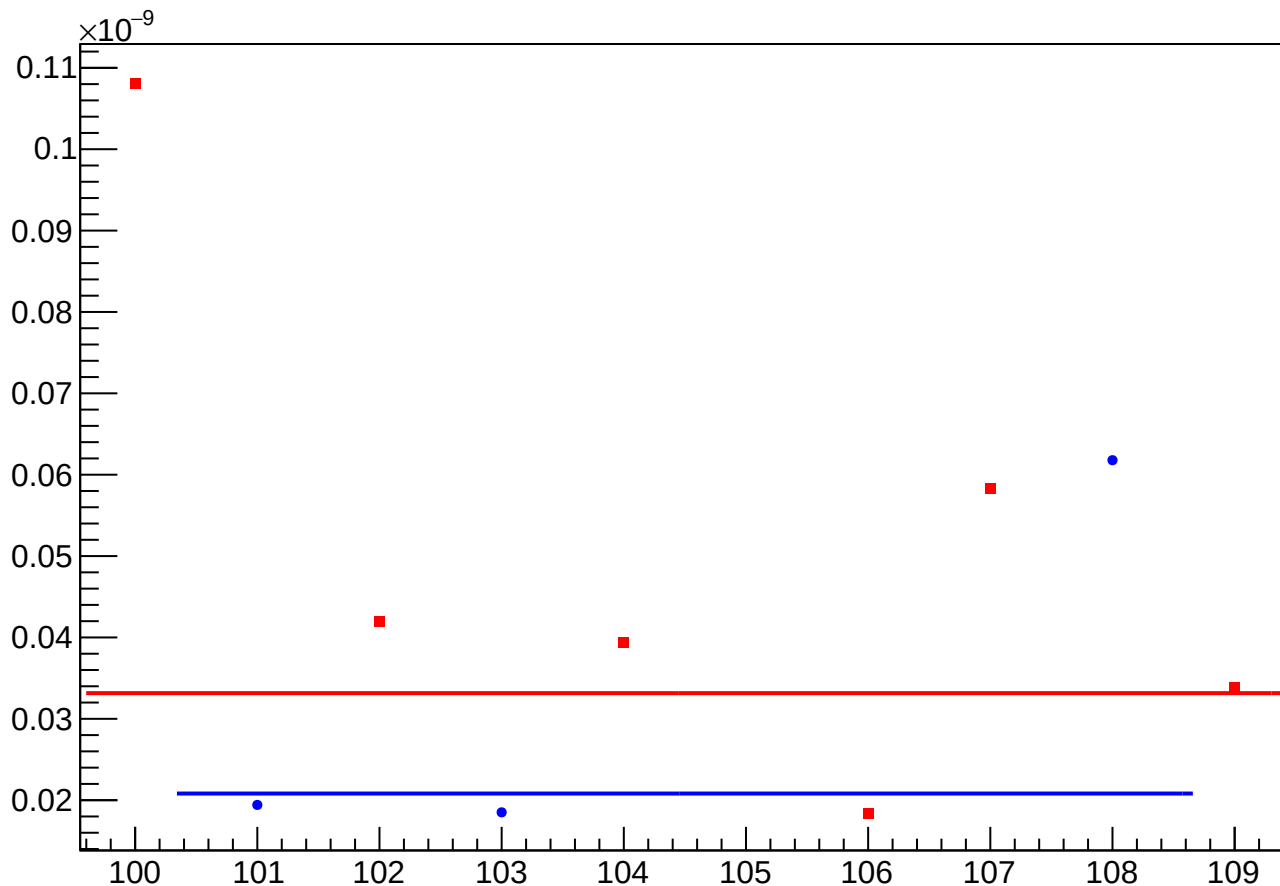
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 5.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 270940.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 372397.5/5

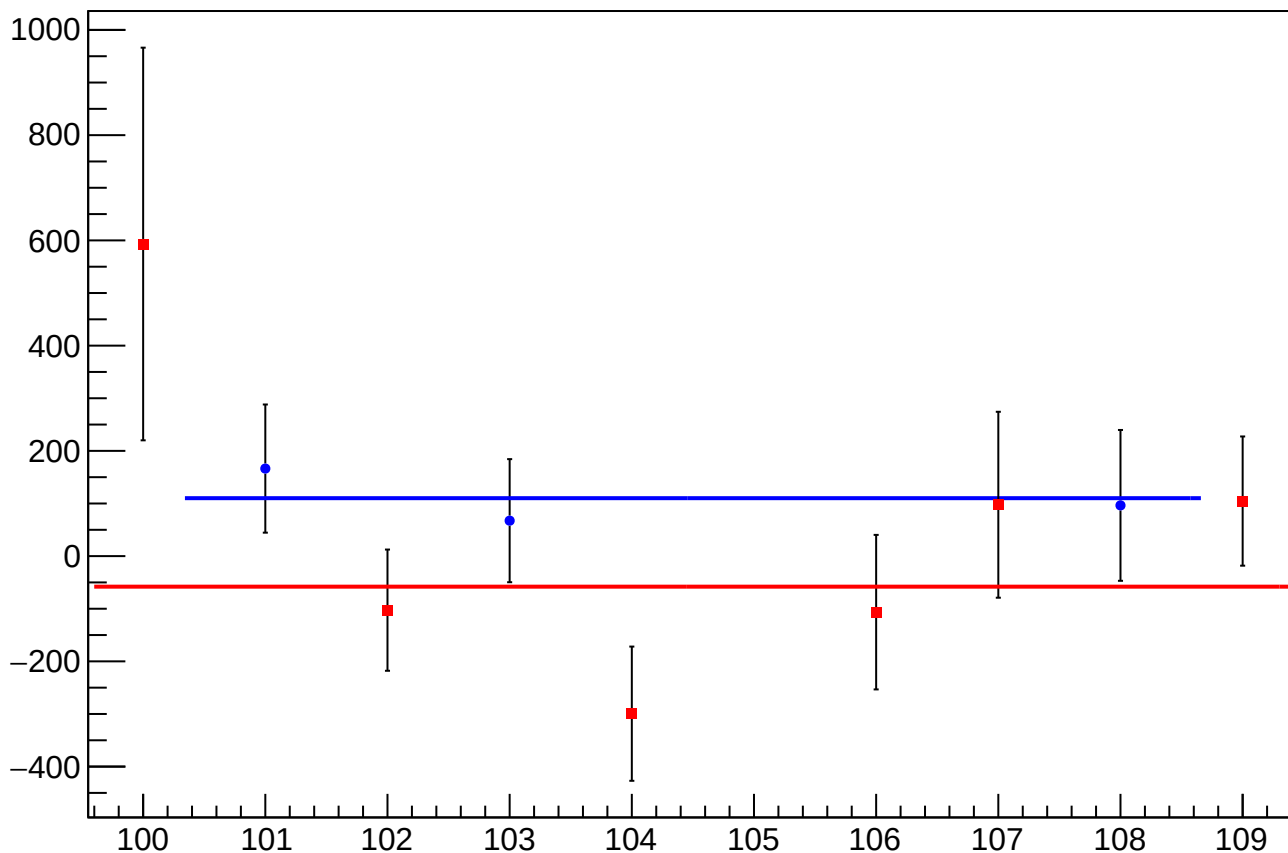
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 881047.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 110.107 $\pm$ 72.703 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -58.049 $\pm$ 58.846 χ^2 /NDF: 9.4/5

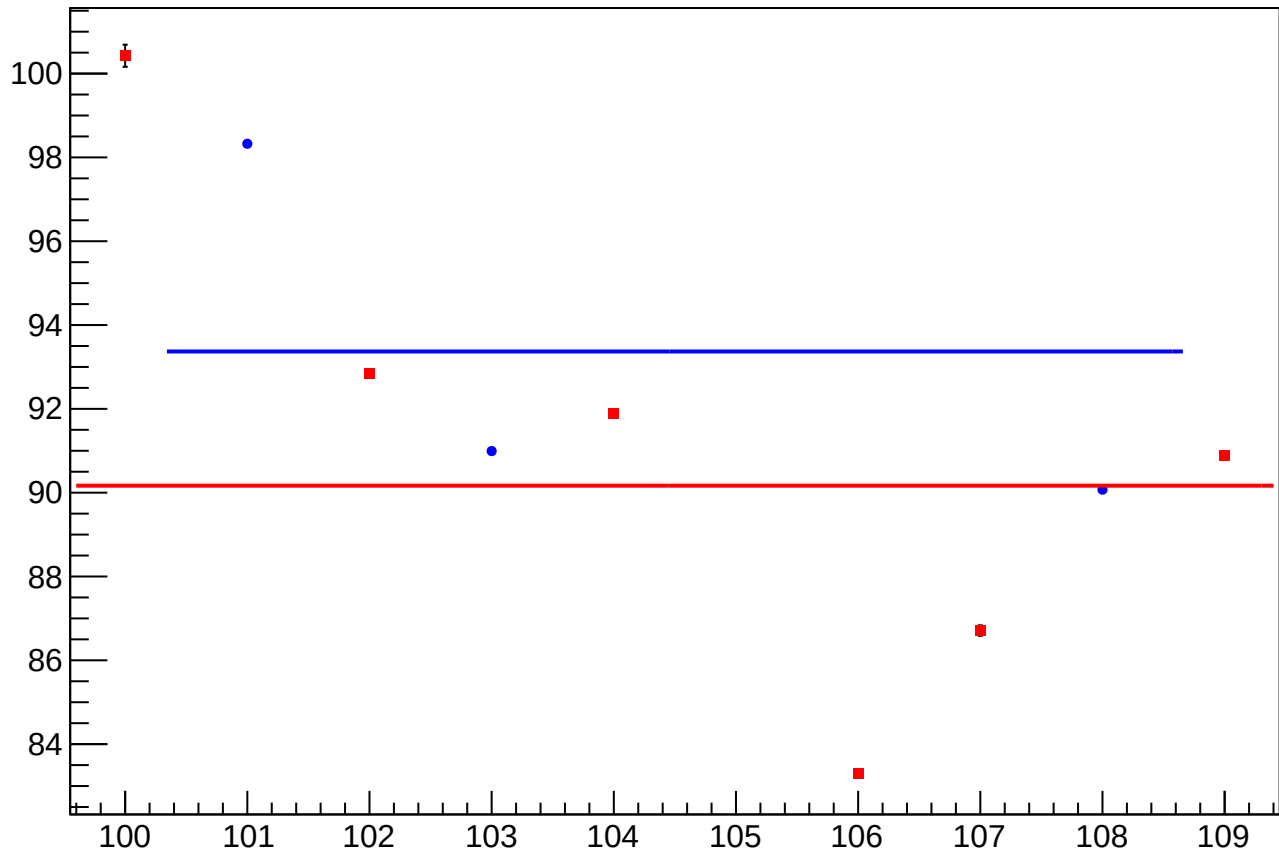
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.510 $\pm$ 45.740 χ^2 /NDF: 13.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_rms vs Slug



Right In: 93.369 $\pm$ 0.051 χ^2 /NDF: 5196.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.167 $\pm$ 0.042 χ^2 /NDF: 8168.8/5

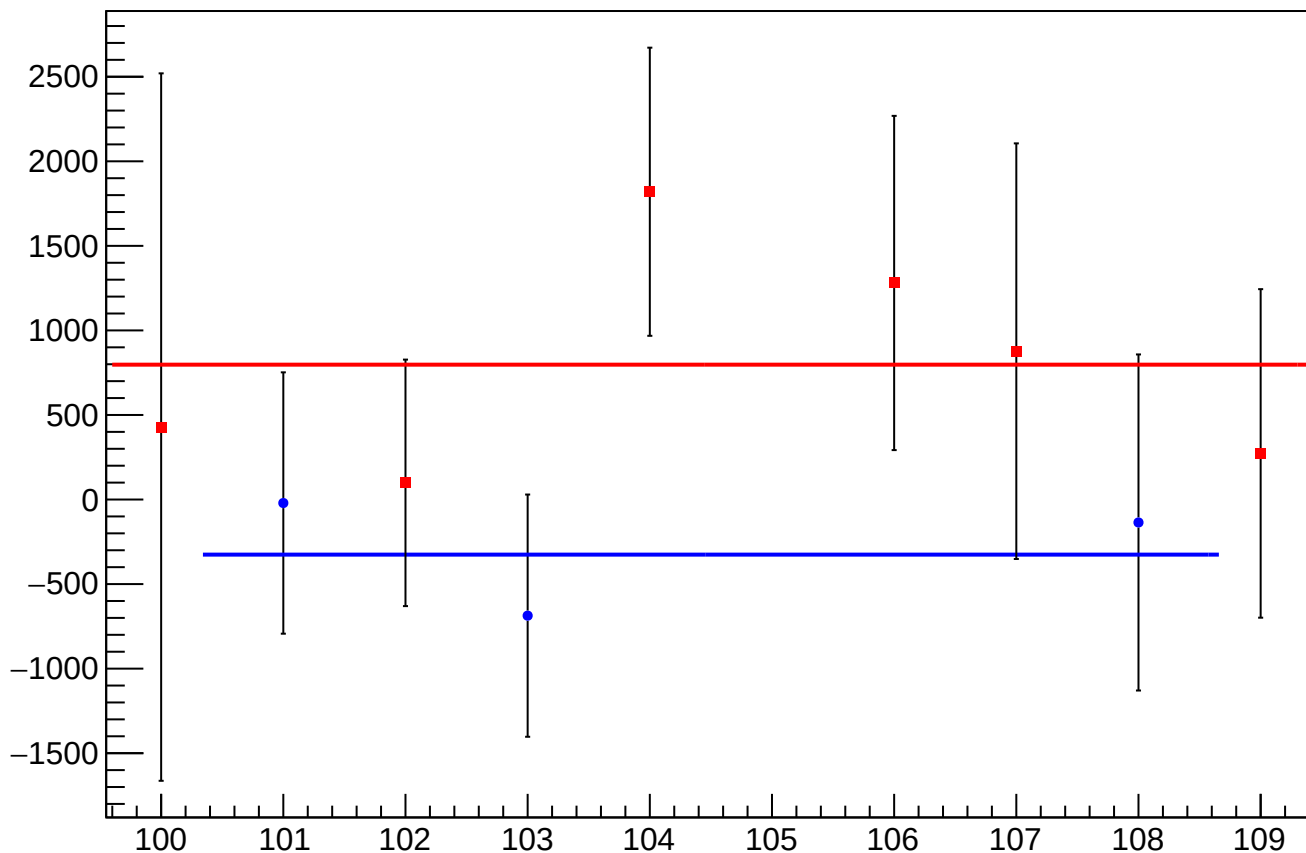
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.434 $\pm$ 0.032 χ^2 /NDF: 15709.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_reg_correction_mean vs Slug



Right In: -325.805+/-464.384 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 797.463+/-400.477 χ^2/NDF : 2.9/5

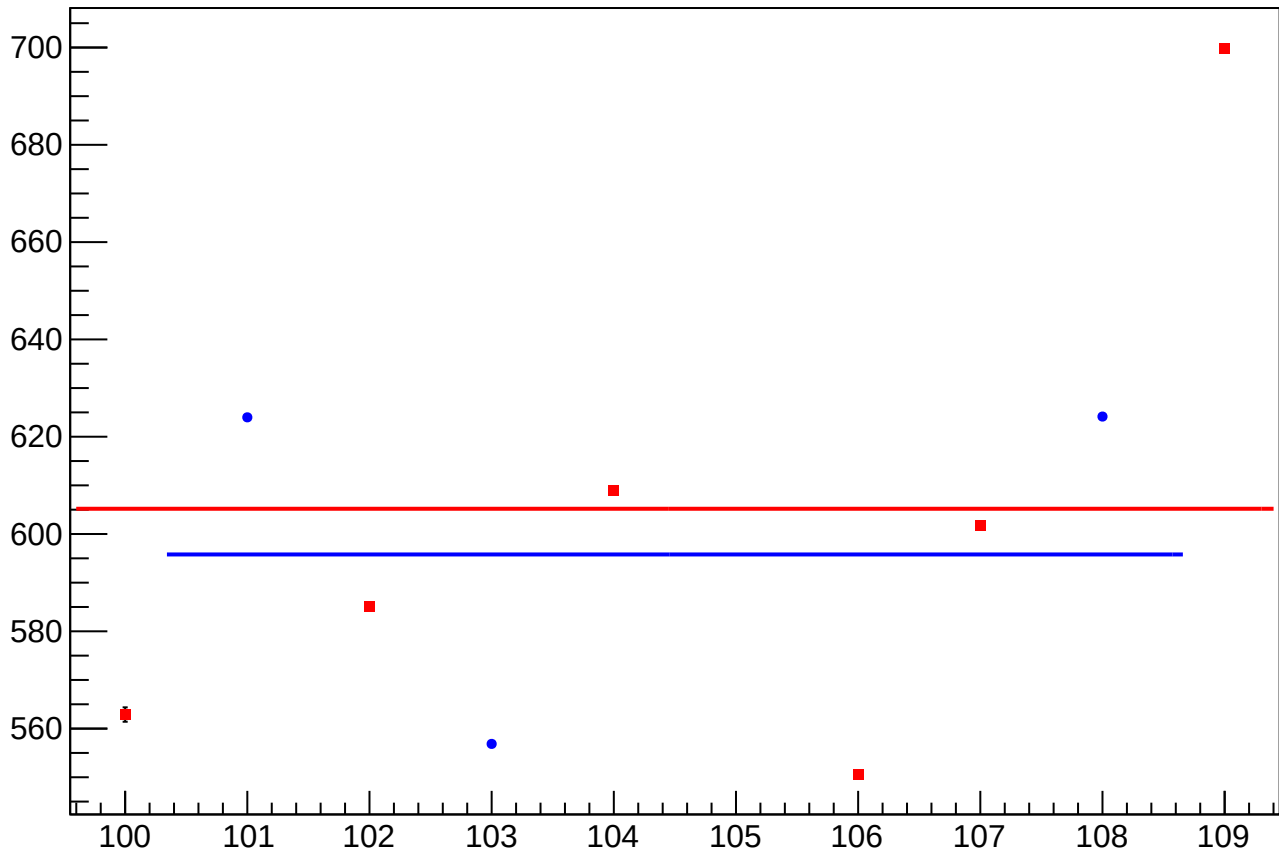
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.380+/-303.278 χ^2/NDF : 6.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 595.798 $\pm$ 0.328 χ^2 /NDF: 10200.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 605.190 $\pm$ 0.283 χ^2 /NDF: 27497.9/5

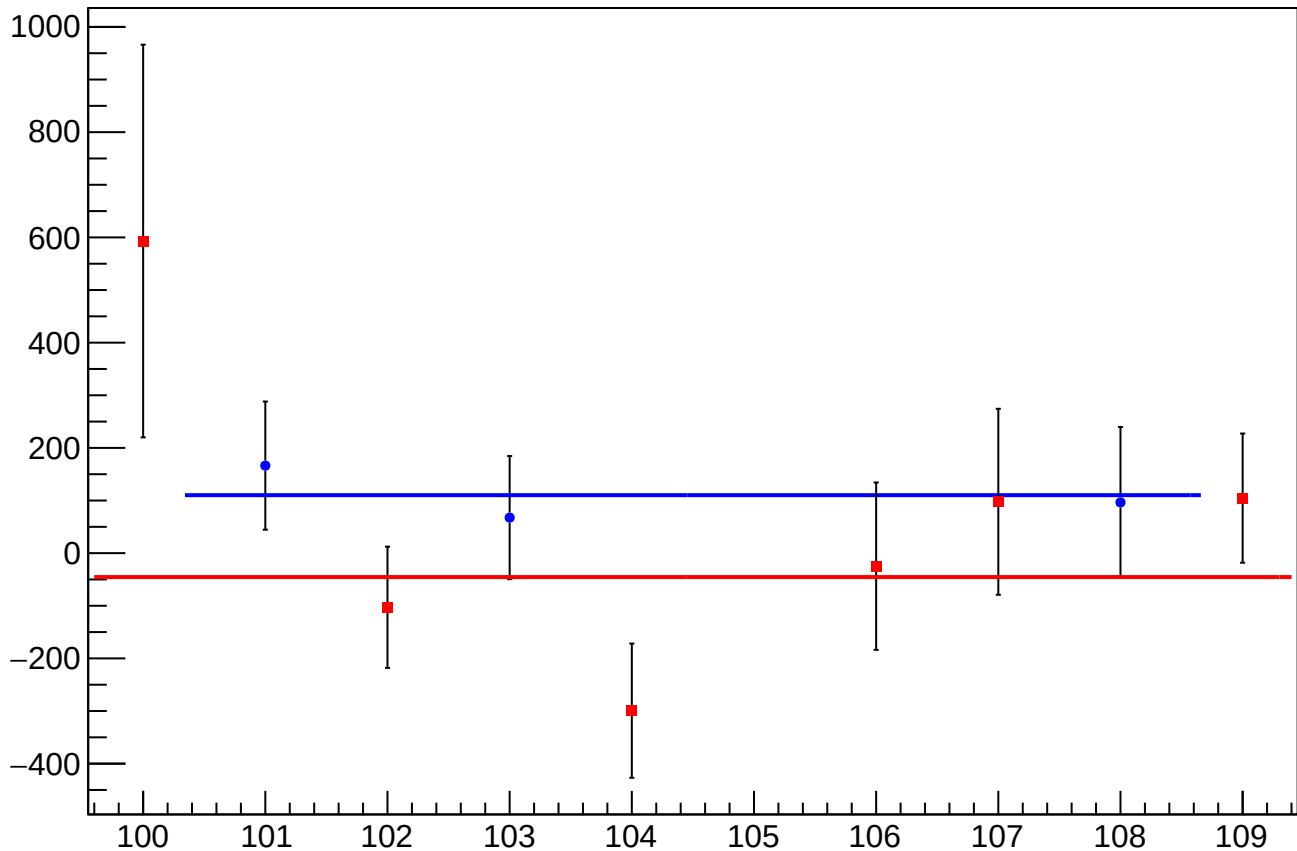
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 601.184 $\pm$ 0.214 χ^2 /NDF: 38168.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_dd_mean vs Slug



Right In: 110.173 $\pm$ 72.703 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.429 $\pm$ 59.557 χ^2 /NDF: 9.3/5

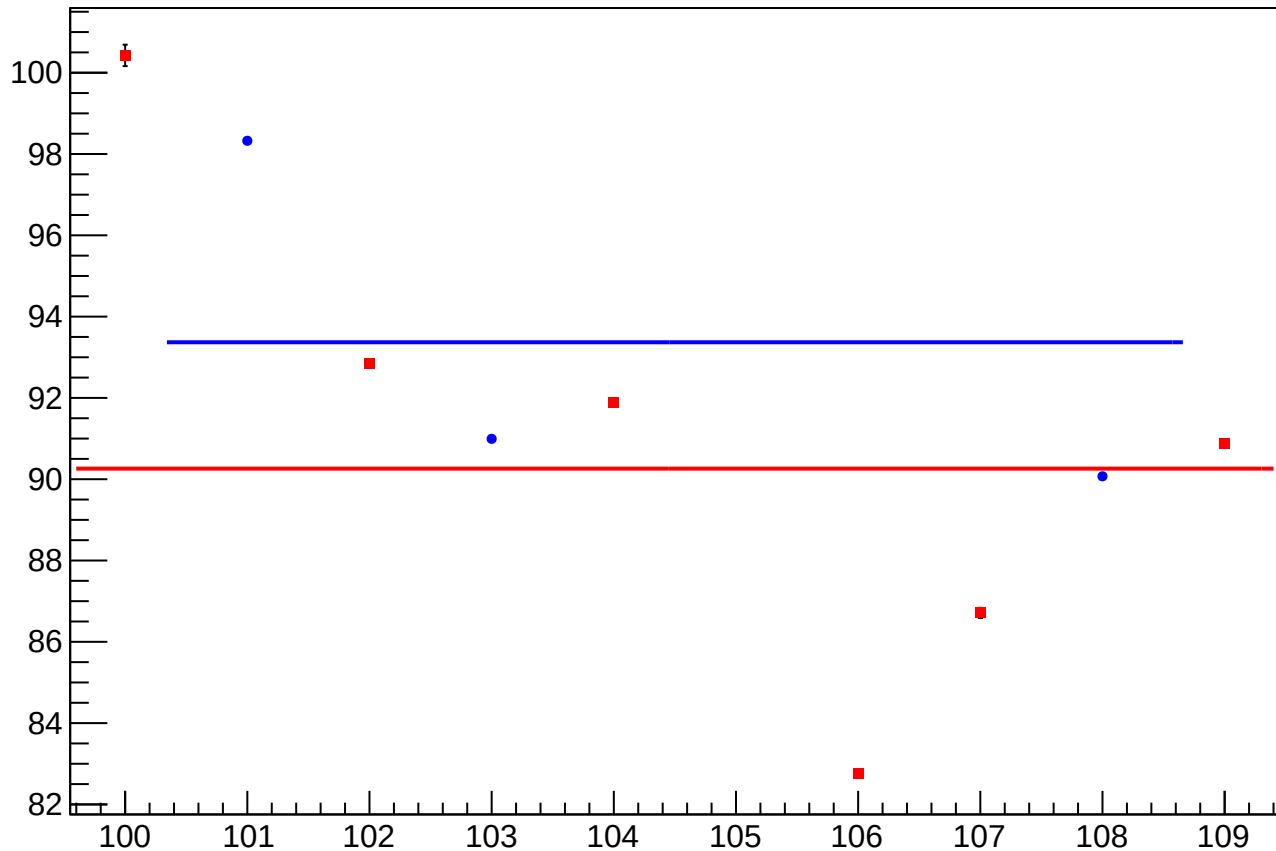
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.057 $\pm$ 46.072 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_dd_rms vs Slug



Right In: 93.369 $\pm$ 0.051 χ^2 /NDF: 5196.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.260 $\pm$ 0.042 χ^2 /NDF: 8124.1/5

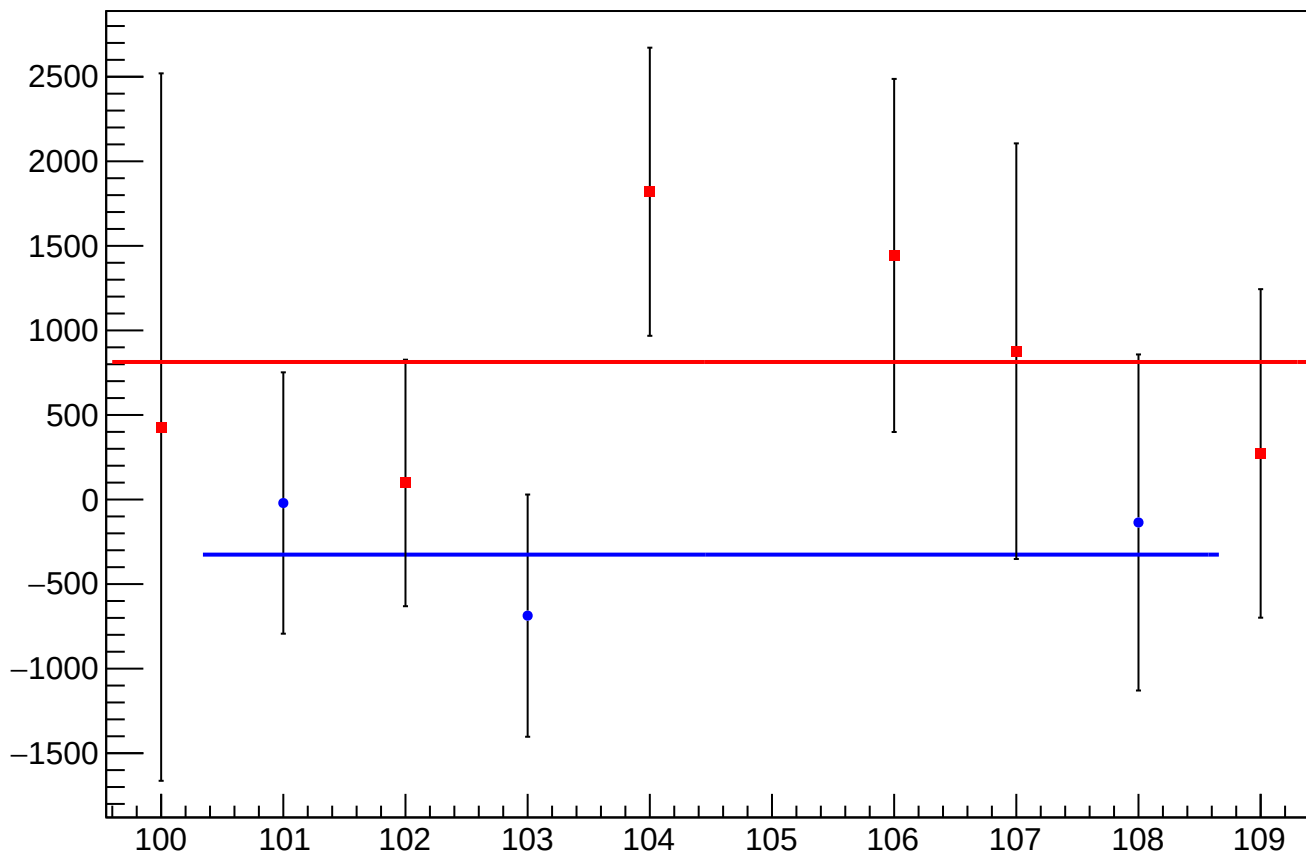
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.509 $\pm$ 0.033 χ^2 /NDF: 15508.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: -325.788+/-464.383 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.313+/-403.953 χ^2/NDF : 3.1/5

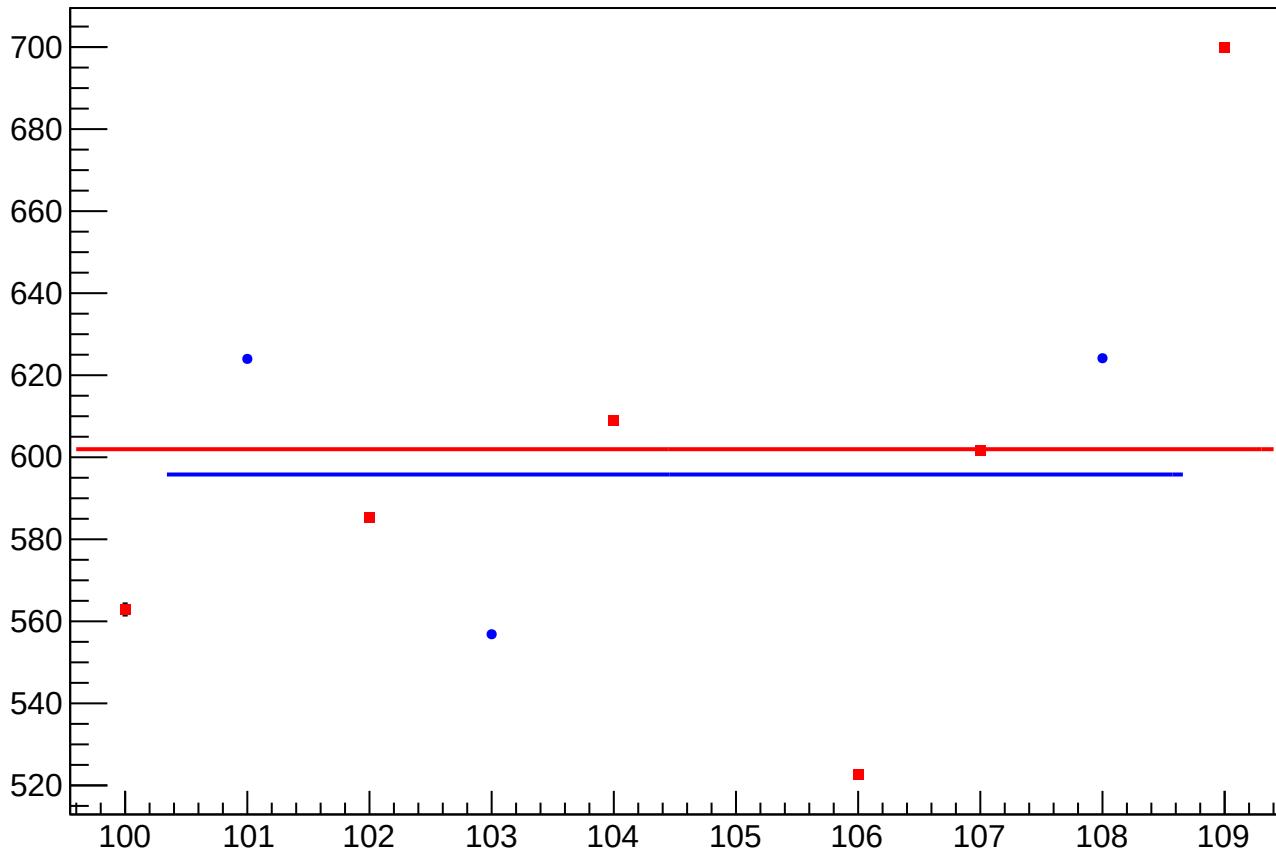
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.654+/-304.779 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 595.796 $\pm$ 0.328 χ^2 /NDF: 10202.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 601.965 $\pm$ 0.286 χ^2 /NDF: 33775.0/5

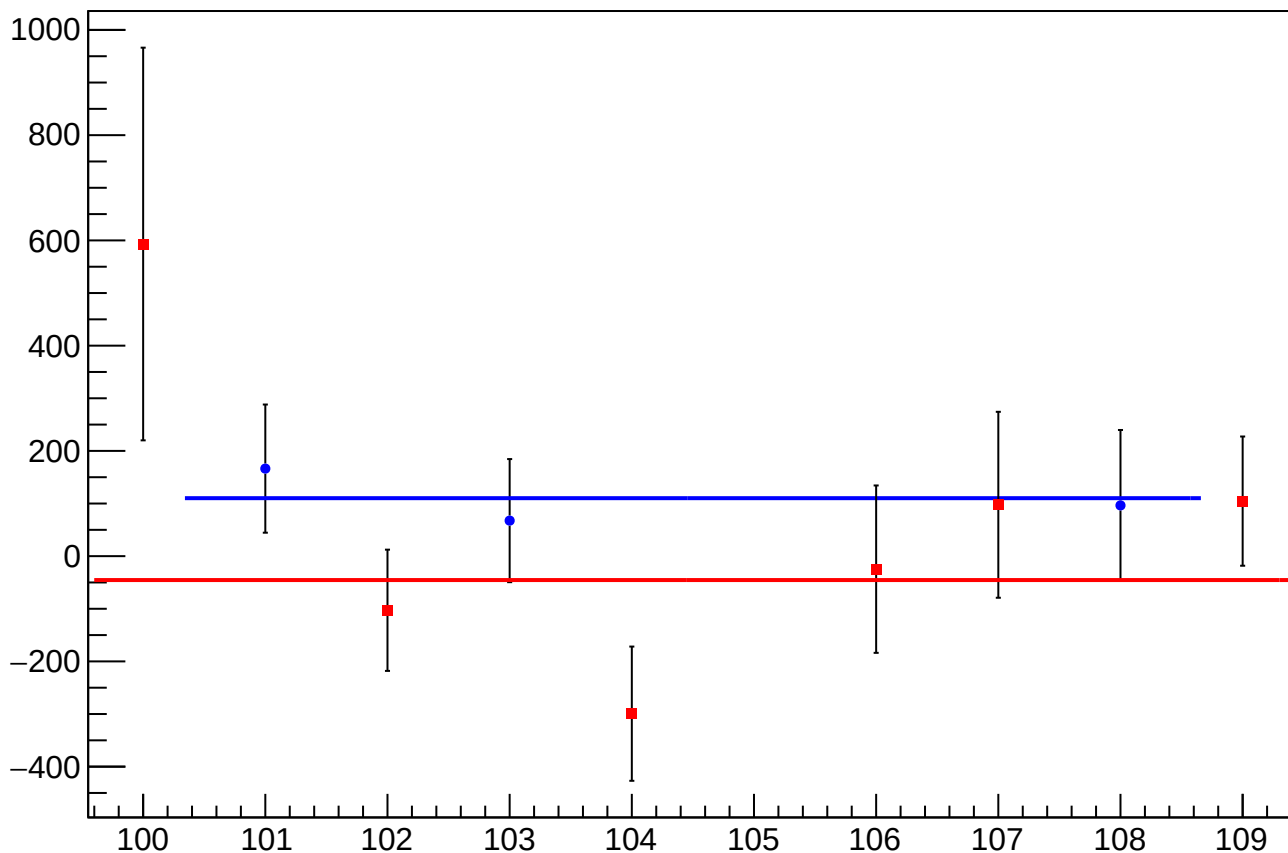
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 599.308 $\pm$ 0.216 χ^2 /NDF: 44178.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: 110.173 $\pm$ 72.703 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -45.429 $\pm$ -59.557 χ^2 /NDF: 9.3/5

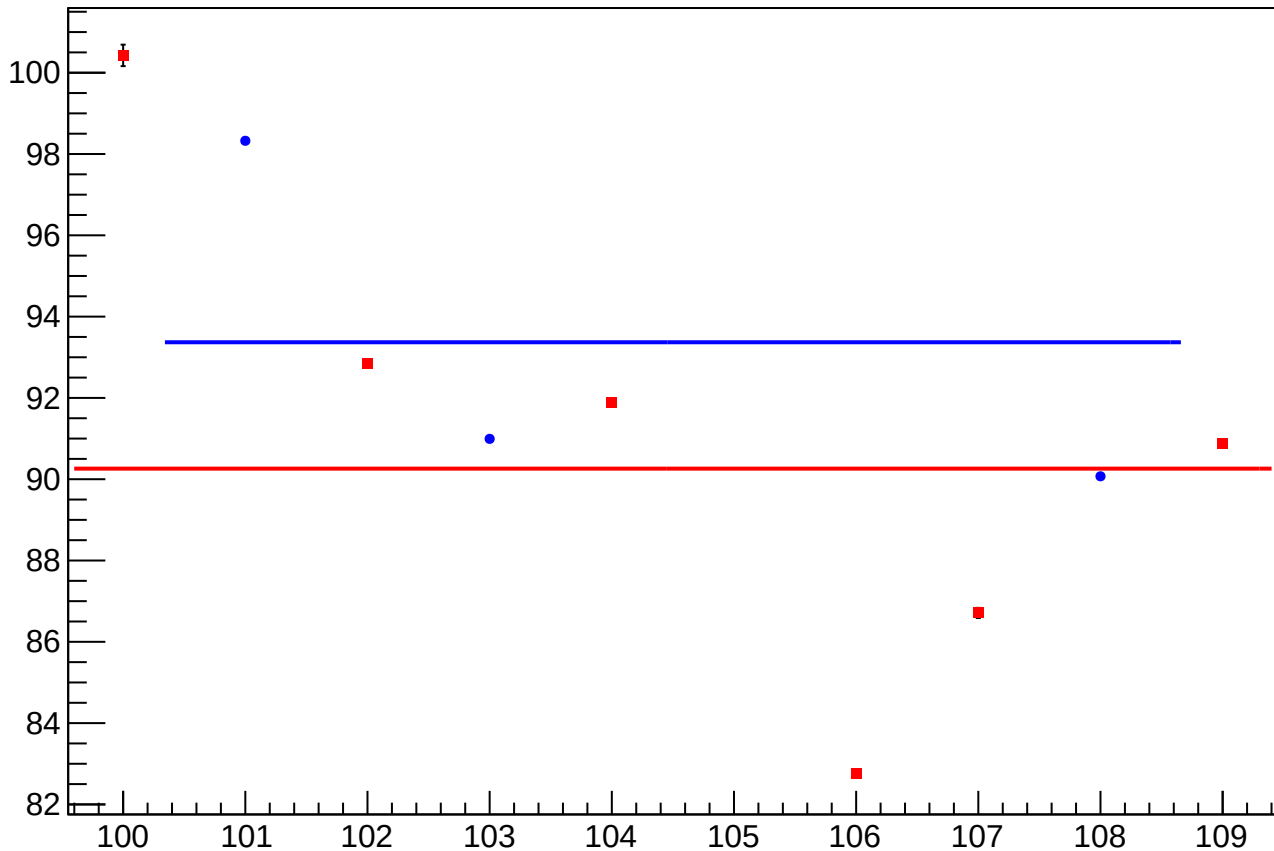
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: 17.057 $\pm$ -46.072 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 93.369+/-0.051 χ^2/NDF : 5196.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.260+/-0.042 χ^2/NDF : 8124.1/5

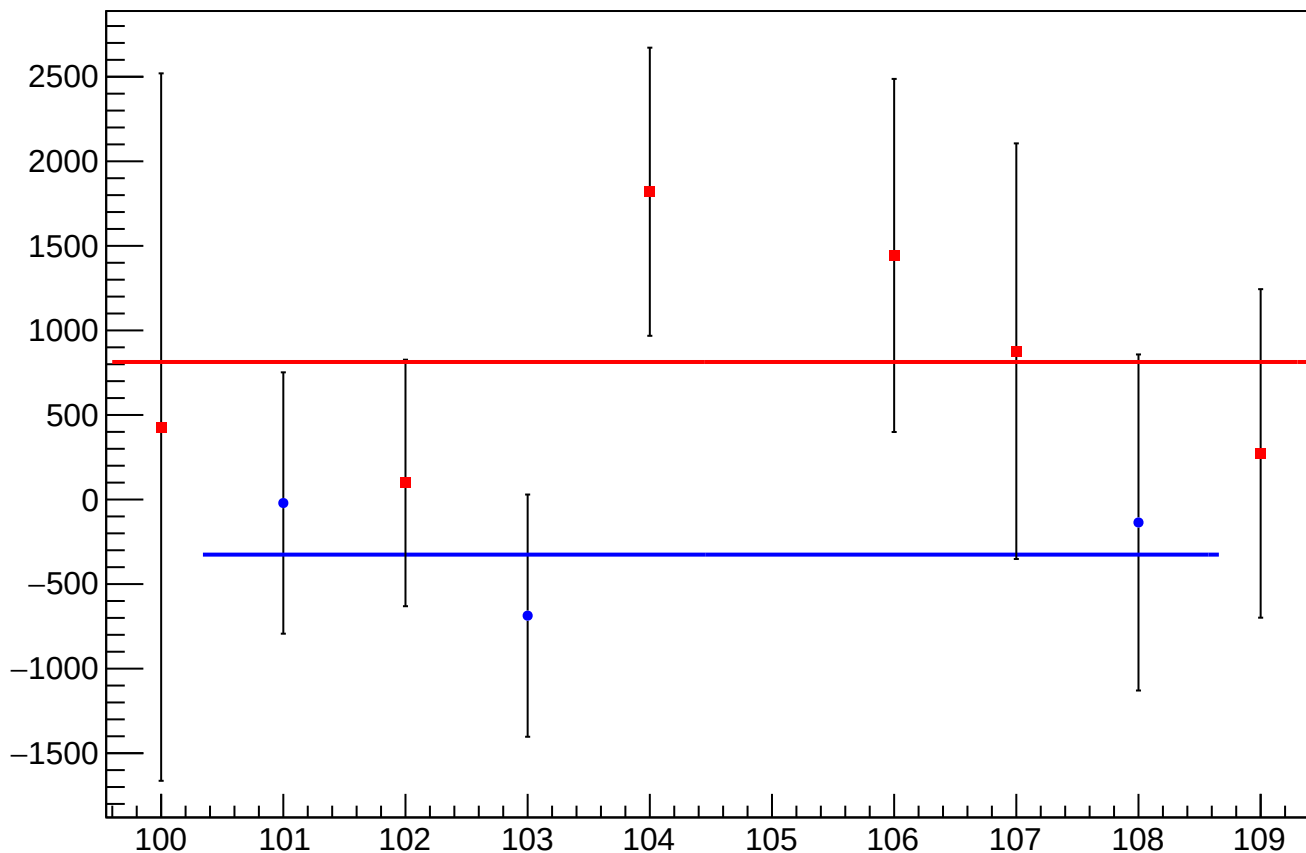
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.509+/-0.033 χ^2/NDF : 15508.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



Right In: -325.788+/-464.383 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.313+/-403.953 χ^2/NDF : 3.1/5

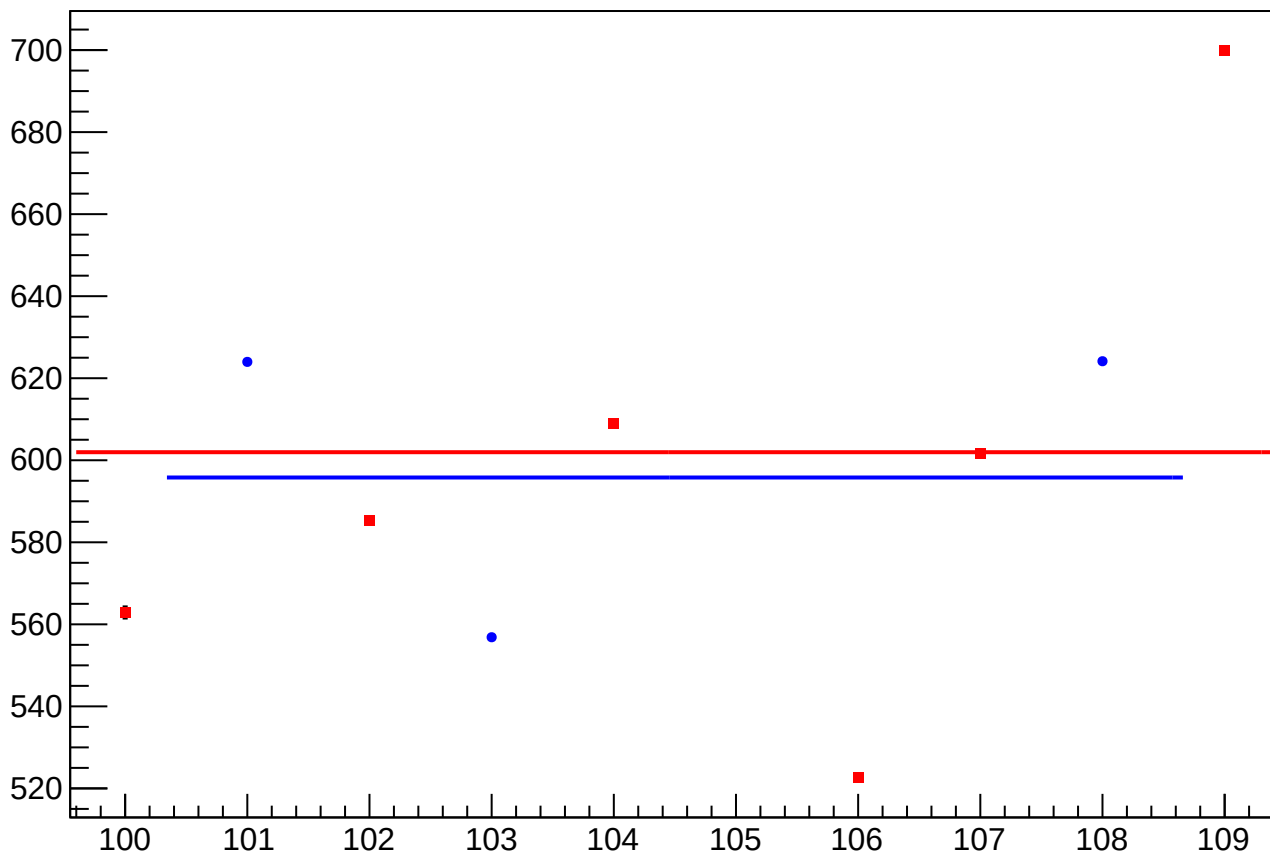
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.654+/-304.779 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



Right In: 595.796+/-0.328 χ^2/NDF : 10202.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.965+/-0.286 χ^2/NDF : 33775.0/5

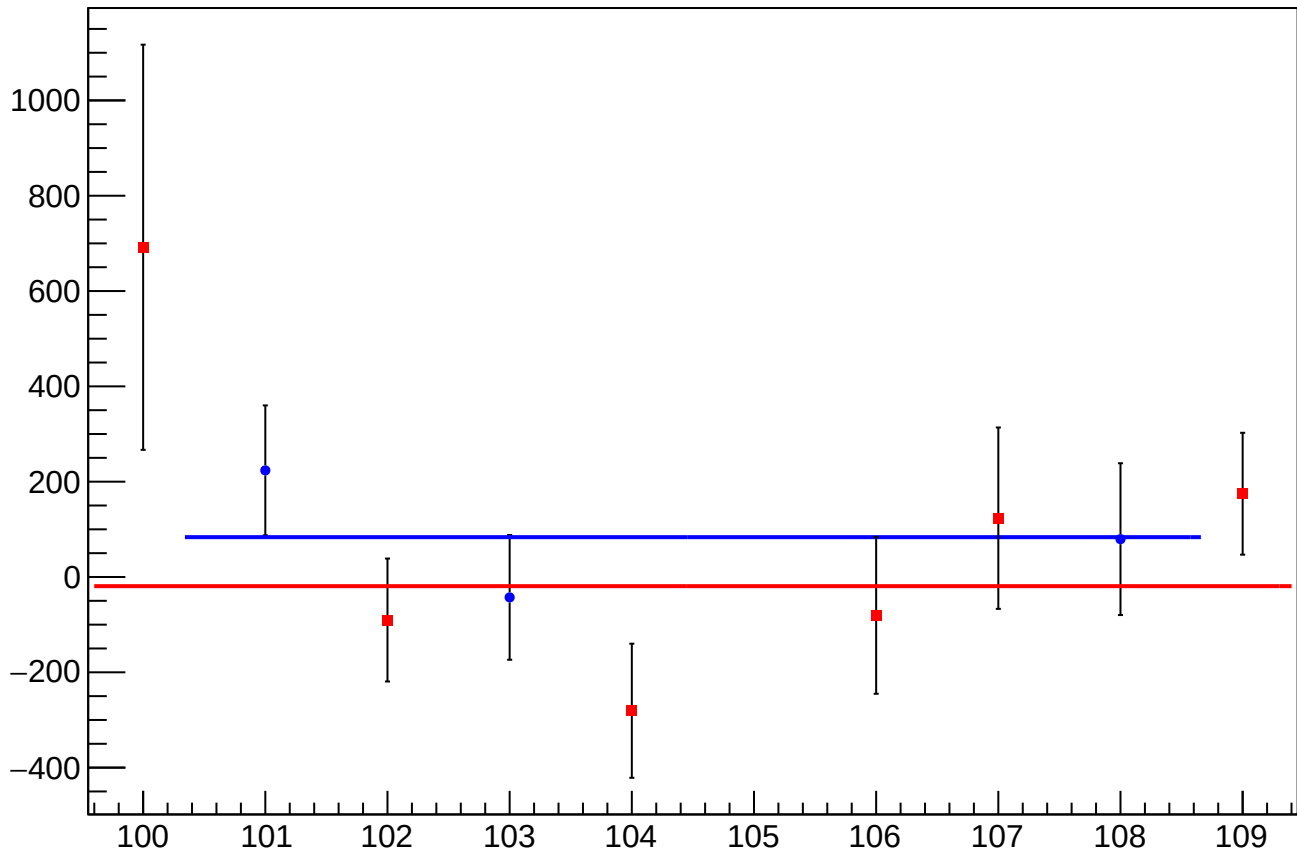
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.308+/-0.216 χ^2/NDF : 44178.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 83.596 $\pm$ 81.210 χ^2 /NDF: 2.0/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -19.223 $\pm$ -64.298 χ^2 /NDF: 9.6/5

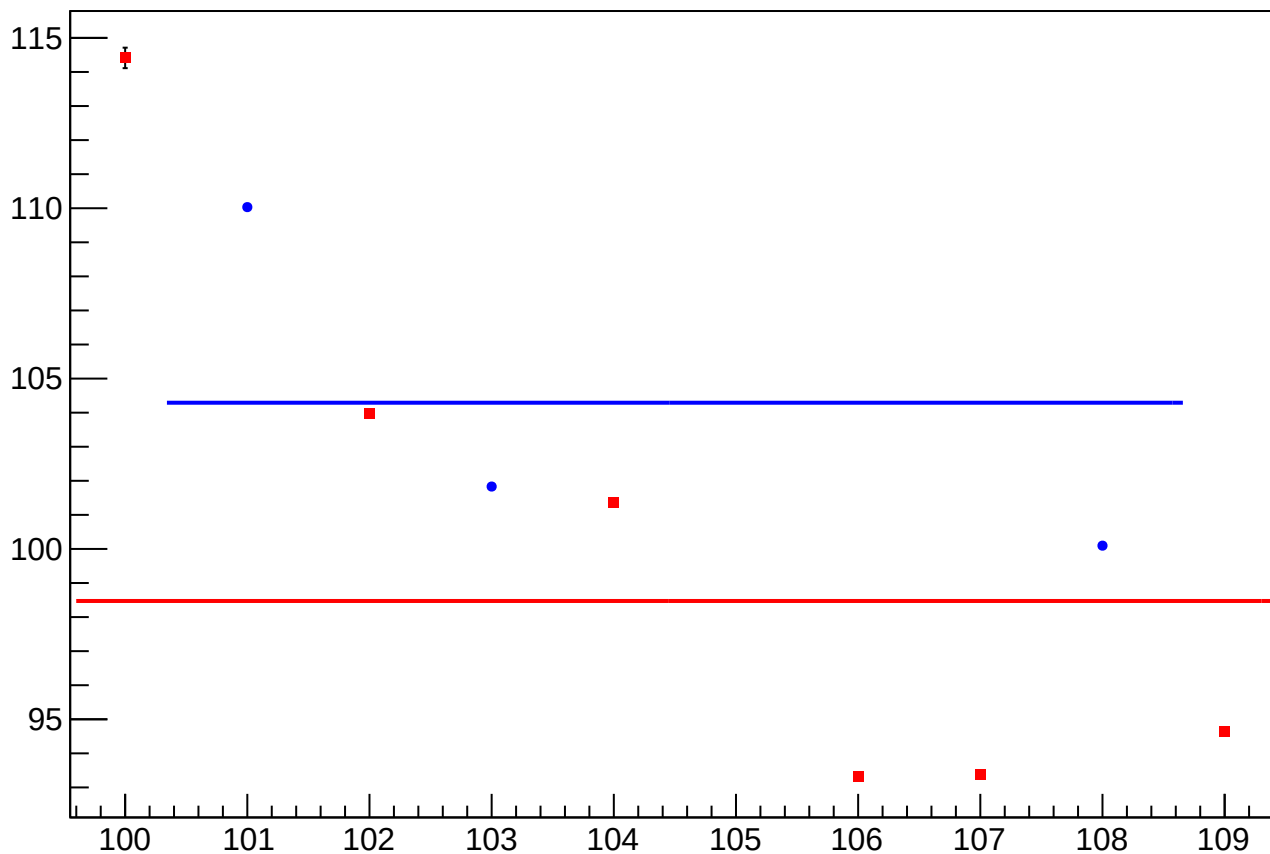
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: 20.395 $\pm$ -50.411 χ^2 /NDF: 12.5/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 104.292 $\pm$ 0.057 χ^2 /NDF: 5643.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 98.473 $\pm$ 0.045 χ^2 /NDF: 12498.1/5

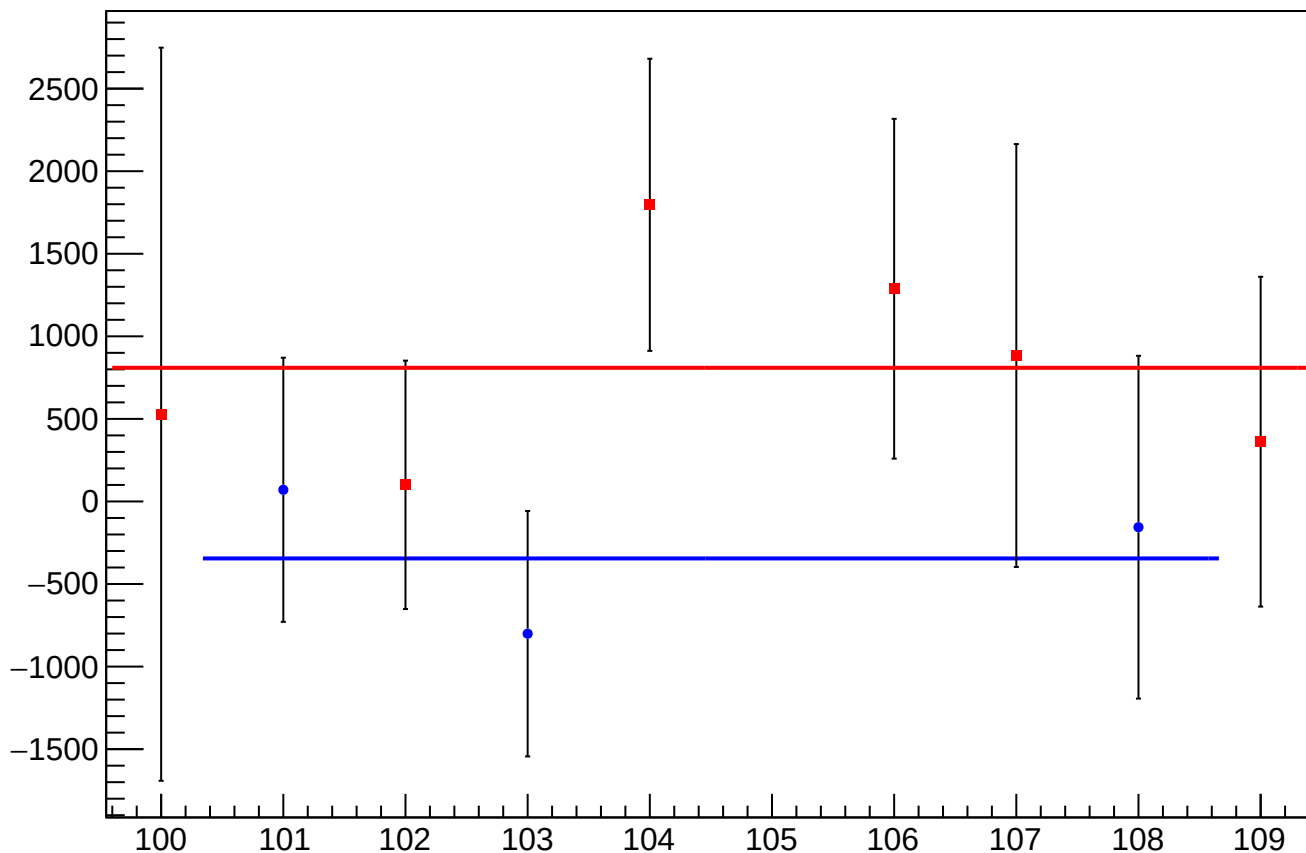
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.715 $\pm$ 0.036 χ^2 /NDF: 24453.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_mean vs Slug



Right In: -345.041+/-482.129 χ^2 /NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 809.575+/-415.026 χ^2 /NDF: 2.6/5

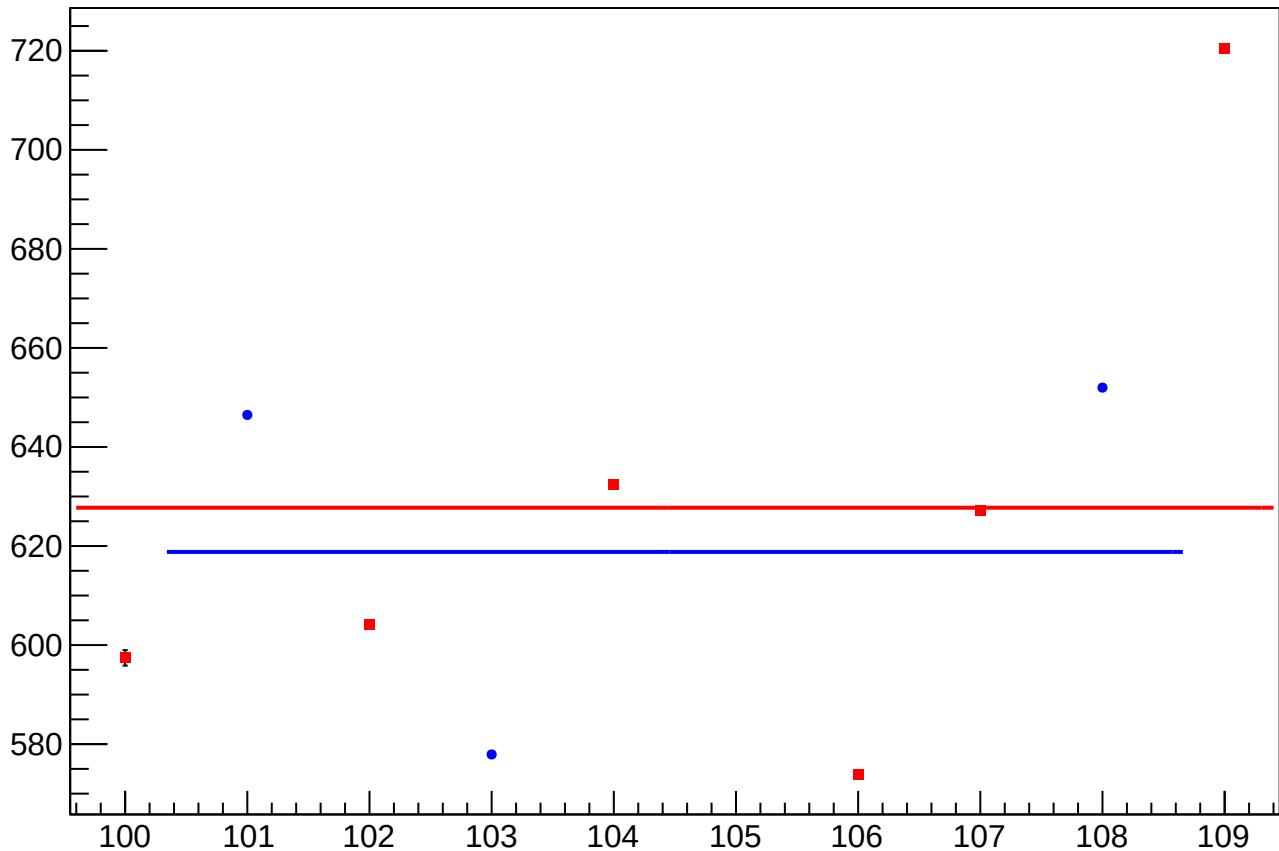
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 318.147+/-314.539 χ^2 /NDF: 6.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 618.808 $\pm$ 0.341 χ^2 /NDF: 10493.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 627.736 $\pm$ 0.293 χ^2 /NDF: 25141.3/5

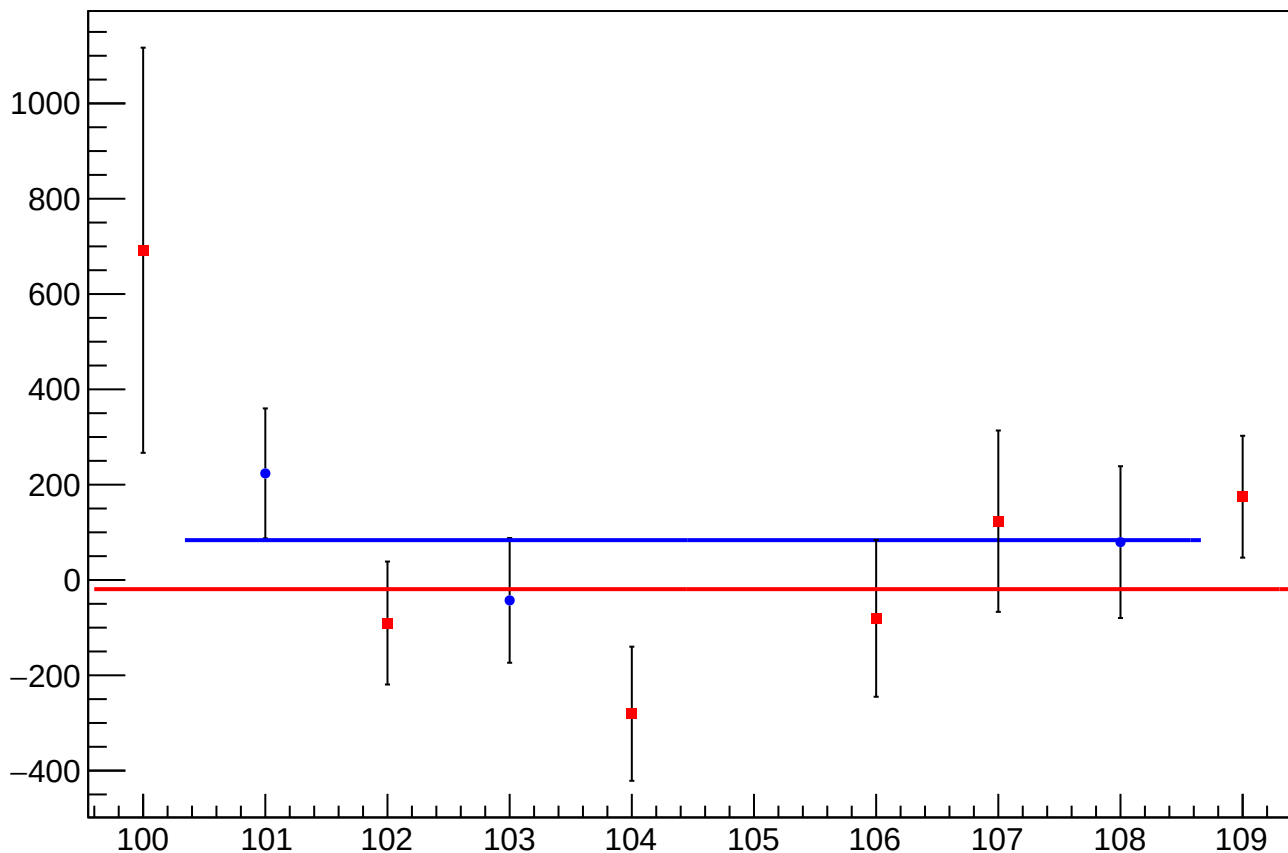
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 623.936 $\pm$ 0.222 χ^2 /NDF: 36028.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 83.597 $\pm$ 81.210 χ^2 /NDF: 2.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.223 $\pm$ 64.298 χ^2 /NDF: 9.6/5

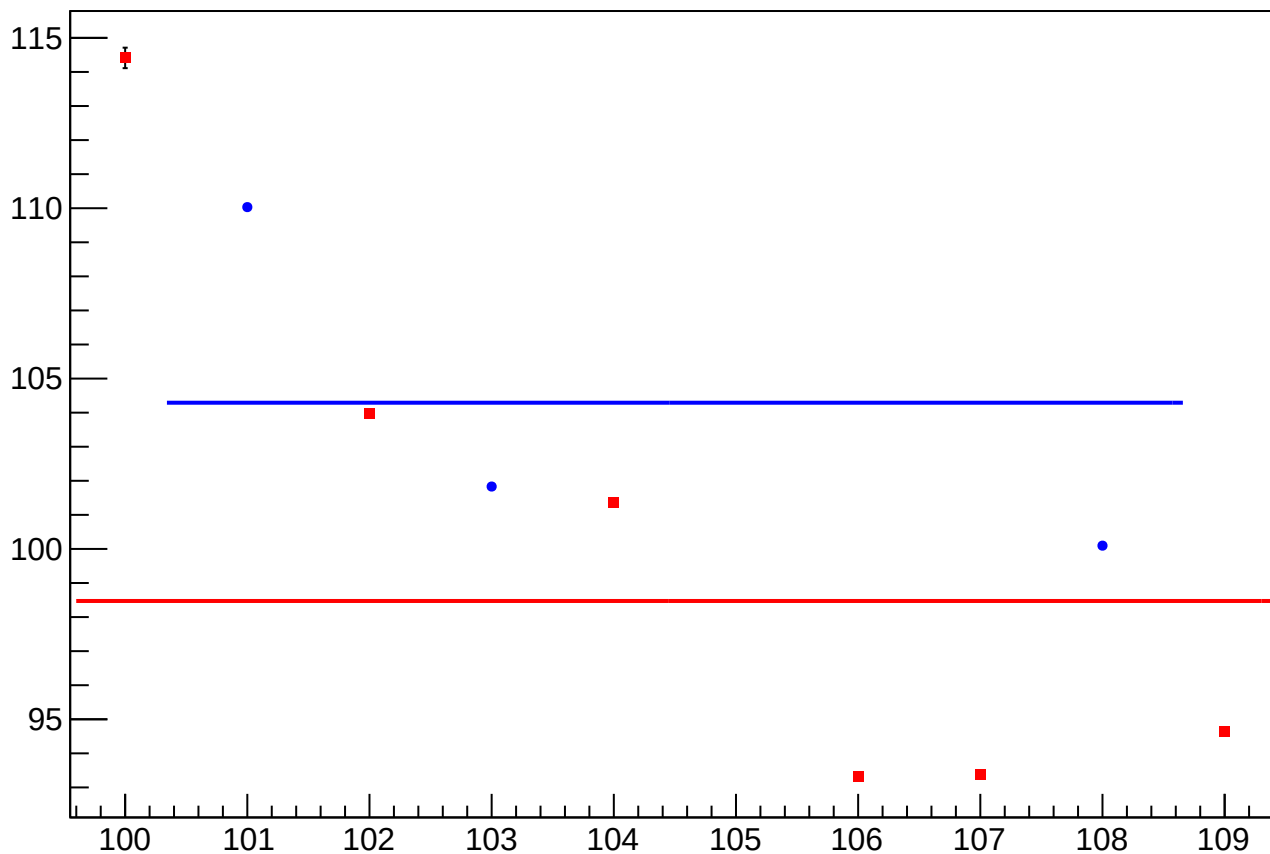
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.396 $\pm$ 50.410 χ^2 /NDF: 12.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 104.292 $\pm$ 0.057 χ^2 /NDF: 5643.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.472 $\pm$ 0.045 χ^2 /NDF: 12497.9/5

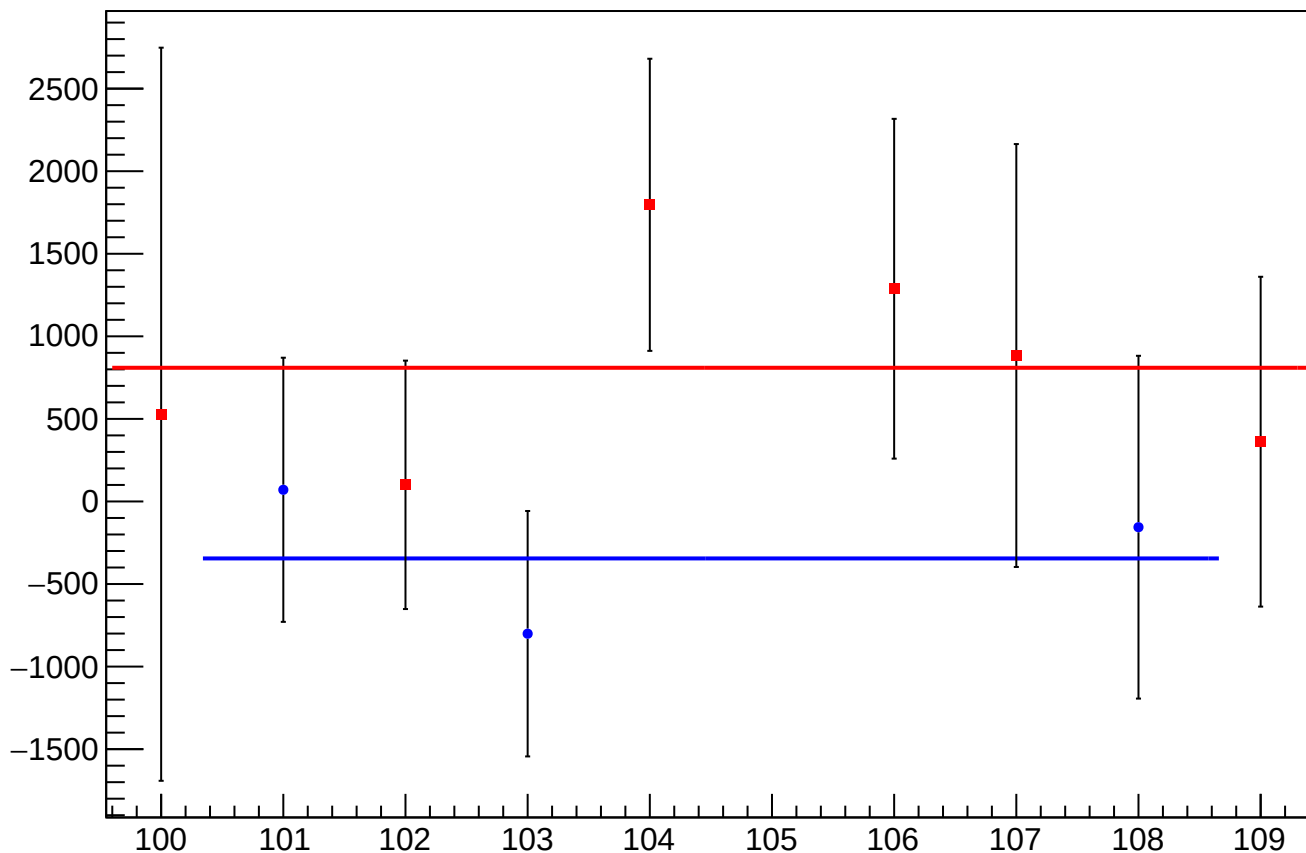
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.715 $\pm$ 0.036 χ^2 /NDF: 24453.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_mean vs Slug



Right In: -345.040 $\pm$ 482.129 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 809.575 $\pm$ 415.025 χ^2 /NDF: 2.6/5

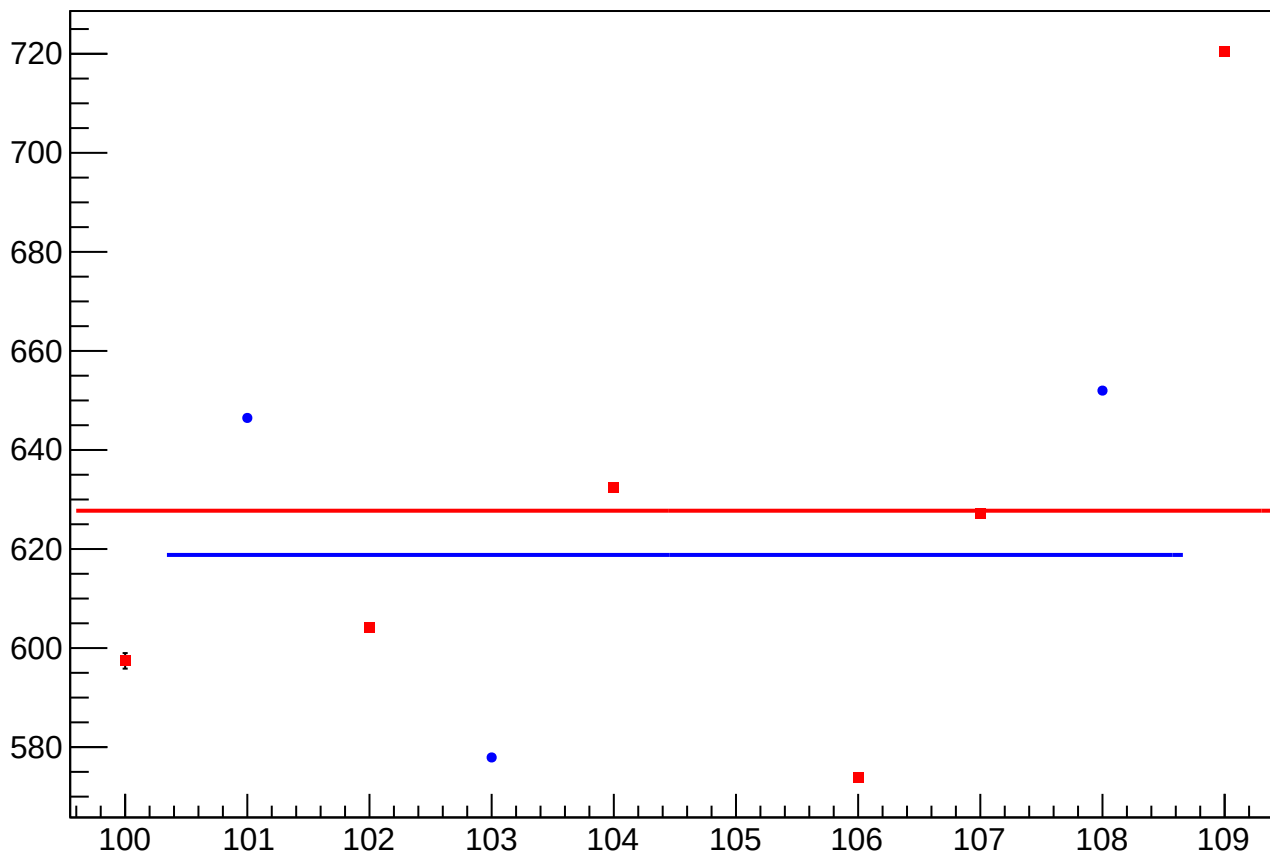
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 318.147 $\pm$ 314.539 χ^2 /NDF: 6.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 618.808 $\pm$ 0.341 χ^2 /NDF: 10493.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 627.736 $\pm$ 0.293 χ^2 /NDF: 25141.1/5

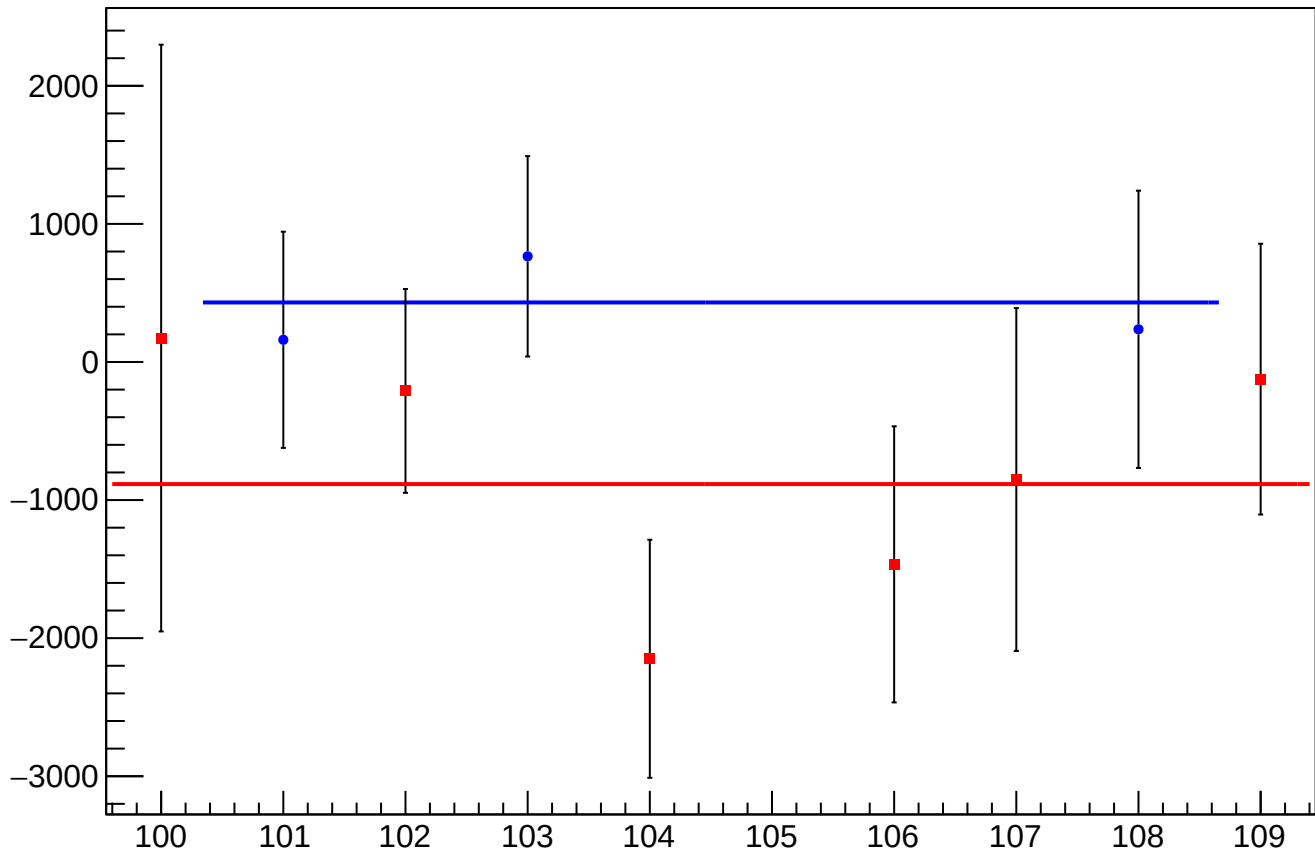
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 623.936 $\pm$ 0.222 χ^2 /NDF: 36028.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



Right In: 431.218 $\pm$ 470.252 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -884.220 $\pm$ 405.151 χ^2 /NDF: 4.2/5

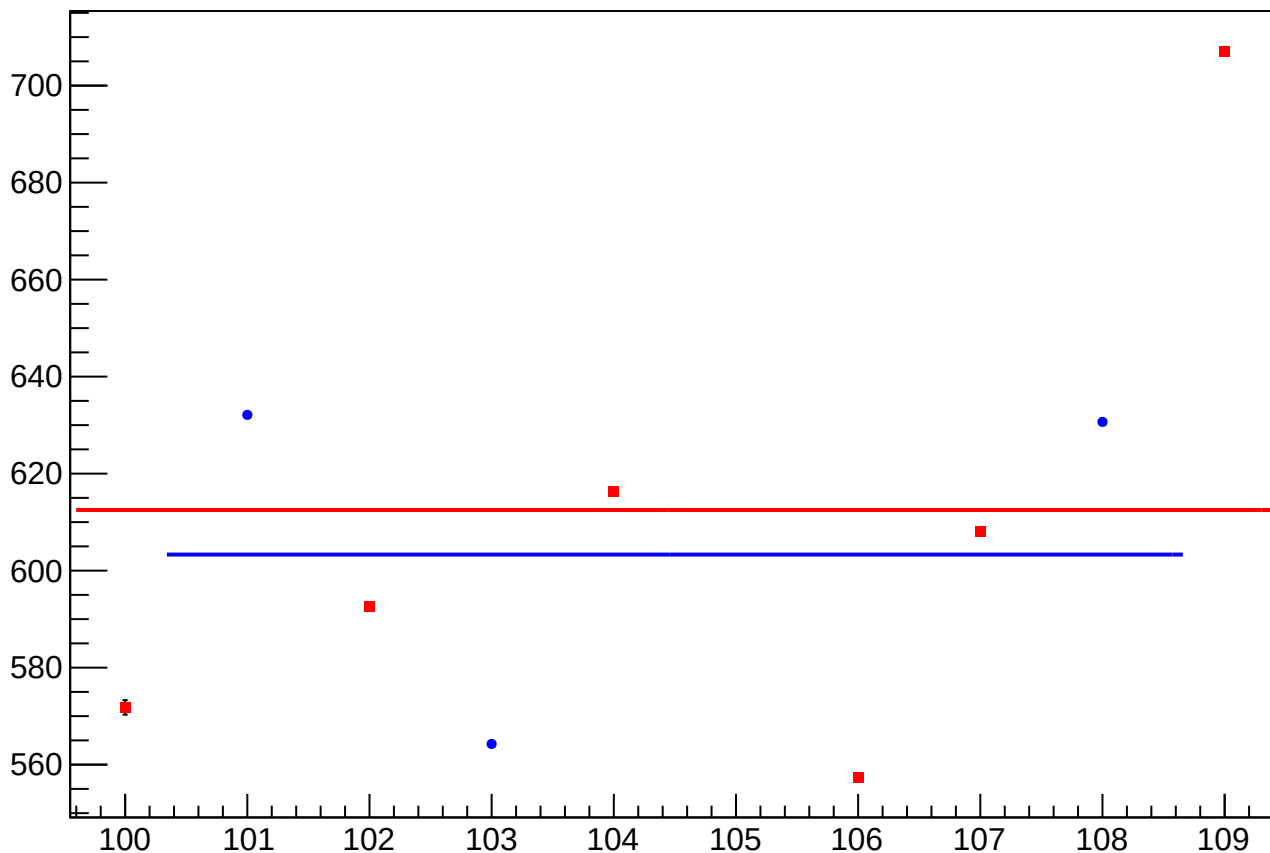
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -323.789 $\pm$ 306.942 χ^2 /NDF: 9.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 603.309+/-0.333 χ^2/NDF : 9978.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.510+/-0.286 χ^2/NDF : 26941.9/5

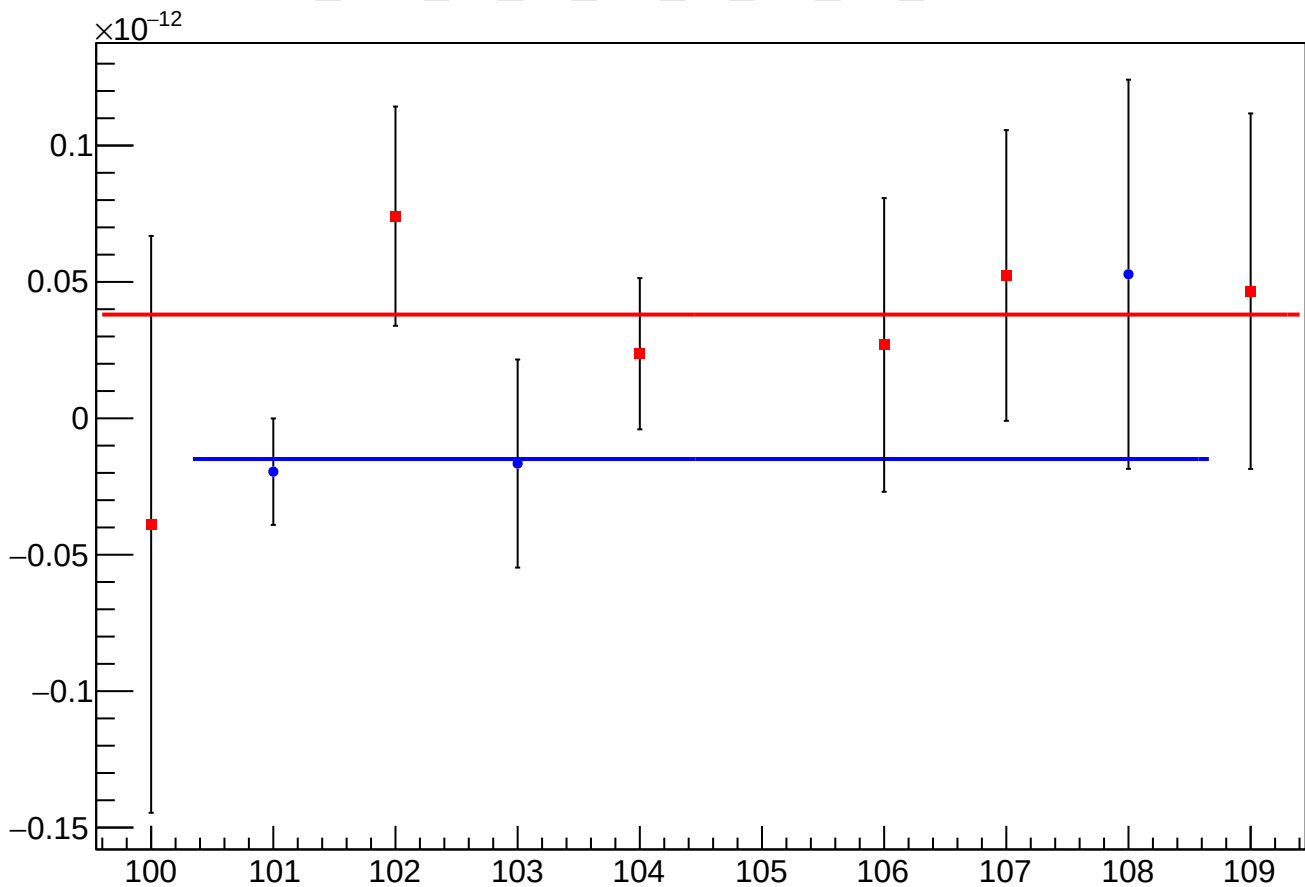
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 608.590+/-0.217 χ^2/NDF : 37359.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.7/5

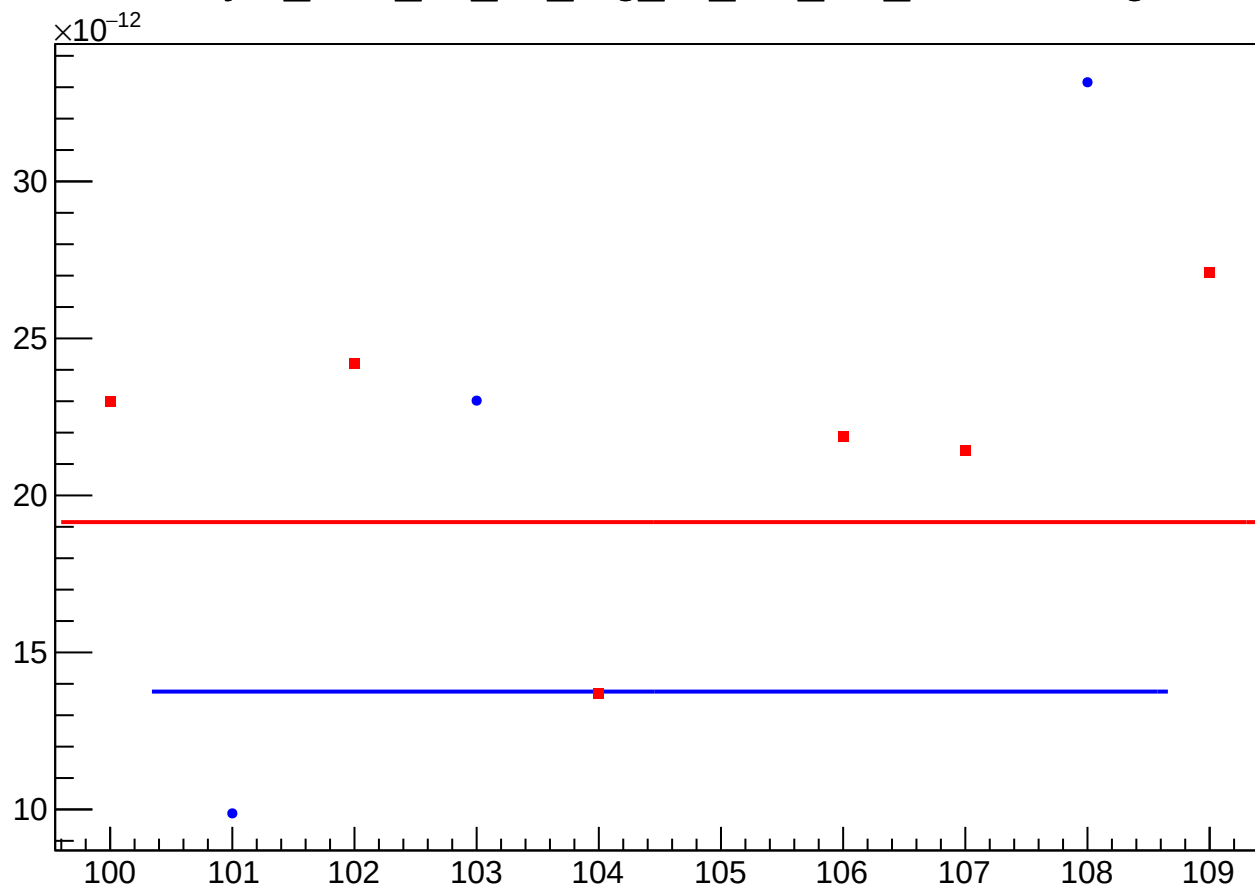
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 345129.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 150098.7/5

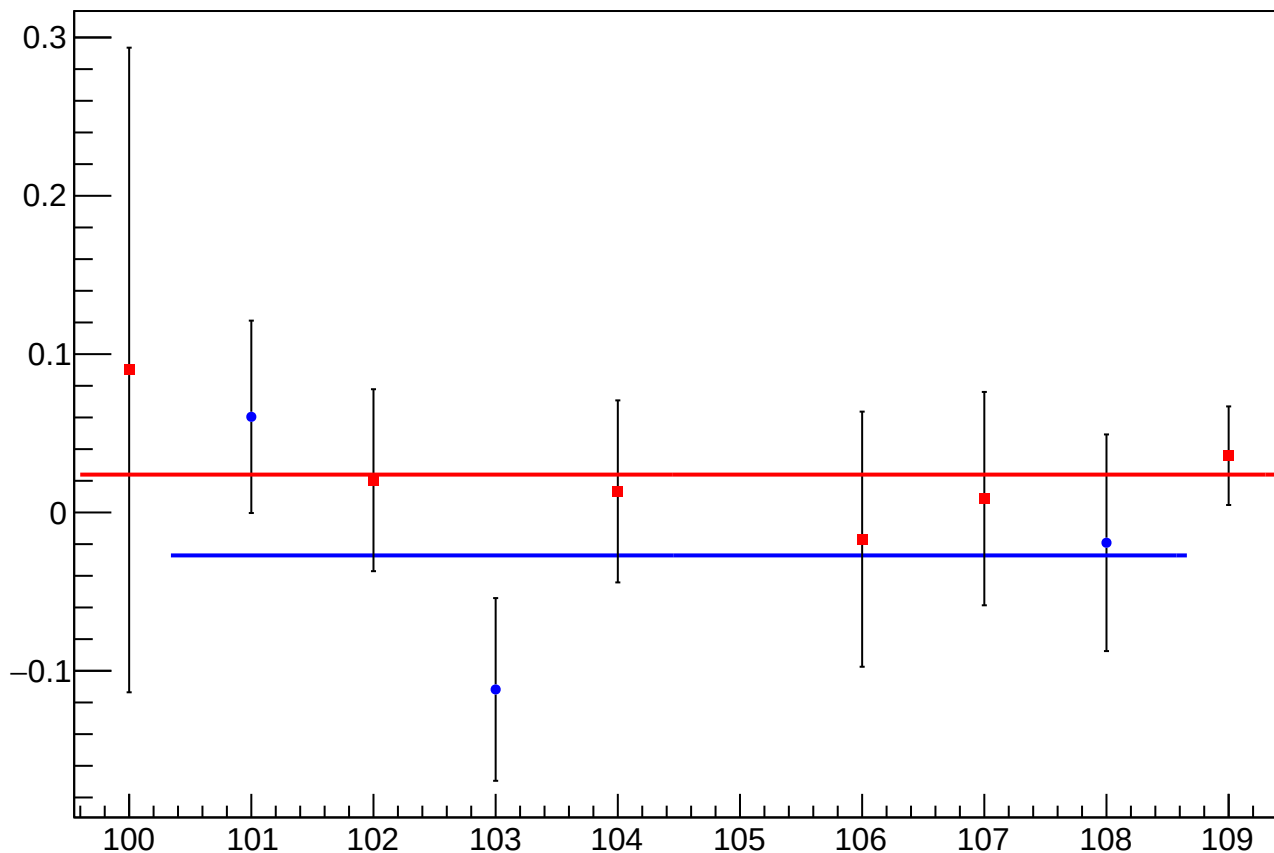
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 588492.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.027 ± 0.036 χ^2/NDF : 4.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.022 χ^2/NDF : 0.6/5

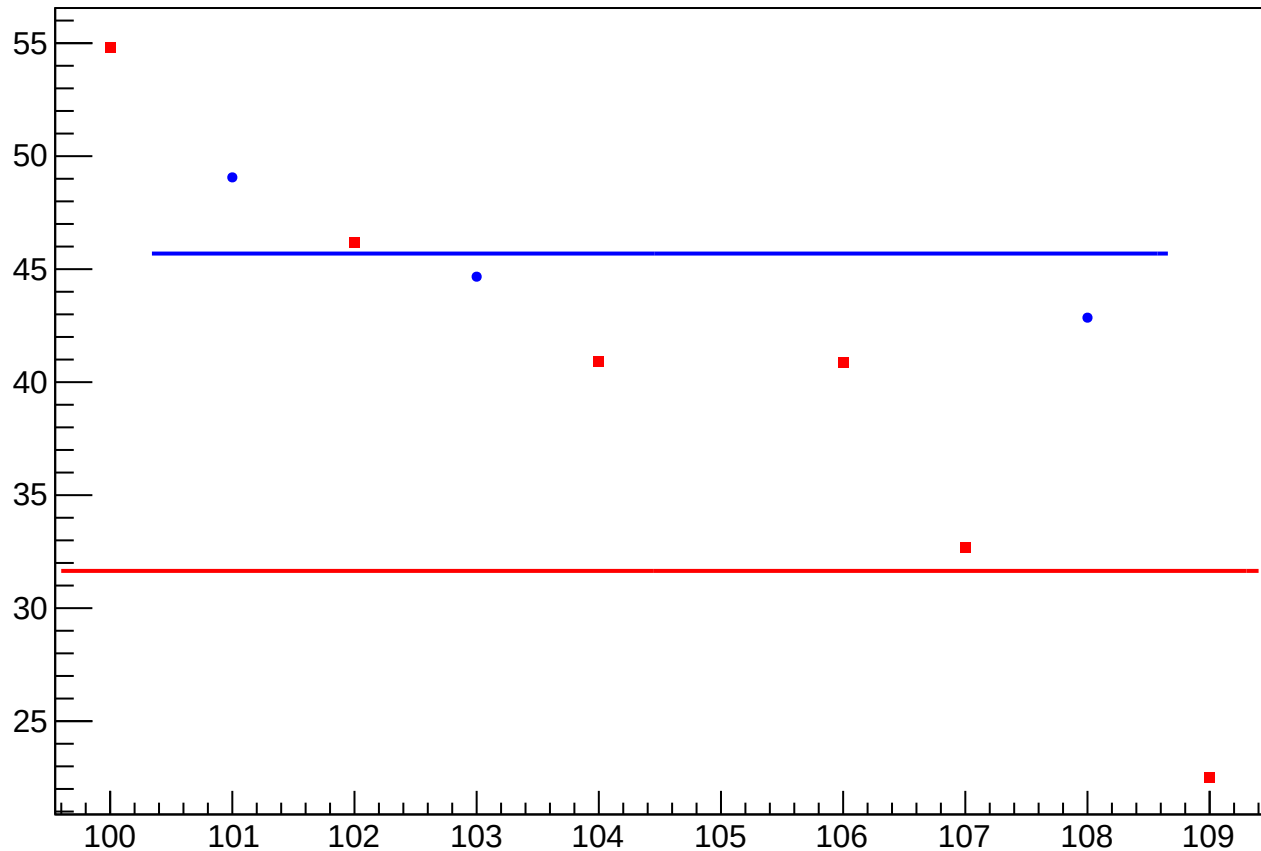
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.010 ± 0.019 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 45.690+/-0.025 χ^2/NDF : 10224.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.648+/-0.016 χ^2/NDF : 404965.4/5

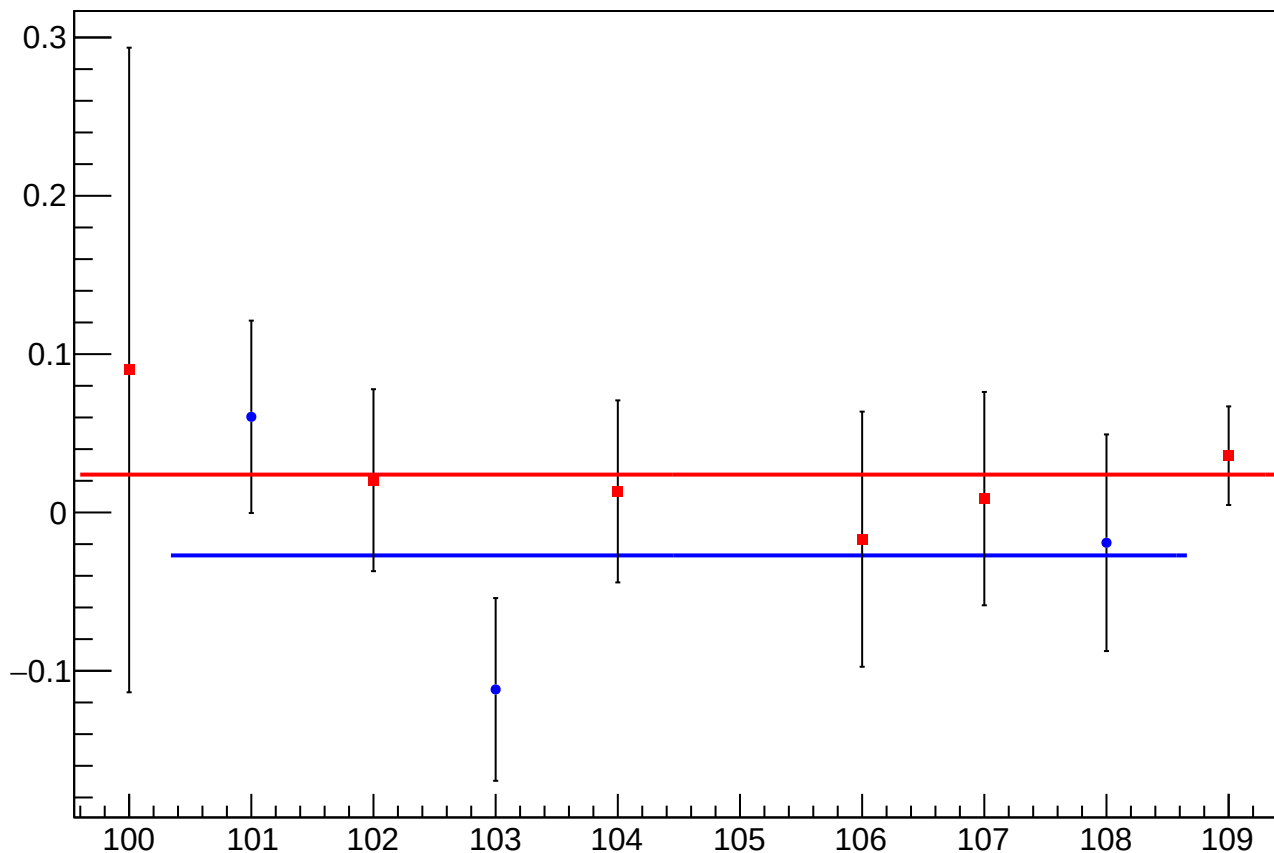
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.556+/-0.013 χ^2/NDF : 638602.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.027 ± 0.036 χ^2/NDF : 4.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.022 χ^2/NDF : 0.6/5

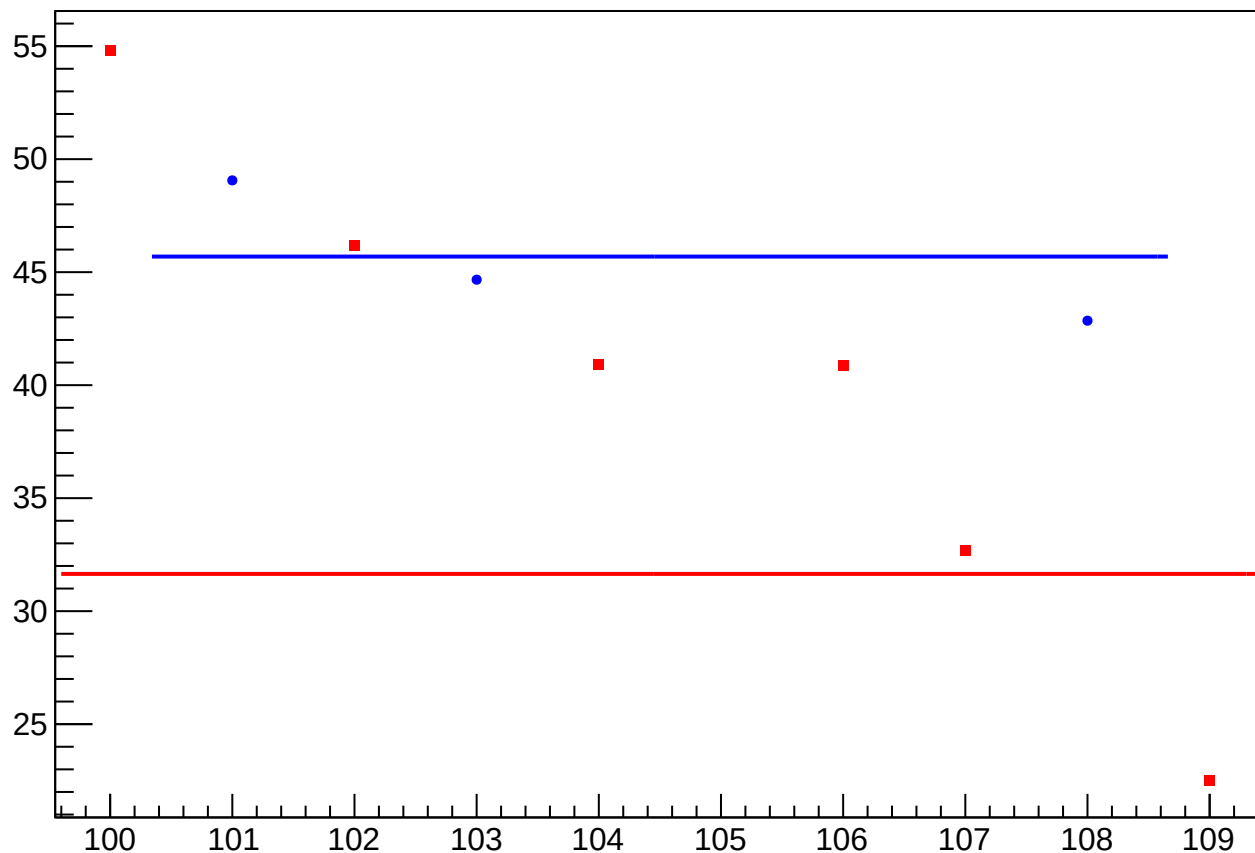
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.010 ± 0.019 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.690+/-0.025 χ^2/NDF : 10224.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.648+/-0.016 χ^2/NDF : 404965.4/5

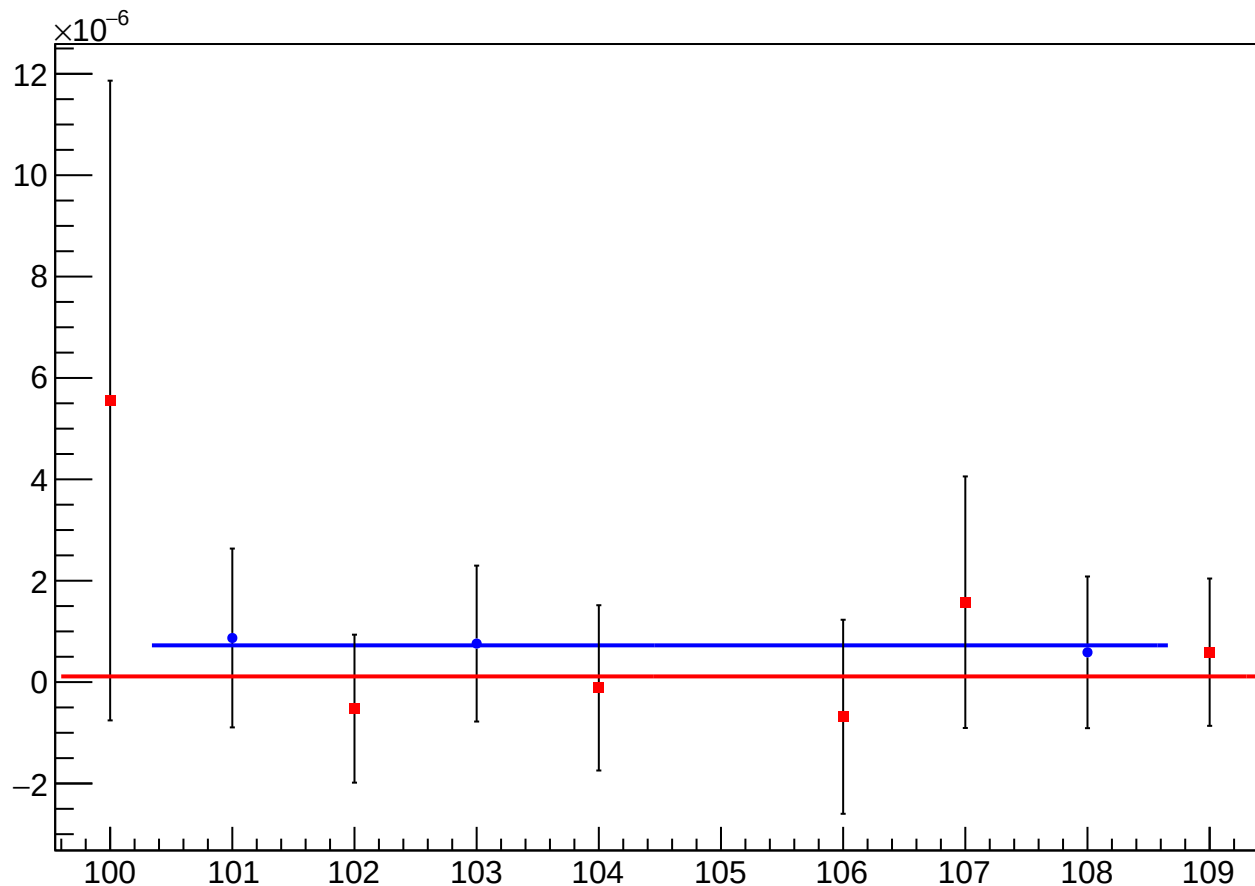
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.556+/-0.013 χ^2/NDF : 638602.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/5

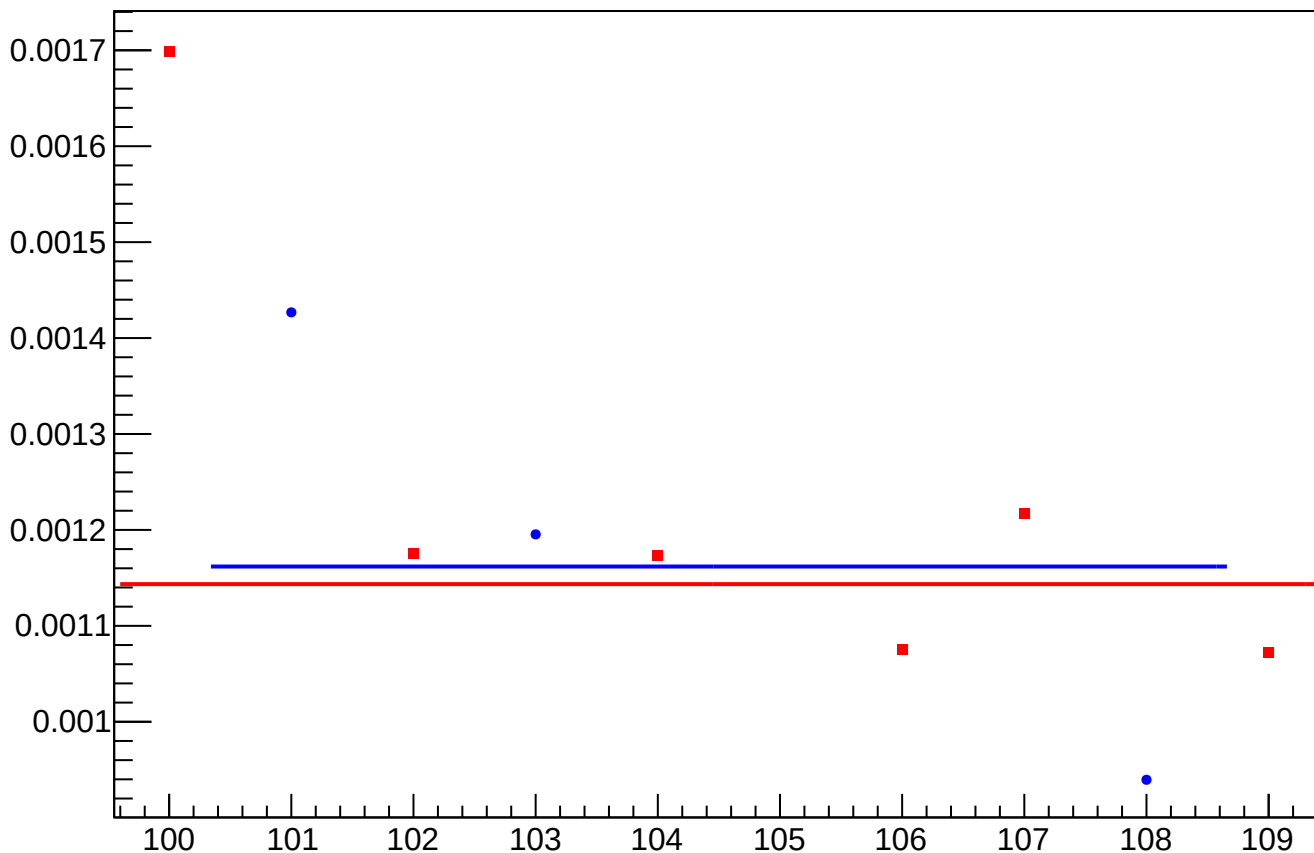
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 90222.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 26220.3/5

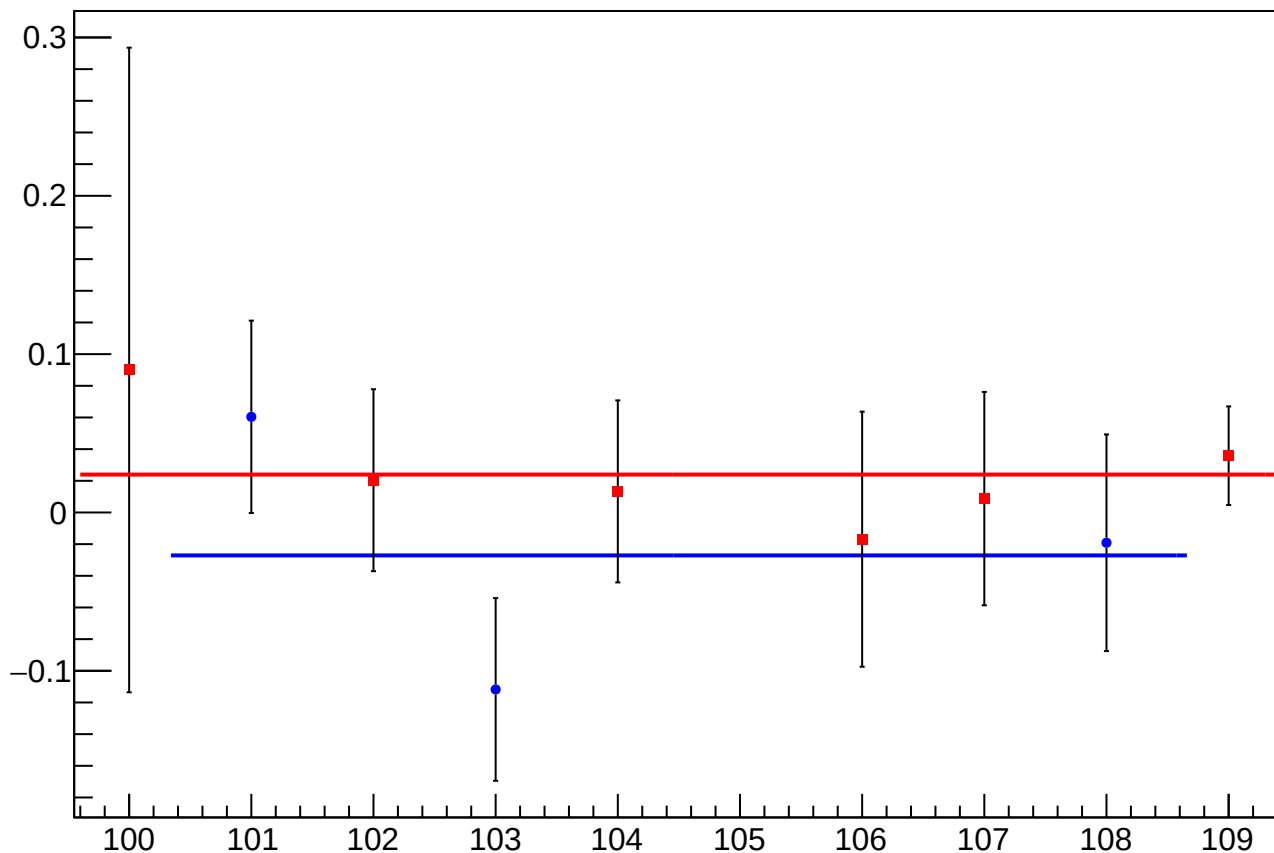
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 116924.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.027 $\pm$ 0.036 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.024 $\pm$ 0.022 χ^2 /NDF: 0.6/5

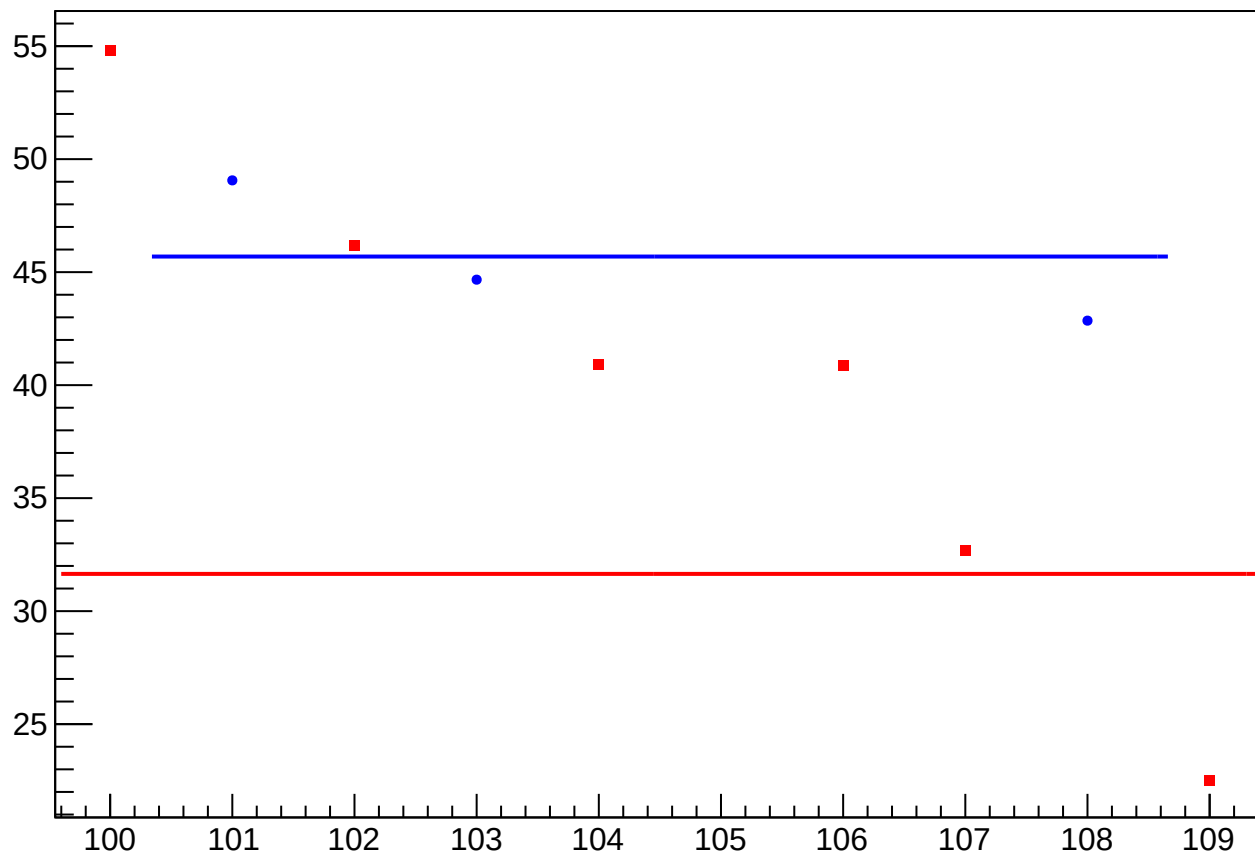
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.019 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 45.690 $\pm$ 0.025 χ^2 /NDF: 10223.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.648 $\pm$ 0.016 χ^2 /NDF: 404993.7/5

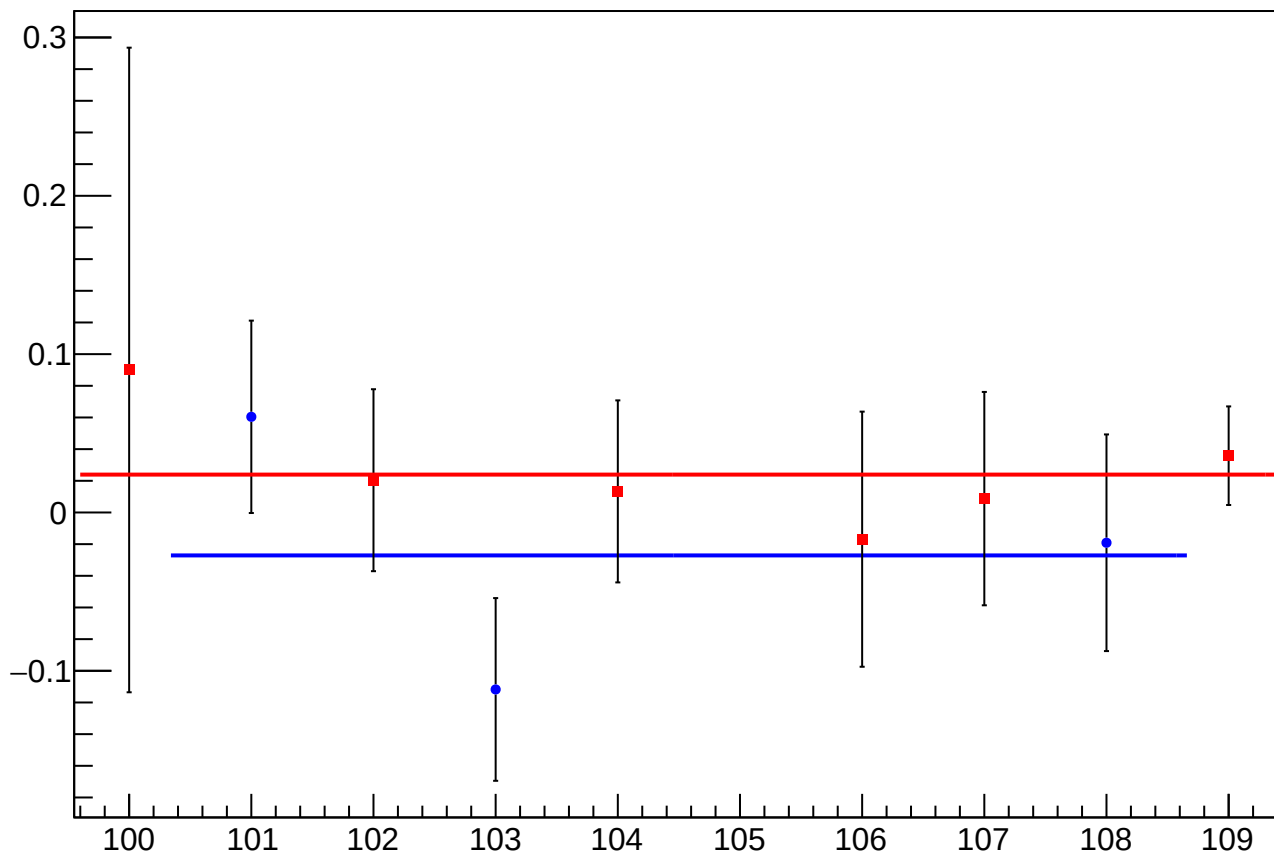
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.556 $\pm$ 0.013 χ^2 /NDF: 638646.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.027 ± 0.036 χ^2/NDF : 4.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.022 χ^2/NDF : 0.6/5

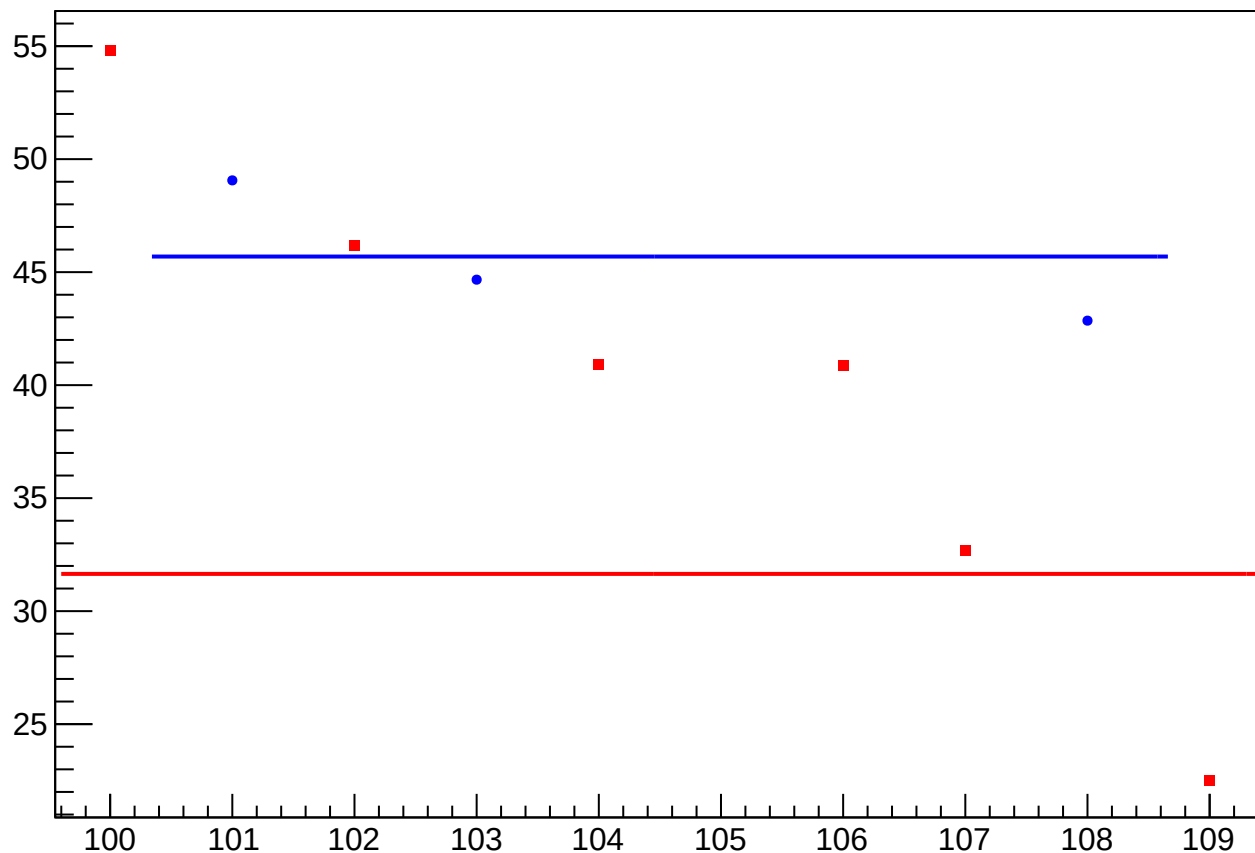
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.010 ± 0.019 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.690 $\pm$ 0.025 χ^2 /NDF: 10223.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.648 $\pm$ 0.016 χ^2 /NDF: 404993.7/5

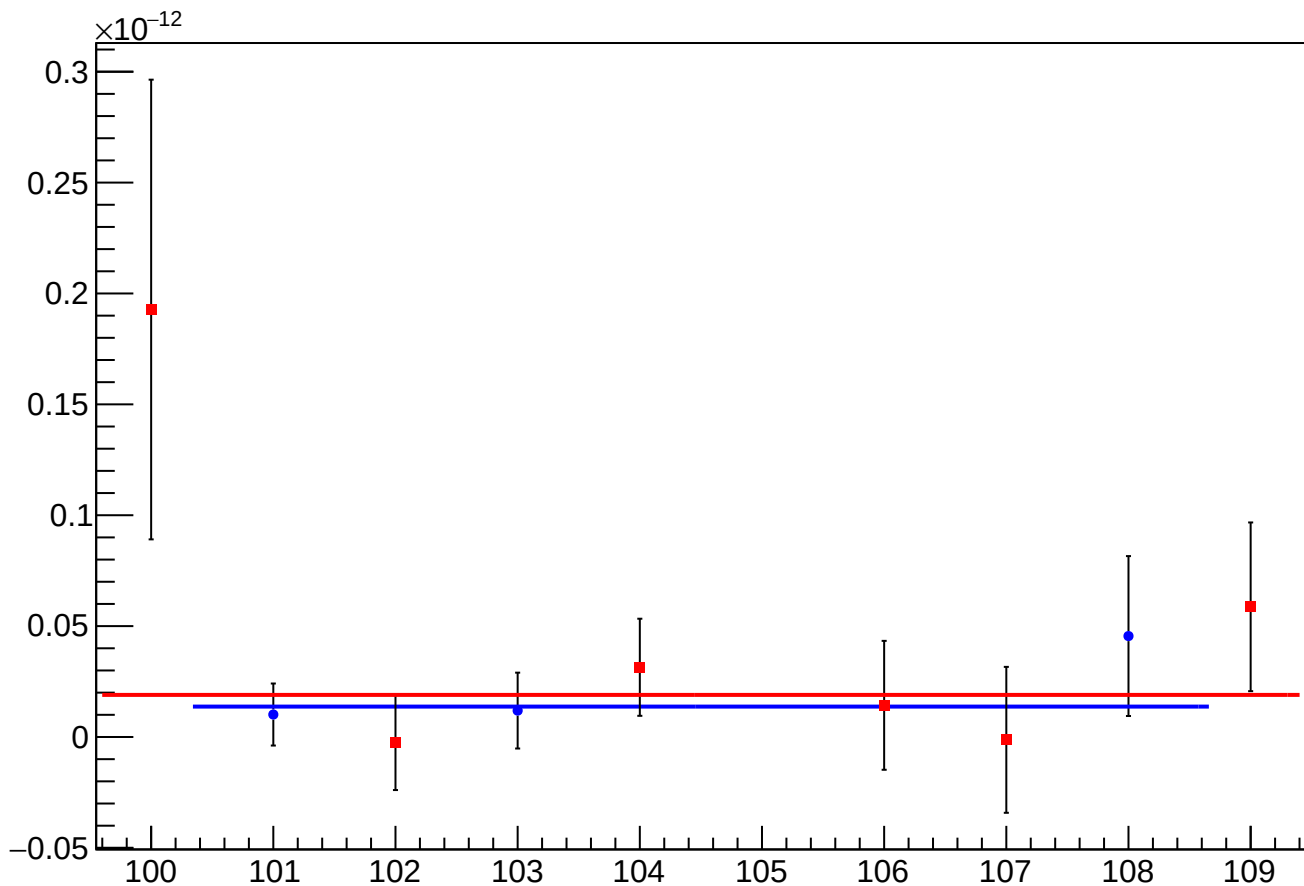
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.556 $\pm$ 0.013 χ^2 /NDF: 638646.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/5

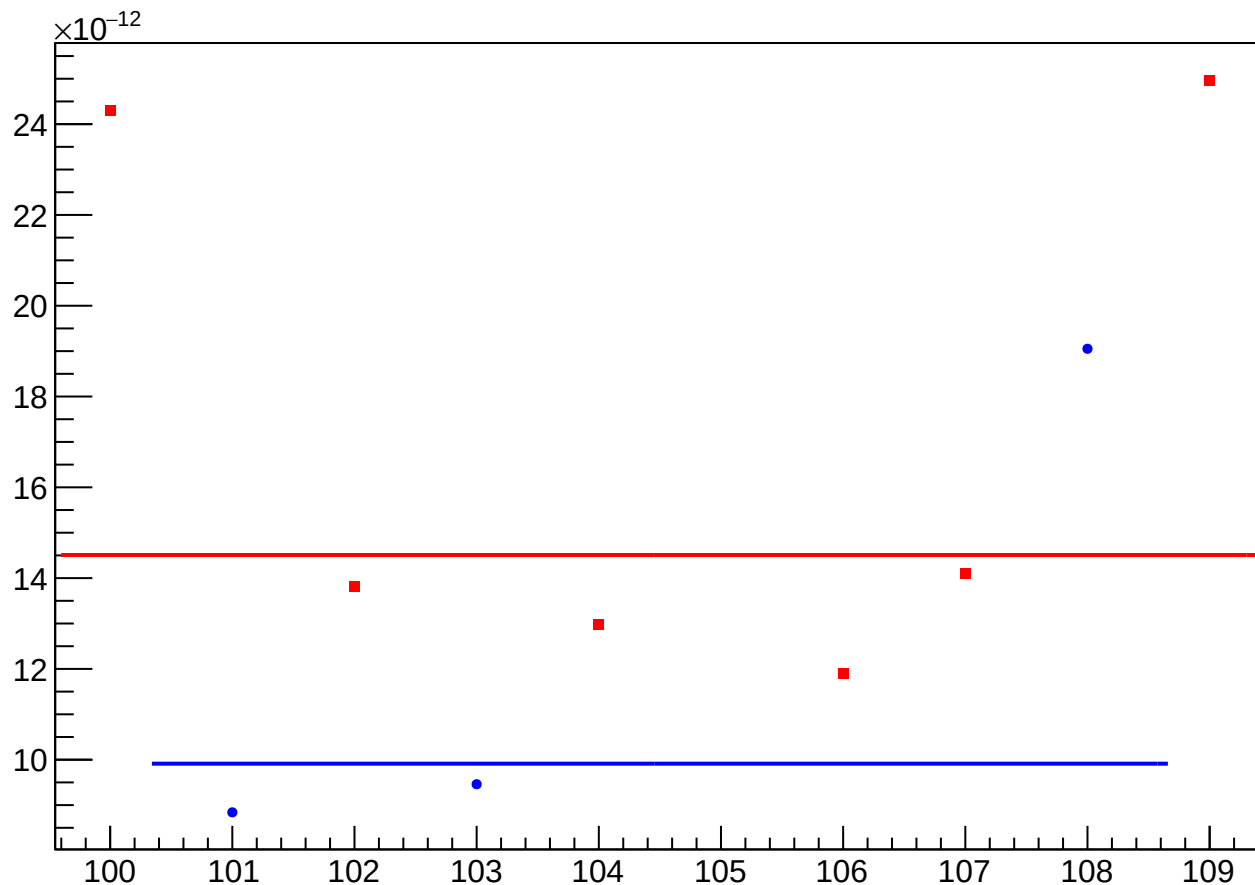
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 141660.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 196798.4/5

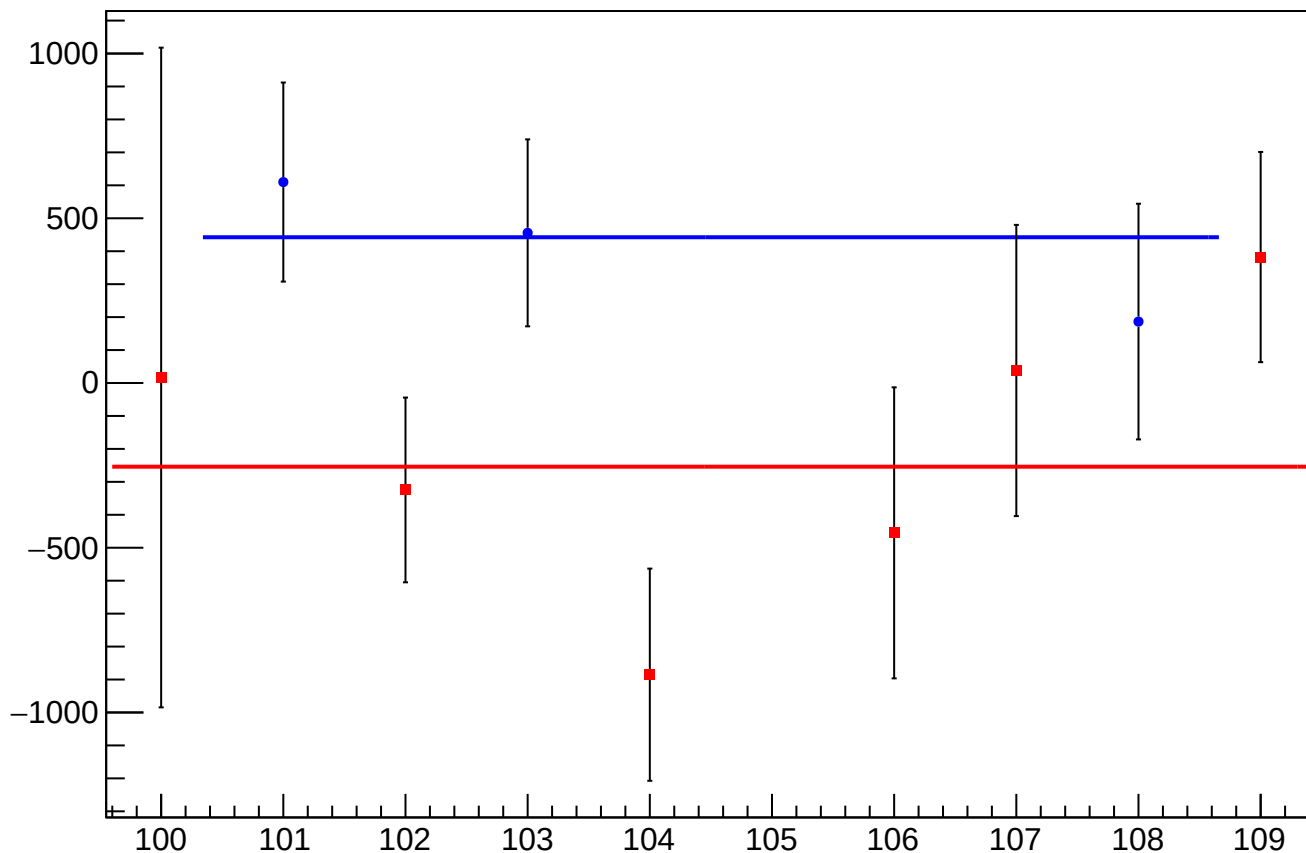
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 508764.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 442.407 $\pm$ 179.050 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -253.972 $\pm$ 151.732 χ^2 /NDF: 8.6/5

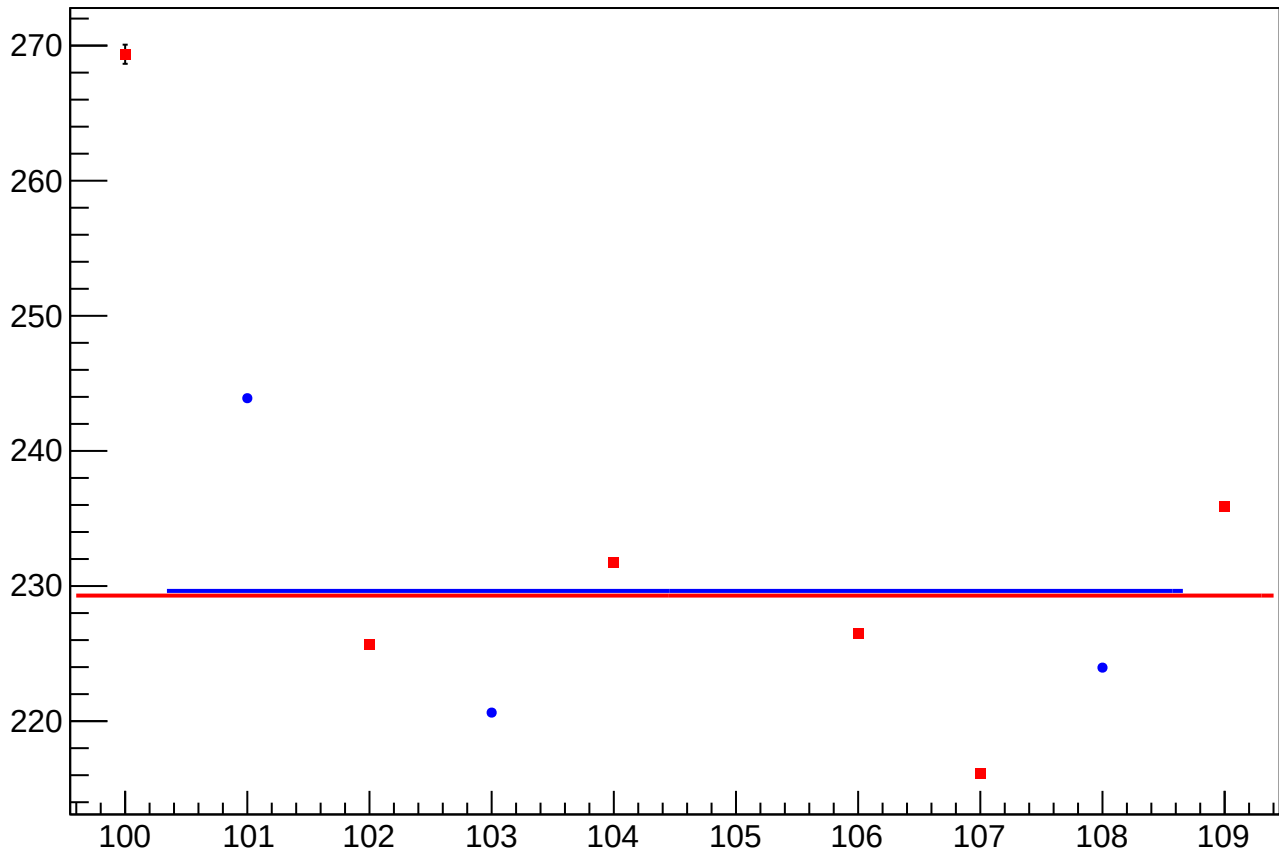
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.096 $\pm$ 115.757 χ^2 /NDF: 18.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_rms vs Slug



Right In: 229.640 $\pm$ 0.127 χ^2 /NDF: 6977.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 229.294 $\pm$ 0.107 χ^2 /NDF: 6364.6/5

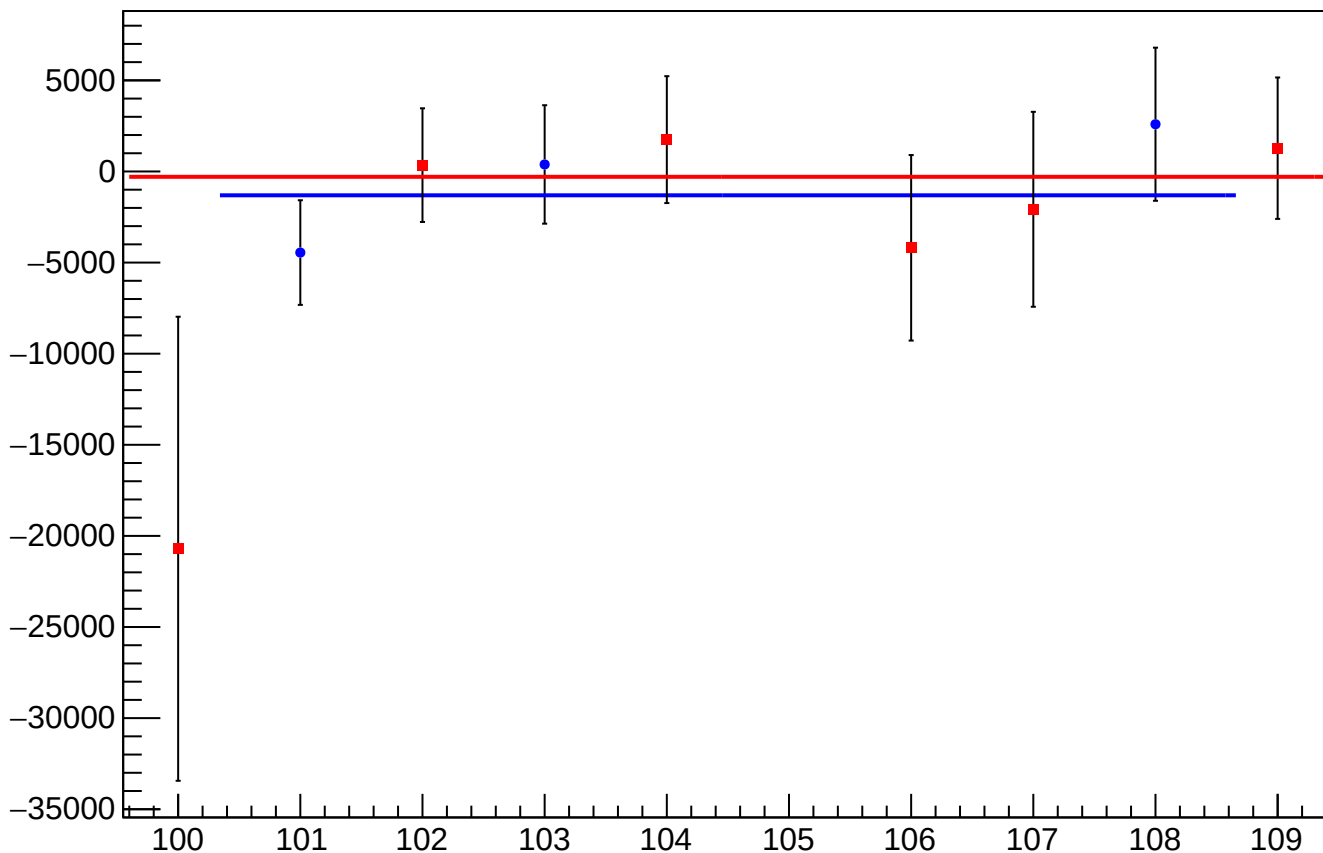
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.439 $\pm$ 0.082 χ^2 /NDF: 13346.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_correction_mean vs Slug



Right In: -1307.681 ± 1915.267 χ^2/NDF : 2.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -293.166 ± 1737.119 χ^2/NDF : 3.8/5

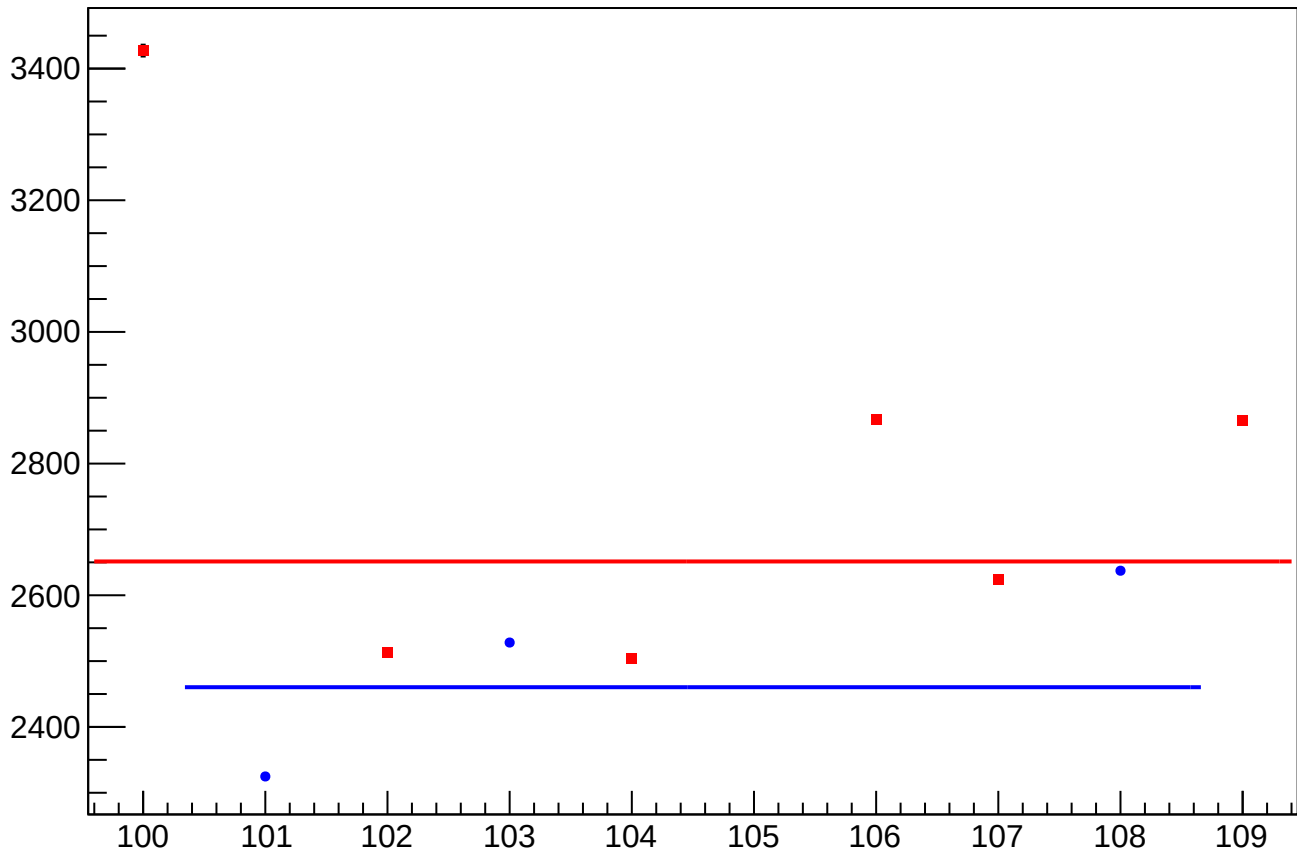
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -751.057 ± 1286.712 χ^2/NDF : 6.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2460.343+/-1.354 χ^2/NDF : 8877.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2651.339+/-1.228 χ^2/NDF : 24607.9/5

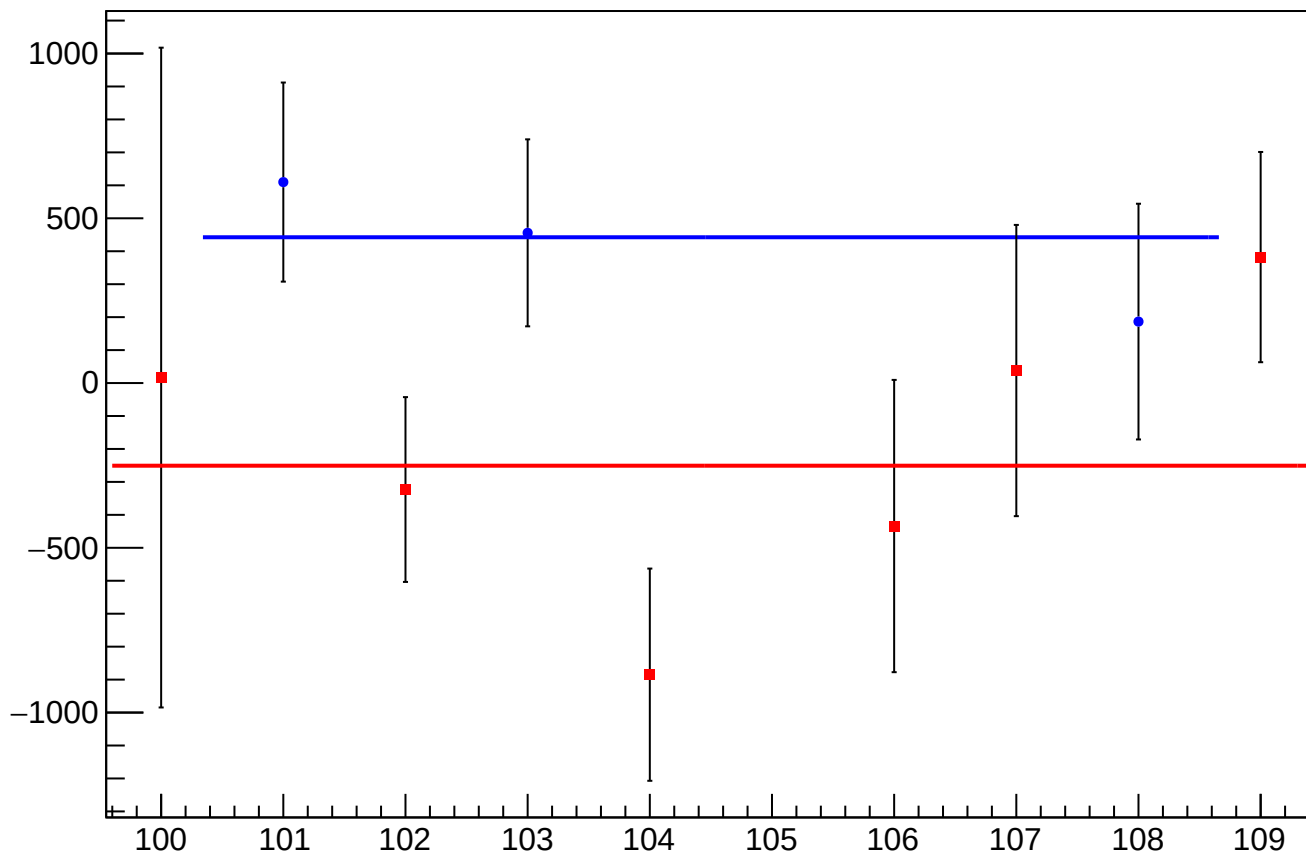
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2565.135+/-0.910 χ^2/NDF : 44398.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_dd_mean vs Slug



Right In: 442.441 $\pm$ 179.050 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -250.852 $\pm$ 151.818 χ^2 /NDF: 8.6/5

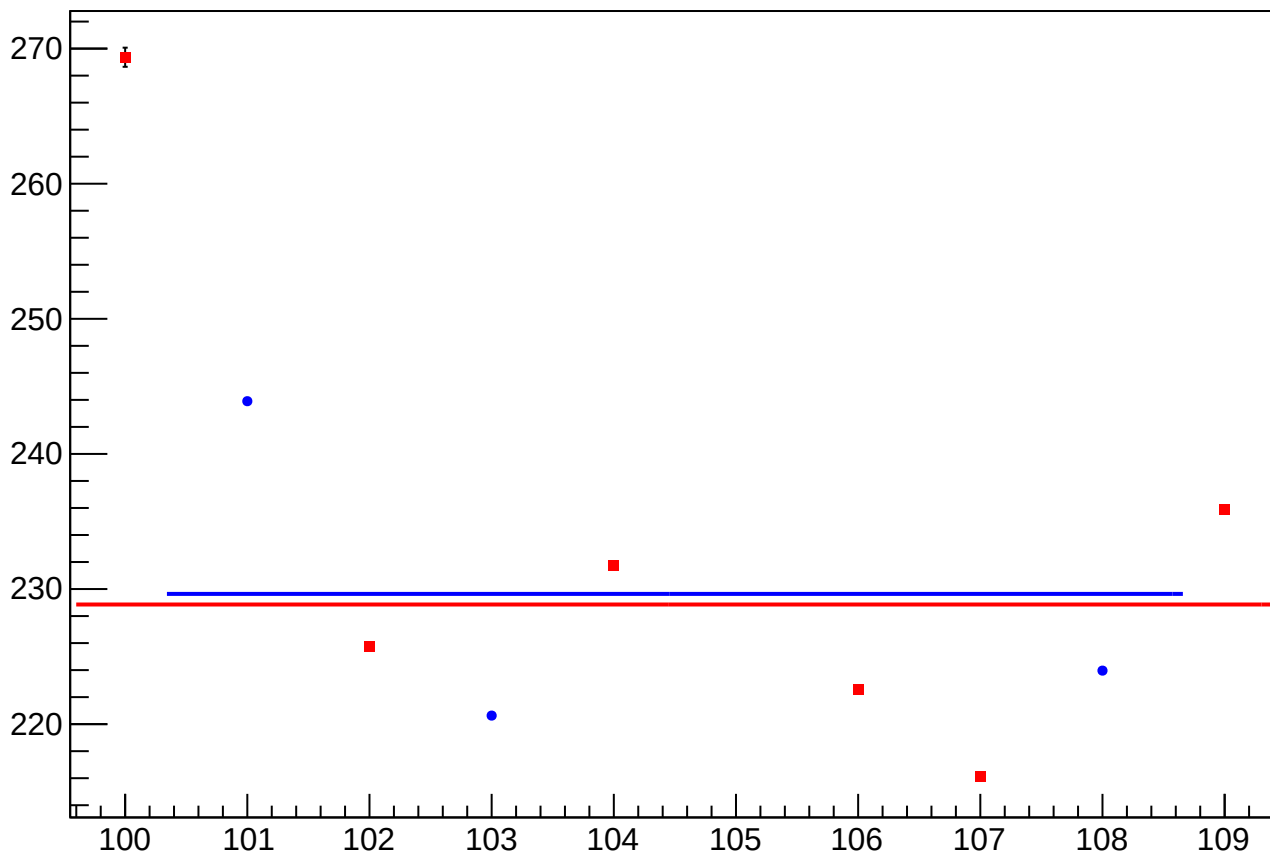
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.117 $\pm$ 115.796 χ^2 /NDF: 18.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_dd_rms vs Slug



Right In: 229.640 $\pm$ 0.127 χ^2 /NDF: 6977.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.855 $\pm$ 0.107 χ^2 /NDF: 6718.9/5

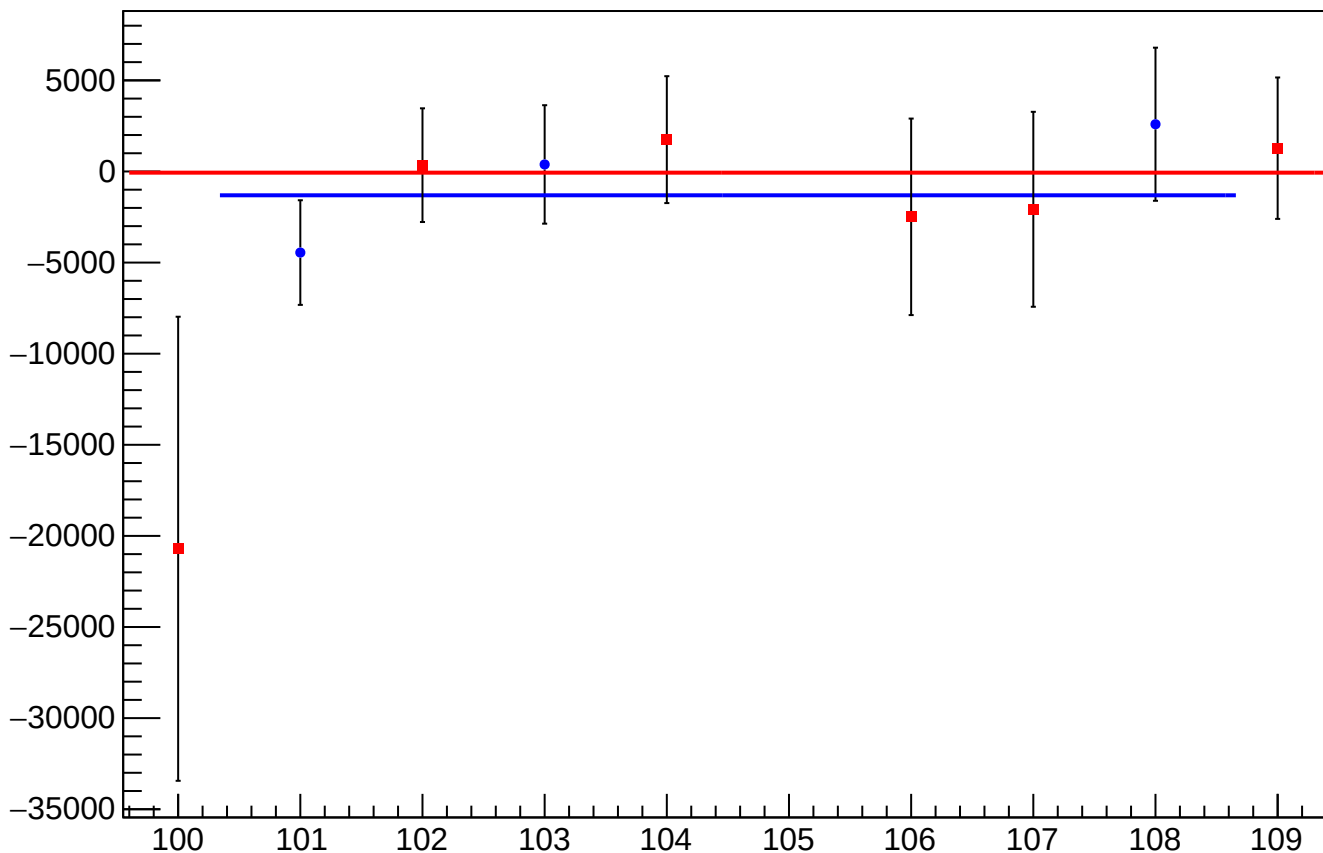
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.184 $\pm$ 0.082 χ^2 /NDF: 13718.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_mean vs Slug



Right In: -1307.456+/-1915.284 χ^2 /NDF: 2.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -65.393+/-1748.415 χ^2 /NDF: 3.4/5

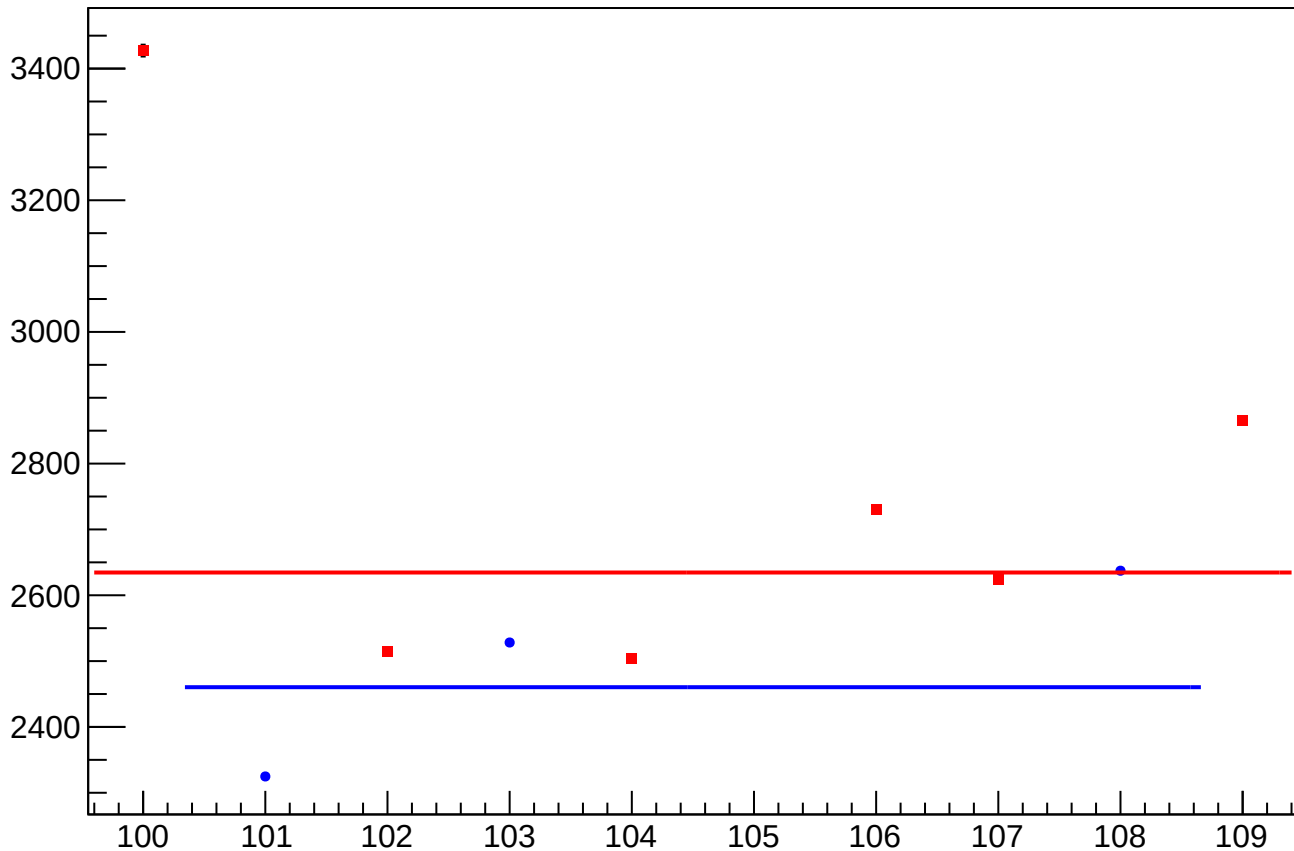
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -629.970+/-1291.287 χ^2 /NDF: 5.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2460.364 $\pm$ 1.354 χ^2 /NDF: 8879.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2634.566 $\pm$ 1.236 χ^2 /NDF: 21217.3/5

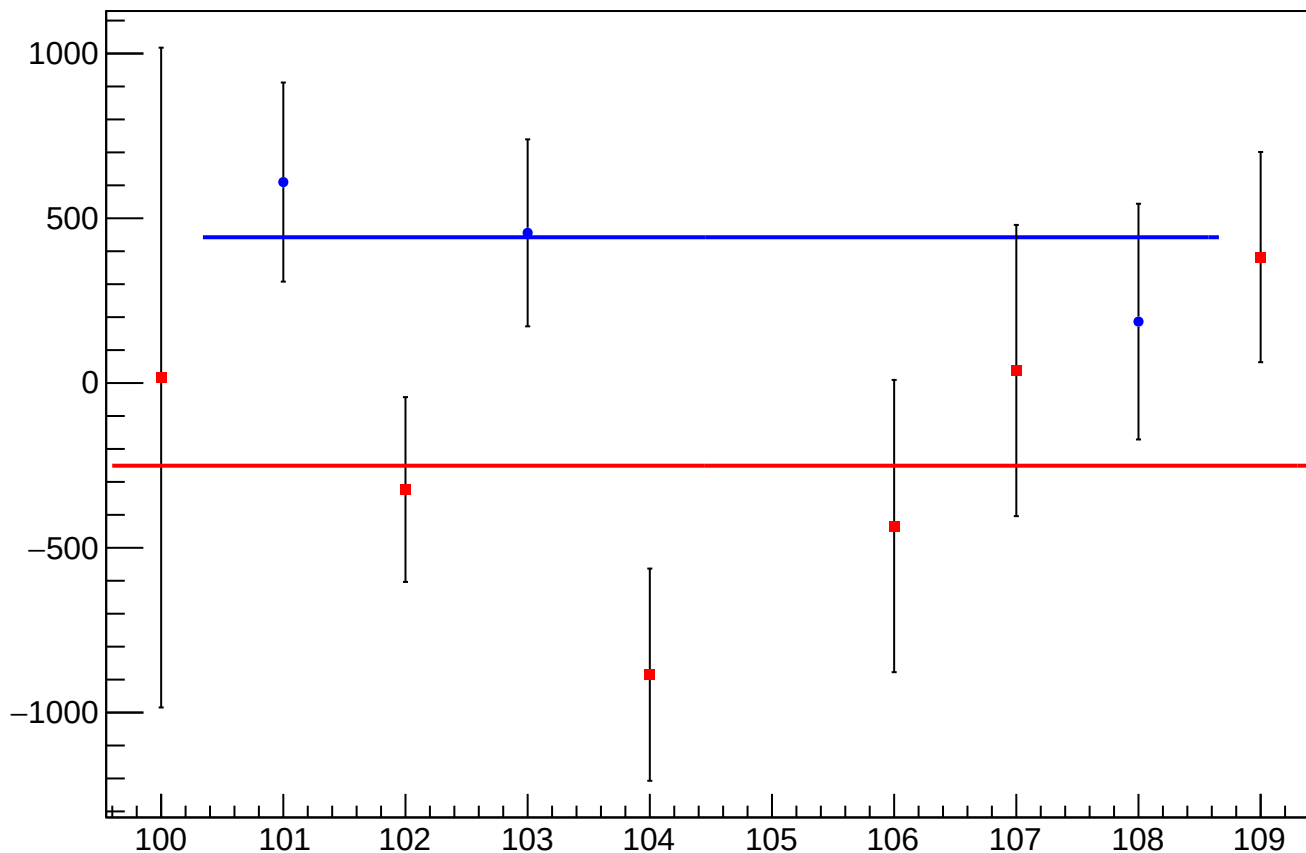
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2555.383 $\pm$ 0.913 χ^2 /NDF: 39121.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 442.441 $\pm$ 179.050 χ^2 /NDF: 0.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -250.852 $\pm$ 151.818 χ^2 /NDF: 8.6/5

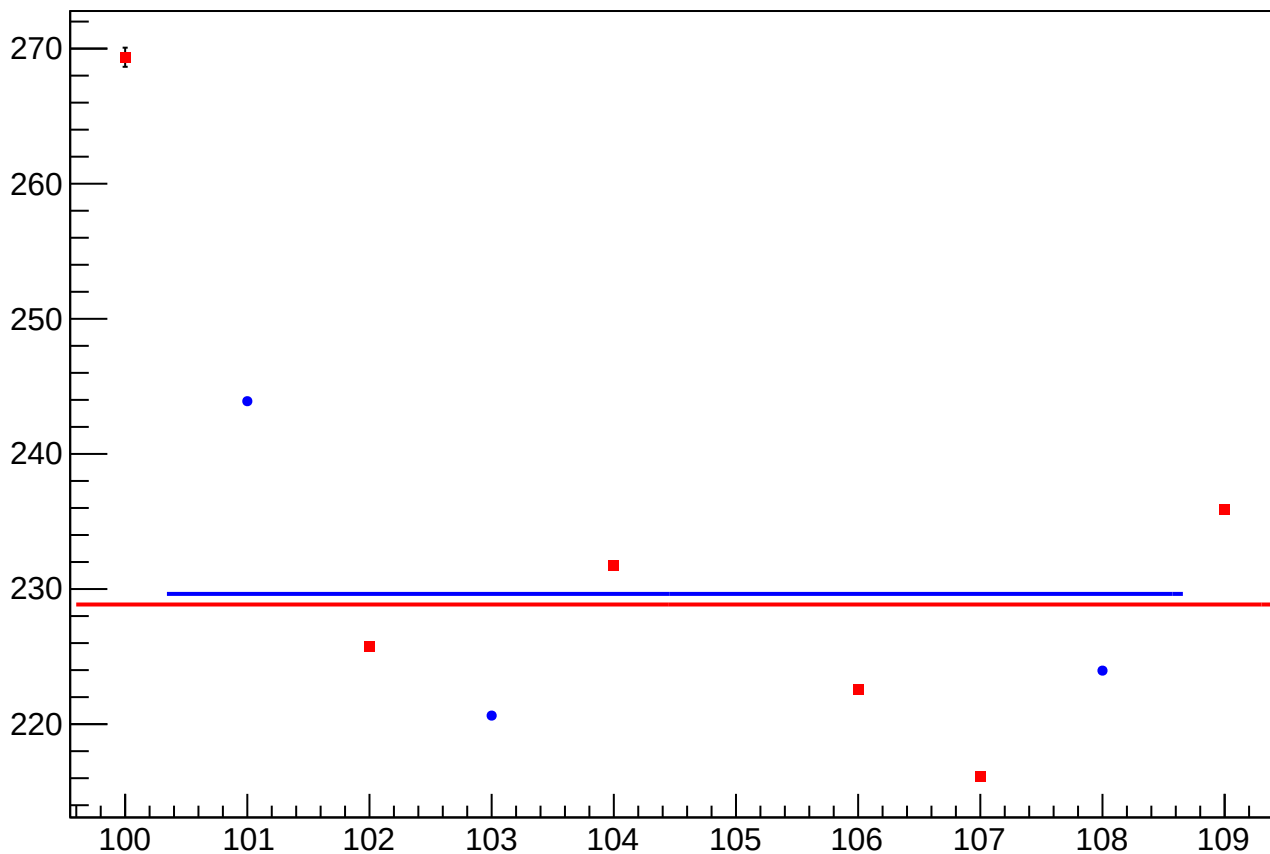
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.117 $\pm$ 115.796 χ^2 /NDF: 18.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 229.640 $\pm$ 0.127 χ^2 /NDF: 6977.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 228.855 $\pm$ 0.107 χ^2 /NDF: 6718.9/5

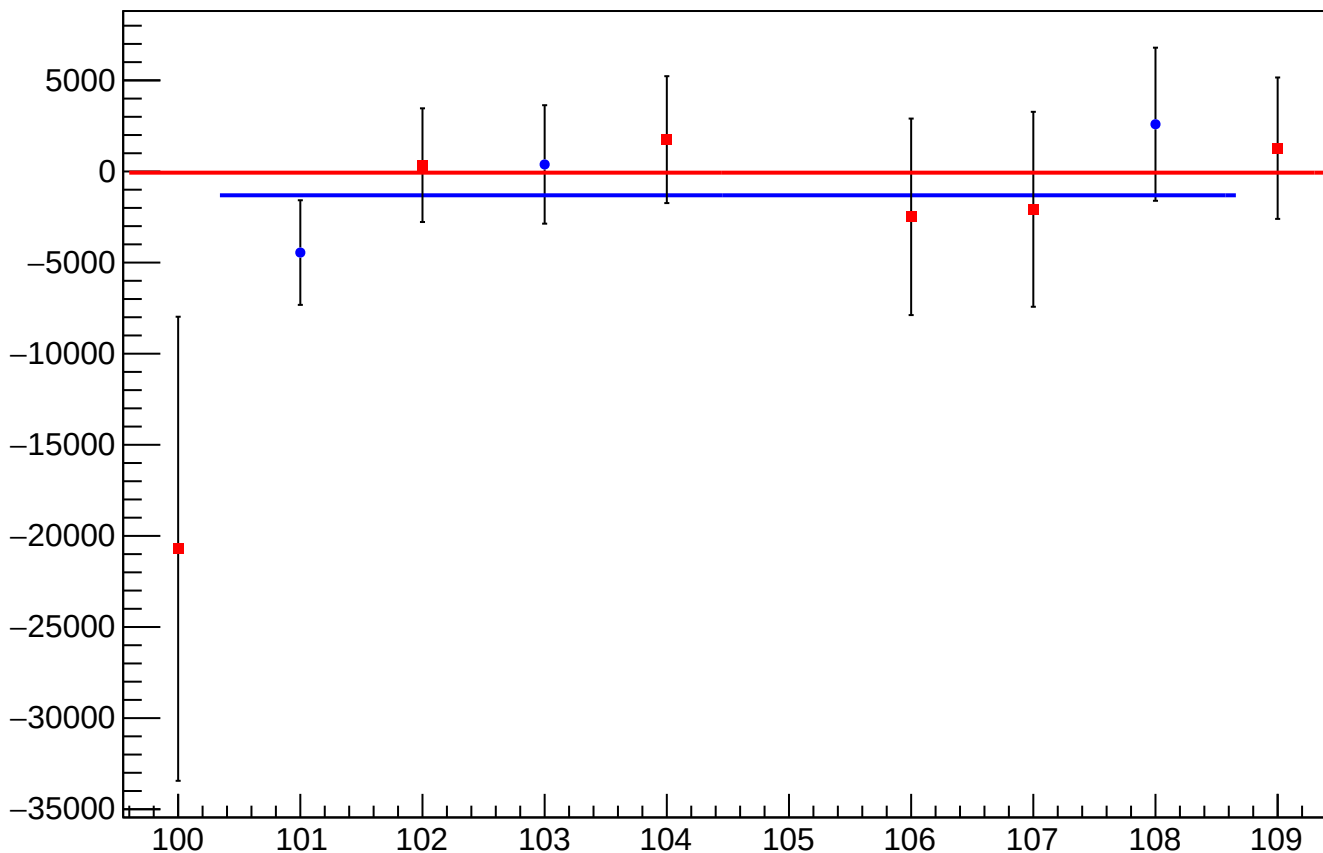
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.184 $\pm$ 0.082 χ^2 /NDF: 13718.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_mean vs Slug



Right In: -1307.456+/-1915.284 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.393+/-1748.415 χ^2/NDF : 3.4/5

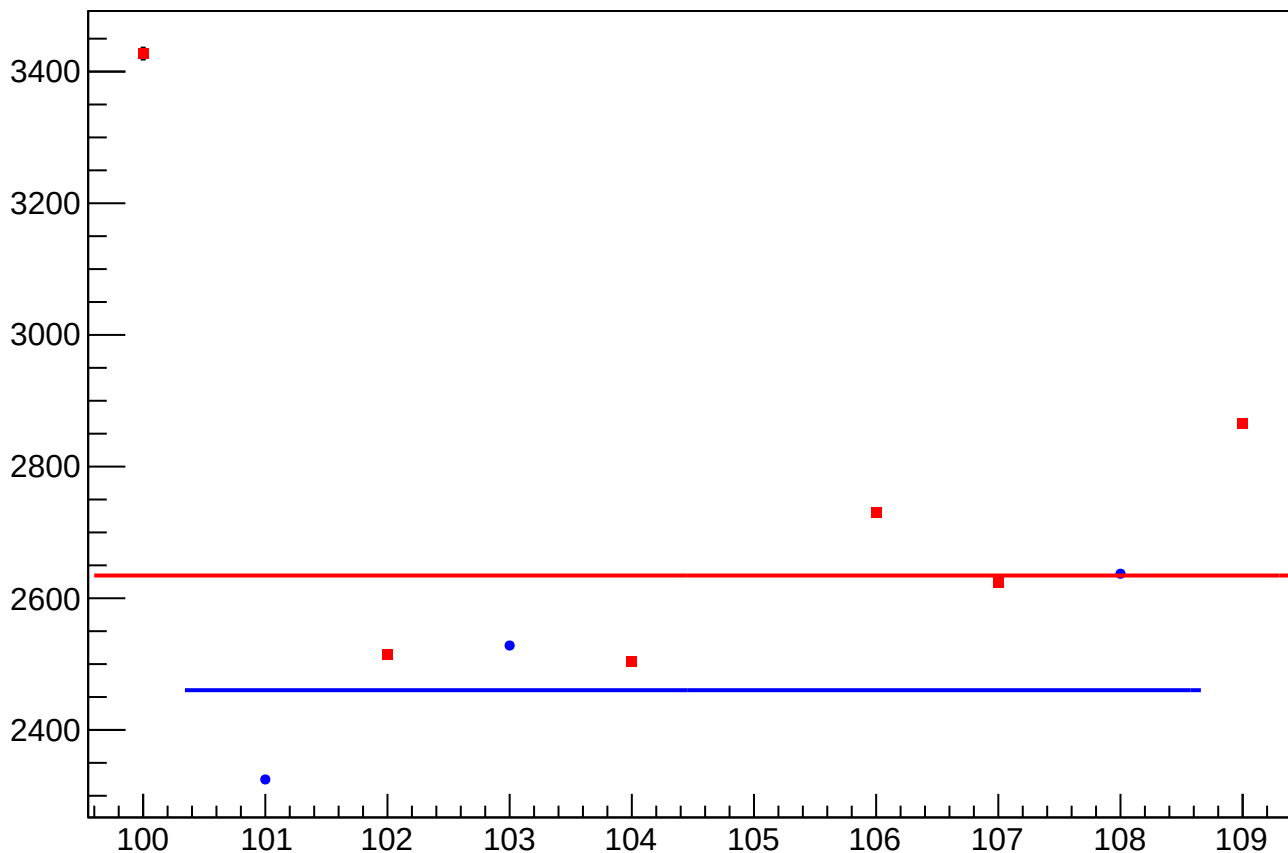
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -629.970+/-1291.287 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



Right In: 2460.364 $\pm$ 1.354 χ^2 /NDF: 8879.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2634.566 $\pm$ 1.236 χ^2 /NDF: 21217.3/5

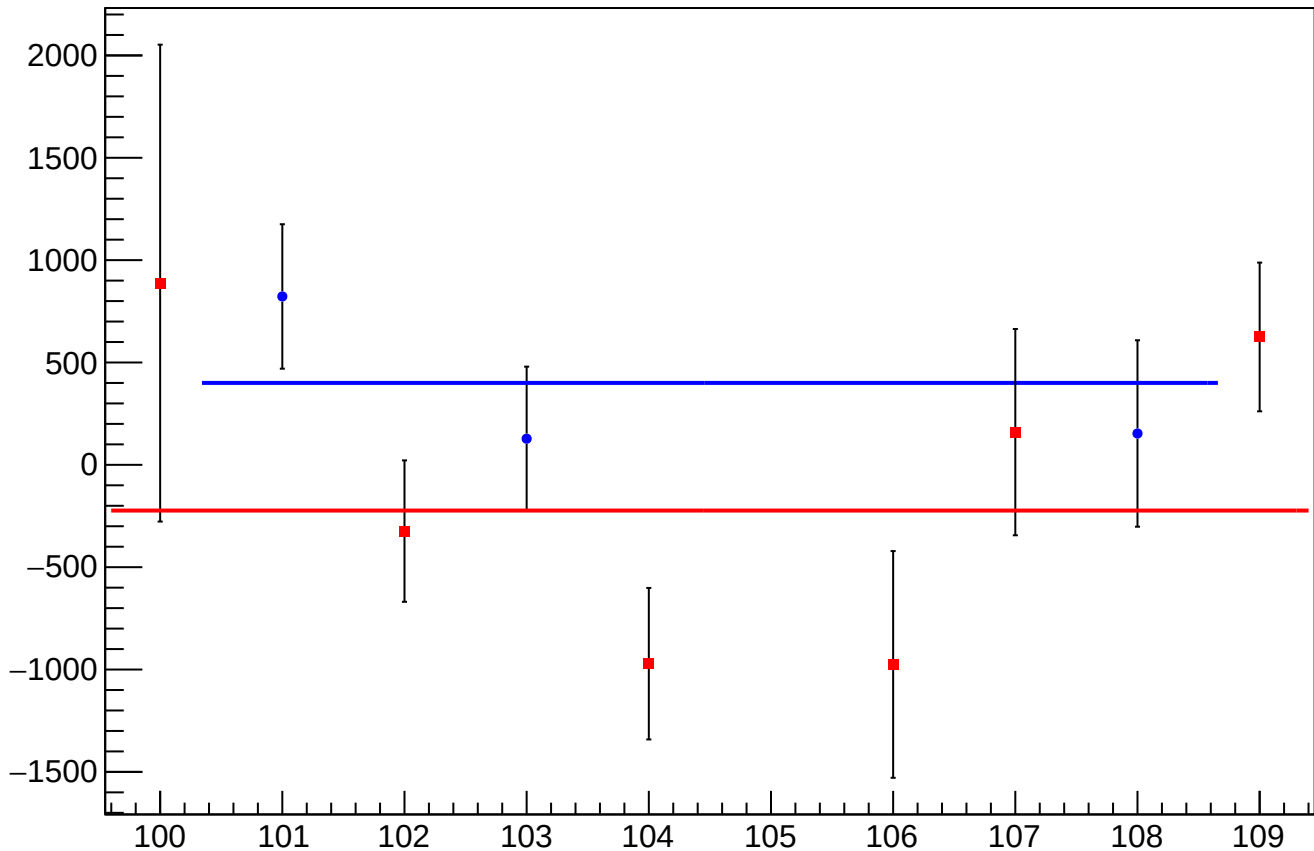
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2555.383 $\pm$ 0.913 χ^2 /NDF: 39121.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_mean vs Slug



Right In: 400.304 $\pm$ 218.637 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -223.348 $\pm$ 179.044 χ^2 /NDF: 13.0/5

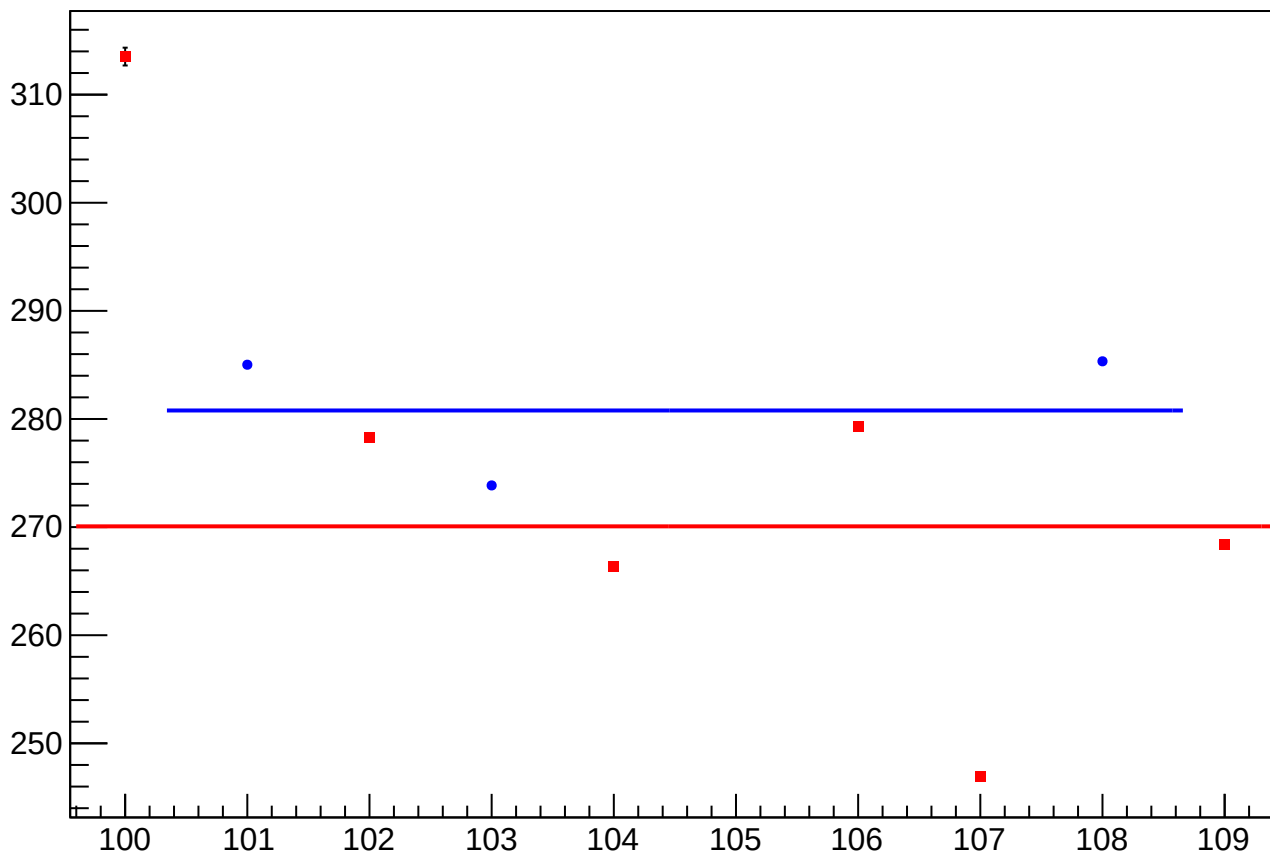
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.996 $\pm$ 138.523 χ^2 /NDF: 20.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



Right In: 280.787 ± 0.155 $\chi^2/\text{NDF}: 1262.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 270.069 ± 0.127 $\chi^2/\text{NDF}: 8954.8/5$

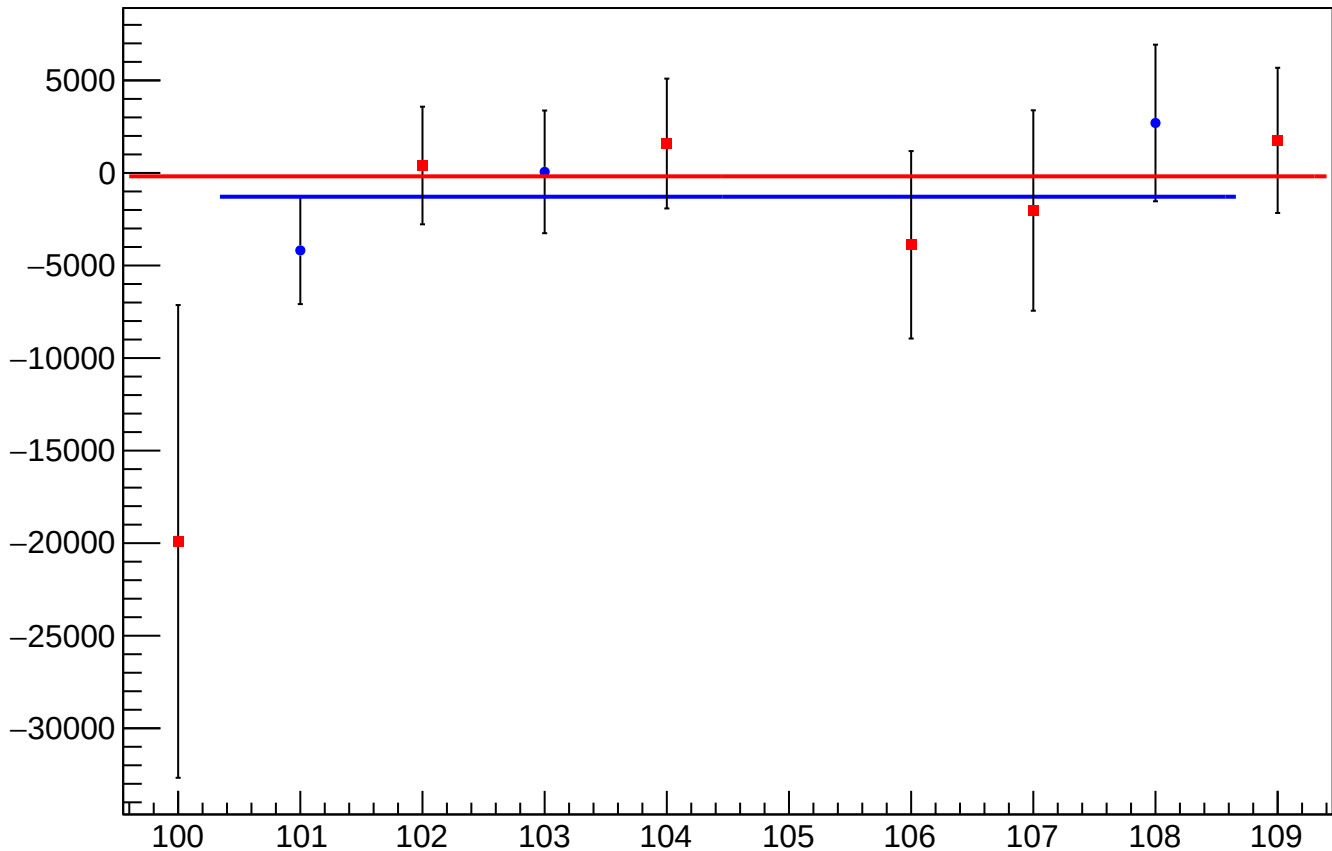
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 274.371 ± 0.098 $\chi^2/\text{NDF}: 13094.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_26_dd_dit_correction_mean vs Slug



Right In: -1284.478+/-1939.406 χ^2 /NDF: 2.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -182.762+/-1754.976 χ^2 /NDF: 3.6/5

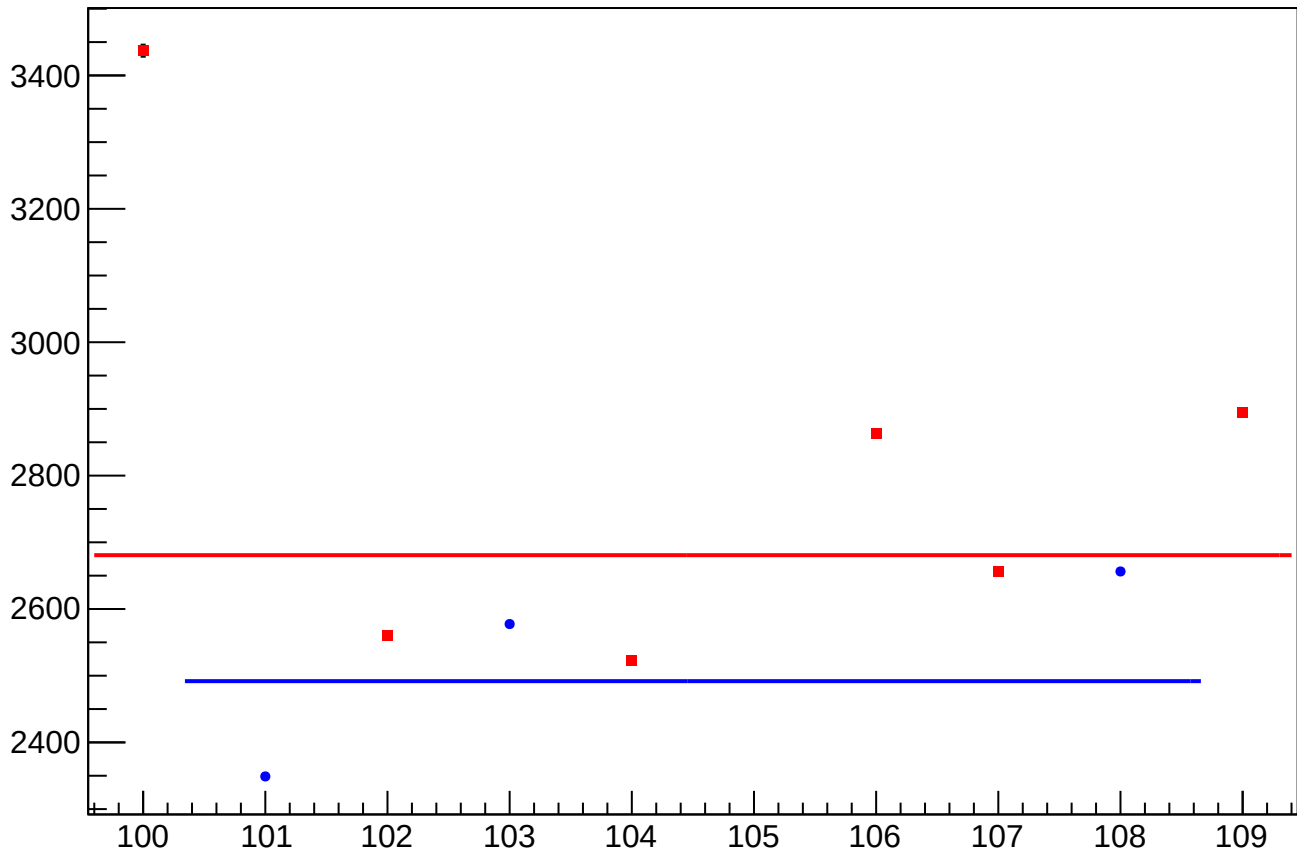
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -678.757+/-1301.286 χ^2 /NDF: 5.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2491.821+/-1.371 χ^2/NDF : 9211.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2680.721+/-1.241 χ^2/NDF : 22572.9/5

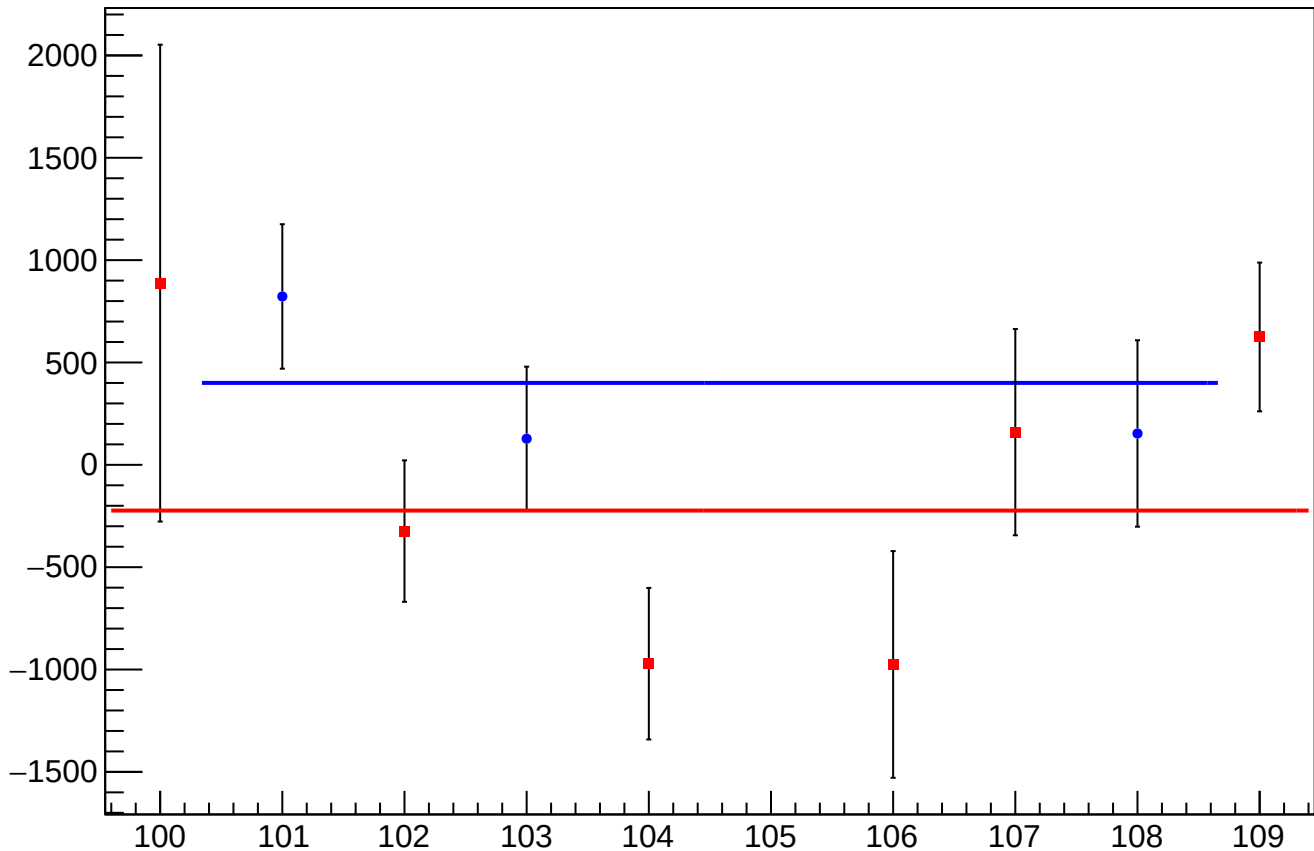
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2595.678+/-0.920 χ^2/NDF : 42215.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 400.300 $\pm$ 218.636 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -223.347 $\pm$ 179.043 χ^2 /NDF: 13.0/5

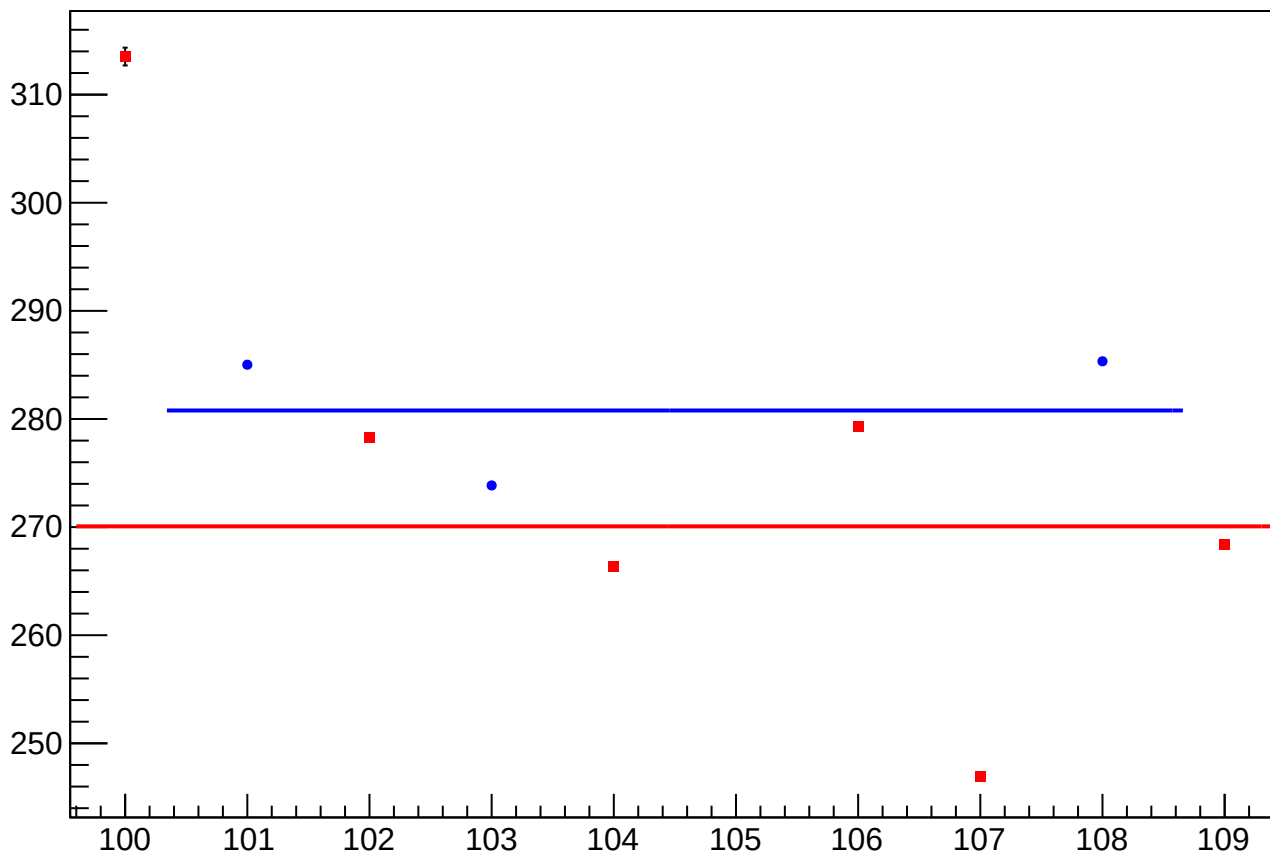
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.995 $\pm$ 138.522 χ^2 /NDF: 20.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 280.786 $\pm$ 0.155 χ^2 /NDF: 1262.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 270.068 $\pm$ 0.127 χ^2 /NDF: 8954.6/5

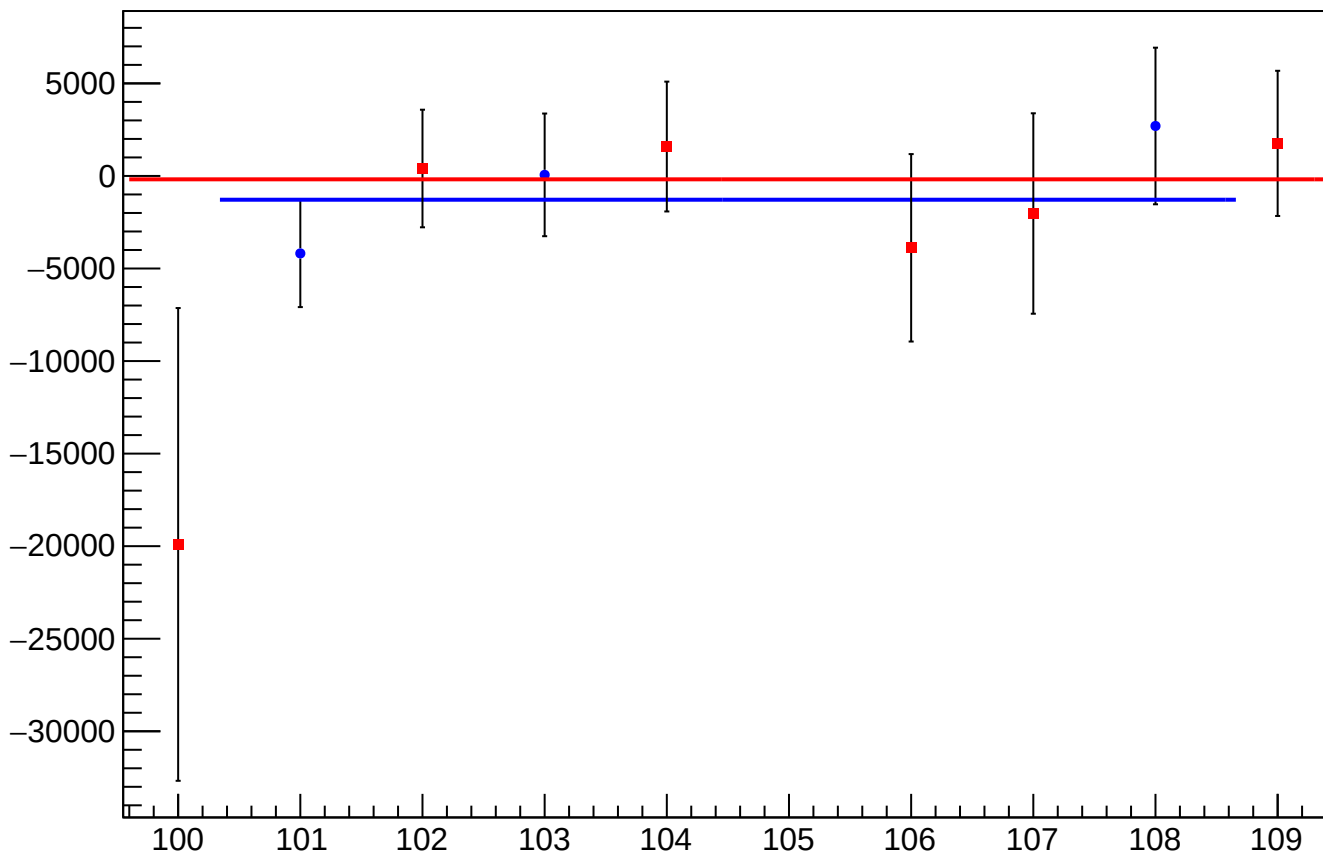
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 274.371 $\pm$ 0.098 χ^2 /NDF: 13094.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_mean vs Slug



Right In: -1284.478+/-1939.403 χ^2 /NDF: 2.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -182.759+/-1754.971 χ^2 /NDF: 3.6/5

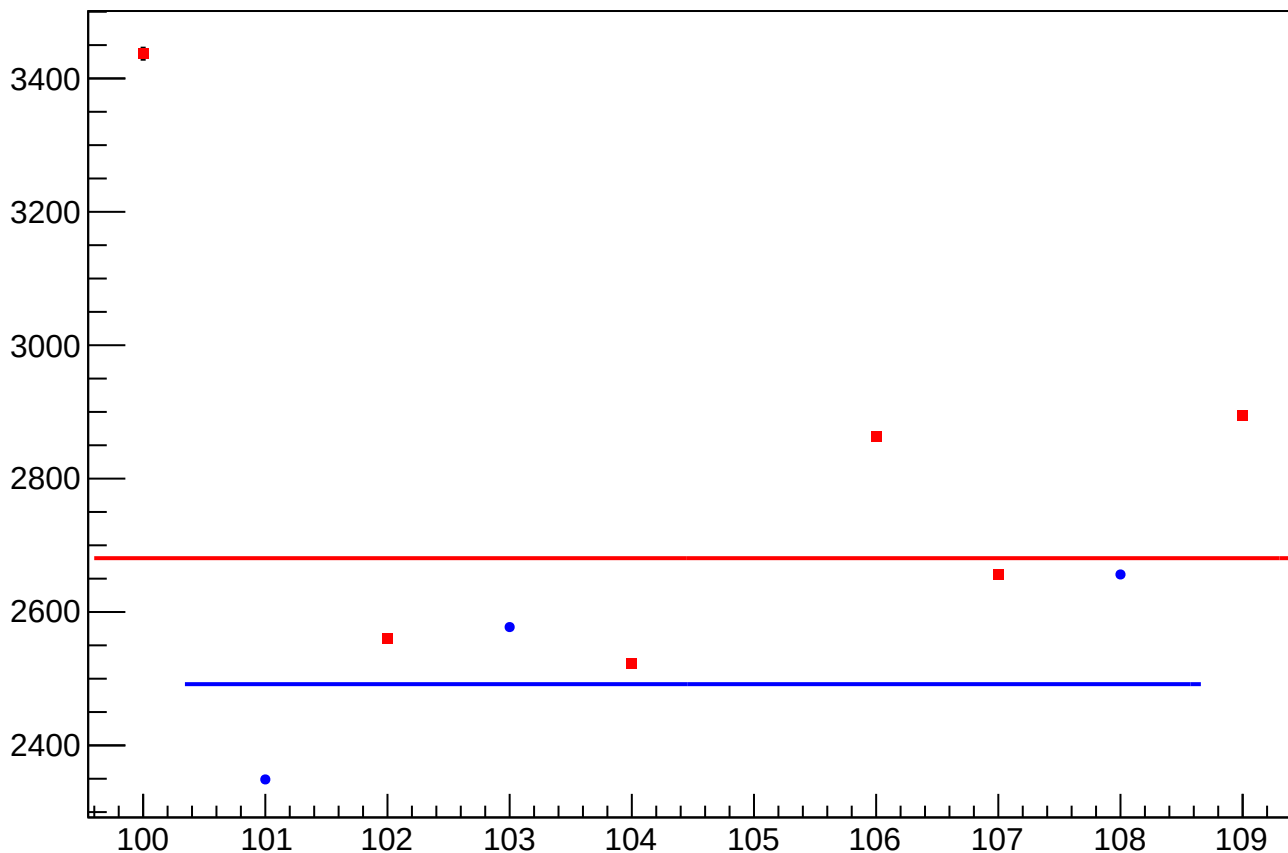
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -678.755+/-1301.283 χ^2 /NDF: 5.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2491.817+/-1.371 χ^2/NDF : 9210.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2680.714+/-1.241 χ^2/NDF : 22573.3/5

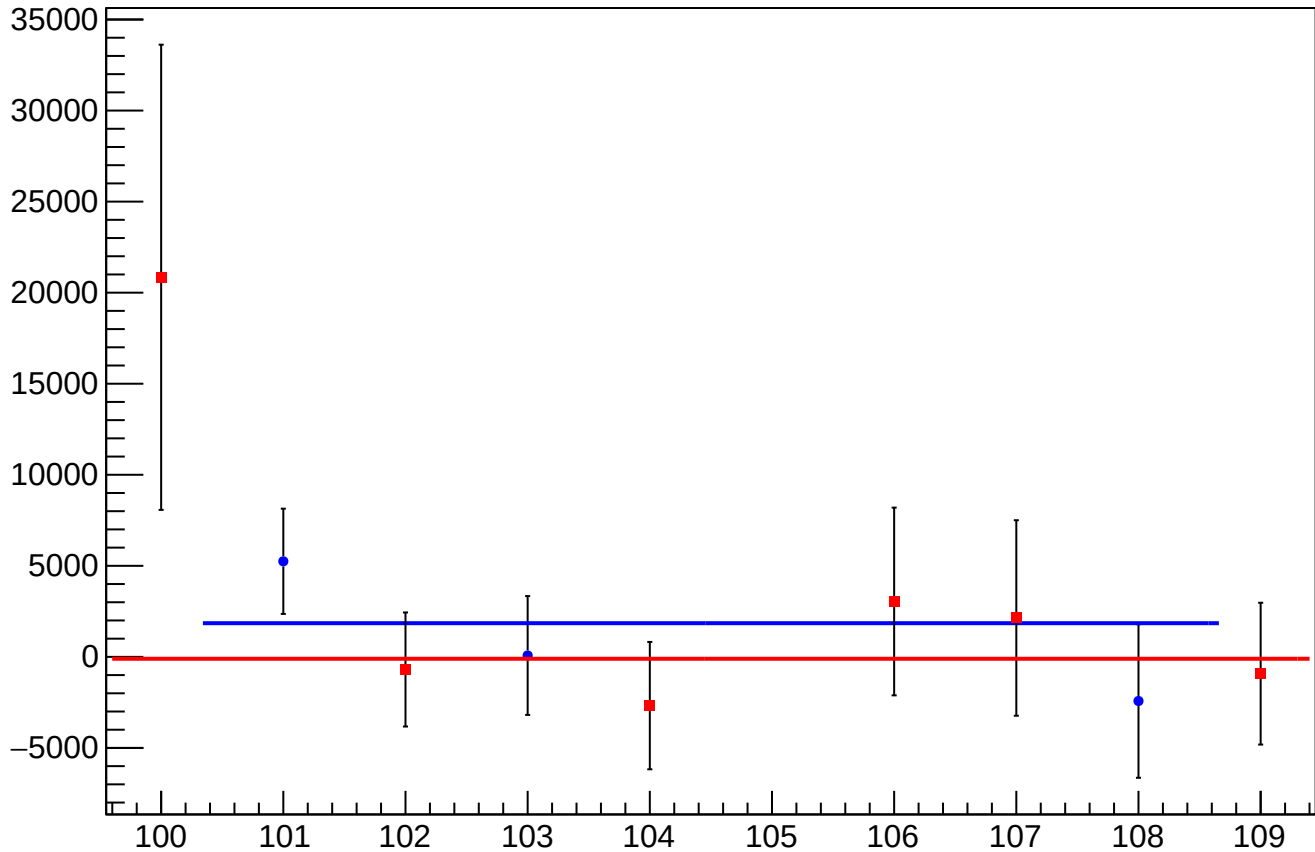
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2595.672+/-0.920 χ^2/NDF : 42215.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 1850.022+/-1924.764 χ^2/NDF : 2.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.243+/-1745.676 χ^2/NDF : 3.9/5

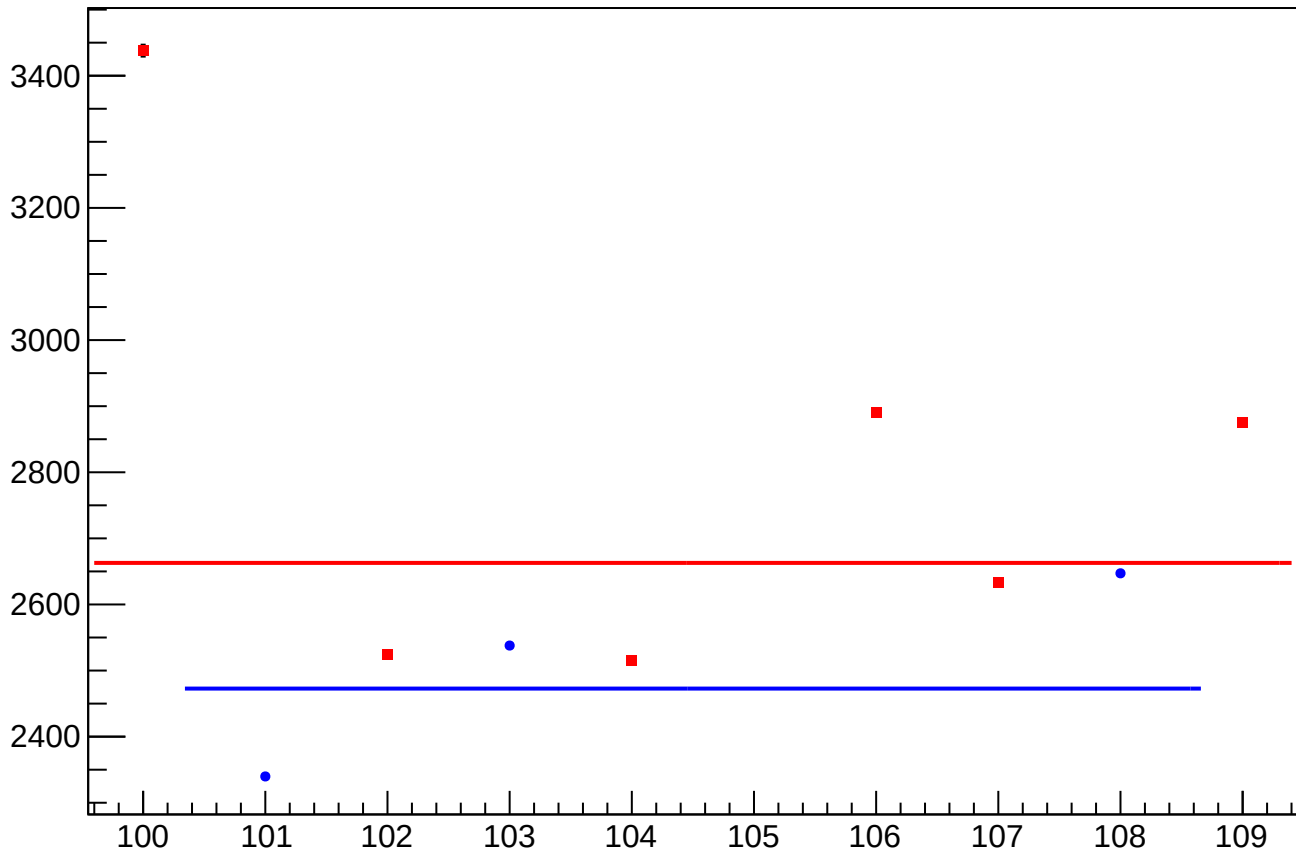
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.312+/-1293.069 χ^2/NDF : 7.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



Right In: 2472.737 $\pm$ 1.361 χ^2 /NDF: 8450.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2662.885 $\pm$ 1.234 χ^2 /NDF: 24787.6/5

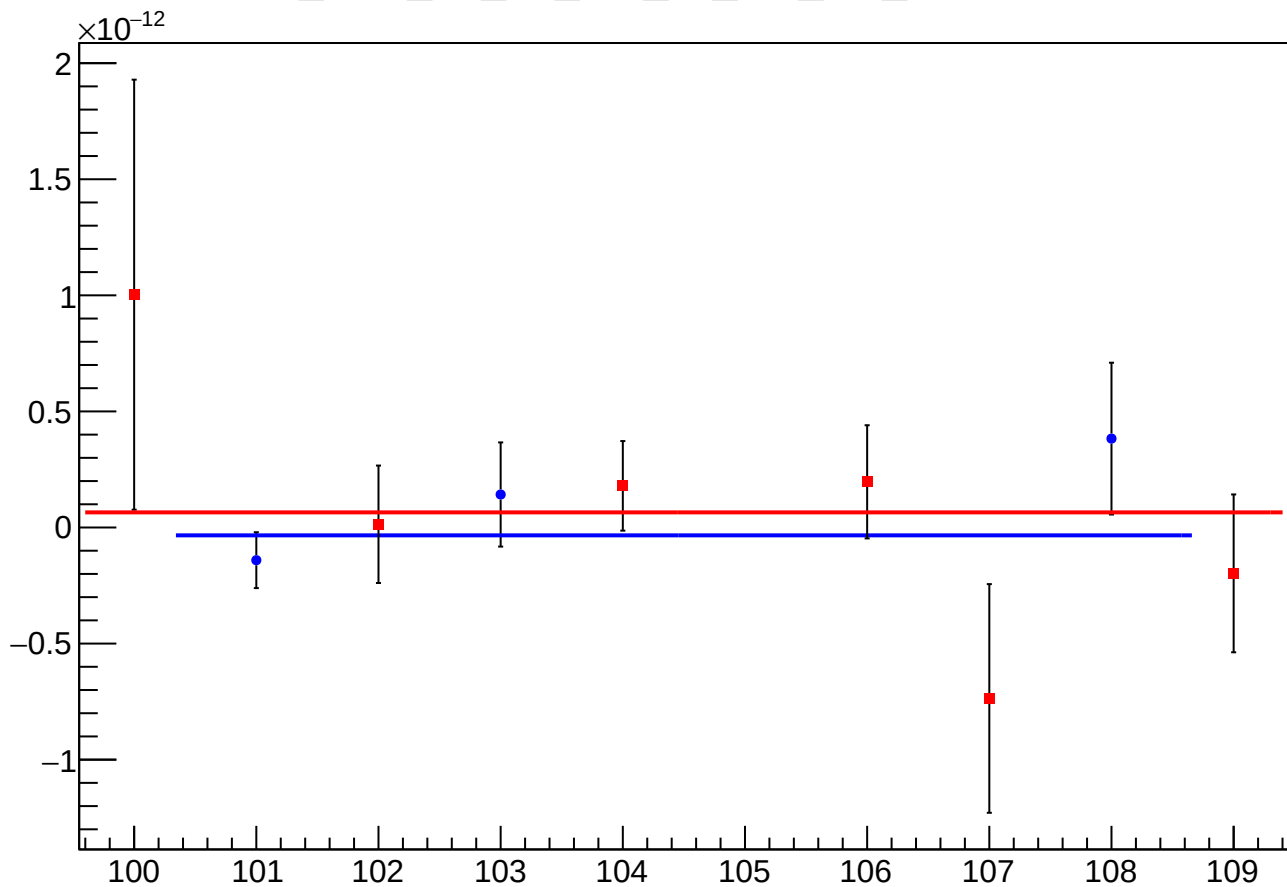
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2577.067 $\pm$ 0.914 χ^2 /NDF: 43947.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/5

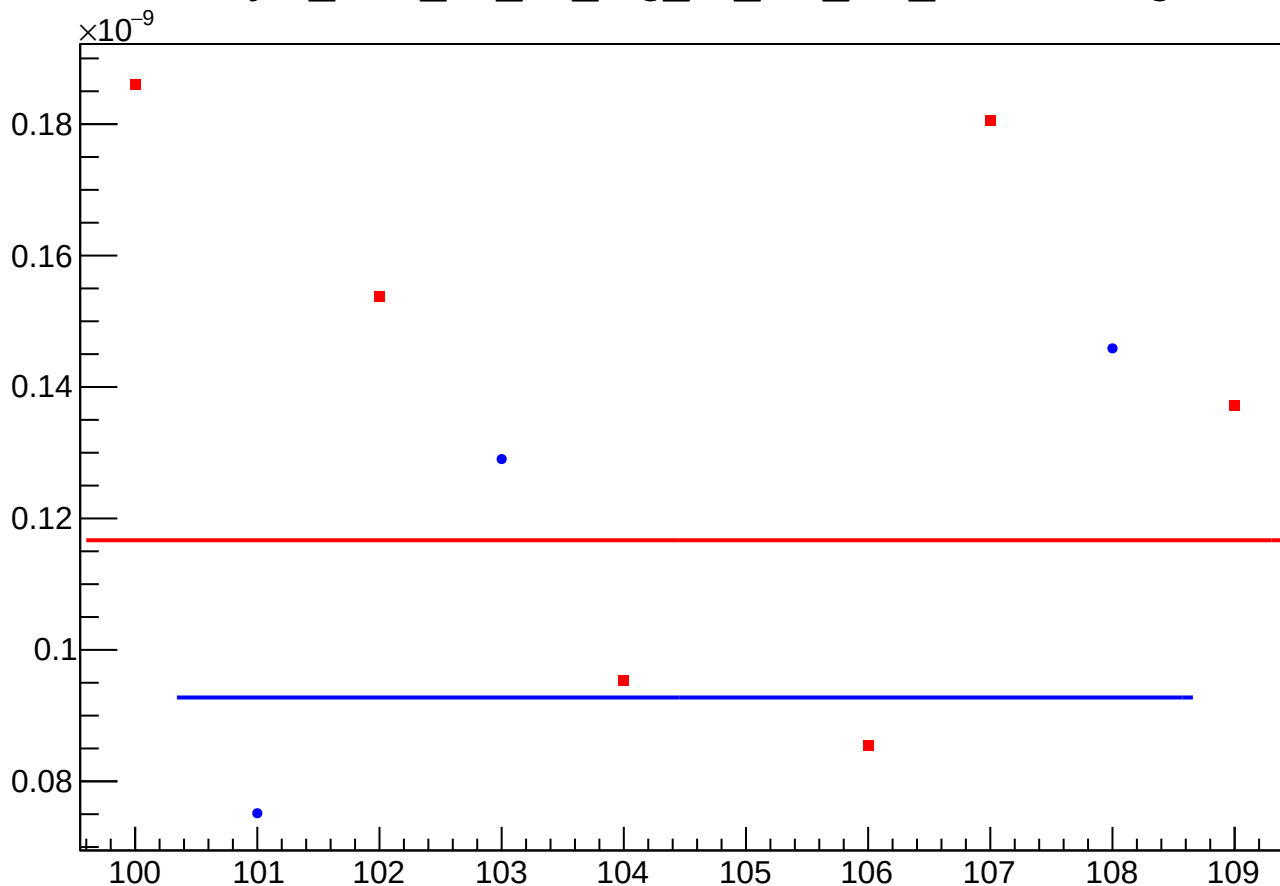
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 147993.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 152623.4/5

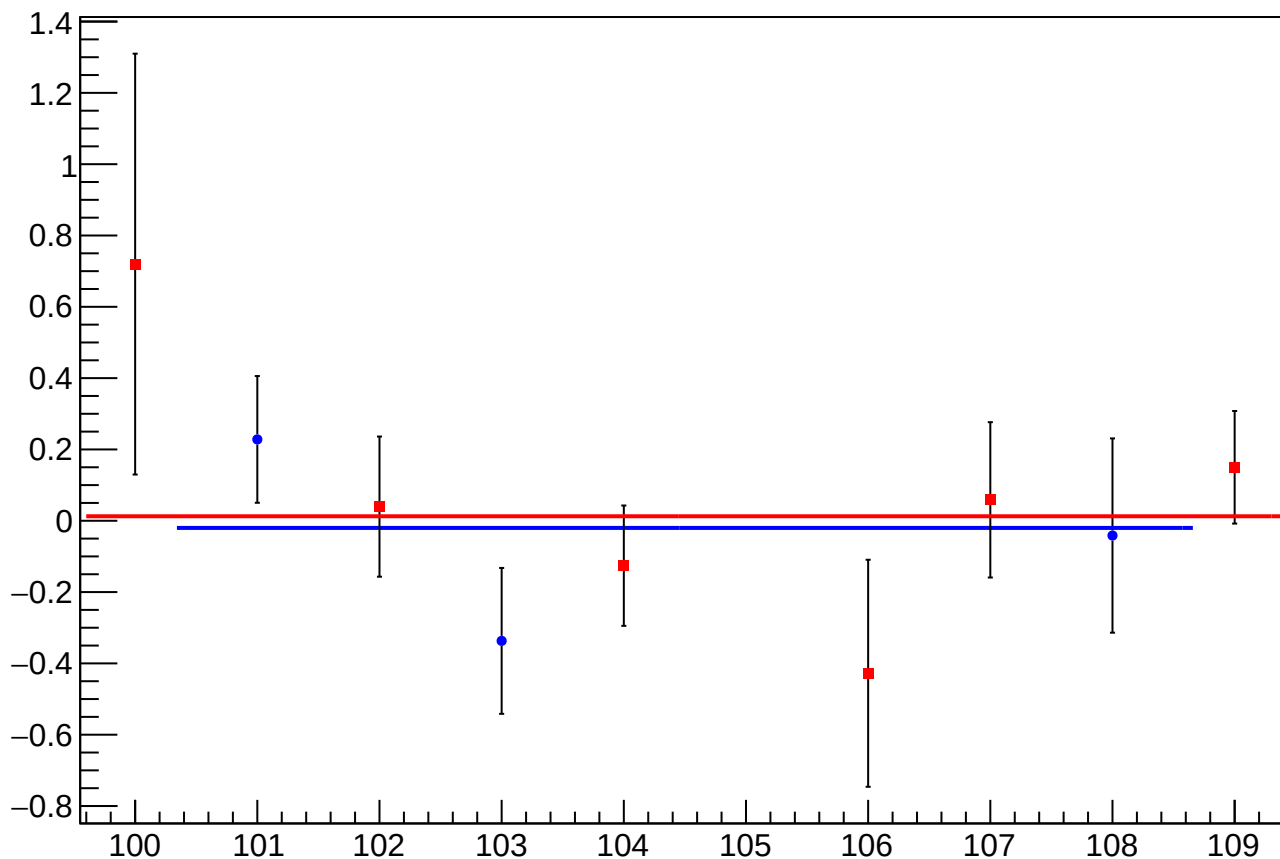
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 348694.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.020+/-0.120 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.086 χ^2/NDF : 4.8/5

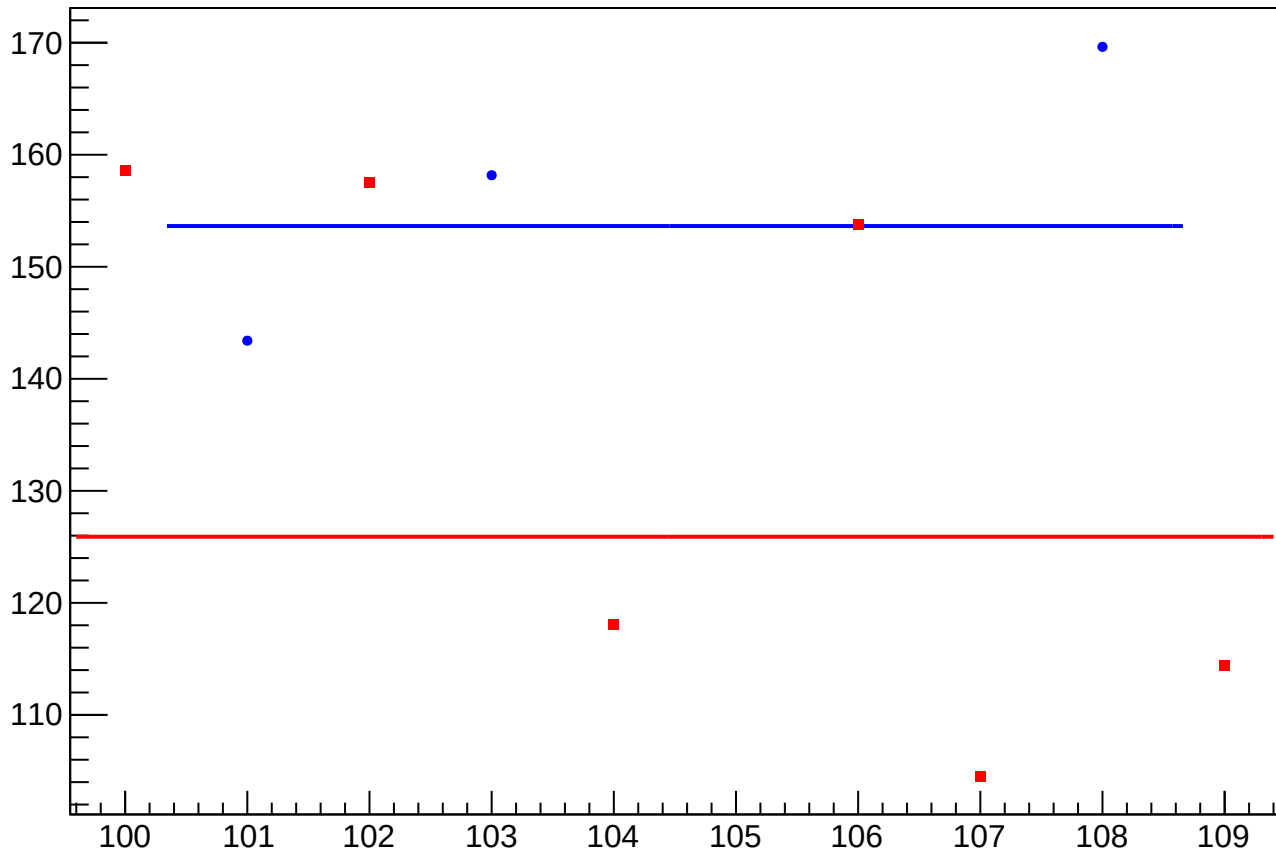
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.070 χ^2/NDF : 9.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 153.636 $\pm$ 0.085 χ^2 /NDF: 14508.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.904 $\pm$ 0.061 χ^2 /NDF: 107208.9/5

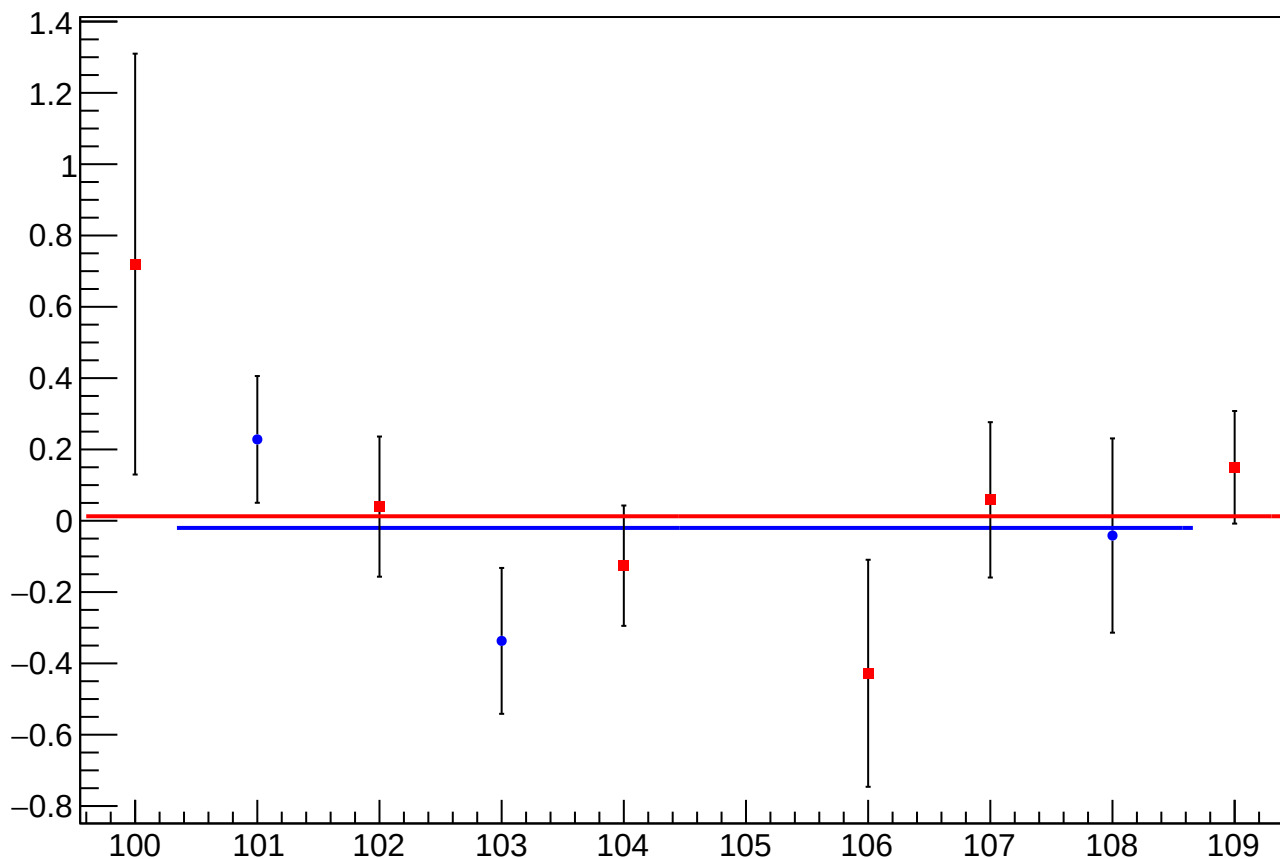
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.289 $\pm$ 0.050 χ^2 /NDF: 191960.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020+/-0.120 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.086 χ^2/NDF : 4.8/5

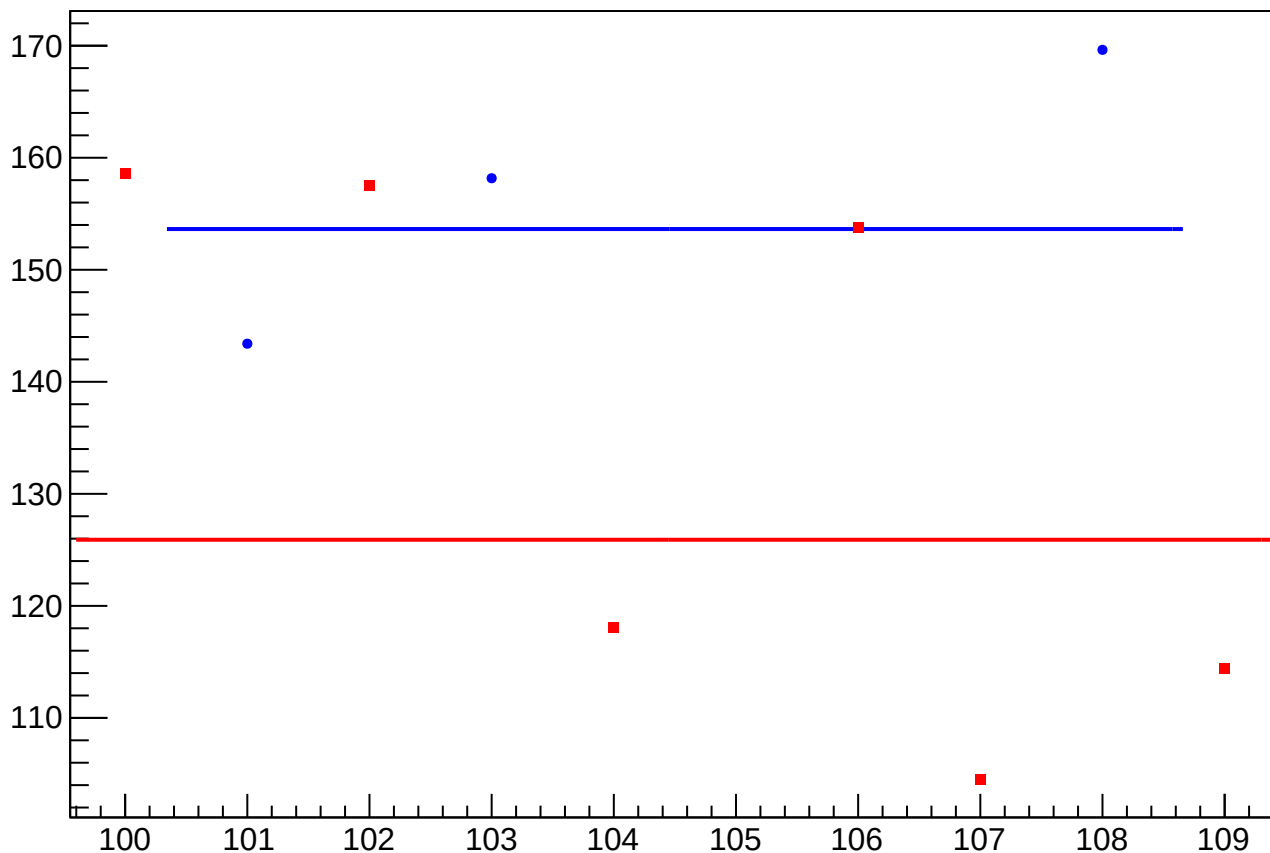
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.070 χ^2/NDF : 9.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 153.636 $\pm$ 0.085 χ^2 /NDF: 14508.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.904 $\pm$ 0.061 χ^2 /NDF: 107208.9/5

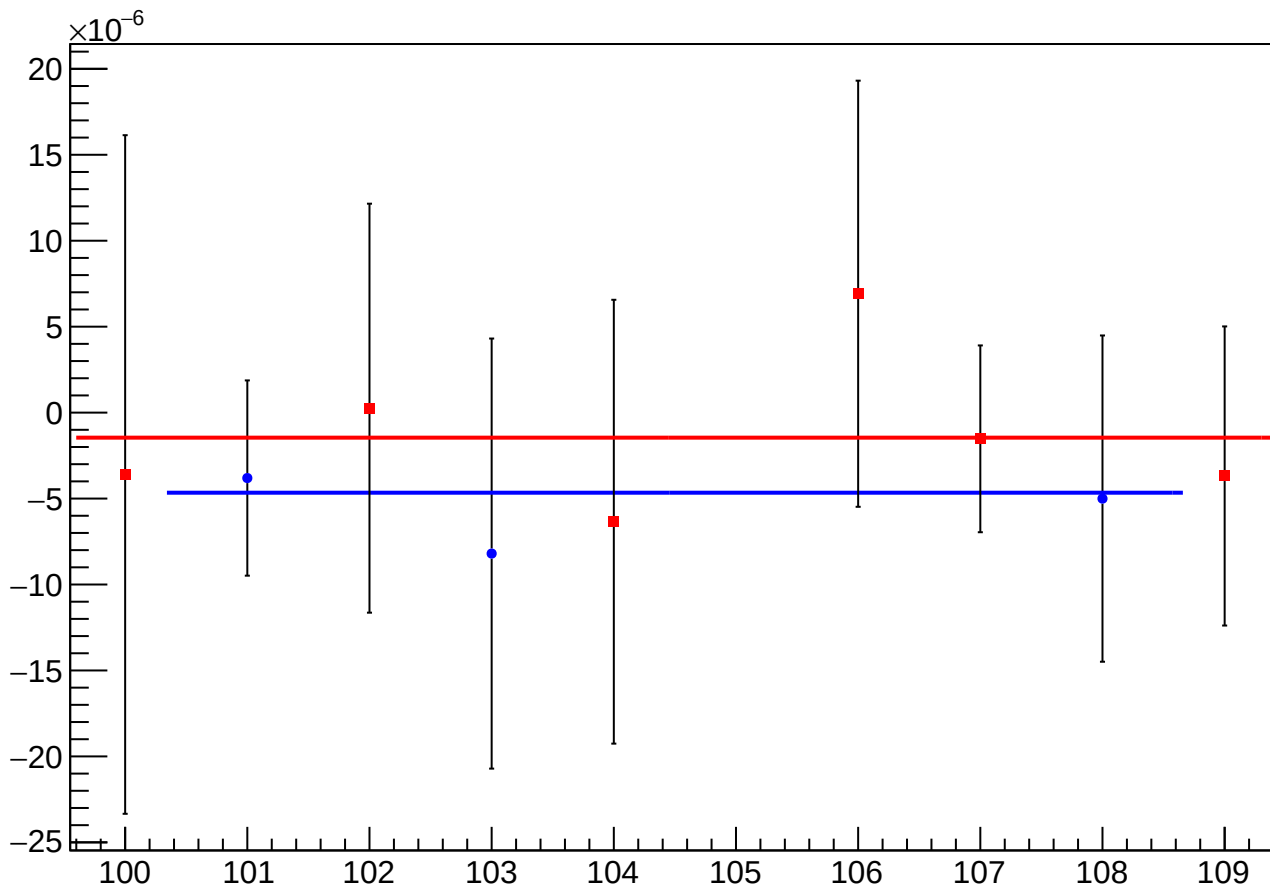
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.289 $\pm$ 0.050 χ^2 /NDF: 191960.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 0.7/5

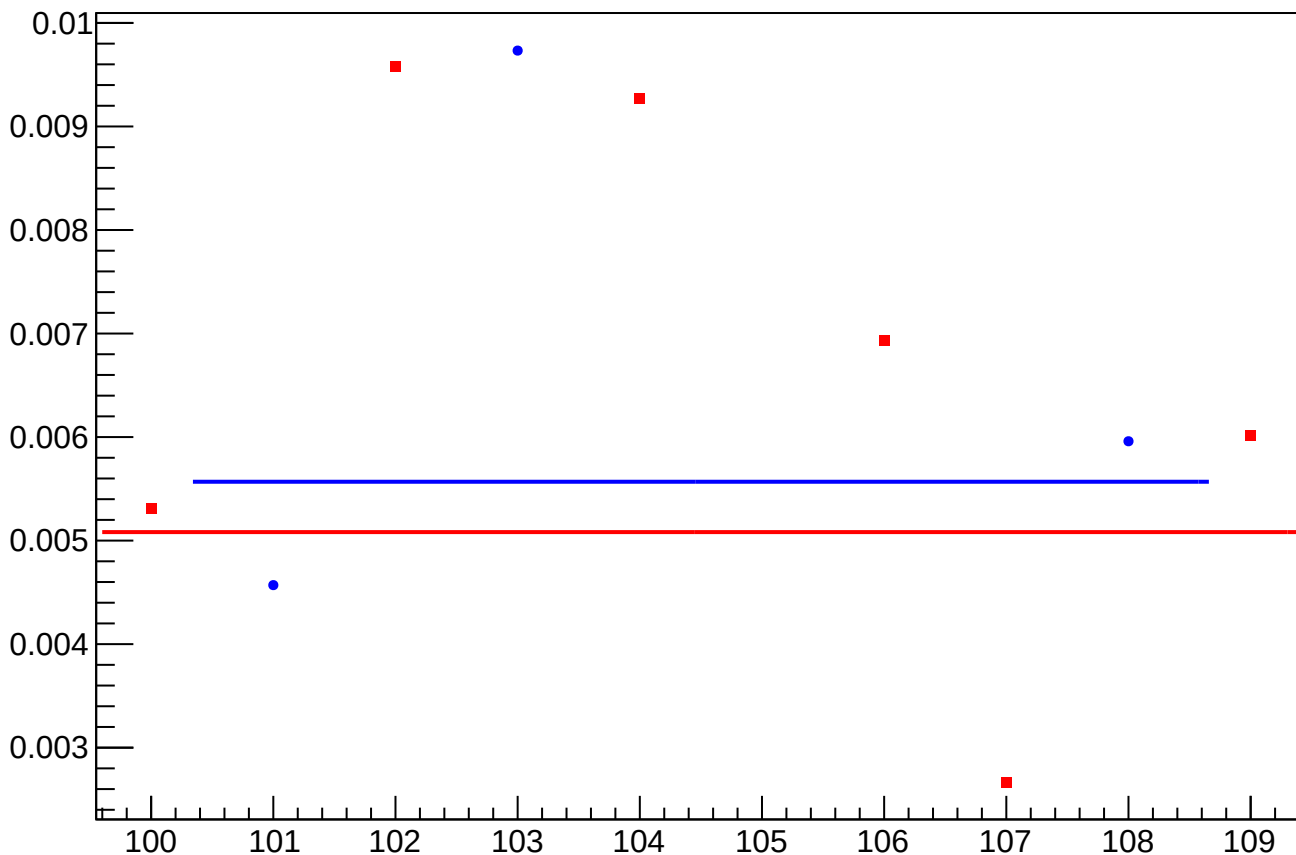
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 1.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 286825.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 960252.5/5

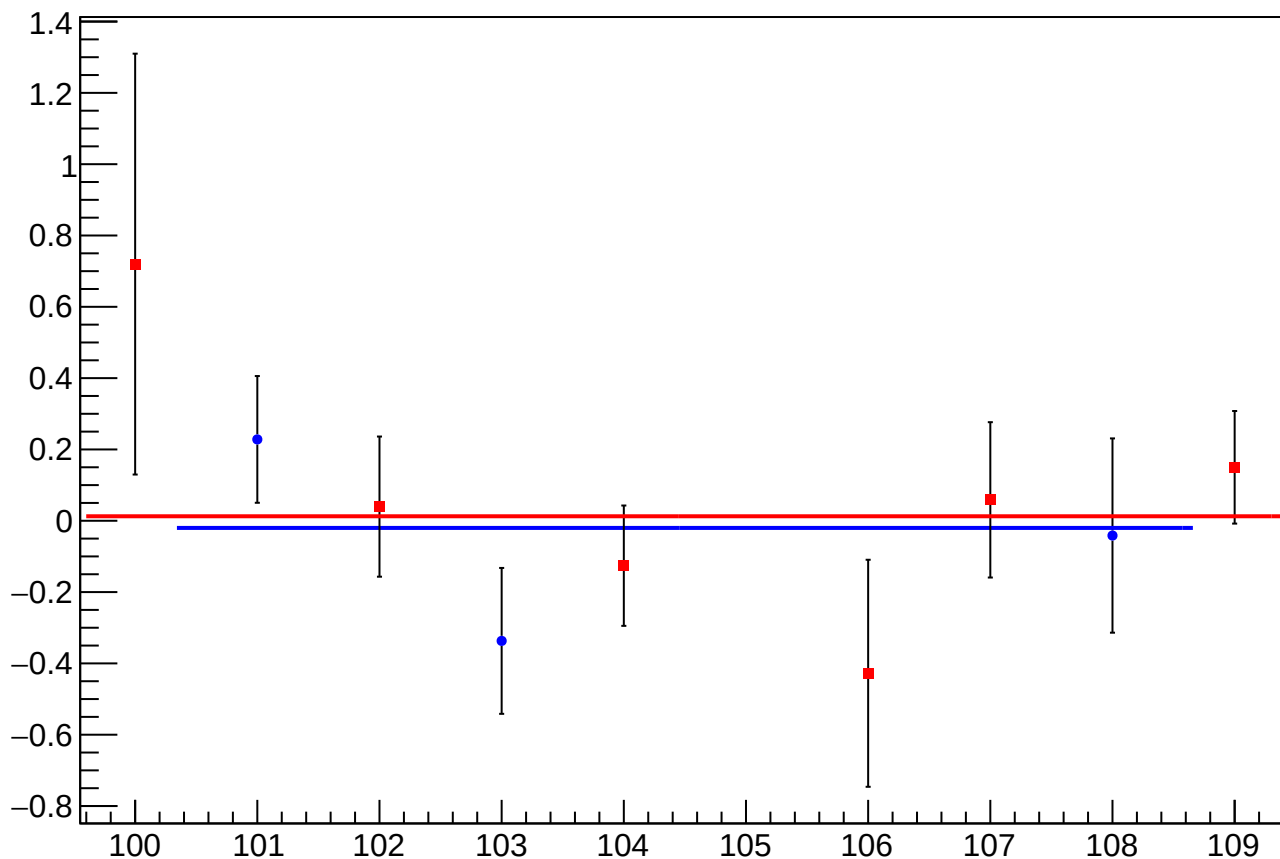
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1260568.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.020+/-0.120 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.086 χ^2/NDF : 4.8/5

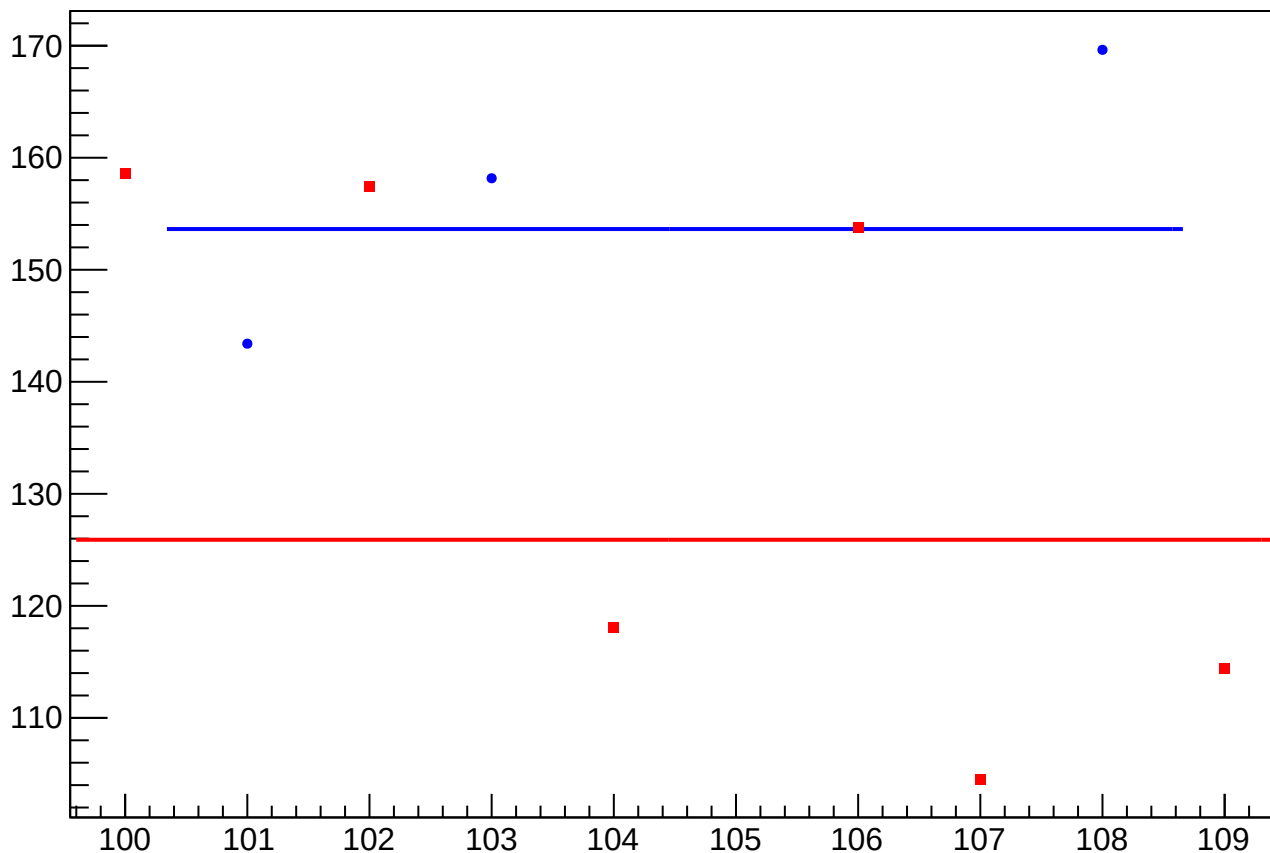
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.070 χ^2/NDF : 9.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 153.635 $\pm$ 0.085 χ^2 /NDF: 14507.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.902 $\pm$ 0.061 χ^2 /NDF: 107211.6/5

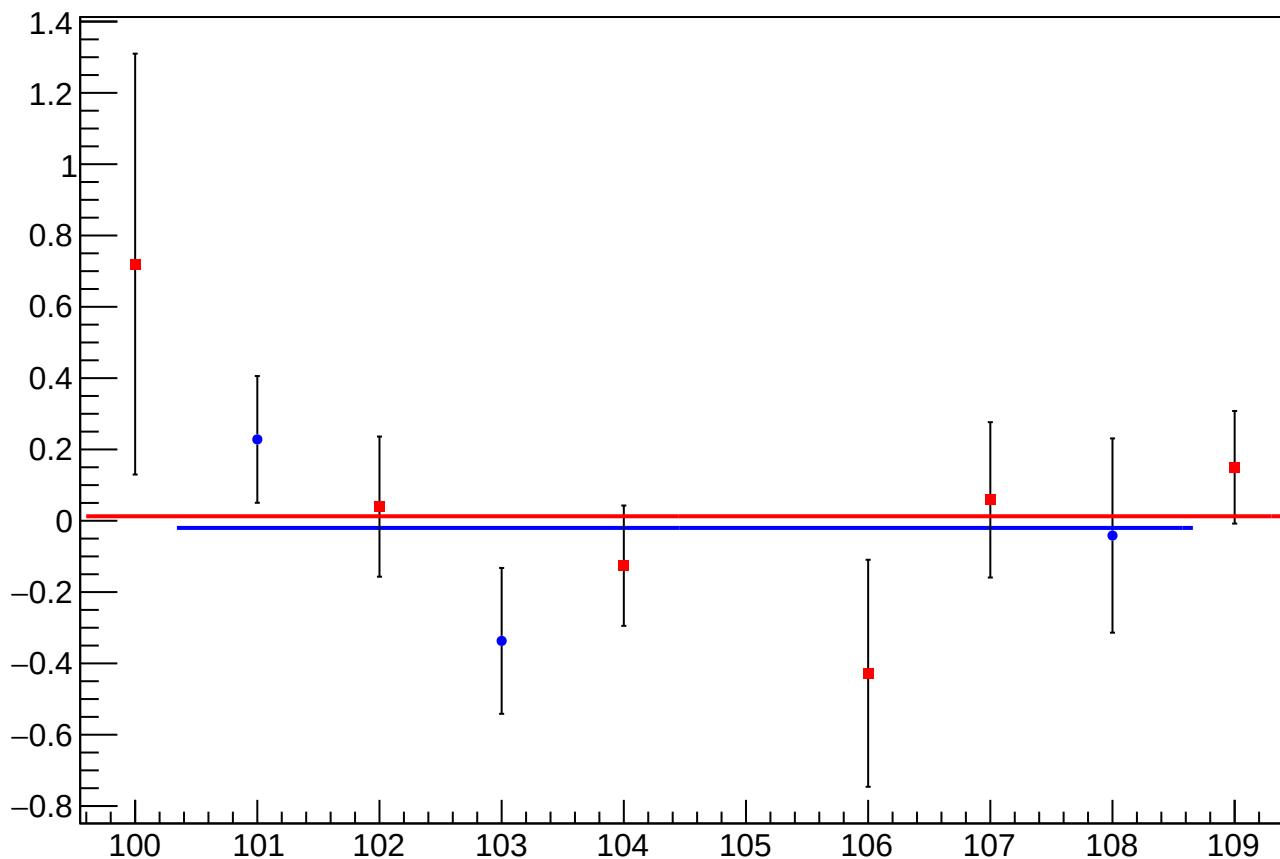
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.287 $\pm$ 0.050 χ^2 /NDF: 191967.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020+/-0.120 χ^2/NDF : 4.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.086 χ^2/NDF : 4.8/5

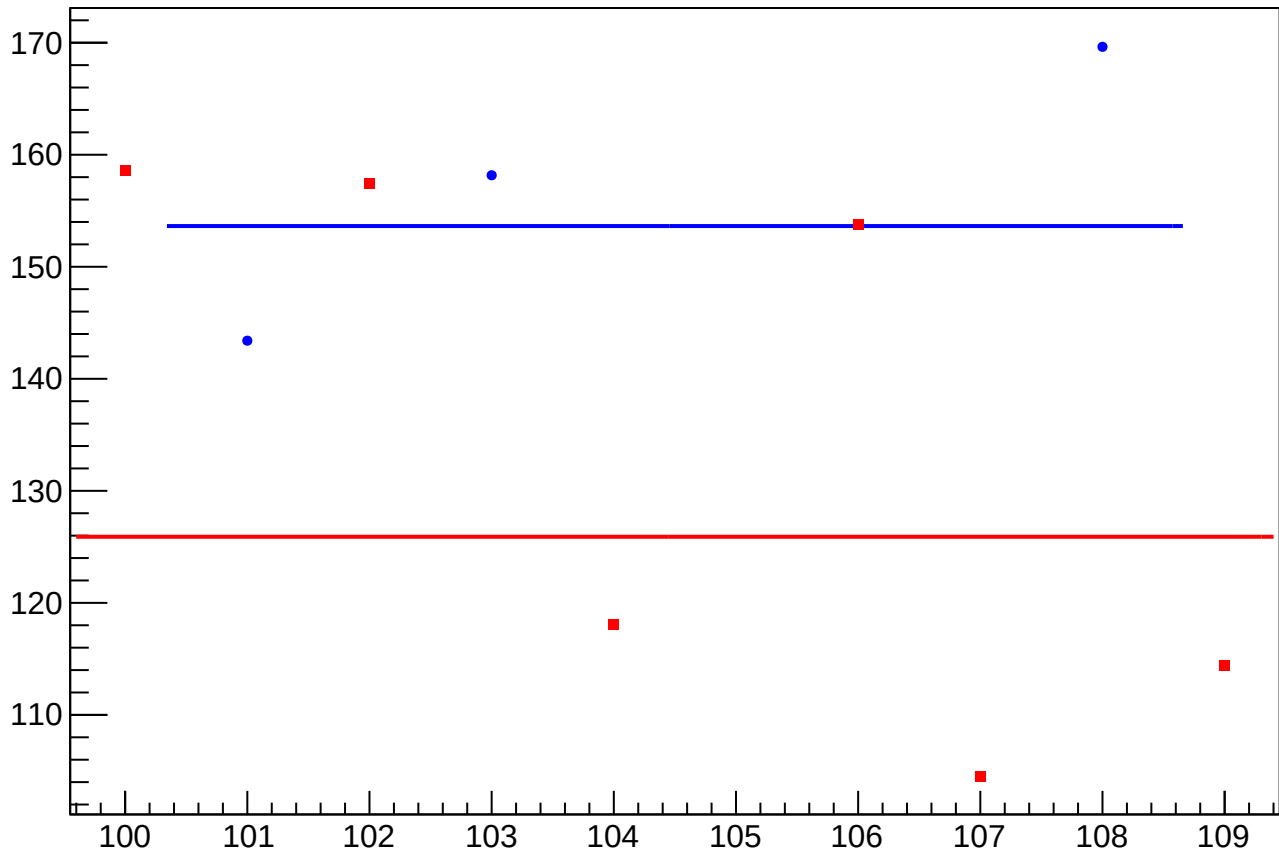
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.070 χ^2/NDF : 9.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 153.635 $\pm$ 0.085 χ^2 /NDF: 14507.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.902 $\pm$ 0.061 χ^2 /NDF: 107211.6/5

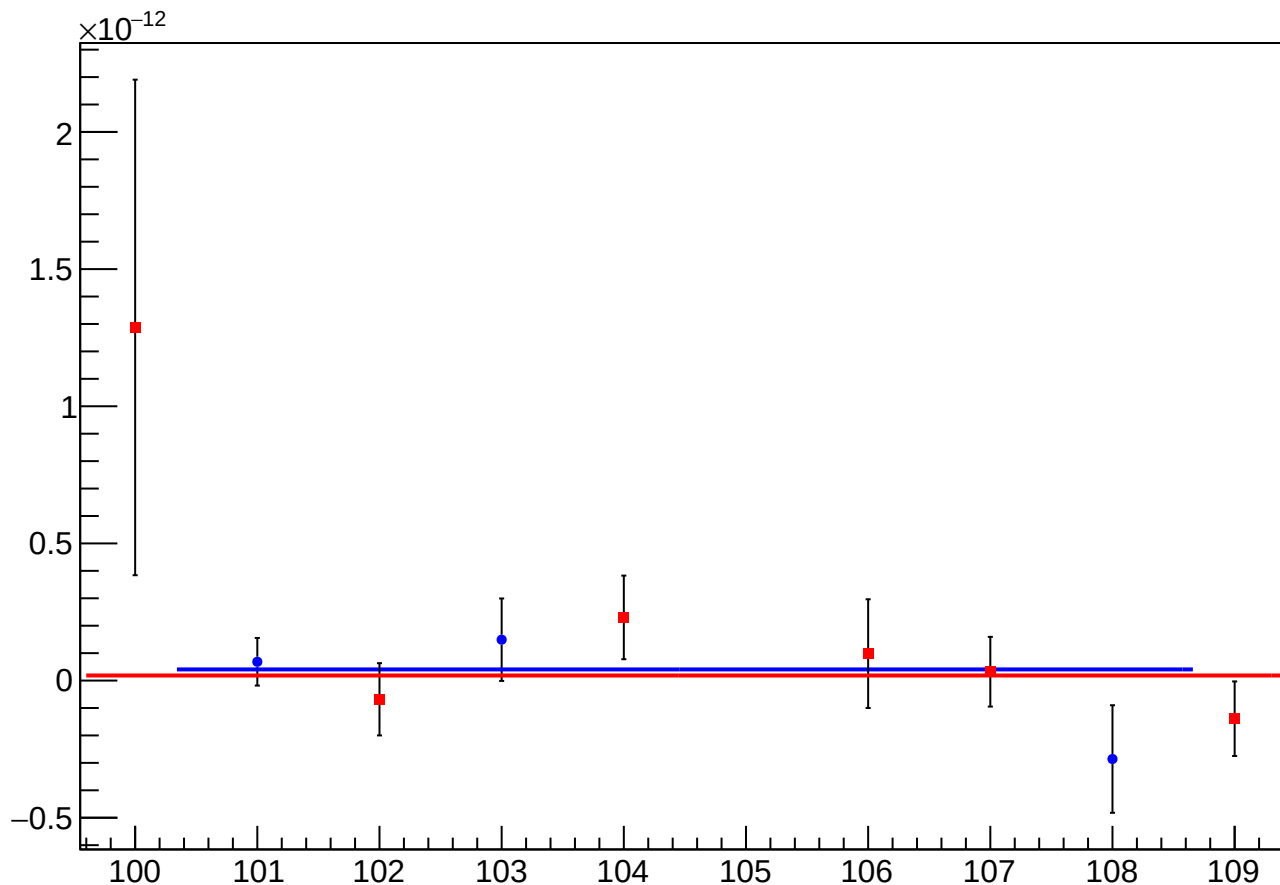
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.287 $\pm$ 0.050 χ^2 /NDF: 191967.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 3.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 5.9/5

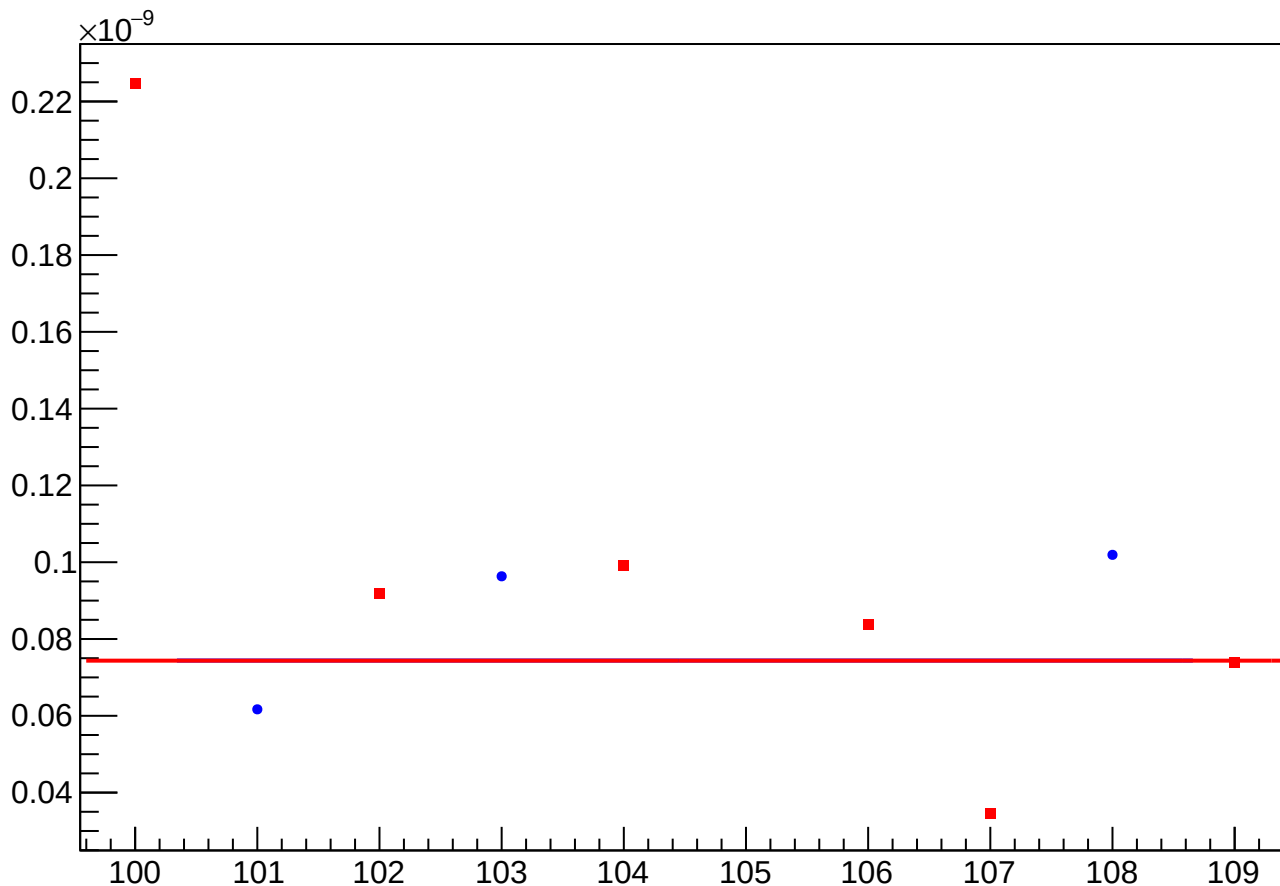
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 9.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 124941.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 343816.3/5

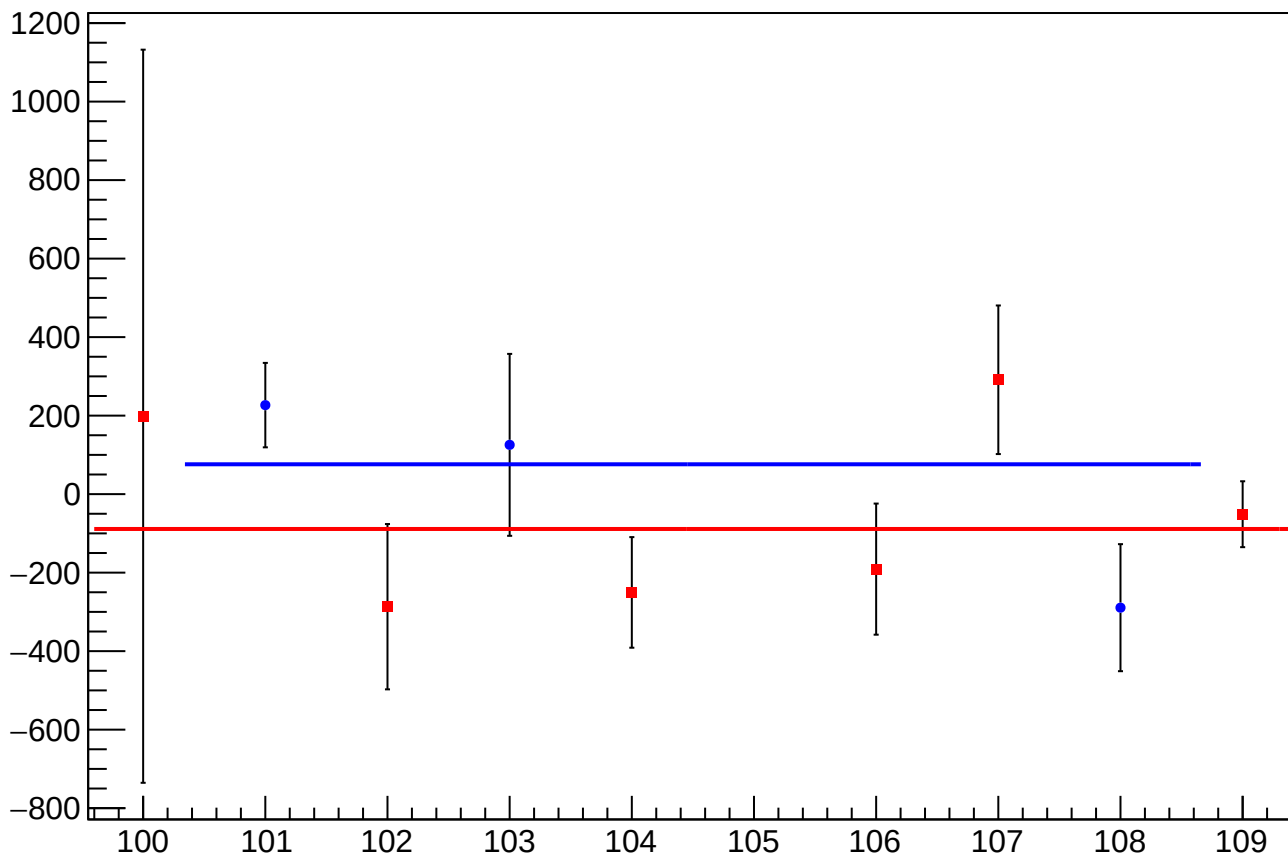
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 468758.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 76.035+/-83.552 χ^2/NDF : 7.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.767+/-59.785 χ^2/NDF : 6.9/5

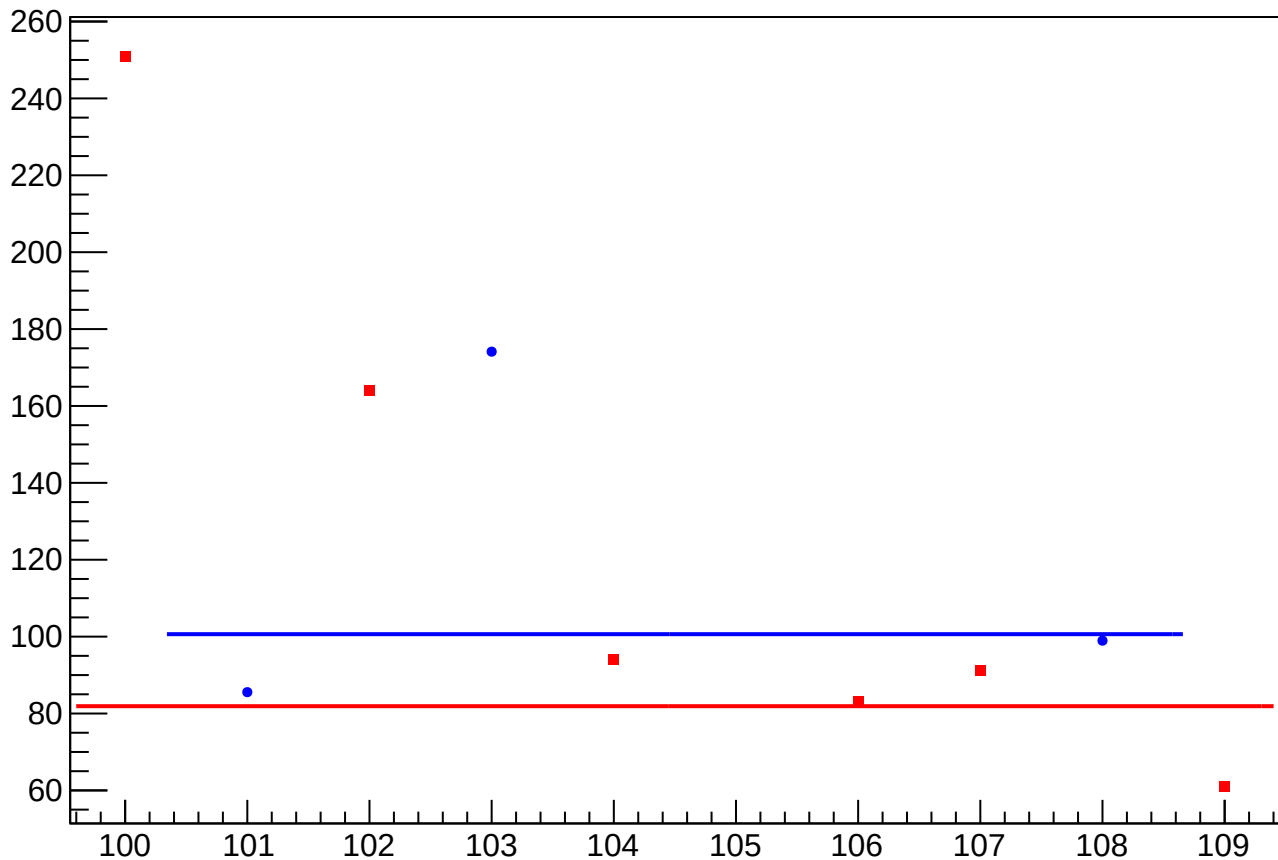
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.962+/-48.620 χ^2/NDF : 16.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 100.641 $\pm$ 0.059 χ^2 /NDF: 240641.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.909 $\pm$ 0.042 χ^2 /NDF: 513259.0/5

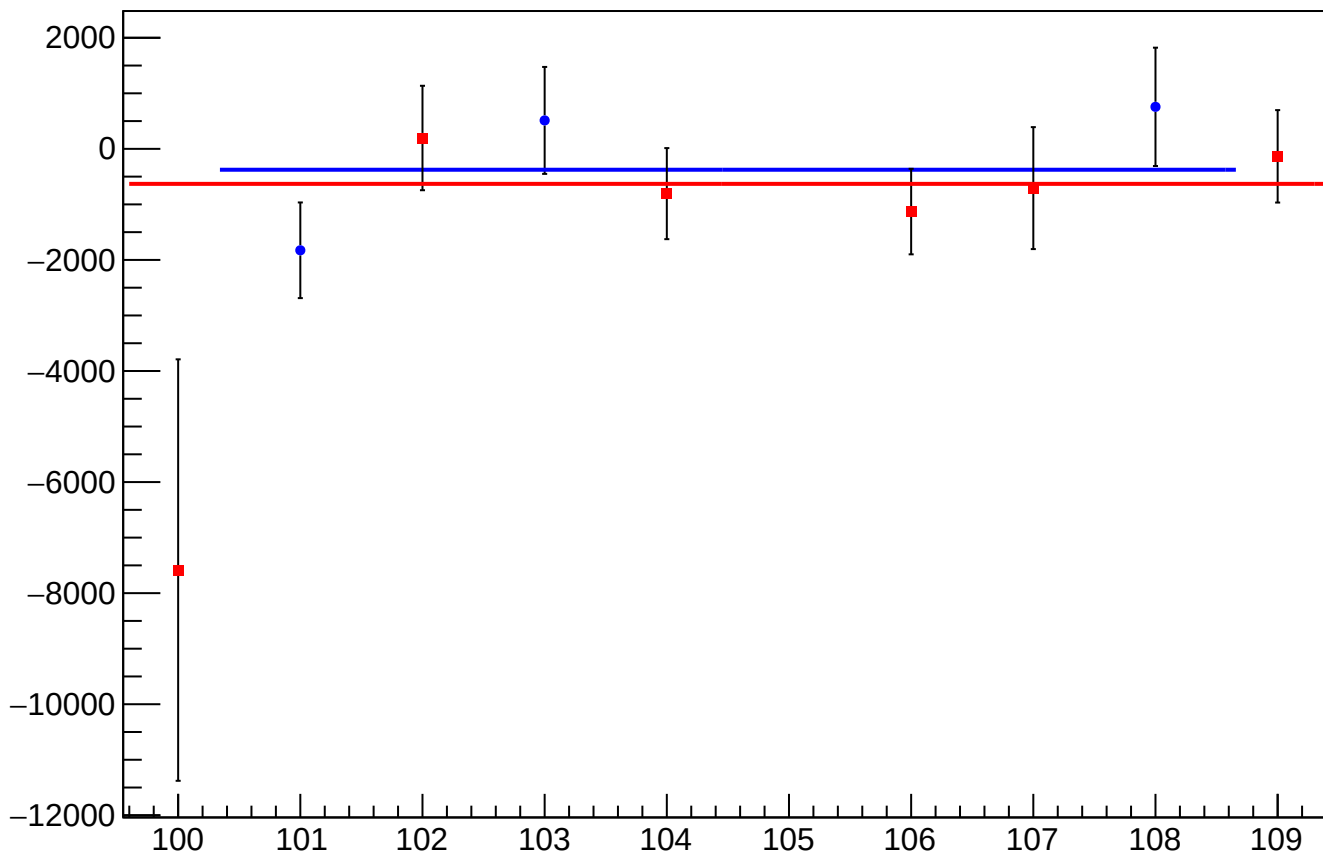
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.252 $\pm$ 0.034 χ^2 /NDF: 820381.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: -376.081+/-549.821 χ^2 /NDF: 4.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -630.444+/-387.836 χ^2 /NDF: 5.0/5

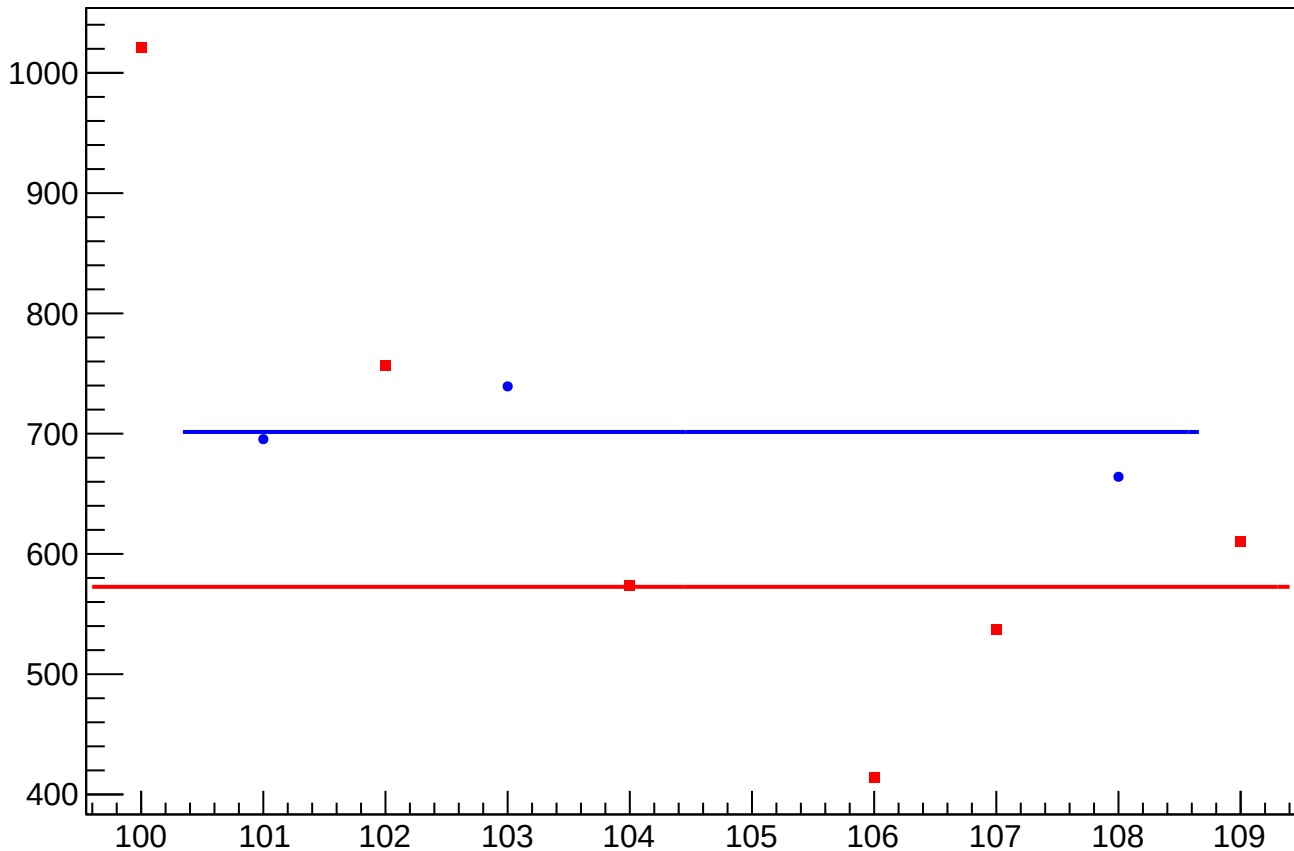
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -545.932+/-316.923 χ^2 /NDF: 9.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 701.409 $\pm$ 0.389 χ^2 /NDF: 5642.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 572.630 $\pm$ 0.274 χ^2 /NDF: 195419.3/5

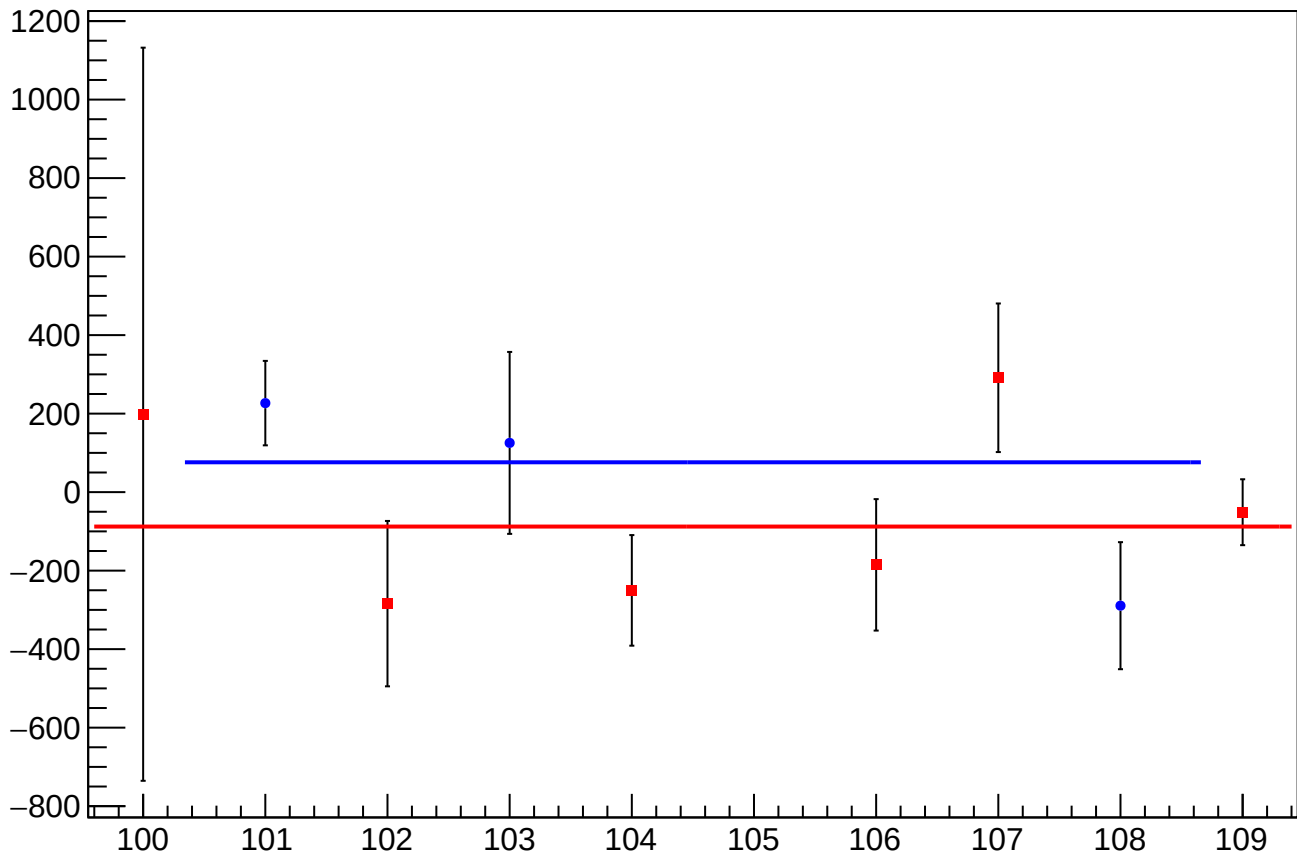
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 615.417 $\pm$ 0.224 χ^2 /NDF: 274325.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 76.010 $\pm$ 83.552 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -87.719 $\pm$ 59.807 χ^2 /NDF: 6.8/5

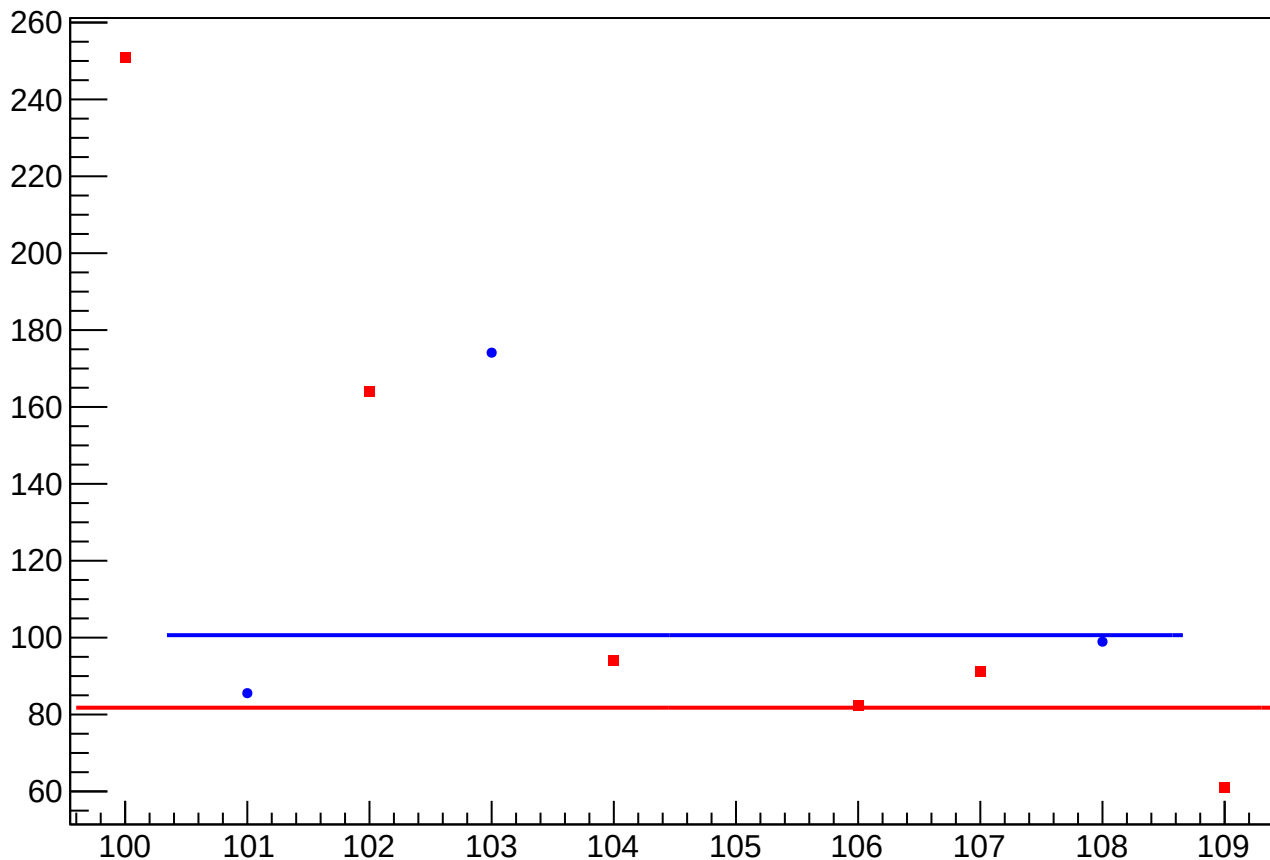
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.250 $\pm$ 48.632 χ^2 /NDF: 16.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 100.641 $\pm$ 0.059 χ^2 /NDF: 240644.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.778 $\pm$ 0.042 χ^2 /NDF: 513316.2/5

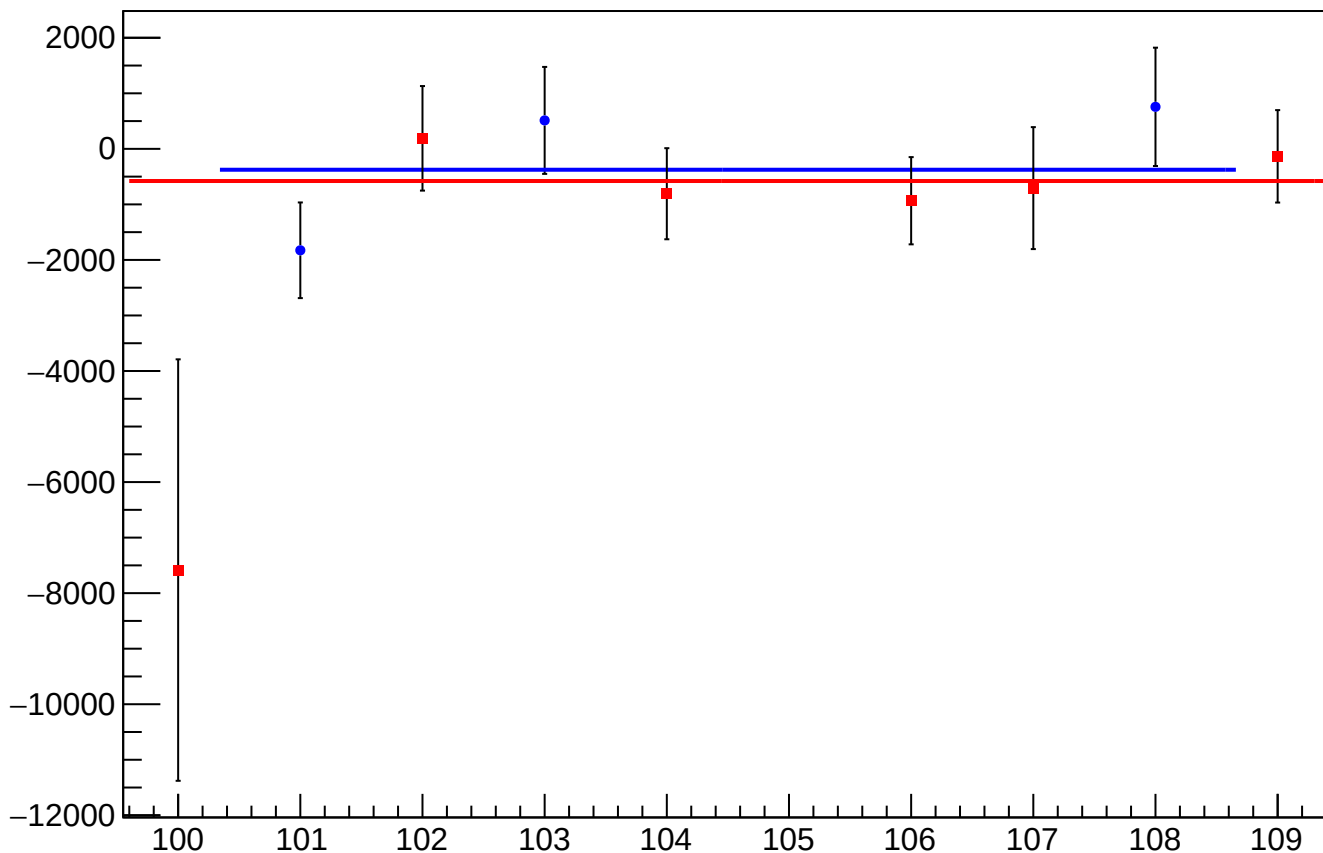
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.168 $\pm$ 0.034 χ^2 /NDF: 821361.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: -376.096+/-549.842 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -579.026+/-389.843 χ^2/NDF : 4.7/5

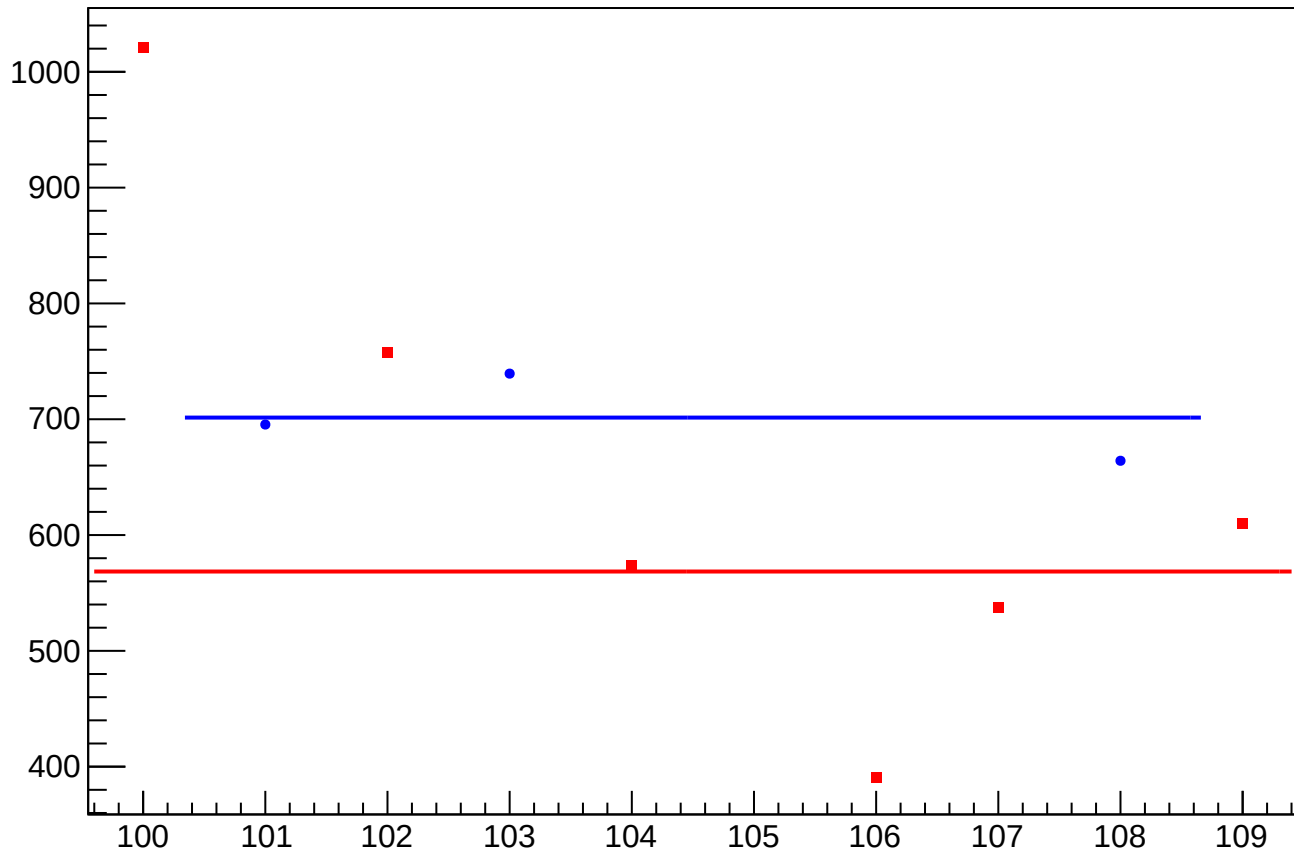
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -511.140+/-318.020 χ^2/NDF : 9.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 701.432 $\pm$ 0.389 χ^2 /NDF: 5654.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 568.506 $\pm$ 0.276 χ^2 /NDF: 218166.7/5

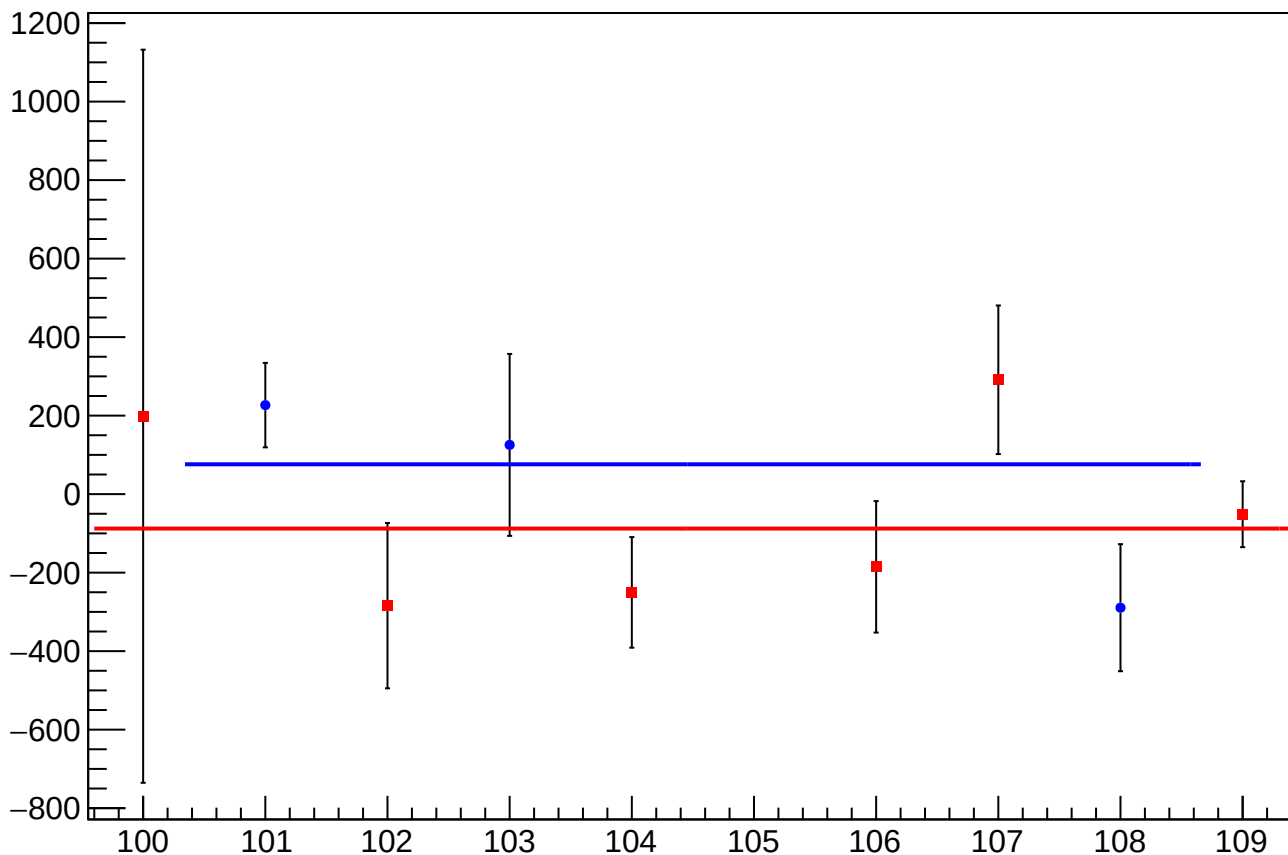
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 612.974 $\pm$ 0.225 χ^2 /NDF: 301607.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 76.010 $\pm$ 83.552 χ^2 /NDF: 7.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -87.719 $\pm$ 59.807 χ^2 /NDF: 6.8/5

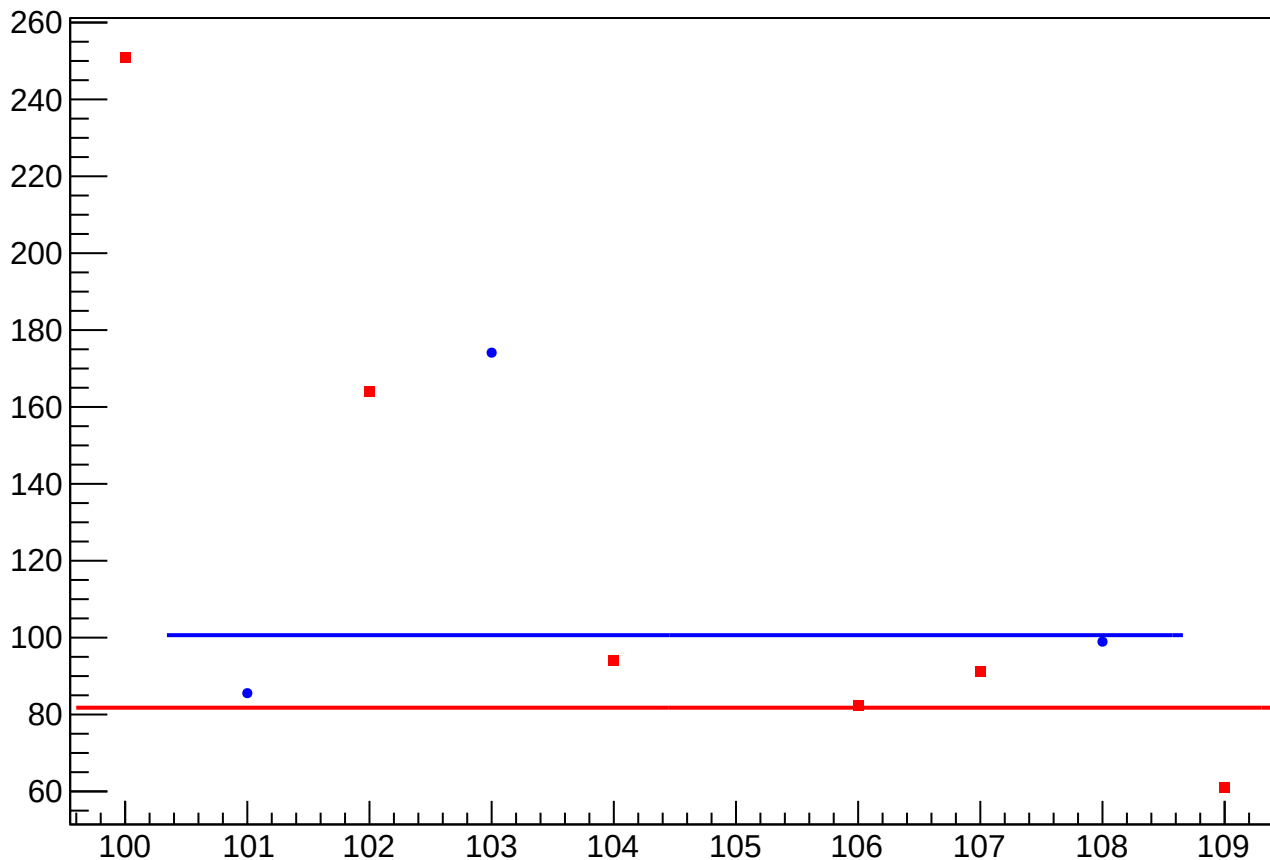
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.250 $\pm$ 48.632 χ^2 /NDF: 16.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 100.641 $\pm$ 0.059 χ^2 /NDF: 240644.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.778 $\pm$ 0.042 χ^2 /NDF: 513316.2/5

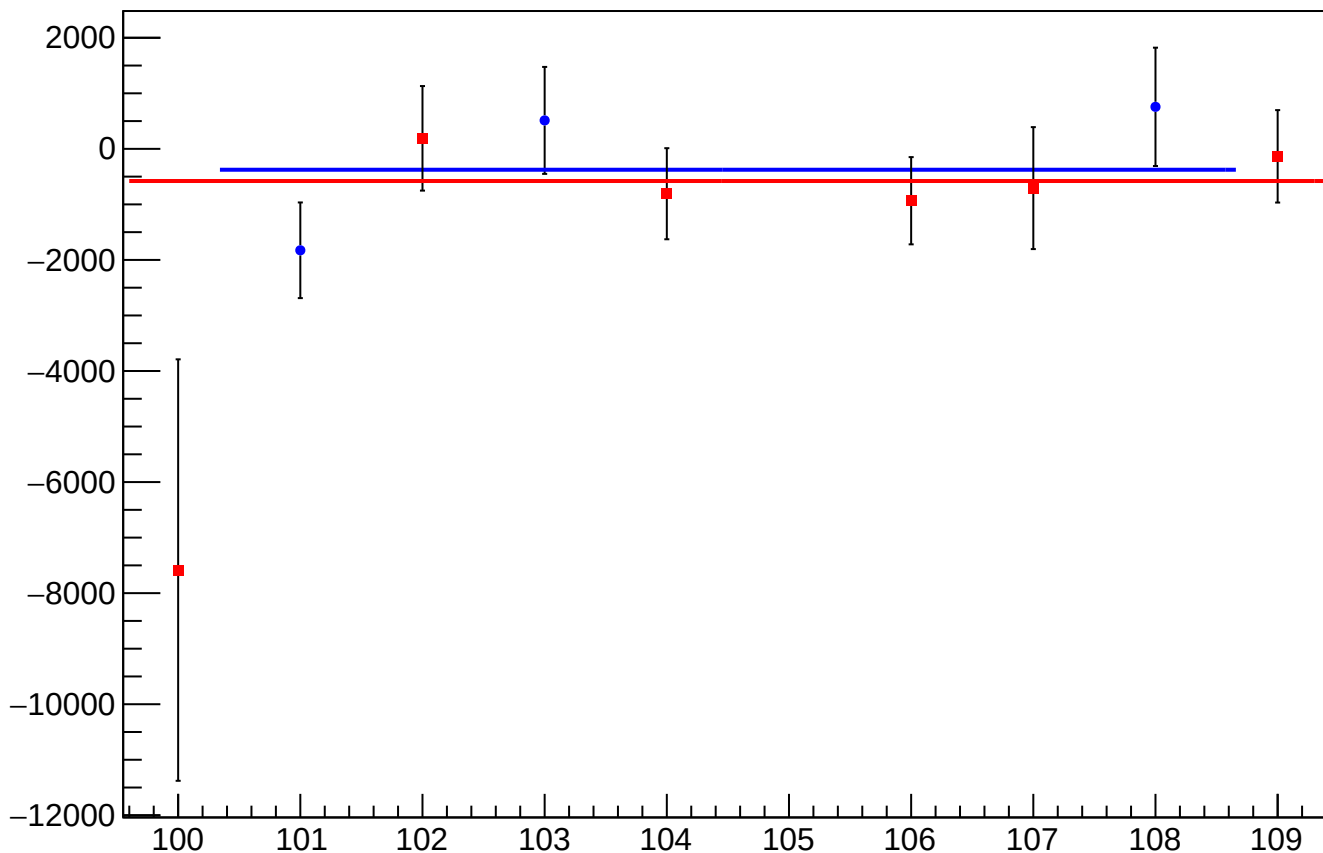
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.168 $\pm$ 0.034 χ^2 /NDF: 821361.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_mean vs Slug



Right In: -376.096+/-549.842 χ^2 /NDF: 4.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -579.026+/-389.843 χ^2 /NDF: 4.7/5

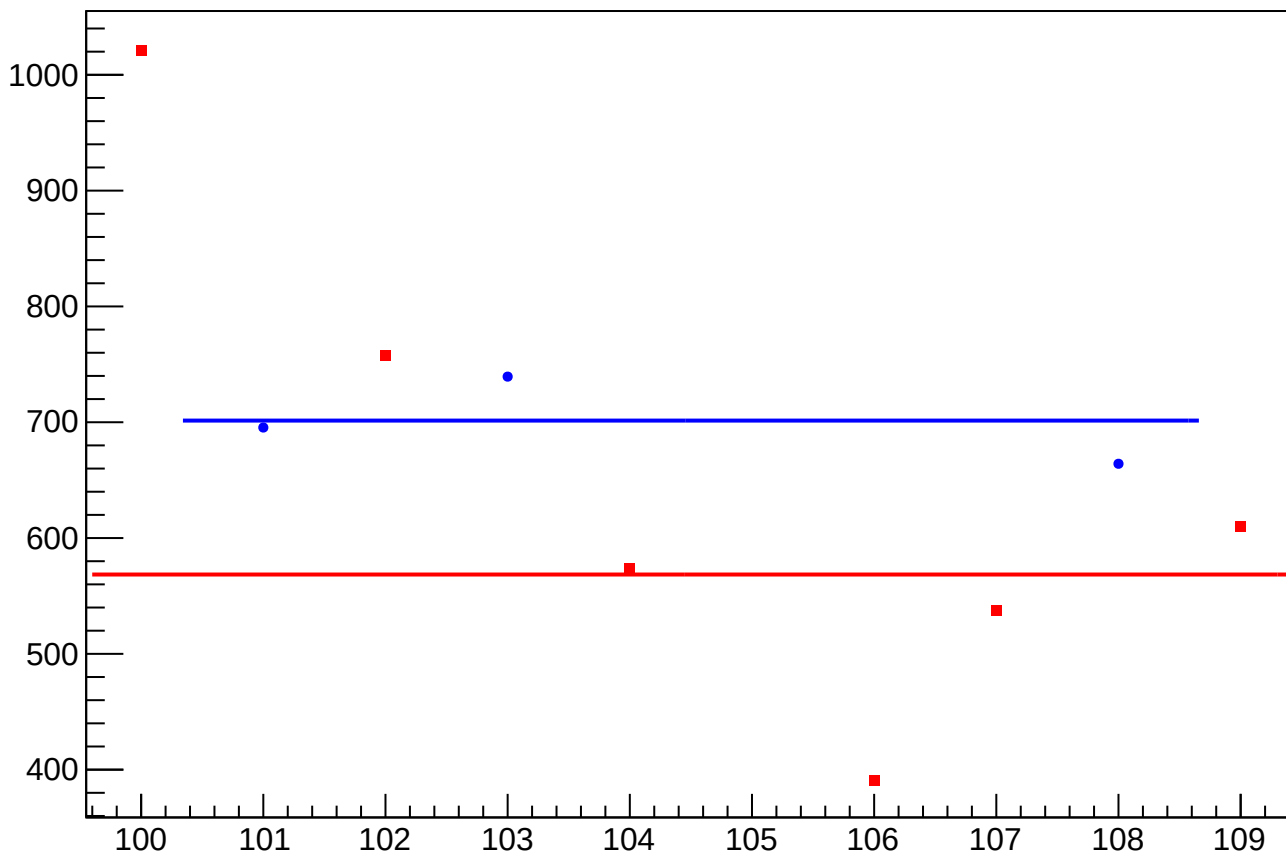
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -511.140+/-318.020 χ^2 /NDF: 9.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 701.432 $\pm$ 0.389 χ^2 /NDF: 5654.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 568.506 $\pm$ 0.276 χ^2 /NDF: 218166.7/5

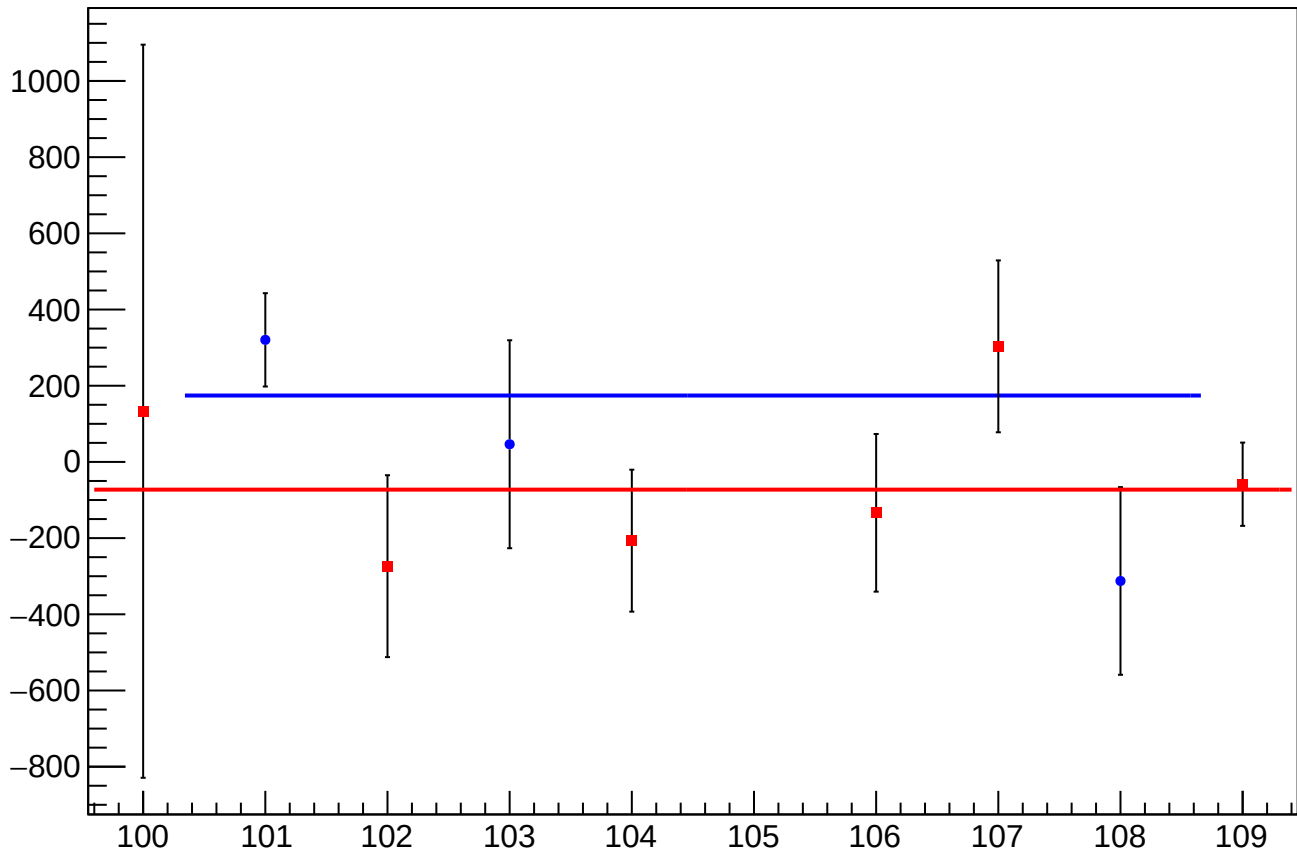
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 612.974 $\pm$ 0.225 χ^2 /NDF: 301607.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 174.283+/-101.759 χ^2/NDF : 5.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.764+/-75.775 χ^2/NDF : 4.2/5

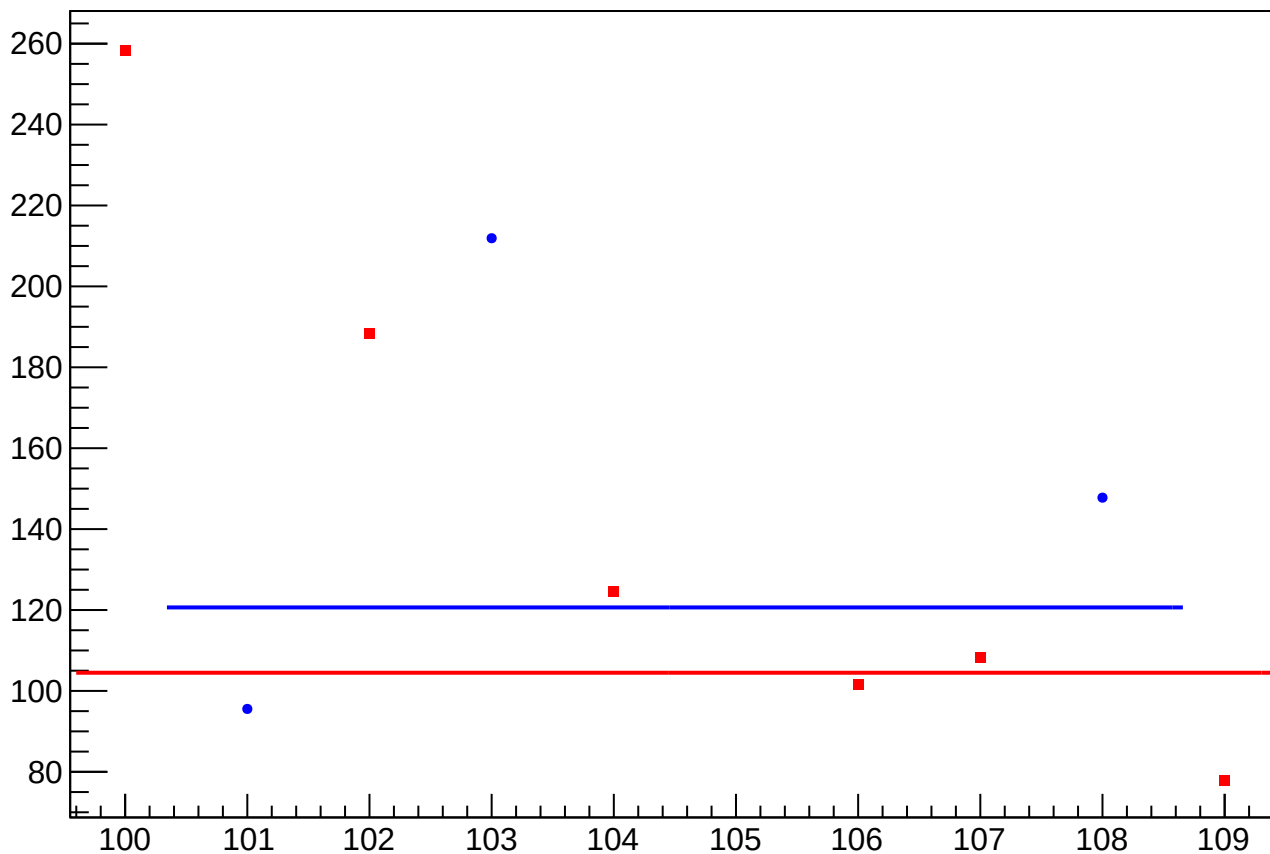
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.361+/-60.776 χ^2/NDF : 13.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 120.639 $\pm$ 0.072 χ^2 /NDF: 331820.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.492 $\pm$ 0.054 χ^2 /NDF: 441670.5/5

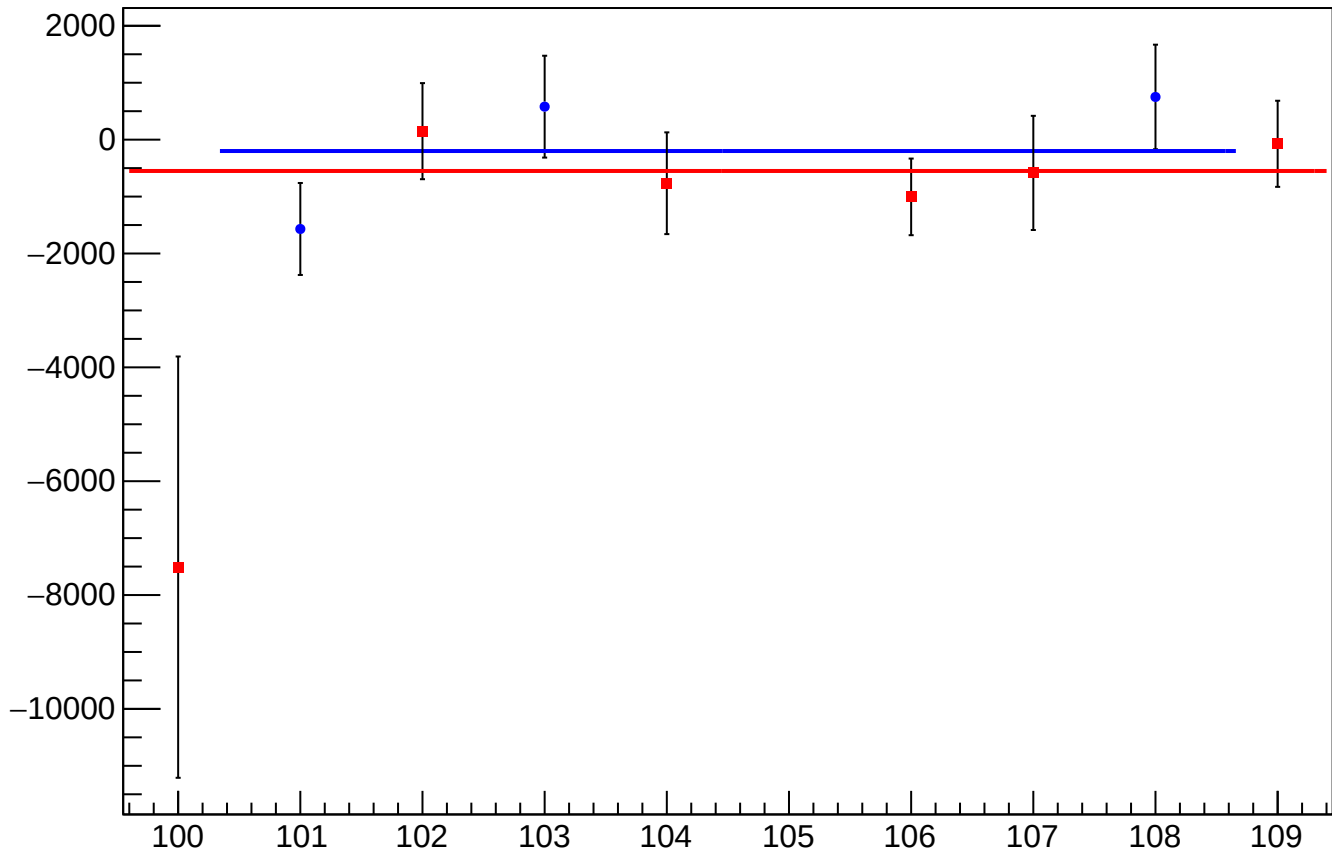
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.252 $\pm$ 0.043 χ^2 /NDF: 805886.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: -199.608+/-502.159 χ^2 /NDF: 4.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -550.263+/-360.875 χ^2 /NDF: 5.1/5

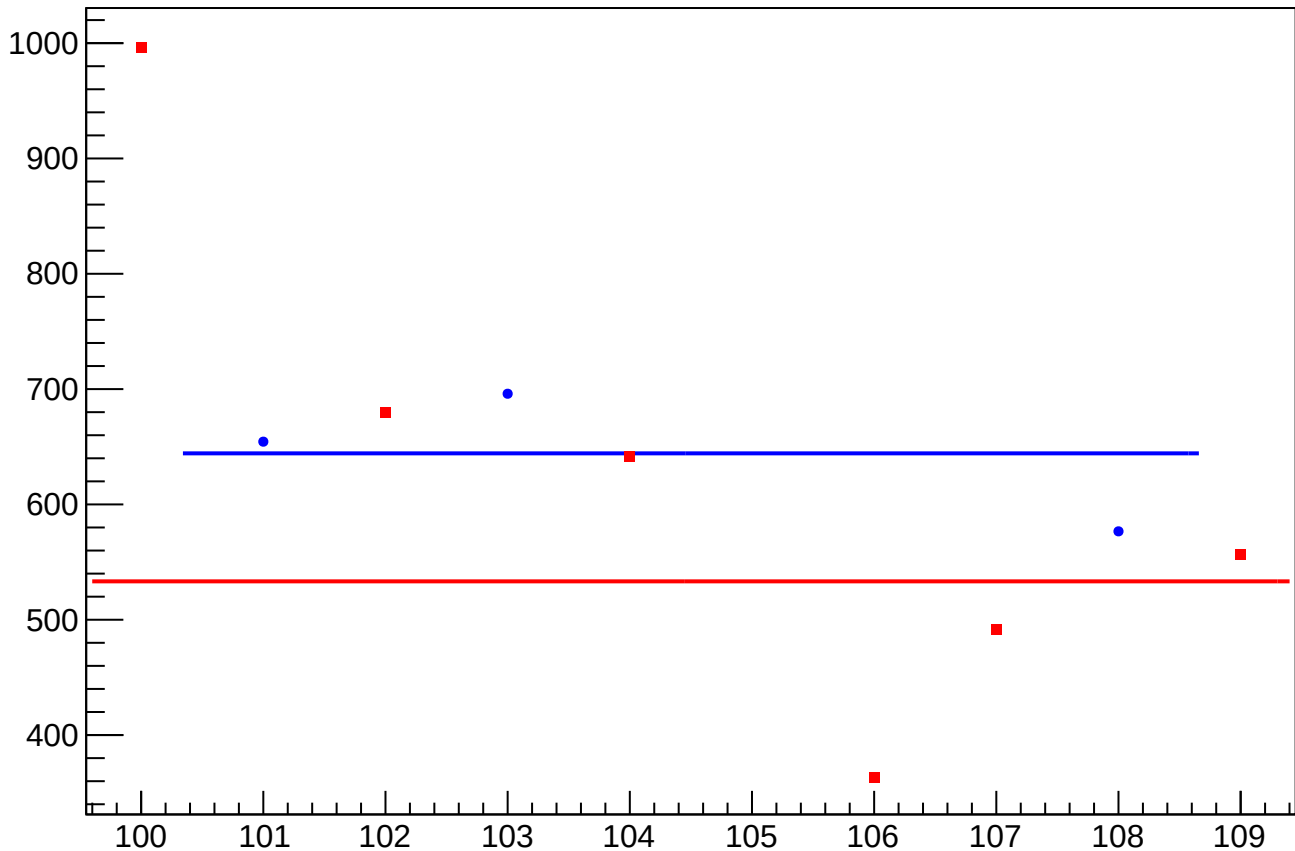
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -430.842+/-293.050 χ^2 /NDF: 10.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 644.283+/-0.355 χ^2/NDF : 17826.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.288+/-0.255 χ^2/NDF : 253631.1/5

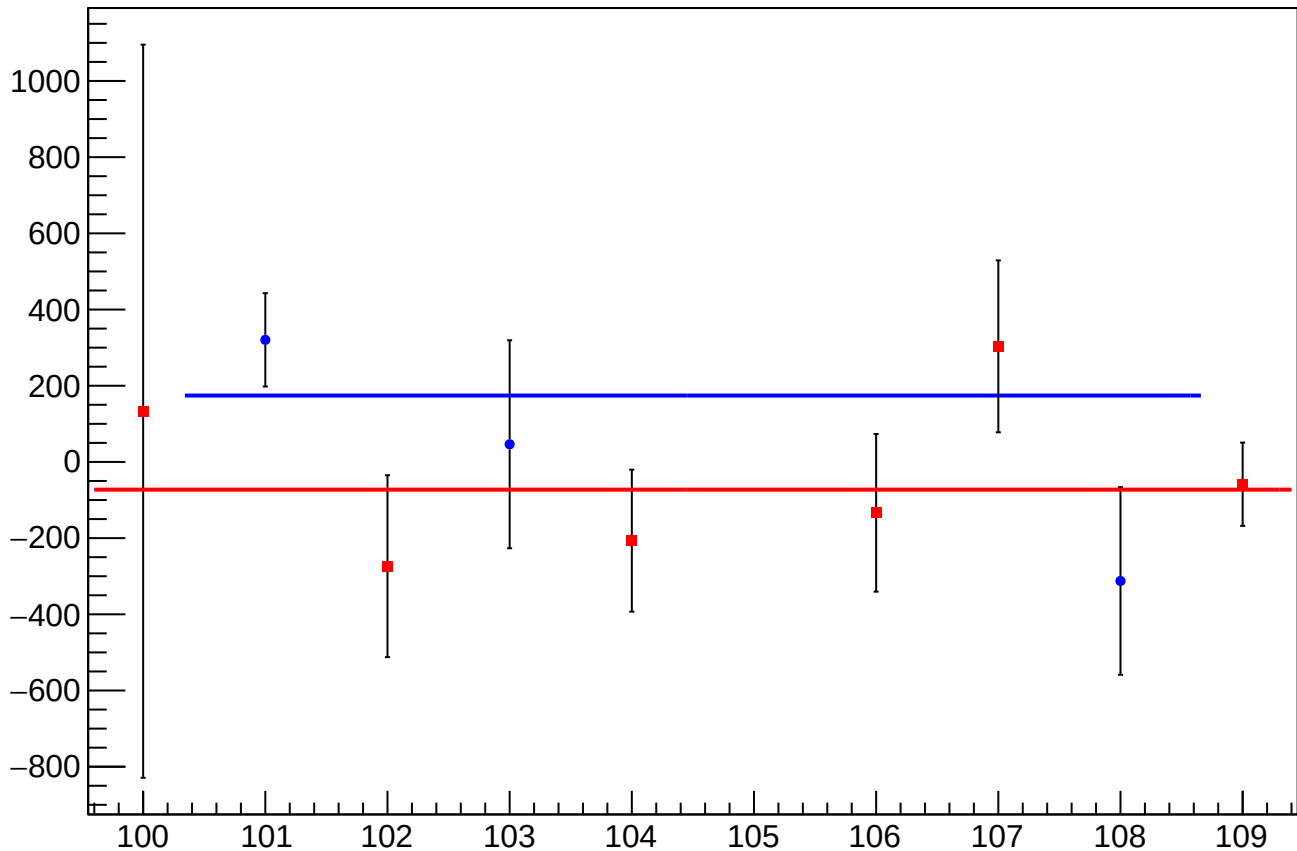
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.089+/-0.207 χ^2/NDF : 335893.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 174.288 $\pm$ 101.759 χ^2 /NDF: 5.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -72.763 $\pm$ 75.776 χ^2 /NDF: 4.2/5

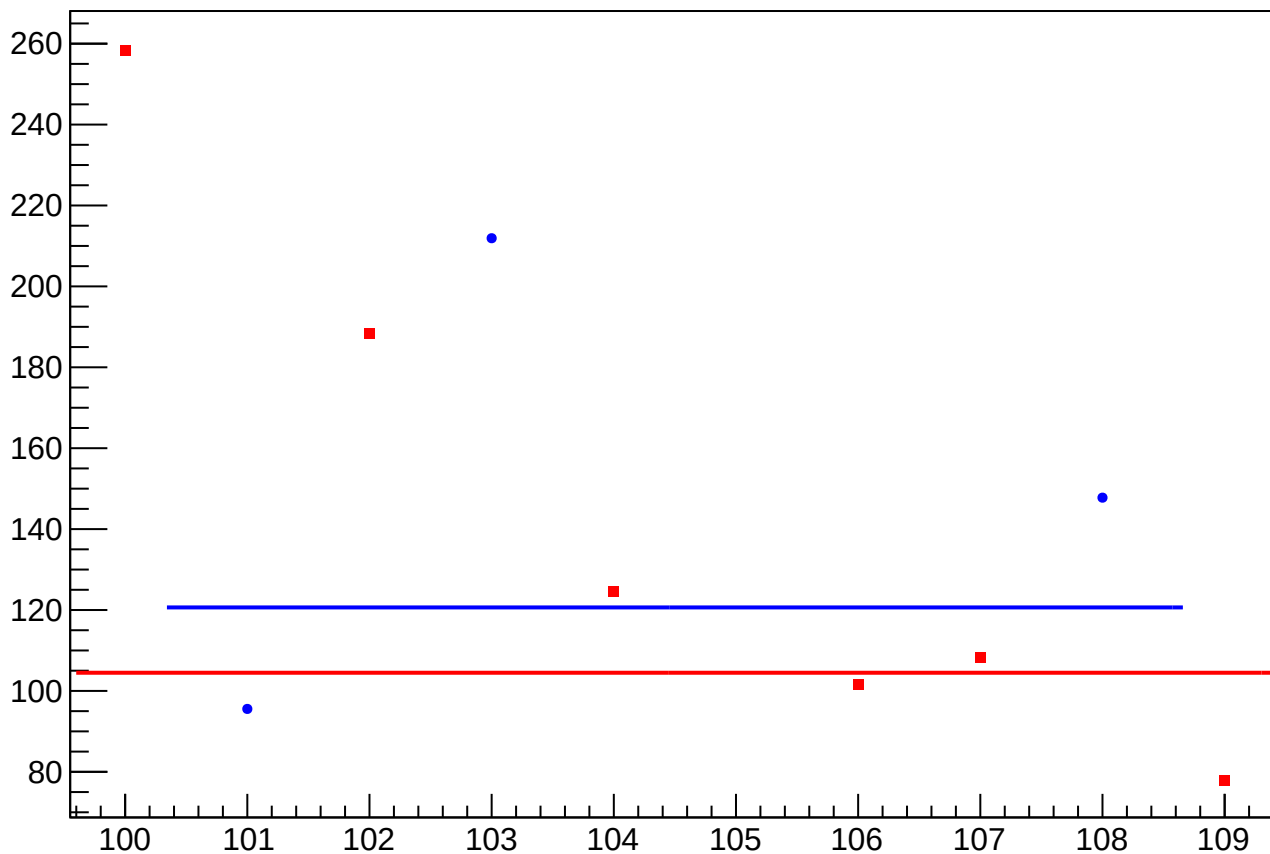
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.363 $\pm$ 60.776 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 120.640 $\pm$ 0.072 χ^2 /NDF: 331820.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 104.493 $\pm$ 0.054 χ^2 /NDF: 441664.9/5

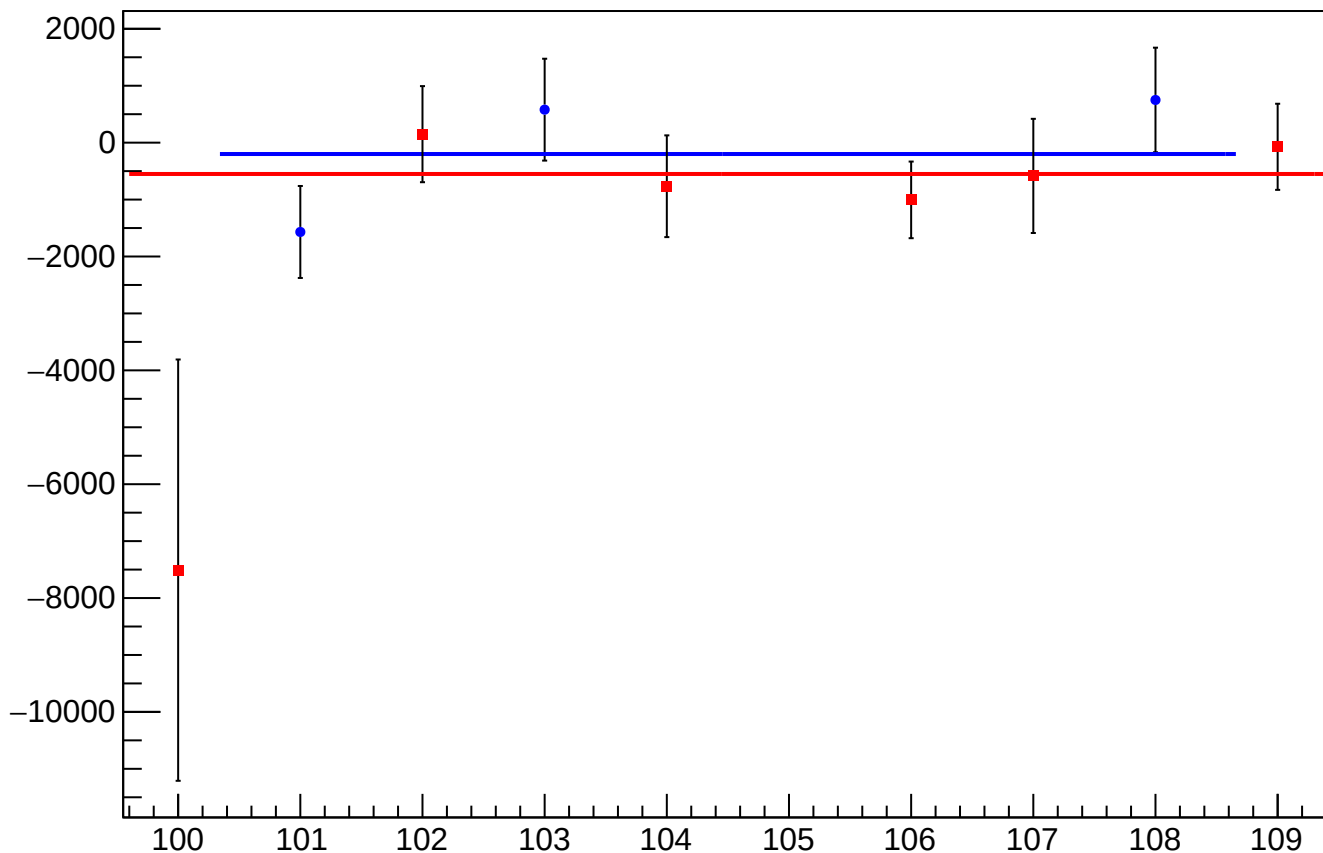
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.253 $\pm$ 0.043 χ^2 /NDF: 805882.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_mean vs Slug



Right In: -199.607 $\pm$ 502.157 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -550.262 $\pm$ 360.874 χ^2 /NDF: 5.1/5

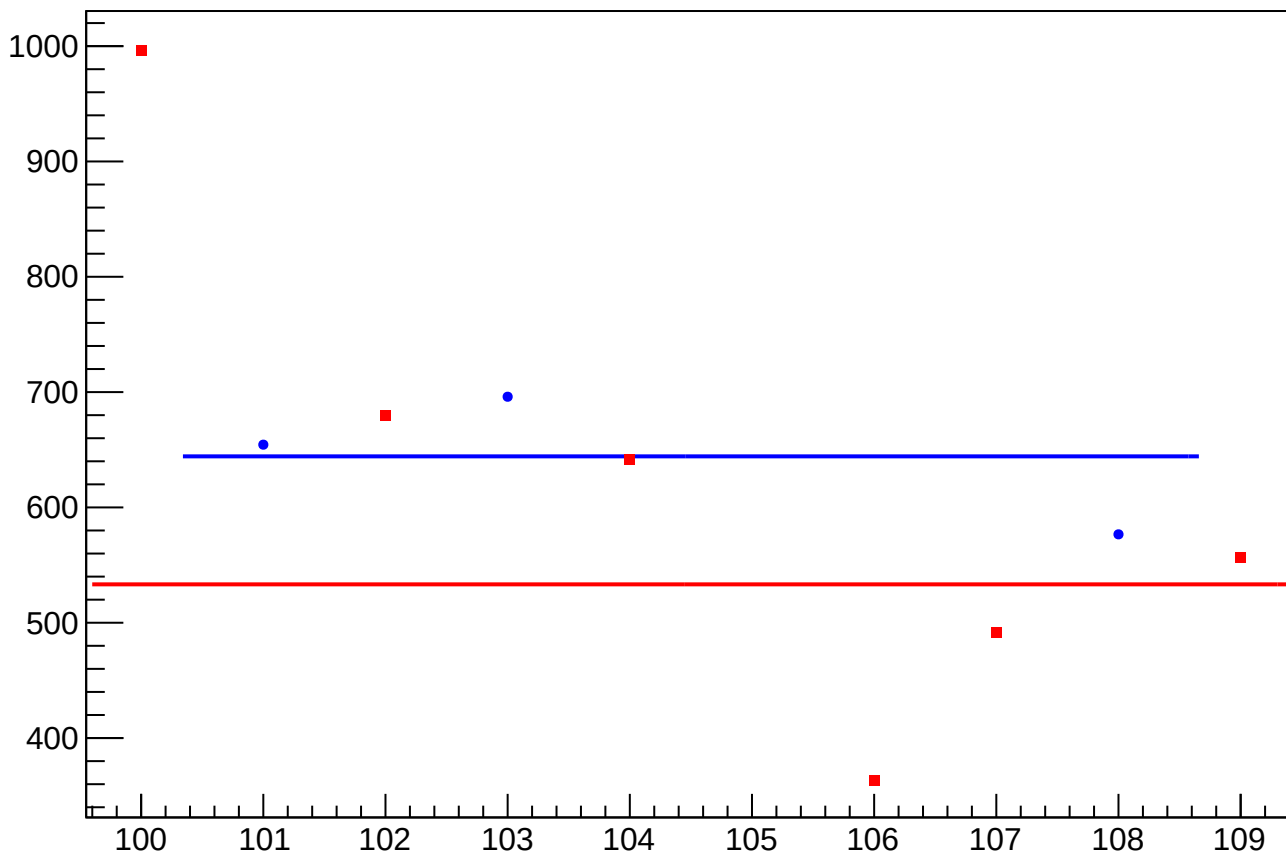
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -430.840 $\pm$ 293.049 χ^2 /NDF: 10.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 644.280+/-0.355 χ^2/NDF : 17826.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.286+/-0.255 χ^2/NDF : 253628.3/5

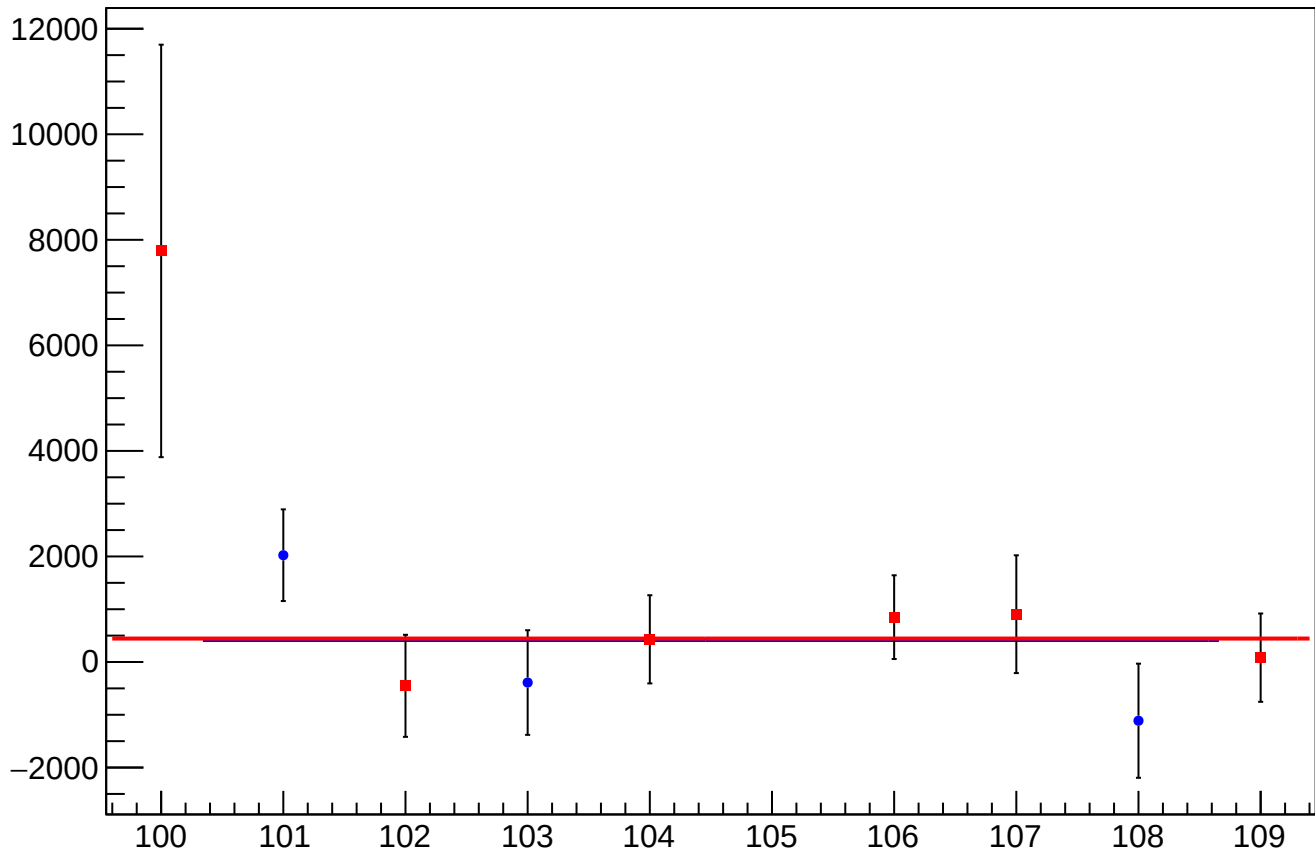
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.087+/-0.207 χ^2/NDF : 335889.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: 417.036 $\pm$ 559.249 χ^2 /NDF: 6.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 444.341 $\pm$ 395.658 χ^2 /NDF: 5.0/5

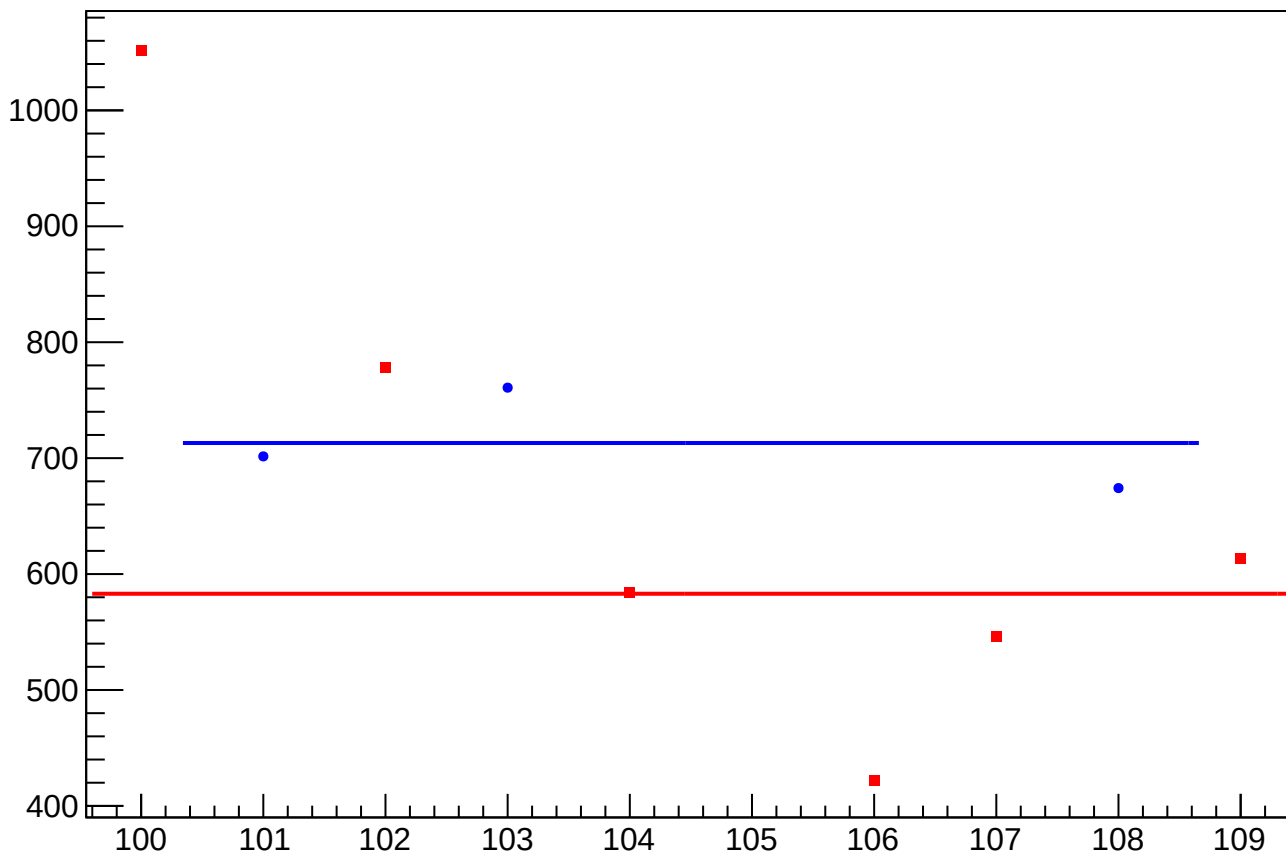
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 435.233 $\pm$ 322.997 χ^2 /NDF: 11.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 713.067 $\pm$ 0.395 χ^2 /NDF: 7577.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 583.020 $\pm$ 0.280 χ^2 /NDF: 197204.3/5

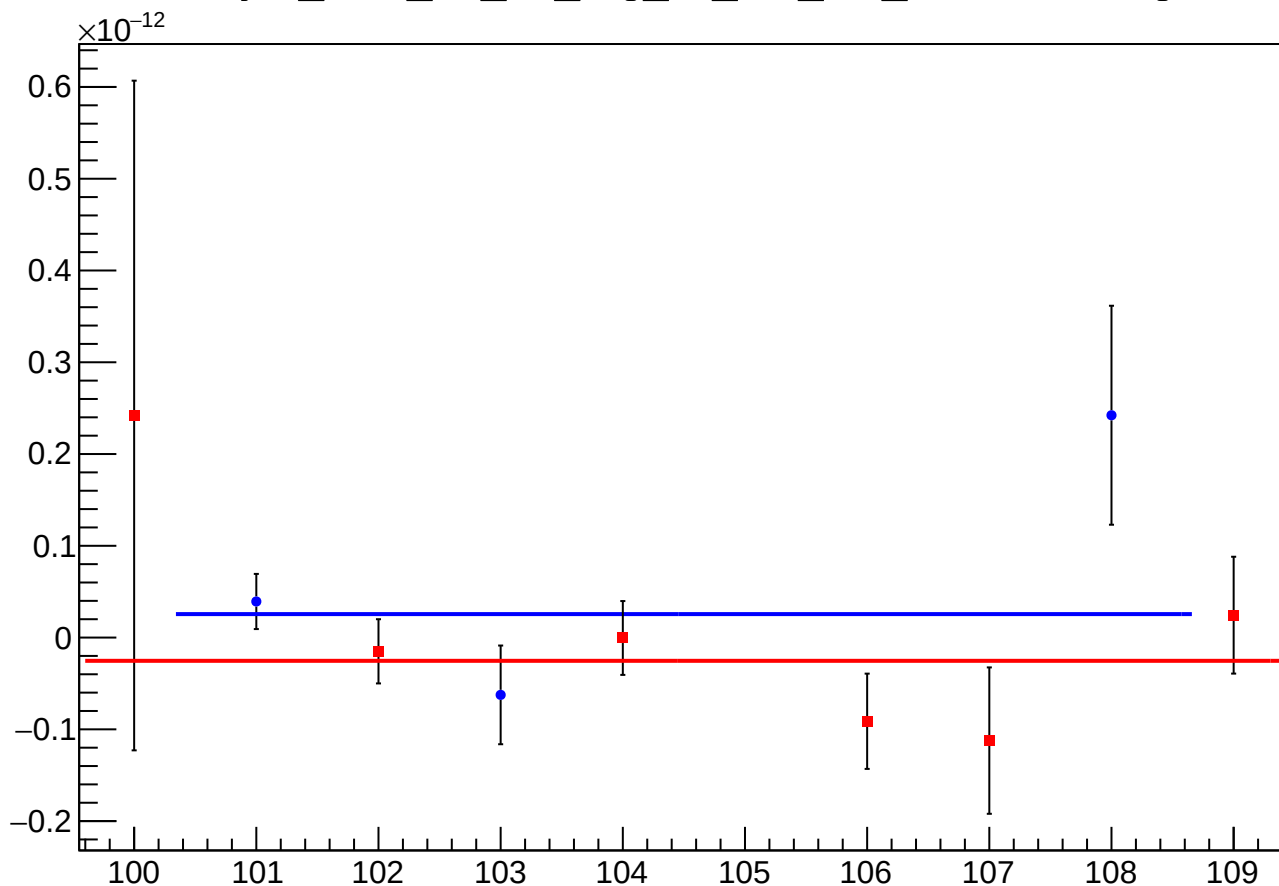
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 626.399 $\pm$ 0.228 χ^2 /NDF: 276854.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/5

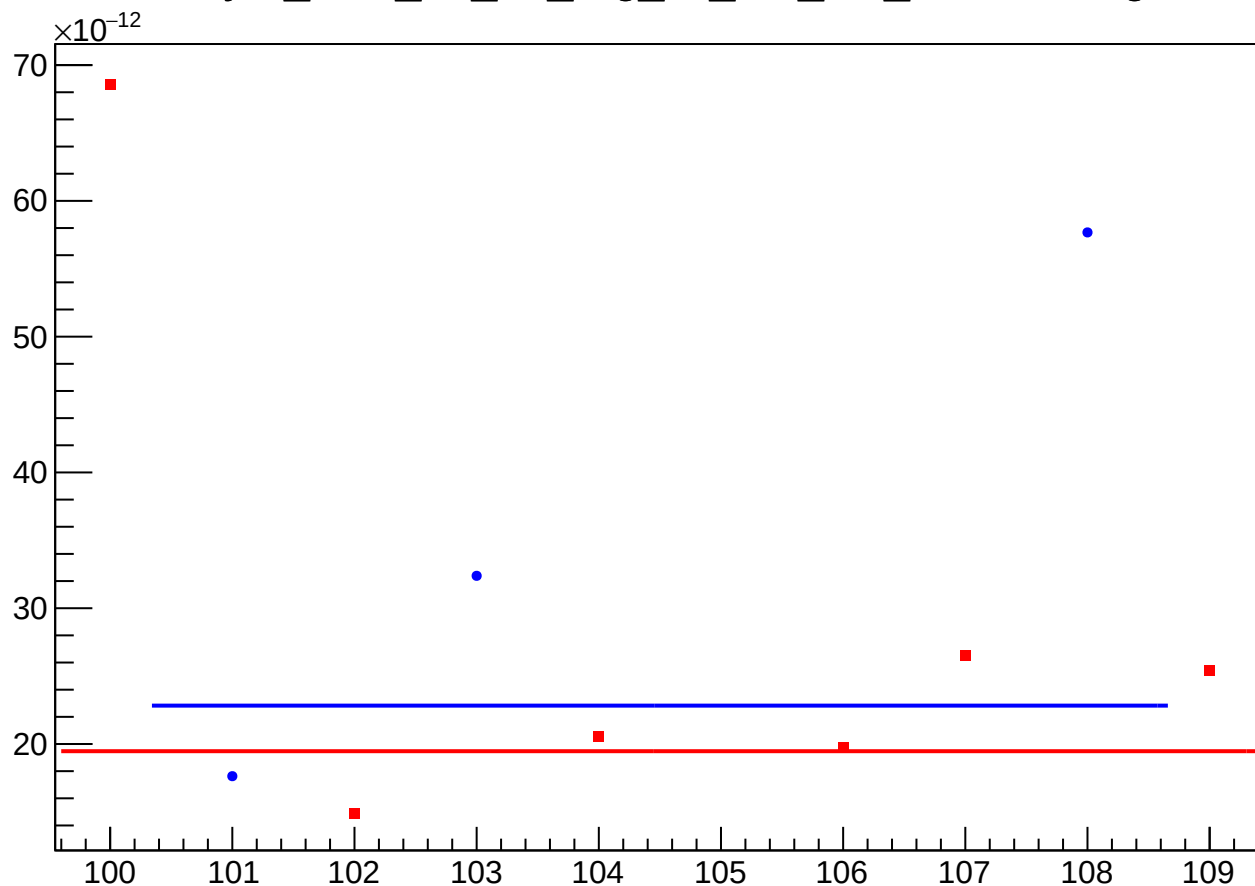
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 293642.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 105436.0/5

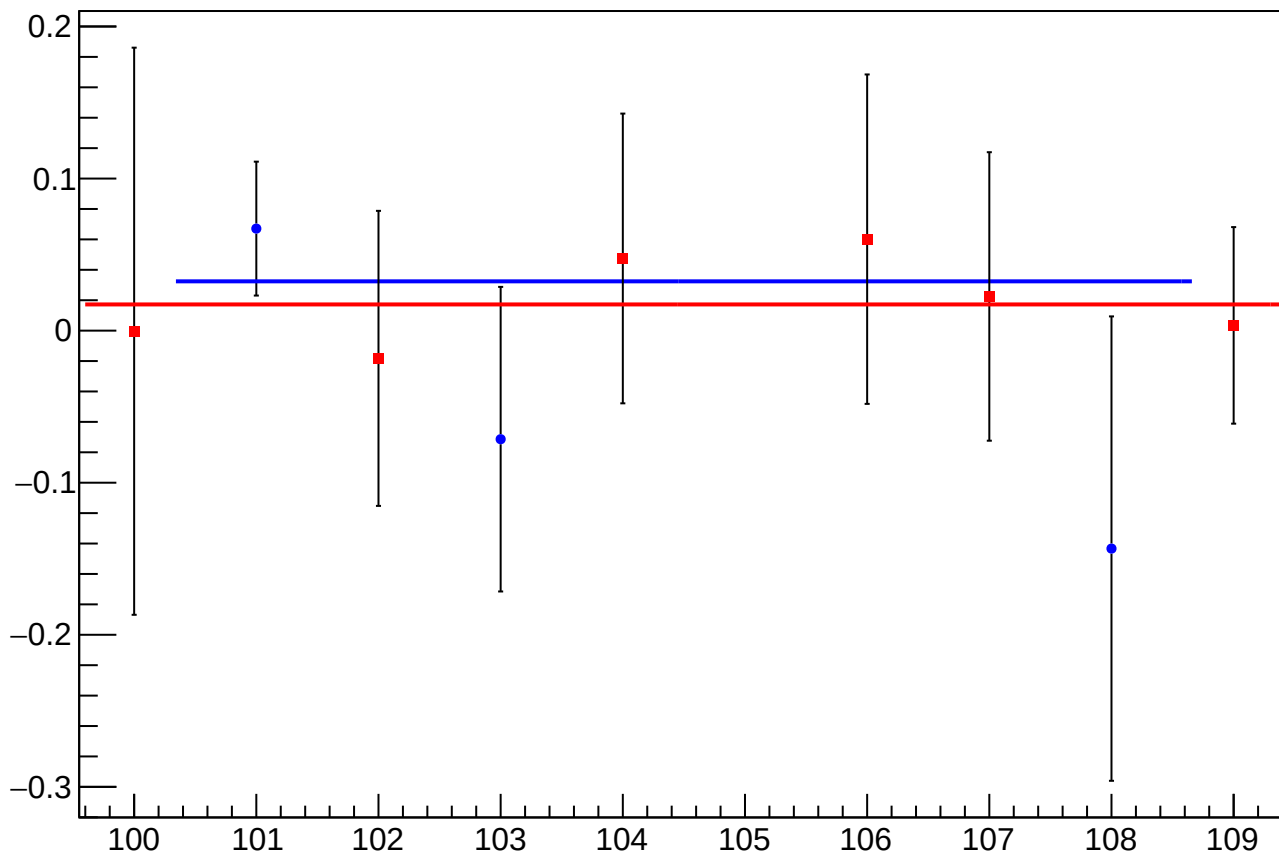
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 419426.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.039 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.038 χ^2 /NDF: 0.4/5

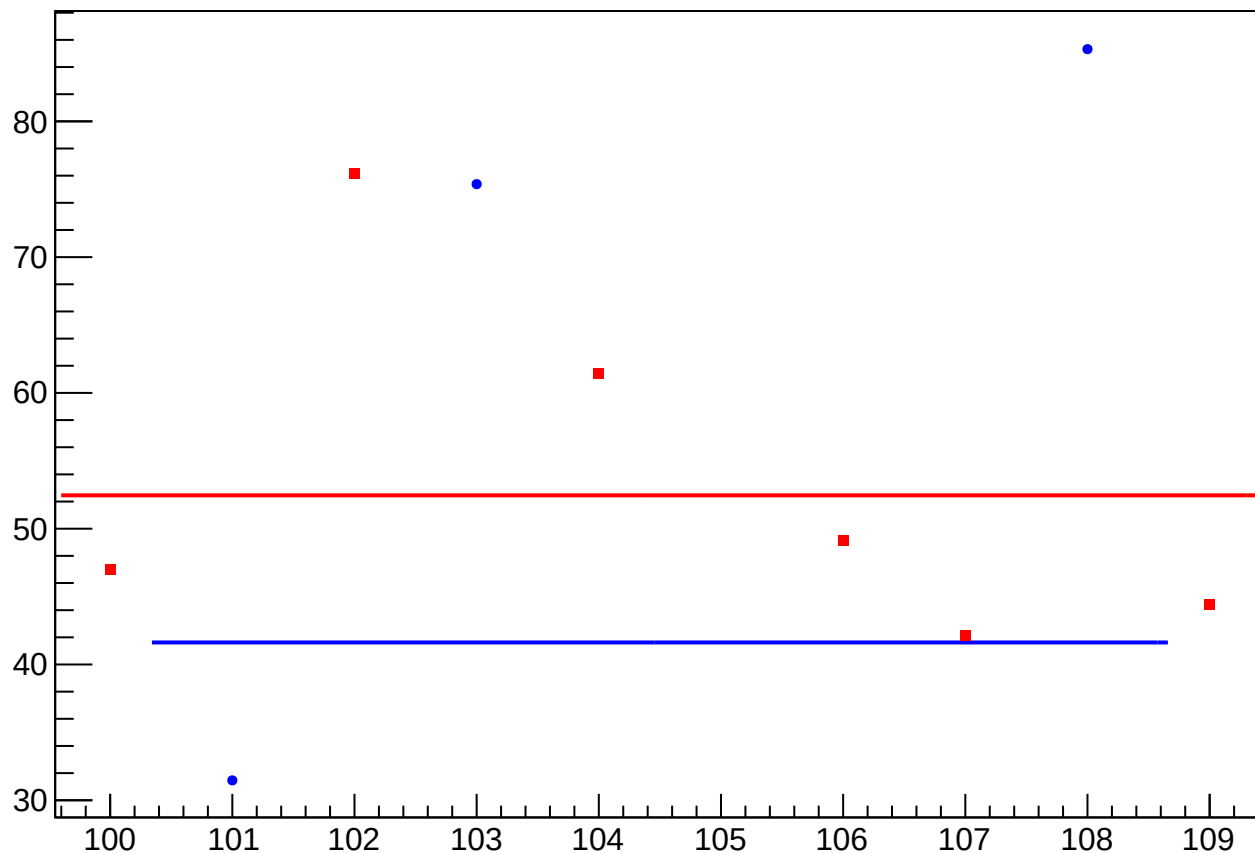
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.027 χ^2 /NDF: 3.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 41.622 $\pm$ 0.028 χ^2 /NDF: 497466.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.458 $\pm$ 0.027 χ^2 /NDF: 195155.9/5

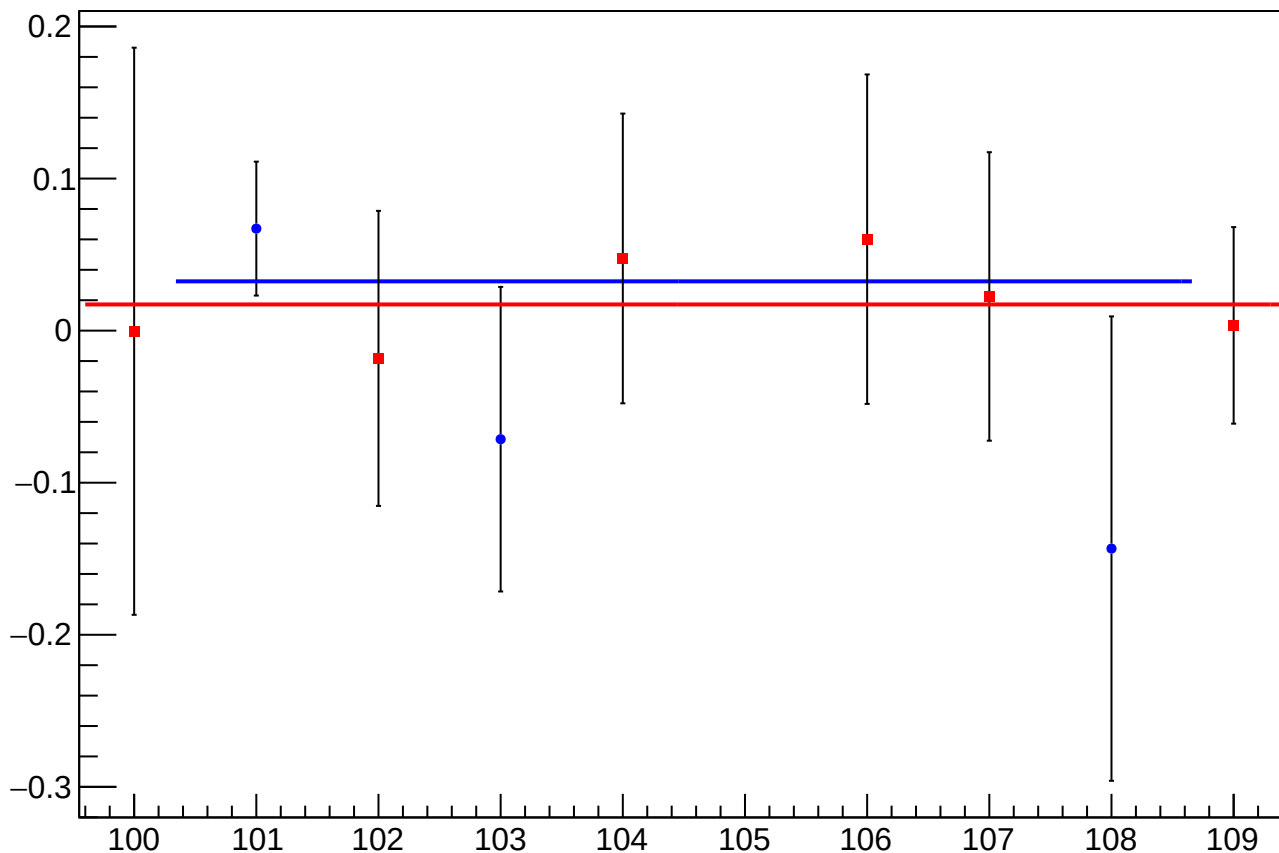
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.131 $\pm$ 0.019 χ^2 /NDF: 771251.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.039 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.038 χ^2 /NDF: 0.4/5

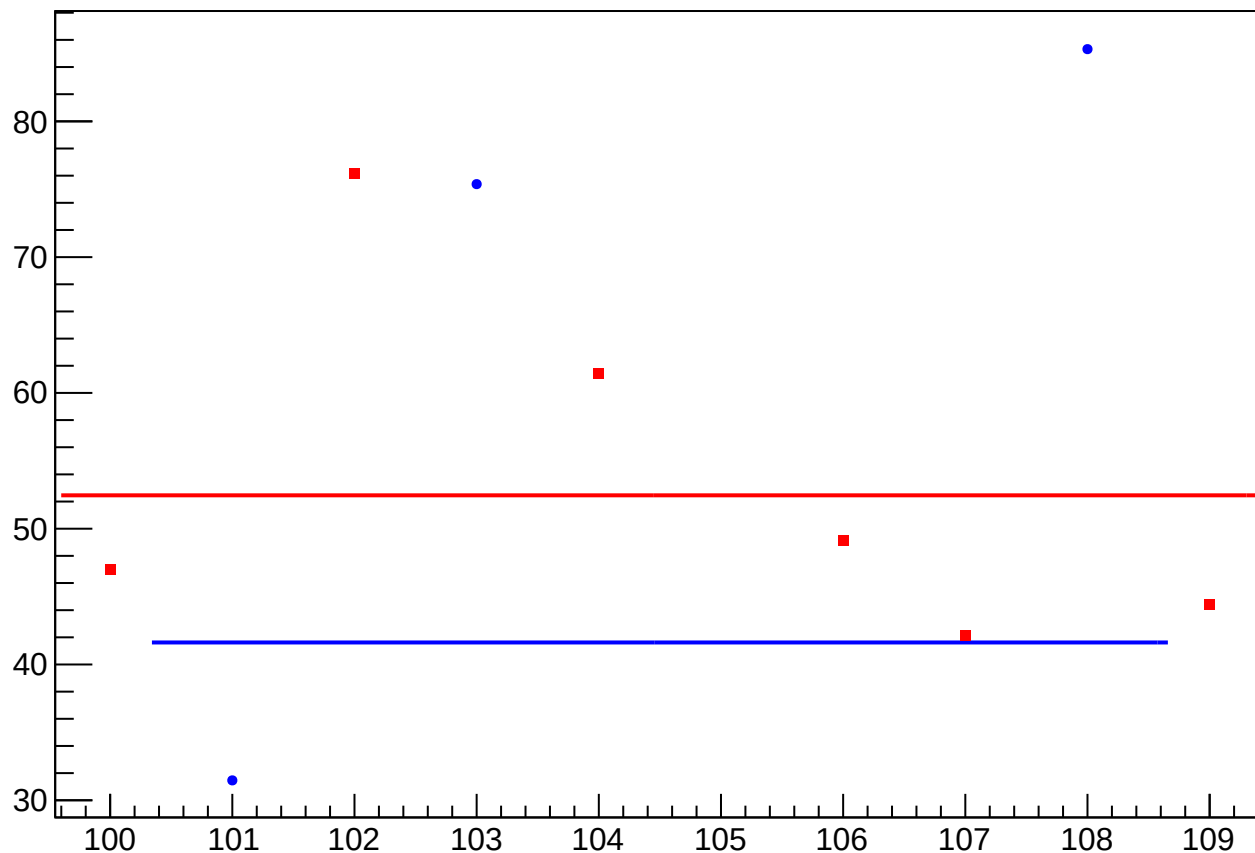
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.027 χ^2 /NDF: 3.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.622 $\pm$ 0.028 χ^2 /NDF: 497466.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.458 $\pm$ 0.027 χ^2 /NDF: 195155.9/5

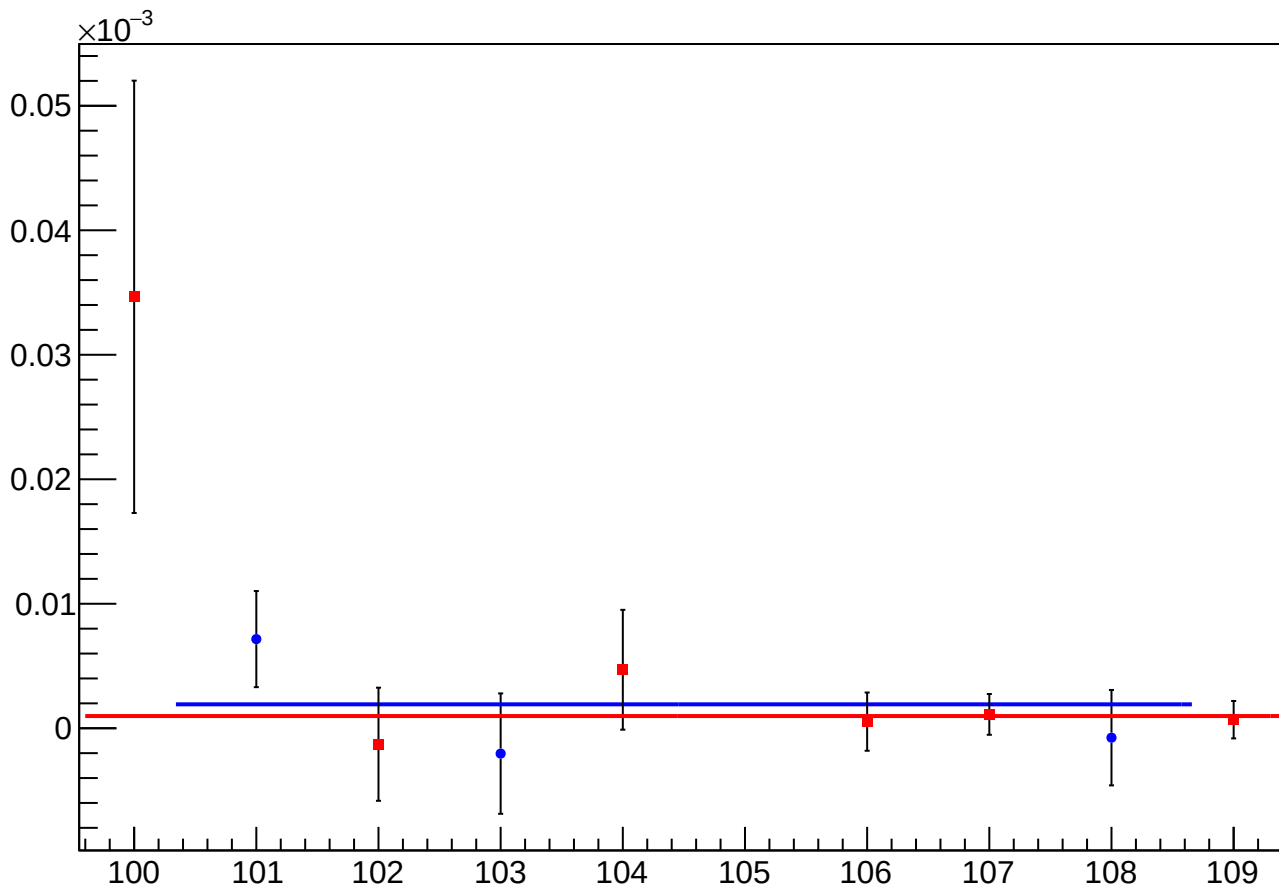
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.131 $\pm$ 0.019 χ^2 /NDF: 771251.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.7/5

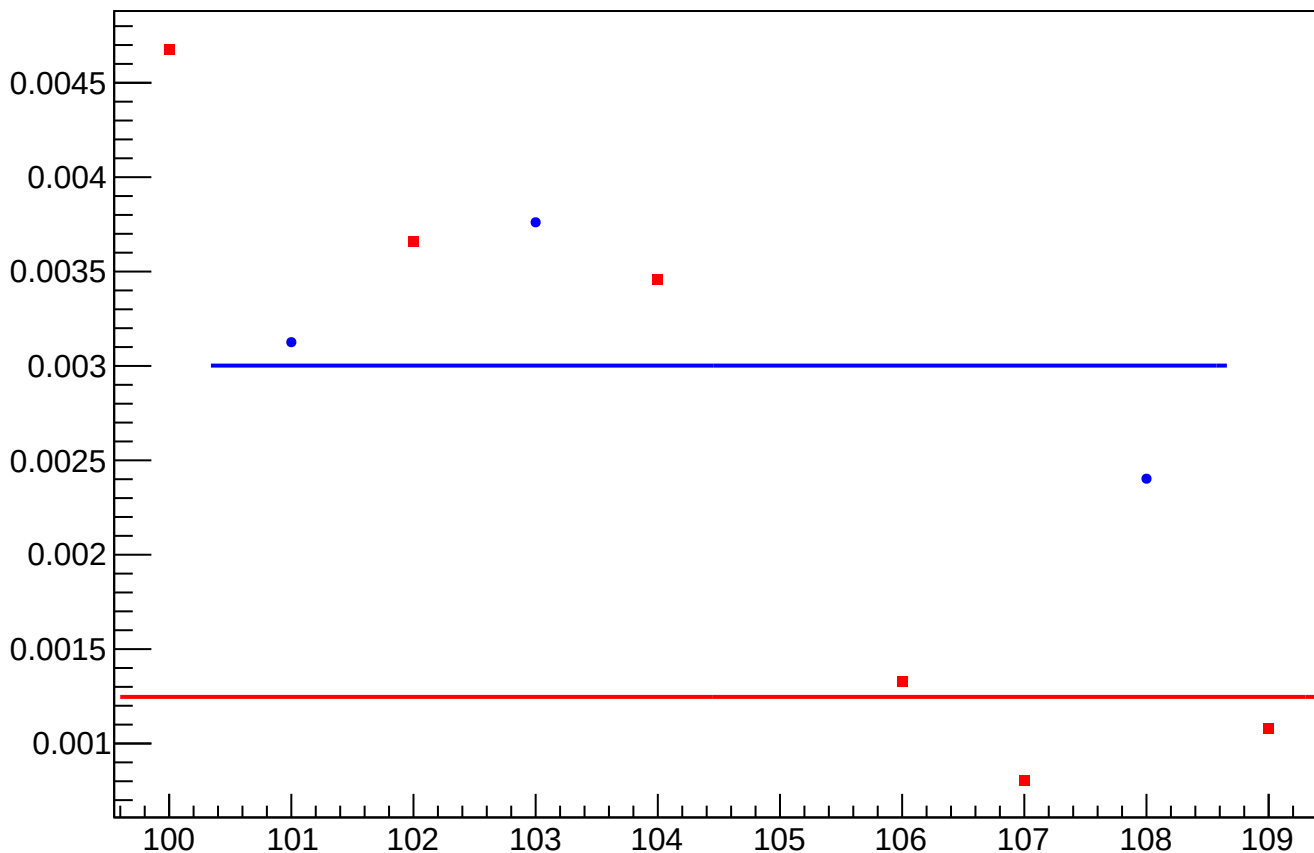
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 100221.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1236635.8/5

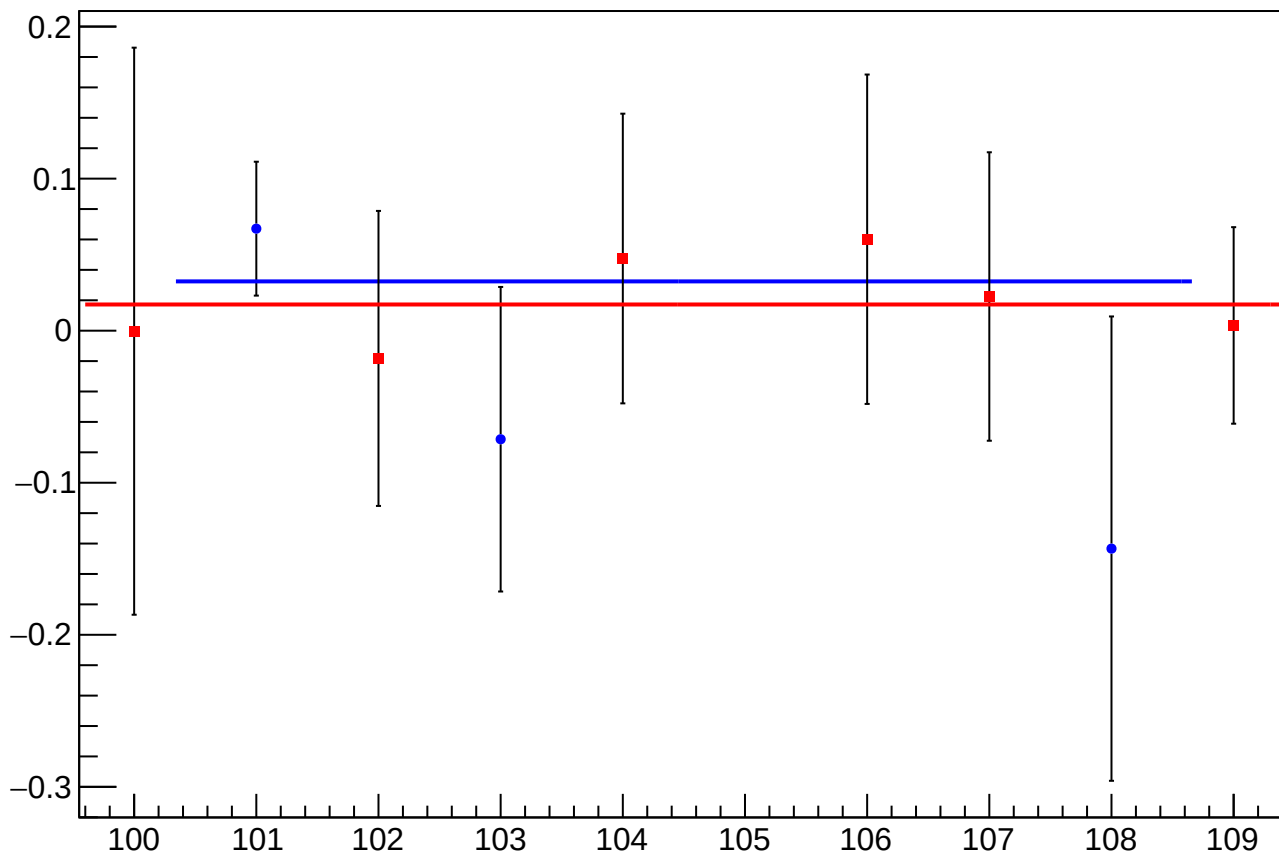
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2279696.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.039 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.038 χ^2 /NDF: 0.4/5

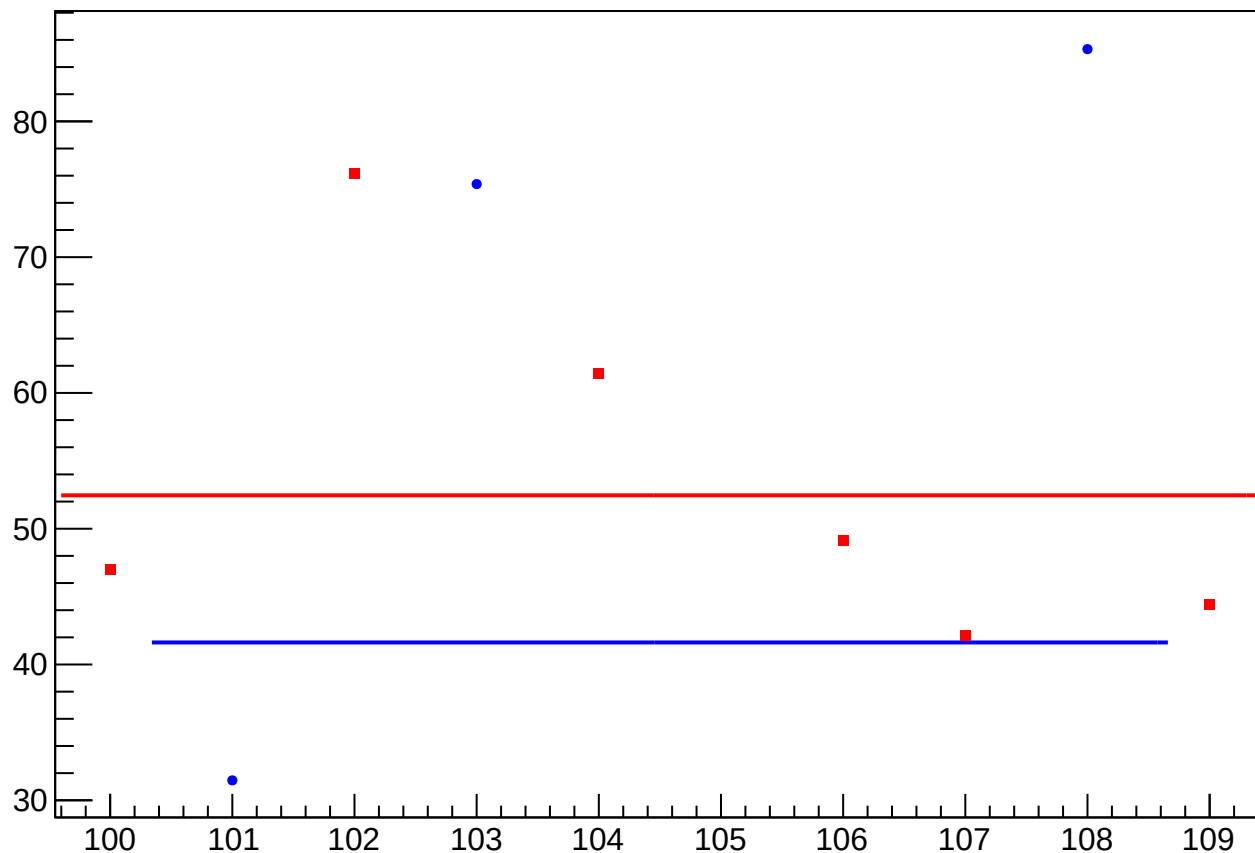
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.027 χ^2 /NDF: 3.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 41.624 $\pm$ 0.028 χ^2 /NDF: 497463.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.459 $\pm$ 0.027 χ^2 /NDF: 195151.0/5

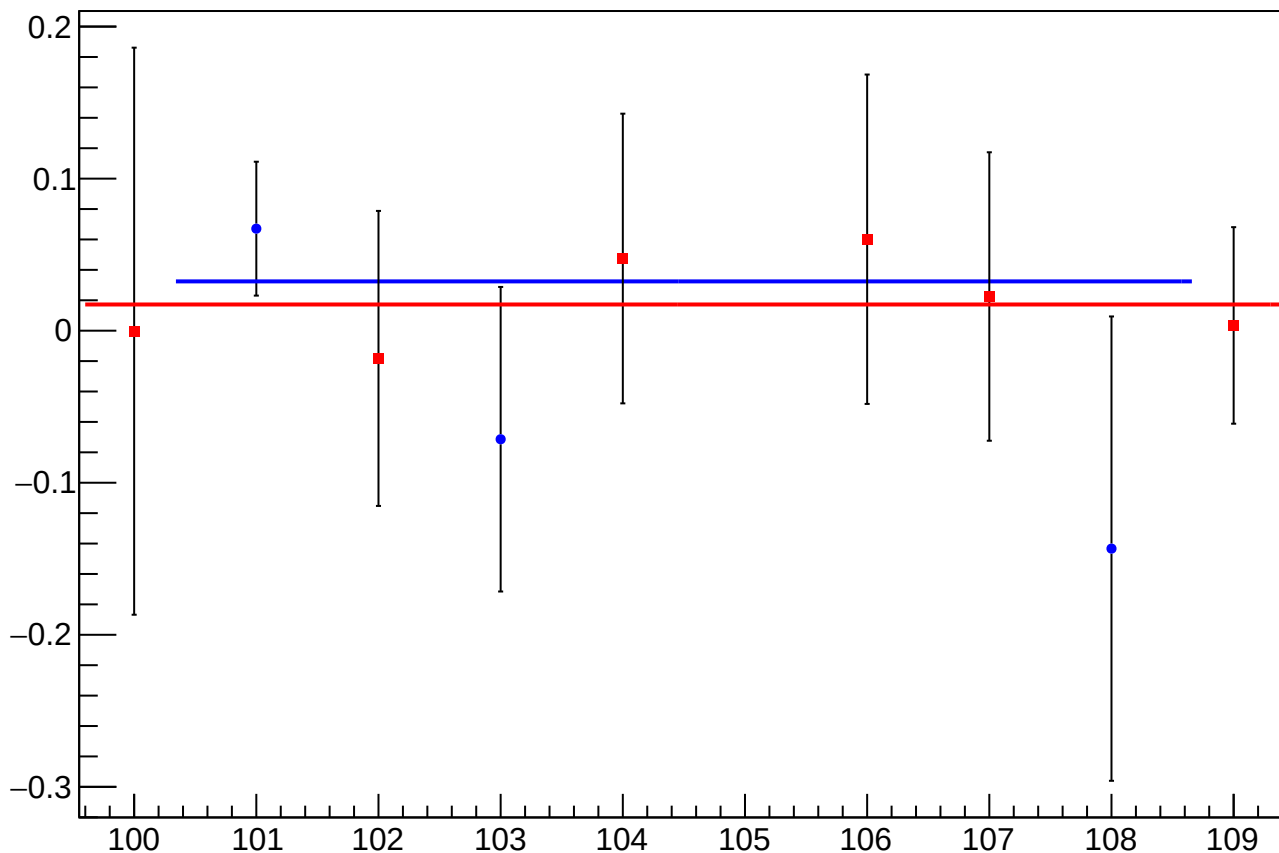
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.132 $\pm$ 0.019 χ^2 /NDF: 771222.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.032 $\pm$ 0.039 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.017 $\pm$ 0.038 χ^2 /NDF: 0.4/5

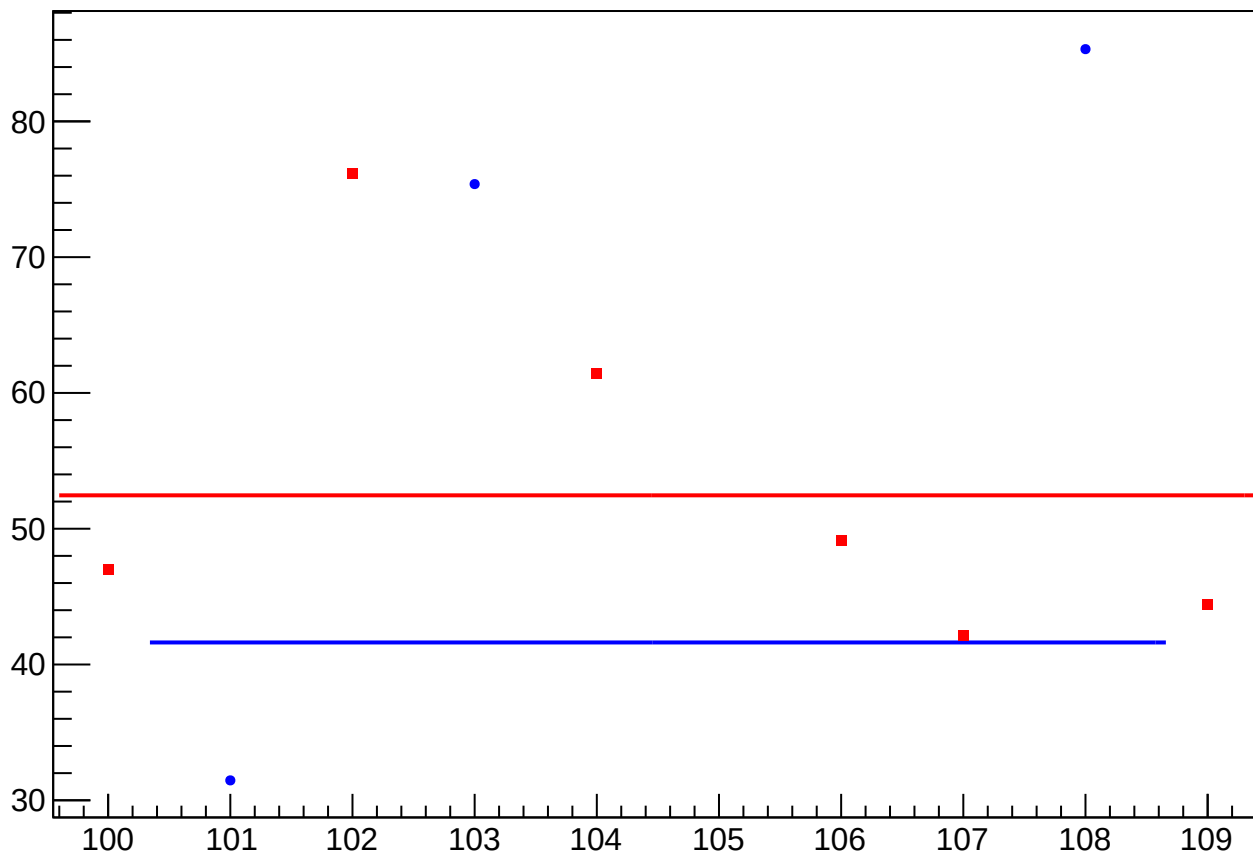
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.025 $\pm$ 0.027 χ^2 /NDF: 3.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.624 $\pm$ 0.028 χ^2 /NDF: 497463.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.459 $\pm$ 0.027 χ^2 /NDF: 195151.0/5

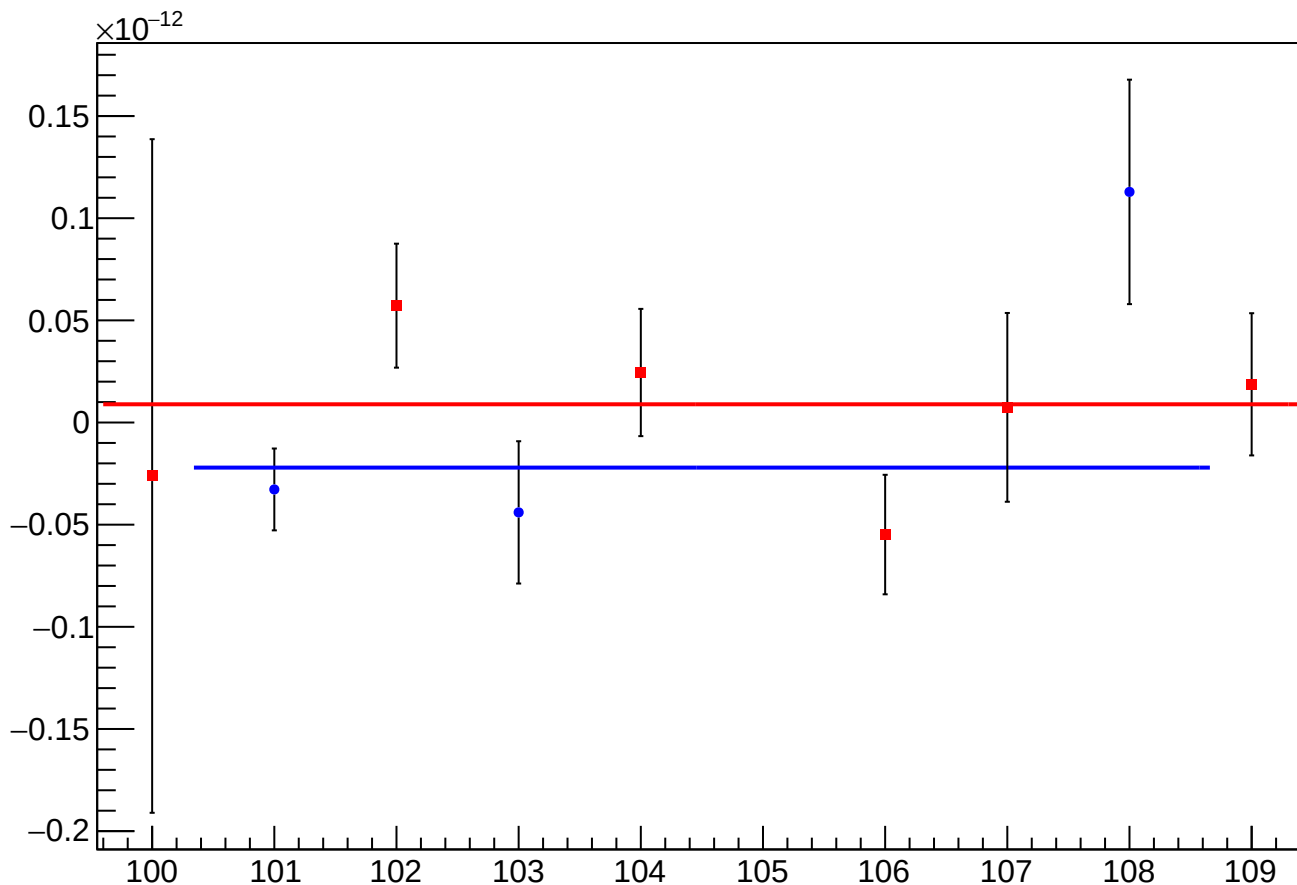
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.132 $\pm$ 0.019 χ^2 /NDF: 771222.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 6.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 7.7/5

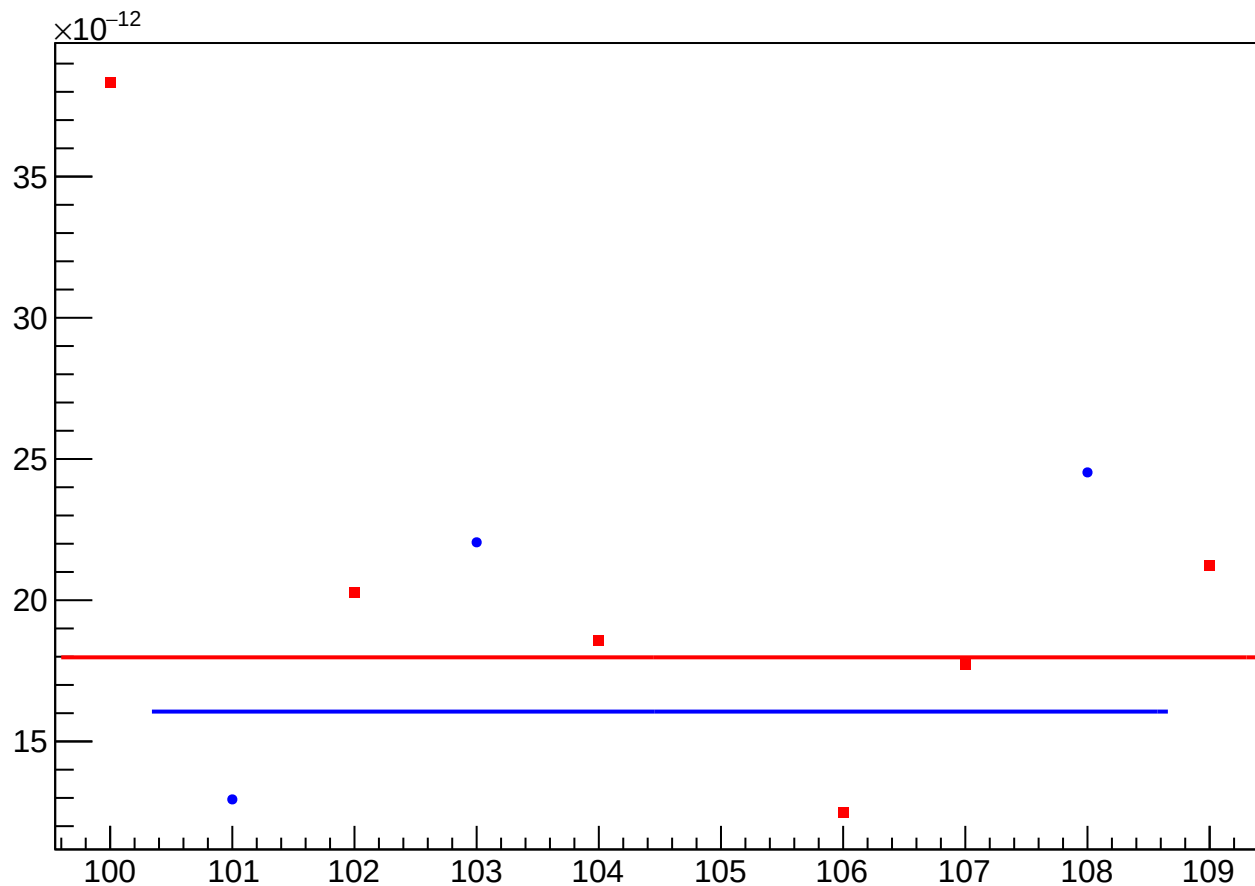
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 16.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 154968.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 130323.1/5

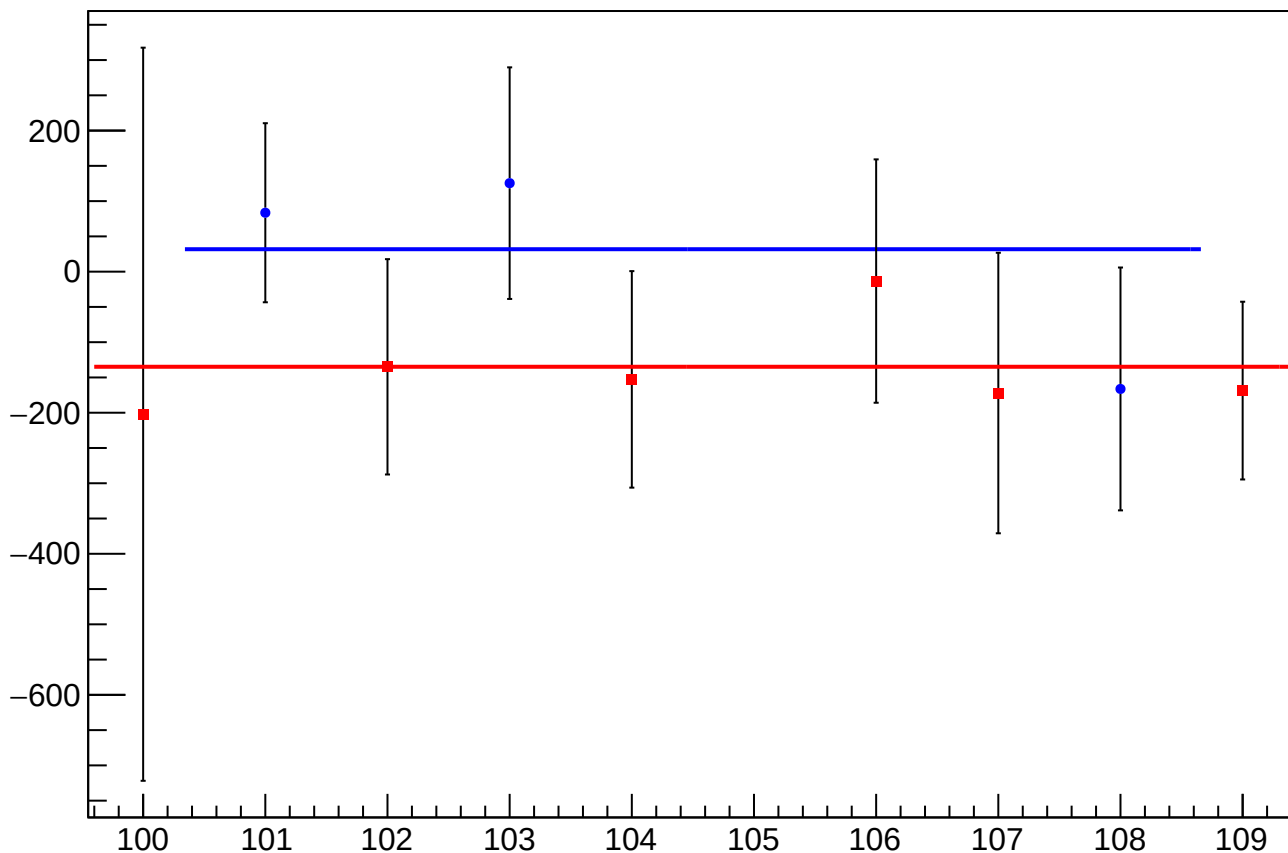
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 300329.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_mean vs Slug



Right In: 31.815+/-86.748 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.841+/-68.852 χ^2/NDF : 0.6/5

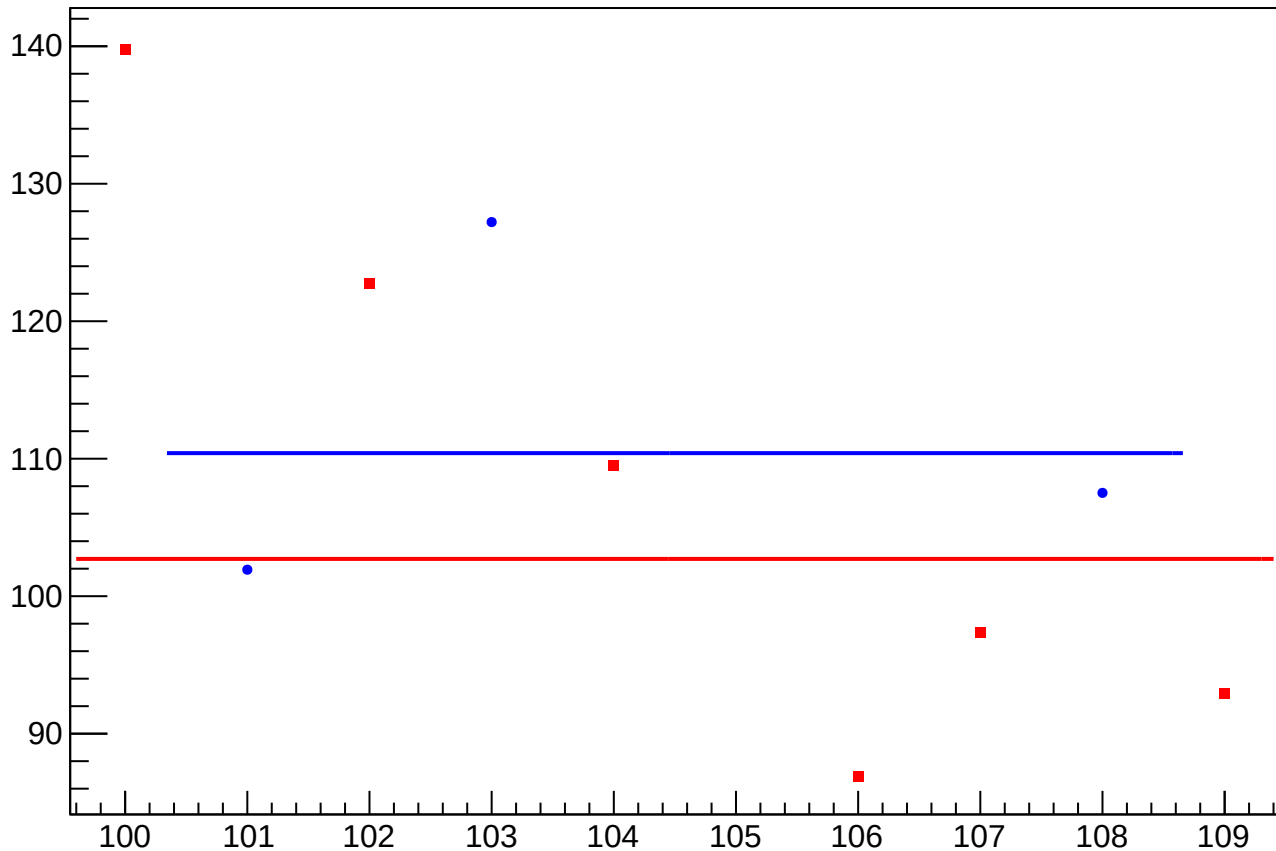
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.430+/-53.930 χ^2/NDF : 4.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_rms vs Slug



Right In: 110.405 $\pm$ 0.061 χ^2 /NDF: 30441.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.712 $\pm$ 0.049 χ^2 /NDF: 78832.2/5

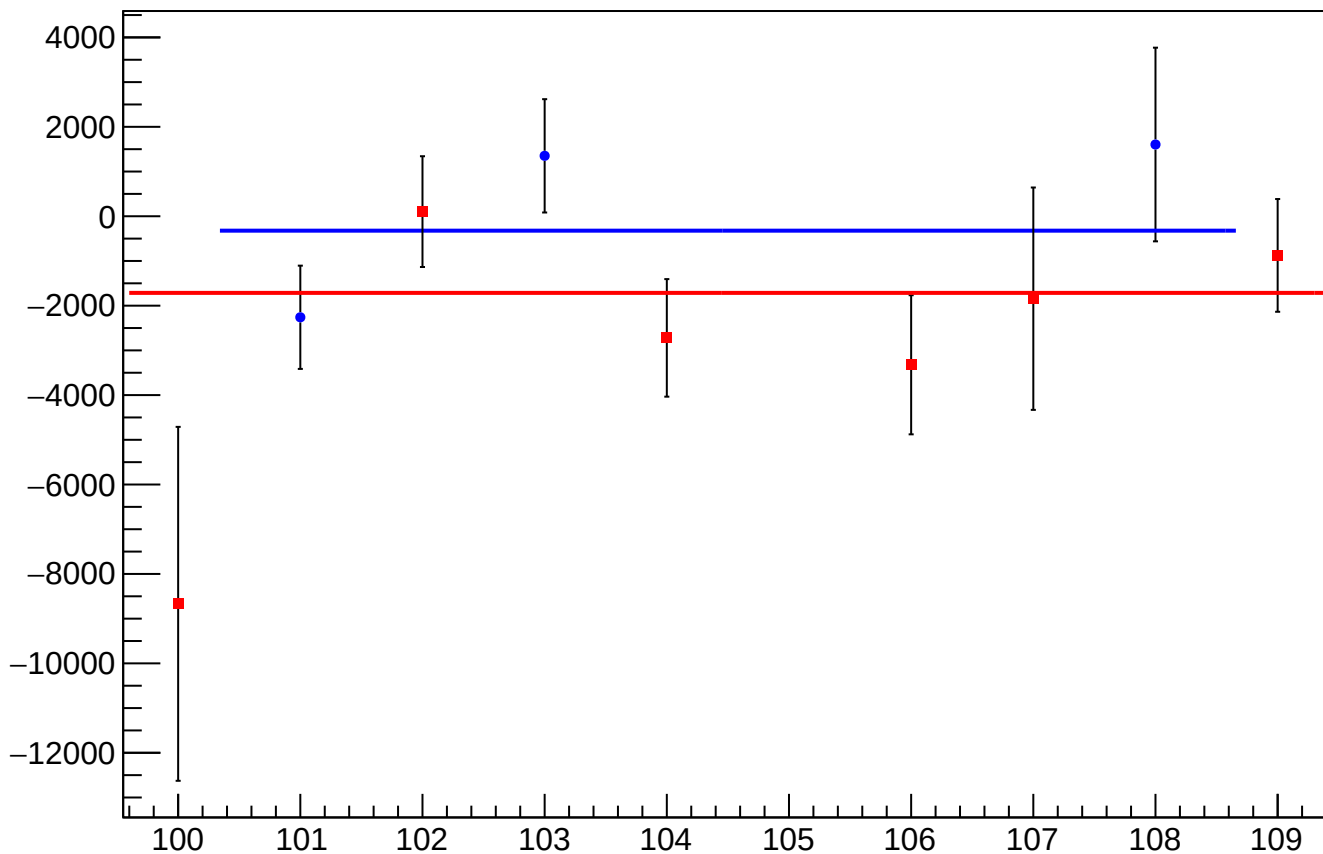
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.685 $\pm$ 0.038 χ^2 /NDF: 118924.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: -322.433+/-794.094 χ^2 /NDF: 5.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1713.990+/-632.708 χ^2 /NDF: 7.3/5

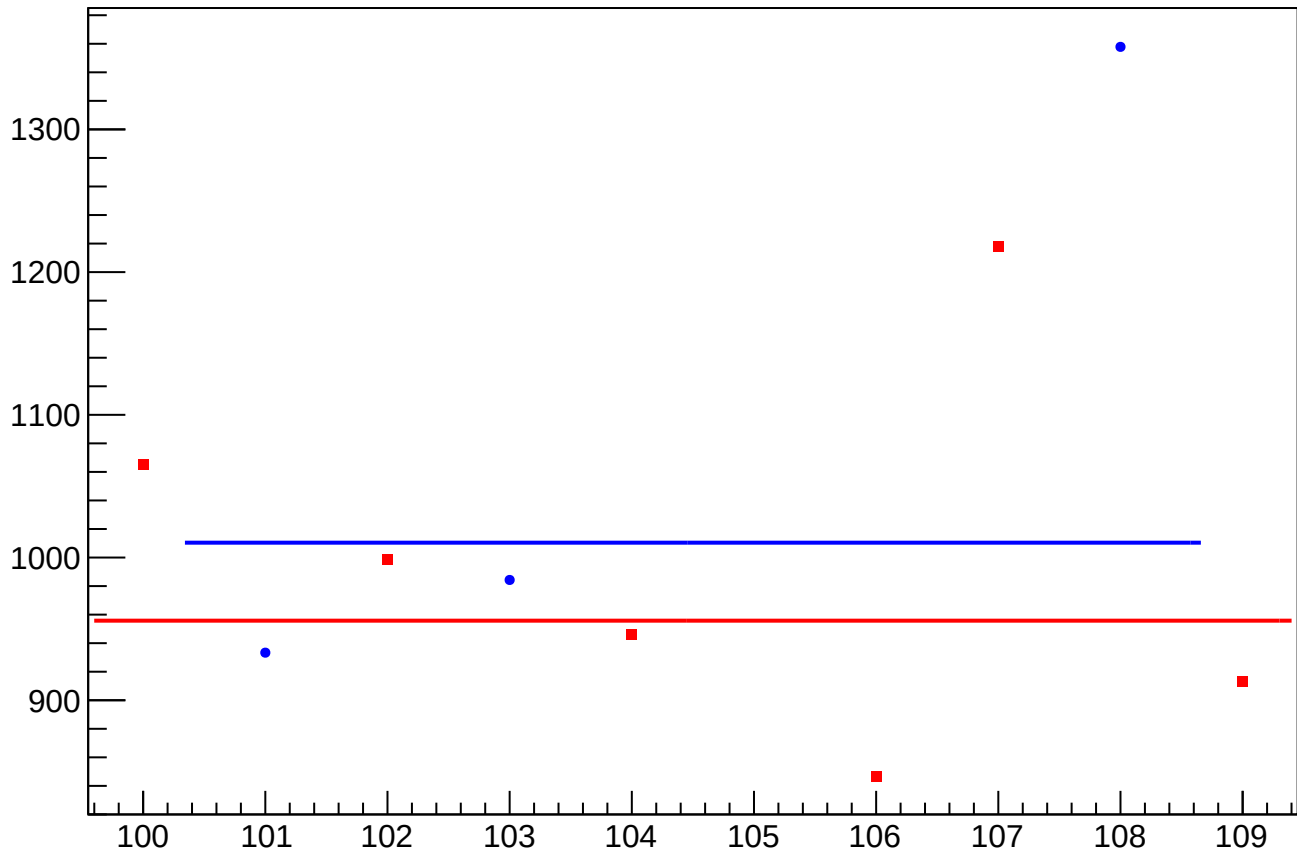
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1173.623+/-494.842 χ^2 /NDF: 14.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 1010.417 $\pm$ 0.562 χ^2 /NDF: 61221.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 955.768 $\pm$ 0.447 χ^2 /NDF: 38328.4/5

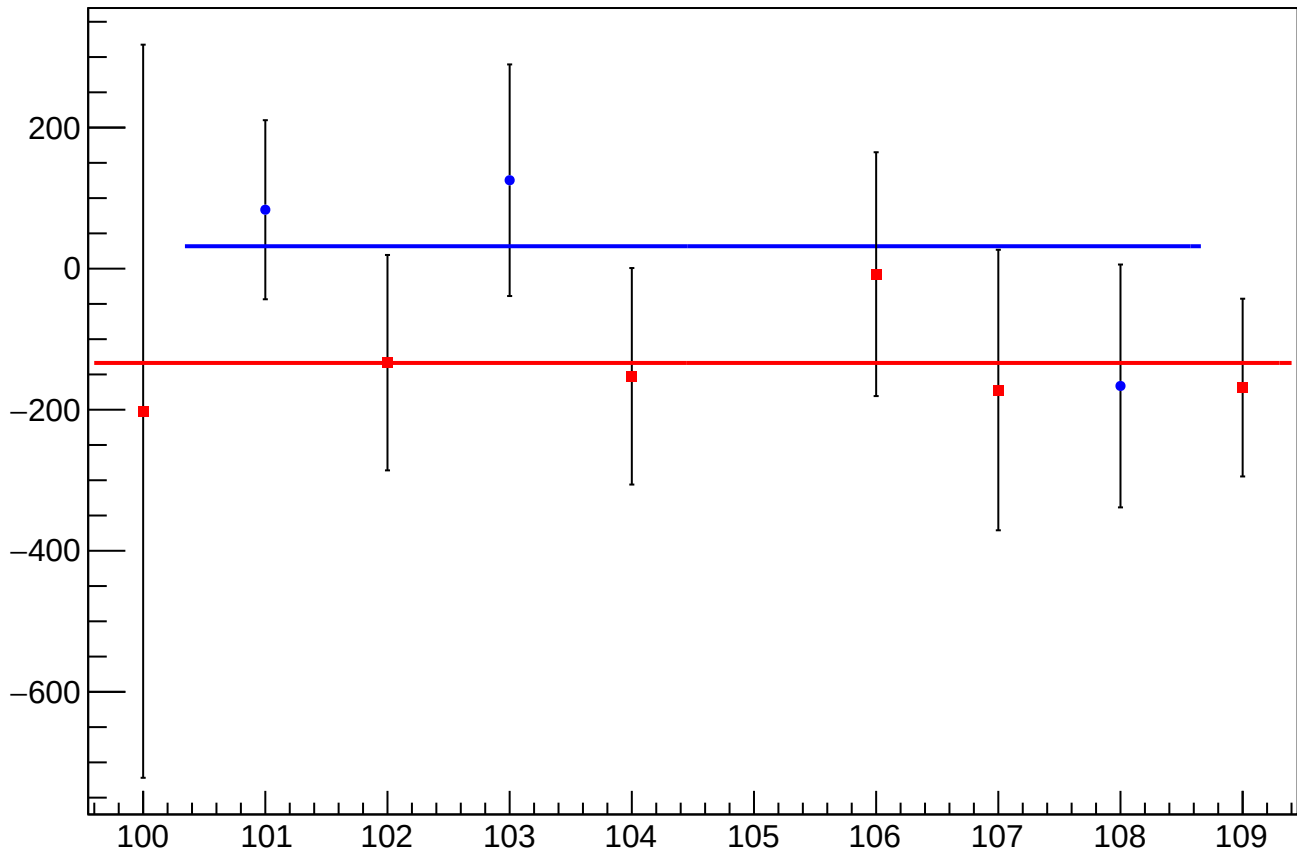
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 976.989 $\pm$ 0.350 χ^2 /NDF: 105343.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_mean vs Slug



Right In: 31.781 $\pm$ 86.748 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -133.687 $\pm$ 68.879 χ^2 /NDF: 0.7/5

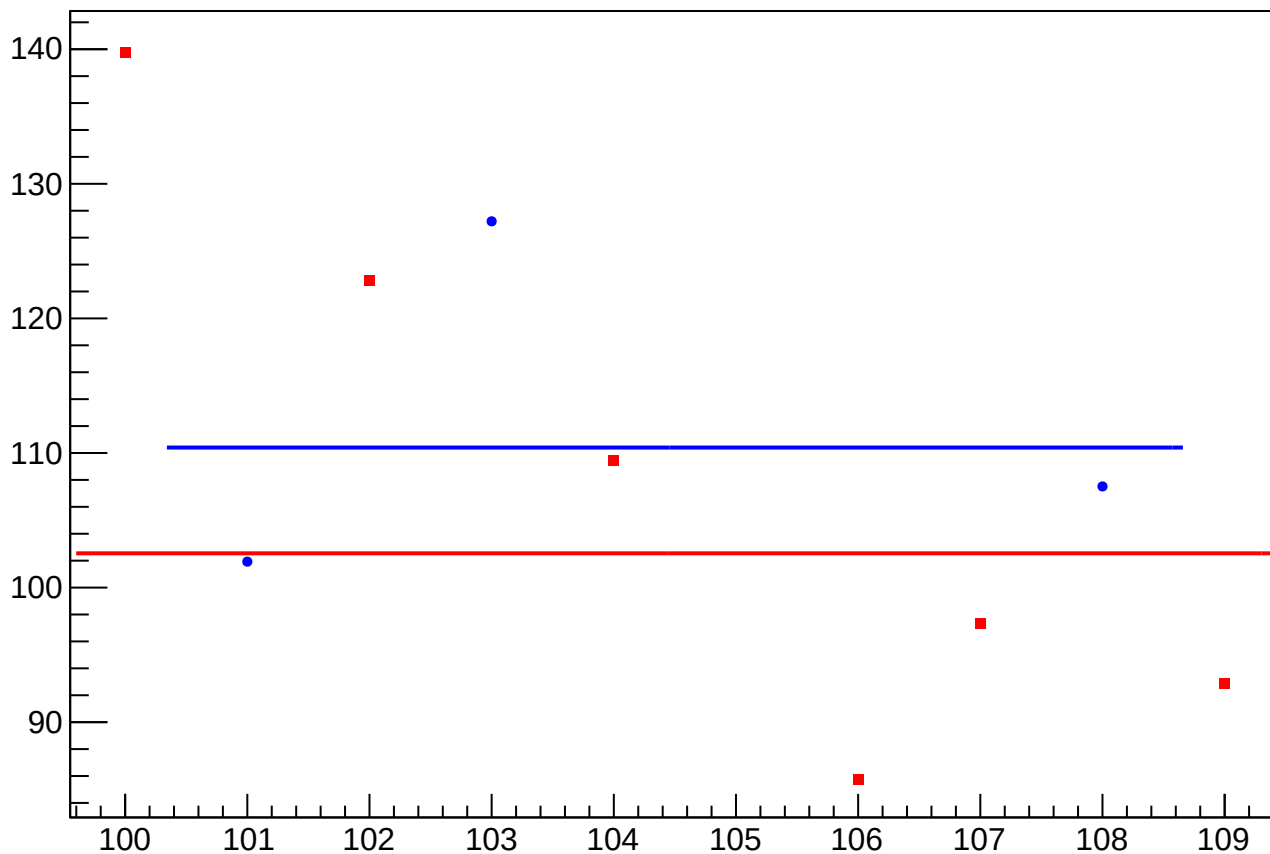
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.705 $\pm$ 53.943 χ^2 /NDF: 4.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_rms vs Slug



Right In: 110.405 $\pm$ 0.061 χ^2 /NDF: 30442.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.545 $\pm$ 0.049 χ^2 /NDF: 81402.6/5

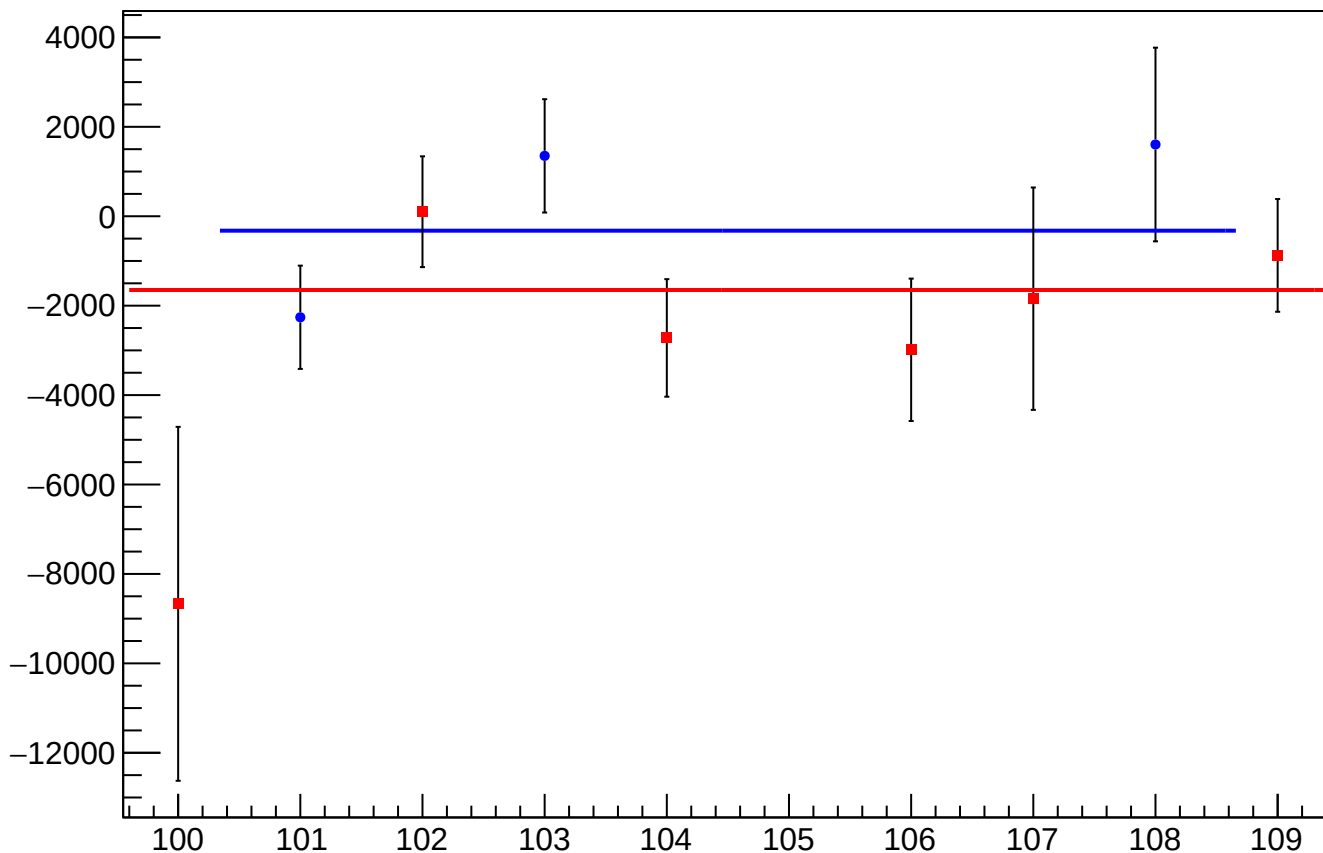
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.585 $\pm$ 0.038 χ^2 /NDF: 121914.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_mean vs Slug



Right In: -322.752+/-794.113 χ^2 /NDF: 5.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1649.587+/-635.176 χ^2 /NDF: 6.9/5

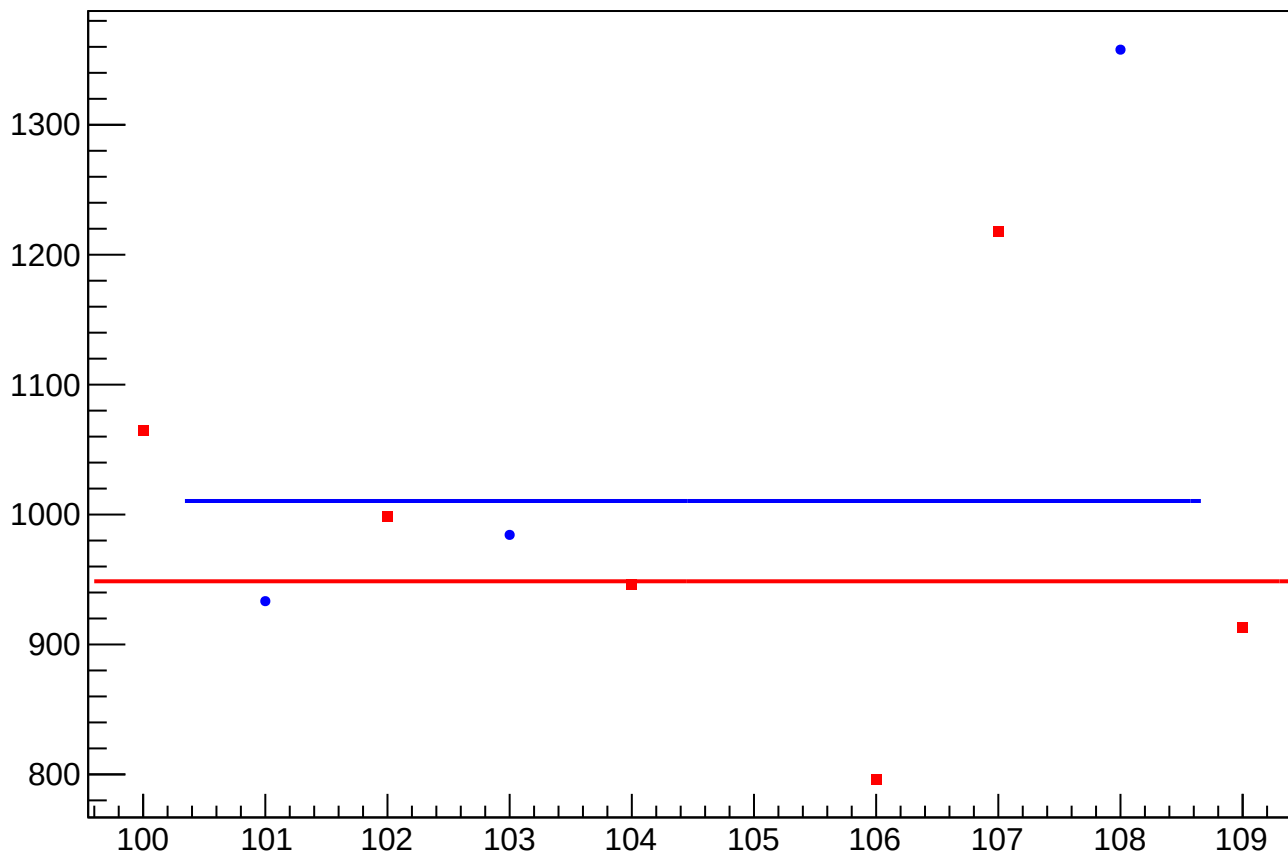
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1131.911+/-496.024 χ^2 /NDF: 13.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 1010.442 $\pm$ 0.562 χ^2 /NDF: 61217.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 948.638 $\pm$ 0.449 χ^2 /NDF: 48366.5/5

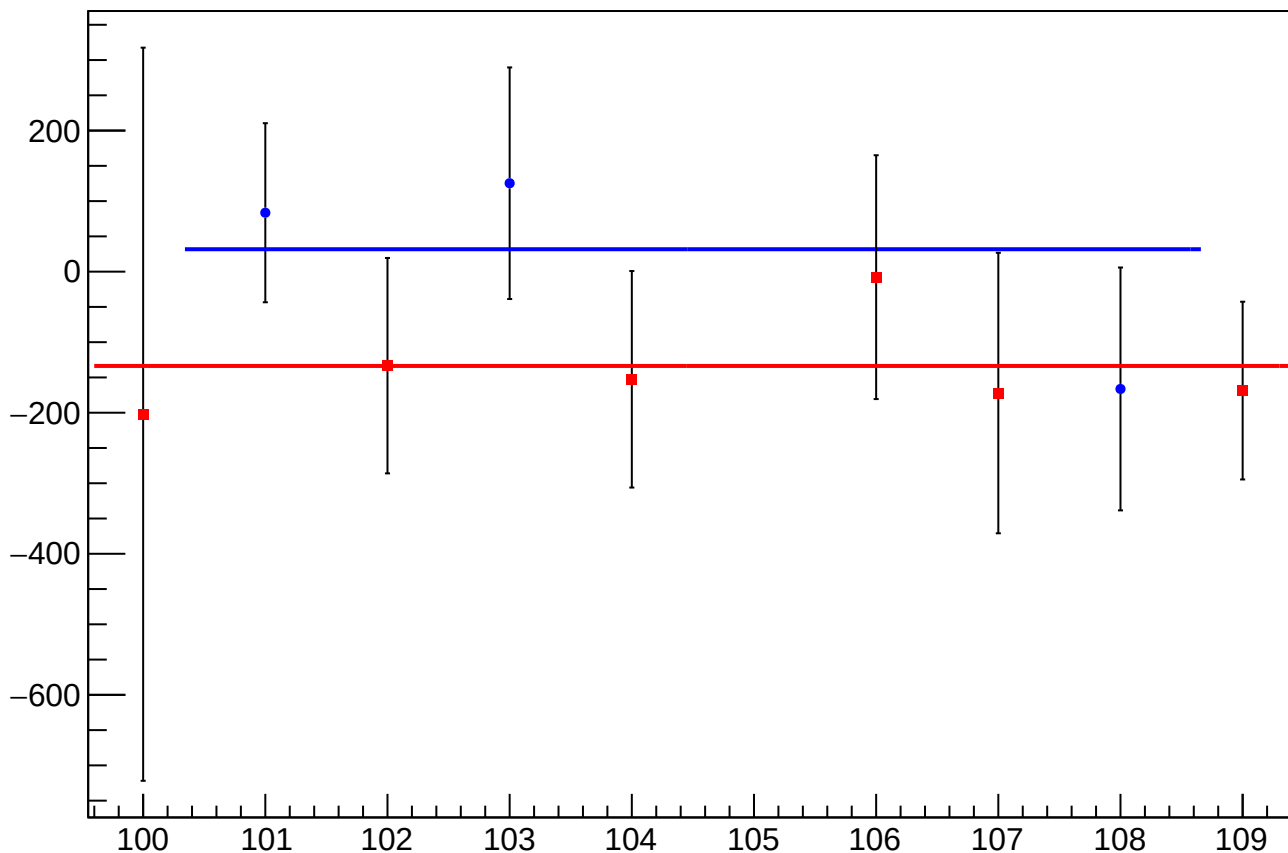
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 972.751 $\pm$ 0.351 χ^2 /NDF: 116971.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 31.781 $\pm$ 86.748 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -133.687 $\pm$ 68.879 χ^2 /NDF: 0.7/5

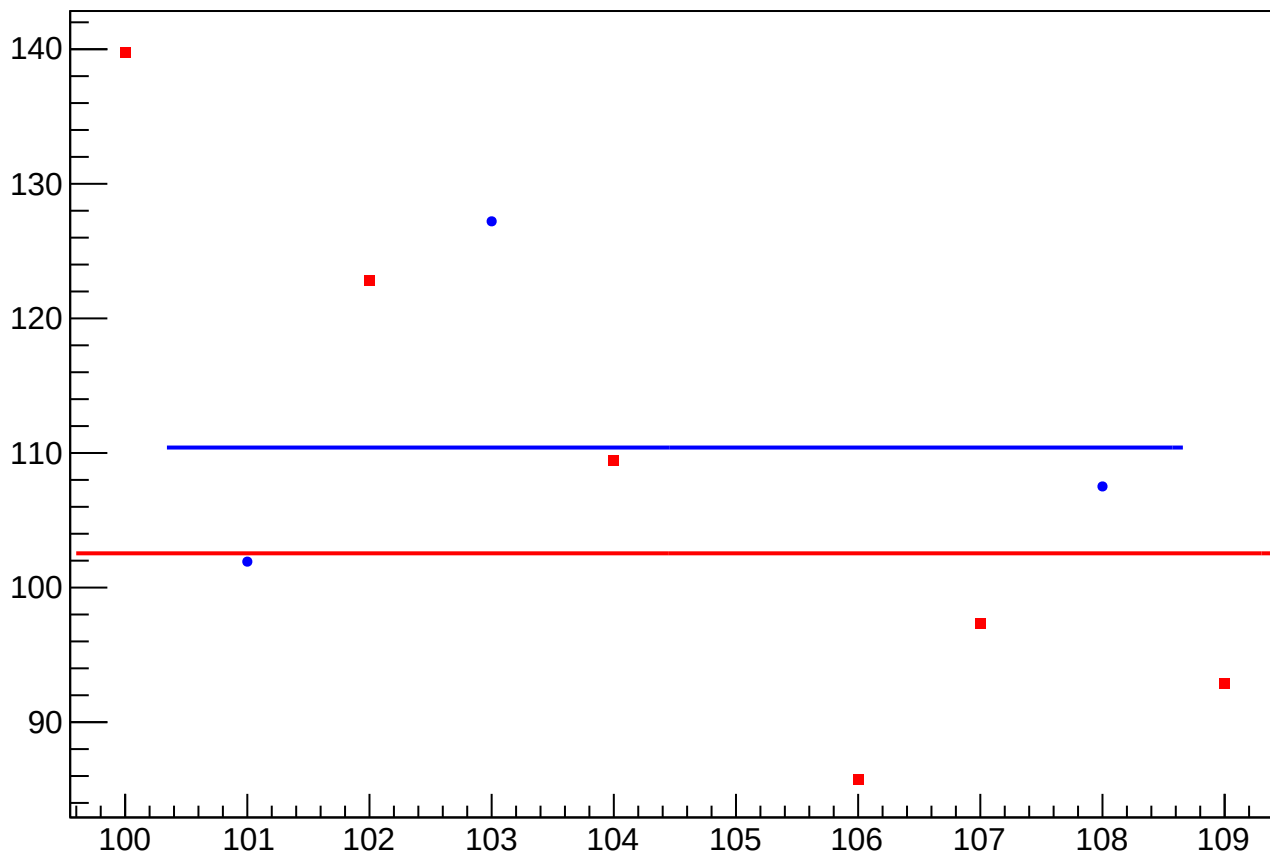
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -69.705 $\pm$ 53.943 χ^2 /NDF: 4.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 110.405 $\pm$ 0.061 χ^2 /NDF: 30442.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 102.545 $\pm$ 0.049 χ^2 /NDF: 81402.6/5

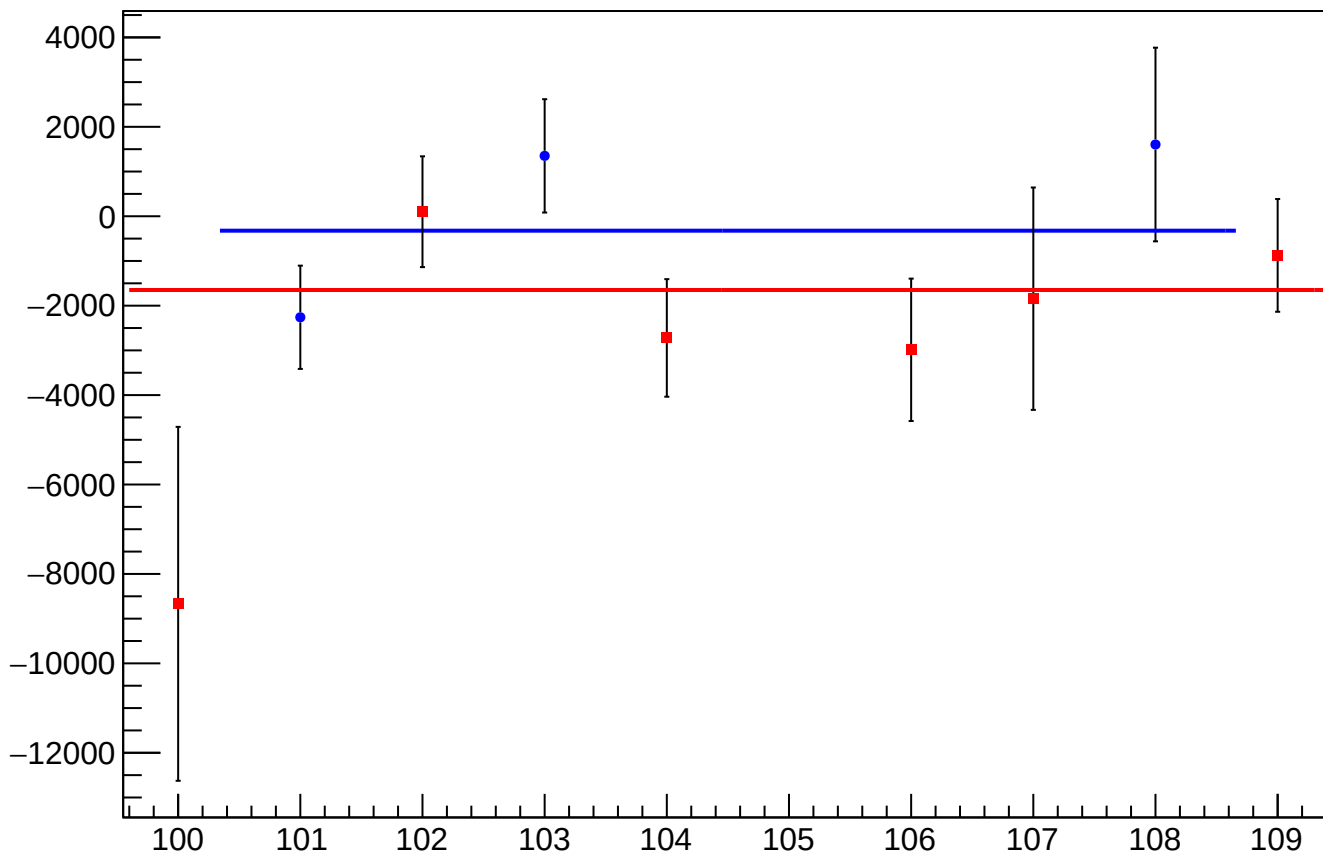
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.585 $\pm$ 0.038 χ^2 /NDF: 121914.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_correction_mean vs Slug



Right In: -322.752+/-794.113 χ^2 /NDF: 5.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1649.587+/-635.176 χ^2 /NDF: 6.9/5

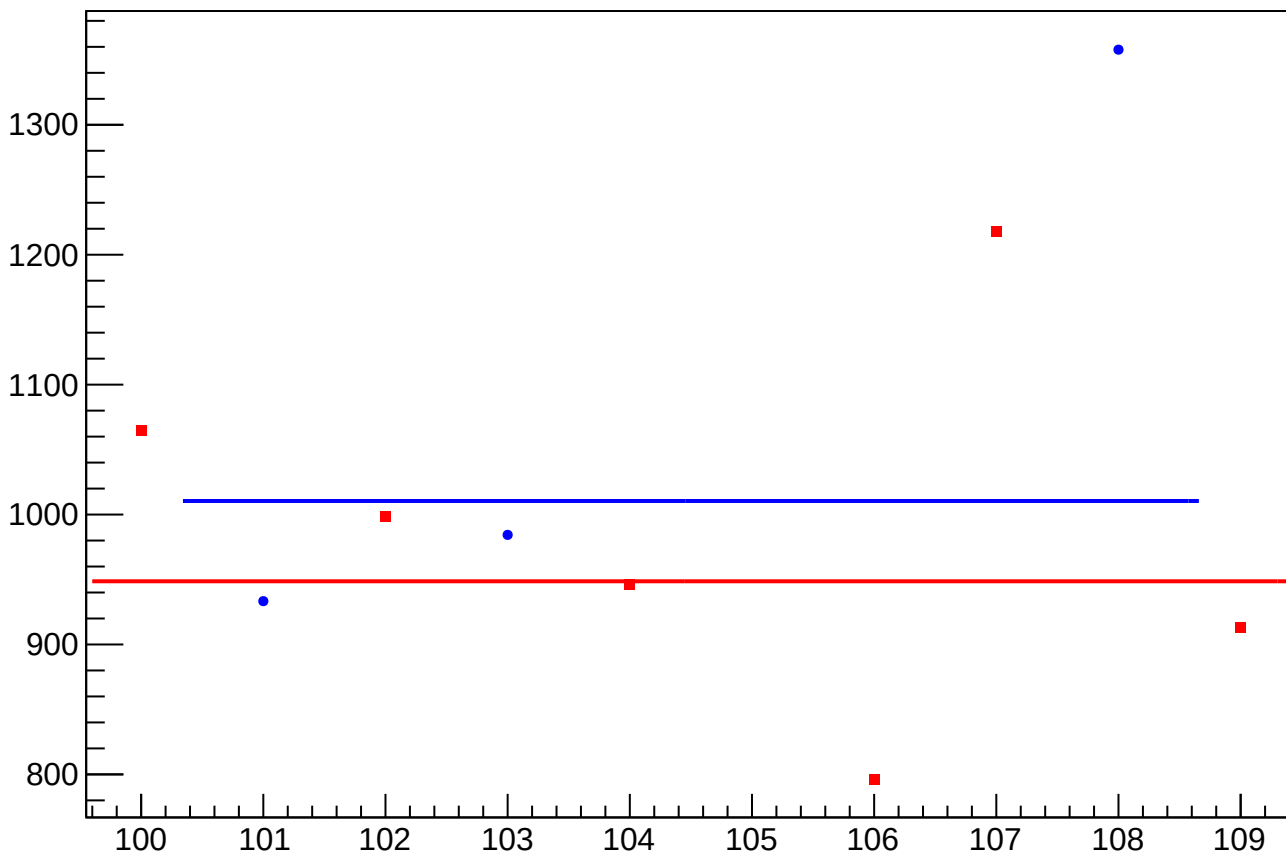
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1131.911+/-496.024 χ^2 /NDF: 13.9/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_correction_rms vs Slug



Right In: 1010.442 $\pm$ 0.562 χ^2 /NDF: 61217.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 948.638 $\pm$ 0.449 χ^2 /NDF: 48366.5/5

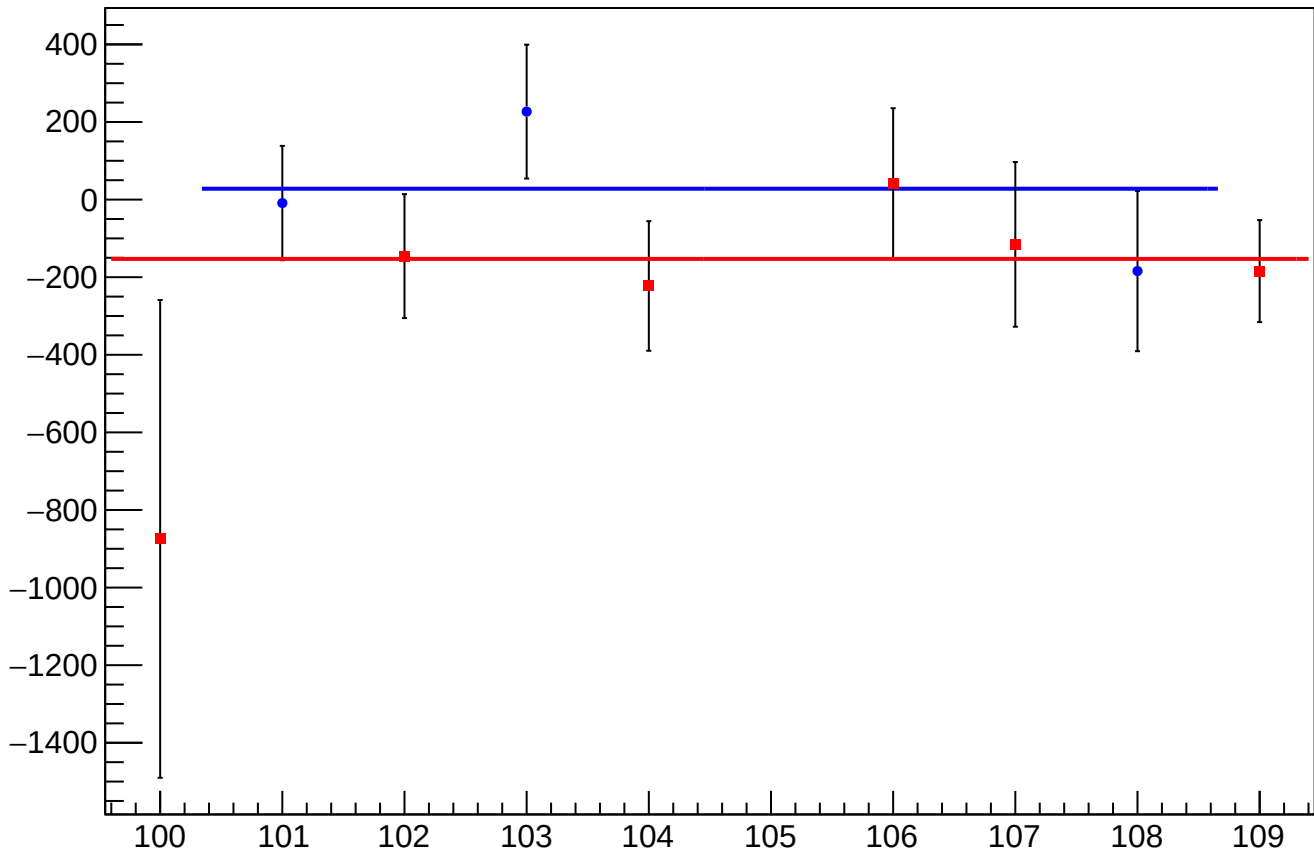
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 972.751 $\pm$ 0.351 χ^2 /NDF: 116971.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_mean vs Slug



Right In: 28.062 $\pm$ 98.480 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -152.852 $\pm$ 73.703 χ^2 /NDF: 2.6/5

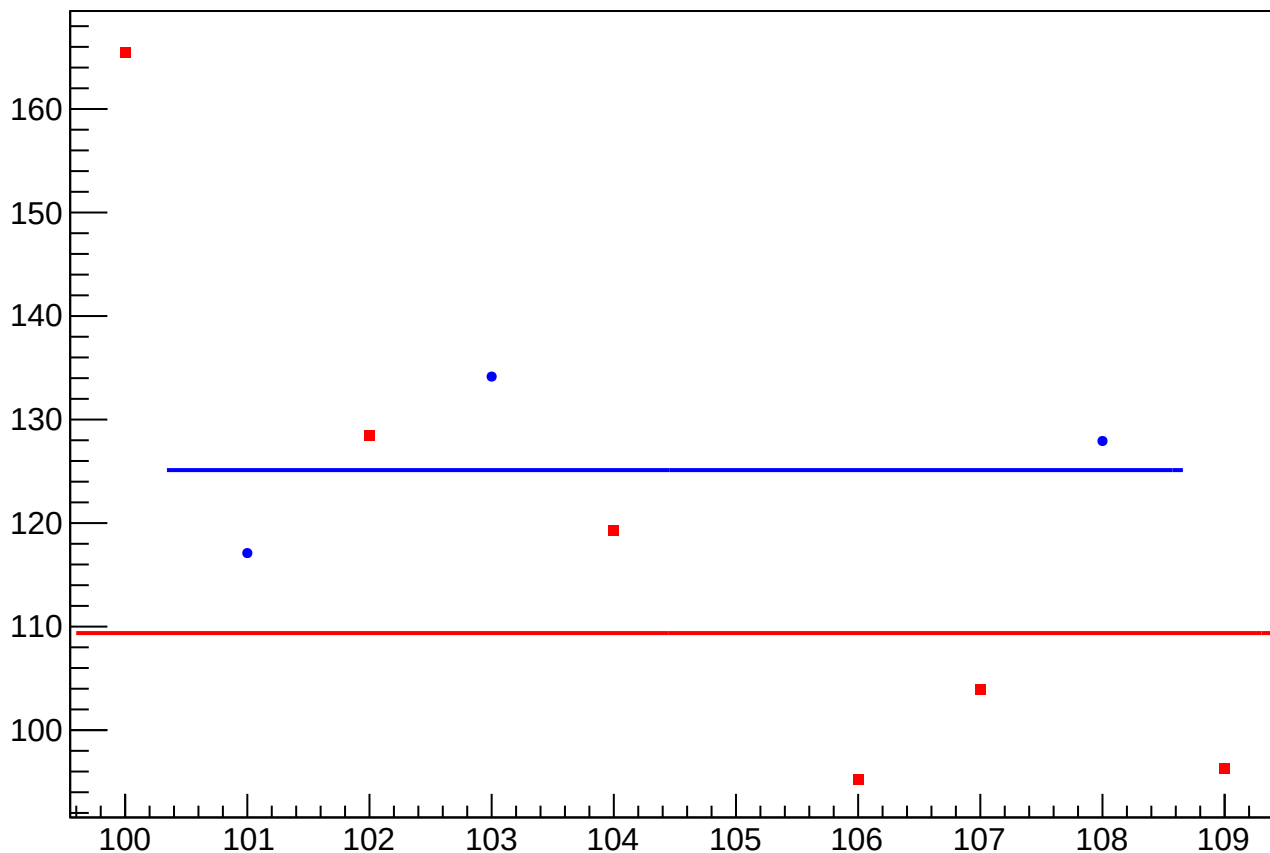
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -87.900 $\pm$ 59.008 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 125.118 $\pm$ 0.070 χ^2 /NDF: 11770.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.376 $\pm$ 0.052 χ^2 /NDF: 83792.8/5

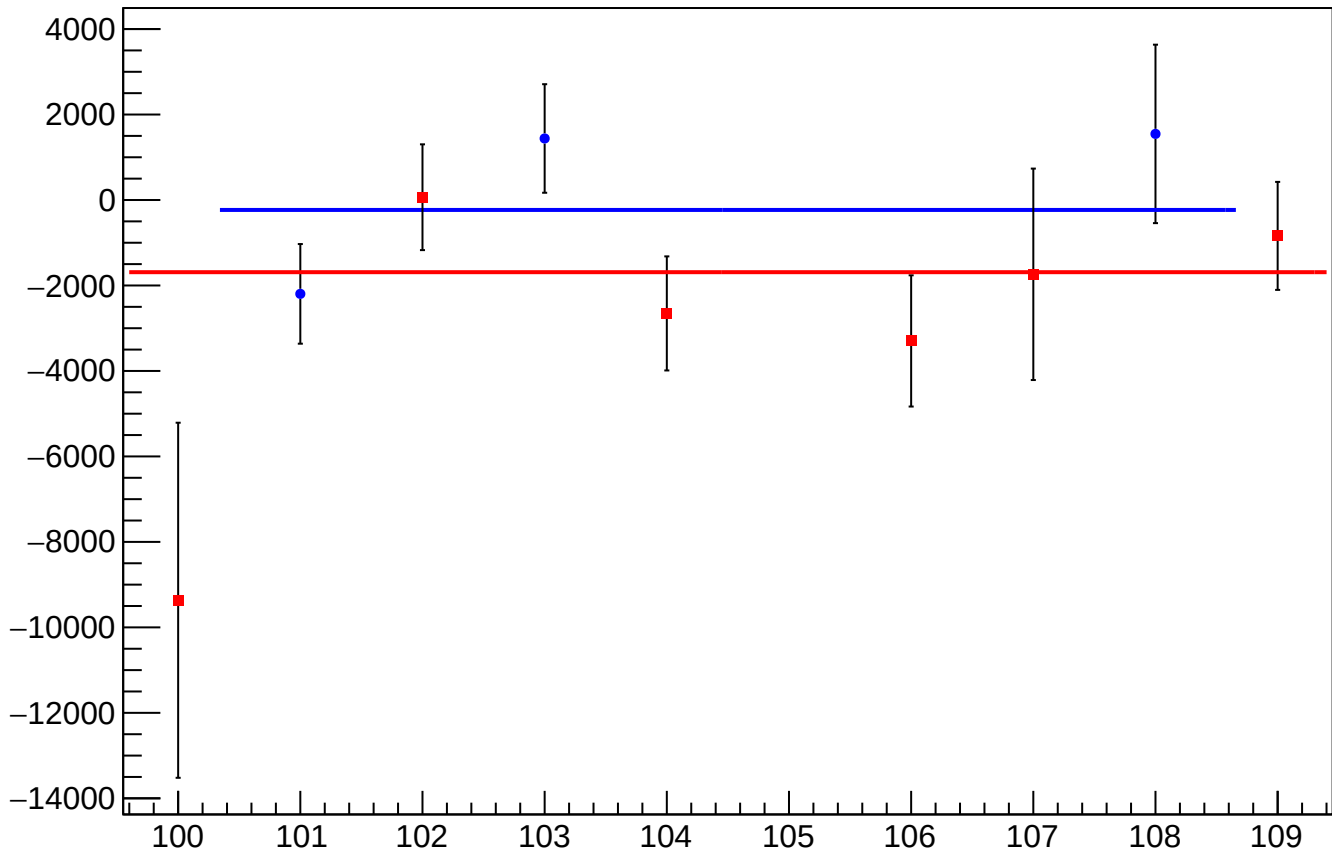
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.028 $\pm$ 0.042 χ^2 /NDF: 128321.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: -232.543+/-794.259 χ^2/NDF : 5.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1688.867+/-634.206 χ^2/NDF : 7.5/5

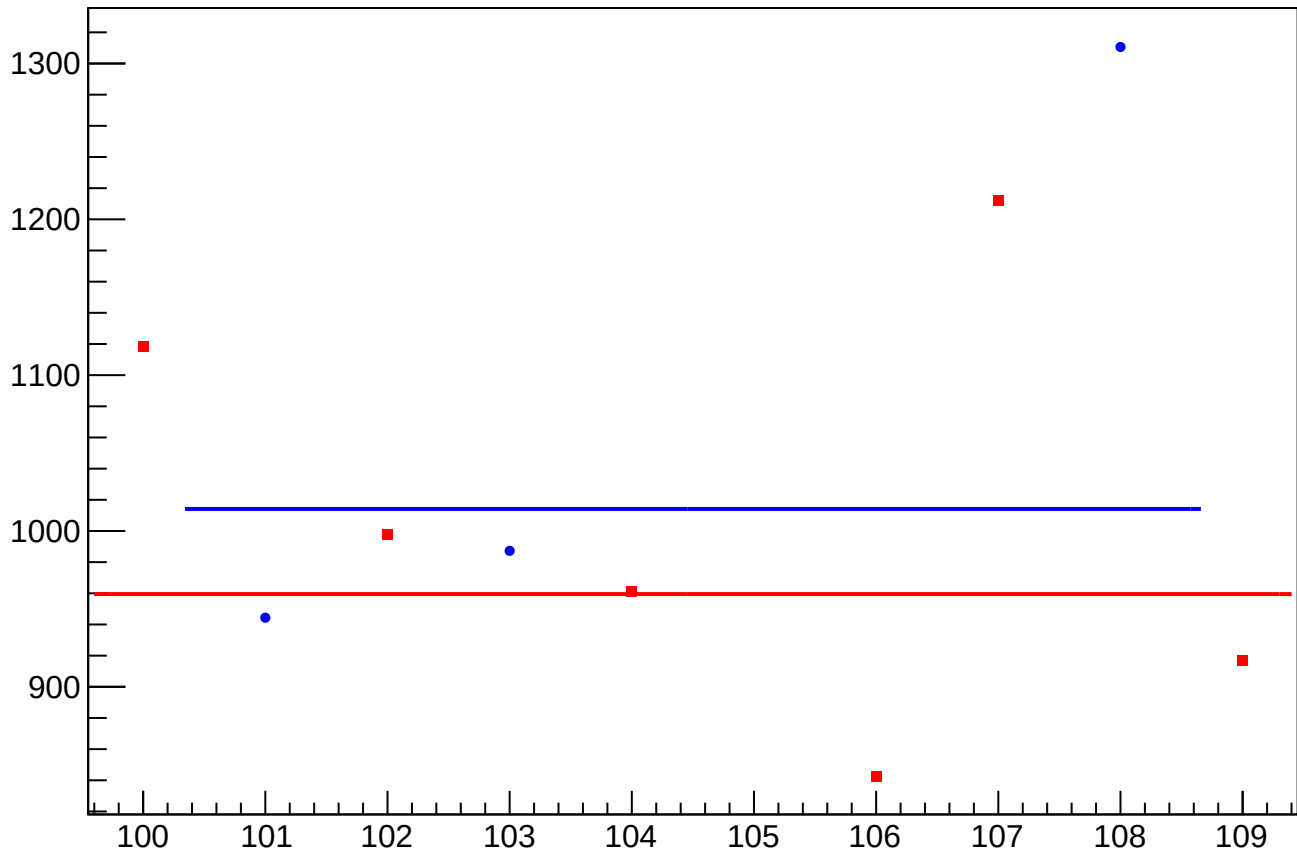
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1121.857+/-495.597 χ^2/NDF : 14.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1014.140 $\pm$ 0.562 χ^2 /NDF: 48384.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 959.506 $\pm$ 0.448 χ^2 /NDF: 39556.3/5

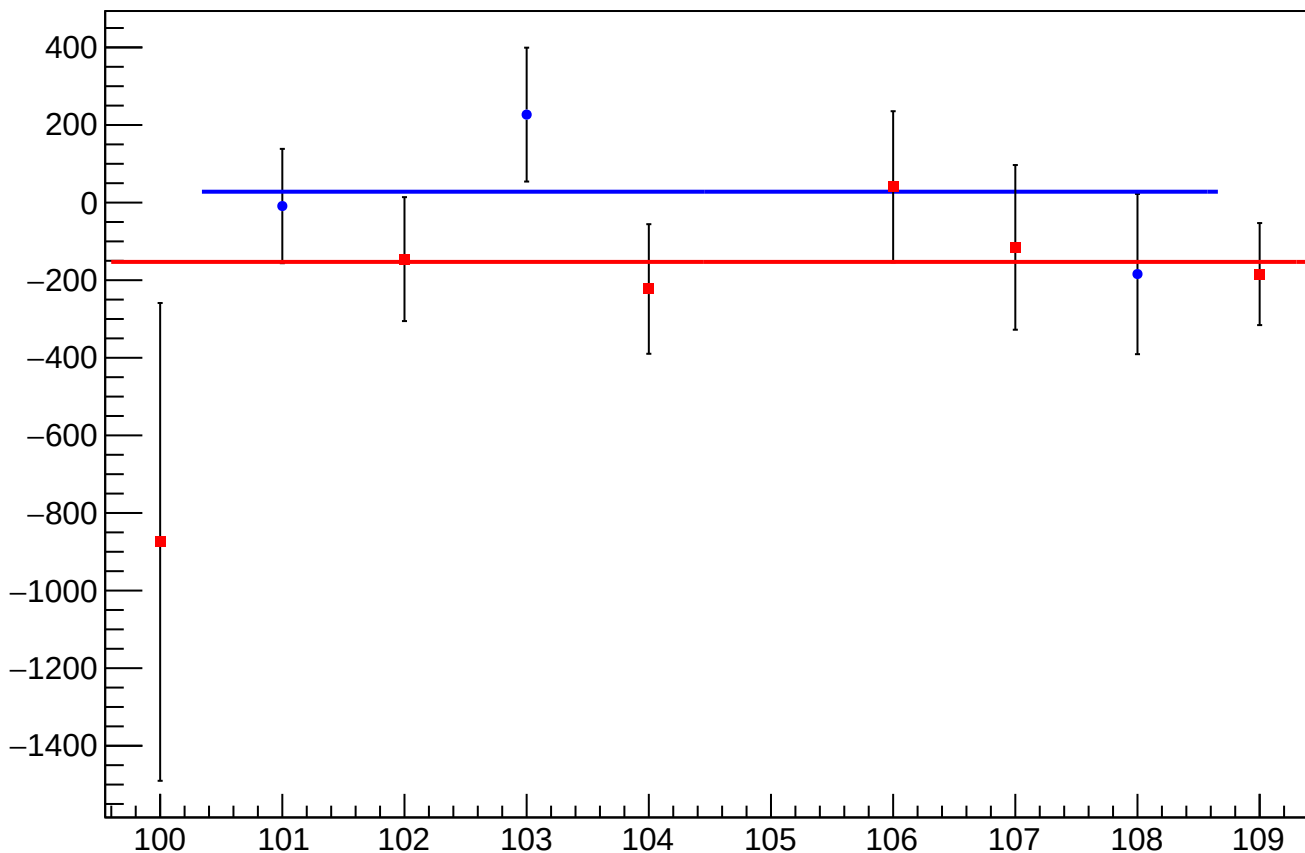
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 980.777 $\pm$ 0.350 χ^2 /NDF: 93719.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_mean vs Slug



Right In: 28.062 $\pm$ 98.480 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -152.851 $\pm$ 73.703 χ^2 /NDF: 2.6/5

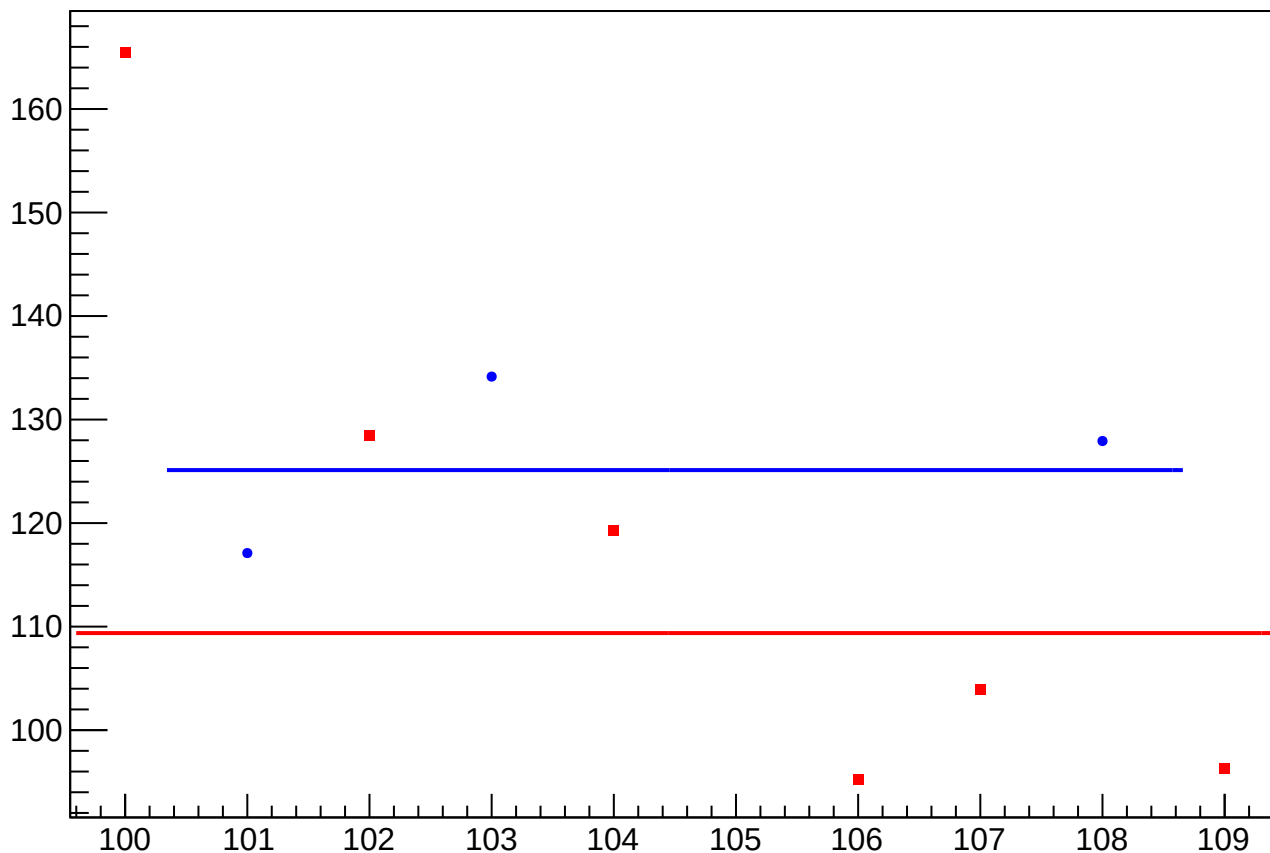
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -87.899 $\pm$ 59.008 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 125.119 $\pm$ 0.070 χ^2 /NDF: 11769.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.376 $\pm$ 0.052 χ^2 /NDF: 83792.3/5

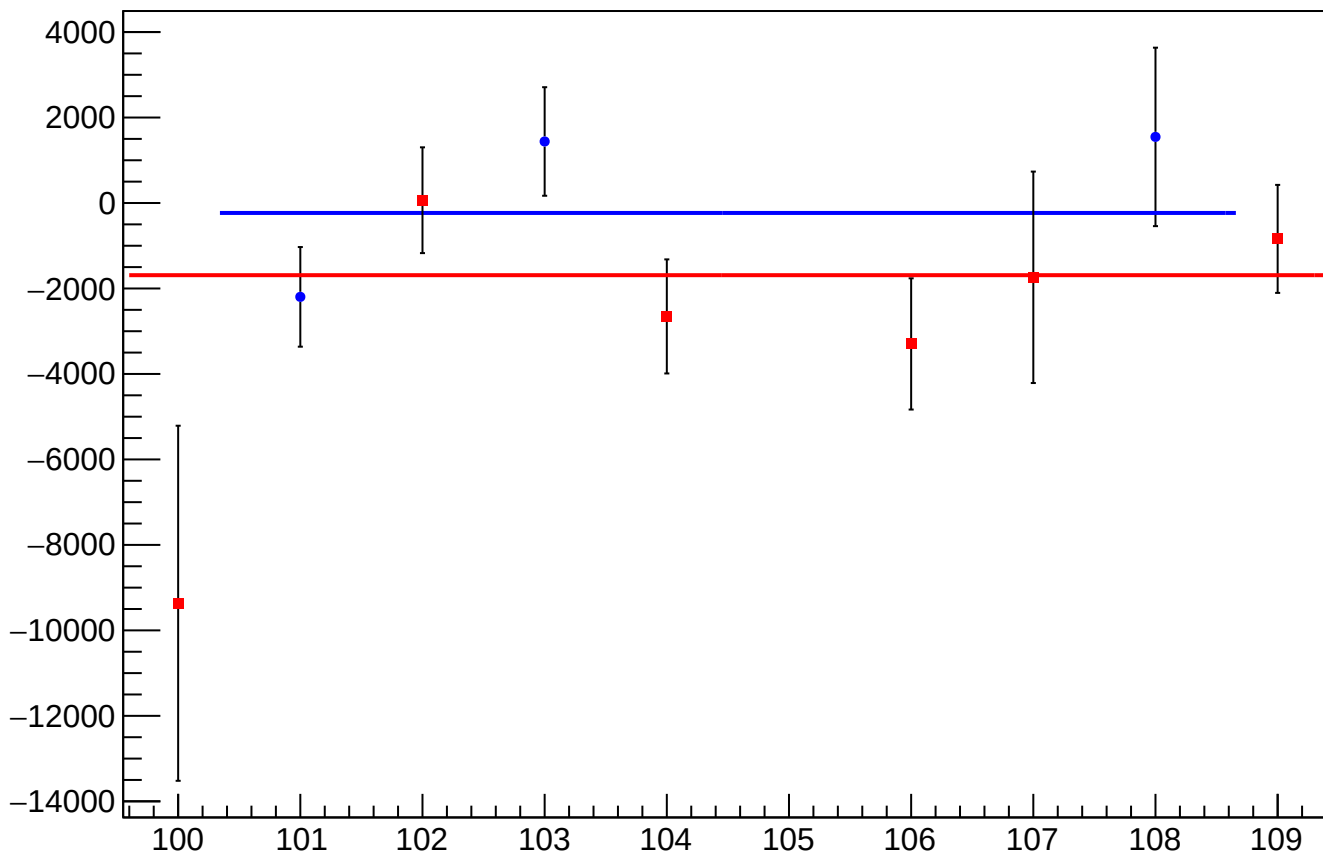
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.028 $\pm$ 0.042 χ^2 /NDF: 128321.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_mean vs Slug



Right In: -232.543+/-794.260 χ^2 /NDF: 5.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1688.867+/-634.206 χ^2 /NDF: 7.5/5

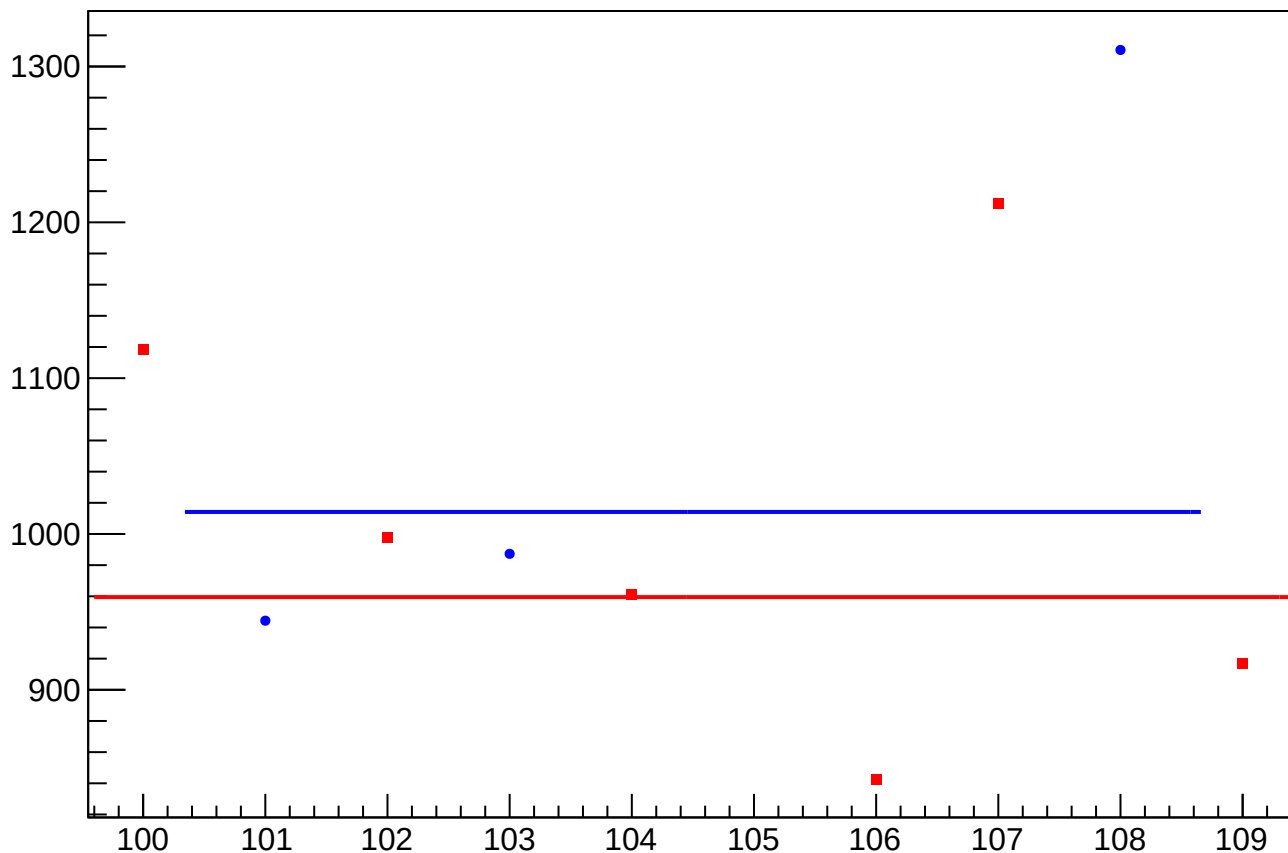
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1121.857+/-495.597 χ^2 /NDF: 14.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1014.141 $\pm$ 0.562 χ^2 /NDF: 48383.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 959.507 $\pm$ 0.448 χ^2 /NDF: 39556.9/5

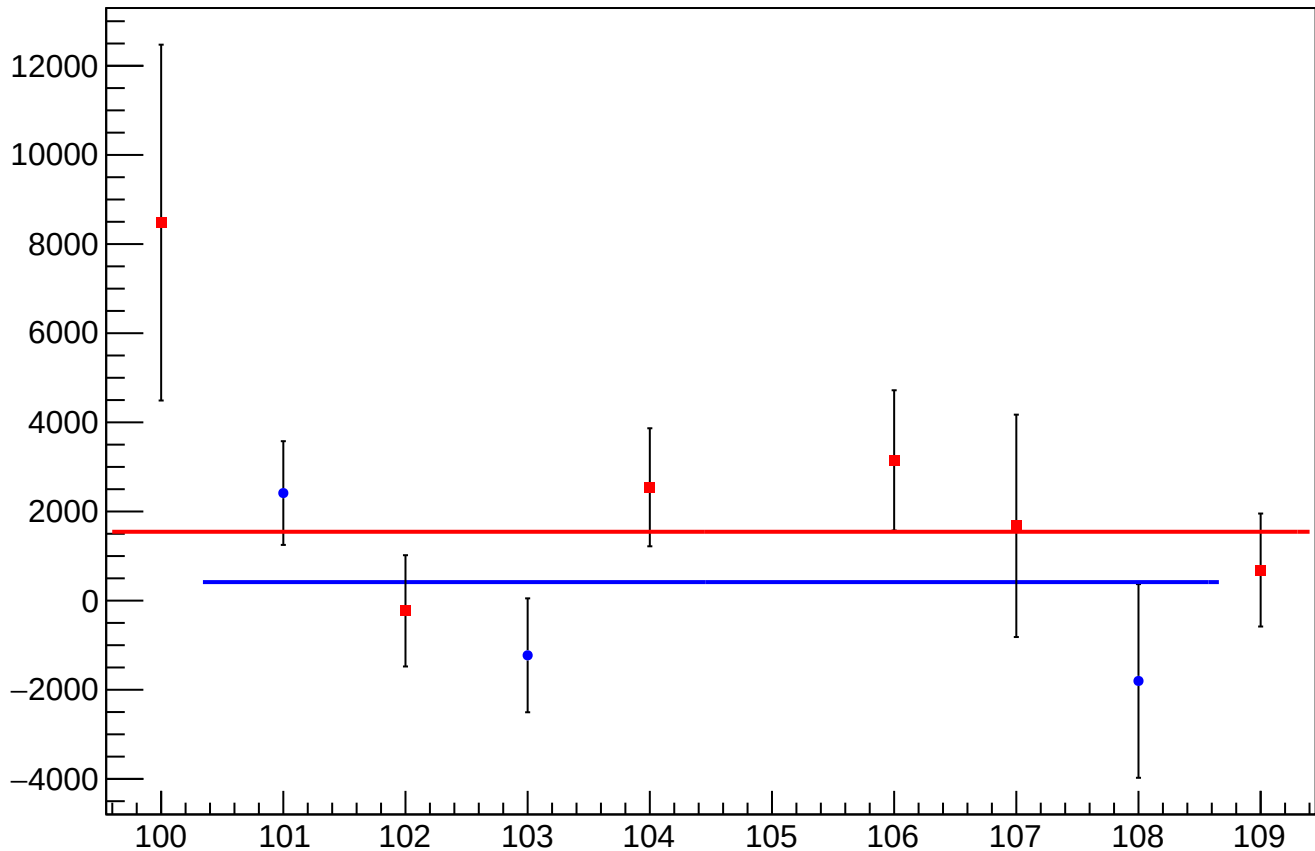
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 980.778 $\pm$ 0.350 χ^2 /NDF: 93719.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_mean vs Slug



Right In: 415.678+/-799.980 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1544.994+/-637.351 χ^2/NDF : 7.1/5

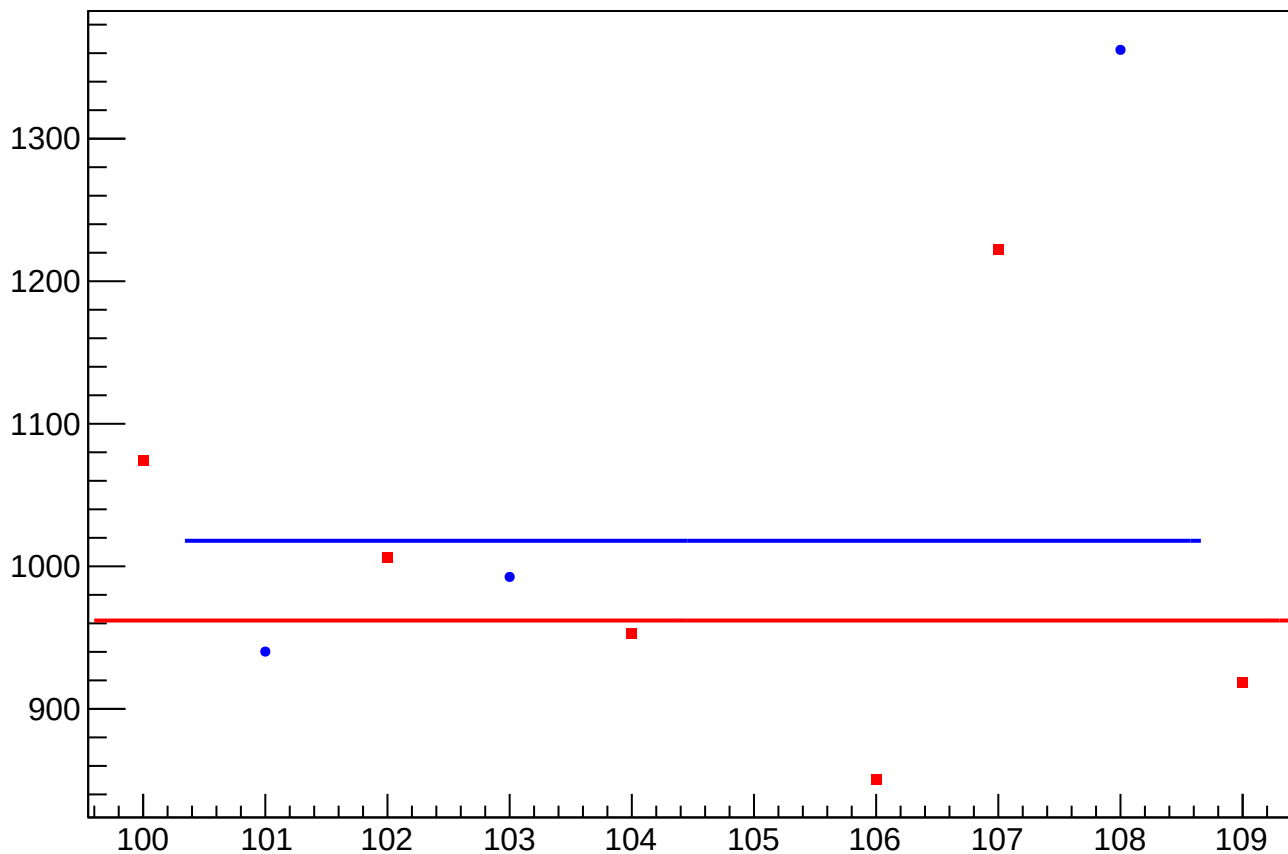
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.499+/-498.487 χ^2/NDF : 14.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1017.936 $\pm$ 0.566 χ^2 /NDF: 59946.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 962.002 $\pm$ 0.451 χ^2 /NDF: 38255.0/5

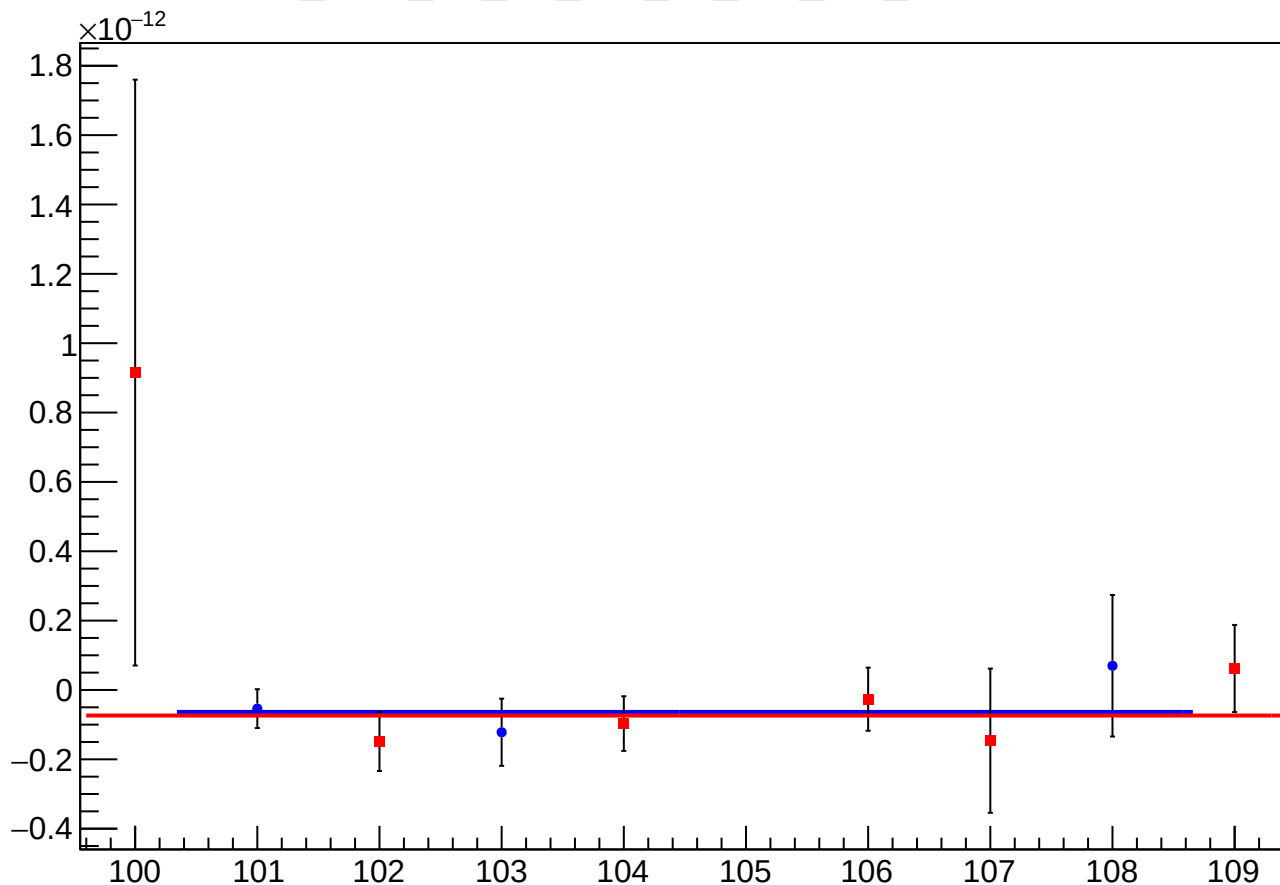
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 983.720 $\pm$ 0.352 χ^2 /NDF: 104182.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 3.8/5

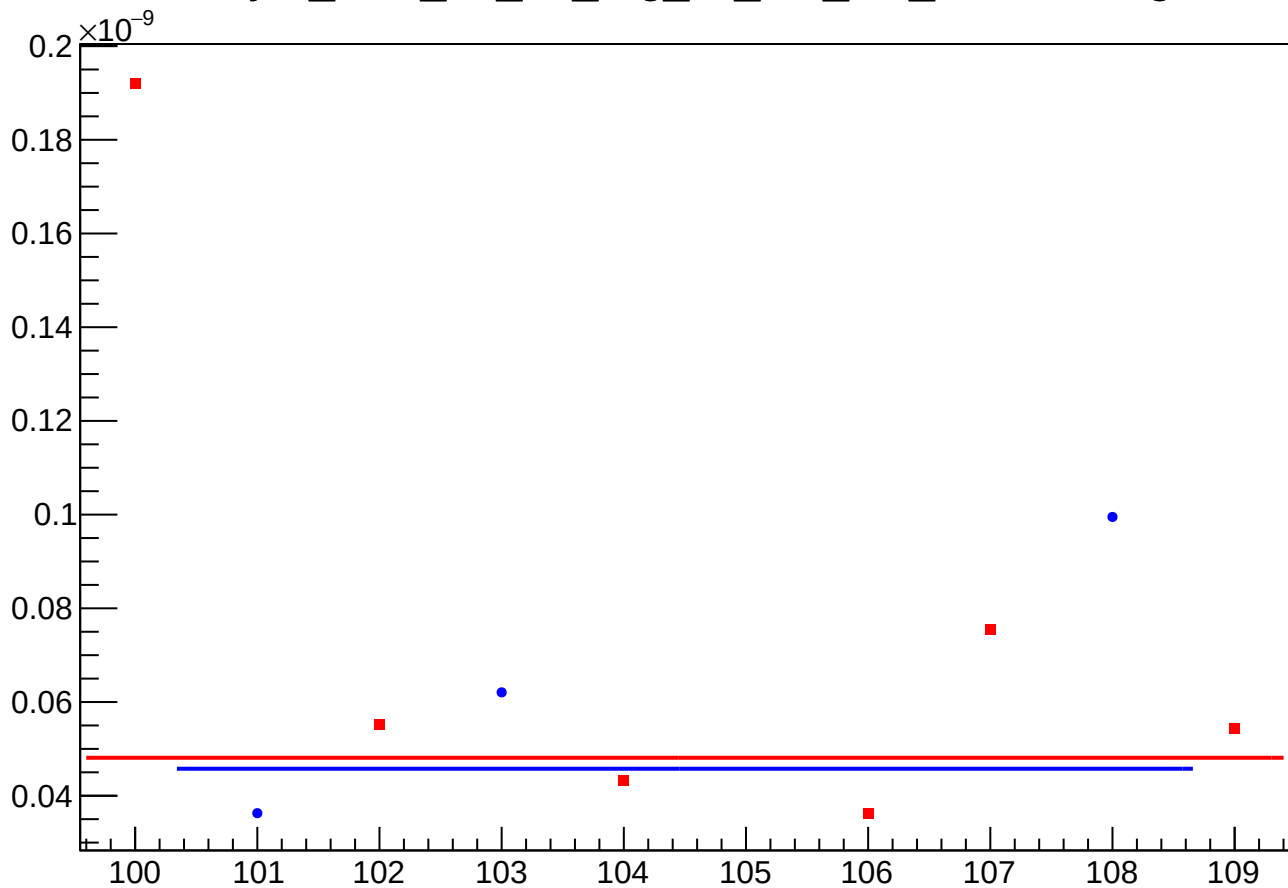
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 252846.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153588.4/5

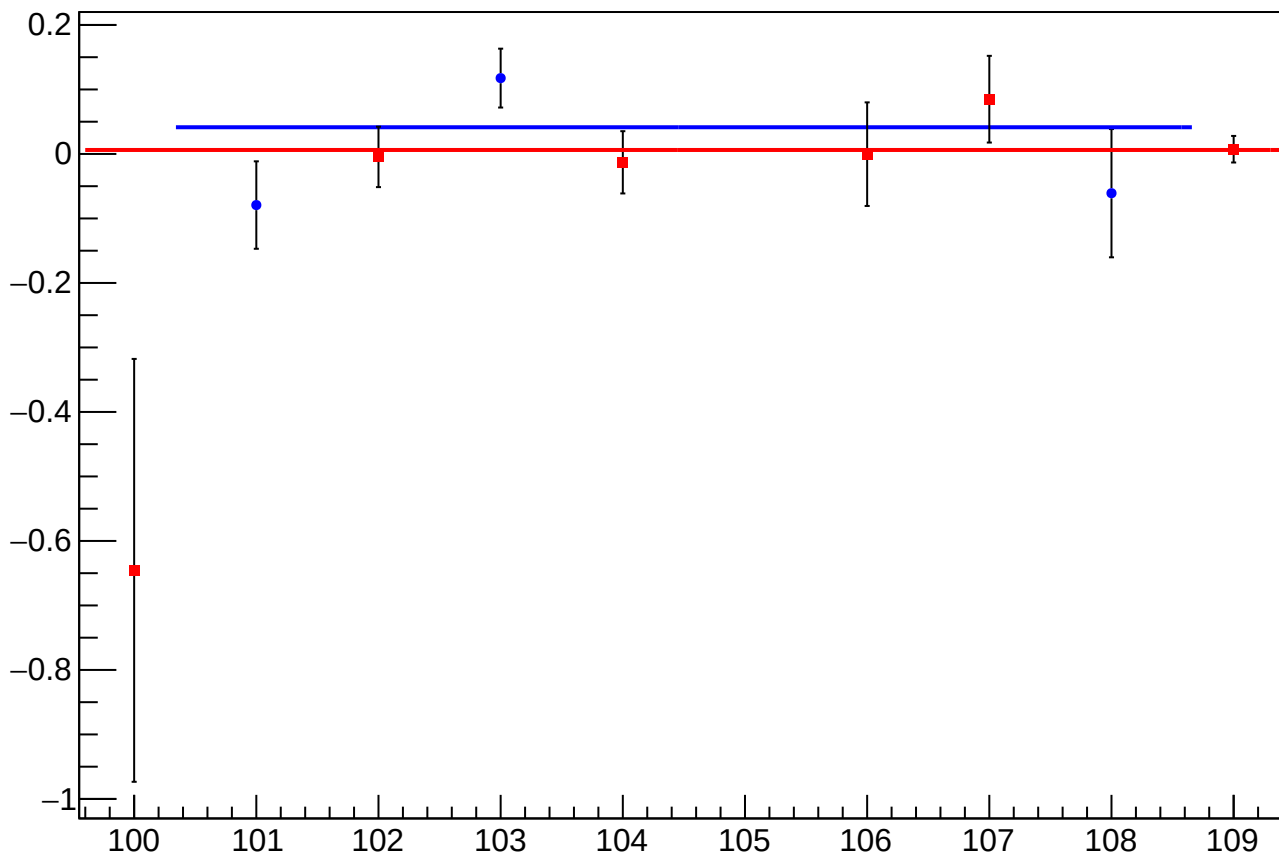
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 409050.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.017 χ^2 /NDF: 5.5/5

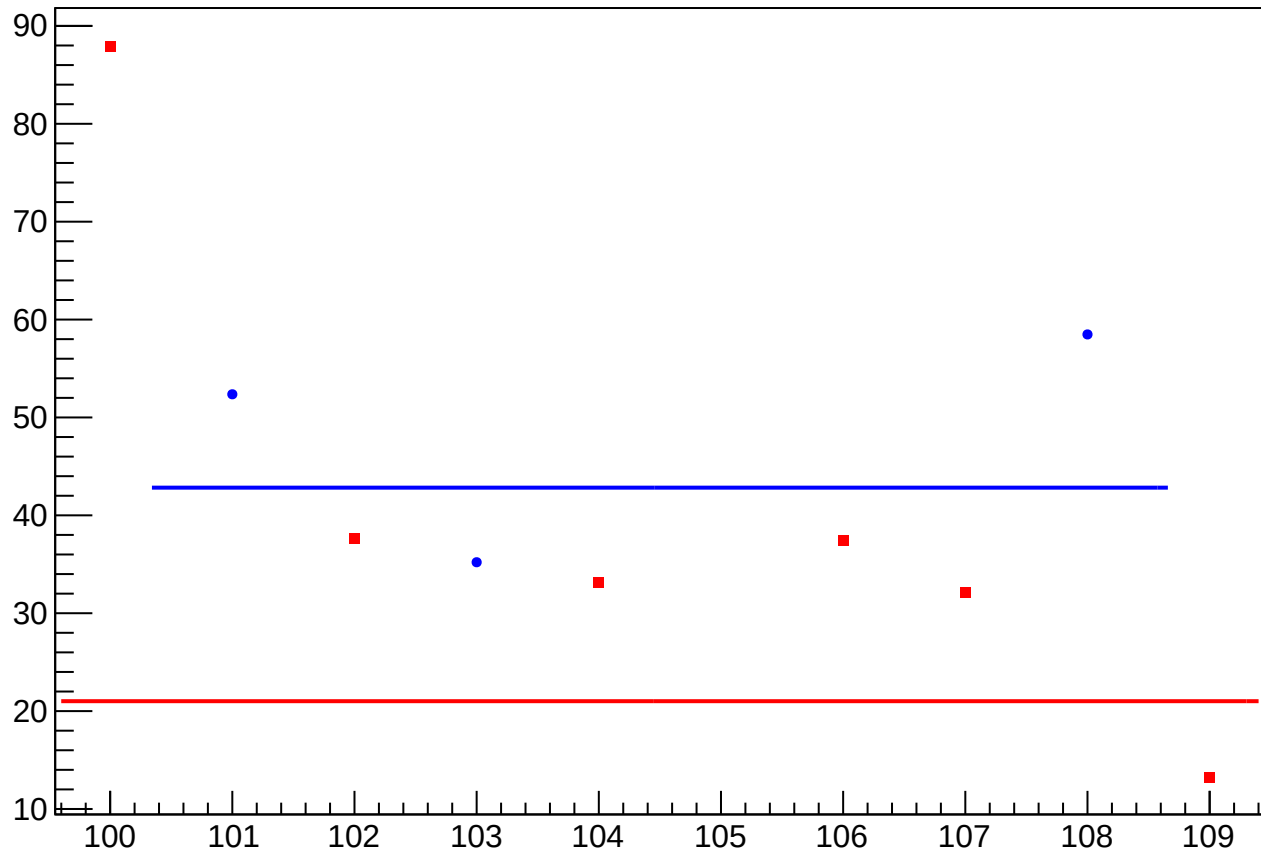
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.015 χ^2 /NDF: 13.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 42.829+/-0.025 χ^2/NDF : 144934.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.013+/-0.012 χ^2/NDF : 887362.7/5

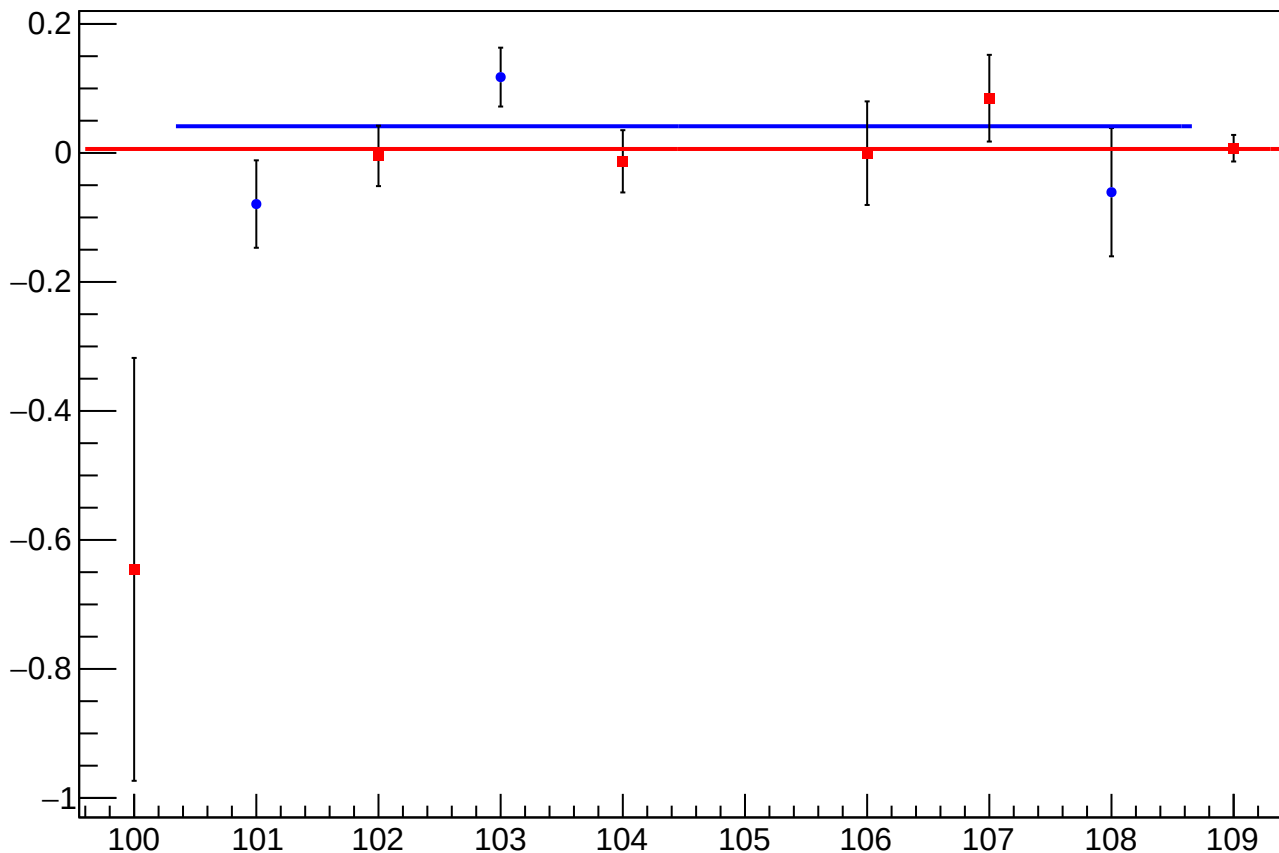
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.950+/-0.011 χ^2/NDF : 1655536.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.017 χ^2 /NDF: 5.5/5

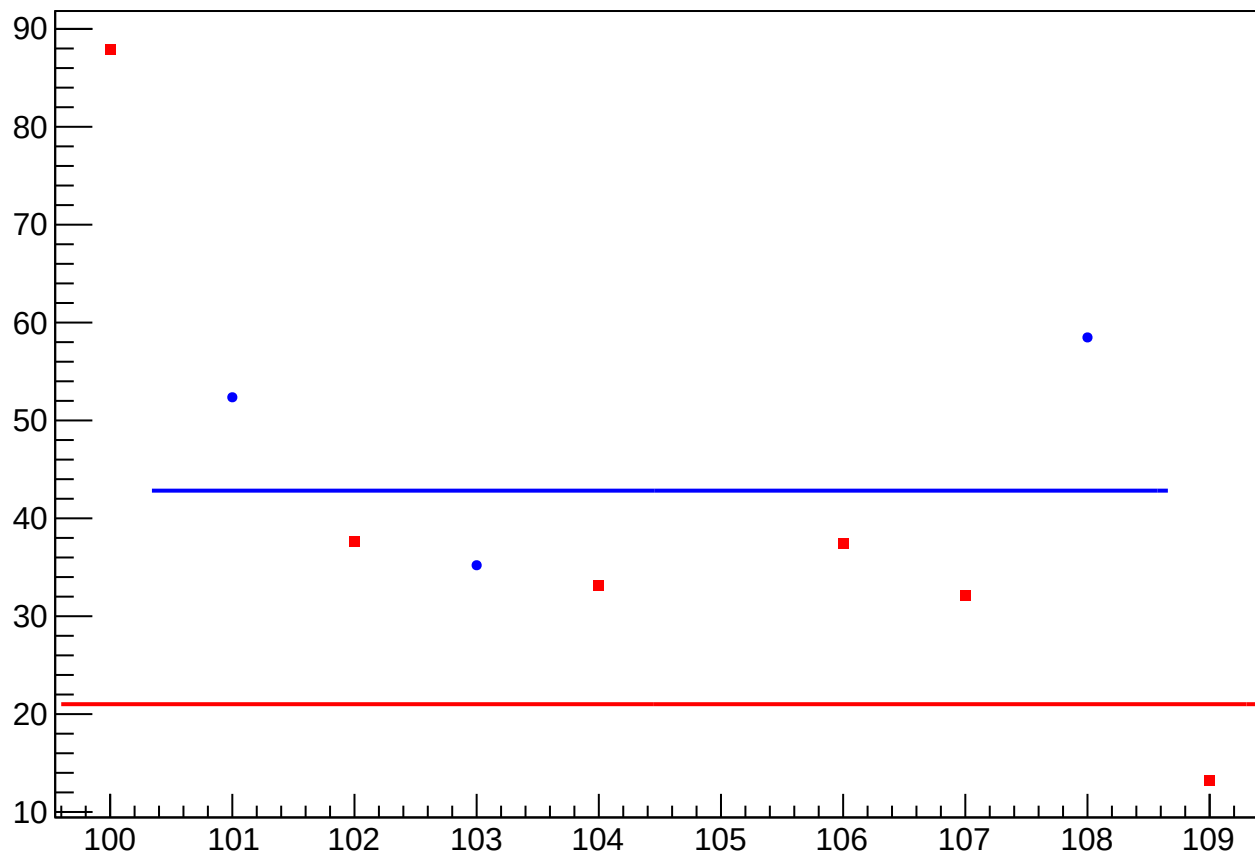
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.015 χ^2 /NDF: 13.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.829+/-0.025 χ^2/NDF : 144934.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.013+/-0.012 χ^2/NDF : 887362.7/5

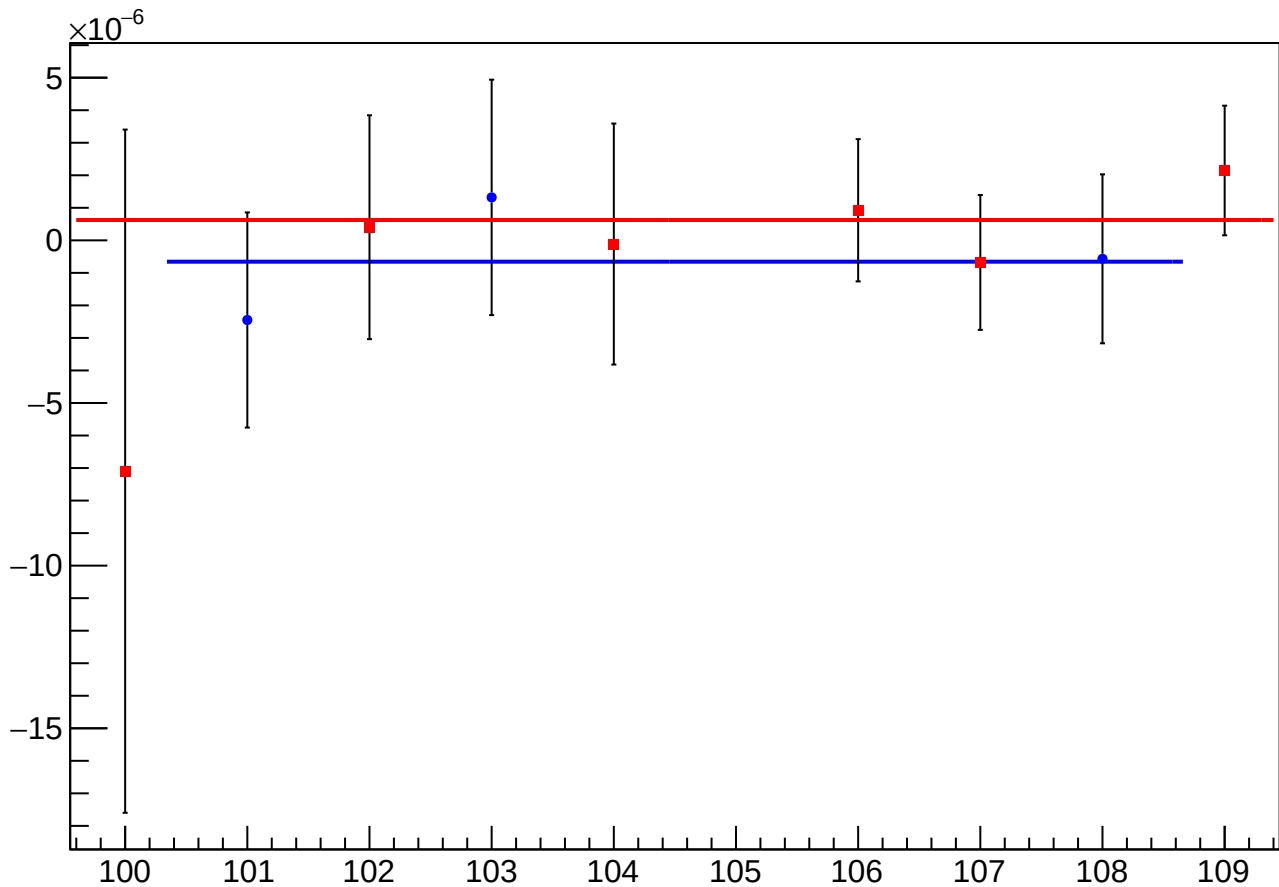
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.950+/-0.011 χ^2/NDF : 1655536.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.6/5

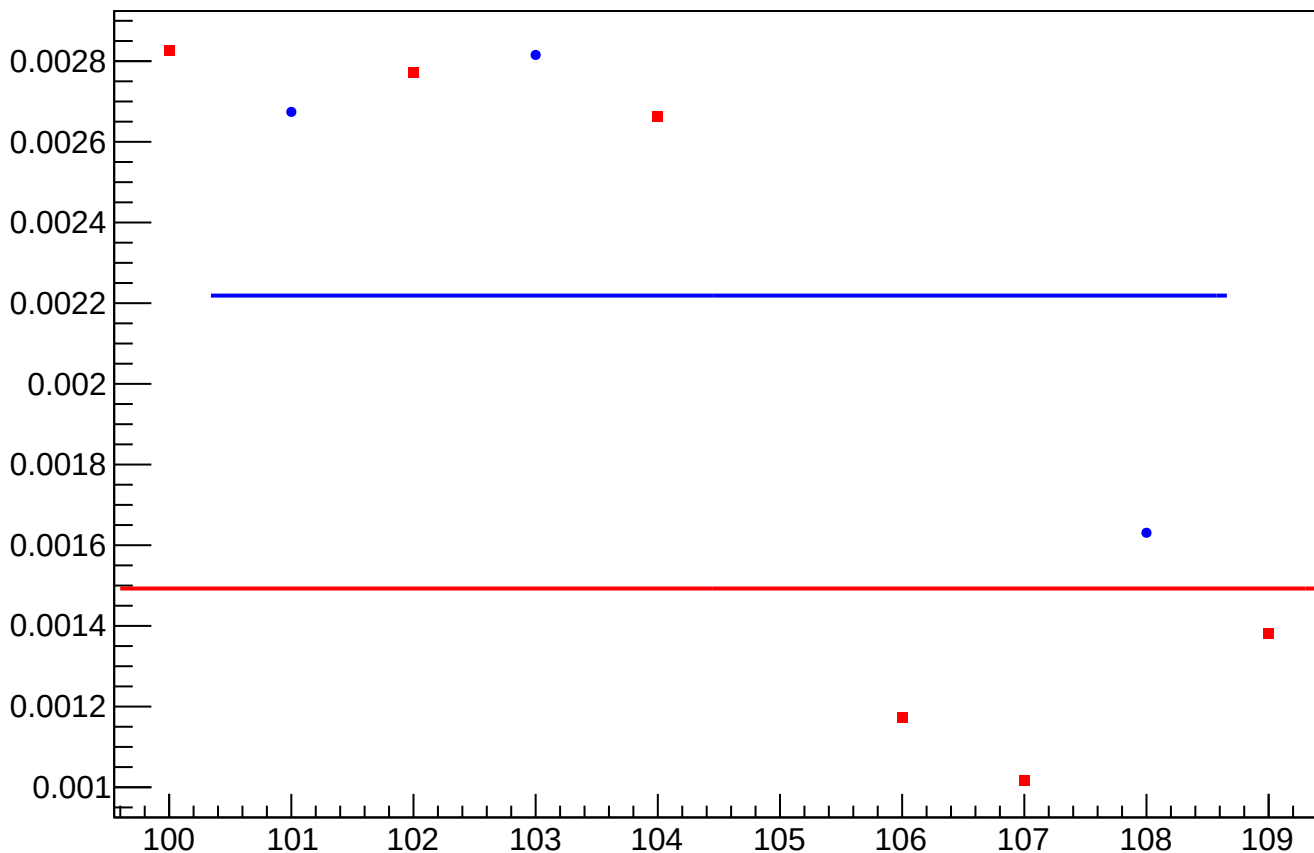
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 194810.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 662087.9/5

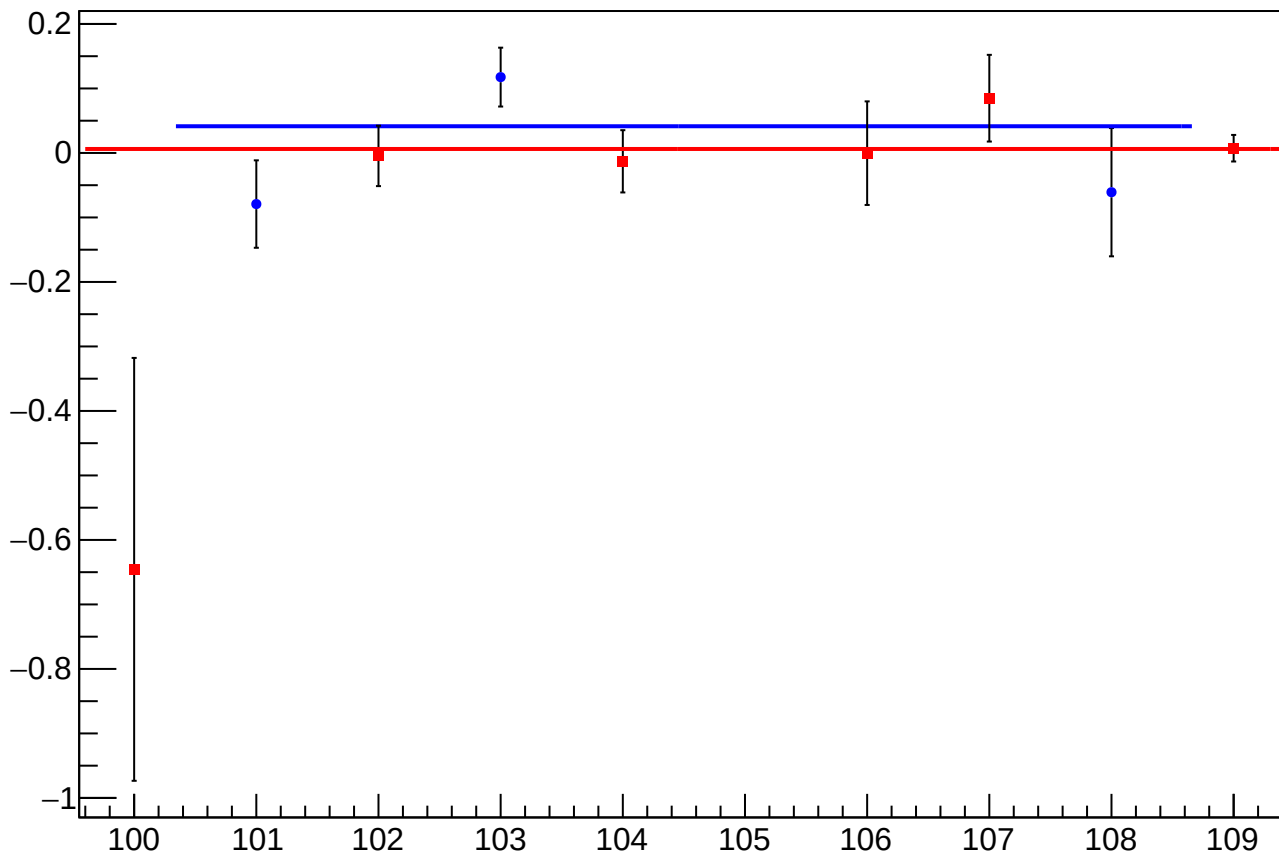
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1100655.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.017 χ^2 /NDF: 5.5/5

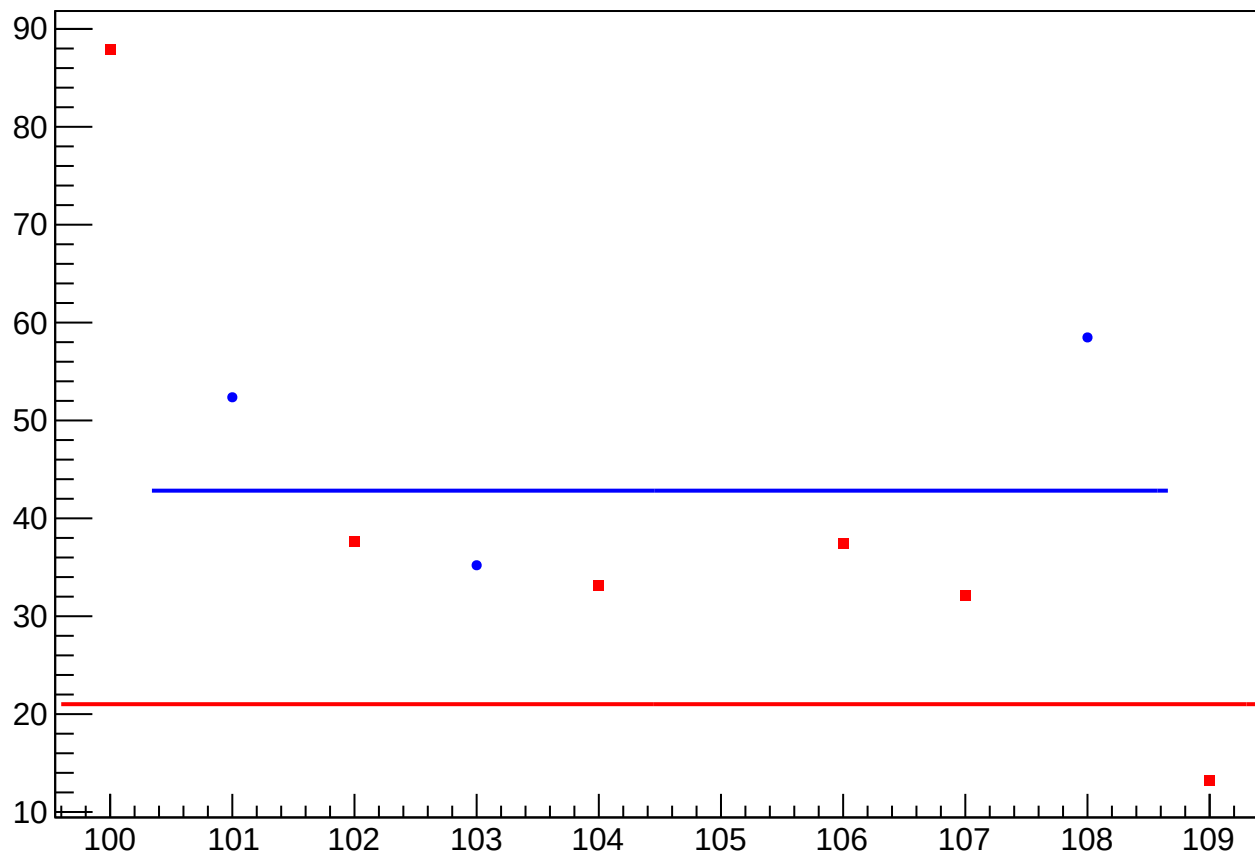
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.015 χ^2 /NDF: 13.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 42.829+/-0.025 χ^2/NDF : 144957.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.015+/-0.012 χ^2/NDF : 887227.2/5

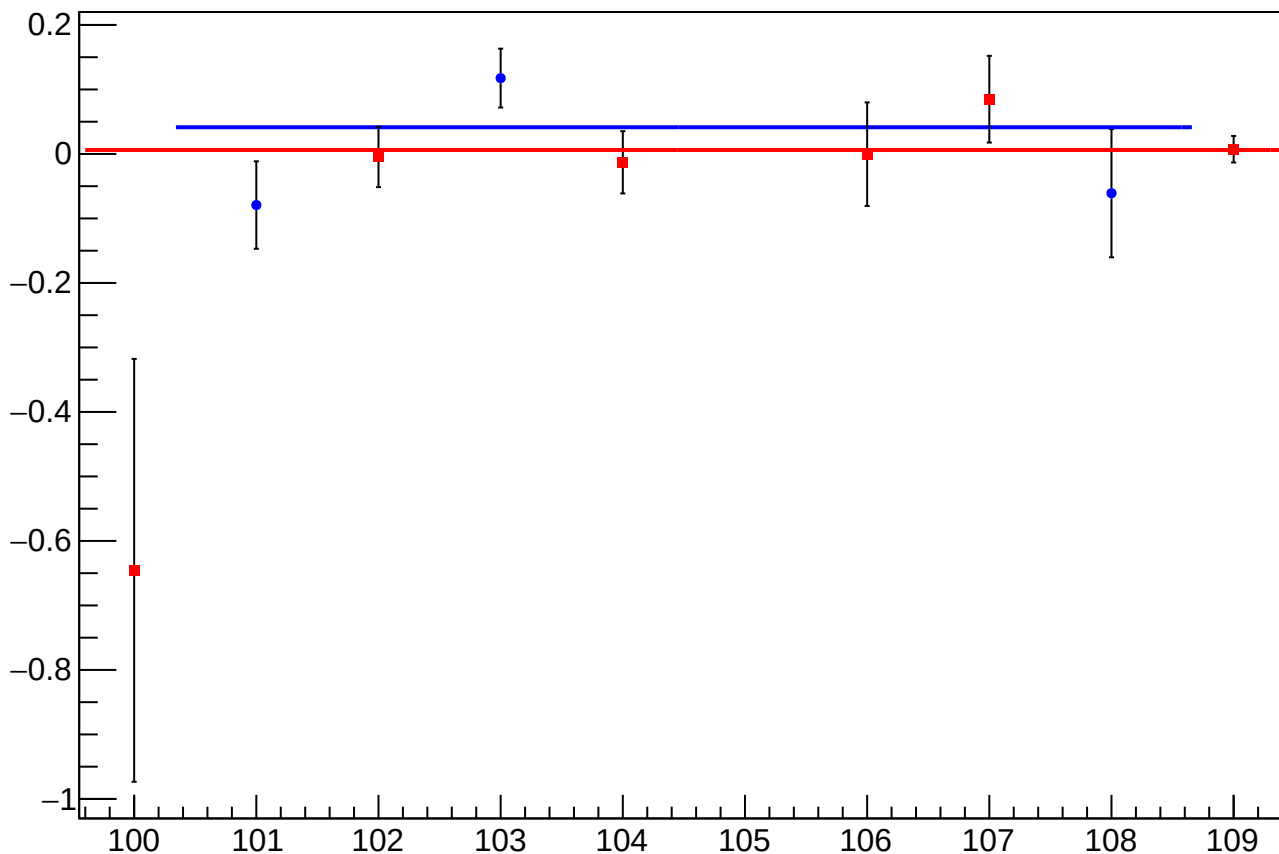
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.951+/-0.011 χ^2/NDF : 1655335.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.041 $\pm$ 0.035 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.006 $\pm$ 0.017 χ^2 /NDF: 5.5/5

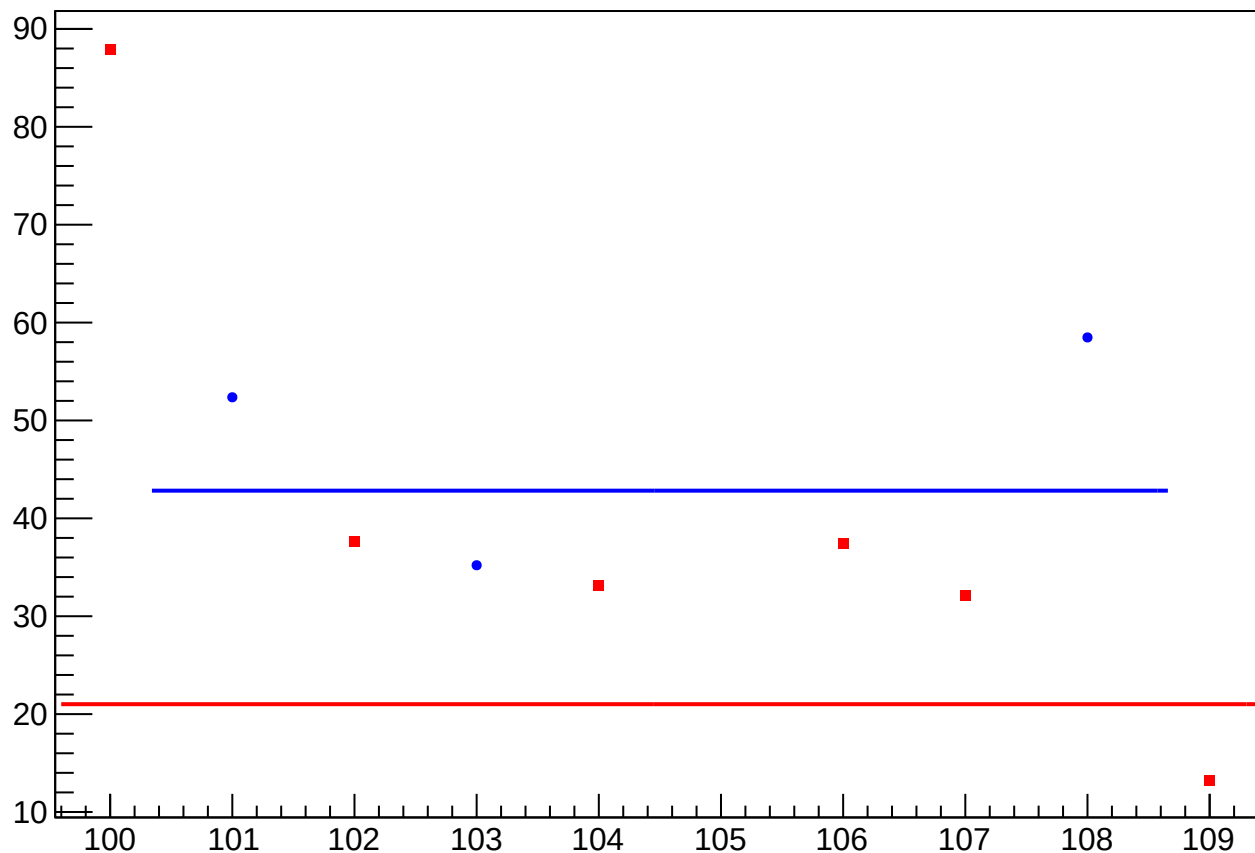
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.015 χ^2 /NDF: 13.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.829+/-0.025 χ^2/NDF : 144957.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.015+/-0.012 χ^2/NDF : 887227.2/5

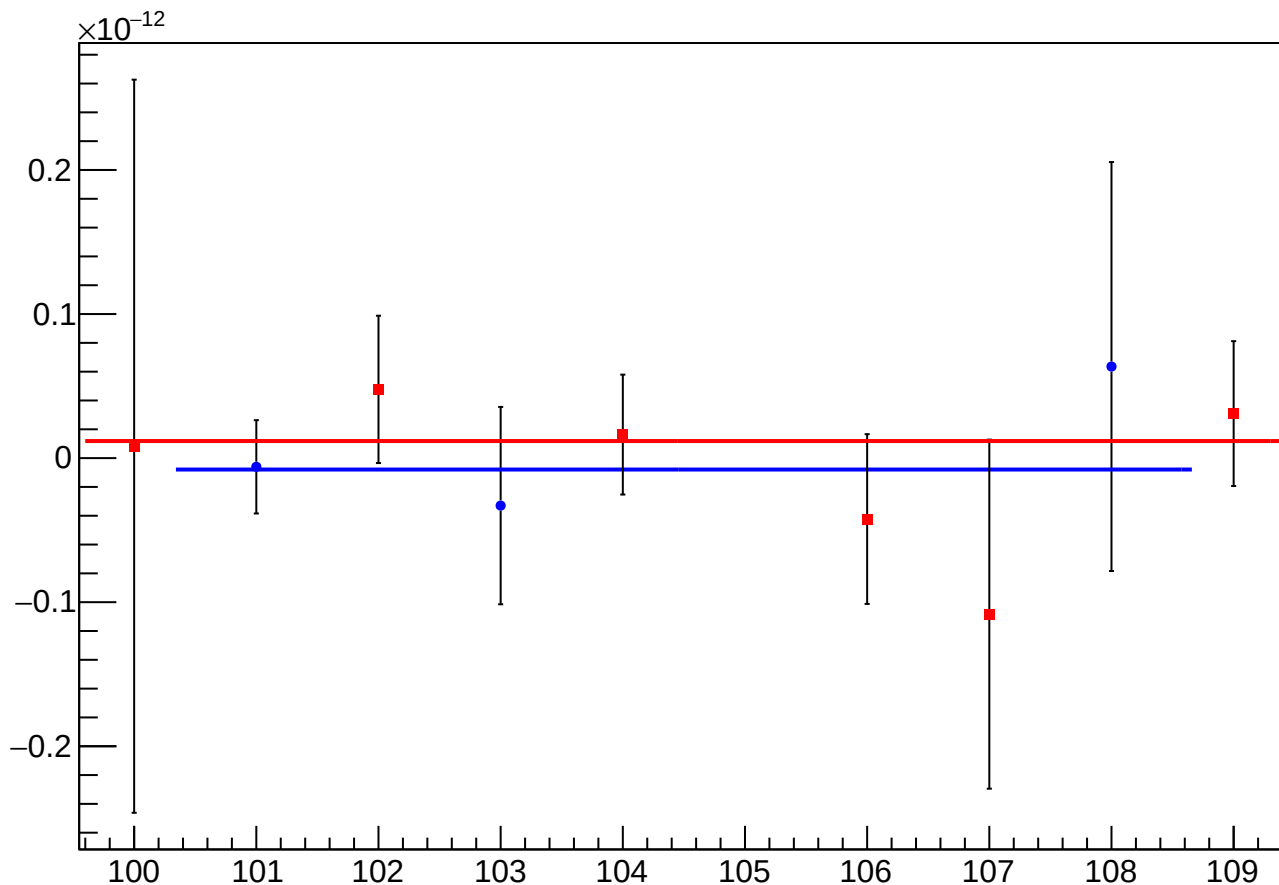
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.951+/-0.011 χ^2/NDF : 1655335.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.5/5

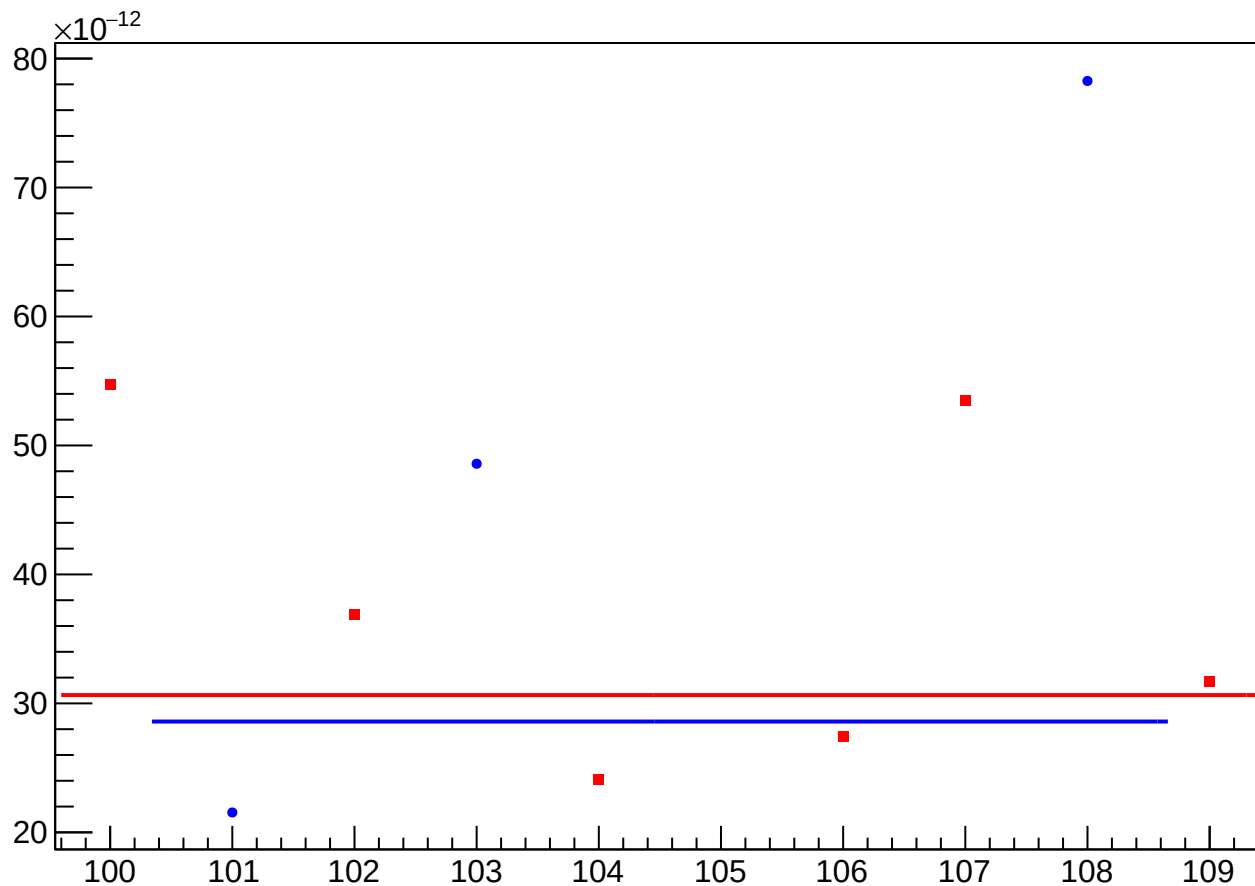
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 510033.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 175102.1/5

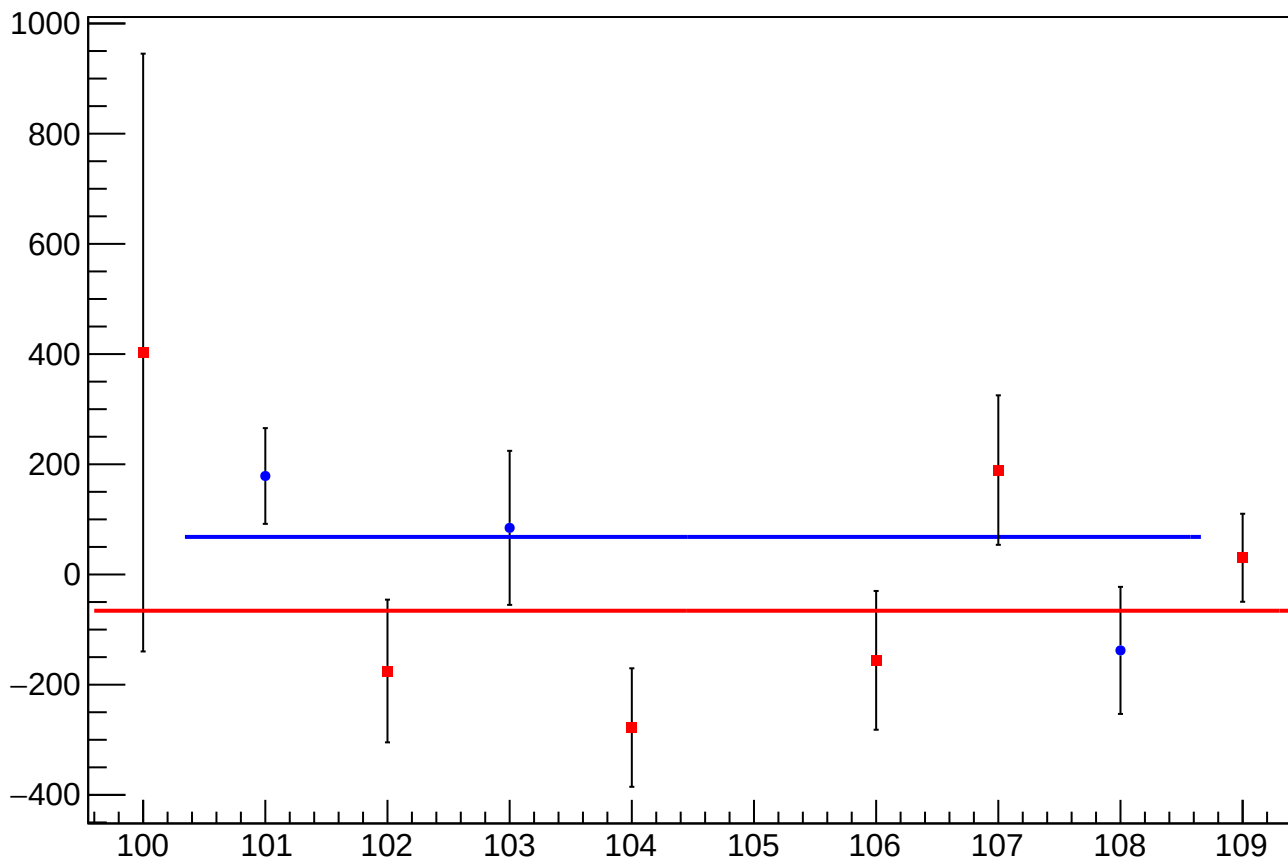
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 691158.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 68.190+/-62.153 χ^2/NDF : 4.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.788+/-48.586 χ^2/NDF : 10.8/5

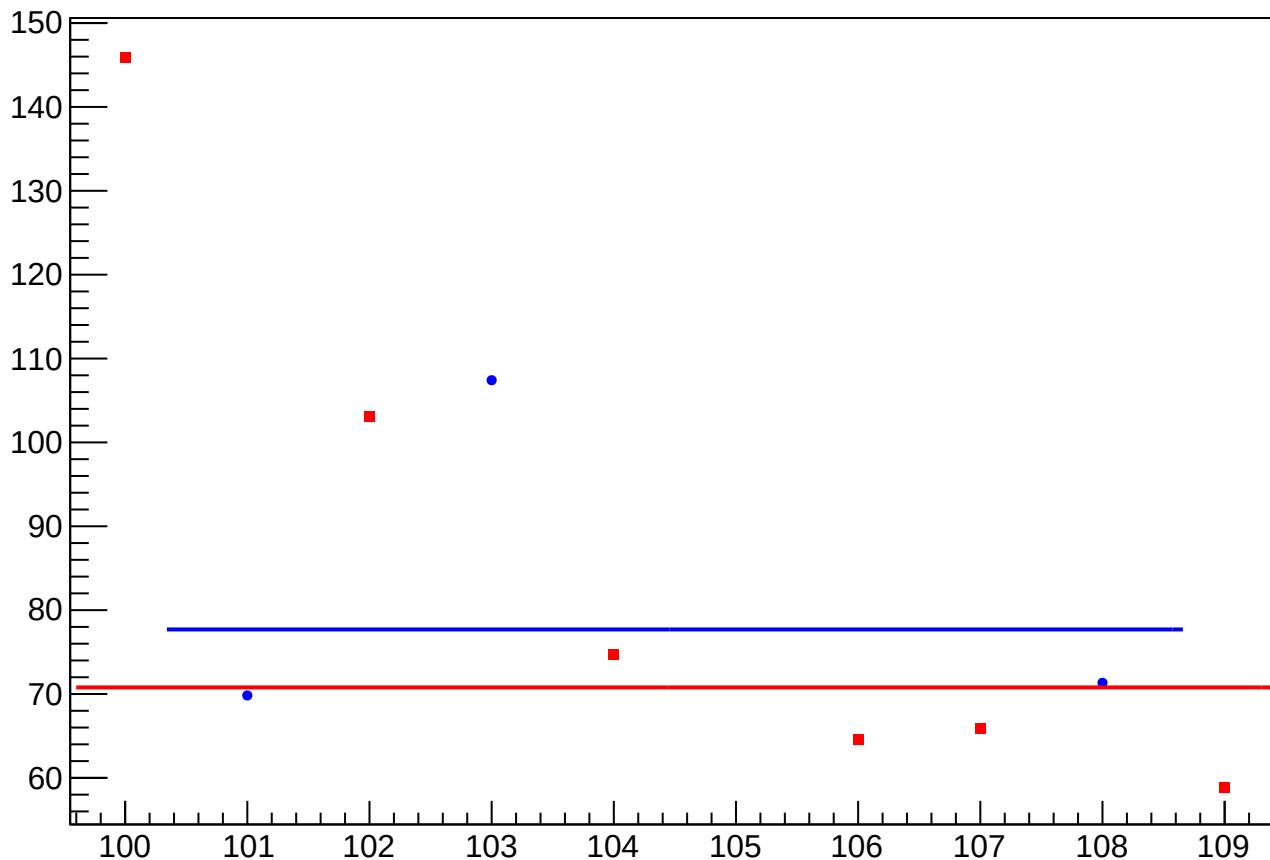
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.971+/-38.278 χ^2/NDF : 18.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 77.698 $\pm$ 0.044 χ^2 /NDF: 112881.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.787 $\pm$ 0.034 χ^2 /NDF: 217139.1/5

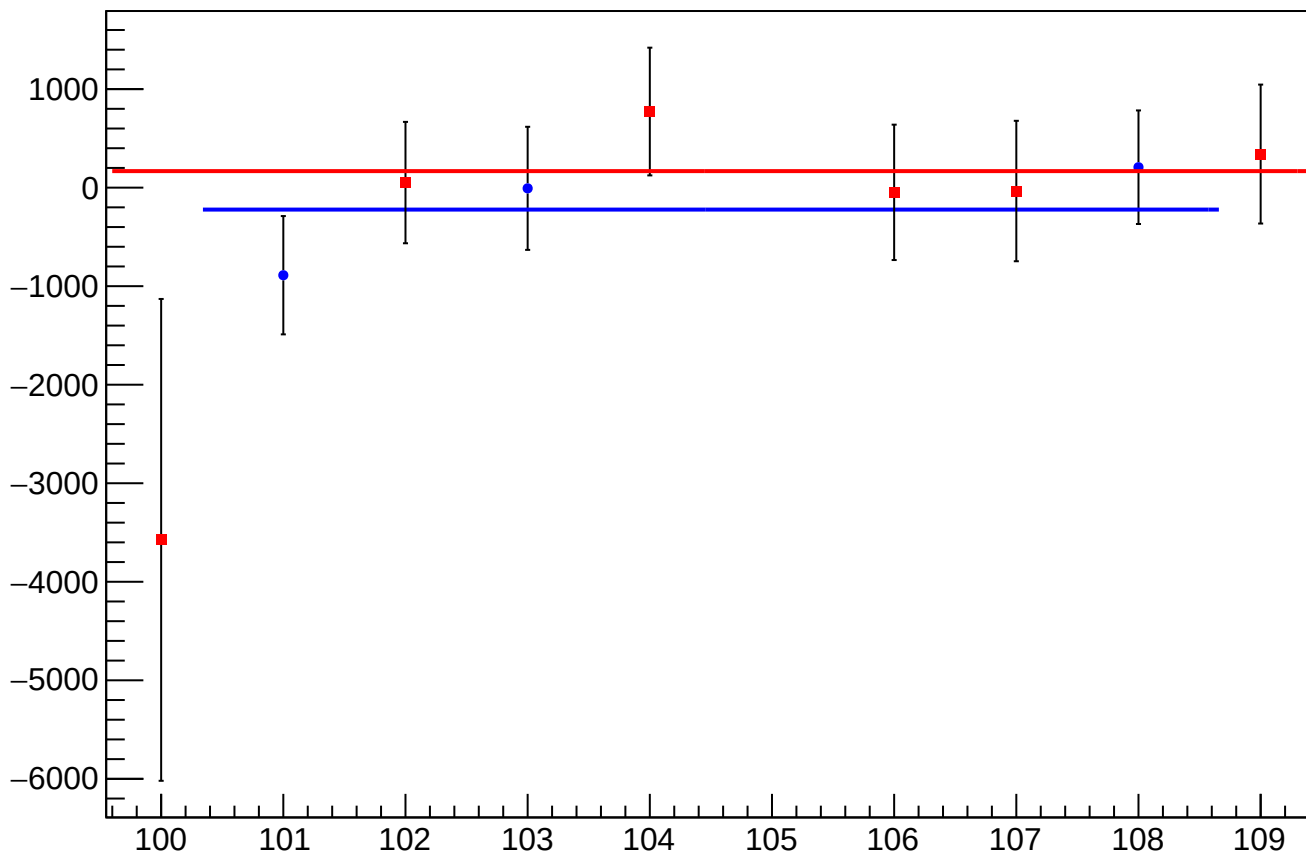
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.409 $\pm$ 0.027 χ^2 /NDF: 345369.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_correction_mean vs Slug



Right In: -222.733+/-346.096 χ^2 /NDF: 1.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 167.715+/-297.711 χ^2 /NDF: 3.5/5

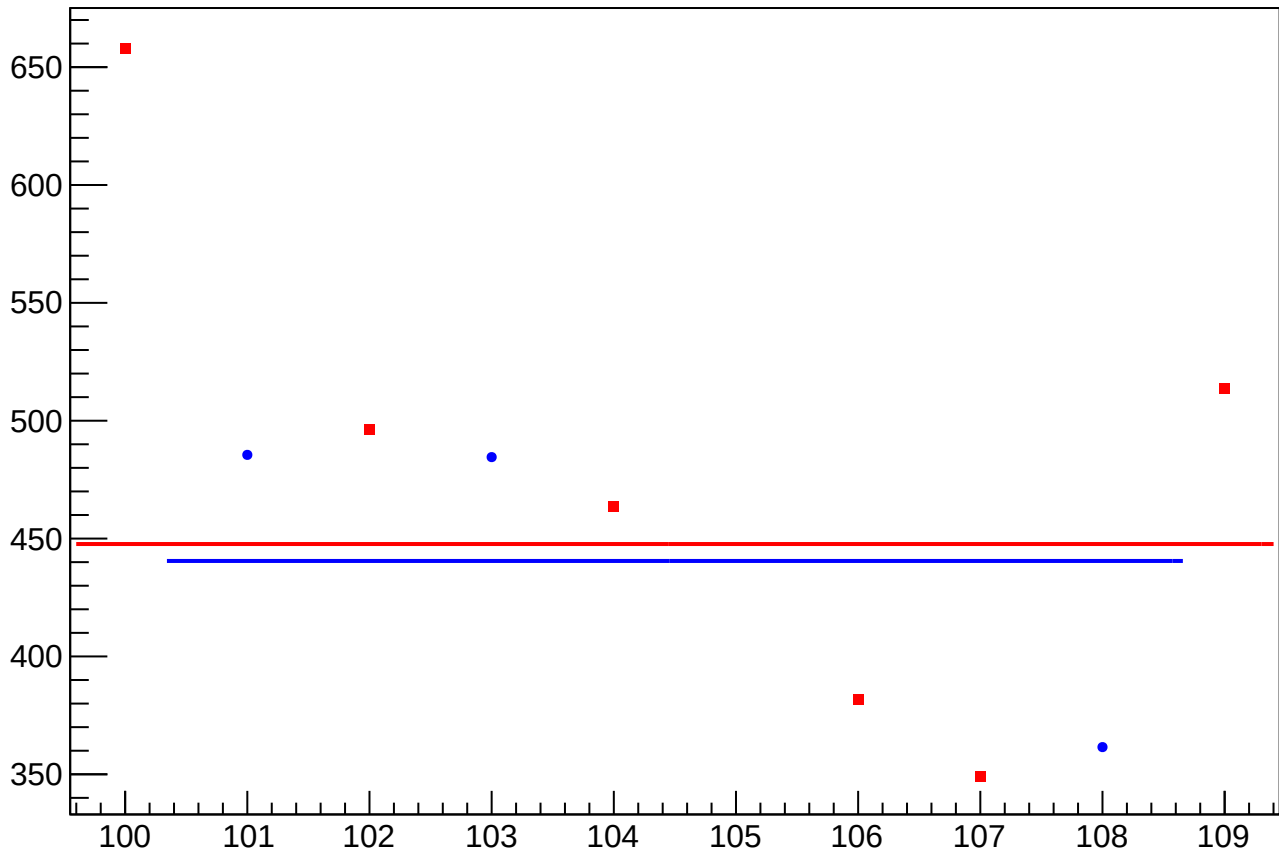
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1.670+/-225.698 χ^2 /NDF: 6.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 440.504 $\pm$ 0.245 χ^2 /NDF: 58745.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 447.689 $\pm$ 0.211 χ^2 /NDF: 102700.3/5

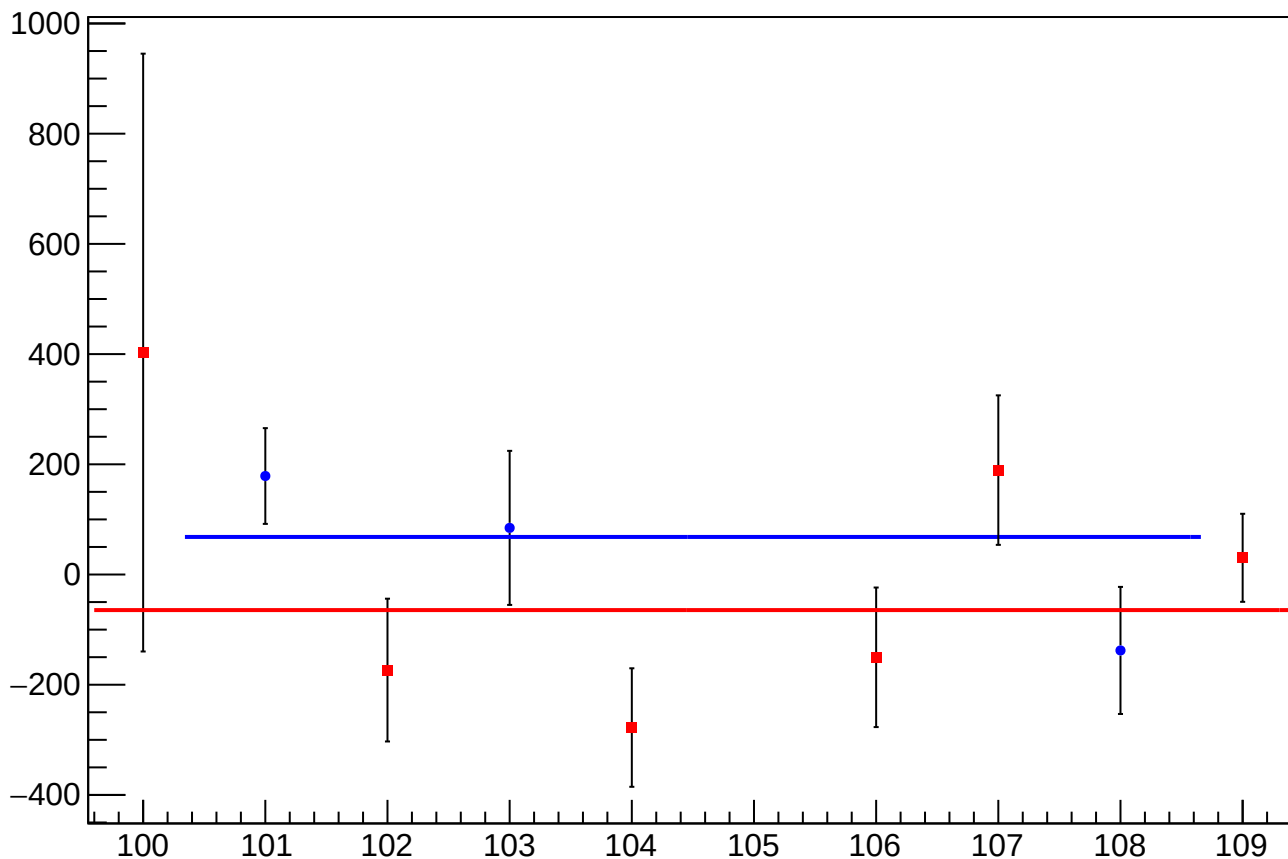
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 444.634 $\pm$ 0.160 χ^2 /NDF: 161940.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 68.191 $\pm$ 62.153 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -64.548 $\pm$ 48.628 χ^2 /NDF: 10.8/5

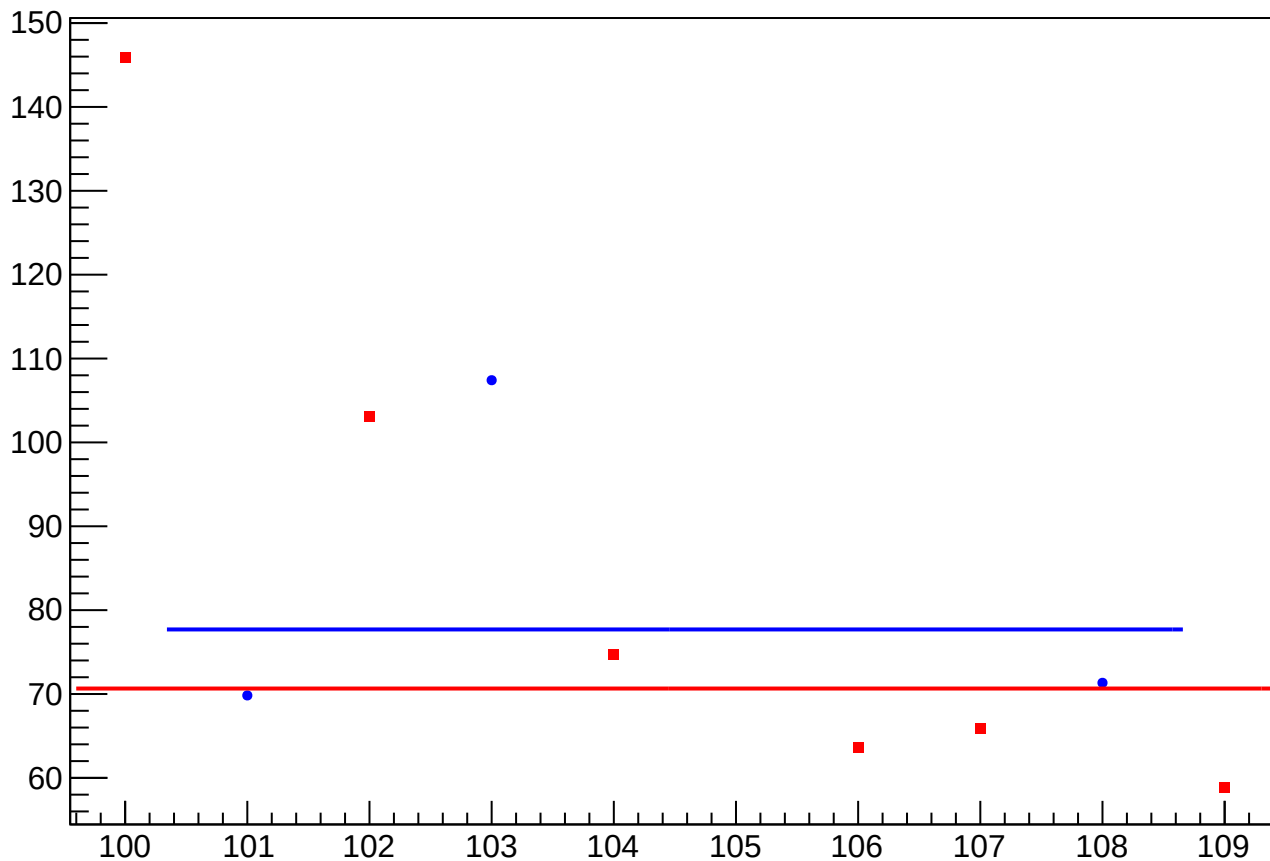
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.147 $\pm$ 38.299 χ^2 /NDF: 18.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_rms vs Slug



Right In: 77.698 $\pm$ 0.044 χ^2 /NDF: 112882.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.654 $\pm$ 0.034 χ^2 /NDF: 218920.7/5

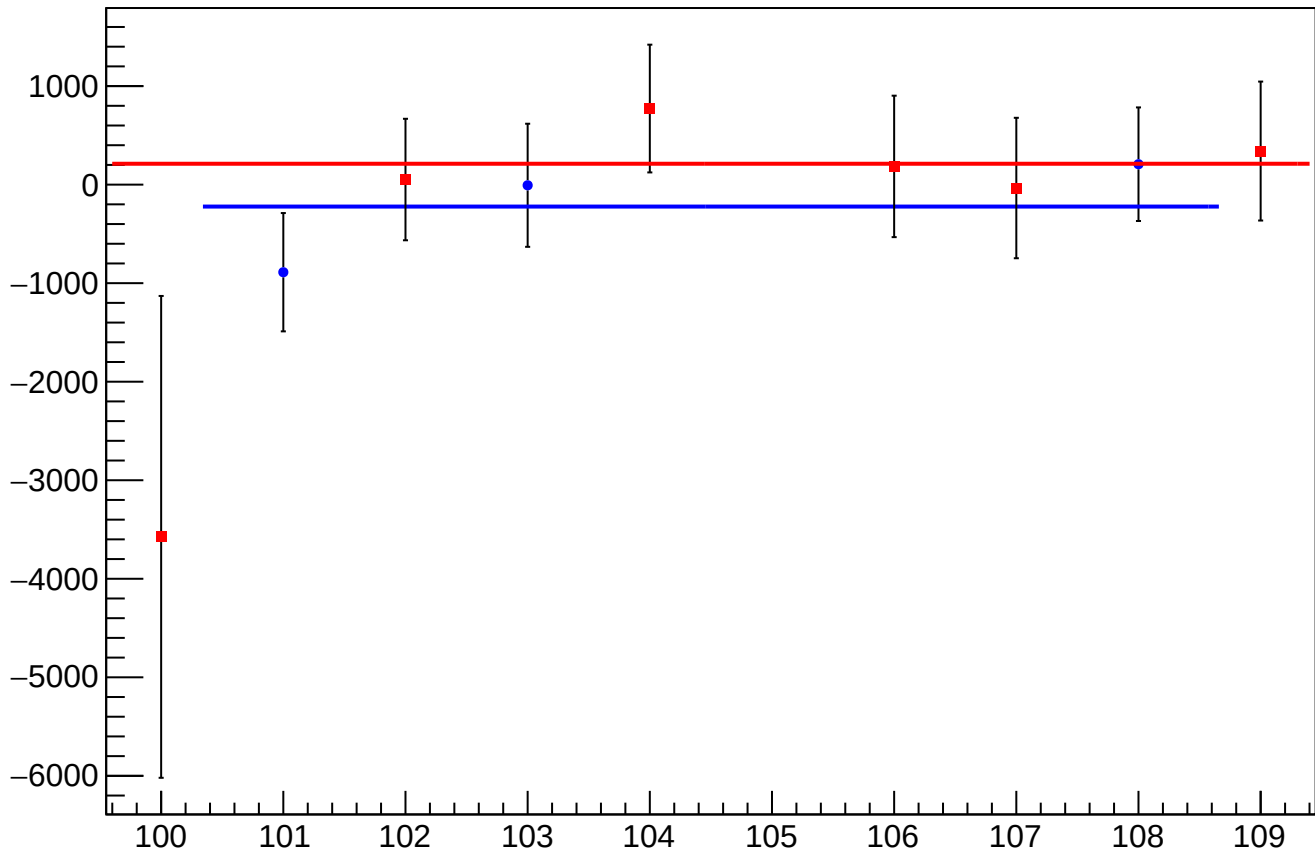
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.329 $\pm$ 0.027 χ^2 /NDF: 347741.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_cor_correction_mean vs Slug



Right In: -222.593+/-346.104 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.924+/-300.159 χ^2/NDF : 3.4/5

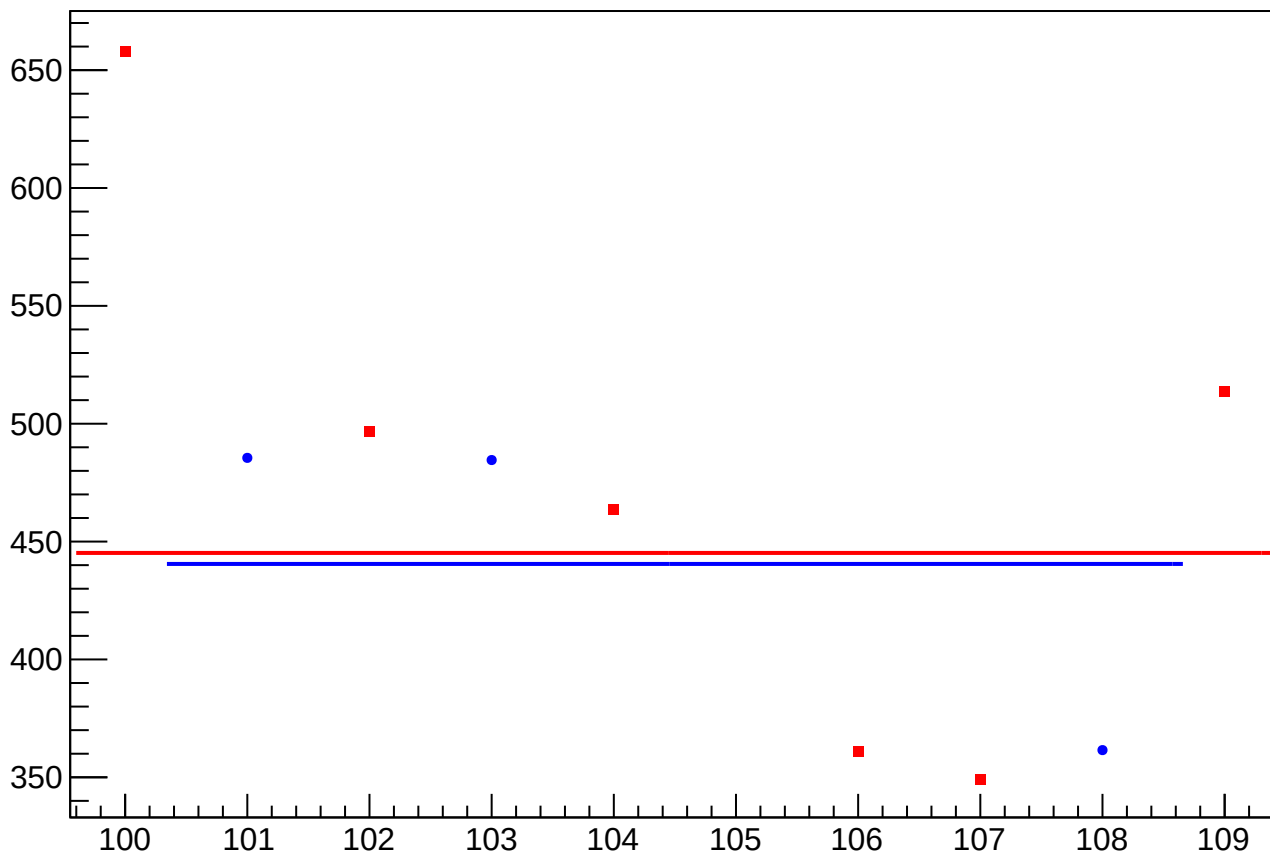
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.401+/-226.761 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 440.512+/-0.245 χ^2/NDF : 58757.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.181+/-0.212 χ^2/NDF : 113643.5/5

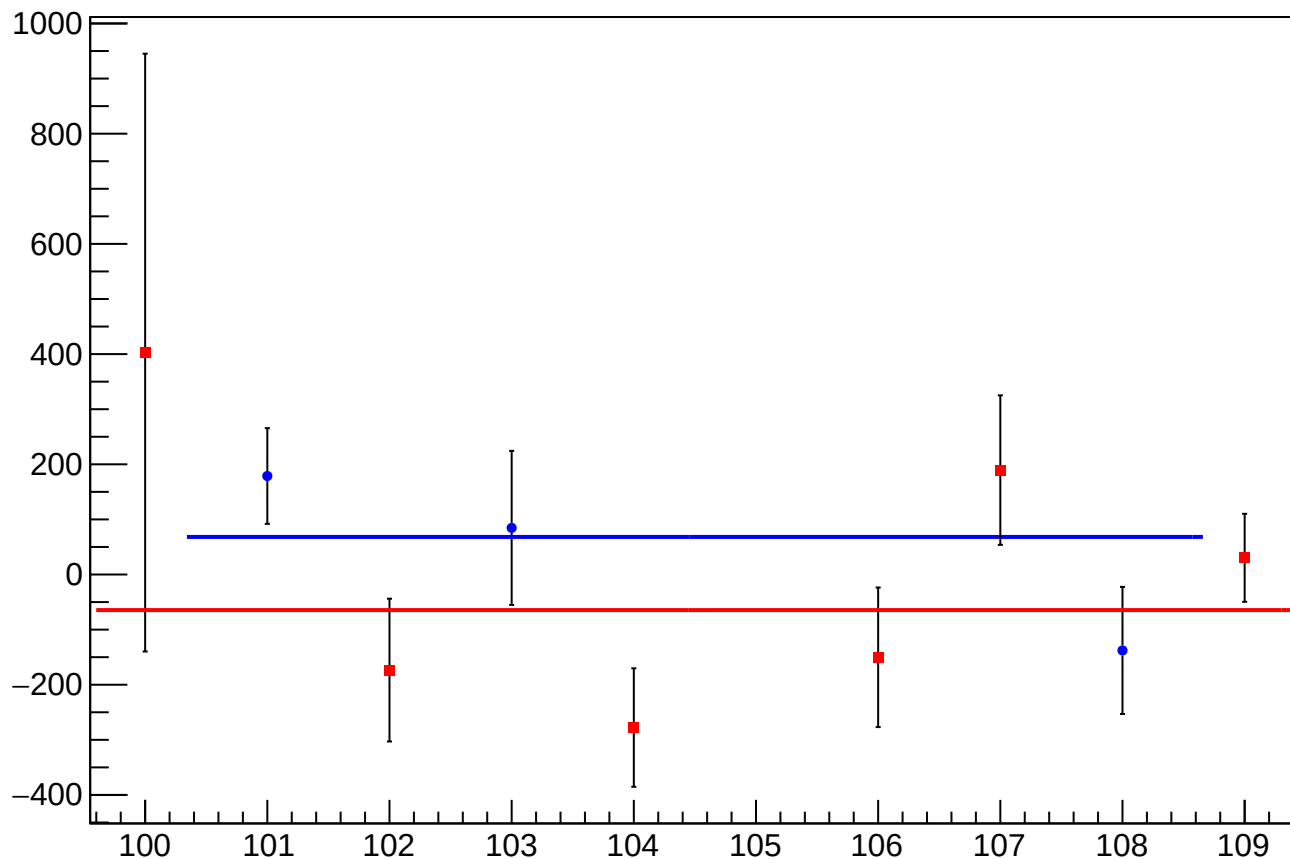
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 443.177+/-0.160 χ^2/NDF : 172609.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 68.191 $\pm$ 62.153 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -64.548 $\pm$ -48.628 χ^2 /NDF: 10.8/5

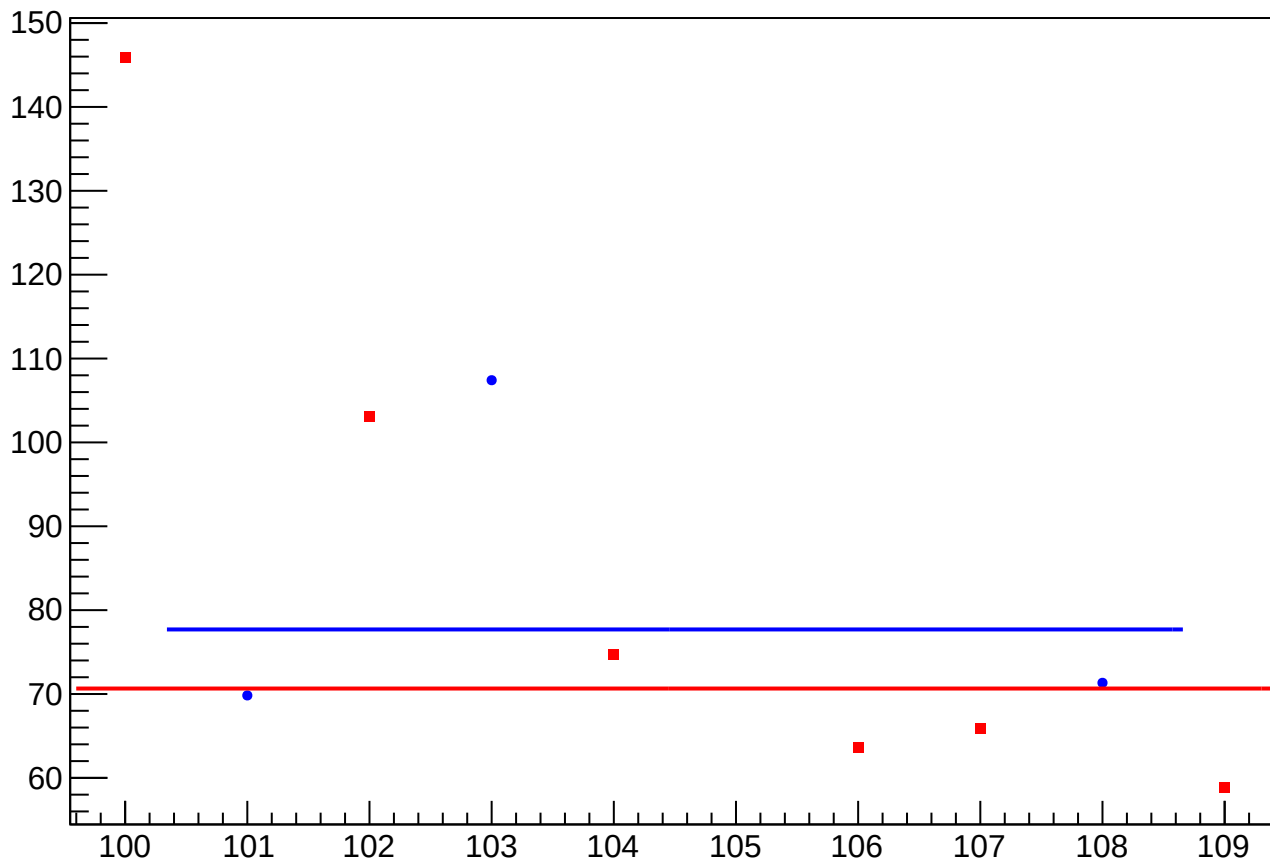
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: -14.147 $\pm$ -38.299 χ^2 /NDF: 18.4/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 77.698 $\pm$ 0.044 χ^2 /NDF: 112882.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.654 $\pm$ 0.034 χ^2 /NDF: 218920.7/5

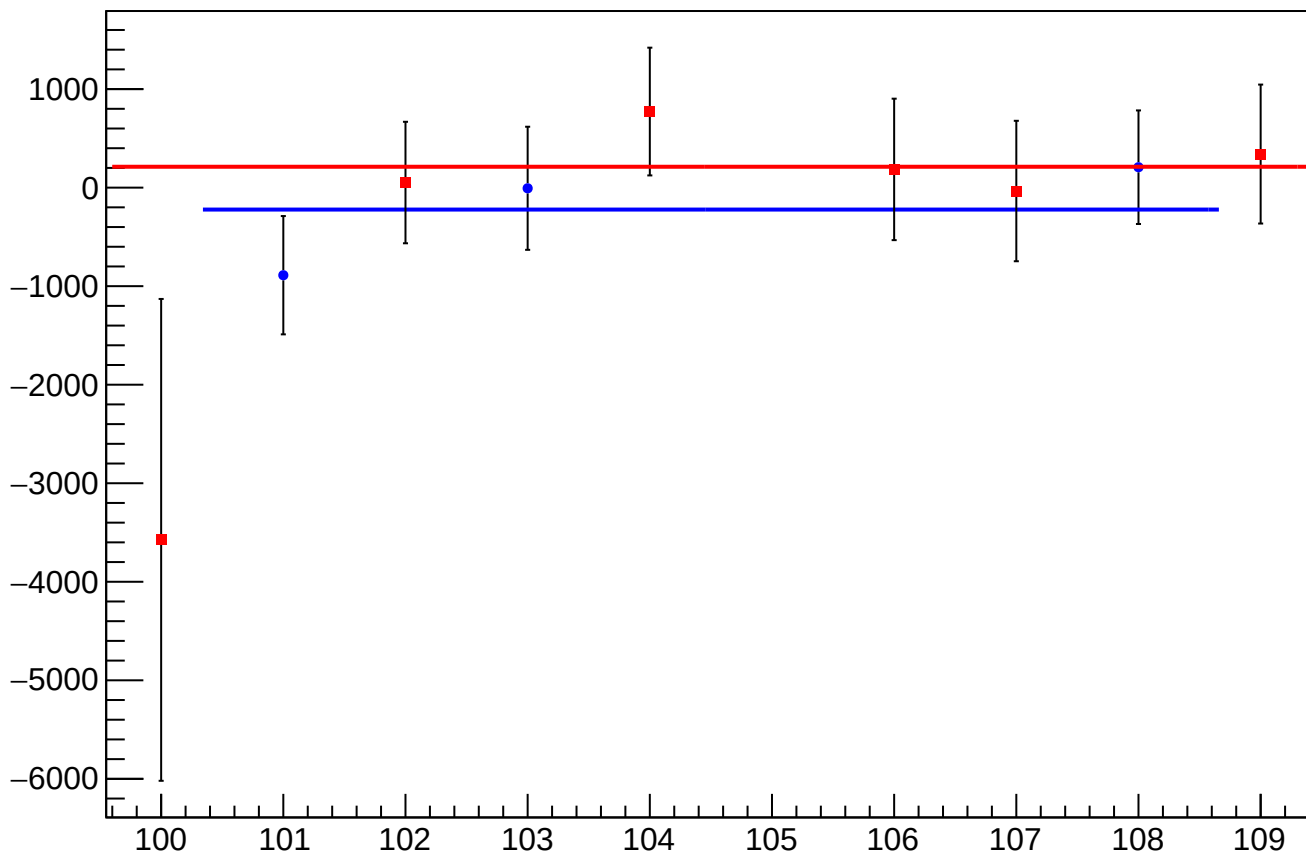
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.329 $\pm$ 0.027 χ^2 /NDF: 347741.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -222.593+/-346.104 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.924+/-300.159 χ^2/NDF : 3.4/5

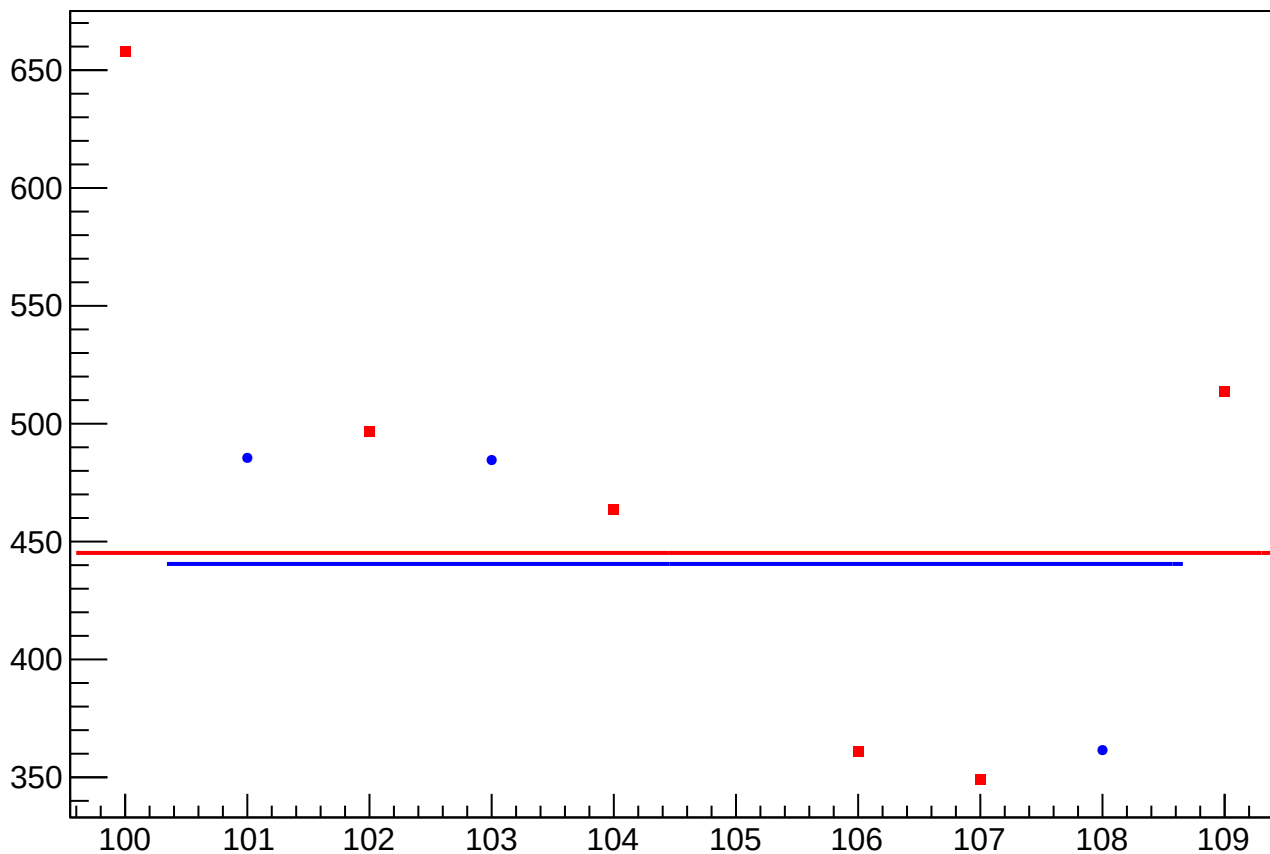
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.401+/-226.761 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug



Right In: 440.512 $\pm$ 0.245 χ^2 /NDF: 58757.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 445.181 $\pm$ 0.212 χ^2 /NDF: 113643.5/5

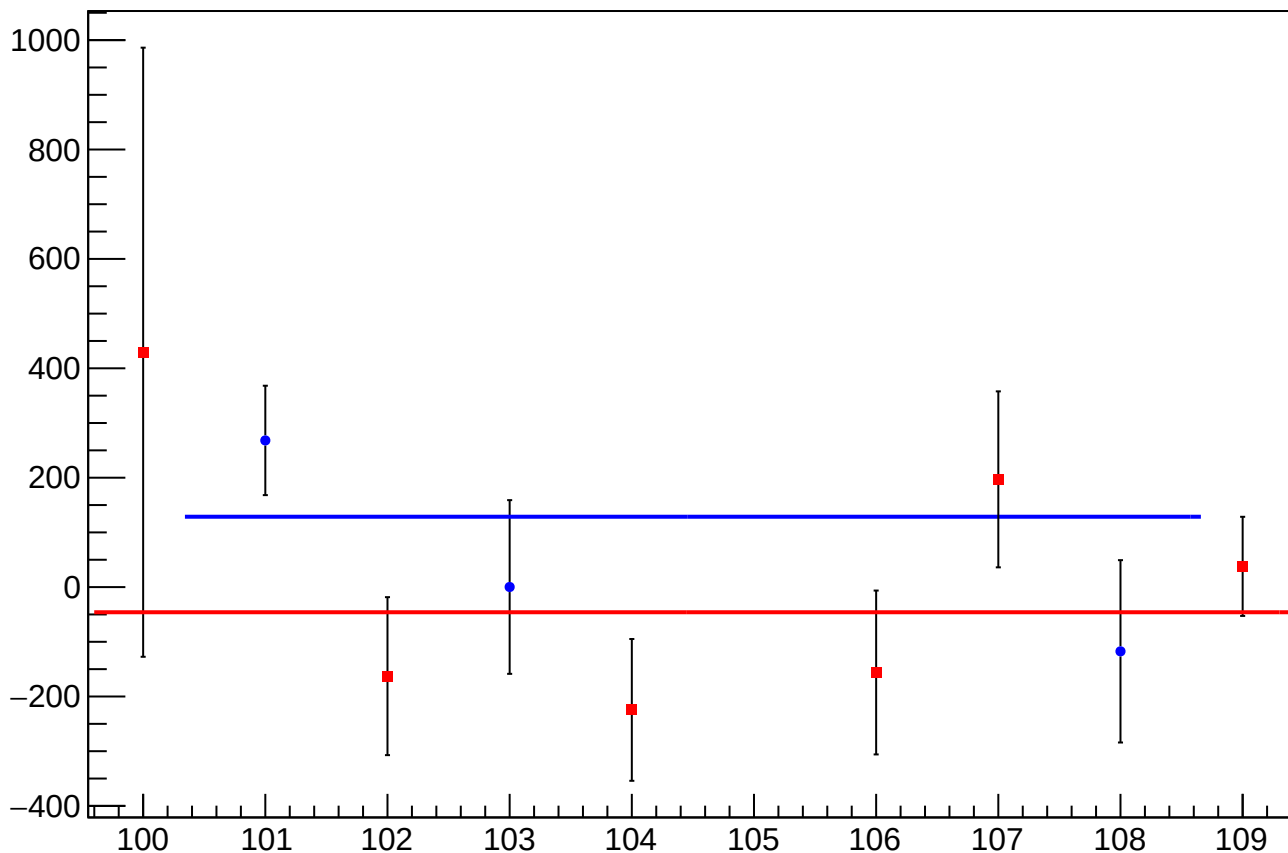
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 443.177 $\pm$ 0.160 χ^2 /NDF: 172609.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 128.659 $\pm$ 75.451 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.968 $\pm$ 56.282 χ^2 /NDF: 7.0/5

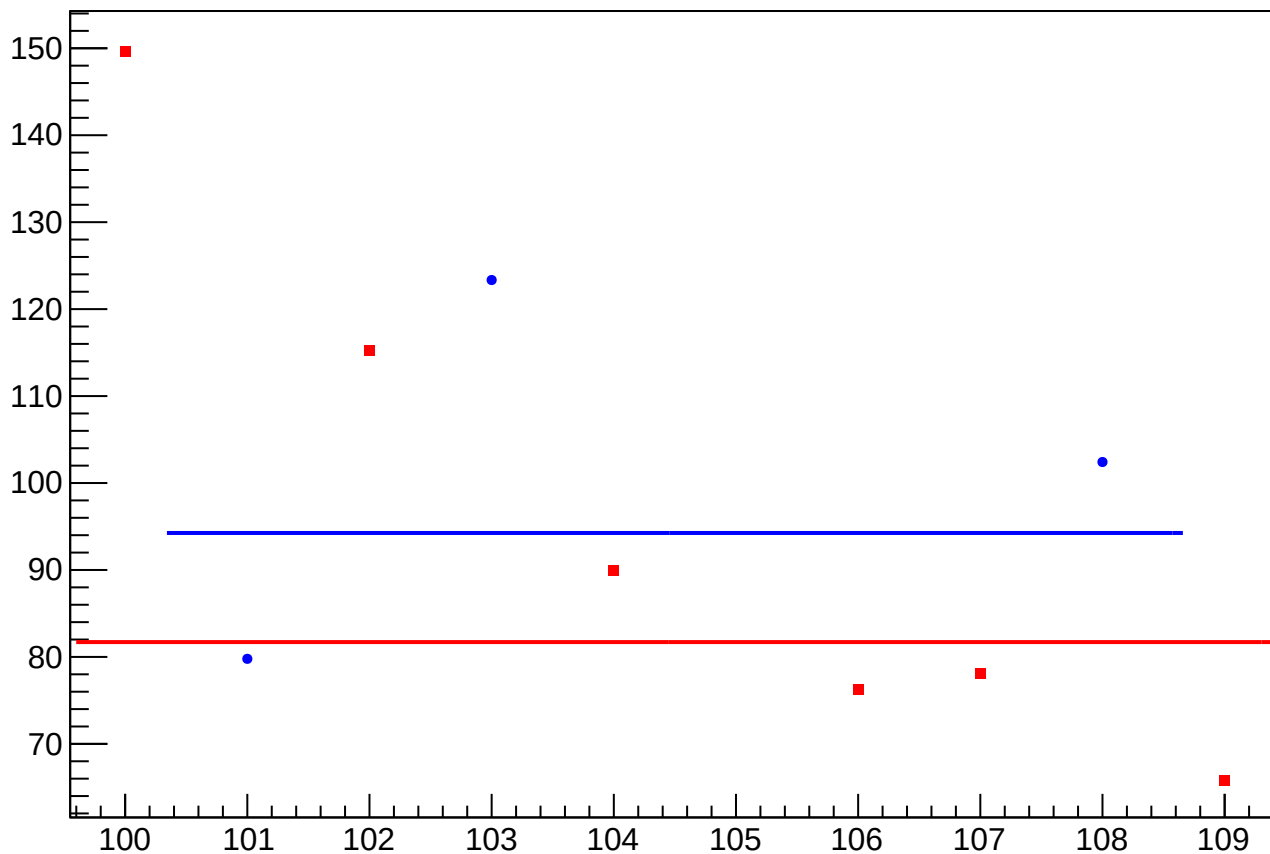
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.462 $\pm$ 45.113 χ^2 /NDF: 15.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 94.256+/-0.053 χ^2/NDF : 113819.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.708+/-0.040 χ^2/NDF : 211123.4/5

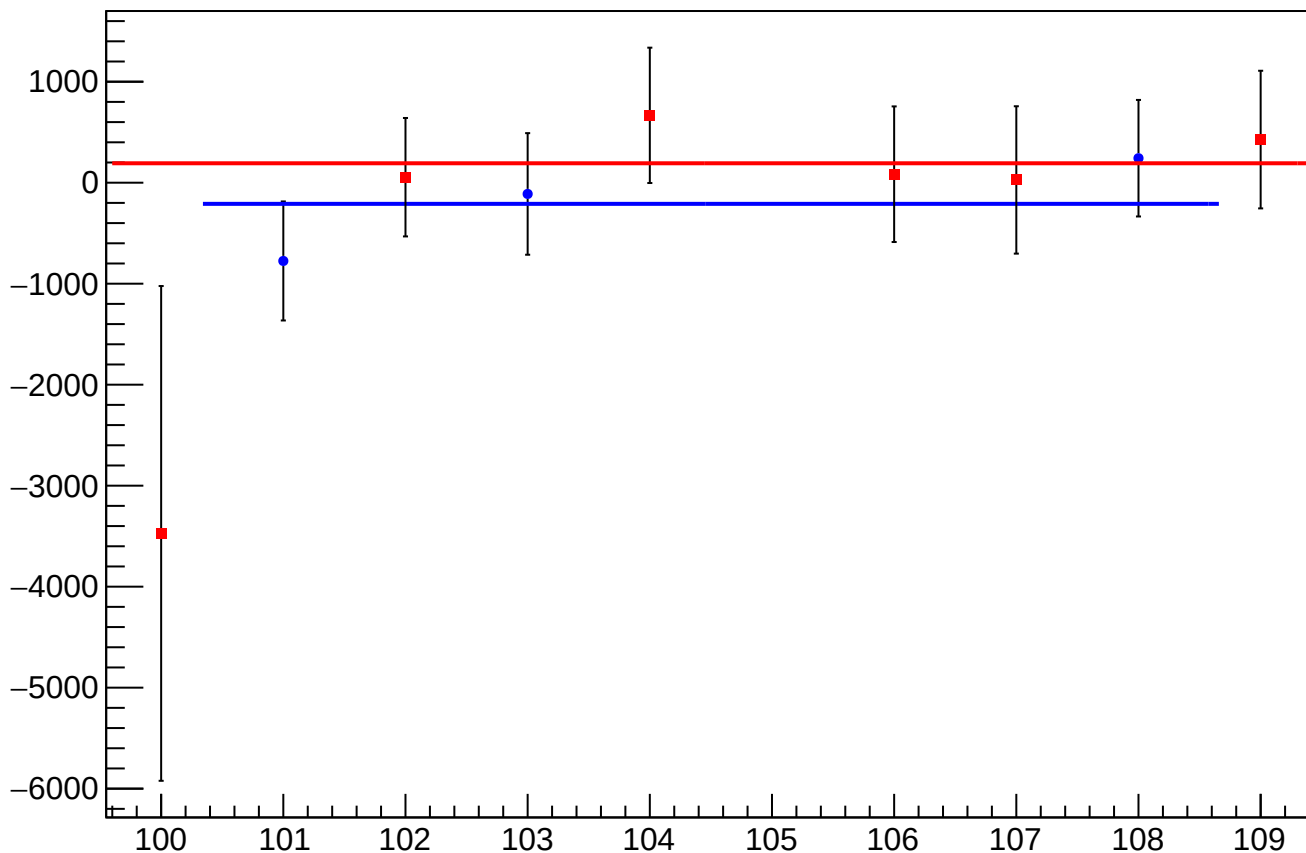
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.194+/-0.032 χ^2/NDF : 360486.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -209.435 $\pm$ 340.164 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 192.348 $\pm$ 294.213 χ^2 /NDF: 3.0/5

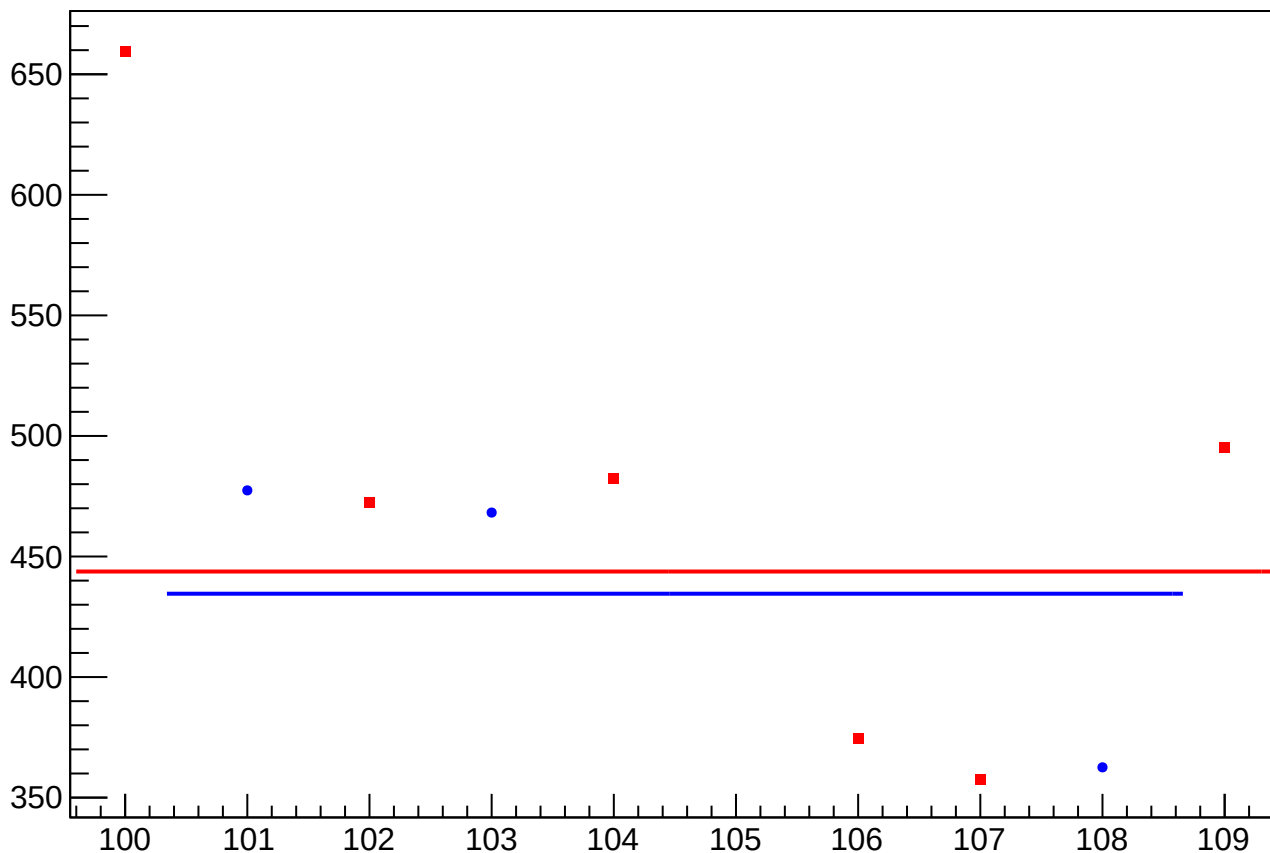
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.408 $\pm$ 222.526 χ^2 /NDF: 5.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 434.566+/-0.241 χ^2/NDF : 47974.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.772+/-0.208 χ^2/NDF : 87582.1/5

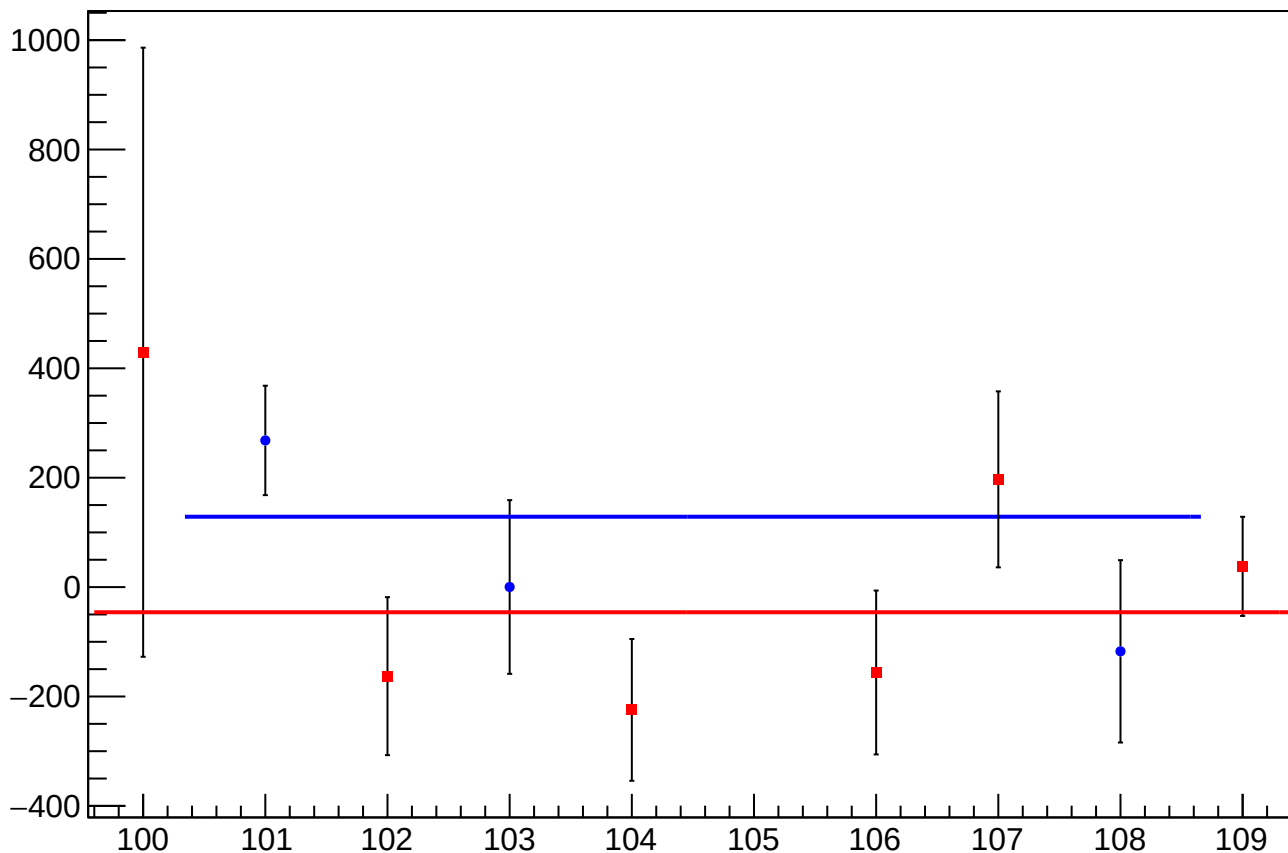
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 439.833+/-0.157 χ^2/NDF : 136394.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_13_57_dd_mean vs Slug



Right In: 128.663 $\pm$ 75.451 χ^2 /NDF: 4.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.967 $\pm$ 56.282 χ^2 /NDF: 7.0/5

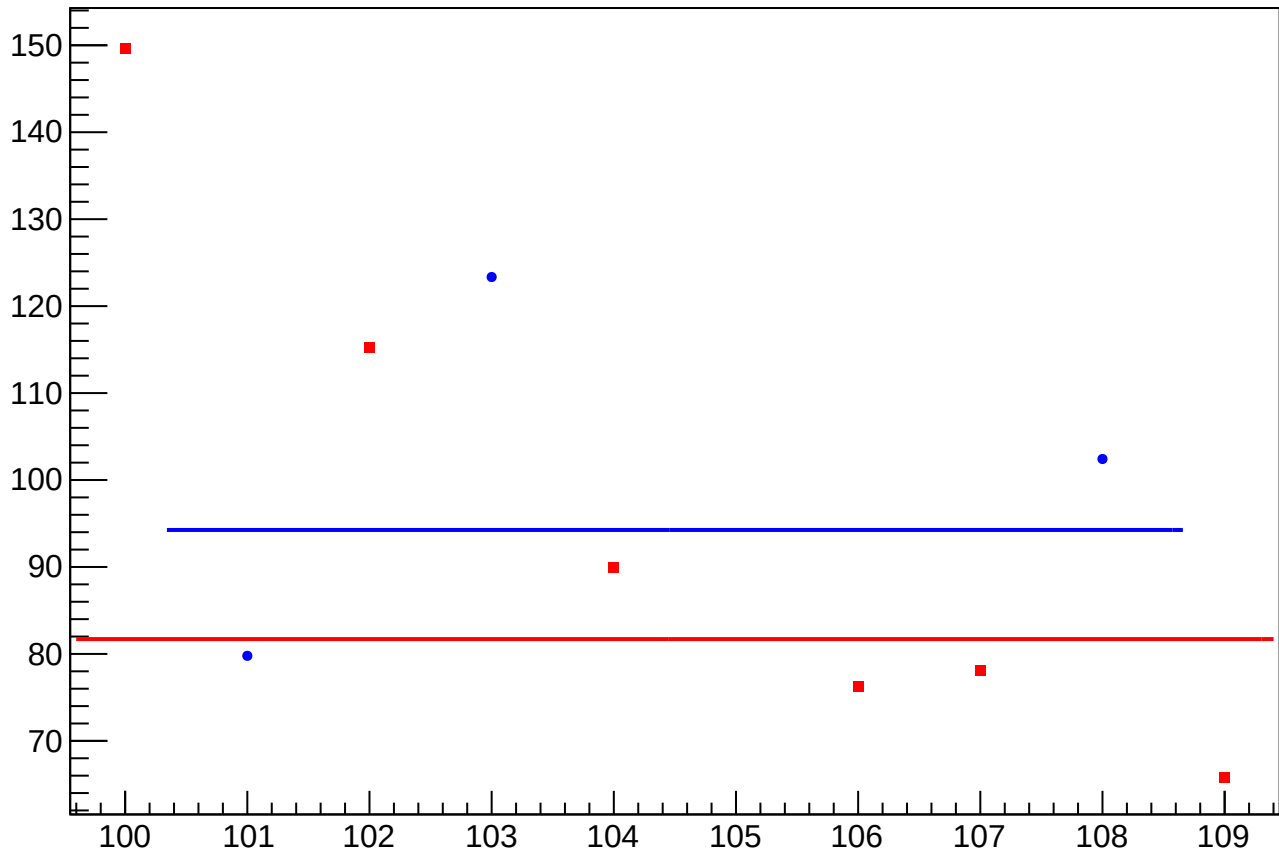
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.463 $\pm$ 45.113 χ^2 /NDF: 15.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 94.257 $\pm$ 0.053 χ^2 /NDF: 113821.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 81.708 $\pm$ 0.040 χ^2 /NDF: 211122.9/5

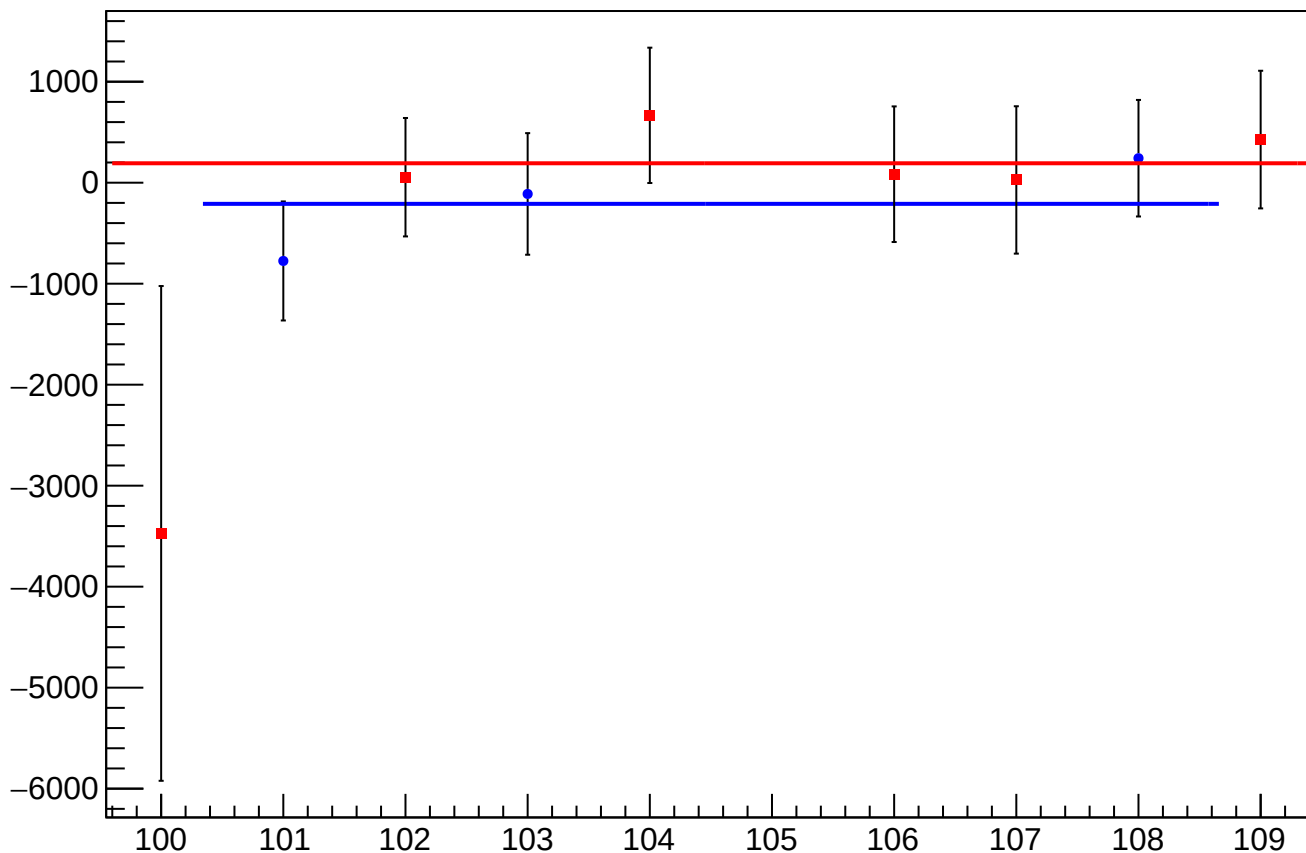
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.194 $\pm$ 0.032 χ^2 /NDF: 360488.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug



Right In: -209.435+/-340.163 χ^2 /NDF: 1.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 192.349+/-294.212 χ^2 /NDF: 3.0/5

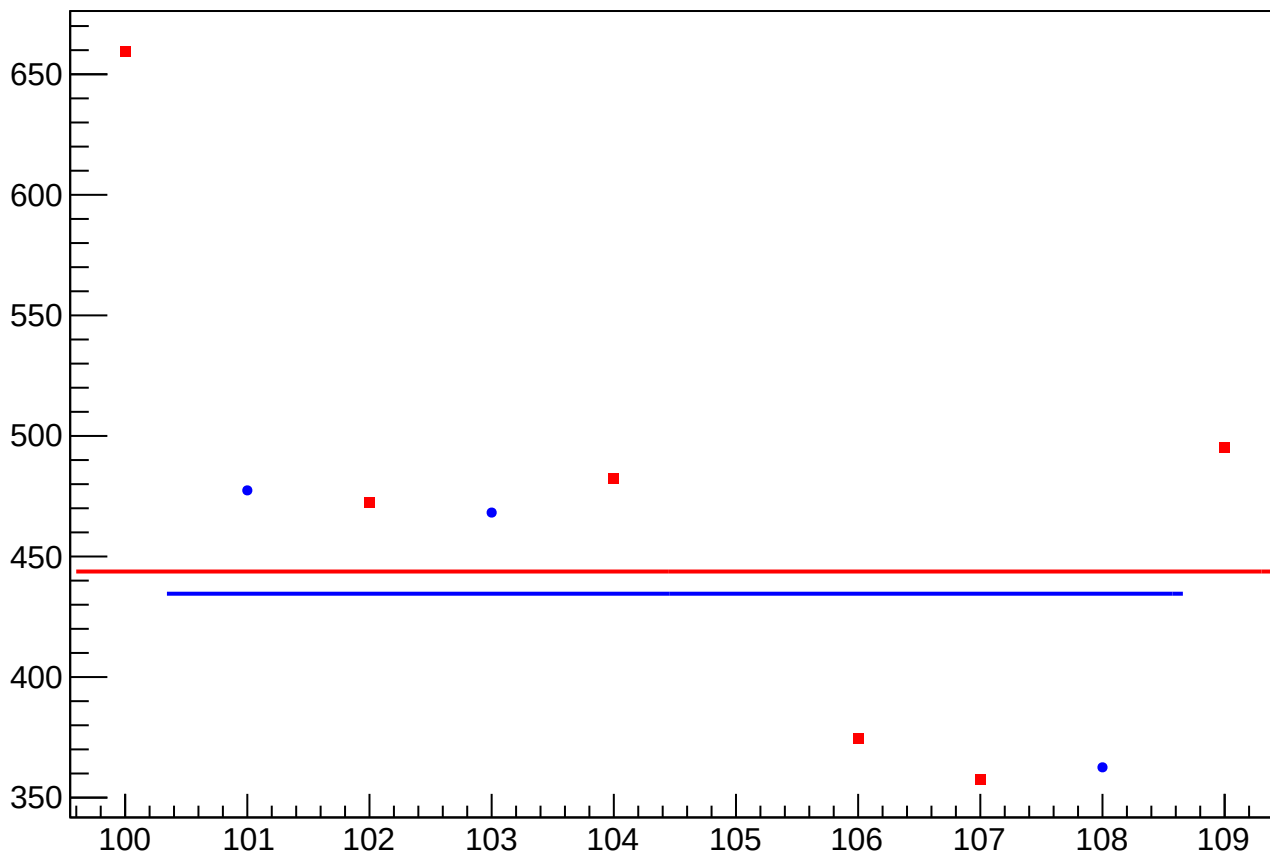
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 20.408+/-222.526 χ^2 /NDF: 5.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 434.565 $\pm$ 0.241 χ^2 /NDF: 47973.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 443.771 $\pm$ 0.208 χ^2 /NDF: 87580.7/5

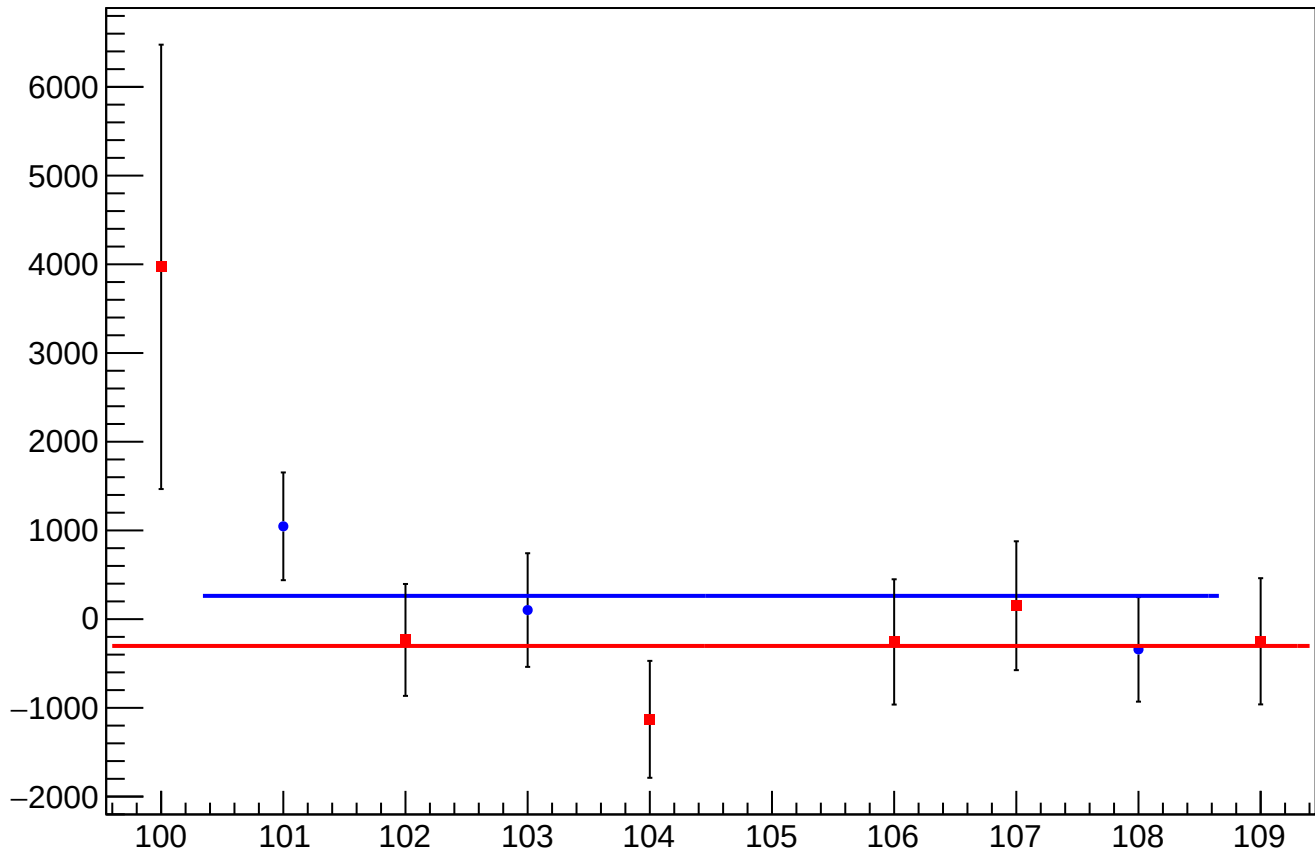
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 439.831 $\pm$ 0.157 χ^2 /NDF: 136392.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_mean vs Slug



Right In: 262.424 $\pm$ 352.916 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -302.027 $\pm$ 303.559 χ^2 /NDF: 4.9/5

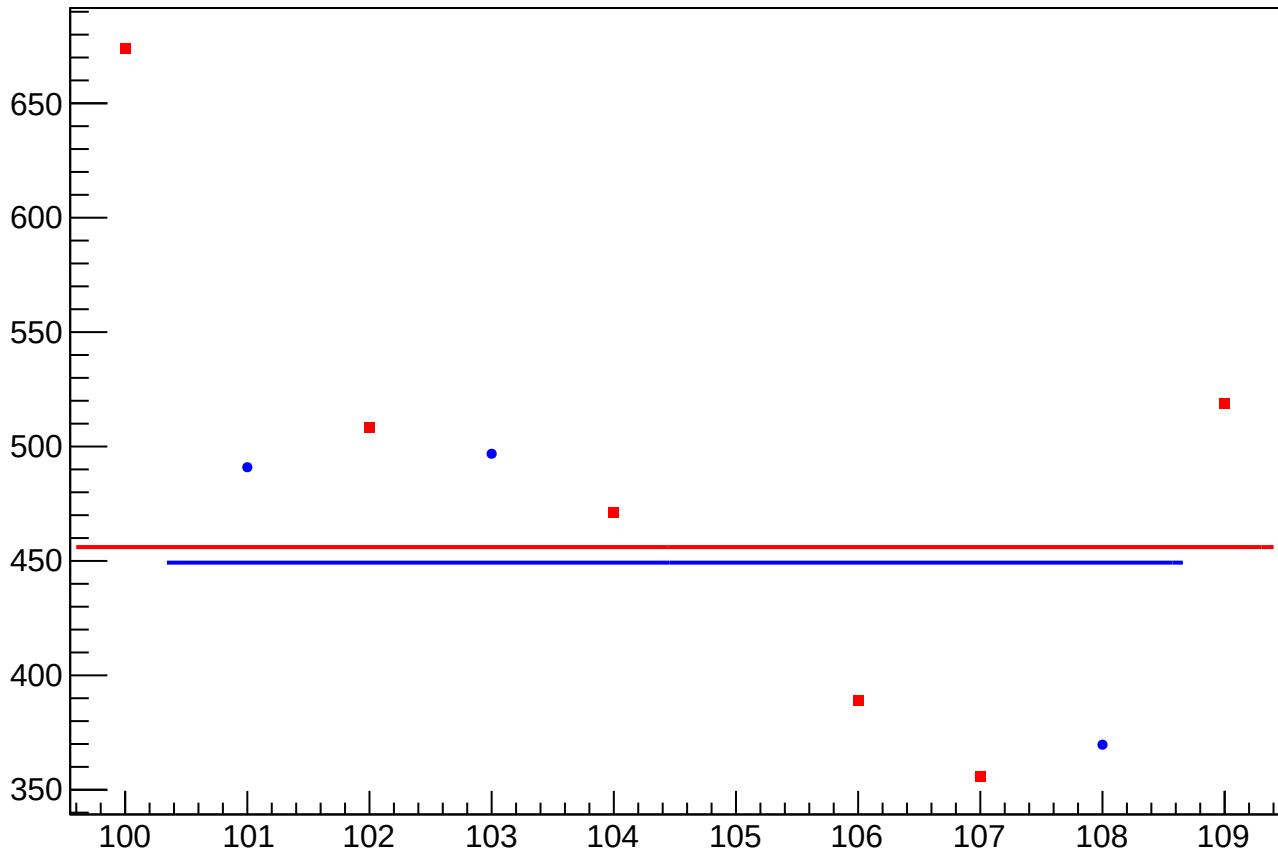
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -62.001 $\pm$ 230.137 χ^2 /NDF: 9.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 449.257 $\pm$ 0.250 χ^2 /NDF: 56908.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 456.065 $\pm$ 0.215 χ^2 /NDF: 101696.2/5

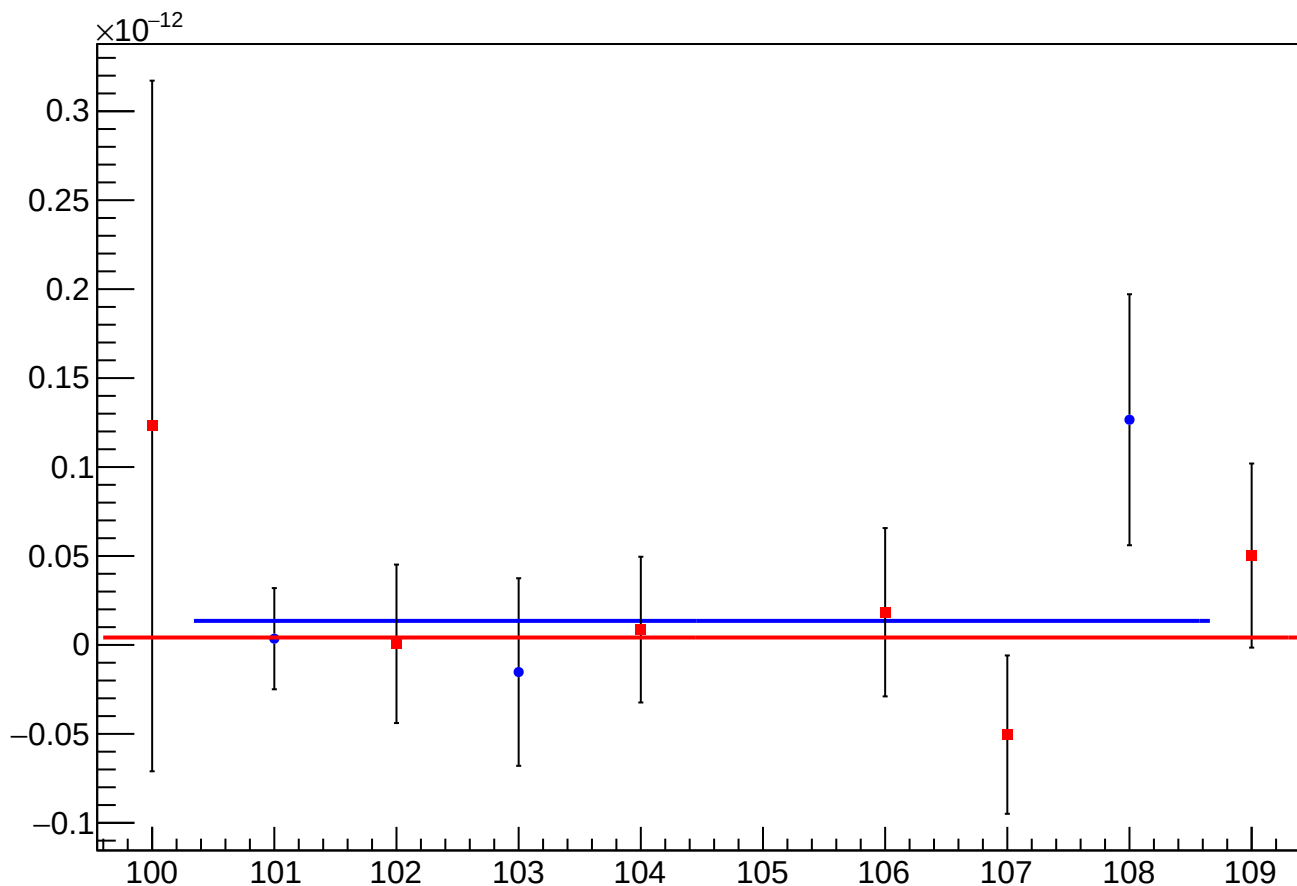
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 453.170 $\pm$ 0.163 χ^2 /NDF: 159032.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.8/5

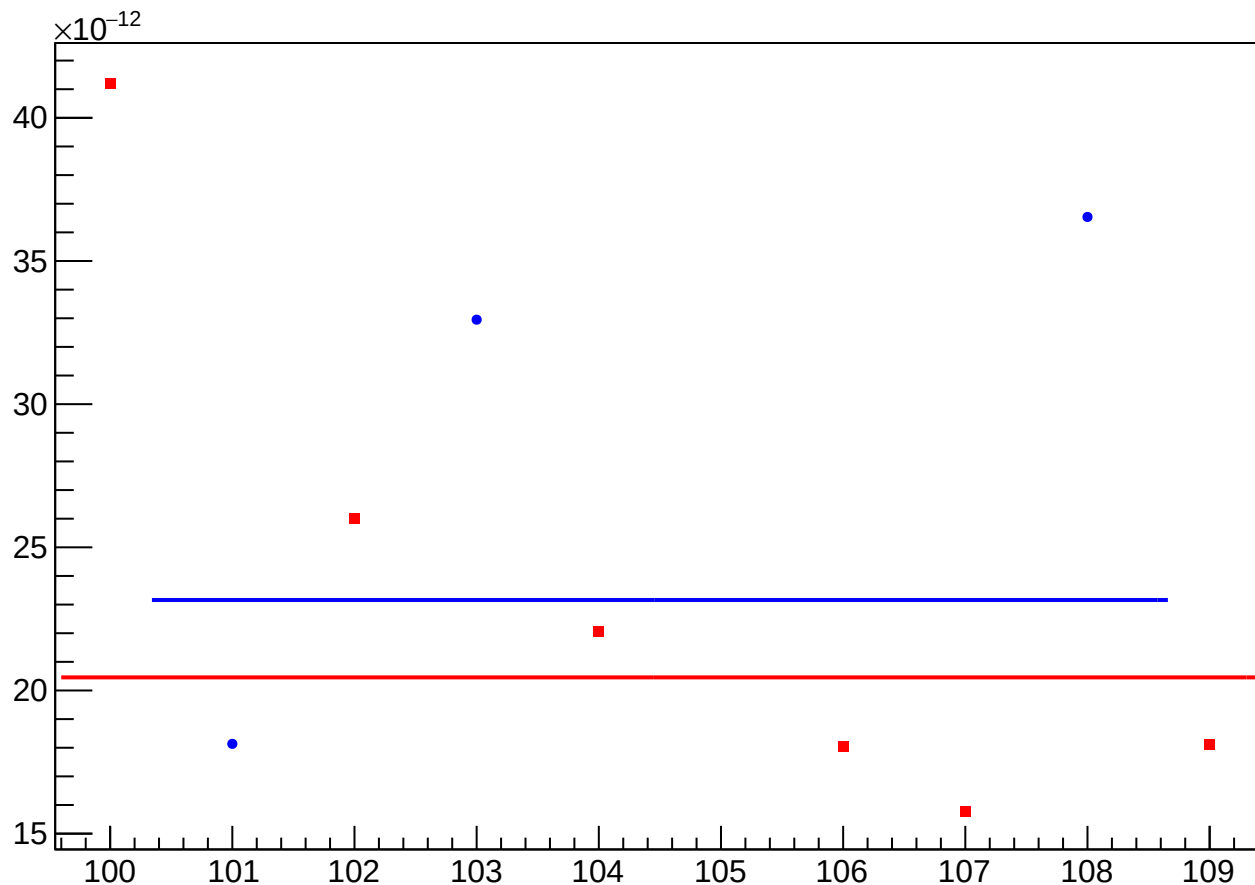
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 203278.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 88609.8/5

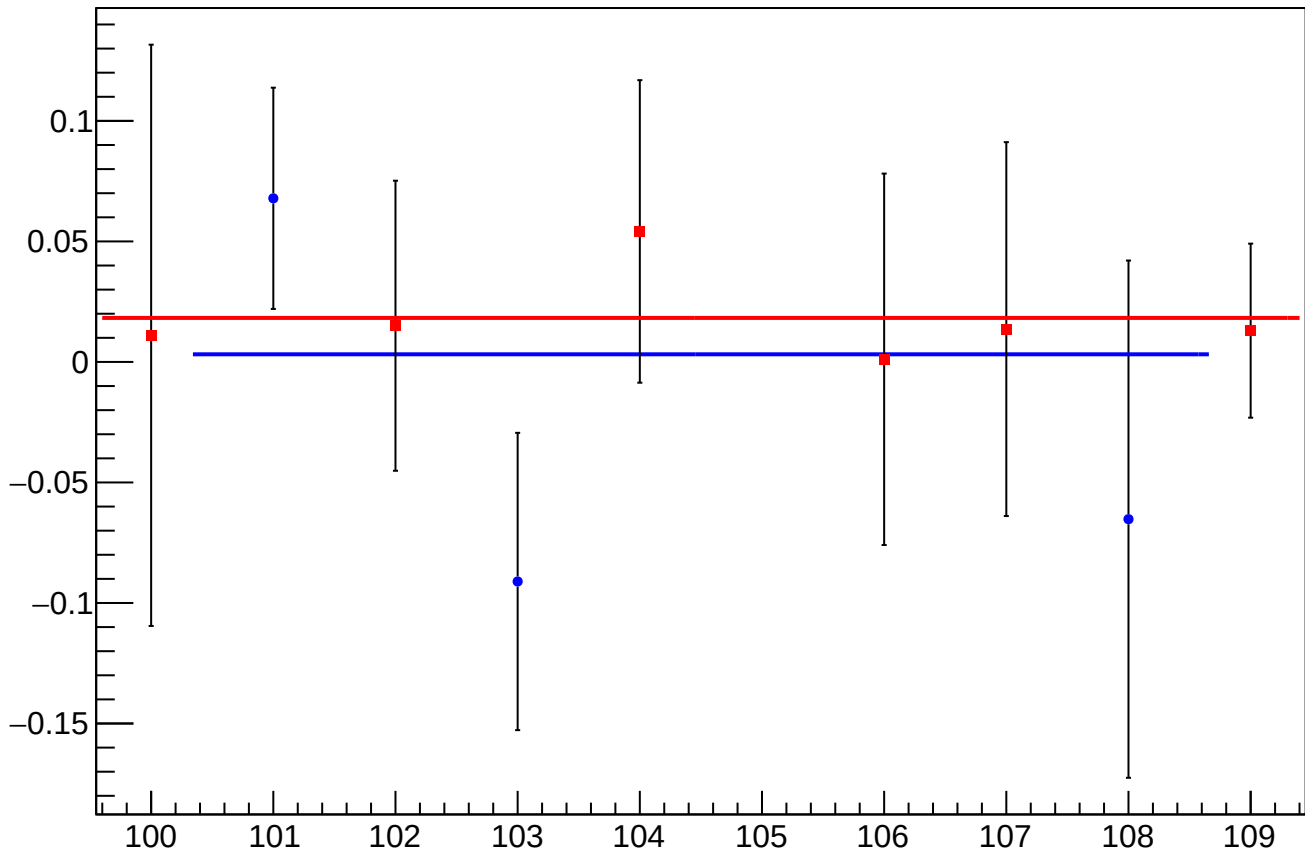
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 307031.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.003 $\pm$ 0.035 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.024 χ^2 /NDF: 0.4/5

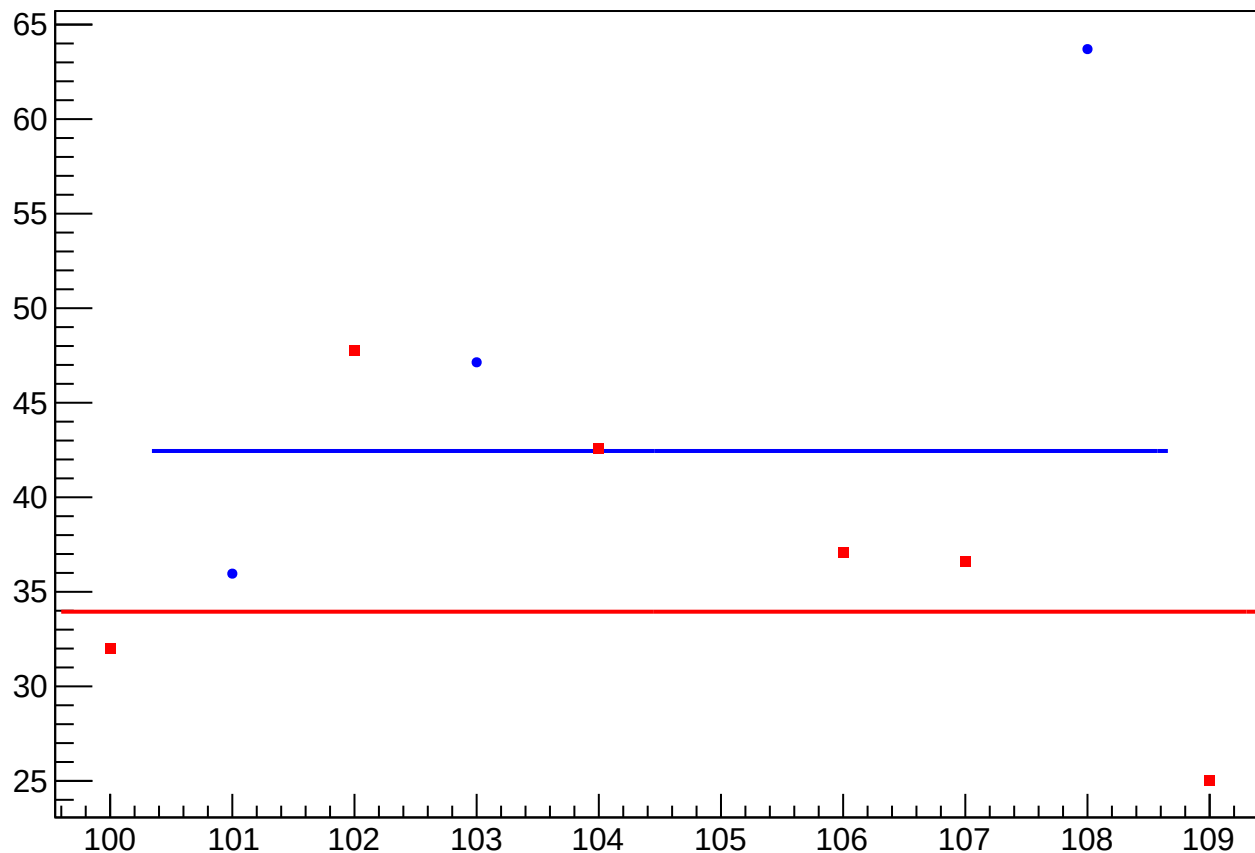
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.020 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug



Right In: 42.449 $\pm$ 0.025 χ^2 /NDF: 129994.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.949 $\pm$ 0.017 χ^2 /NDF: 271178.4/5

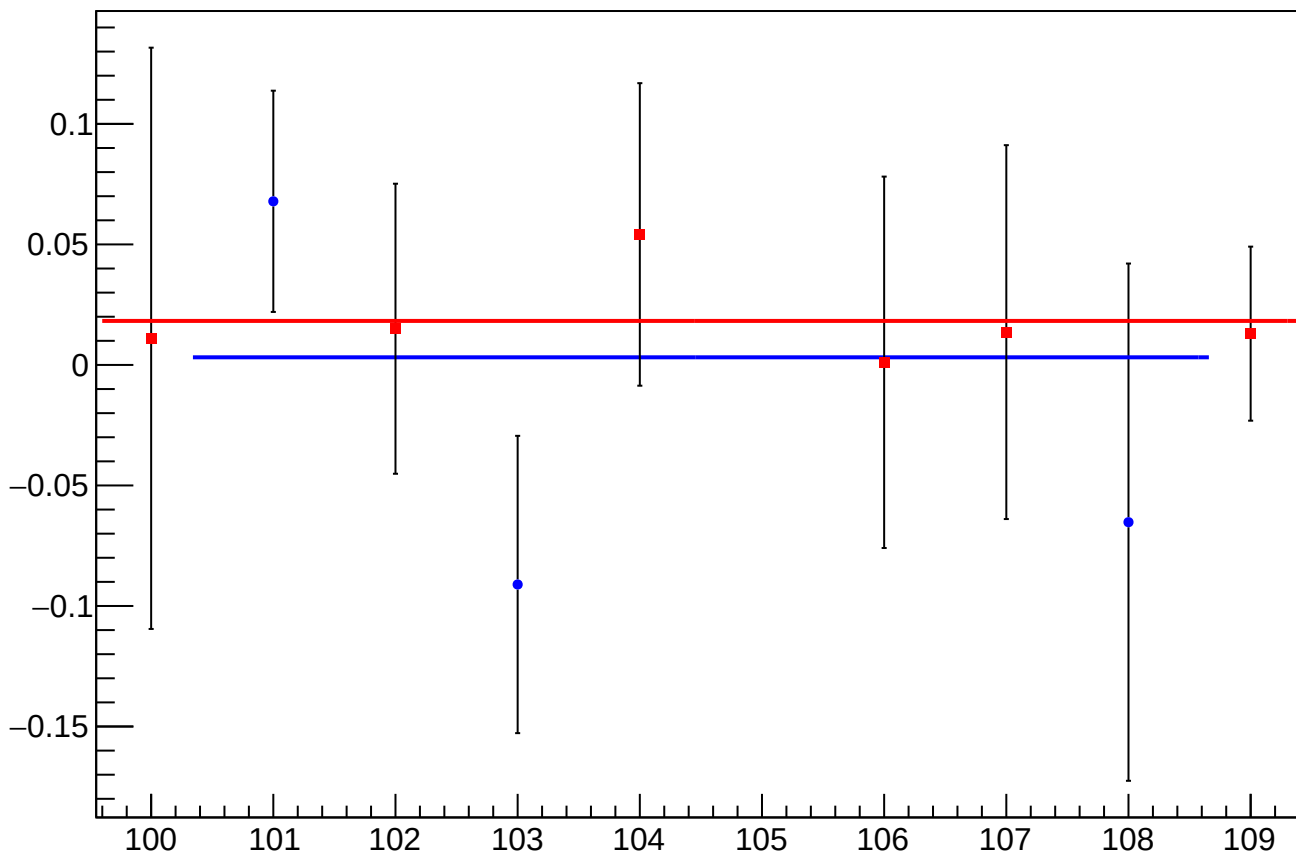
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.724 $\pm$ 0.014 χ^2 /NDF: 481410.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.003 $\pm$ 0.035 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.024 χ^2 /NDF: 0.4/5

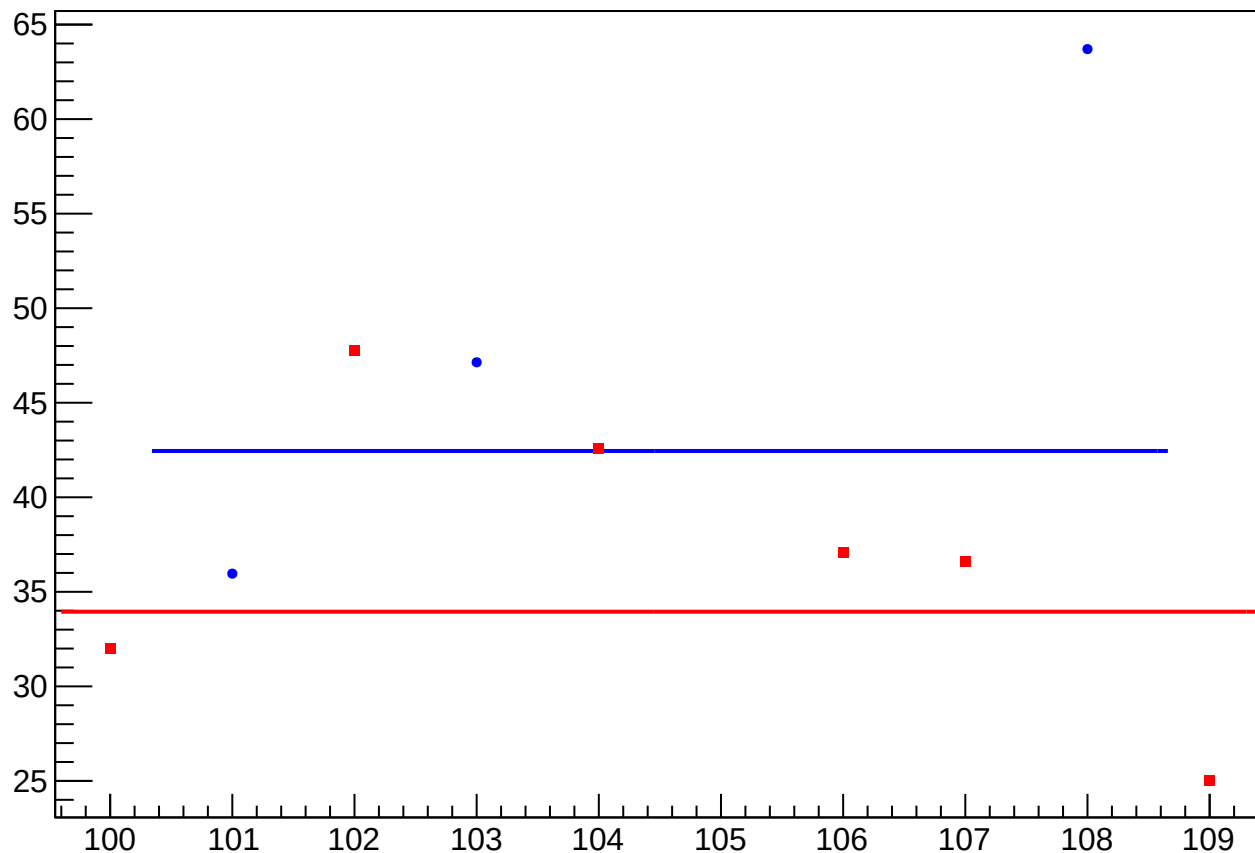
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.020 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.449 $\pm$ 0.025 χ^2 /NDF: 129994.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.949 $\pm$ 0.017 χ^2 /NDF: 271178.4/5

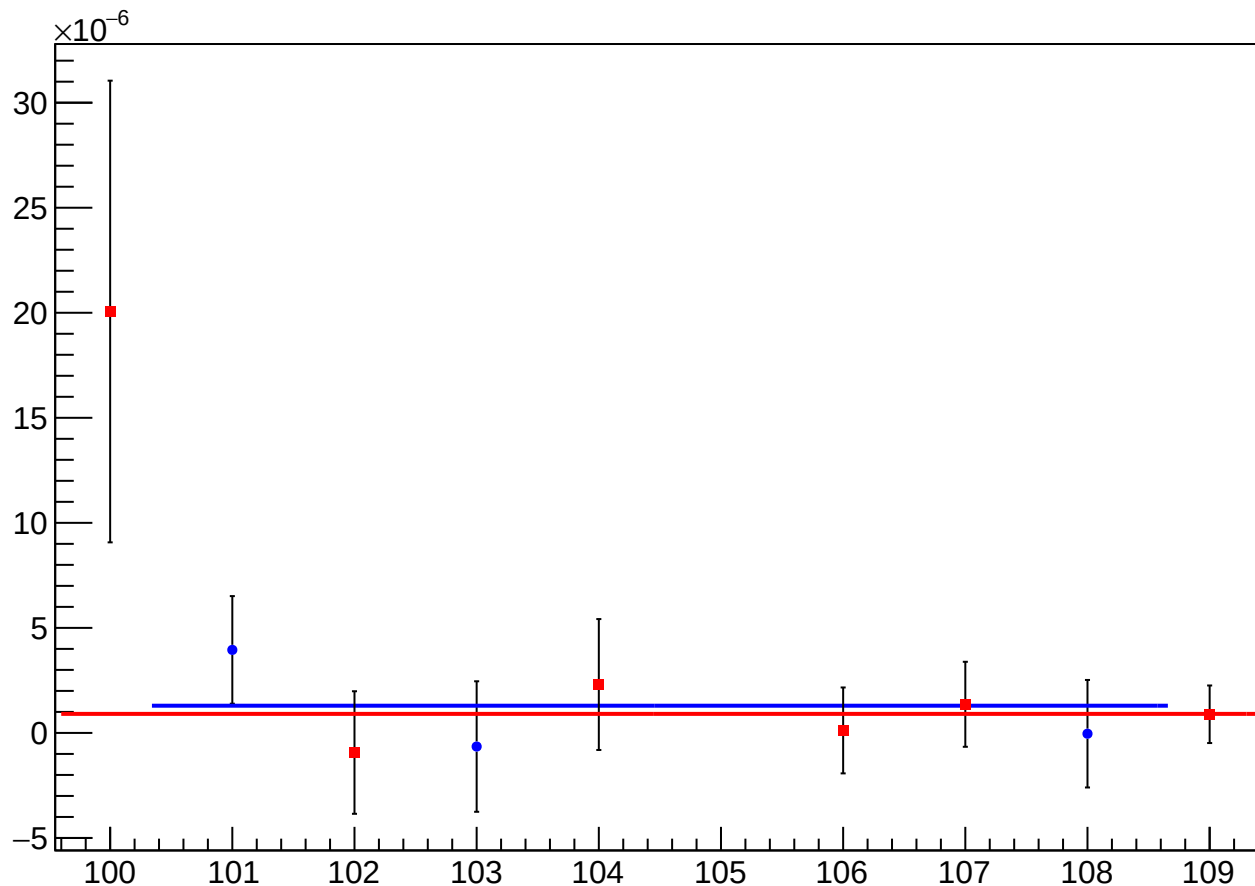
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.724 $\pm$ 0.014 χ^2 /NDF: 481410.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/5

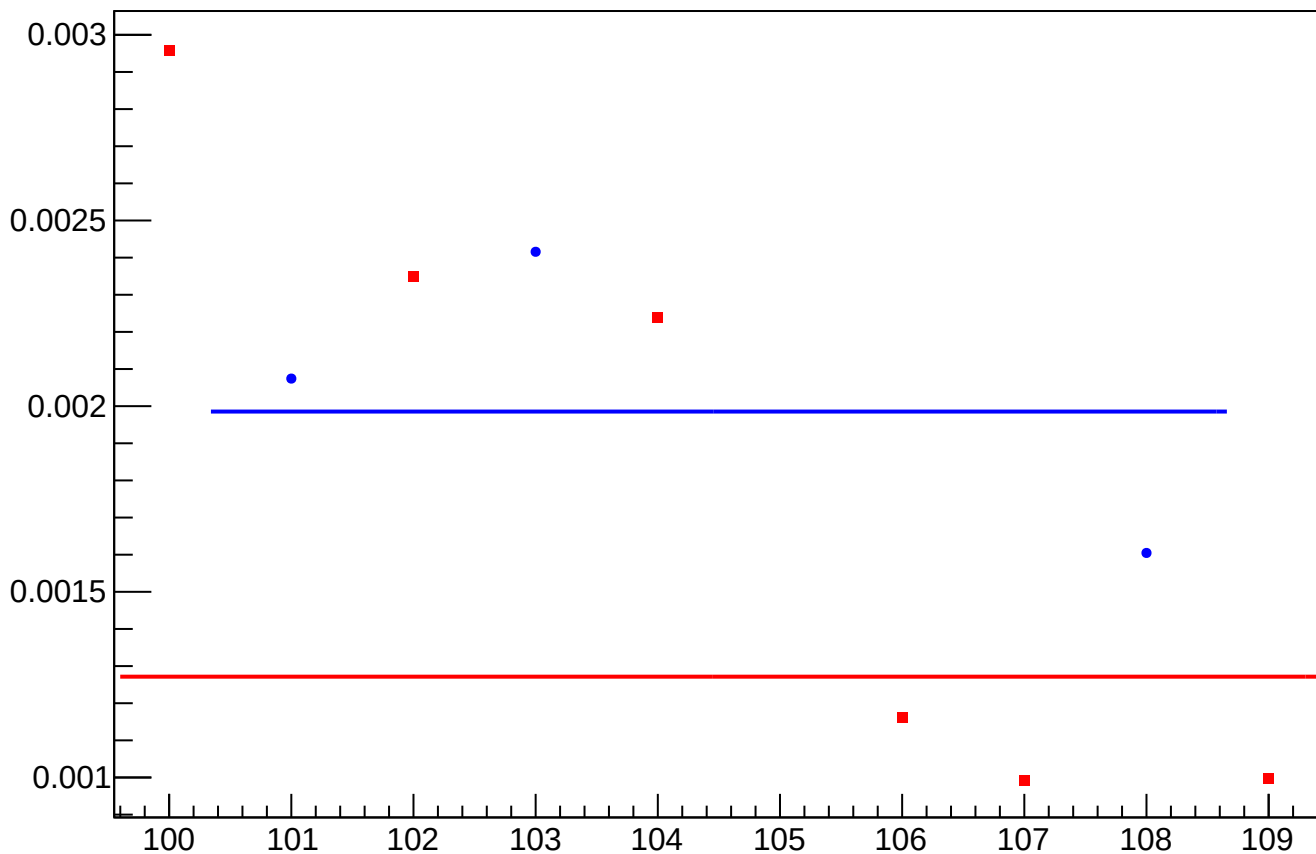
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 85045.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 636184.8/5

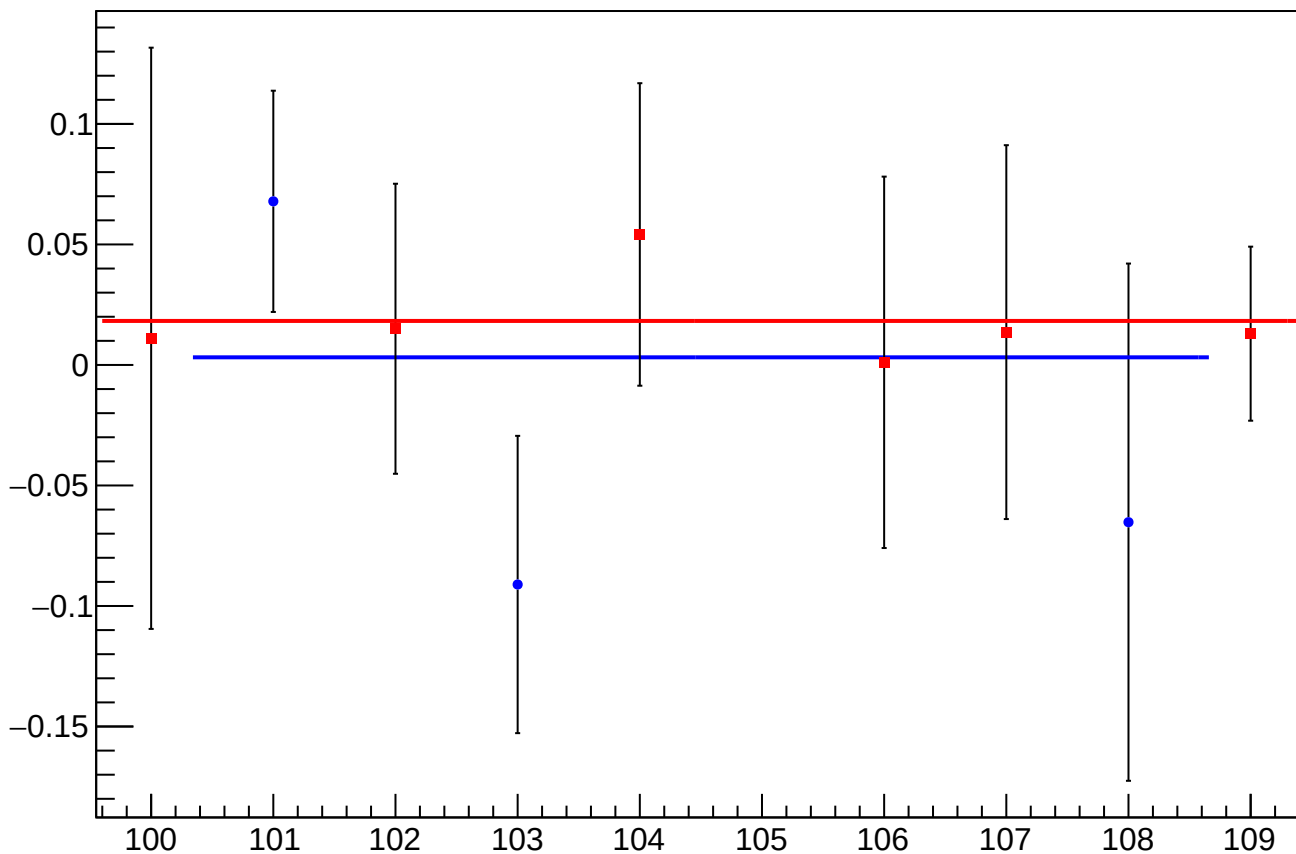
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 1035003.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.003 $\pm$ 0.035 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.024 χ^2 /NDF: 0.4/5

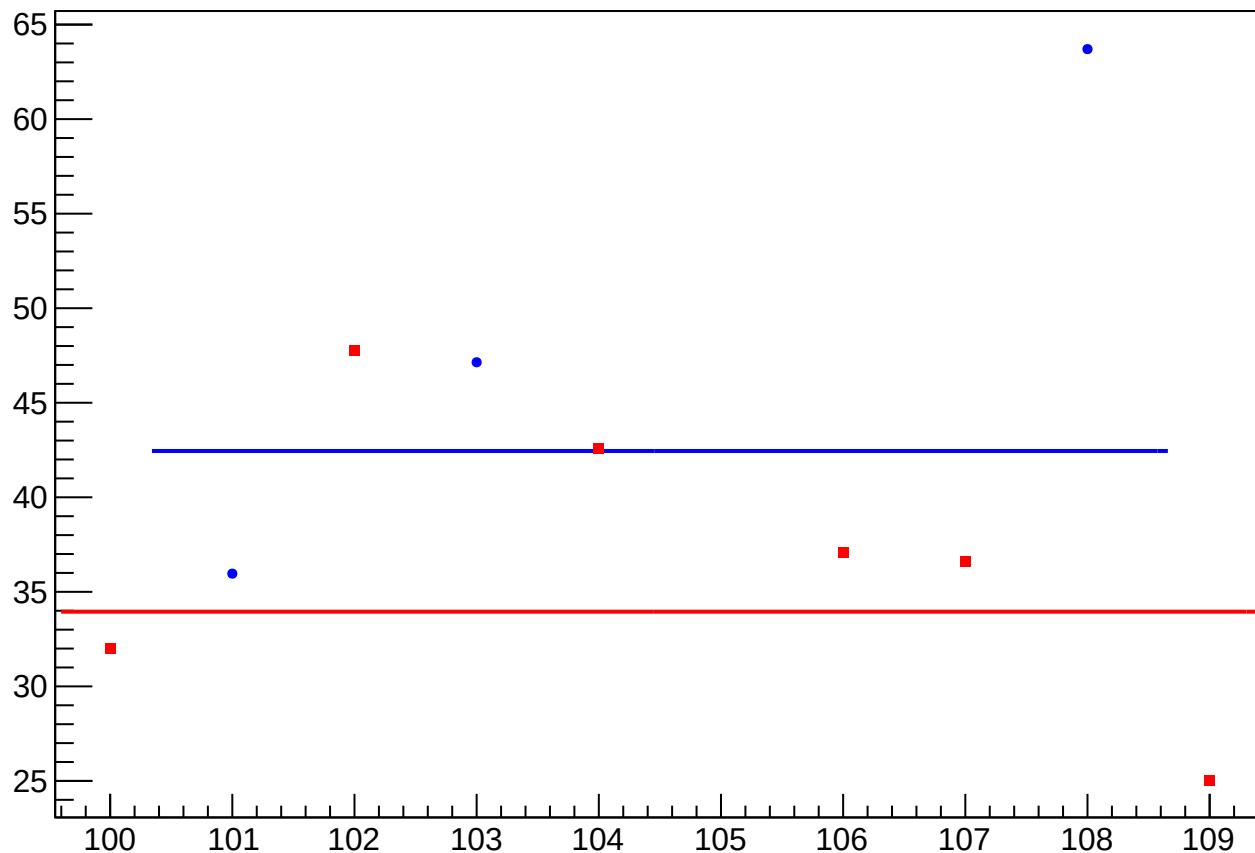
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.020 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 42.449 $\pm$ 0.025 χ^2 /NDF: 129999.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.950 $\pm$ 0.017 χ^2 /NDF: 271171.8/5

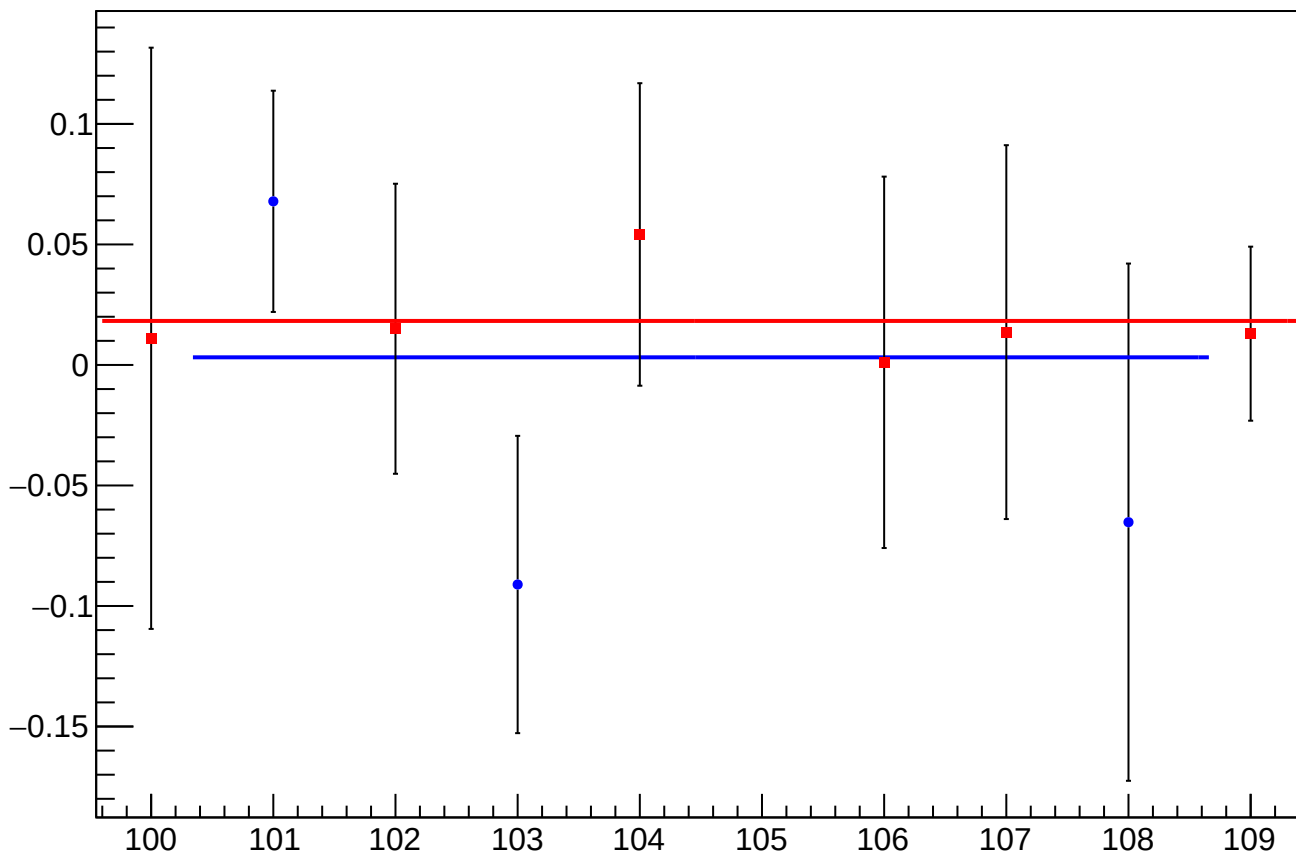
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.725 $\pm$ 0.014 χ^2 /NDF: 481411.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.003 $\pm$ 0.035 χ^2 /NDF: 4.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.018 $\pm$ 0.024 χ^2 /NDF: 0.4/5

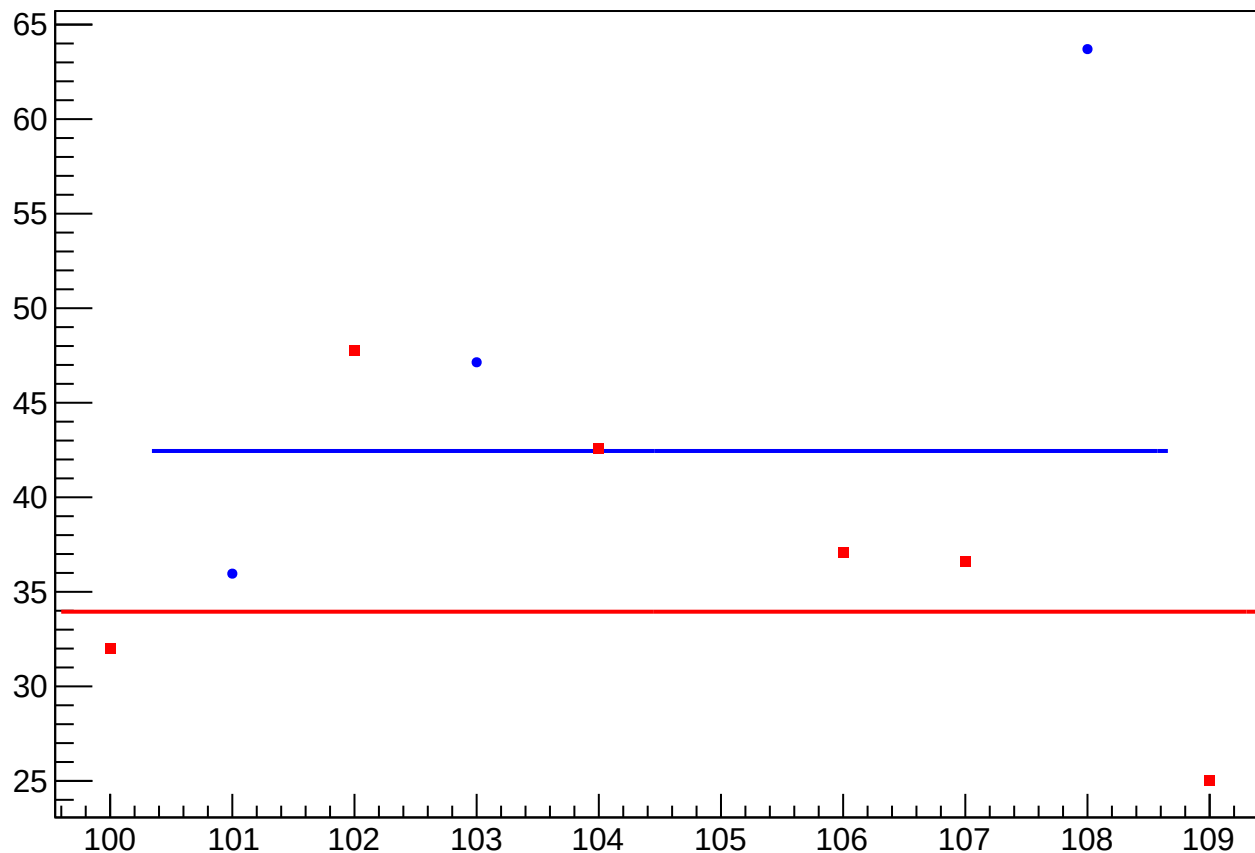
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.020 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.449 $\pm$ 0.025 χ^2 /NDF: 129999.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.950 $\pm$ 0.017 χ^2 /NDF: 271171.8/5

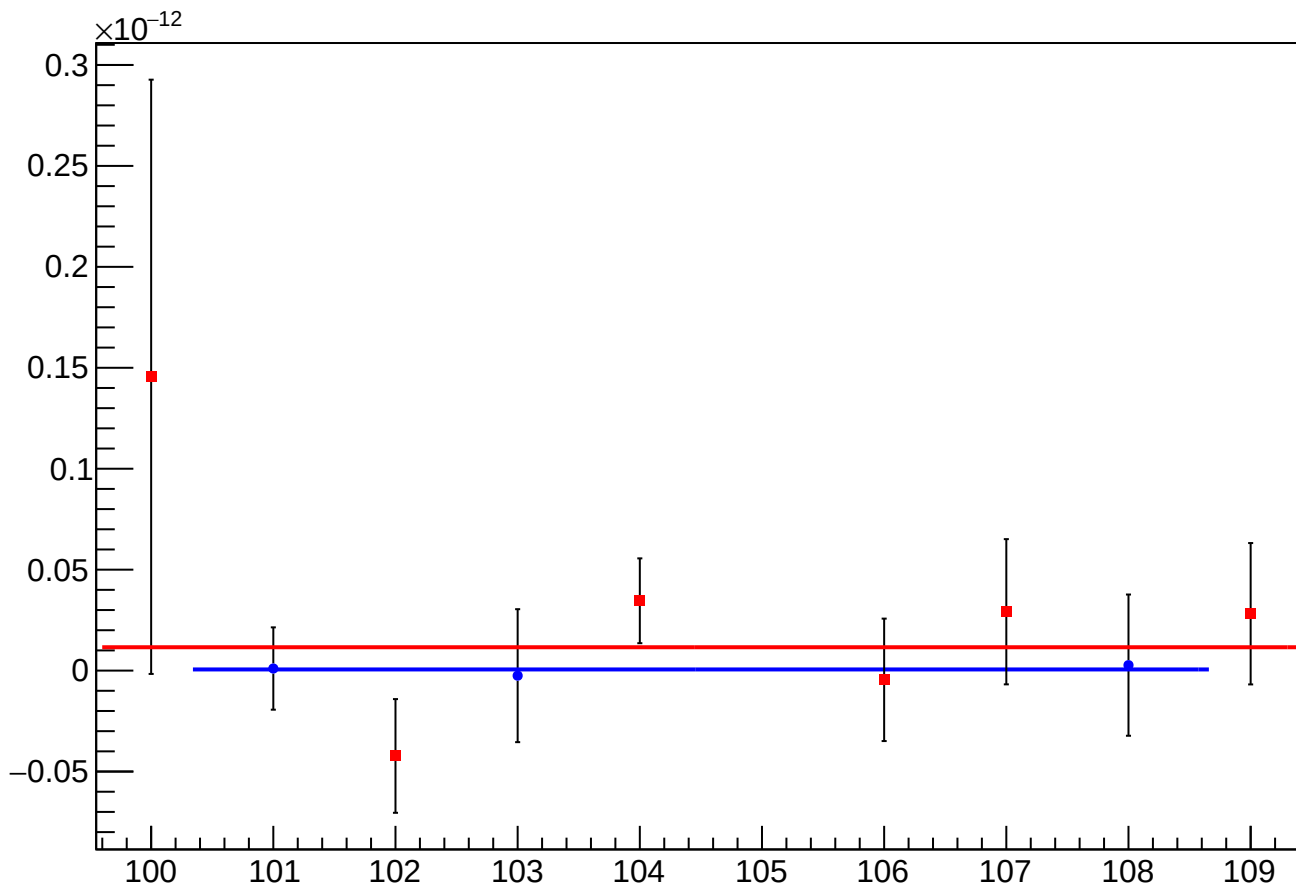
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.725 $\pm$ 0.014 χ^2 /NDF: 481411.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.4/5

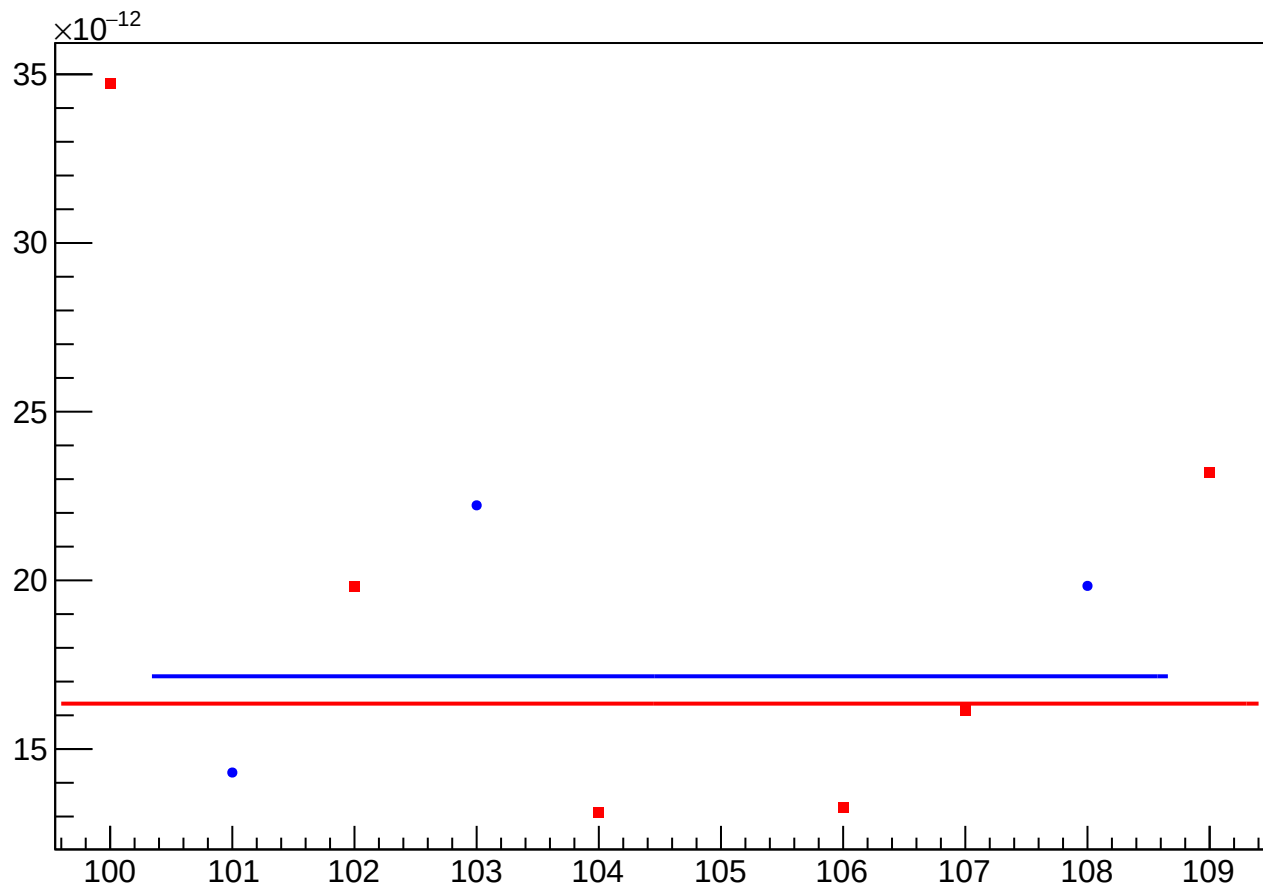
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 98230.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 205642.3/5

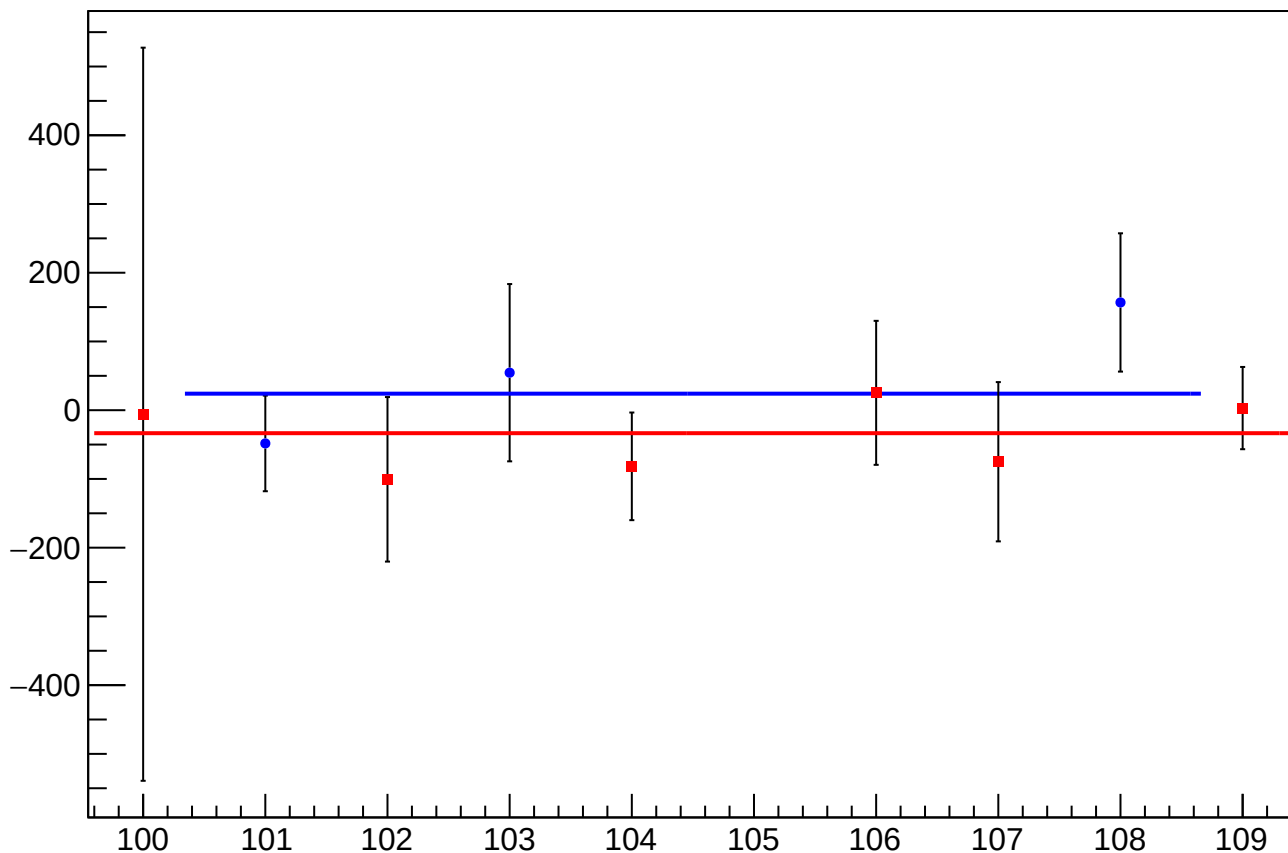
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 307144.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 24.050 $\pm$ 52.306 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.443 $\pm$ 38.308 χ^2 /NDF: 1.5/5

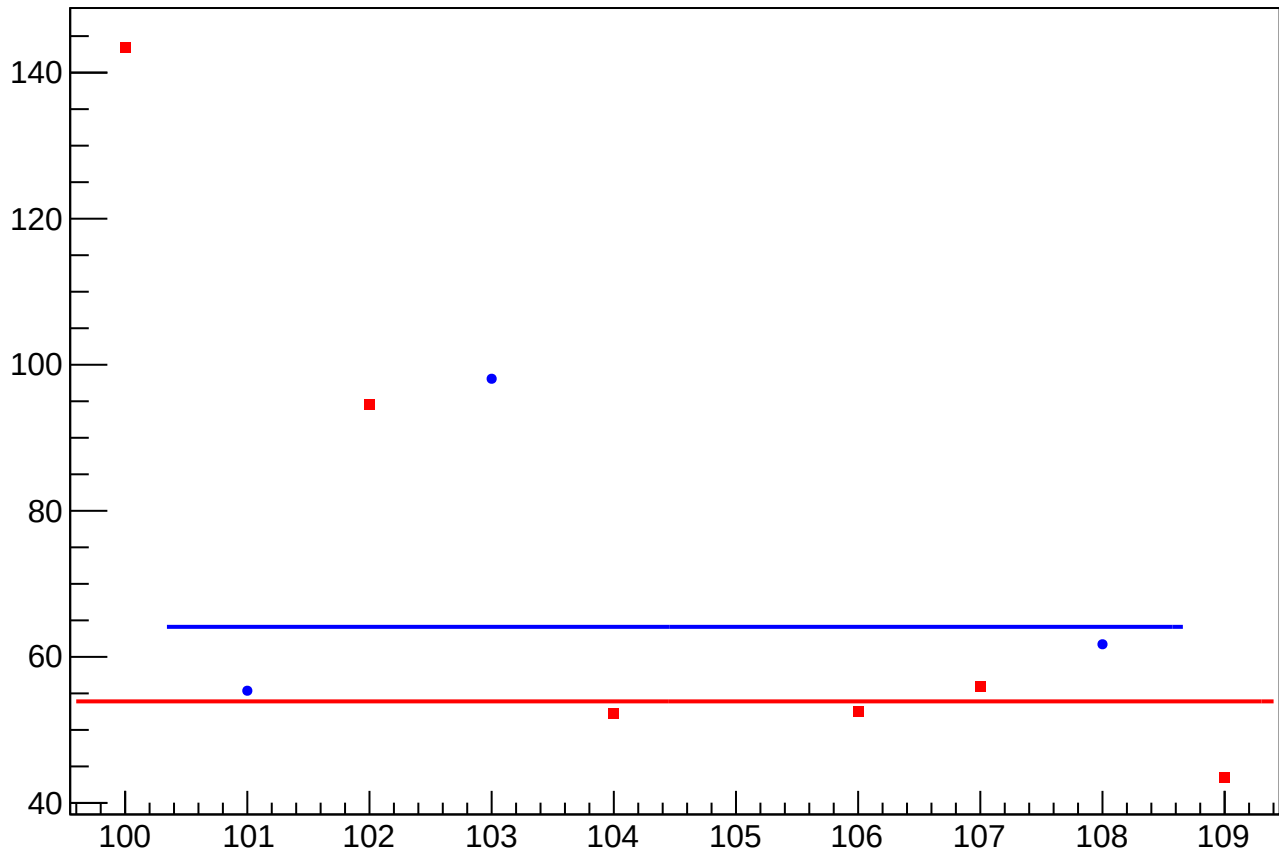
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.371 $\pm$ 30.906 χ^2 /NDF: 5.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 64.113+/-0.037 χ^2/NDF : 171496.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.907+/-0.027 χ^2/NDF : 349267.0/5

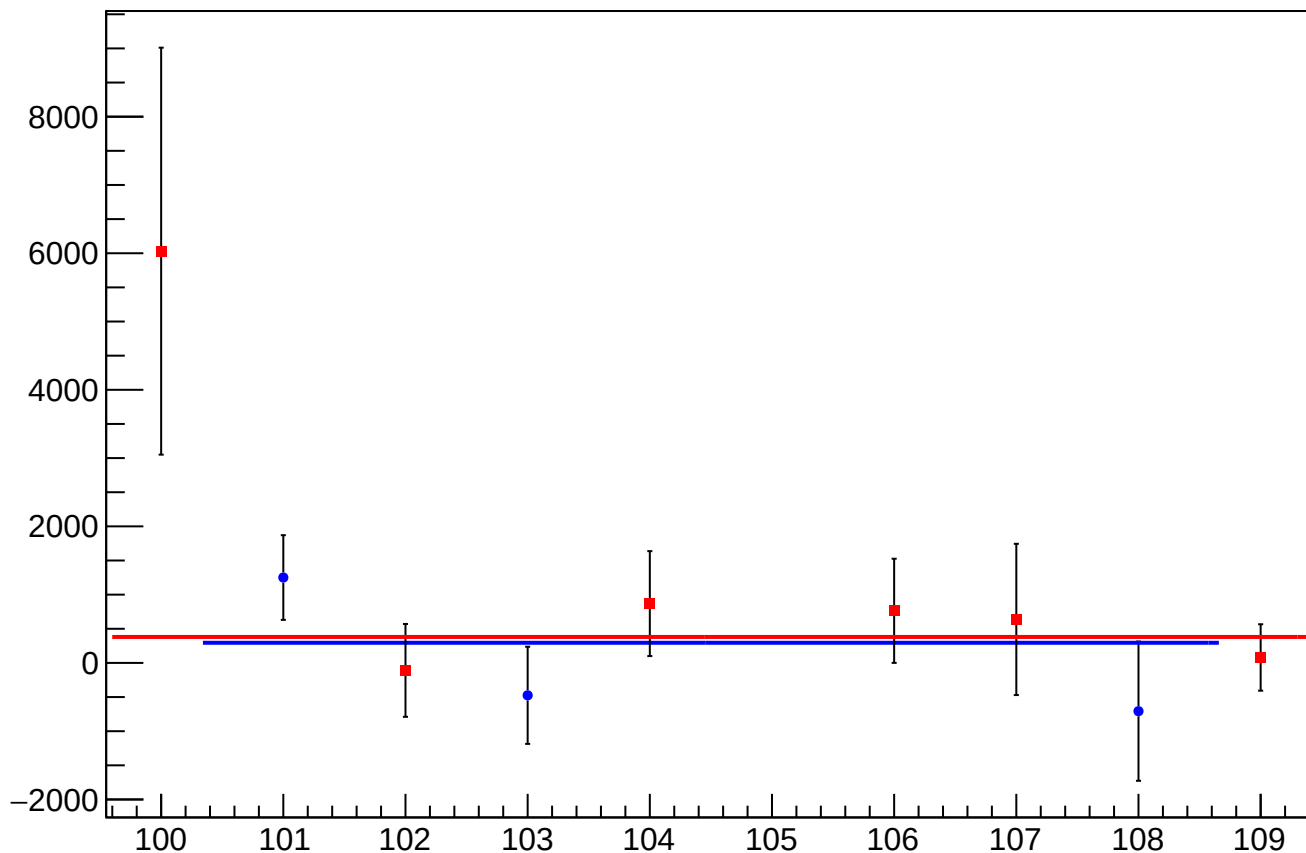
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.470+/-0.022 χ^2/NDF : 570327.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: 295.265 $\pm$ 424.969 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 380.406 $\pm$ 305.314 χ^2 /NDF: 5.2/5

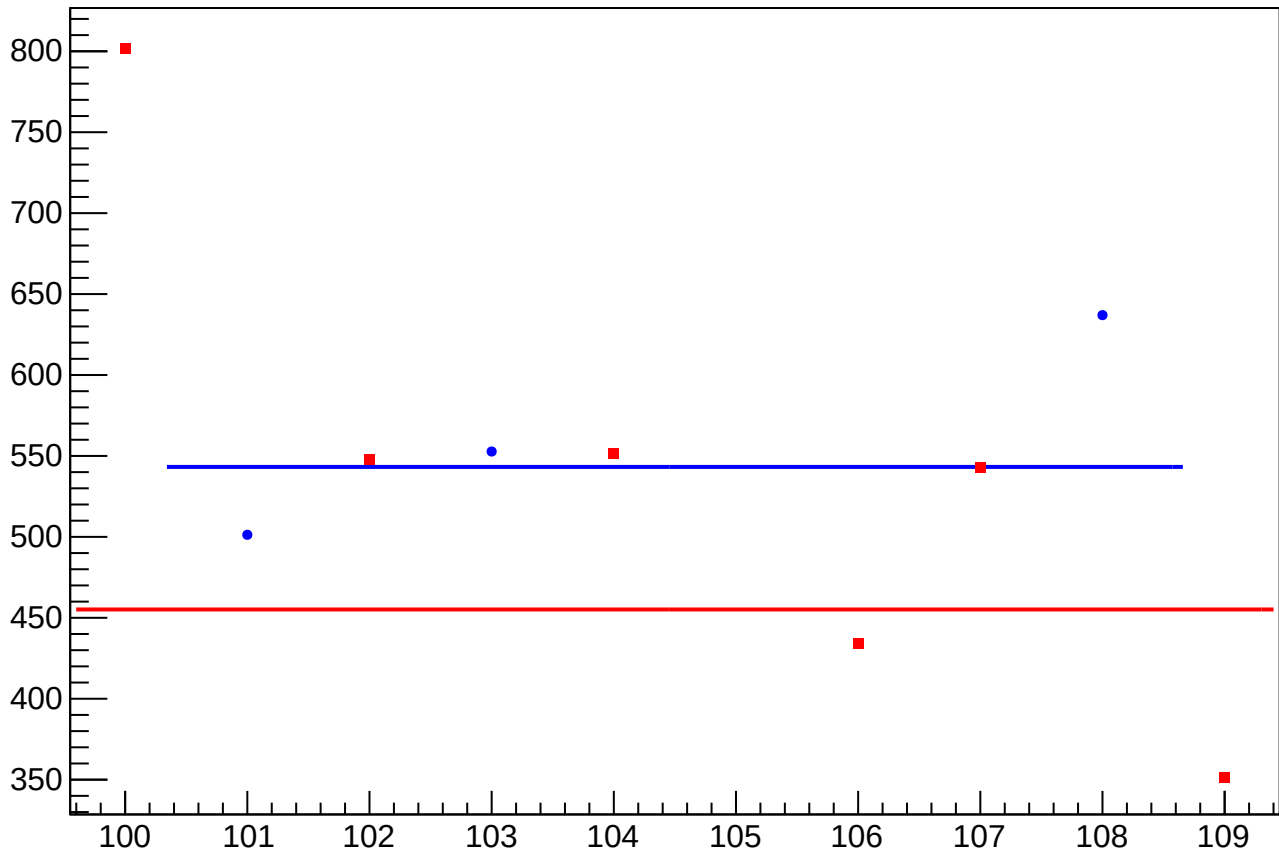
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 351.421 $\pm$ 247.956 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 543.219+/-0.300 χ^2/NDF : 26413.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.153+/-0.216 χ^2/NDF : 200431.9/5

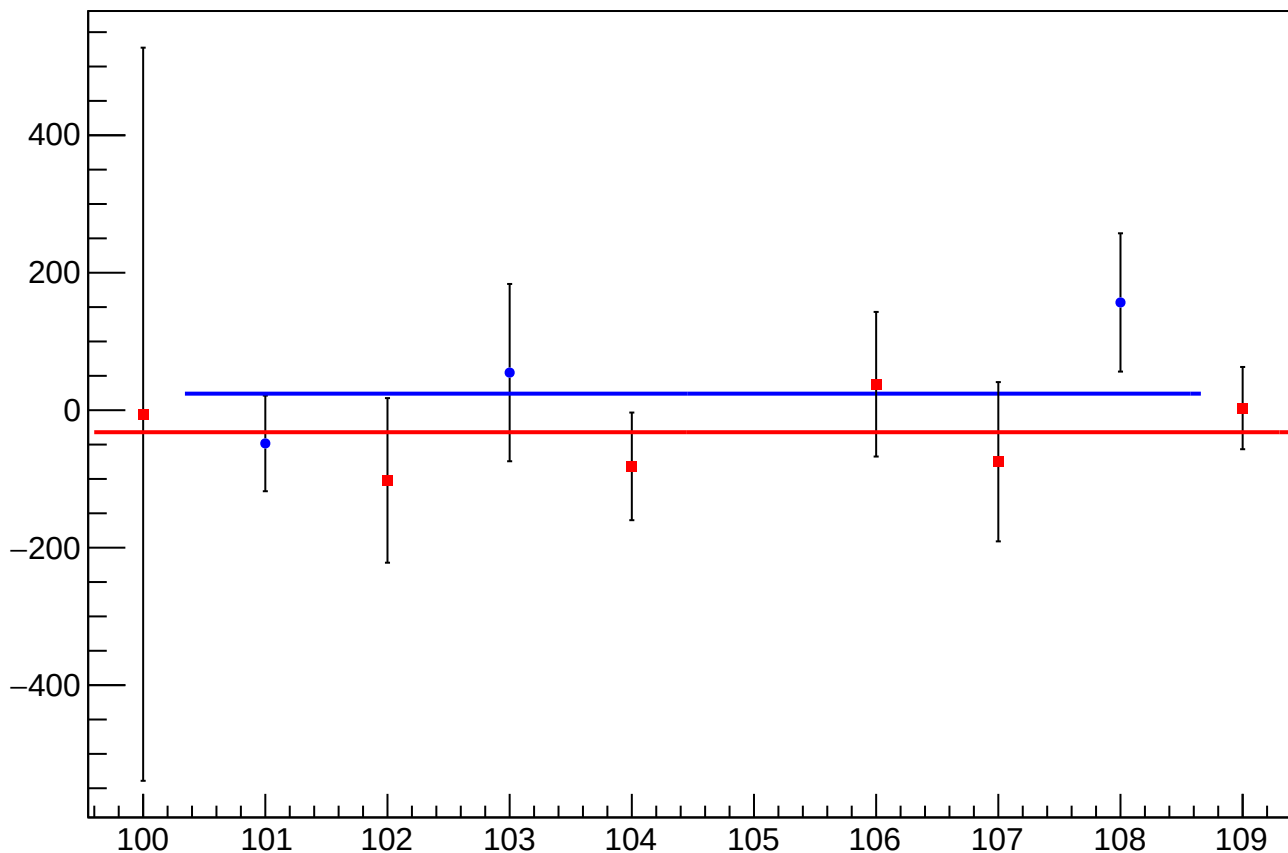
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 485.134+/-0.175 χ^2/NDF : 283494.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 24.077 $\pm$ 52.306 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.016 $\pm$ 38.332 χ^2 /NDF: 1.7/5

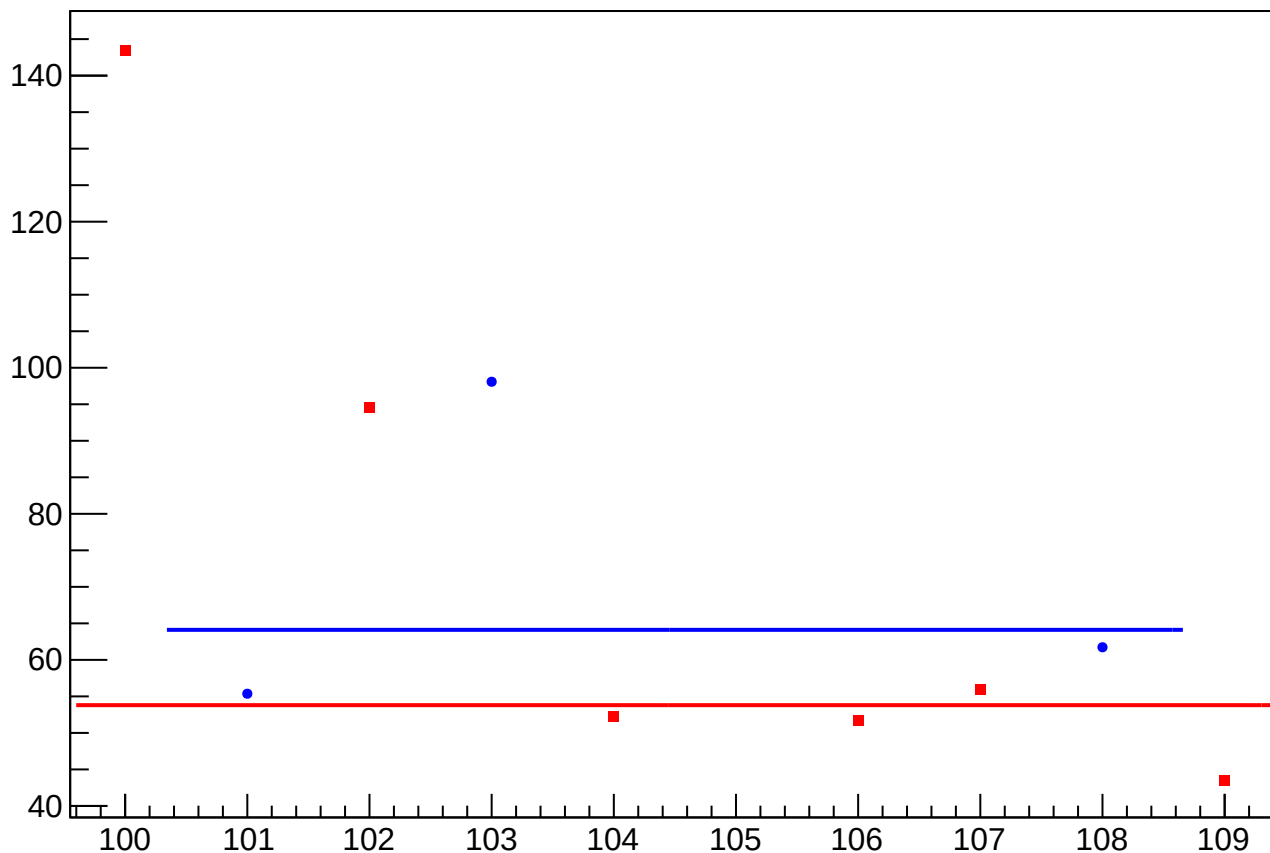
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.416 $\pm$ 30.919 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 64.113+/-0.037 χ^2/NDF : 171499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.800+/-0.027 χ^2/NDF : 350015.2/5

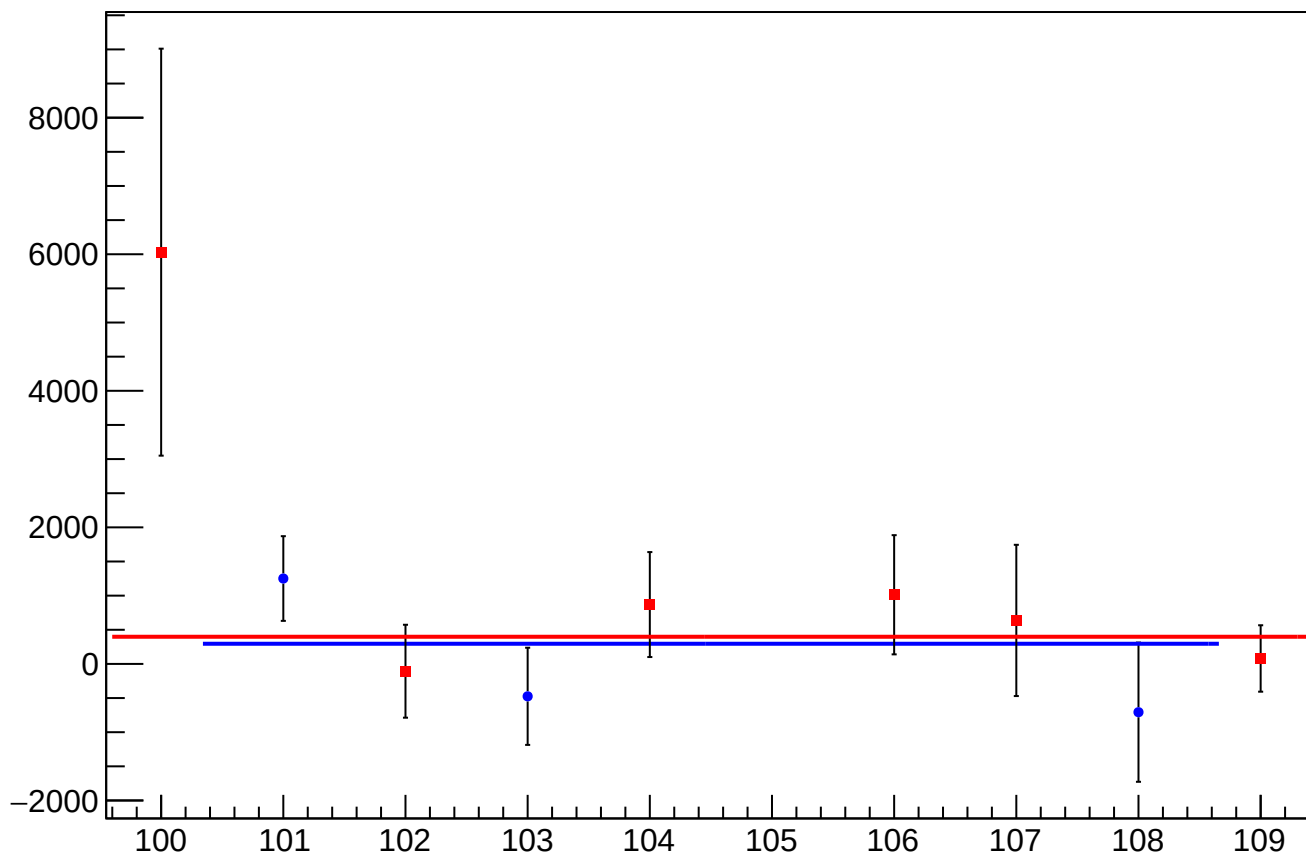
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.404+/-0.022 χ^2/NDF : 572094.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



Right In: 295.283+/-424.984 χ^2/NDF : 4.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 397.829+/-311.317 χ^2/NDF : 5.5/5

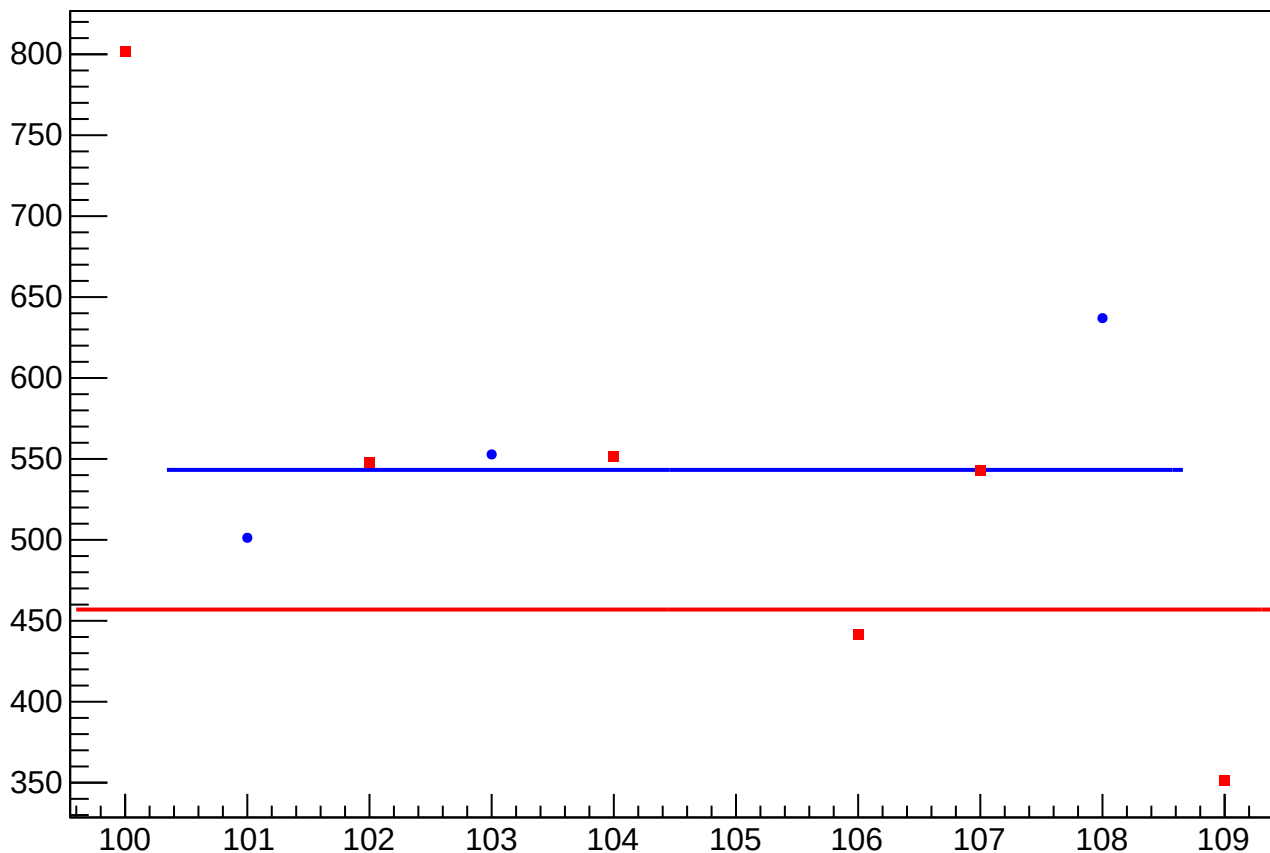
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.018+/-251.143 χ^2/NDF : 10.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 543.238 $\pm$ 0.301 χ^2 /NDF: 26417.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 456.964 $\pm$ 0.220 χ^2 /NDF: 199606.6/5

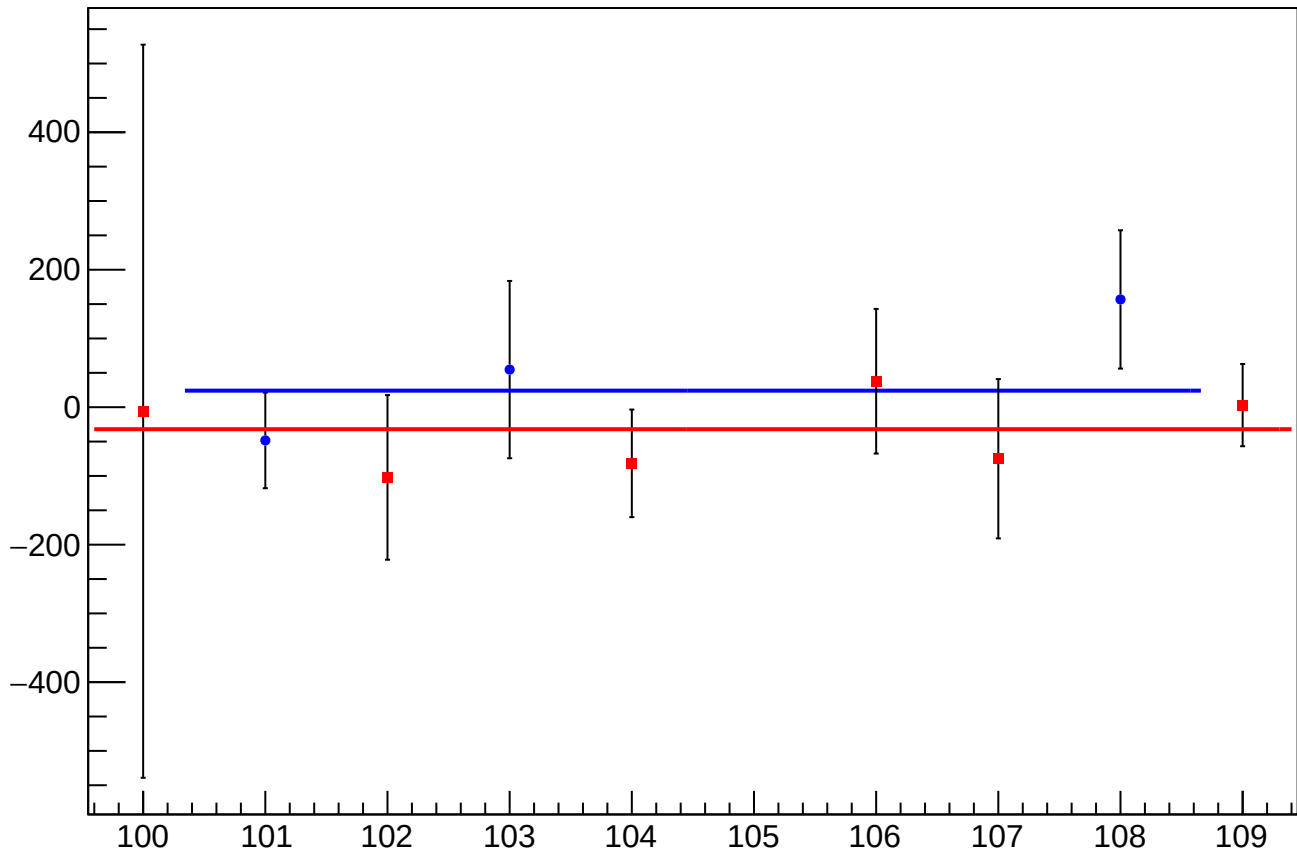
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 487.092 $\pm$ 0.178 χ^2 /NDF: 279662.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug



Right In: 24.077+/-52.306 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.016+/-38.332 χ^2/NDF : 1.7/5

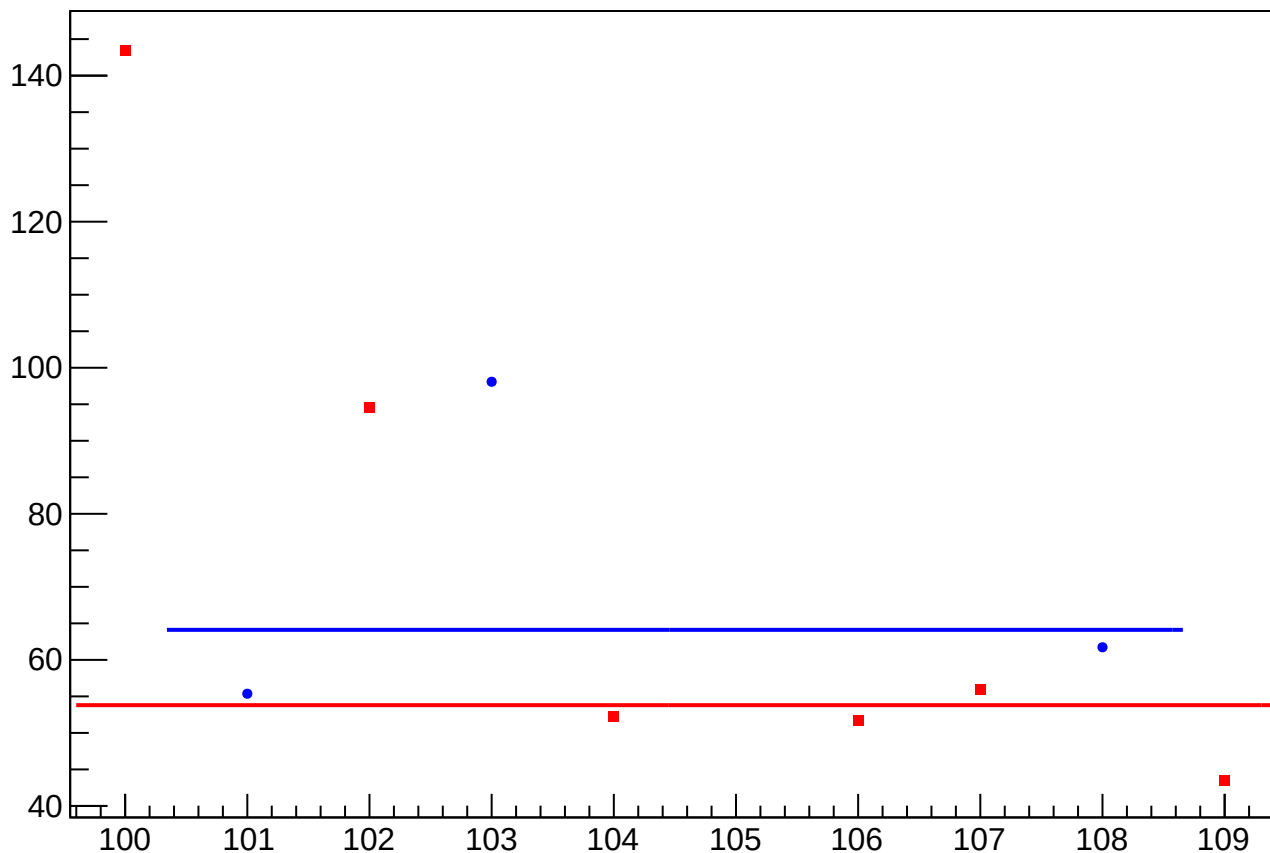
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.416+/-30.919 χ^2/NDF : 5.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 64.113+/-0.037 χ^2/NDF : 171499.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.800+/-0.027 χ^2/NDF : 350015.2/5

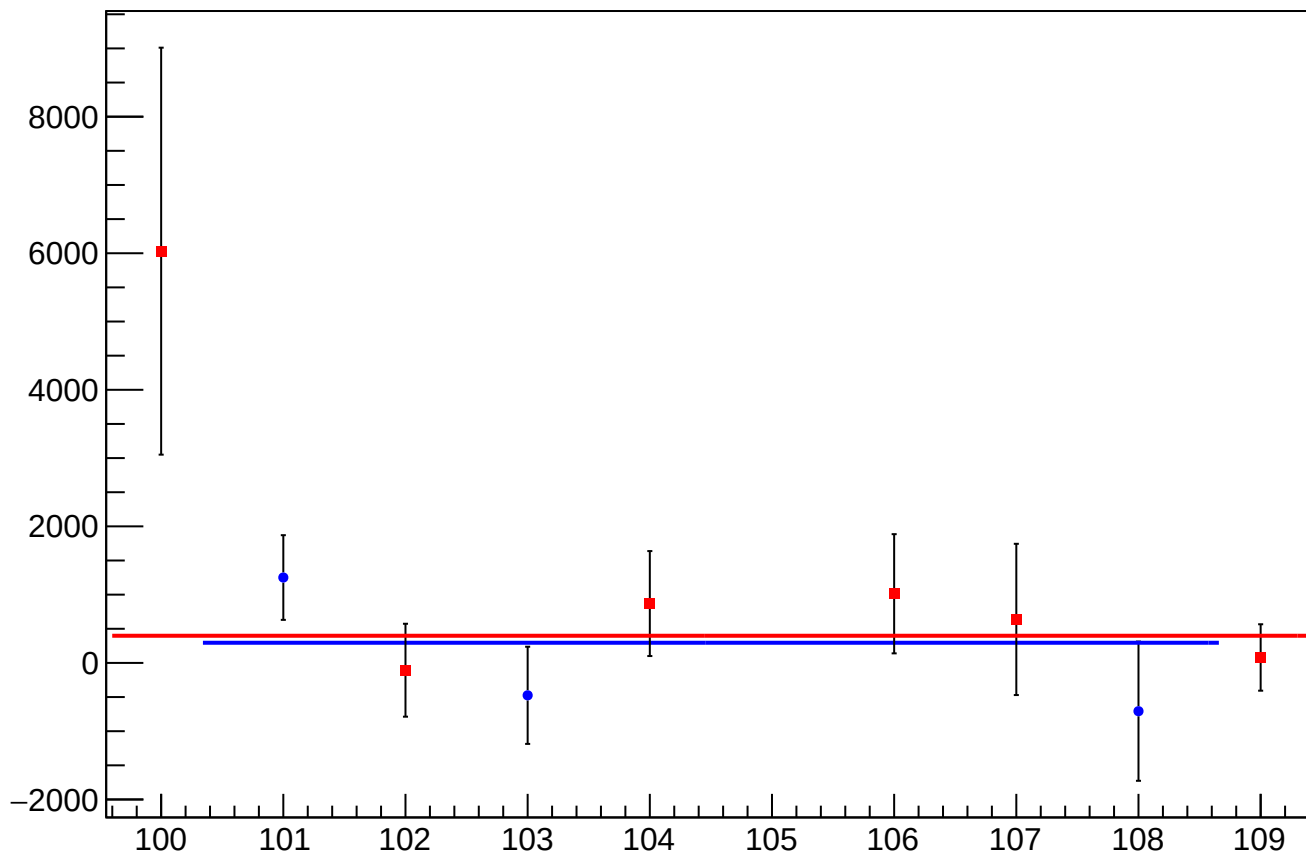
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.404+/-0.022 χ^2/NDF : 572094.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug



Right In: 295.283 $\pm$ 424.984 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 397.829 $\pm$ 311.317 χ^2 /NDF: 5.5/5

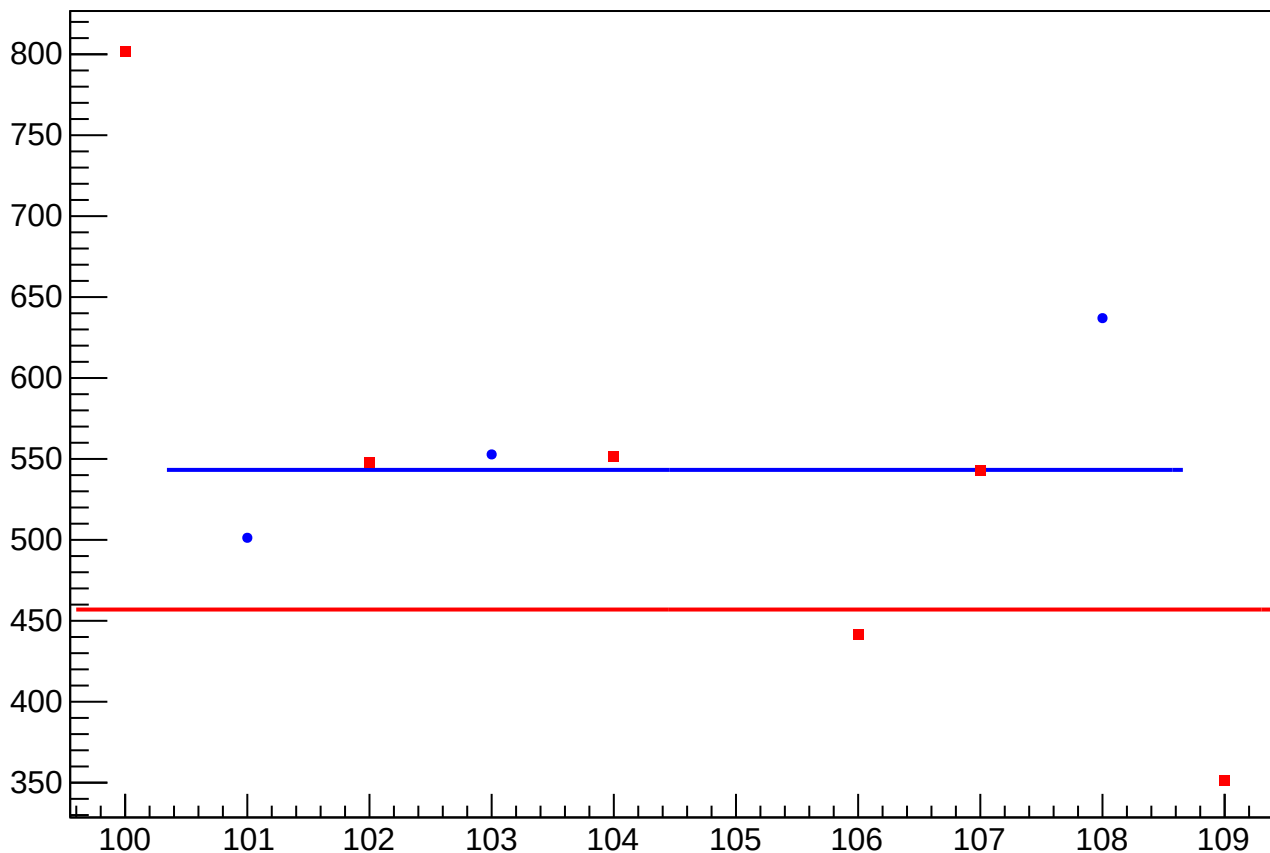
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 362.018 $\pm$ 251.143 χ^2 /NDF: 10.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug



Right In: 543.238 $\pm$ 0.301 χ^2 /NDF: 26417.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 456.964 $\pm$ 0.220 χ^2 /NDF: 199606.6/5

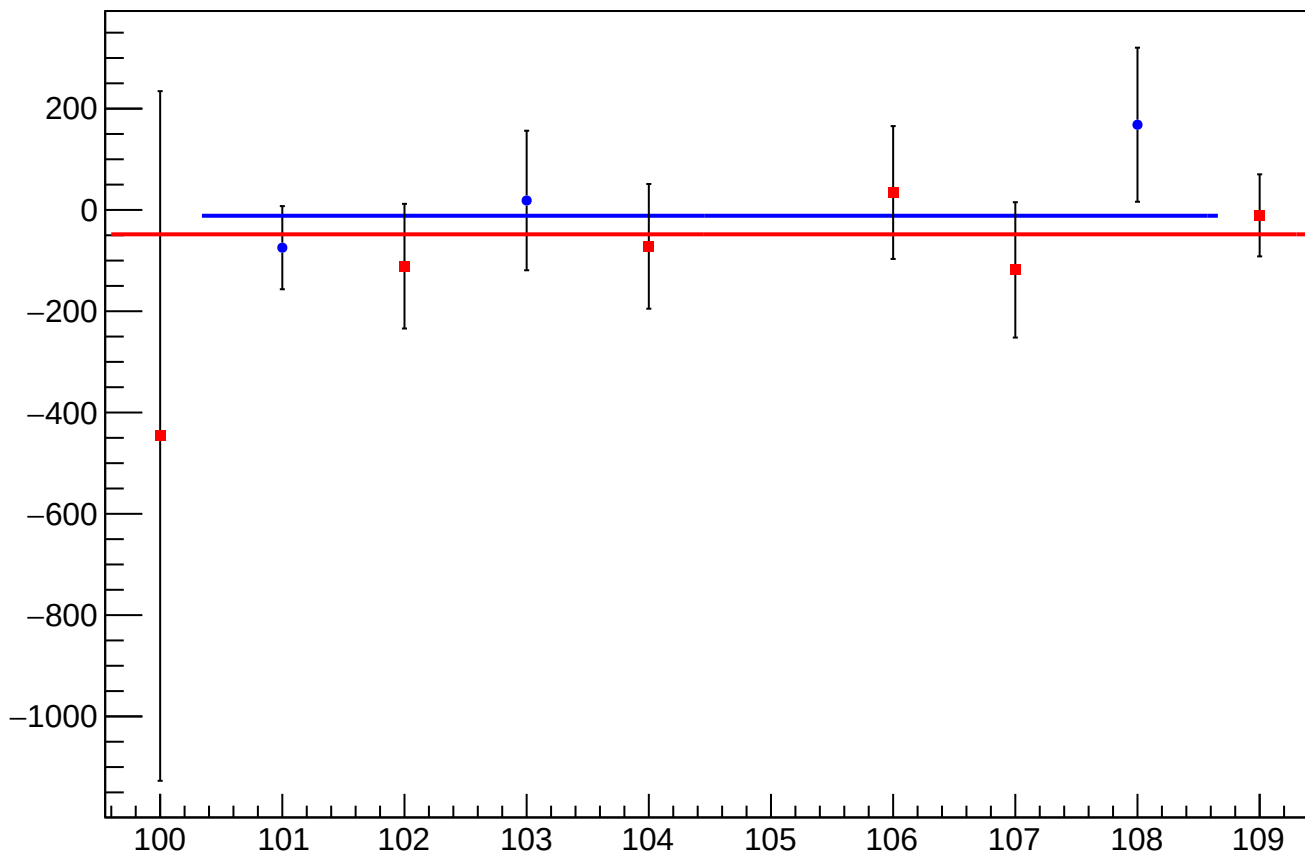
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 487.092 $\pm$ 0.178 χ^2 /NDF: 279662.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: -11.488 ± 63.976 $\chi^2/\text{NDF}: 2.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -48.159 ± 49.960 $\chi^2/\text{NDF}: 1.5/5$

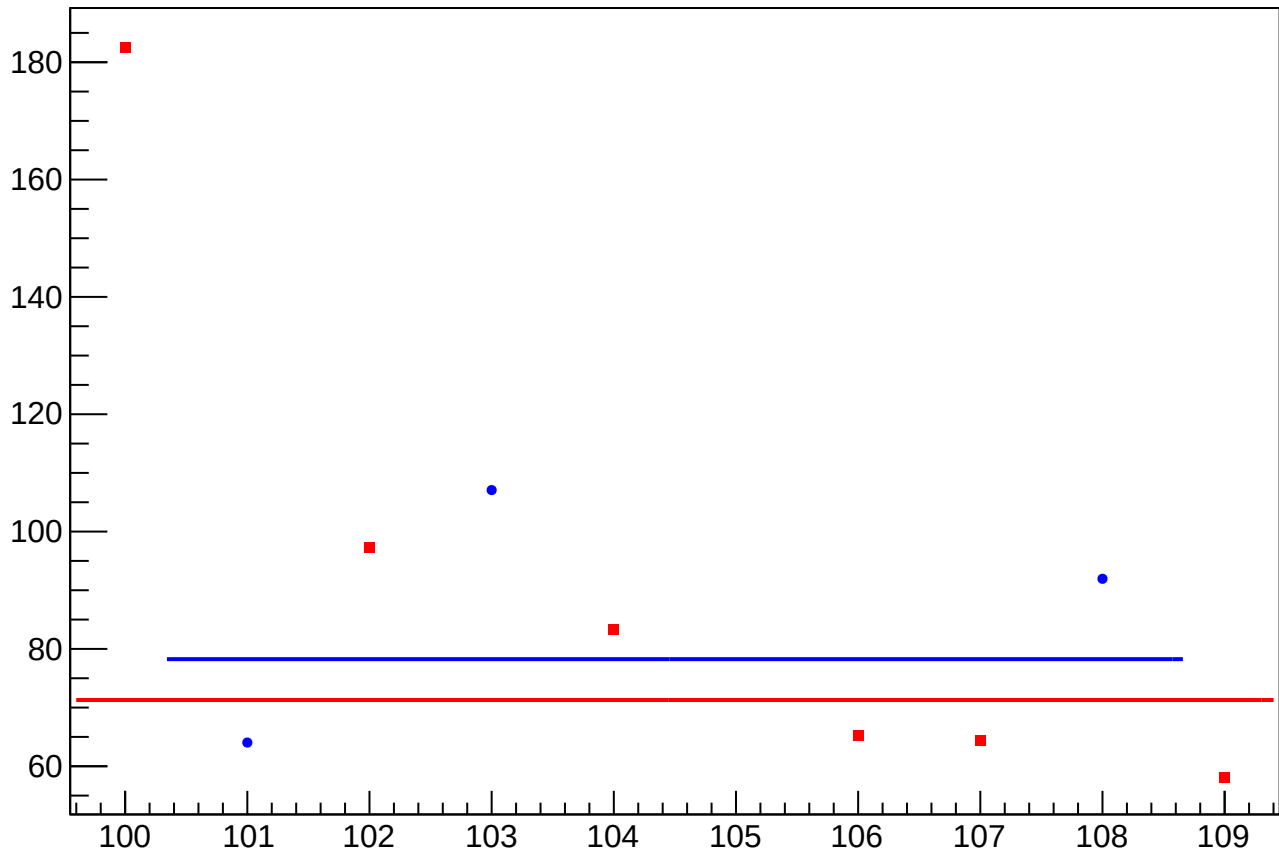
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.268 ± 39.376 $\chi^2/\text{NDF}: 3.8/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 78.255 $\pm$ 0.045 χ^2 /NDF: 163714.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.292 $\pm$ 0.035 χ^2 /NDF: 224718.1/5

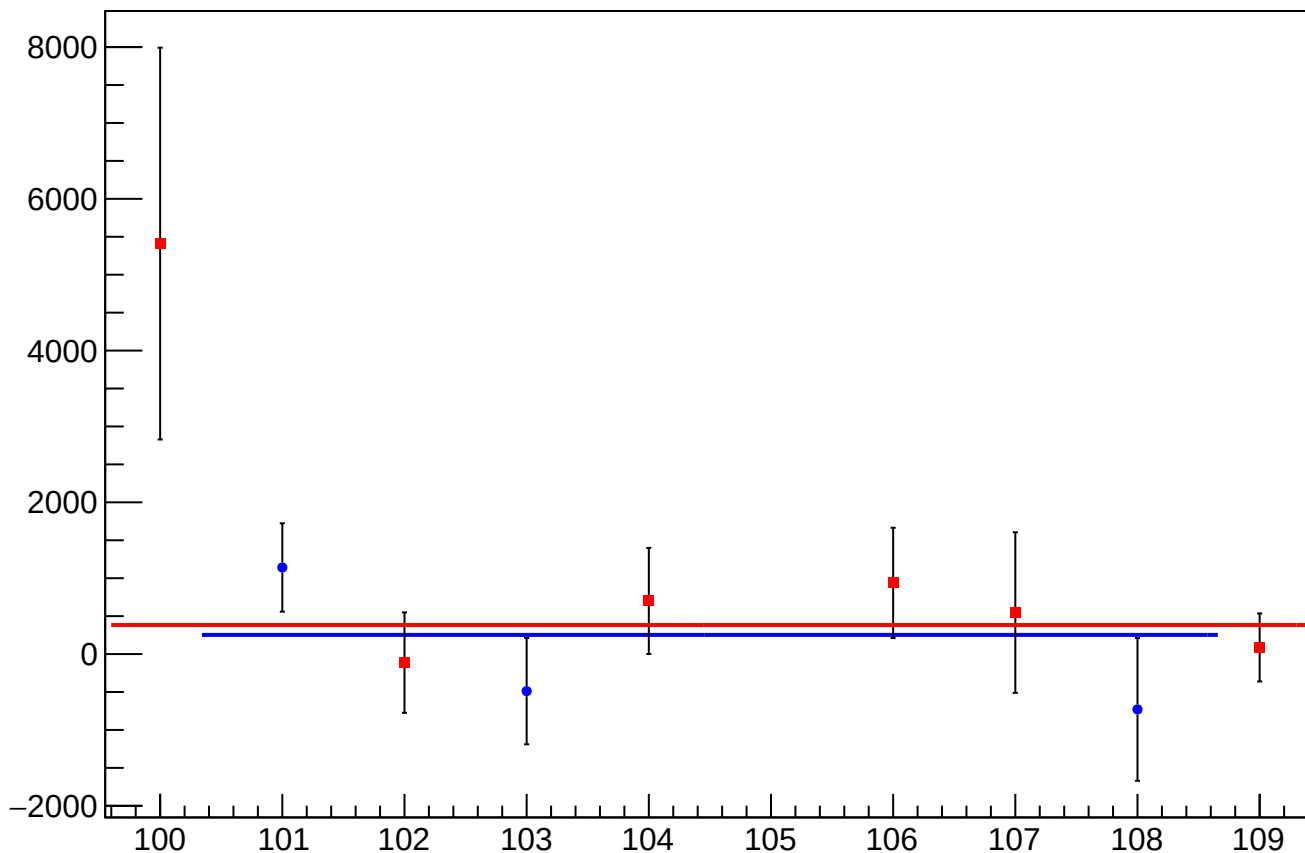
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.930 $\pm$ 0.028 χ^2 /NDF: 403149.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: 252.818 $\pm$ 404.366 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 382.901 $\pm$ 285.768 χ^2 /NDF: 5.6/5

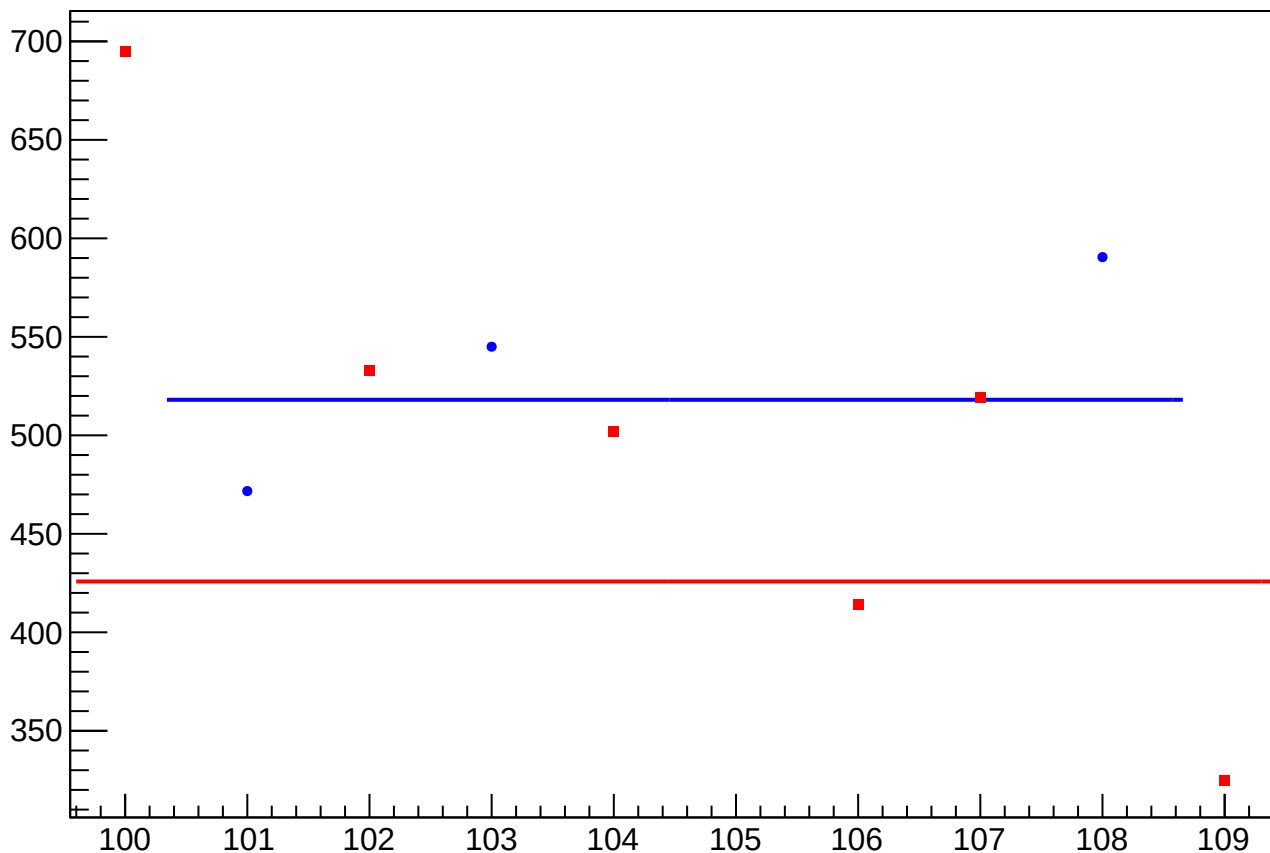
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 339.573 $\pm$ 233.373 χ^2 /NDF: 10.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 518.057+/-0.286 χ^2/NDF : 27477.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.799+/-0.202 χ^2/NDF : 215108.6/5

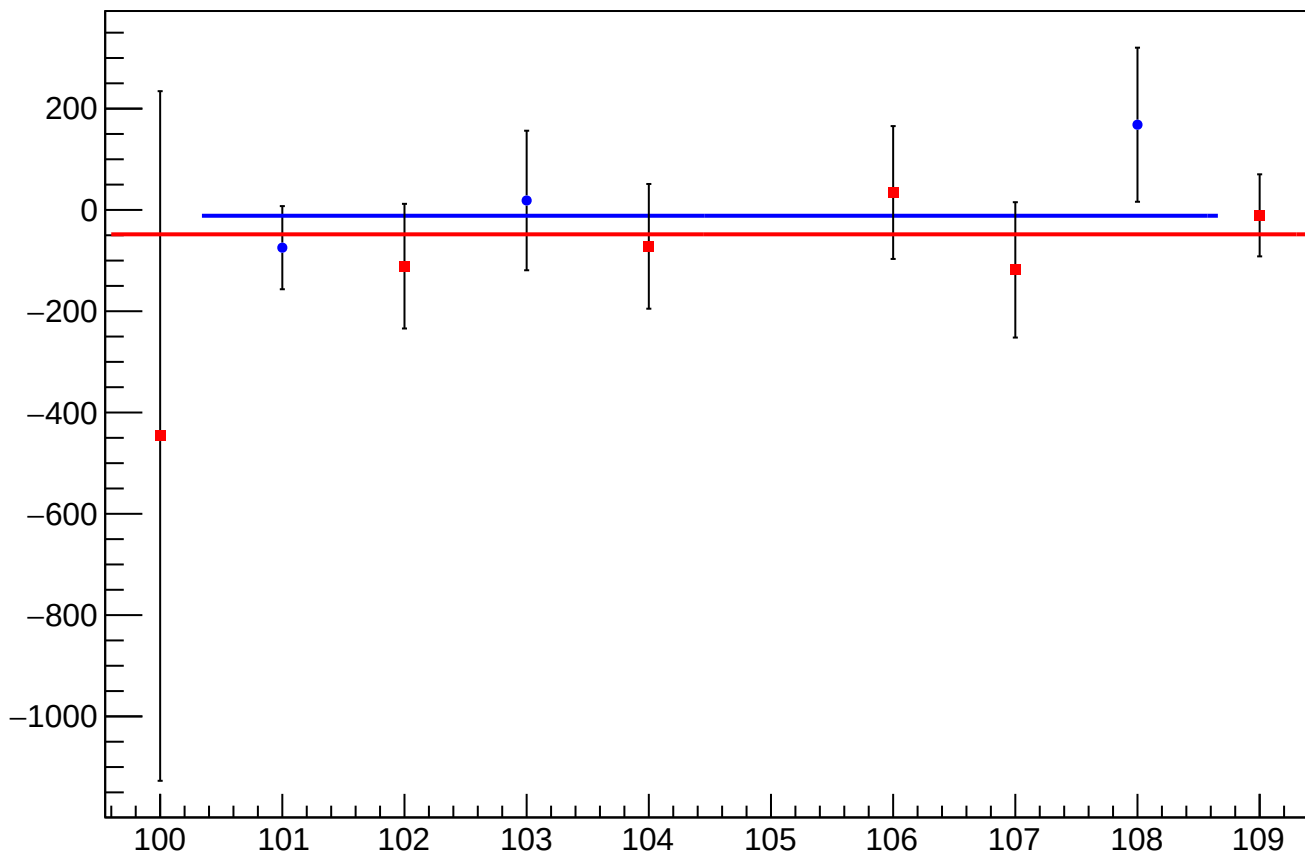
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.528+/-0.165 χ^2/NDF : 312018.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: -11.491 $\pm$ 63.976 χ^2 /NDF: 2.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -48.160 $\pm$ 49.960 χ^2 /NDF: 1.5/5

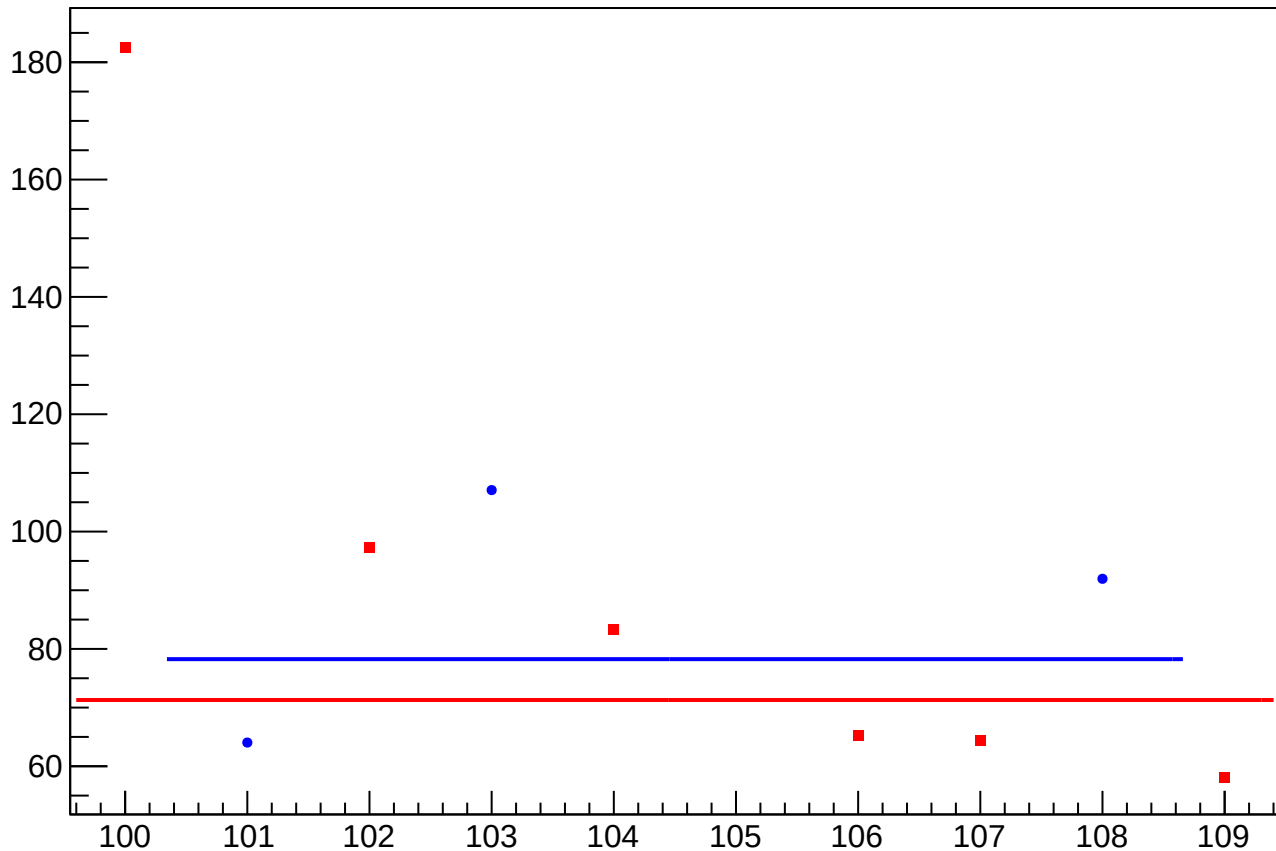
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.269 $\pm$ 39.376 χ^2 /NDF: 3.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 78.256 $\pm$ 0.045 χ^2 /NDF: 163708.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.292 $\pm$ 0.035 χ^2 /NDF: 224719.4/5

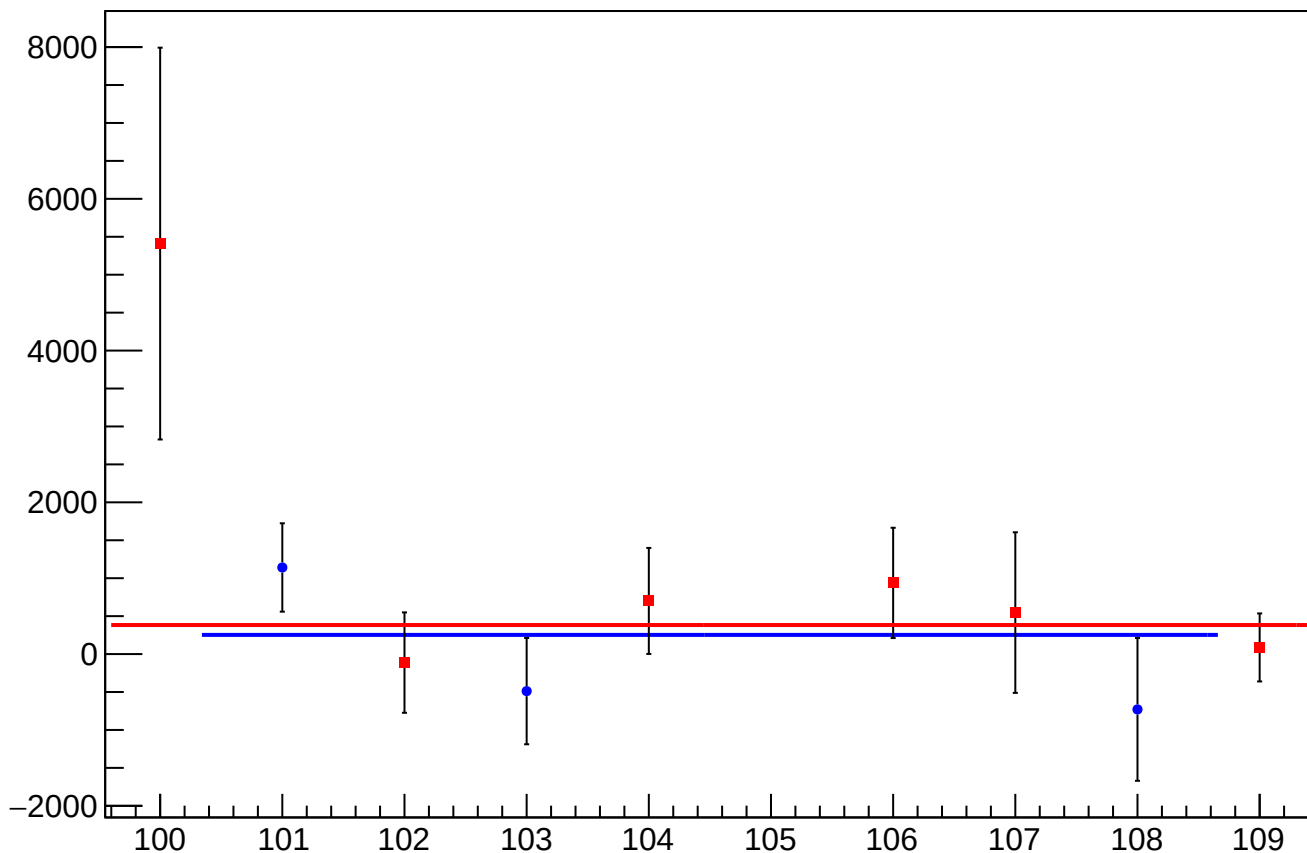
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 73.930 $\pm$ 0.028 χ^2 /NDF: 403146.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug



Right In: 252.818 $\pm$ 404.365 χ^2 /NDF: 4.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 382.900 $\pm$ 285.768 χ^2 /NDF: 5.6/5

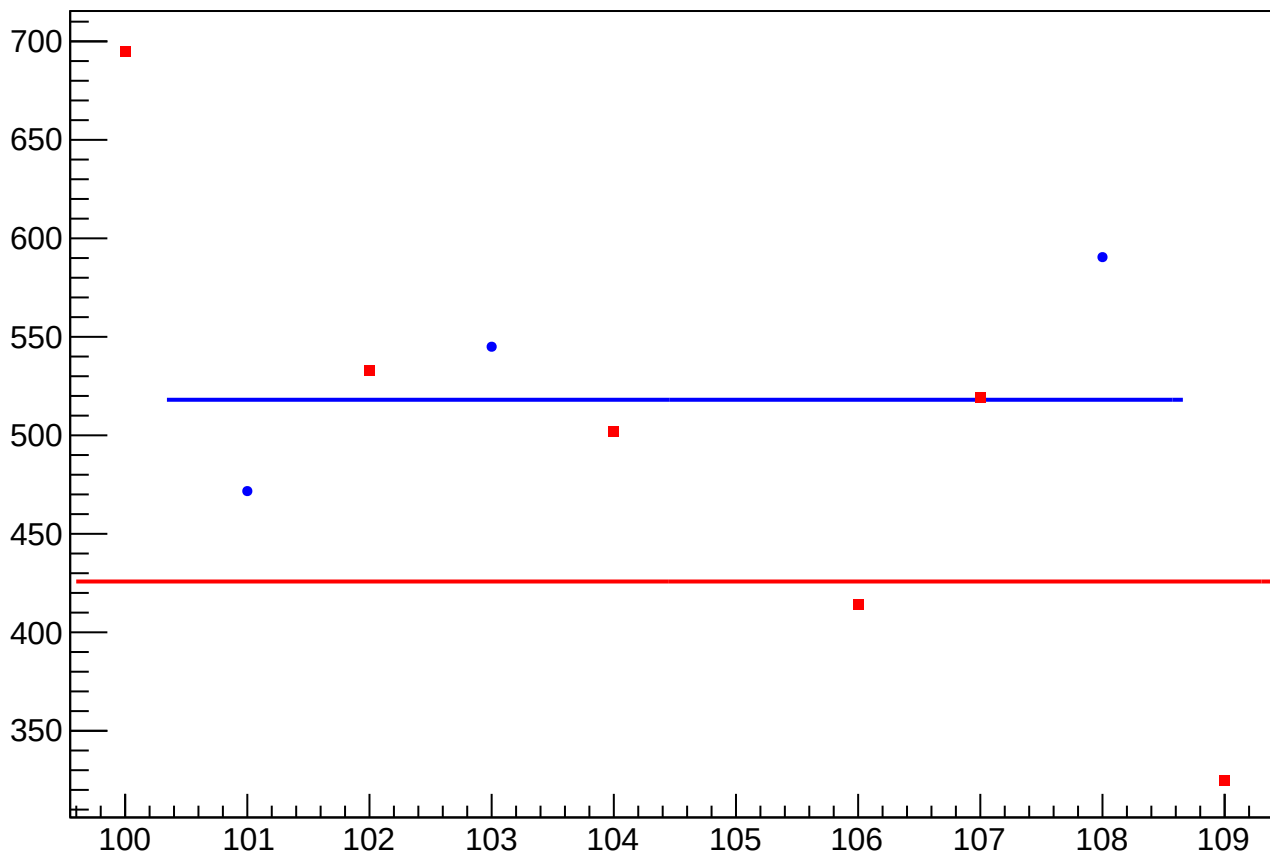
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 339.572 $\pm$ 233.372 χ^2 /NDF: 10.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 518.055 $\pm$ 0.286 χ^2 /NDF: 27478.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 425.798 $\pm$ 0.202 χ^2 /NDF: 215106.2/5

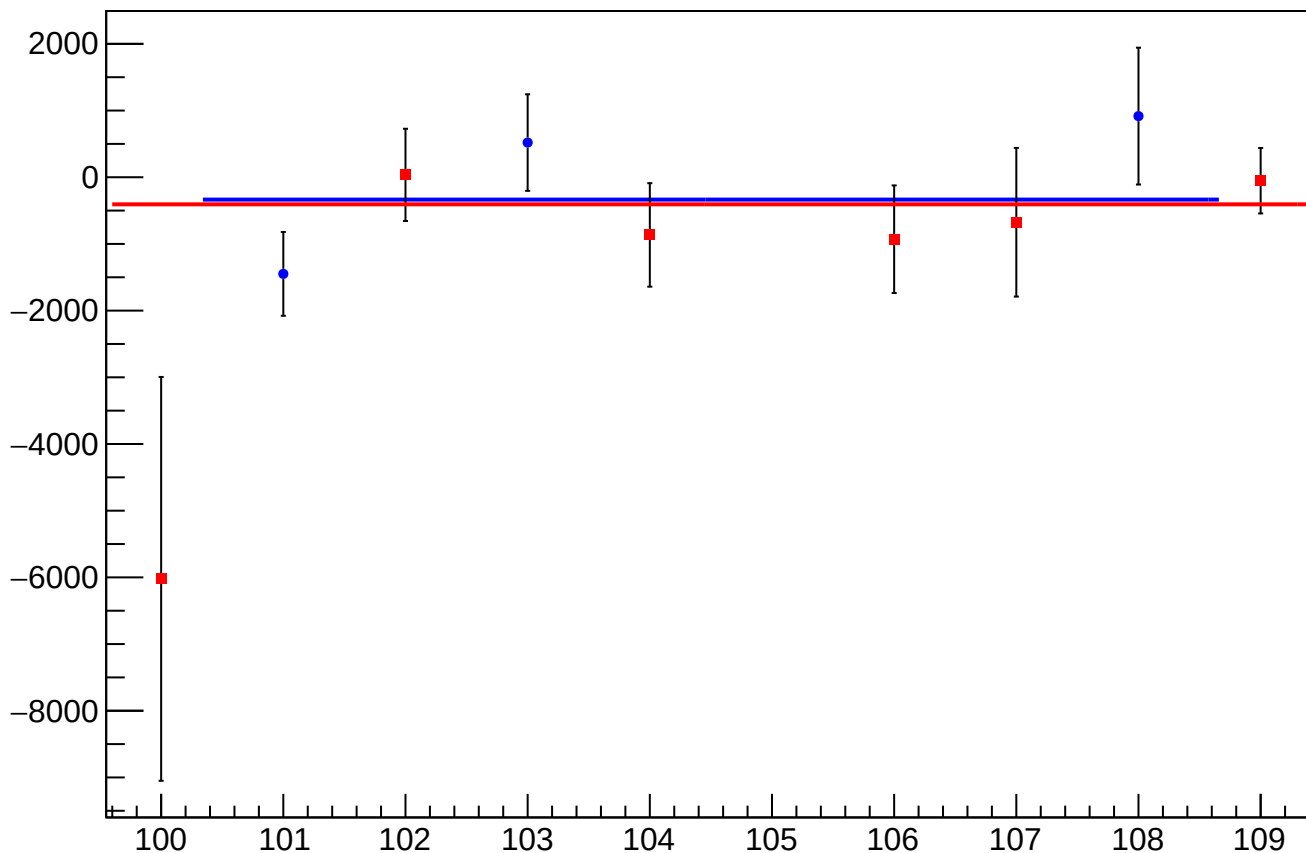
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 456.527 $\pm$ 0.165 χ^2 /NDF: 312014.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: -335.223+/-430.700 χ^2 /NDF: 6.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -406.247+/-310.787 χ^2 /NDF: 5.2/5

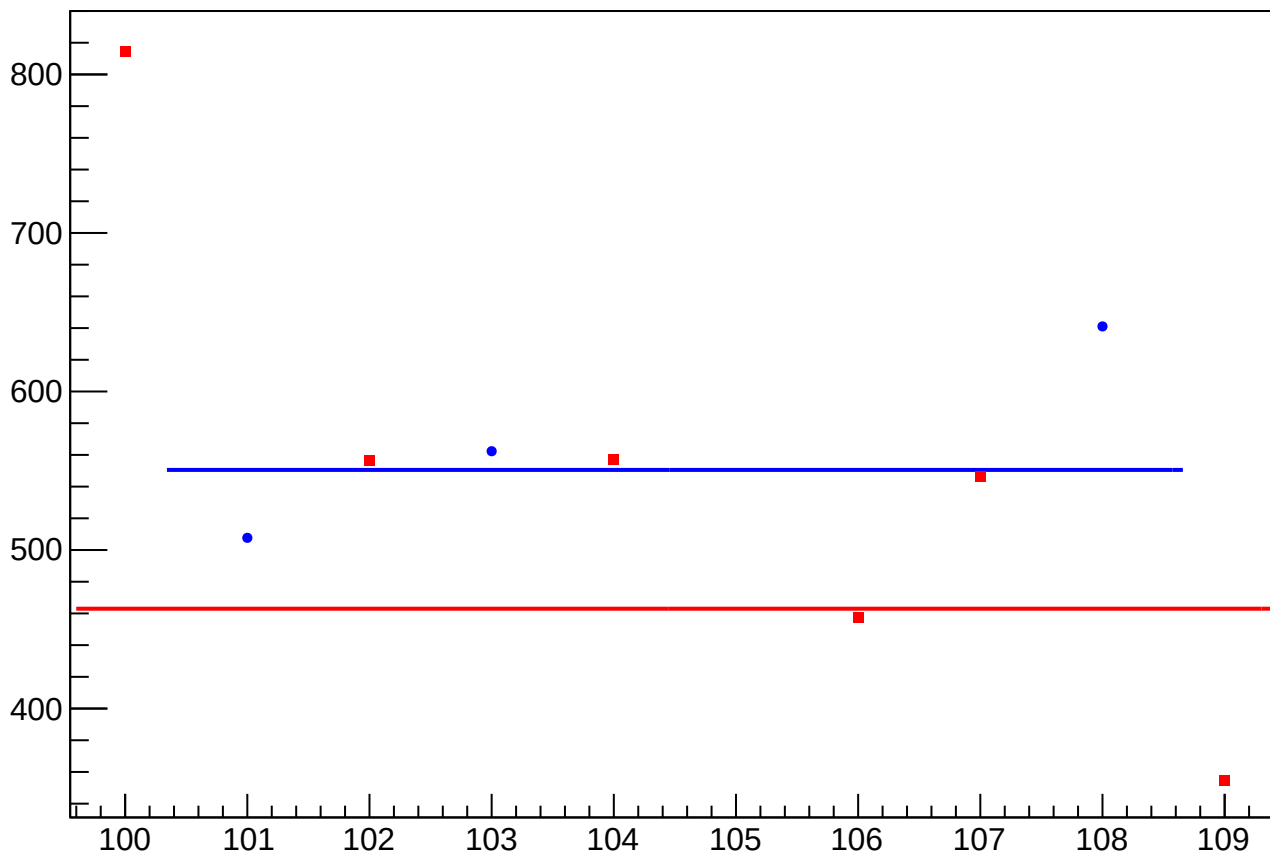
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -381.928+/-252.024 χ^2 /NDF: 11.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_rms vs Slug



Right In: 550.527 $\pm$ 0.305 χ^2 /NDF: 25394.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 462.982 $\pm$ 0.220 χ^2 /NDF: 201544.9/5

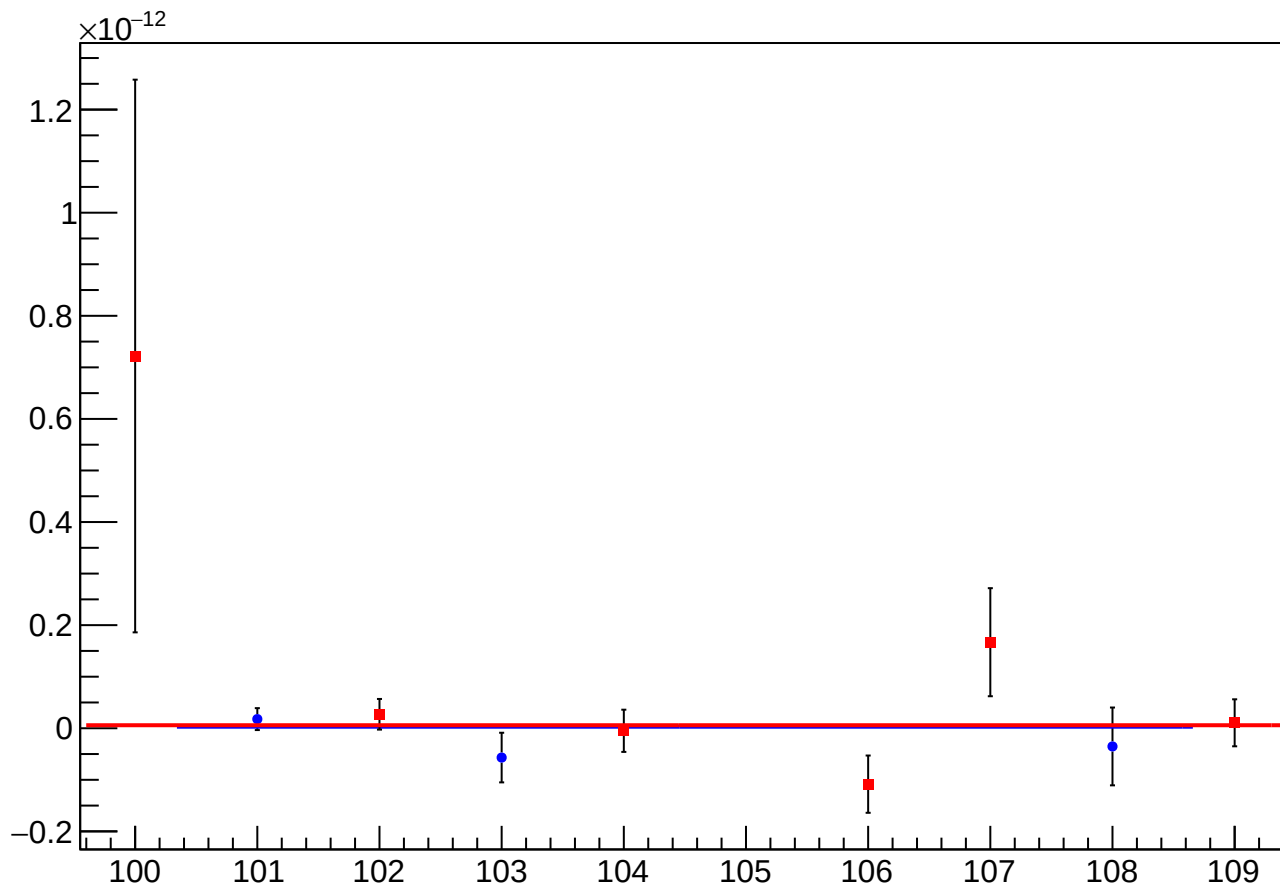
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 492.958 $\pm$ 0.178 χ^2 /NDF: 281276.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/5

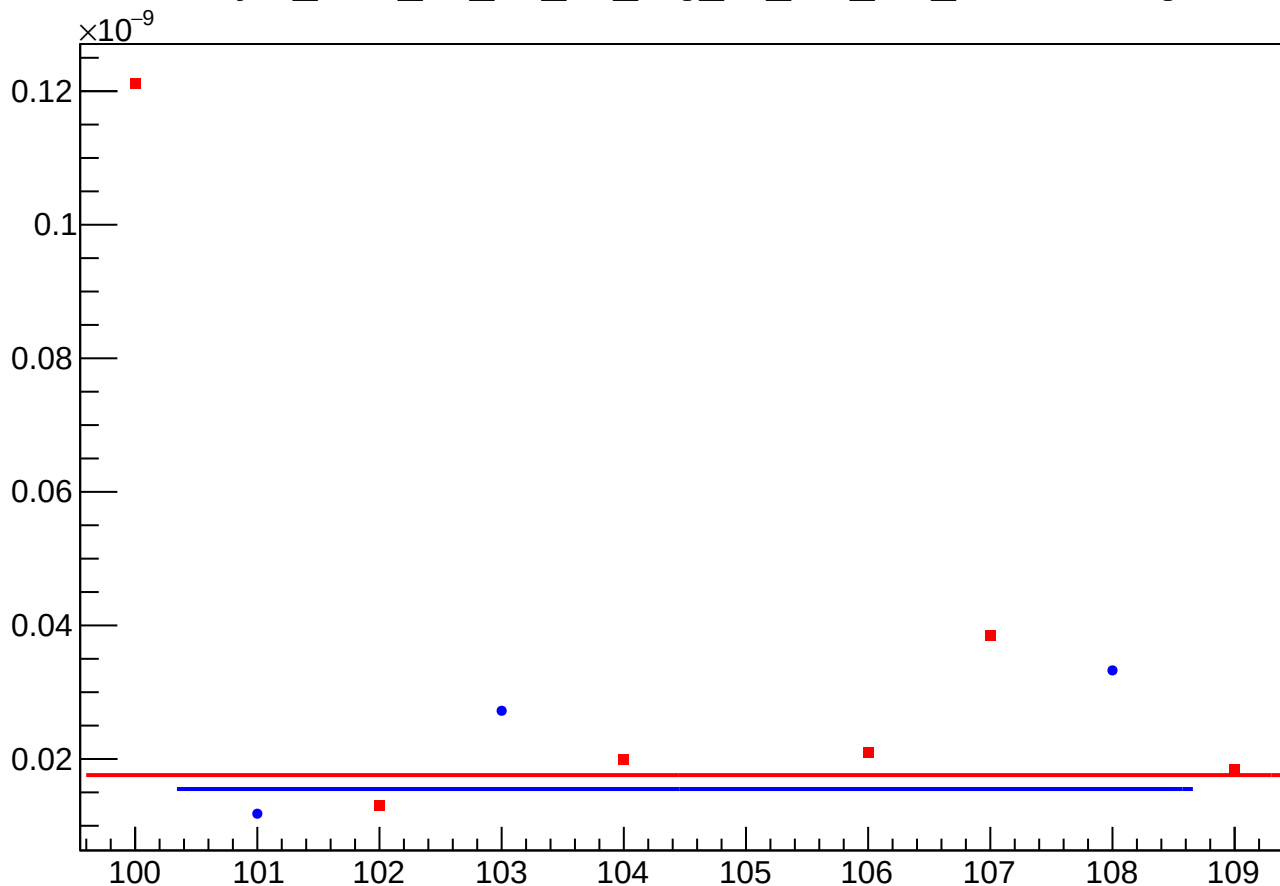
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 289759.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 213820.7/5

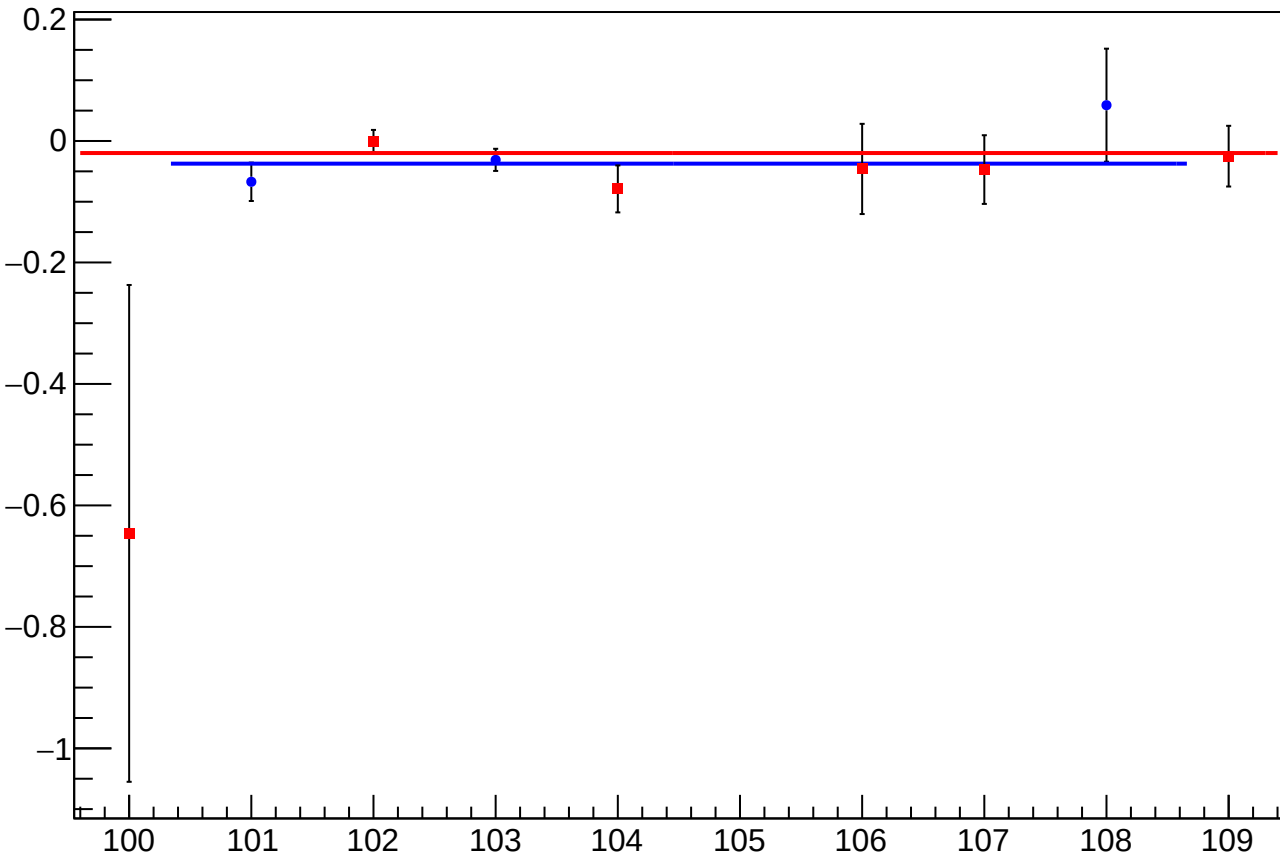
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 515435.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.037 ± 0.016 χ^2/NDF : 2.1/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.020 ± 0.015 χ^2/NDF : 6.2/5

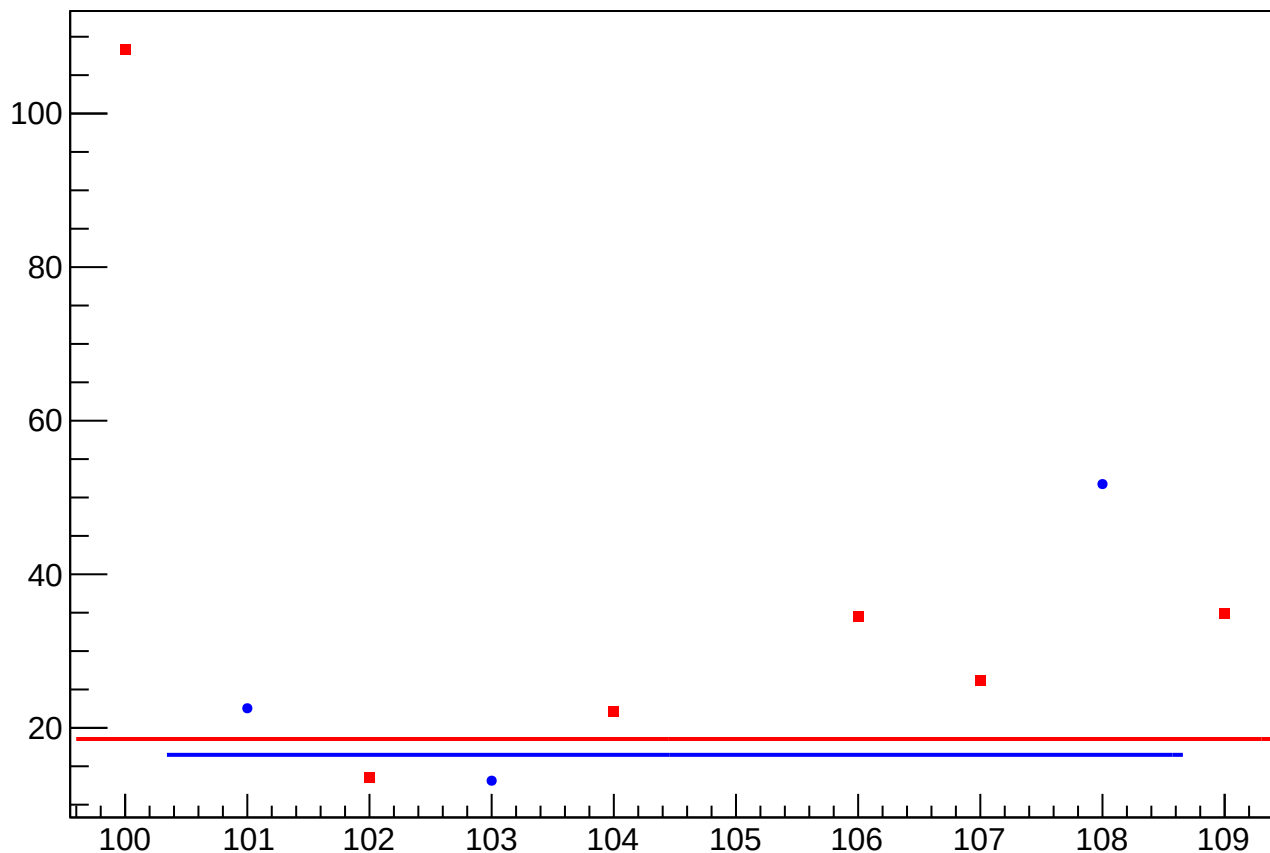
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.011 χ^2/NDF : 8.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 16.490 $\pm$ 0.011 χ^2 /NDF: 429170.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.553 $\pm$ 0.010 χ^2 /NDF: 600376.6/5

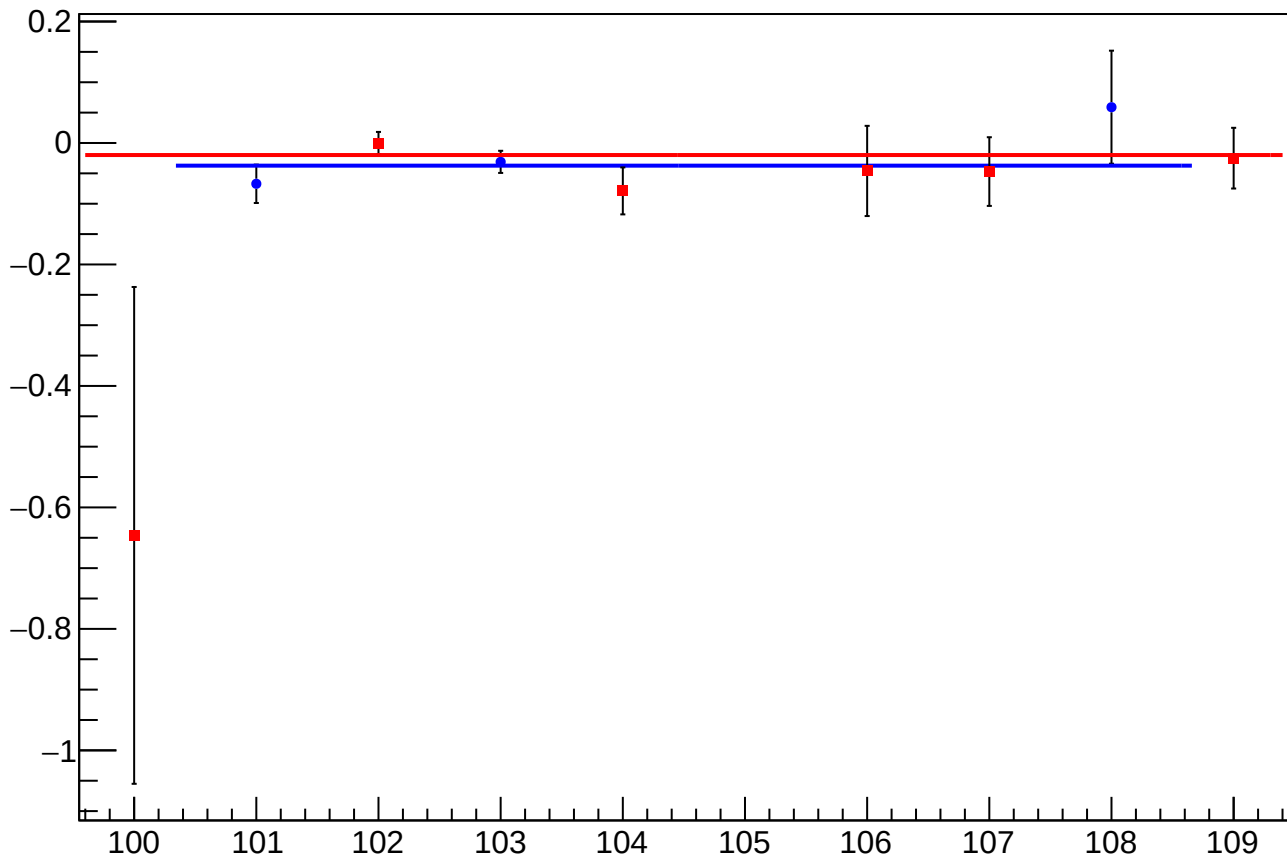
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.570 $\pm$ 0.008 χ^2 /NDF: 1047947.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.037 ± 0.016 χ^2/NDF : 2.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.020 ± 0.015 χ^2/NDF : 6.2/5

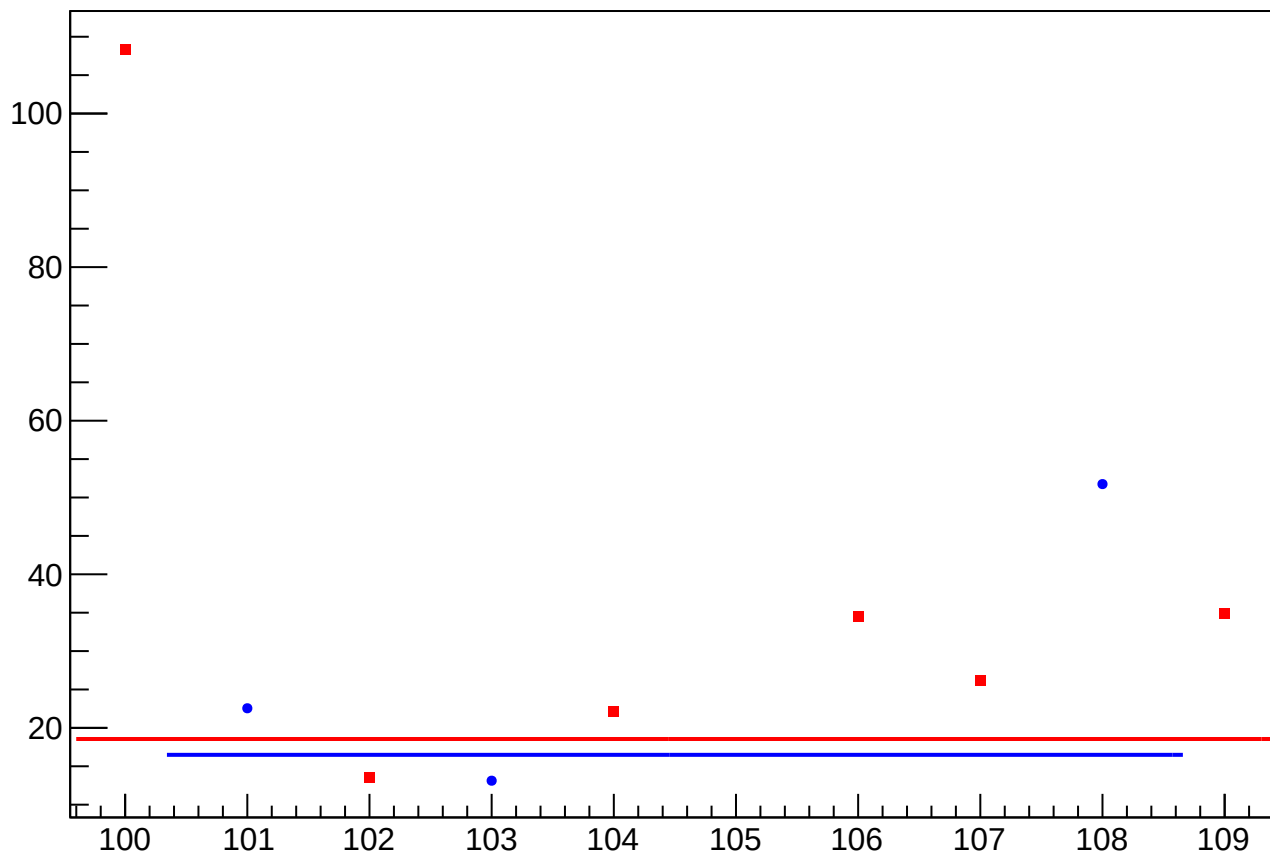
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.011 χ^2/NDF : 8.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 16.490 $\pm$ 0.011 χ^2 /NDF: 429170.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.553 $\pm$ 0.010 χ^2 /NDF: 600376.6/5

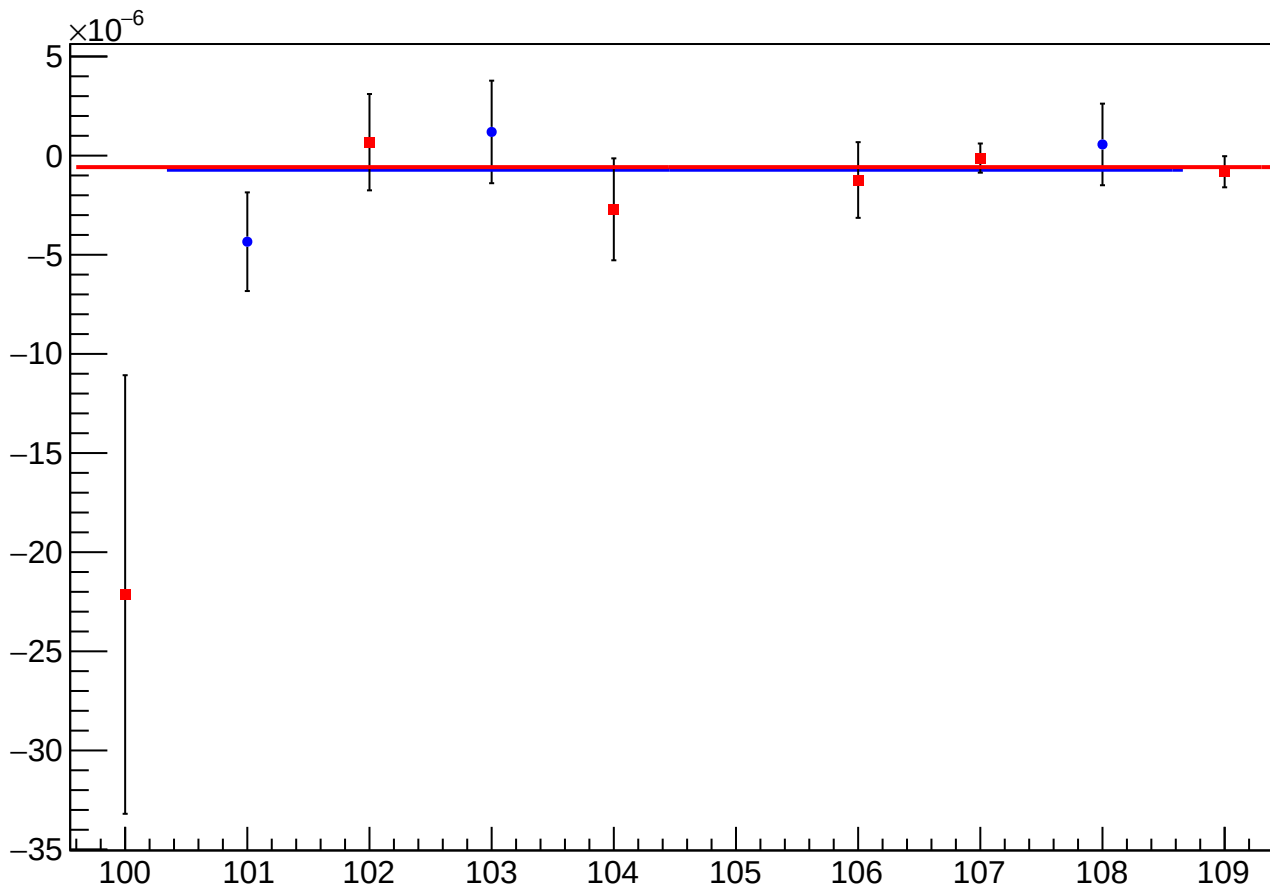
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.570 $\pm$ 0.008 χ^2 /NDF: 1047947.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 3.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.3/5

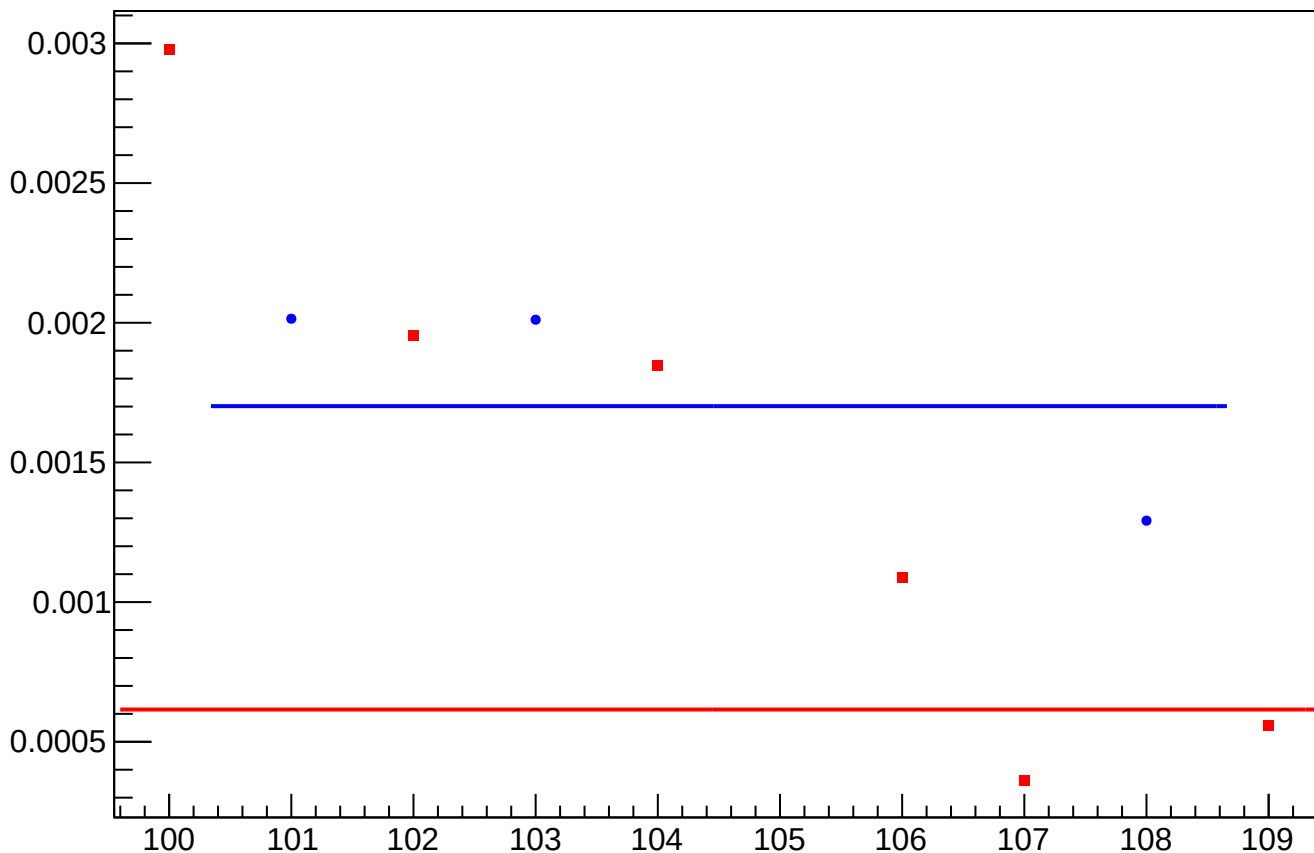
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 8.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 139673.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 1532041.0/5

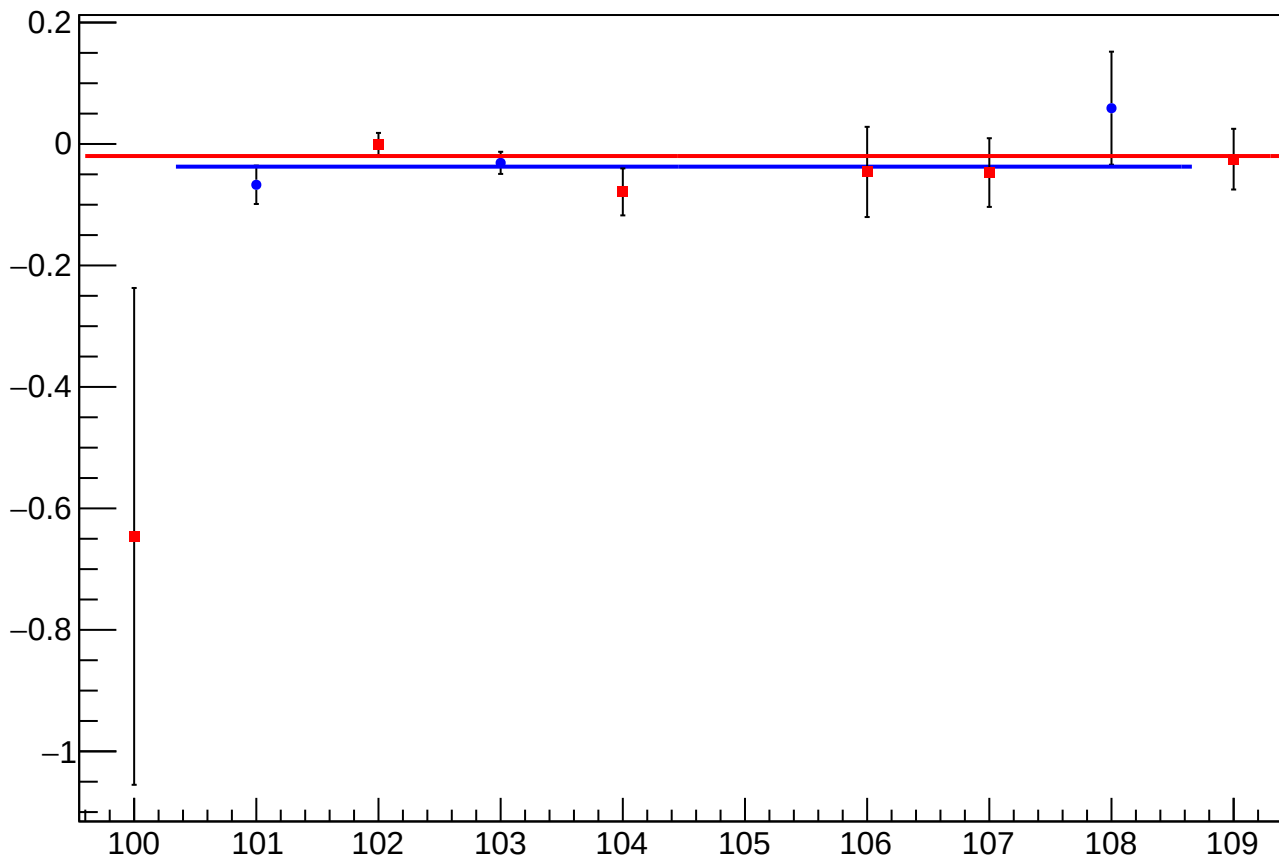
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 2810061.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.037 $\pm$ 0.016 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.020 $\pm$ 0.015 χ^2 /NDF: 6.2/5

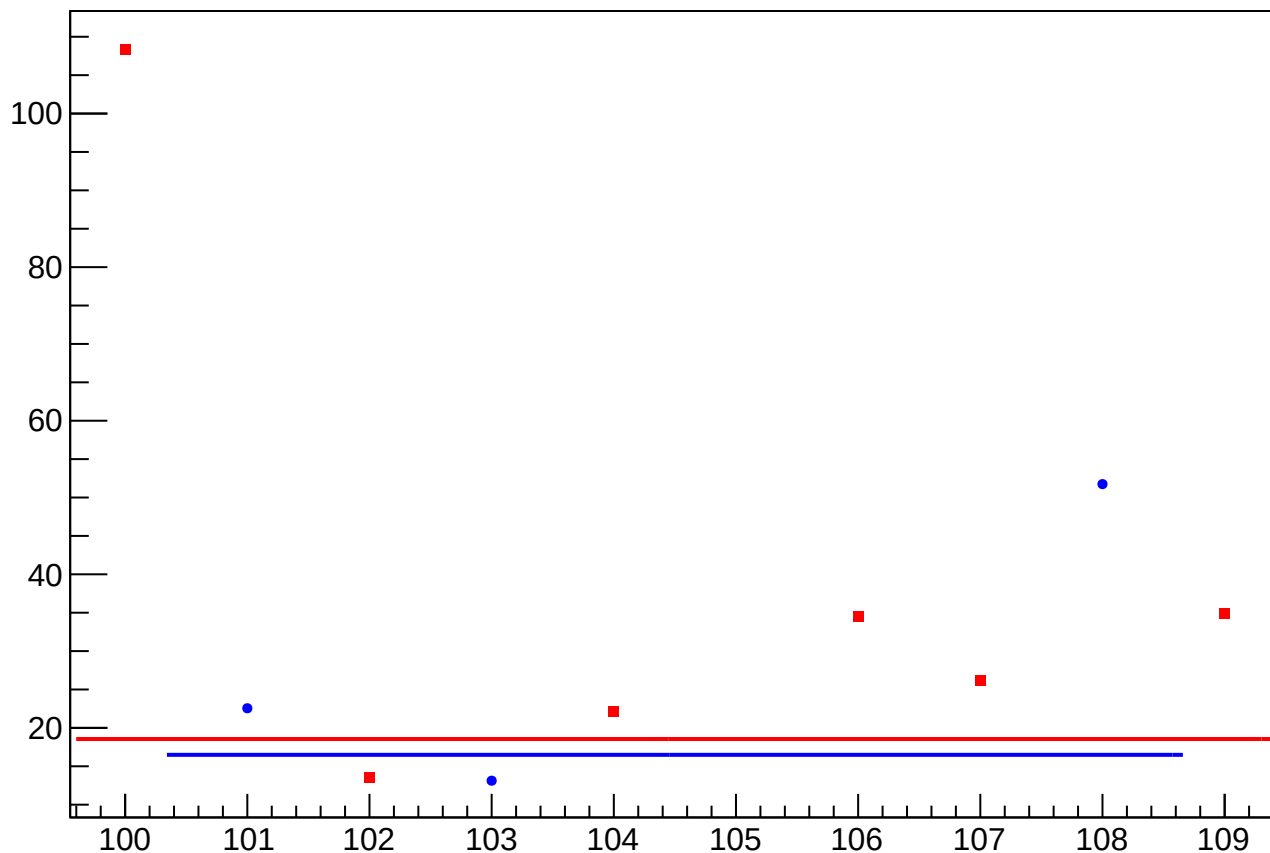
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.011 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 16.491+/-0.011 χ^2/NDF : 429162.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.554+/-0.010 χ^2/NDF : 600288.5/5

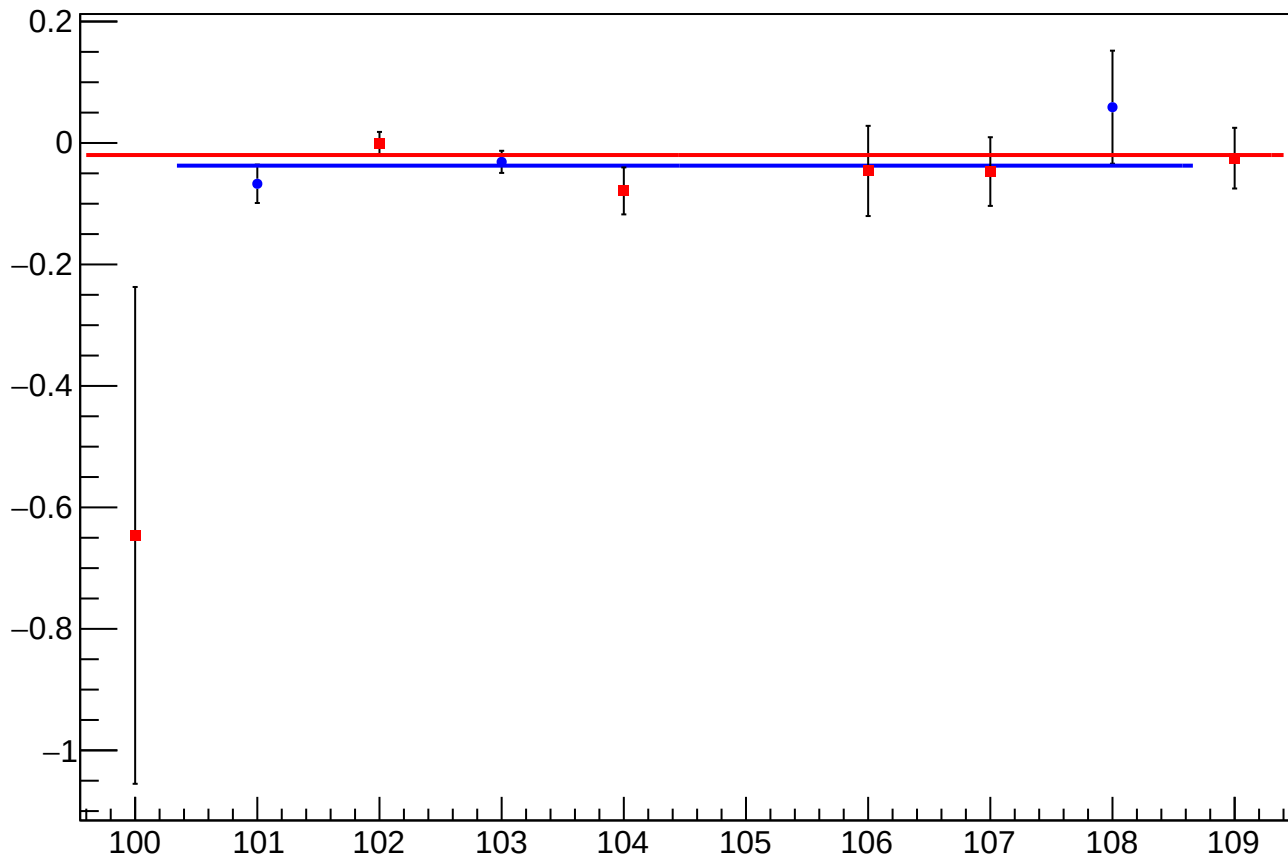
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.572+/-0.008 χ^2/NDF : 1047859.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.037 $\pm$ 0.016 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.020 $\pm$ 0.015 χ^2 /NDF: 6.2/5

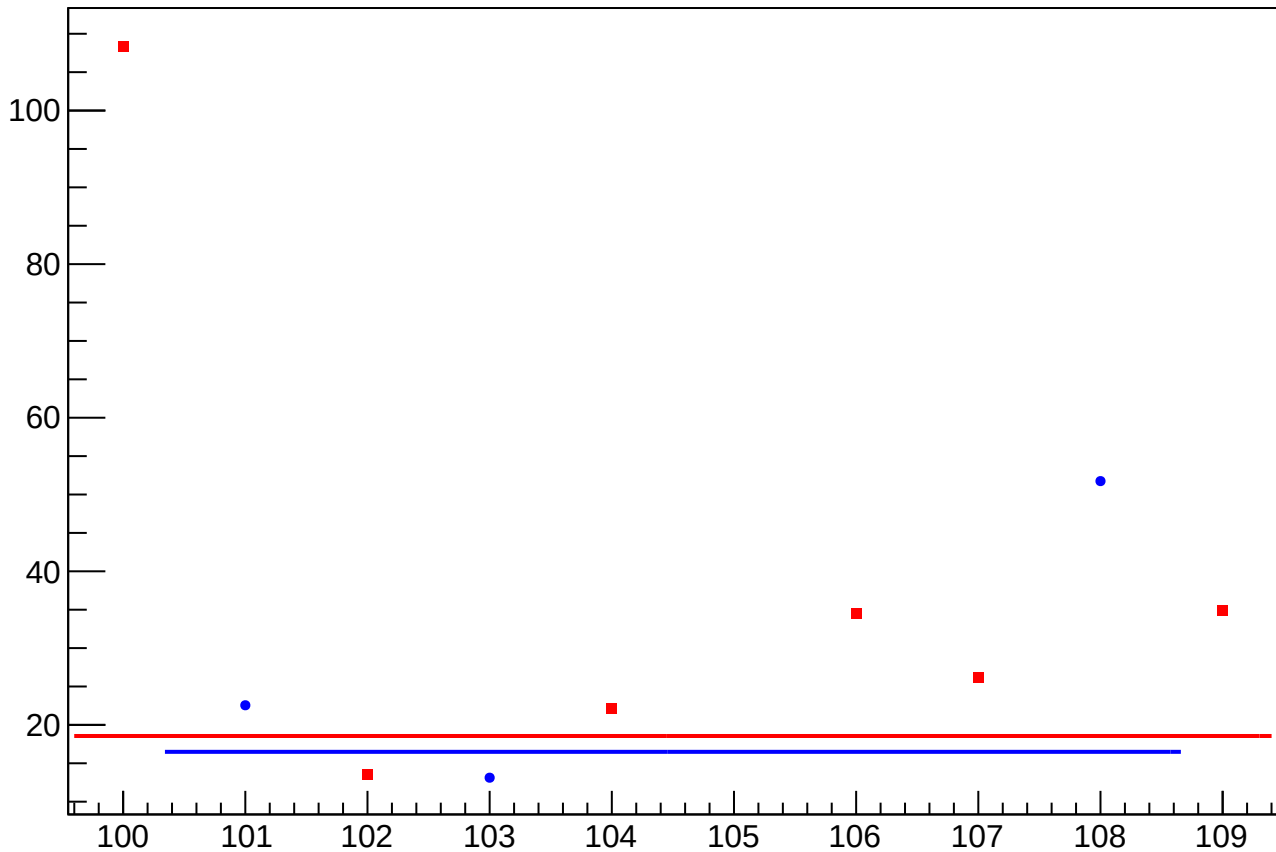
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.028 $\pm$ 0.011 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 16.491+/-0.011 χ^2/NDF : 429162.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.554+/-0.010 χ^2/NDF : 600288.5/5

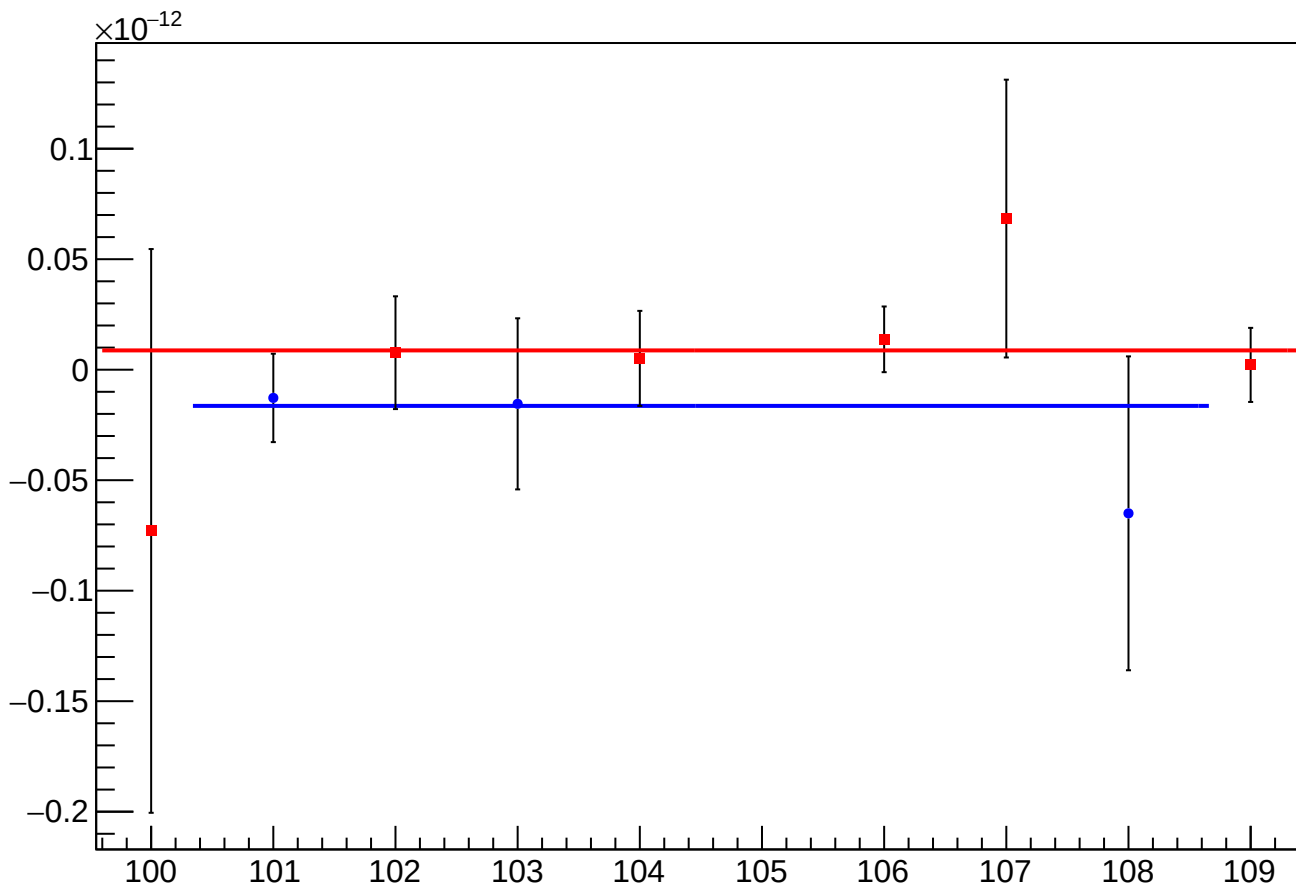
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.572+/-0.008 χ^2/NDF : 1047859.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/5

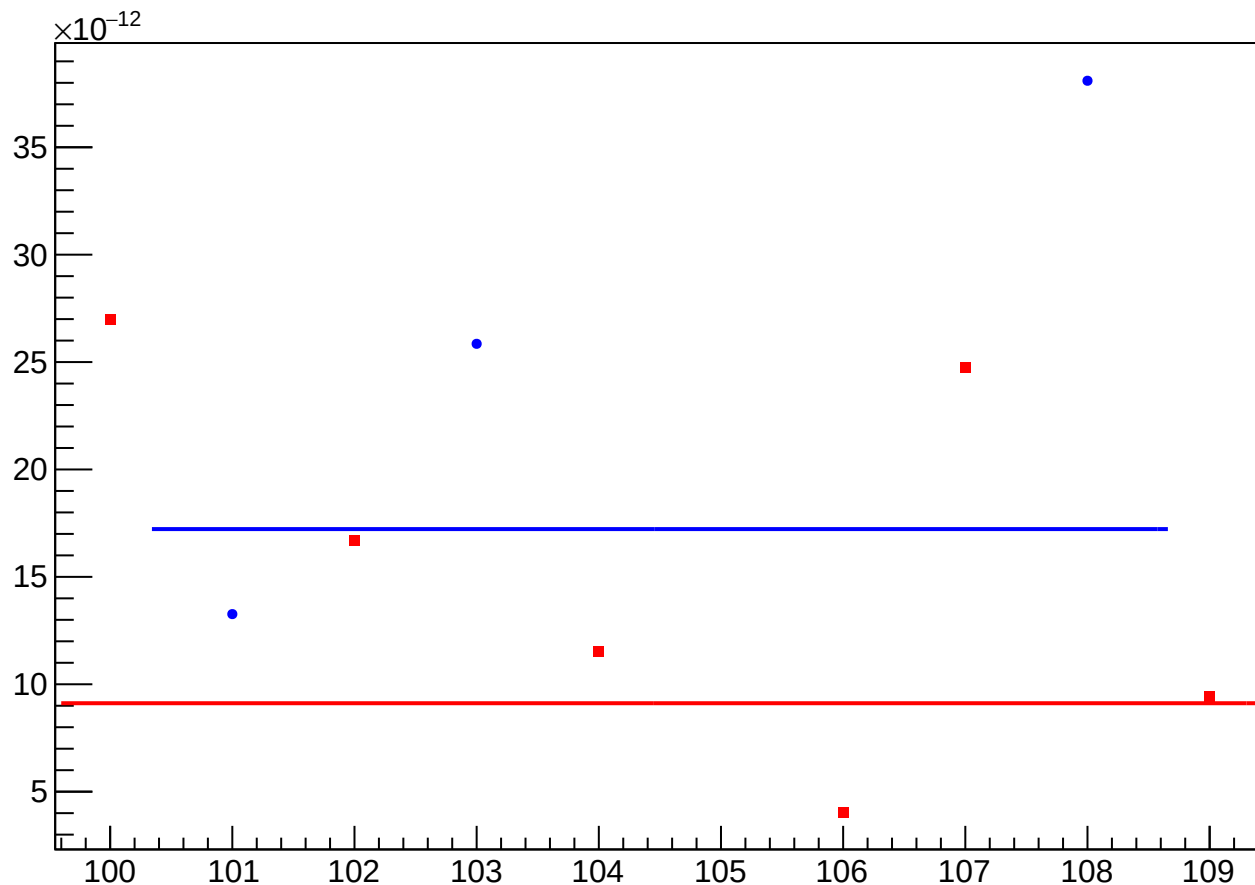
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 350326.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 599636.6/5

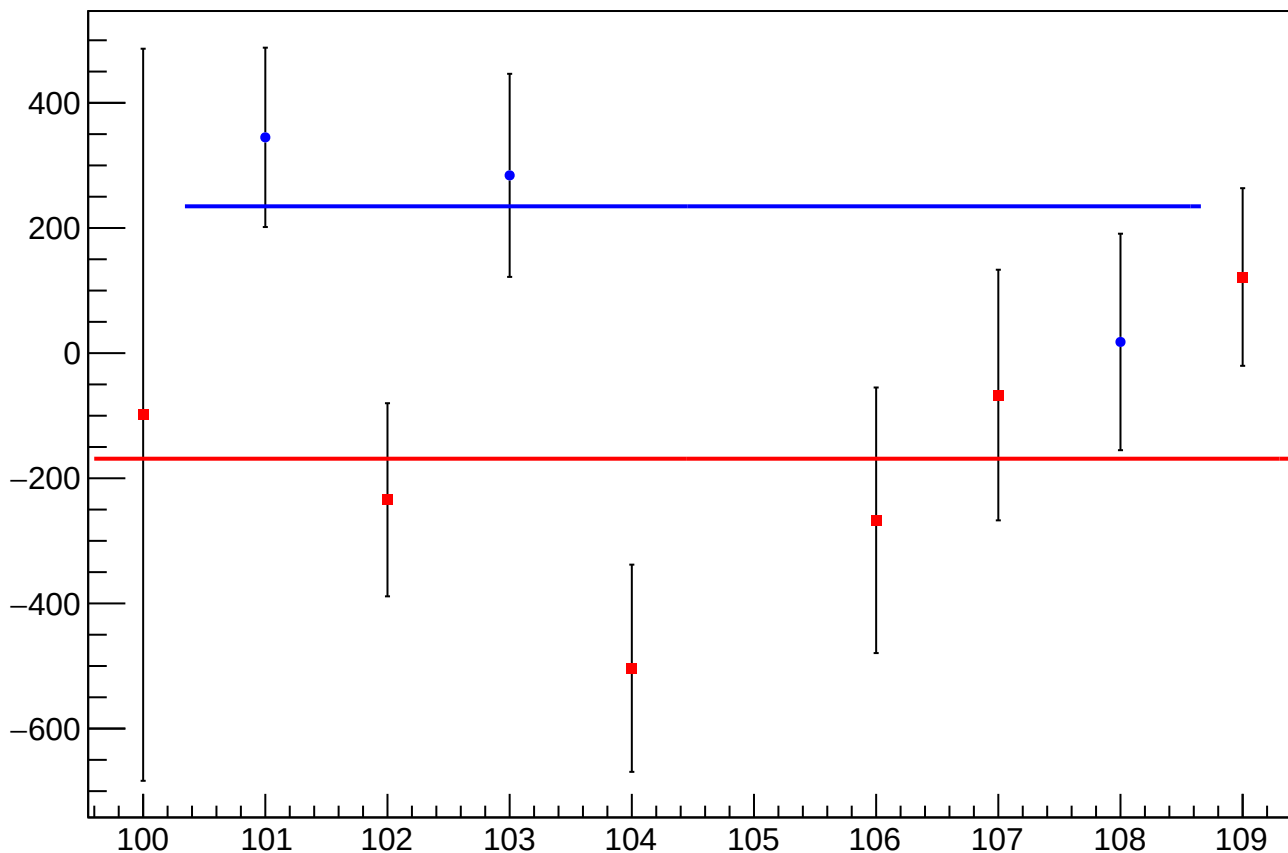
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1296022.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 234.654 $\pm$ 91.259 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -168.713 $\pm$ 74.921 χ^2 /NDF: 8.9/5

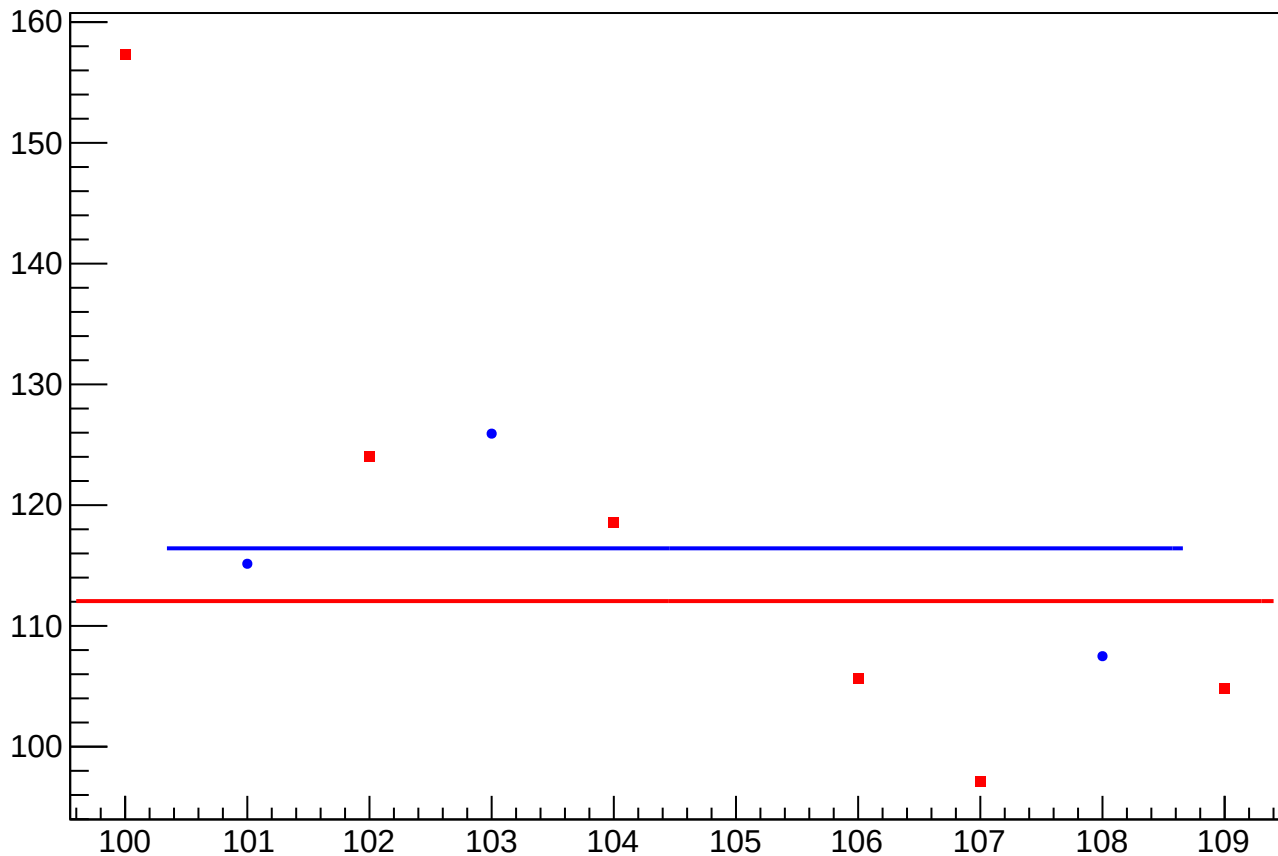
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.306 $\pm$ 57.907 χ^2 /NDF: 22.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 116.424 $\pm$ 0.065 χ^2 /NDF: 12339.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.056 $\pm$ 0.053 χ^2 /NDF: 45312.3/5

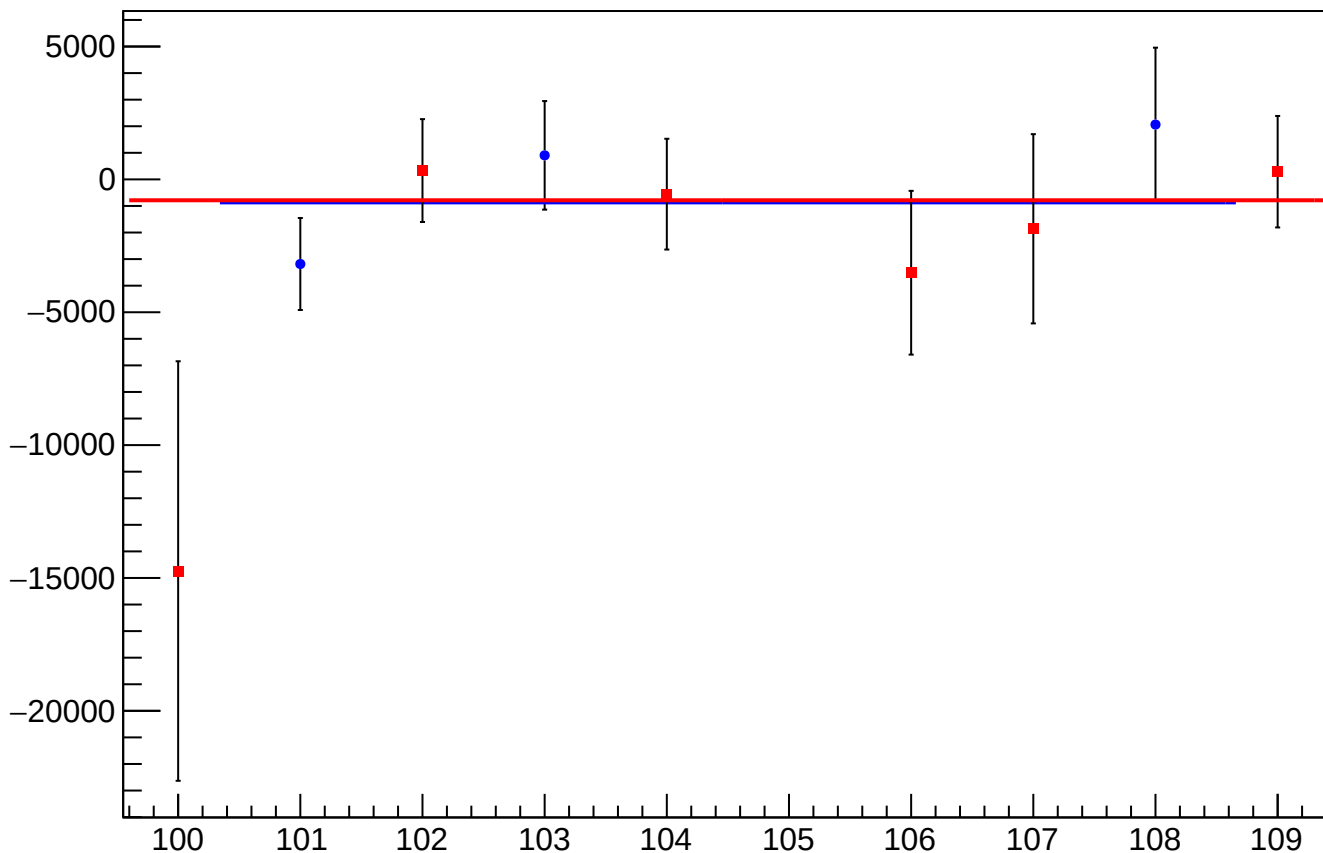
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.815 $\pm$ 0.041 χ^2 /NDF: 60390.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_correction_mean vs Slug



Right In: -864.894 $\pm$ 1201.413 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -786.342 $\pm$ 1040.002 χ^2 /NDF: 4.6/5

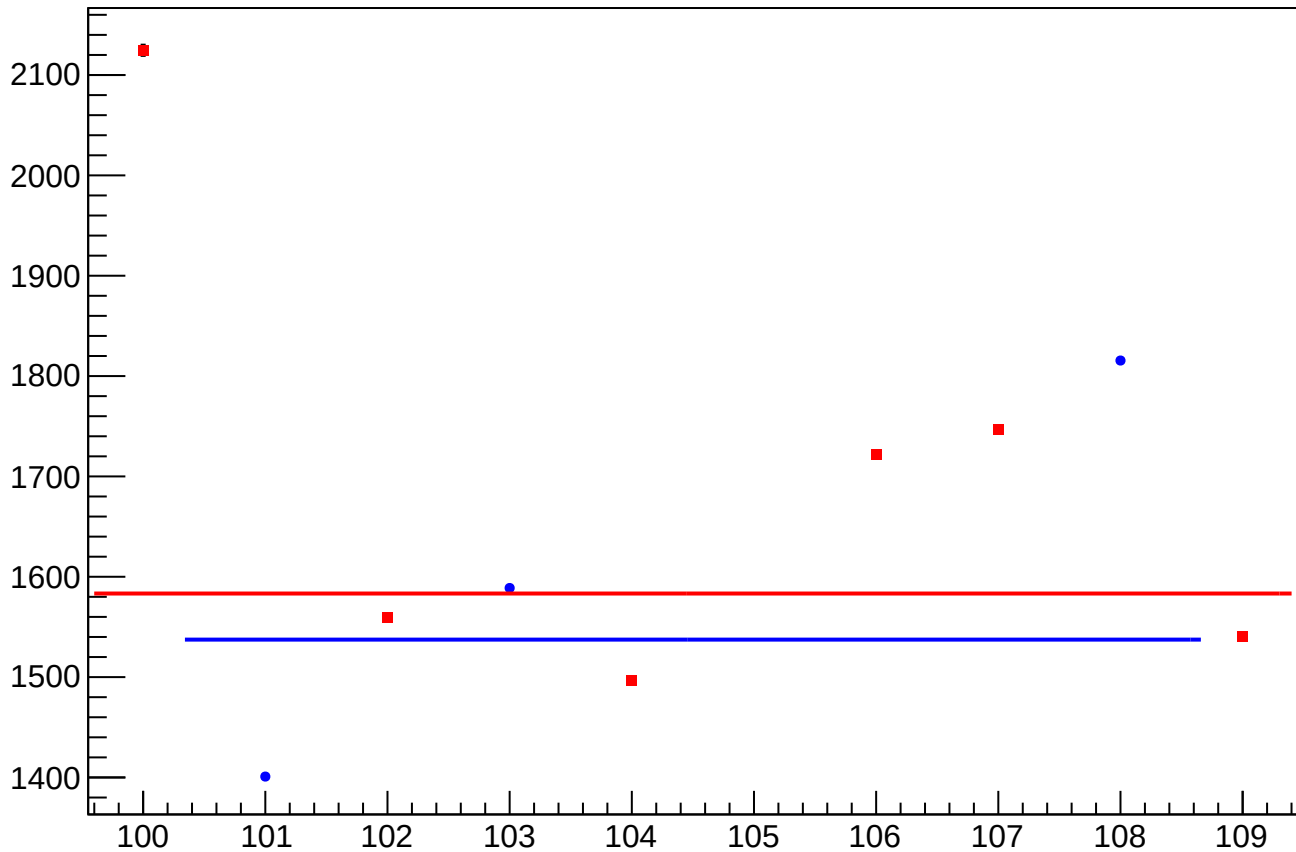
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -819.990 $\pm$ 786.314 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_correction_rms vs Slug



Right In: 1537.371+/-0.850 χ^2/NDF : 32175.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1583.299+/-0.735 χ^2/NDF : 22329.2/5

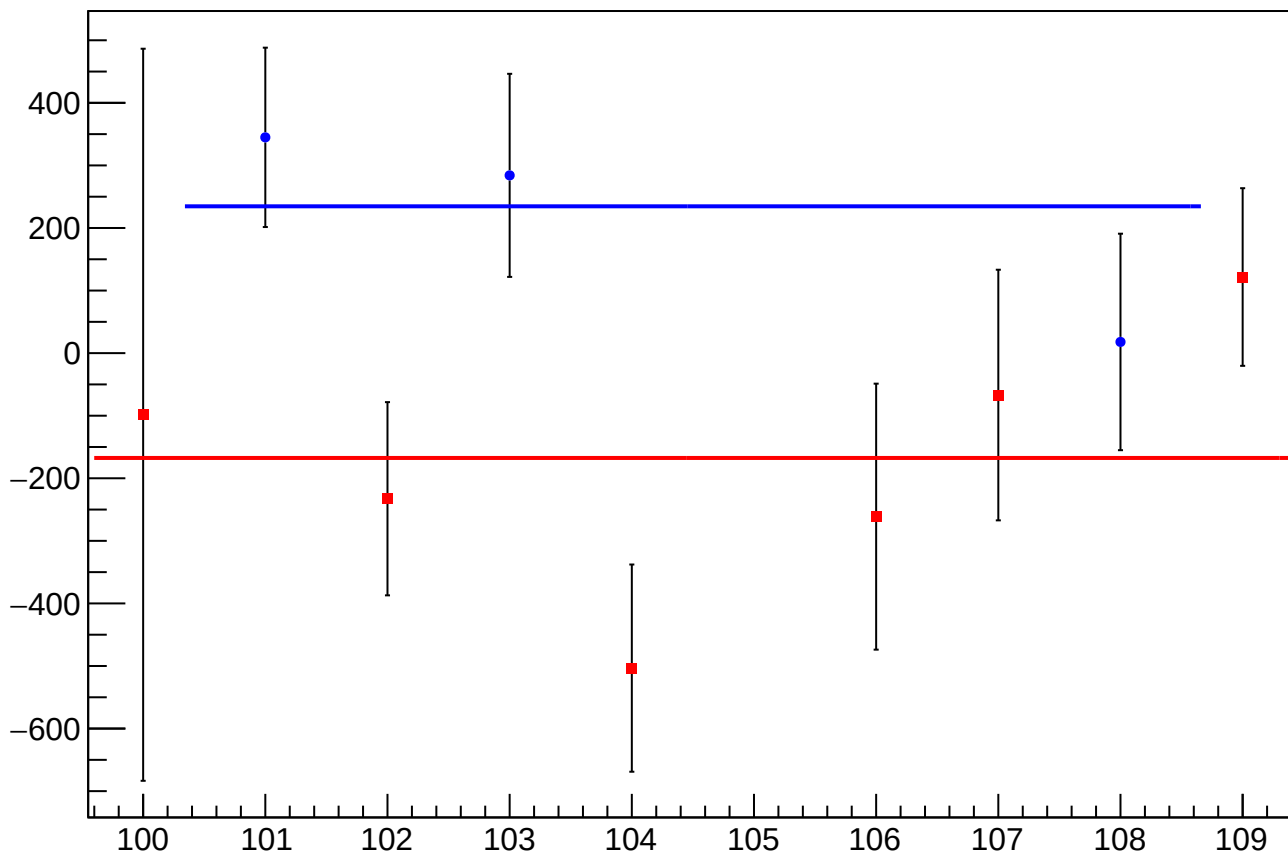
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.625+/-0.556 χ^2/NDF : 56175.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 234.646 $\pm$ 91.259 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -167.522 $\pm$ 74.944 χ^2 /NDF: 8.9/5

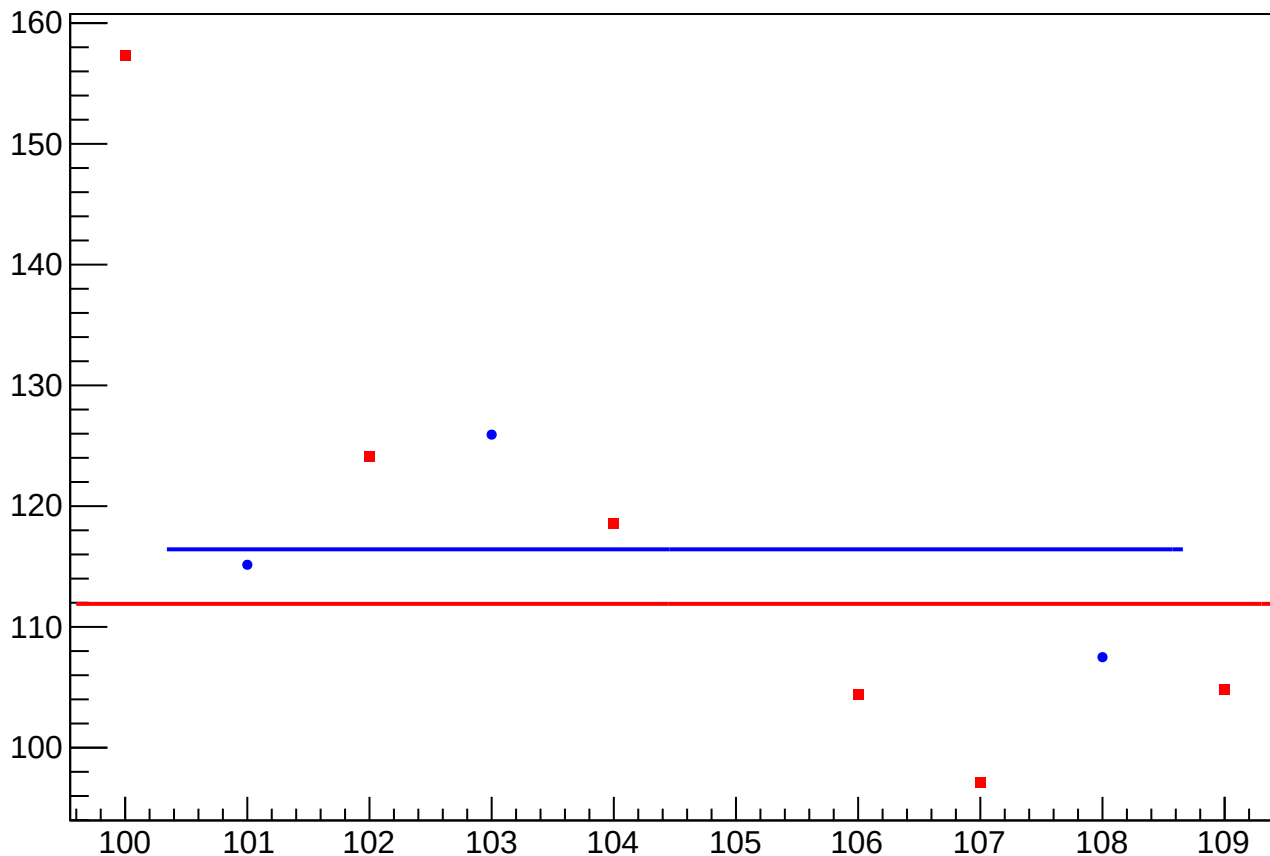
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.539 $\pm$ 57.917 χ^2 /NDF: 22.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_rms vs Slug



Right In: 116.425+/-0.065 χ^2/NDF : 12340.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.909+/-0.053 χ^2/NDF : 46206.9/5

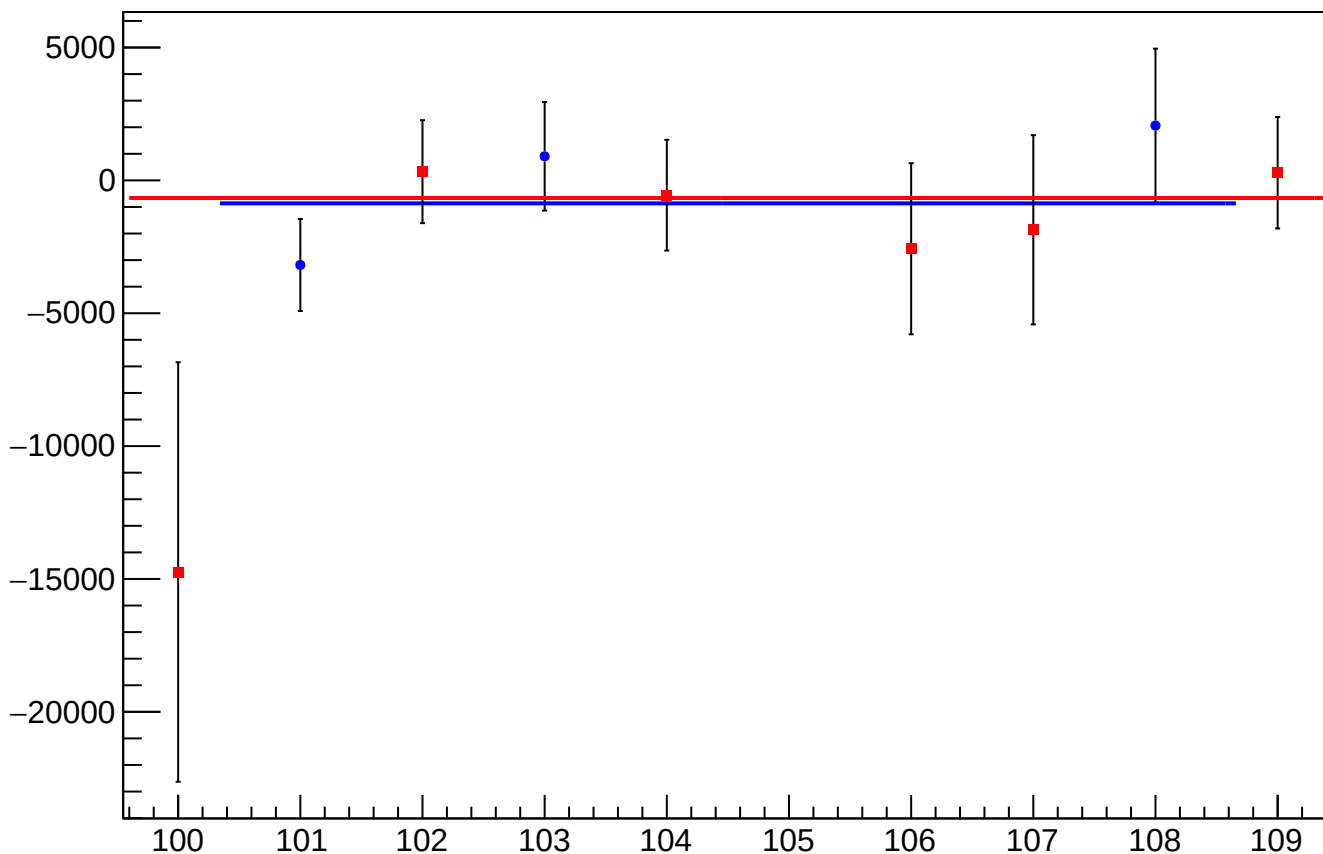
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.728+/-0.041 χ^2/NDF : 61471.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_mean vs Slug



Right In: -864.771 $\pm$ 1201.430 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -662.183 $\pm$ 1045.146 χ^2 /NDF: 4.1/5

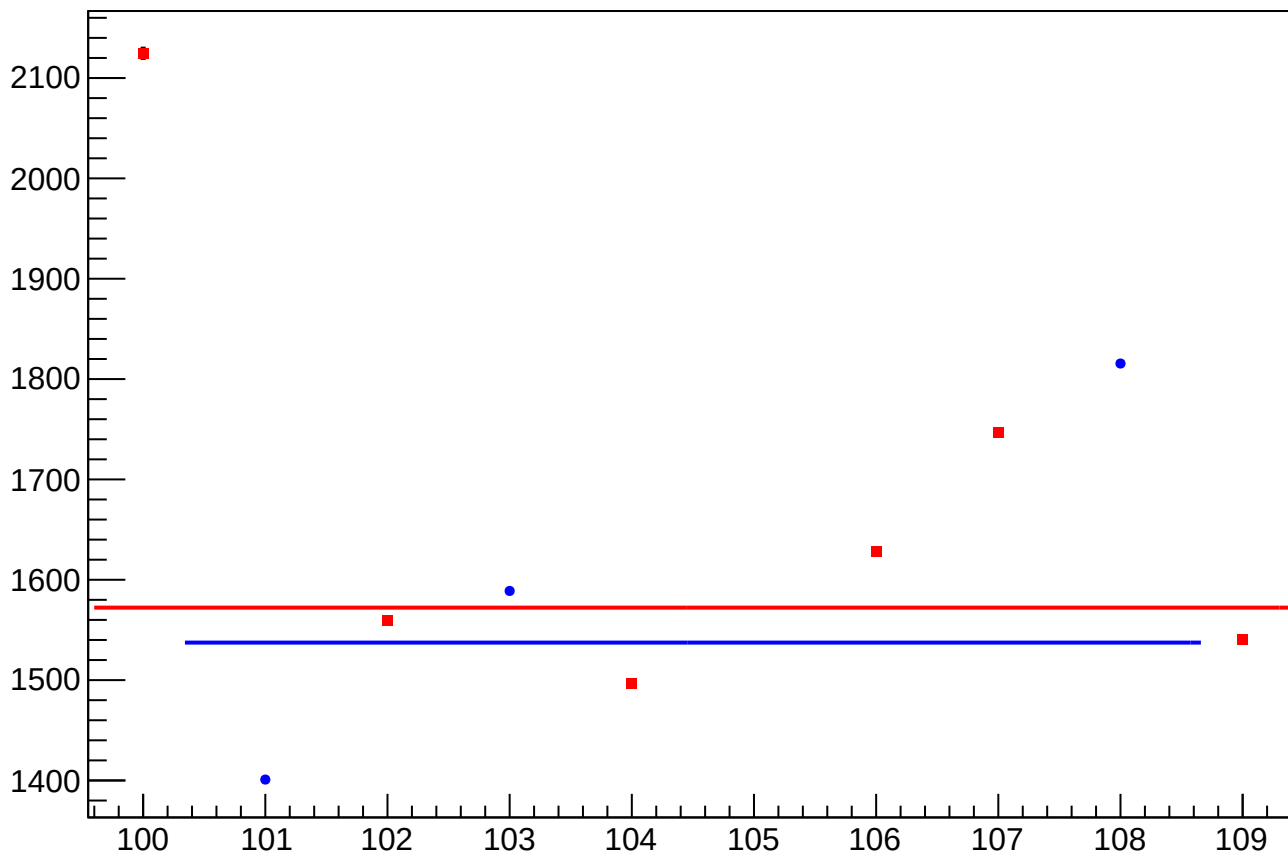
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -749.451 $\pm$ 788.535 χ^2 /NDF: 7.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_cor_correction_rms vs Slug



Right In: 1537.391+/-0.850 χ^2/NDF : 32177.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.236+/-0.739 χ^2/NDF : 18405.5/5

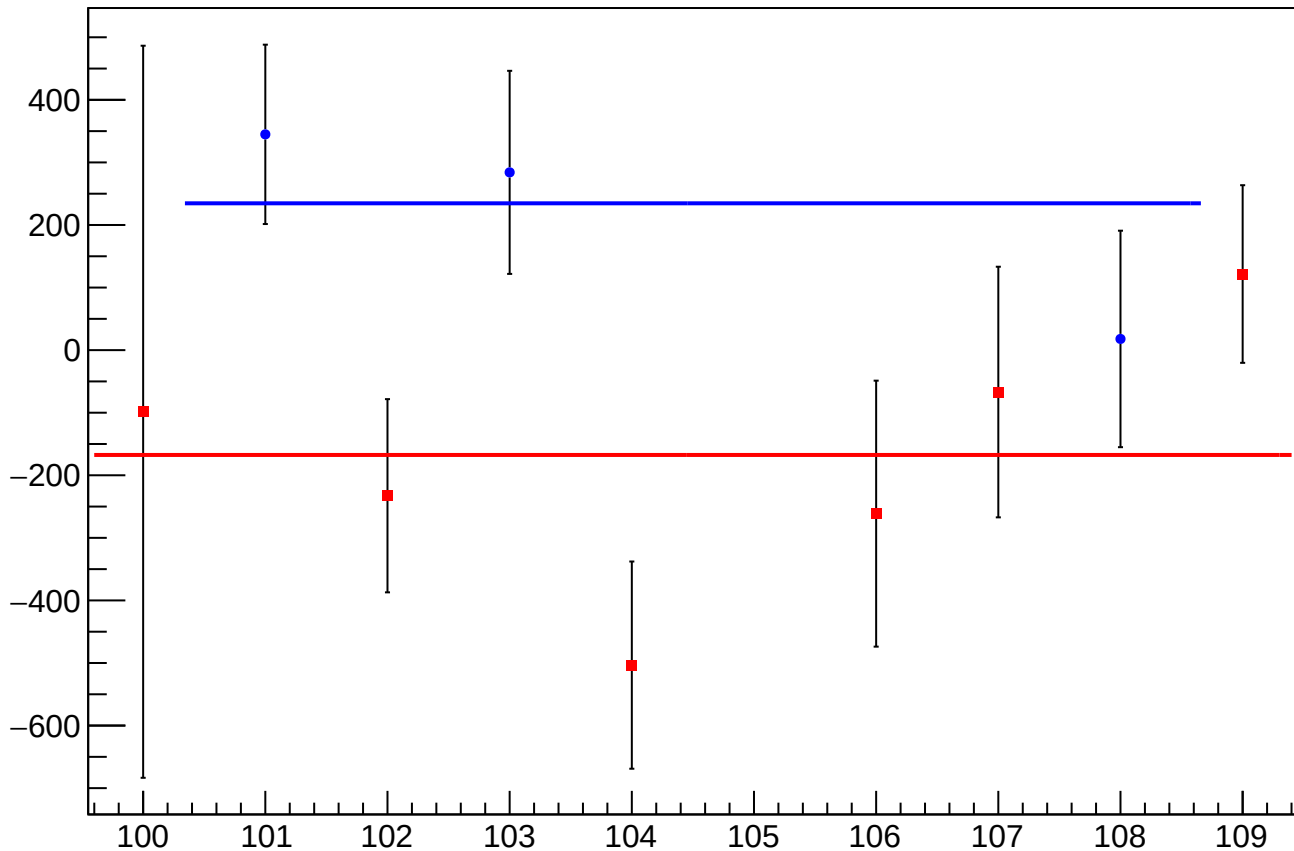
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.226+/-0.558 χ^2/NDF : 51541.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 234.646 $\pm$ 91.259 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -167.522 $\pm$ 74.944 χ^2 /NDF: 8.9/5

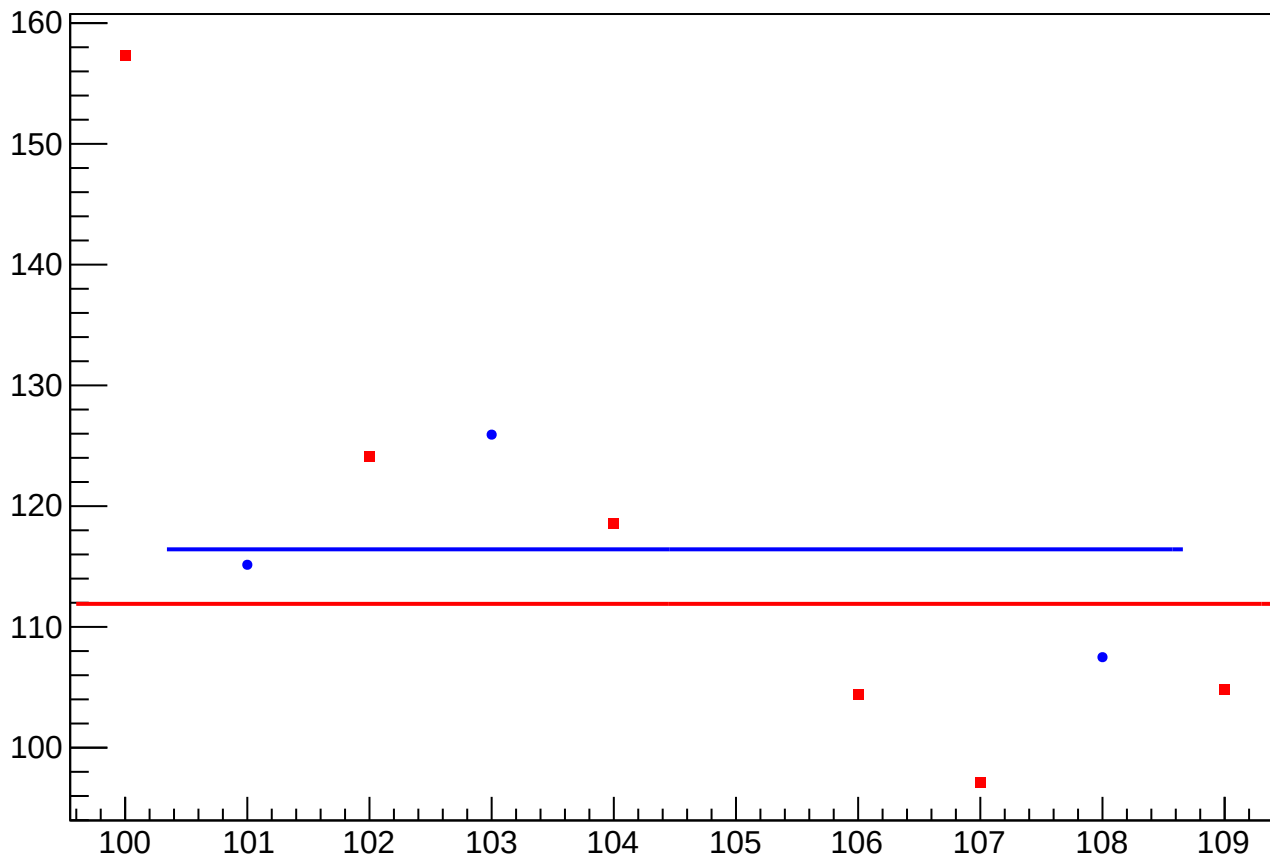
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.539 $\pm$ 57.917 χ^2 /NDF: 22.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 116.425 $\pm$ 0.065 χ^2 /NDF: 12340.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 111.909 $\pm$ 0.053 χ^2 /NDF: 46206.9/5

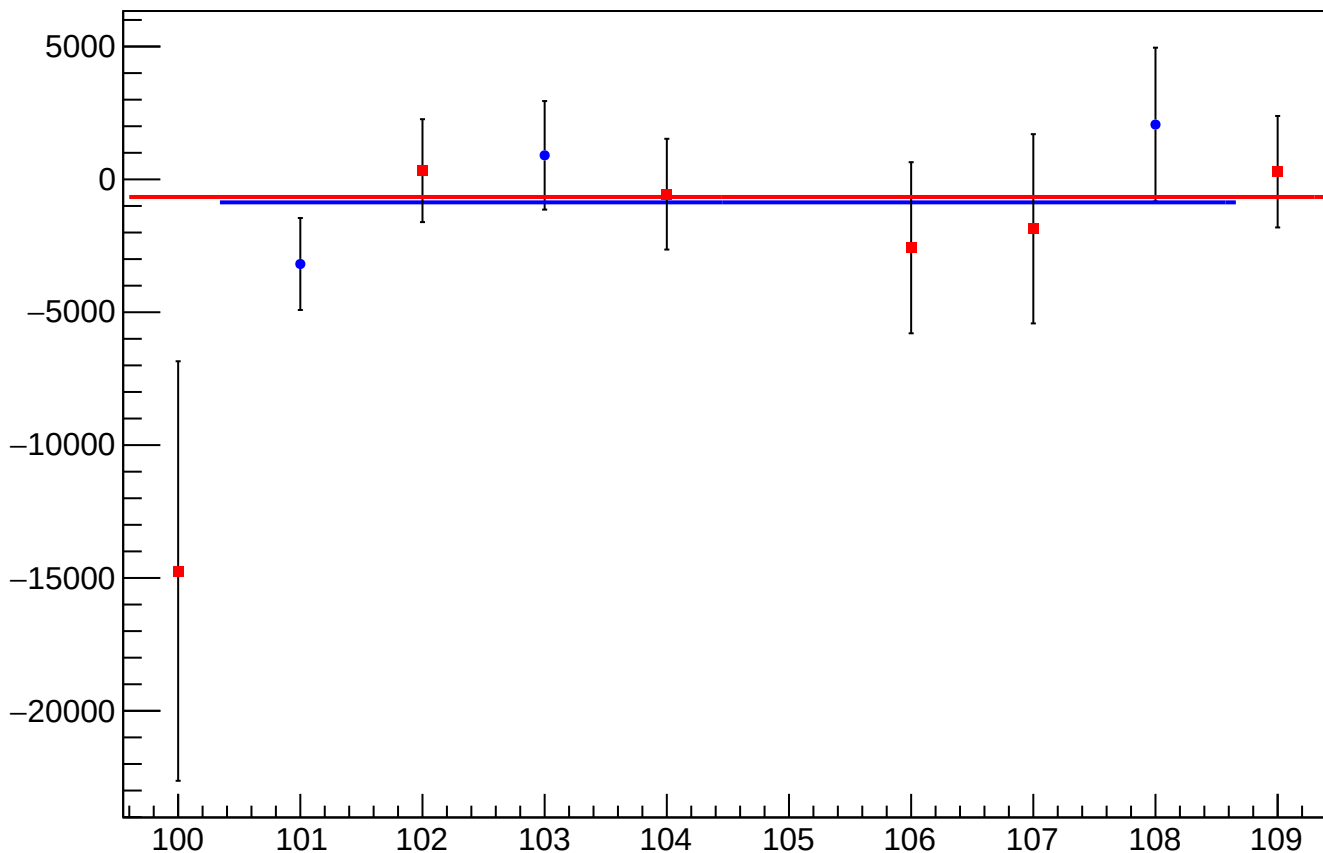
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 113.728 $\pm$ 0.041 χ^2 /NDF: 61471.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug



Right In: -864.771 $\pm$ 1201.430 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -662.183 $\pm$ 1045.146 χ^2 /NDF: 4.1/5

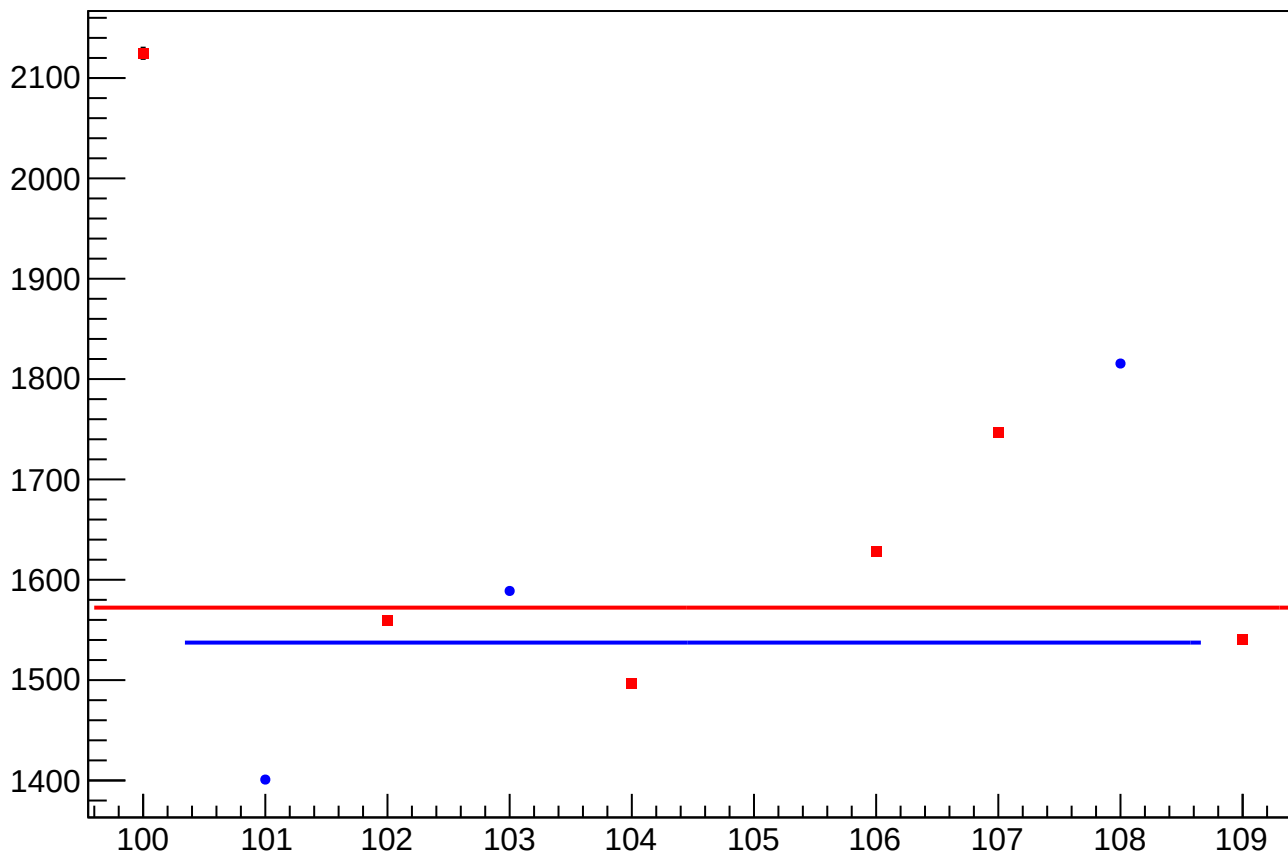
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -749.451 $\pm$ 788.535 χ^2 /NDF: 7.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug



Right In: 1537.391+/-0.850 χ^2/NDF : 32177.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1572.236+/-0.739 χ^2/NDF : 18405.5/5

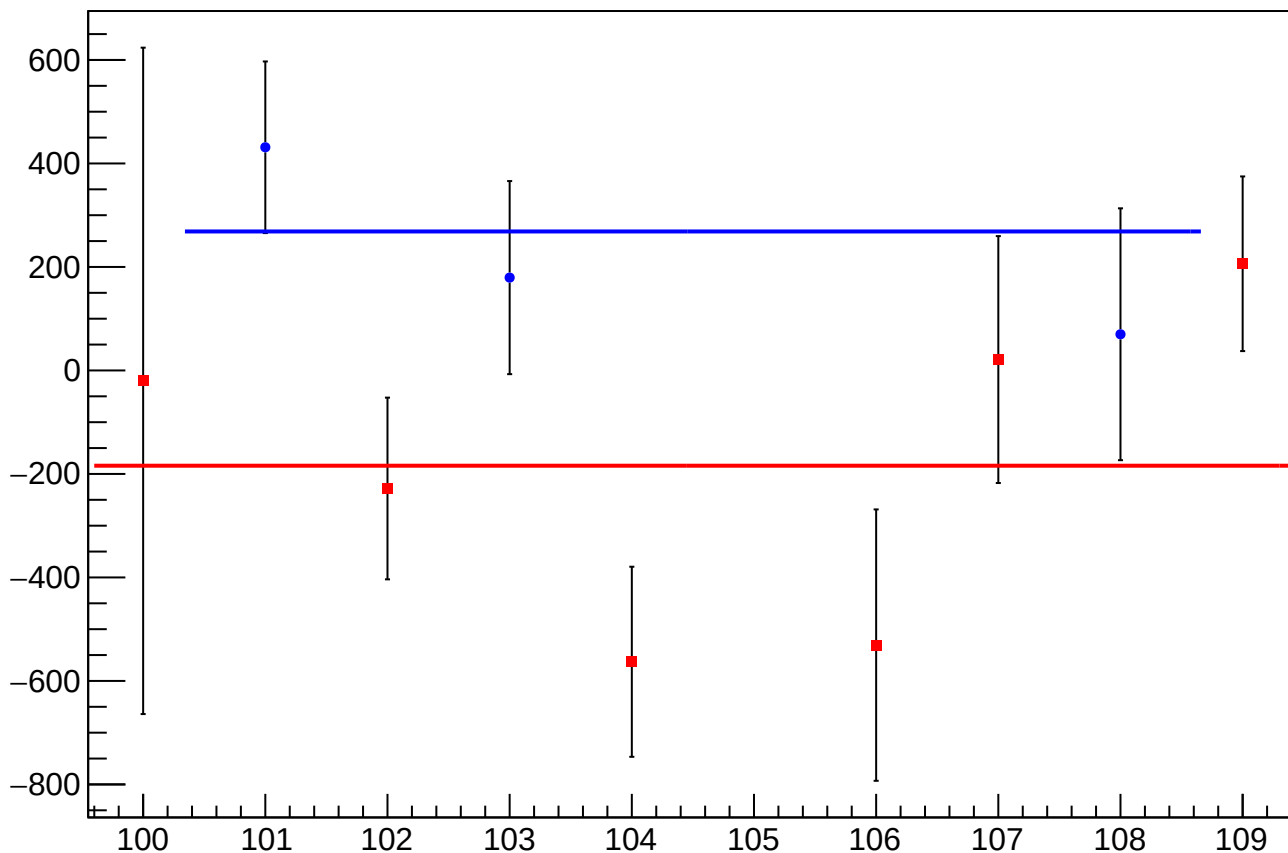
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1557.226+/-0.558 χ^2/NDF : 51541.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 268.582 $\pm$ 110.447 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -184.093 $\pm$ 87.132 χ^2 /NDF: 12.2/5

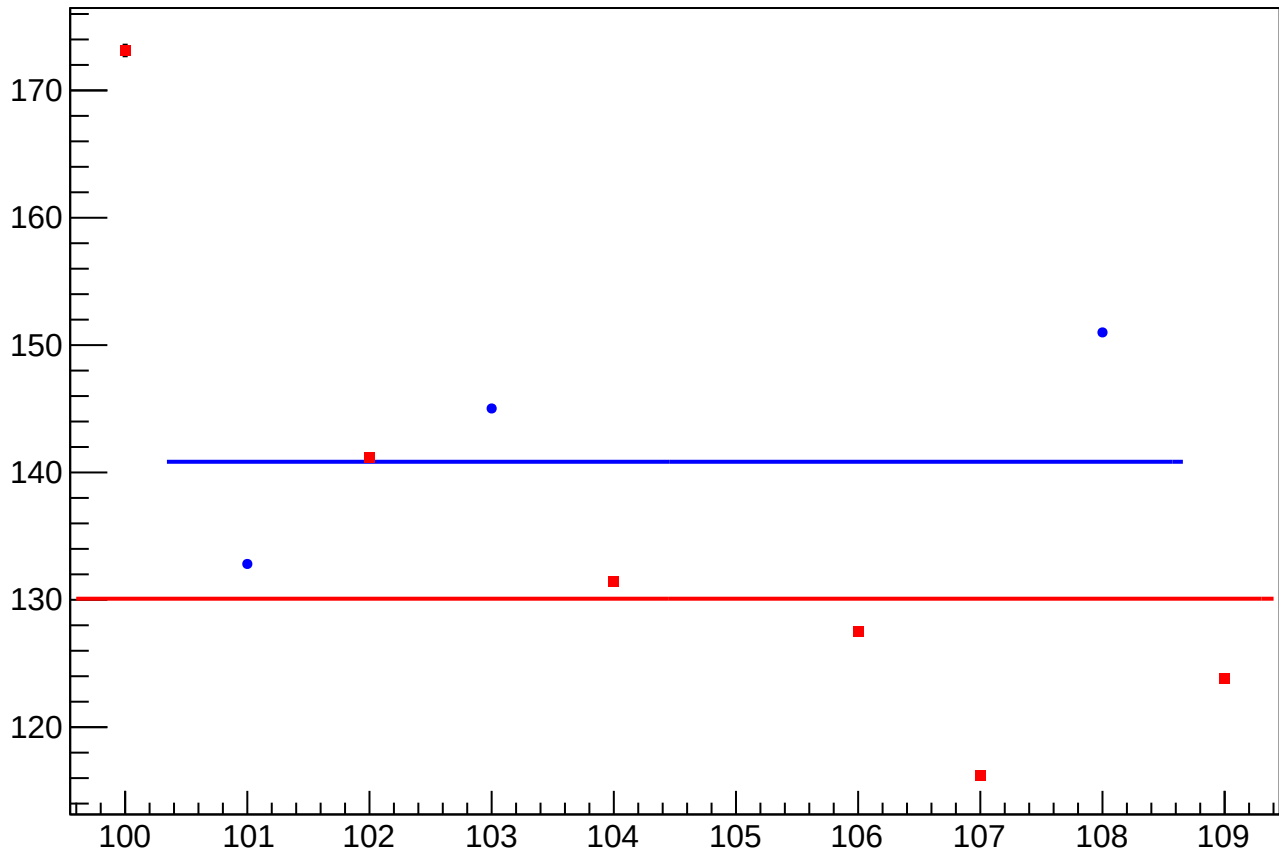
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.439 $\pm$ 68.408 χ^2 /NDF: 24.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 140.840 $\pm$ 0.078 χ^2 /NDF: 9172.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.088 $\pm$ 0.062 χ^2 /NDF: 26749.3/5

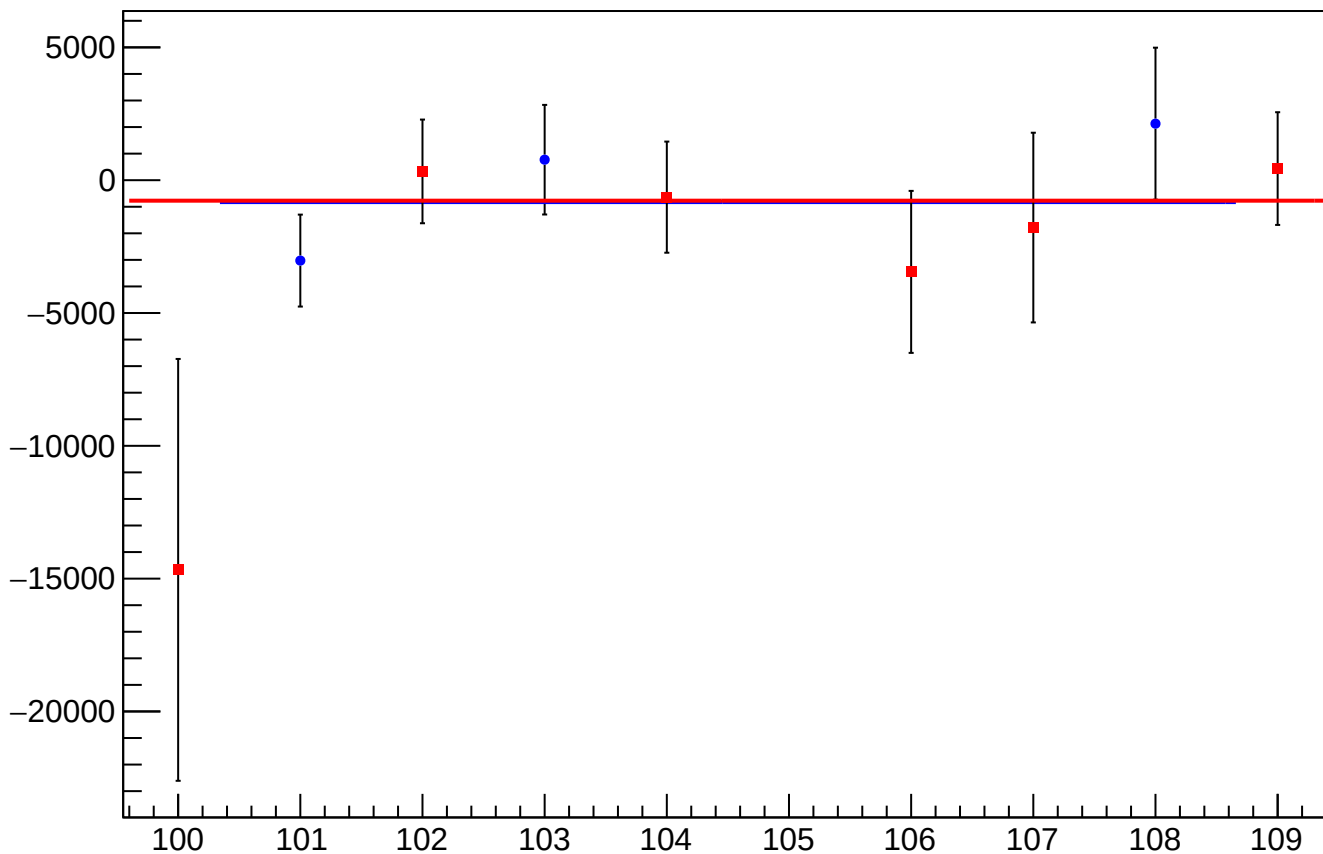
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.212 $\pm$ 0.048 χ^2 /NDF: 47605.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: -824.082 $\pm$ 1203.011 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -771.347 $\pm$ 1045.381 χ^2 /NDF: 4.6/5

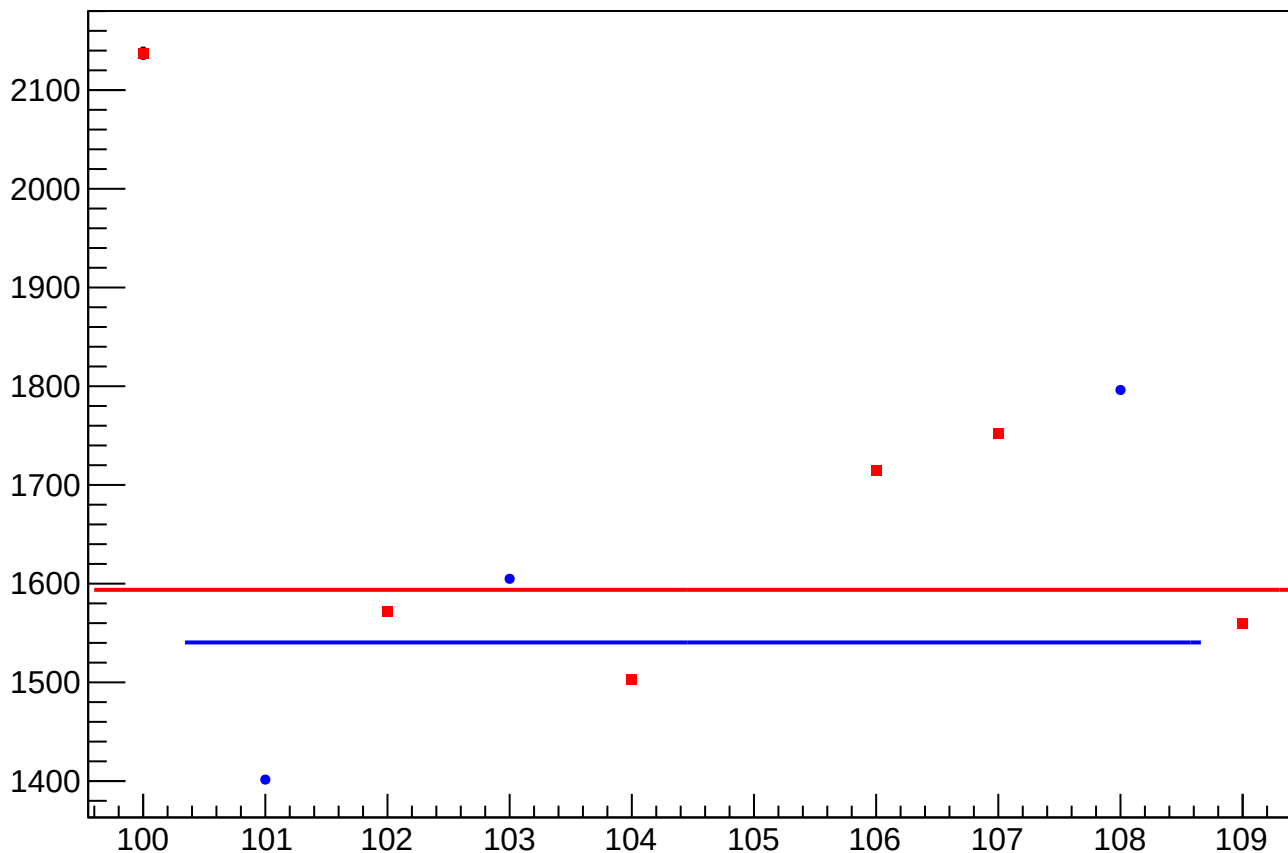
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -794.035 $\pm$ 789.083 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1540.439+/-0.851 χ^2 /NDF: 30817.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1593.752+/-0.739 χ^2 /NDF: 21017.1/5

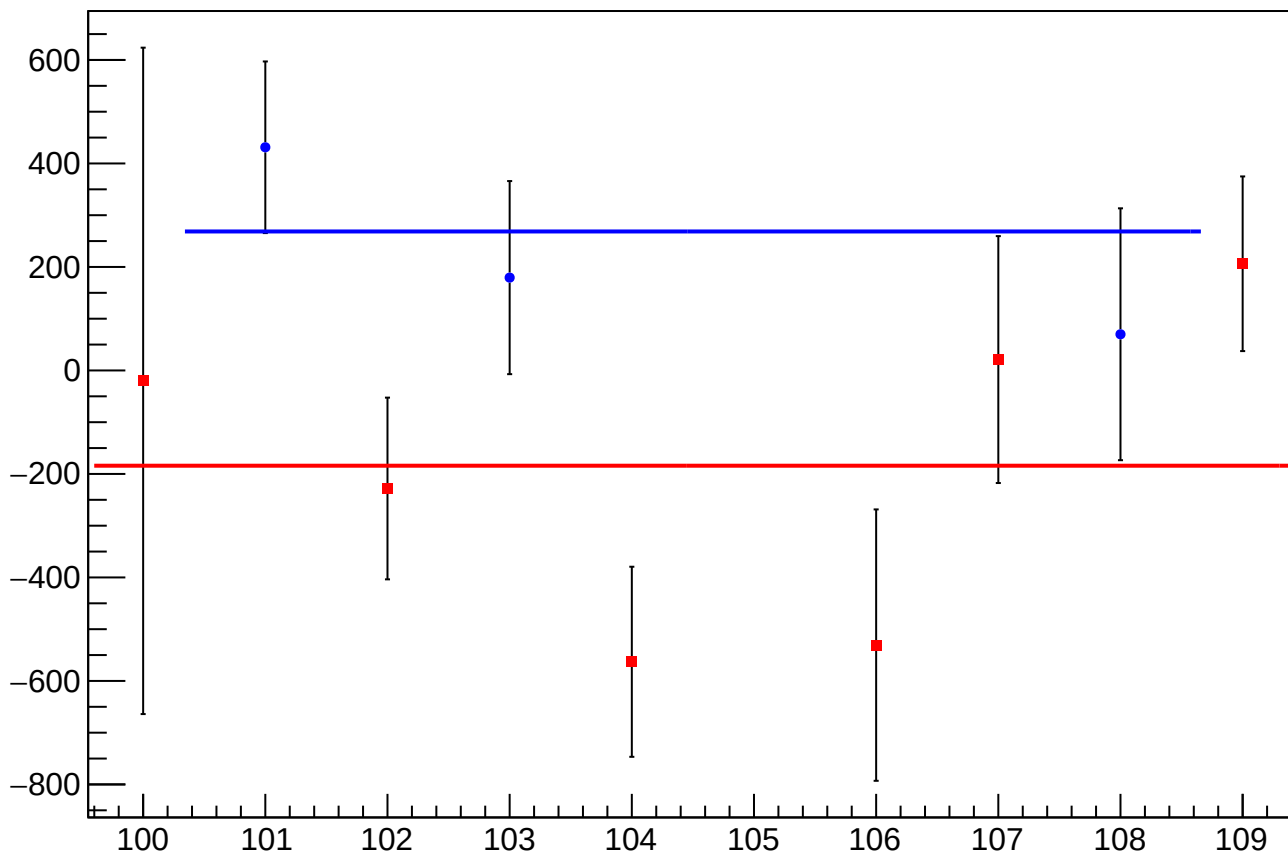
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1570.815+/-0.558 χ^2 /NDF: 54072.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 268.580 $\pm$ 110.447 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -184.091 $\pm$ 87.132 χ^2 /NDF: 12.2/5

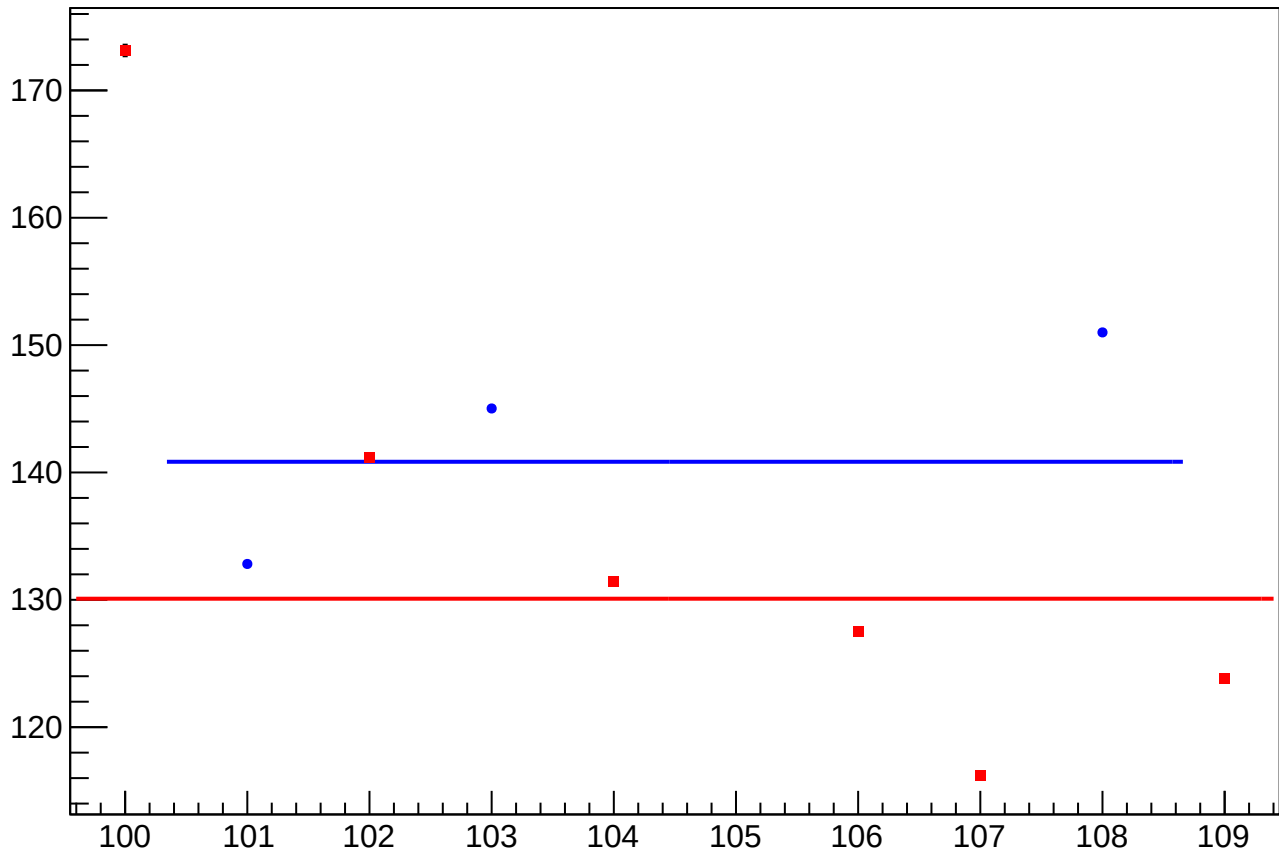
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.439 $\pm$ 68.407 χ^2 /NDF: 24.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 140.840 $\pm$ 0.078 χ^2 /NDF: 9172.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 130.087 $\pm$ 0.062 χ^2 /NDF: 26749.9/5

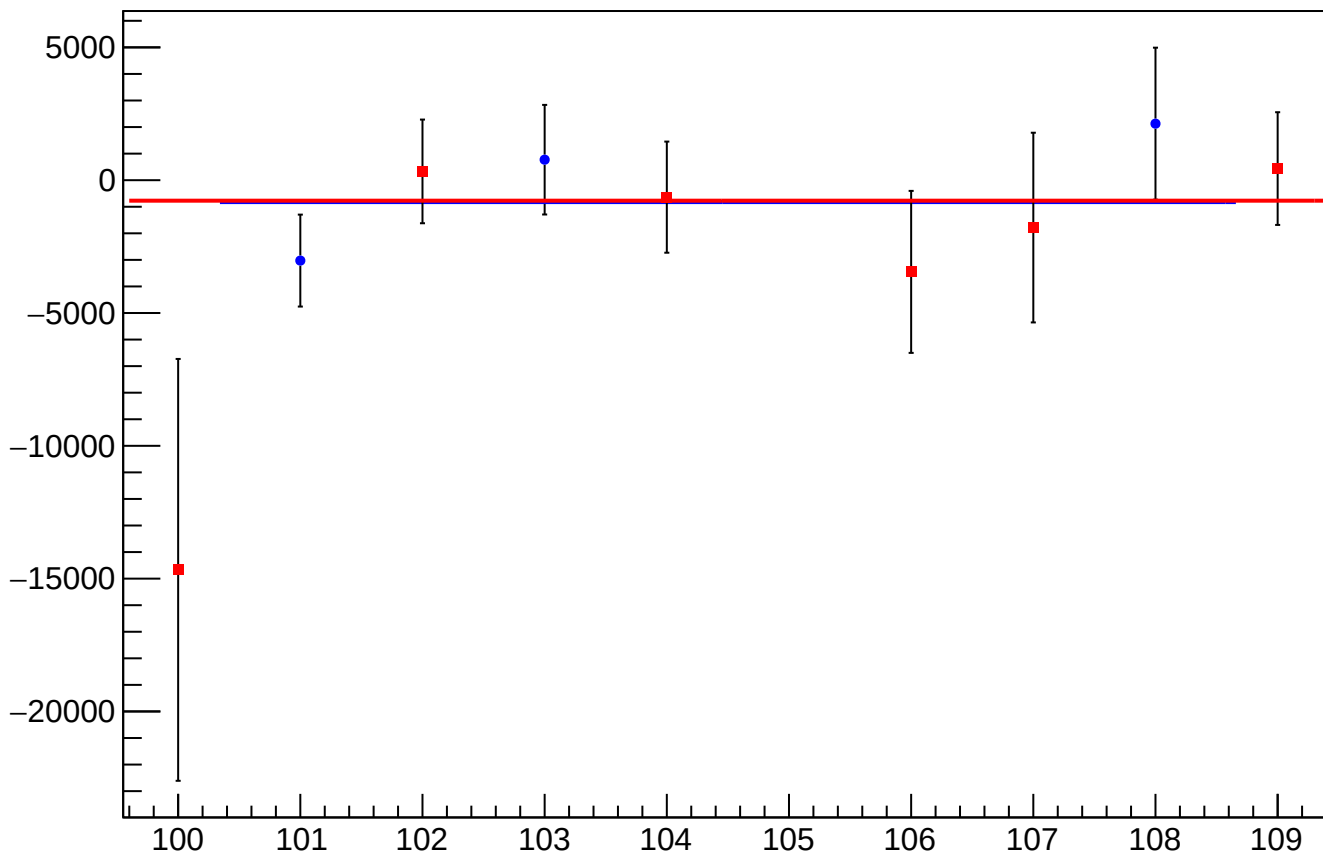
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.212 $\pm$ 0.048 χ^2 /NDF: 47606.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug



Right In: -824.082 $\pm$ 1203.009 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -771.345 $\pm$ 1045.379 χ^2 /NDF: 4.6/5

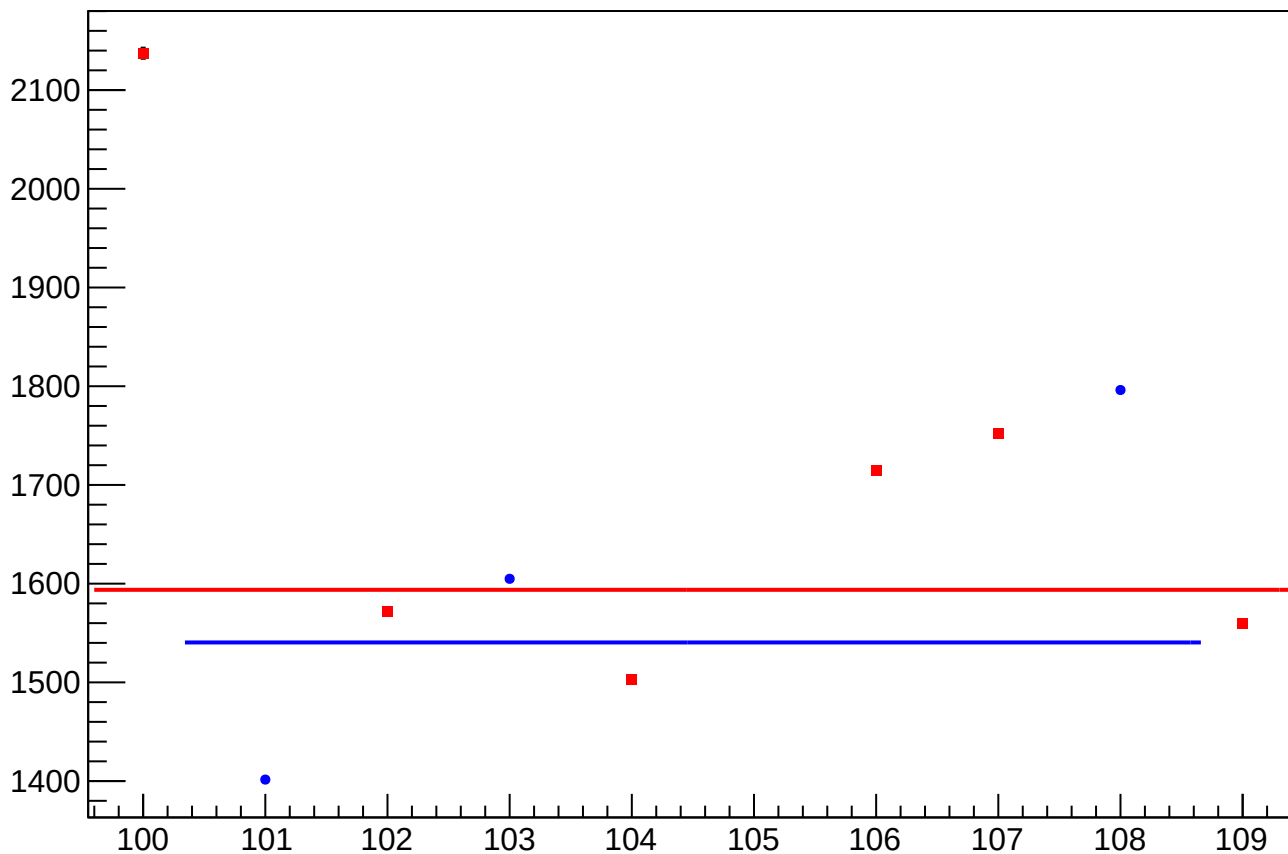
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -794.035 $\pm$ 789.081 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1540.437+/-0.851 χ^2 /NDF: 30816.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1593.750+/-0.739 χ^2 /NDF: 21017.4/5

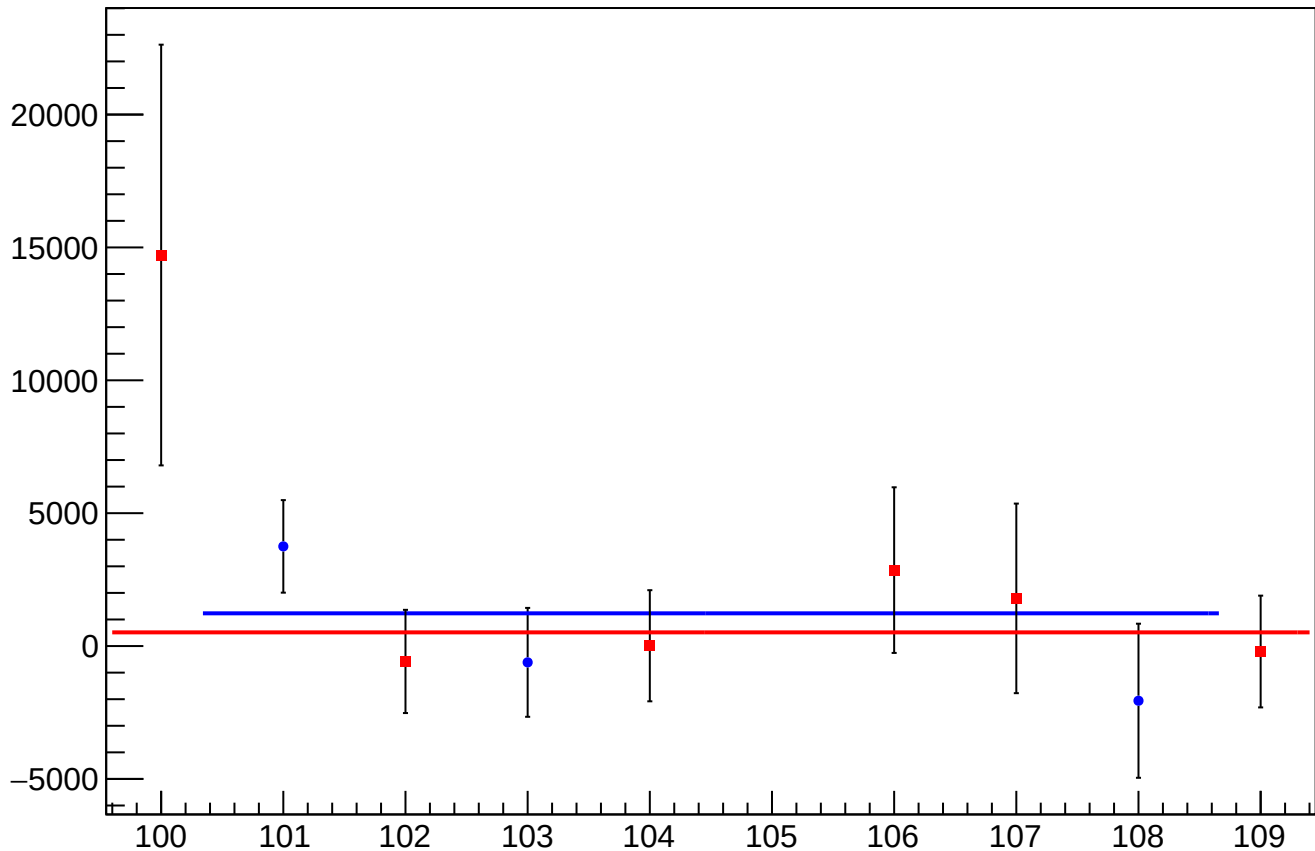
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1570.813+/-0.558 χ^2 /NDF: 54072.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 1231.490+/-1206.526 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 514.971+/-1043.975 χ^2/NDF : 4.4/5

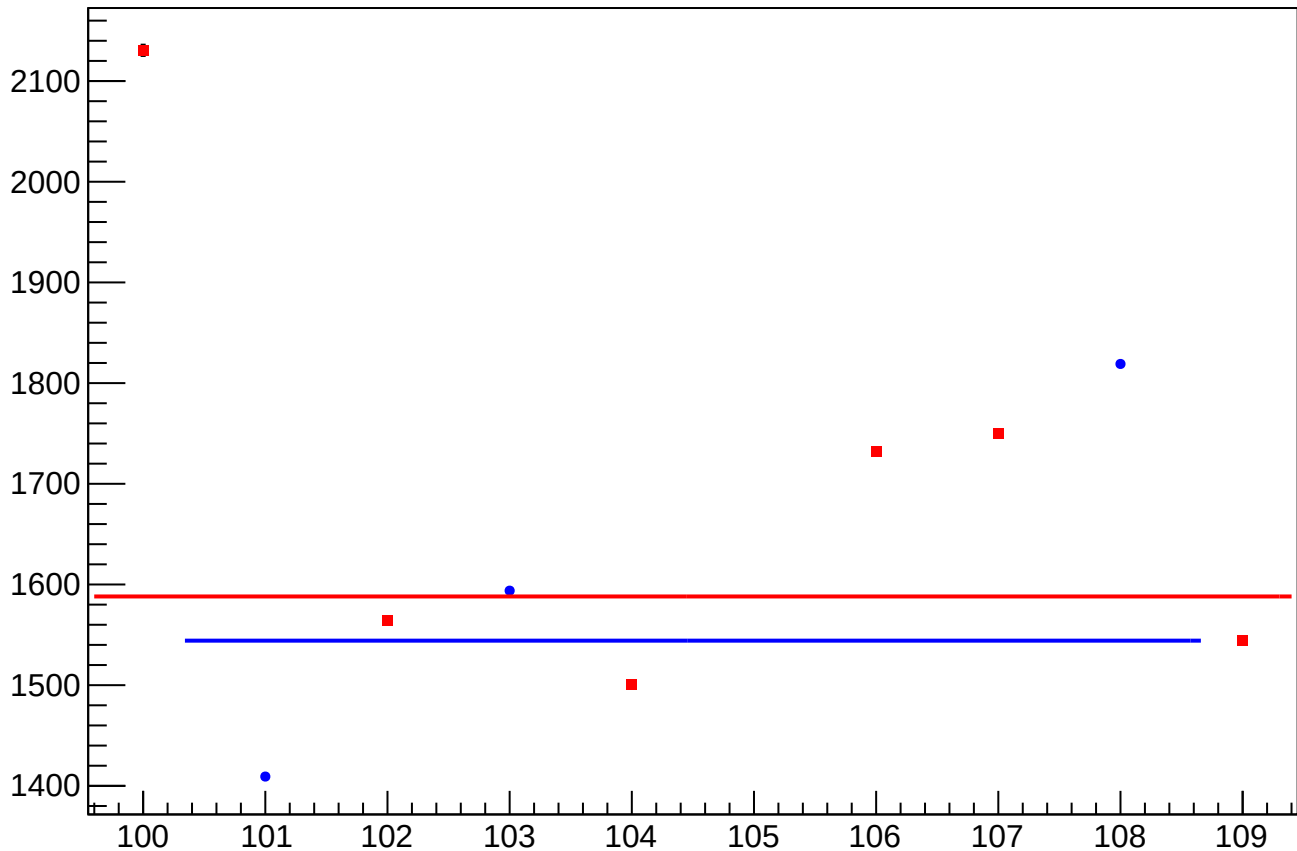
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 821.746+/-789.465 χ^2/NDF : 8.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1544.215 $\pm$ 0.853 χ^2 /NDF: 31162.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1588.104 $\pm$ 0.738 χ^2 /NDF: 22389.4/5

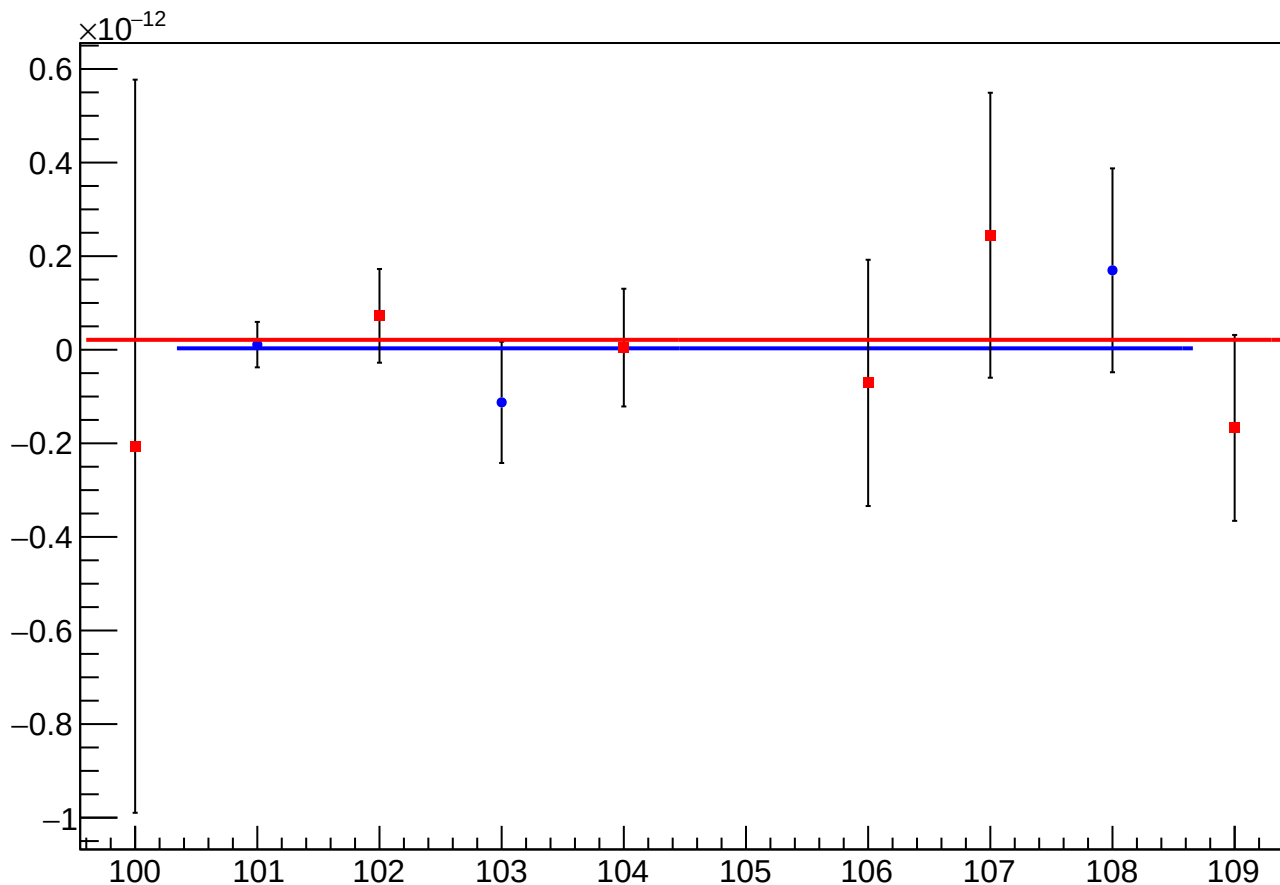
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1569.313 $\pm$ 0.558 χ^2 /NDF: 55065.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1.9/5

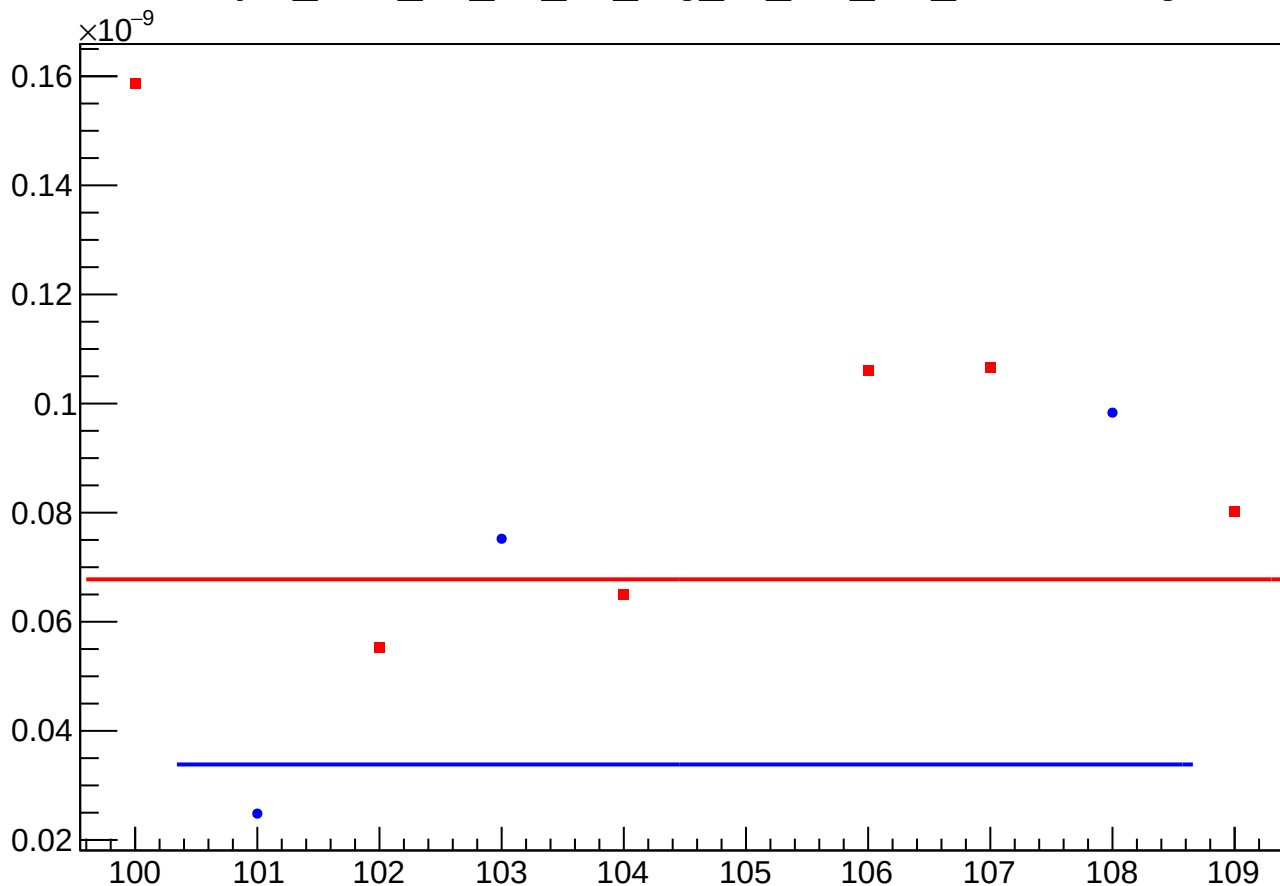
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 447803.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 142064.6/5

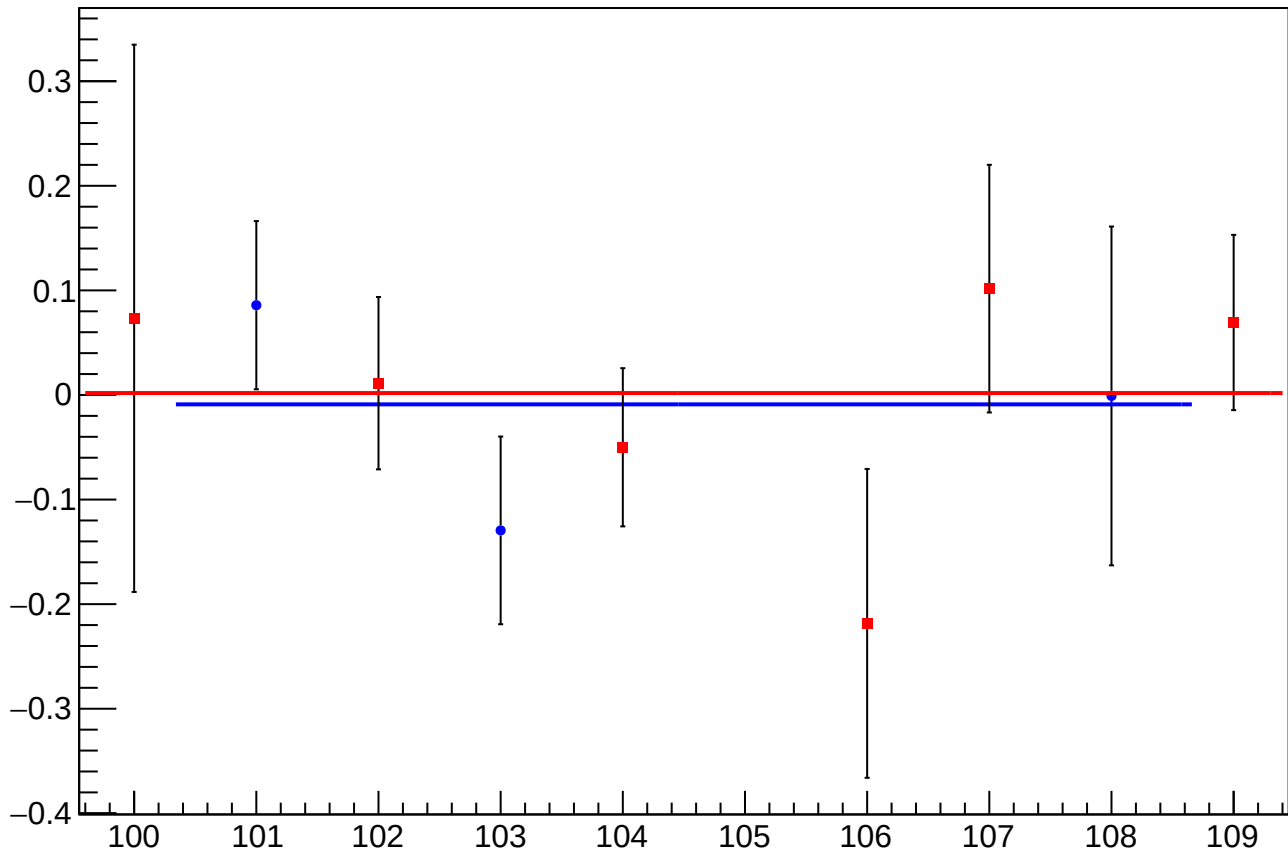
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 937257.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

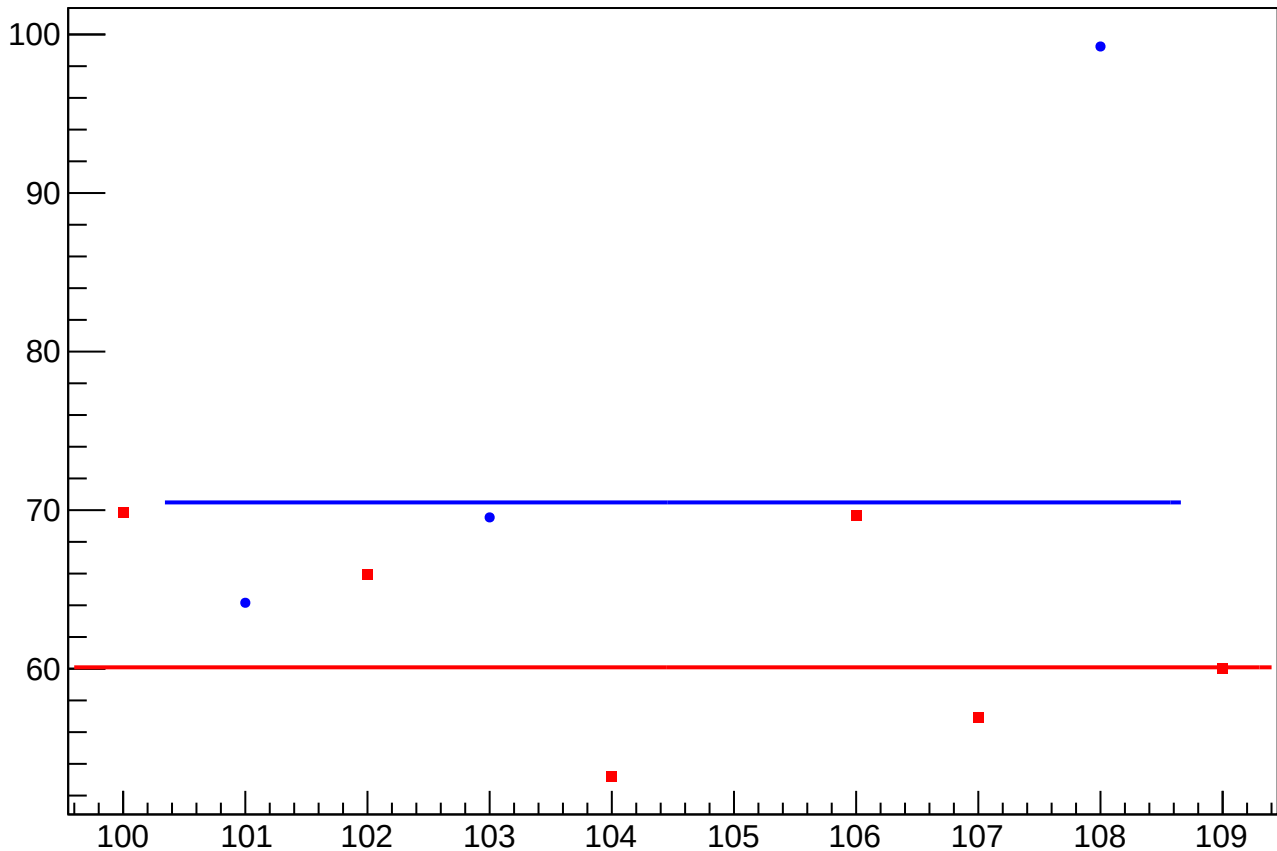
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.033 χ^2 /NDF: 7.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug



Right In: 70.488+/-0.040 χ^2/NDF : 75635.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.088+/-0.029 χ^2/NDF : 39333.0/5

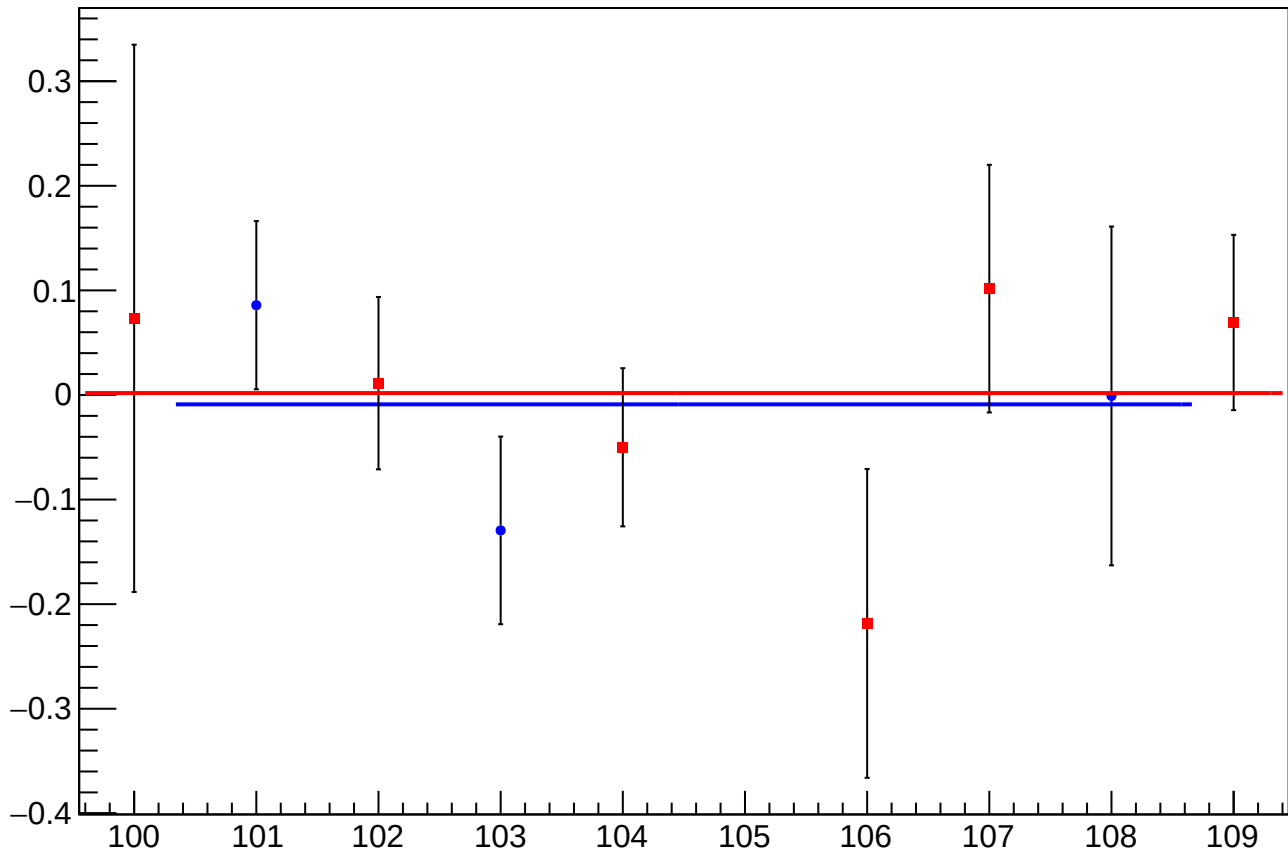
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.697+/-0.023 χ^2/NDF : 159737.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

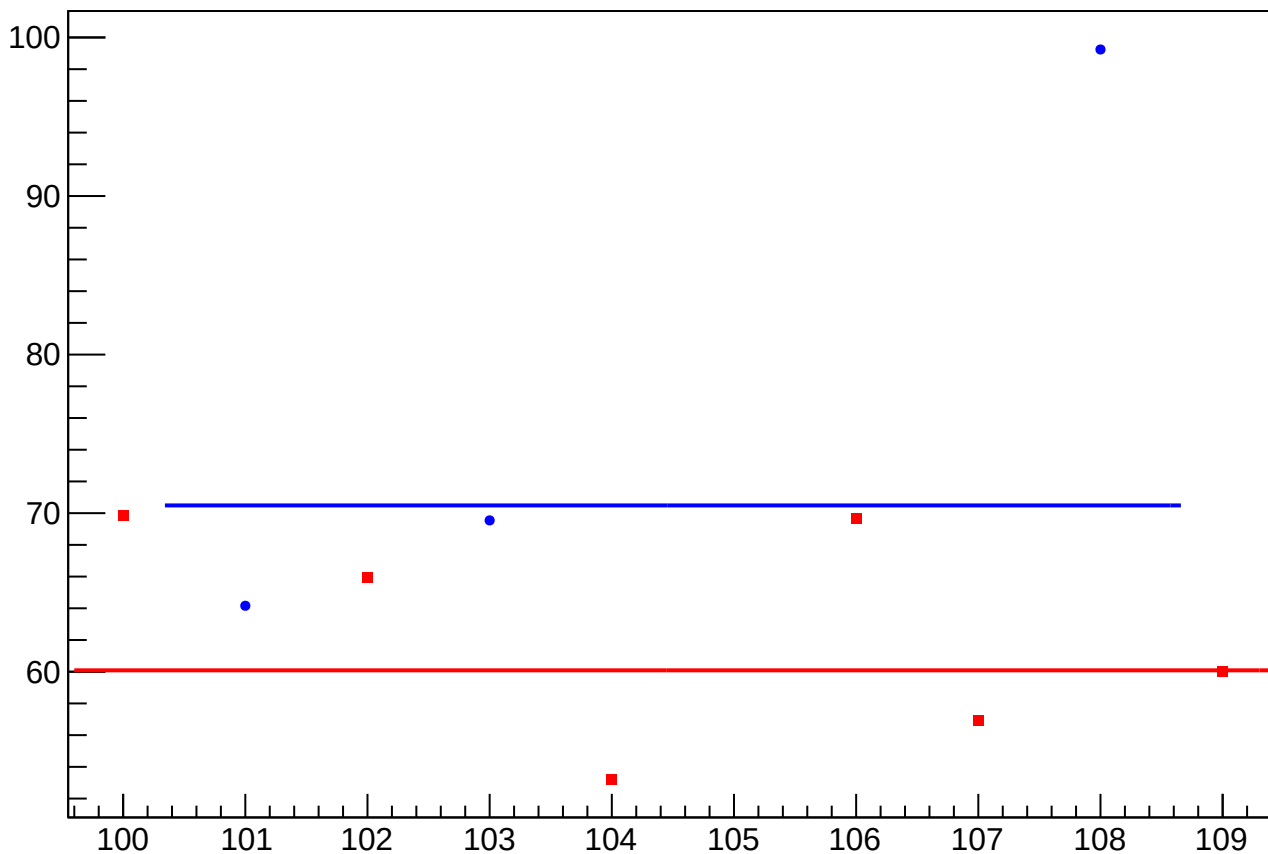
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.033 χ^2 /NDF: 7.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.488+/-0.040 χ^2 /NDF: 75635.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 60.088+/-0.029 χ^2 /NDF: 39333.0/5

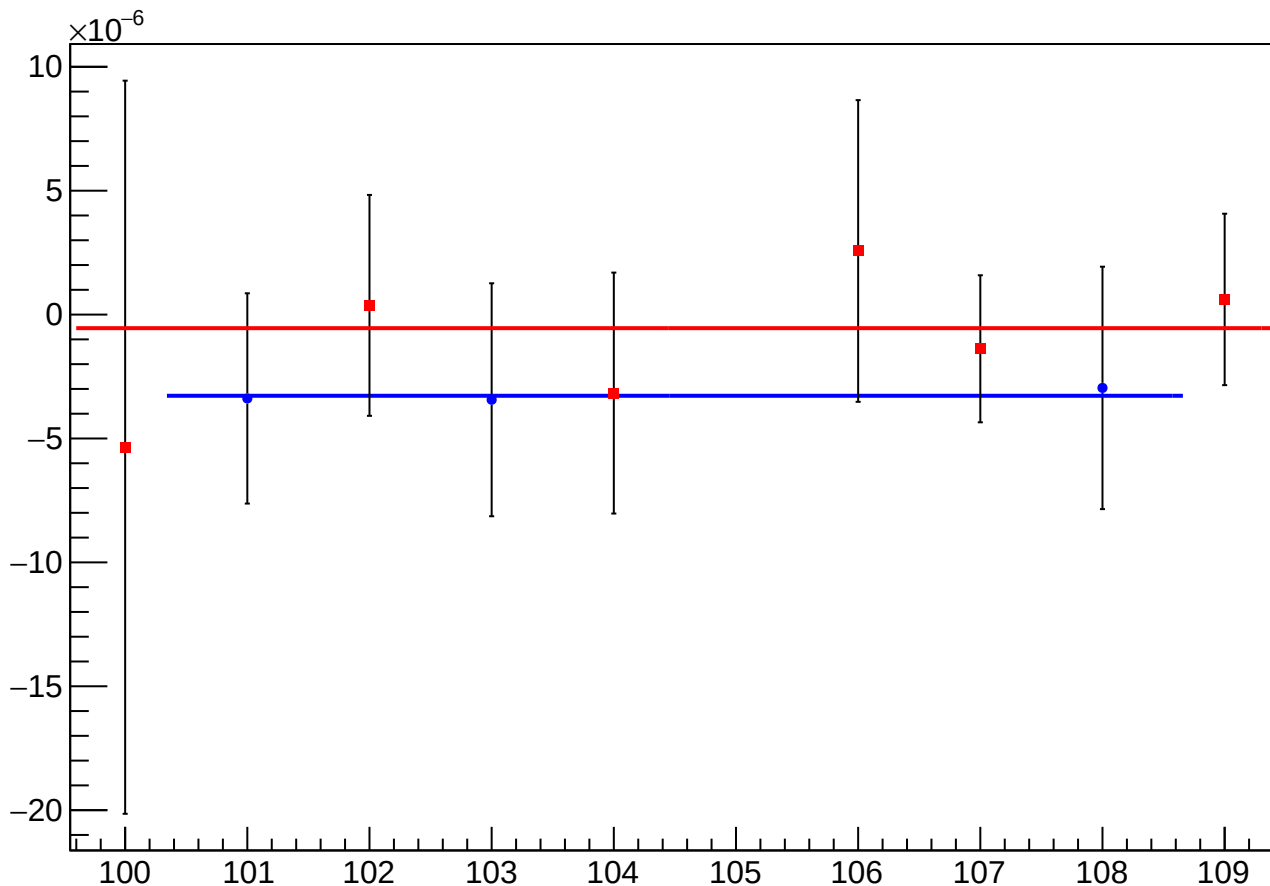
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 63.697+/-0.023 χ^2 /NDF: 159737.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 0.9/5

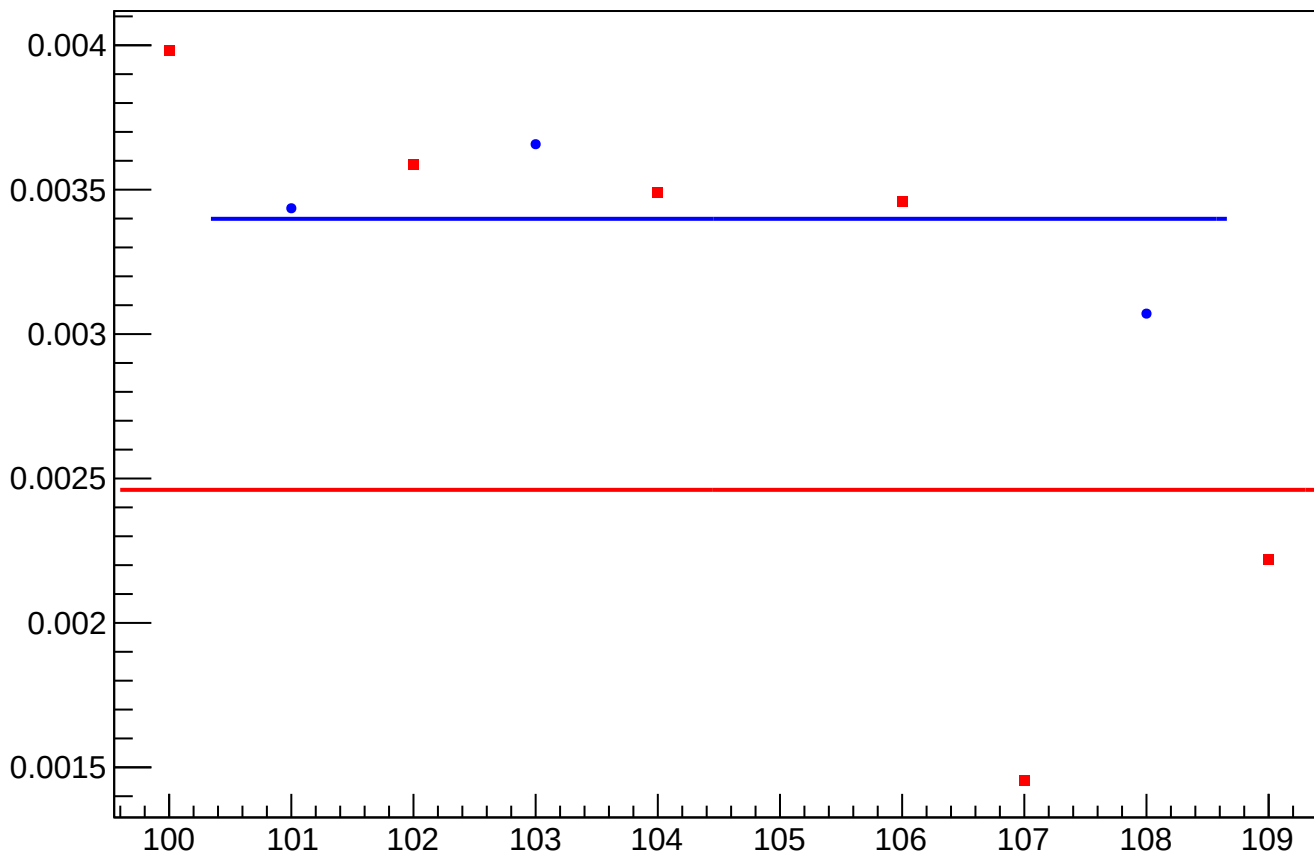
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 1.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 15192.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 531878.2/5

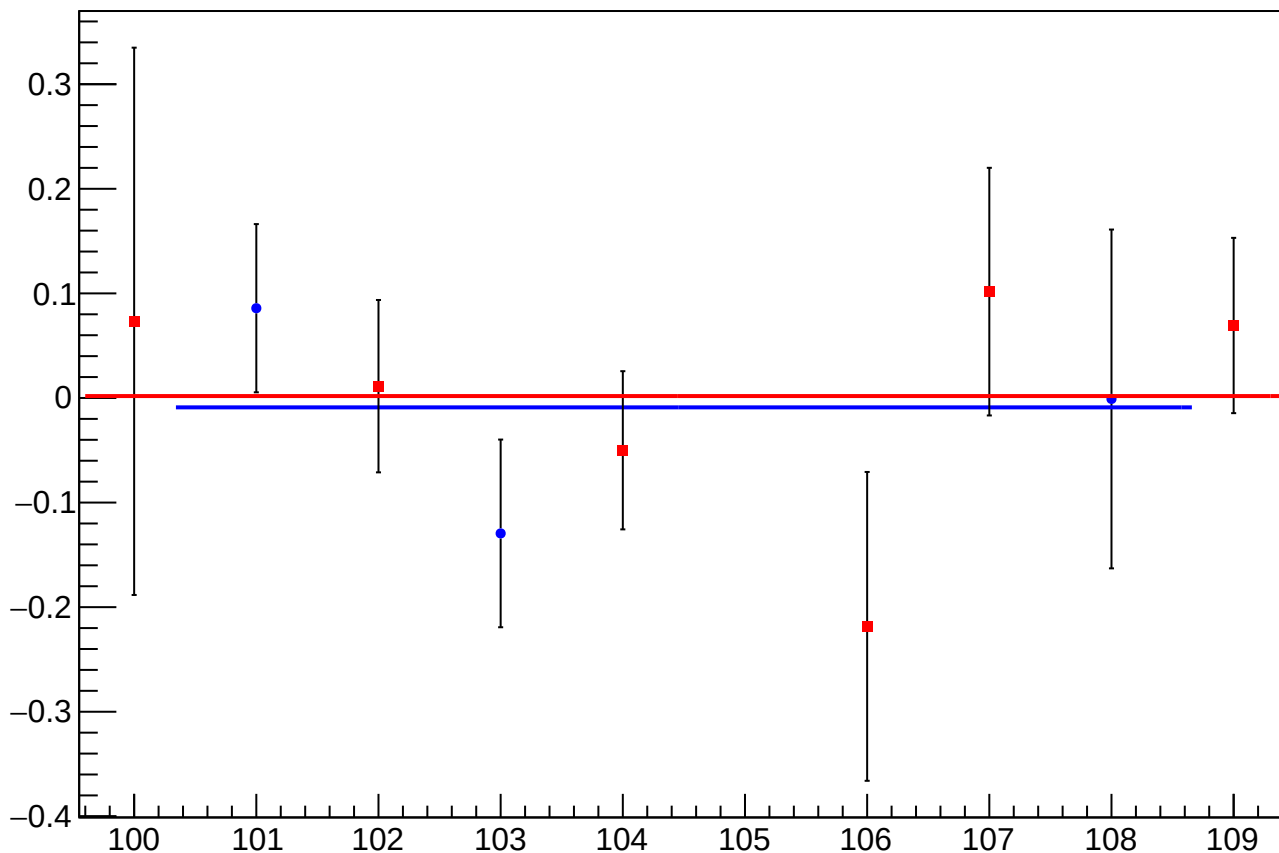
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 720999.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

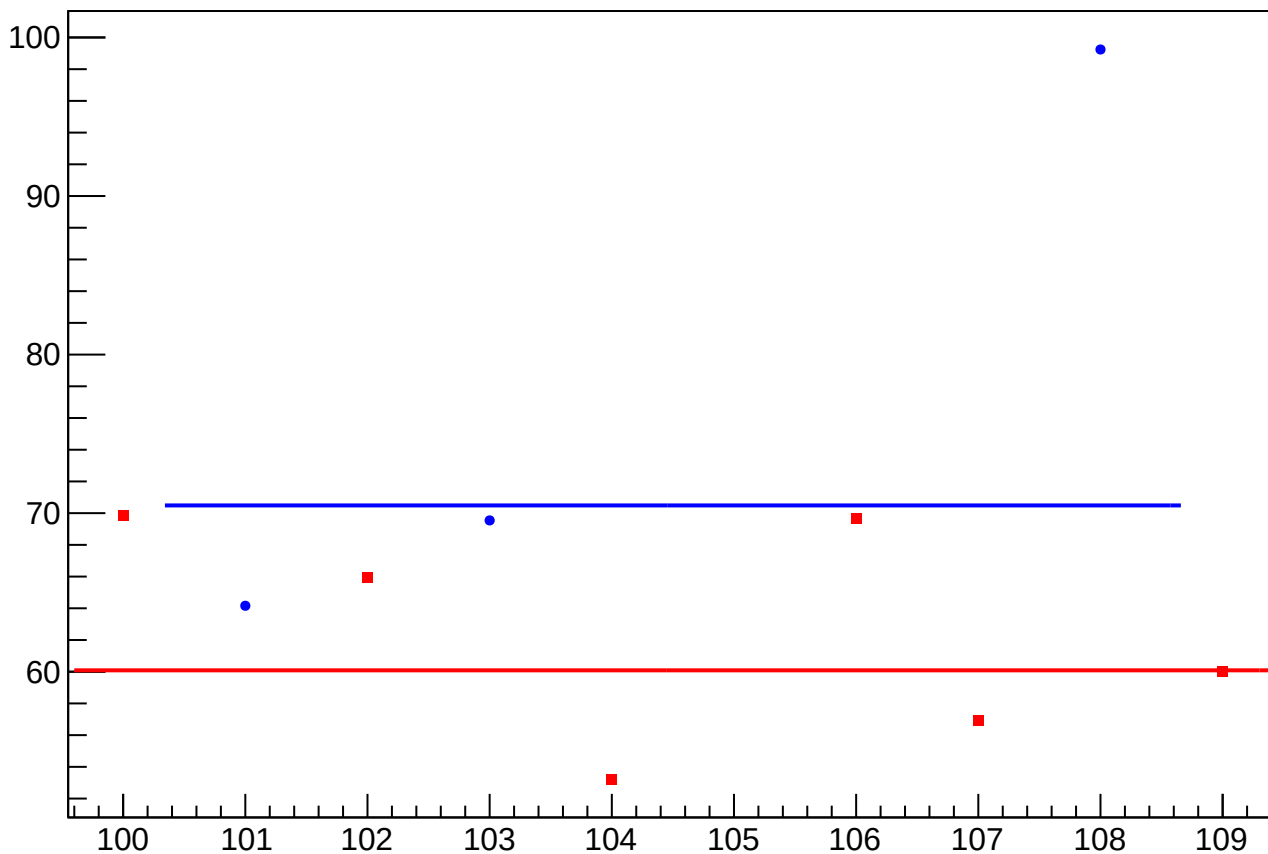
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.033 χ^2 /NDF: 7.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 70.488+/-0.040 χ^2/NDF : 75635.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.087+/-0.029 χ^2/NDF : 39331.8/5

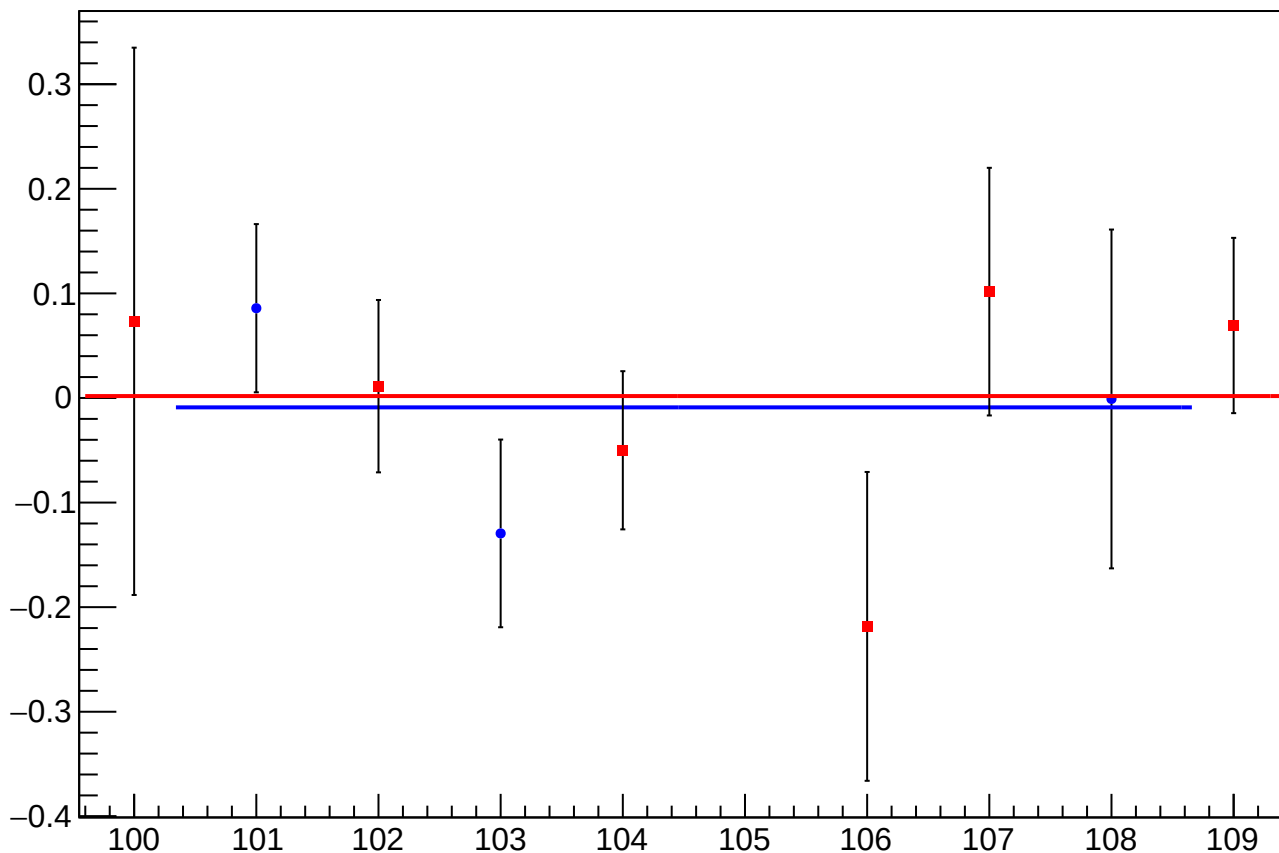
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.697+/-0.023 χ^2/NDF : 159741.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.056 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.041 χ^2 /NDF: 4.1/5

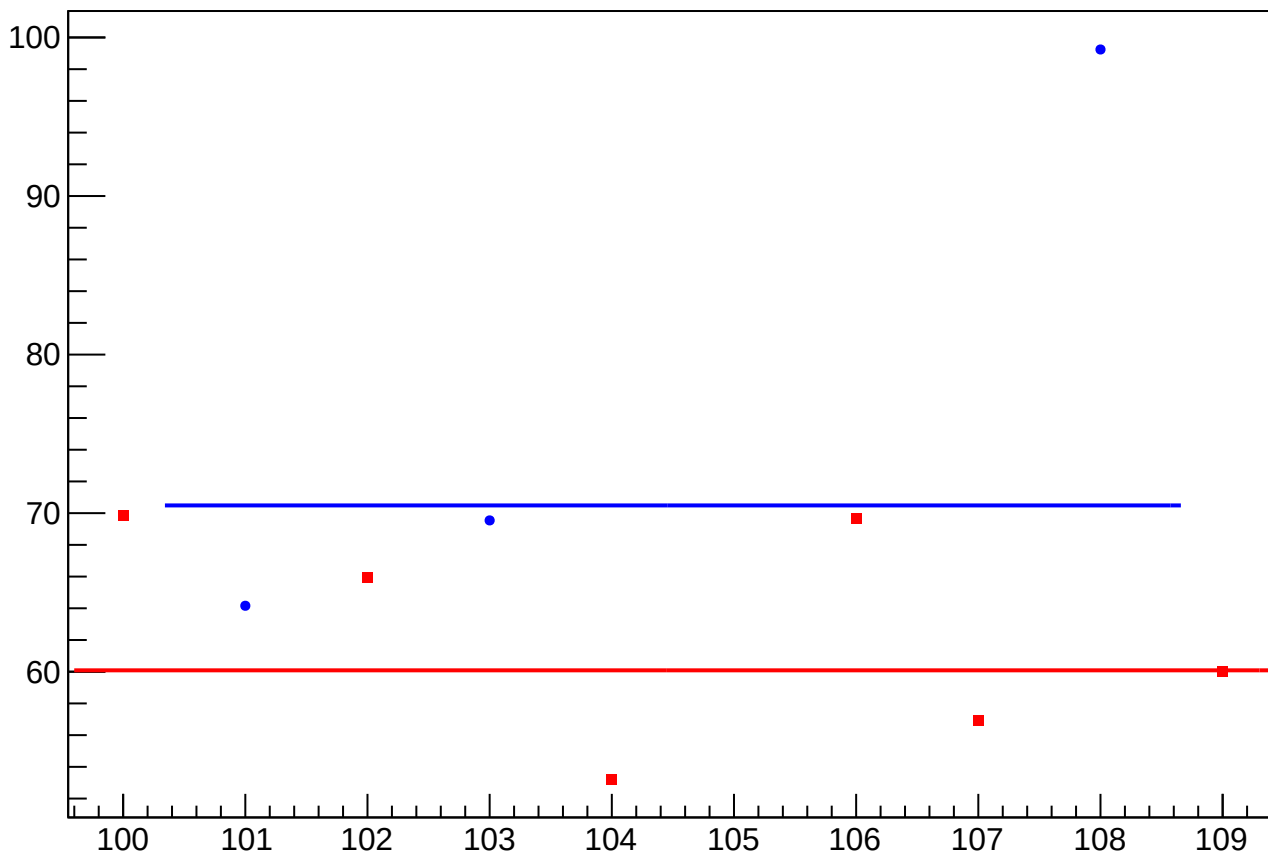
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.033 χ^2 /NDF: 7.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 70.488+/-0.040 χ^2/NDF : 75635.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.087+/-0.029 χ^2/NDF : 39331.8/5

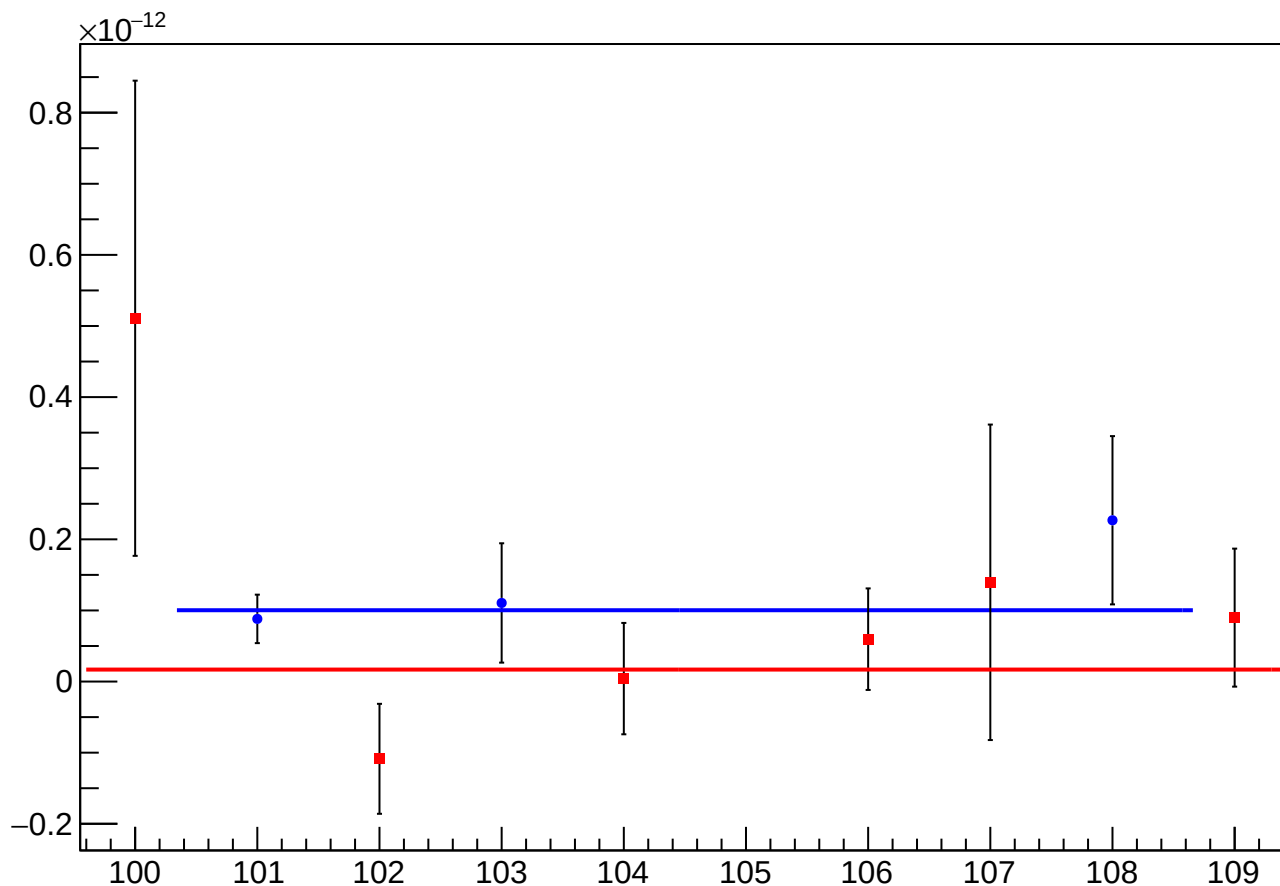
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.697+/-0.023 χ^2/NDF : 159741.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.1/5

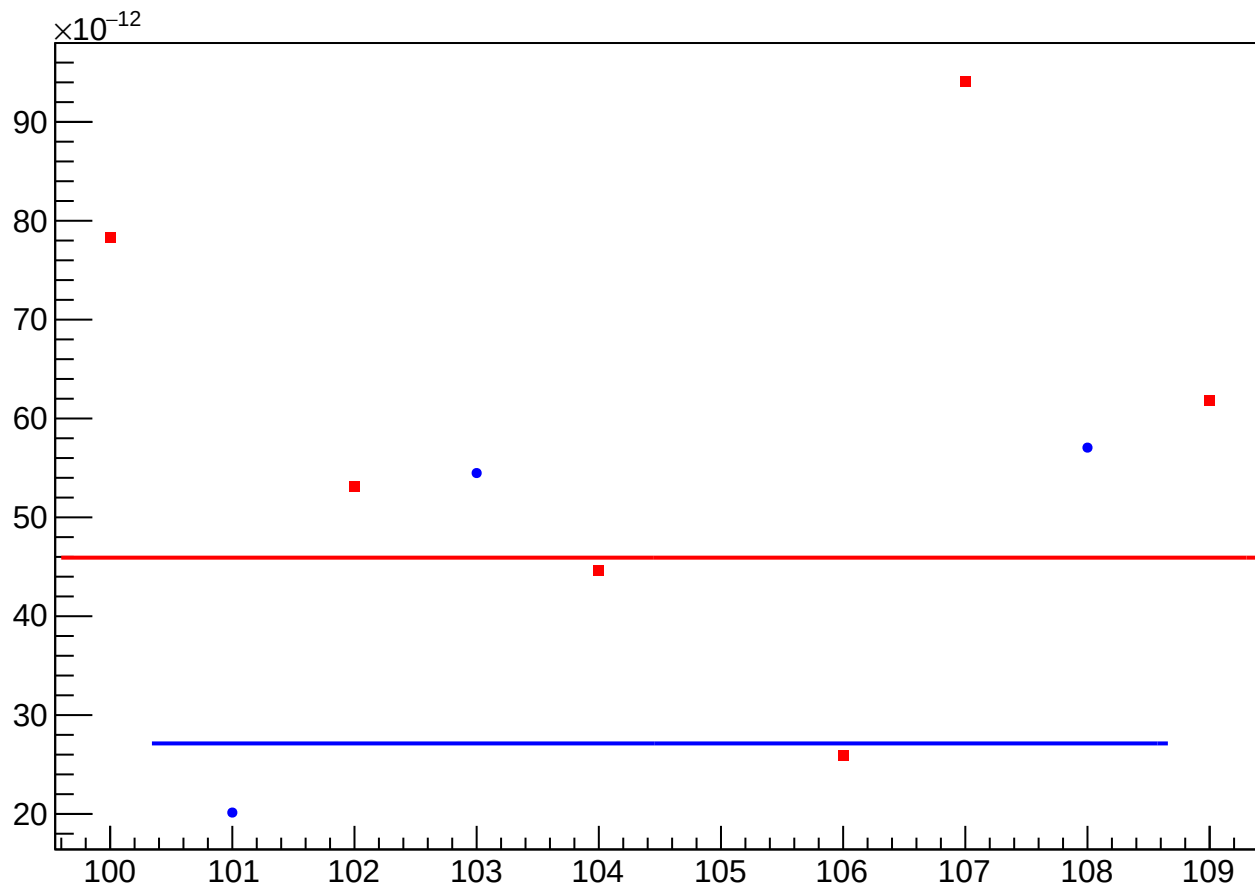
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 424560.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 342177.4/5

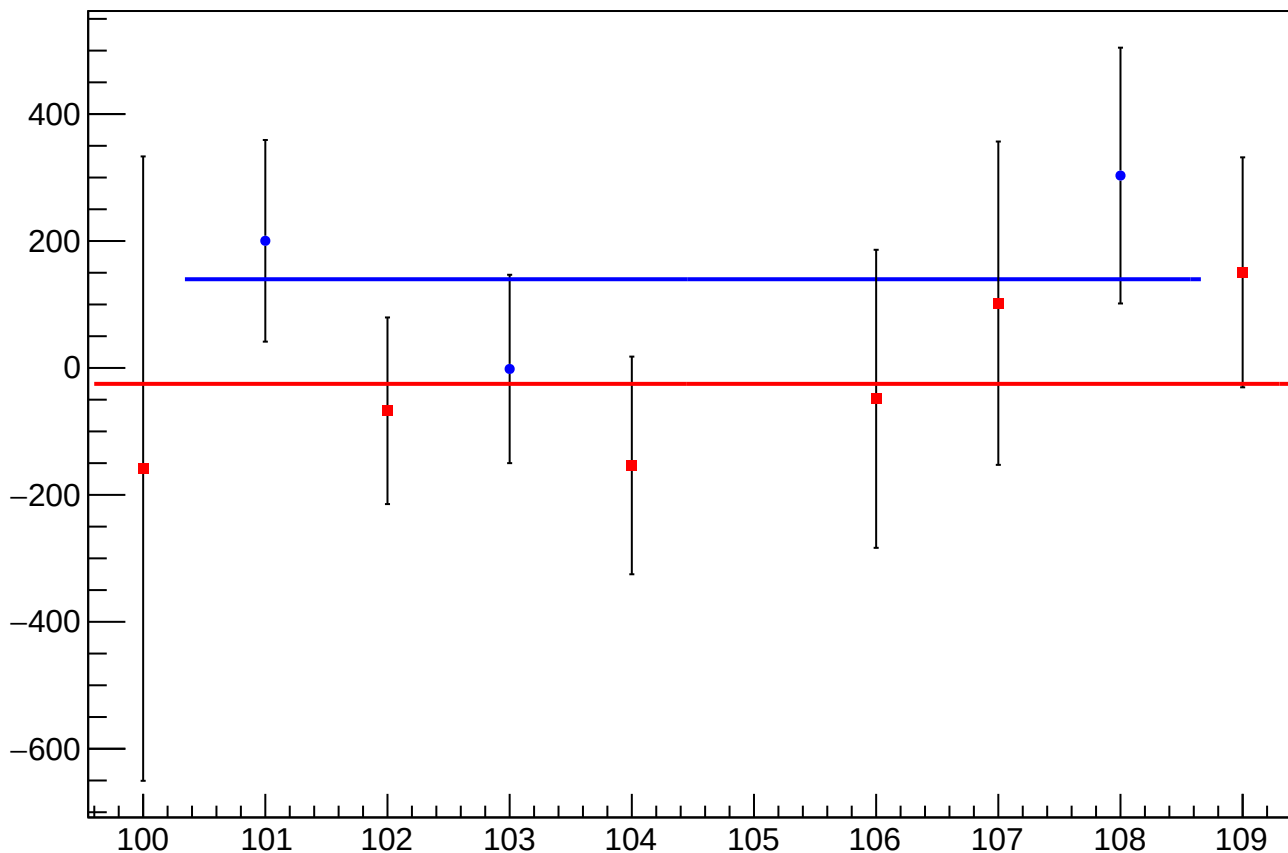
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1056030.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 139.773 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.073 $\pm$ 82.083 χ^2 /NDF: 1.9/5

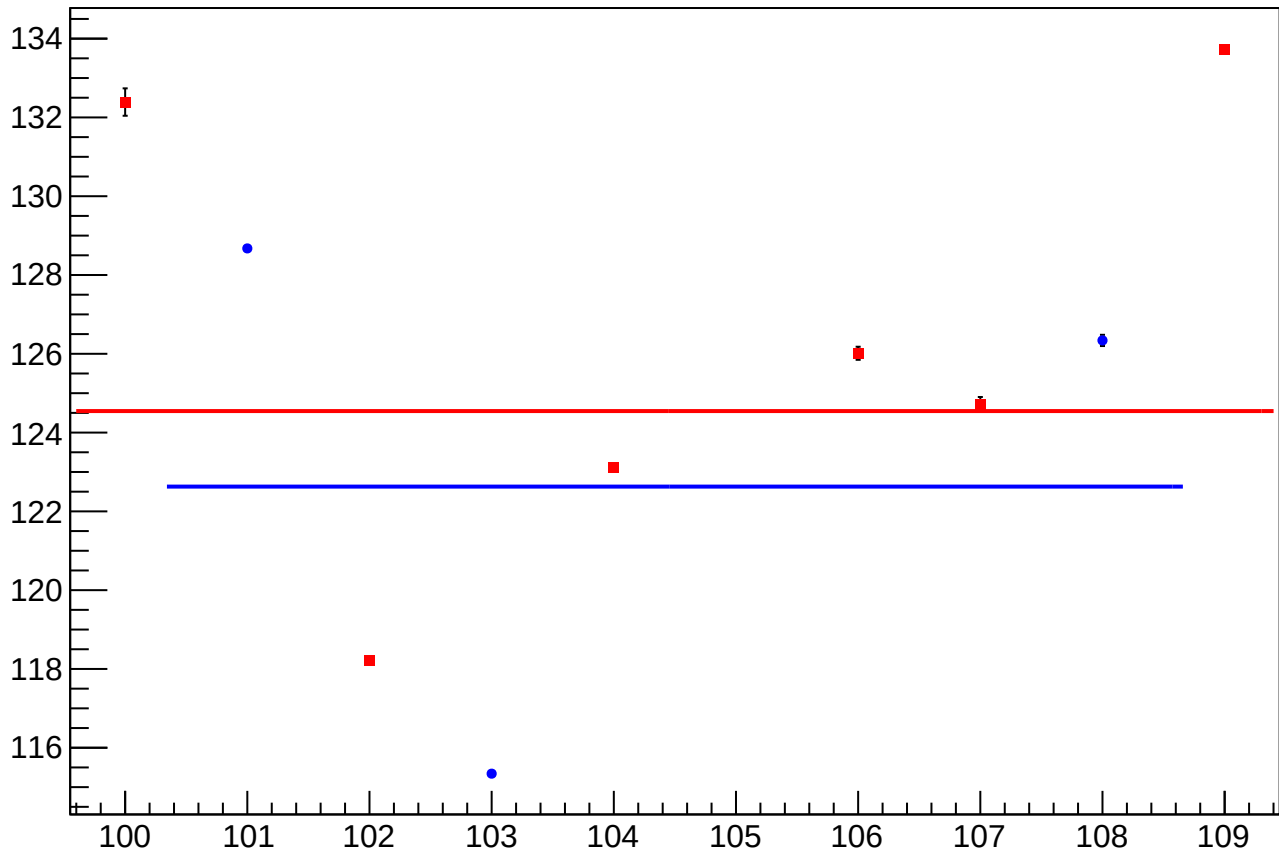
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.972 $\pm$ 62.247 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 122.629 $\pm$ 0.068 χ^2 /NDF: 8398.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.546 $\pm$ 0.058 χ^2 /NDF: 9552.3/5

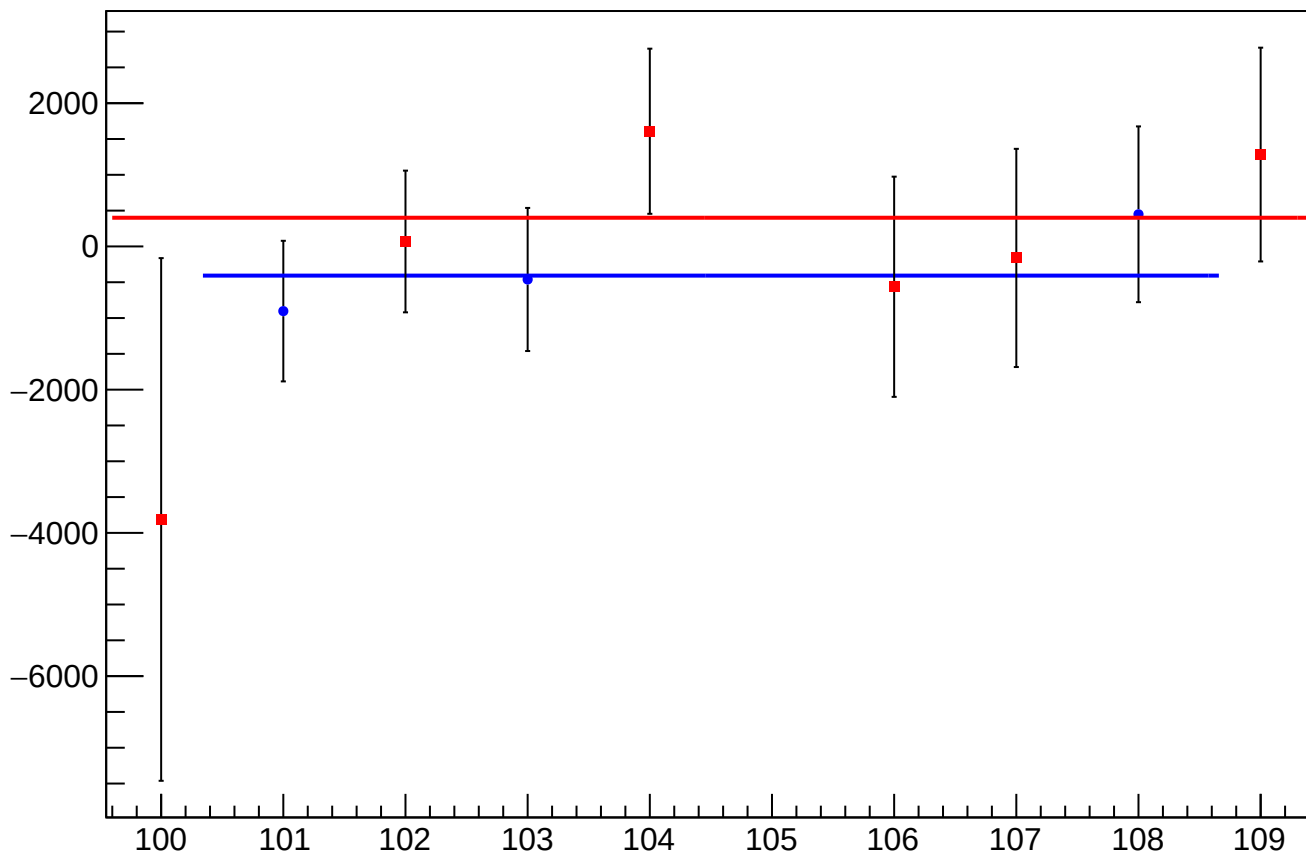
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.732 $\pm$ 0.044 χ^2 /NDF: 18414.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_mean vs Slug



Right In: -407.545+/-608.179 χ^2 /NDF: 0.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 400.505+/-563.272 χ^2 /NDF: 3.4/5

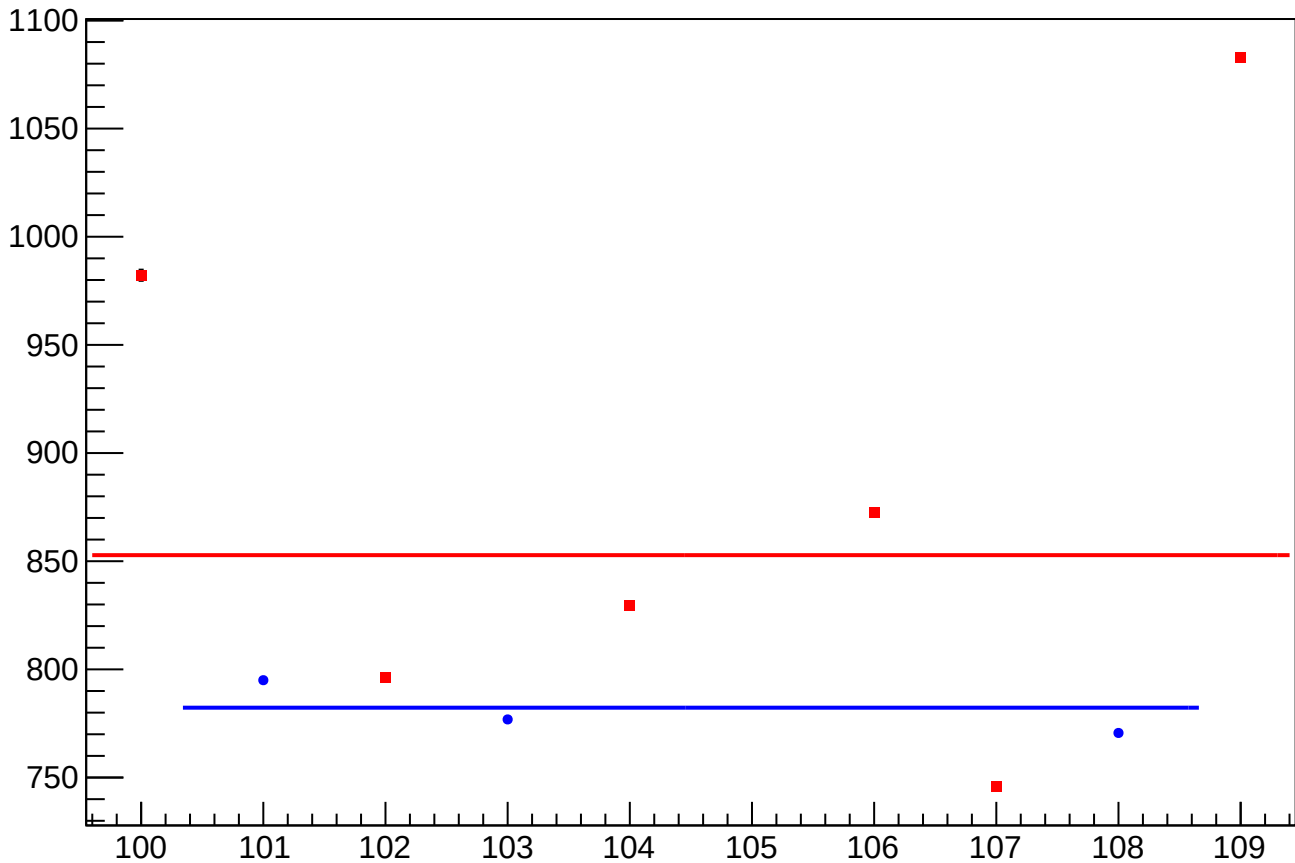
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 27.411+/-413.258 χ^2 /NDF: 5.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_rms vs Slug



Right In: 782.289 $\pm$ 0.430 χ^2 /NDF: 575.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 852.802 $\pm$ 0.398 χ^2 /NDF: 67478.4/5

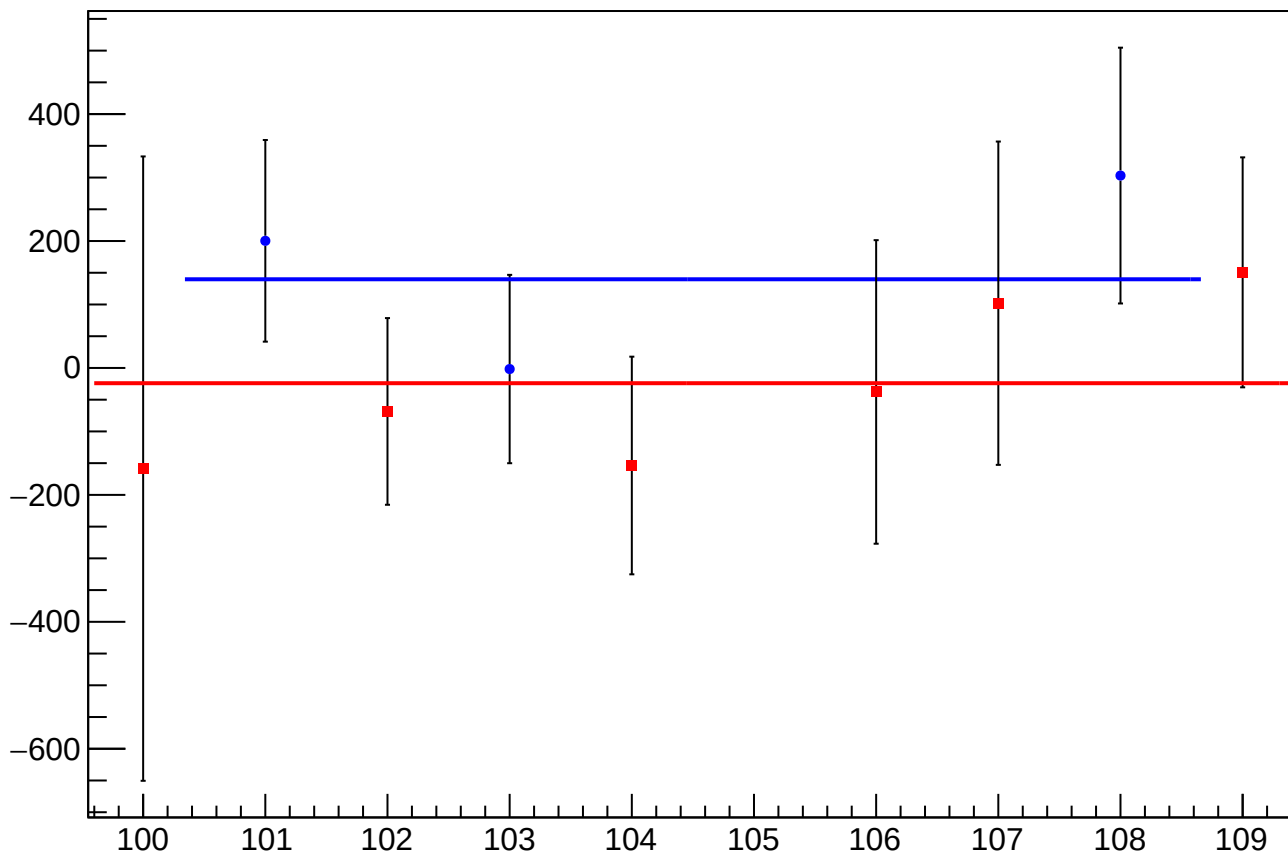
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 820.245 $\pm$ 0.292 χ^2 /NDF: 82525.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 139.730 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.023 $\pm$ 82.273 χ^2 /NDF: 1.9/5

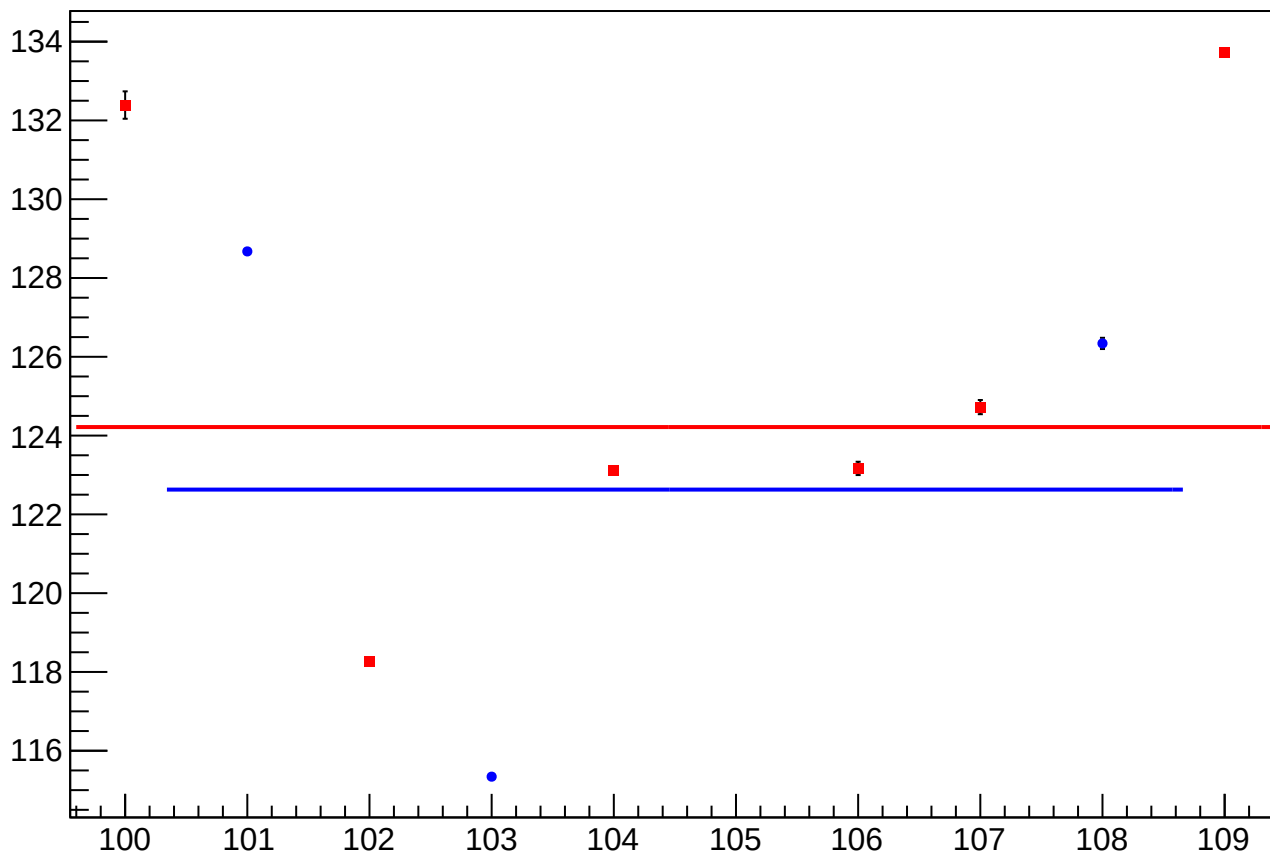
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.743 $\pm$ 62.330 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 122.629 $\pm$ 0.068 χ^2 /NDF: 8398.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.217 $\pm$ 0.058 χ^2 /NDF: 9460.6/5

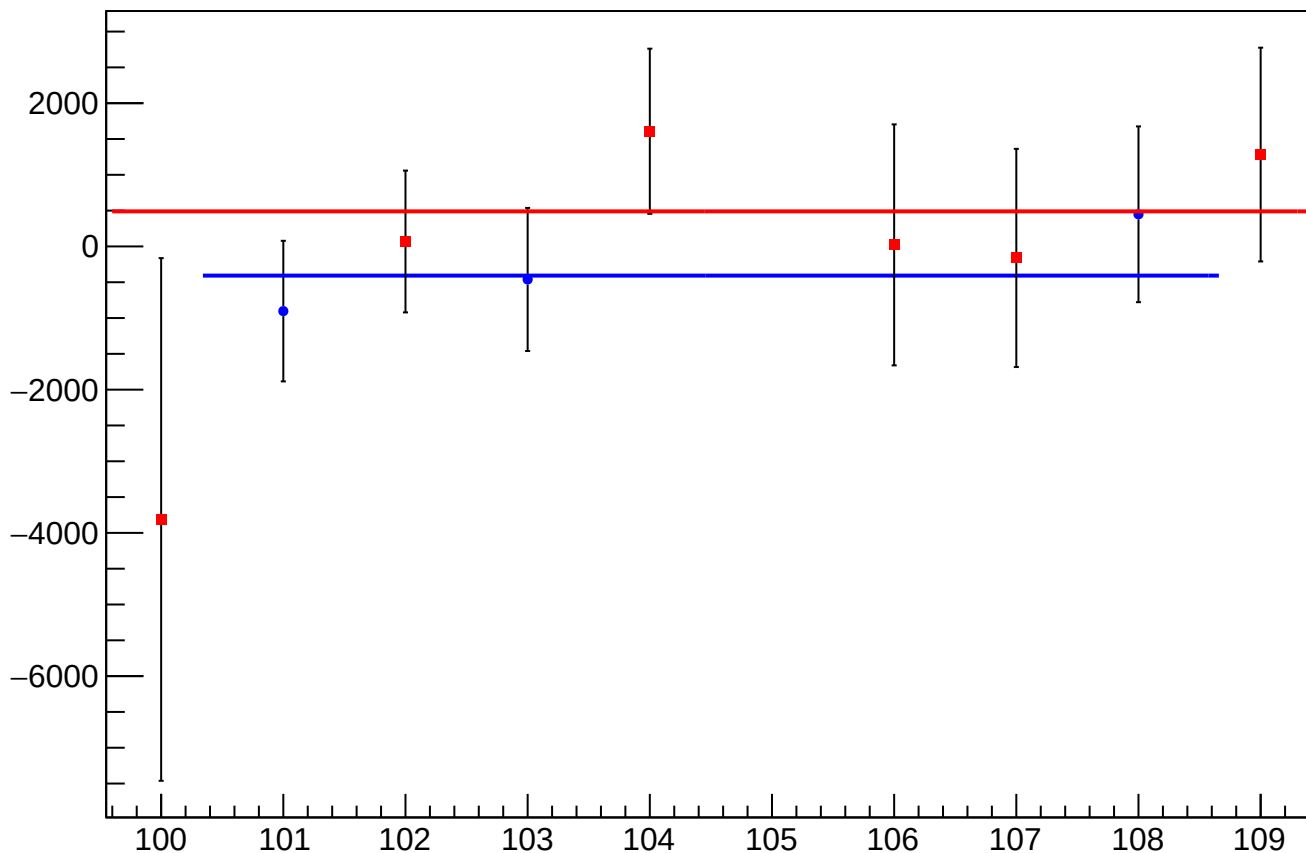
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.540 $\pm$ 0.044 χ^2 /NDF: 18175.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_mean vs Slug



Right In: -407.471+/-608.186 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.466+/-569.742 χ^2/NDF : 3.1/5

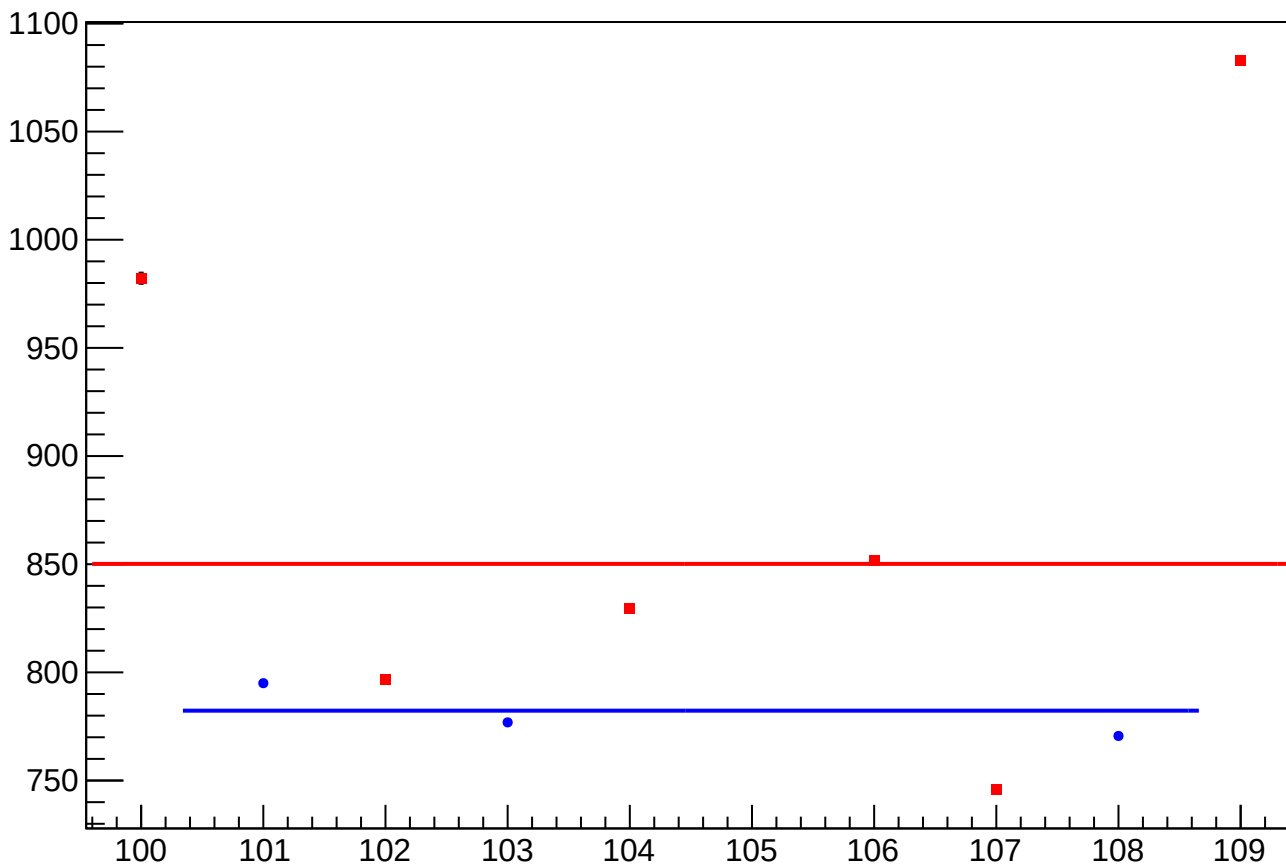
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.239+/-415.795 χ^2/NDF : 5.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 782.297 $\pm$ 0.430 χ^2 /NDF: 575.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 850.147 $\pm$ 0.403 χ^2 /NDF: 66977.5/5

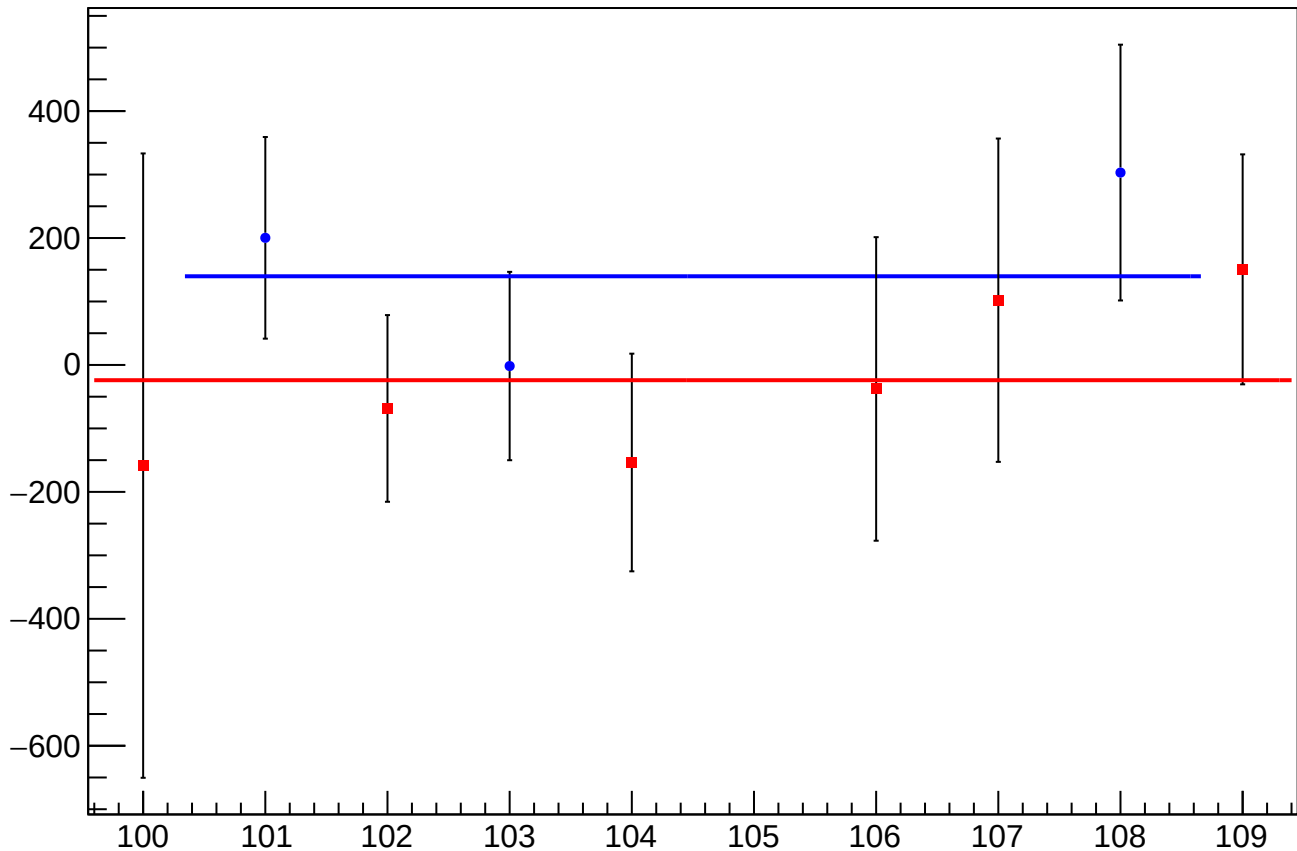
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 818.434 $\pm$ 0.294 χ^2 /NDF: 80809.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 139.730 $\pm$ 95.492 χ^2 /NDF: 1.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.023 $\pm$ 82.273 χ^2 /NDF: 1.9/5

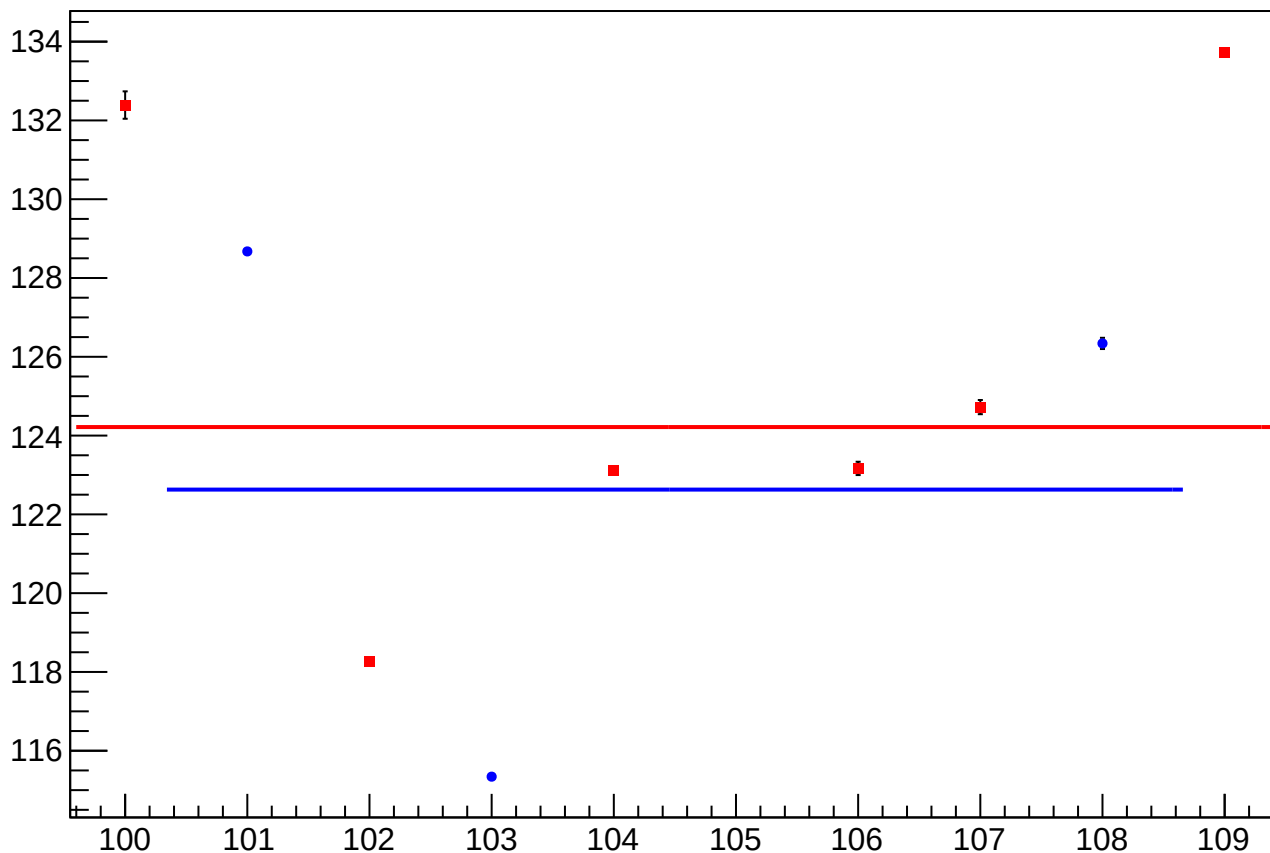
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 45.743 $\pm$ 62.330 χ^2 /NDF: 5.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 122.629 $\pm$ 0.068 χ^2 /NDF: 8398.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 124.217 $\pm$ 0.058 χ^2 /NDF: 9460.6/5

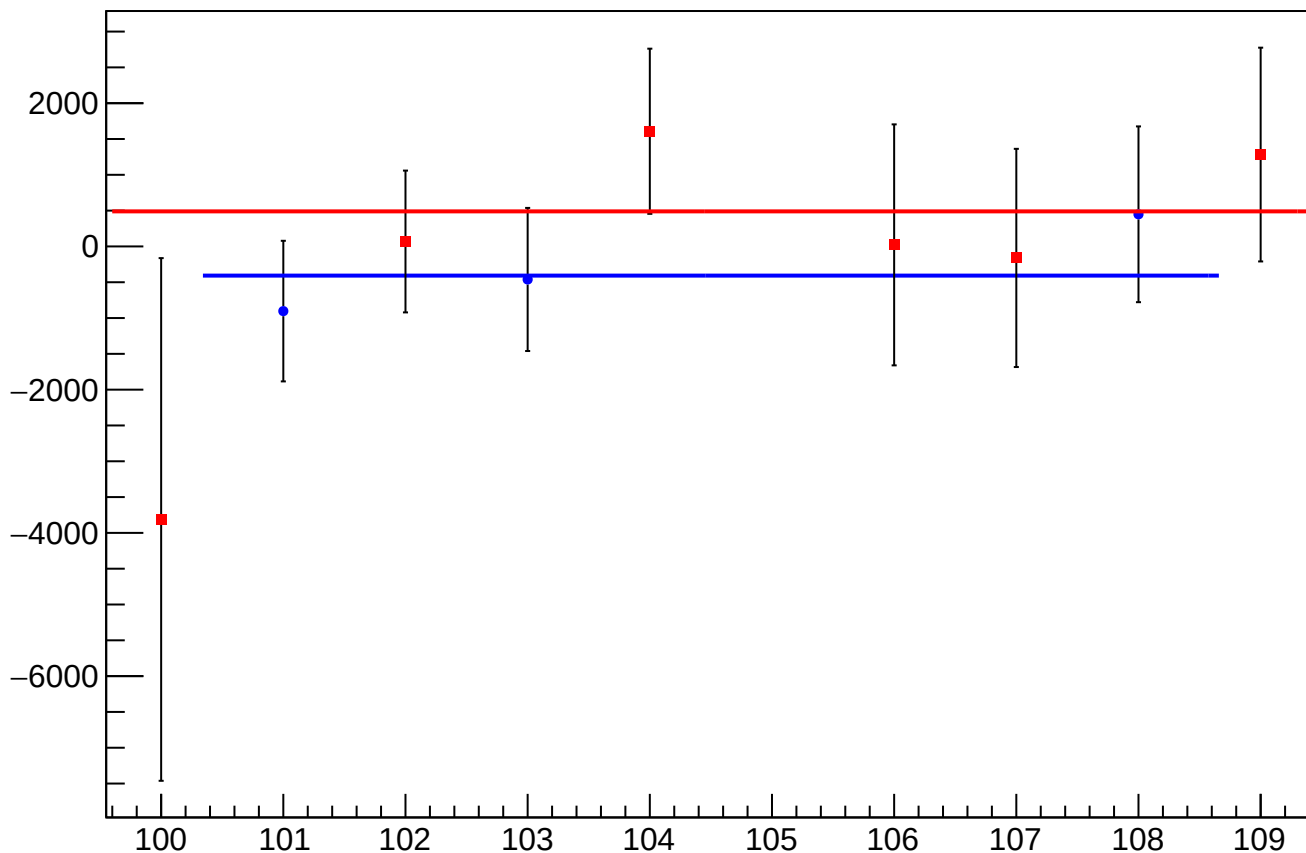
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.540 $\pm$ 0.044 χ^2 /NDF: 18175.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug



Right In: -407.471+/-608.186 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 489.466+/-569.742 χ^2/NDF : 3.1/5

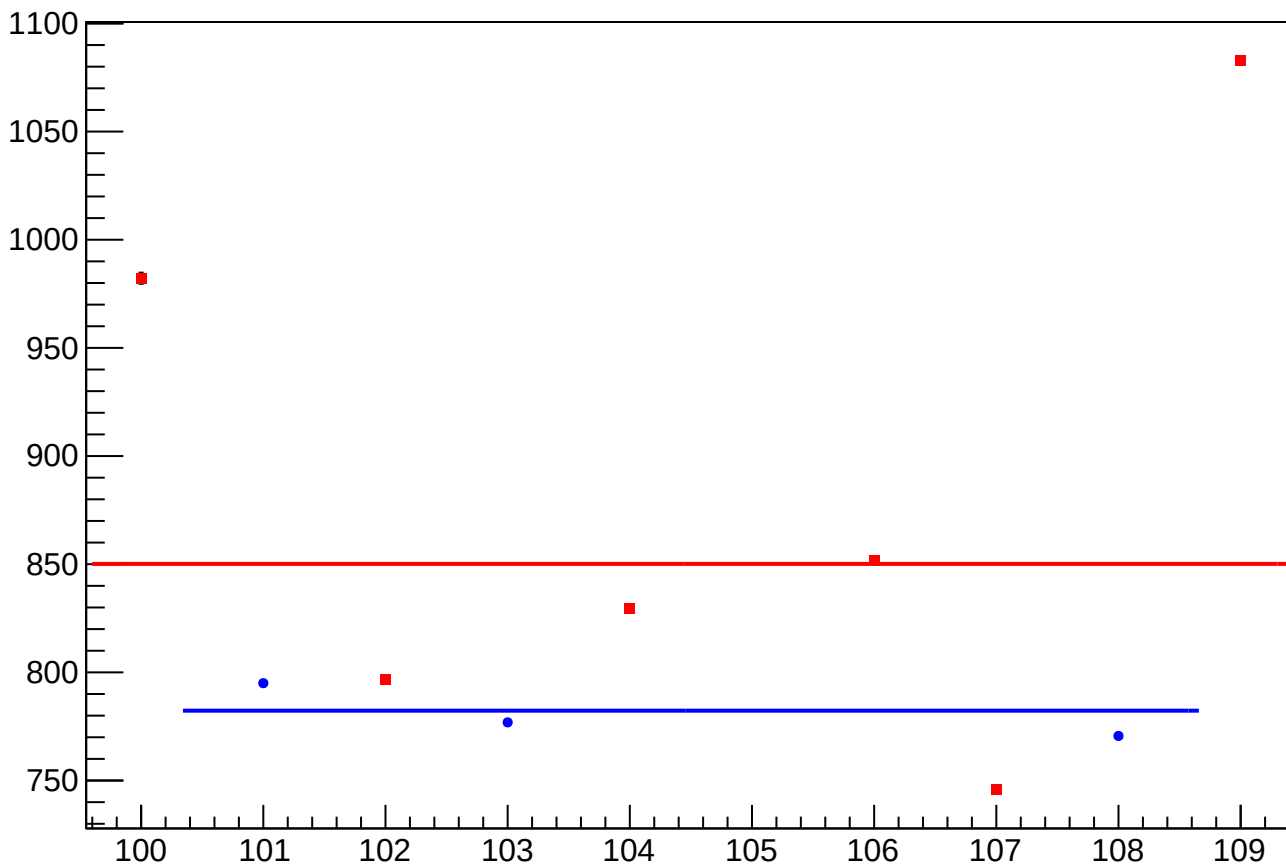
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.239+/-415.795 χ^2/NDF : 5.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug



Right In: 782.297 $\pm$ 0.430 χ^2 /NDF: 575.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 850.147 $\pm$ 0.403 χ^2 /NDF: 66977.5/5

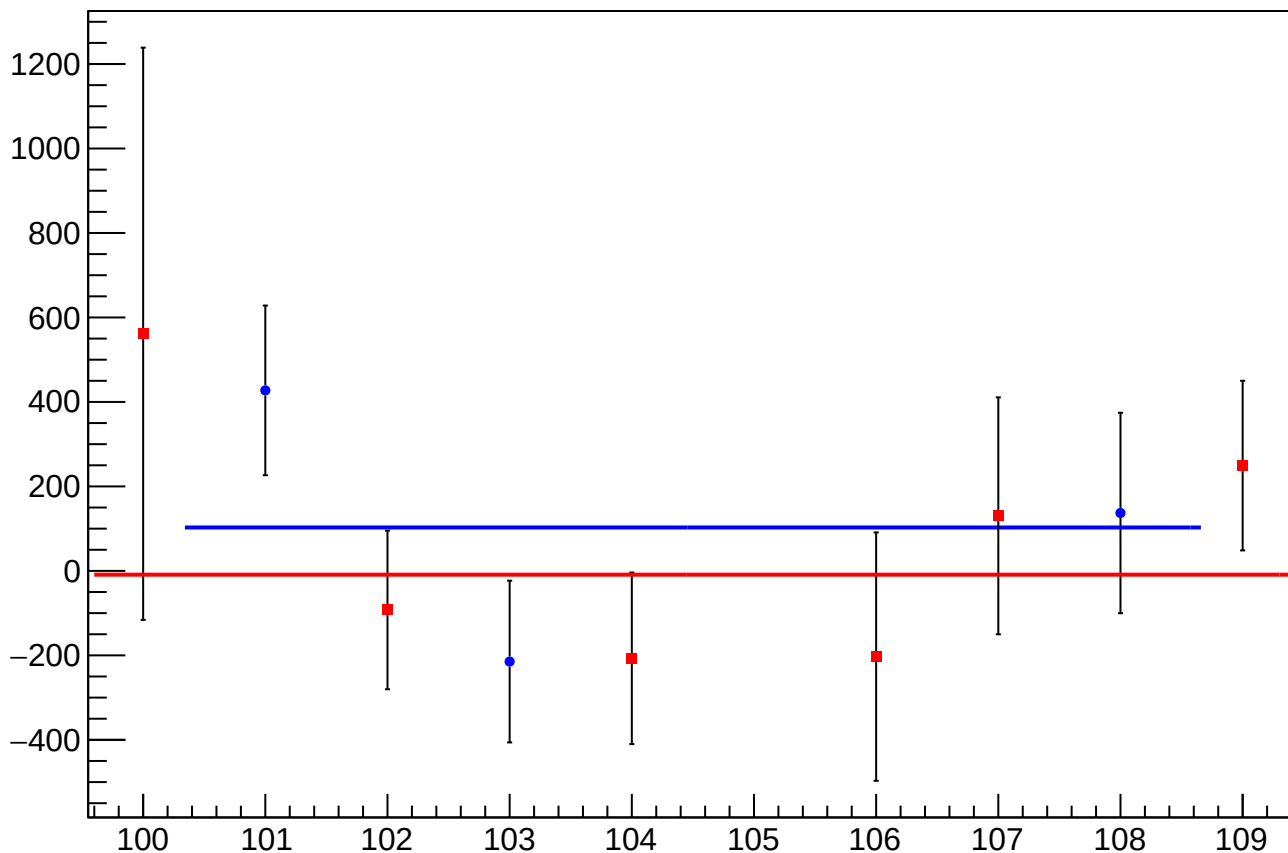
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 818.434 $\pm$ 0.294 χ^2 /NDF: 80809.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 102.751 $\pm$ 119.664 χ^2 /NDF: 5.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.946 $\pm$ 98.117 χ^2 /NDF: 4.2/5

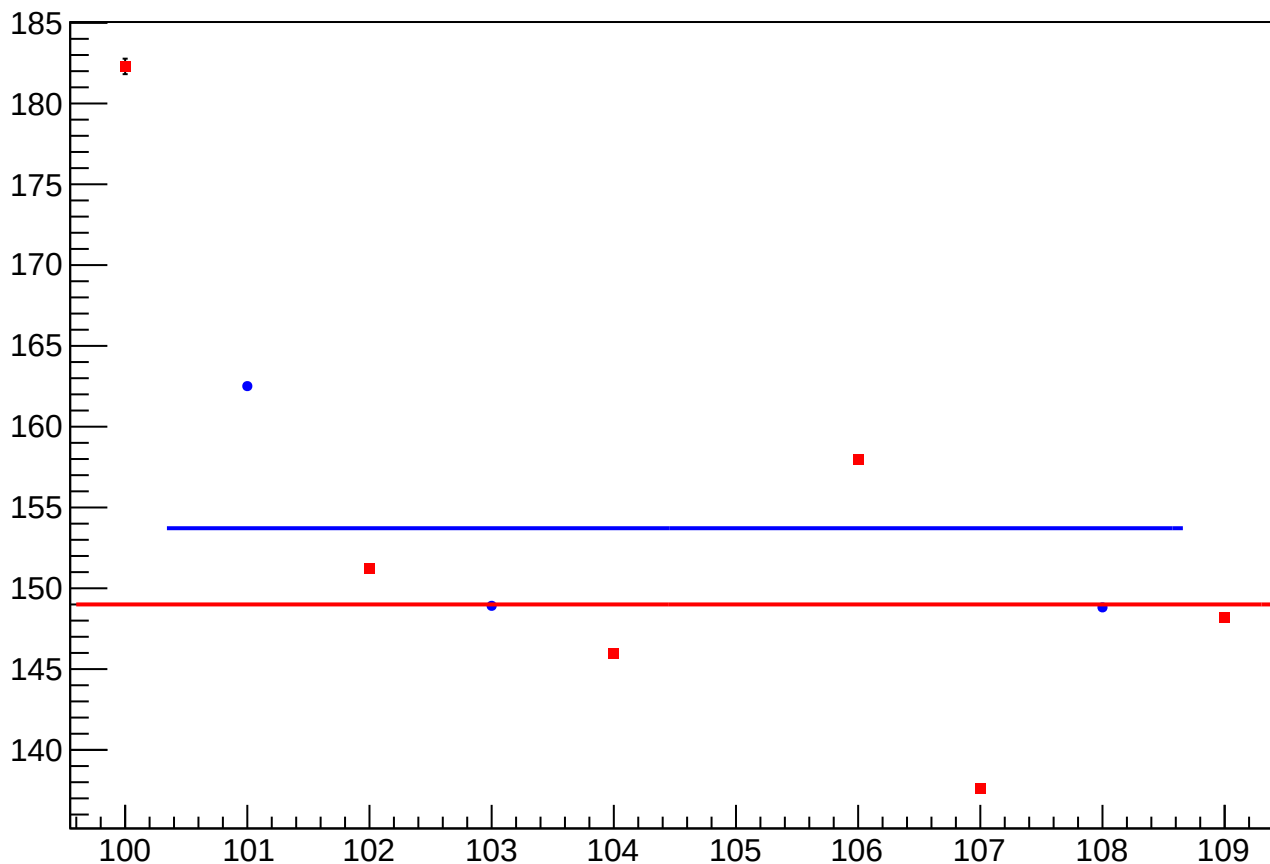
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.958 $\pm$ 75.873 χ^2 /NDF: 10.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 153.717 $\pm$ 0.085 χ^2 /NDF: 5945.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.001 $\pm$ 0.069 χ^2 /NDF: 10766.2/5

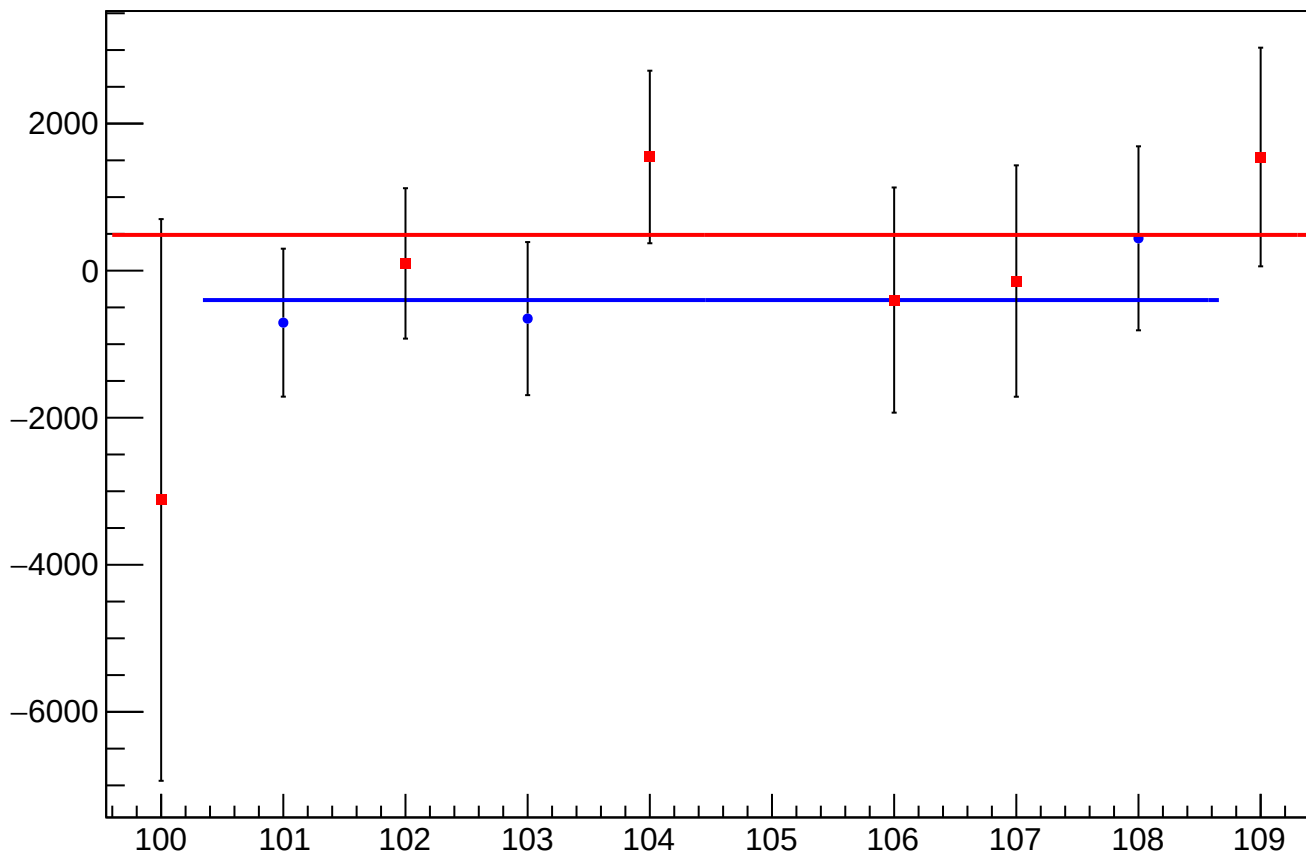
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.897 $\pm$ 0.054 χ^2 /NDF: 18569.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_mean vs Slug



Right In: -400.081 ± 626.255 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 485.992 ± 574.112 χ^2/NDF : 2.9/5

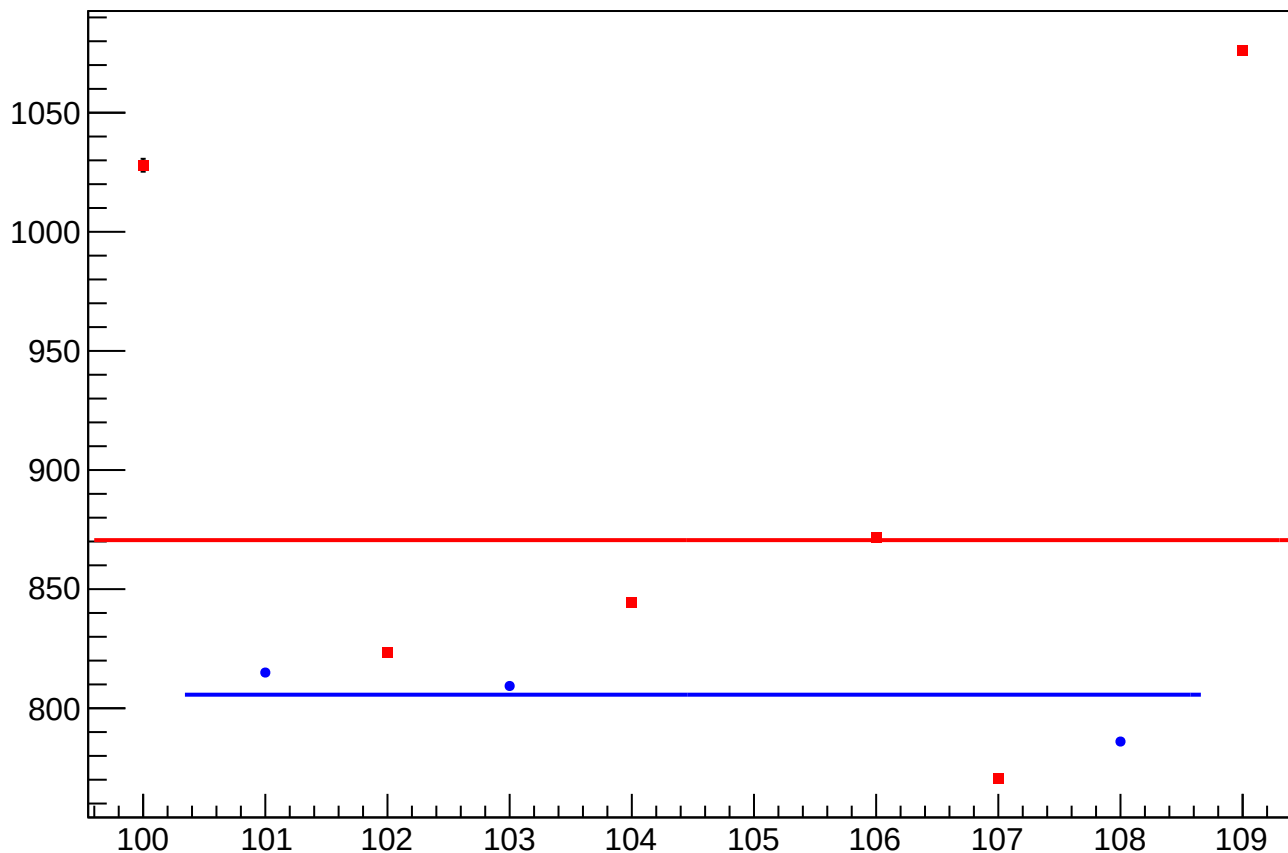
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 81.373 ± 423.194 χ^2/NDF : 4.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 805.692 $\pm$ 0.443 χ^2 /NDF: 689.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 870.576 $\pm$ 0.406 χ^2 /NDF: 54952.4/5

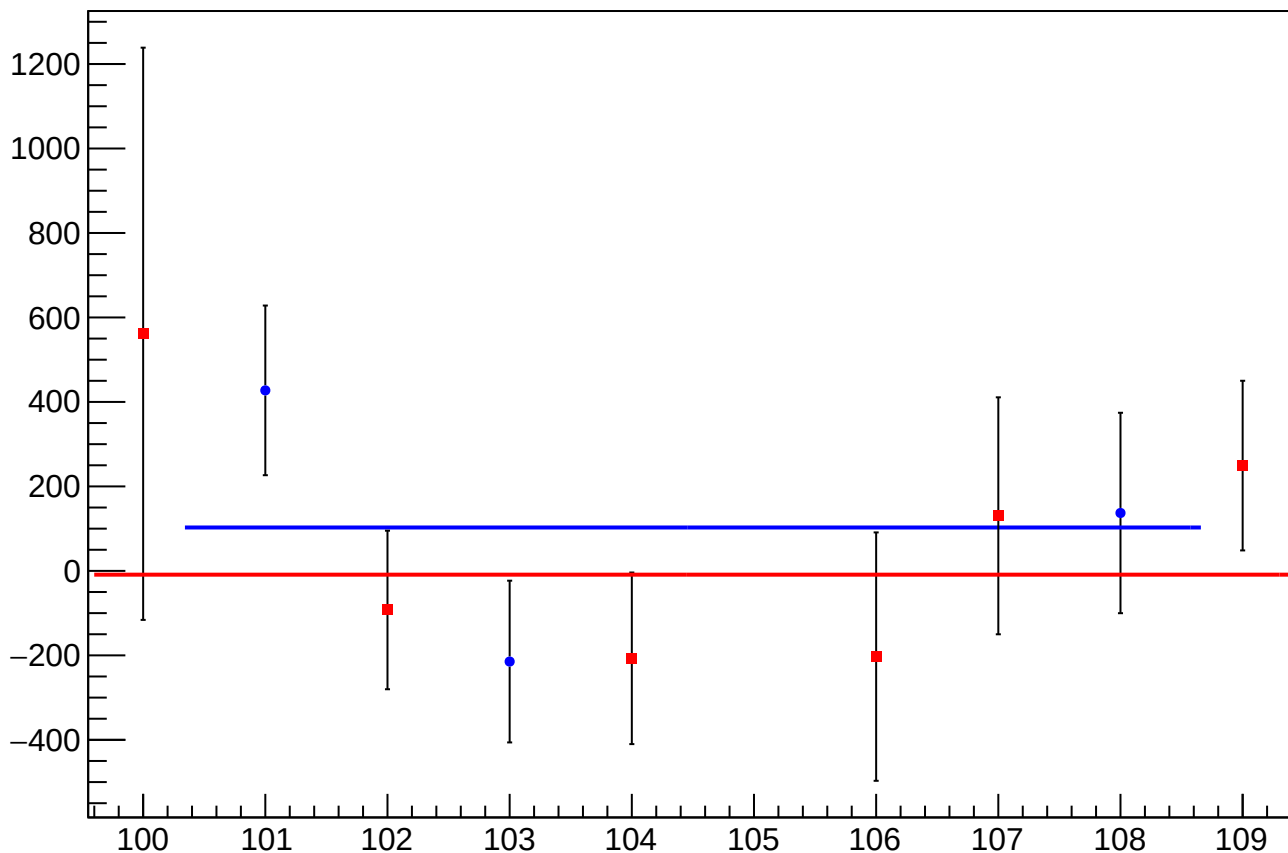
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 840.947 $\pm$ 0.299 χ^2 /NDF: 67306.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 102.747 $\pm$ 119.664 χ^2 /NDF: 5.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.949 $\pm$ 98.116 χ^2 /NDF: 4.2/5

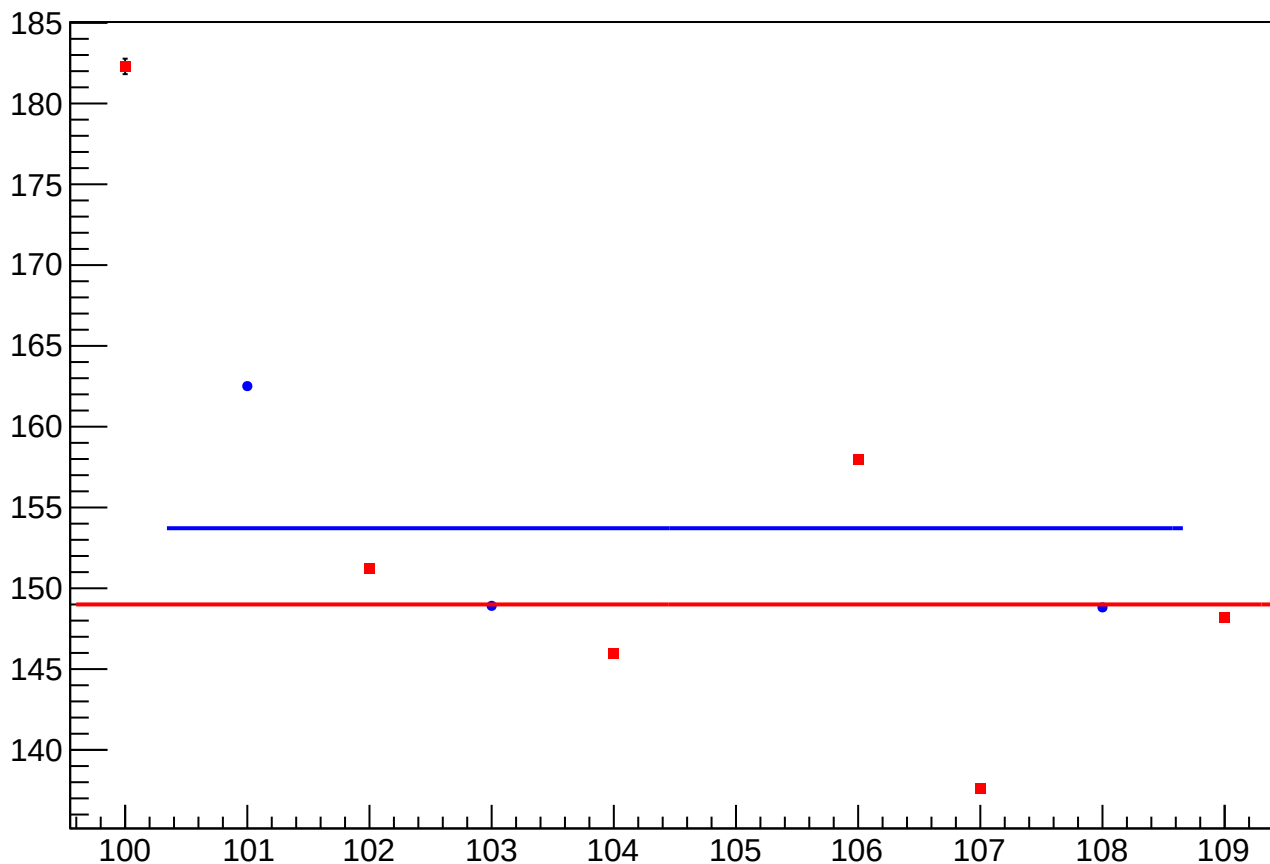
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.955 $\pm$ 75.873 χ^2 /NDF: 10.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 153.717 $\pm$ 0.085 χ^2 /NDF: 5945.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 149.001 $\pm$ 0.069 χ^2 /NDF: 10766.1/5

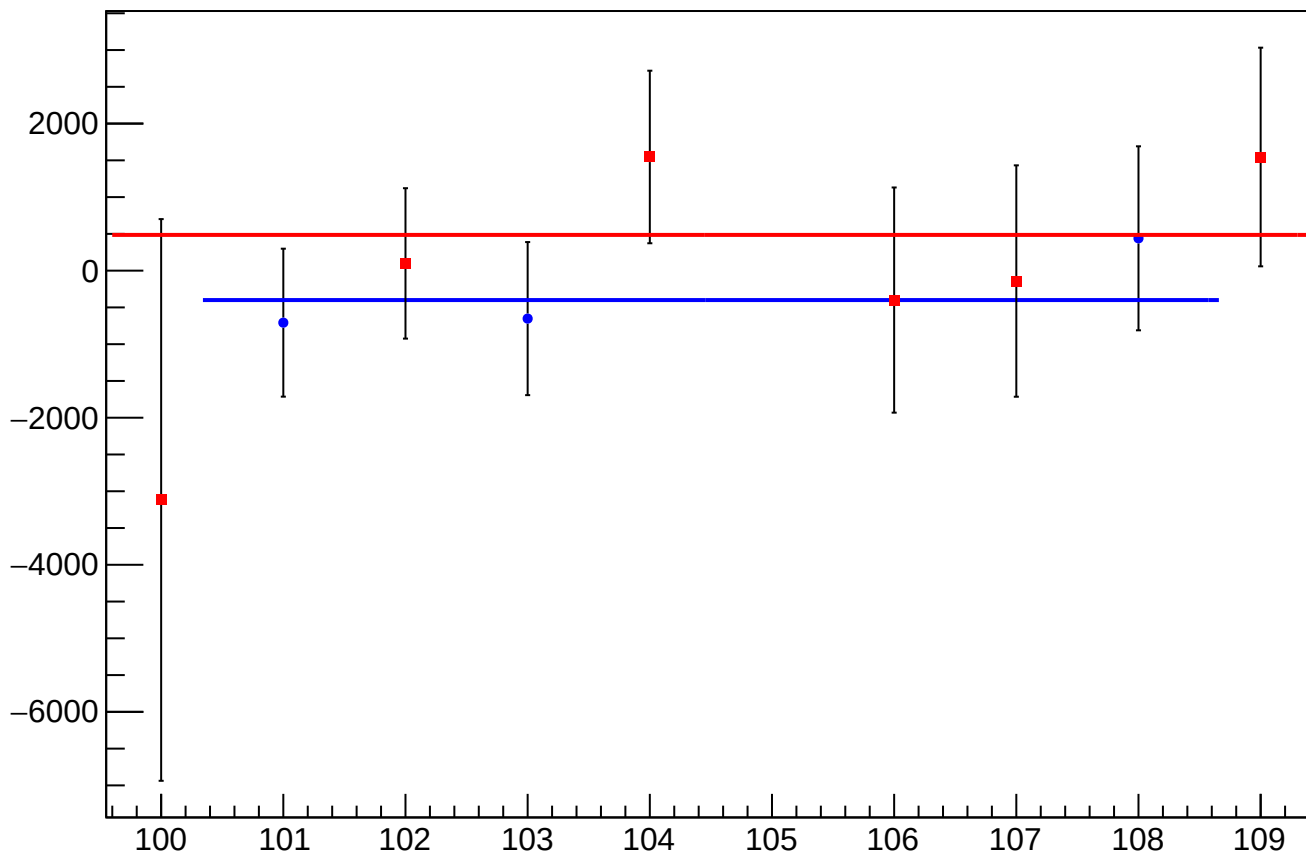
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150.897 $\pm$ 0.054 χ^2 /NDF: 18569.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug



Right In: -400.085 ± 626.254 χ^2/NDF : 0.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 485.991 ± 574.111 χ^2/NDF : 2.9/5

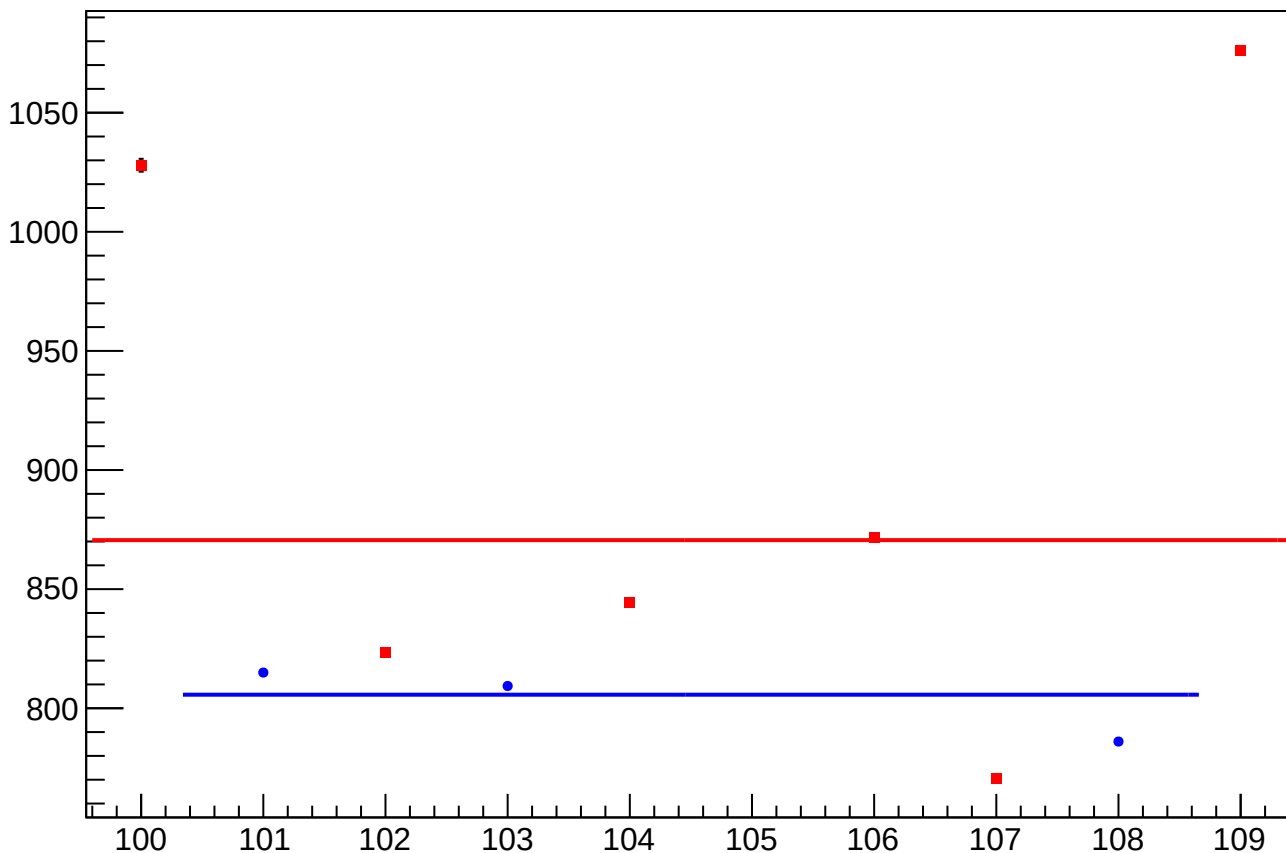
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 81.371 ± 423.193 χ^2/NDF : 4.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug



Right In: 805.690 $\pm$ 0.443 χ^2 /NDF: 689.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 870.573 $\pm$ 0.406 χ^2 /NDF: 54952.6/5

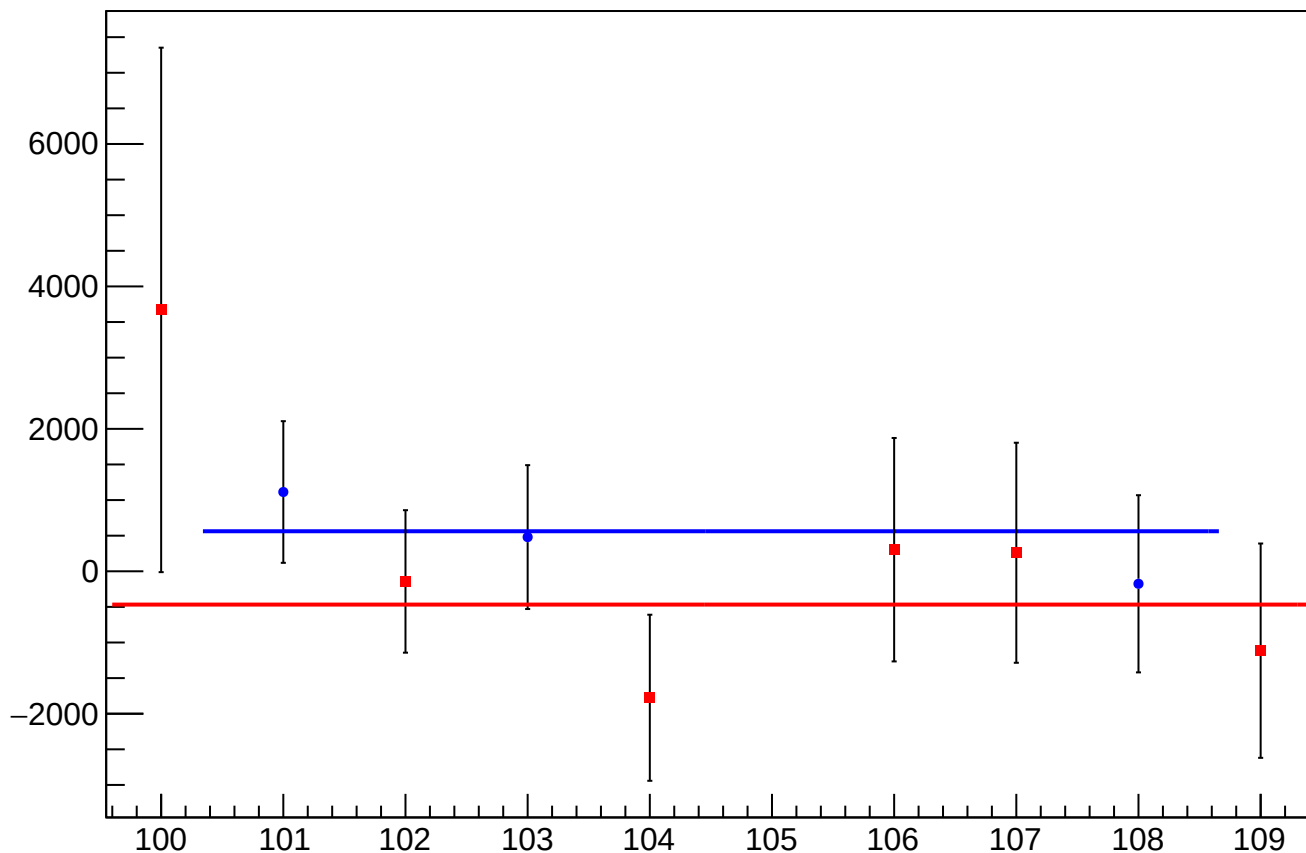
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 840.945 $\pm$ 0.299 χ^2 /NDF: 67307.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 562.190 $\pm$ 615.789 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -467.592 $\pm$ 570.220 χ^2 /NDF: 3.3/5

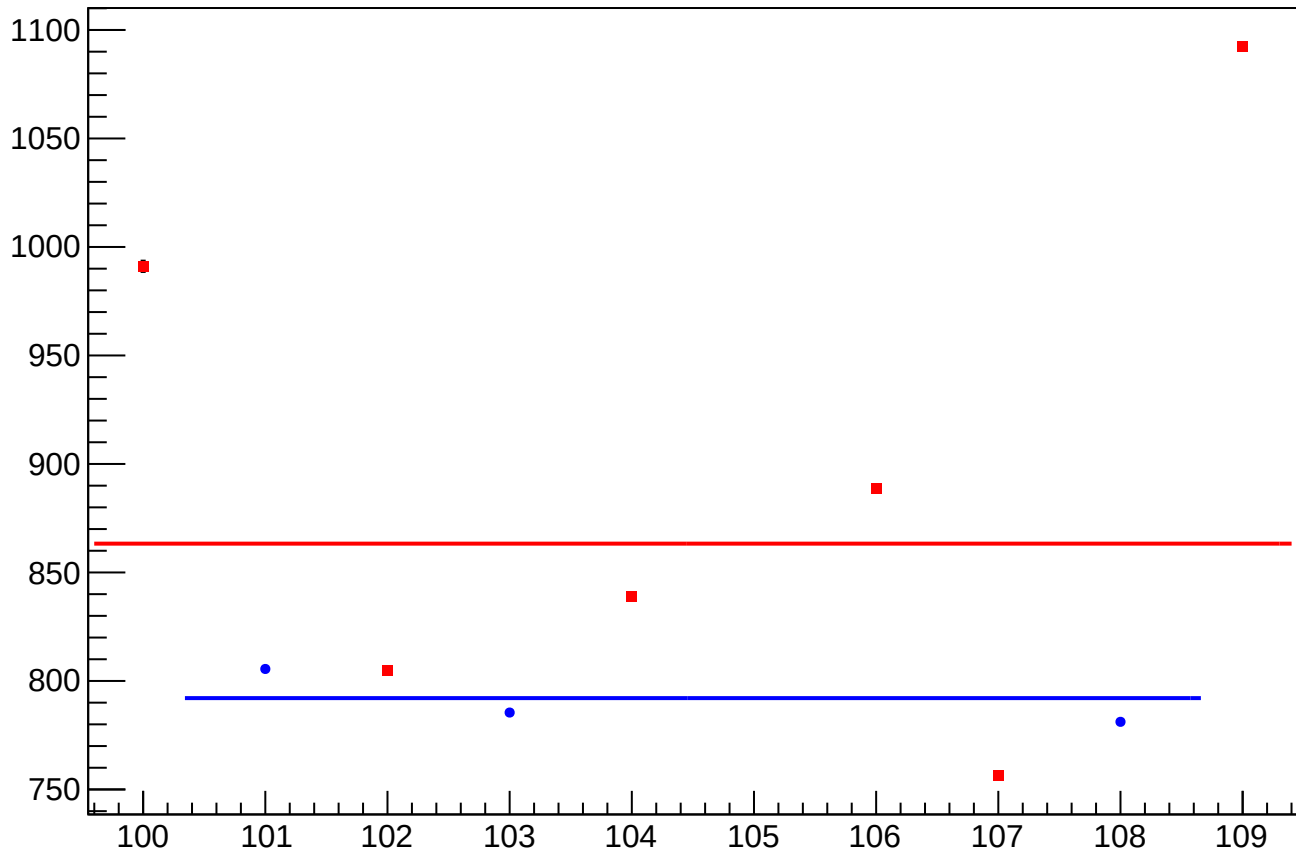
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.791 $\pm$ 418.390 χ^2 /NDF: 5.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 792.093 $\pm$ 0.435 χ^2 /NDF: 606.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 863.280 $\pm$ 0.403 χ^2 /NDF: 66405.1/5

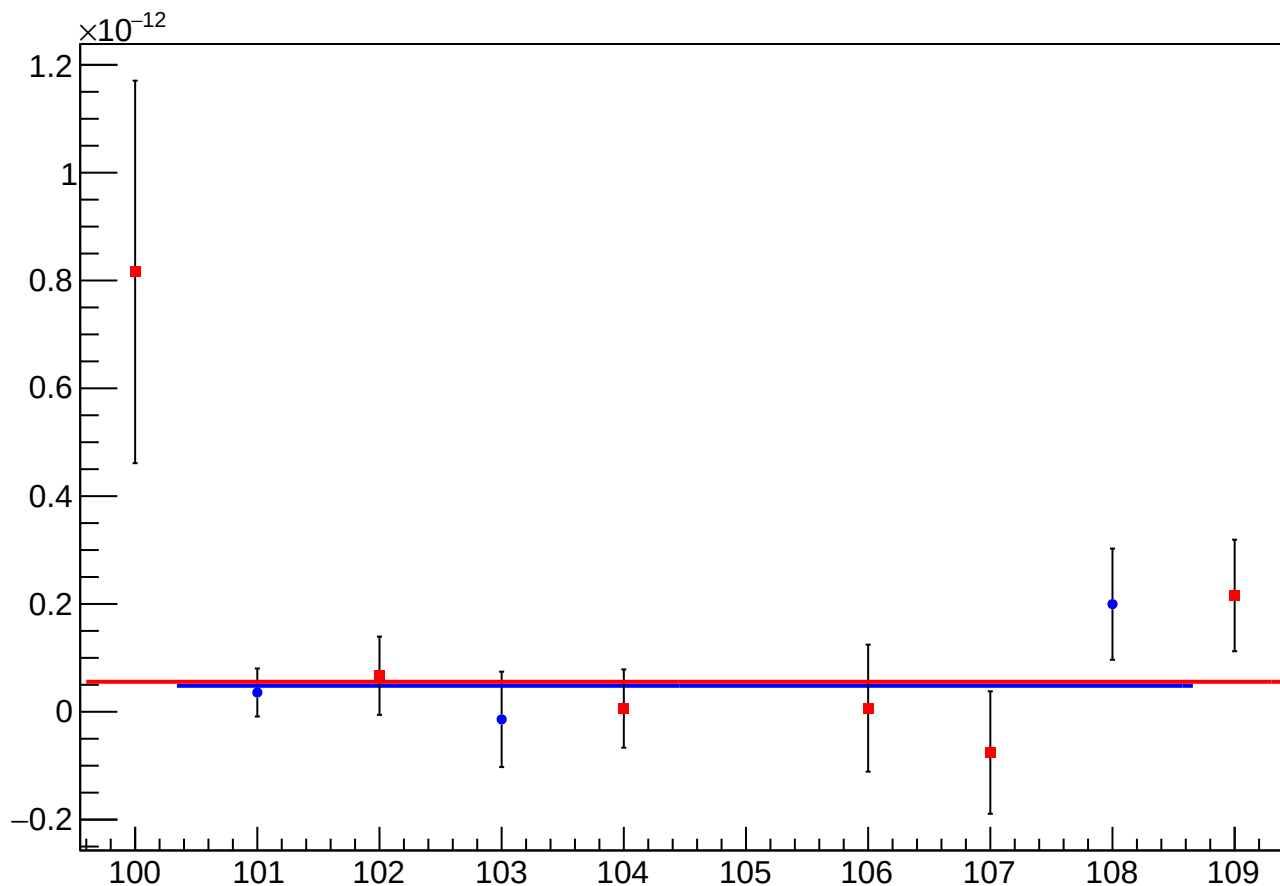
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 830.418 $\pm$ 0.296 χ^2 /NDF: 81400.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/5

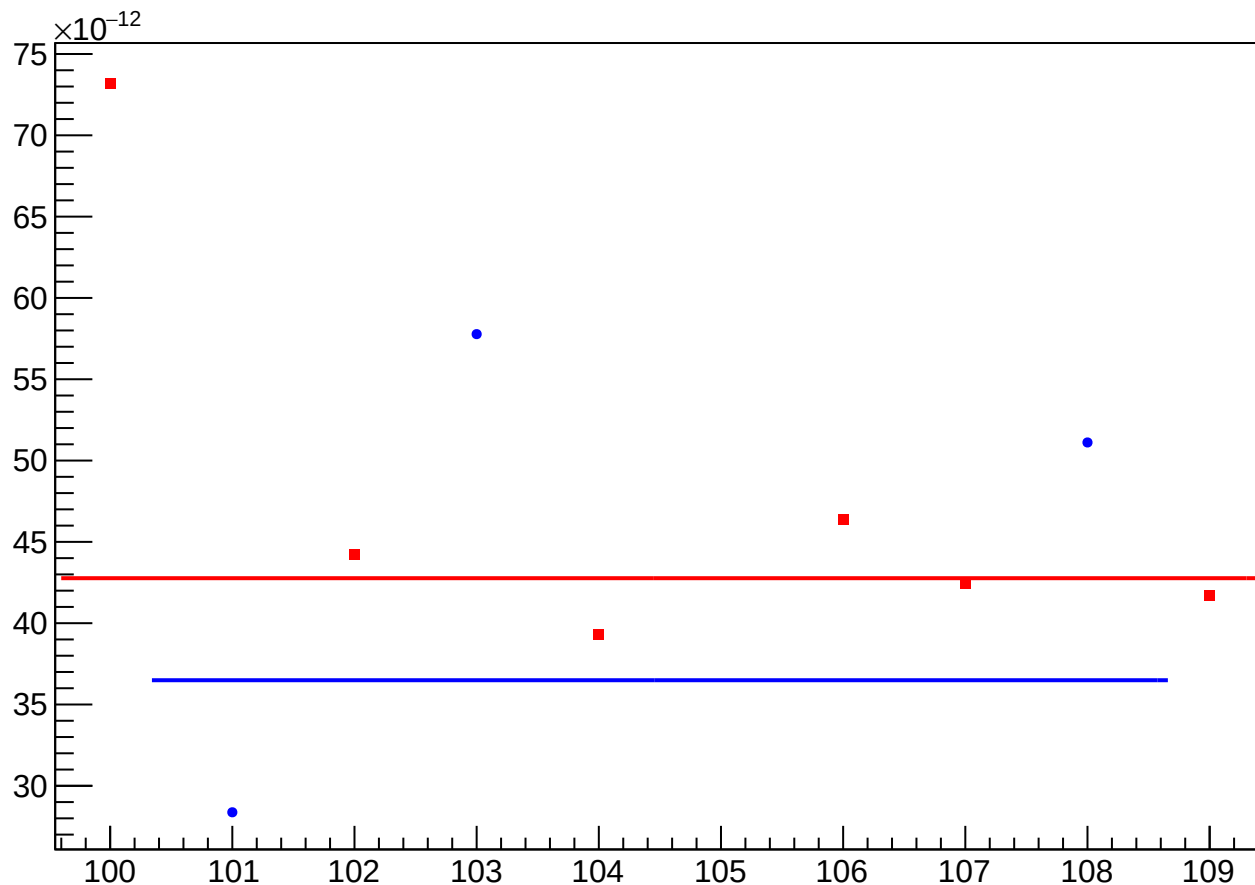
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 222327.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22054.5/5

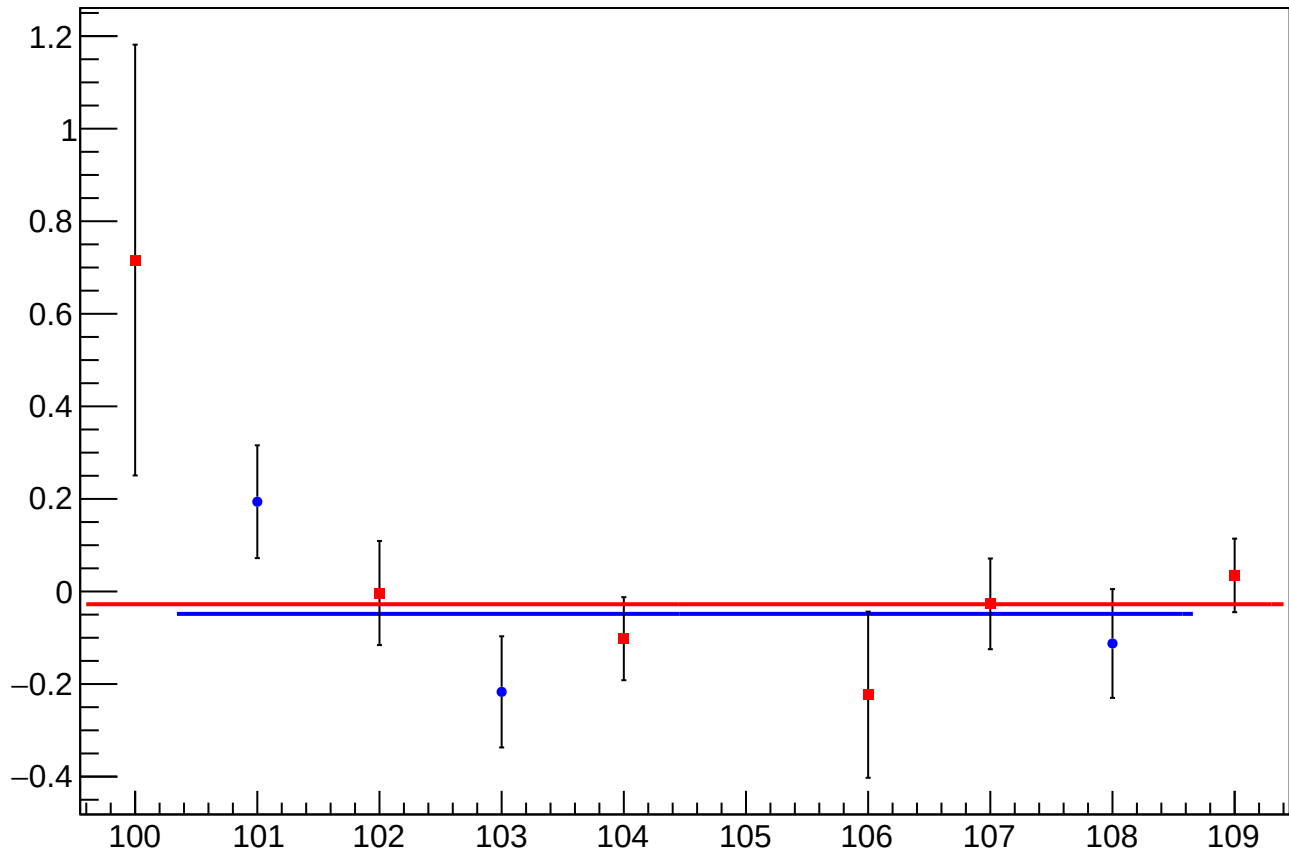
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 270938.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 $\pm$ 0.069 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.028 $\pm$ 0.045 χ^2 /NDF: 5.1/5

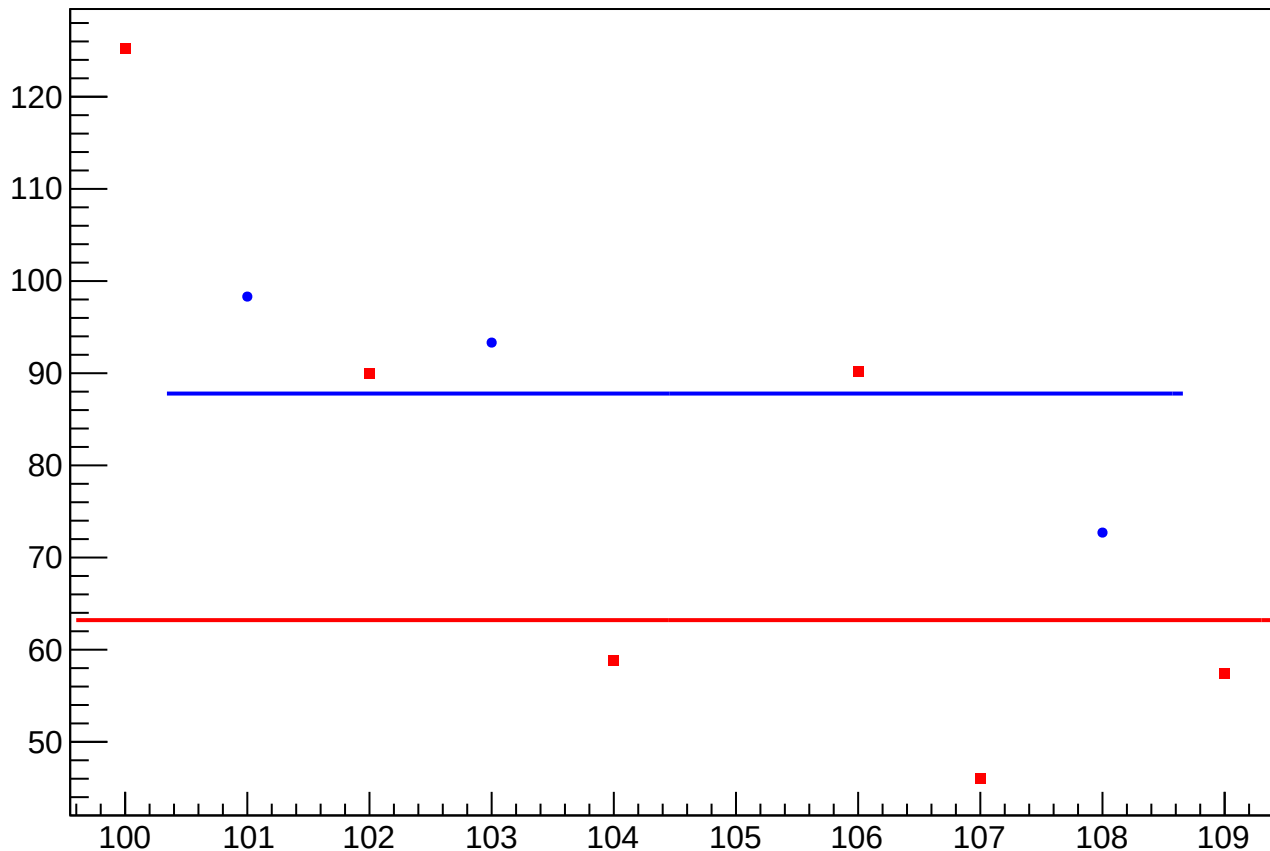
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.038 χ^2 /NDF: 11.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 87.794+/-0.049 χ^2/NDF : 52103.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.209+/-0.032 χ^2/NDF : 270549.9/5

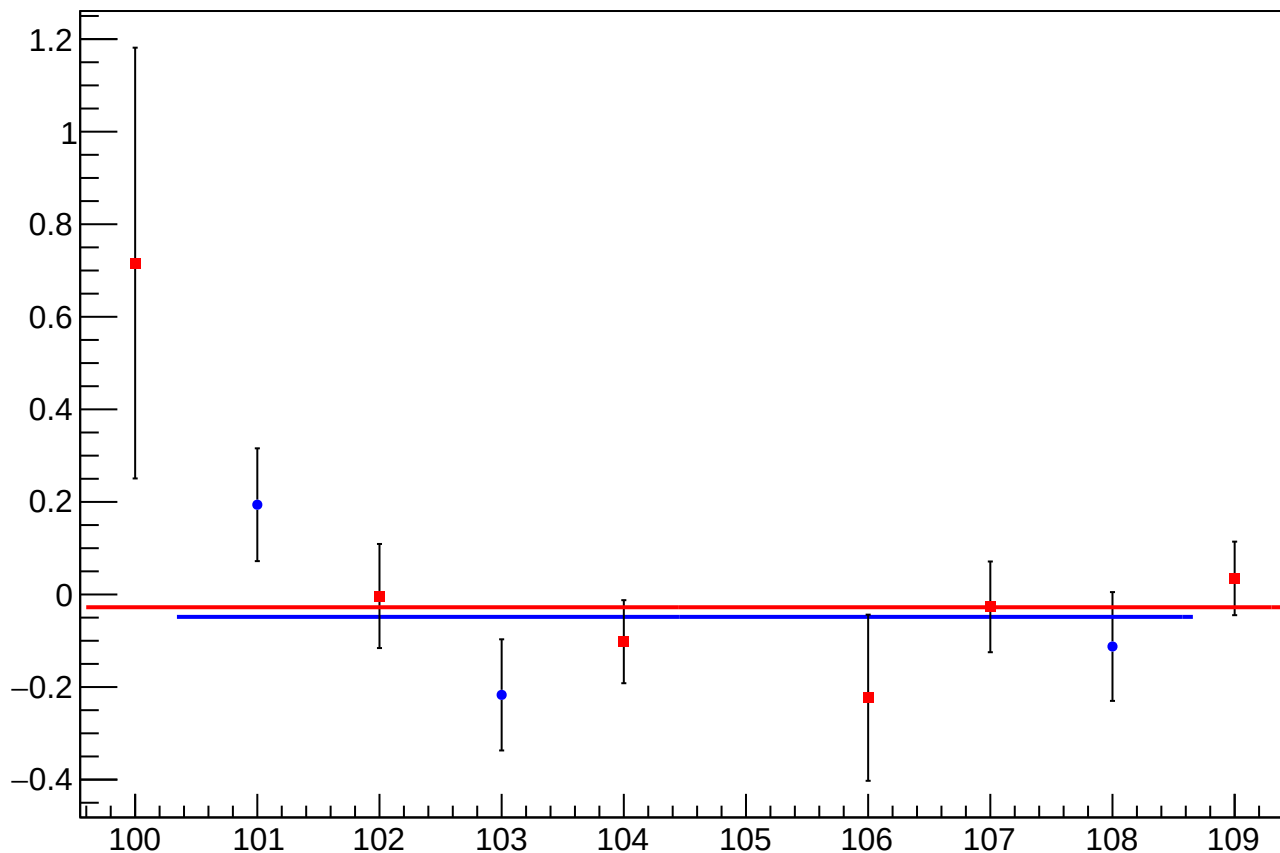
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.444+/-0.027 χ^2/NDF : 501020.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 $\pm$ 0.069 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.045 χ^2 /NDF: 5.1/5

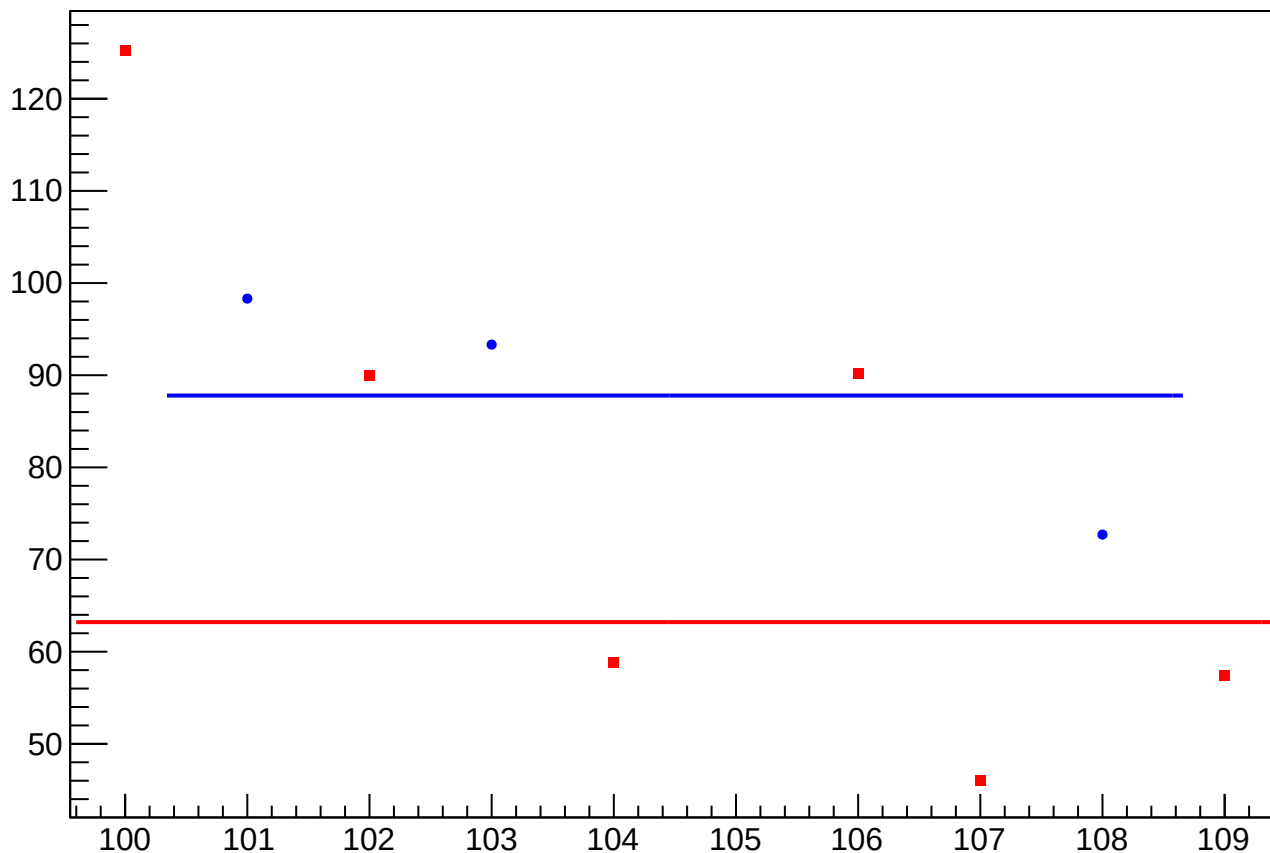
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.038 χ^2 /NDF: 11.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 87.794+/-0.049 χ^2/NDF : 52103.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.209+/-0.032 χ^2/NDF : 270549.9/5

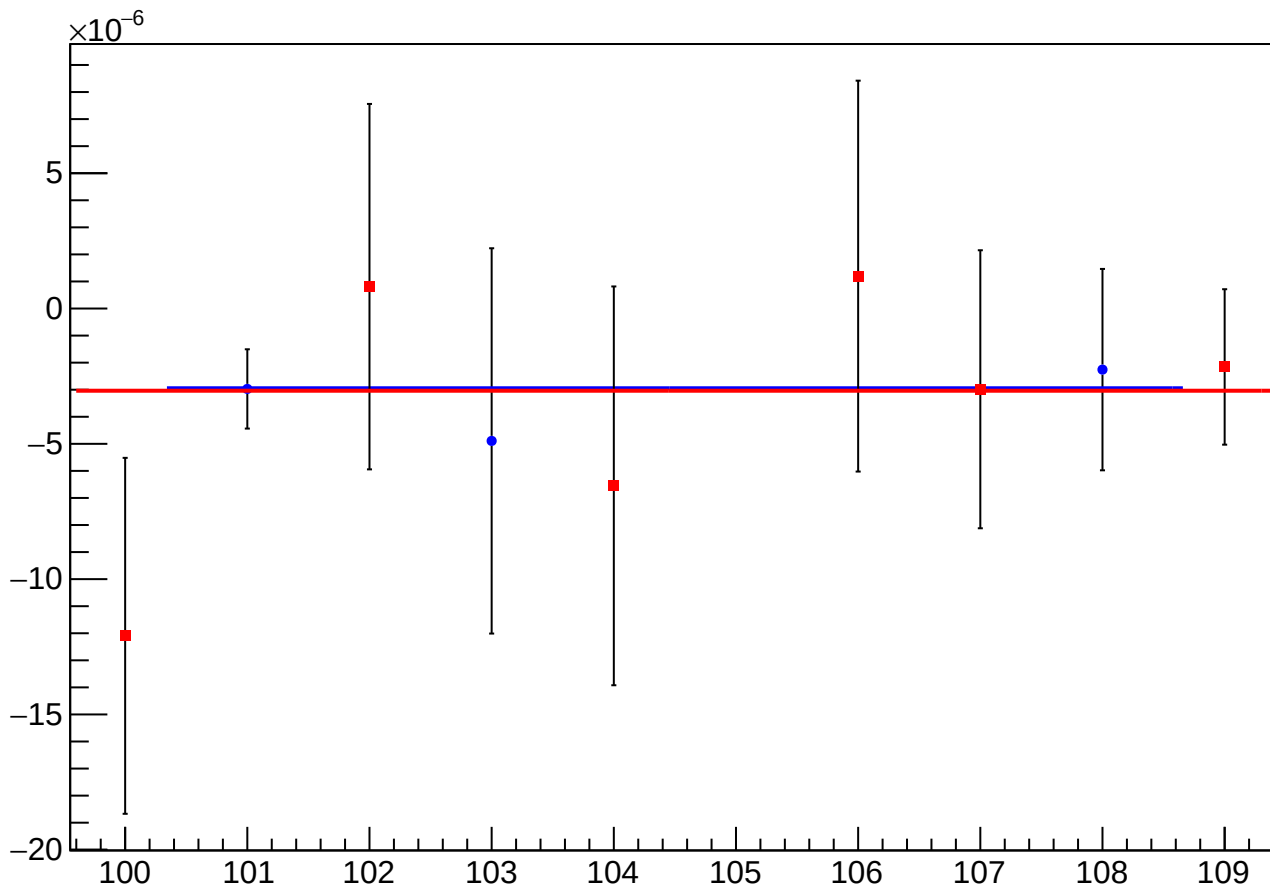
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.444+/-0.027 χ^2/NDF : 501020.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.9/5

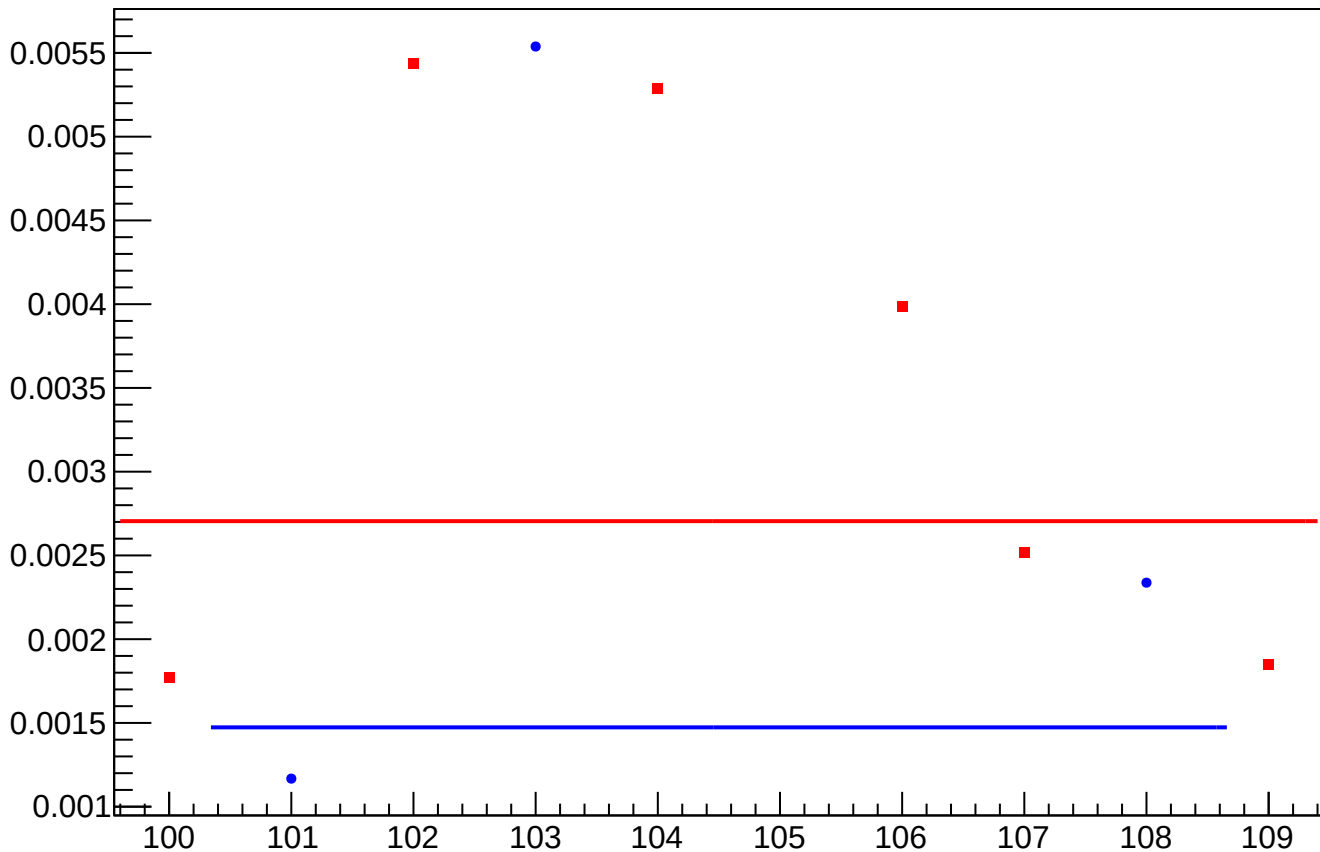
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 847004.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 855671.1/5

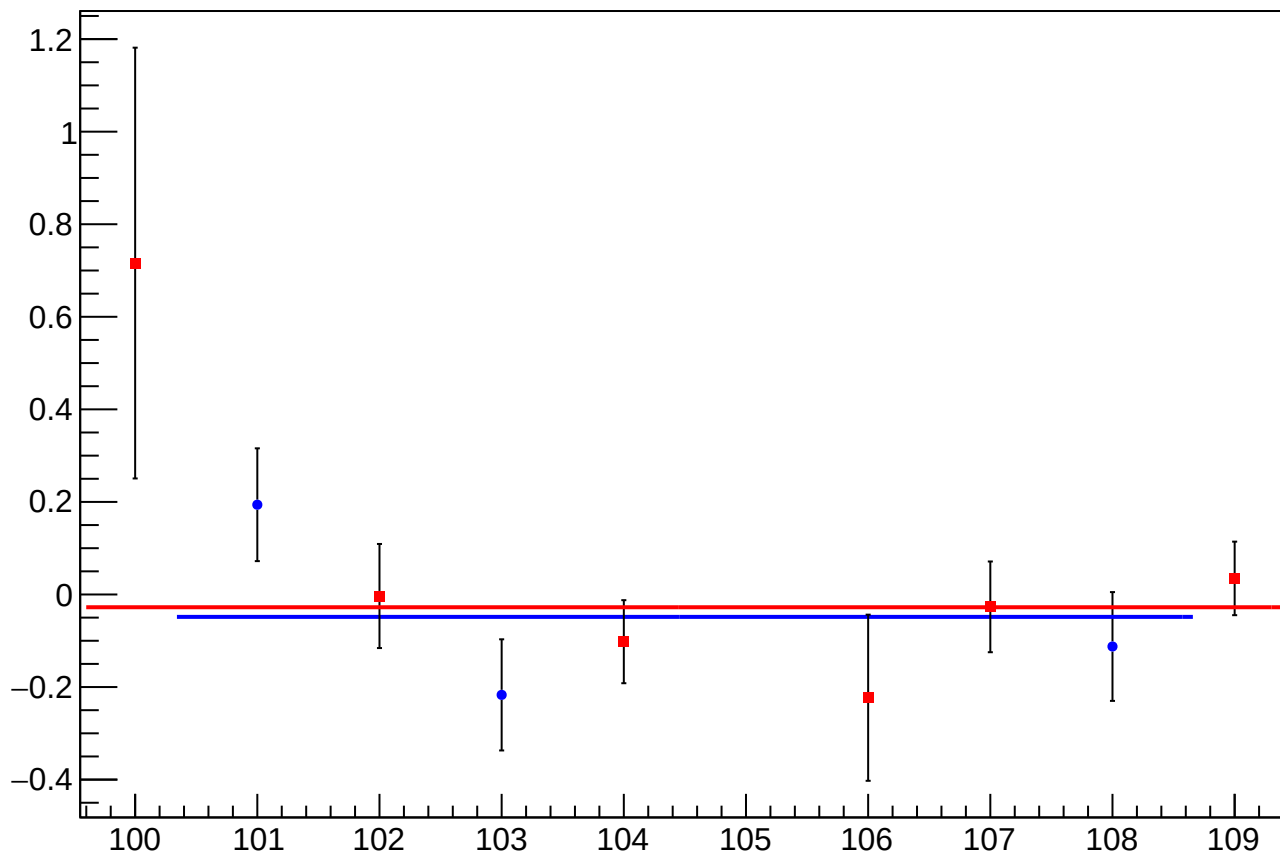
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2213849.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 $\pm$ 0.069 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.045 χ^2 /NDF: 5.1/5

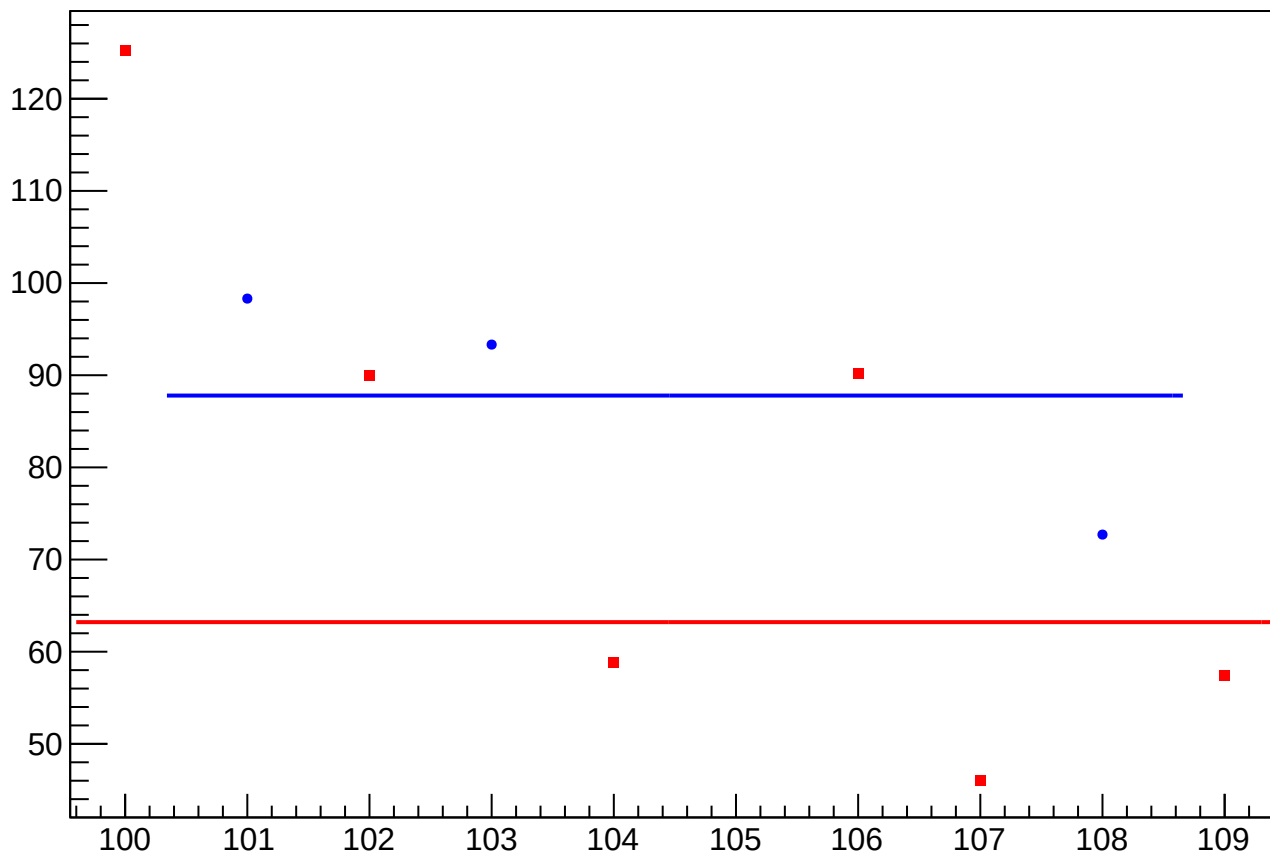
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.038 χ^2 /NDF: 11.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 87.793+/-0.049 χ^2/NDF : 52102.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.208+/-0.032 χ^2/NDF : 270552.2/5

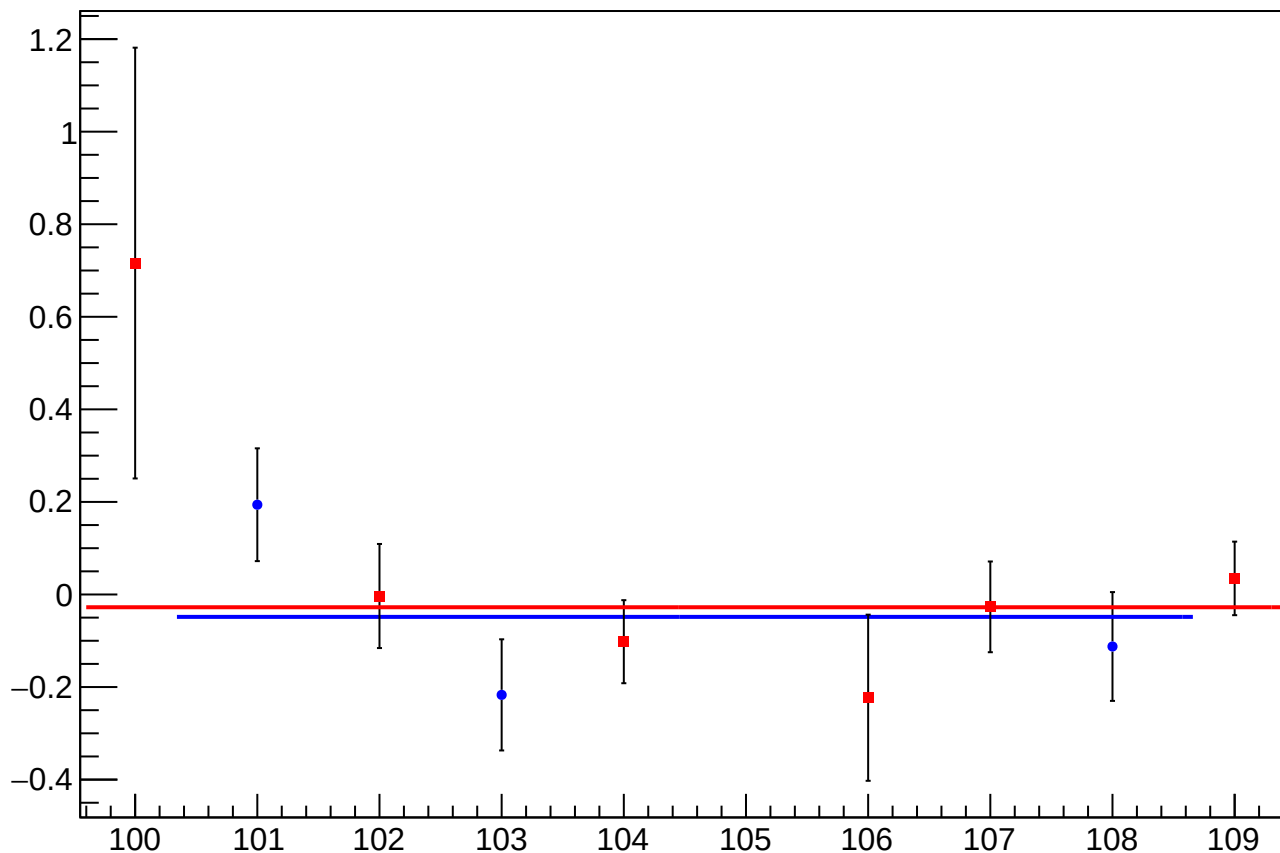
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.443+/-0.027 χ^2/NDF : 501031.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 $\pm$ 0.069 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.028 $\pm$ 0.045 χ^2 /NDF: 5.1/5

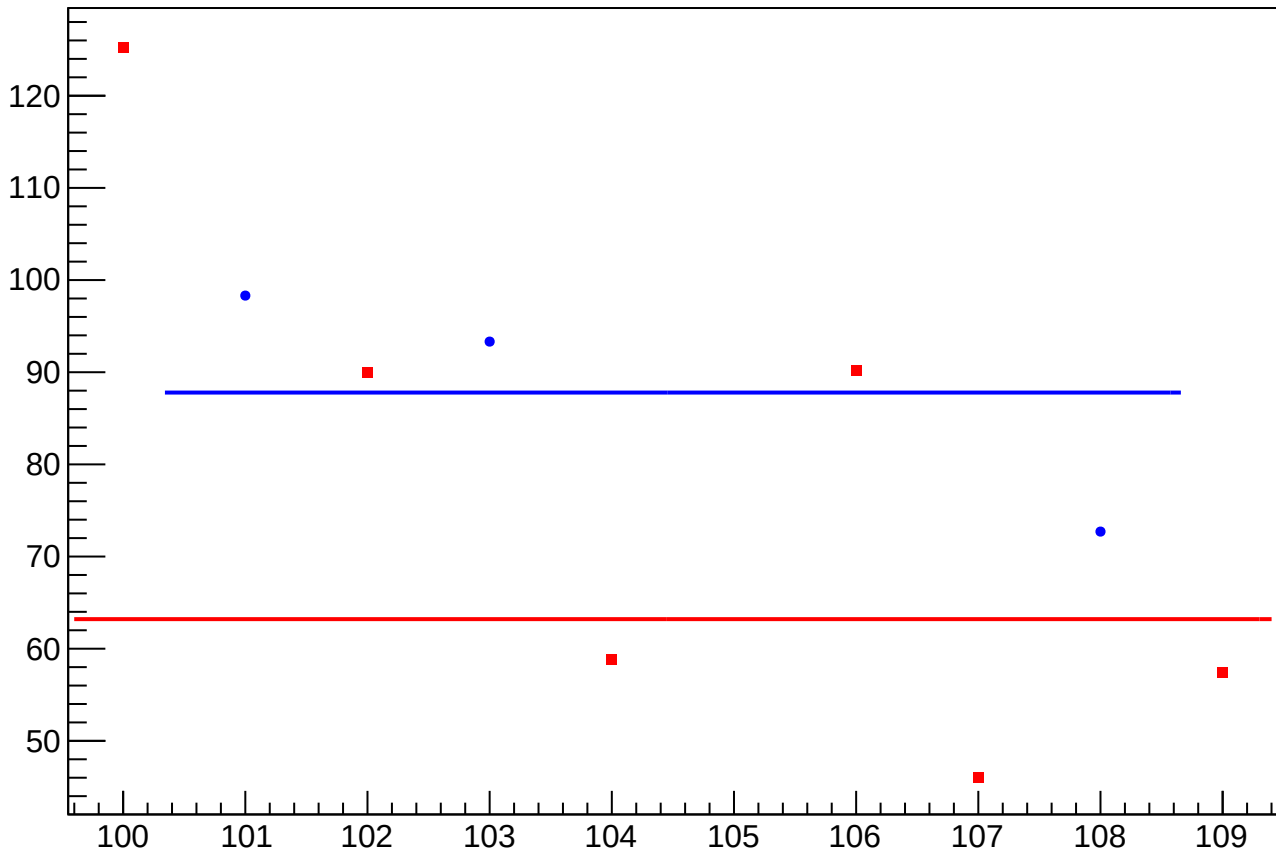
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.038 χ^2 /NDF: 11.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 87.793+/-0.049 χ^2/NDF : 52102.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.208+/-0.032 χ^2/NDF : 270552.2/5

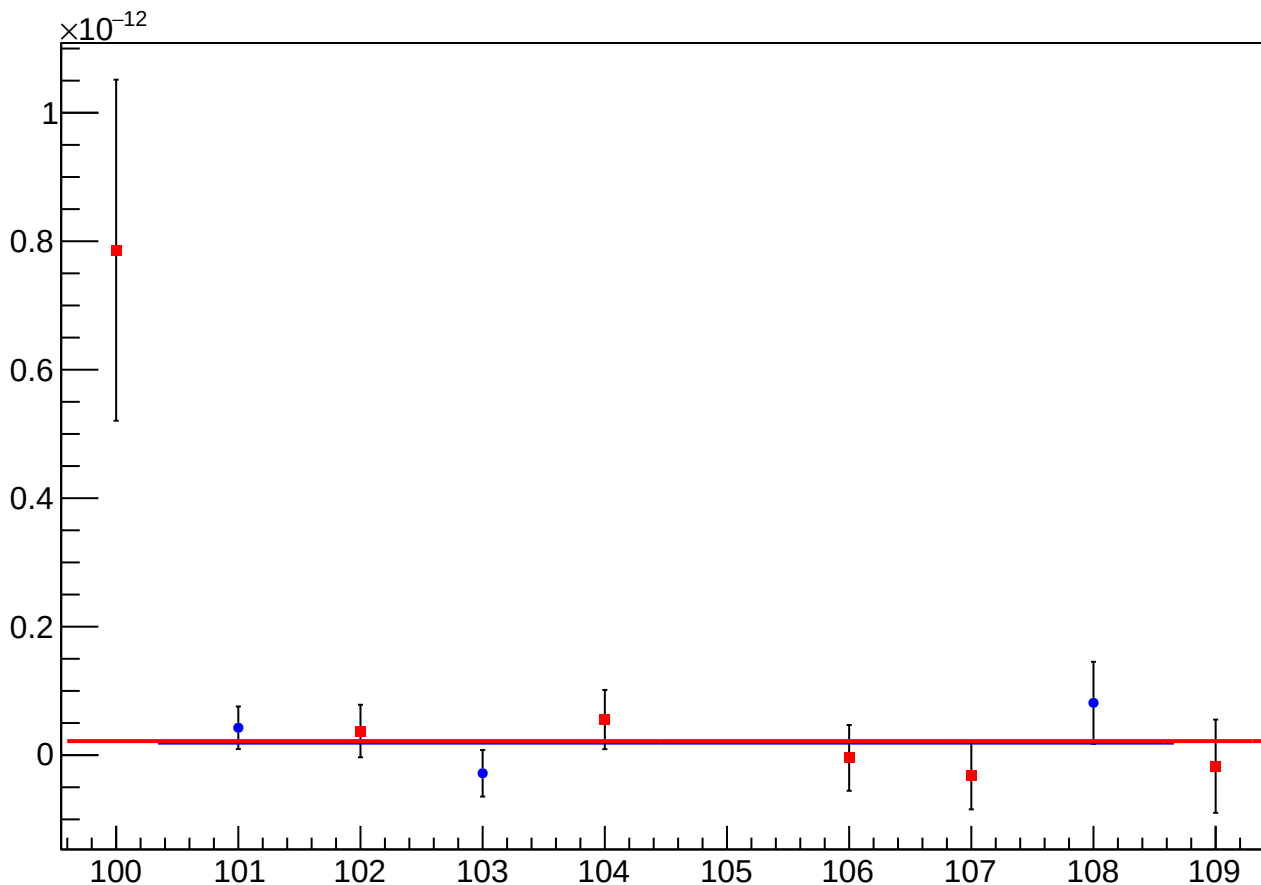
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.443+/-0.027 χ^2/NDF : 501031.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/5

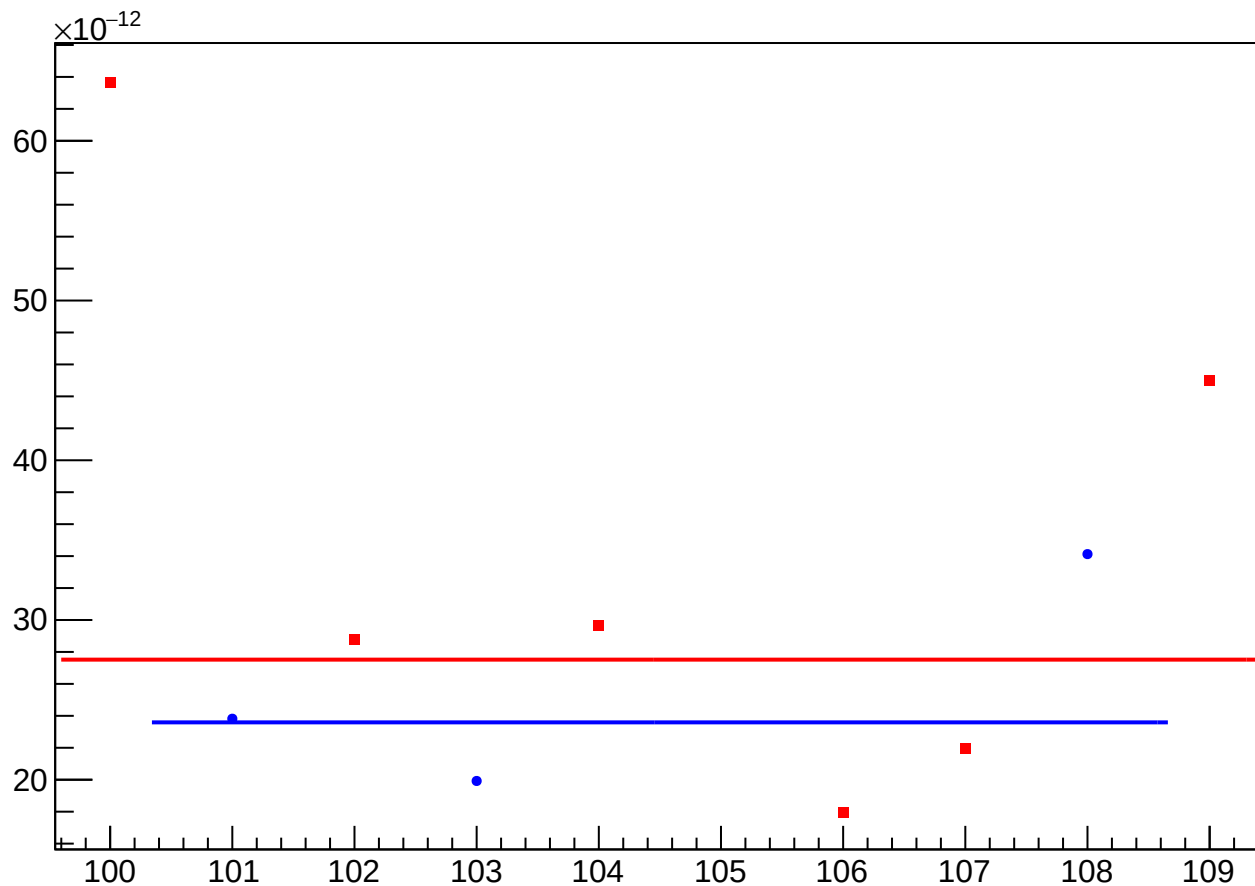
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 74961.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 250329.1/5

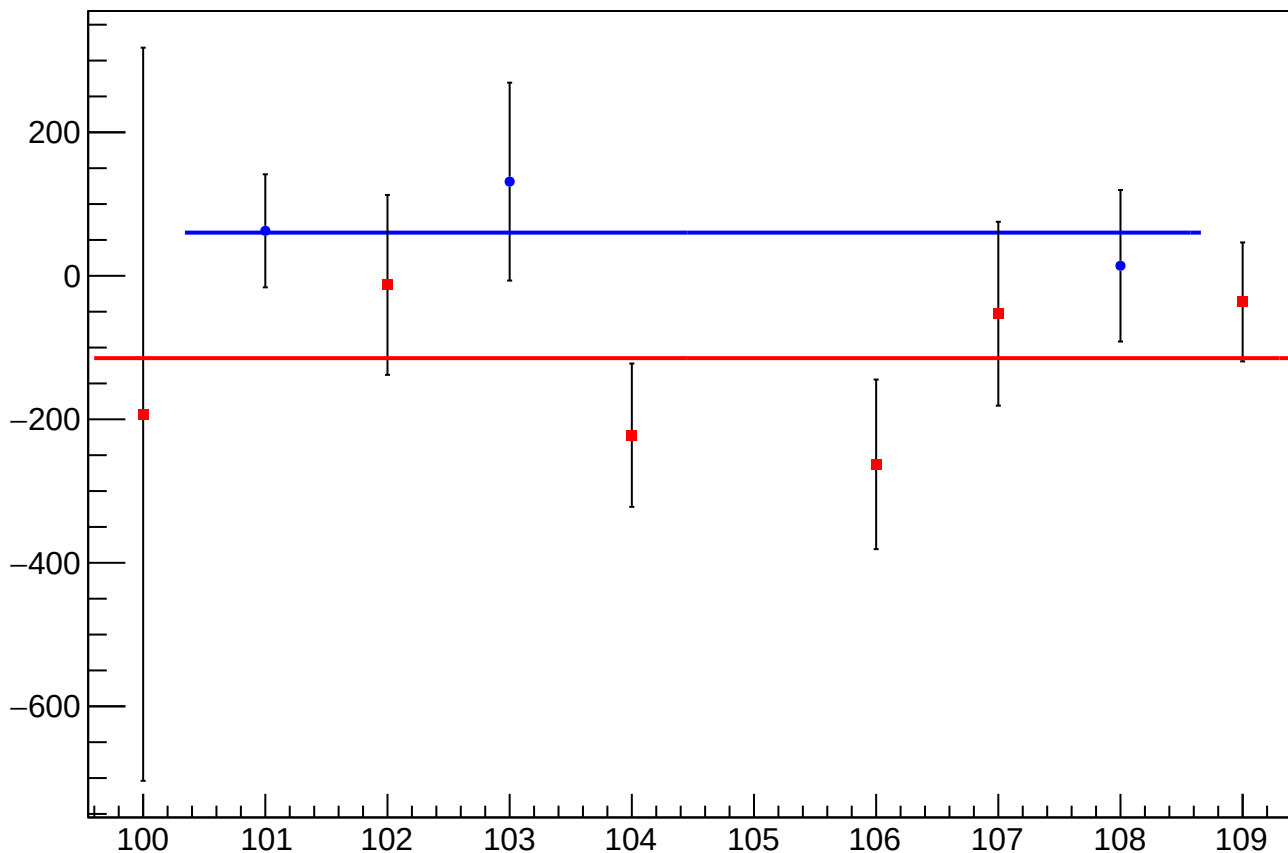
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 355552.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



Right In: 60.208 $\pm$ 57.408 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.724 $\pm$ 47.372 χ^2 /NDF: 4.5/5

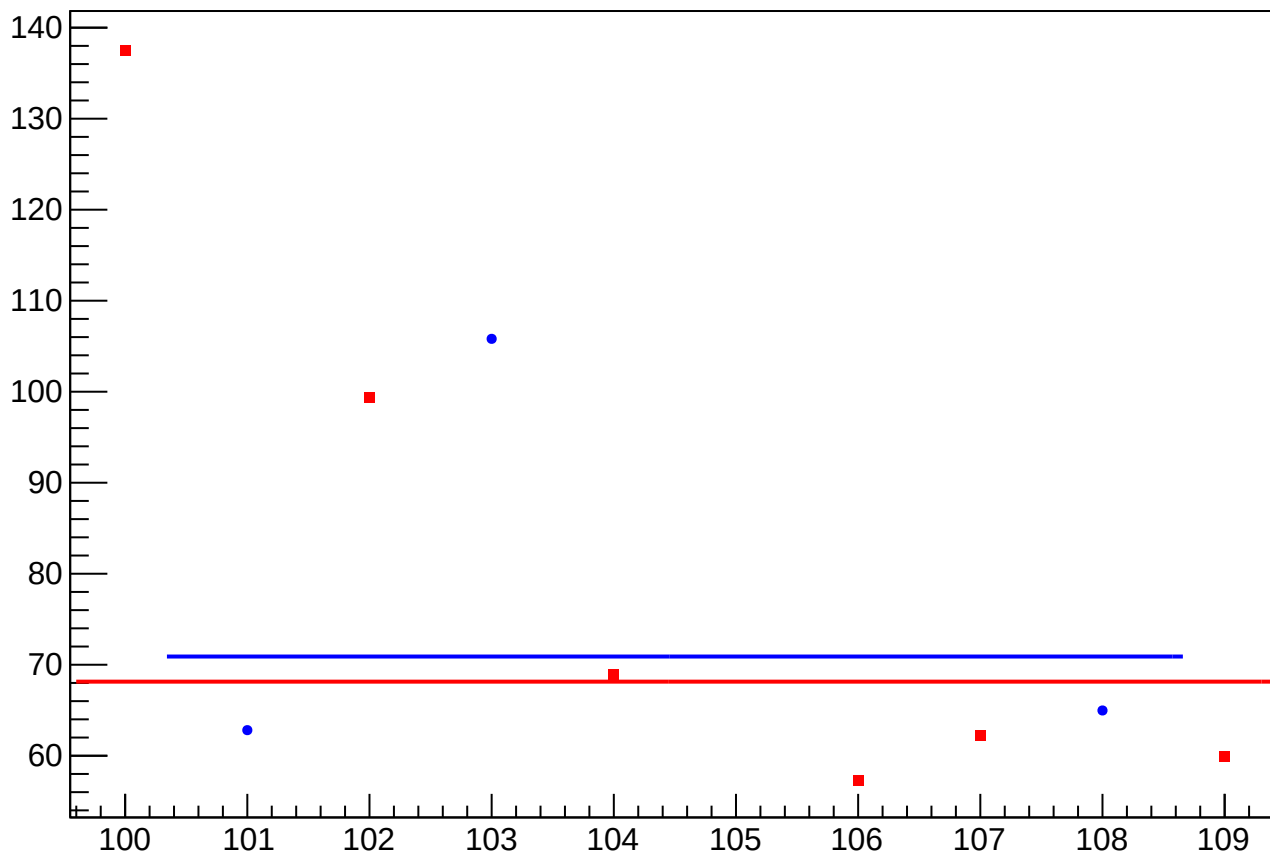
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.861 $\pm$ 36.538 χ^2 /NDF: 10.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



Right In: 70.903+/-0.041 χ^2/NDF : 155530.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.143+/-0.033 χ^2/NDF : 201121.9/5

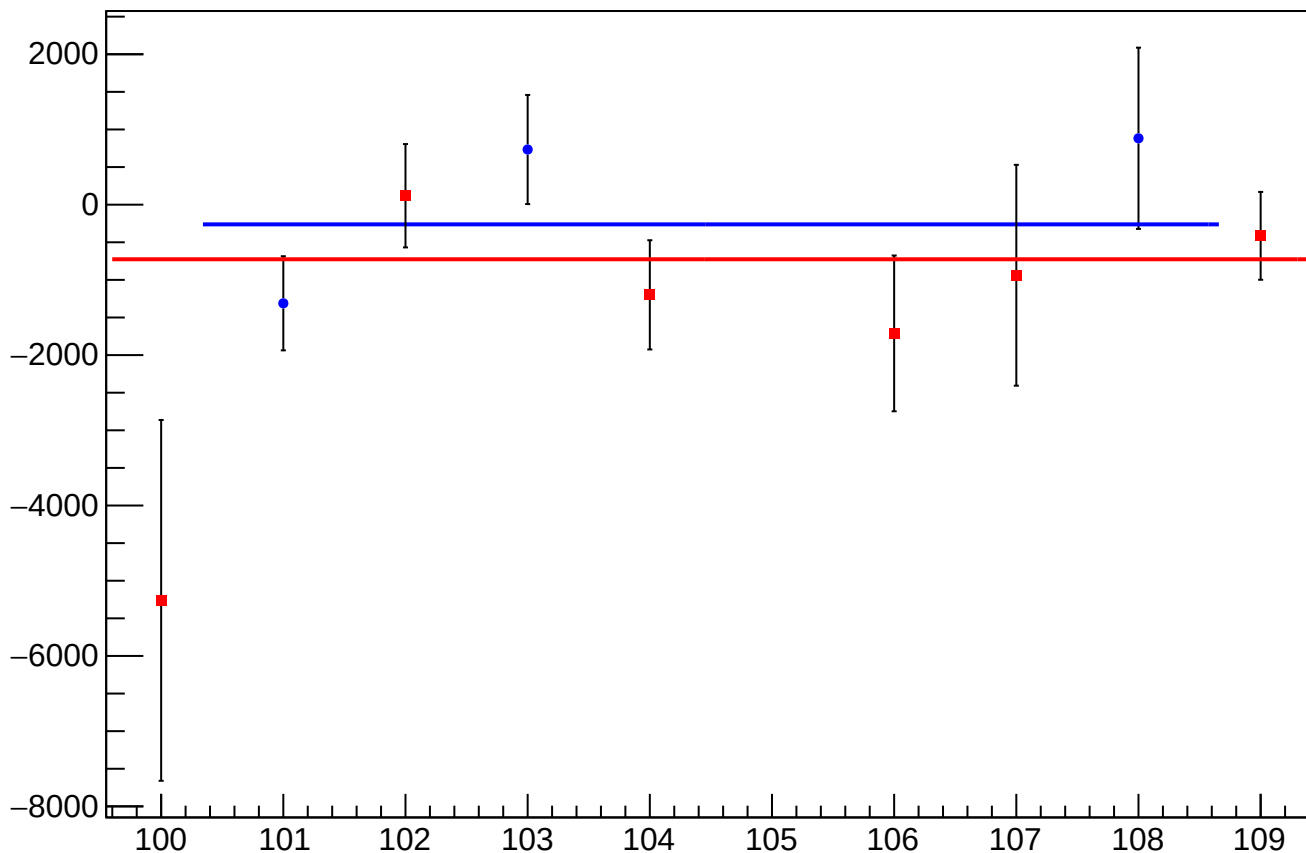
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.261+/-0.026 χ^2/NDF : 359402.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_mean vs Slug



Right In: -261.785+/-440.963 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -725.891+/-342.624 χ^2/NDF : 6.7/5

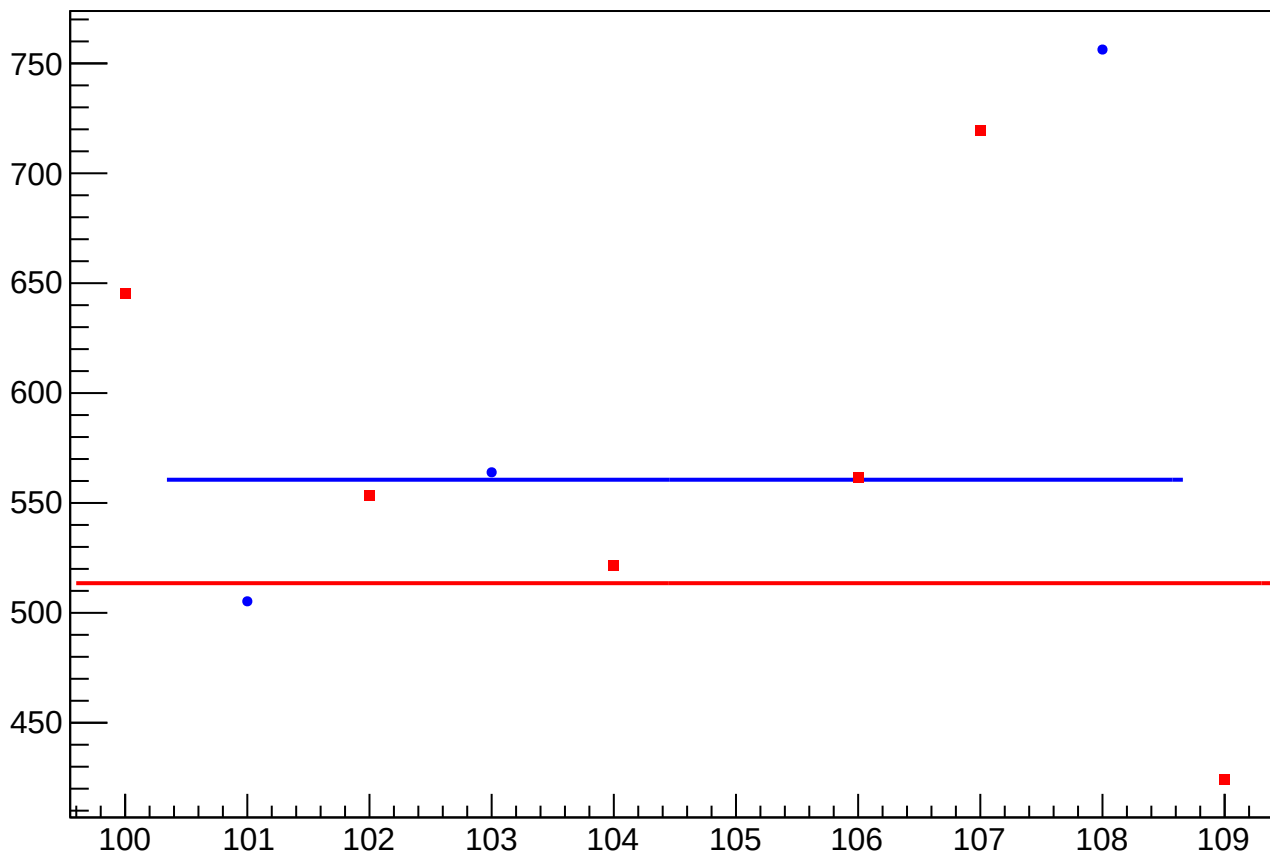
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -551.180+/-270.554 χ^2/NDF : 13.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 560.572 $\pm$ 0.312 χ^2 /NDF: 68449.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 513.501 $\pm$ 0.242 χ^2 /NDF: 103646.4/5

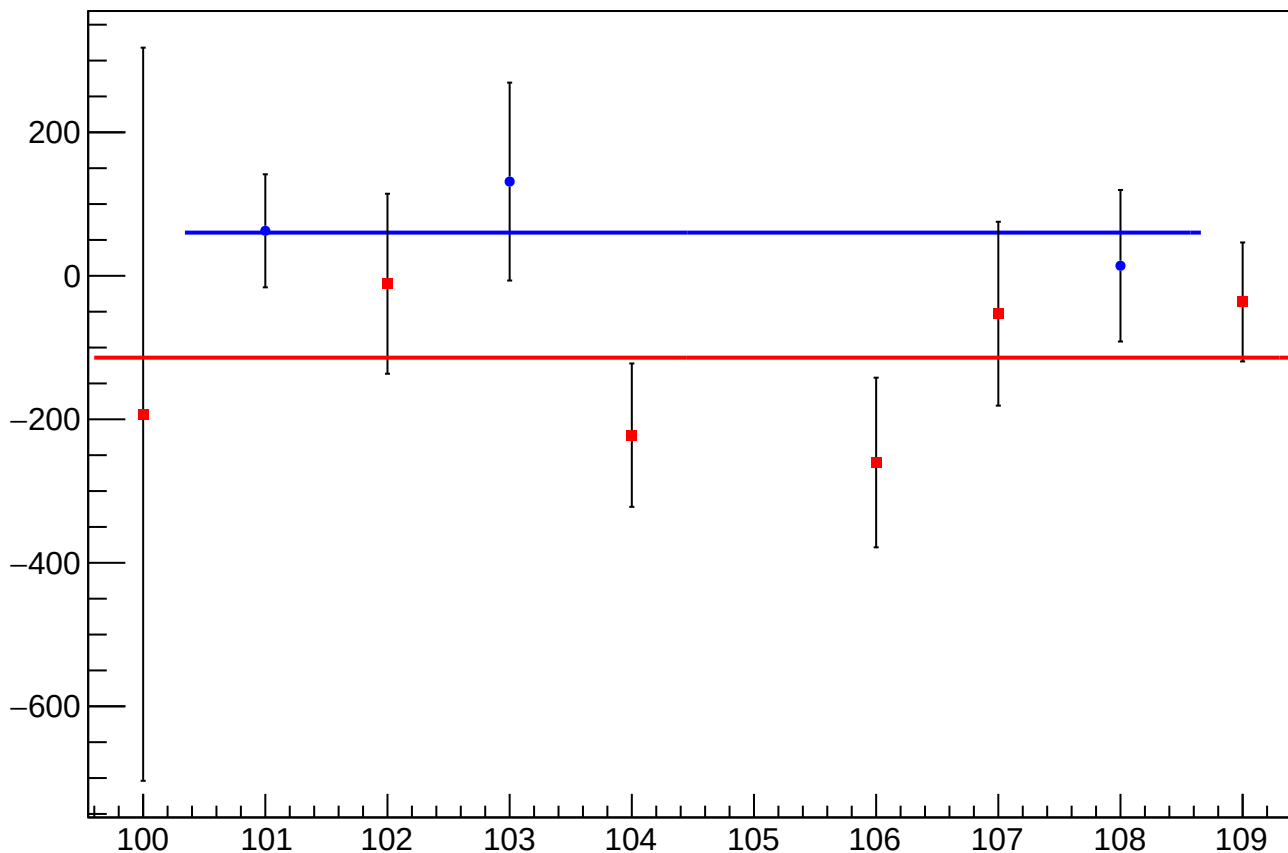
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 531.221 $\pm$ 0.191 χ^2 /NDF: 186306.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



Right In: 60.214 $\pm$ 57.408 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.072 $\pm$ 47.379 χ^2 /NDF: 4.5/5

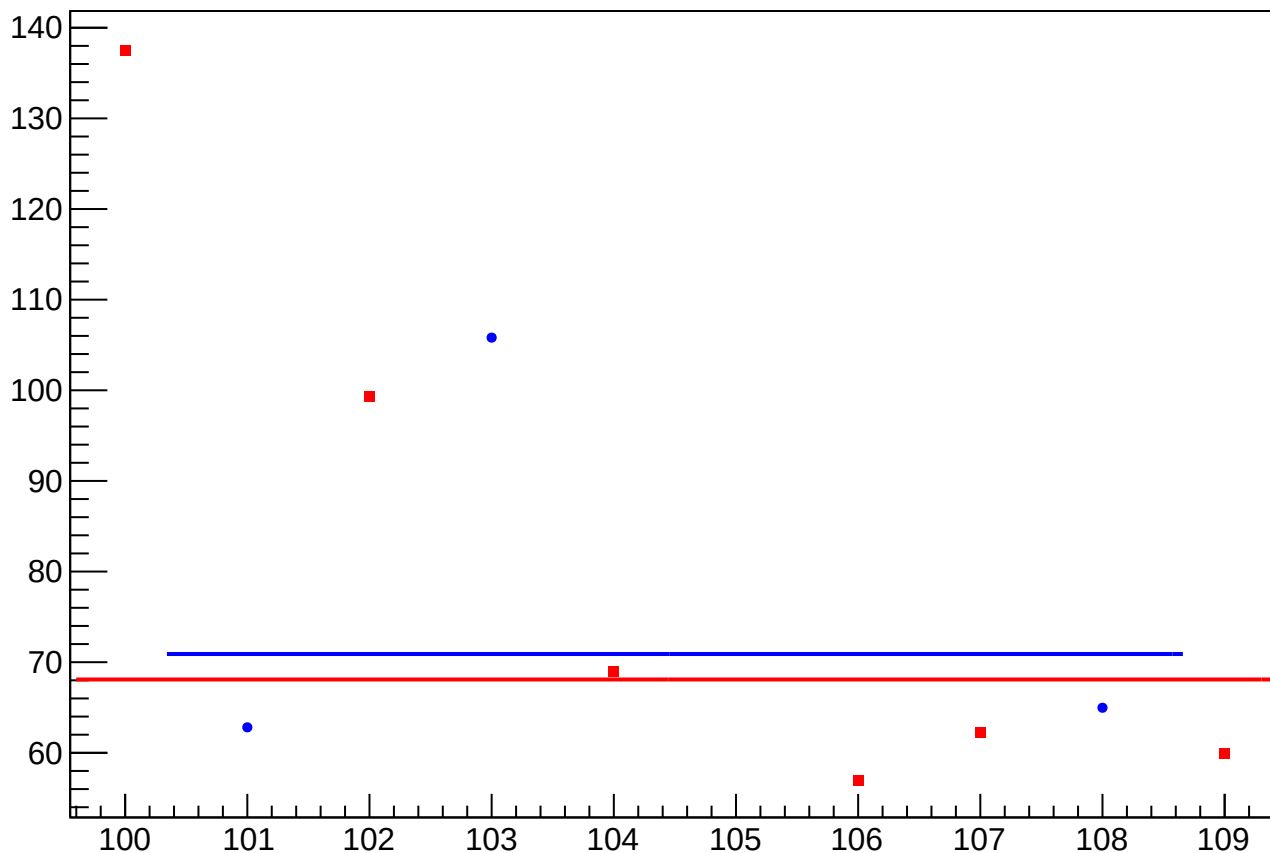
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.458 $\pm$ 36.542 χ^2 /NDF: 10.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 70.903 $\pm$ 0.041 χ^2 /NDF: 155533.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.093 $\pm$ 0.034 χ^2 /NDF: 202385.1/5

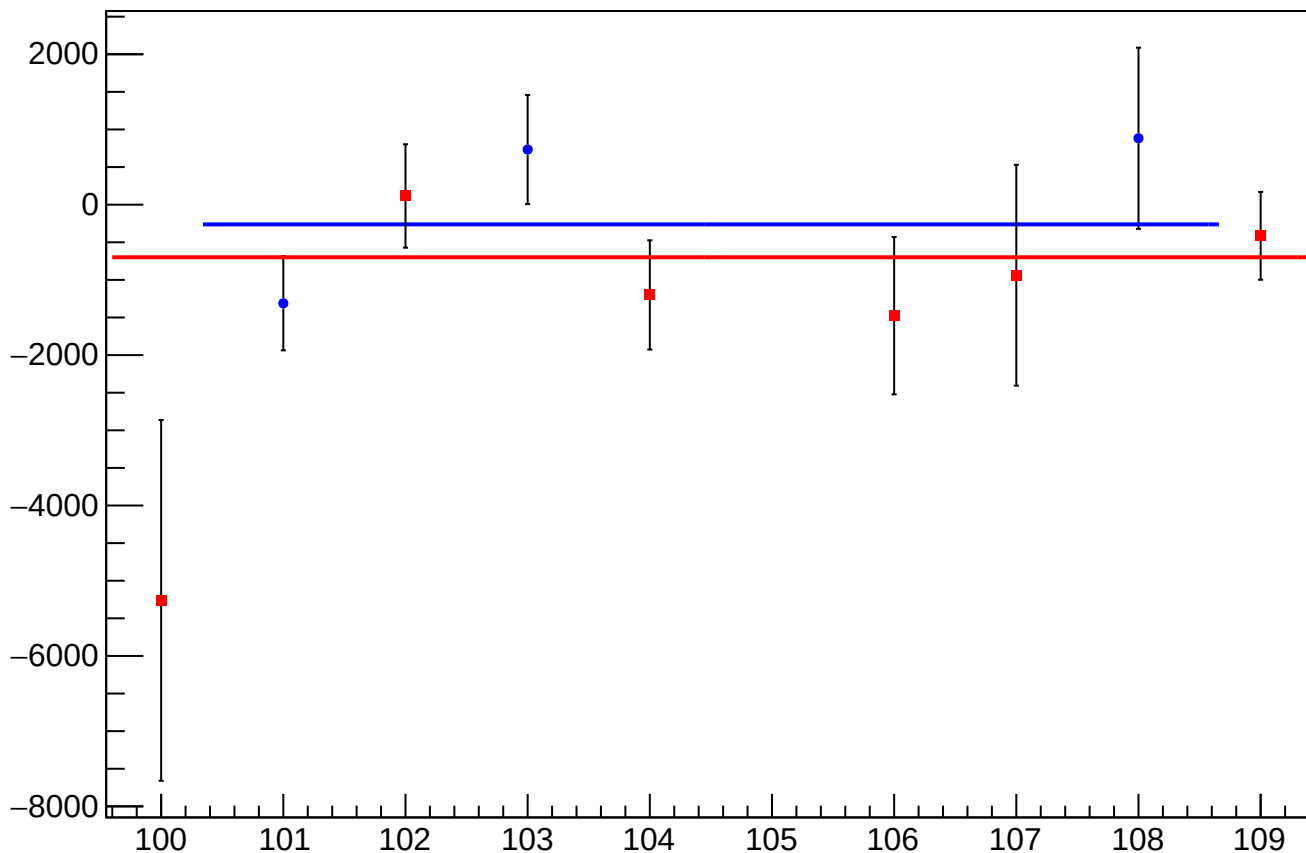
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.231 $\pm$ 0.026 χ^2 /NDF: 360768.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_cor_correction_mean vs Slug



Right In: -261.879+/-440.979 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -699.556+/-343.063 χ^2/NDF : 6.3/5

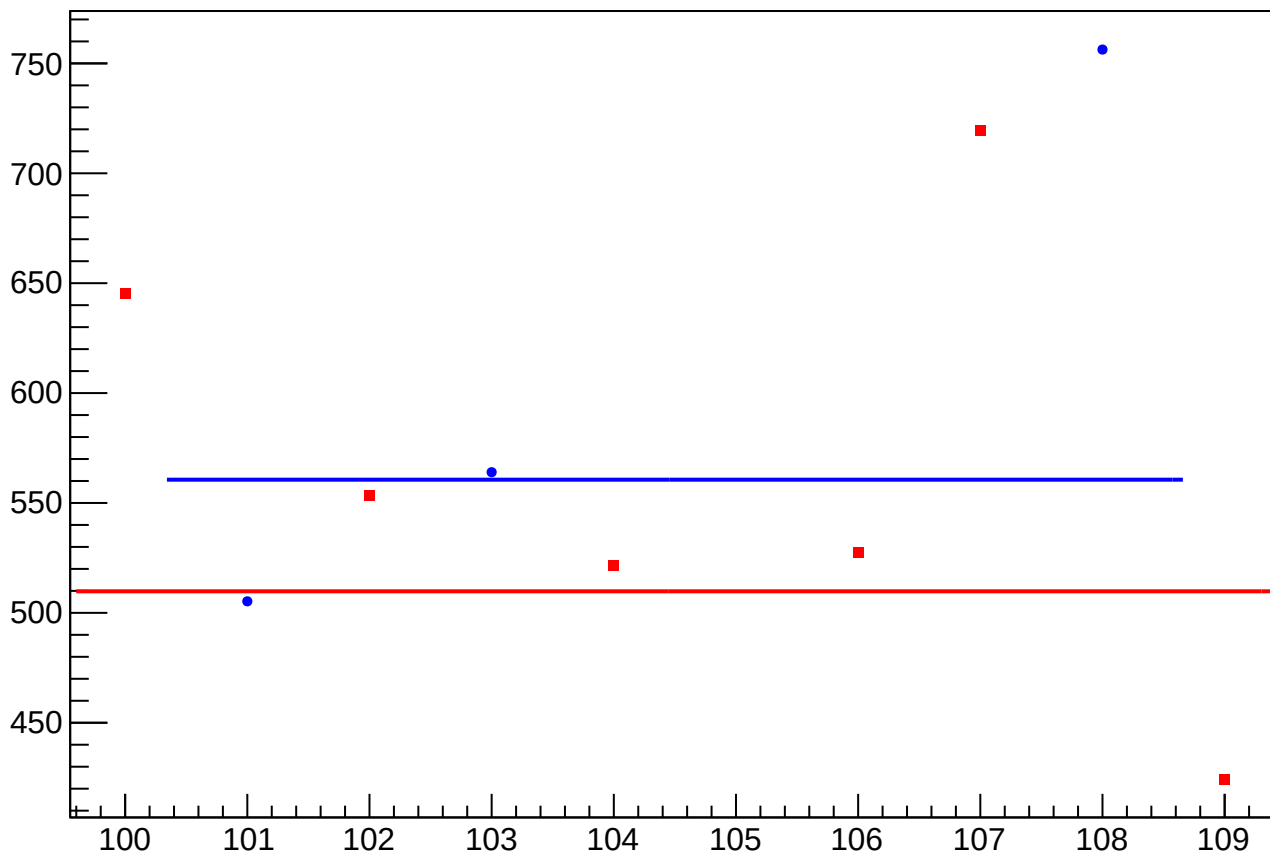
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -534.538+/-270.774 χ^2/NDF : 12.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 560.592 $\pm$ 0.312 χ^2 /NDF: 68451.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 509.804 $\pm$ 0.243 χ^2 /NDF: 99580.8/5

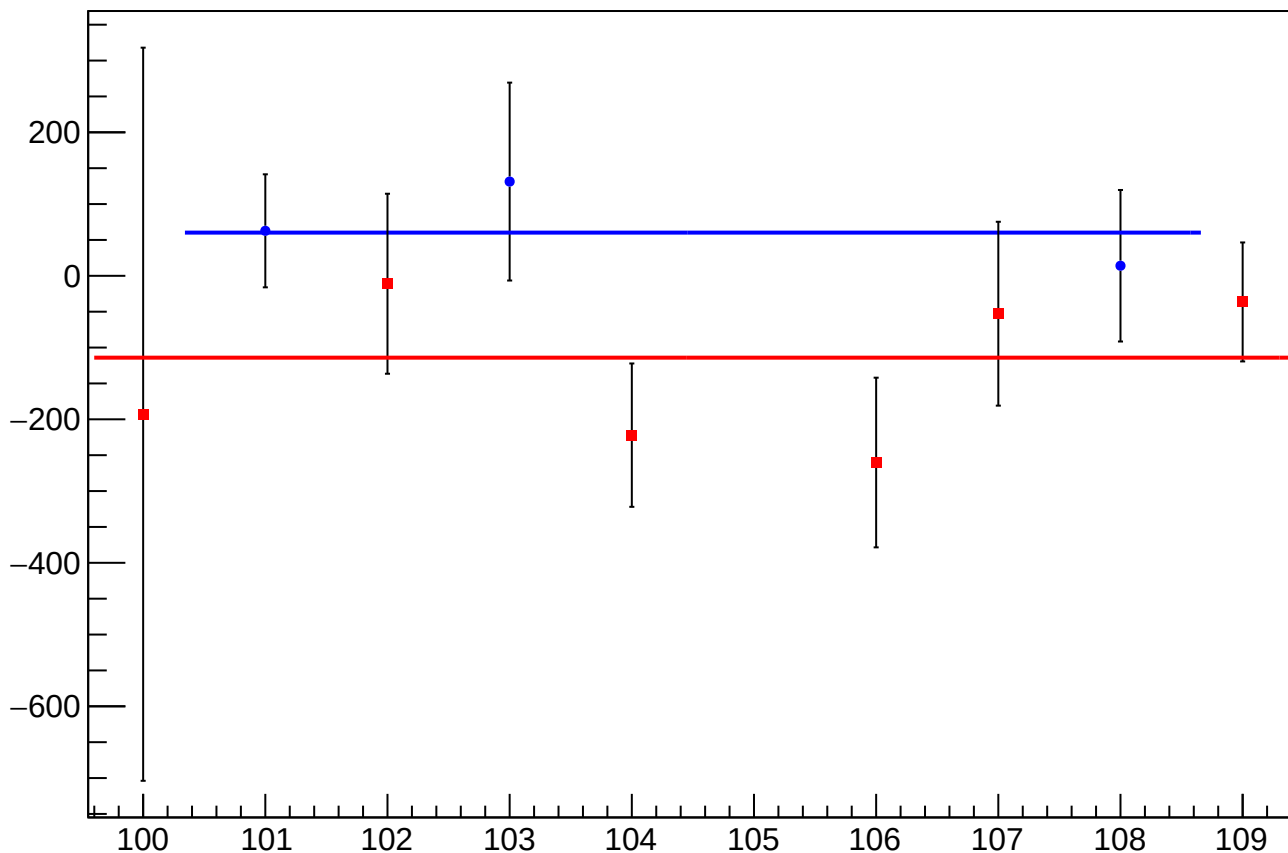
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 528.953 $\pm$ 0.191 χ^2 /NDF: 184558.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1548_avg_mean vs Slug



Right In: 60.214 $\pm$ 57.408 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.072 $\pm$ 47.379 χ^2 /NDF: 4.5/5

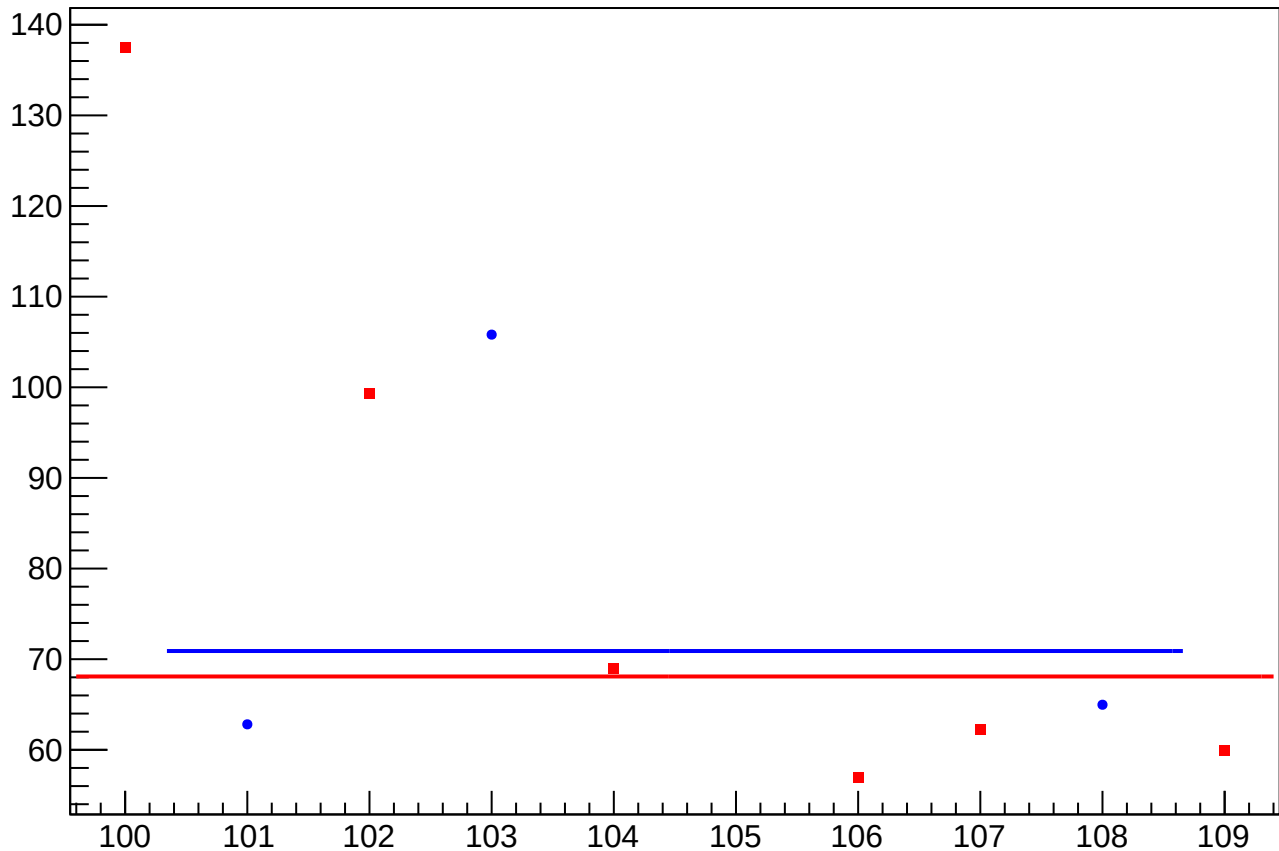
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.458 $\pm$ 36.542 χ^2 /NDF: 10.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 70.903 $\pm$ 0.041 χ^2 /NDF: 155533.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.093 $\pm$ 0.034 χ^2 /NDF: 202385.1/5

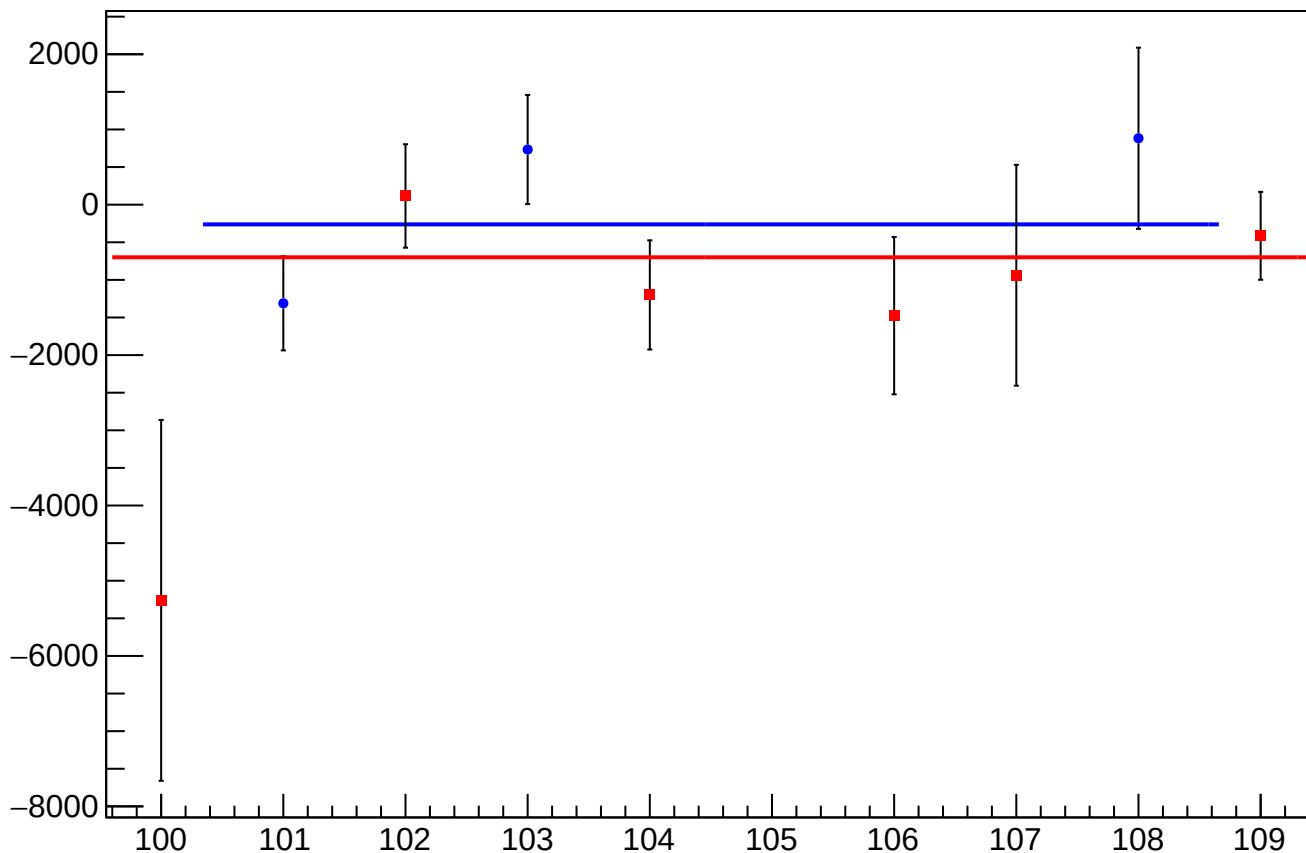
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 69.231 $\pm$ 0.026 χ^2 /NDF: 360768.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



Right In: -261.879+/-440.979 χ^2/NDF : 5.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -699.556+/-343.063 χ^2/NDF : 6.3/5

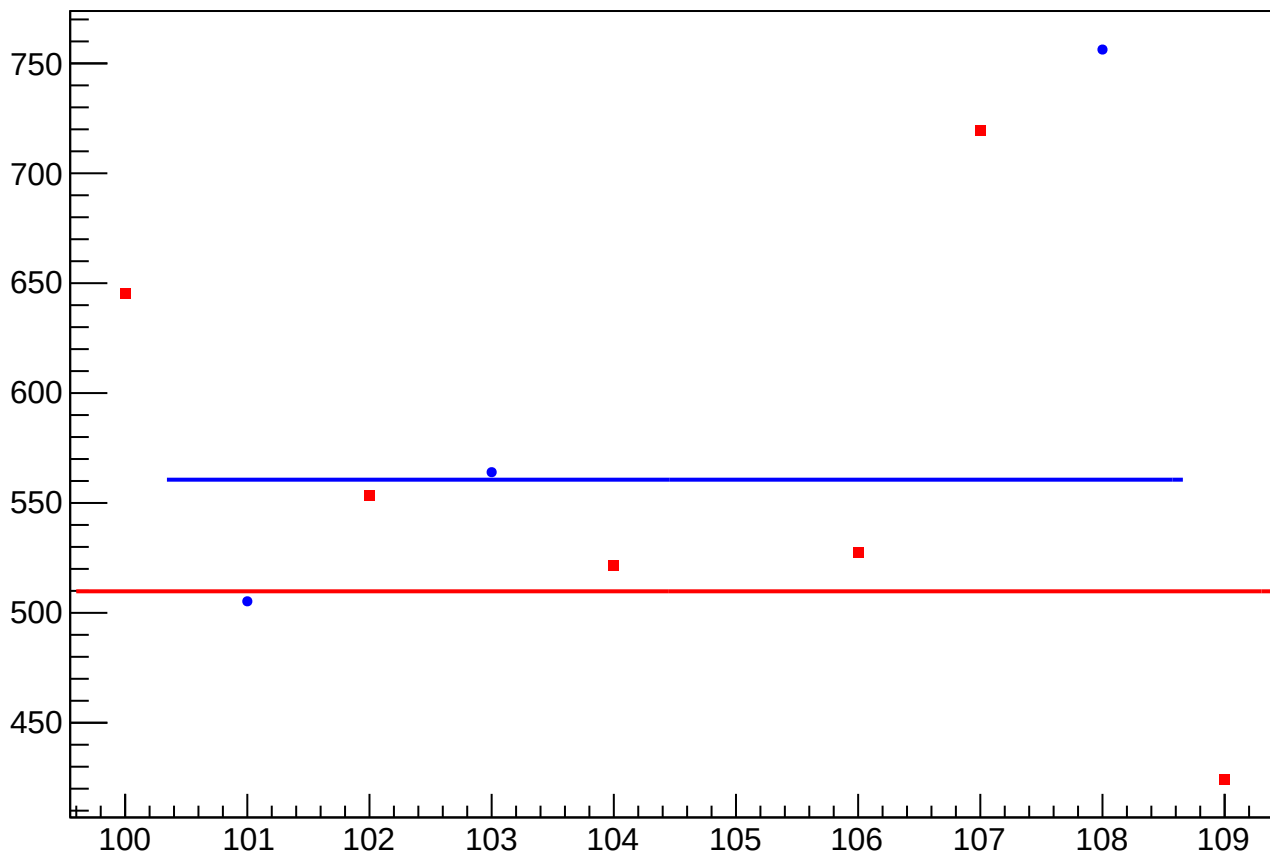
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -534.538+/-270.774 χ^2/NDF : 12.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug



Right In: 560.592 $\pm$ 0.312 χ^2 /NDF: 68451.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 509.804 $\pm$ 0.243 χ^2 /NDF: 99580.8/5

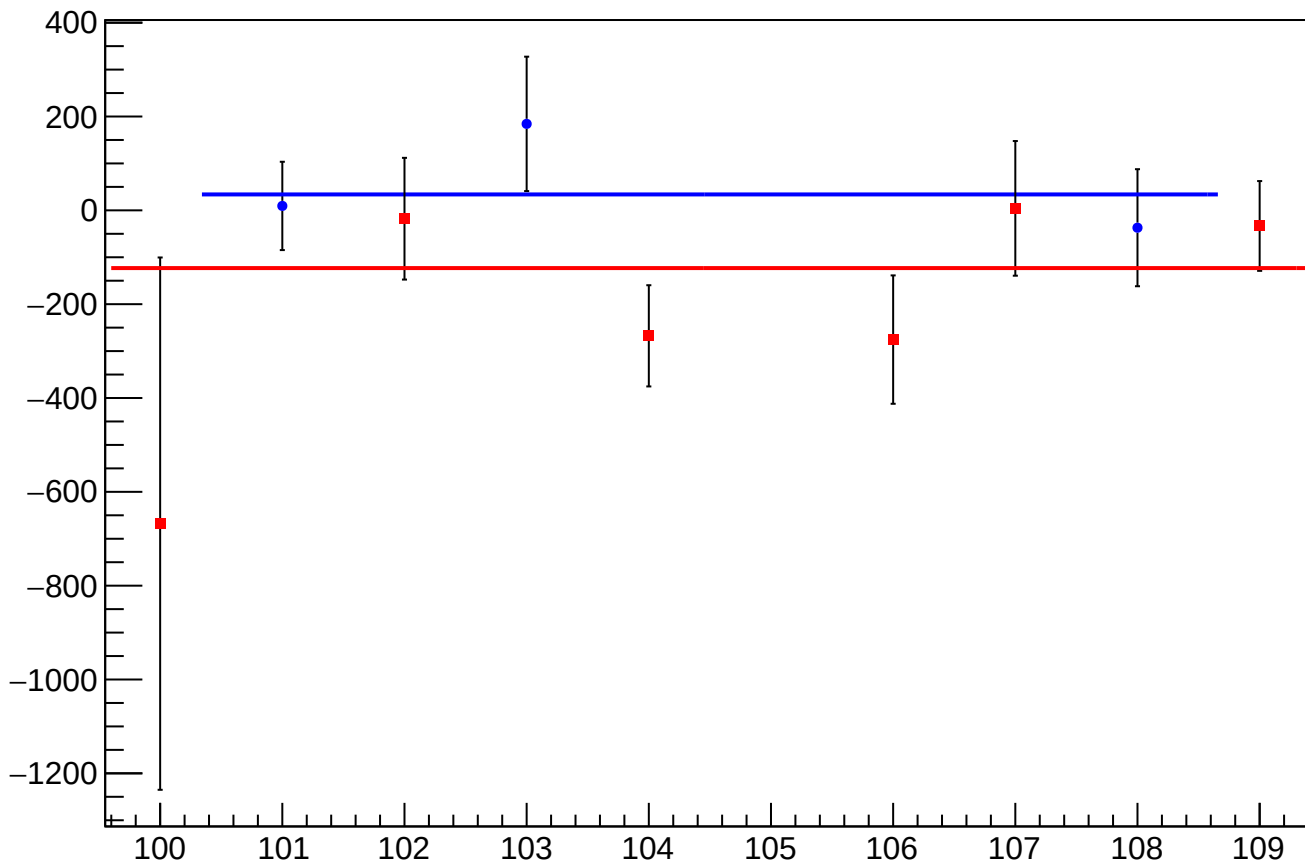
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 528.953 $\pm$ 0.191 χ^2 /NDF: 184558.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



Right In: 33.924+/-66.536 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -123.068+/-52.727 χ^2/NDF : 6.3/5

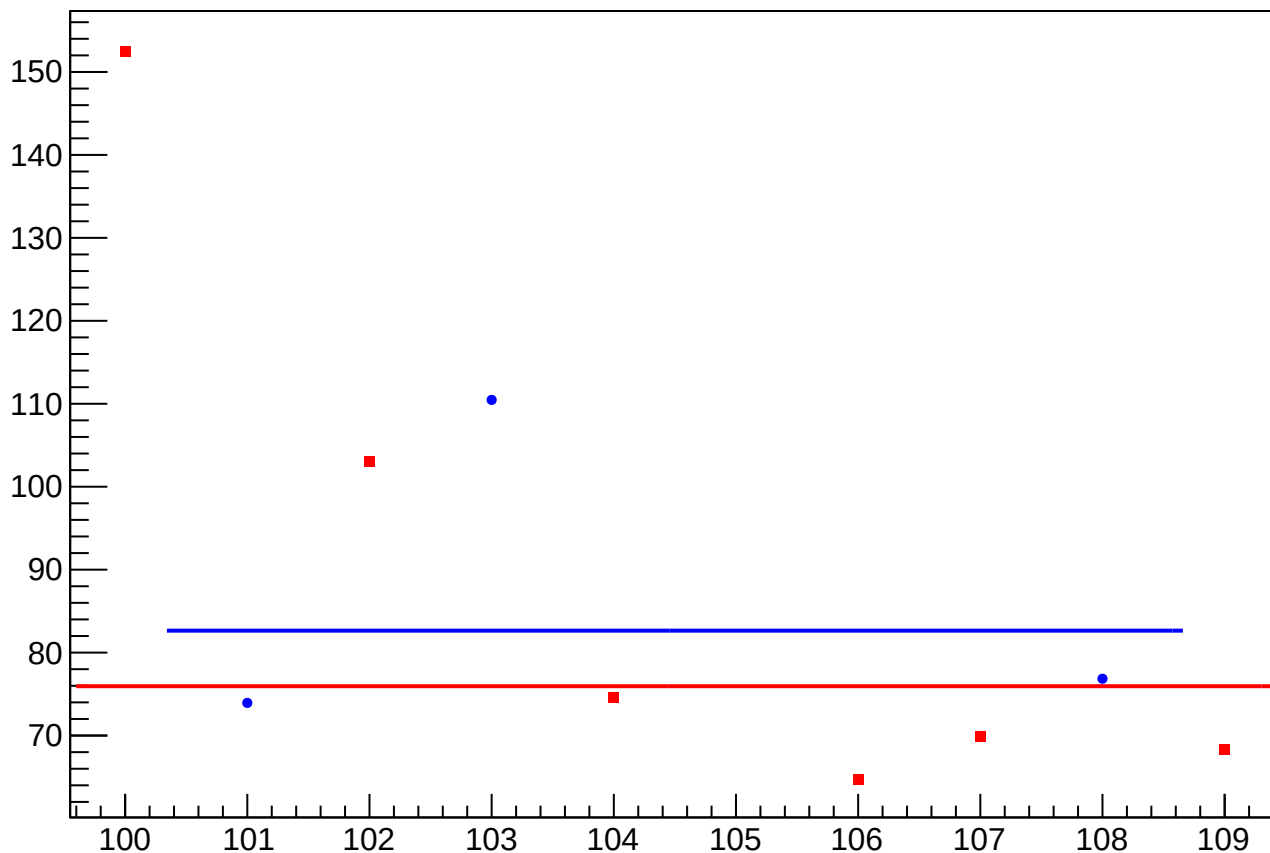
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.509+/-41.324 χ^2/NDF : 11.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



Right In: 82.647 $\pm$ 0.047 χ^2 /NDF: 96868.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.949 $\pm$ 0.037 χ^2 /NDF: 153779.4/5

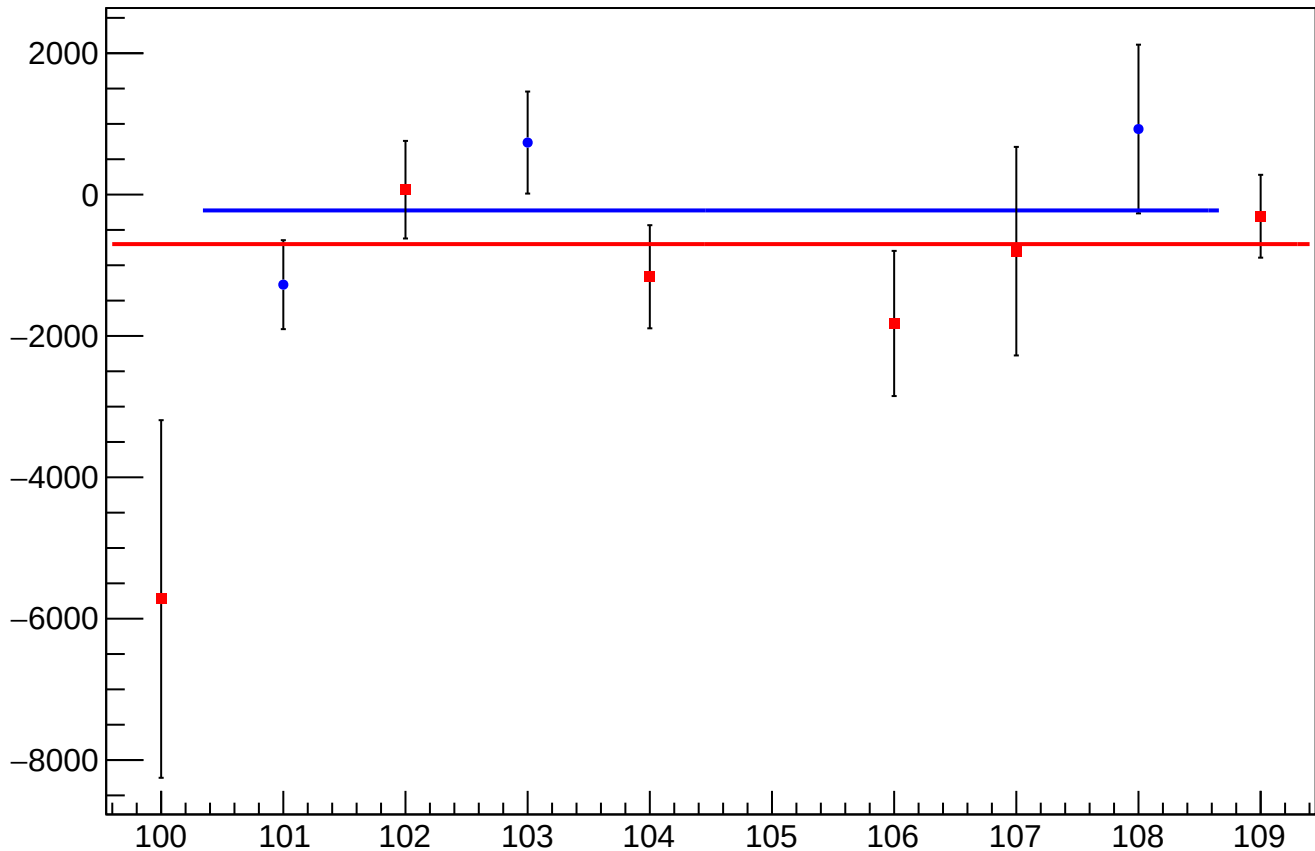
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.533 $\pm$ 0.029 χ^2 /NDF: 263096.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: -224.247 ± 440.787 χ^2/NDF : 5.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -700.649 ± 343.957 χ^2/NDF : 7.2/5

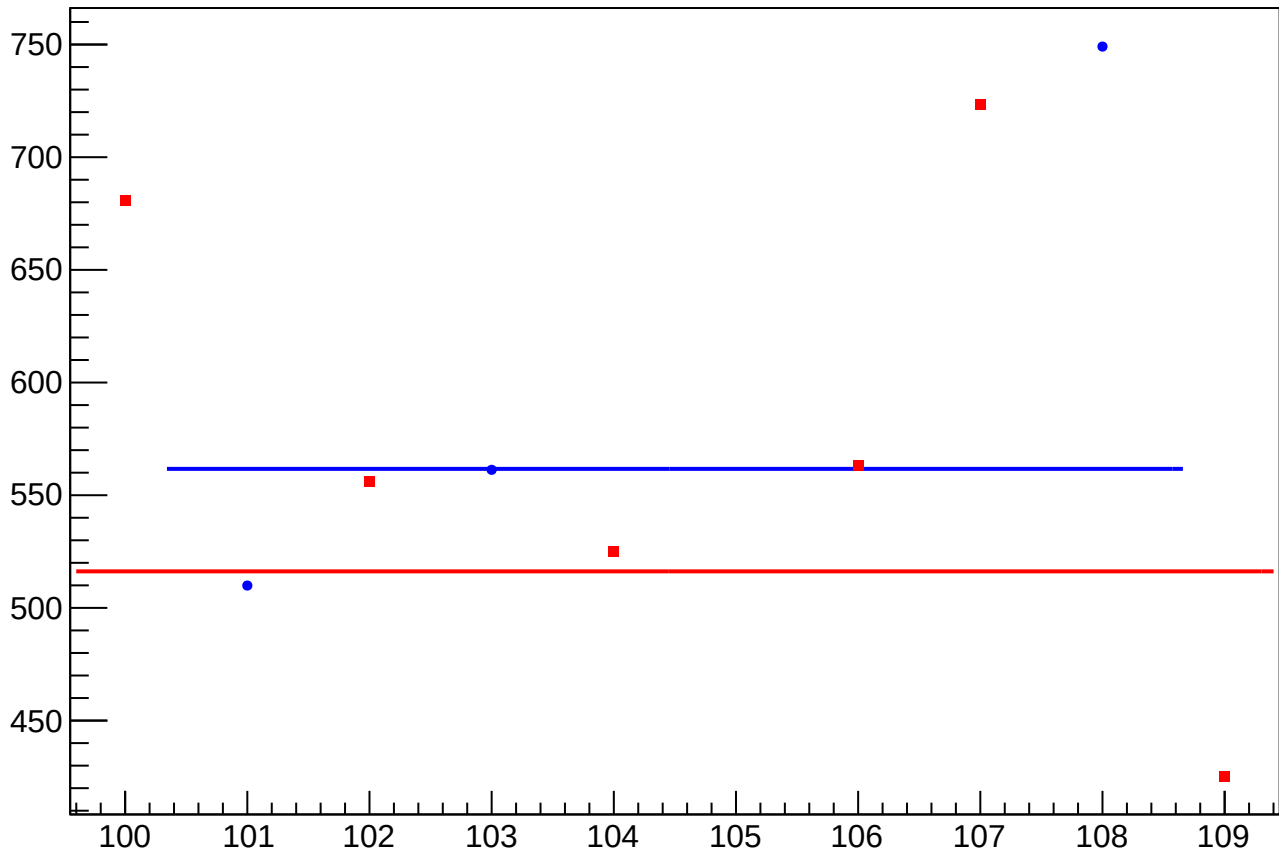
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -520.350 ± 271.168 χ^2/NDF : 13.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 561.696 $\pm$ 0.312 χ^2 /NDF: 62853.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 516.215 $\pm$ 0.243 χ^2 /NDF: 107485.5/5

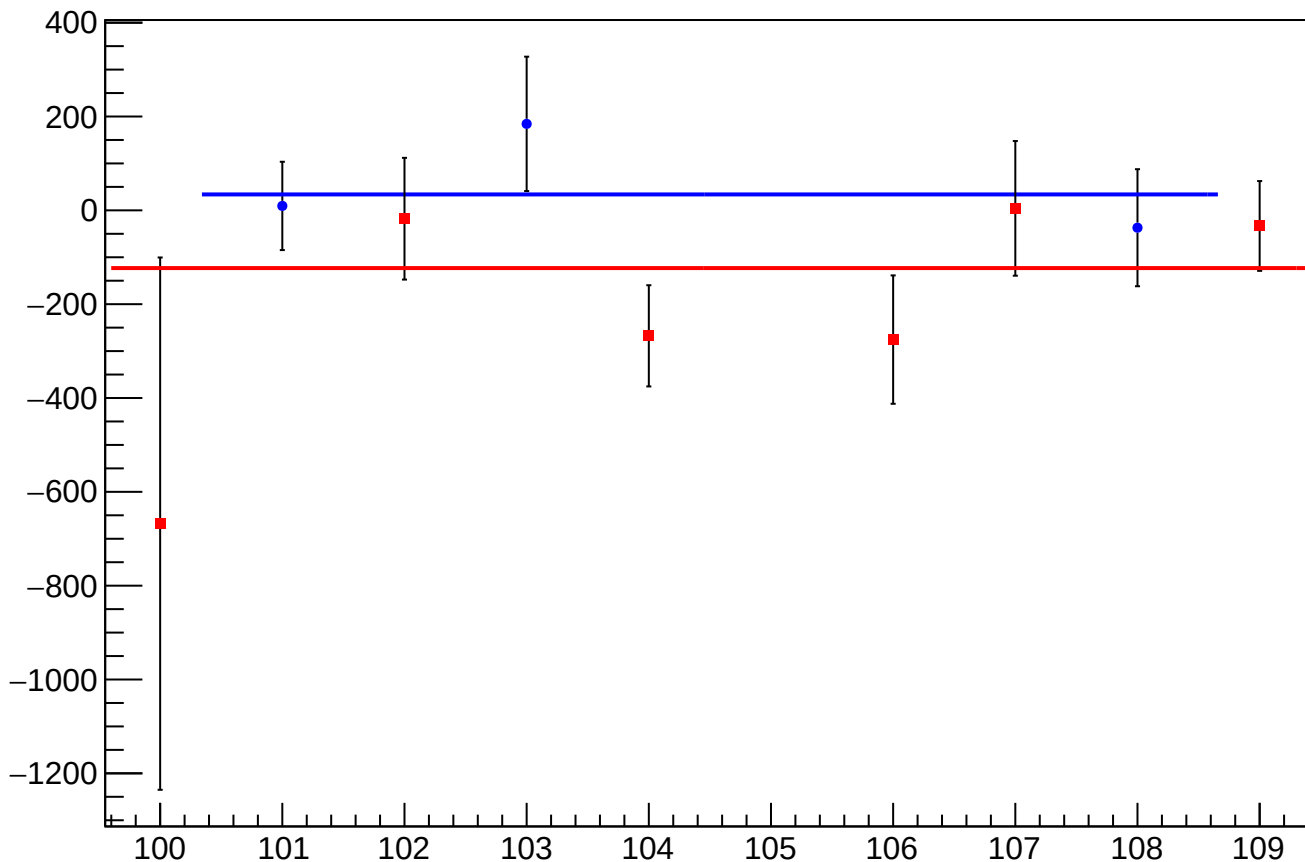
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 533.428 $\pm$ 0.192 χ^2 /NDF: 183574.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: 33.926+/-66.536 χ^2/NDF : 1.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -123.068+/-52.727 χ^2/NDF : 6.3/5

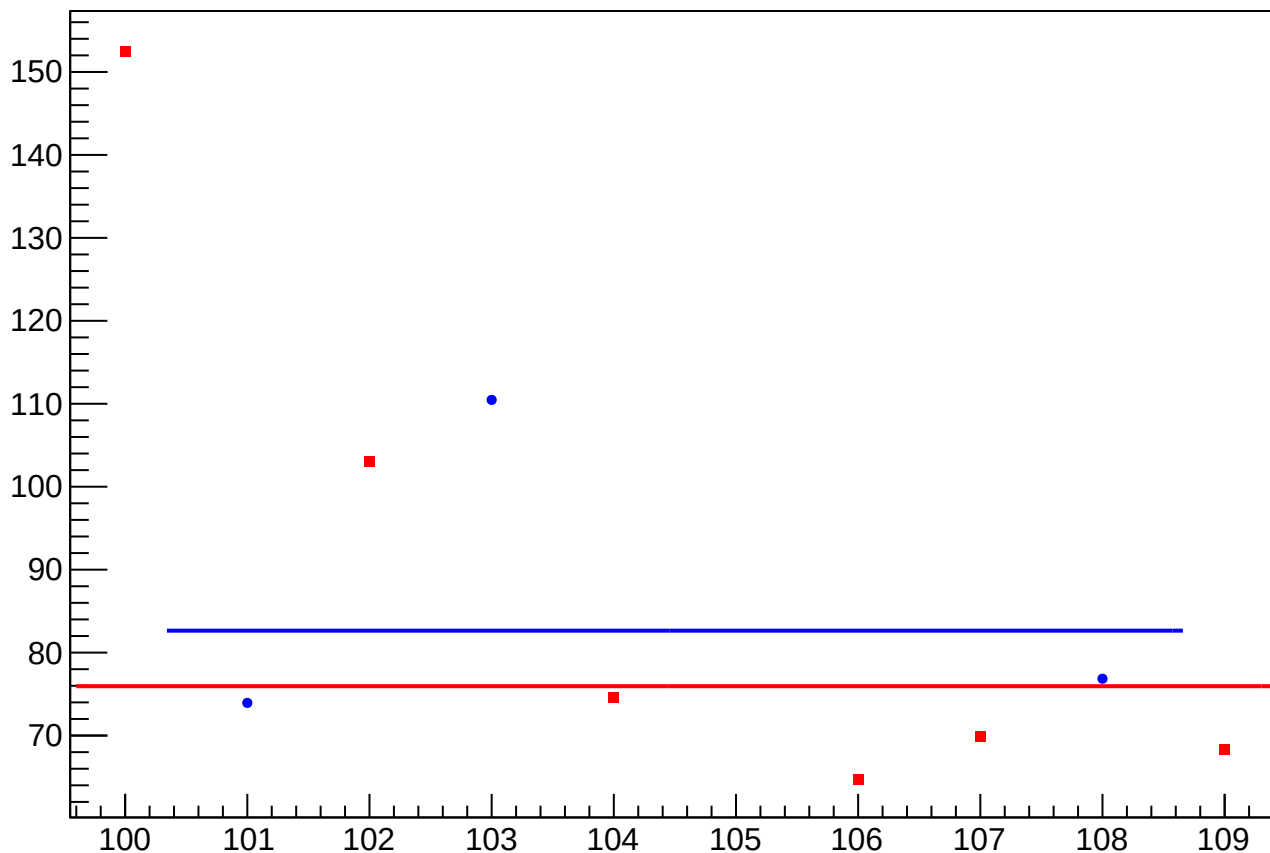
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.508+/-41.324 χ^2/NDF : 11.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 82.647 $\pm$ 0.047 χ^2 /NDF: 96866.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.949 $\pm$ 0.037 χ^2 /NDF: 153778.5/5

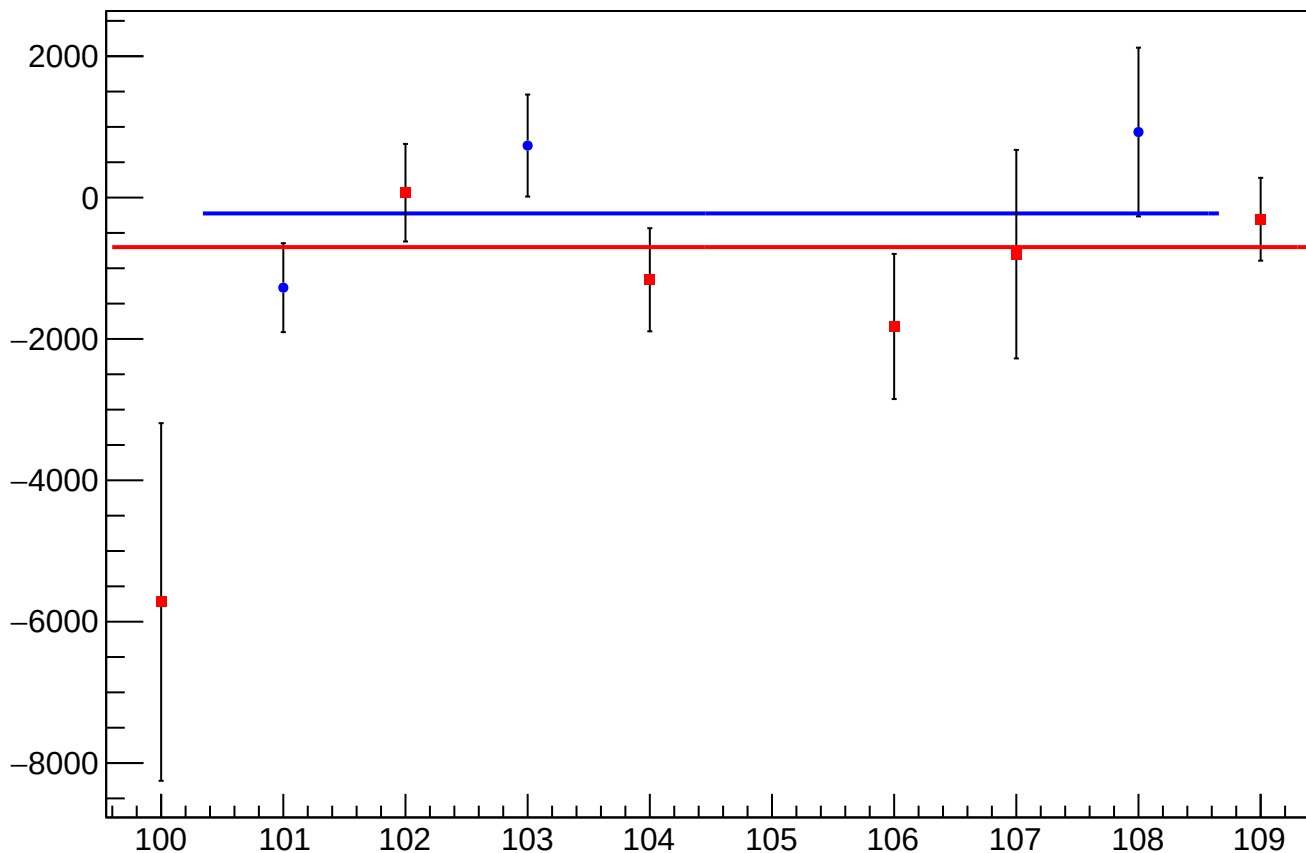
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.533 $\pm$ 0.029 χ^2 /NDF: 263094.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



Right In: -224.248+/-440.787 χ^2 /NDF: 5.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -700.649+/-343.957 χ^2 /NDF: 7.2/5

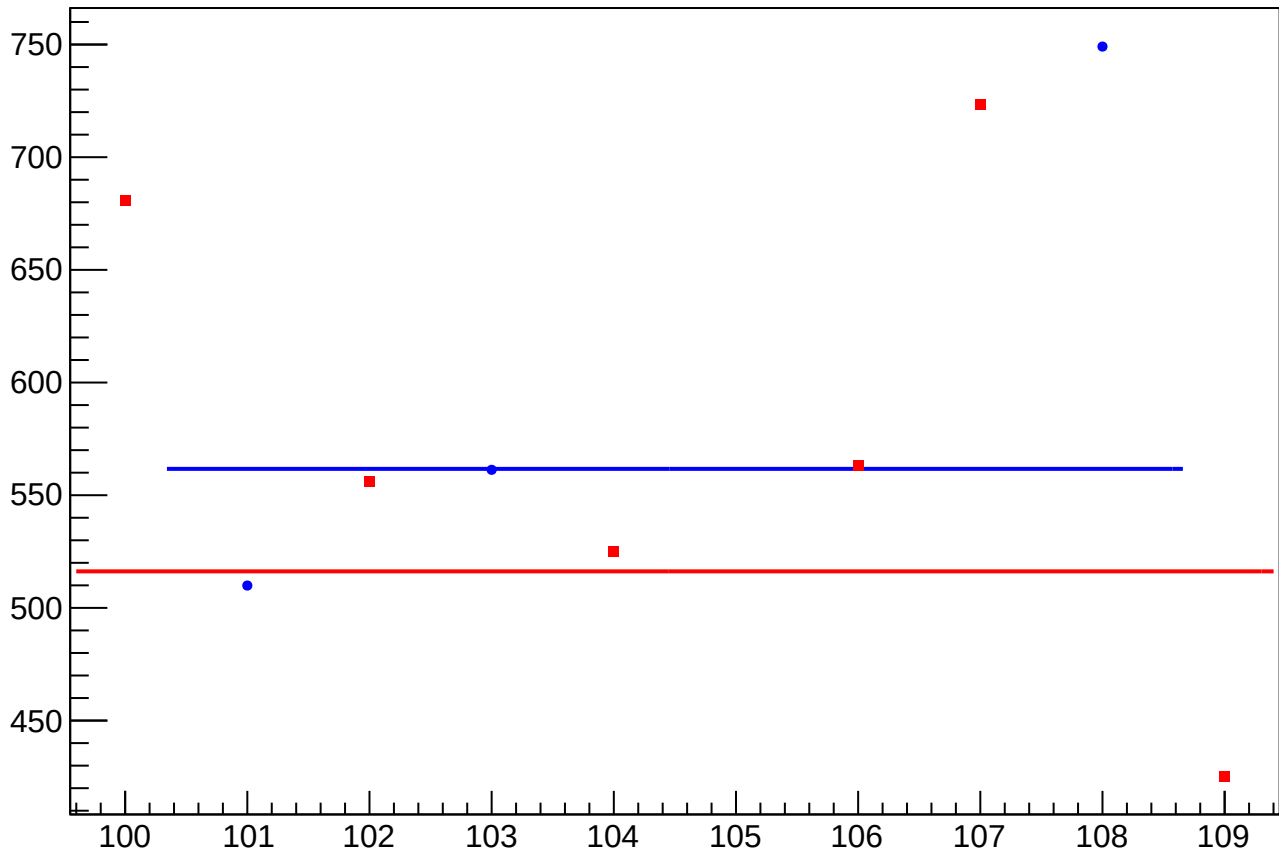
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -520.350+/-271.168 χ^2 /NDF: 13.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug



Right In: 561.696 $\pm$ 0.312 χ^2 /NDF: 62853.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 516.214 $\pm$ 0.243 χ^2 /NDF: 107486.1/5

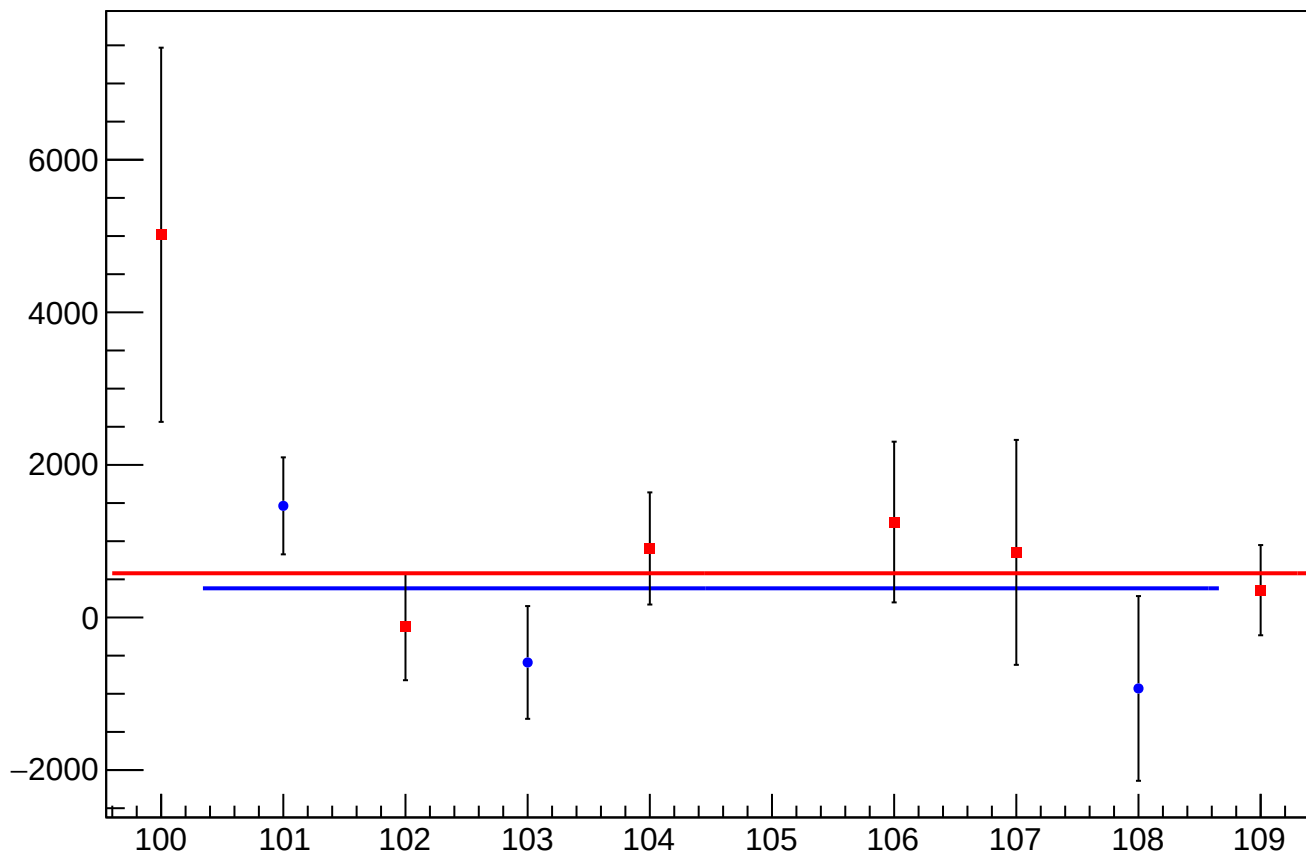
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 533.427 $\pm$ 0.192 χ^2 /NDF: 183574.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: 382.311+/-447.793 χ^2/NDF : 5.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 579.576+/-347.443 χ^2/NDF : 5.1/5

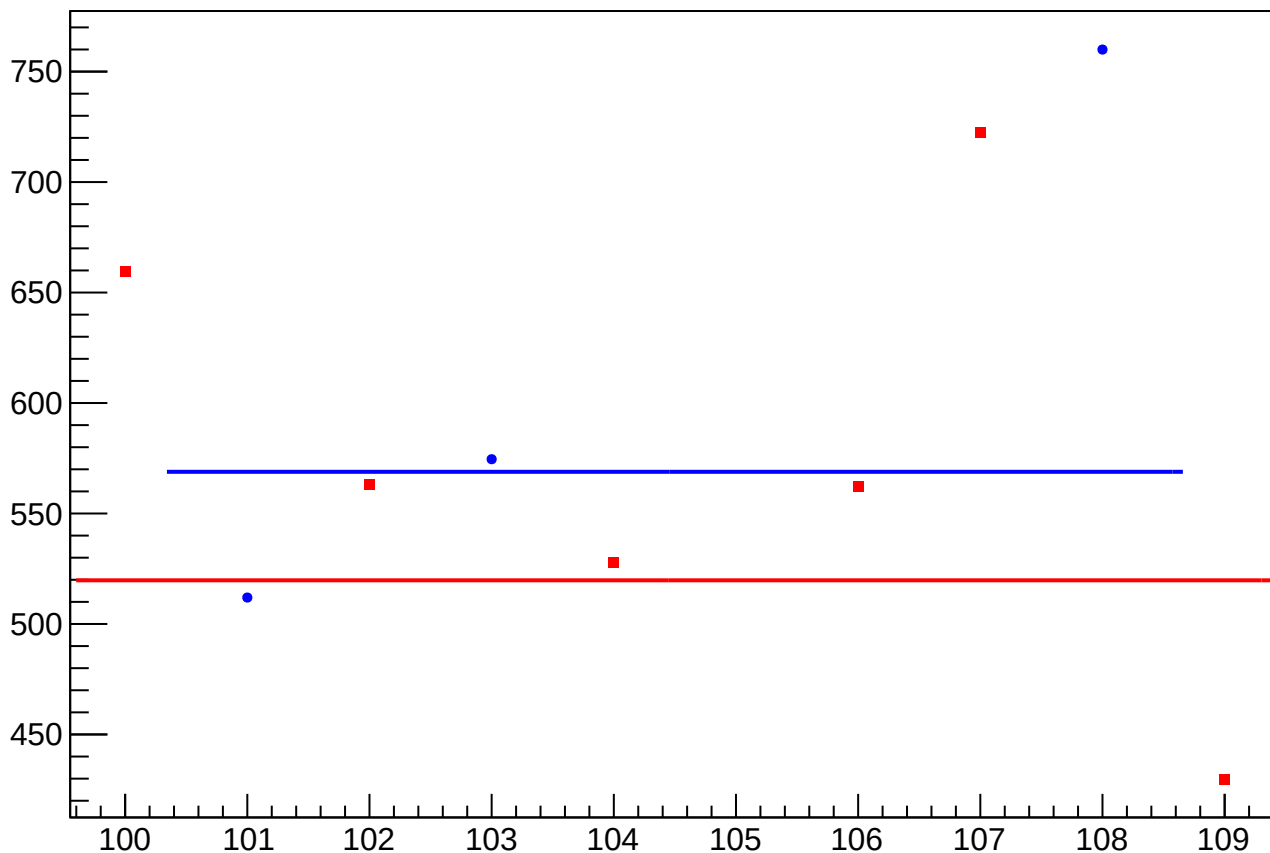
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.446+/-274.504 χ^2/NDF : 11.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



Right In: 568.872 $\pm$ 0.317 χ^2 /NDF: 65972.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 519.758 $\pm$ 0.246 χ^2 /NDF: 102183.1/5

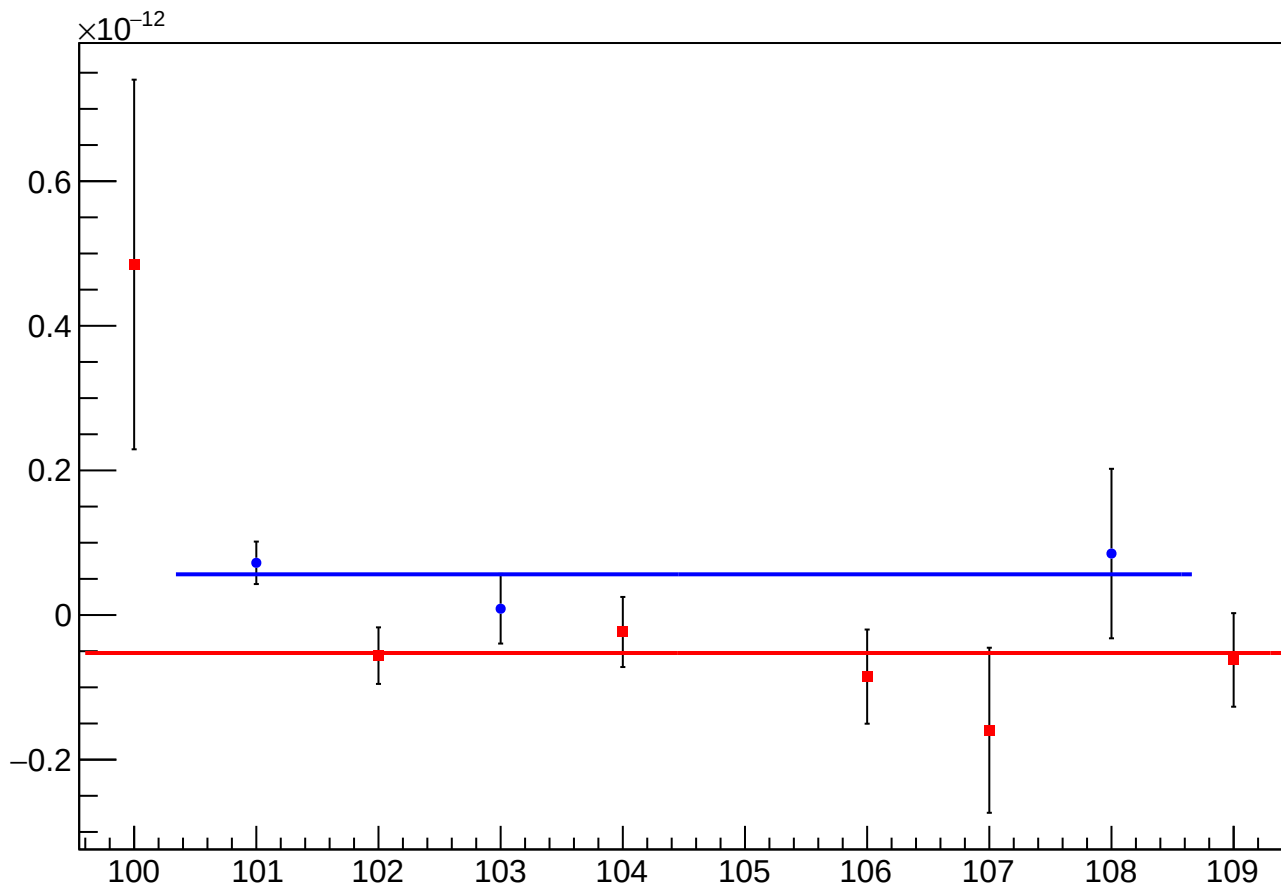
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 538.215 $\pm$ 0.194 χ^2 /NDF: 183173.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 5.9/5

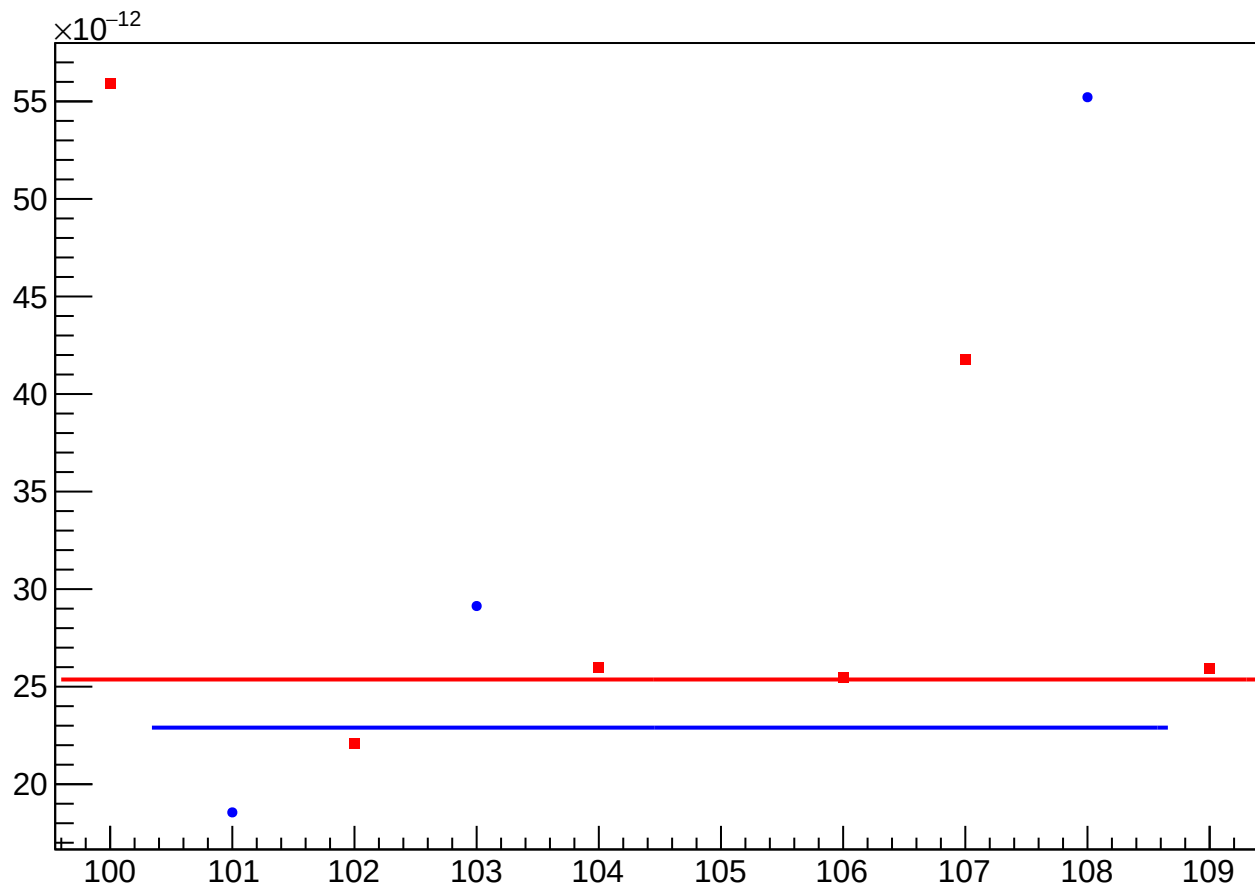
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 17.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 229291.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 84503.2/5

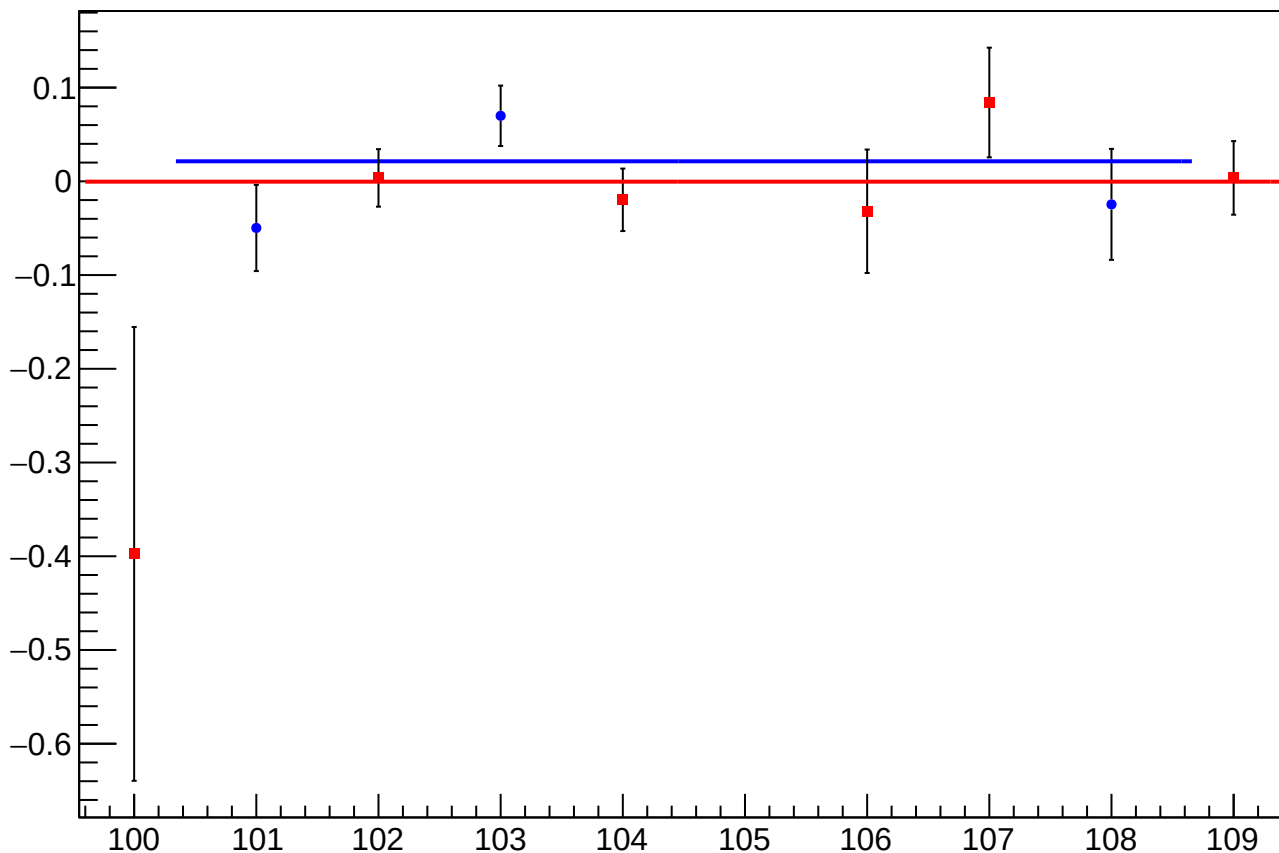
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 323864.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.024 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

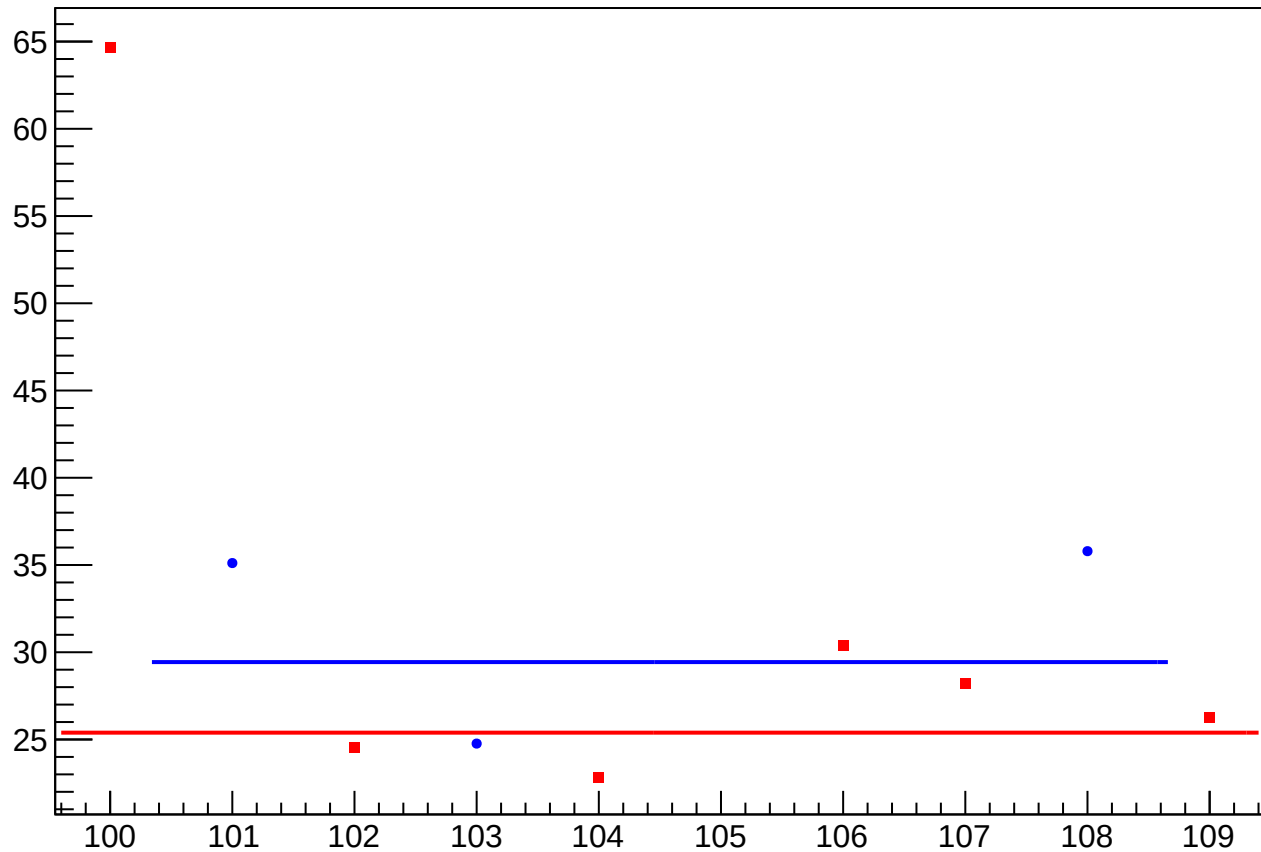
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.014 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug



Right In: 29.436+/-0.017 χ^2/NDF : 95473.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.391+/-0.013 χ^2/NDF : 83082.4/5

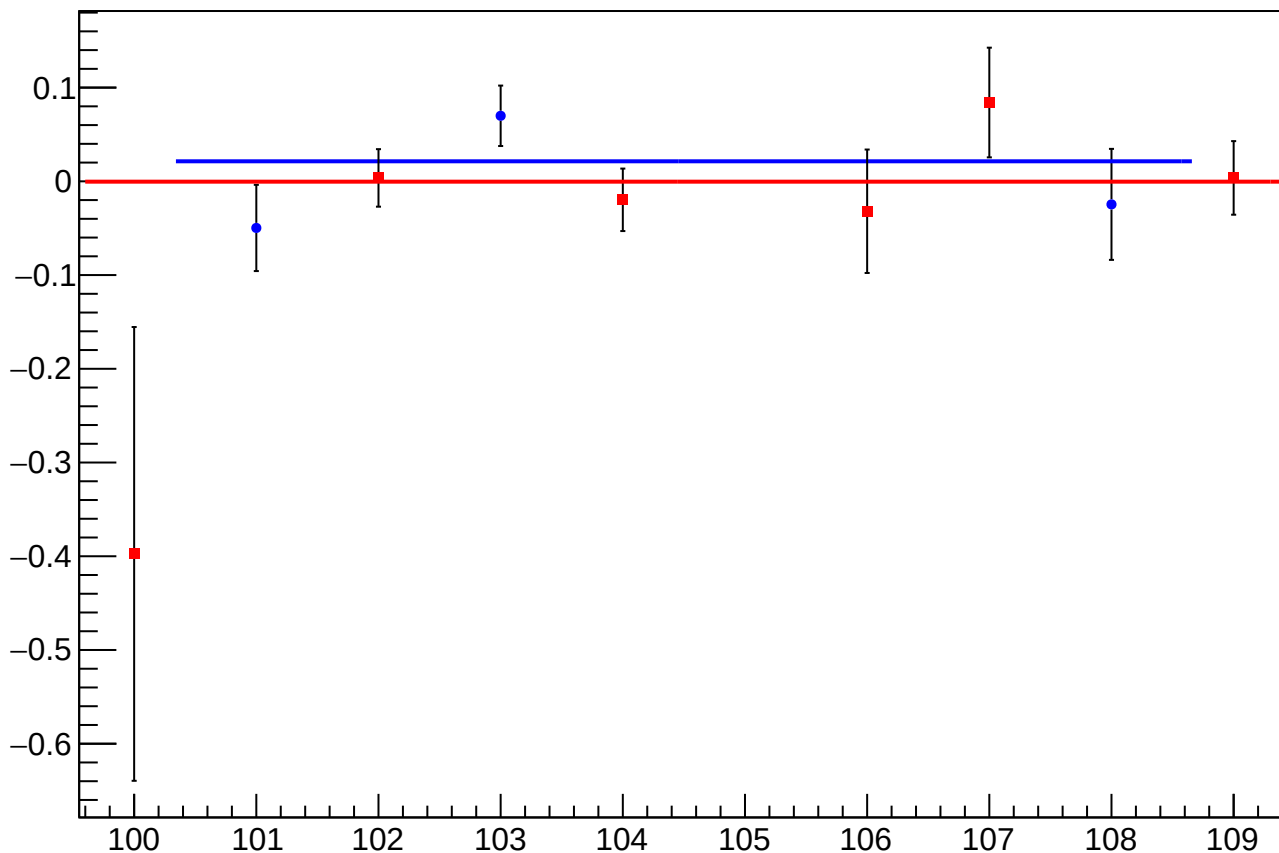
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.820+/-0.010 χ^2/NDF : 214952.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.024 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

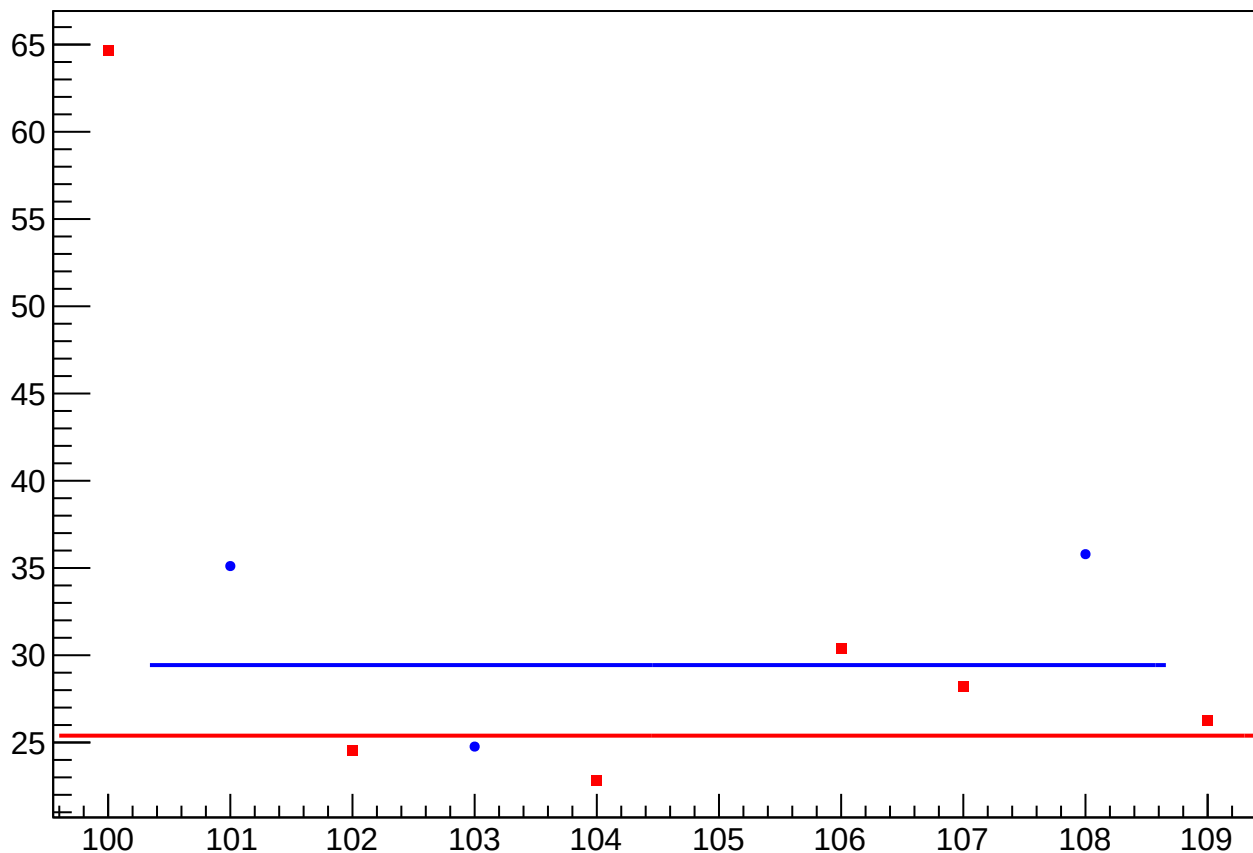
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.014 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.436+/-0.017 χ^2/NDF : 95473.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.391+/-0.013 χ^2/NDF : 83082.4/5

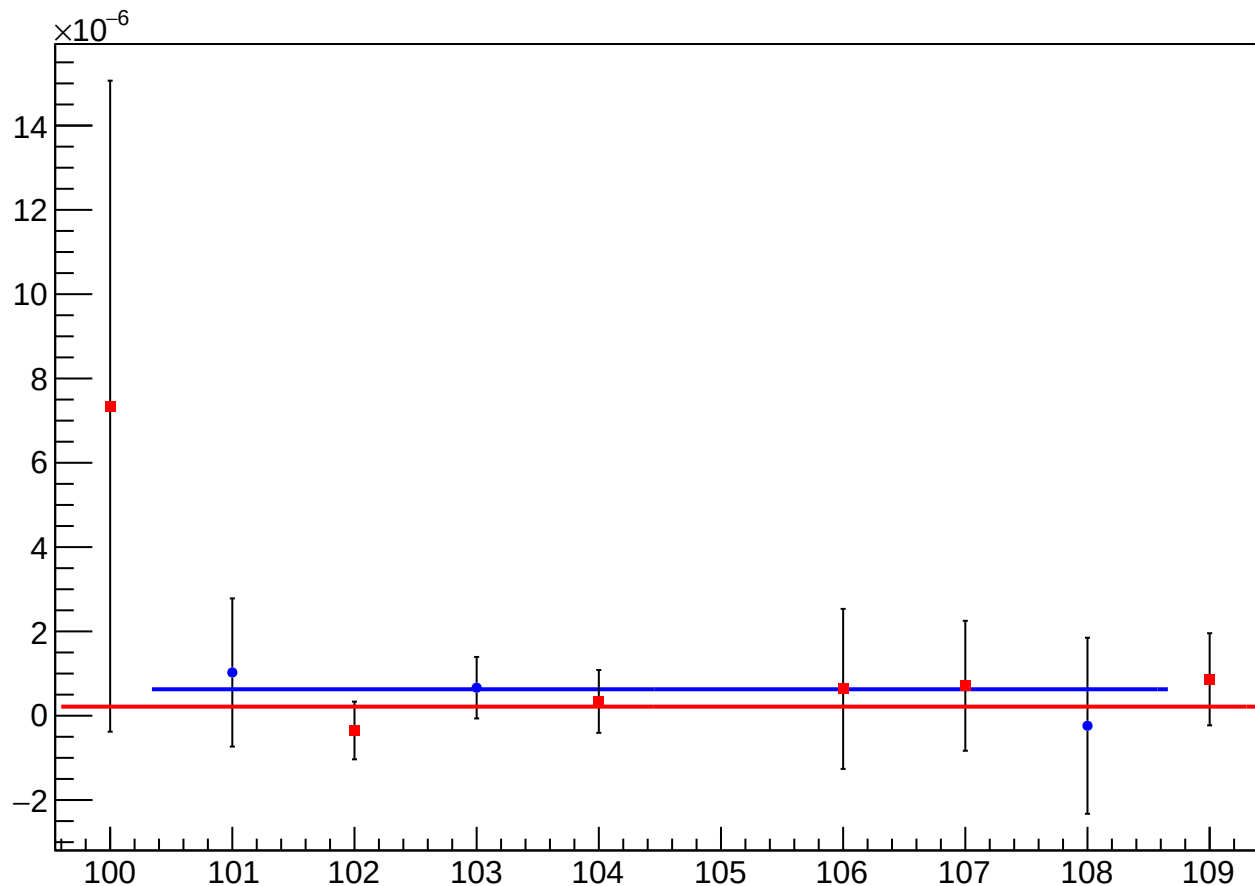
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.820+/-0.010 χ^2/NDF : 214952.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/5

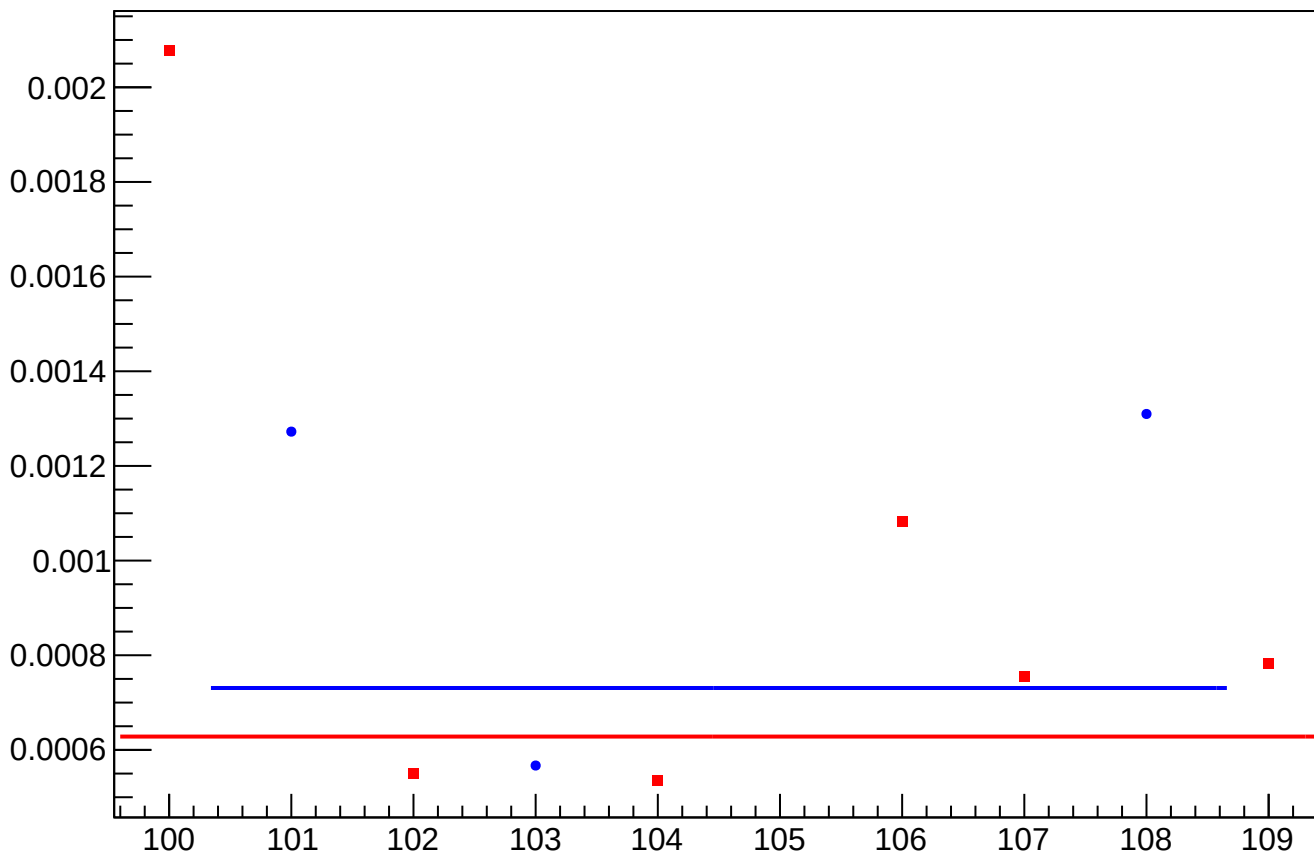
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 444589.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 295170.2/5

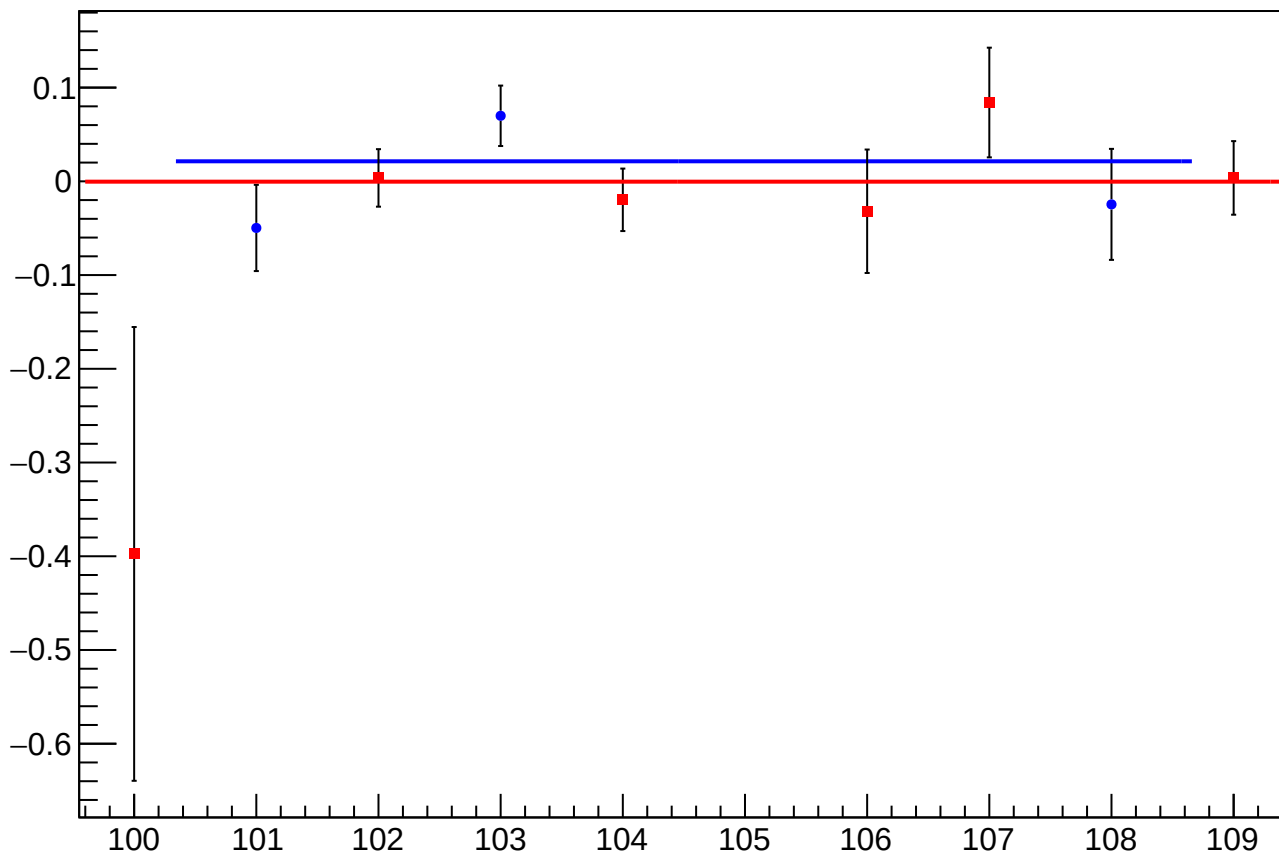
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 775274.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.024 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

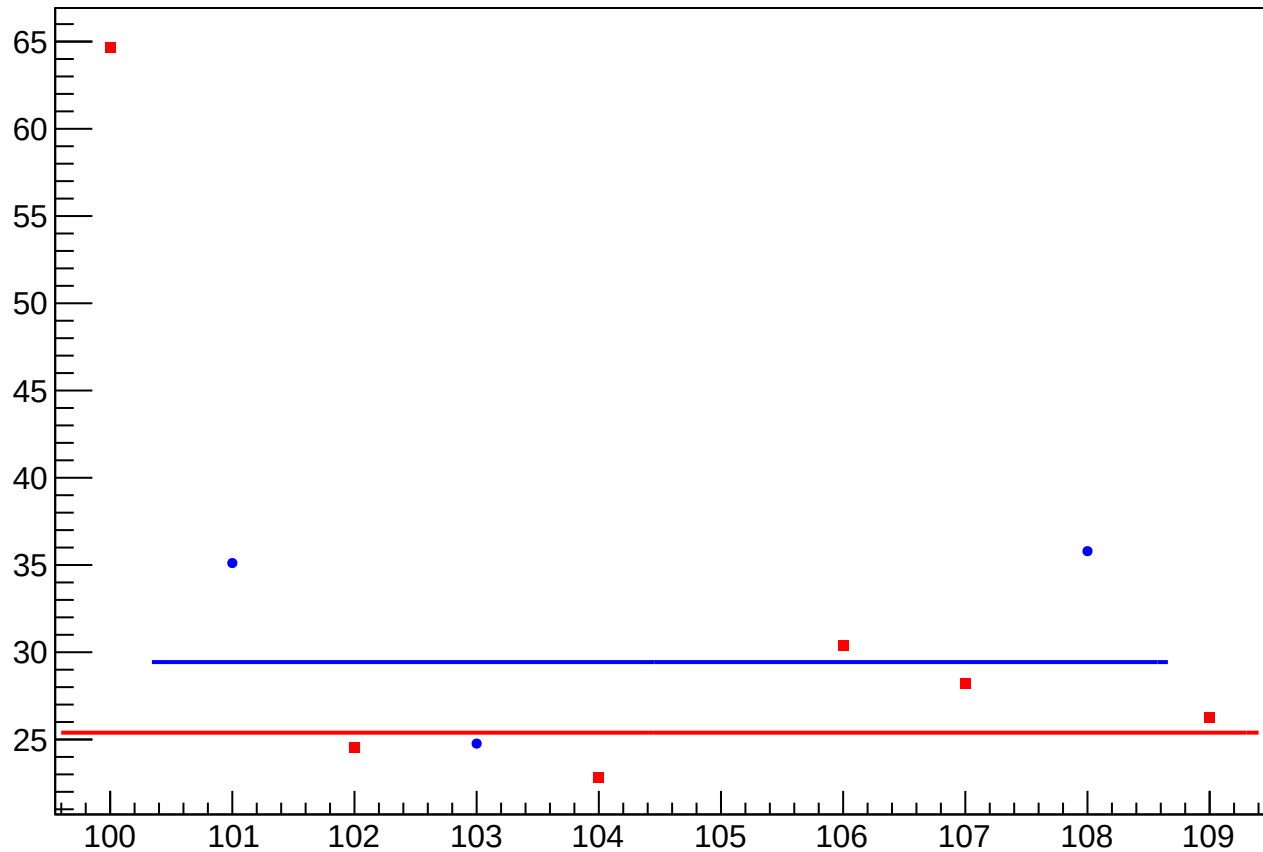
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.014 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.436 $\pm$ 0.017 χ^2 /NDF: 95477.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.392 $\pm$ 0.013 χ^2 /NDF: 83083.2/5

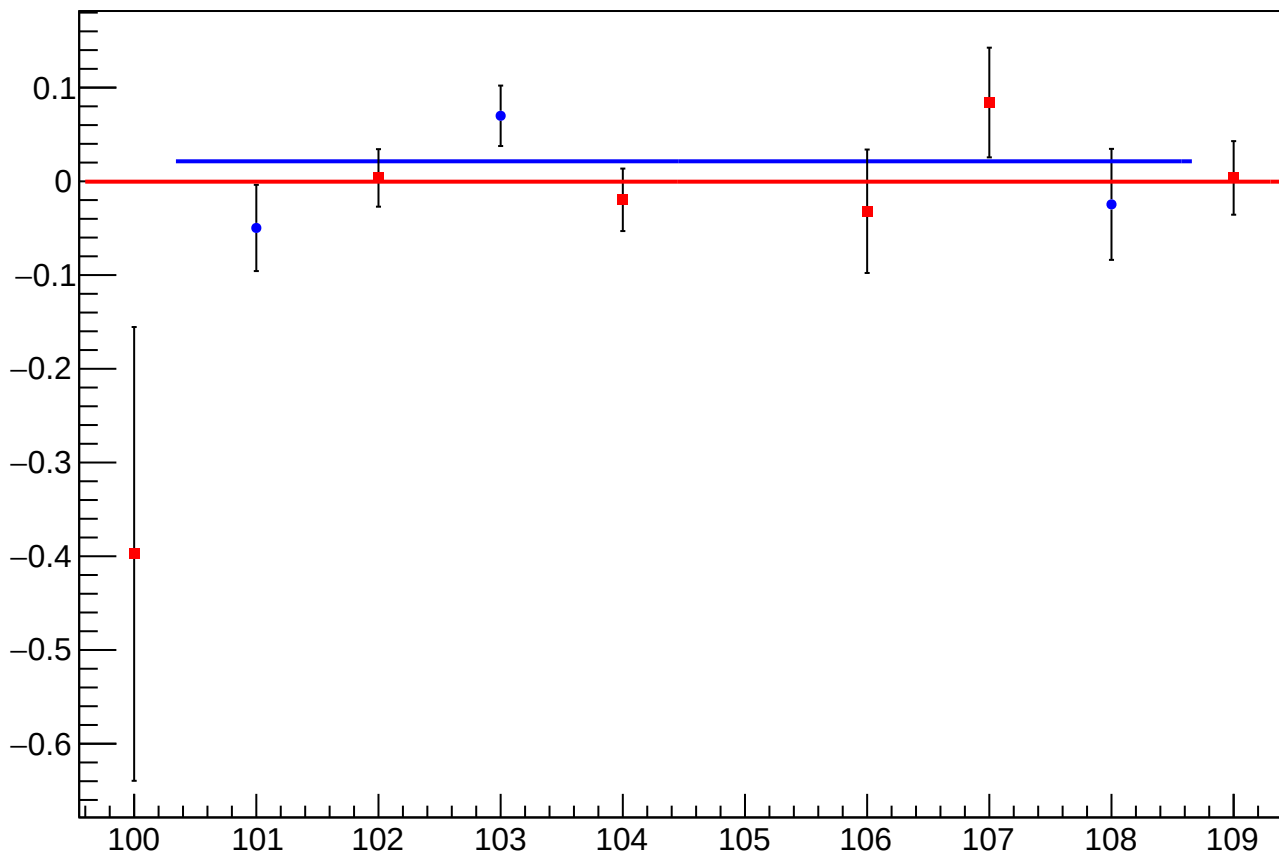
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.820 $\pm$ 0.010 χ^2 /NDF: 214959.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.024 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.018 χ^2 /NDF: 5.4/5

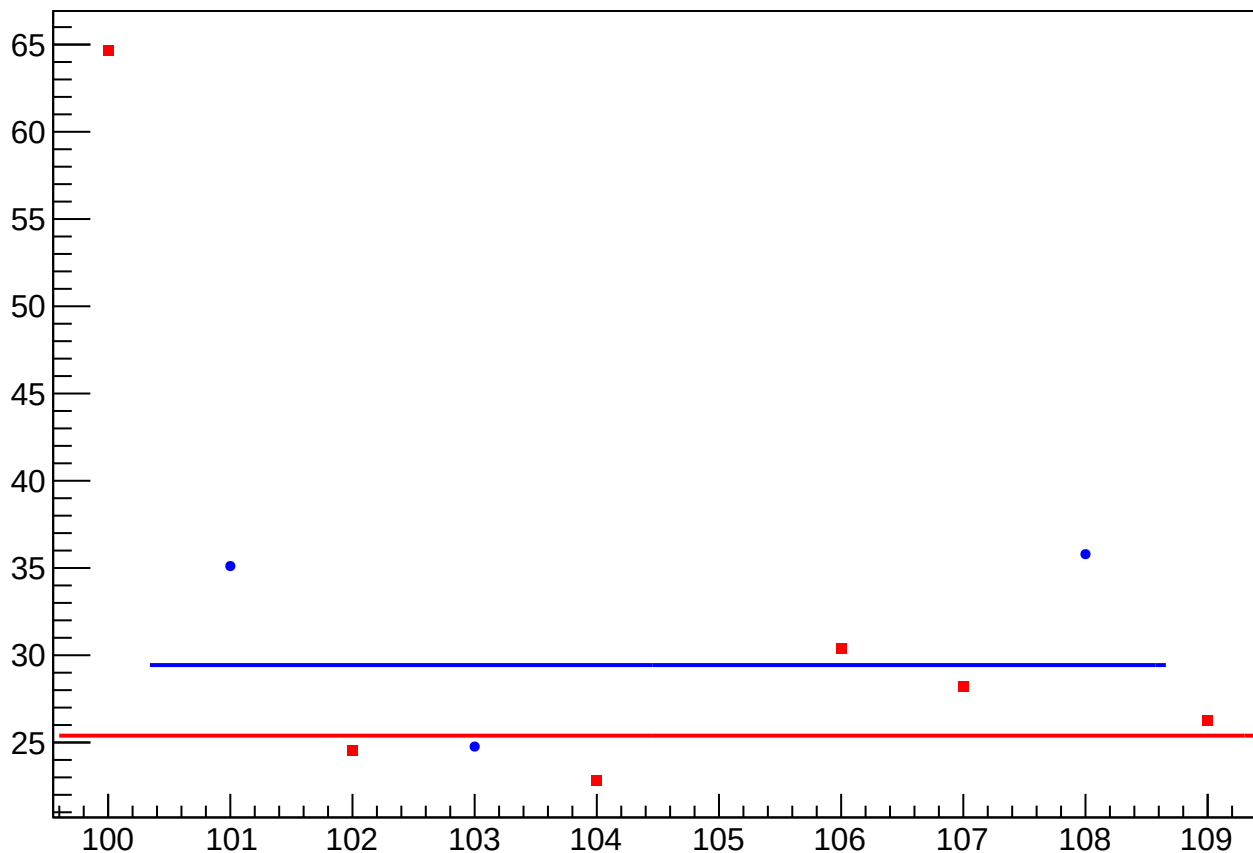
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.014 χ^2 /NDF: 11.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.436+/-0.017 χ^2/NDF : 95477.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.392+/-0.013 χ^2/NDF : 83083.2/5

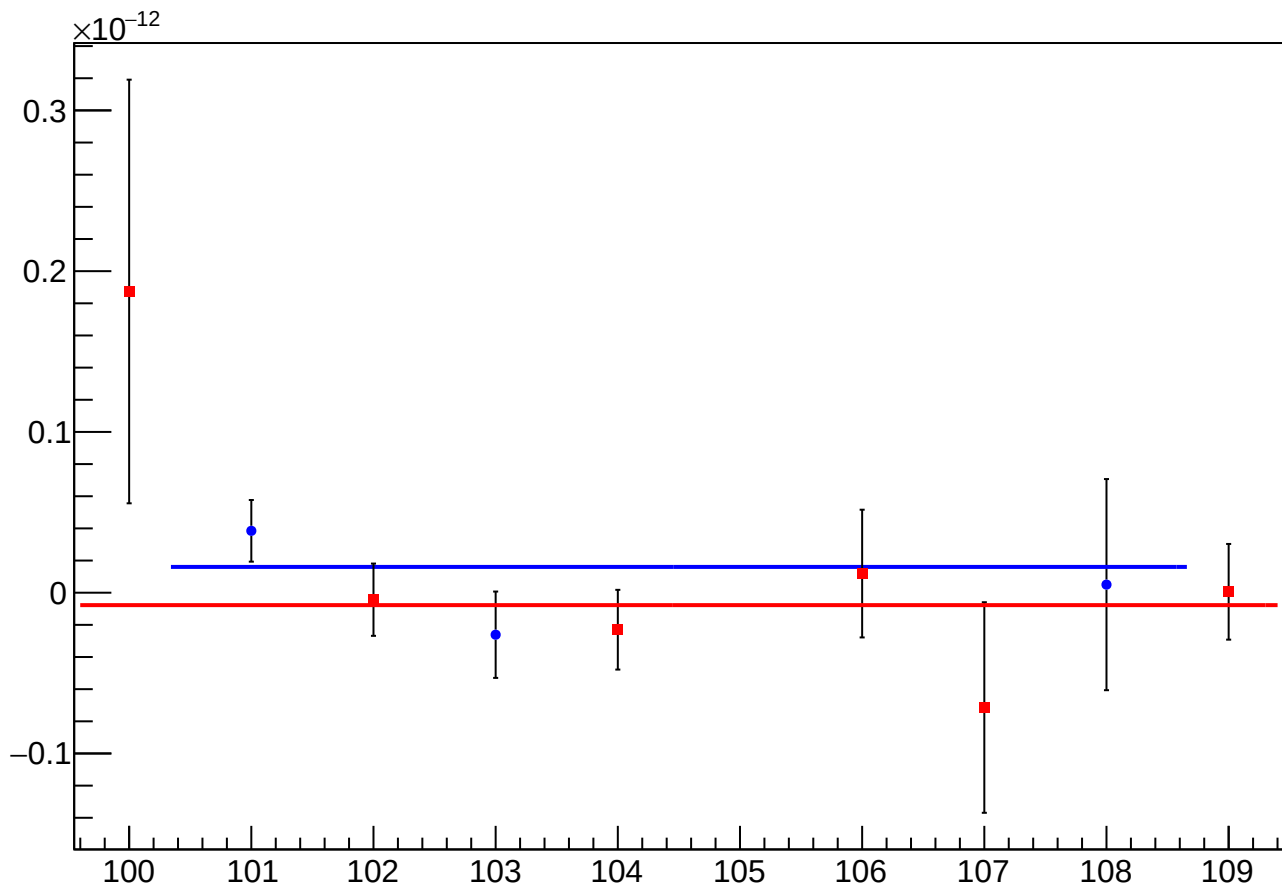
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.820+/-0.010 χ^2/NDF : 214959.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 3.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 3.9/5

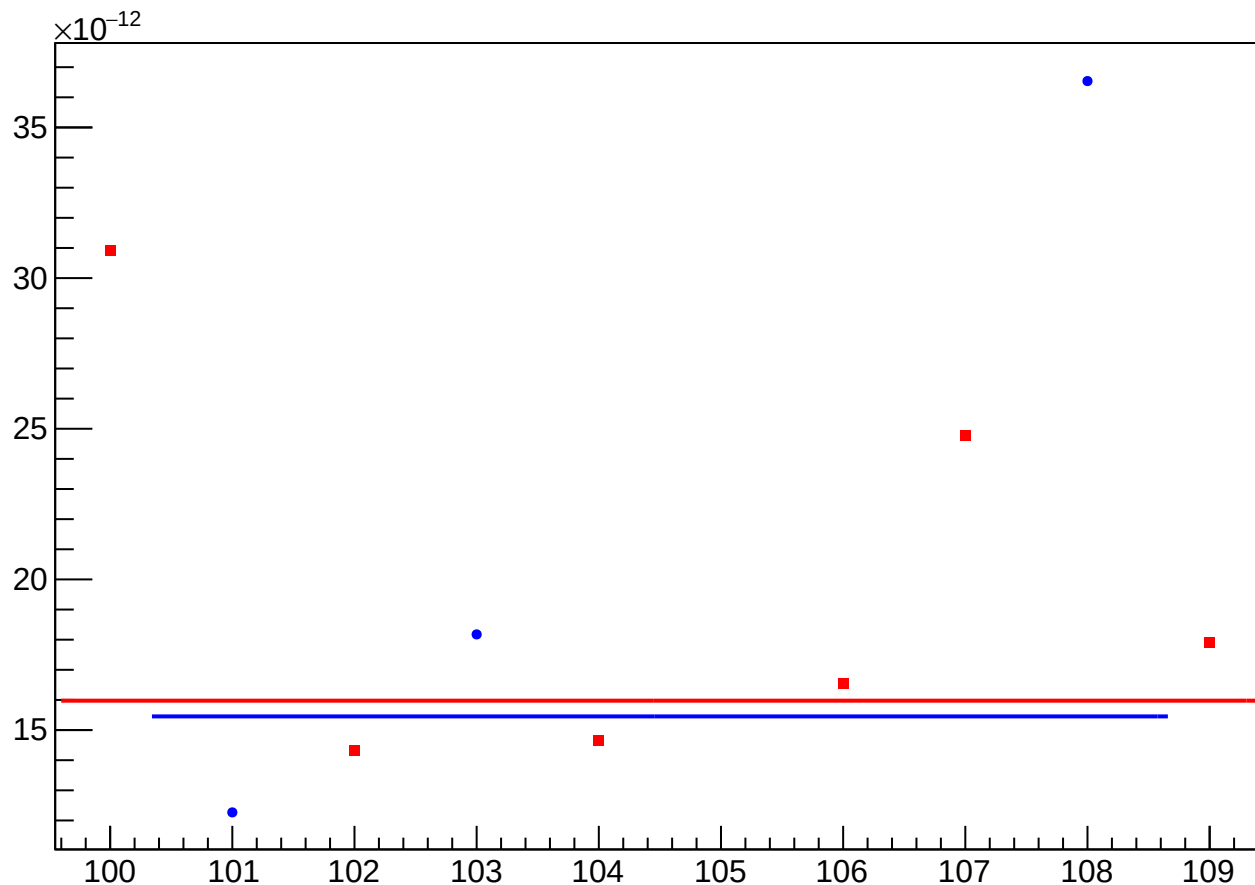
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 9.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 281951.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 87348.2/5

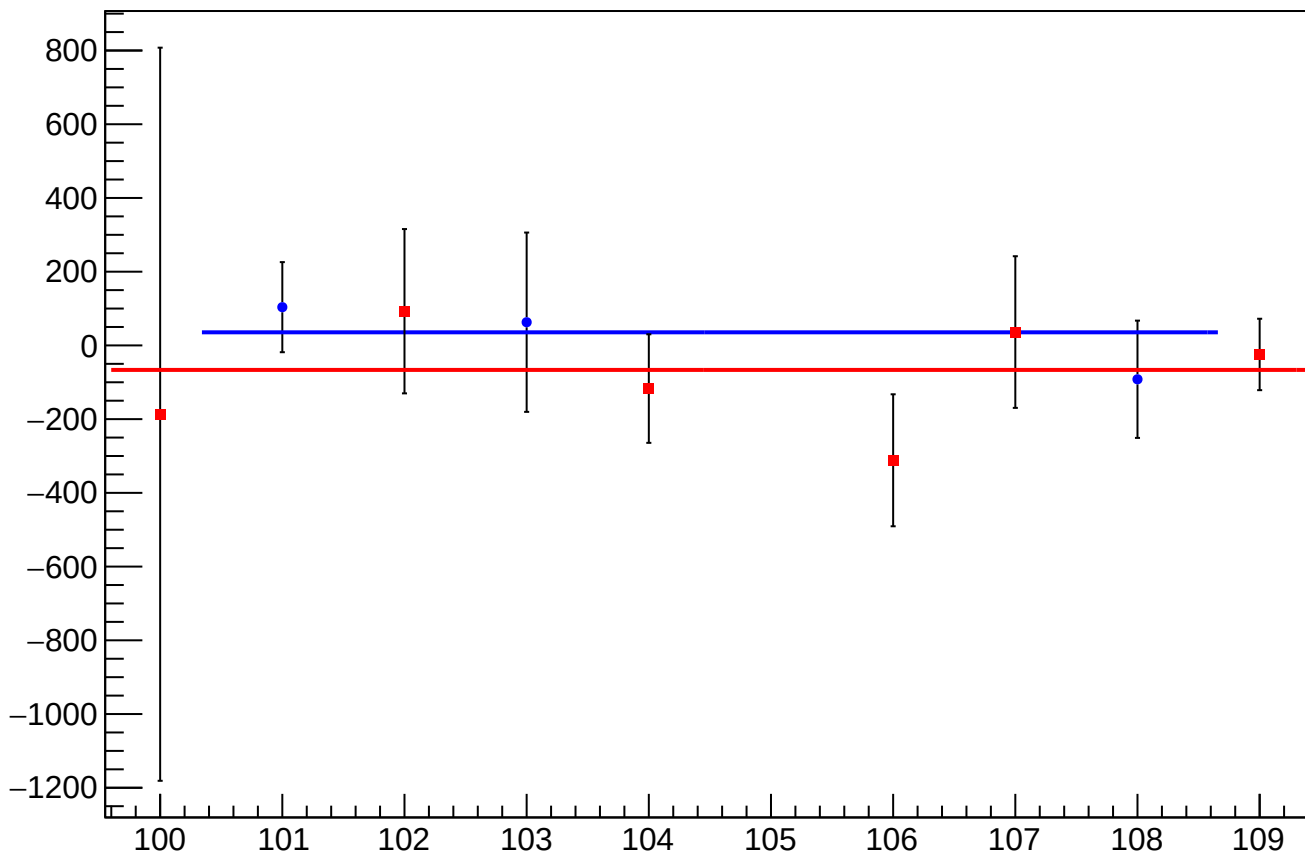
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 370637.3/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



Right In: 35.516+/-90.030 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.483+/-66.127 χ^2/NDF : 3.0/5

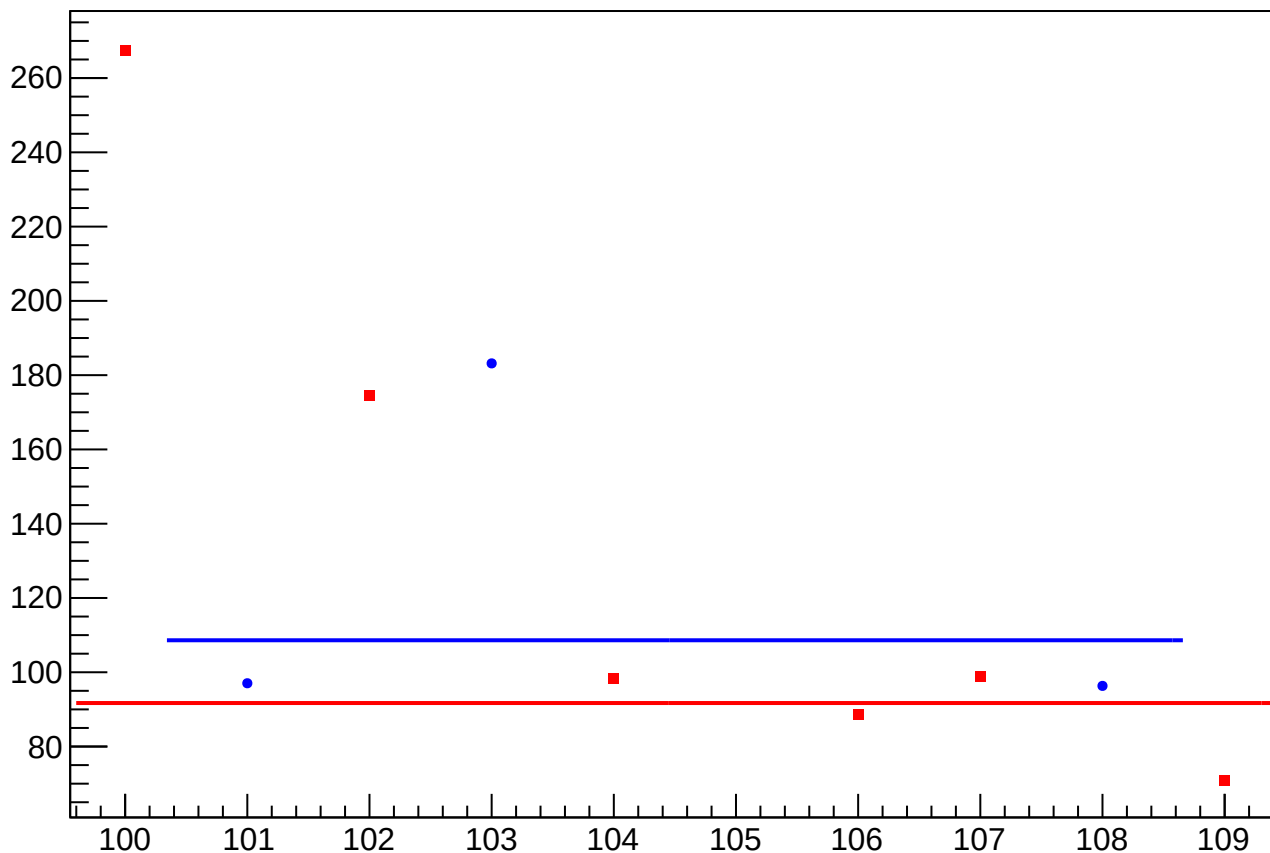
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.739+/-53.296 χ^2/NDF : 4.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



Right In: 108.613 $\pm$ 0.064 χ^2 /NDF: 217798.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.714 $\pm$ 0.047 χ^2 /NDF: 439123.3/5

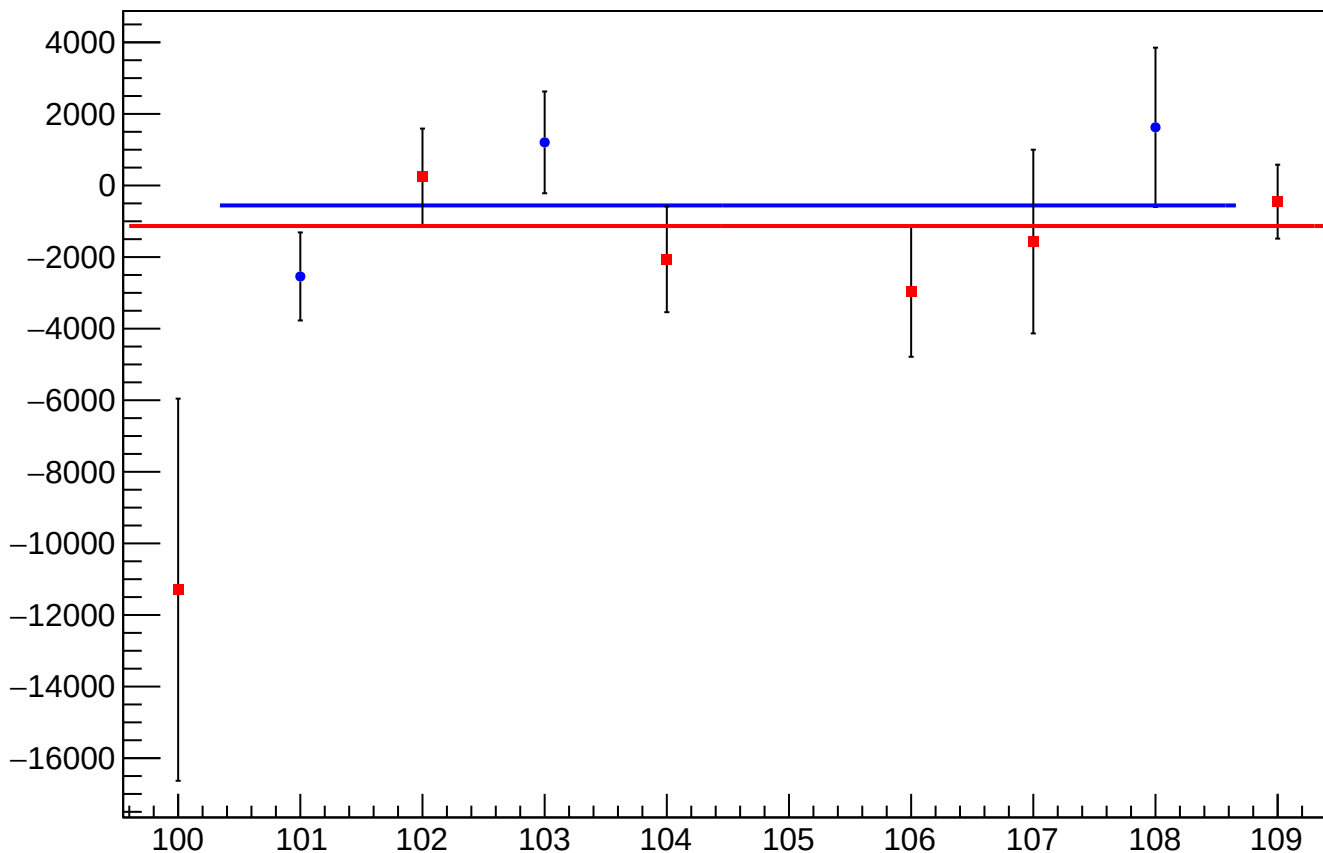
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.636 $\pm$ 0.038 χ^2 /NDF: 702693.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: -557.325+/-858.228 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1132.333+/-641.797 χ^2/NDF : 6.5/5

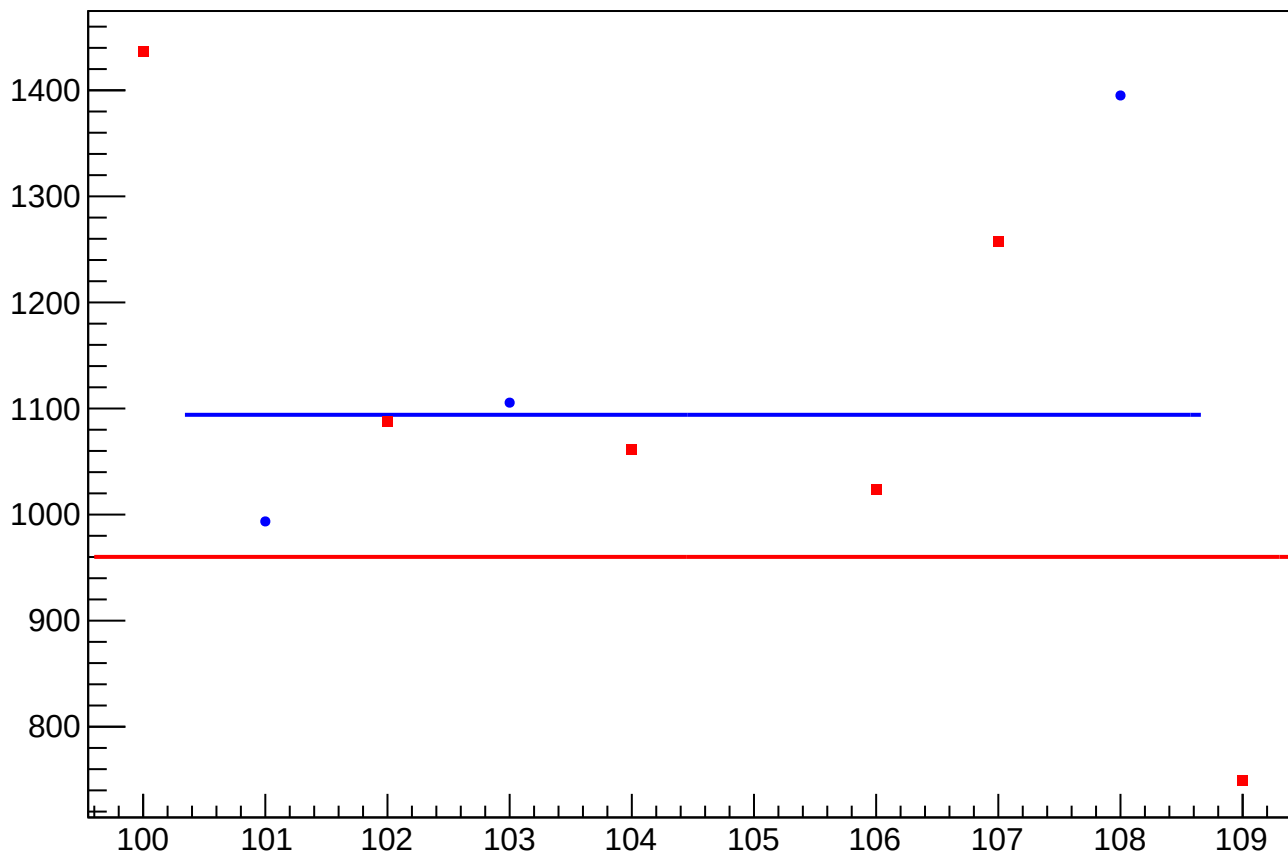
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -926.102+/-513.976 χ^2/NDF : 11.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1094.070 $\pm$ 0.607 χ^2 /NDF: 50103.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 960.116 $\pm$ 0.454 χ^2 /NDF: 155548.2/5

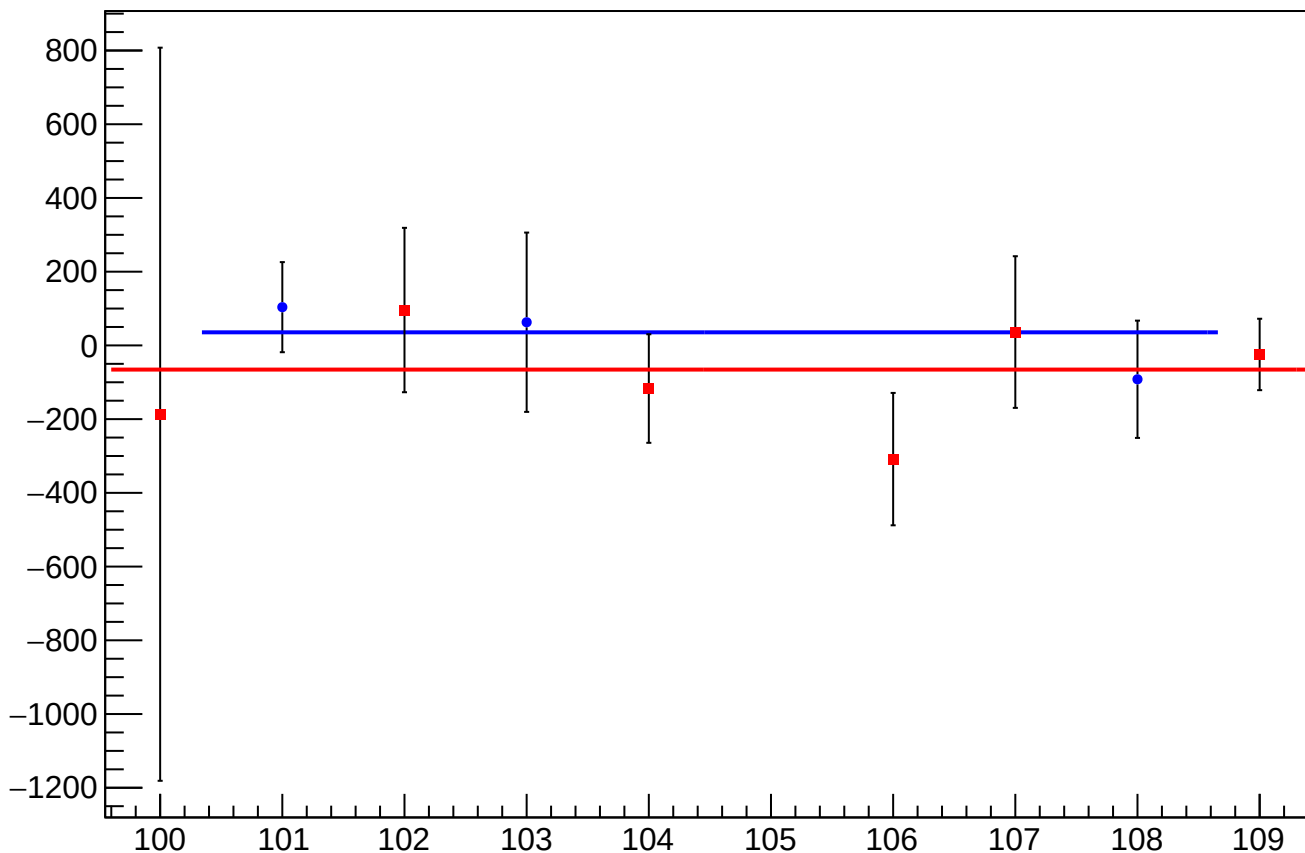
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1008.159 $\pm$ 0.363 χ^2 /NDF: 236900.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3748_avg_mean vs Slug



Right In: 35.496+/-90.030 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.579+/-66.157 χ^2/NDF : 2.9/5

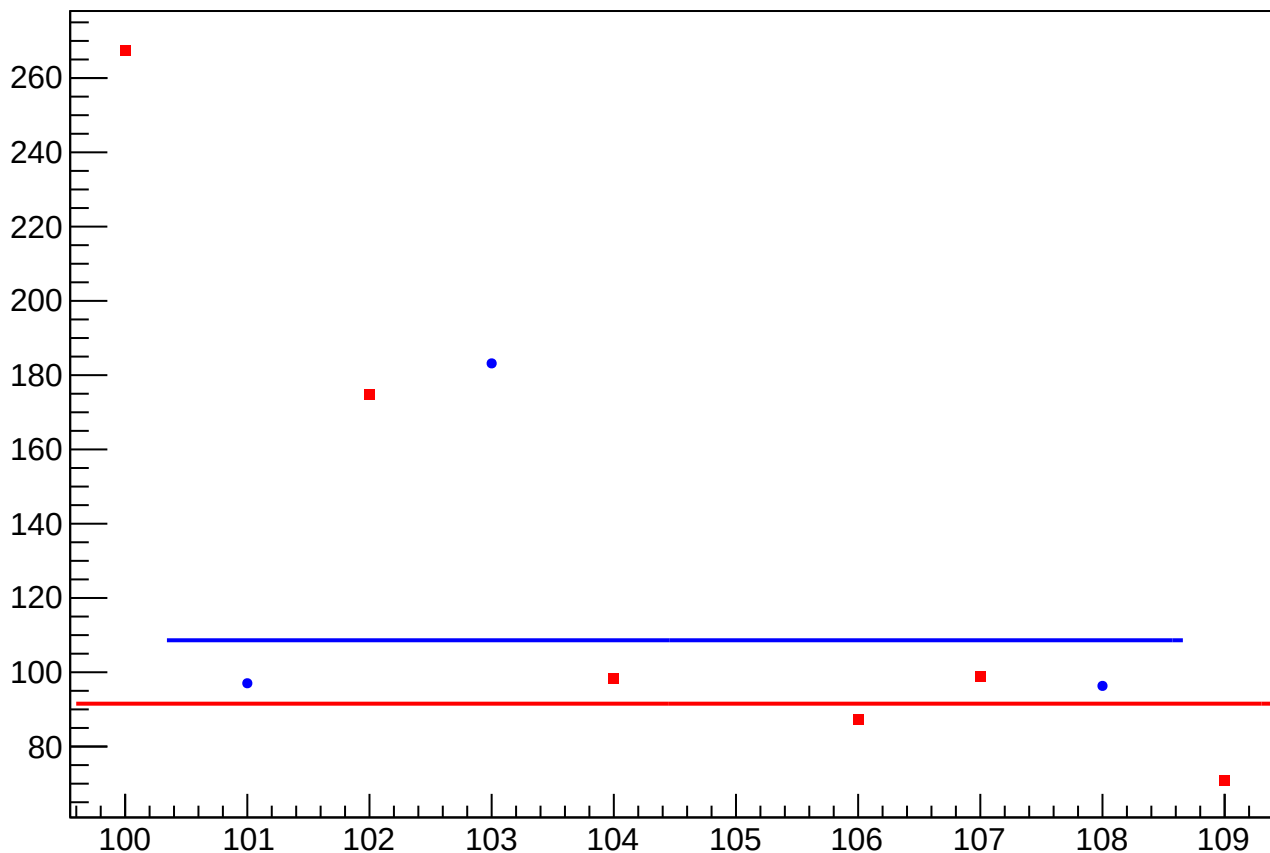
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.138+/-53.311 χ^2/NDF : 4.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 108.613 $\pm$ 0.064 χ^2 /NDF: 217801.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.539 $\pm$ 0.047 χ^2 /NDF: 439956.9/5

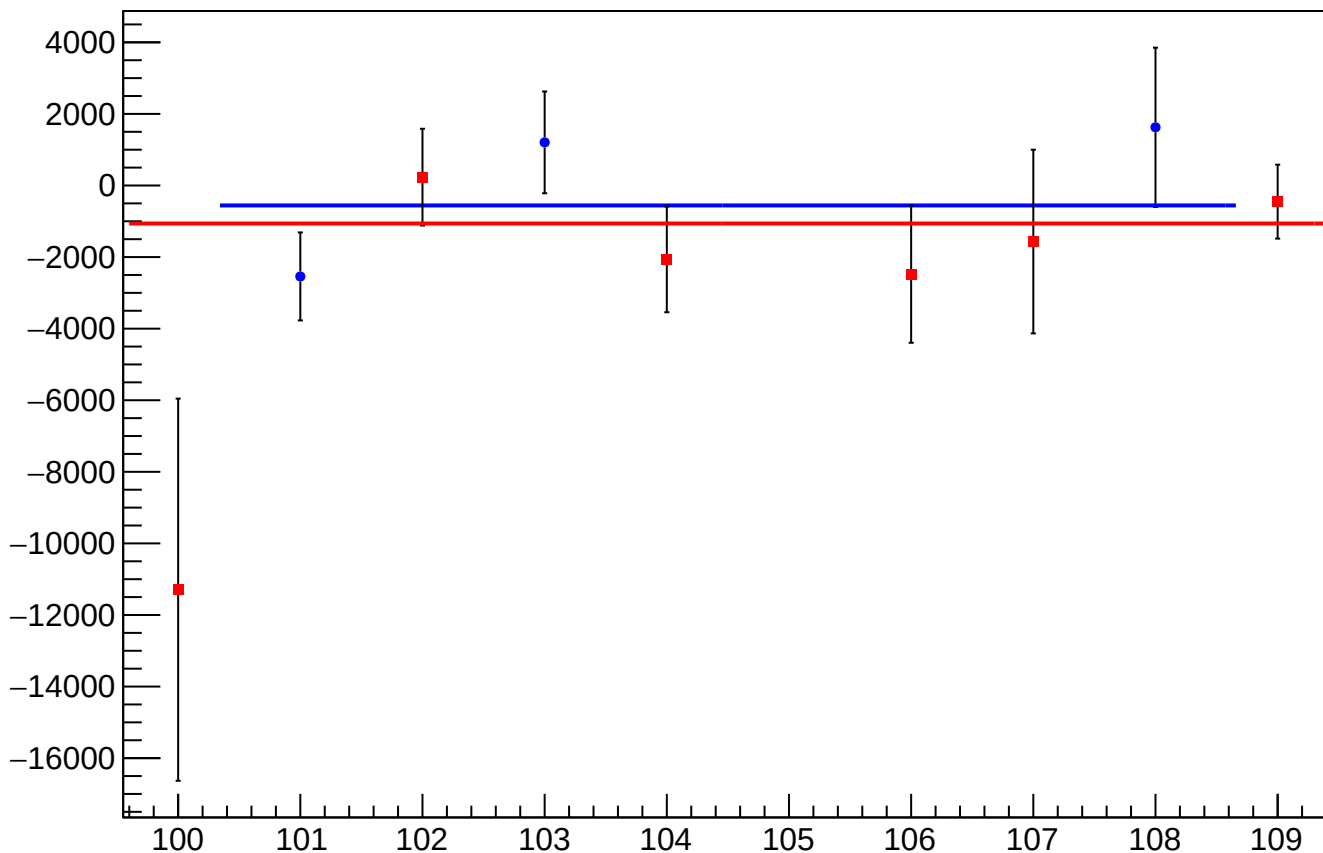
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.526 $\pm$ 0.038 χ^2 /NDF: 704470.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_mean vs Slug



Right In: -557.435+/-858.259 χ^2/NDF : 5.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1062.365+/-645.132 χ^2/NDF : 6.0/5

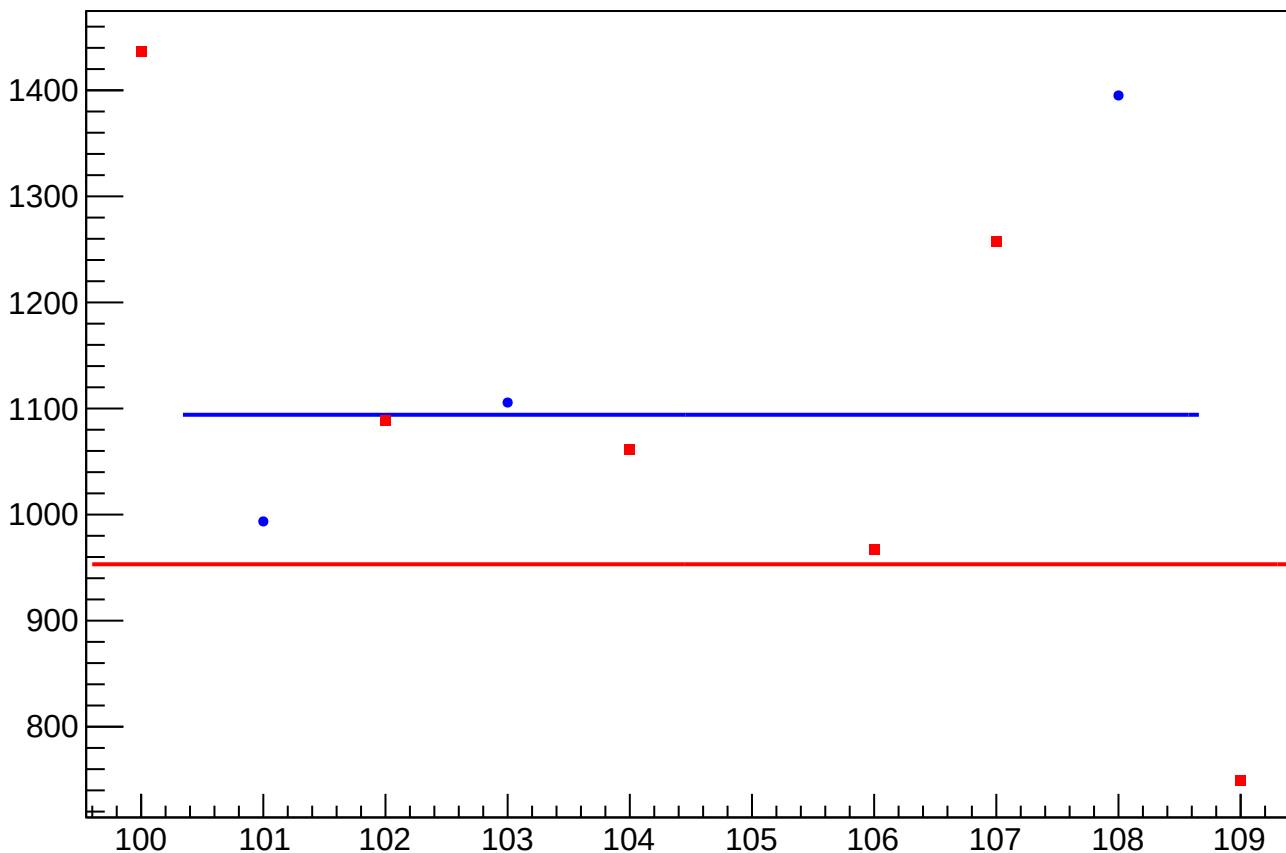
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -880.071+/-515.690 χ^2/NDF : 11.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_cor_correction_rms vs Slug



Right In: 1094.108 $\pm$ 0.607 χ^2 /NDF: 50105.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 953.143 $\pm$ 0.456 χ^2 /NDF: 153115.6/5

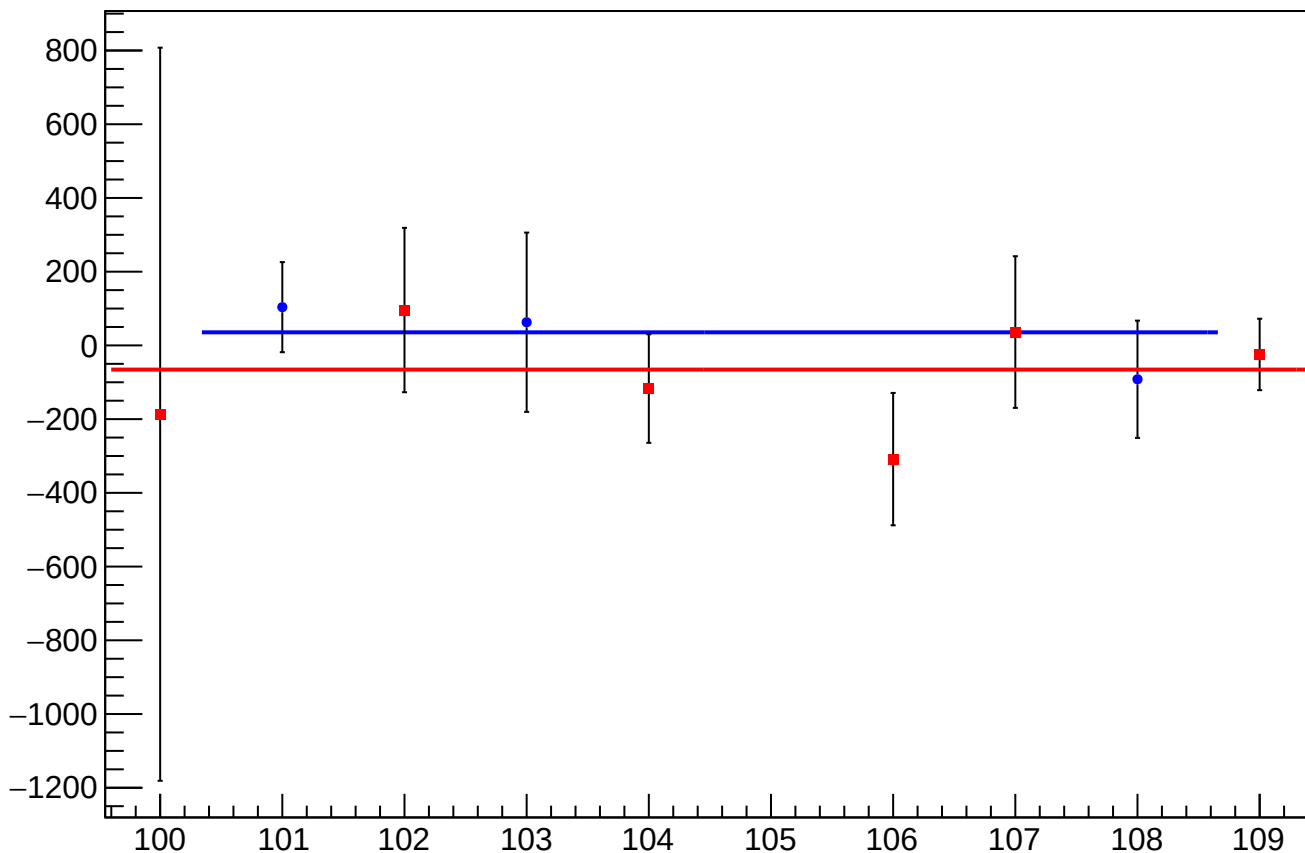
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1004.036 $\pm$ 0.365 χ^2 /NDF: 237696.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3748_avg_mean vs Slug



Right In: 35.496+/-90.030 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -65.579+/-66.157 χ^2/NDF : 2.9/5

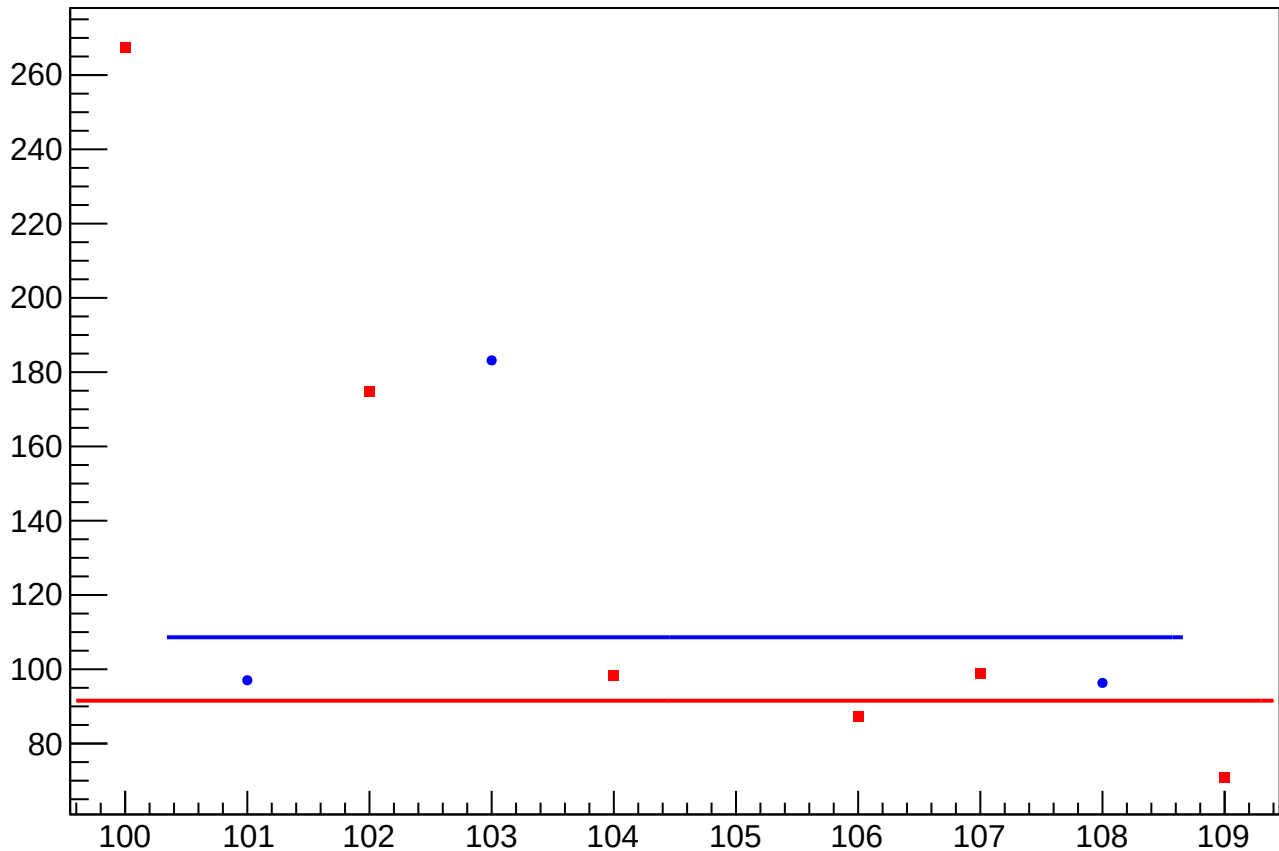
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.138+/-53.311 χ^2/NDF : 4.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 108.613 $\pm$ 0.064 χ^2 /NDF: 217801.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.539 $\pm$ 0.047 χ^2 /NDF: 439956.9/5

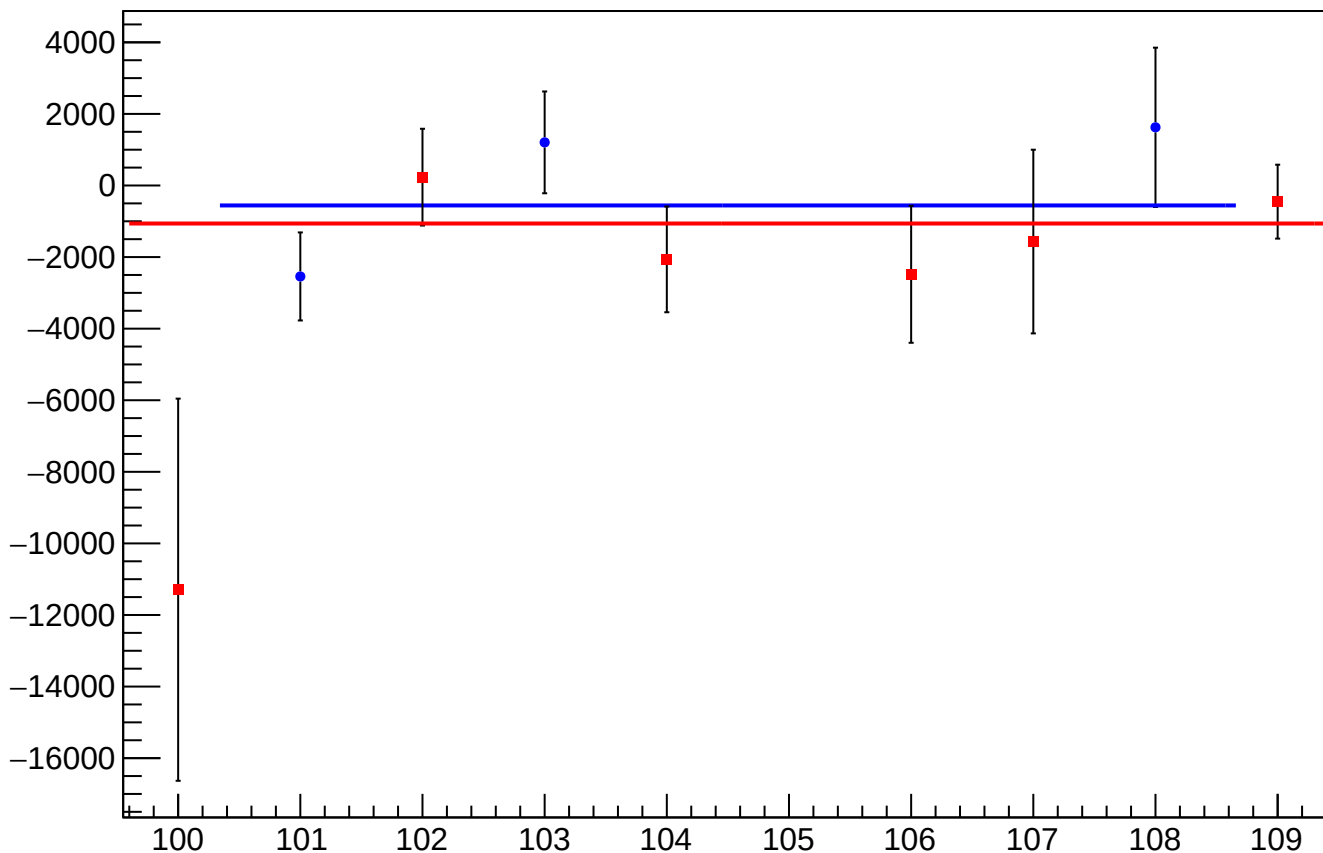
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.526 $\pm$ 0.038 χ^2 /NDF: 704470.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug



Right In: -557.435+/-858.259 χ^2 /NDF: 5.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1062.365+/-645.132 χ^2 /NDF: 6.0/5

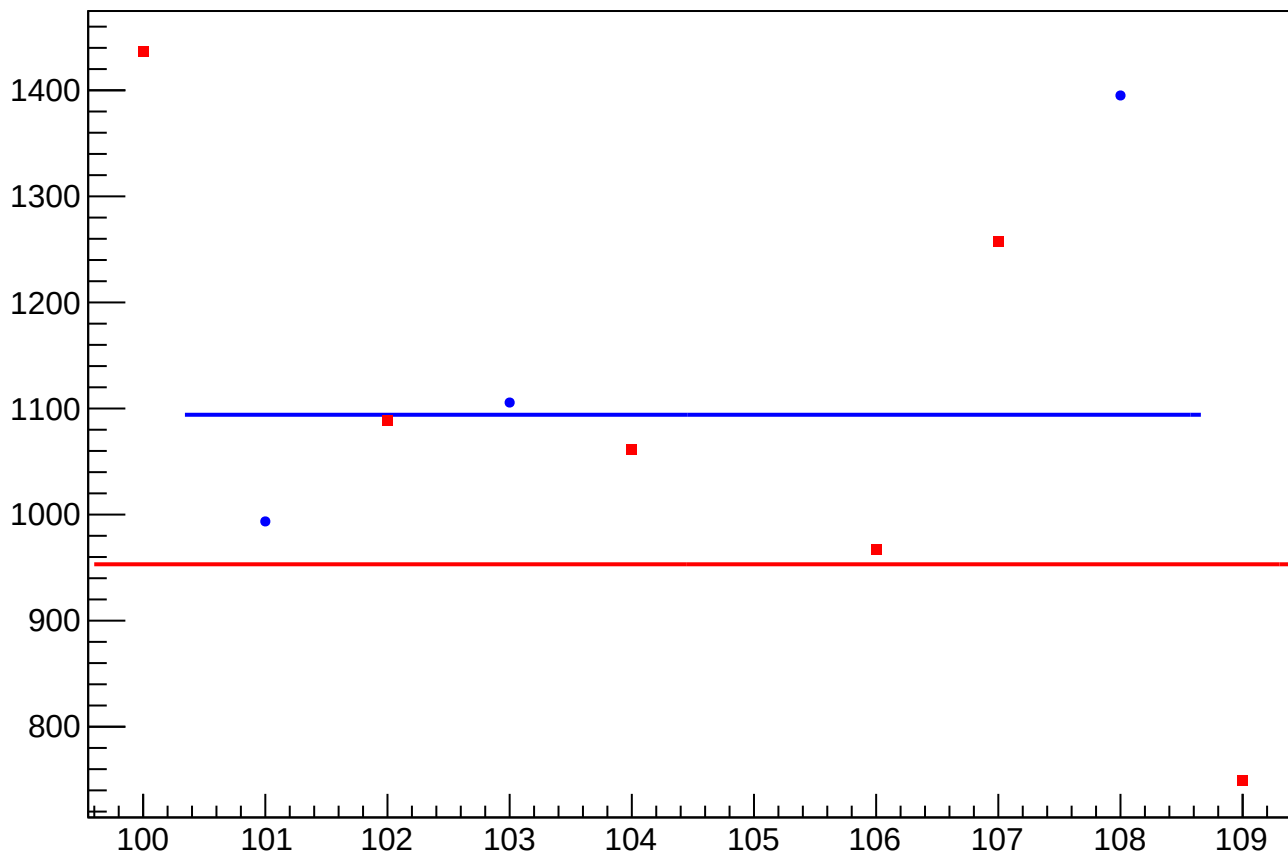
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -880.071+/-515.690 χ^2 /NDF: 11.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug



Right In: 1094.108 $\pm$ 0.607 χ^2 /NDF: 50105.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 953.143 $\pm$ 0.456 χ^2 /NDF: 153115.6/5

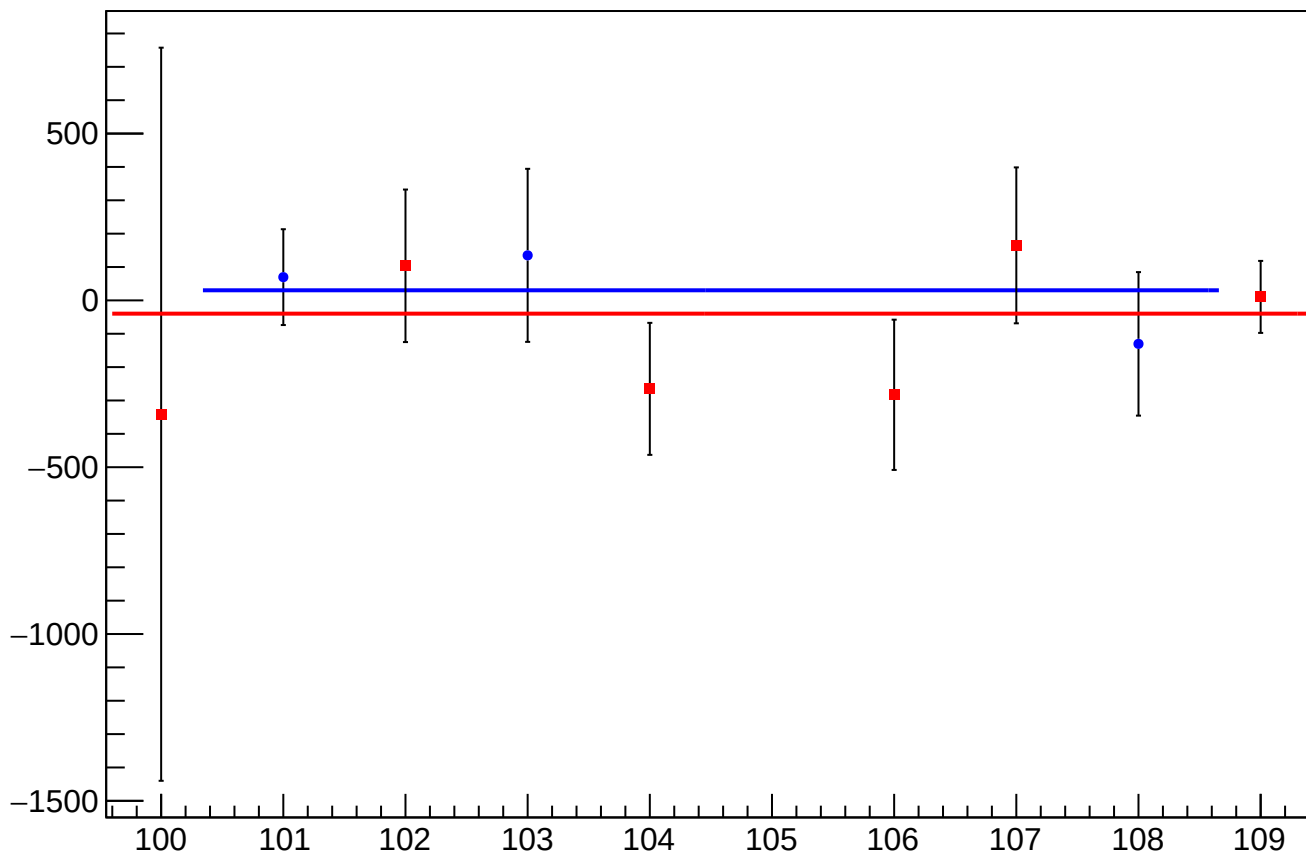
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1004.036 $\pm$ 0.365 χ^2 /NDF: 237696.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: 30.248+/-108.478 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.766+/-76.823 χ^2/NDF : 3.9/5

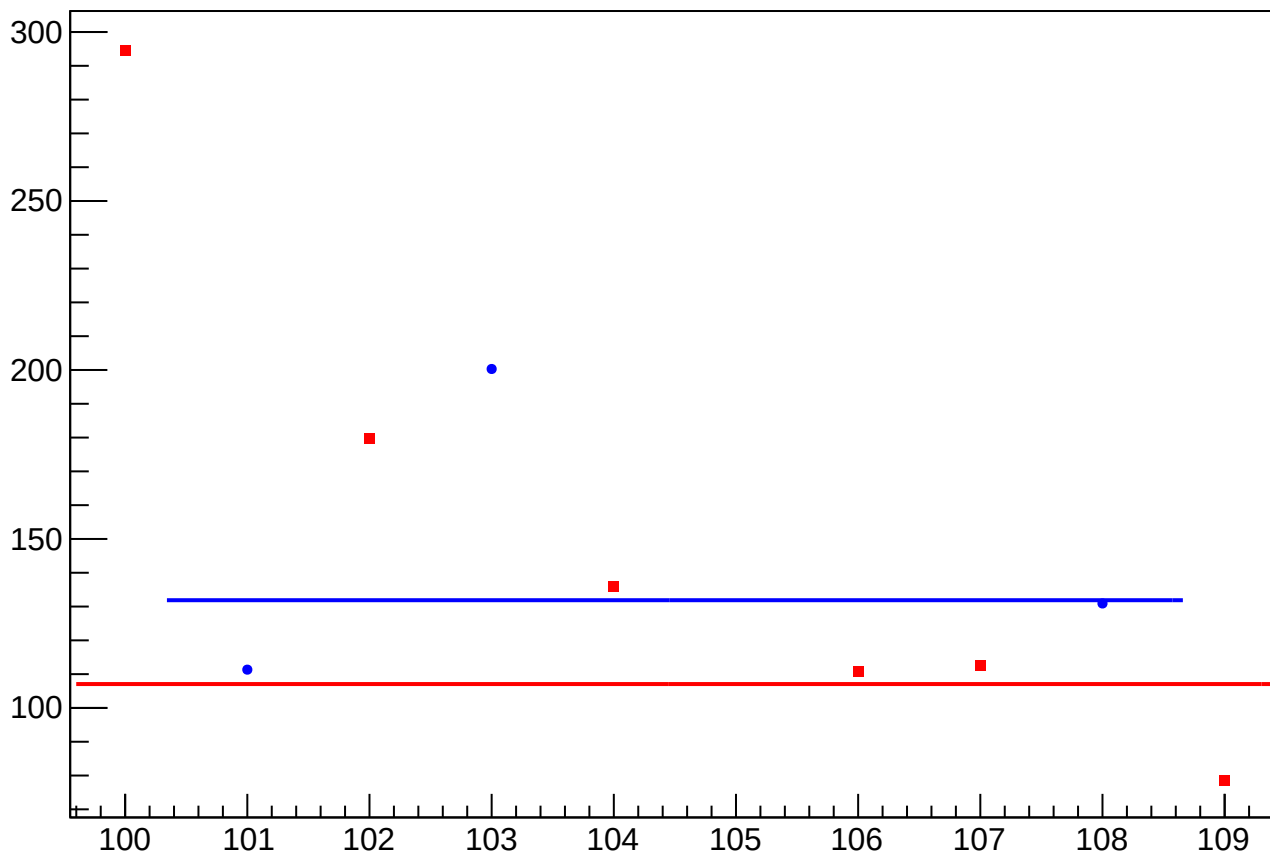
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.380+/-62.694 χ^2/NDF : 5.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



Right In: 131.877 $\pm$ 0.077 χ^2 /NDF: 180193.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.069 $\pm$ 0.054 χ^2 /NDF: 443656.4/5

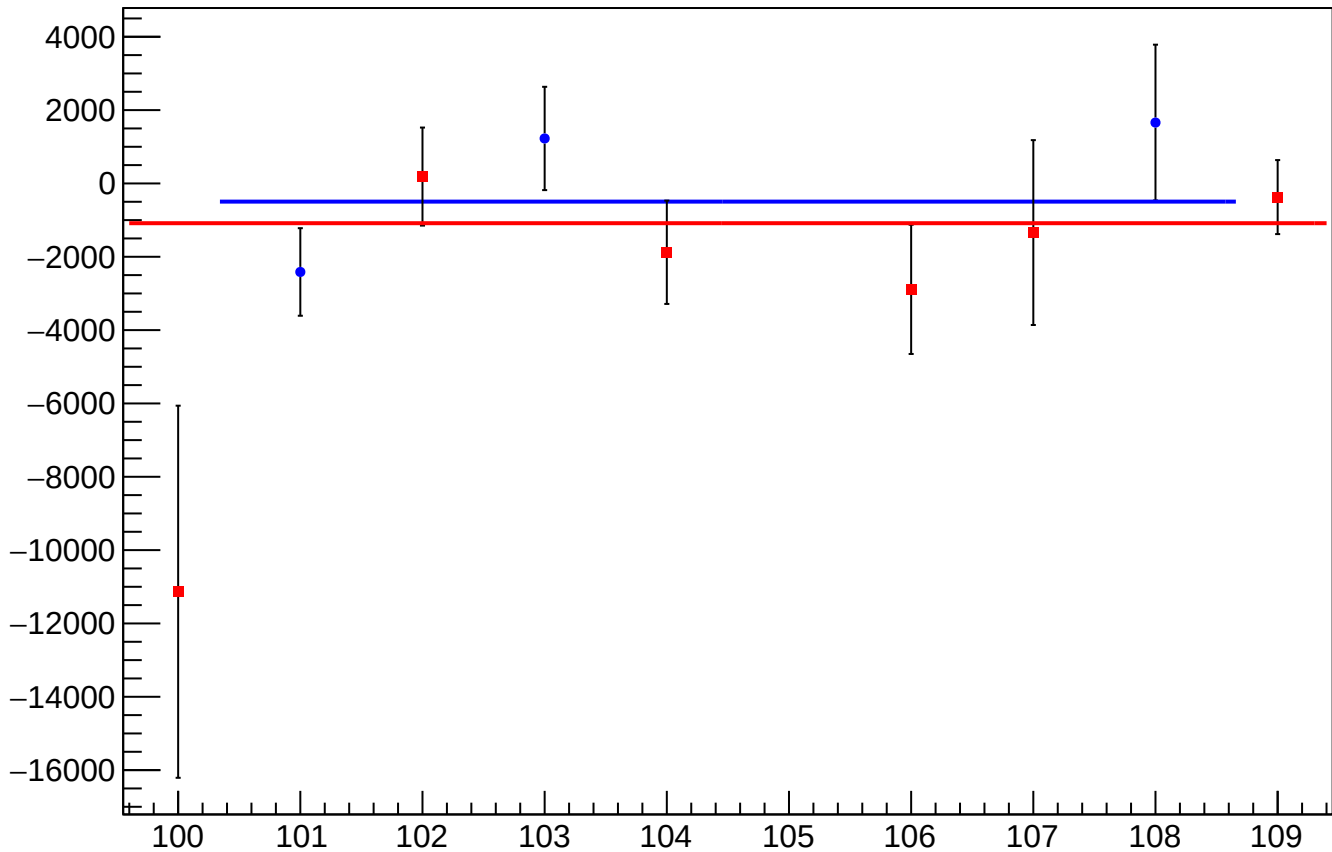
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.355 $\pm$ 0.044 χ^2 /NDF: 693510.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: -495.476+/-837.208 χ^2 /NDF: 5.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1084.216+/-624.581 χ^2 /NDF: 6.7/5

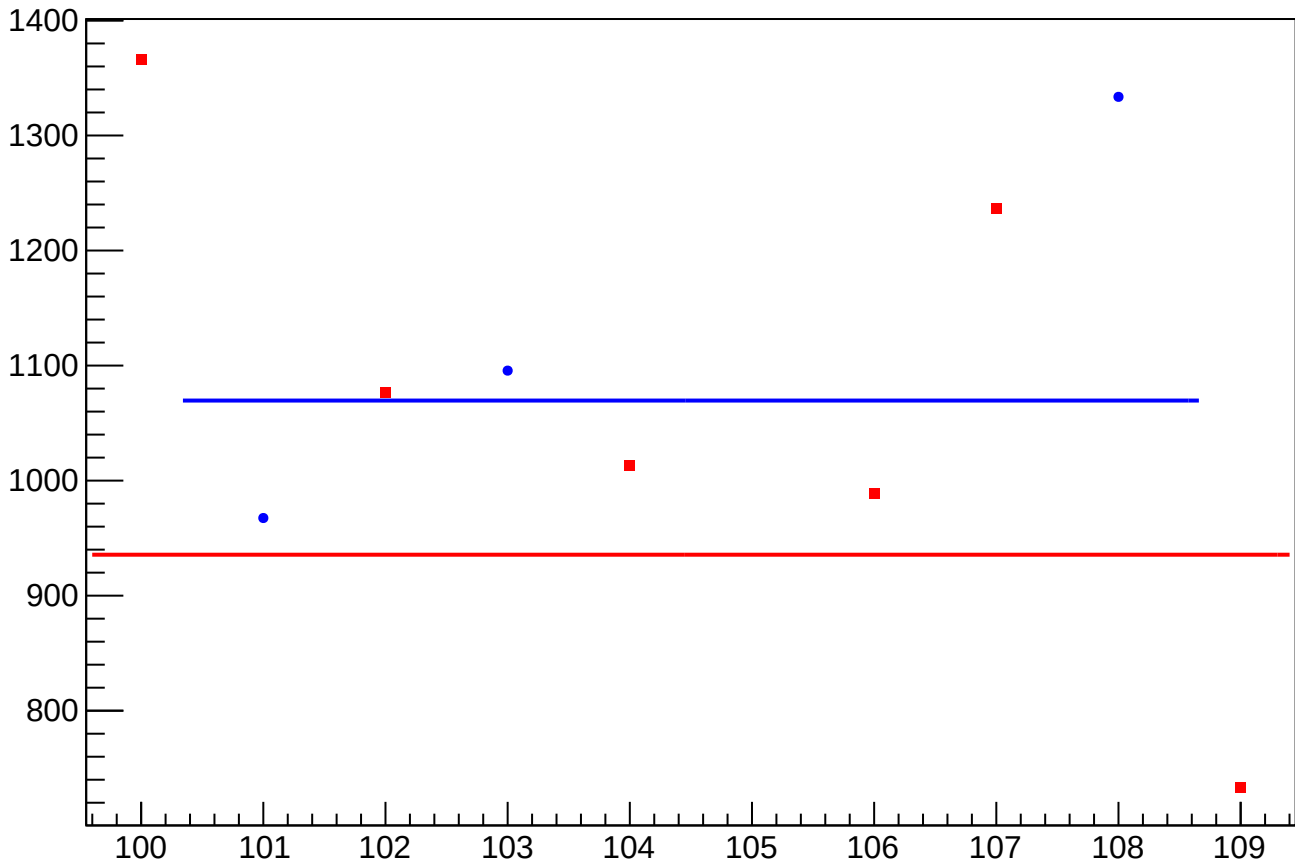
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -873.708+/-500.618 χ^2 /NDF: 12.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 1069.592 $\pm$ 0.592 χ^2 /NDF: 46181.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 935.595 $\pm$ 0.442 χ^2 /NDF: 153690.0/5

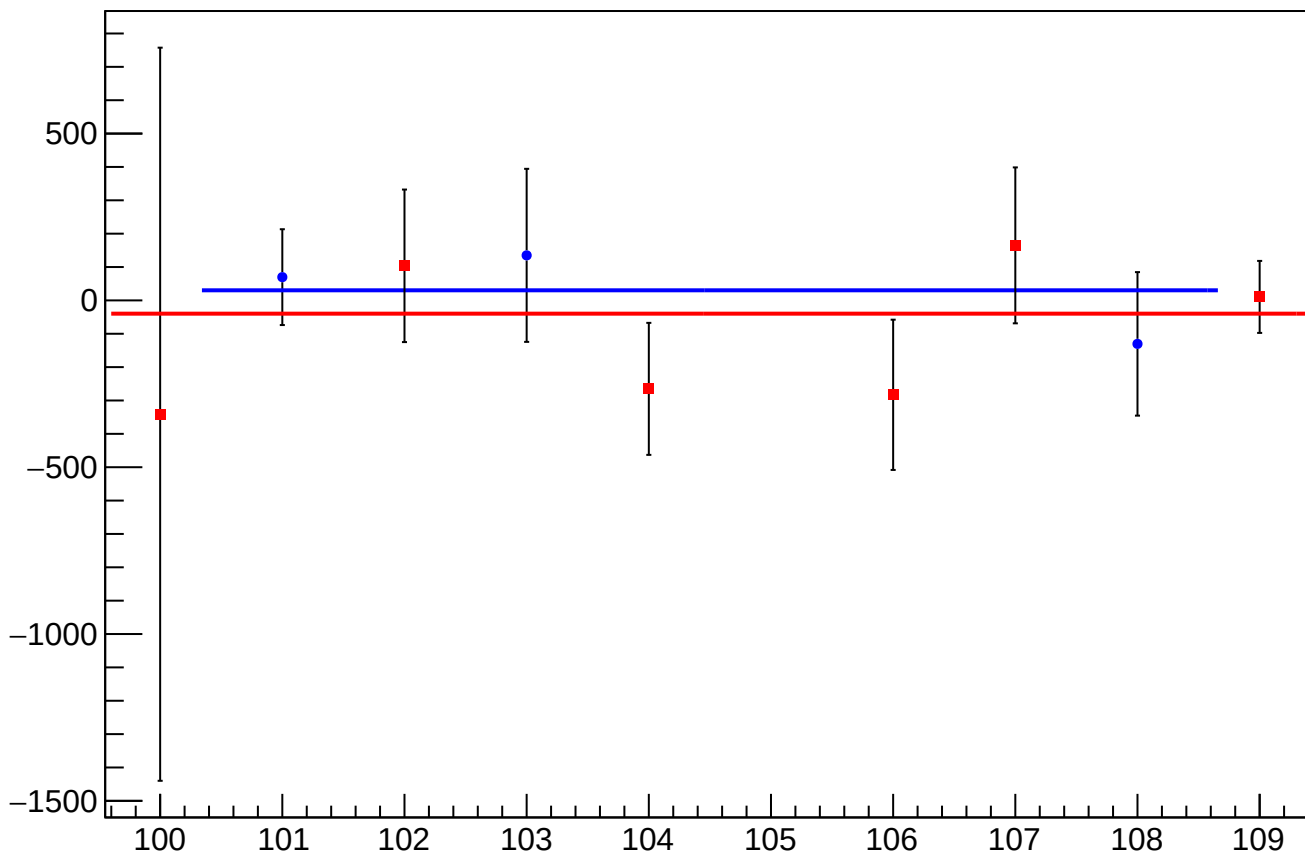
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 983.507 $\pm$ 0.354 χ^2 /NDF: 232785.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: 30.251+/-108.478 χ^2/NDF : 0.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.764+/-76.823 χ^2/NDF : 3.9/5

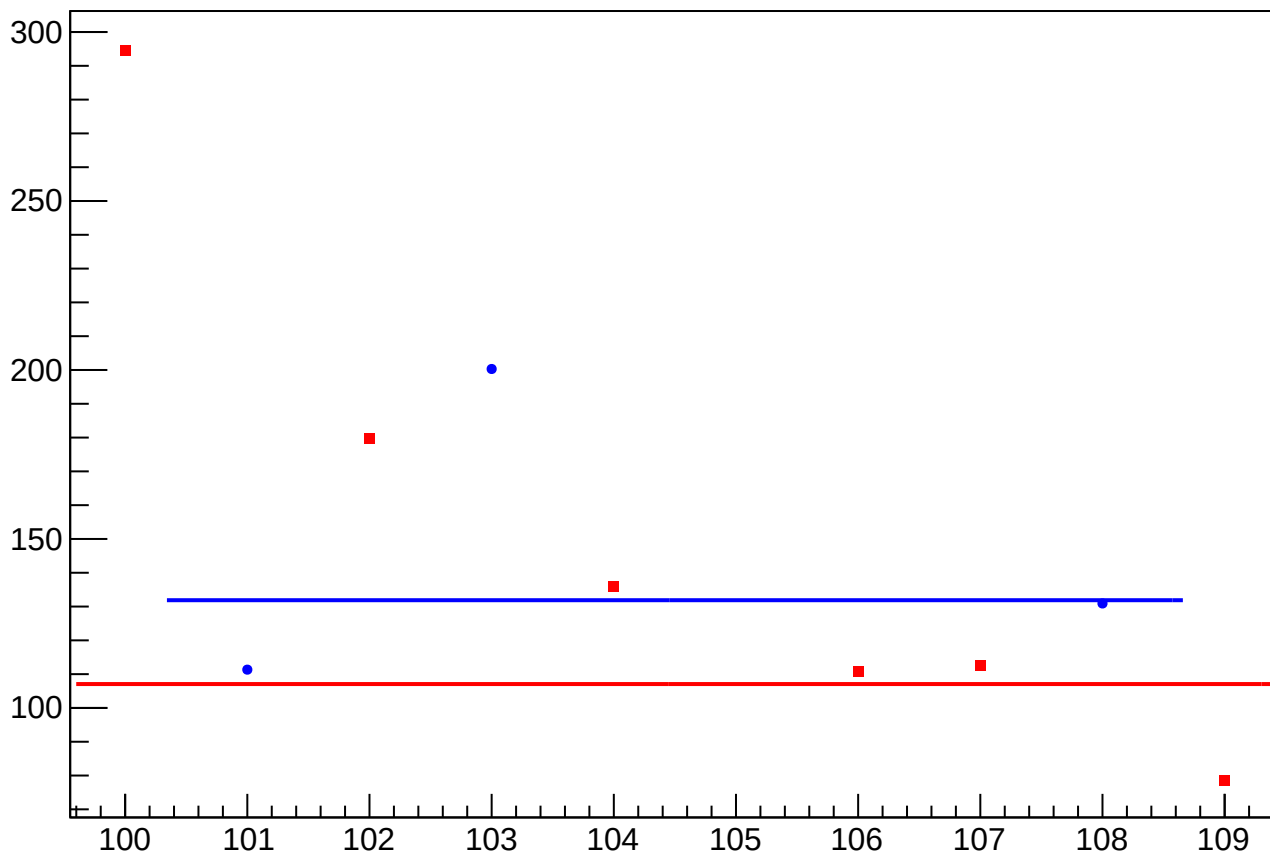
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.378+/-62.694 χ^2/NDF : 5.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 131.878+/-0.077 χ^2/NDF : 180189.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.069+/-0.054 χ^2/NDF : 443656.4/5

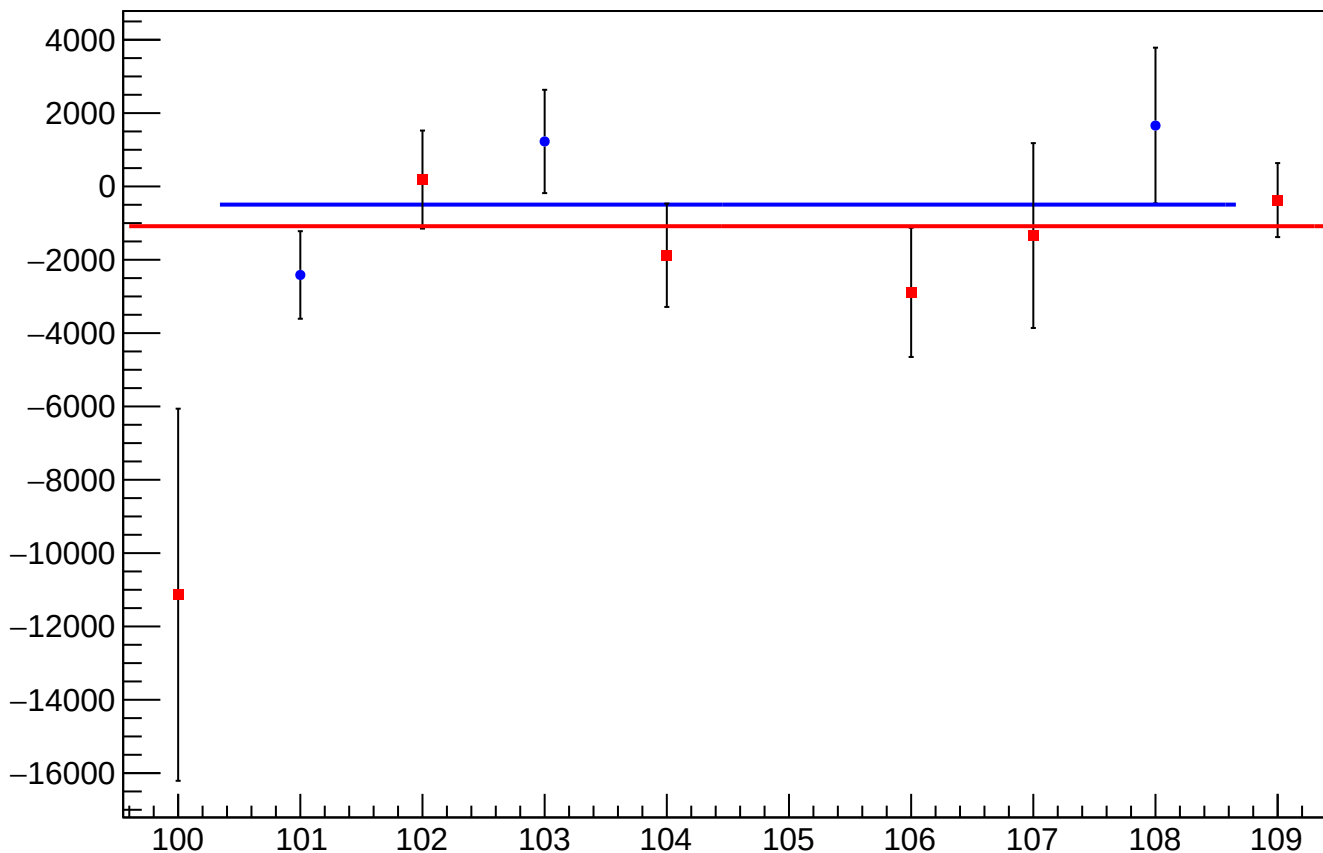
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.356+/-0.044 χ^2/NDF : 693508.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug



Right In: -495.476+/-837.207 χ^2 /NDF: 5.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1084.215+/-624.580 χ^2 /NDF: 6.7/5

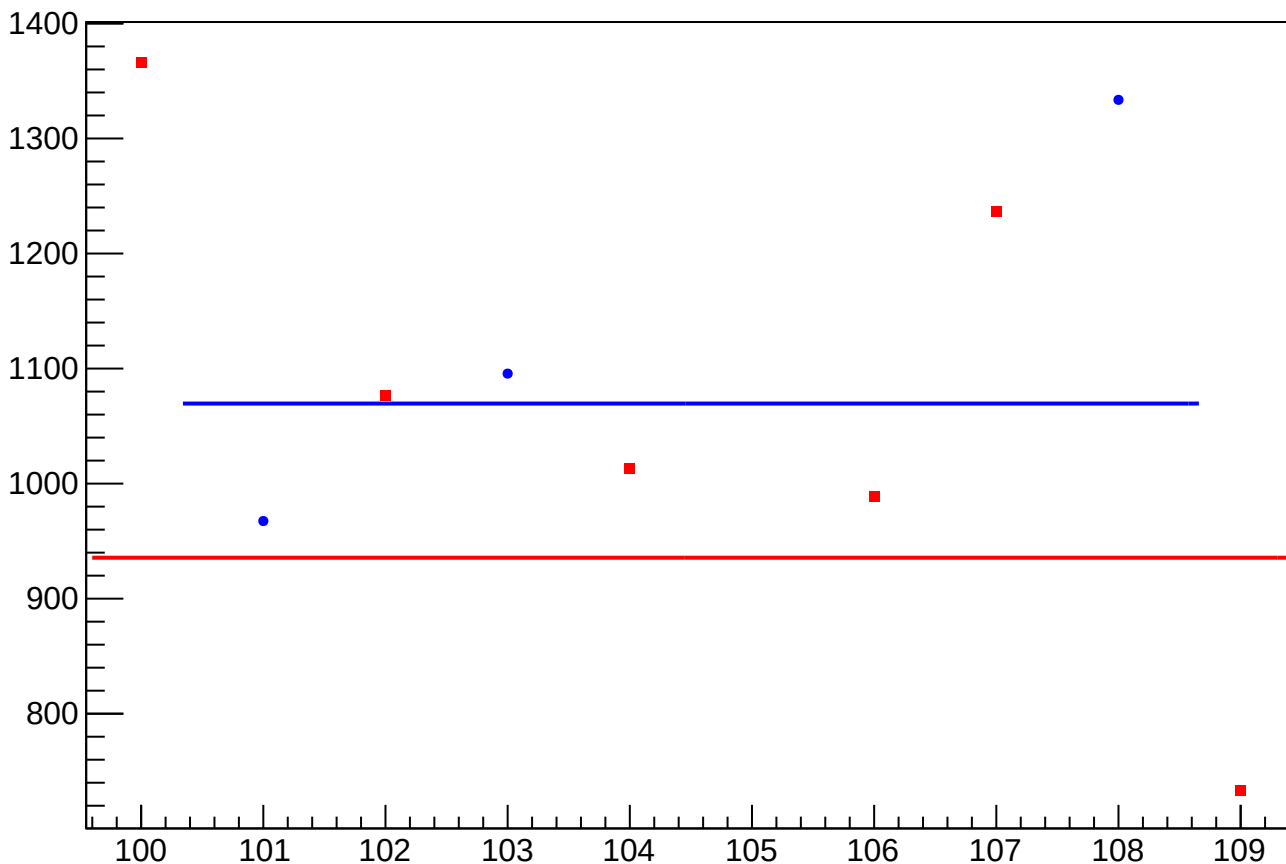
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -873.707+/-500.617 χ^2 /NDF: 12.1/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug



Right In: 1069.590 $\pm$ 0.592 χ^2 /NDF: 46181.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 935.594 $\pm$ 0.442 χ^2 /NDF: 153689.6/5

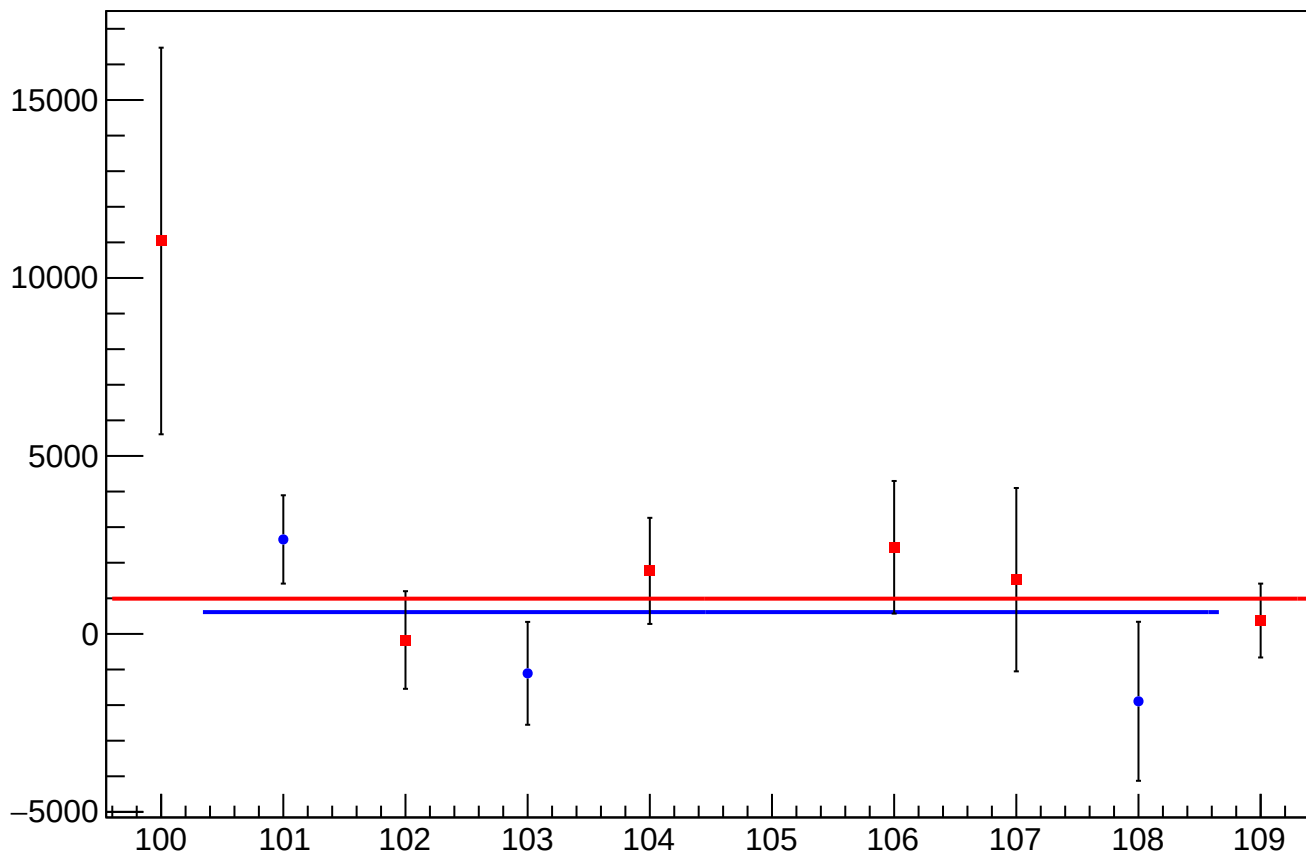
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 983.505 $\pm$ 0.354 χ^2 /NDF: 232785.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_mean vs Slug



Right In: 612.810 $\pm$ 867.580 χ^2 /NDF: 5.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 990.429 $\pm$ 647.725 χ^2 /NDF: 5.4/5

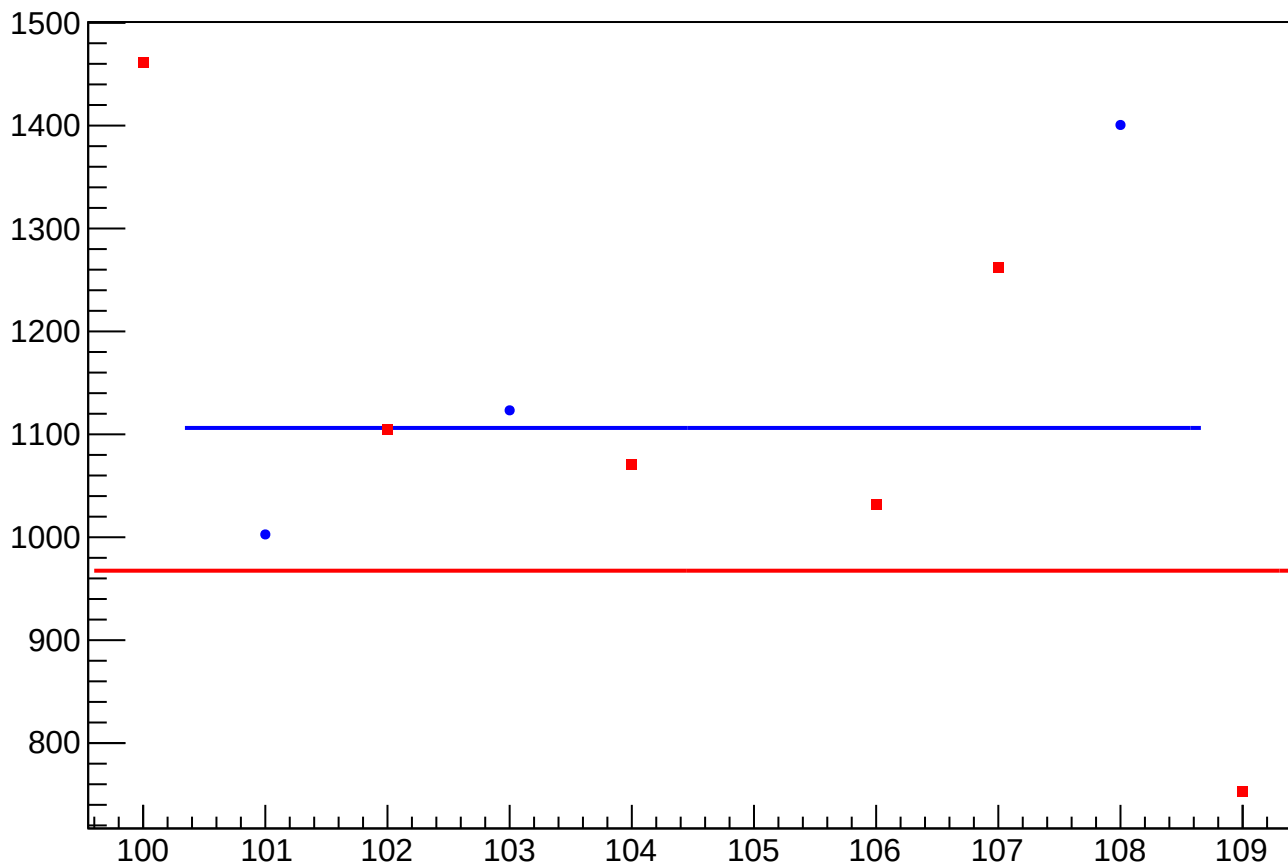
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 855.279 $\pm$ 519.029 χ^2 /NDF: 10.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 1106.213+/-0.613 χ^2/NDF : 48924.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 967.503+/-0.458 χ^2/NDF : 159752.0/5

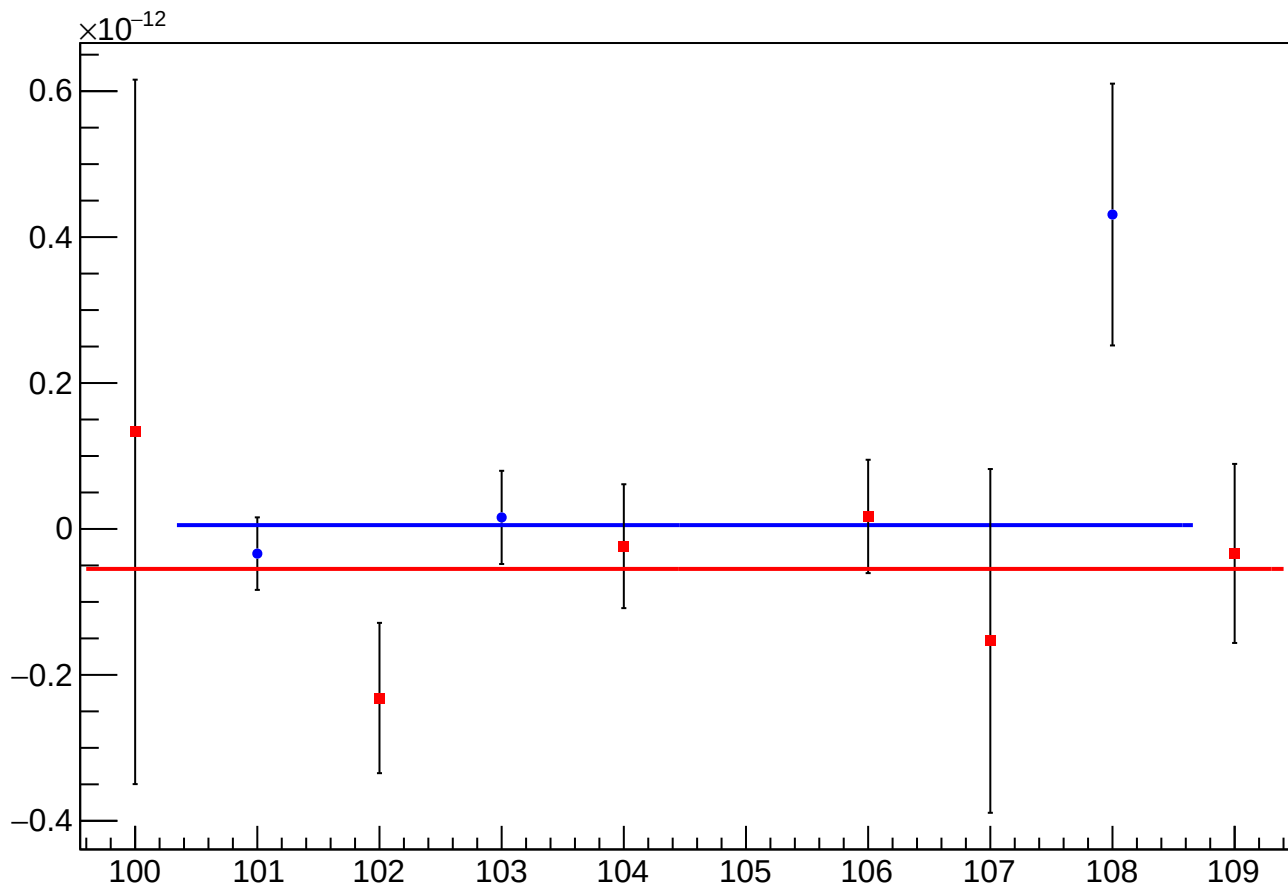
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1017.147+/-0.367 χ^2/NDF : 241502.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.3/5

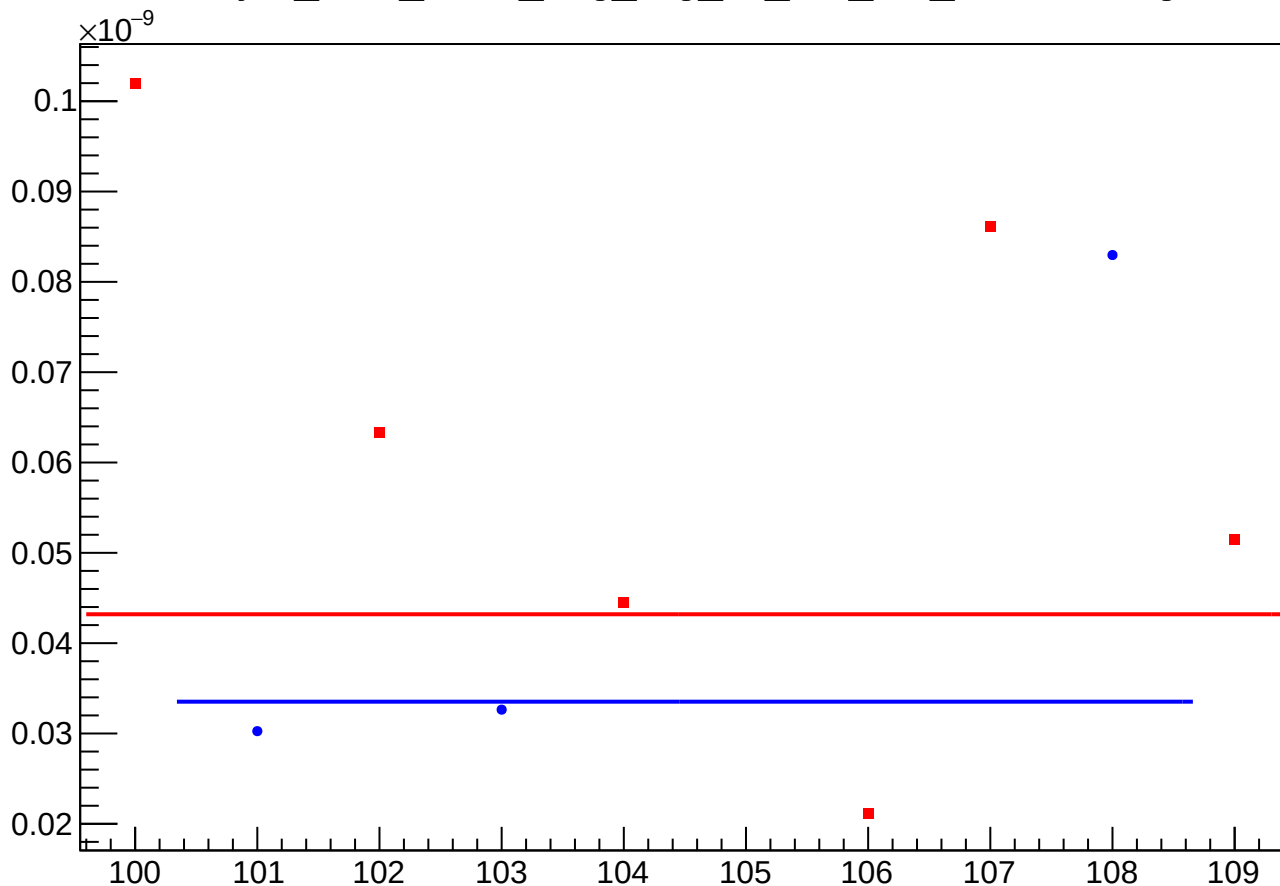
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 160925.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 342667.5/5

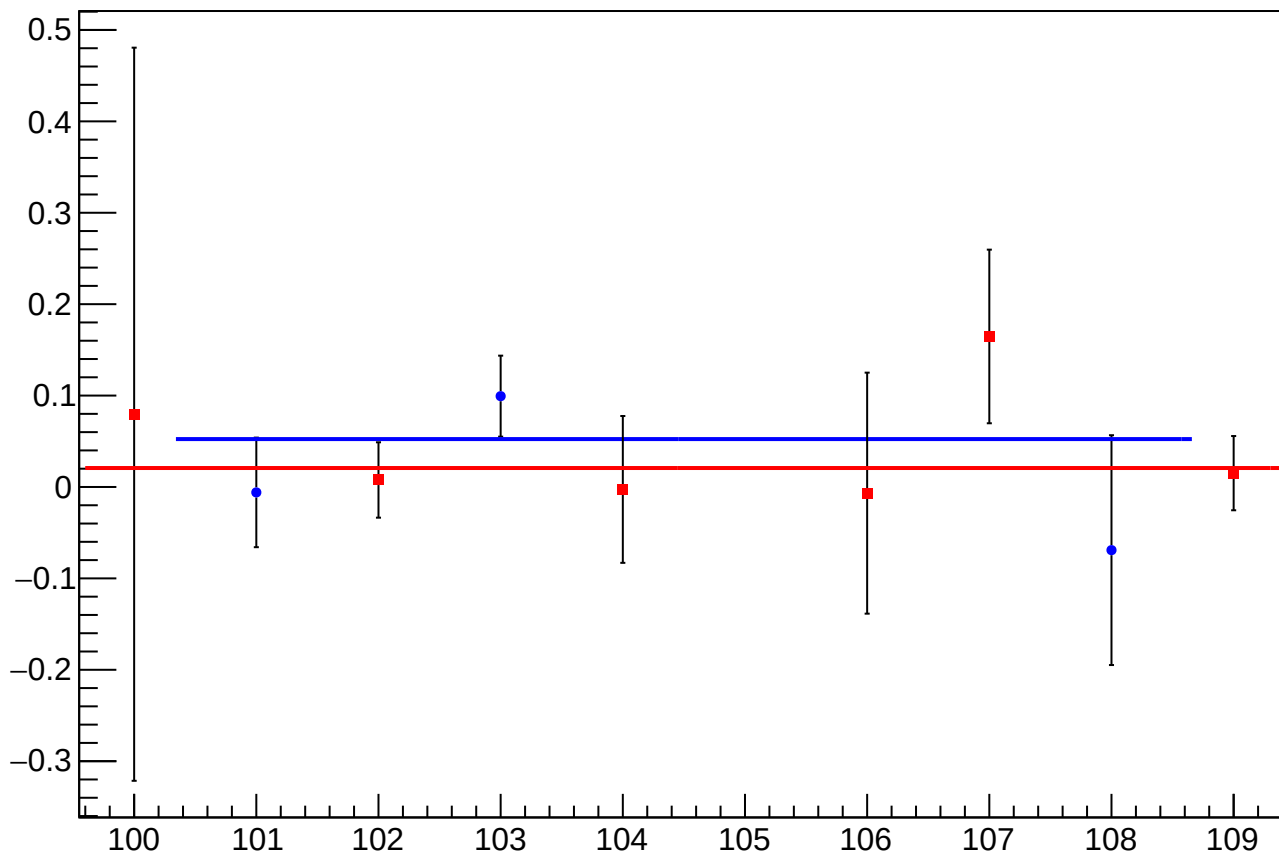
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 556816.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.026 χ^2 /NDF: 2.6/5

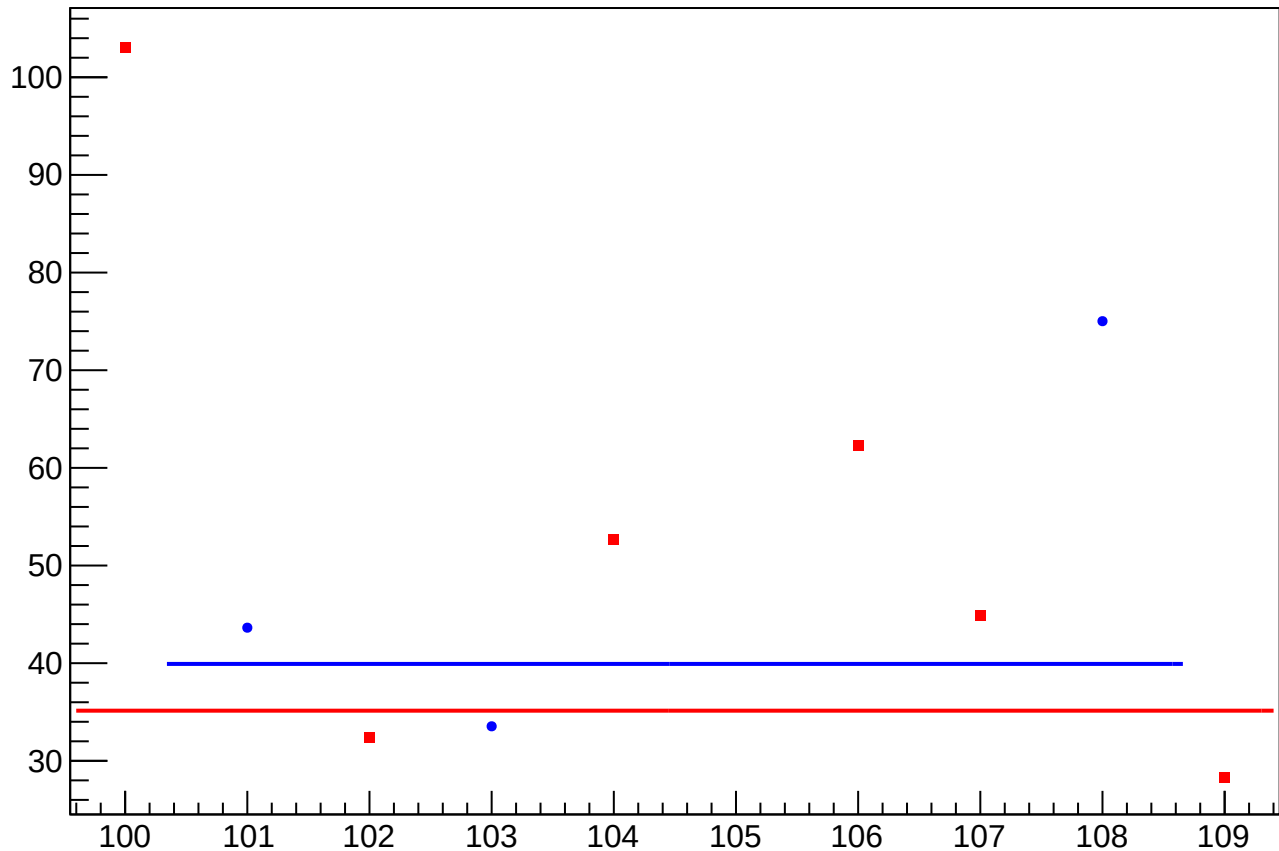
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.021 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug



Right In: 39.924+/-0.024 χ^2/NDF : 205134.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.018 χ^2/NDF : 324690.2/5

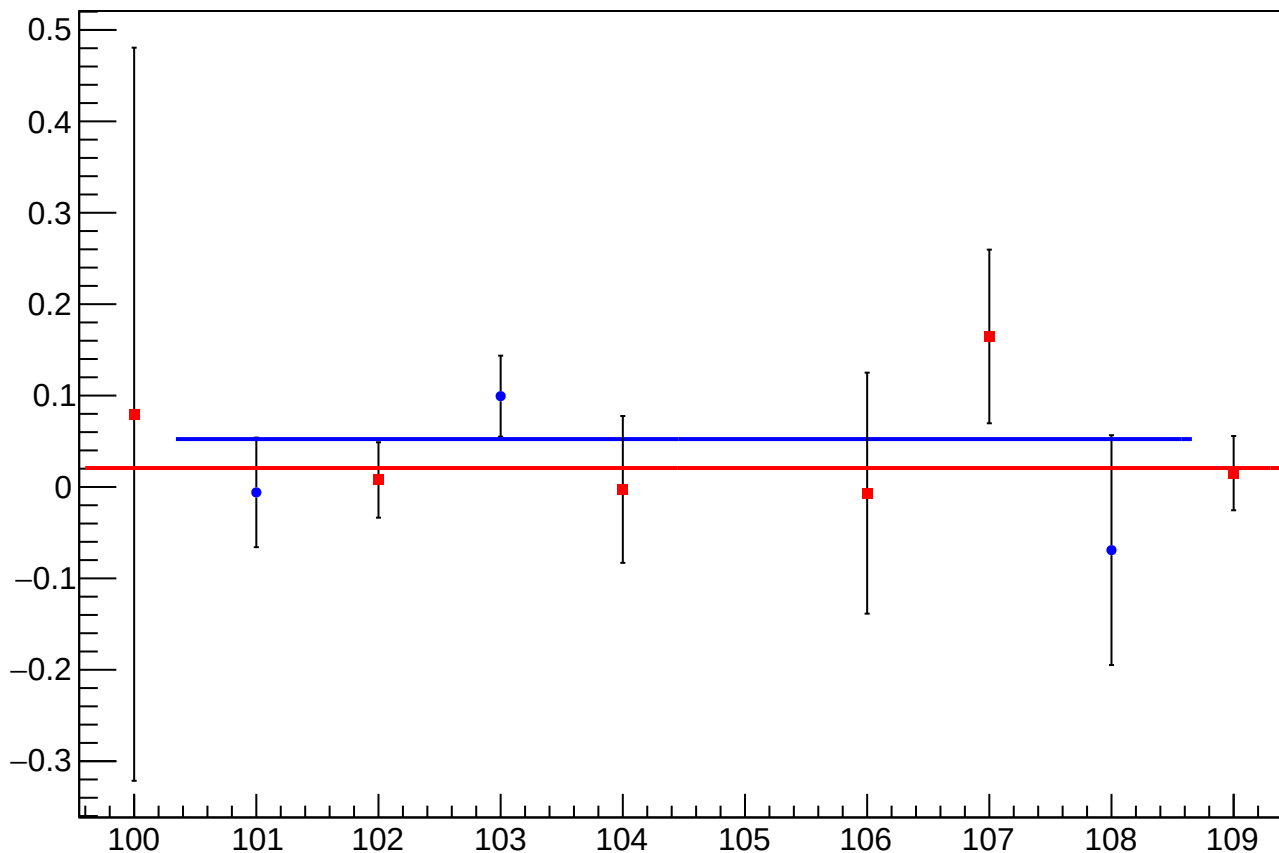
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.852+/-0.015 χ^2/NDF : 554859.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.026 χ^2 /NDF: 2.6/5

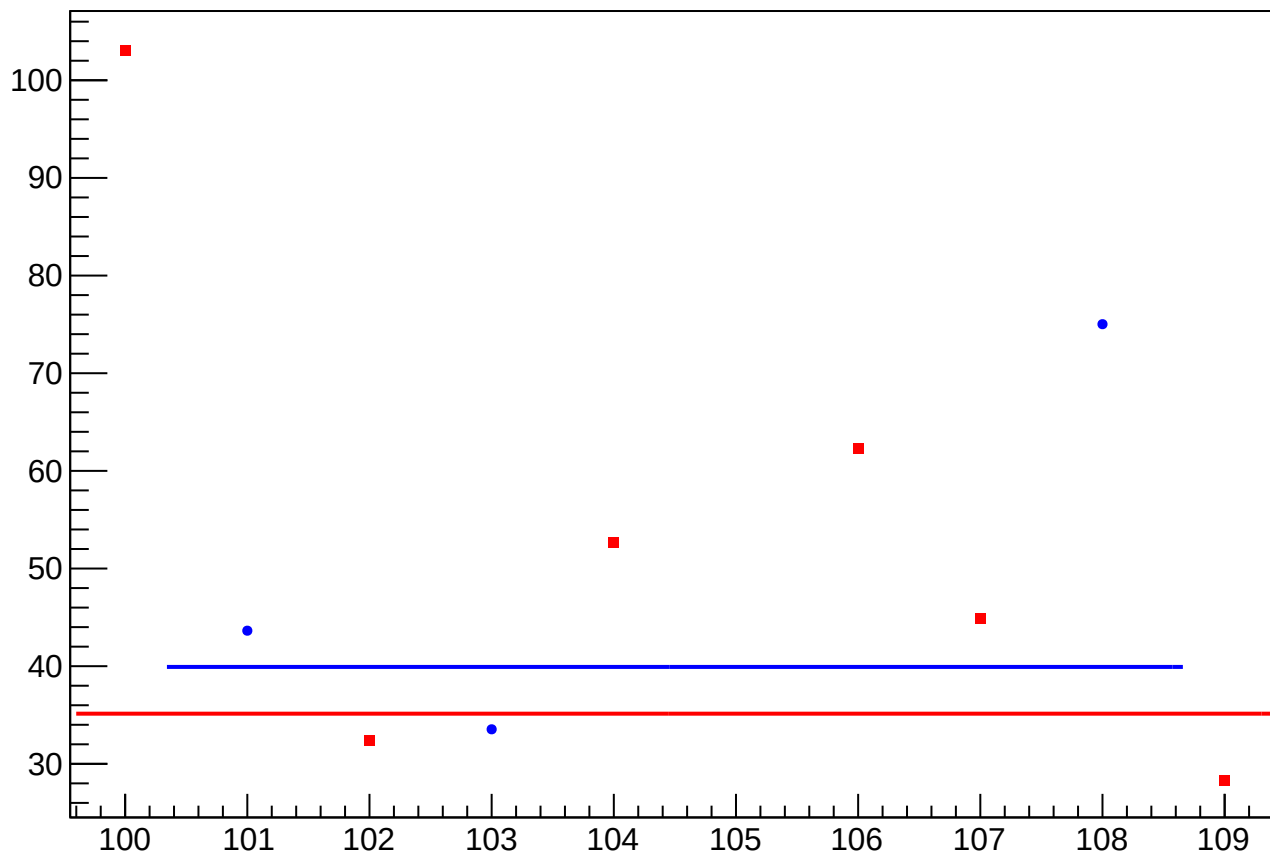
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.021 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.924+/-0.024 χ^2/NDF : 205134.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.137+/-0.018 χ^2/NDF : 324690.2/5

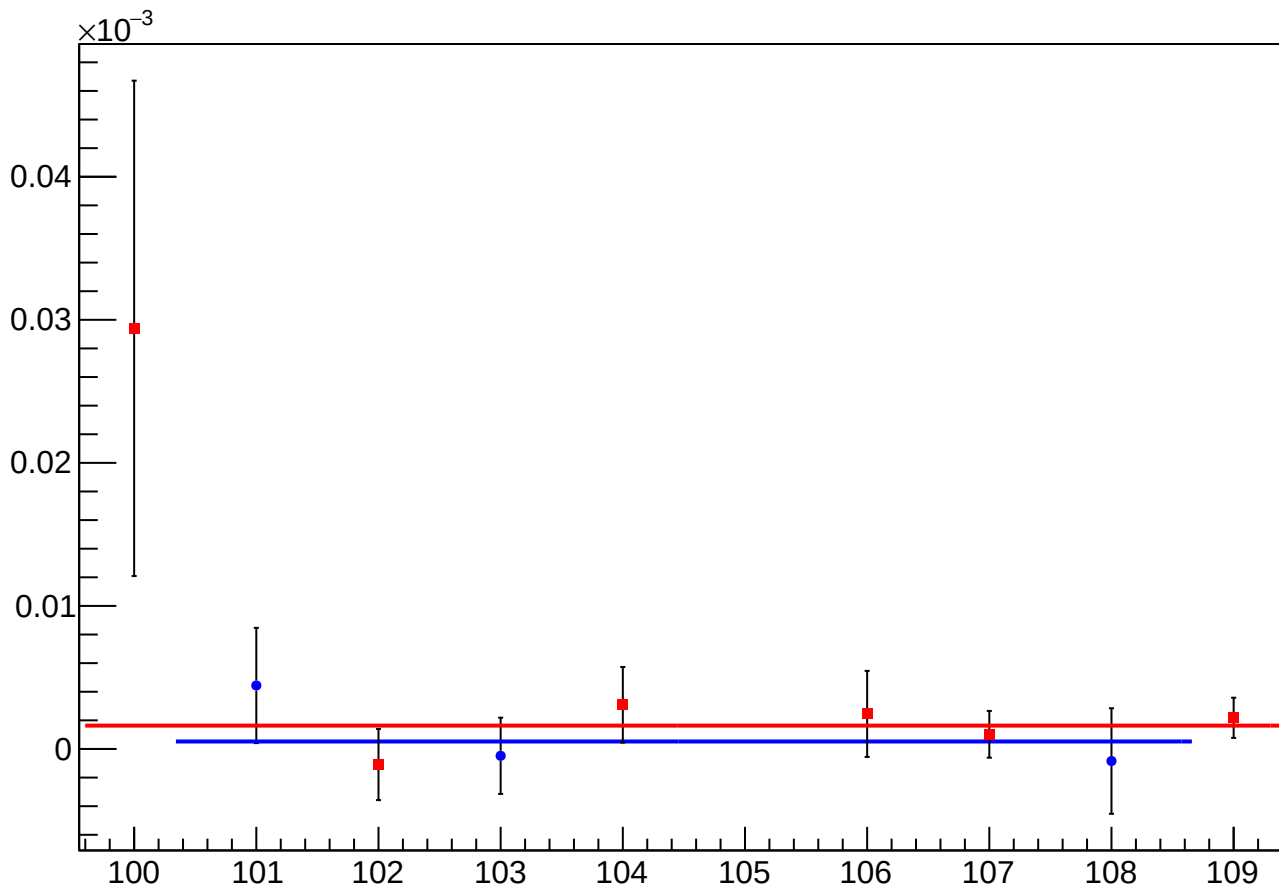
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.852+/-0.015 χ^2/NDF : 554859.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.4/5

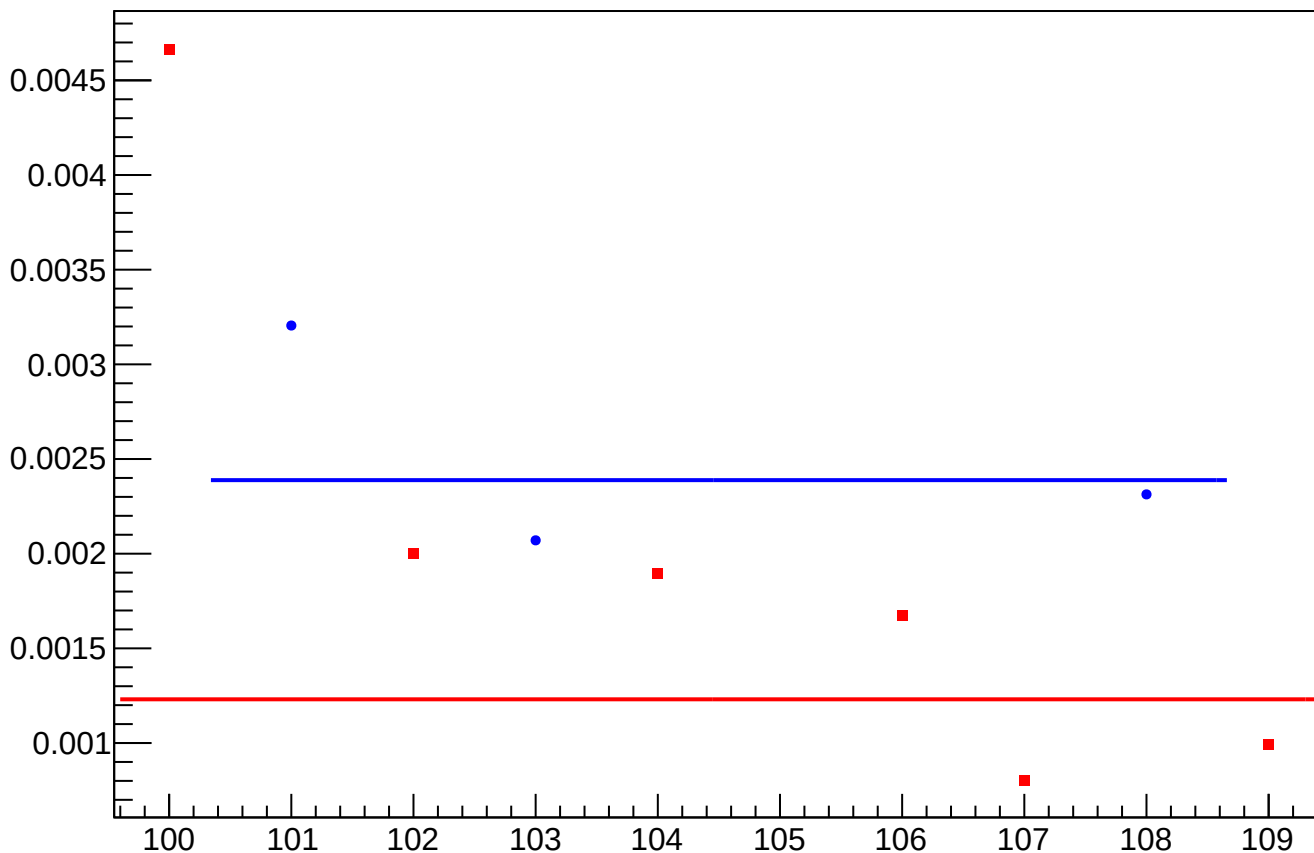
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 111485.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 636509.1/5

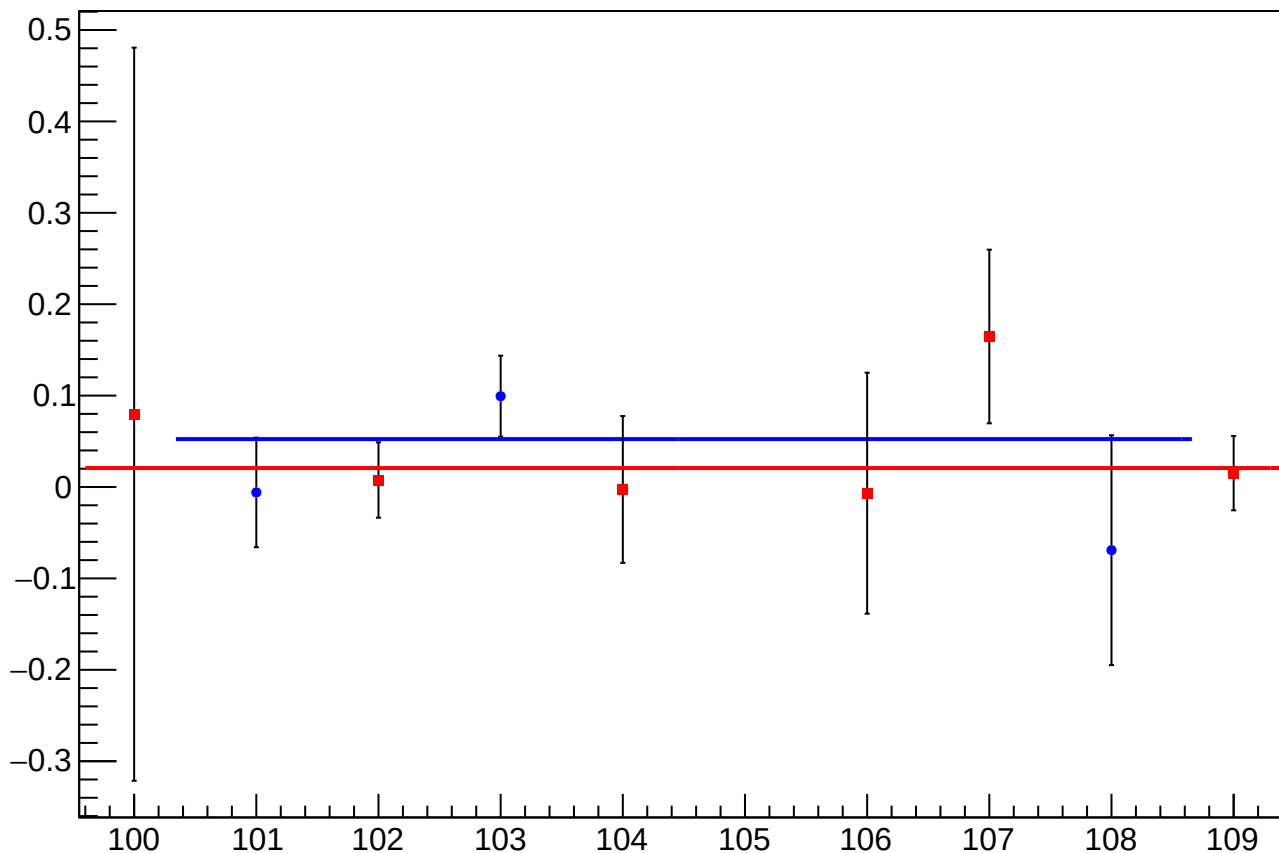
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 1358101.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.026 χ^2 /NDF: 2.6/5

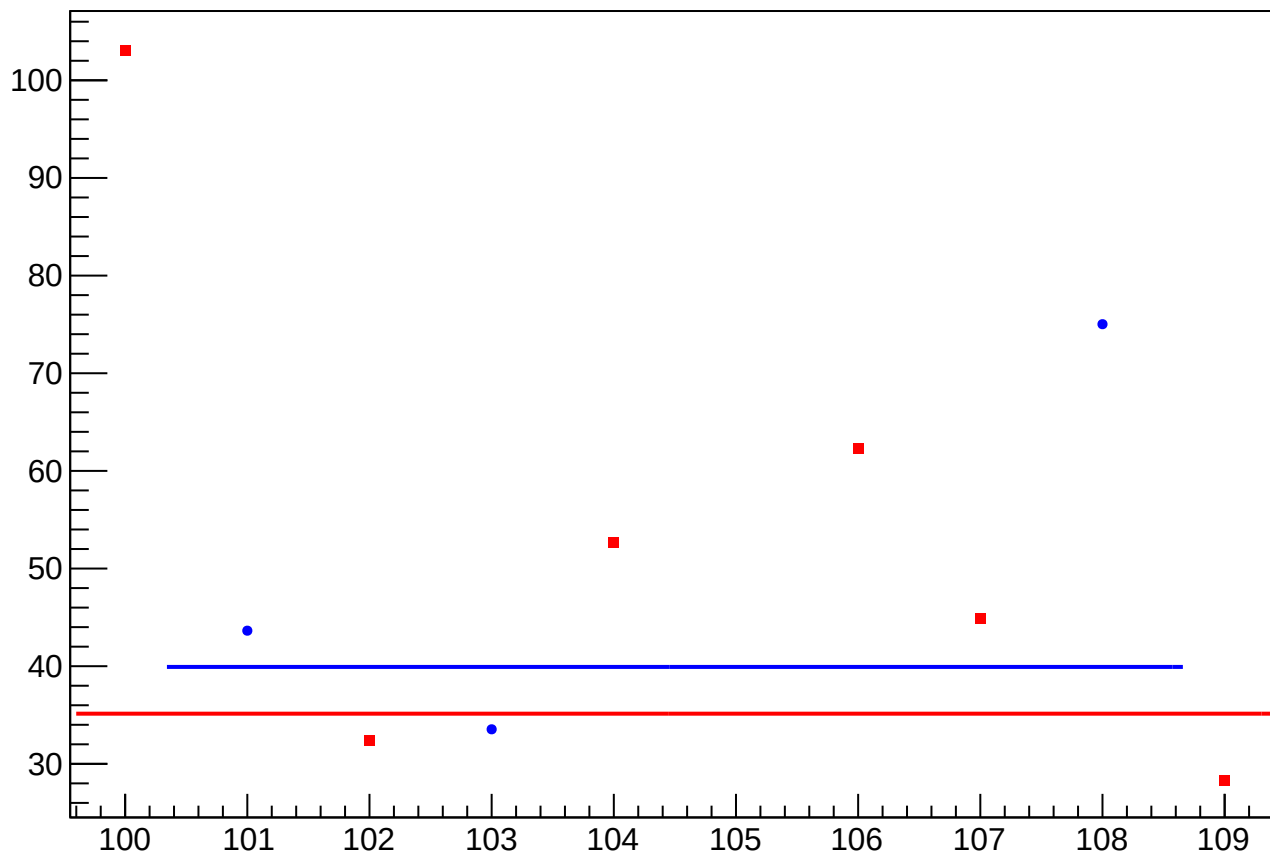
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.021 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.925 $\pm$ 0.024 χ^2 /NDF: 205141.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.138 $\pm$ 0.018 χ^2 /NDF: 324693.5/5

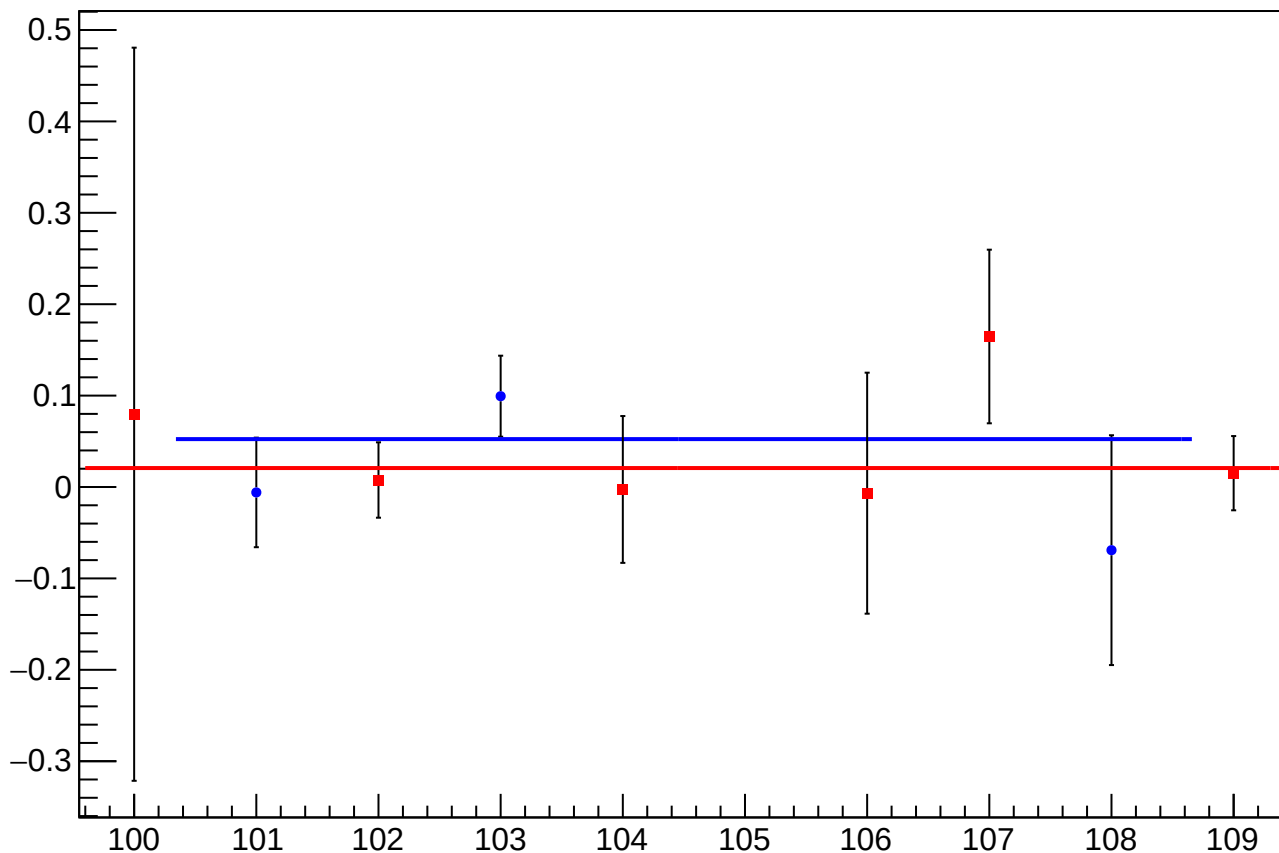
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.853 $\pm$ 0.015 χ^2 /NDF: 554871.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.052 $\pm$ 0.034 χ^2 /NDF: 3.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021 $\pm$ 0.026 χ^2 /NDF: 2.6/5

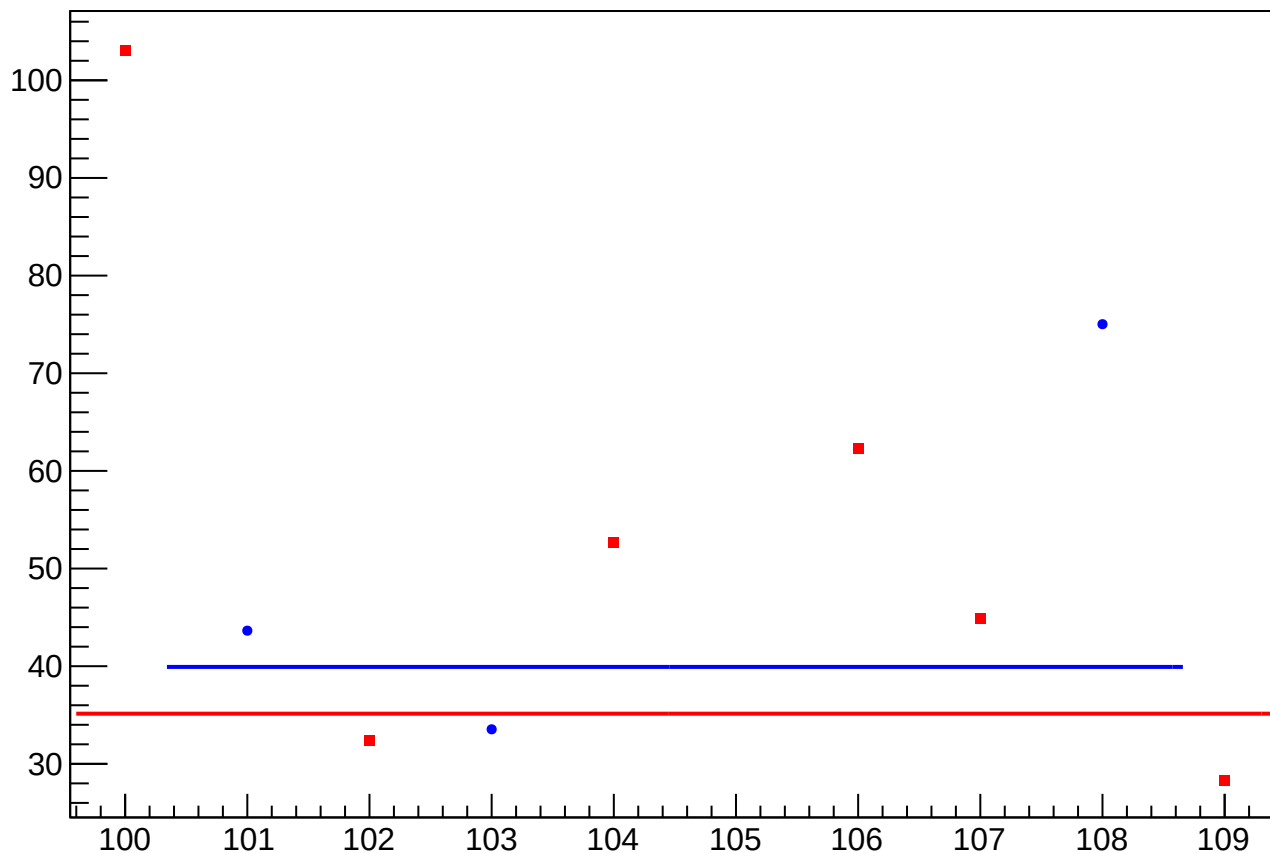
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.021 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.925+/-0.024 χ^2/NDF : 205141.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.138+/-0.018 χ^2/NDF : 324693.5/5

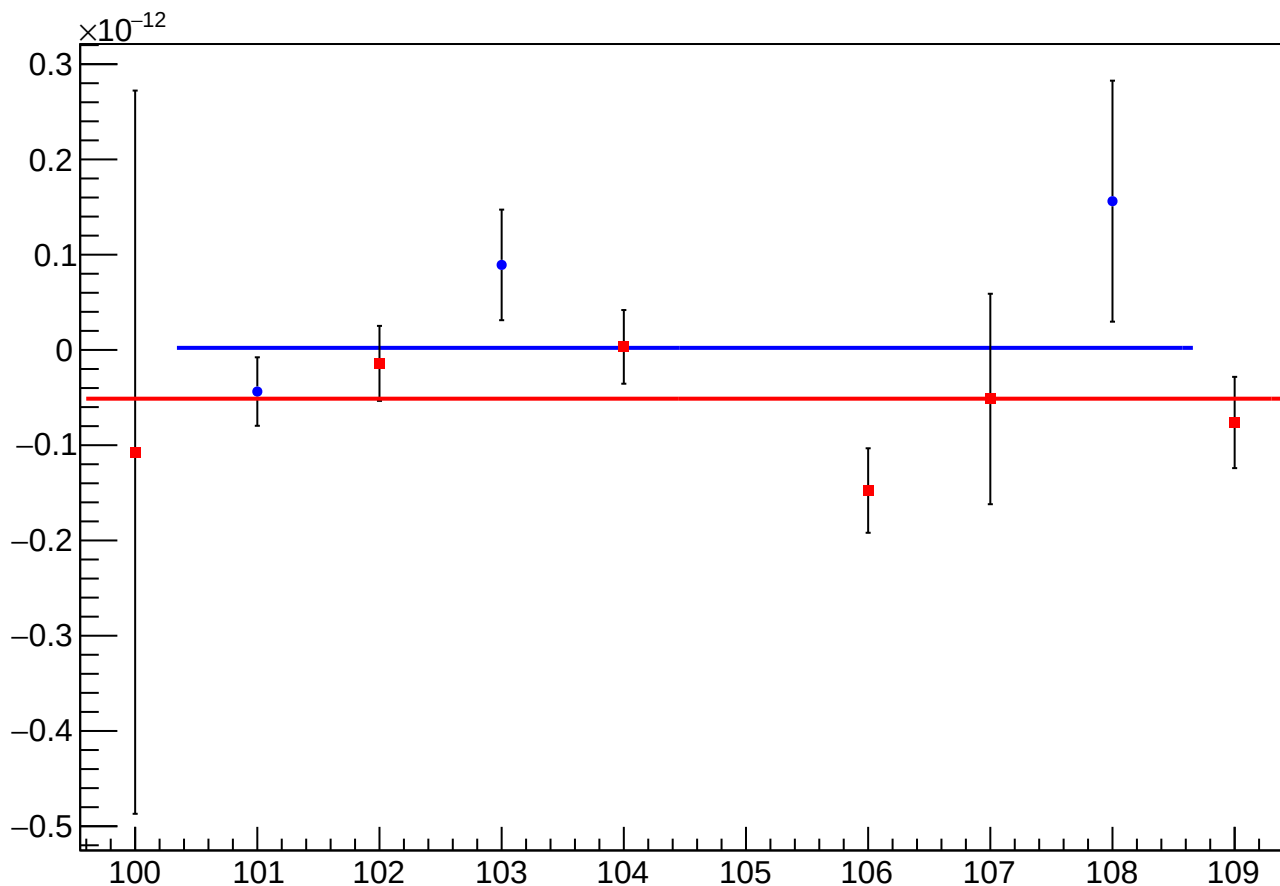
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.853+/-0.015 χ^2/NDF : 554871.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.9/5

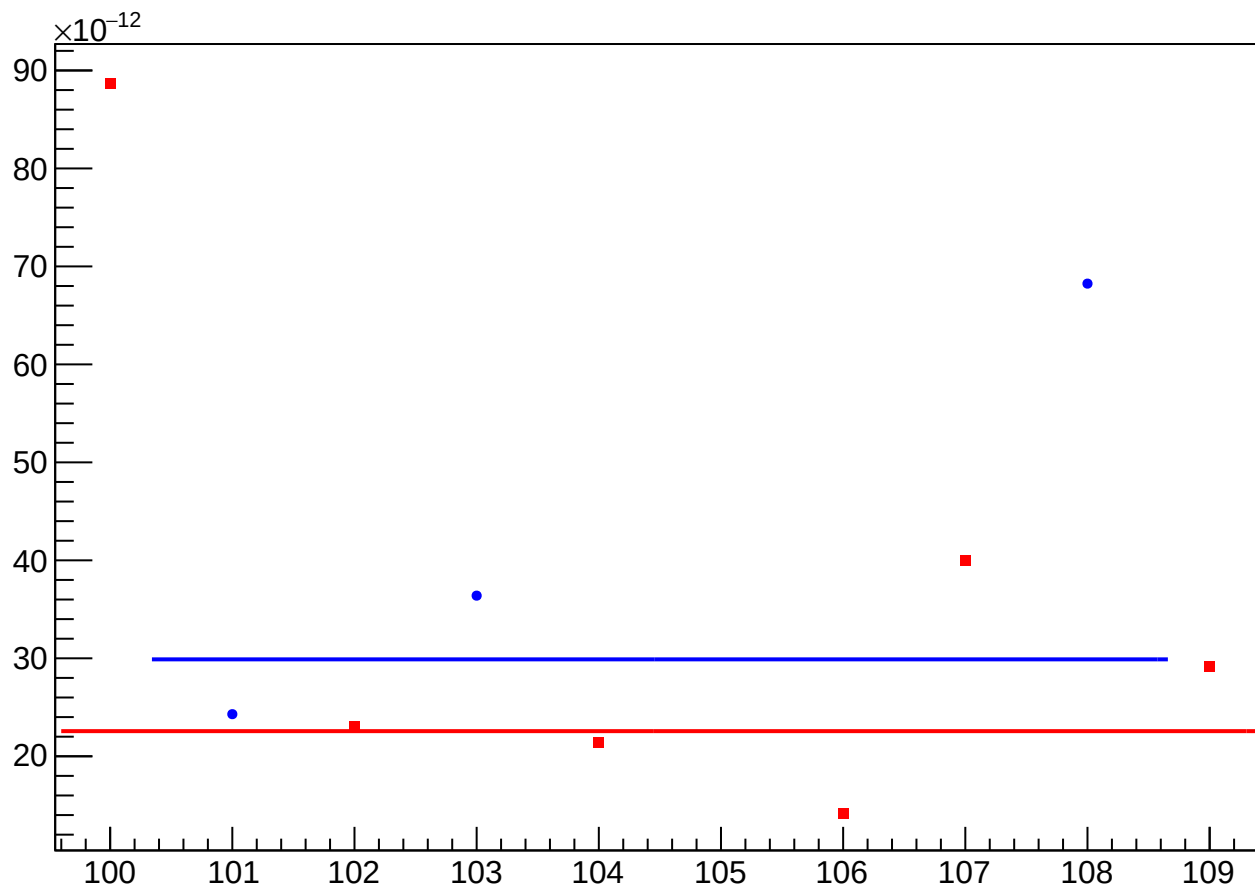
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 15.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 257331.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 222805.6/5

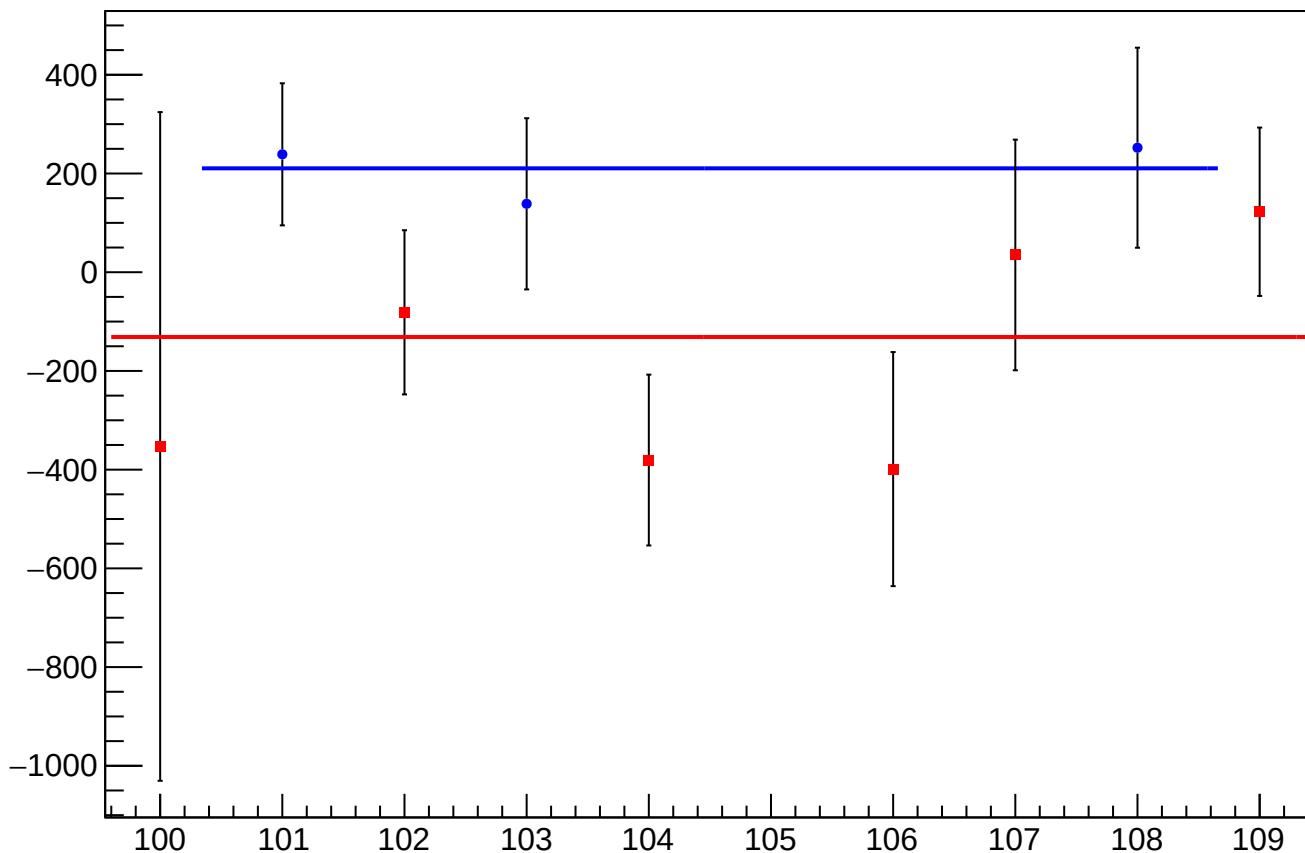
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 562168.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



Right In: 210.461 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -131.203 $\pm$ 83.864 χ^2 /NDF: 6.3/5

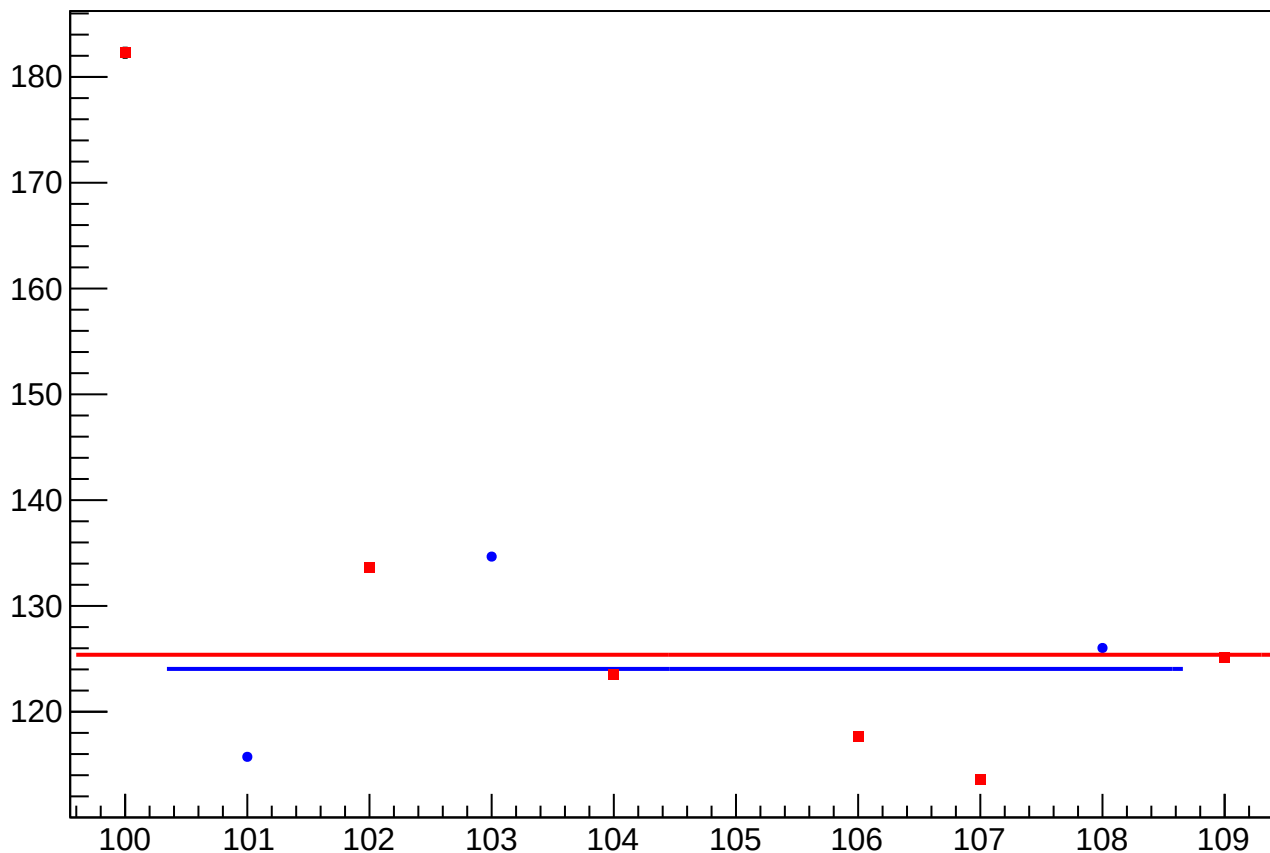
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.615 $\pm$ 63.494 χ^2 /NDF: 13.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 124.047 $\pm$ 0.069 χ^2 /NDF: 14351.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.385 $\pm$ 0.059 χ^2 /NDF: 26449.1/5

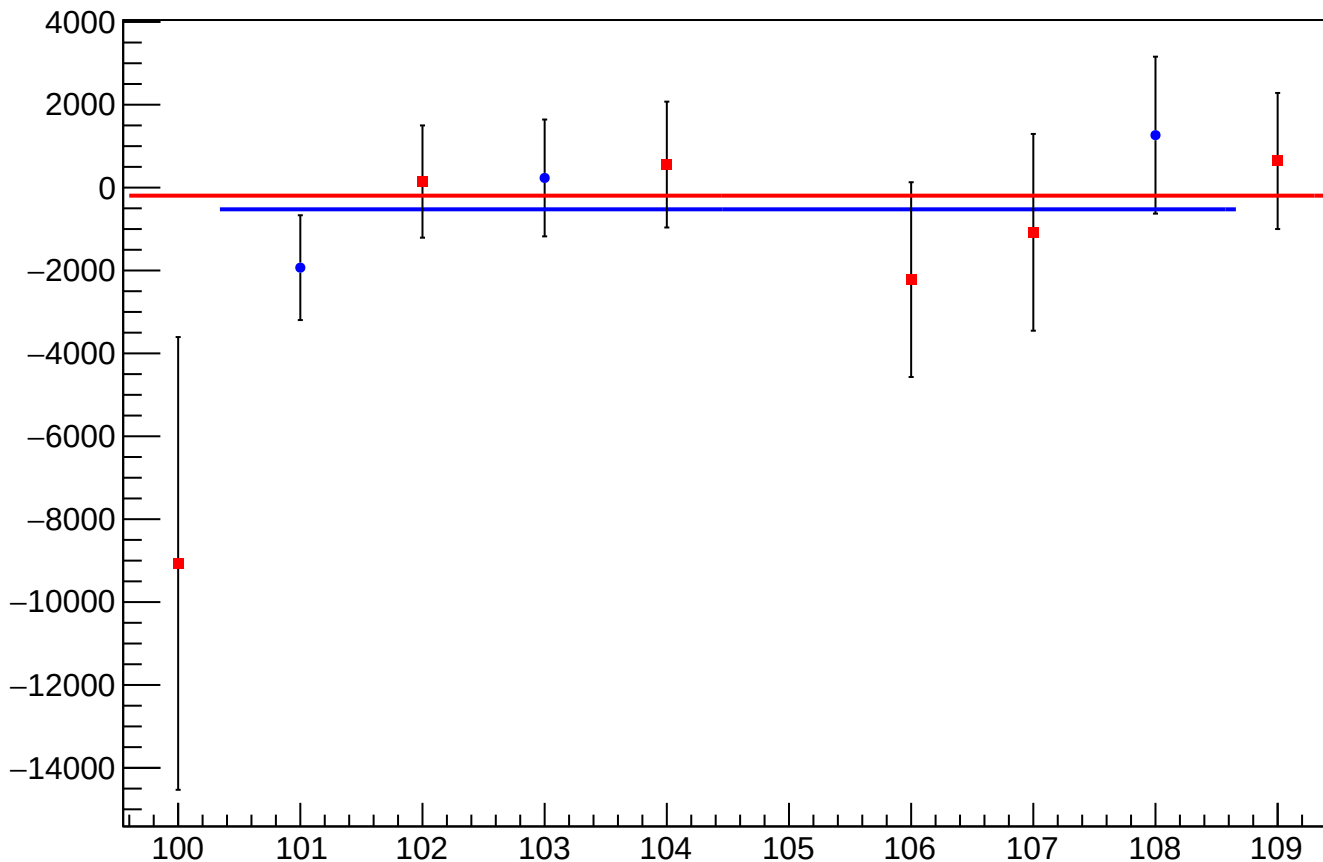
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.814 $\pm$ 0.045 χ^2 /NDF: 41017.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_reg_correction_mean vs Slug



Right In: -524.013+/-842.791 χ^2 /NDF: 2.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -194.396+/-757.550 χ^2 /NDF: 4.1/5

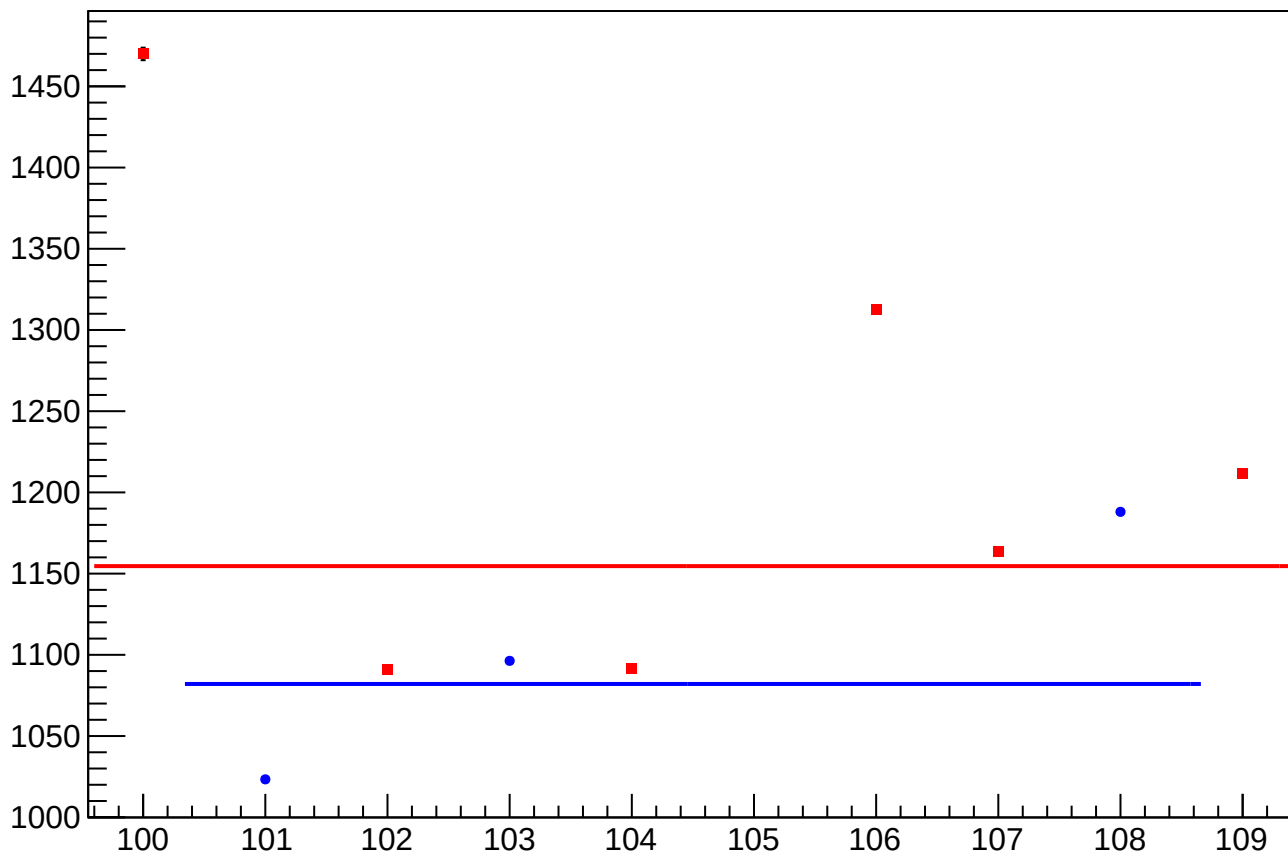
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -341.697+/-563.402 χ^2 /NDF: 6.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 1082.058 $\pm$ 0.596 χ^2 /NDF: 10784.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1154.620 $\pm$ 0.536 χ^2 /NDF: 26036.4/5

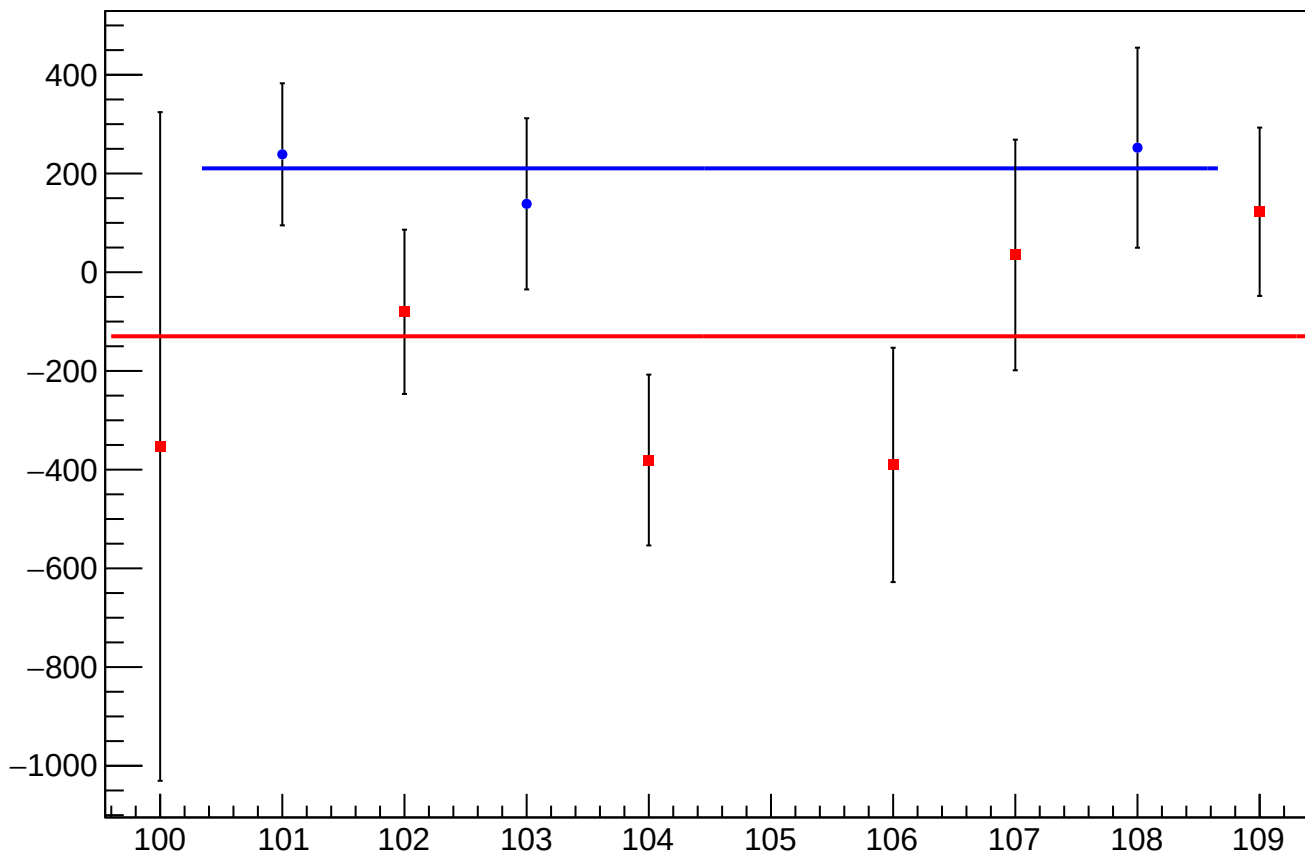
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1122.193 $\pm$ 0.398 χ^2 /NDF: 45020.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



Right In: 210.441 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -129.802 $\pm$ 83.887 χ^2 /NDF: 6.2/5

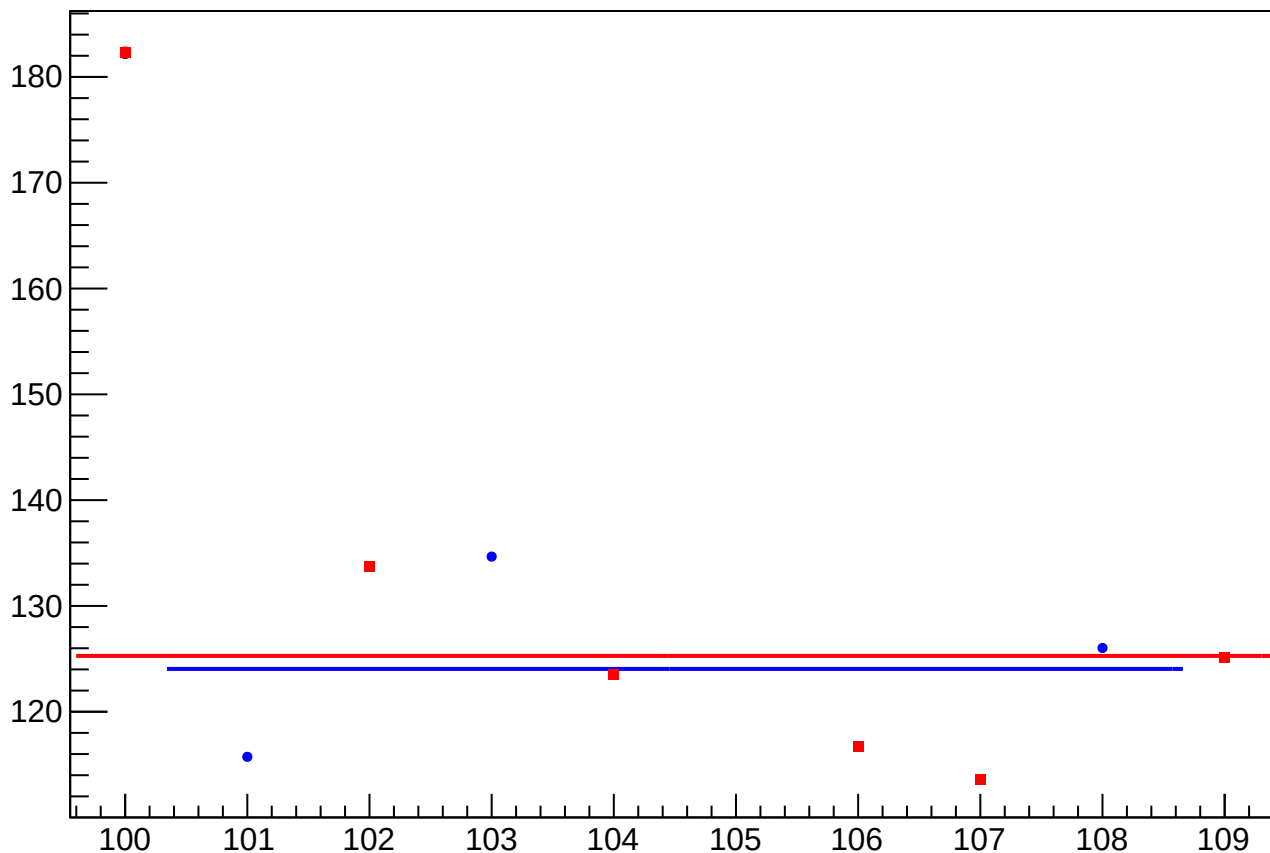
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.456 $\pm$ 63.504 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



Right In: 124.048 $\pm$ 0.069 χ^2 /NDF: 14351.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.277 $\pm$ 0.059 χ^2 /NDF: 27110.2/5

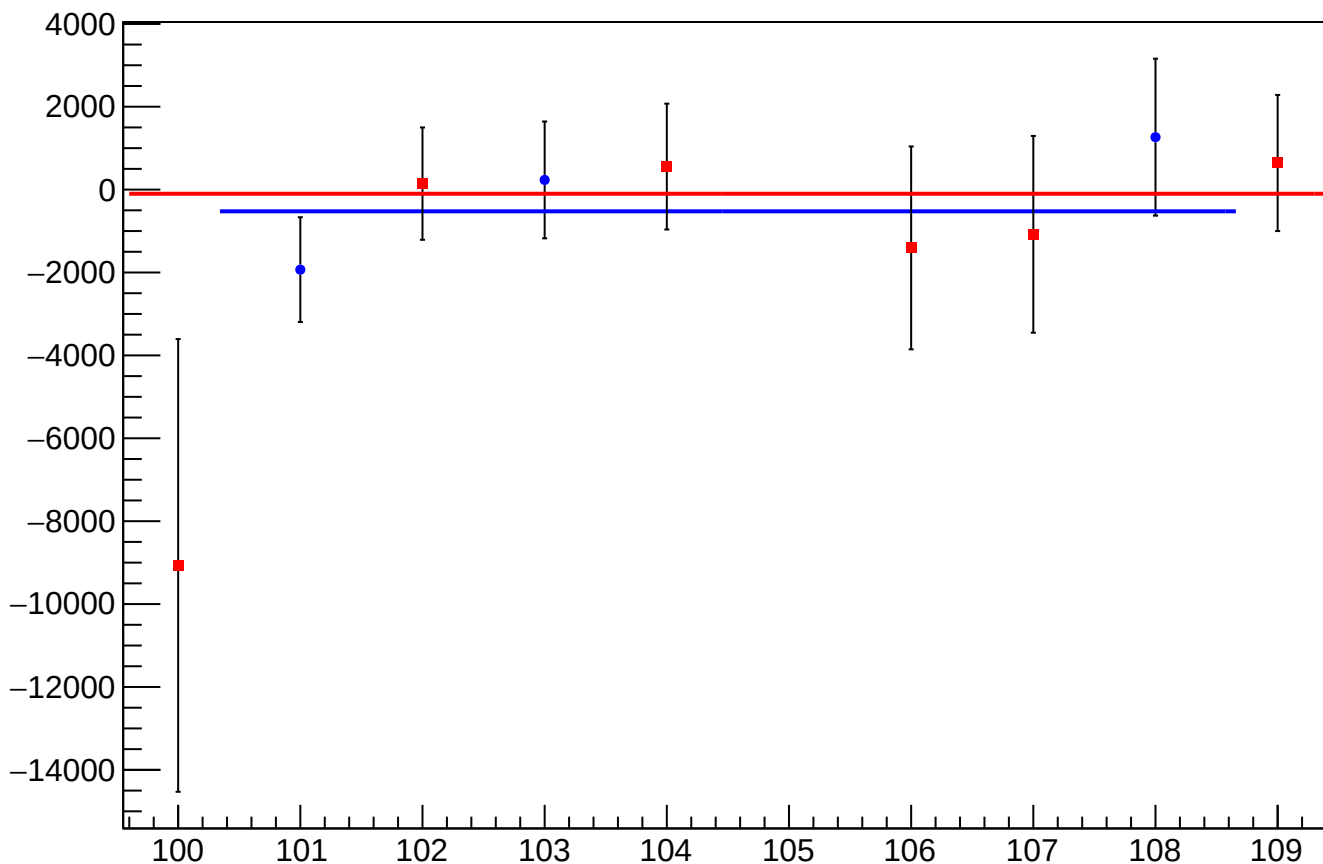
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.752 $\pm$ 0.045 χ^2 /NDF: 41645.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_cor_correction_mean vs Slug



Right In: -523.808 $\pm$ 842.808 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.030 $\pm$ 760.835 χ^2 /NDF: 3.6/5

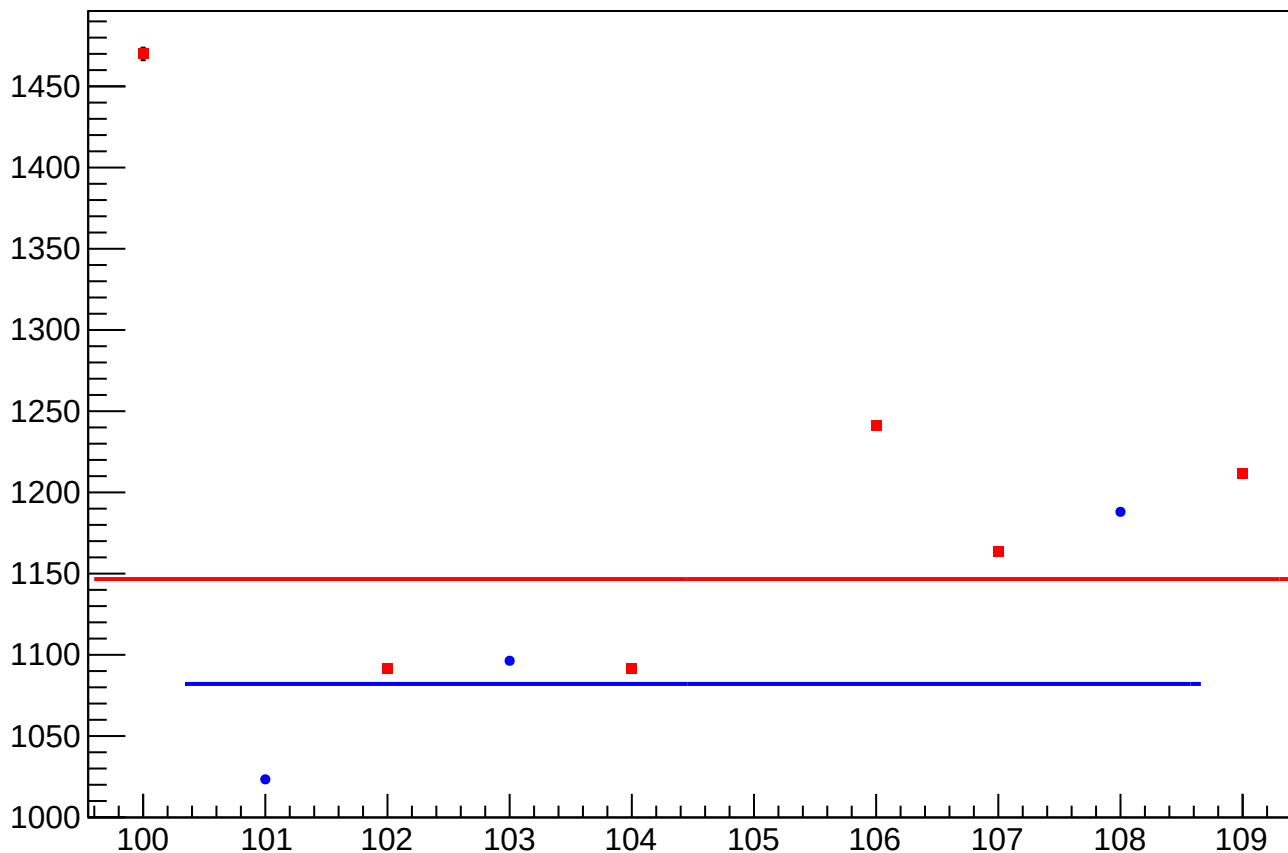
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -290.313 $\pm$ 564.755 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



Right In: 1082.078+/-0.596 χ^2/NDF : 10785.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.635+/-0.538 χ^2/NDF : 19110.0/5

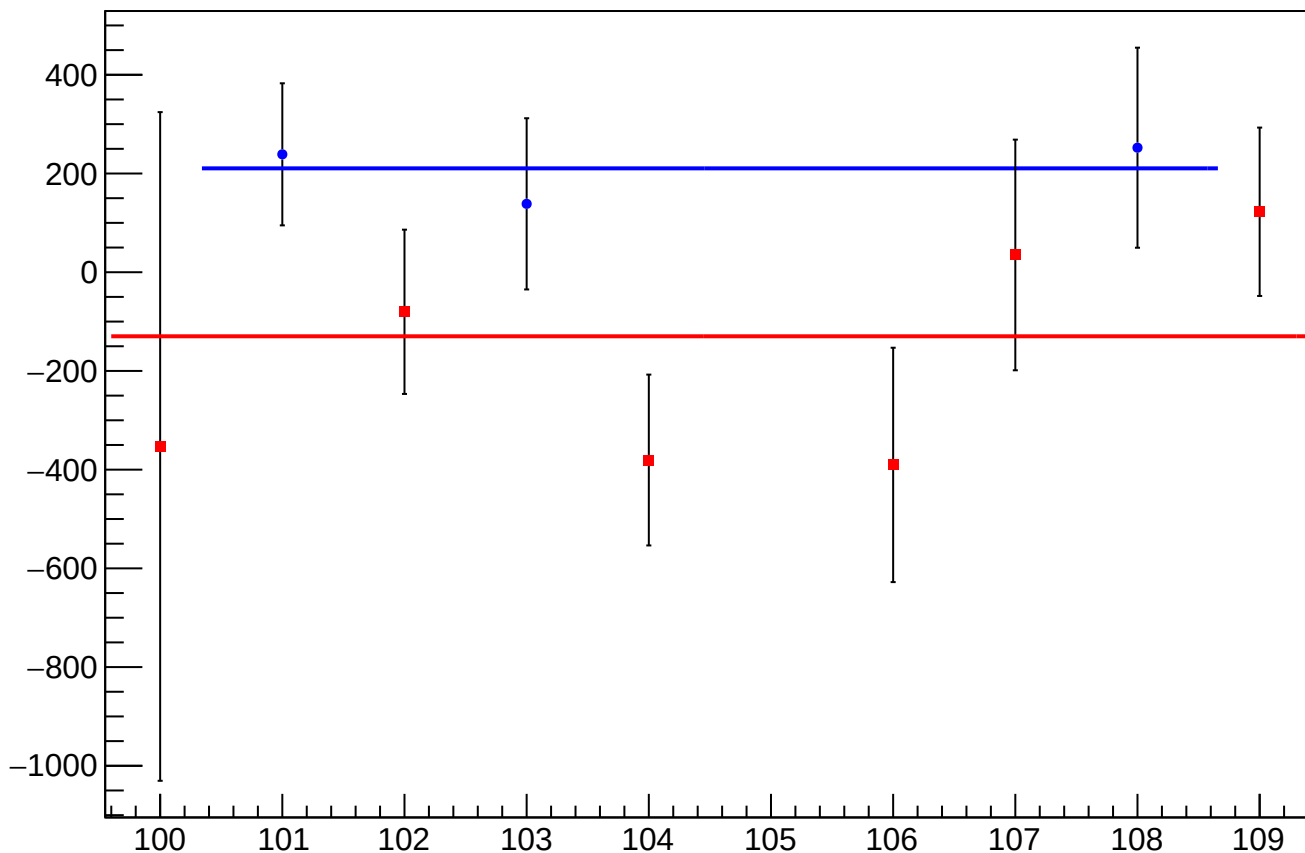
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.648+/-0.399 χ^2/NDF : 36361.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 210.441 $\pm$ 97.191 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -129.802 $\pm$ 83.887 χ^2 /NDF: 6.2/5

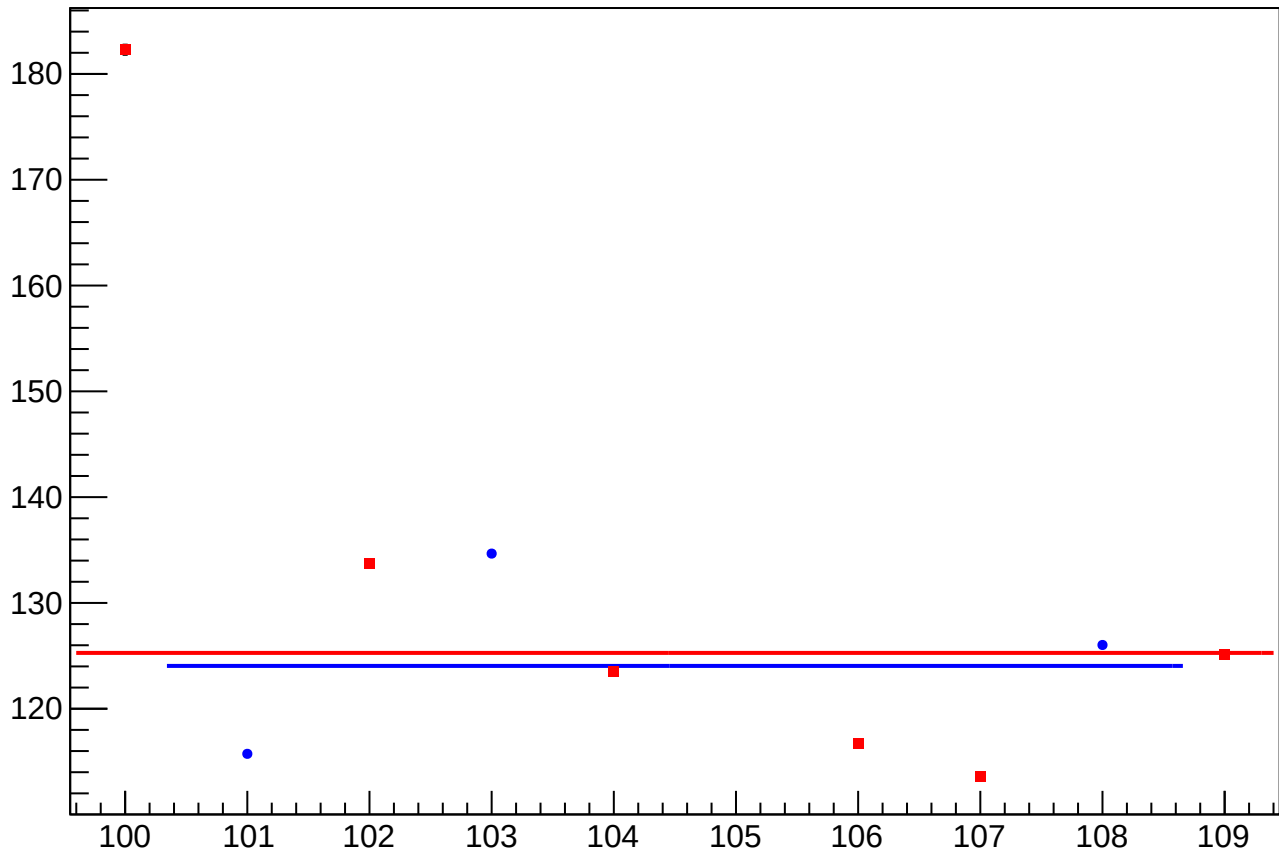
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.456 $\pm$ 63.504 χ^2 /NDF: 13.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 124.048 $\pm$ 0.069 χ^2 /NDF: 14351.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 125.277 $\pm$ 0.059 χ^2 /NDF: 27110.2/5

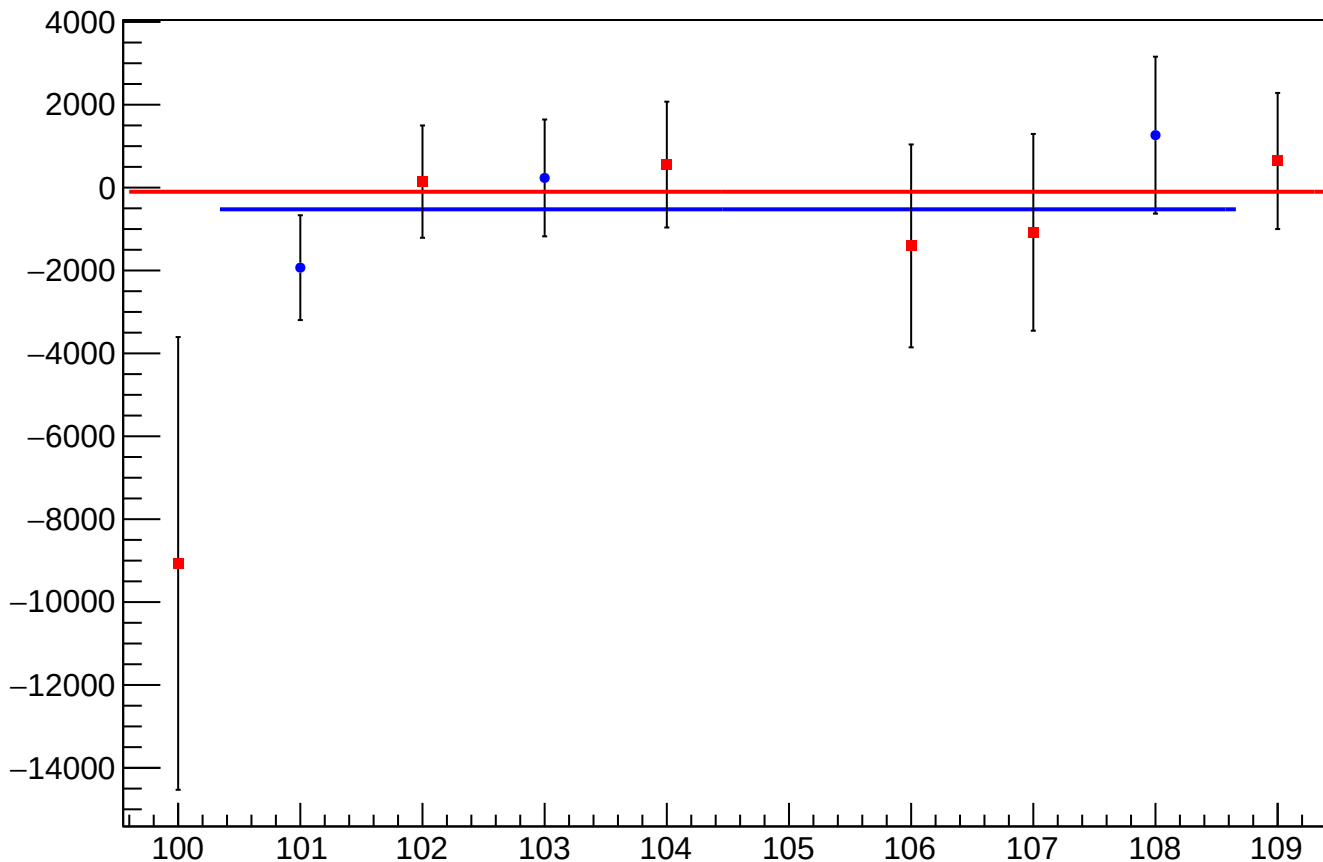
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 124.752 $\pm$ 0.045 χ^2 /NDF: 41645.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug



Right In: -523.808 $\pm$ 842.808 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.030 $\pm$ 760.835 χ^2 /NDF: 3.6/5

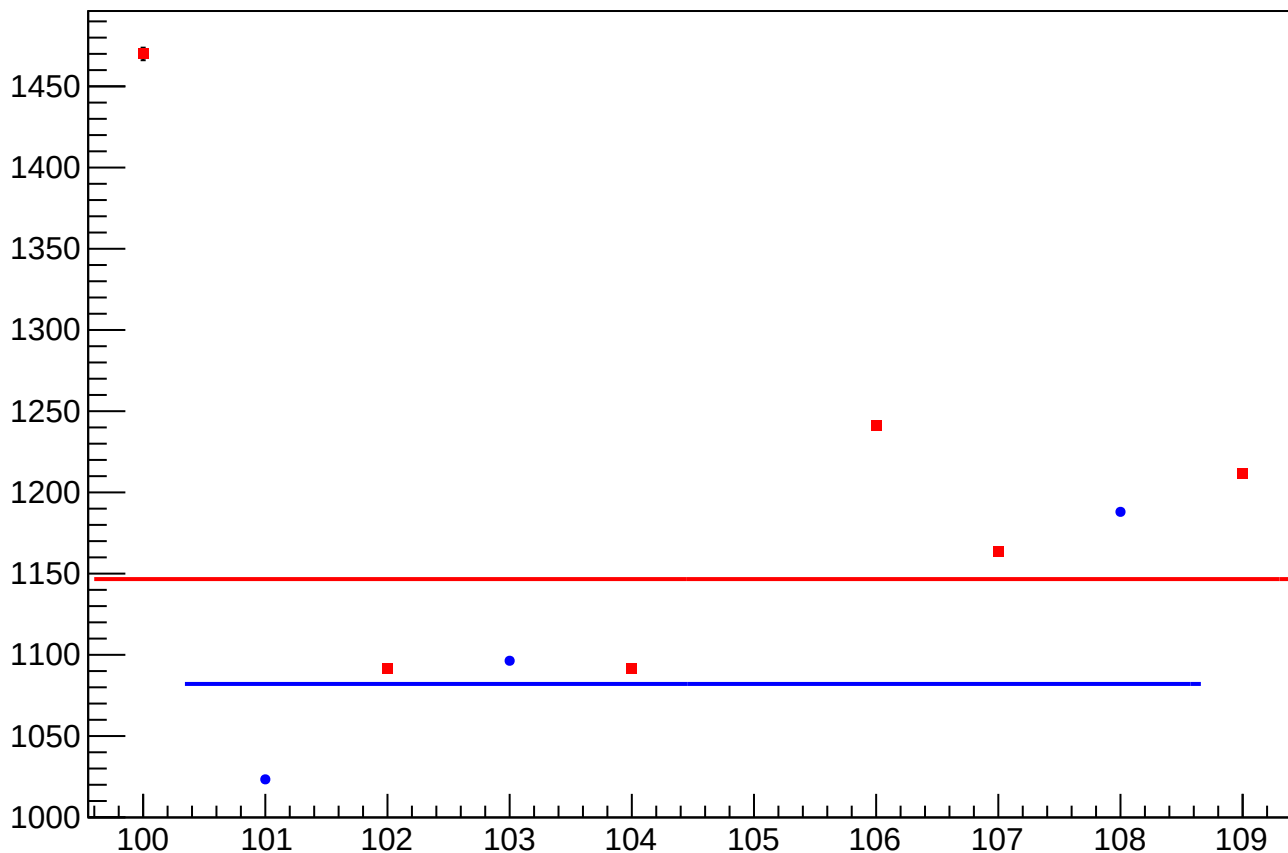
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -290.313 $\pm$ 564.755 χ^2 /NDF: 6.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug



Right In: 1082.078+/-0.596 χ^2/NDF : 10785.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1146.635+/-0.538 χ^2/NDF : 19110.0/5

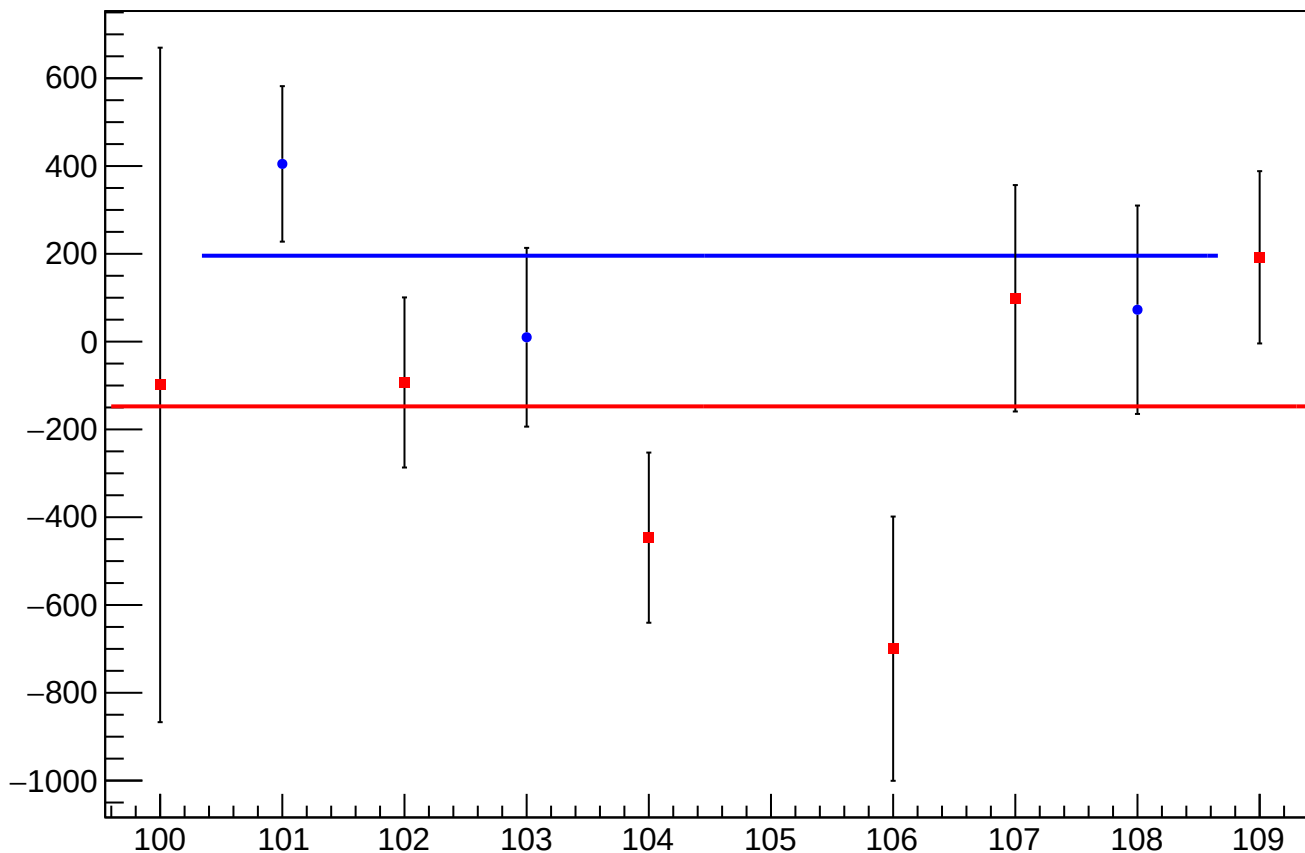
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.648+/-0.399 χ^2/NDF : 36361.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 195.711 $\pm$ 116.445 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -147.527 $\pm$ 96.681 χ^2 /NDF: 9.7/5

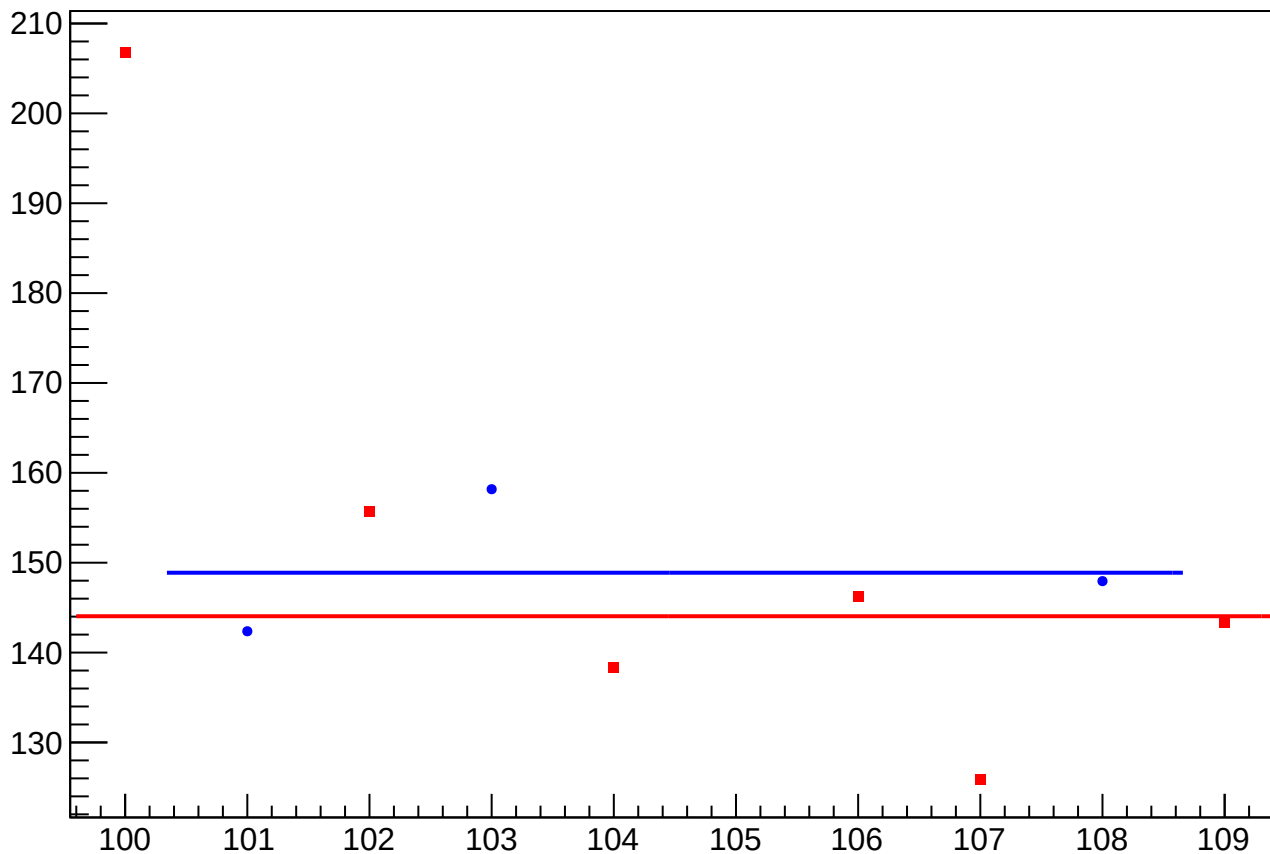
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.467 $\pm$ 74.384 χ^2 /NDF: 17.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



Right In: 148.885 $\pm$ 0.082 χ^2 /NDF: 6903.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.044 $\pm$ 0.068 χ^2 /NDF: 32309.8/5

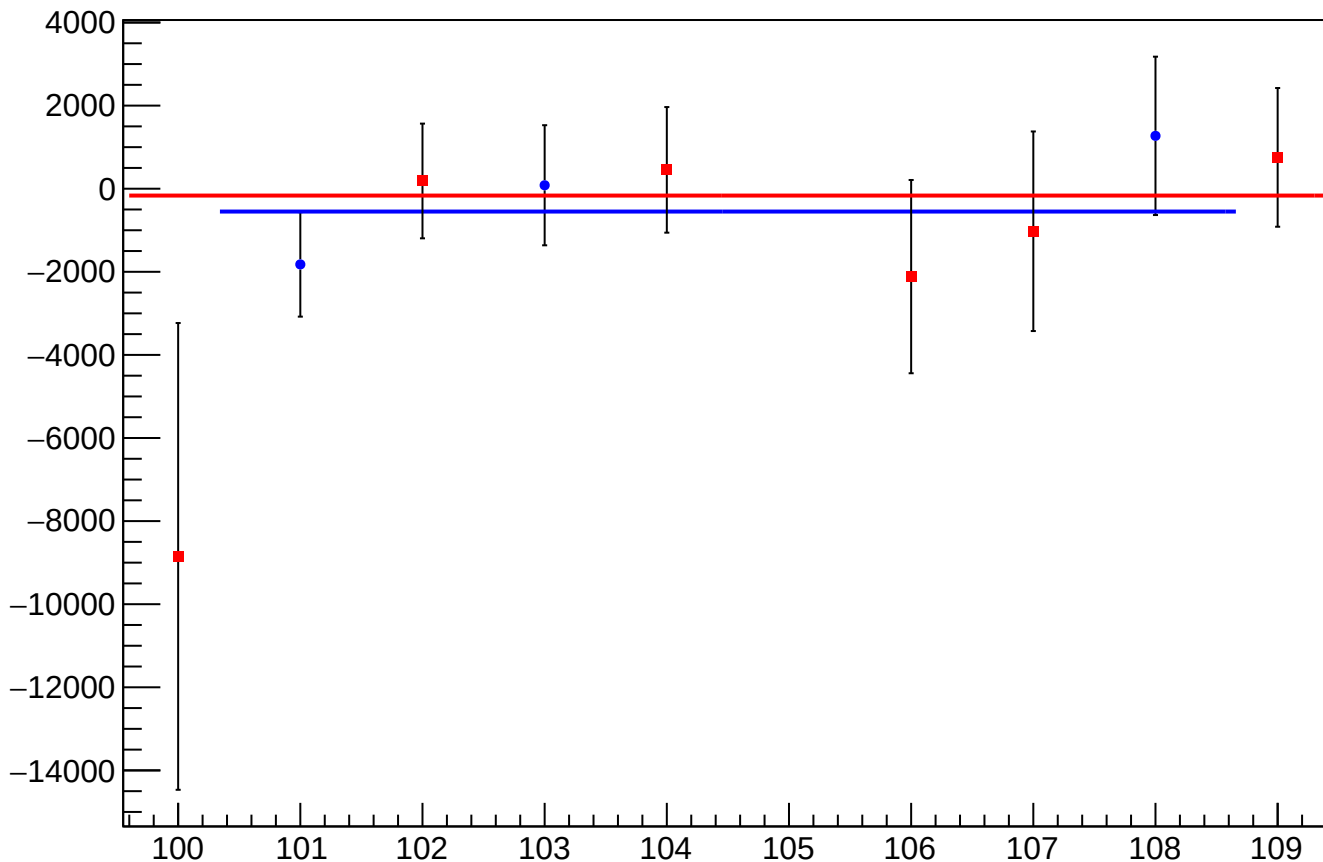
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.020 $\pm$ 0.053 χ^2 /NDF: 41258.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: -549.727 $\pm$ 849.251 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -165.032 $\pm$ 764.481 χ^2 /NDF: 3.8/5

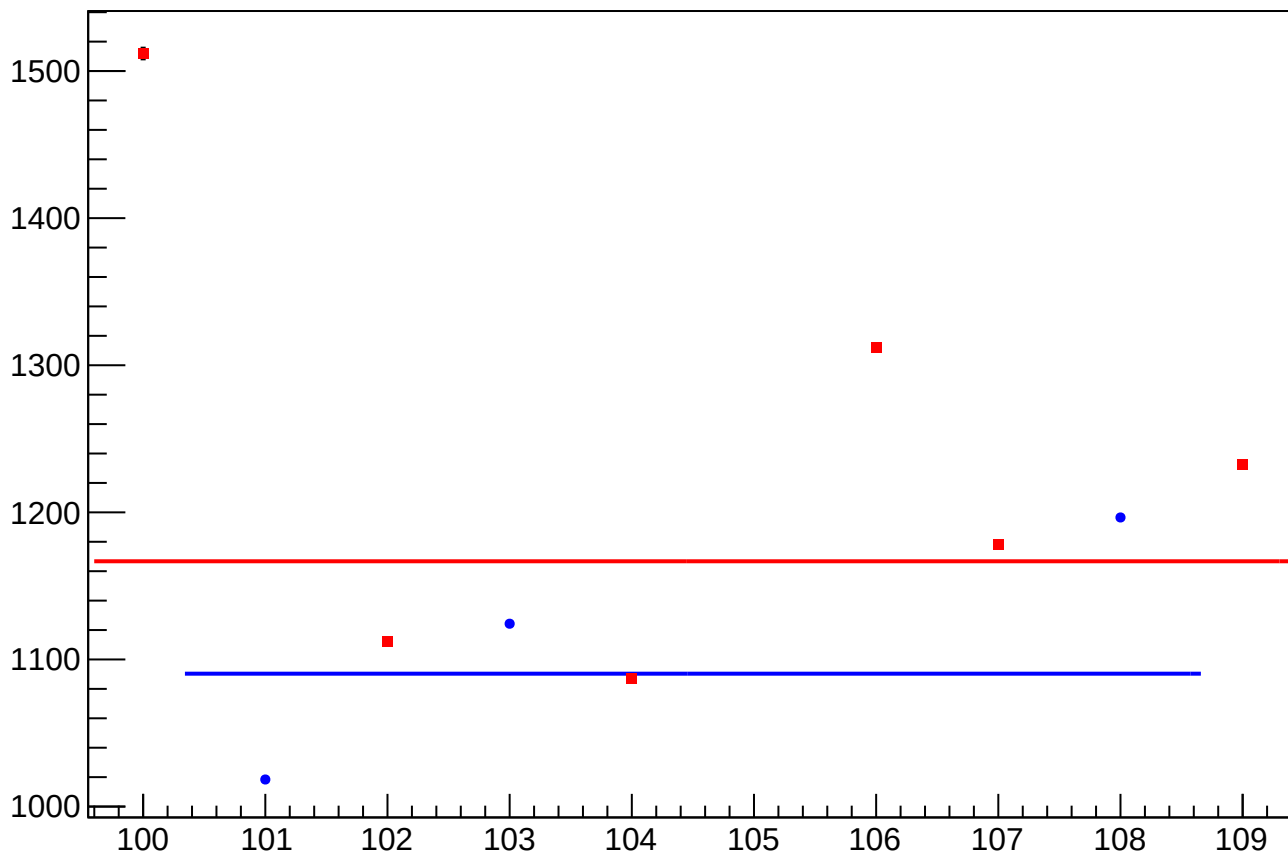
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -337.227 $\pm$ 568.182 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 1090.332 $\pm$ 0.601 χ^2 /NDF: 13859.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1166.745 $\pm$ 0.541 χ^2 /NDF: 27198.2/5

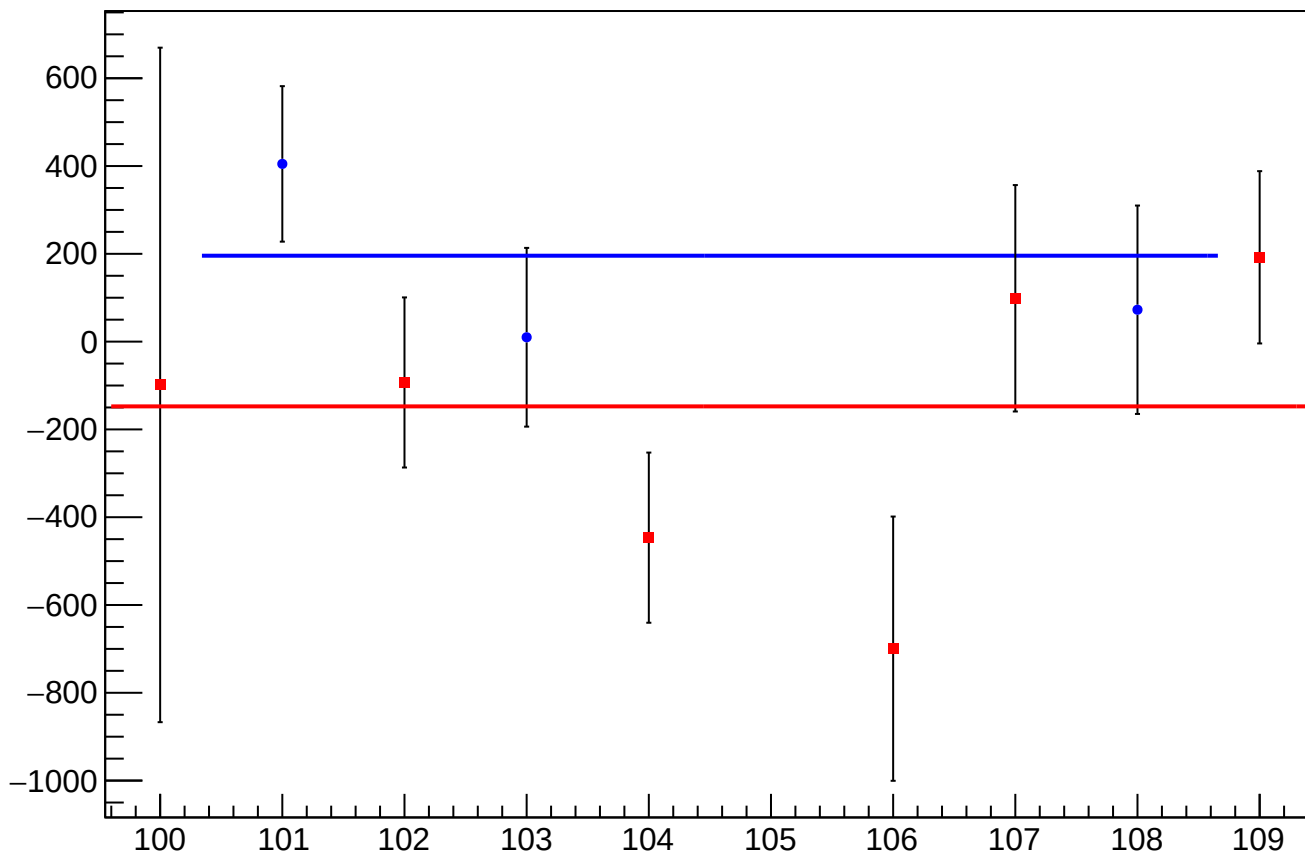
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1132.541 $\pm$ 0.402 χ^2 /NDF: 50001.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 195.708 $\pm$ 116.445 χ^2/NDF : 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -147.528 $\pm$ 96.681 χ^2/NDF : 9.7/5

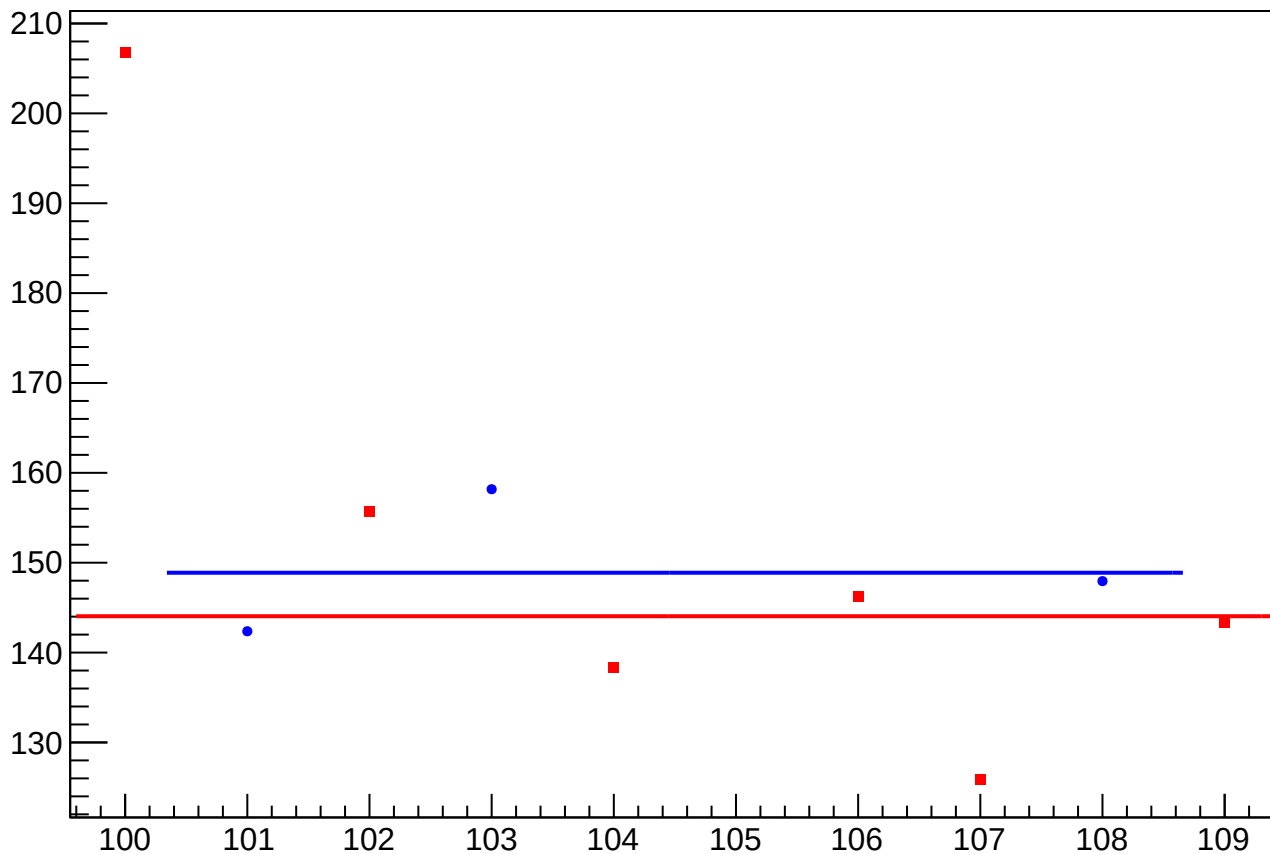
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -7.469 $\pm$ 74.384 χ^2/NDF : 17.4/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 148.885 $\pm$ 0.082 χ^2 /NDF: 6902.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 144.044 $\pm$ 0.068 χ^2 /NDF: 32309.0/5

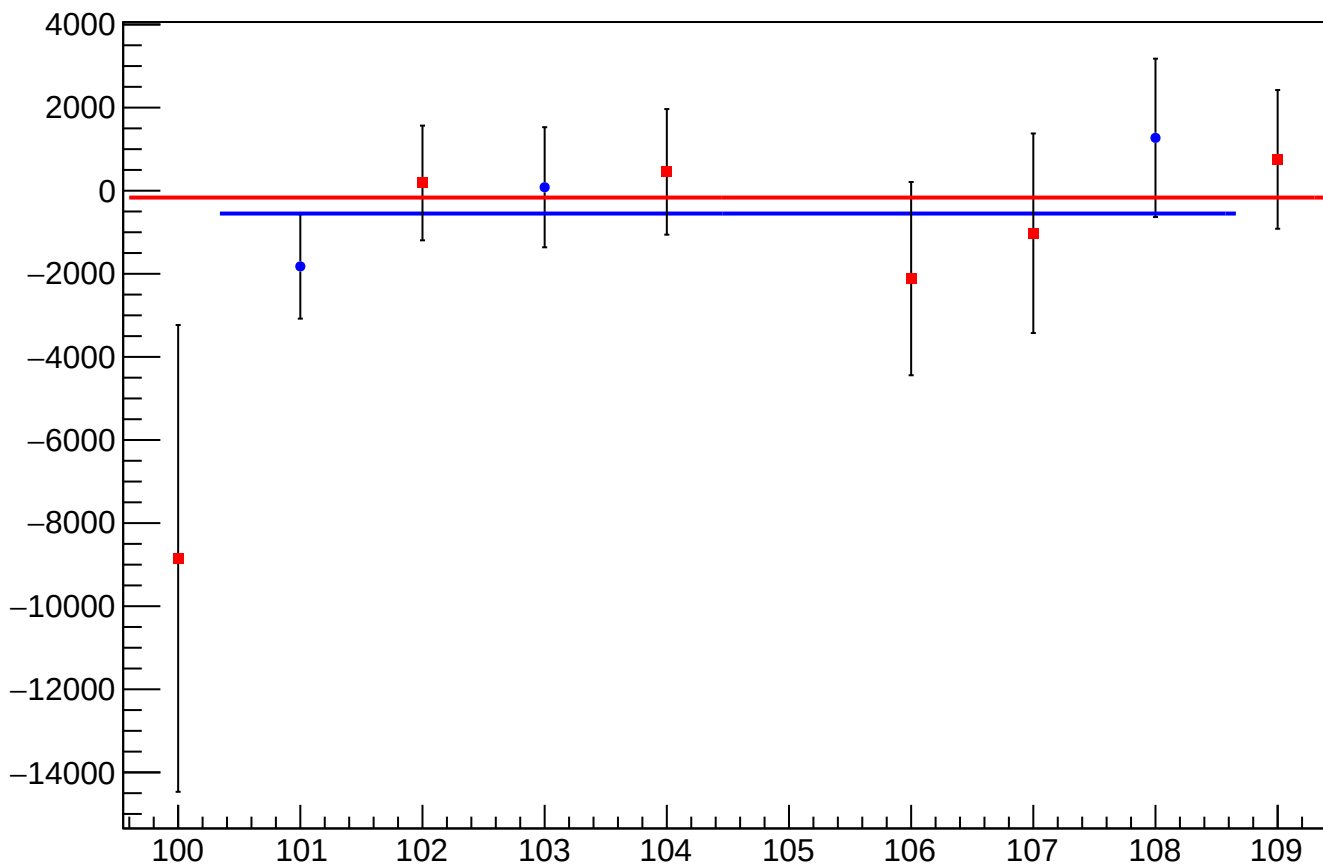
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 146.019 $\pm$ 0.053 χ^2 /NDF: 41257.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug



Right In: -549.727 $\pm$ 849.249 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -165.031 $\pm$ 764.479 χ^2 /NDF: 3.8/5

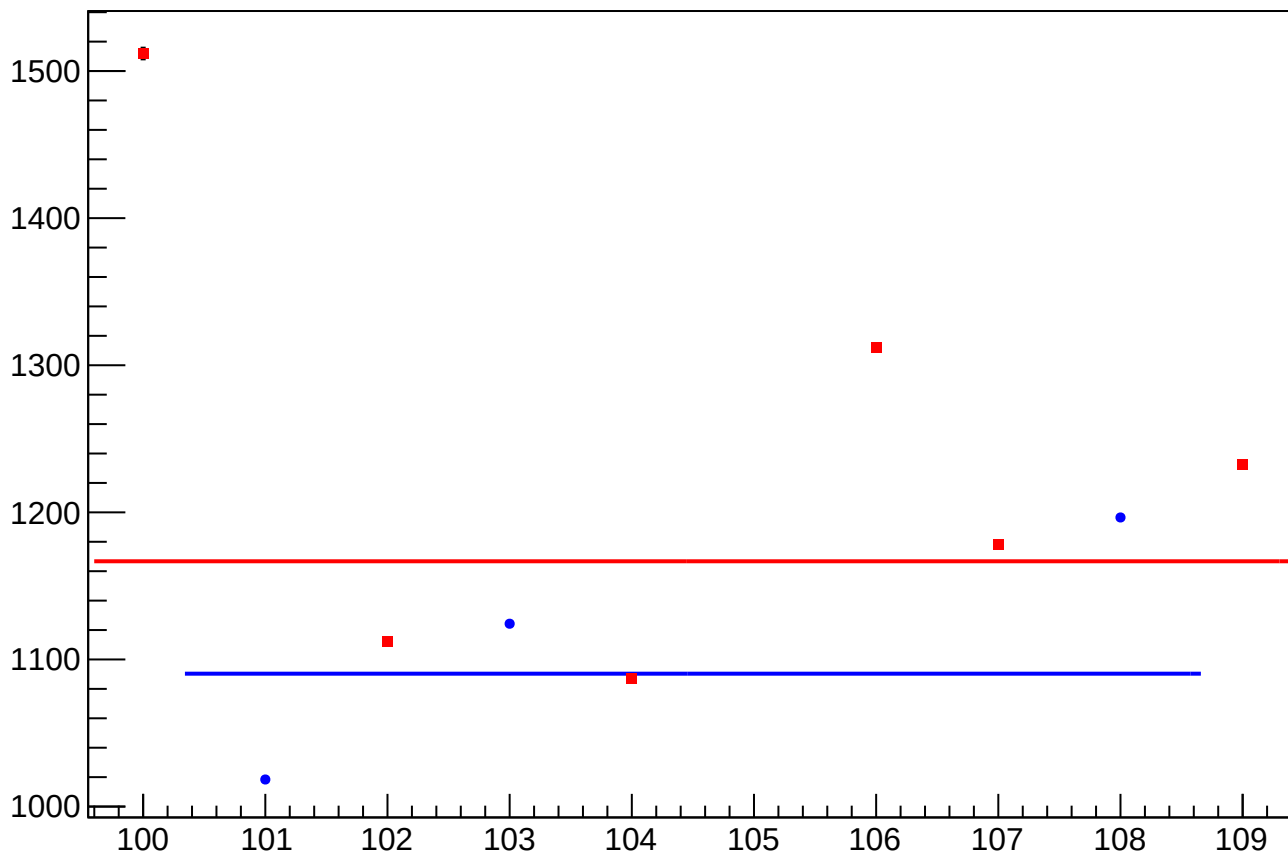
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -337.226 $\pm$ 568.181 χ^2 /NDF: 6.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug



Right In: 1090.330+/-0.601 χ^2/NDF : 13858.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1166.742+/-0.541 χ^2/NDF : 27199.0/5

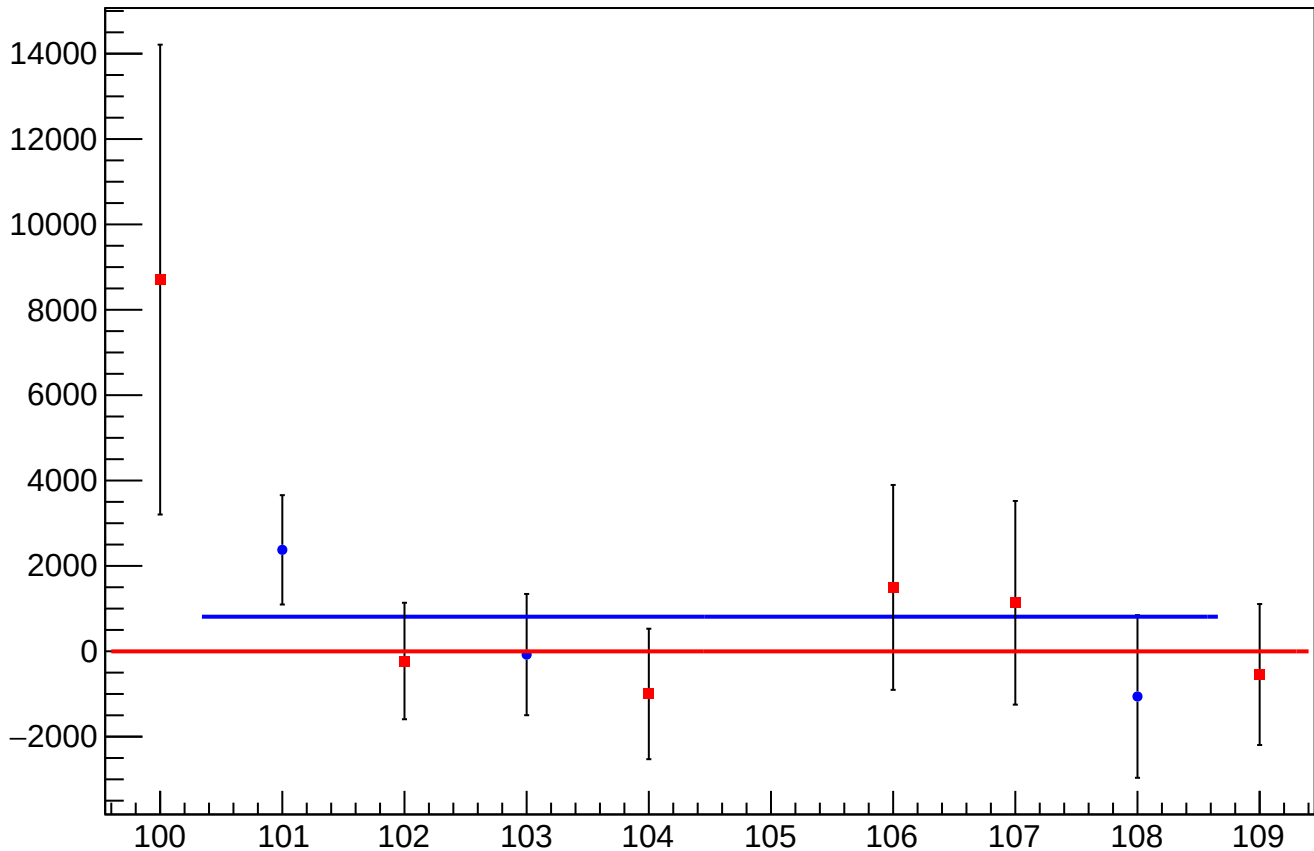
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.539+/-0.402 χ^2/NDF : 50001.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 810.138 $\pm$ 850.932 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.934 $\pm$ 763.755 χ^2 /NDF: 3.7/5

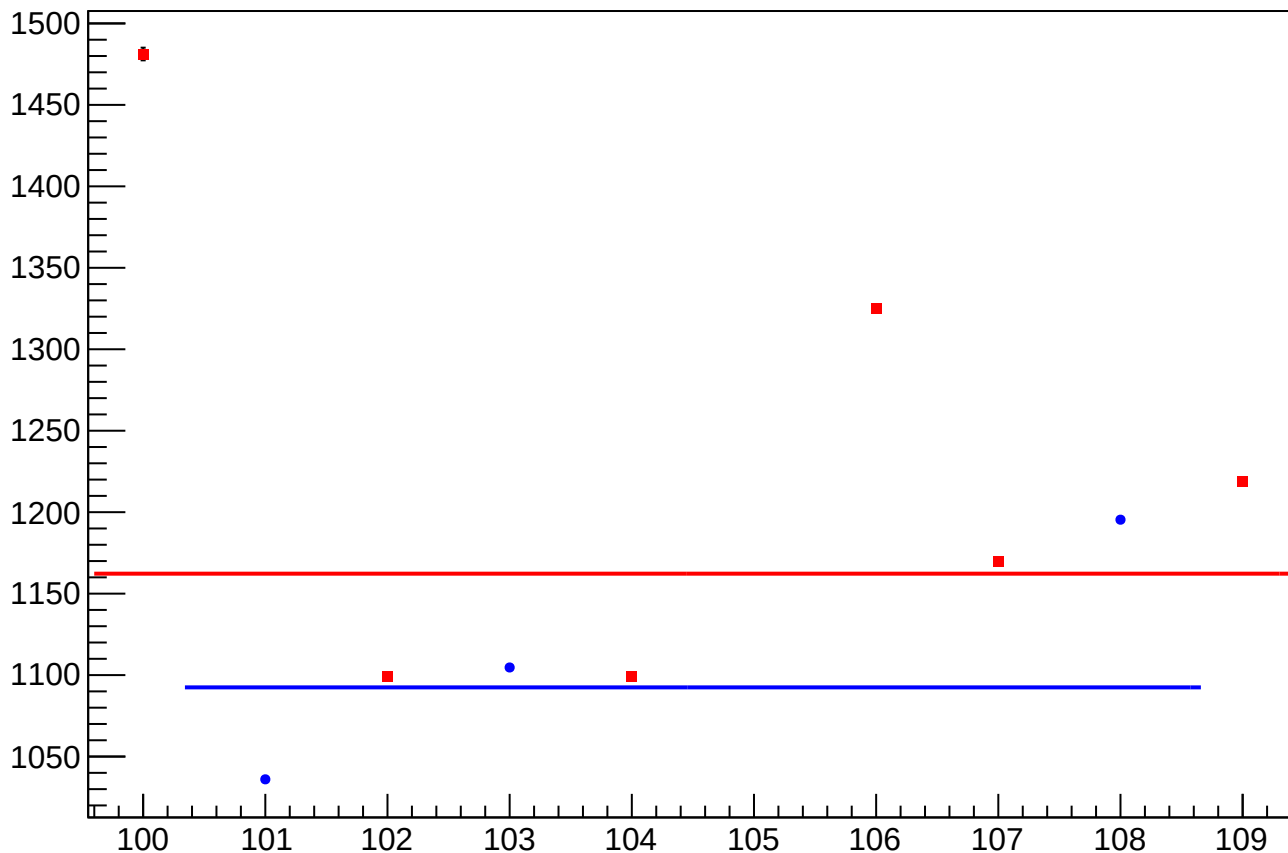
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 360.386 $\pm$ 568.386 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_rms vs Slug



Right In: 1092.465+/-0.602 χ^2/NDF : 9870.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1162.256+/-0.540 χ^2/NDF : 25980.7/5

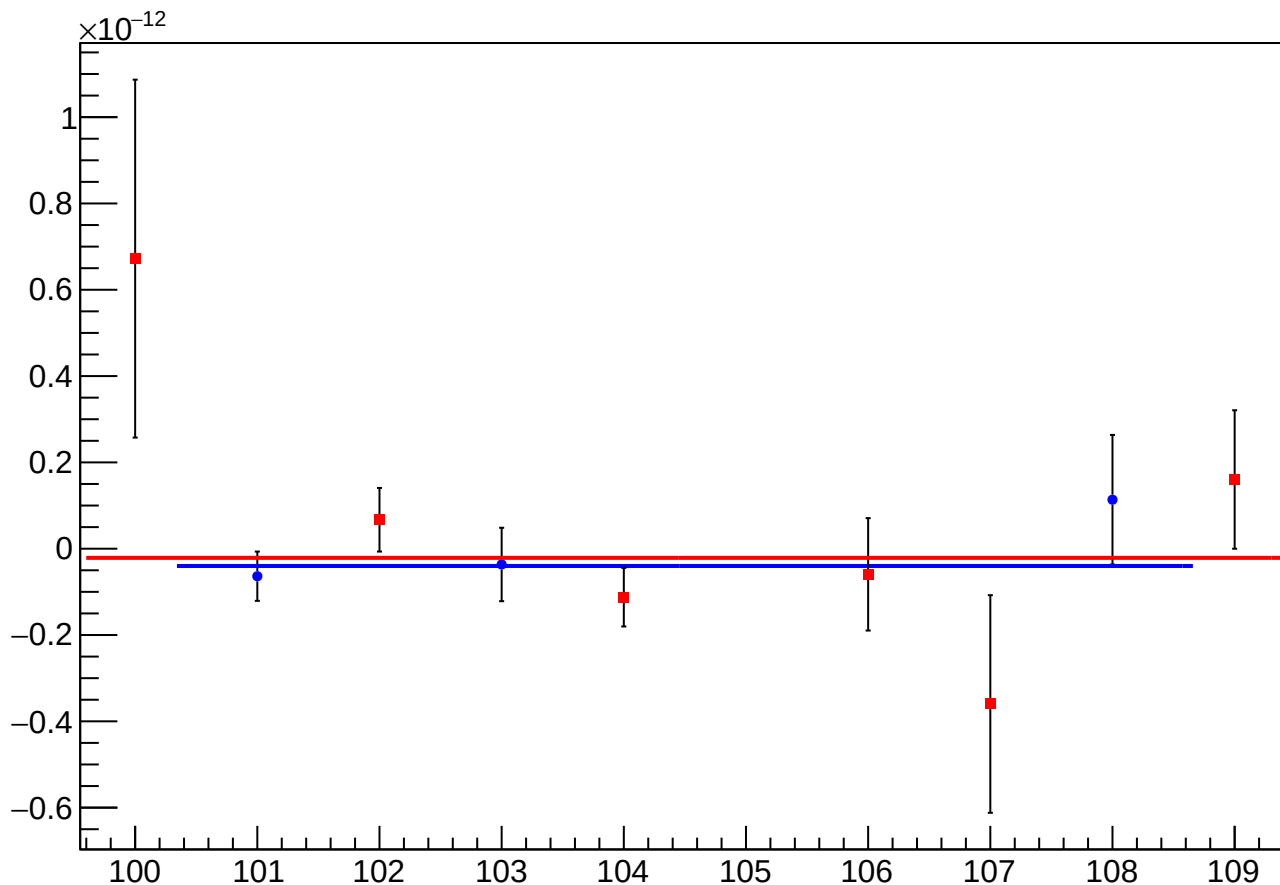
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.118+/-0.402 χ^2/NDF : 43301.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.2/5

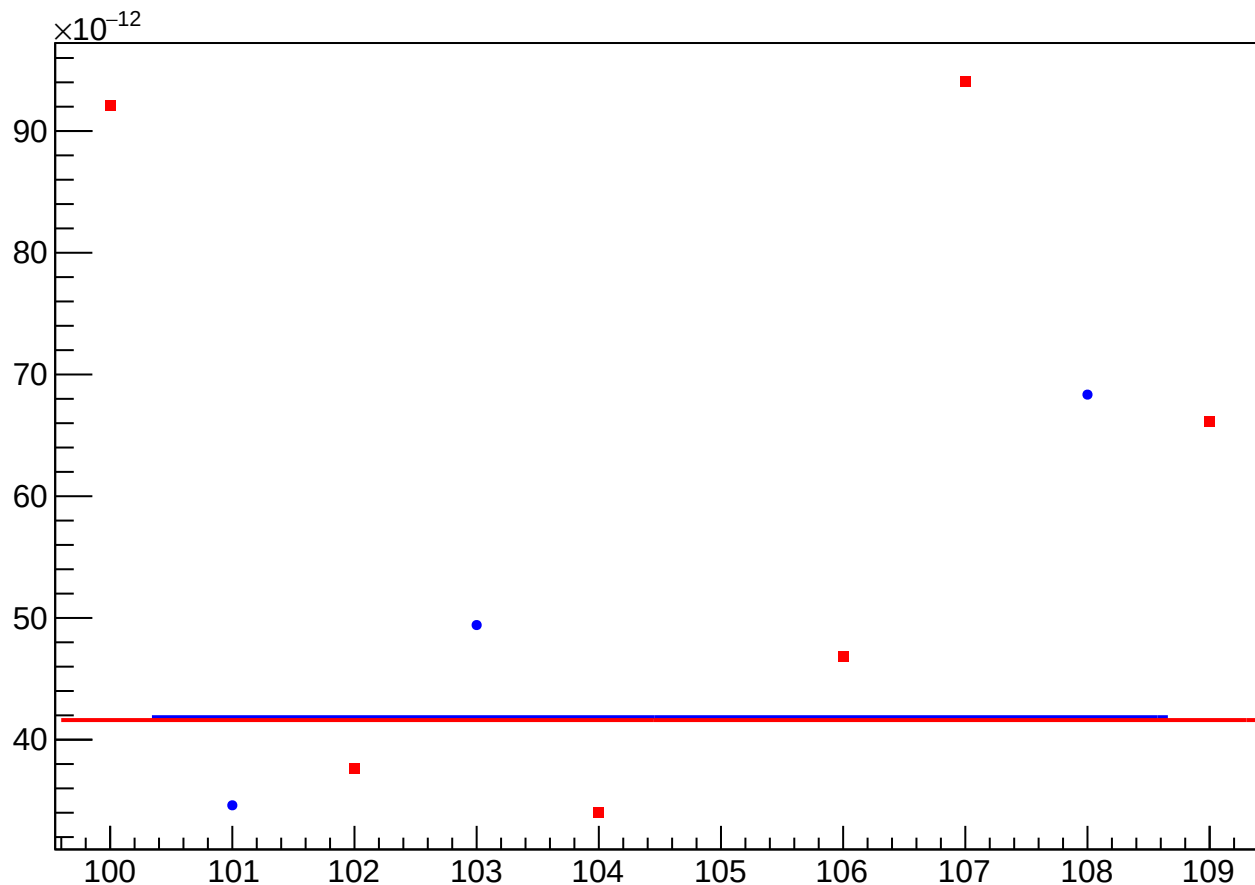
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 10.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 110231.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 196825.9/5

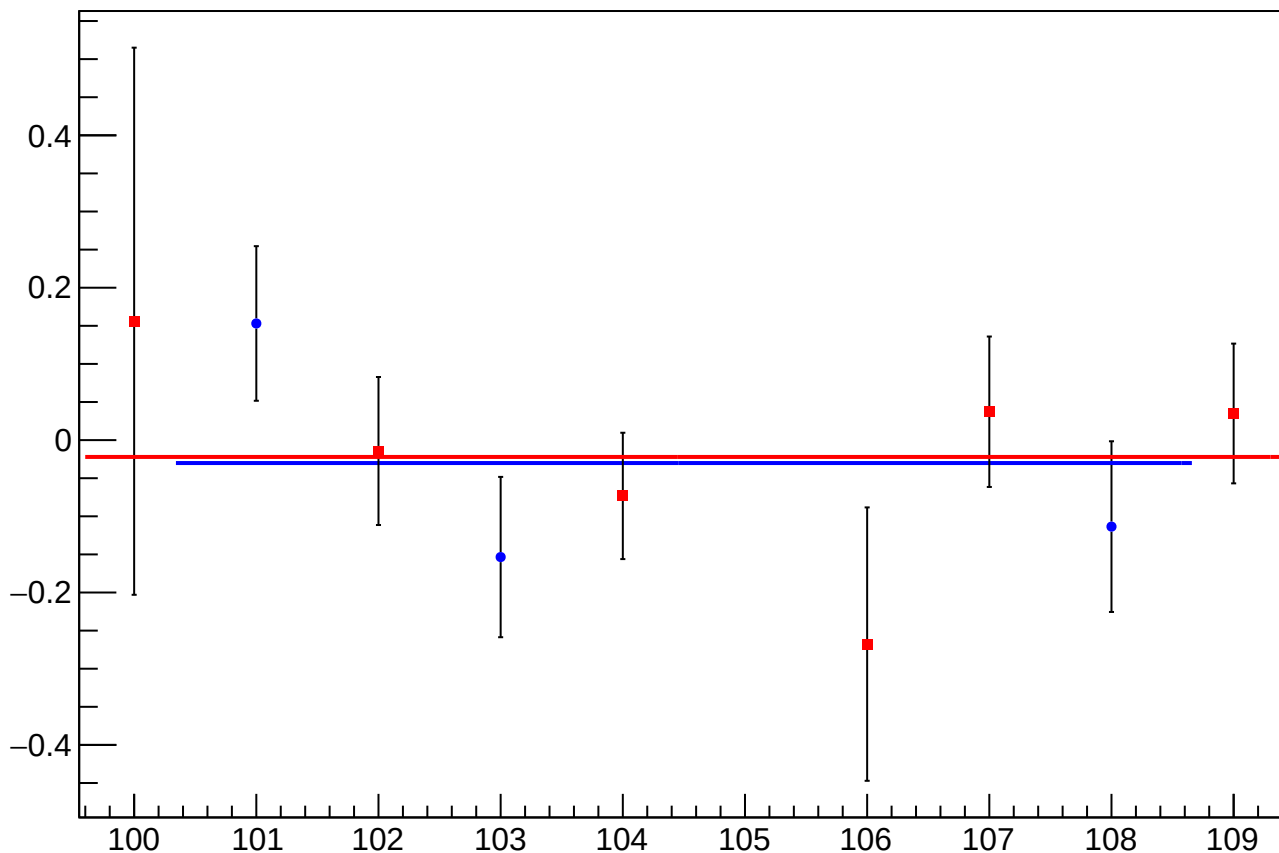
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 307085.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.030 $\pm$ 0.061 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.022 $\pm$ 0.044 χ^2 /NDF: 3.3/5

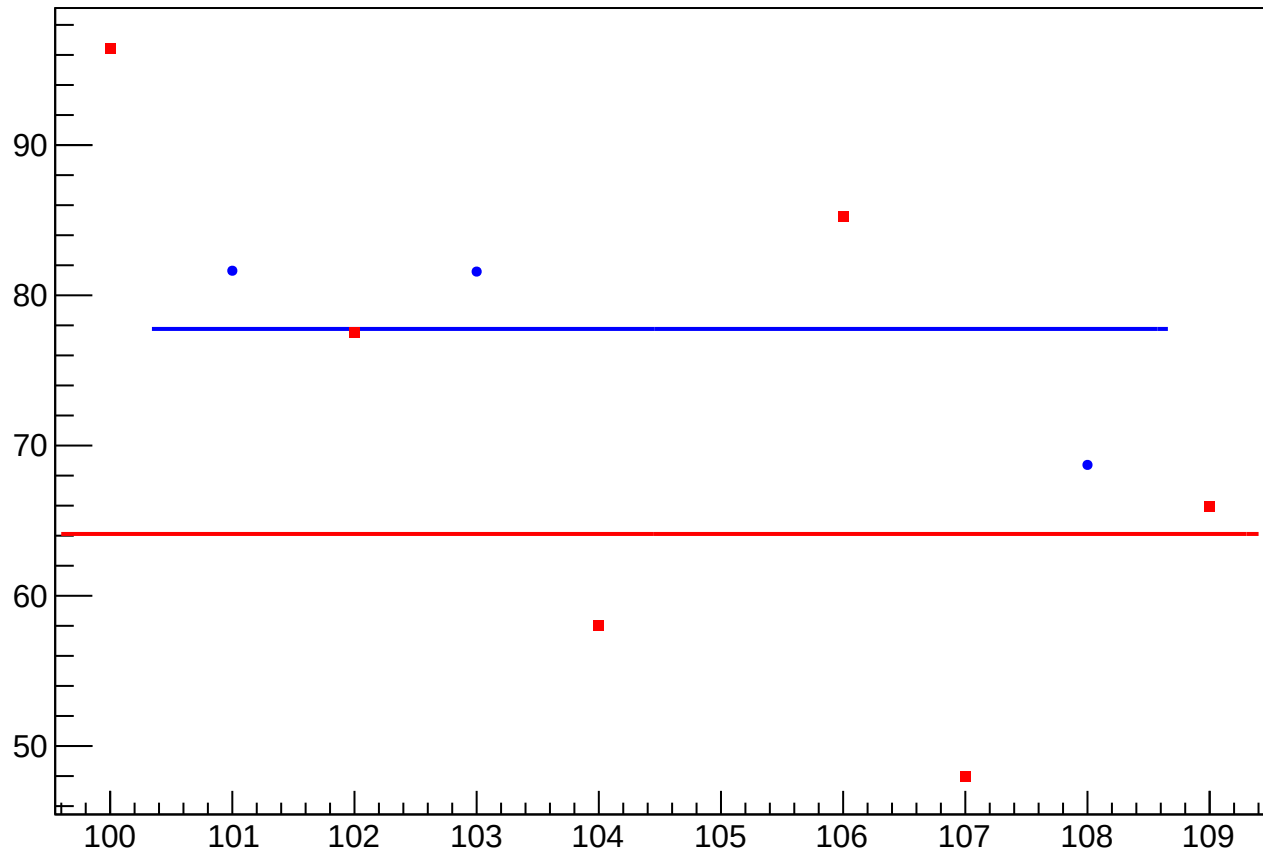
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.036 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 77.762 $\pm$ 0.043 χ^2 /NDF: 18607.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.115 $\pm$ 0.031 χ^2 /NDF: 147433.2/5

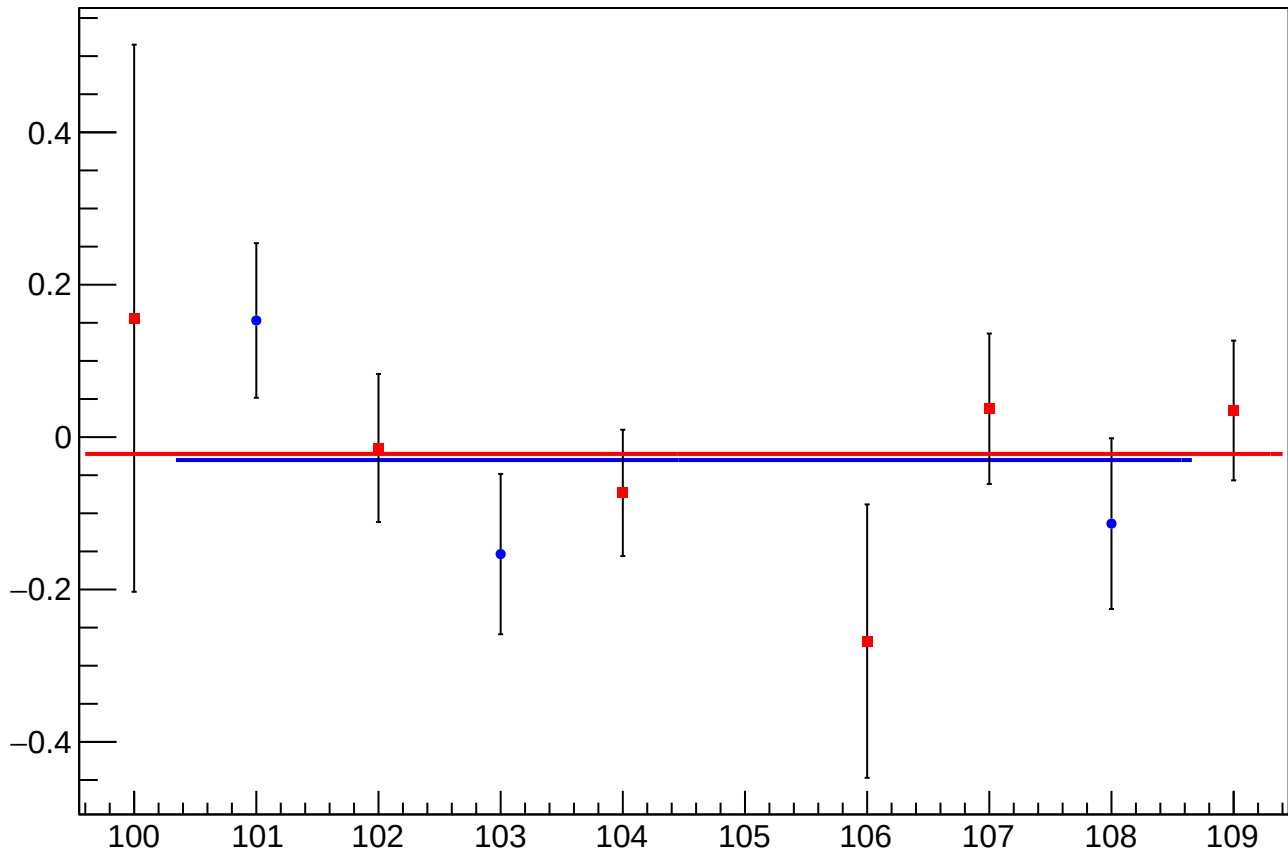
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.796 $\pm$ 0.025 χ^2 /NDF: 231439.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.030 $\pm$ 0.061 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.022 $\pm$ 0.044 χ^2 /NDF: 3.3/5

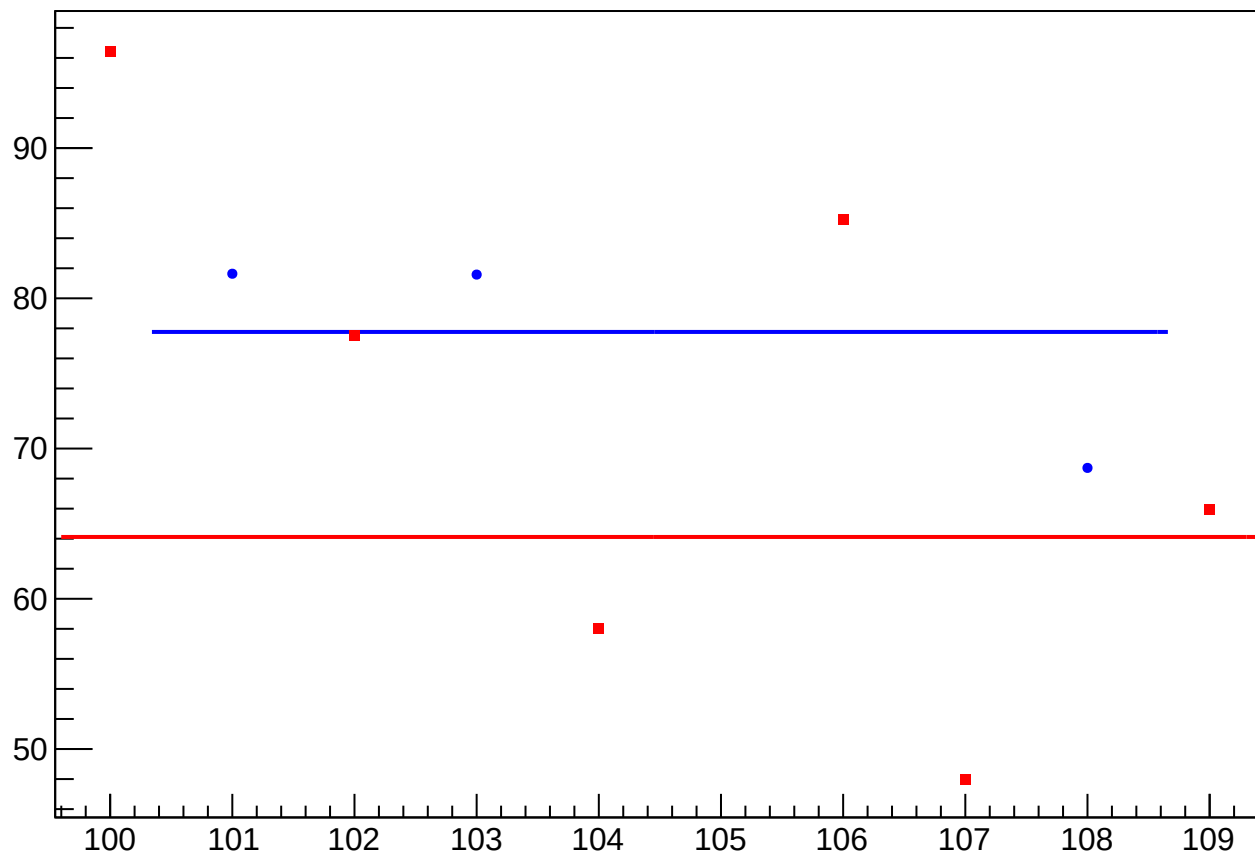
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.036 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 77.762 $\pm$ 0.043 χ^2 /NDF: 18607.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.115 $\pm$ 0.031 χ^2 /NDF: 147433.2/5

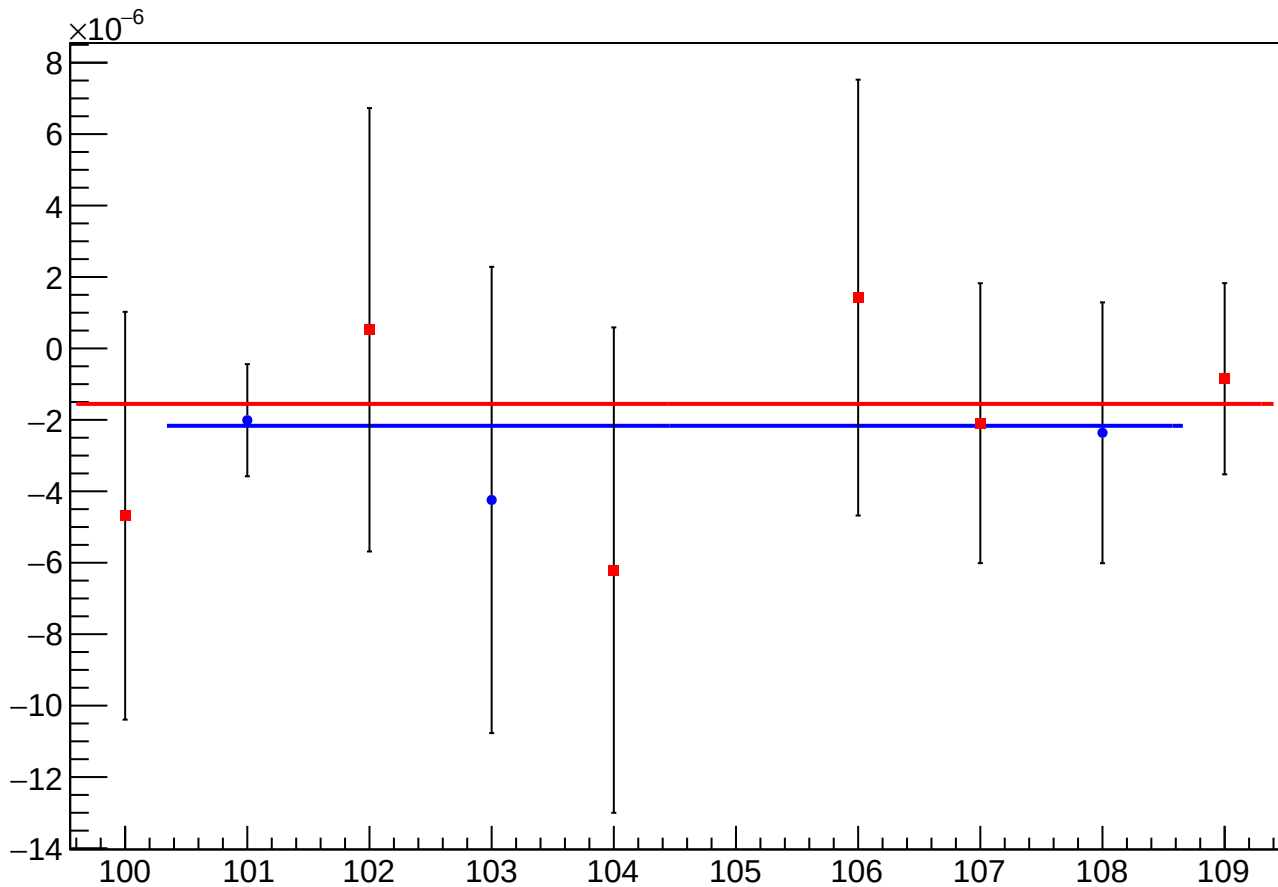
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.796 $\pm$ 0.025 χ^2 /NDF: 231439.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 0.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 1.2/5

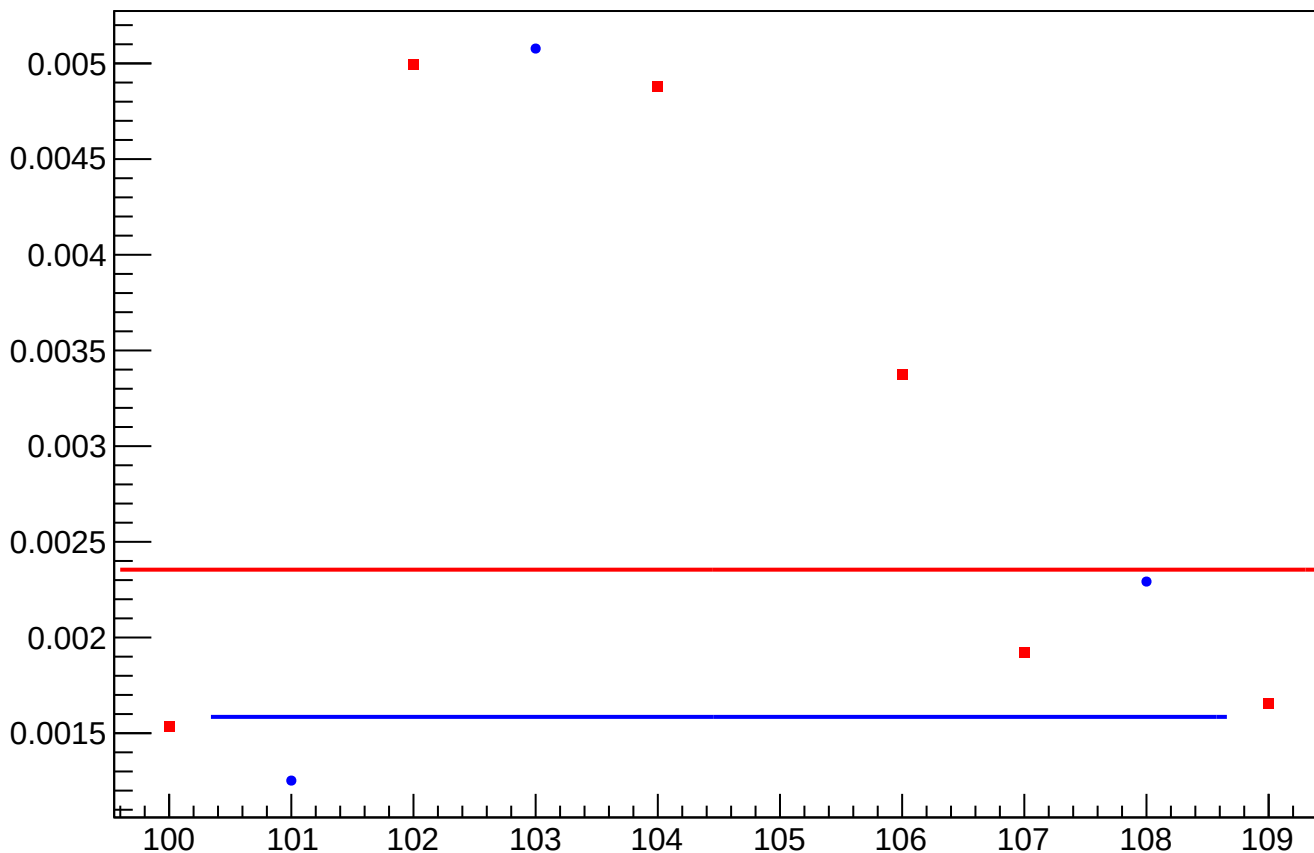
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 1.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 737501.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 895965.6/5

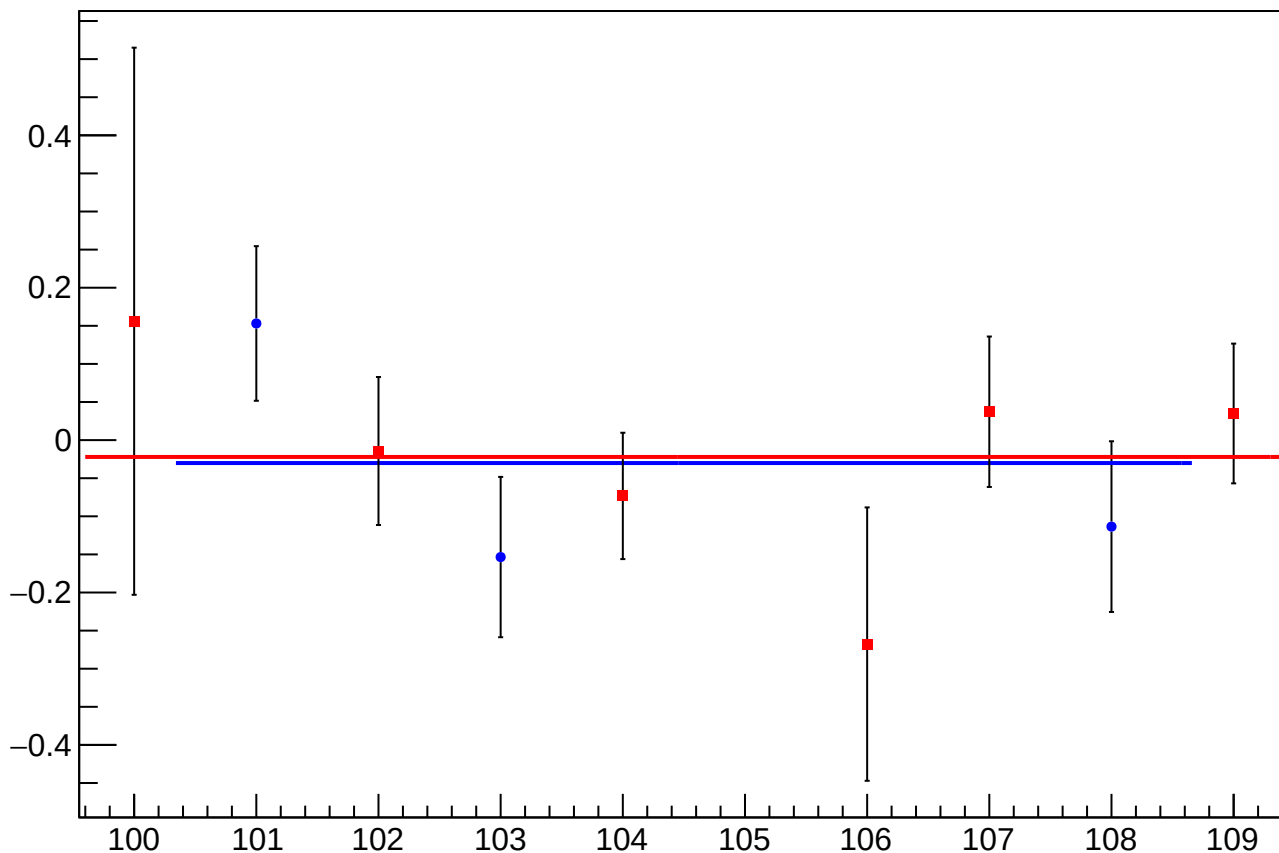
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1860559.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.030 $\pm$ 0.061 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.022 $\pm$ 0.044 χ^2 /NDF: 3.3/5

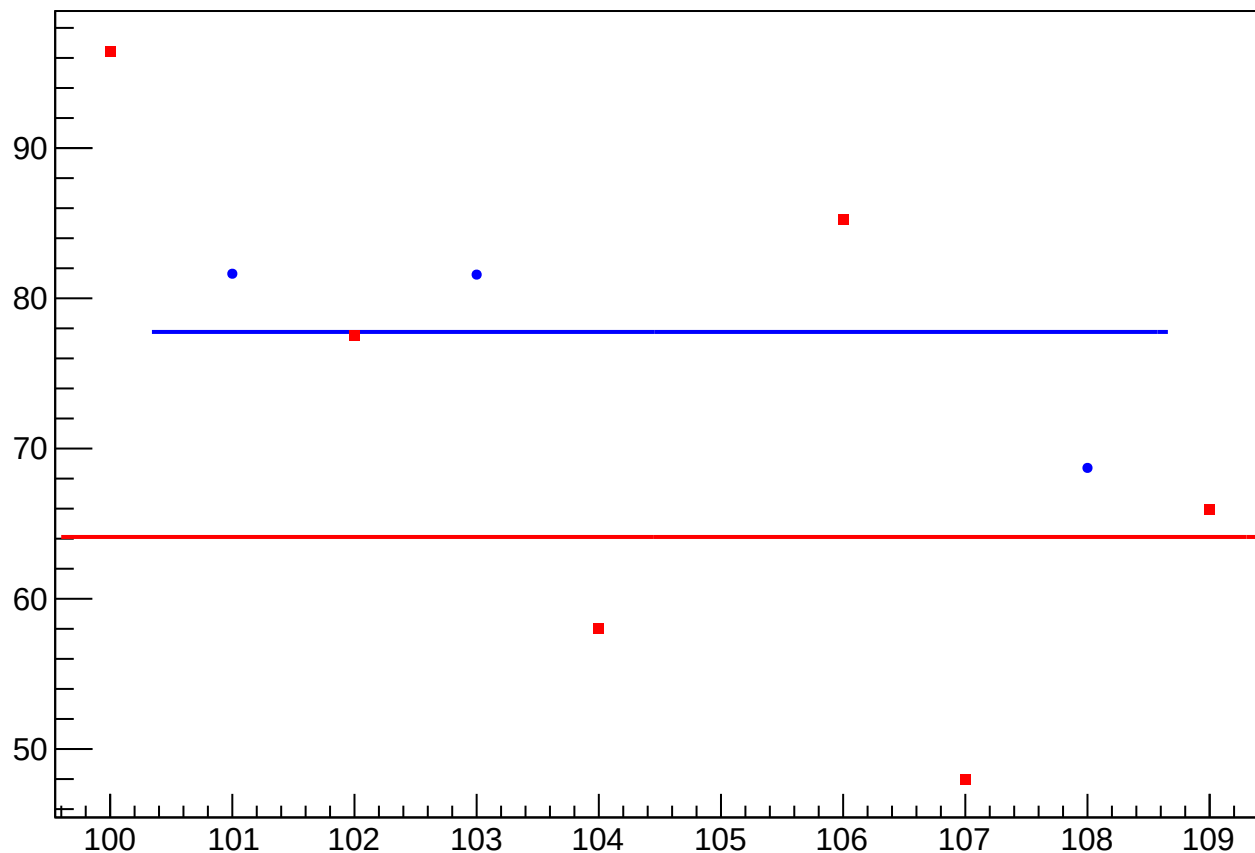
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.036 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 77.762 $\pm$ 0.043 χ^2 /NDF: 18605.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.115 $\pm$ 0.031 χ^2 /NDF: 147428.5/5

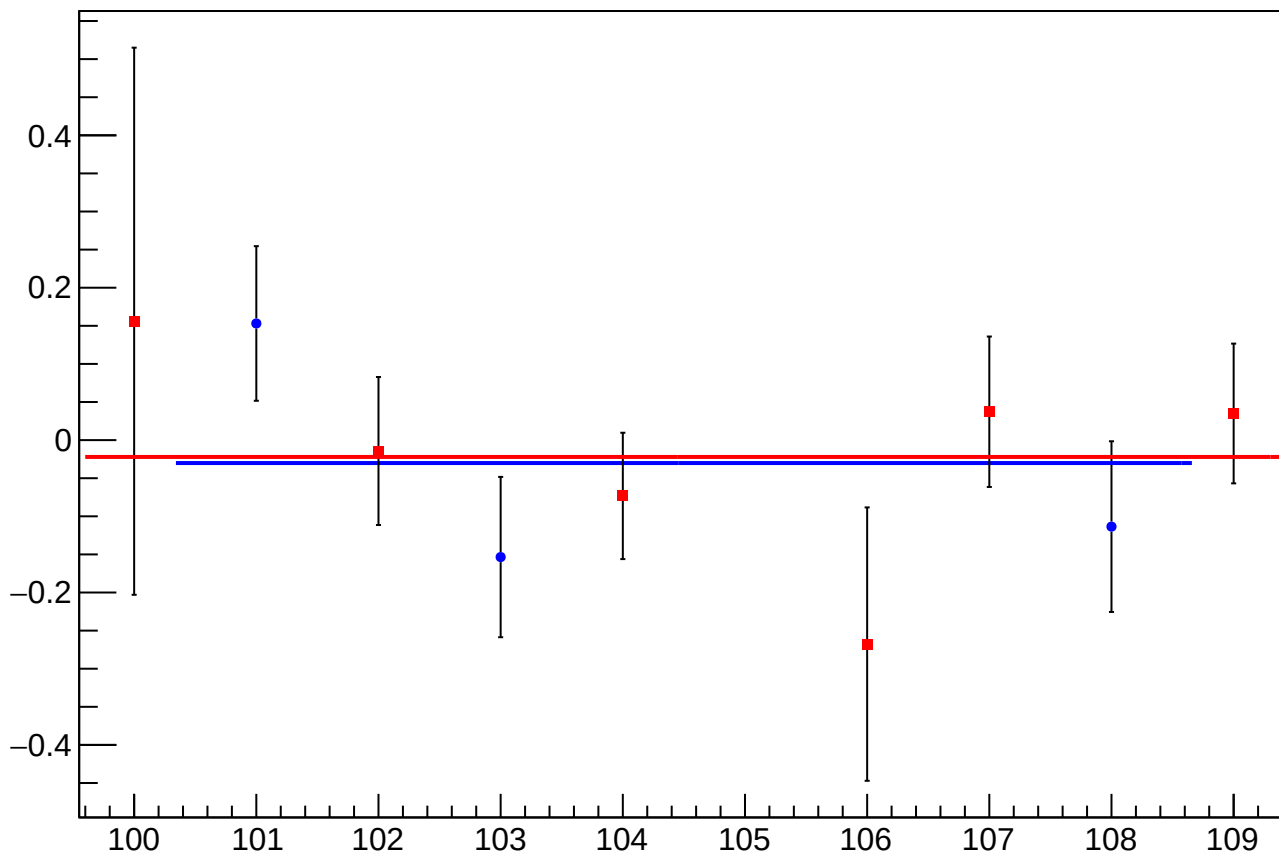
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.796 $\pm$ 0.025 χ^2 /NDF: 231435.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.030 $\pm$ 0.061 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.022 $\pm$ 0.044 χ^2 /NDF: 3.3/5

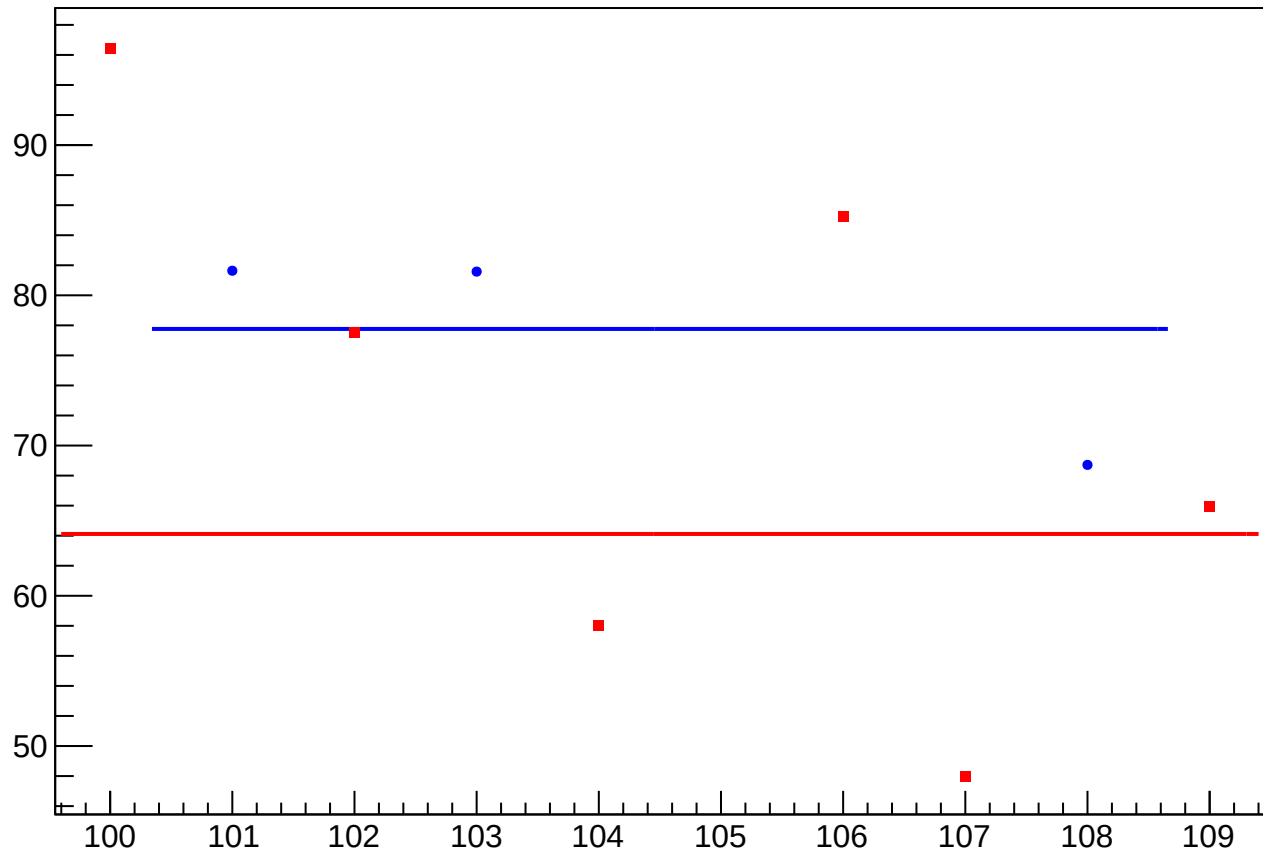
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.025 $\pm$ 0.036 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 77.762 $\pm$ 0.043 χ^2 /NDF: 18605.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.115 $\pm$ 0.031 χ^2 /NDF: 147428.5/5

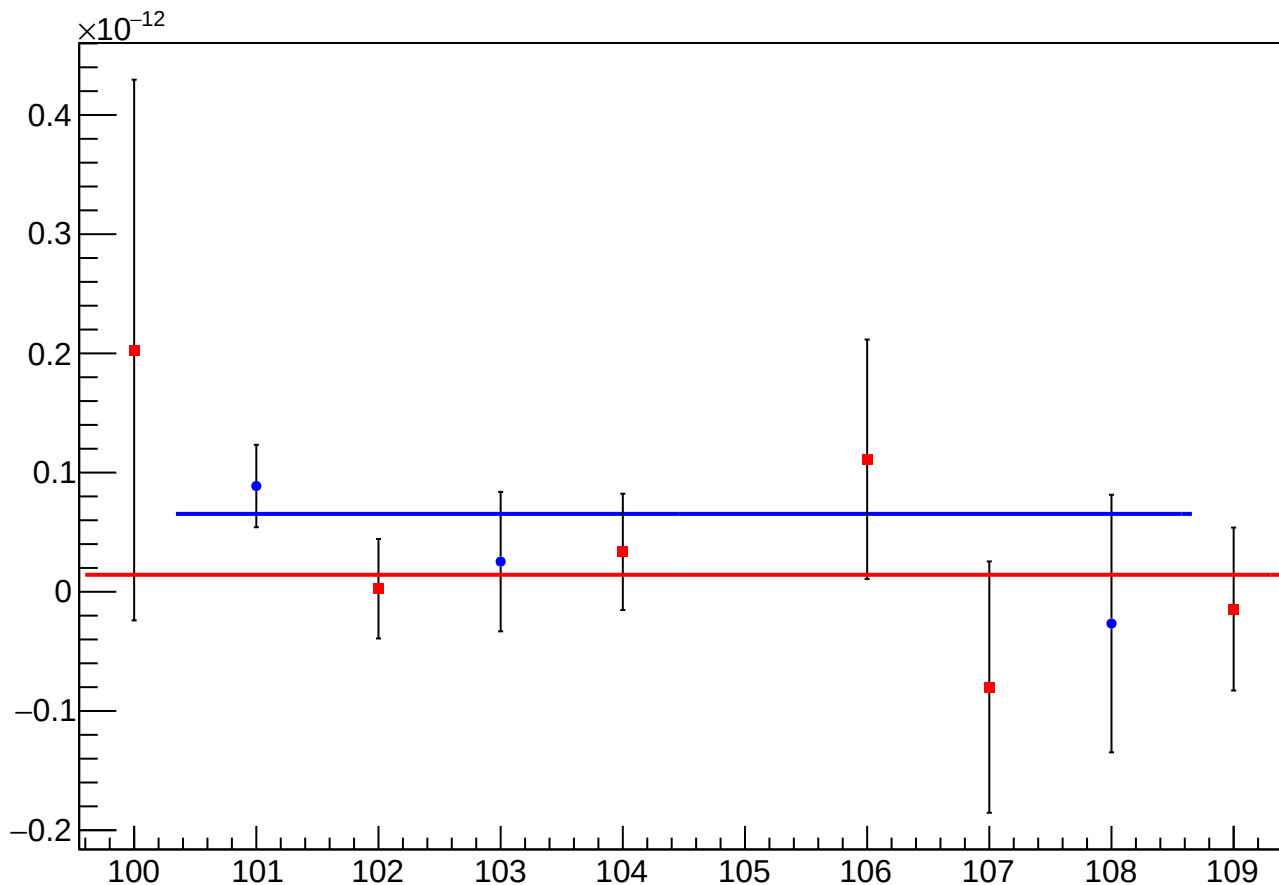
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.796 $\pm$ 0.025 χ^2 /NDF: 231435.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.8/5

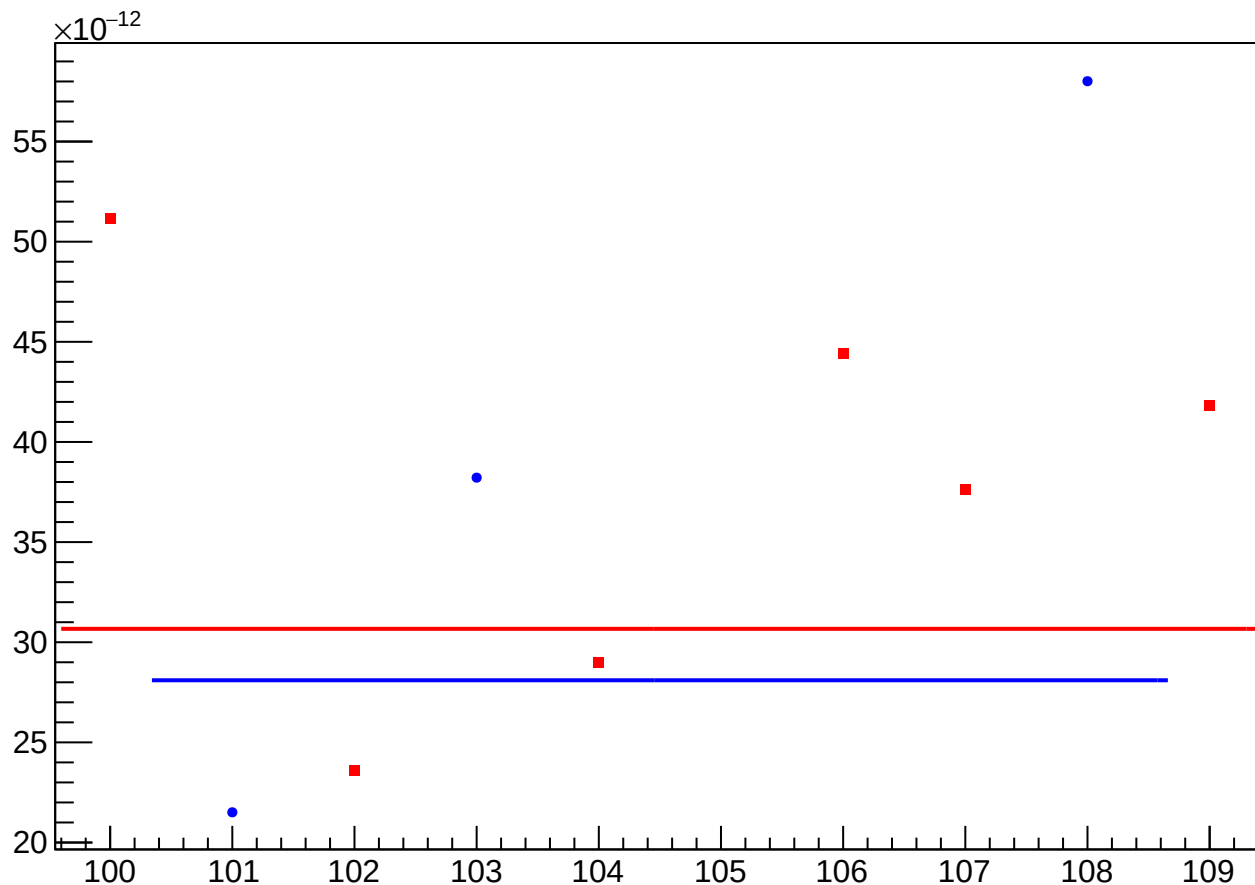
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 285909.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 175670.1/5

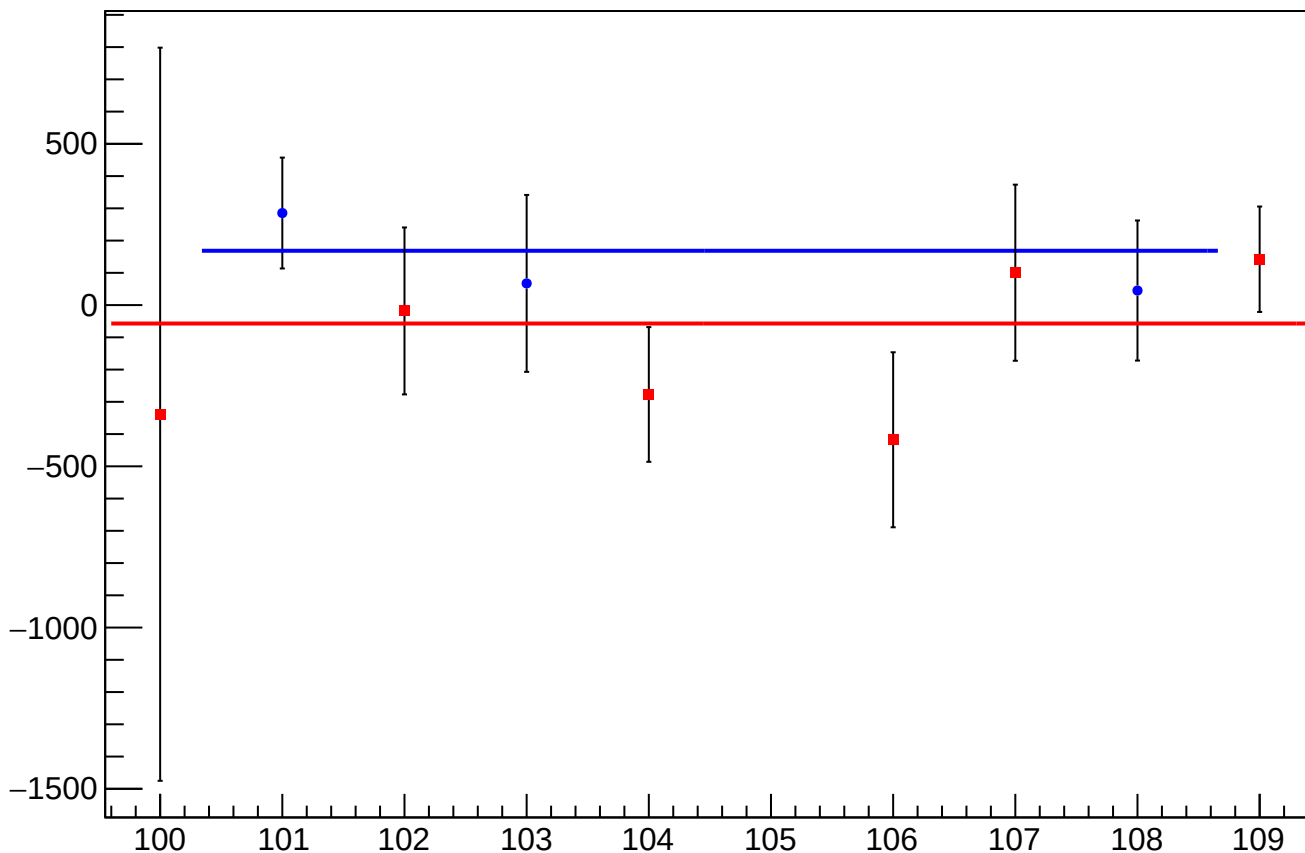
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 470211.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 168.452 $\pm$ 120.988 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.129 $\pm$ 98.505 χ^2 /NDF: 4.8/5

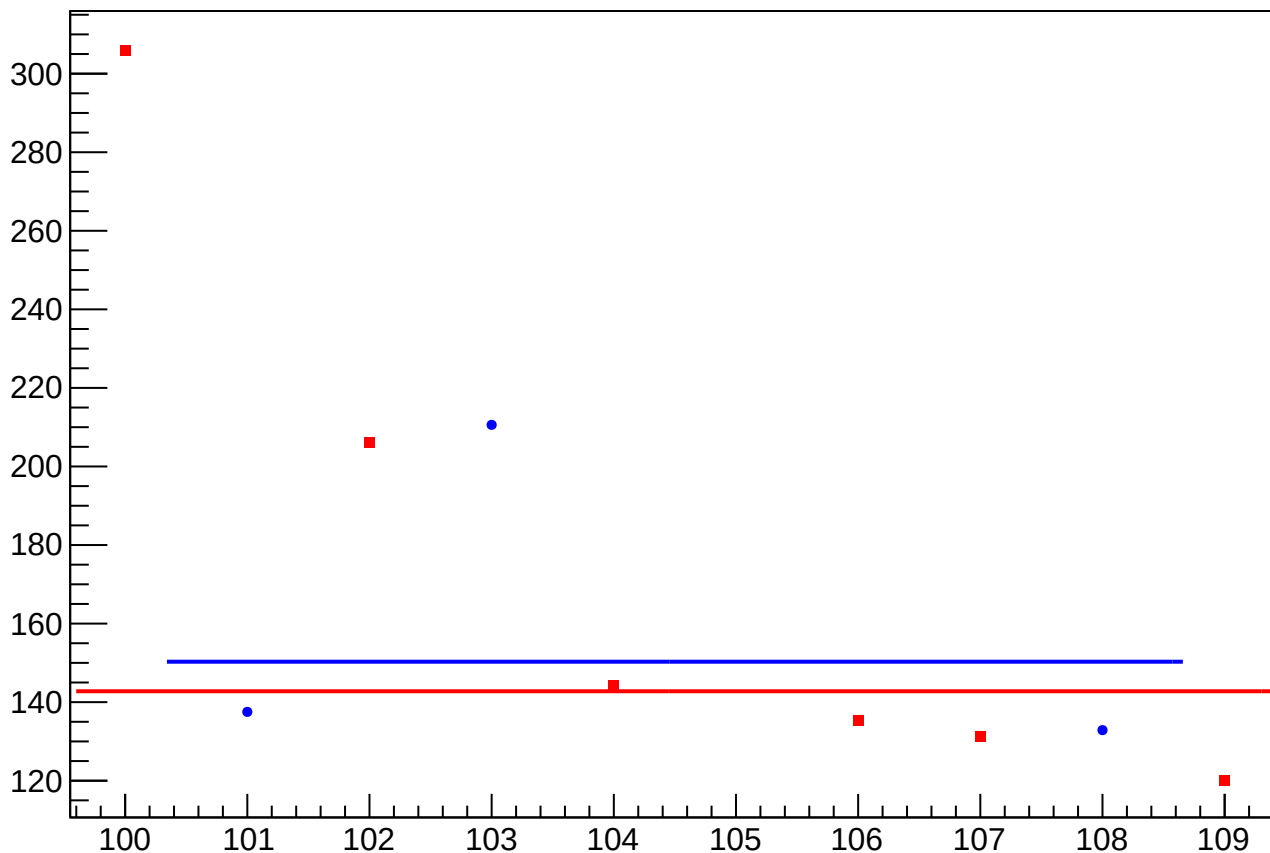
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.795 $\pm$ 76.389 χ^2 /NDF: 7.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



Right In: 150.295 $\pm$ 0.086 χ^2 /NDF: 120534.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.775 $\pm$ 0.070 χ^2 /NDF: 204945.0/5

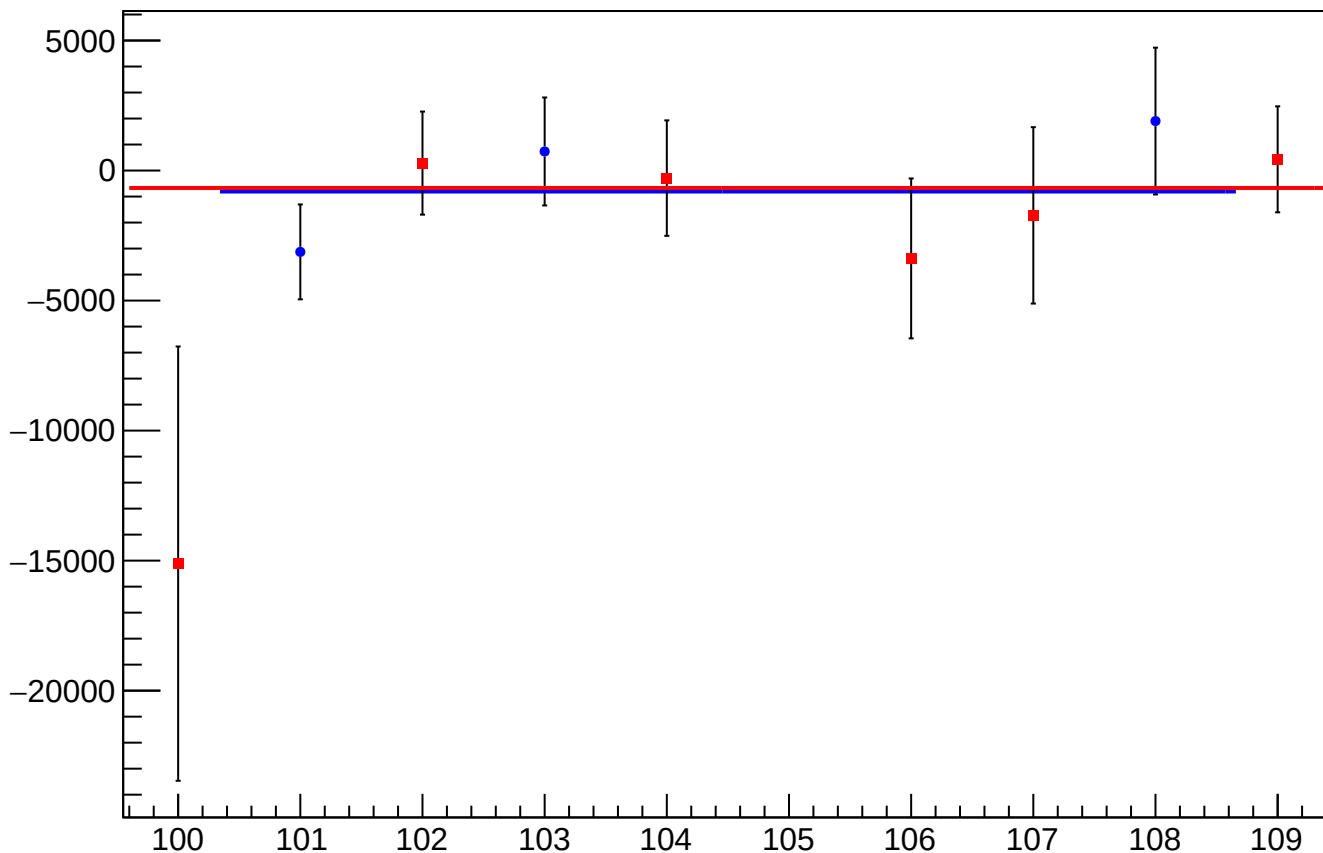
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.773 $\pm$ 0.054 χ^2 /NDF: 330126.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



Right In: -805.803 $\pm$ 1232.828 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -669.741 $\pm$ 1050.943 χ^2 /NDF: 4.4/5

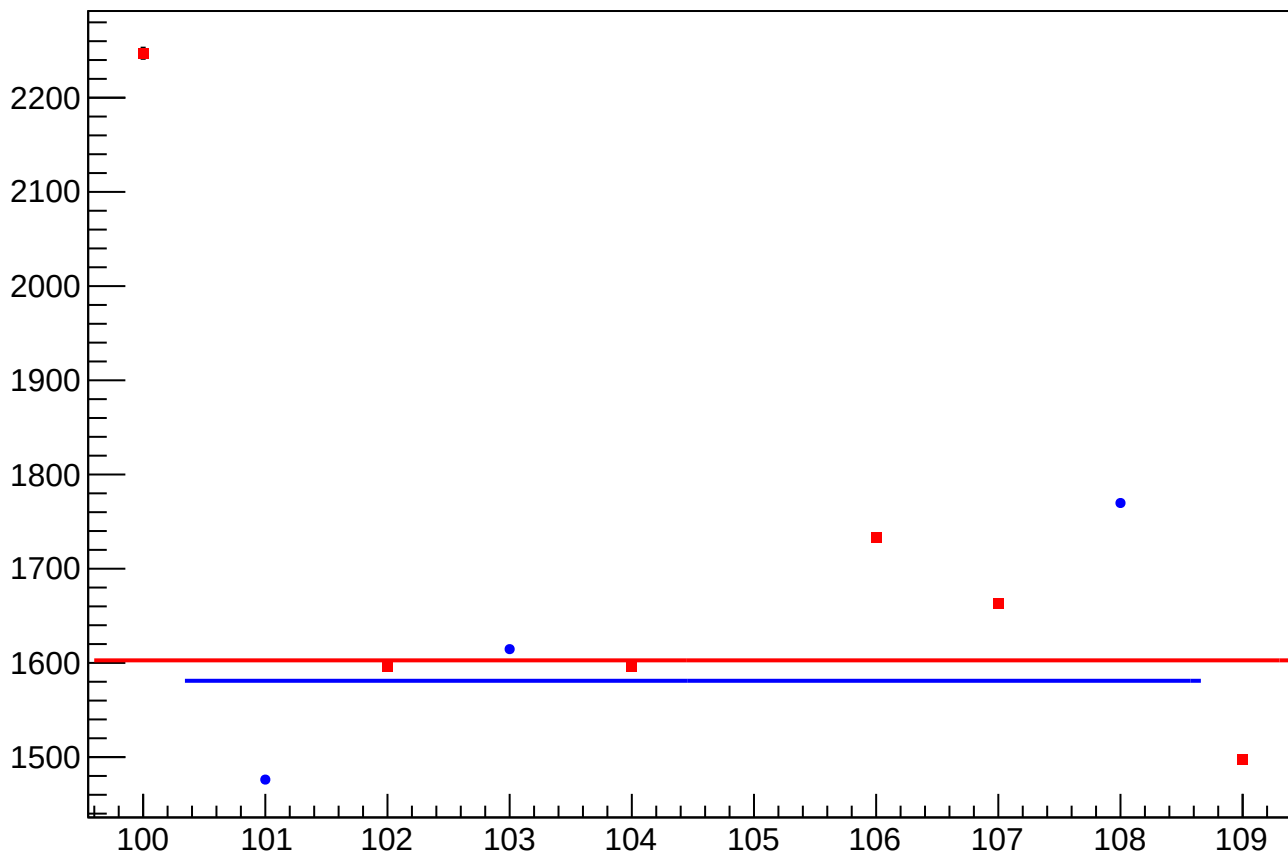
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -727.004 $\pm$ 799.781 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1581.021+/-0.872 χ^2/NDF : 16076.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.711+/-0.743 χ^2/NDF : 21490.6/5

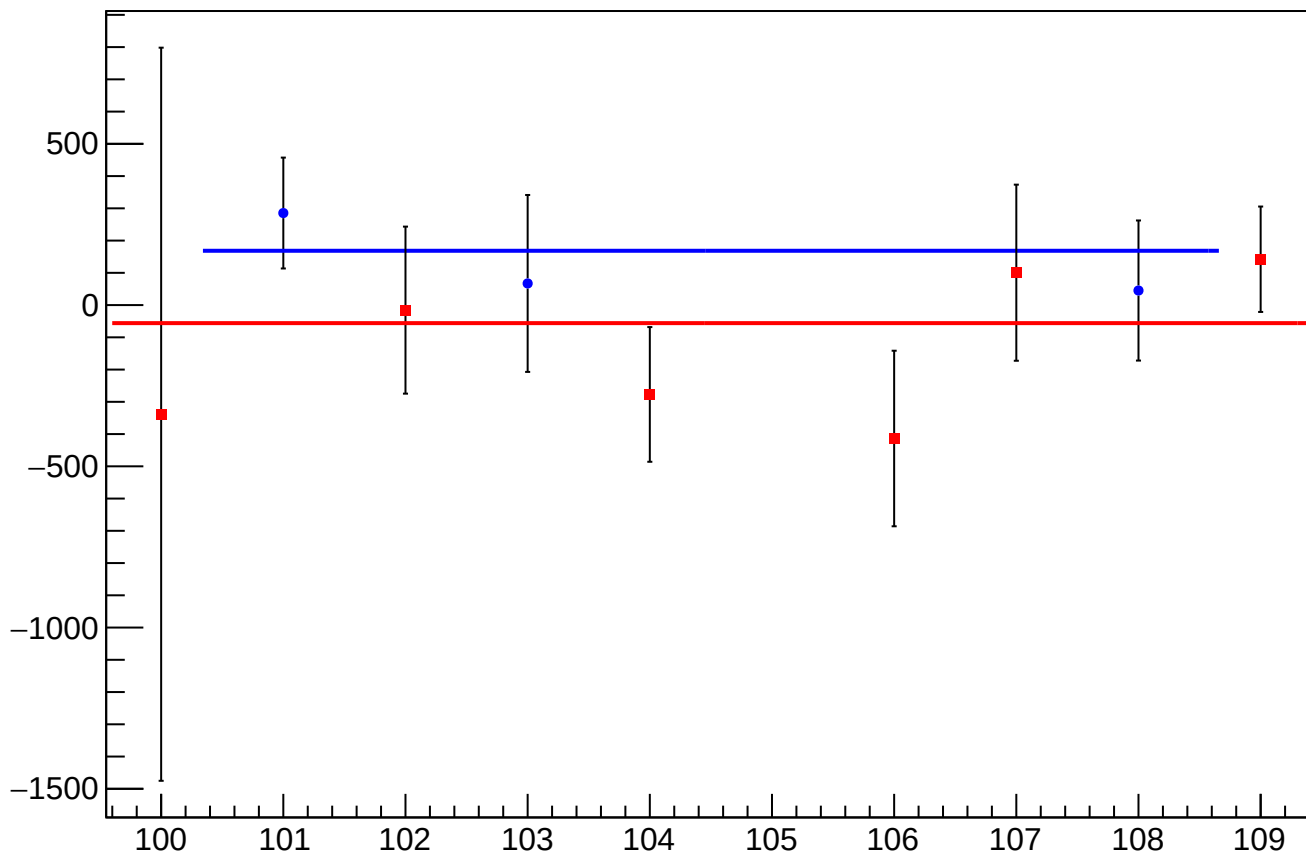
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1593.583+/-0.566 χ^2/NDF : 37925.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_mean vs Slug



Right In: 168.411 $\pm$ 120.988 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -55.952 $\pm$ 98.554 χ^2 /NDF: 4.7/5

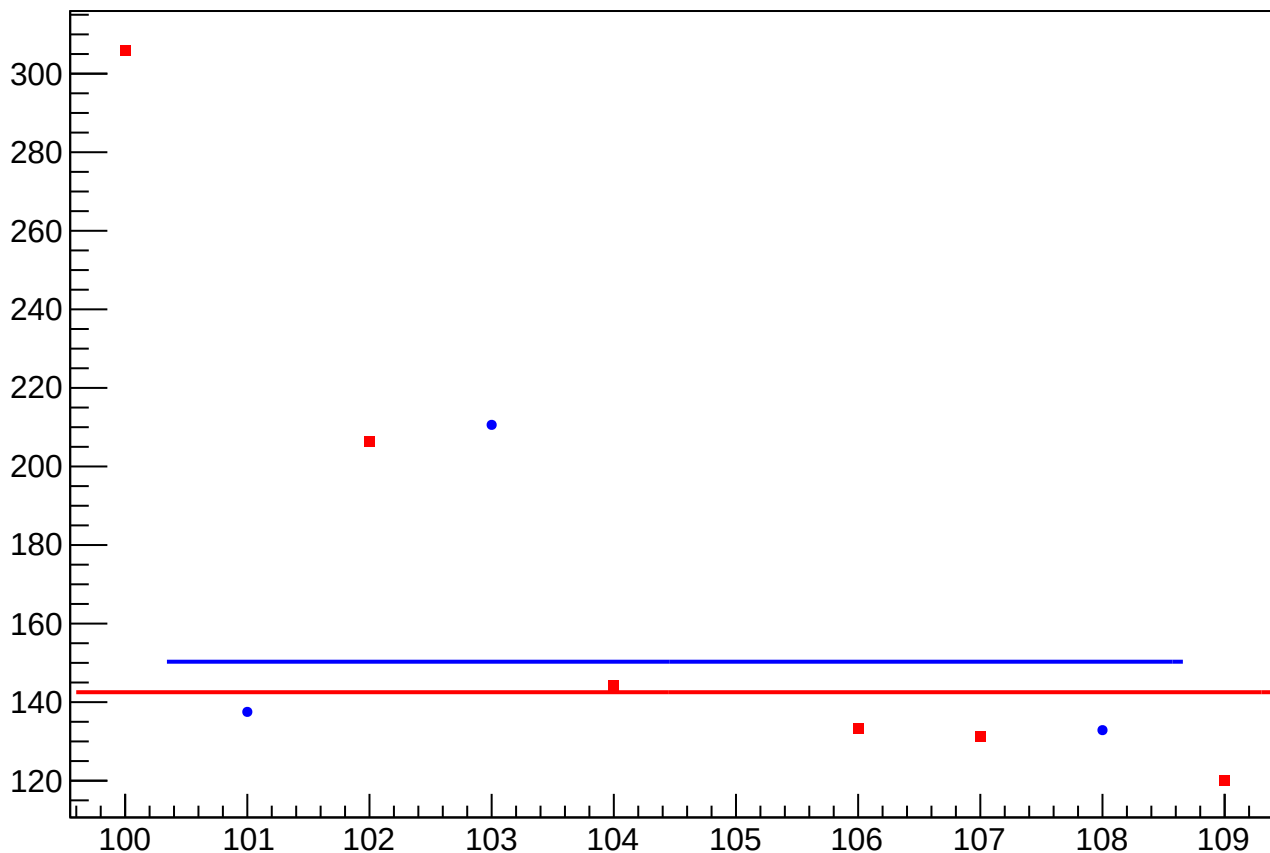
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.540 $\pm$ 76.411 χ^2 /NDF: 7.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 150.295 $\pm$ 0.086 χ^2 /NDF: 120536.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 142.530 $\pm$ 0.070 χ^2 /NDF: 206106.7/5

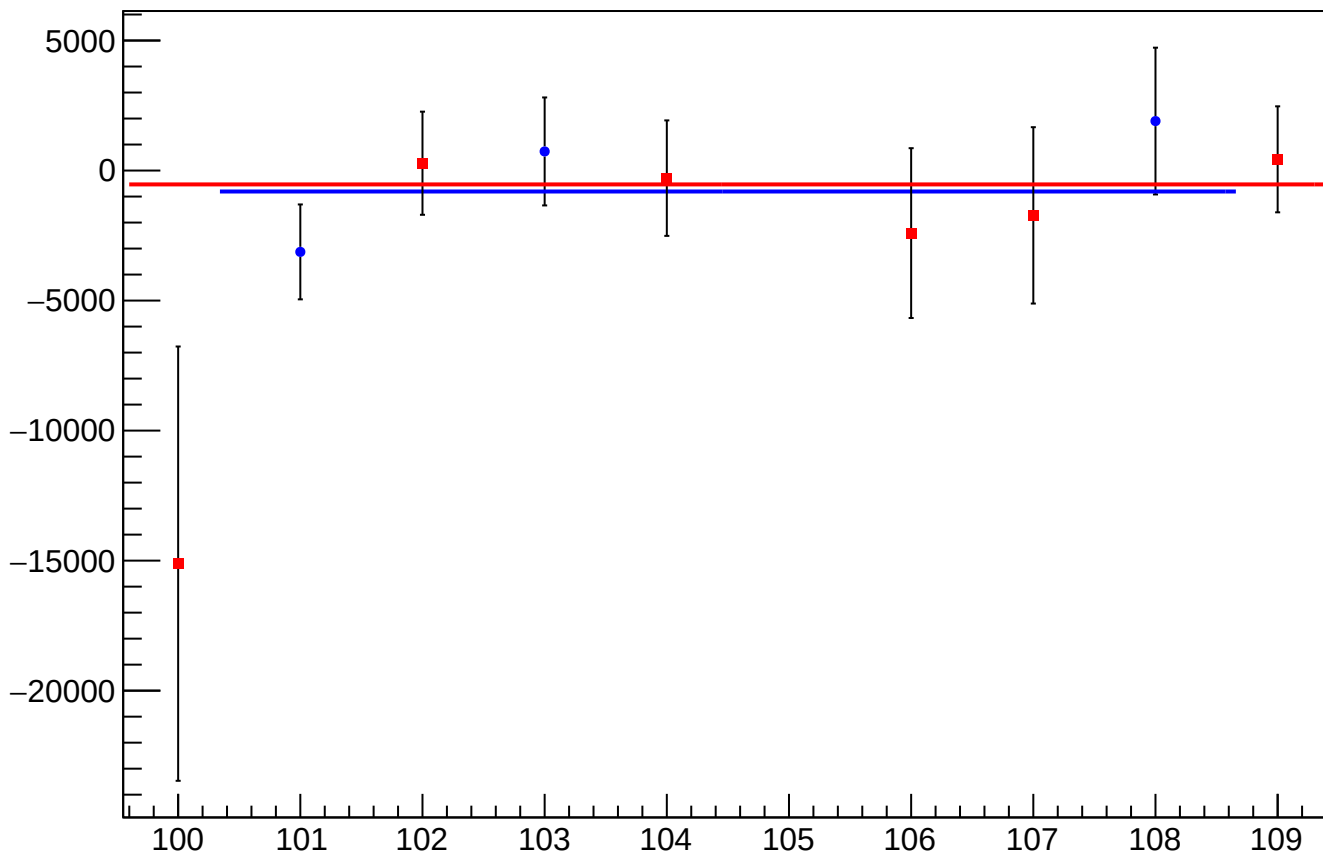
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.627 $\pm$ 0.054 χ^2 /NDF: 331596.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_cor_correction_mean vs Slug



Right In: -805.546 $\pm$ 1232.859 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -533.029 $\pm$ 1058.226 χ^2 /NDF: 3.9/5

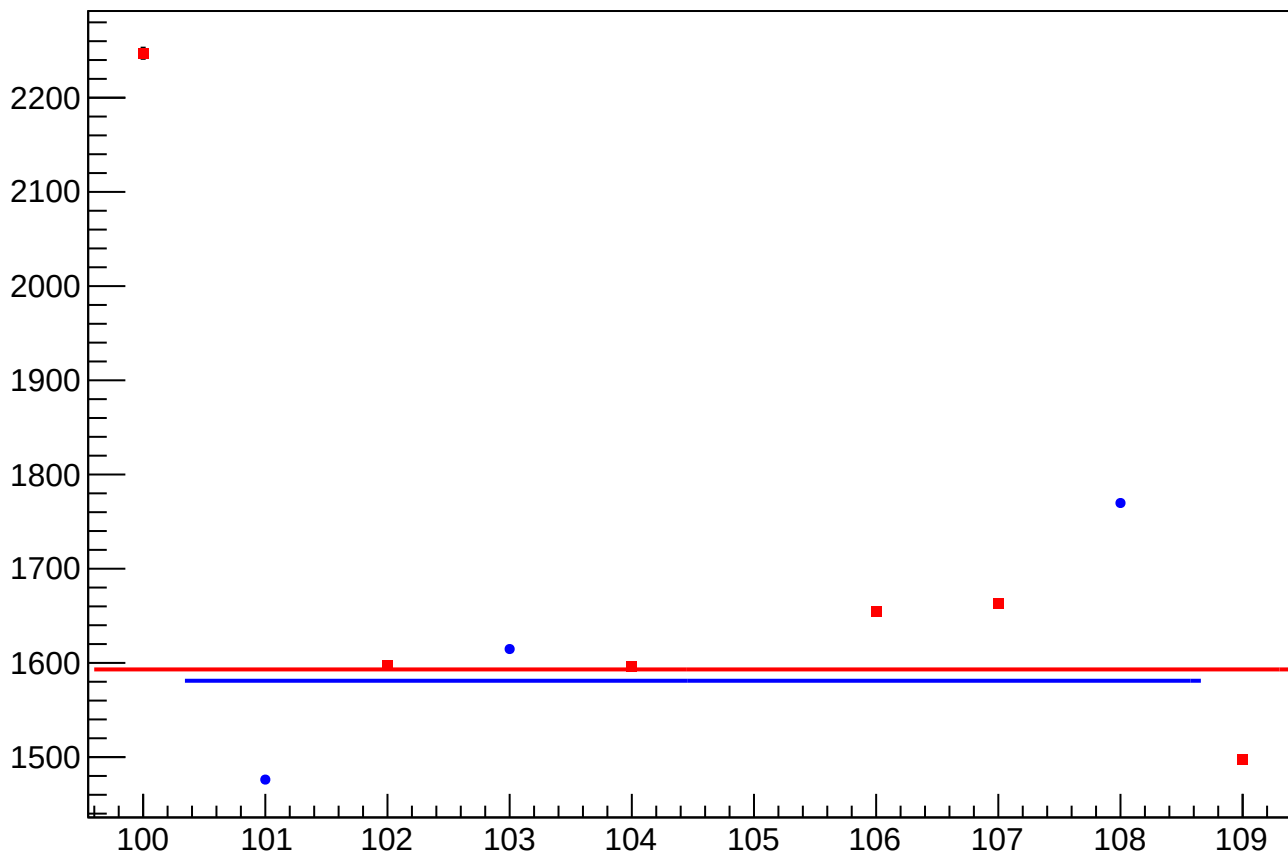
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -648.636 $\pm$ 802.986 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1581.059+/-0.872 χ^2/NDF : 16079.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.084+/-0.748 χ^2/NDF : 18227.4/5

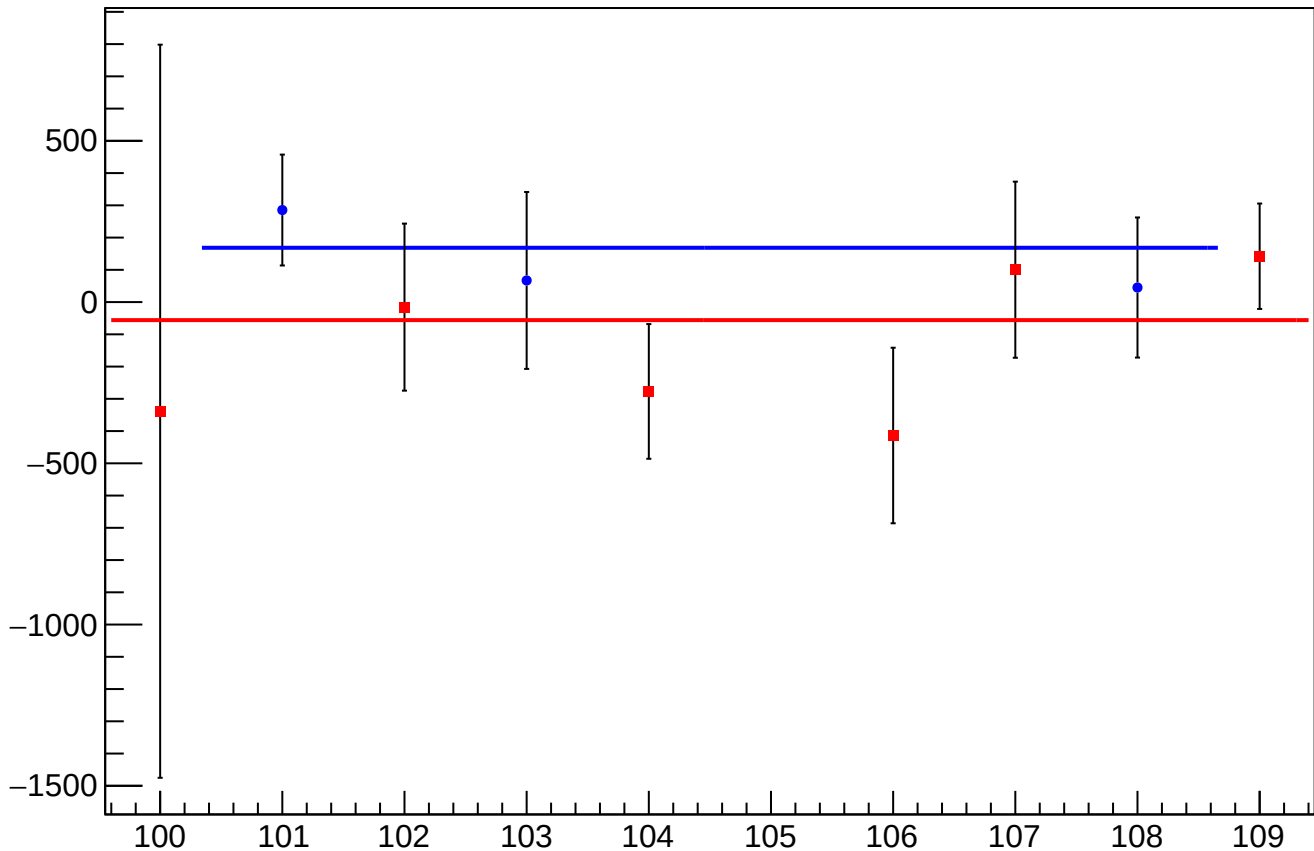
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.982+/-0.568 χ^2/NDF : 34416.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 168.411 $\pm$ 120.988 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -55.952 $\pm$ 98.554 χ^2 /NDF: 4.7/5

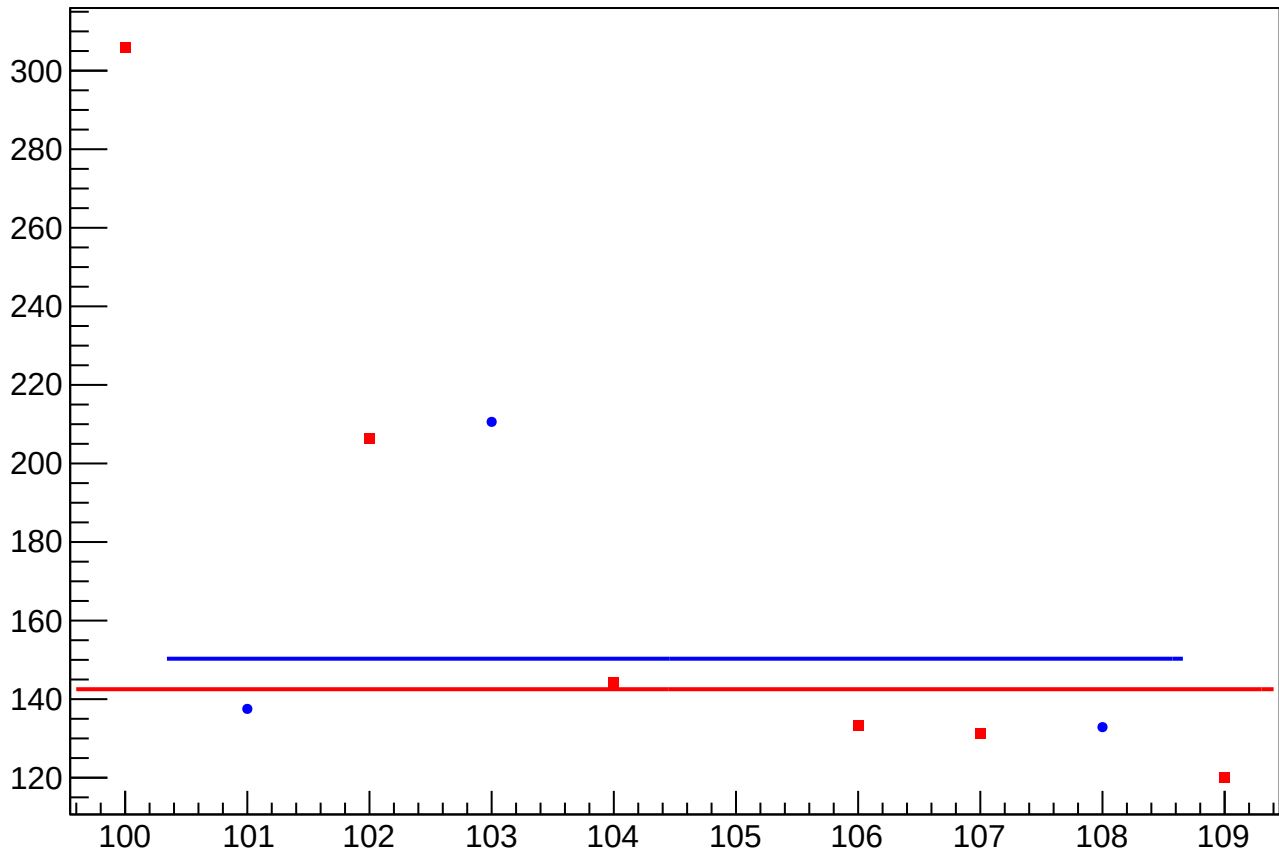
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.540 $\pm$ 76.411 χ^2 /NDF: 7.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 150.295+/-0.086 χ^2/NDF : 120536.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.530+/-0.070 χ^2/NDF : 206106.7/5

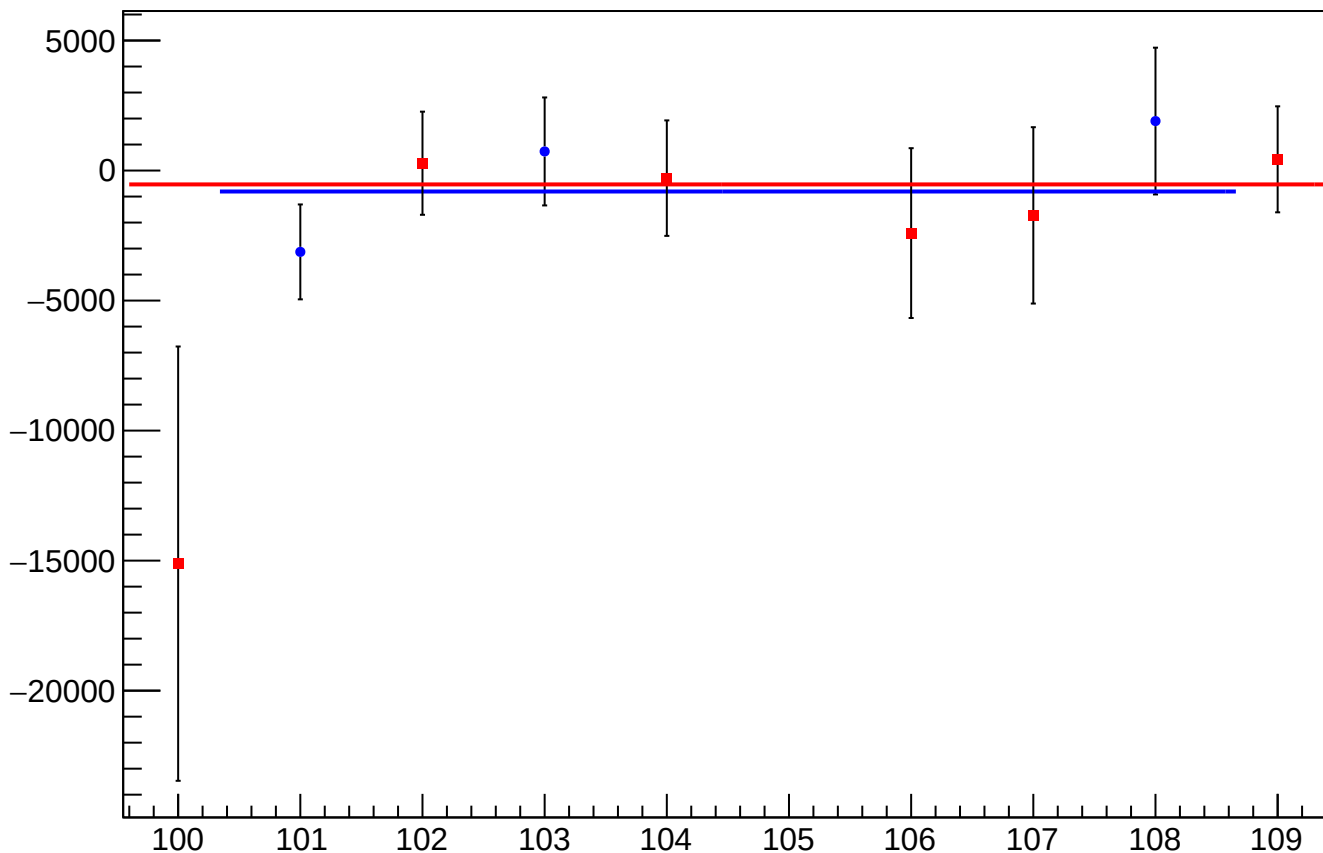
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.627+/-0.054 χ^2/NDF : 331596.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug



Right In: -805.546 $\pm$ 1232.859 χ^2 /NDF: 3.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -533.029 $\pm$ 1058.226 χ^2 /NDF: 3.9/5

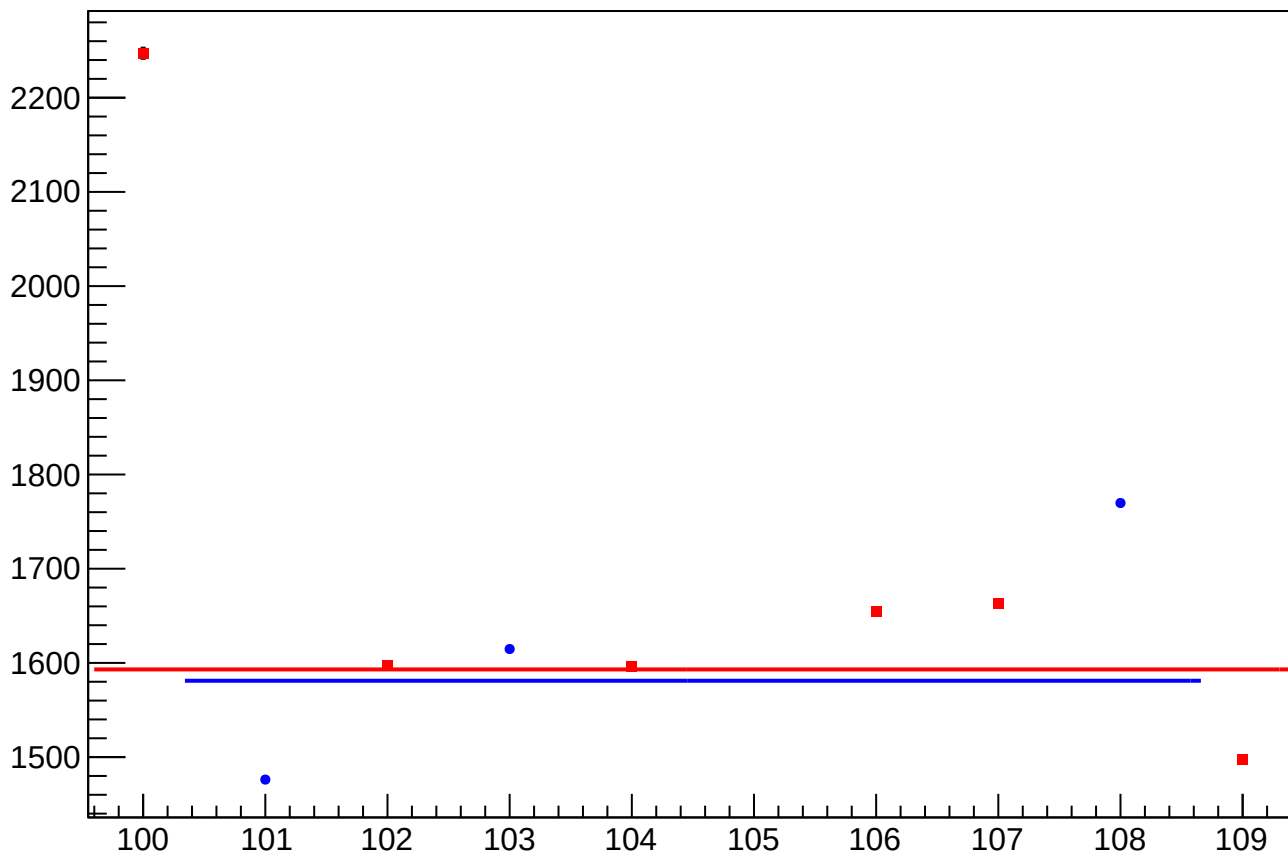
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -648.636 $\pm$ 802.986 χ^2 /NDF: 7.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug



Right In: 1581.059+/-0.872 χ^2/NDF : 16079.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1593.084+/-0.748 χ^2/NDF : 18227.4/5

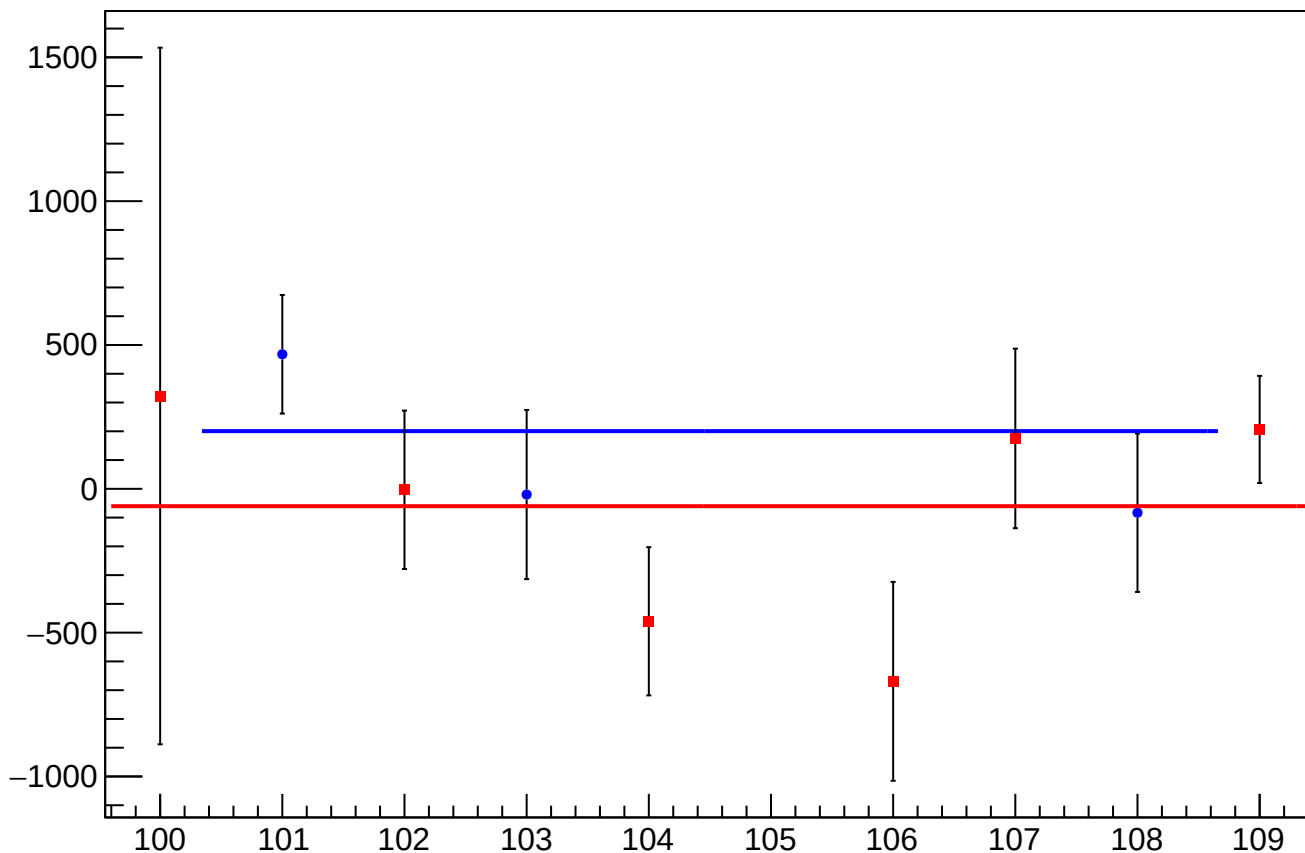
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.982+/-0.568 χ^2/NDF : 34416.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 200.539 $\pm$ 143.888 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -60.340 $\pm$ 114.390 χ^2 /NDF: 8.3/5

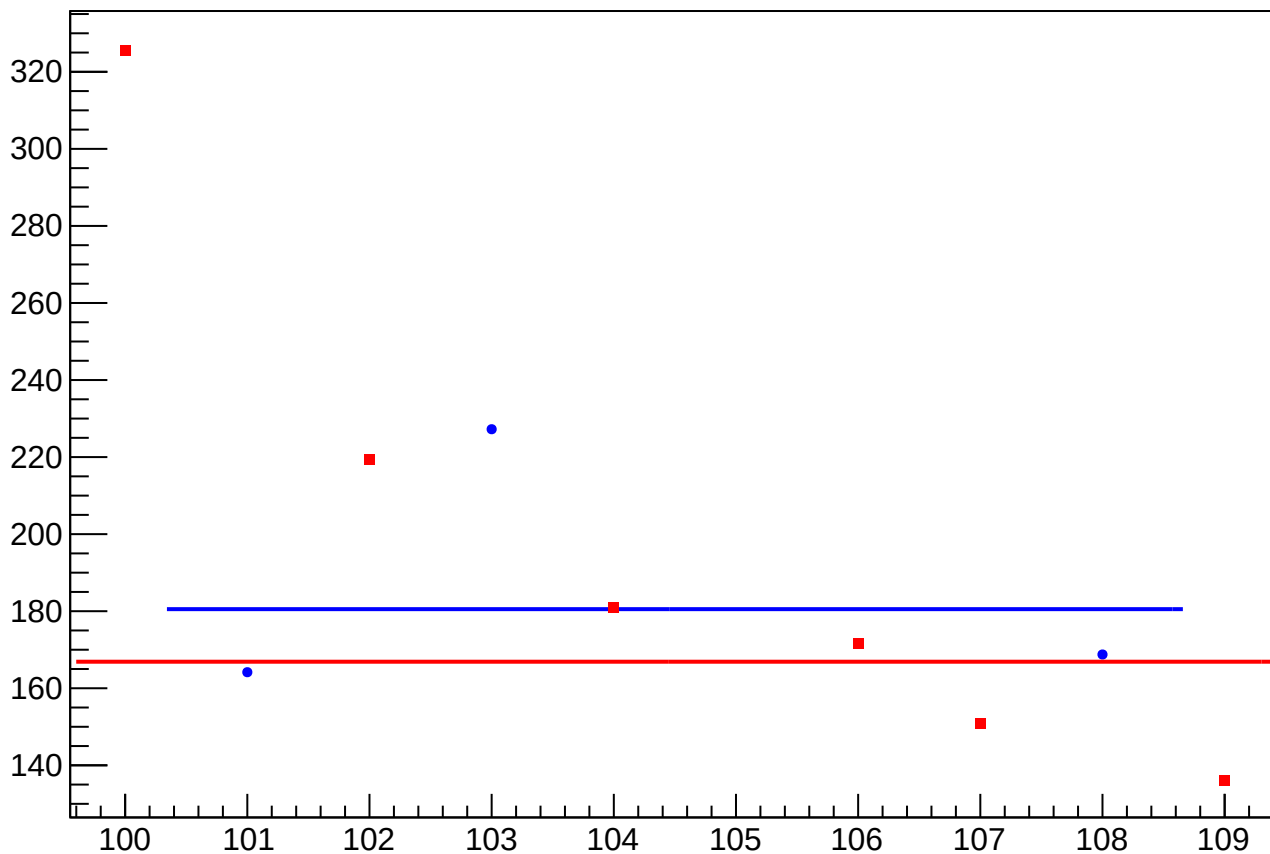
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.688 $\pm$ 89.542 χ^2 /NDF: 13.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 180.532 $\pm$ 0.102 χ^2 /NDF: 66745.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.890 $\pm$ 0.081 χ^2 /NDF: 173459.8/5

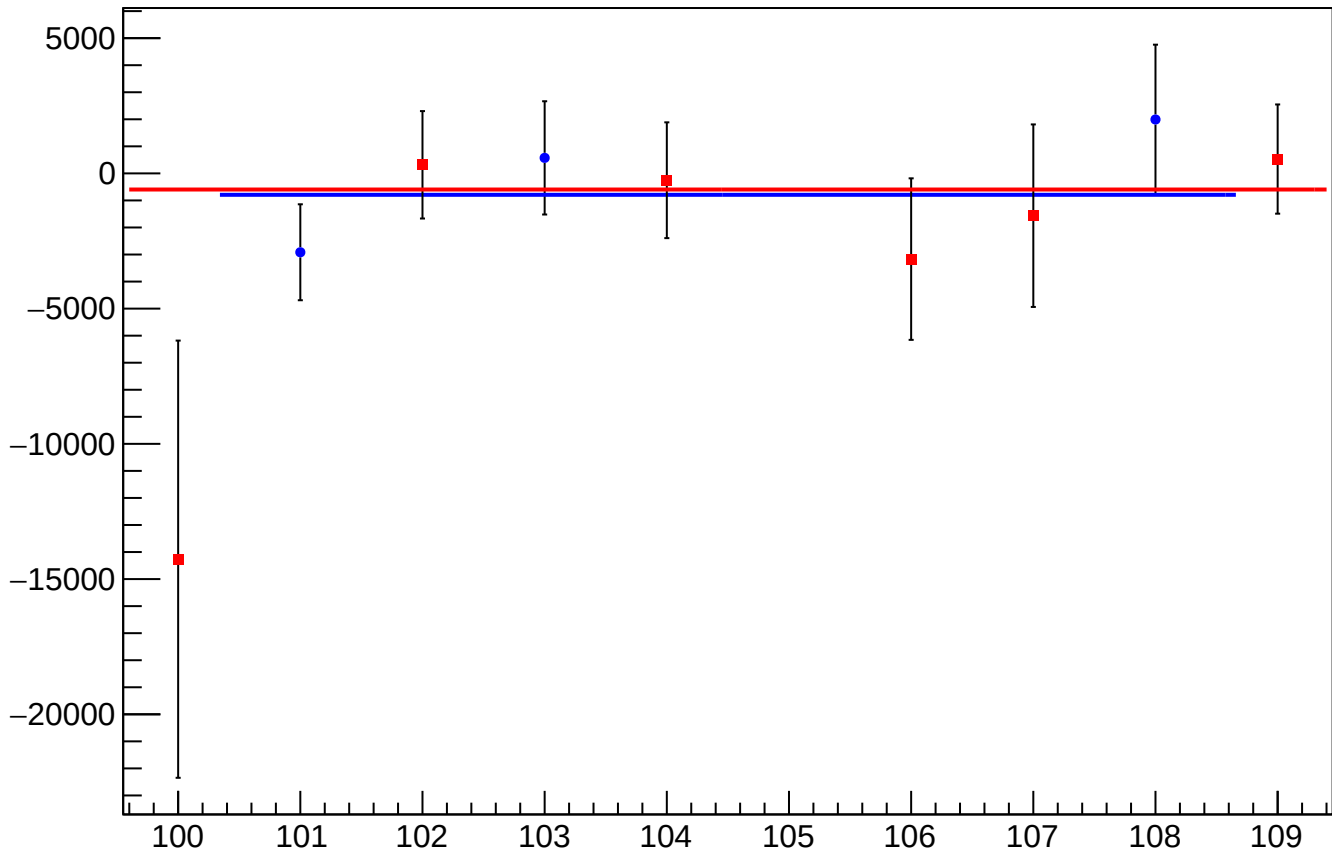
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 172.173 $\pm$ 0.063 χ^2 /NDF: 251221.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



Right In: -791.785 $\pm$ 1215.807 χ^2 /NDF: 2.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -596.303 $\pm$ 1035.588 χ^2 /NDF: 4.2/5

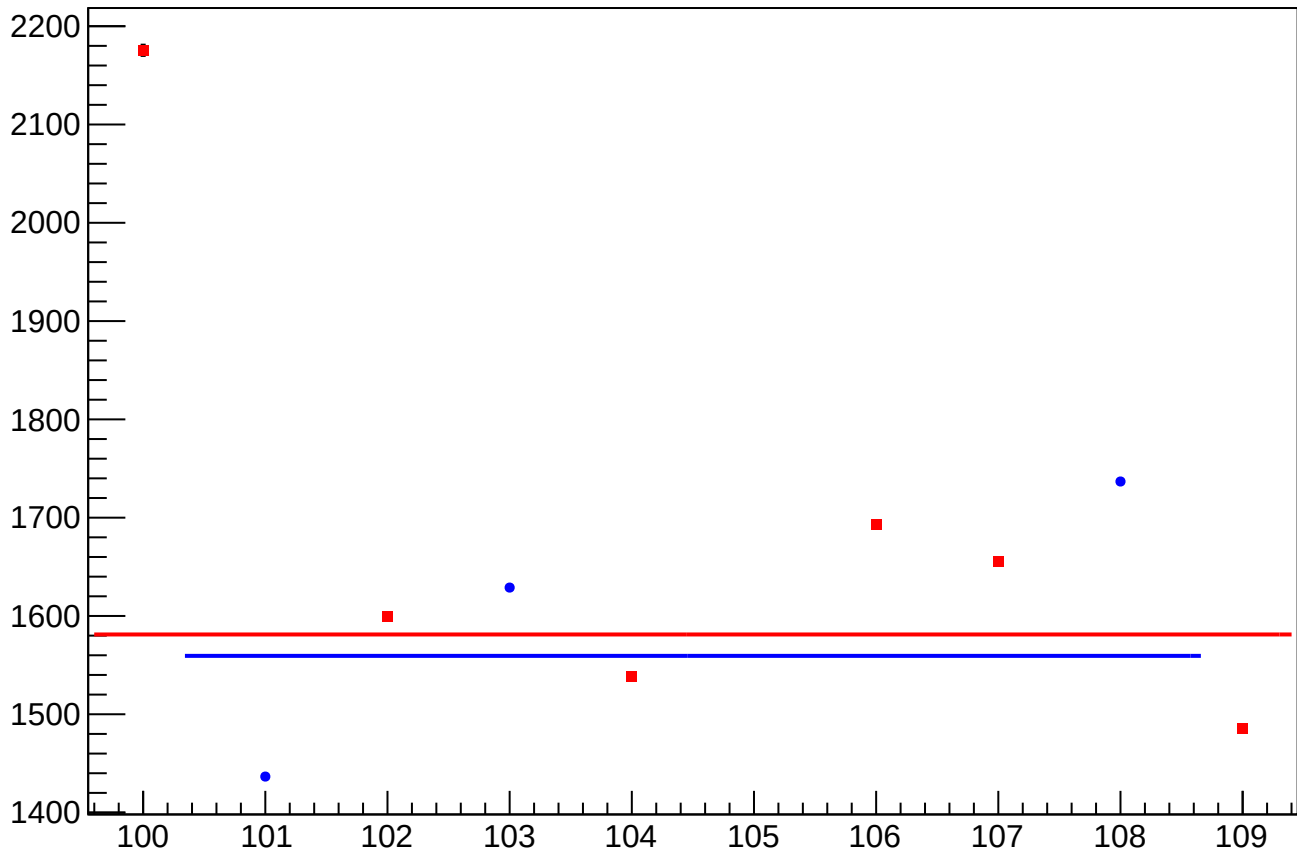
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -678.495 $\pm$ 788.366 χ^2 /NDF: 7.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1559.408 $\pm$ 0.860 χ^2 /NDF: 20007.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1581.173 $\pm$ 0.732 χ^2 /NDF: 20054.1/5

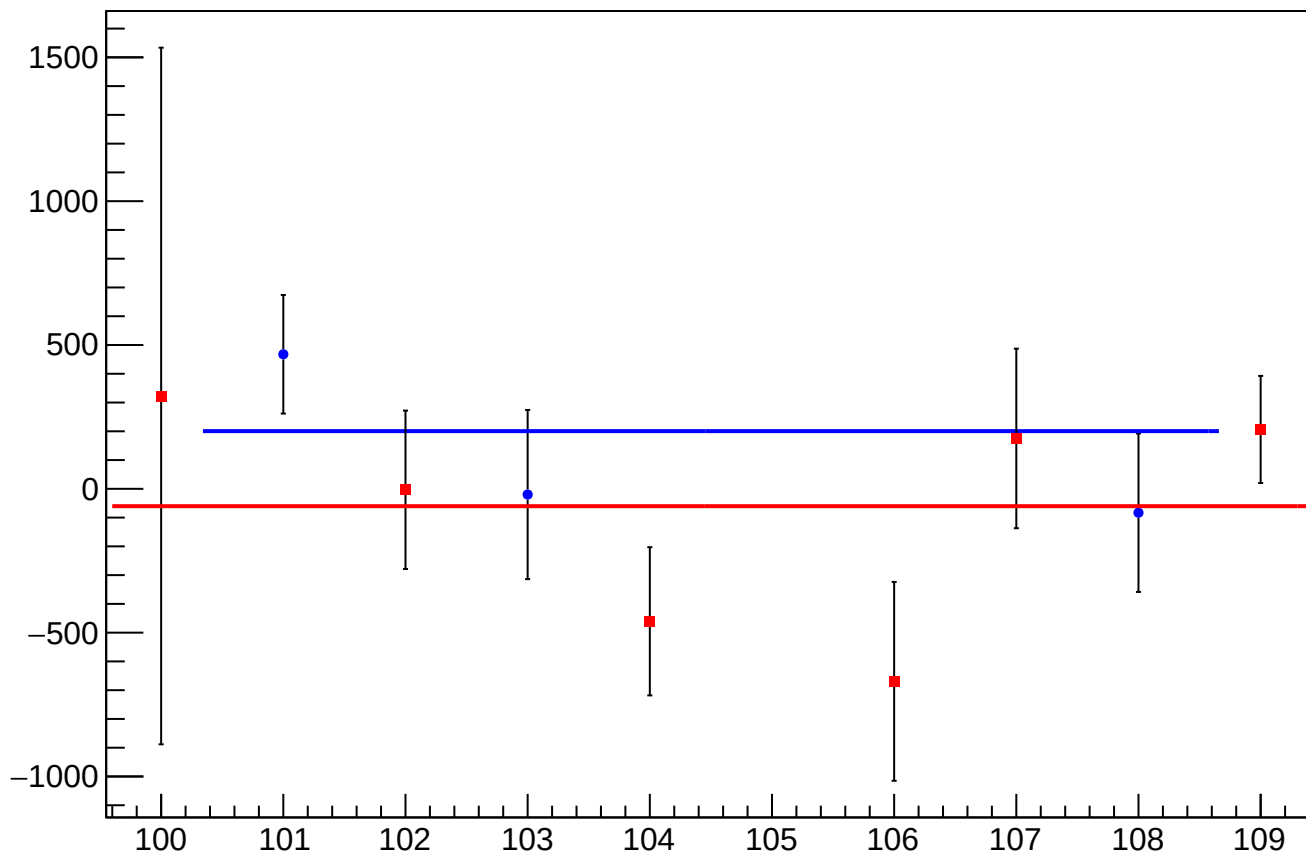
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1572.022 $\pm$ 0.557 χ^2 /NDF: 40433.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3726_avg_mean vs Slug



Right In: 200.539 $\pm$ 143.888 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -60.340 $\pm$ 114.390 χ^2 /NDF: 8.3/5

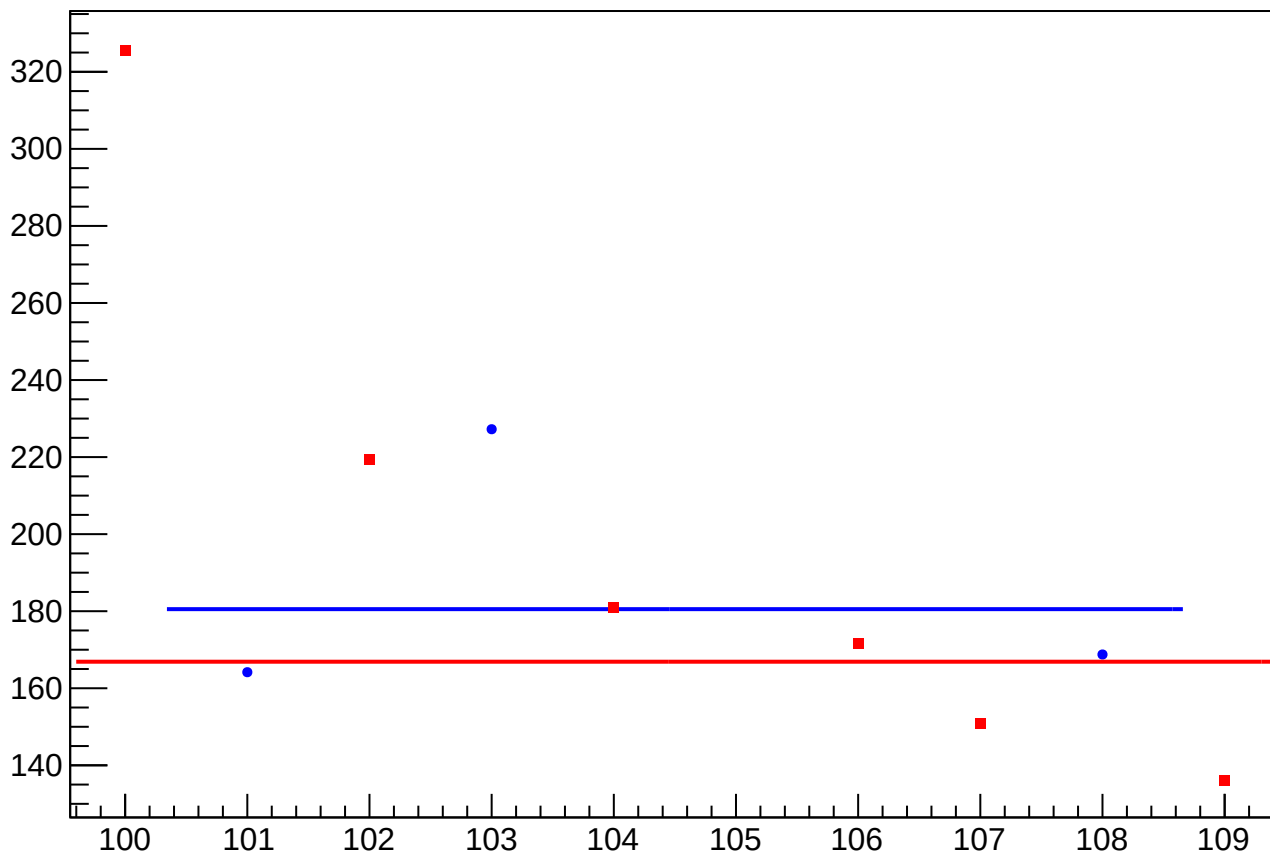
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.688 $\pm$ 89.542 χ^2 /NDF: 13.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 180.533 $\pm$ 0.102 χ^2 /NDF: 66742.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 166.890 $\pm$ 0.081 χ^2 /NDF: 173461.2/5

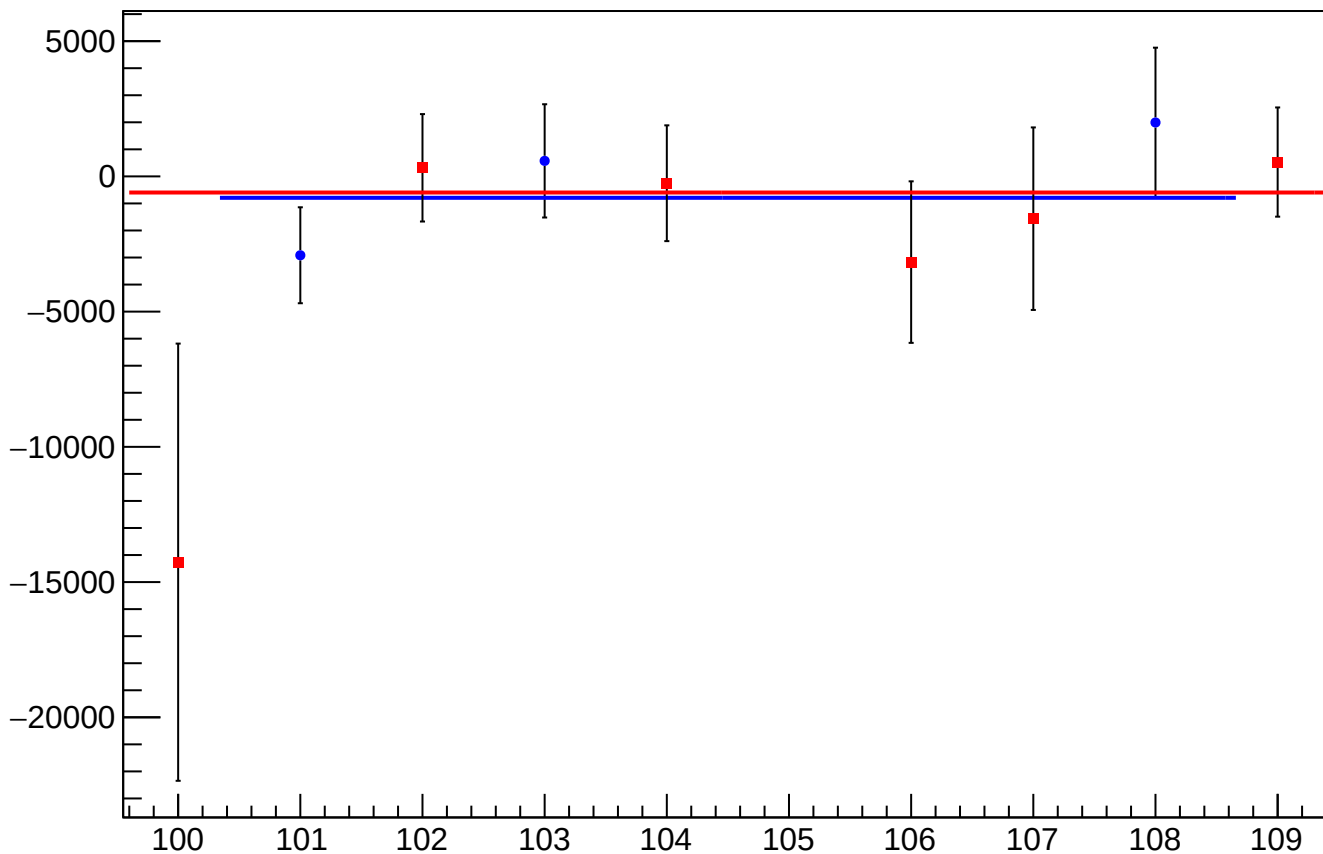
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 172.173 $\pm$ 0.063 χ^2 /NDF: 251220.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug



Right In: -791.783+/-1215.805 χ^2/NDF : 2.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -596.301+/-1035.586 χ^2/NDF : 4.2/5

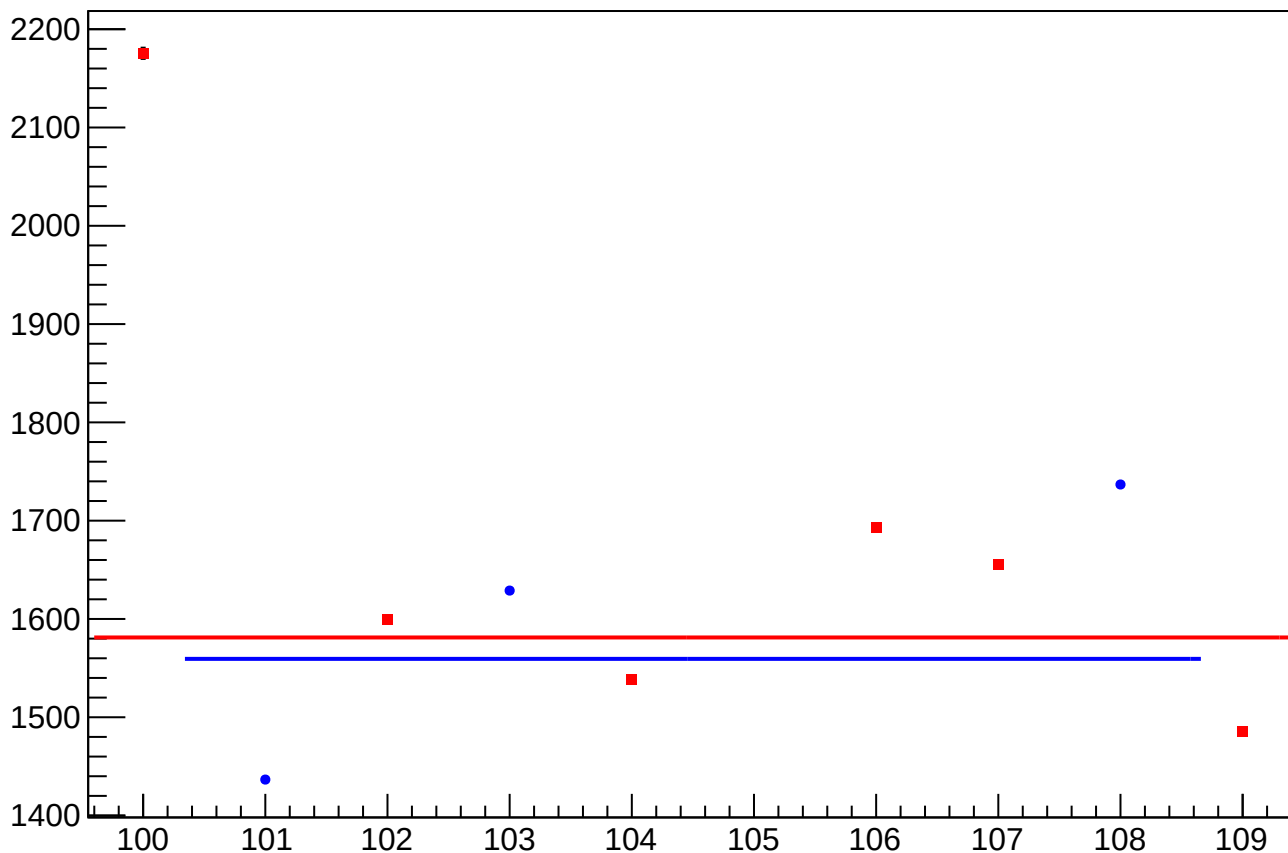
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -678.493+/-788.365 χ^2/NDF : 7.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1559.404 $\pm$ 0.860 χ^2 /NDF: 20007.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1581.169 $\pm$ 0.732 χ^2 /NDF: 20054.4/5

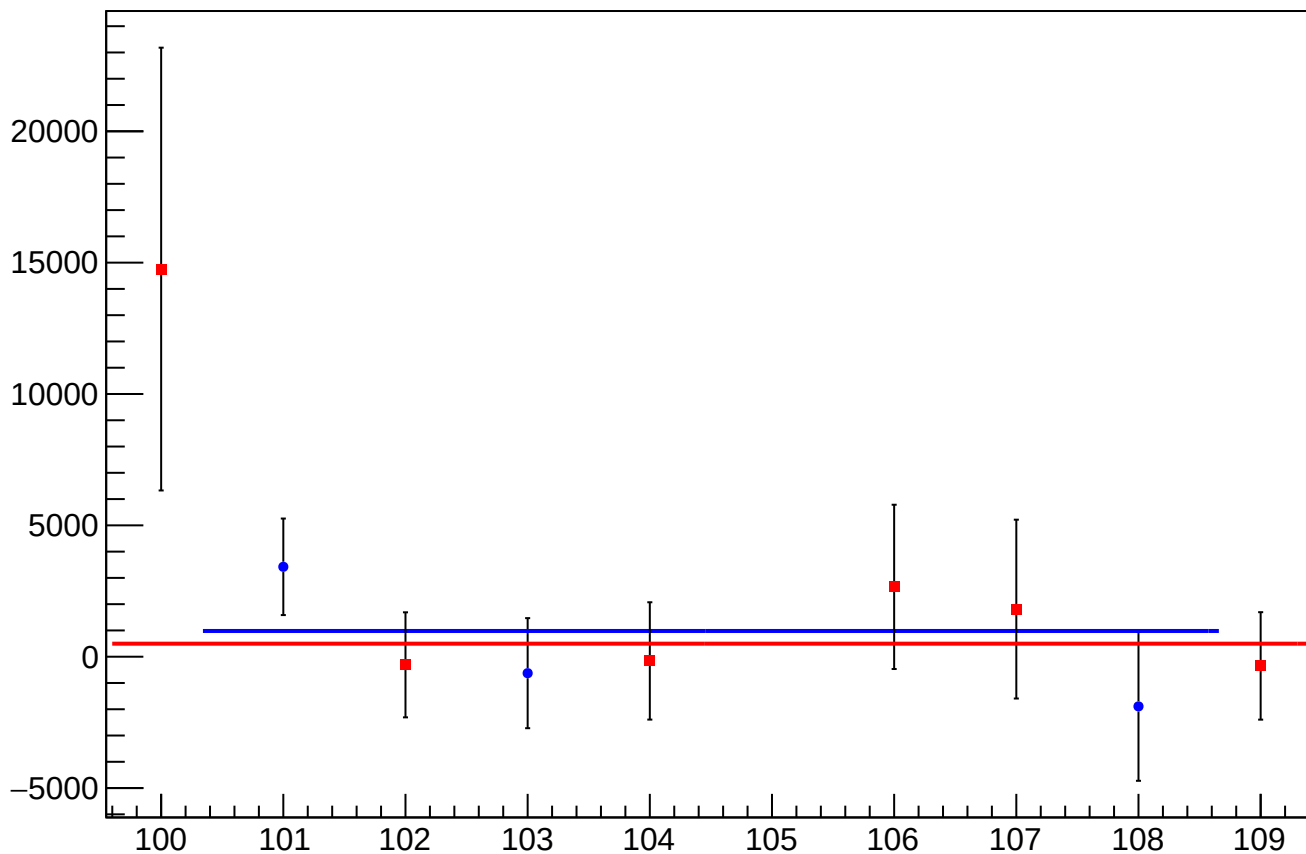
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1572.018 $\pm$ 0.557 χ^2 /NDF: 40433.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 979.714 $\pm$ 1241.553 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 496.110 $\pm$ 1058.528 χ^2 /NDF: 3.9/5

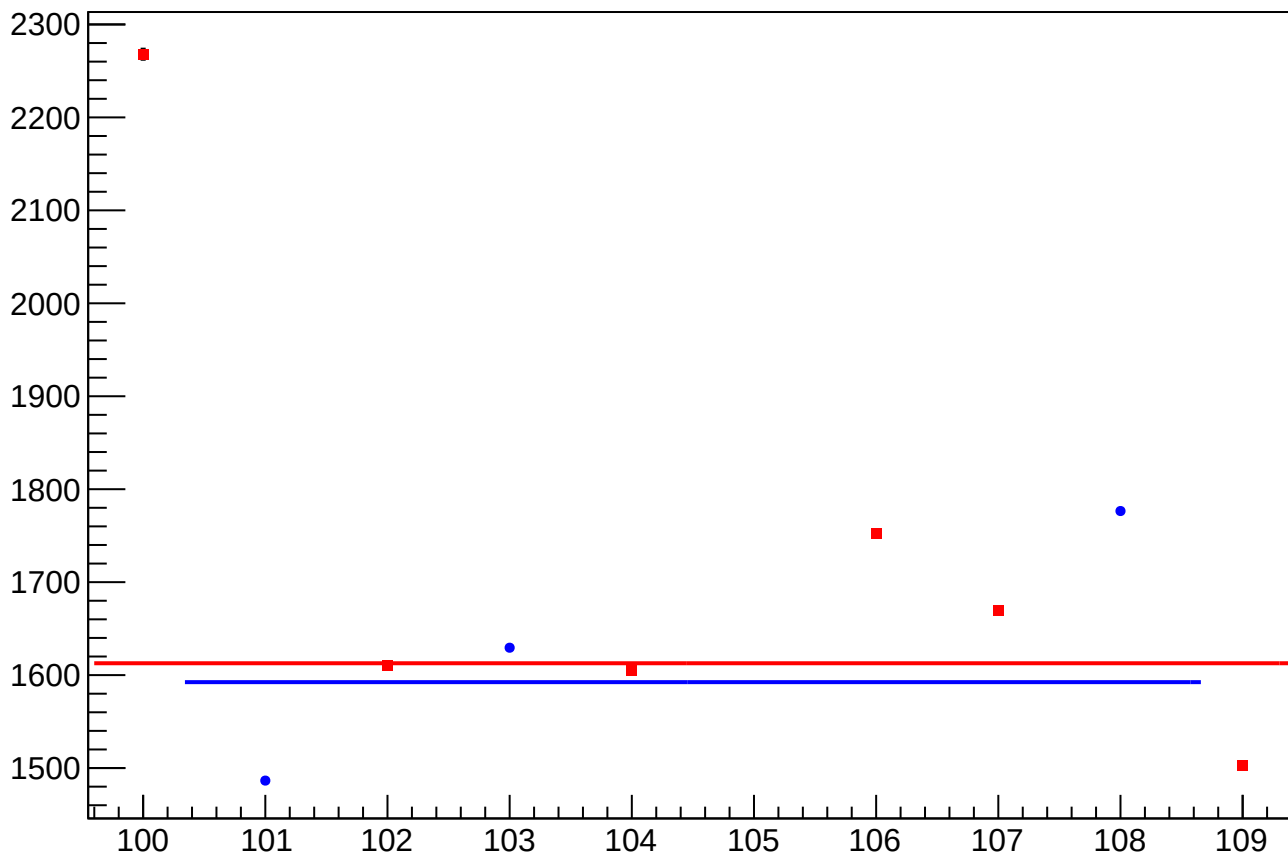
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 699.672 $\pm$ 805.506 χ^2 /NDF: 7.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



Right In: 1592.427+/-0.878 χ^2/NDF : 15718.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1612.754+/-0.748 χ^2/NDF : 22413.8/5

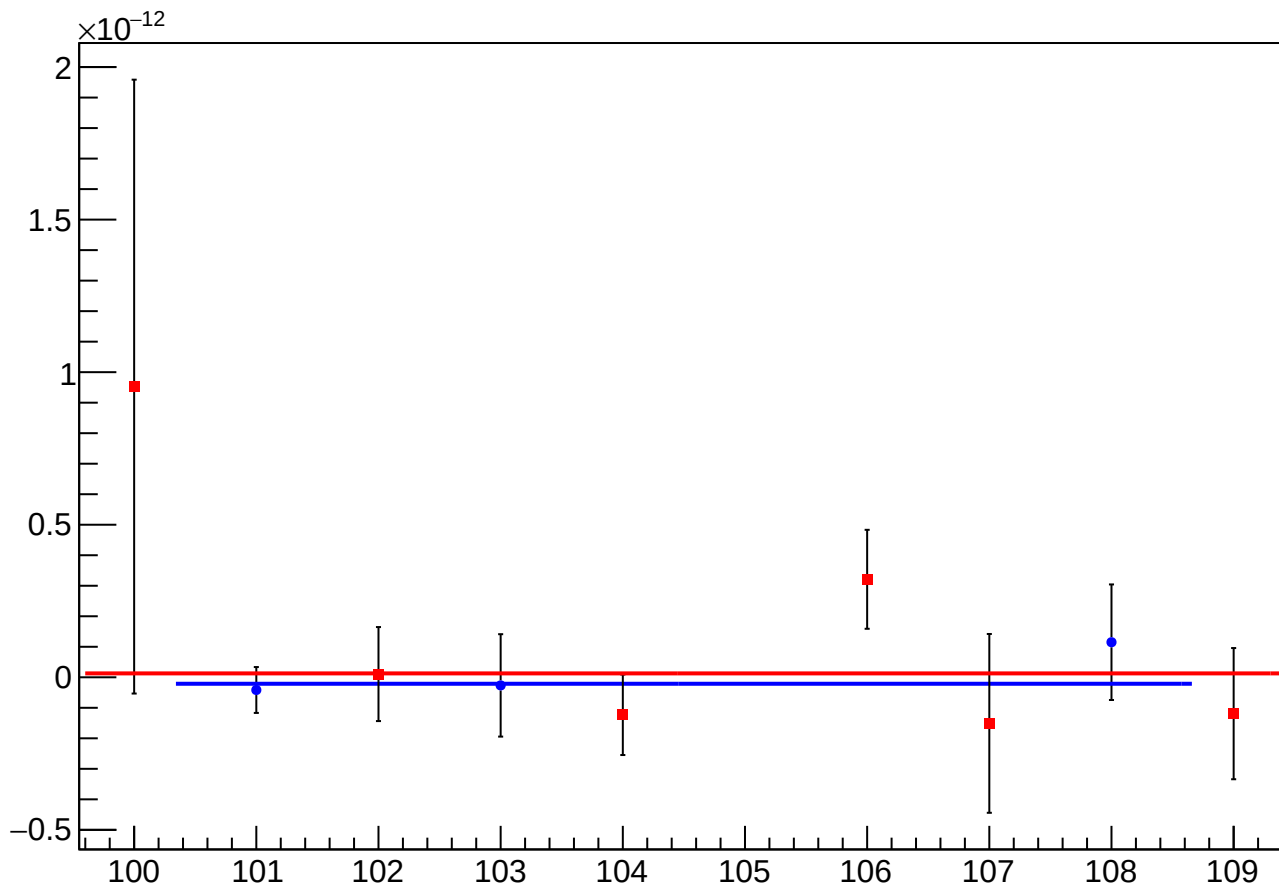
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.198+/-0.570 χ^2/NDF : 38442.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.2/5

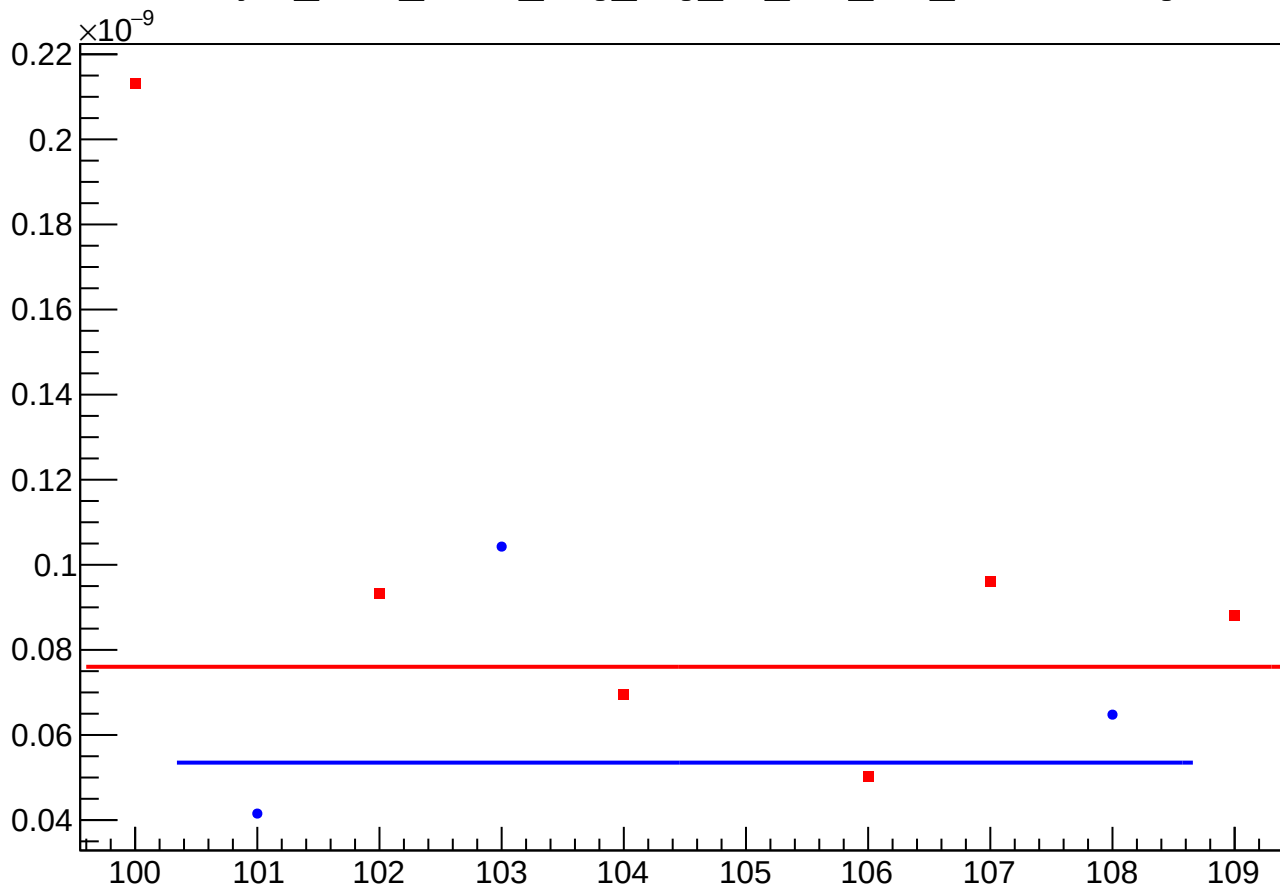
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 240884.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 132962.1/5

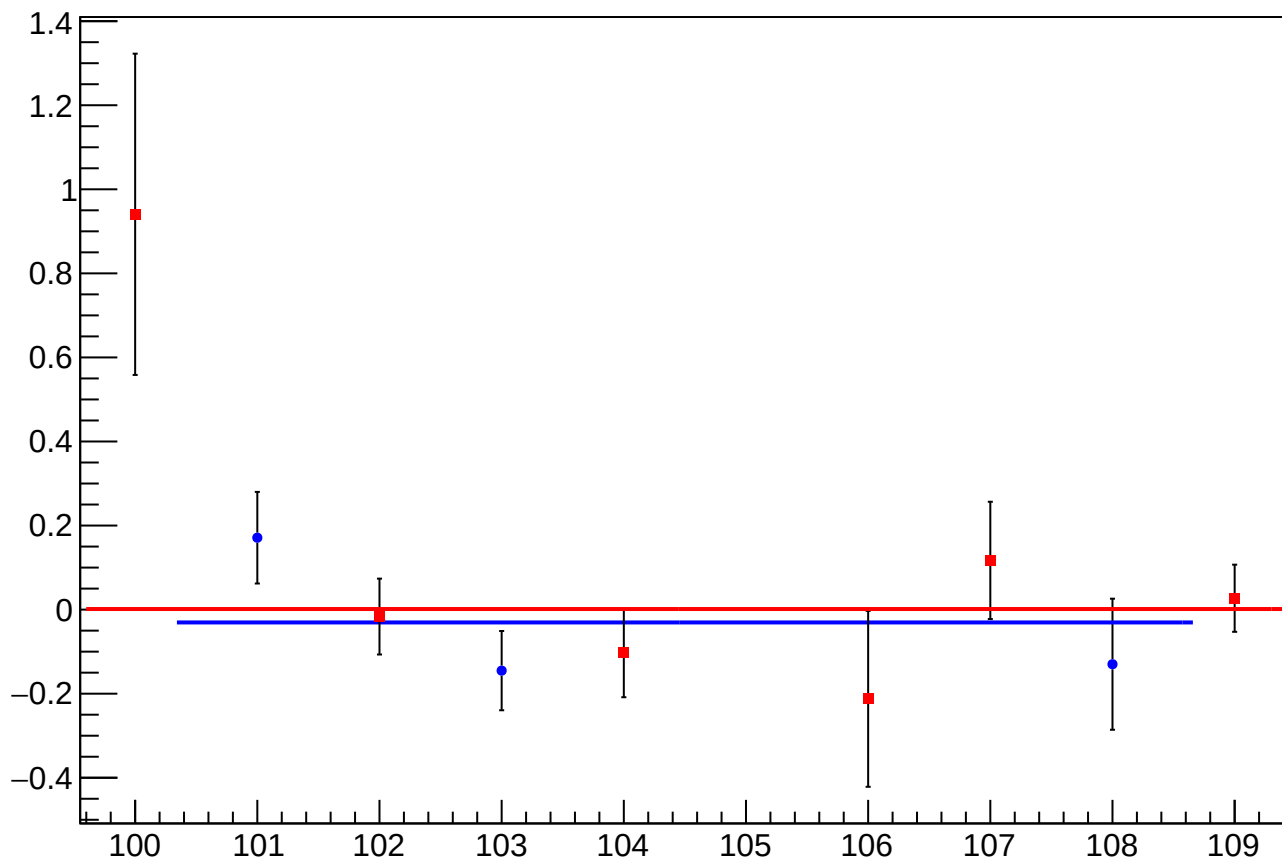
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 475553.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.031 $\pm$ 0.065 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.047 χ^2 /NDF: 8.9/5

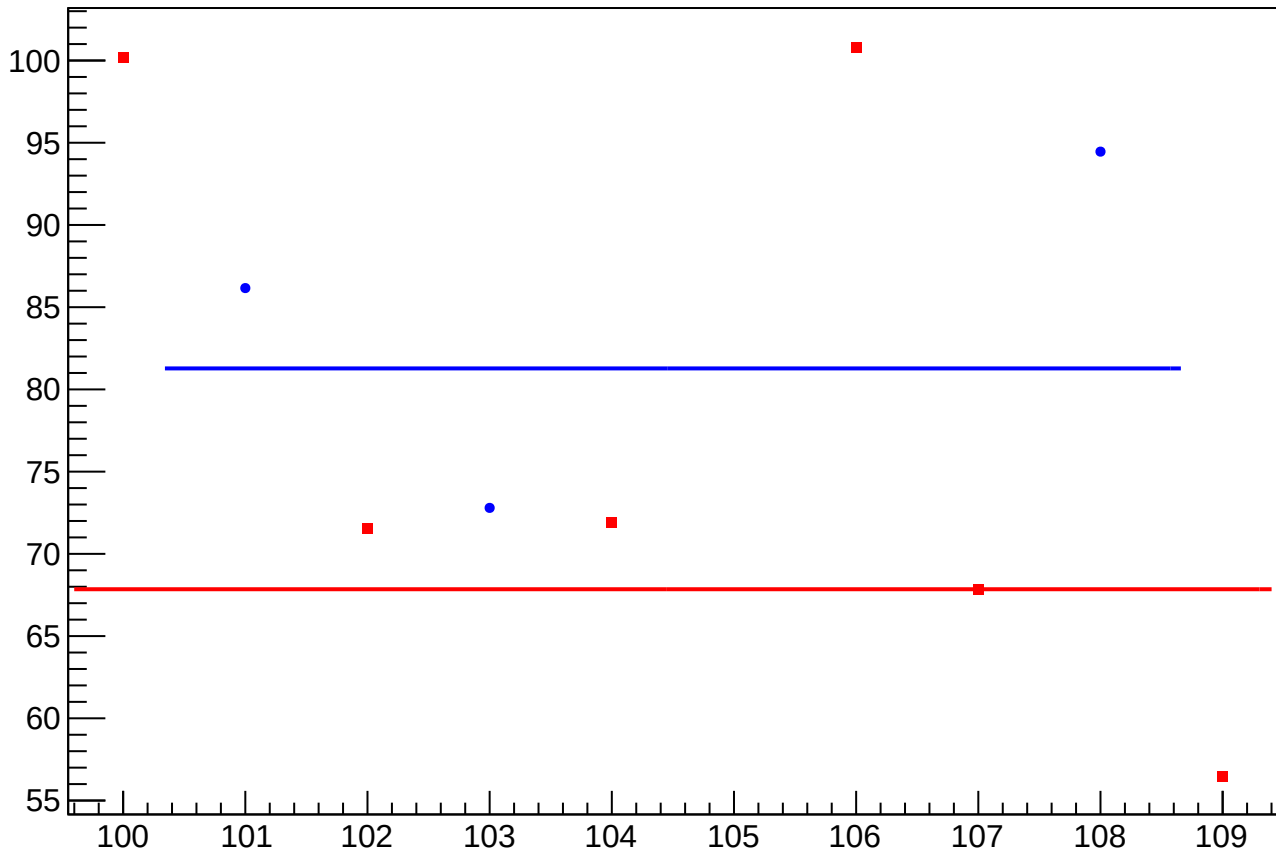
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.038 χ^2 /NDF: 14.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug



Right In: 81.277 $\pm$ 0.046 χ^2 /NDF: 34494.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.849 $\pm$ 0.033 χ^2 /NDF: 111039.0/5

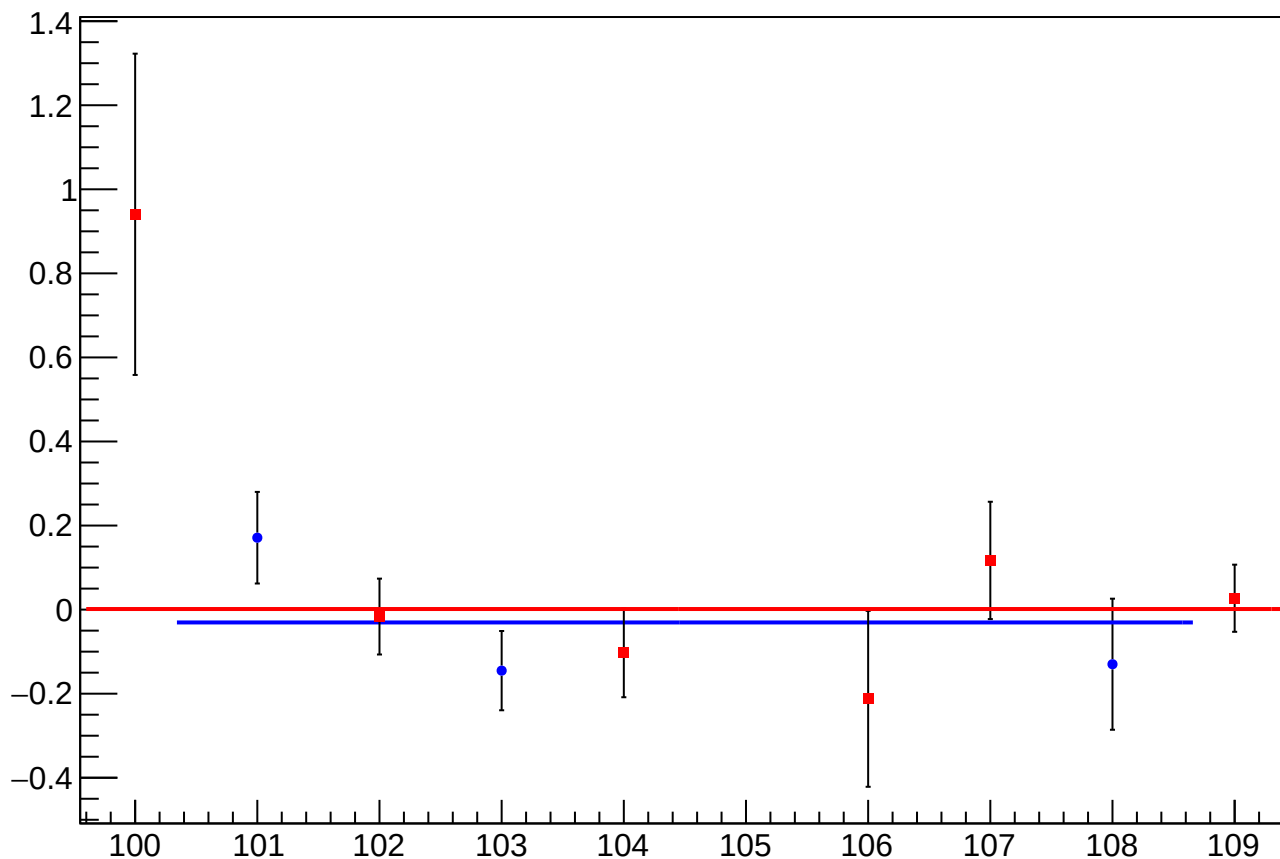
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.492 $\pm$ 0.027 χ^2 /NDF: 201641.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.031 $\pm$ 0.065 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.047 χ^2 /NDF: 8.9/5

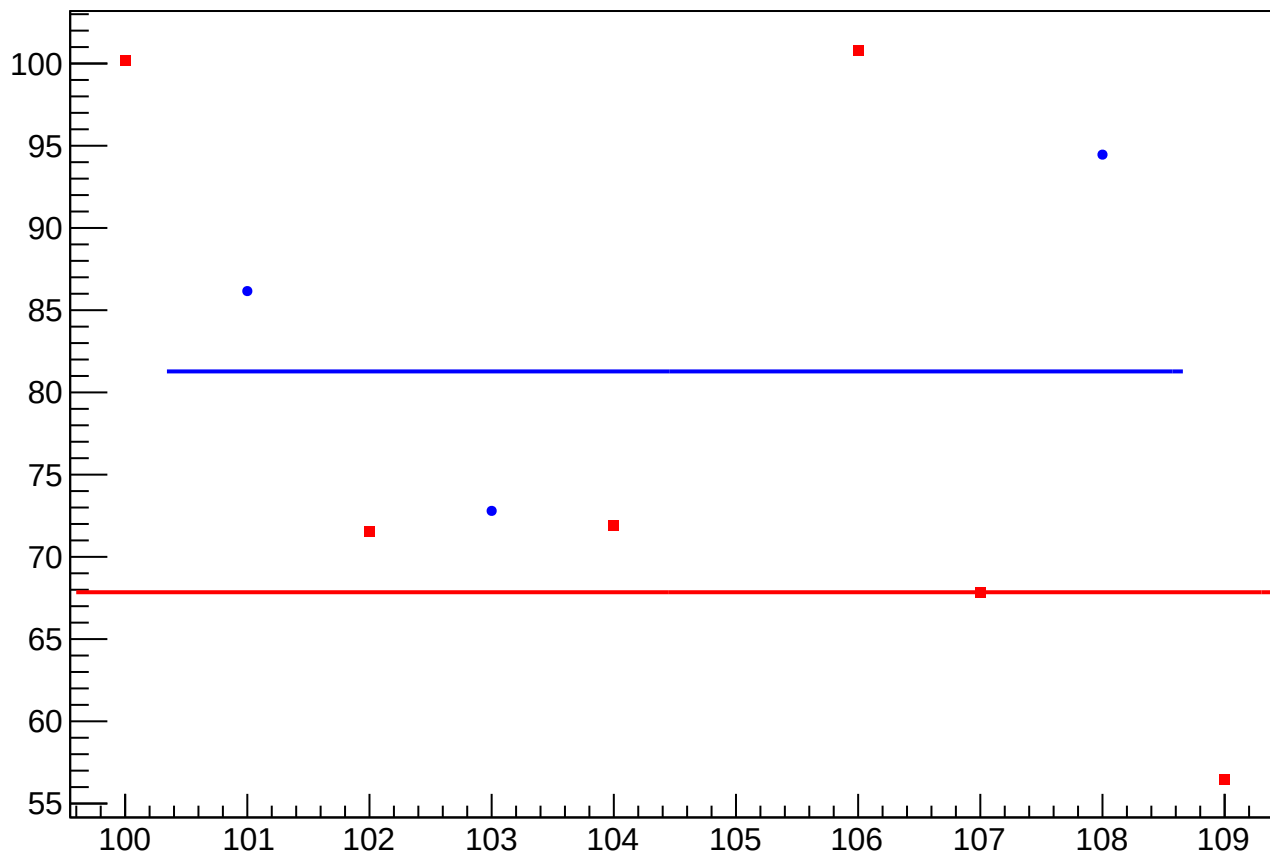
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.038 χ^2 /NDF: 14.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 81.277+/-0.046 χ^2/NDF : 34494.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.849+/-0.033 χ^2/NDF : 111039.0/5

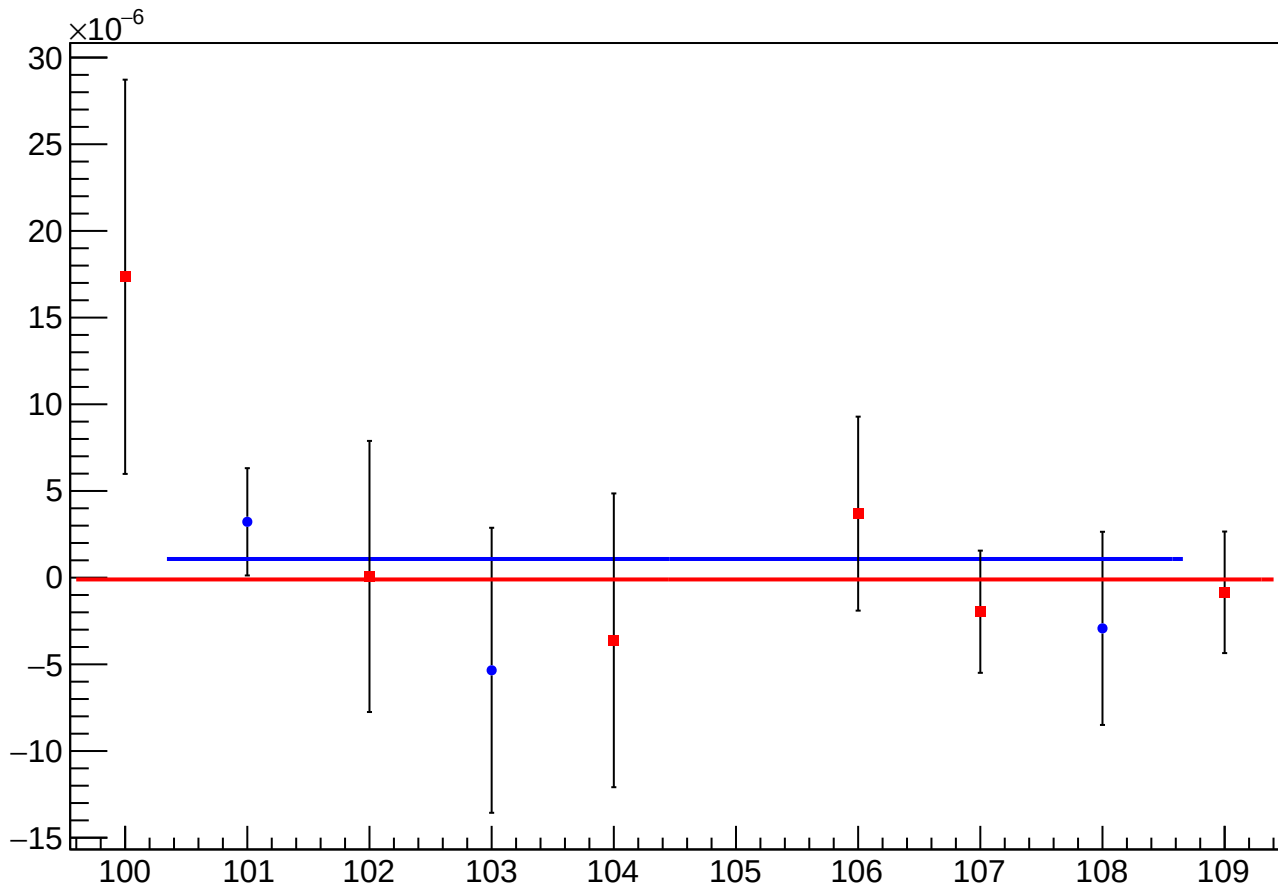
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.492+/-0.027 χ^2/NDF : 201641.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.3/5

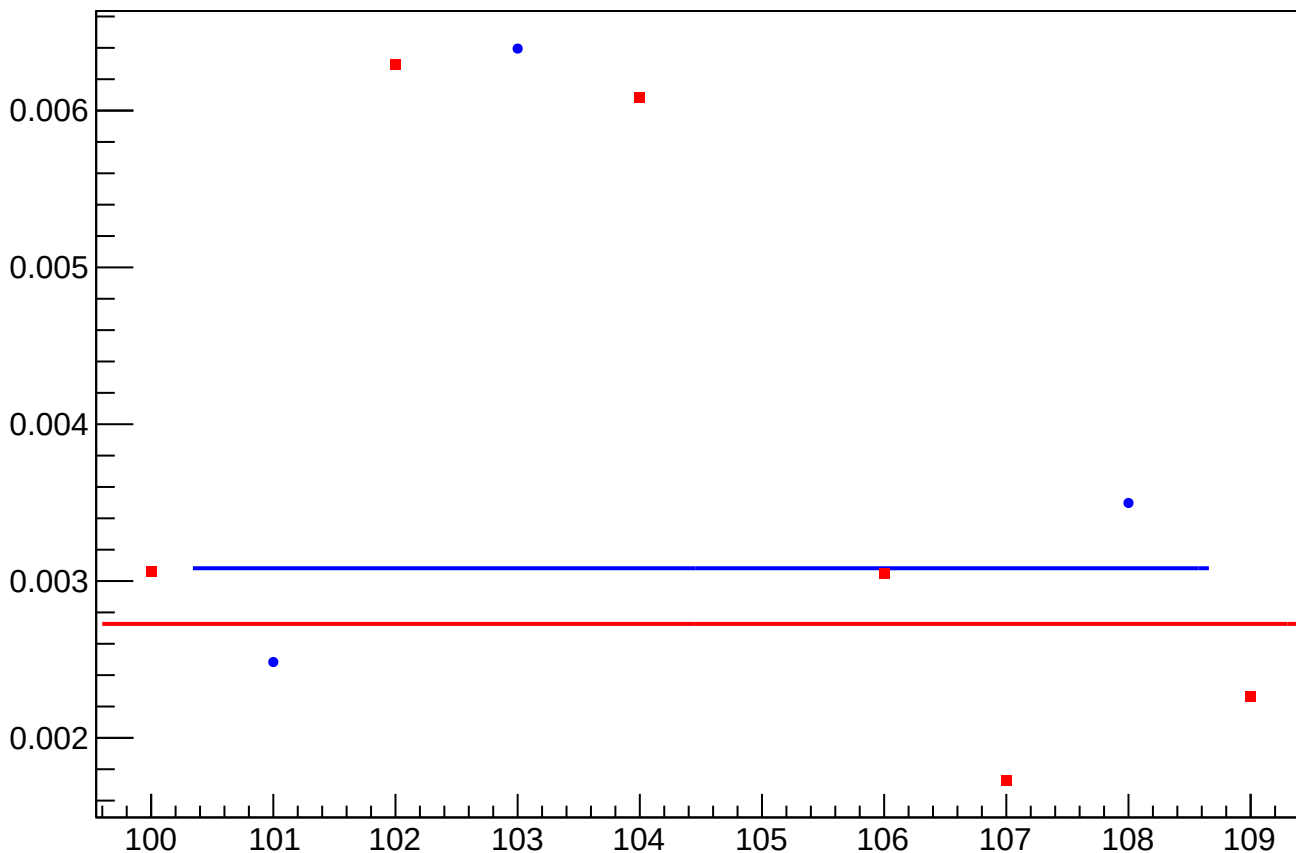
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 410859.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 934537.3/5

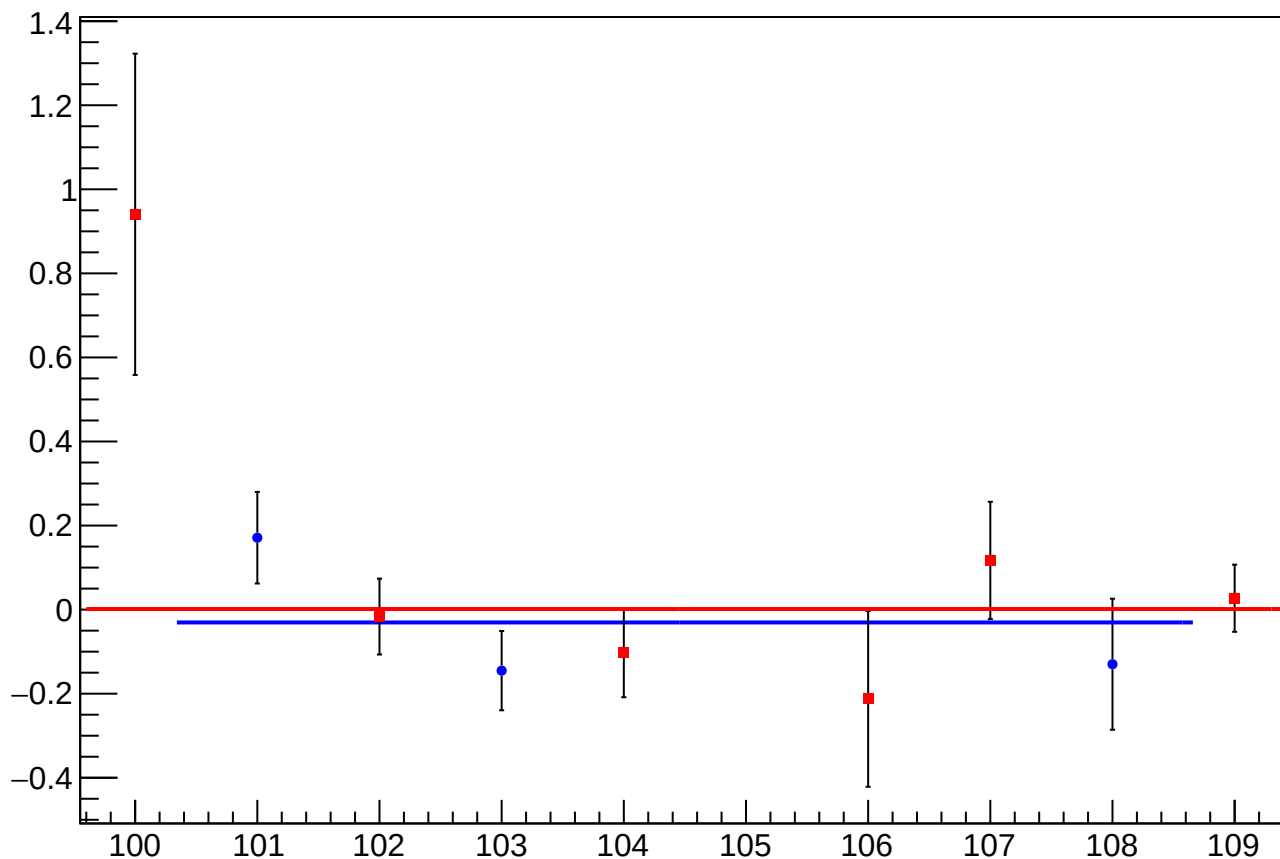
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 1368463.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.031 $\pm$ 0.065 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.047 χ^2 /NDF: 8.9/5

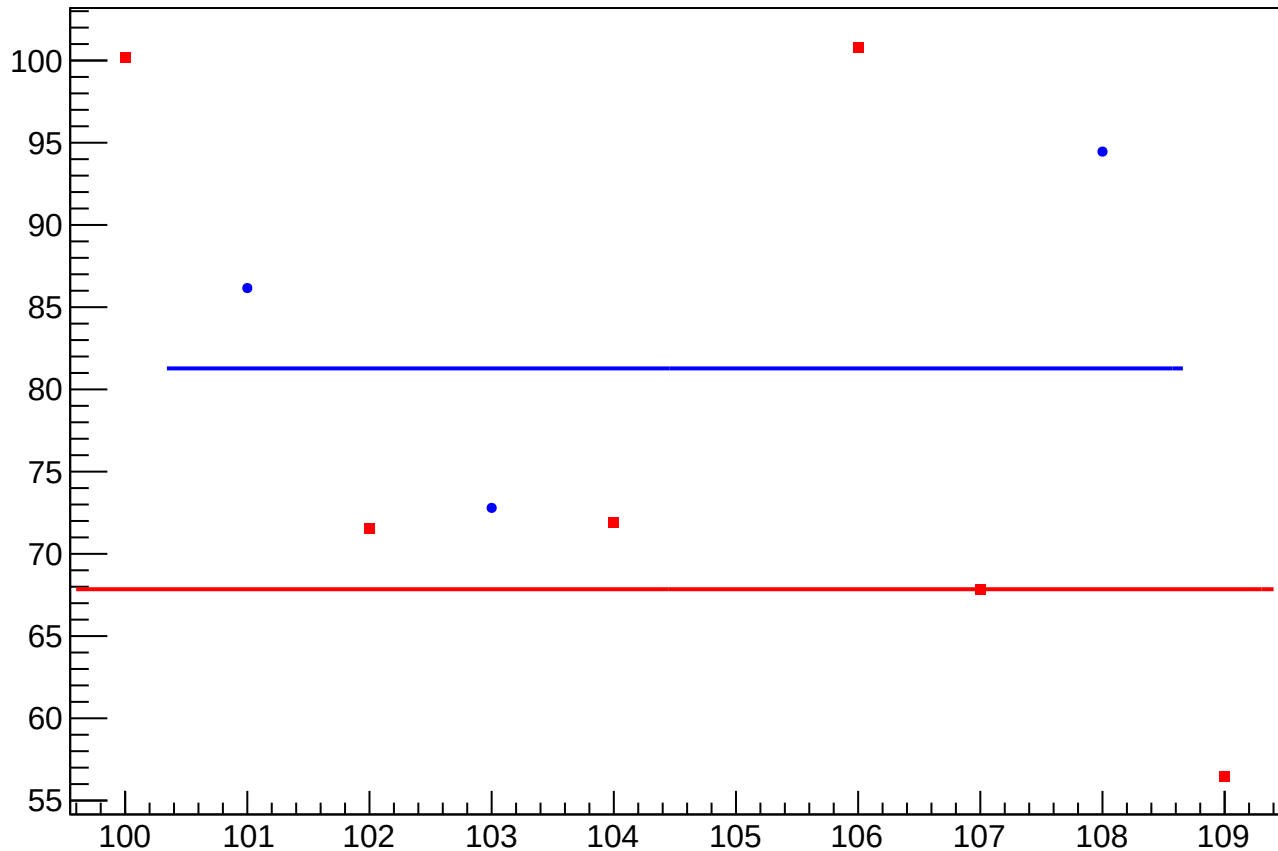
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.010 $\pm$ 0.038 χ^2 /NDF: 14.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 81.277 $\pm$ 0.046 χ^2 /NDF: 34501.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.849 $\pm$ 0.033 χ^2 /NDF: 111042.1/5

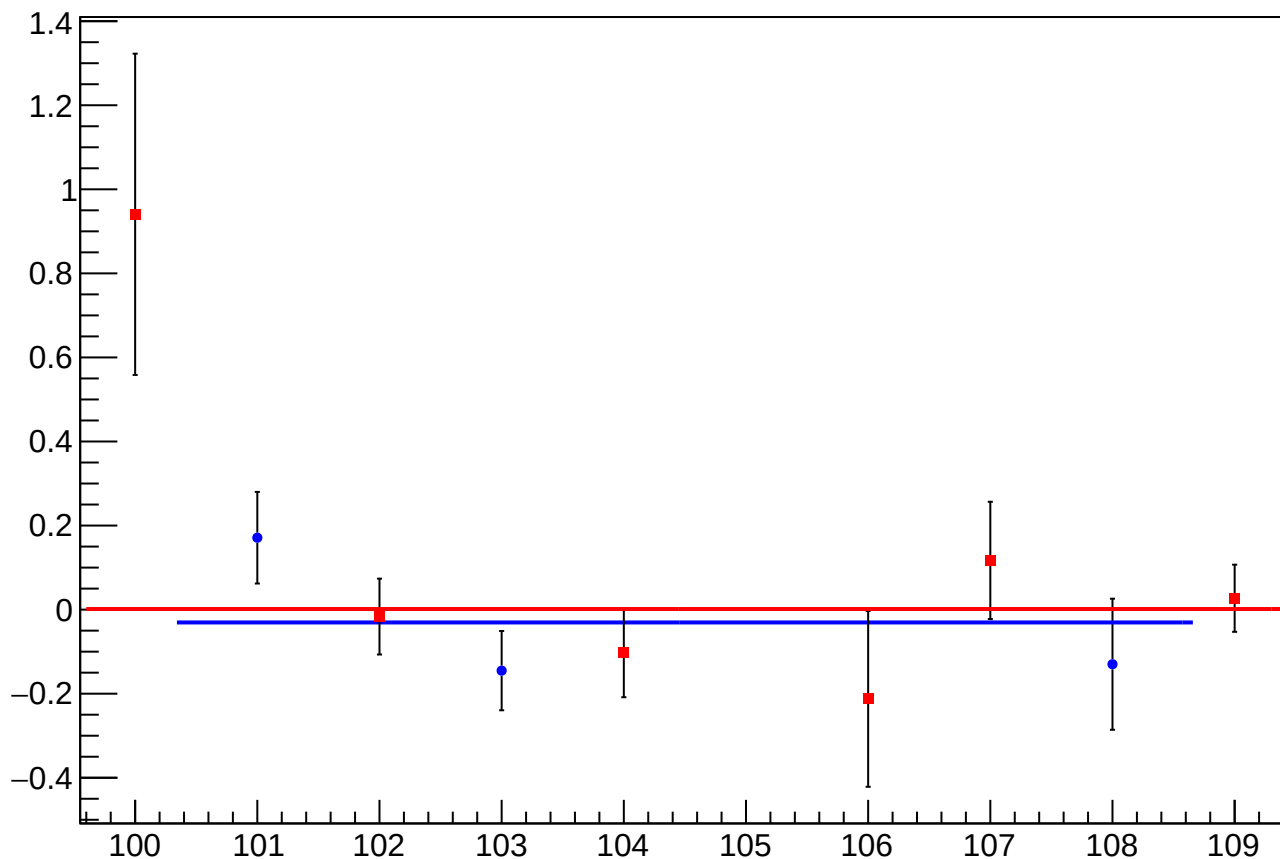
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.492 $\pm$ 0.027 χ^2 /NDF: 201651.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.031 ± 0.065 $\chi^2/\text{NDF}: 5.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.001 ± 0.047 $\chi^2/\text{NDF}: 8.9/5$

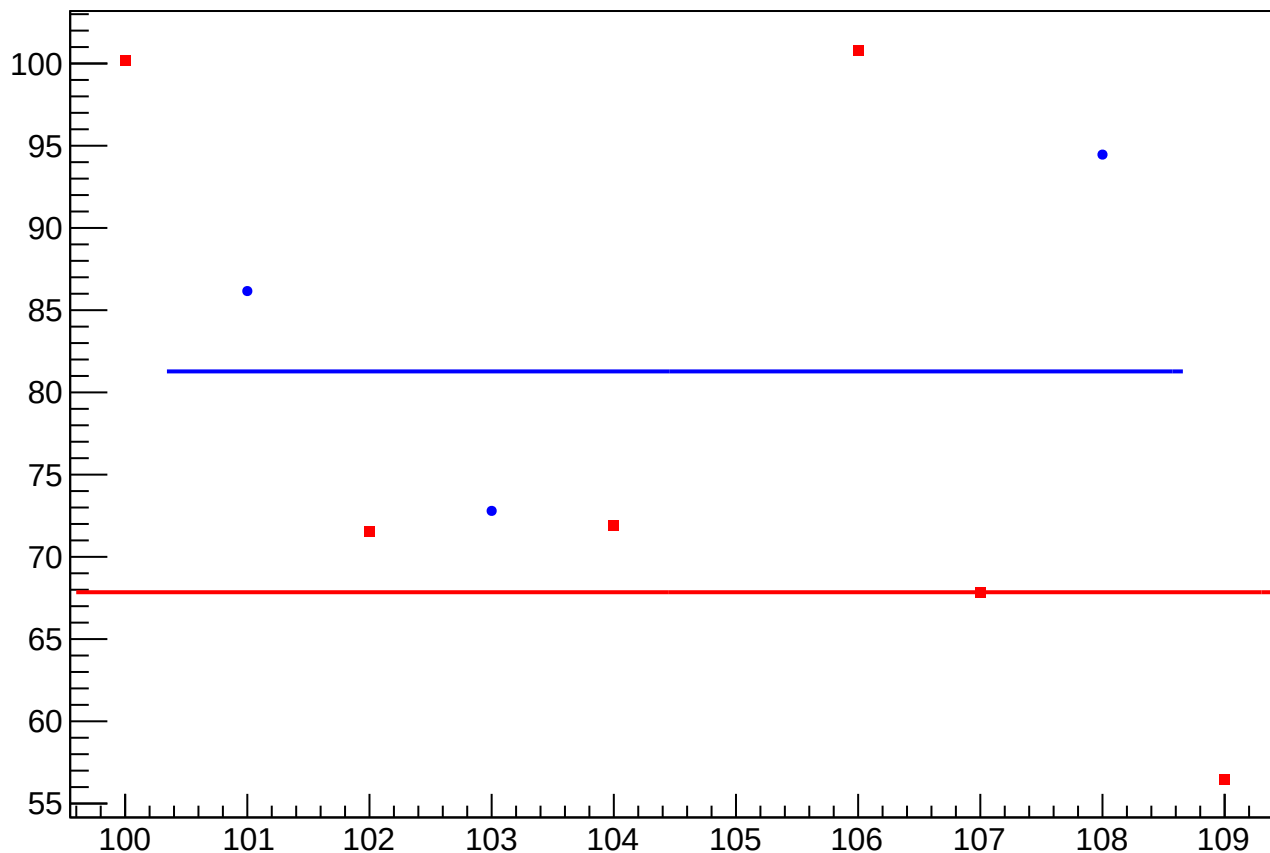
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.010 ± 0.038 $\chi^2/\text{NDF}: 14.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 81.277 $\pm$ 0.046 χ^2 /NDF: 34501.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.849 $\pm$ 0.033 χ^2 /NDF: 111042.1/5

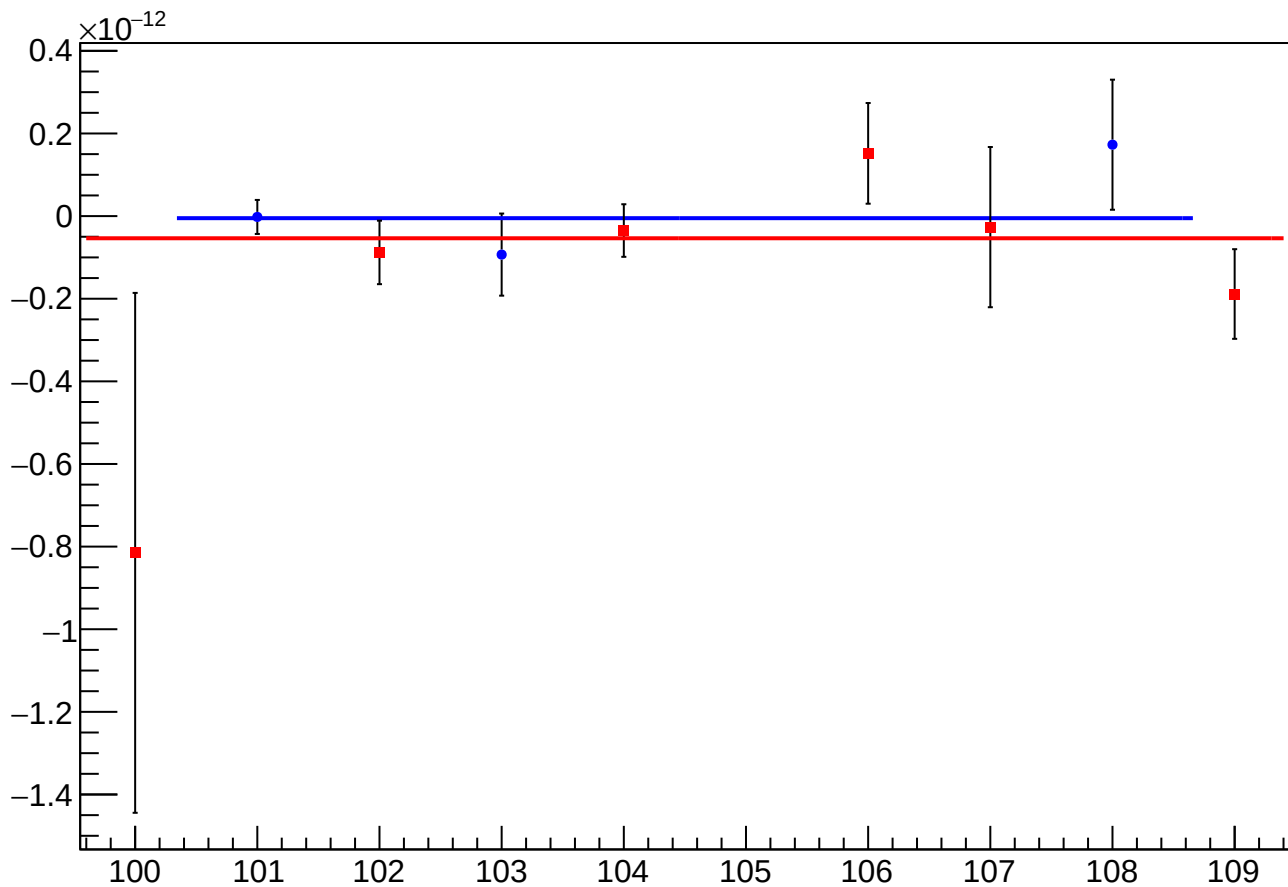
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.492 $\pm$ 0.027 χ^2 /NDF: 201651.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 6.2/5

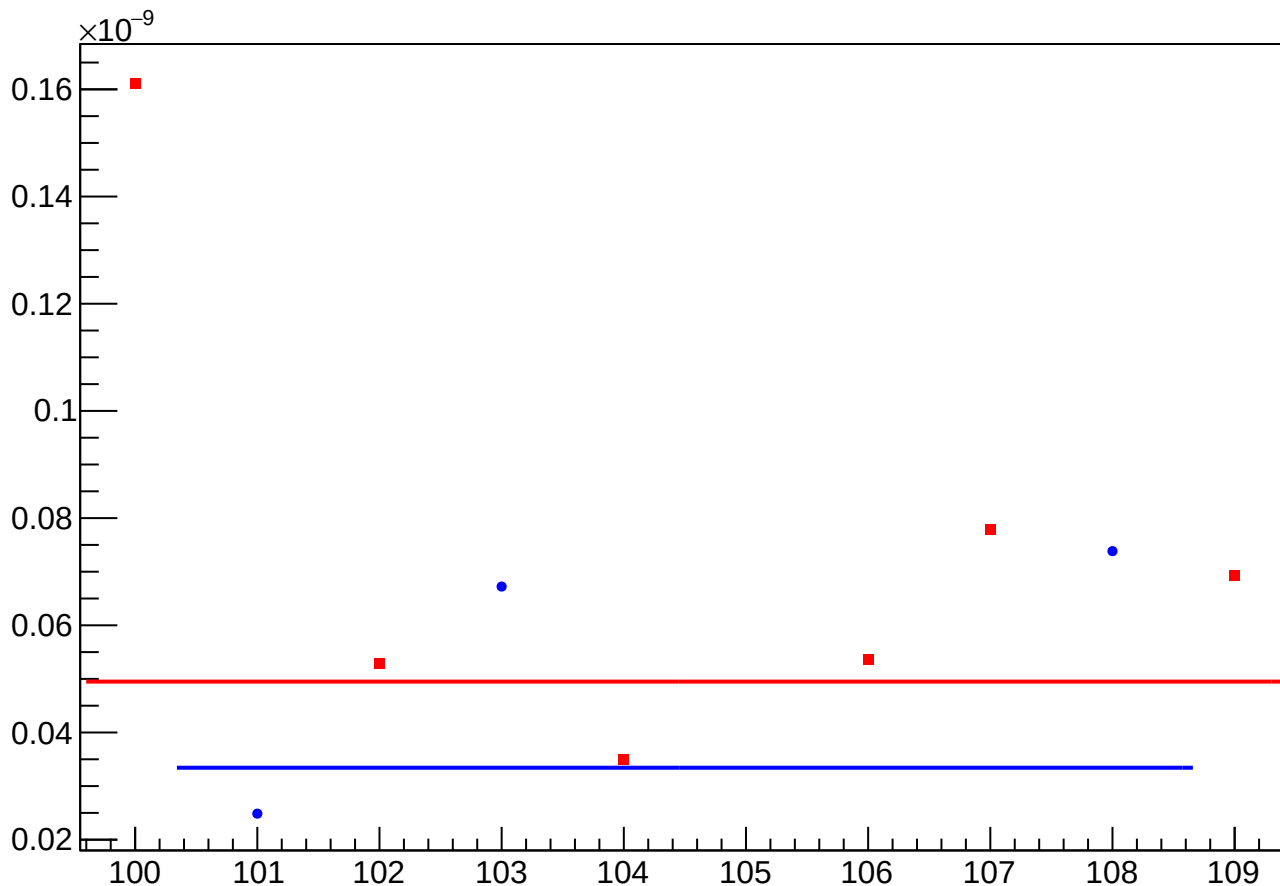
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 9.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 449854.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 283165.6/5

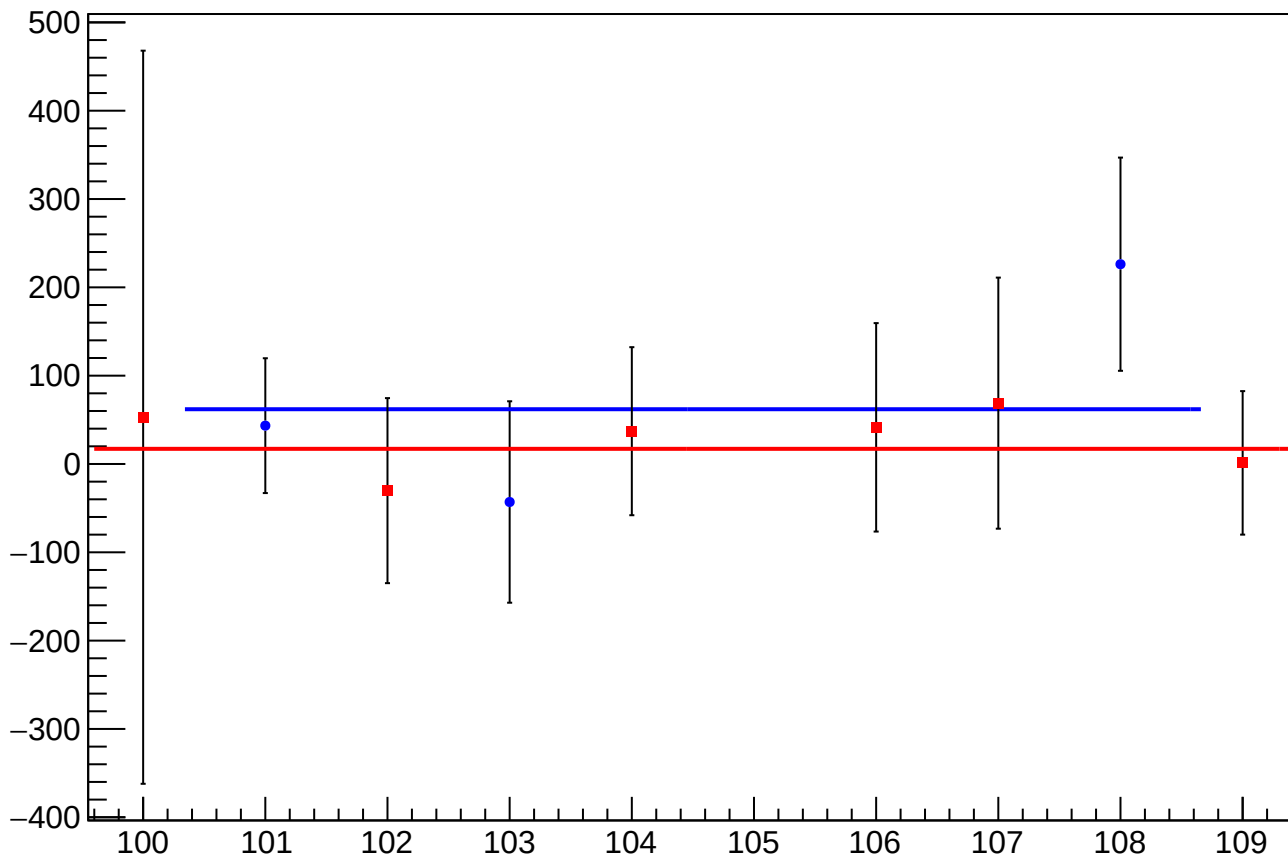
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 902893.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 62.000 $\pm$ 56.149 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.154 $\pm$ 45.633 χ^2 /NDF: 0.5/5

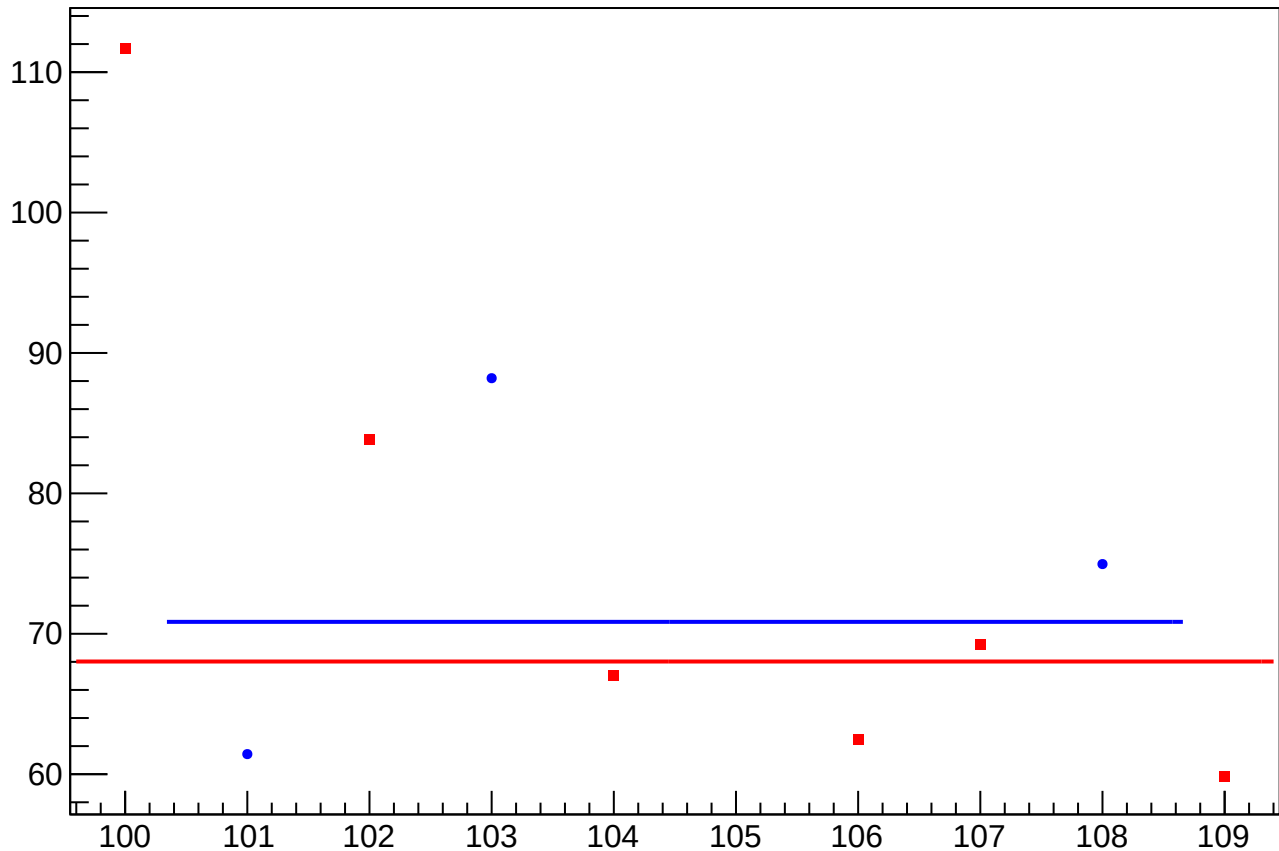
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.993 $\pm$ 35.413 χ^2 /NDF: 3.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 70.849+/-0.040 χ^2/NDF : 79100.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.025+/-0.032 χ^2/NDF : 92999.4/5

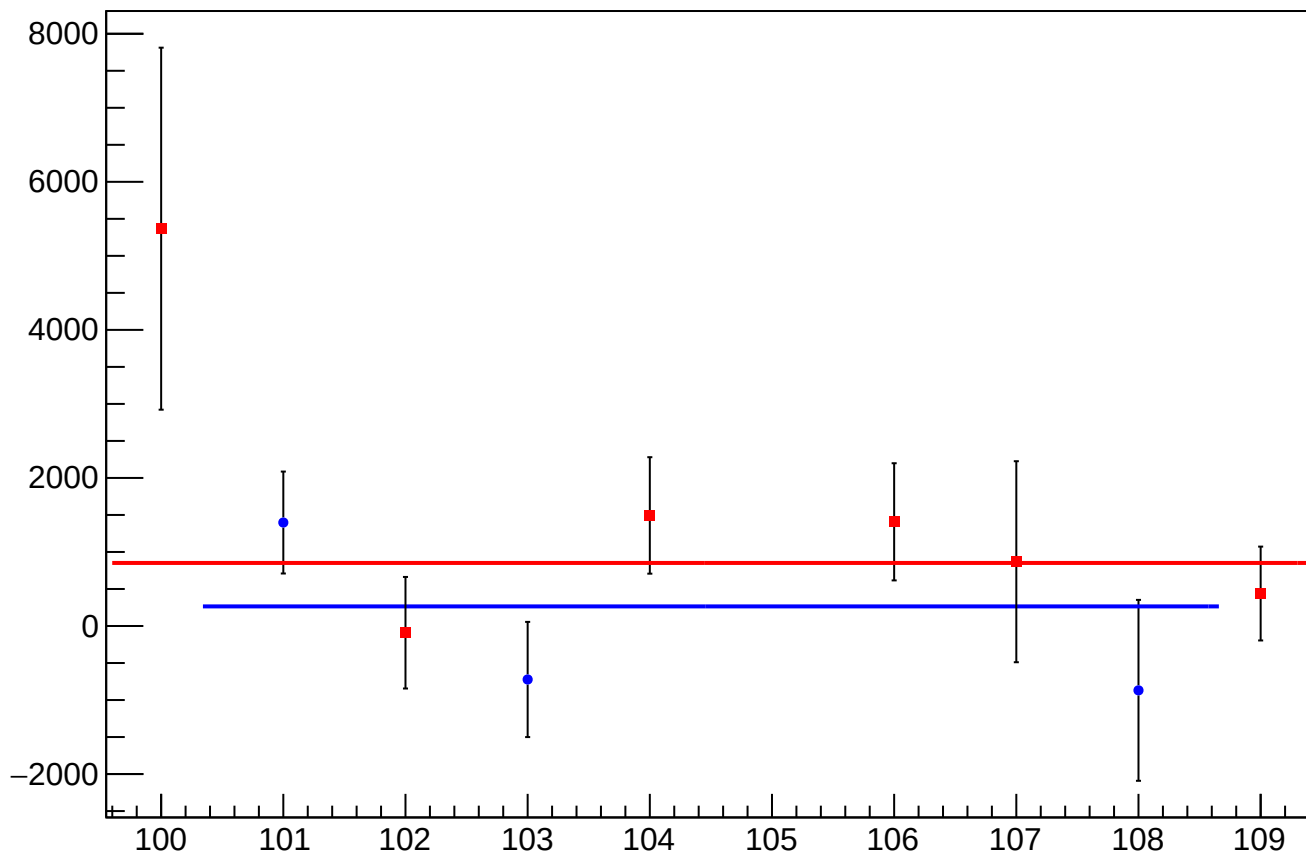
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.149+/-0.025 χ^2/NDF : 175147.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: 264.701 $\pm$ 475.036 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 851.680 $\pm$ 349.814 χ^2 /NDF: 6.6/5

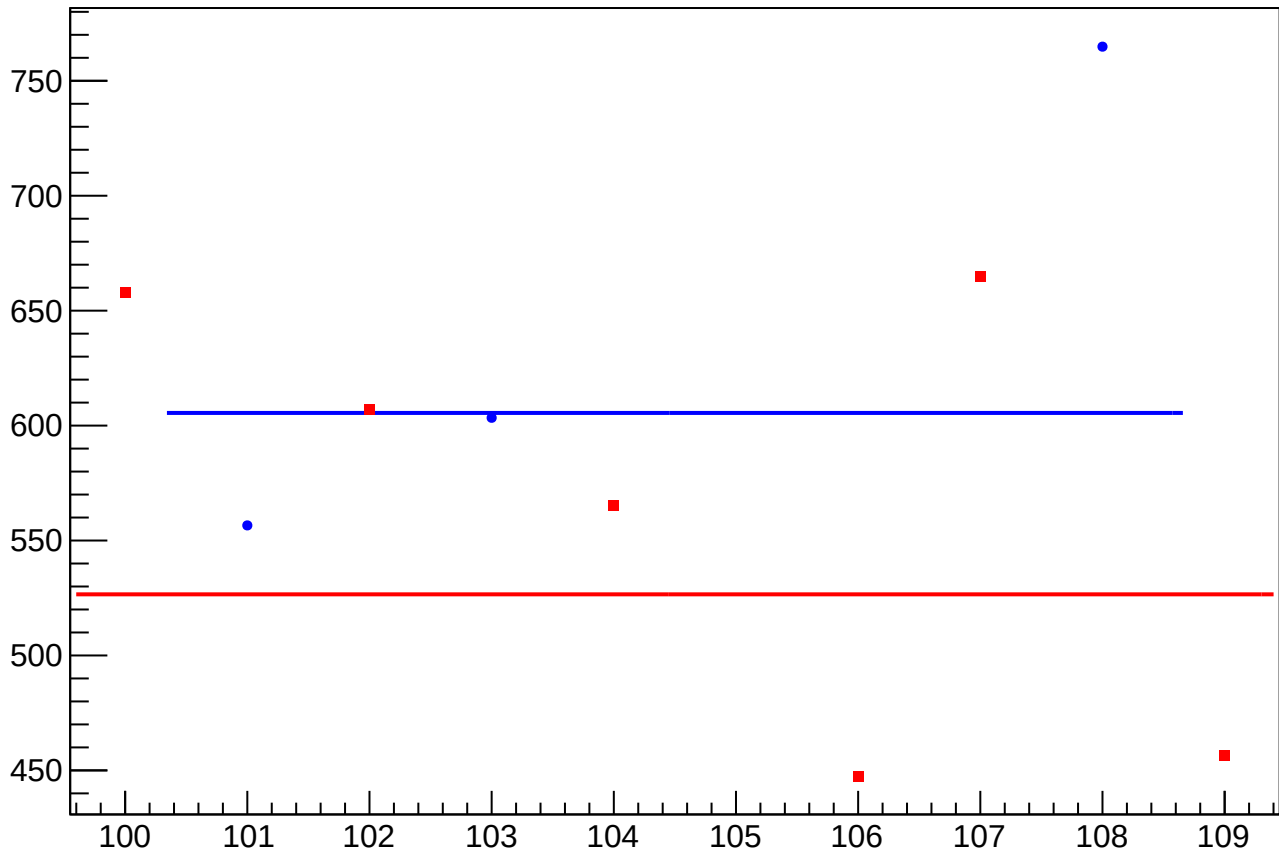
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 645.294 $\pm$ 281.680 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 605.509 $\pm$ 0.336 χ^2 /NDF: 44125.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 526.592 $\pm$ 0.247 χ^2 /NDF: 98713.9/5

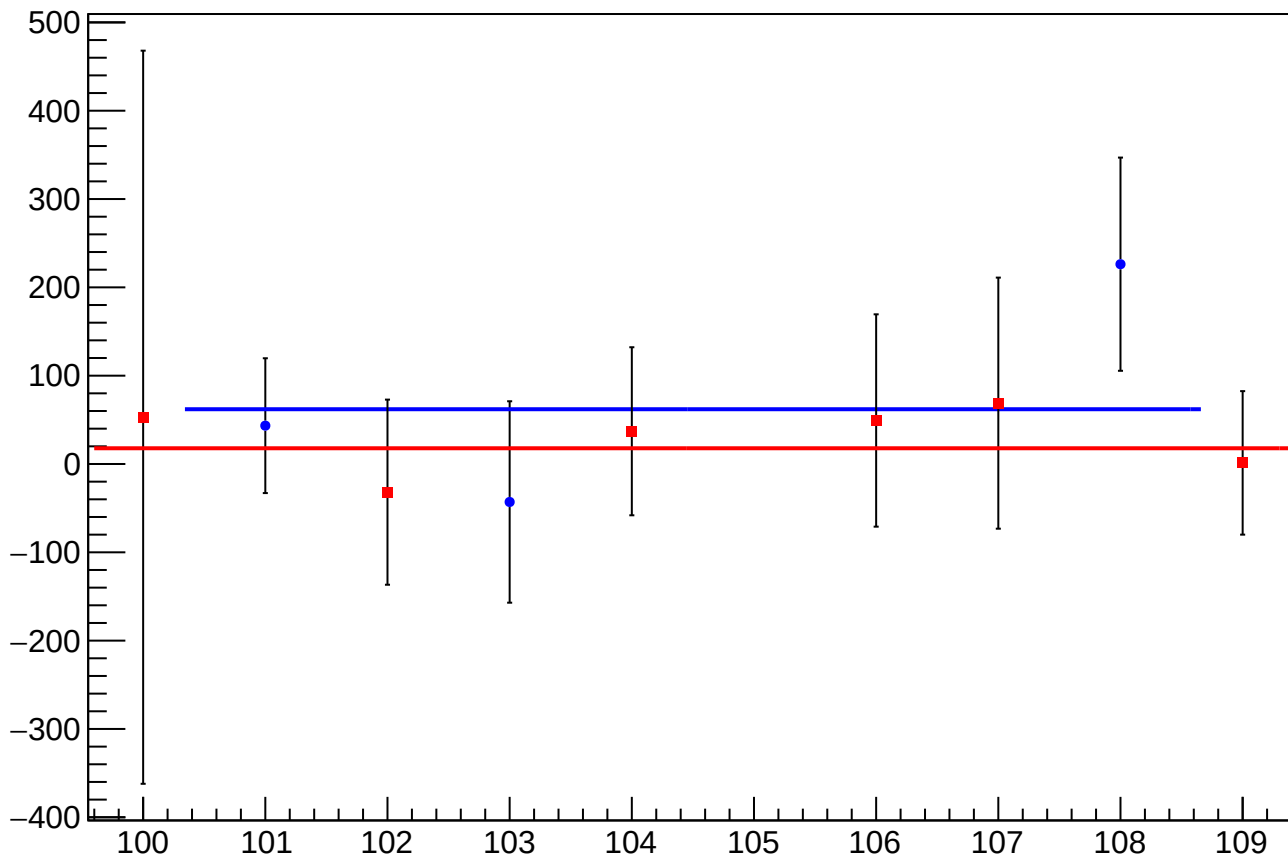
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 554.340 $\pm$ 0.199 χ^2 /NDF: 178629.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 62.011 $\pm$ 56.149 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.806 $\pm$ 45.762 χ^2 /NDF: 0.5/5

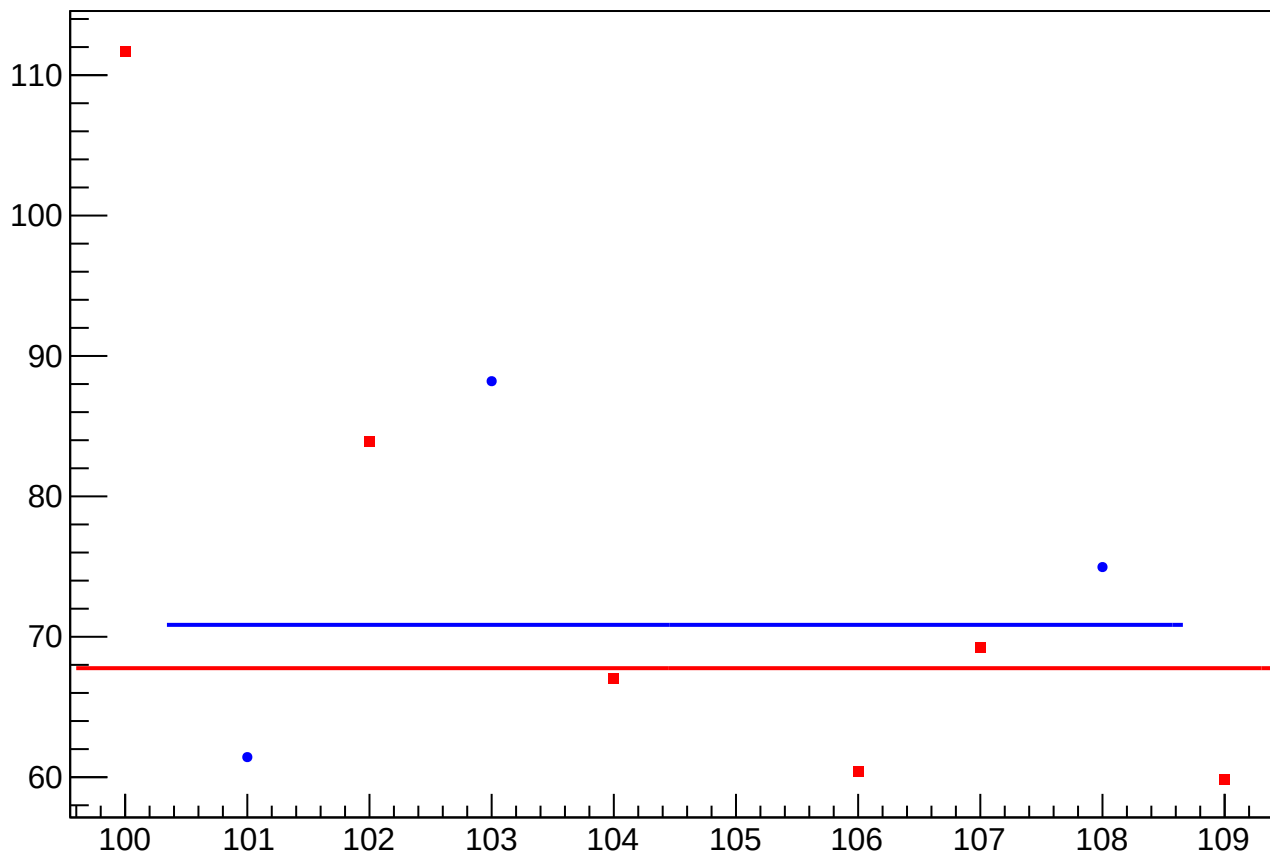
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.449 $\pm$ 35.473 χ^2 /NDF: 3.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 70.849 $\pm$ 0.040 χ^2 /NDF: 79102.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.764 $\pm$ 0.032 χ^2 /NDF: 96663.2/5

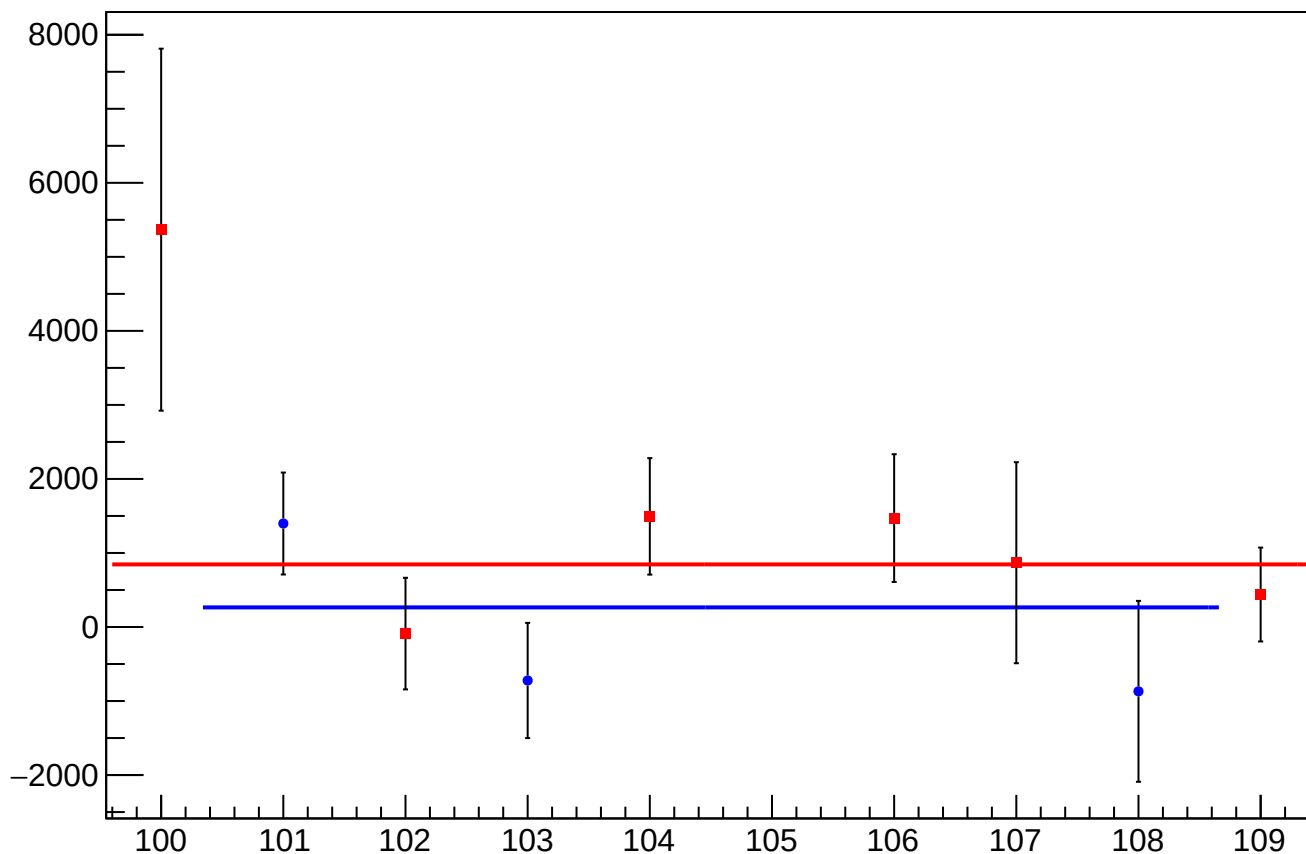
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.996 $\pm$ 0.025 χ^2 /NDF: 179394.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: 264.847 $\pm$ 475.049 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 845.509 $\pm$ 355.404 χ^2 /NDF: 6.6/5

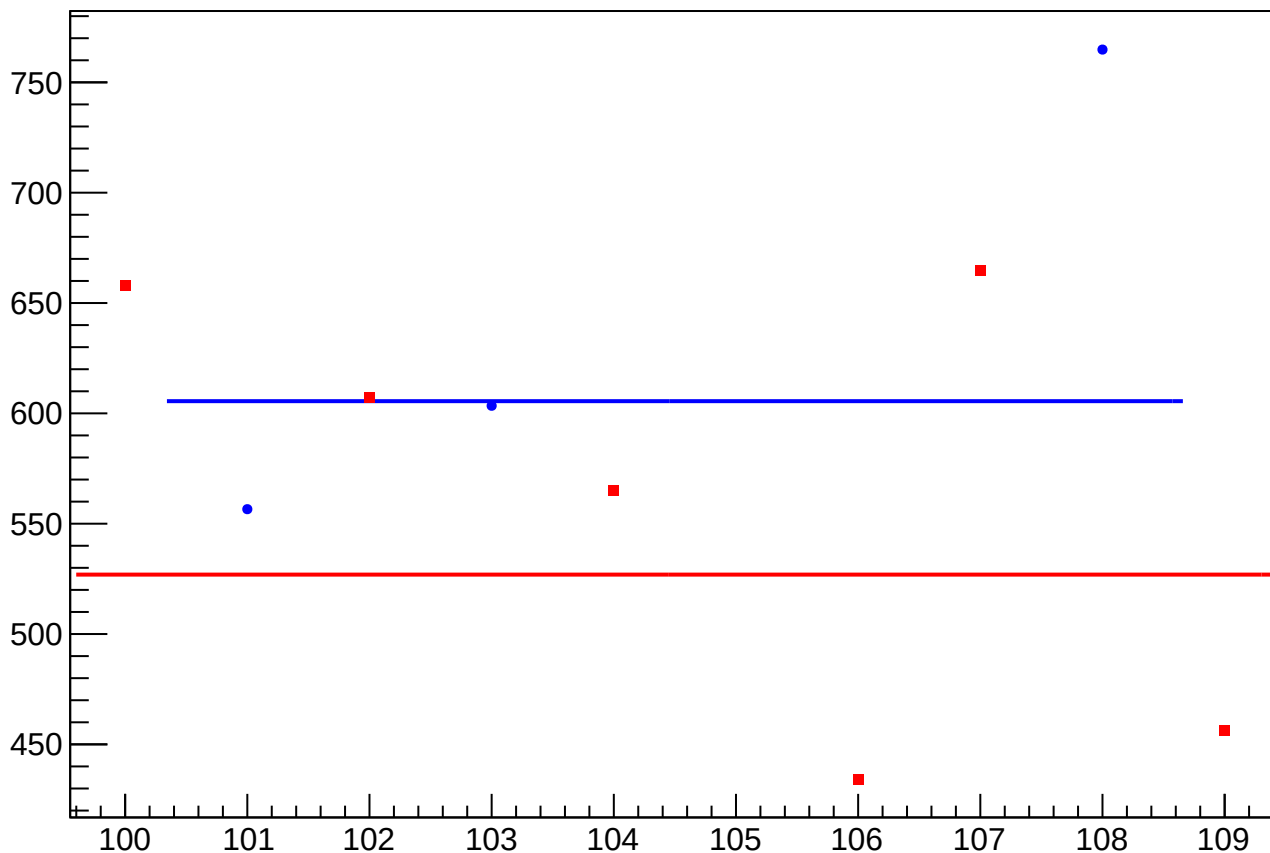
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 637.134 $\pm$ 284.577 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 605.527+/-0.336 χ^2/NDF : 44125.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.929+/-0.251 χ^2/NDF : 101772.6/5

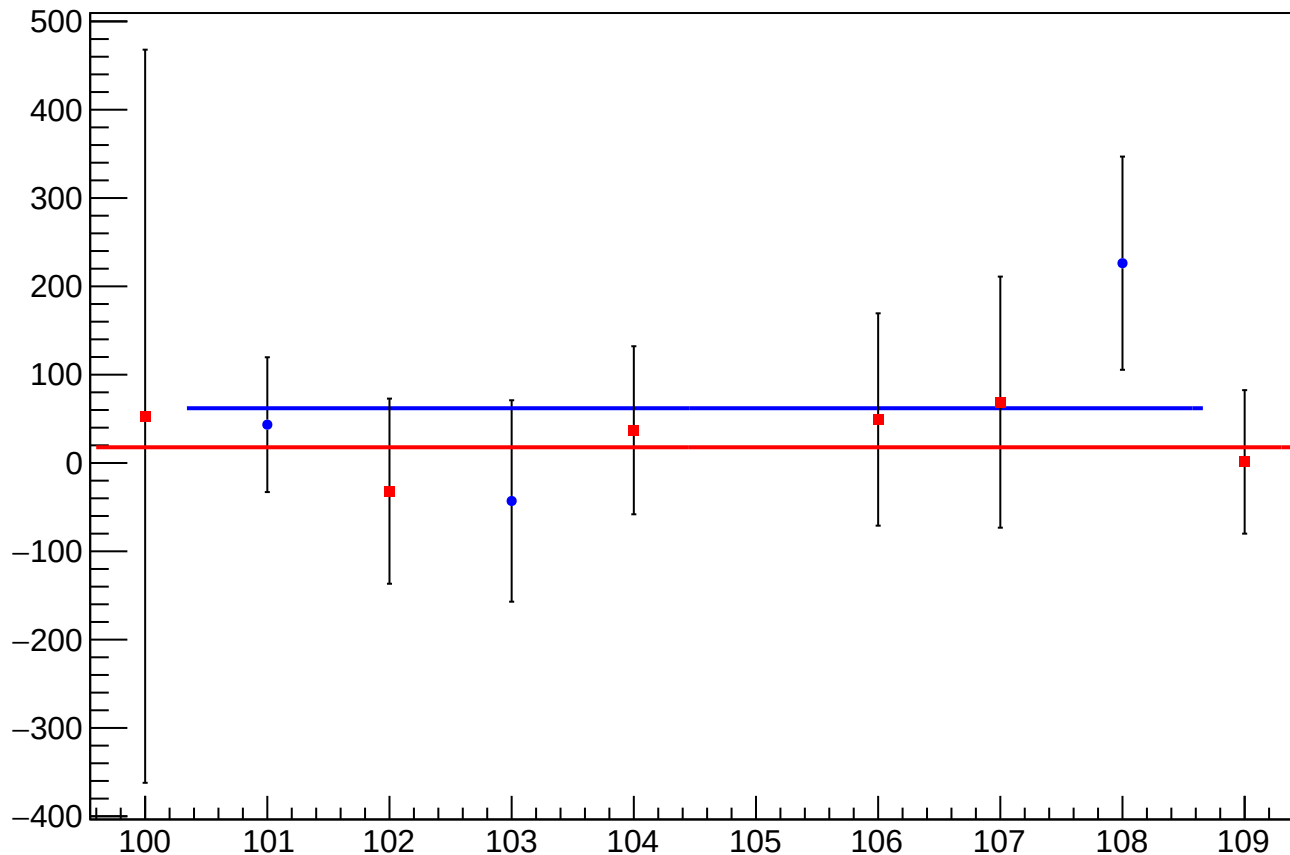
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.134+/-0.201 χ^2/NDF : 180999.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 62.011+/-56.149 χ^2/NDF : 2.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.806+/-45.762 χ^2/NDF : 0.5/5

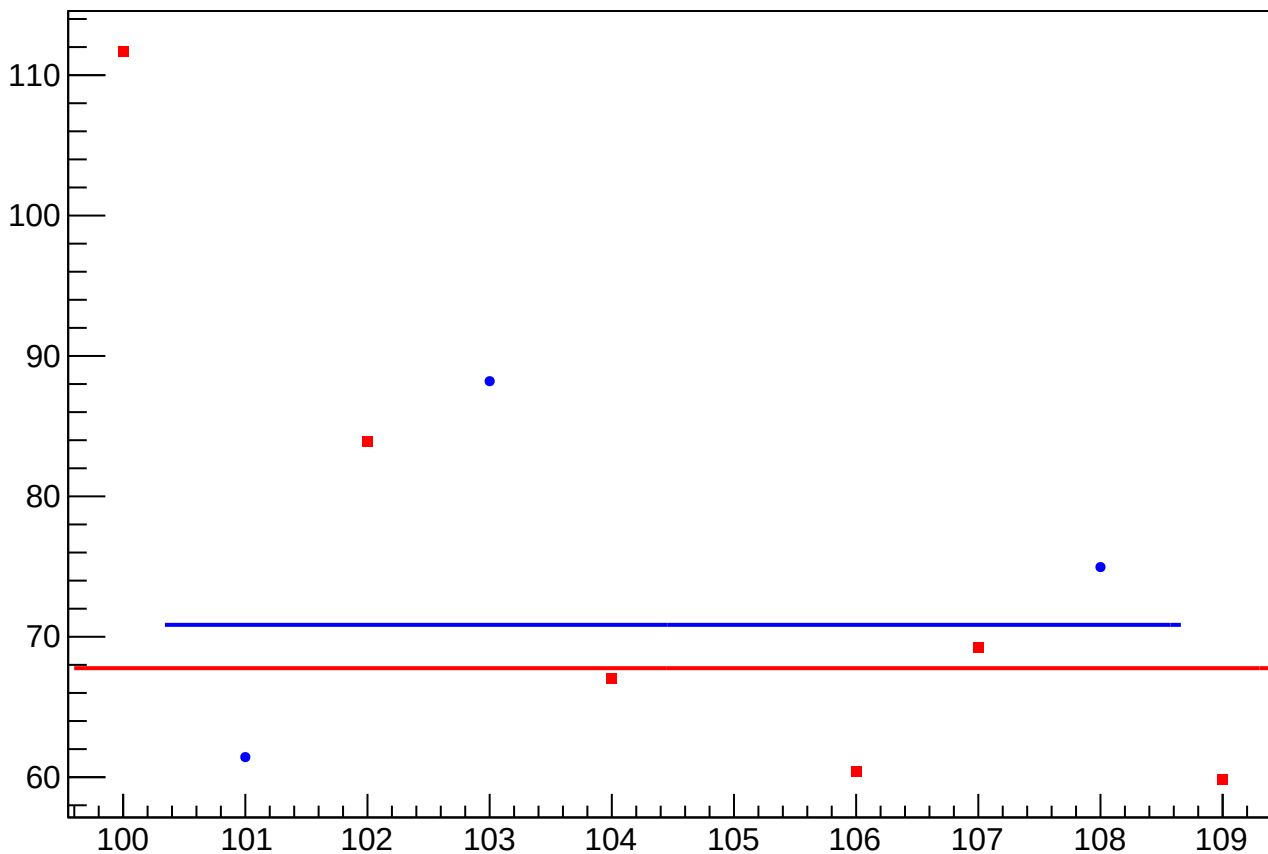
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.449+/-35.473 χ^2/NDF : 3.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 70.849 $\pm$ 0.040 χ^2 /NDF: 79102.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.764 $\pm$ 0.032 χ^2 /NDF: 96663.2/5

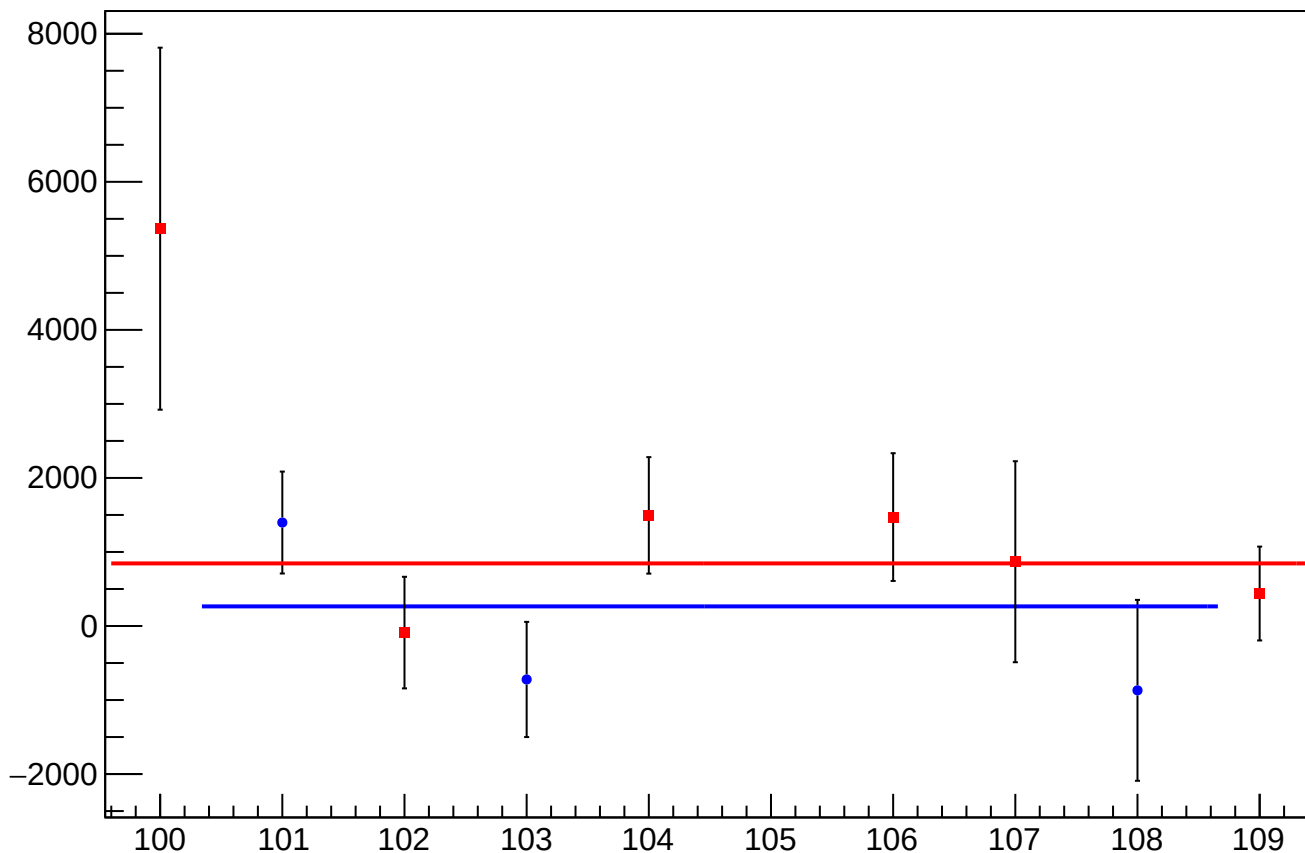
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.996 $\pm$ 0.025 χ^2 /NDF: 179394.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: 264.847 $\pm$ 475.049 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 845.509 $\pm$ 355.404 χ^2 /NDF: 6.6/5

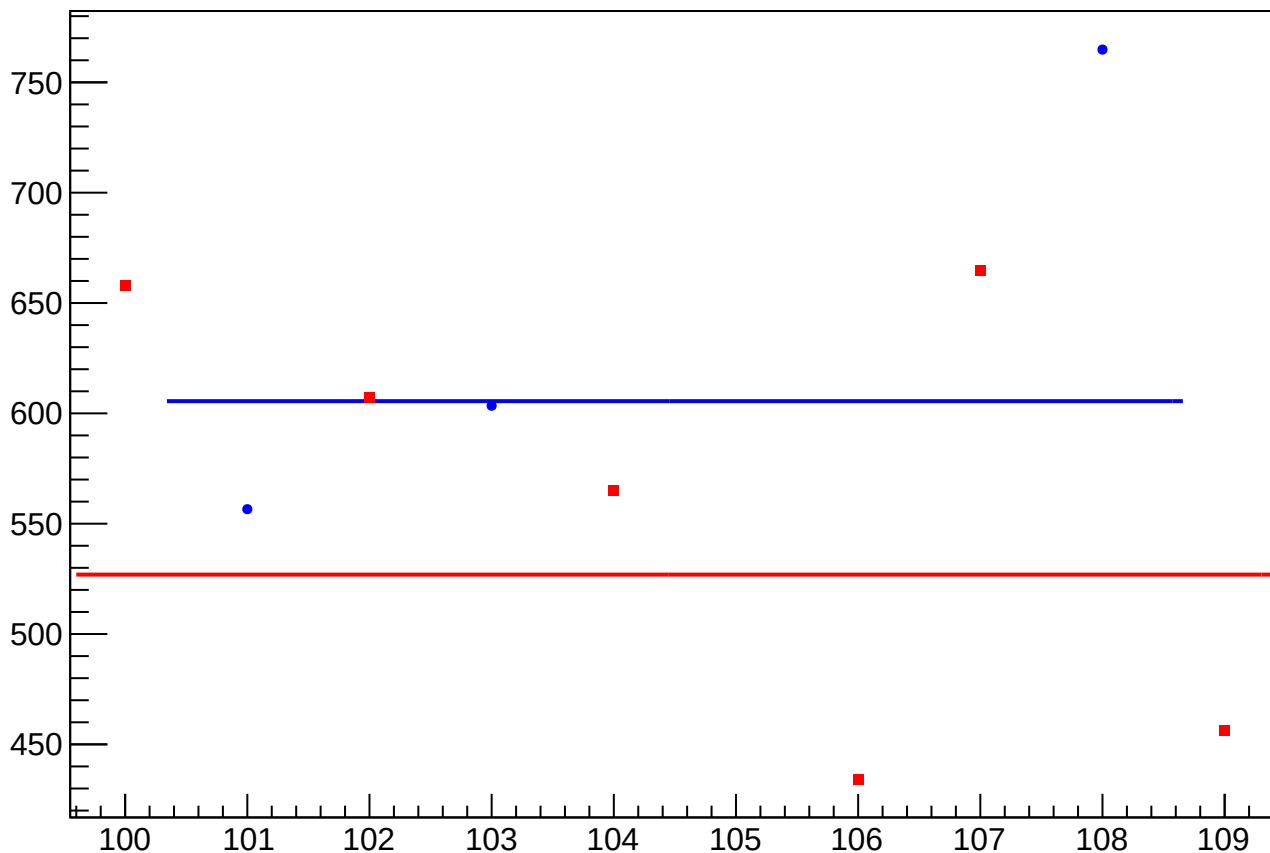
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 637.134 $\pm$ 284.577 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug



Right In: 605.527 $\pm$ 0.336 χ^2 /NDF: 44125.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 526.929 $\pm$ 0.251 χ^2 /NDF: 101772.6/5

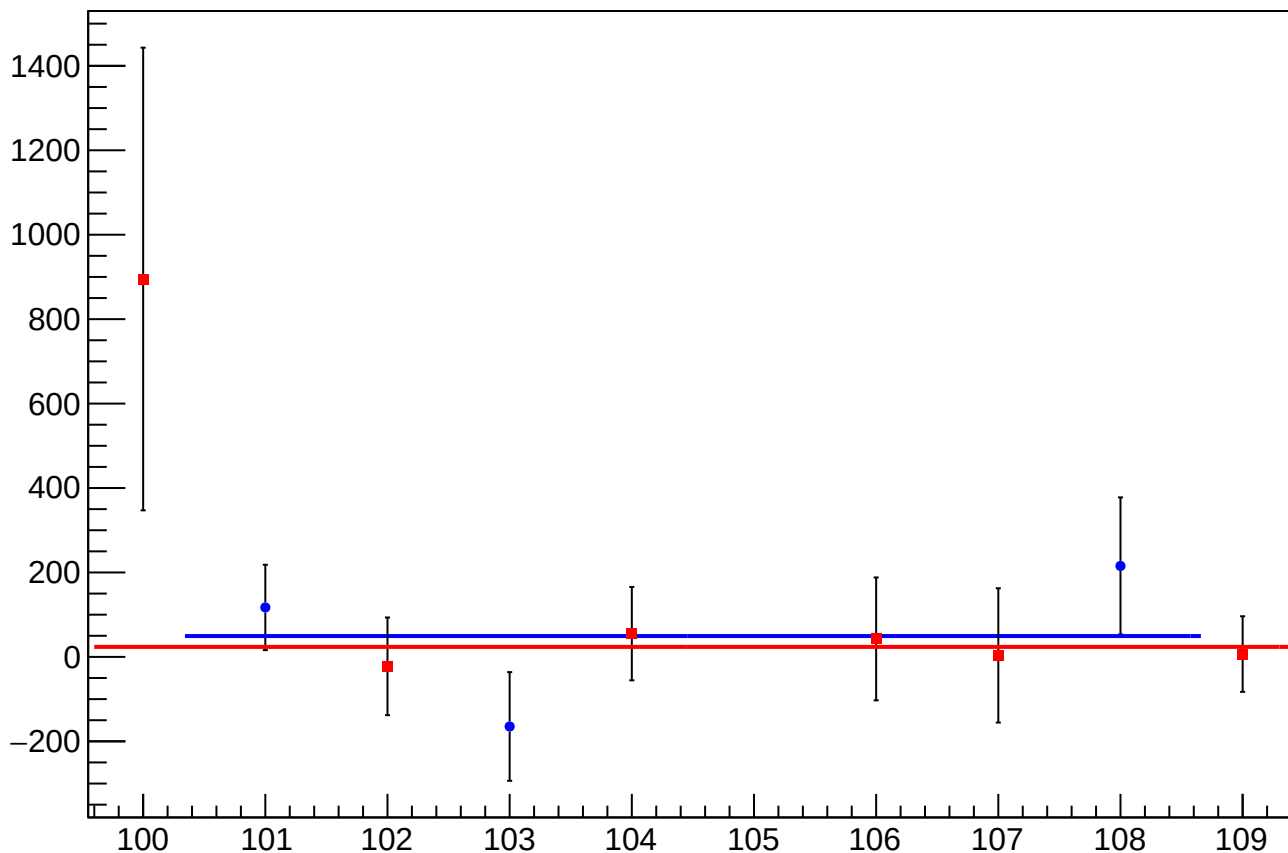
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 555.134 $\pm$ 0.201 χ^2 /NDF: 180999.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 49.372 $\pm$ 71.402 χ^2 /NDF: 4.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.696 $\pm$ 51.895 χ^2 /NDF: 2.8/5

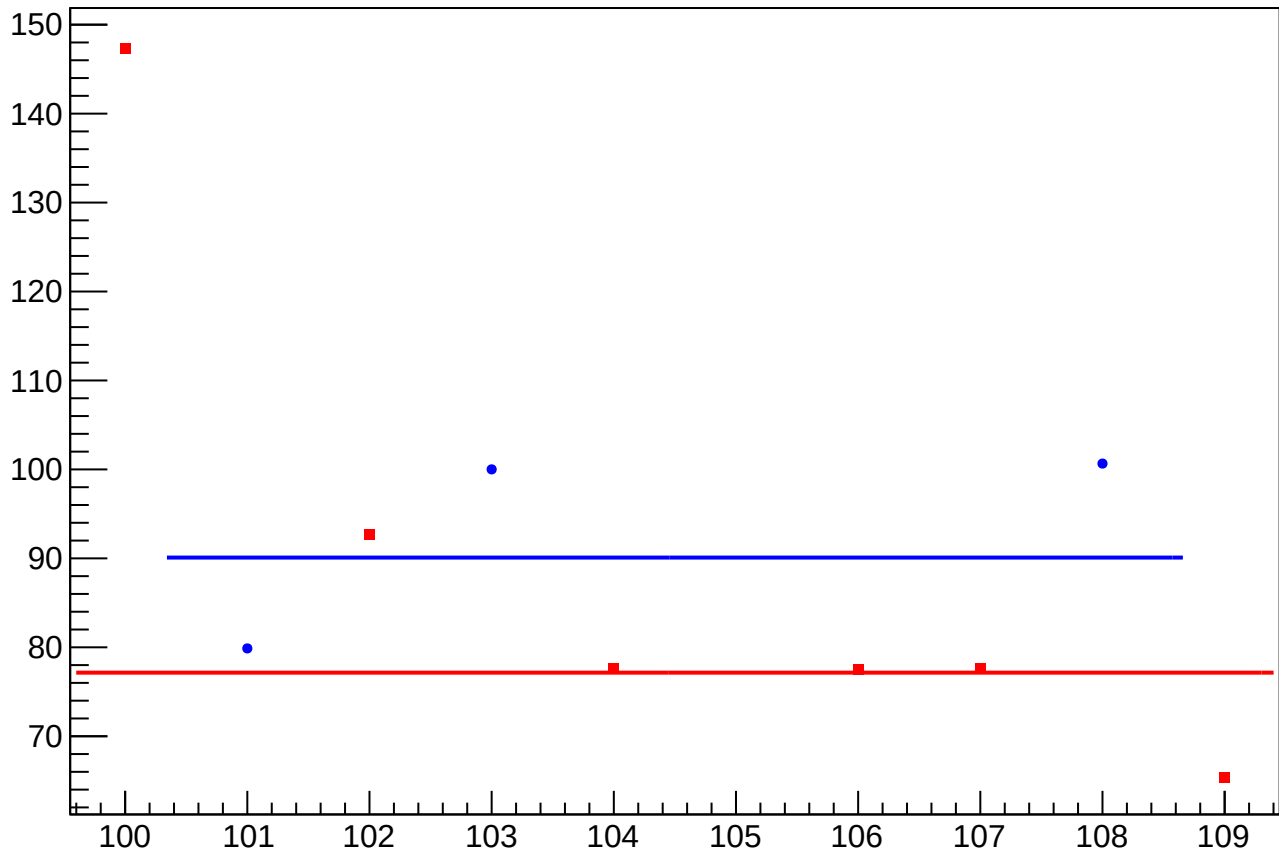
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 32.571 $\pm$ 41.979 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 90.089 $\pm$ 0.050 χ^2 /NDF: 40752.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.152 $\pm$ 0.037 χ^2 /NDF: 103405.1/5

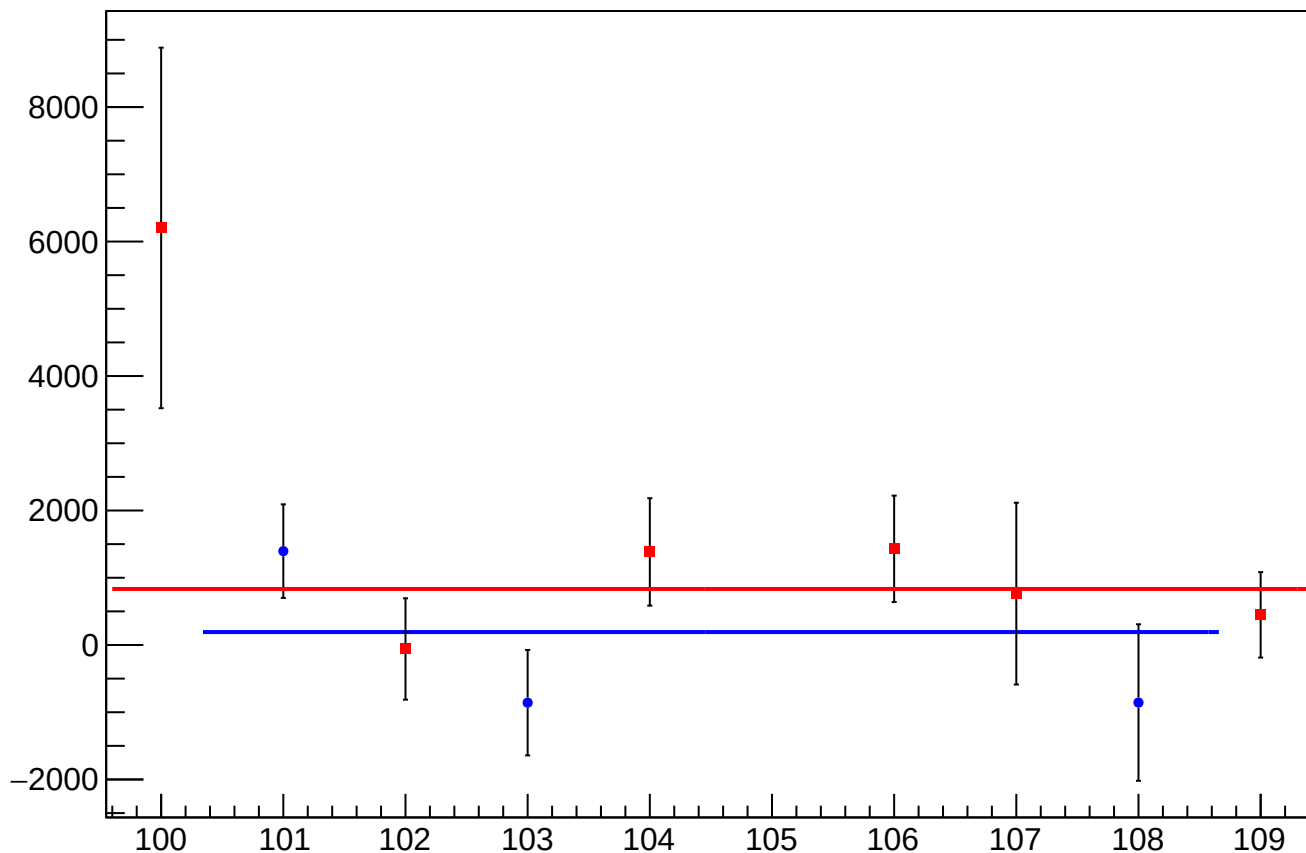
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.624 $\pm$ 0.030 χ^2 /NDF: 187119.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



Right In: 192.558 $\pm$ 475.090 χ^2 /NDF: 5.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 833.401 $\pm$ 351.631 χ^2 /NDF: 6.8/5

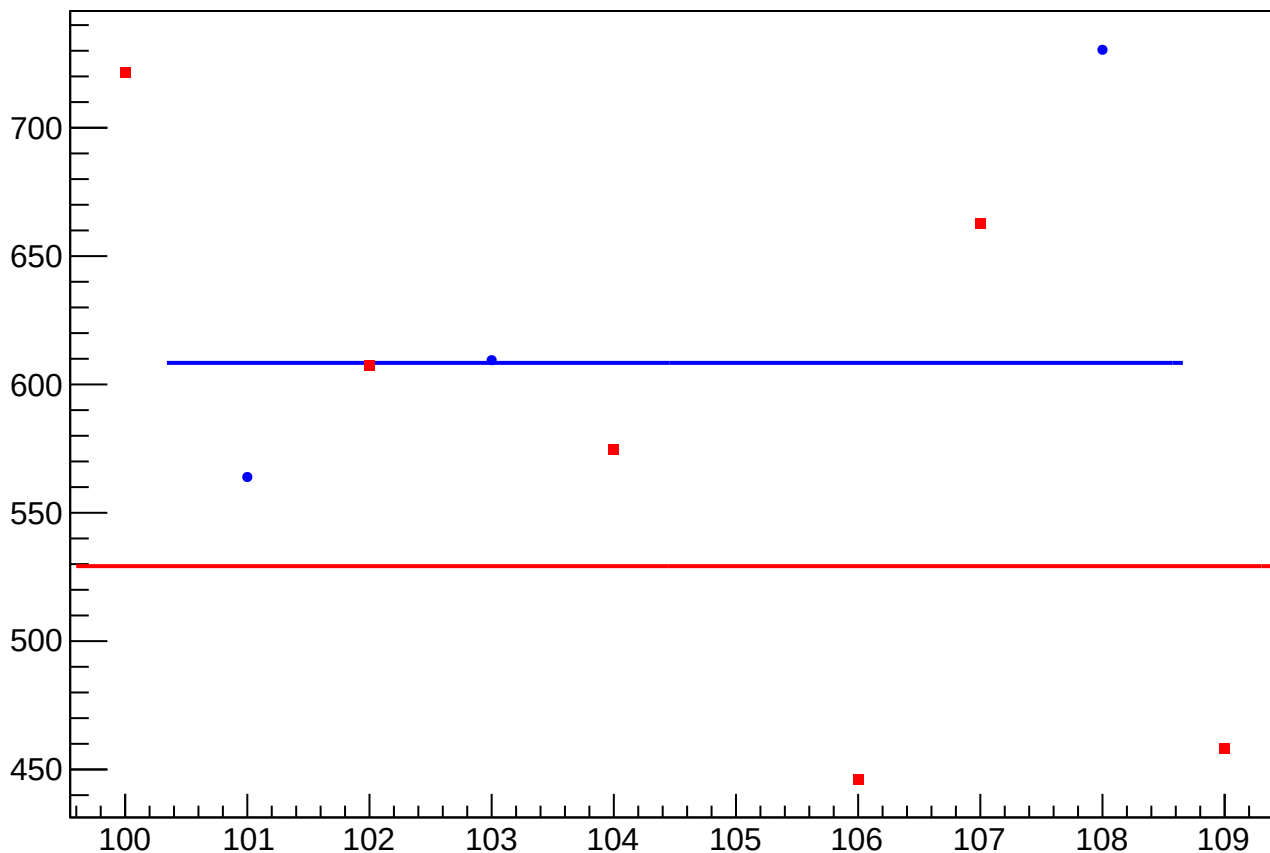
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 606.593 $\pm$ 282.637 χ^2 /NDF: 13.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_rms vs Slug



Right In: 608.405 $\pm$ 0.336 χ^2 /NDF: 30140.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 529.215 $\pm$ 0.249 χ^2 /NDF: 104932.1/5

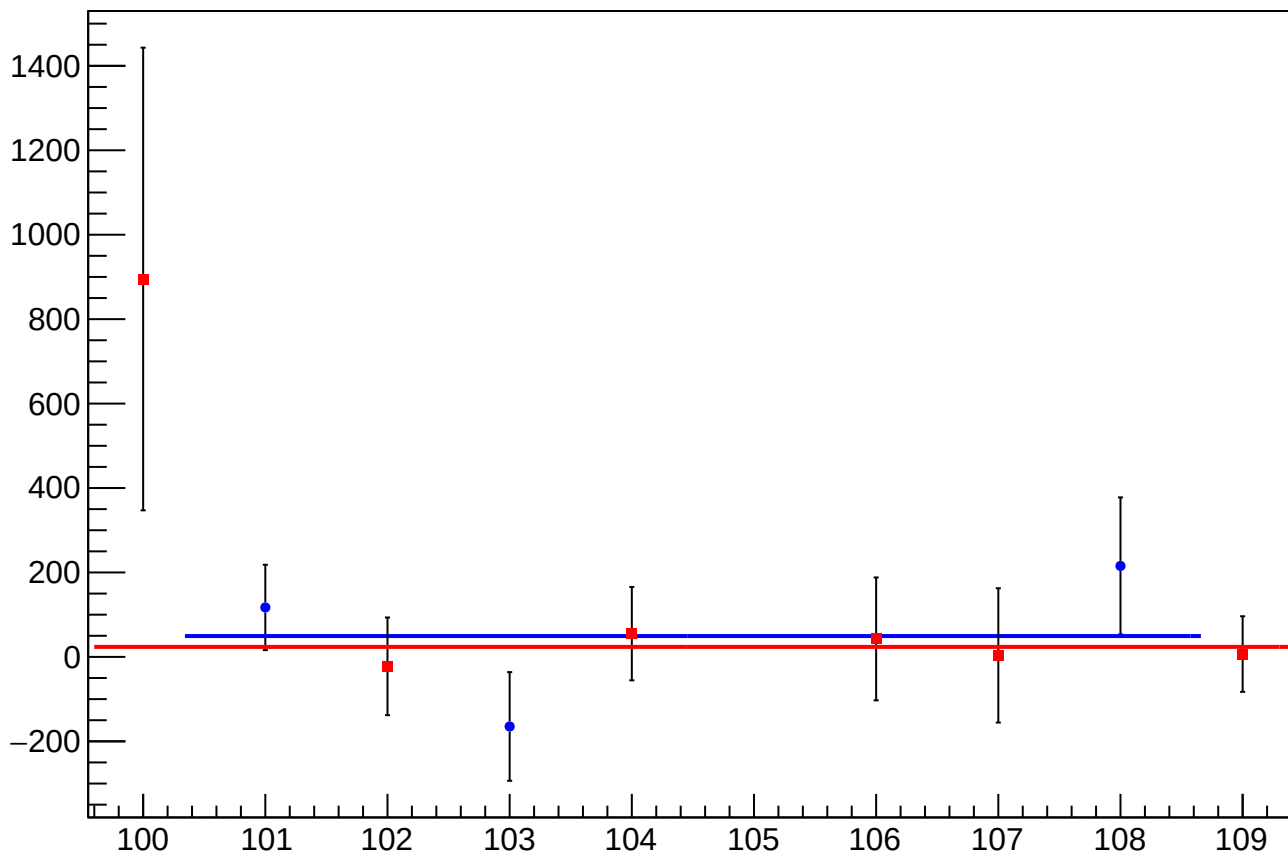
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 557.242 $\pm$ 0.200 χ^2 /NDF: 170973.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 49.371+/-71.403 χ^2/NDF : 4.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.695+/-51.895 χ^2/NDF : 2.8/5

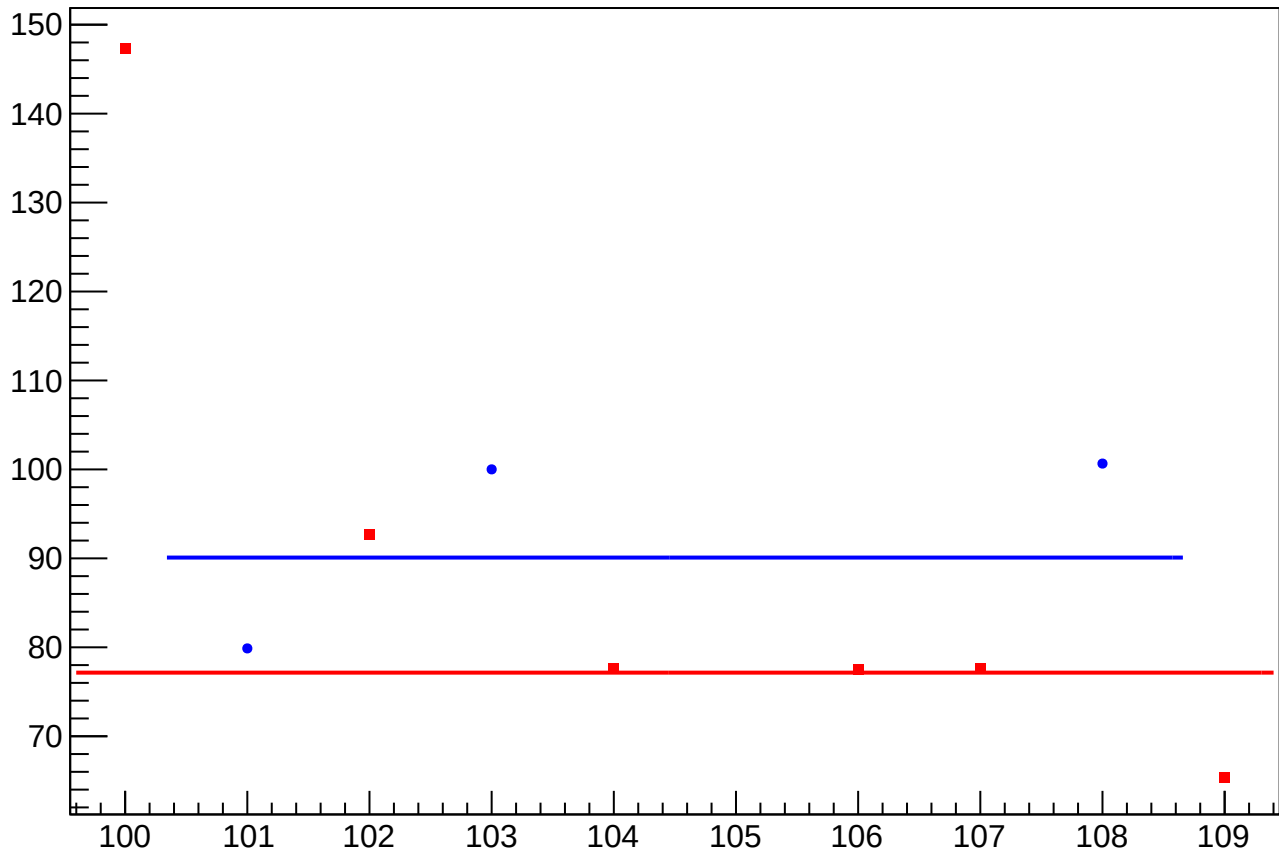
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.569+/-41.979 χ^2/NDF : 7.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 90.089 $\pm$ 0.050 χ^2 /NDF: 40752.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 77.152 $\pm$ 0.037 χ^2 /NDF: 103405.1/5

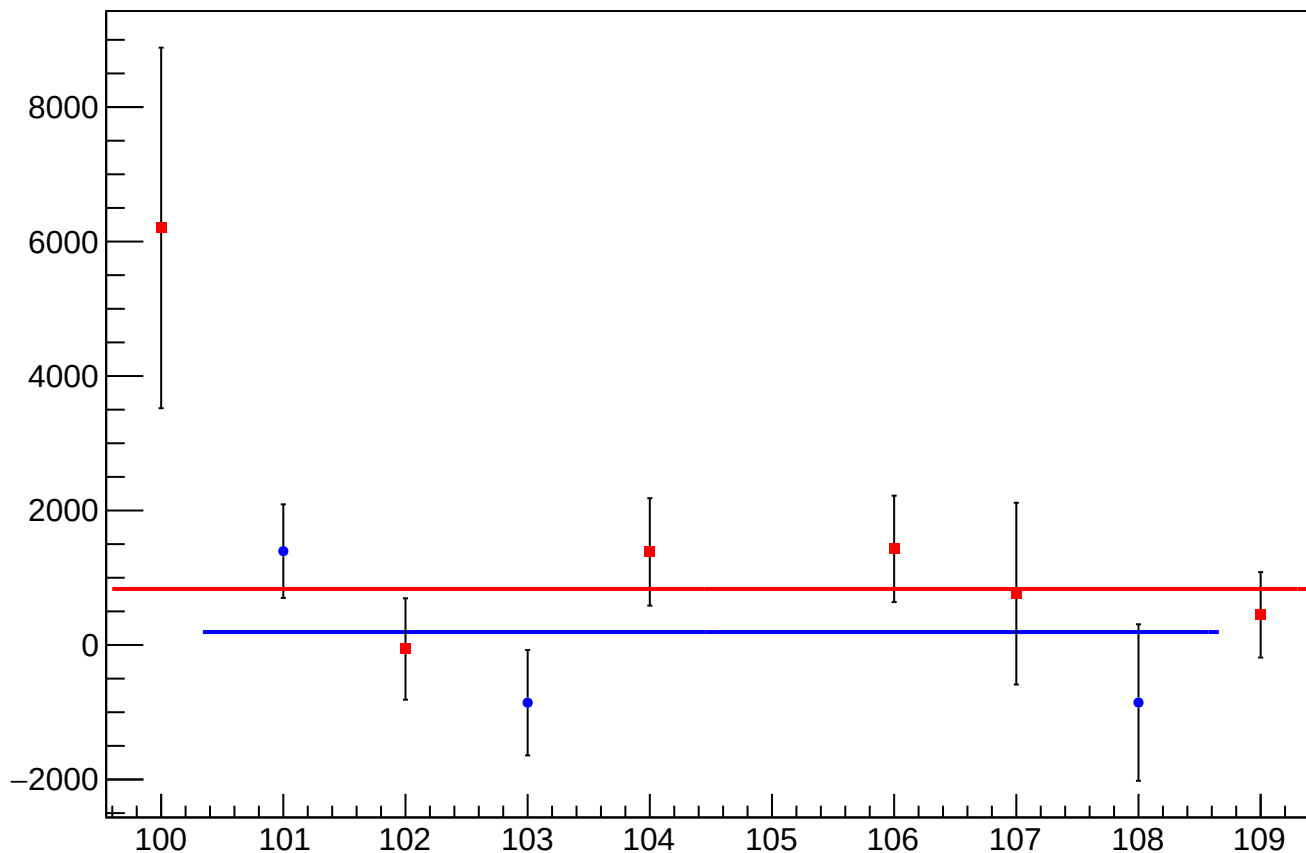
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.624 $\pm$ 0.030 χ^2 /NDF: 187120.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug



Right In: 192.558 $\pm$ 475.089 χ^2 /NDF: 5.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 833.400 $\pm$ 351.630 χ^2 /NDF: 6.8/5

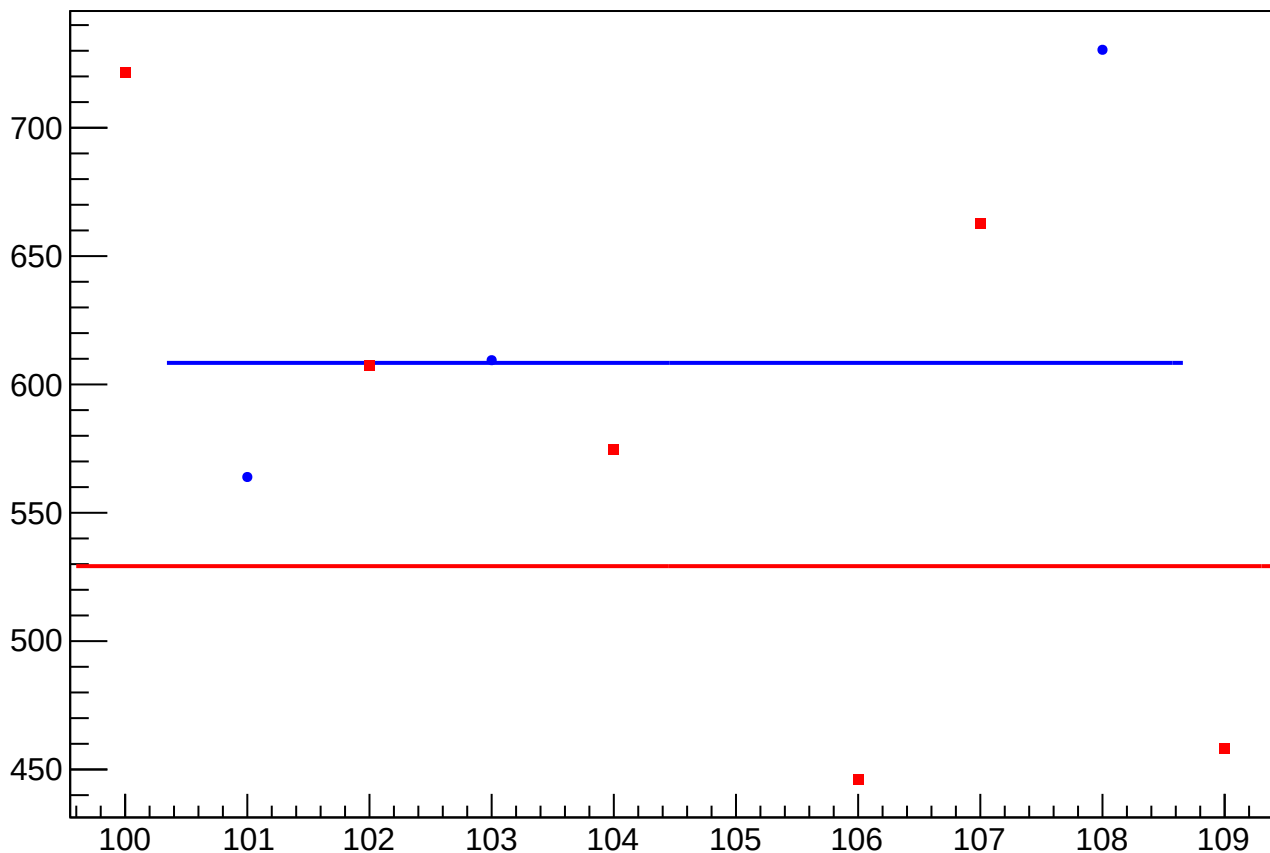
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 606.592 $\pm$ 282.637 χ^2 /NDF: 13.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug



Right In: 608.404 $\pm$ 0.336 χ^2 /NDF: 30140.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 529.214 $\pm$ 0.249 χ^2 /NDF: 104933.0/5

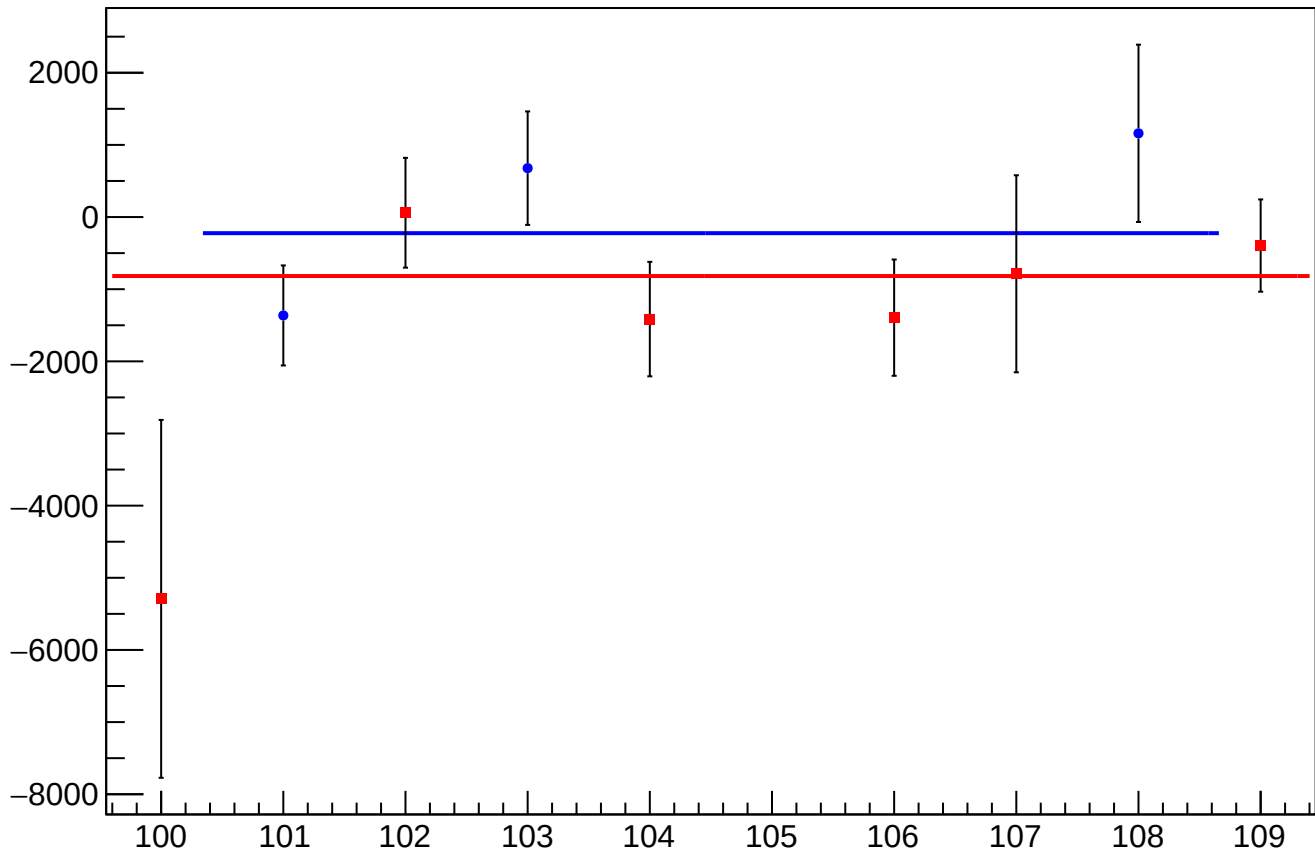
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 557.241 $\pm$ 0.200 χ^2 /NDF: 170974.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_mean vs Slug



Right In: -223.462 $\pm$ 478.870 χ^2 /NDF: 5.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -817.636 $\pm$ 353.560 χ^2 /NDF: 6.1/5

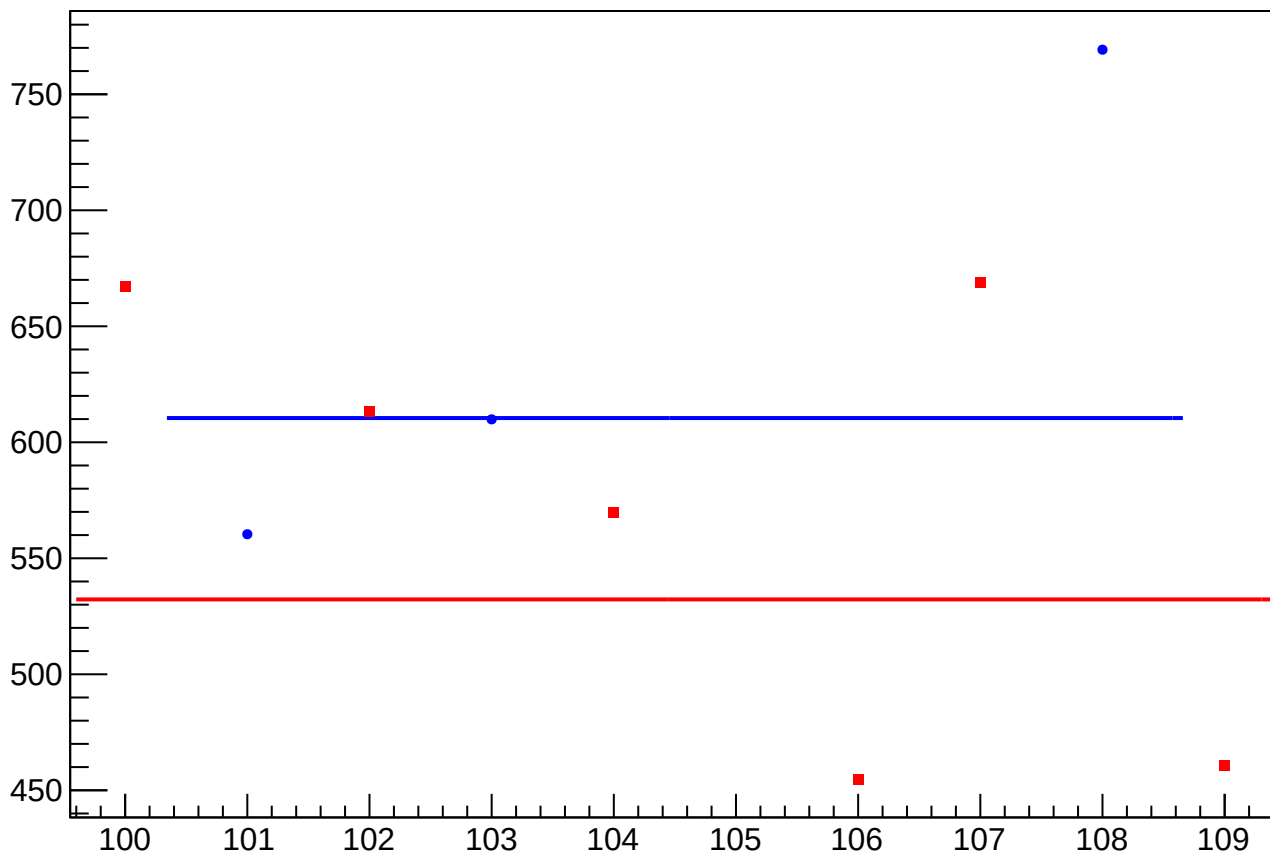
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -608.011 $\pm$ 284.435 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 610.447 $\pm$ 0.339 χ^2 /NDF: 43829.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 532.268 $\pm$ 0.250 χ^2 /NDF: 96529.4/5

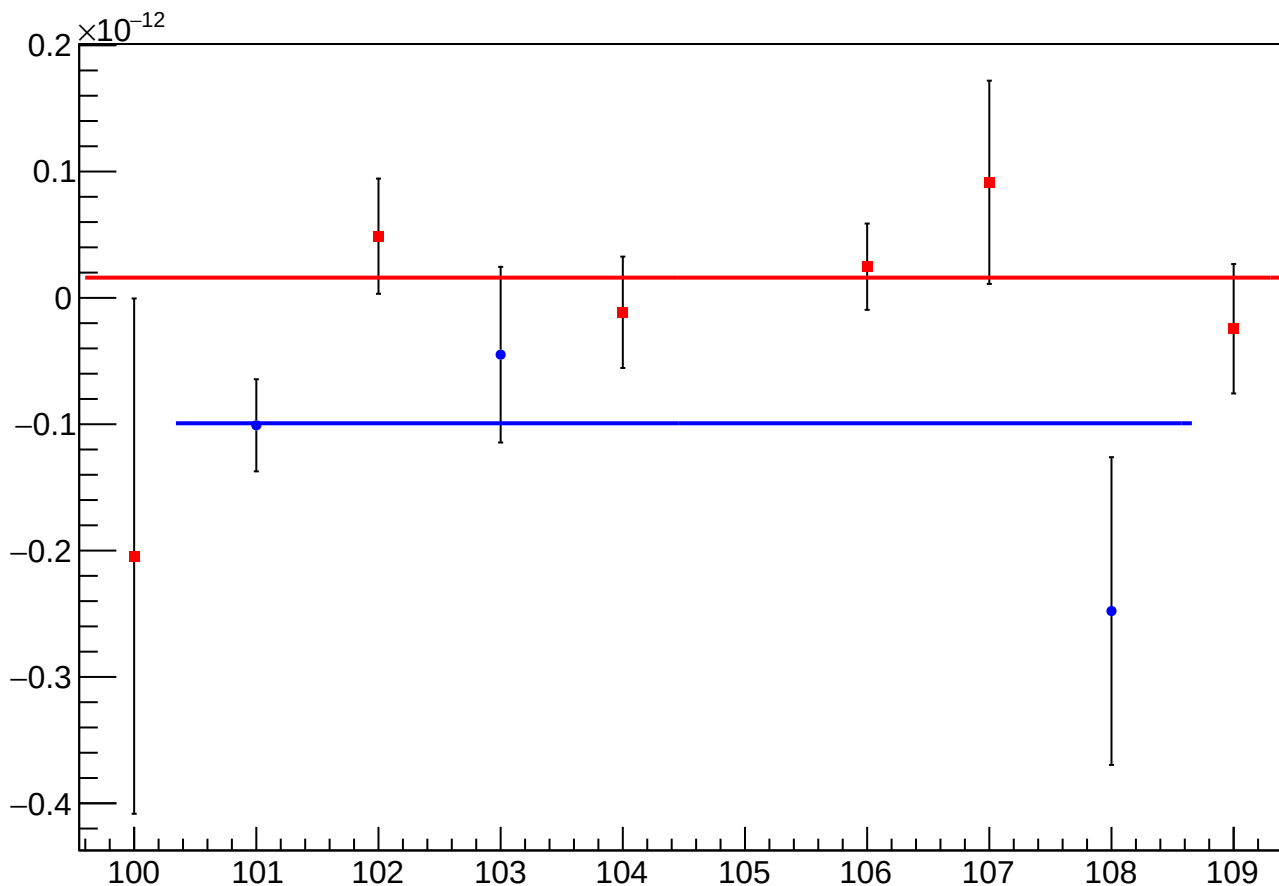
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 559.850 $\pm$ 0.201 χ^2 /NDF: 174858.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.6/5

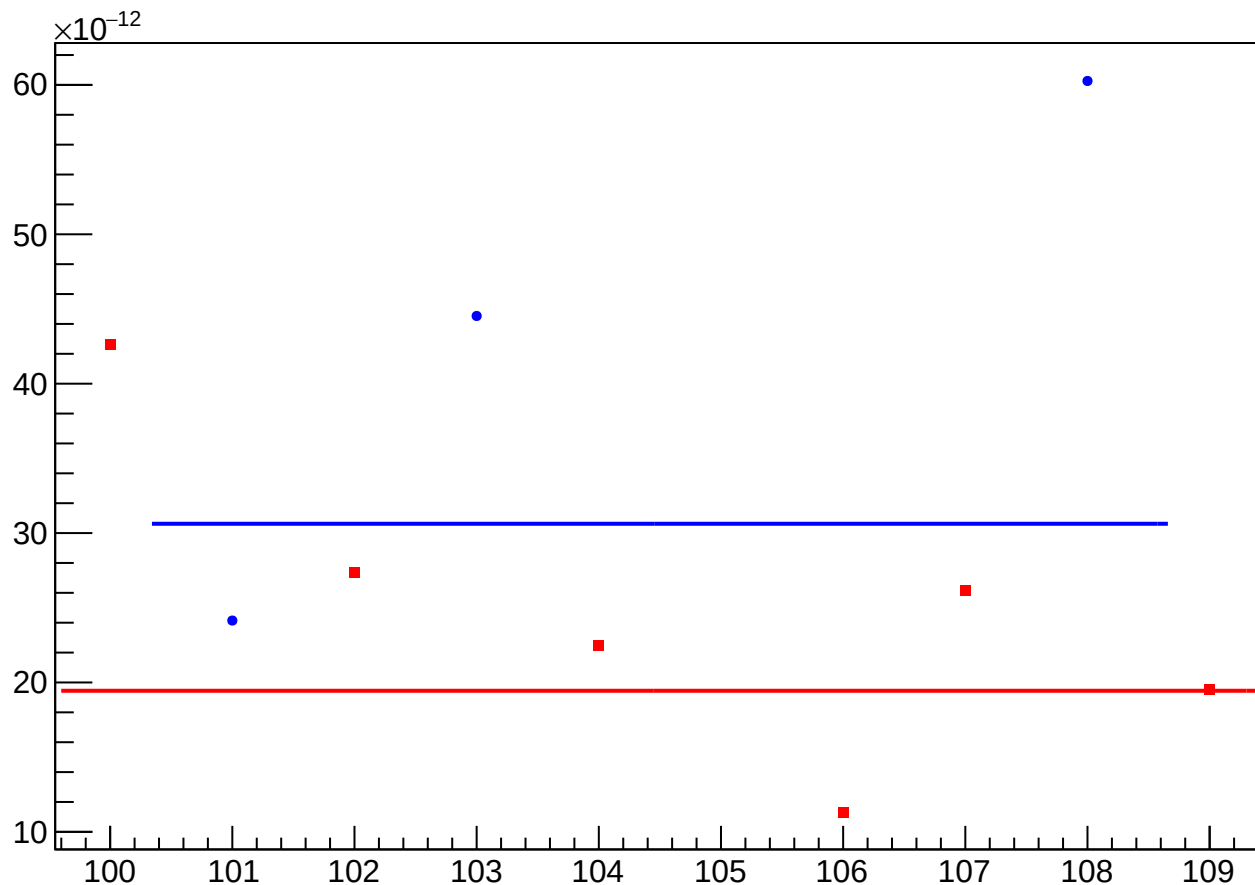
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 261739.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 223239.2/5

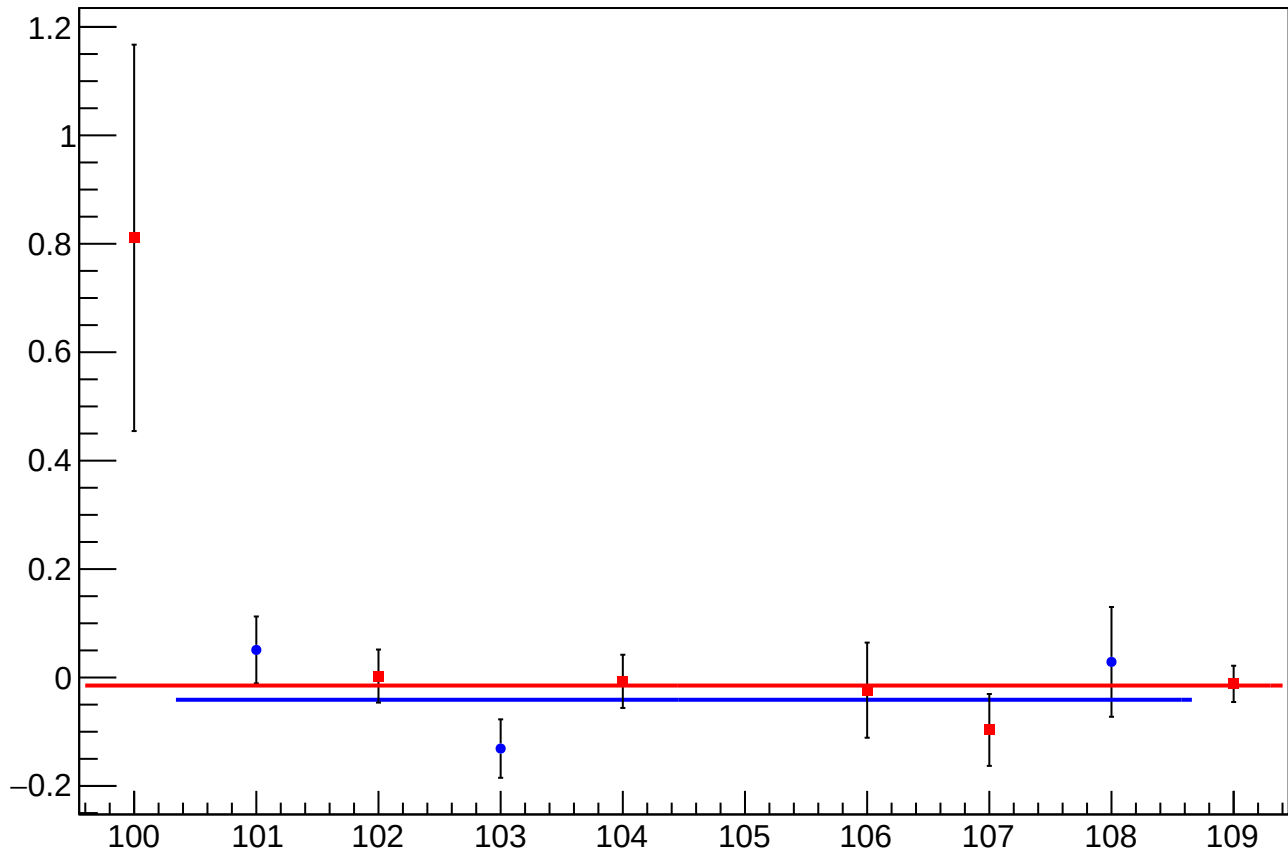
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 665041.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.015 $\pm$ 0.022 χ^2 /NDF: 7.1/5

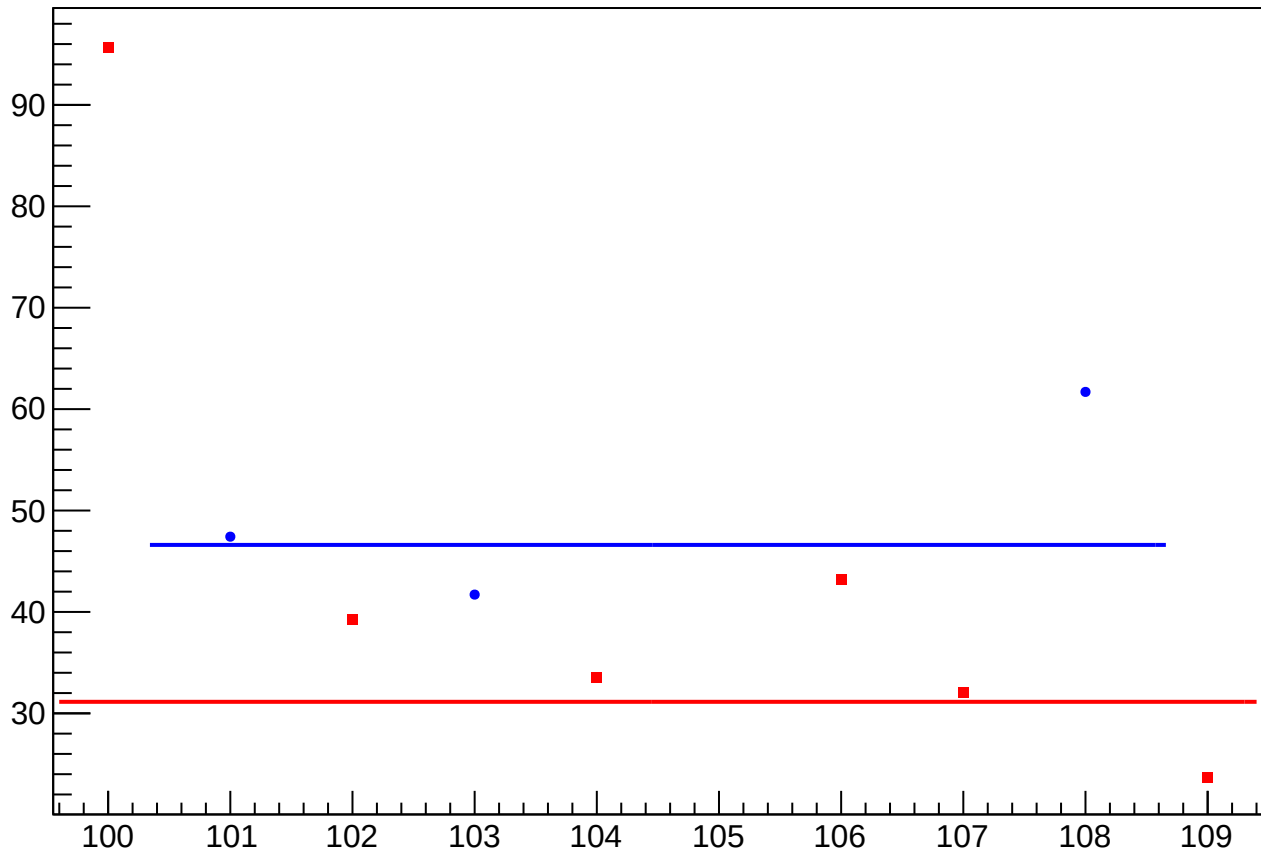
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.019 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61301.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.137 $\pm$ 0.015 χ^2 /NDF: 263485.7/5

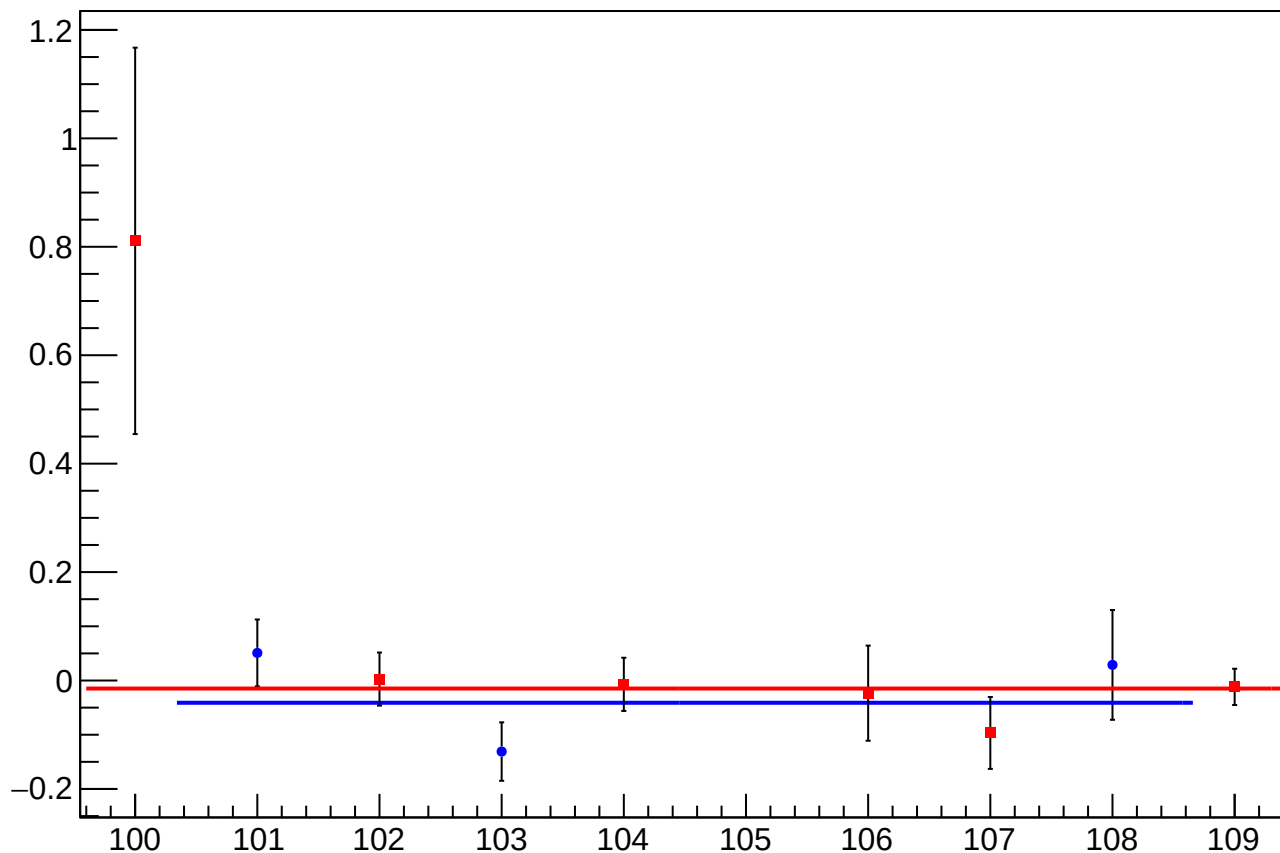
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.036 $\pm$ 0.013 χ^2 /NDF: 577125.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.015 $\pm$ 0.022 χ^2 /NDF: 7.1/5

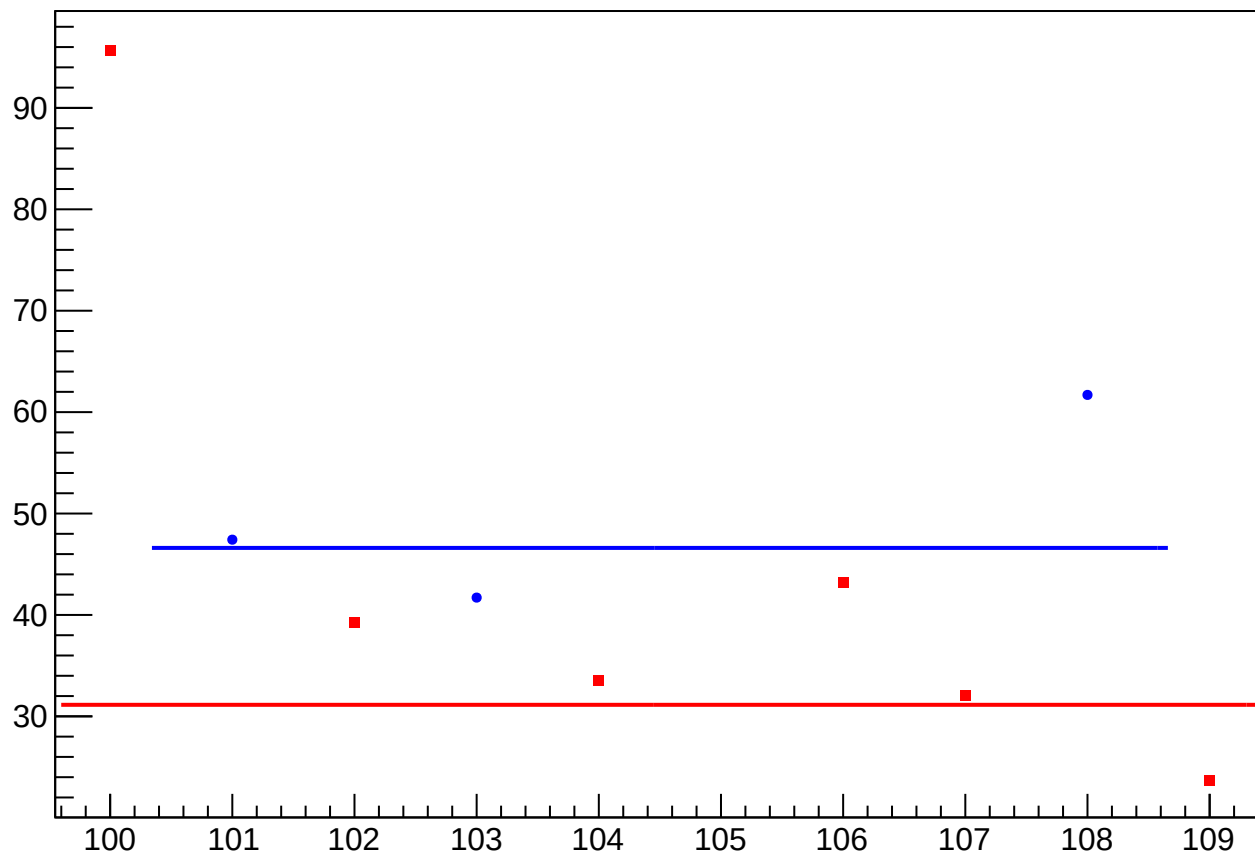
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.019 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61301.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.137 $\pm$ 0.015 χ^2 /NDF: 263485.7/5

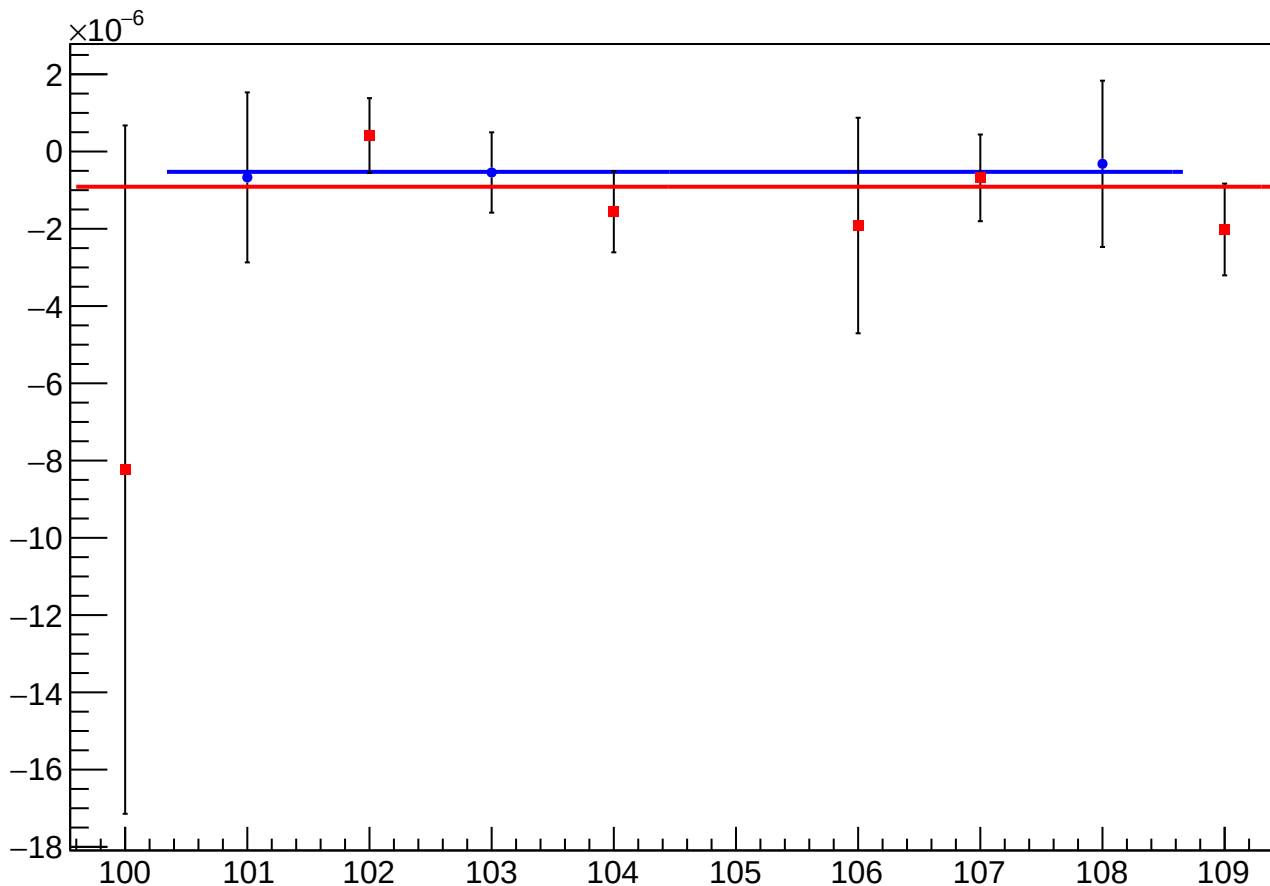
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.036 $\pm$ 0.013 χ^2 /NDF: 577125.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.0/5

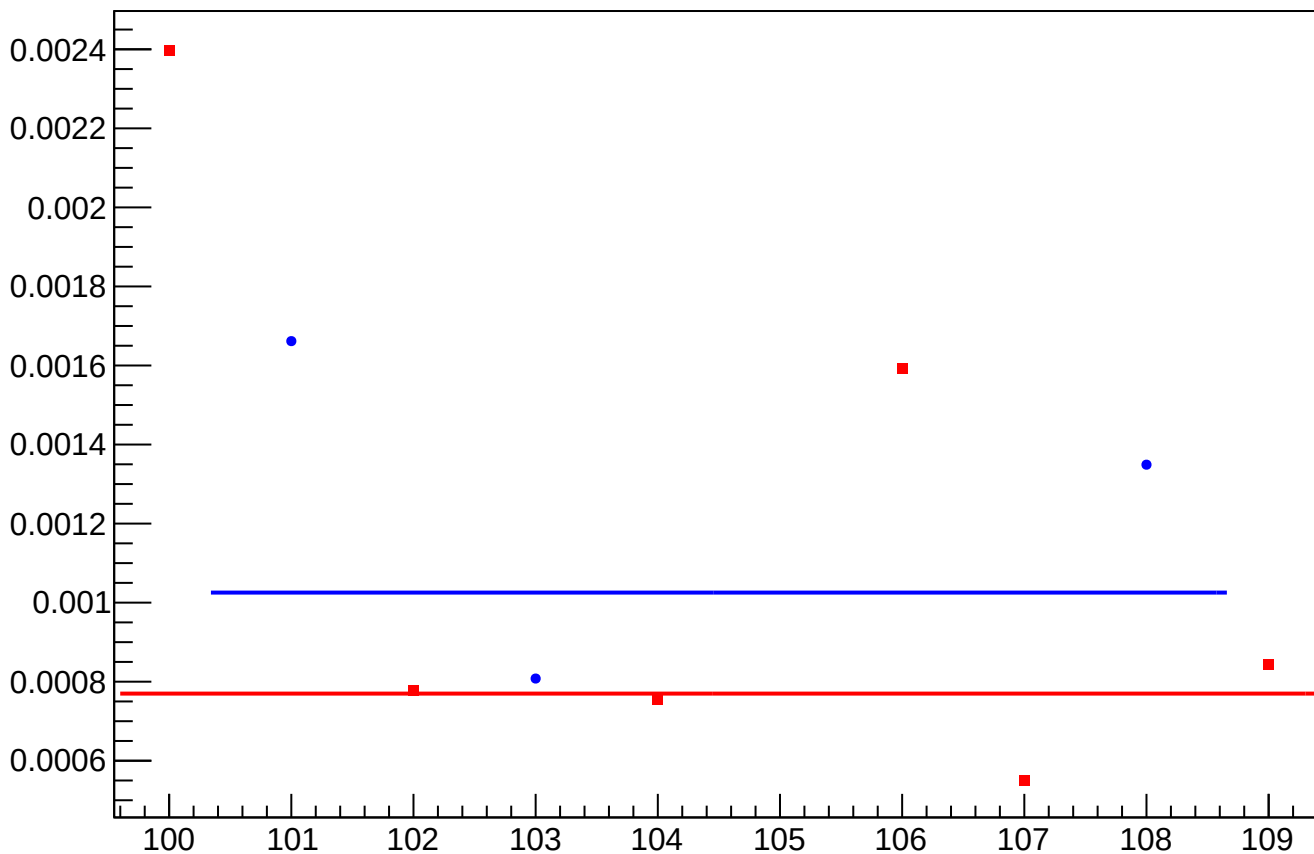
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 299904.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 325548.3/5

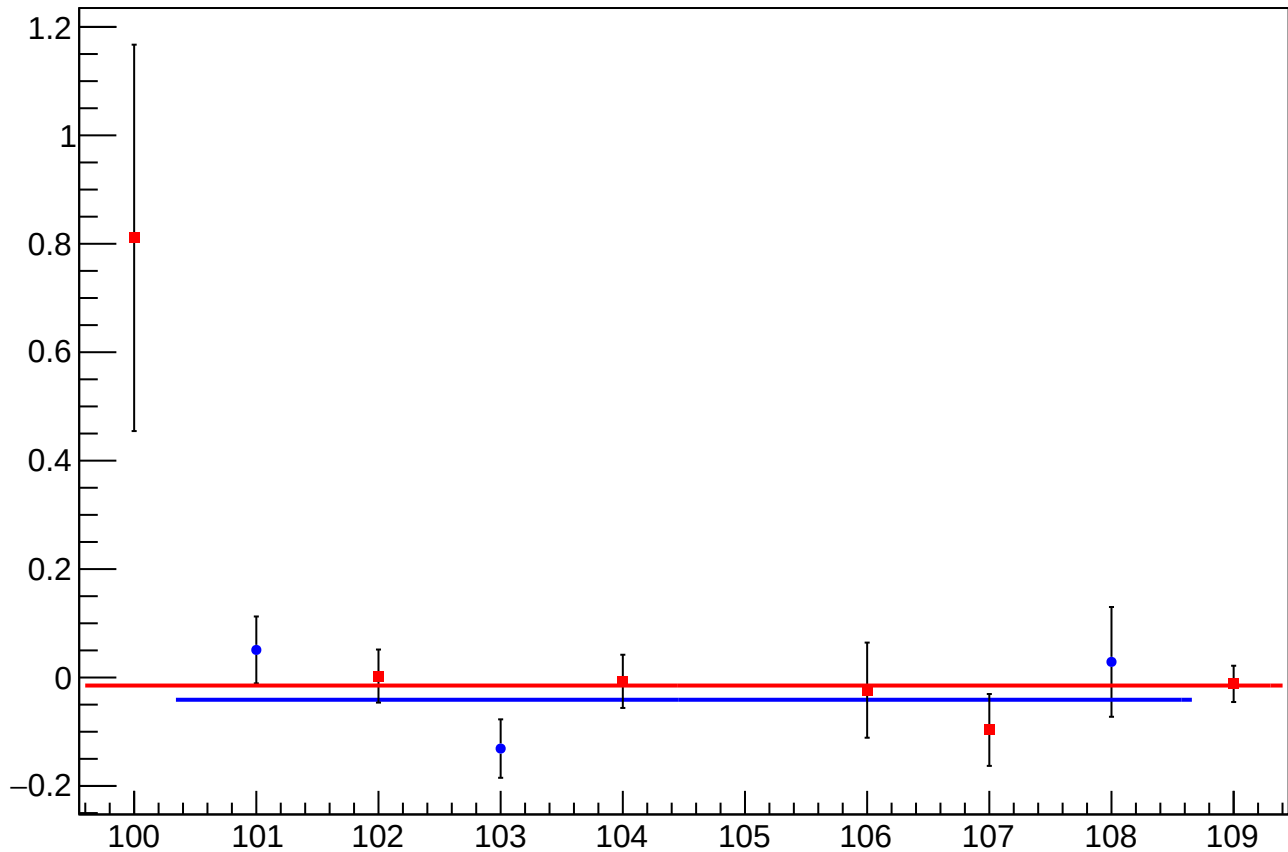
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 753679.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.041 ± 0.038 χ^2/NDF : 5.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.022 χ^2/NDF : 7.1/5

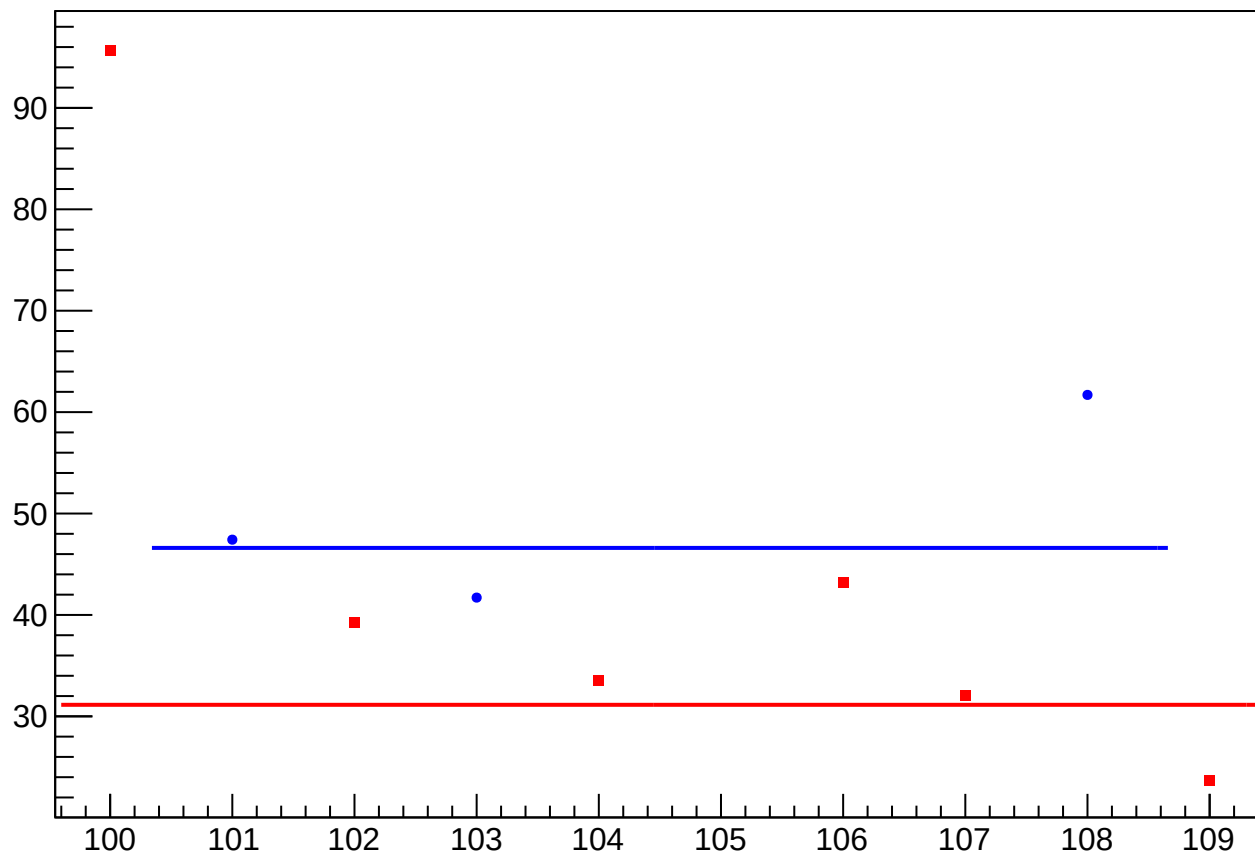
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.019 χ^2/NDF : 12.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61303.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.137 $\pm$ 0.015 χ^2 /NDF: 263491.3/5

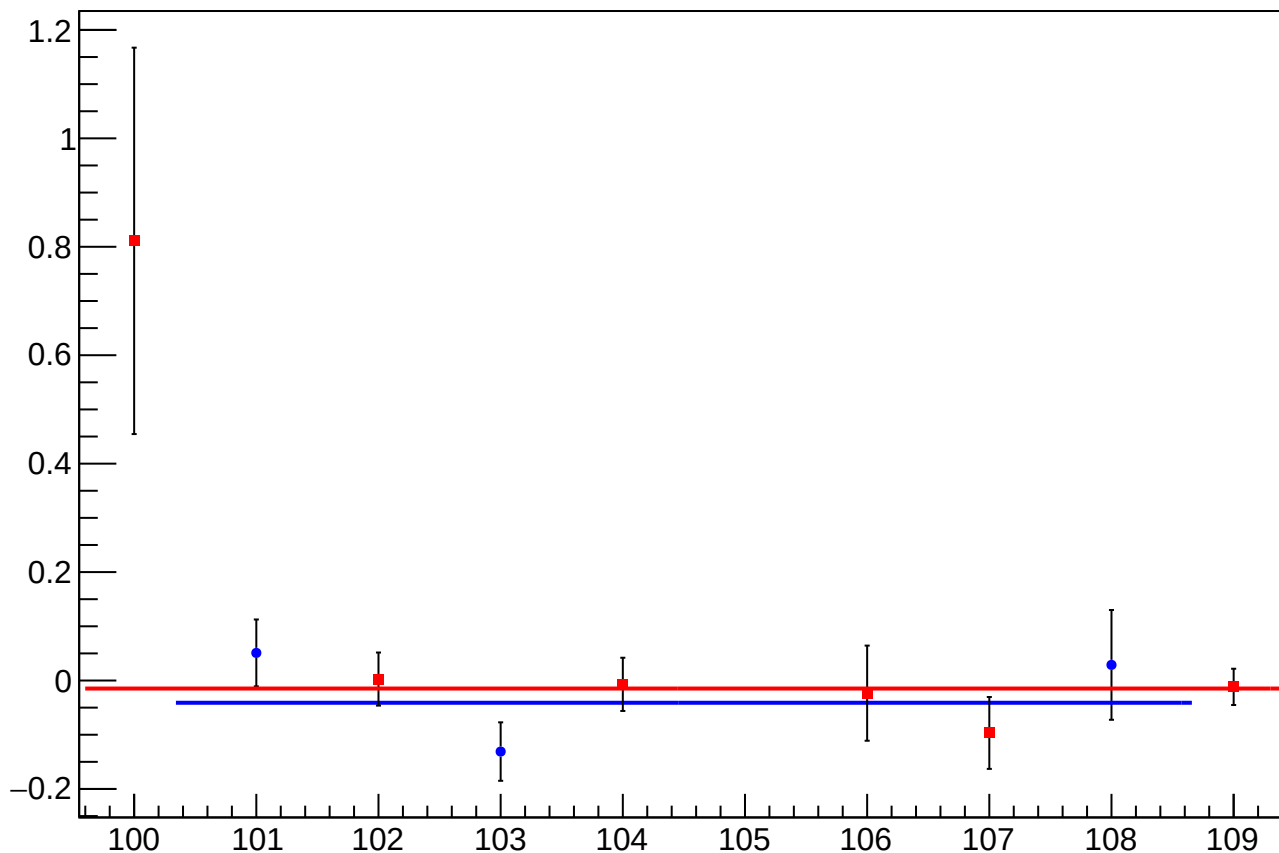
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.036 $\pm$ 0.013 χ^2 /NDF: 577137.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.041 $\pm$ 0.038 χ^2 /NDF: 5.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.015 $\pm$ 0.022 χ^2 /NDF: 7.1/5

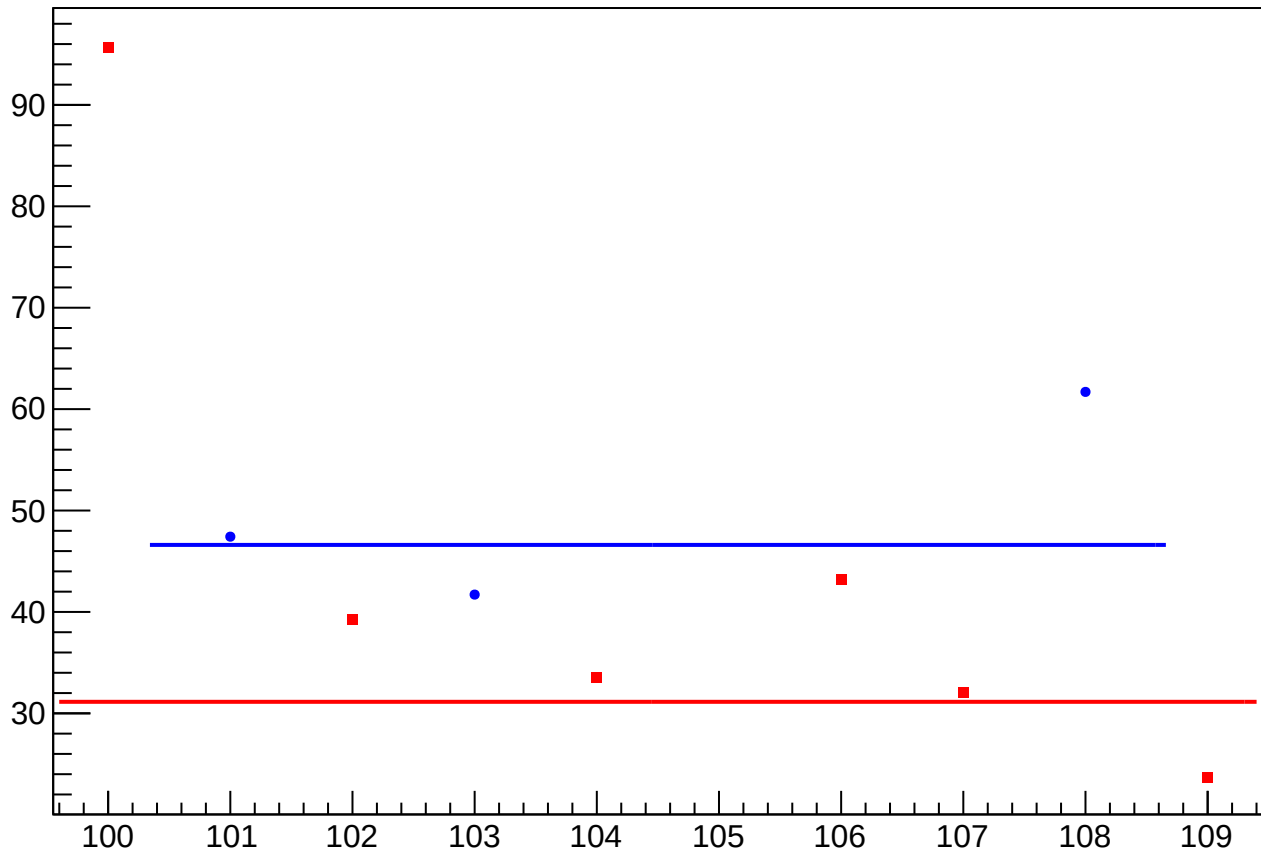
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.021 $\pm$ 0.019 χ^2 /NDF: 12.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 46.610 $\pm$ 0.027 χ^2 /NDF: 61303.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.137 $\pm$ 0.015 χ^2 /NDF: 263491.3/5

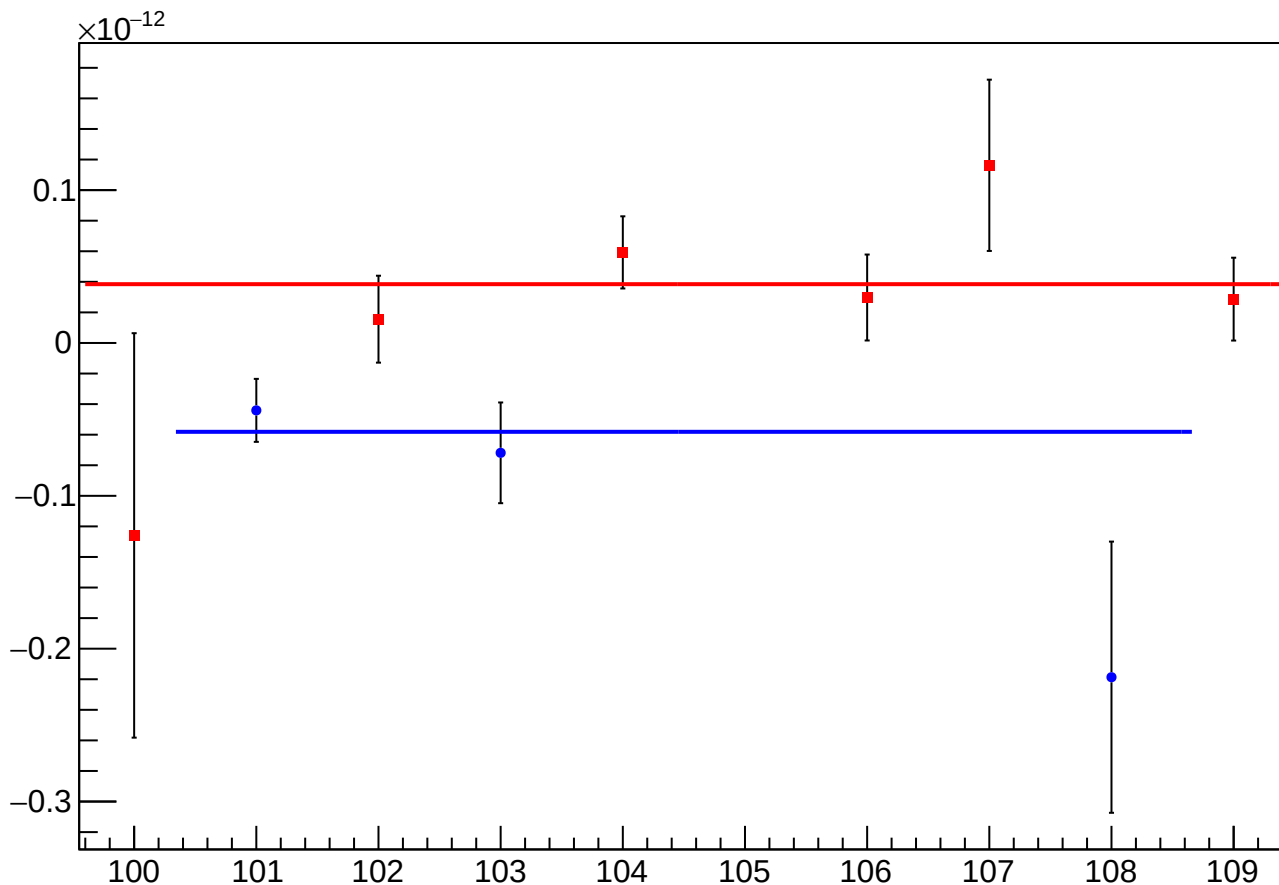
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.036 $\pm$ 0.013 χ^2 /NDF: 577137.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.1/5

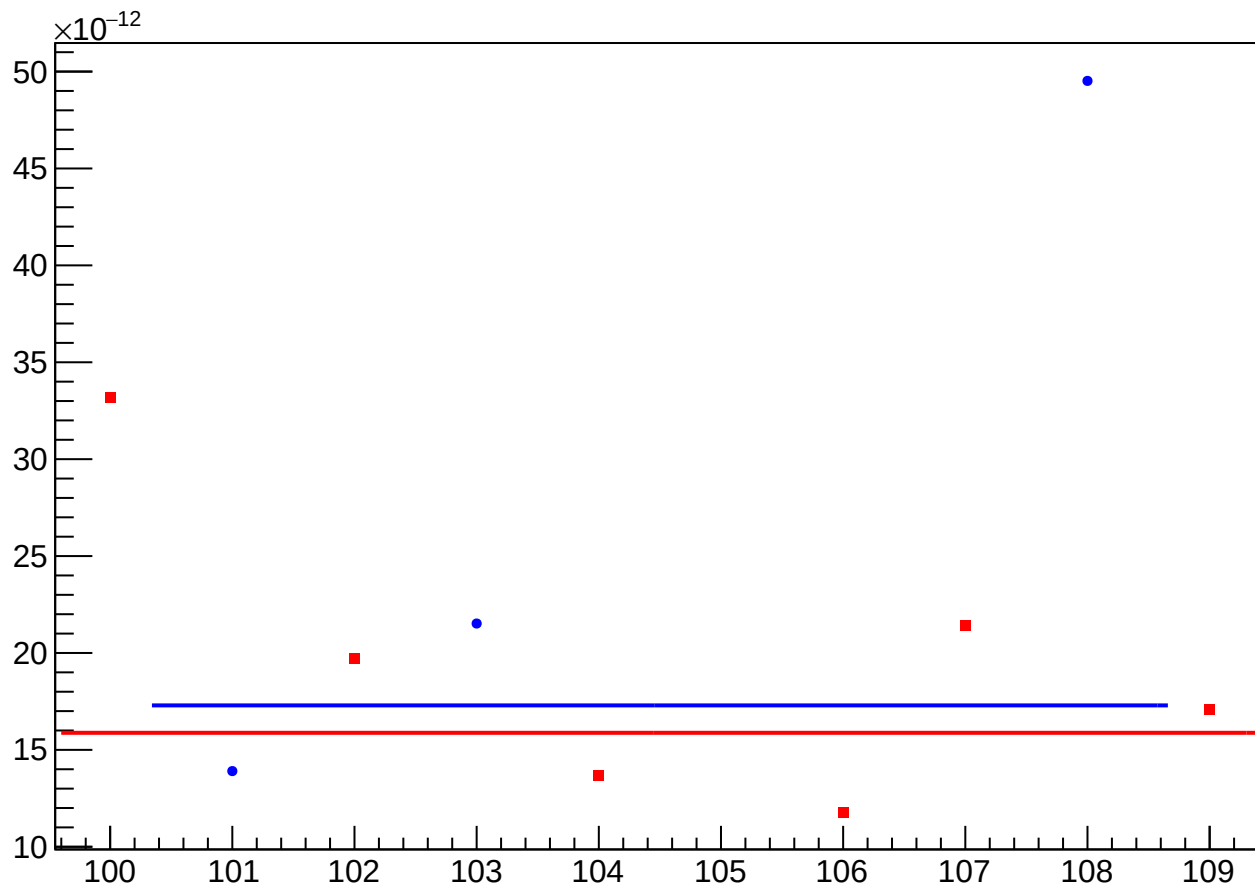
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 350938.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 153858.1/5

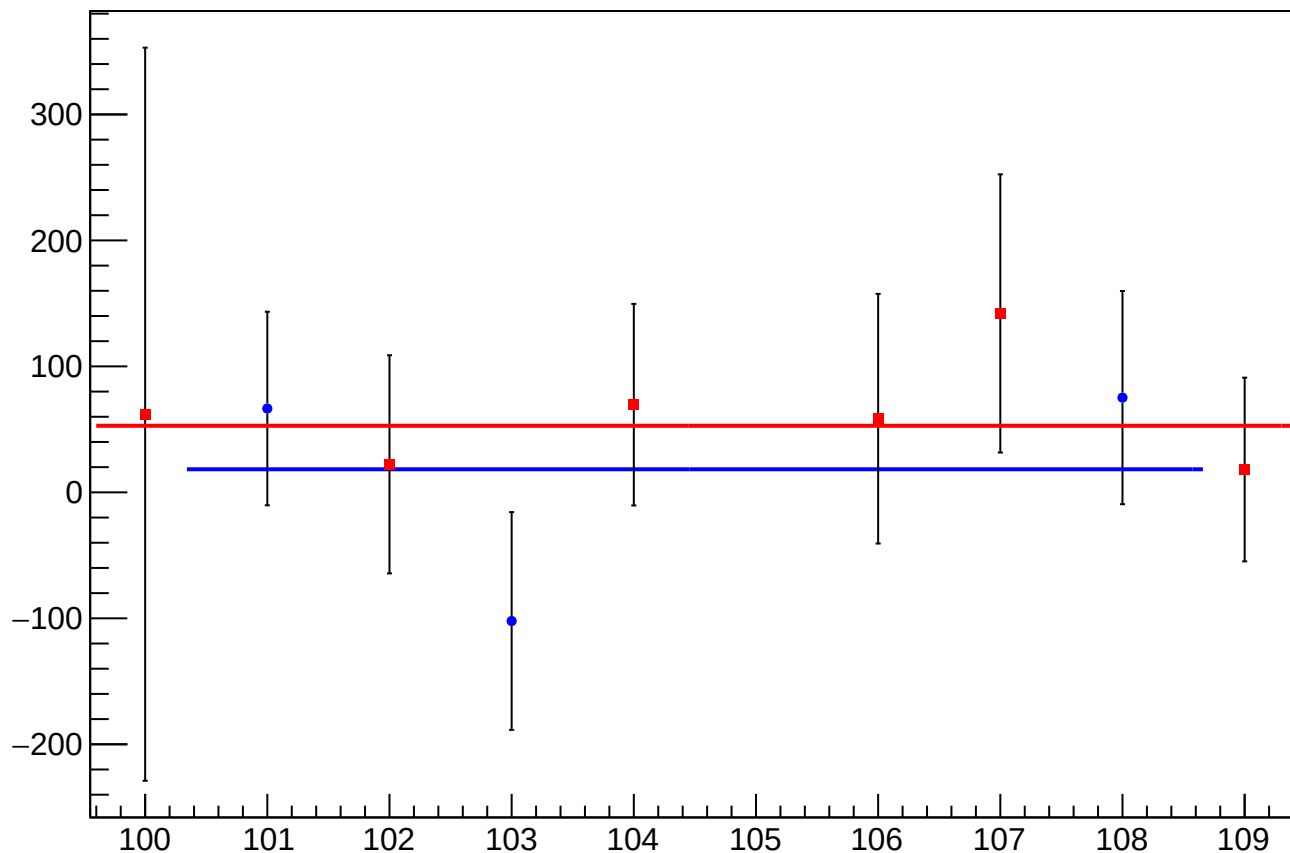
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 513502.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 18.308 $\pm$ 47.520 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.847 $\pm$ 38.537 χ^2 /NDF: 1.1/5

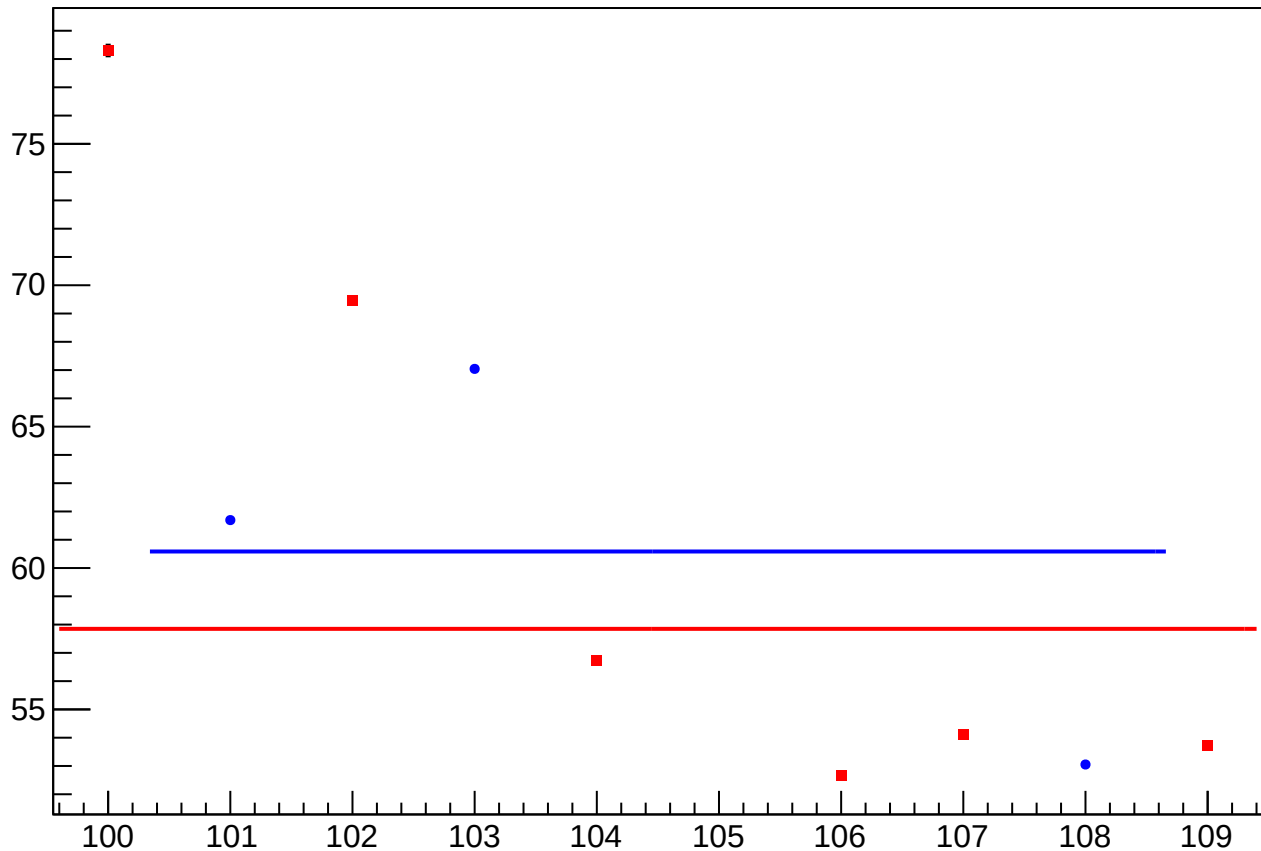
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.144 $\pm$ 29.932 χ^2 /NDF: 4.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 60.585+/-0.034 χ^2/NDF : 27431.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.849+/-0.027 χ^2/NDF : 60333.2/5

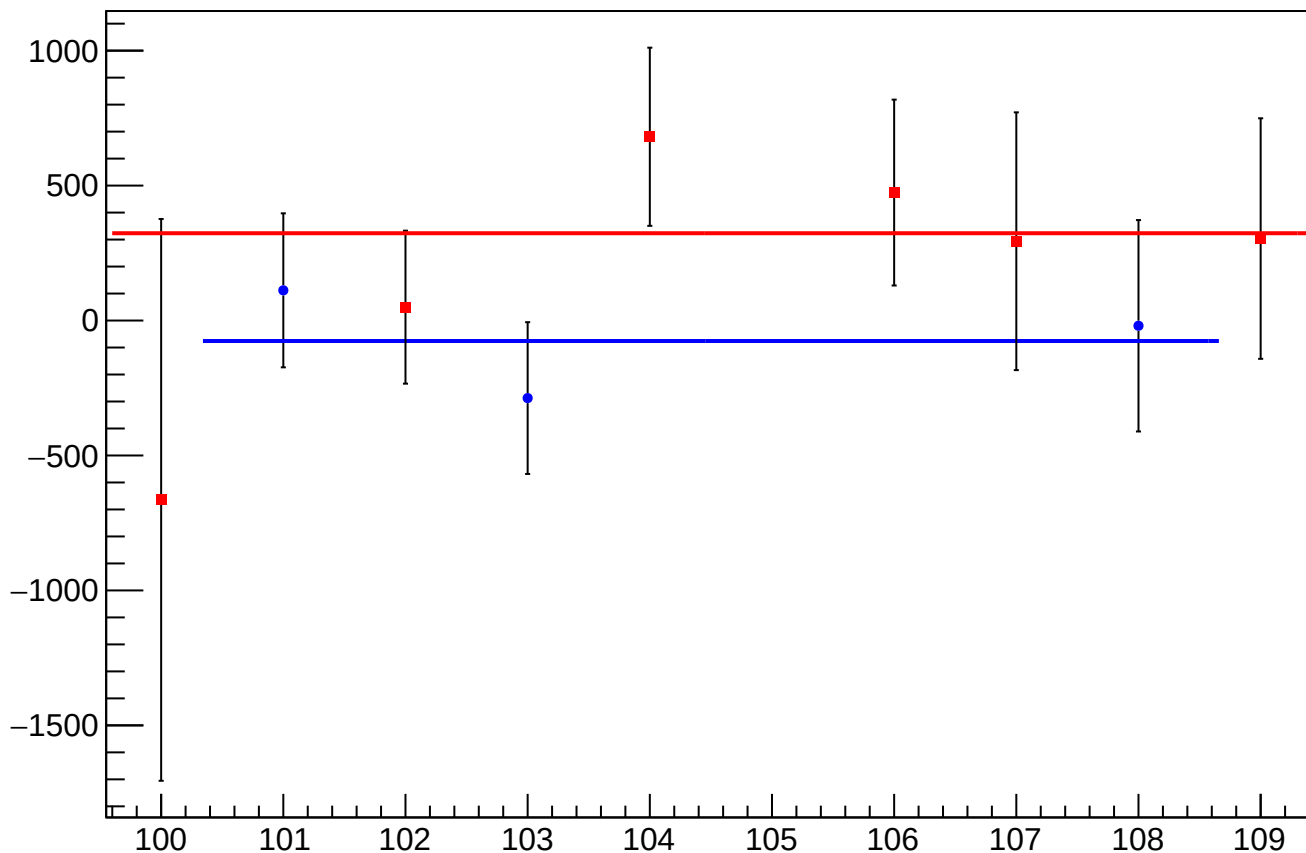
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.934+/-0.021 χ^2/NDF : 91763.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: -75.855 ± 178.307 $\chi^2/\text{NDF}: 1.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 323.496 ± 157.318 $\chi^2/\text{NDF}: 3.2/5$

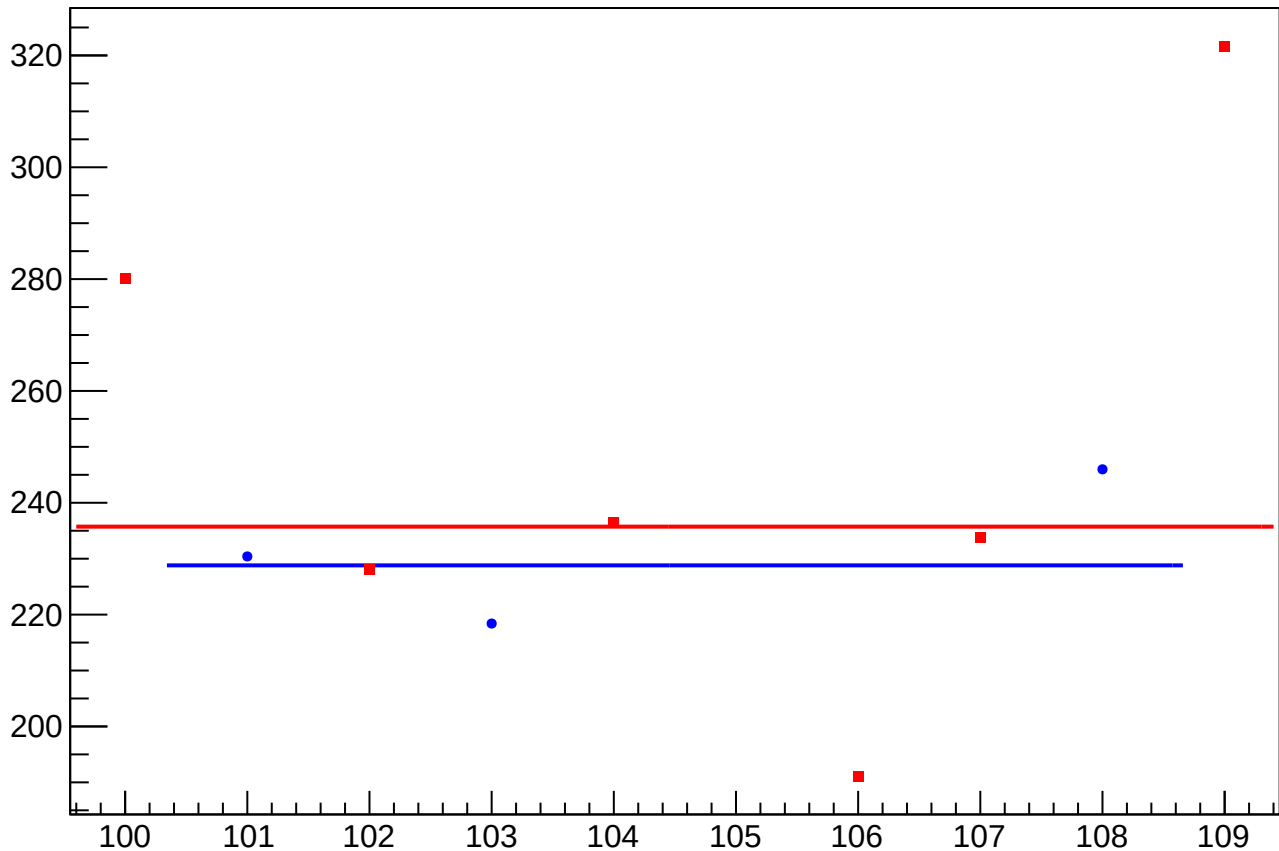
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 148.698 ± 117.967 $\chi^2/\text{NDF}: 7.0/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 228.806+/-0.126 χ^2/NDF : 6647.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.733+/-0.111 χ^2/NDF : 113088.3/5

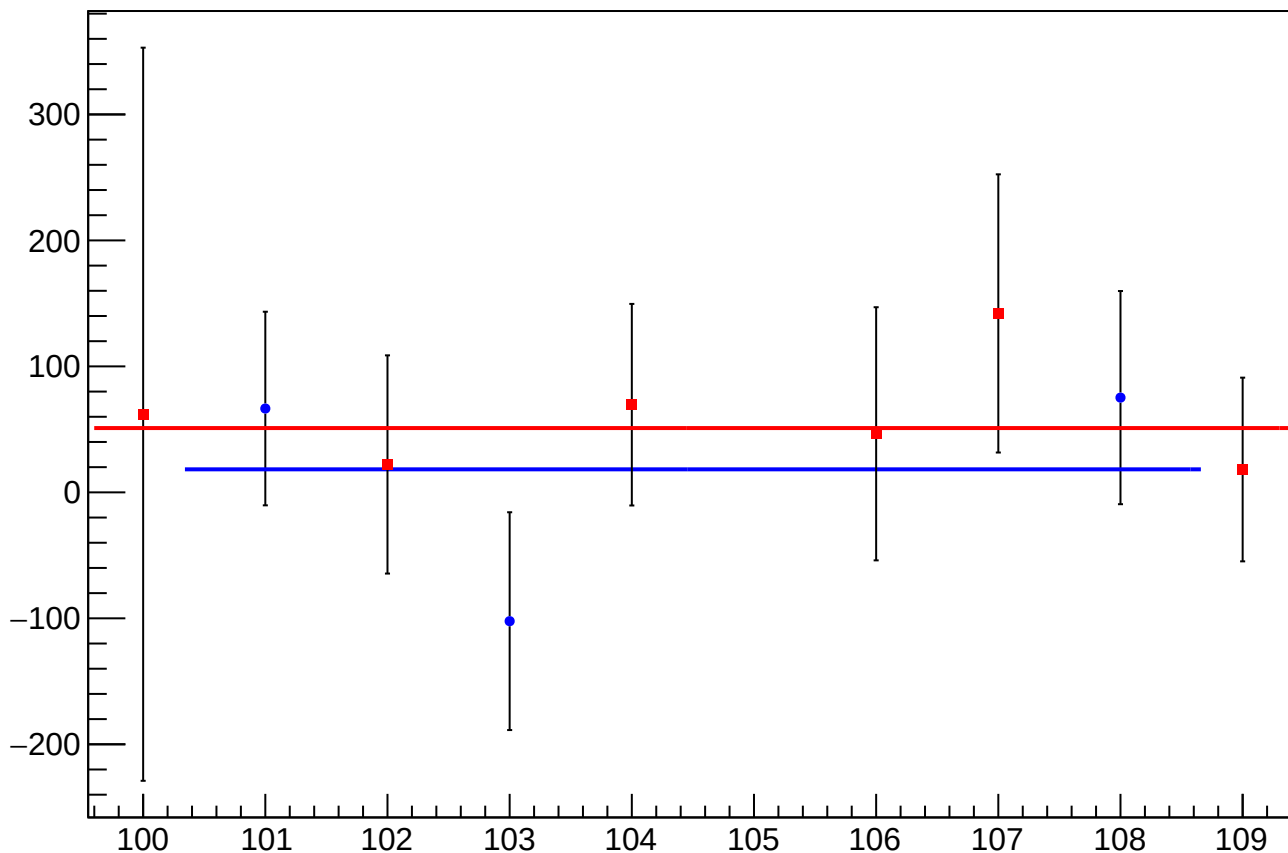
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.701+/-0.083 χ^2/NDF : 121433.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_48_dd_mean vs Slug



Right In: 18.274 $\pm$ 47.520 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.039 $\pm$ 38.619 χ^2 /NDF: 1.1/5

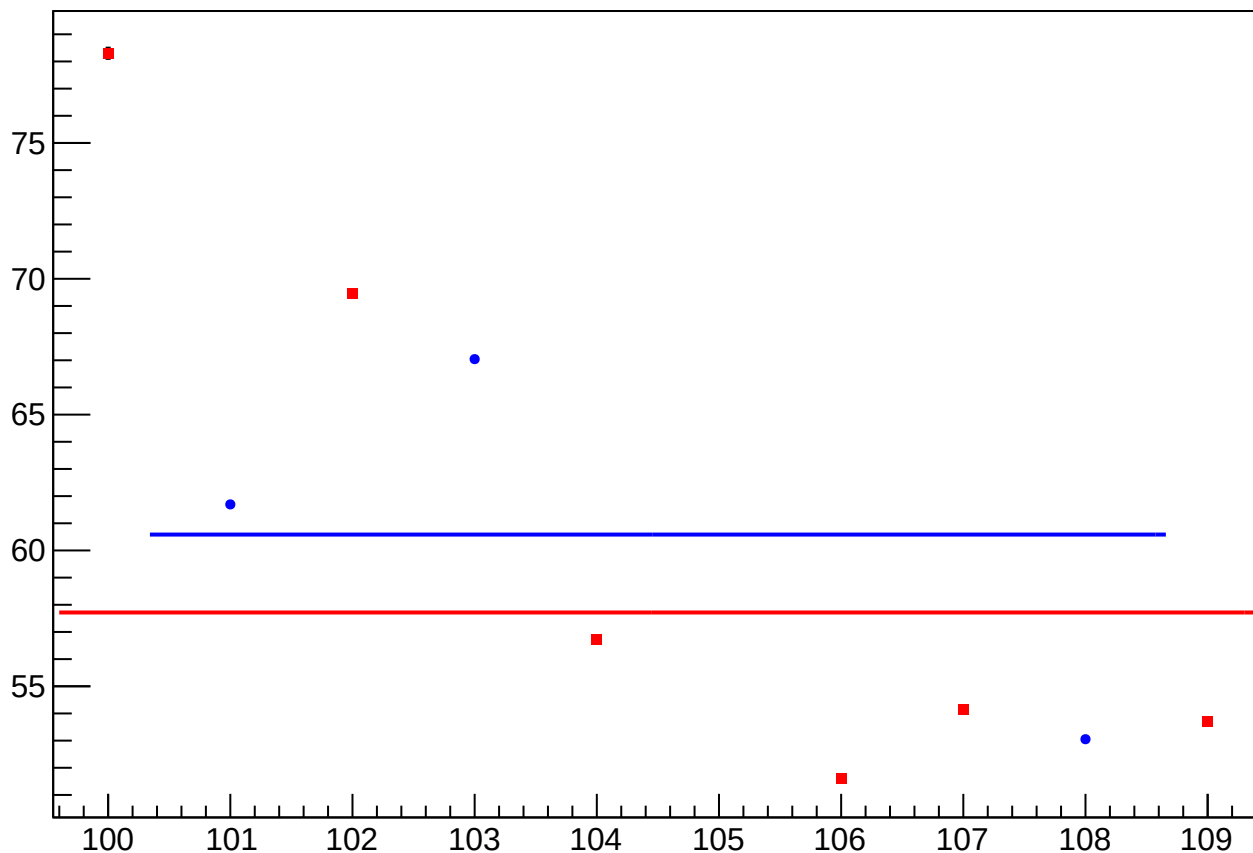
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 38.007 $\pm$ 29.970 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 60.585 $\pm$ 0.034 χ^2 /NDF: 27431.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.717 $\pm$ 0.027 χ^2 /NDF: 62659.4/5

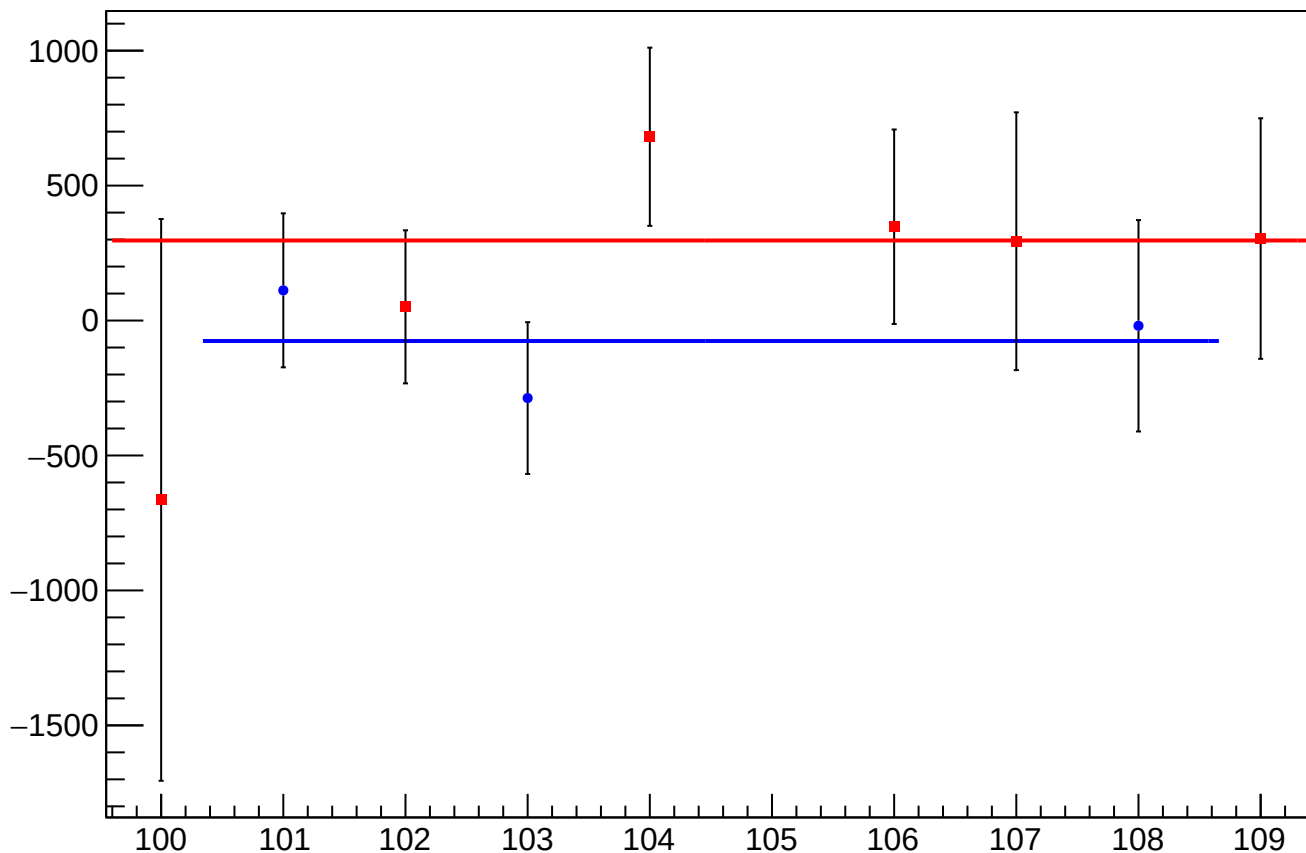
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.857 $\pm$ 0.021 χ^2 /NDF: 94479.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_cor_correction_mean vs Slug



Right In: -75.826 ± 178.309 χ^2/NDF : 1.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 296.611 ± 158.798 χ^2/NDF : 3.0/5

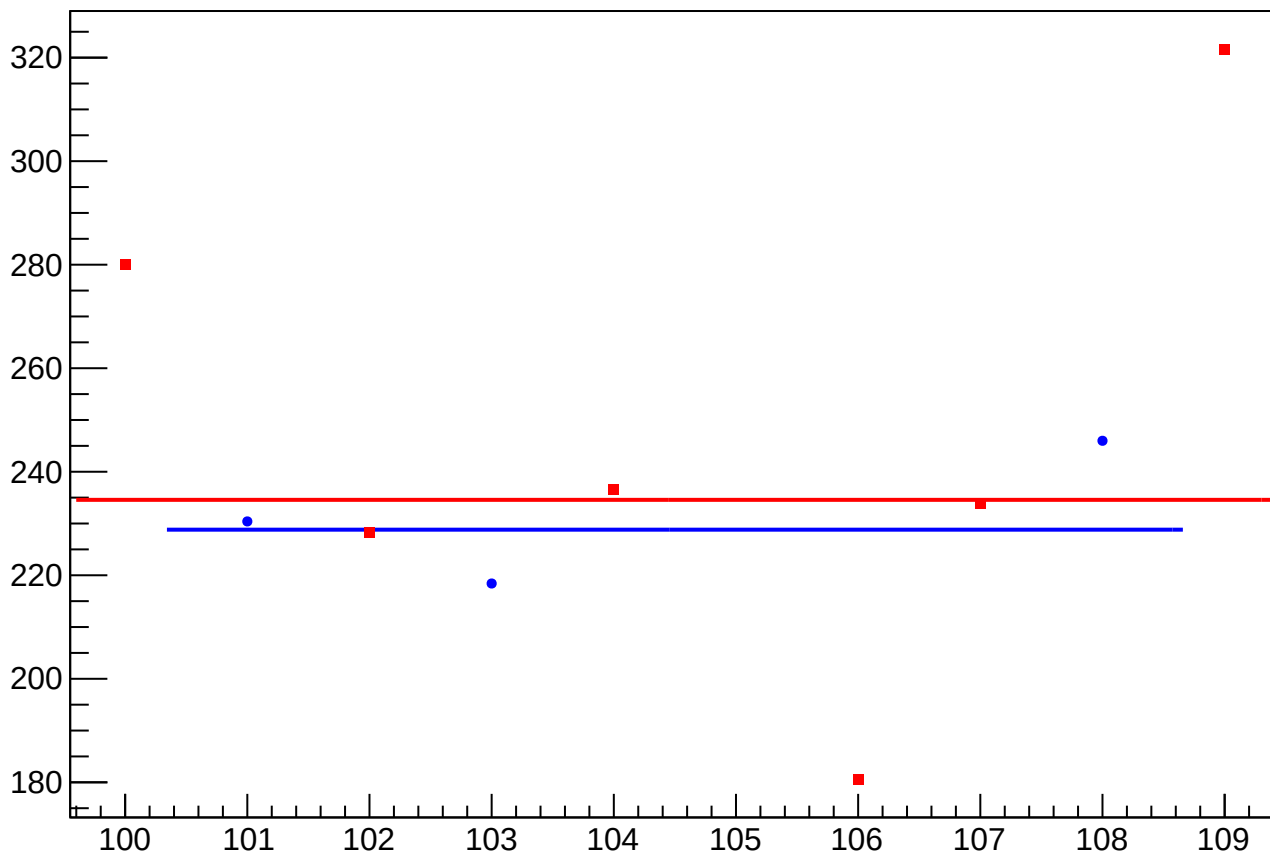
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 131.876 ± 118.588 χ^2/NDF : 6.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 228.809 $\pm$ 0.126 χ^2 /NDF: 6643.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 234.571 $\pm$ 0.112 χ^2 /NDF: 126164.4/5

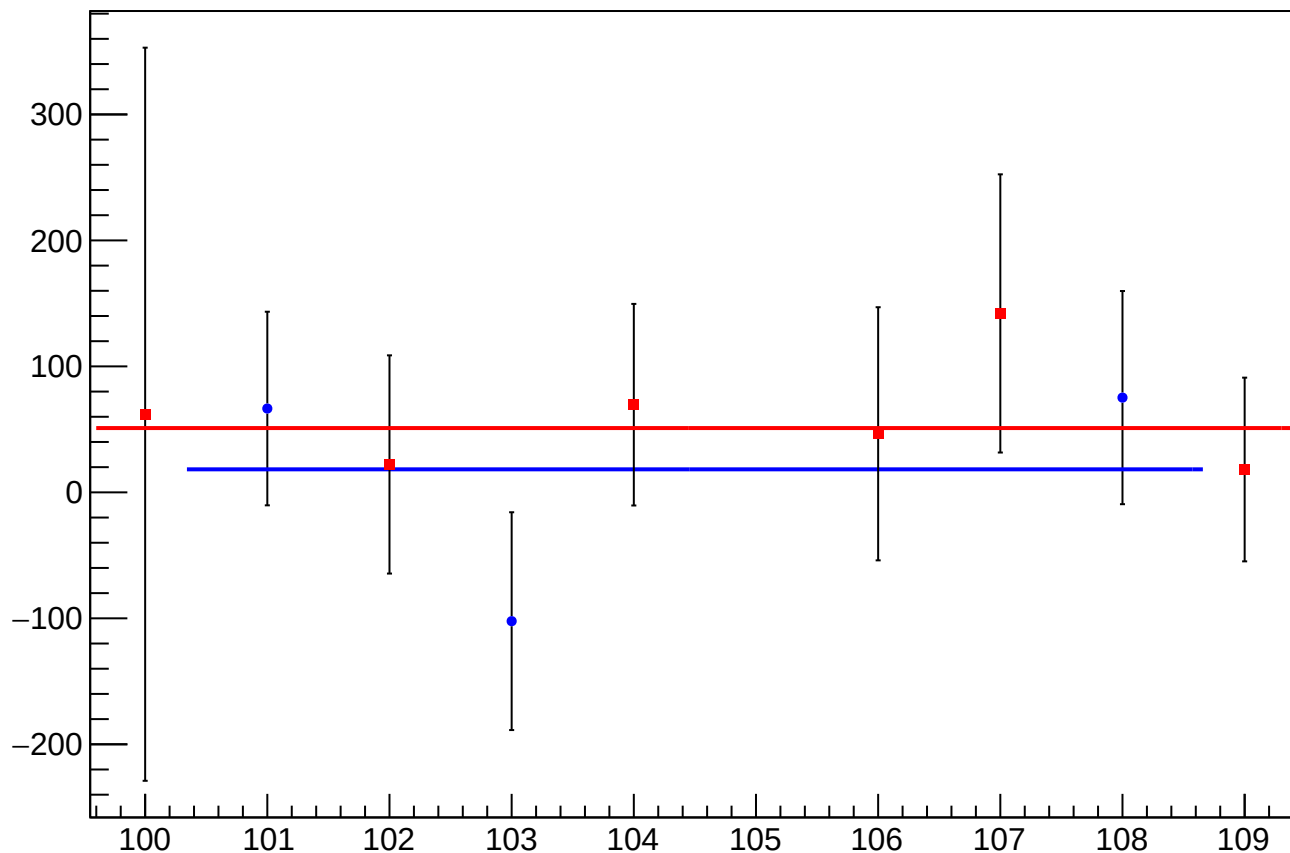
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.023 $\pm$ 0.084 χ^2 /NDF: 133972.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_mean vs Slug



Right In: 18.274 $\pm$ 47.520 χ^2 /NDF: 2.8/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

Right Out: 51.039 $\pm$ -38.619 χ^2 /NDF: 1.1/5

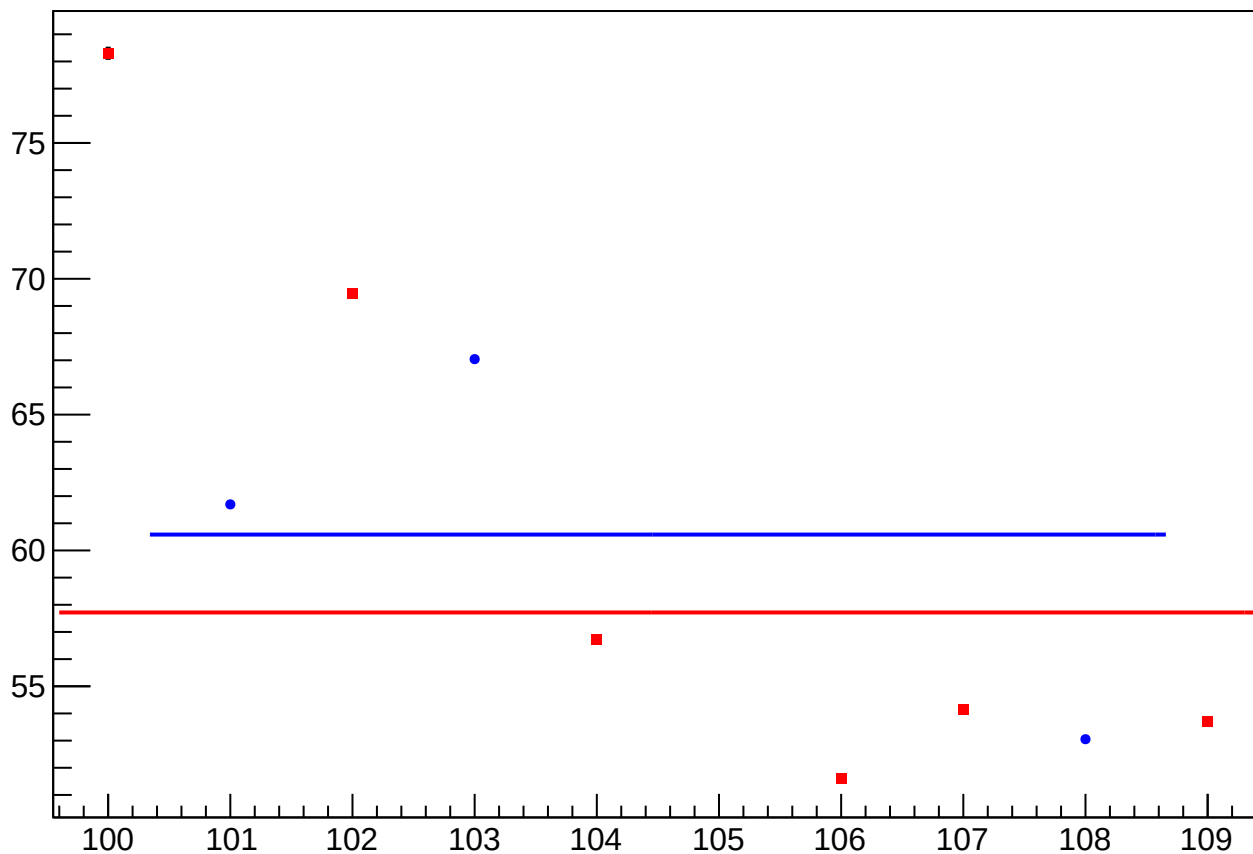
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

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

All: 38.007 $\pm$ -29.970 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 60.585 $\pm$ 0.034 χ^2 /NDF: 27431.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.717 $\pm$ 0.027 χ^2 /NDF: 62659.4/5

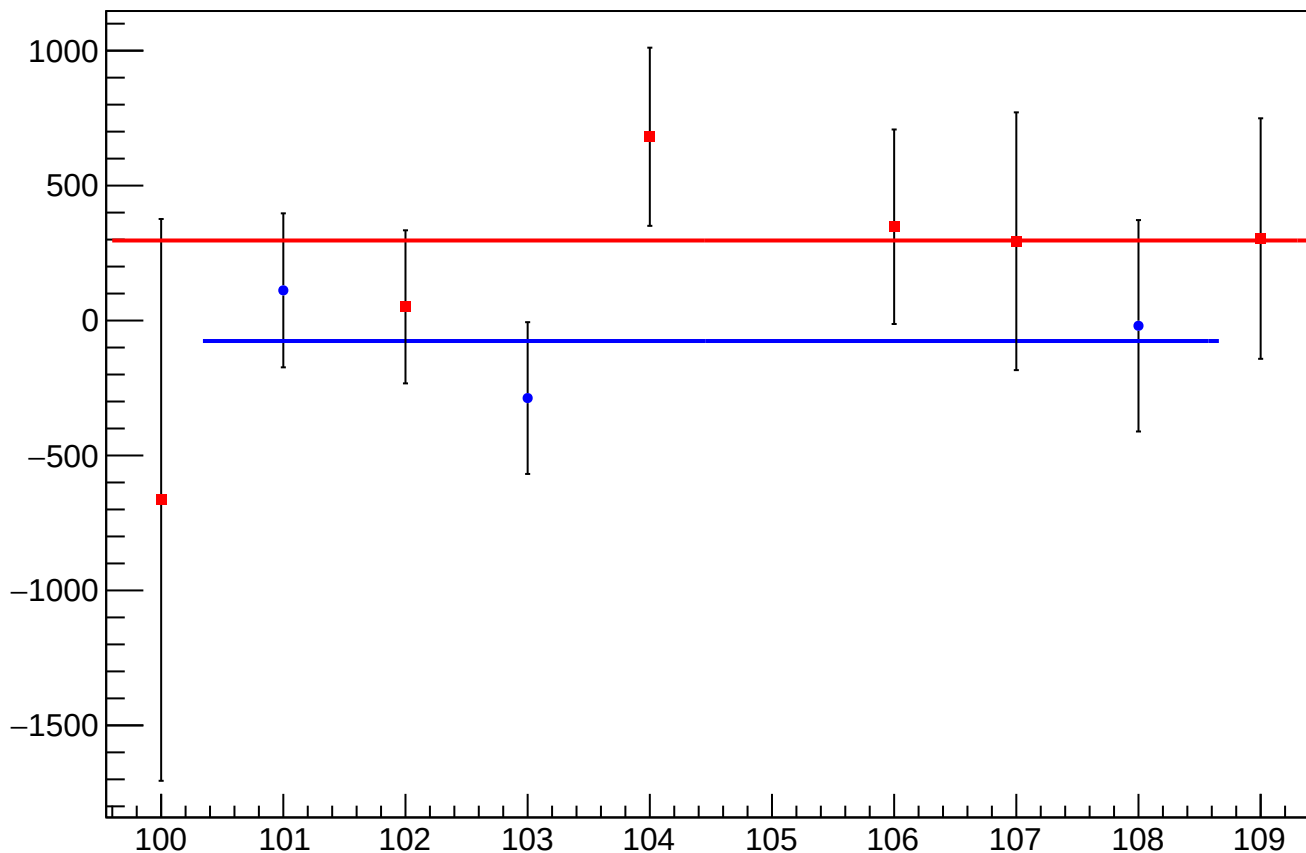
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.857 $\pm$ 0.021 χ^2 /NDF: 94479.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug



Right In: -75.826 $\pm$ 178.309 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 296.611 $\pm$ 158.798 χ^2 /NDF: 3.0/5

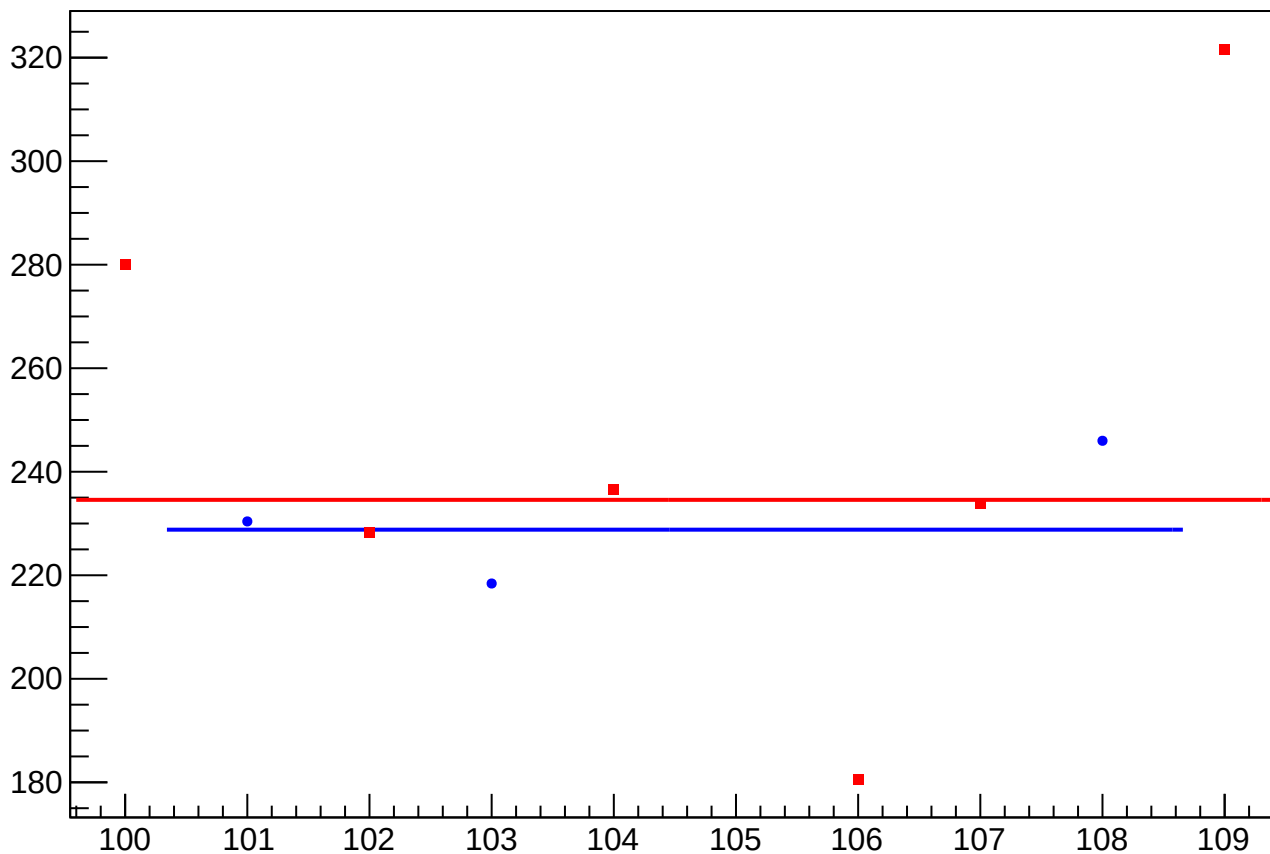
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.876 $\pm$ 118.588 χ^2 /NDF: 6.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug



Right In: 228.809+/-0.126 χ^2/NDF : 6643.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.571+/-0.112 χ^2/NDF : 126164.4/5

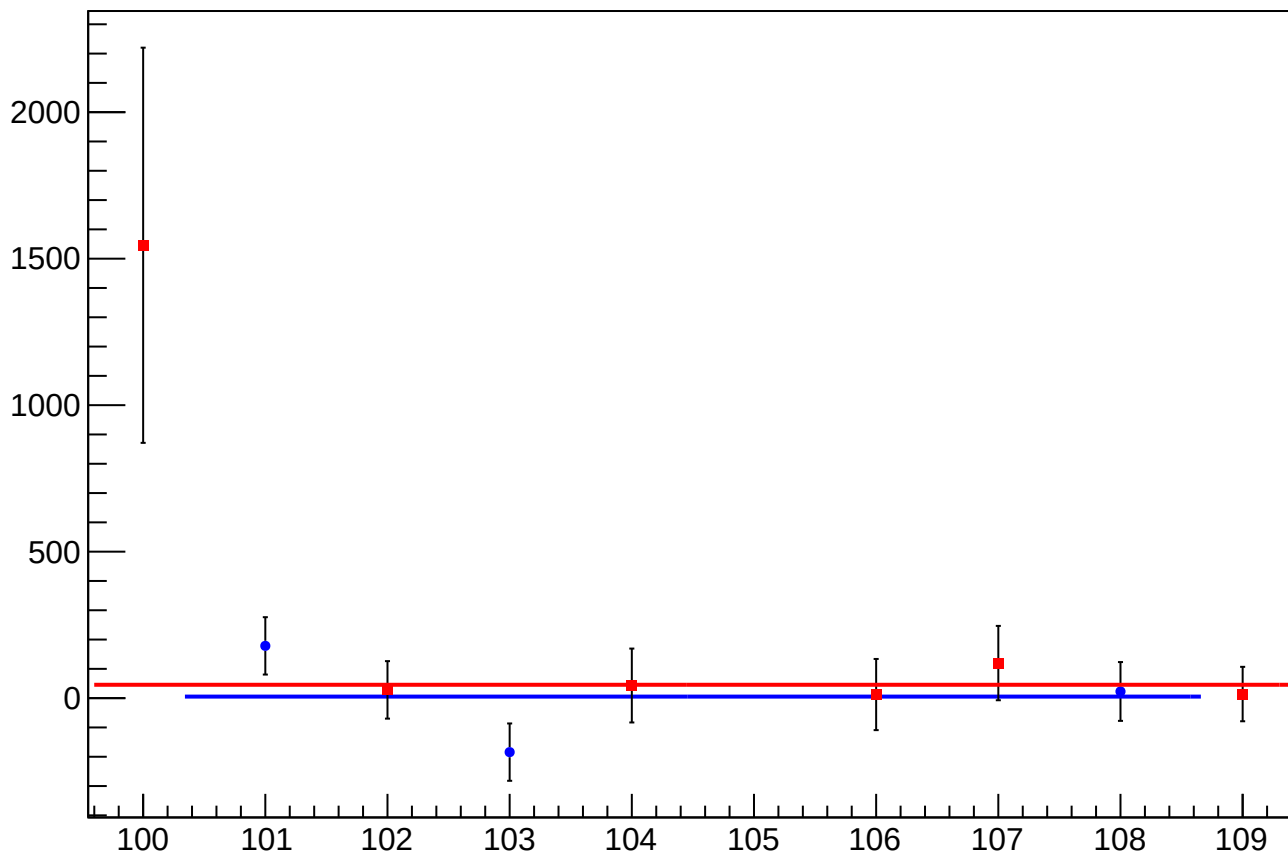
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 232.023+/-0.084 χ^2/NDF : 133972.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 5.316 $\pm$ 56.975 χ^2 /NDF: 6.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.647 $\pm$ 49.106 χ^2 /NDF: 5.5/5

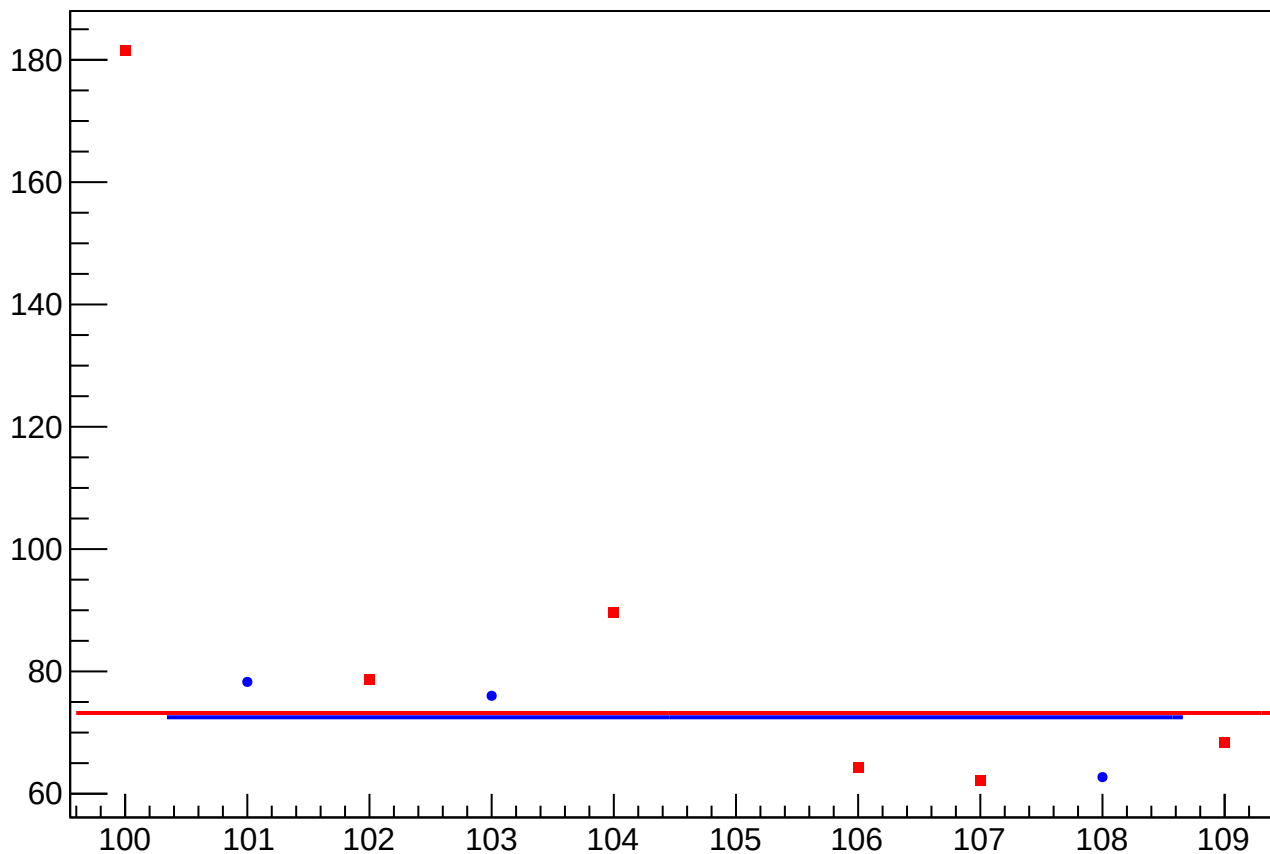
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.457 $\pm$ 37.197 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 72.499 $\pm$ 0.040 χ^2 /NDF: 28569.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 73.202 $\pm$ 0.035 χ^2 /NDF: 122910.2/5

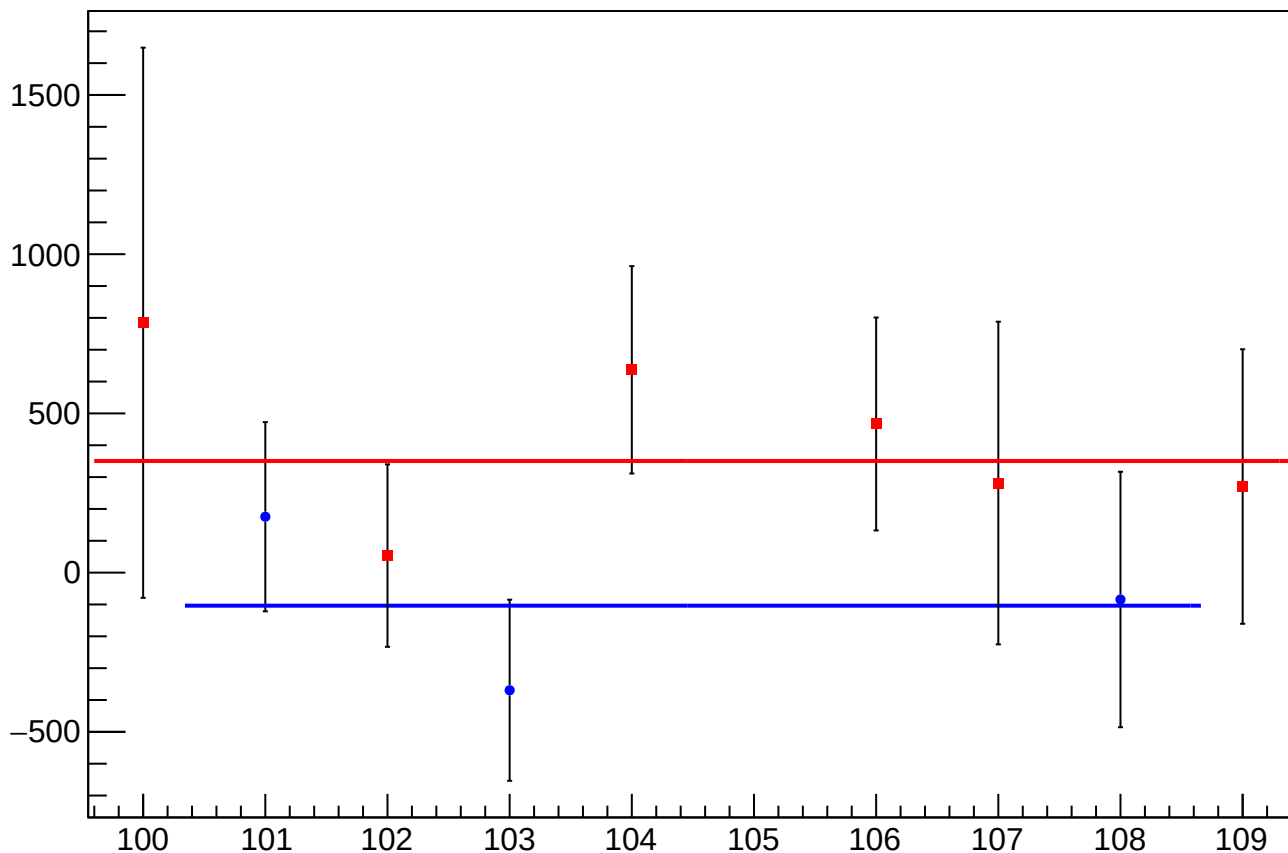
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.903 $\pm$ 0.026 χ^2 /NDF: 151654.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -103.732 $\pm$ 182.845 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 350.629 $\pm$ 155.840 χ^2 /NDF: 2.3/5

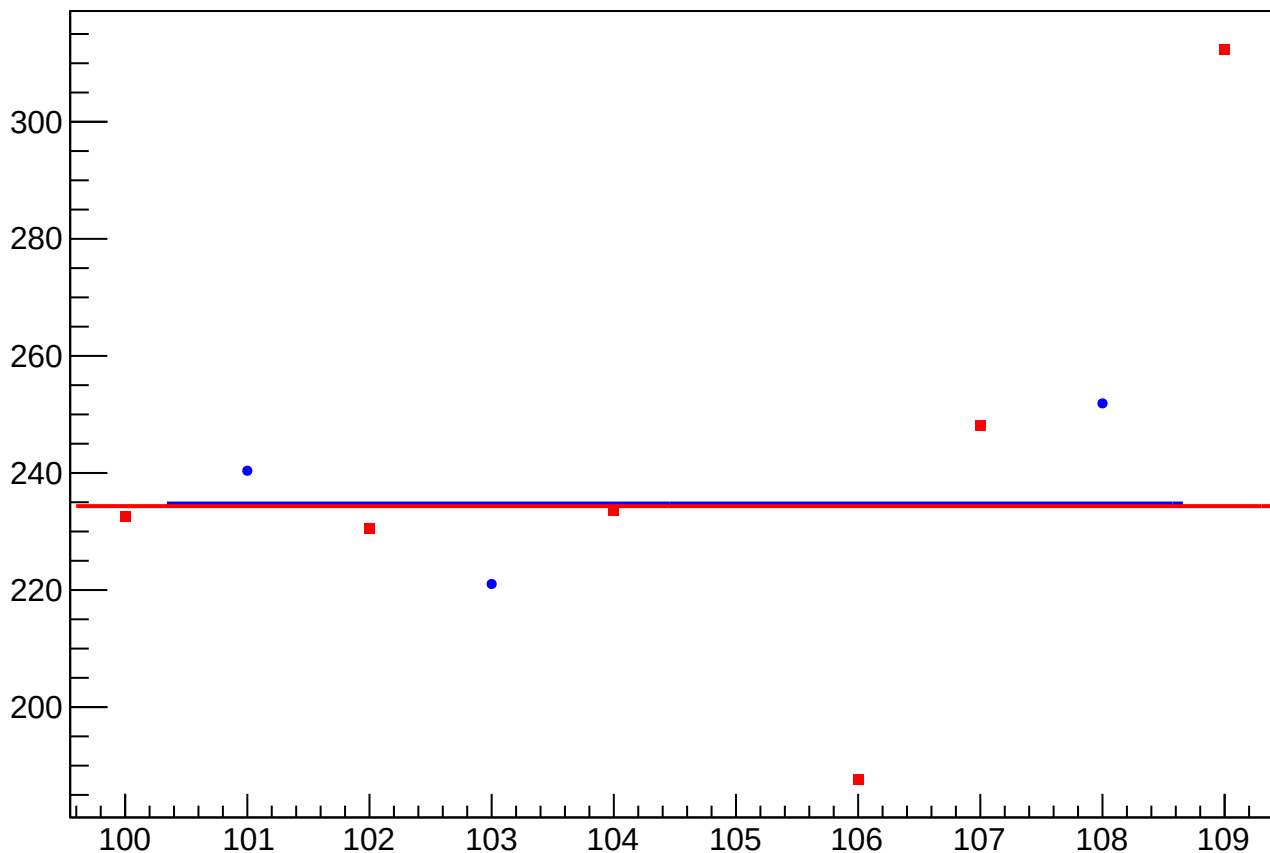
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.449 $\pm$ 118.606 χ^2 /NDF: 7.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 234.776 $\pm$ 0.129 χ^2 /NDF: 9024.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 234.340 $\pm$ 0.110 χ^2 /NDF: 106385.4/5

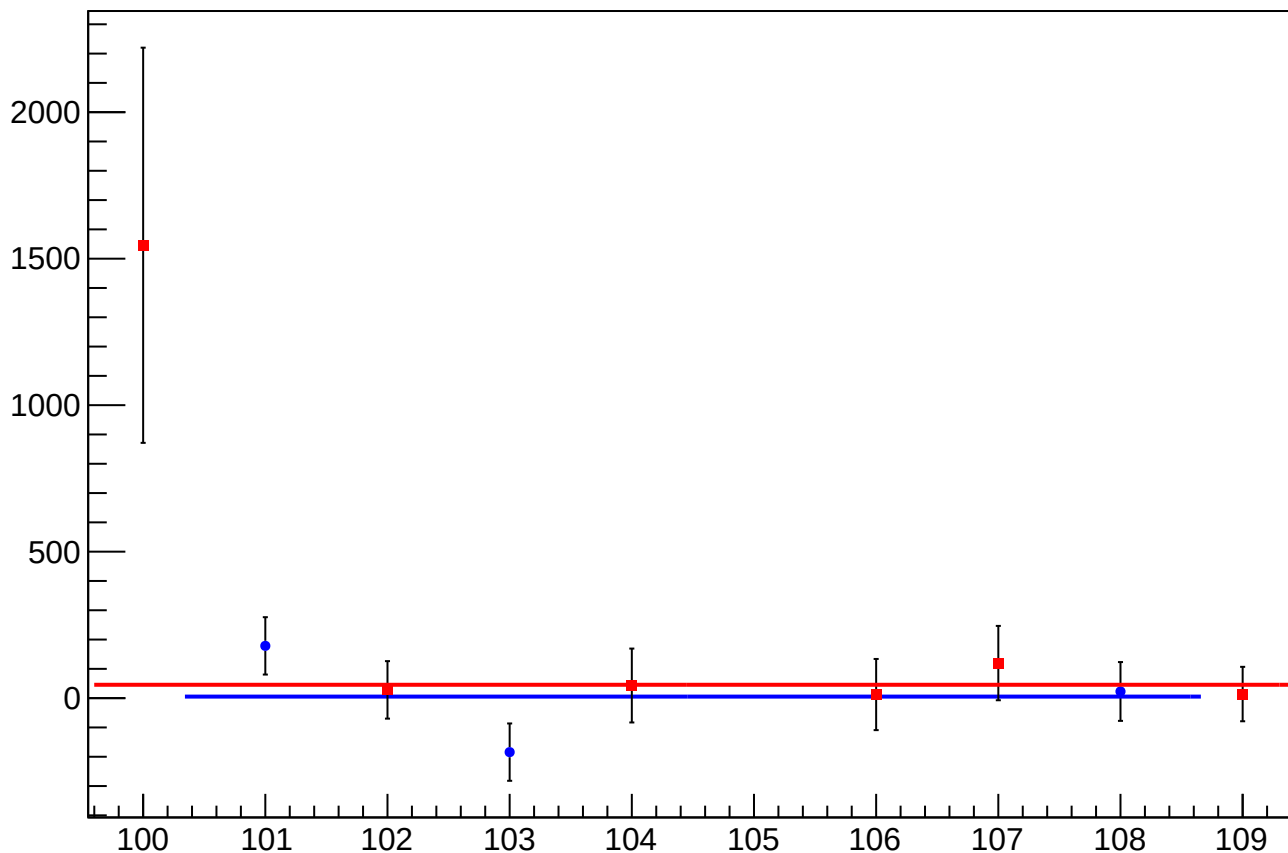
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.523 $\pm$ 0.084 χ^2 /NDF: 115416.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_mean vs Slug



Right In: 5.317 $\pm$ 56.975 χ^2 /NDF: 6.9/2

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 45.648 $\pm$ -49.107 χ^2 /NDF: 5.5/5

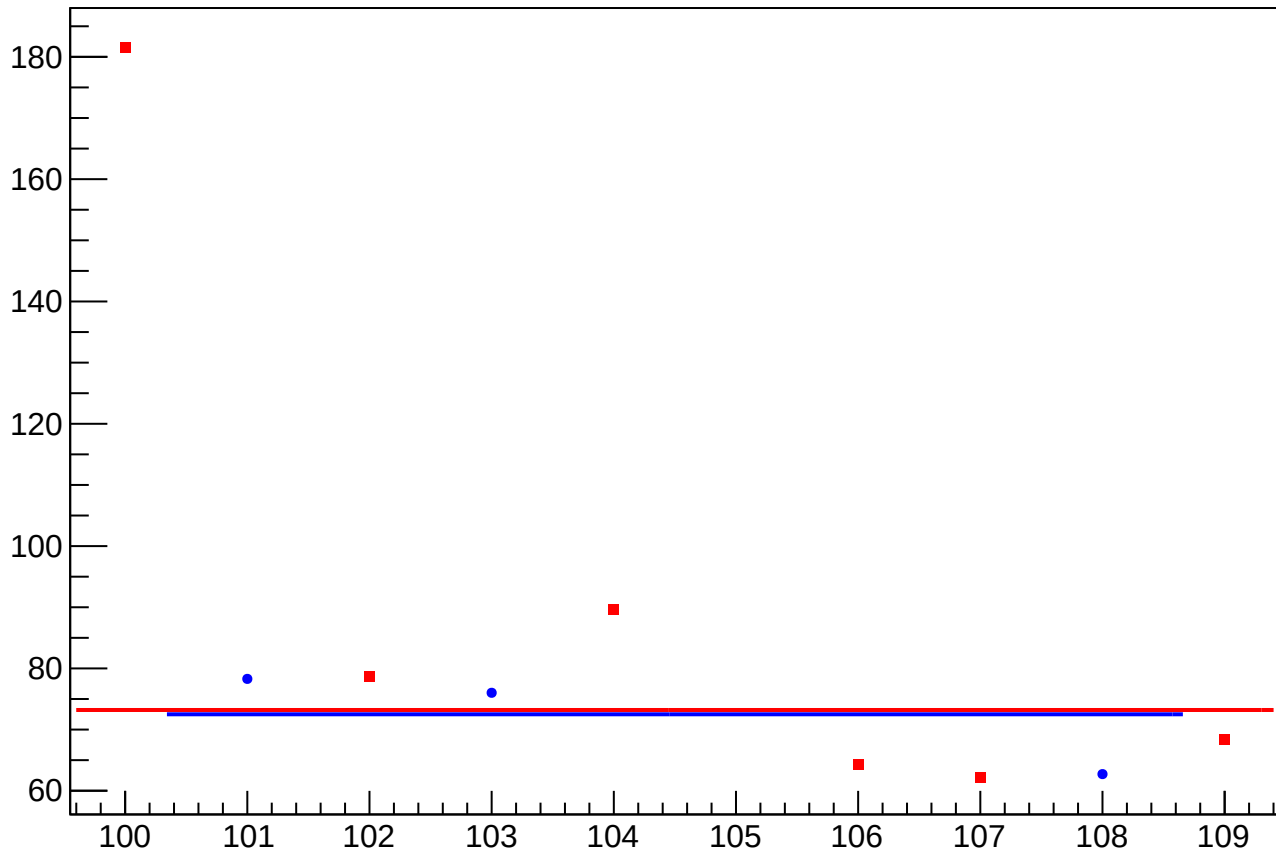
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

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

All: 28.457 $\pm$ -37.197 χ^2 /NDF: 12.7/8

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 72.499+/-0.040 χ^2/NDF : 28570.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.202+/-0.035 χ^2/NDF : 122913.9/5

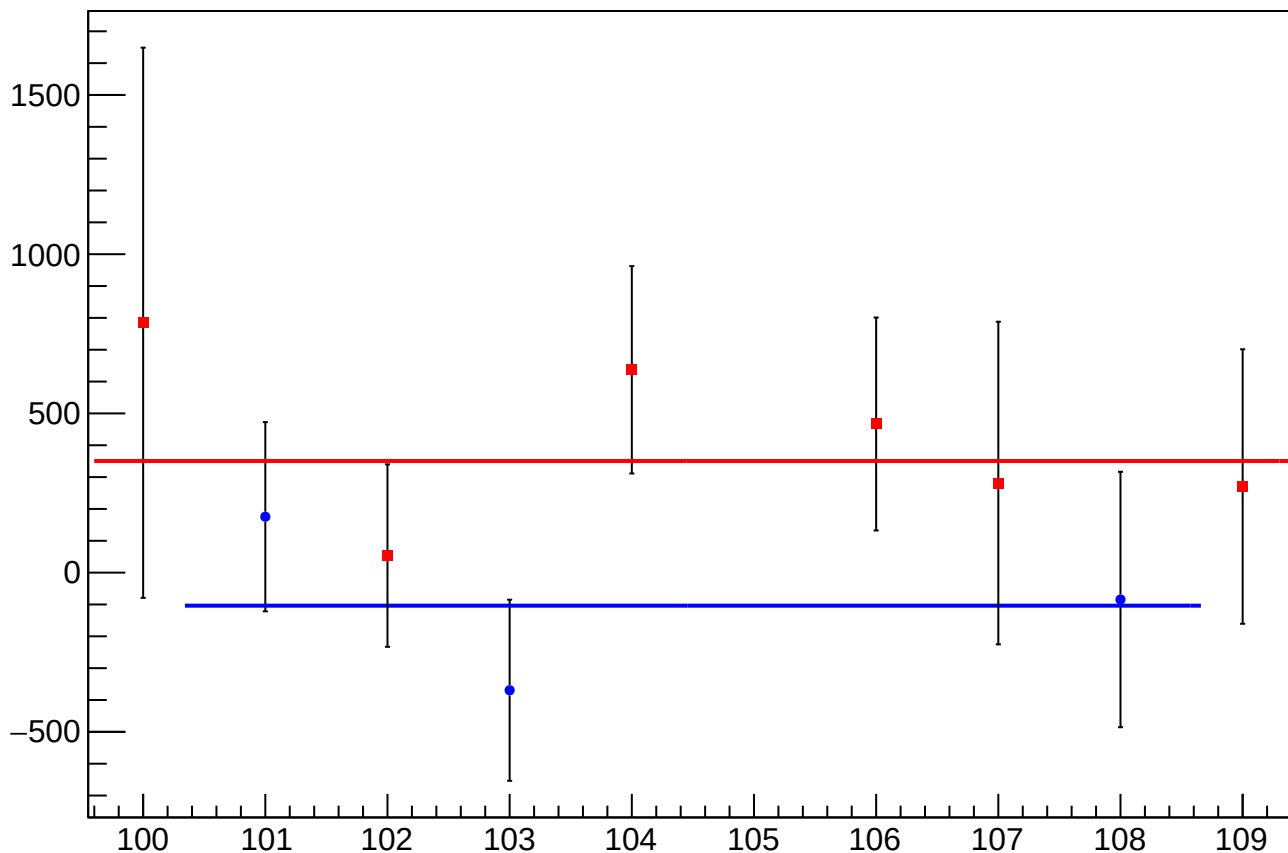
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.903+/-0.026 χ^2/NDF : 151659.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug



Right In: -103.733+/-182.846 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 350.629+/-155.840 χ^2/NDF : 2.3/5

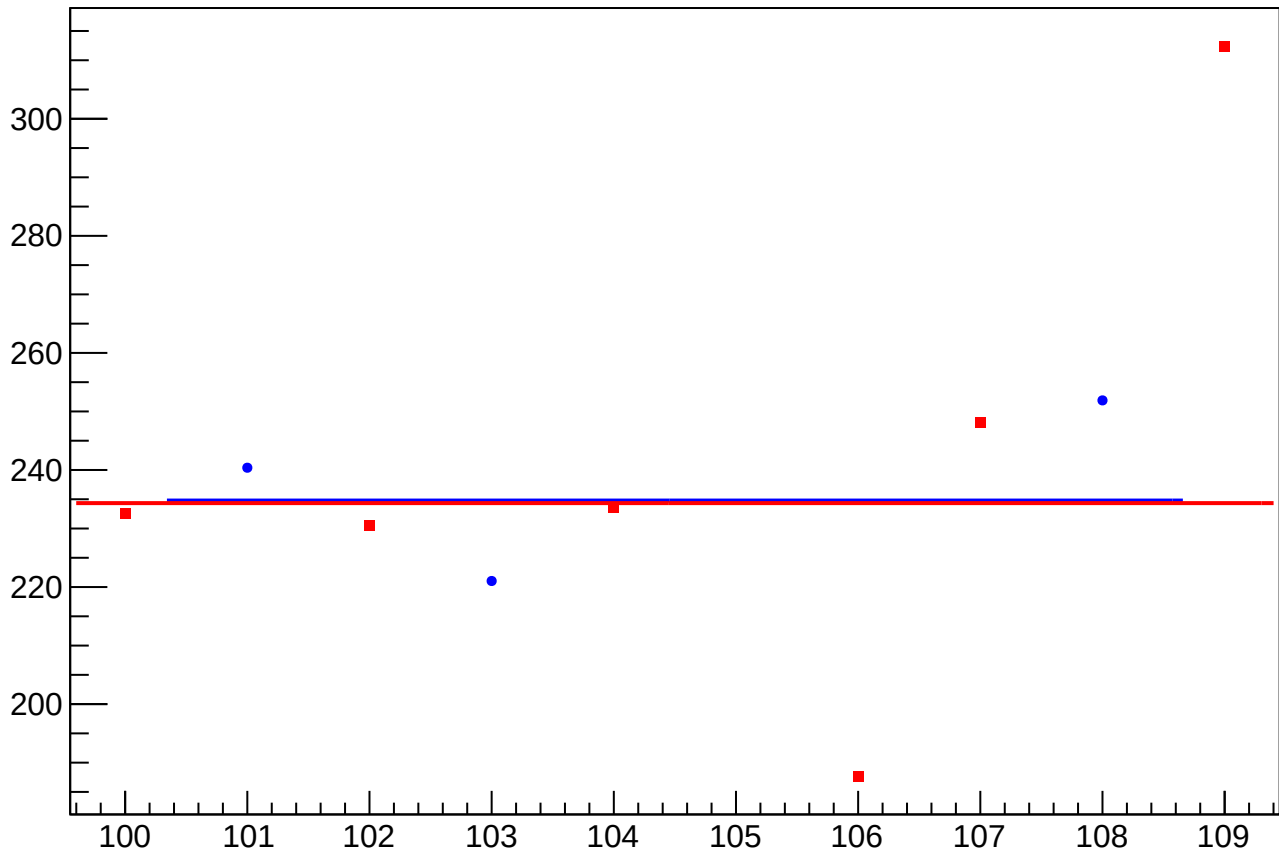
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.448+/-118.606 χ^2/NDF : 7.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug



Right In: 234.776 $\pm$ 0.129 χ^2 /NDF: 9024.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 234.340 $\pm$ 0.110 χ^2 /NDF: 106383.5/5

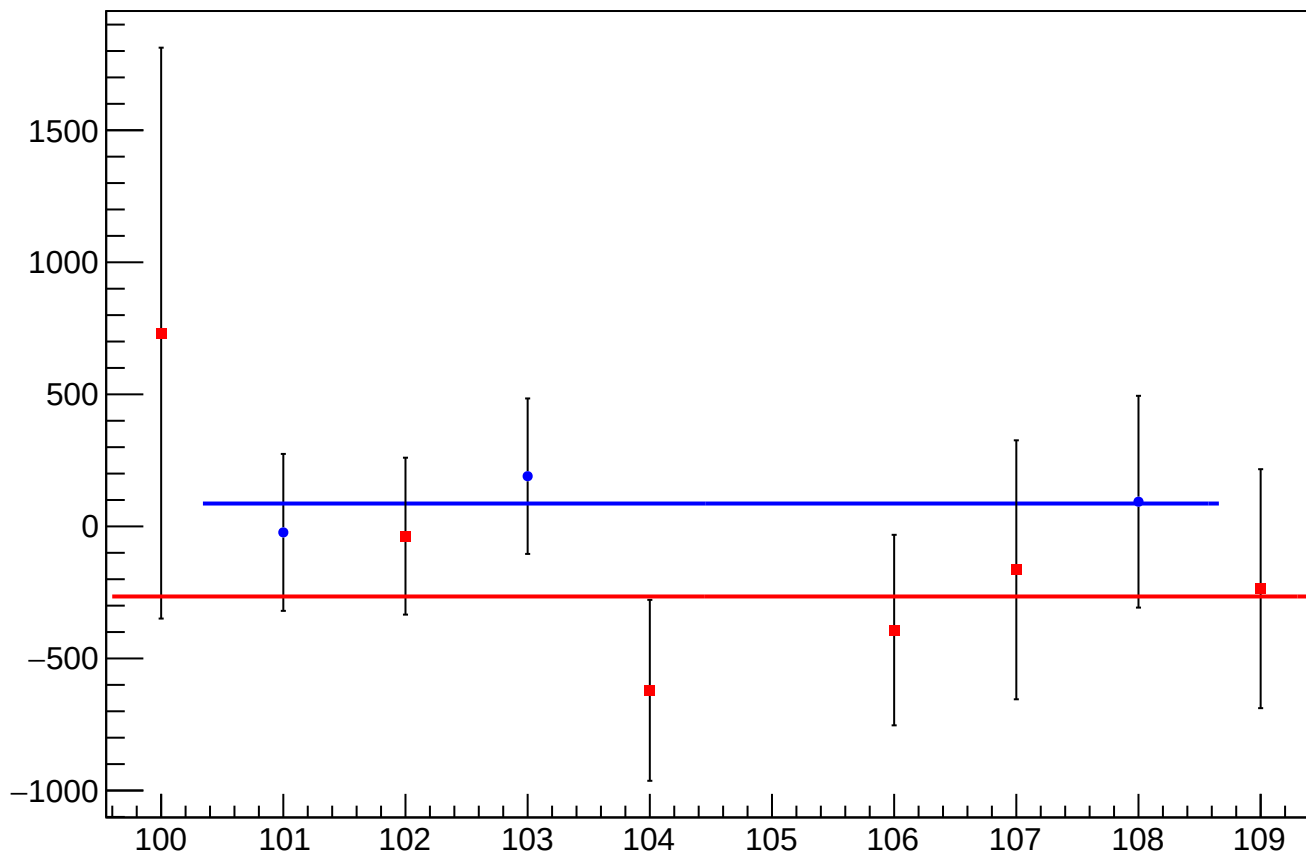
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 234.523 $\pm$ 0.084 χ^2 /NDF: 115414.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_mean vs Slug



Right In: 86.612 $\pm$ 185.399 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -265.331 $\pm$ 163.422 χ^2 /NDF: 2.7/5

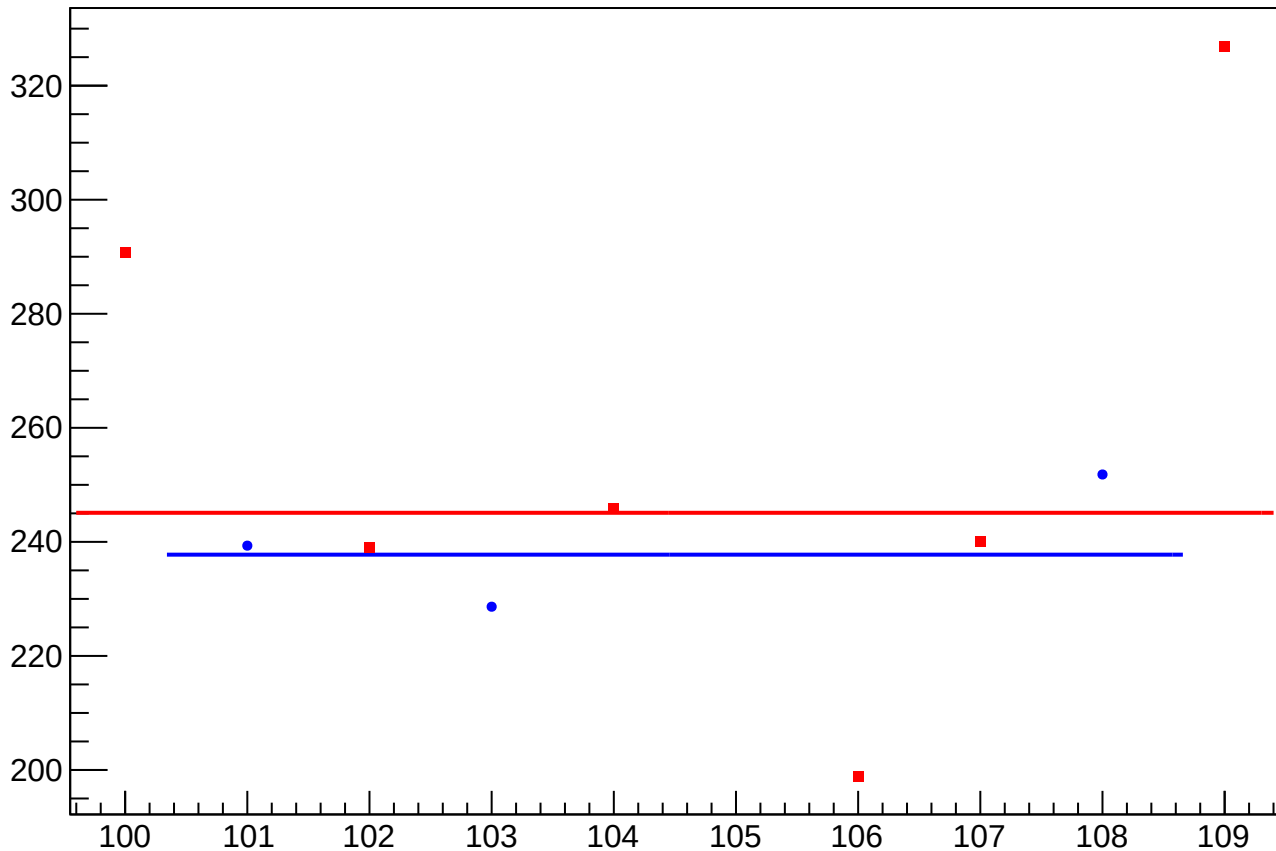
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.445 $\pm$ 122.594 χ^2 /NDF: 5.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 237.758 $\pm$ 0.131 χ^2 /NDF: 4438.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 245.099 $\pm$ 0.116 χ^2 /NDF: 102801.9/5

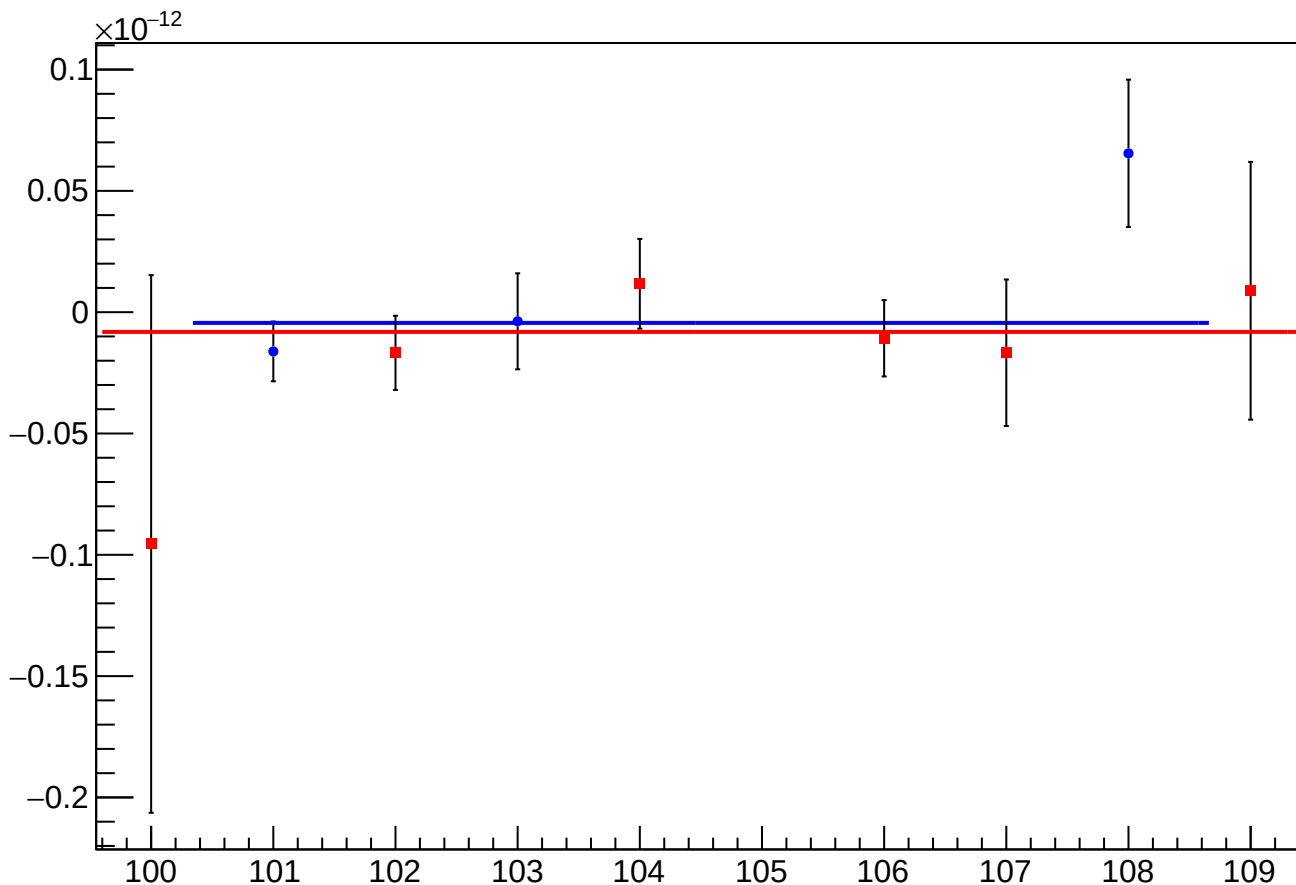
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 241.889 $\pm$ 0.087 χ^2 /NDF: 109005.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 2.3/5

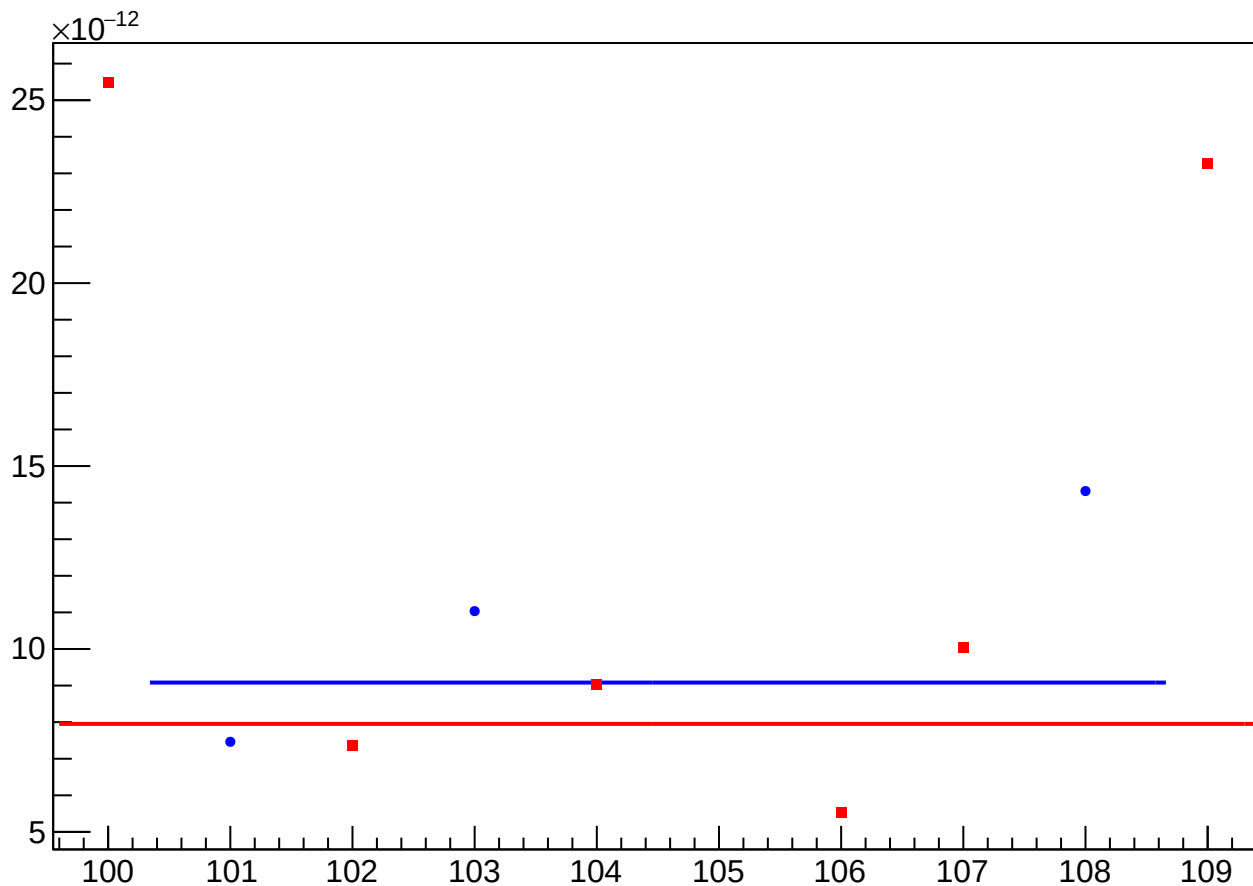
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 113451.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 282467.4/5

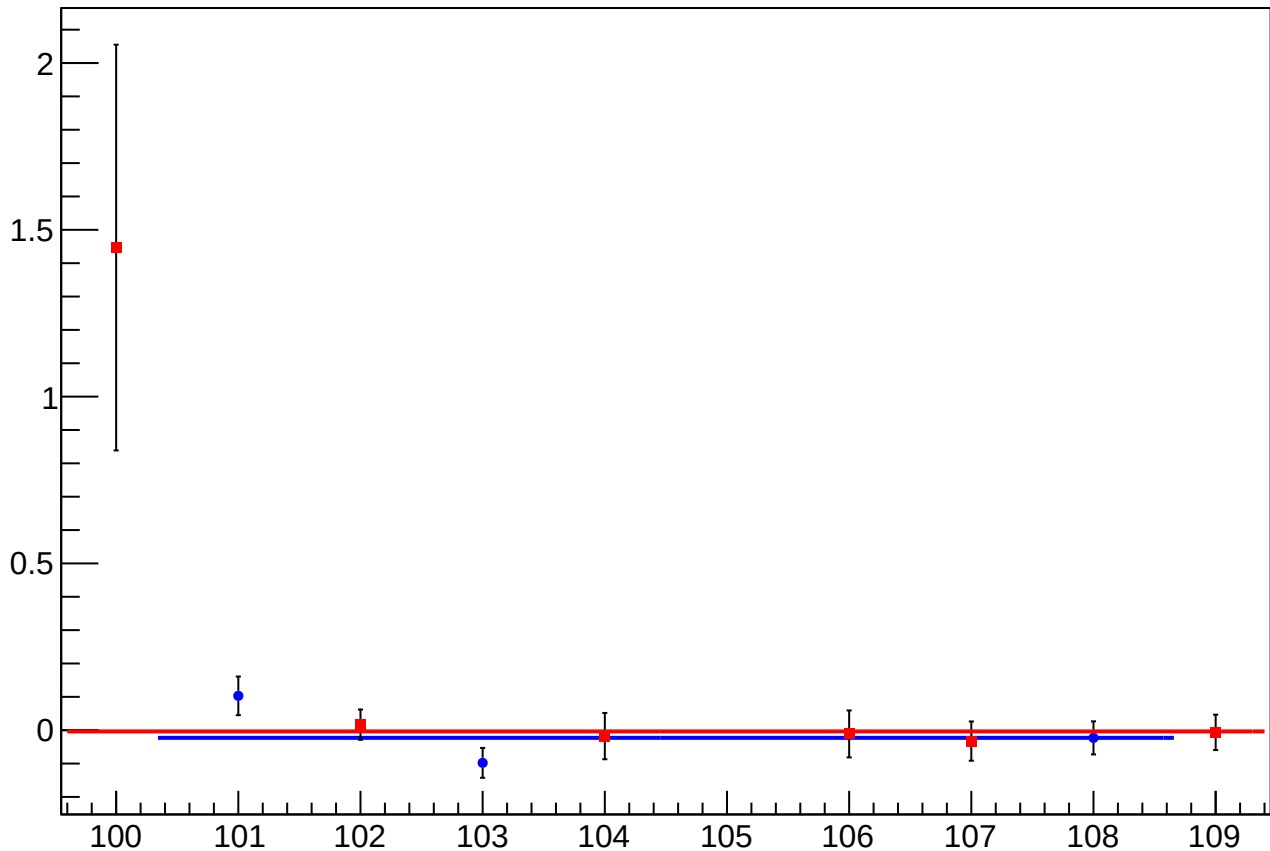
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 410412.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.023 $\pm$ 0.029 χ^2 /NDF: 7.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.025 χ^2 /NDF: 6.2/5

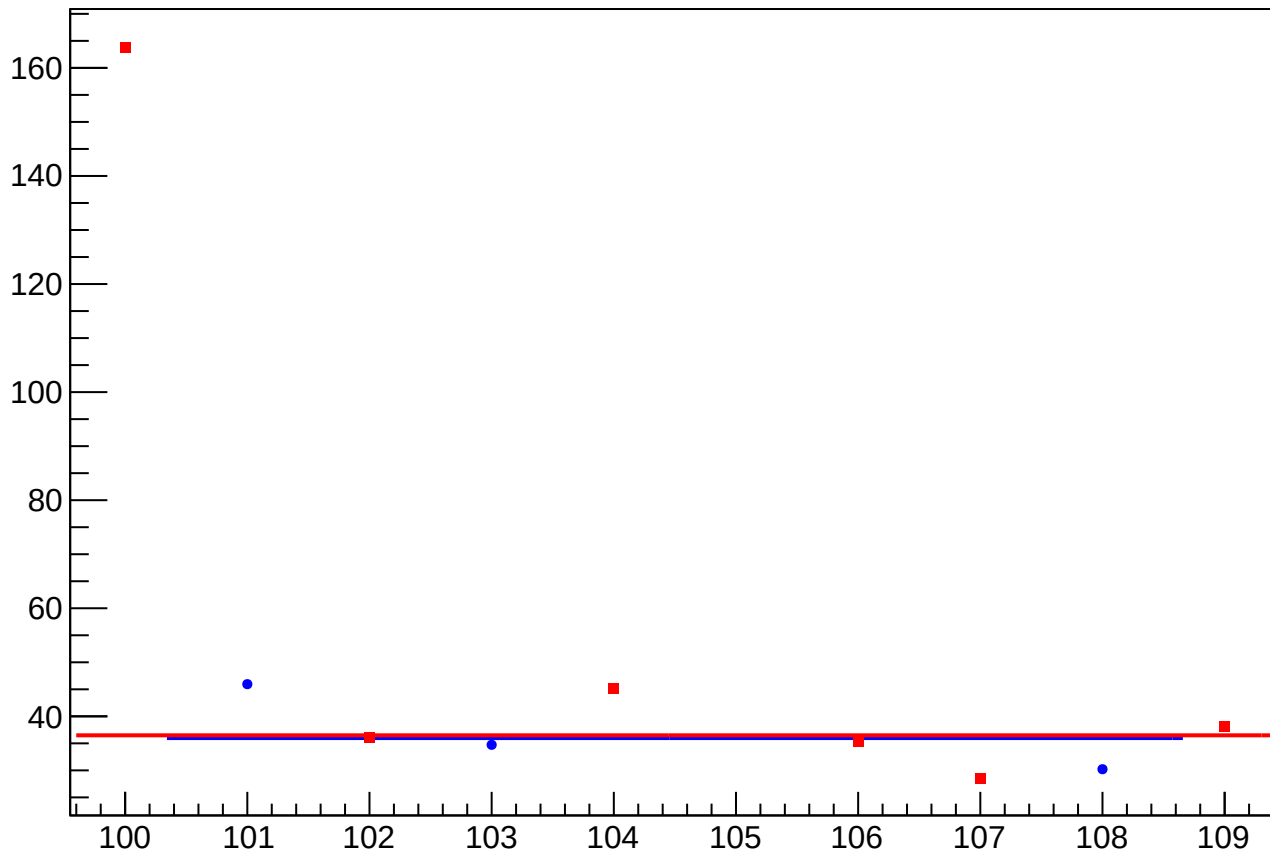
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.012 $\pm$ 0.019 χ^2 /NDF: 14.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 35.980+/-0.020 χ^2/NDF : 87855.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.487+/-0.018 χ^2/NDF : 158499.5/5

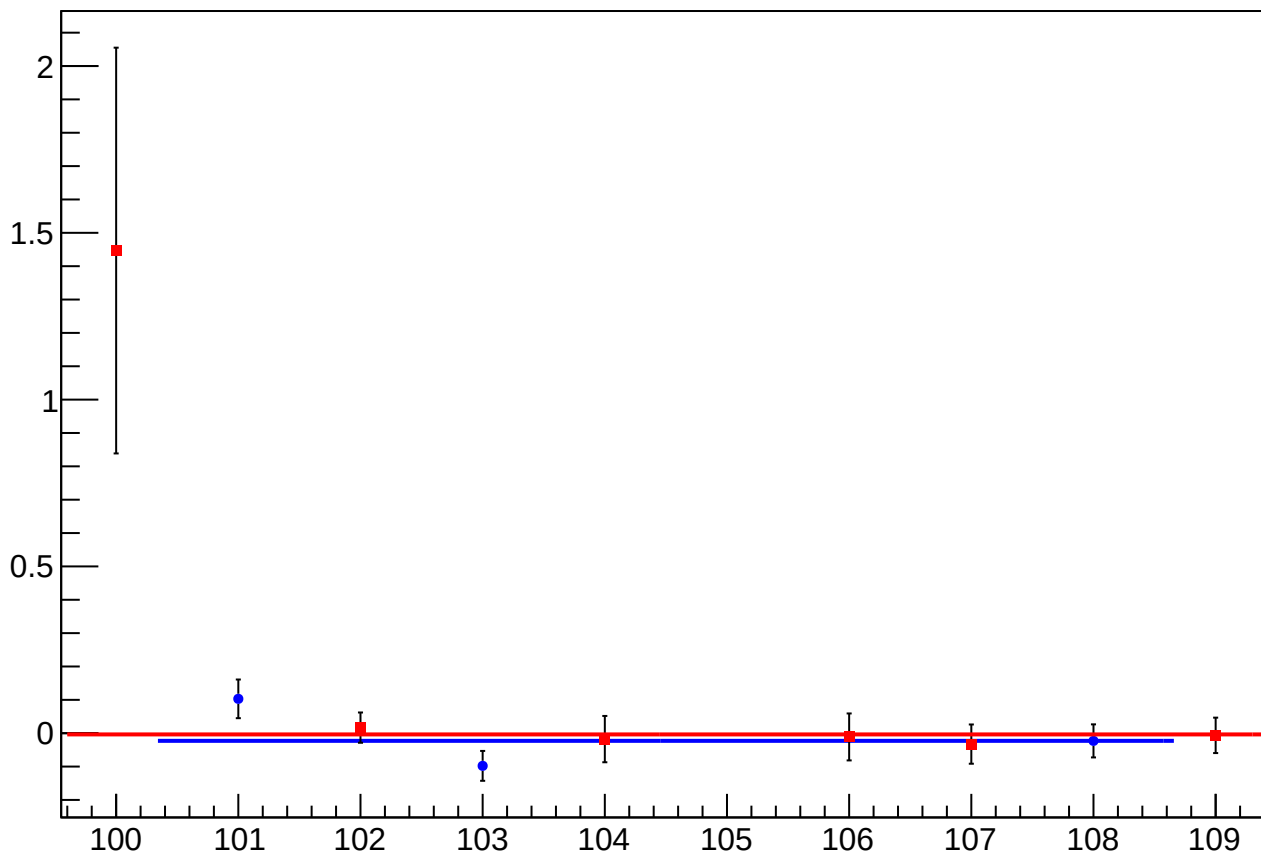
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.265+/-0.013 χ^2/NDF : 246702.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023+/-0.029 χ^2/NDF : 7.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.025 χ^2/NDF : 6.2/5

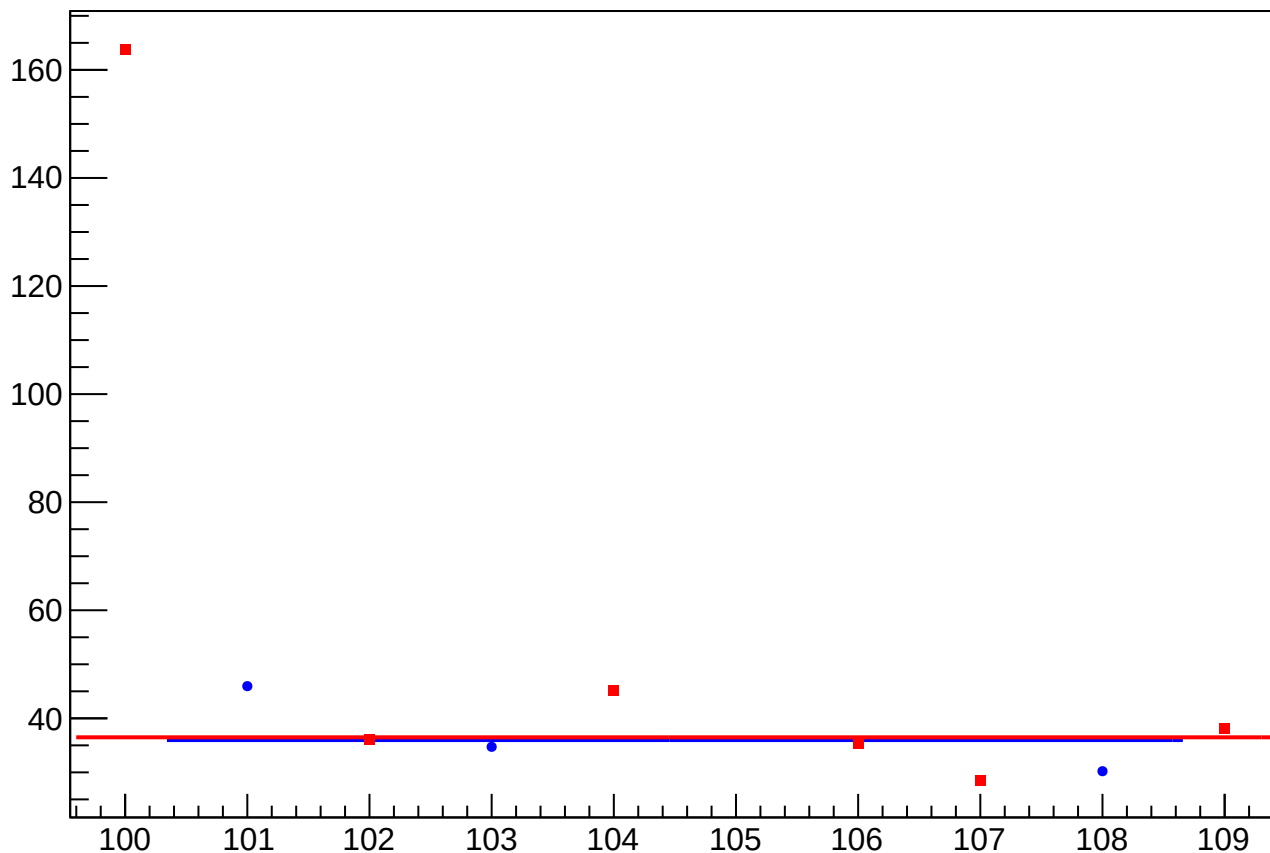
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.012+/-0.019 χ^2/NDF : 14.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.980 $\pm$ 0.020 χ^2 /NDF: 87855.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.487 $\pm$ 0.018 χ^2 /NDF: 158499.5/5

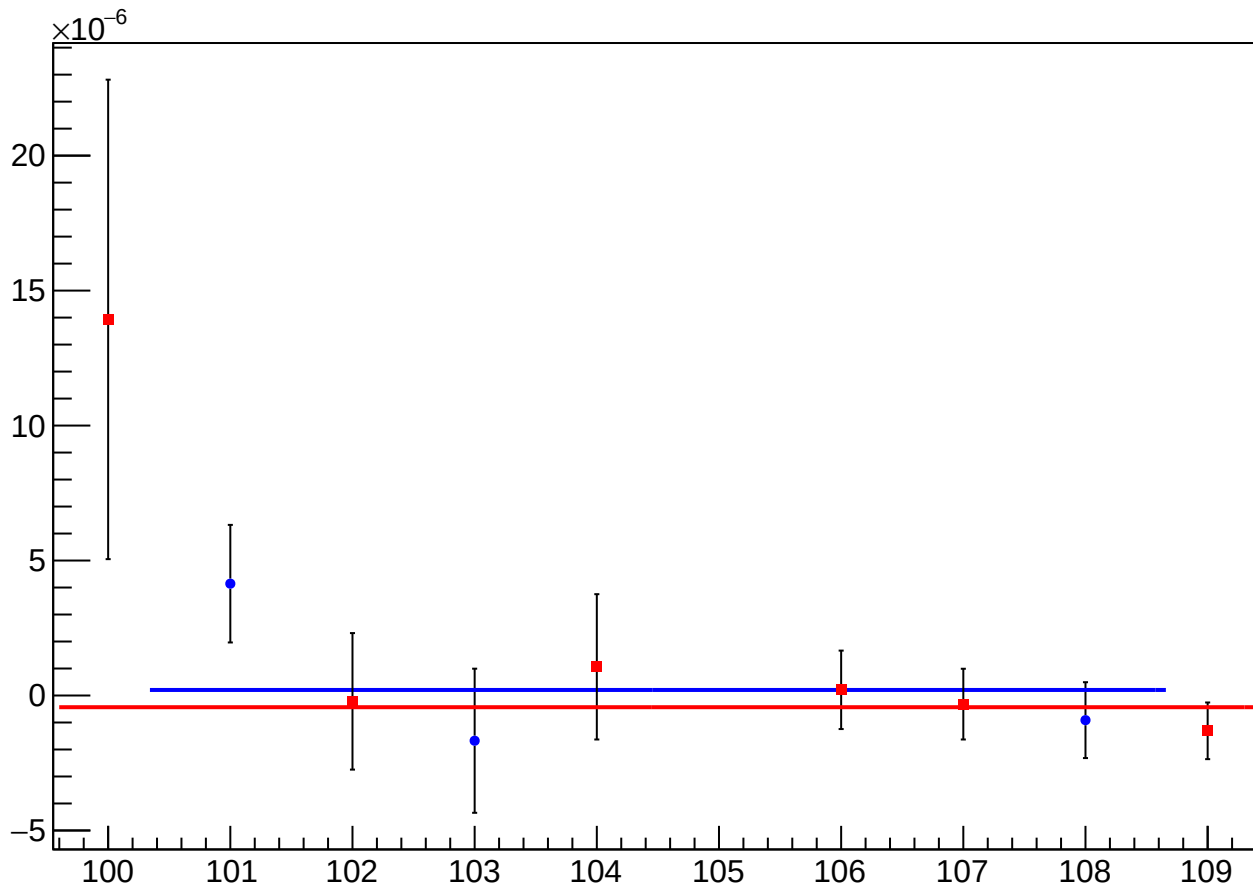
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.265 $\pm$ 0.013 χ^2 /NDF: 246702.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 3.8/5

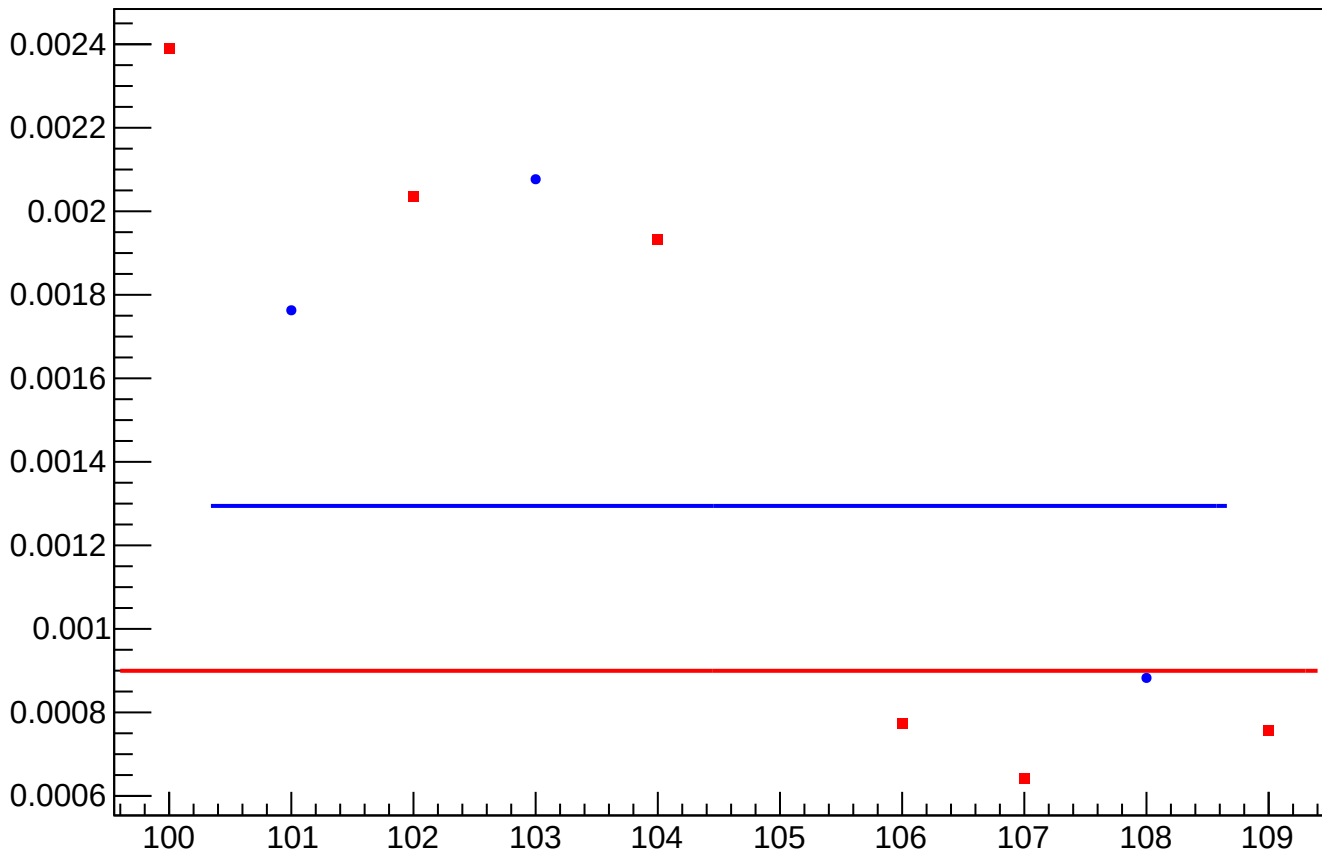
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 436087.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 884606.4/5

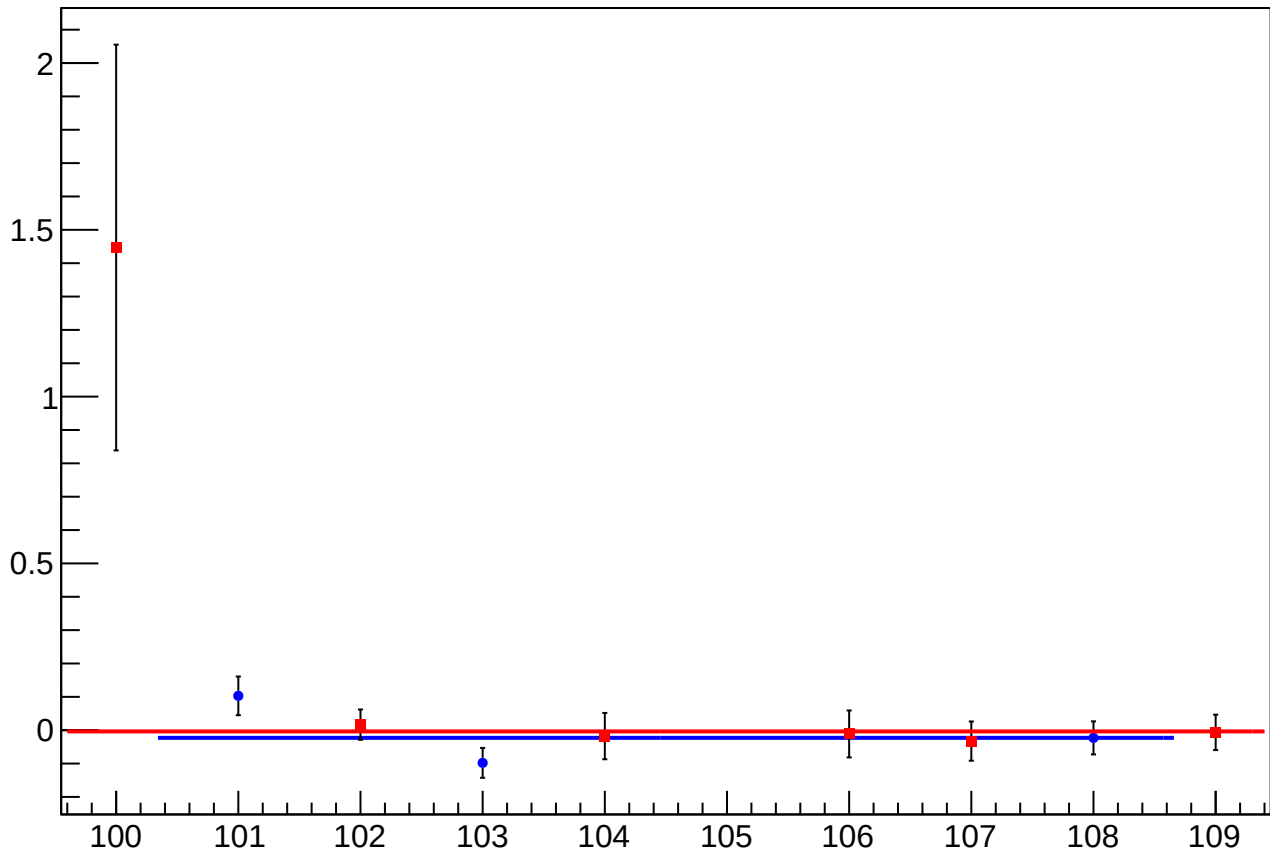
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1514782.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.023 $\pm$ 0.029 χ^2 /NDF: 7.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.025 χ^2 /NDF: 6.2/5

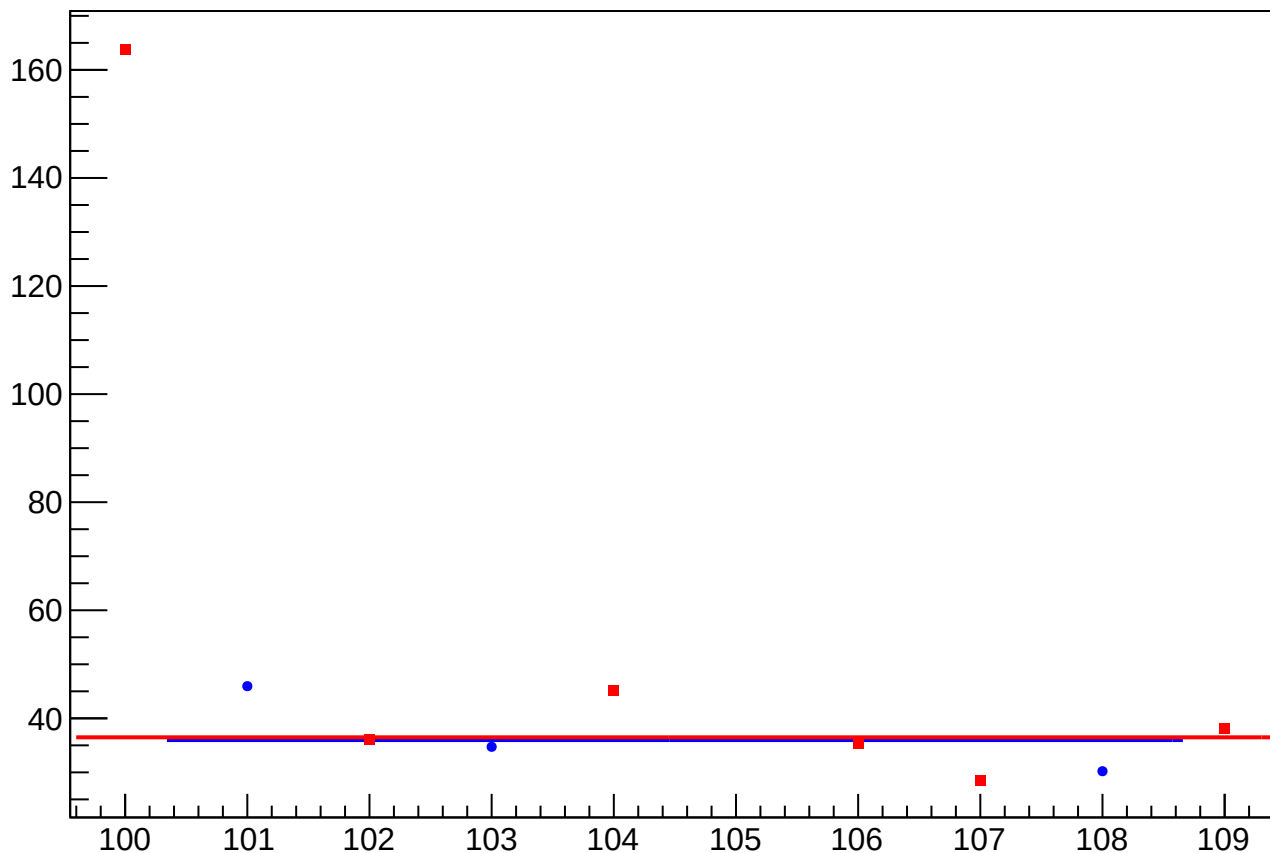
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.012 $\pm$ 0.019 χ^2 /NDF: 14.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 35.980+/-0.020 χ^2/NDF : 87860.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.488+/-0.018 χ^2/NDF : 158505.0/5

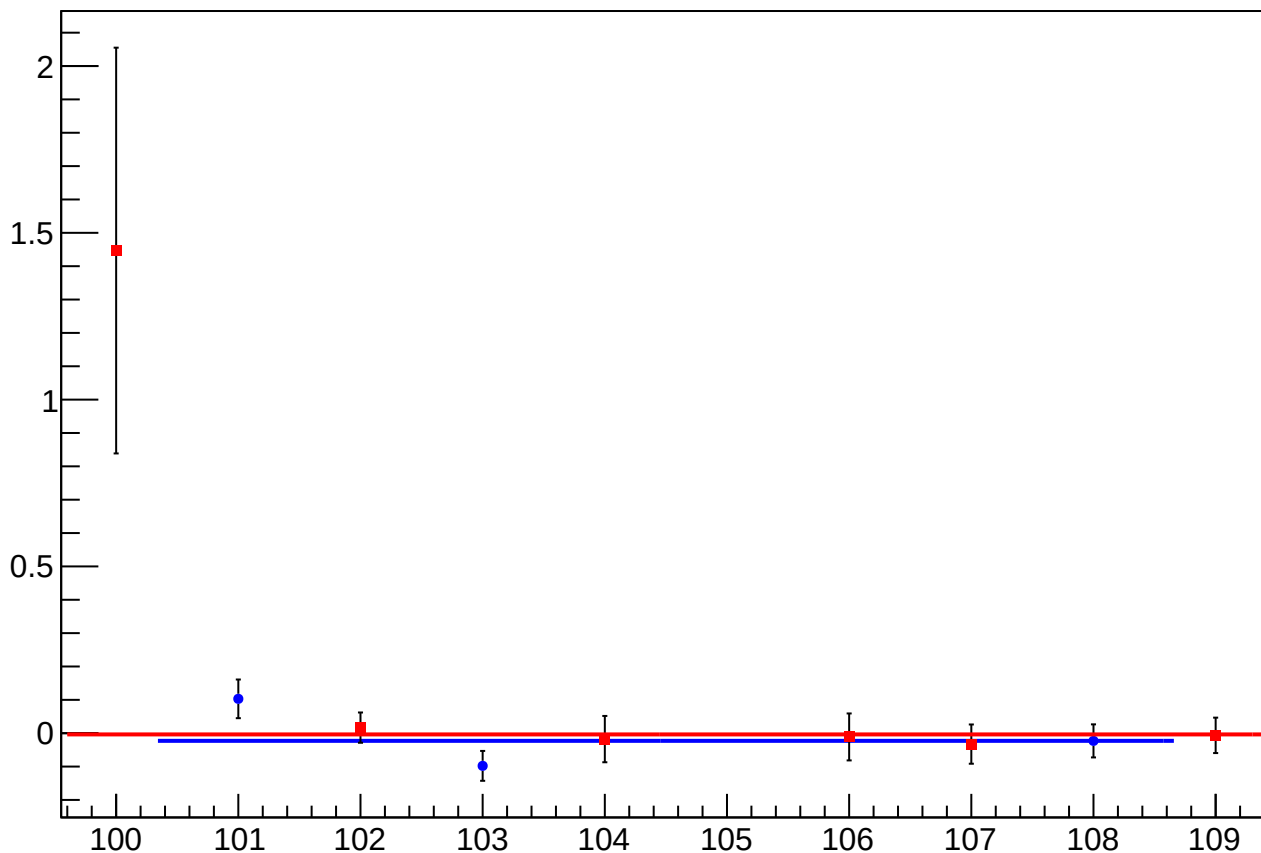
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.265+/-0.013 χ^2/NDF : 246713.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.023 $\pm$ 0.029 χ^2 /NDF: 7.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.004 $\pm$ 0.025 χ^2 /NDF: 6.2/5

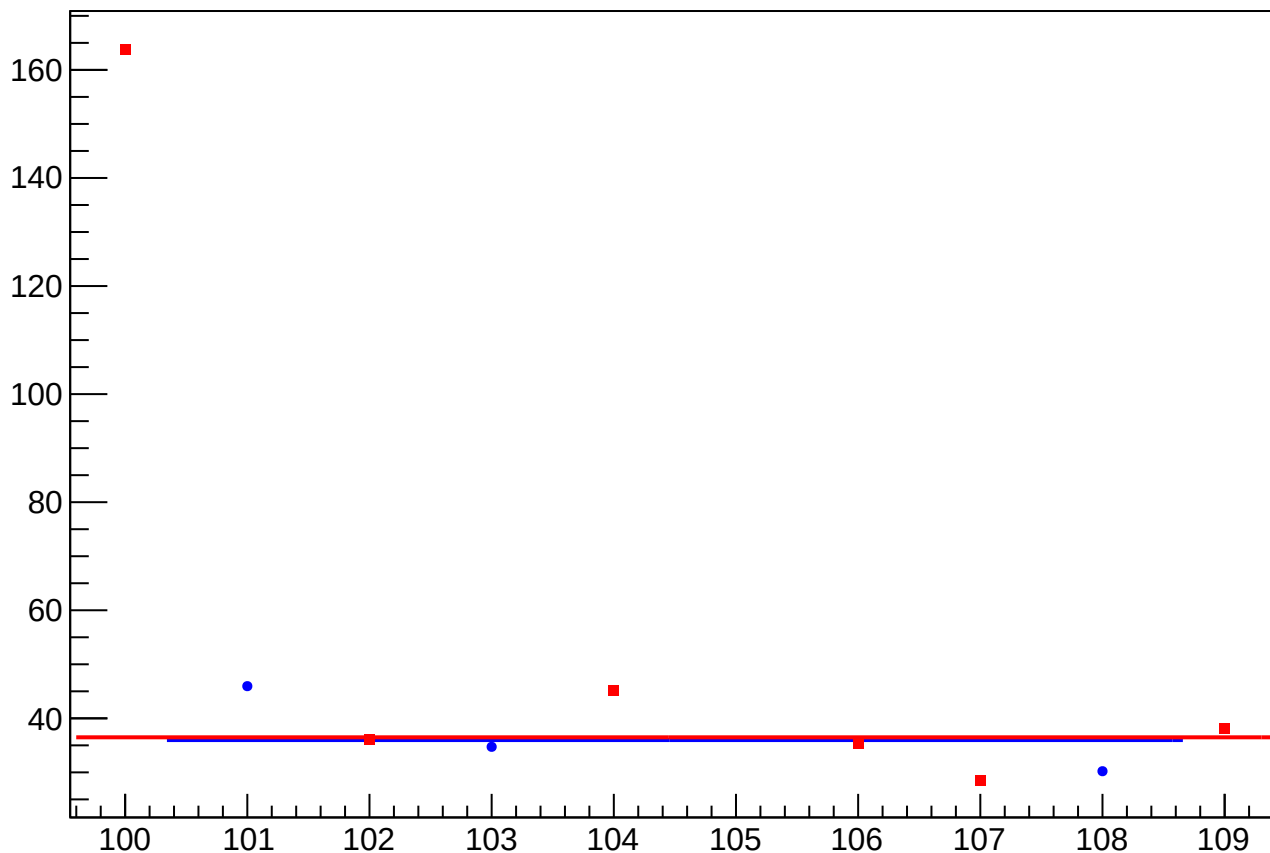
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.012 $\pm$ 0.019 χ^2 /NDF: 14.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 35.980 $\pm$ 0.020 χ^2 /NDF: 87860.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.488 $\pm$ 0.018 χ^2 /NDF: 158505.0/5

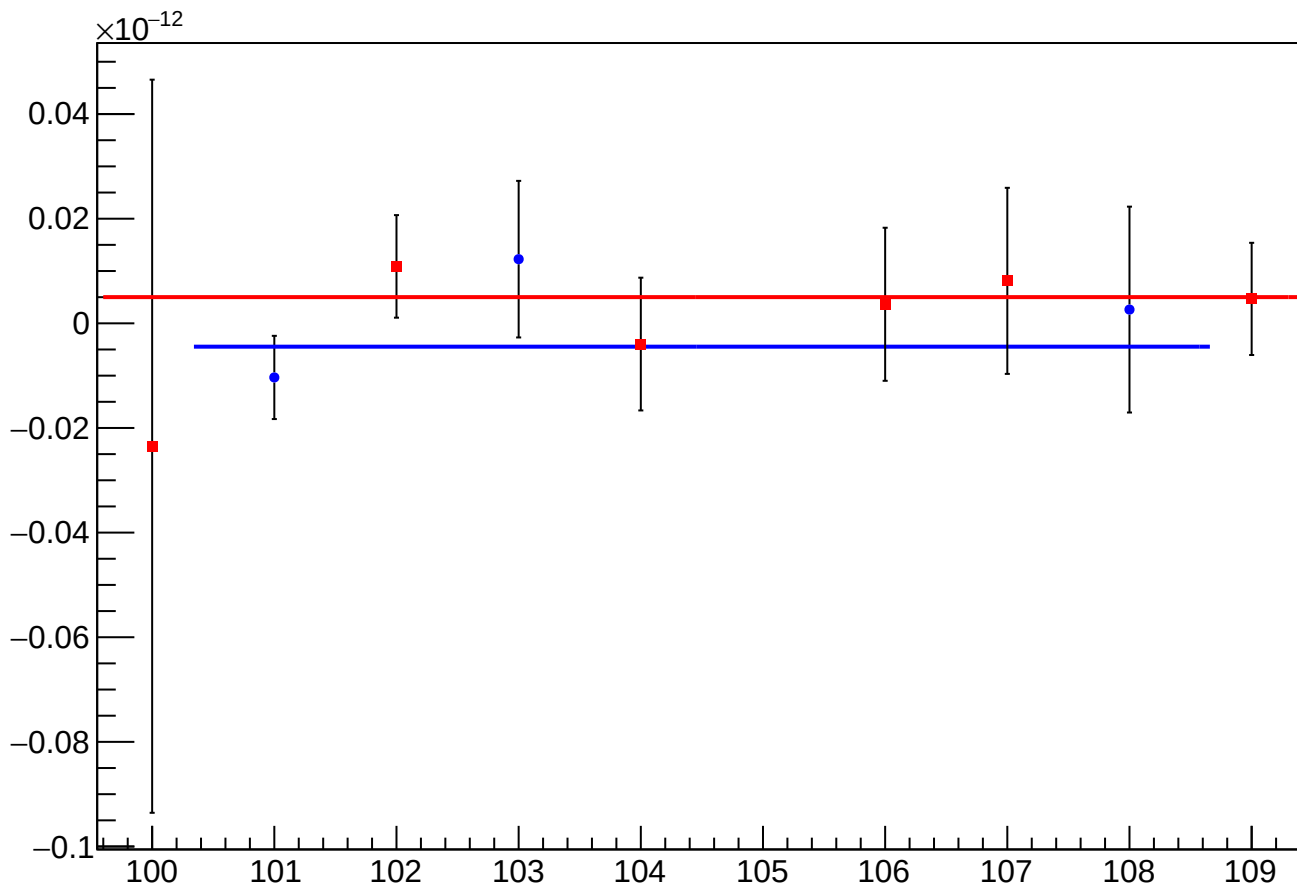
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.265 $\pm$ 0.013 χ^2 /NDF: 246713.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.1/5

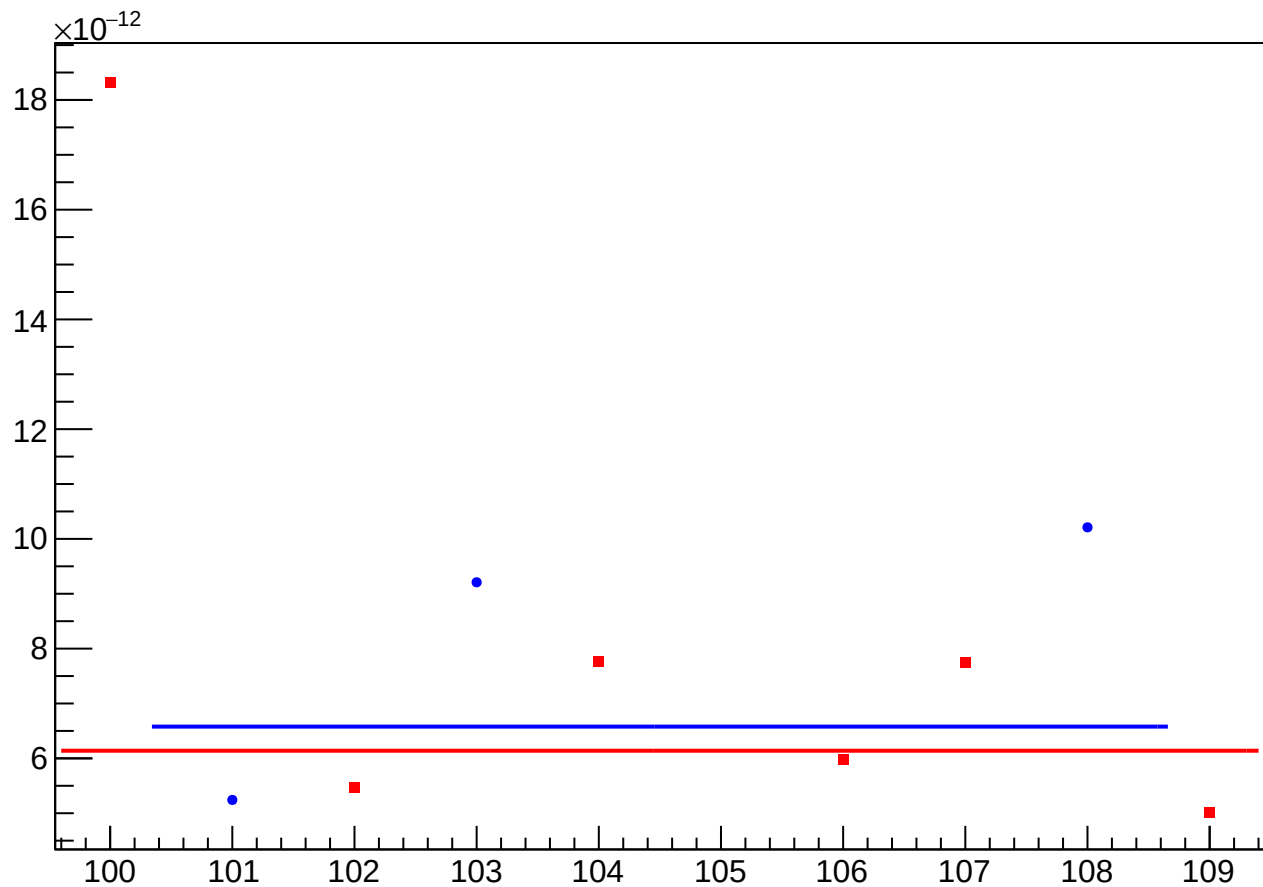
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 186390.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 141168.1/5

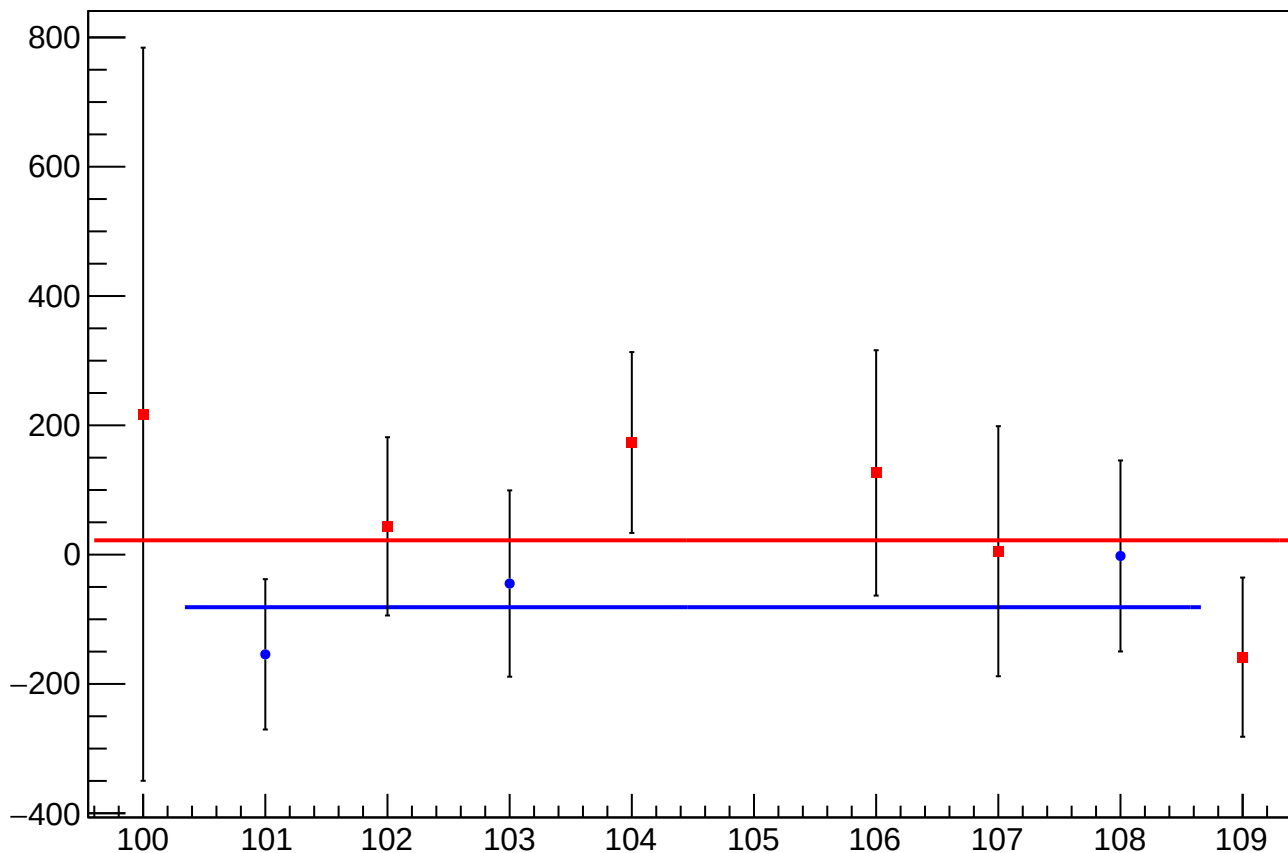
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 332799.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -81.301 $\pm$ 77.161 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.138 $\pm$ 66.324 χ^2 /NDF: 3.8/5

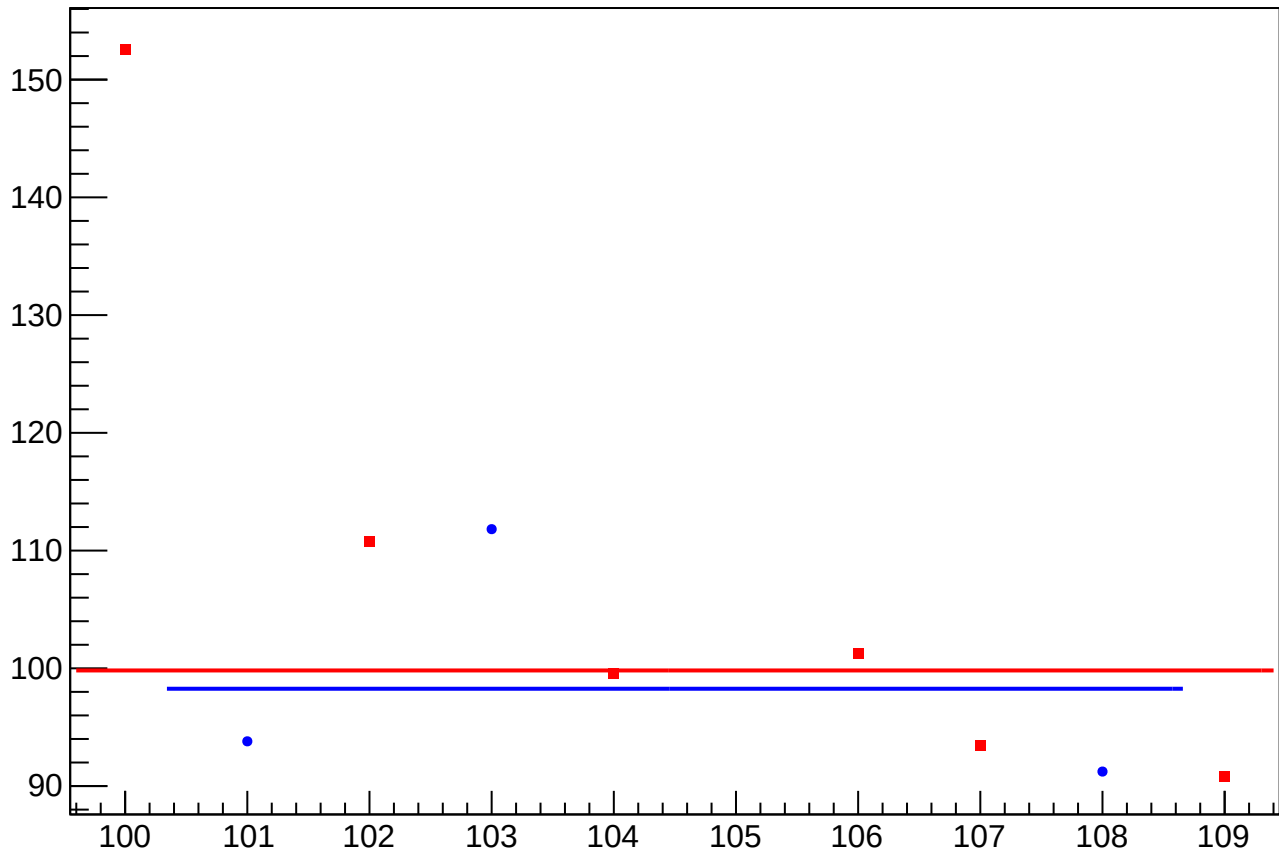
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.814 $\pm$ 50.297 χ^2 /NDF: 5.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 98.266+/-0.055 χ^2/NDF : 25179.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.819+/-0.047 χ^2/NDF : 42880.7/5

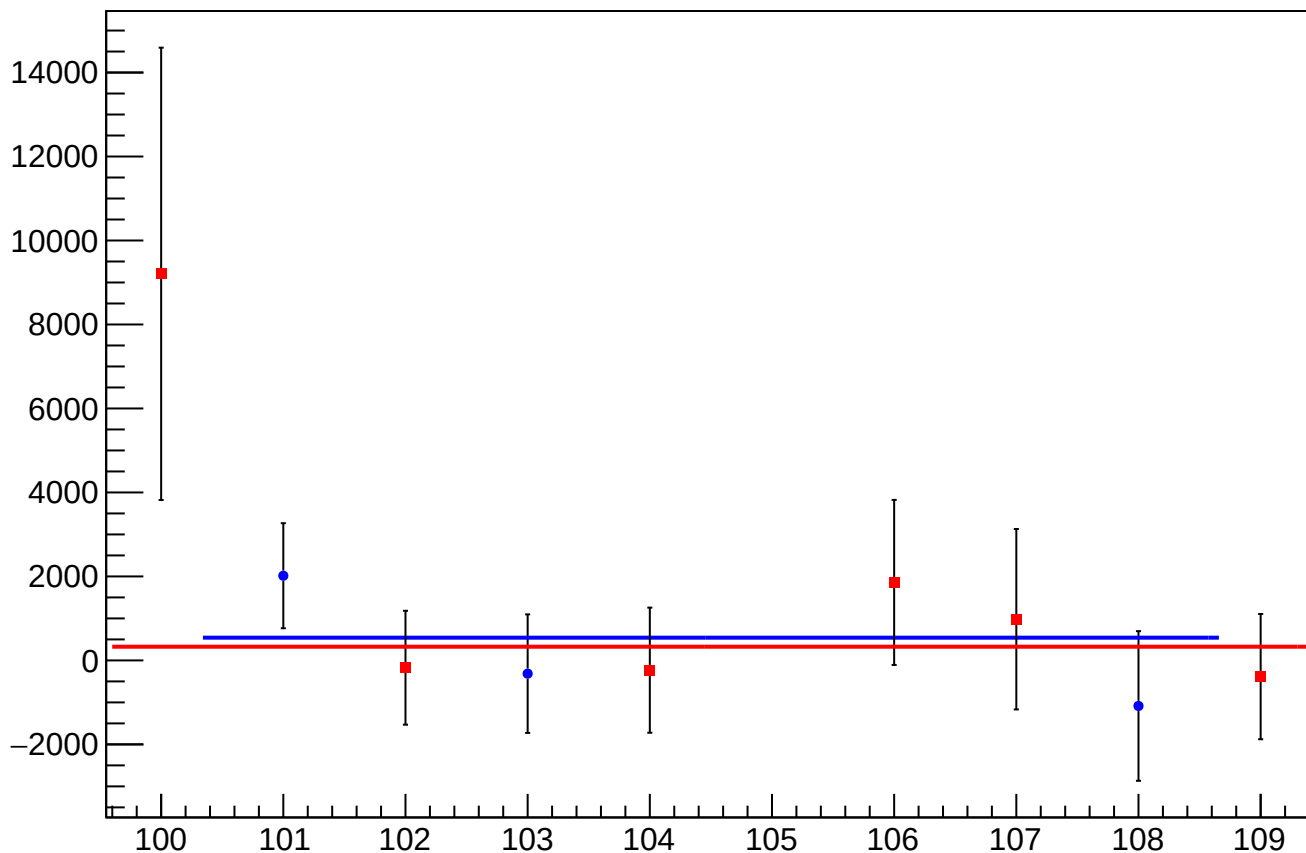
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.159+/-0.036 χ^2/NDF : 68526.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_mean vs Slug



Right In: 541.571 $\pm$ 828.949 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 326.286 $\pm$ 715.436 χ^2 /NDF: 3.9/5

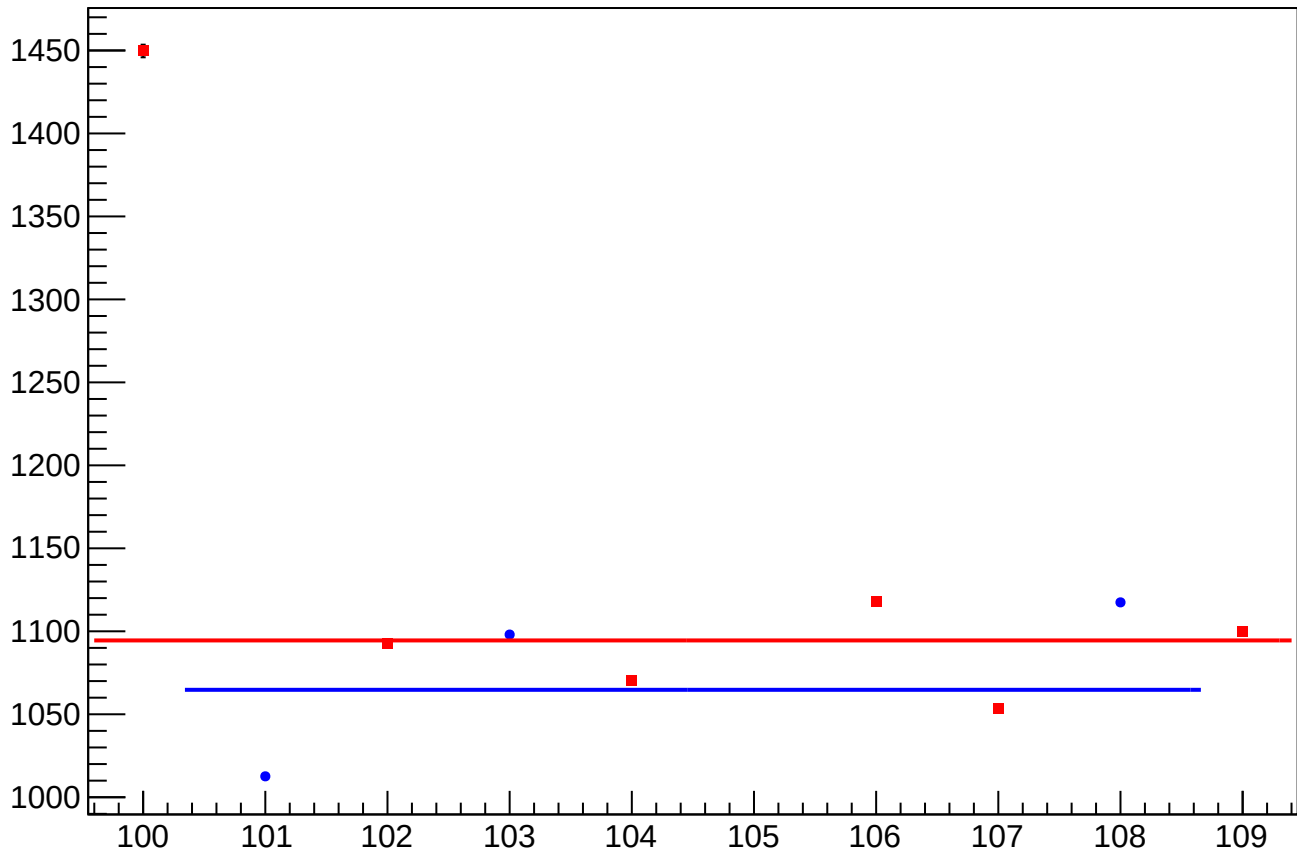
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 418.190 $\pm$ 541.612 χ^2 /NDF: 6.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



Right In: 1064.739 $\pm$ 0.586 χ^2 /NDF: 6332.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1094.498 $\pm$ 0.506 χ^2 /NDF: 10256.0/5

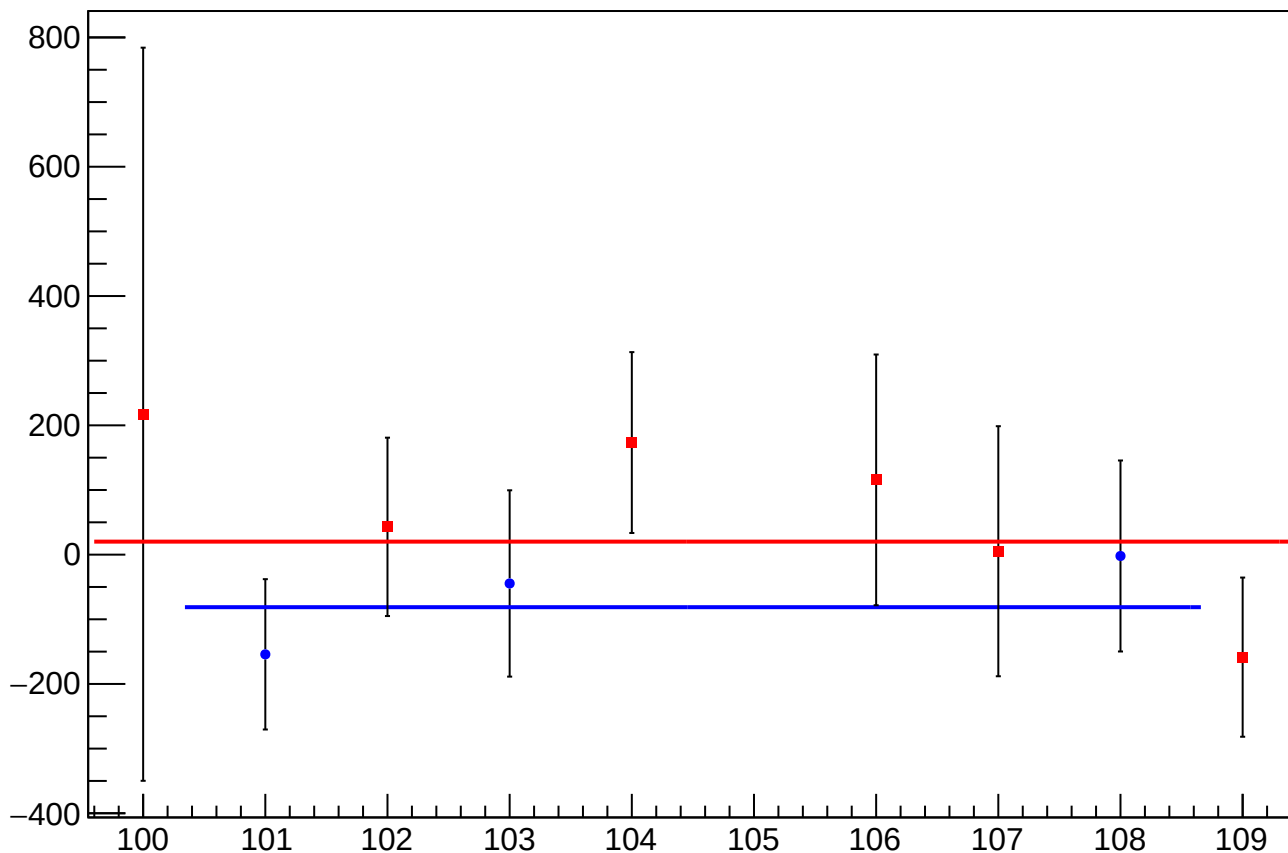
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1081.794 $\pm$ 0.383 χ^2 /NDF: 18065.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -81.260 $\pm$ 77.161 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.134 $\pm$ 66.505 χ^2 /NDF: 3.7/5

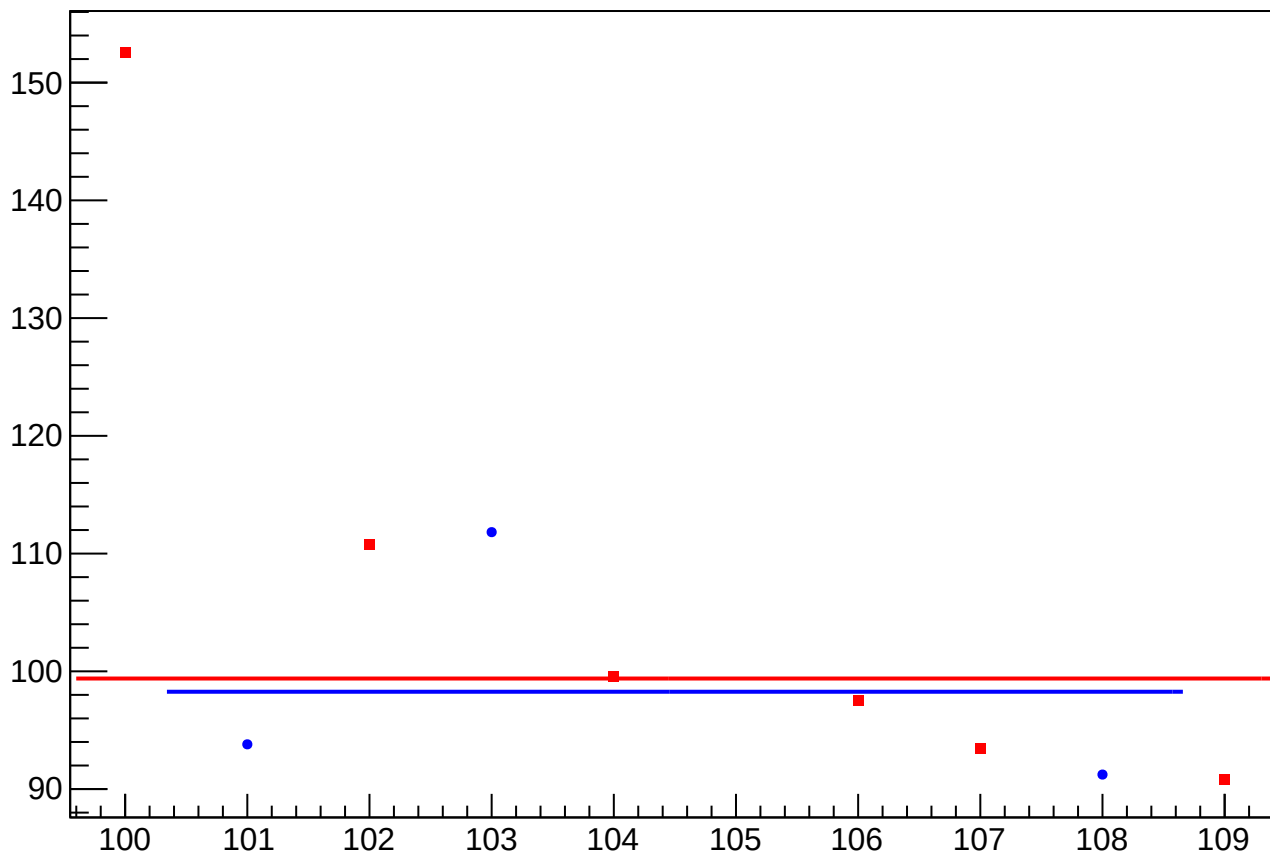
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.084 $\pm$ 50.376 χ^2 /NDF: 5.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 98.266+/-0.055 χ^2/NDF : 25180.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.389+/-0.047 χ^2/NDF : 43092.9/5

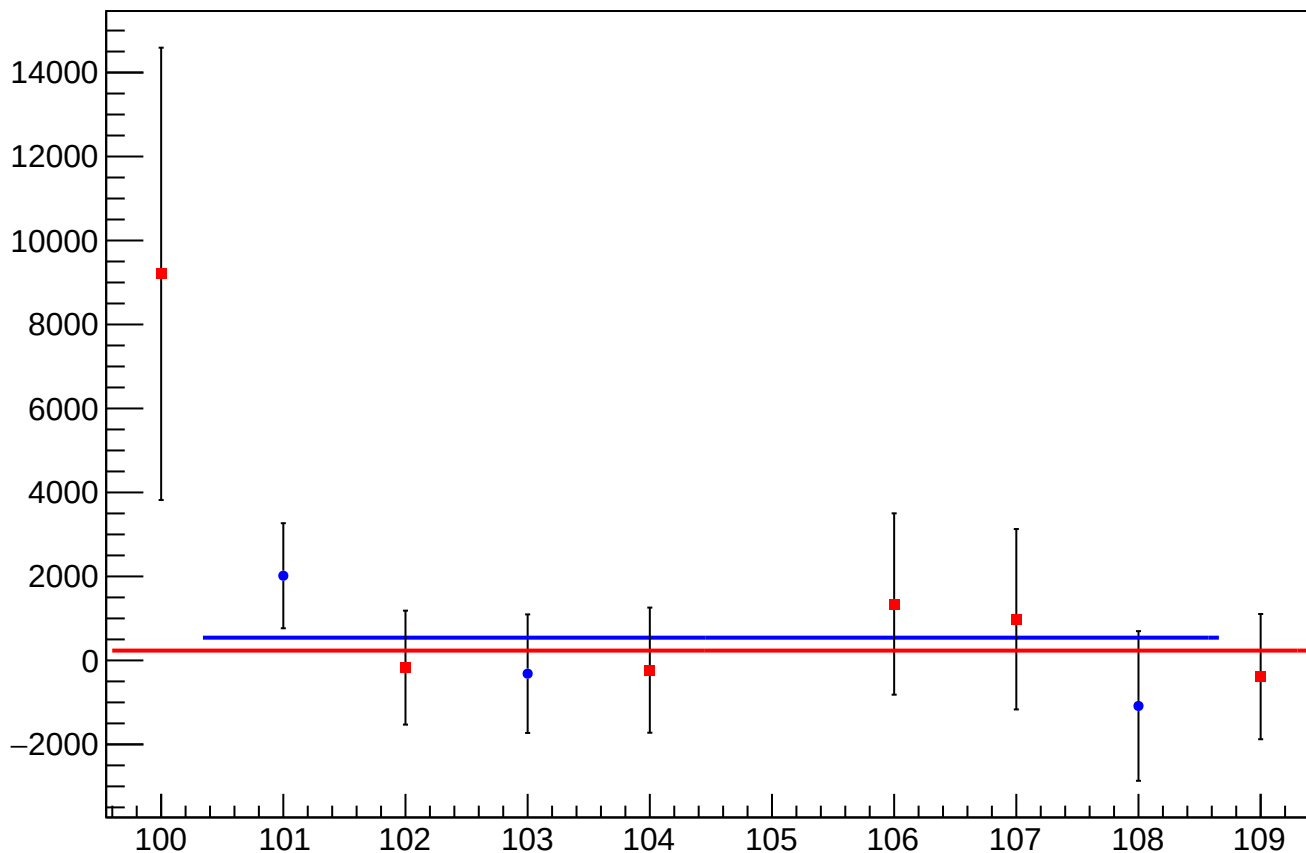
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.910+/-0.036 χ^2/NDF : 68516.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



Right In: 541.428 $\pm$ 828.965 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 233.955 $\pm$ 723.829 χ^2 /NDF: 3.5/5

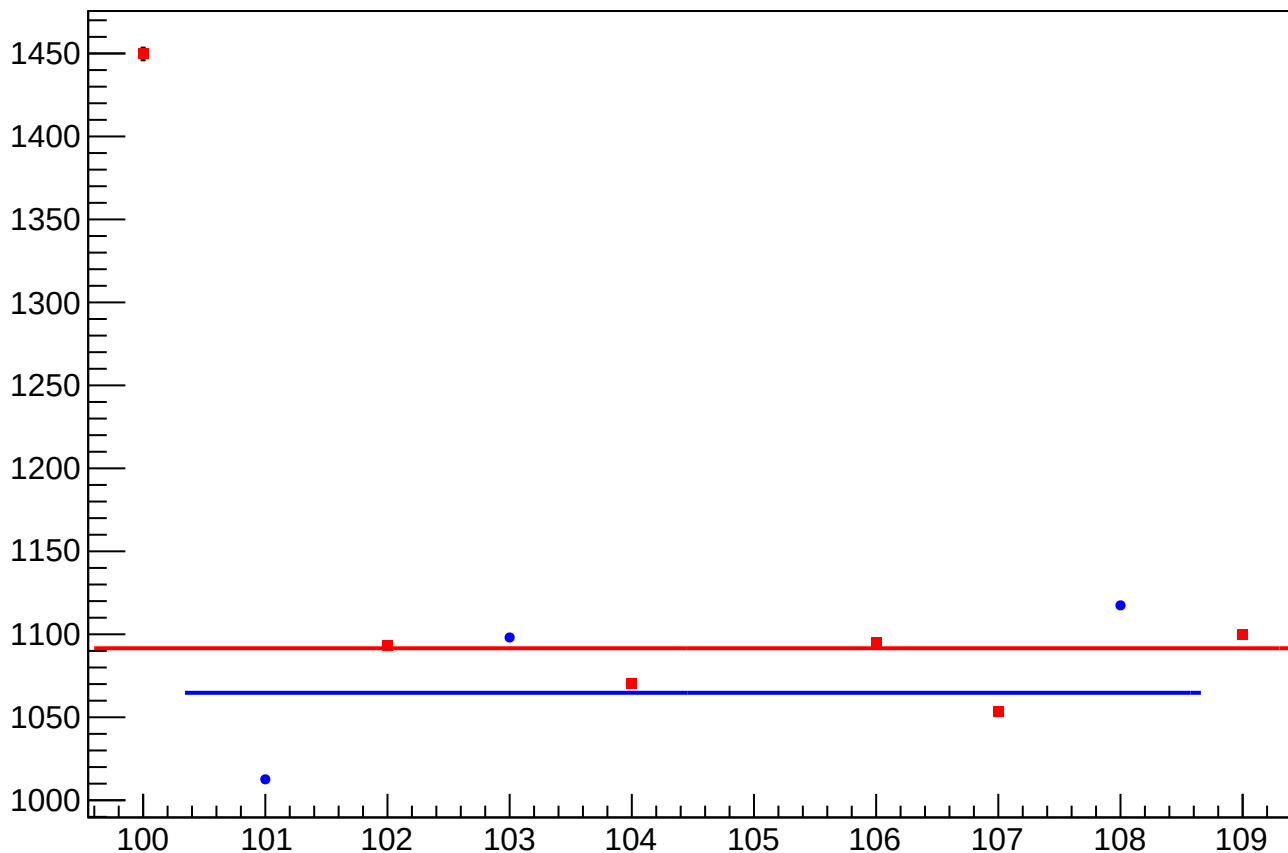
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 366.968 $\pm$ 545.230 χ^2 /NDF: 6.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 1064.757+/-0.586 χ^2/NDF : 6335.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1091.584+/-0.512 χ^2/NDF : 9941.9/5

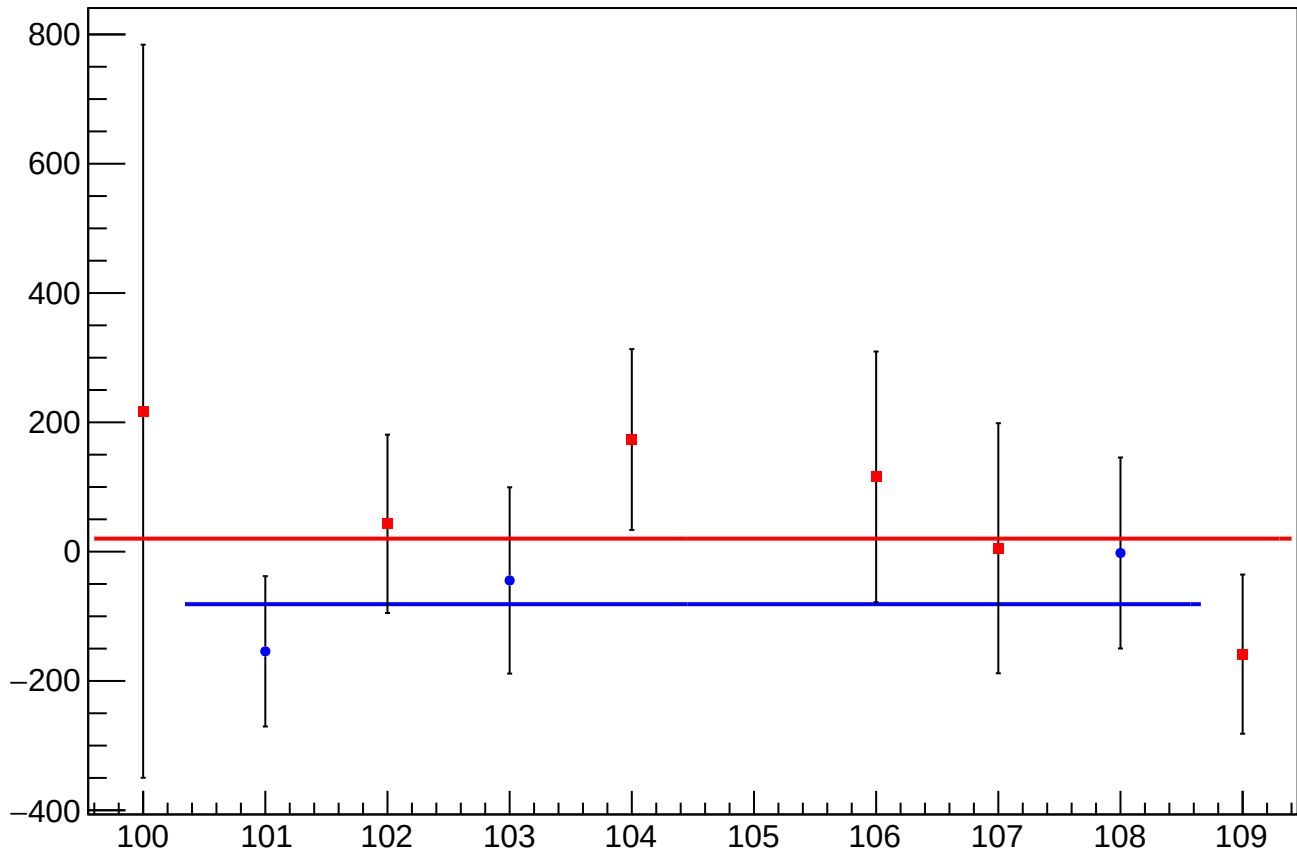
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1079.978+/-0.386 χ^2/NDF : 17466.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -81.260 $\pm$ 77.161 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.134 $\pm$ 66.505 χ^2 /NDF: 3.7/5

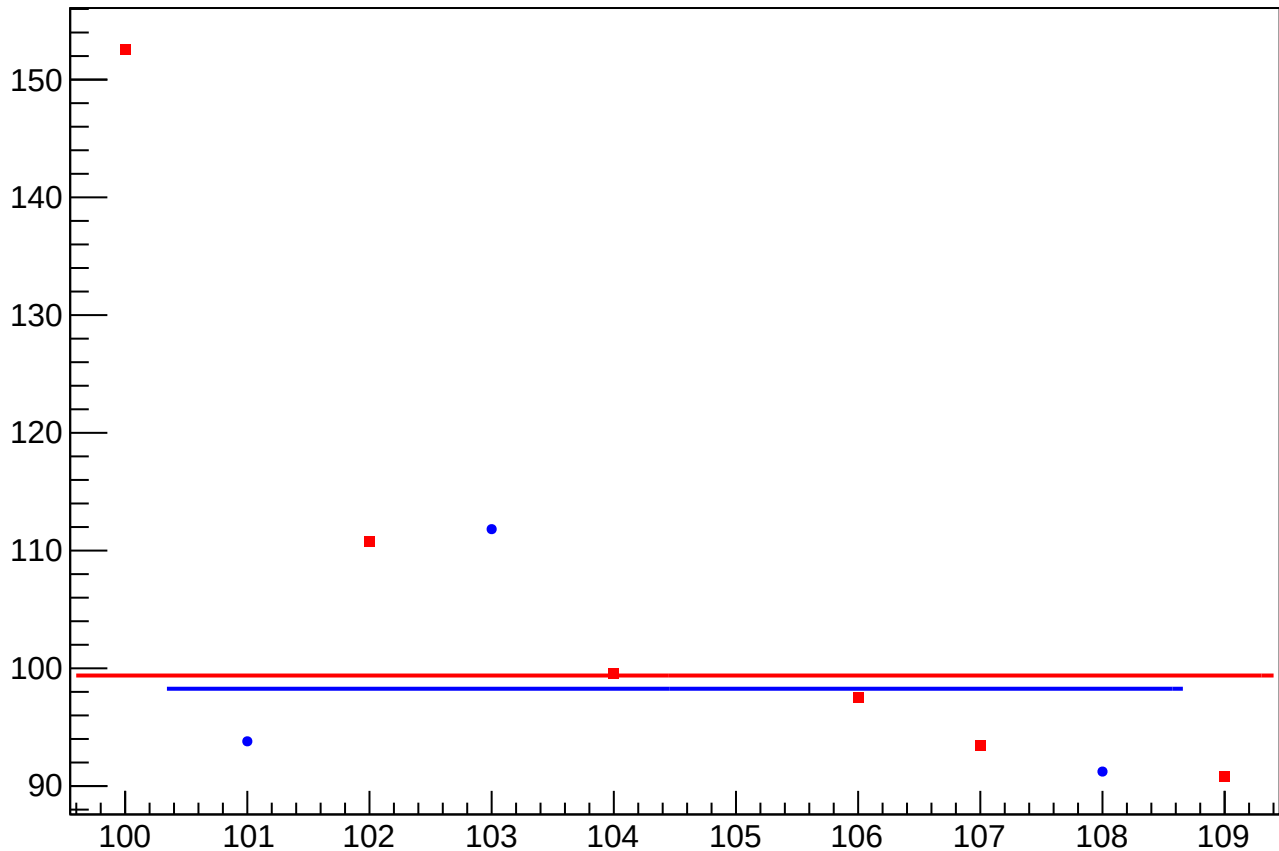
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.084 $\pm$ 50.376 χ^2 /NDF: 5.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 98.266+/-0.055 χ^2/NDF : 25180.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.389+/-0.047 χ^2/NDF : 43092.9/5

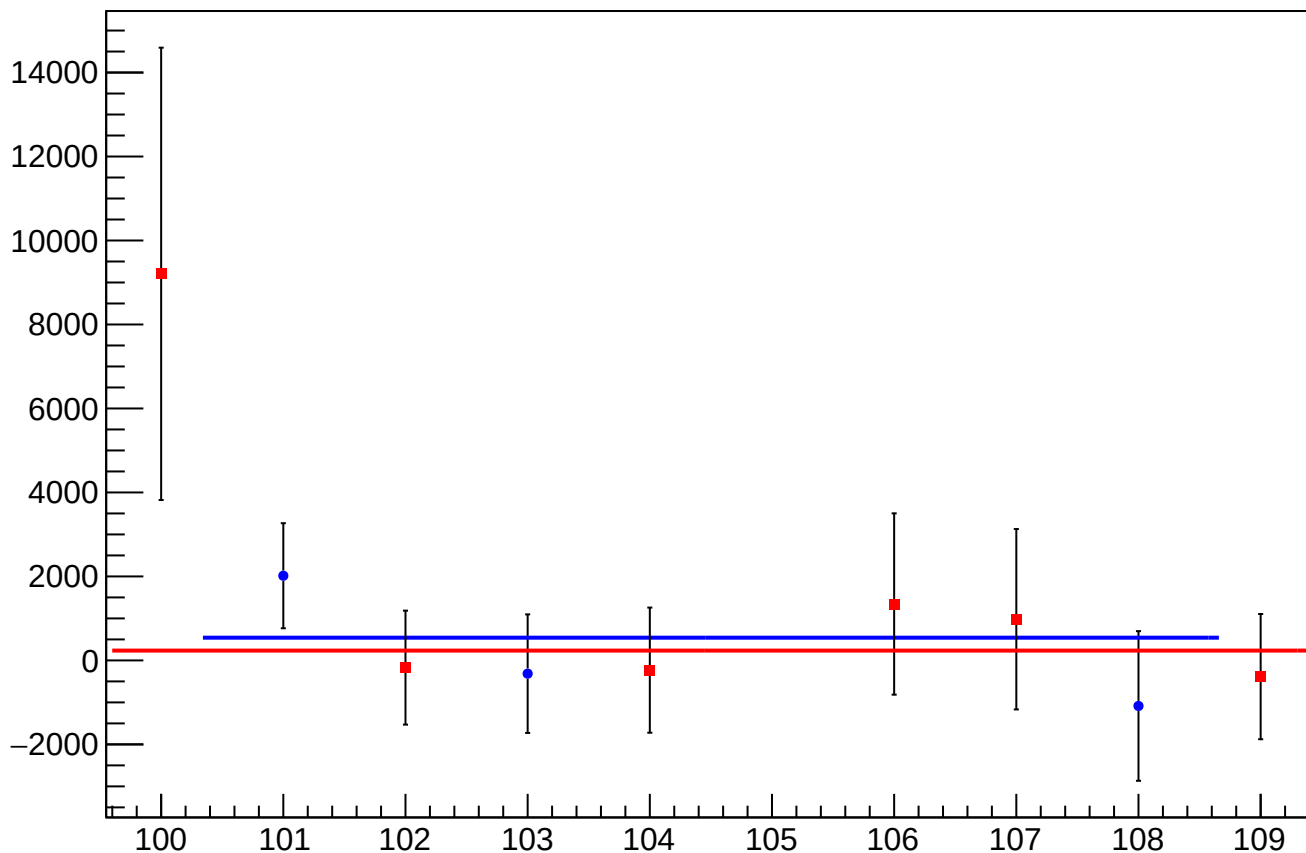
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.910+/-0.036 χ^2/NDF : 68516.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug



Right In: 541.428+/-828.965 χ^2/NDF : 2.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 233.955+/-723.829 χ^2/NDF : 3.5/5

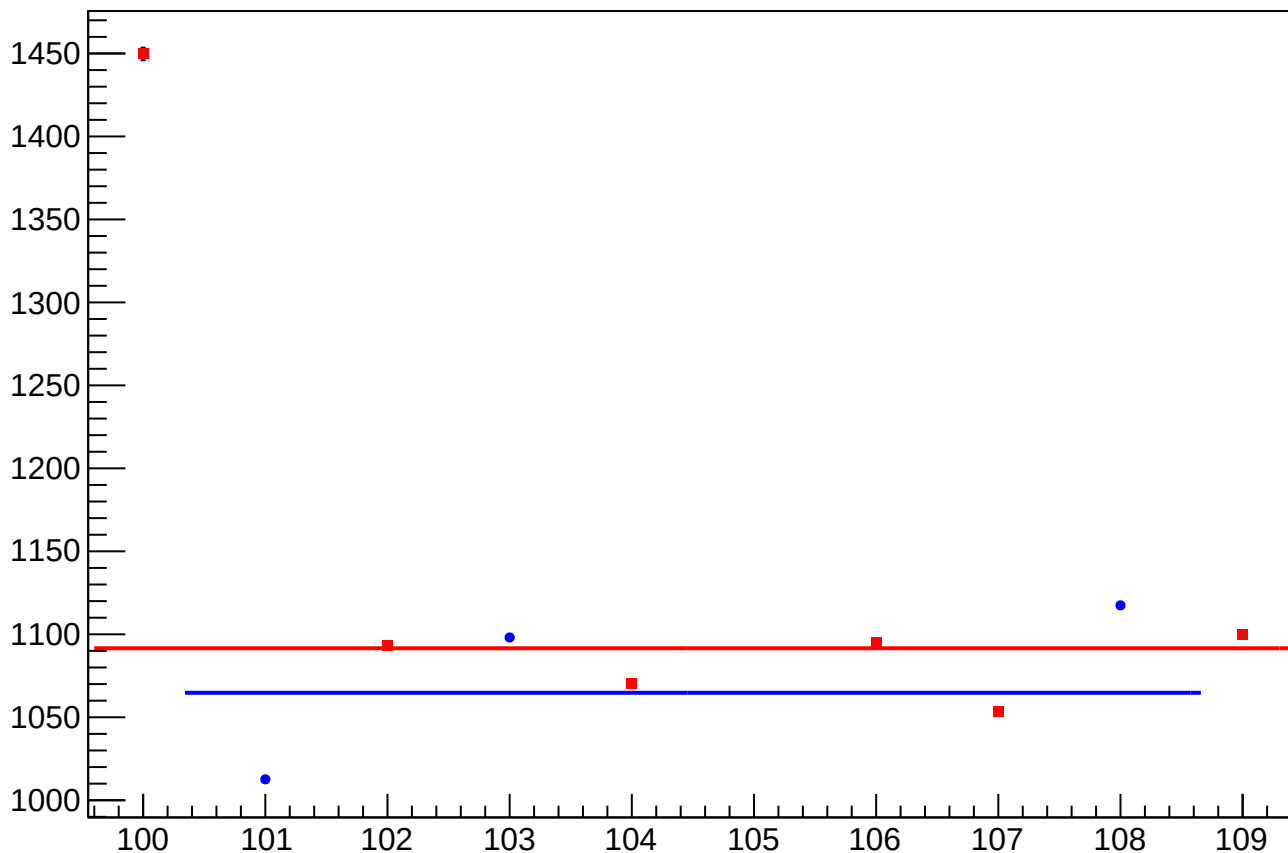
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 366.968+/-545.230 χ^2/NDF : 6.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug



Right In: 1064.757 $\pm$ 0.586 χ^2 /NDF: 6335.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1091.584 $\pm$ 0.512 χ^2 /NDF: 9941.9/5

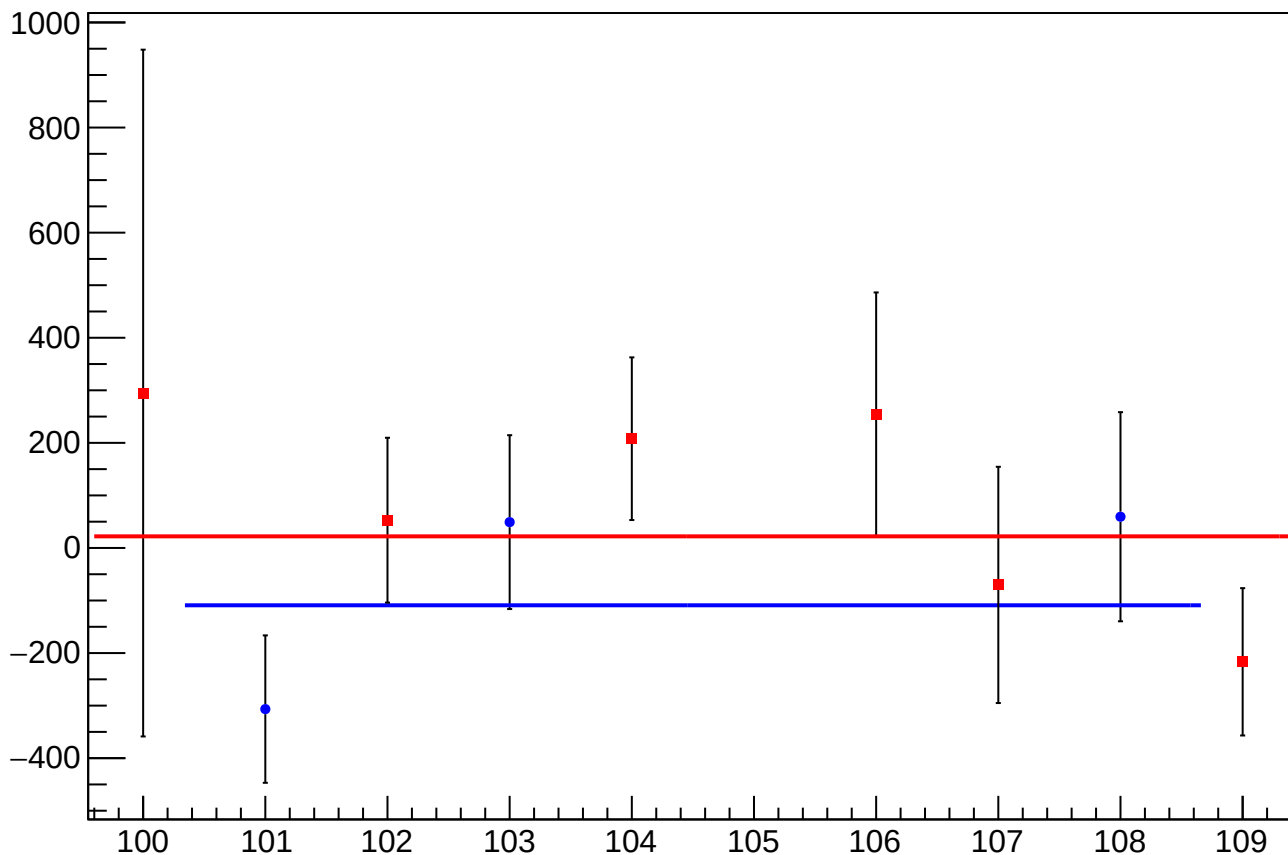
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1079.978 $\pm$ 0.386 χ^2 /NDF: 17466.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -109.092 ± 94.218 χ^2/NDF : 3.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 22.104 ± 75.795 χ^2/NDF : 5.7/5

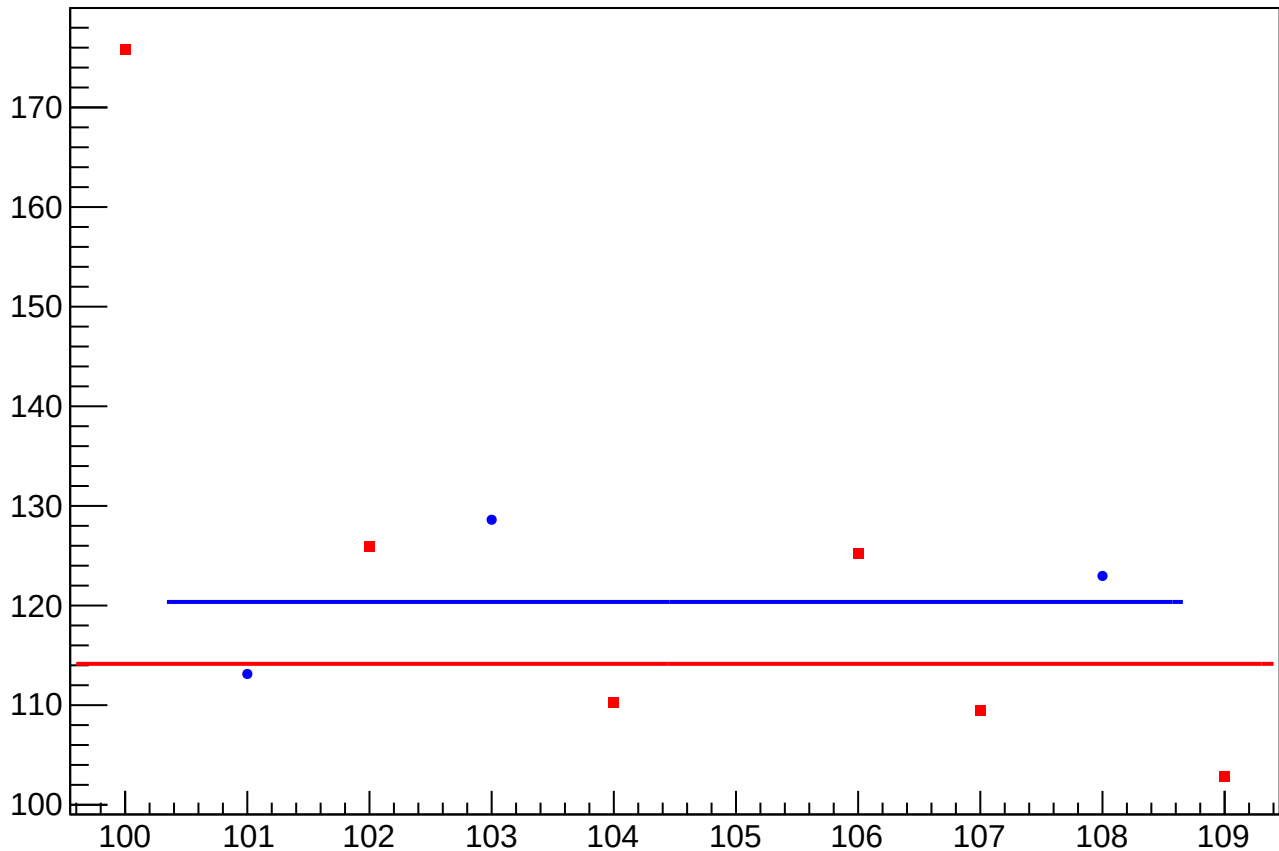
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.442 ± 59.057 χ^2/NDF : 10.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 120.362 $\pm$ 0.067 χ^2 /NDF: 10635.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.148 $\pm$ 0.054 χ^2 /NDF: 48942.0/5

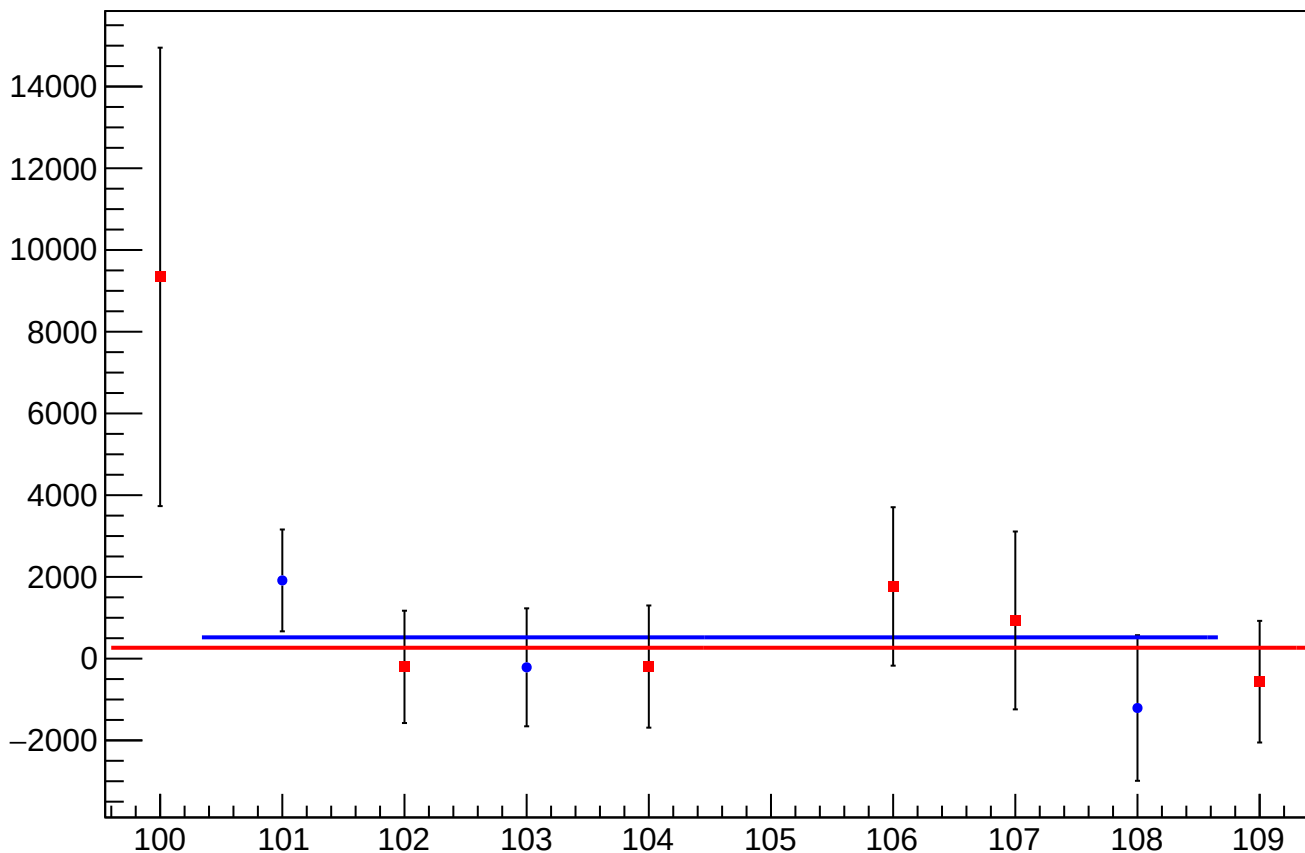
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.590 $\pm$ 0.042 χ^2 /NDF: 64859.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 521.195 $\pm$ 833.565 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.515 $\pm$ 718.448 χ^2 /NDF: 3.8/5

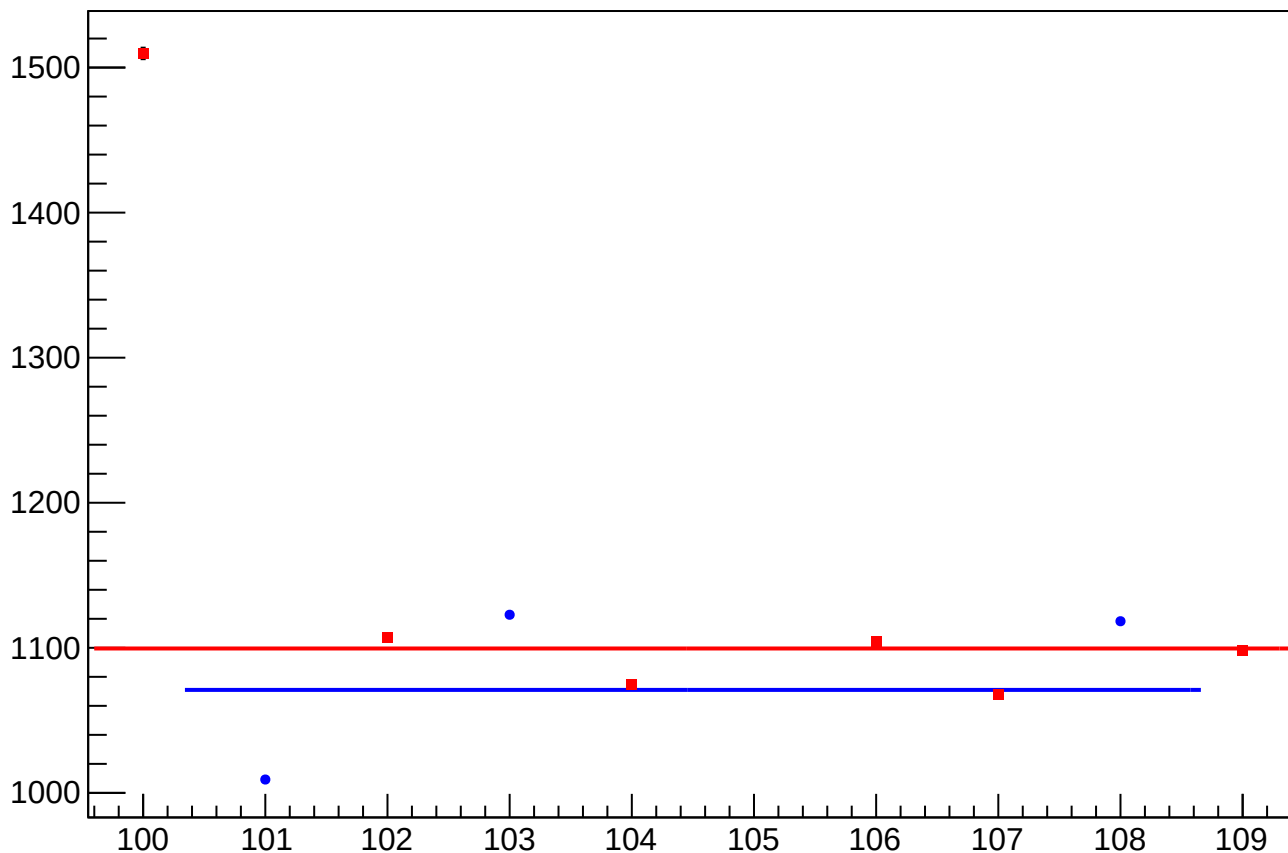
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 375.068 $\pm$ 544.206 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 1070.988+/-0.589 χ^2/NDF : 8905.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1099.535+/-0.508 χ^2/NDF : 11764.6/5

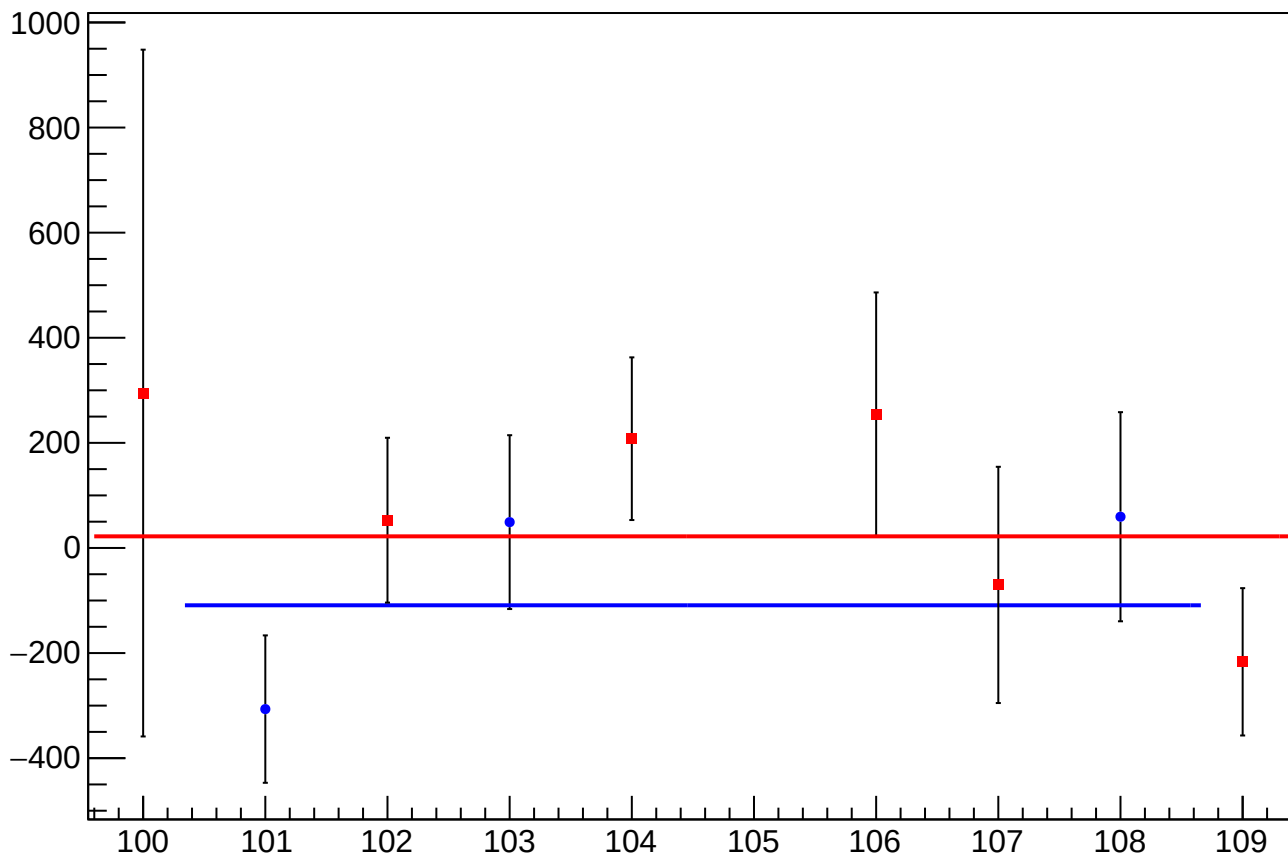
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.367+/-0.385 χ^2/NDF : 22015.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -109.090 $\pm$ 94.218 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.106 $\pm$ 75.795 χ^2 /NDF: 5.7/5

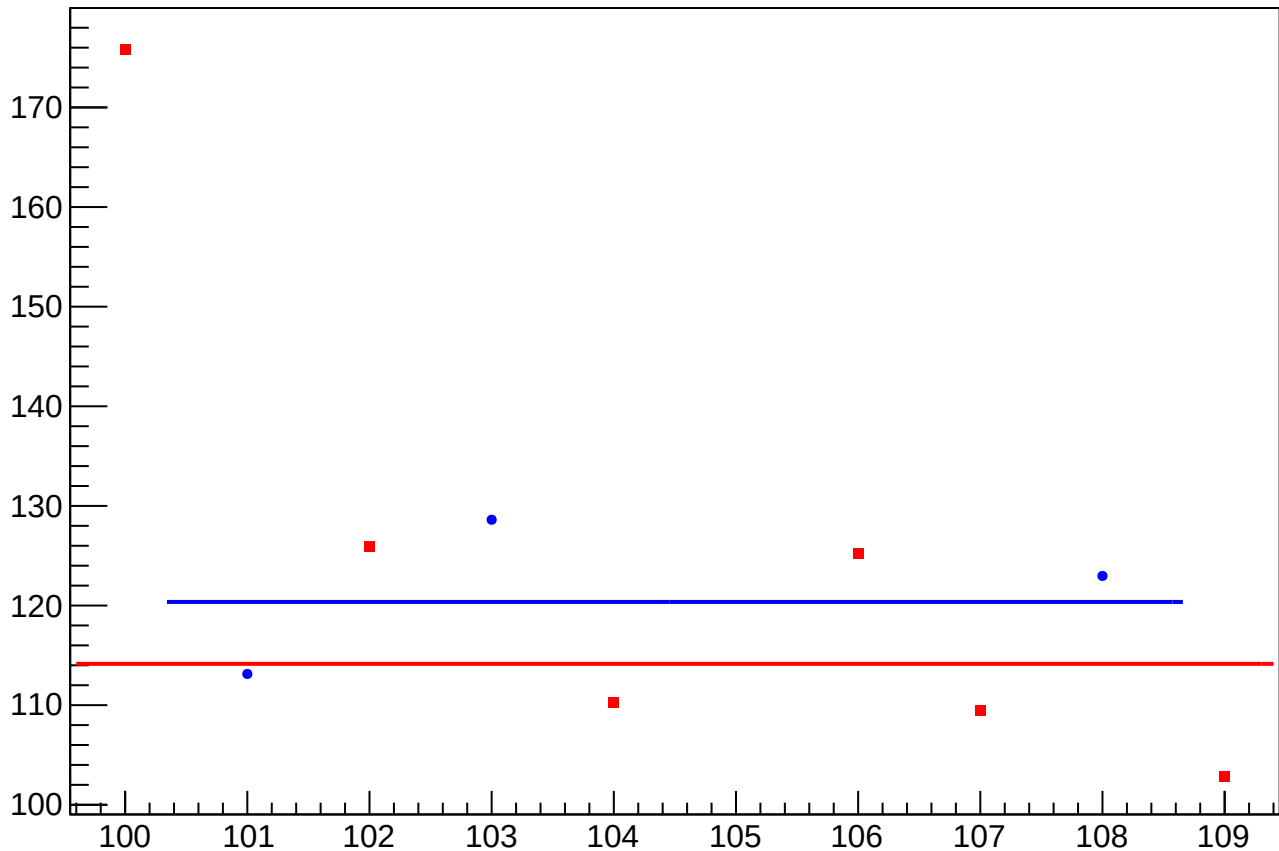
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.440 $\pm$ 59.057 χ^2 /NDF: 10.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 120.362 $\pm$ 0.067 χ^2 /NDF: 10634.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 114.148 $\pm$ 0.054 χ^2 /NDF: 48941.4/5

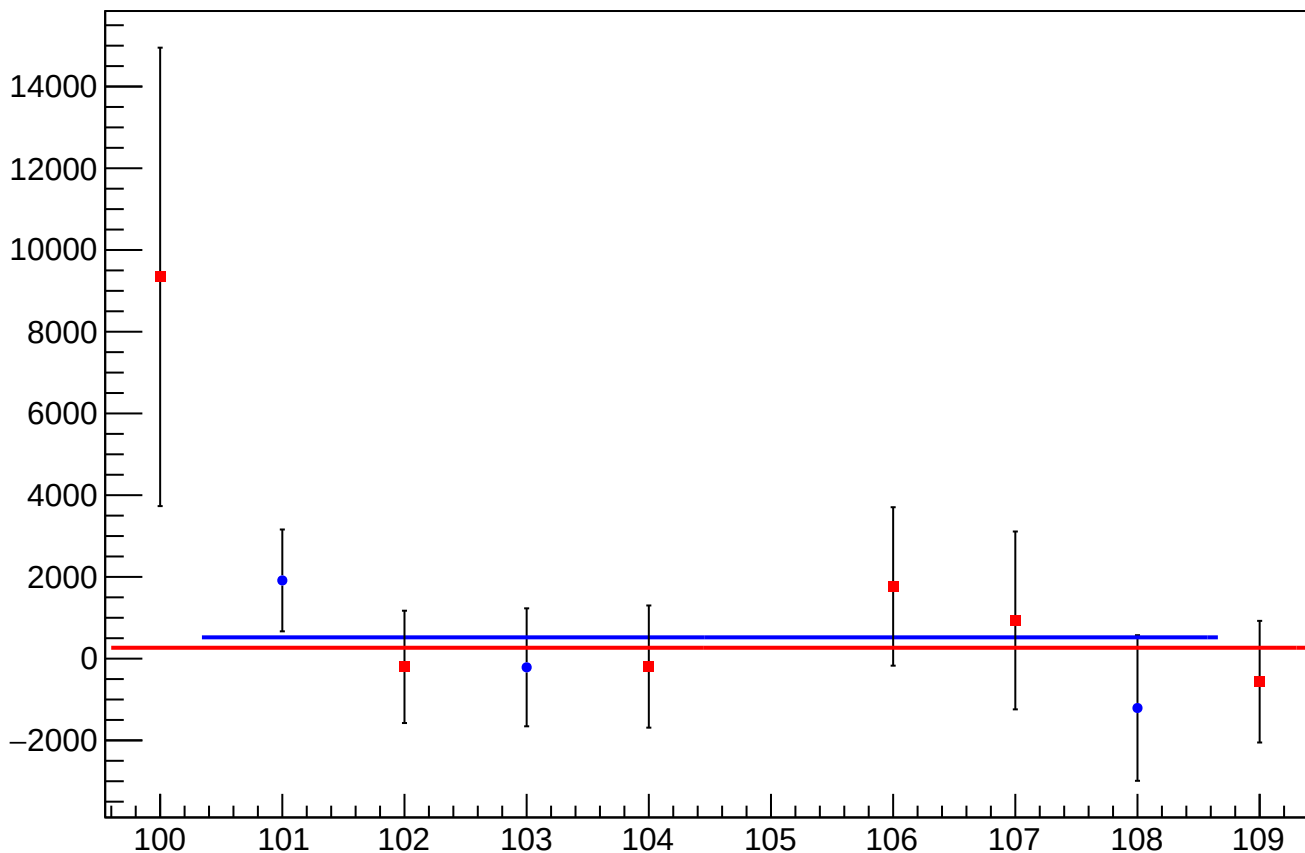
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.589 $\pm$ 0.042 χ^2 /NDF: 64858.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug



Right In: 521.195 $\pm$ 833.563 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 266.514 $\pm$ 718.446 χ^2 /NDF: 3.8/5

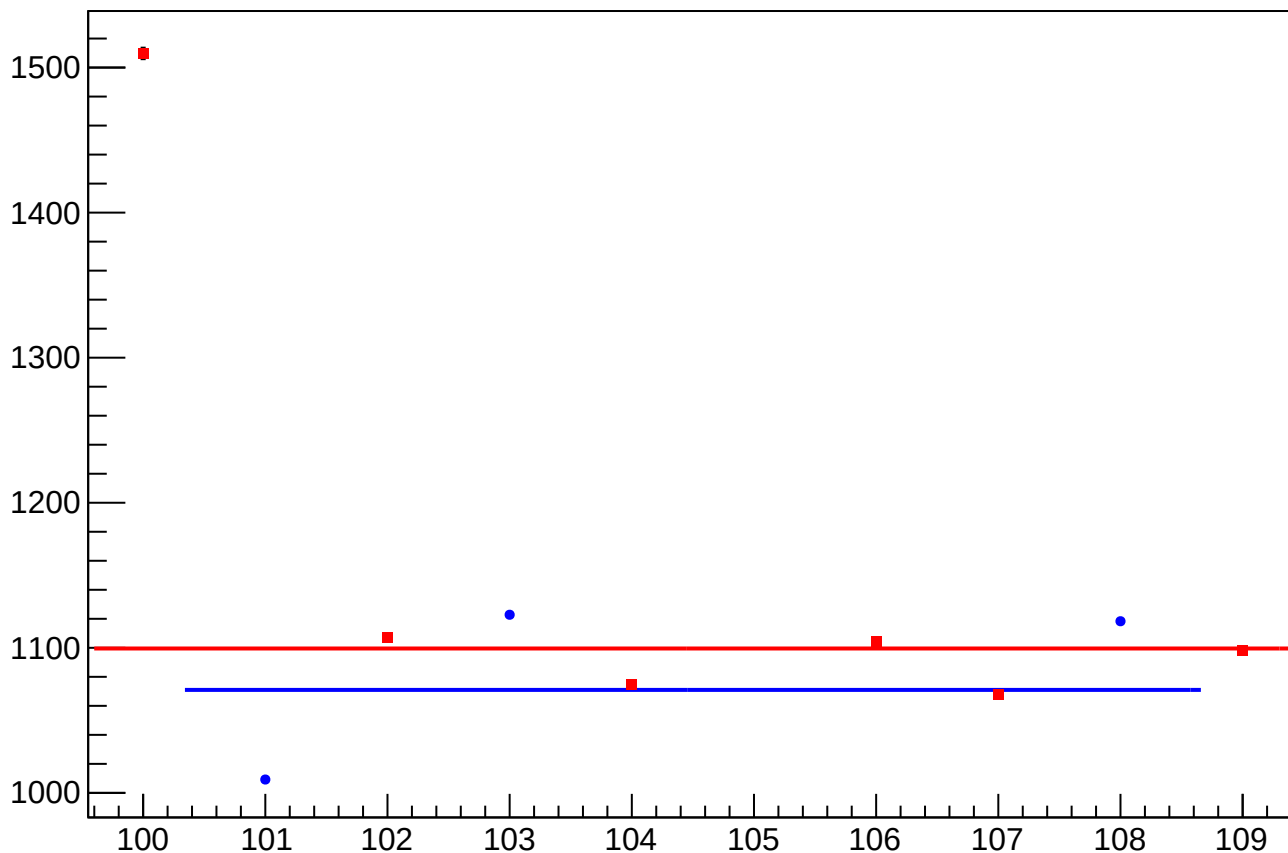
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 375.068 $\pm$ 544.204 χ^2 /NDF: 6.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



Right In: 1070.986 $\pm$ 0.589 χ^2 /NDF: 8904.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1099.533 $\pm$ 0.508 χ^2 /NDF: 11764.7/5

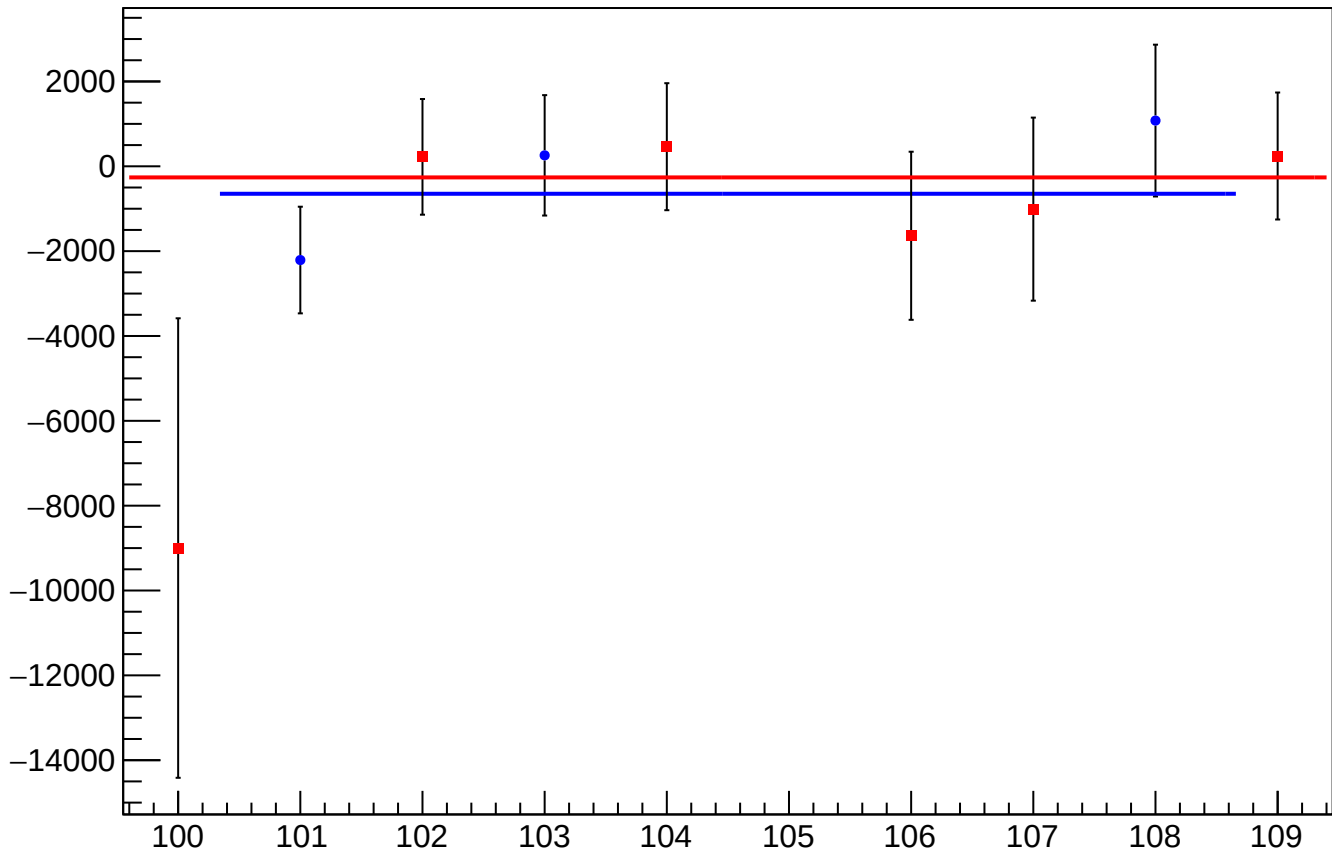
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1087.365 $\pm$ 0.385 χ^2 /NDF: 22015.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: -647.520+/-832.835 χ^2 /NDF: 2.9/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -261.863+/-719.030 χ^2 /NDF: 3.7/5

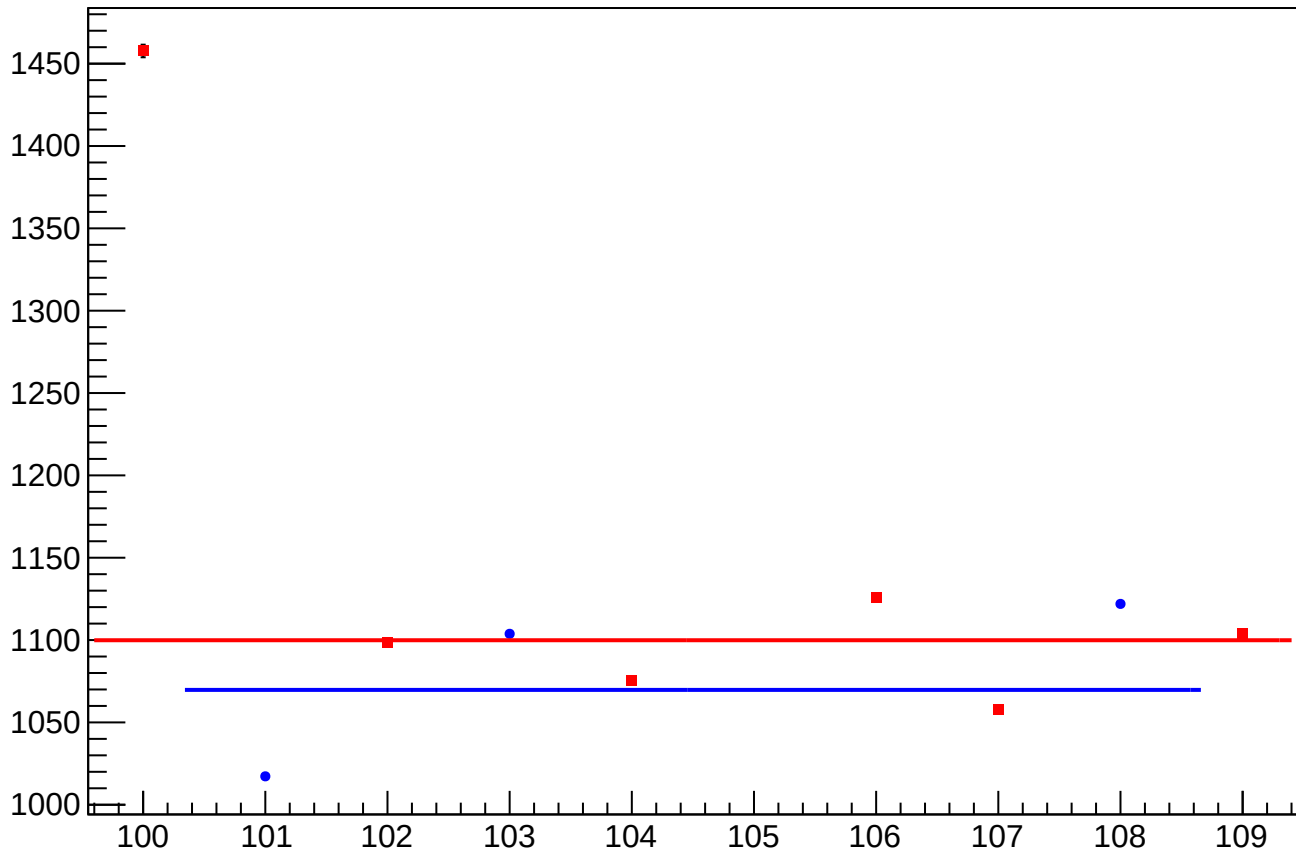
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -426.561+/-544.255 χ^2 /NDF: 6.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 1069.739 $\pm$ 0.589 χ^2 /NDF: 6342.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1099.892 $\pm$ 0.508 χ^2 /NDF: 10375.0/5

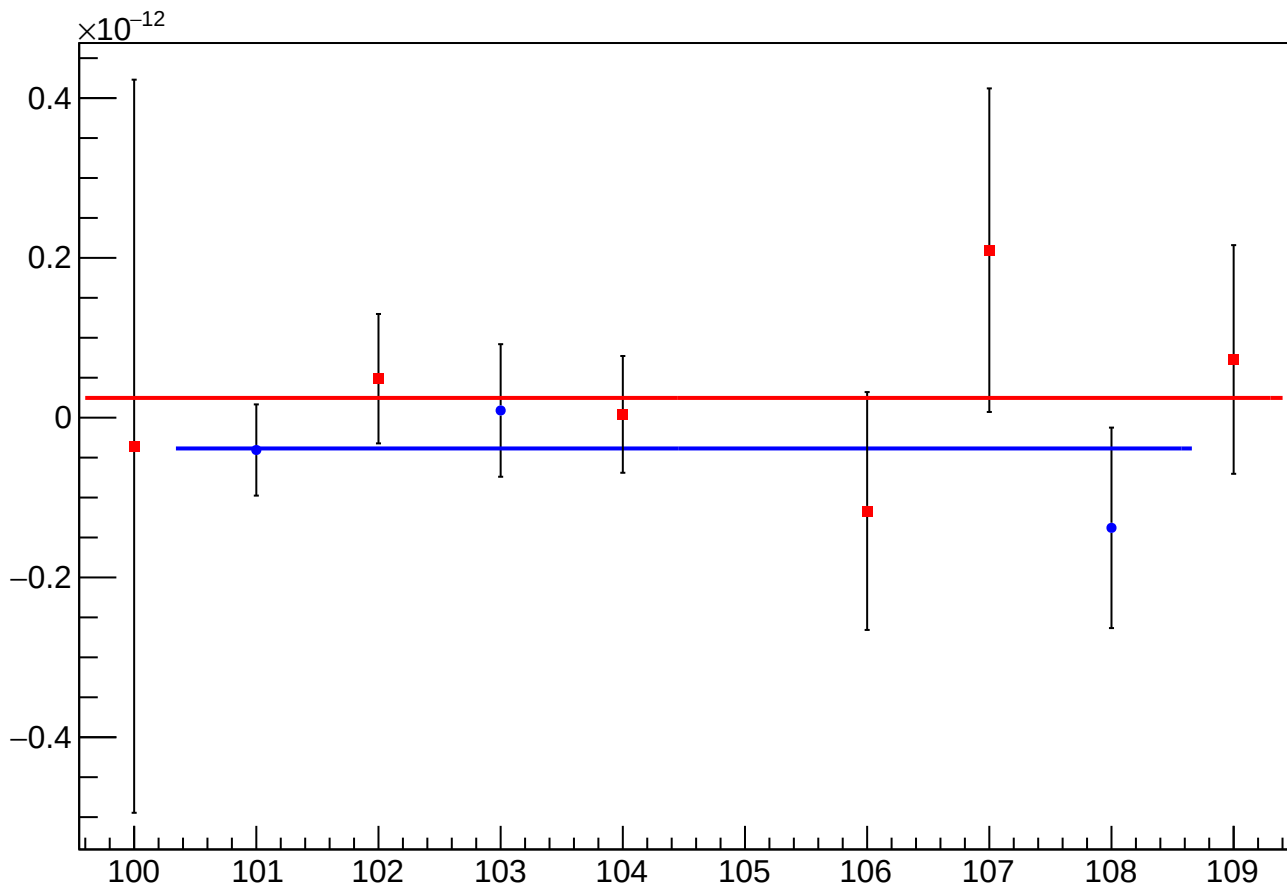
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1087.015 $\pm$ 0.385 χ^2 /NDF: 18219.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.0/5

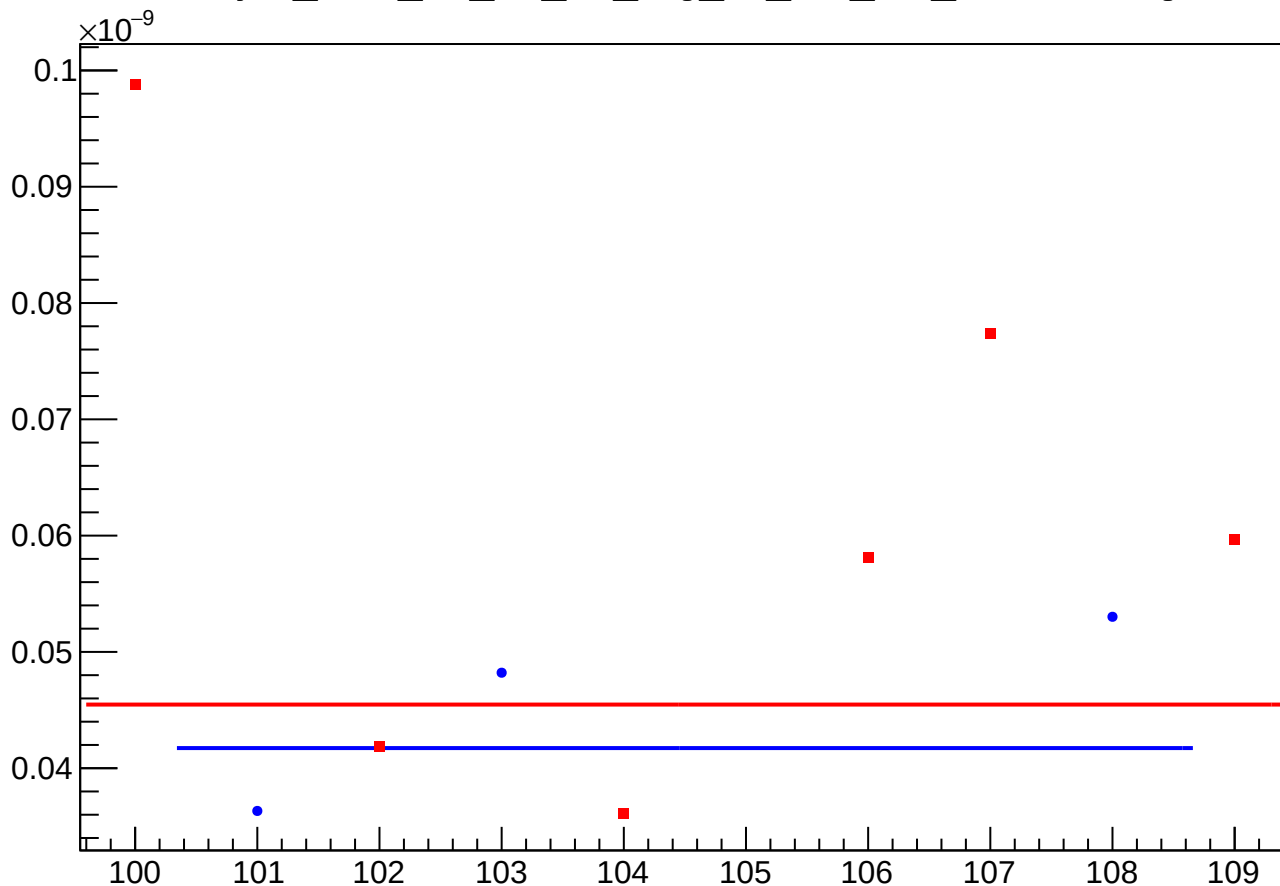
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 4.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 46319.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 147622.5/5

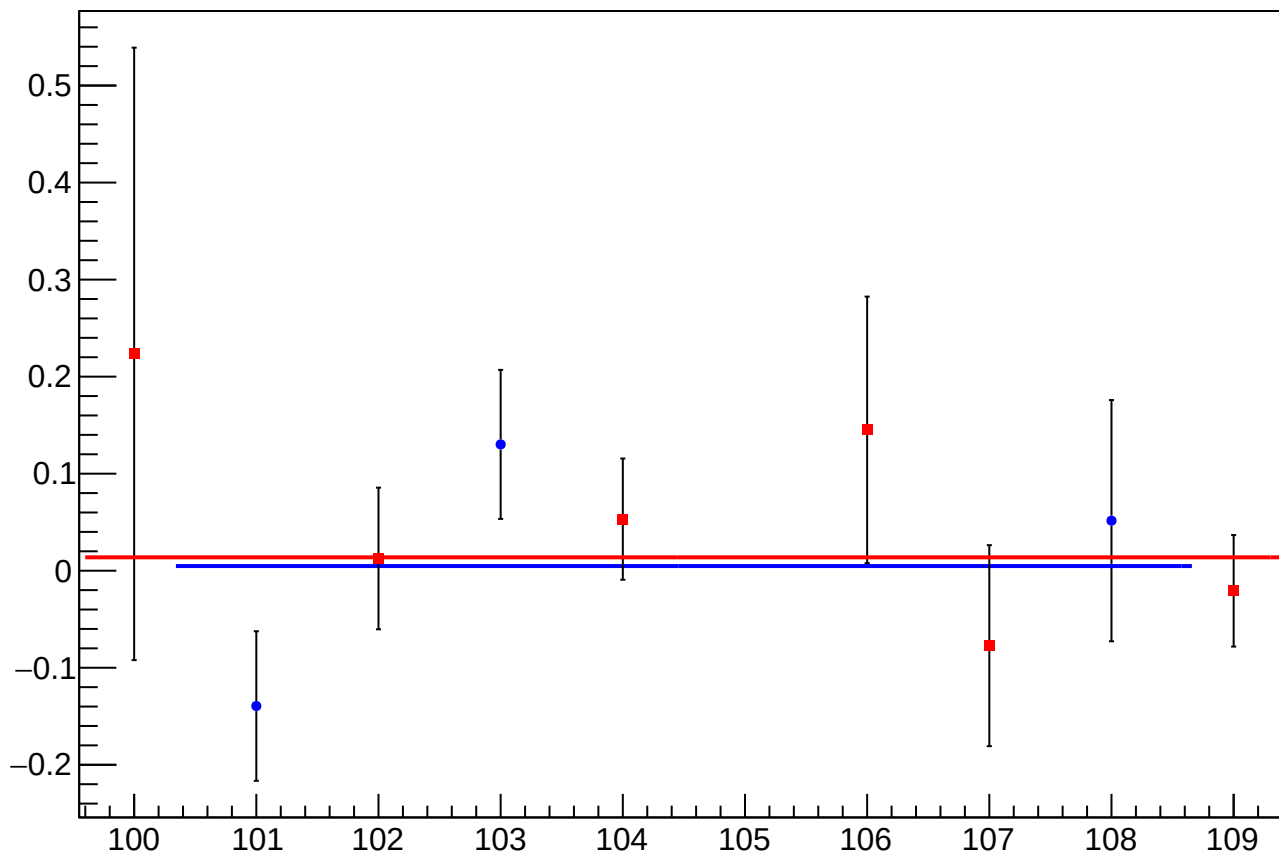
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 200767.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.033 χ^2 /NDF: 2.9/5

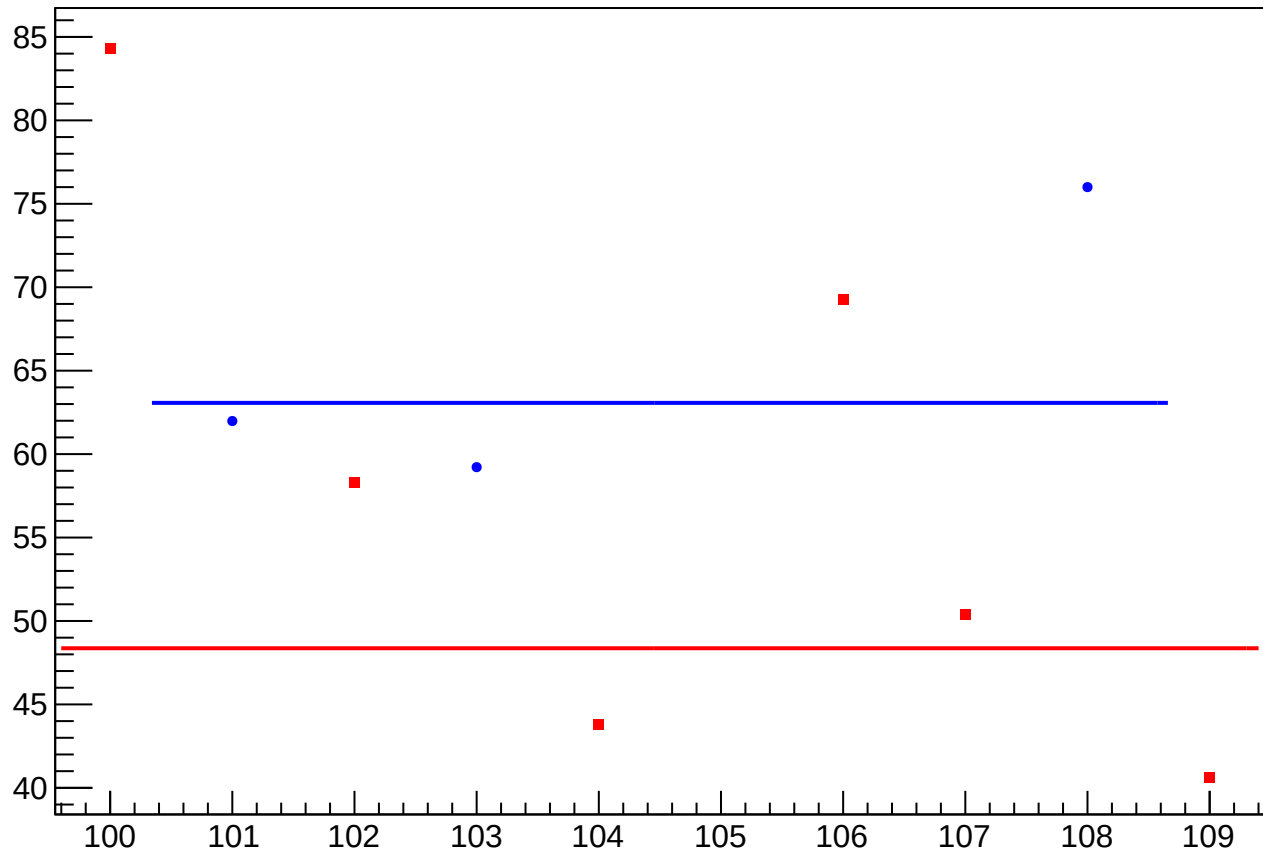
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.028 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 63.071+/-0.035 χ^2/NDF : 27076.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.366+/-0.024 χ^2/NDF : 156888.6/5

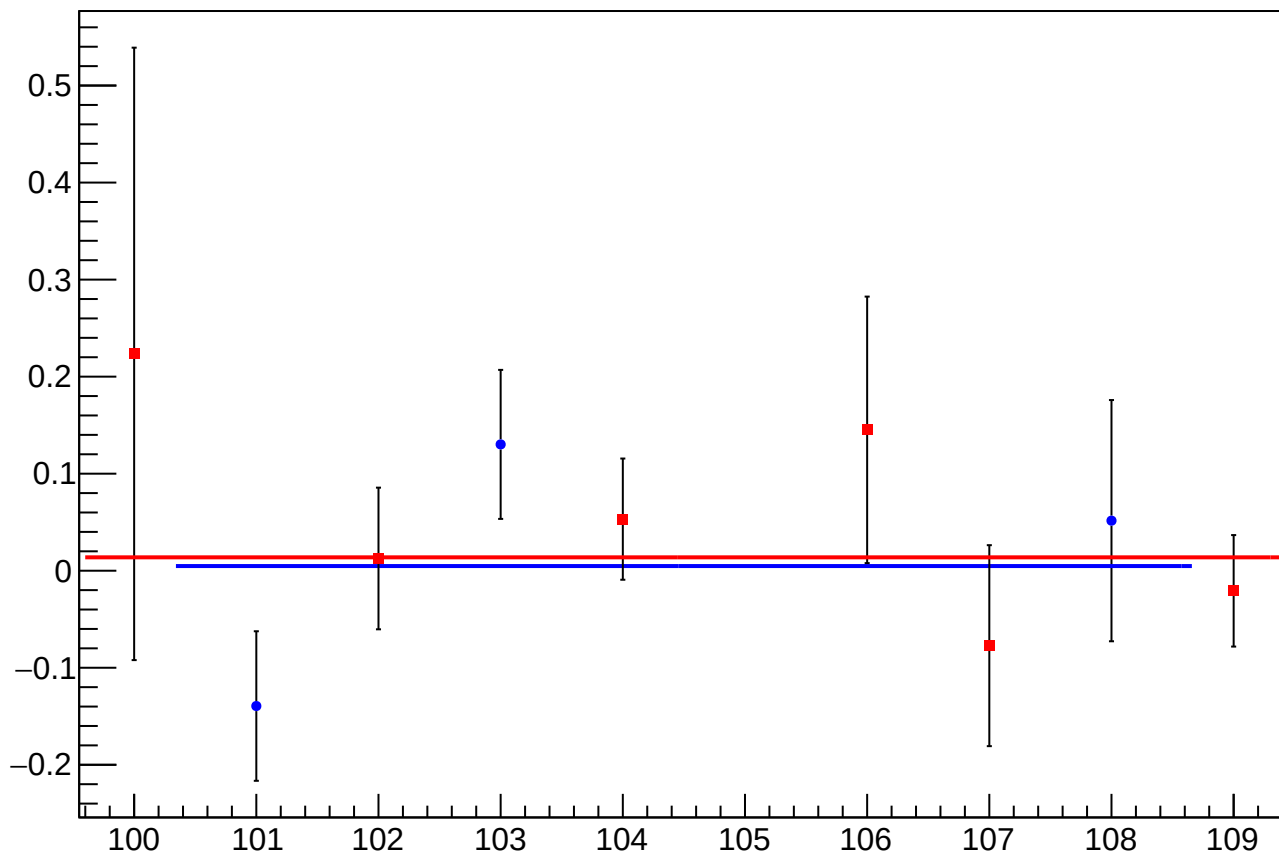
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.901+/-0.020 χ^2/NDF : 304442.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.033 χ^2 /NDF: 2.9/5

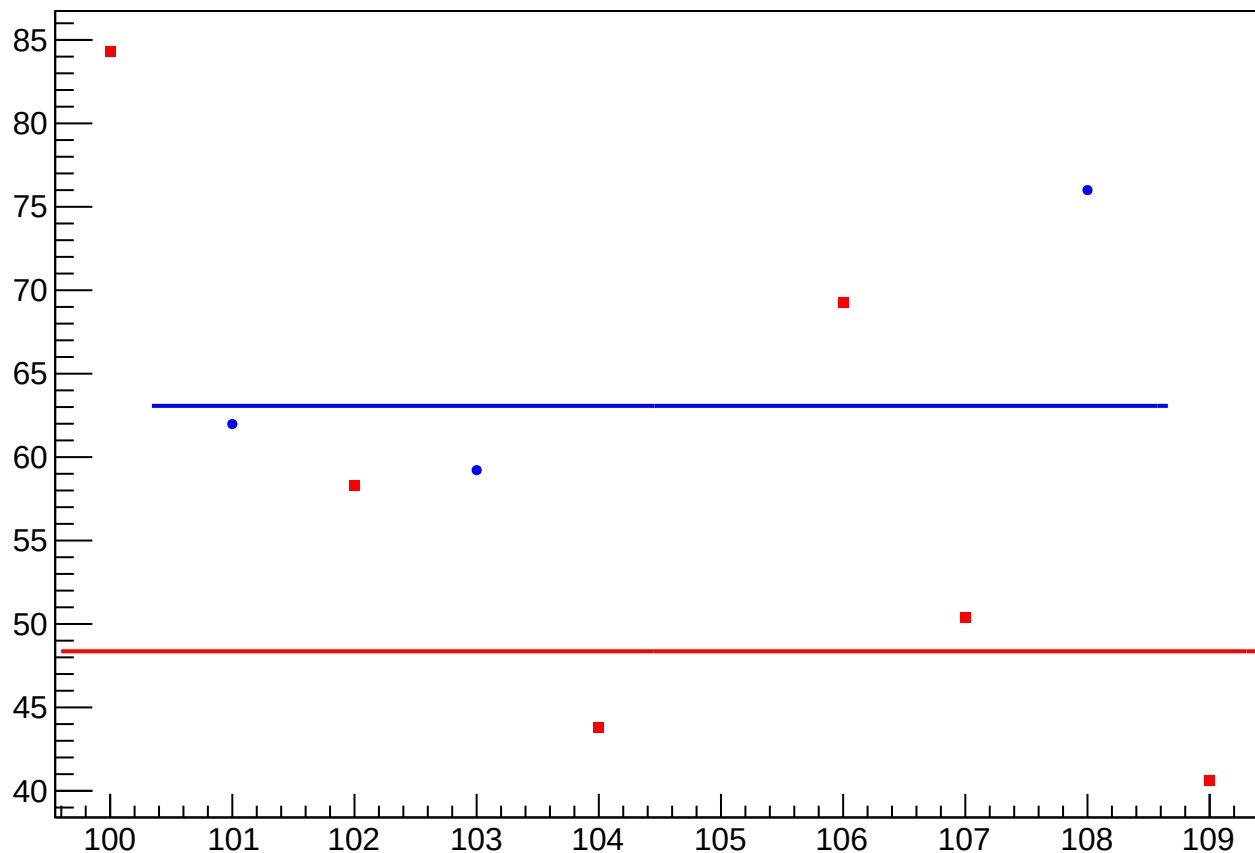
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.028 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.071+/-0.035 χ^2/NDF : 27076.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.366+/-0.024 χ^2/NDF : 156888.6/5

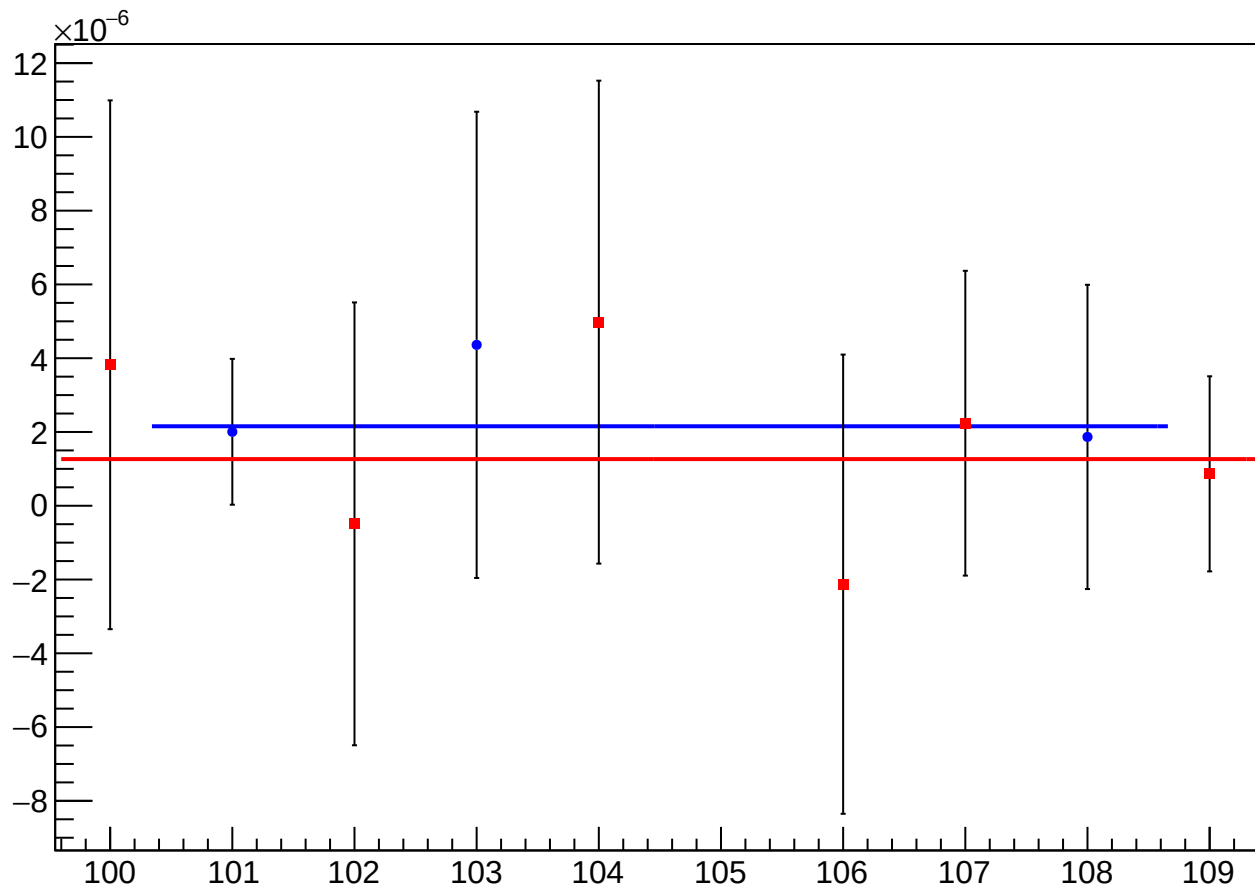
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.901+/-0.020 χ^2/NDF : 304442.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.9/5

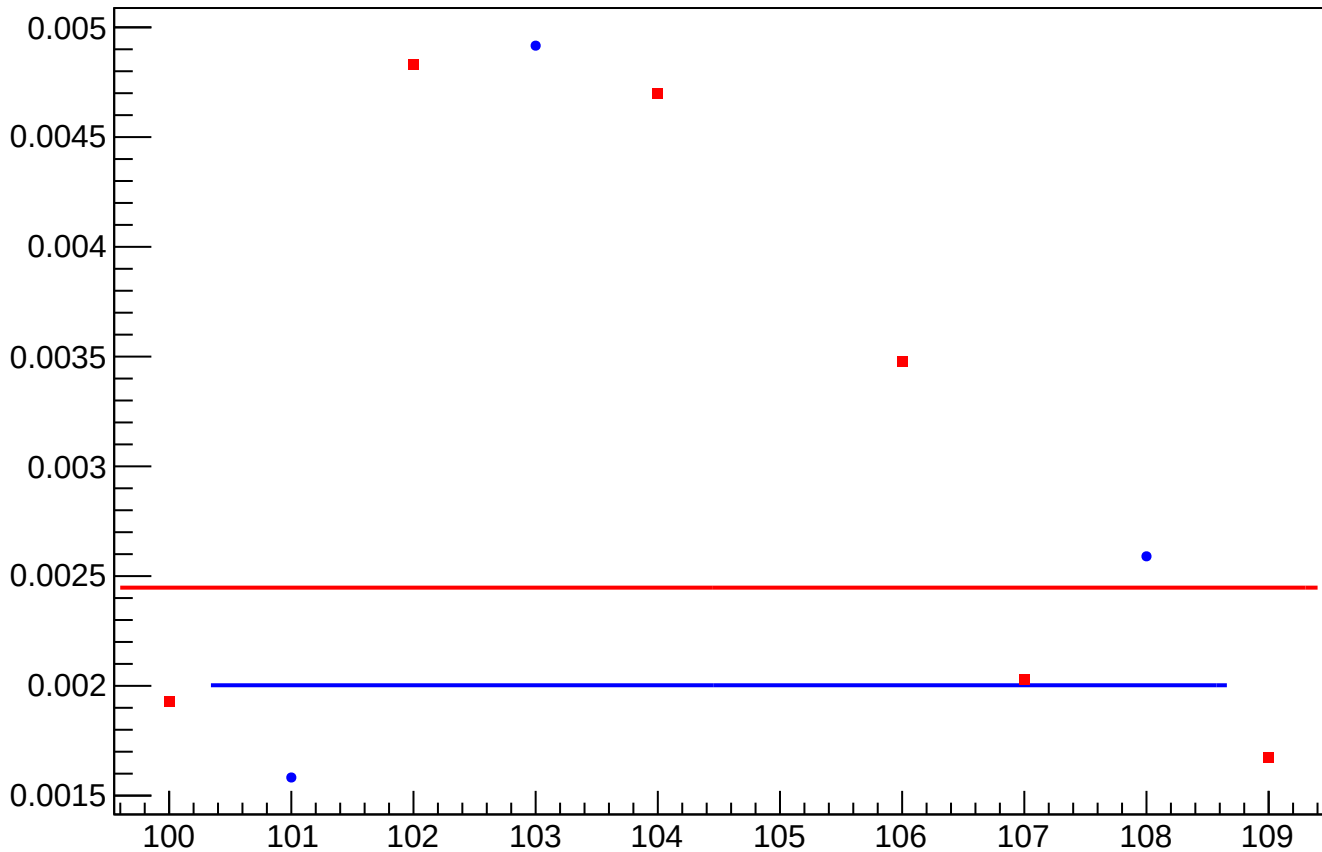
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 556092.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 809686.3/5

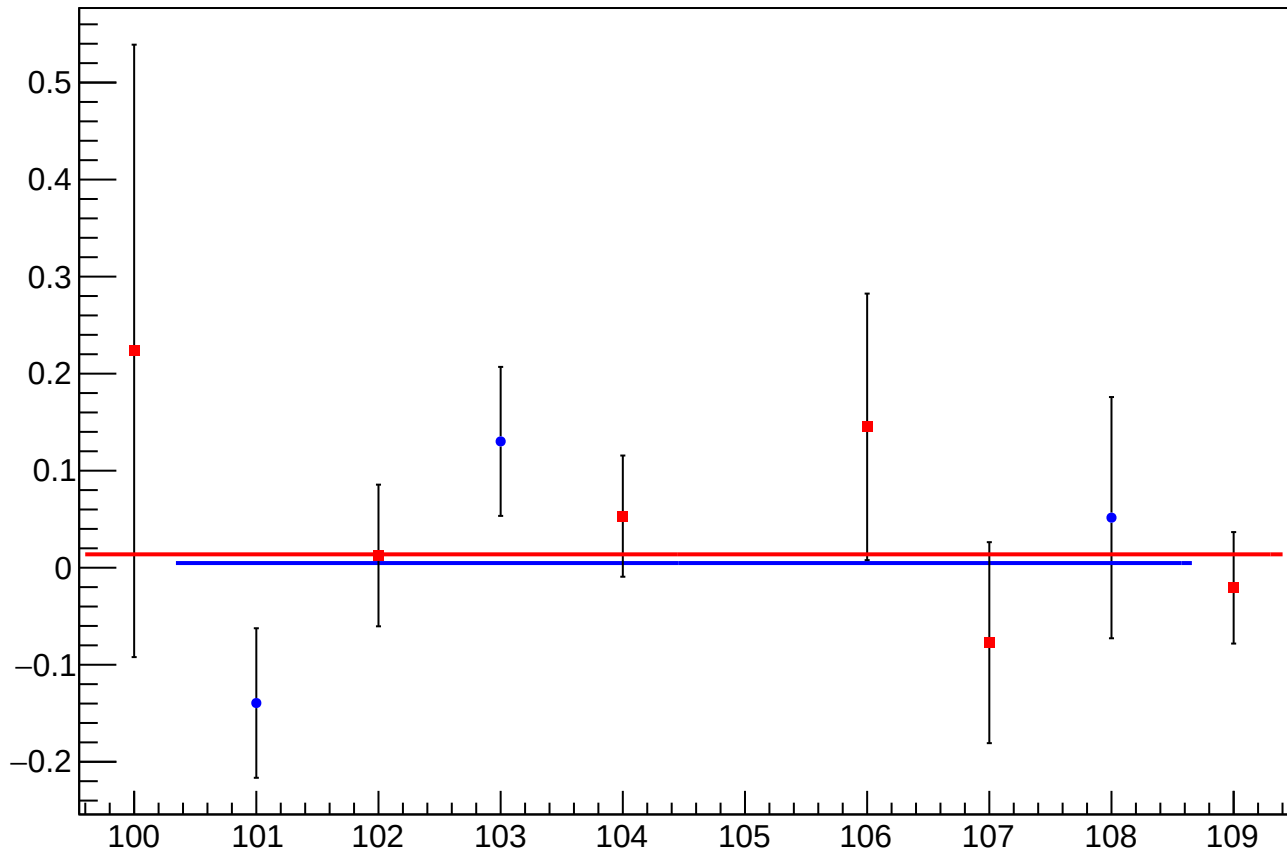
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 1428562.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.033 χ^2 /NDF: 2.9/5

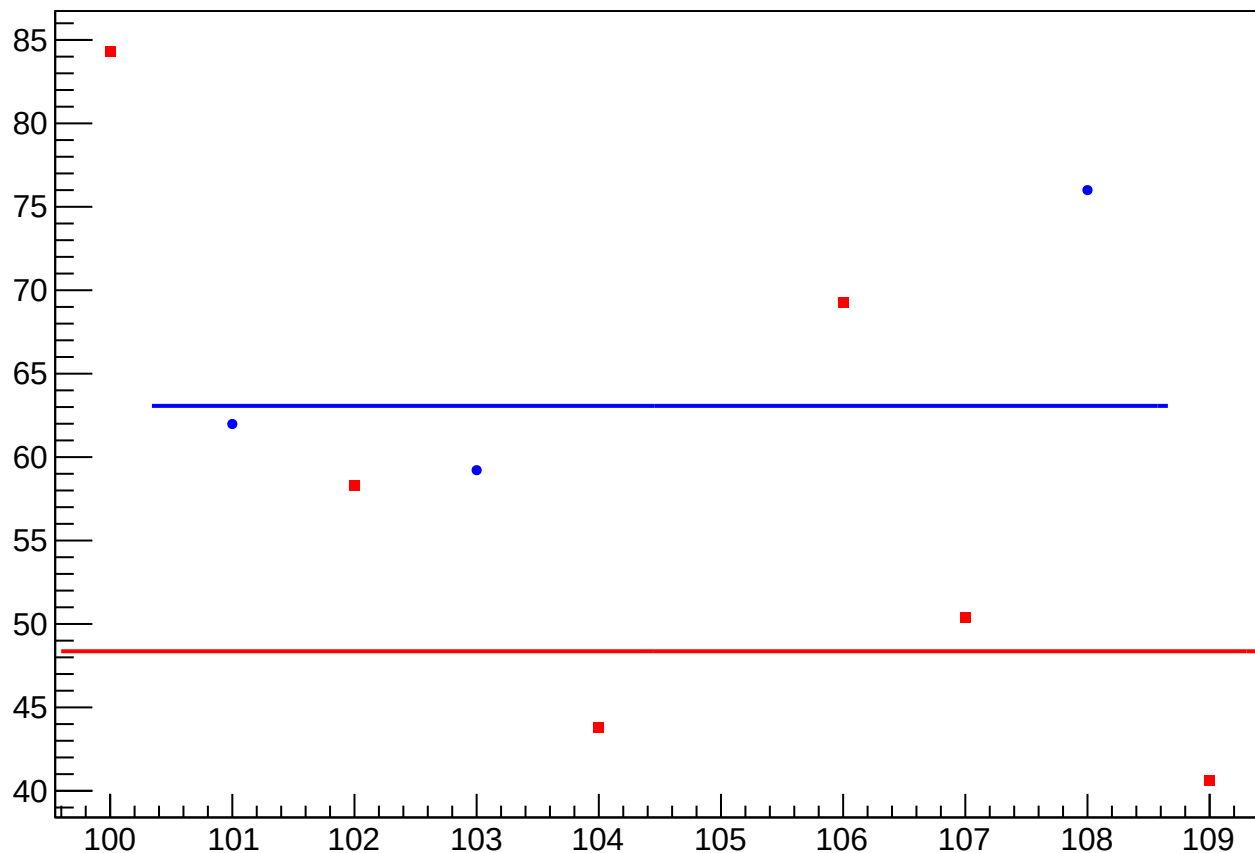
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.028 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 63.070+/-0.035 χ^2/NDF : 27080.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.365+/-0.024 χ^2/NDF : 156891.1/5

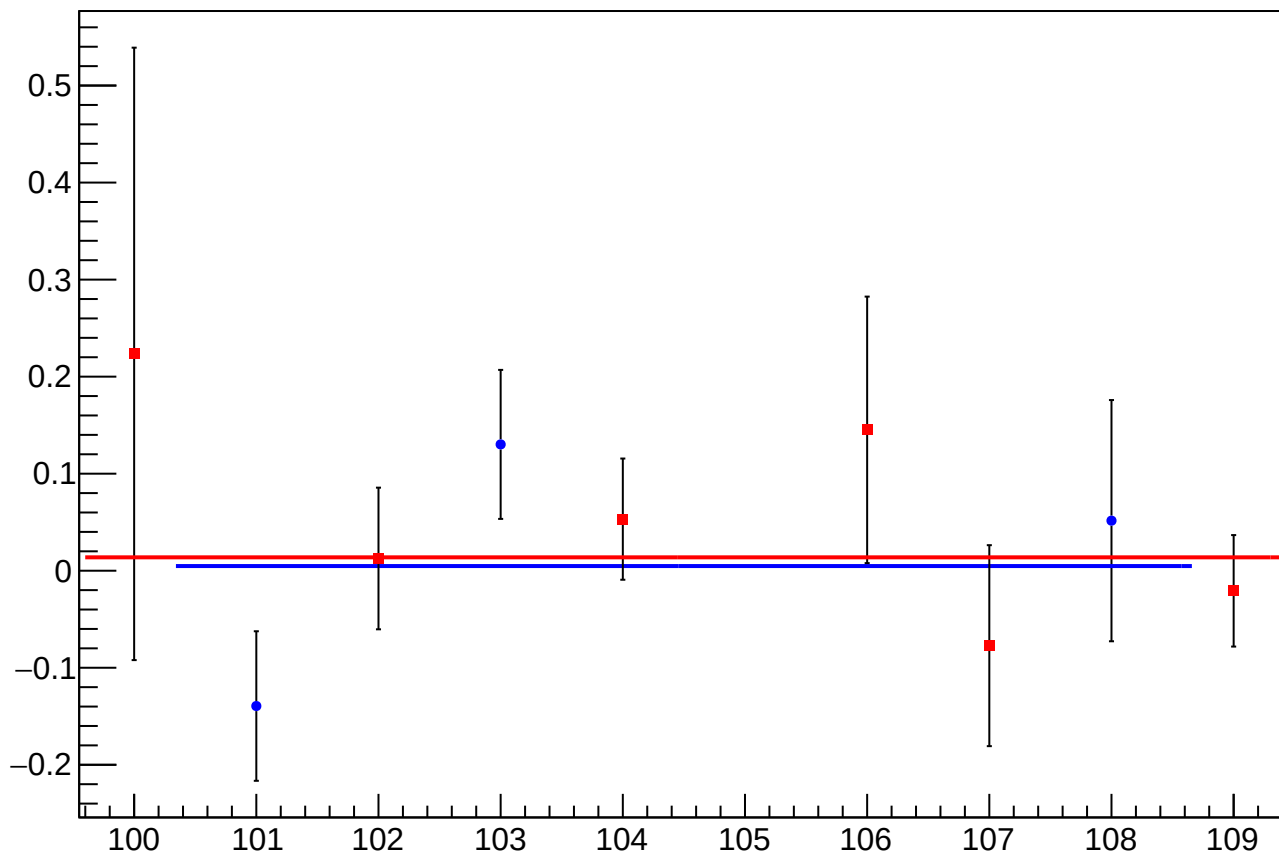
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.900+/-0.020 χ^2/NDF : 304452.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.050 χ^2 /NDF: 6.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.033 χ^2 /NDF: 2.9/5

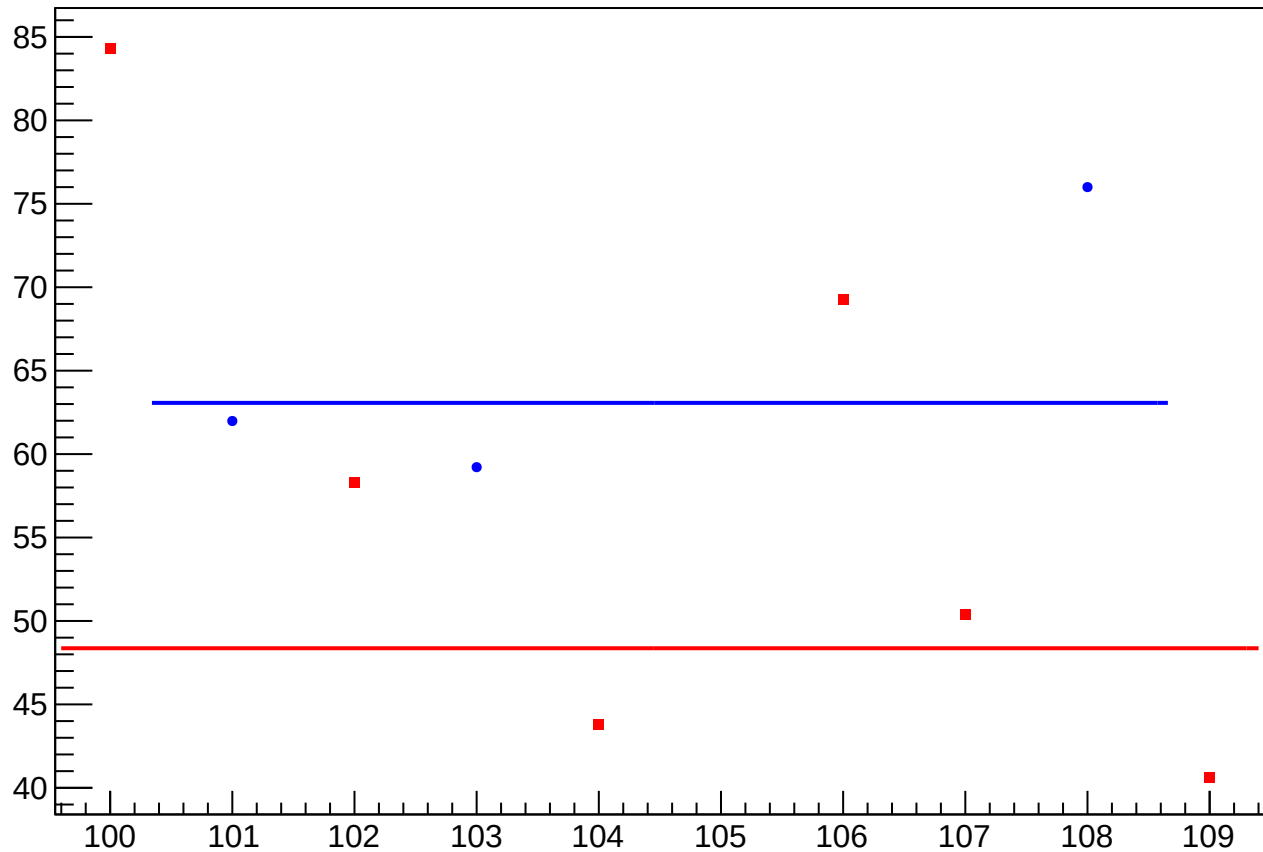
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.028 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.070 $\pm$ 0.035 χ^2 /NDF: 27080.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.365 $\pm$ 0.024 χ^2 /NDF: 156891.1/5

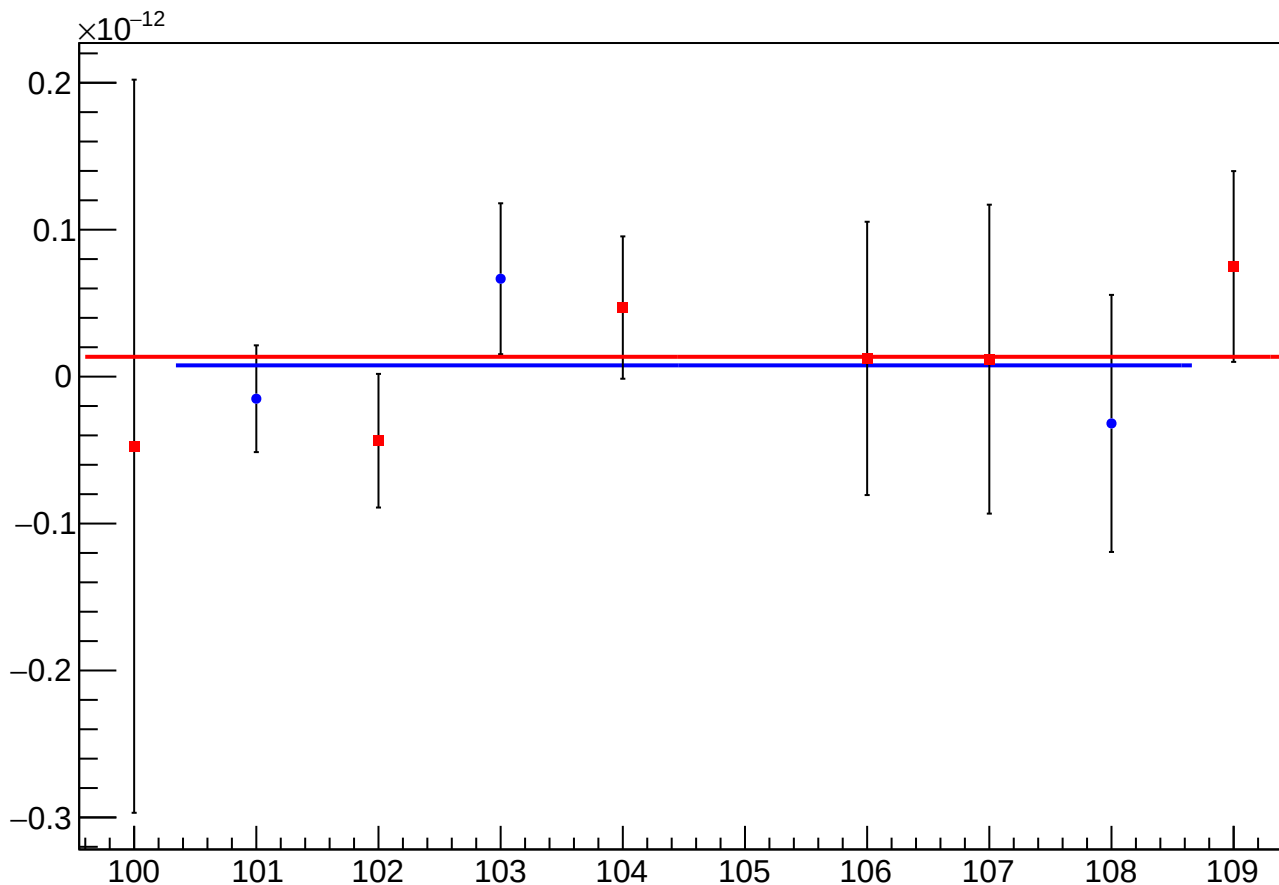
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.900 $\pm$ 0.020 χ^2 /NDF: 304452.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3.0/5

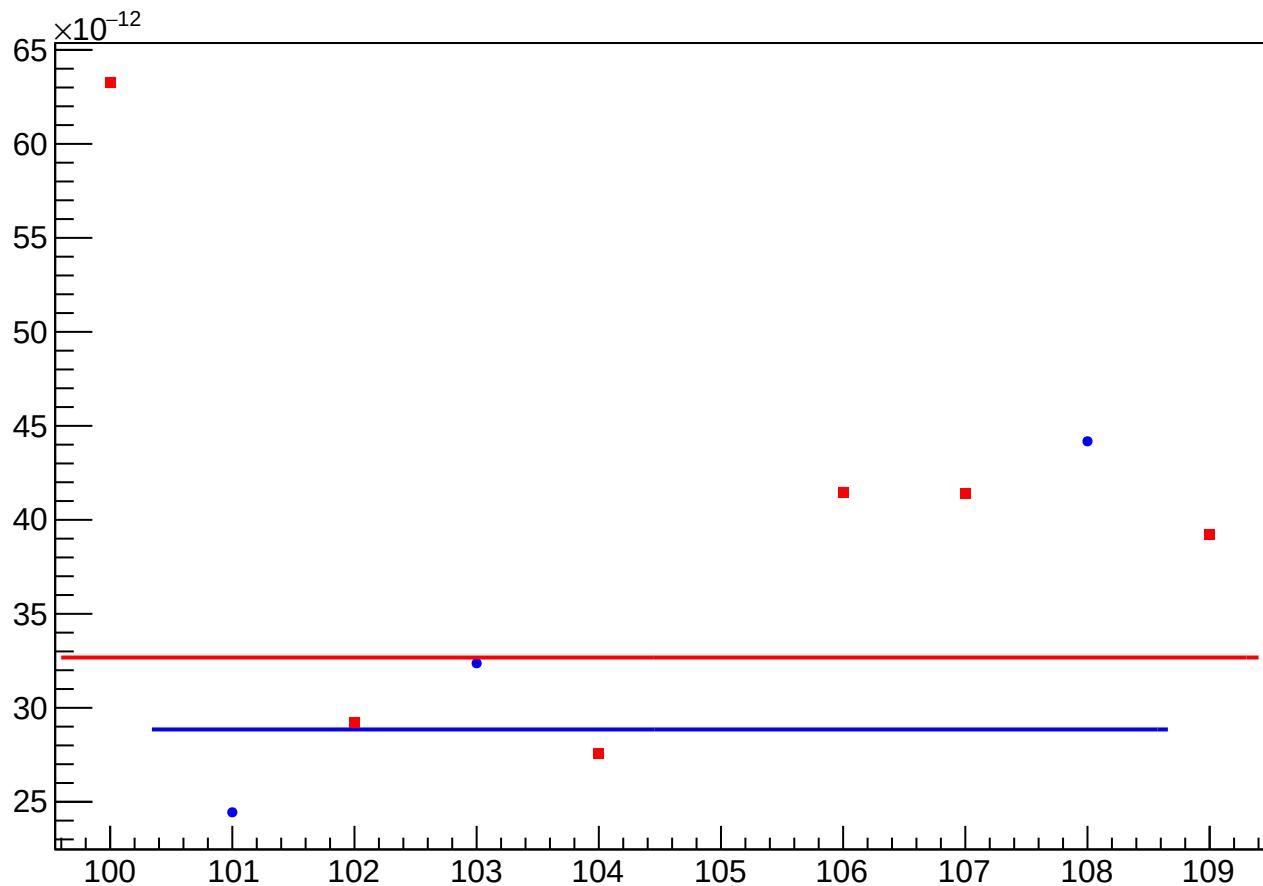
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 100264.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 115563.9/5

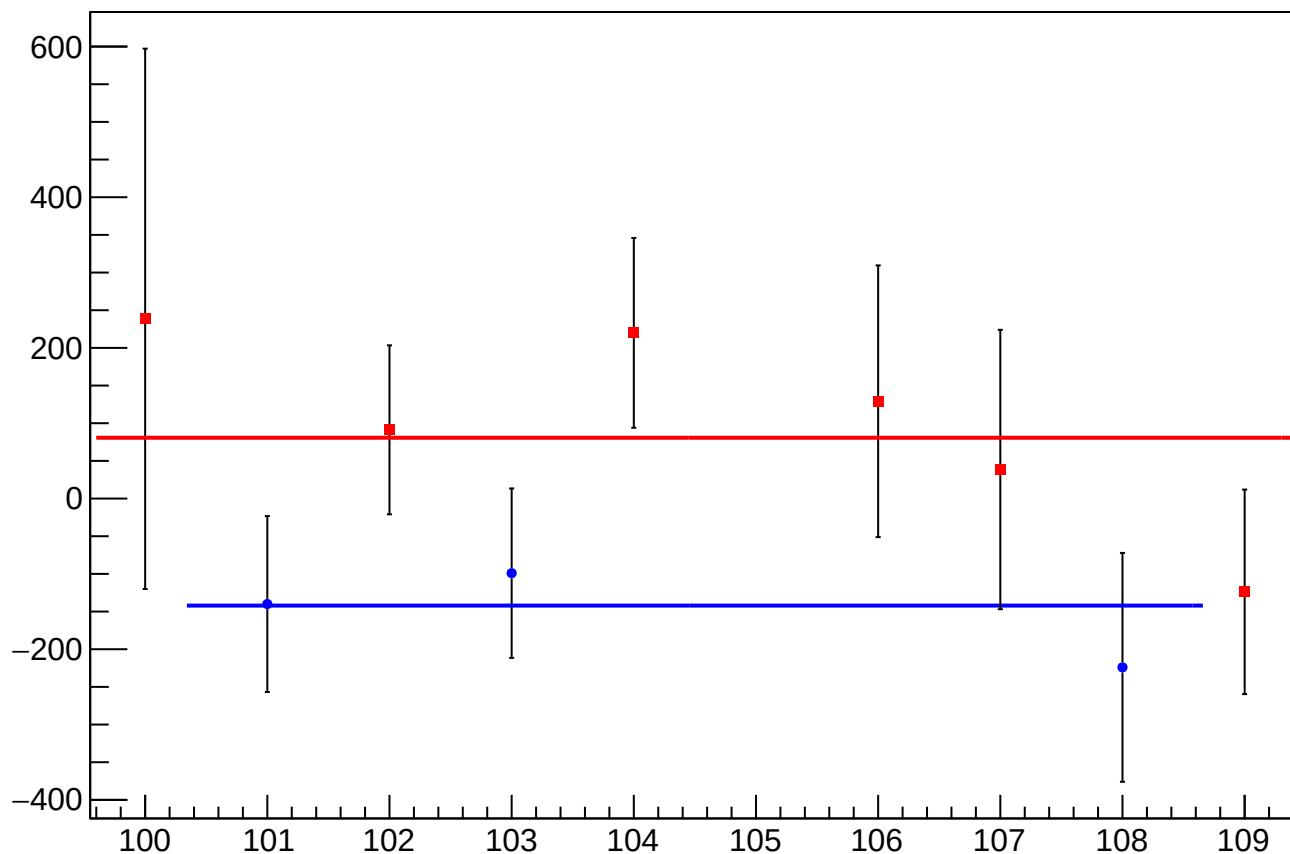
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 235099.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -142.081+/-71.486 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.725+/-61.500 χ^2/NDF : 3.8/5

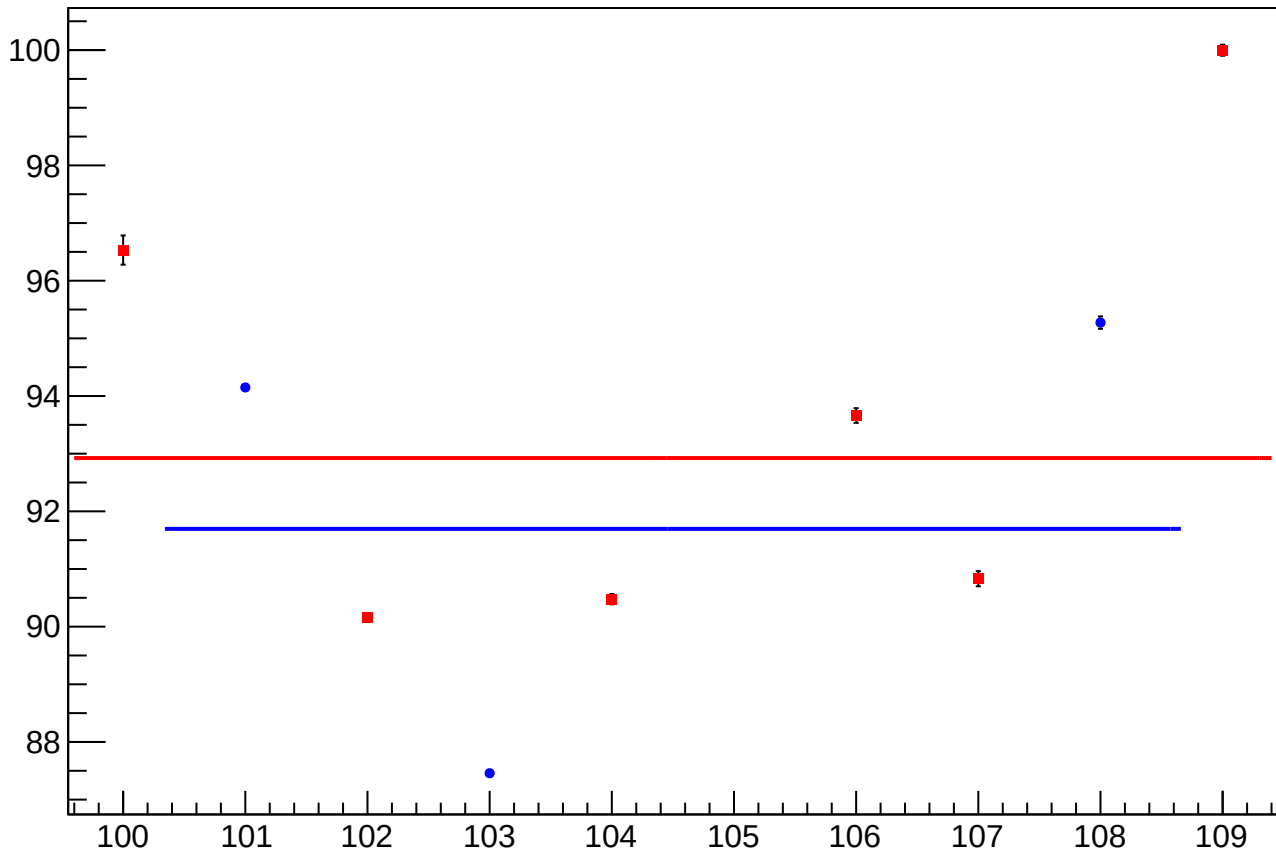
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.042+/-46.621 χ^2/NDF : 9.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 91.696 $\pm$ 0.051 χ^2 /NDF: 4829.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.924 $\pm$ 0.043 χ^2 /NDF: 7887.5/5

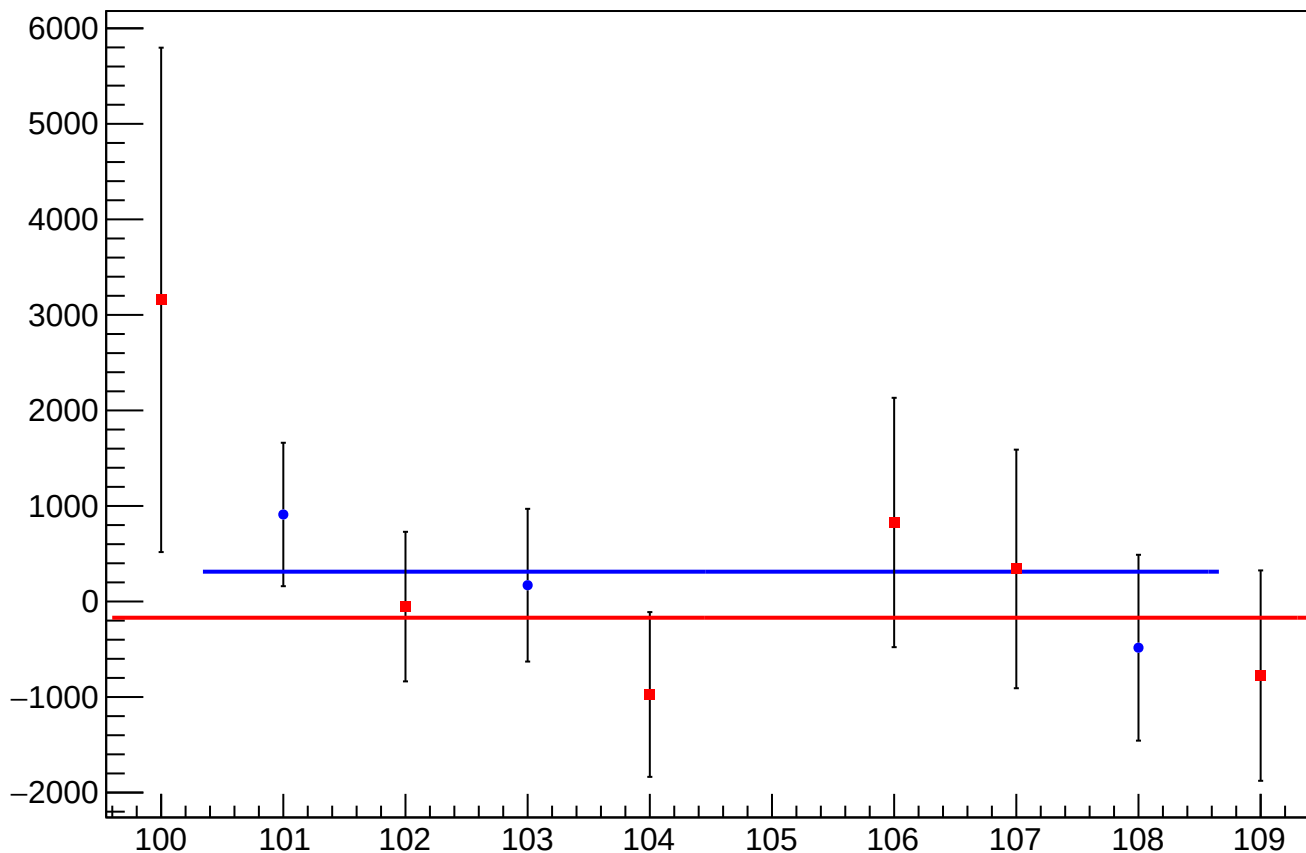
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.402 $\pm$ 0.033 χ^2 /NDF: 13056.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 312.069+/-476.938 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -169.815+/-439.689 χ^2/NDF : 3.5/5

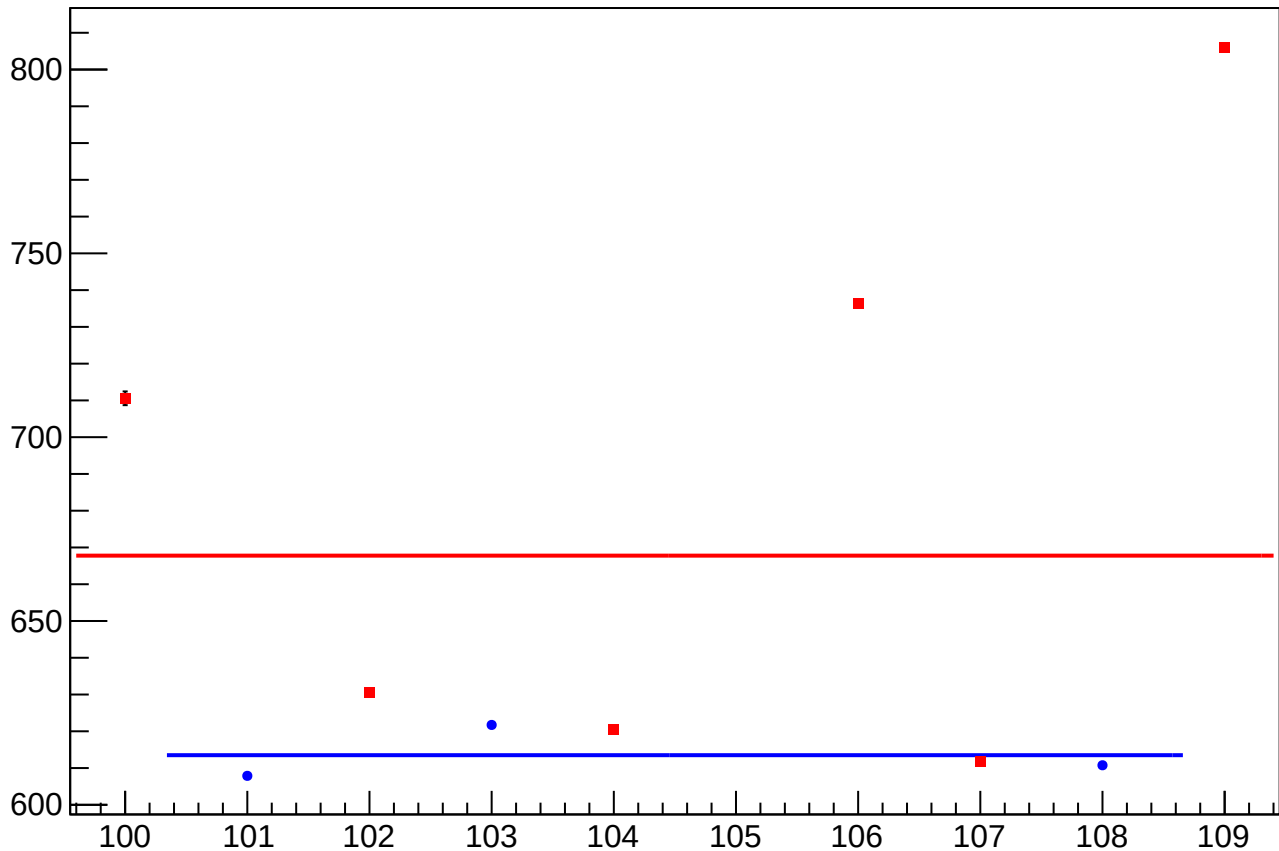
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.577+/-323.275 χ^2/NDF : 5.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 613.501 $\pm$ 0.337 χ^2 /NDF: 339.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 667.779 $\pm$ 0.311 χ^2 /NDF: 52165.0/5

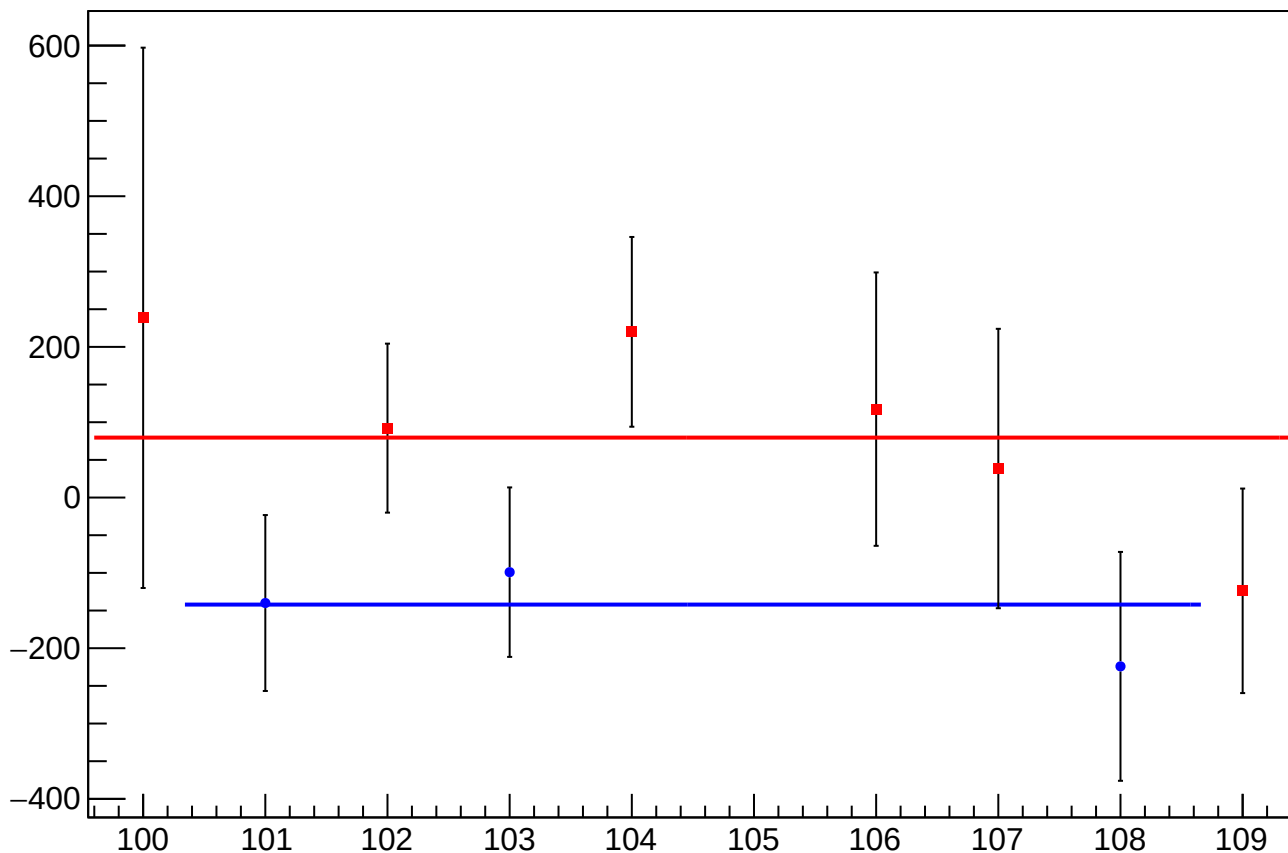
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 642.842 $\pm$ 0.229 χ^2 /NDF: 66507.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -142.083 $\pm$ 71.486 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 79.585 $\pm$ 61.547 χ^2 /NDF: 3.8/5

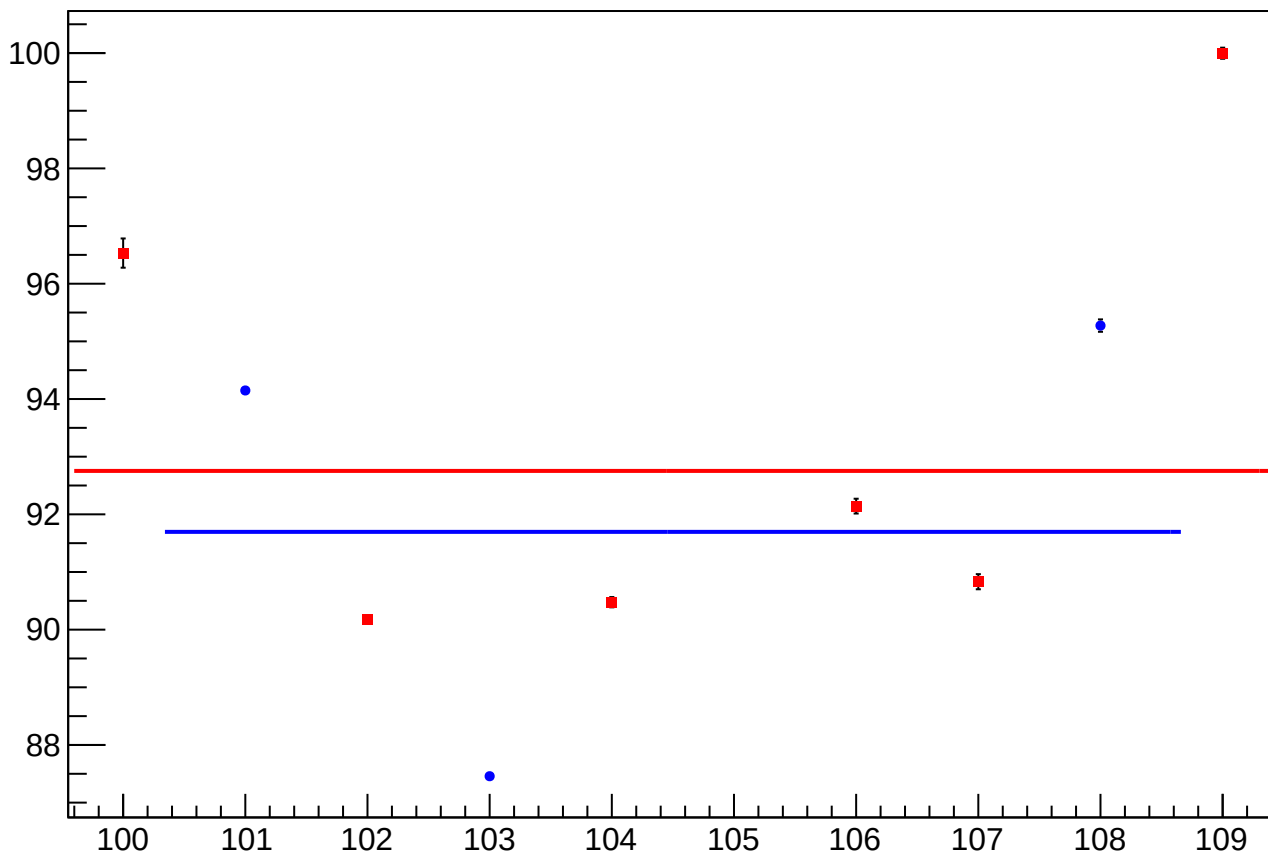
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.780 $\pm$ 46.642 χ^2 /NDF: 9.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 91.696 $\pm$ 0.051 χ^2 /NDF: 4829.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.753 $\pm$ 0.044 χ^2 /NDF: 7862.0/5

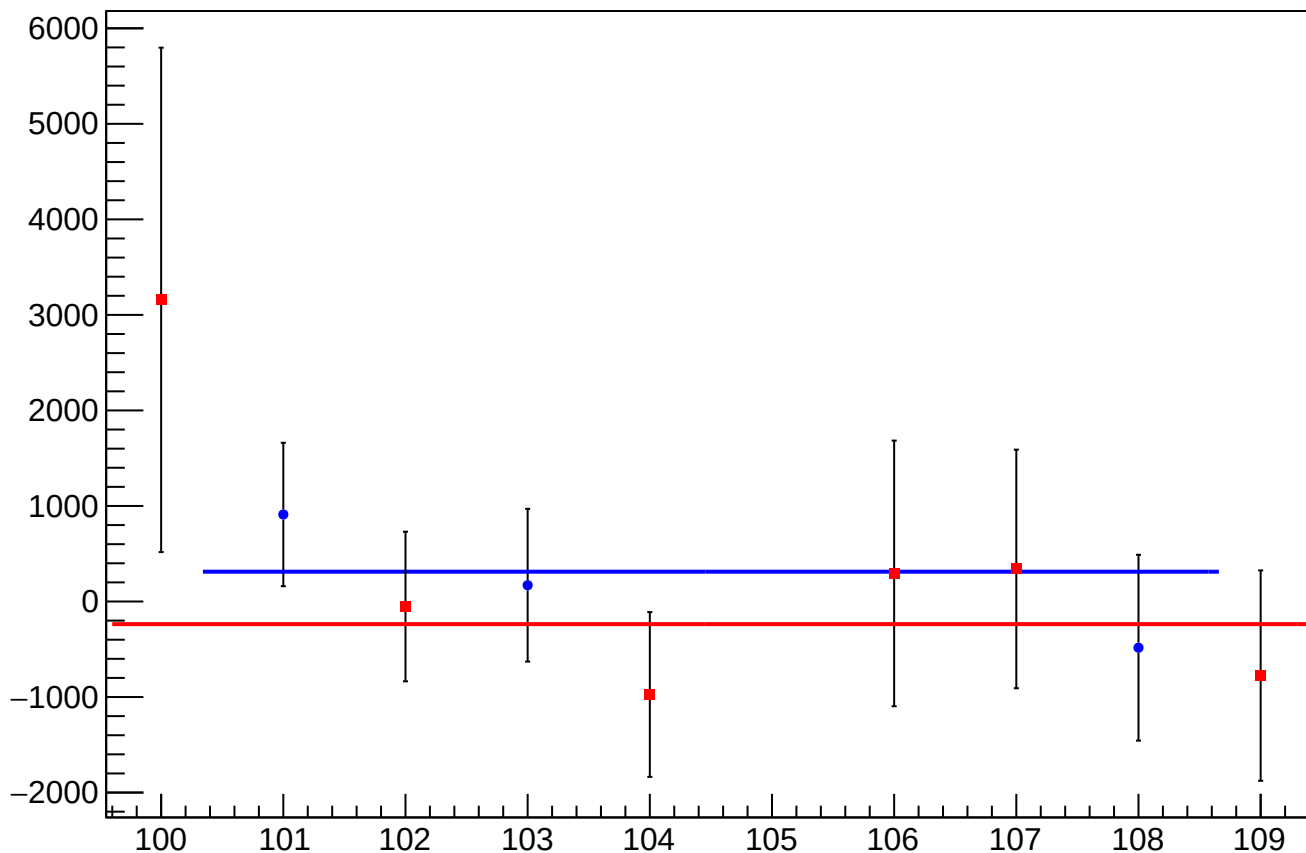
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.303 $\pm$ 0.033 χ^2 /NDF: 12943.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_mean vs Slug



Right In: 312.028+/-476.941 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -237.250+/-442.747 χ^2/NDF : 3.0/5

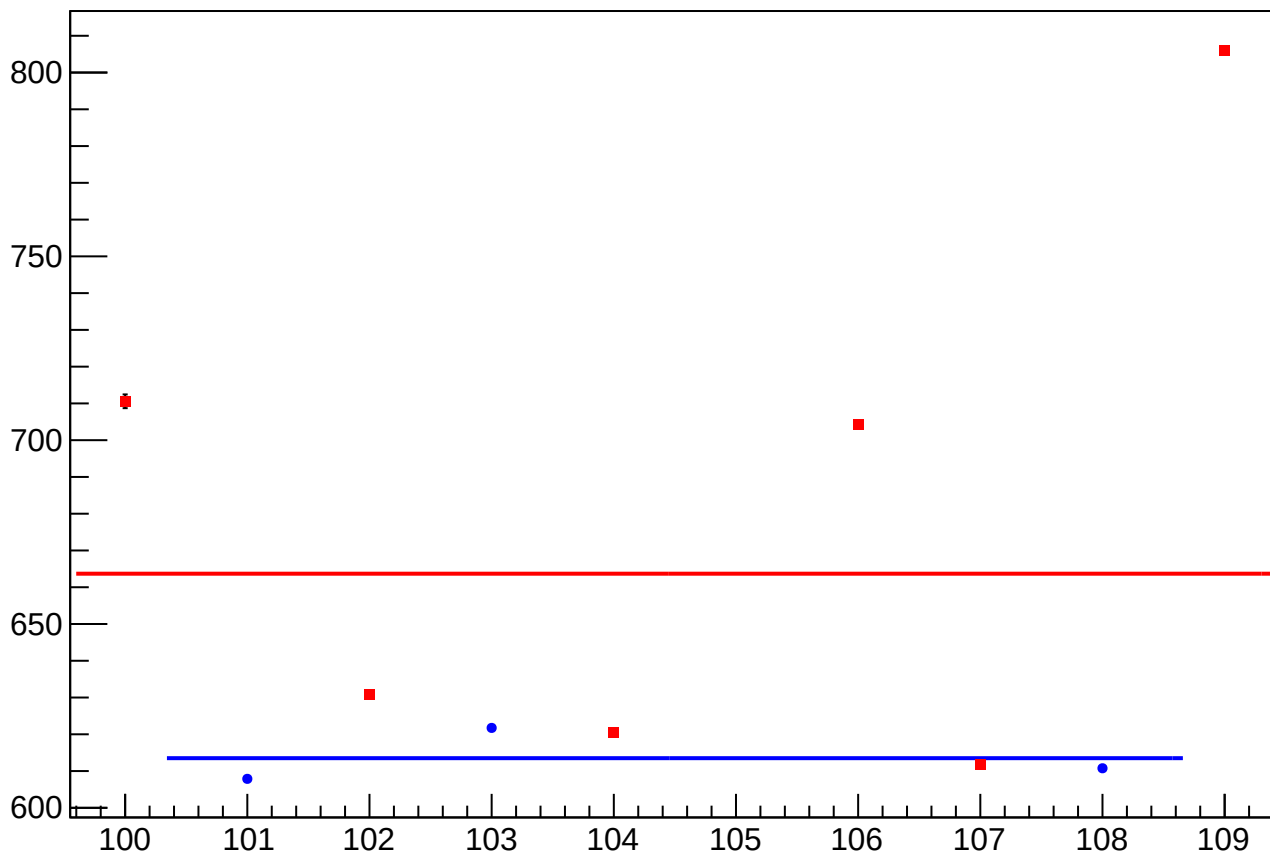
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.995+/-324.485 χ^2/NDF : 5.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_cor_correction_rms vs Slug



Right In: 613.505 $\pm$ 0.337 χ^2 /NDF: 340.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 663.683 $\pm$ 0.313 χ^2 /NDF: 47779.8/5

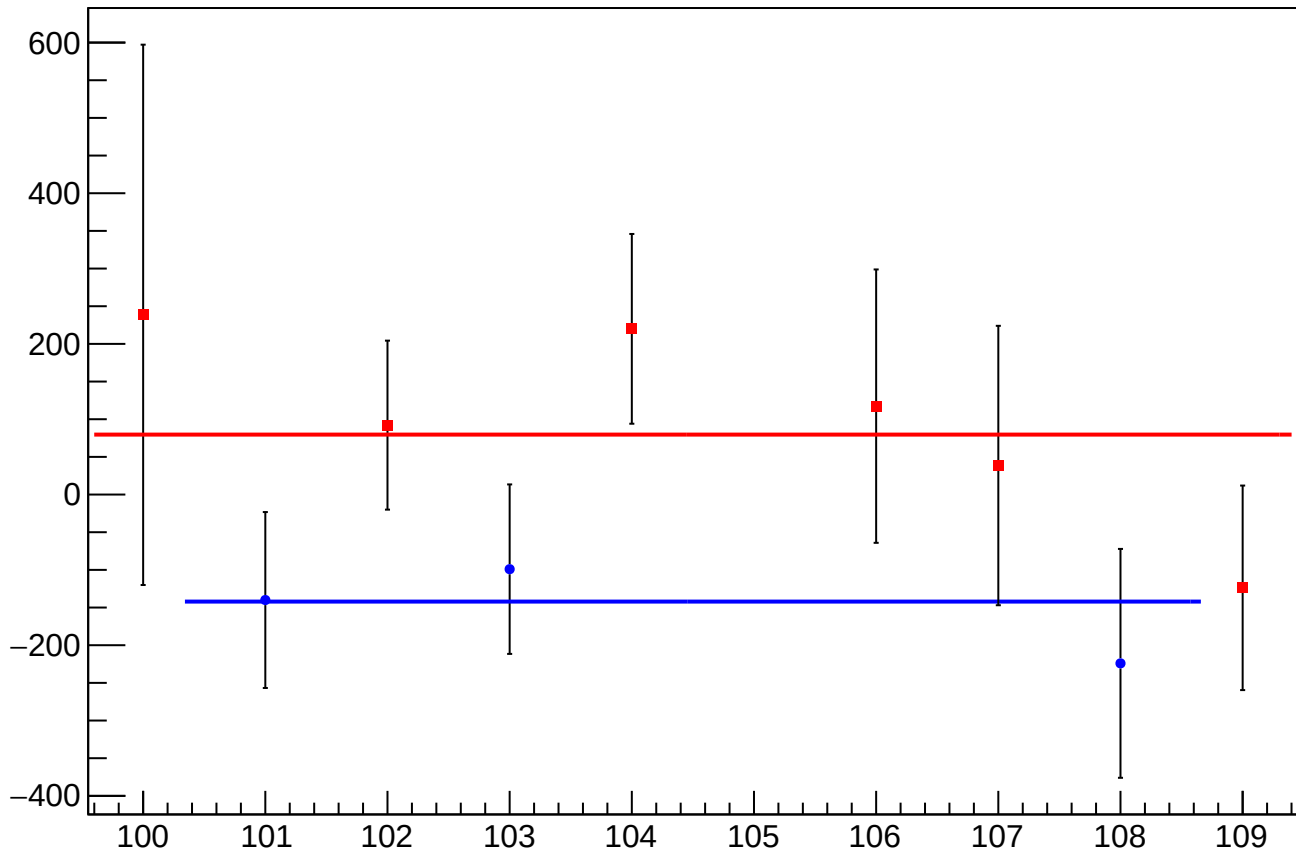
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 640.457 $\pm$ 0.229 χ^2 /NDF: 60010.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -142.083+/-71.486 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.585+/-61.547 χ^2/NDF : 3.8/5

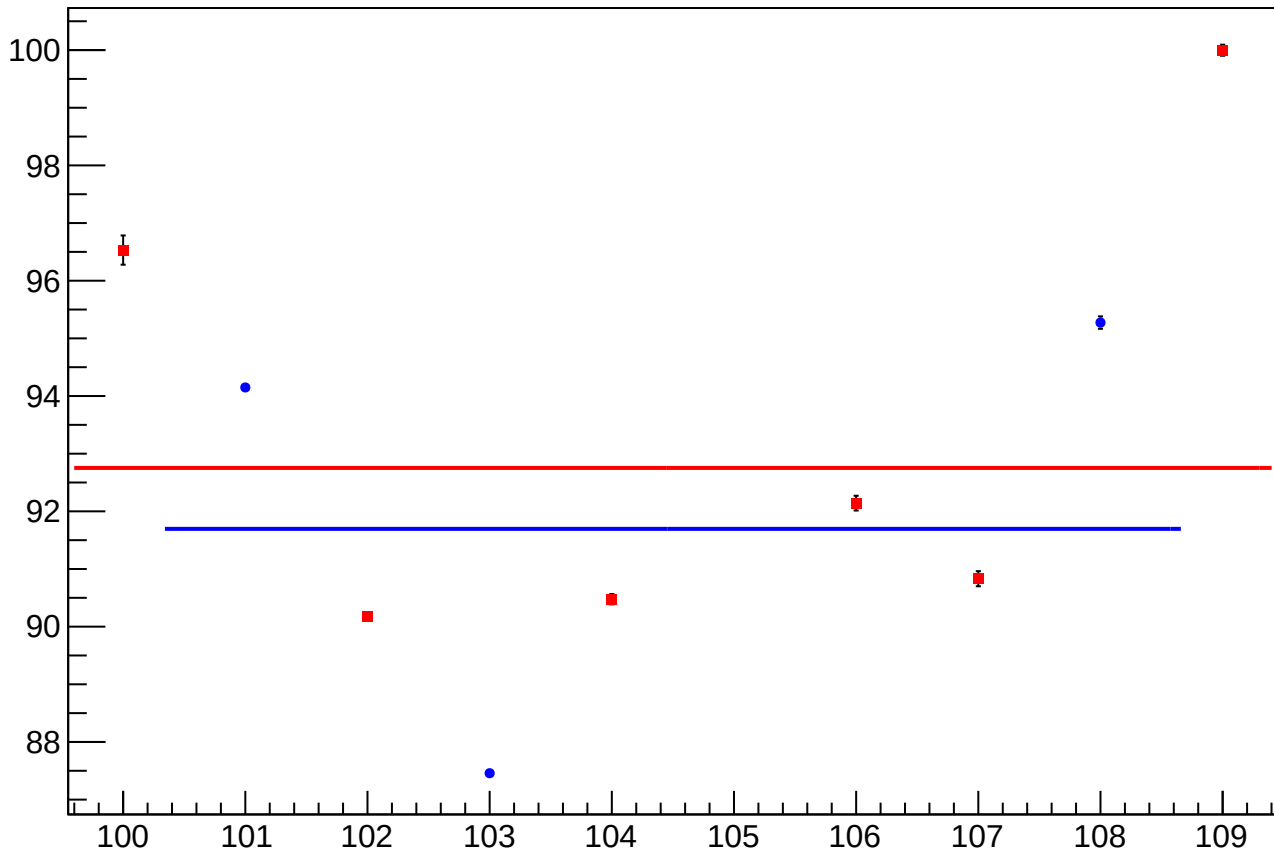
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.780+/-46.642 χ^2/NDF : 9.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 91.696 $\pm$ 0.051 χ^2 /NDF: 4829.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.753 $\pm$ 0.044 χ^2 /NDF: 7862.0/5

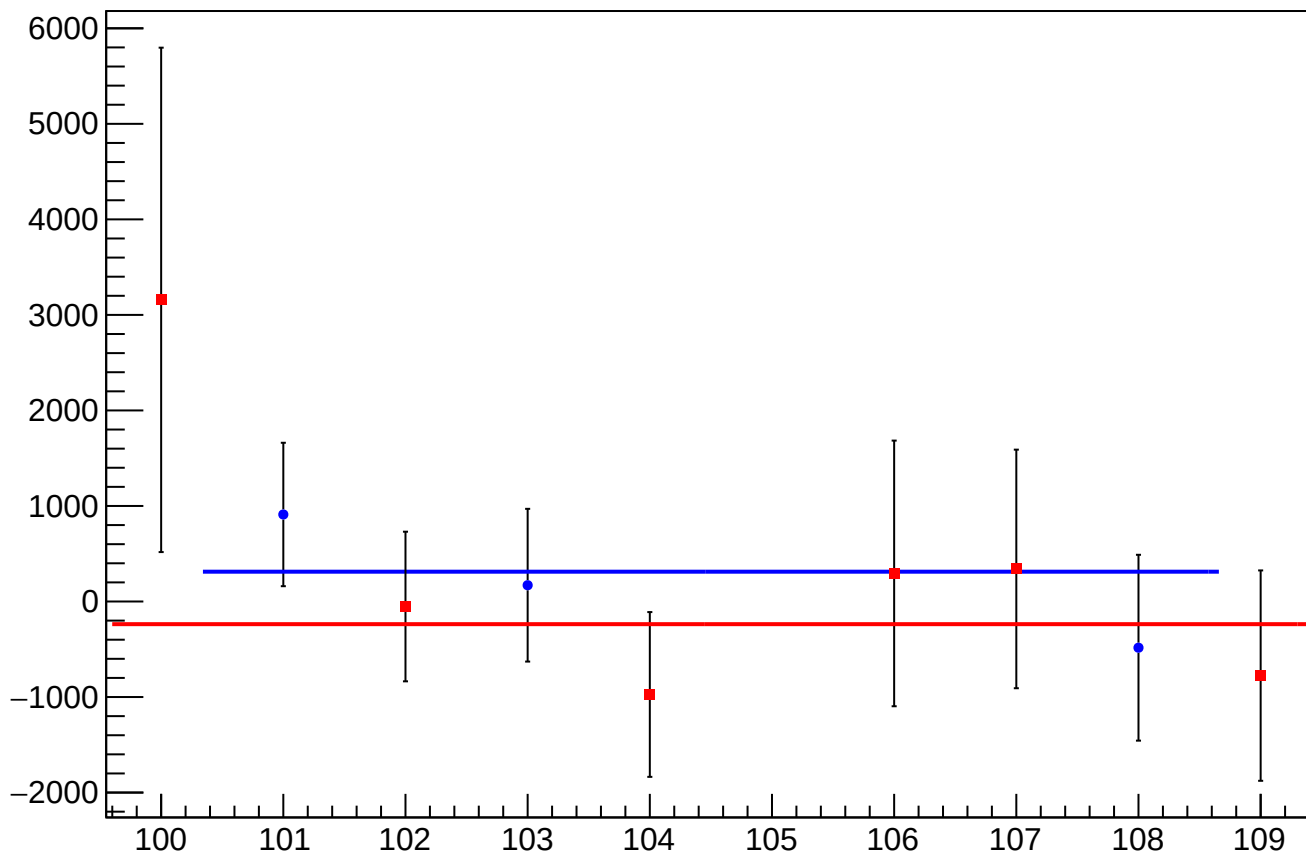
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.303 $\pm$ 0.033 χ^2 /NDF: 12943.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug



Right In: 312.028 $\pm$ 476.941 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -237.250 $\pm$ 442.747 χ^2 /NDF: 3.0/5

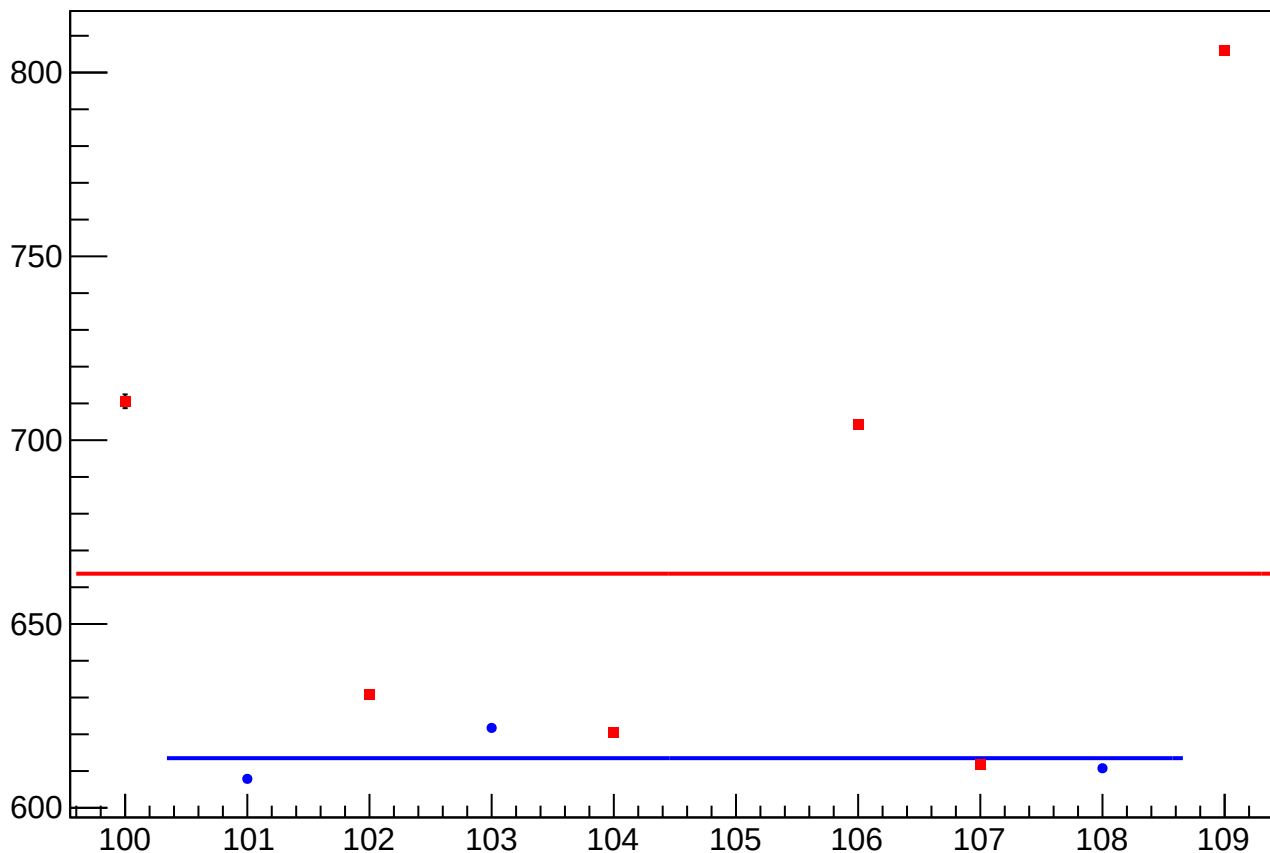
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.995 $\pm$ 324.485 χ^2 /NDF: 5.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug



Right In: 613.505 $\pm$ 0.337 χ^2 /NDF: 340.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 663.683 $\pm$ 0.313 χ^2 /NDF: 47779.8/5

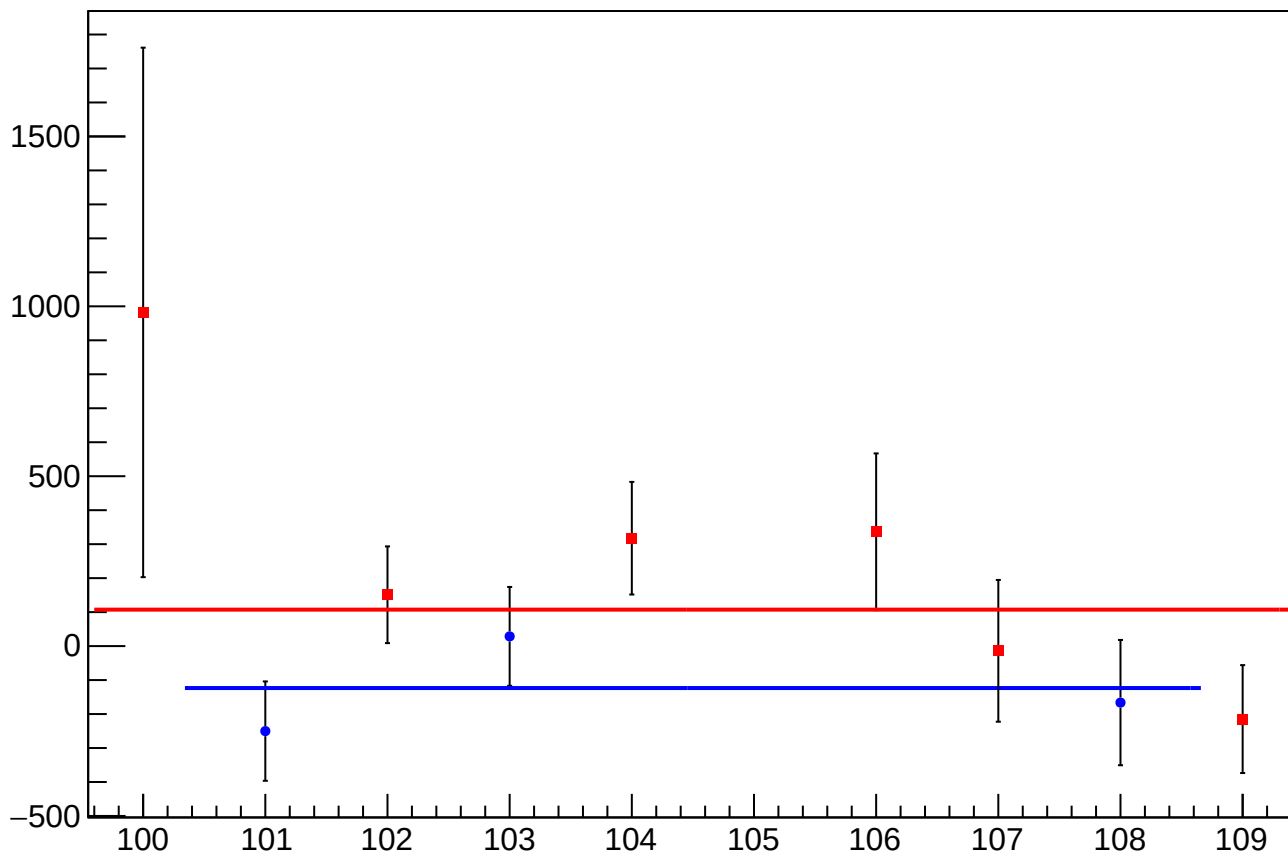
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 640.457 $\pm$ 0.229 χ^2 /NDF: 60010.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -123.454 $\pm$ 90.012 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.305 $\pm$ 76.962 χ^2 /NDF: 8.4/5

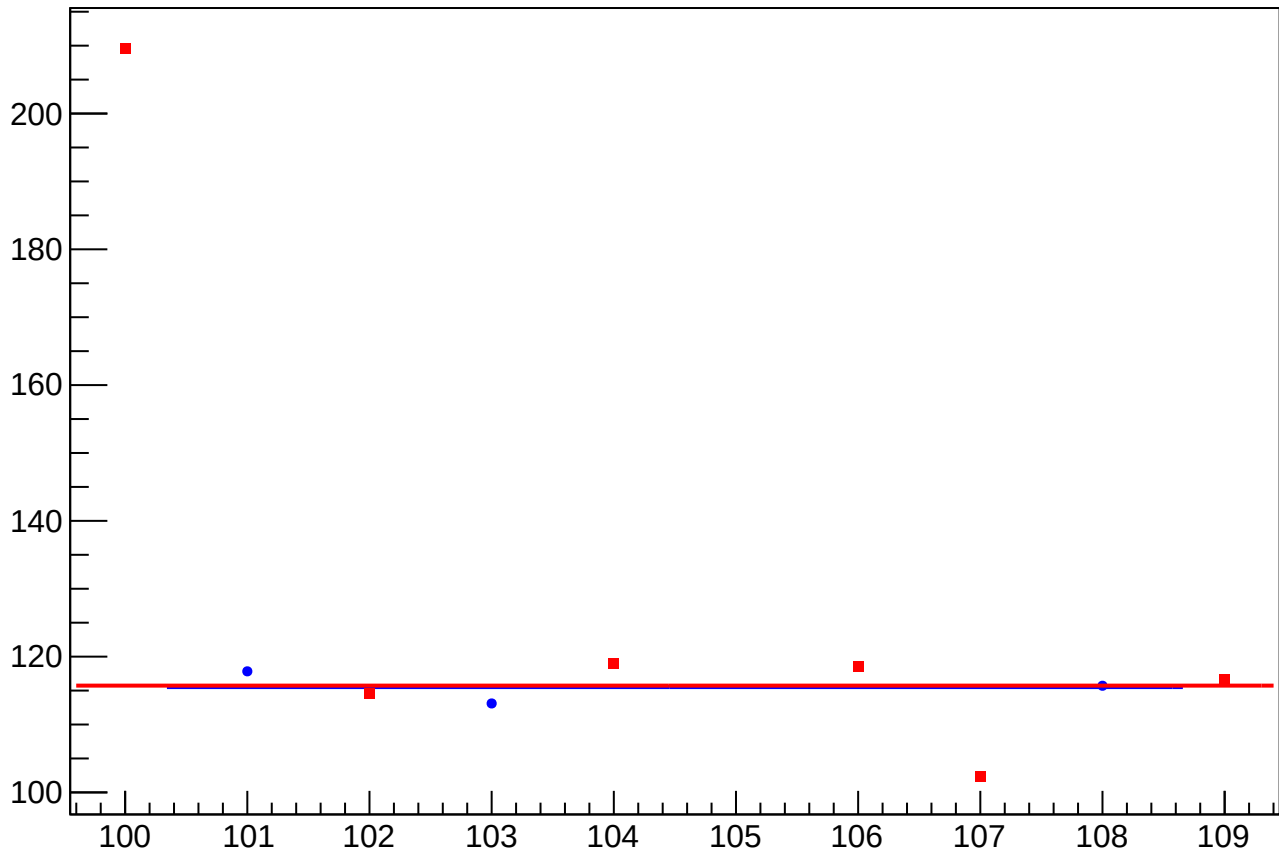
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.850 $\pm$ 58.495 χ^2 /NDF: 14.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 115.517 $\pm$ 0.064 χ^2 /NDF: 1055.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.731 $\pm$ 0.054 χ^2 /NDF: 38614.3/5

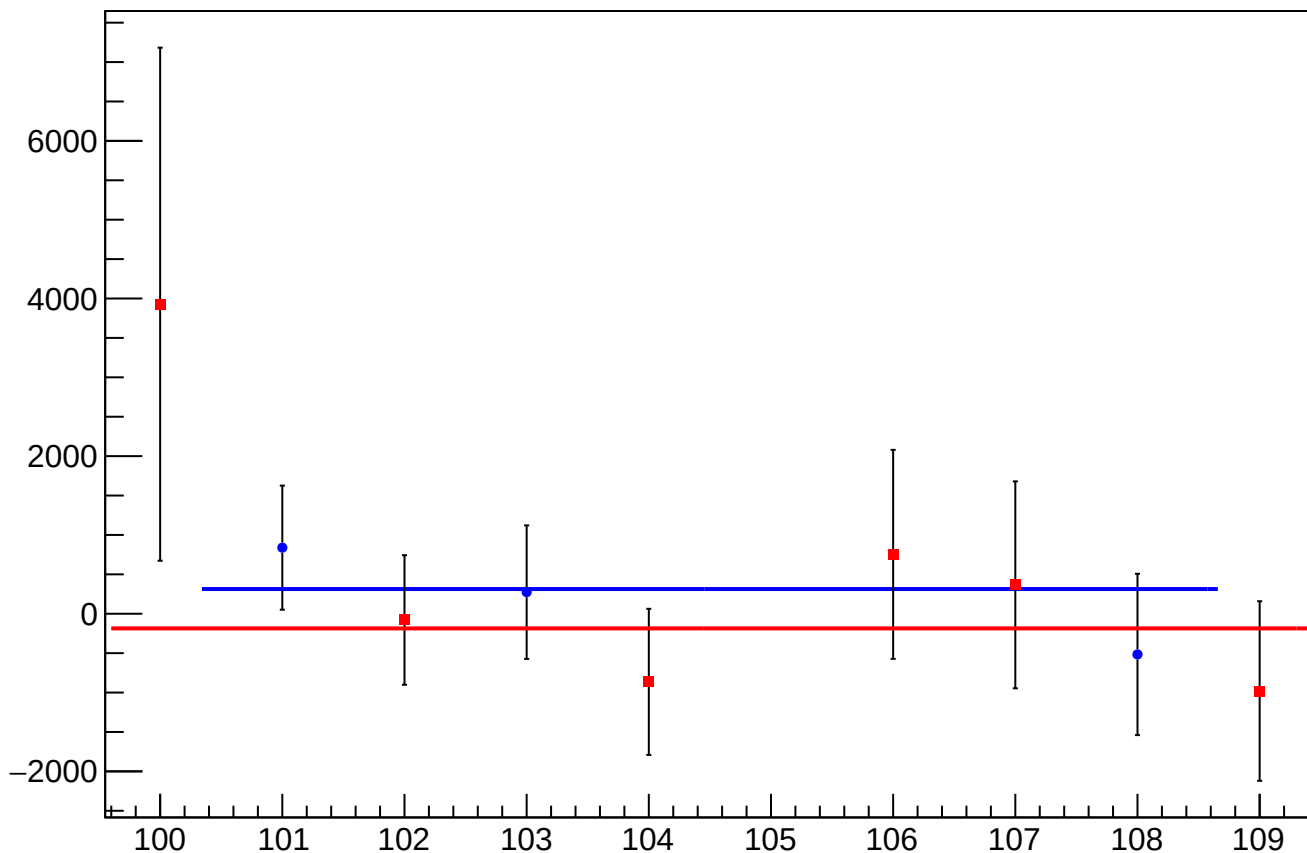
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.641 $\pm$ 0.041 χ^2 /NDF: 39676.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_mean vs Slug



Right In: 313.645+/-502.395 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -186.081+/-463.347 χ^2/NDF : 3.3/5

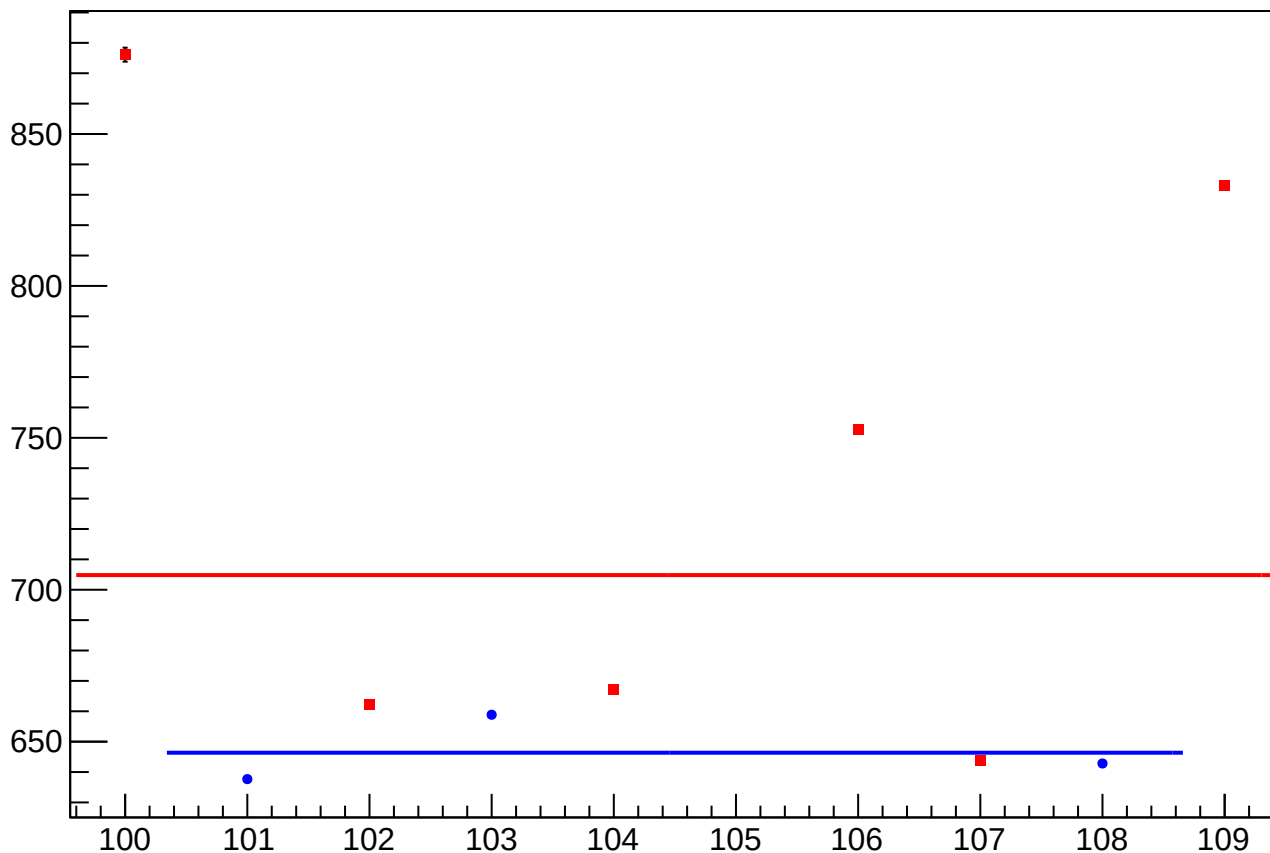
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.610+/-340.605 χ^2/NDF : 5.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 646.365 $\pm$ 0.355 χ^2 /NDF: 702.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 704.820 $\pm$ 0.328 χ^2 /NDF: 46532.4/5

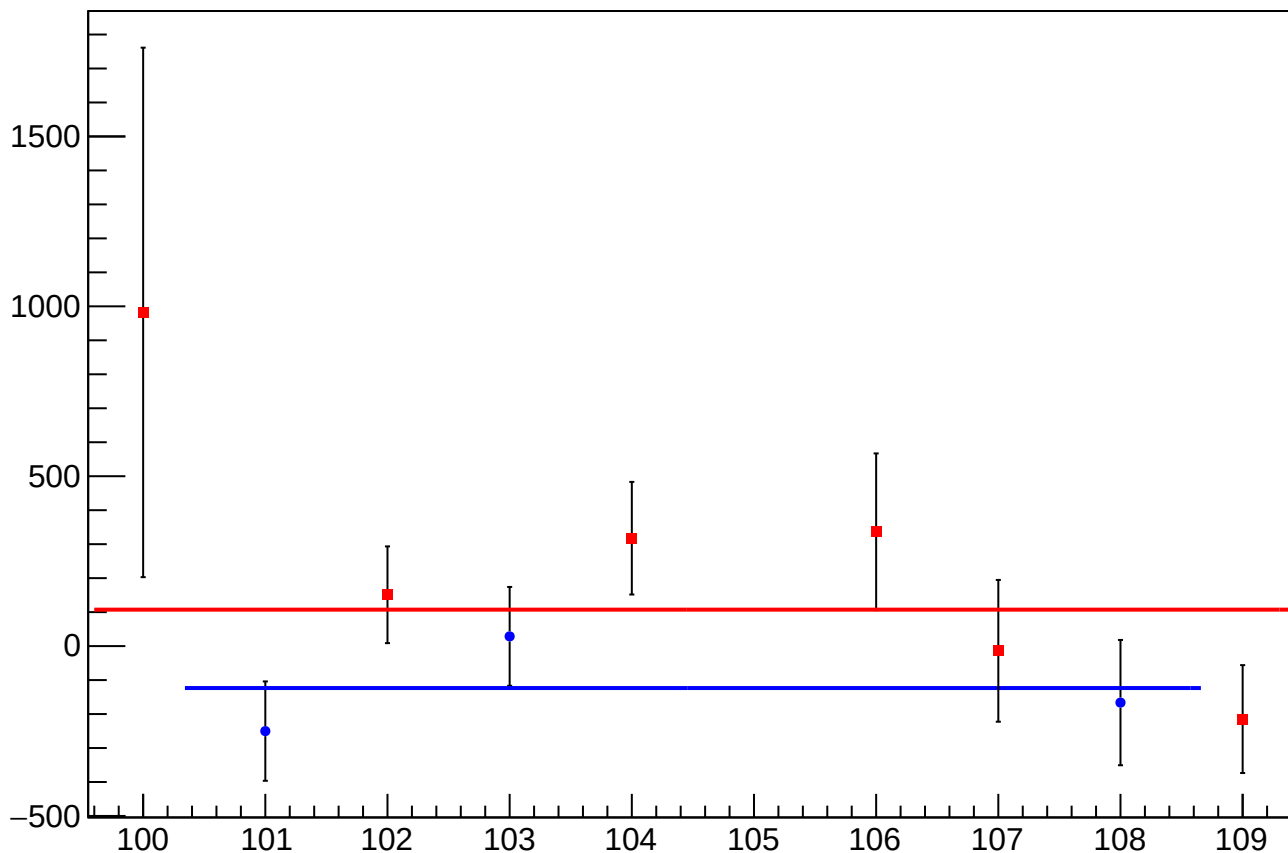
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 677.952 $\pm$ 0.241 χ^2 /NDF: 61866.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_mean vs Slug



Right In: -123.449 $\pm$ 90.011 χ^2 /NDF: 1.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.306 $\pm$ 76.962 χ^2 /NDF: 8.4/5

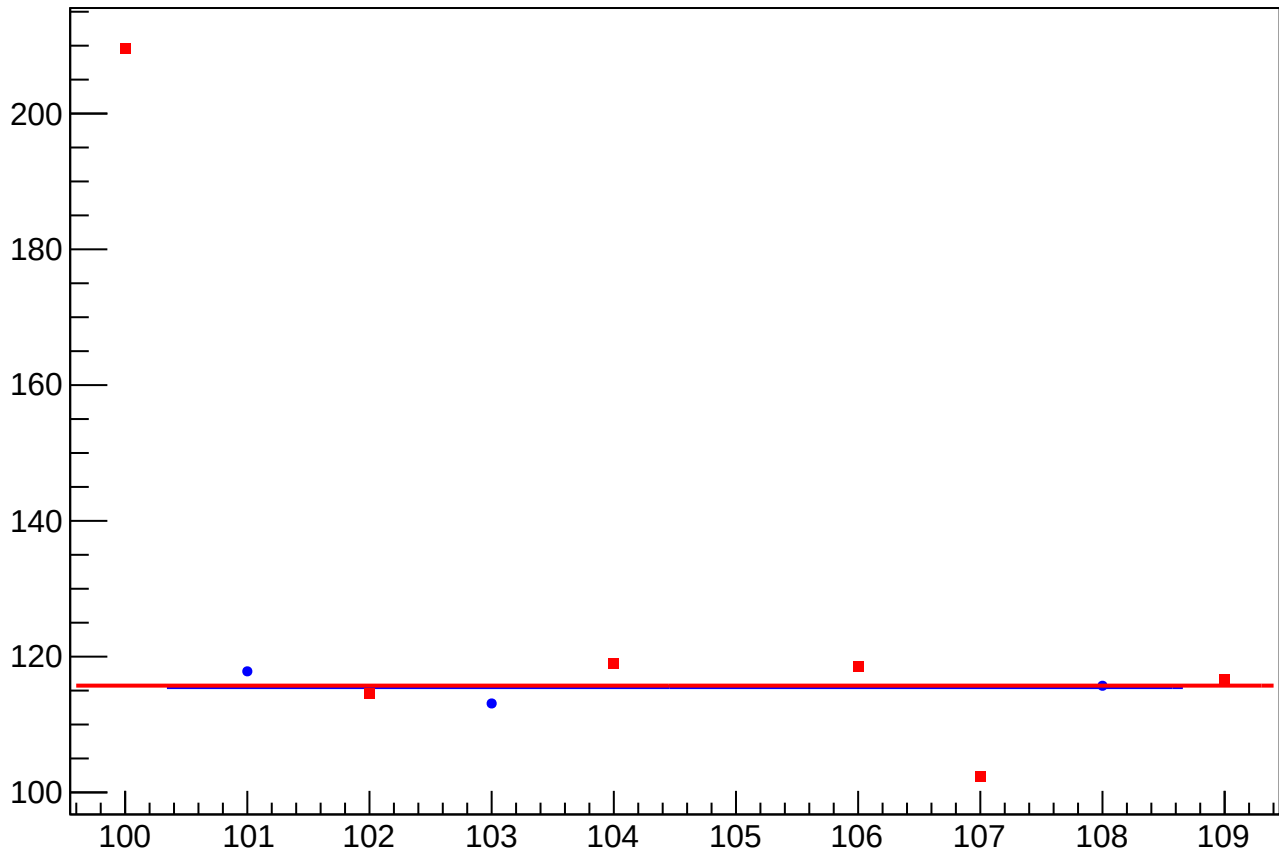
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.853 $\pm$ 58.495 χ^2 /NDF: 14.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 115.517 $\pm$ 0.064 χ^2 /NDF: 1055.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.731 $\pm$ 0.054 χ^2 /NDF: 38614.5/5

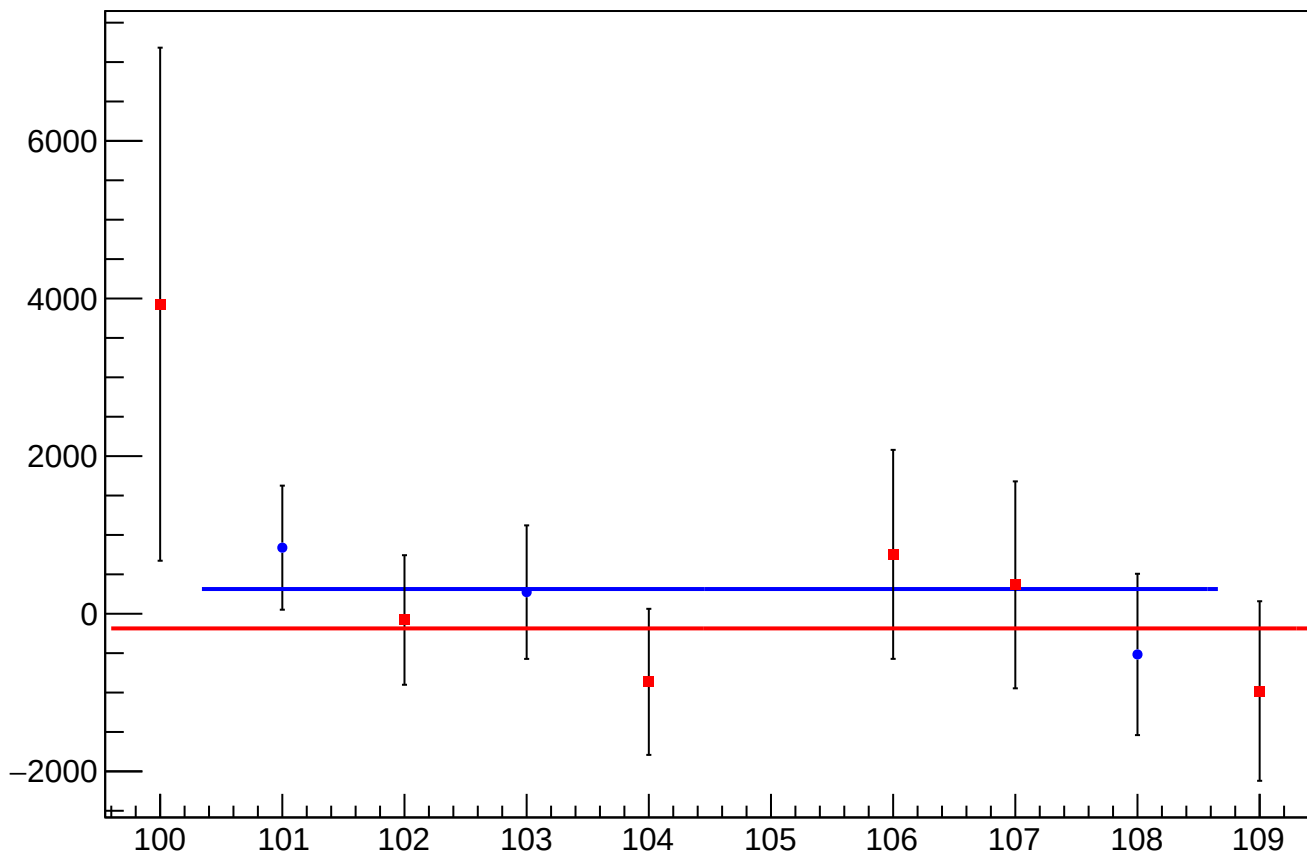
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 115.640 $\pm$ 0.041 χ^2 /NDF: 39676.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug



Right In: 313.648+/-502.394 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -186.081+/-463.346 χ^2/NDF : 3.3/5

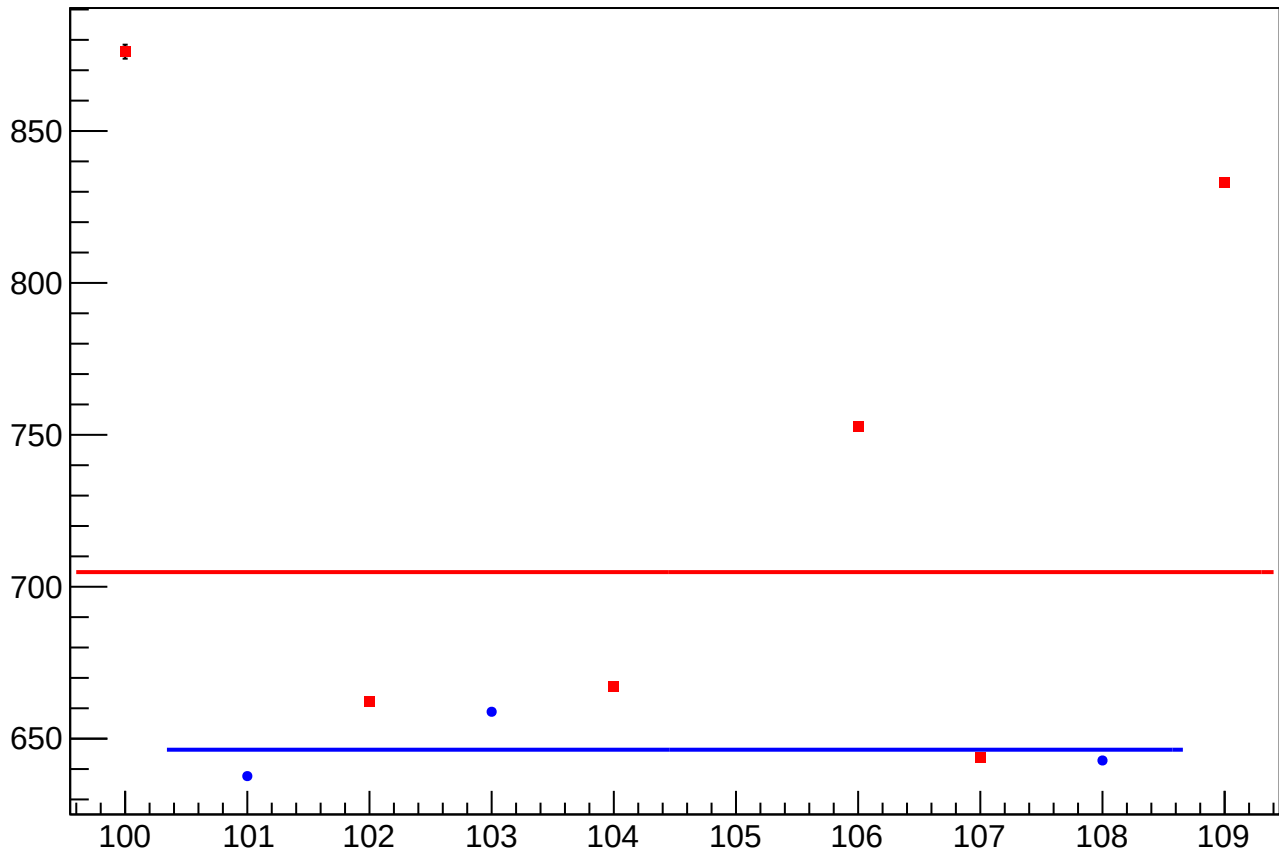
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.611+/-340.604 χ^2/NDF : 5.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug



Right In: 646.364 $\pm$ 0.355 χ^2 /NDF: 702.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 704.819 $\pm$ 0.328 χ^2 /NDF: 46532.7/5

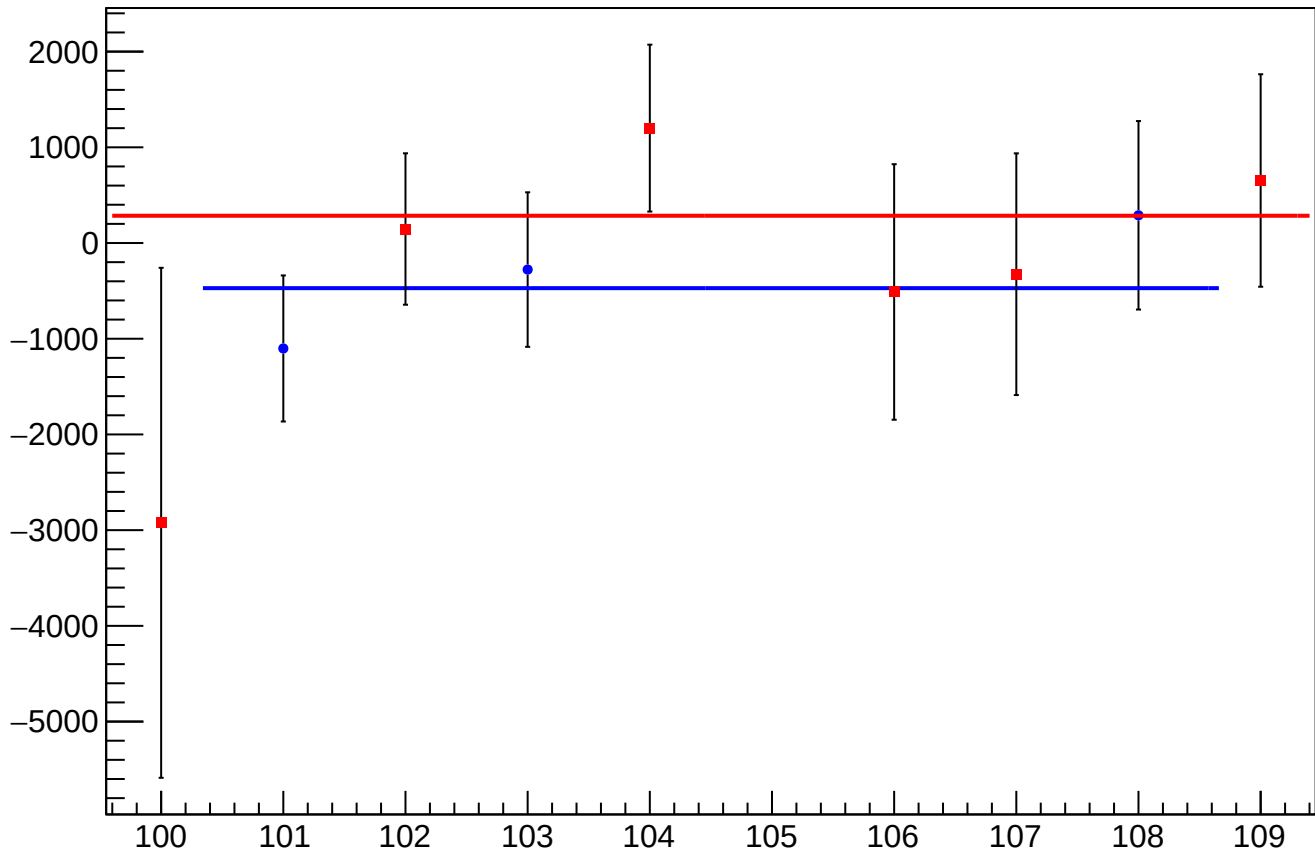
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 677.951 $\pm$ 0.241 χ^2 /NDF: 61865.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug



Right In: -471.503+/-483.178 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.924+/-444.801 χ^2/NDF : 3.3/5

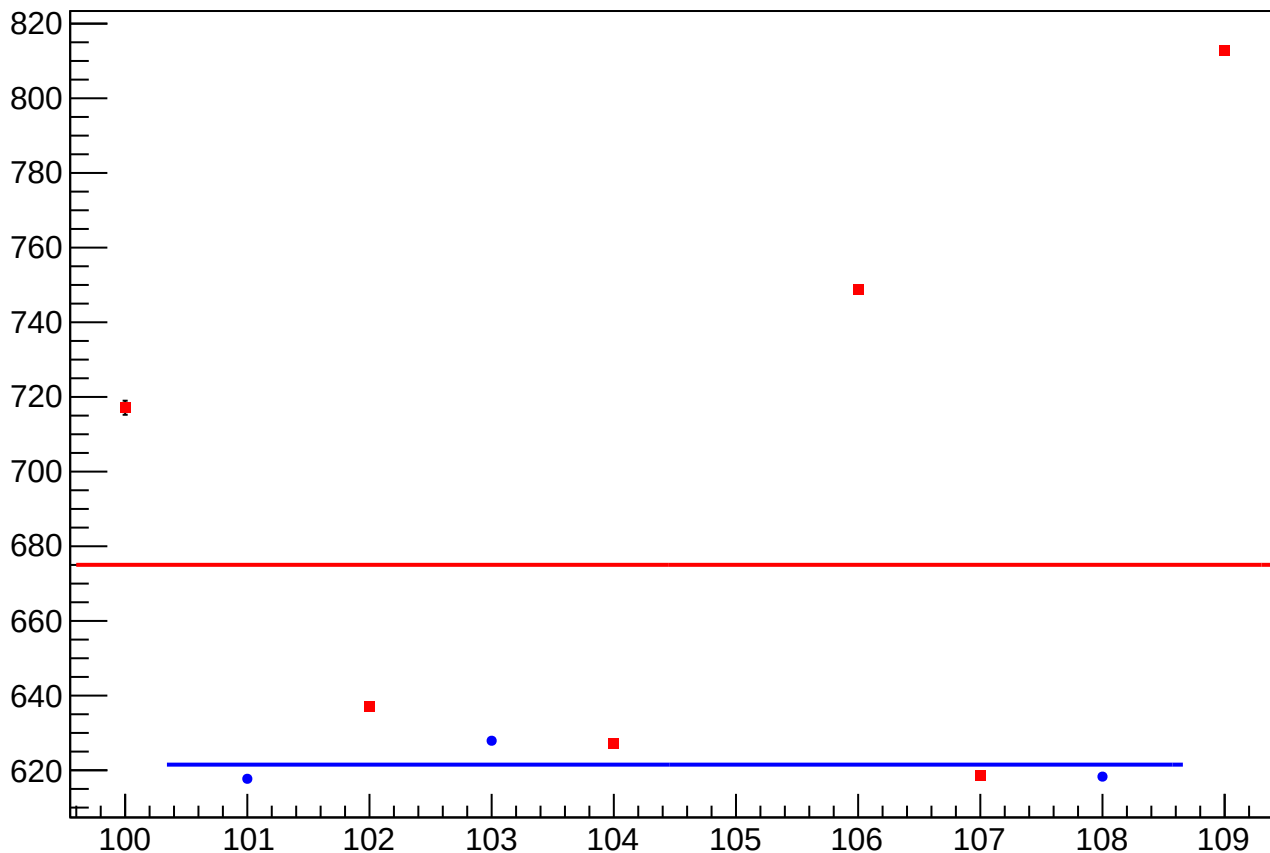
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -62.061+/-327.249 χ^2/NDF : 5.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 621.506 $\pm$ 0.342 χ^2 /NDF: 196.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 675.028 $\pm$ 0.315 χ^2 /NDF: 52003.5/5

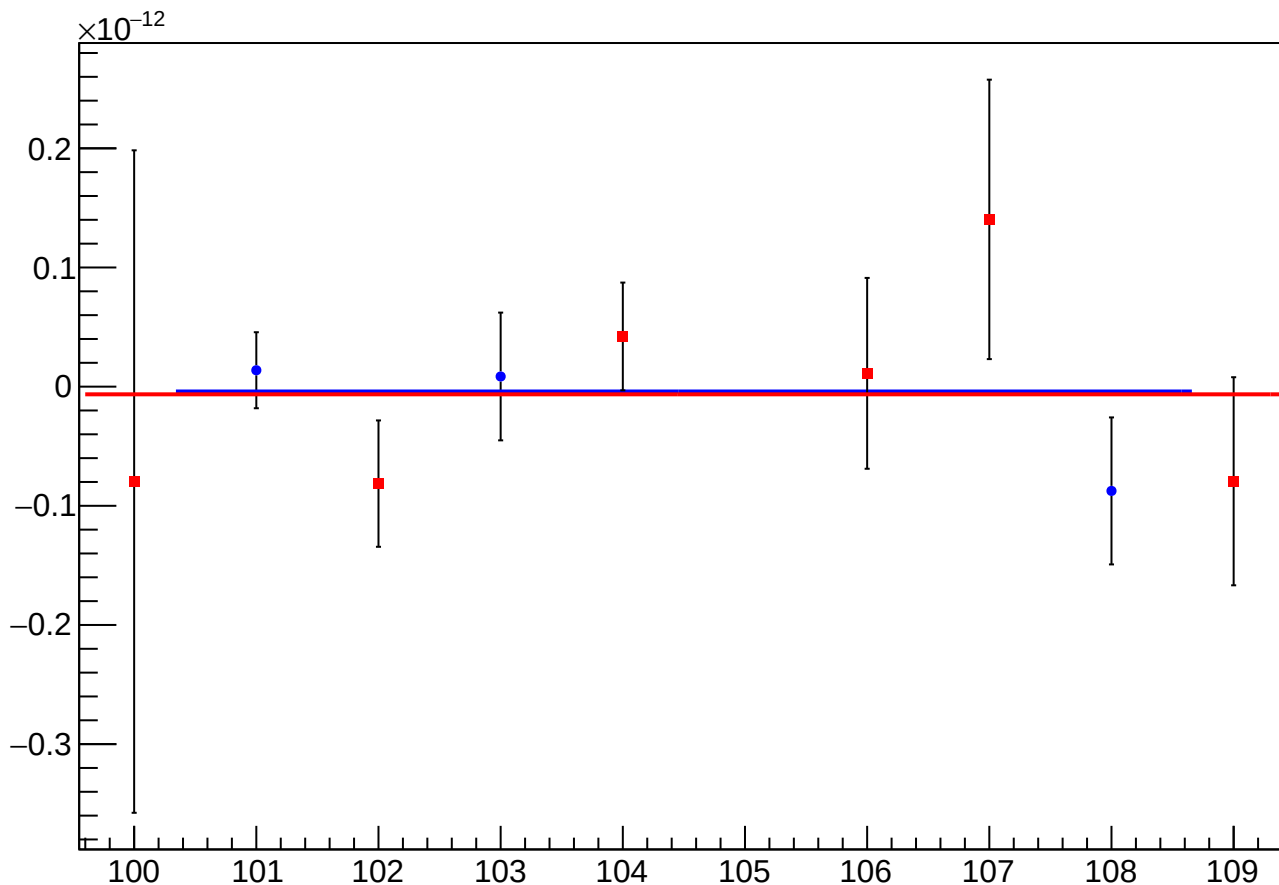
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 650.476 $\pm$ 0.231 χ^2 /NDF: 65483.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 2.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 5.5/5

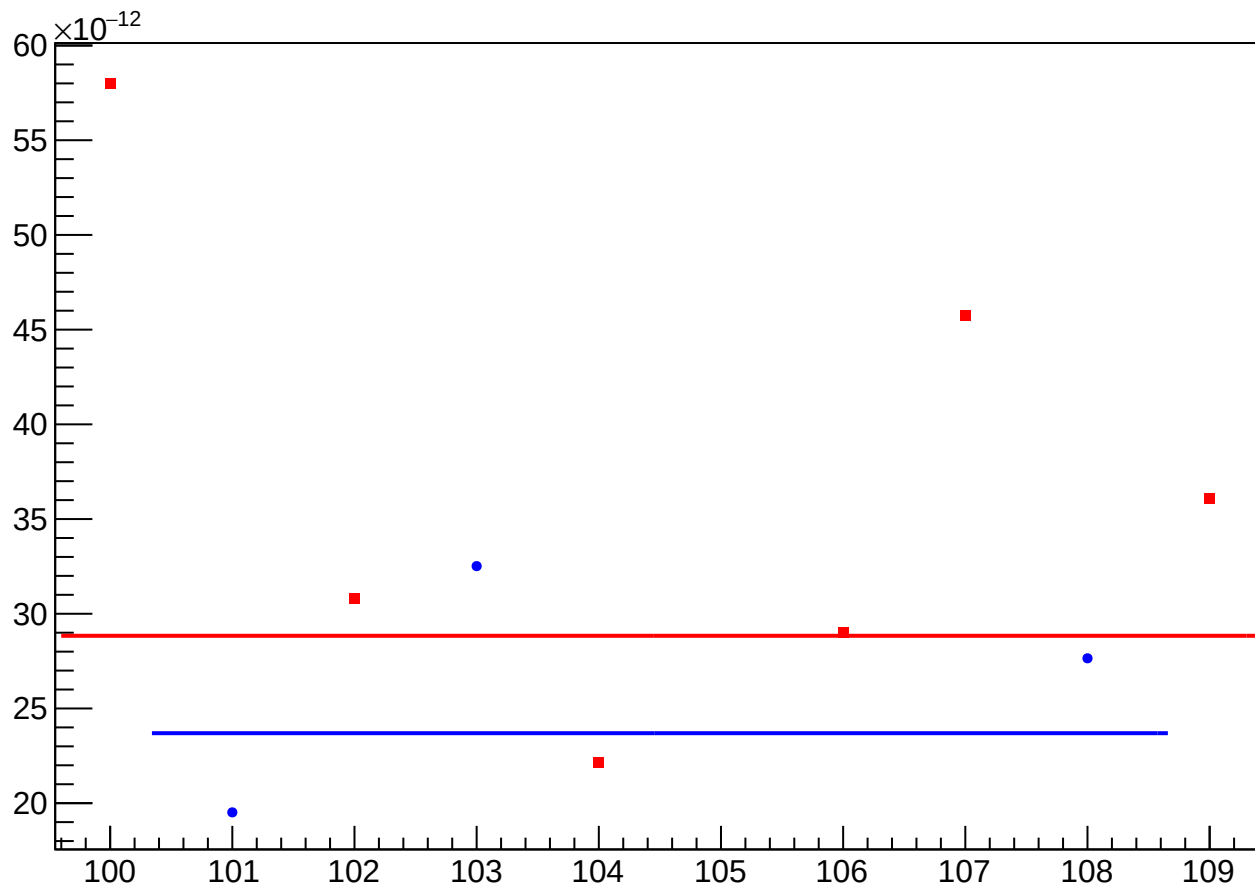
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 7.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 96723.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 123892.7/5

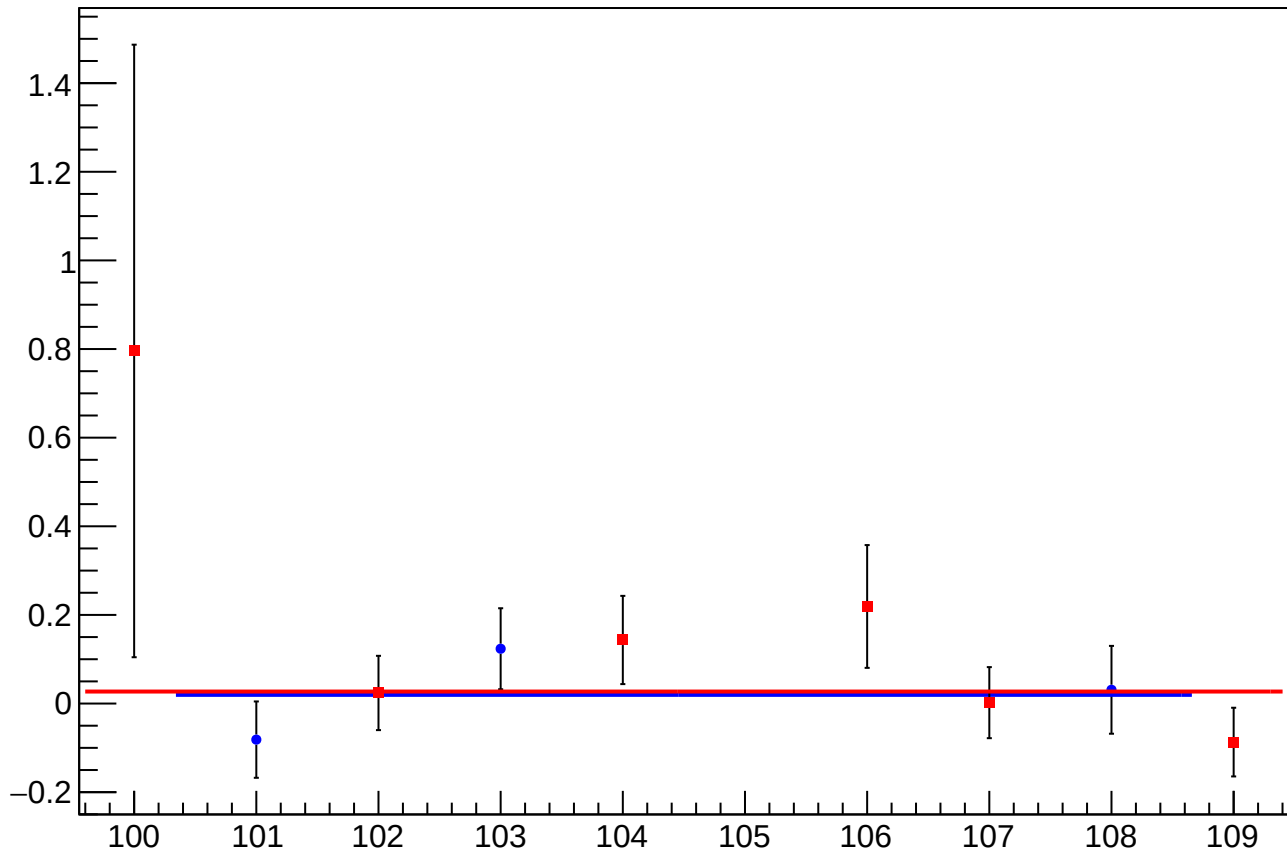
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 257123.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.053 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.040 χ^2 /NDF: 6.8/5

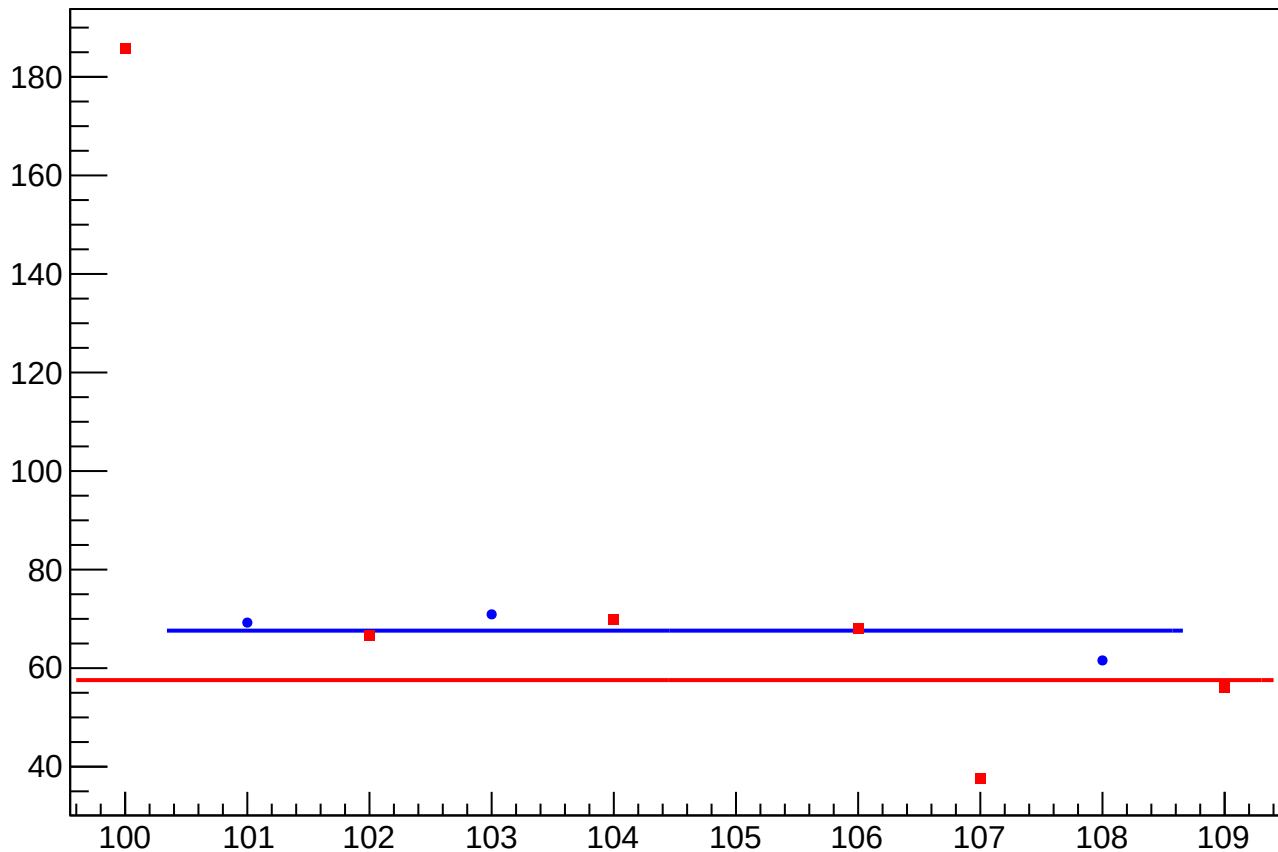
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.032 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.574 $\pm$ 0.028 χ^2 /NDF: 259881.5/5

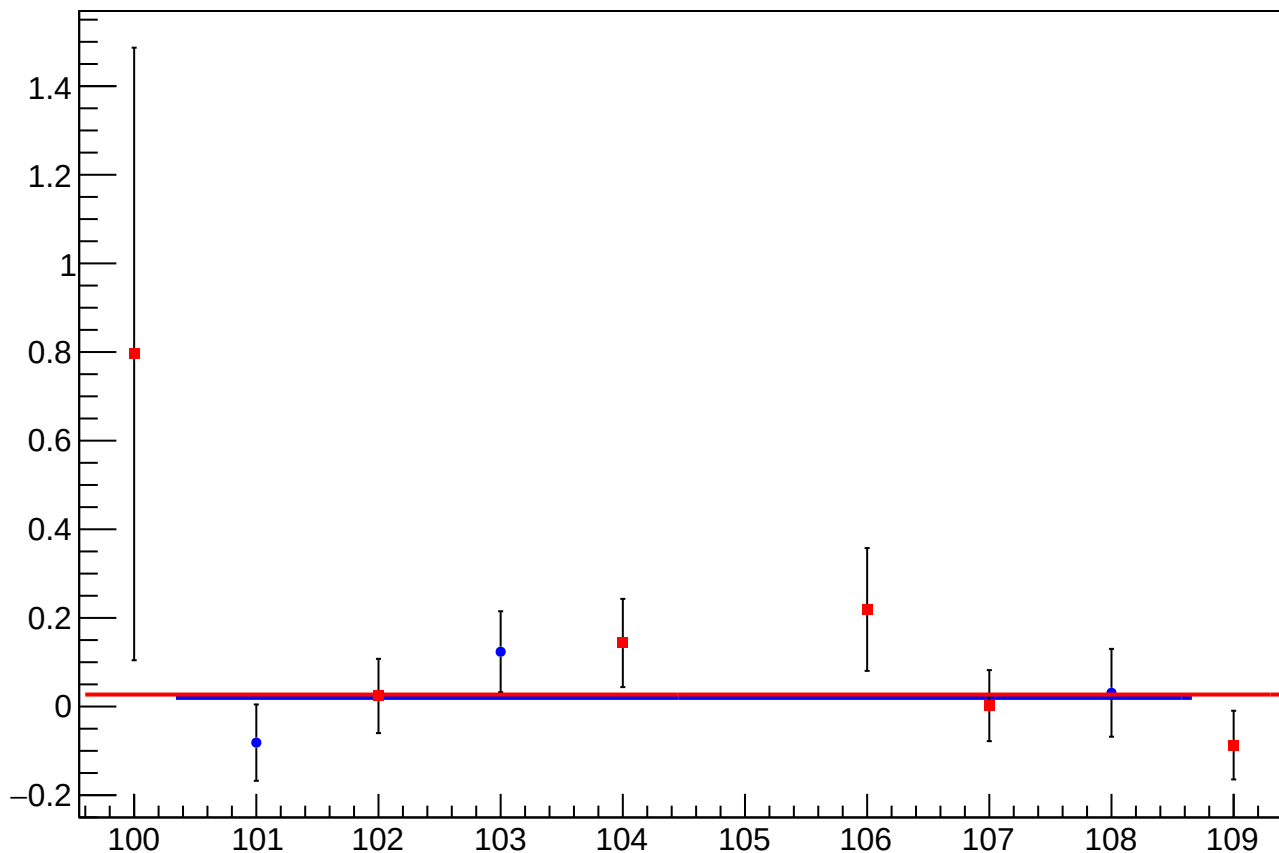
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.239 $\pm$ 0.023 χ^2 /NDF: 316235.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.053 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.040 χ^2 /NDF: 6.8/5

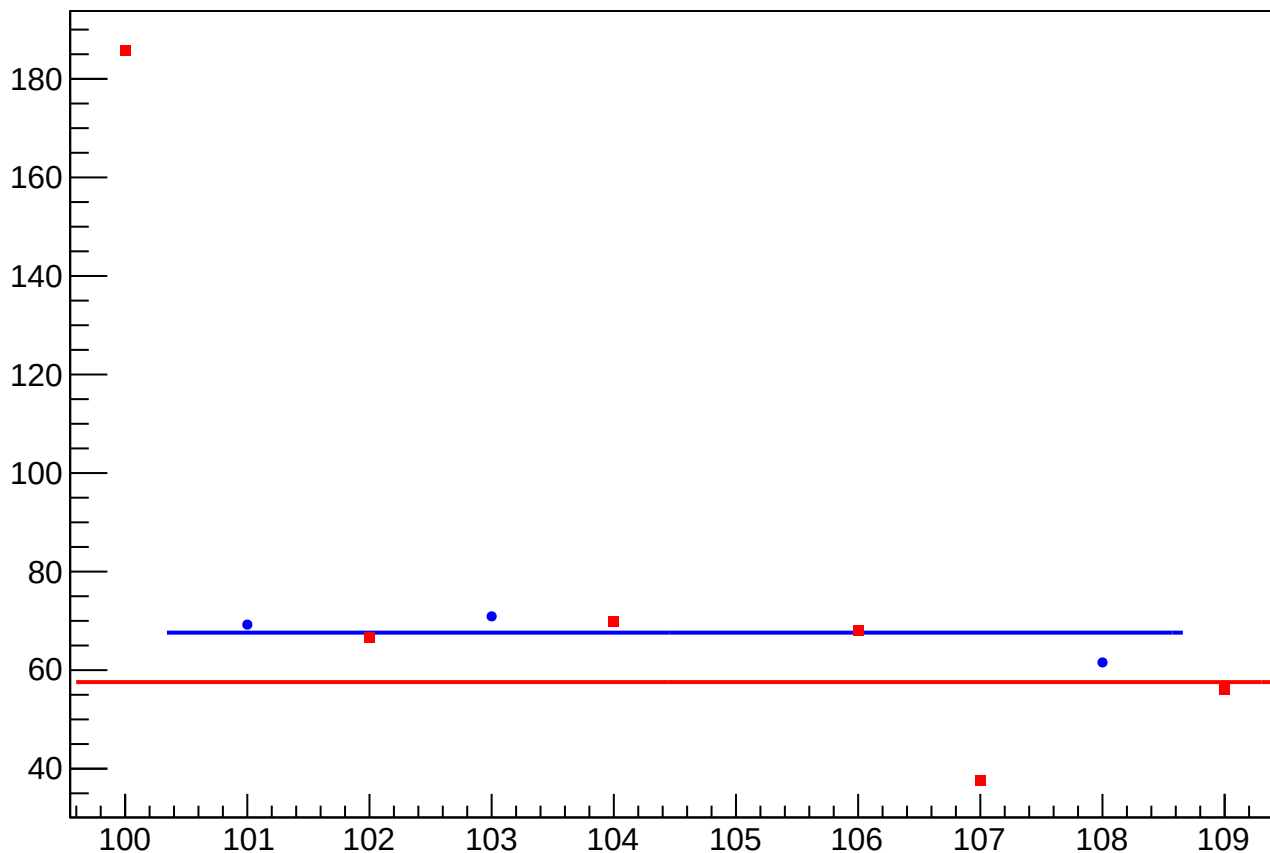
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.032 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.574 $\pm$ 0.028 χ^2 /NDF: 259881.5/5

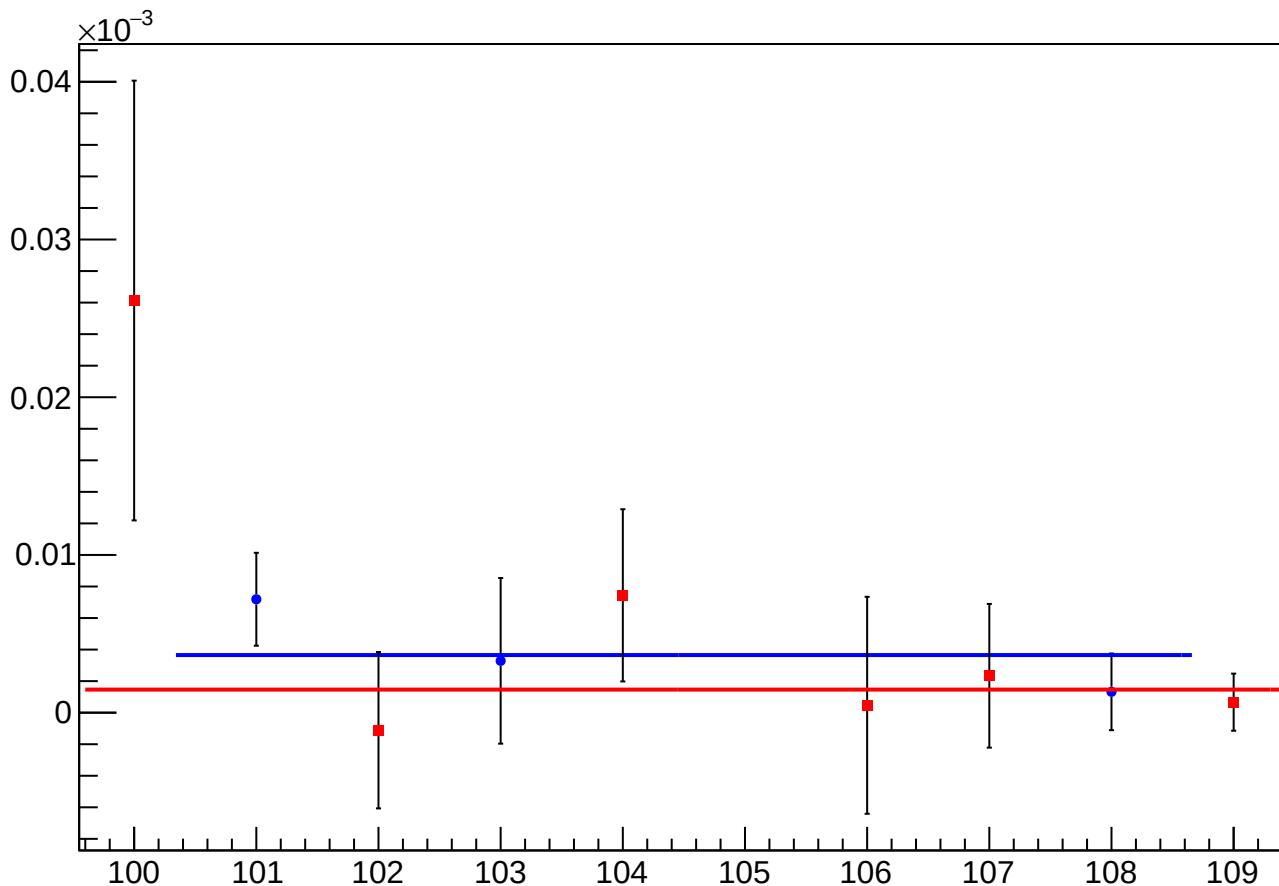
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.239 $\pm$ 0.023 χ^2 /NDF: 316235.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4.9/5

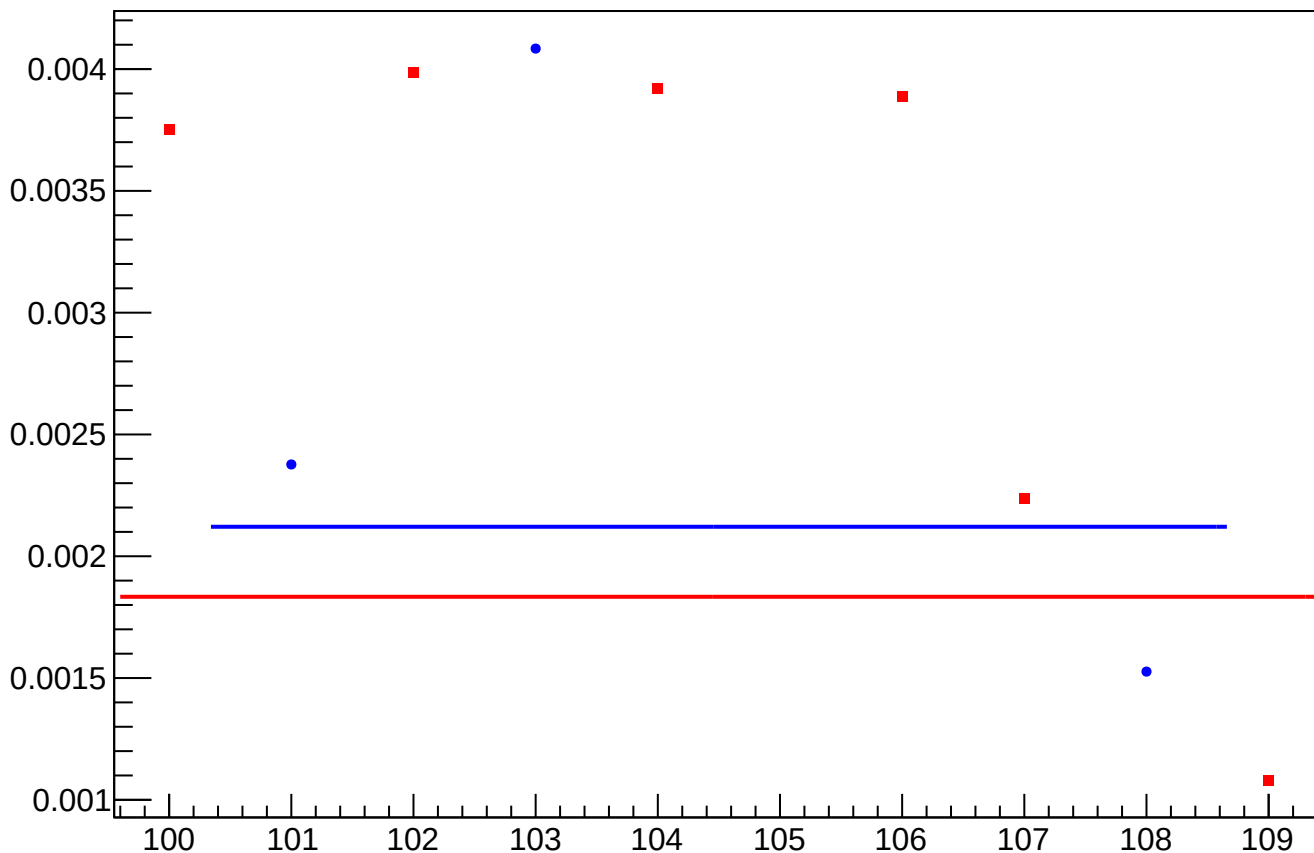
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 414311.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1248872.3/5

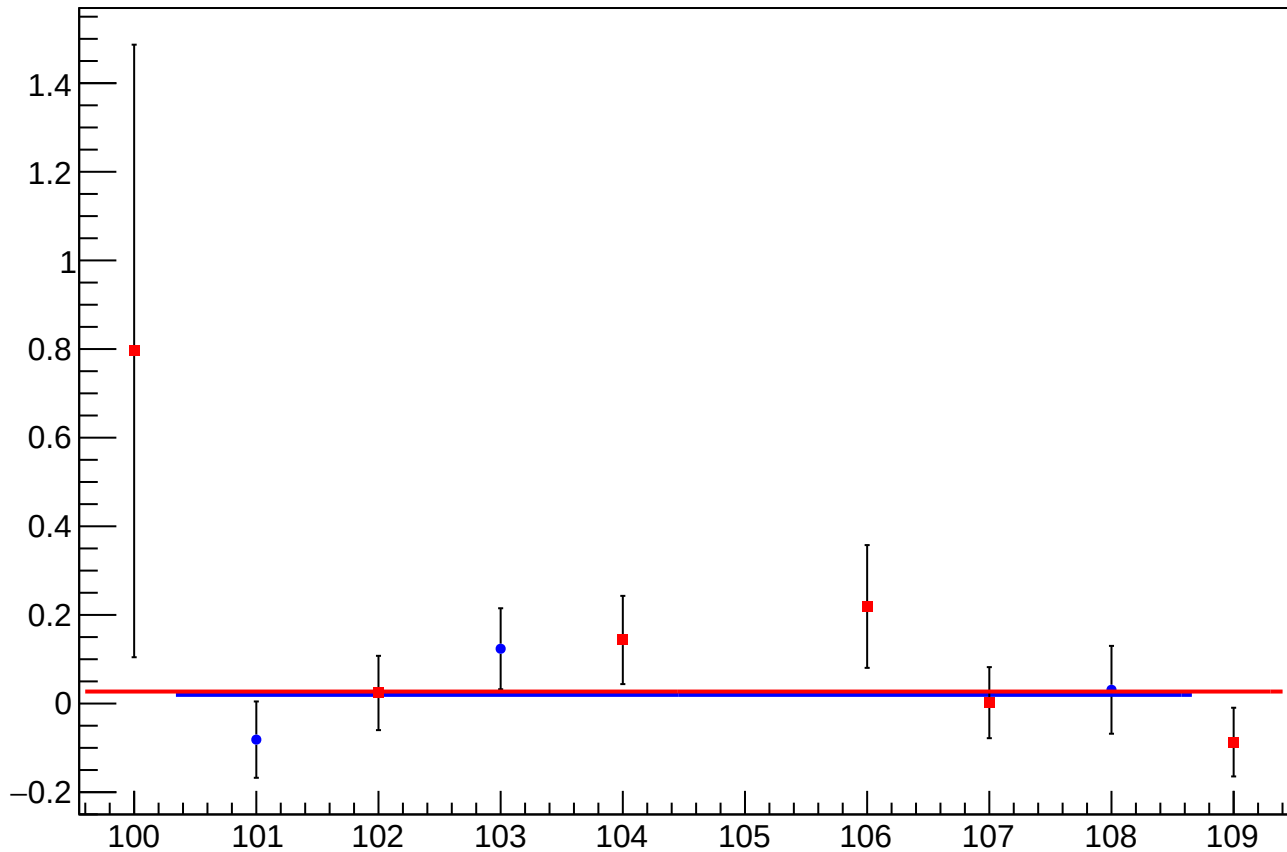
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 1694256.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.053 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.040 χ^2 /NDF: 6.8/5

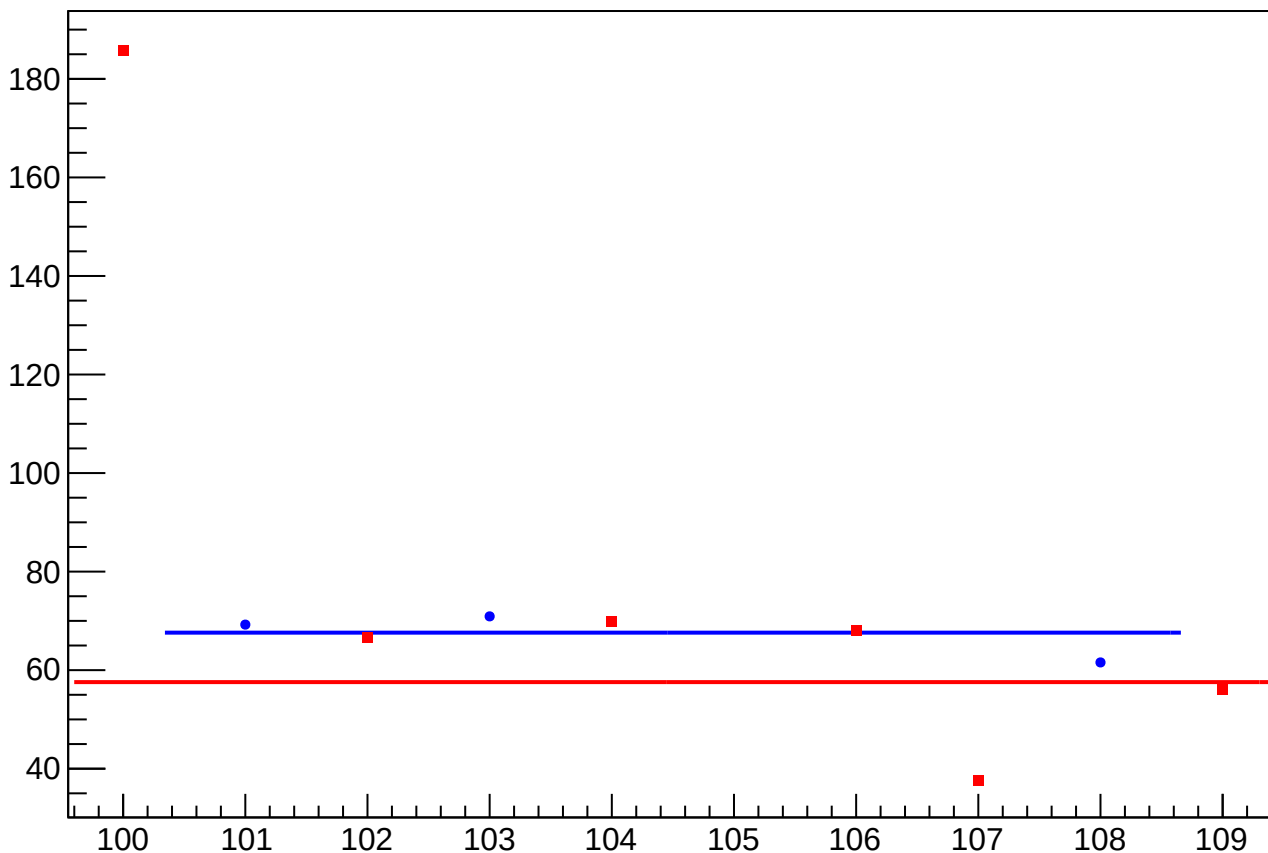
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.032 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.573 $\pm$ 0.028 χ^2 /NDF: 259866.1/5

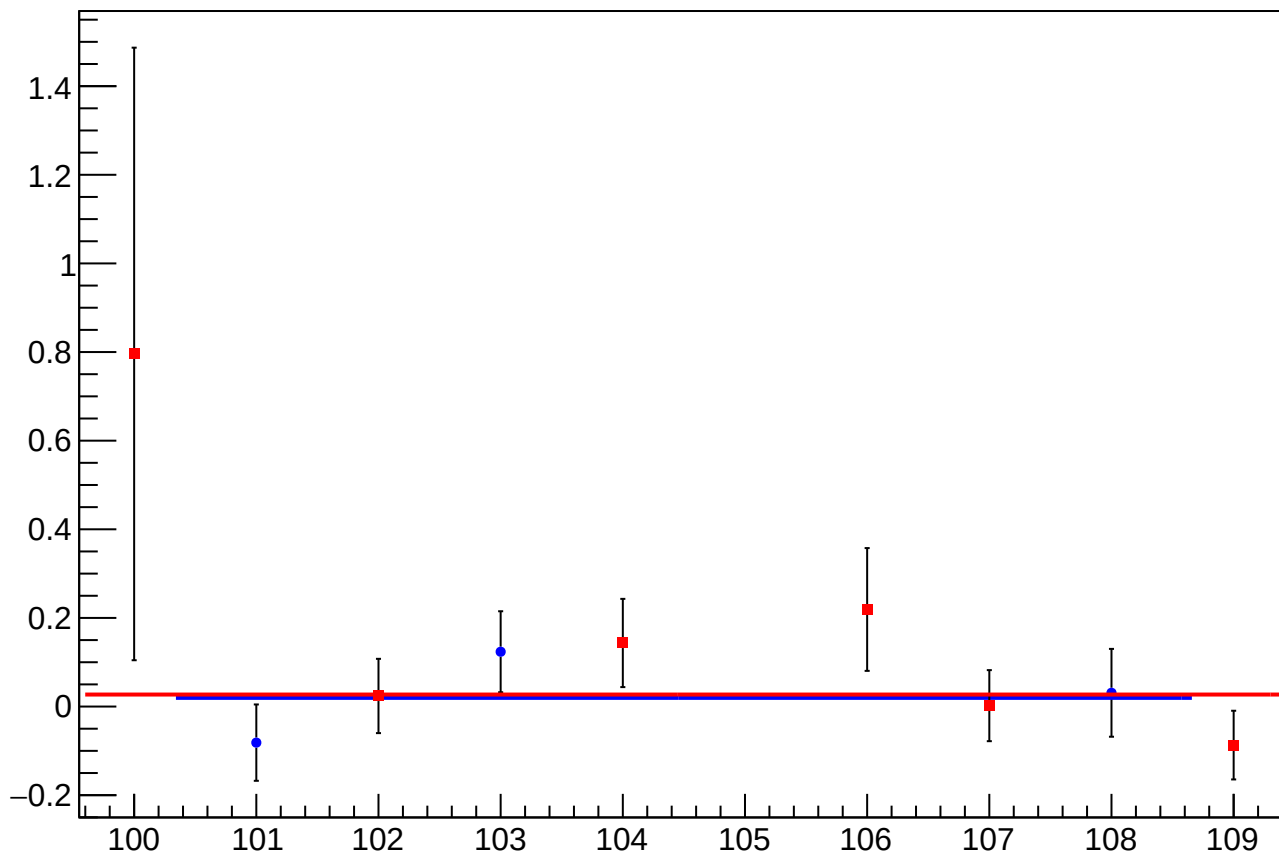
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.239 $\pm$ 0.023 χ^2 /NDF: 316221.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.053 χ^2 /NDF: 2.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.027 $\pm$ 0.040 χ^2 /NDF: 6.8/5

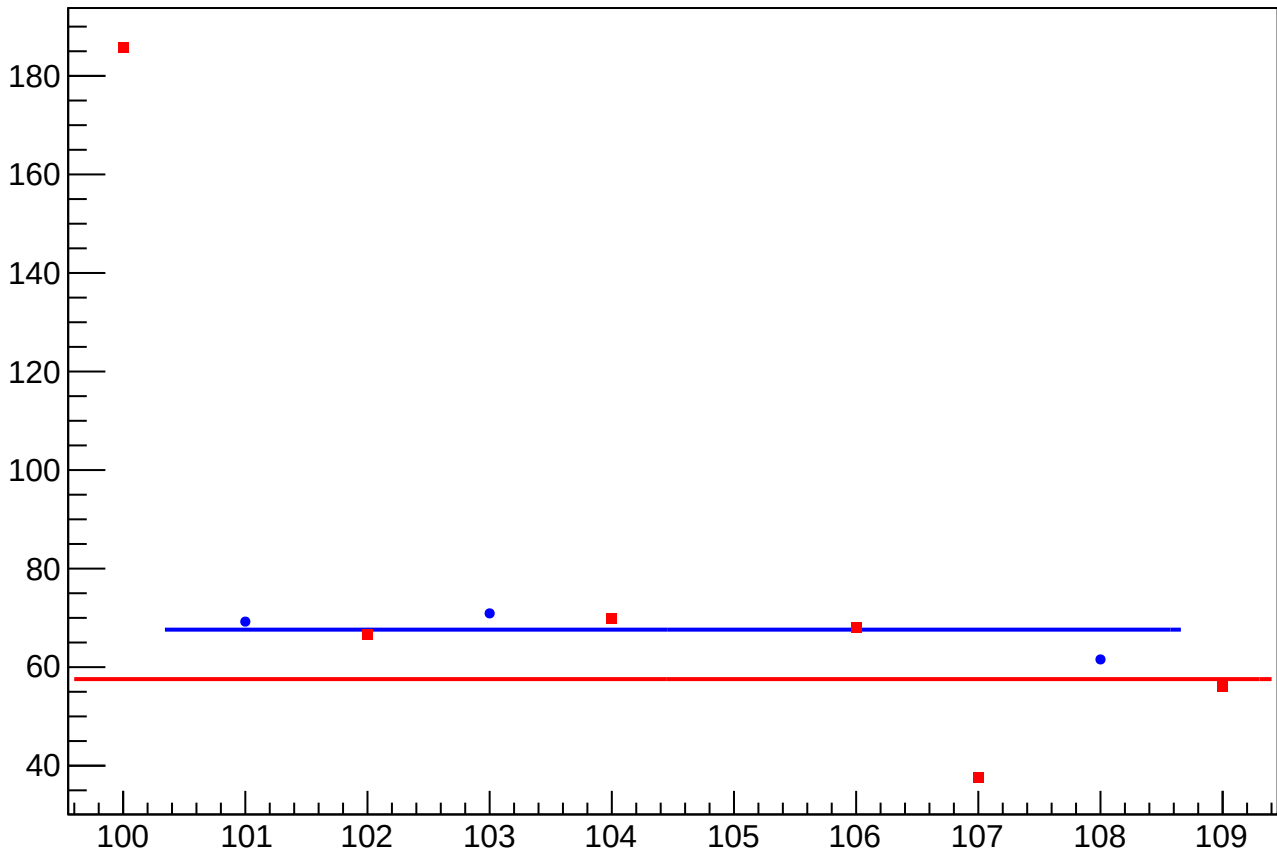
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.032 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 67.612 $\pm$ 0.037 χ^2 /NDF: 10768.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 57.573 $\pm$ 0.028 χ^2 /NDF: 259866.1/5

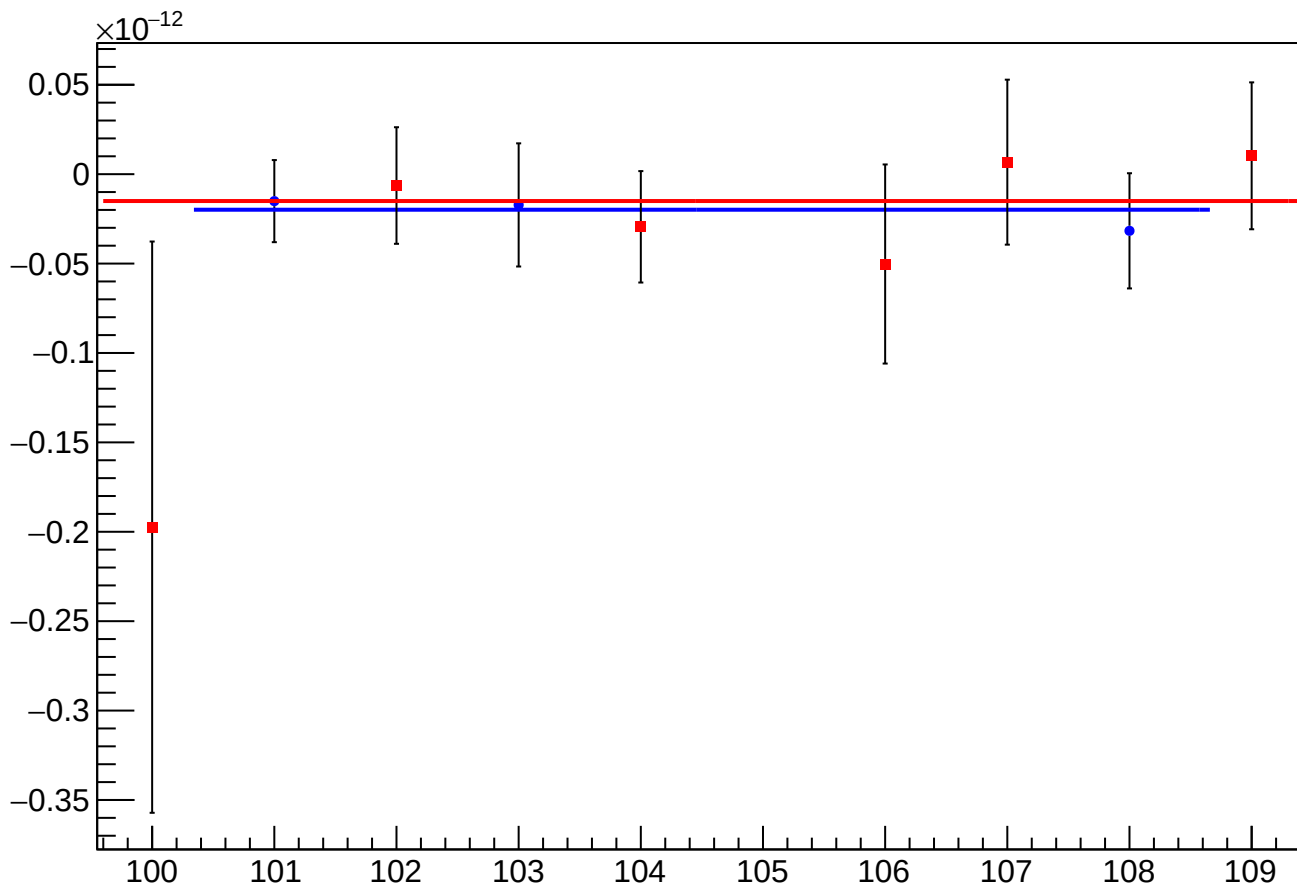
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.239 $\pm$ 0.023 χ^2 /NDF: 316221.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.6/5

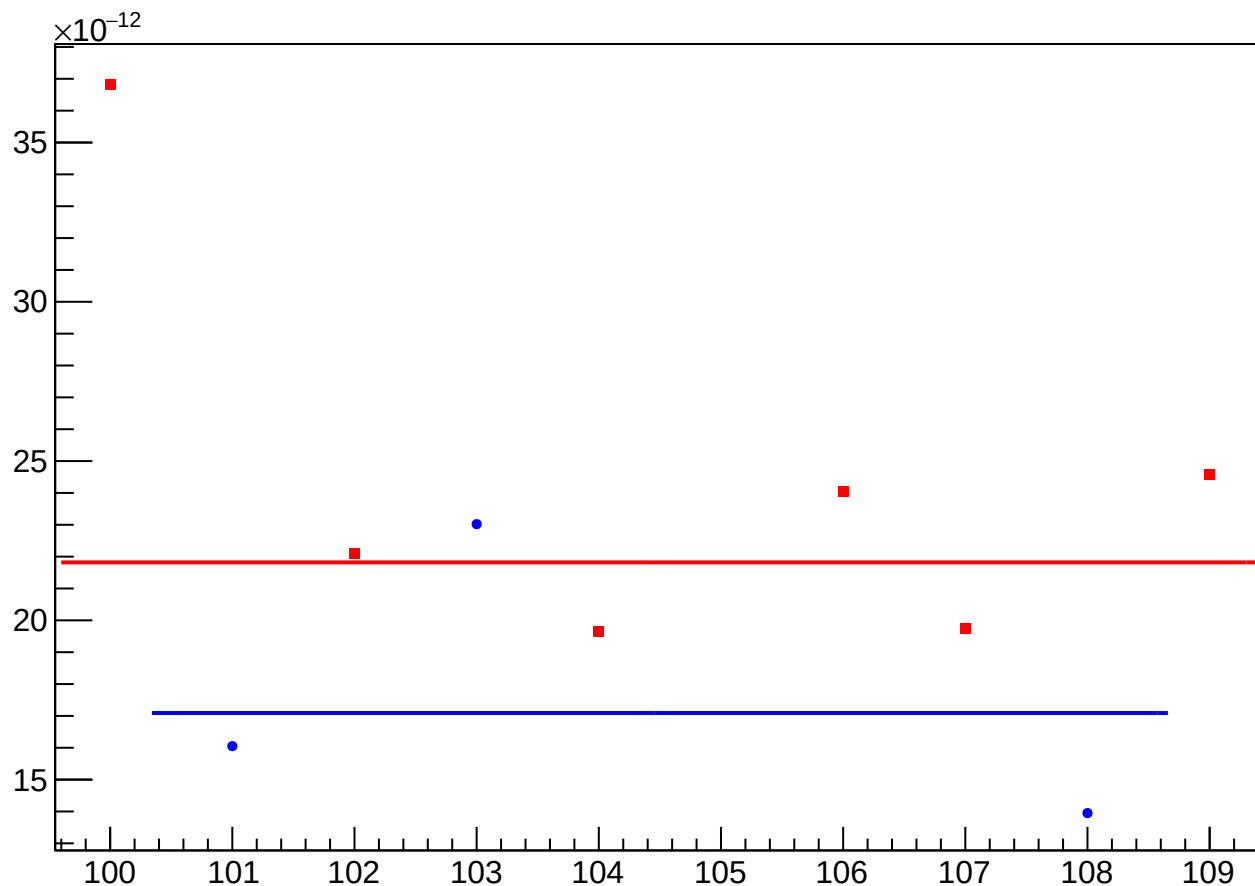
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 2.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 82396.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 43643.2/5

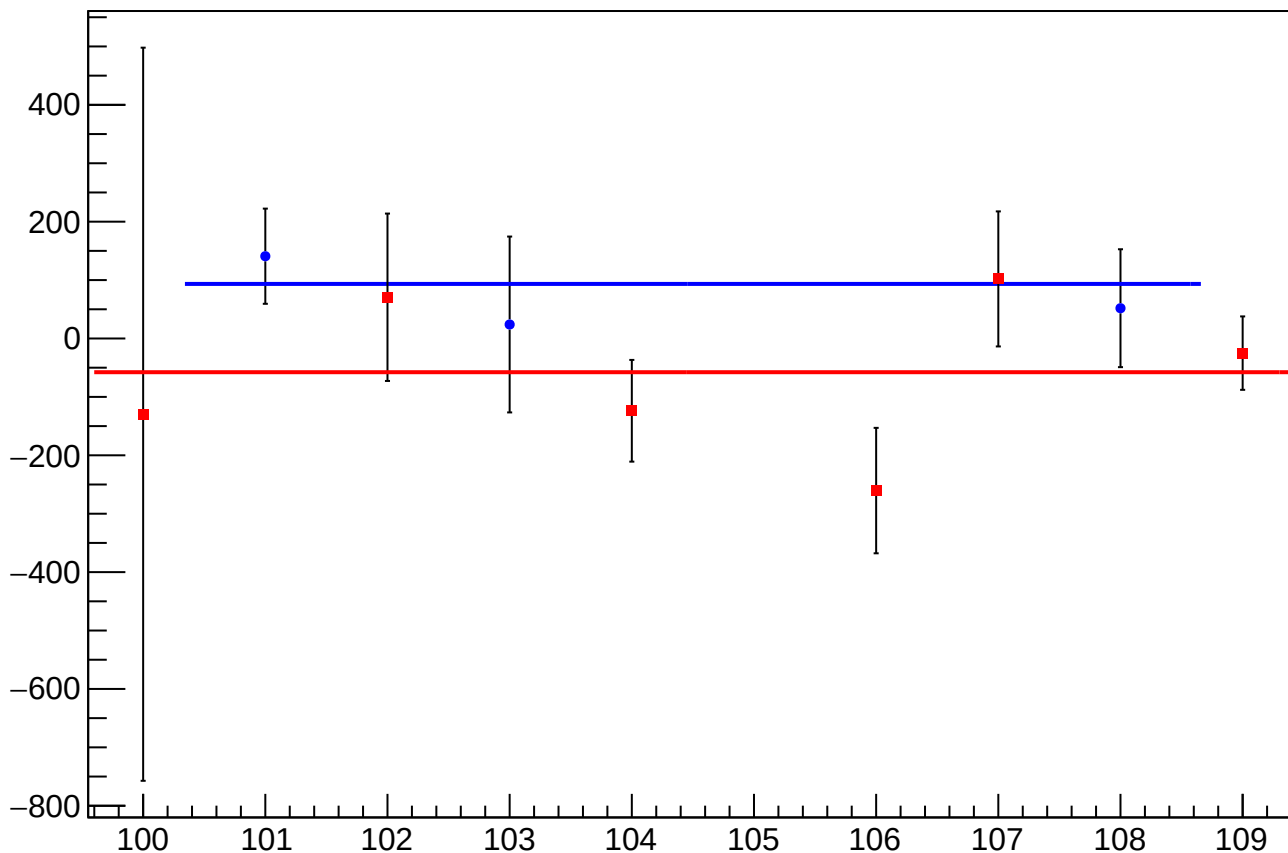
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 205258.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 93.424+/-58.427 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -57.725+/-40.897 χ^2/NDF : 7.1/5

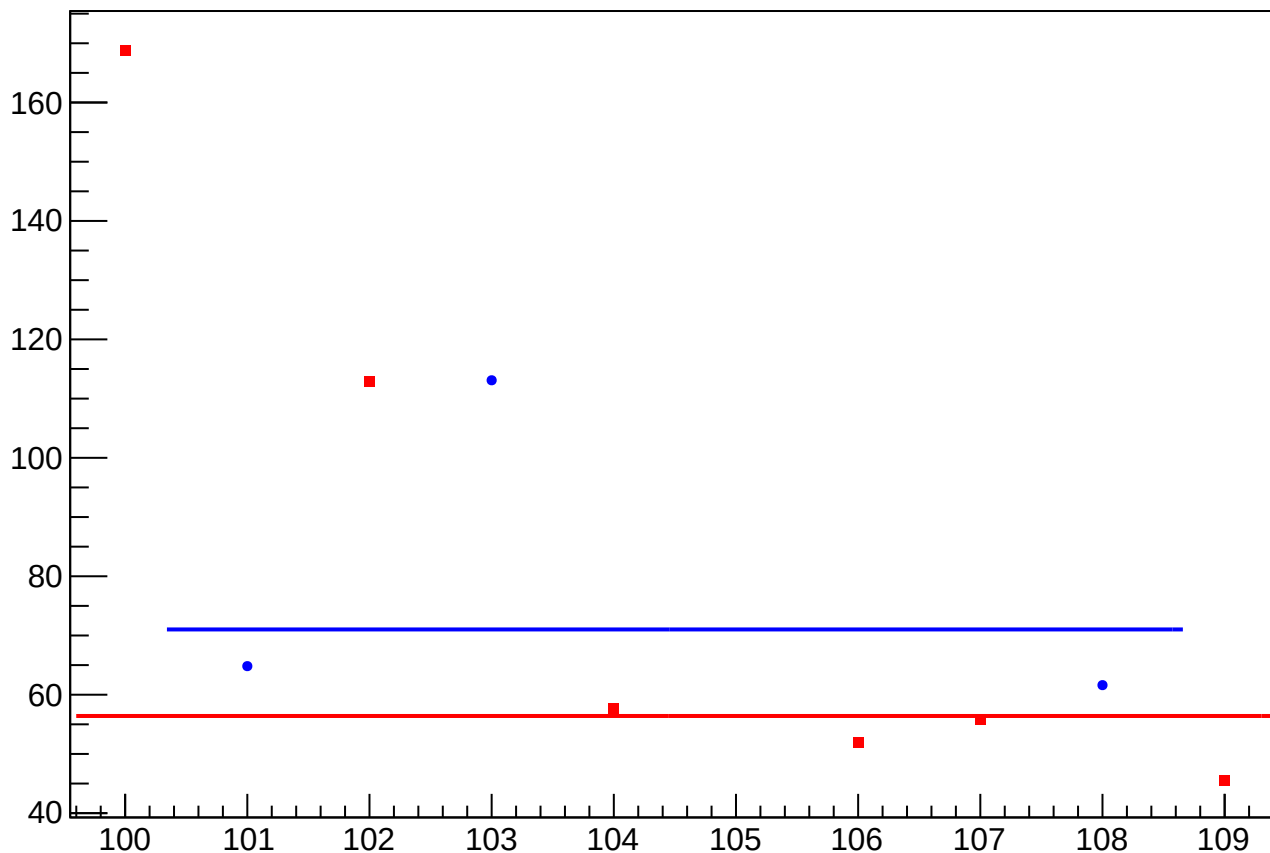
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.021+/-33.504 χ^2/NDF : 12.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 71.021+/-0.041 χ^2/NDF : 185142.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.410+/-0.029 χ^2/NDF : 439831.4/5

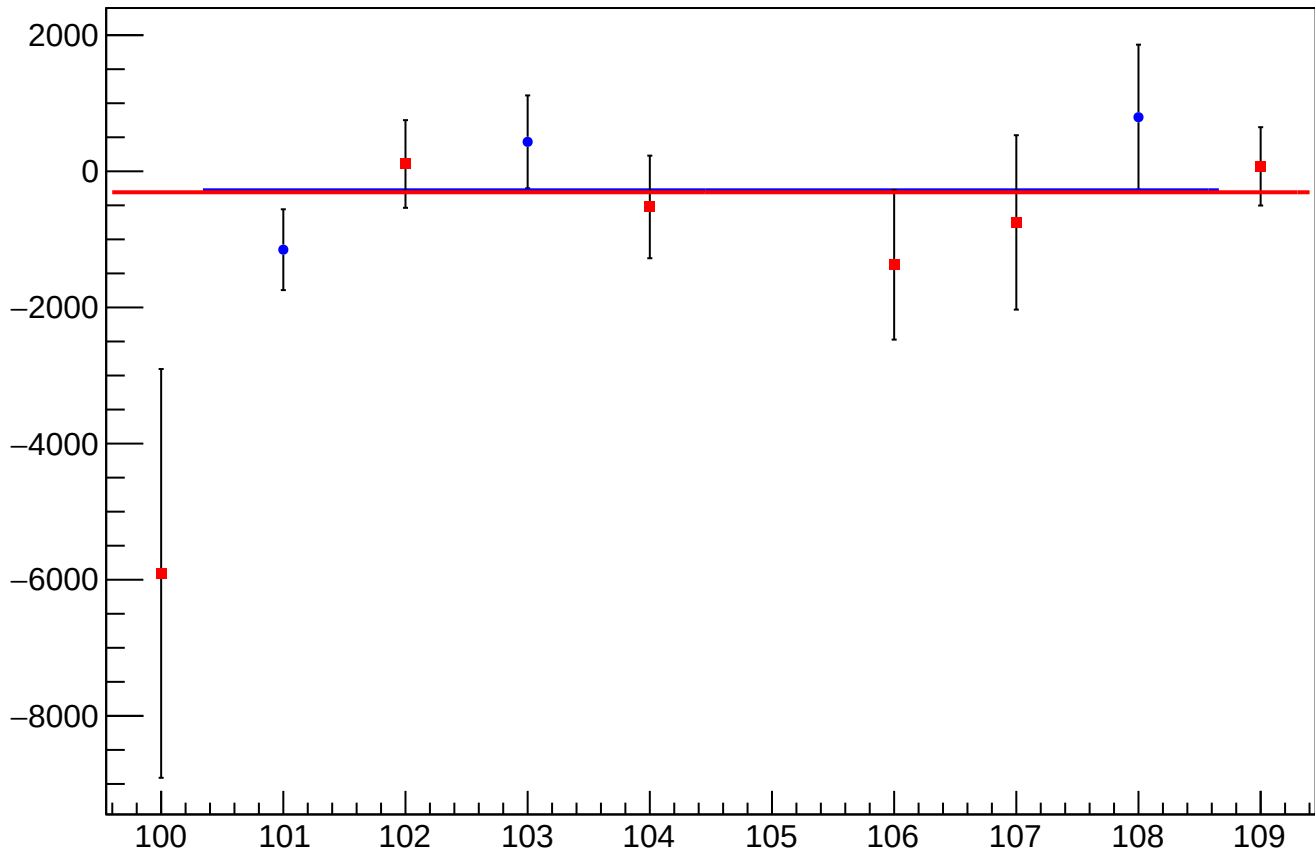
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.214+/-0.024 χ^2/NDF : 708920.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: -279.287+/-412.795 χ^2 /NDF: 4.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -307.928+/-338.244 χ^2 /NDF: 5.5/5

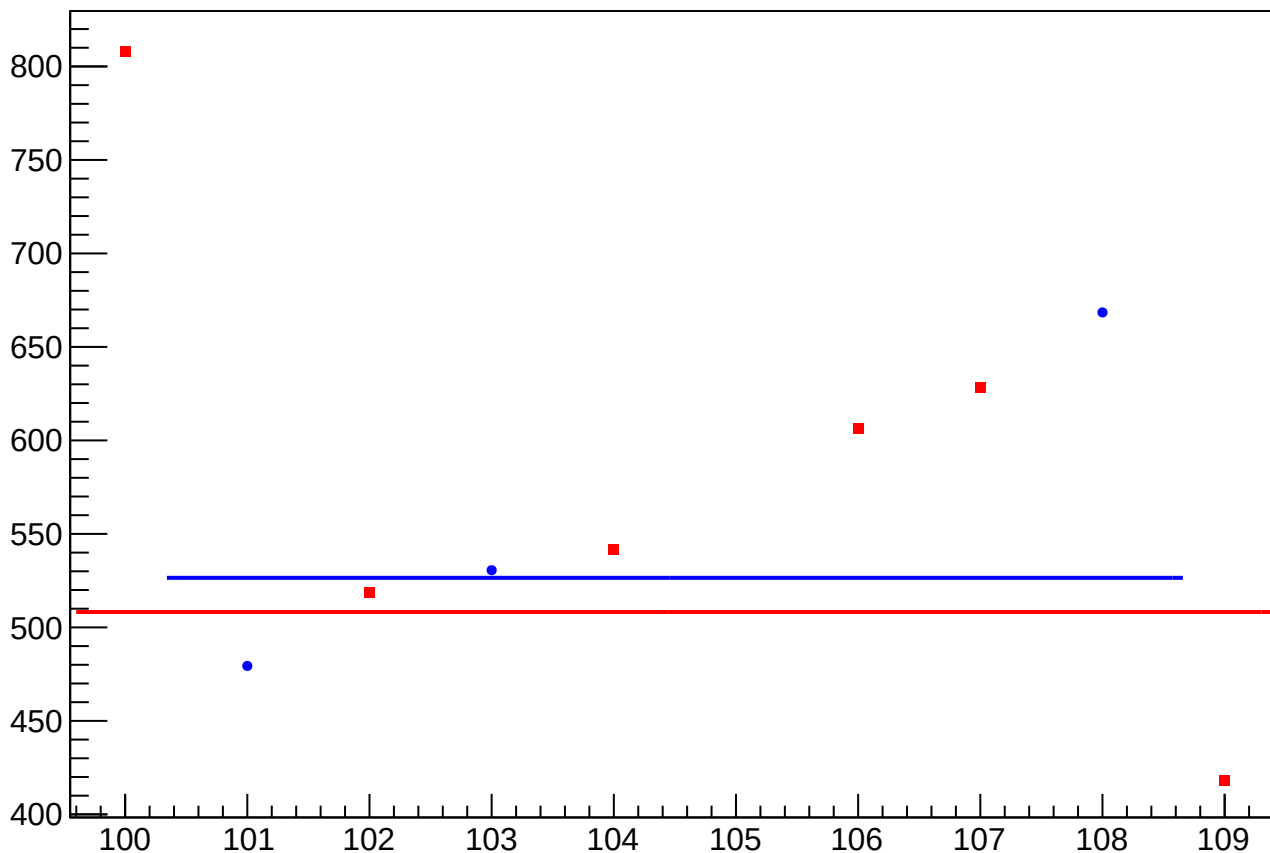
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -296.423+/-261.630 χ^2 /NDF: 9.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 526.512 $\pm$ 0.292 χ^2 /NDF: 48166.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 508.234 $\pm$ 0.239 χ^2 /NDF: 106606.2/5

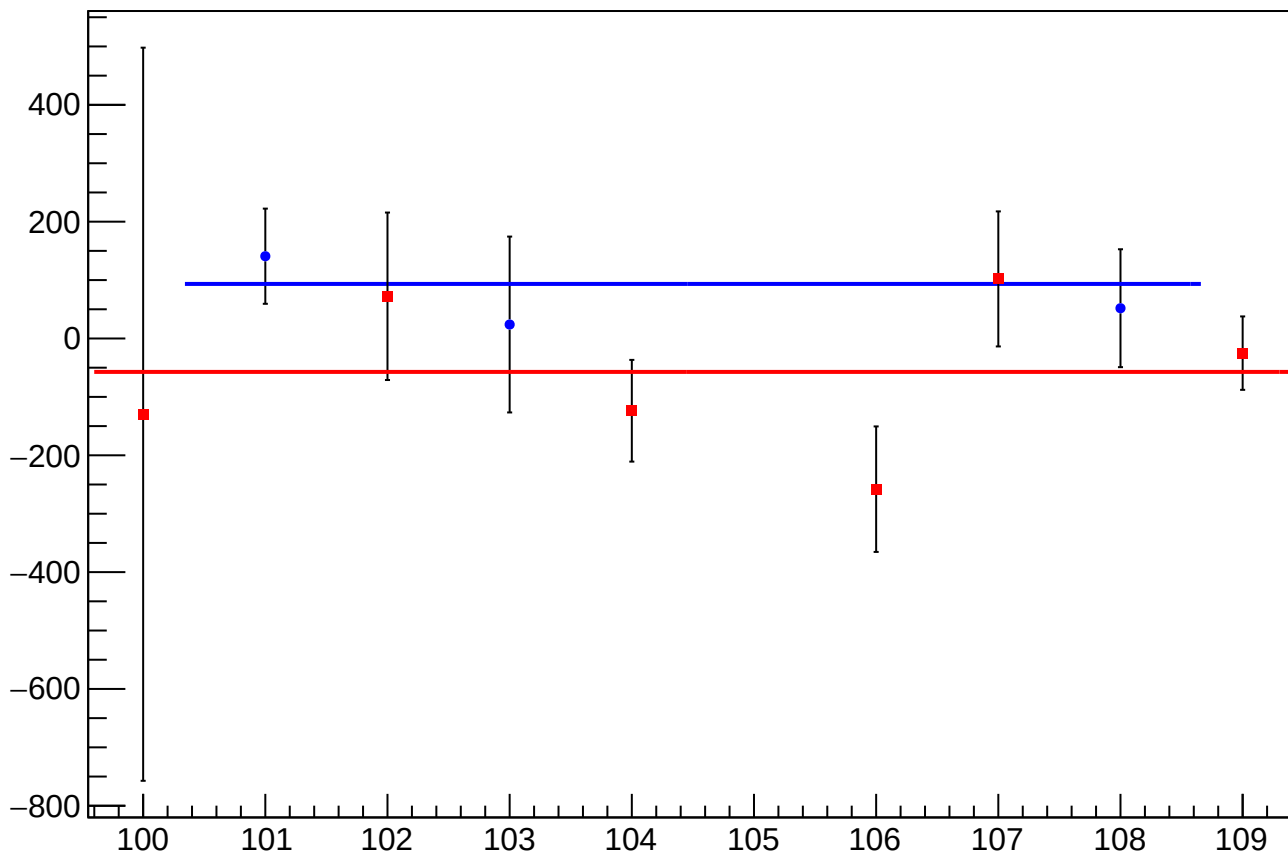
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 515.577 $\pm$ 0.185 χ^2 /NDF: 157118.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: 93.411 $\pm$ 58.427 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.216 $\pm$ 40.901 χ^2 /NDF: 7.1/5

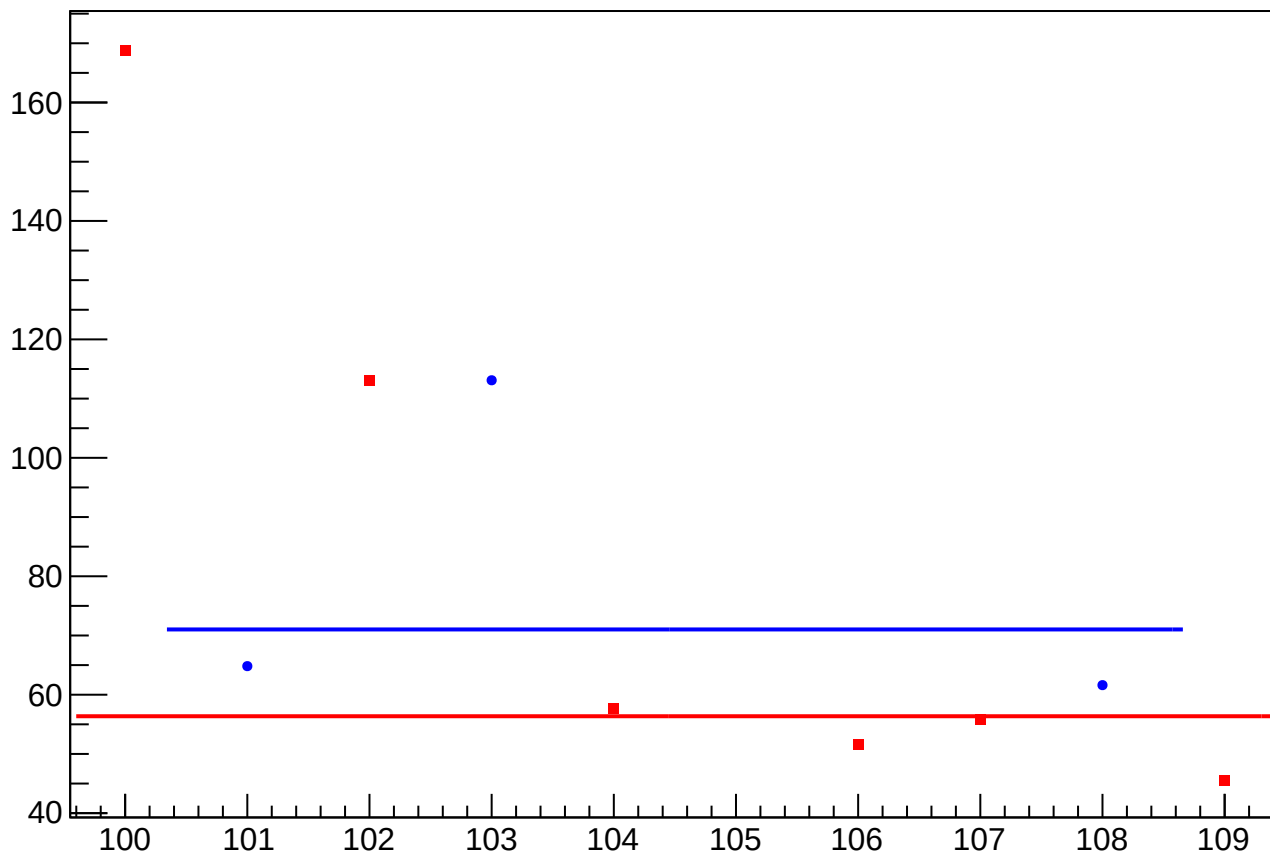
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.677 $\pm$ 33.507 χ^2 /NDF: 12.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



Right In: 71.021 $\pm$ 0.041 χ^2 /NDF: 185144.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.366 $\pm$ 0.029 χ^2 /NDF: 440563.3/5

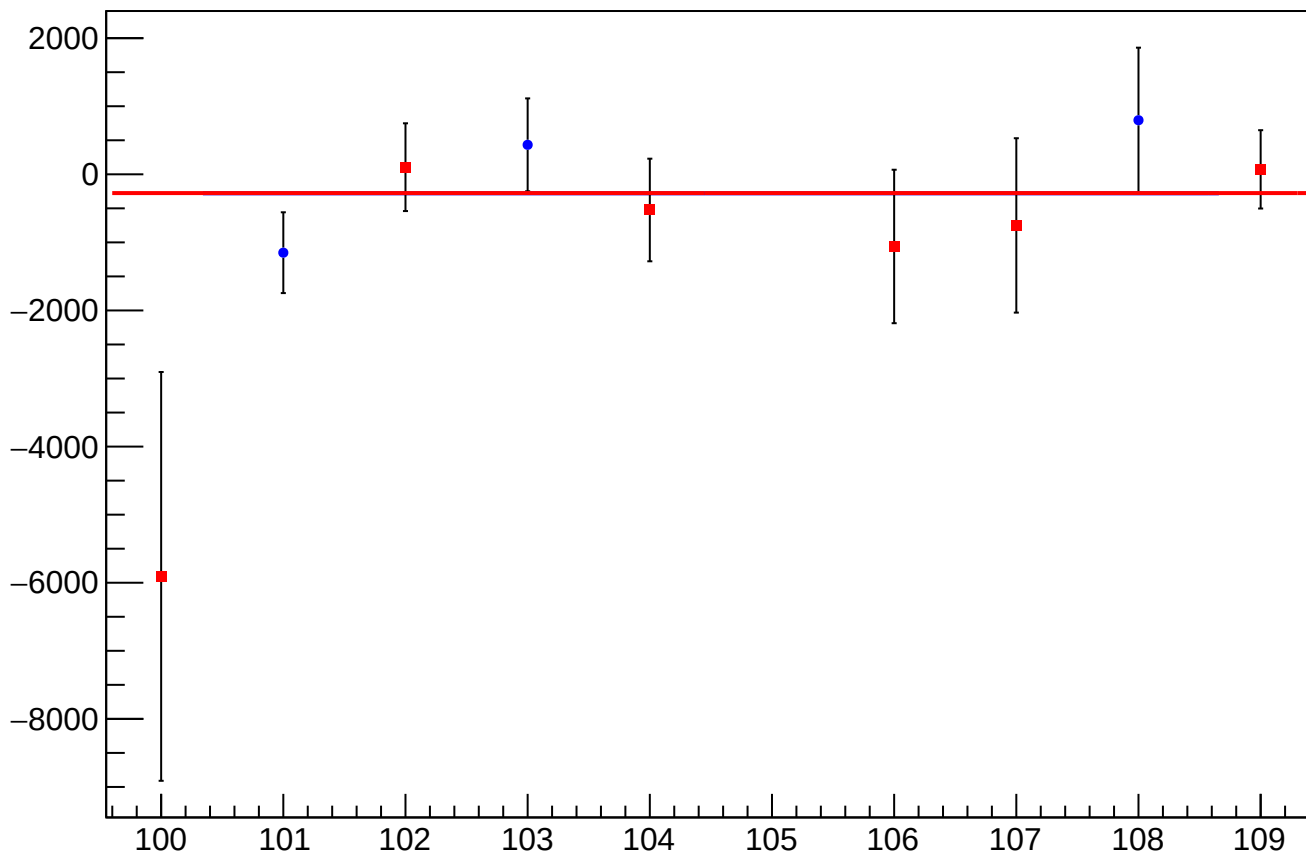
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.186 $\pm$ 0.024 χ^2 /NDF: 710150.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_mean vs Slug



Right In: -279.219+/-412.812 χ^2 /NDF: 4.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -275.788+/-339.127 χ^2 /NDF: 5.0/5

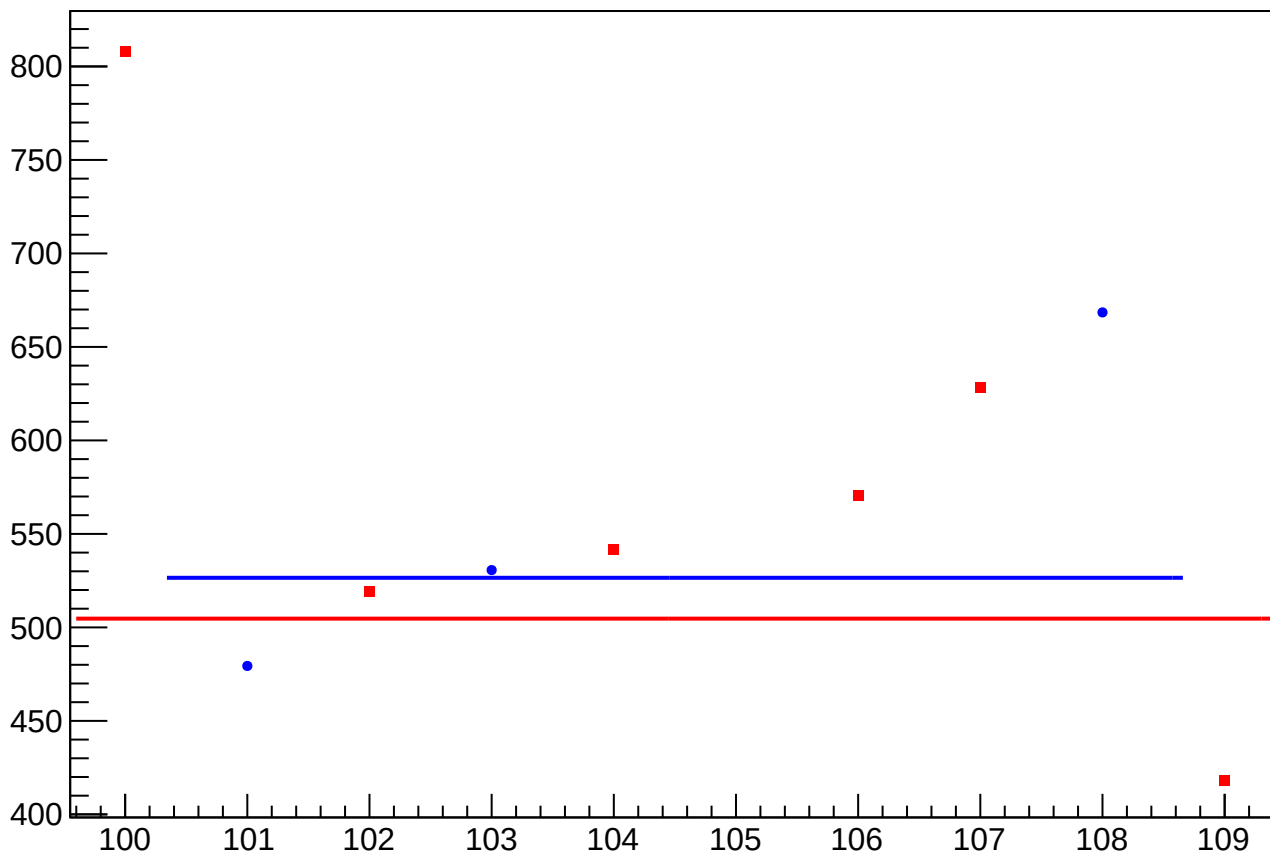
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -277.171+/-262.042 χ^2 /NDF: 9.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 526.533 $\pm$ 0.292 χ^2 /NDF: 48167.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 504.693 $\pm$ 0.240 χ^2 /NDF: 96704.8/5

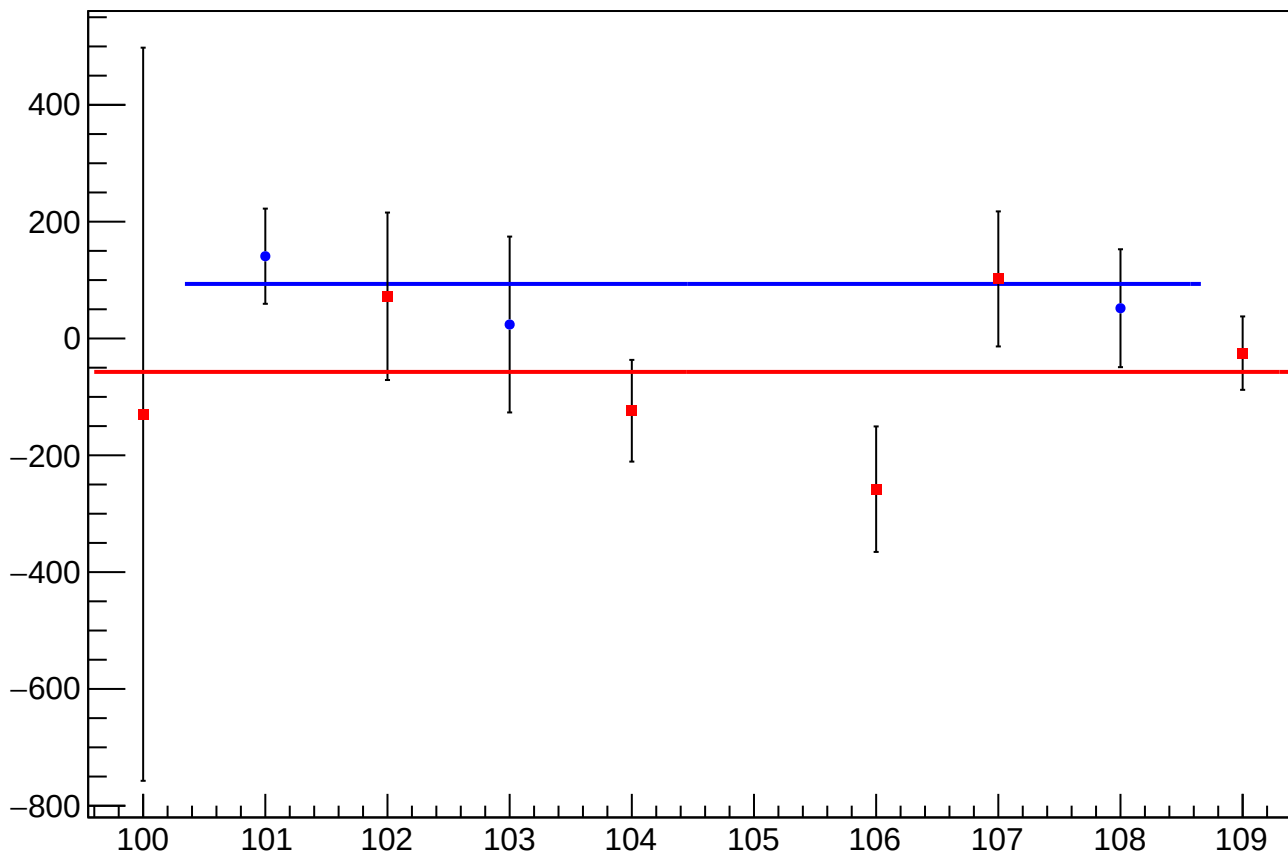
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 513.493 $\pm$ 0.185 χ^2 /NDF: 148214.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_mean vs Slug



Right In: 93.411 $\pm$ 58.427 χ^2 /NDF: 0.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -57.216 $\pm$ 40.901 χ^2 /NDF: 7.1/5

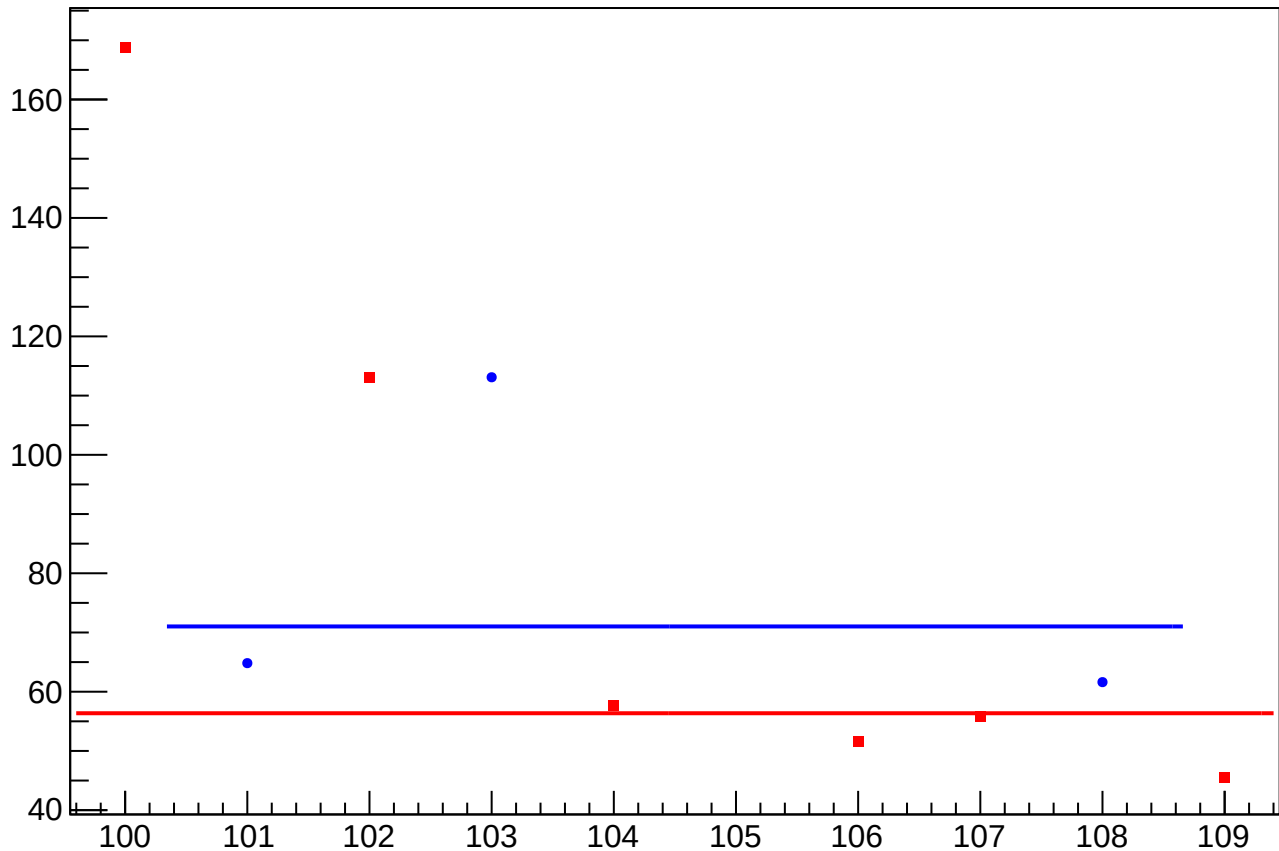
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.677 $\pm$ 33.507 χ^2 /NDF: 12.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 71.021+/-0.041 χ^2/NDF : 185144.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.366+/-0.029 χ^2/NDF : 440563.3/5

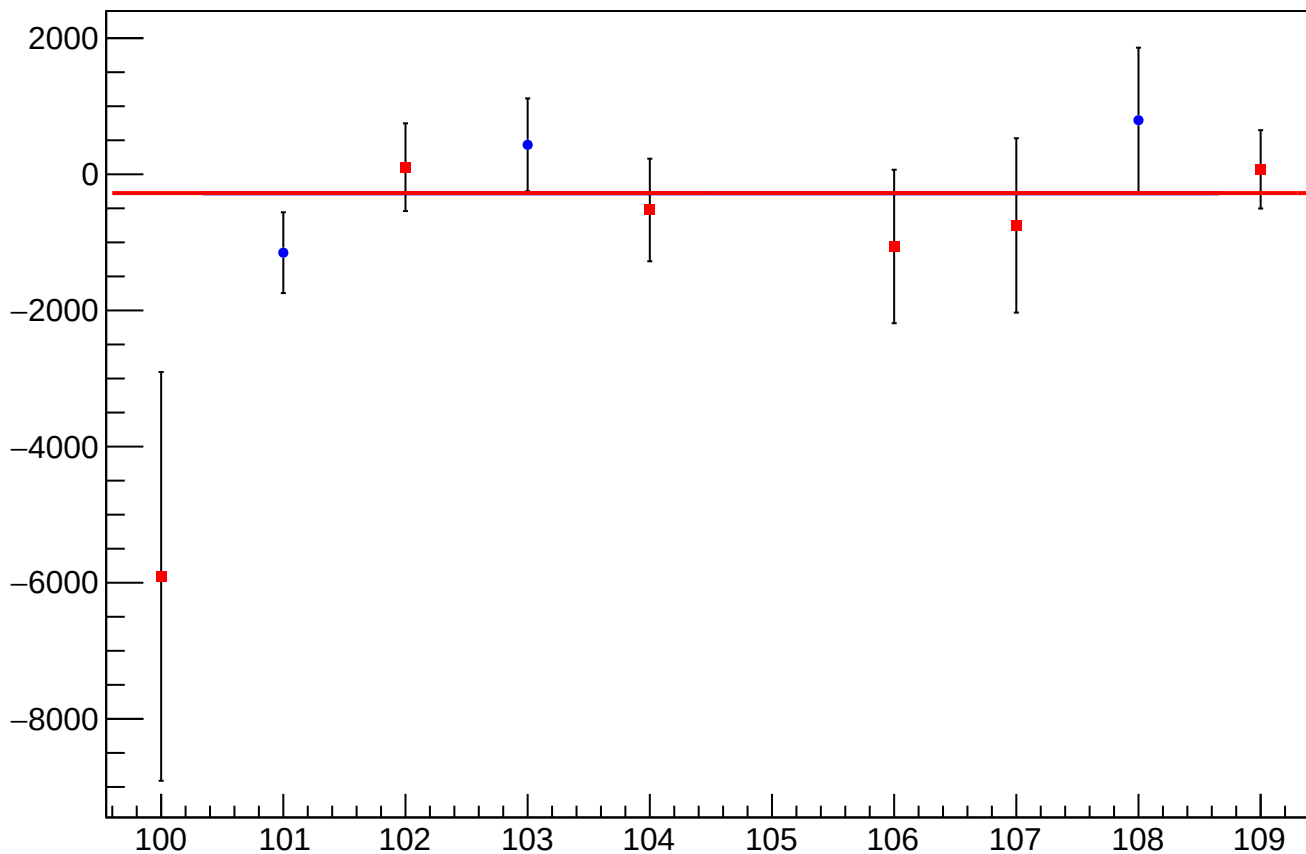
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.186+/-0.024 χ^2/NDF : 710150.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug



Right In: -279.219+/-412.812 χ^2 /NDF: 4.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -275.788+/-339.127 χ^2 /NDF: 5.0/5

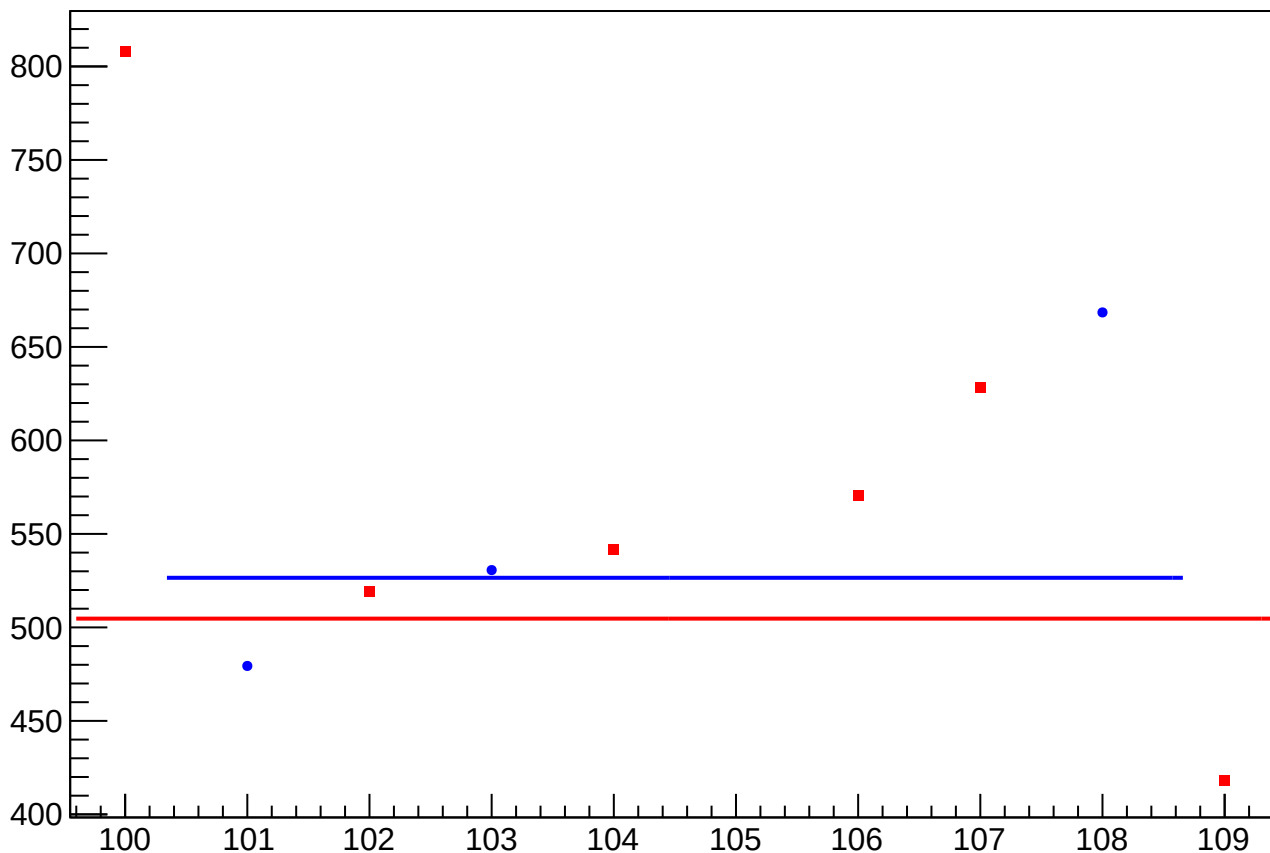
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -277.171+/-262.042 χ^2 /NDF: 9.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug



Right In: 526.533+/-0.292 χ^2/NDF : 48167.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 504.693+/-0.240 χ^2/NDF : 96704.8/5

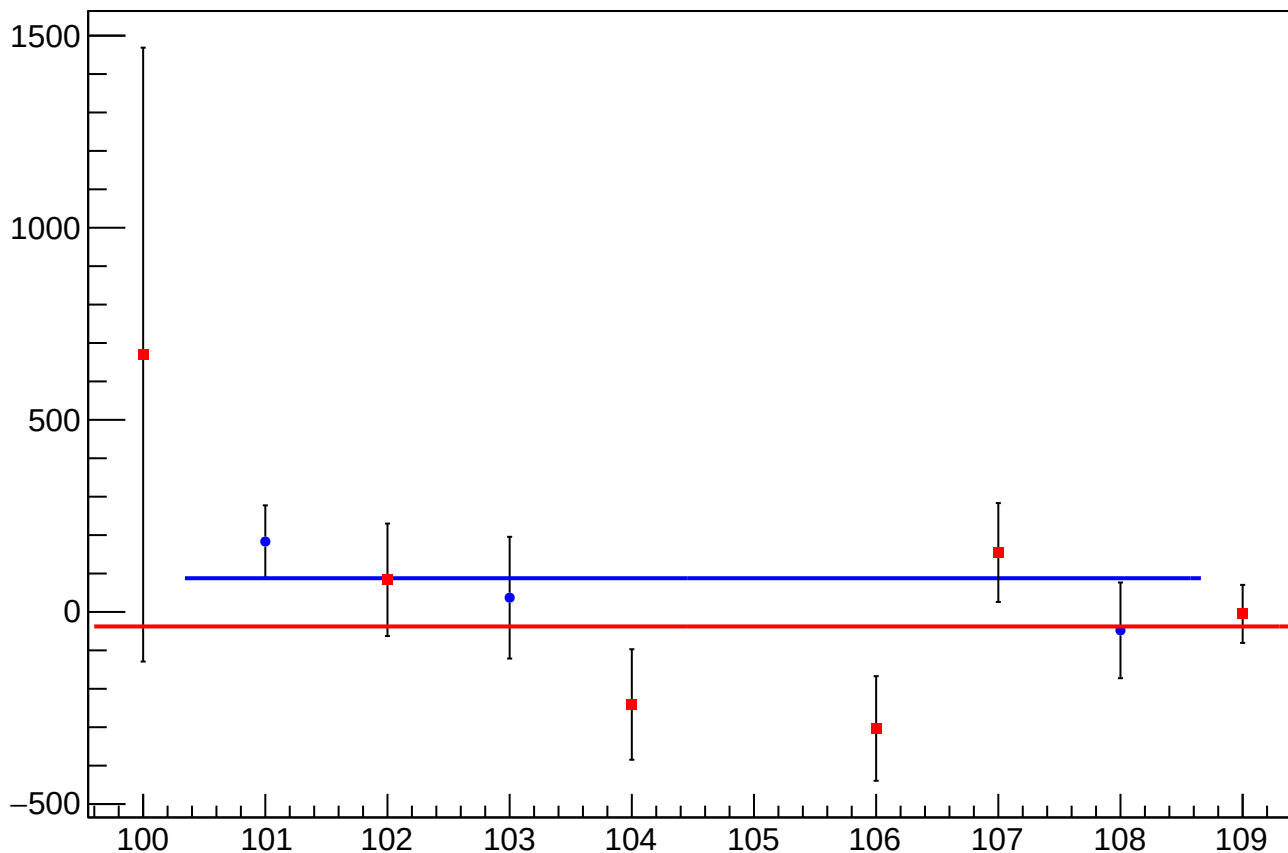
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 513.493+/-0.185 χ^2/NDF : 148214.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: 87.781 $\pm$ 67.883 χ^2 /NDF: 2.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -37.755 $\pm$ 50.874 χ^2 /NDF: 9.7/5

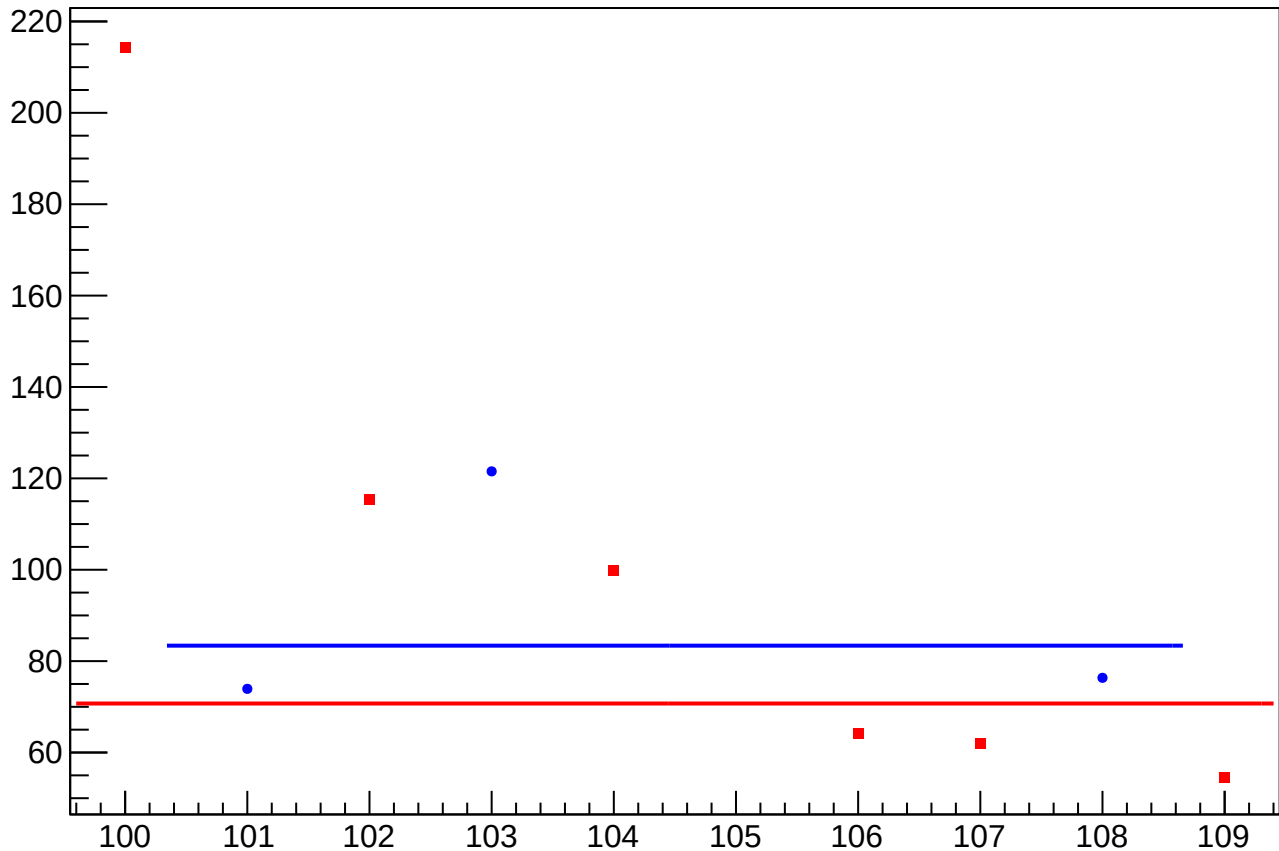
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.395 $\pm$ 40.710 χ^2 /NDF: 14.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



Right In: 83.388 $\pm$ 0.048 χ^2 /NDF: 142448.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 70.725 $\pm$ 0.036 χ^2 /NDF: 439809.6/5

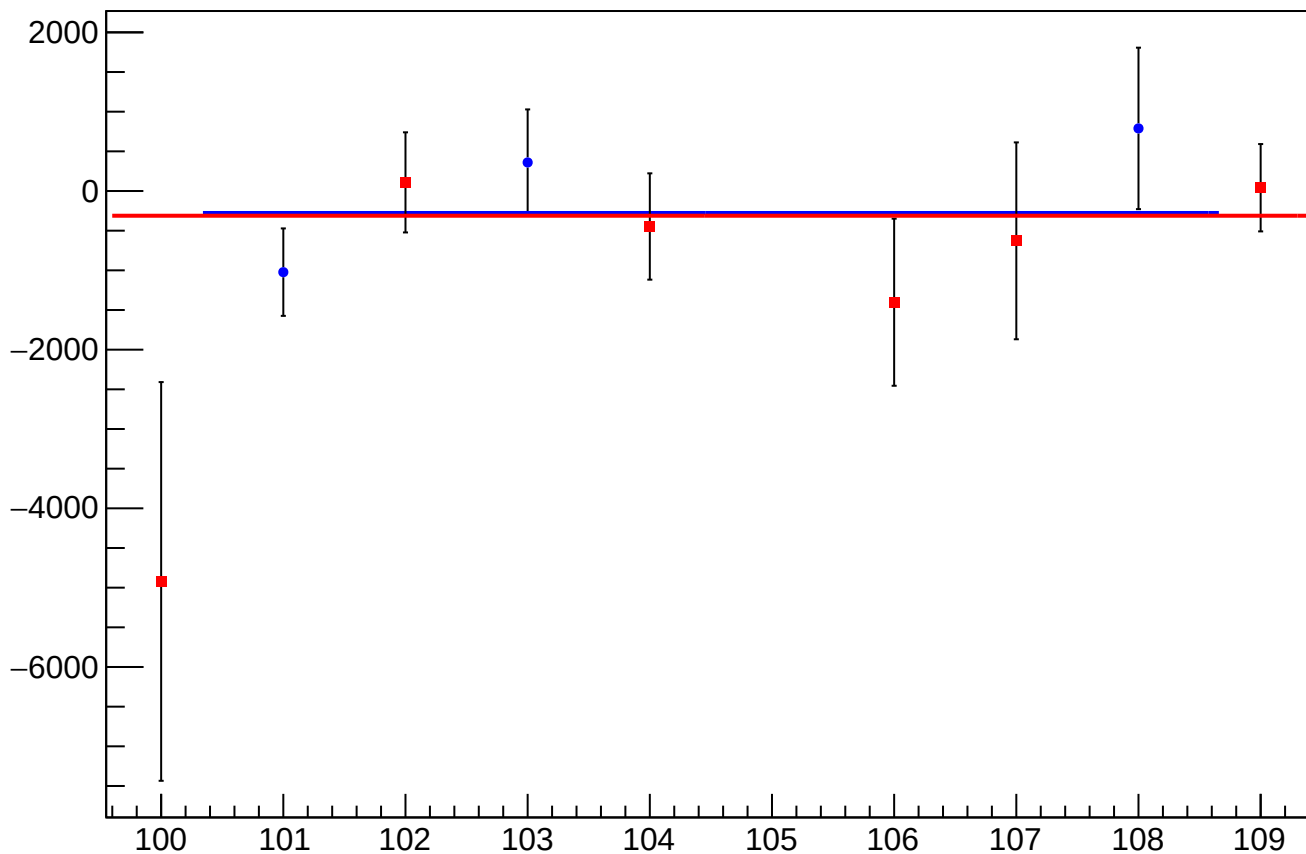
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.279 $\pm$ 0.029 χ^2 /NDF: 626828.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_correction_mean vs Slug



Right In: -276.973+/-392.397 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.635+/-320.302 χ^2/NDF : 5.4/5

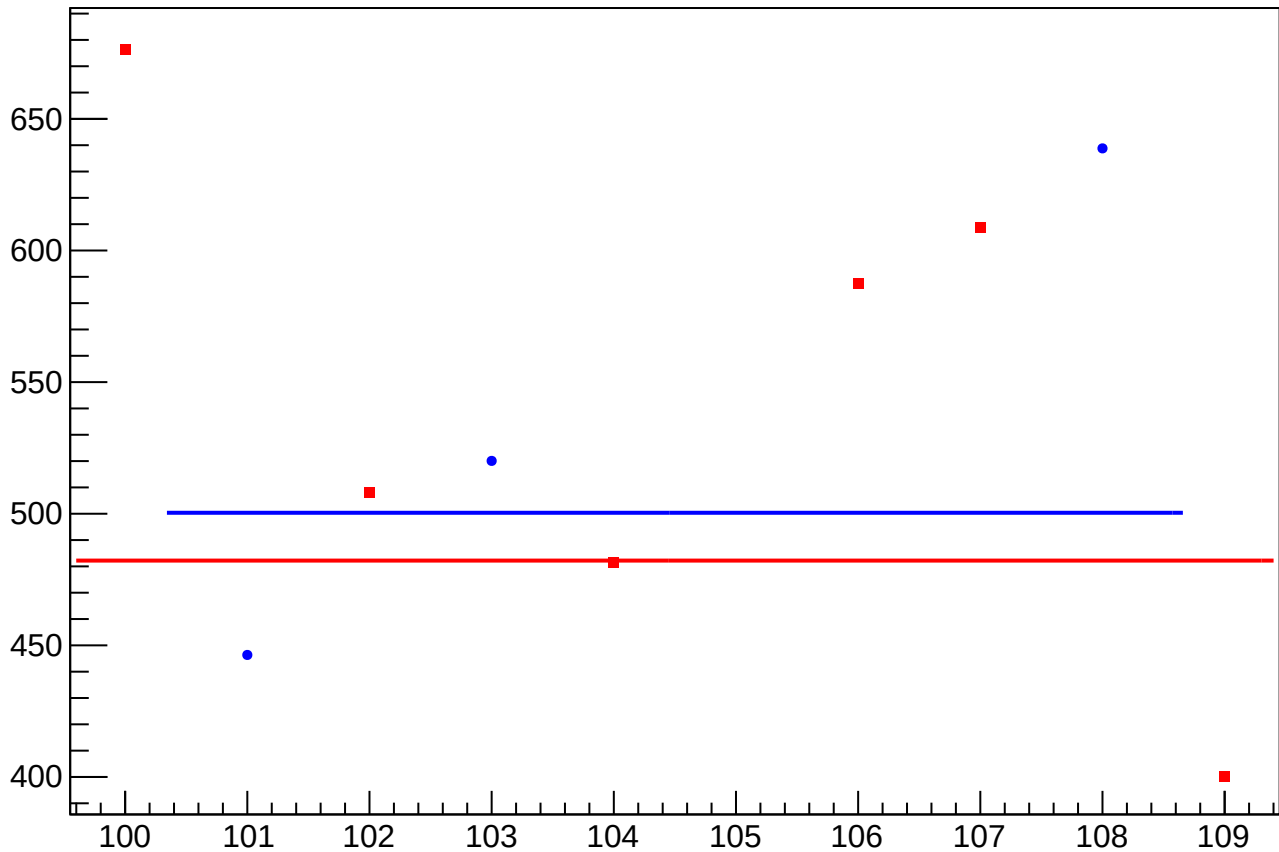
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -297.775+/-248.132 χ^2/NDF : 9.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 500.366+/-0.277 χ^2/NDF : 57948.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 482.204+/-0.226 χ^2/NDF : 100593.2/5

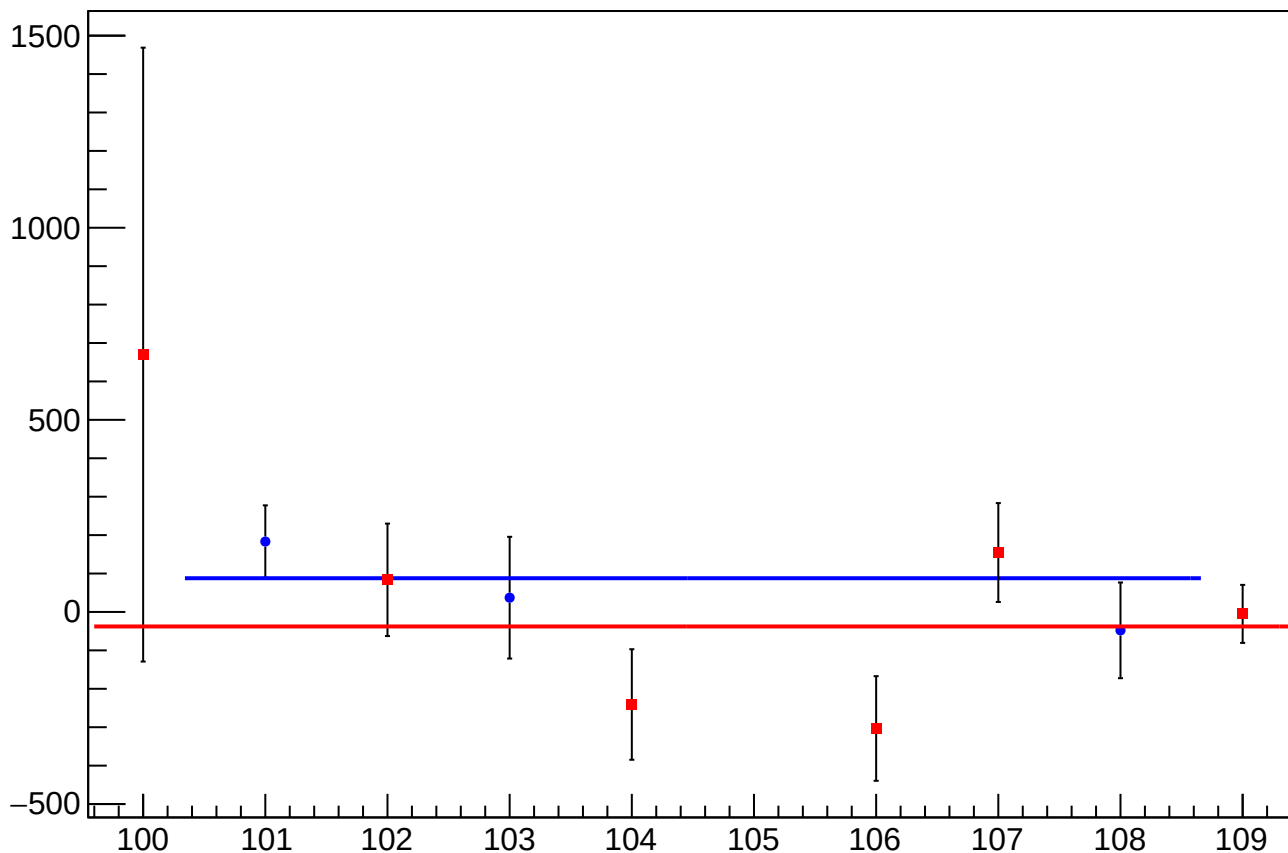
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 489.467+/-0.175 χ^2/NDF : 161113.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: 87.783+/-67.884 χ^2/NDF : 2.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.754+/-50.875 χ^2/NDF : 9.7/5

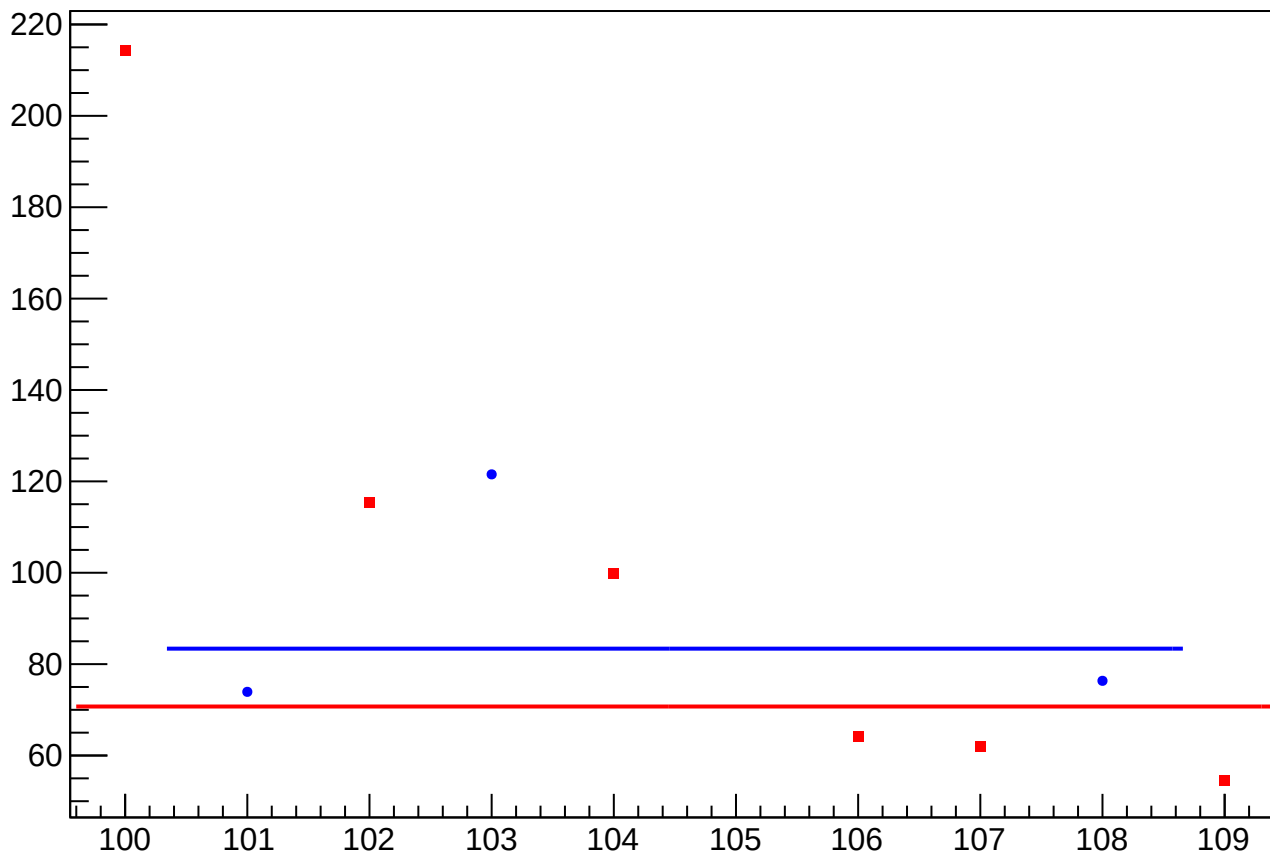
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.396+/-40.711 χ^2/NDF : 14.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 83.389+/-0.048 χ^2/NDF : 142447.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.725+/-0.036 χ^2/NDF : 439813.7/5

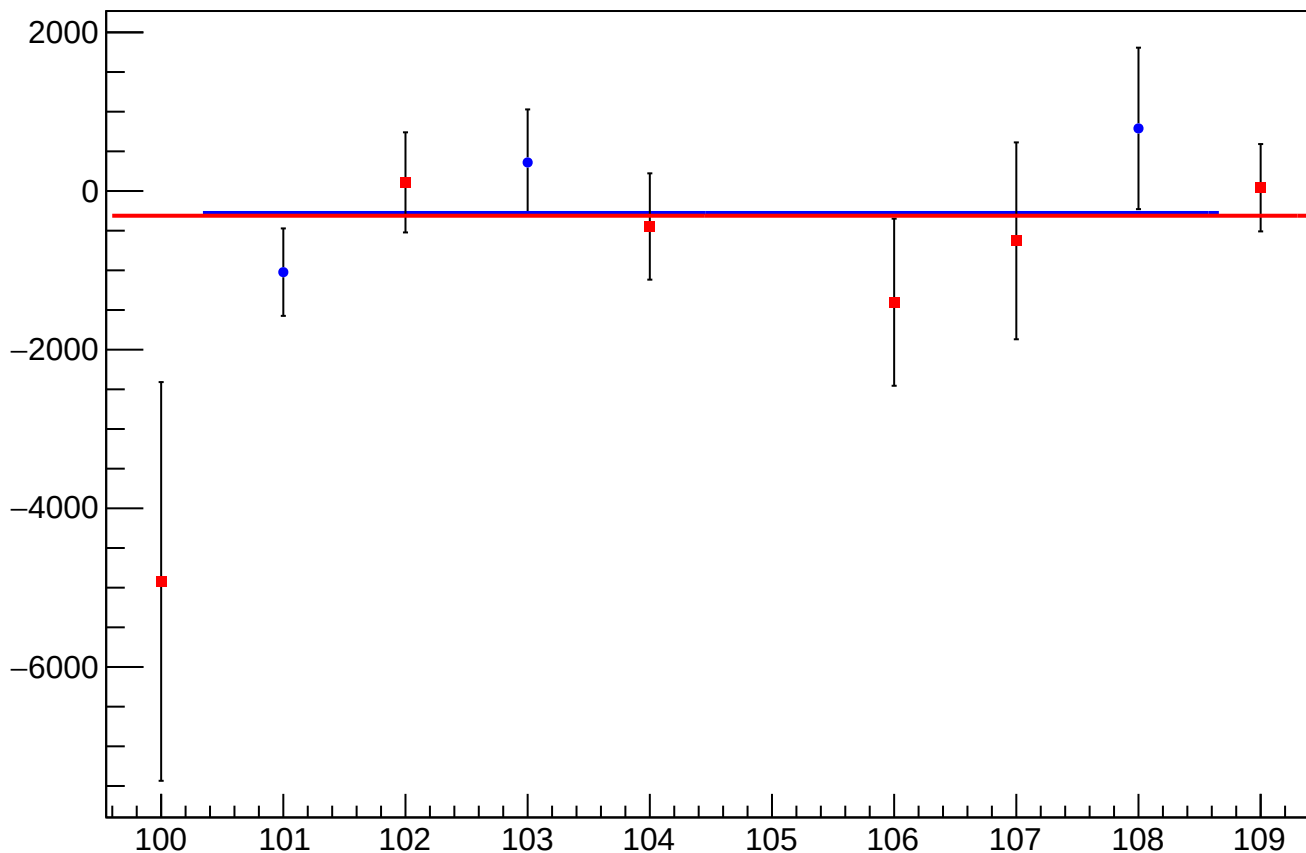
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.279+/-0.029 χ^2/NDF : 626832.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: -276.972 $\pm$ 392.395 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -311.635 $\pm$ 320.302 χ^2 /NDF: 5.4/5

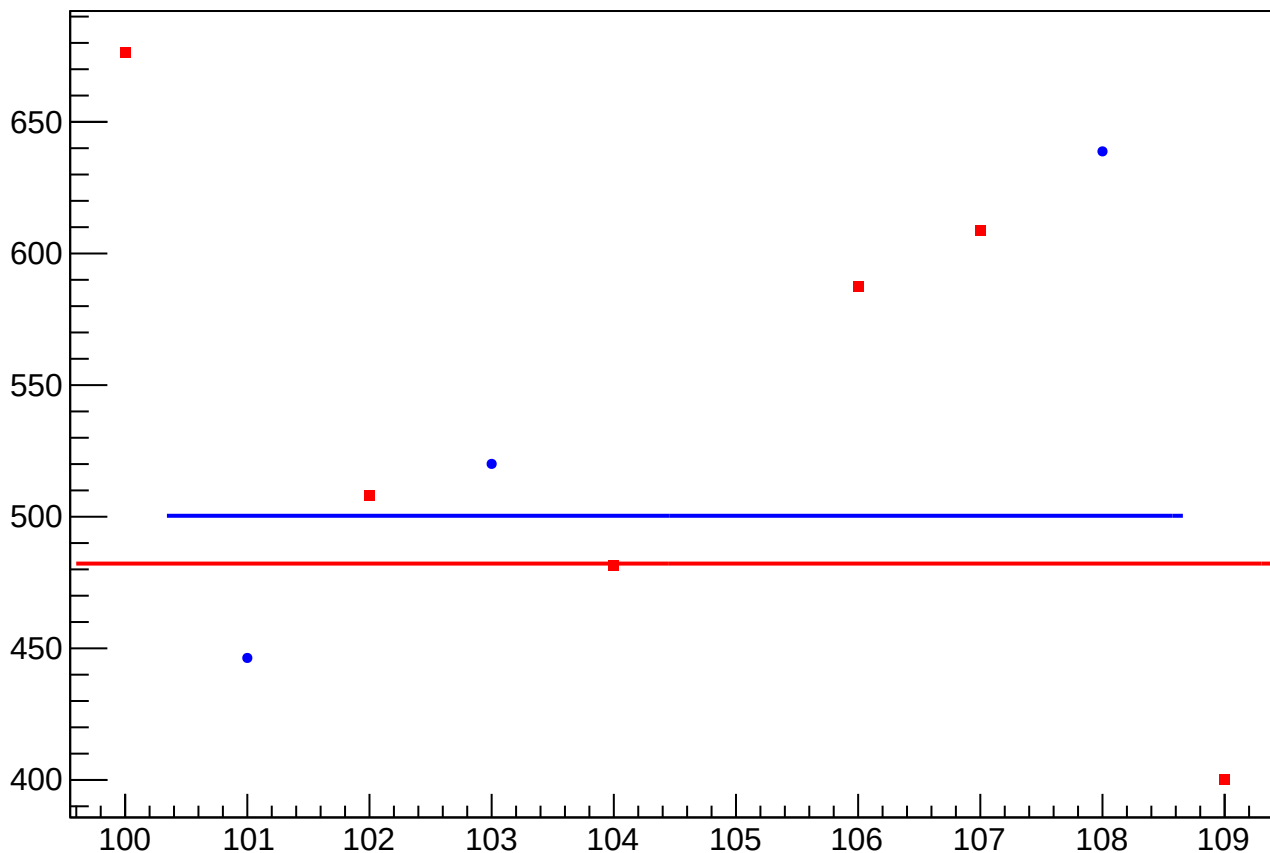
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -297.774 $\pm$ 248.132 χ^2 /NDF: 9.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug



Right In: 500.364 $\pm$ 0.277 χ^2 /NDF: 57949.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.203 $\pm$ 0.226 χ^2 /NDF: 100593.0/5

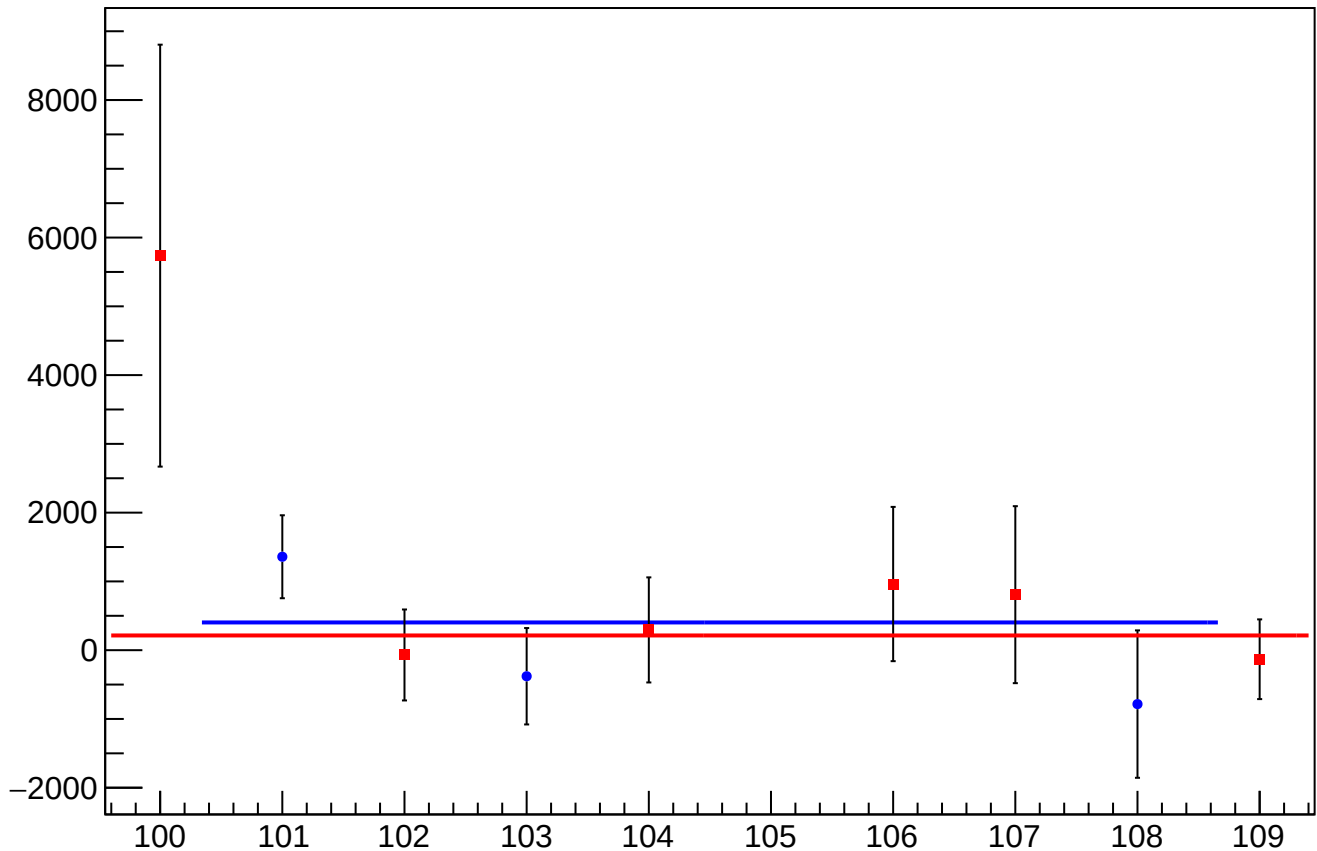
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 489.465 $\pm$ 0.175 χ^2 /NDF: 161113.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_mean vs Slug



Right In: 403.304+/-420.540 χ^2/NDF : 5.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.067+/-343.387 χ^2/NDF : 4.4/5

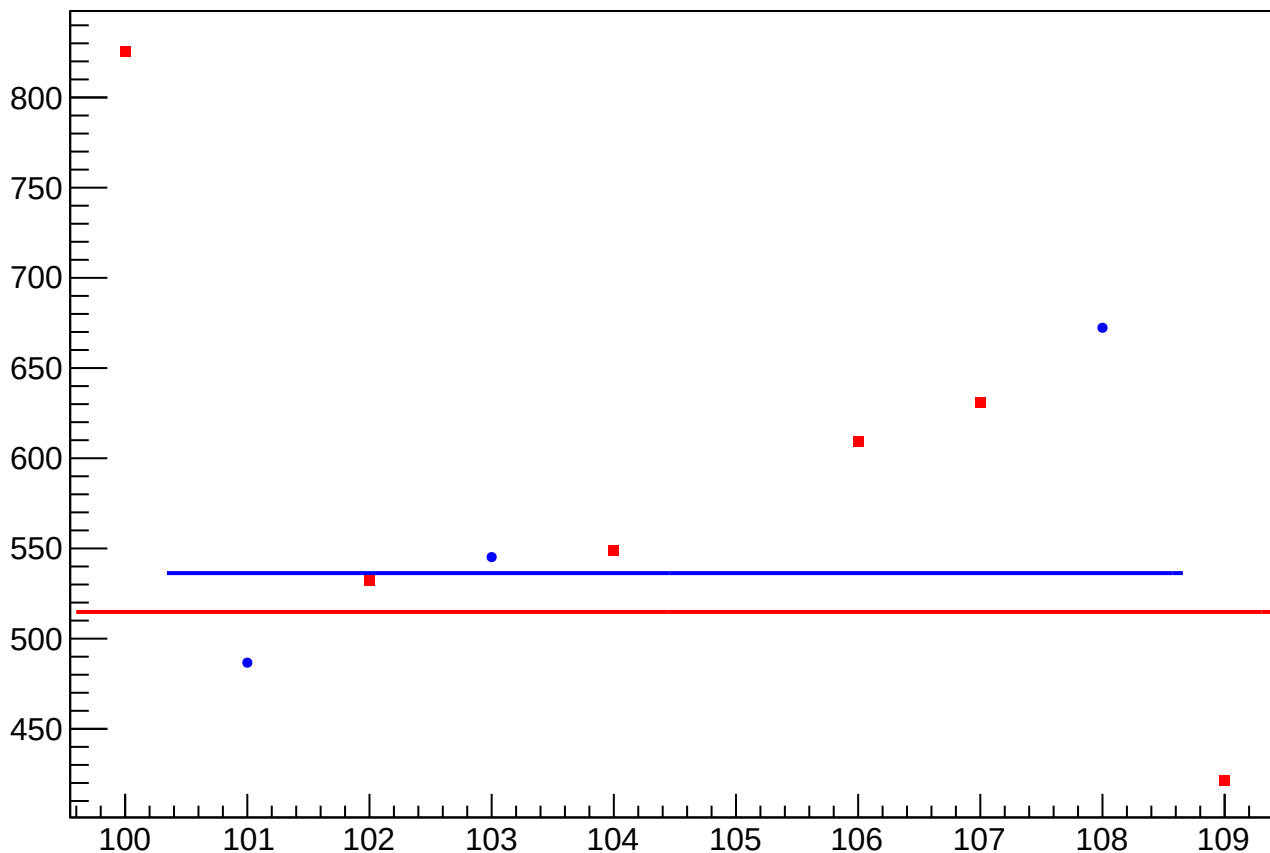
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.766+/-265.981 χ^2/NDF : 9.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 536.327 $\pm$ 0.297 χ^2 /NDF: 46074.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 514.796 $\pm$ 0.243 χ^2 /NDF: 108136.8/5

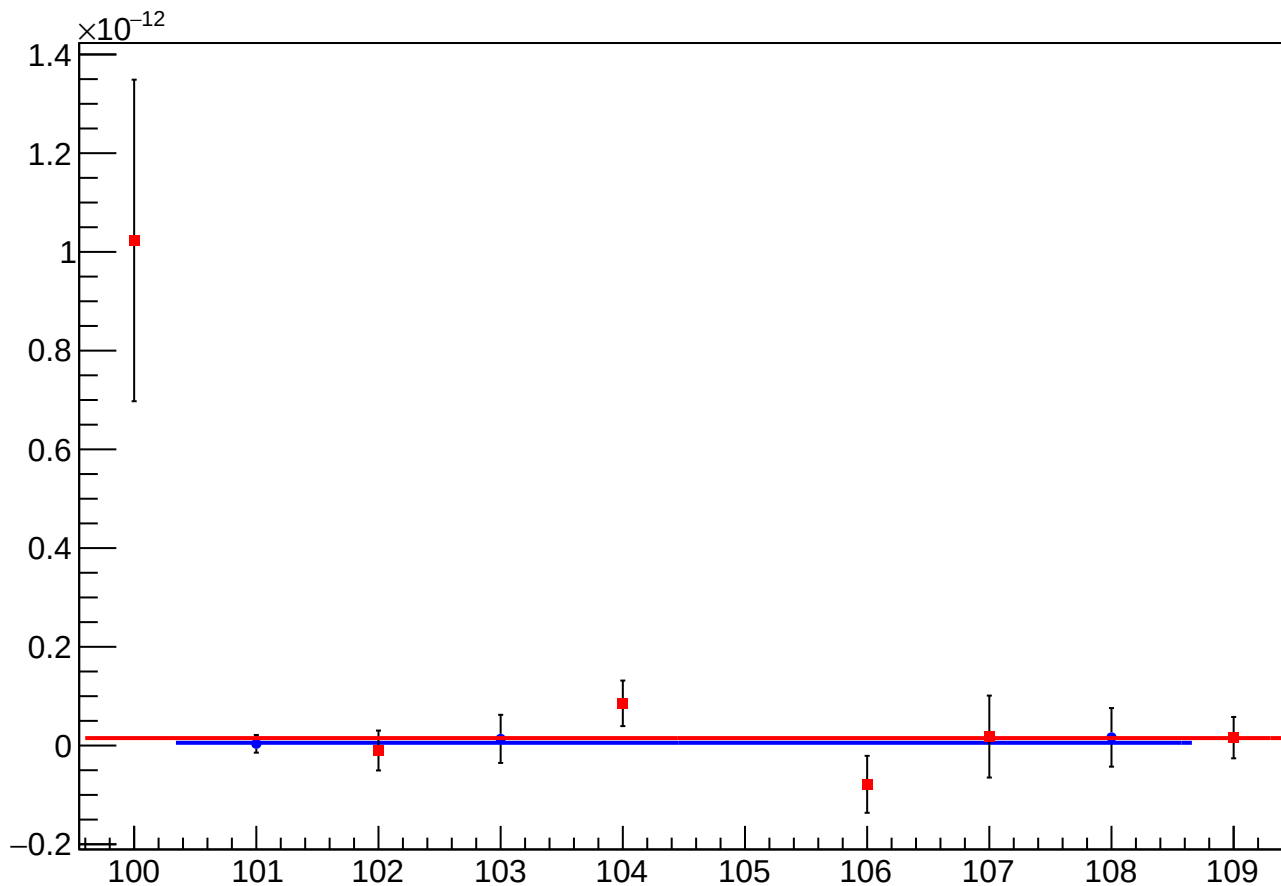
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 523.409 $\pm$ 0.188 χ^2 /NDF: 157357.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/5

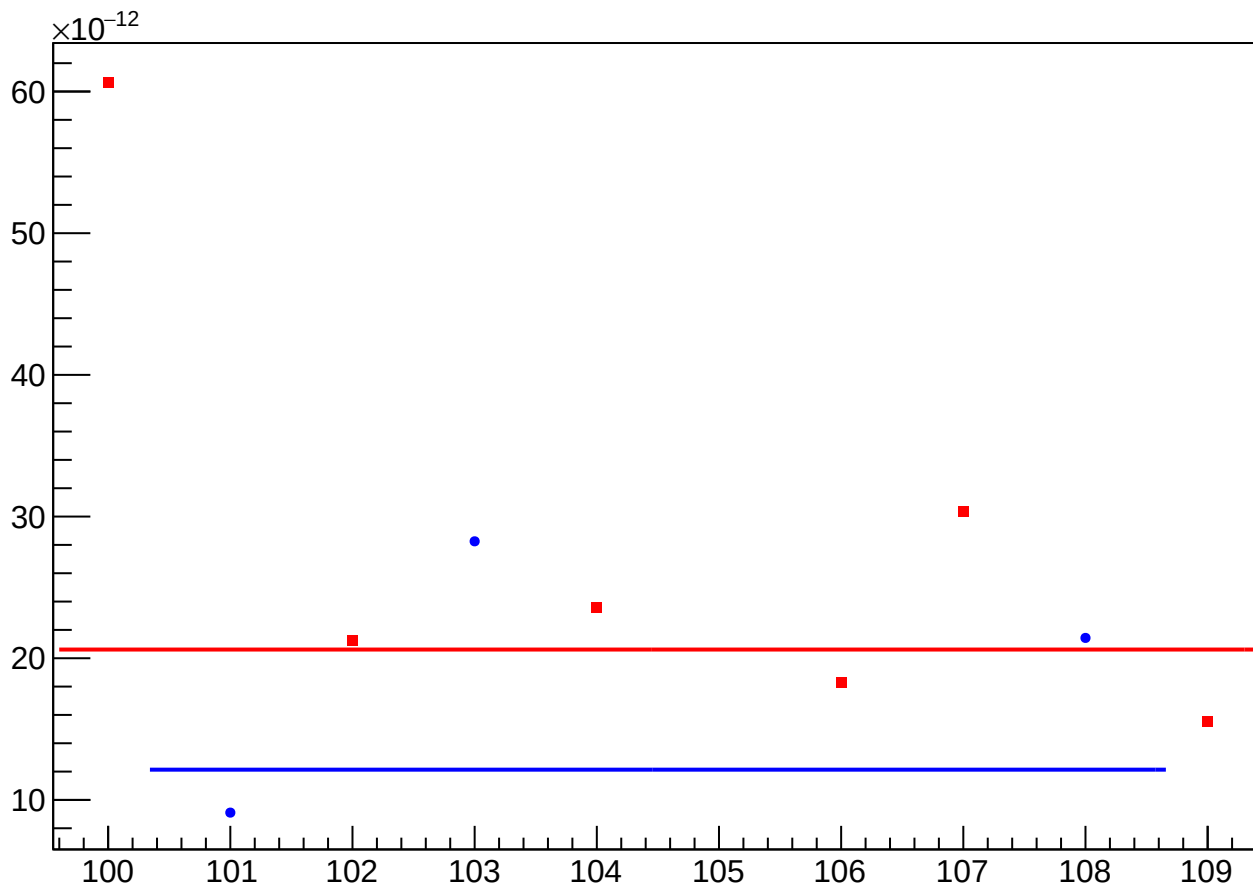
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 325166.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 99424.2/5

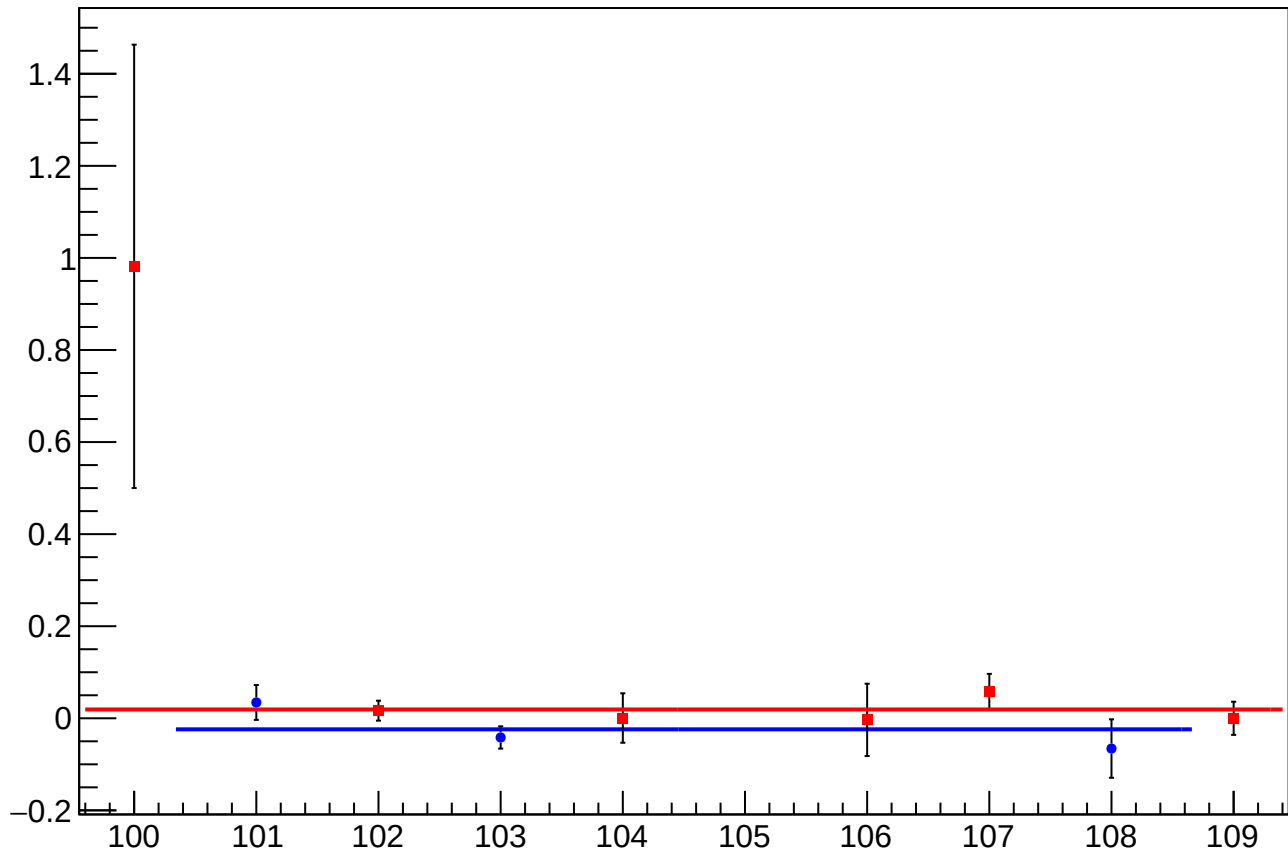
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 619799.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.016 χ^2 /NDF: 5.5/5

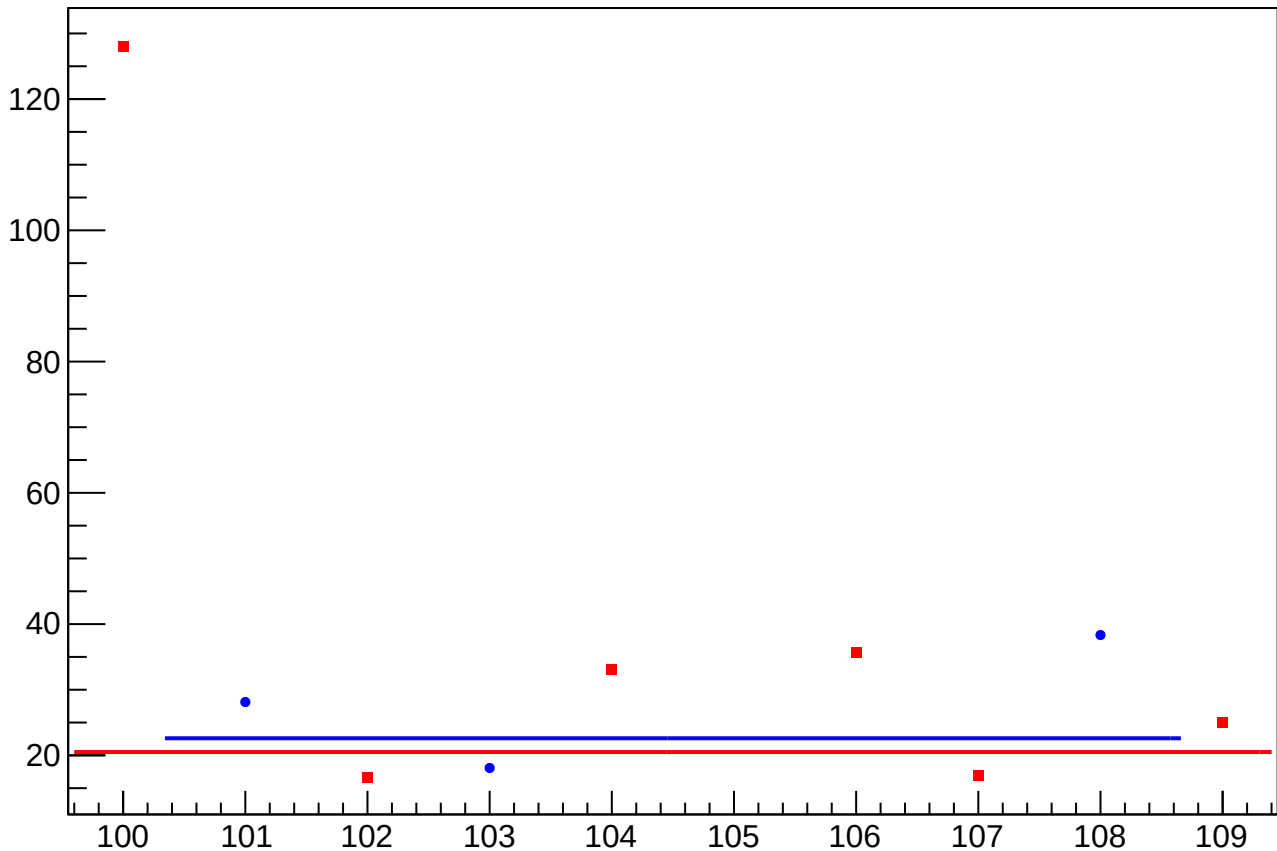
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.012 χ^2 /NDF: 11.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235288.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.505 $\pm$ 0.011 χ^2 /NDF: 398548.7/5

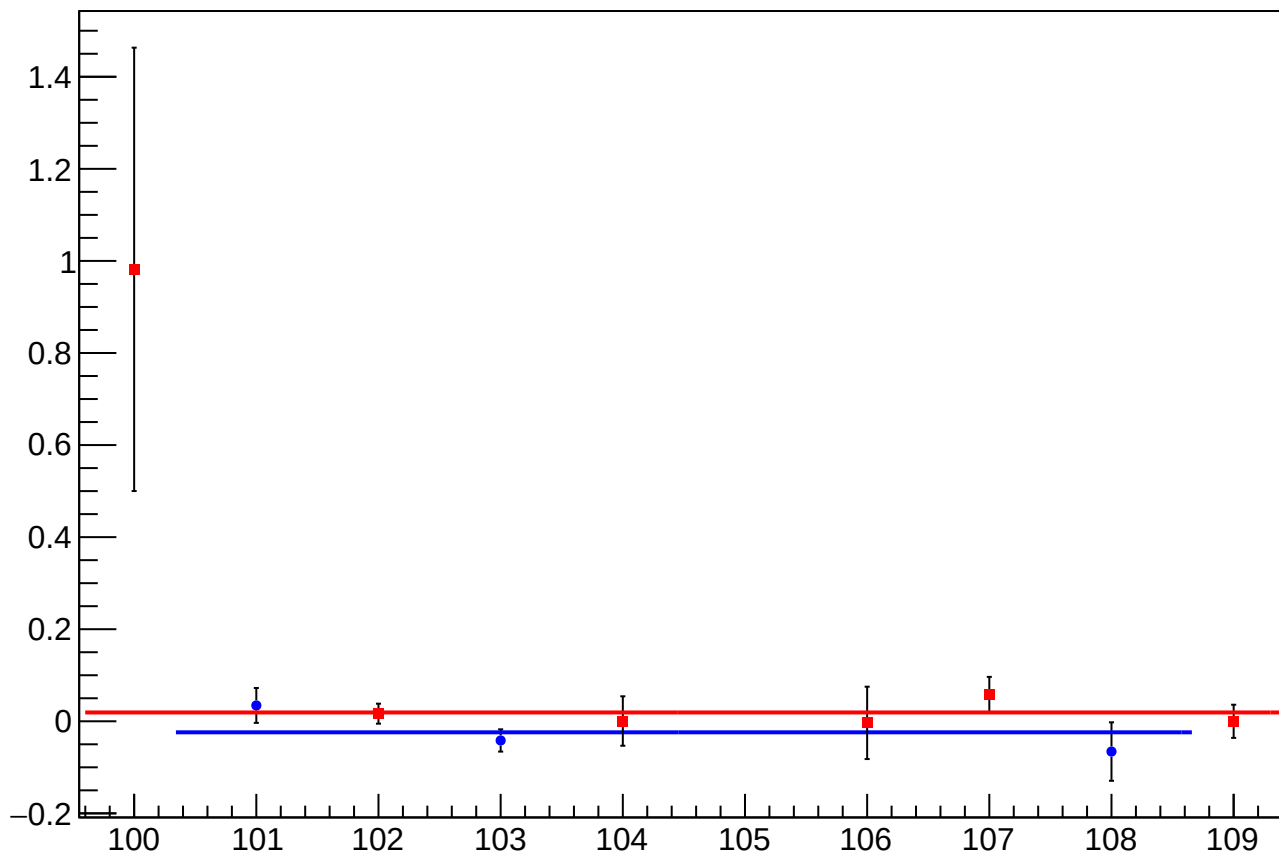
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.332 $\pm$ 0.009 χ^2 /NDF: 647997.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.016 χ^2 /NDF: 5.5/5

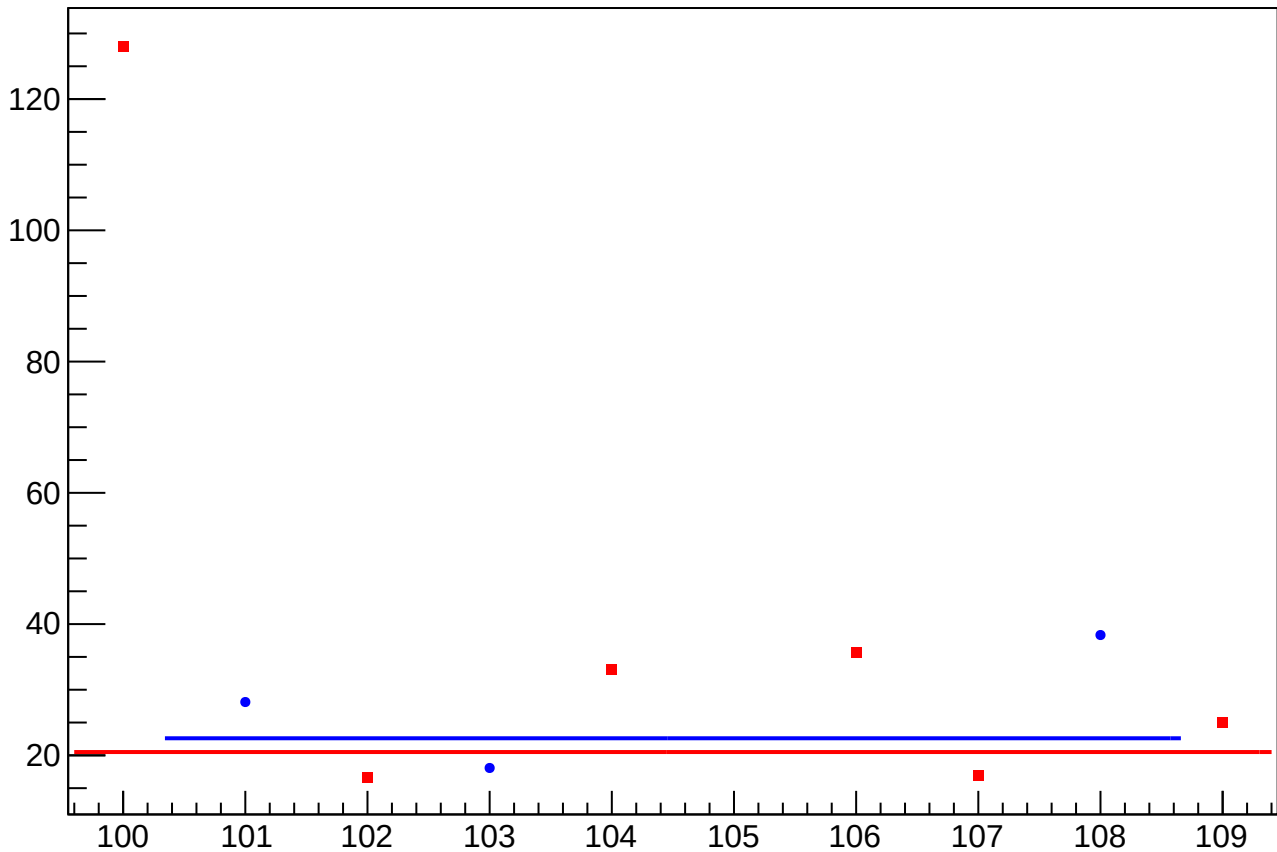
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.012 χ^2 /NDF: 11.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235288.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.505 $\pm$ 0.011 χ^2 /NDF: 398548.7/5

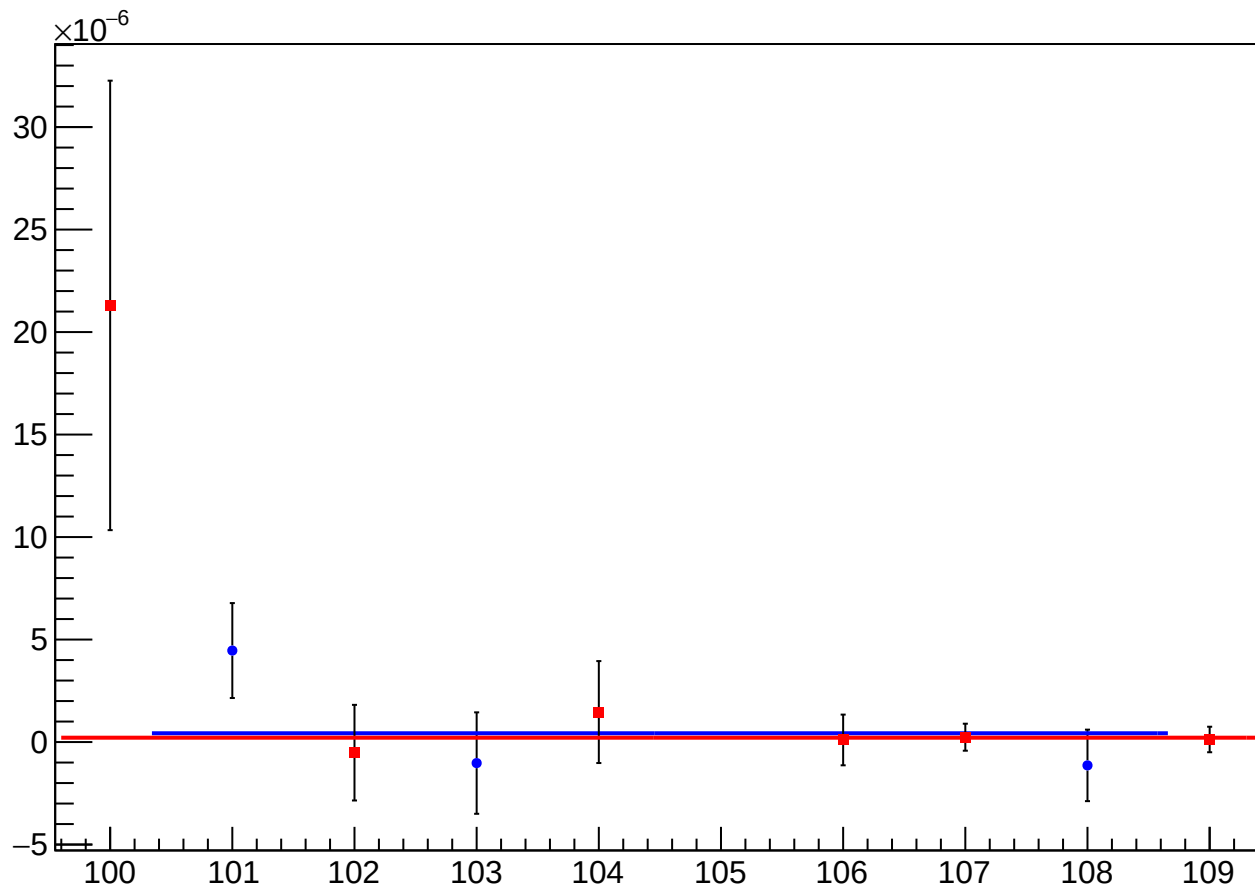
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.332 $\pm$ 0.009 χ^2 /NDF: 647997.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/5

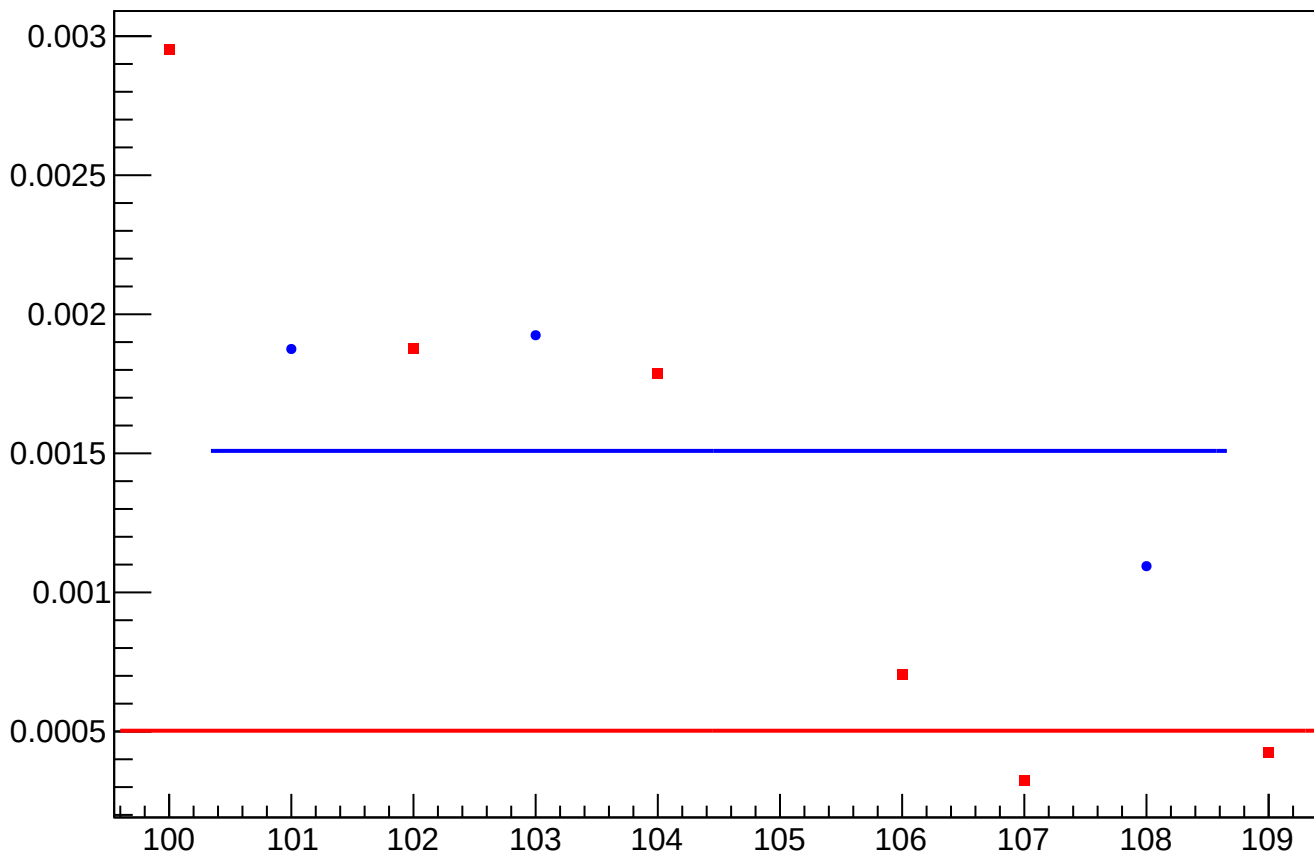
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 219503.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 1561083.3/5

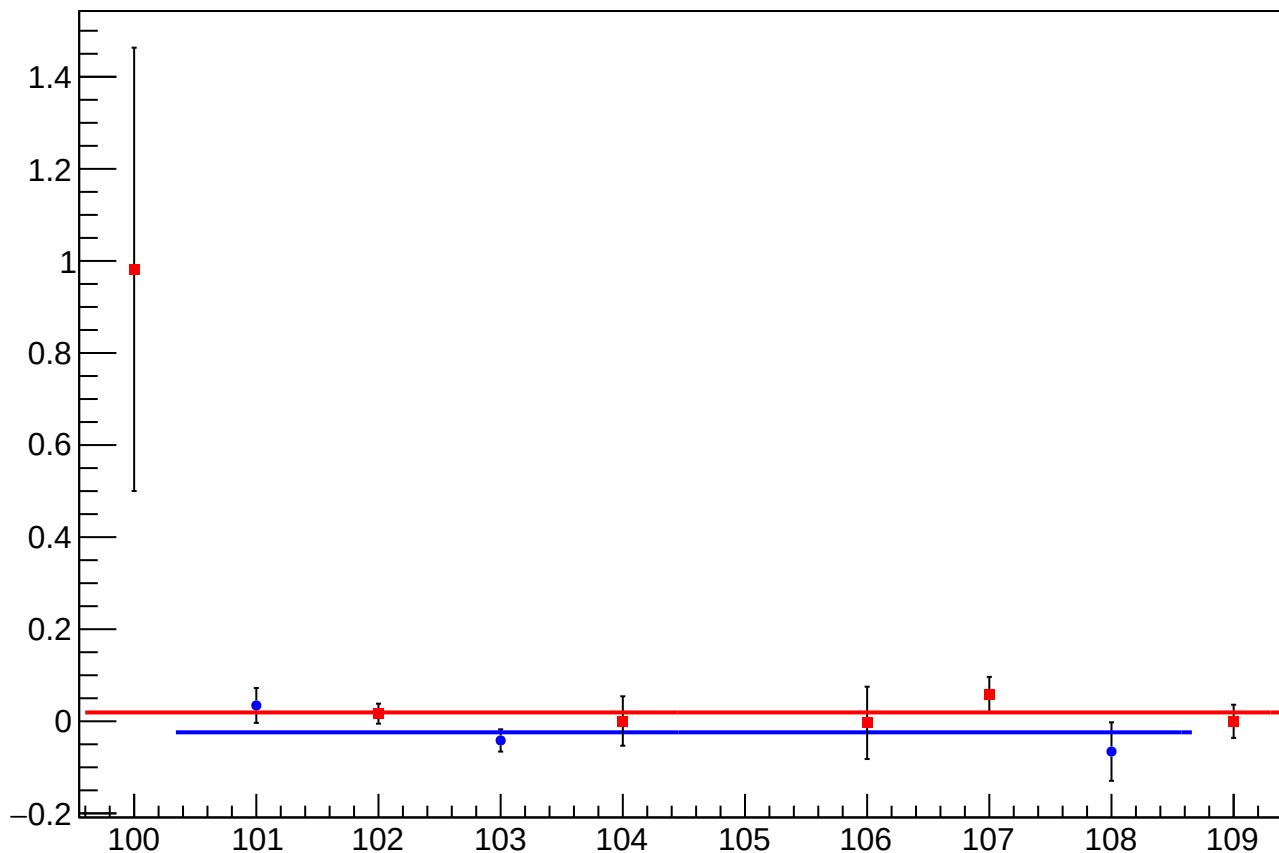
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 3012636.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.016 χ^2 /NDF: 5.5/5

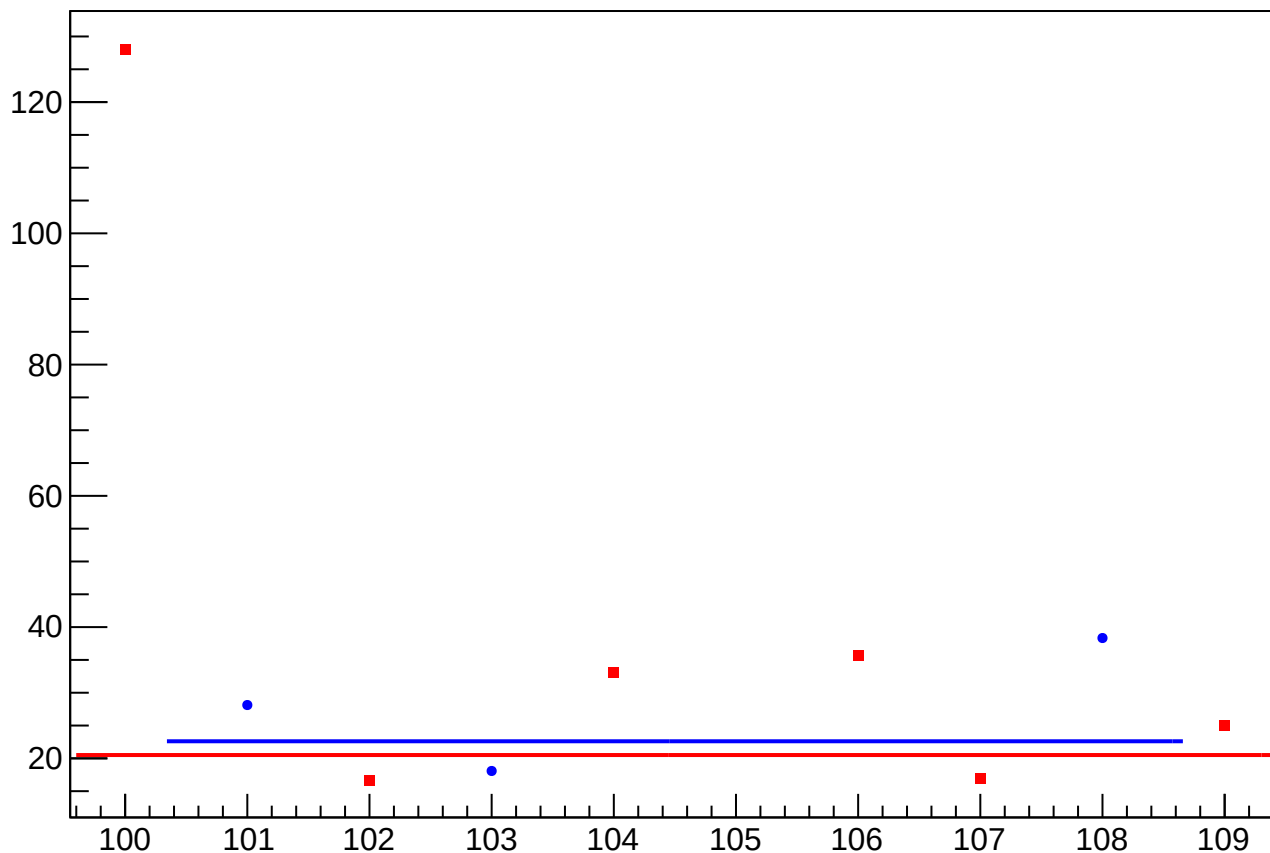
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.012 χ^2 /NDF: 11.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235291.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.506 $\pm$ 0.011 χ^2 /NDF: 398552.5/5

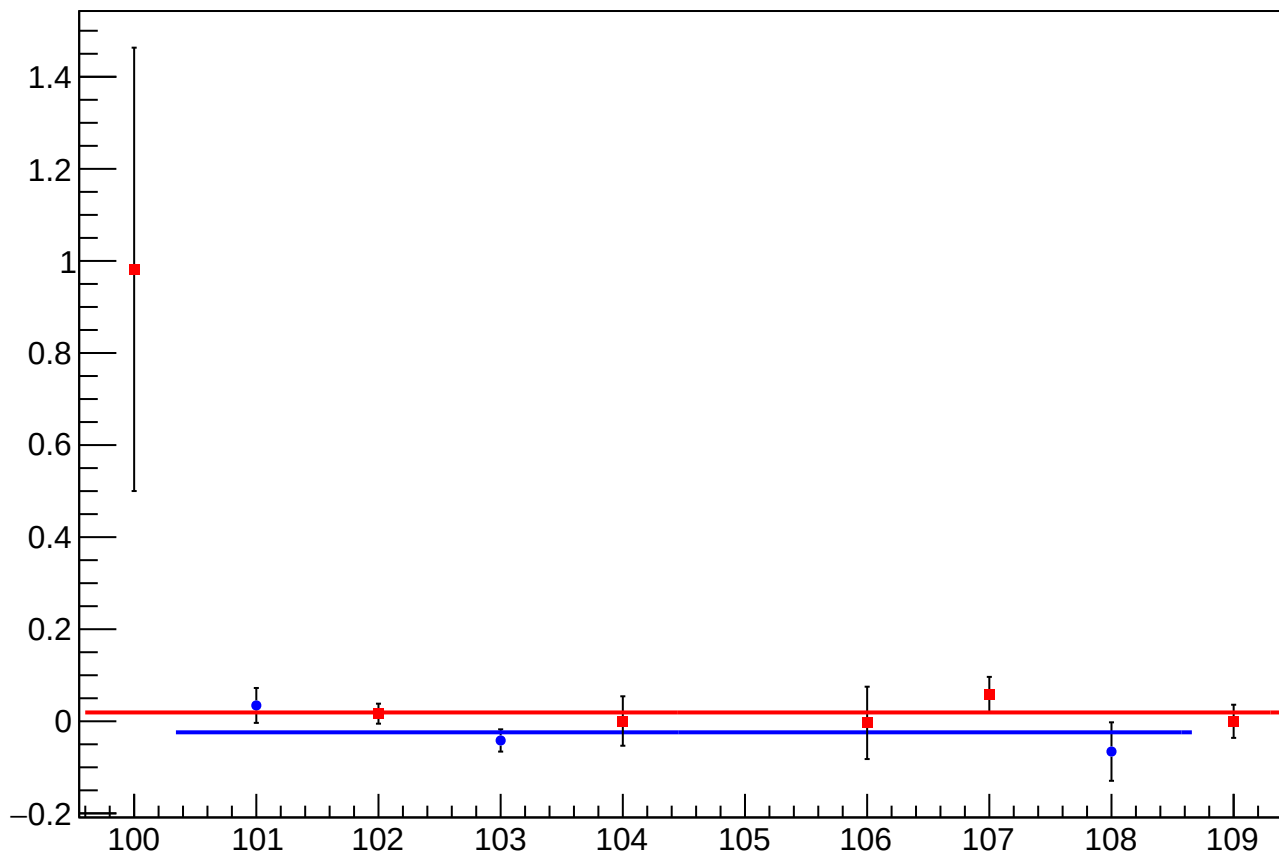
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.332 $\pm$ 0.009 χ^2 /NDF: 648004.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.024 $\pm$ 0.019 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.019 $\pm$ 0.016 χ^2 /NDF: 5.5/5

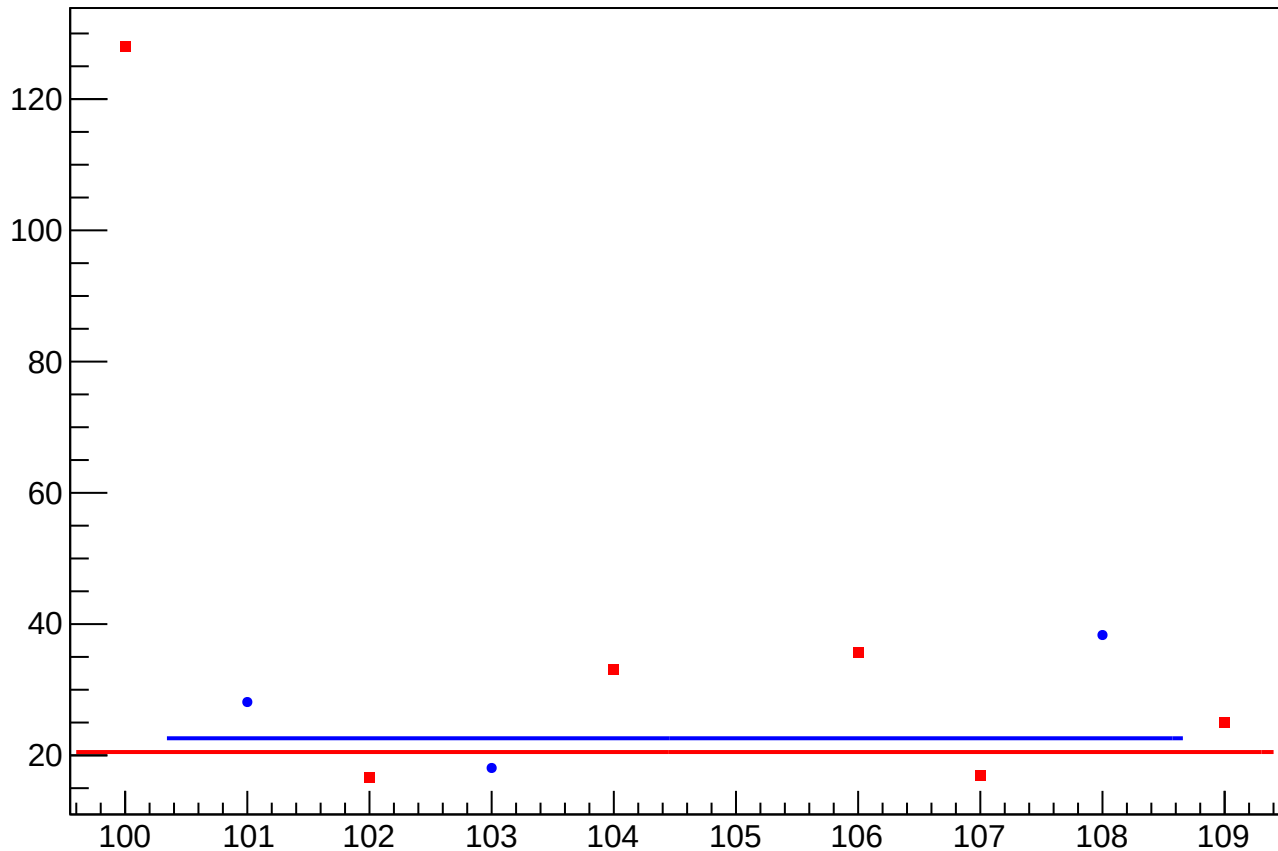
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.012 χ^2 /NDF: 11.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 22.603 $\pm$ 0.014 χ^2 /NDF: 235291.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.506 $\pm$ 0.011 χ^2 /NDF: 398552.5/5

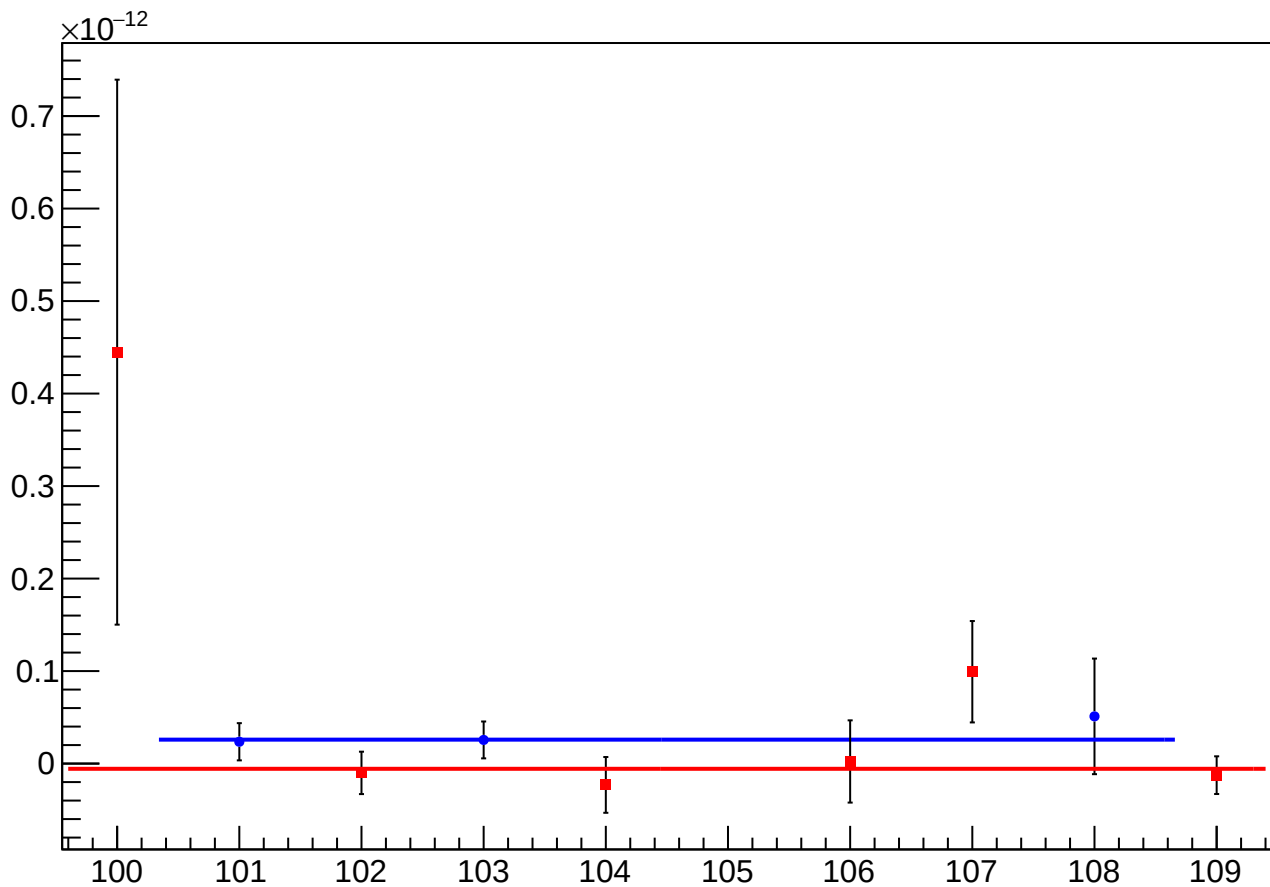
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.332 $\pm$ 0.009 χ^2 /NDF: 648004.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 6.5/5

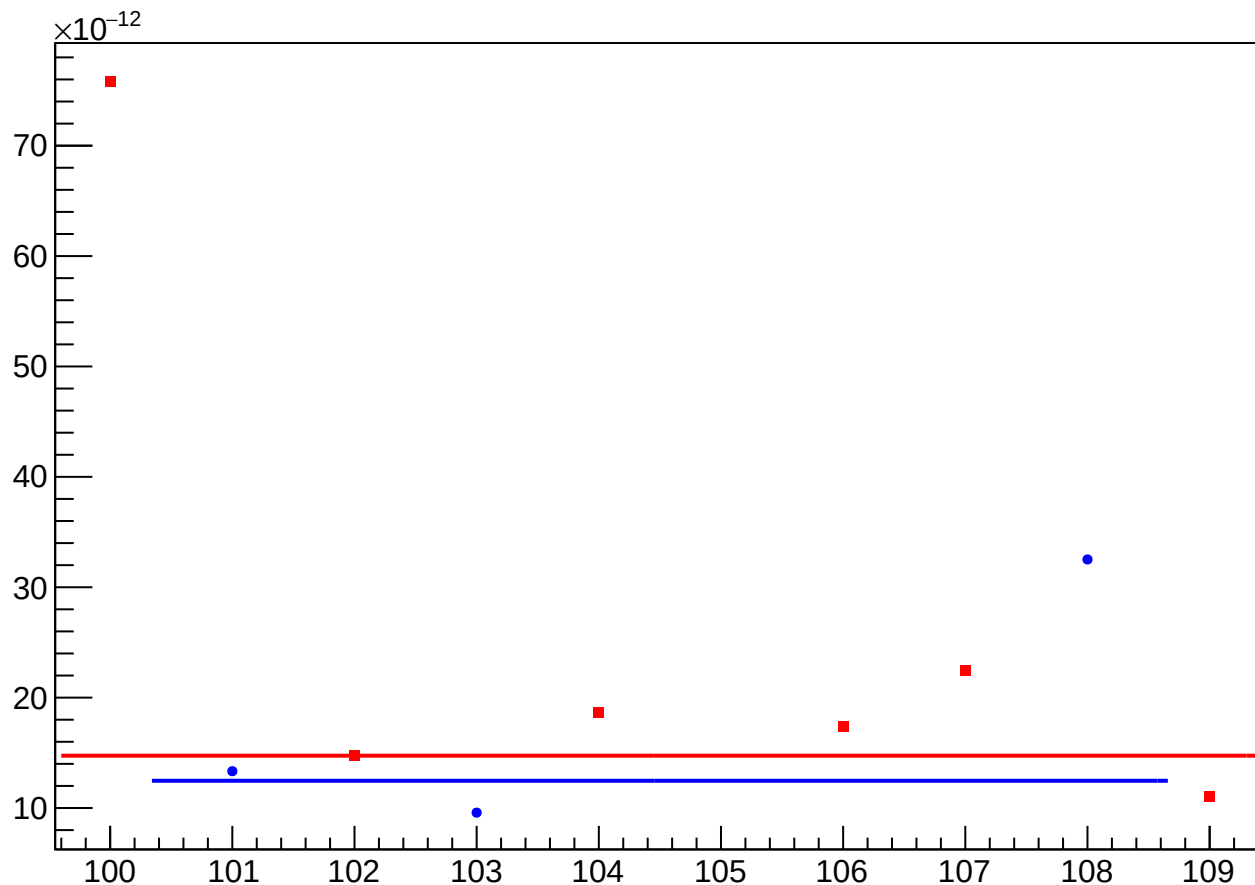
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 251572.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 230535.2/5

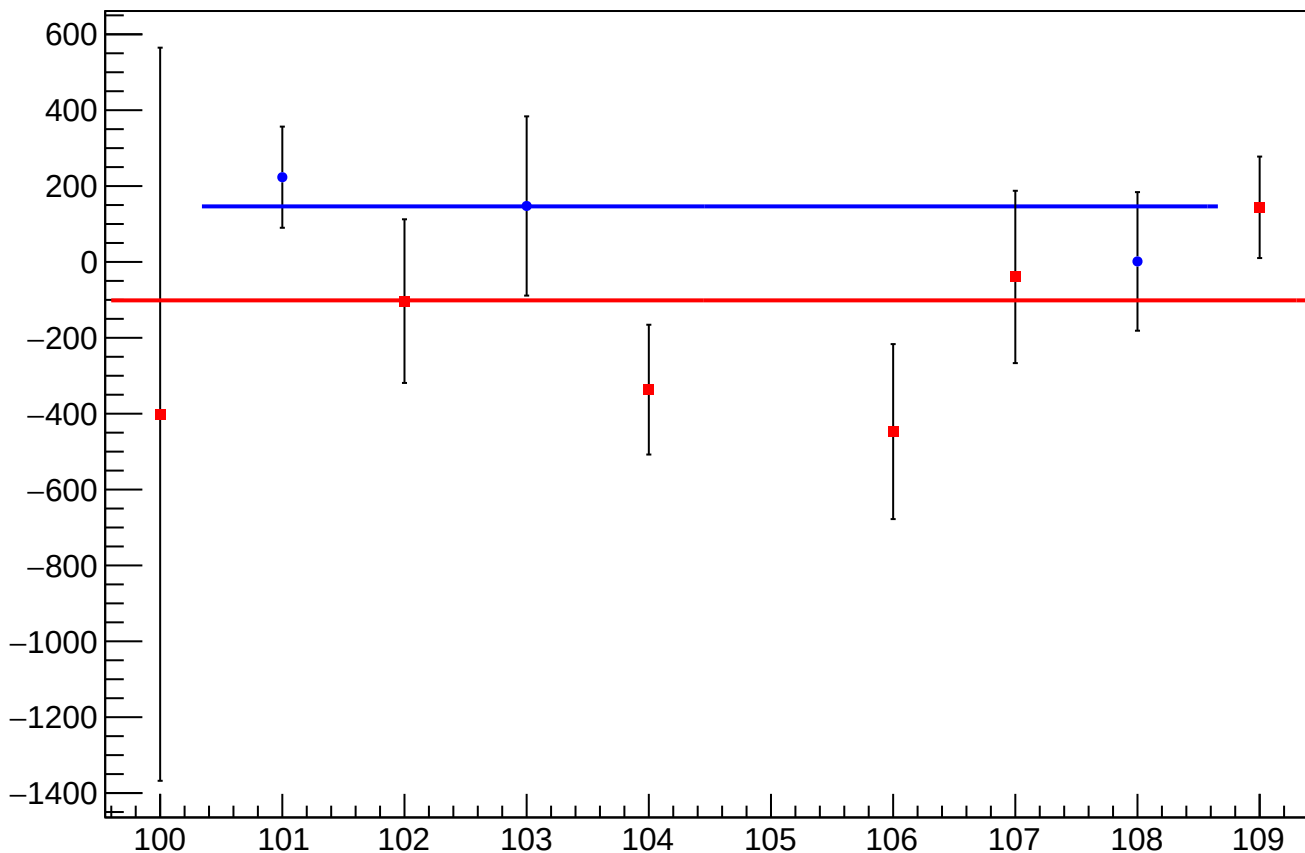
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 511554.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



Right In: 146.433 $\pm$ 97.995 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -101.295 $\pm$ 81.425 χ^2 /NDF: 7.7/5

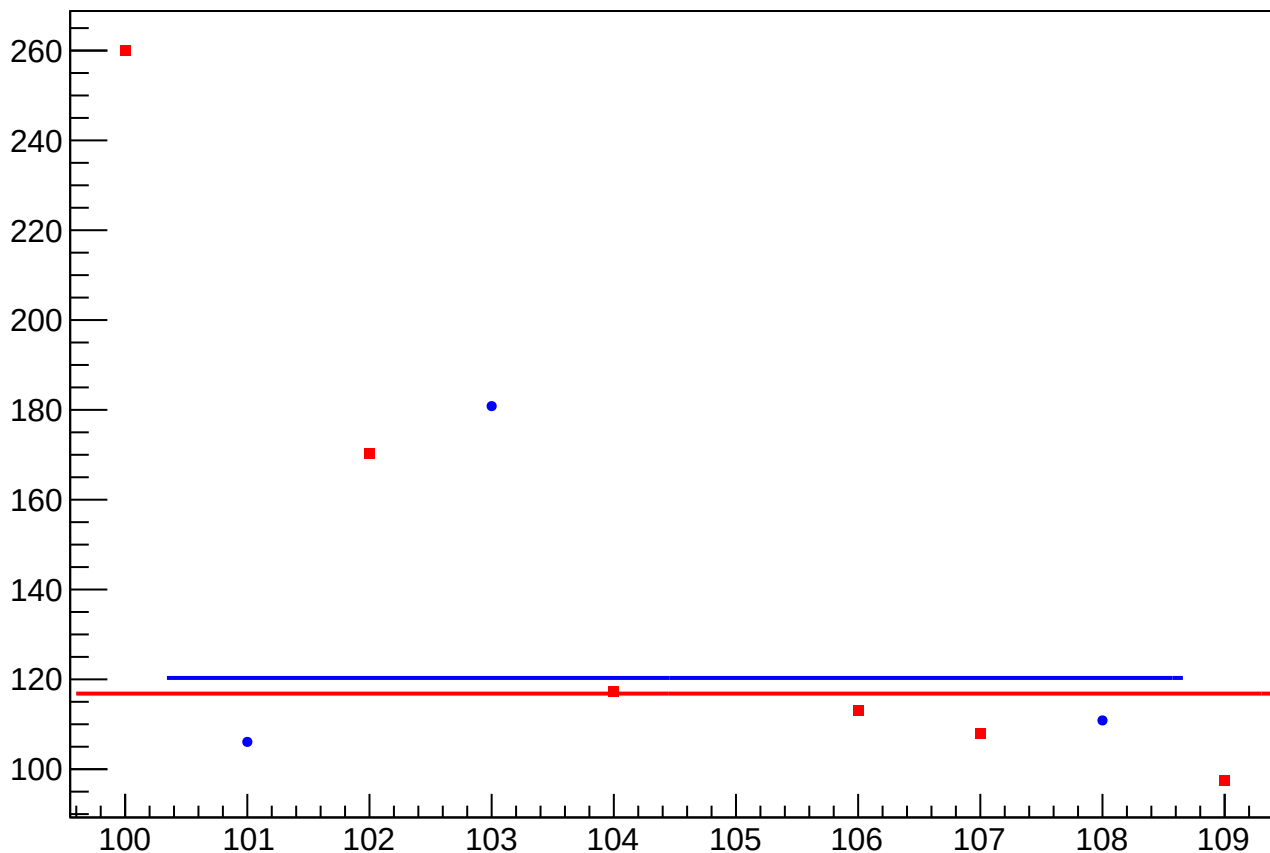
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.115 $\pm$ 62.627 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



Right In: 120.315 $\pm$ 0.069 χ^2 /NDF: 159432.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.830 $\pm$ 0.058 χ^2 /NDF: 212164.3/5

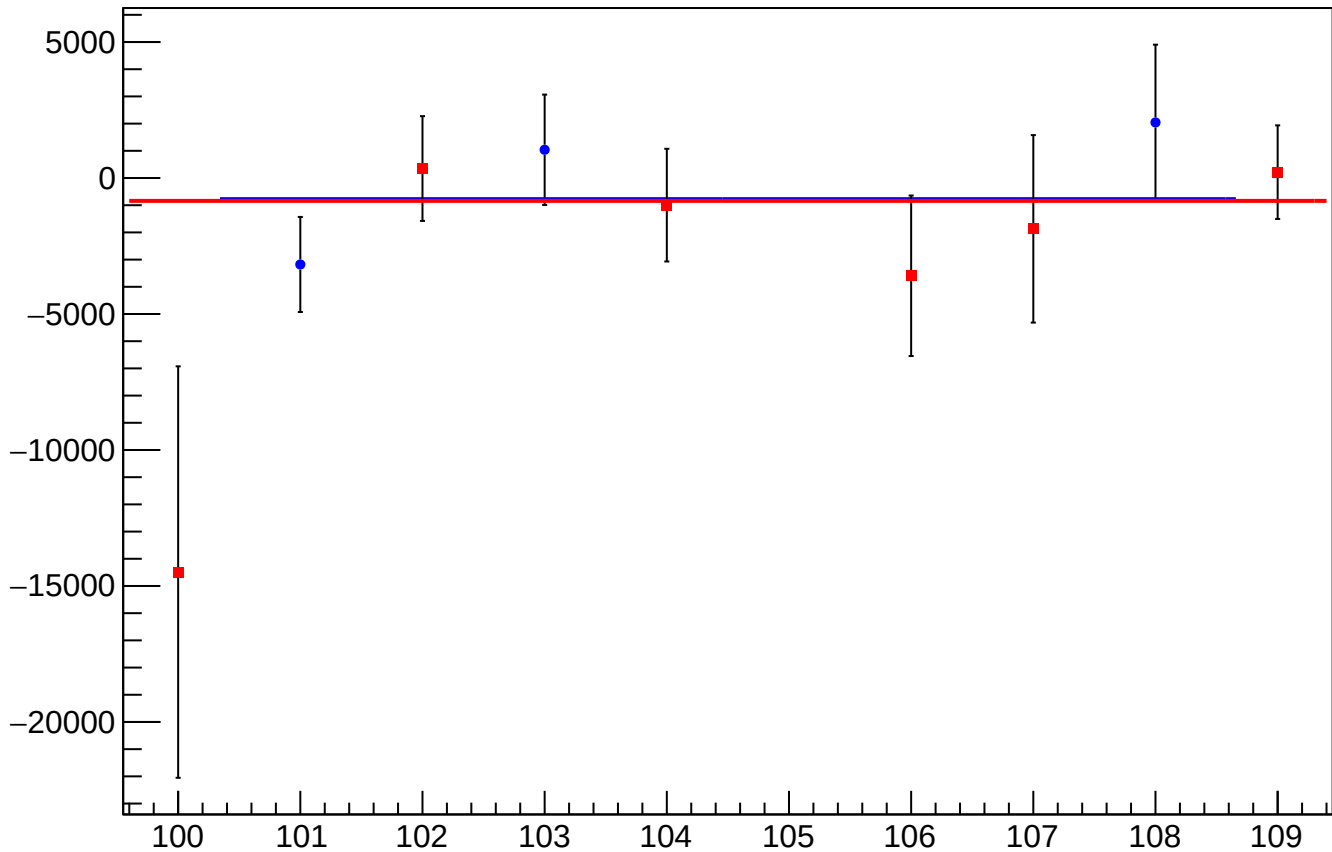
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.254 $\pm$ 0.044 χ^2 /NDF: 373093.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_correction_mean vs Slug



Right In: -777.095+/-1201.657 χ^2/NDF : 3.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -840.817+/-972.670 χ^2/NDF : 5.0/5

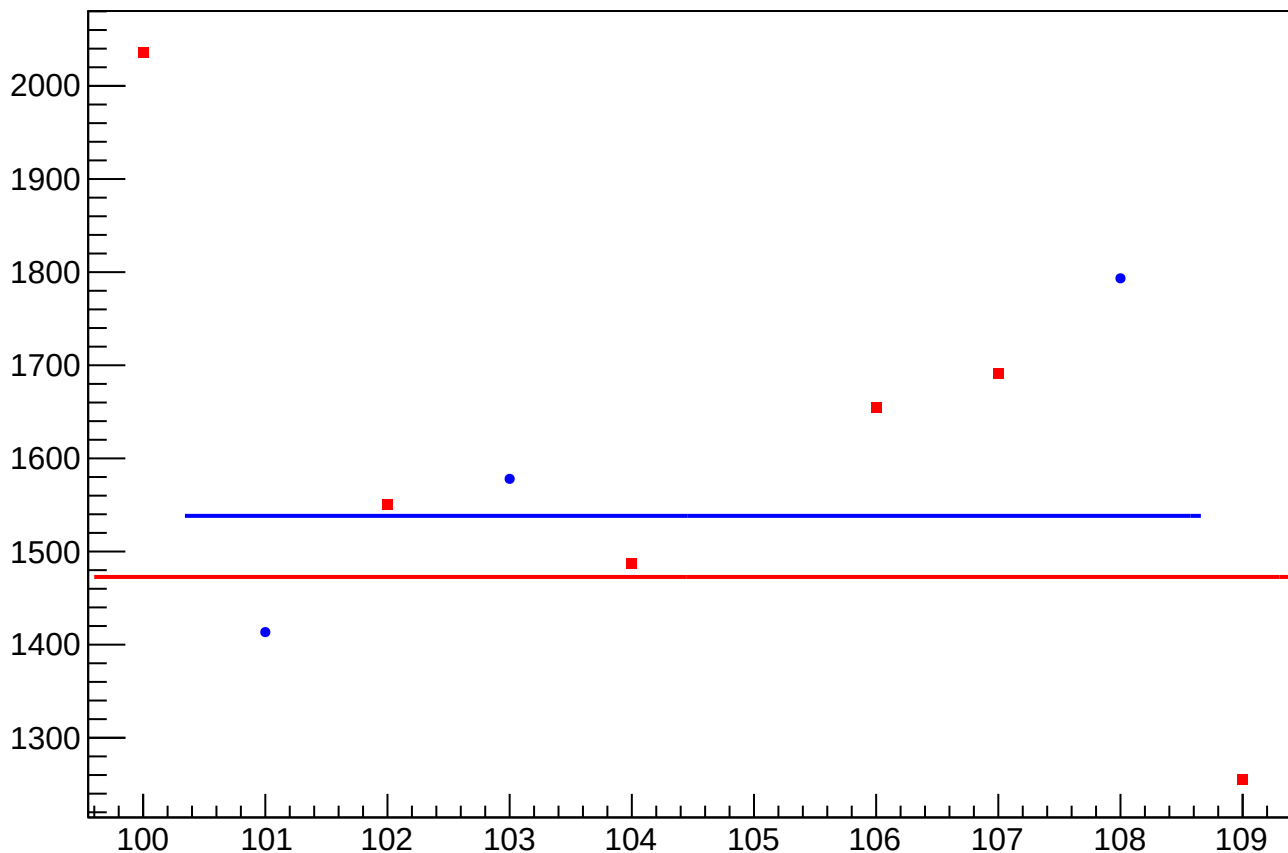
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.593+/-756.034 χ^2/NDF : 8.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



Right In: 1538.307 $\pm$ 0.850 χ^2 /NDF: 26882.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1472.695 $\pm$ 0.688 χ^2 /NDF: 62125.2/5

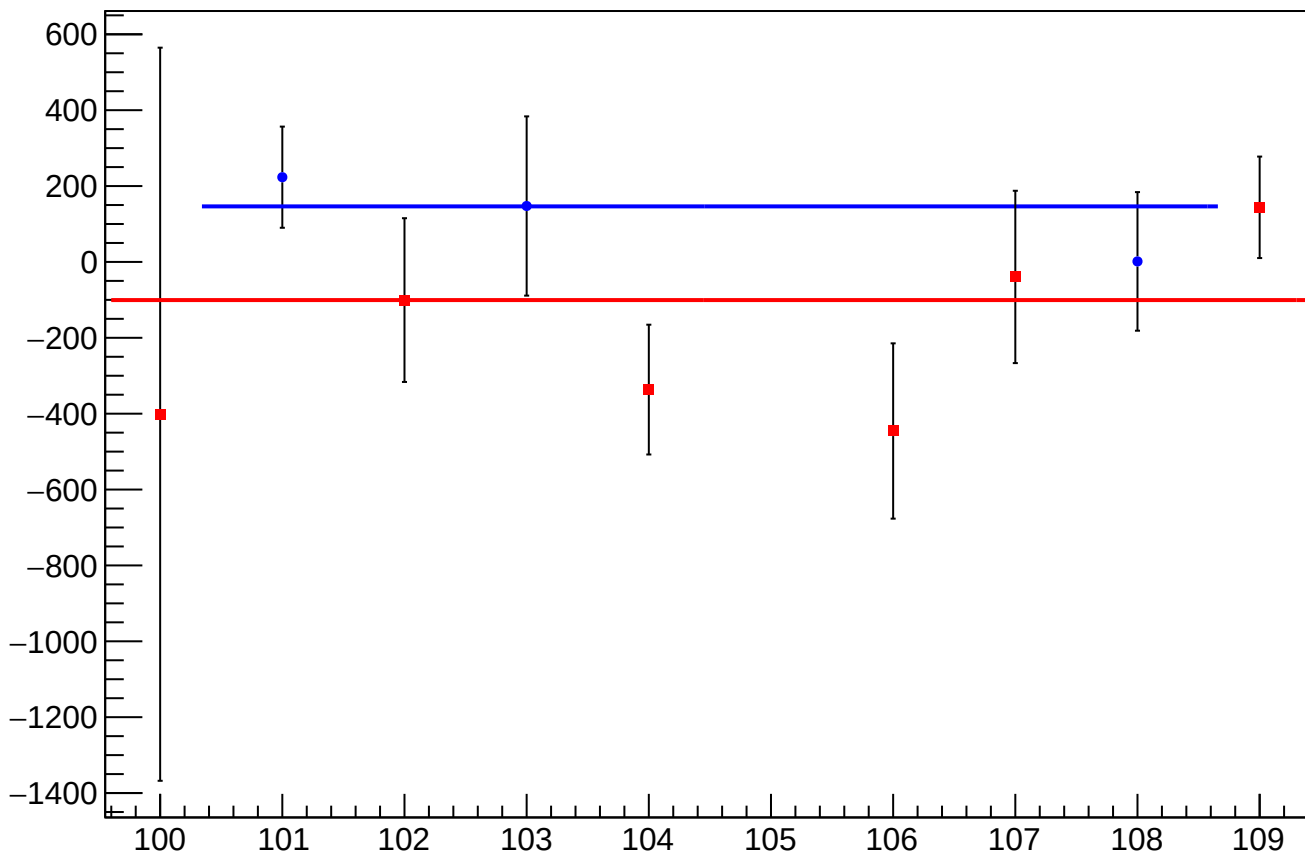
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1498.667 $\pm$ 0.535 χ^2 /NDF: 92609.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_mean vs Slug



Right In: 146.412 $\pm$ 97.995 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.550 $\pm$ 81.450 χ^2 /NDF: 7.6/5

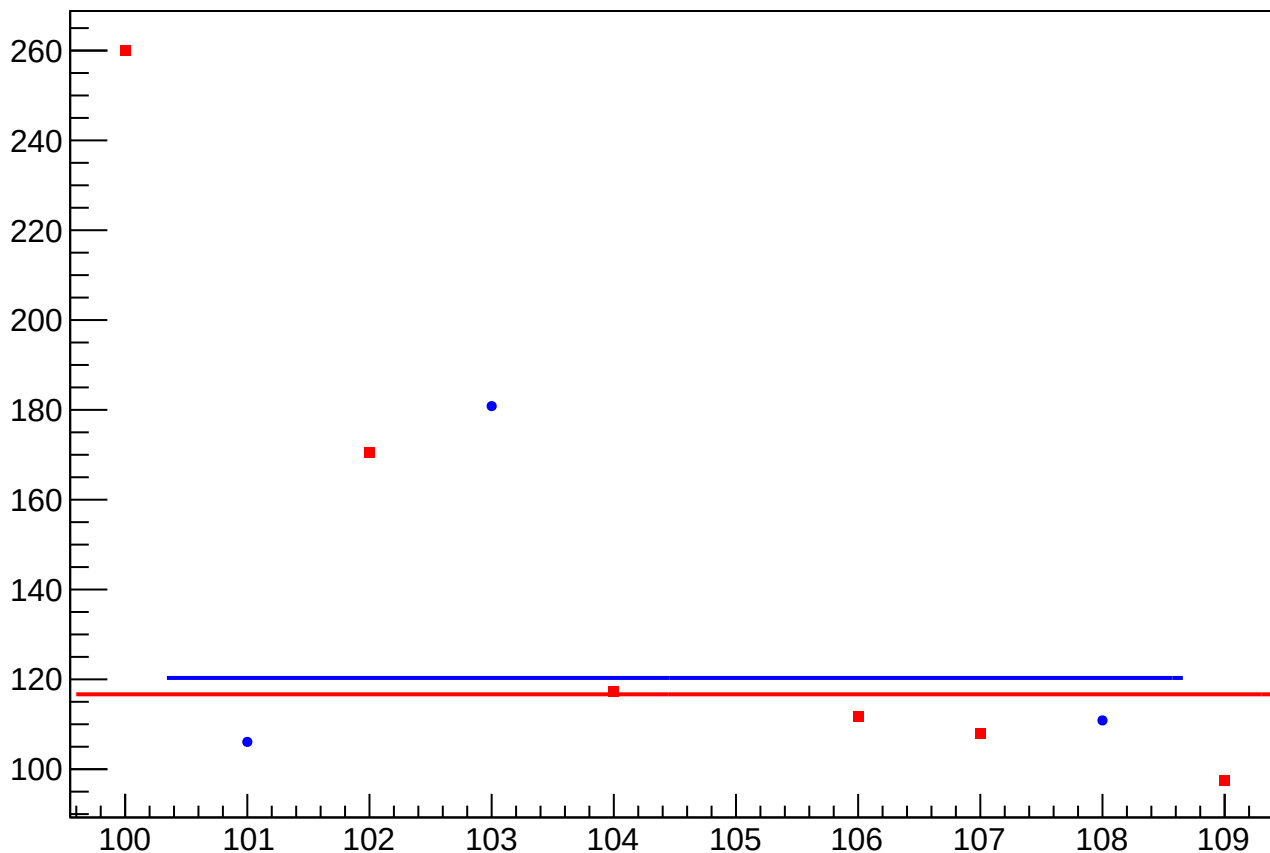
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.353 $\pm$ 62.638 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 120.315+/-0.069 χ^2/NDF : 159435.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.672+/-0.058 χ^2/NDF : 212860.4/5

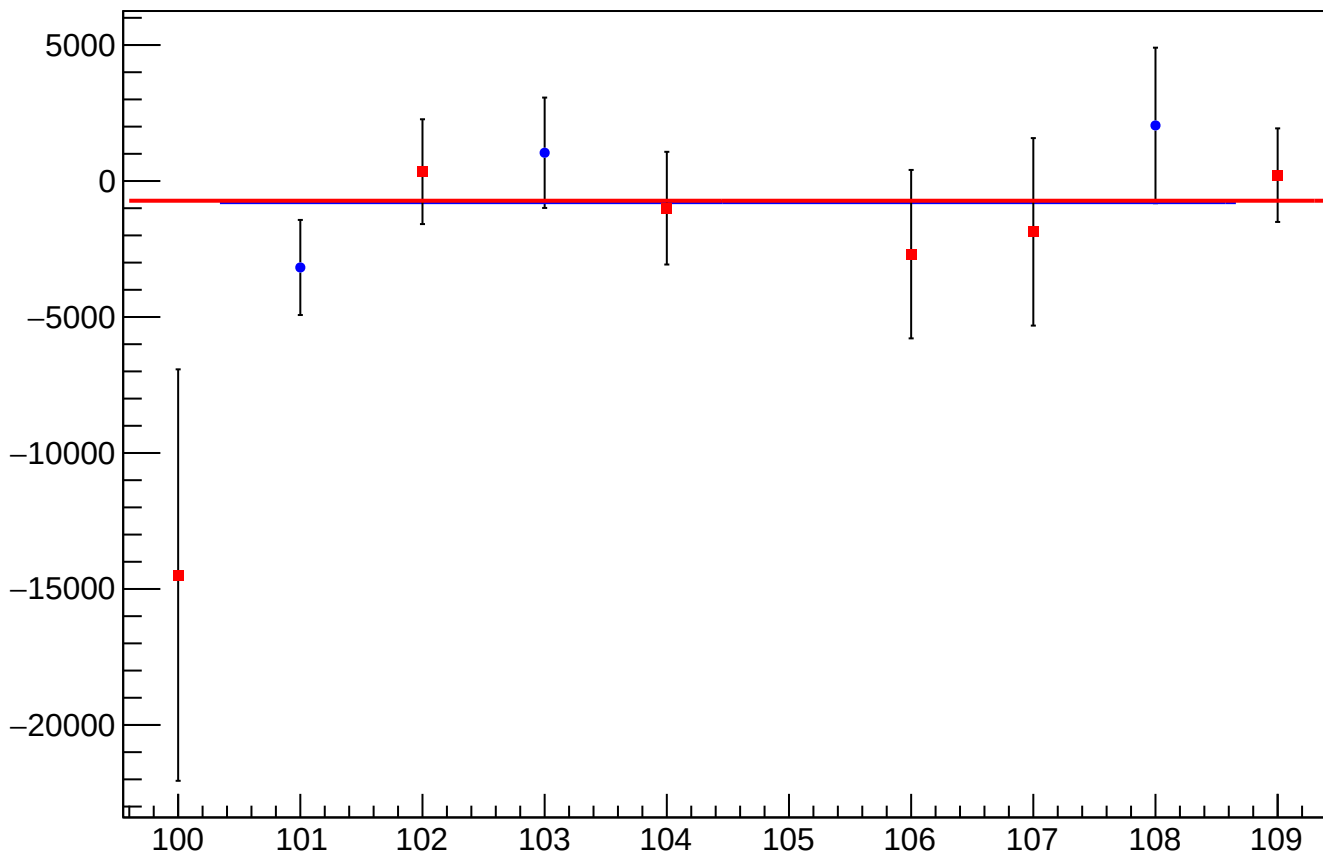
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.160+/-0.044 χ^2/NDF : 373931.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_mean vs Slug



Right In: -776.915 $\pm$ 1201.687 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -724.931 $\pm$ 977.721 χ^2 /NDF: 4.4/5

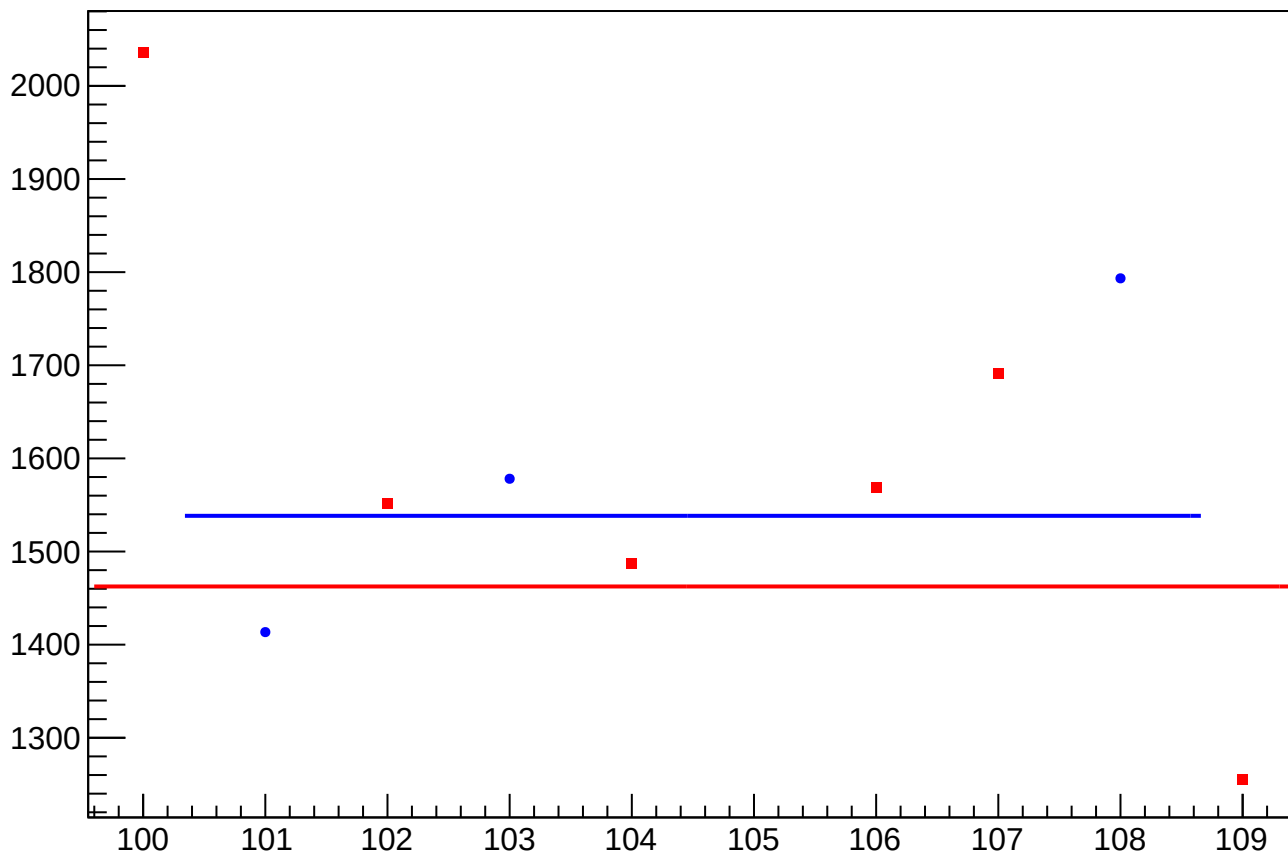
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -745.637 $\pm$ 758.406 χ^2 /NDF: 8.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1538.343+/-0.850 χ^2/NDF : 26886.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1462.476+/-0.691 χ^2/NDF : 56271.7/5

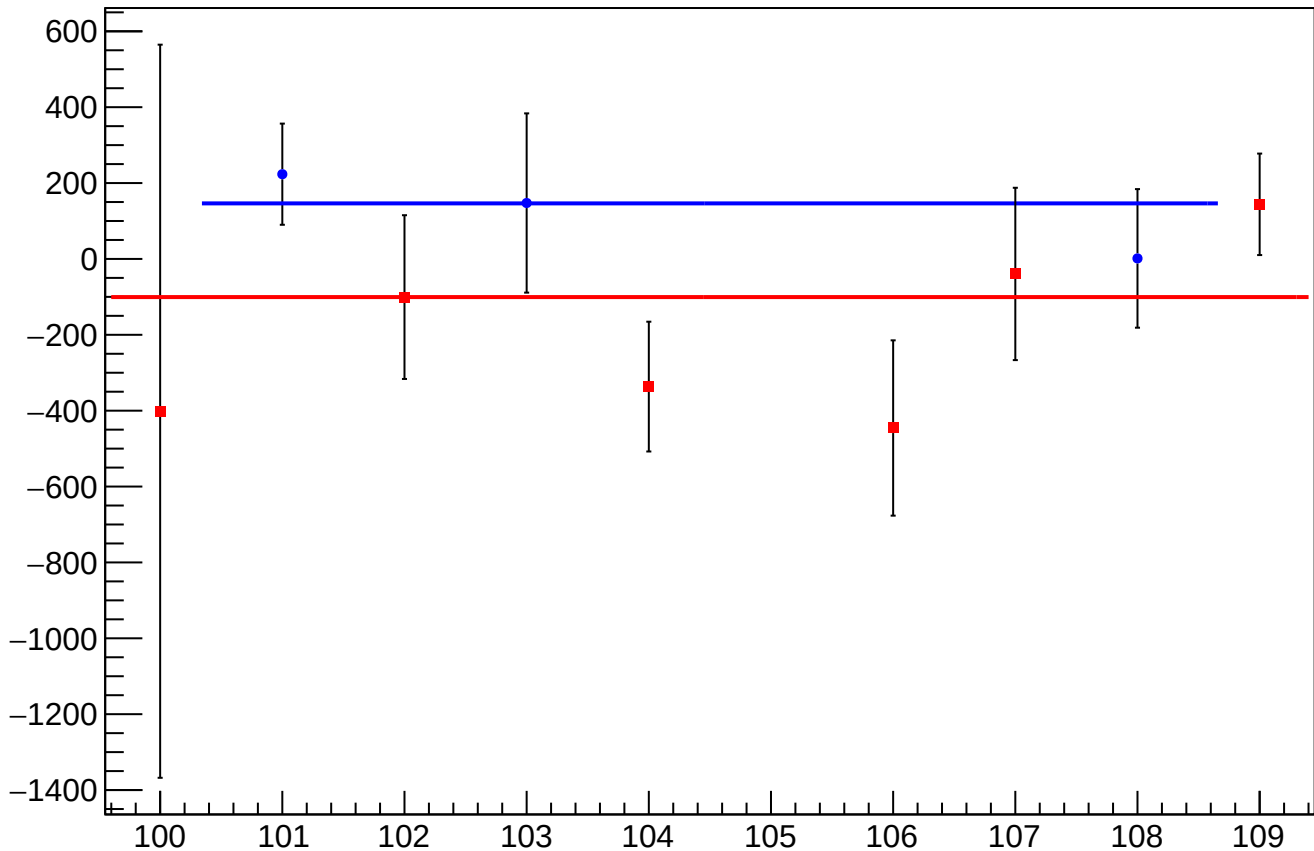
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.694+/-0.536 χ^2/NDF : 87954.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_2468_avg_mean vs Slug



Right In: 146.412 $\pm$ 97.995 χ^2 /NDF: 1.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -100.550 $\pm$ 81.450 χ^2 /NDF: 7.6/5

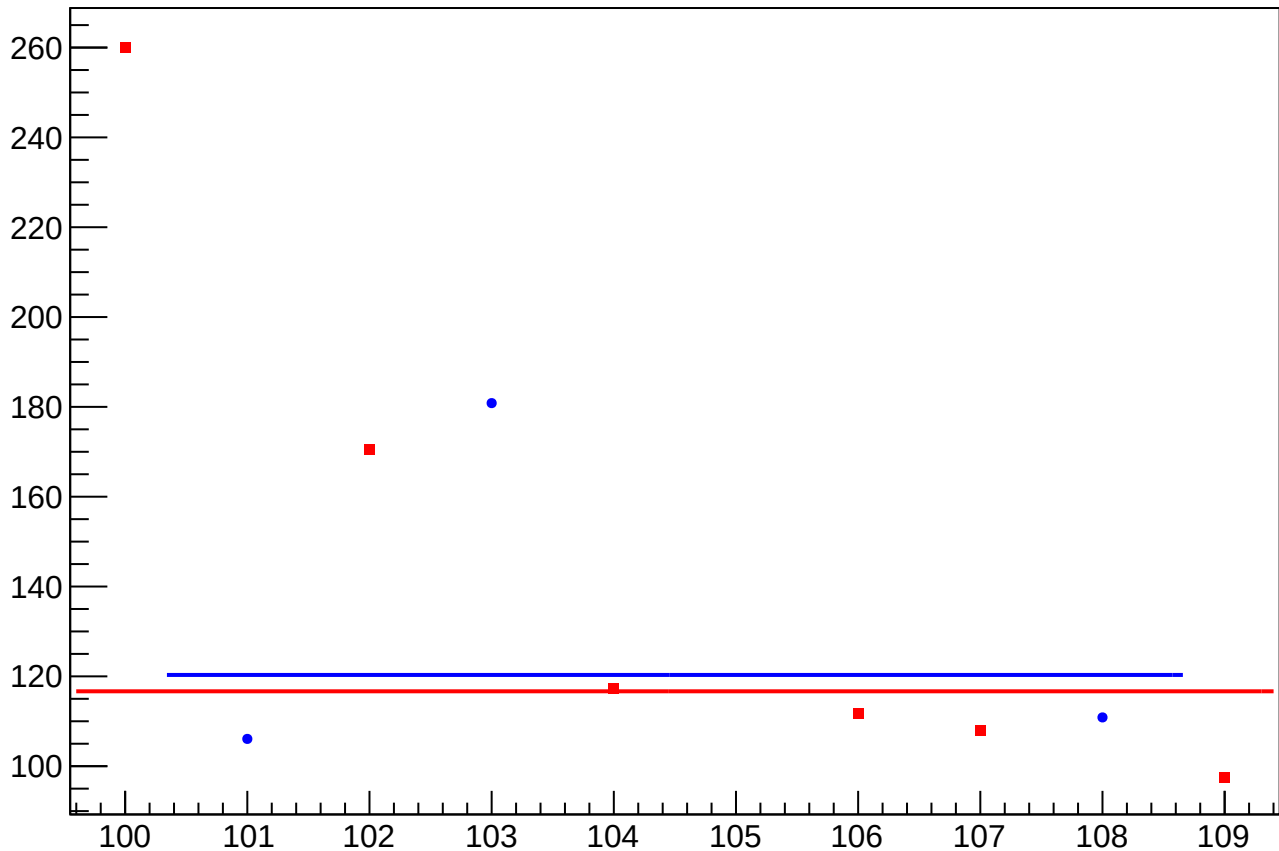
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.353 $\pm$ 62.638 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 120.315 $\pm$ 0.069 χ^2 /NDF: 159435.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 116.672 $\pm$ 0.058 χ^2 /NDF: 212860.4/5

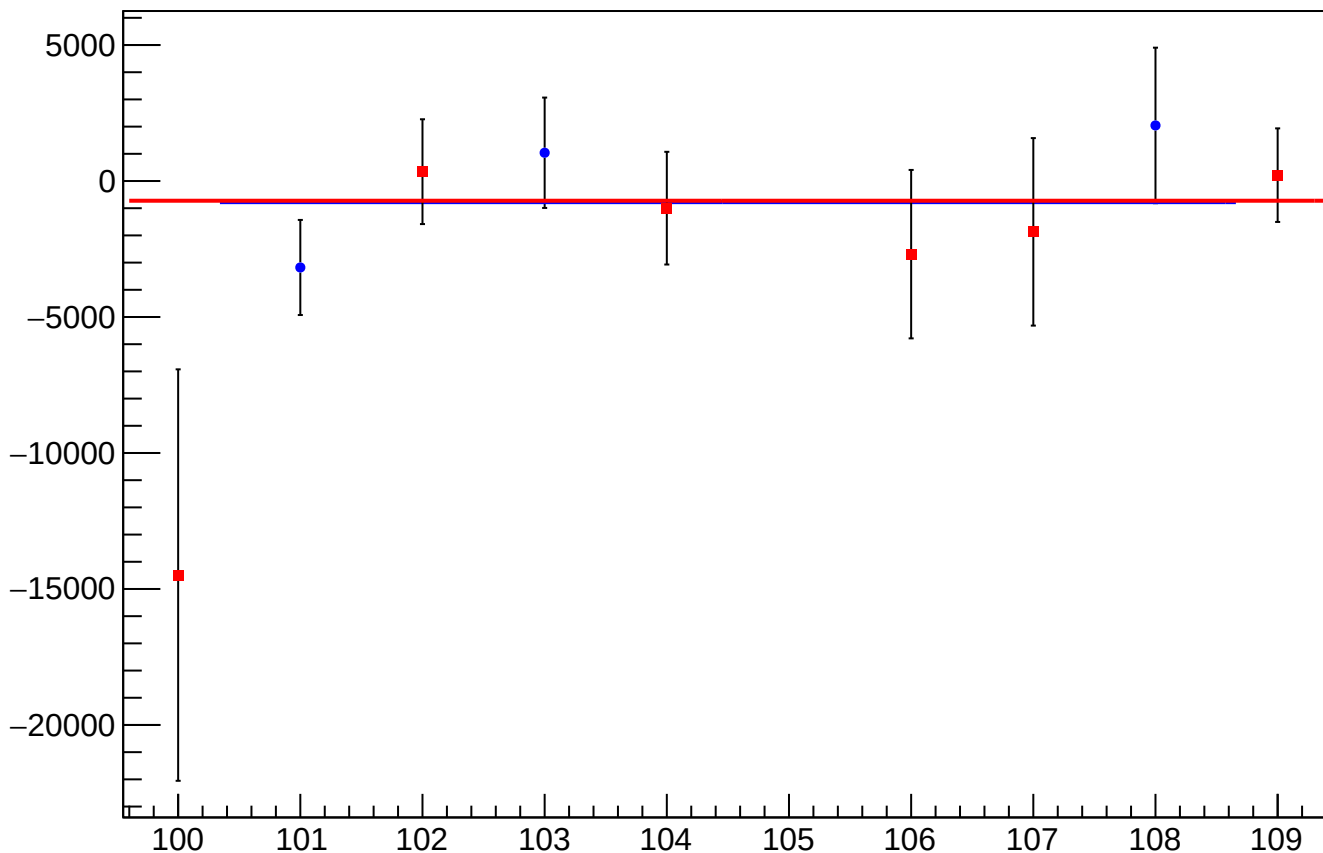
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.160 $\pm$ 0.044 χ^2 /NDF: 373931.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug



Right In: -776.915 $\pm$ 1201.687 χ^2 /NDF: 3.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -724.931 $\pm$ 977.721 χ^2 /NDF: 4.4/5

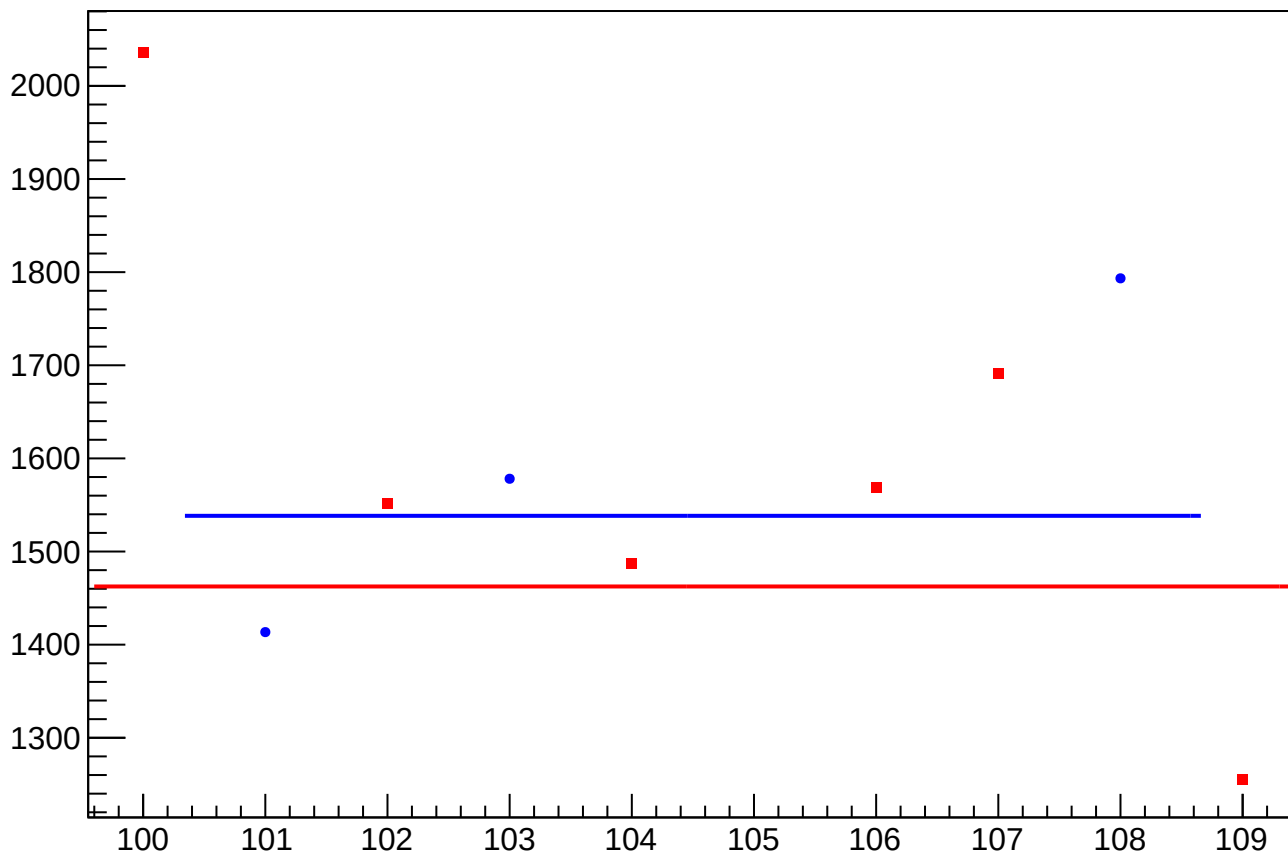
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -745.637 $\pm$ 758.406 χ^2 /NDF: 8.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug



Right In: 1538.343 $\pm$ 0.850 χ^2 /NDF: 26886.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1462.476 $\pm$ 0.691 χ^2 /NDF: 56271.7/5

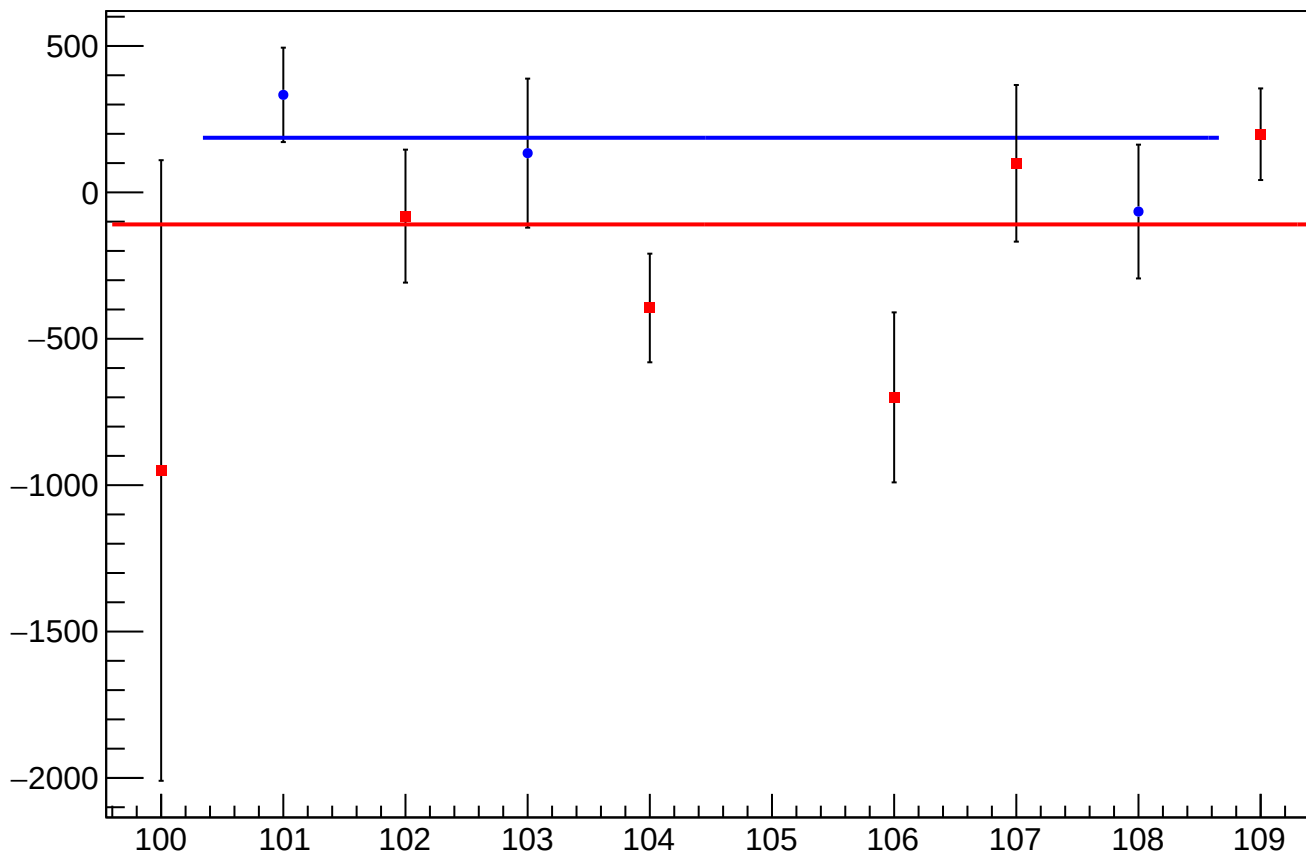
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1492.694 $\pm$ 0.536 χ^2 /NDF: 87954.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 186.518 $\pm$ 116.984 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -109.440 $\pm$ 92.836 χ^2 /NDF: 11.6/5

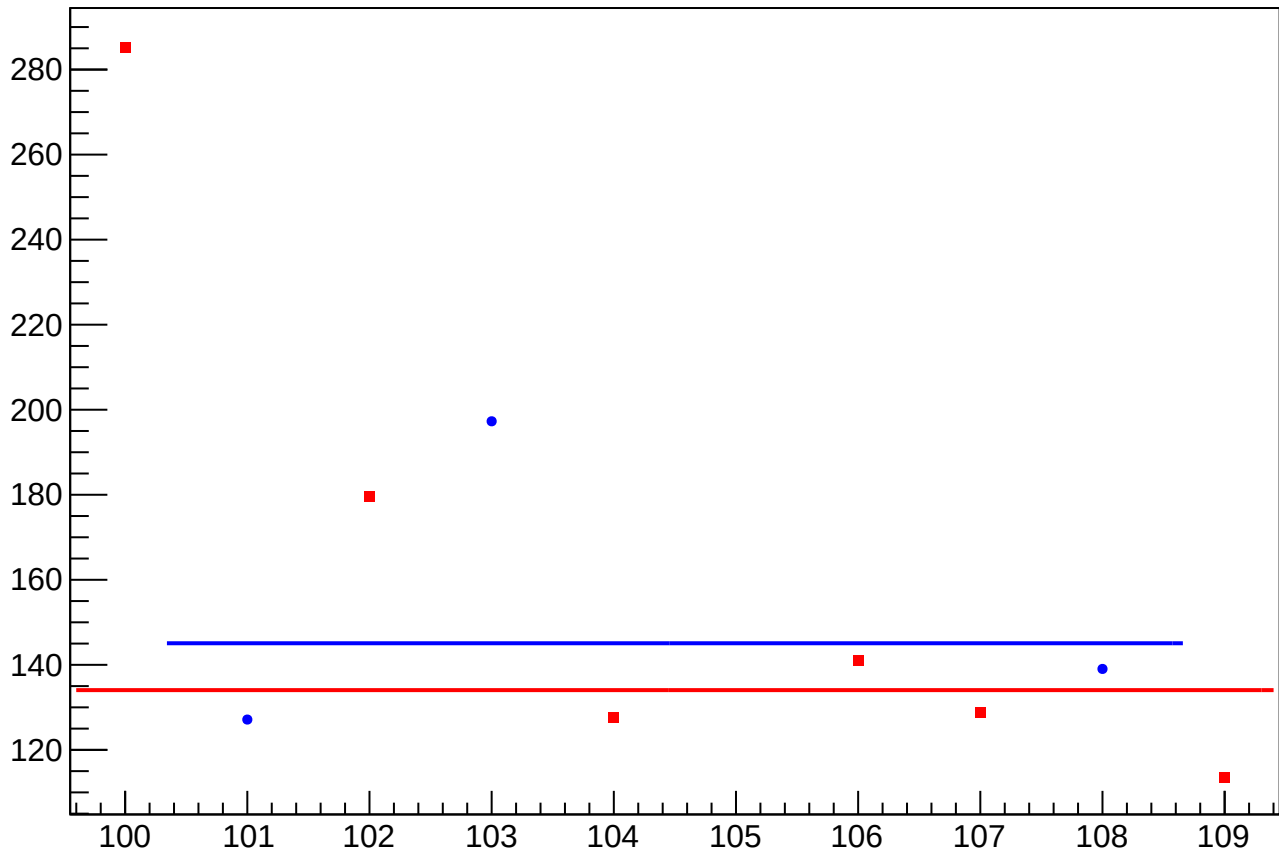
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.922 $\pm$ 72.720 χ^2 /NDF: 17.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



Right In: 145.075 $\pm$ 0.083 χ^2 /NDF: 110339.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 134.053 $\pm$ 0.066 χ^2 /NDF: 159883.2/5

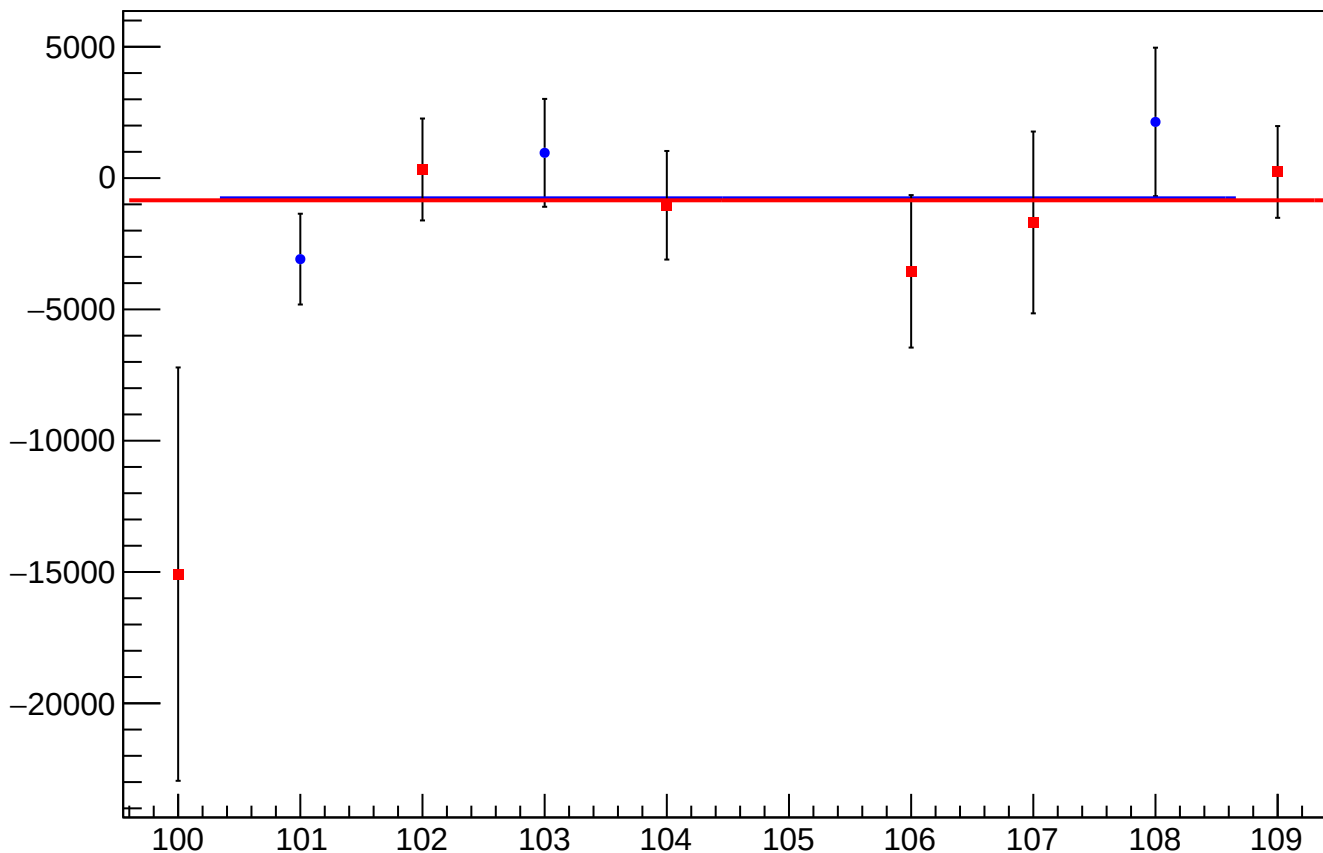
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.312 $\pm$ 0.051 χ^2 /NDF: 281115.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: -771.102+/-1197.990 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -845.649+/-978.063 χ^2/NDF : 5.0/5

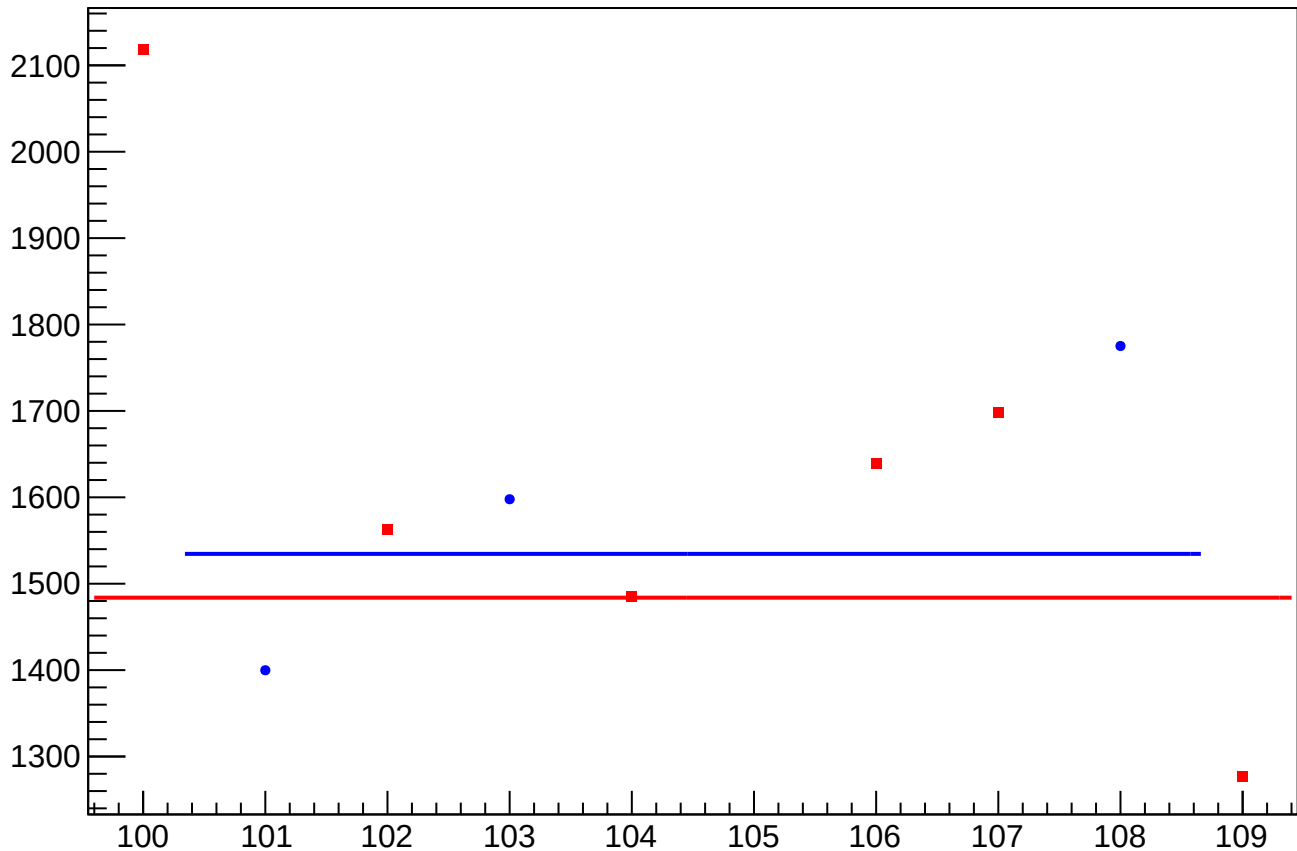
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -815.834+/-757.633 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1534.538 $\pm$ 0.847 χ^2 /NDF: 28518.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1483.849 $\pm$ 0.692 χ^2 /NDF: 57902.1/5

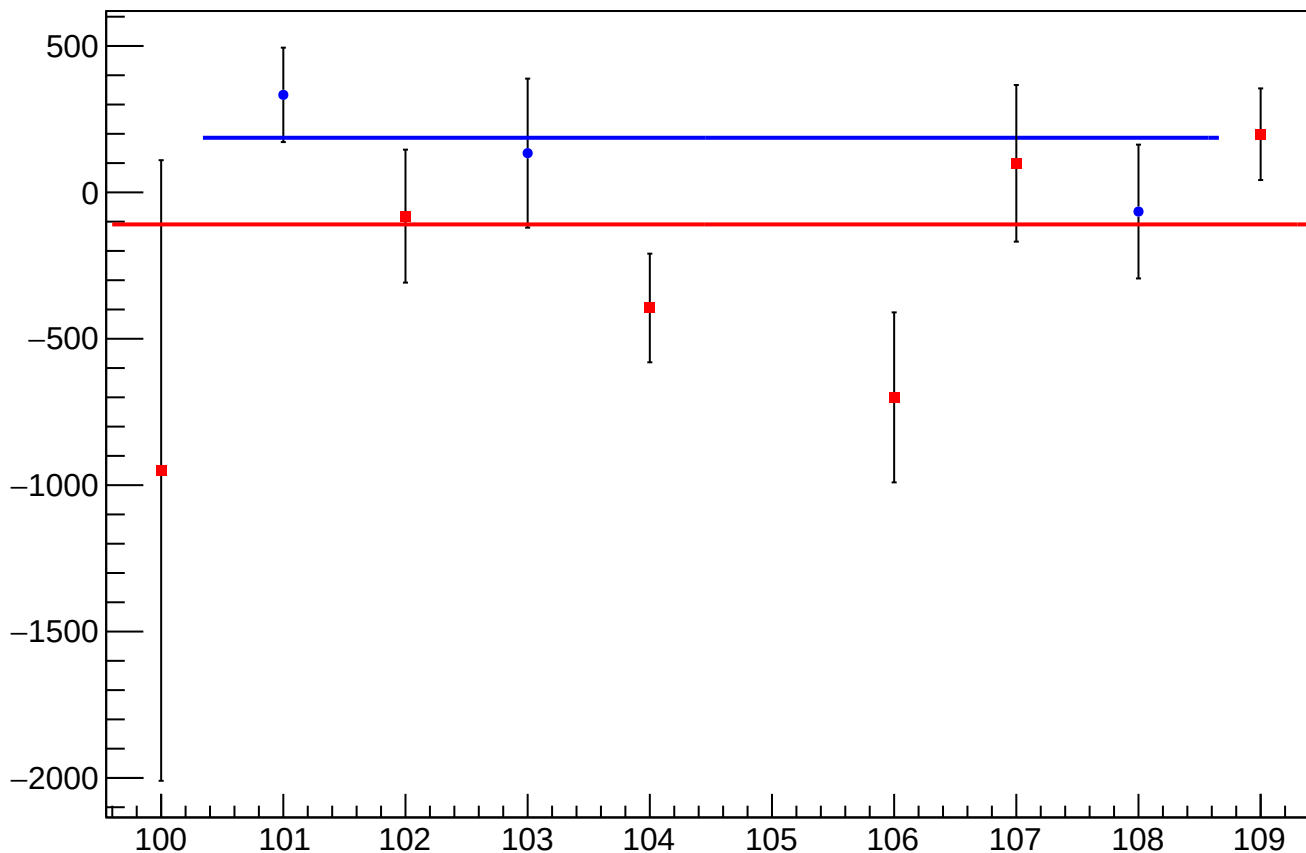
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1504.122 $\pm$ 0.536 χ^2 /NDF: 88569.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_mean vs Slug



Right In: 186.517 $\pm$ 116.985 χ^2 /NDF: 2.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -109.441 $\pm$ 92.835 χ^2 /NDF: 11.6/5

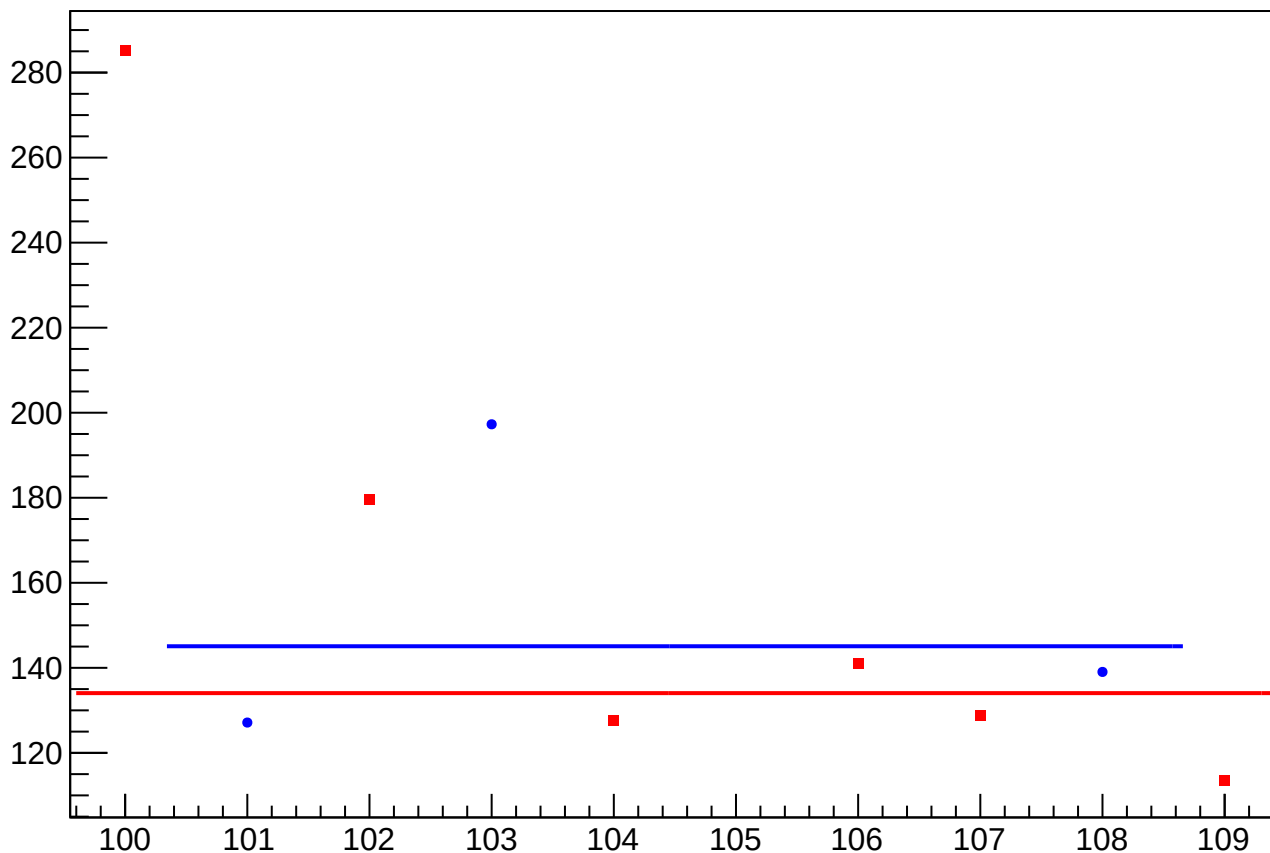
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.920 $\pm$ 72.720 χ^2 /NDF: 17.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 145.075+/-0.083 χ^2/NDF : 110335.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.052+/-0.066 χ^2/NDF : 159883.7/5

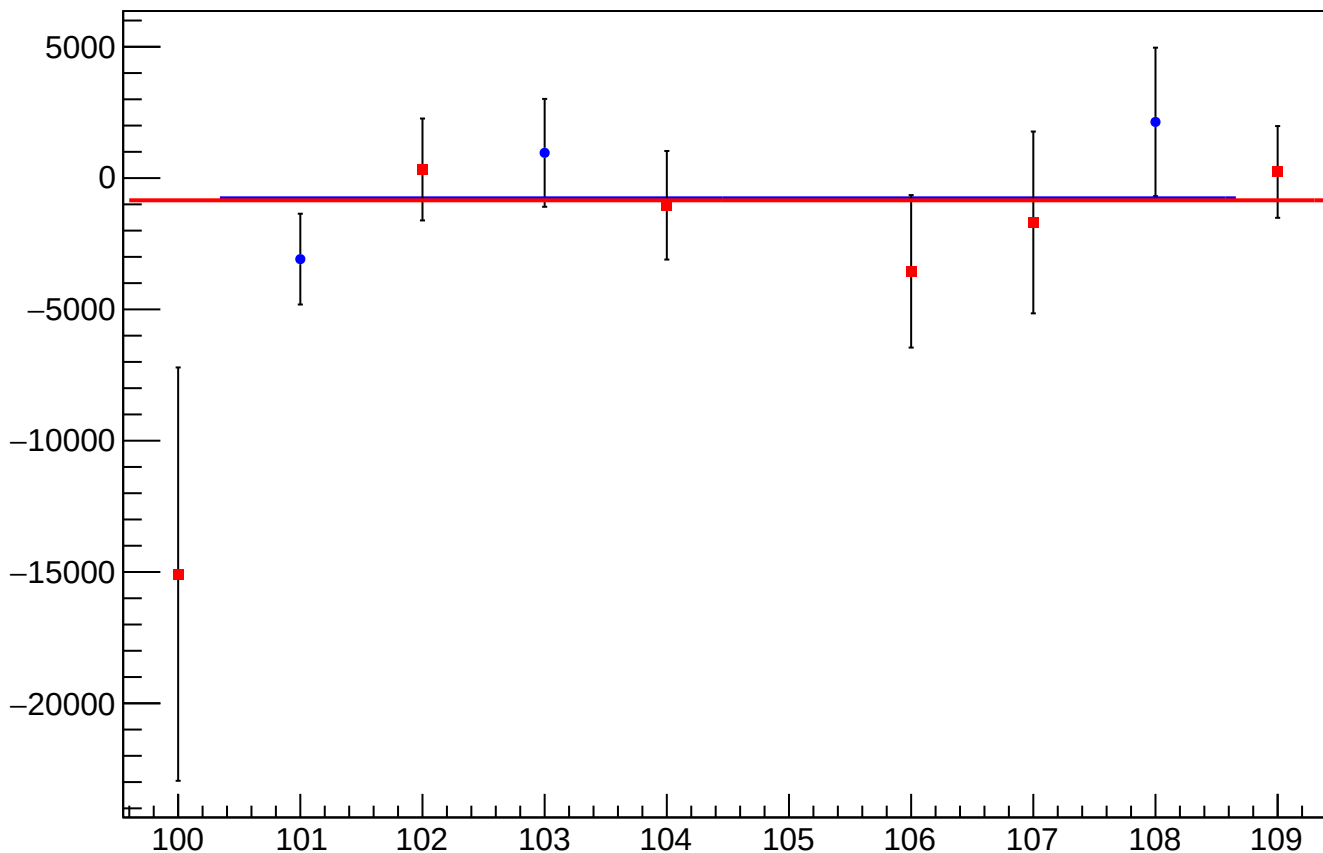
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.312+/-0.051 χ^2/NDF : 281114.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug



Right In: -771.102 $\pm$ 1197.988 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -845.647 $\pm$ 978.061 χ^2 /NDF: 5.0/5

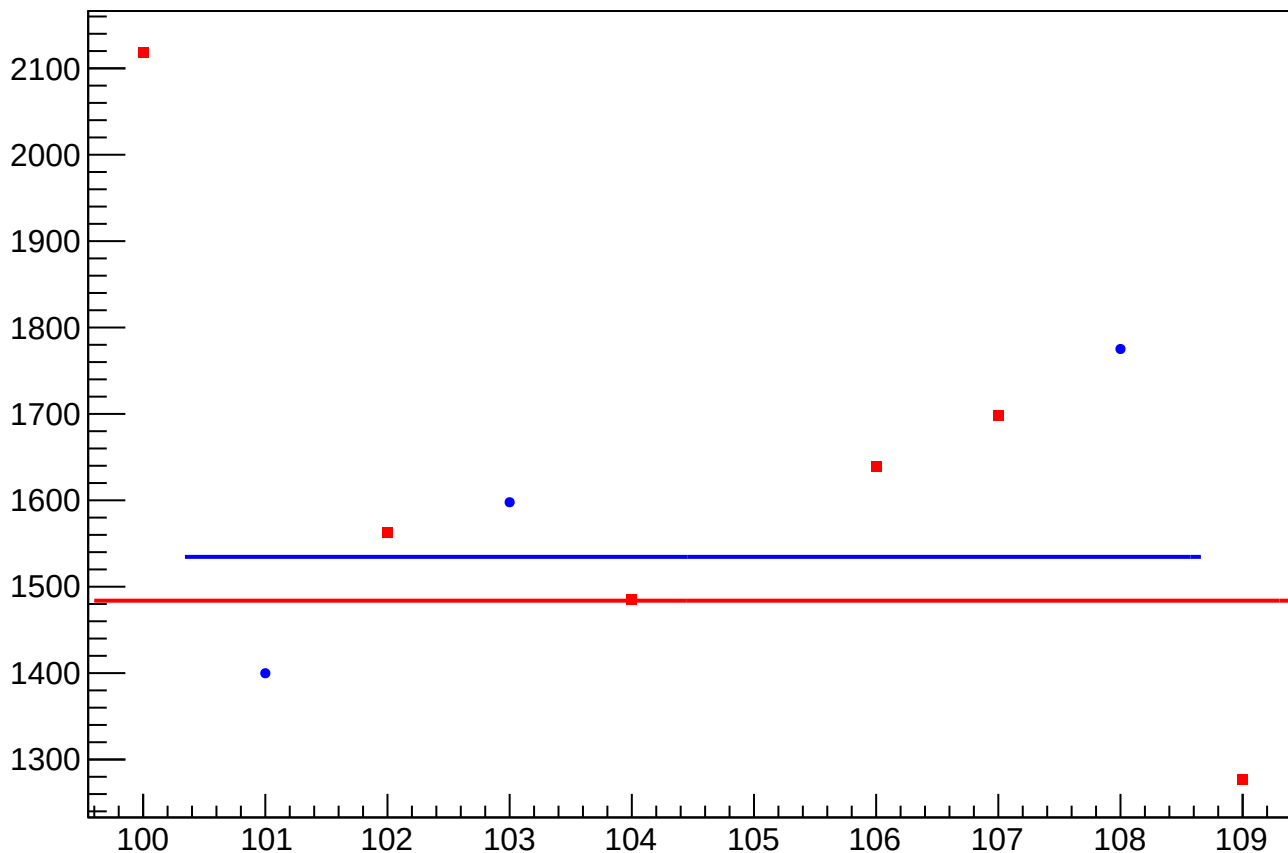
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -815.832 $\pm$ 757.631 χ^2 /NDF: 8.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug



Right In: 1534.536 $\pm$ 0.847 χ^2 /NDF: 28518.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1483.845 $\pm$ 0.692 χ^2 /NDF: 57902.9/5

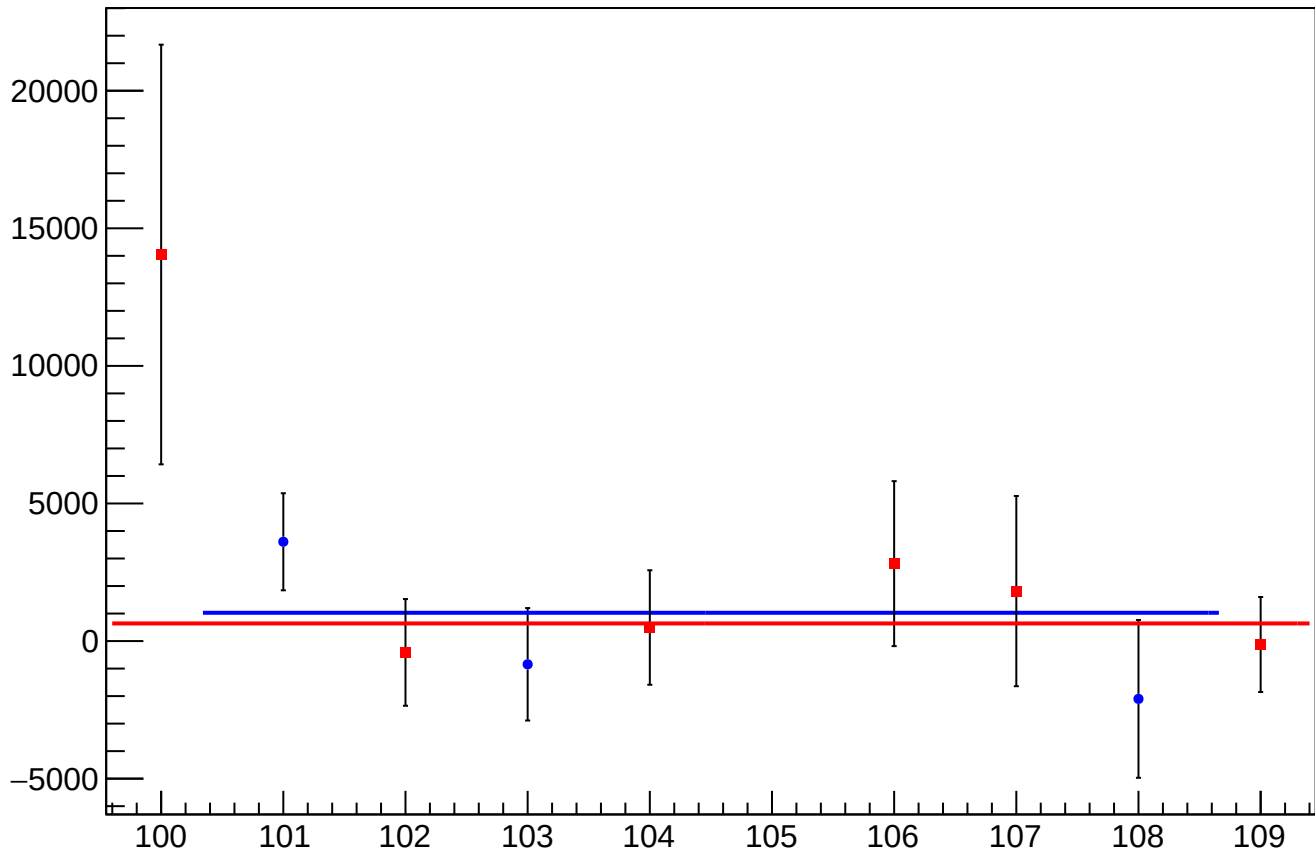
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1504.119 $\pm$ 0.536 χ^2 /NDF: 88570.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: 1028.117+/-1210.521 χ^2/NDF : 4.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.243+/-978.472 χ^2/NDF : 4.2/5

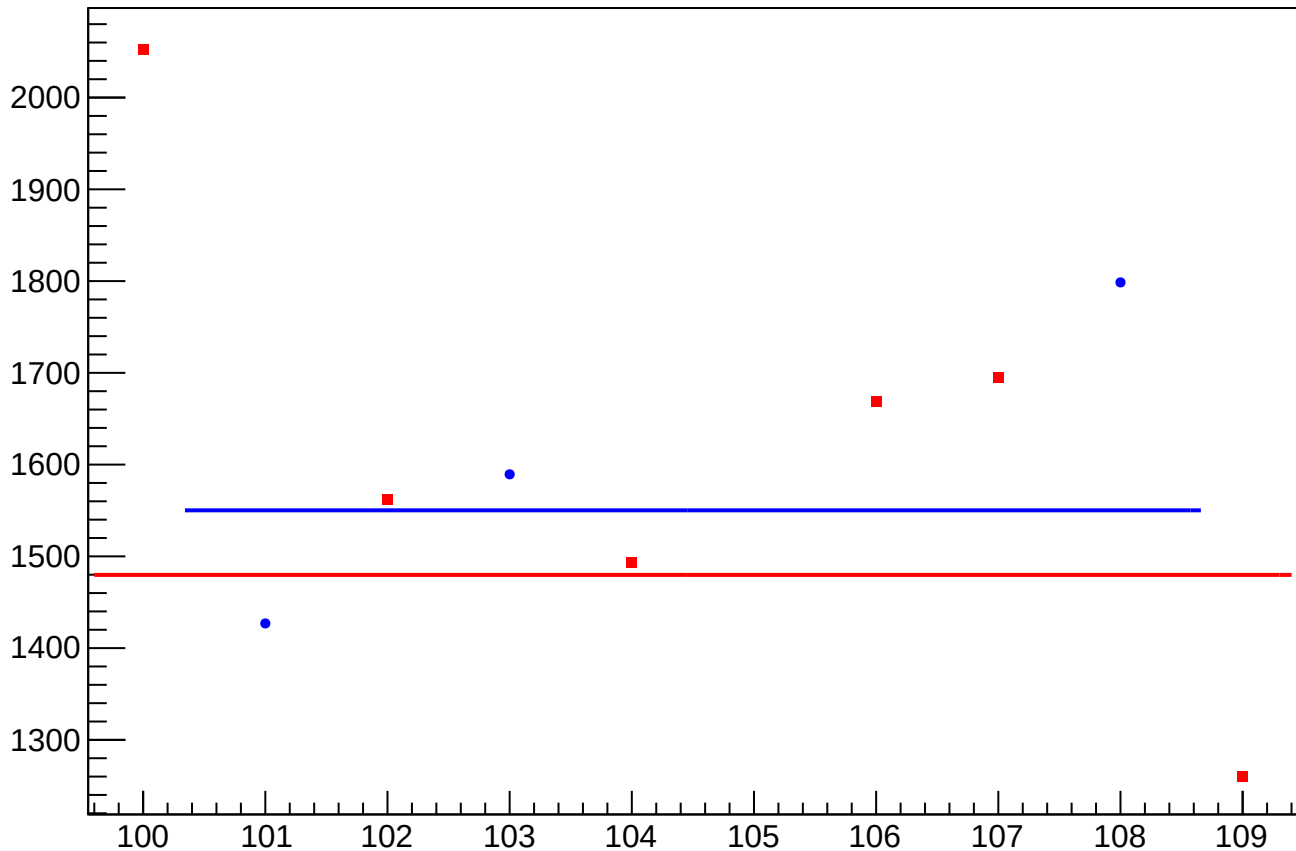
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 793.519+/-760.965 χ^2/NDF : 8.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_rms vs Slug



Right In: 1550.169+/-0.856 χ^2/NDF : 25507.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1479.806+/-0.692 χ^2/NDF : 63058.8/5

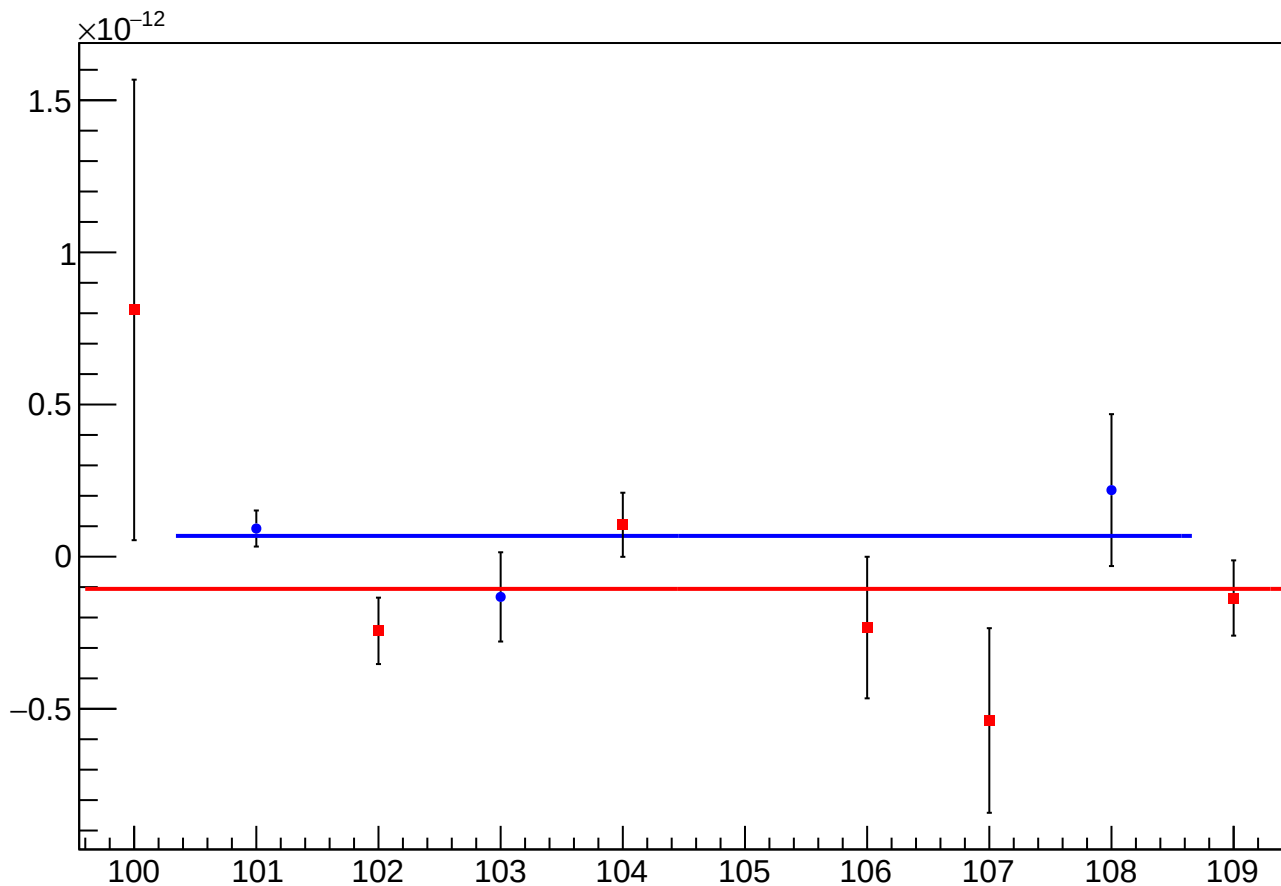
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1507.611+/-0.538 χ^2/NDF : 92653.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.5/5

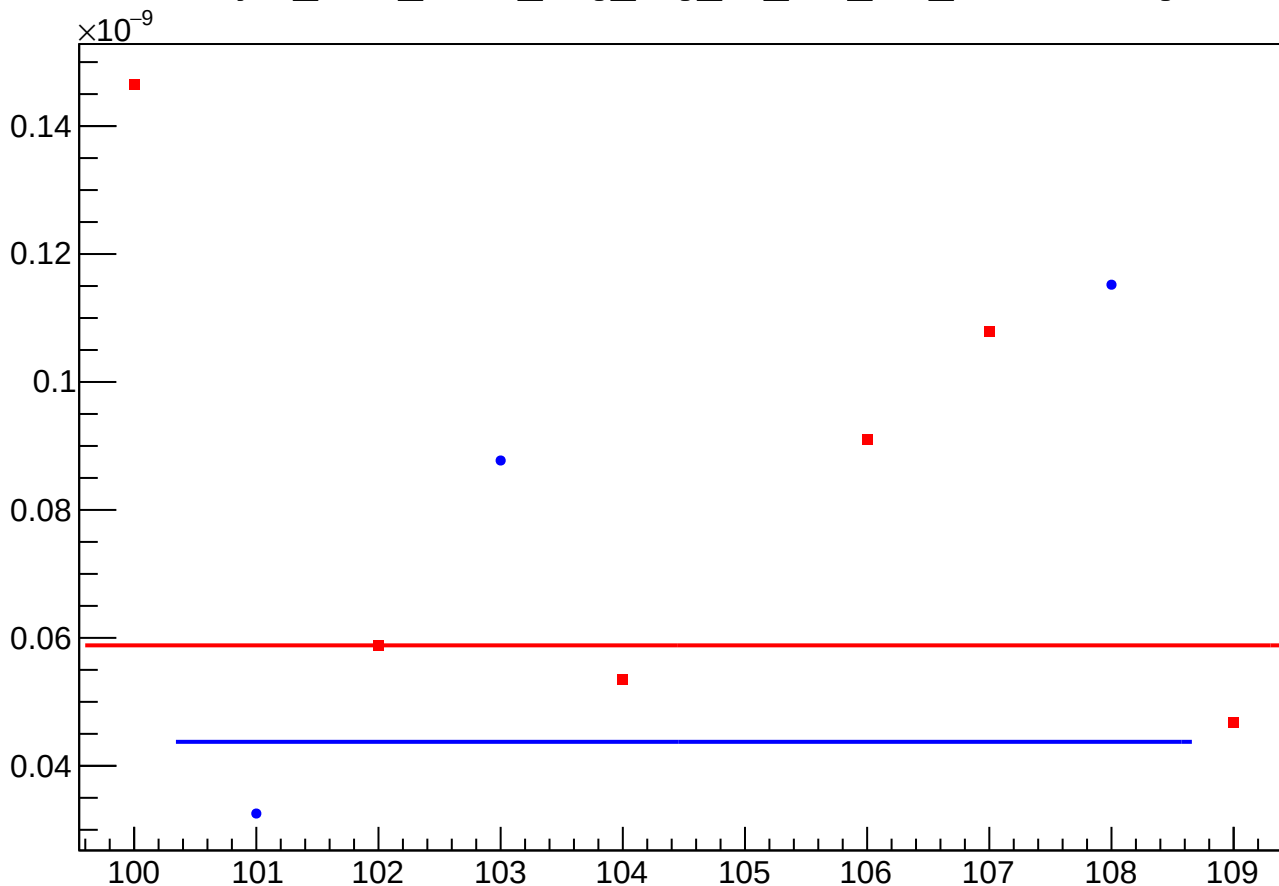
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 415232.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 141558.0/5

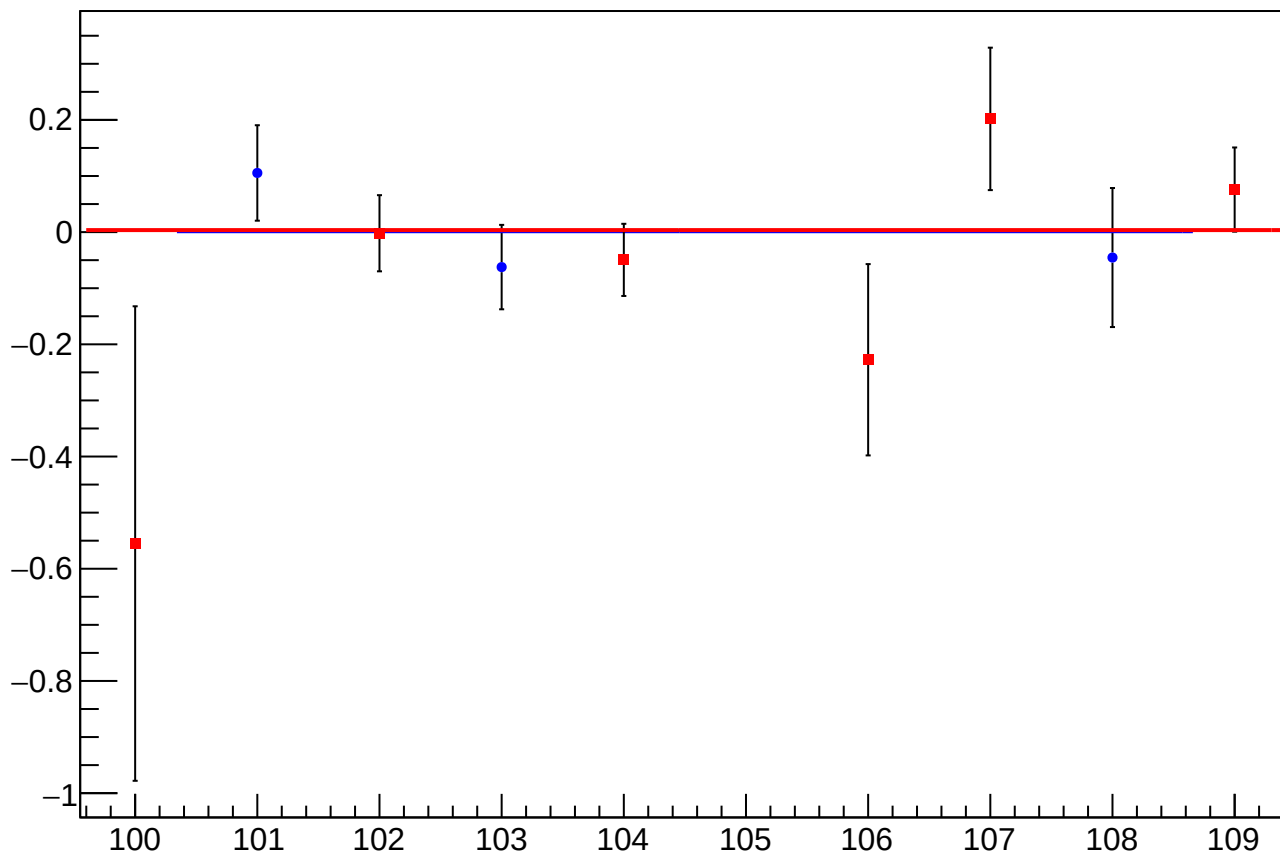
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 625959.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

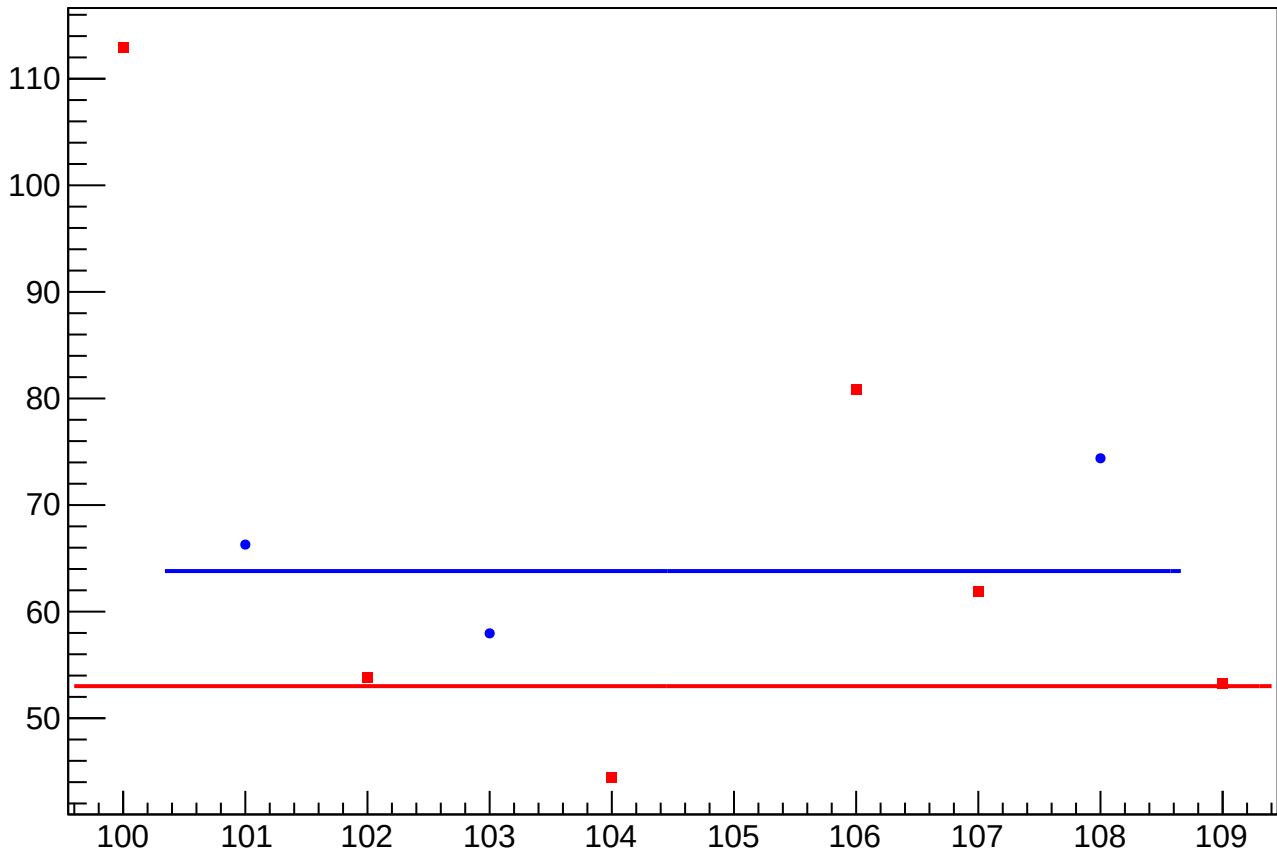
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 10.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



Right In: 63.807 $\pm$ 0.036 χ^2 /NDF: 28361.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.010 $\pm$ 0.026 χ^2 /NDF: 138855.2/5

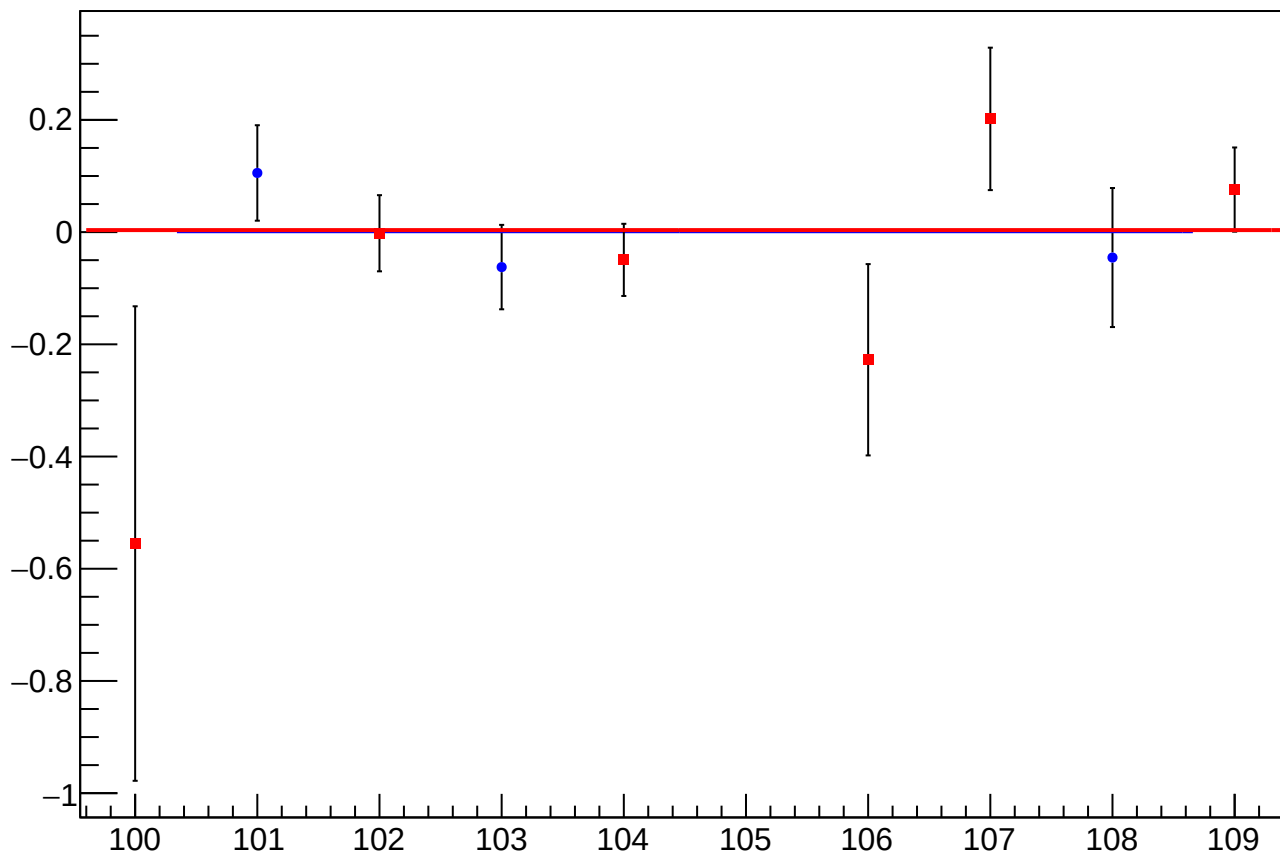
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.678 $\pm$ 0.021 χ^2 /NDF: 225722.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

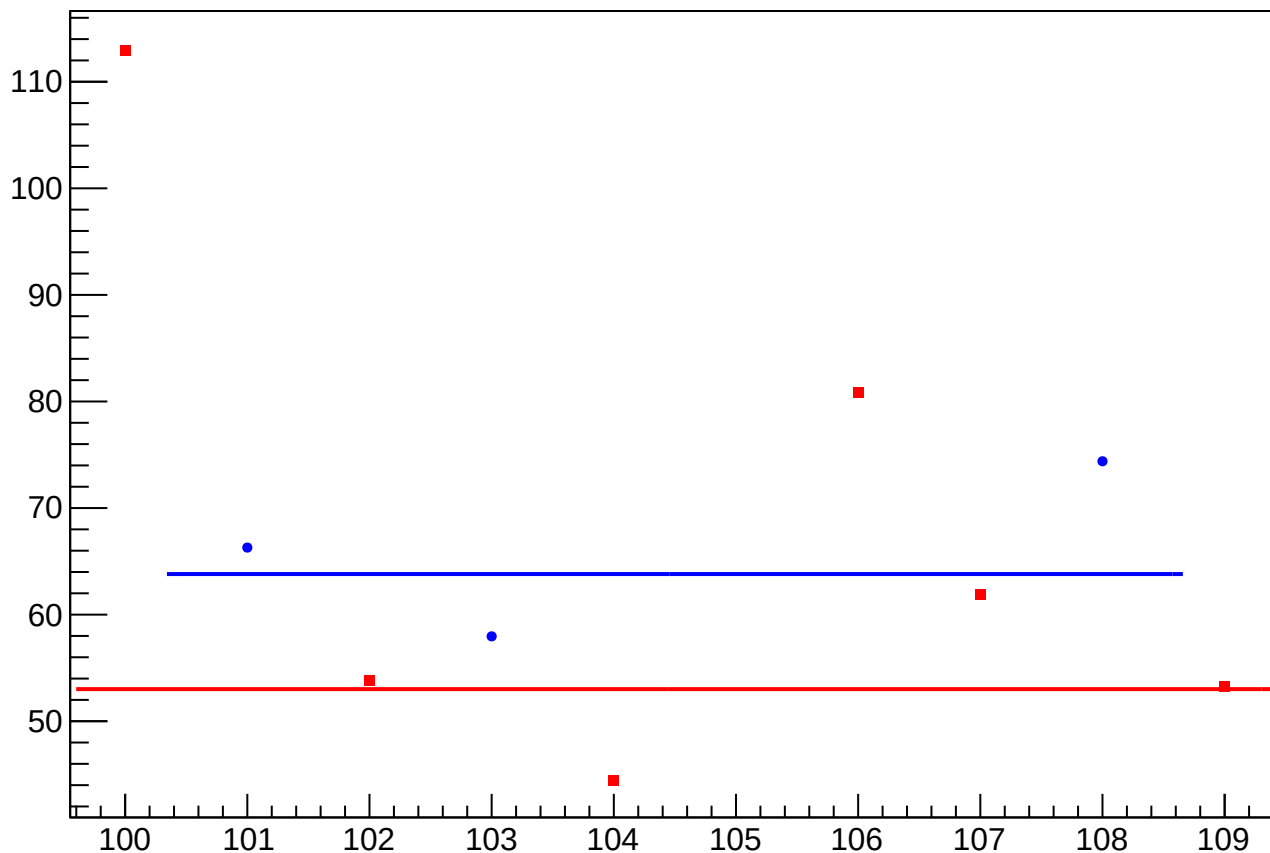
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 10.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.807 $\pm$ 0.036 χ^2 /NDF: 28361.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.010 $\pm$ 0.026 χ^2 /NDF: 138855.2/5

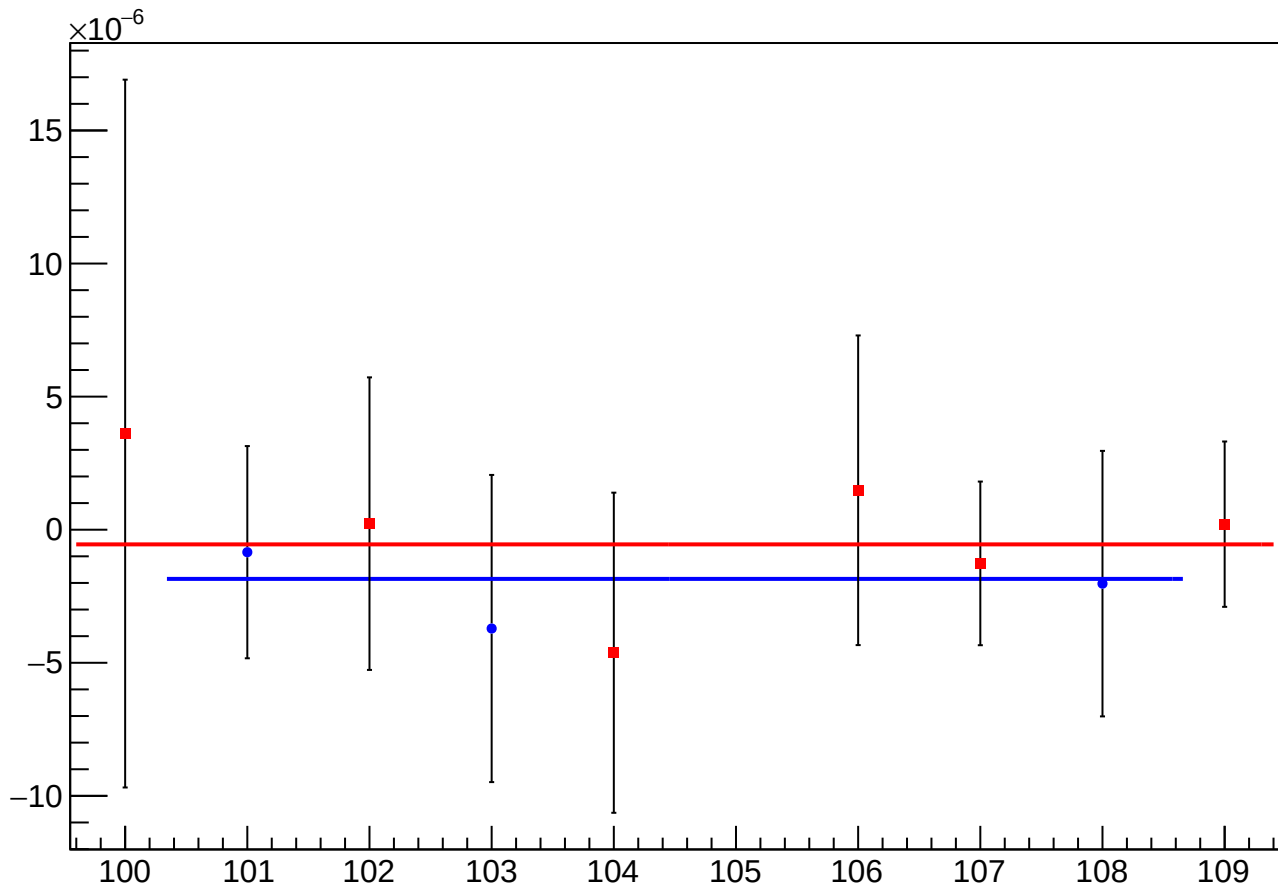
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.678 $\pm$ 0.021 χ^2 /NDF: 225722.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 0.8/5

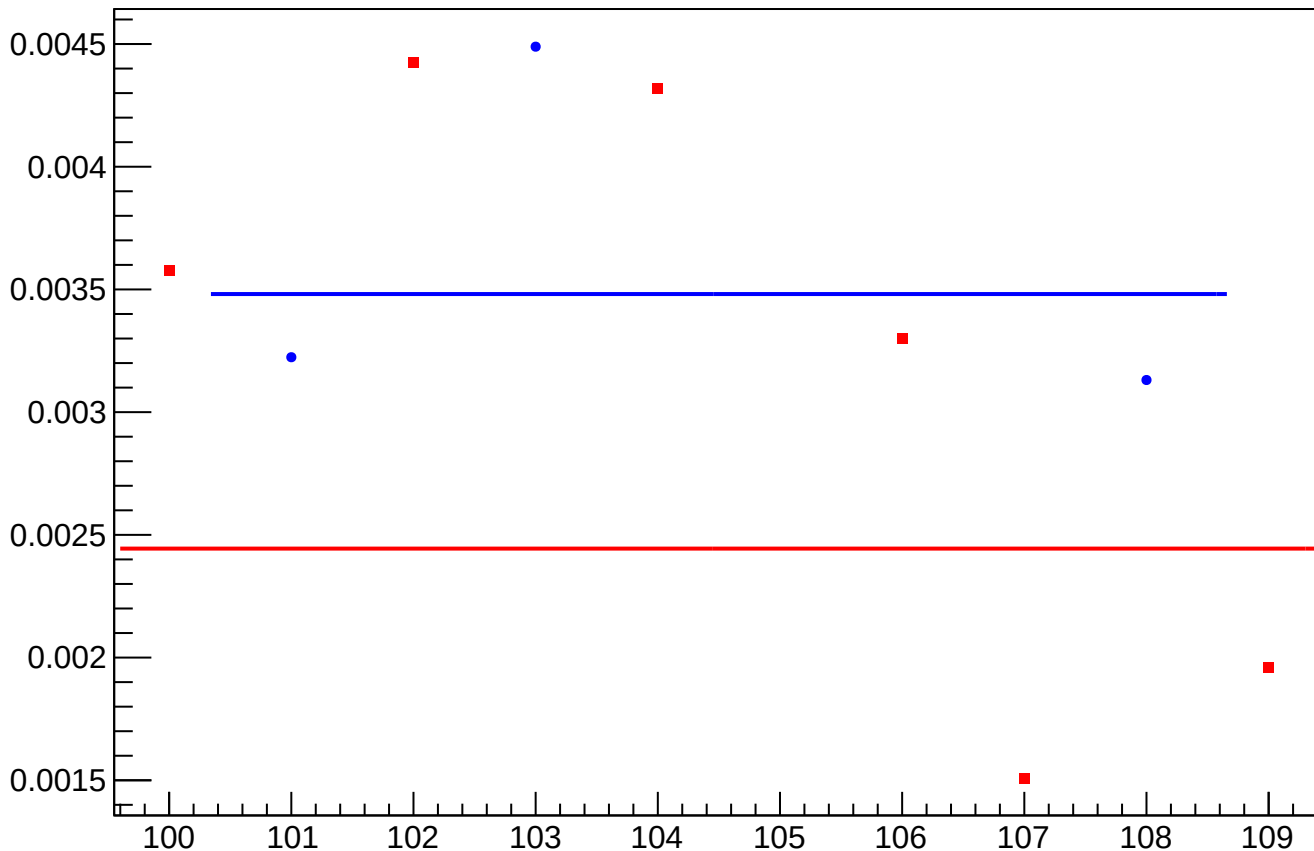
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003 $\pm$ 0.000 χ^2 /NDF: 79223.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 746369.2/5

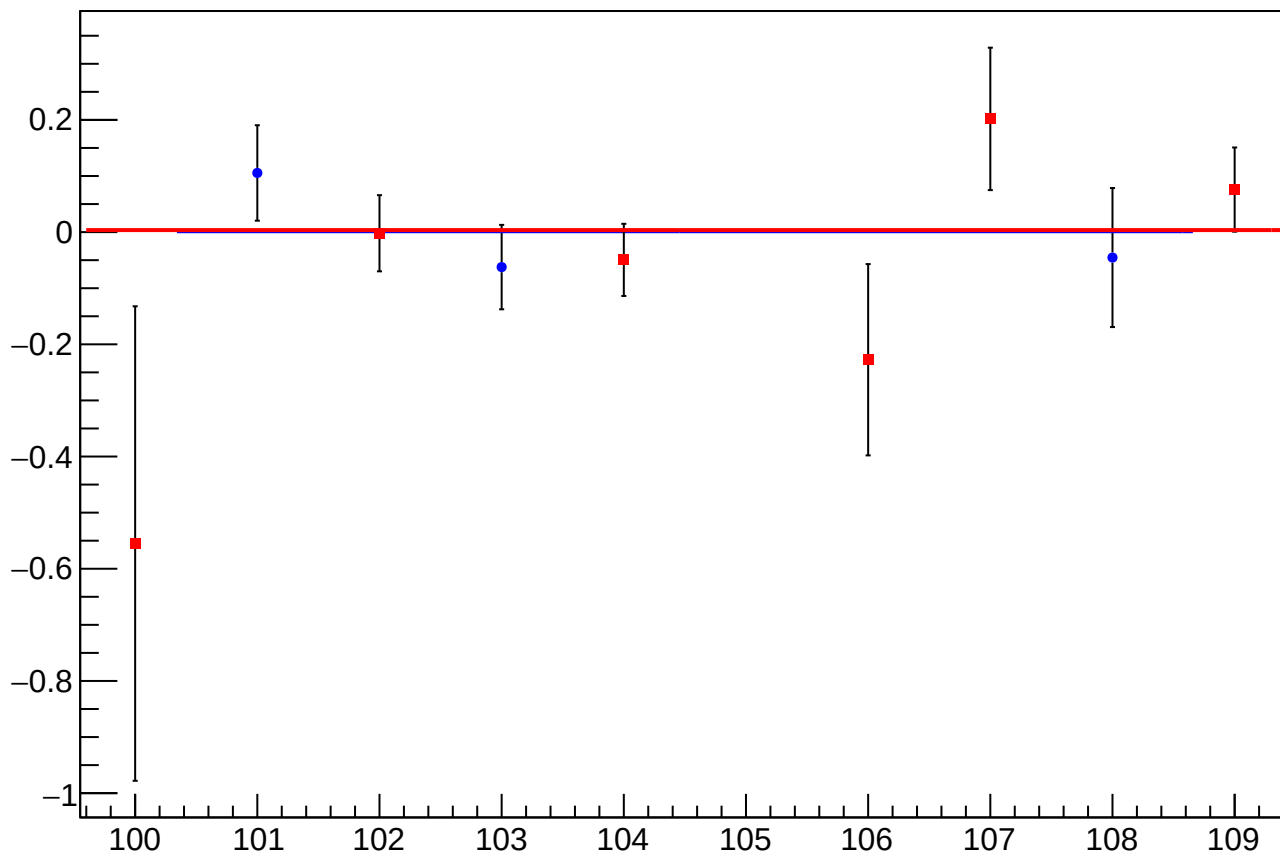
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.000 χ^2 /NDF: 1025080.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

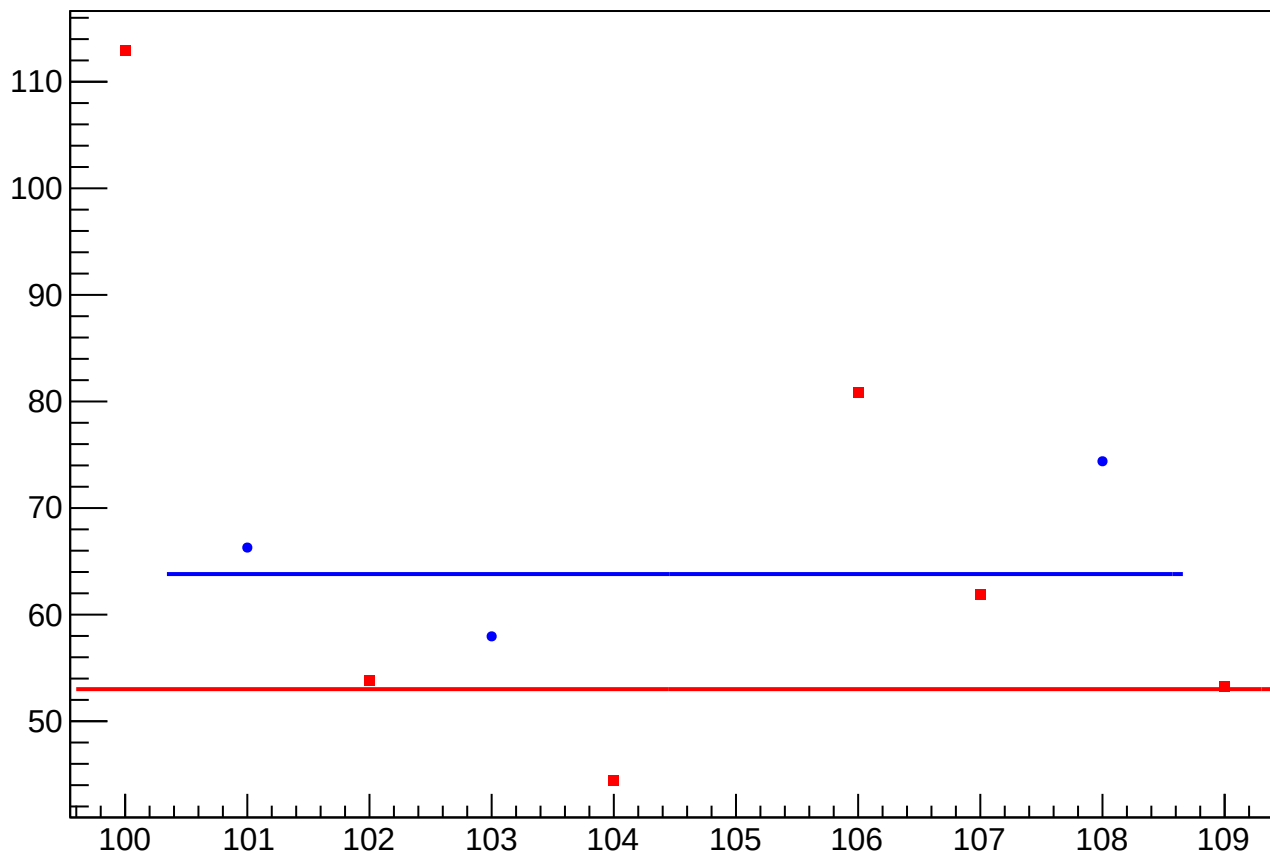
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 10.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 63.807+/-0.036 χ^2/NDF : 28372.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.009+/-0.026 χ^2/NDF : 138848.5/5

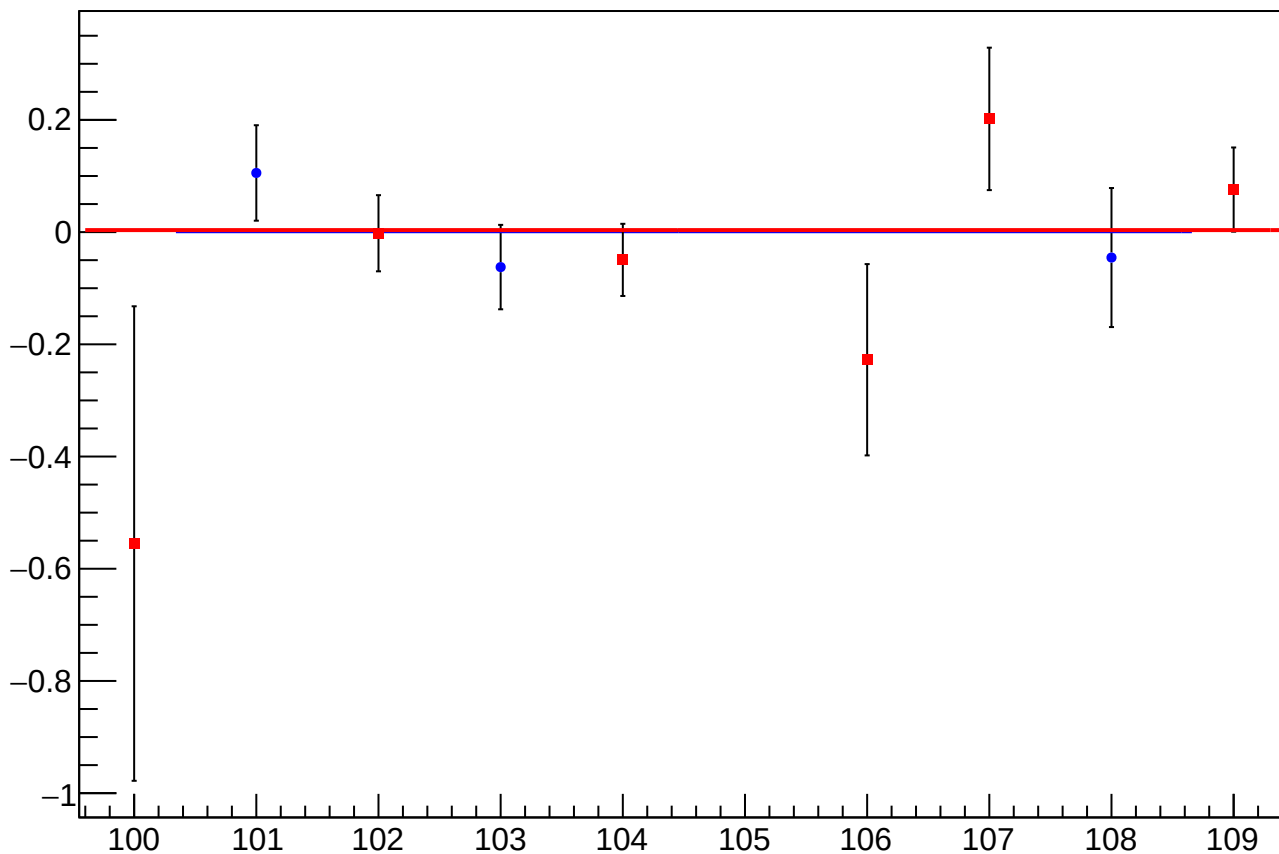
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.677+/-0.021 χ^2/NDF : 225729.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.051 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.037 χ^2 /NDF: 7.6/5

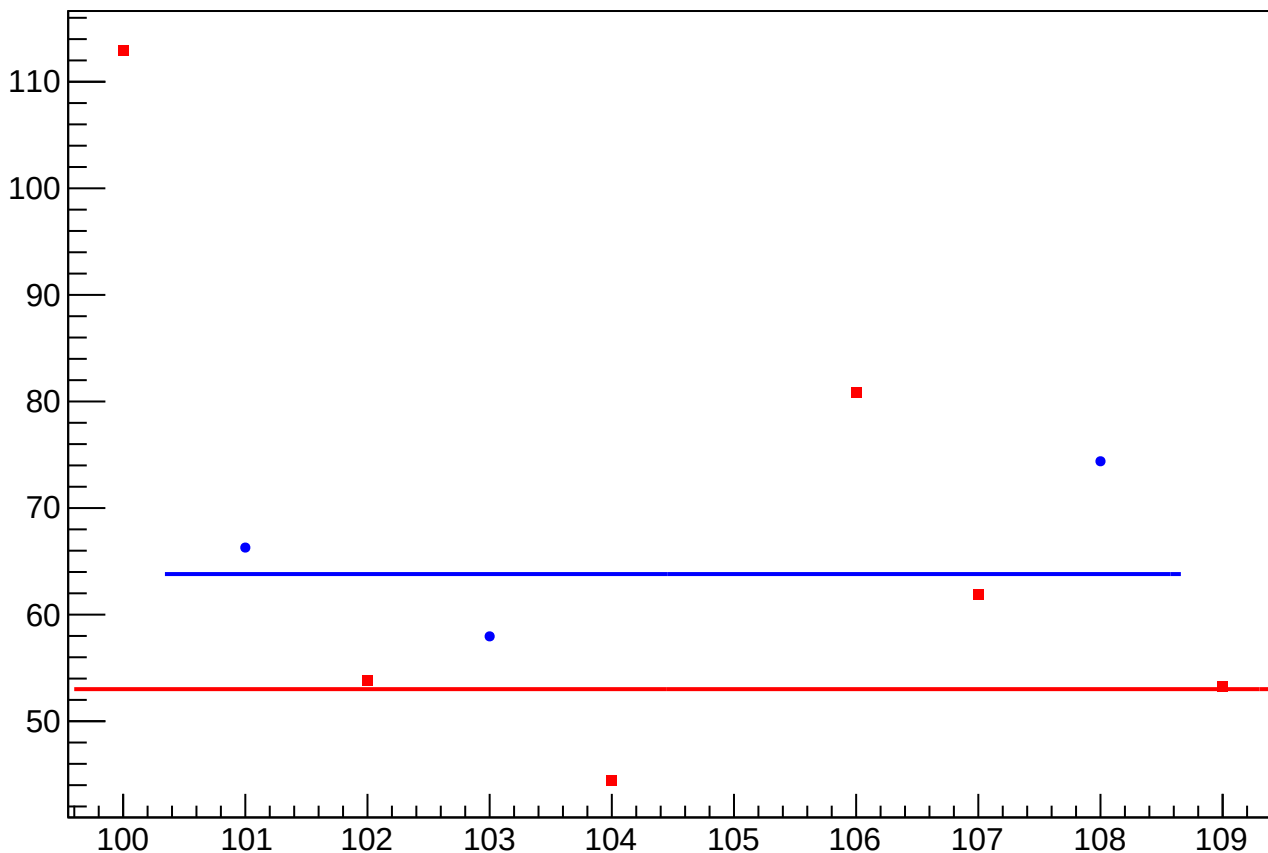
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.003 $\pm$ 0.030 χ^2 /NDF: 10.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 63.807+/-0.036 χ^2/NDF : 28372.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.009+/-0.026 χ^2/NDF : 138848.5/5

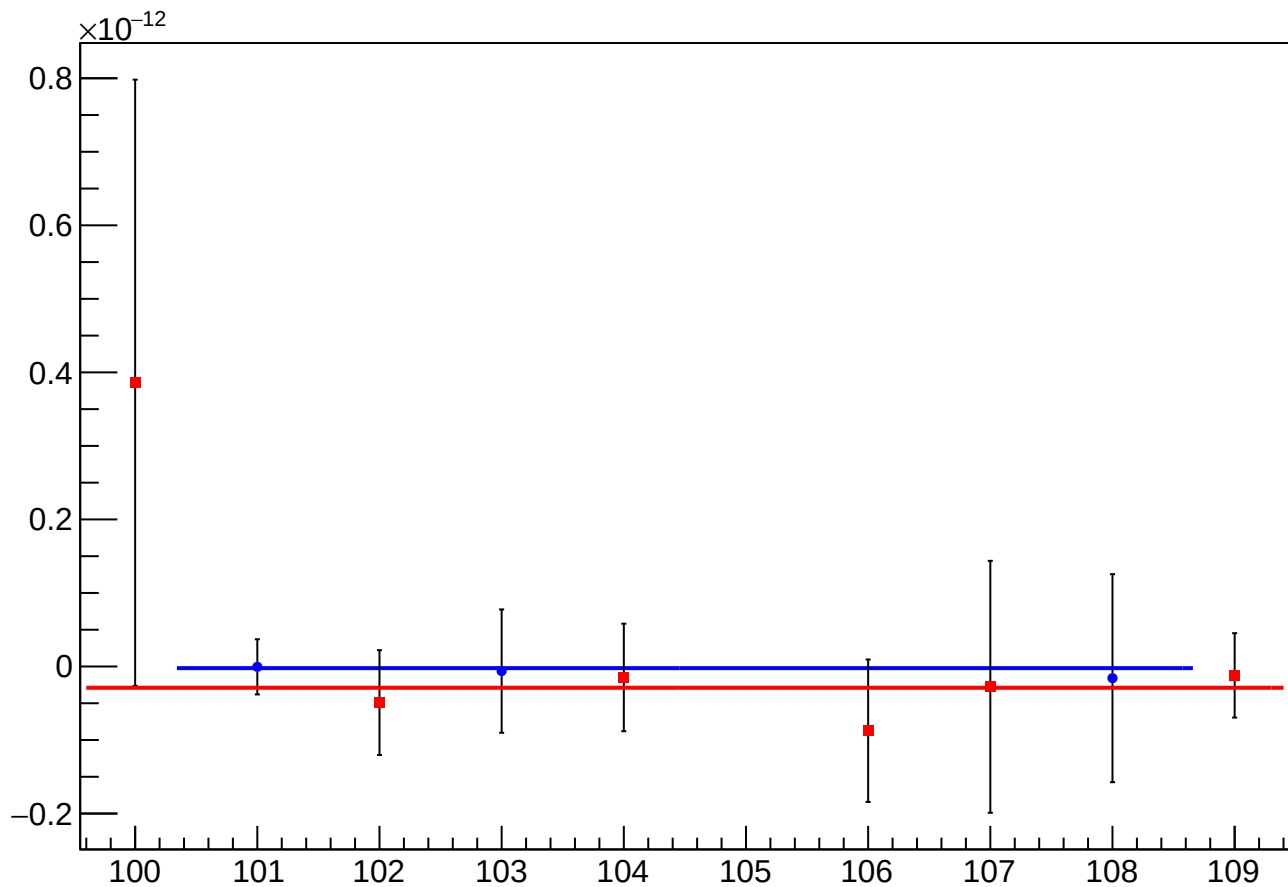
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.677+/-0.021 χ^2/NDF : 225729.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.6/5

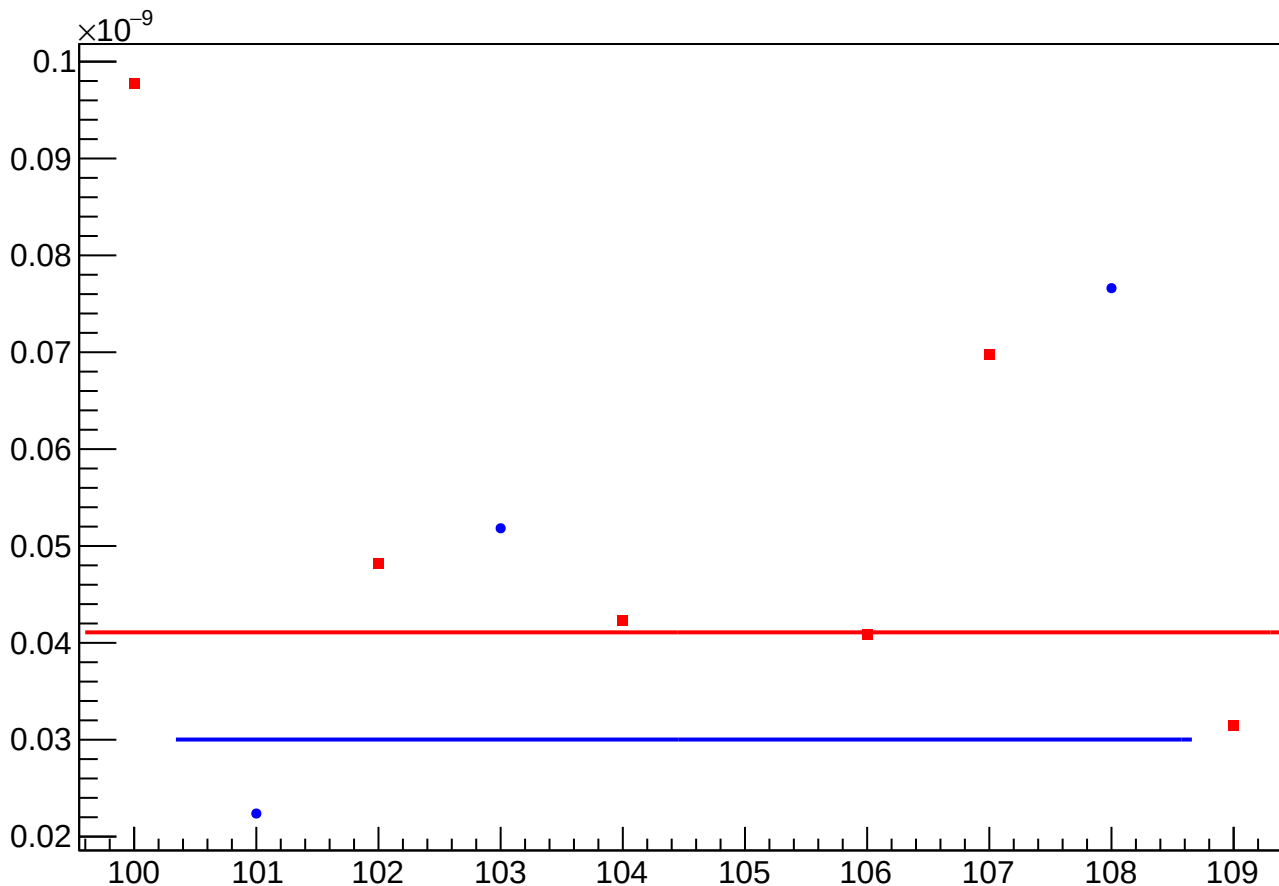
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 434969.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 169966.1/5

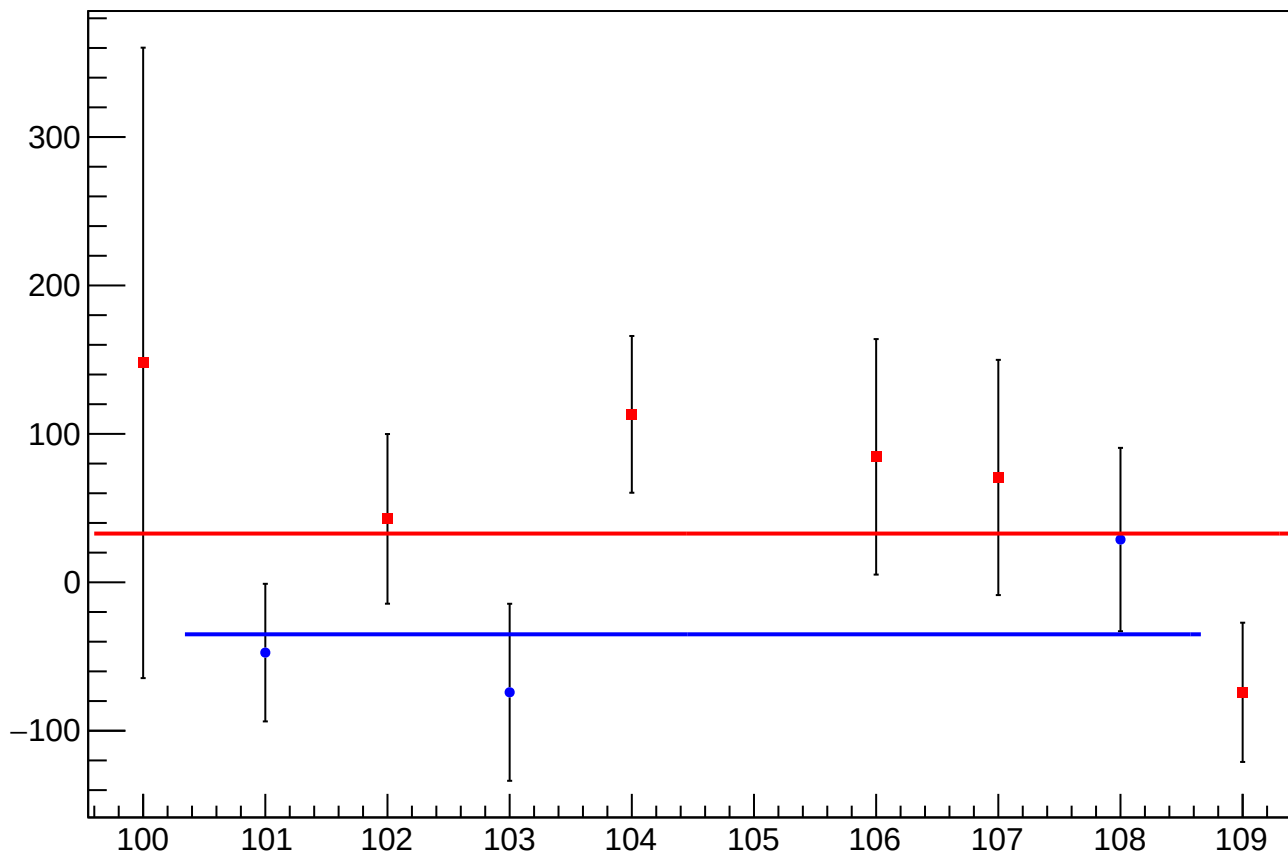
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 711041.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -35.027 ± 31.486 χ^2/NDF : 1.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.847 ± 26.175 χ^2/NDF : 8.5/5

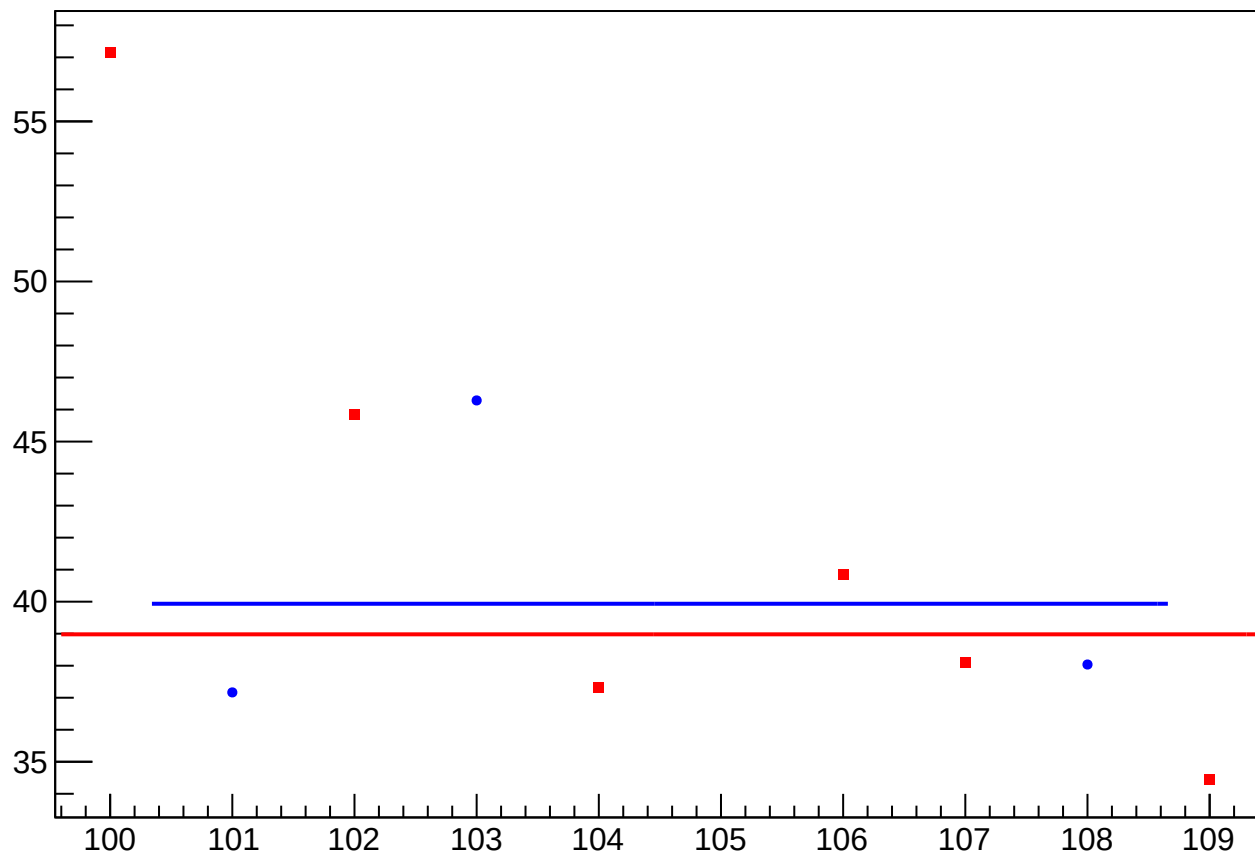
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.109 ± 20.128 χ^2/NDF : 12.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 39.935+/-0.022 χ^2/NDF : 31705.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.980+/-0.019 χ^2/NDF : 65475.7/5

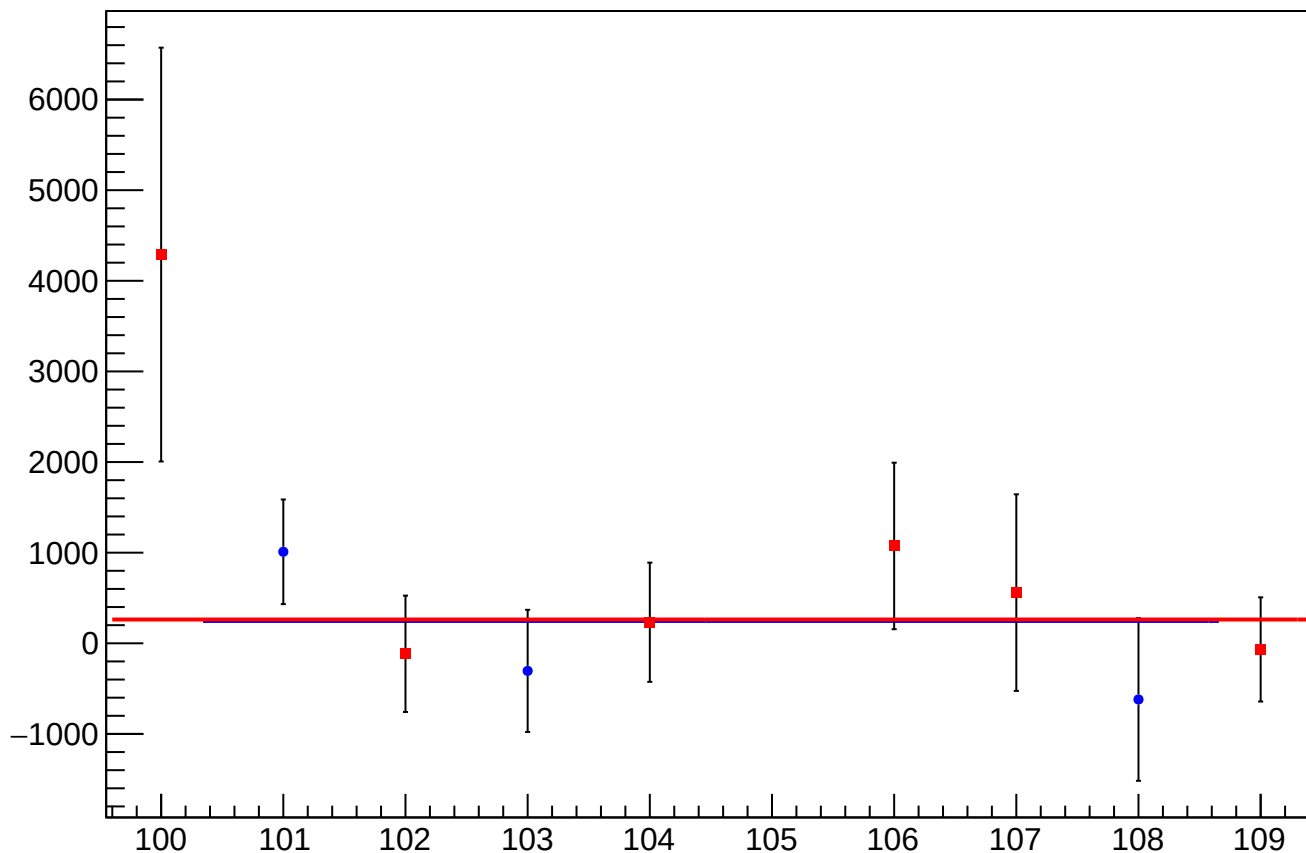
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.370+/-0.014 χ^2/NDF : 98268.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_mean vs Slug



Right In: 246.626 $\pm$ 393.938 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 262.474 $\pm$ 316.352 χ^2 /NDF: 4.6/5

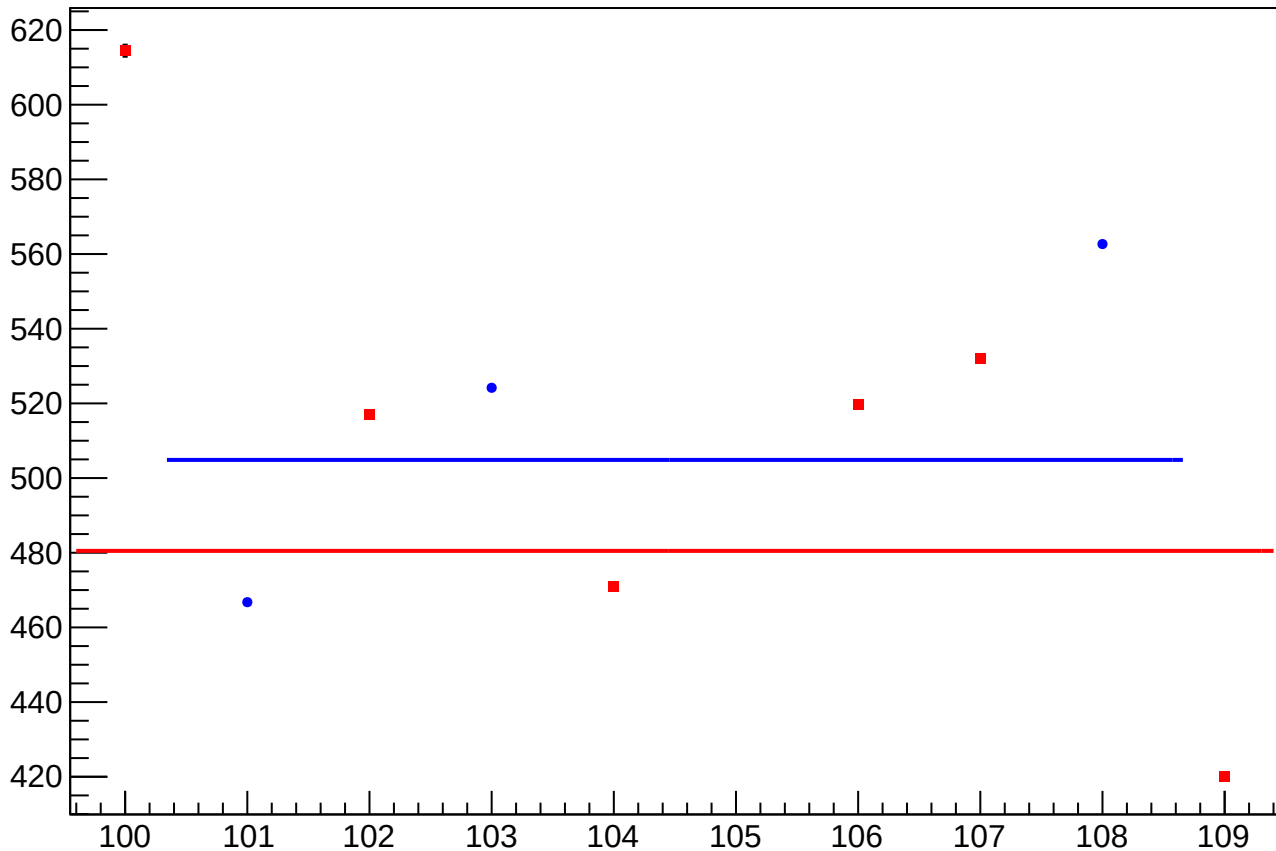
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.261 $\pm$ 246.662 χ^2 /NDF: 8.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_correction_rms vs Slug



Right In: 504.862 $\pm$ 0.279 χ^2 /NDF: 18660.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 480.494 $\pm$ 0.224 χ^2 /NDF: 44024.4/5

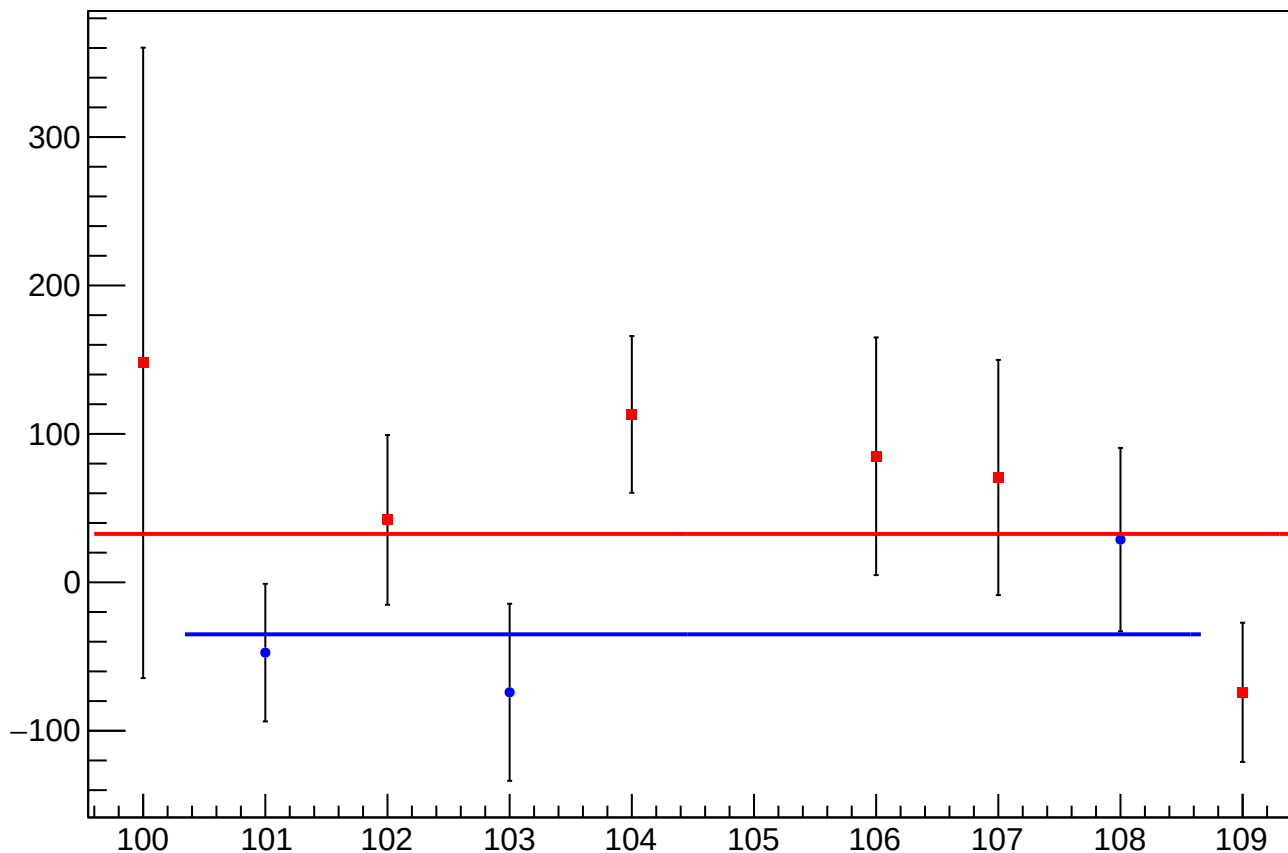
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 490.048 $\pm$ 0.174 χ^2 /NDF: 67337.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -35.023 ± 31.486 χ^2/NDF : 1.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.637 ± 26.204 χ^2/NDF : 8.5/5

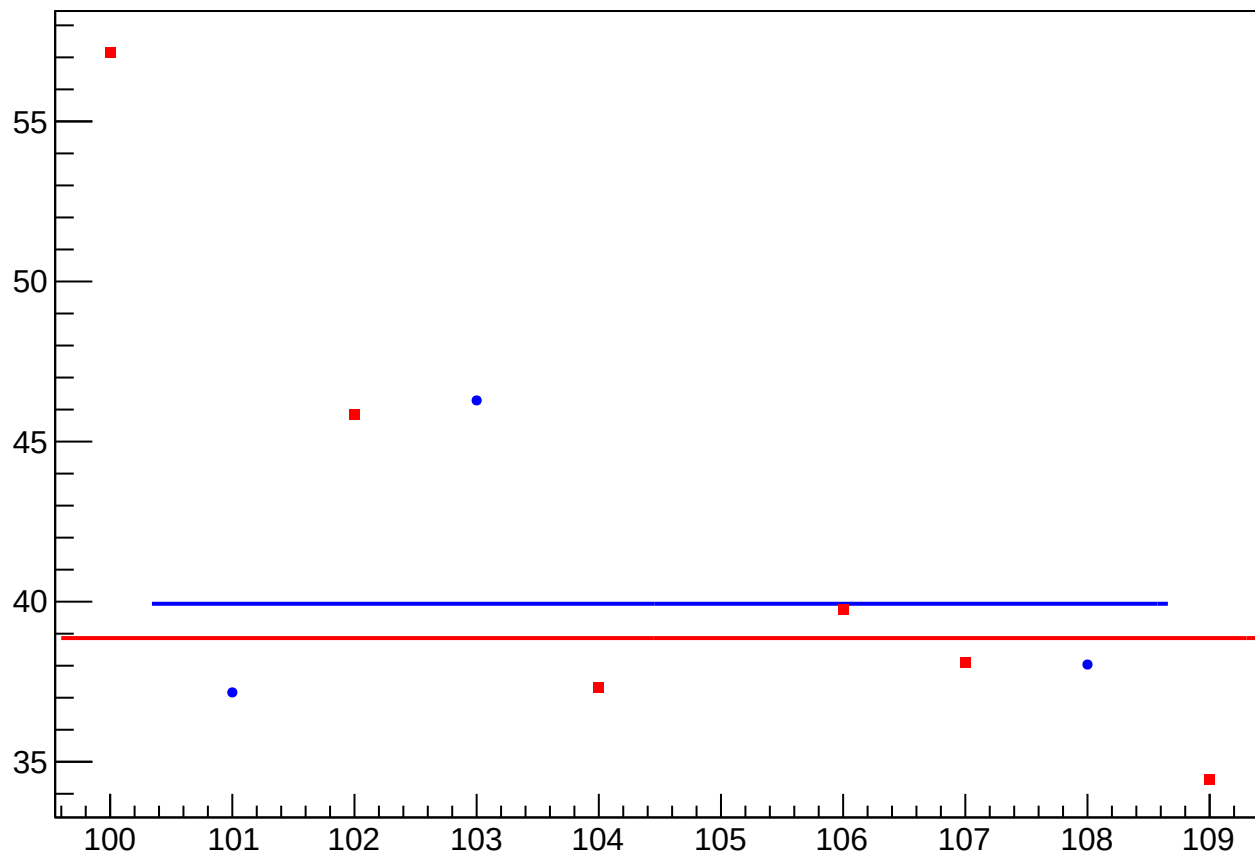
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.951 ± 20.141 χ^2/NDF : 12.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 39.935 $\pm$ 0.022 χ^2 /NDF: 31706.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.863 $\pm$ 0.019 χ^2 /NDF: 64652.2/5

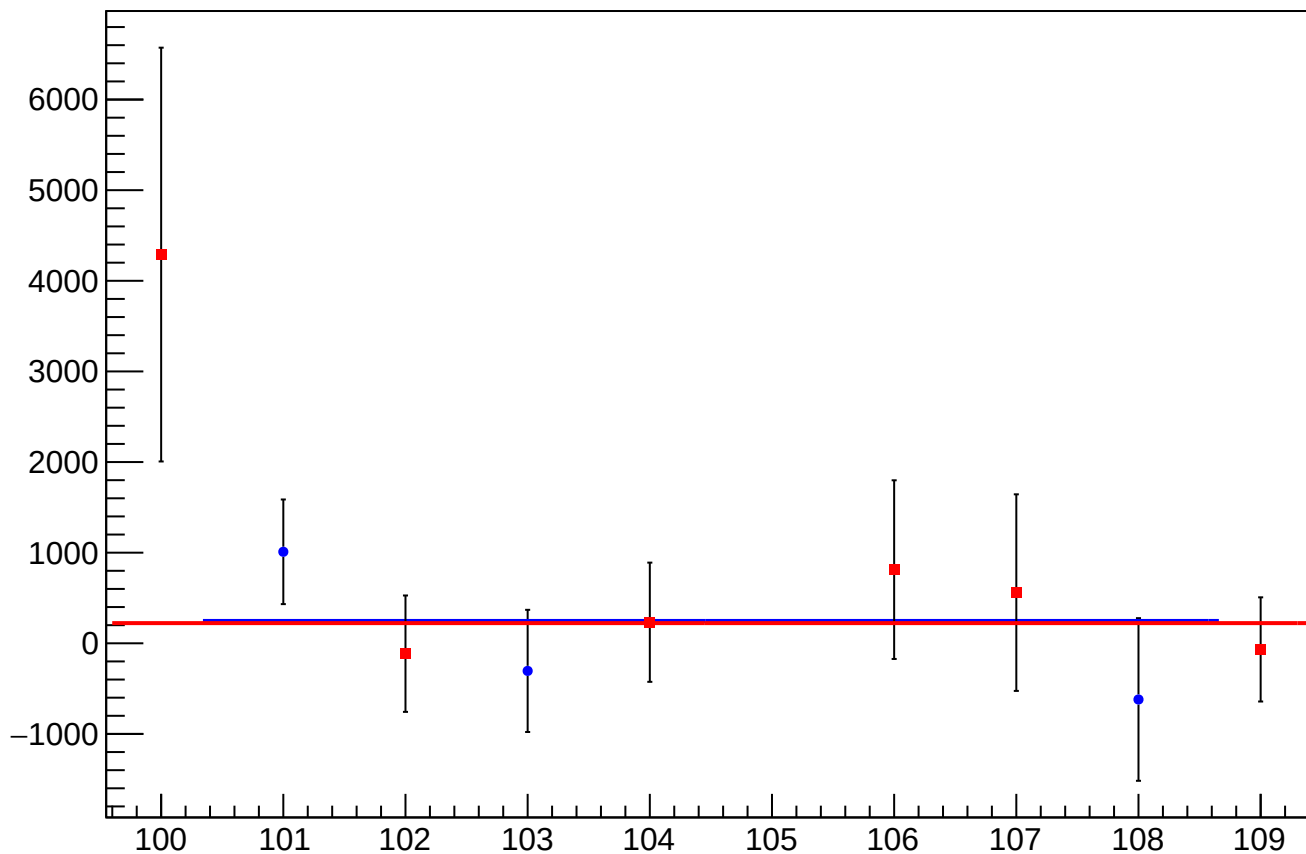
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.302 $\pm$ 0.014 χ^2 /NDF: 97728.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_mean vs Slug



Right In: 246.575 $\pm$ 393.945 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 222.744 $\pm$ 318.886 χ^2 /NDF: 4.2/5

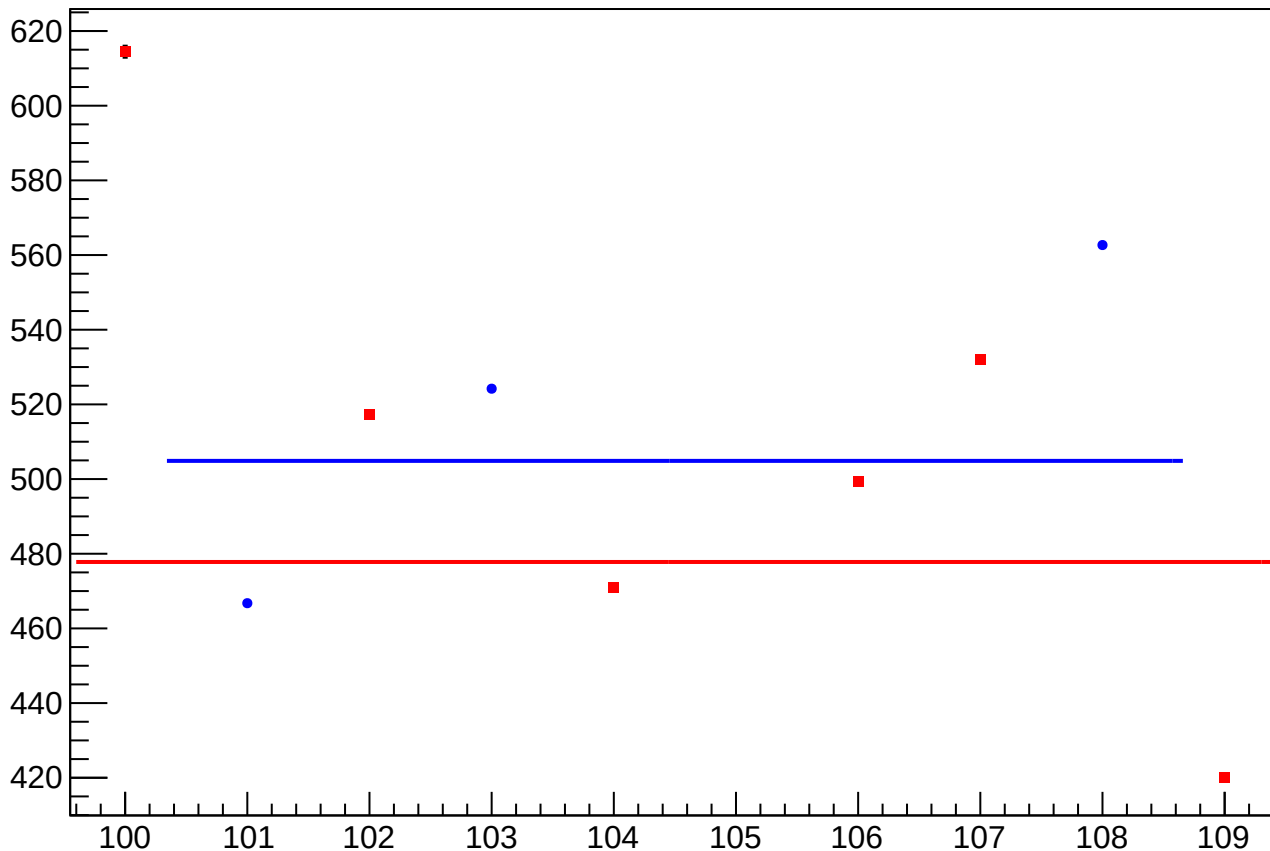
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.178 $\pm$ 247.859 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_rms vs Slug



Right In: 504.870 $\pm$ 0.279 χ^2 /NDF: 18664.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 477.793 $\pm$ 0.225 χ^2 /NDF: 41032.3/5

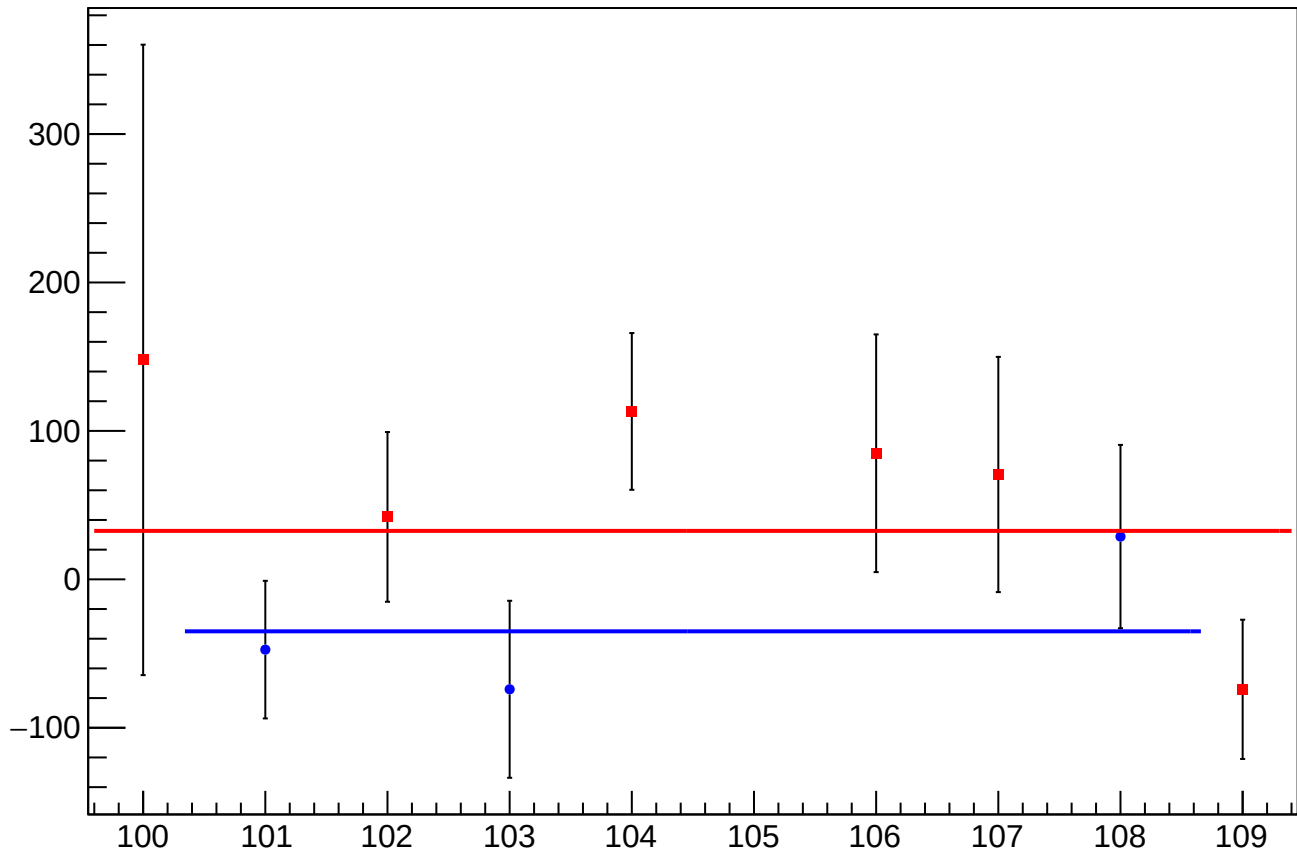
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 488.512 $\pm$ 0.175 χ^2 /NDF: 65404.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -35.023+/-31.486 χ^2/NDF : 1.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.637+/-26.204 χ^2/NDF : 8.5/5

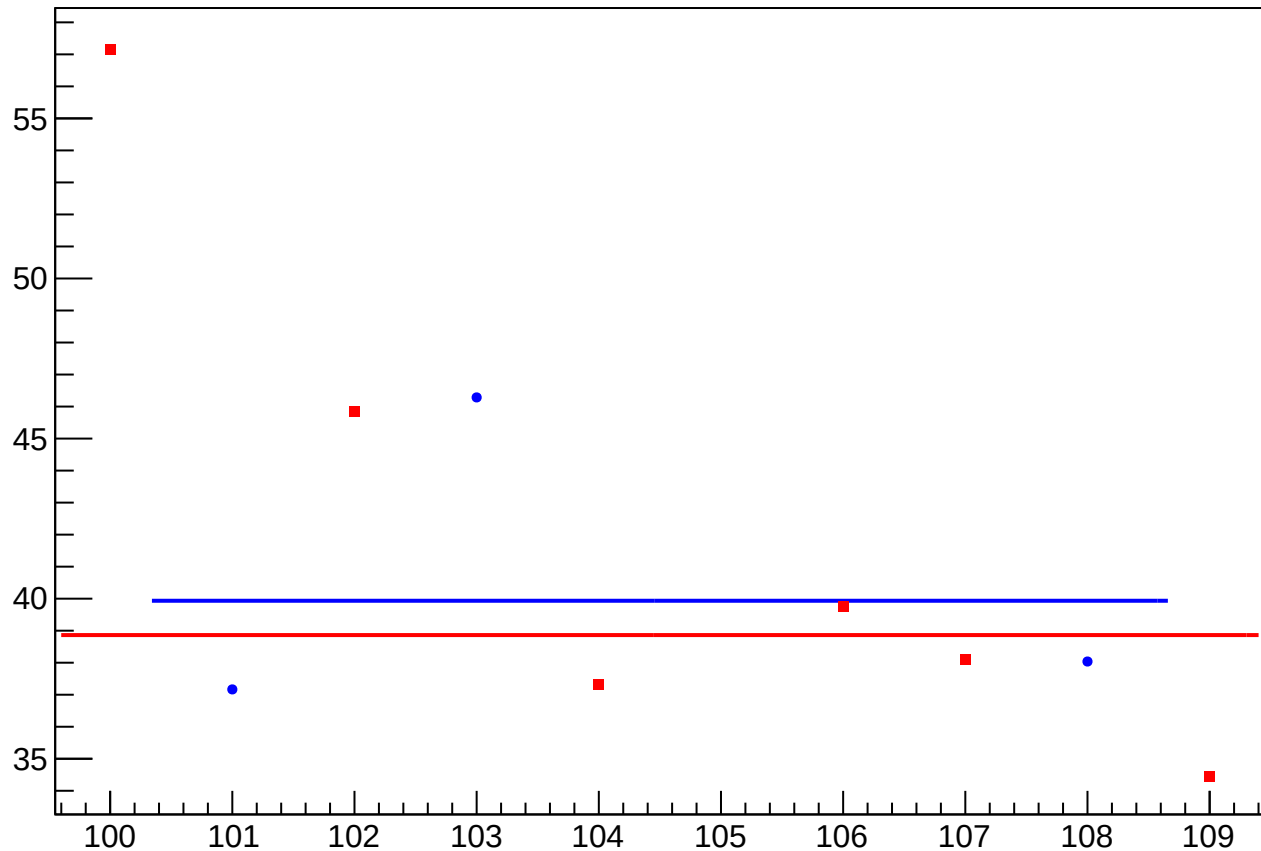
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.951+/-20.141 χ^2/NDF : 12.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 39.935 $\pm$ 0.022 χ^2 /NDF: 31706.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.863 $\pm$ 0.019 χ^2 /NDF: 64652.2/5

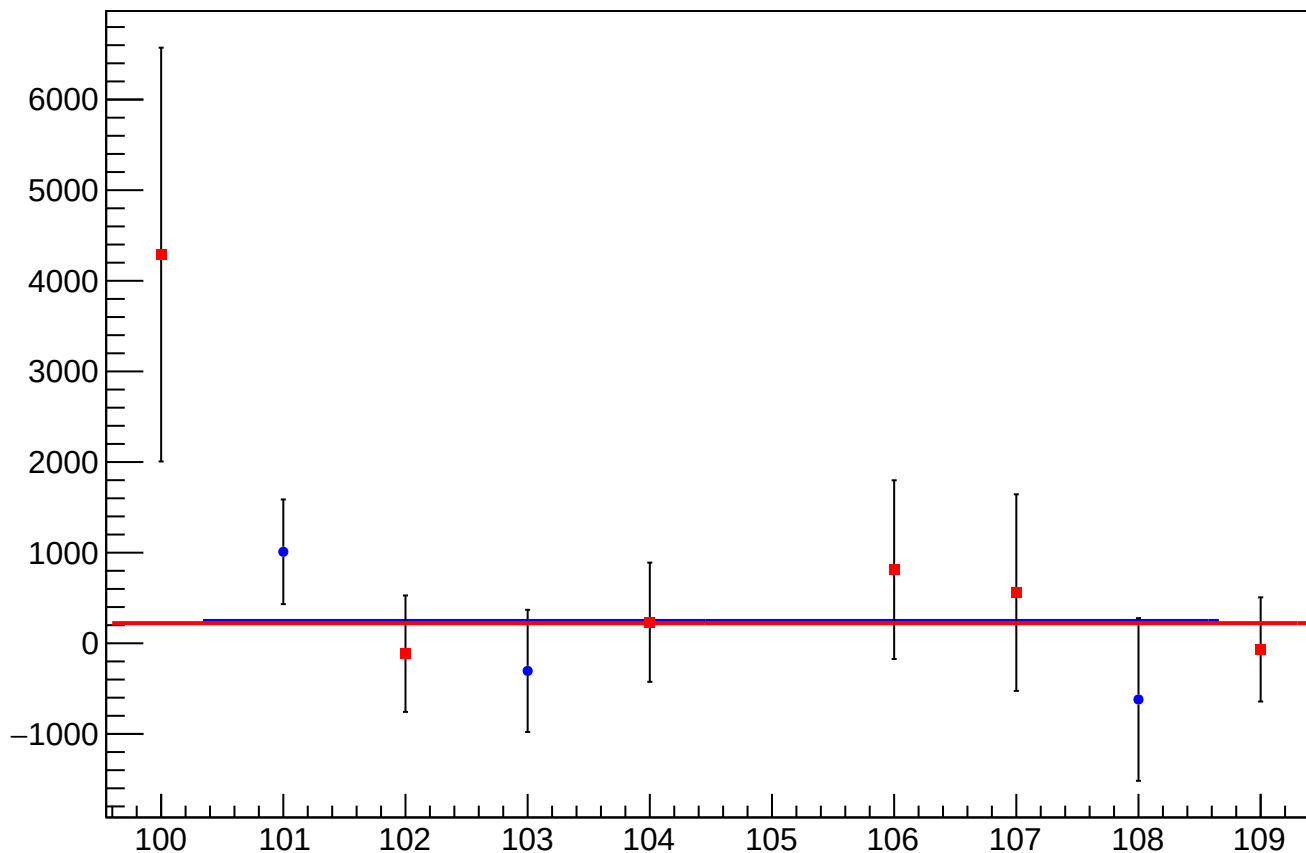
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.302 $\pm$ 0.014 χ^2 /NDF: 97728.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug



Right In: 246.575 $\pm$ 393.945 χ^2 /NDF: 3.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 222.744 $\pm$ 318.886 χ^2 /NDF: 4.2/5

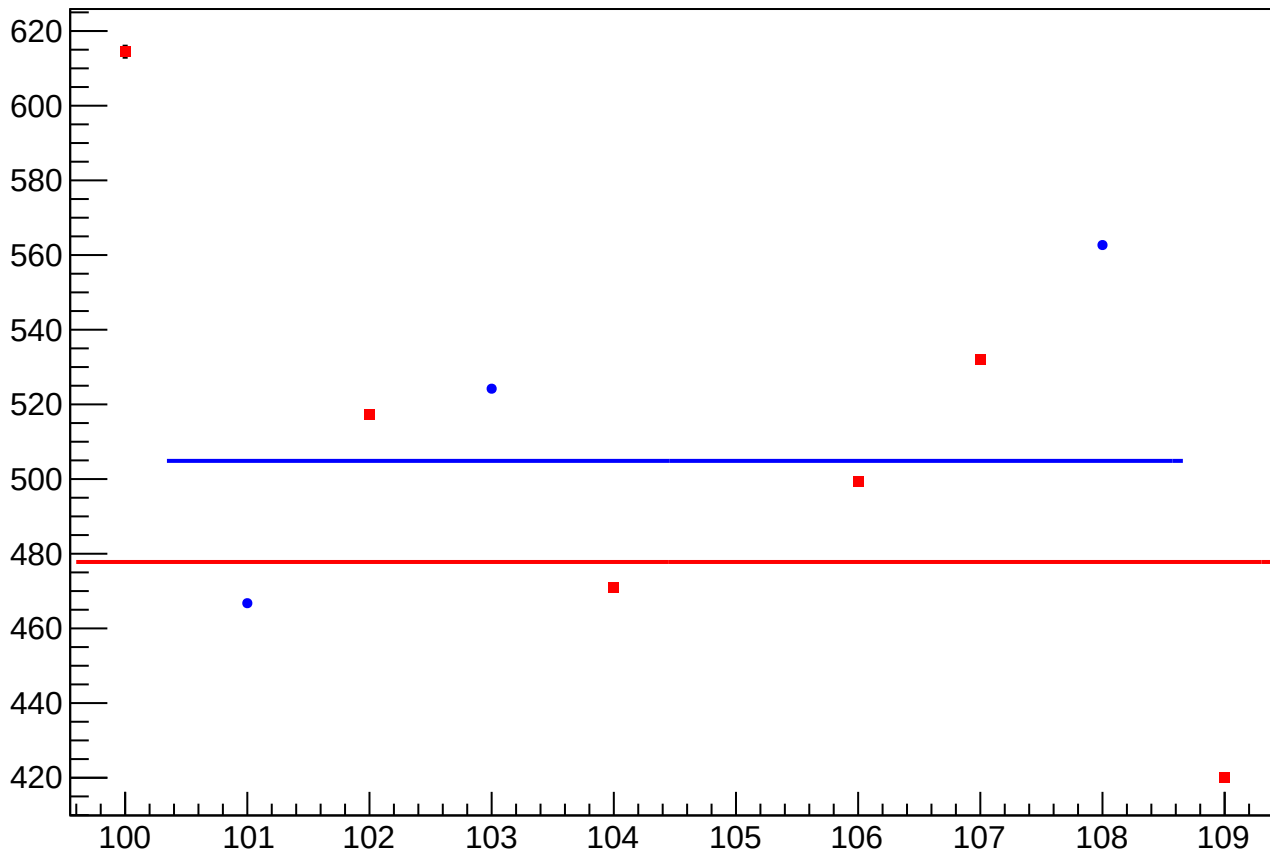
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 232.178 $\pm$ 247.859 χ^2 /NDF: 7.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug



Right In: 504.870 $\pm$ 0.279 χ^2 /NDF: 18664.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 477.793 $\pm$ 0.225 χ^2 /NDF: 41032.3/5

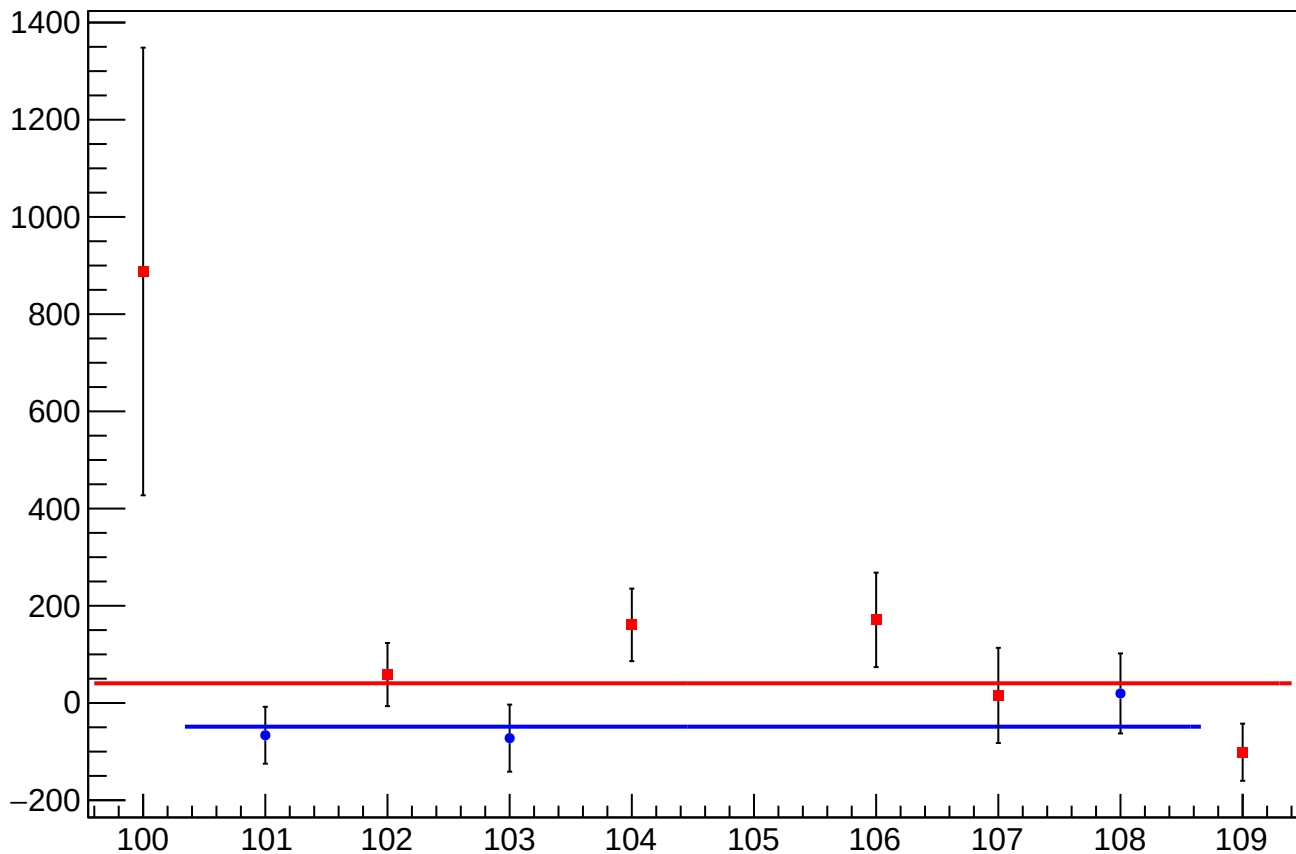
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 488.512 $\pm$ 0.175 χ^2 /NDF: 65404.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -48.709 ± 39.239 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 40.575 ± 32.958 χ^2/NDF : 13.7/5

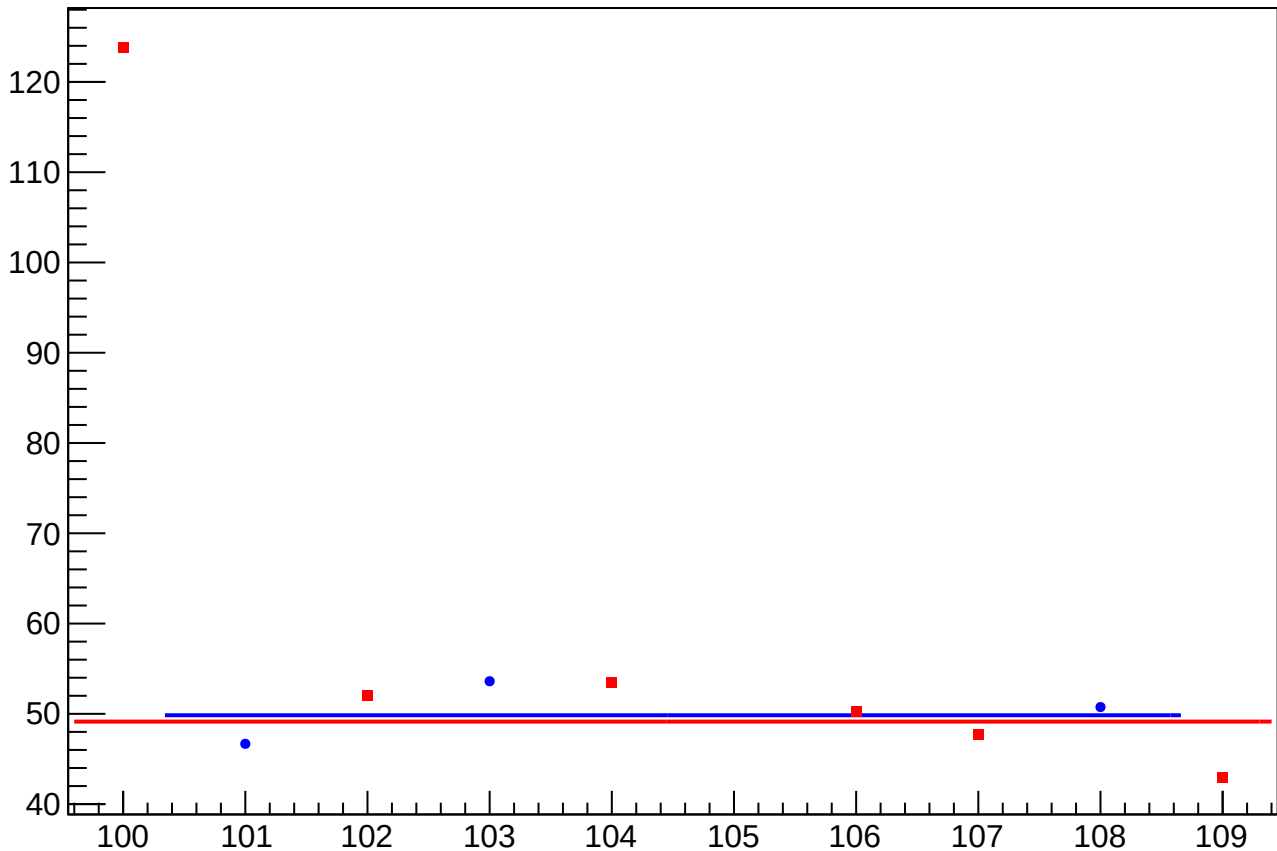
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.642 ± 25.237 χ^2/NDF : 17.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 49.845 $\pm$ 0.028 χ^2 /NDF: 12056.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.141 $\pm$ 0.023 χ^2 /NDF: 86181.1/5

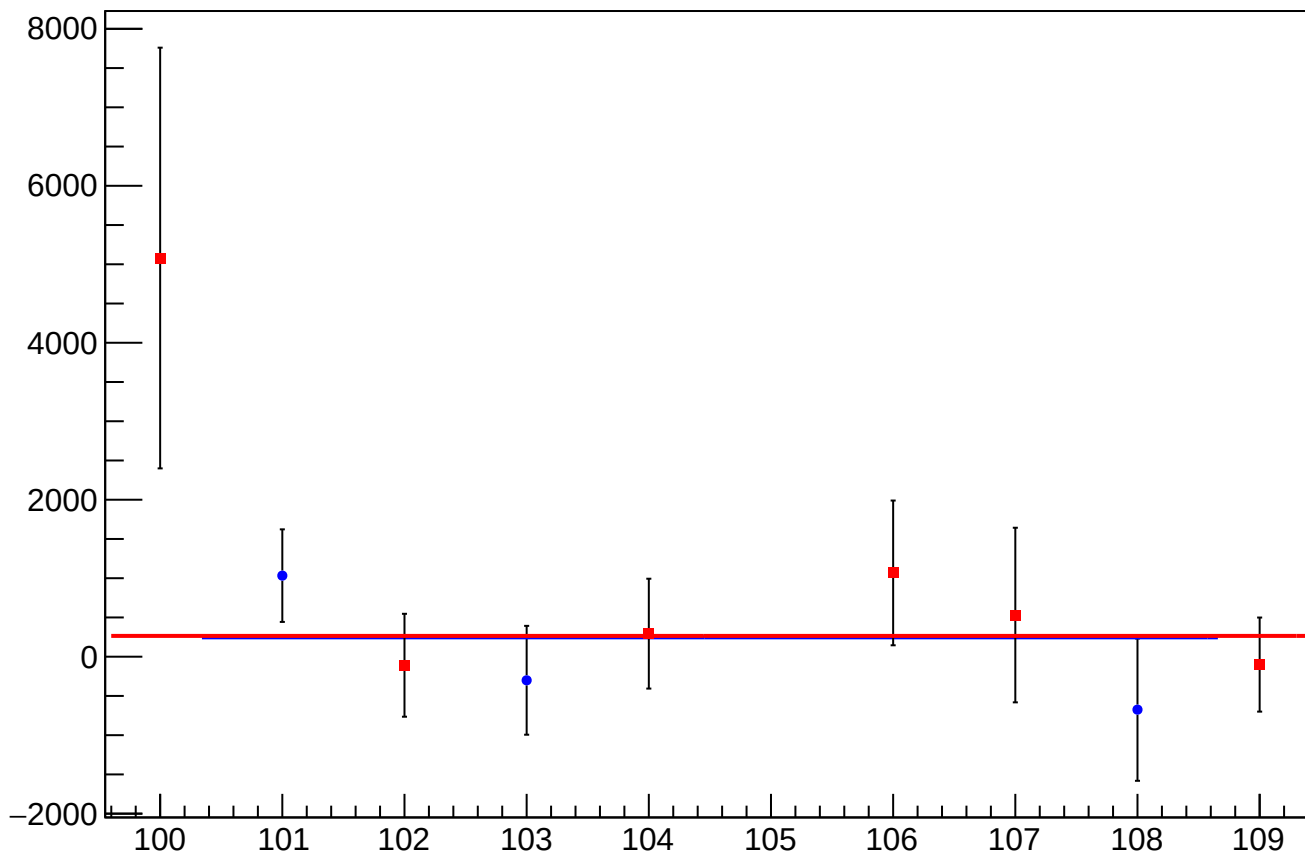
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.432 $\pm$ 0.018 χ^2 /NDF: 98615.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: 246.745+/-402.561 χ^2/NDF : 3.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 264.907+/-328.371 χ^2/NDF : 4.7/5

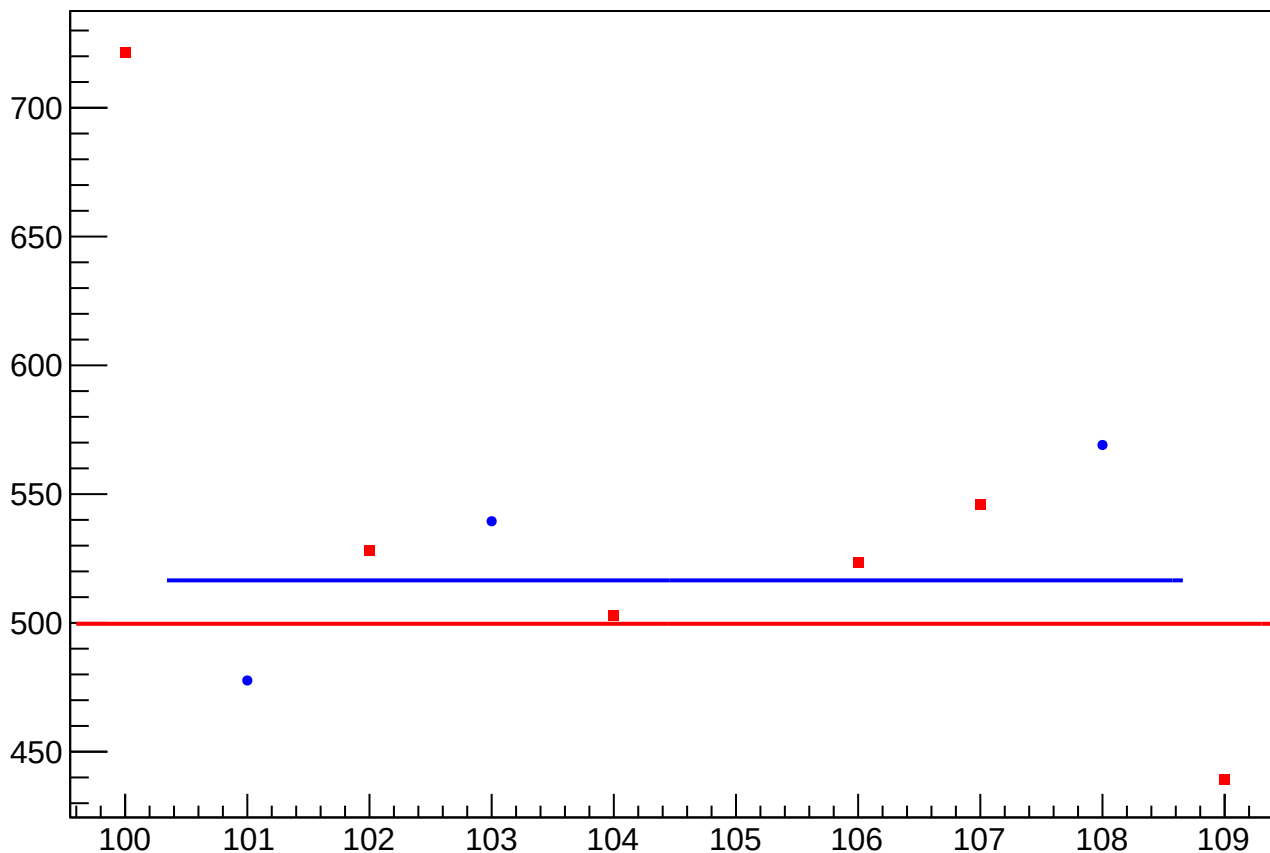
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.651+/-254.454 χ^2/NDF : 8.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_correction_rms vs Slug



Right In: 516.514 $\pm$ 0.285 χ^2 /NDF: 17601.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 499.667 $\pm$ 0.232 χ^2 /NDF: 42658.9/5

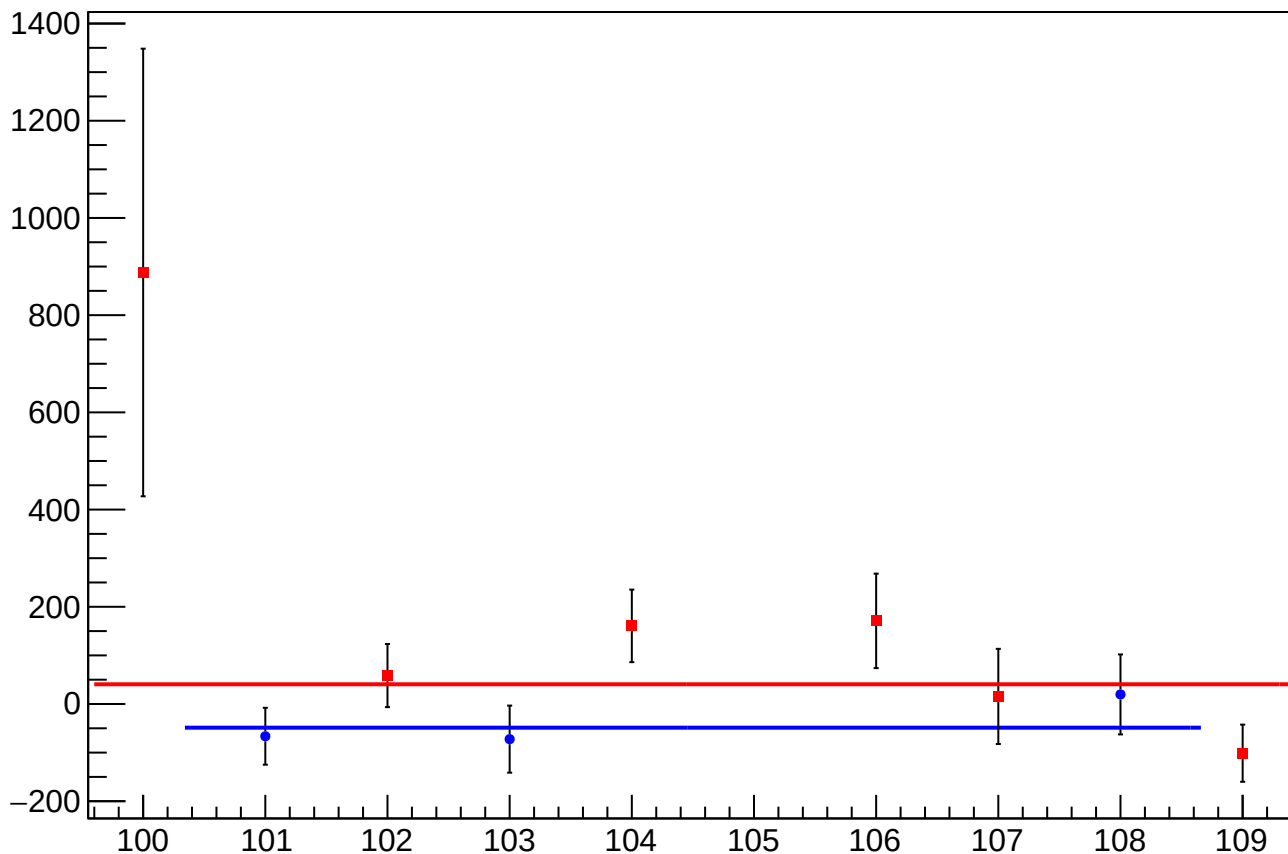
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 506.398 $\pm$ 0.180 χ^2 /NDF: 62364.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -48.708 $\pm$ 39.239 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.574 $\pm$ 32.958 χ^2 /NDF: 13.7/5

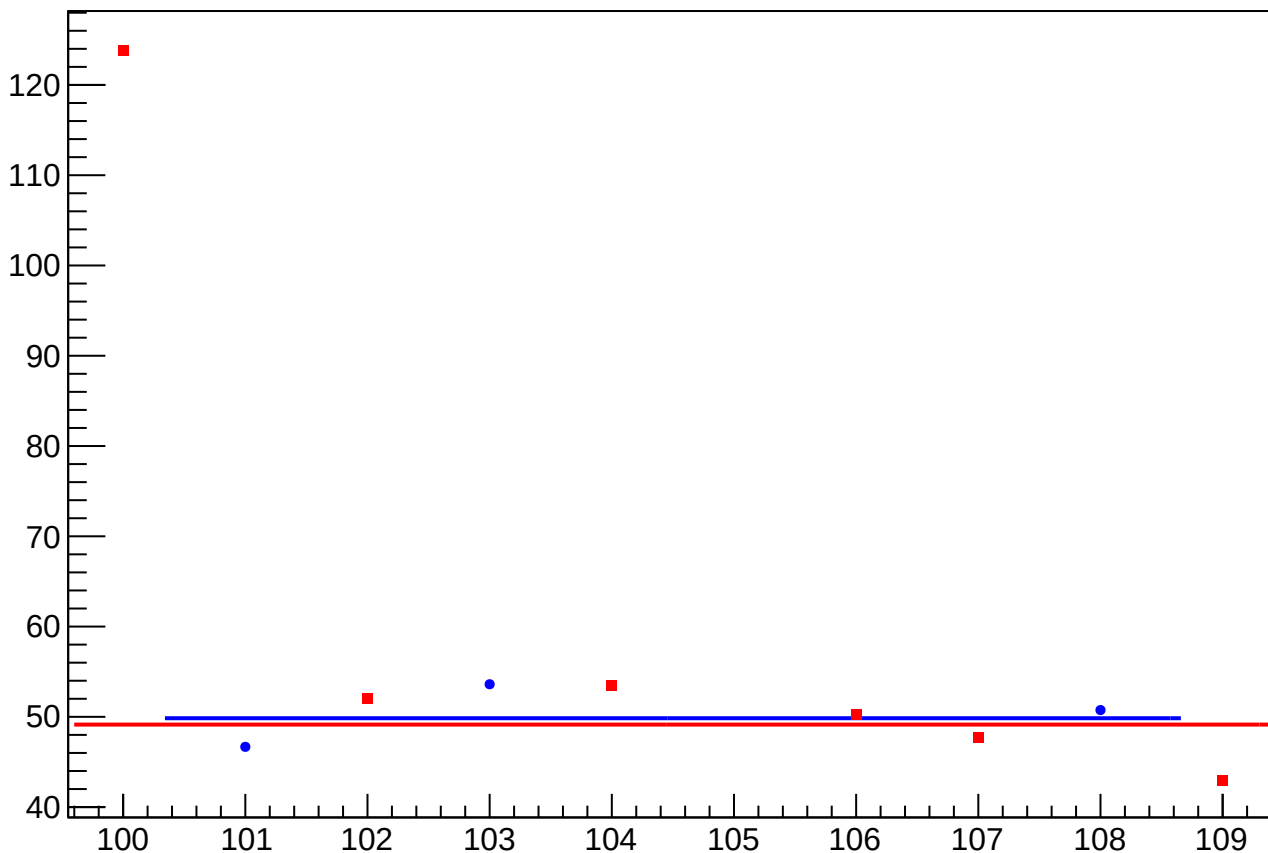
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.642 $\pm$ 25.237 χ^2 /NDF: 17.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 49.845 $\pm$ 0.028 χ^2 /NDF: 12054.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.140 $\pm$ 0.023 χ^2 /NDF: 86182.6/5

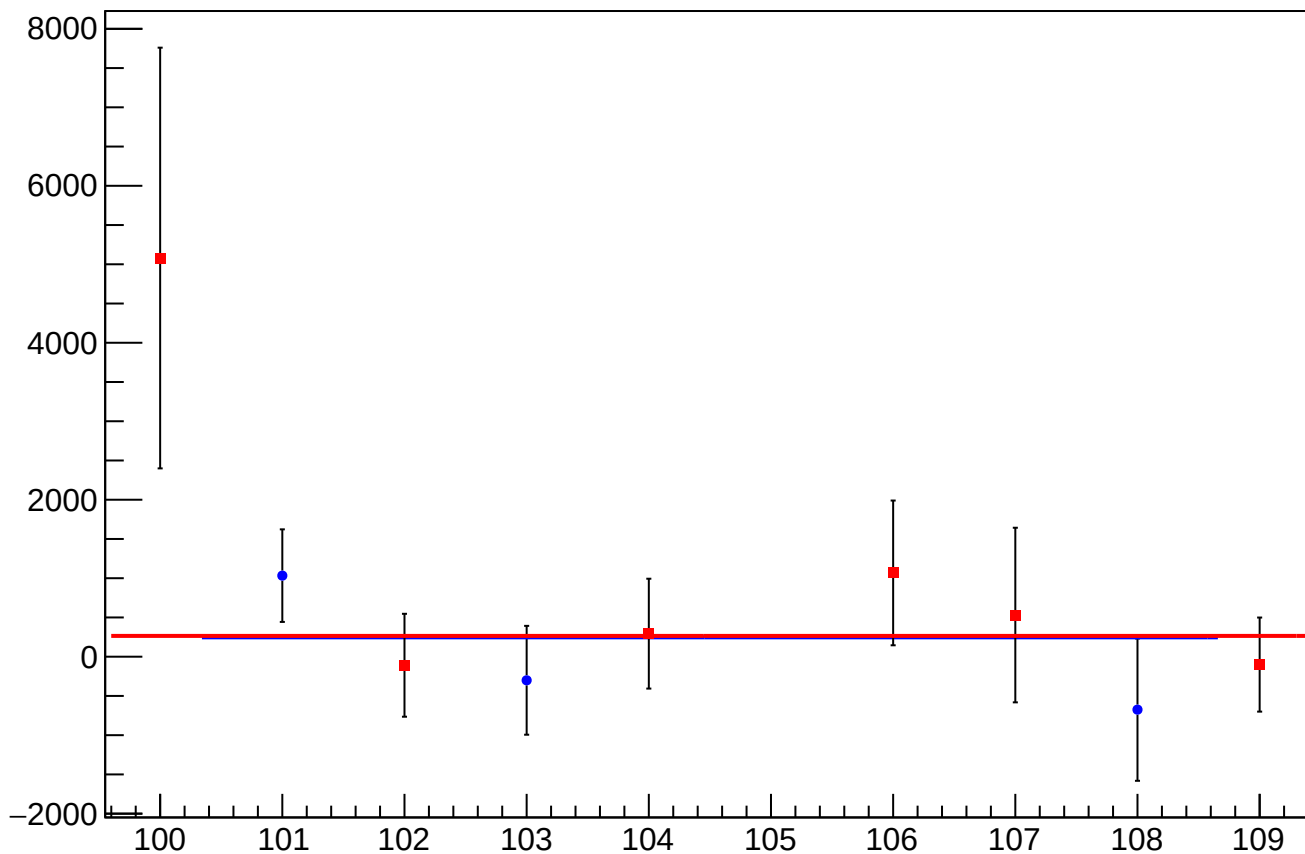
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.432 $\pm$ 0.018 χ^2 /NDF: 98615.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



Right In: 246.745 $\pm$ 402.561 χ^2 /NDF: 3.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 264.906 $\pm$ 328.370 χ^2 /NDF: 4.7/5

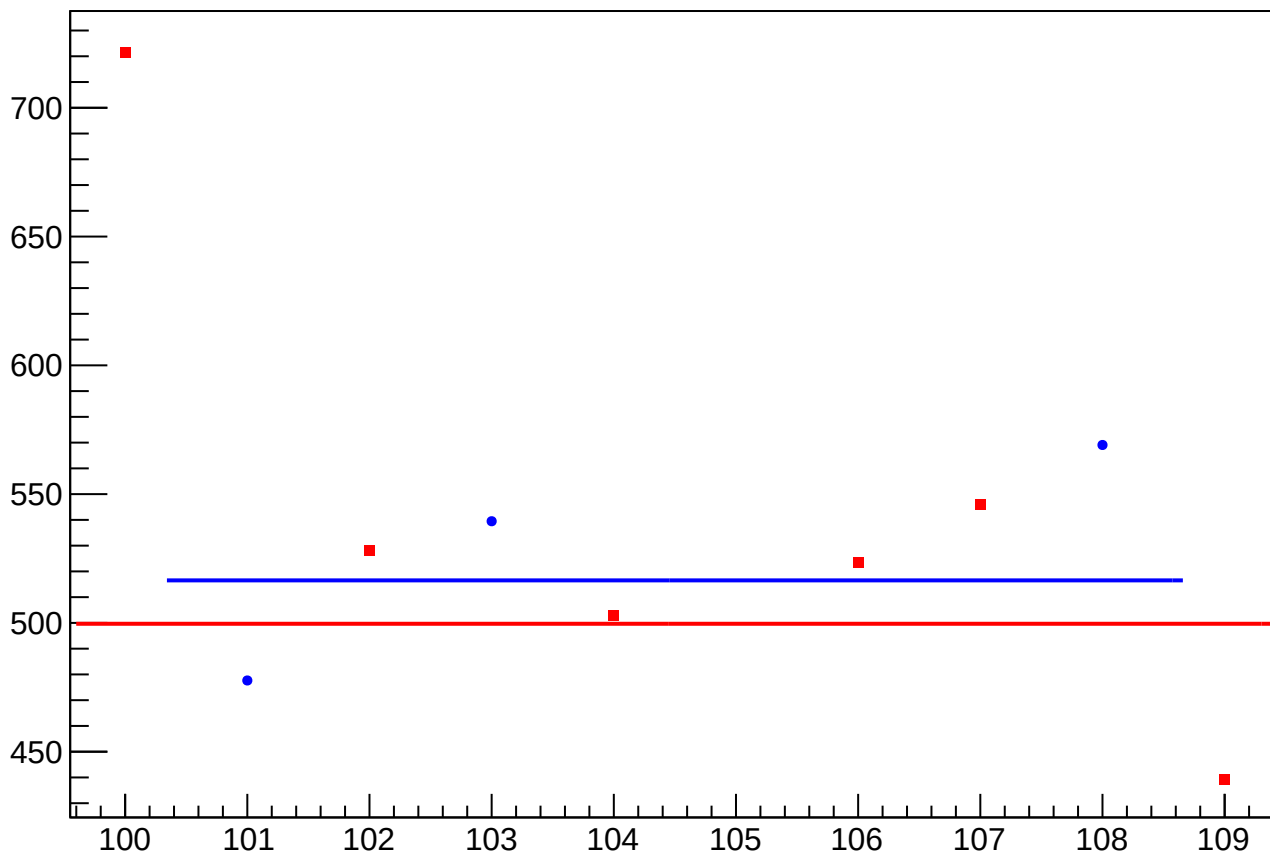
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 257.650 $\pm$ 254.453 χ^2 /NDF: 8.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug



Right In: 516.514 $\pm$ 0.285 χ^2 /NDF: 17601.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 499.666 $\pm$ 0.232 χ^2 /NDF: 42659.9/5

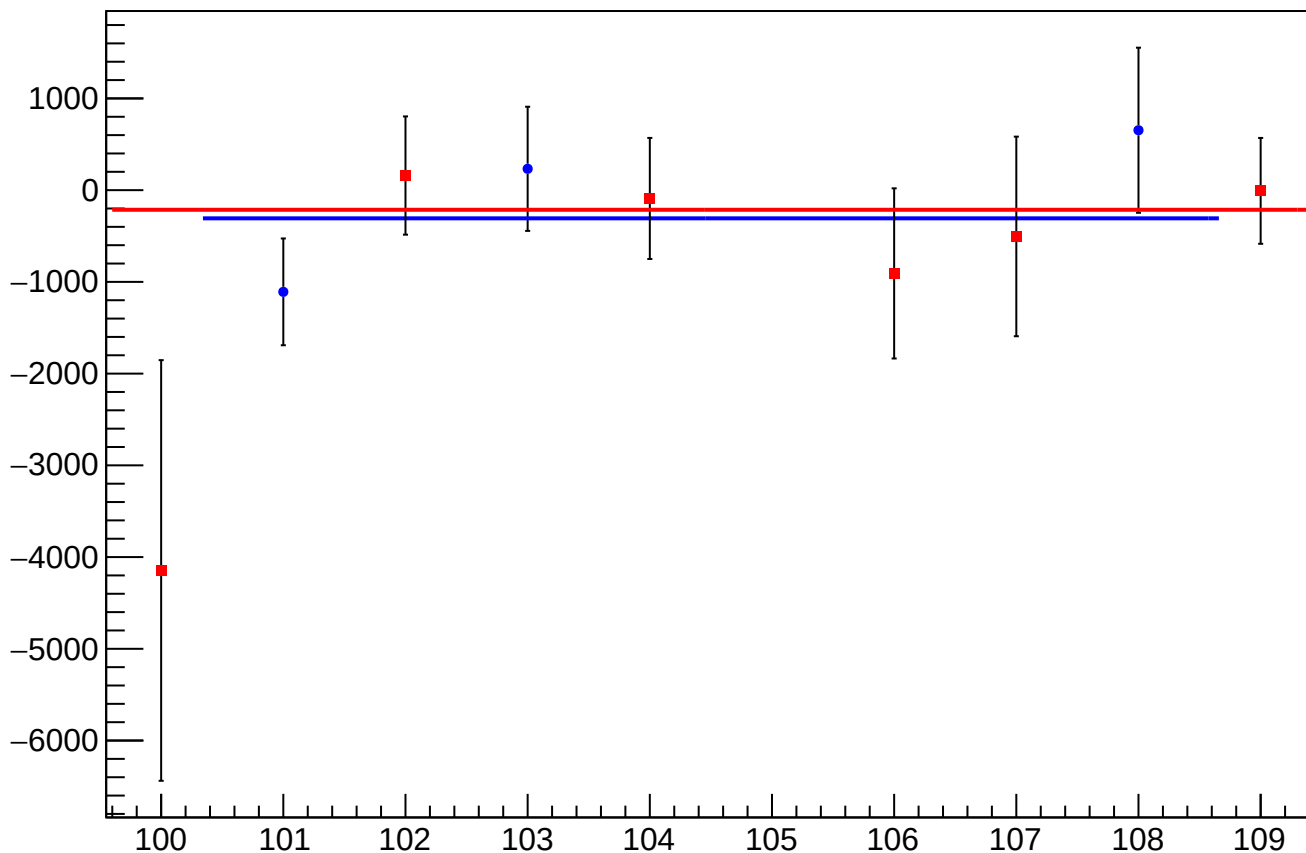
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 506.397 $\pm$ 0.180 χ^2 /NDF: 62364.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: -307.261+/-396.206 χ^2 /NDF: 3.7/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -213.761+/-317.747 χ^2 /NDF: 4.1/5

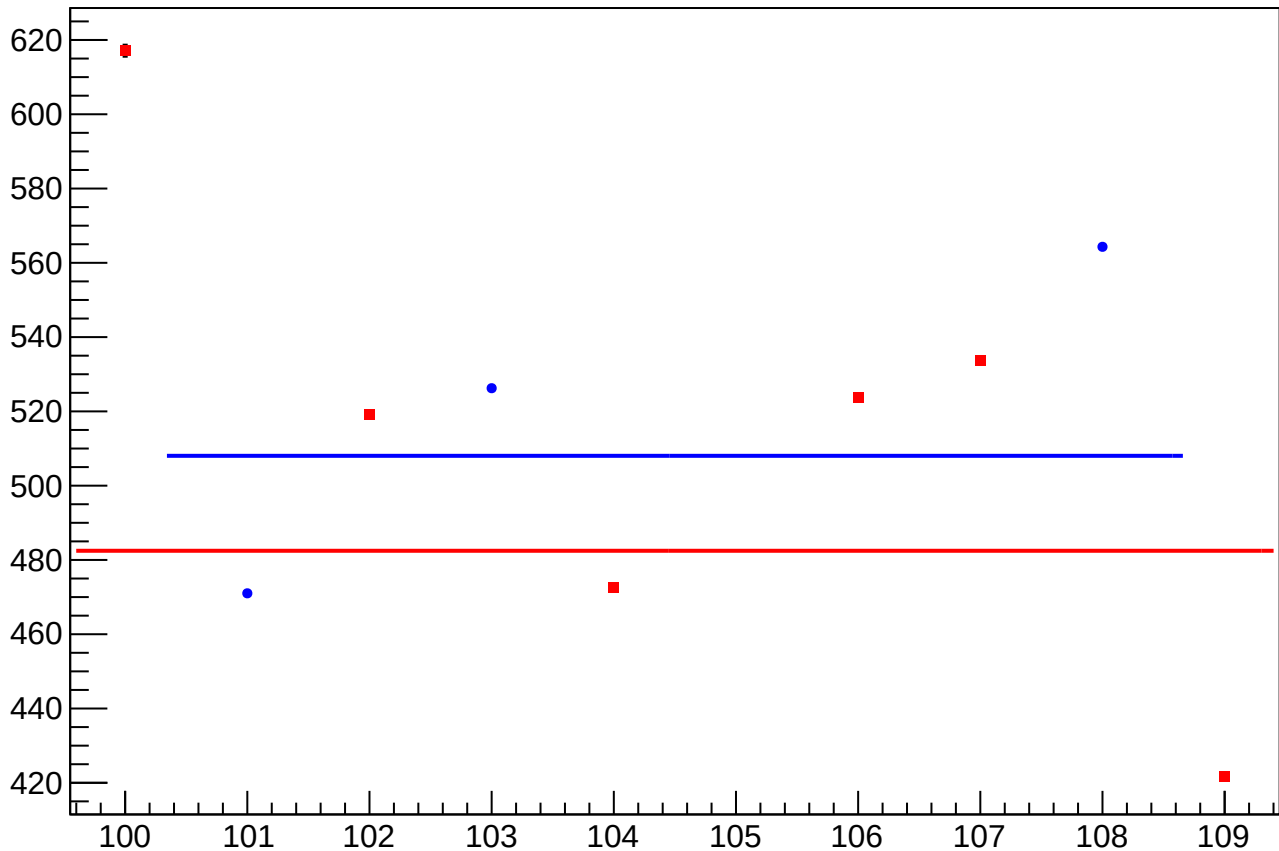
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -250.359+/-247.880 χ^2 /NDF: 7.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 508.037 $\pm$ 0.280 χ^2 /NDF: 17358.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 482.471 $\pm$ 0.225 χ^2 /NDF: 44374.0/5

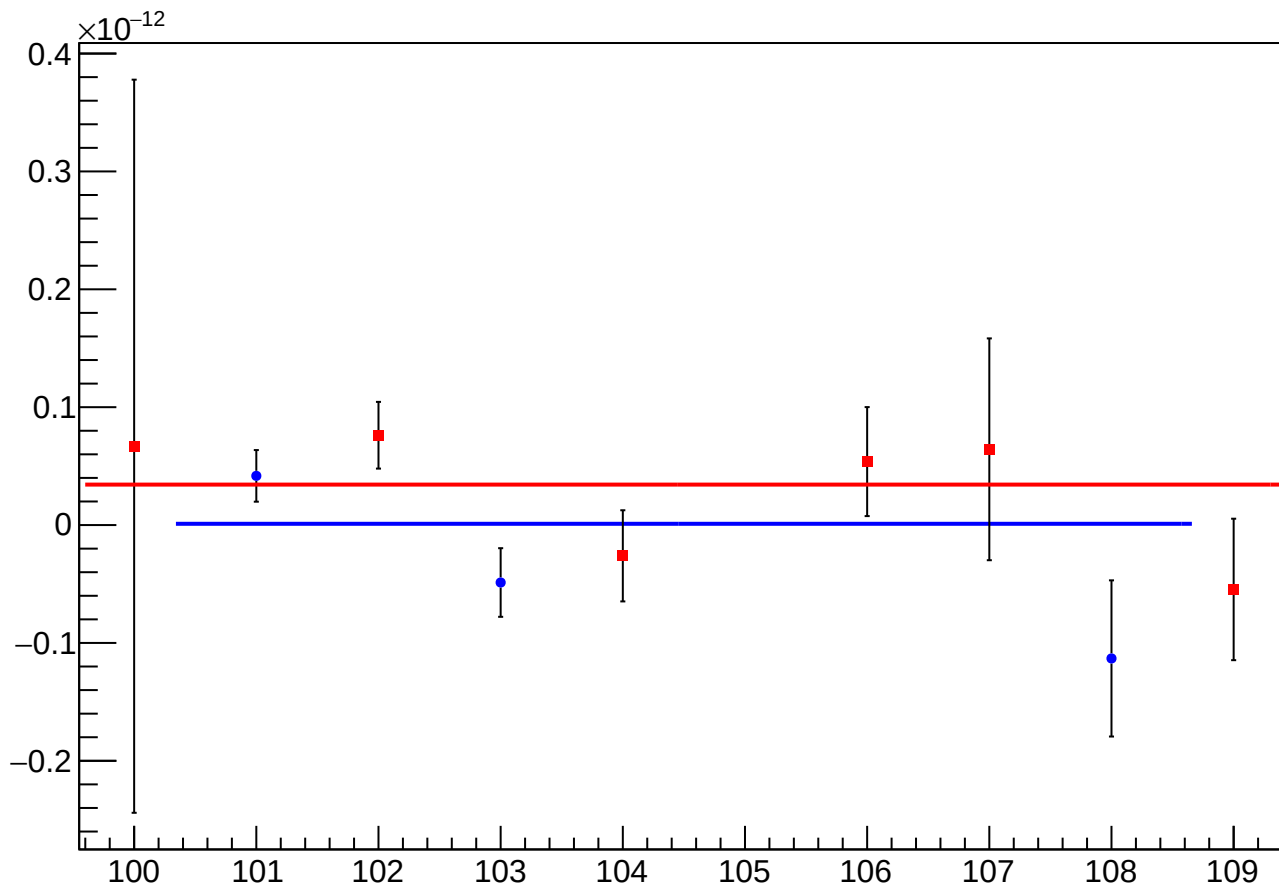
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 492.478 $\pm$ 0.175 χ^2 /NDF: 66800.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.1/5

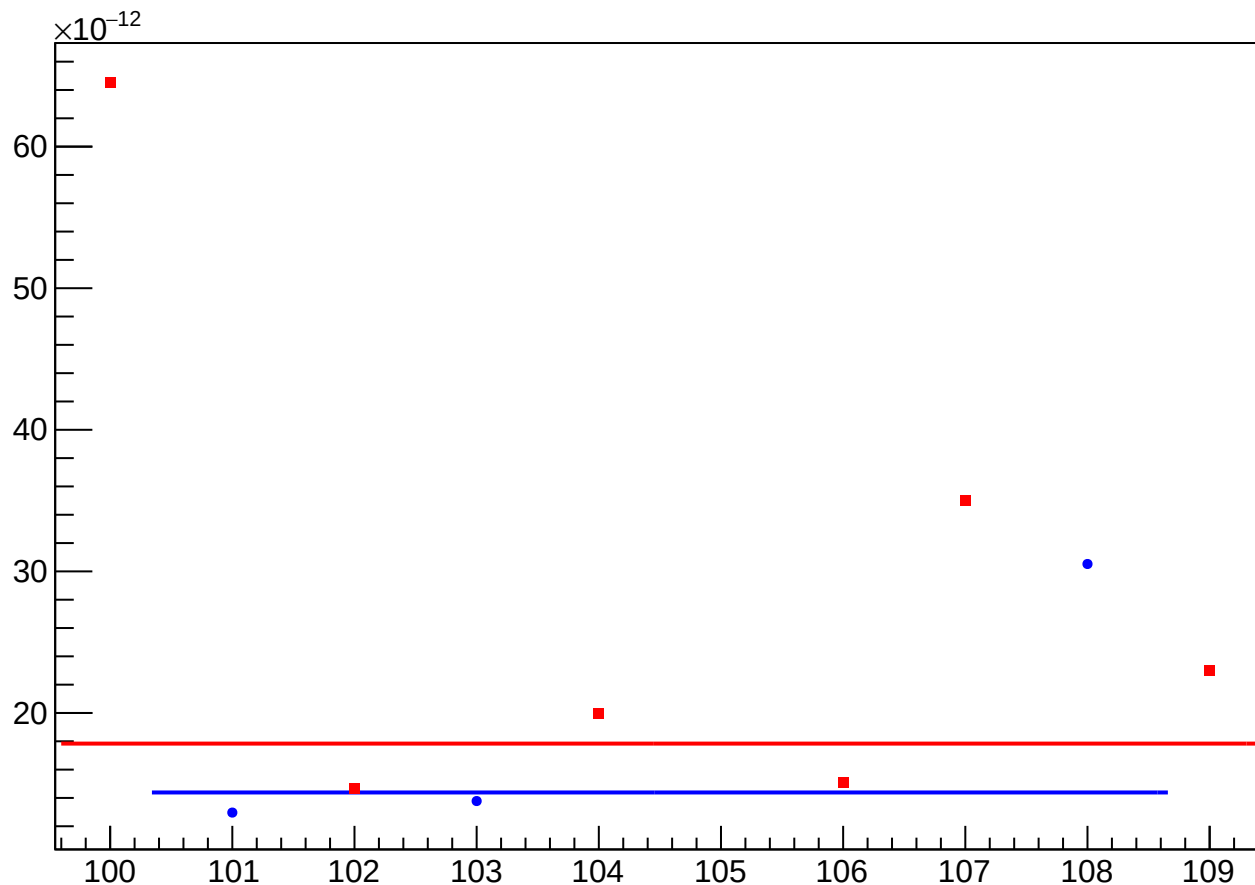
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 127947.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 164507.8/5

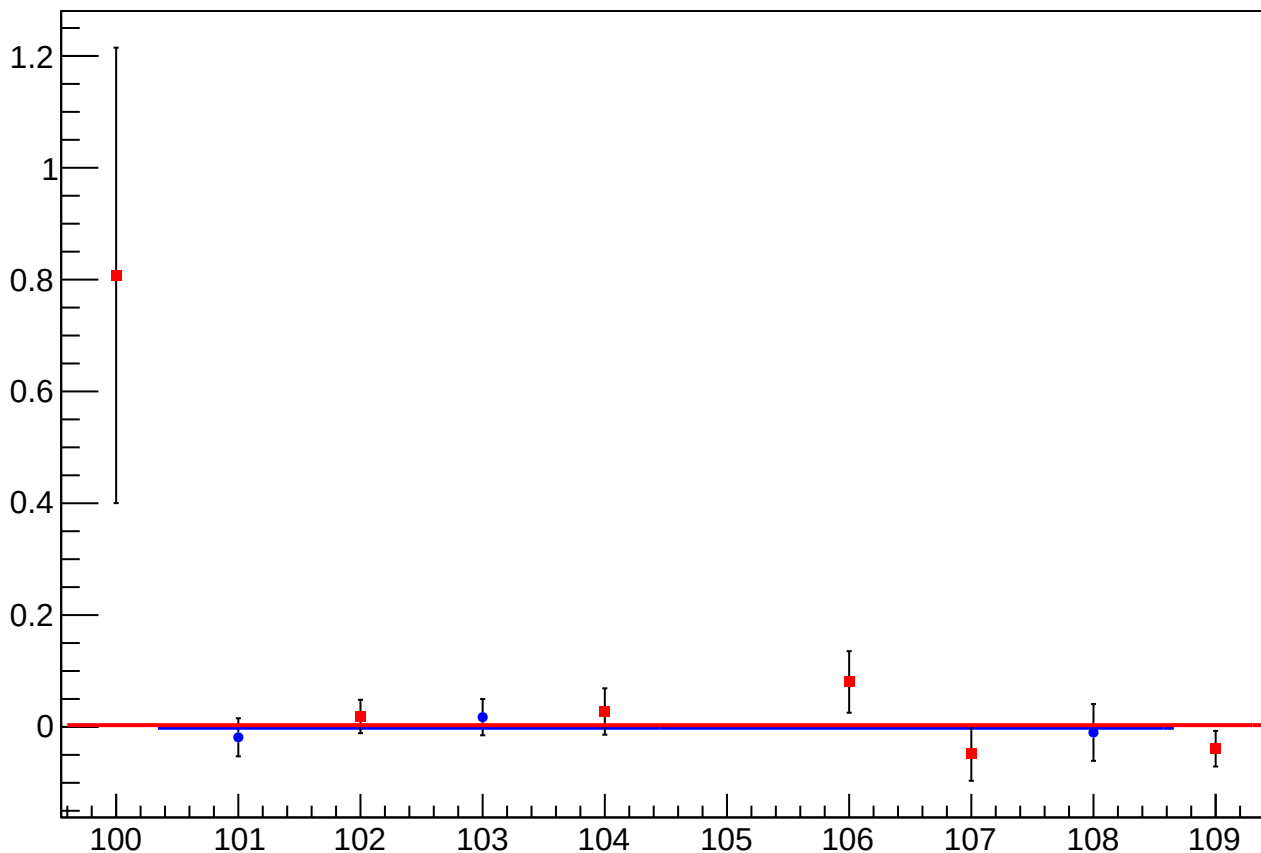
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 329385.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.021 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.017 χ^2 /NDF: 9.3/5

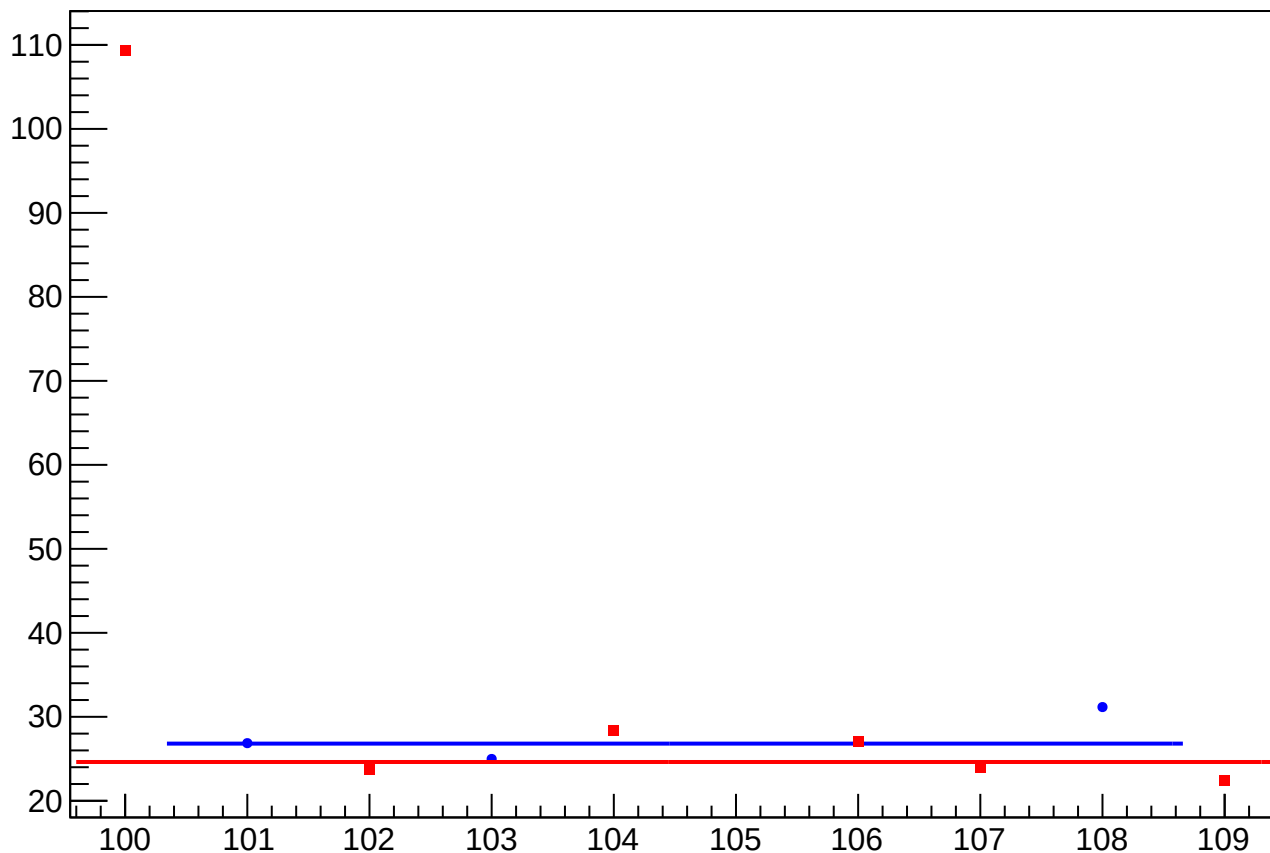
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.013 χ^2 /NDF: 9.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21044.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.622 $\pm$ 0.012 χ^2 /NDF: 118999.4/5

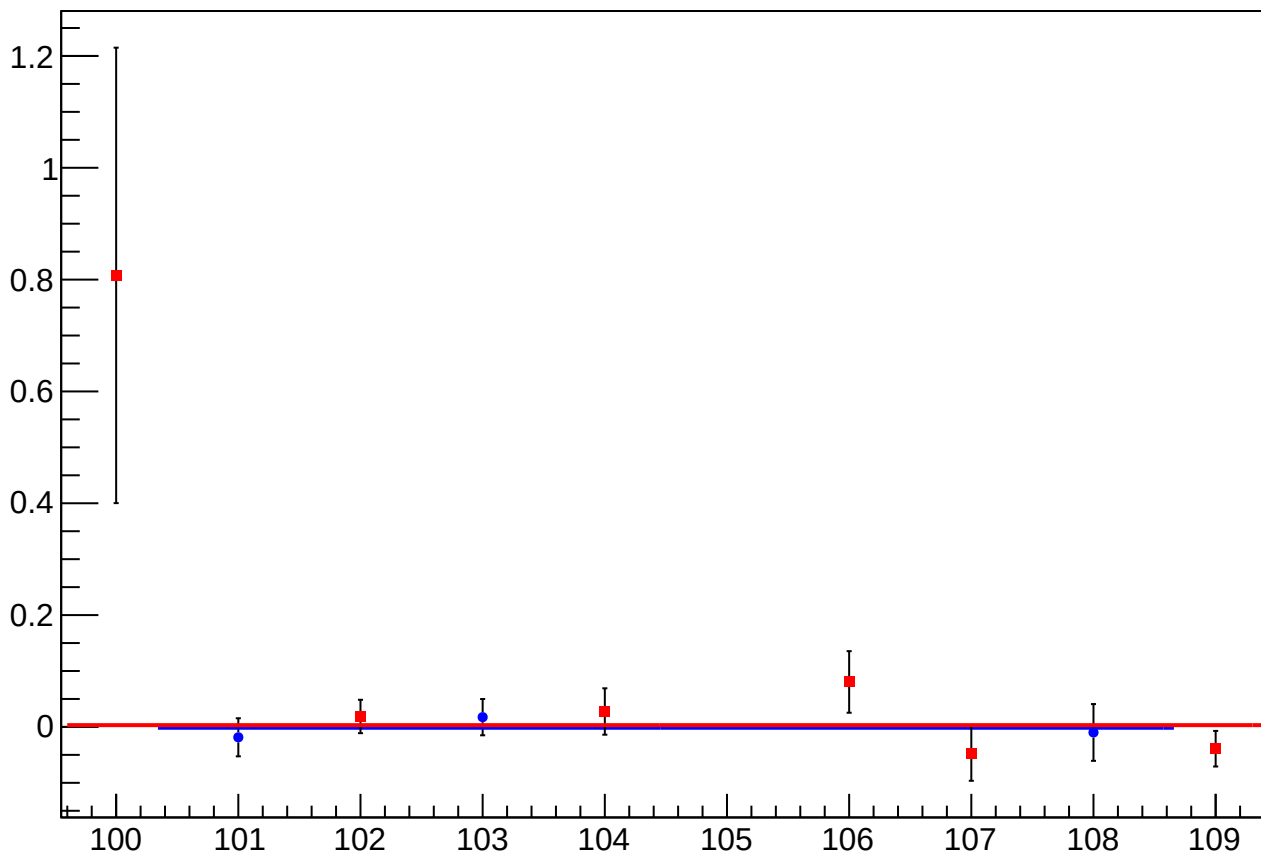
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.477 $\pm$ 0.009 χ^2 /NDF: 152879.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.021 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.017 χ^2 /NDF: 9.3/5

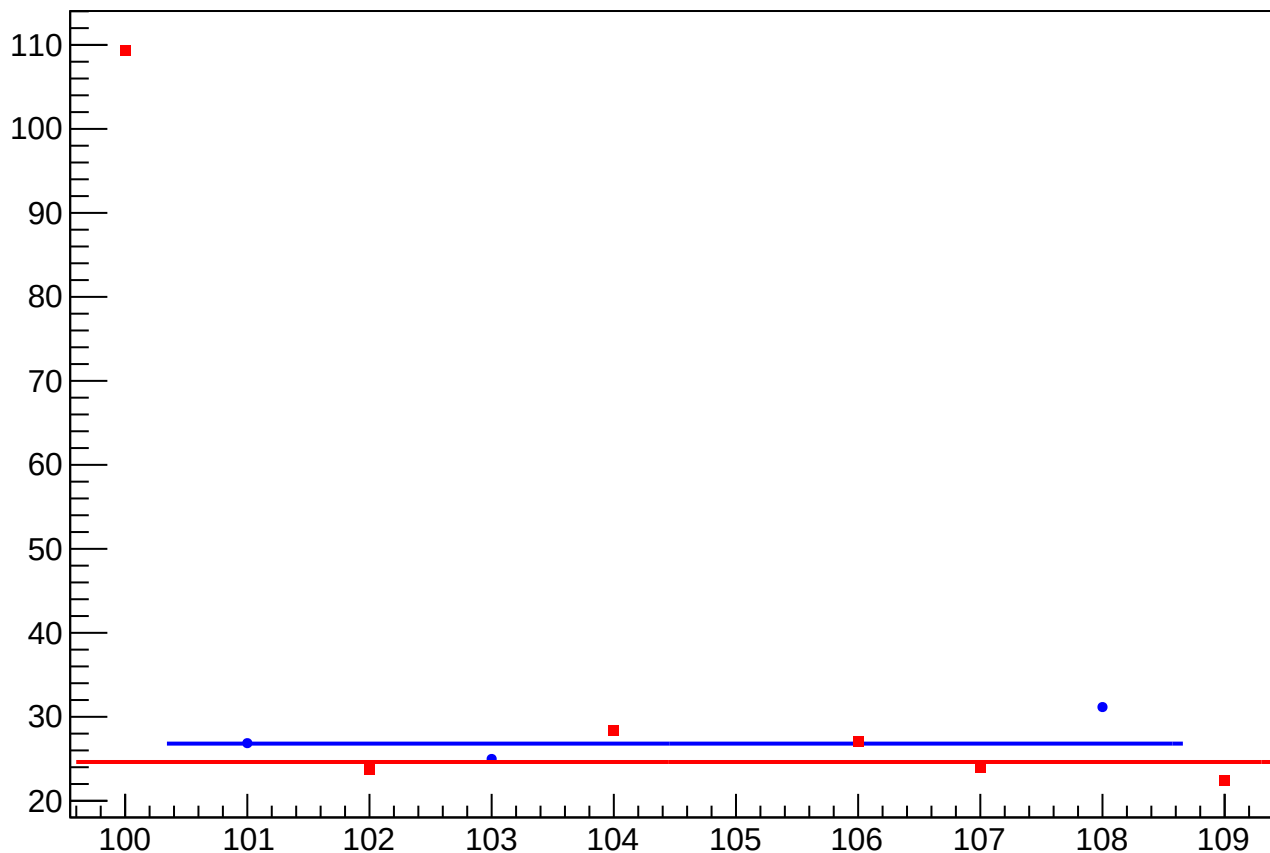
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.013 χ^2 /NDF: 9.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21044.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.622 $\pm$ 0.012 χ^2 /NDF: 118999.4/5

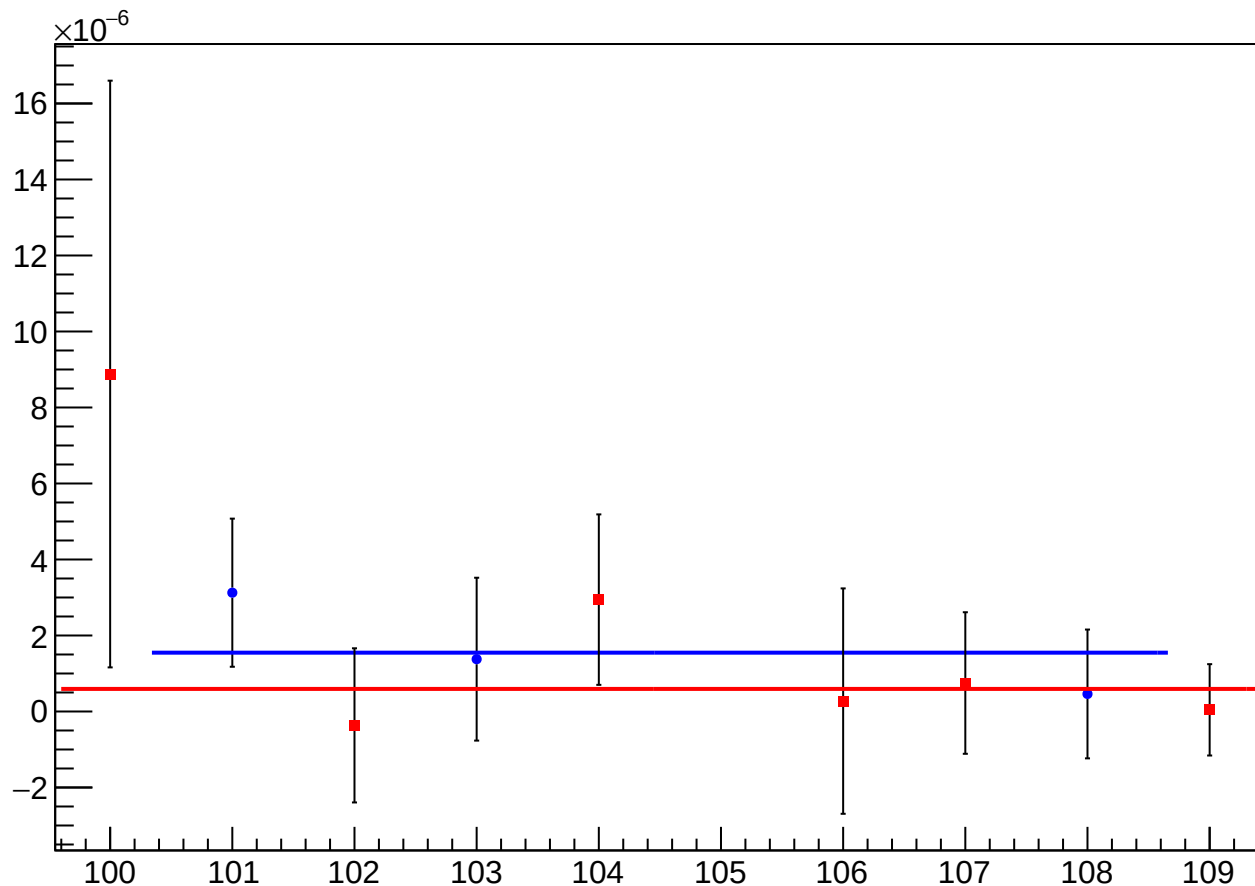
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.477 $\pm$ 0.009 χ^2 /NDF: 152879.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2.7/5

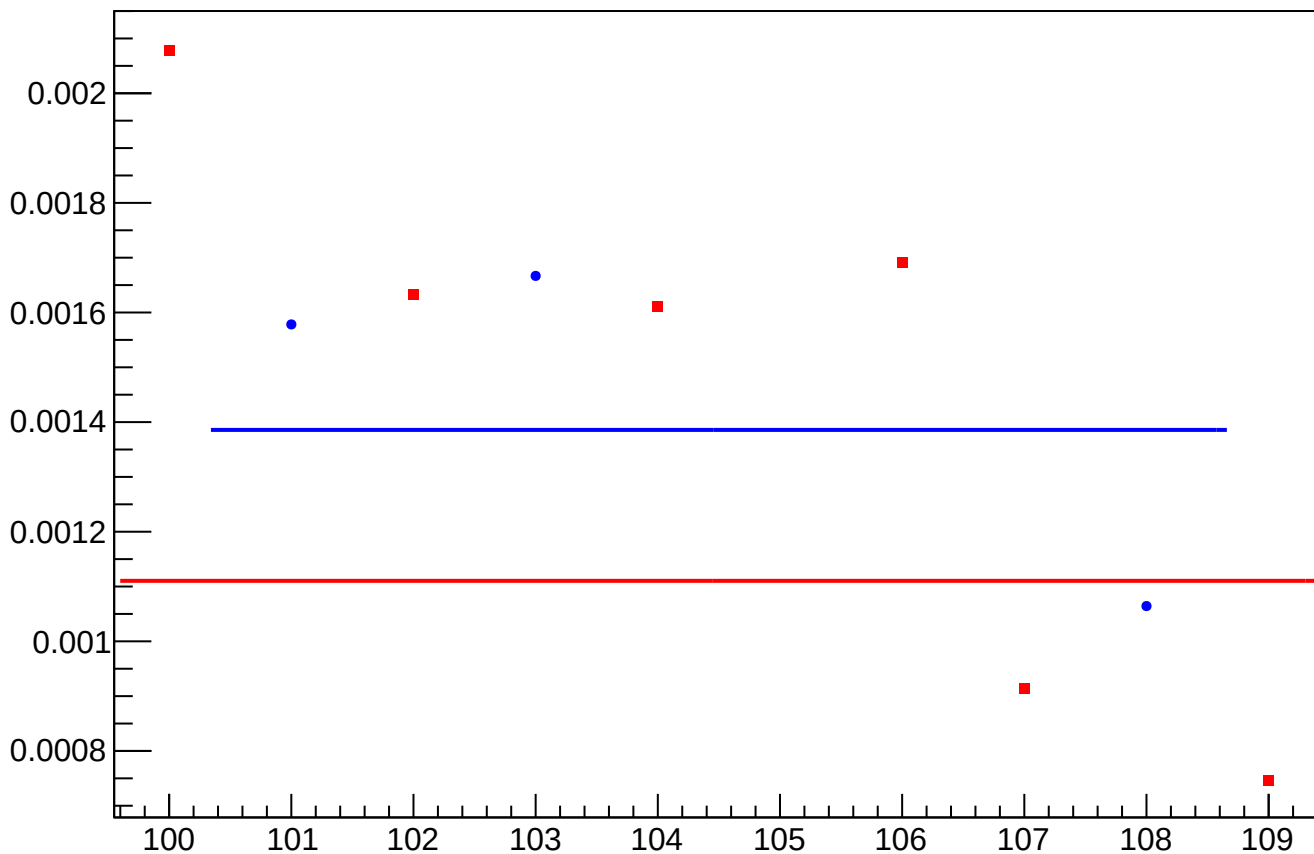
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 125814.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 545858.9/5

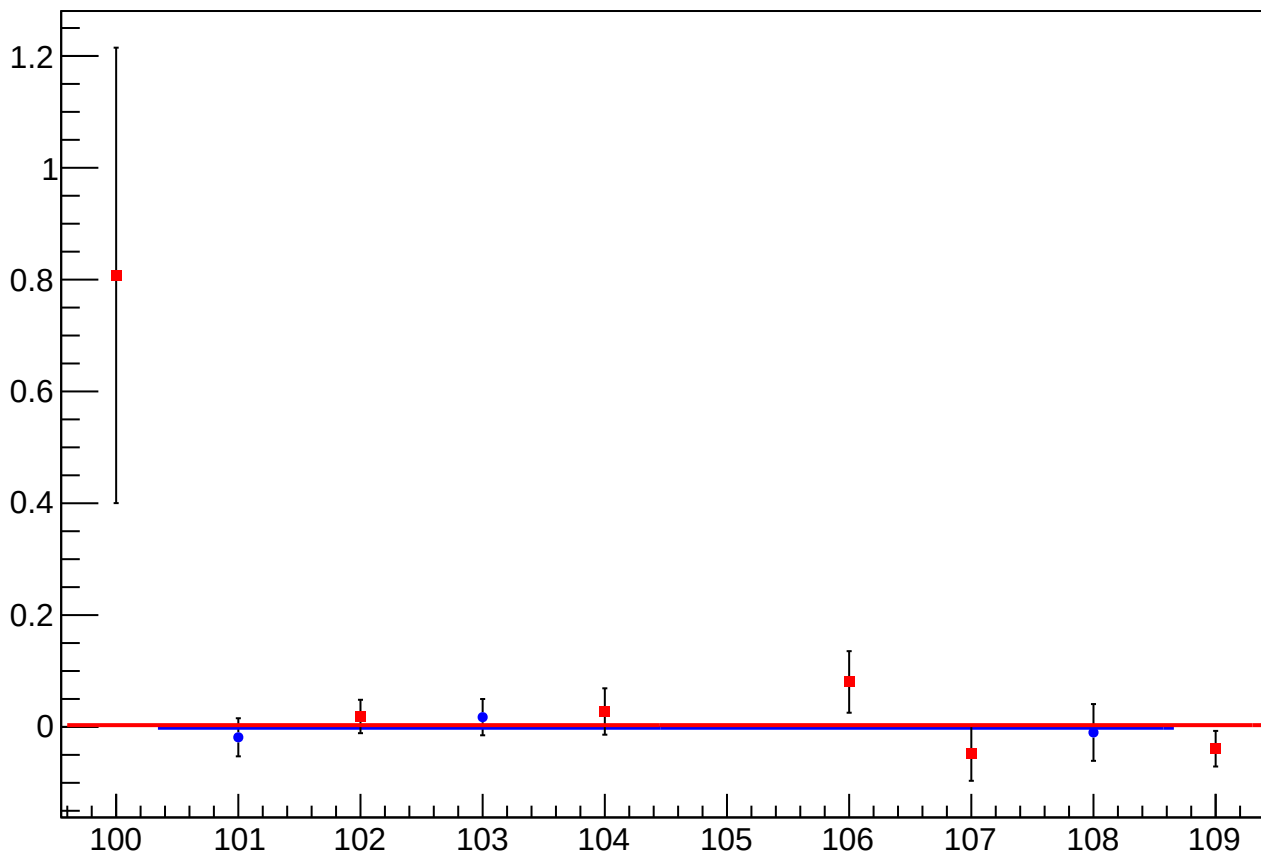
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 753647.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.021 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.017 χ^2 /NDF: 9.3/5

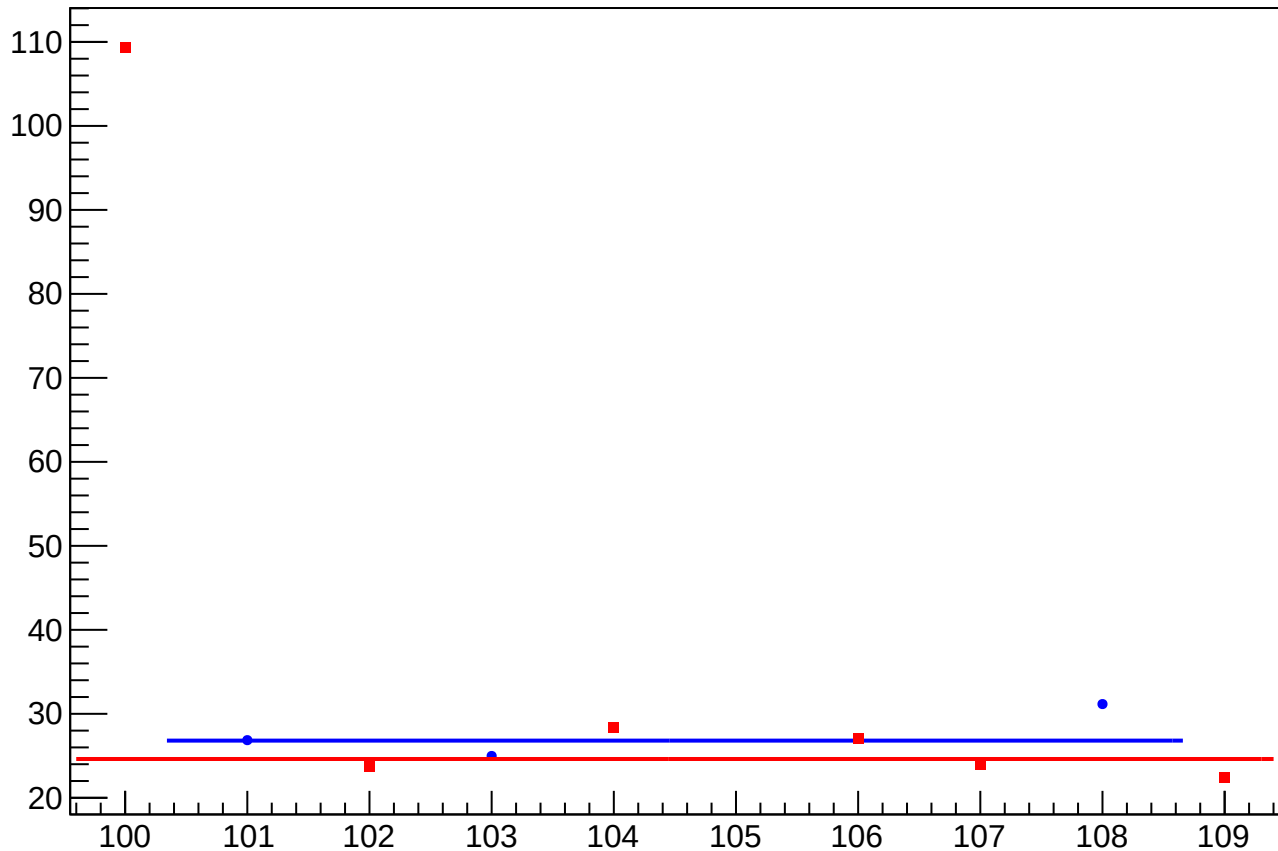
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.013 χ^2 /NDF: 9.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21051.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.621 $\pm$ 0.012 χ^2 /NDF: 118995.8/5

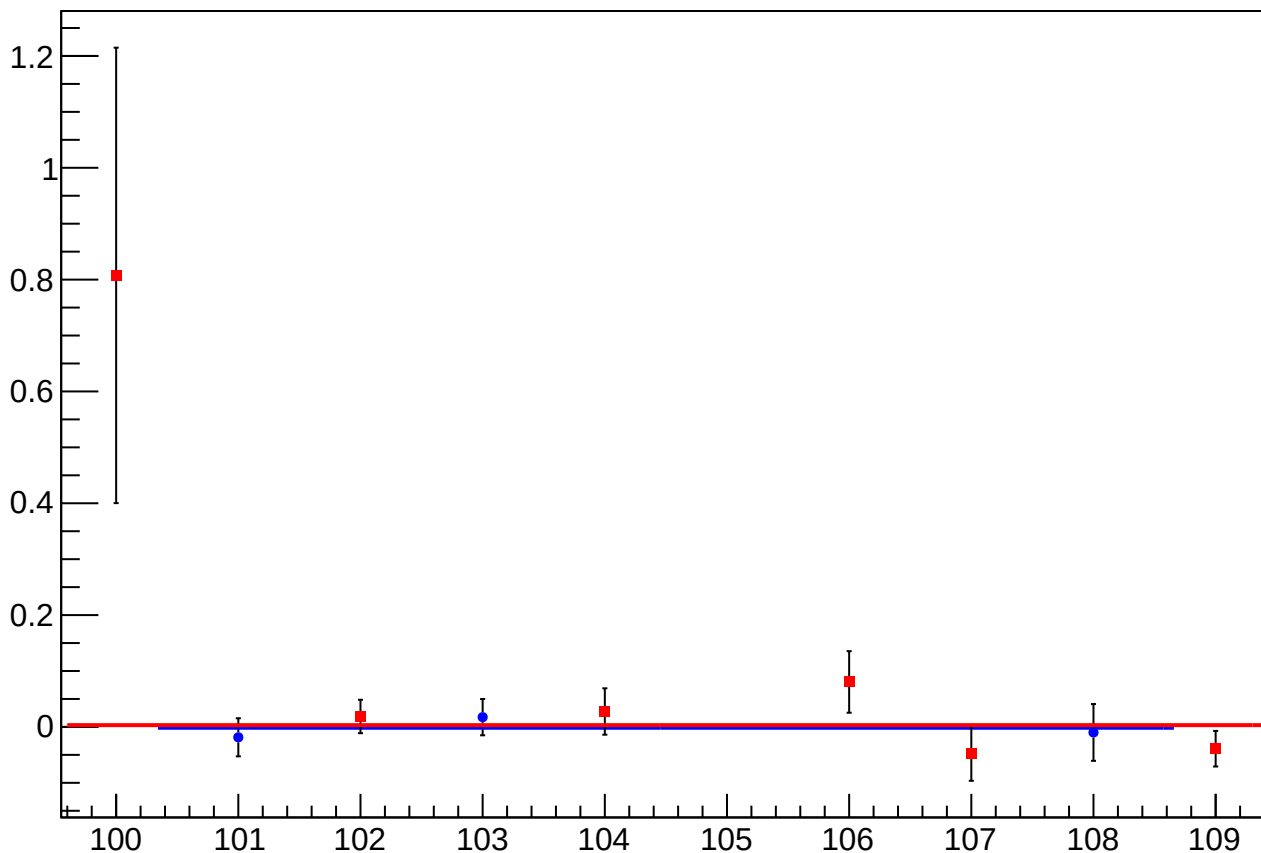
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.476 $\pm$ 0.009 χ^2 /NDF: 152886.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 $\pm$ 0.021 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.003 $\pm$ 0.017 χ^2 /NDF: 9.3/5

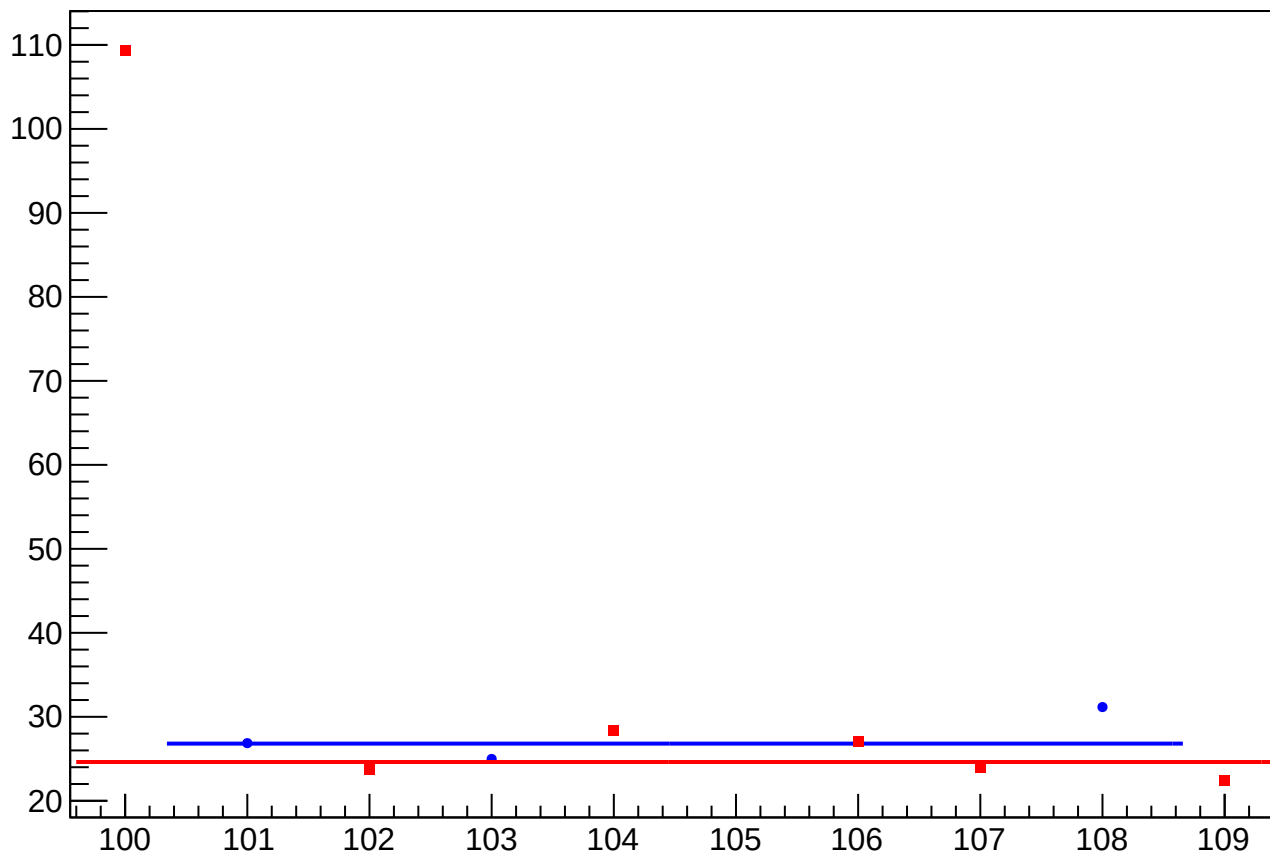
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.013 χ^2 /NDF: 9.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.810 $\pm$ 0.015 χ^2 /NDF: 21051.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.621 $\pm$ 0.012 χ^2 /NDF: 118995.8/5

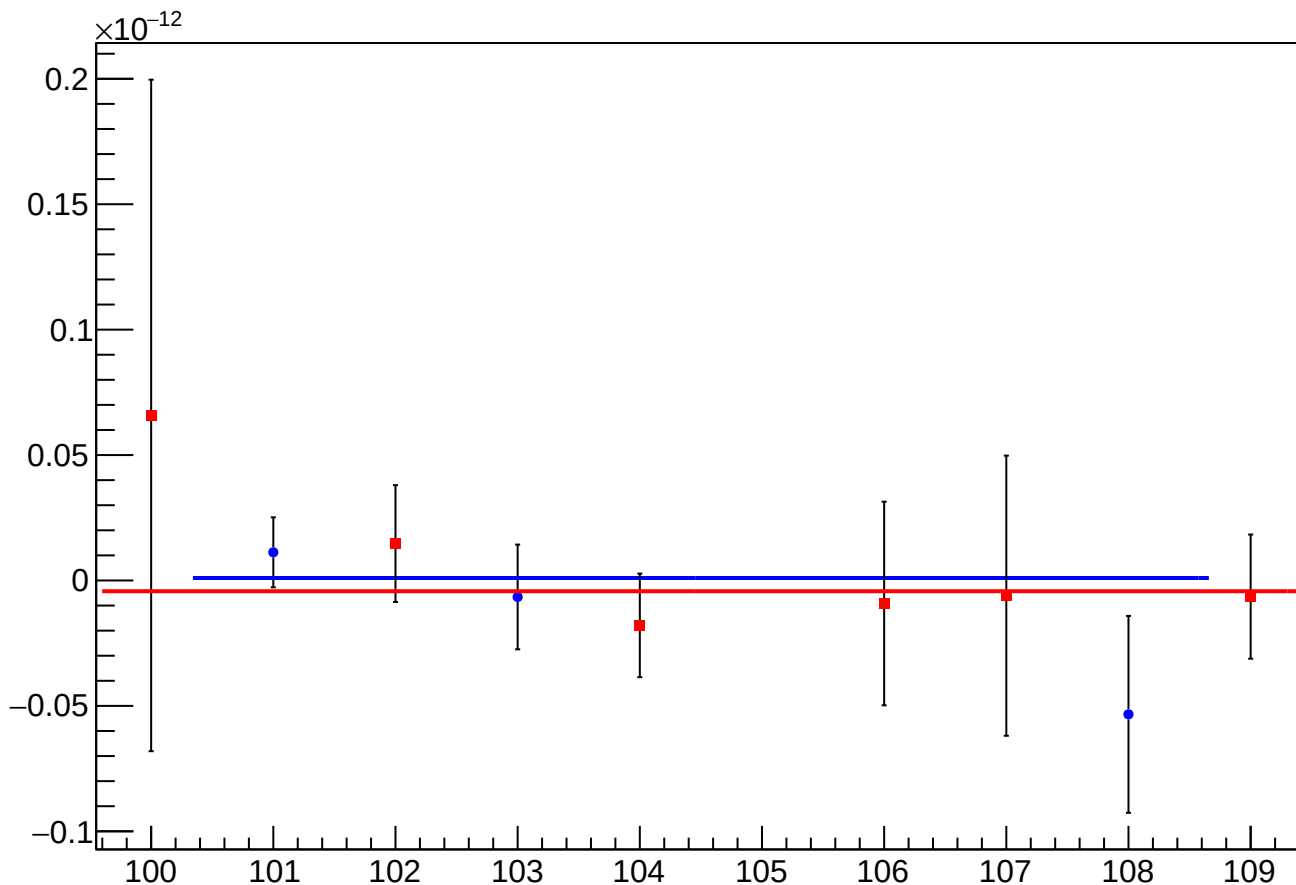
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.476 $\pm$ 0.009 χ^2 /NDF: 152886.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 1.4/5

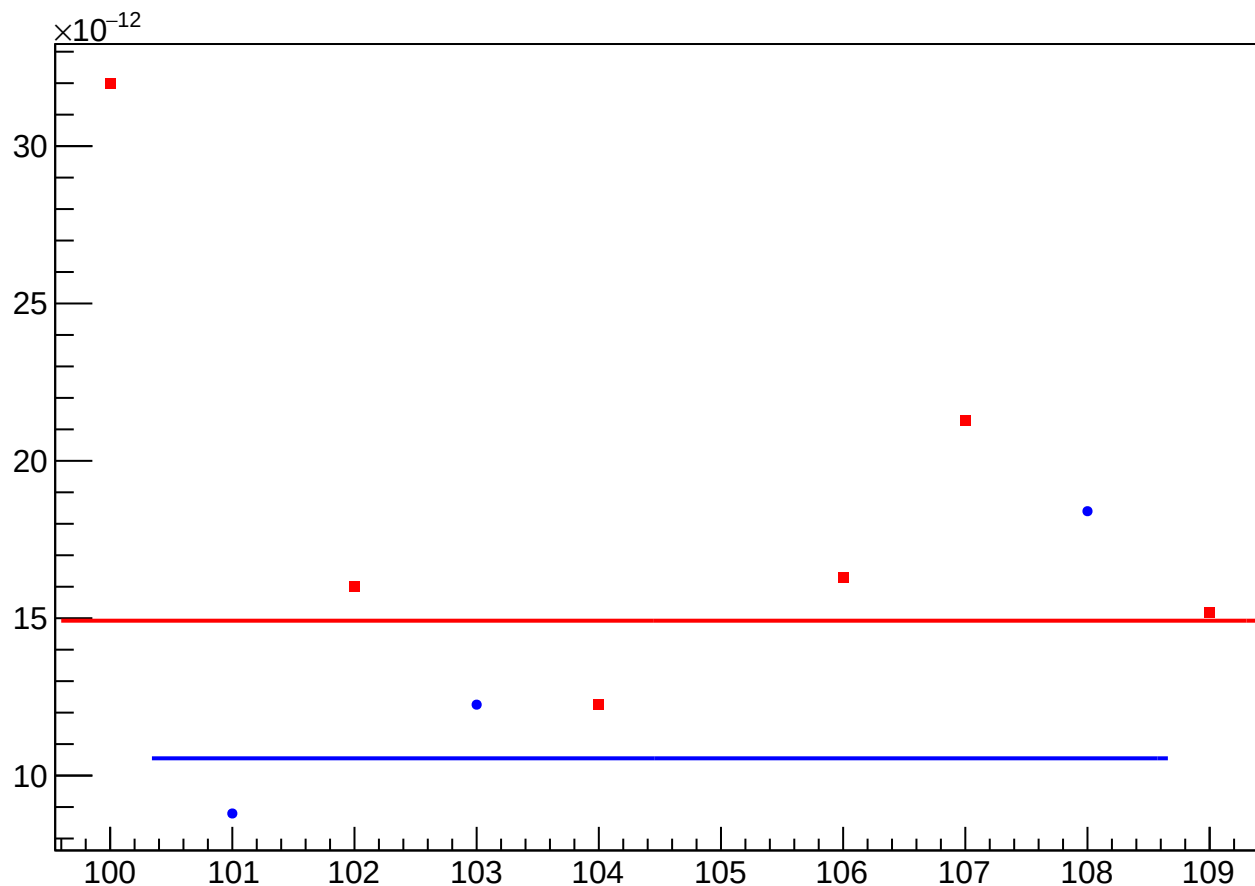
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 4.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 124965.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 98603.0/5

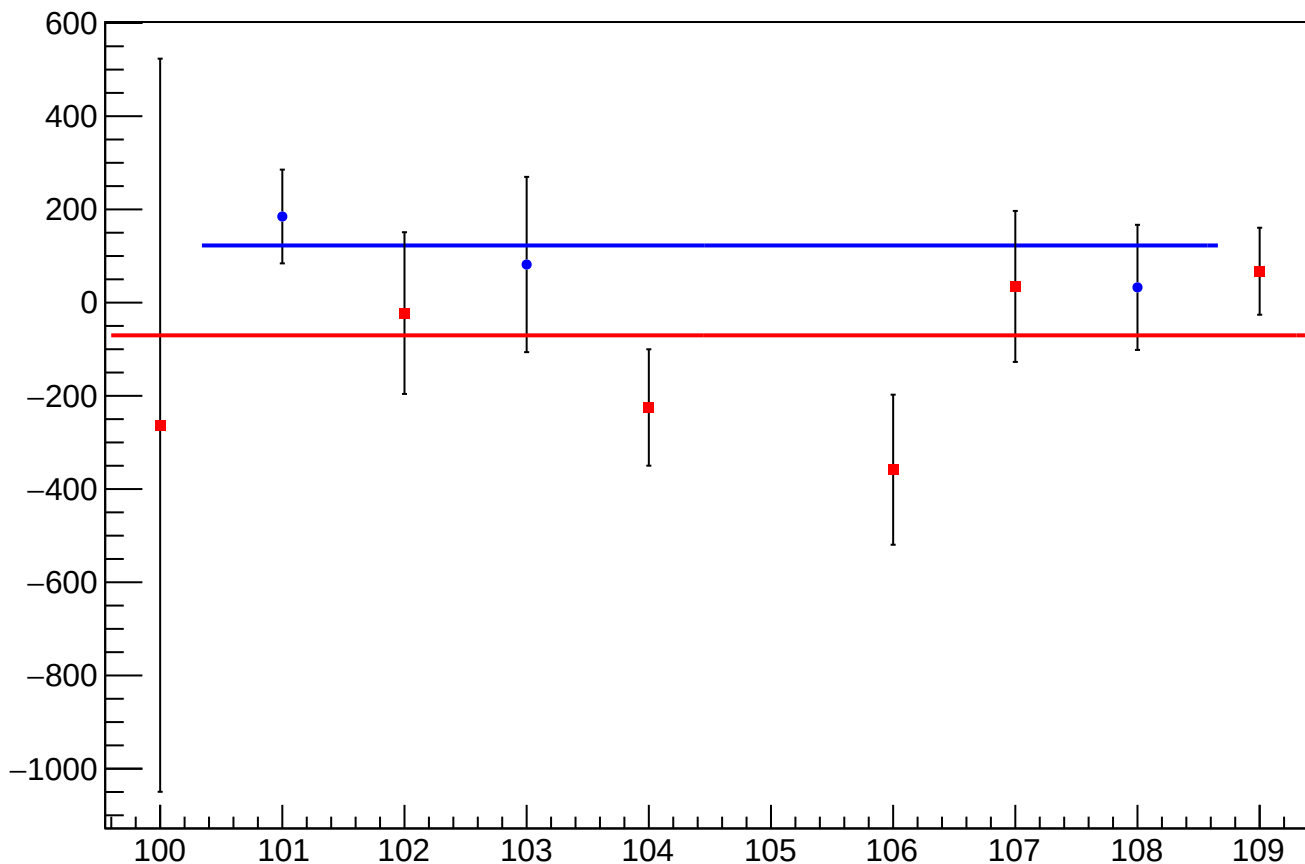
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 364861.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 122.637 $\pm$ 73.994 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -70.162 $\pm$ 58.677 χ^2 /NDF: 7.5/5

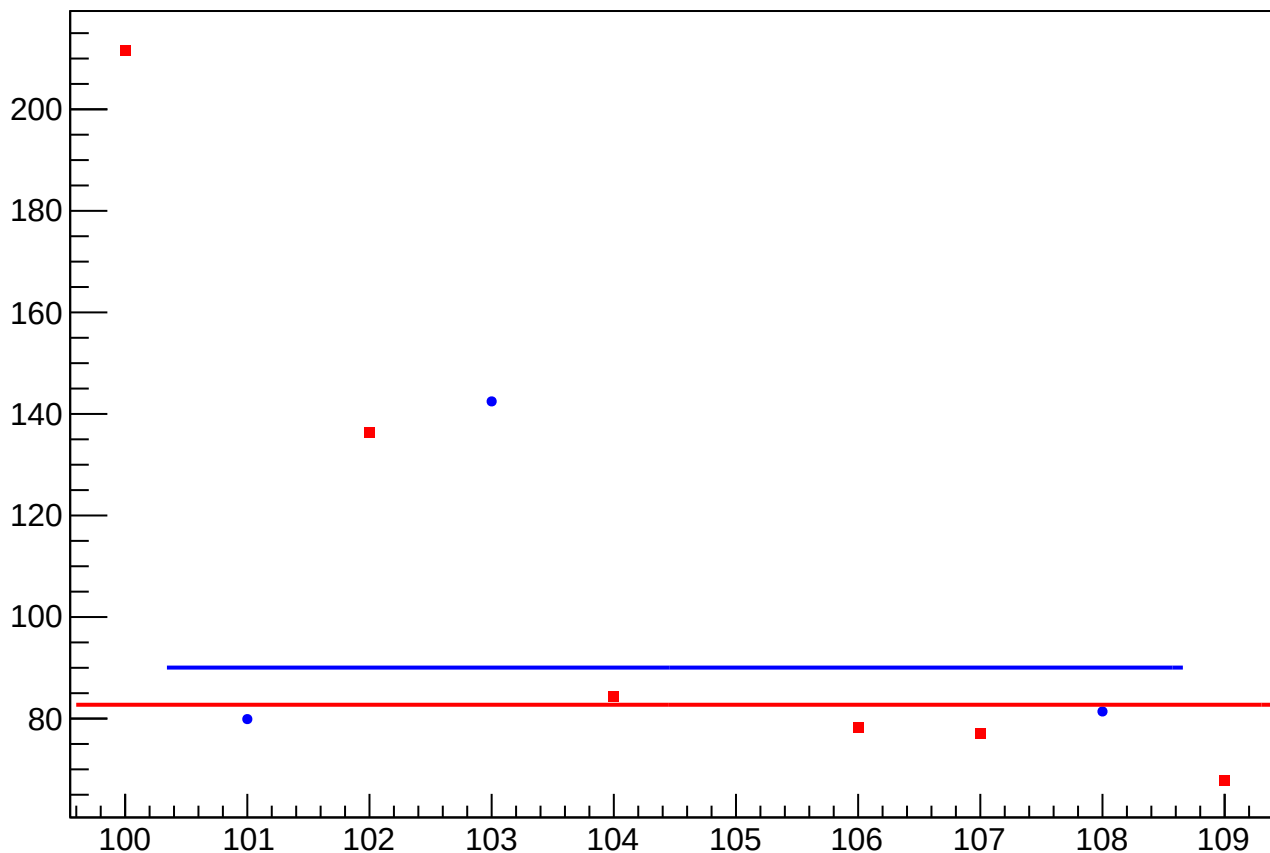
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.272 $\pm$ 45.976 χ^2 /NDF: 12.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 90.044+/-0.052 χ^2/NDF : 184116.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.723+/-0.041 χ^2/NDF : 300644.5/5

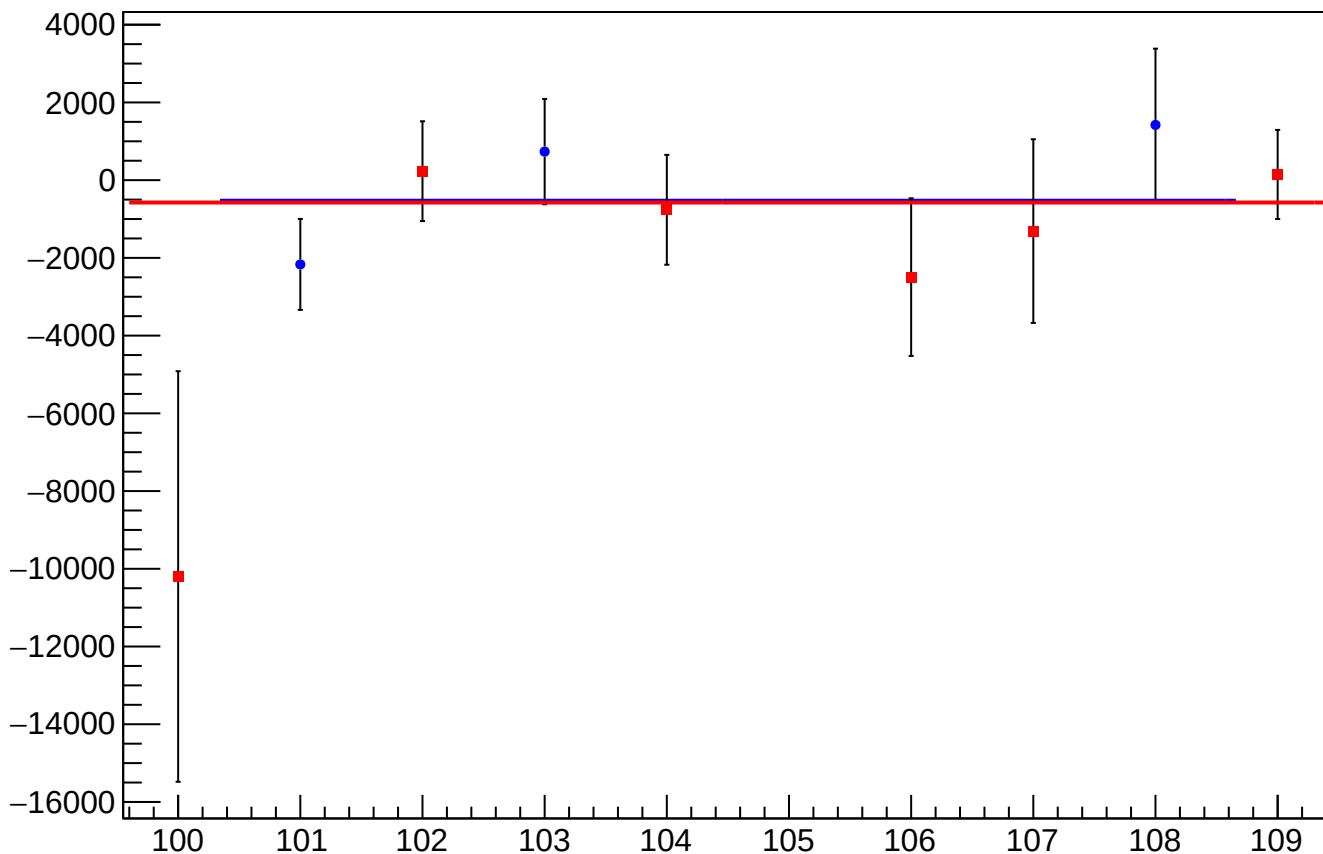
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.549+/-0.033 χ^2/NDF : 496780.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: -529.507 $\pm$ 807.439 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -575.172 $\pm$ 655.759 χ^2 /NDF: 5.1/5

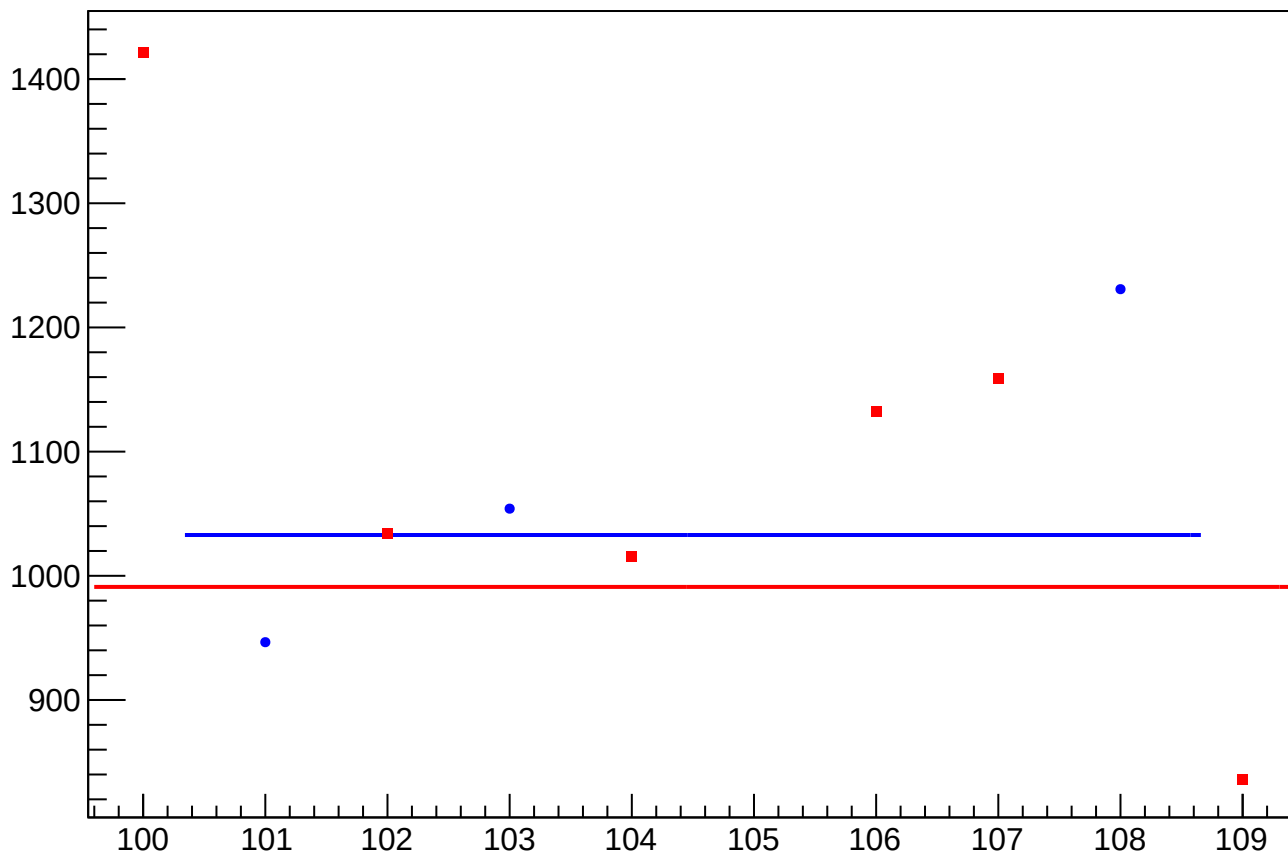
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -557.023 $\pm$ 509.032 χ^2 /NDF: 8.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 1032.861+/-0.571 χ^2/NDF : 31717.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 991.059+/-0.464 χ^2/NDF : 72612.8/5

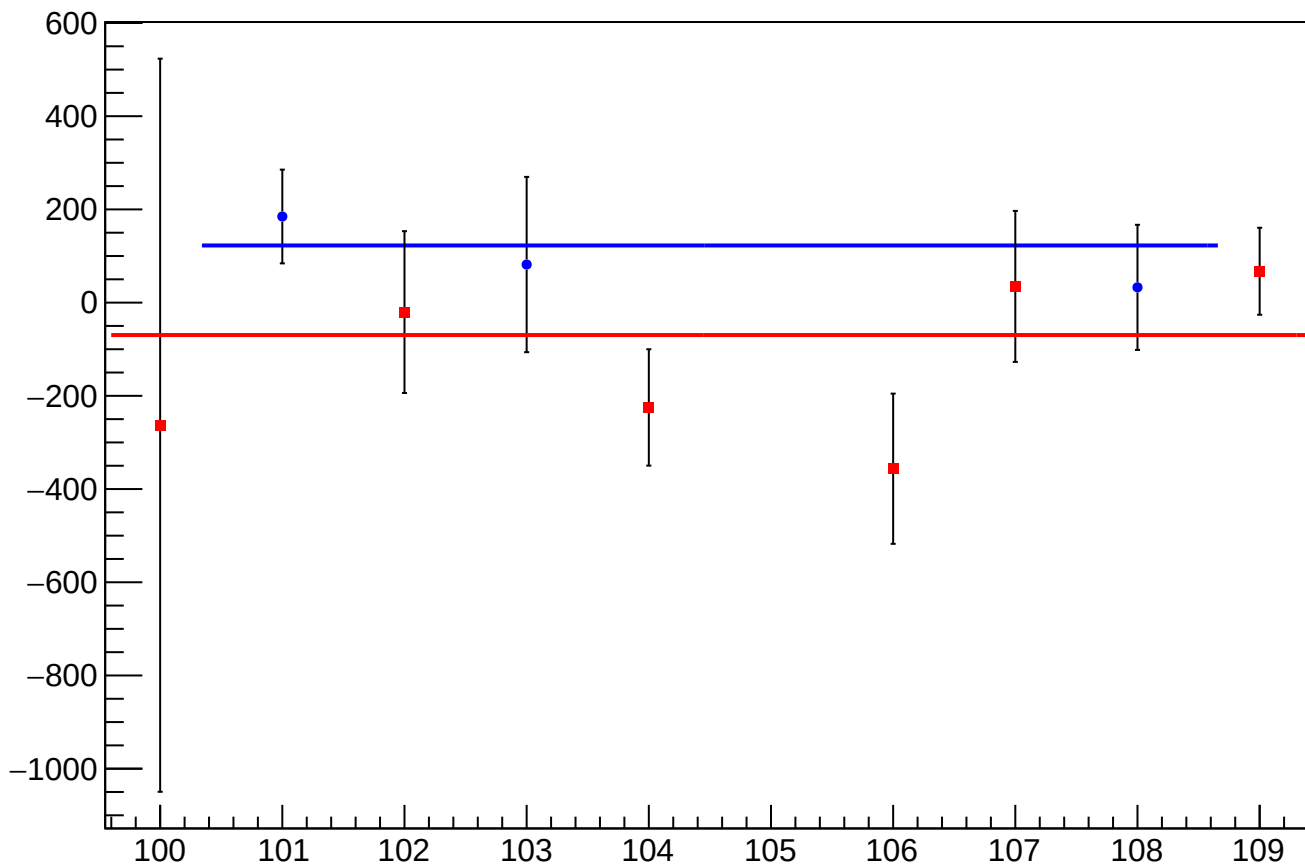
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.673+/-0.360 χ^2/NDF : 107560.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_mean vs Slug



Right In: 122.622 $\pm$ 73.994 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -69.563 $\pm$ 58.689 χ^2 /NDF: 7.4/5

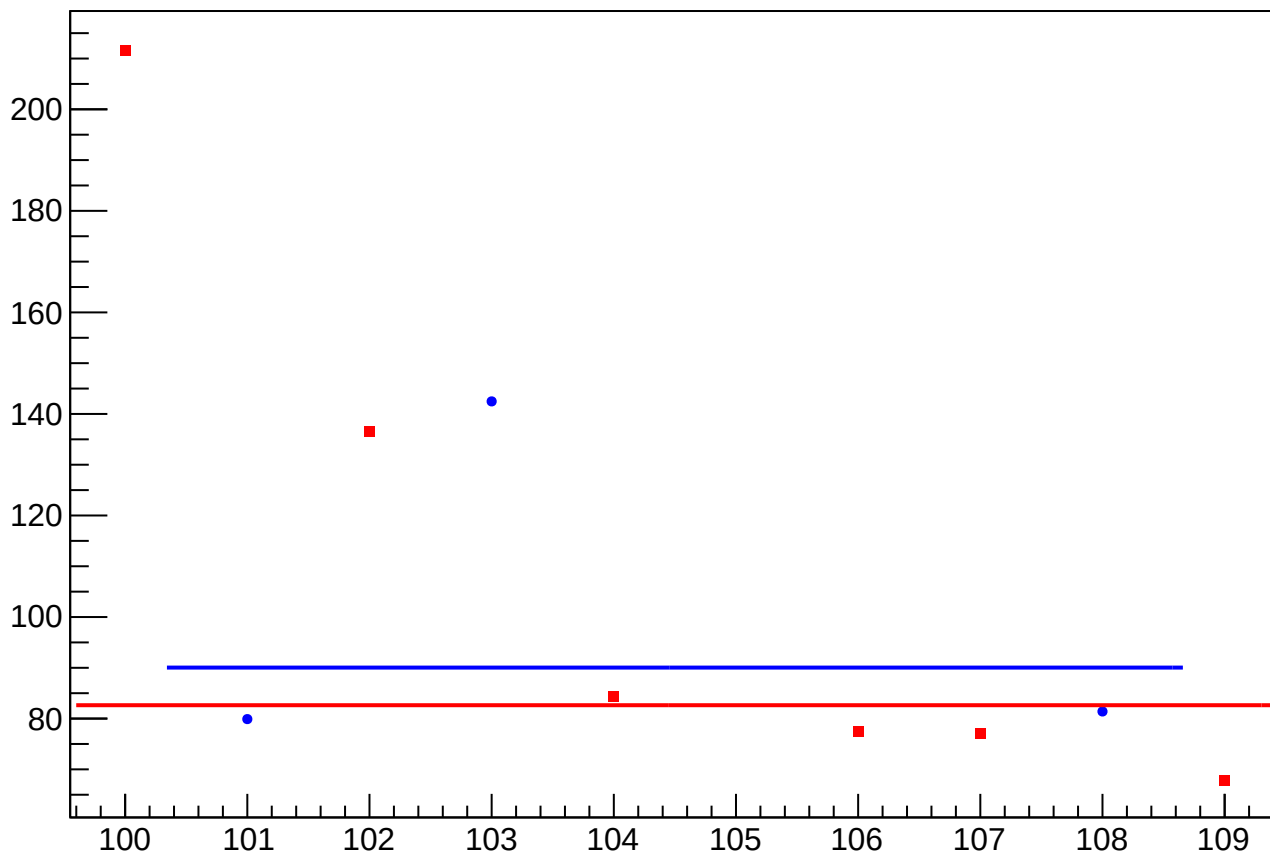
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.652 $\pm$ 45.982 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 90.044+/-0.052 χ^2/NDF : 184119.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.633+/-0.041 χ^2/NDF : 301435.9/5

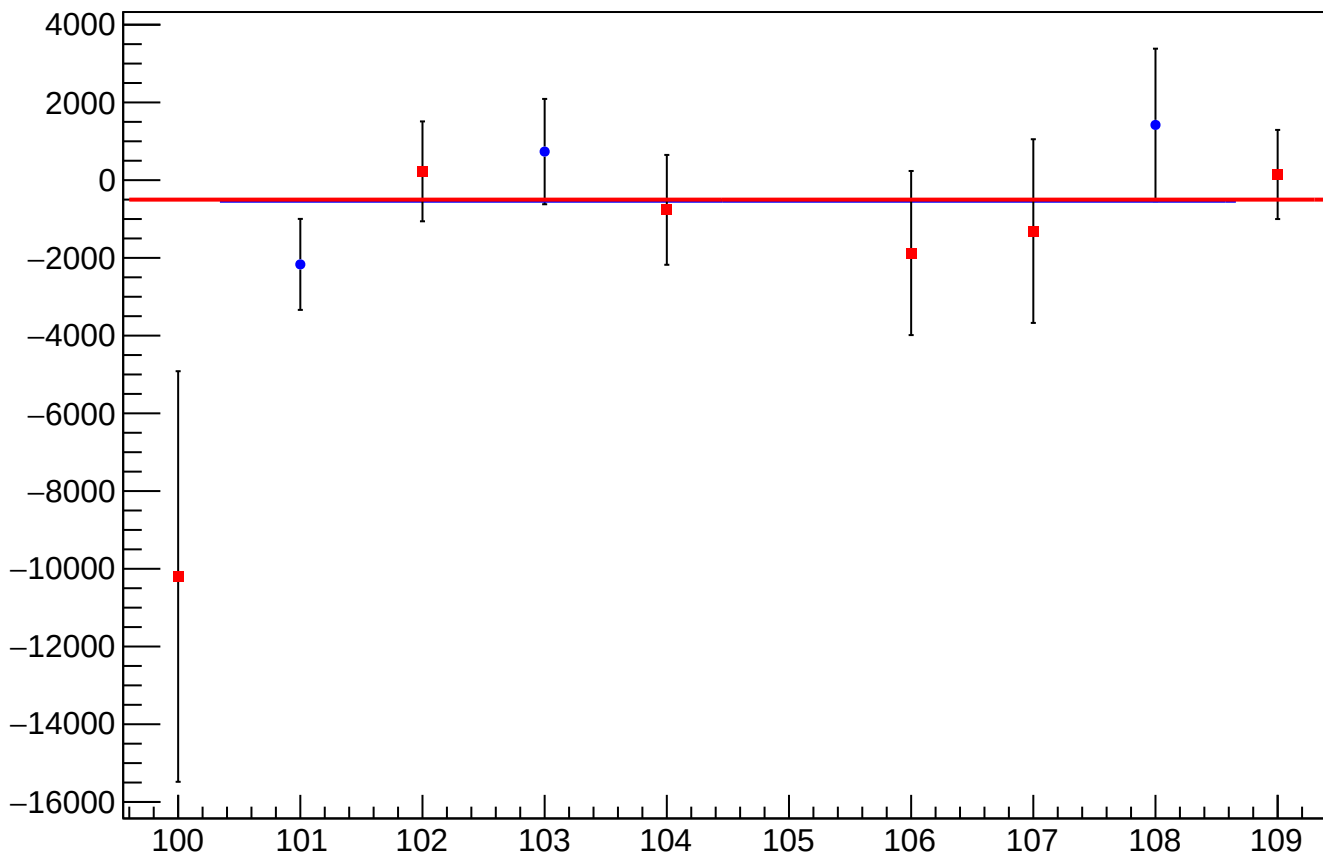
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.495+/-0.033 χ^2/NDF : 497870.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_mean vs Slug



Right In: -529.381+/-807.462 χ^2/NDF : 3.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -500.825+/-658.565 χ^2/NDF : 4.6/5

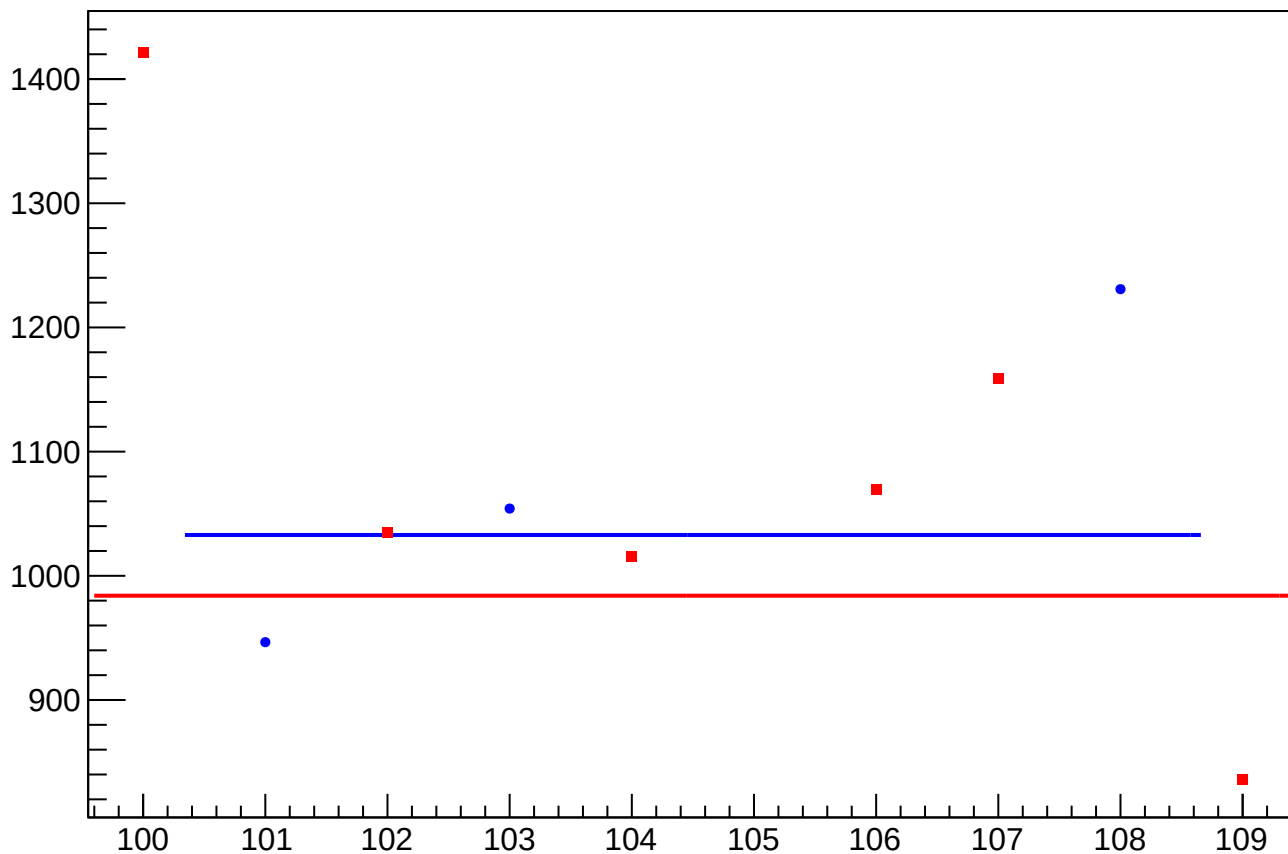
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -512.232+/-510.347 χ^2/NDF : 8.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_rms vs Slug



Right In: 1032.889 $\pm$ 0.571 χ^2 /NDF: 31720.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 983.988 $\pm$ 0.466 χ^2 /NDF: 65541.4/5

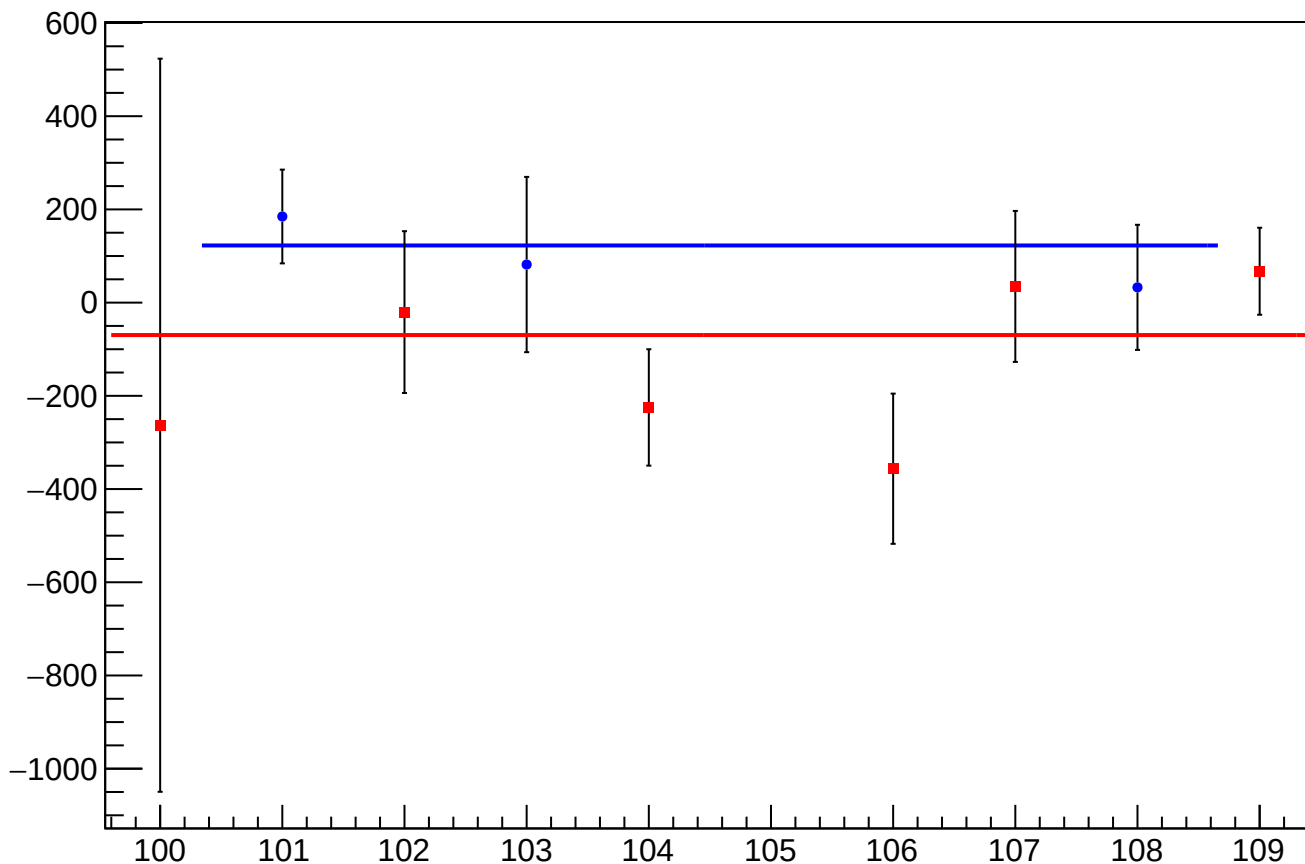
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1003.523 $\pm$ 0.361 χ^2 /NDF: 101667.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: 122.622 $\pm$ 73.994 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -69.563 $\pm$ 58.689 χ^2 /NDF: 7.4/5

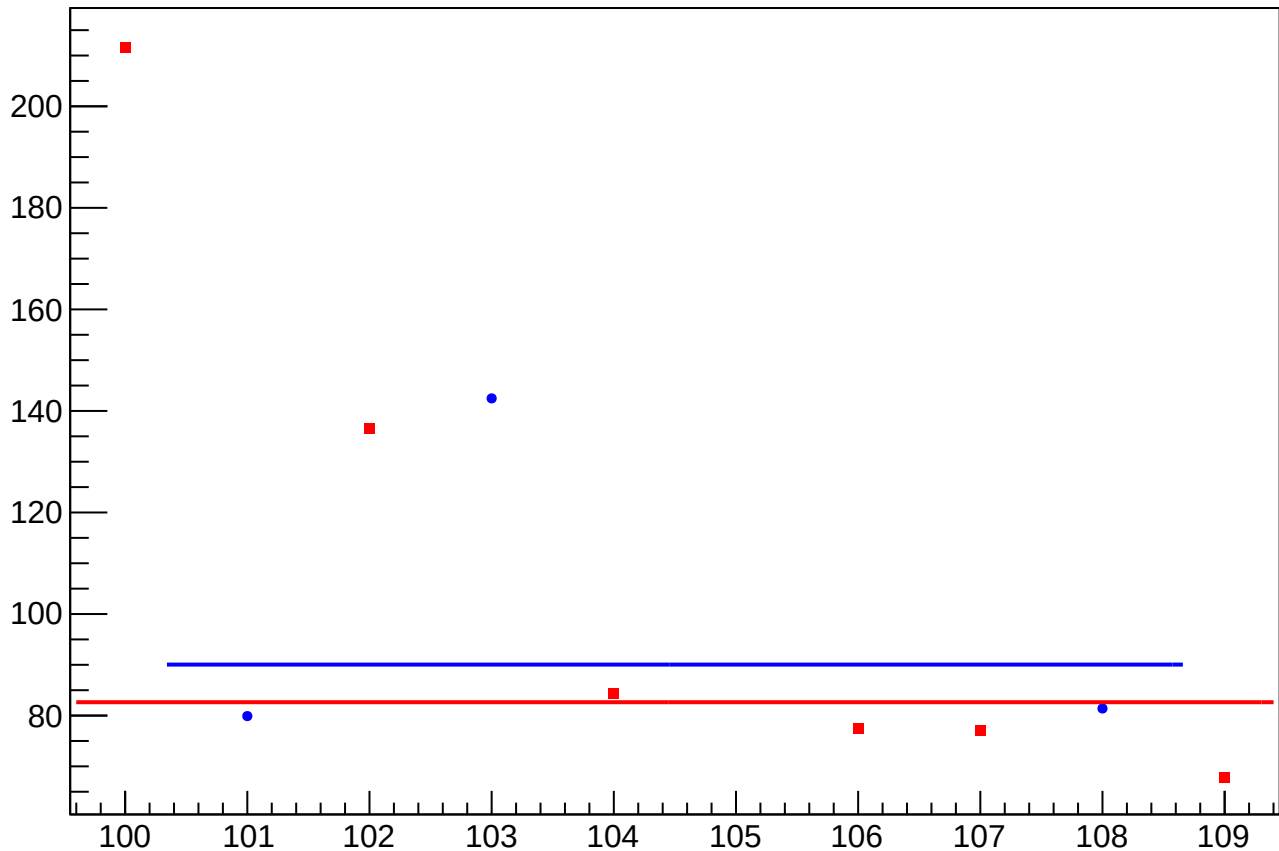
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.652 $\pm$ 45.982 χ^2 /NDF: 12.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 90.044 $\pm$ 0.052 χ^2 /NDF: 184119.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.633 $\pm$ 0.041 χ^2 /NDF: 301435.9/5

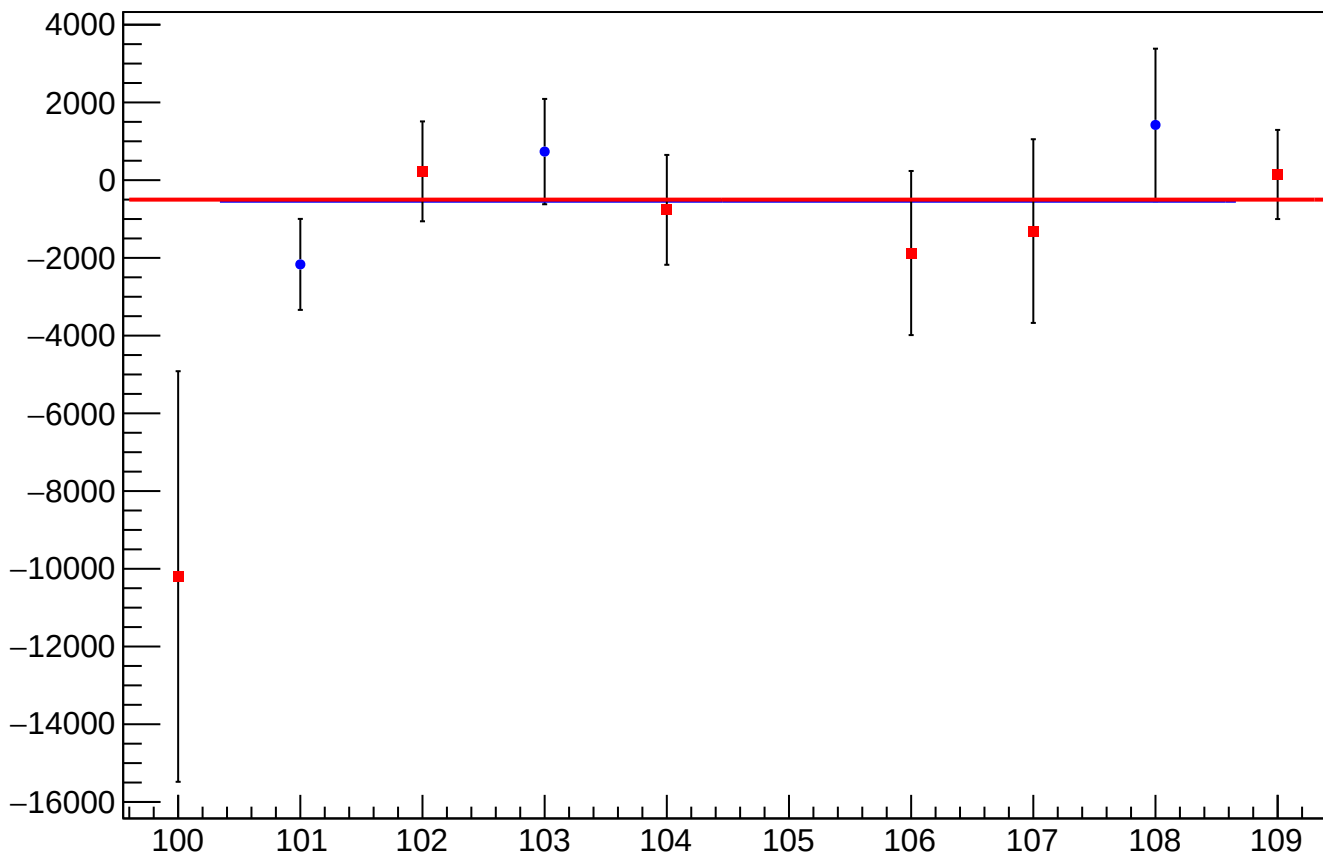
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.495 $\pm$ 0.033 χ^2 /NDF: 497870.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug



Right In: -529.381+/-807.462 χ^2 /NDF: 3.8/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -500.825+/-658.565 χ^2 /NDF: 4.6/5

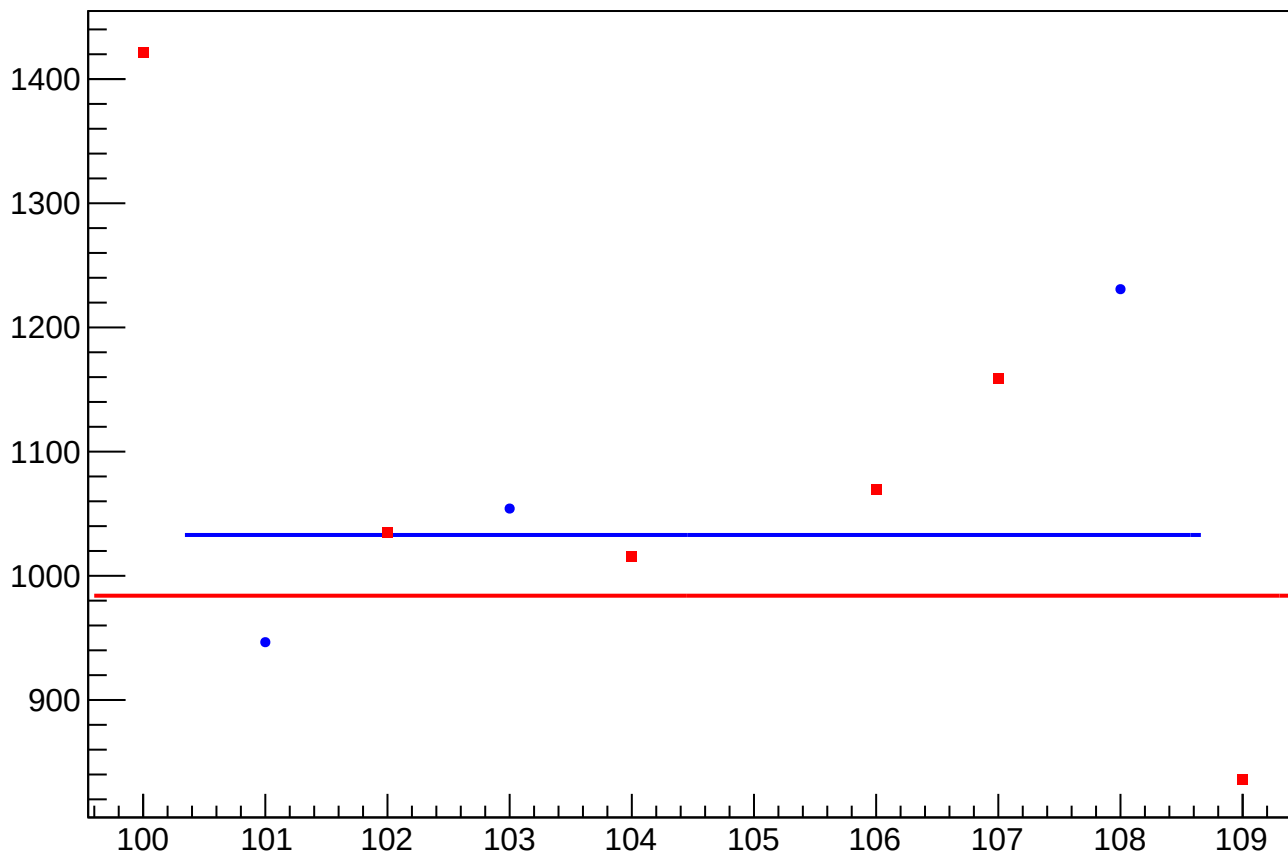
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -512.232+/-510.347 χ^2 /NDF: 8.4/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug



Right In: 1032.889 $\pm$ 0.571 χ^2 /NDF: 31720.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 983.988 $\pm$ 0.466 χ^2 /NDF: 65541.4/5

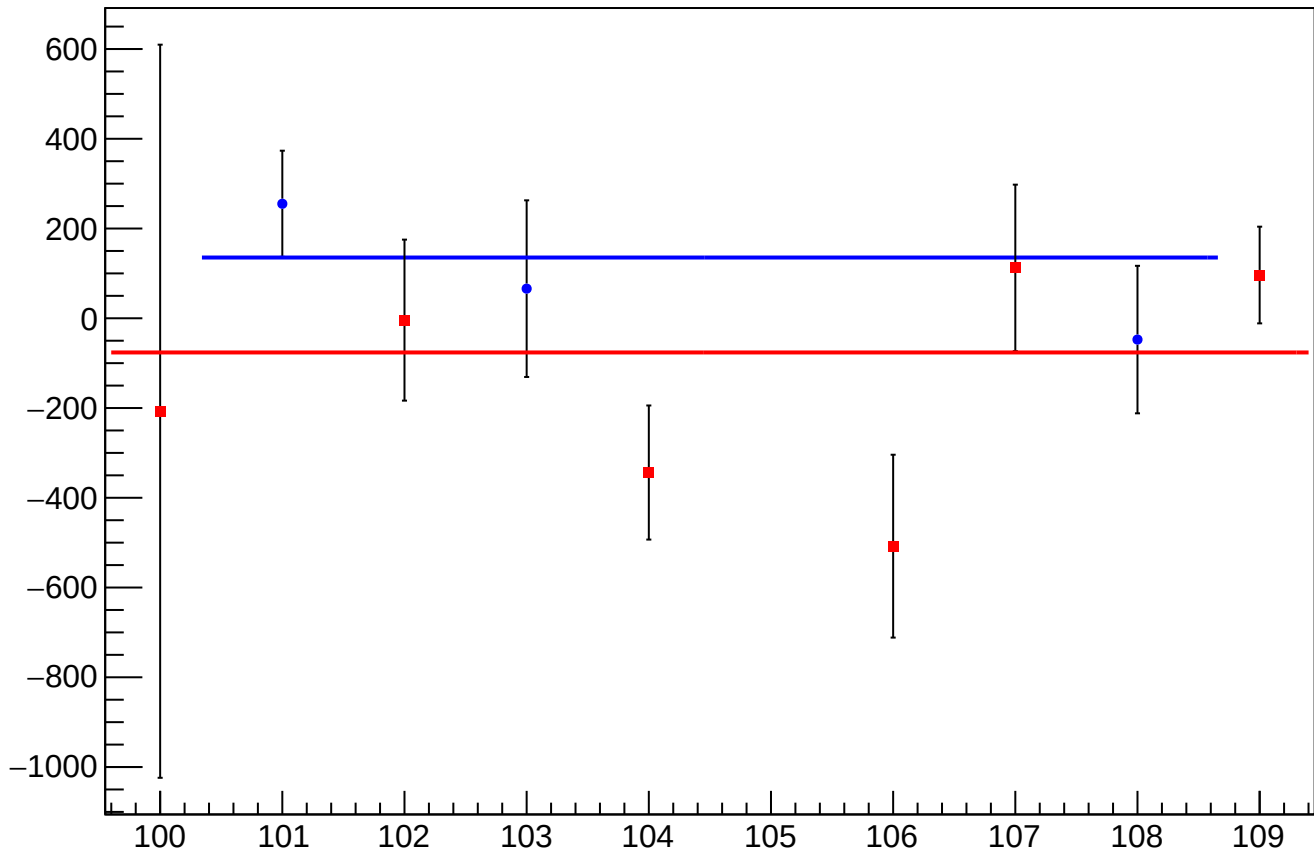
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1003.523 $\pm$ 0.361 χ^2 /NDF: 101667.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 135.384 $\pm$ 86.283 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.165 $\pm$ 67.934 χ^2 /NDF: 11.5/5

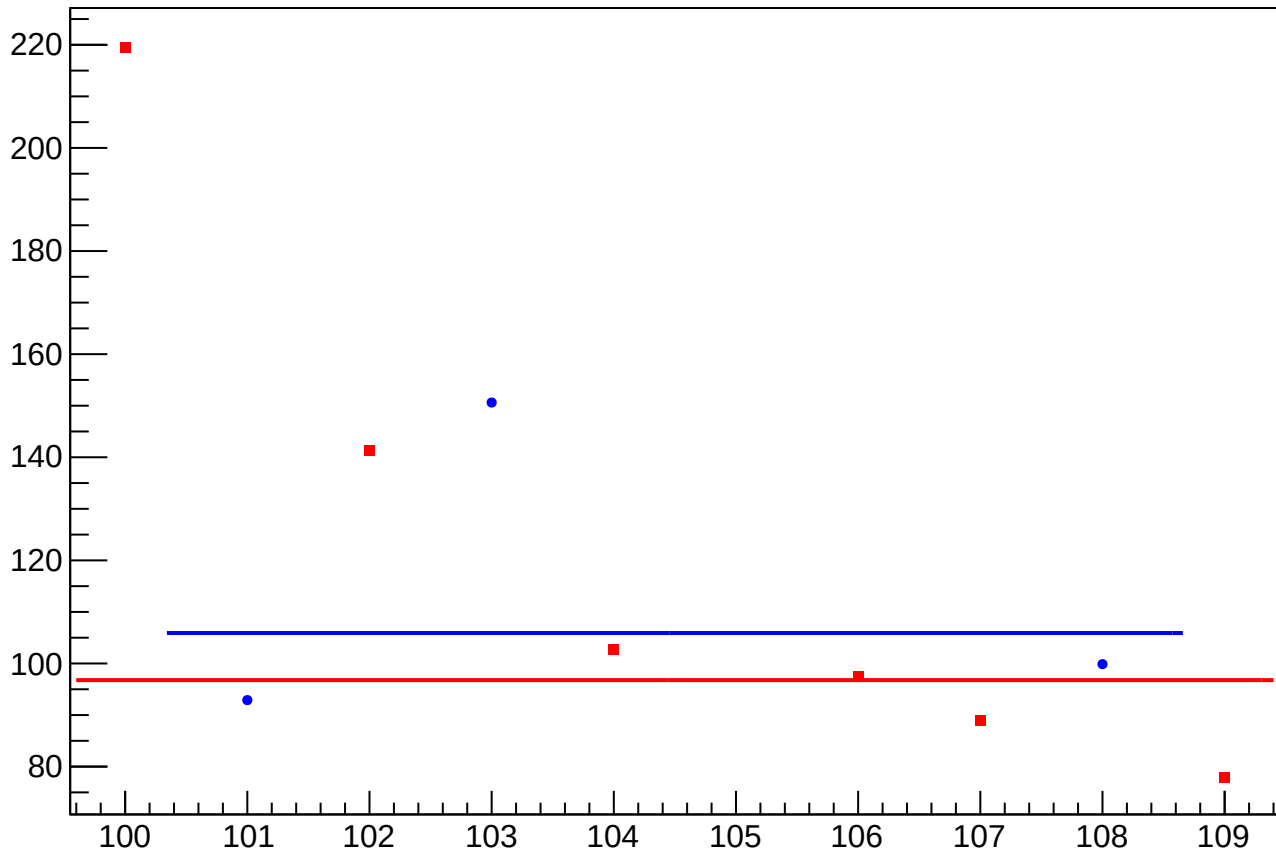
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.790 $\pm$ 53.376 χ^2 /NDF: 17.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 105.912 $\pm$ 0.061 χ^2 /NDF: 130085.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.772 $\pm$ 0.048 χ^2 /NDF: 236283.1/5

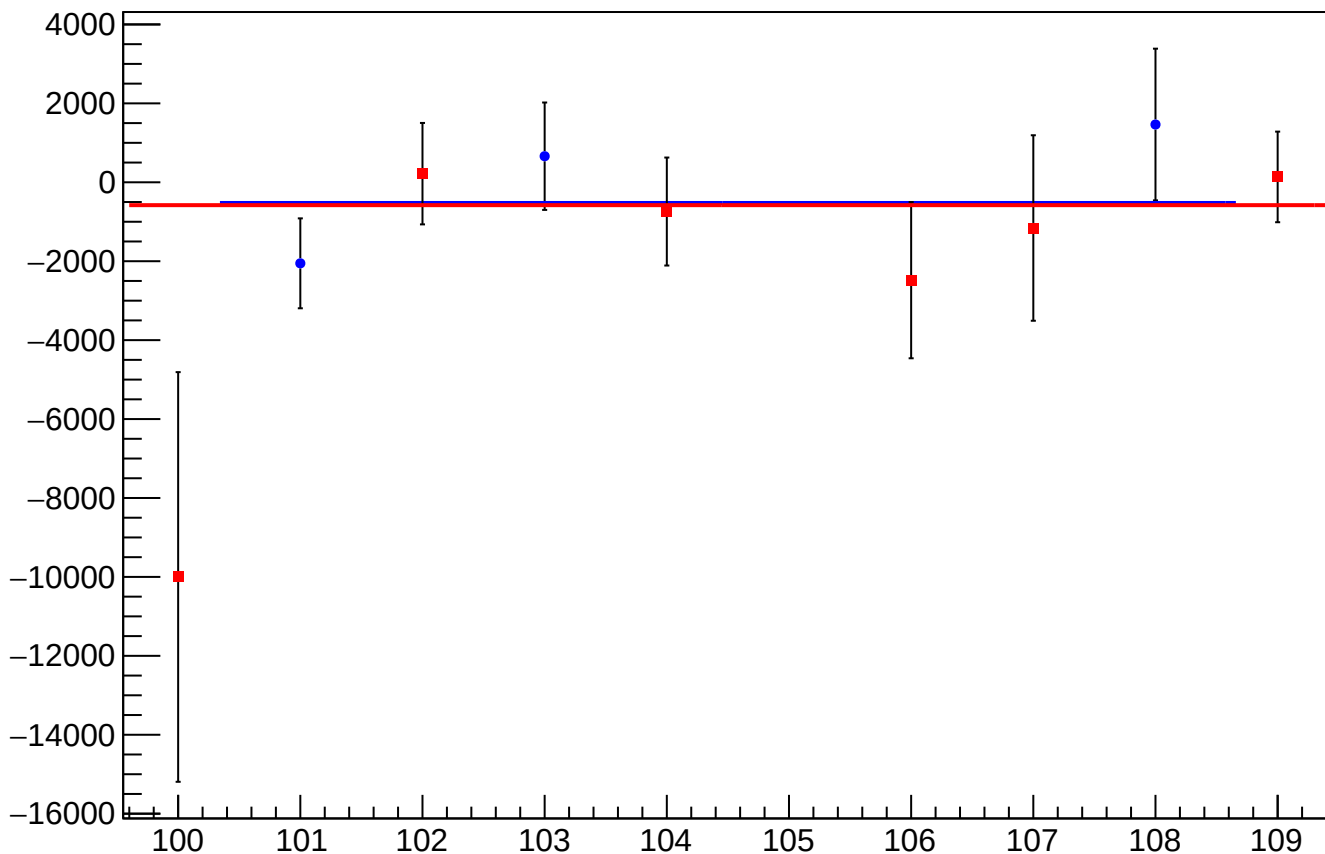
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.270 $\pm$ 0.038 χ^2 /NDF: 380225.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_correction_mean vs Slug



Right In: -524.236+/-795.279 χ^2 /NDF: 3.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -579.449+/-649.374 χ^2 /NDF: 5.1/5

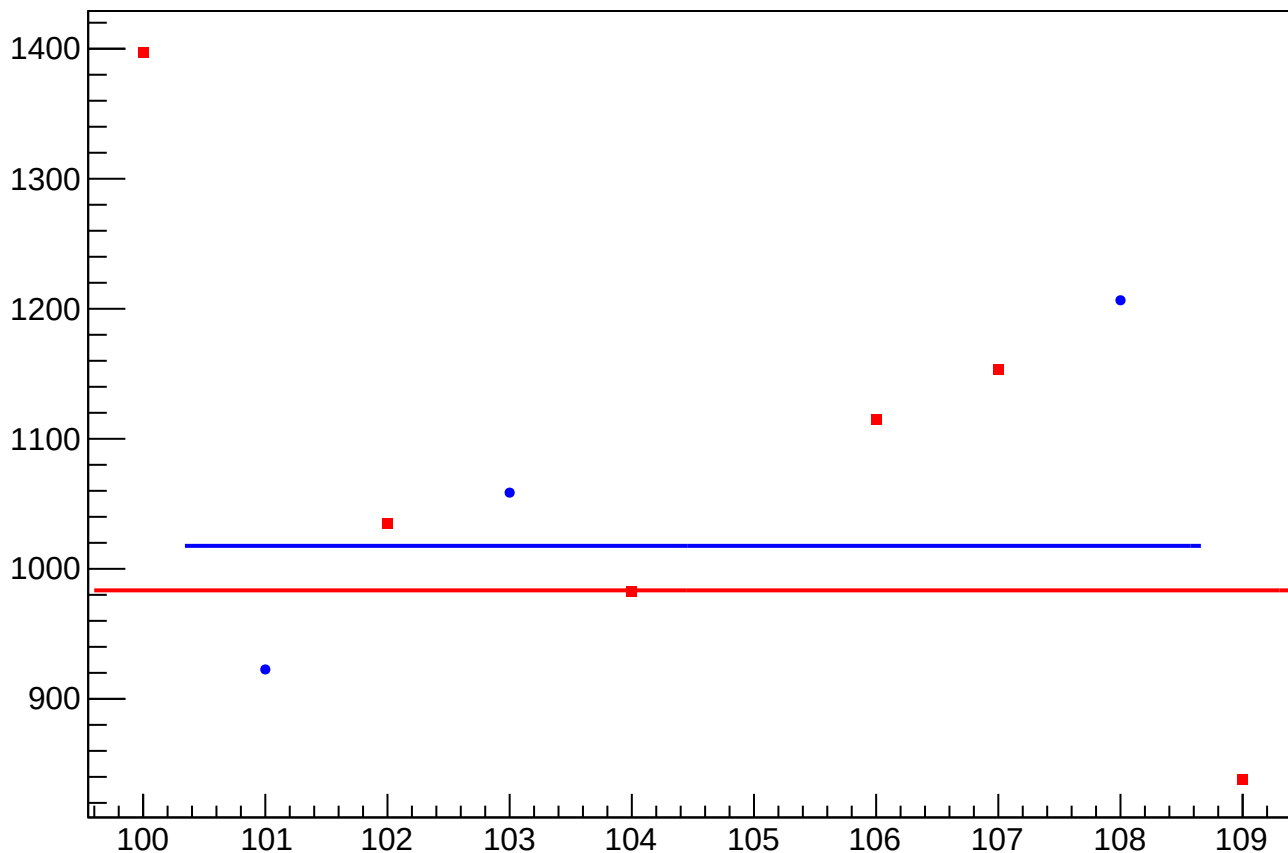
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -557.363+/-502.993 χ^2 /NDF: 8.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 1017.678 $\pm$ 0.562 χ^2 /NDF: 35039.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 983.452 $\pm$ 0.459 χ^2 /NDF: 67354.1/5

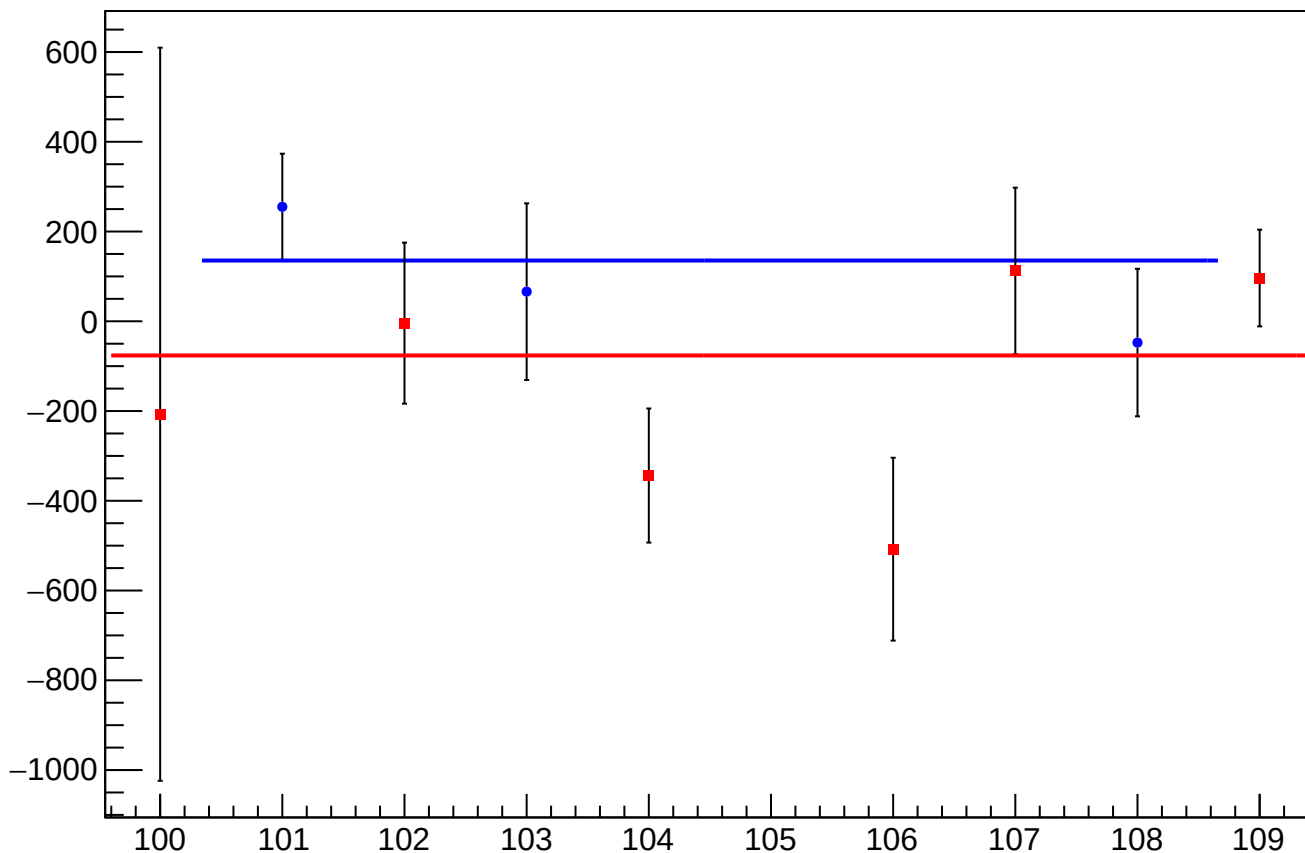
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 997.143 $\pm$ 0.356 χ^2 /NDF: 104616.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 135.384 $\pm$ 86.283 χ^2 /NDF: 2.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -76.165 $\pm$ 67.934 χ^2 /NDF: 11.5/5

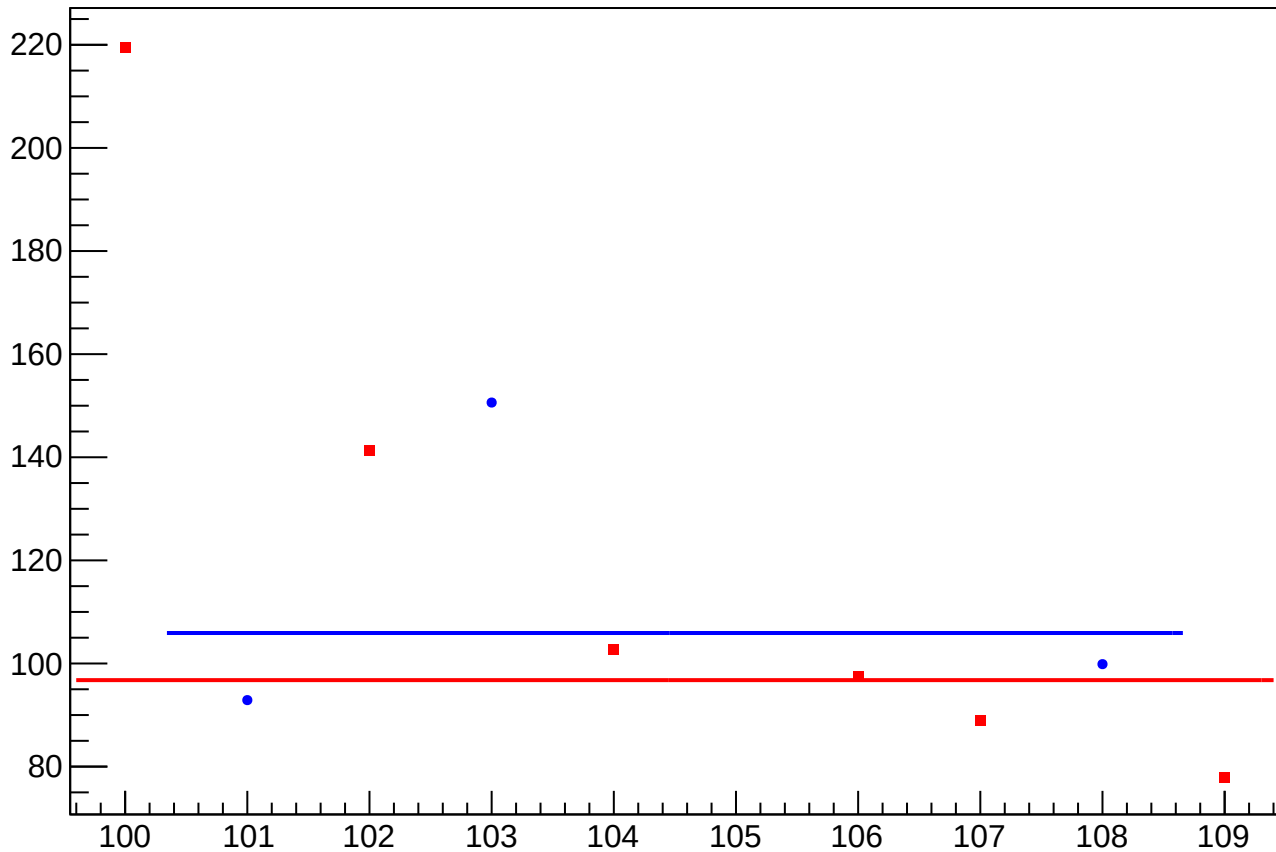
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.790 $\pm$ 53.376 χ^2 /NDF: 17.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 105.913 $\pm$ 0.061 χ^2 /NDF: 130081.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 96.772 $\pm$ 0.048 χ^2 /NDF: 236285.1/5

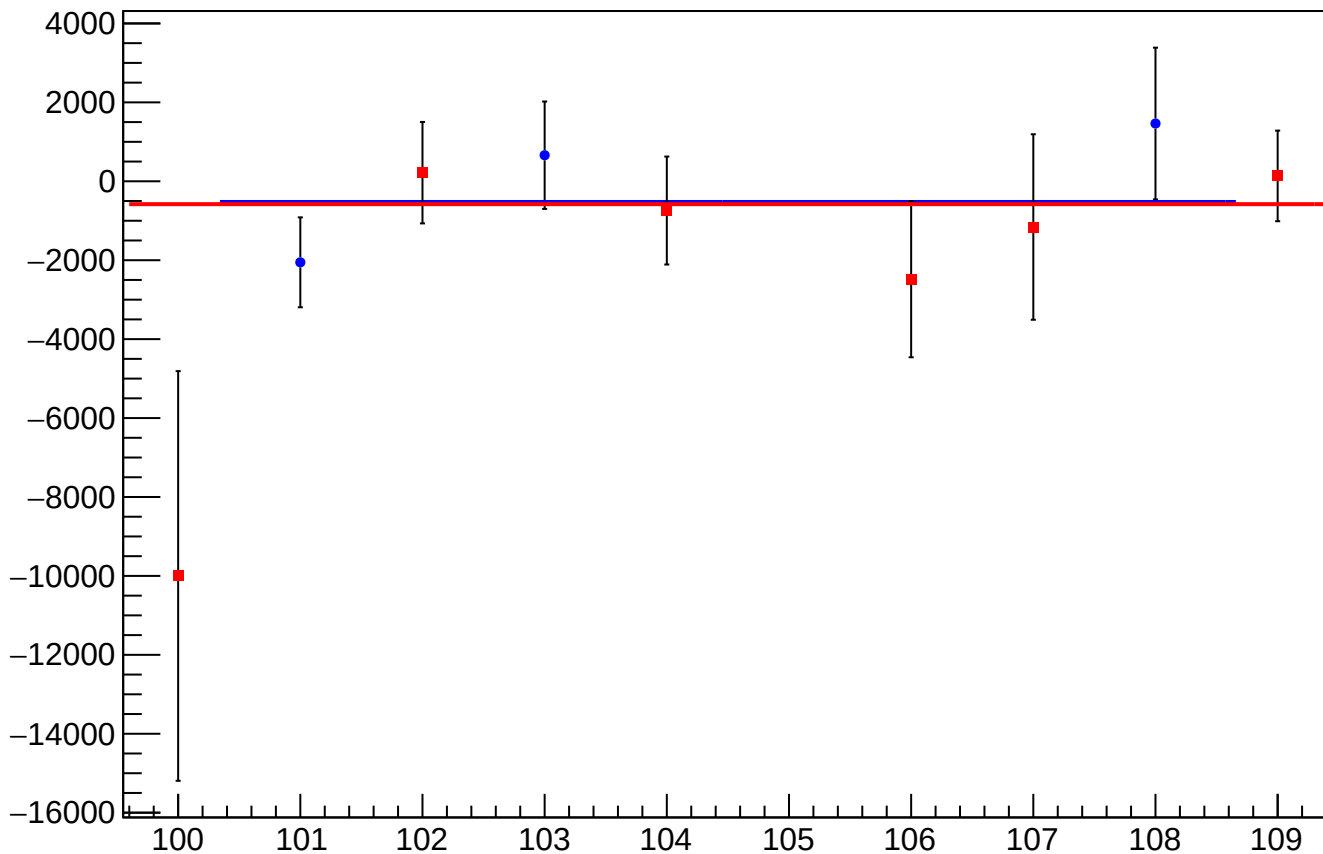
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 100.270 $\pm$ 0.038 χ^2 /NDF: 380224.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: -524.236+/-795.277 χ^2 /NDF: 3.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -579.448+/-649.373 χ^2 /NDF: 5.1/5

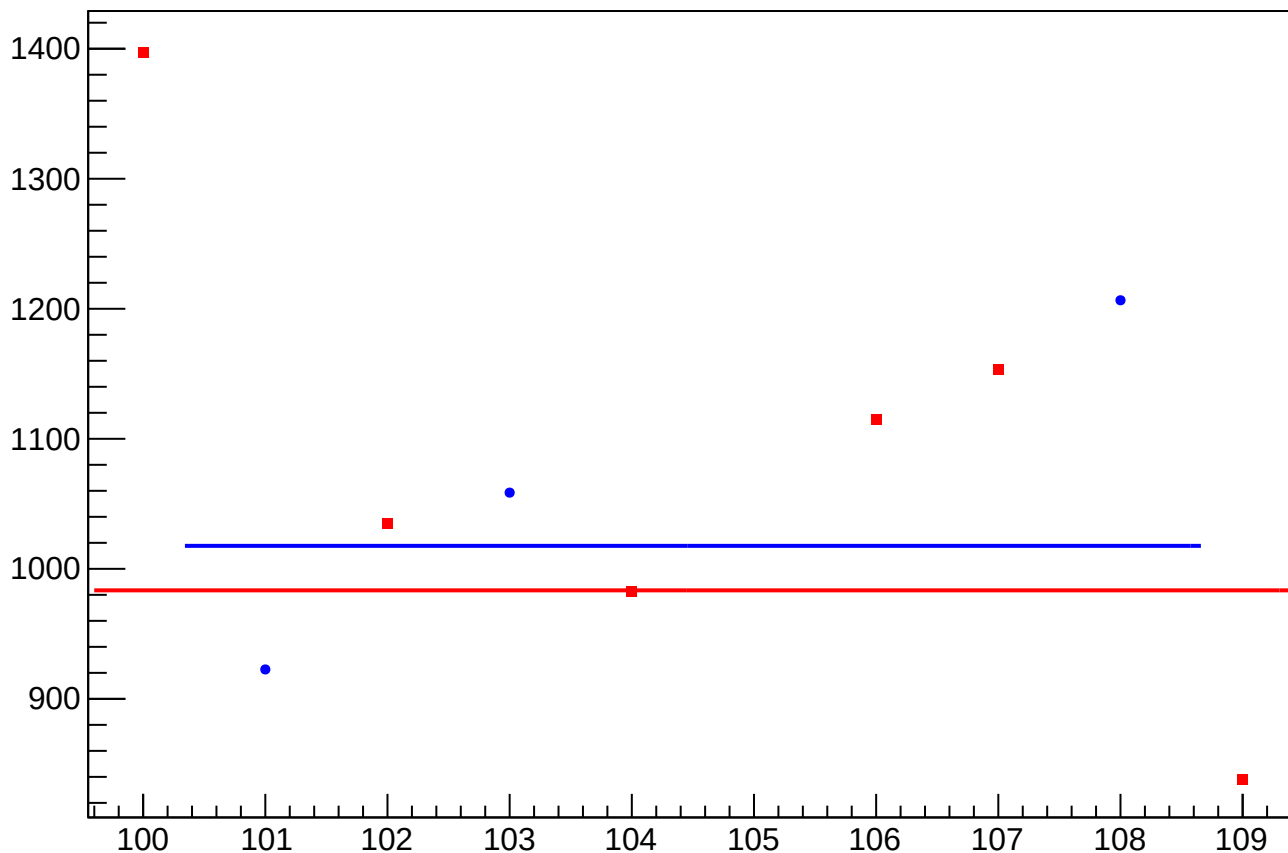
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -557.362+/-502.992 χ^2 /NDF: 8.7/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 1017.676+/-0.562 χ^2/NDF : 35039.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.450+/-0.459 χ^2/NDF : 67354.7/5

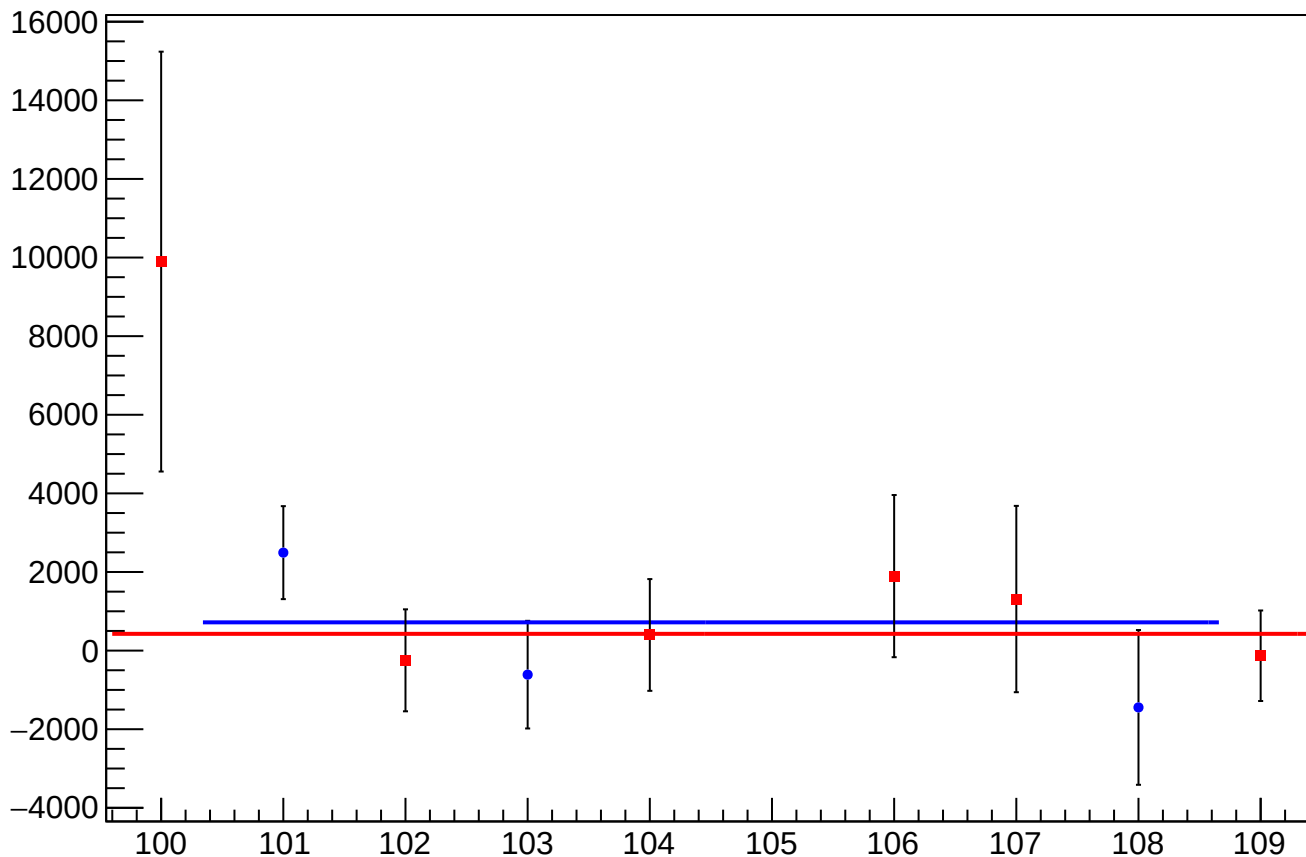
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 997.141+/-0.356 χ^2/NDF : 104616.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: 718.814 $\pm$ 814.864 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 426.355 $\pm$ 660.649 χ^2 /NDF: 4.3/5

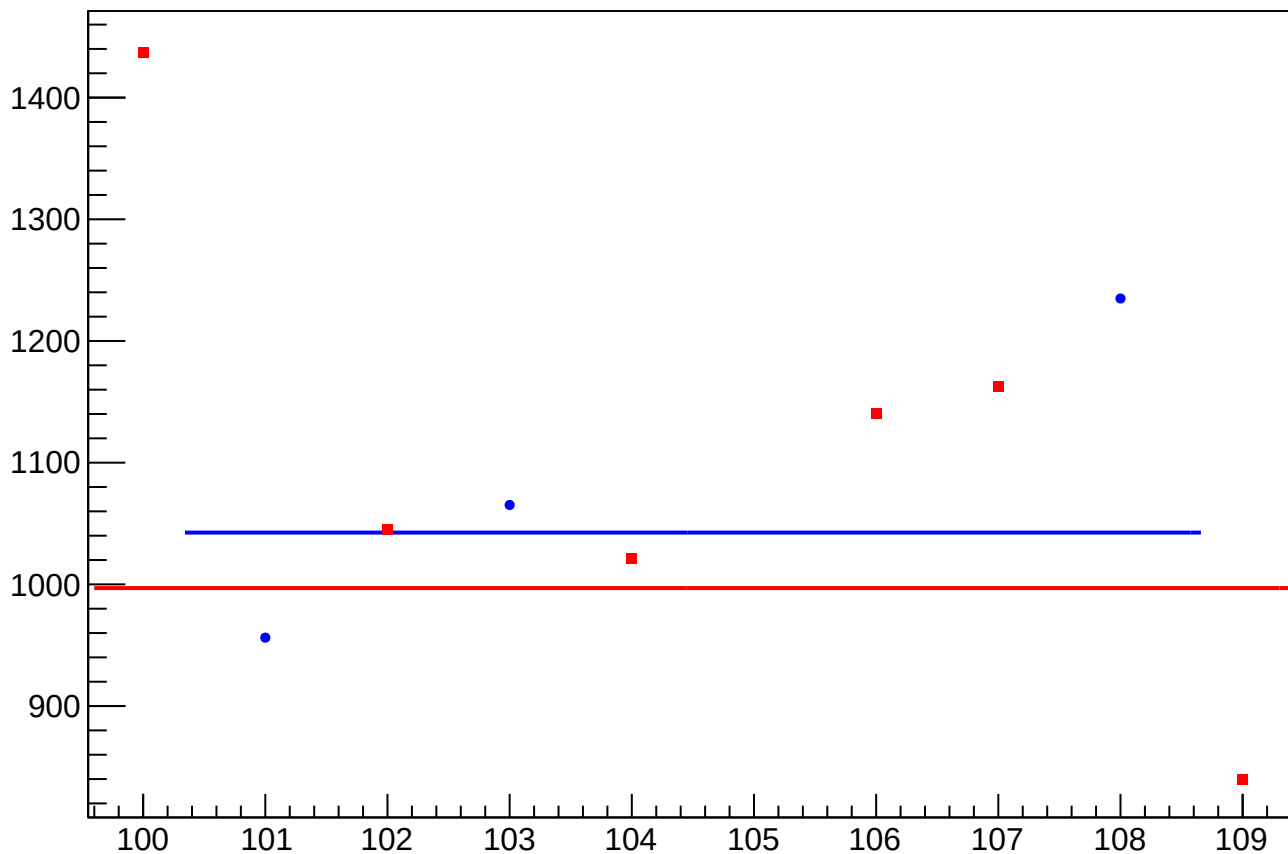
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 542.348 $\pm$ 513.179 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_rms vs Slug



Right In: 1042.562 $\pm$ 0.576 χ^2 /NDF: 30298.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 996.943 $\pm$ 0.467 χ^2 /NDF: 73735.8/5

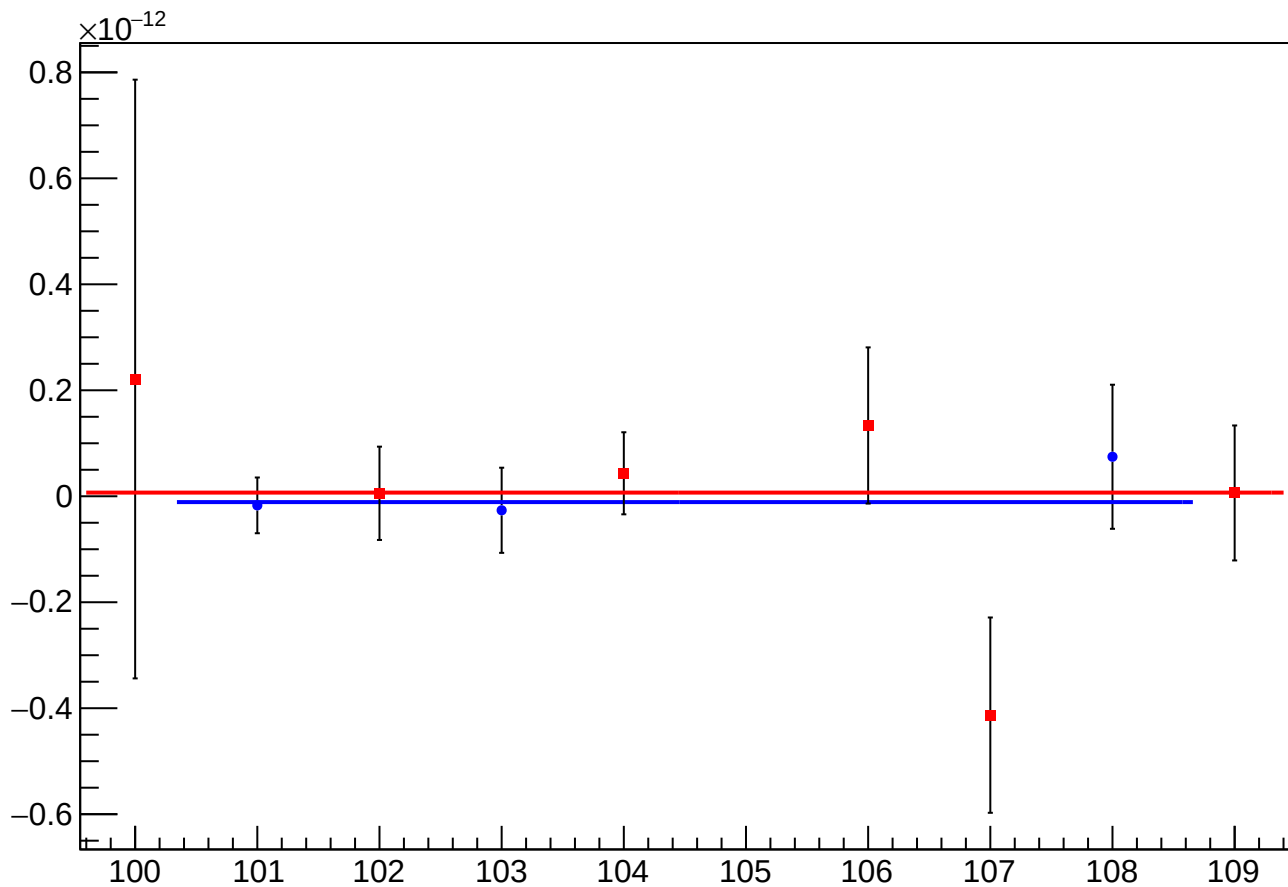
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1015.036 $\pm$ 0.363 χ^2 /NDF: 107816.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 0.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 6.3/5

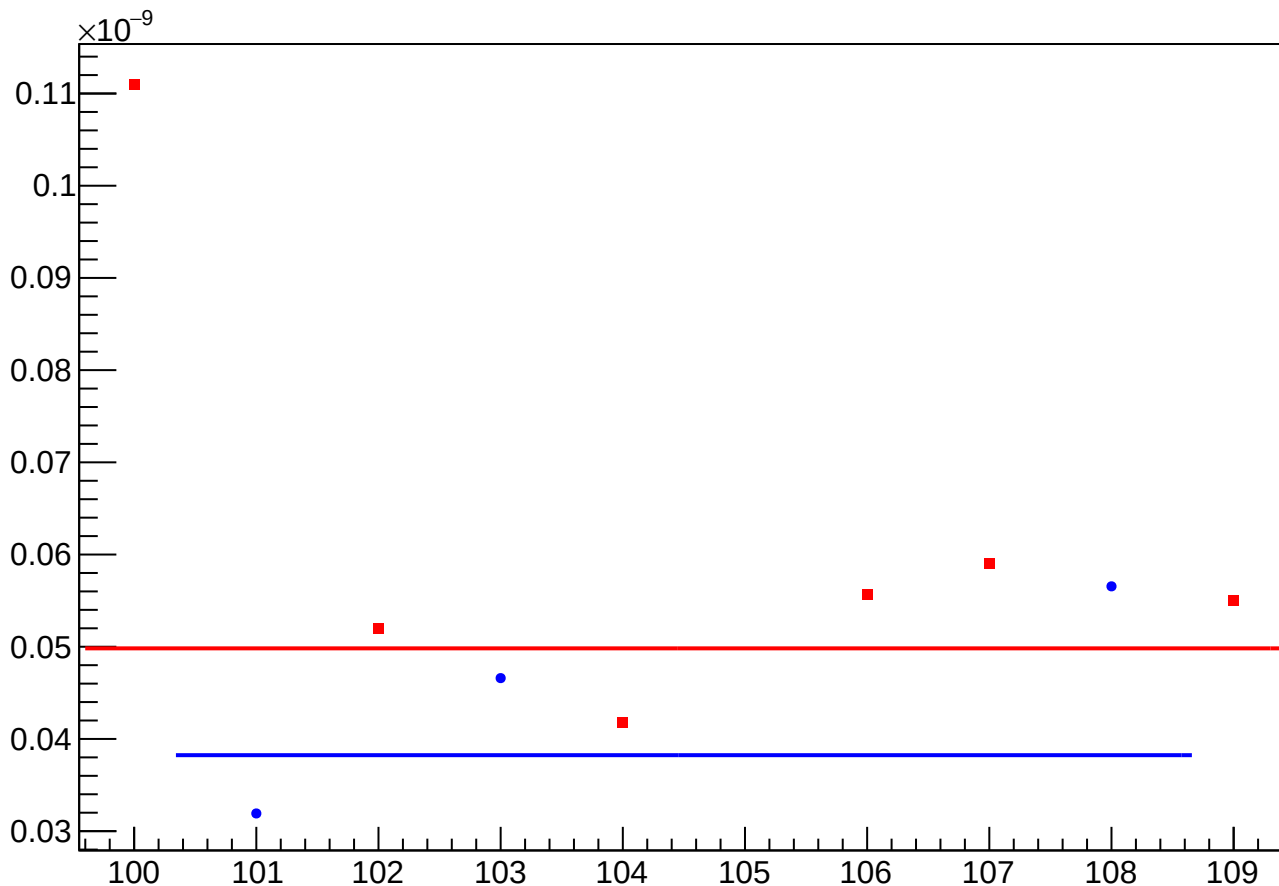
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 6.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 86805.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 57510.0/5

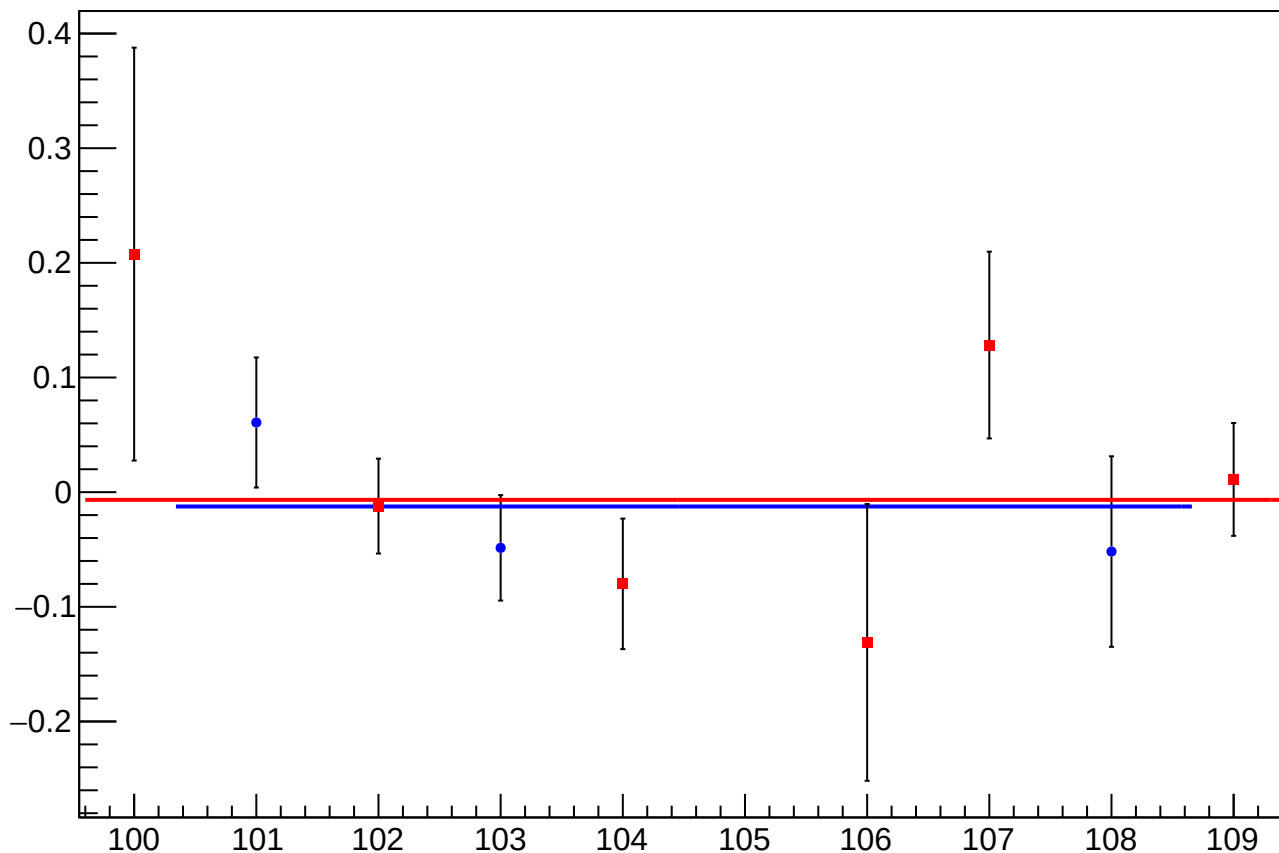
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 210651.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

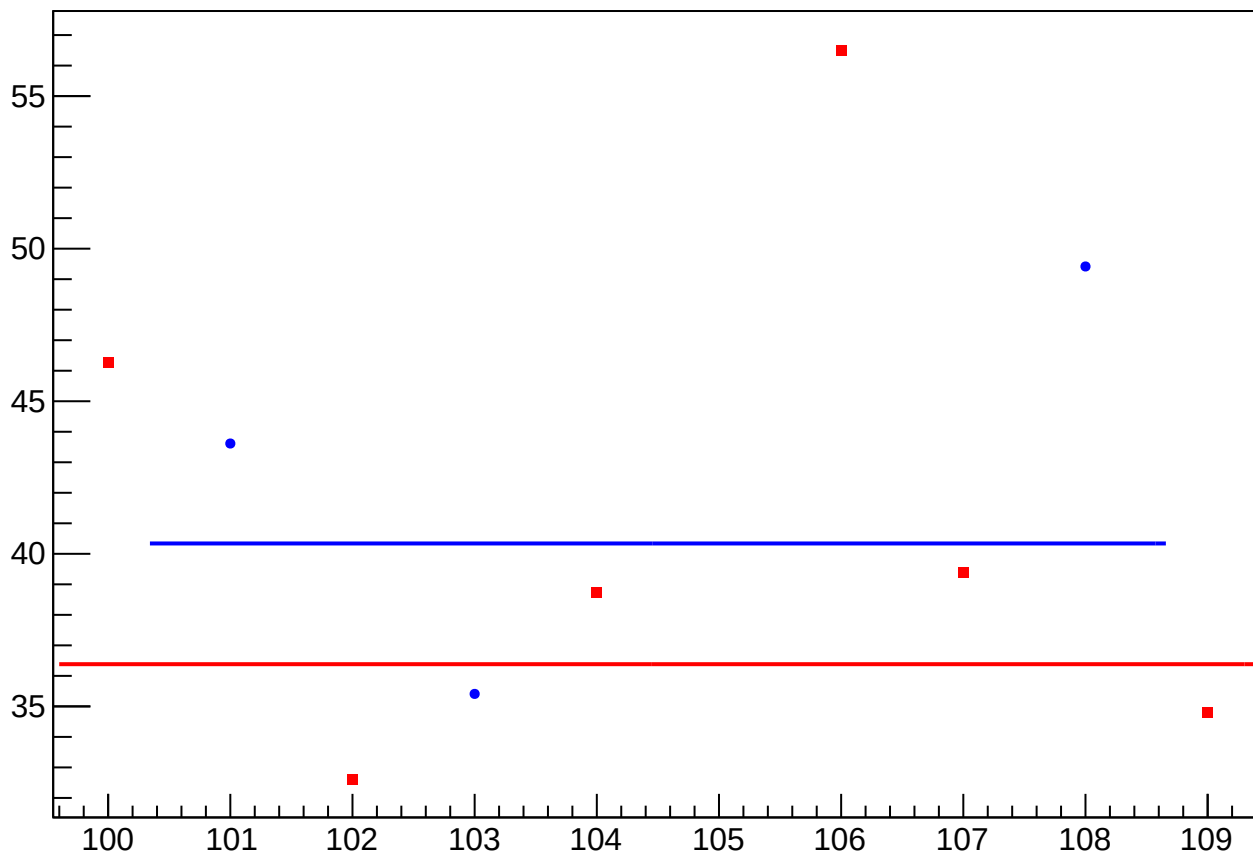
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.020 χ^2 /NDF: 9.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug



Right In: 40.339+/-0.023 χ^2/NDF : 53525.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.383+/-0.018 χ^2/NDF : 86621.2/5

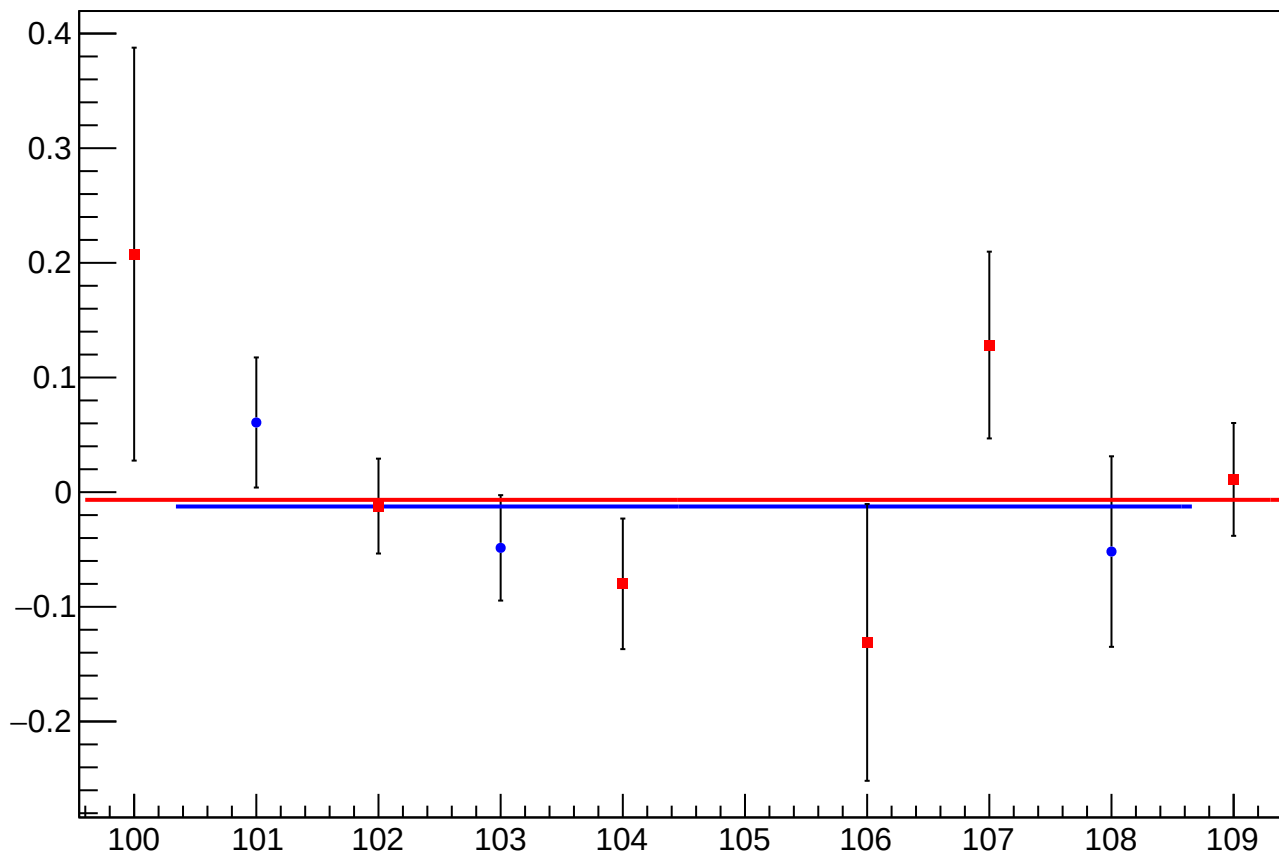
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.862+/-0.014 χ^2/NDF : 158348.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

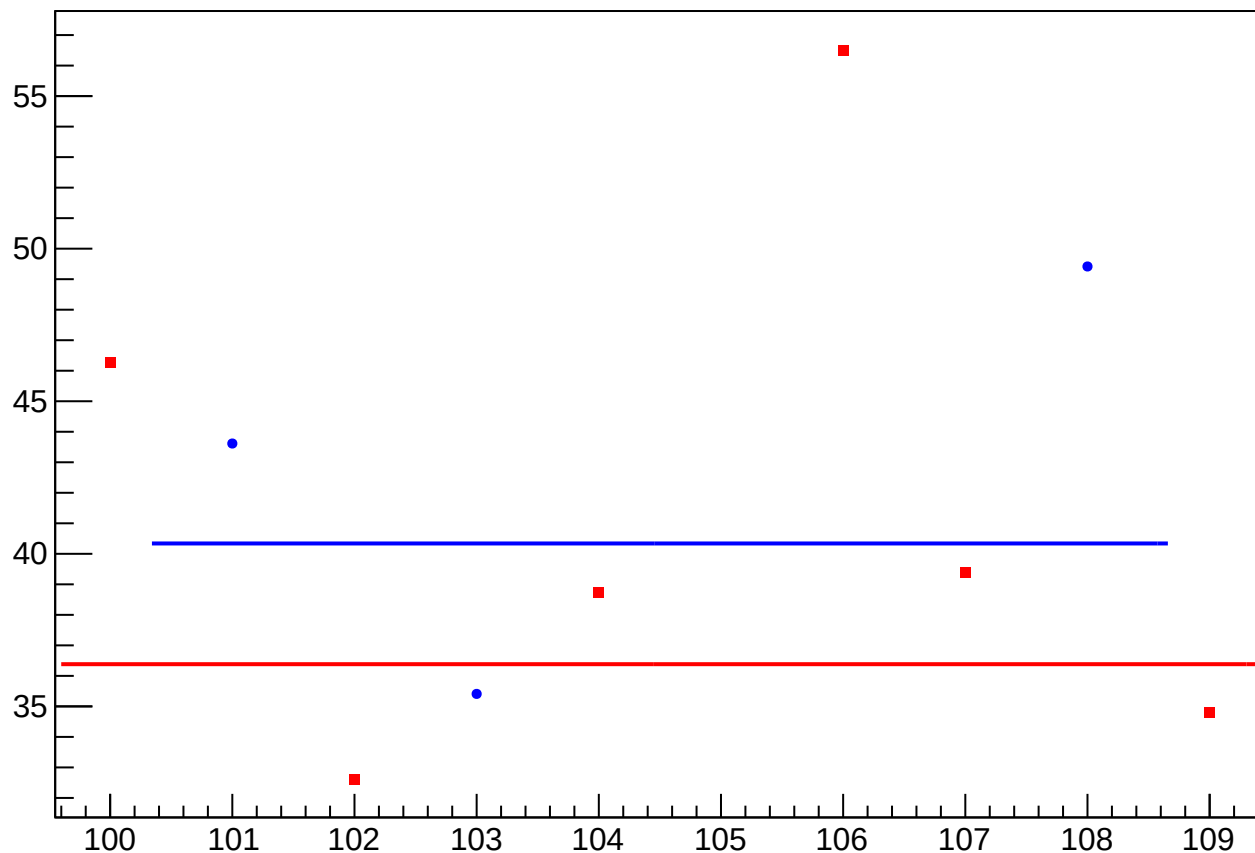
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.020 χ^2 /NDF: 9.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 40.339+/-0.023 χ^2/NDF : 53525.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.383+/-0.018 χ^2/NDF : 86621.2/5

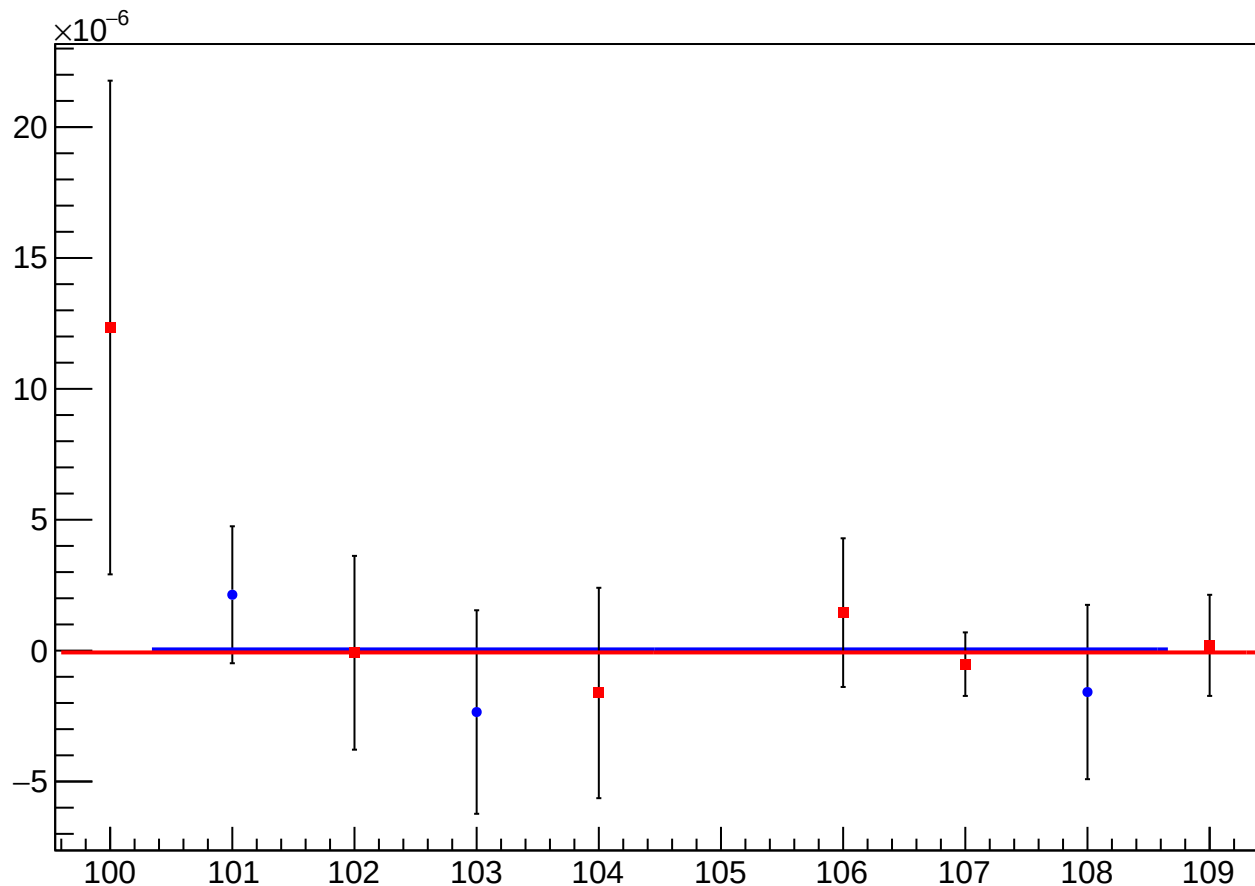
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.862+/-0.014 χ^2/NDF : 158348.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 2.3/5

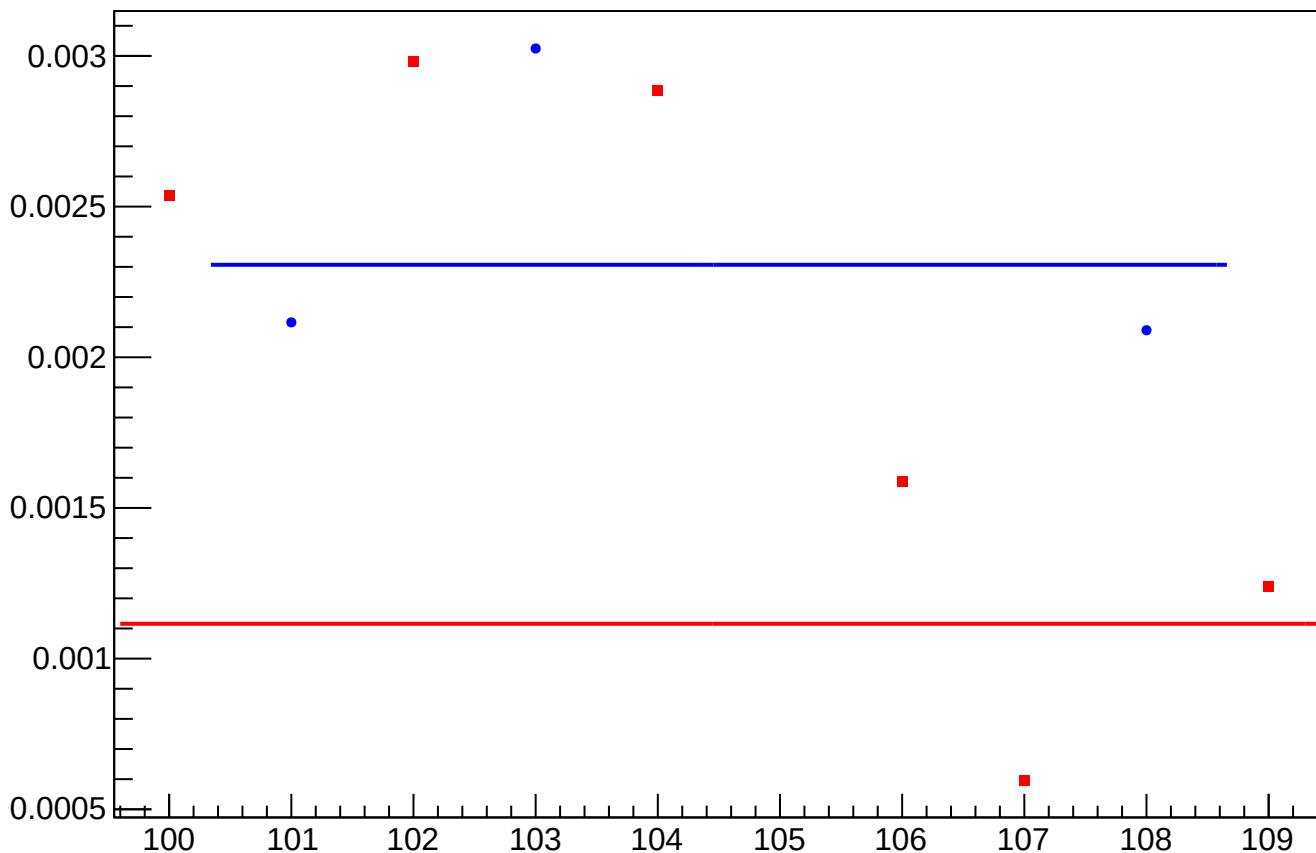
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 3.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 87336.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 1372821.6/5

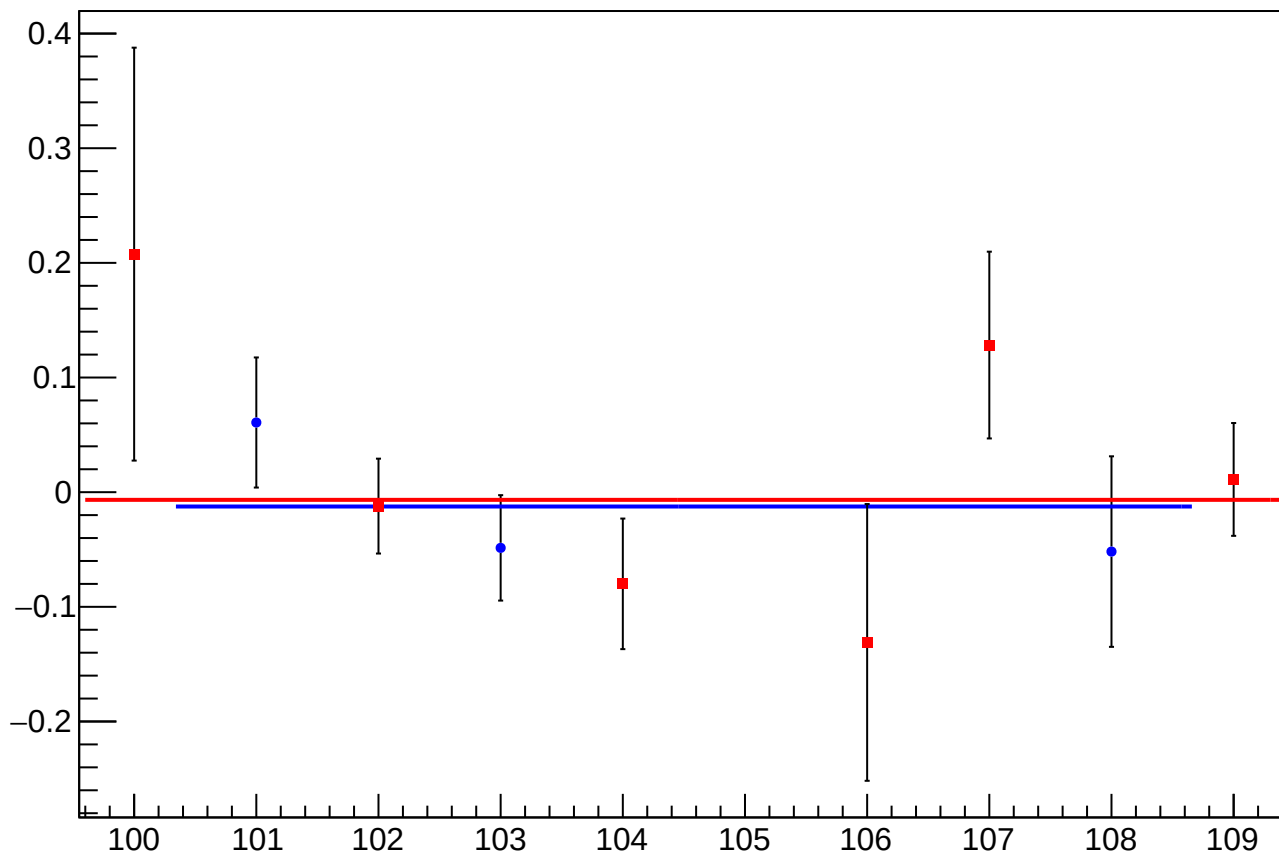
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.000 χ^2 /NDF: 2147749.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

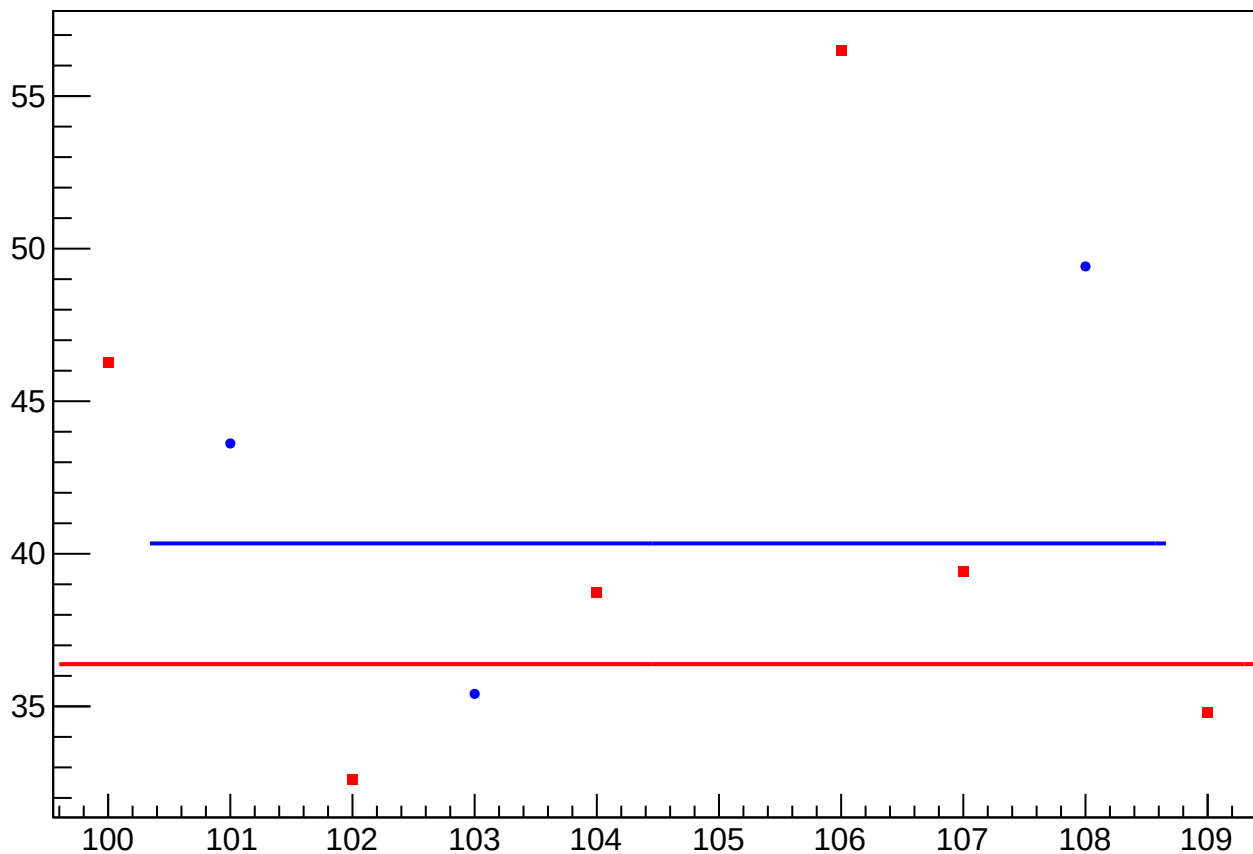
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.020 χ^2 /NDF: 9.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 40.339+/-0.023 χ^2/NDF : 53538.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.383+/-0.018 χ^2/NDF : 86629.0/5

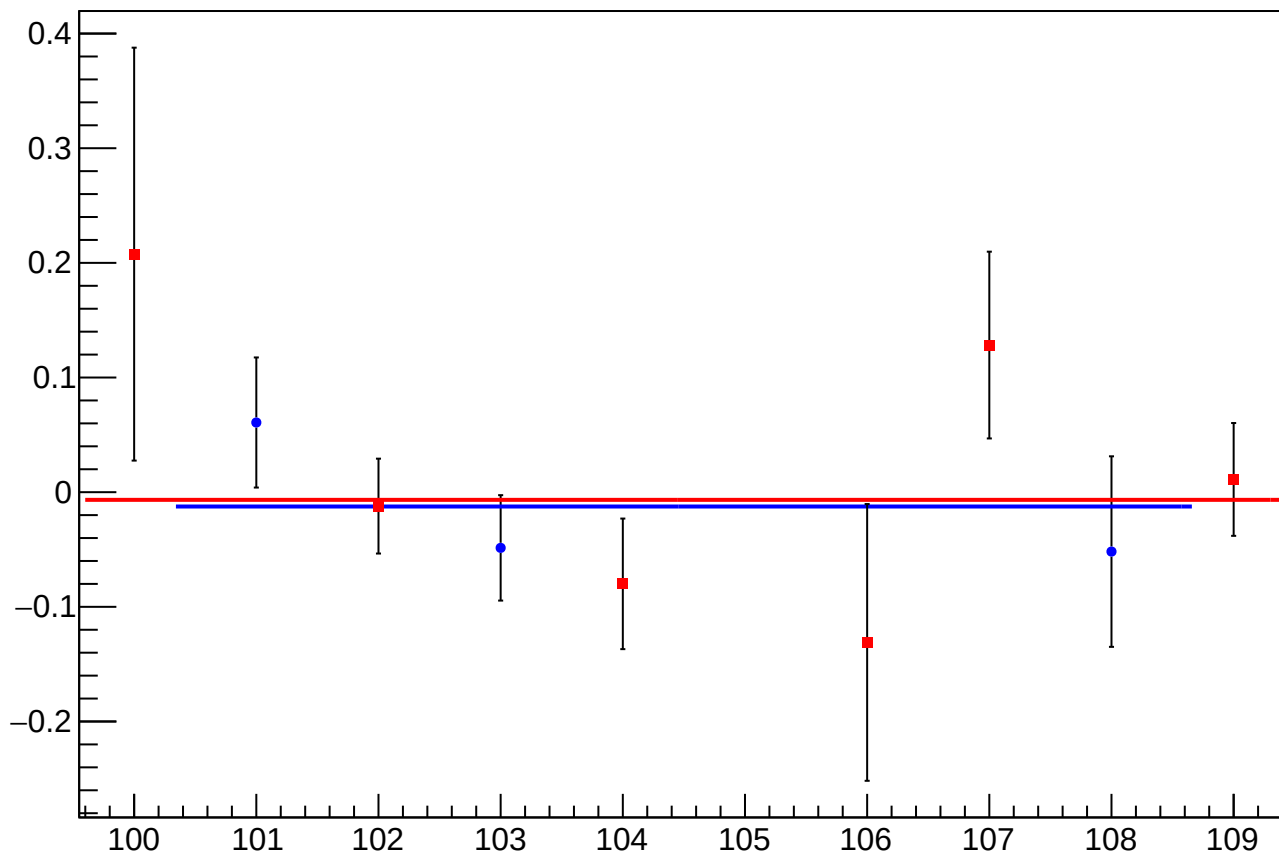
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.862+/-0.014 χ^2/NDF : 158371.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.013 $\pm$ 0.033 χ^2 /NDF: 2.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.007 $\pm$ 0.025 χ^2 /NDF: 7.0/5

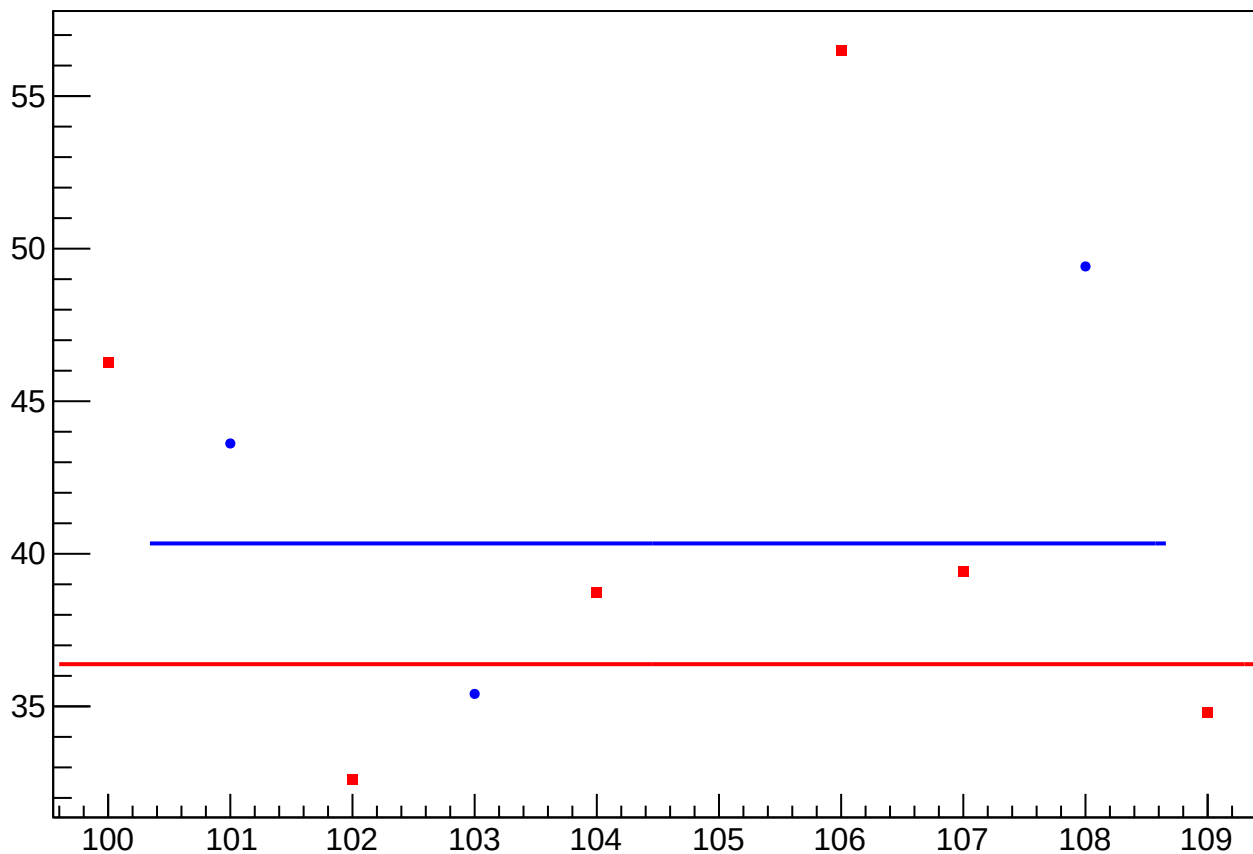
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.009 $\pm$ 0.020 χ^2 /NDF: 9.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 40.339+/-0.023 χ^2/NDF : 53538.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.383+/-0.018 χ^2/NDF : 86629.0/5

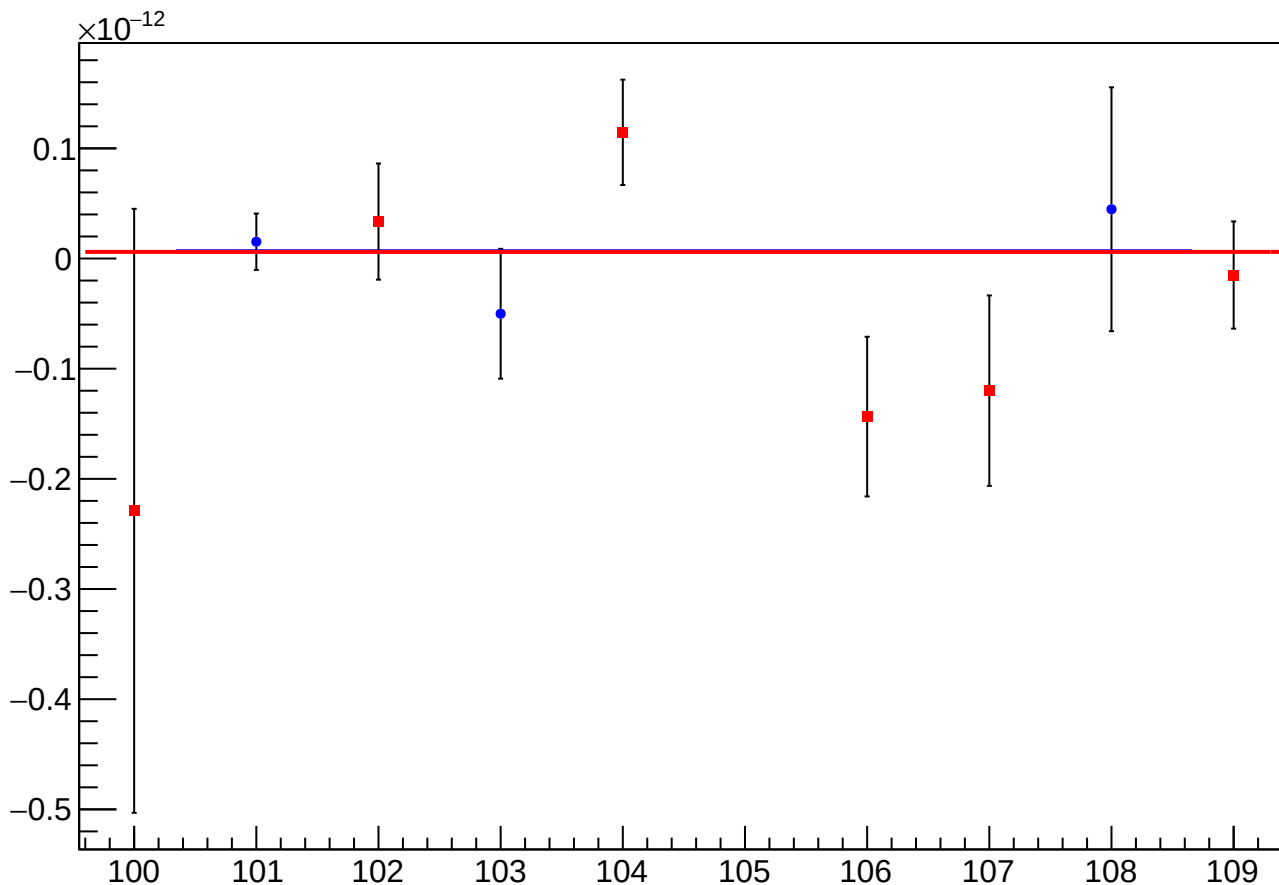
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.862+/-0.014 χ^2/NDF : 158371.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/5

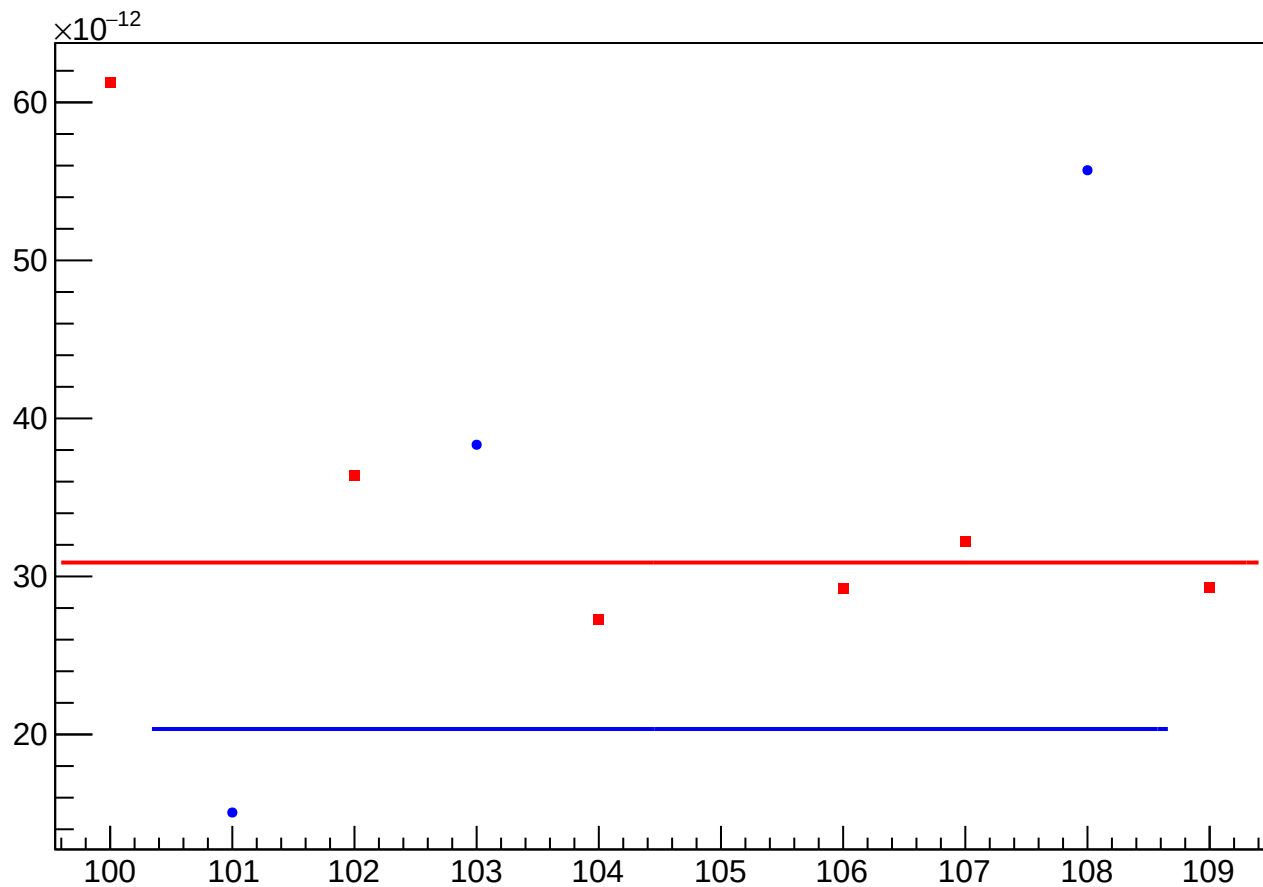
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 475899.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 61213.0/5

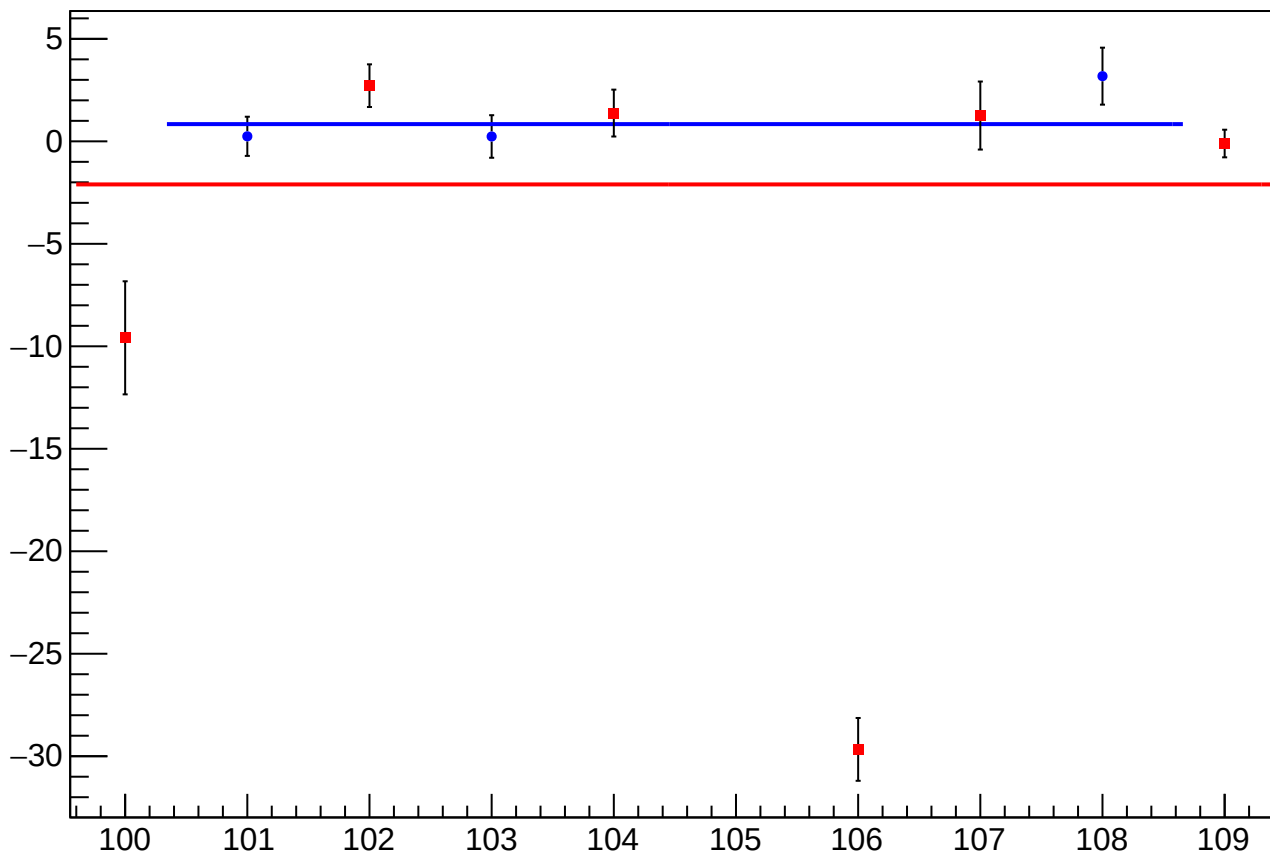
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 726888.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: 0.840 ± 0.627 $\chi^2/\text{NDF}: 3.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.102 ± 0.456 $\chi^2/\text{NDF}: 374.4/5$

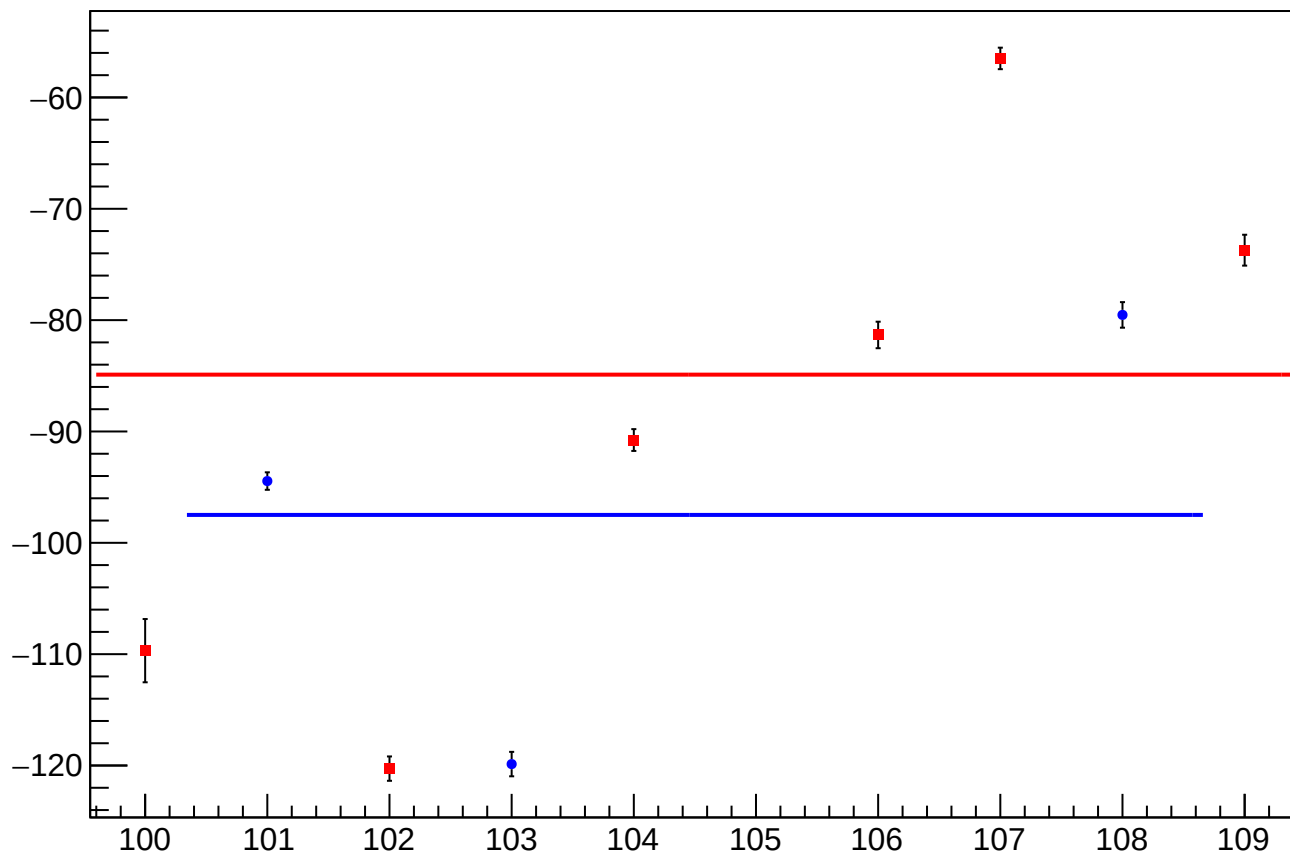
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.085 ± 0.369 $\chi^2/\text{NDF}: 392.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -97.494 ± 0.558 $\chi^2/\text{NDF}: 675.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -84.895 ± 0.482 $\chi^2/\text{NDF}: 2098.5/5$

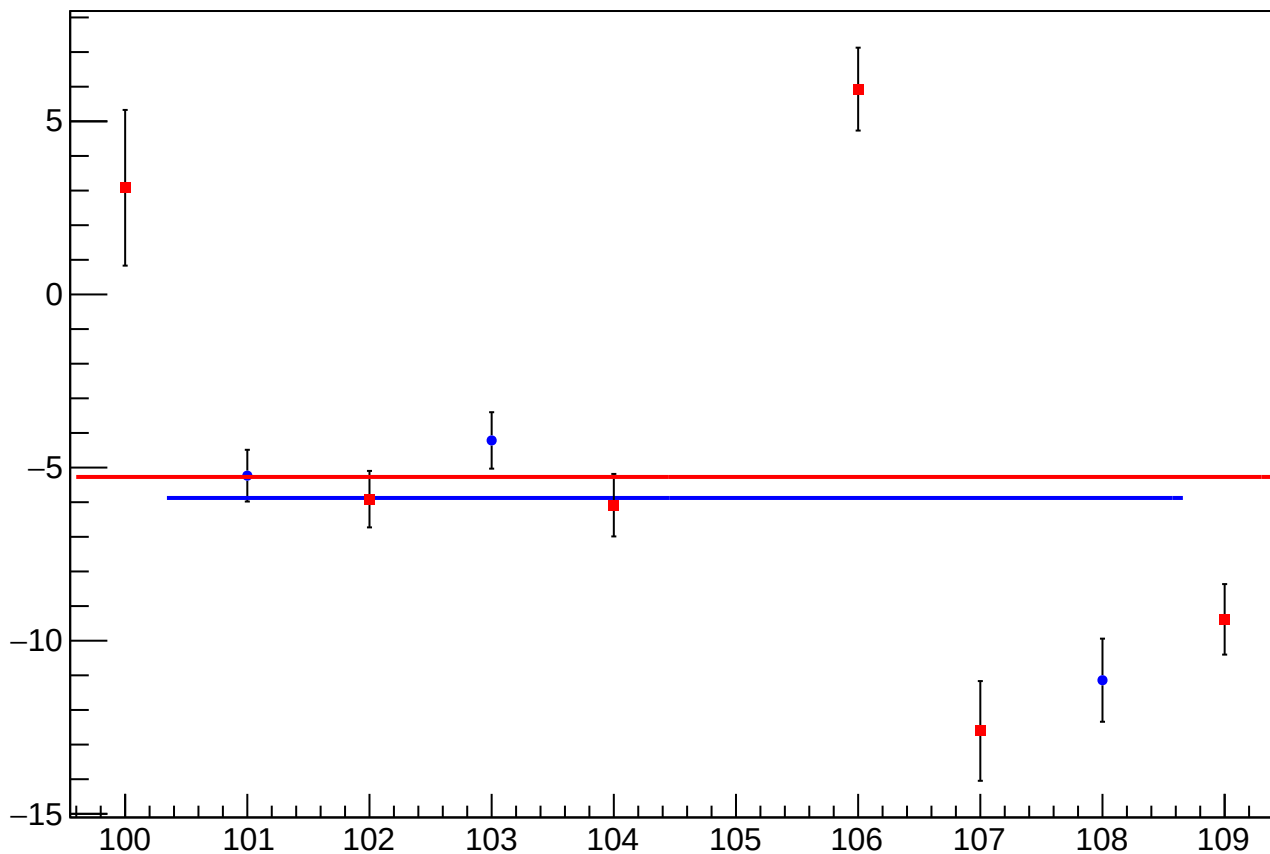
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -90.280 ± 0.365 $\chi^2/\text{NDF}: 3065.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -5.877 ± 0.501 χ^2/NDF : 24.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.271 ± 0.444 χ^2/NDF : 145.1/5

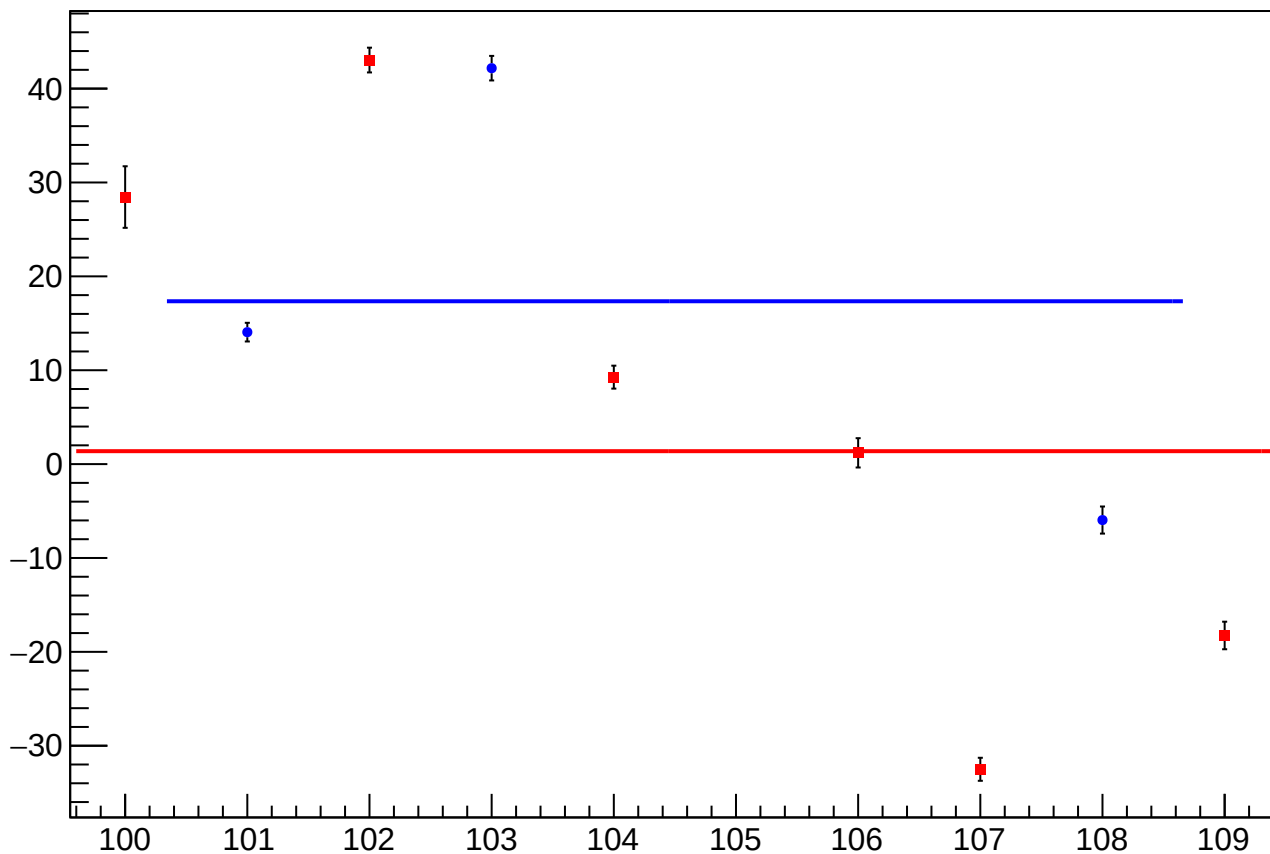
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.538 ± 0.332 χ^2/NDF : 170.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 17.348 $\pm$ 0.694 χ^2 /NDF: 632.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.377 $\pm$ 0.590 χ^2 /NDF: 2049.9/5

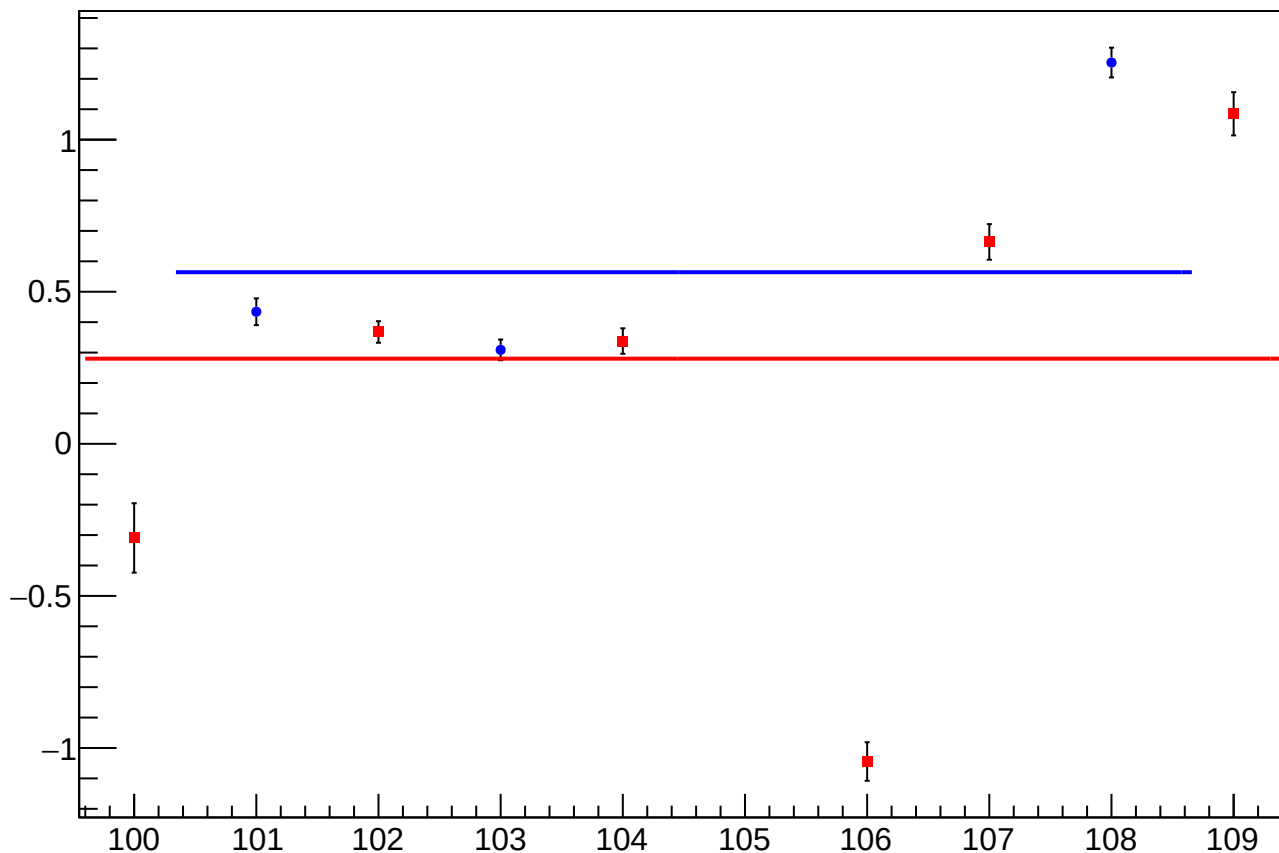
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.071 $\pm$ 0.449 χ^2 /NDF: 2989.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.564 $\pm$ 0.024 χ^2 /NDF: 263.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.280 $\pm$ 0.021 χ^2 /NDF: 643.0/5

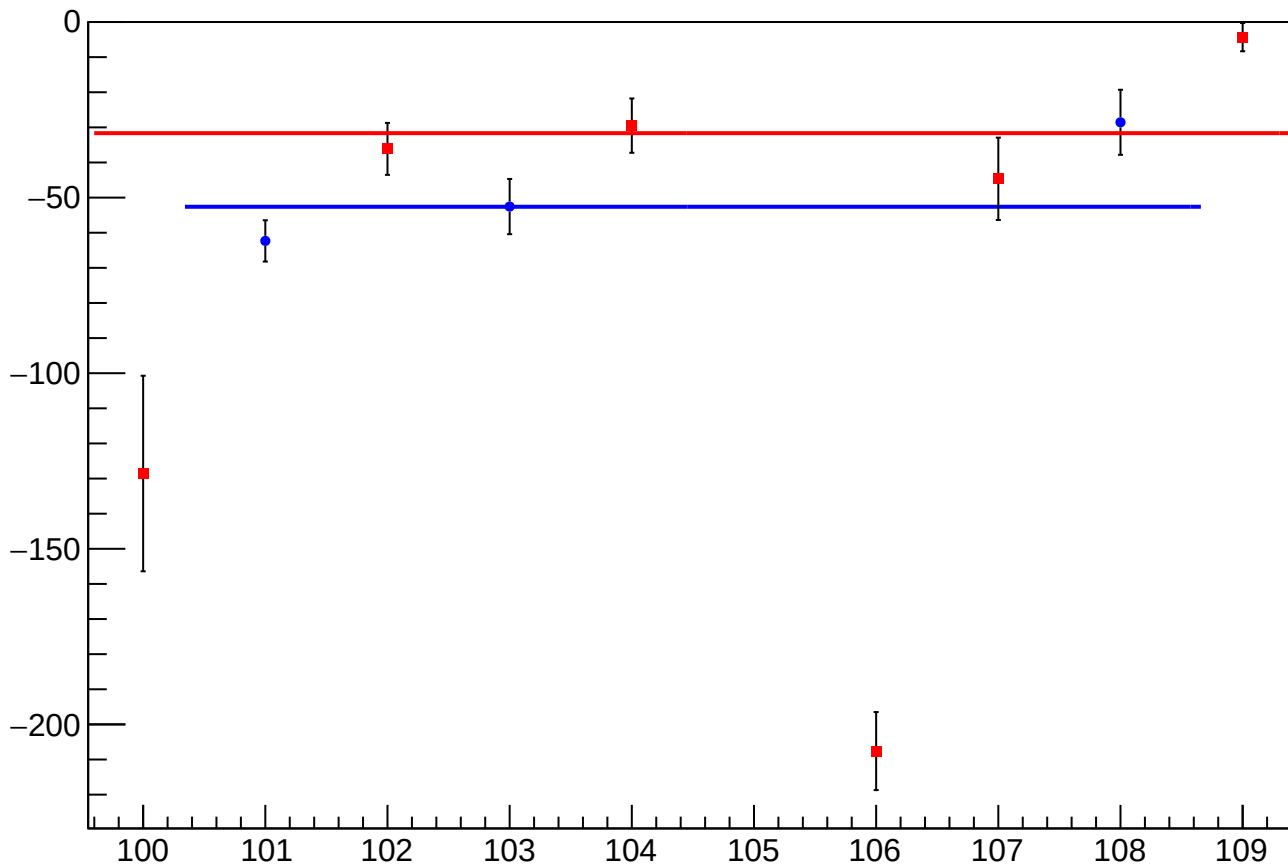
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.408 $\pm$ 0.016 χ^2 /NDF: 986.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -52.605 ± 4.197 χ^2/NDF : 9.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.649 ± 2.968 χ^2/NDF : 310.8/5

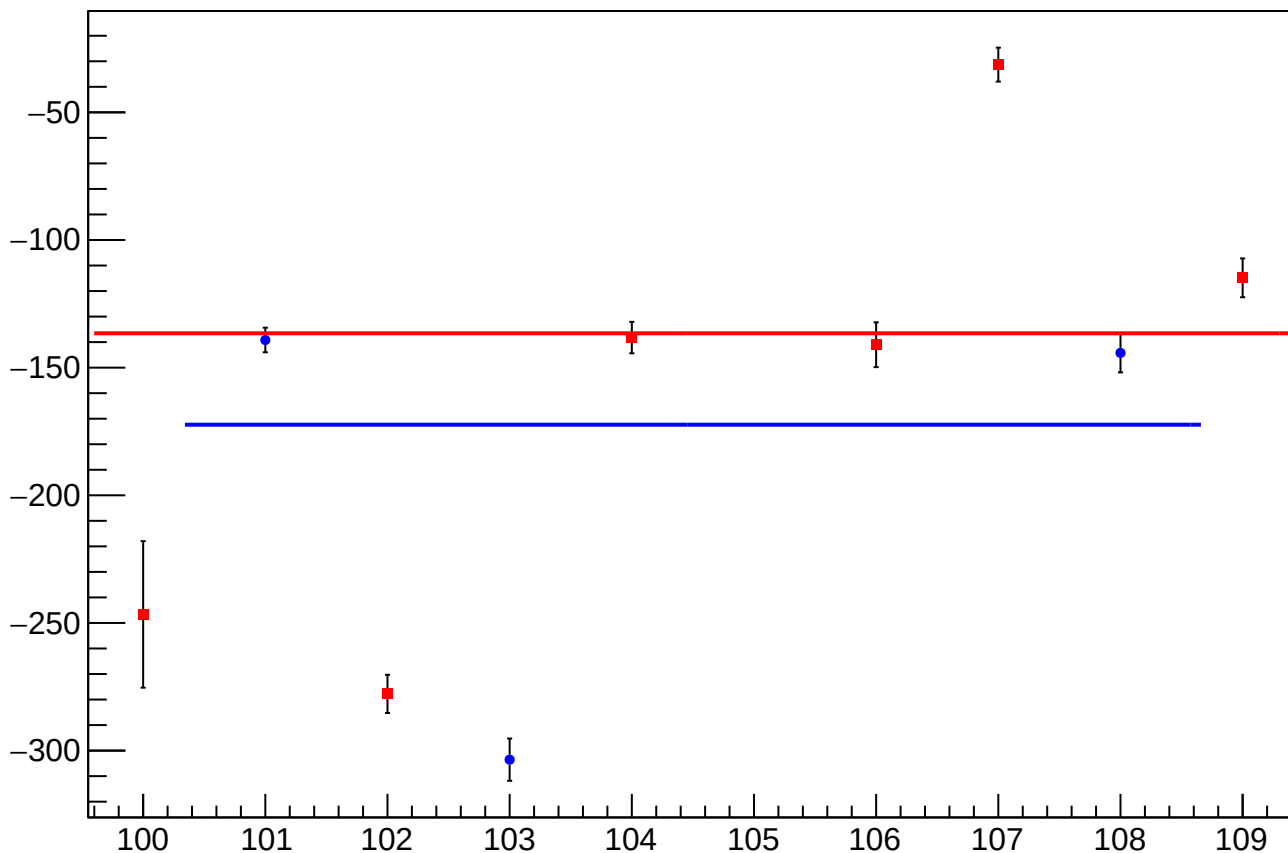
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.635 ± 2.423 χ^2/NDF : 336.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -172.348 ± 3.652 χ^2/NDF : 312.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -136.547 ± 3.189 χ^2/NDF : 630.0/5

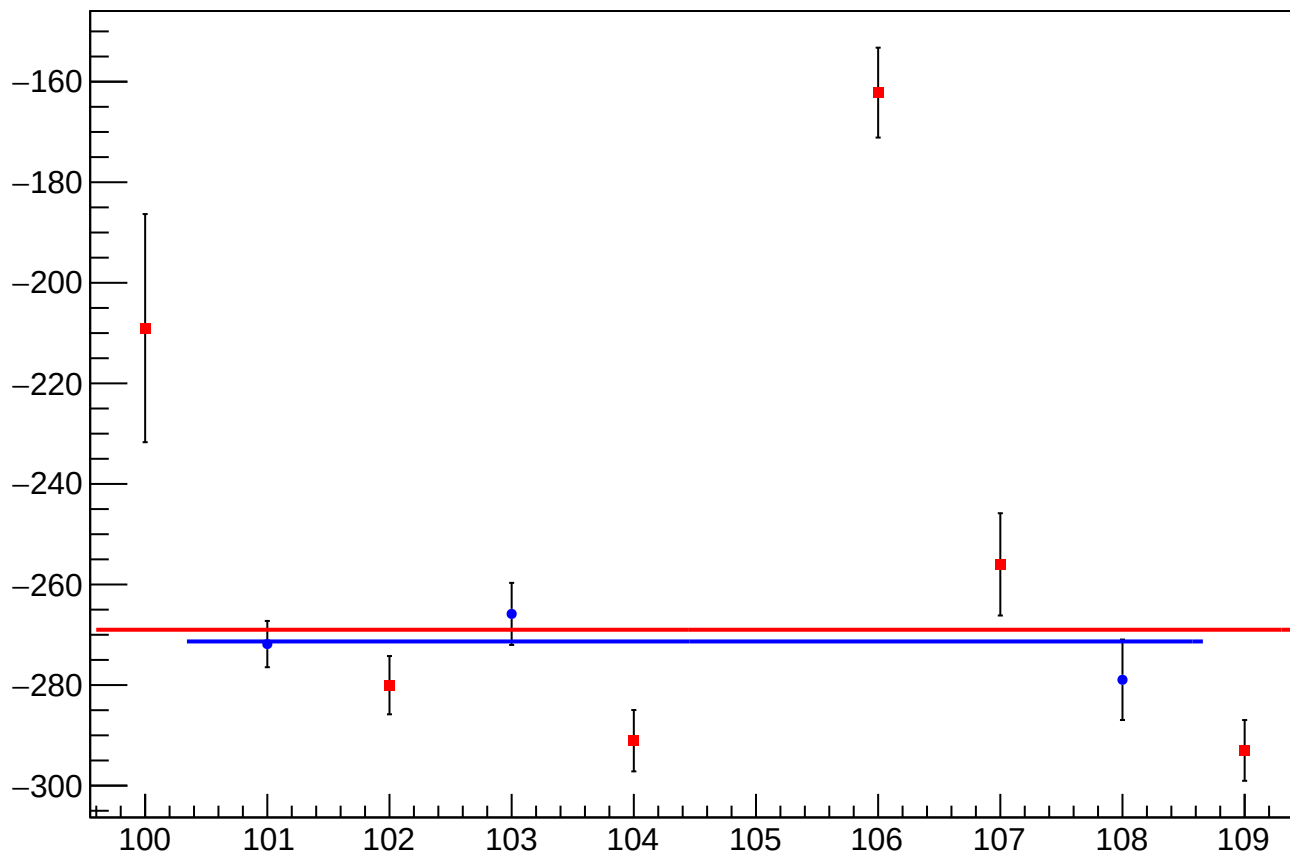
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -152.037 ± 2.402 χ^2/NDF : 997.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -271.327 ± 3.351 χ^2/NDF : 1.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -268.999 ± 3.040 χ^2/NDF : 183.9/5

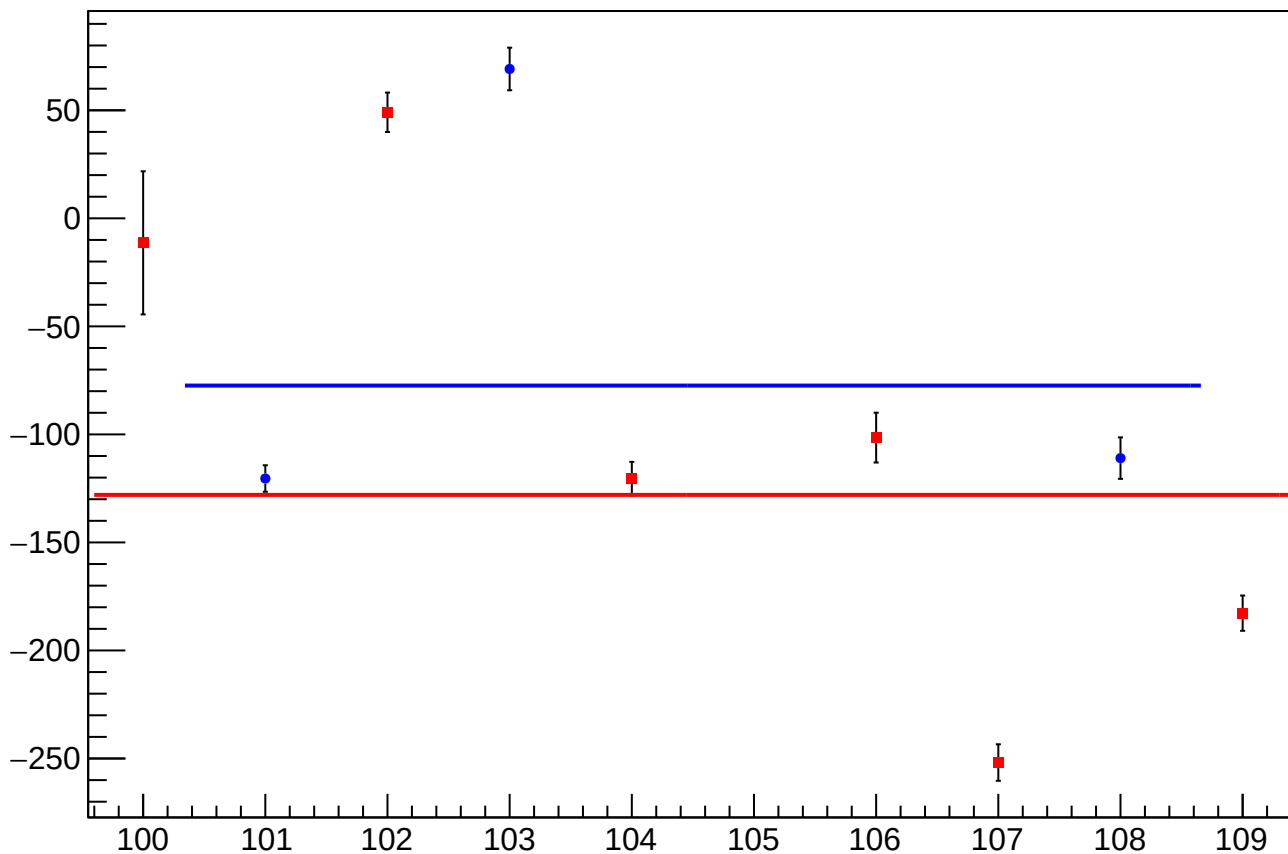
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -270.050 ± 2.252 χ^2/NDF : 185.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -77.400 ± 4.577 χ^2/NDF : 282.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -127.994 ± 3.892 χ^2/NDF : 655.5/5

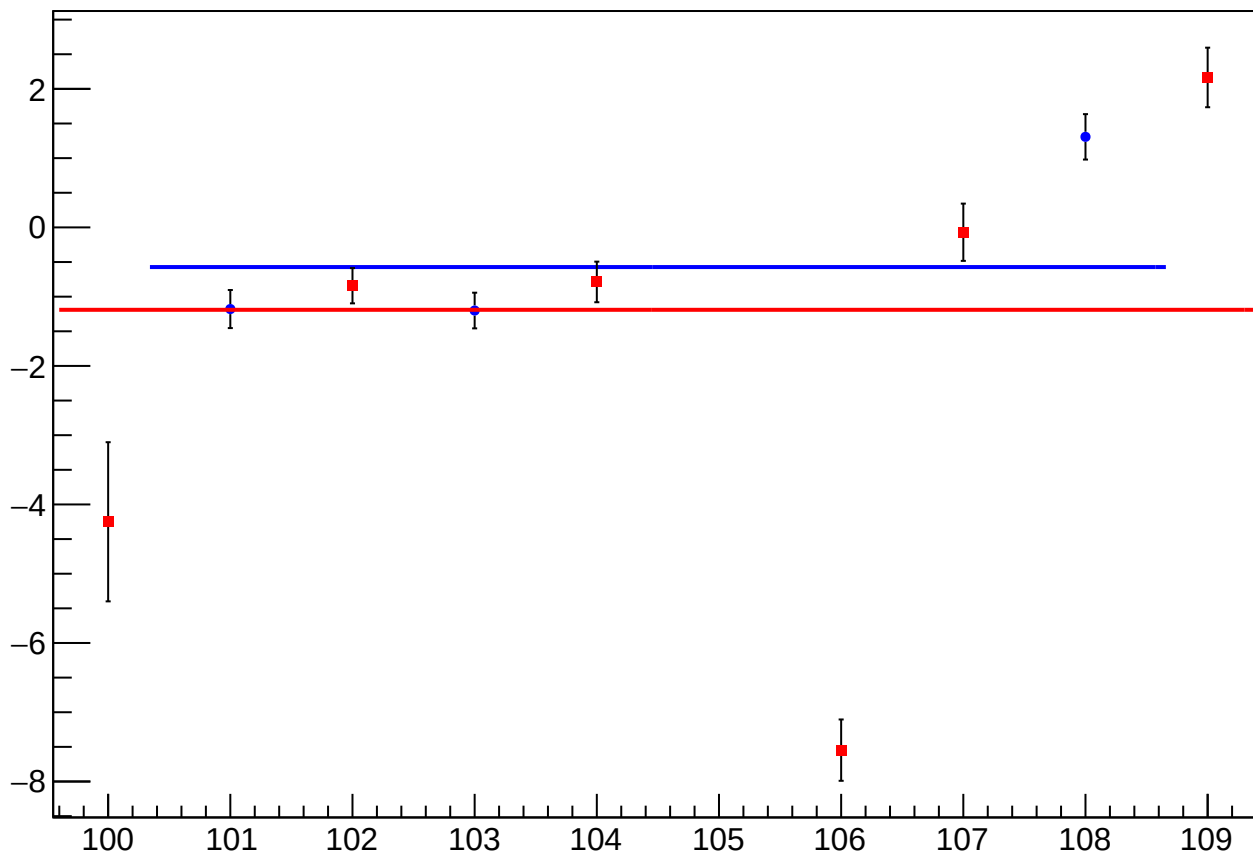
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -106.767 ± 2.965 χ^2/NDF : 1008.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: -0.573 ± 0.163 χ^2/NDF : 43.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.190 ± 0.150 χ^2/NDF : 285.3/5

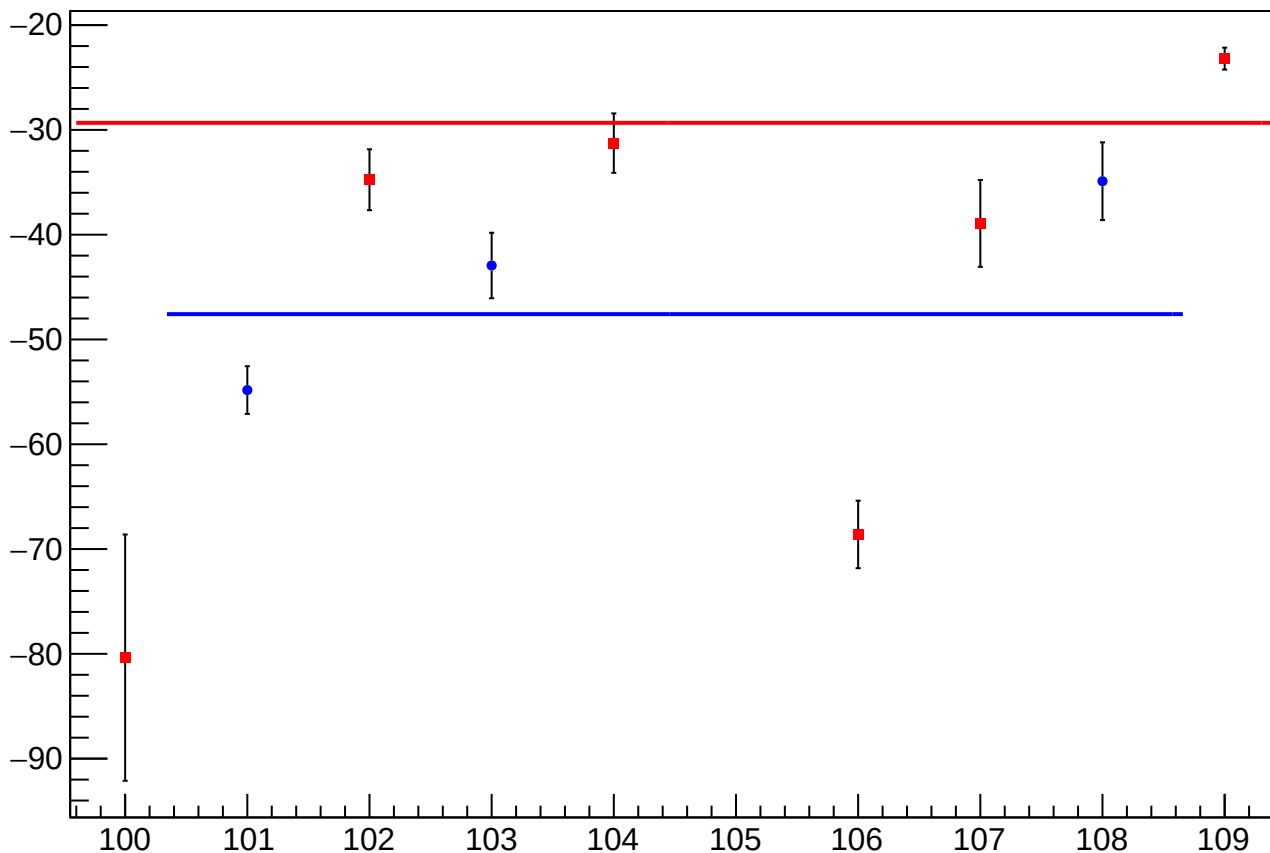
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.906 ± 0.111 χ^2/NDF : 336.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -47.582 $\pm$ 1.648 χ^2 /NDF: 24.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.326 $\pm$ 0.871 χ^2 /NDF: 211.4/5

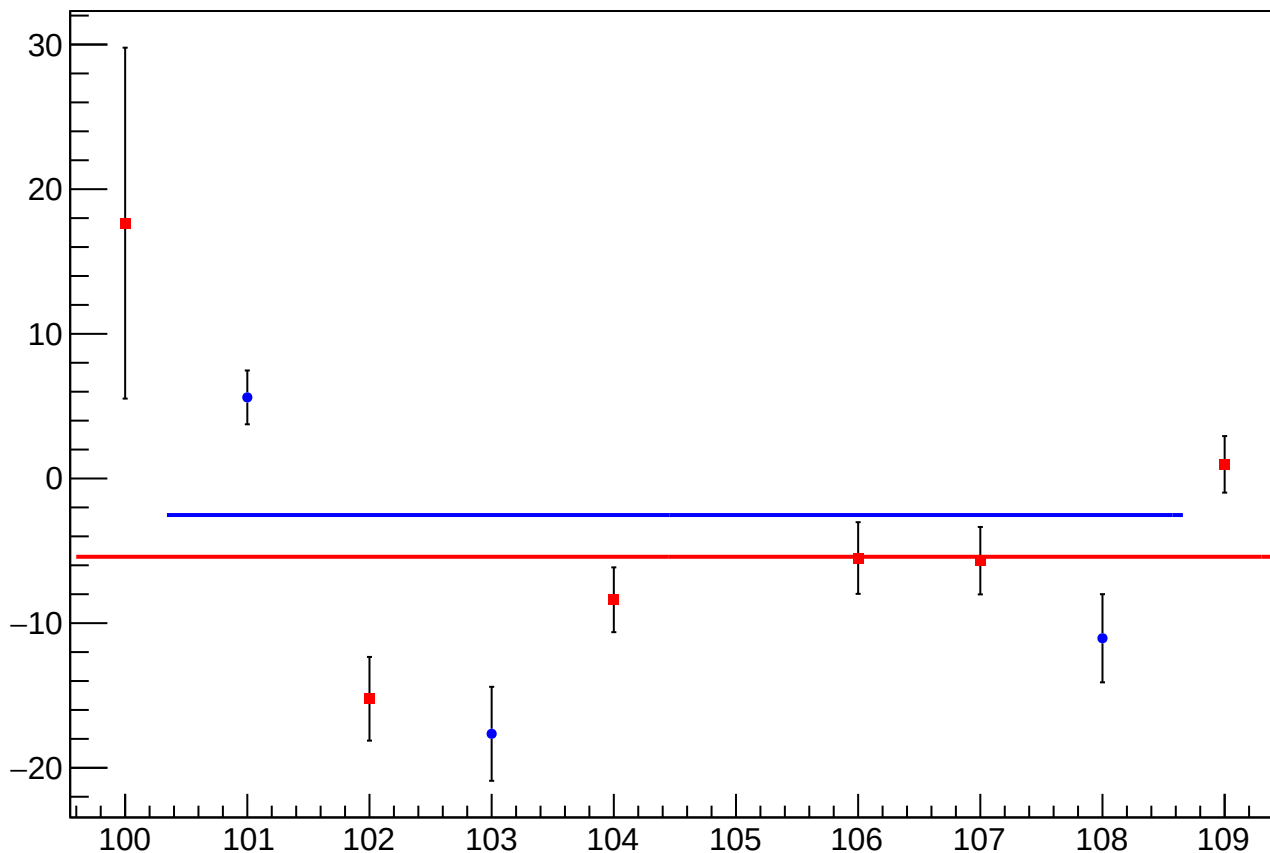
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.309 $\pm$ 0.770 χ^2 /NDF: 331.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -2.526+/-1.427 χ^2/NDF : 48.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.411+/-1.034 χ^2/NDF : 27.6/5

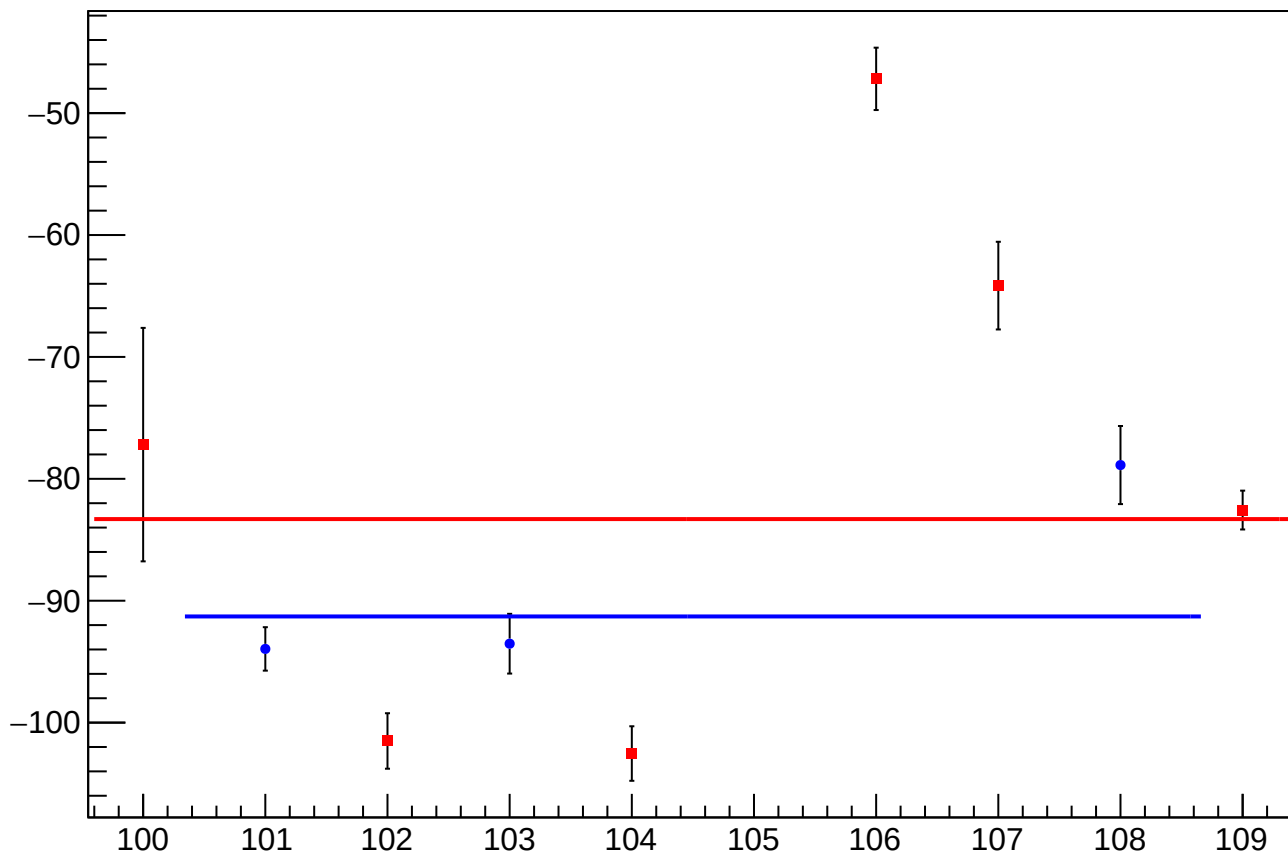
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.417+/-0.837 χ^2/NDF : 78.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -91.291 ± 1.315 $\chi^2/\text{NDF}: 18.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -83.303 ± 0.986 $\chi^2/\text{NDF}: 366.2/5$

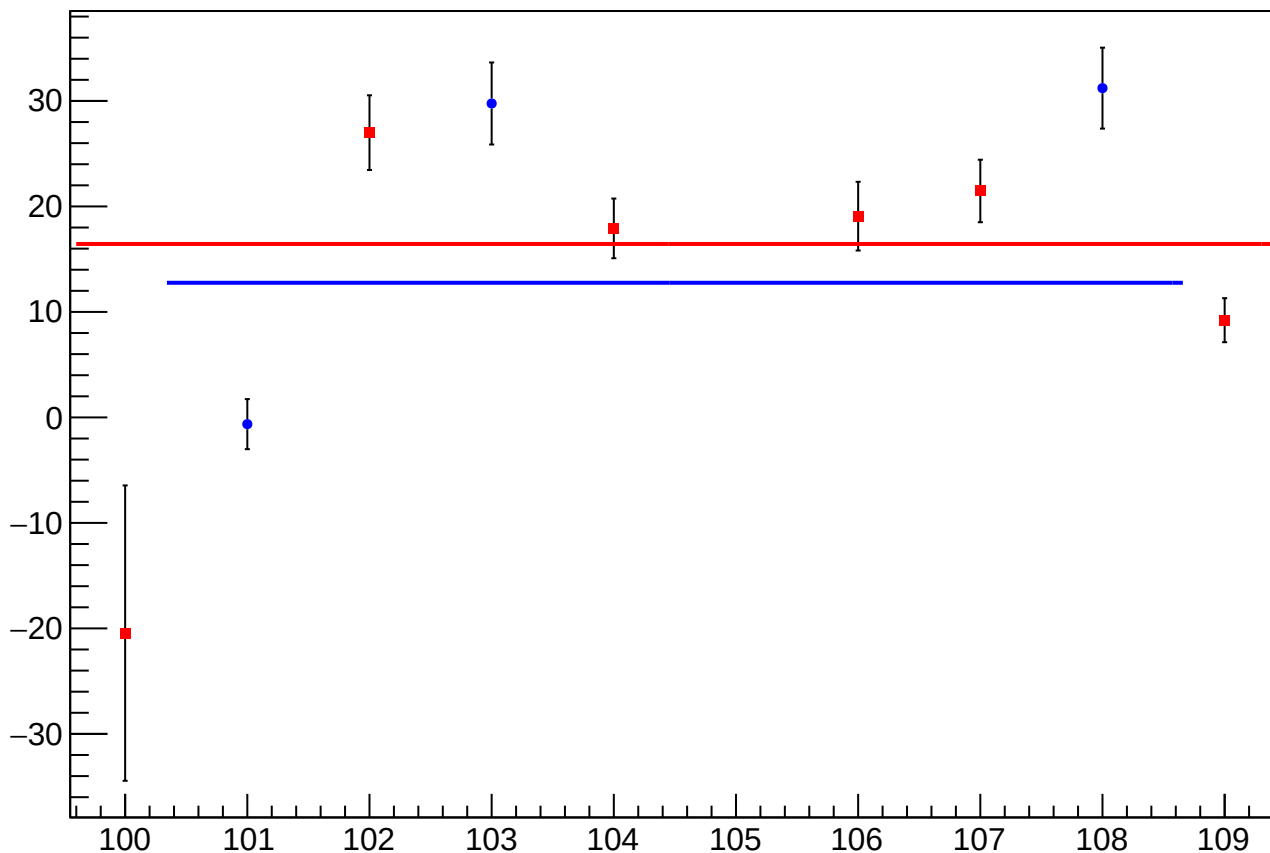
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -86.180 ± 0.789 $\chi^2/\text{NDF}: 407.9/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 12.764 $\pm$ 1.791 χ^2 /NDF: 74.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.443 $\pm$ 1.243 χ^2 /NDF: 31.6/5

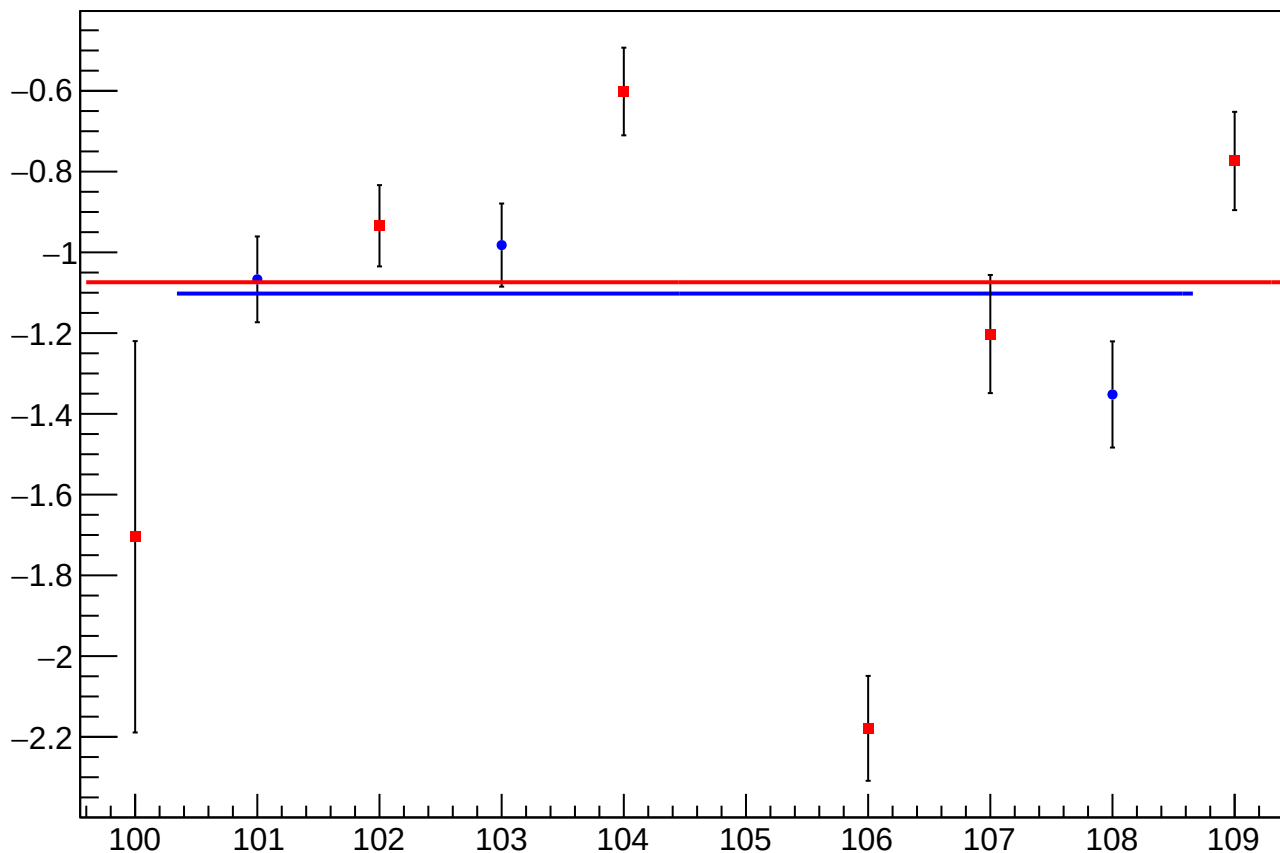
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.248 $\pm$ 1.021 χ^2 /NDF: 108.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -1.102 ± 0.064 χ^2/NDF : 5.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.074 ± 0.053 χ^2/NDF : 101.8/5

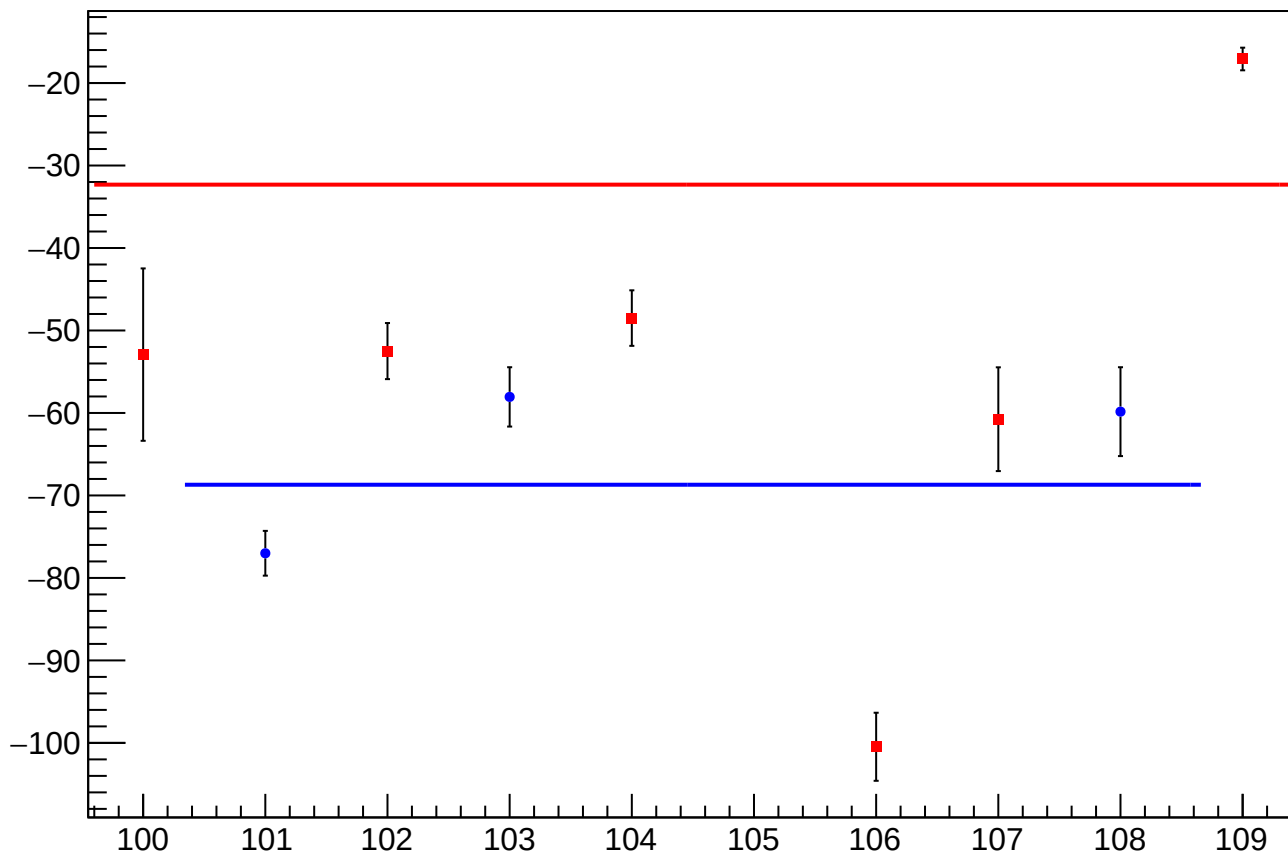
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.085 ± 0.041 χ^2/NDF : 107.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -68.701 ± 2.010 χ^2/NDF : 20.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.319 ± 1.119 χ^2/NDF : 478.7/5

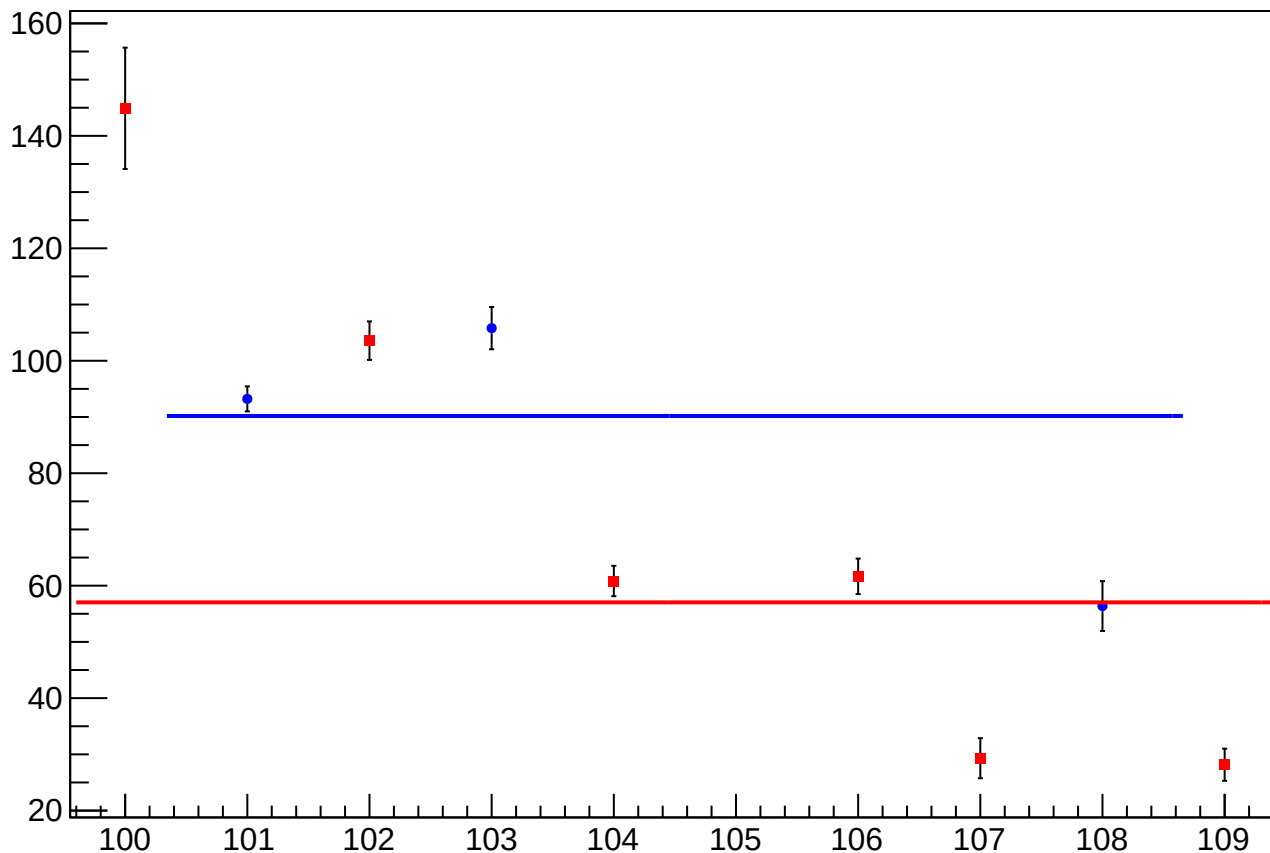
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.927 ± 0.978 χ^2/NDF : 749.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 90.183+/-1.756 χ^2/NDF : 77.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.031+/-1.370 χ^2/NDF : 418.0/5

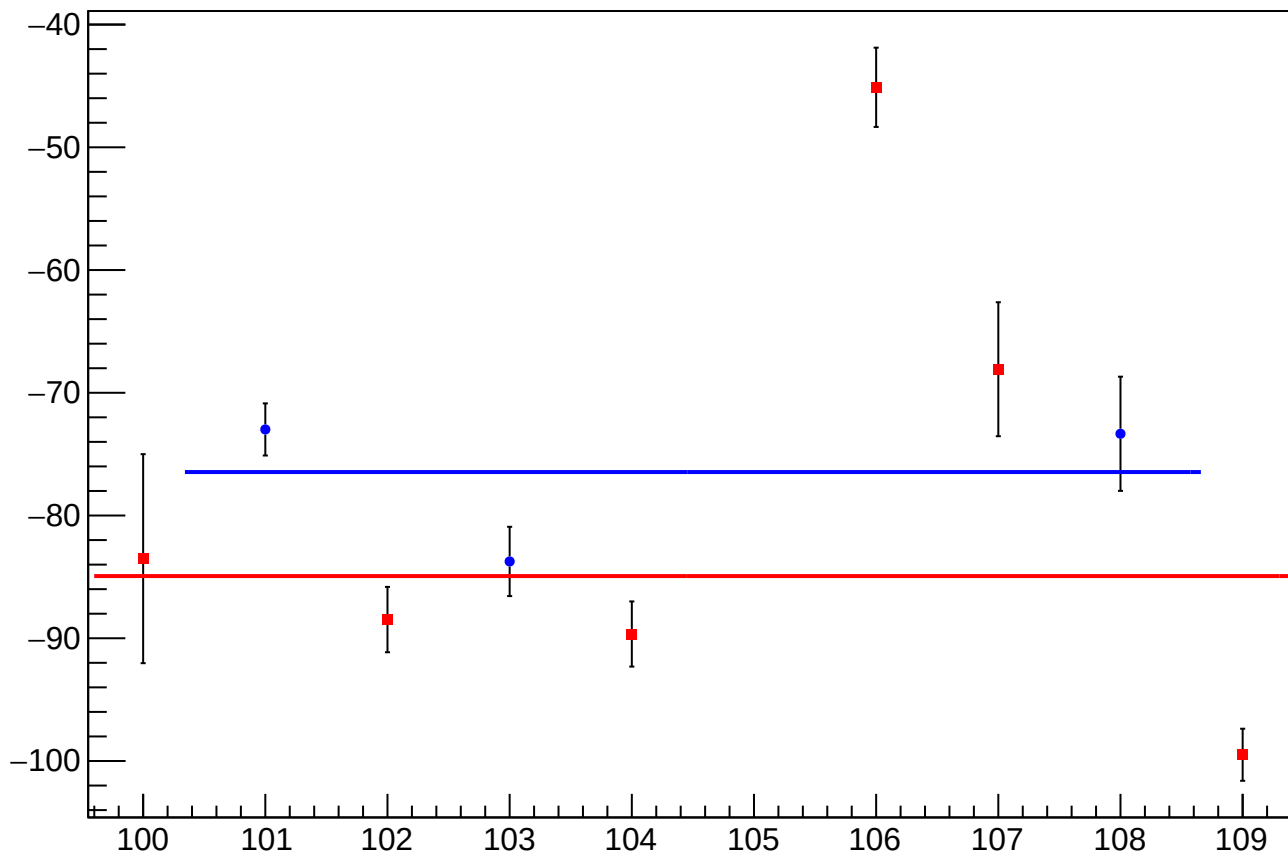
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.582+/-1.080 χ^2/NDF : 716.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -76.458 ± 1.594 $\chi^2/\text{NDF}: 9.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -84.933 ± 1.242 $\chi^2/\text{NDF}: 213.6/5$

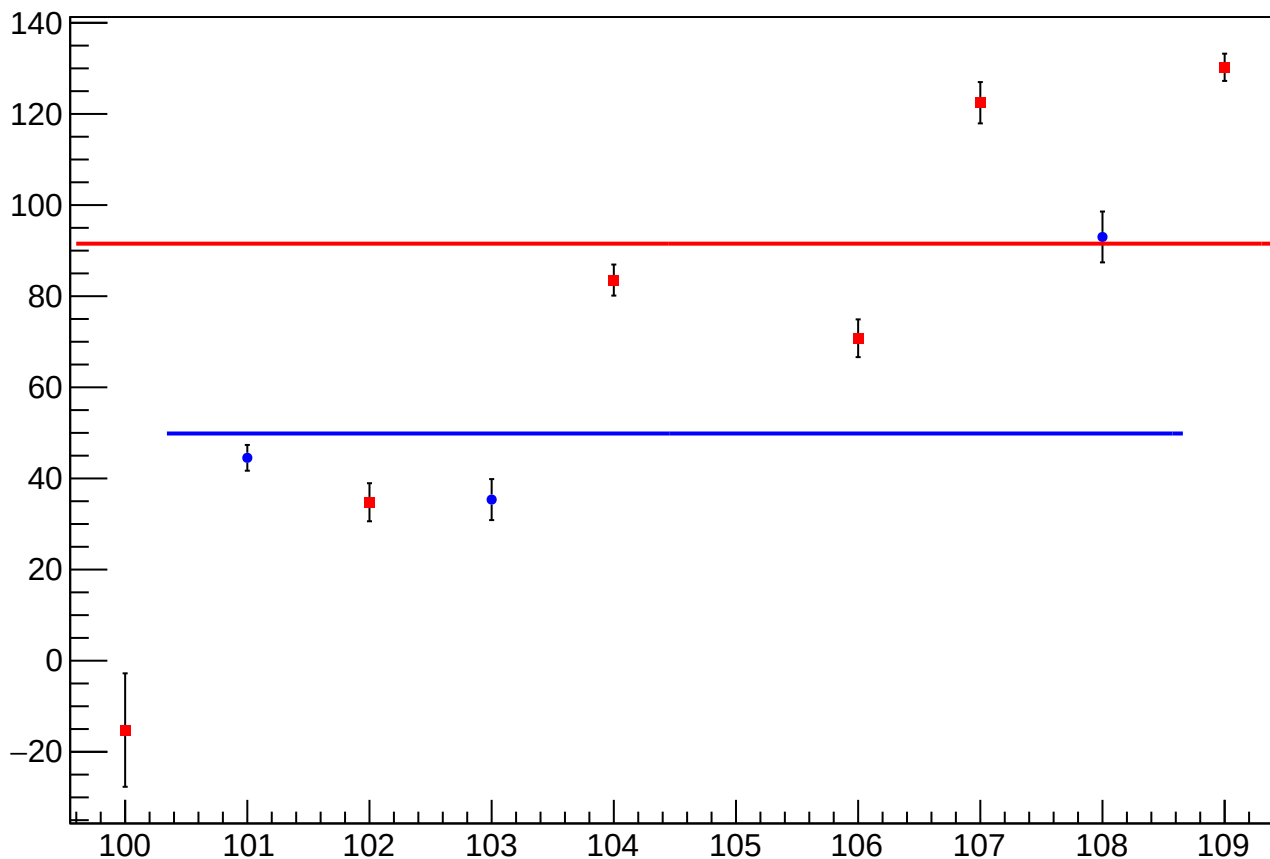
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -81.731 ± 0.980 $\chi^2/\text{NDF}: 241.0/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 49.865 $\pm$ 2.200 χ^2 /NDF: 73.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.531 $\pm$ 1.647 χ^2 /NDF: 503.1/5

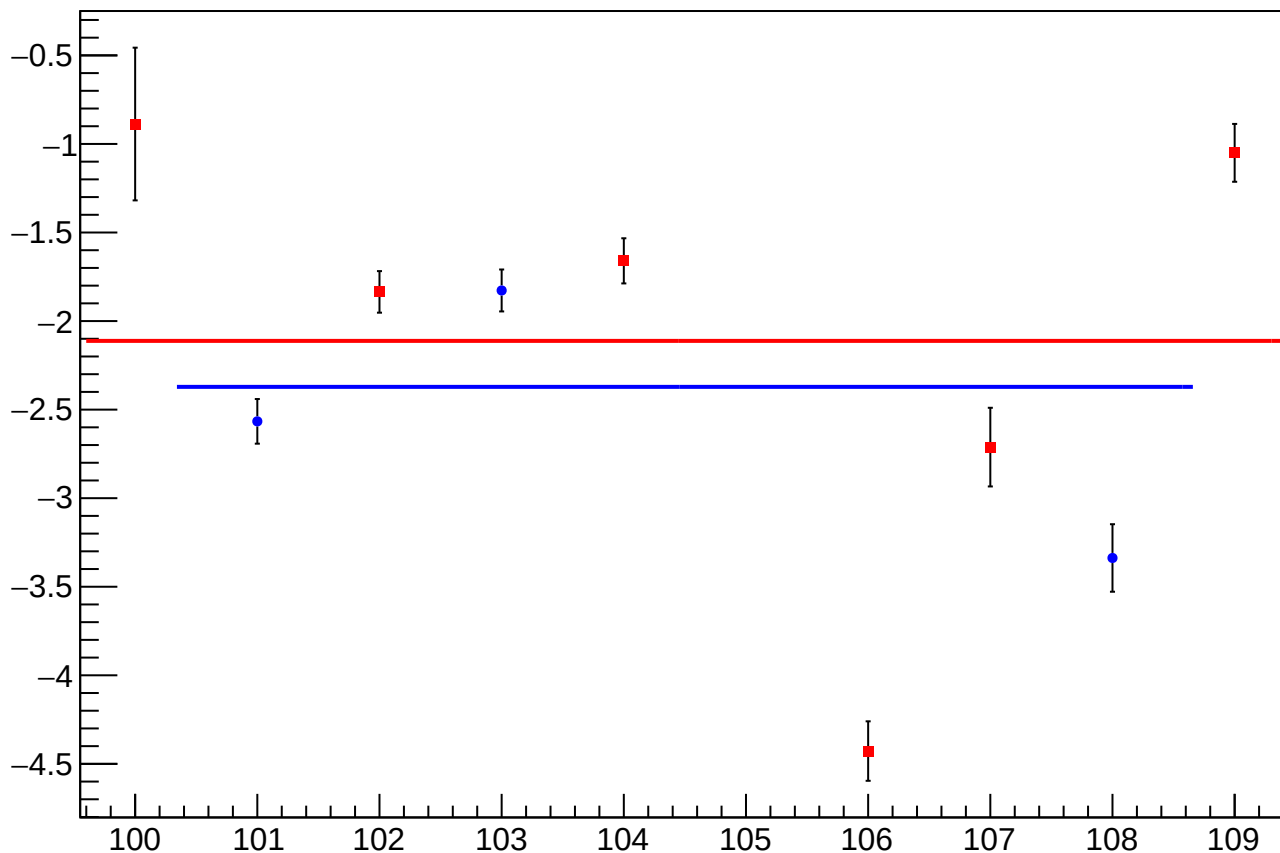
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.569 $\pm$ 1.318 χ^2 /NDF: 806.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -2.372 ± 0.079 $\chi^2/\text{NDF}: 49.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -2.112 ± 0.066 $\chi^2/\text{NDF}: 266.0/5$

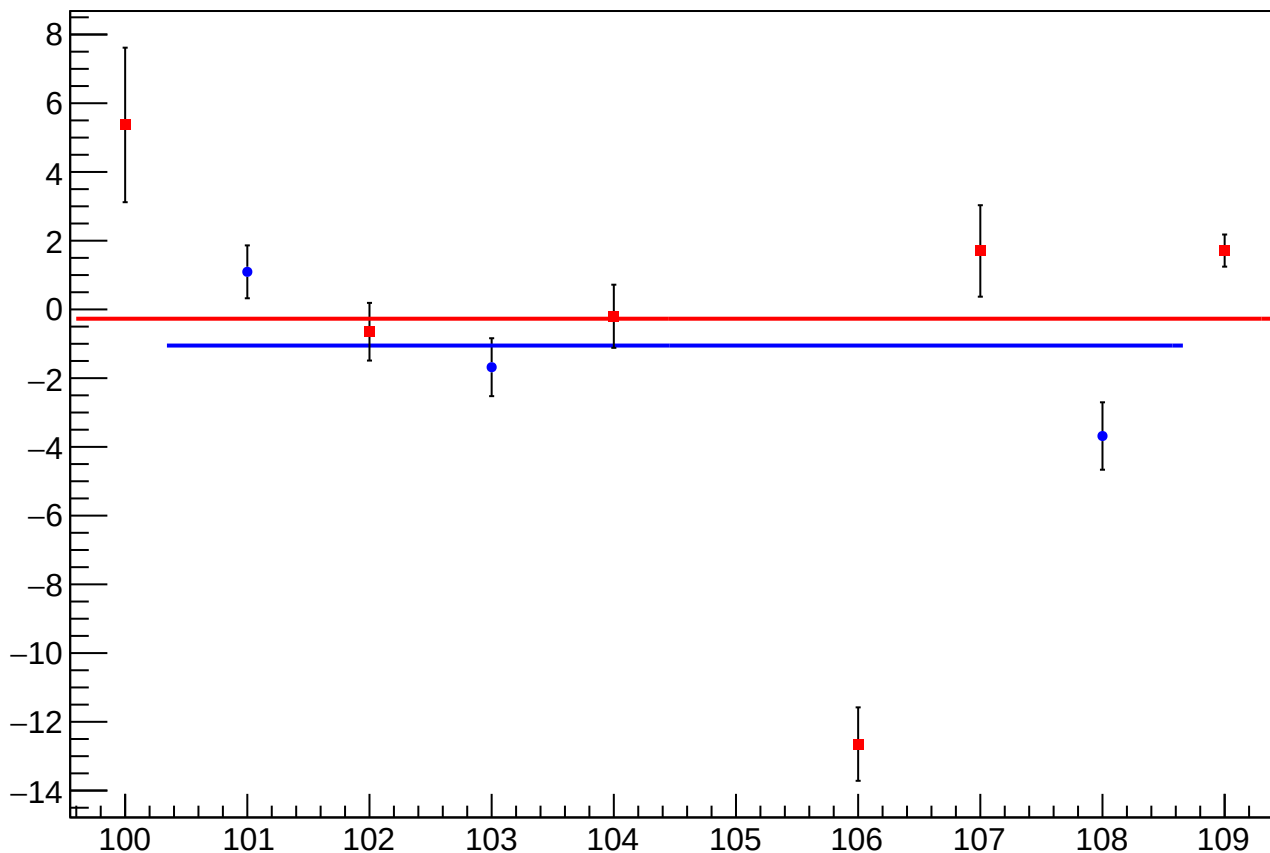
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -2.218 ± 0.050 $\chi^2/\text{NDF}: 321.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -1.051 ± 0.492 χ^2/NDF : 15.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.270 ± 0.337 χ^2/NDF : 160.9/5

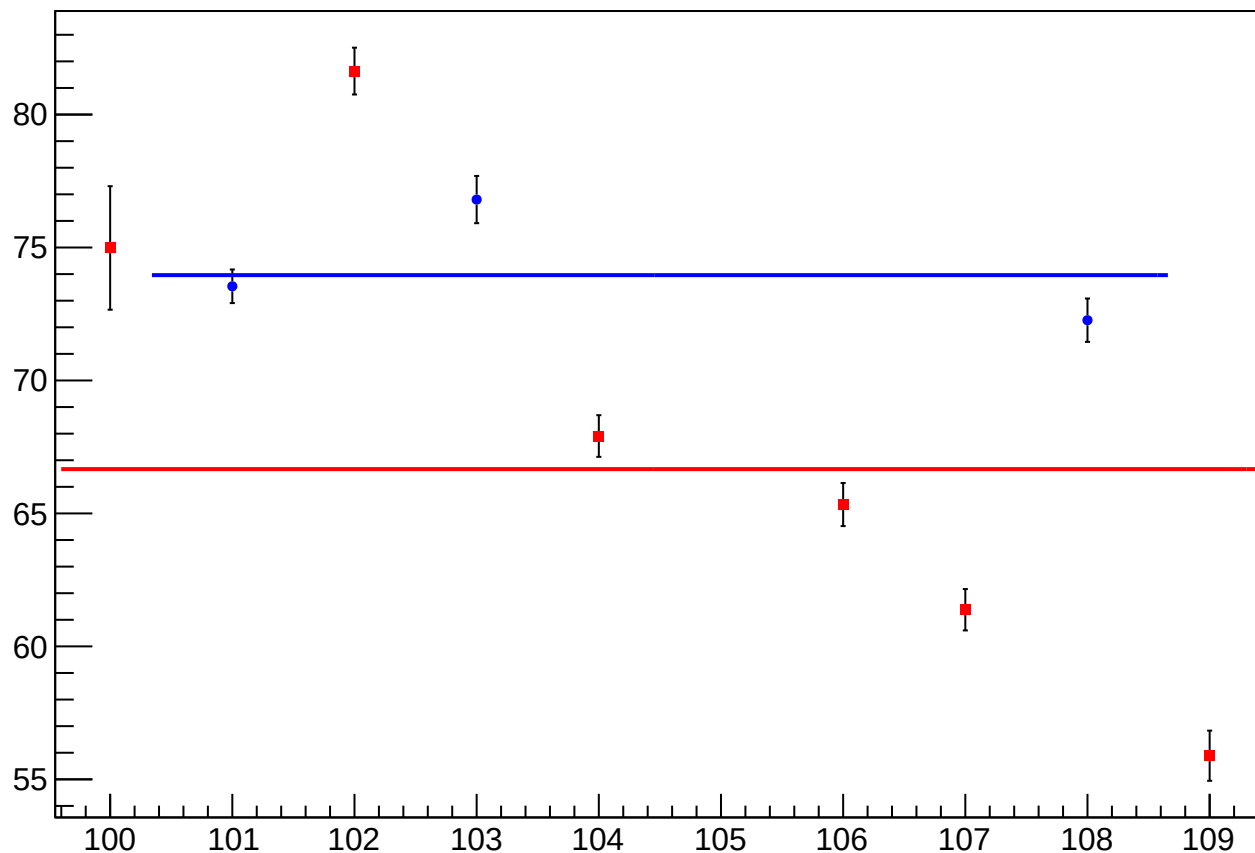
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.520 ± 0.278 χ^2/NDF : 178.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 73.961+/-0.435 χ^2/NDF : 15.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.666+/-0.367 χ^2/NDF : 484.1/5

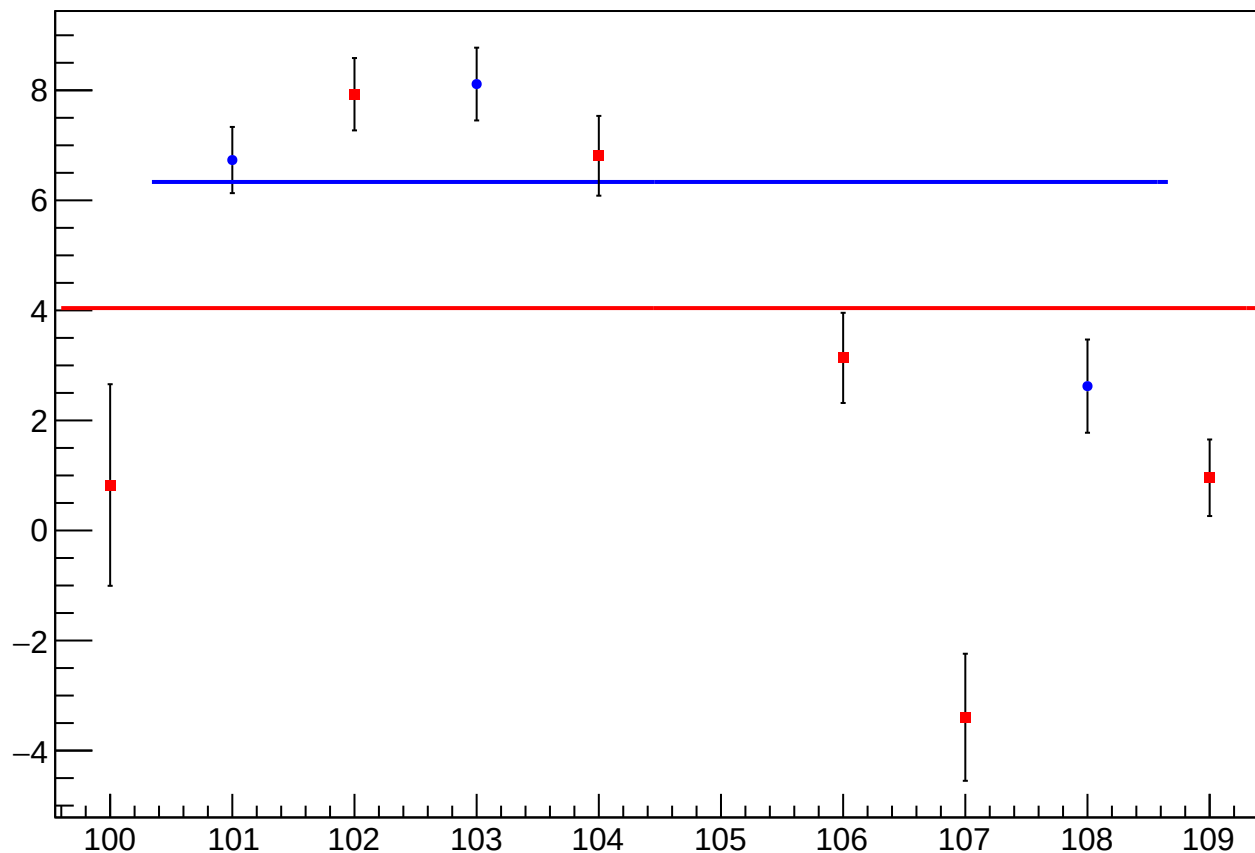
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.701+/-0.281 χ^2/NDF : 663.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 6.334 $\pm$ 0.394 χ^2 /NDF: 26.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.042 $\pm$ 0.337 χ^2 /NDF: 115.0/5

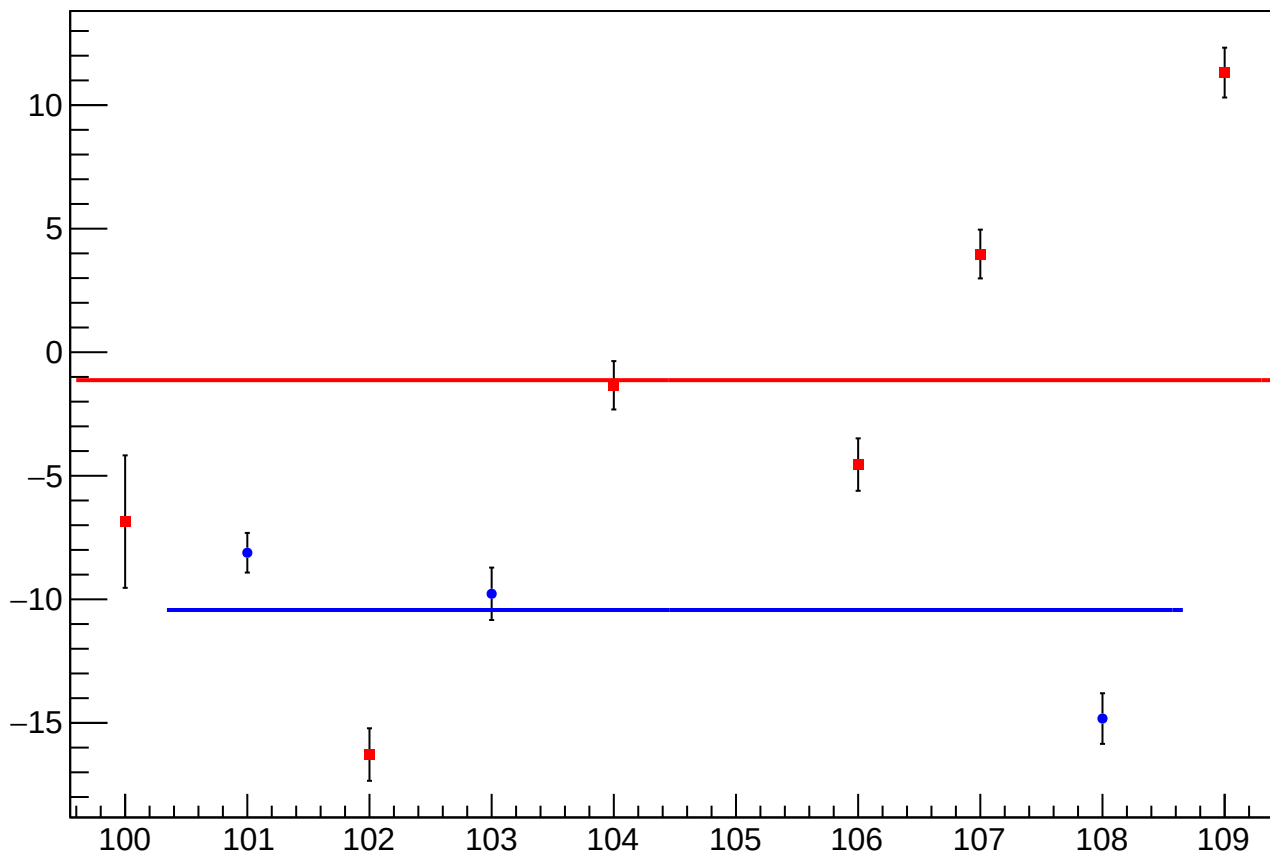
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.010 $\pm$ 0.256 χ^2 /NDF: 161.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: -10.432 ± 0.543 $\chi^2/\text{NDF}: 27.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.130 ± 0.449 $\chi^2/\text{NDF}: 397.4/5$

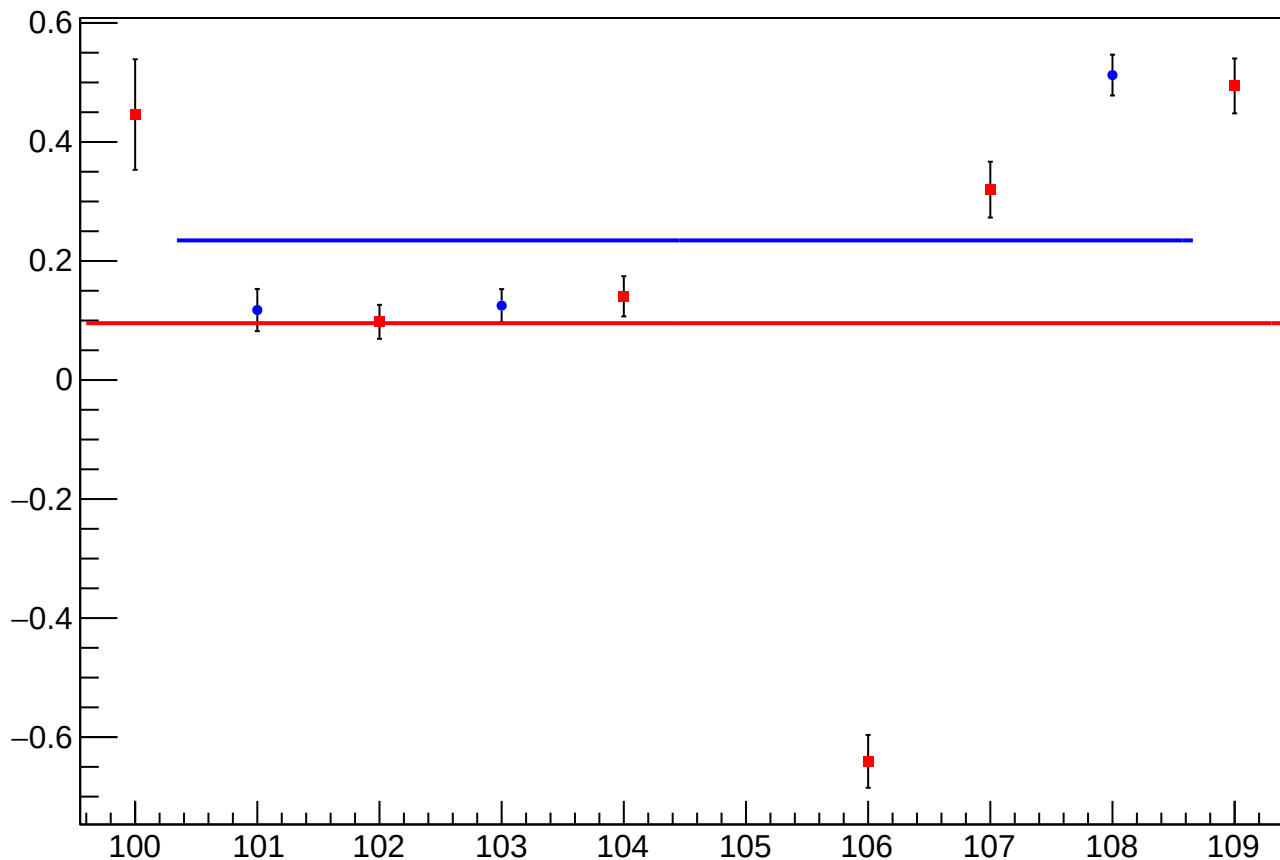
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.909 ± 0.346 $\chi^2/\text{NDF}: 599.0/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.235 $\pm$ 0.018 χ^2 /NDF: 92.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.096 $\pm$ 0.017 χ^2 /NDF: 388.1/5

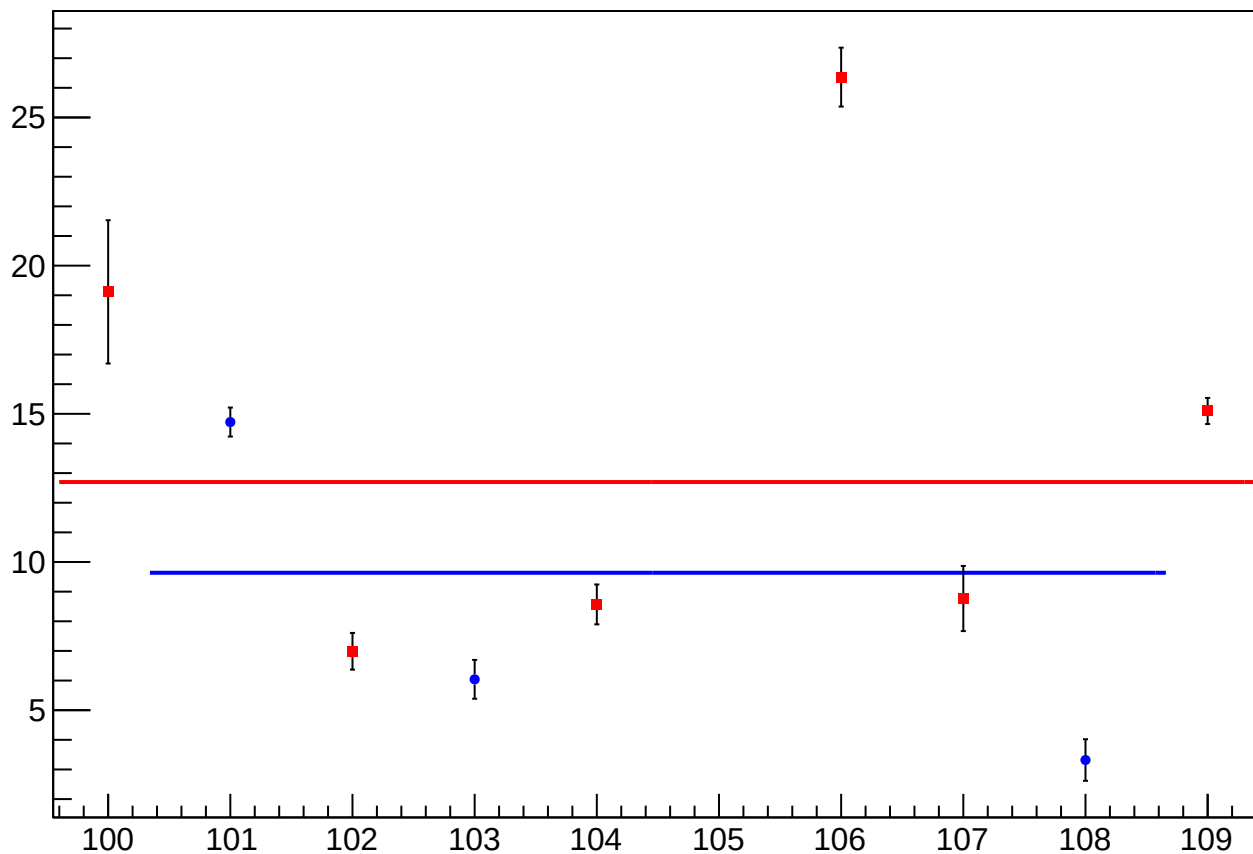
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.158 $\pm$ 0.012 χ^2 /NDF: 511.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 9.637 $\pm$ 0.342 χ^2 /NDF: 219.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 12.699 $\pm$ 0.289 χ^2 /NDF: 361.2/5

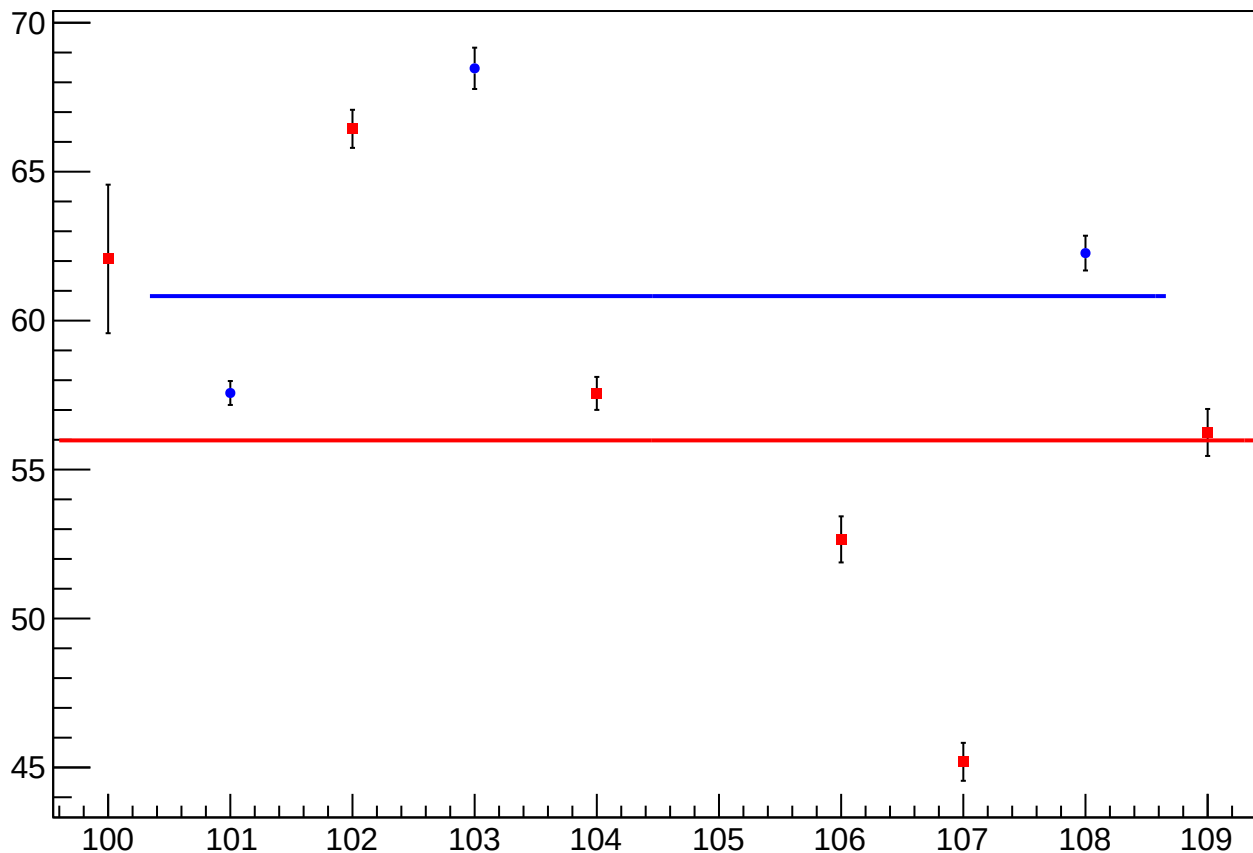
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.425 $\pm$ 0.221 χ^2 /NDF: 627.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 60.823+/-0.299 χ^2/NDF : 193.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.980+/-0.293 χ^2/NDF : 587.4/5

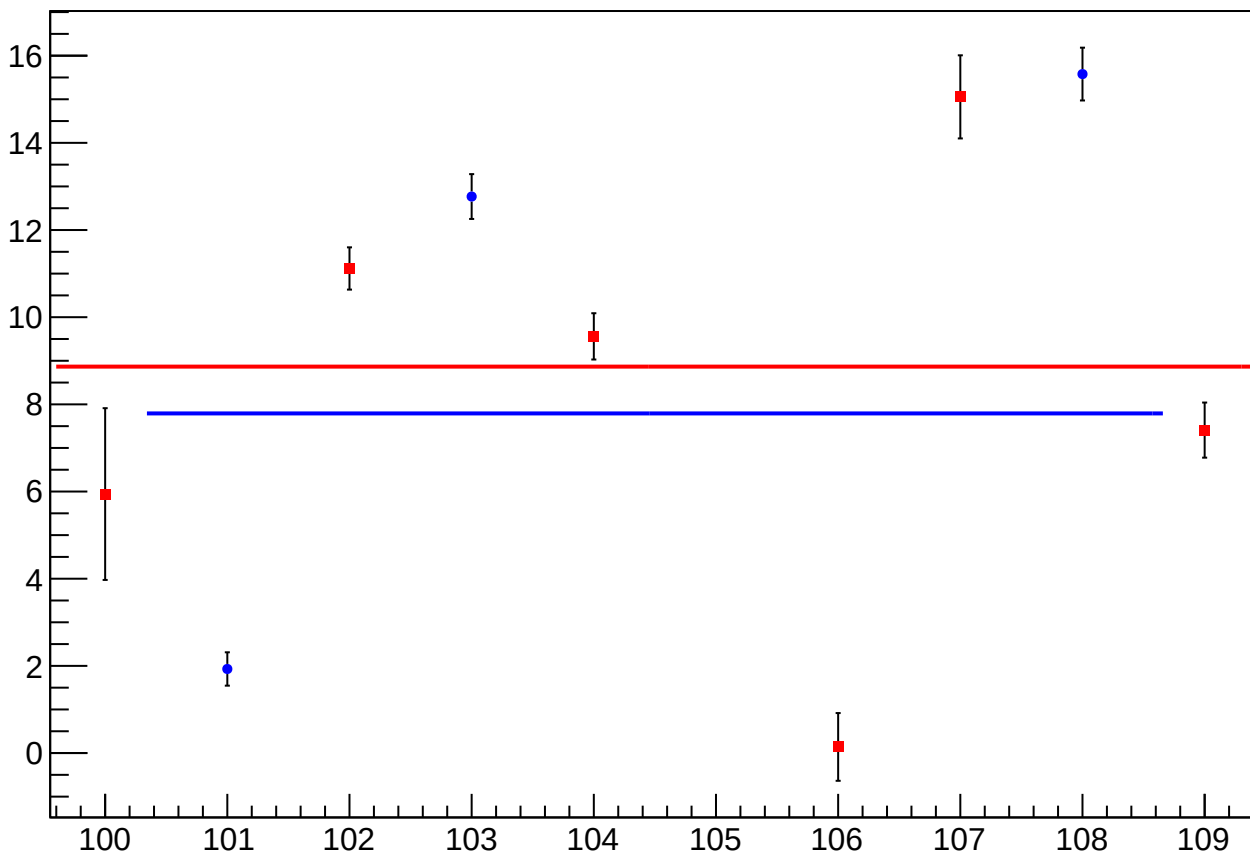
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.358+/-0.209 χ^2/NDF : 914.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 7.792 ± 0.274 $\chi^2/\text{NDF}: 493.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.866 ± 0.274 $\chi^2/\text{NDF}: 199.0/5$

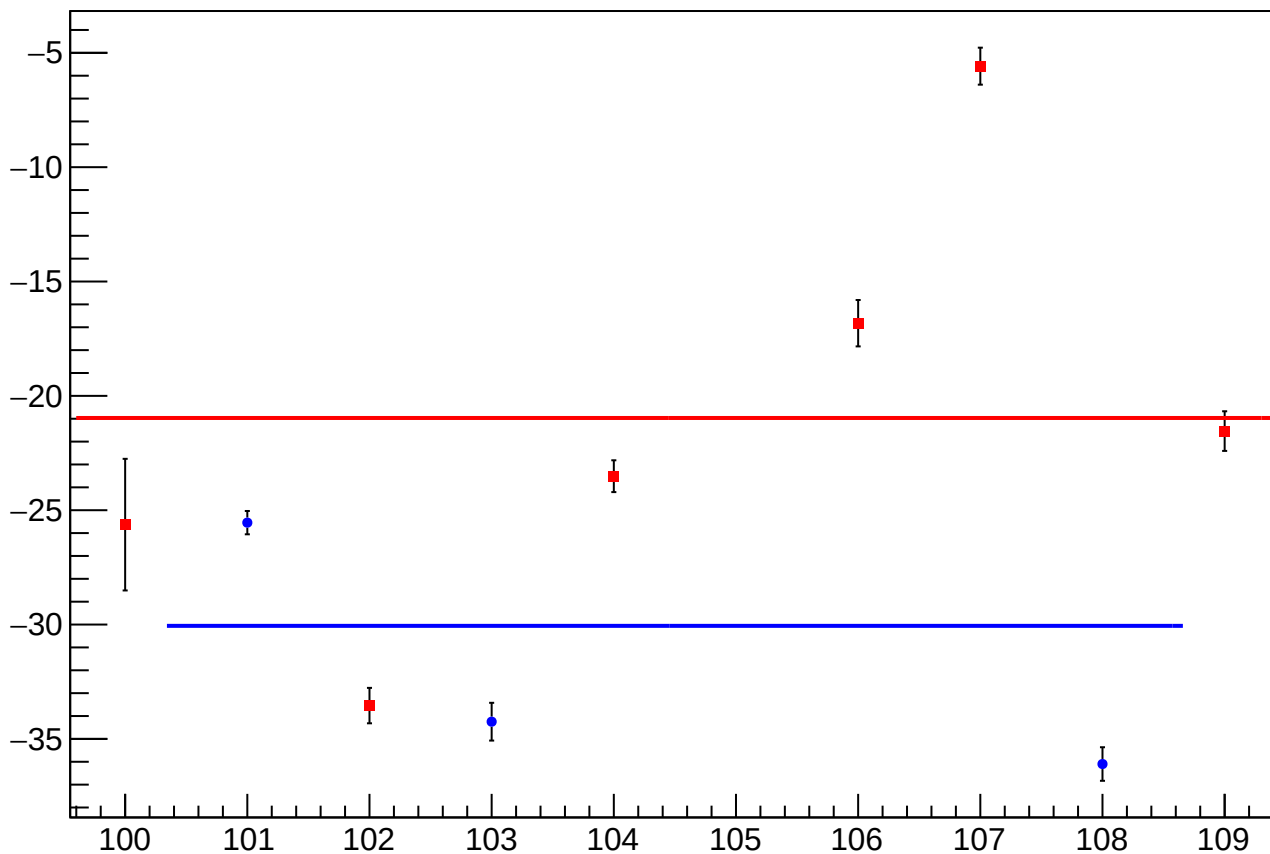
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 8.329 ± 0.194 $\chi^2/\text{NDF}: 700.1/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -30.057 ± 0.373 χ^2/NDF : 172.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.967 ± 0.361 χ^2/NDF : 658.5/5

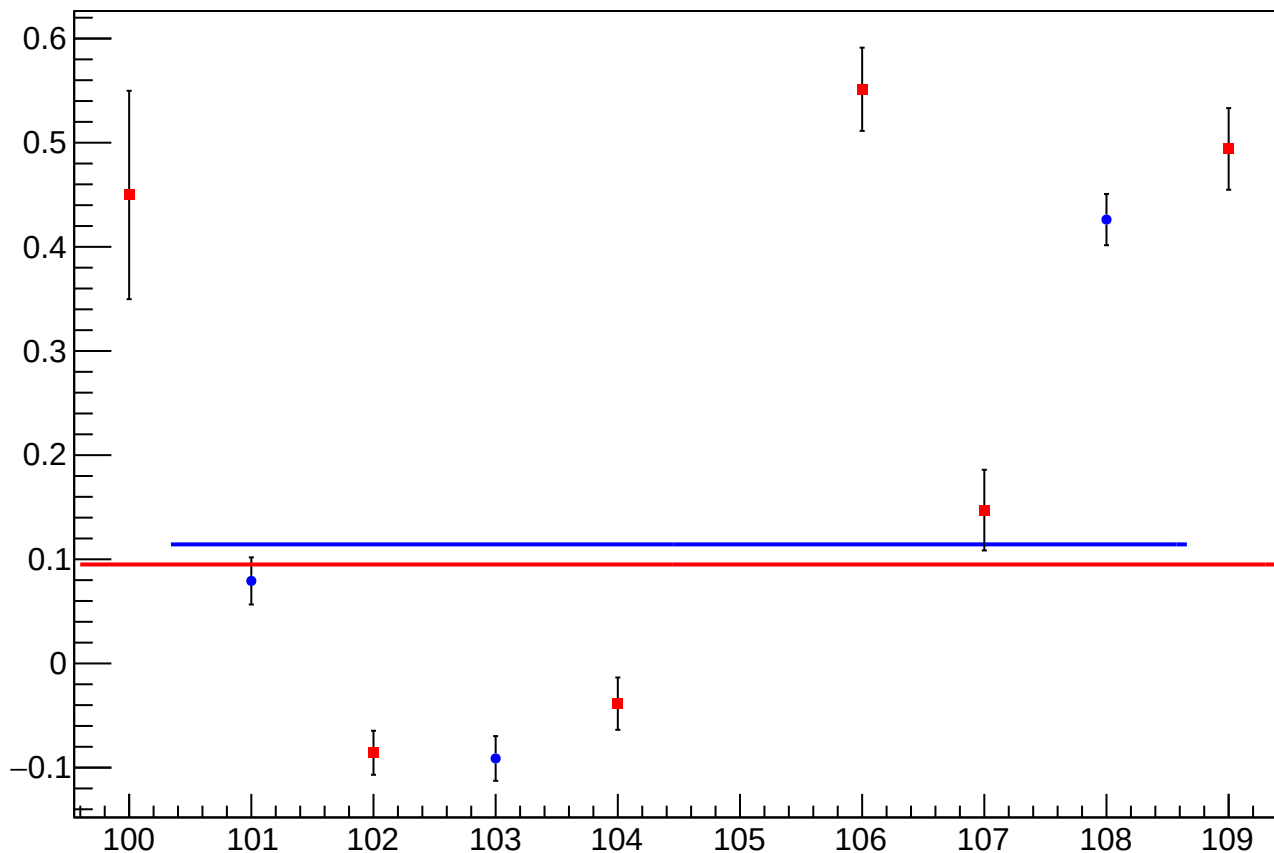
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.355 ± 0.259 χ^2/NDF : 1137.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.114 $\pm$ 0.013 χ^2 /NDF: 254.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.095 $\pm$ 0.013 χ^2 /NDF: 349.9/5

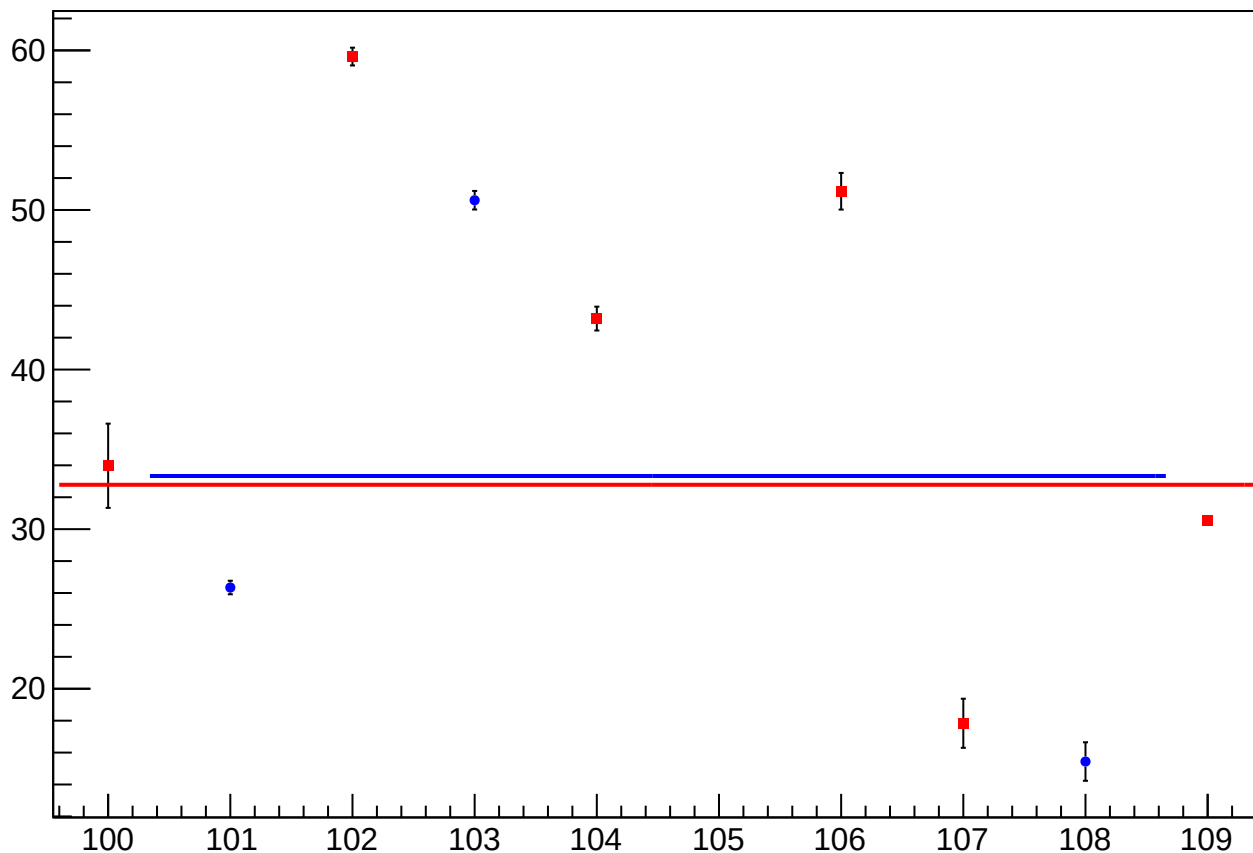
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.105 $\pm$ 0.009 χ^2 /NDF: 605.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 33.331+/-0.330 χ^2/NDF : 1371.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.781+/-0.132 χ^2/NDF : 3111.8/5

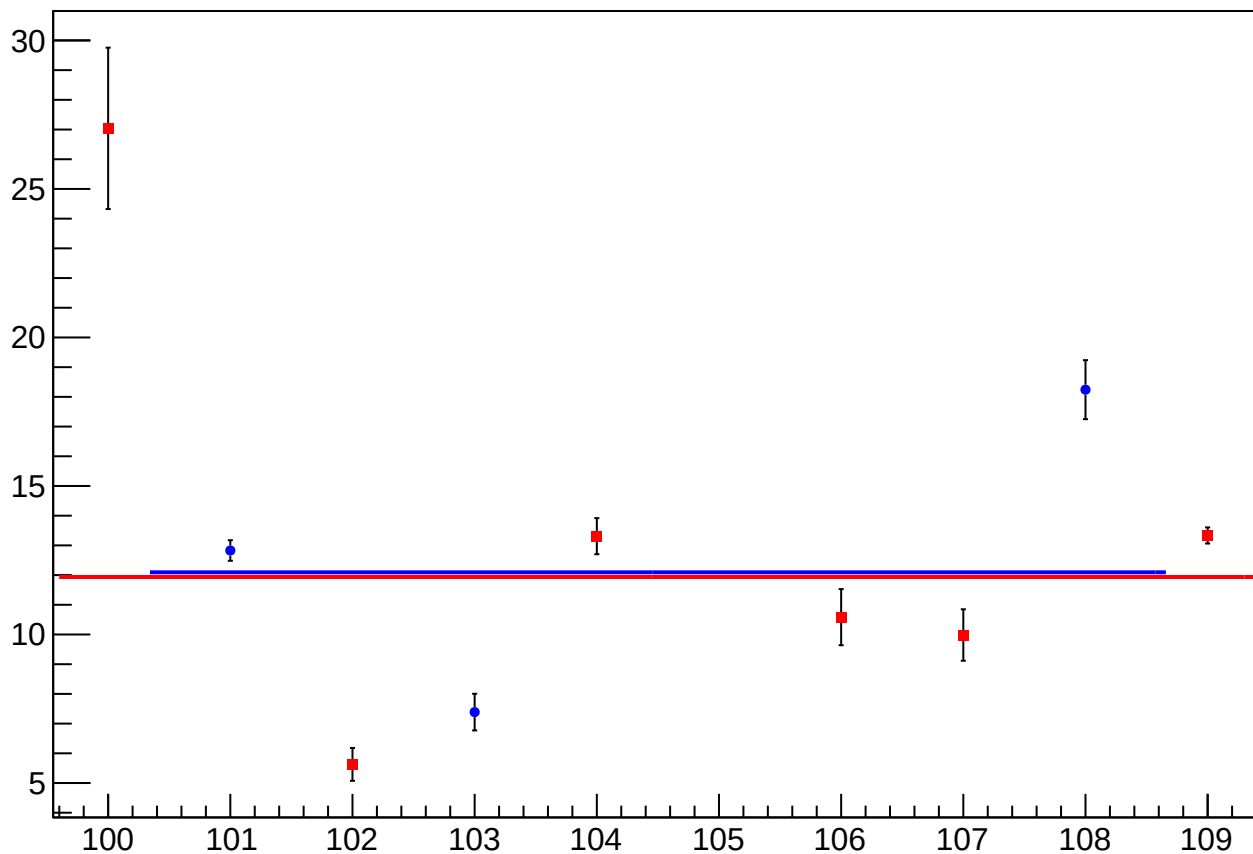
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.857+/-0.123 χ^2/NDF : 4485.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 12.093 $\pm$ 0.289 χ^2 /NDF: 101.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.936 $\pm$ 0.212 χ^2 /NDF: 200.1/5

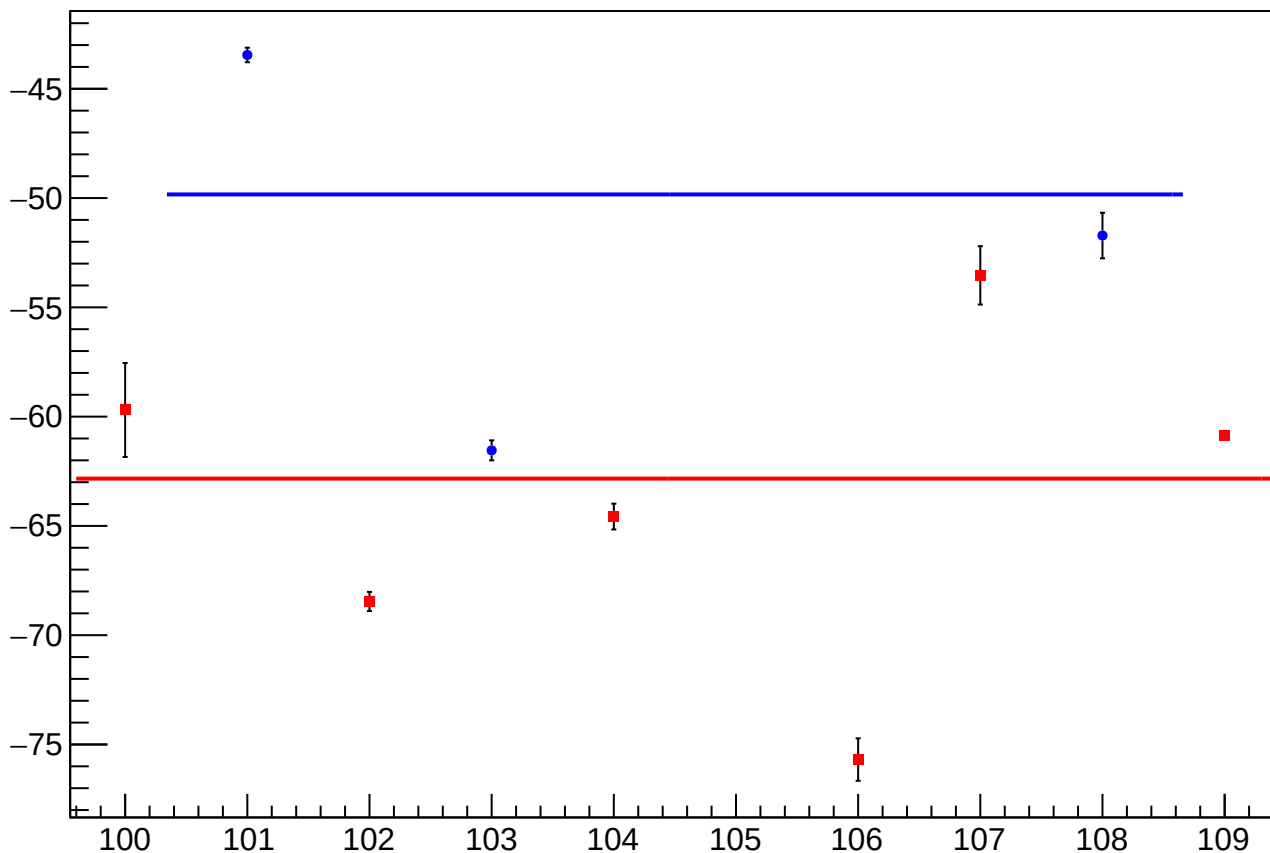
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.991 $\pm$ 0.171 χ^2 /NDF: 301.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -49.834 ± 0.260 χ^2/NDF : 1027.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -62.835 ± 0.179 χ^2/NDF : 484.2/5

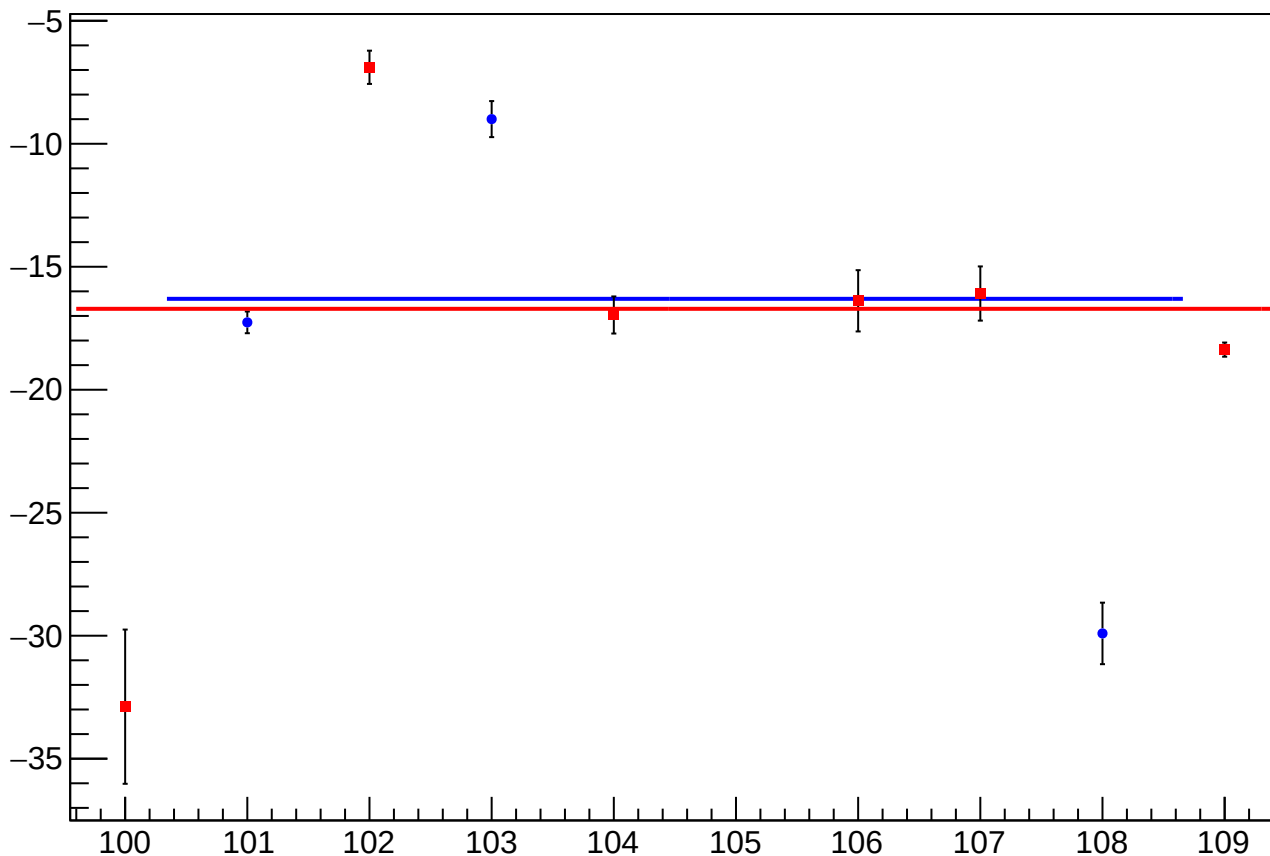
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.668 ± 0.147 χ^2/NDF : 3204.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -16.304 ± 0.362 χ^2/NDF : 222.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.710 ± 0.238 χ^2/NDF : 271.5/5

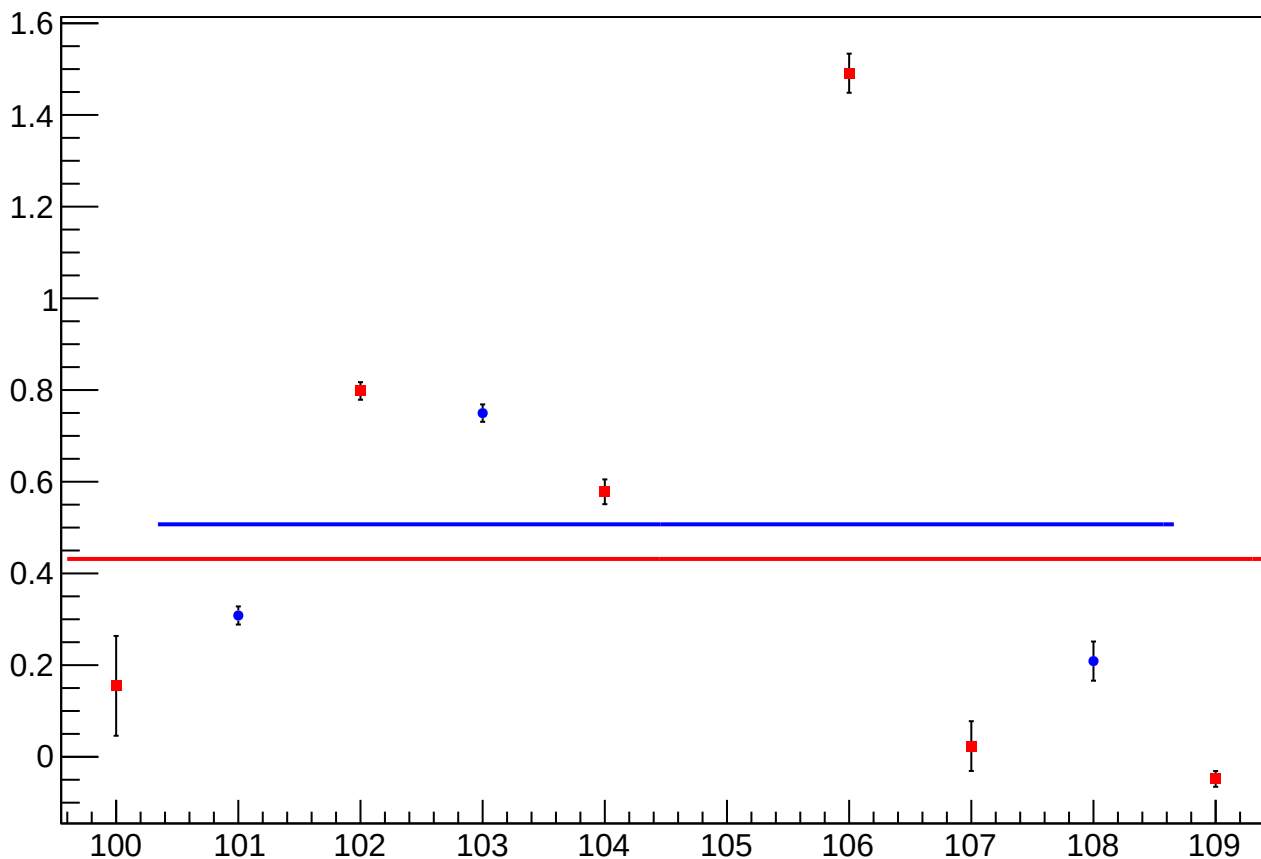
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.588 ± 0.199 χ^2/NDF : 494.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.507 $\pm$ 0.013 χ^2 /NDF: 313.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.432 $\pm$ 0.011 χ^2 /NDF: 1850.0/5

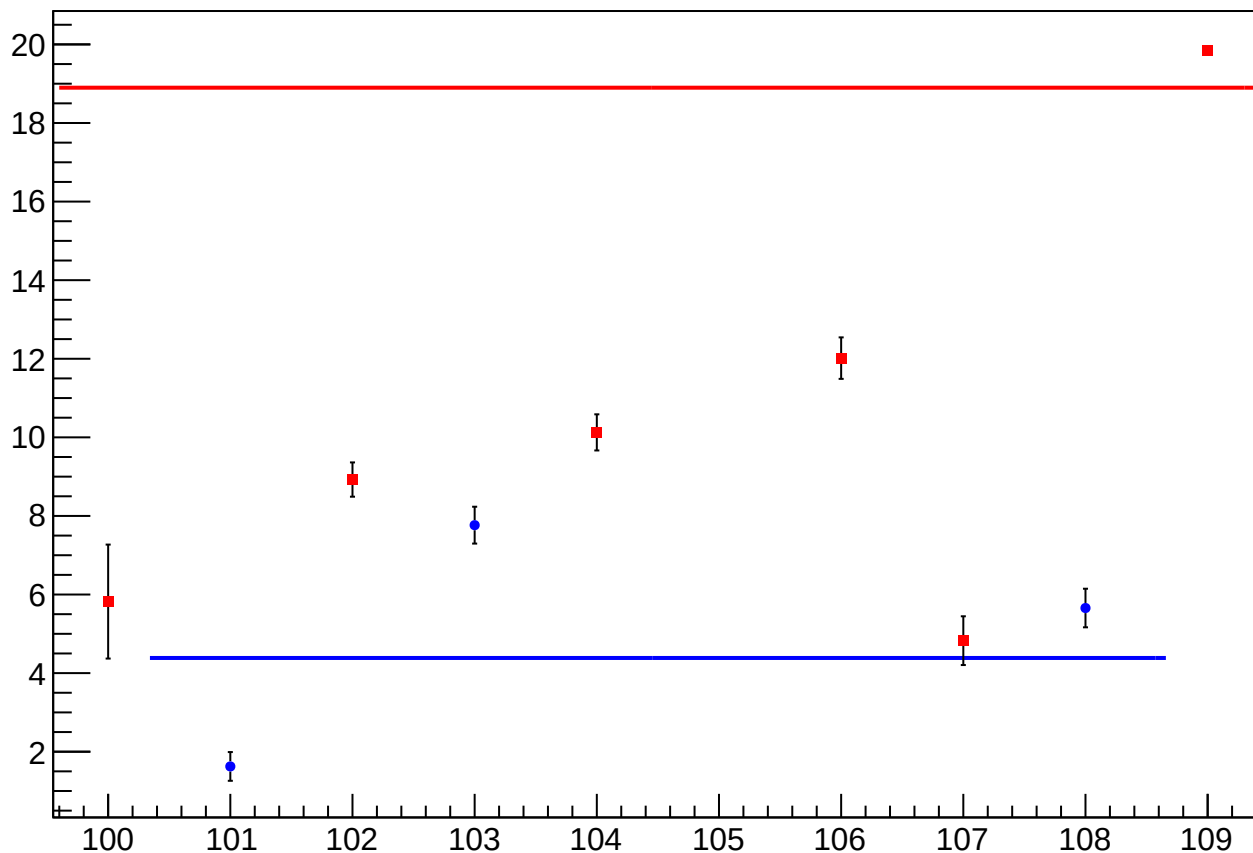
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.463 $\pm$ 0.008 χ^2 /NDF: 2182.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 4.385+/-0.249 χ^2/NDF : 115.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.898+/-0.073 χ^2/NDF : 1804.5/5

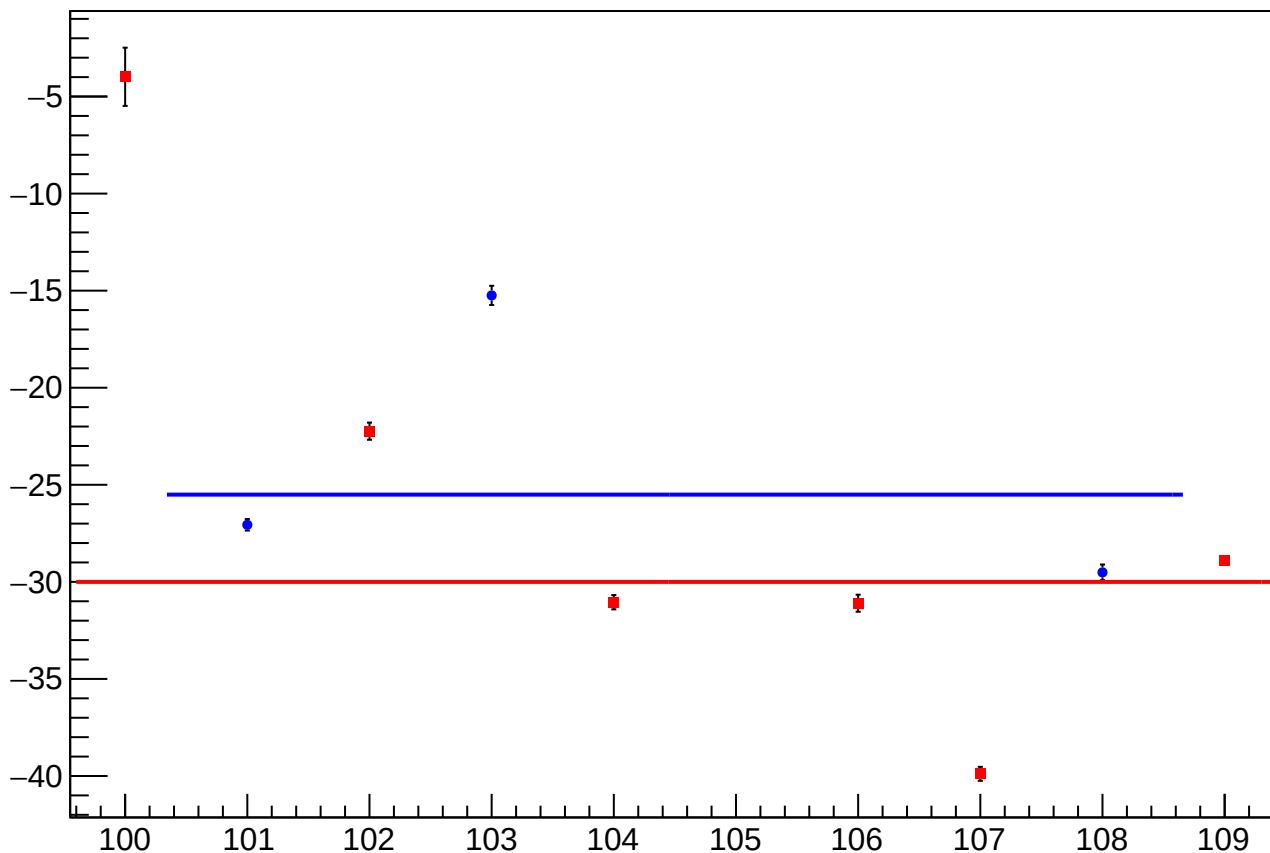
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.749+/-0.070 χ^2/NDF : 5056.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -25.507 ± 0.216 $\chi^2/\text{NDF}: 555.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.002 ± 0.127 $\chi^2/\text{NDF}: 1420.9/5$

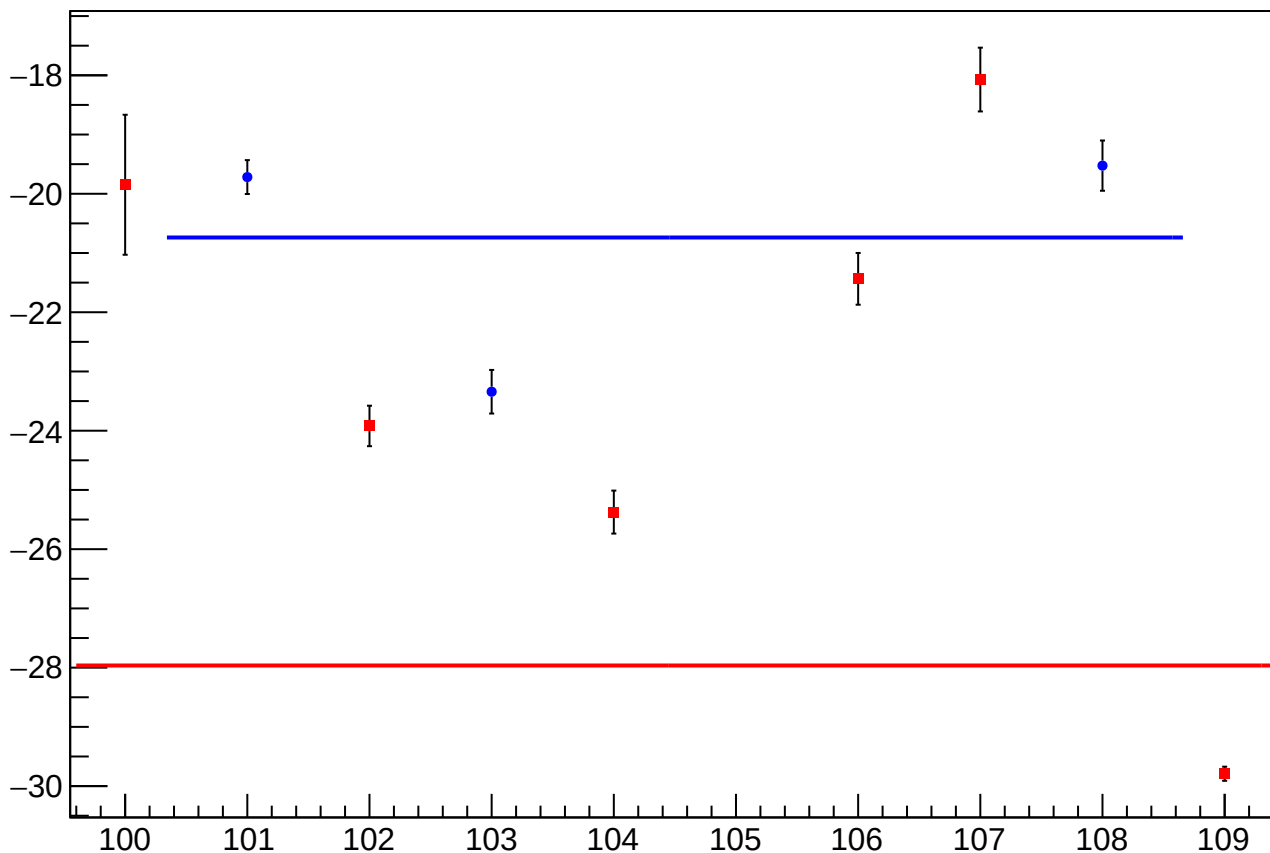
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -28.842 ± 0.110 $\chi^2/\text{NDF}: 2298.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -20.738 ± 0.199 χ^2/NDF : 71.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.964 ± 0.102 χ^2/NDF : 1034.2/5

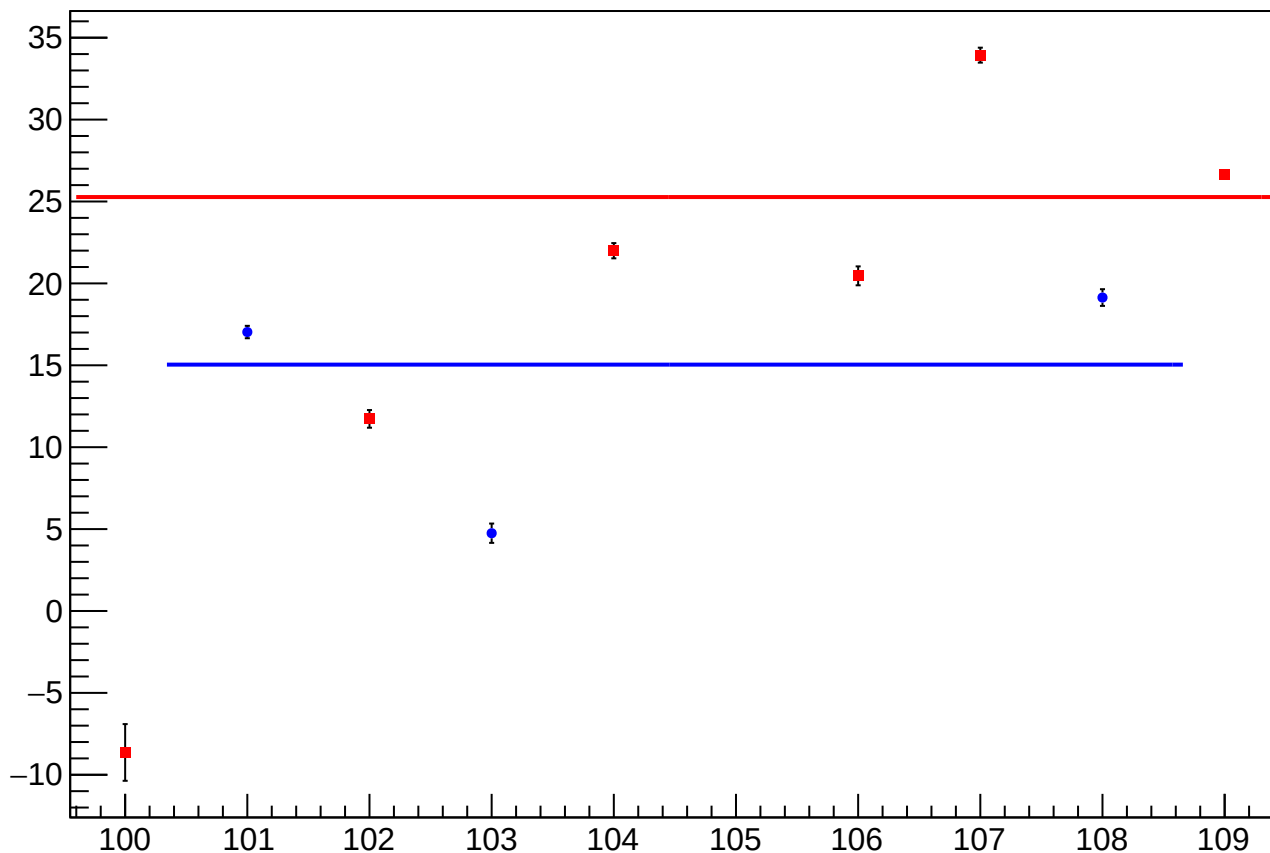
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.461 ± 0.091 χ^2/NDF : 2146.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 15.041+/-0.270 χ^2/NDF : 396.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.272+/-0.142 χ^2/NDF : 1555.6/5

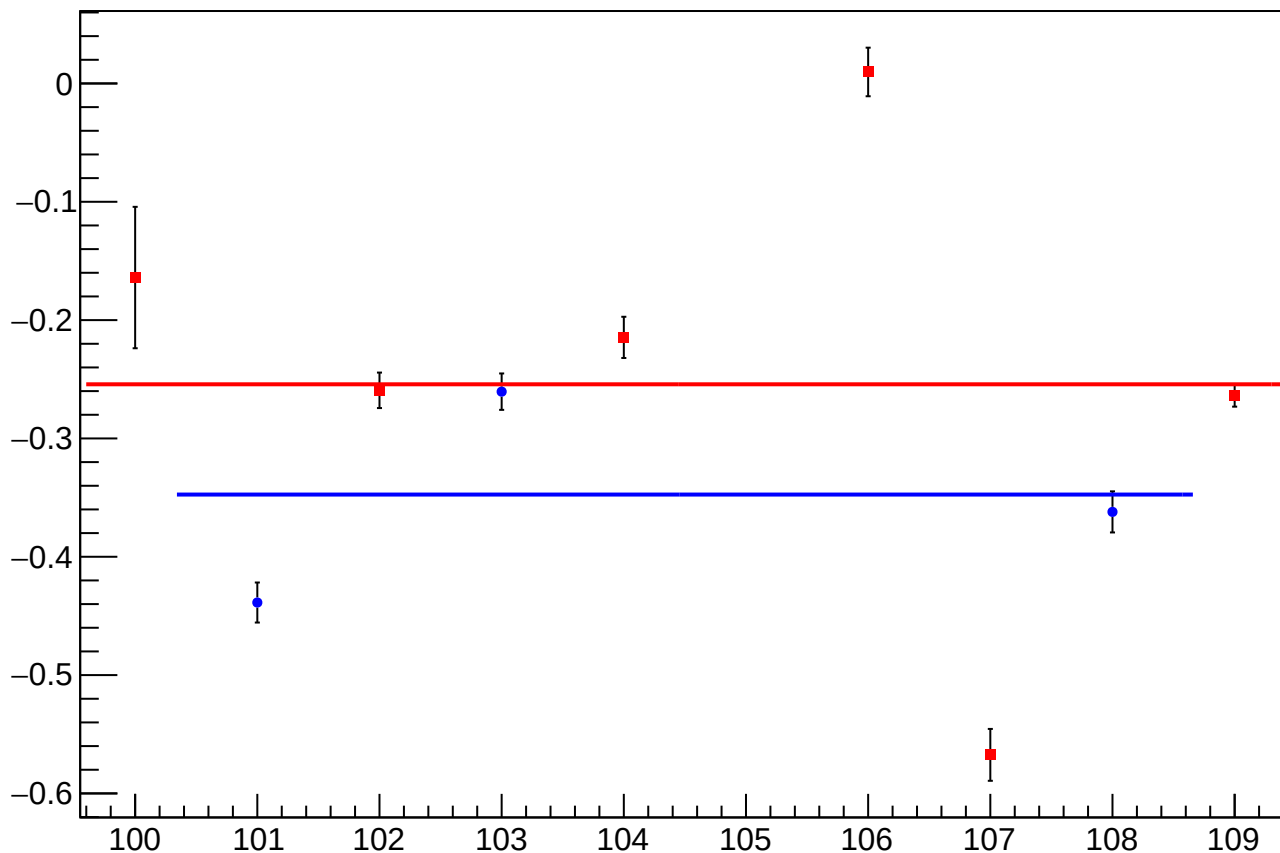
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.069+/-0.125 χ^2/NDF : 3076.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.347 ± 0.010 χ^2/NDF : 61.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.254 ± 0.006 χ^2/NDF : 378.0/5

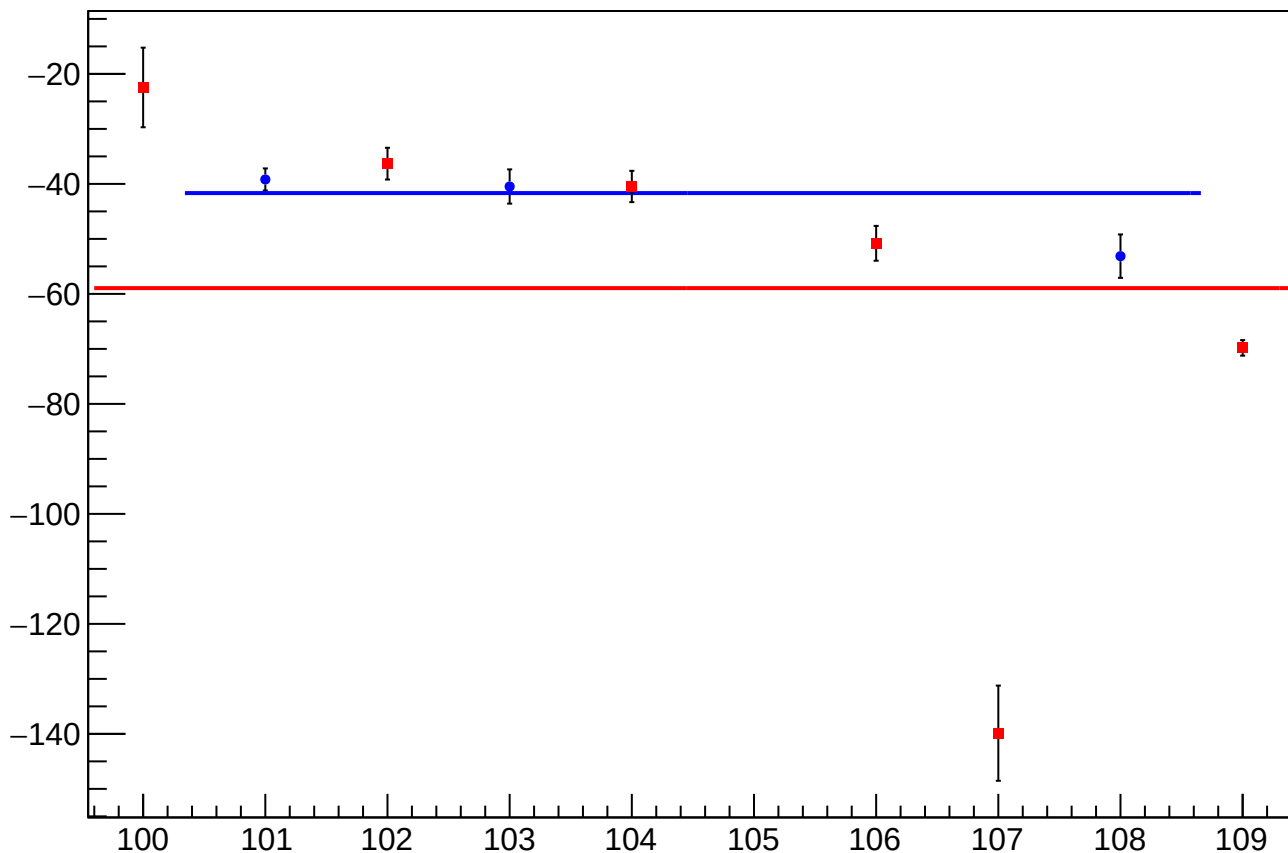
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.284 ± 0.005 χ^2/NDF : 505.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -41.669 ± 1.552 χ^2/NDF : 10.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.950 ± 1.069 χ^2/NDF : 282.0/5

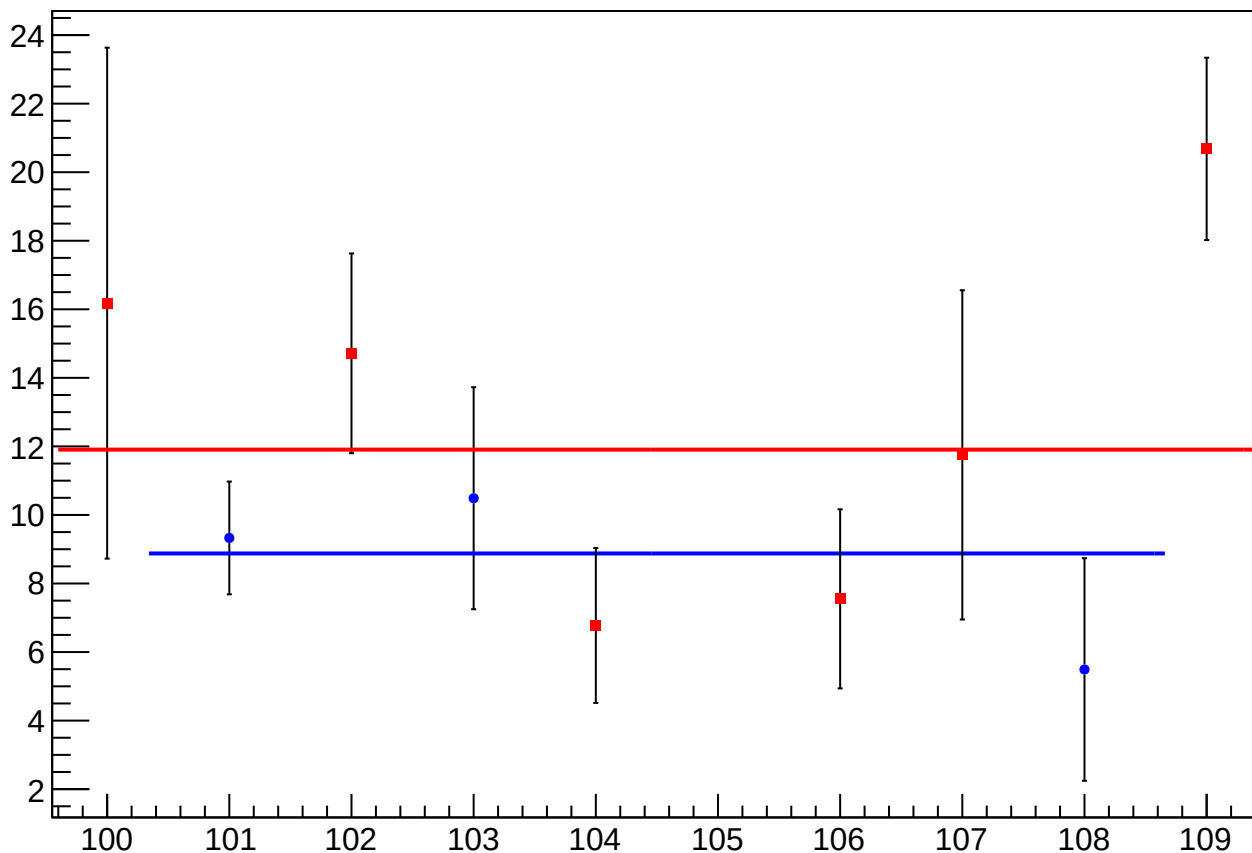
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.390 ± 0.881 χ^2/NDF : 376.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 8.876+/-1.336 χ^2/NDF : 1.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.906+/-1.229 χ^2/NDF : 20.1/5

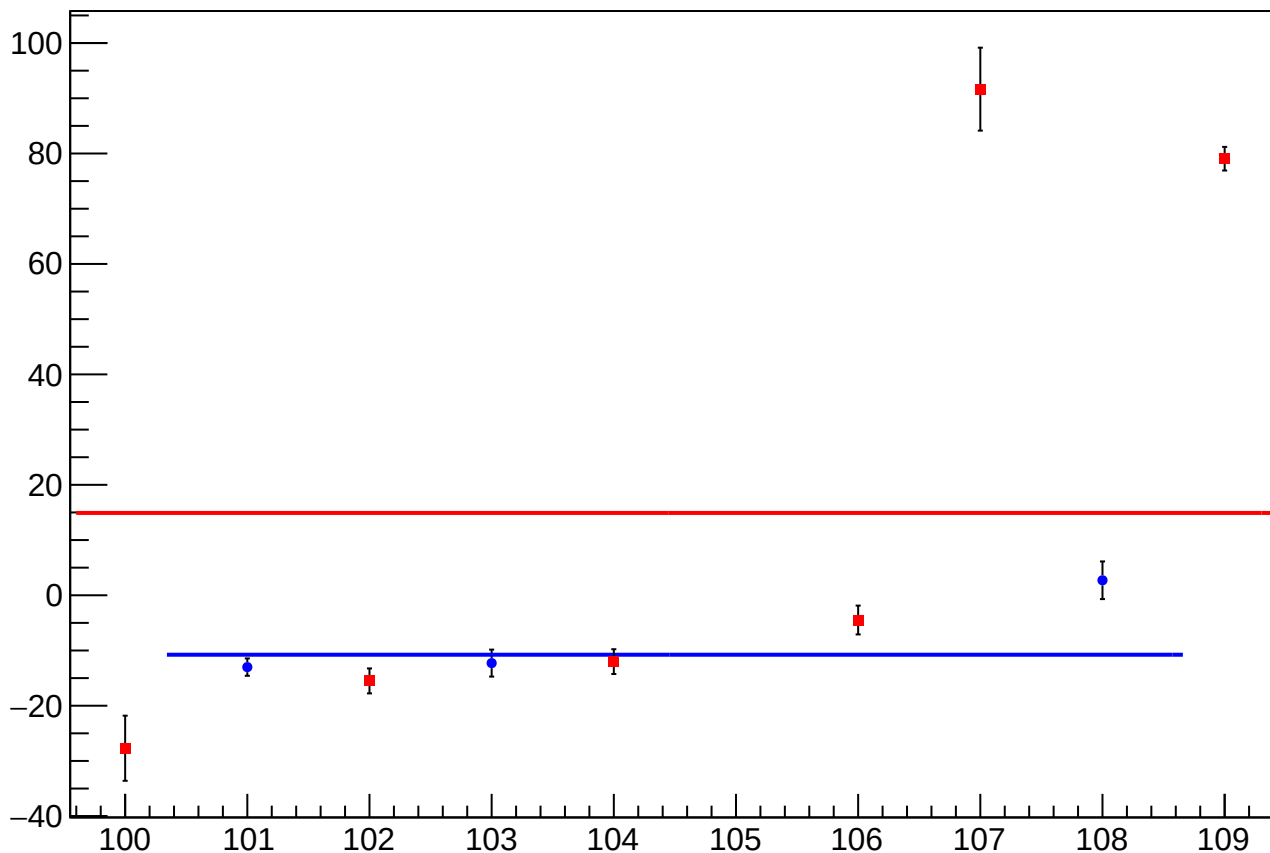
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.518+/-0.904 χ^2/NDF : 24.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: -10.765 $\pm$ 1.233 χ^2 /NDF: 18.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.910 $\pm$ 1.114 χ^2 /NDF: 1434.9/5

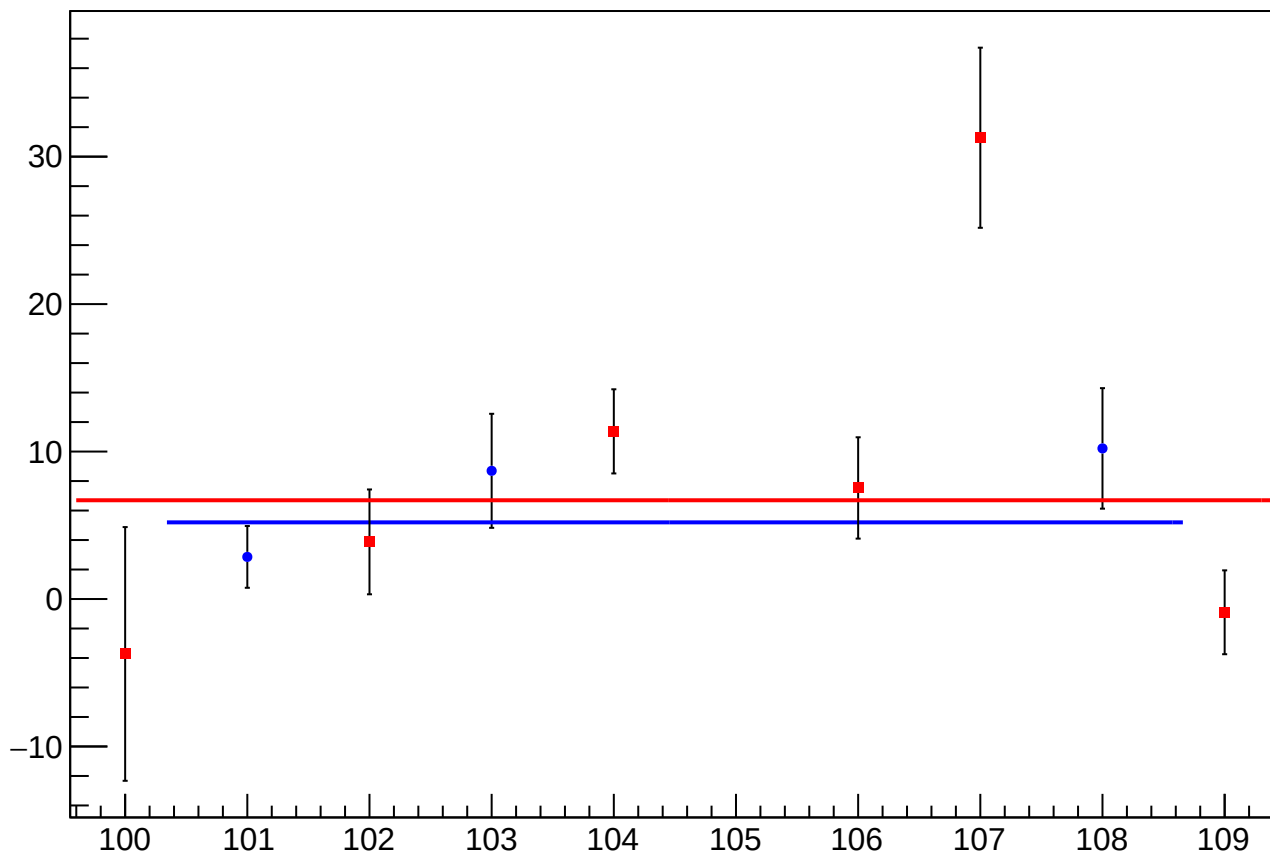
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.369 $\pm$ 0.827 χ^2 /NDF: 1691.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 5.198 $\pm$ 1.679 χ^2 /NDF: 3.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.697 $\pm$ 1.490 χ^2 /NDF: 28.2/5

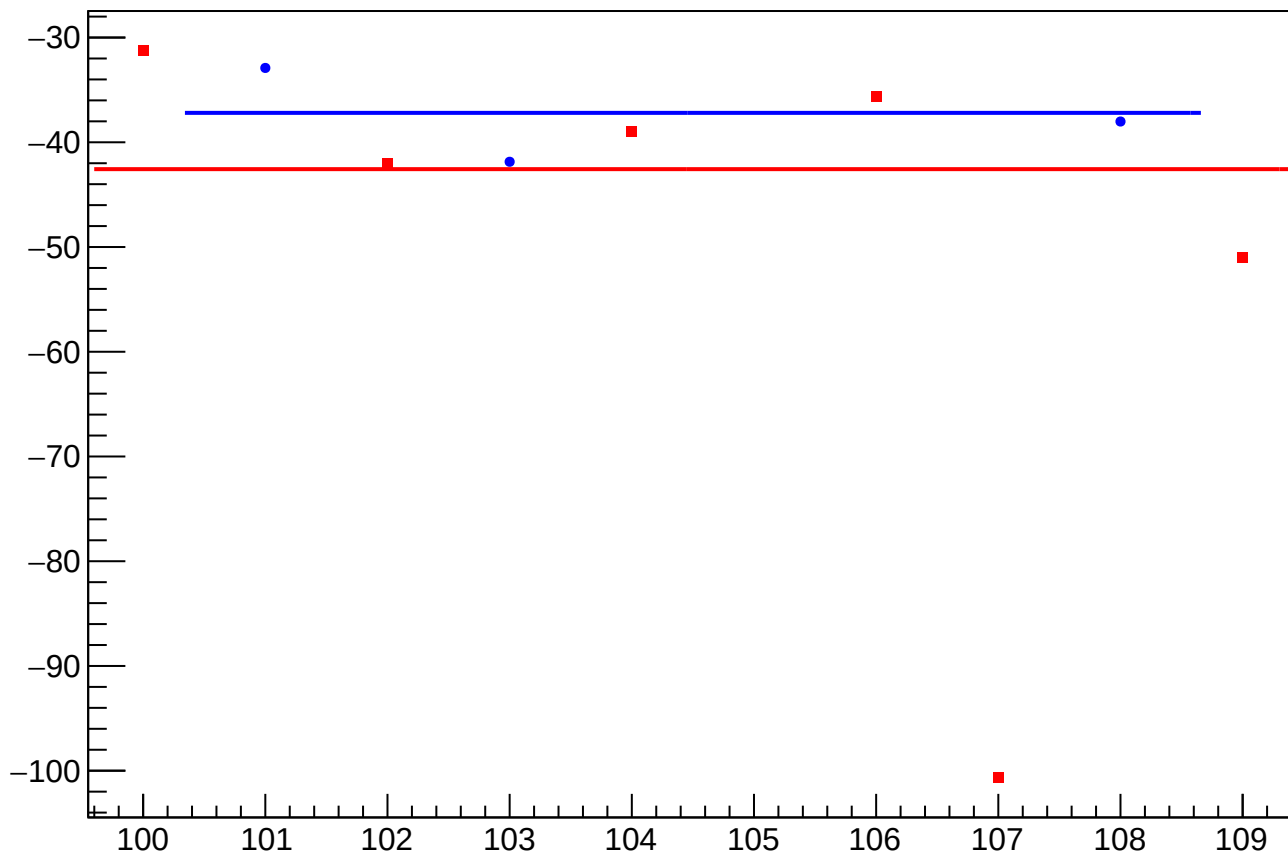
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.037 $\pm$ 1.114 χ^2 /NDF: 32.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -37.191 ± 0.062 $\chi^2/\text{NDF}: 4212.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -42.565 ± 0.056 $\chi^2/\text{NDF}: 44914.4/5$

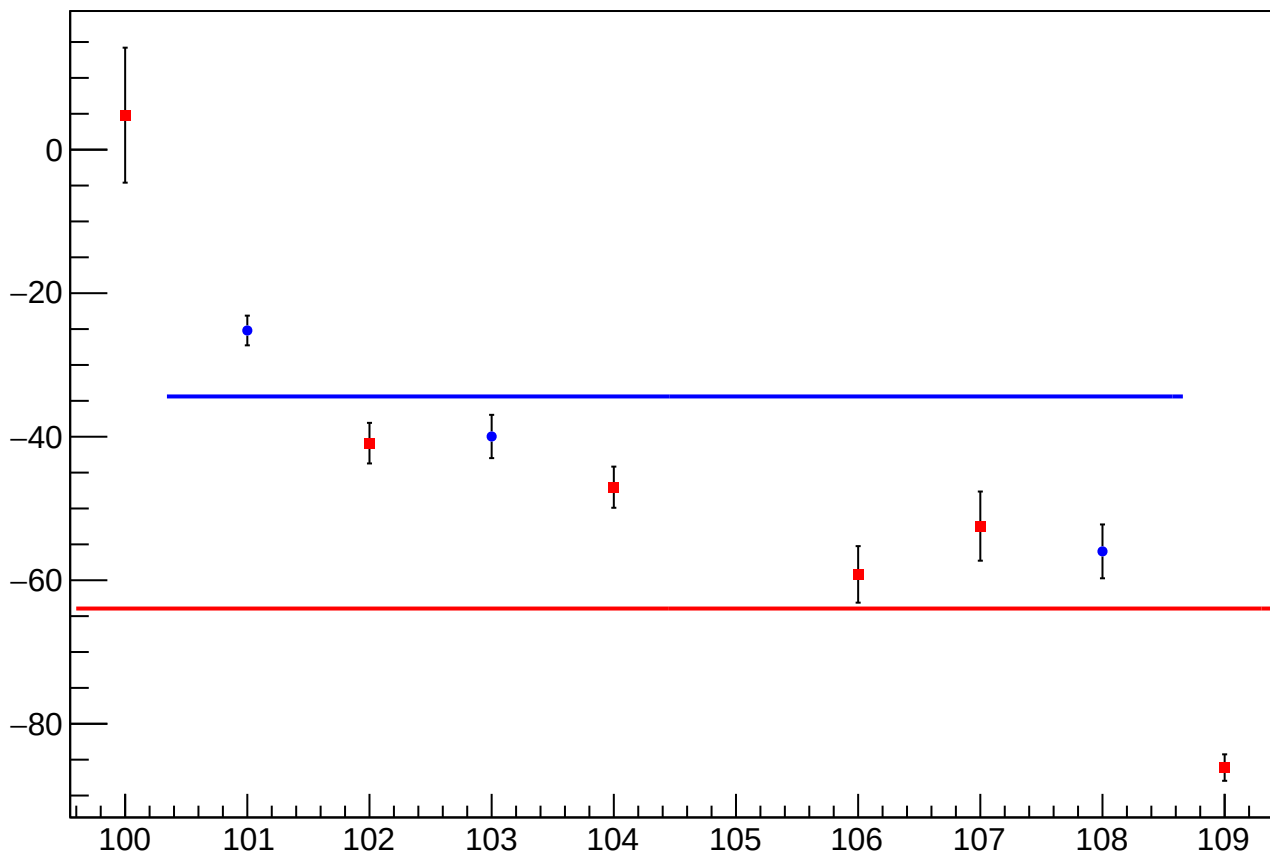
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.141 ± 0.042 $\chi^2/\text{NDF}: 53258.7/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -34.389 ± 1.553 χ^2/NDF : 56.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.941 ± 1.231 χ^2/NDF : 306.1/5

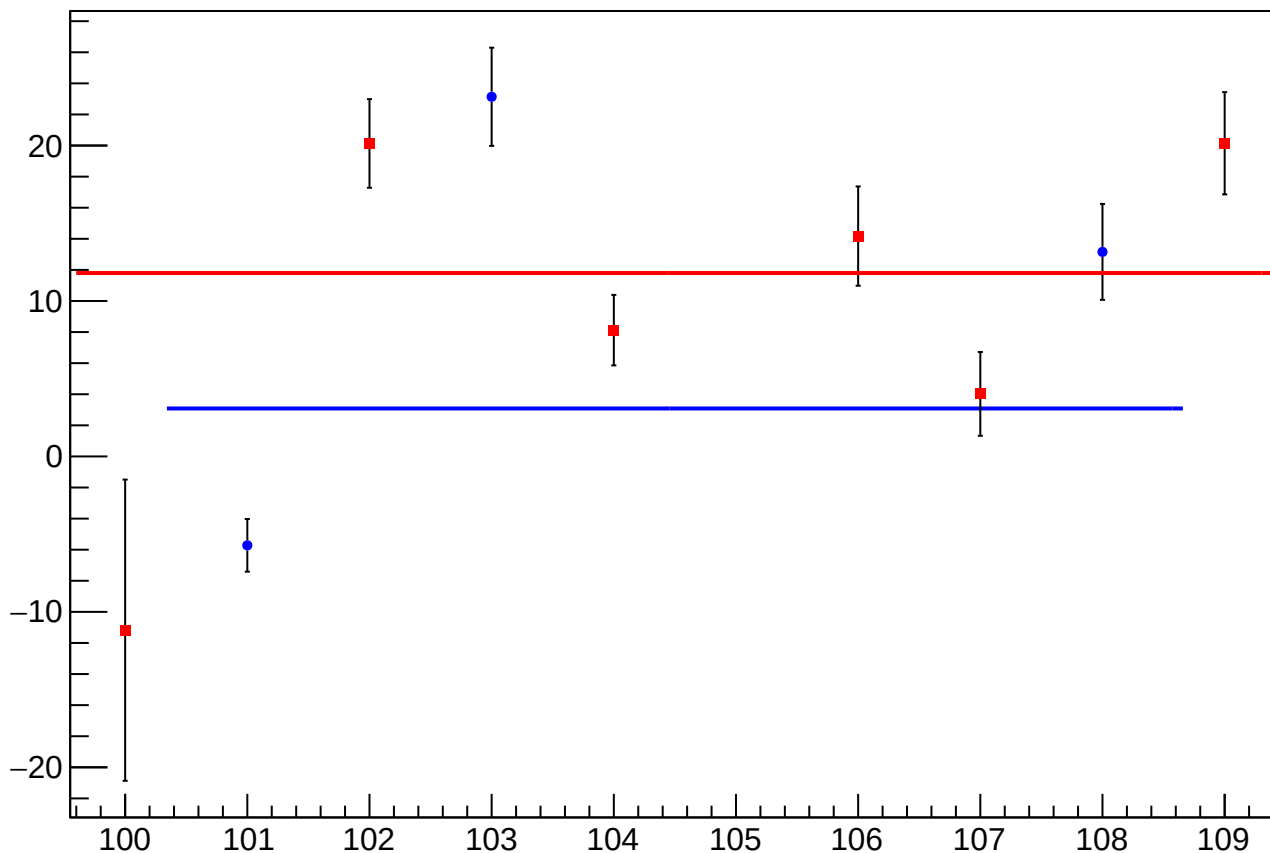
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.535 ± 0.965 χ^2/NDF : 584.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 3.085 ± 1.344 $\chi^2/\text{NDF}: 77.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.799 ± 1.234 $\chi^2/\text{NDF}: 32.1/5$

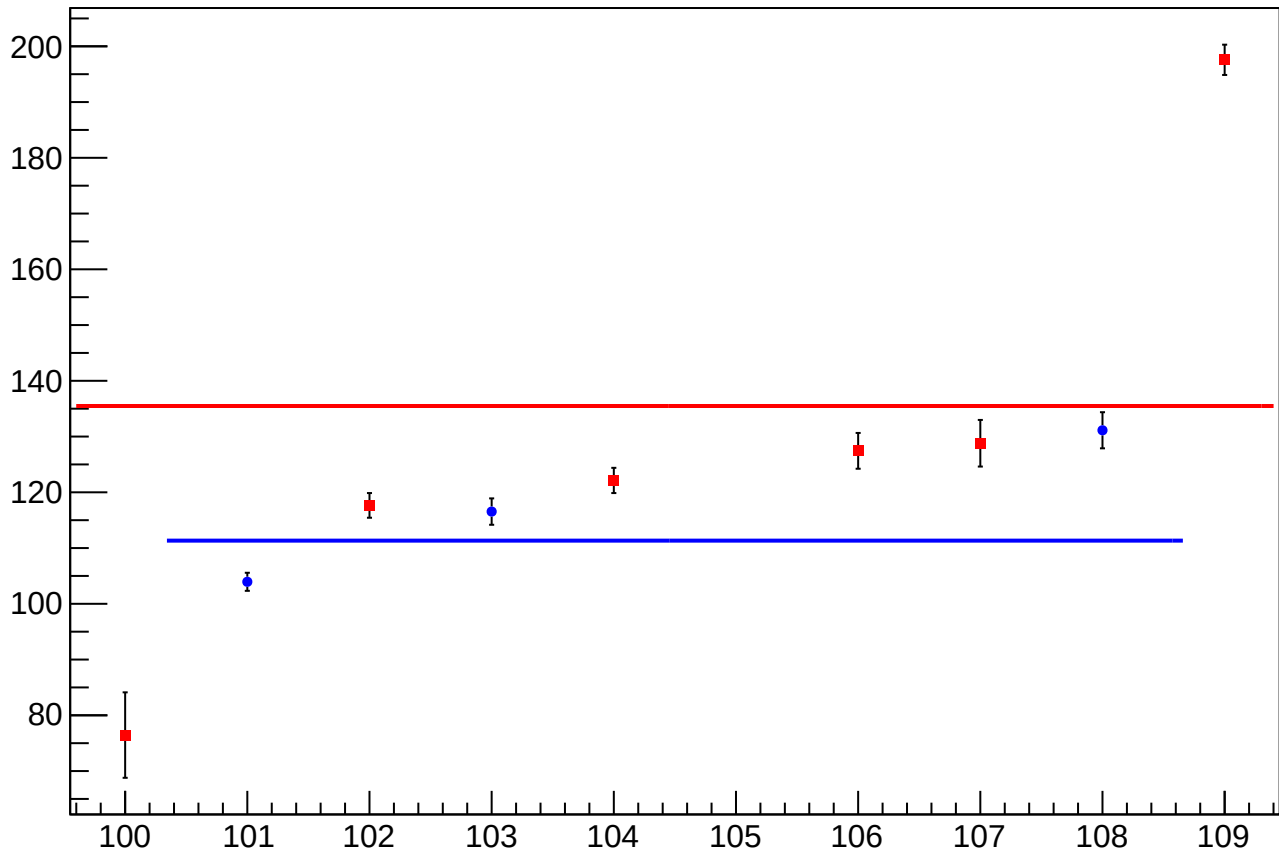
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 7.812 ± 0.909 $\chi^2/\text{NDF}: 132.8/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 111.332 $\pm$ 1.236 χ^2 /NDF: 63.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 135.481 $\pm$ 1.190 χ^2 /NDF: 690.1/5

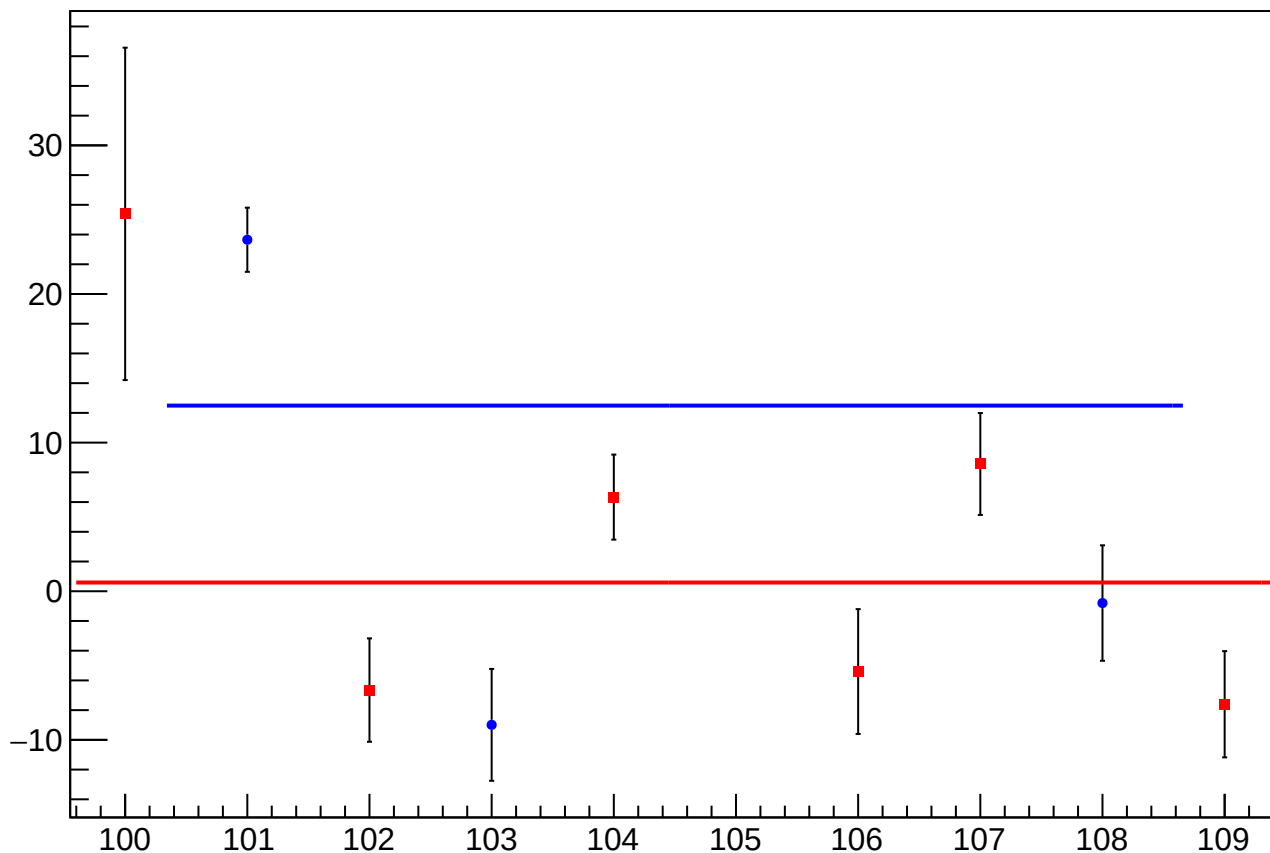
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 123.860 $\pm$ 0.857 χ^2 /NDF: 951.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 12.491+/-1.686 χ^2/NDF : 71.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.587+/-1.520 χ^2/NDF : 26.0/5

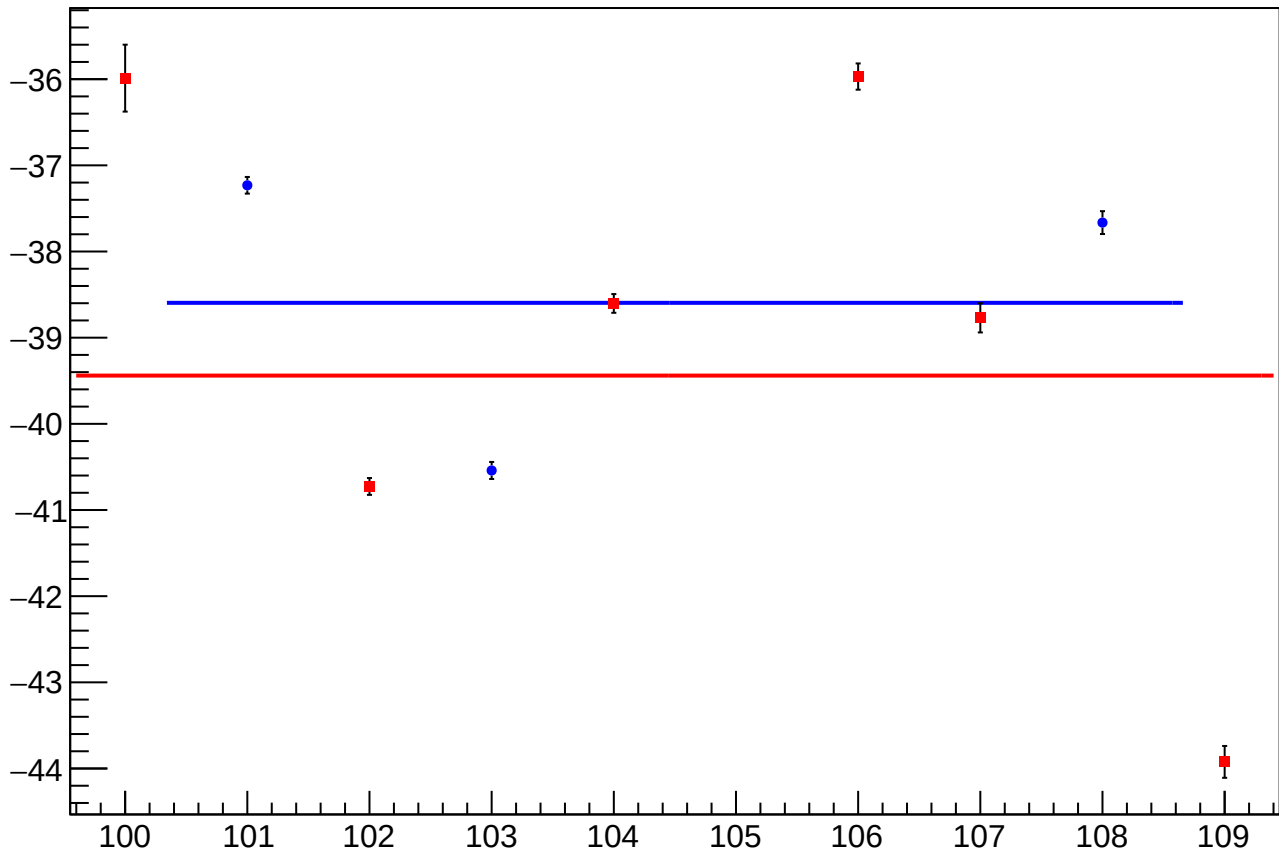
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.923+/-1.129 χ^2/NDF : 124.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -38.596 ± 0.061 χ^2/NDF : 636.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.440 ± 0.057 χ^2/NDF : 1436.0/5

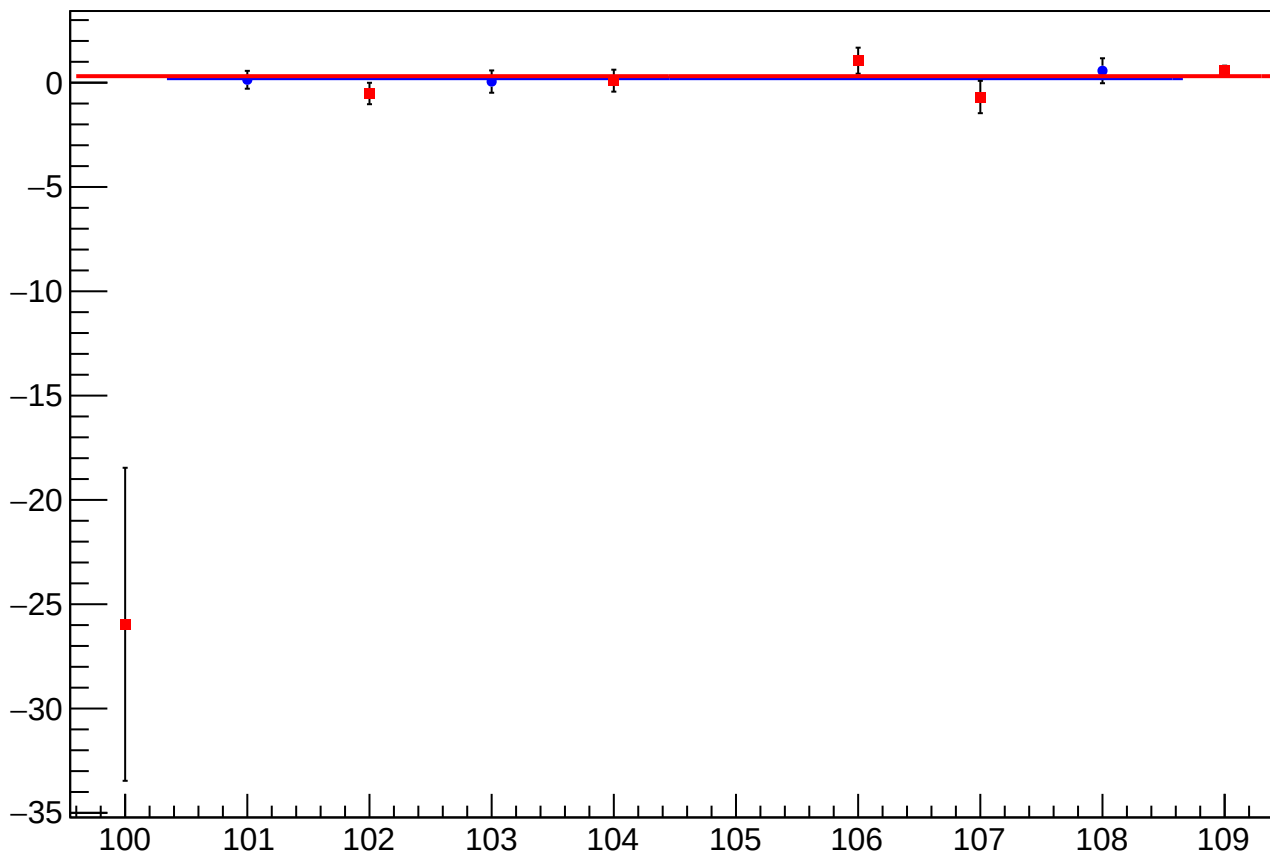
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.045 ± 0.042 χ^2/NDF : 2173.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.216 $\pm$ 0.292 χ^2 /NDF: 0.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.311 $\pm$ 0.189 χ^2 /NDF: 19.2/5

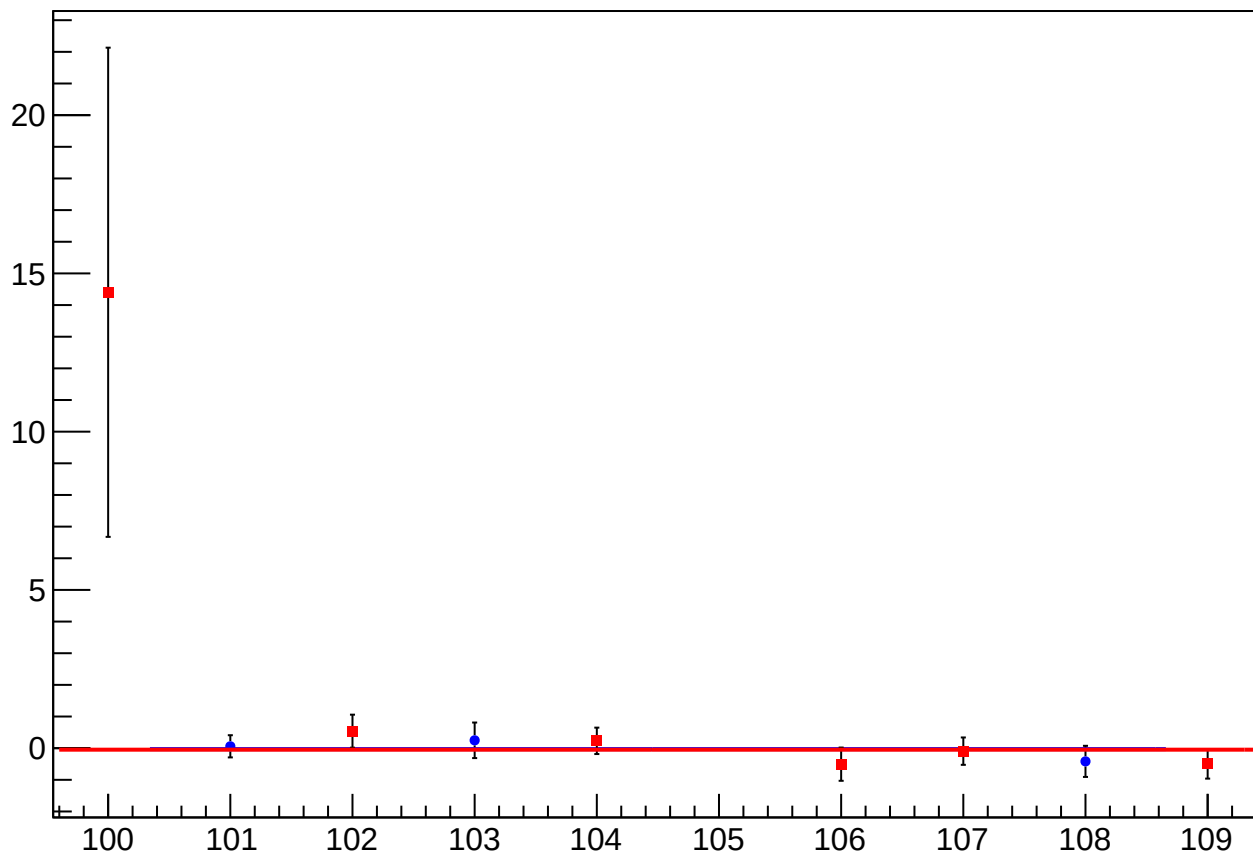
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.283 $\pm$ 0.159 χ^2 /NDF: 19.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.030 ± 0.254 χ^2/NDF : 0.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 ± 0.208 χ^2/NDF : 6.9/5

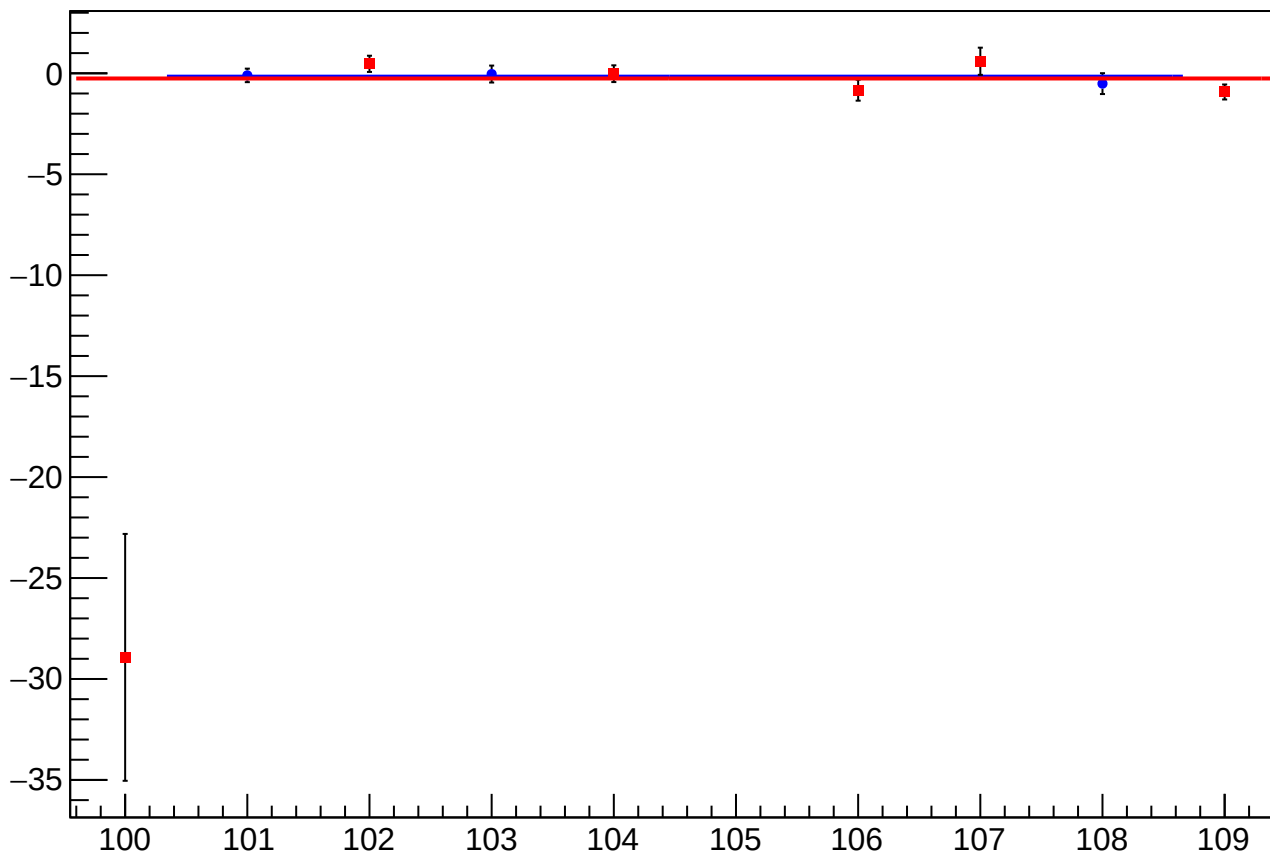
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.161 χ^2/NDF : 7.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.167 $\pm$ 0.234 χ^2 /NDF: 0.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.257 $\pm$ 0.199 χ^2 /NDF: 31.7/5

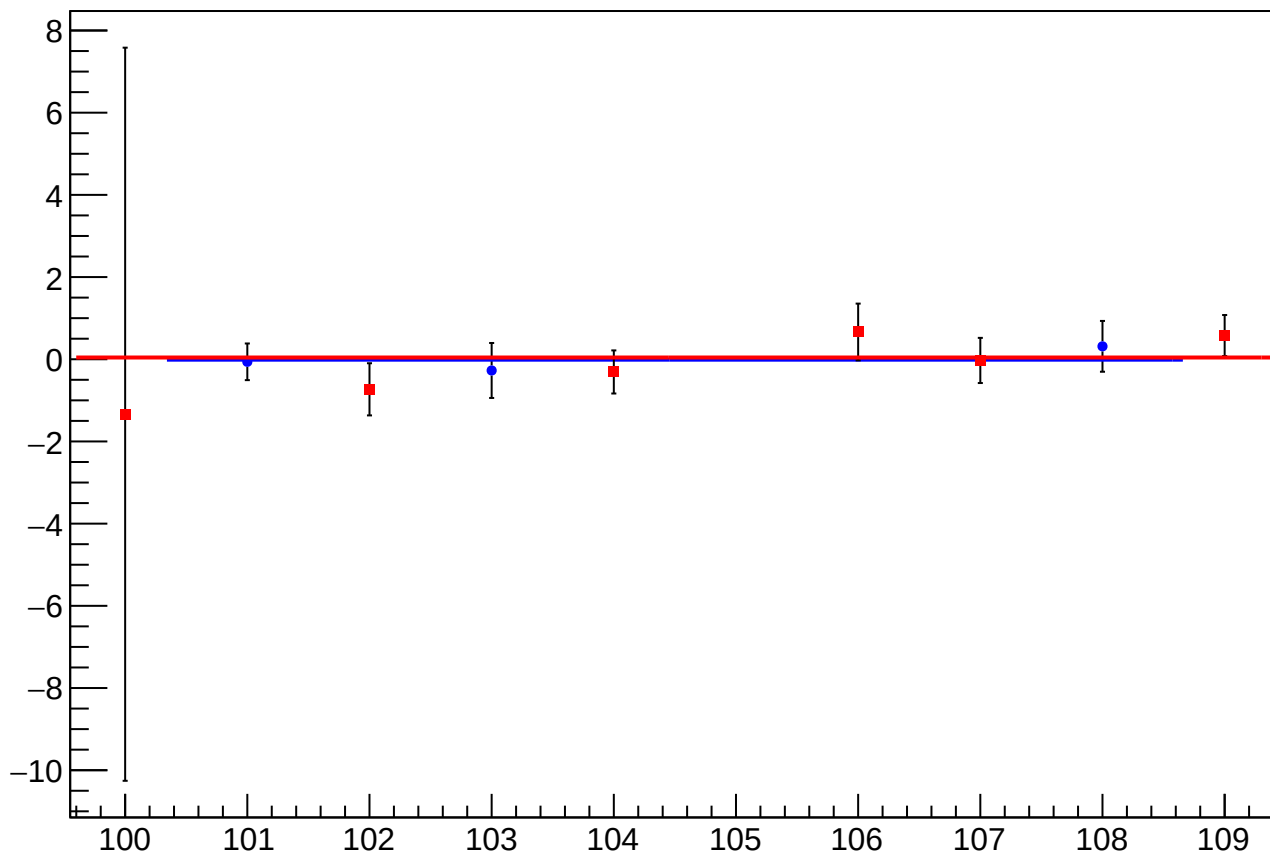
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.219 $\pm$ 0.152 χ^2 /NDF: 32.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: -0.010 $\pm$ 0.318 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.043 $\pm$ 0.253 χ^2 /NDF: 3.9/5

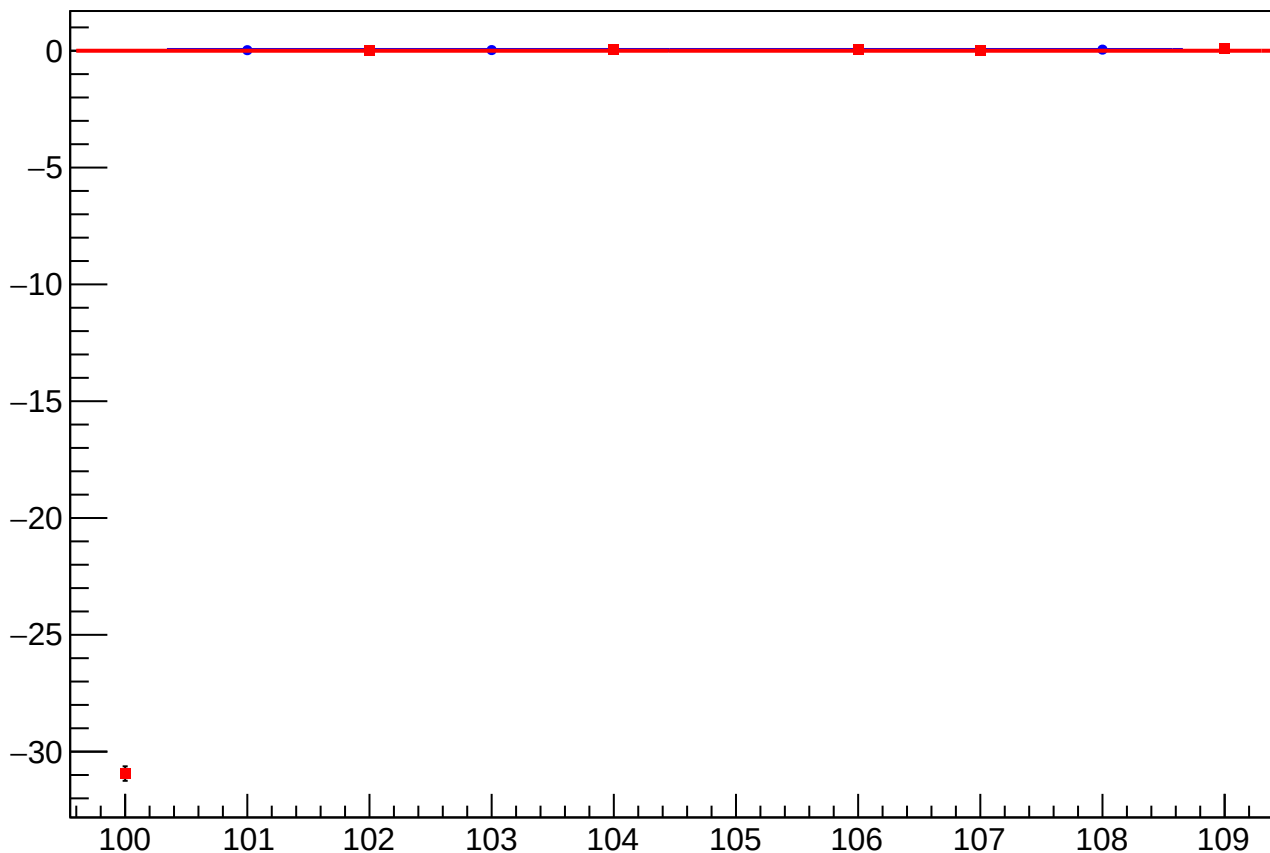
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.022 $\pm$ 0.198 χ^2 /NDF: 4.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.033+/-0.011 χ^2/NDF : 0.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.010 χ^2/NDF : 9997.1/5

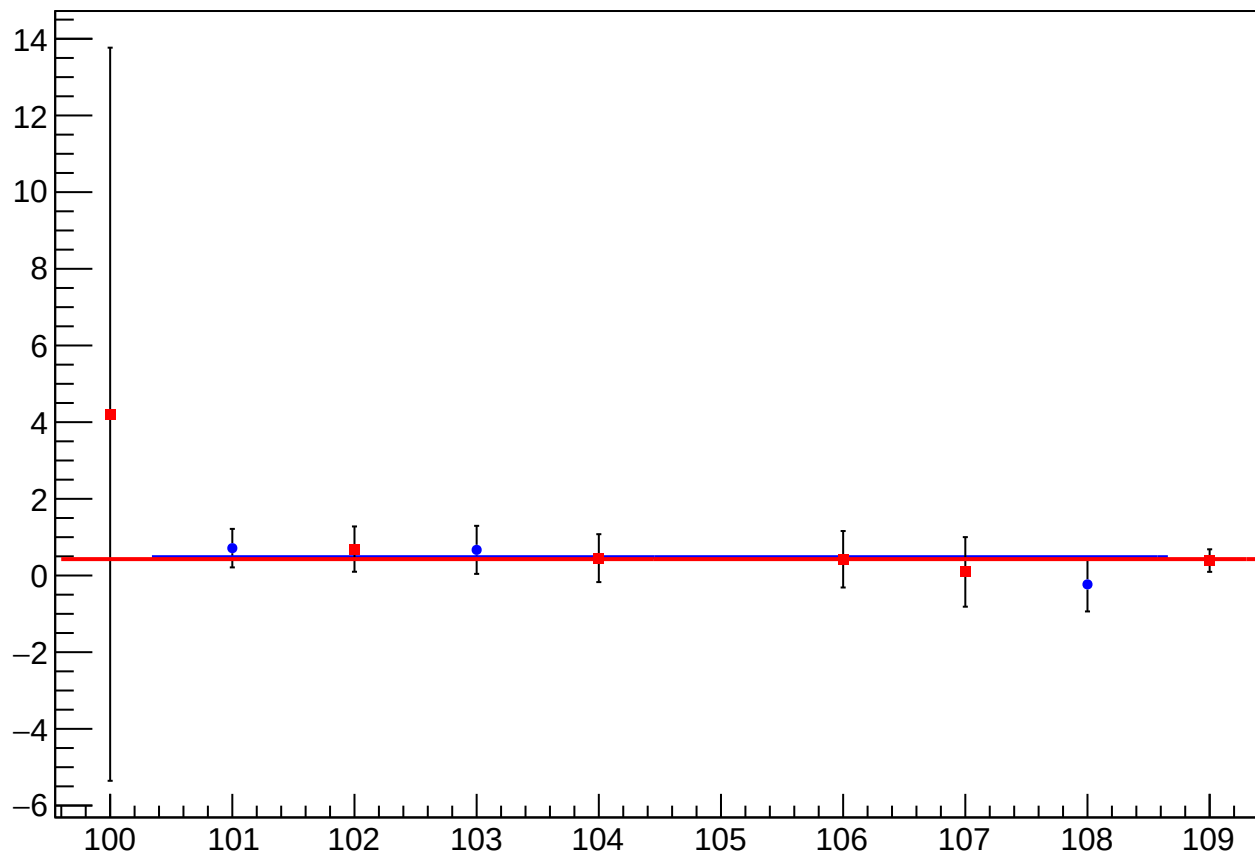
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.007 χ^2/NDF : 10002.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.478 $\pm$ 0.343 χ^2 /NDF: 1.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.428 $\pm$ 0.223 χ^2 /NDF: 0.5/5

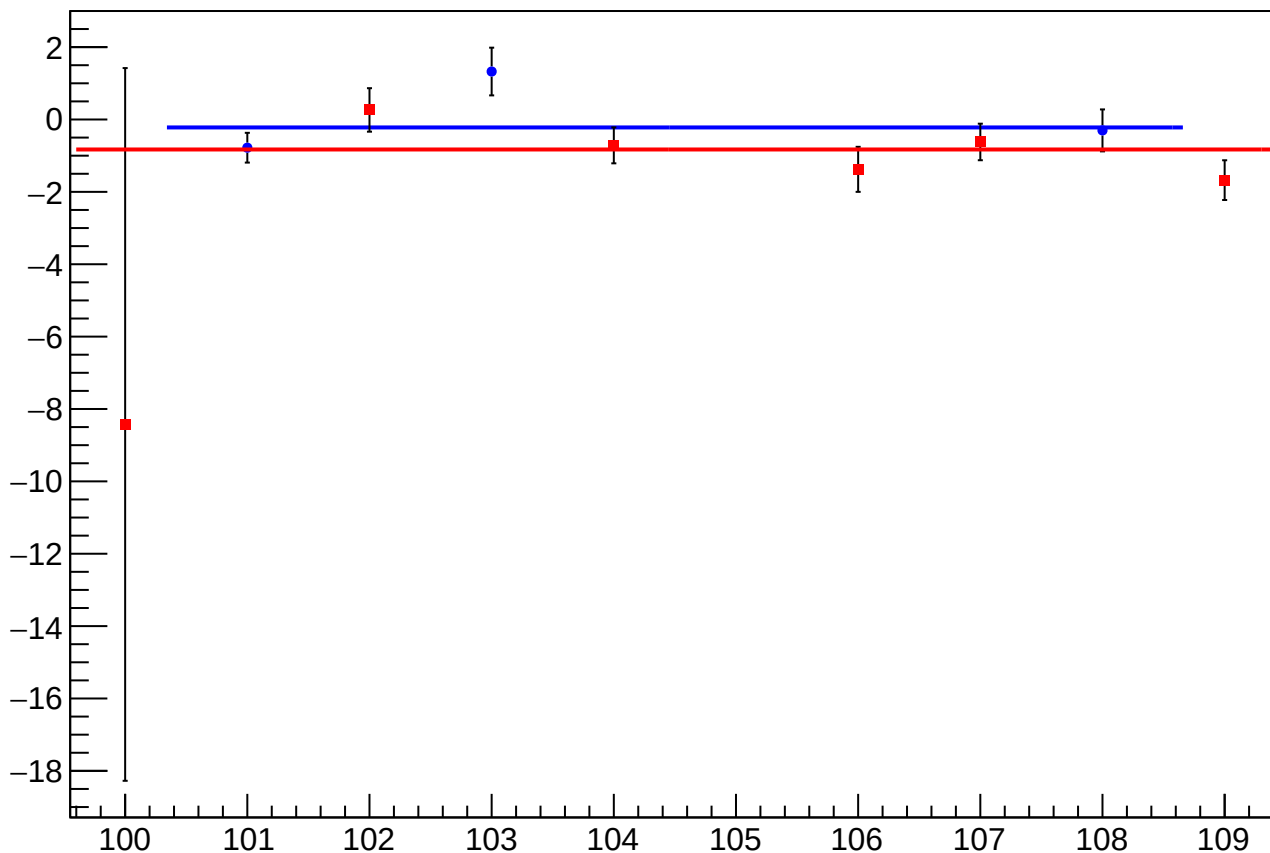
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.442 $\pm$ 0.187 χ^2 /NDF: 1.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.220 ± 0.299 $\chi^2/\text{NDF}: 7.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.829 ± 0.245 $\chi^2/\text{NDF}: 7.3/5$

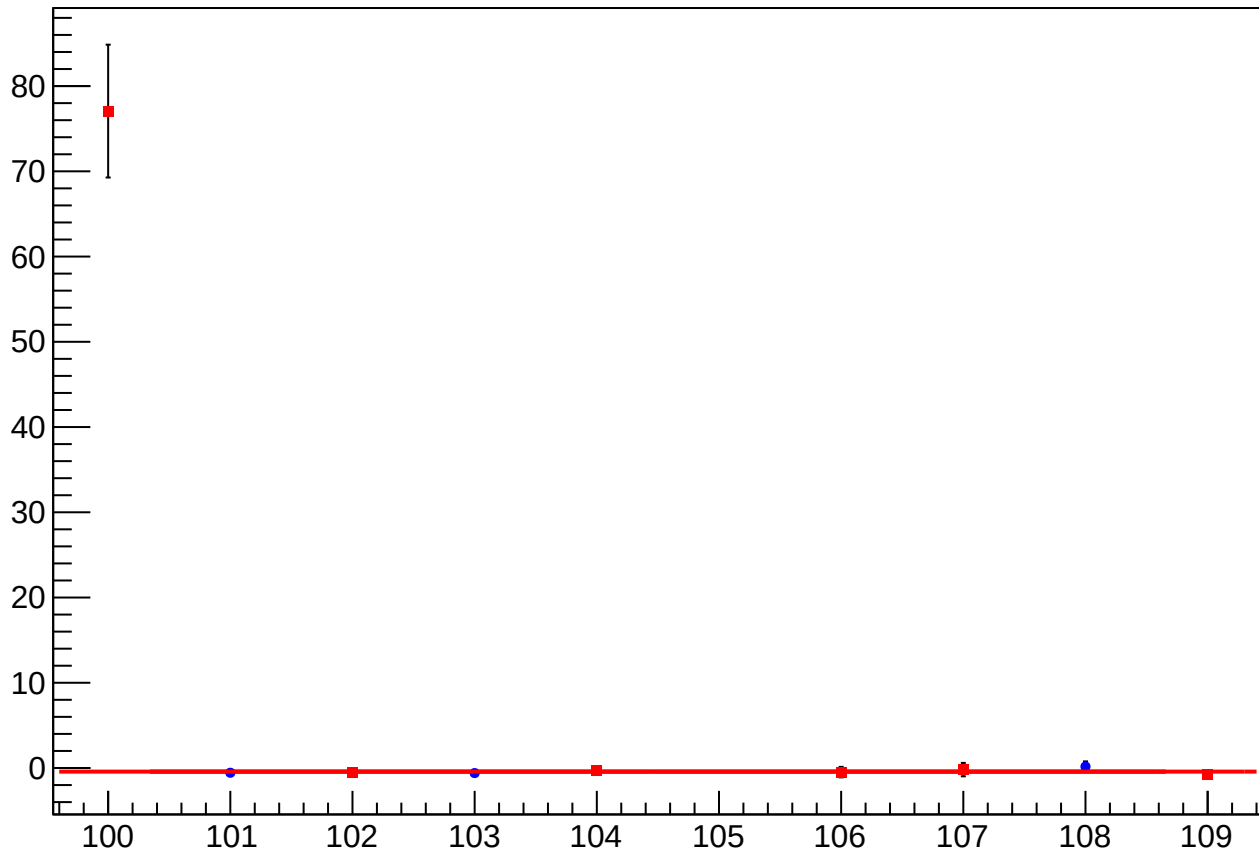
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.584 ± 0.190 $\chi^2/\text{NDF}: 17.1/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.422 ± 0.274 χ^2/NDF : 1.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.424 ± 0.234 χ^2/NDF : 99.5/5

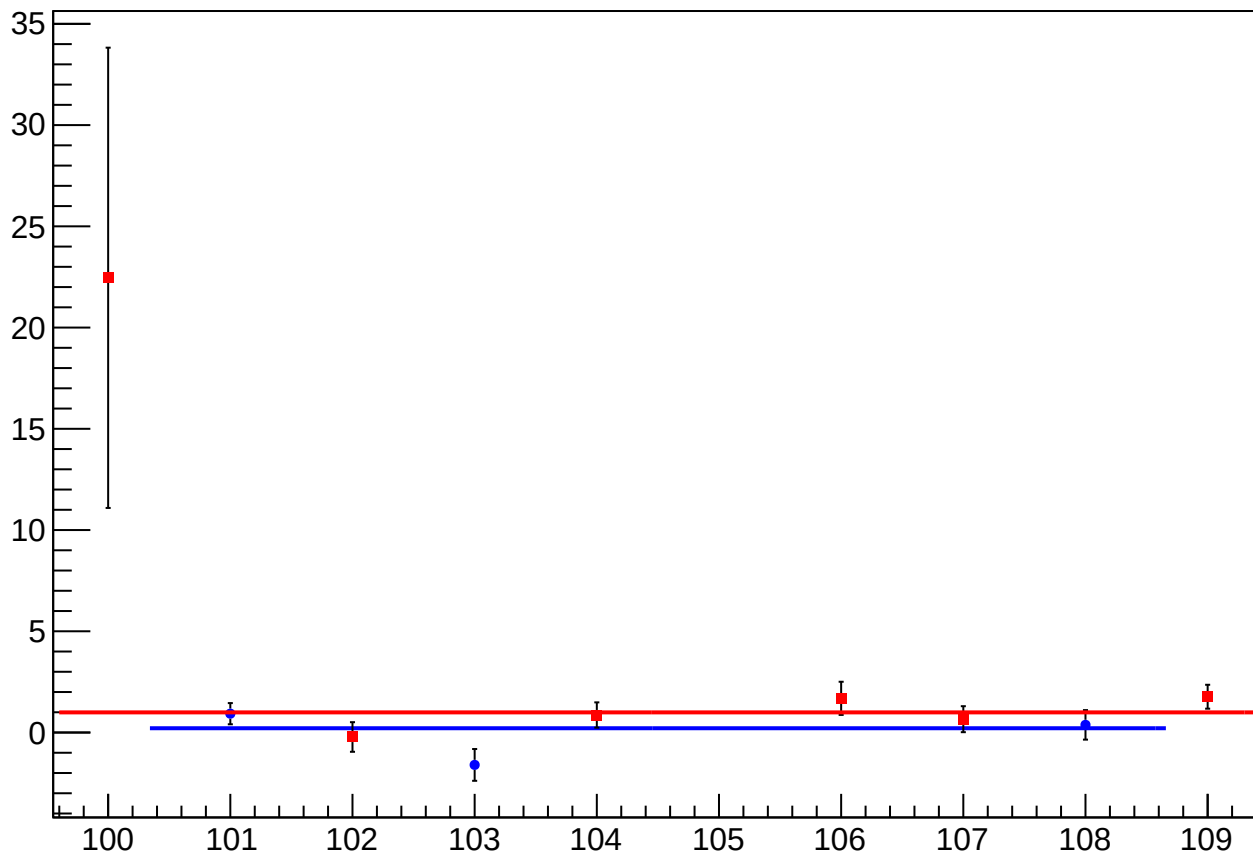
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.423 ± 0.178 χ^2/NDF : 100.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.211 $\pm$ 0.374 χ^2 /NDF: 7.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.994 $\pm$ 0.298 χ^2 /NDF: 9.1/5

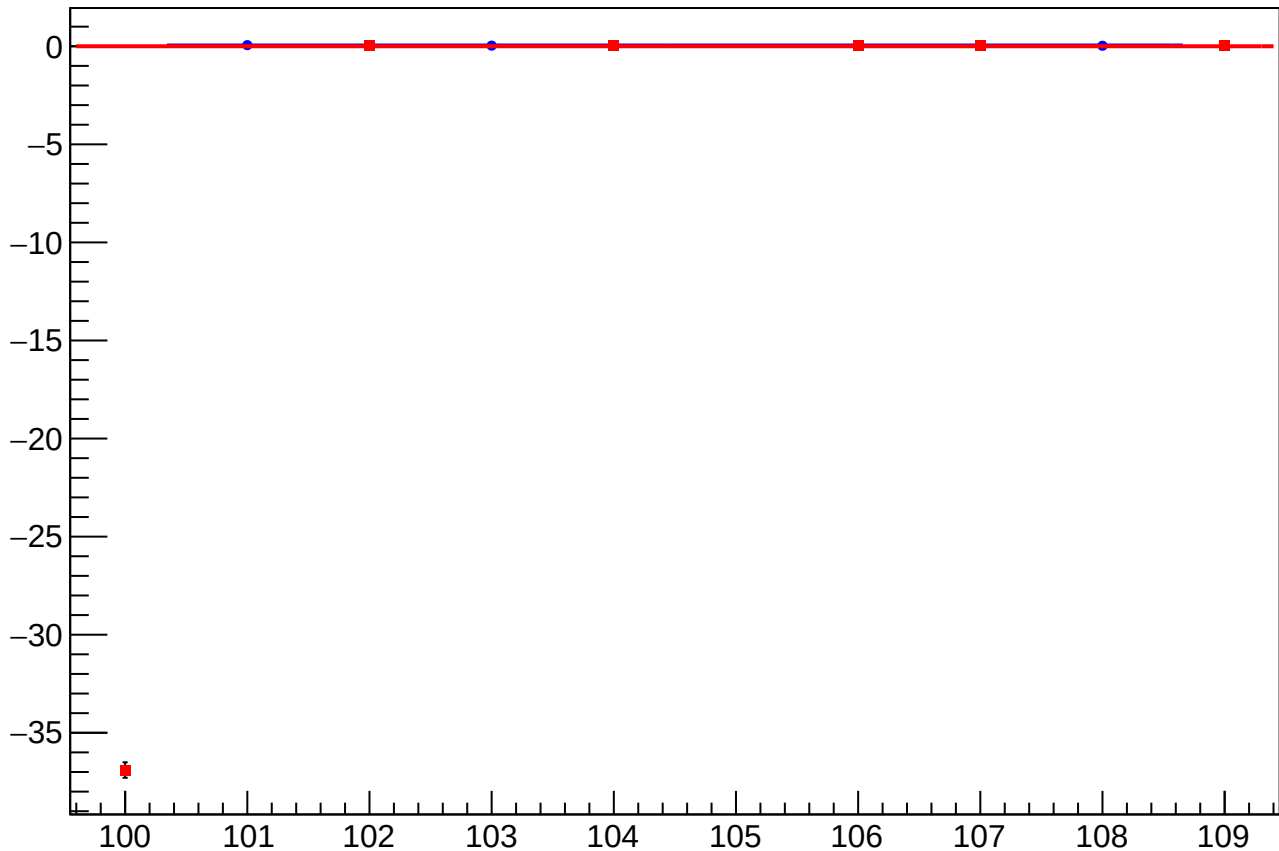
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.689 $\pm$ 0.233 χ^2 /NDF: 19.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.039+/-0.013 χ^2/NDF : 1.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.012 χ^2/NDF : 8742.5/5

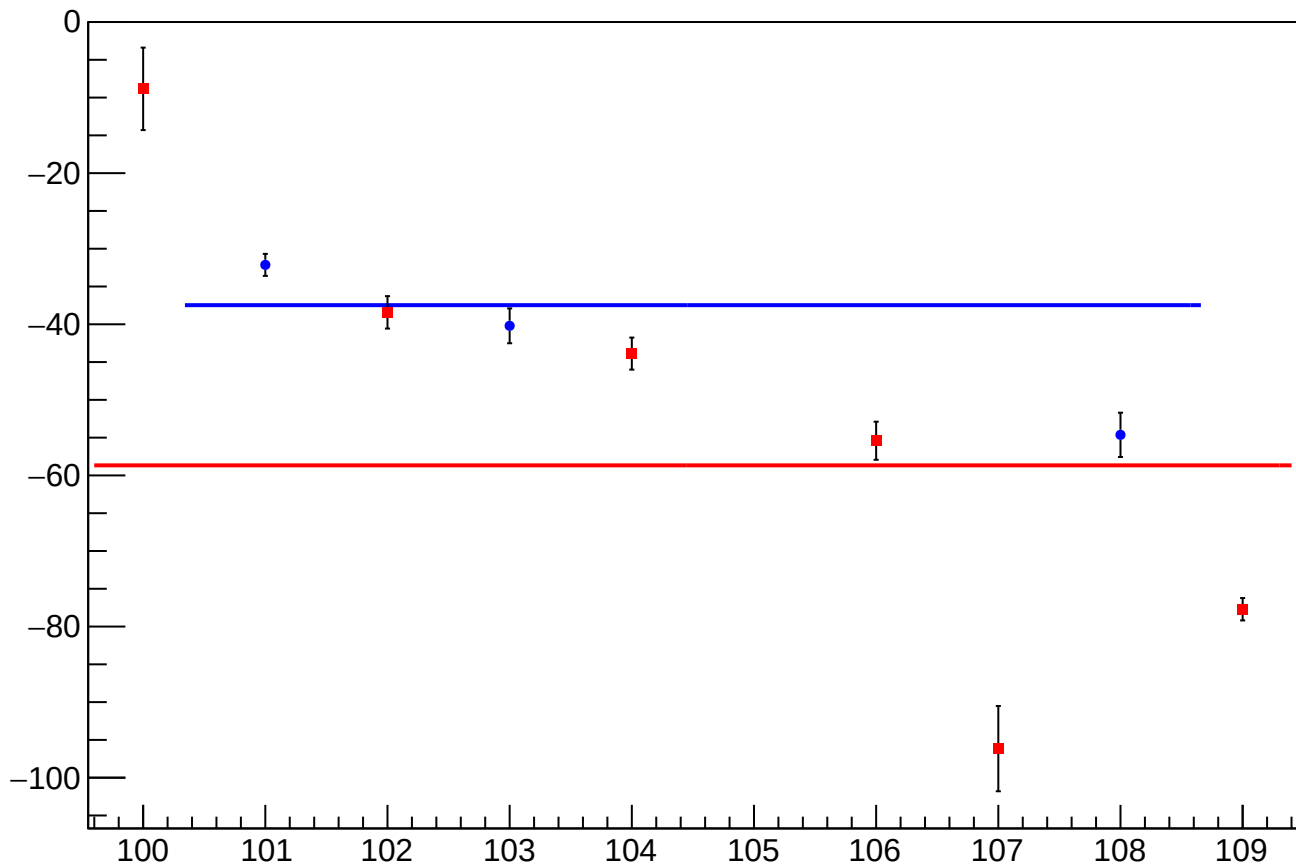
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.009 χ^2/NDF : 8748.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -37.469 ± 1.135 $\chi^2/\text{NDF}: 49.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -58.669 ± 0.945 $\chi^2/\text{NDF}: 432.5/5$

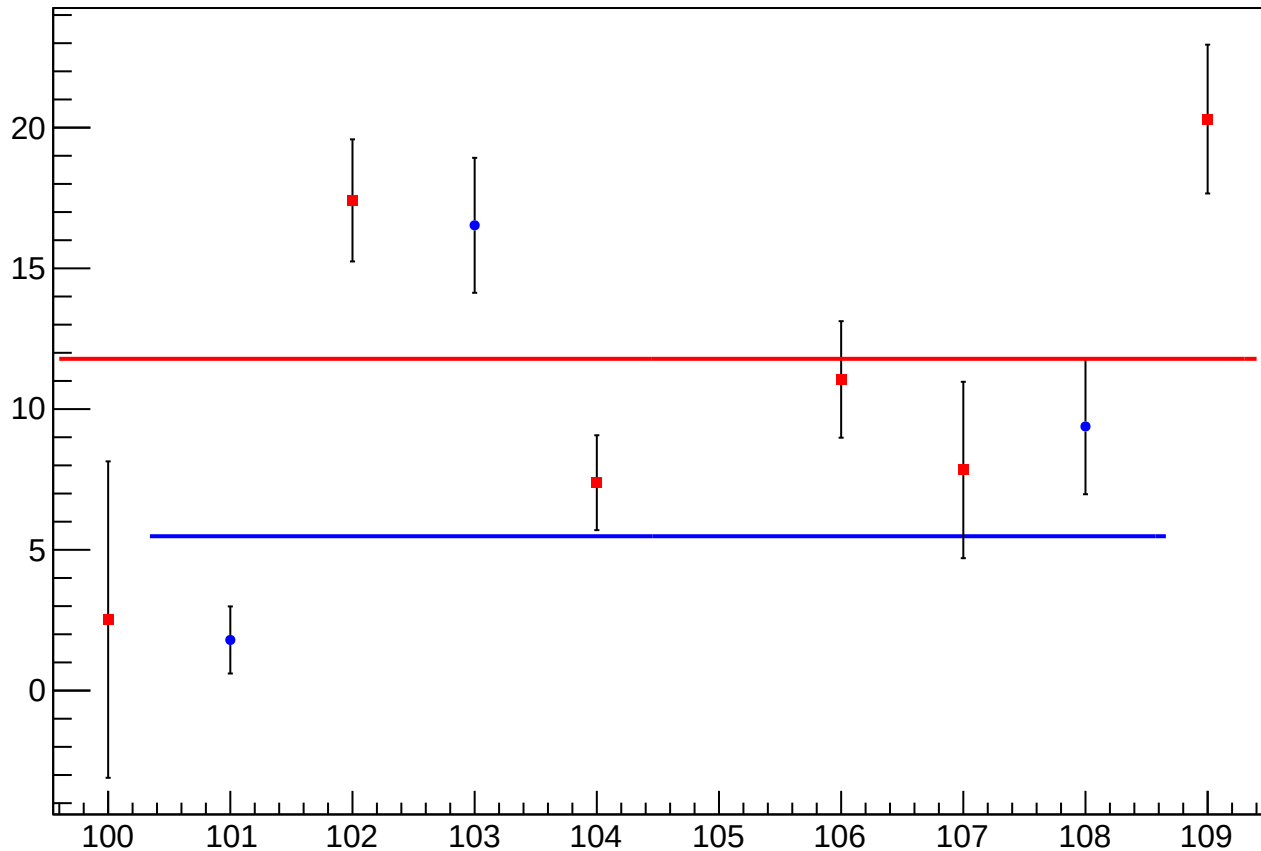
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -49.988 ± 0.727 $\chi^2/\text{NDF}: 687.5/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 5.483+/-0.976 χ^2/NDF : 33.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.786+/-0.965 χ^2/NDF : 28.4/5

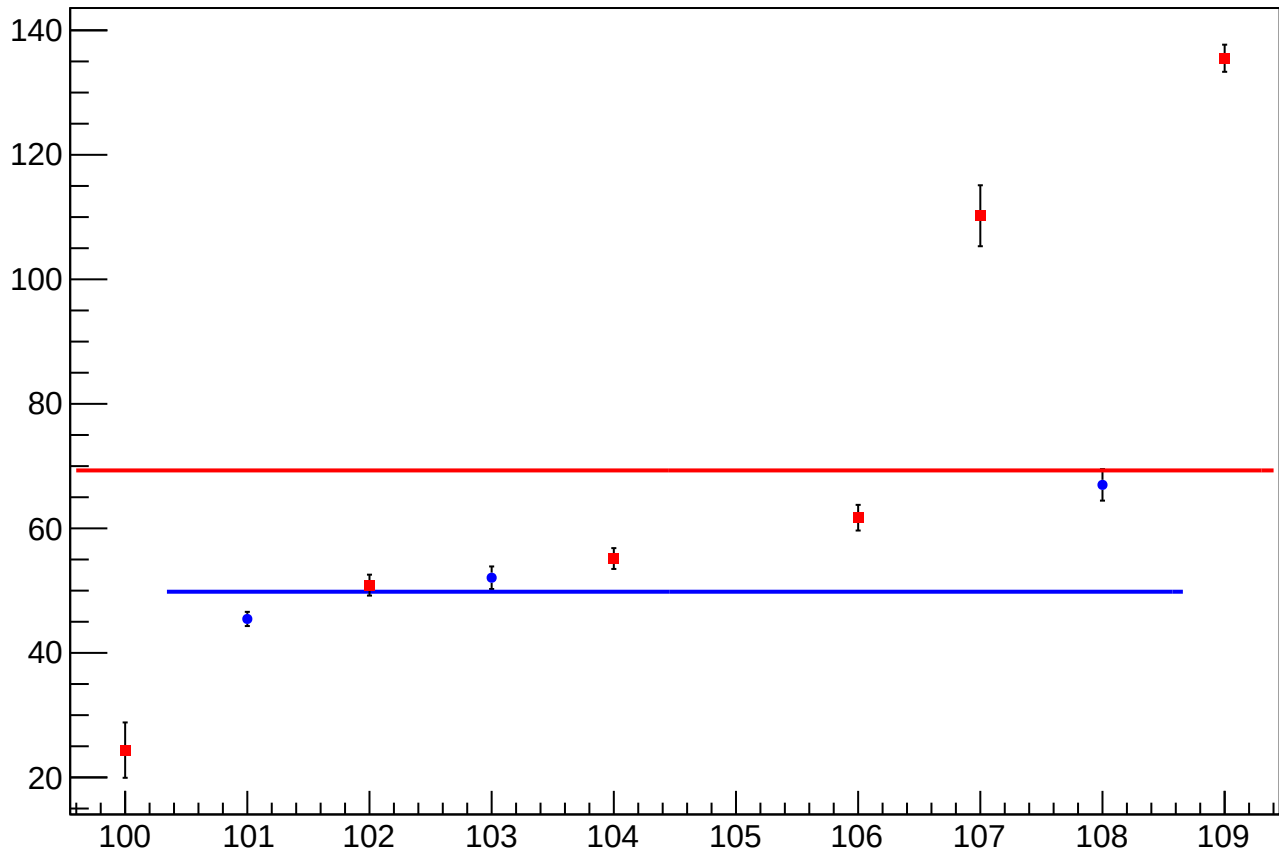
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.671+/-0.686 χ^2/NDF : 82.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 49.824 $\pm$ 0.901 χ^2 /NDF: 62.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 69.307 $\pm$ 0.895 χ^2 /NDF: 1300.0/5

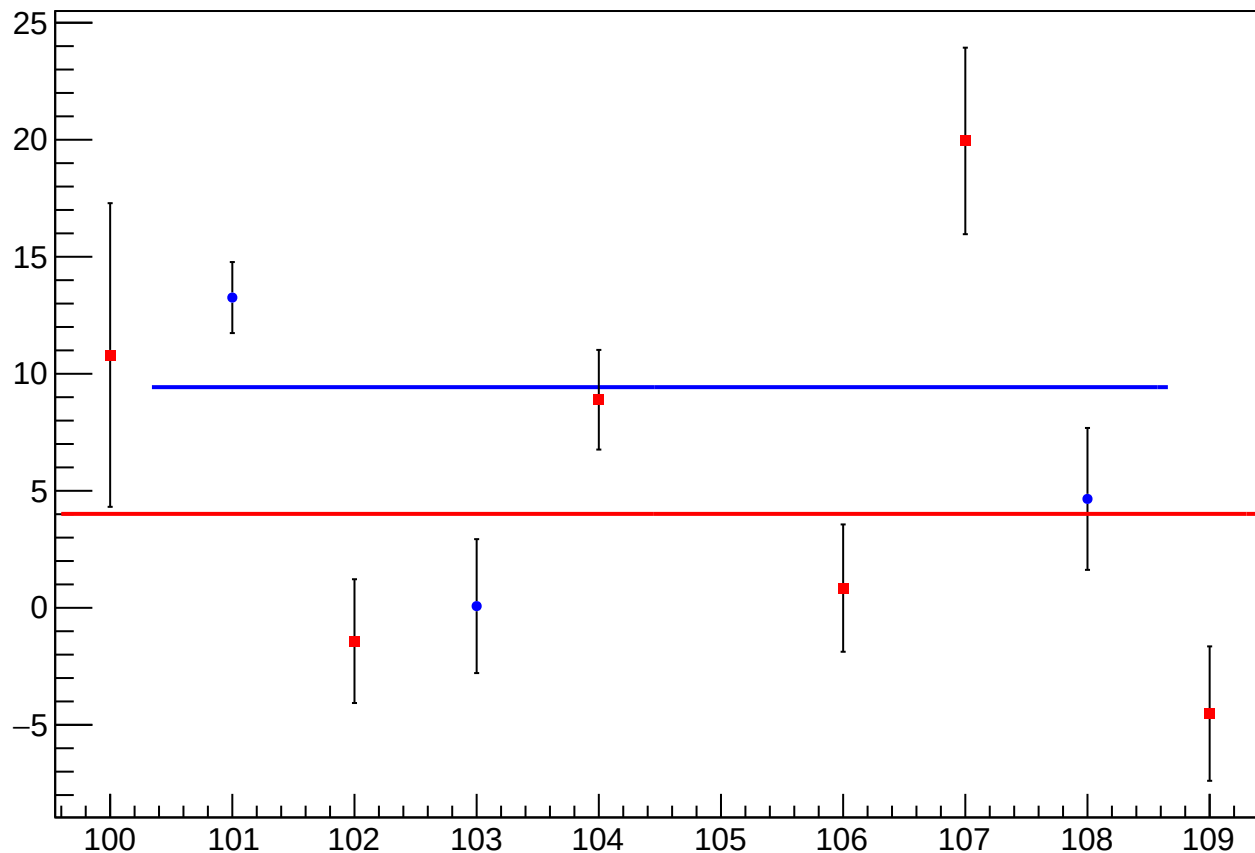
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.640 $\pm$ 0.635 χ^2 /NDF: 1597.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 9.429±1.226 χ^2/NDF : 19.5/2

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 4.014±1.190 χ^2/NDF : 36.8/5

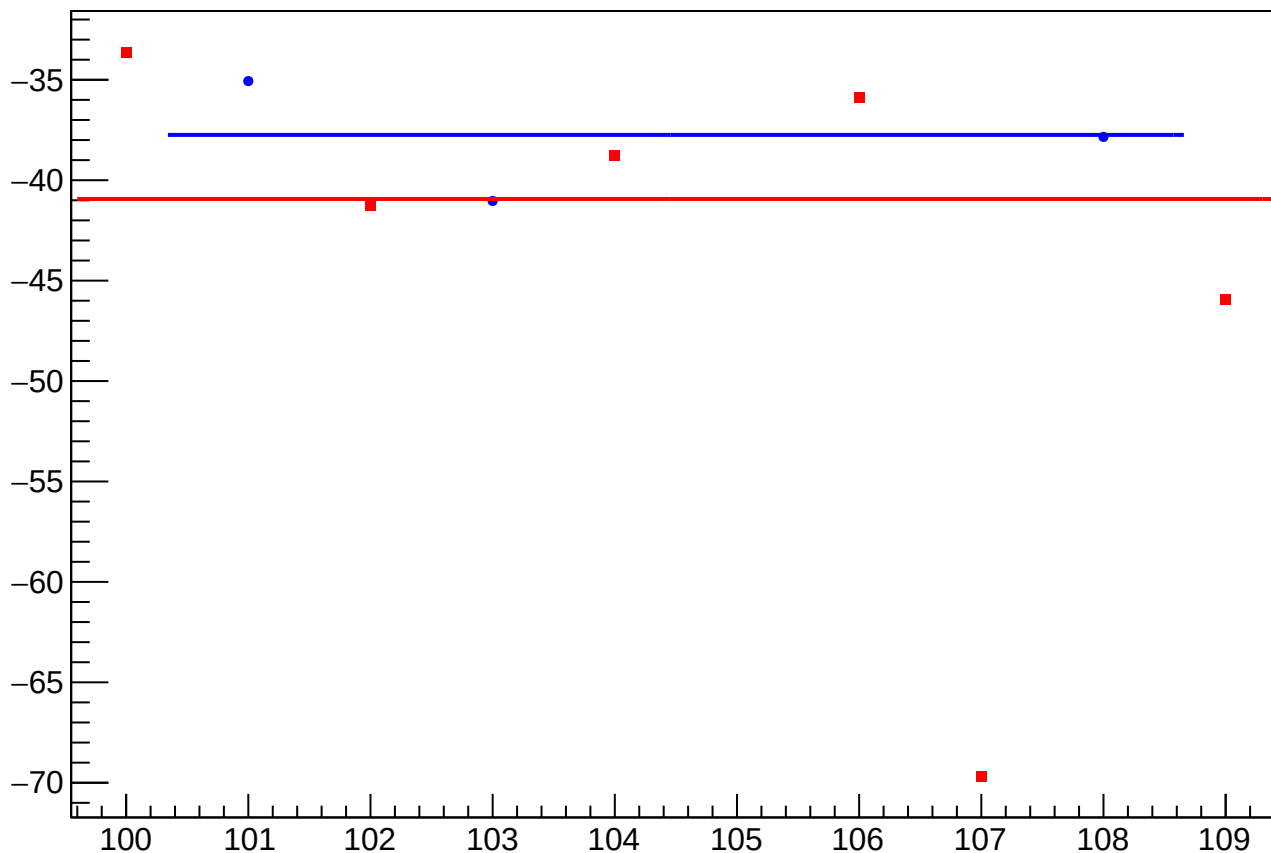
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: 6.640±0.854 χ^2/NDF : 66.3/8

- sign 0.000±0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -37.744 ± 0.045 $\chi^2/\text{NDF}: 3434.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.933 ± 0.043 $\chi^2/\text{NDF}: 26532.4/5$

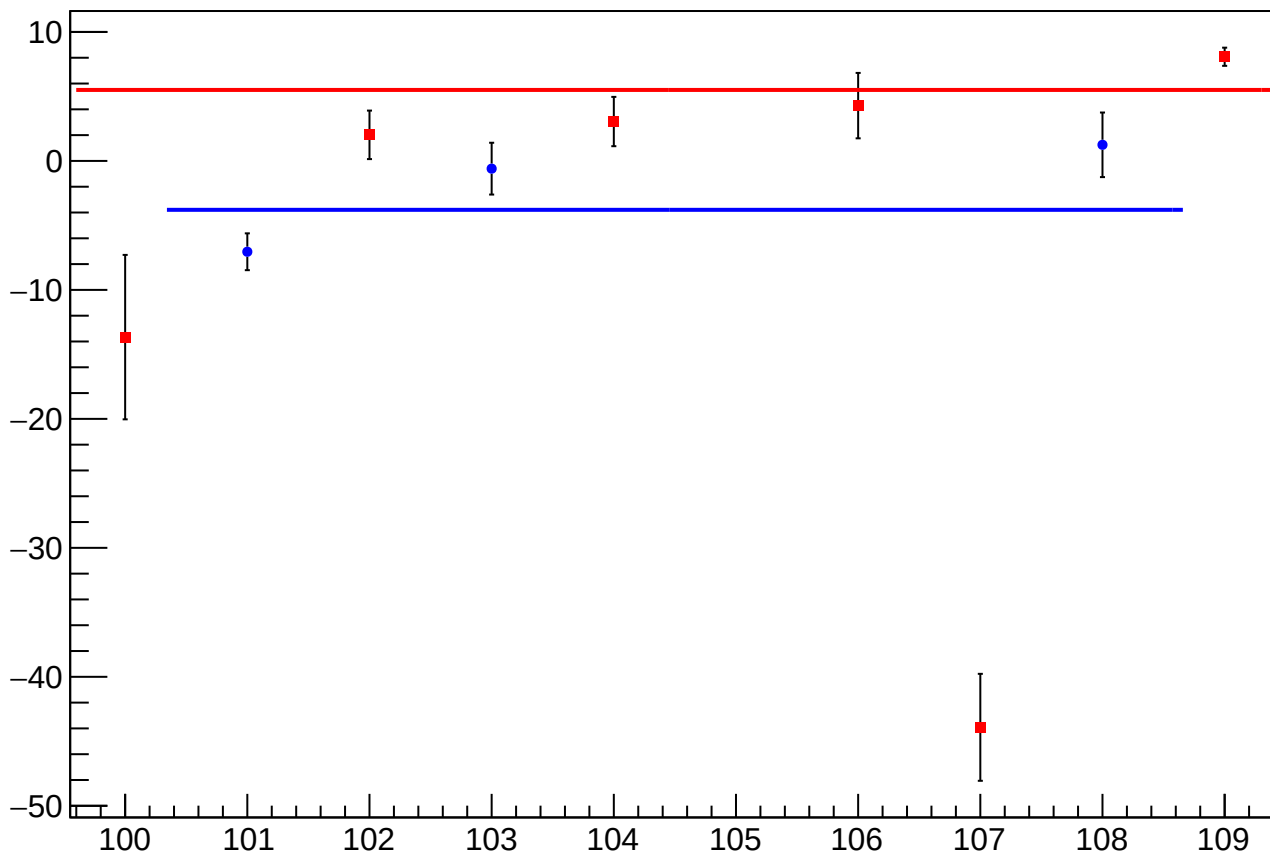
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.417 ± 0.031 $\chi^2/\text{NDF}: 32546.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: -3.792 ± 1.055 $\chi^2/\text{NDF}: 11.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.504 ± 0.596 $\chi^2/\text{NDF}: 169.7/5$

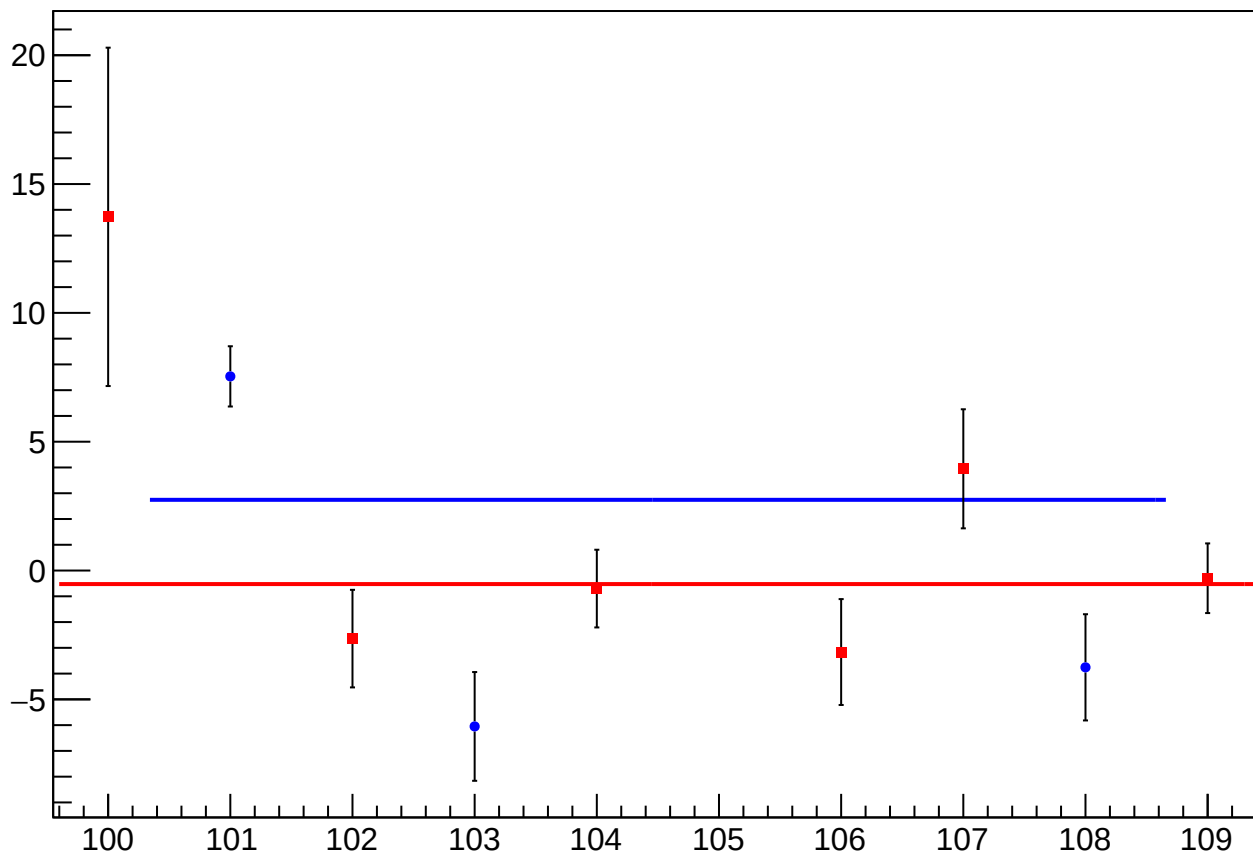
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 3.254 ± 0.519 $\chi^2/\text{NDF}: 240.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 2.745+/-0.916 χ^2/NDF : 44.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.525+/-0.764 χ^2/NDF : 11.4/5

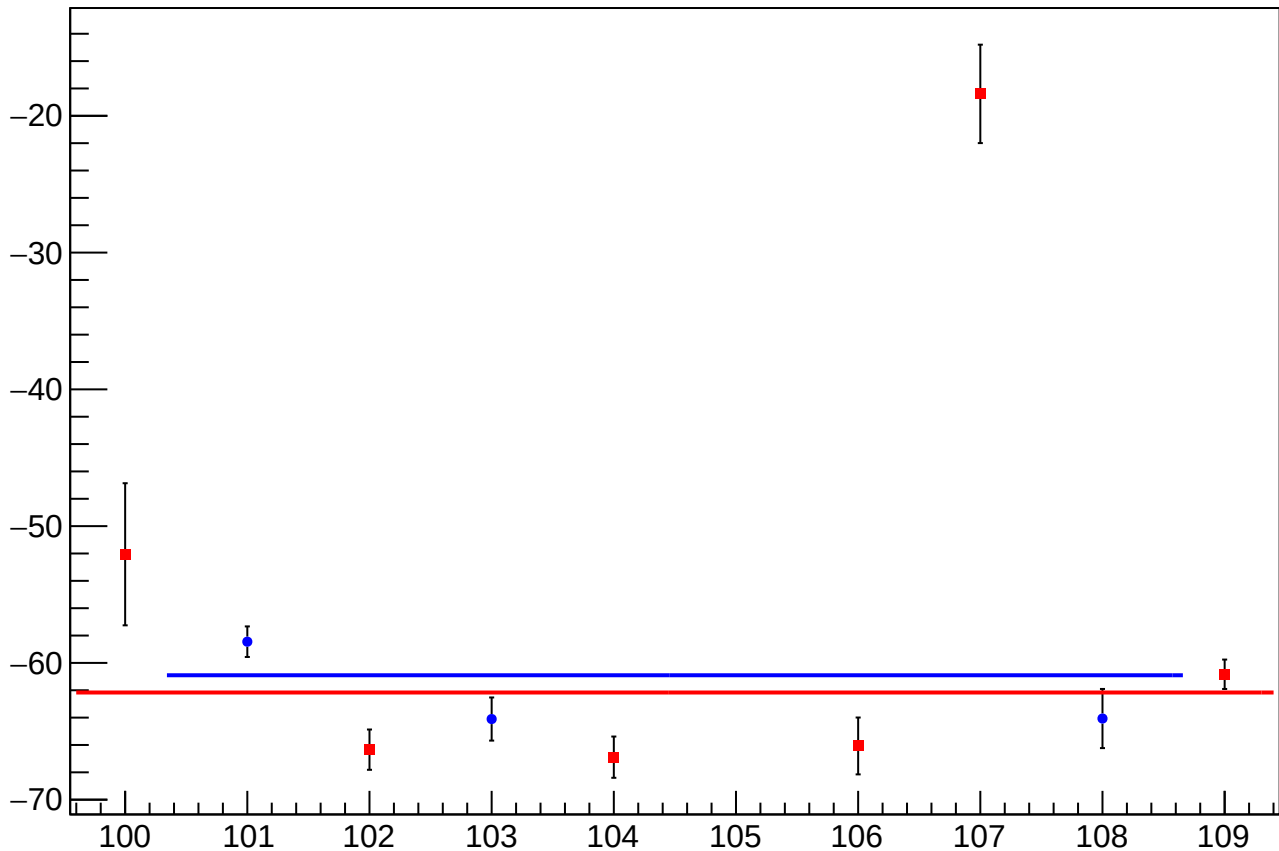
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.816+/-0.587 χ^2/NDF : 63.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -60.902 $\pm$ 0.840 χ^2 /NDF: 11.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -62.164 $\pm$ 0.688 χ^2 /NDF: 174.7/5

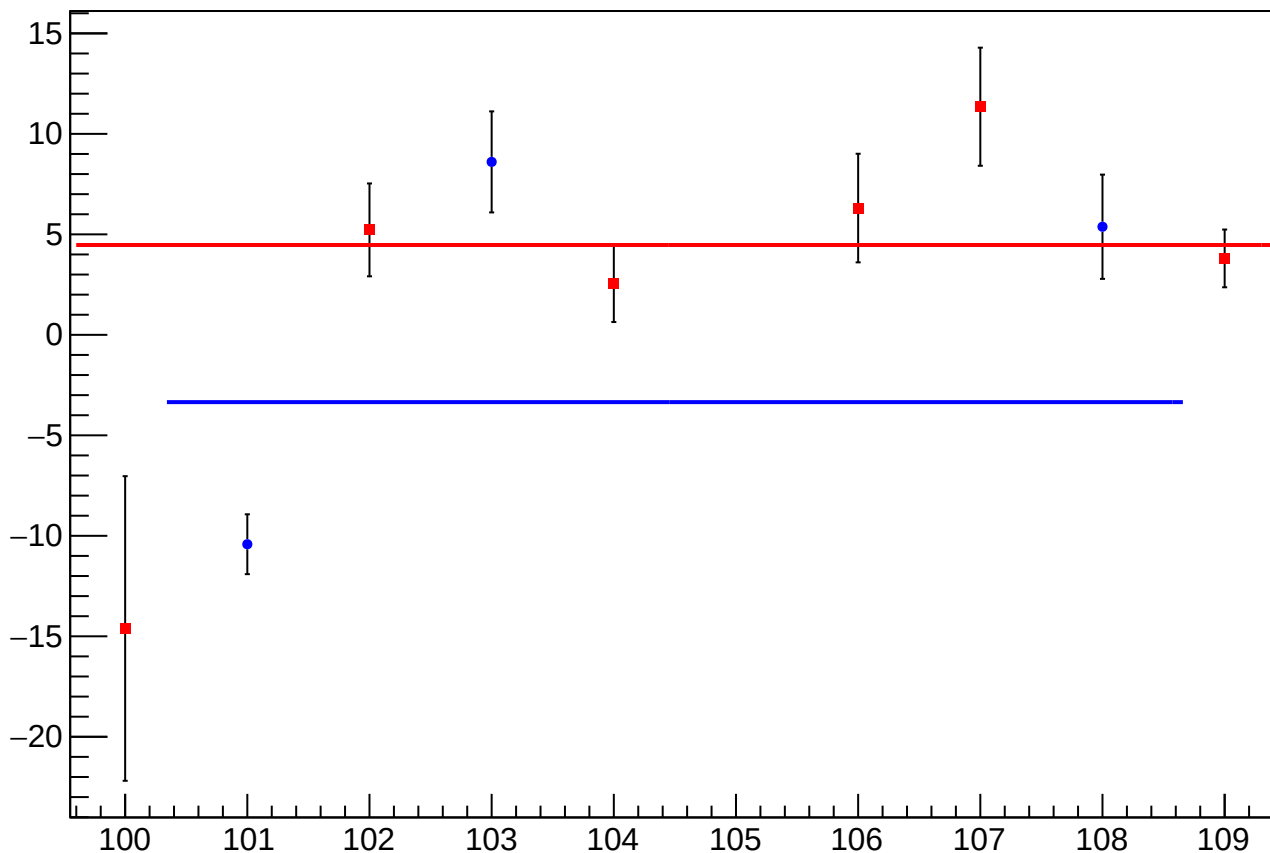
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.657 $\pm$ 0.532 χ^2 /NDF: 187.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: -3.348+/-1.149 χ^2/NDF : 56.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.470+/-0.906 χ^2/NDF : 13.6/5

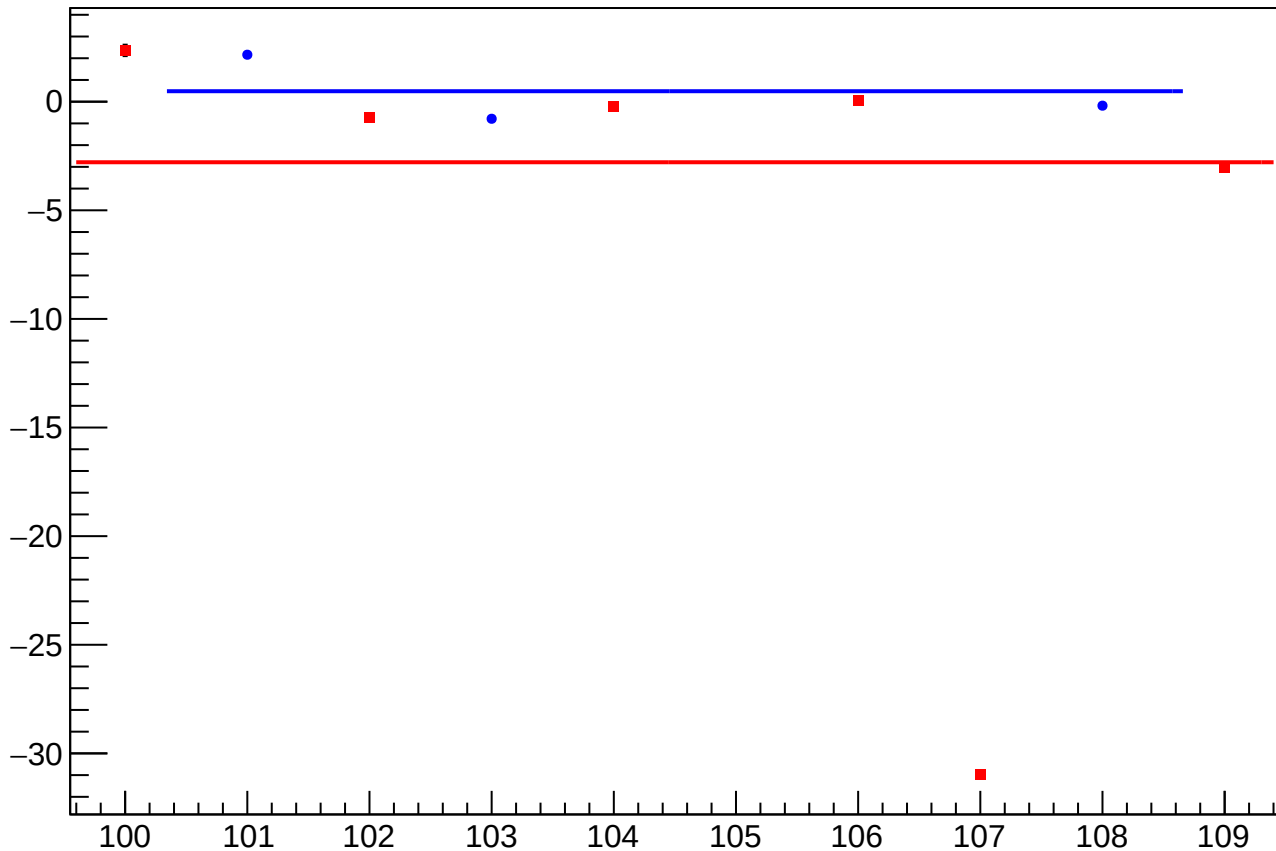
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.472+/-0.711 χ^2/NDF : 98.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.482 ± 0.041 χ^2/NDF : 1063.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.788 ± 0.037 χ^2/NDF : 40693.8/5

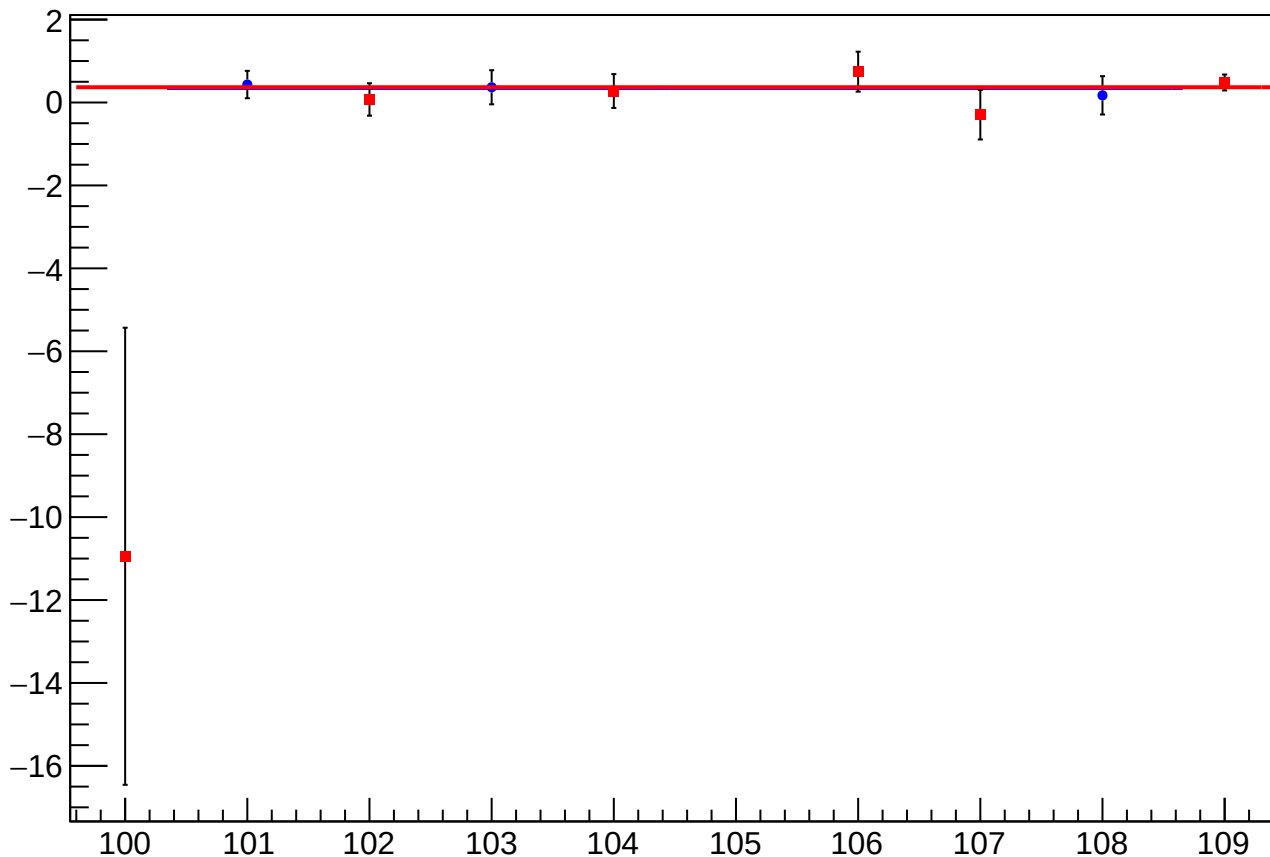
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.352 ± 0.027 χ^2/NDF : 45260.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.352 $\pm$ 0.225 χ^2 /NDF: 0.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.368 $\pm$ 0.146 χ^2 /NDF: 7.0/5

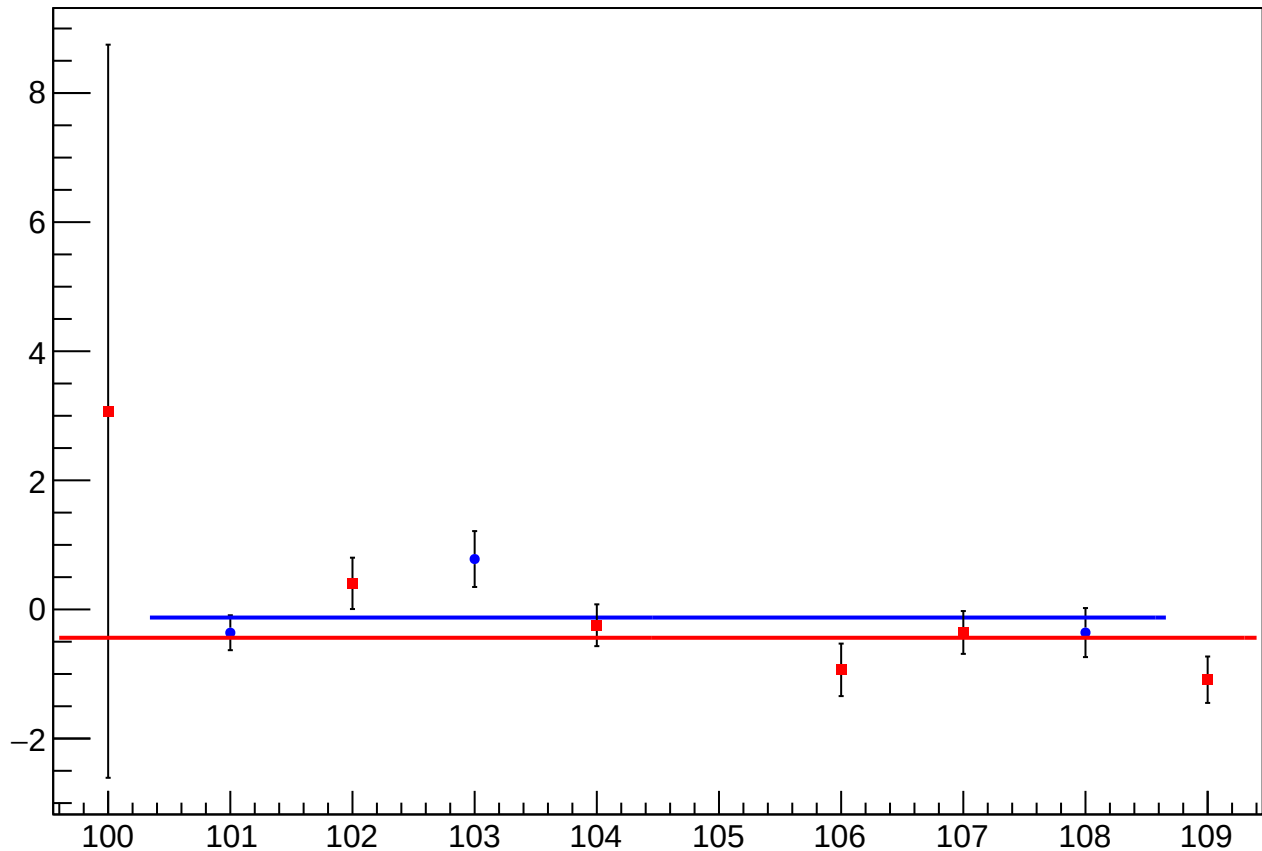
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.363 $\pm$ 0.123 χ^2 /NDF: 7.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.126 ± 0.196 χ^2/NDF : 5.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.439 ± 0.161 χ^2/NDF : 10.1/5

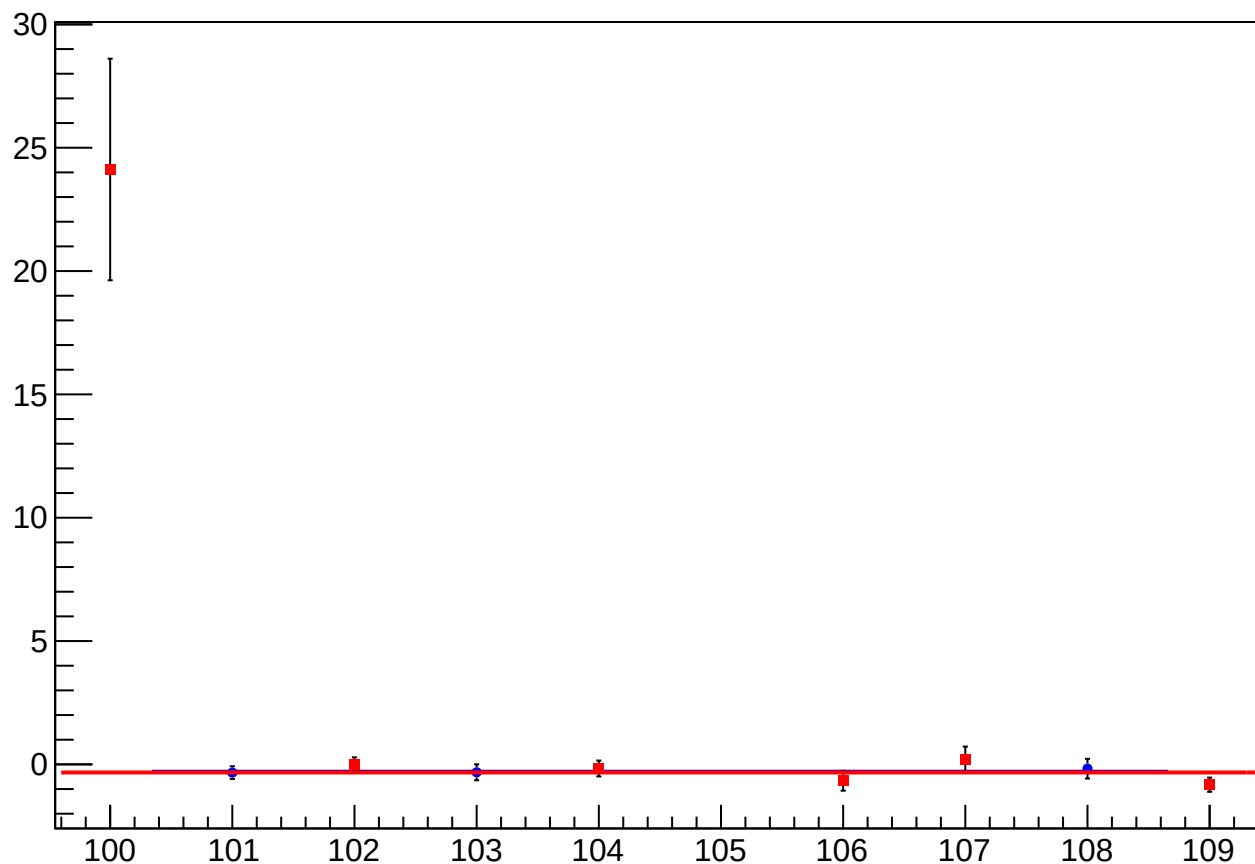
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.313 ± 0.124 χ^2/NDF : 17.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.297 ± 0.180 χ^2/NDF : 0.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.329 ± 0.154 χ^2/NDF : 35.6/5

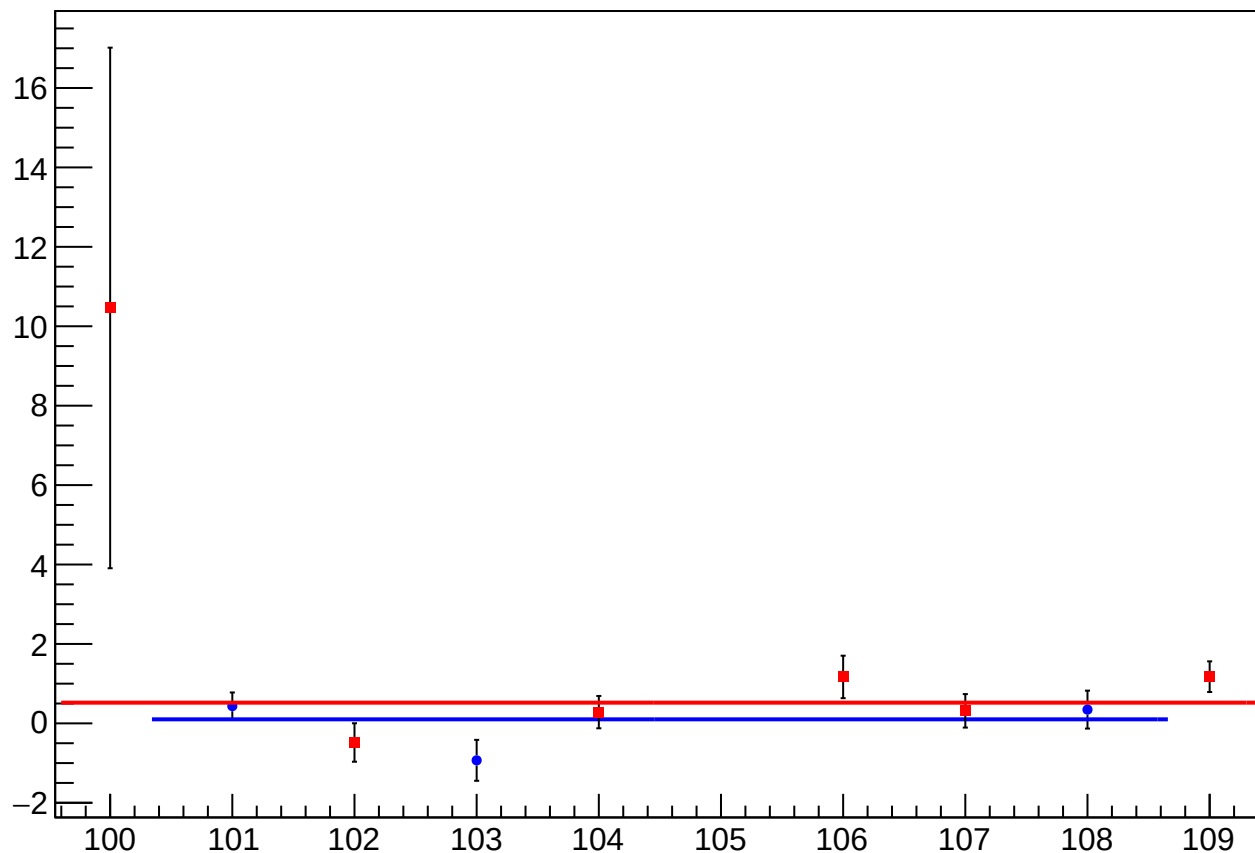
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.316 ± 0.117 χ^2/NDF : 35.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.102 $\pm$ 0.245 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.522 $\pm$ 0.196 χ^2 /NDF: 11.5/5

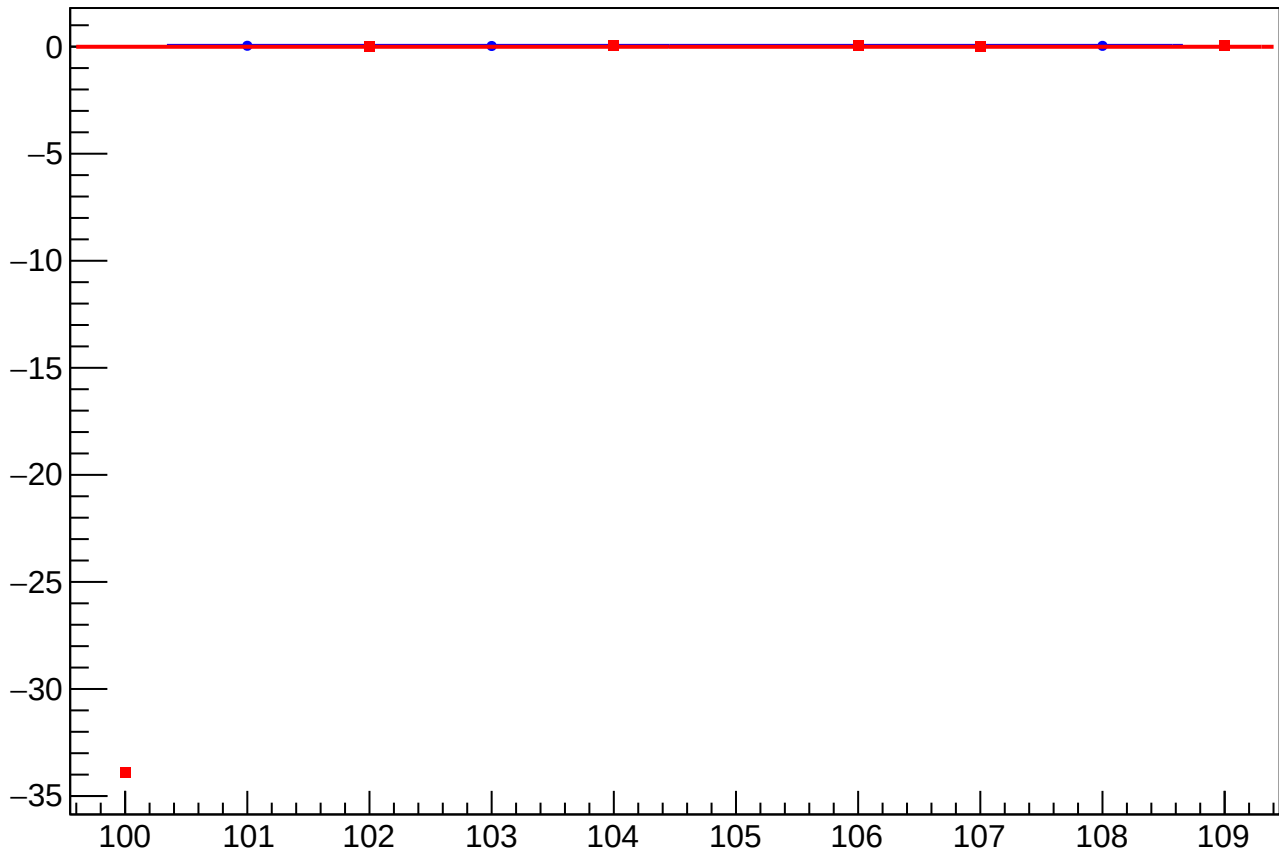
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.358 $\pm$ 0.153 χ^2 /NDF: 18.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.036 $\pm$ 0.009 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.005 $\pm$ 0.008 χ^2 /NDF: 22246.2/5

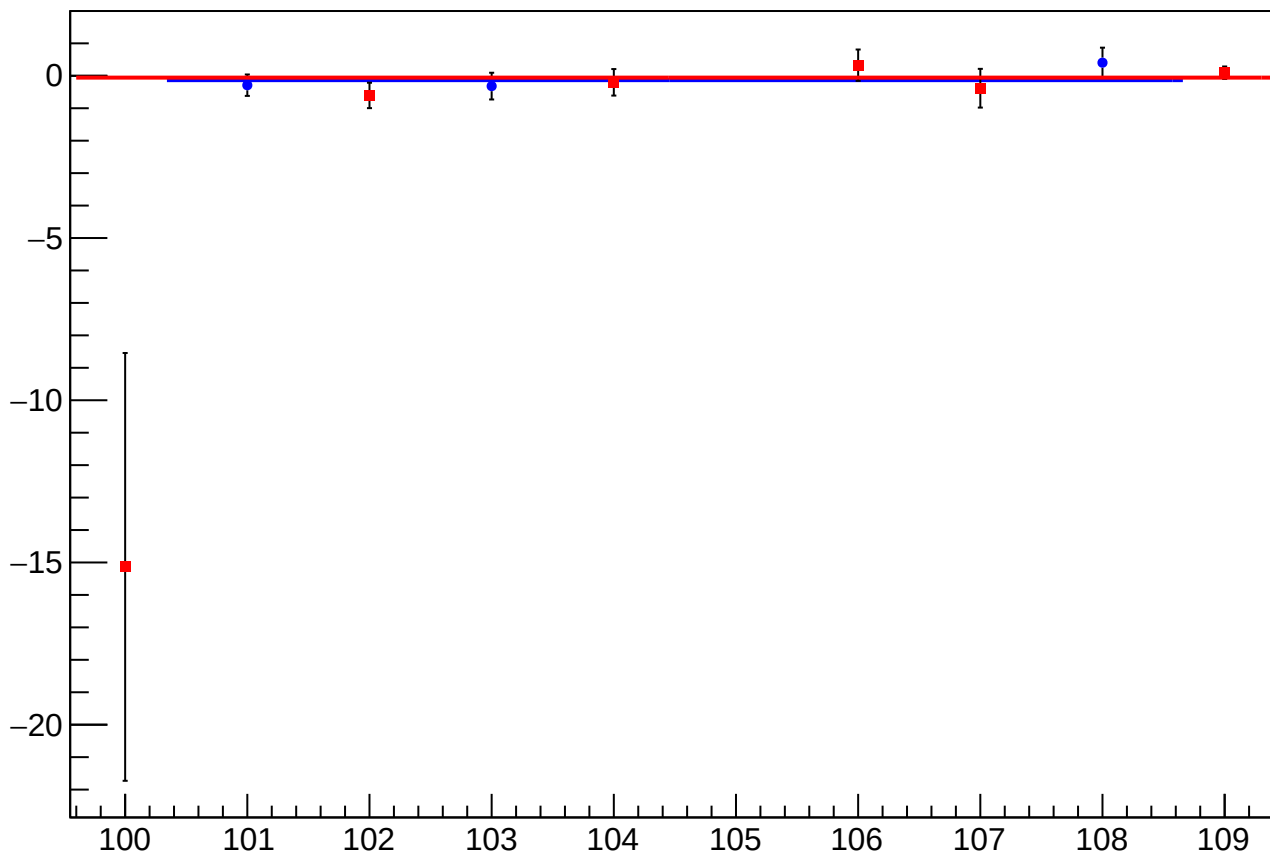
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.006 χ^2 /NDF: 22259.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.134 ± 0.225 χ^2/NDF : 1.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.056 ± 0.146 χ^2/NDF : 8.9/5

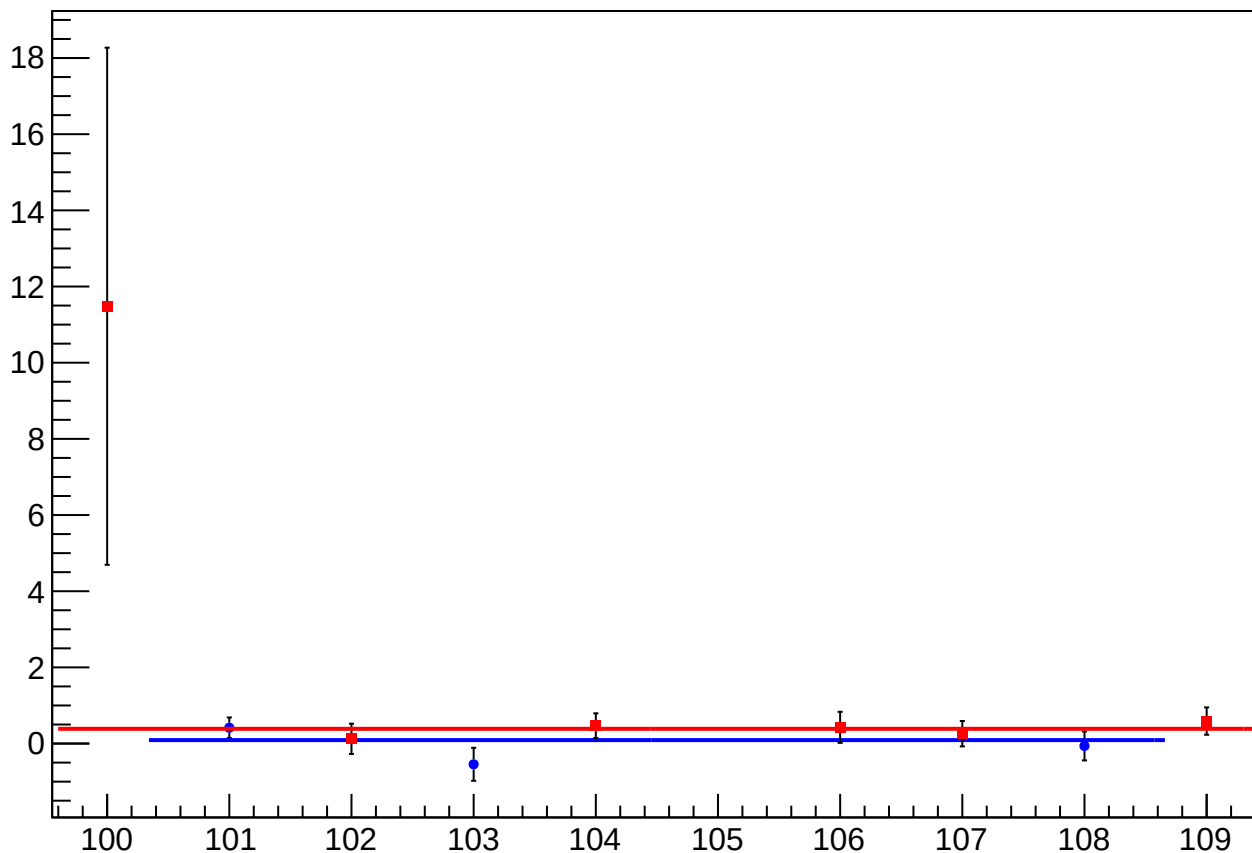
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.079 ± 0.123 χ^2/NDF : 10.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.091 $\pm$ 0.196 χ^2 /NDF: 3.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.387 $\pm$ 0.161 χ^2 /NDF: 3.6/5

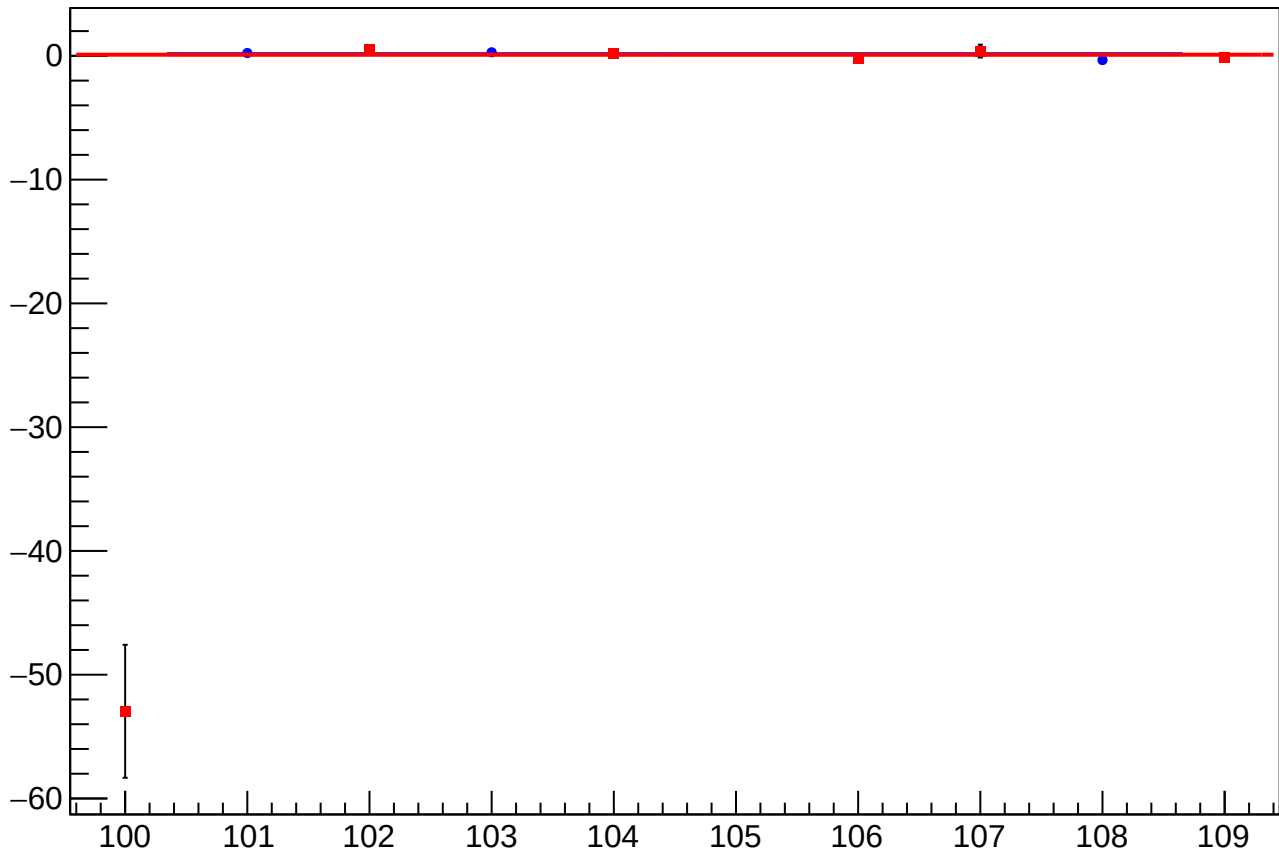
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.268 $\pm$ 0.124 χ^2 /NDF: 8.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.131+/-0.180 χ^2/NDF : 1.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.093+/-0.154 χ^2/NDF : 100.6/5

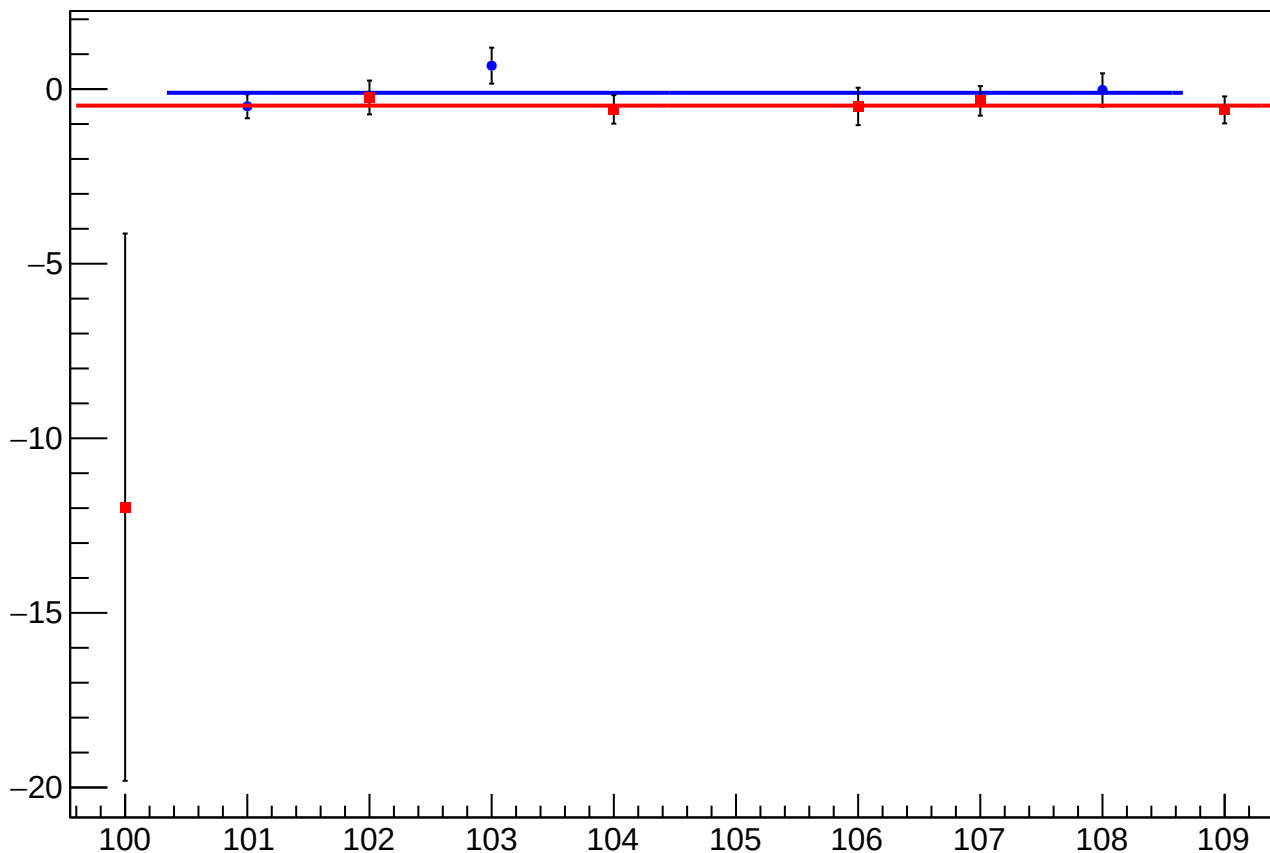
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.109+/-0.117 χ^2/NDF : 102.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.106+/-0.245 χ^2/NDF : 3.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.473+/-0.196 χ^2/NDF : 2.7/5

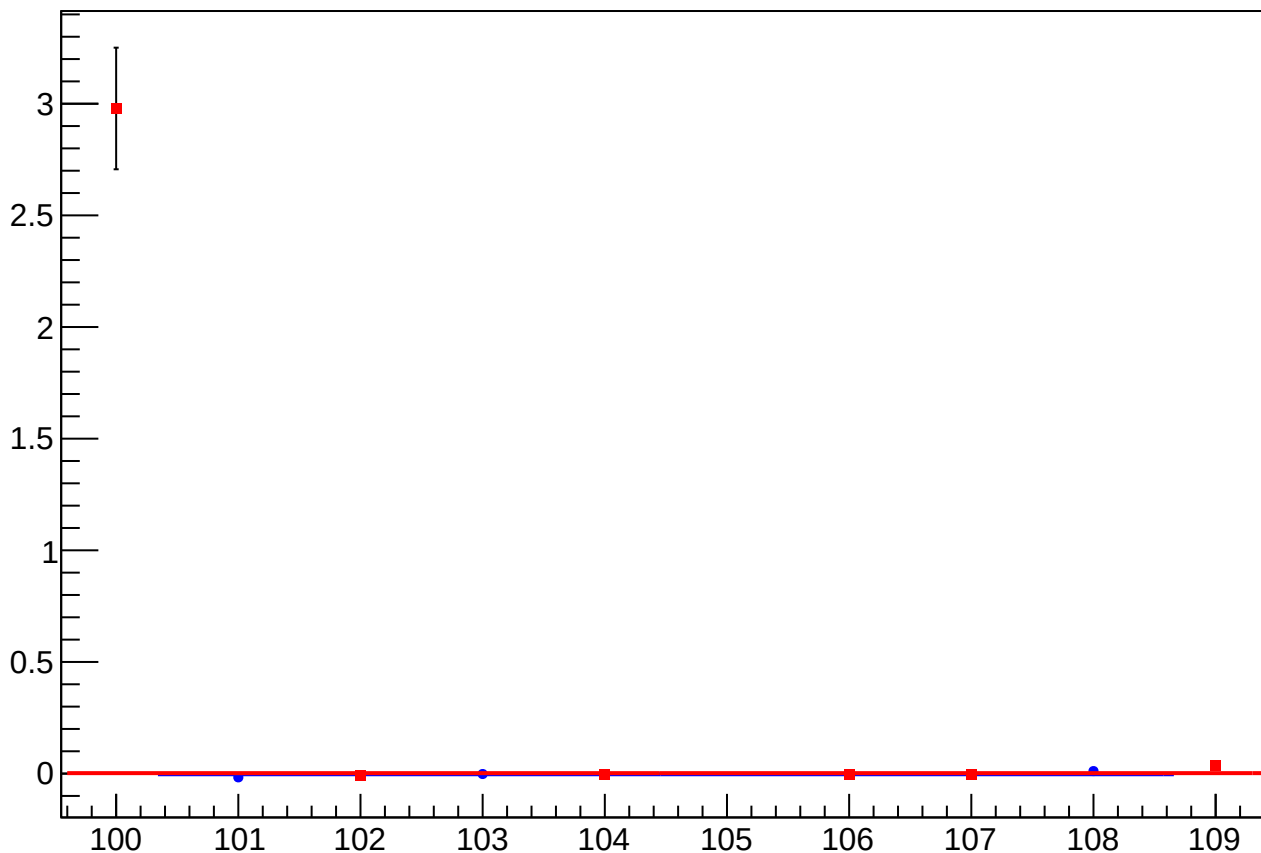
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.330+/-0.153 χ^2/NDF : 7.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.003 ± 0.009 χ^2/NDF : 1.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.002 ± 0.008 χ^2/NDF : 123.1/5

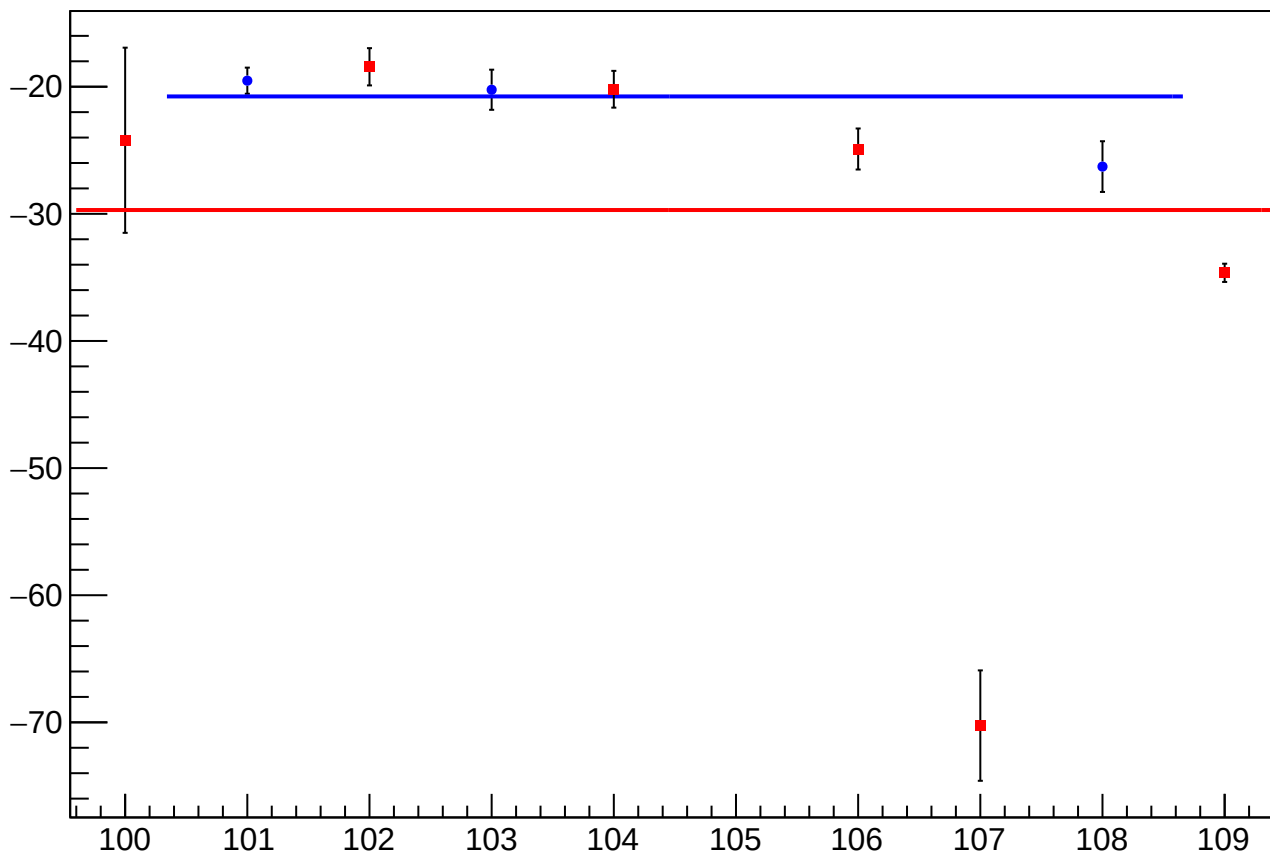
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.006 χ^2/NDF : 124.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -20.764 ± 0.790 χ^2/NDF : 9.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.699 ± 0.547 χ^2/NDF : 246.3/5

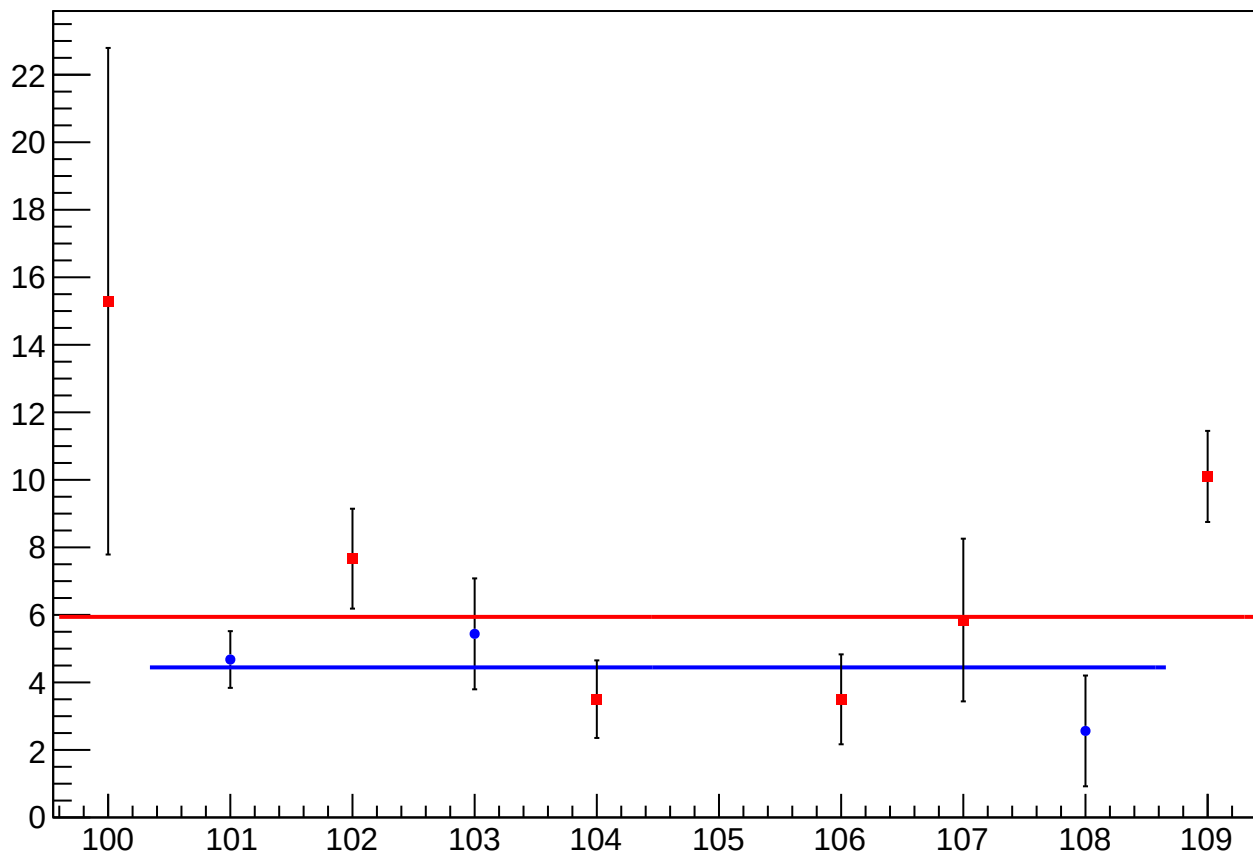
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.803 ± 0.450 χ^2/NDF : 341.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 4.445 $\pm$ 0.681 χ^2 /NDF: 1.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.941 $\pm$ 0.630 χ^2 /NDF: 20.3/5

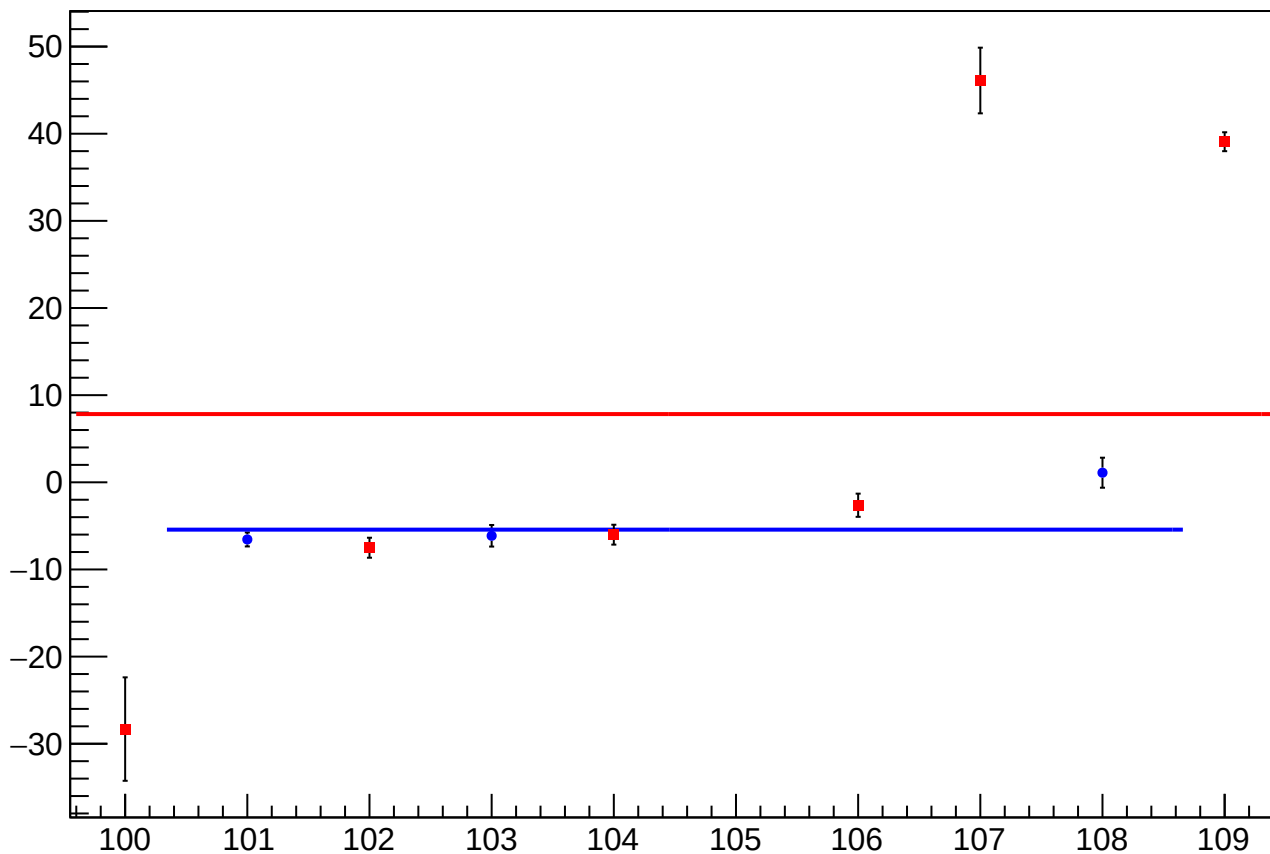
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.250 $\pm$ 0.462 χ^2 /NDF: 24.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: -5.431+/-0.628 χ^2/NDF : 16.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.829+/-0.574 χ^2/NDF : 1356.7/5

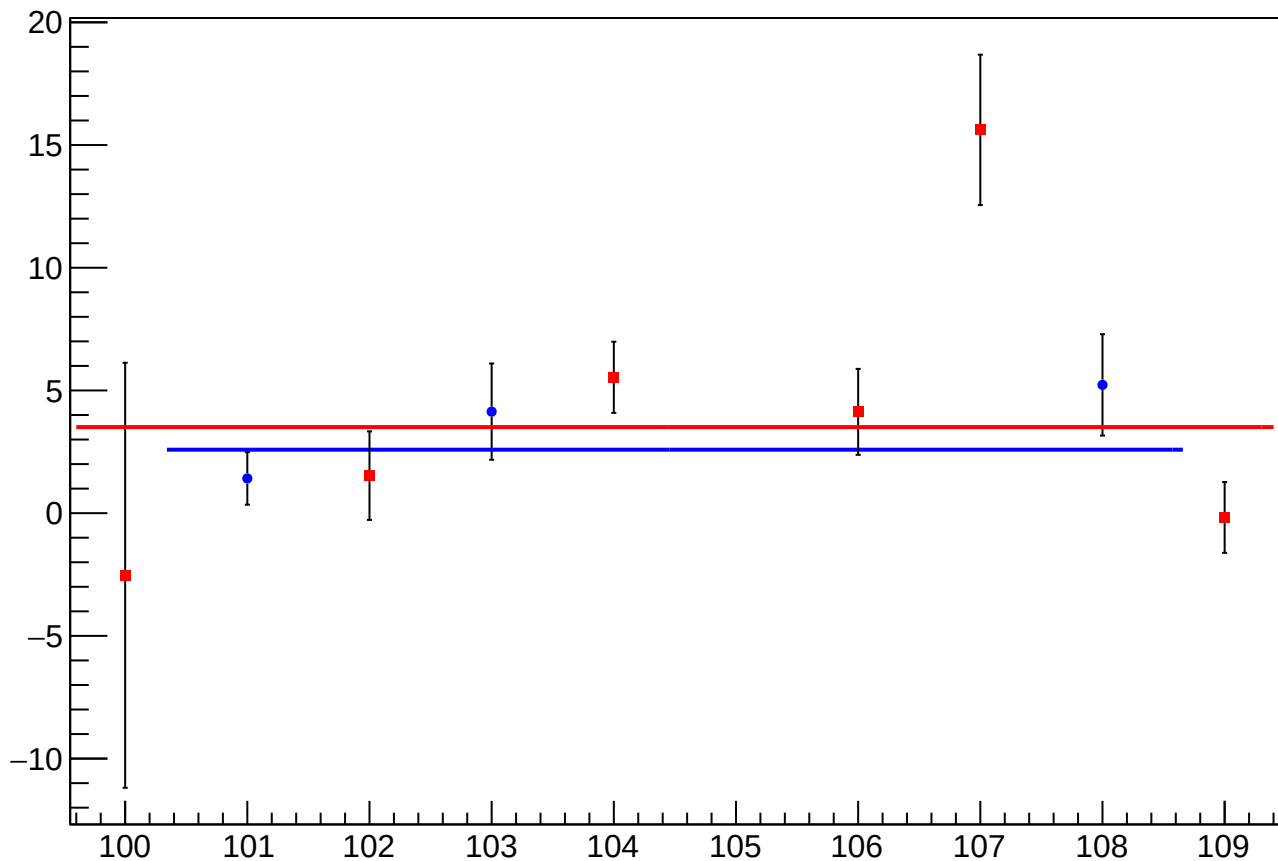
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.796+/-0.423 χ^2/NDF : 1616.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 2.586+/-0.855 χ^2/NDF : 3.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.508+/-0.765 χ^2/NDF : 25.9/5

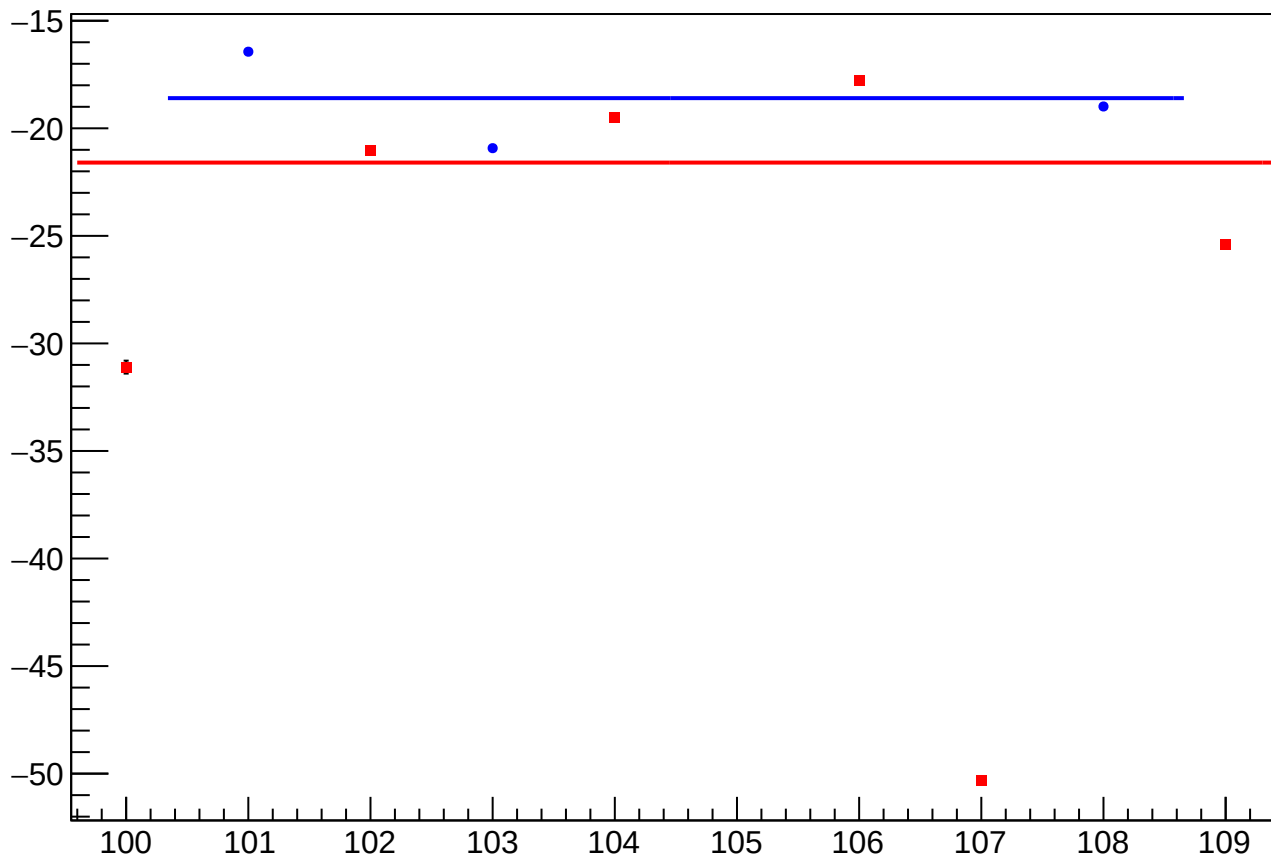
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.098+/-0.570 χ^2/NDF : 30.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -18.597+/-0.031 χ^2/NDF : 4074.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.593+/-0.029 χ^2/NDF : 43915.5/5

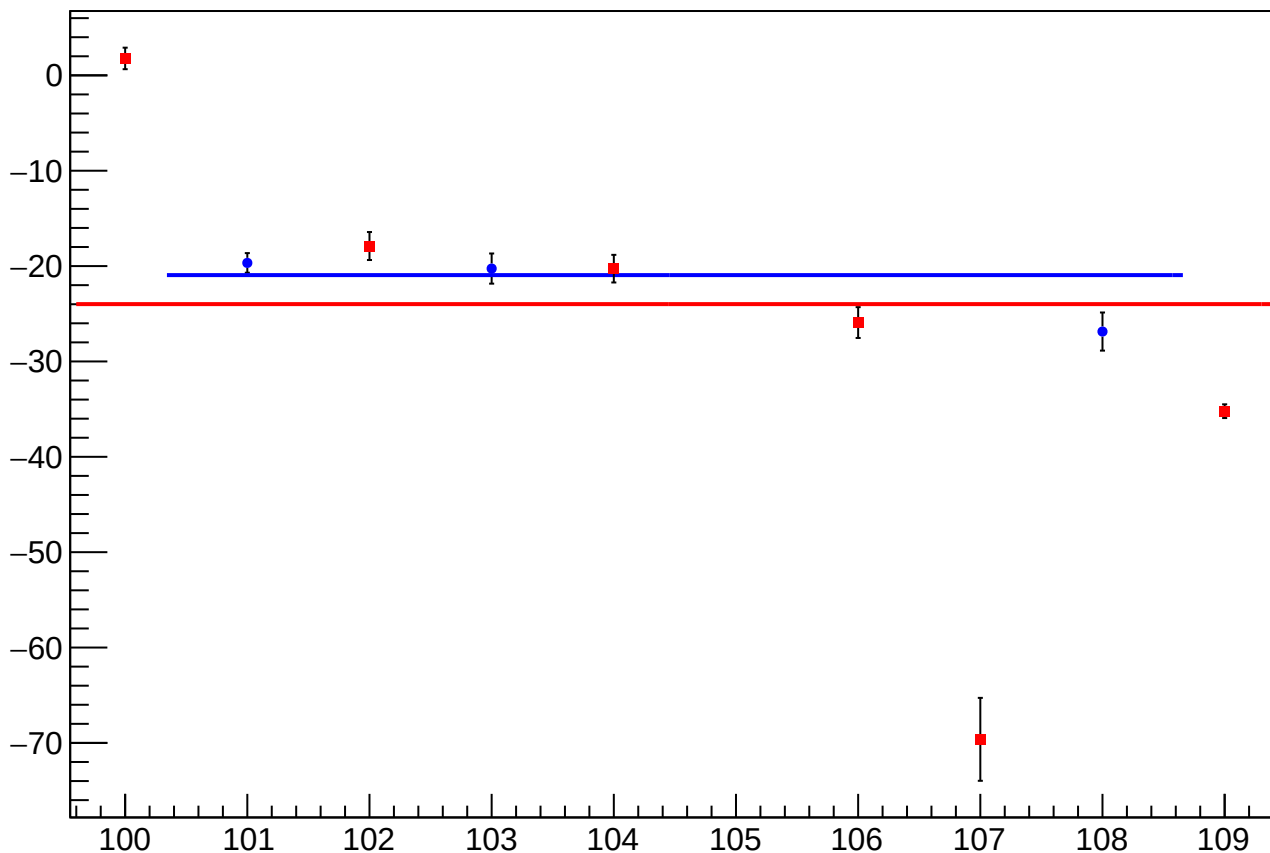
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.224+/-0.021 χ^2/NDF : 52906.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -20.945 ± 0.792 $\chi^2/\text{NDF}: 10.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -23.988 ± 0.494 $\chi^2/\text{NDF}: 900.2/5$

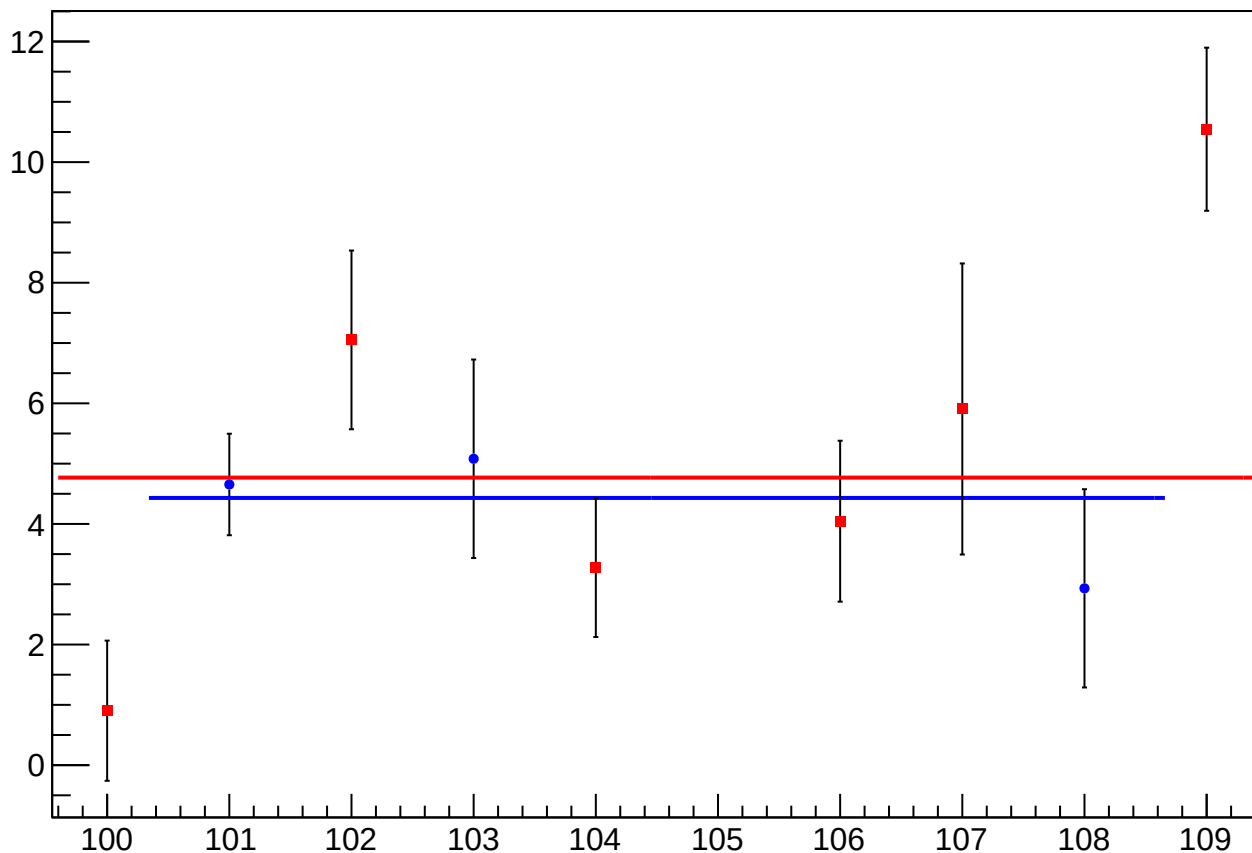
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -23.134 ± 0.419 $\chi^2/\text{NDF}: 921.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.431+/-0.682 χ^2/NDF : 1.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.768+/-0.556 χ^2/NDF : 33.9/5

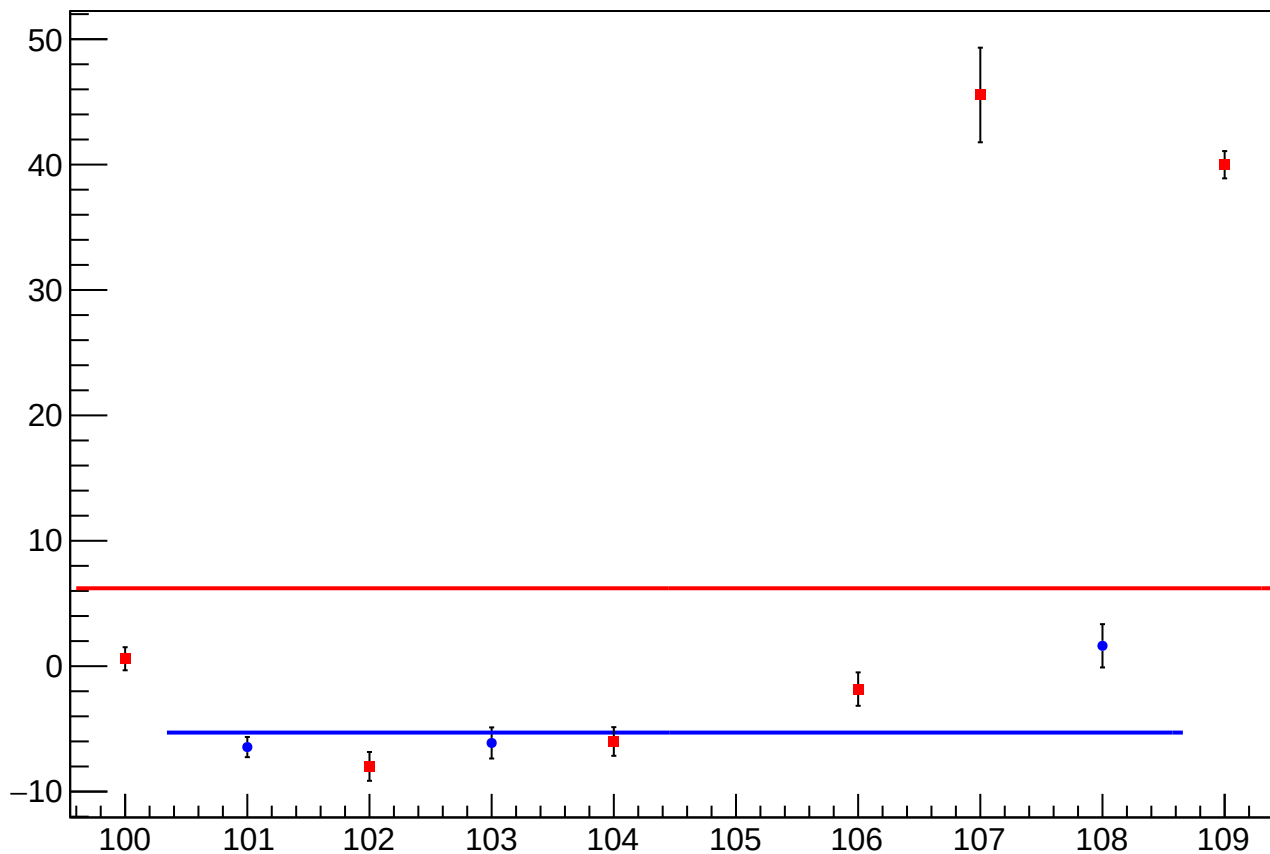
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.634+/-0.431 χ^2/NDF : 35.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: -5.295+/-0.629 χ^2/NDF : 18.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.213+/-0.489 χ^2/NDF : 1413.3/5

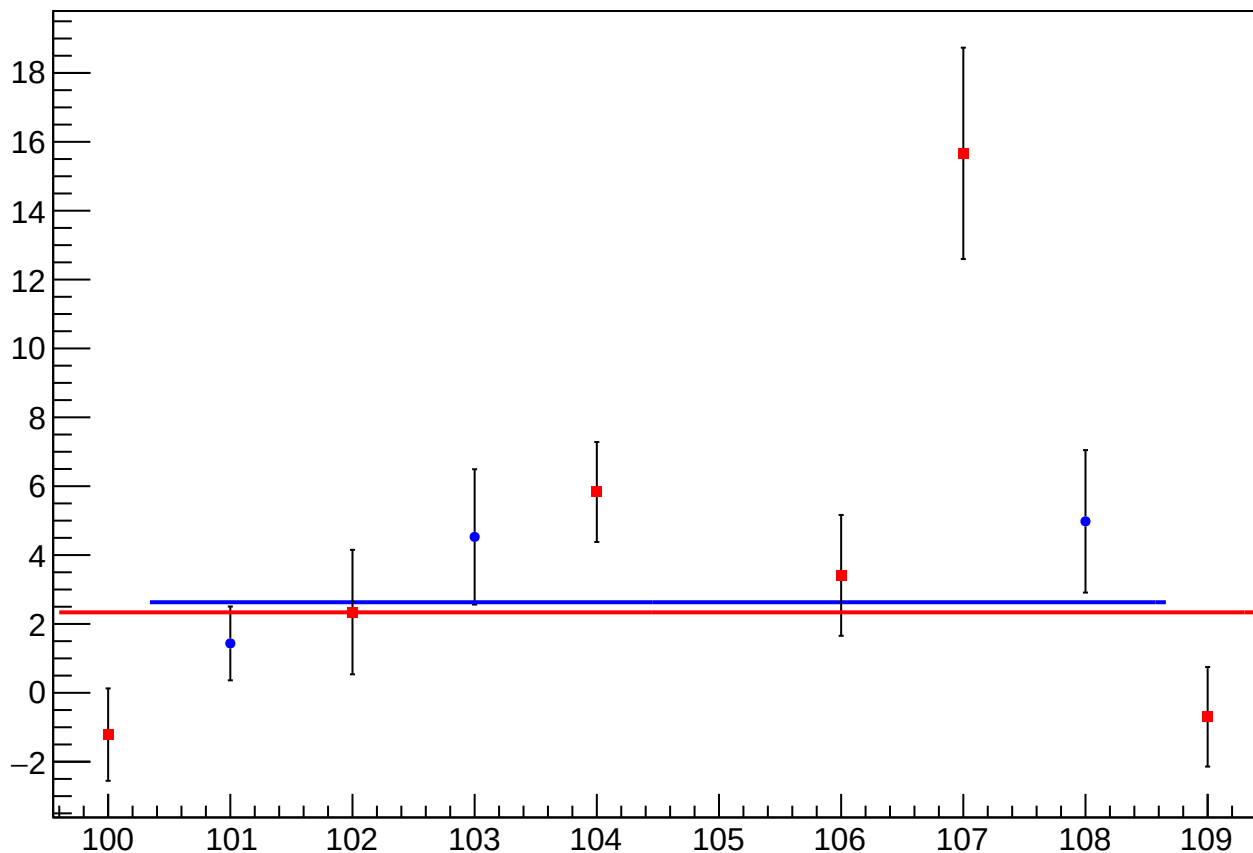
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.878+/-0.386 χ^2/NDF : 1640.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 2.630 $\pm$ 0.856 χ^2 /NDF: 3.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.337 $\pm$ 0.667 χ^2 /NDF: 36.4/5

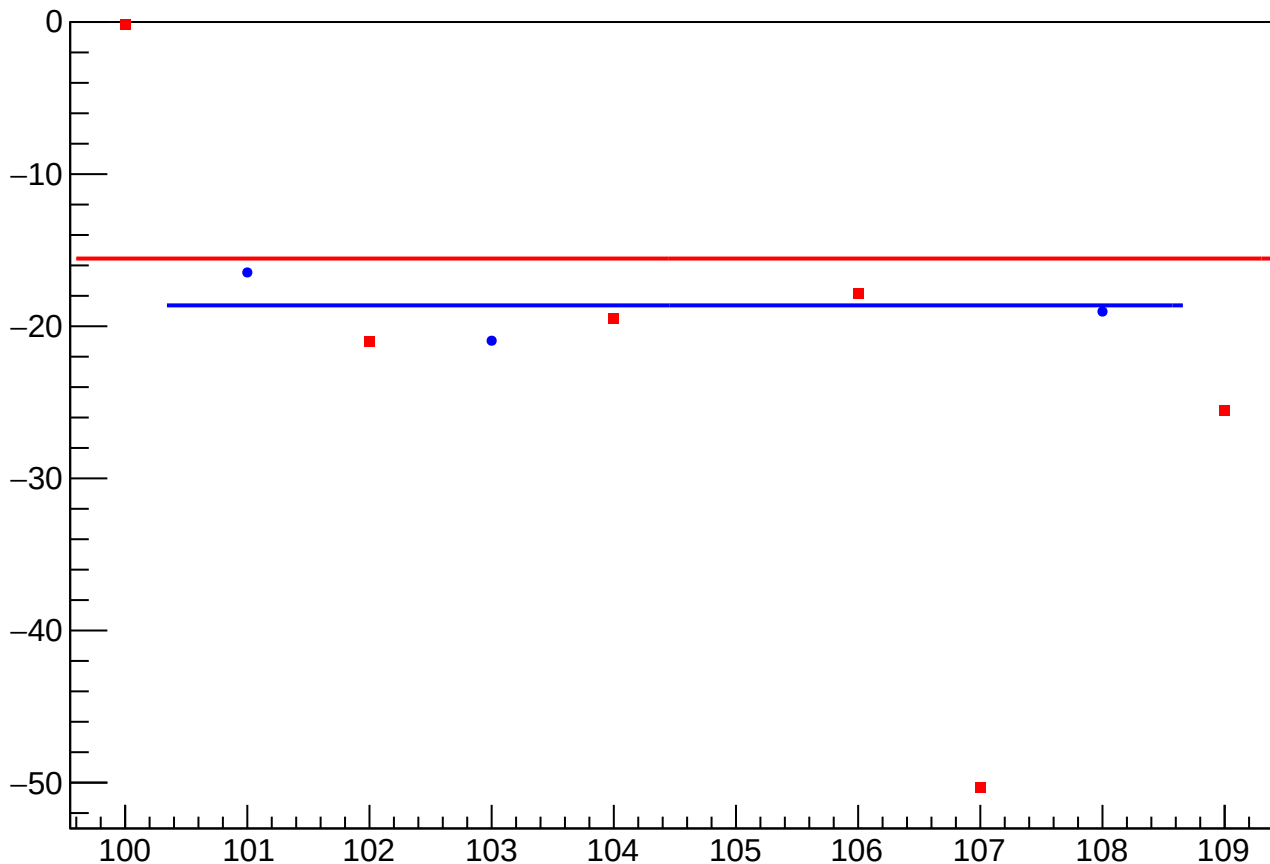
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.448 $\pm$ 0.526 χ^2 /NDF: 40.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -18.627 $\pm$ 0.032 χ^2 /NDF: 4067.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.549 $\pm$ 0.025 χ^2 /NDF: 194344.0/5

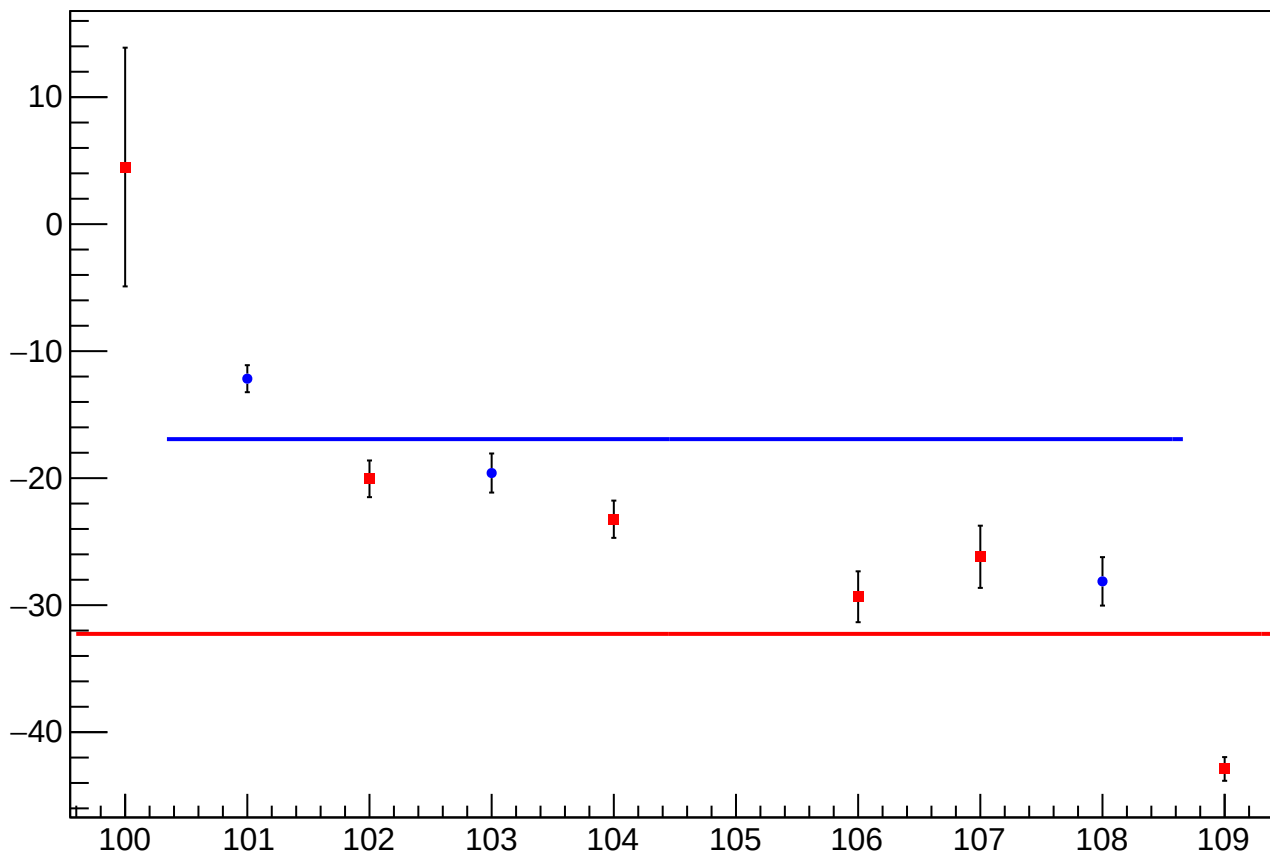
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.717 $\pm$ 0.019 χ^2 /NDF: 204323.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -16.927 ± 0.795 $\chi^2/\text{NDF}: 57.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -32.262 ± 0.630 $\chi^2/\text{NDF}: 262.8/5$

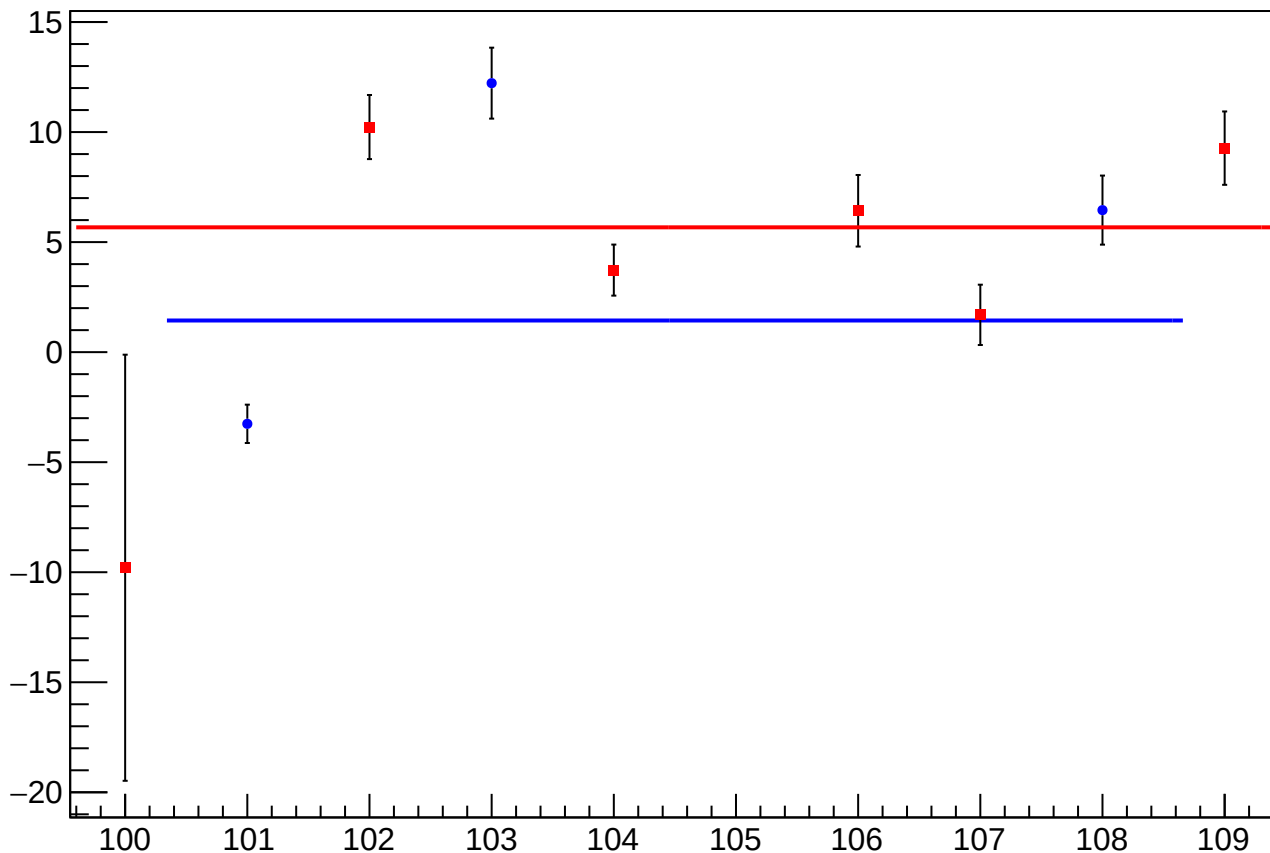
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -26.350 ± 0.494 $\chi^2/\text{NDF}: 548.7/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 1.438 ± 0.689 $\chi^2/\text{NDF}: 84.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 5.671 ± 0.633 $\chi^2/\text{NDF}: 28.4/5$

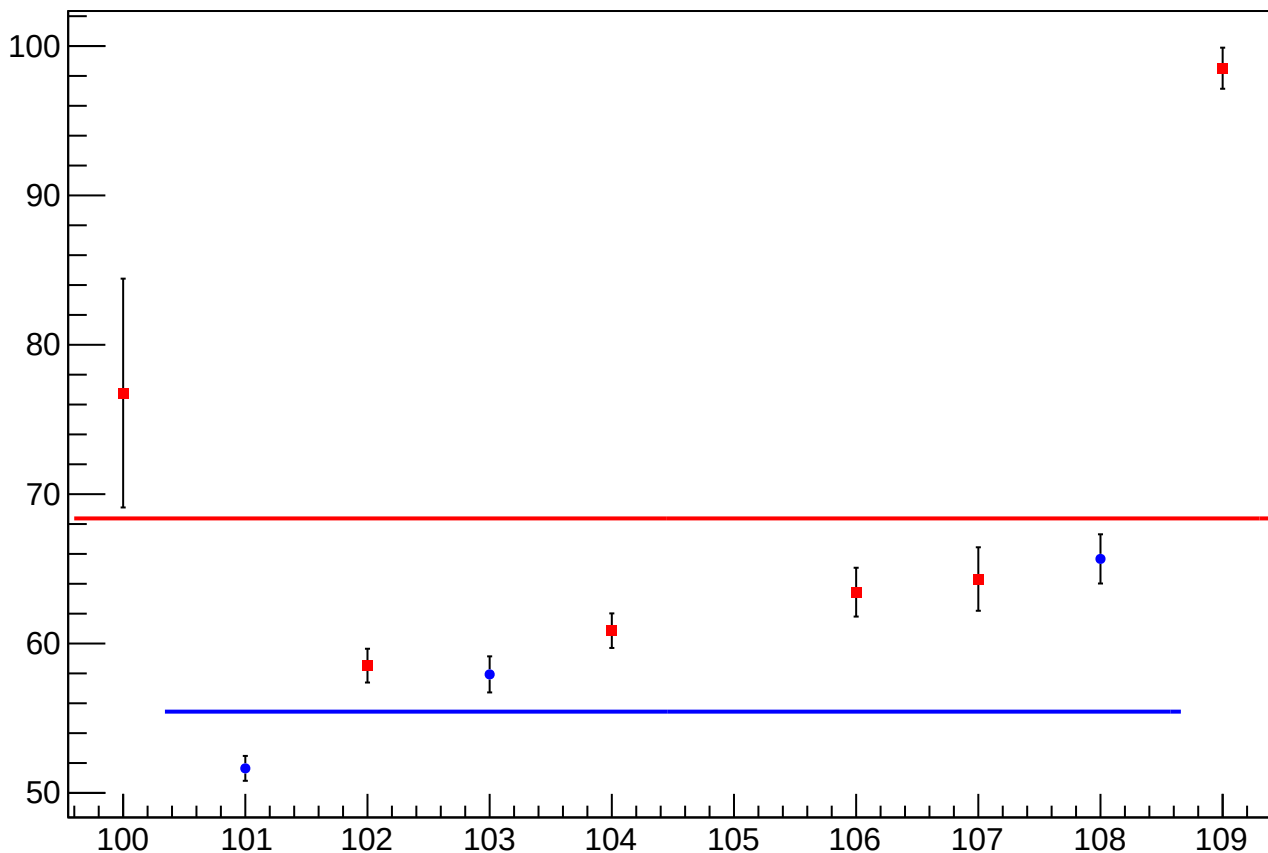
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 3.733 ± 0.466 $\chi^2/\text{NDF}: 132.9/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 55.441 $\pm$ 0.633 χ^2 /NDF: 63.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 68.376 $\pm$ 0.612 χ^2 /NDF: 612.0/5

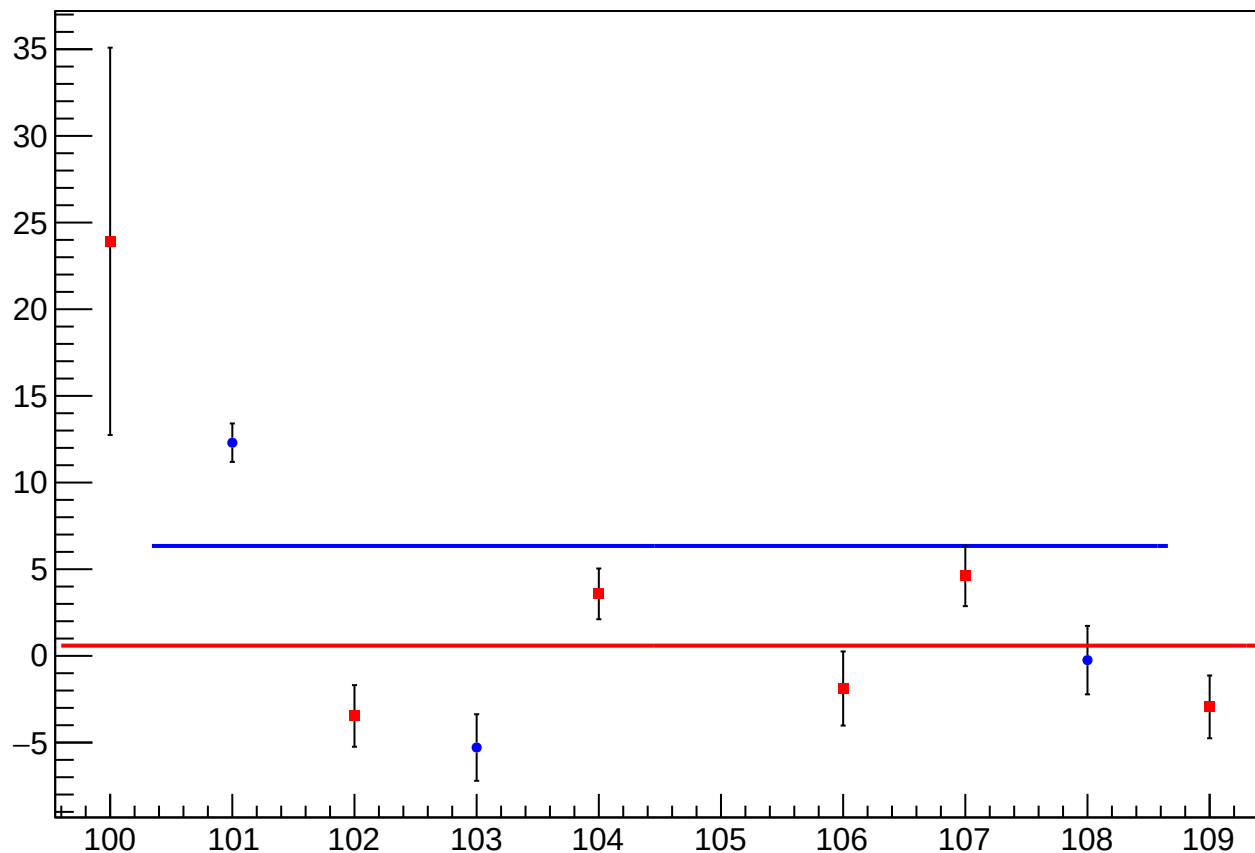
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.126 $\pm$ 0.440 χ^2 /NDF: 891.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 6.342 $\pm$ 0.864 χ^2 /NDF: 76.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.592 $\pm$ 0.780 χ^2 /NDF: 24.2/5

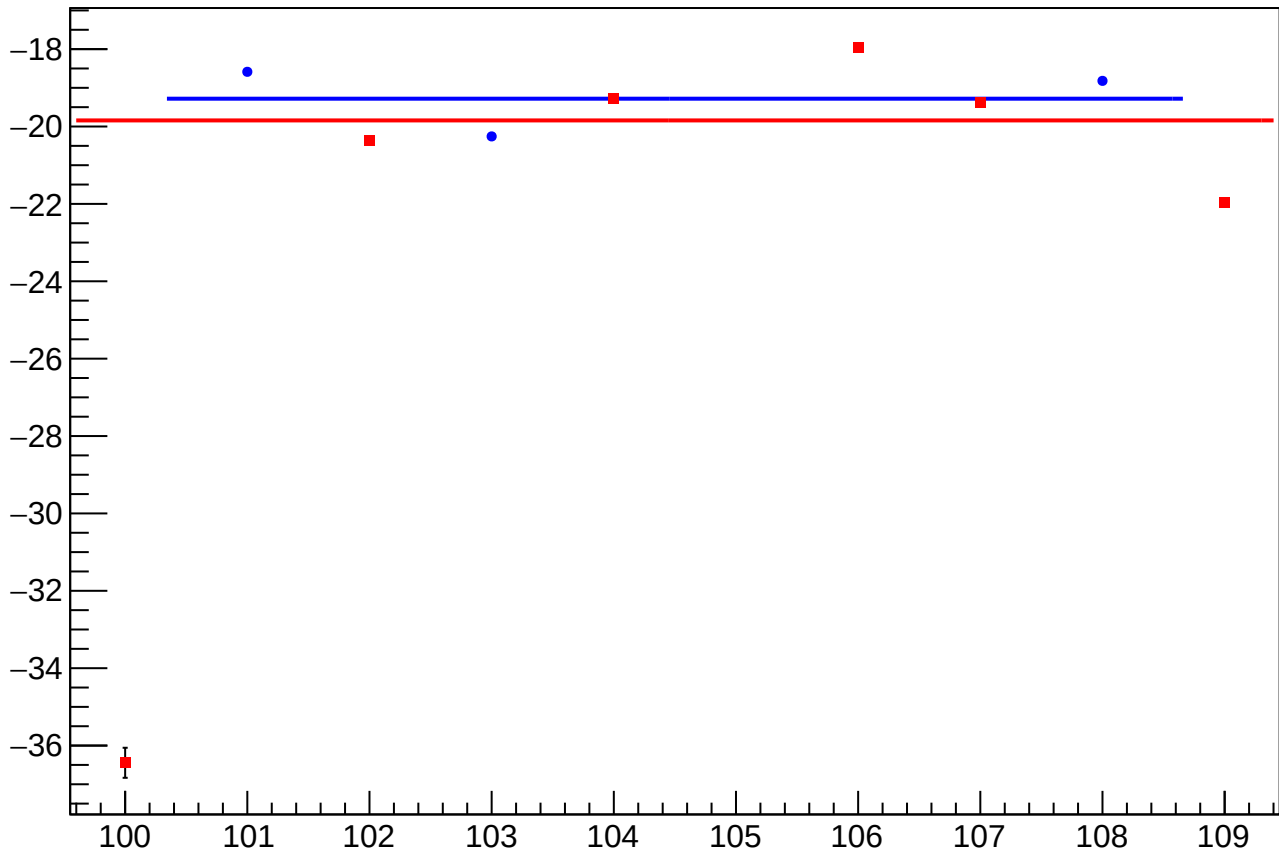
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.174 $\pm$ 0.579 χ^2 /NDF: 125.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -19.281 ± 0.031 χ^2/NDF : 616.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.842 ± 0.030 χ^2/NDF : 3170.3/5

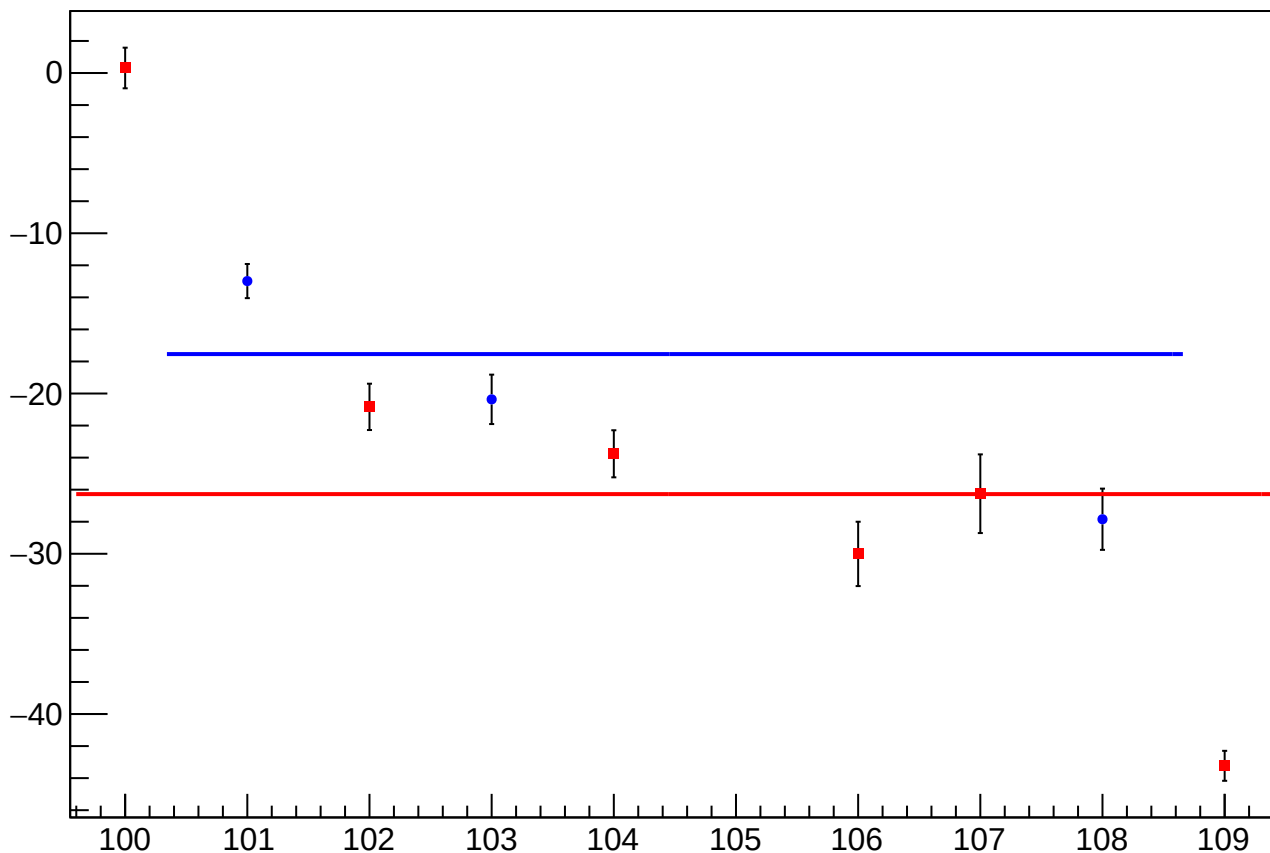
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.579 ± 0.021 χ^2/NDF : 3956.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -17.539+/-0.797 χ^2/NDF : 50.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.277+/-0.566 χ^2/NDF : 789.3/5

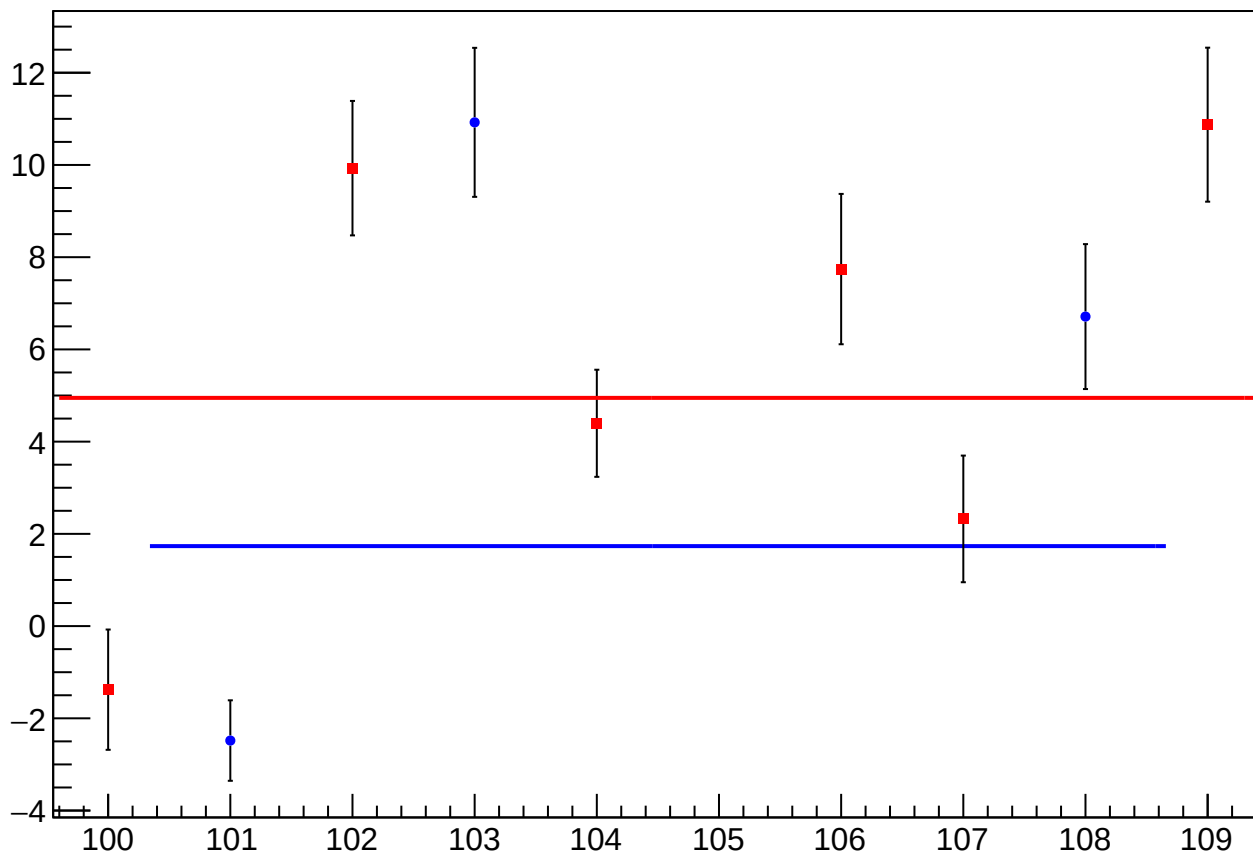
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.347+/-0.461 χ^2/NDF : 920.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 1.734 $\pm$ 0.690 χ^2 /NDF: 65.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.949 $\pm$ 0.571 χ^2 /NDF: 54.6/5

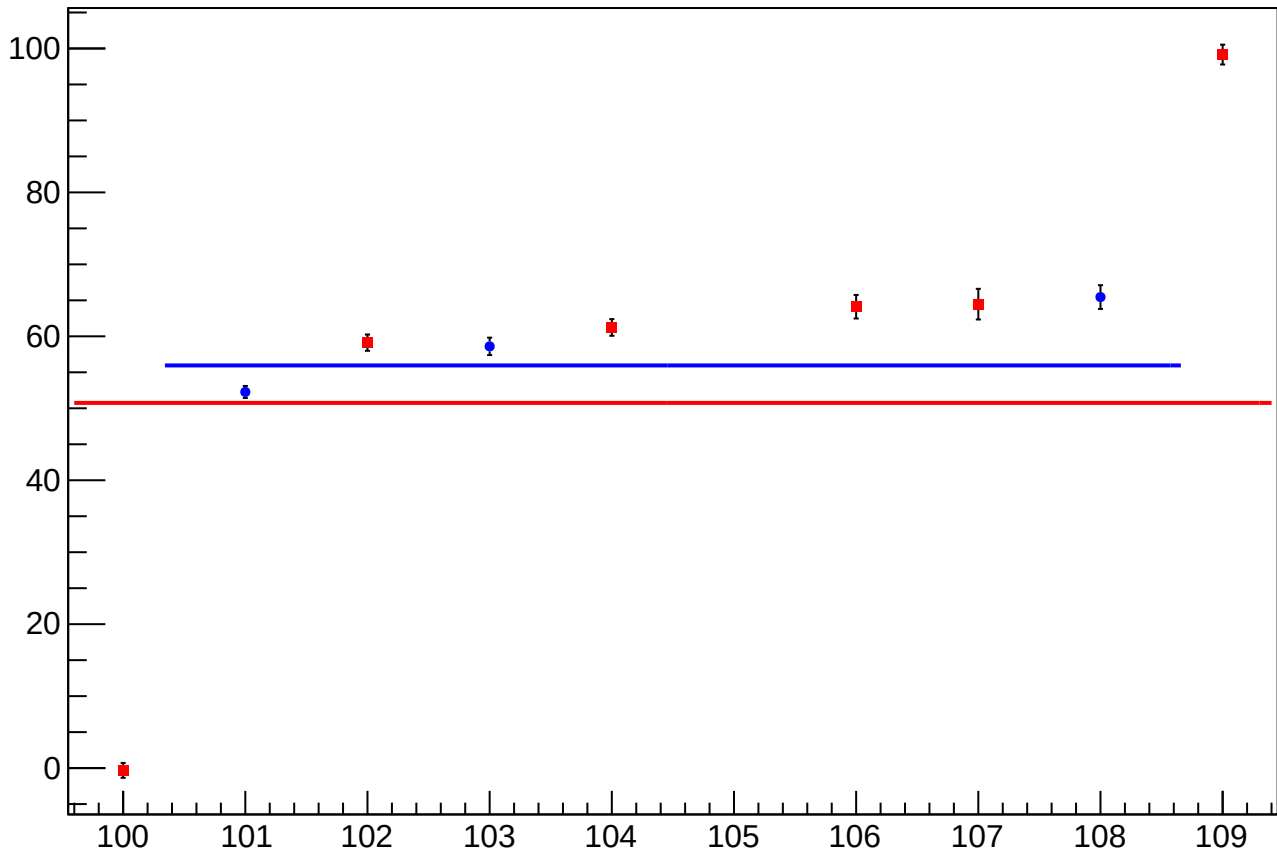
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.642 $\pm$ 0.440 χ^2 /NDF: 133.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 55.956+/-0.634 χ^2/NDF : 57.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.749+/-0.528 χ^2/NDF : 3921.1/5

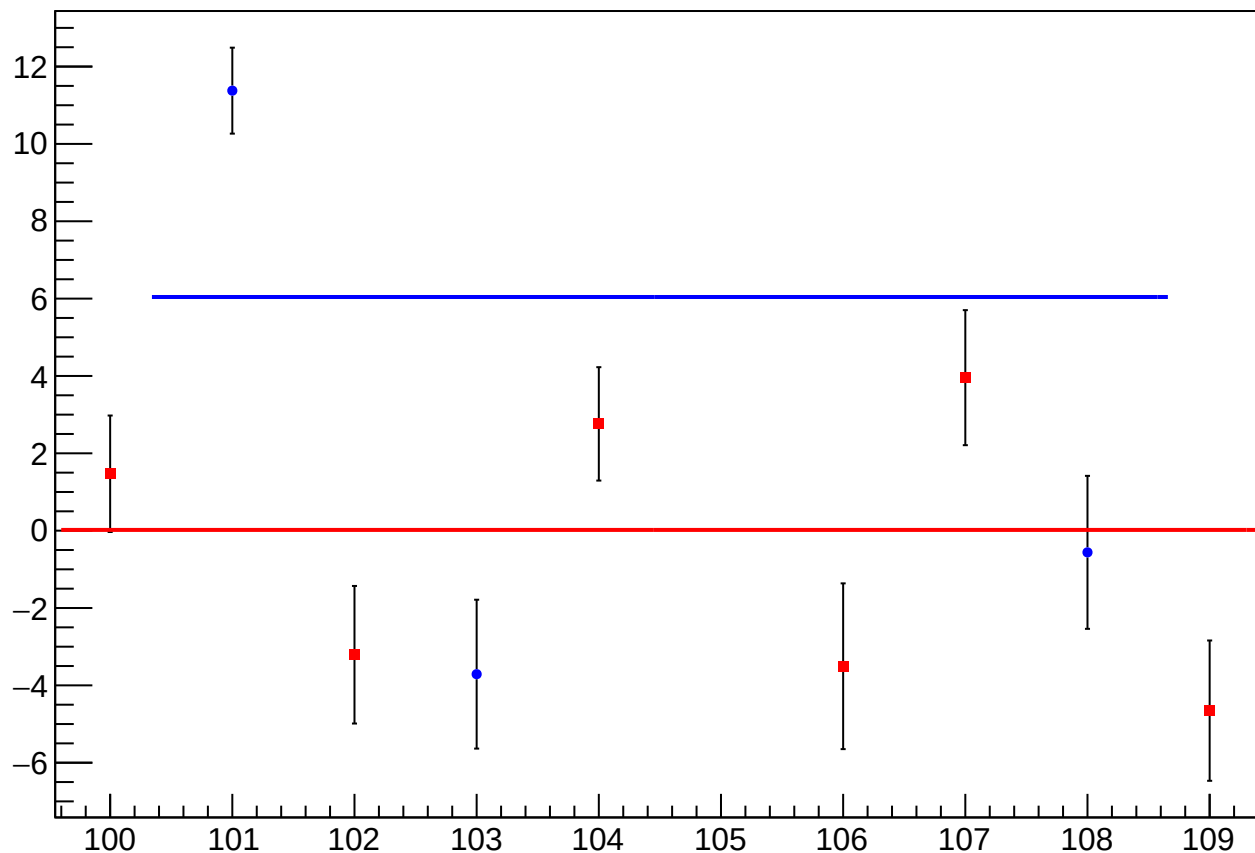
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.883+/-0.406 χ^2/NDF : 4018.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 6.042 $\pm$ 0.865 χ^2 /NDF: 59.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.019 $\pm$ 0.695 χ^2 /NDF: 22.1/5

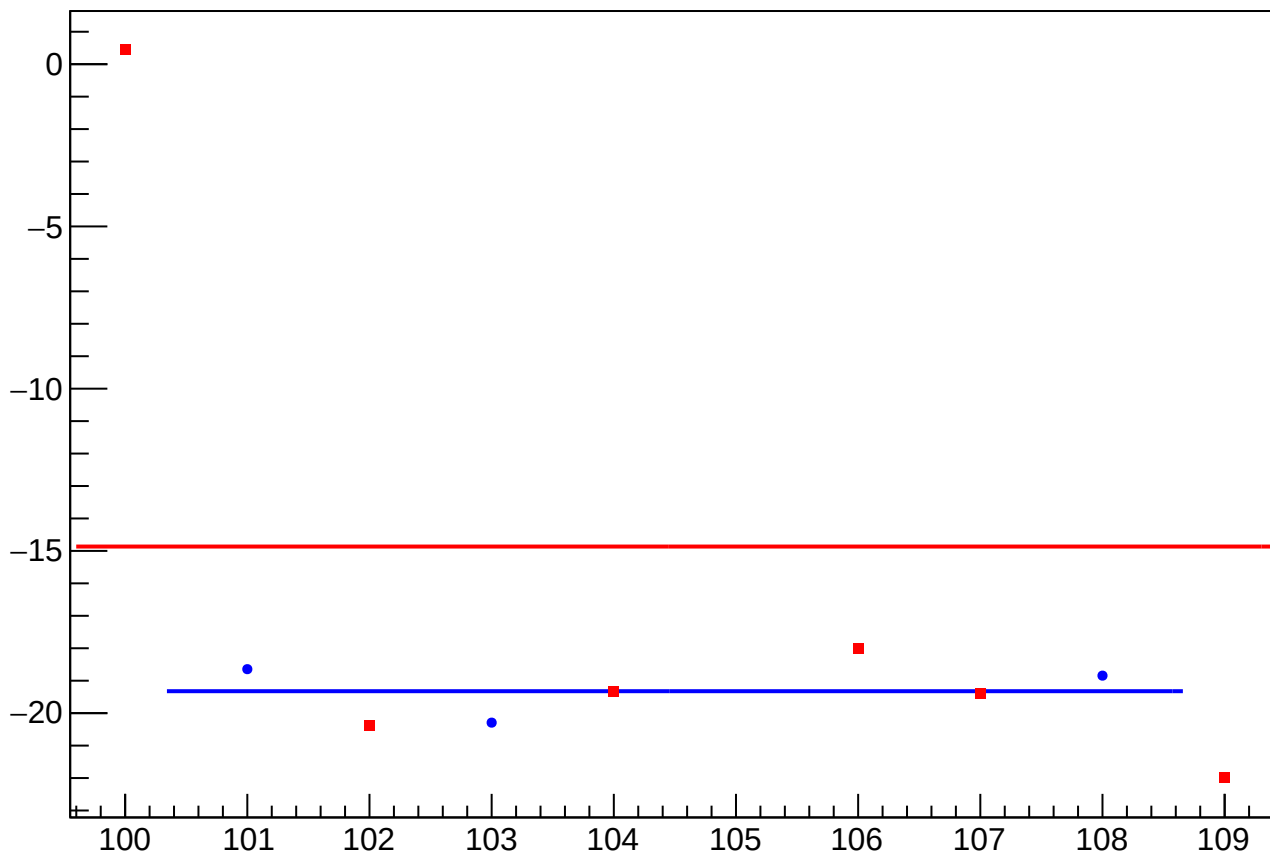
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.379 $\pm$ 0.542 χ^2 /NDF: 111.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.323 ± 0.031 $\chi^2/\text{NDF}: 604.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.866 ± 0.026 $\chi^2/\text{NDF}: 114551.3/5$

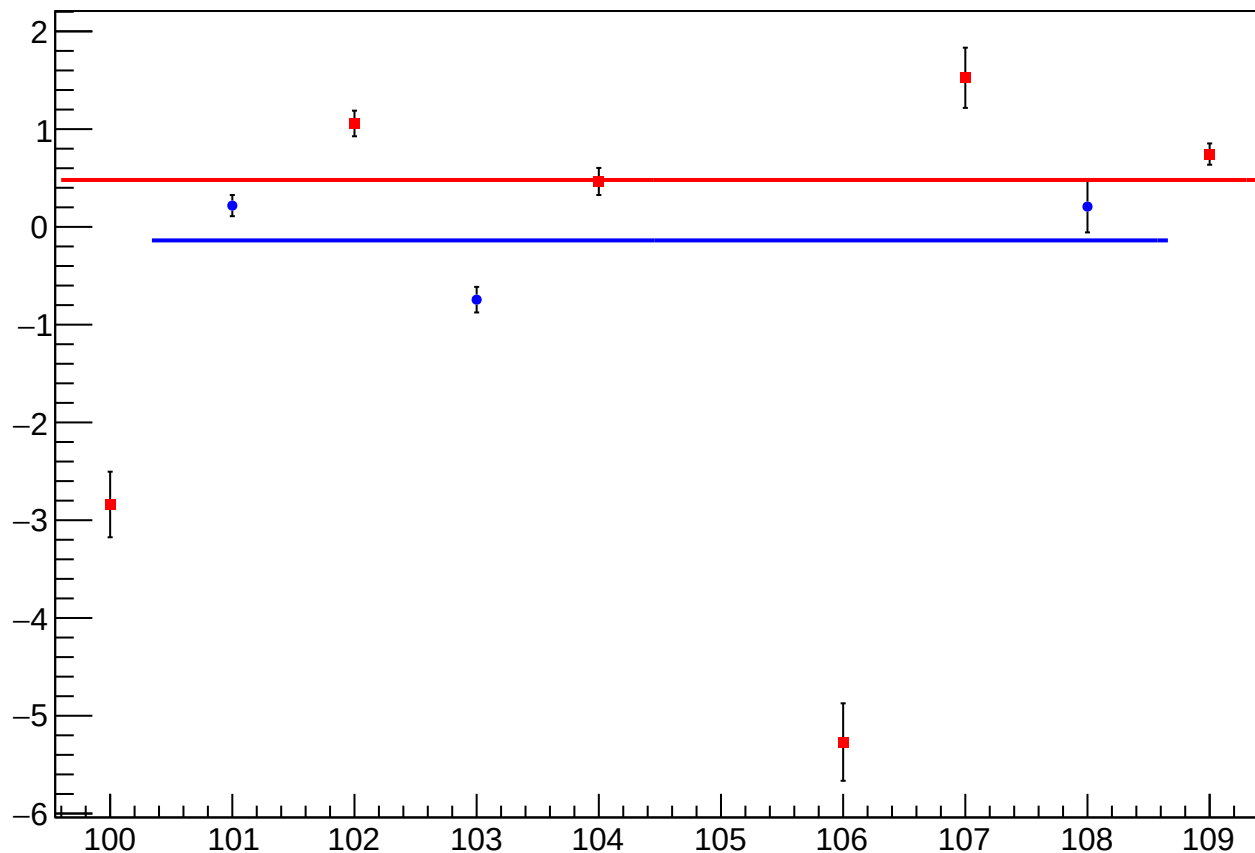
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.662 ± 0.020 $\chi^2/\text{NDF}: 127198.1/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -0.138 ± 0.079 χ^2/NDF : 34.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.480 ± 0.067 χ^2/NDF : 345.3/5

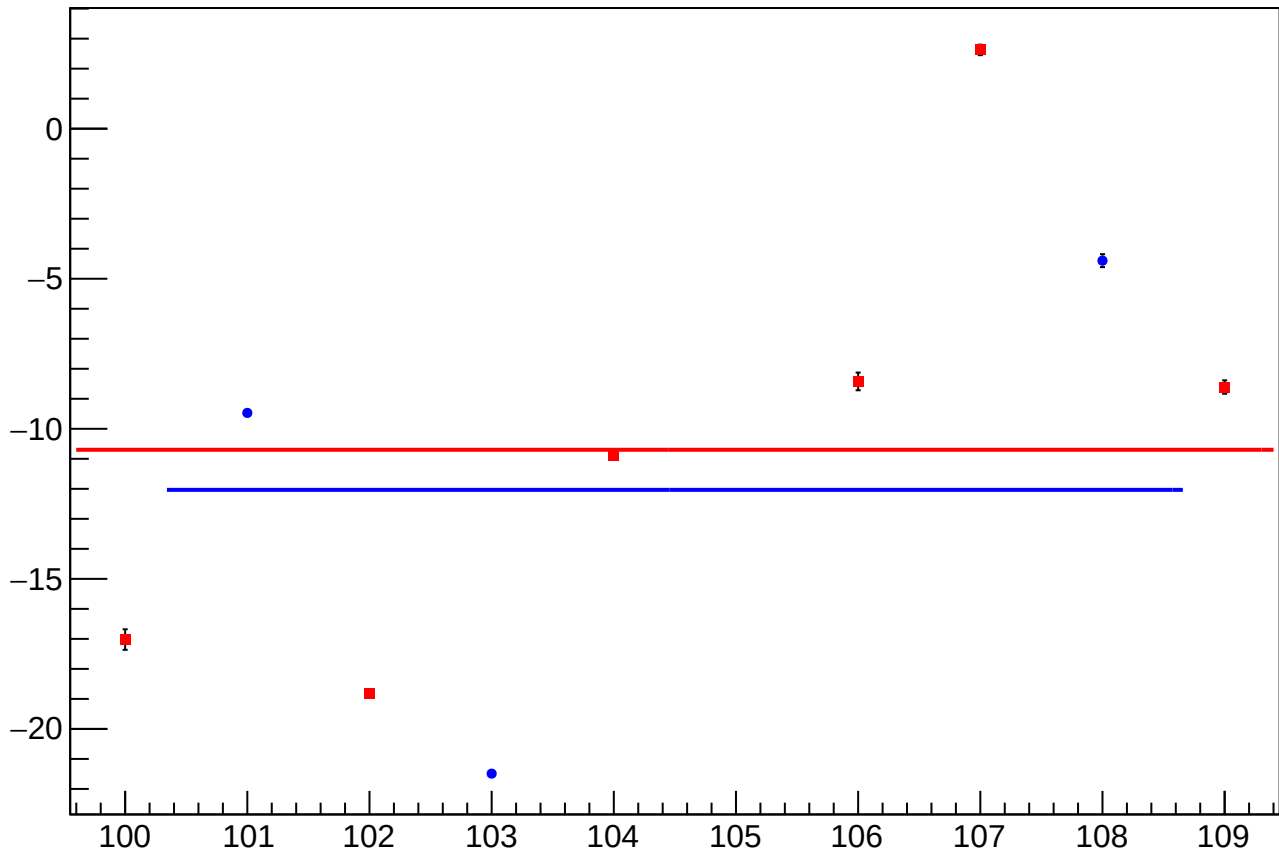
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.221 ± 0.051 χ^2/NDF : 414.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -12.034+/-0.071 χ^2/NDF : 6740.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.699+/-0.071 χ^2/NDF : 9859.6/5

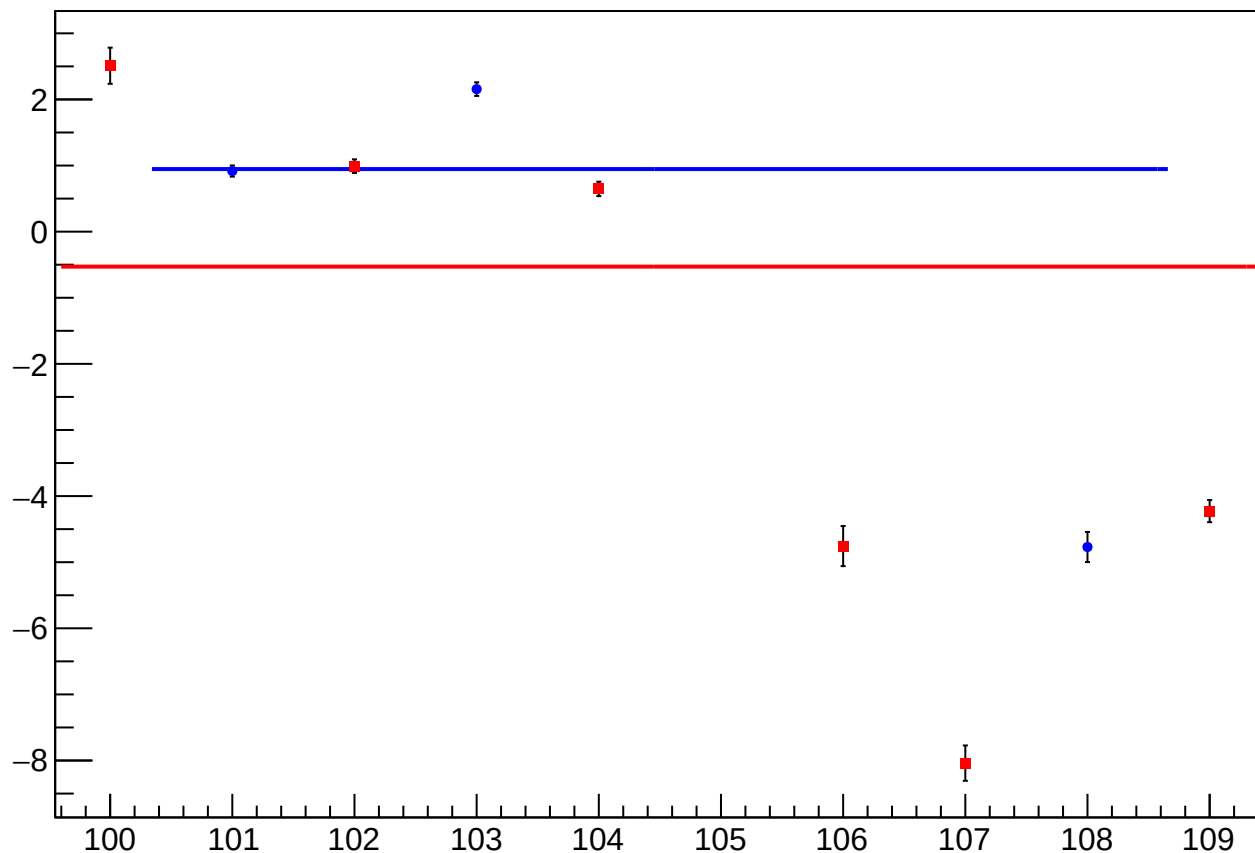
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.370+/-0.050 χ^2/NDF : 16778.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.947 $\pm$ 0.063 χ^2 /NDF: 769.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.529 $\pm$ 0.063 χ^2 /NDF: 1930.7/5

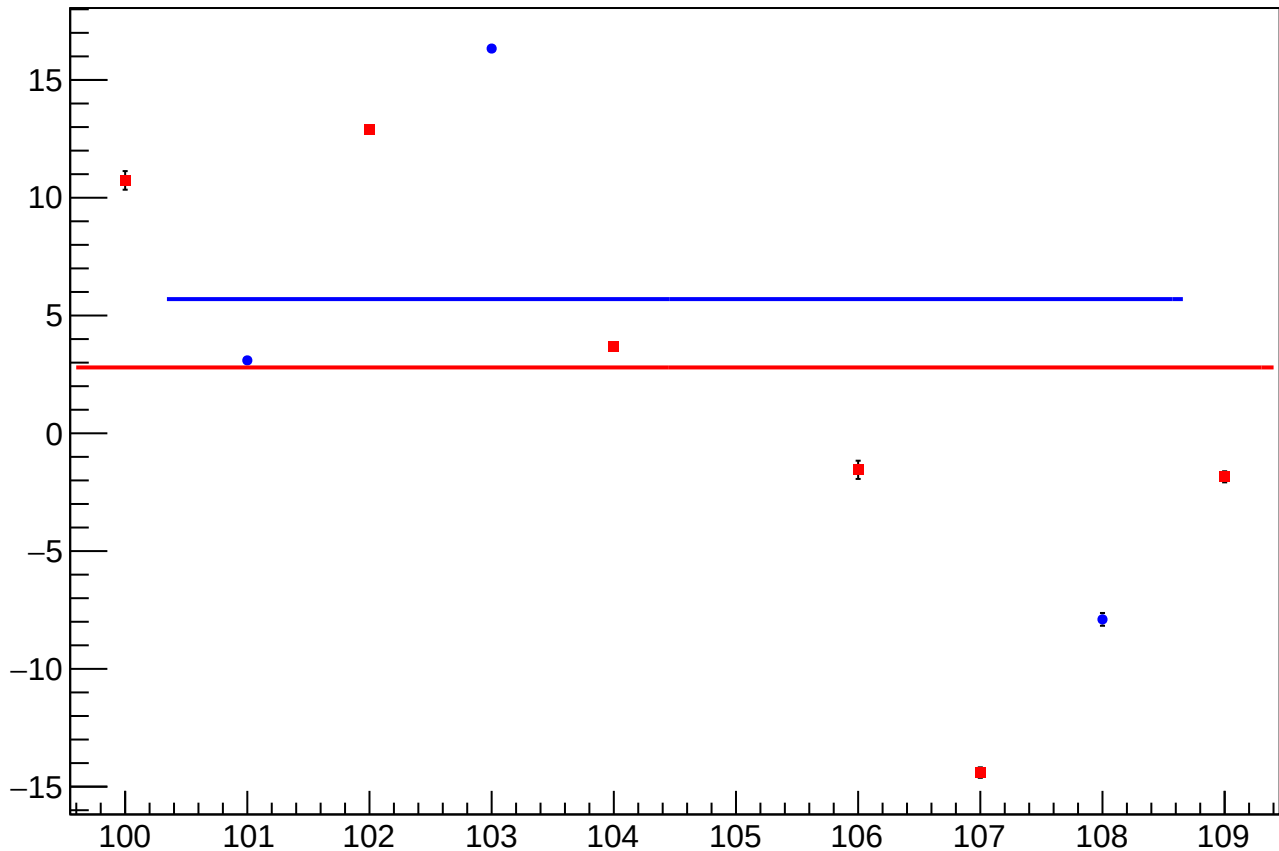
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.211 $\pm$ 0.044 χ^2 /NDF: 2975.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 5.697 $\pm$ 0.088 χ^2 /NDF: 7220.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.796 $\pm$ 0.086 χ^2 /NDF: 10708.3/5

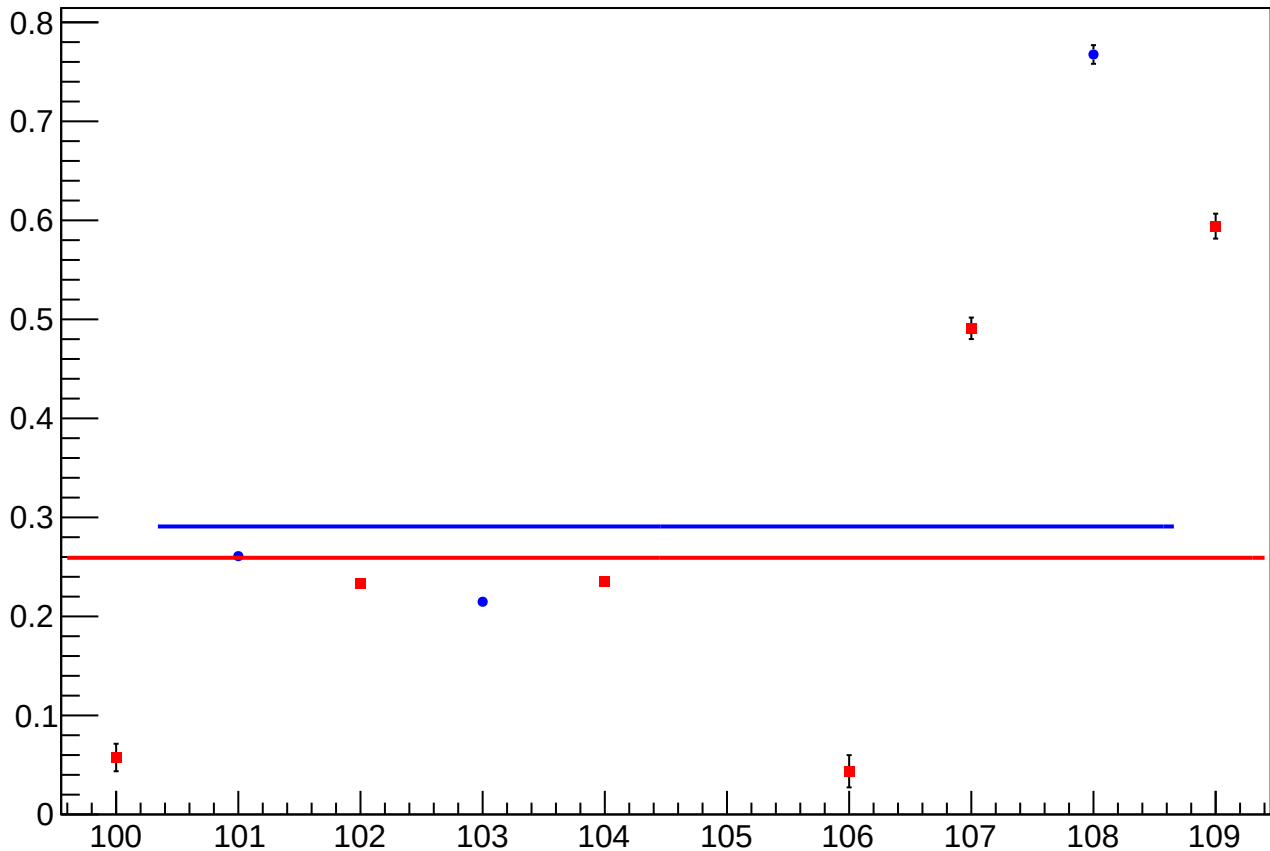
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.221 $\pm$ 0.061 χ^2 /NDF: 18485.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.291 $\pm$ 0.003 χ^2 /NDF: 2908.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.259 $\pm$ 0.003 χ^2 /NDF: 1606.5/5

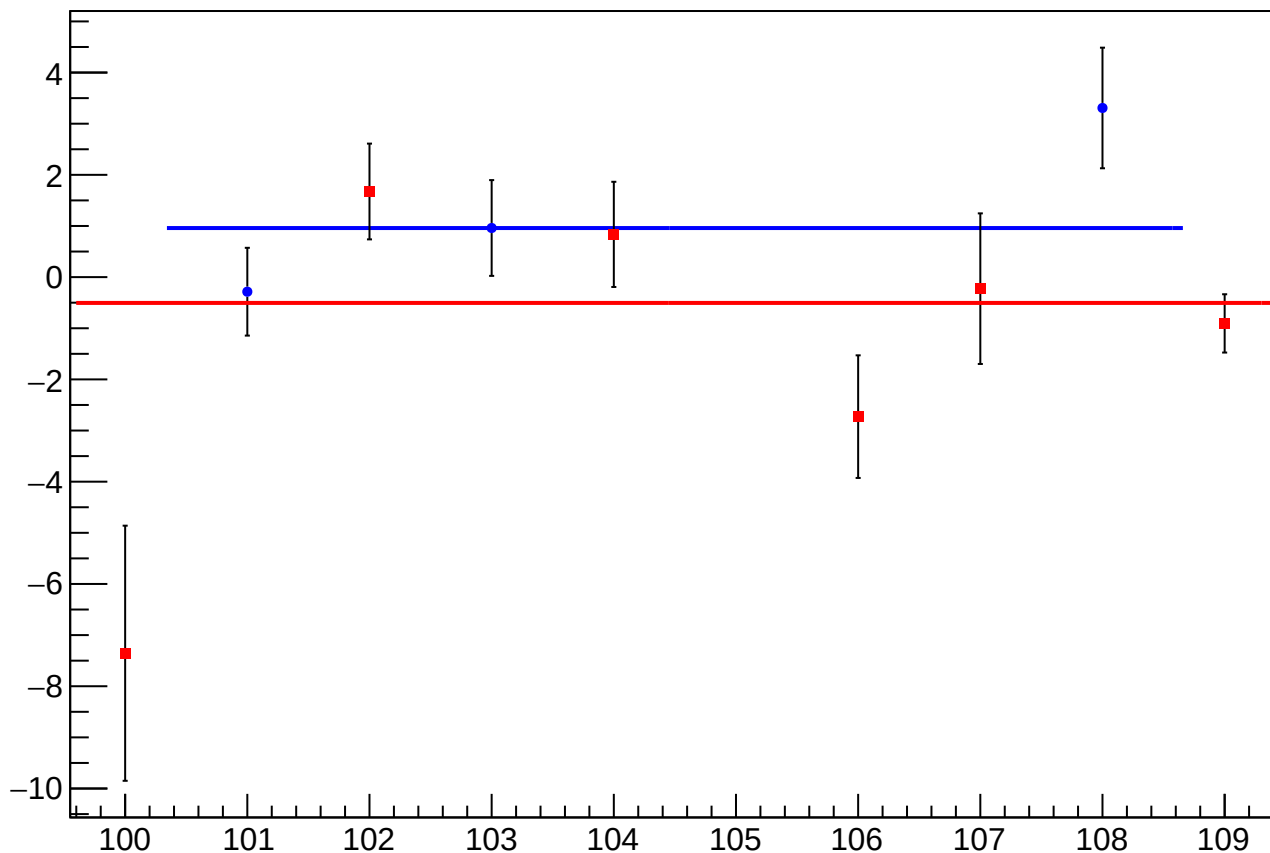
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.275 $\pm$ 0.002 χ^2 /NDF: 4569.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: 0.960 $\pm$ 0.558 χ^2 /NDF: 6.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.505 $\pm$ 0.393 χ^2 /NDF: 18.6/5

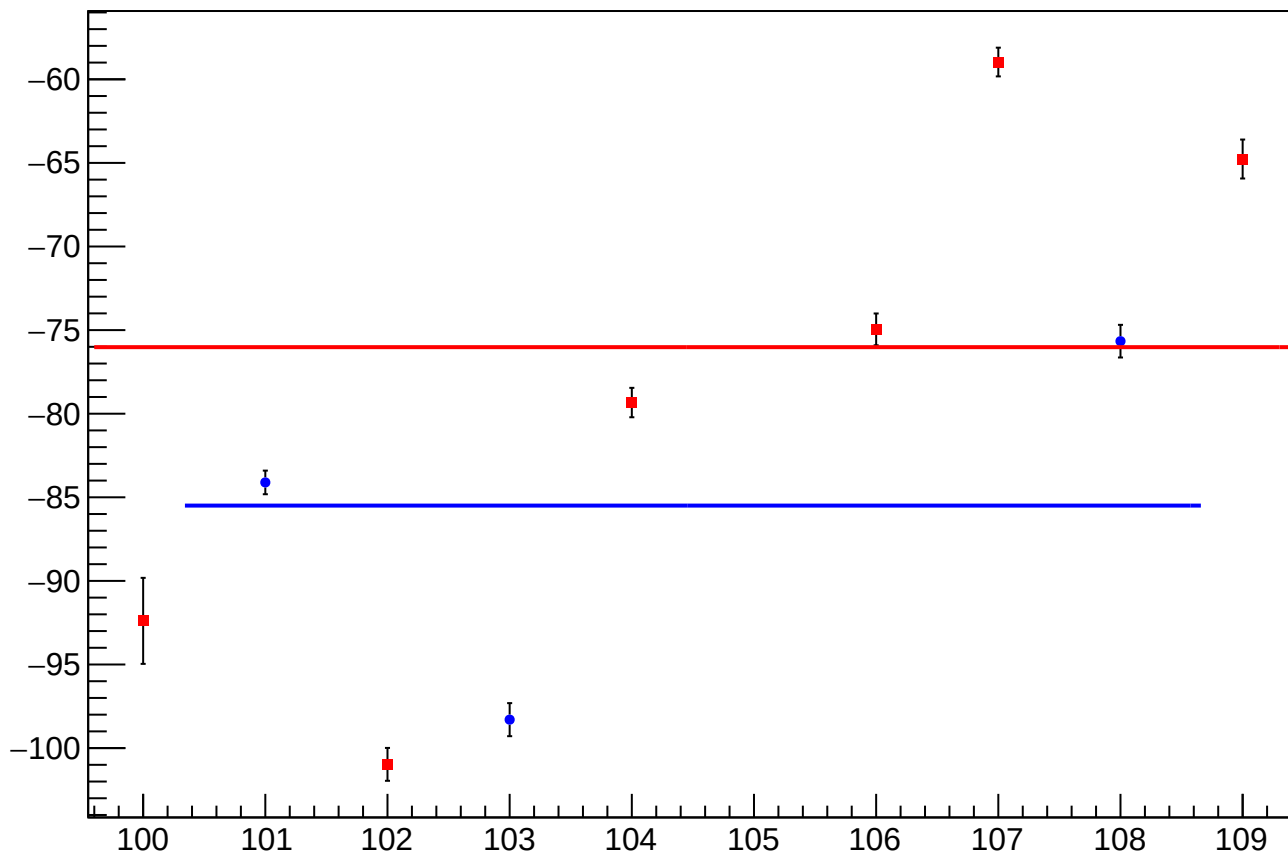
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.019 $\pm$ 0.321 χ^2 /NDF: 29.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -85.496 ± 0.495 χ^2/NDF : 273.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.020 ± 0.420 χ^2/NDF : 1187.5/5

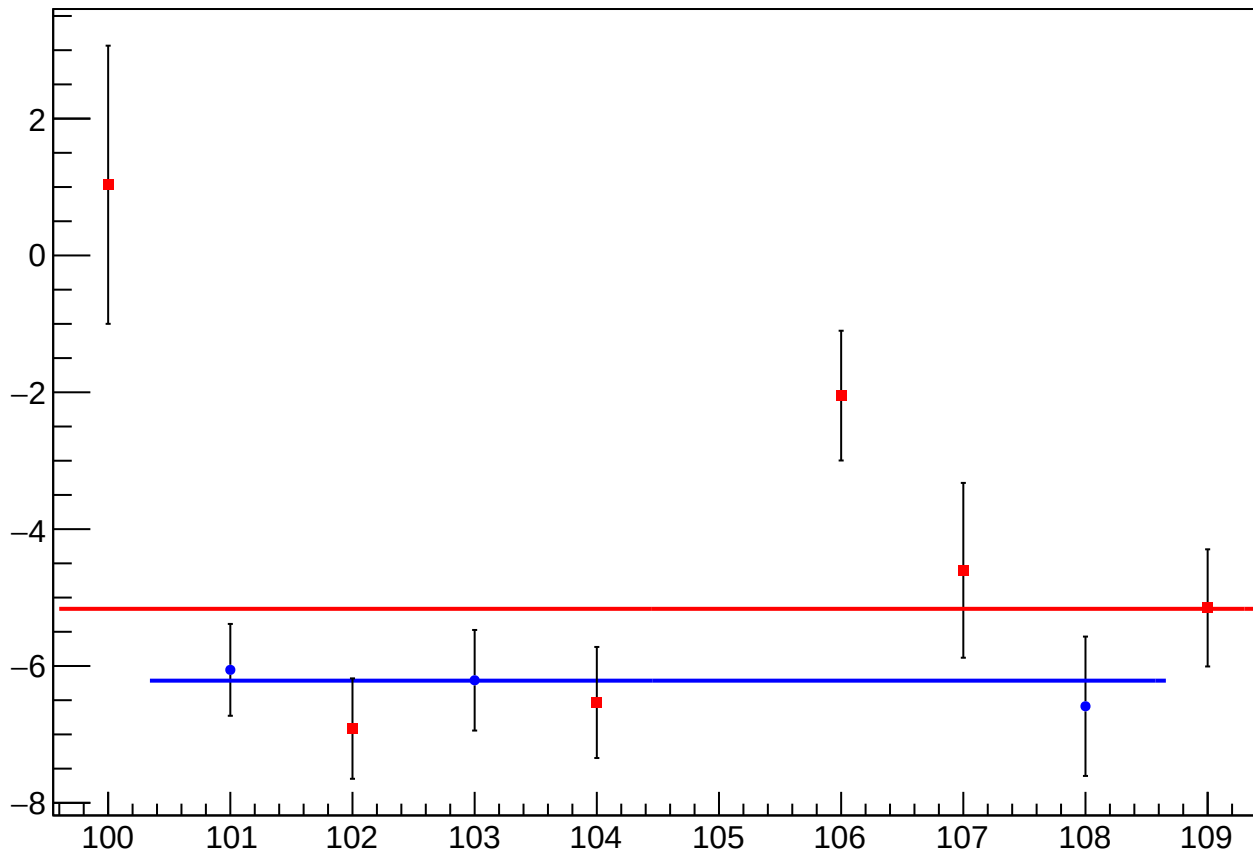
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.981 ± 0.320 χ^2/NDF : 1673.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -6.214 ± 0.446 χ^2/NDF : 0.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.165 ± 0.386 χ^2/NDF : 28.8/5

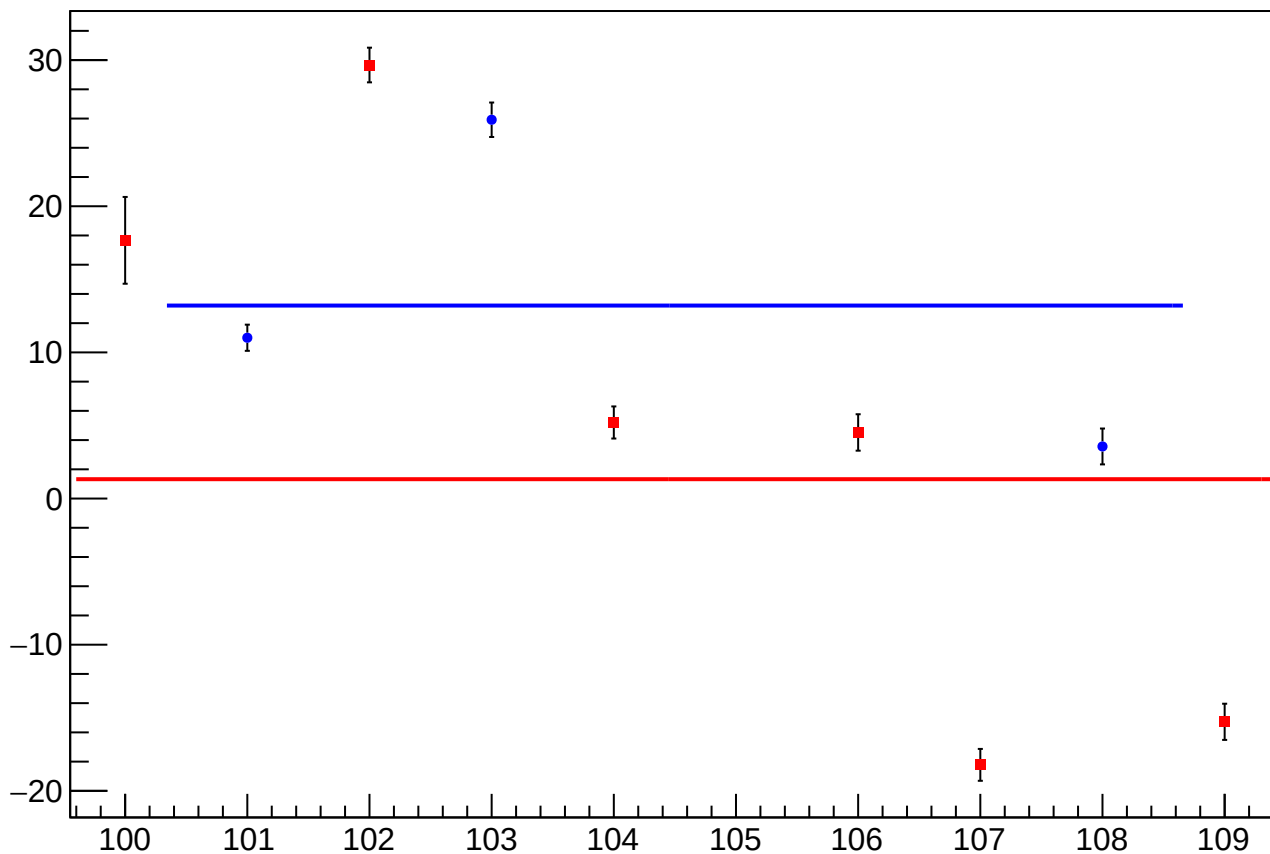
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.615 ± 0.292 χ^2/NDF : 32.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: 13.205 $\pm$ 0.617 χ^2 /NDF: 184.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.324 $\pm$ 0.514 χ^2 /NDF: 1121.0/5

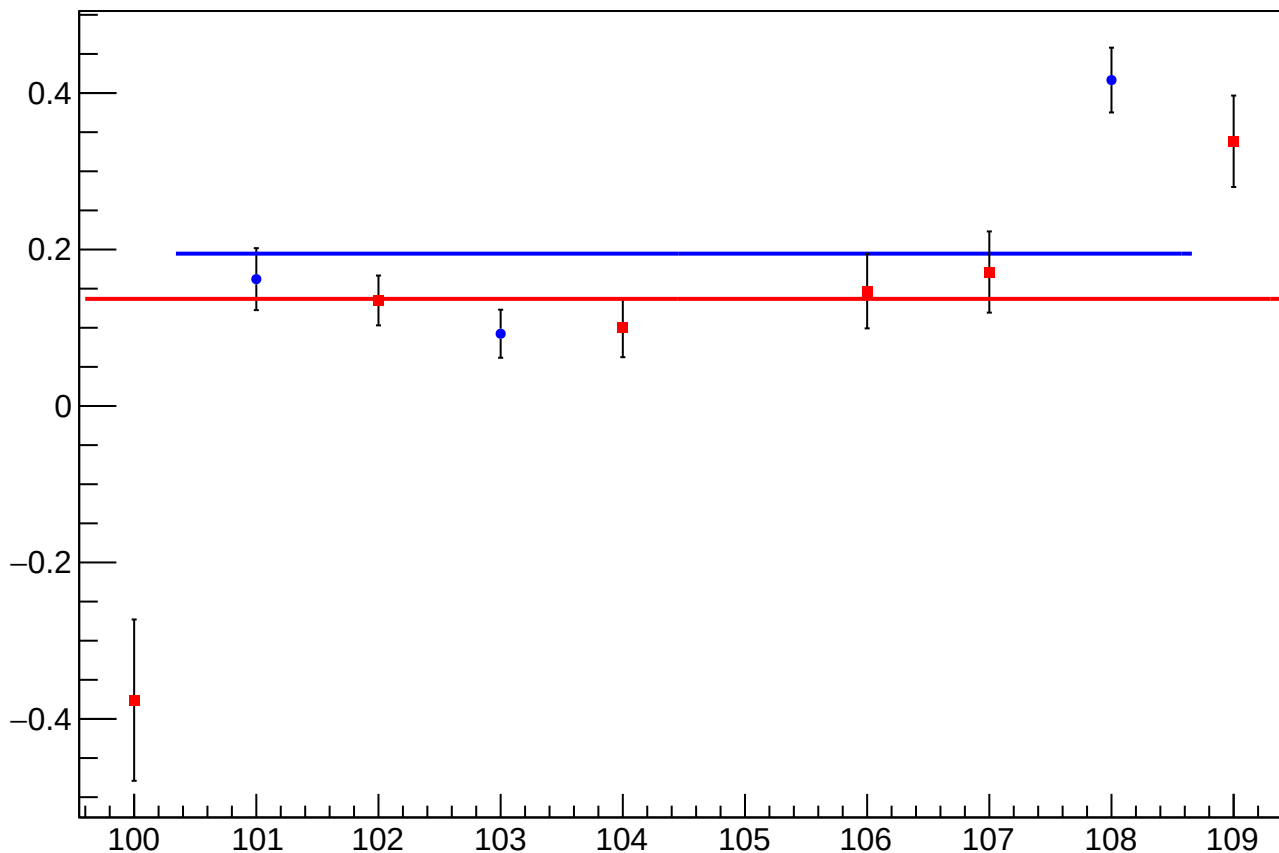
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.192 $\pm$ 0.395 χ^2 /NDF: 1524.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.195 $\pm$ 0.021 χ^2 /NDF: 40.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.137 $\pm$ 0.019 χ^2 /NDF: 38.1/5

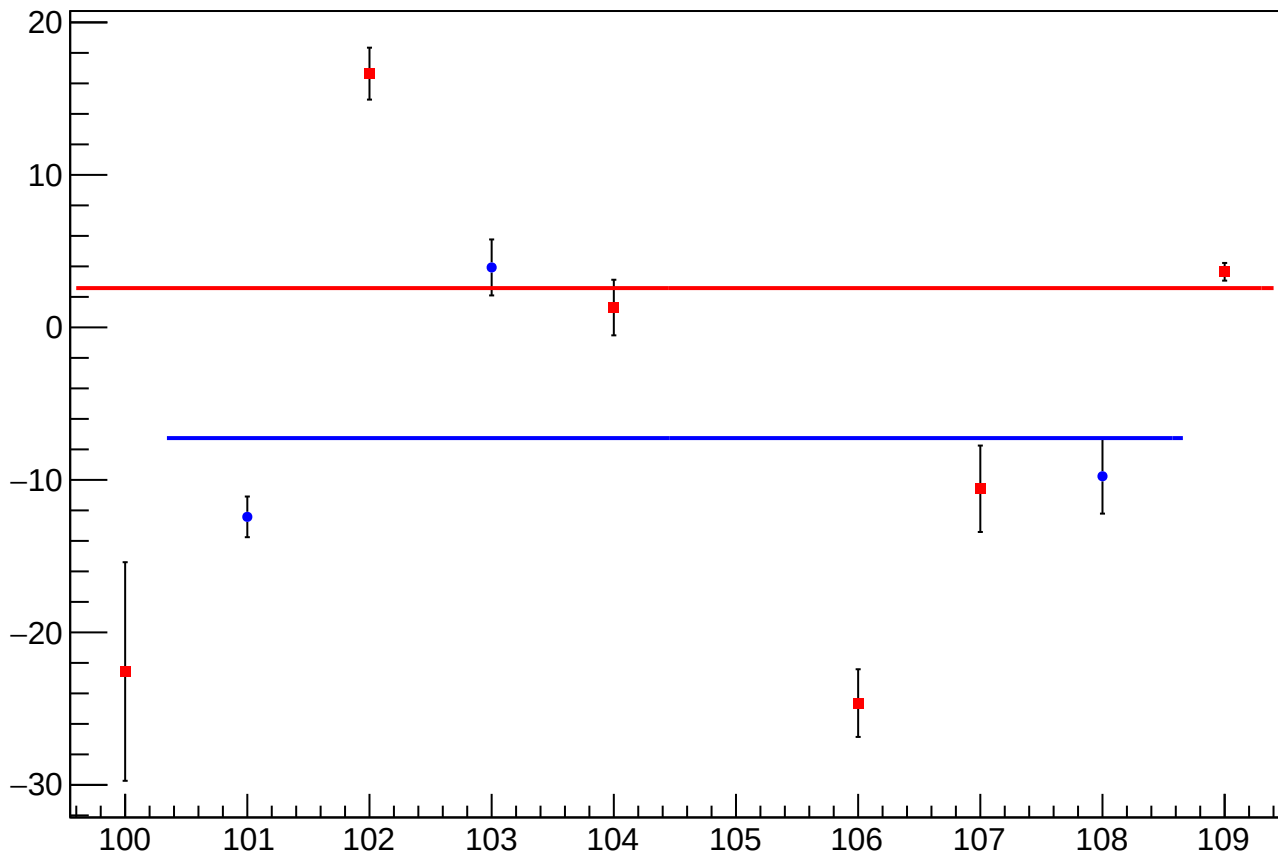
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.162 $\pm$ 0.014 χ^2 /NDF: 82.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -7.259+/-0.987 χ^2/NDF : 53.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.577+/-0.502 χ^2/NDF : 256.3/5

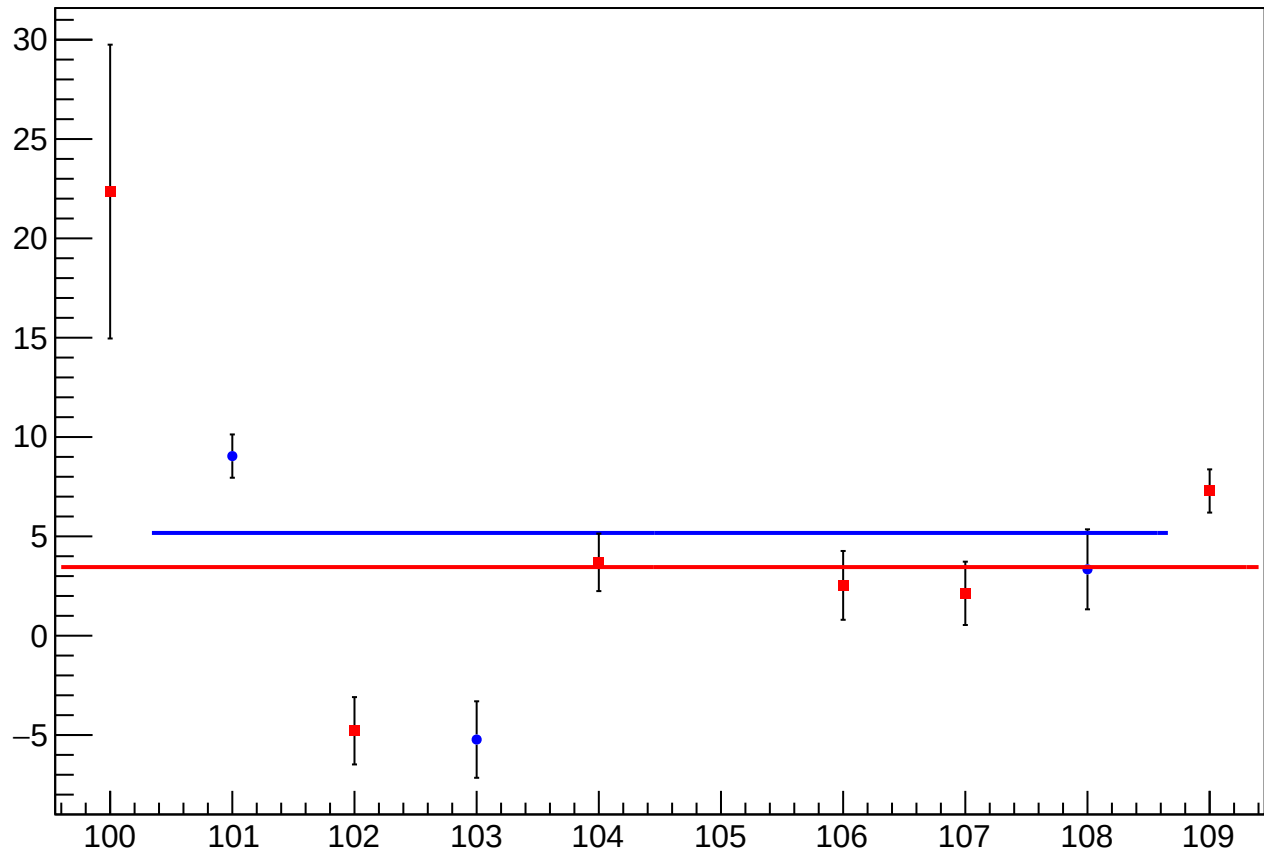
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.558+/-0.447 χ^2/NDF : 388.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 5.173 $\pm$ 0.858 χ^2 /NDF: 42.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.454 $\pm$ 0.643 χ^2 /NDF: 43.6/5

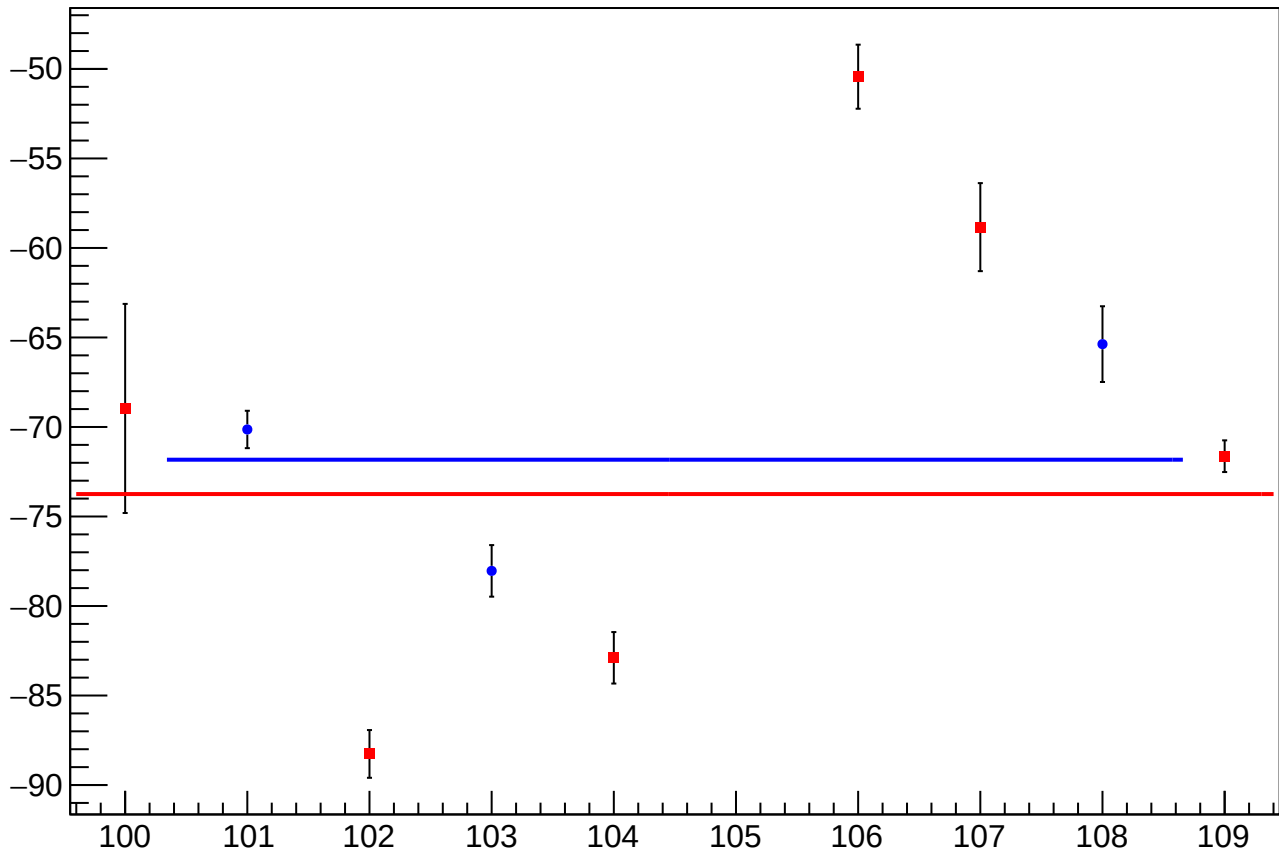
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.072 $\pm$ 0.515 χ^2 /NDF: 88.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -71.828 +/- 0.785 χ^2/NDF : 30.5/2

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -73.747 +/- 0.595 χ^2/NDF : 371.8/5

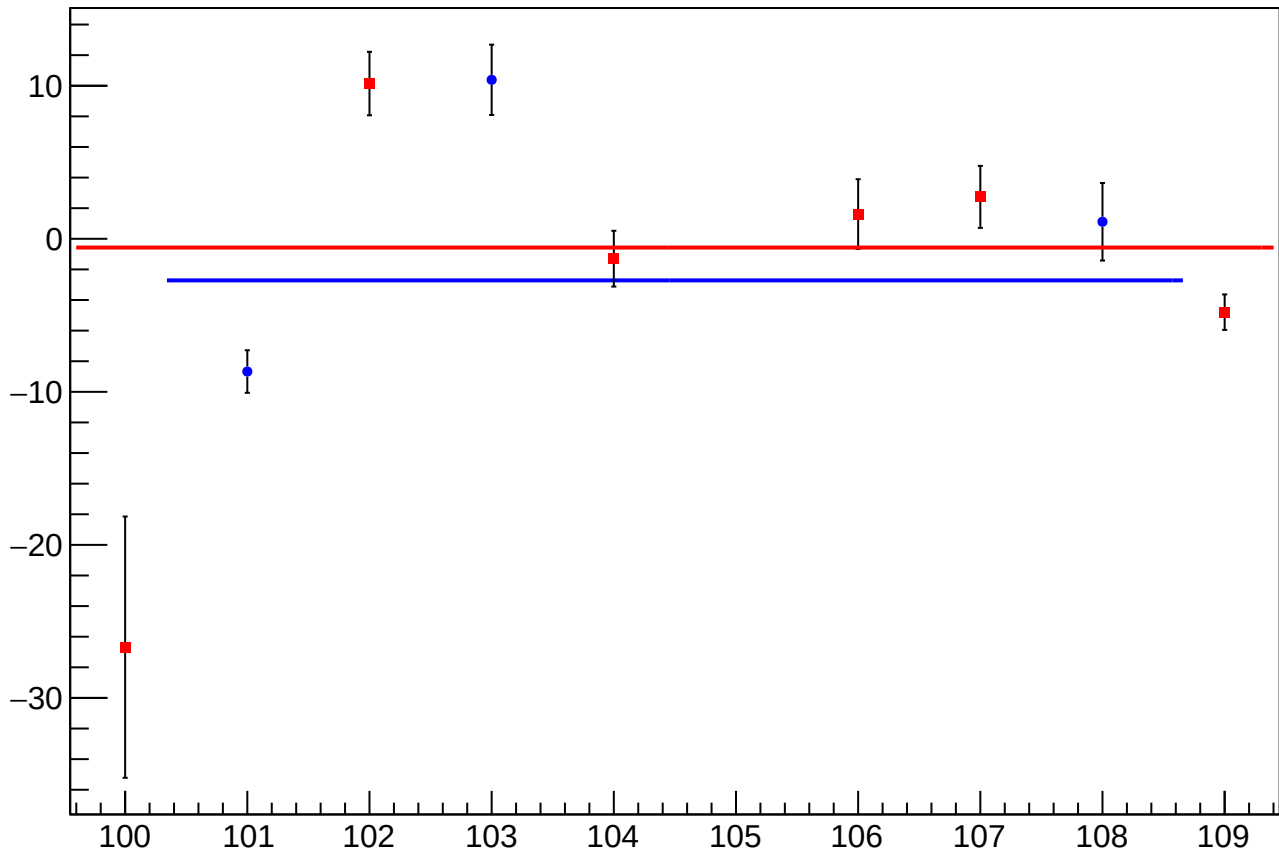
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -73.047 +/- 0.474 χ^2/NDF : 406.2/8

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: -2.718+/-1.077 χ^2/NDF : 53.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.572+/-0.761 χ^2/NDF : 53.1/5

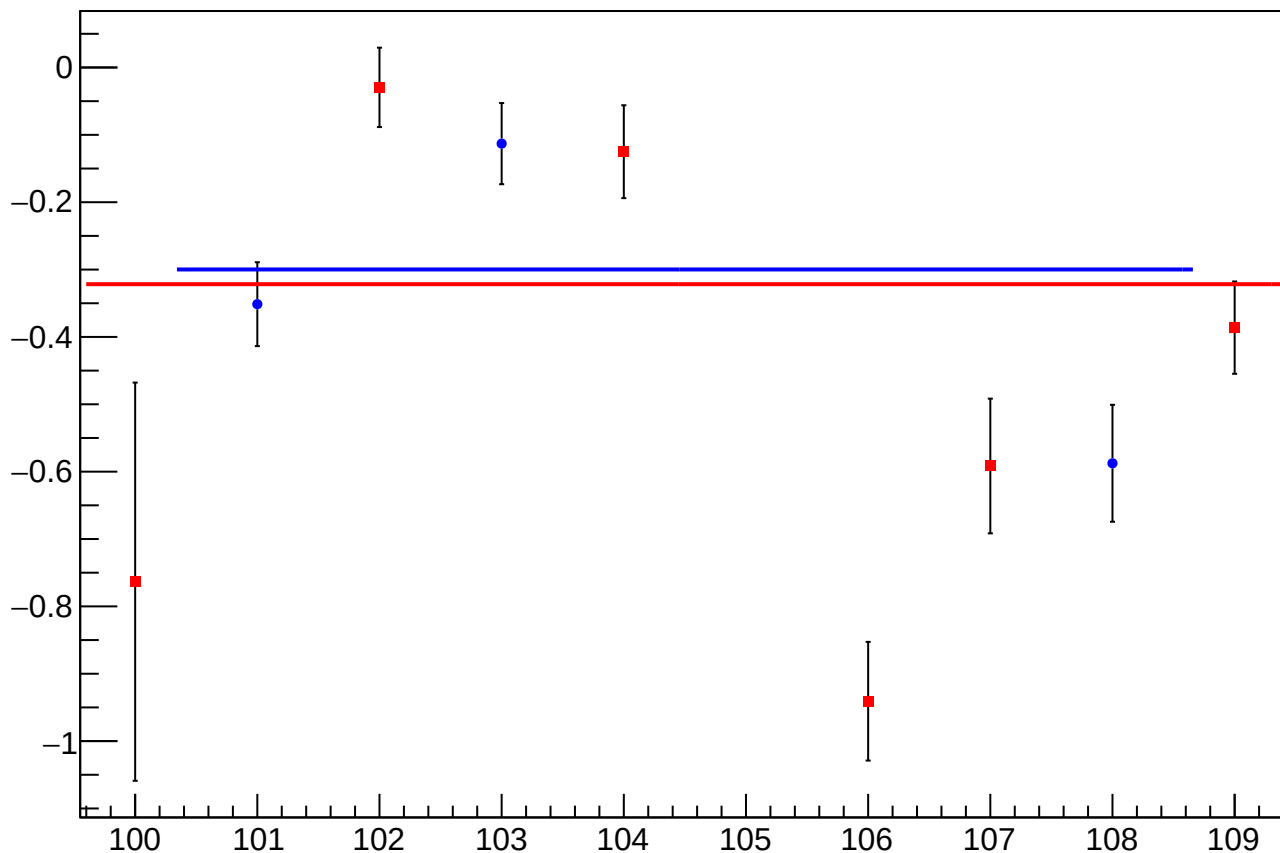
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.286+/-0.621 χ^2/NDF : 108.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.300 ± 0.039 χ^2/NDF : 21.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.322 ± 0.032 χ^2/NDF : 92.5/5

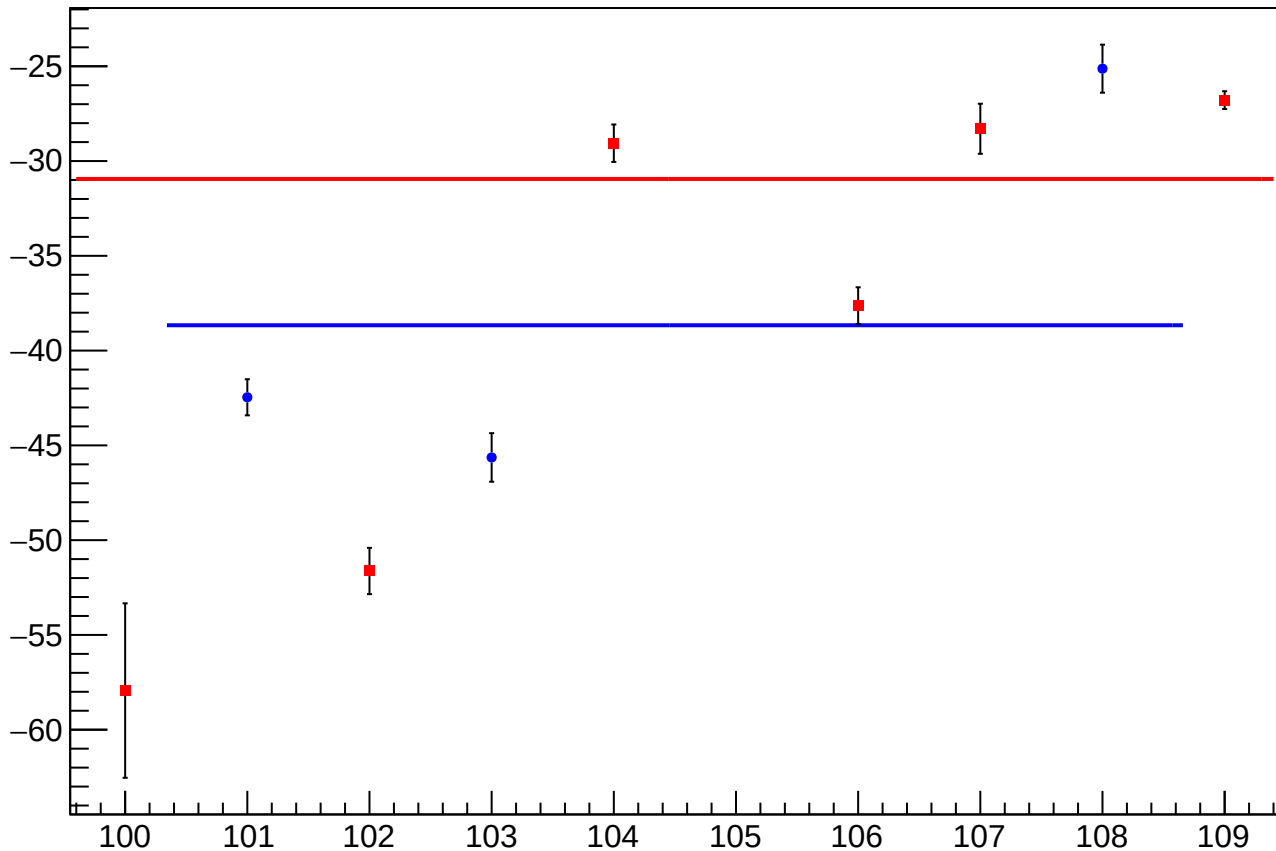
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.313 ± 0.025 χ^2/NDF : 114.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -38.663 ± 0.654 χ^2/NDF : 159.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.945 ± 0.355 χ^2/NDF : 455.7/5

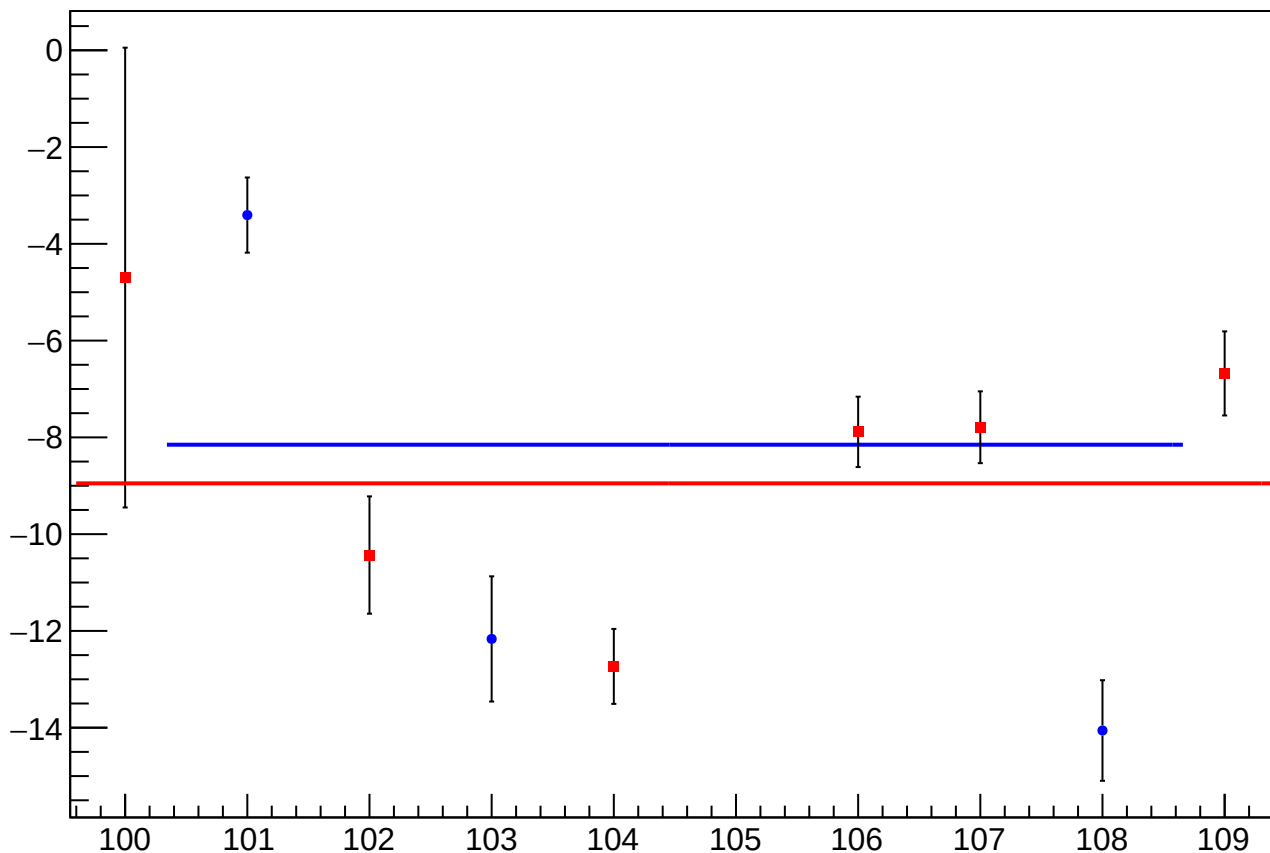
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.702 ± 0.312 χ^2/NDF : 723.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -8.152+/-0.561 χ^2/NDF : 79.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.950+/-0.367 χ^2/NDF : 37.6/5

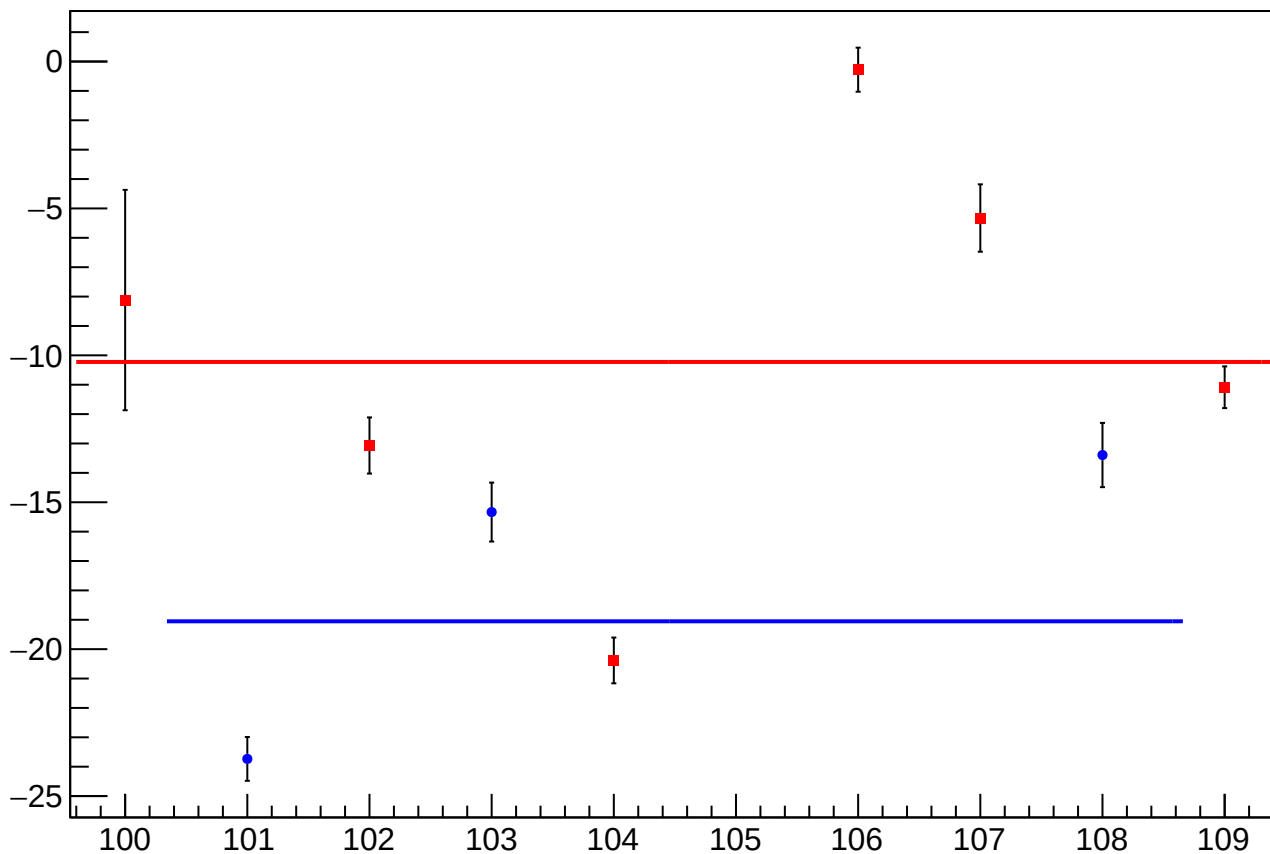
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.711+/-0.307 χ^2/NDF : 118.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -19.052 $\pm$ 0.525 χ^2 /NDF: 80.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.225 $\pm$ 0.369 χ^2 /NDF: 375.1/5

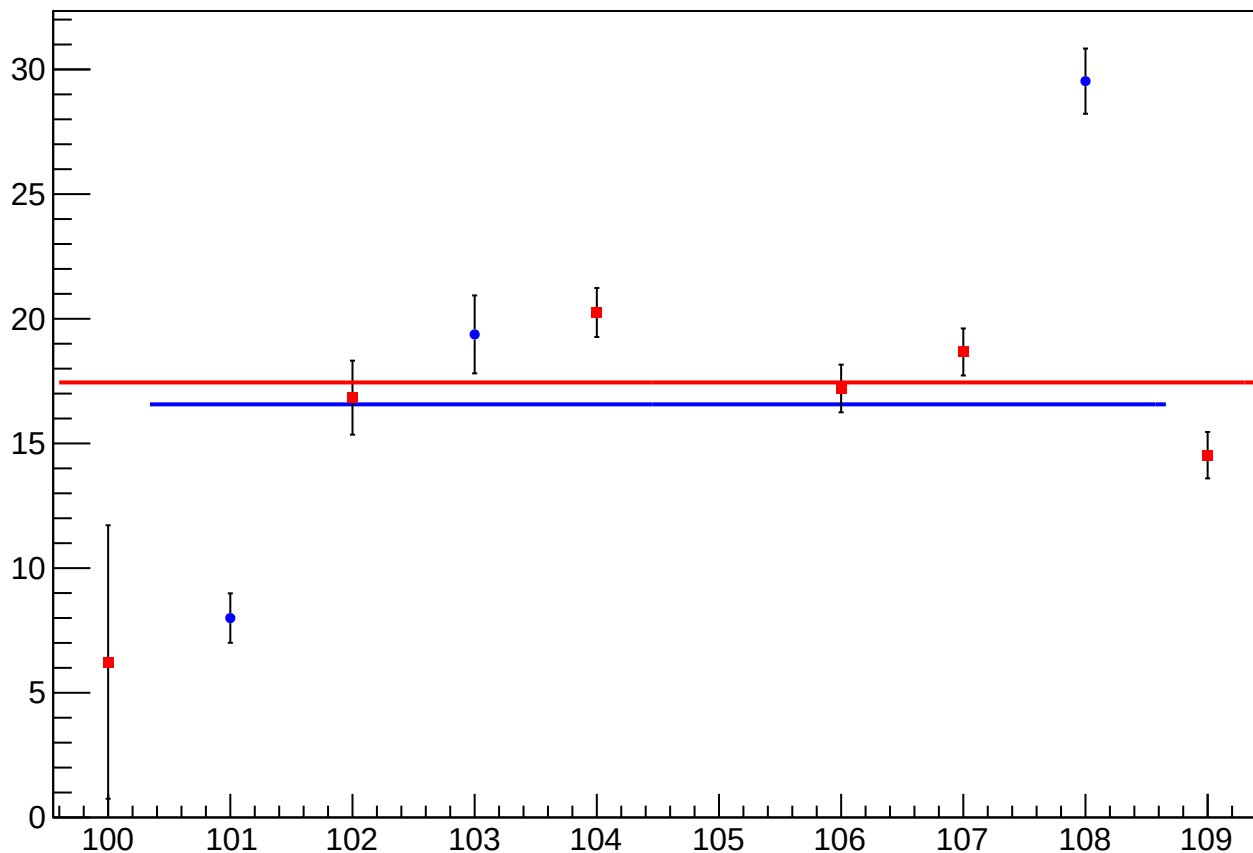
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.147 $\pm$ 0.302 χ^2 /NDF: 644.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 16.568 $\pm$ 0.705 χ^2 /NDF: 176.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.447 $\pm$ 0.452 χ^2 /NDF: 24.0/5

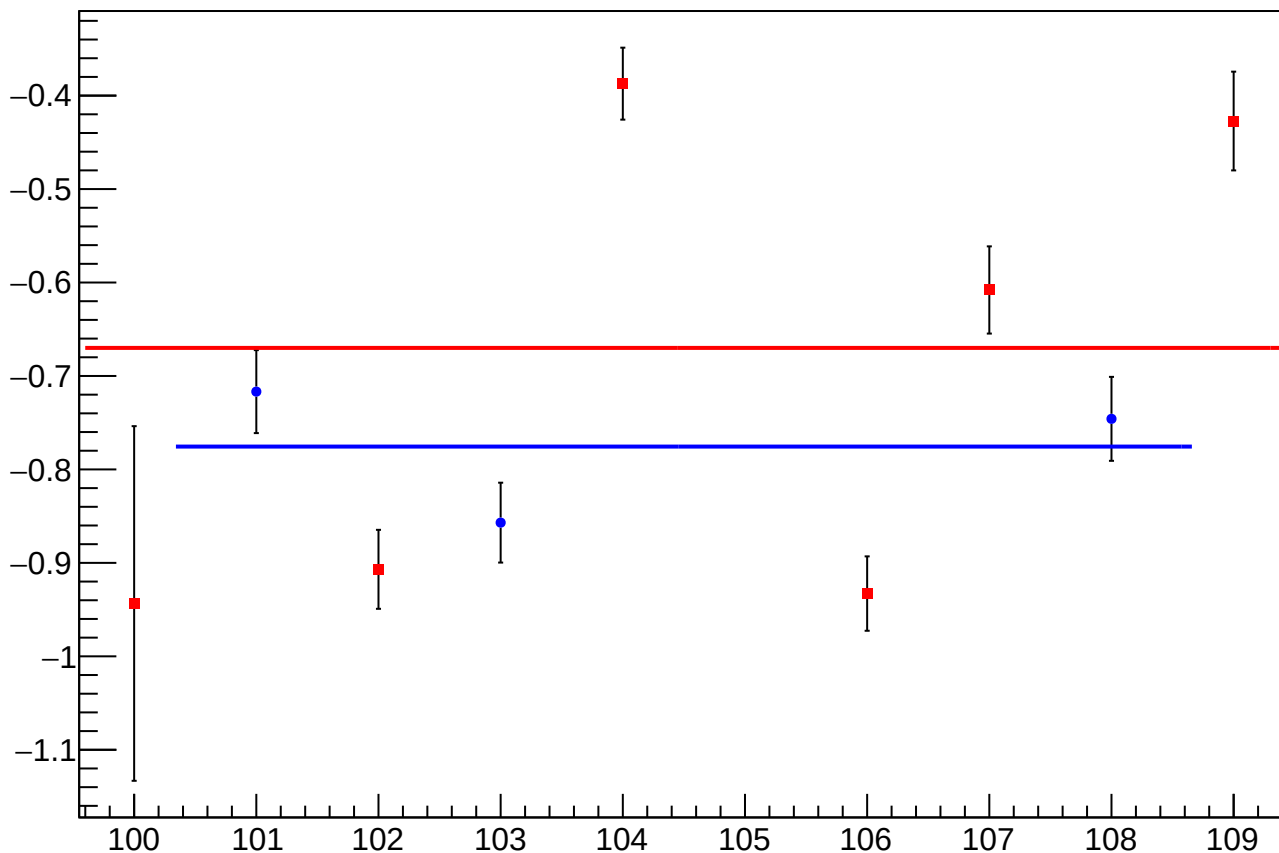
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.191 $\pm$ 0.381 χ^2 /NDF: 201.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.776 ± 0.025 χ^2/NDF : 5.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.670 ± 0.019 χ^2/NDF : 153.9/5

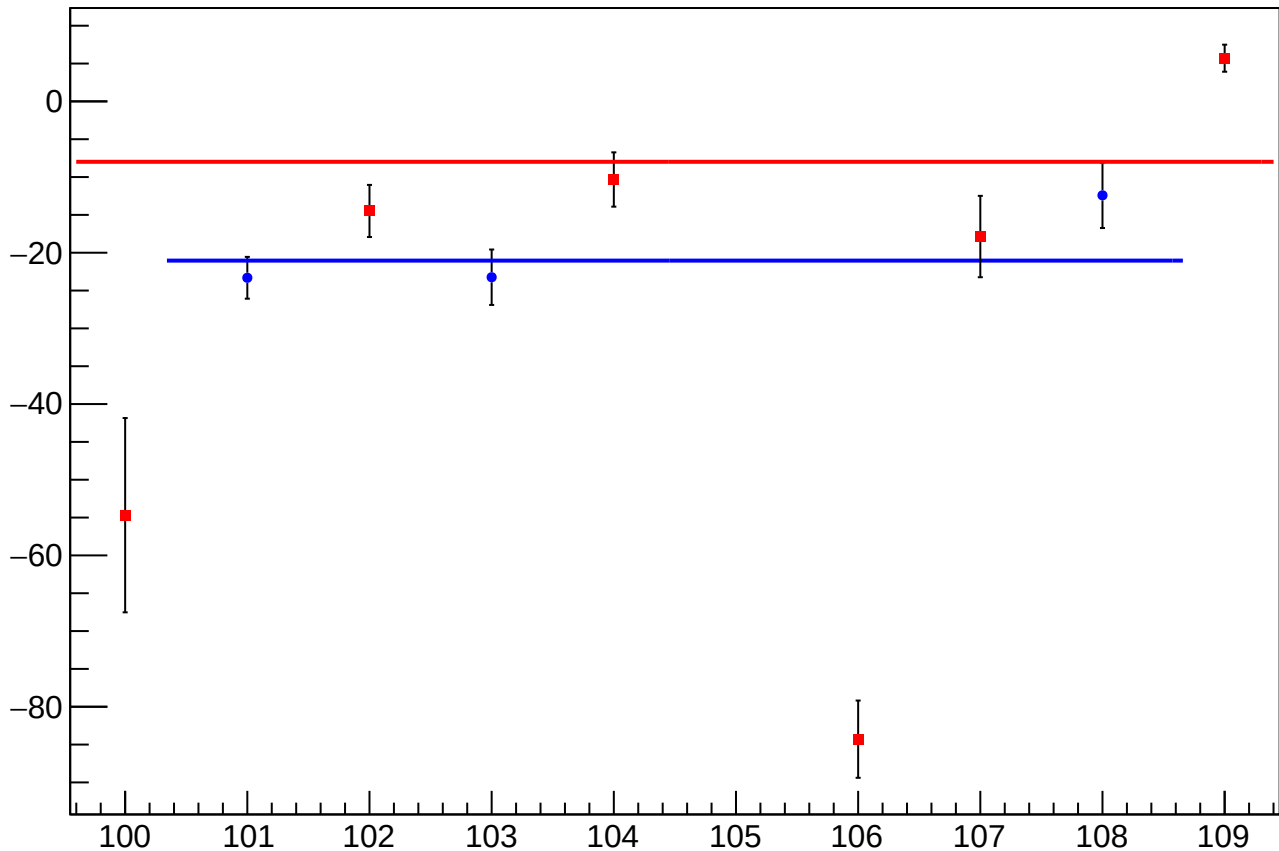
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.708 ± 0.015 χ^2/NDF : 170.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -21.042 ± 1.965 χ^2/NDF : 5.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.984 ± 1.344 χ^2/NDF : 302.7/5

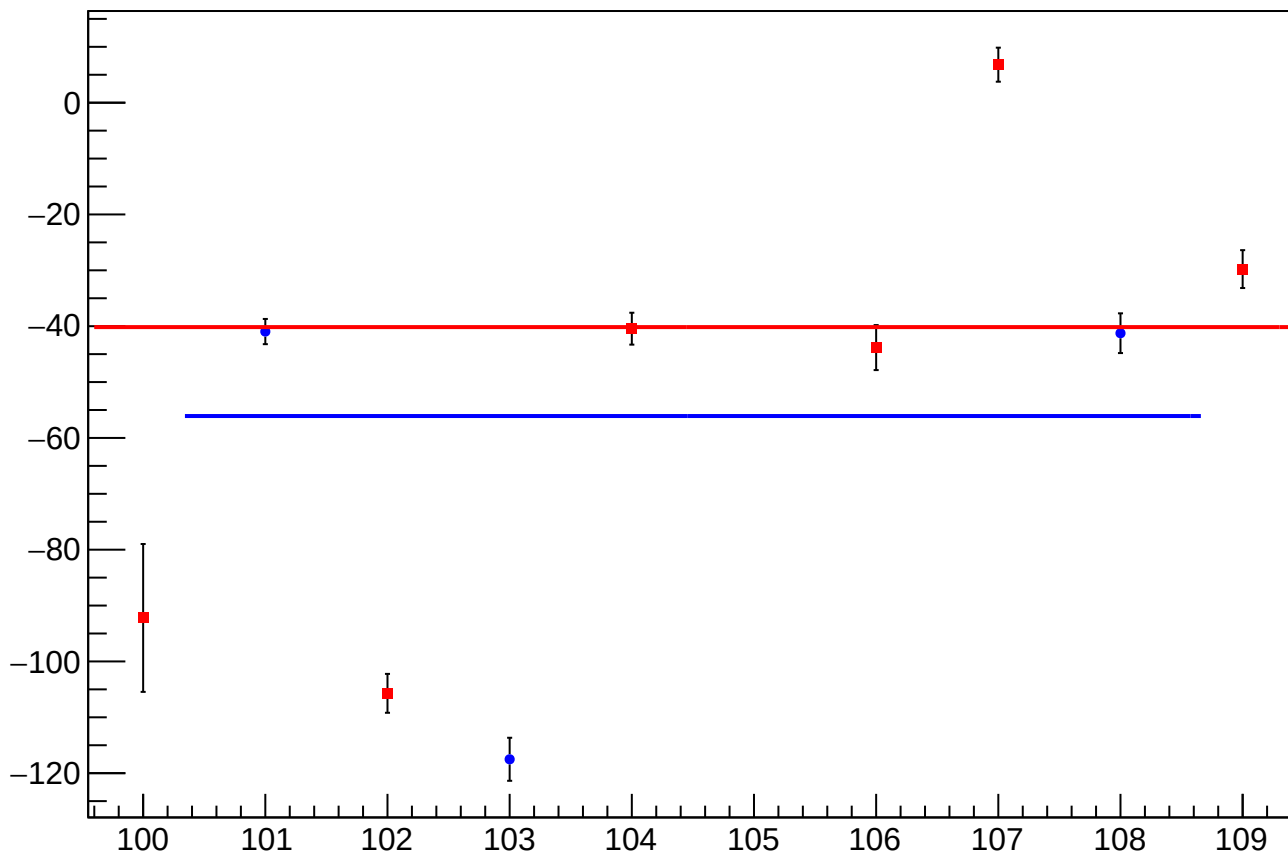
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.146 ± 1.109 χ^2/NDF : 337.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: -56.079+/-1.708 χ^2/NDF : 316.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.162+/-1.463 χ^2/NDF : 618.1/5

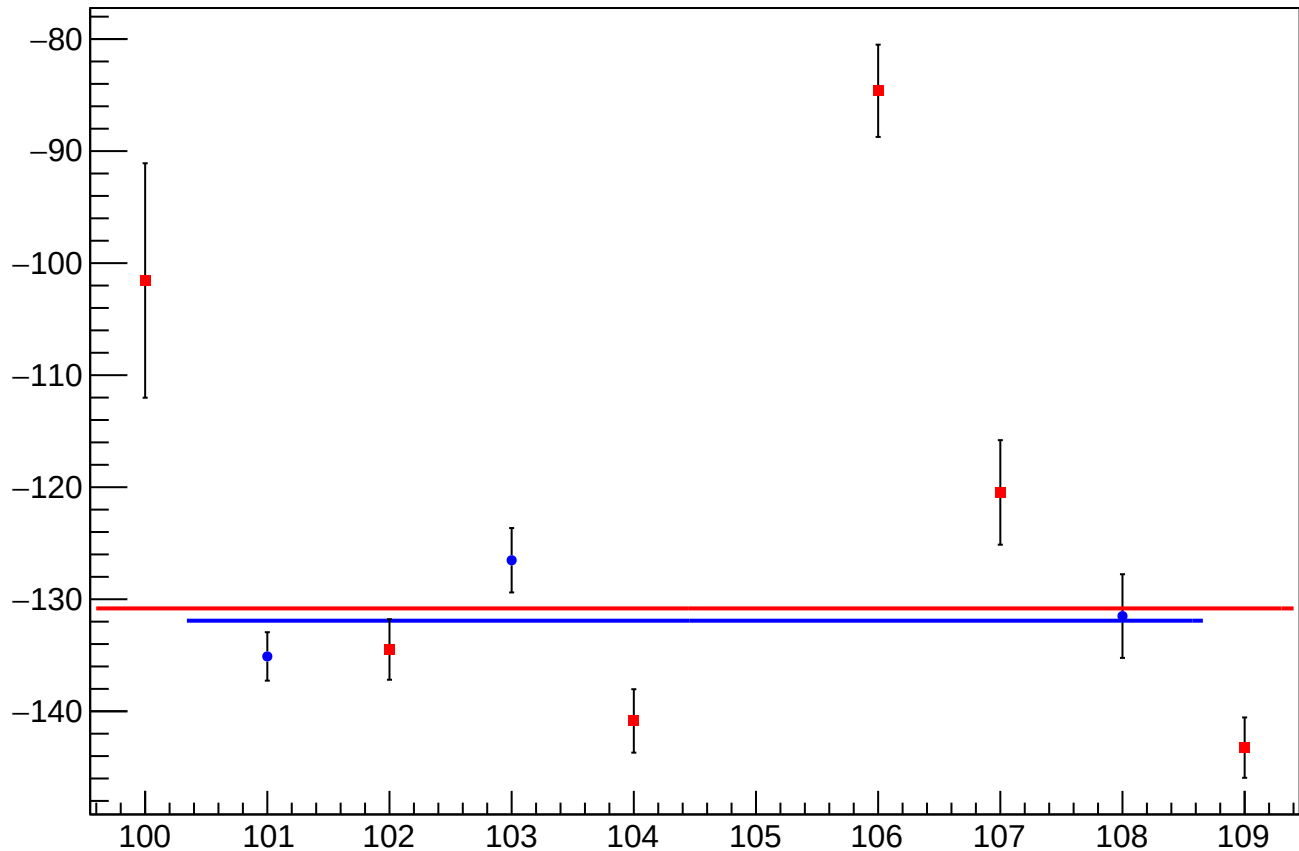
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.897+/-1.111 χ^2/NDF : 984.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -131.914+/-1.568 χ^2/NDF : 5.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.819+/-1.395 χ^2/NDF : 174.4/5

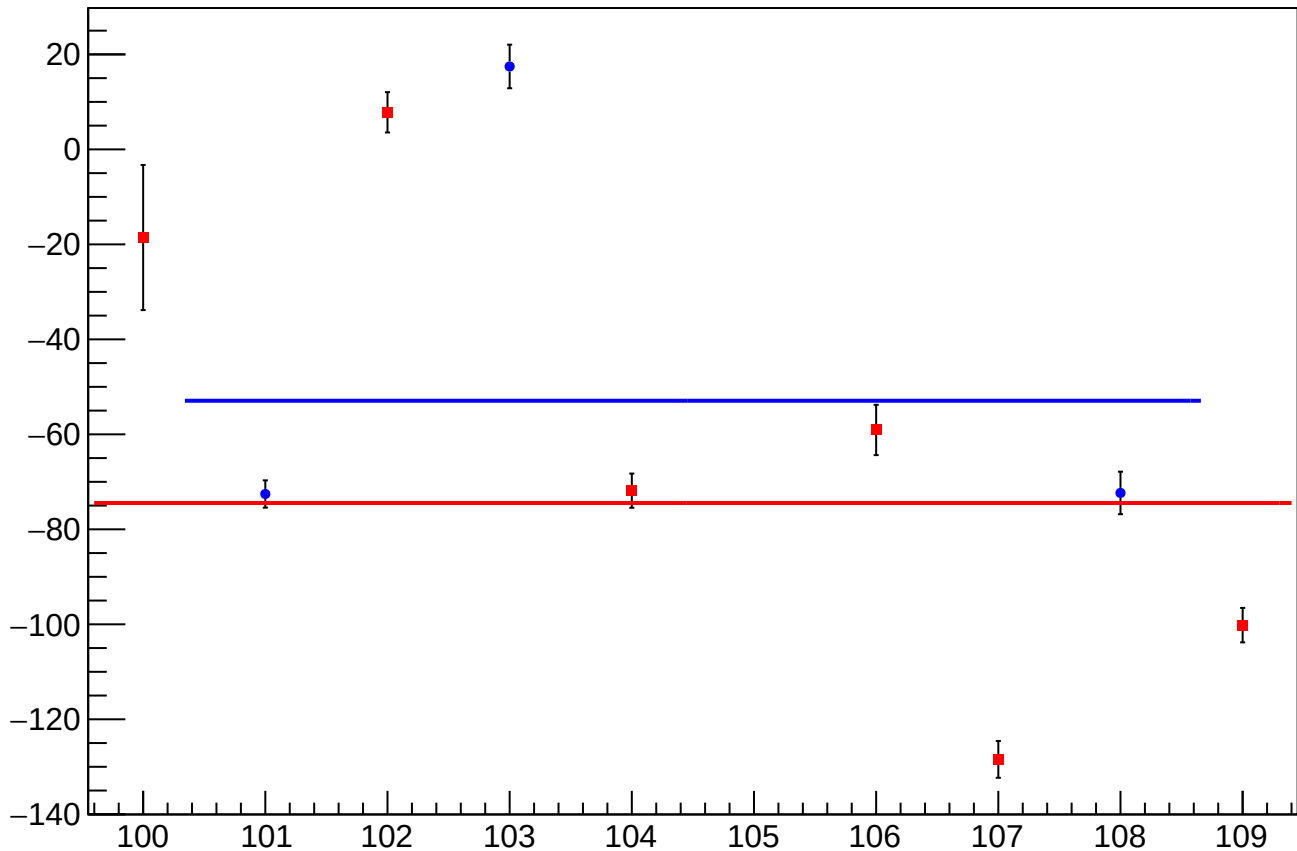
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.303+/-1.042 χ^2/NDF : 180.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -52.924 ± 2.140 χ^2/NDF : 300.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.456 ± 1.781 χ^2/NDF : 642.8/5

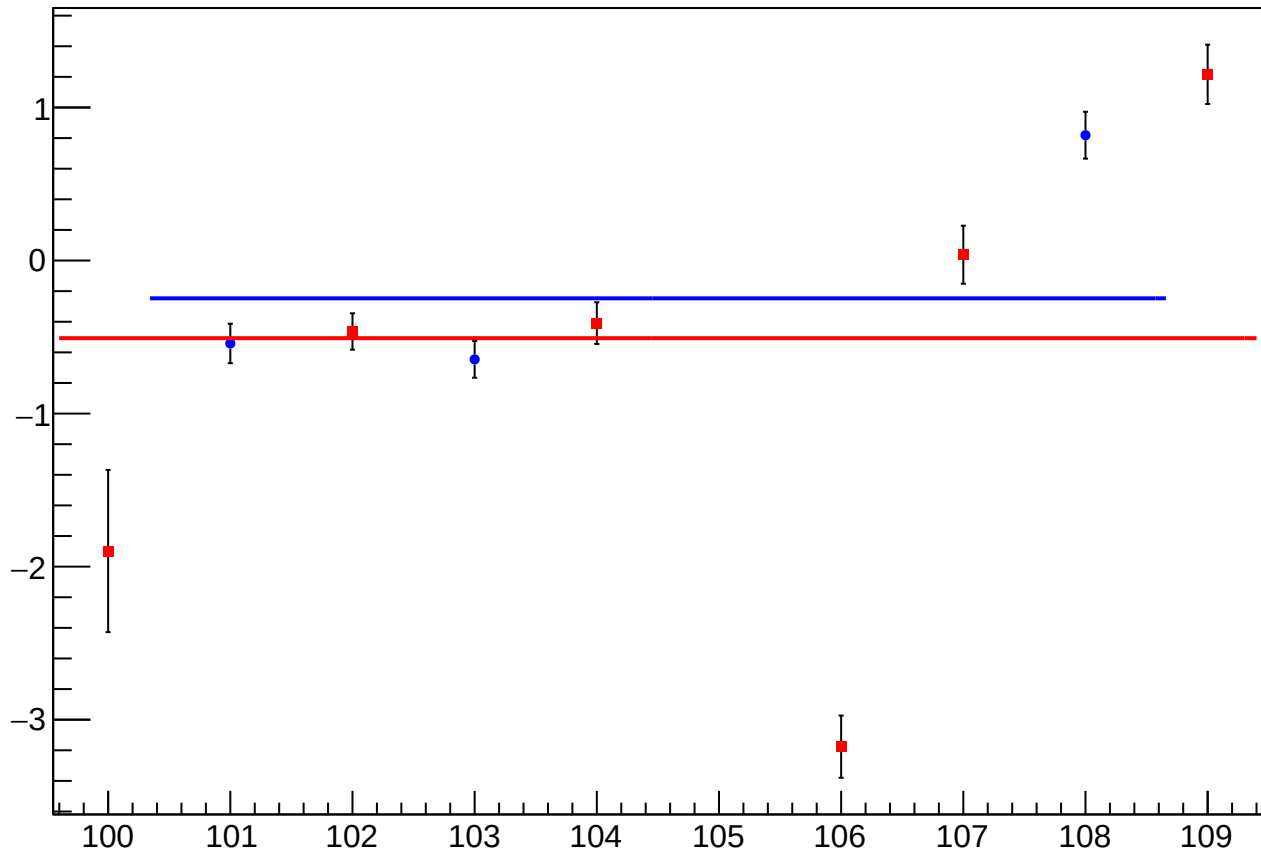
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.644 ± 1.369 χ^2/NDF : 1003.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: -0.247 $\pm$ 0.076 χ^2 /NDF: 64.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.507 $\pm$ 0.069 χ^2 /NDF: 267.0/5

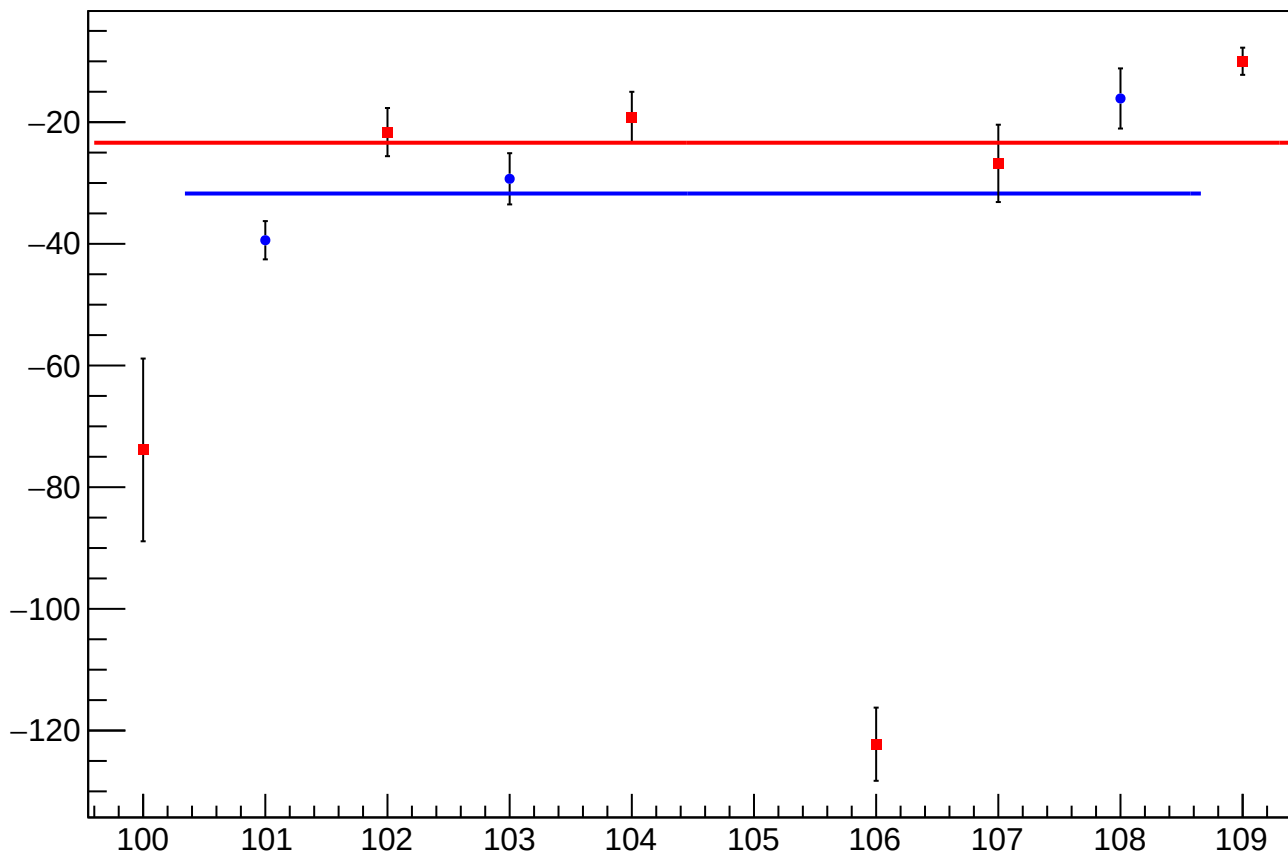
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.389 $\pm$ 0.051 χ^2 /NDF: 338.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -31.728+/-2.245 χ^2/NDF : 16.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.379+/-1.624 χ^2/NDF : 319.0/5

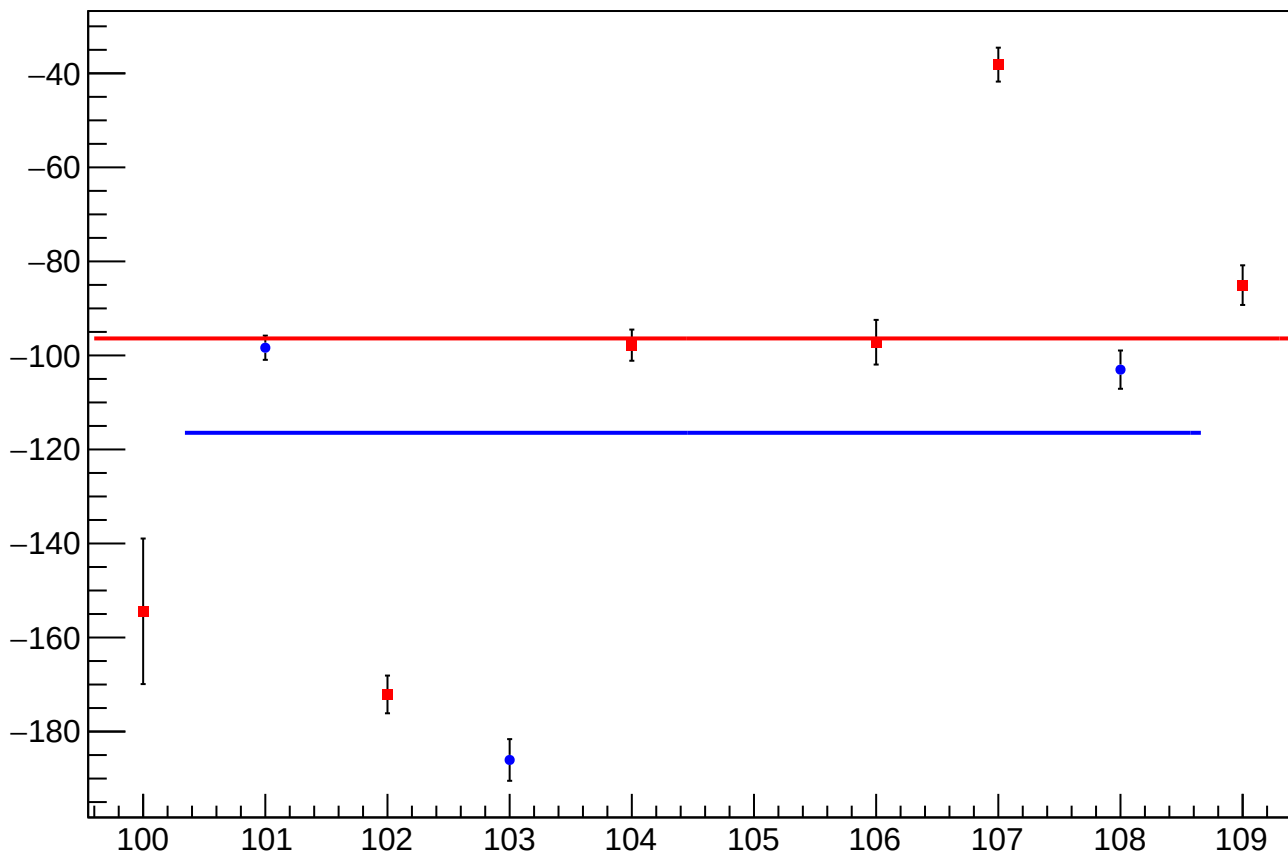
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.248+/-1.316 χ^2/NDF : 344.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -116.457+/-1.953 χ^2/NDF : 306.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -96.387+/-1.729 χ^2/NDF : 638.3/5

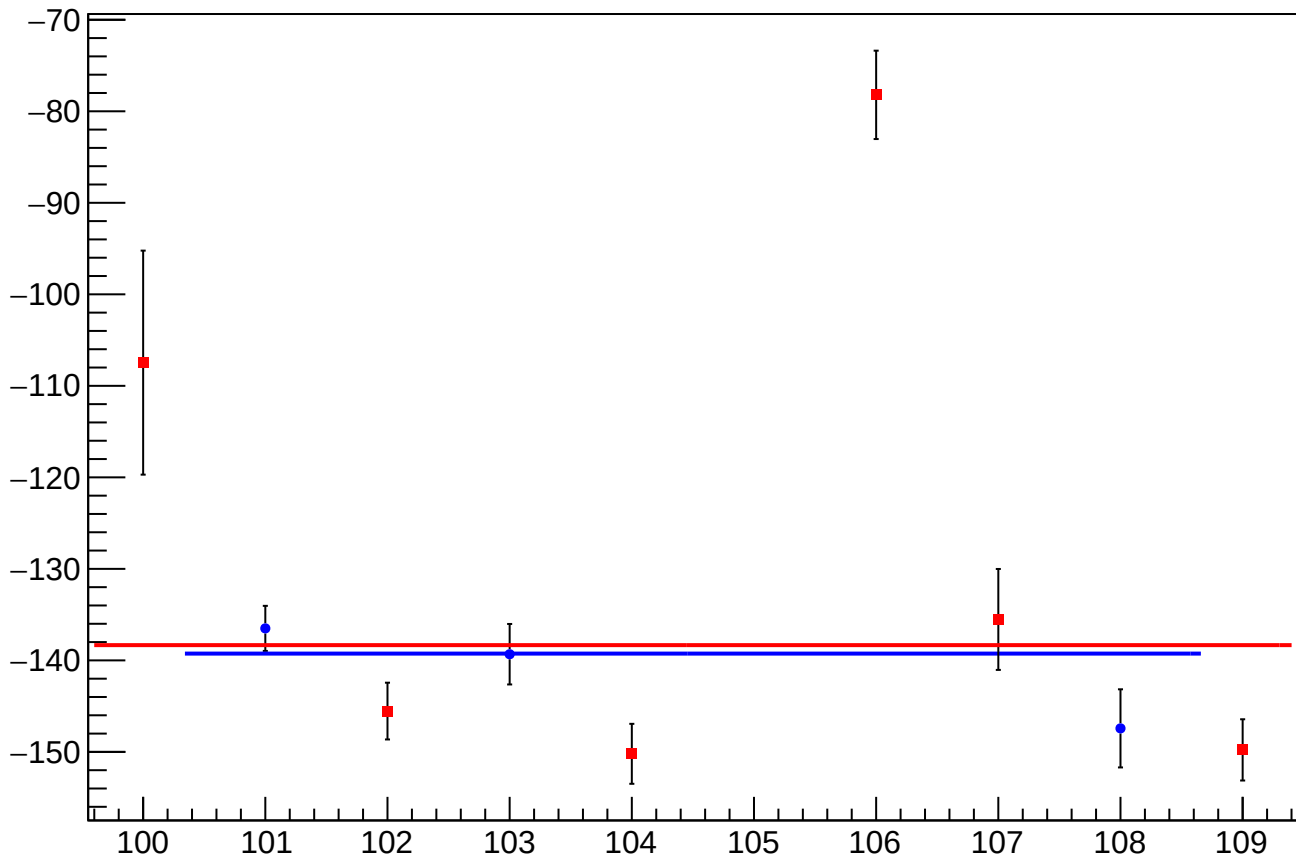
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.203+/-1.294 χ^2/NDF : 1004.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -139.258 ± 1.792 χ^2/NDF : 4.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -138.334 ± 1.646 χ^2/NDF : 192.0/5

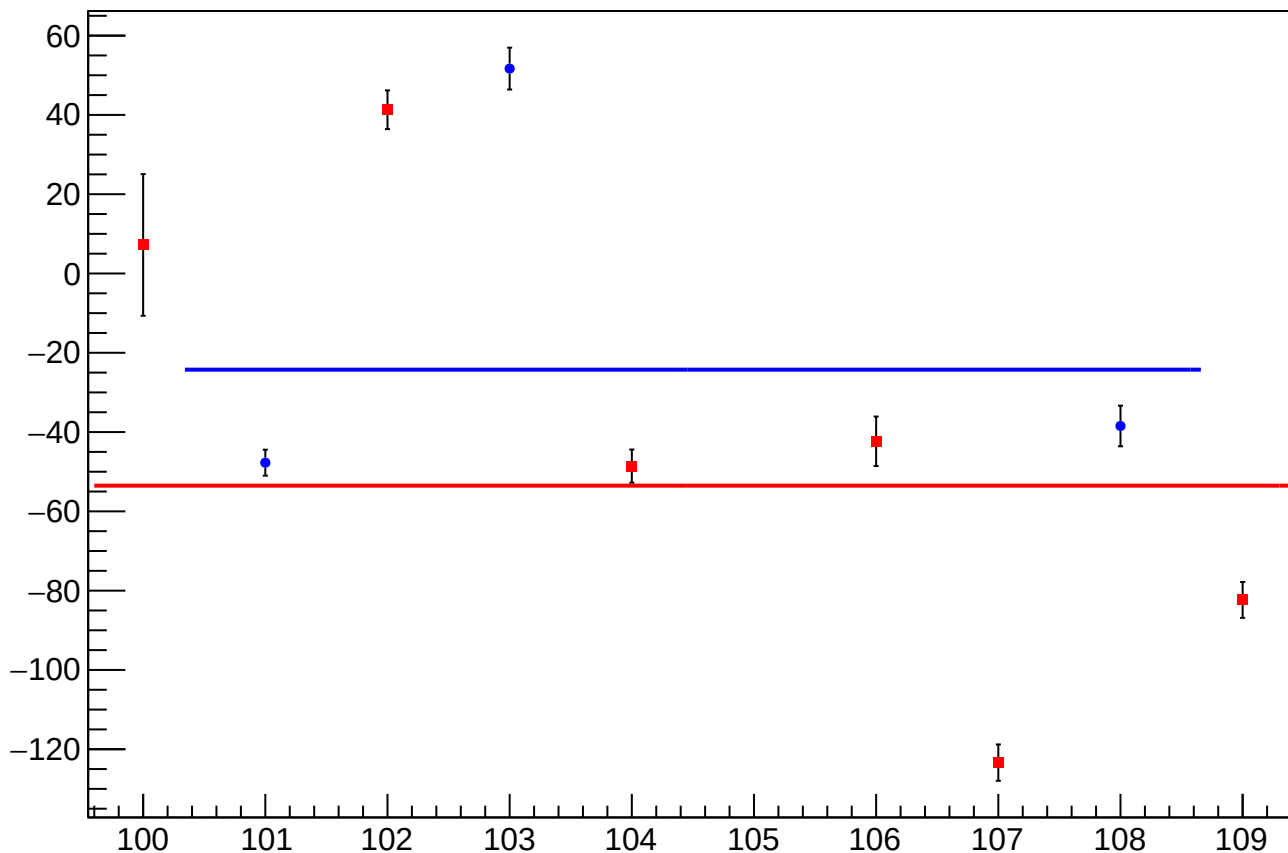
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -138.757 ± 1.212 χ^2/NDF : 197.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -24.257+/-2.447 χ^2/NDF : 265.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.516+/-2.112 χ^2/NDF : 665.1/5

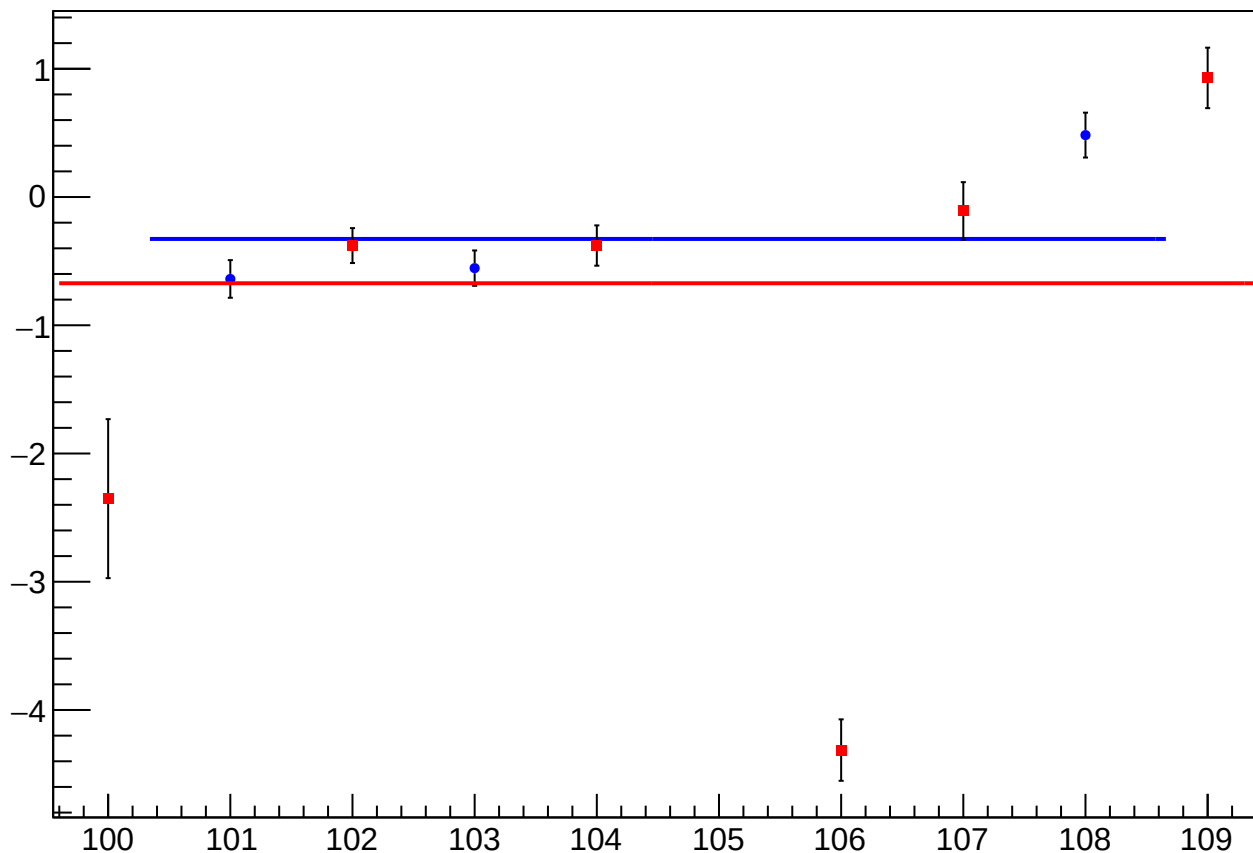
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.025+/-1.599 χ^2/NDF : 1012.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.327 ± 0.087 $\chi^2/\text{NDF}: 28.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.672 ± 0.081 $\chi^2/\text{NDF}: 298.8/5$

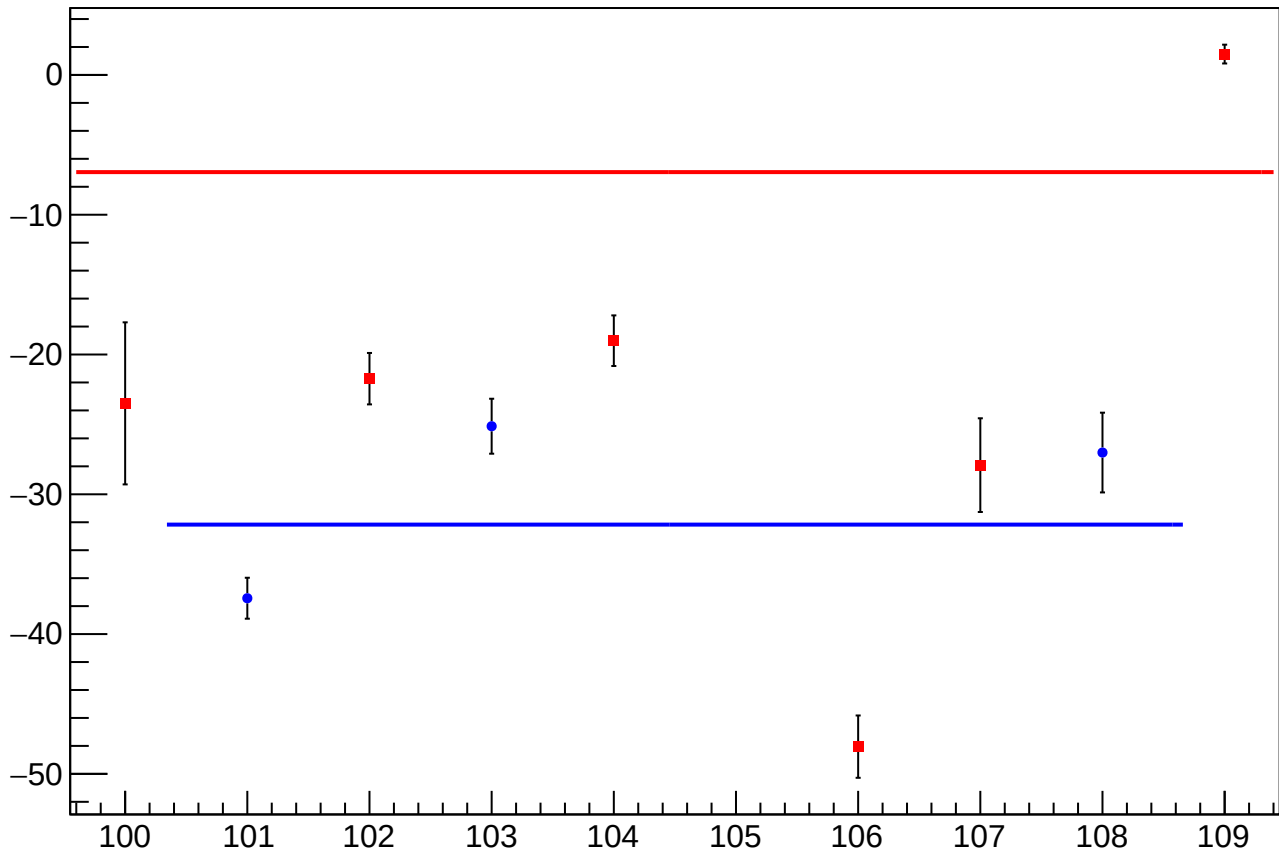
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.512 ± 0.059 $\chi^2/\text{NDF}: 335.9/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -32.169 $\pm$ 1.086 χ^2 /NDF: 29.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.951 $\pm$ 0.565 χ^2 /NDF: 653.9/5

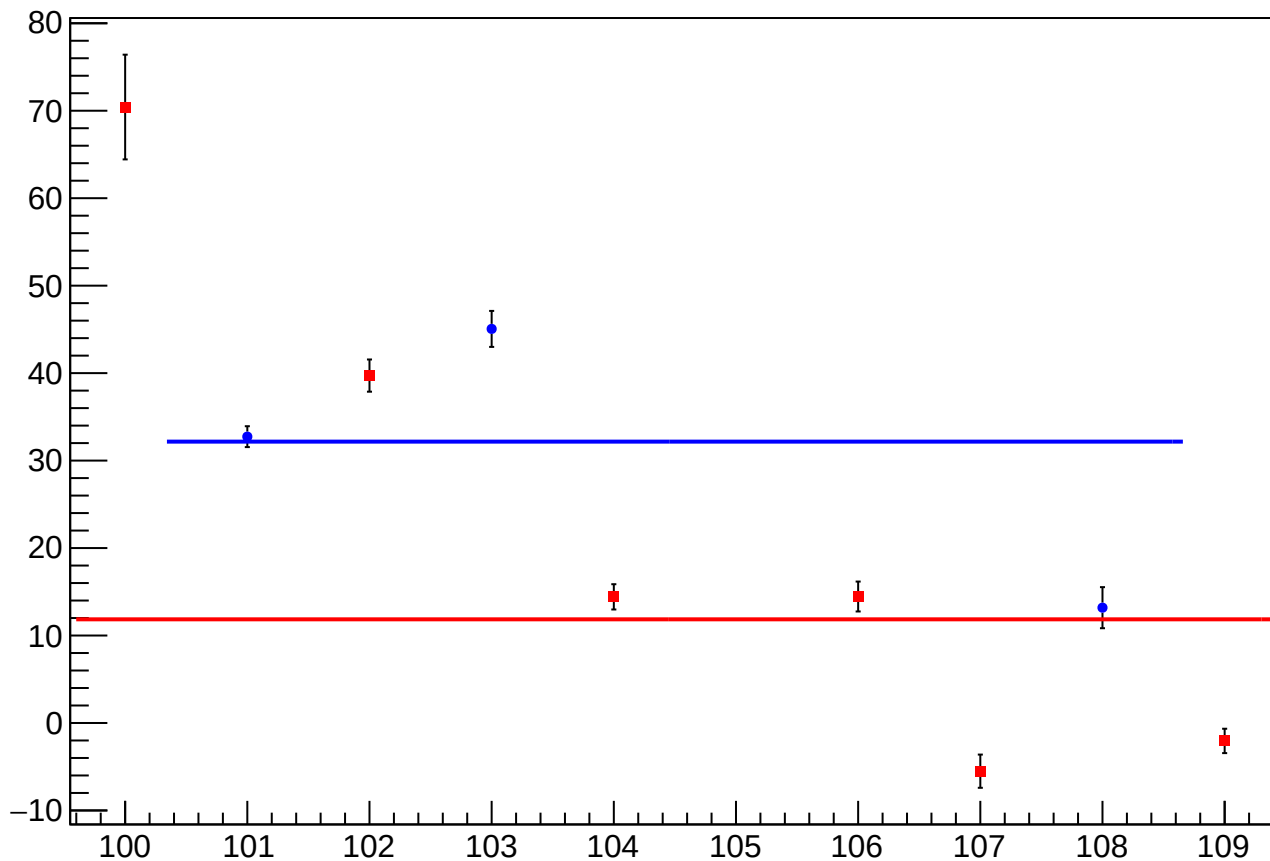
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.321 $\pm$ 0.501 χ^2 /NDF: 1107.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: 32.169 $\pm$ 0.945 χ^2 /NDF: 104.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.852 $\pm$ 0.719 χ^2 /NDF: 513.5/5

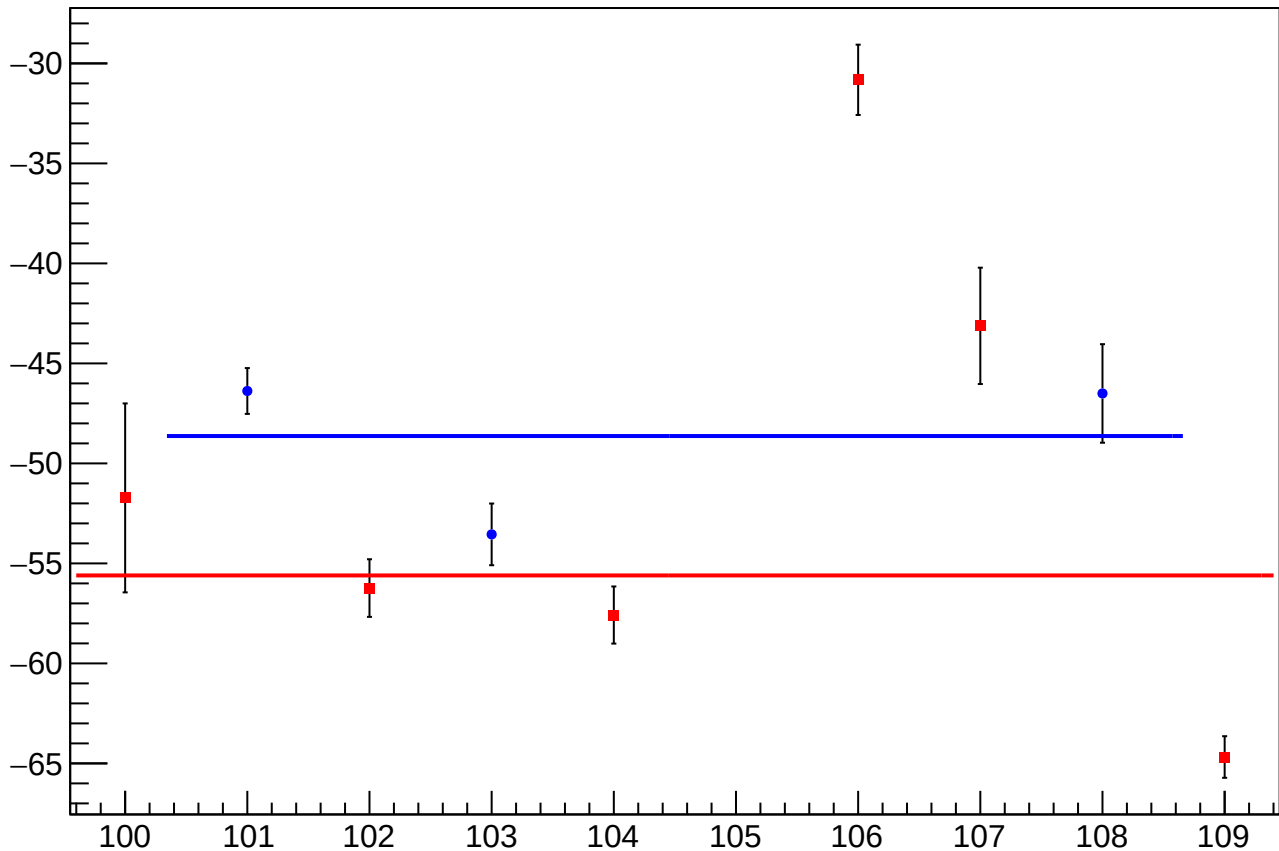
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.296 $\pm$ 0.572 χ^2 /NDF: 911.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -48.632 ± 0.862 χ^2/NDF : 14.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -55.602 ± 0.648 χ^2/NDF : 296.3/5

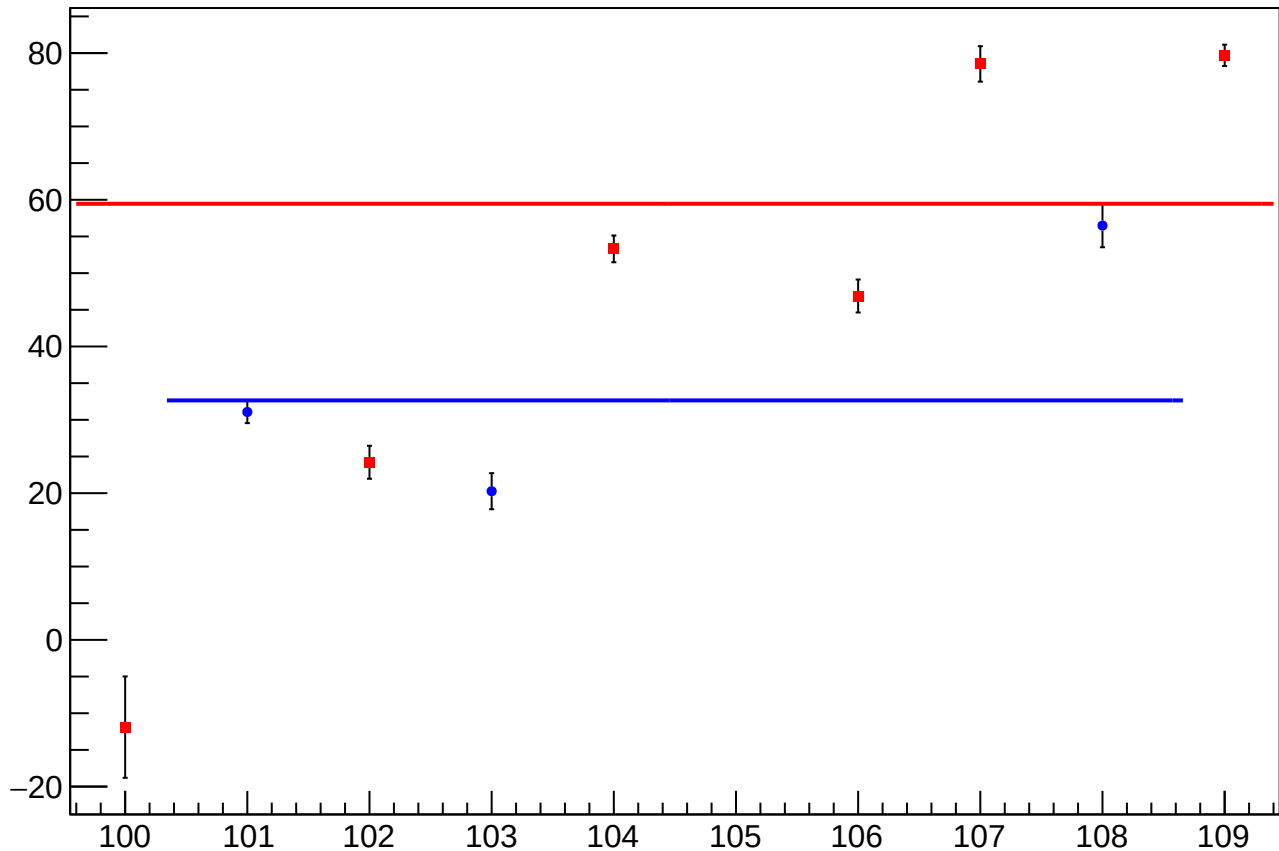
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.085 ± 0.518 χ^2/NDF : 352.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 32.647 $\pm$ 1.185 χ^2 /NDF: 91.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.456 $\pm$ 0.858 χ^2 /NDF: 649.6/5

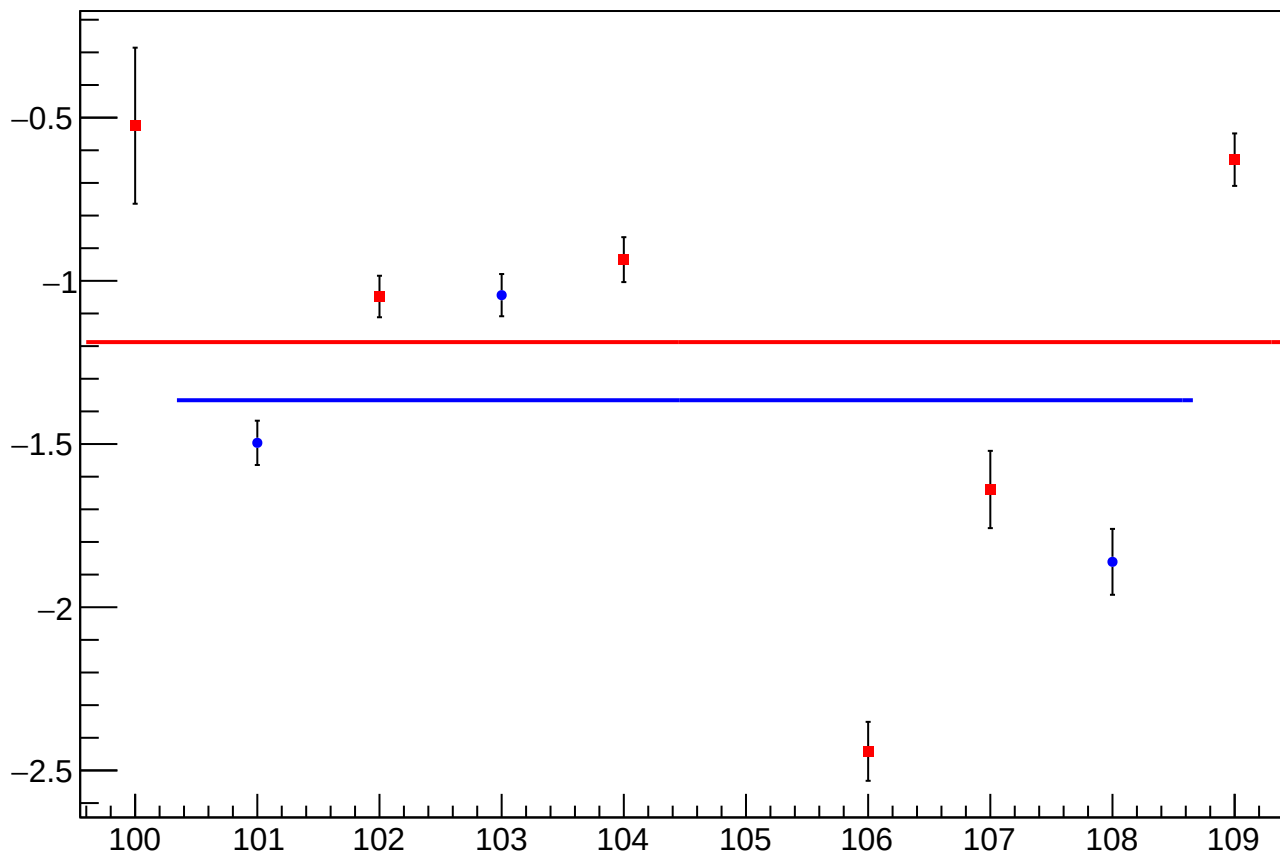
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.237 $\pm$ 0.695 χ^2 /NDF: 1077.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -1.366 $\pm$ 0.042 χ^2 /NDF: 52.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.188 $\pm$ 0.035 χ^2 /NDF: 281.7/5

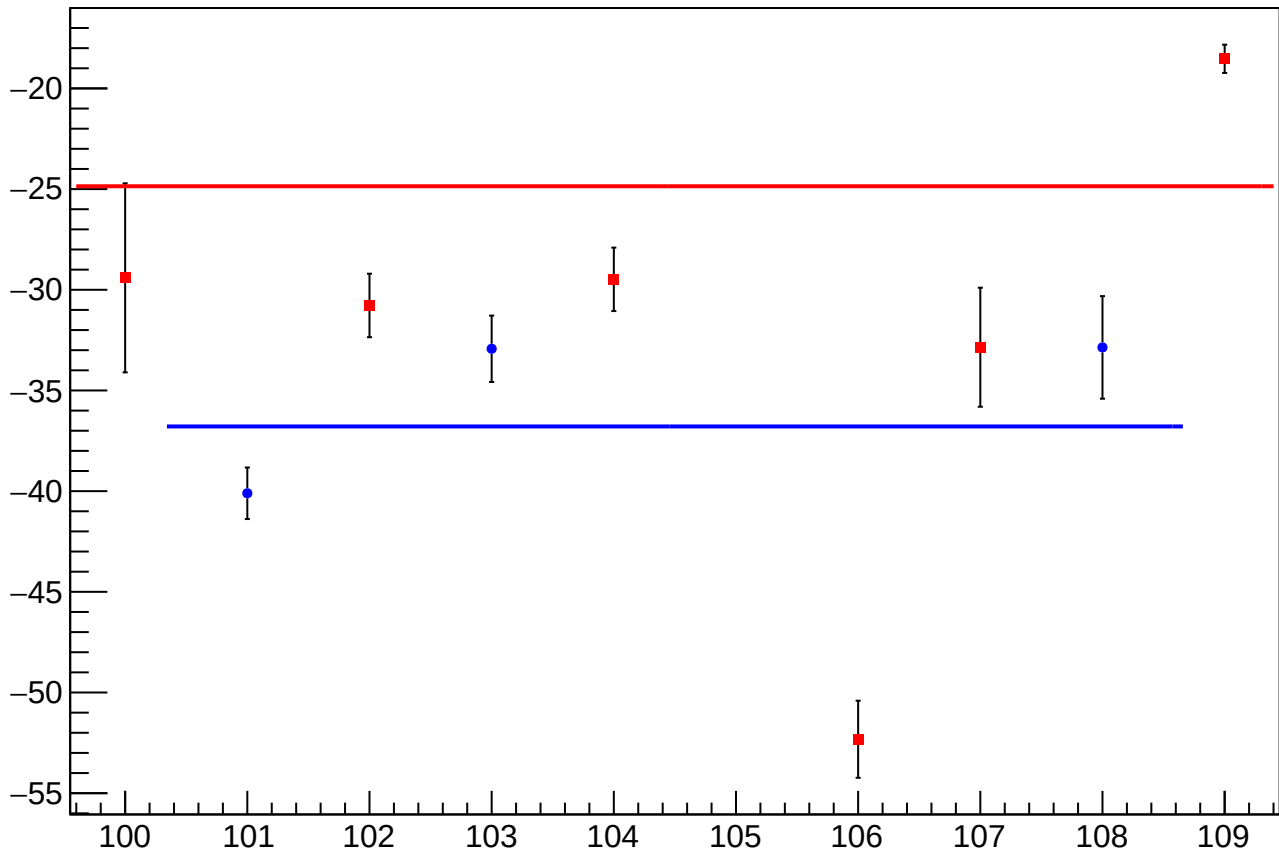
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.259 $\pm$ 0.027 χ^2 /NDF: 344.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -36.787 ± 0.940 χ^2/NDF : 14.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.859 ± 0.553 χ^2/NDF : 318.2/5

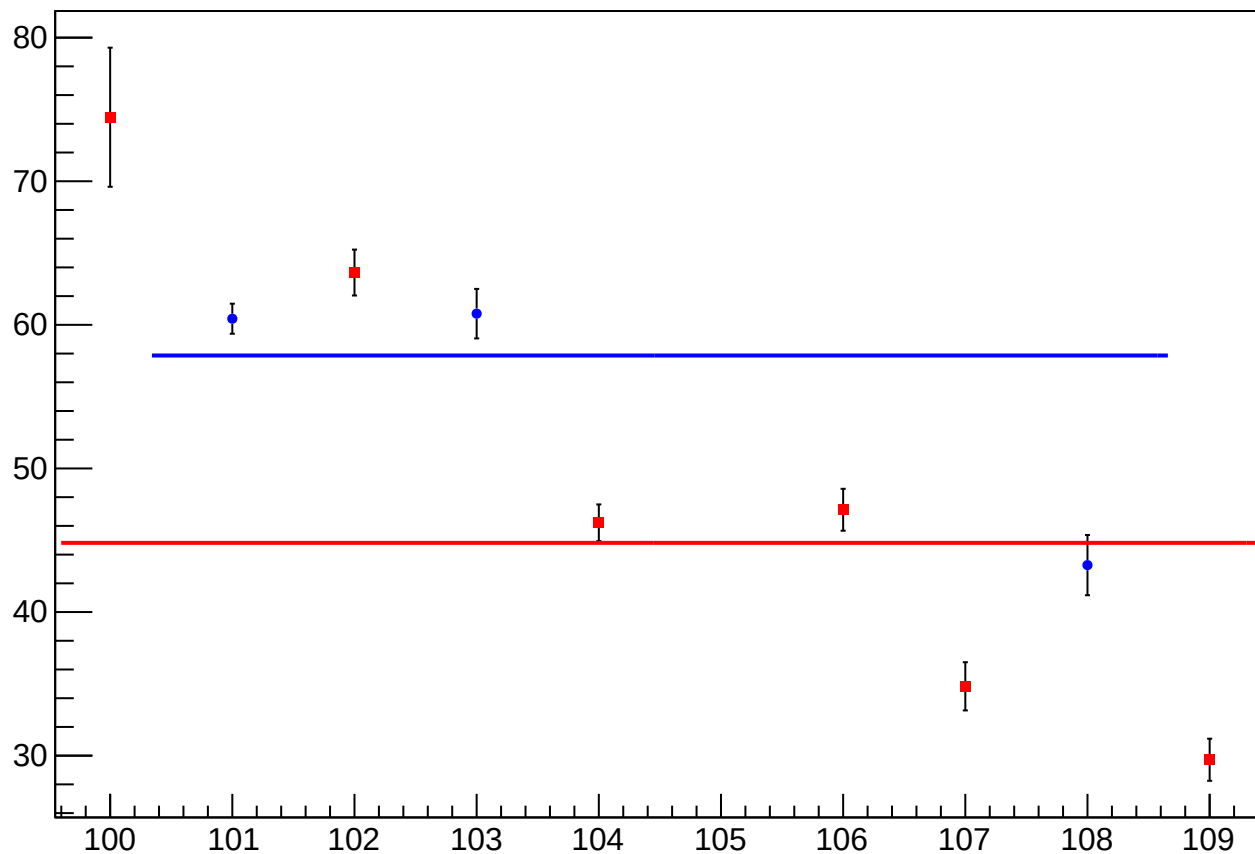
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.928 ± 0.477 χ^2/NDF : 452.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 57.865 $\pm$ 0.823 χ^2 /NDF: 57.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.819 $\pm$ 0.654 χ^2 /NDF: 321.4/5

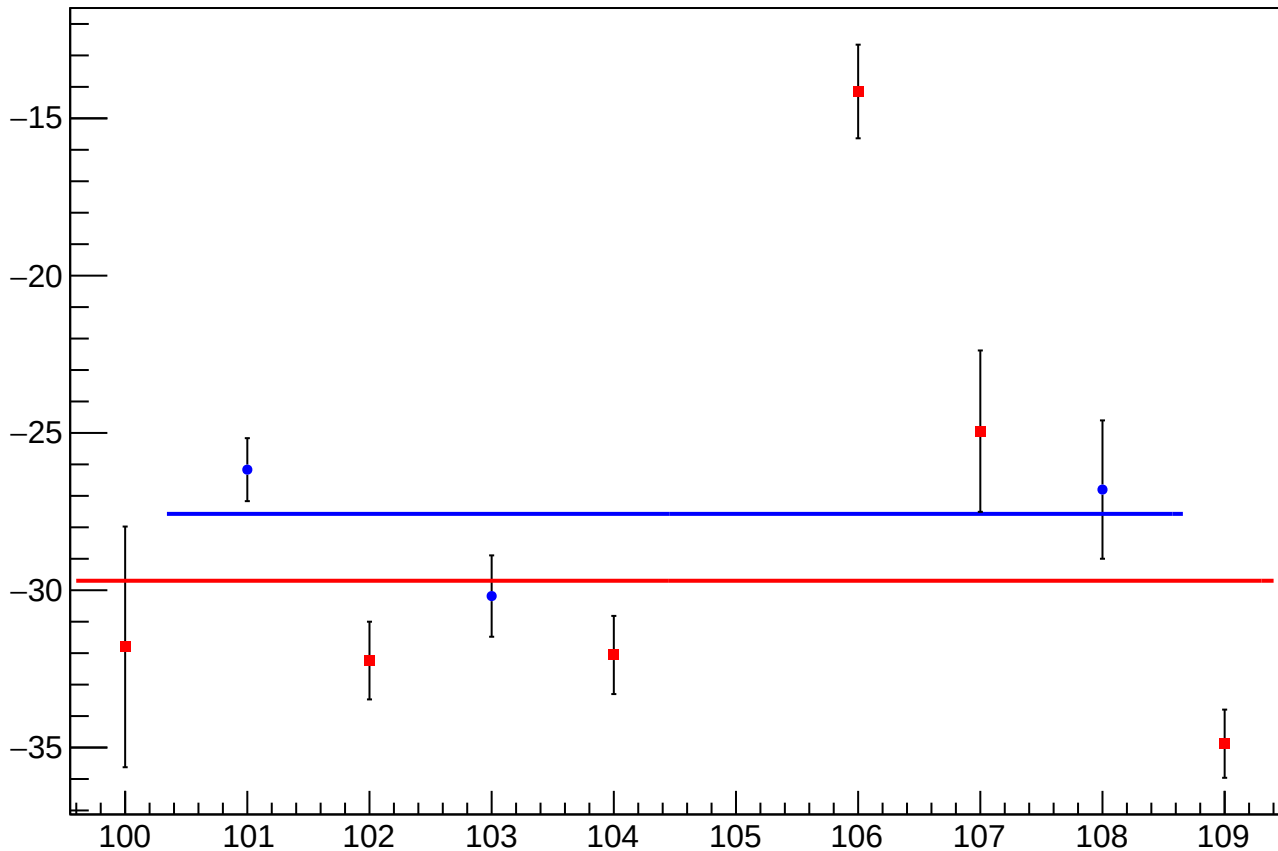
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.868 $\pm$ 0.512 χ^2 /NDF: 532.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -27.573 ± 0.745 χ^2/NDF : 6.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.698 ± 0.595 χ^2/NDF : 143.6/5

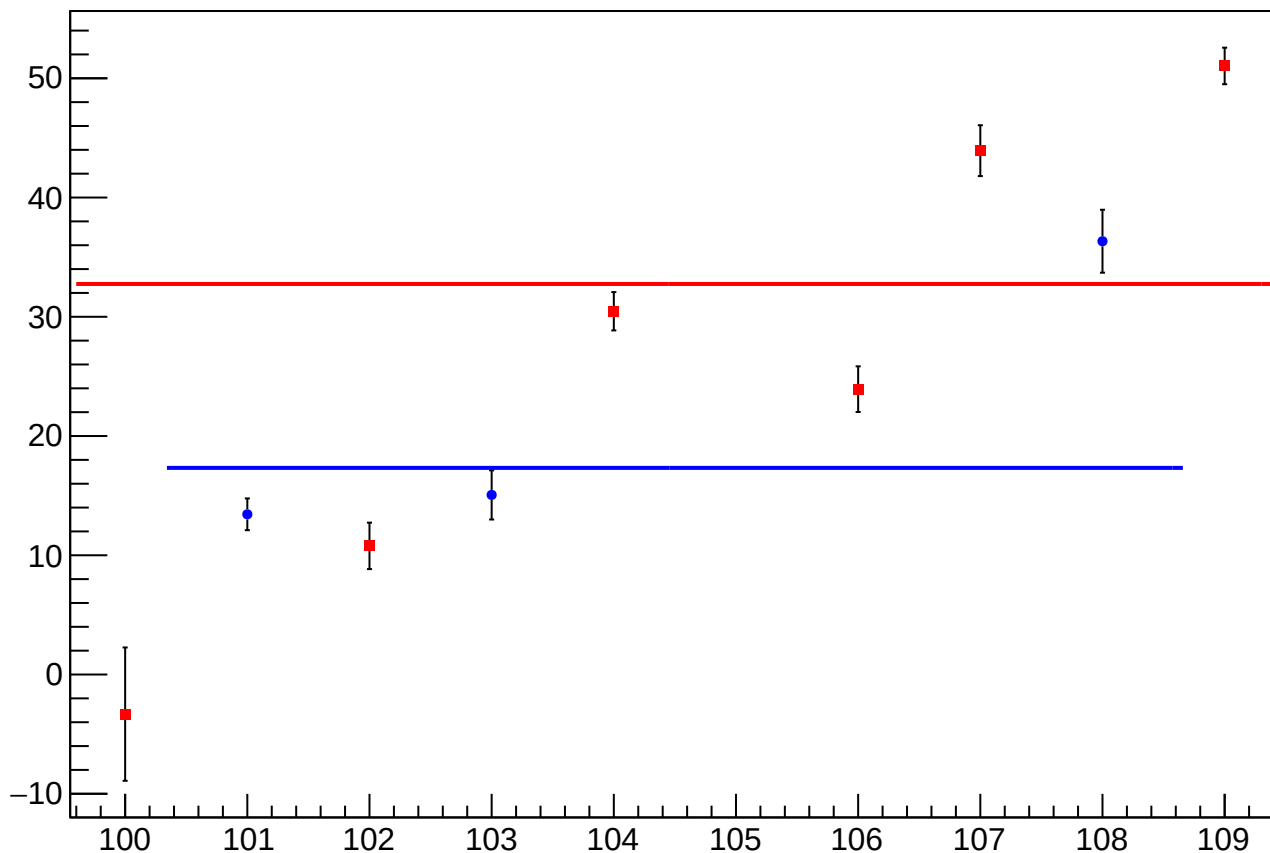
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.871 ± 0.465 χ^2/NDF : 154.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 17.329 $\pm$ 1.030 χ^2 /NDF: 61.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 32.752 $\pm$ 0.790 χ^2 /NDF: 361.8/5

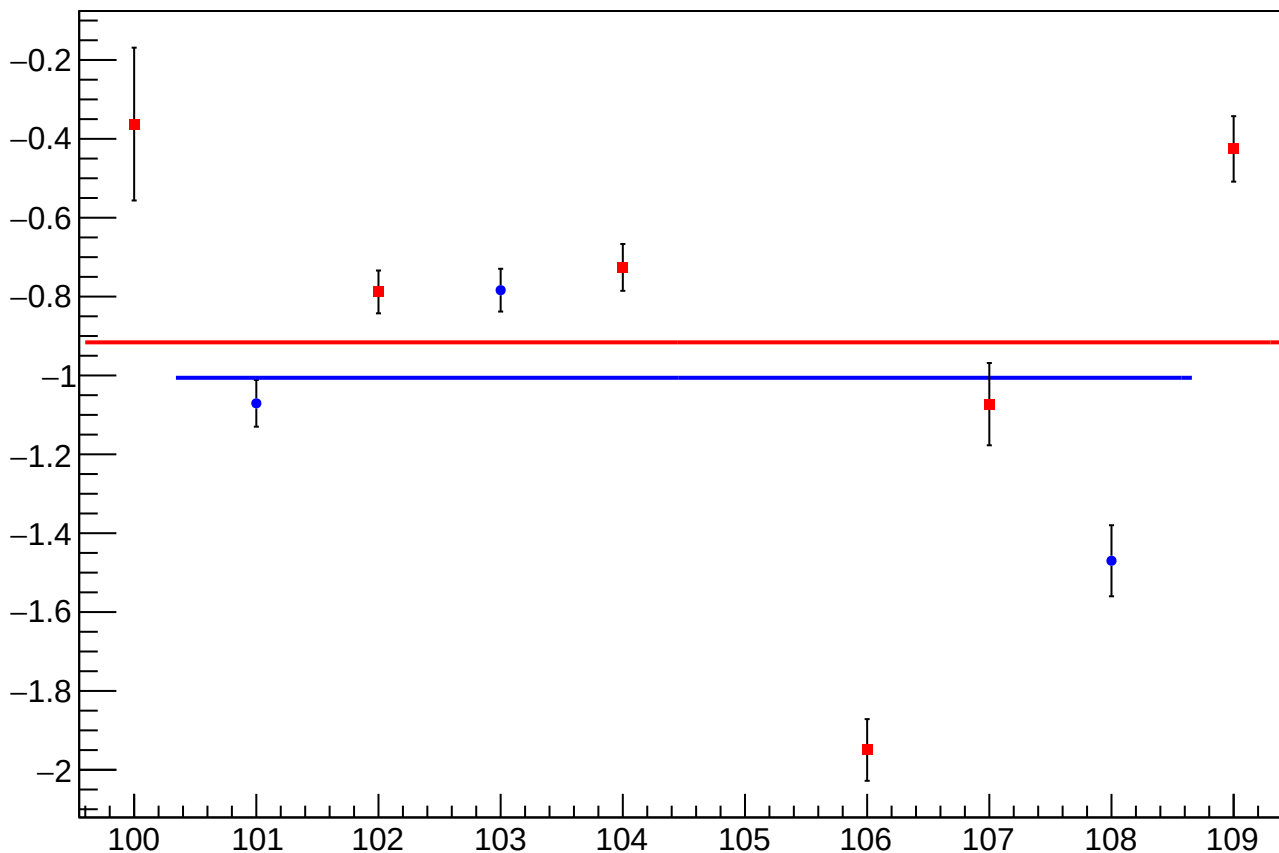
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.037 $\pm$ 0.627 χ^2 /NDF: 564.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -1.006 $\pm$ 0.037 χ^2 /NDF: 44.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.916 $\pm$ 0.031 χ^2 /NDF: 235.7/5

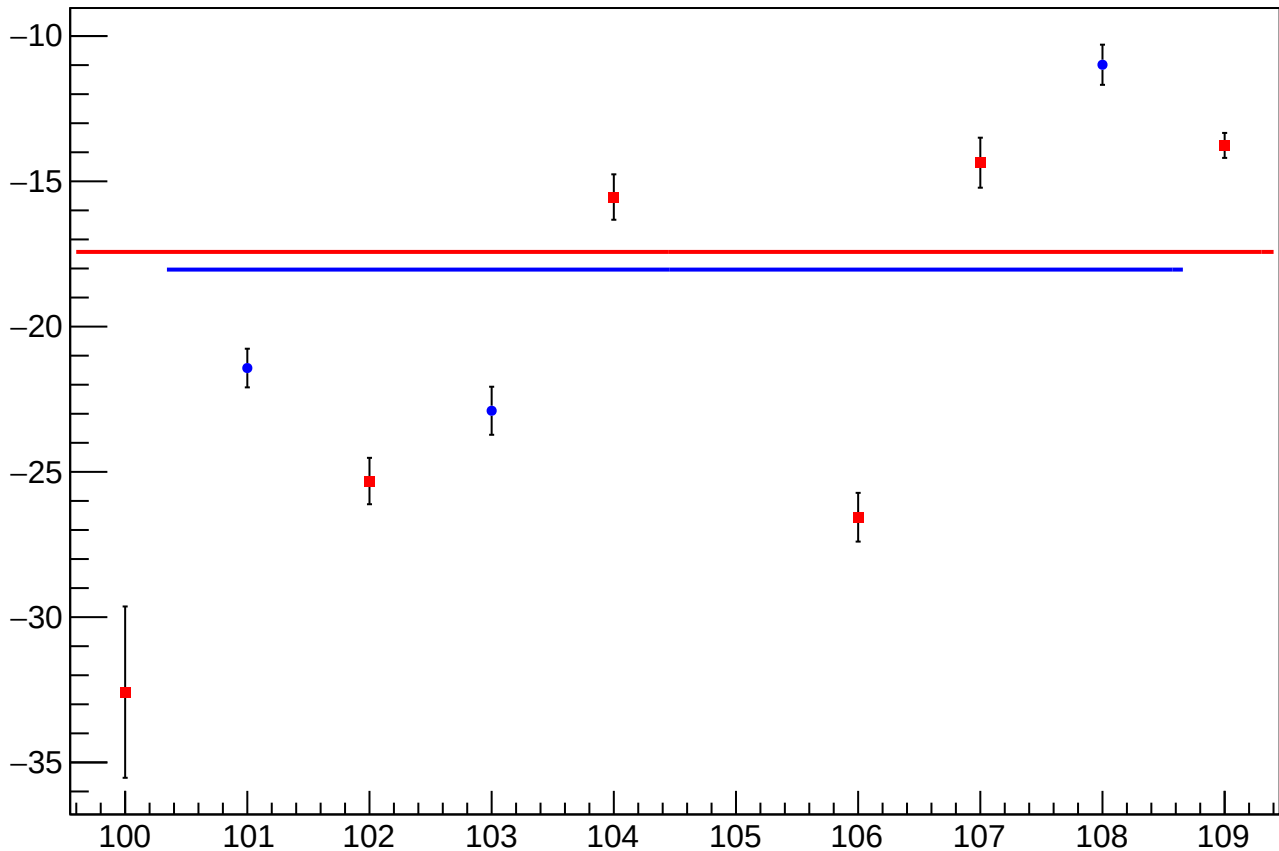
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.953 $\pm$ 0.024 χ^2 /NDF: 283.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -18.038 ± 0.415 $\chi^2/\text{NDF}: 164.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -17.429 ± 0.295 $\chi^2/\text{NDF}: 333.9/5$

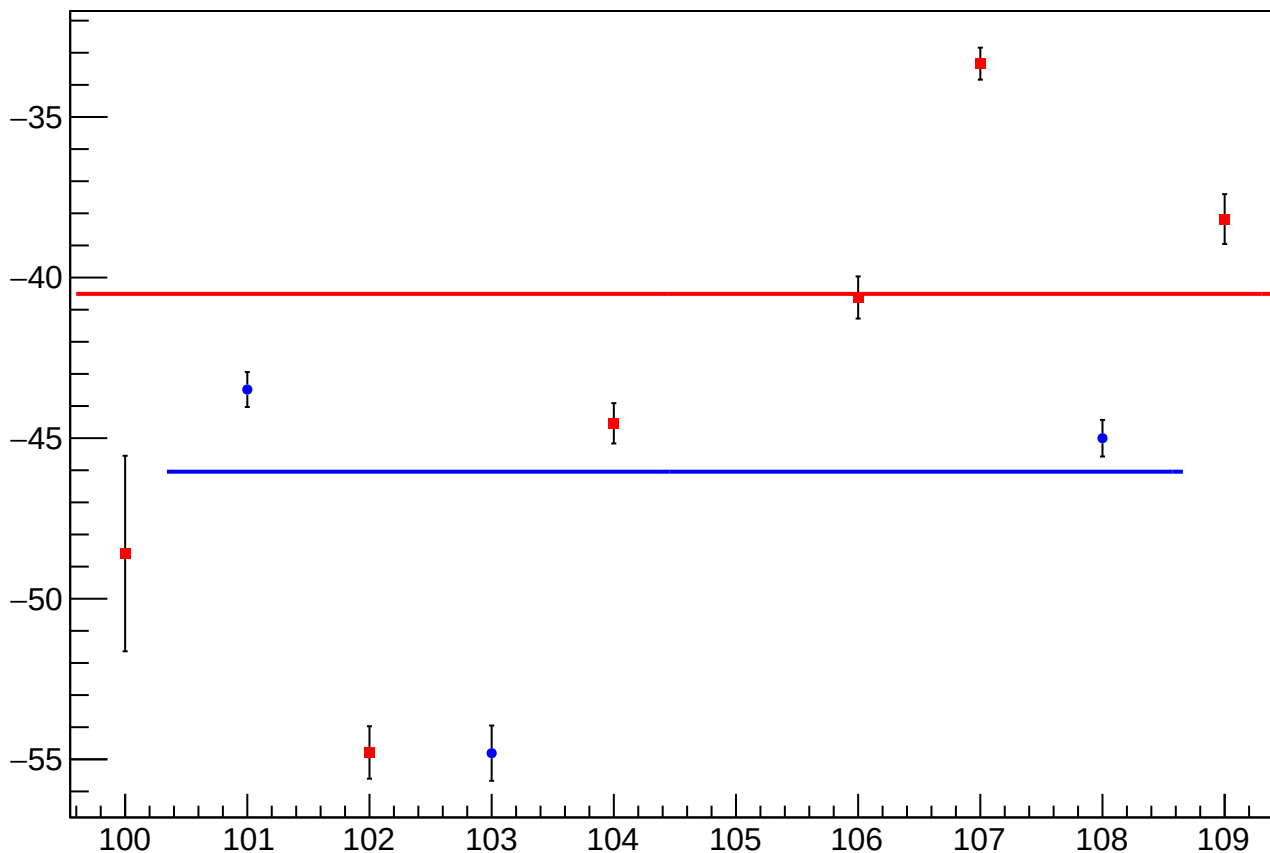
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.634 ± 0.240 $\chi^2/\text{NDF}: 499.8/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -46.044+/-0.358 χ^2/NDF : 129.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -40.508+/-0.287 χ^2/NDF : 570.5/5

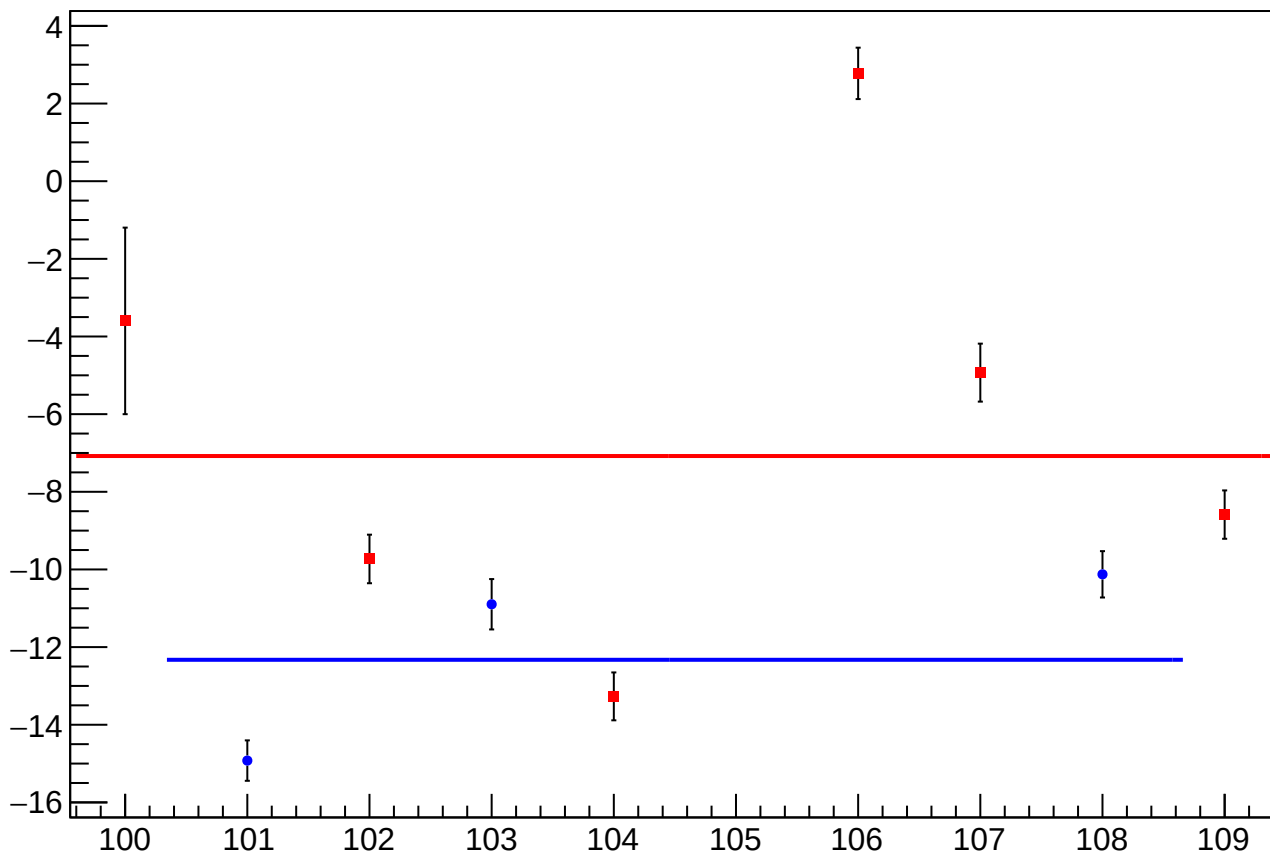
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -42.673+/-0.224 χ^2/NDF : 845.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -12.327 ± 0.336 $\chi^2/\text{NDF}: 43.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.079 ± 0.289 $\chi^2/\text{NDF}: 356.6/5$

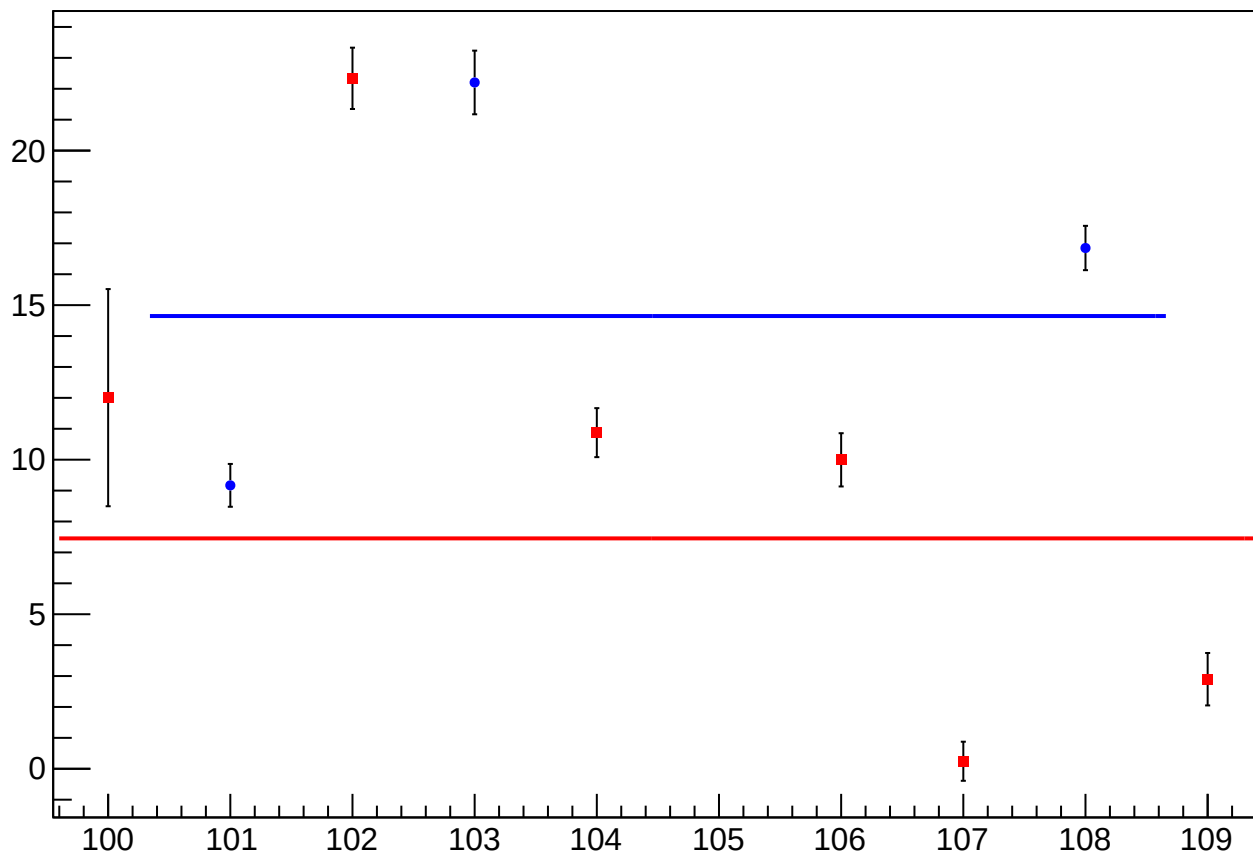
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.308 ± 0.219 $\chi^2/\text{NDF}: 540.5/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: 14.647 $\pm$ 0.449 χ^2 /NDF: 125.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.453 $\pm$ 0.355 χ^2 /NDF: 413.0/5

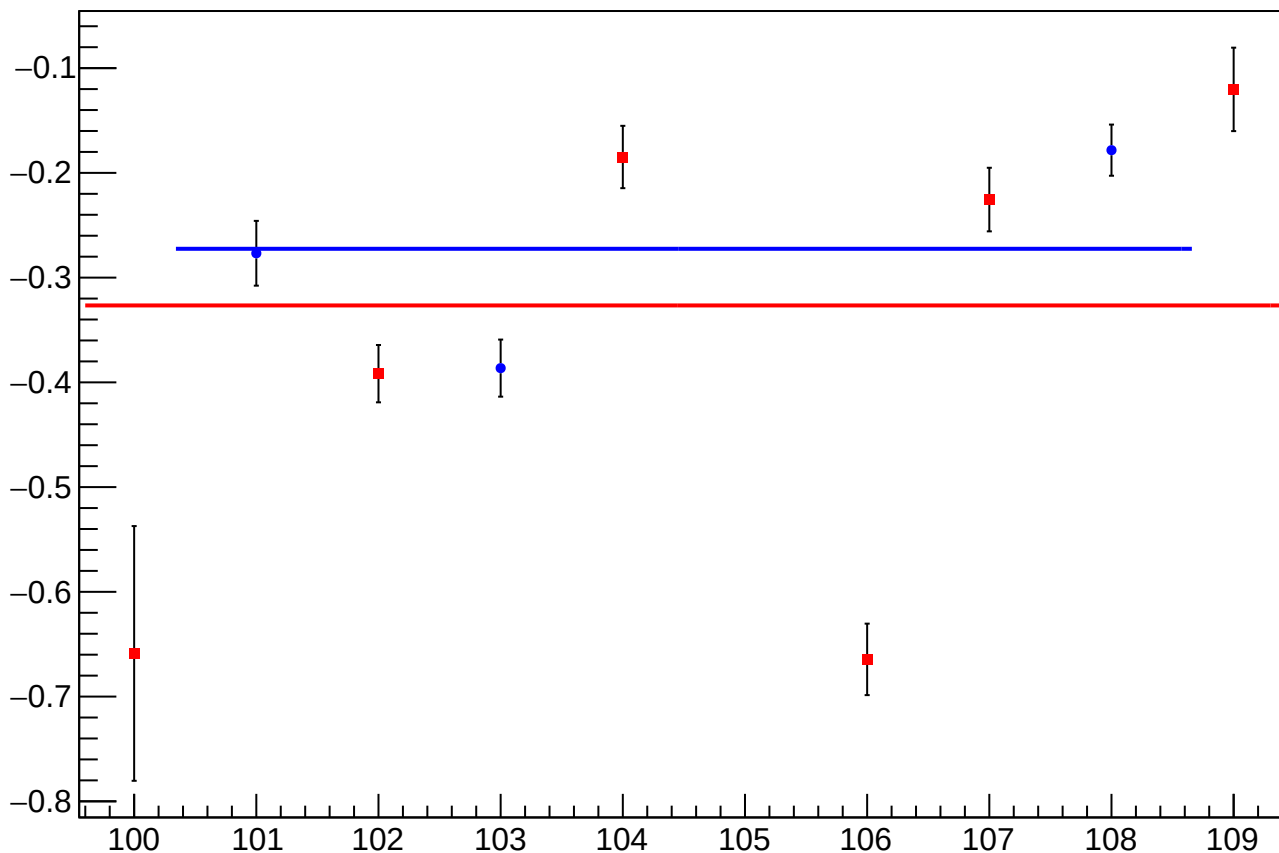
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.226 $\pm$ 0.278 χ^2 /NDF: 696.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.272 ± 0.016 χ^2/NDF : 32.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.327 ± 0.014 χ^2/NDF : 171.8/5

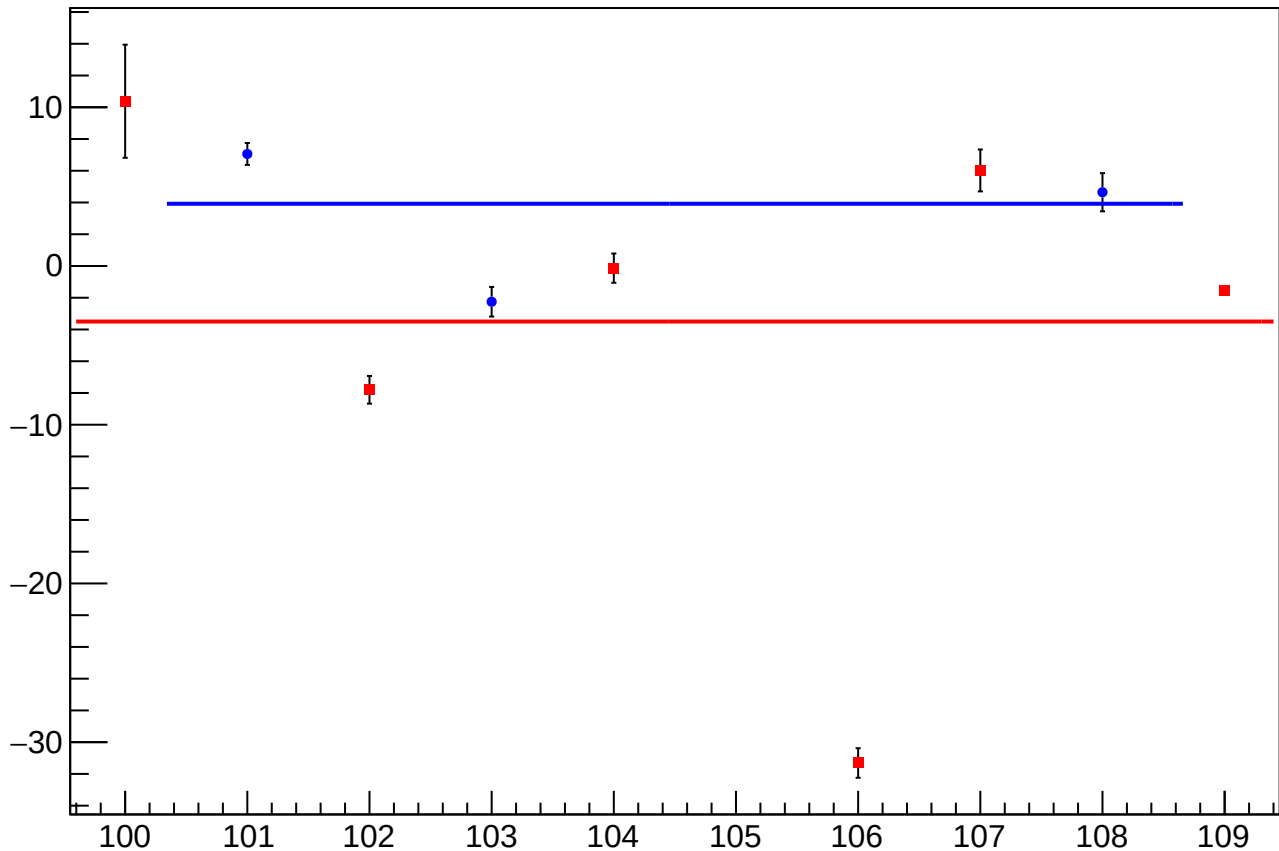
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.303 ± 0.010 χ^2/NDF : 210.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: 3.921 $\pm$ 0.504 χ^2 /NDF: 64.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.499 $\pm$ 0.236 χ^2 /NDF: 1047.9/5

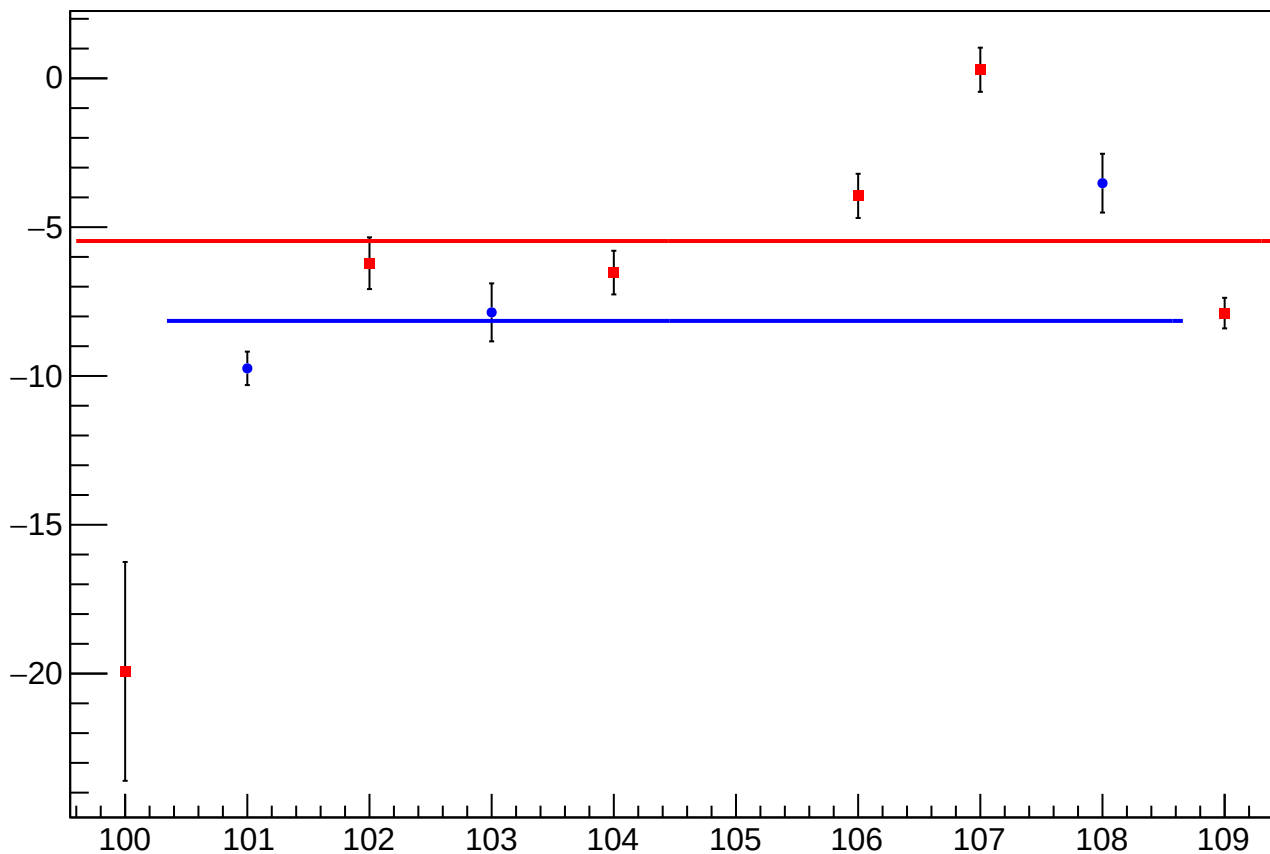
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.169 $\pm$ 0.213 χ^2 /NDF: 1290.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -8.150+/-0.437 χ^2/NDF : 30.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.466+/-0.306 χ^2/NDF : 104.9/5

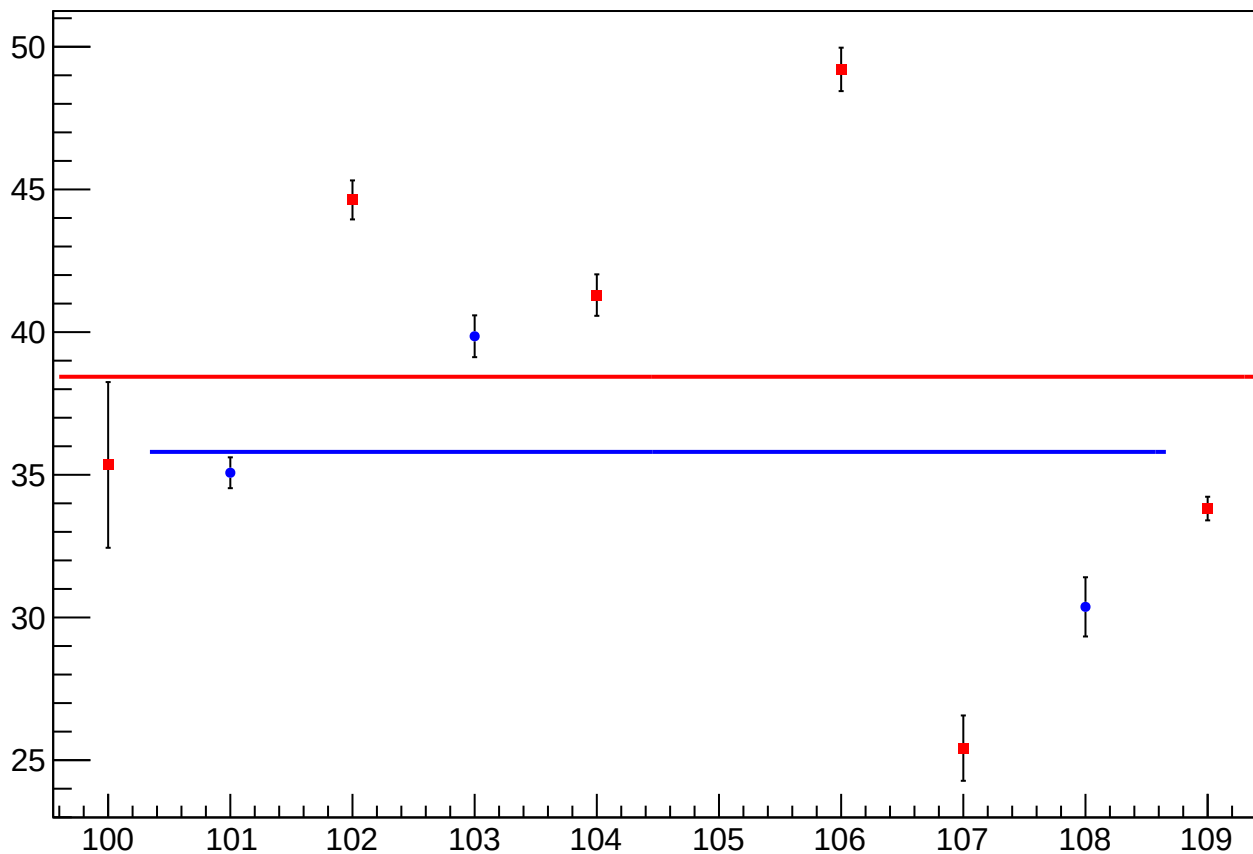
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.350+/-0.251 χ^2/NDF : 160.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 35.803+/-0.401 χ^2/NDF : 59.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 38.436+/-0.283 χ^2/NDF : 552.8/5

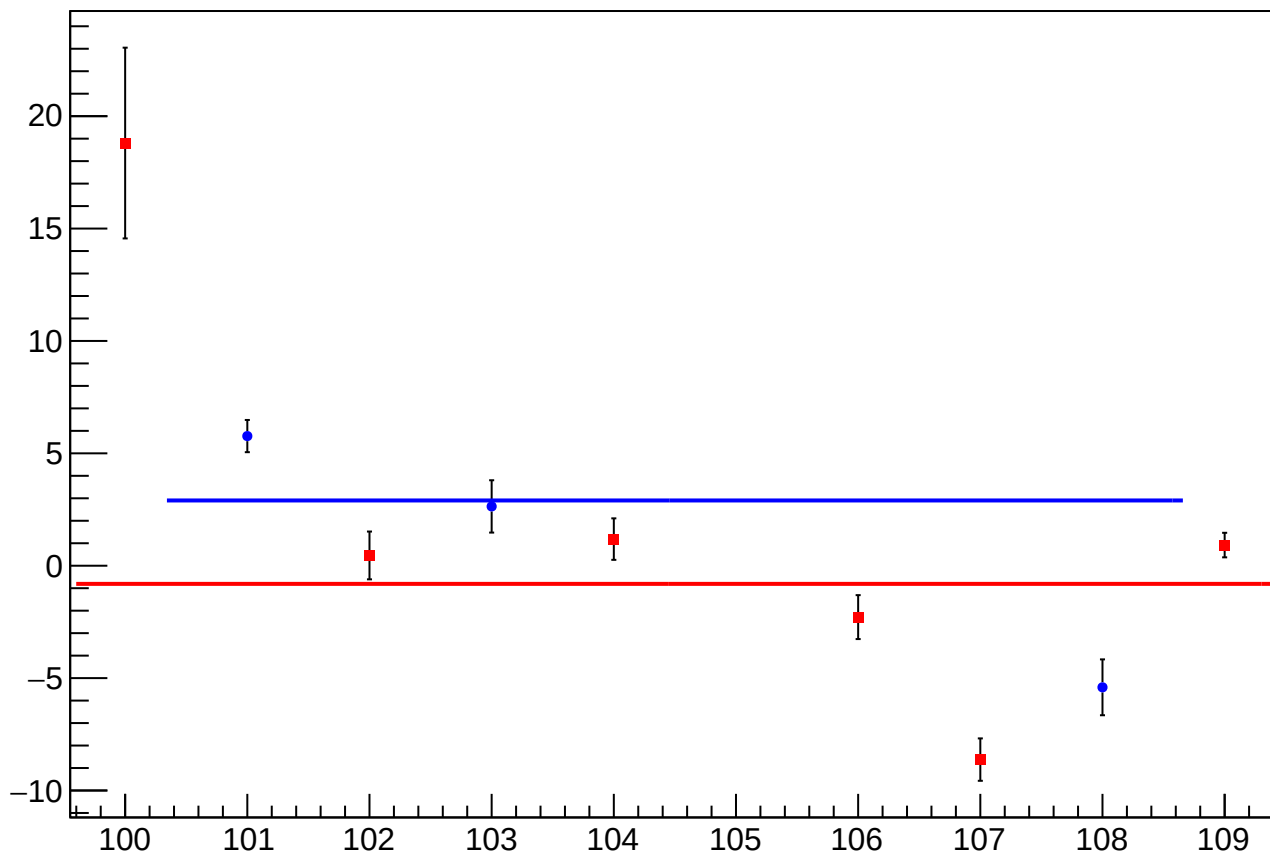
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.561+/-0.231 χ^2/NDF : 641.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 2.903 $\pm$ 0.548 χ^2 /NDF: 60.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.808 $\pm$ 0.362 χ^2 /NDF: 108.4/5

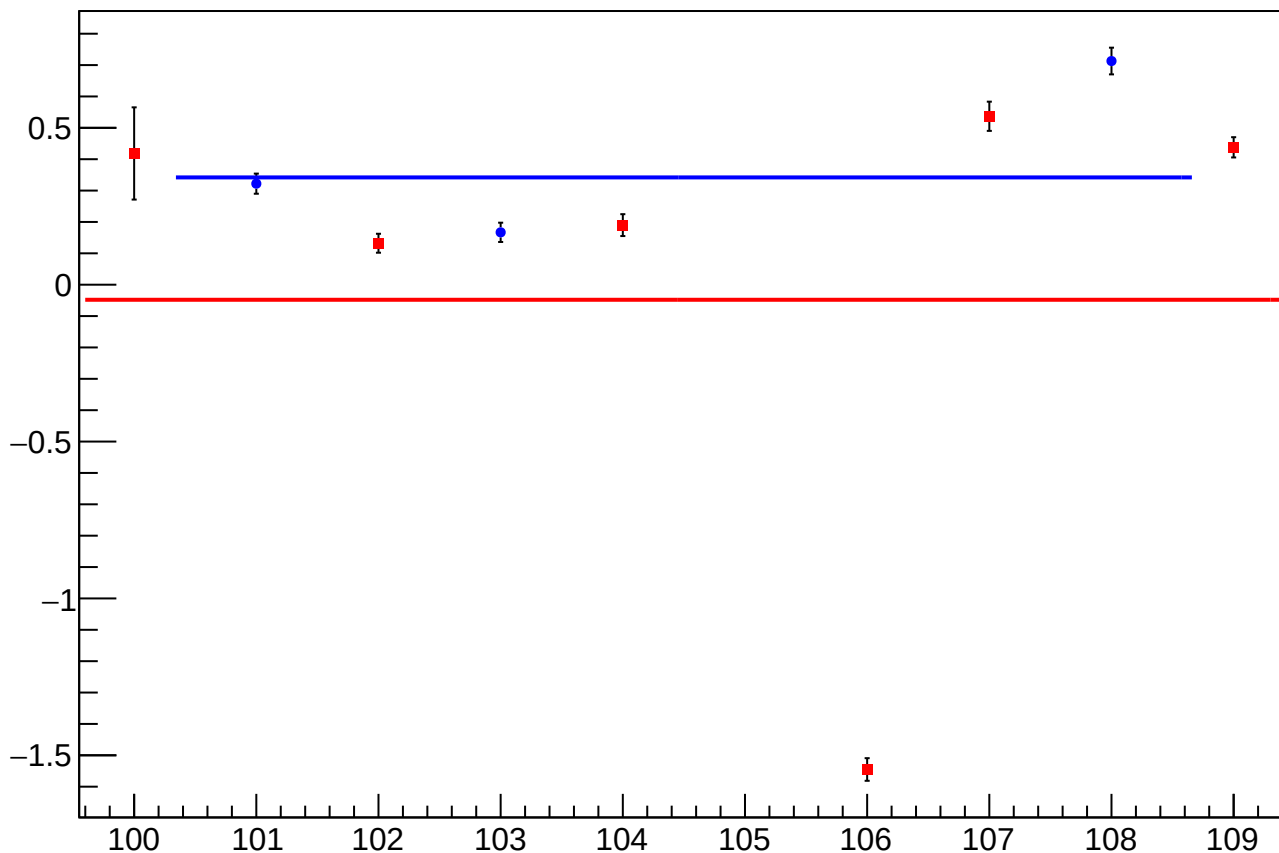
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.319 $\pm$ 0.302 χ^2 /NDF: 201.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.342 $\pm$ 0.020 χ^2 /NDF: 108.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.048 $\pm$ 0.016 χ^2 /NDF: 2199.4/5

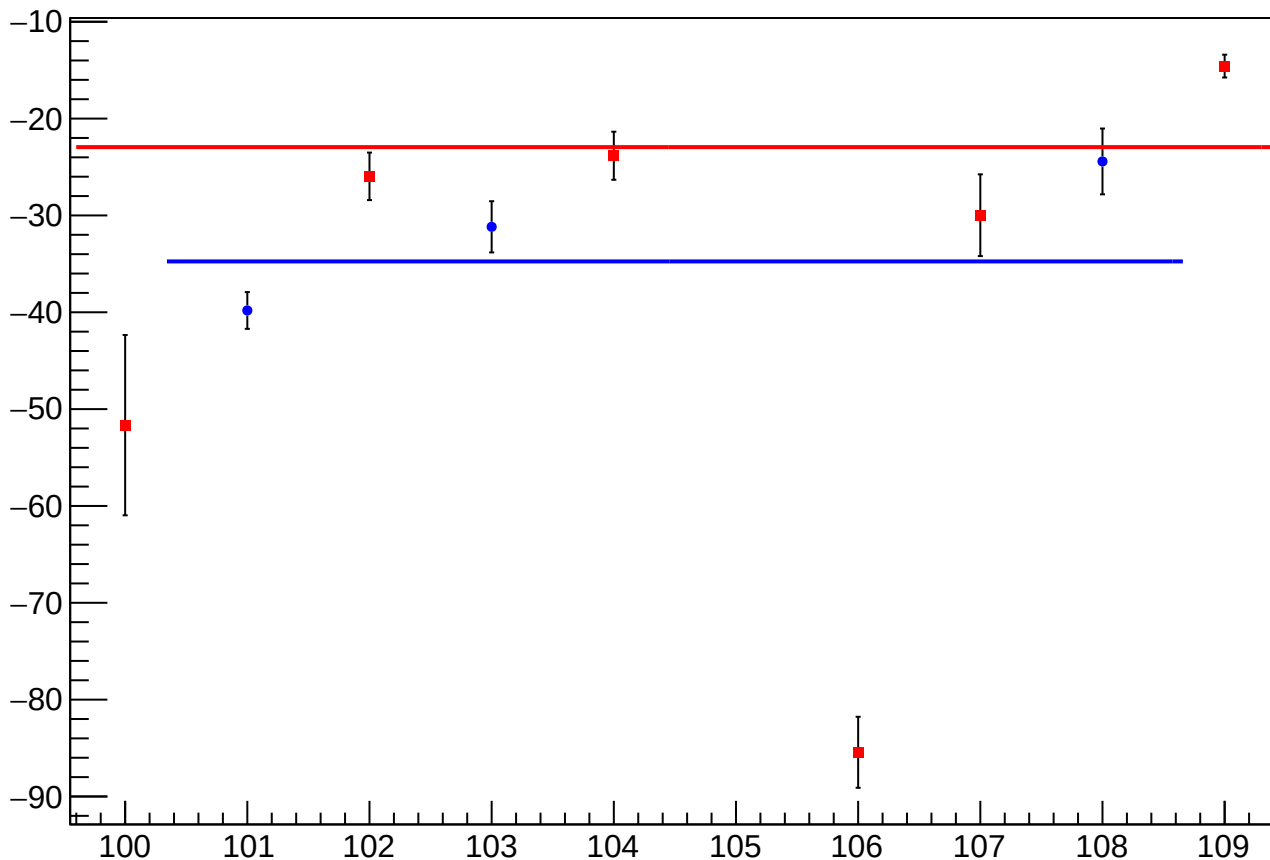
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.101 $\pm$ 0.012 χ^2 /NDF: 2550.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -34.749 $\pm$ 1.404 χ^2 /NDF: 18.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.945 $\pm$ 0.916 χ^2 /NDF: 354.8/5

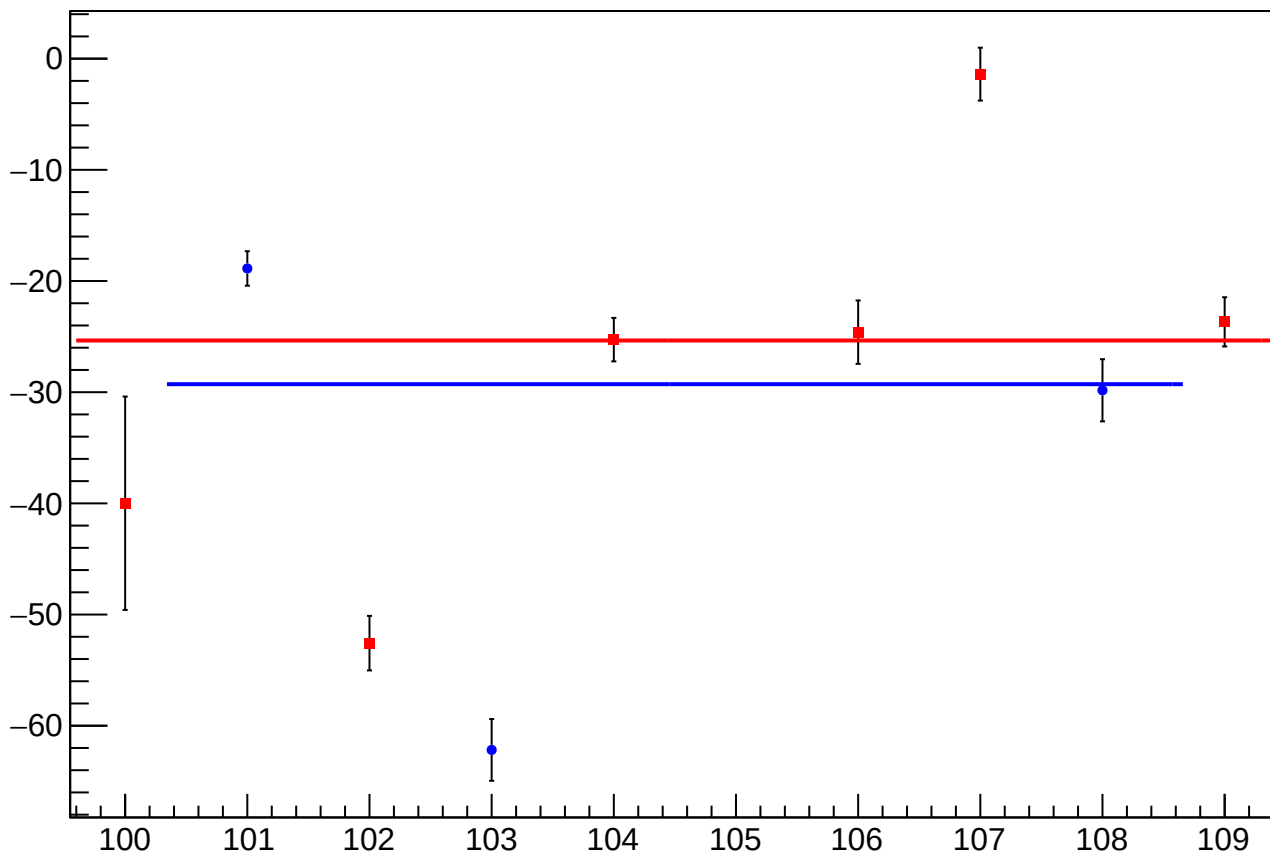
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -26.472 $\pm$ 0.767 χ^2 /NDF: 422.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -29.281 ± 1.218 χ^2/NDF : 185.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -25.350 ± 1.030 χ^2/NDF : 227.5/5

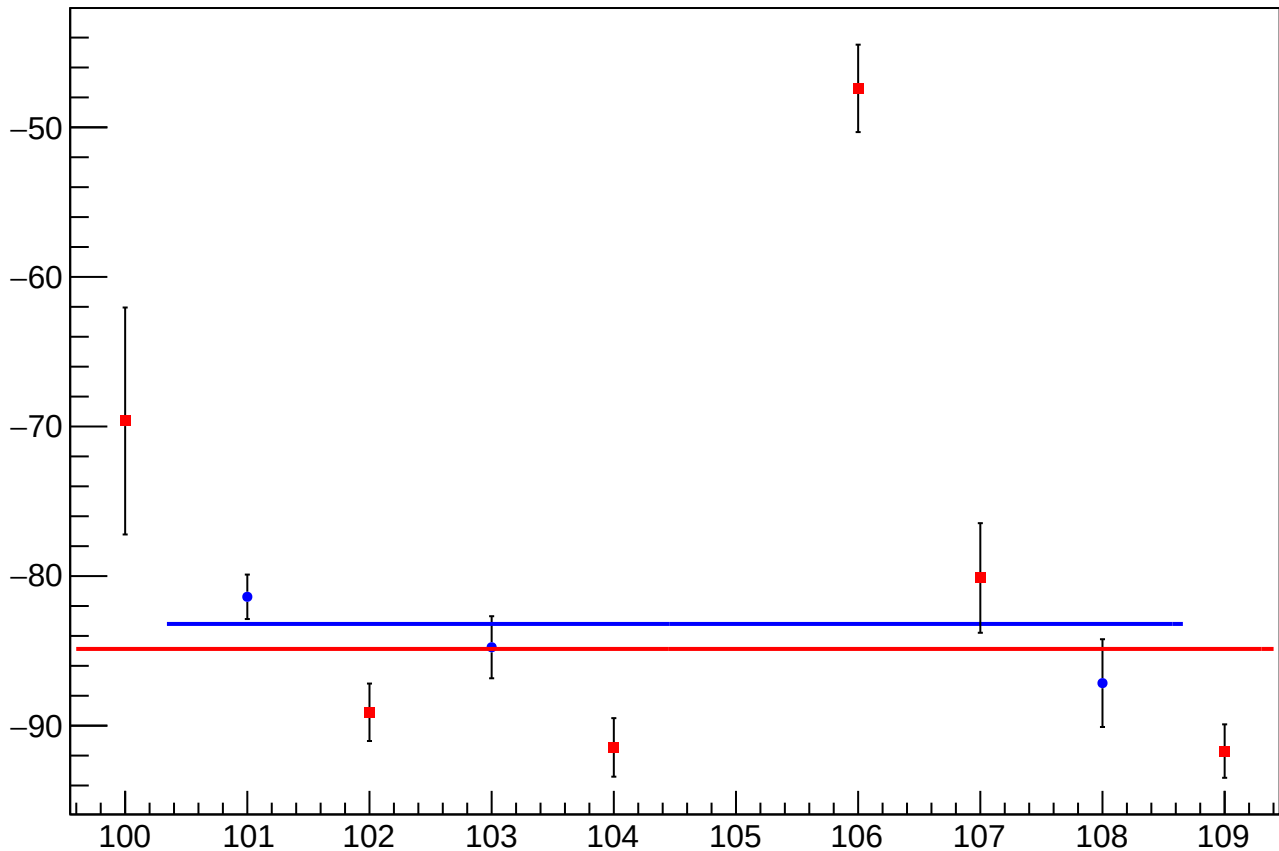
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.989 ± 0.787 χ^2/NDF : 419.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -83.199 $\pm$ 1.117 χ^2 /NDF: 3.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -84.870 $\pm$ 0.974 χ^2 /NDF: 201.0/5

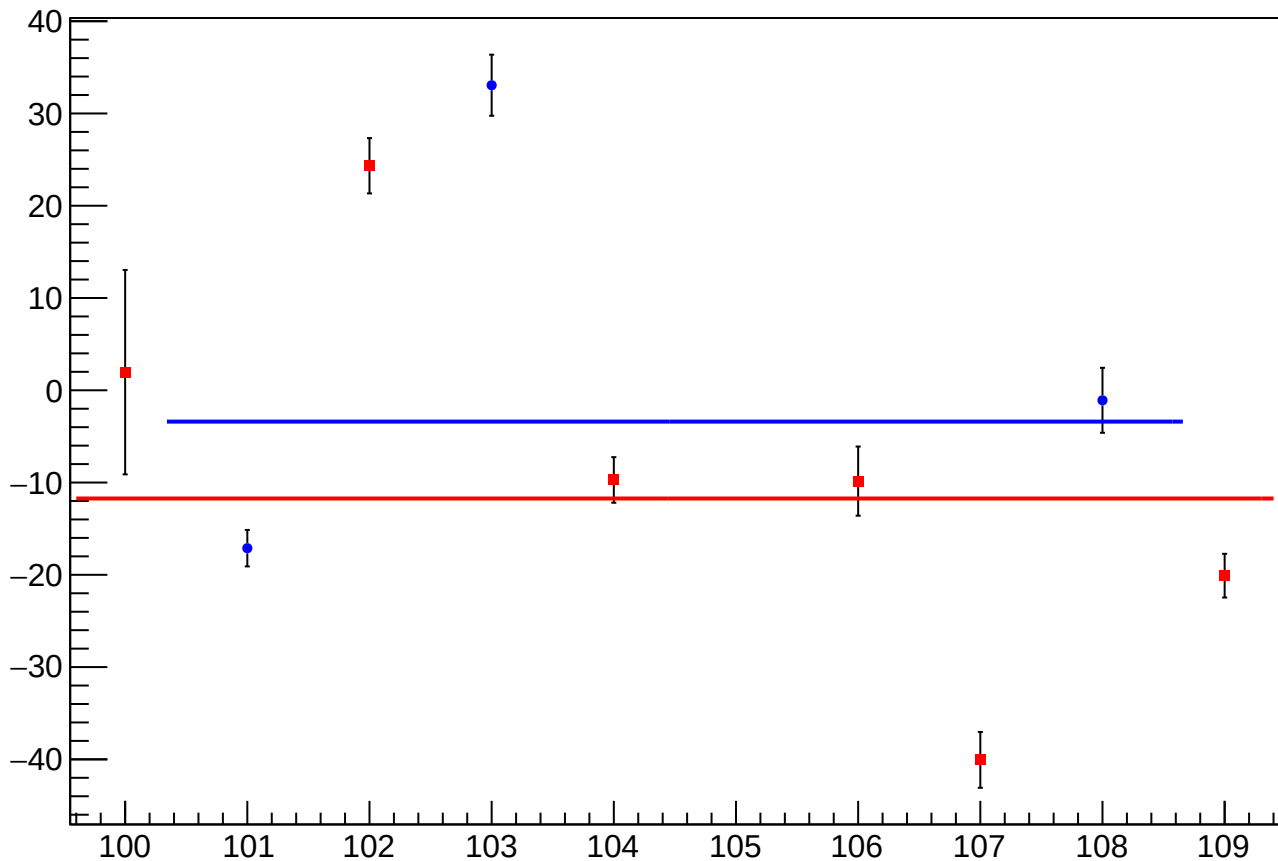
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -84.148 $\pm$ 0.734 χ^2 /NDF: 206.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -3.397 ± 1.528 χ^2/NDF : 169.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.729 ± 1.248 χ^2/NDF : 247.3/5

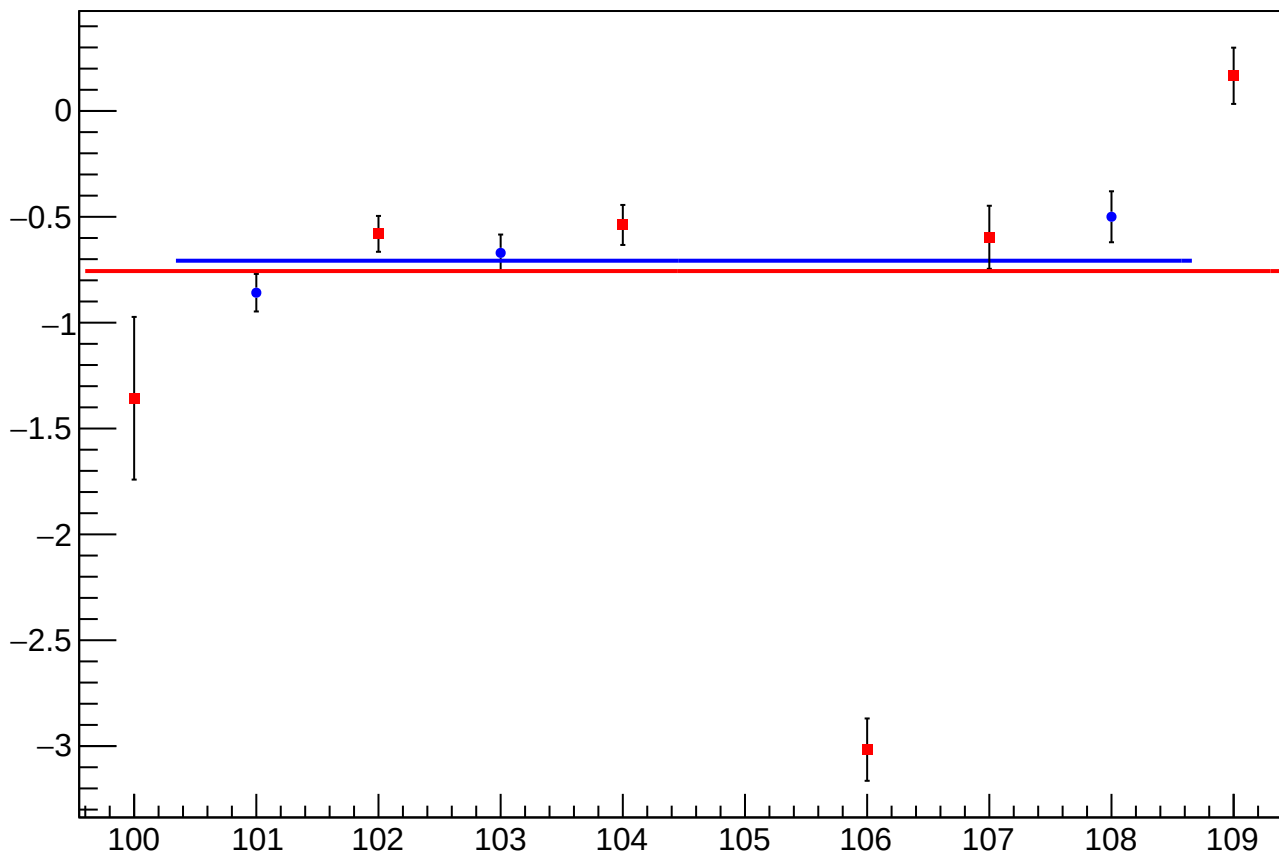
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.396 ± 0.967 χ^2/NDF : 435.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.707 ± 0.055 χ^2/NDF : 6.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.756 ± 0.050 χ^2/NDF : 297.1/5

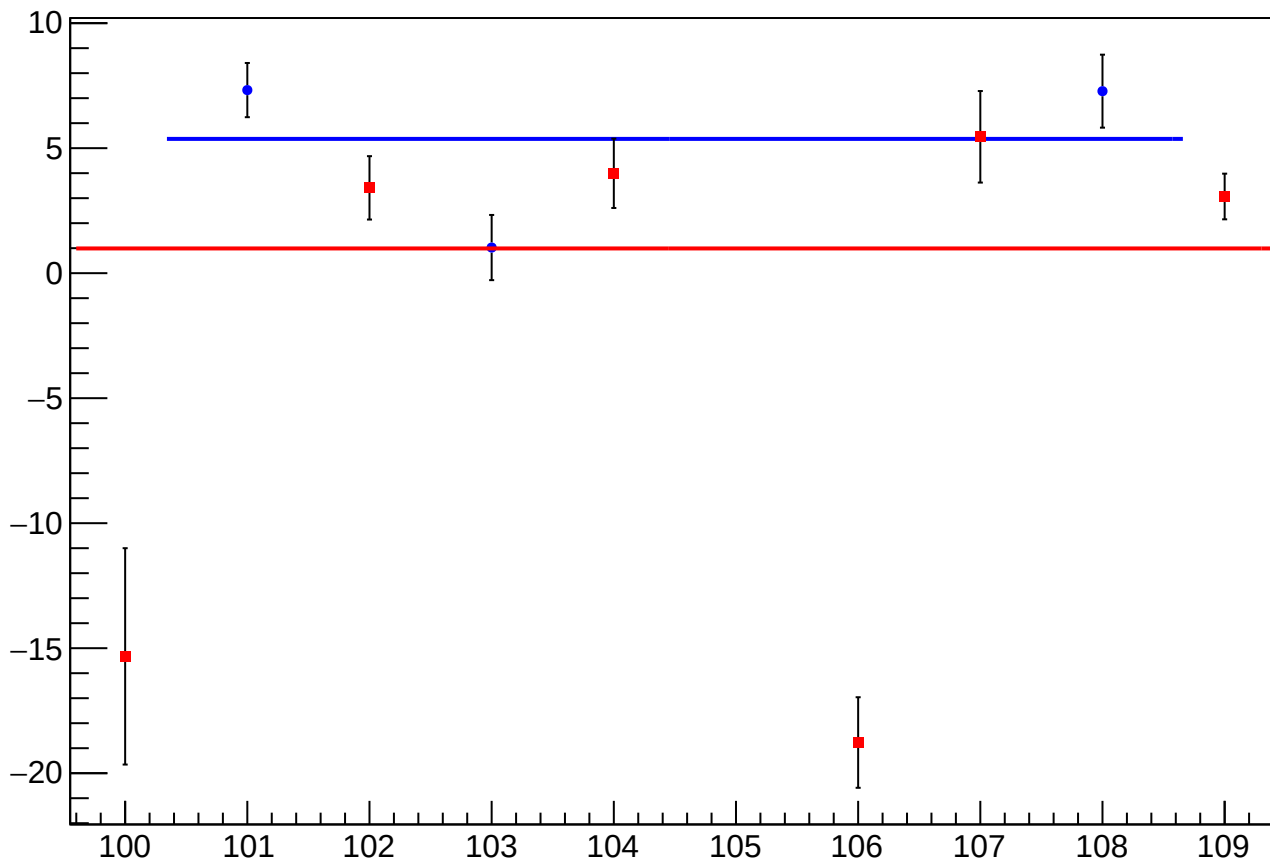
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.734 ± 0.037 χ^2/NDF : 303.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 5.371 $\pm$ 0.724 χ^2 /NDF: 16.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.989 $\pm$ 0.578 χ^2 /NDF: 152.7/5

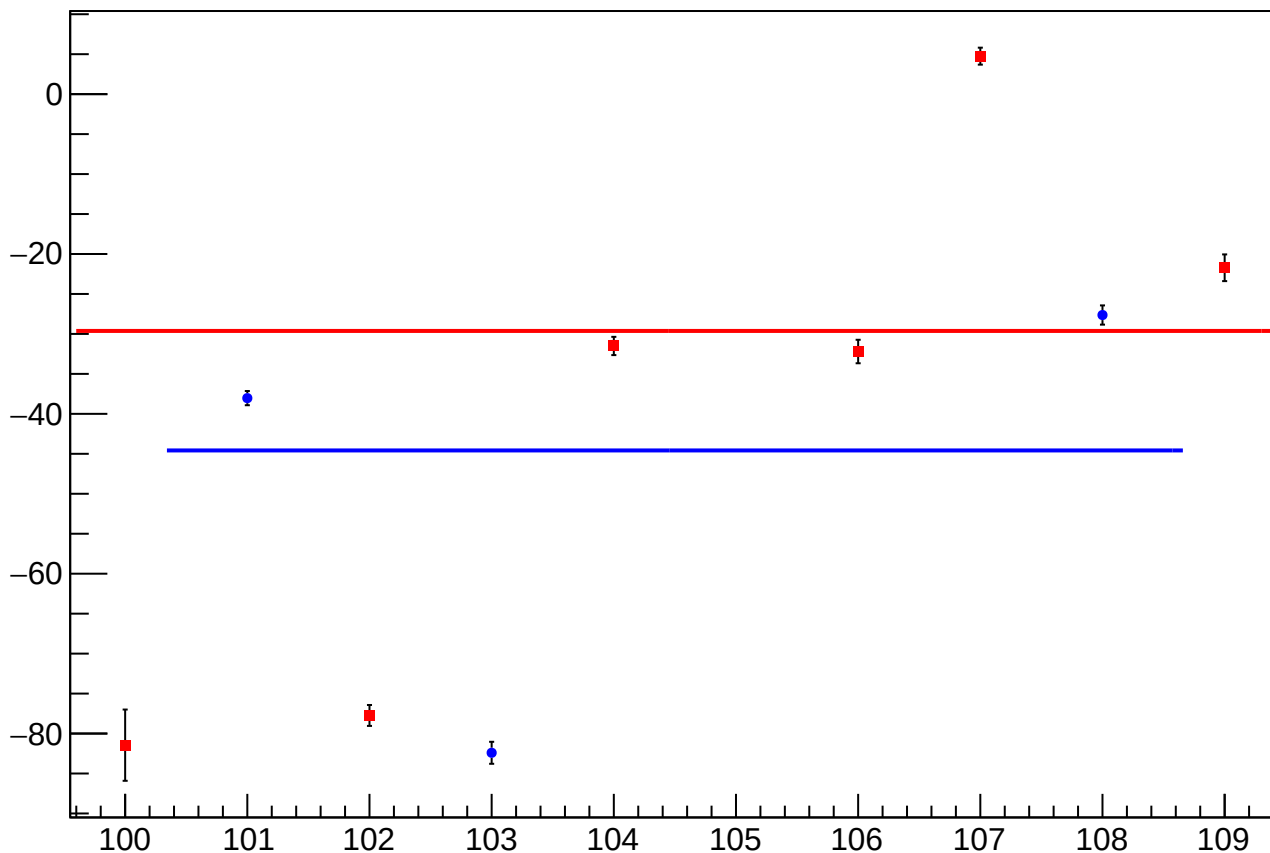
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.694 $\pm$ 0.451 χ^2 /NDF: 191.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: -44.579 ± 0.635 $\chi^2/\text{NDF}: 1008.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.626 ± 0.567 $\chi^2/\text{NDF}: 2562.4/5$

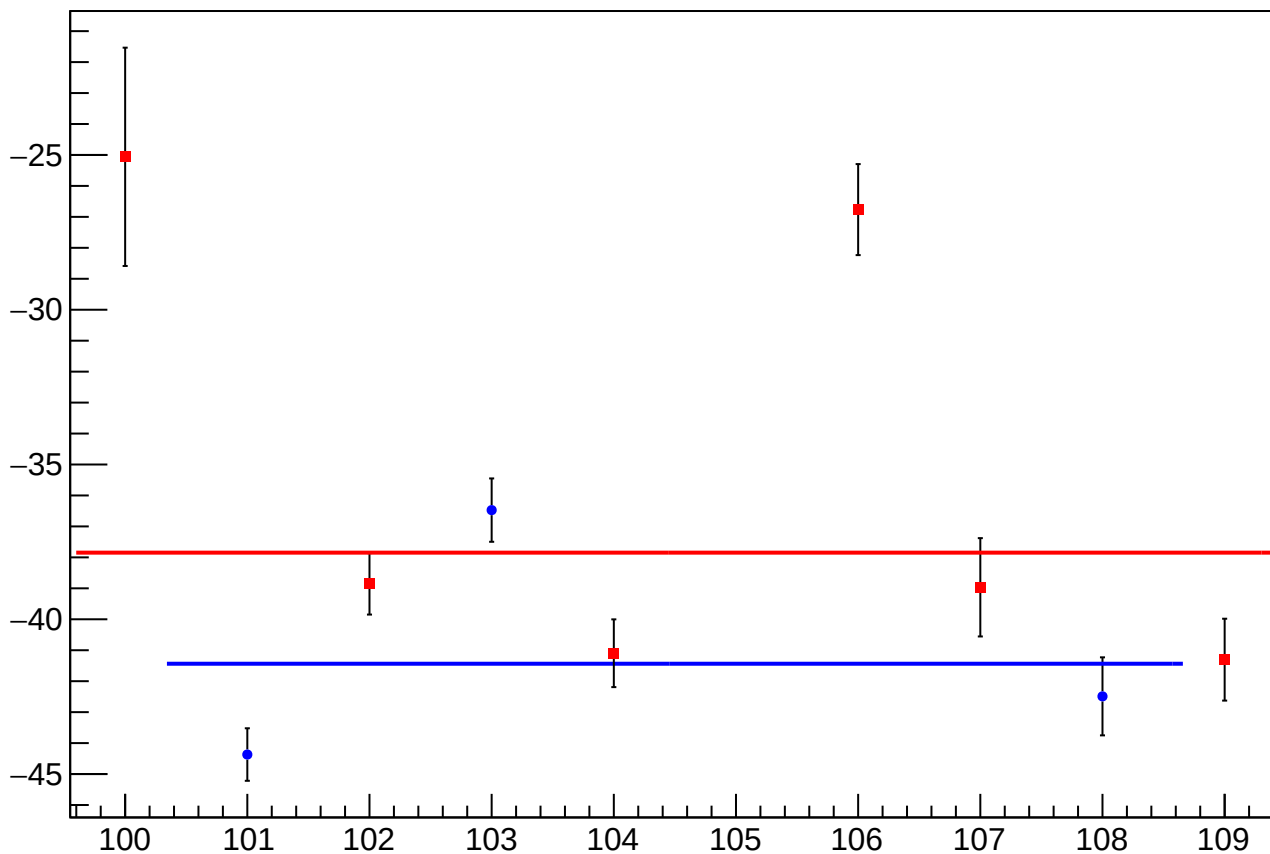
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.265 ± 0.423 $\chi^2/\text{NDF}: 3879.7/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: -41.436 ± 0.580 χ^2/NDF : 36.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.847 ± 0.546 χ^2/NDF : 87.1/5

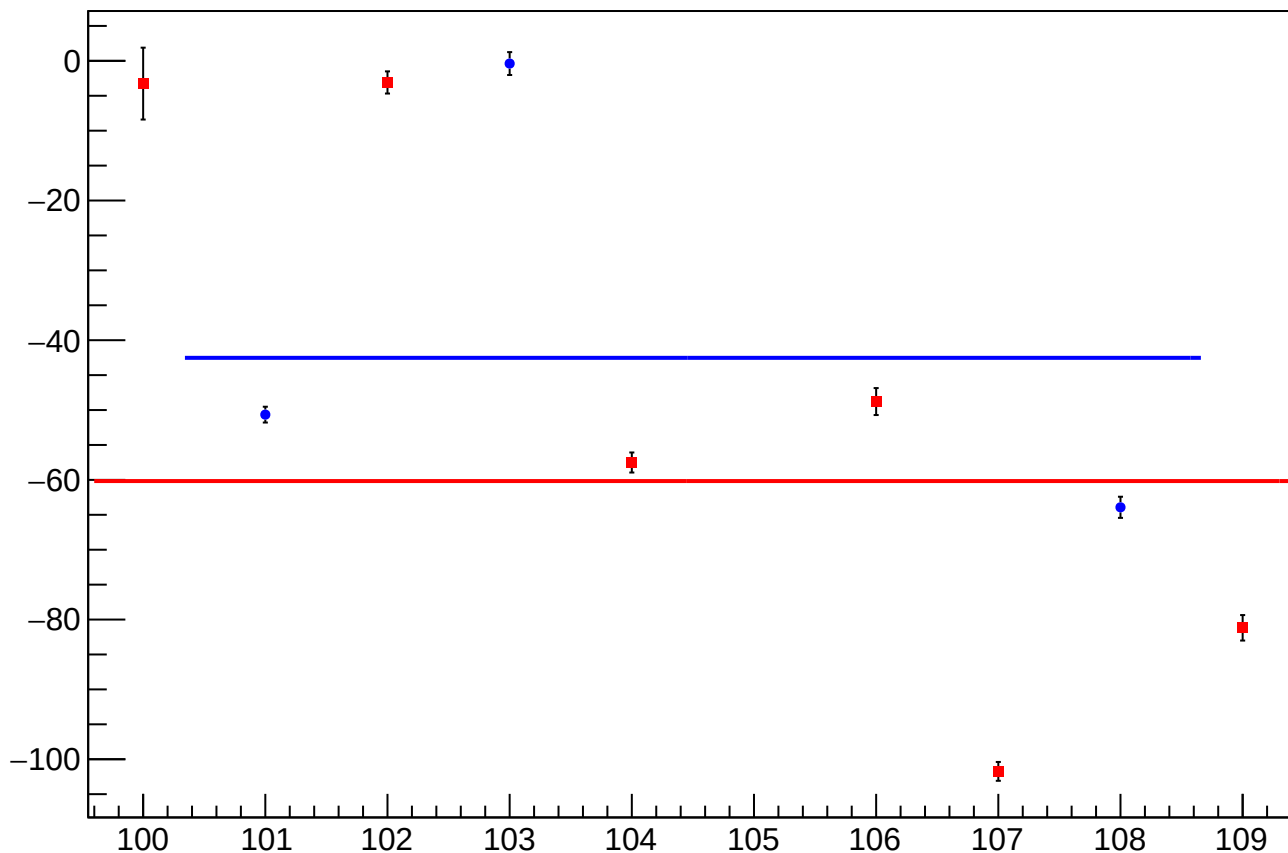
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.532 ± 0.397 χ^2/NDF : 143.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -42.524 ± 0.793 χ^2/NDF : 912.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -60.168 ± 0.700 χ^2/NDF : 2537.3/5

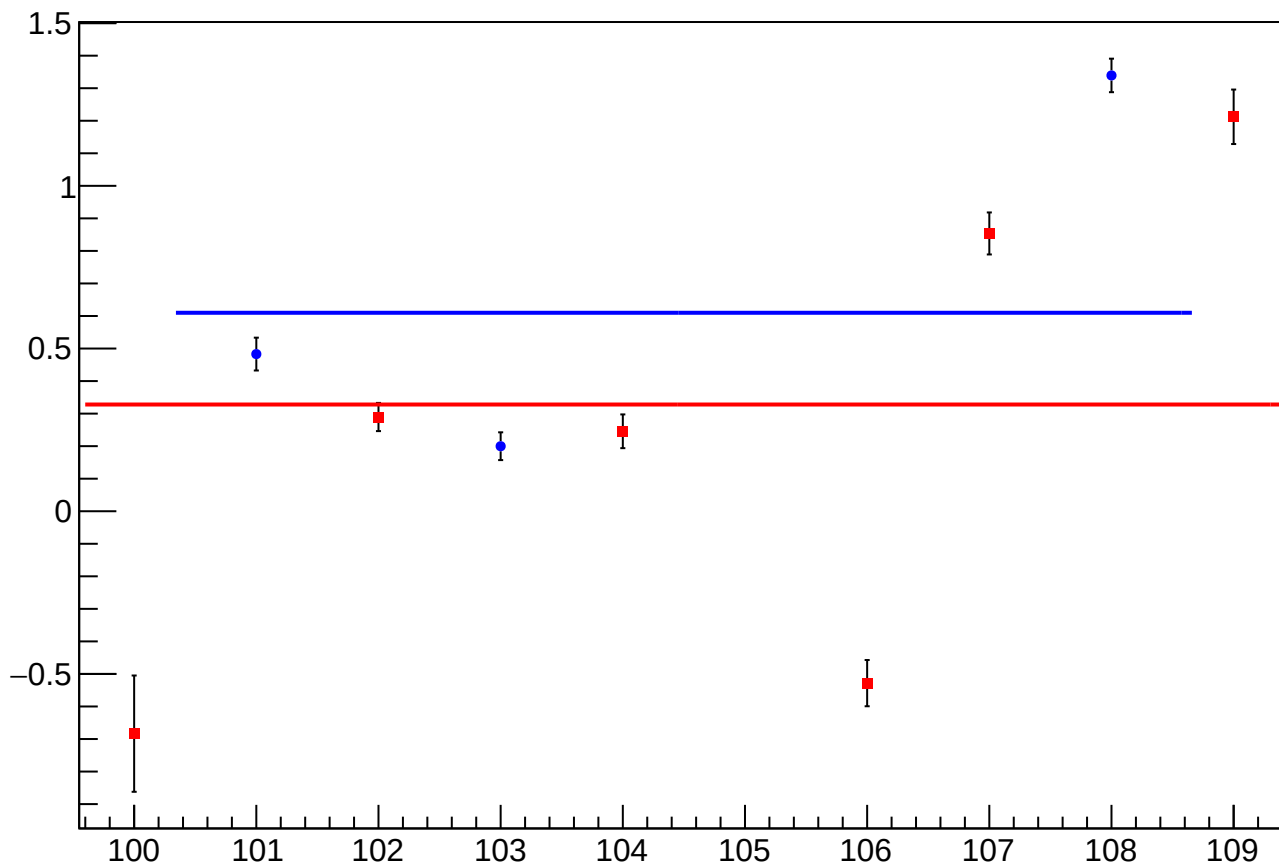
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -52.437 ± 0.525 χ^2/NDF : 3728.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.610 $\pm$ 0.028 χ^2 /NDF: 299.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.328 $\pm$ 0.026 χ^2 /NDF: 358.5/5

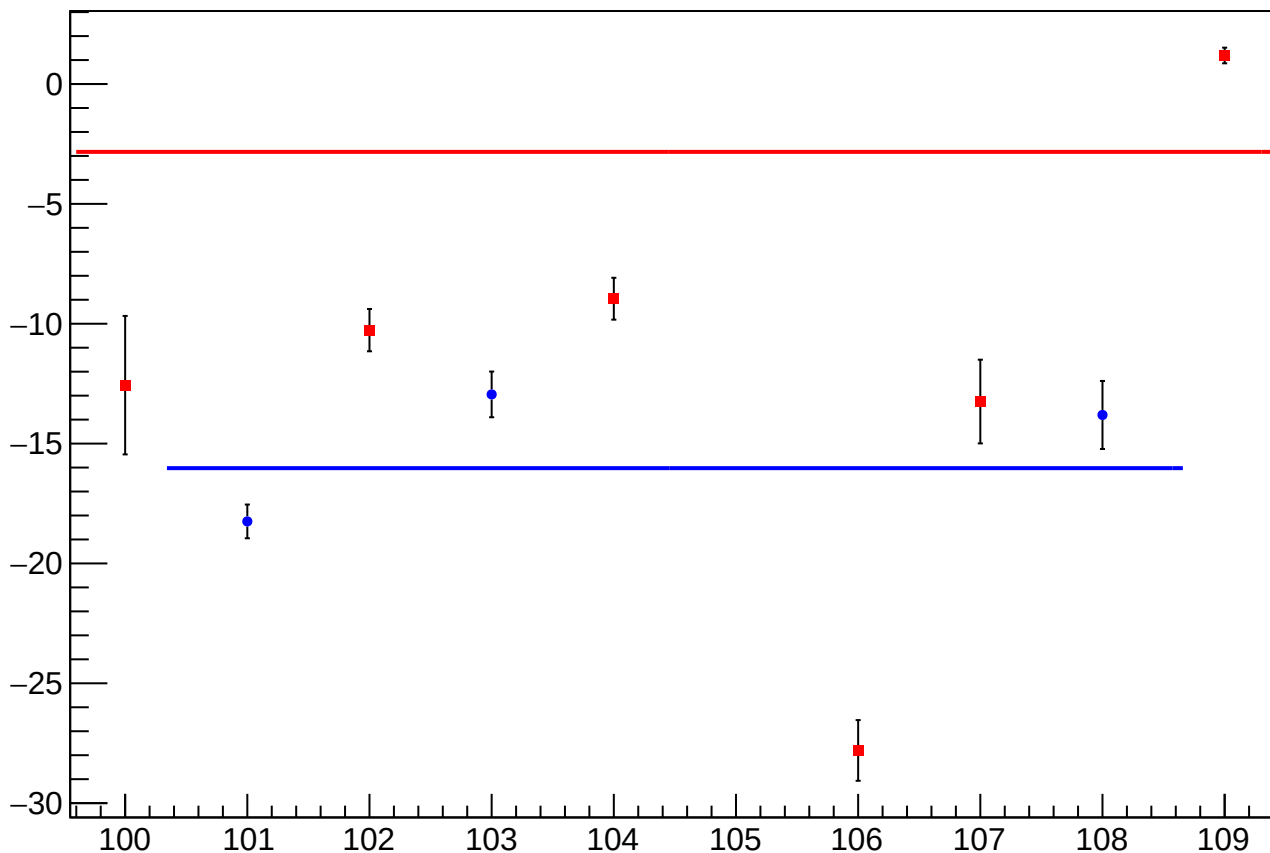
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.459 $\pm$ 0.019 χ^2 /NDF: 713.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -16.025 ± 0.526 χ^2/NDF : 22.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.830 ± 0.277 χ^2/NDF : 707.9/5

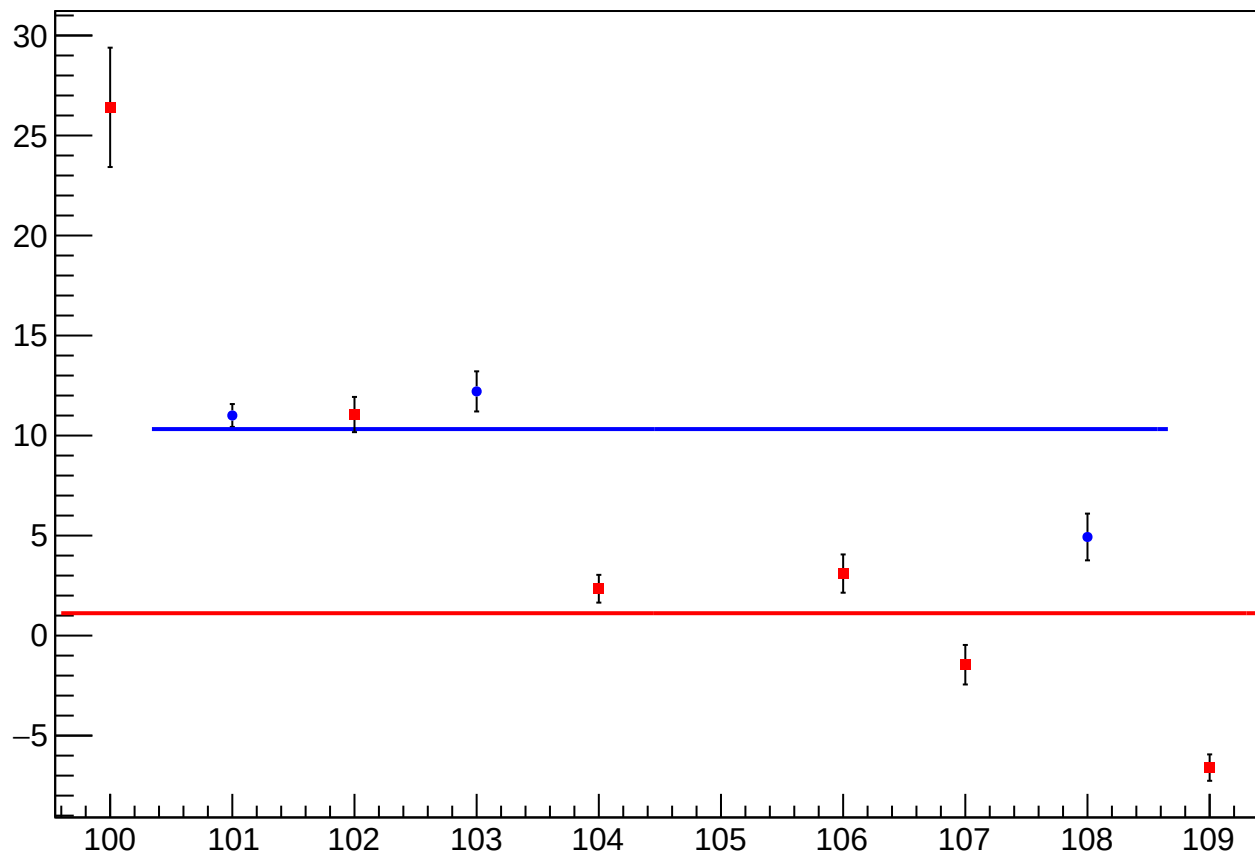
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.692 ± 0.245 χ^2/NDF : 1223.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: 10.324 $\pm$ 0.457 χ^2 /NDF: 26.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.119 $\pm$ 0.356 χ^2 /NDF: 350.1/5

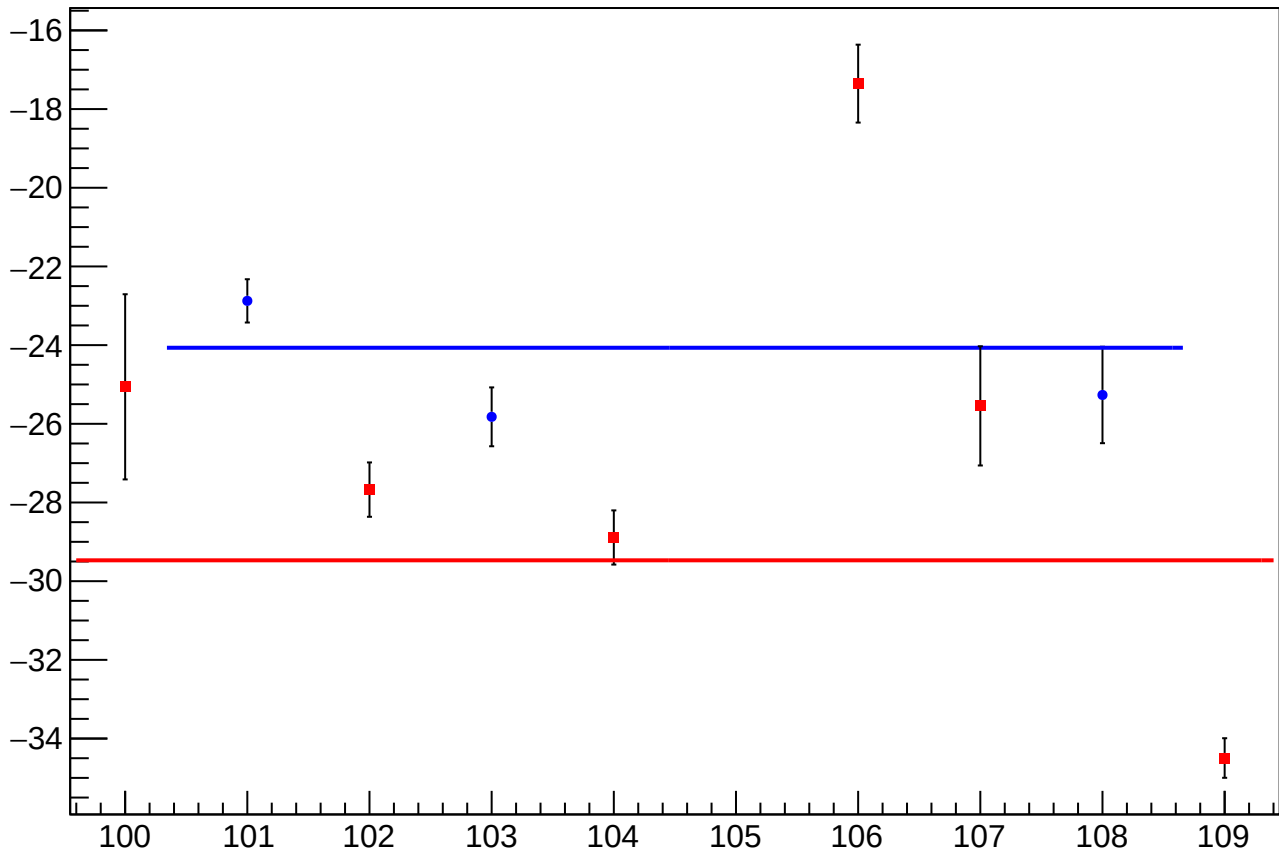
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.593 $\pm$ 0.281 χ^2 /NDF: 628.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -24.067 ± 0.417 $\chi^2/\text{NDF}: 11.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.470 ± 0.320 $\chi^2/\text{NDF}: 267.2/5$

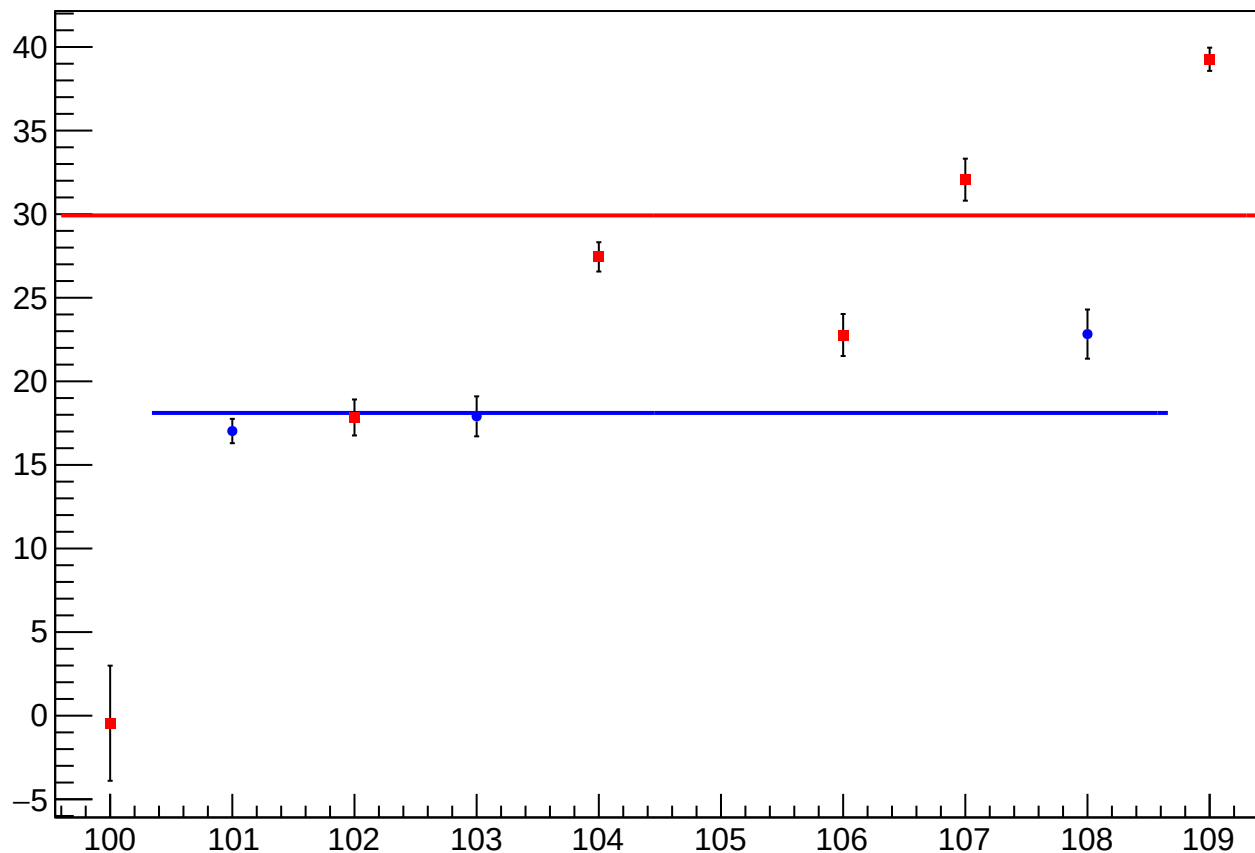
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -27.469 ± 0.254 $\chi^2/\text{NDF}: 384.2/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 18.110 $\pm$ 0.573 χ^2 /NDF: 12.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 29.925 $\pm$ 0.423 χ^2 /NDF: 428.2/5

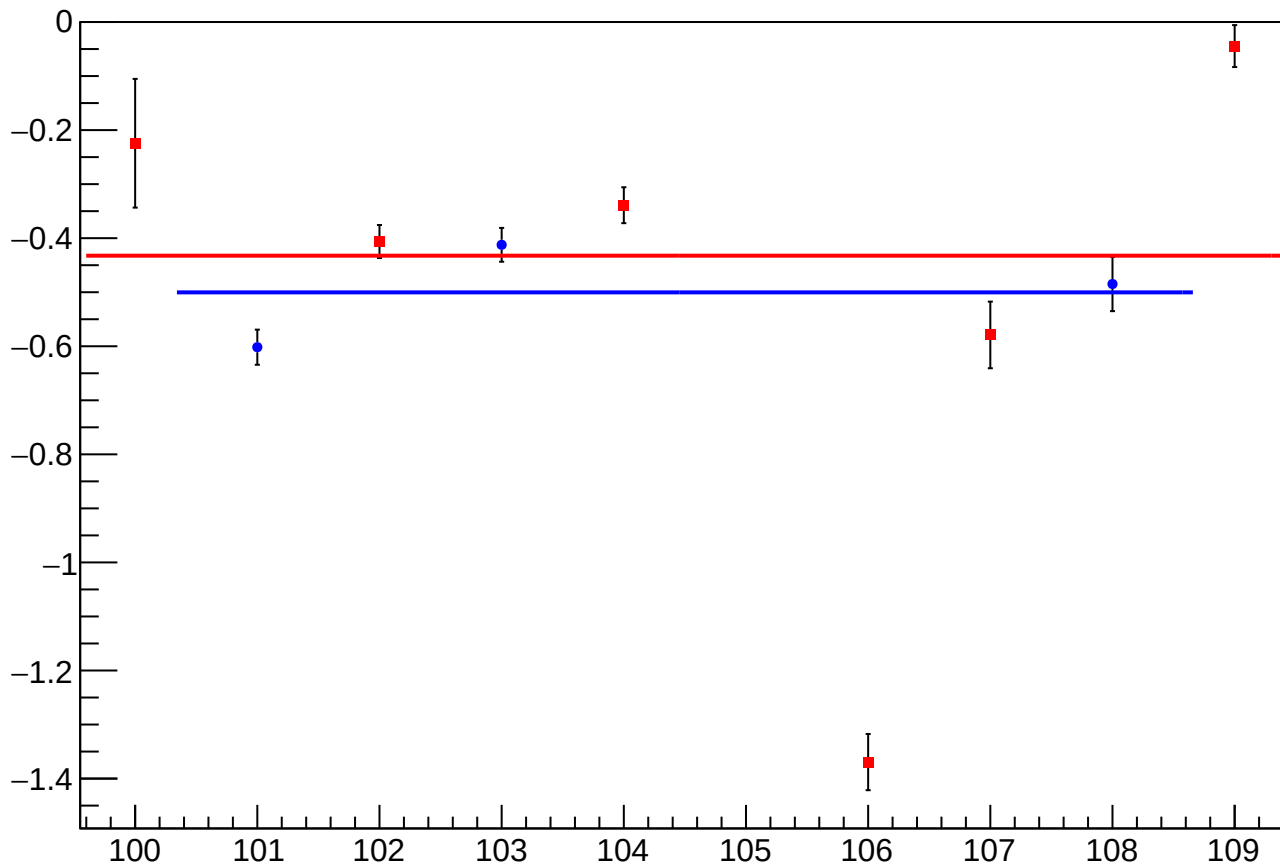
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.760 $\pm$ 0.340 χ^2 /NDF: 715.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.500 $\pm$ 0.021 χ^2 /NDF: 17.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.432 $\pm$ 0.017 χ^2 /NDF: 441.6/5

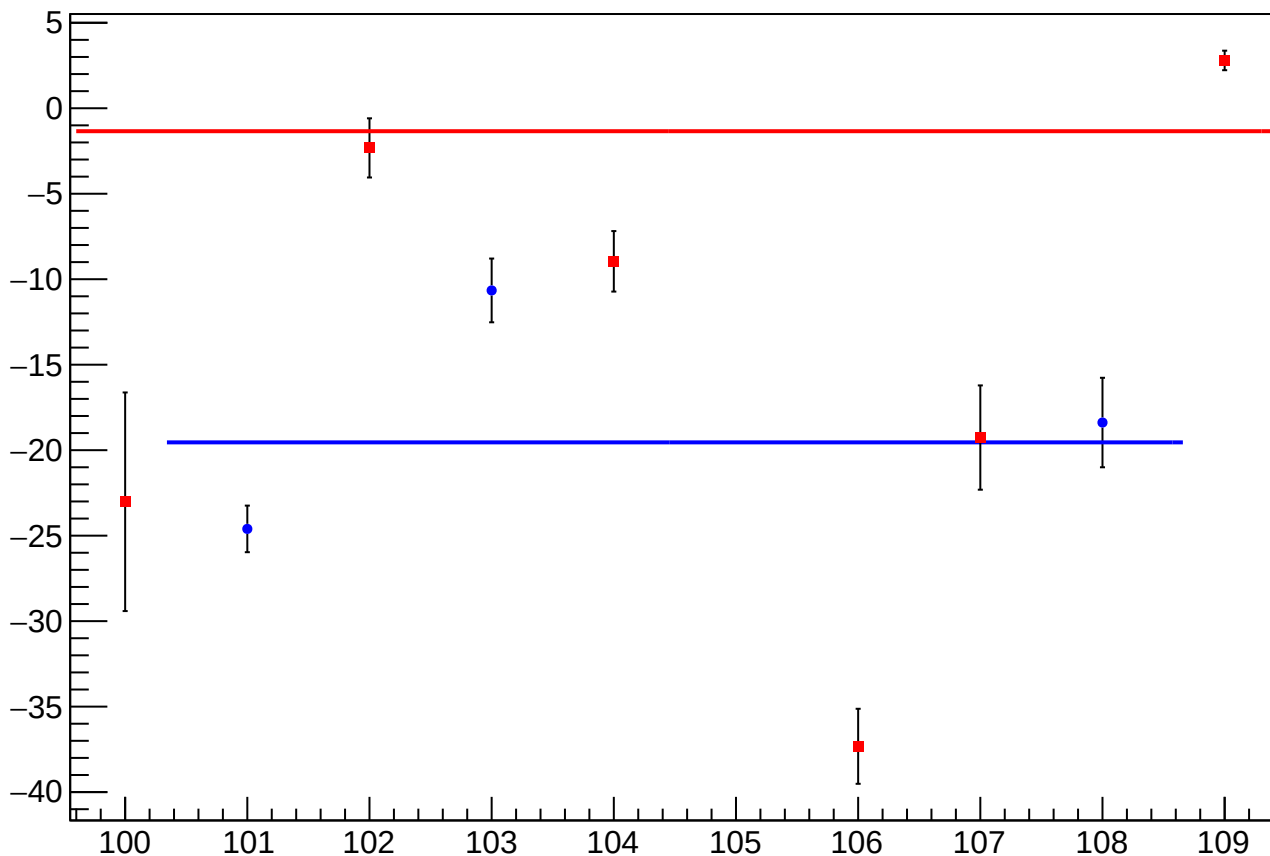
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.460 $\pm$ 0.013 χ^2 /NDF: 465.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -19.543 ± 1.014 χ^2/NDF : 36.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.342 ± 0.496 χ^2/NDF : 386.3/5

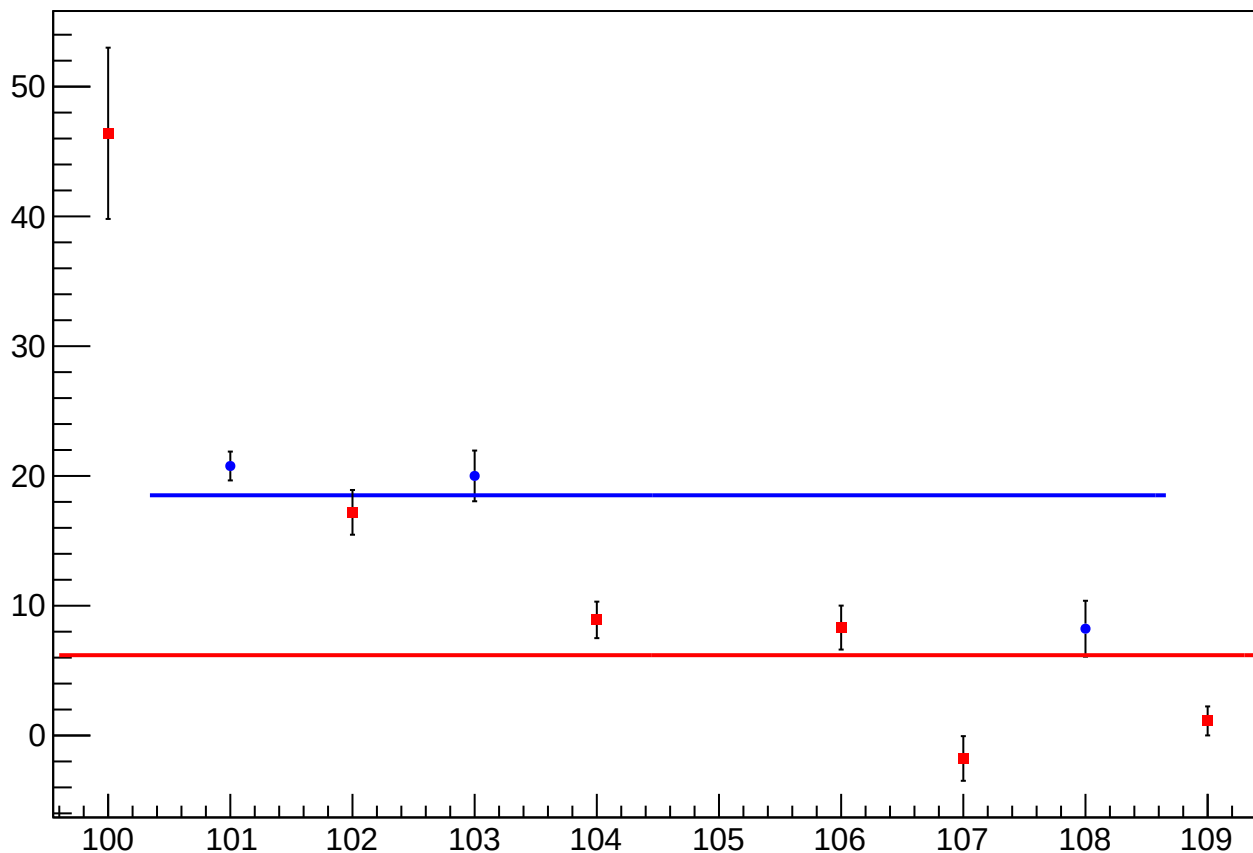
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.860 ± 0.446 χ^2/NDF : 682.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: 18.510 $\pm$ 0.881 χ^2 /NDF: 27.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.188 $\pm$ 0.652 χ^2 /NDF: 125.2/5

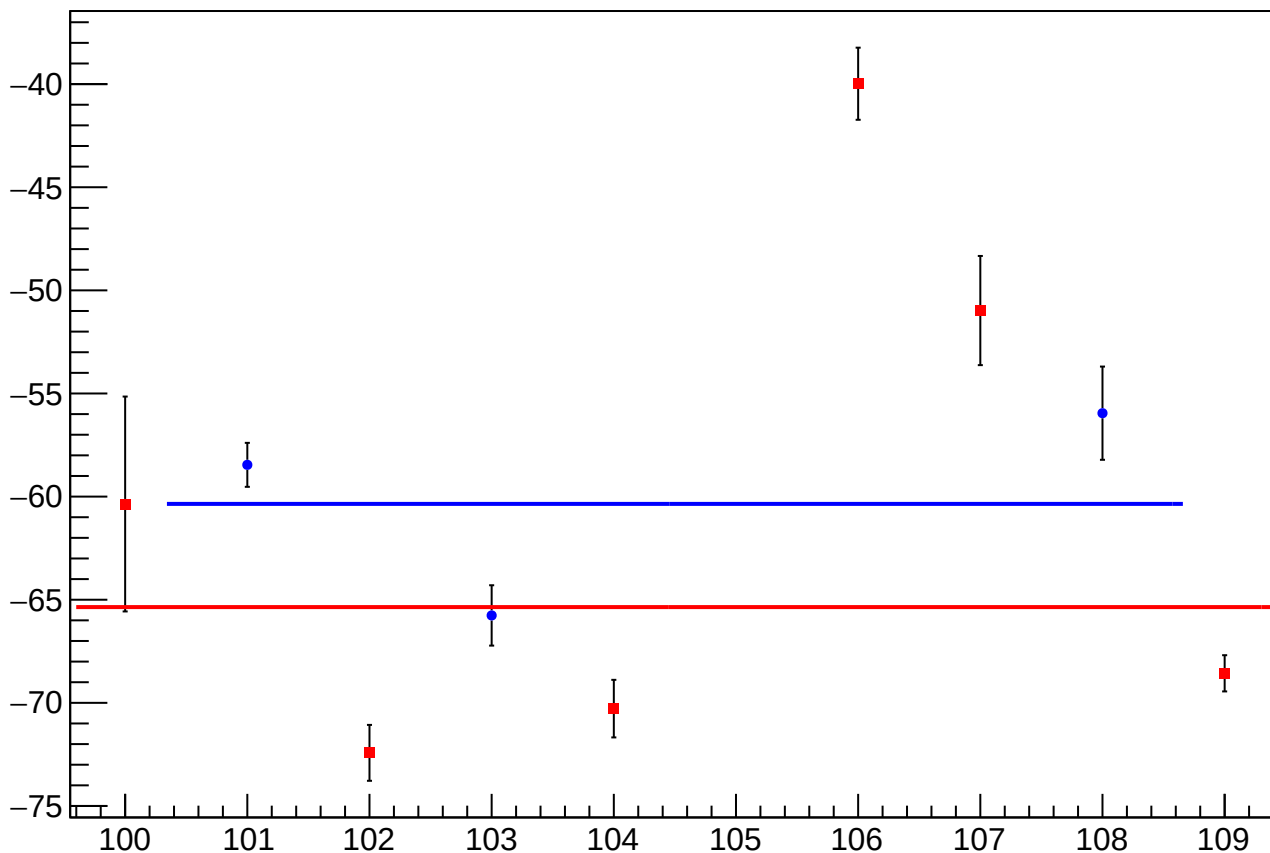
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.547 $\pm$ 0.524 χ^2 /NDF: 279.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -60.353±/0.805 χ^2/NDF : 20.6/2

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: -65.357±/0.591 χ^2/NDF : 294.1/5

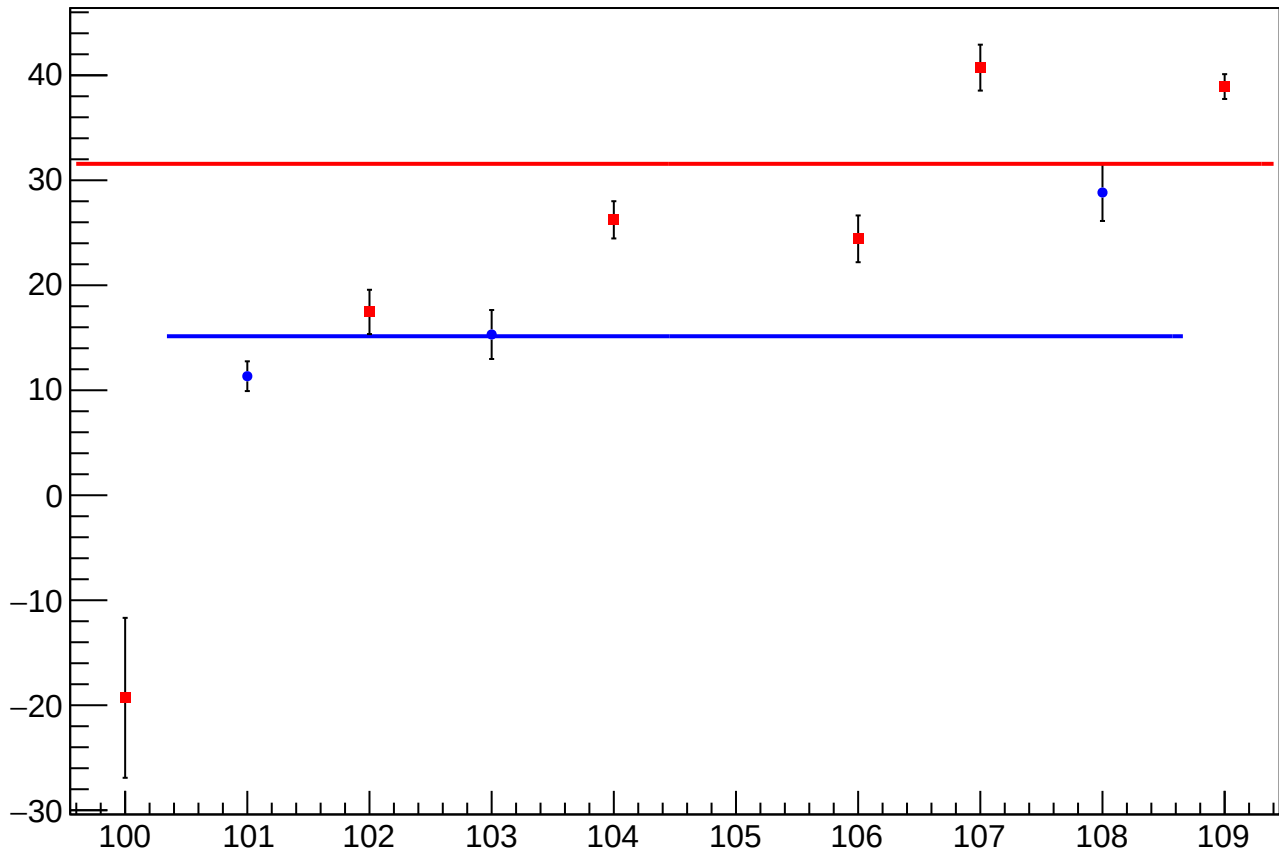
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -63.604±/0.477 χ^2/NDF : 339.8/8

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 15.145 $\pm$ 1.106 χ^2 /NDF: 32.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.567 $\pm$ 0.770 χ^2 /NDF: 165.0/5

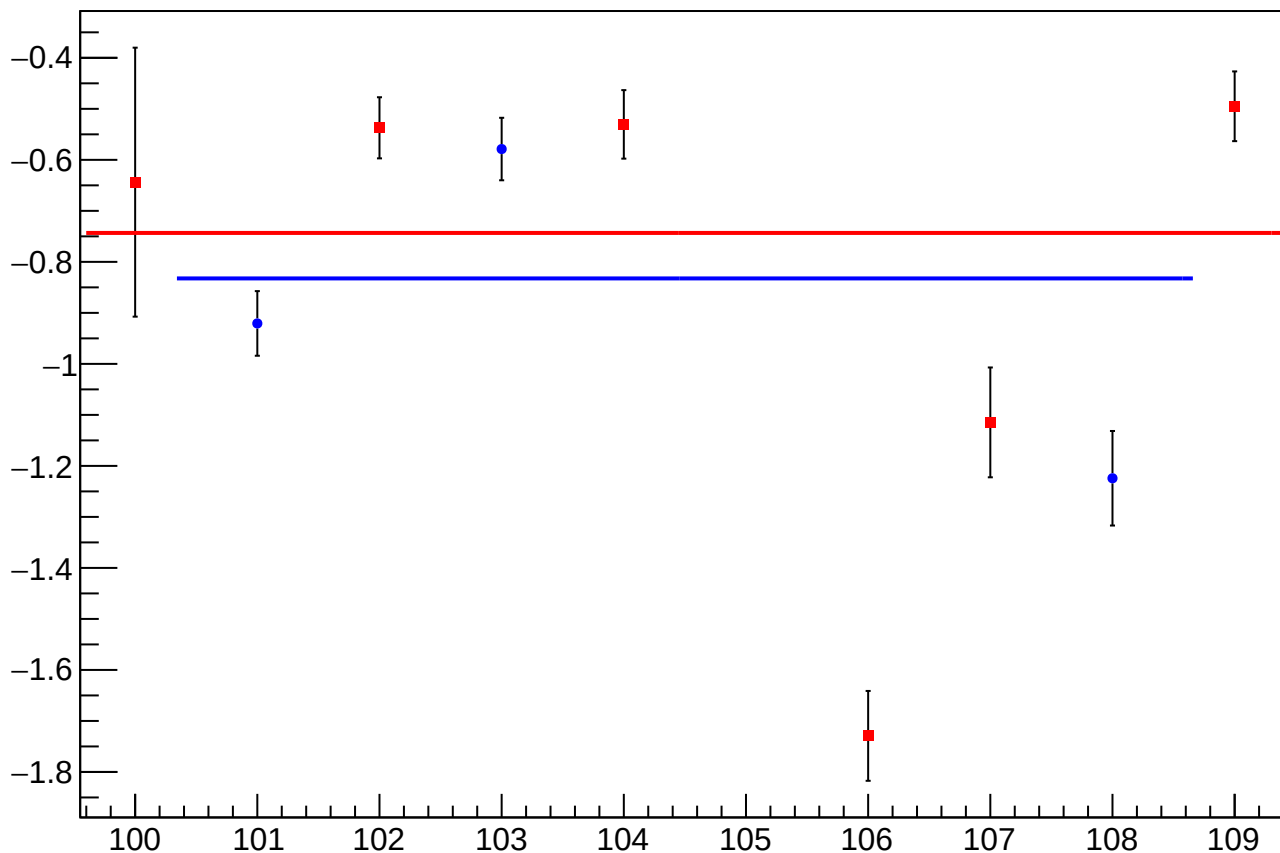
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.204 $\pm$ 0.632 χ^2 /NDF: 346.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.832 $\pm$ 0.040 χ^2 /NDF: 37.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.743 $\pm$ 0.033 χ^2 /NDF: 172.4/5

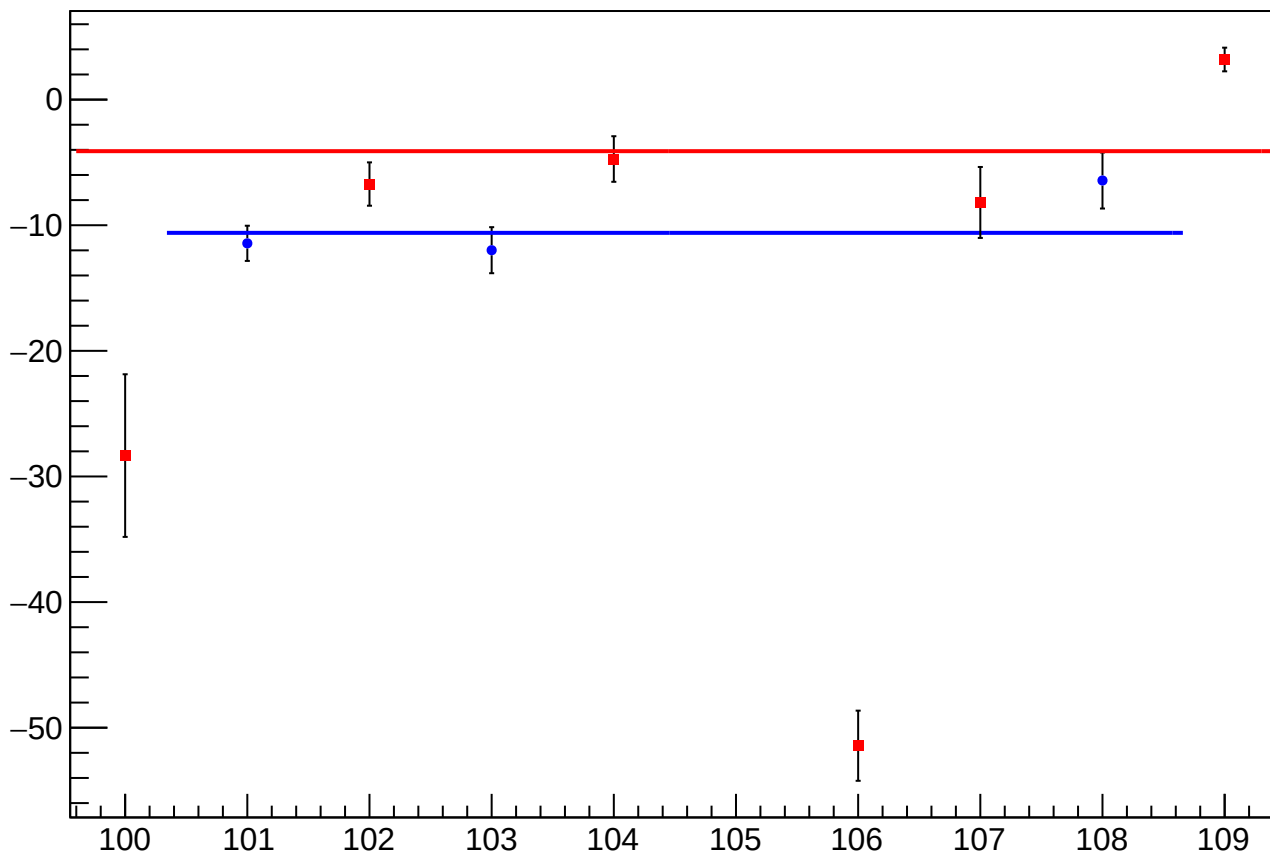
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.779 $\pm$ 0.025 χ^2 /NDF: 212.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -10.607 $\pm$ 0.996 χ^2 /NDF: 4.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.105 $\pm$ 0.699 χ^2 /NDF: 365.9/5

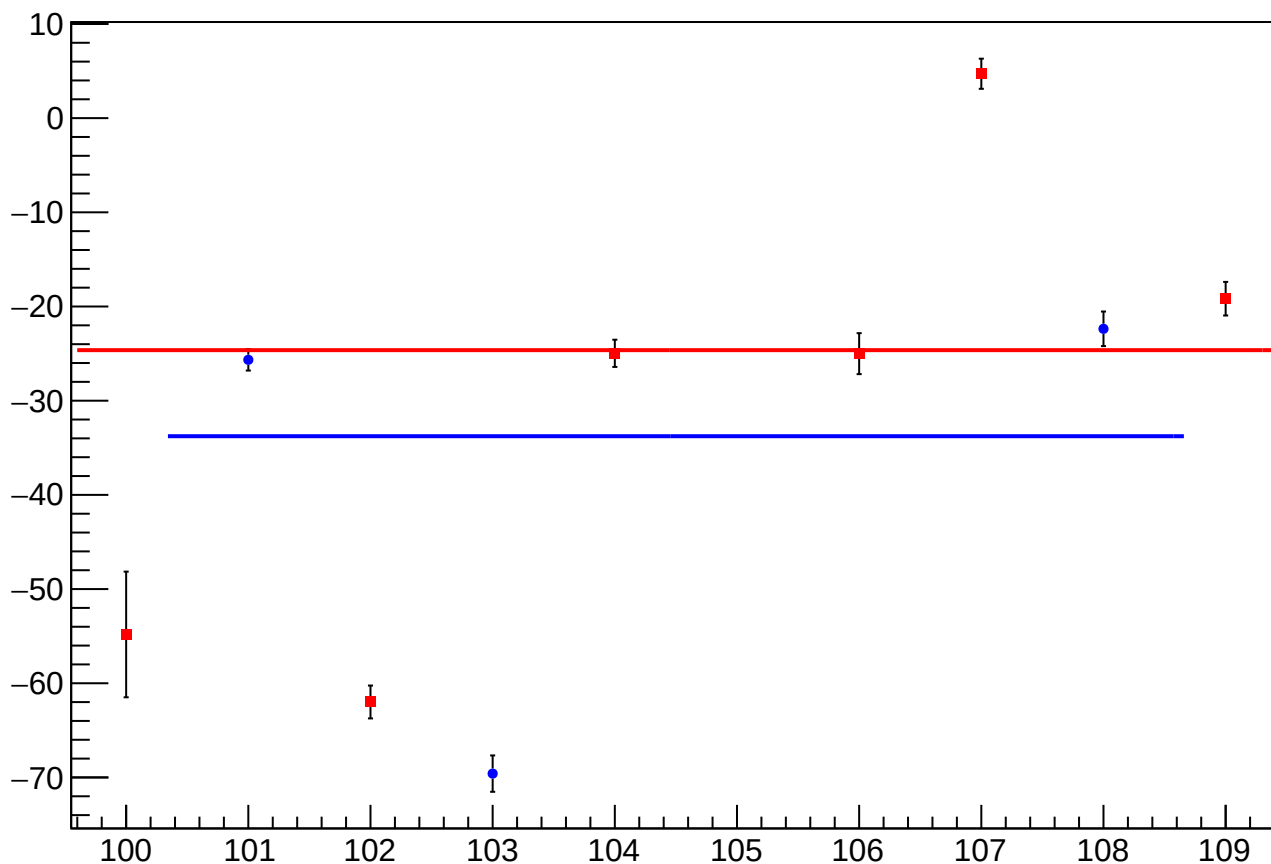
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.251 $\pm$ 0.572 χ^2 /NDF: 398.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: -33.771 ± 0.866 $\chi^2/\text{NDF}: 433.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -24.634 ± 0.757 $\chi^2/\text{NDF}: 824.0/5$

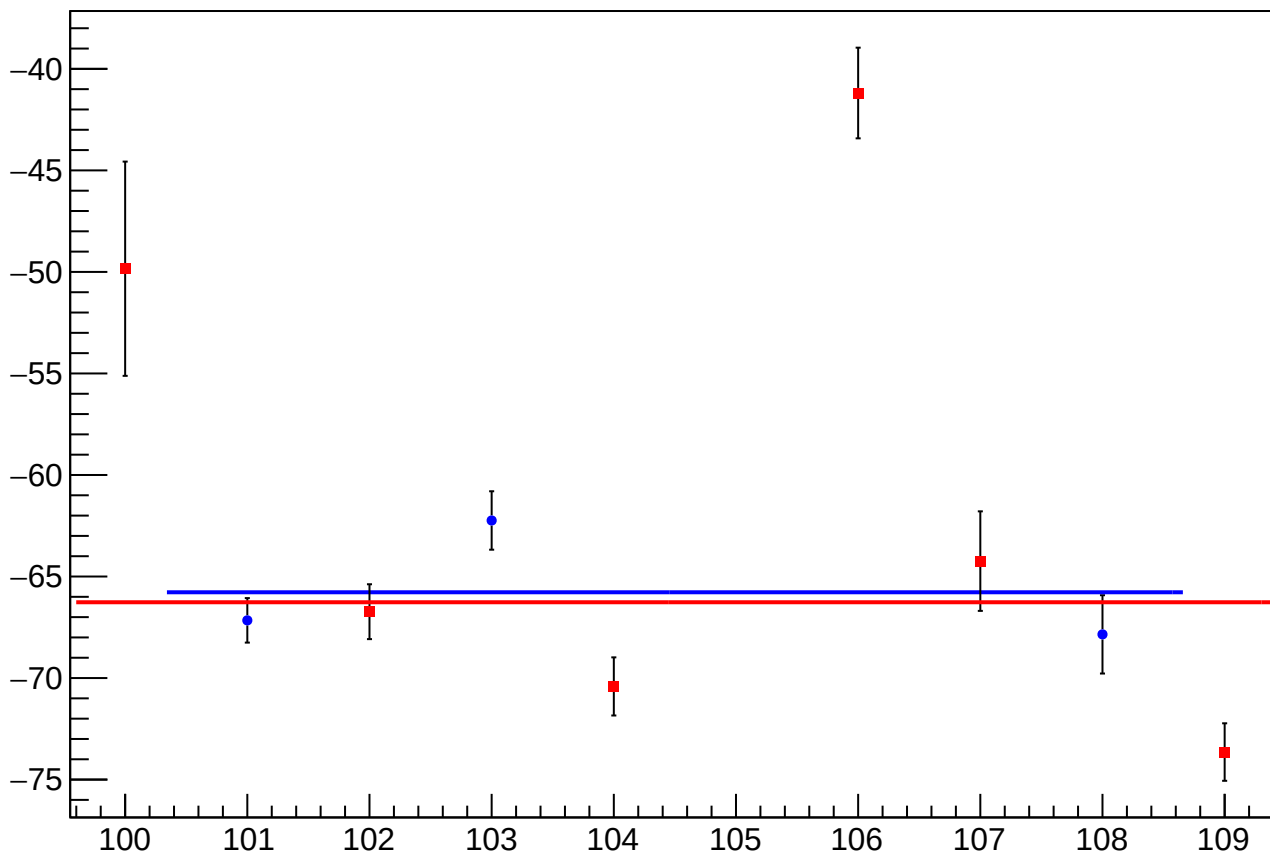
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -28.590 ± 0.570 $\chi^2/\text{NDF}: 1320.7/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -65.776 ± 0.794 χ^2/NDF : 8.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.267 ± 0.718 χ^2/NDF : 172.2/5

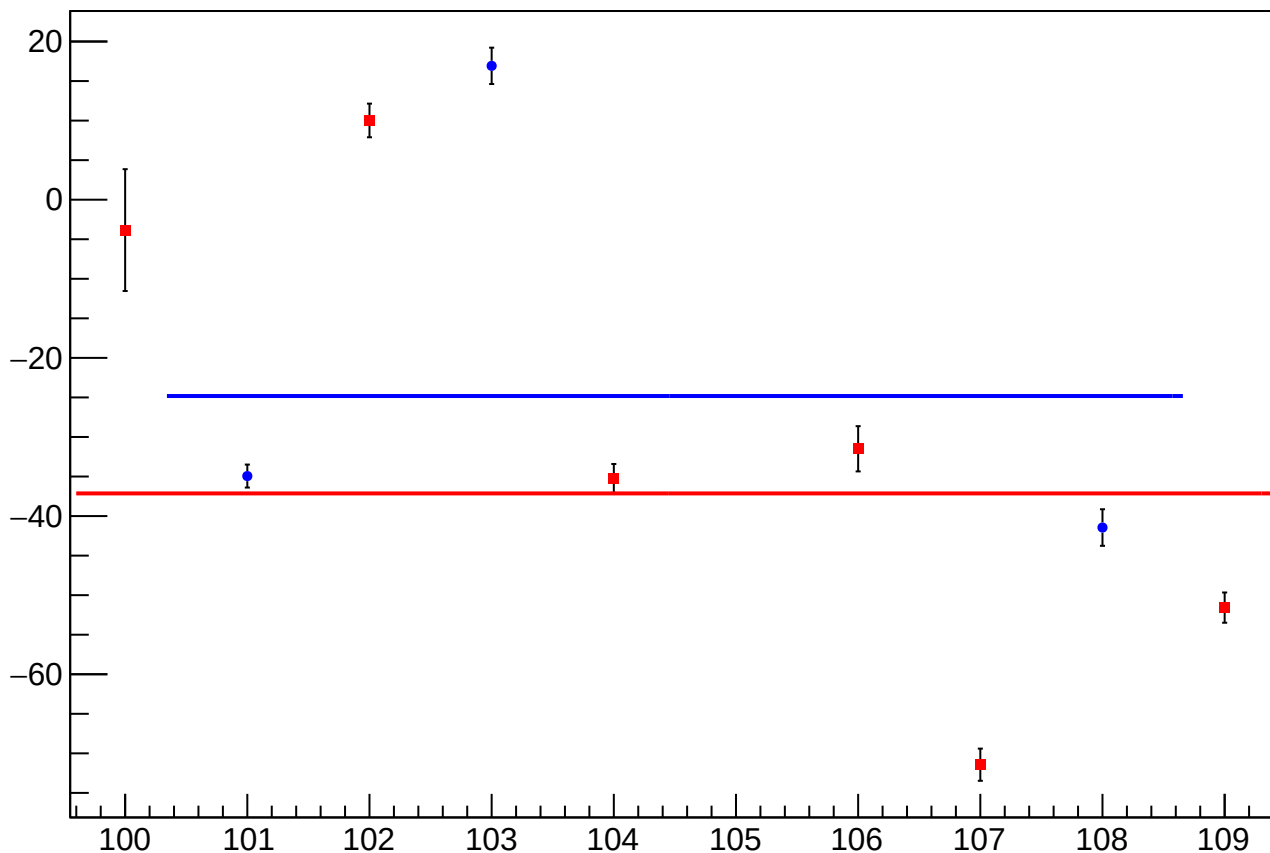
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.046 ± 0.533 χ^2/NDF : 181.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -24.821 ± 1.085 χ^2/NDF : 430.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.135 ± 0.922 χ^2/NDF : 856.4/5

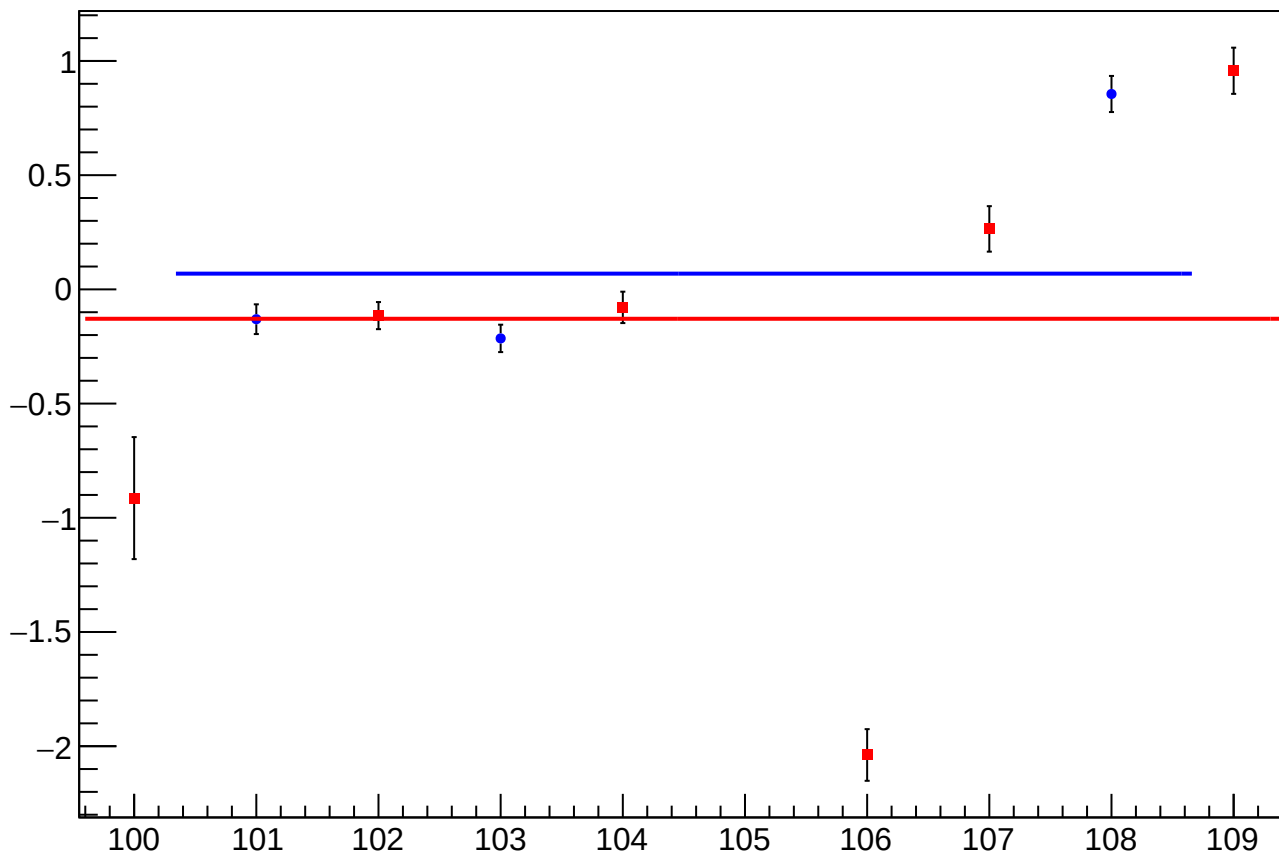
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.971 ± 0.703 χ^2/NDF : 1361.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.069 $\pm$ 0.039 χ^2 /NDF: 130.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.129 $\pm$ 0.036 χ^2 /NDF: 425.4/5

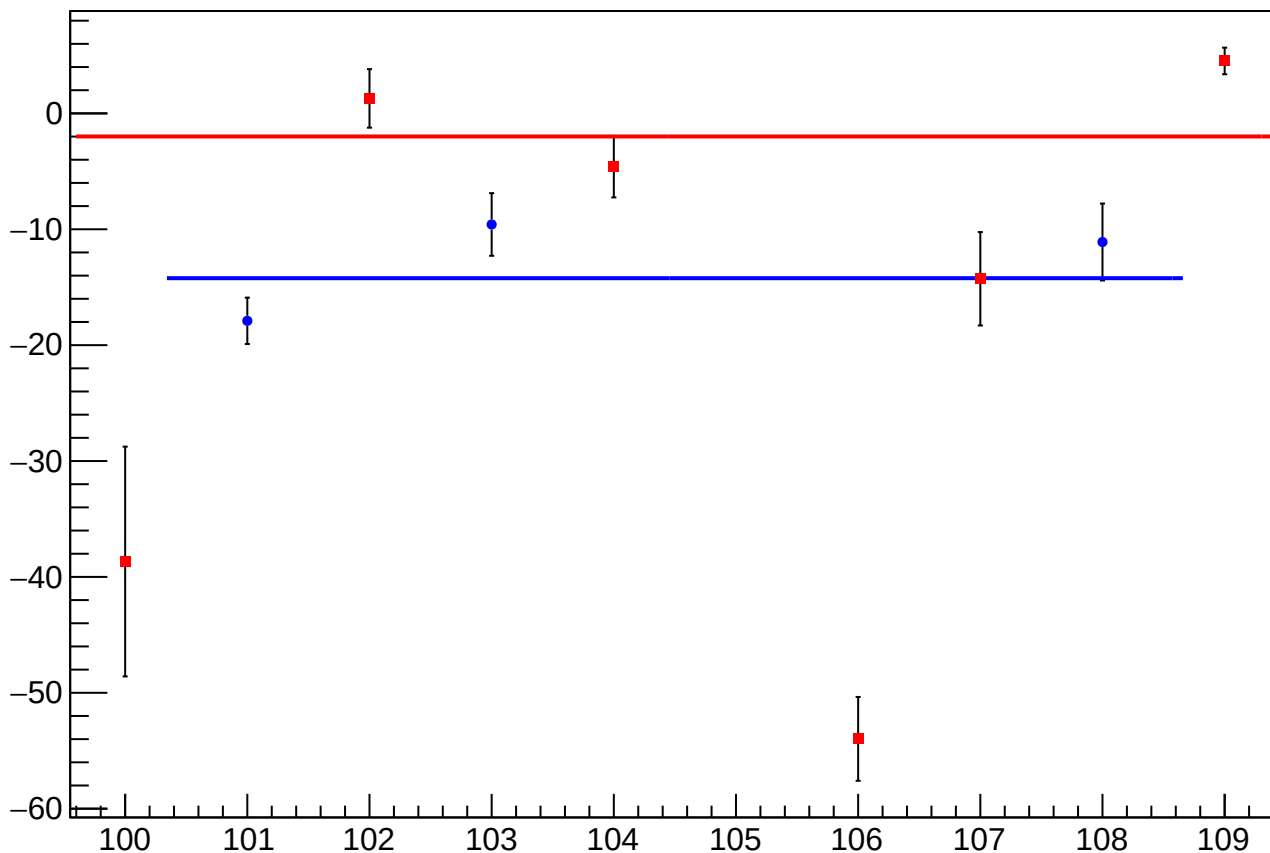
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.038 $\pm$ 0.026 χ^2 /NDF: 570.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -14.221 $\pm$ 1.448 χ^2 /NDF: 7.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.991 $\pm$ 0.910 χ^2 /NDF: 264.5/5

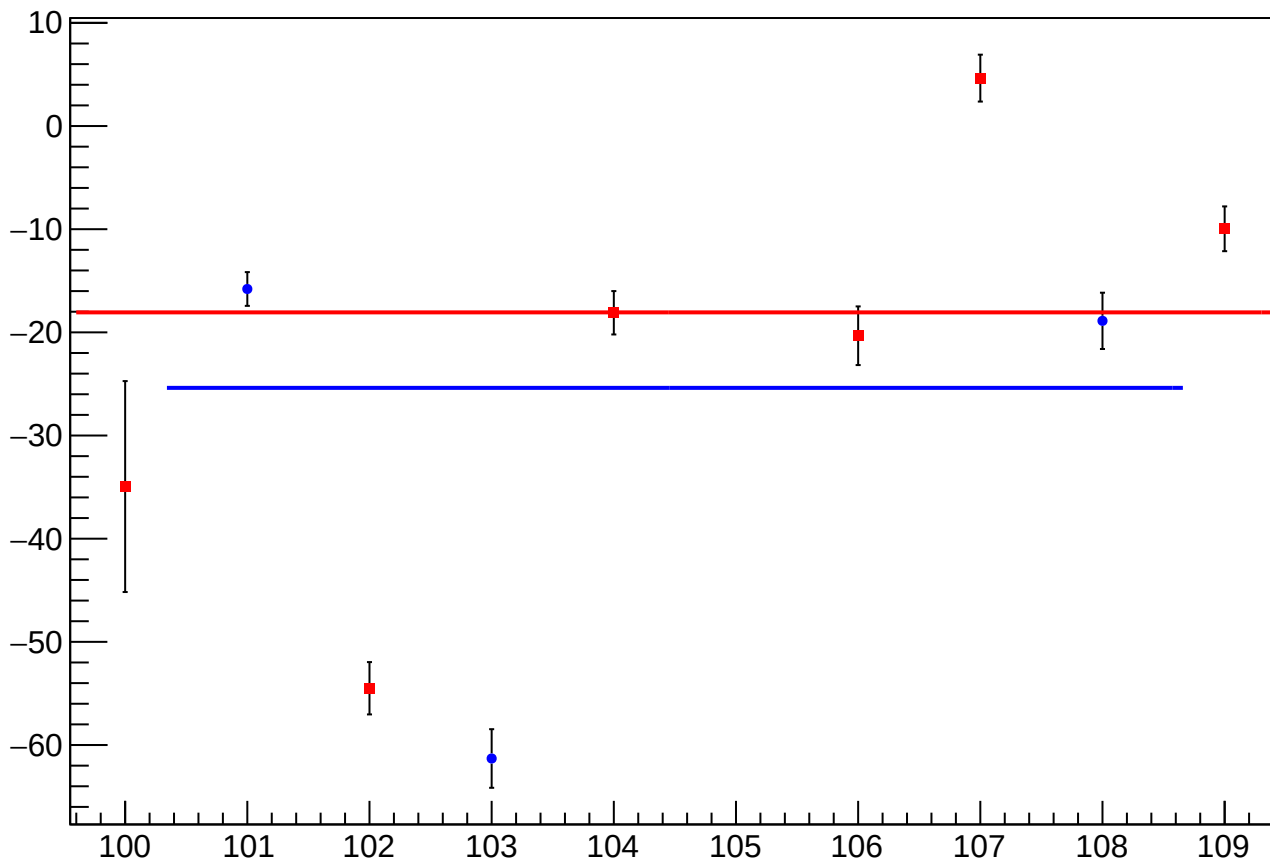
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.452 $\pm$ 0.770 χ^2 /NDF: 322.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: -25.380 ± 1.258 $\chi^2/\text{NDF}: 199.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.063 ± 1.042 $\chi^2/\text{NDF}: 323.5/5$

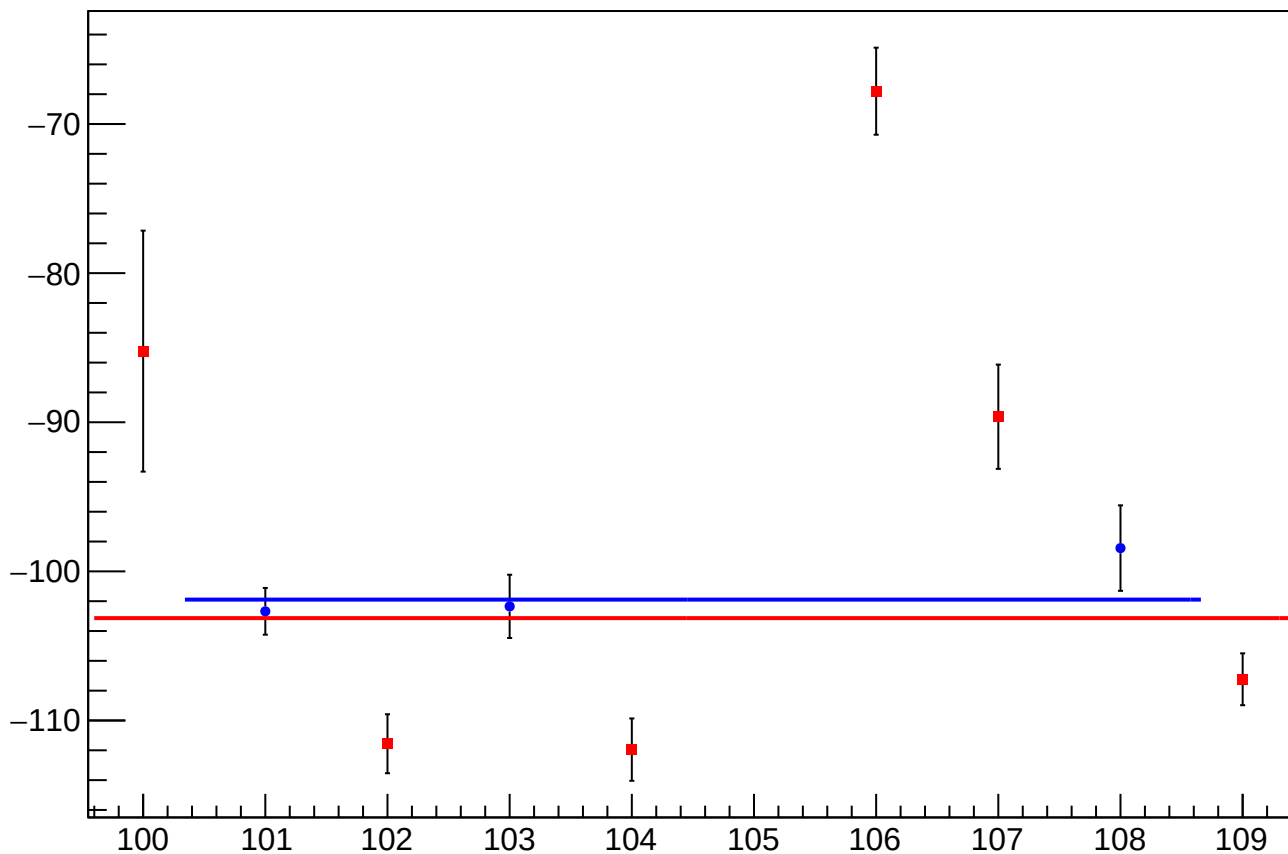
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -21.040 ± 0.803 $\chi^2/\text{NDF}: 543.5/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -101.893+/-1.154 χ^2/NDF : 1.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.136+/-0.986 χ^2/NDF : 207.9/5

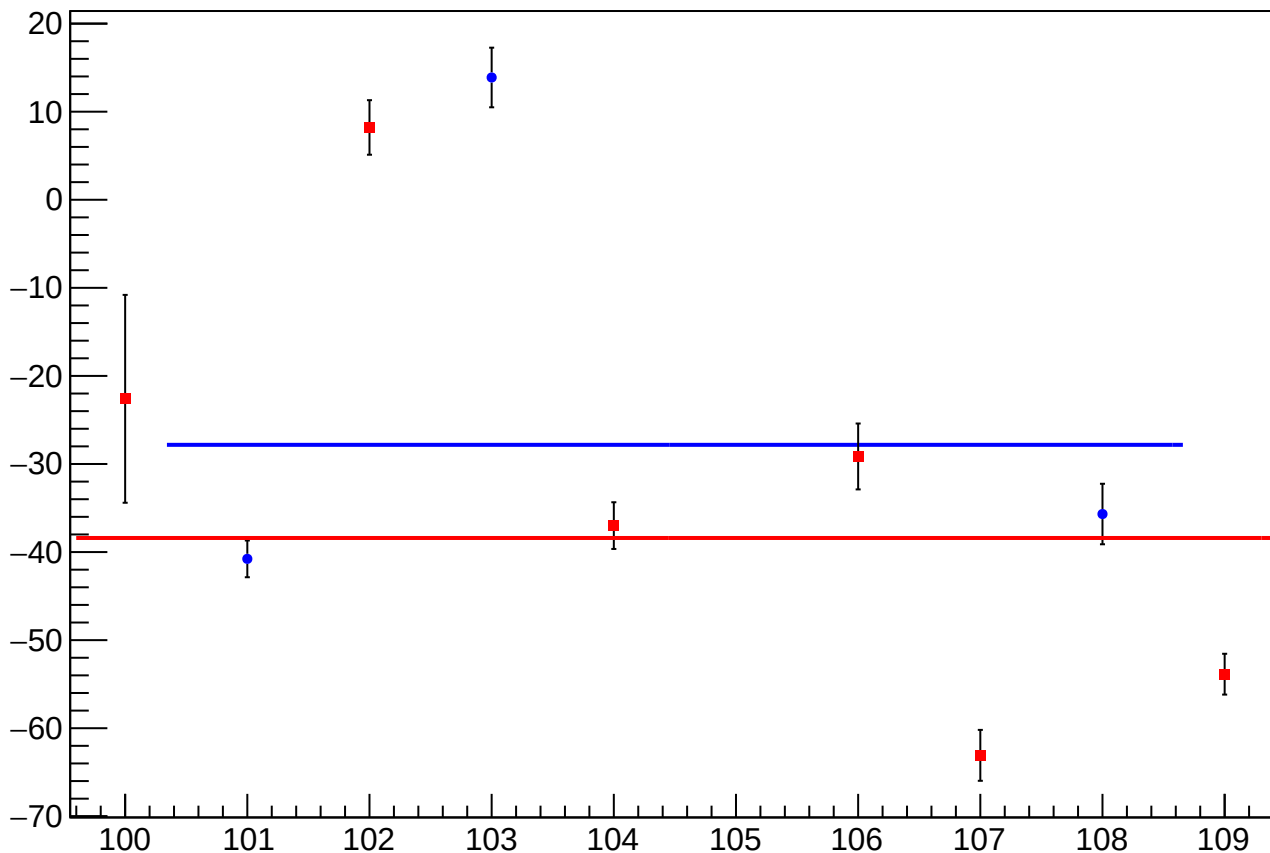
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.612+/-0.749 χ^2/NDF : 210.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -27.825 $\pm$ 1.578 χ^2 /NDF: 195.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.401 $\pm$ 1.259 χ^2 /NDF: 352.2/5

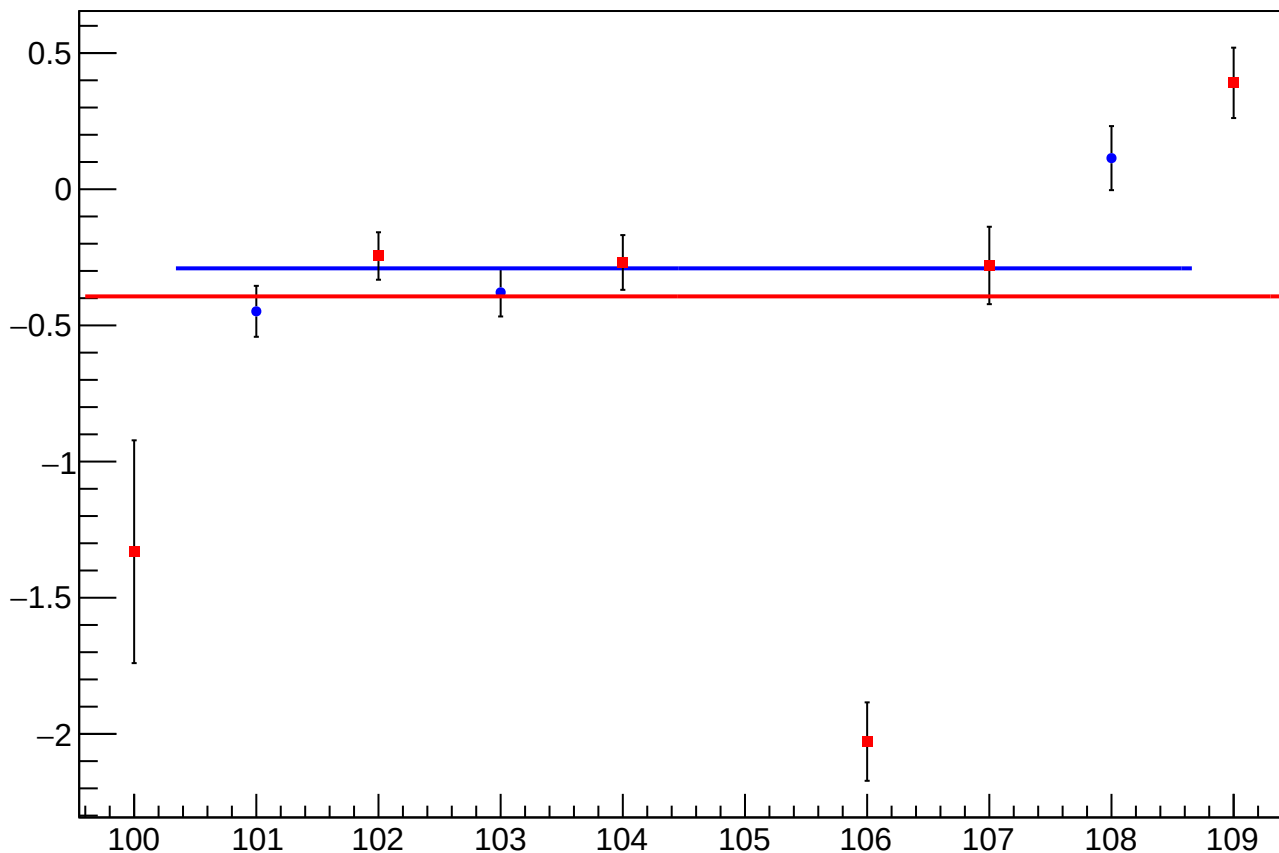
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -34.287 $\pm$ 0.984 χ^2 /NDF: 575.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.290 ± 0.056 χ^2/NDF : 15.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.393 ± 0.050 χ^2/NDF : 176.0/5

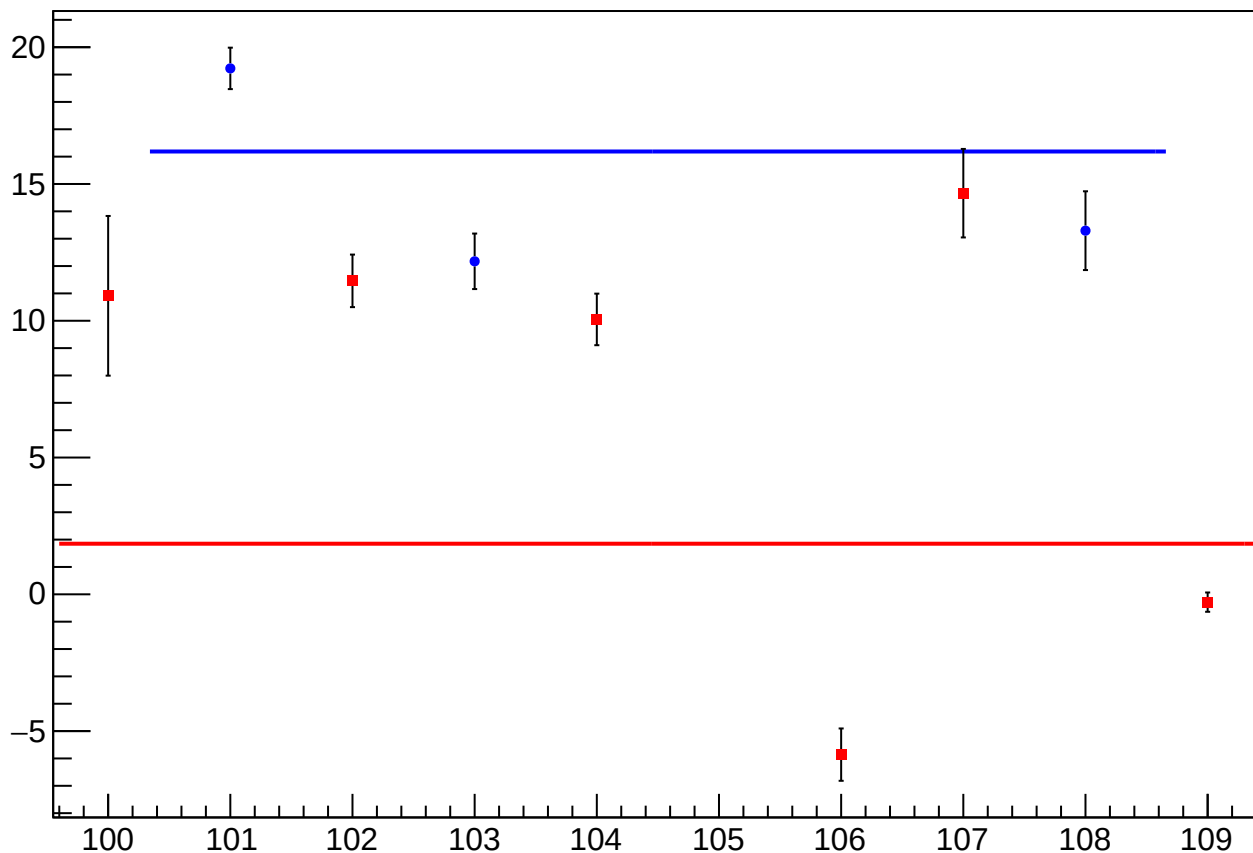
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.348 ± 0.038 χ^2/NDF : 193.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 16.188 $\pm$ 0.559 χ^2 /NDF: 35.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.850 $\pm$ 0.291 χ^2 /NDF: 349.8/5

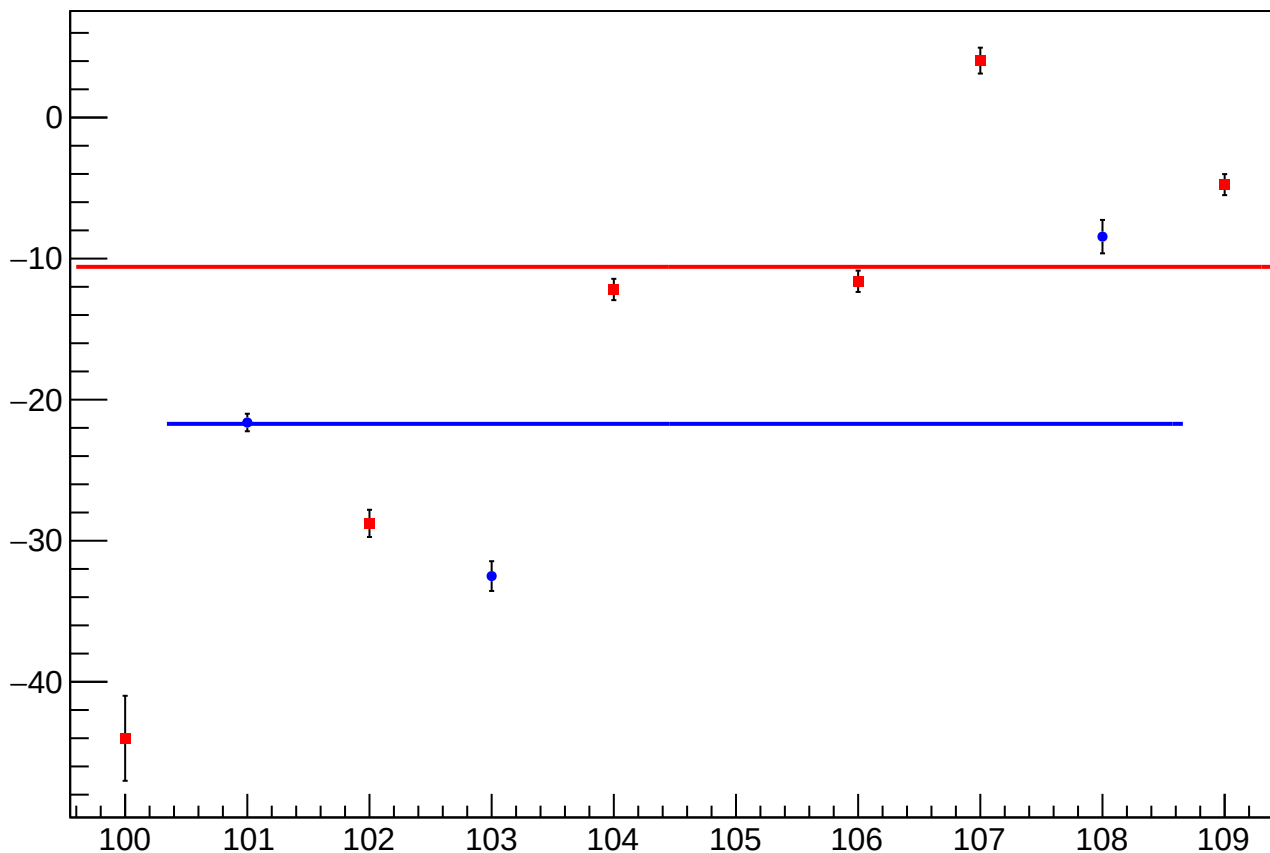
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.897 $\pm$ 0.258 χ^2 /NDF: 903.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: -21.714 $\pm$ 0.488 χ^2 /NDF: 230.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -10.584 $\pm$ 0.361 χ^2 /NDF: 800.1/5

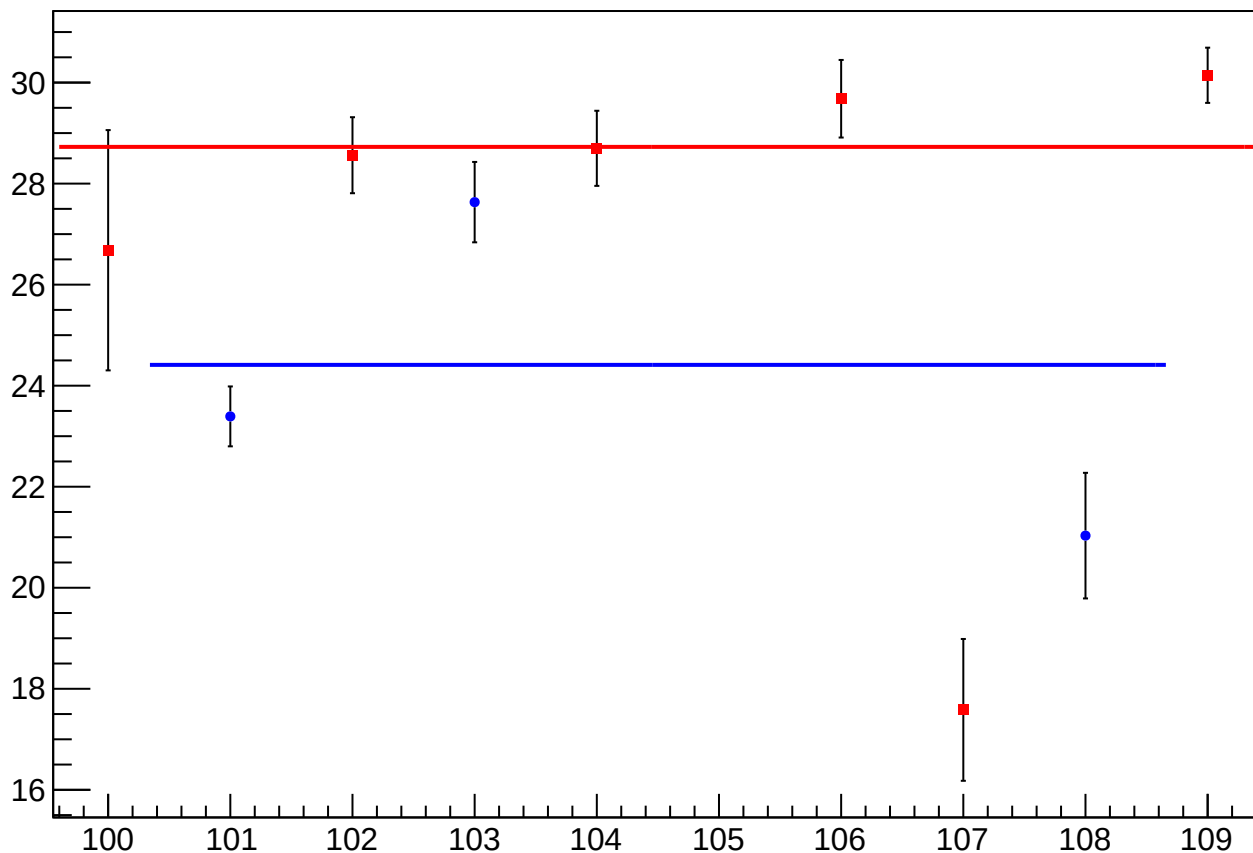
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.527 $\pm$ 0.290 χ^2 /NDF: 1366.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 24.412 $\pm$ 0.444 χ^2 /NDF: 26.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.727 $\pm$ 0.328 χ^2 /NDF: 72.1/5

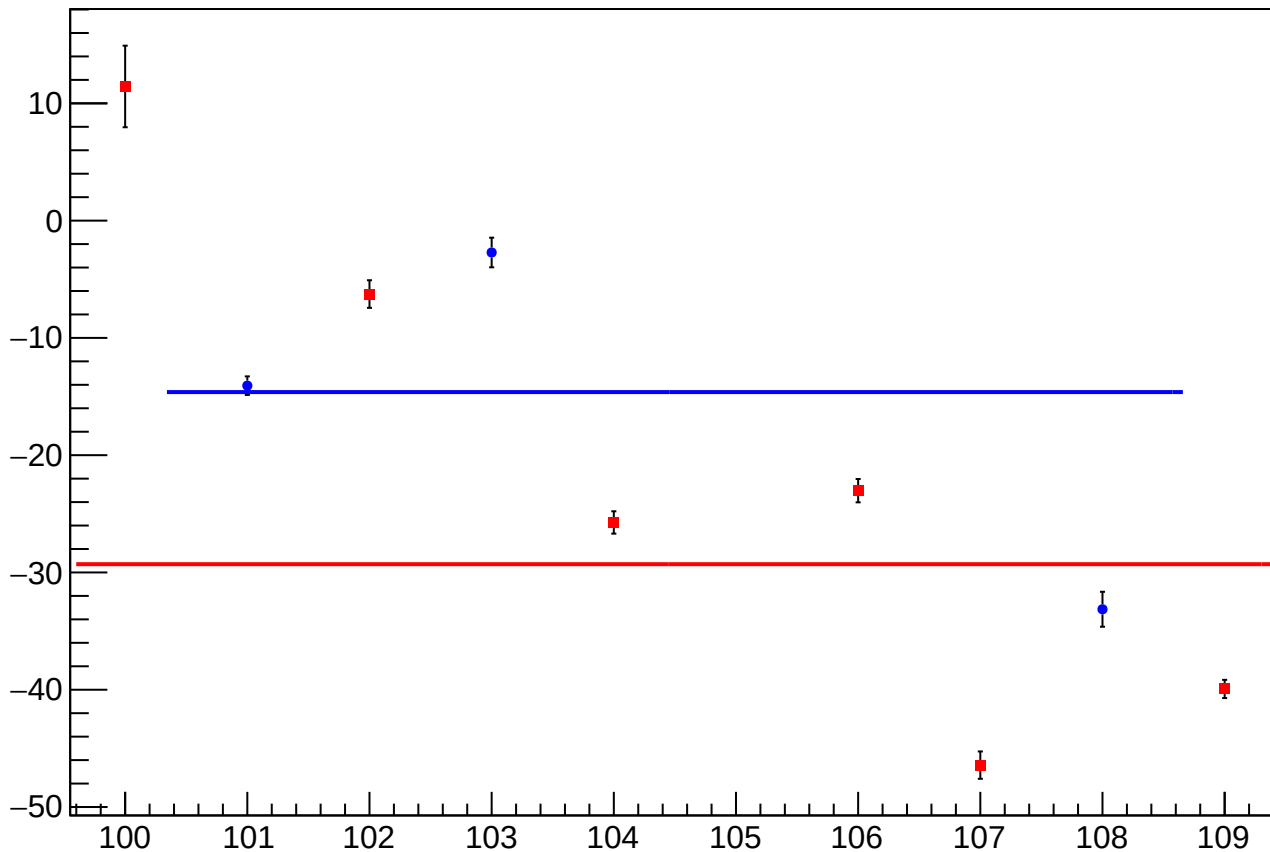
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.205 $\pm$ 0.264 χ^2 /NDF: 160.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -14.619 ± 0.611 χ^2/NDF : 243.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.296 ± 0.434 χ^2/NDF : 976.9/5

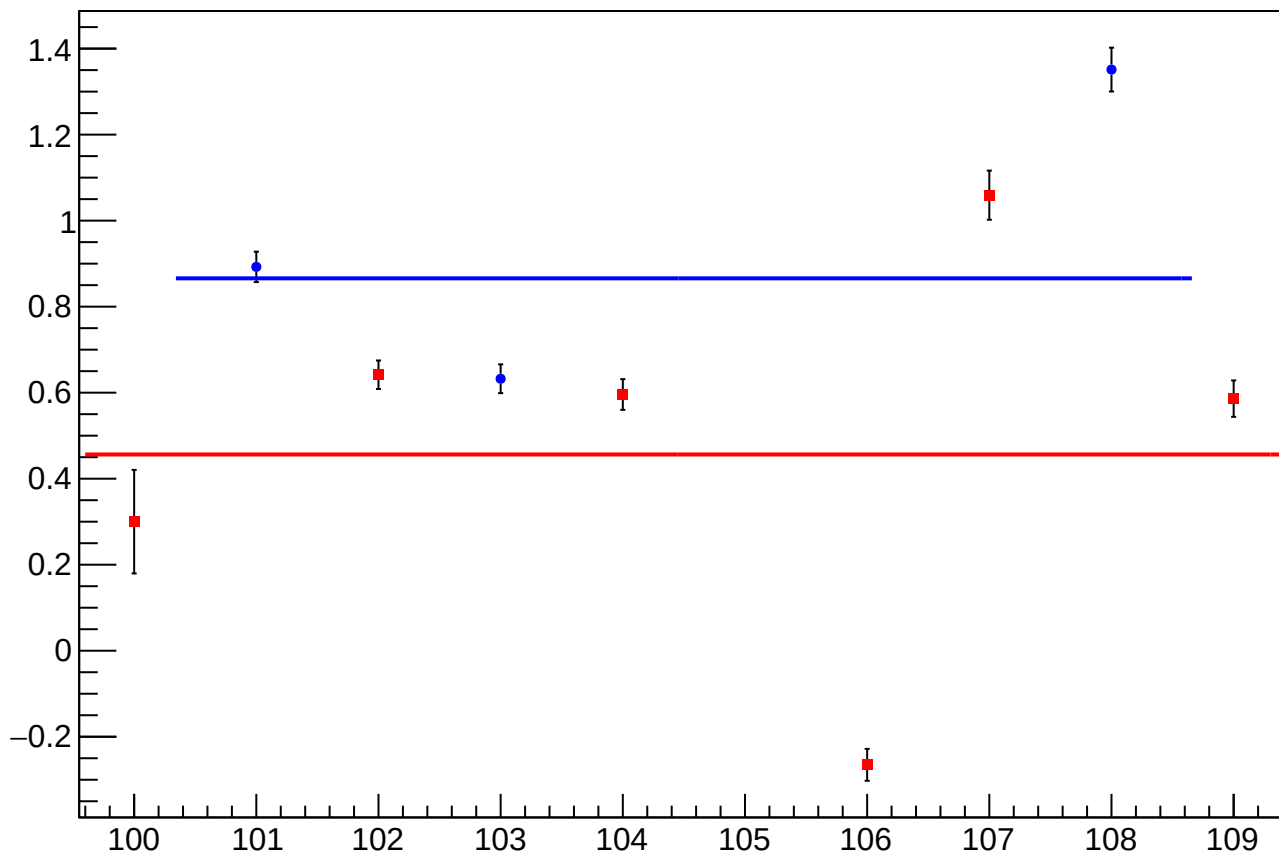
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.378 ± 0.354 χ^2/NDF : 1603.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.866 ± 0.022 $\chi^2/\text{NDF}: 140.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.456 ± 0.017 $\chi^2/\text{NDF}: 547.1/5$

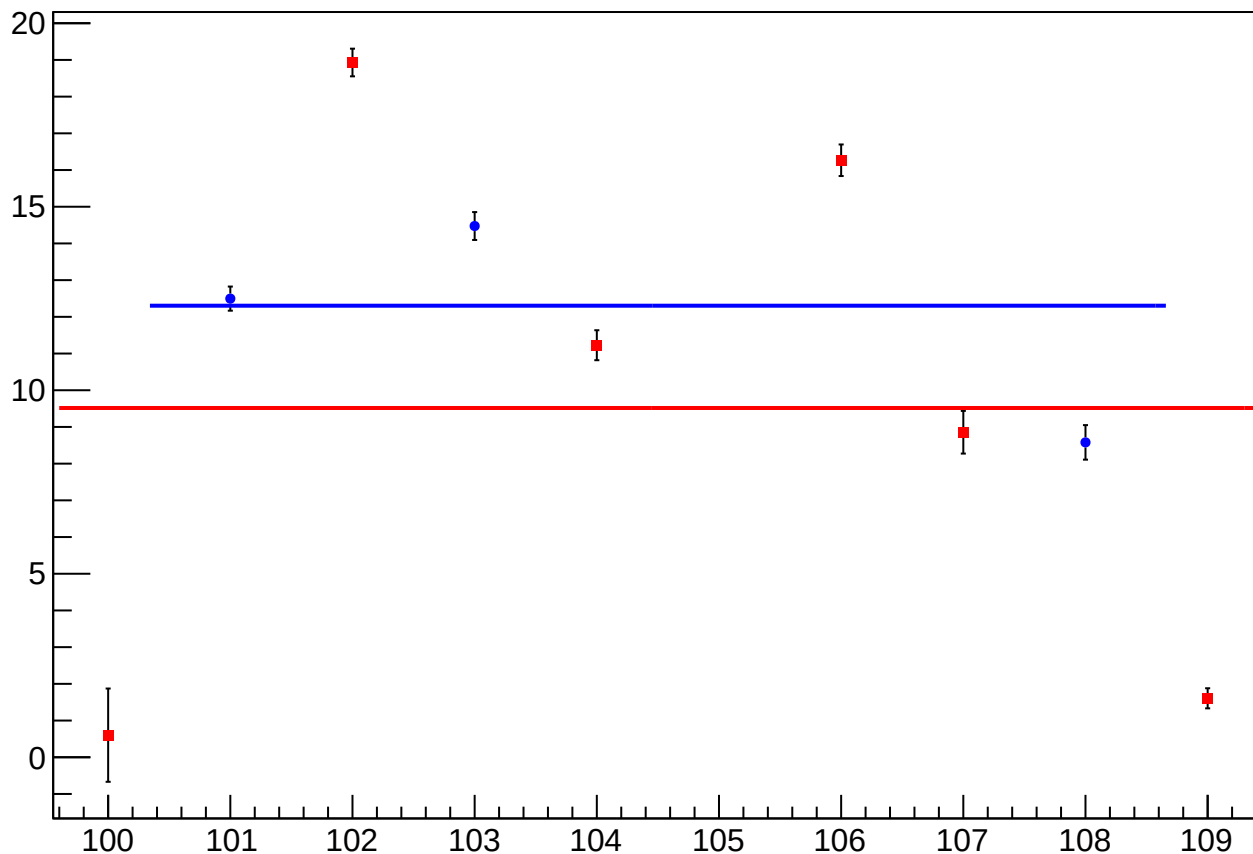
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.613 ± 0.014 $\chi^2/\text{NDF}: 902.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 12.303 $\pm$ 0.220 χ^2 /NDF: 95.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.516 $\pm$ 0.168 χ^2 /NDF: 1773.0/5

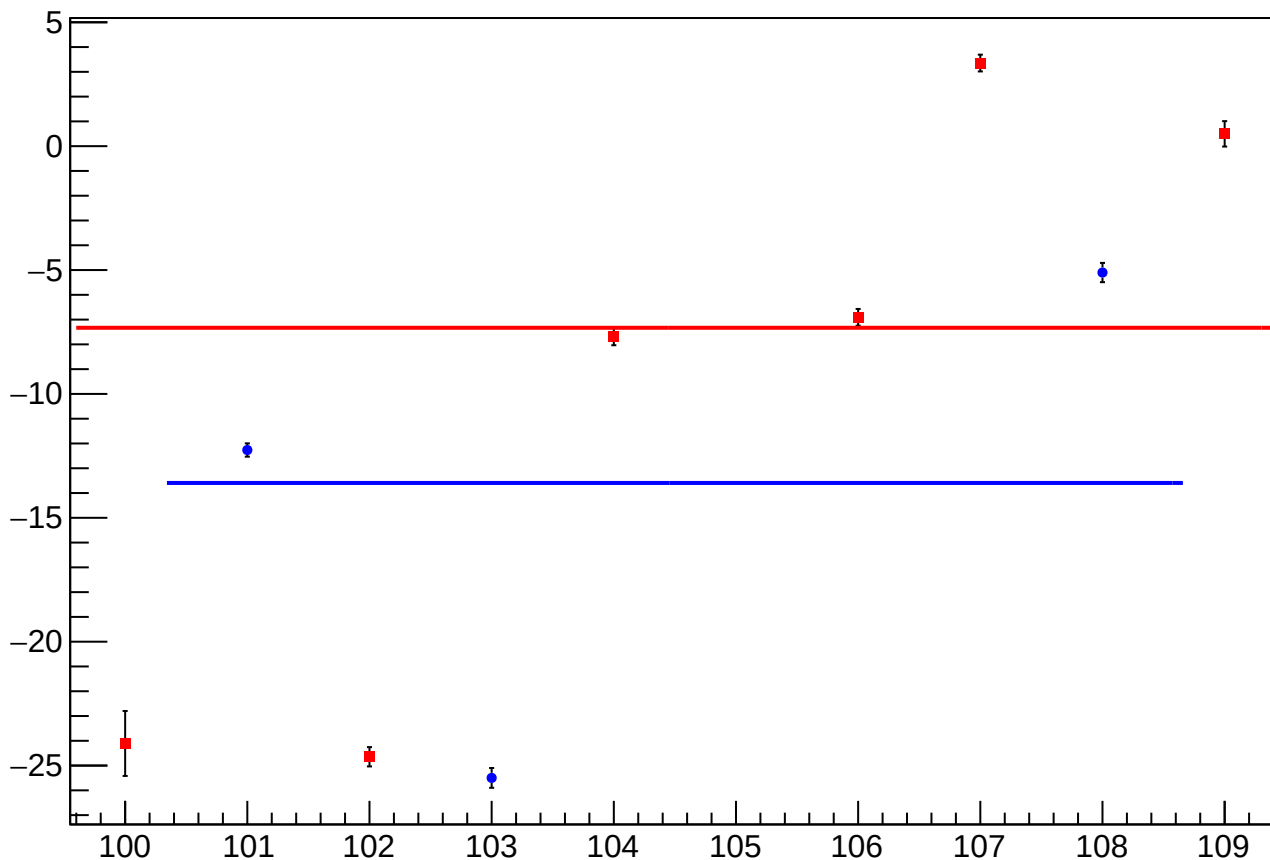
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.545 $\pm$ 0.134 χ^2 /NDF: 1970.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: -13.593 ± 0.193 $\chi^2/\text{NDF}: 1389.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.330 ± 0.165 $\chi^2/\text{NDF}: 3372.0/5$

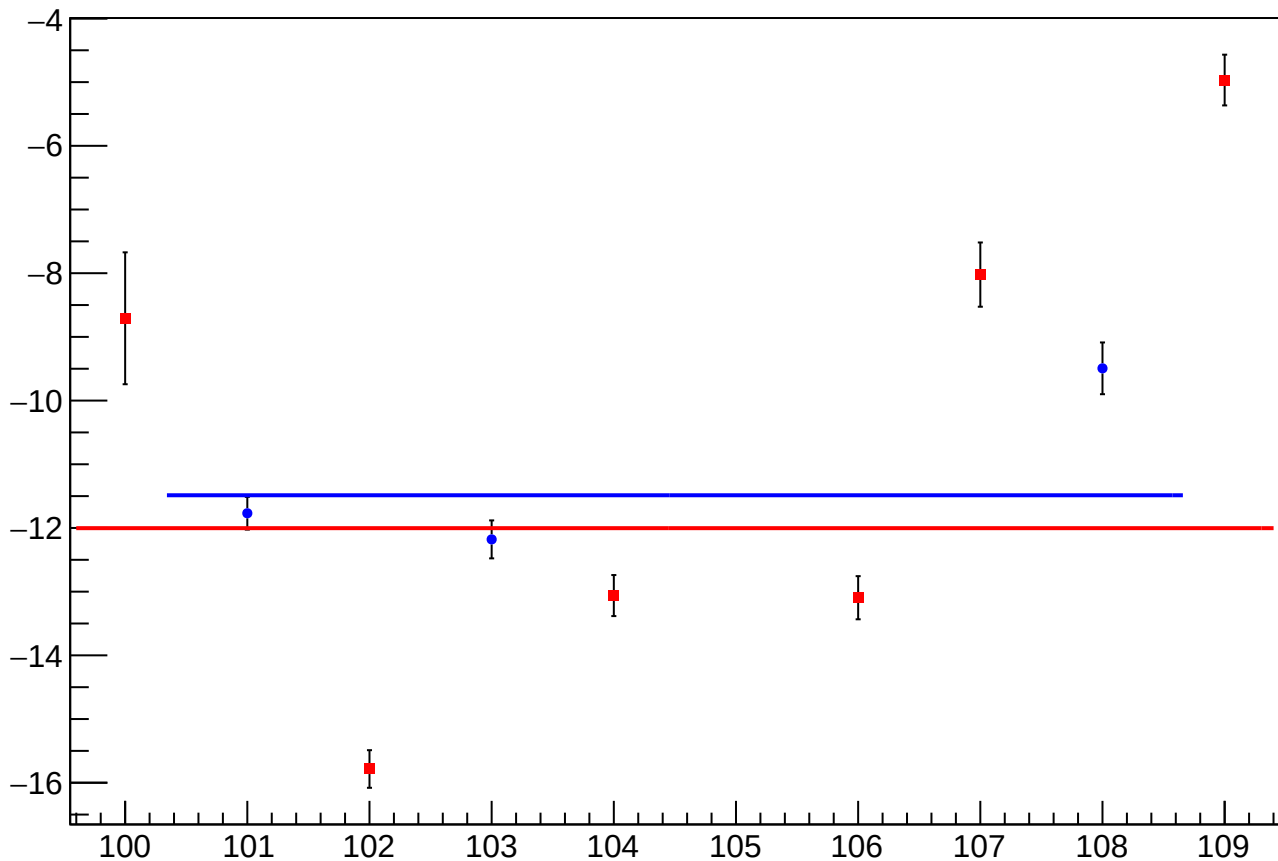
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -9.960 ± 0.125 $\chi^2/\text{NDF}: 5369.8/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -11.487 $\pm$ 0.176 χ^2 /NDF: 30.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.003 $\pm$ 0.156 χ^2 /NDF: 569.5/5

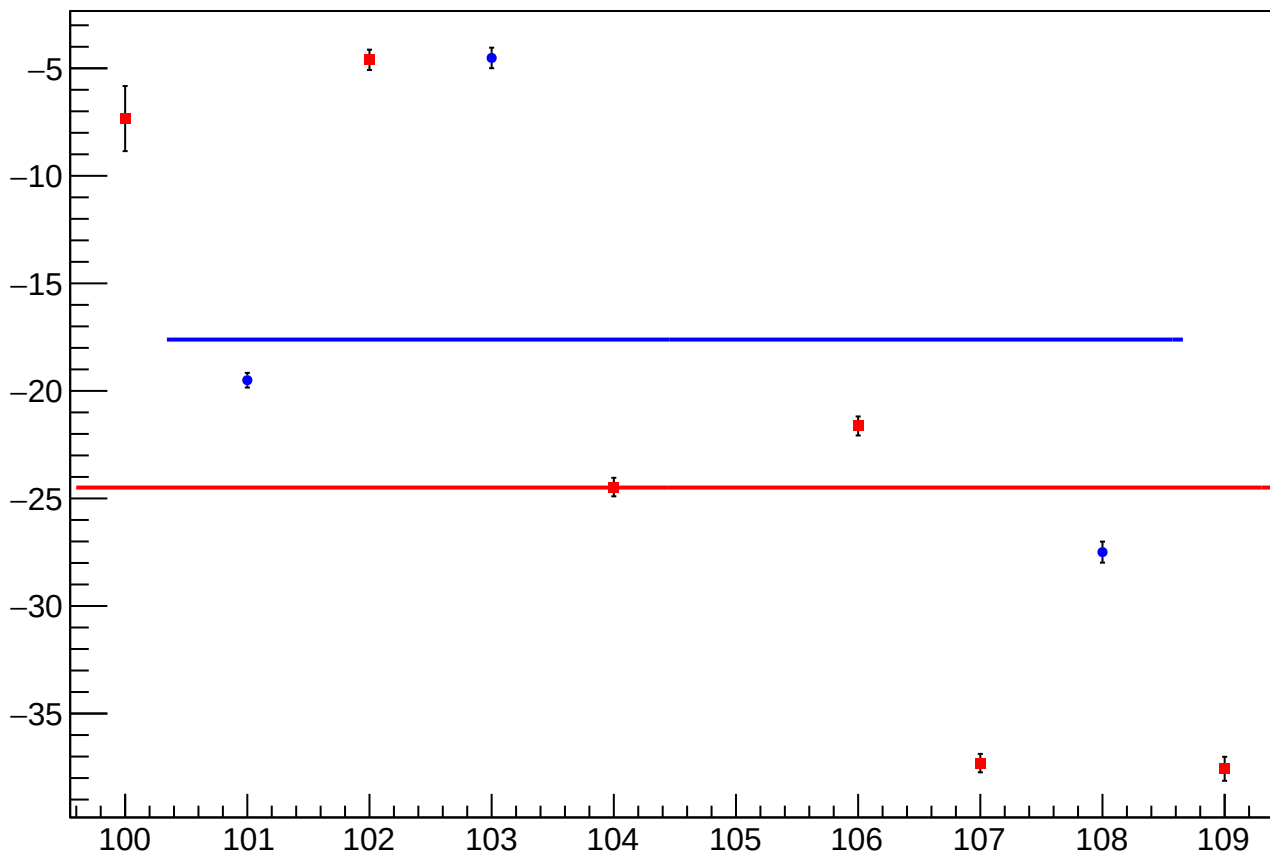
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.775 $\pm$ 0.117 χ^2 /NDF: 605.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -17.613 ± 0.241 χ^2/NDF : 1191.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.493 ± 0.204 χ^2/NDF : 3384.9/5

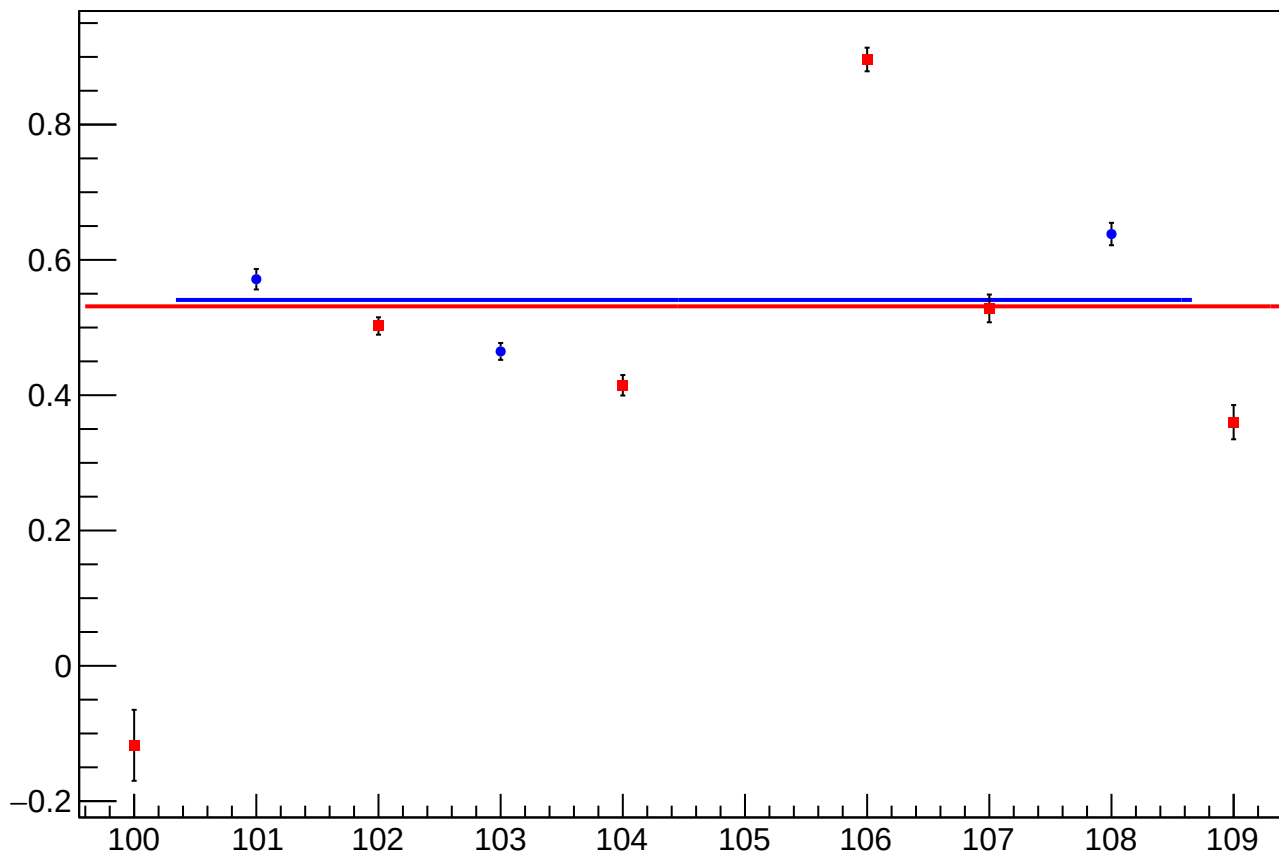
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.628 ± 0.156 χ^2/NDF : 5050.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.541 $\pm$ 0.008 χ^2 /NDF: 75.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.531 $\pm$ 0.007 χ^2 /NDF: 700.1/5

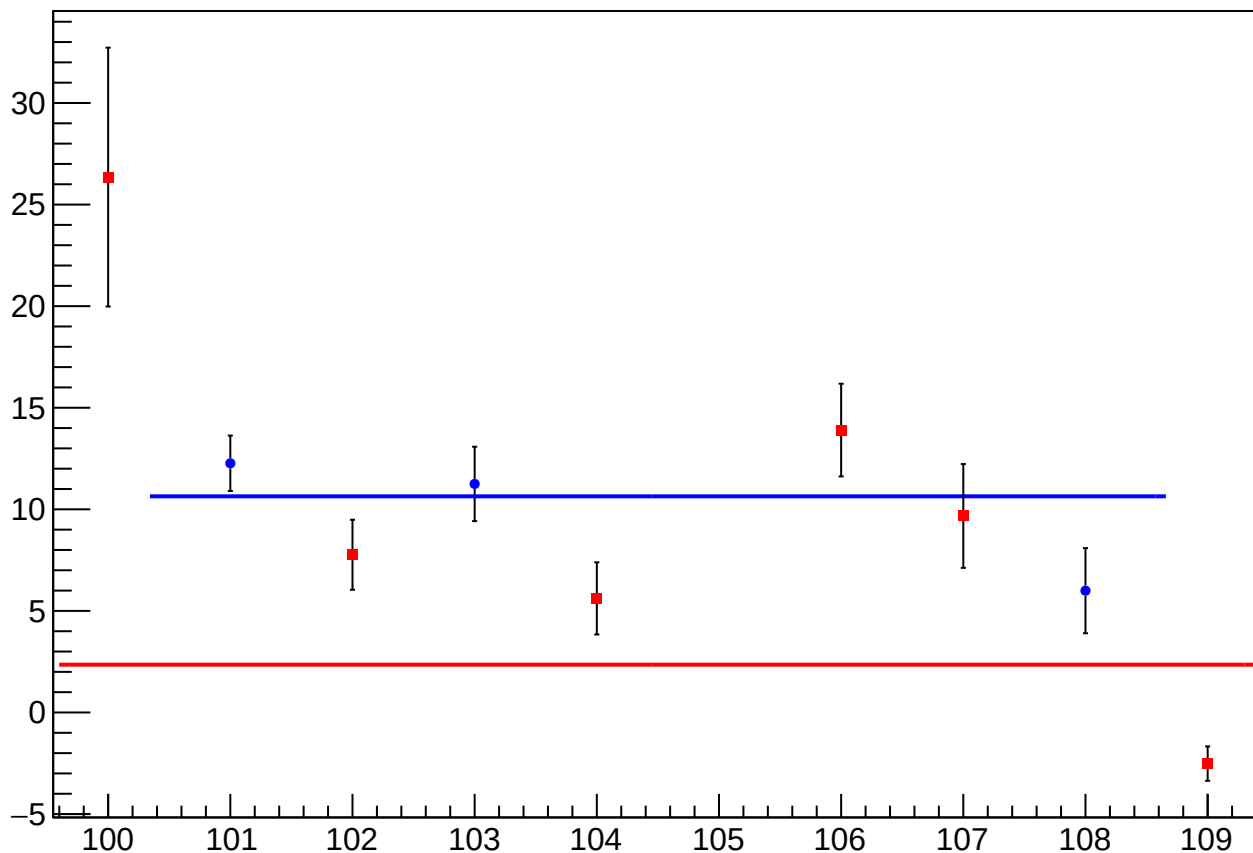
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.536 $\pm$ 0.006 χ^2 /NDF: 776.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 10.640 $\pm$ 0.970 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.353 $\pm$ 0.643 χ^2 /NDF: 94.3/5

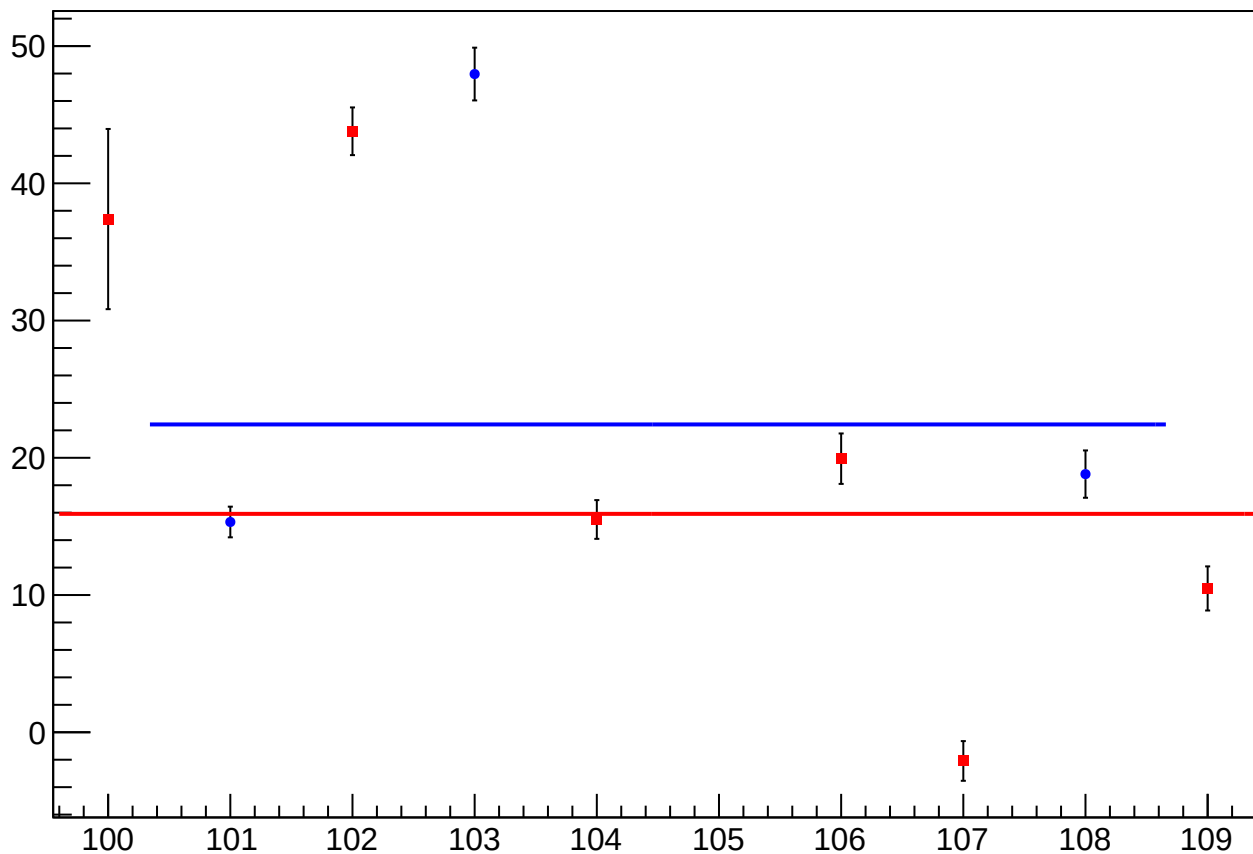
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.884 $\pm$ 0.536 χ^2 /NDF: 151.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: 22.431 $\pm$ 0.843 χ^2 /NDF: 221.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.914 $\pm$ 0.704 χ^2 /NDF: 439.3/5

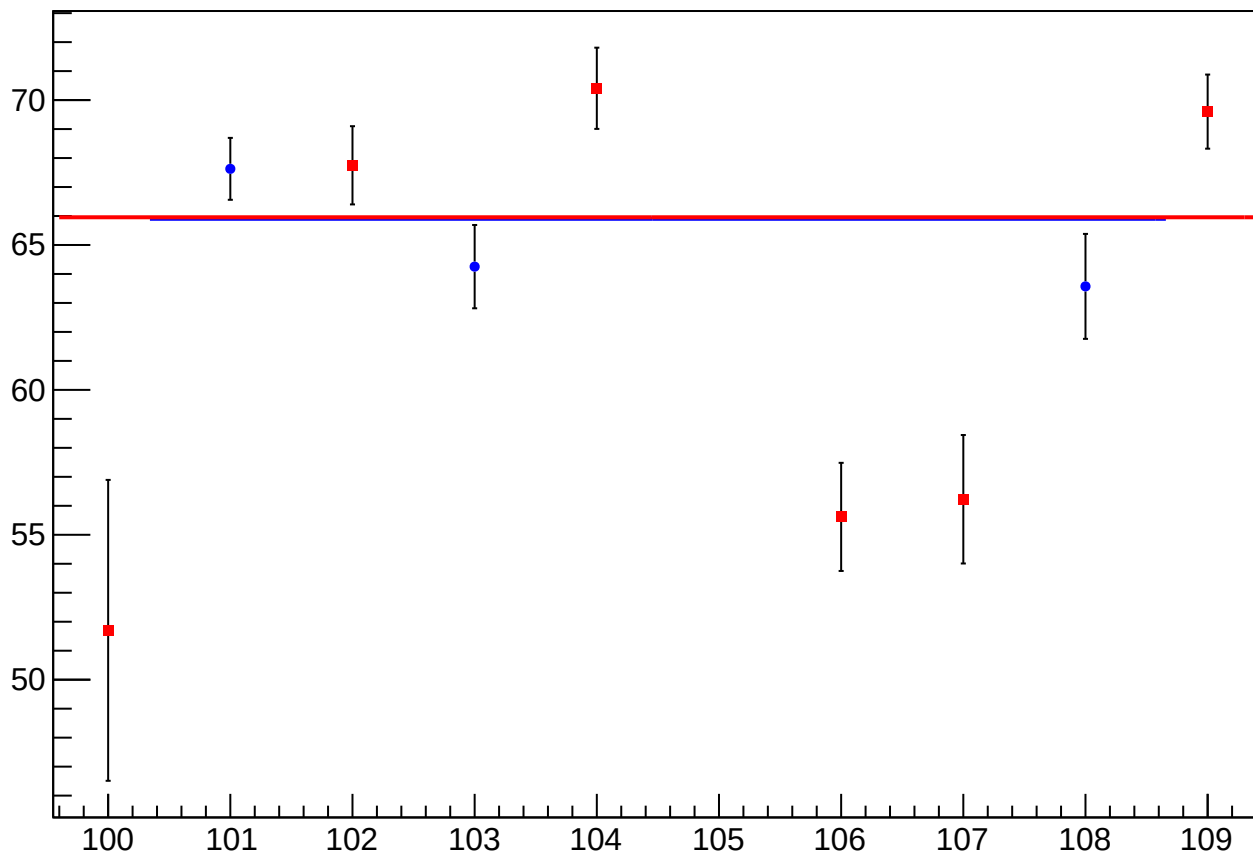
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.593 $\pm$ 0.540 χ^2 /NDF: 695.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 65.904 $\pm$ 0.775 χ^2 /NDF: 5.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.956 $\pm$ 0.675 χ^2 /NDF: 77.5/5

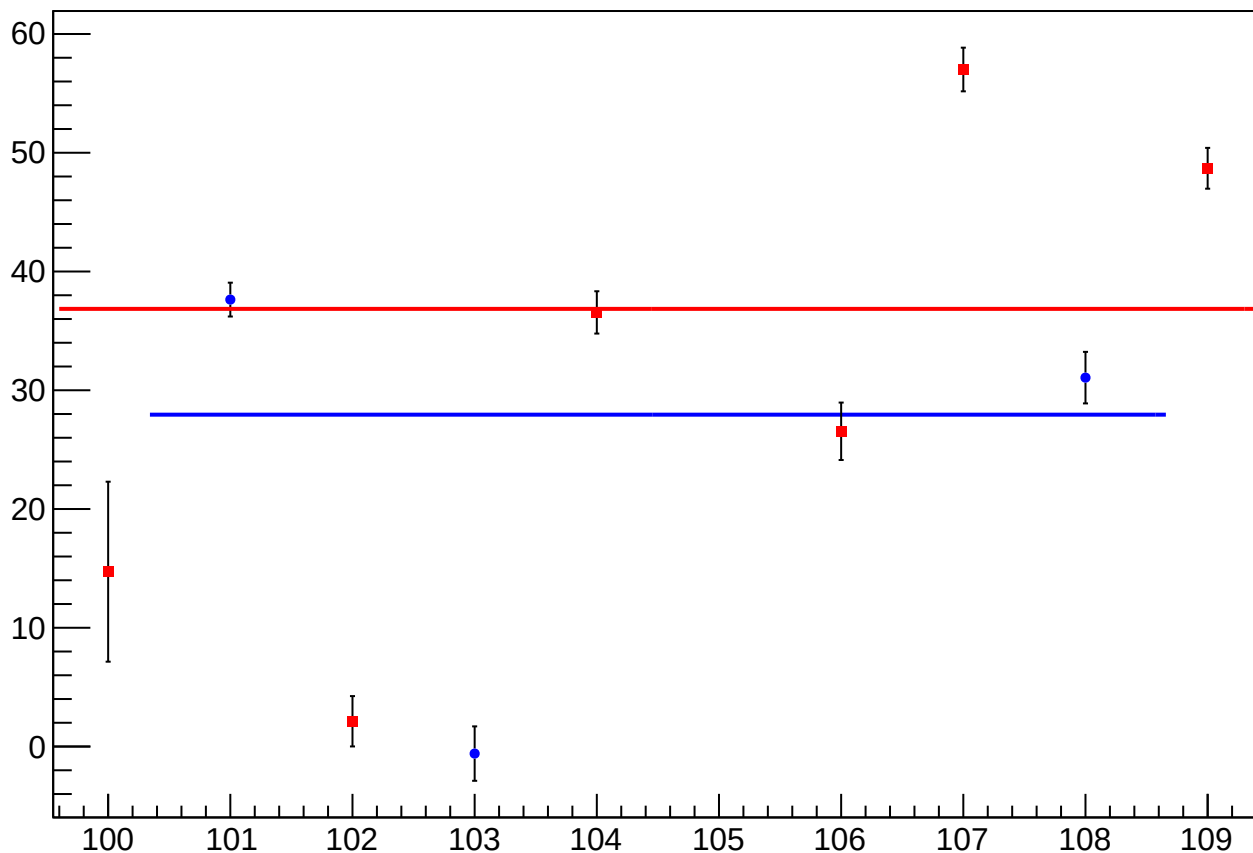
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.934 $\pm$ 0.509 χ^2 /NDF: 83.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 27.945+/-1.057 χ^2/NDF : 203.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.853+/-0.857 χ^2/NDF : 462.8/5

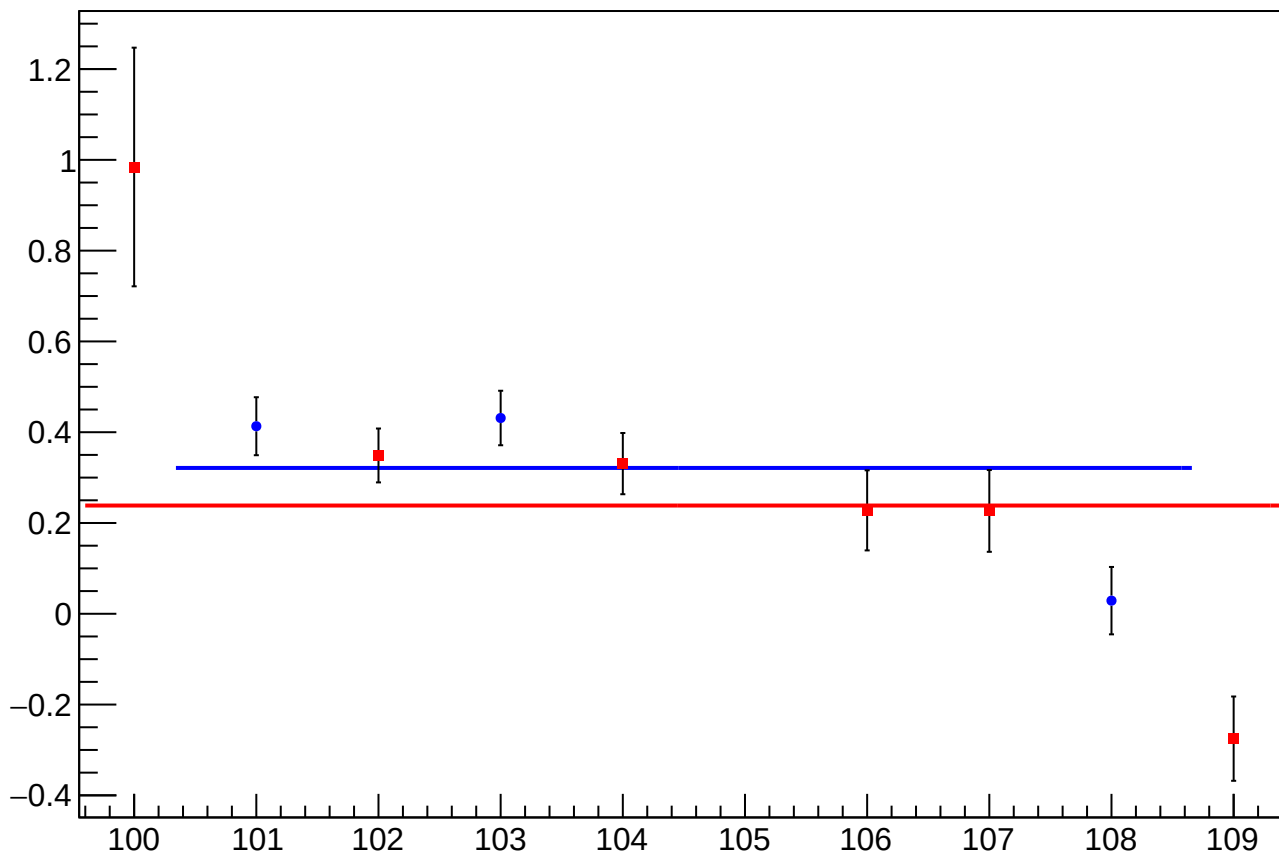
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.317+/-0.666 χ^2/NDF : 709.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.321 $\pm$ 0.038 χ^2 /NDF: 20.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.238 $\pm$ 0.034 χ^2 /NDF: 44.0/5

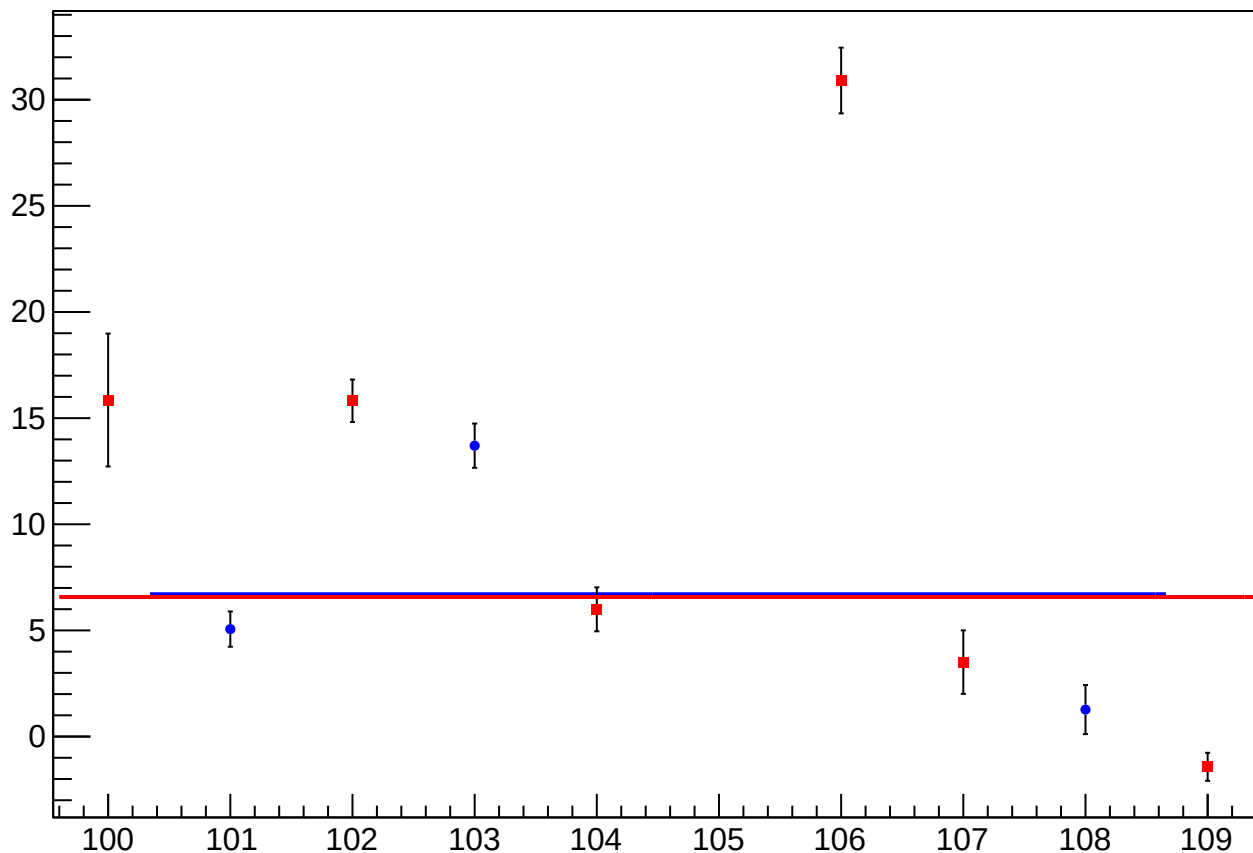
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.275 $\pm$ 0.025 χ^2 /NDF: 67.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 6.703 $\pm$ 0.566 χ^2 /NDF: 71.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.573 $\pm$ 0.439 χ^2 /NDF: 492.6/5

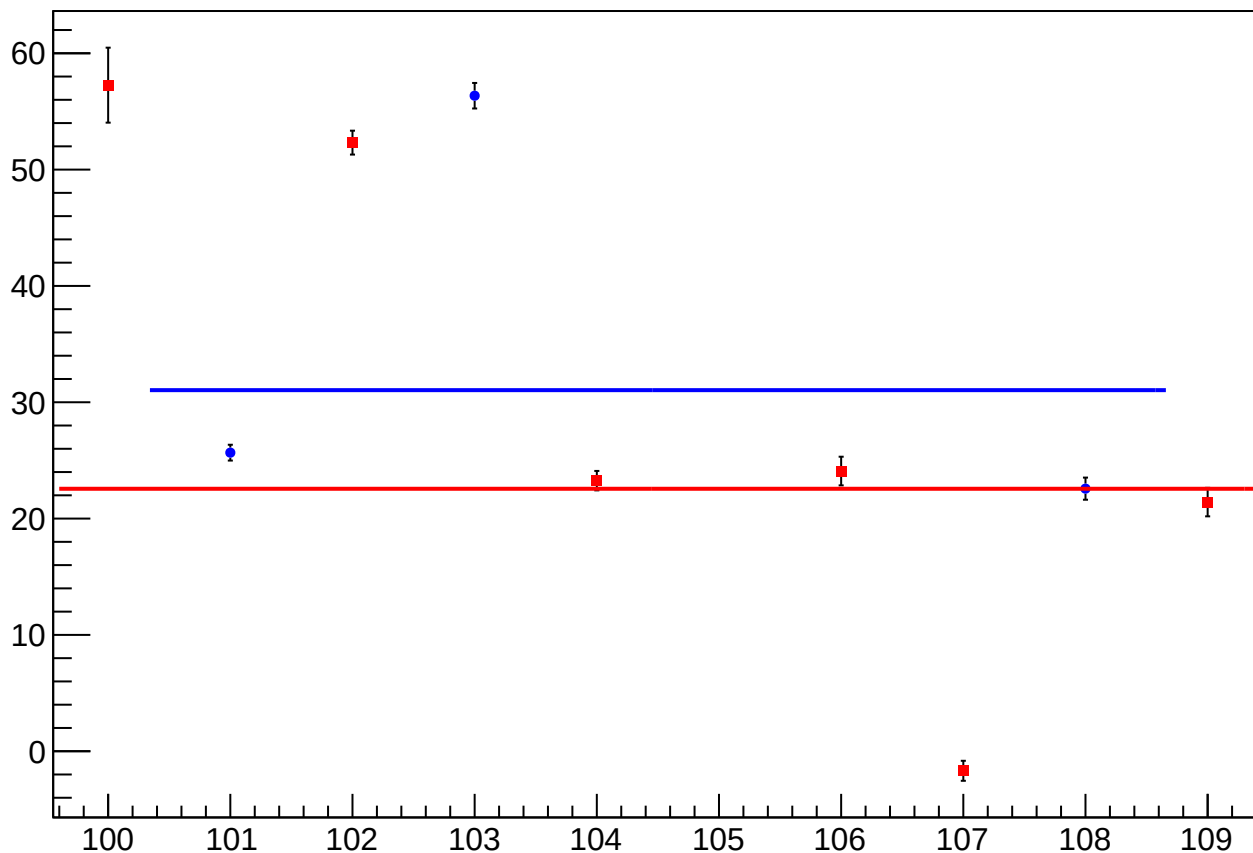
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.622 $\pm$ 0.347 χ^2 /NDF: 563.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: 31.041 $\pm$ 0.494 χ^2 /NDF: 673.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.562 $\pm$ 0.440 χ^2 /NDF: 1753.2/5

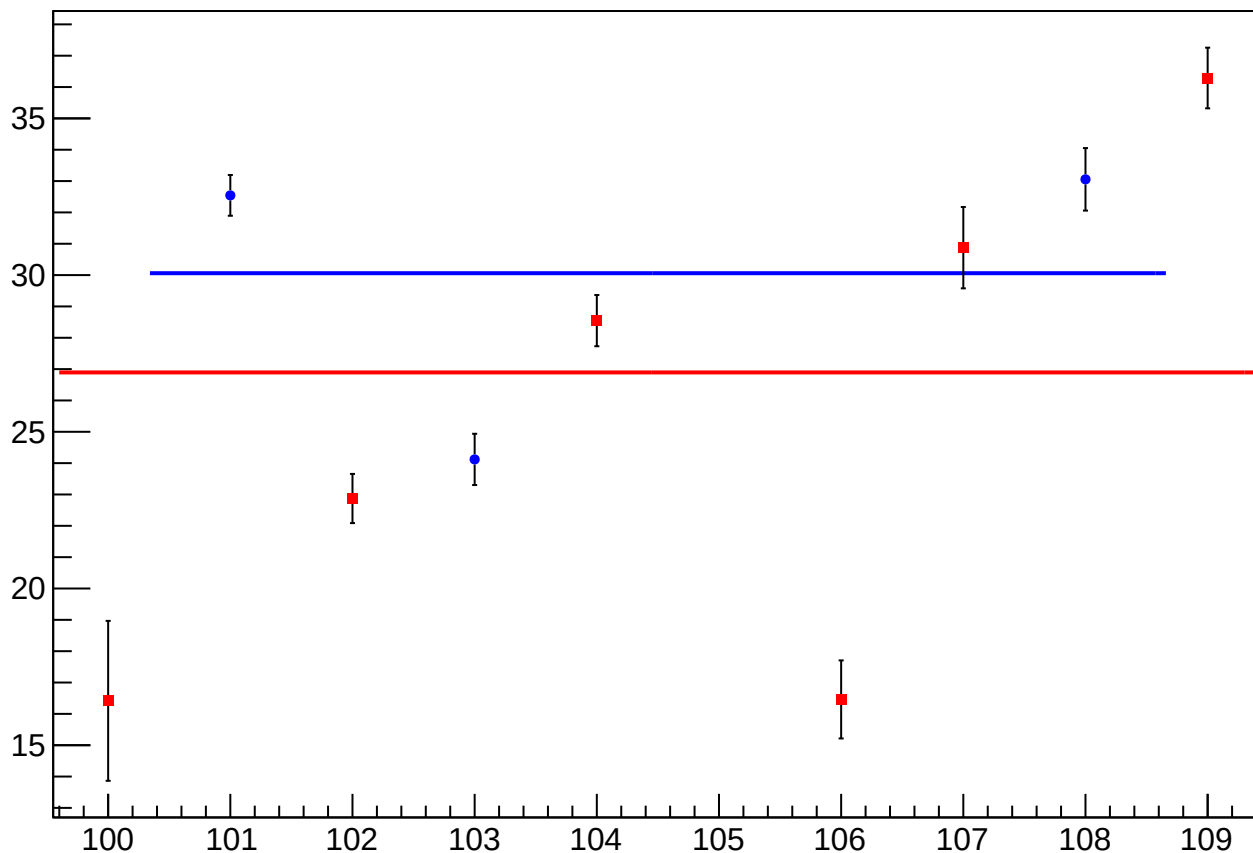
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.318 $\pm$ 0.329 χ^2 /NDF: 2591.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: 30.060 $\pm$ 0.453 χ^2 /NDF: 76.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 26.894 $\pm$ 0.423 χ^2 /NDF: 221.1/5

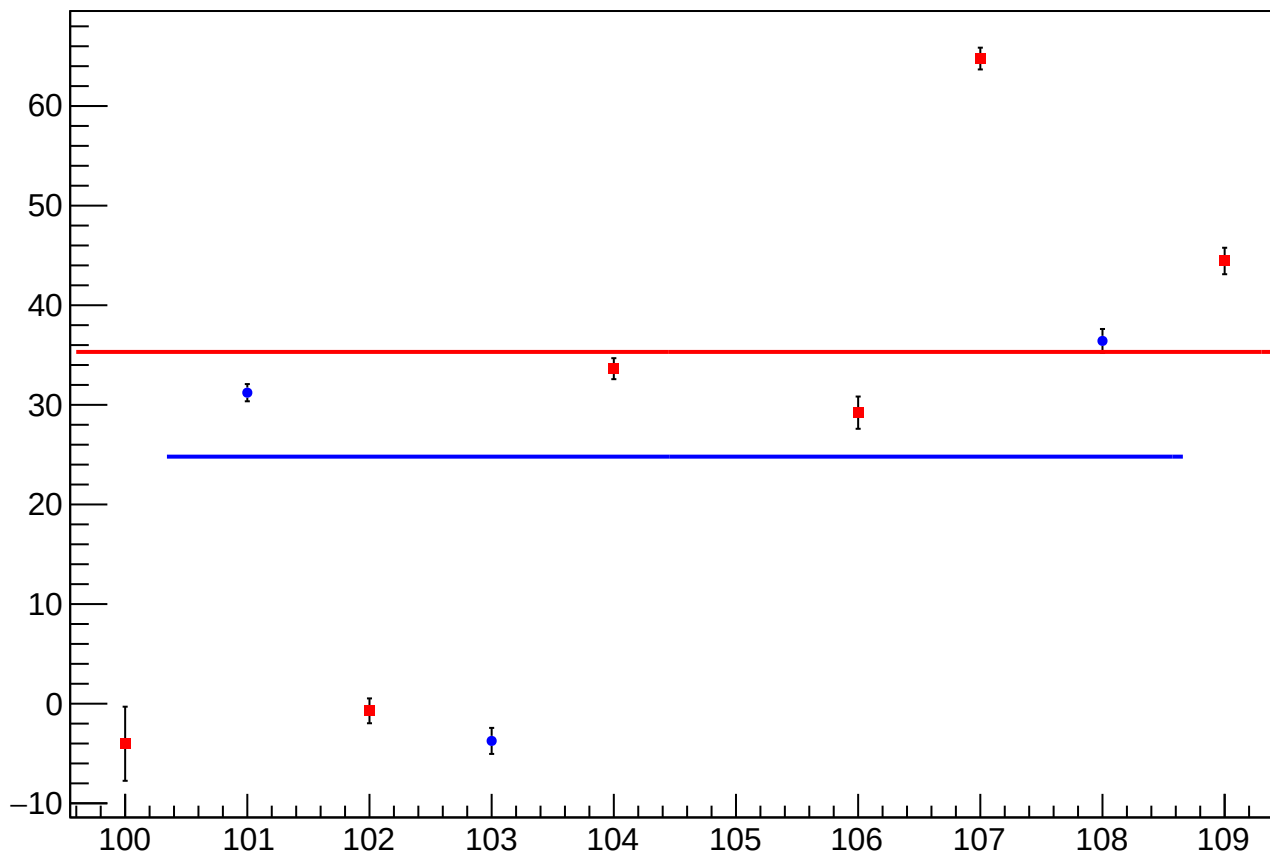
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.369 $\pm$ 0.309 χ^2 /NDF: 323.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 24.801 $\pm$ 0.618 χ^2 /NDF: 626.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.314 $\pm$ 0.542 χ^2 /NDF: 1737.0/5

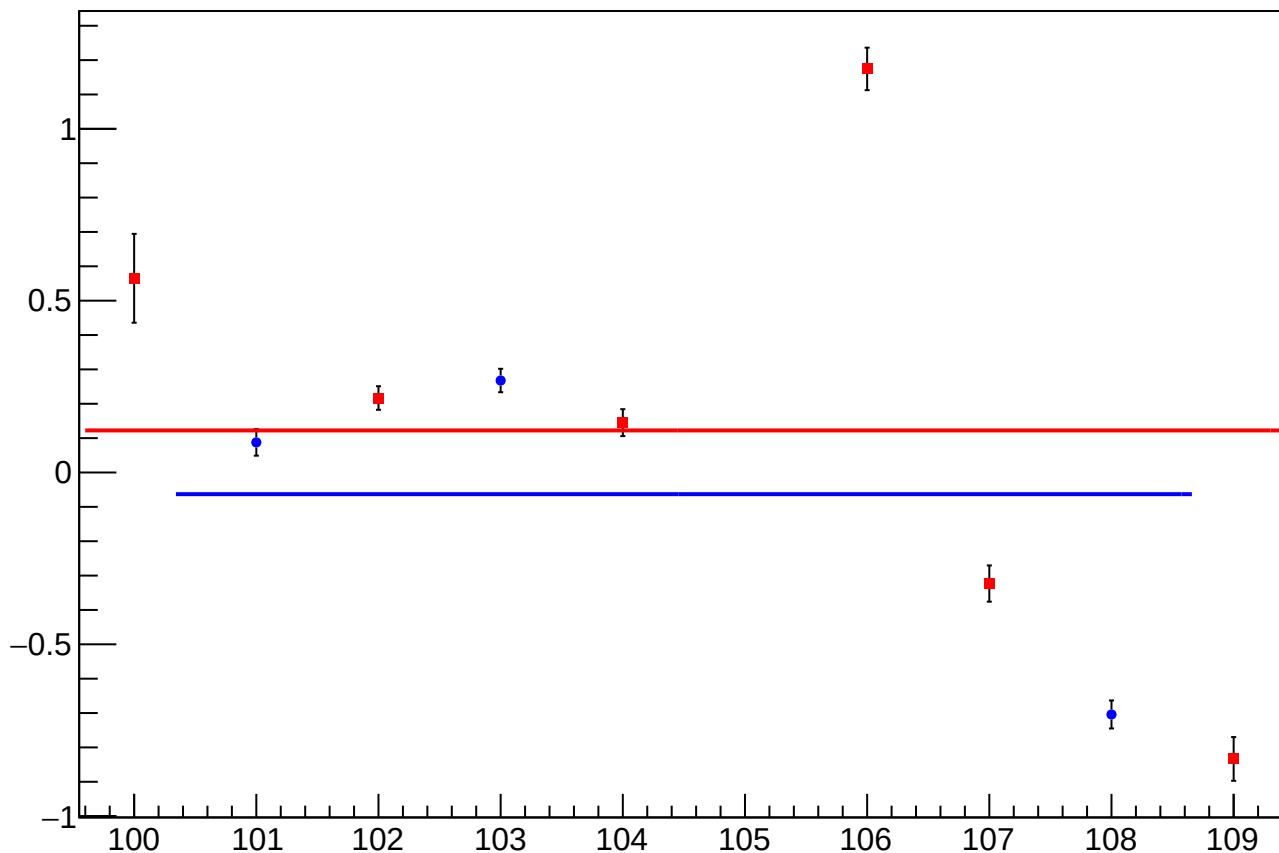
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.738 $\pm$ 0.407 χ^2 /NDF: 2526.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.063 ± 0.022 χ^2/NDF : 356.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.122 ± 0.020 χ^2/NDF : 606.1/5

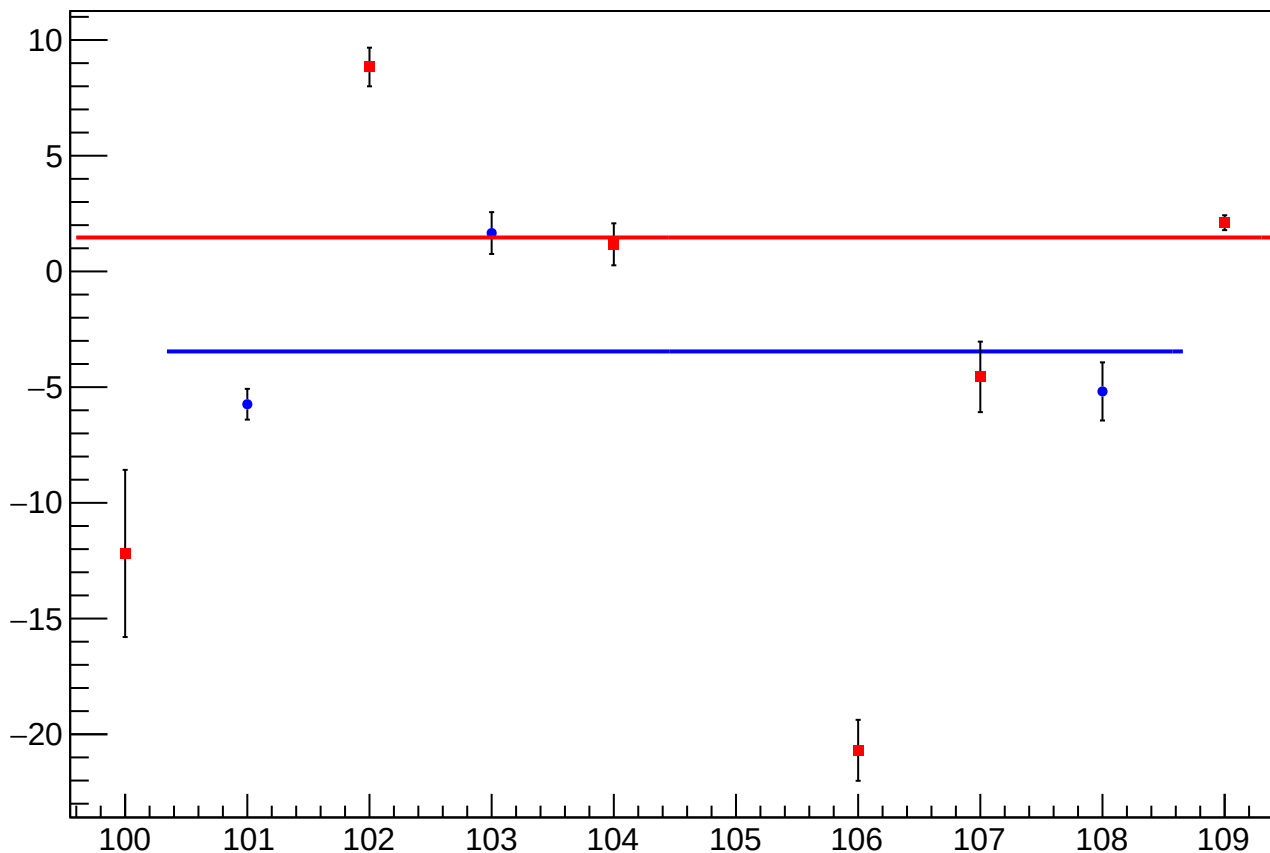
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.036 ± 0.015 χ^2/NDF : 1001.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -3.458+/-0.493 χ^2/NDF : 45.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.466+/-0.273 χ^2/NDF : 394.8/5

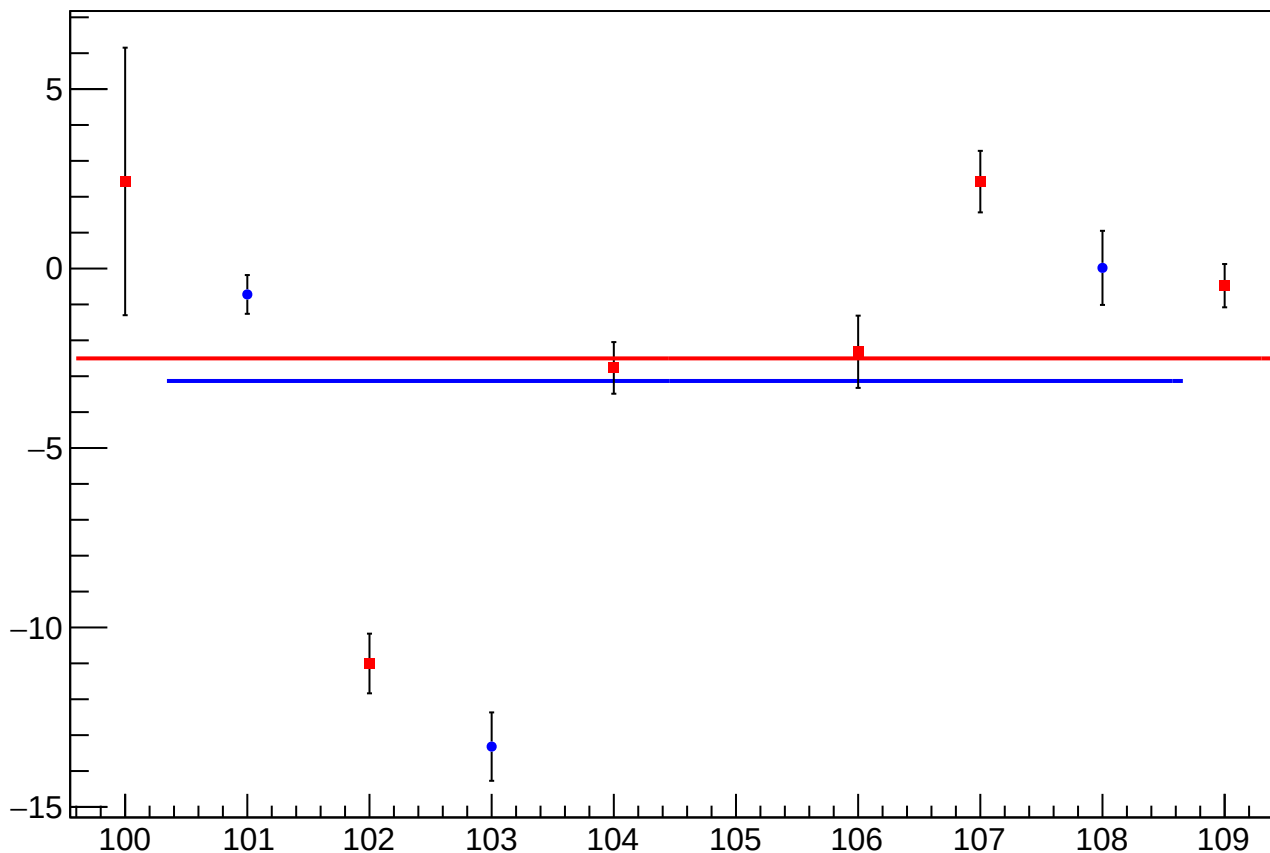
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.310+/-0.239 χ^2/NDF : 516.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -3.132 ± 0.428 χ^2/NDF : 143.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.503 ± 0.342 χ^2/NDF : 150.8/5

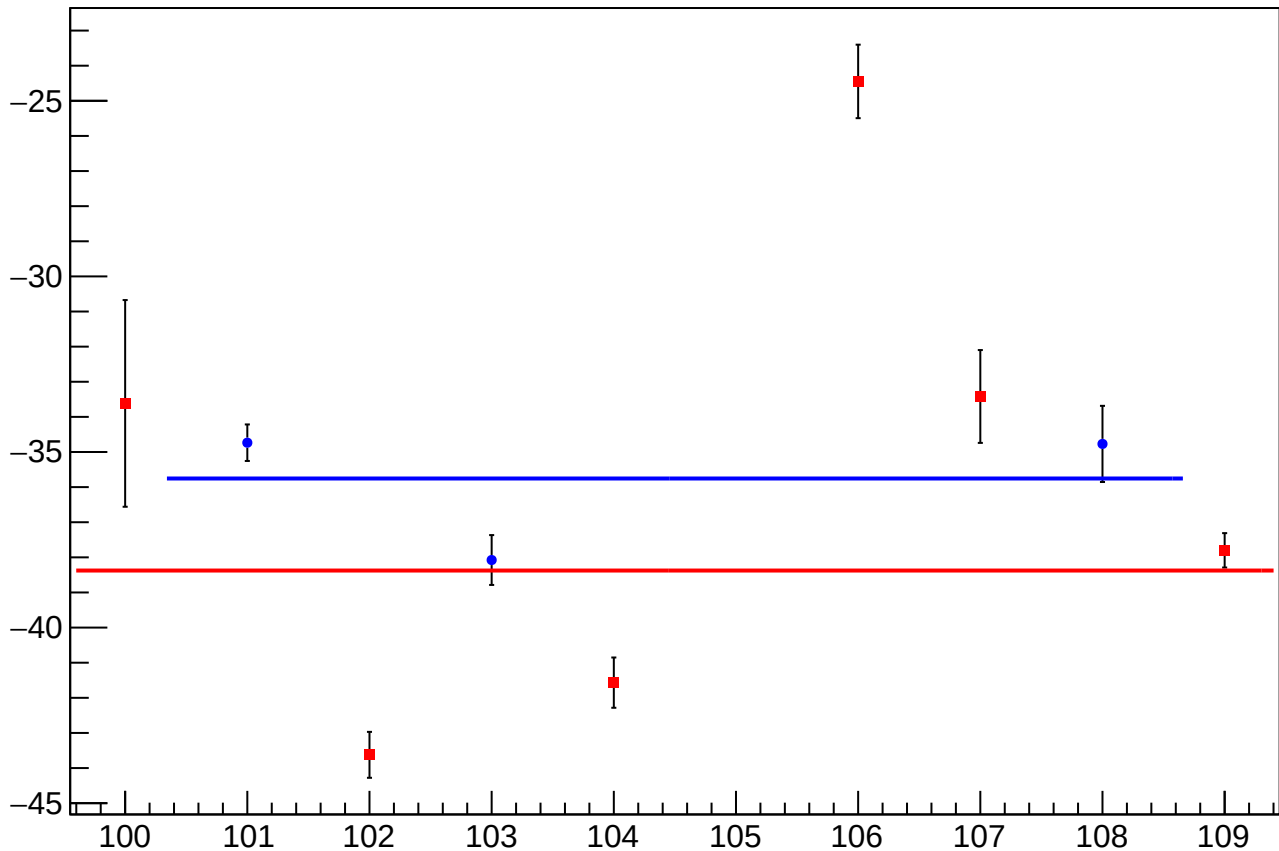
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.749 ± 0.267 χ^2/NDF : 295.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -35.755 $\pm$ 0.391 χ^2 /NDF: 15.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -38.375 $\pm$ 0.315 χ^2 /NDF: 279.5/5

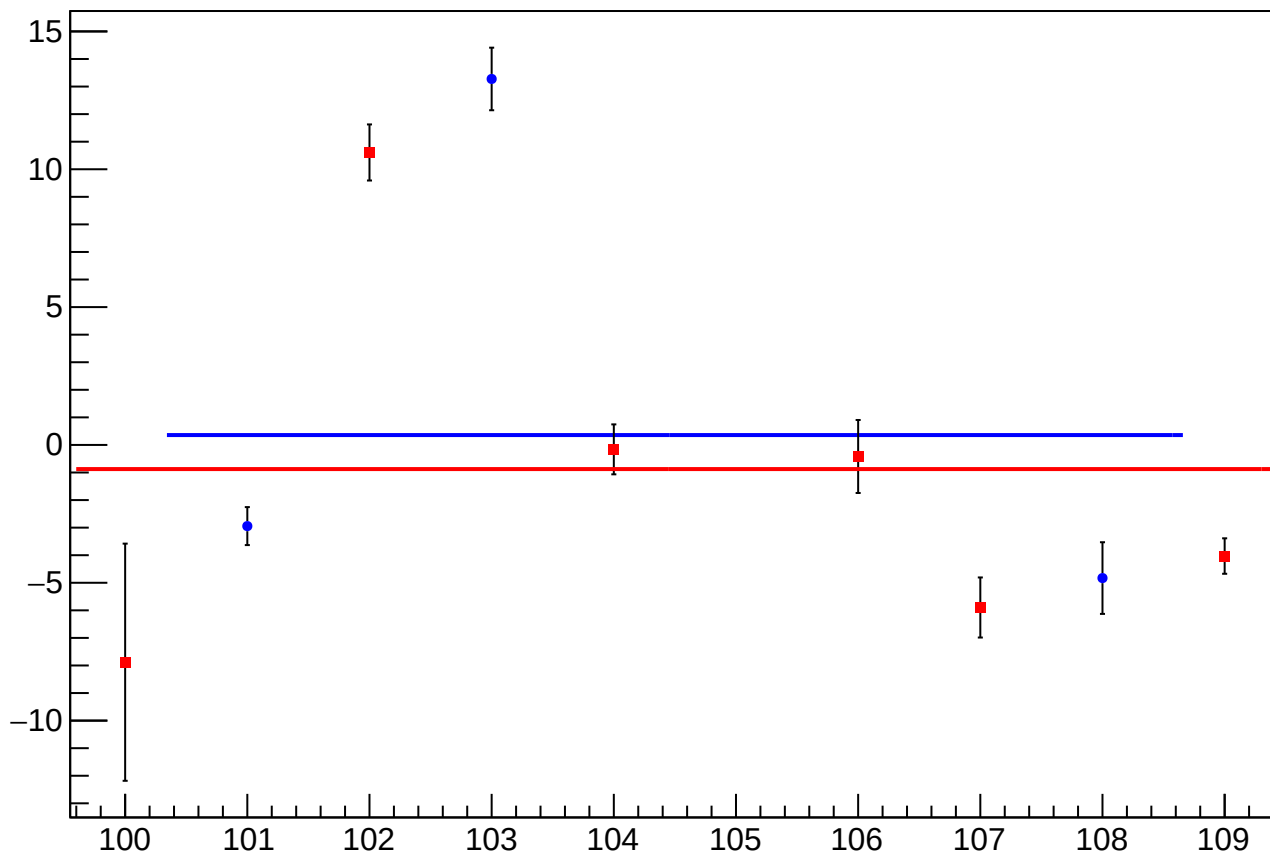
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -37.344 $\pm$ 0.245 χ^2 /NDF: 322.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 0.358 ± 0.536 χ^2/NDF : 168.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.875 ± 0.406 χ^2/NDF : 176.1/5

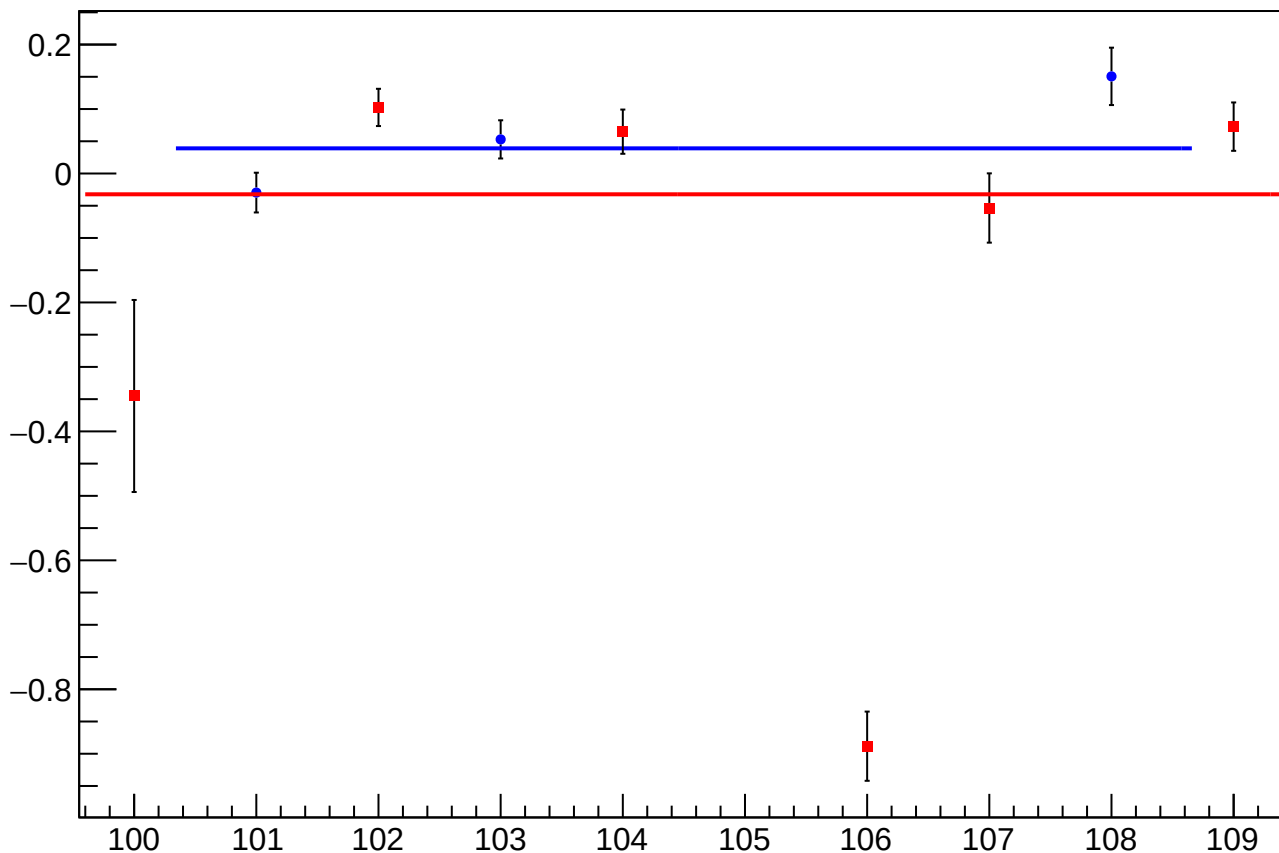
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.426 ± 0.324 χ^2/NDF : 348.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: 0.039 $\pm$ 0.019 χ^2 /NDF: 11.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.032 $\pm$ 0.017 χ^2 /NDF: 296.5/5

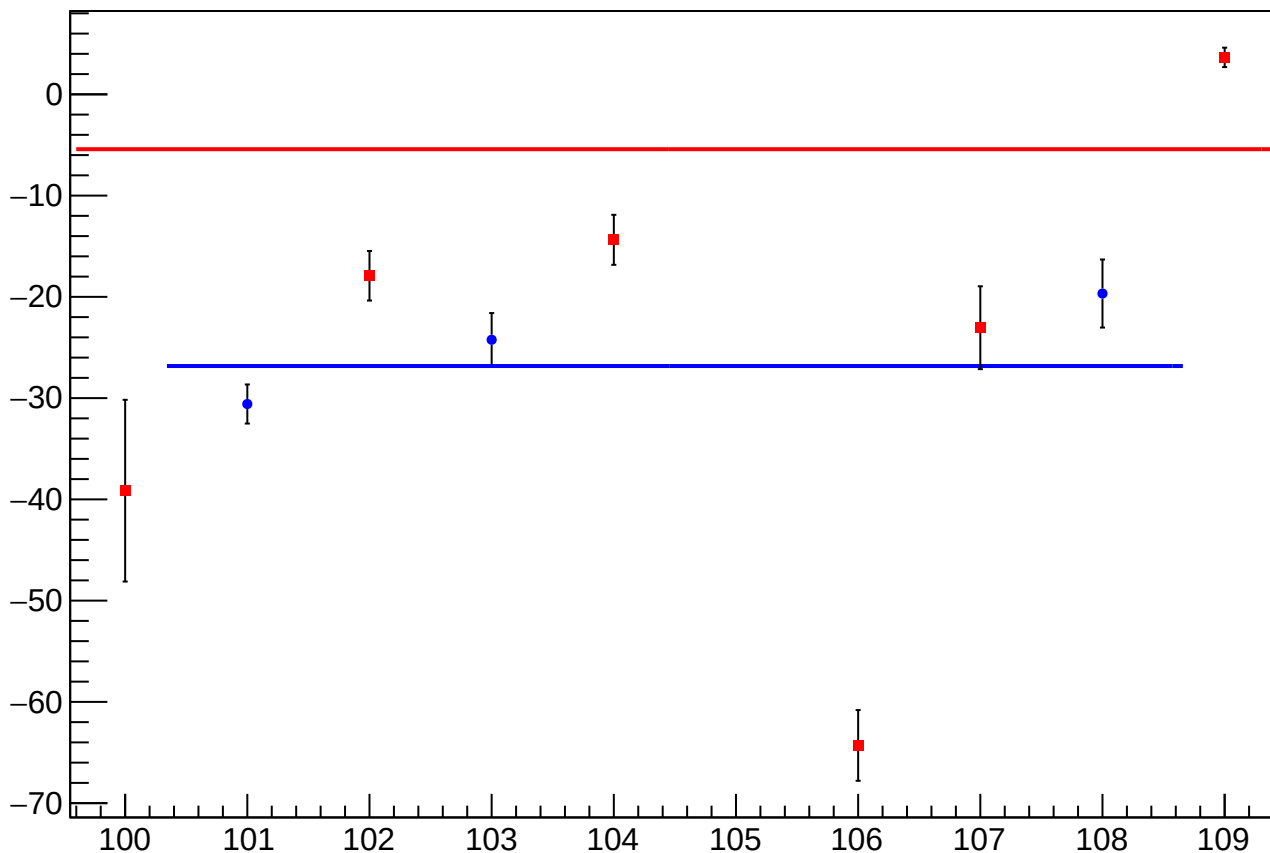
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.013 χ^2 /NDF: 315.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -26.831 $\pm$ 1.413 χ^2 /NDF: 9.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.417 $\pm$ 0.798 χ^2 /NDF: 445.5/5

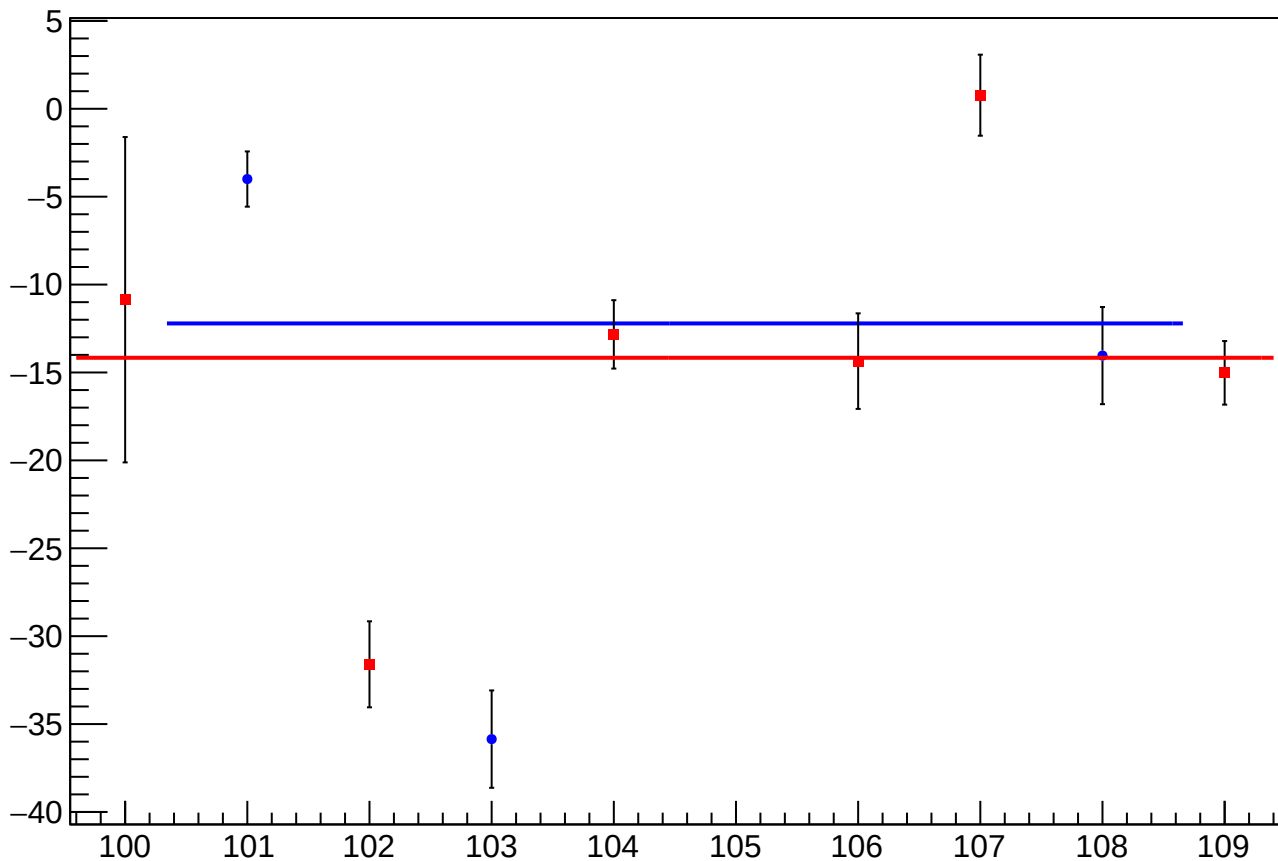
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.593 $\pm$ 0.695 χ^2 /NDF: 629.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -12.210 $\pm$ 1.225 χ^2 /NDF: 100.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.163 $\pm$ 0.966 χ^2 /NDF: 93.6/5

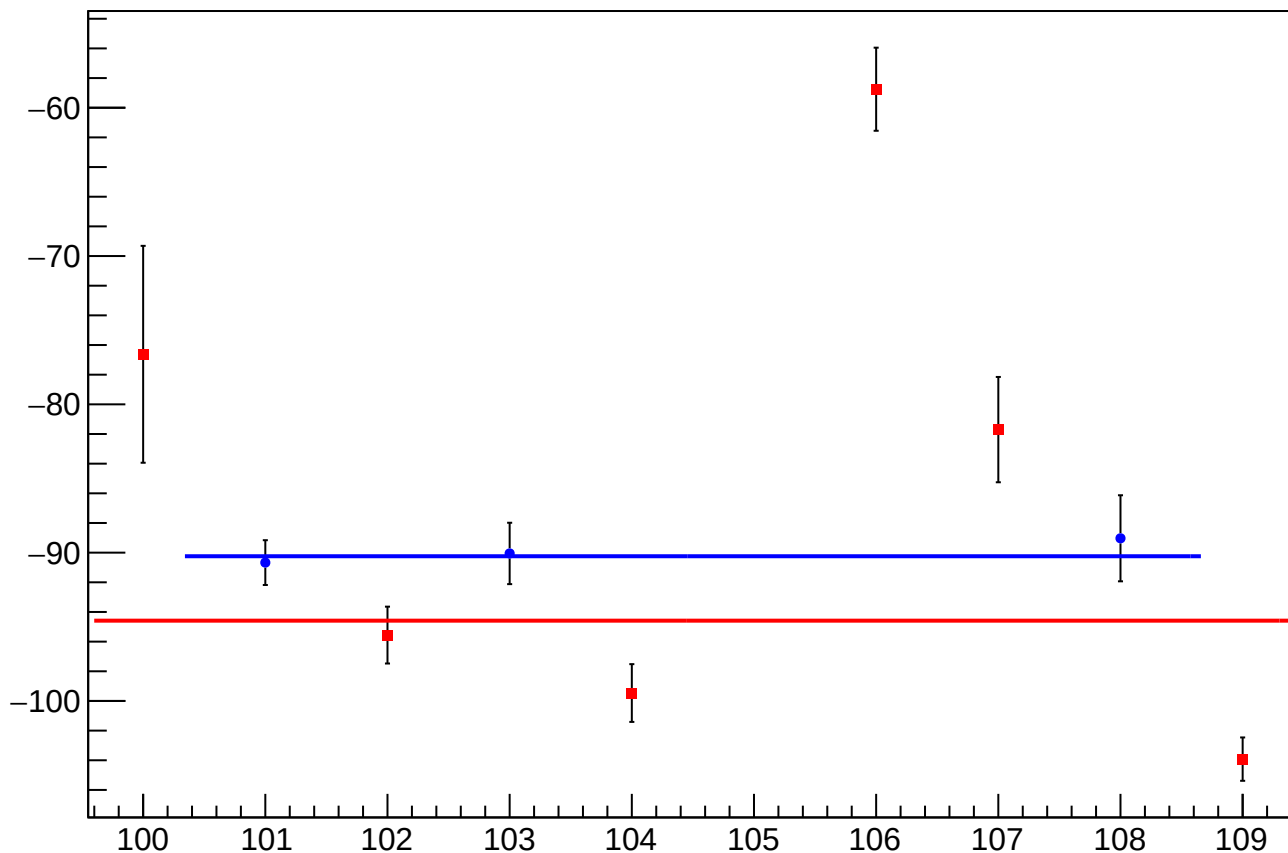
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.415 $\pm$ 0.758 χ^2 /NDF: 195.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -90.242 $\pm$ 1.124 χ^2 /NDF: 0.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -94.586 $\pm$ 0.902 χ^2 /NDF: 230.2/5

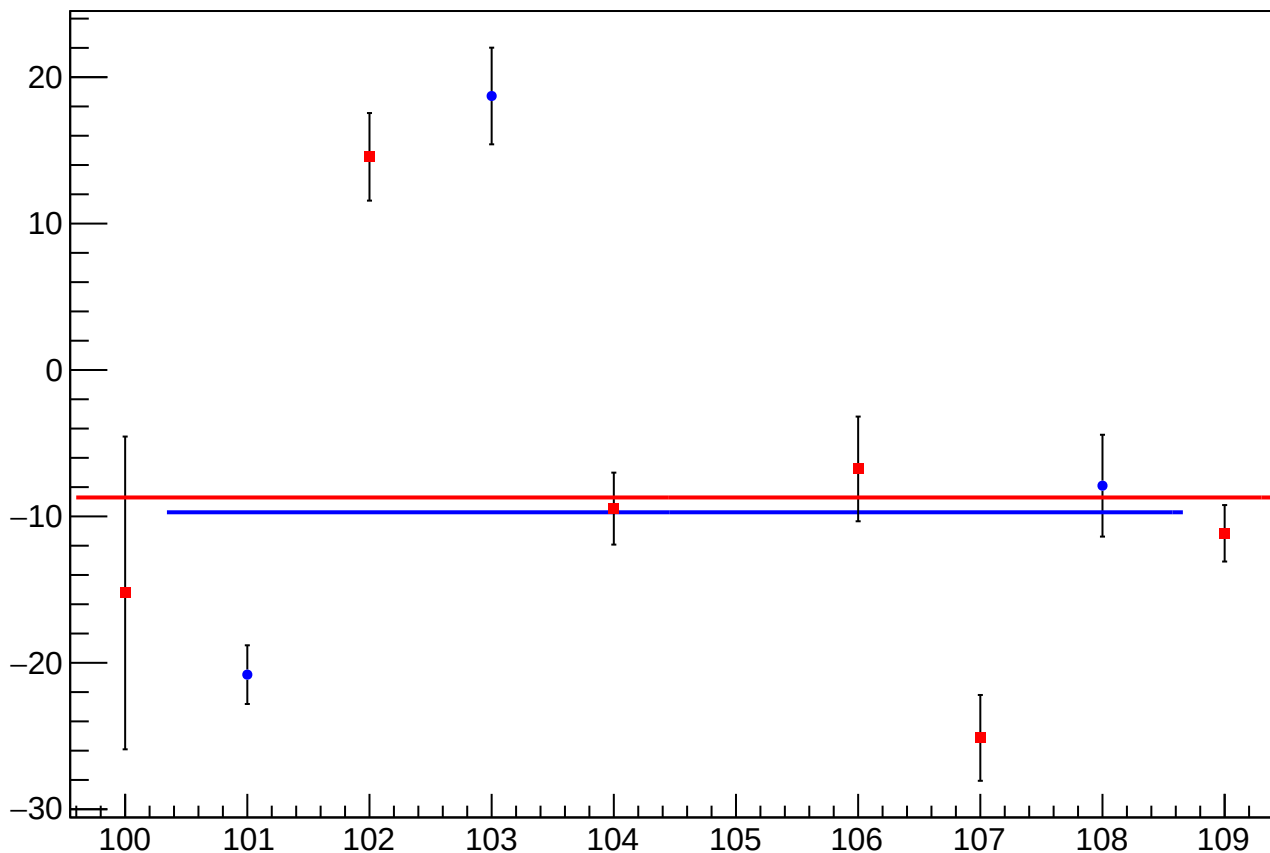
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -92.886 $\pm$ 0.704 χ^2 /NDF: 239.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: -9.719+/-1.537 χ^2/NDF : 105.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.706+/-1.155 χ^2/NDF : 94.3/5

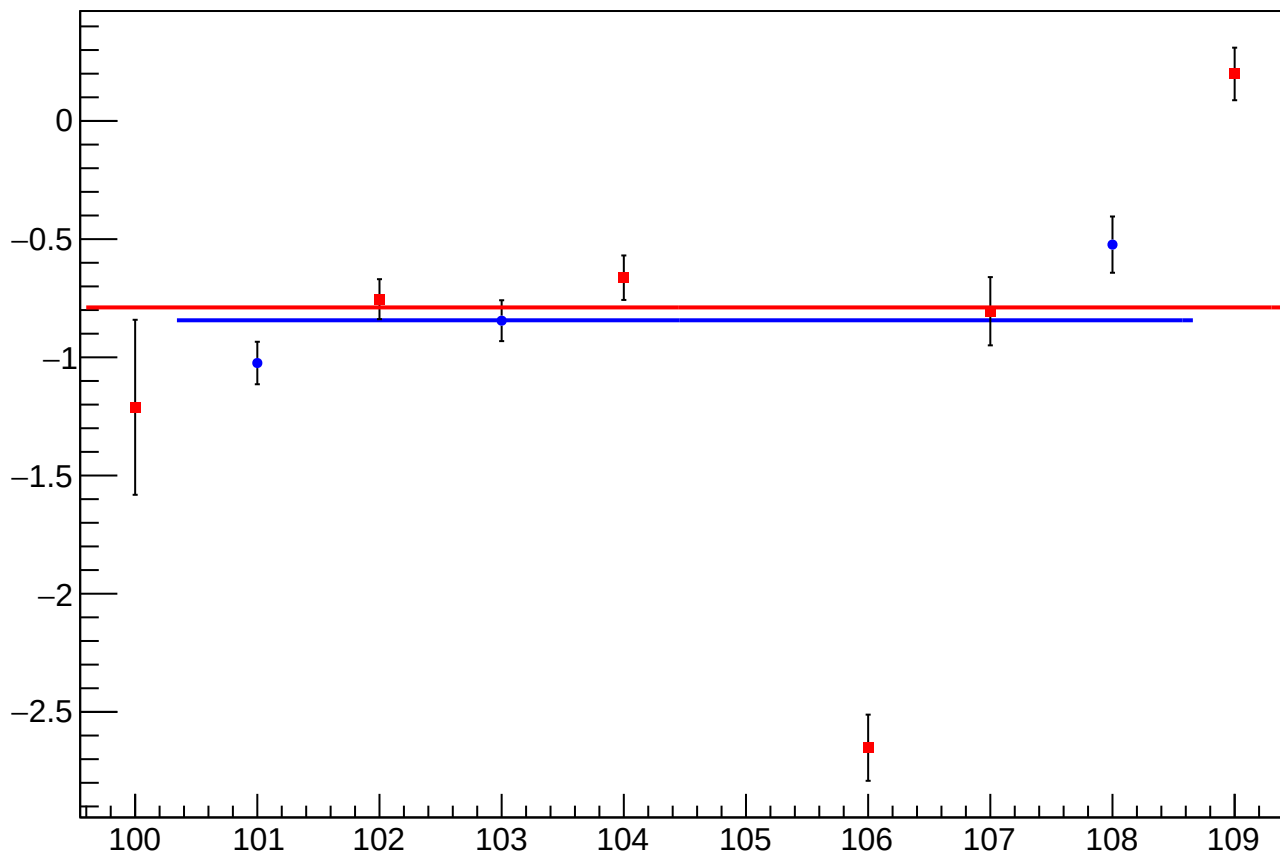
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.072+/-0.923 χ^2/NDF : 199.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.843 ± 0.055 χ^2/NDF : 11.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.789 ± 0.048 χ^2/NDF : 259.4/5

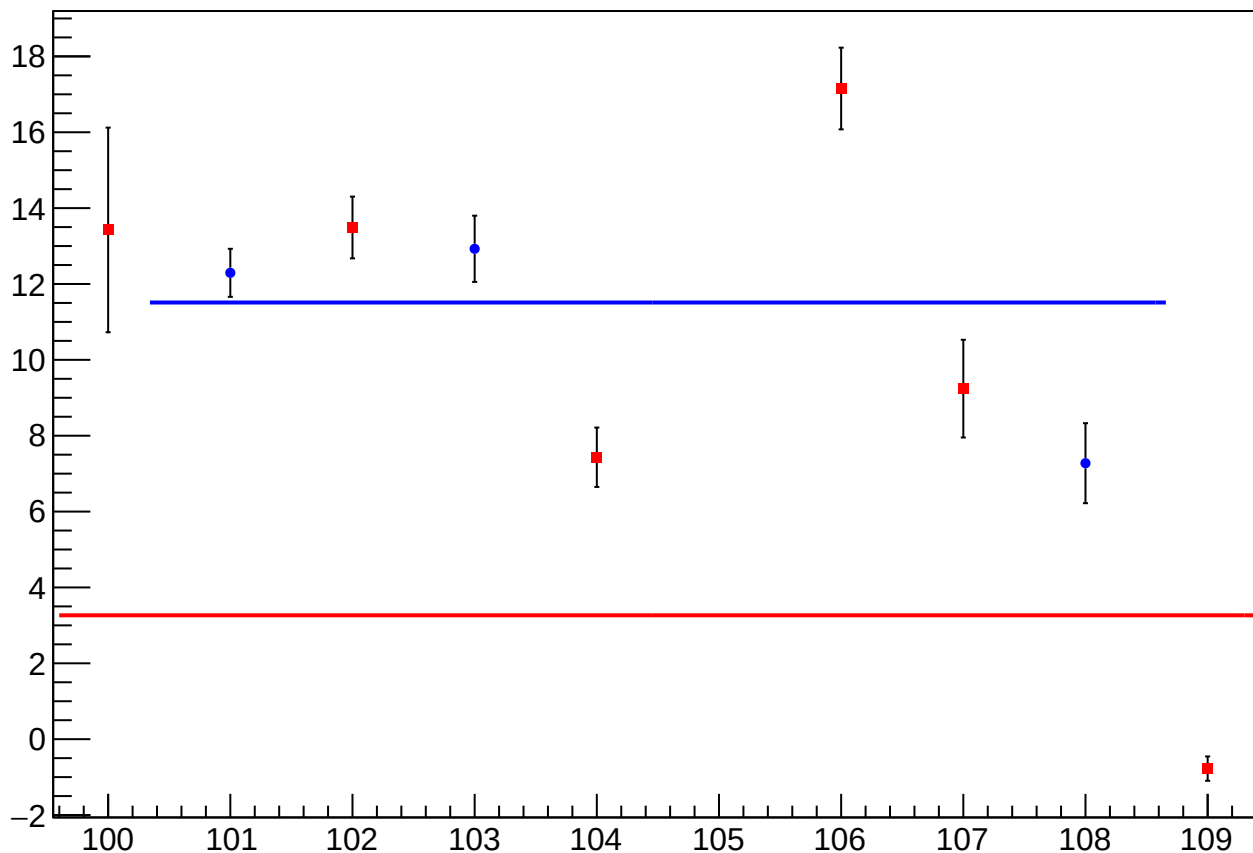
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.812 ± 0.036 χ^2/NDF : 271.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 11.512 $\pm$ 0.461 χ^2 /NDF: 20.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.265 $\pm$ 0.263 χ^2 /NDF: 546.6/5

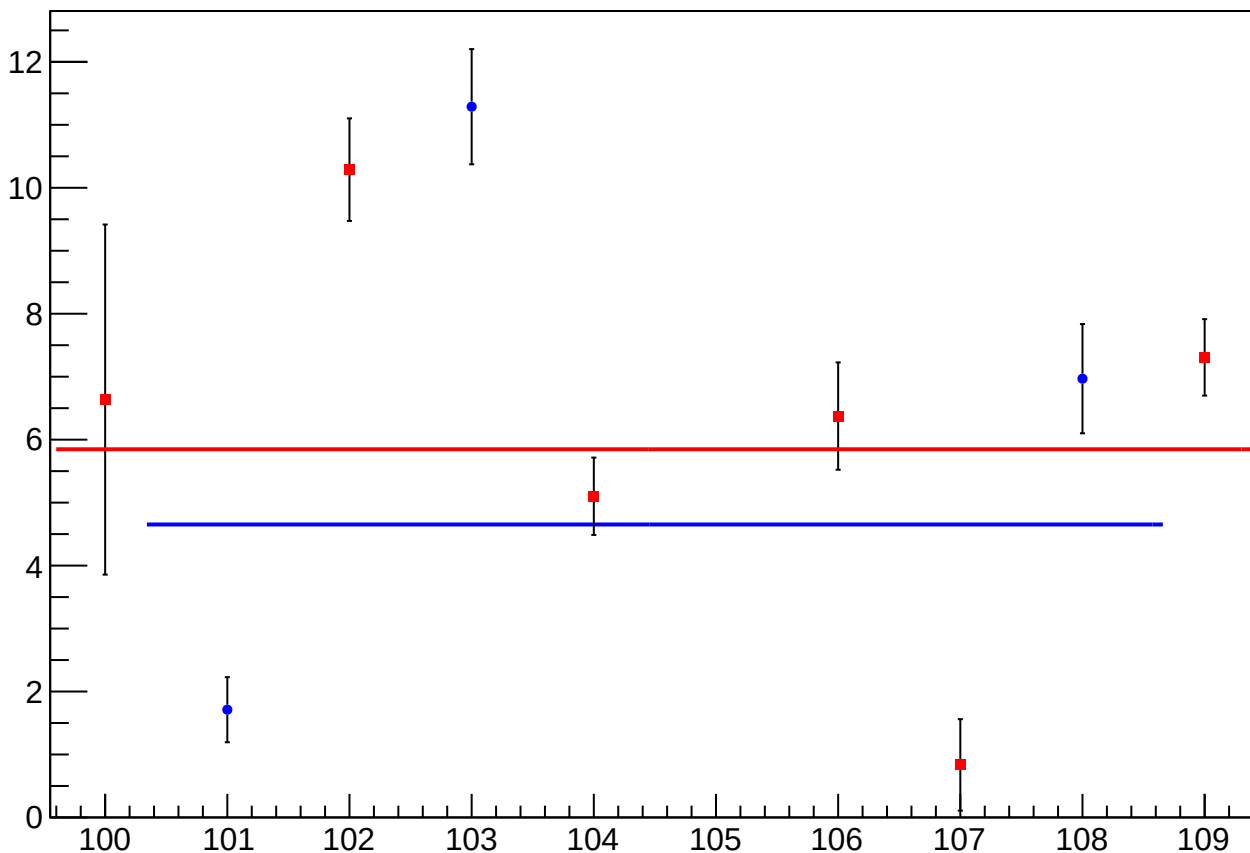
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.291 $\pm$ 0.229 χ^2 /NDF: 808.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 4.653 $\pm$ 0.400 χ^2 /NDF: 92.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.847 $\pm$ 0.312 χ^2 /NDF: 85.1/5

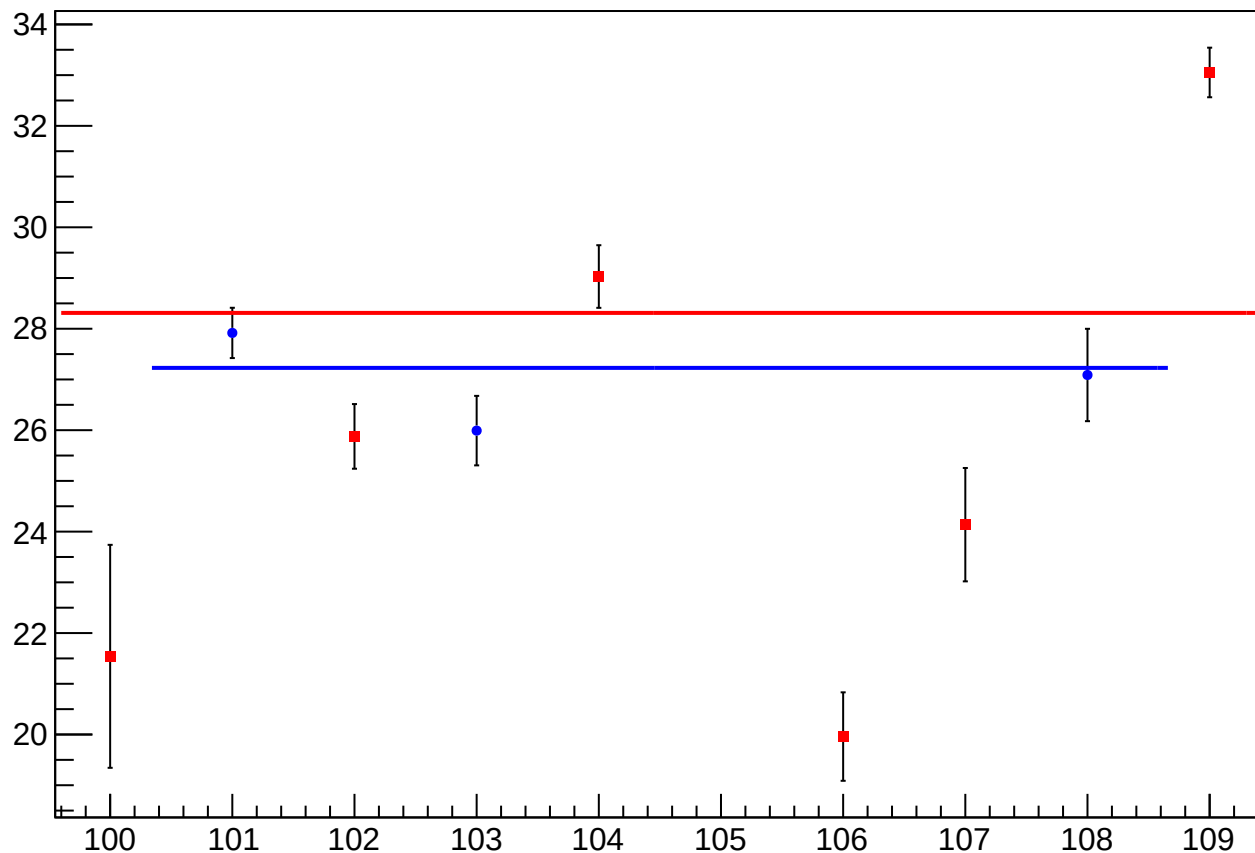
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.395 $\pm$ 0.246 χ^2 /NDF: 182.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 27.228 $\pm$ 0.367 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.312 $\pm$ 0.294 χ^2 /NDF: 225.2/5

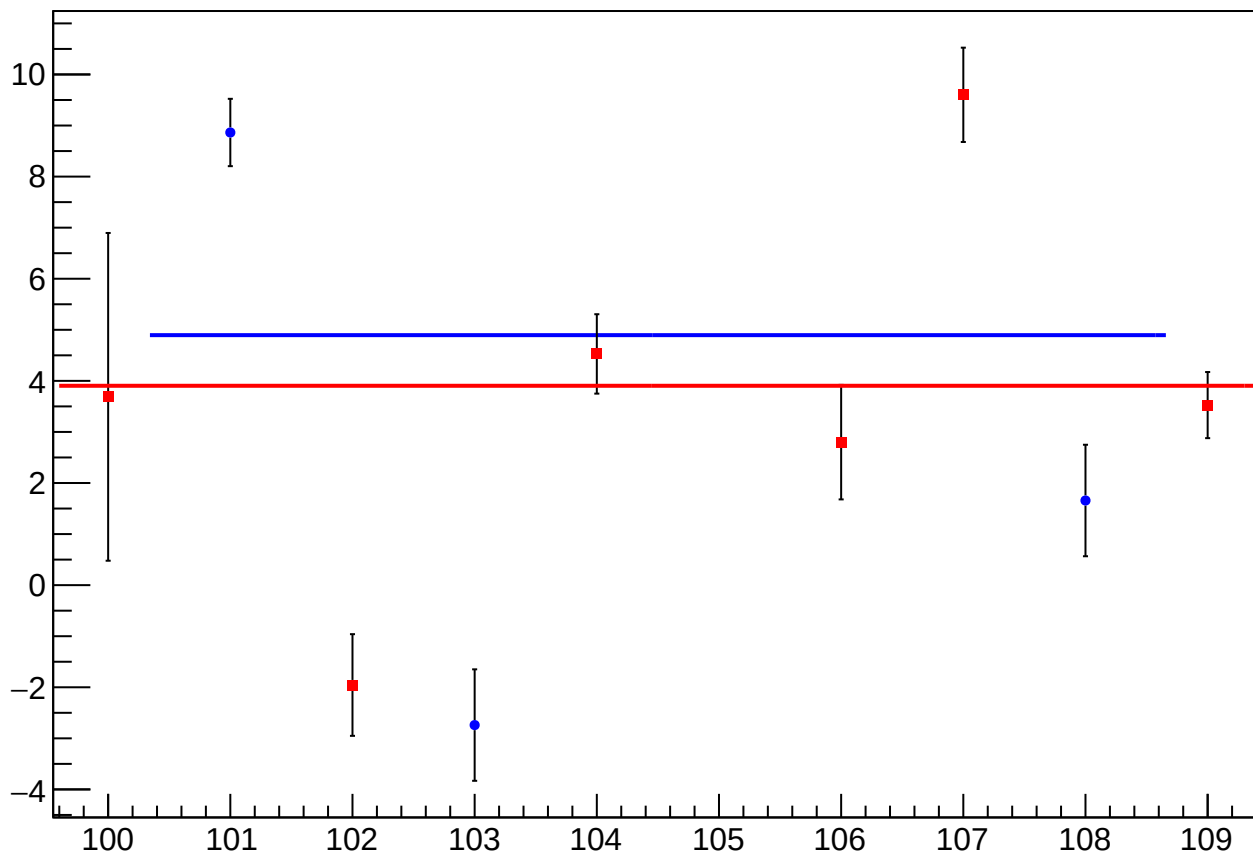
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.890 $\pm$ 0.229 χ^2 /NDF: 235.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: 4.895 $\pm$ 0.501 χ^2 /NDF: 94.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.904 $\pm$ 0.375 χ^2 /NDF: 74.7/5

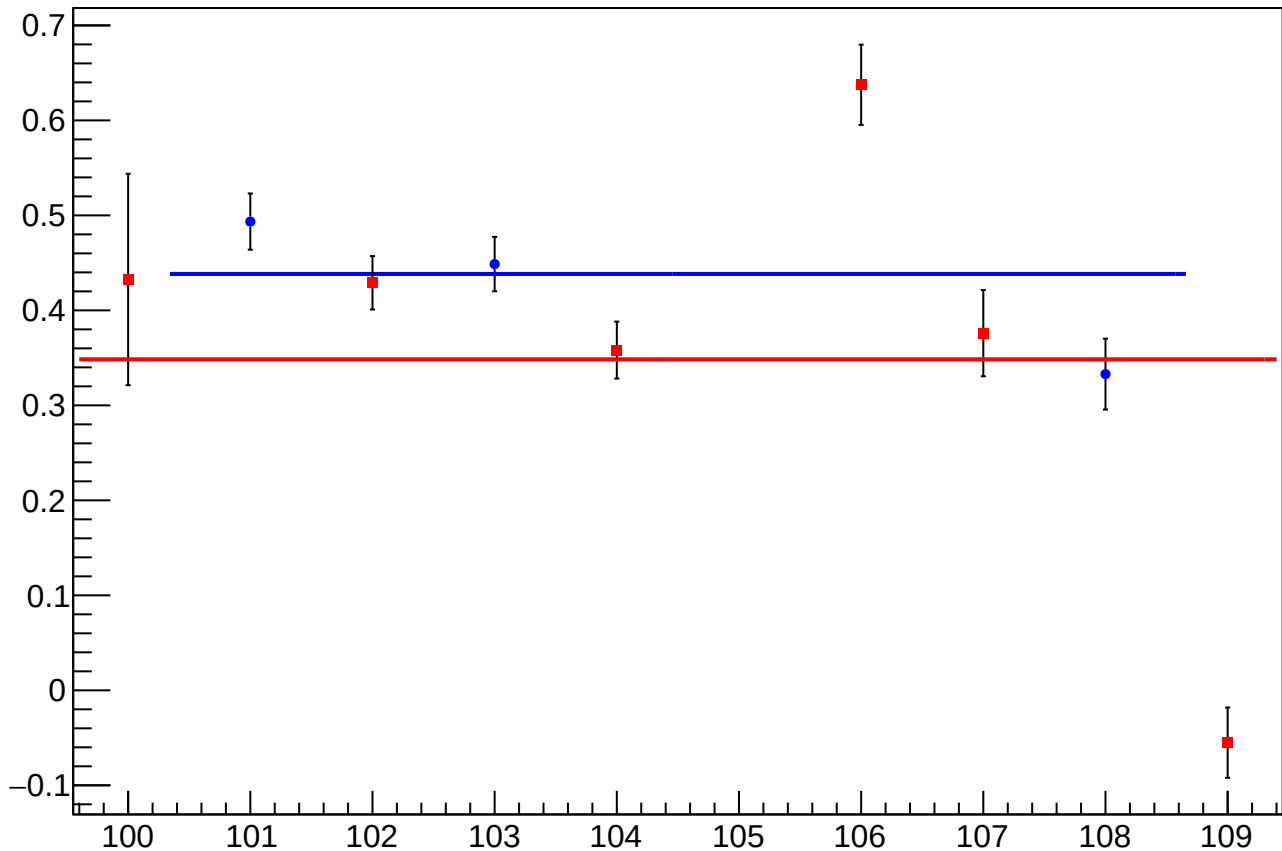
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.260 $\pm$ 0.300 χ^2 /NDF: 171.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.438 $\pm$ 0.018 χ^2 /NDF: 11.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.349 $\pm$ 0.015 χ^2 /NDF: 174.9/5

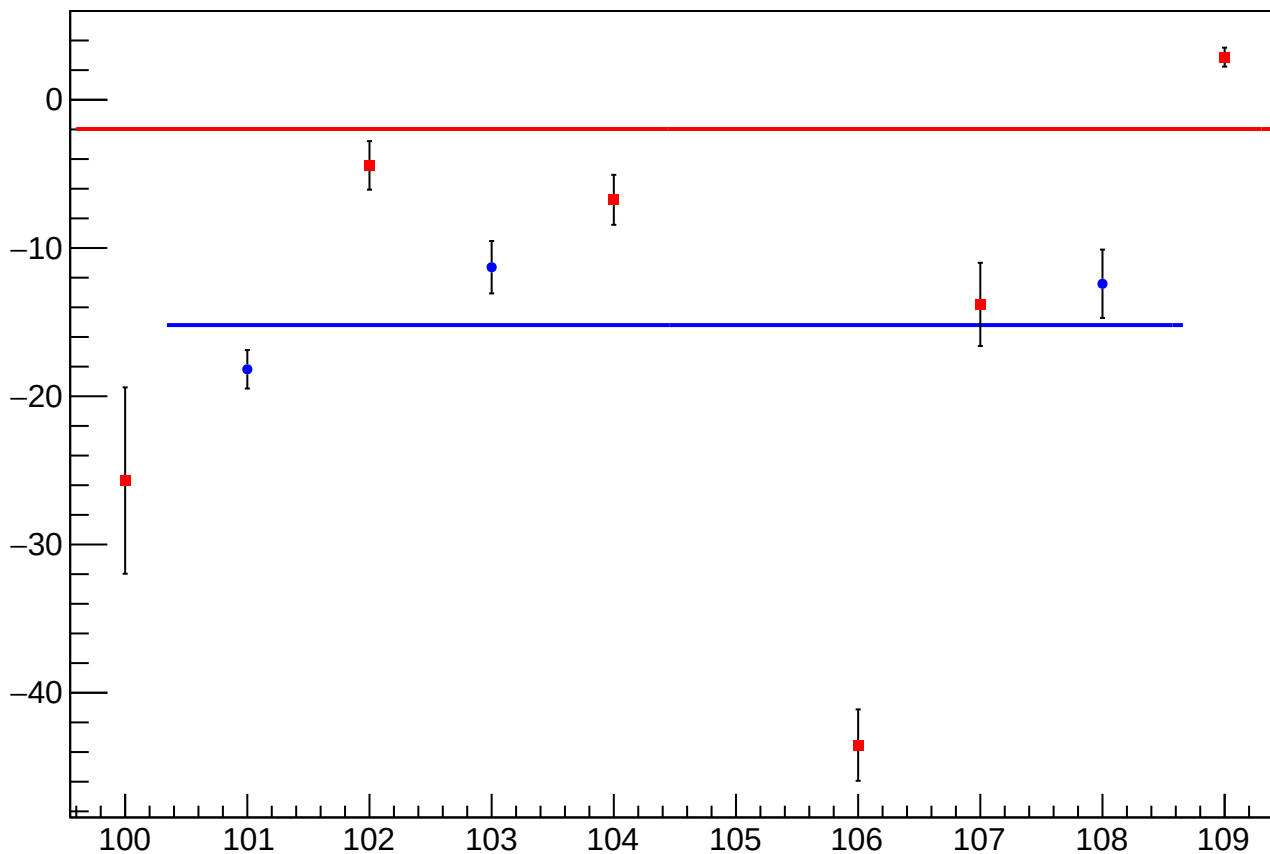
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.386 $\pm$ 0.012 χ^2 /NDF: 200.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -15.198+/-0.952 χ^2/NDF : 11.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.970+/-0.535 χ^2/NDF : 397.6/5

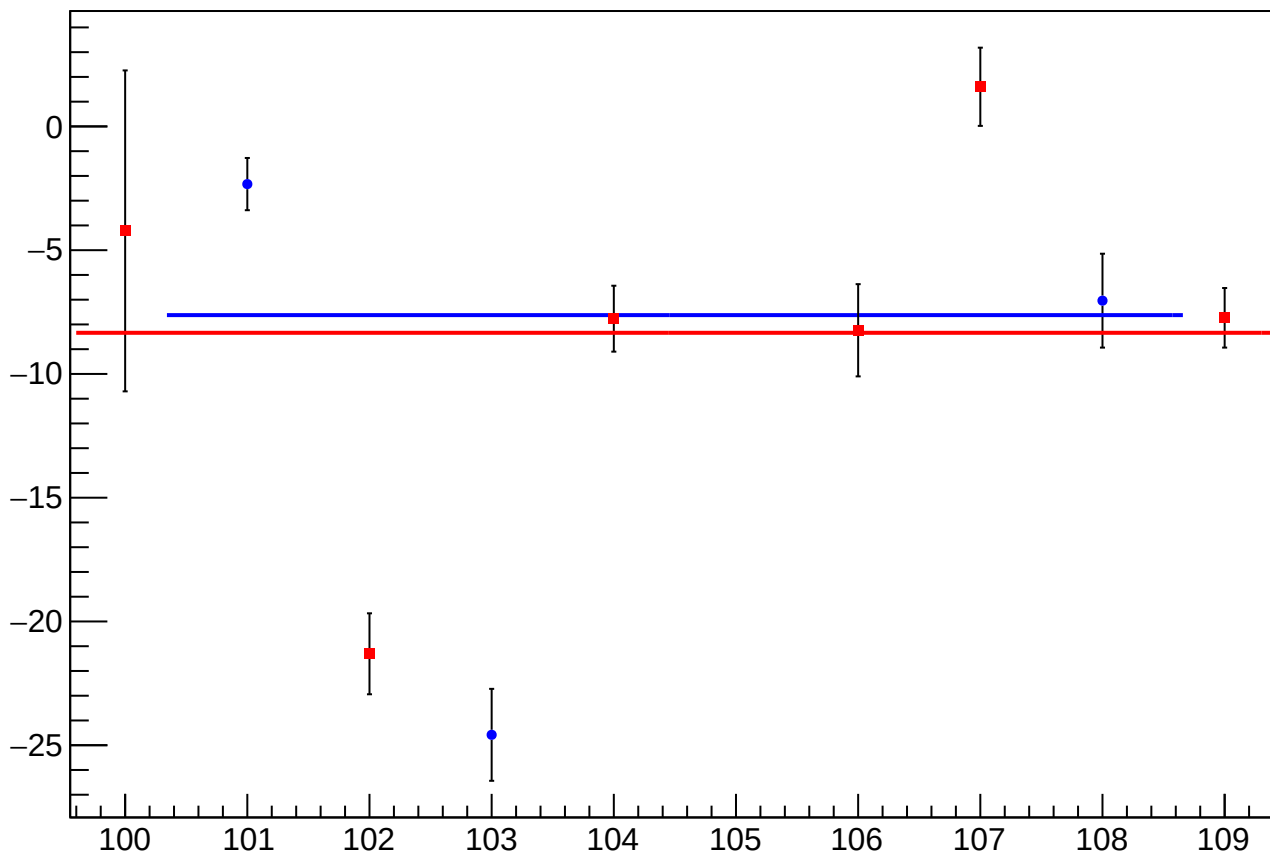
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.143+/-0.466 χ^2/NDF : 555.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -7.623 ± 0.826 $\chi^2/\text{NDF}: 108.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.338 ± 0.654 $\chi^2/\text{NDF}: 103.3/5$

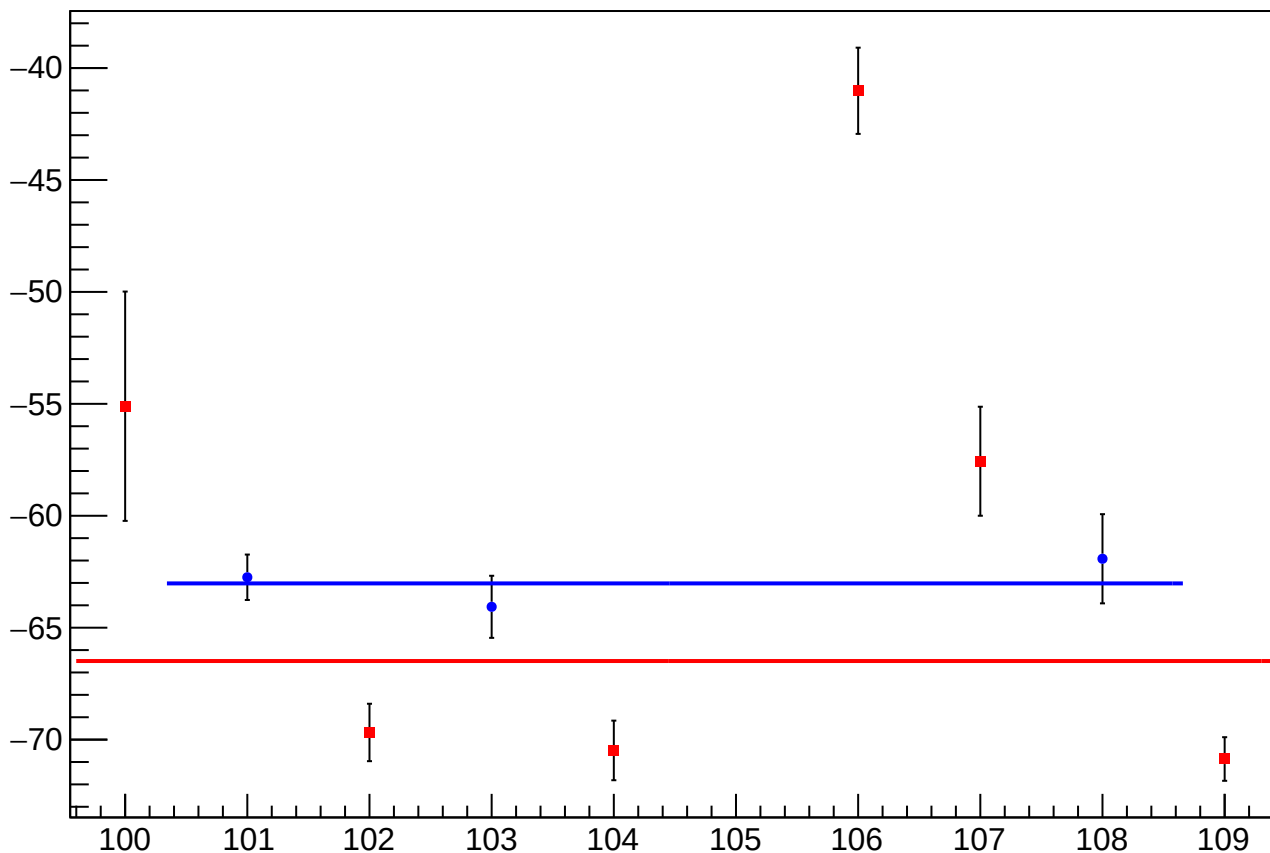
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.063 ± 0.513 $\chi^2/\text{NDF}: 212.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -63.022 $\pm$ 0.757 χ^2 /NDF: 0.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.489 $\pm$ 0.608 χ^2 /NDF: 228.8/5

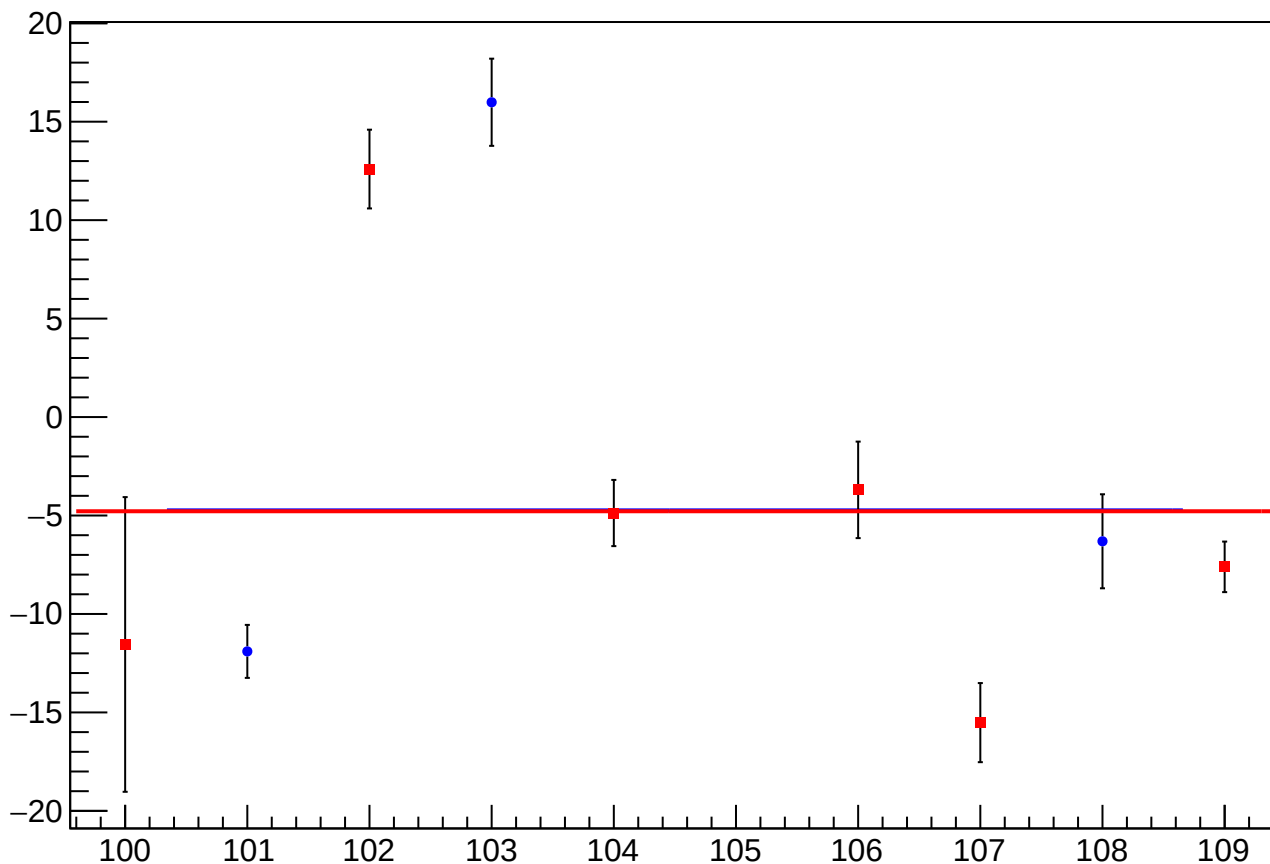
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.129 $\pm$ 0.474 χ^2 /NDF: 242.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: -4.739 $\pm$ 1.036 χ^2 /NDF: 116.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.784 $\pm$ 0.780 χ^2 /NDF: 109.9/5

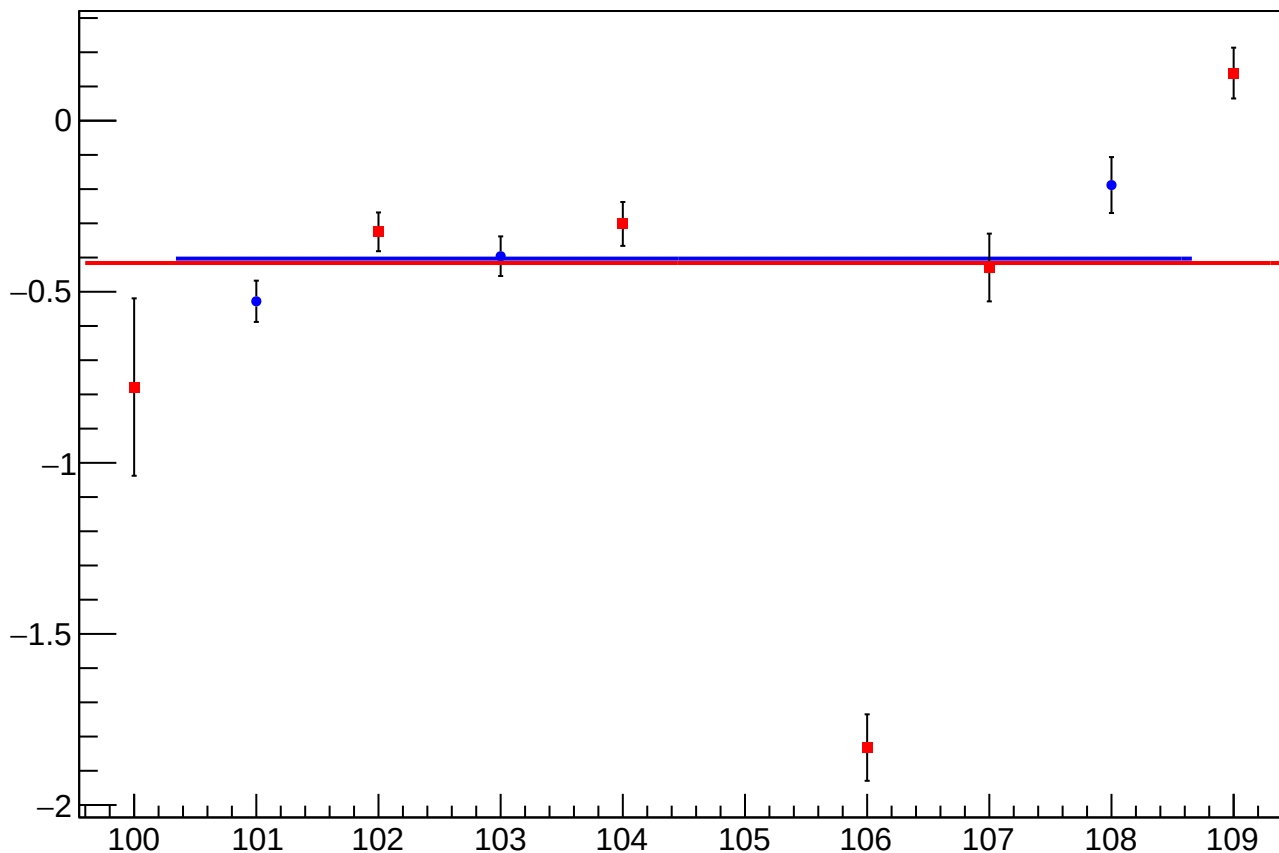
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.768 $\pm$ 0.623 χ^2 /NDF: 226.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.403+/-0.037 χ^2/NDF : 11.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.416+/-0.032 χ^2/NDF : 276.2/5

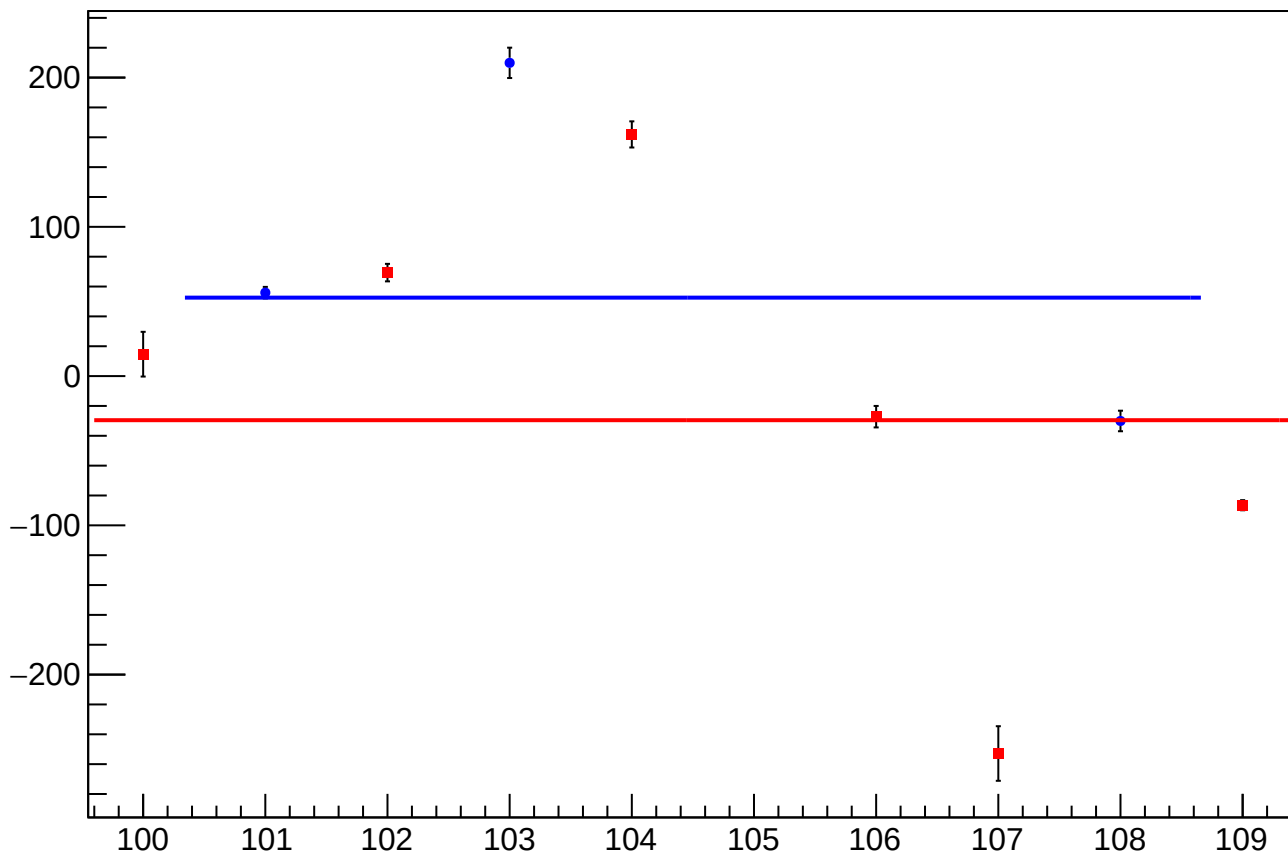
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.410+/-0.024 χ^2/NDF : 287.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: 52.567+/-3.198 χ^2 /NDF: 384.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -29.549+/-2.535 χ^2 /NDF: 1201.5/5

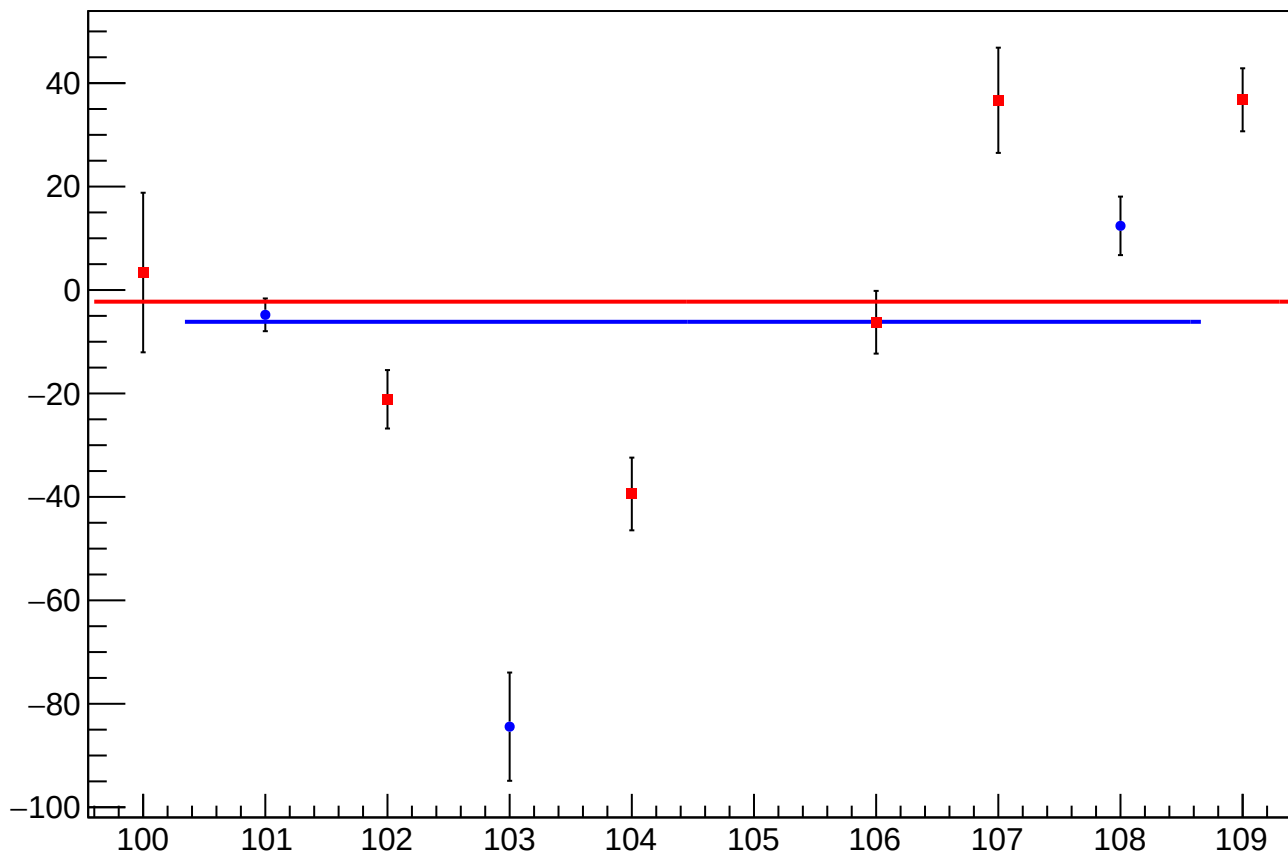
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2.127+/-1.986 χ^2 /NDF: 1990.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: -6.146 $\pm$ 2.670 χ^2 /NDF: 66.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.253 $\pm$ 2.892 χ^2 /NDF: 95.4/5

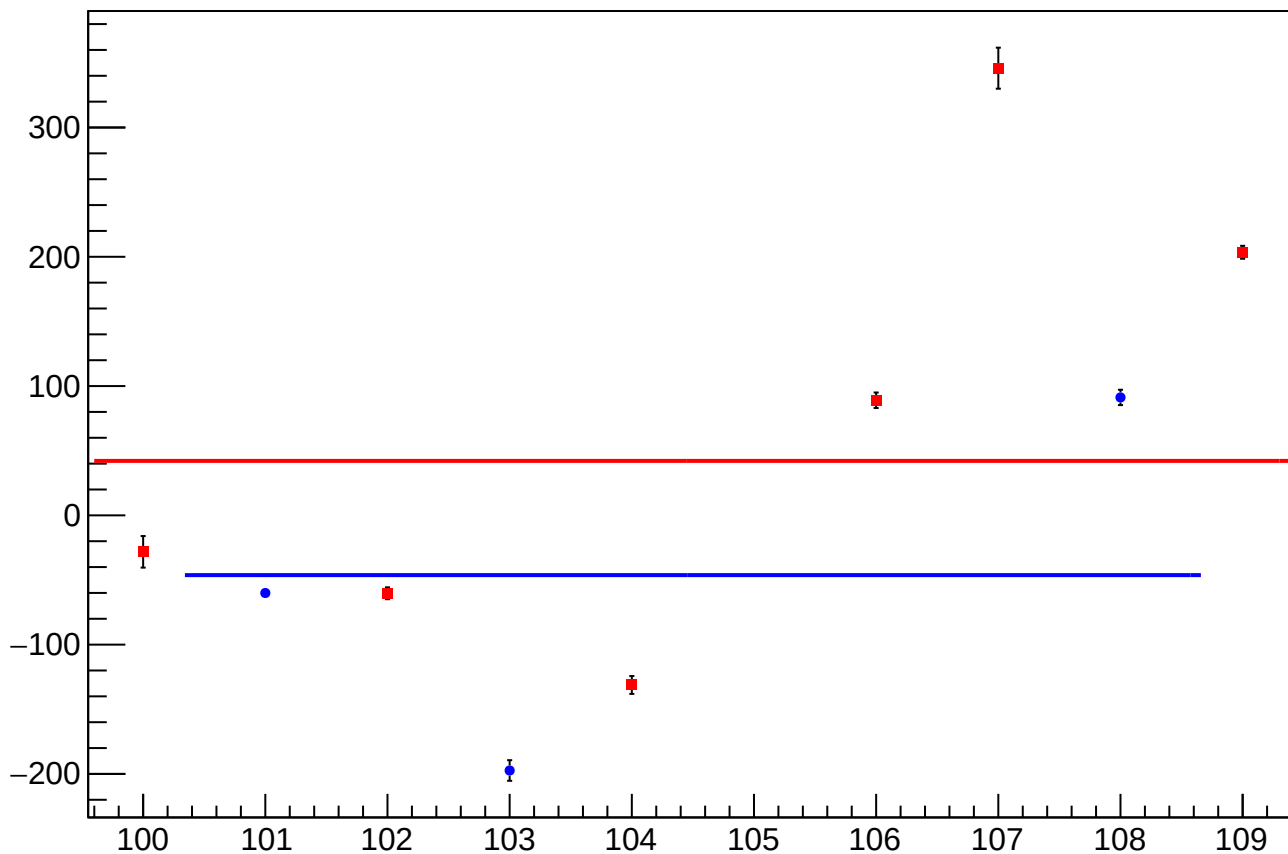
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.355 $\pm$ 1.962 χ^2 /NDF: 163.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: -46.238+/-2.553 χ^2/NDF : 914.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.129+/-2.609 χ^2/NDF : 2629.1/5

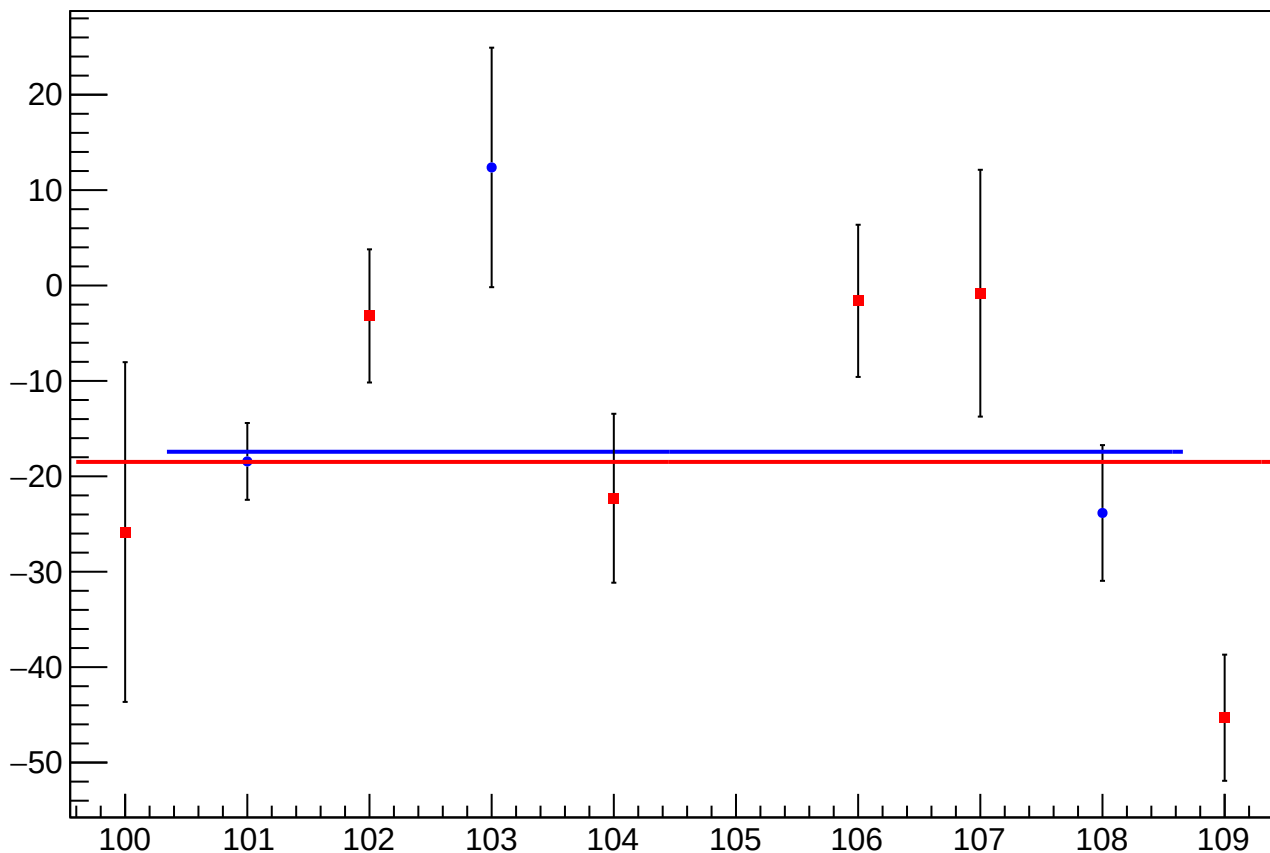
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.015+/-1.825 χ^2/NDF : 4129.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -17.426 $\pm$ 3.375 χ^2 /NDF: 6.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.489 $\pm$ 3.513 χ^2 /NDF: 28.0/5

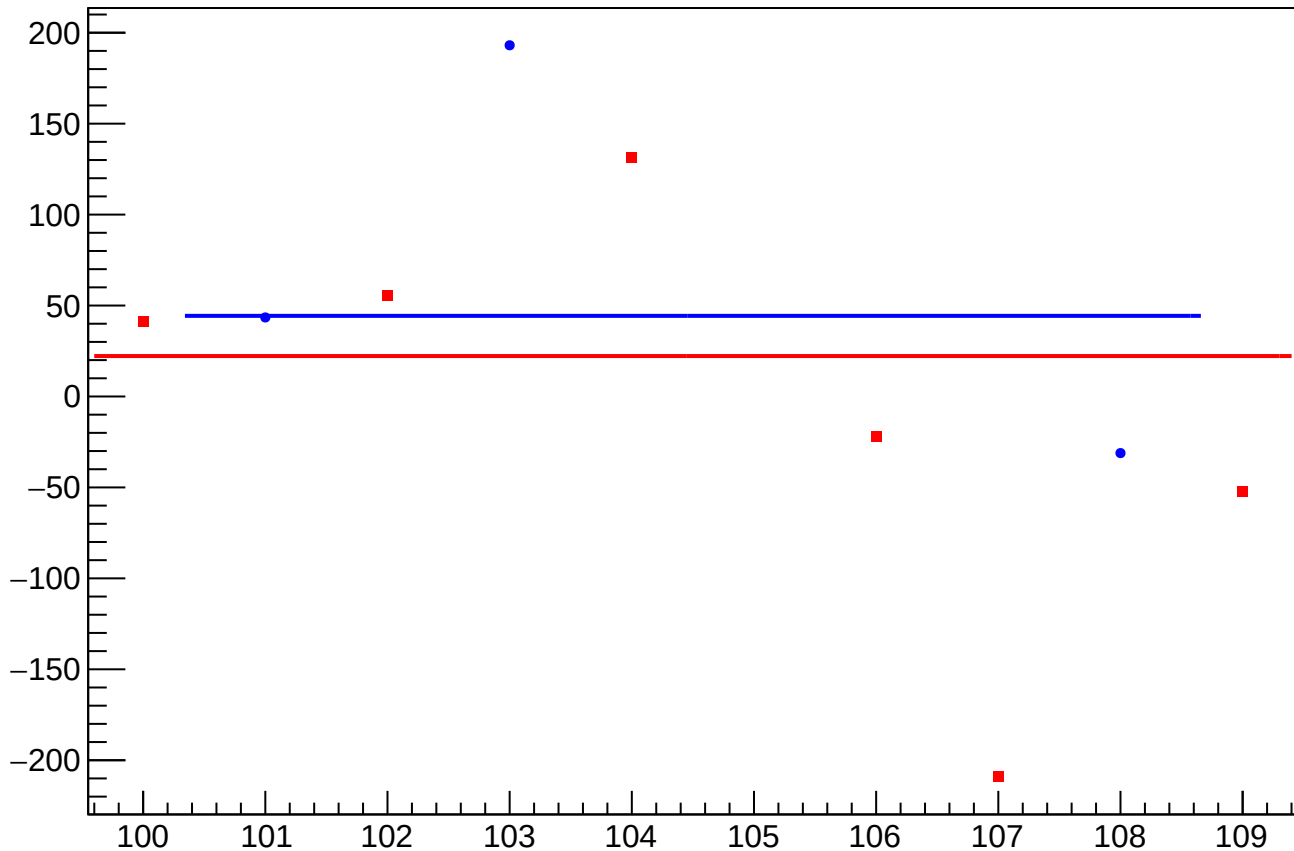
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.936 $\pm$ 2.434 χ^2 /NDF: 34.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: 44.334+/-0.133 χ^2/NDF : 293278.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.231+/-0.130 χ^2/NDF : 334522.6/5

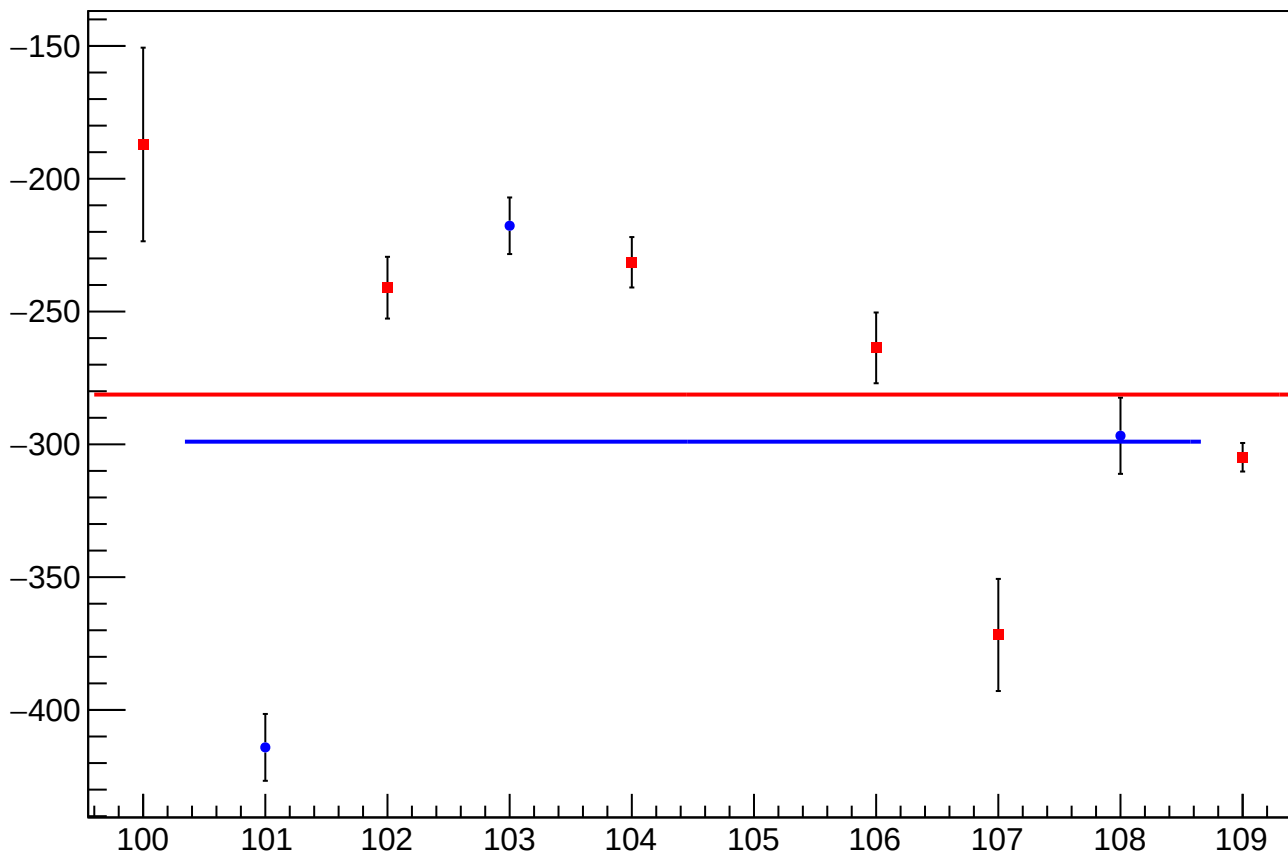
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.057+/-0.093 χ^2/NDF : 641974.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -298.991 ± 7.074 χ^2/NDF : 141.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -281.257 ± 4.024 χ^2/NDF : 85.6/5

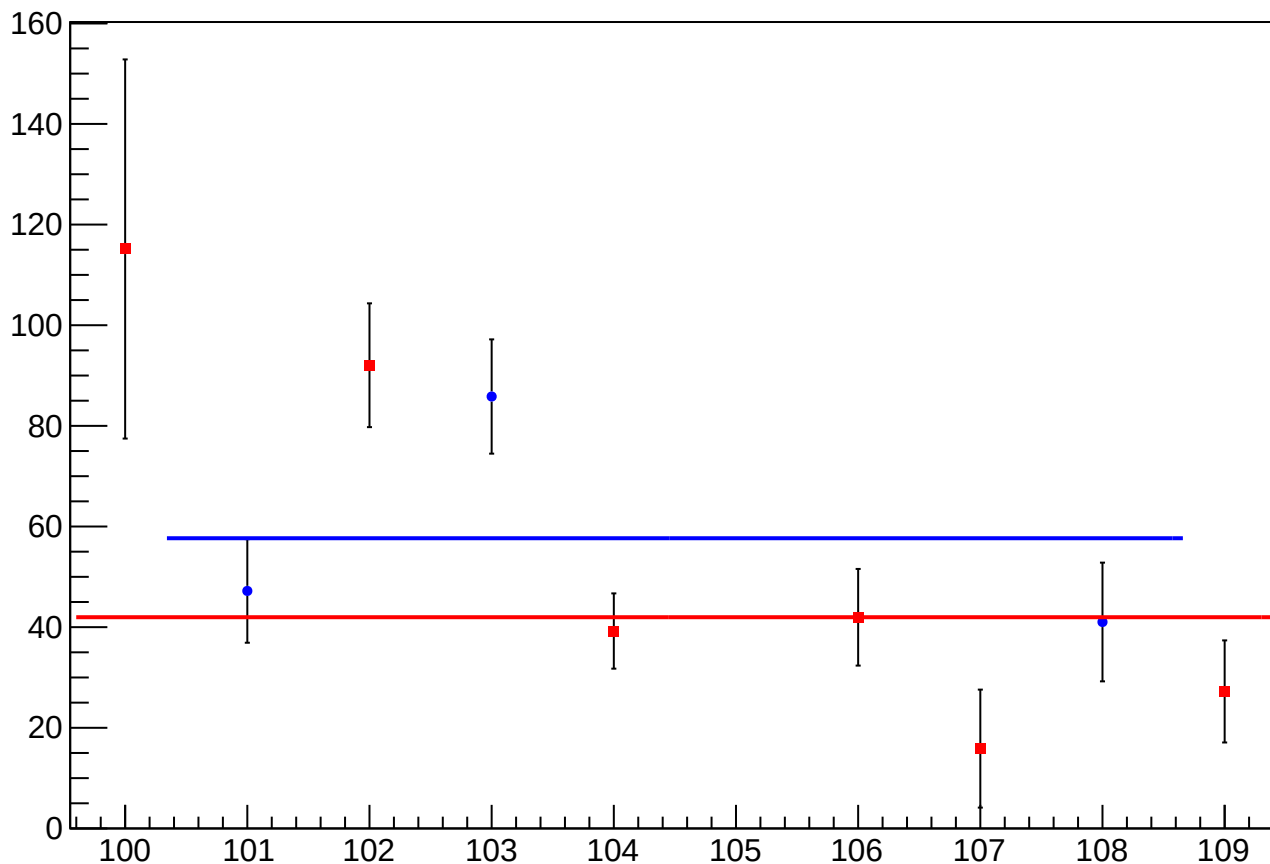
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -285.593 ± 3.498 χ^2/NDF : 232.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 57.671 $\pm$ 6.405 χ^2 /NDF: 9.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 41.977 $\pm$ 4.342 χ^2 /NDF: 27.6/5

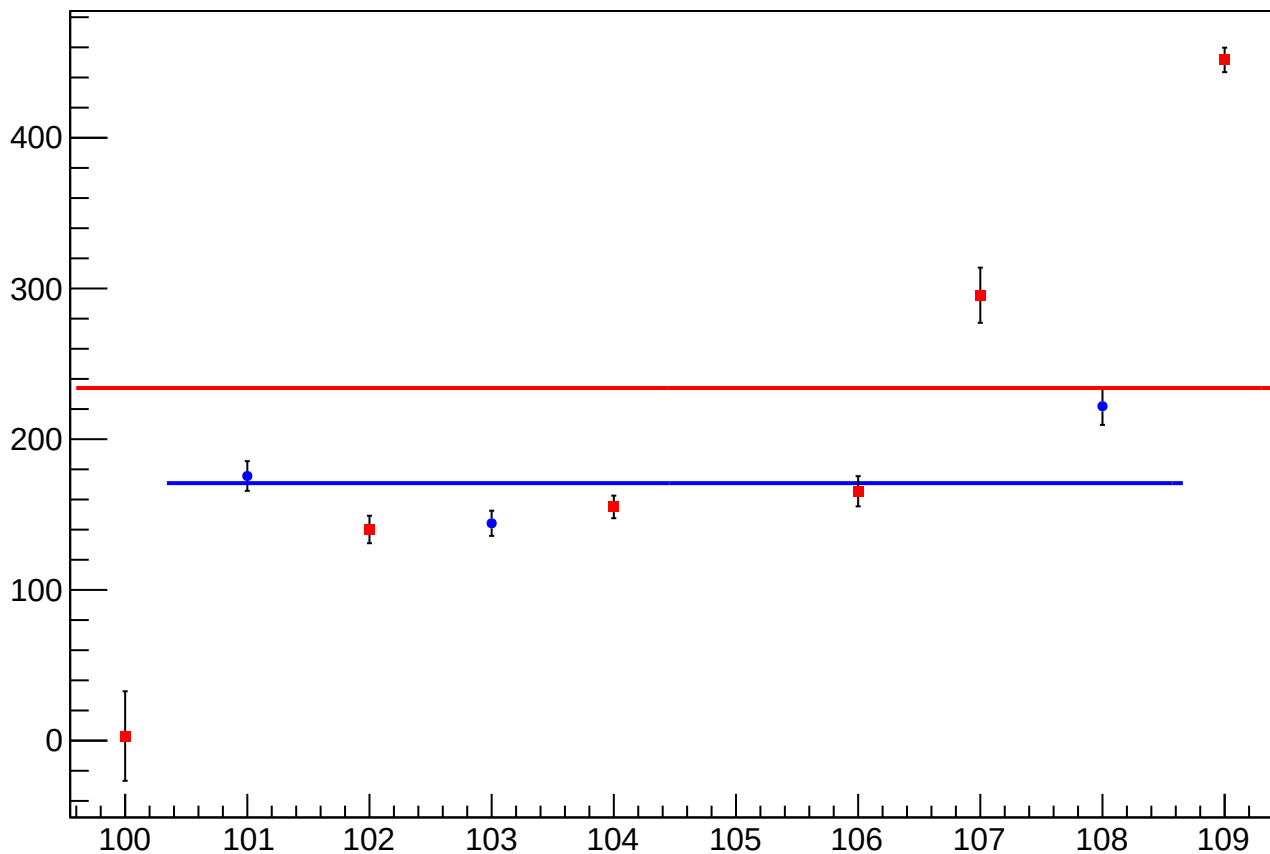
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.919 $\pm$ 3.594 χ^2 /NDF: 40.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 170.849 $\pm$ 5.667 χ^2 /NDF: 27.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 233.973 $\pm$ 4.114 χ^2 /NDF: 1053.3/5

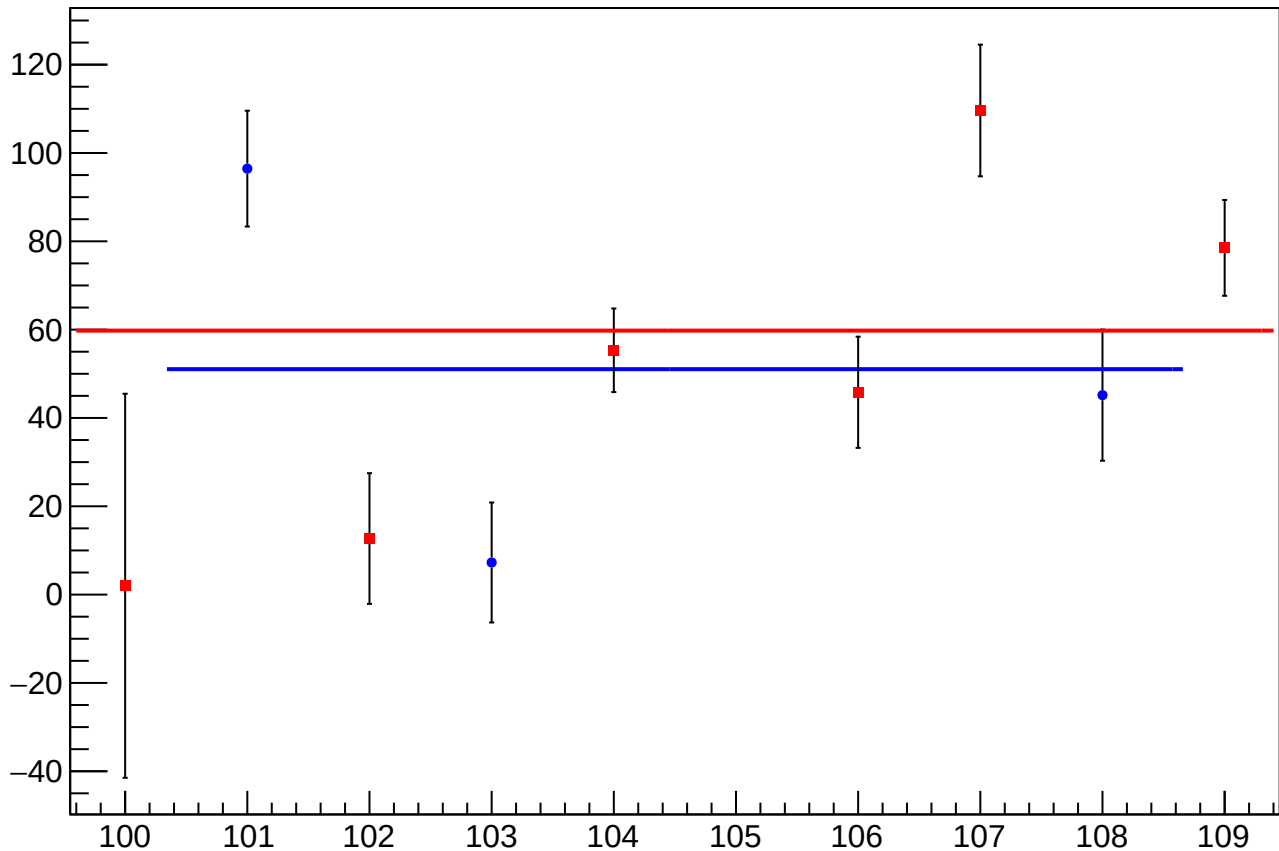
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 212.190 $\pm$ 3.329 χ^2 /NDF: 1162.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 51.047 $\pm$ 7.964 χ^2 /NDF: 22.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.781 $\pm$ 5.302 χ^2 /NDF: 27.5/5

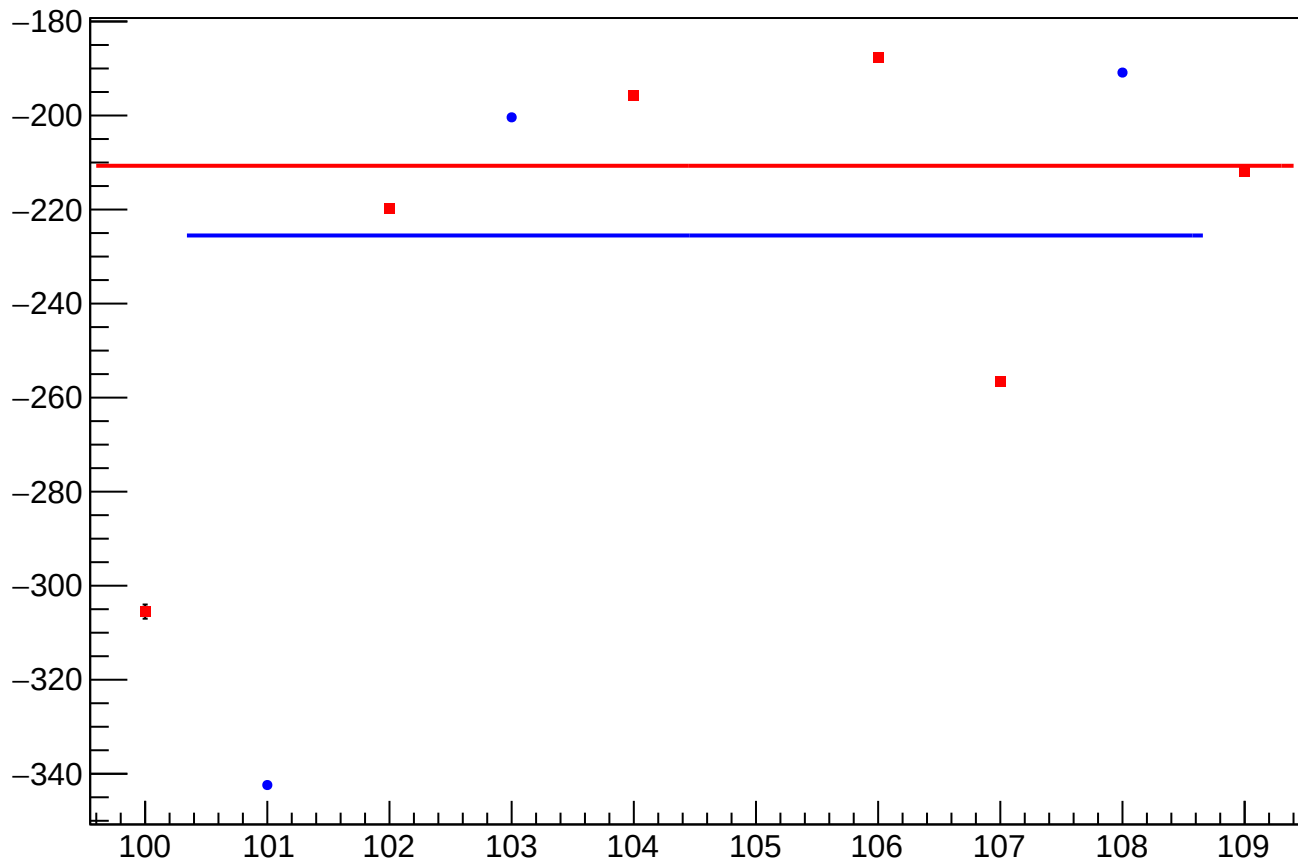
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 57.098 $\pm$ 4.414 χ^2 /NDF: 50.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -225.516+/-0.259 χ^2 /NDF: 49224.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -210.691+/-0.211 χ^2 /NDF: 11701.0/5

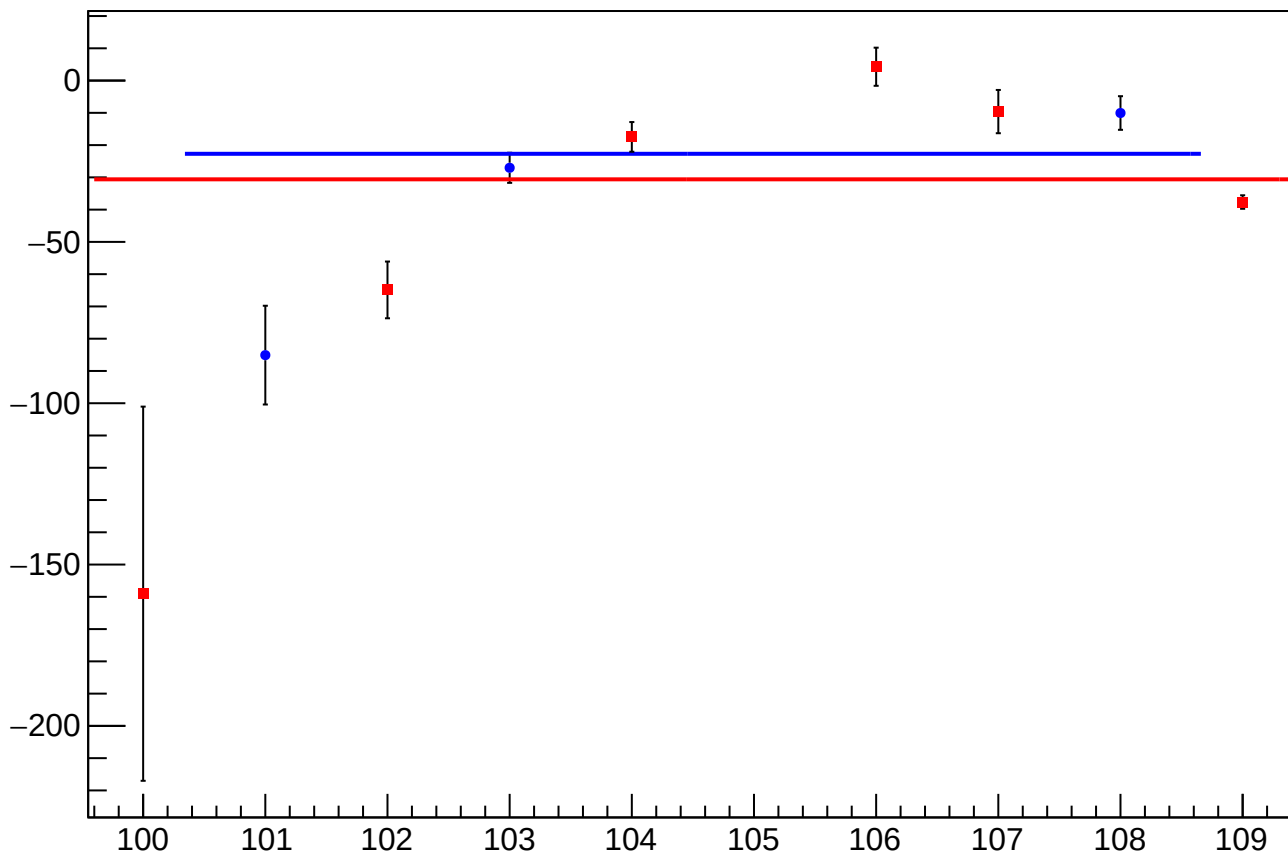
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -216.607+/-0.164 χ^2 /NDF: 62888.2/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -22.696 ± 3.389 χ^2/NDF : 23.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.609 ± 1.716 χ^2/NDF : 84.3/5

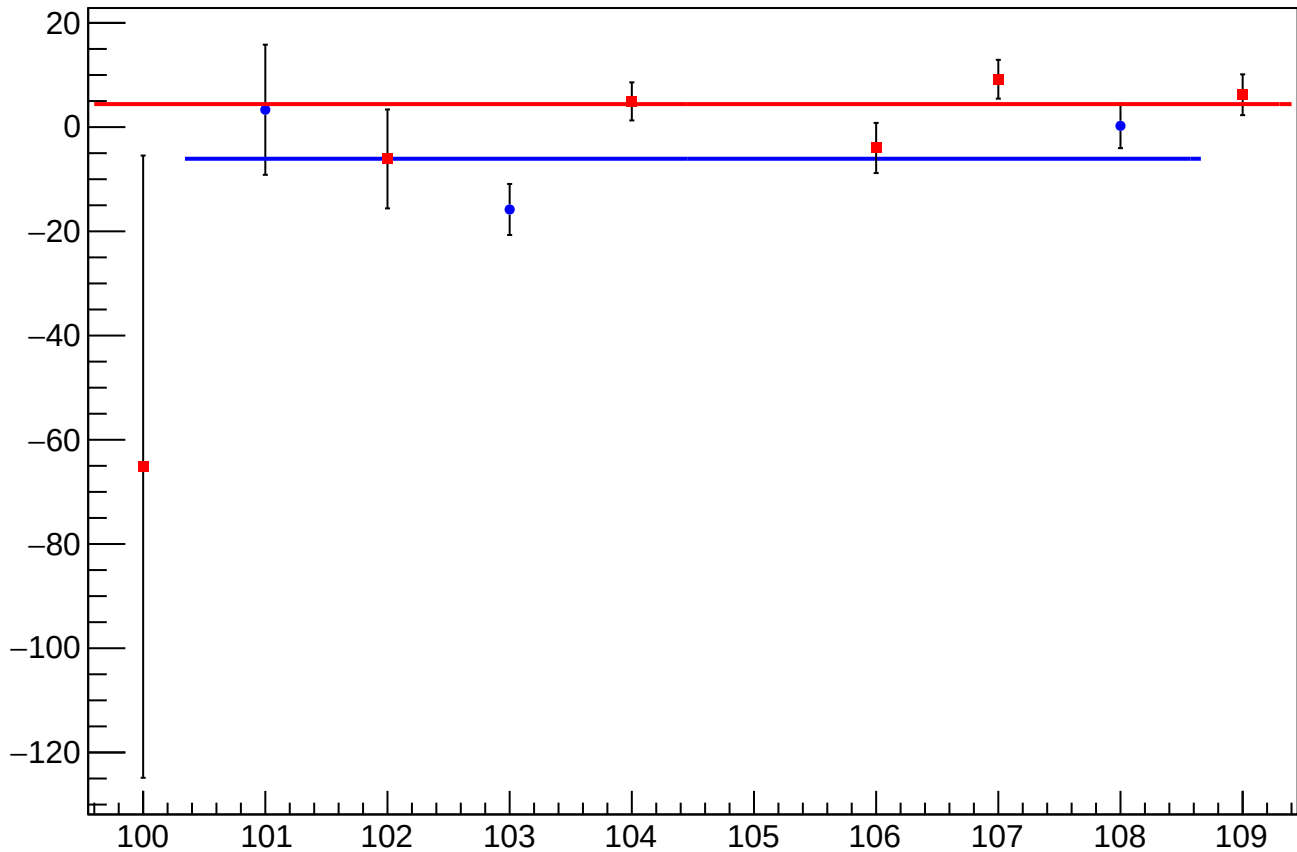
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.995 ± 1.531 χ^2/NDF : 112.0/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: -6.071+/-3.120 χ^2/NDF : 6.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.415+/-1.936 χ^2/NDF : 7.5/5

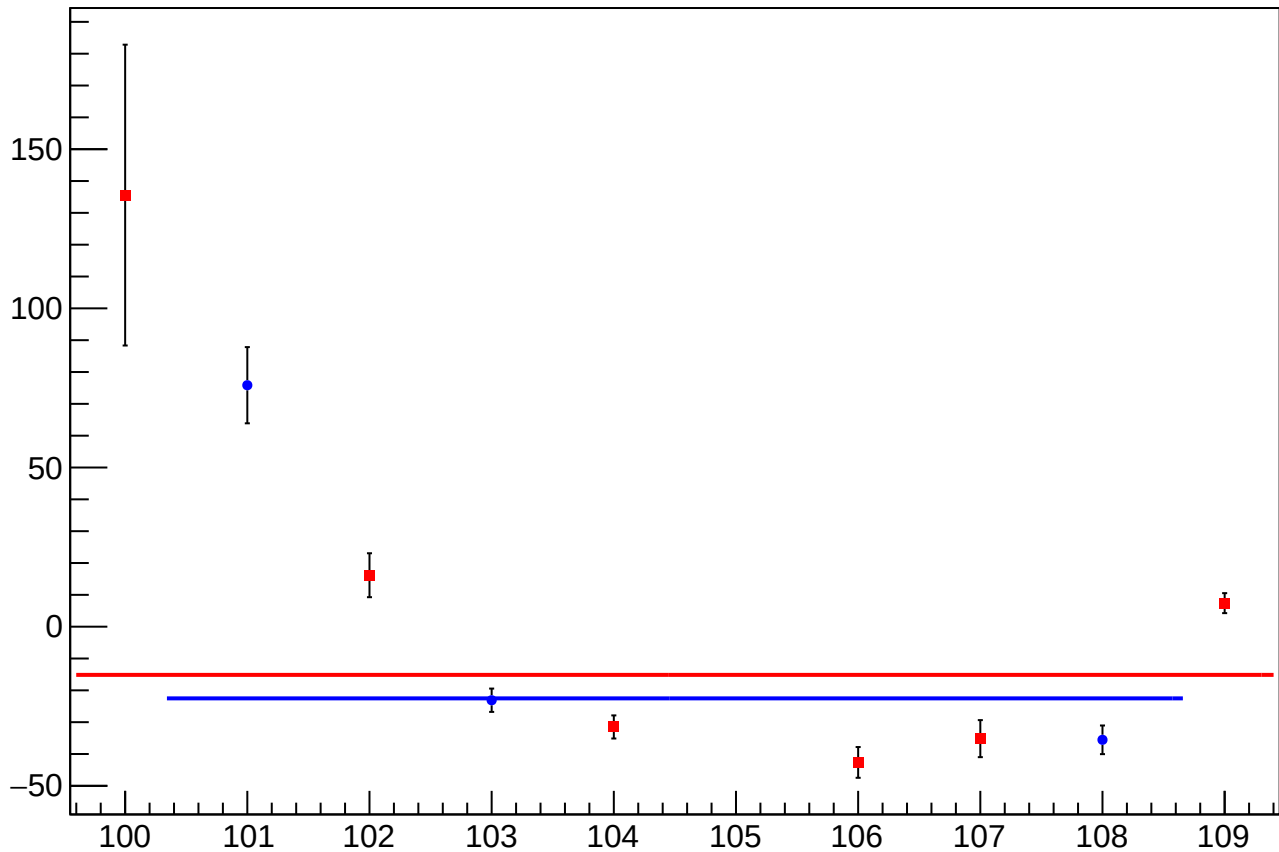
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.500+/-1.645 χ^2/NDF : 22.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: -22.523+/-2.764 χ^2/NDF : 75.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.142+/-1.920 χ^2/NDF : 146.9/5

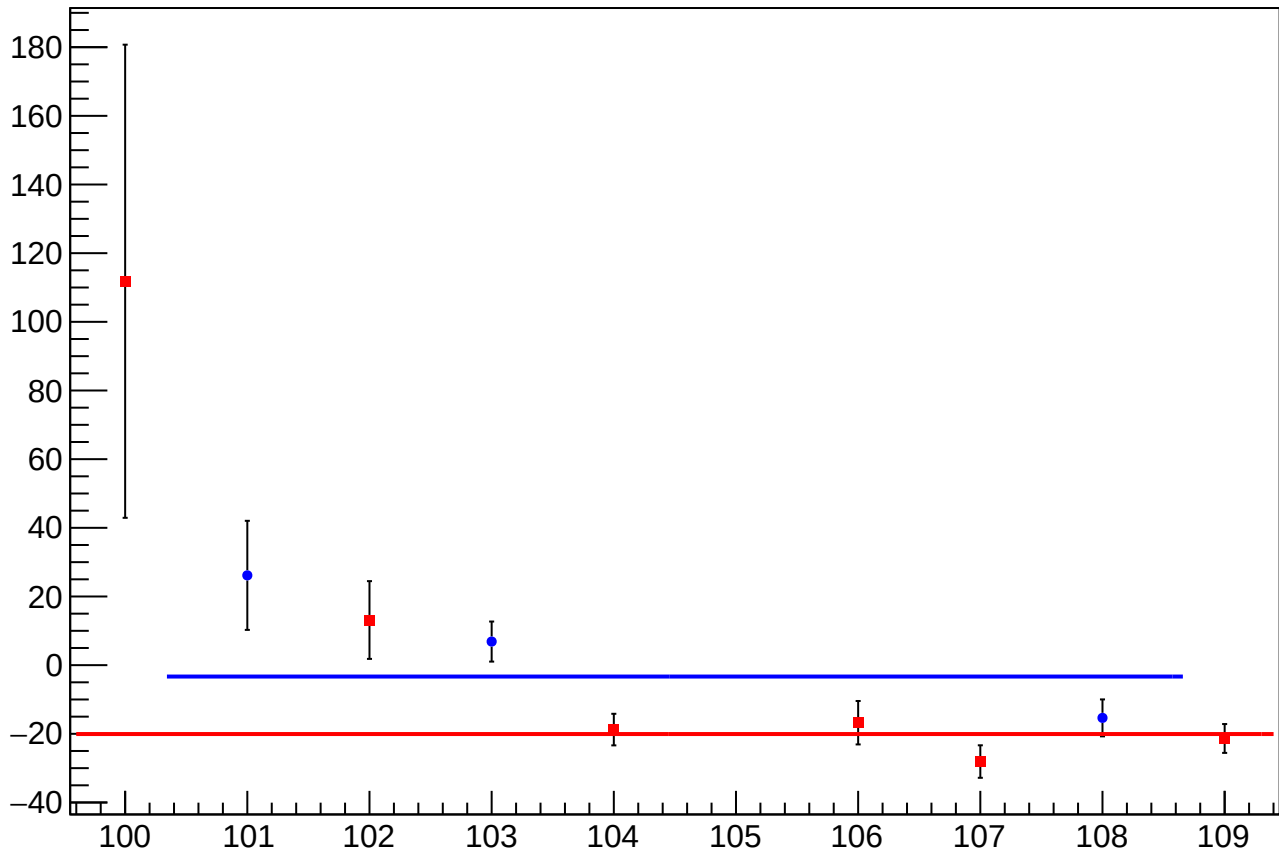
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.544+/-1.577 χ^2/NDF : 227.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -3.318+/-3.838 χ^2/NDF : 11.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.066+/-2.347 χ^2/NDF : 15.6/5

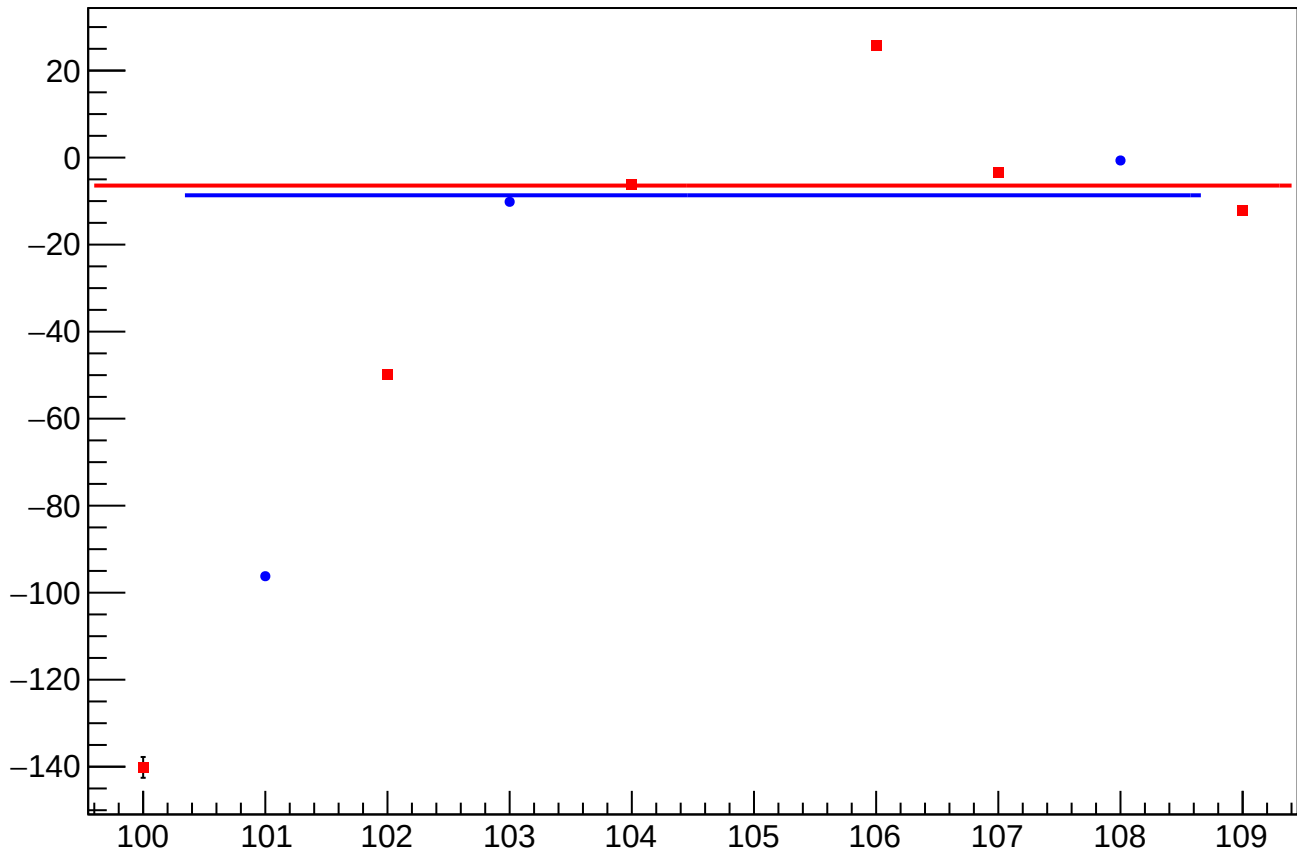
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.509+/-2.002 χ^2/NDF : 40.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -8.665+/-0.116 χ^2/NDF : 17277.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.429+/-0.099 χ^2/NDF : 44978.3/5

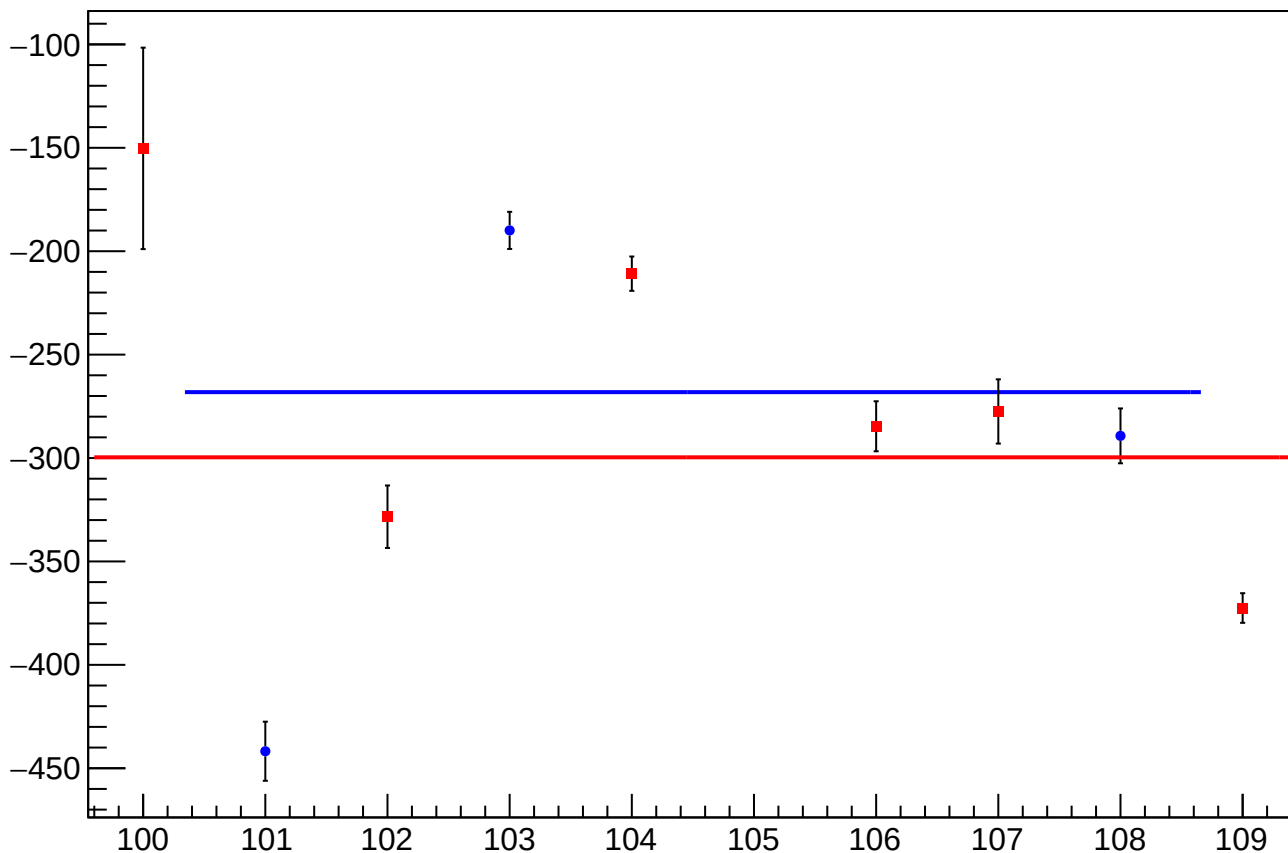
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.375+/-0.075 χ^2/NDF : 62471.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -268.139+/-6.595 χ^2 /NDF: 226.1/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -299.657+/-4.480 χ^2 /NDF: 234.8/5

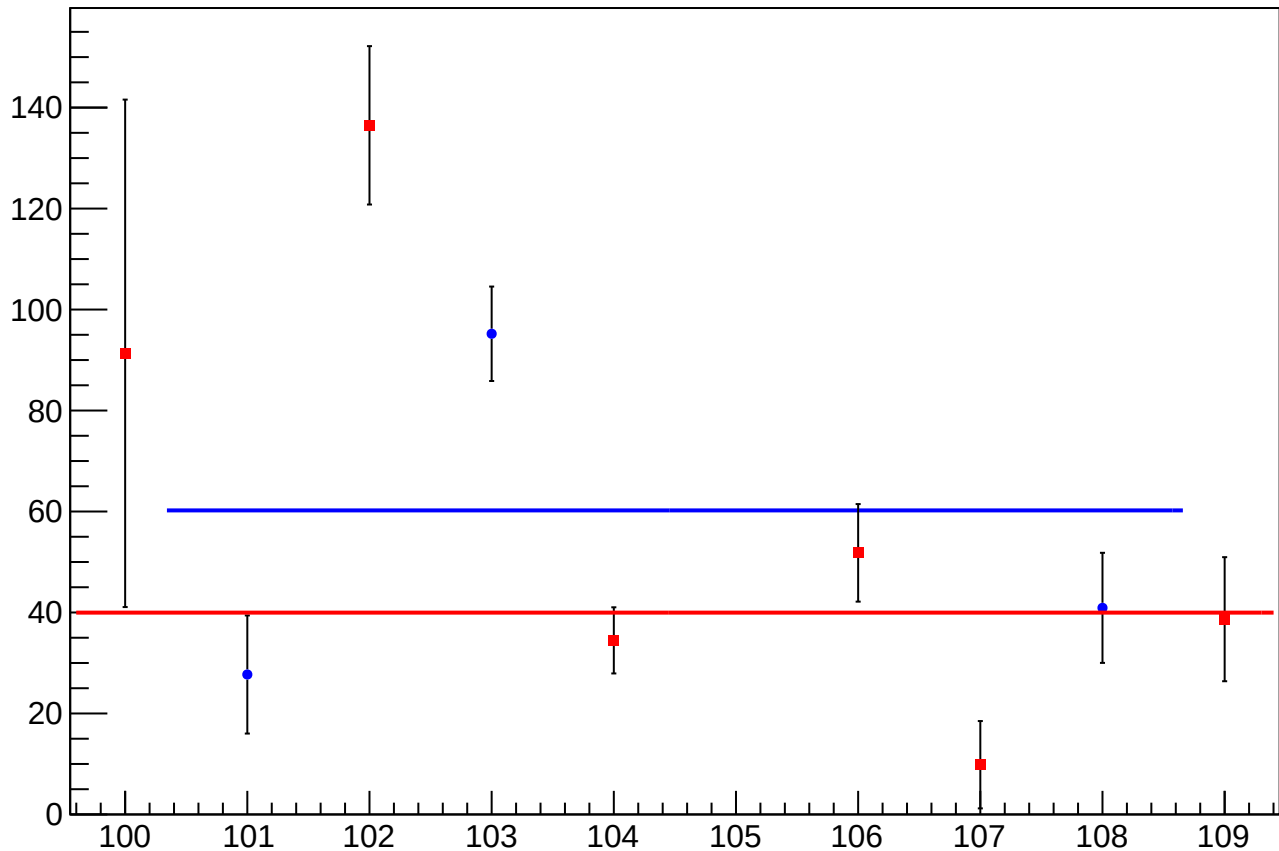
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -289.707+/-3.706 χ^2 /NDF: 476.5/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 60.219+/-6.068 χ^2/NDF : 24.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.974+/-4.136 χ^2/NDF : 53.3/5

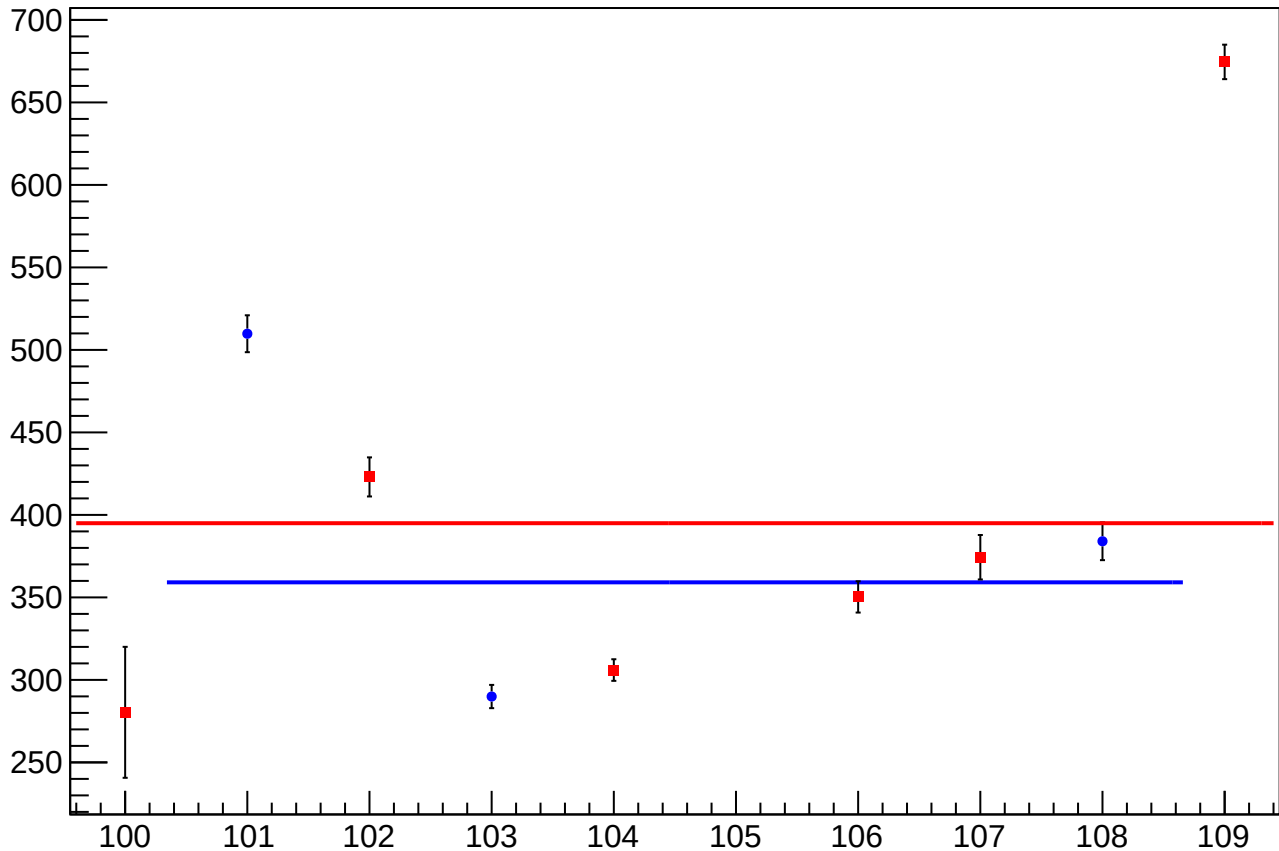
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.395+/-3.417 χ^2/NDF : 85.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 359.127 $\pm$ 5.288 χ^2 /NDF: 282.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 394.971 $\pm$ 4.192 χ^2 /NDF: 939.8/5

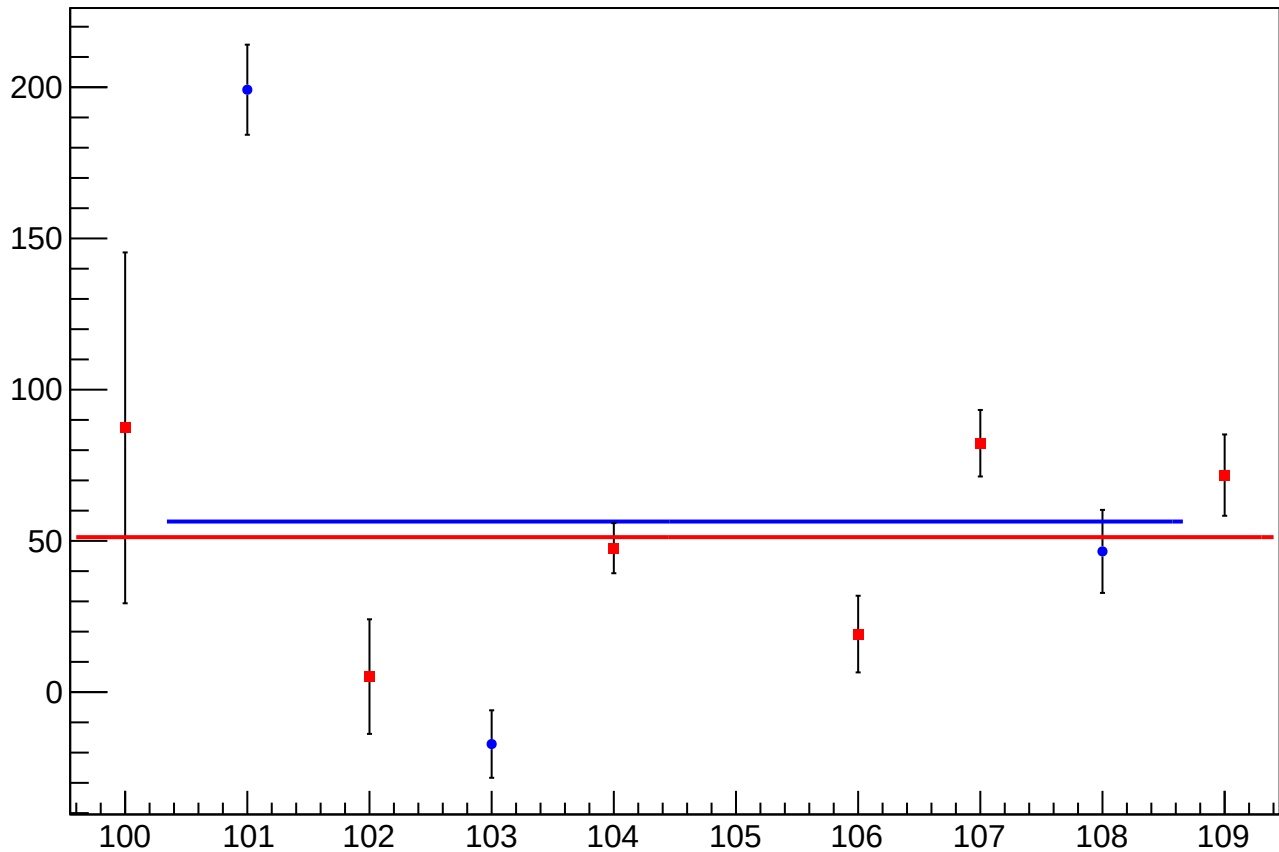
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 381.139 $\pm$ 3.285 χ^2 /NDF: 1250.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 56.403 $\pm$ 7.485 χ^2 /NDF: 135.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.240 $\pm$ 5.152 χ^2 /NDF: 23.2/5

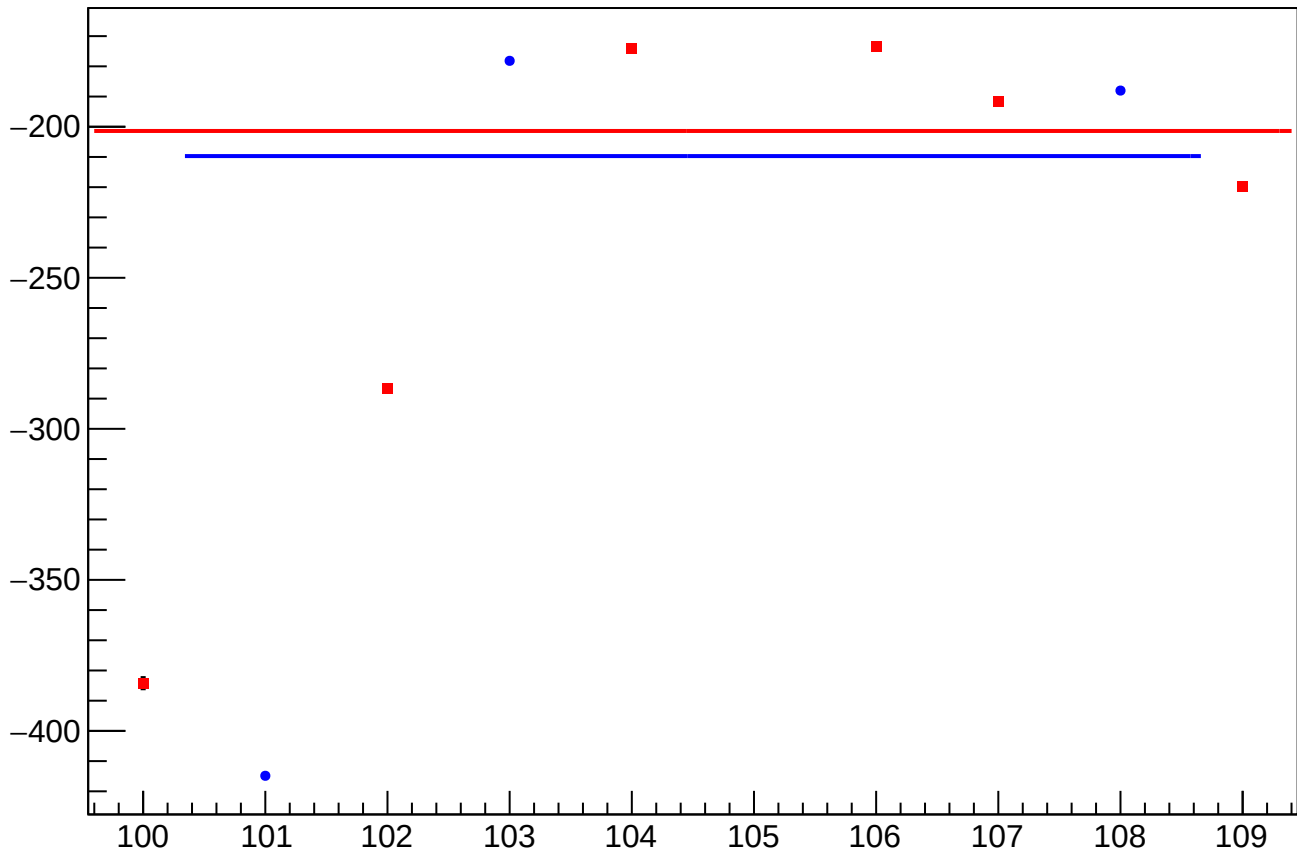
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.899 $\pm$ 4.244 χ^2 /NDF: 159.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -209.706+/-0.234 χ^2/NDF : 108065.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.394+/-0.208 χ^2/NDF : 47385.6/5

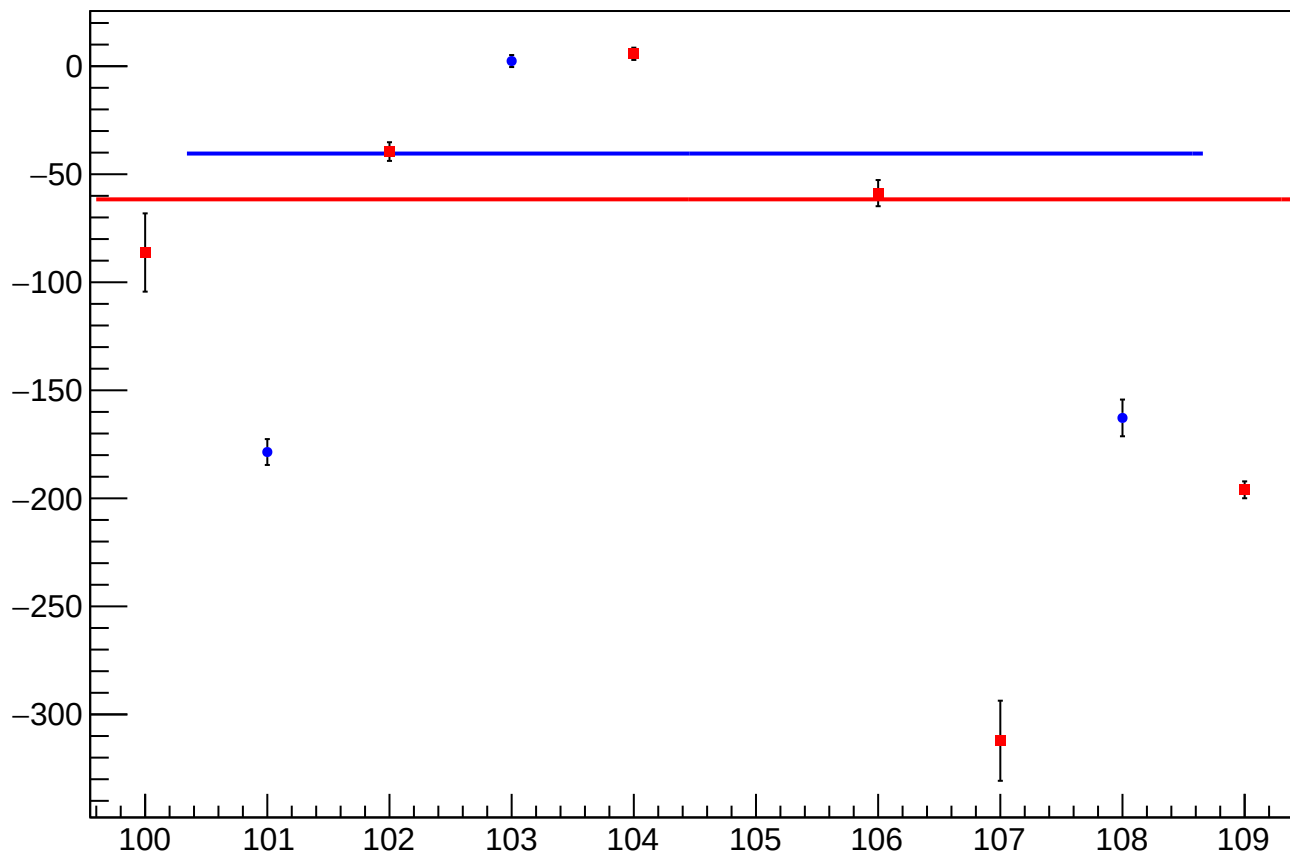
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.062+/-0.155 χ^2/NDF : 156156.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -40.425 ± 2.417 χ^2/NDF : 976.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -61.623 ± 1.902 χ^2/NDF : 1958.4/5

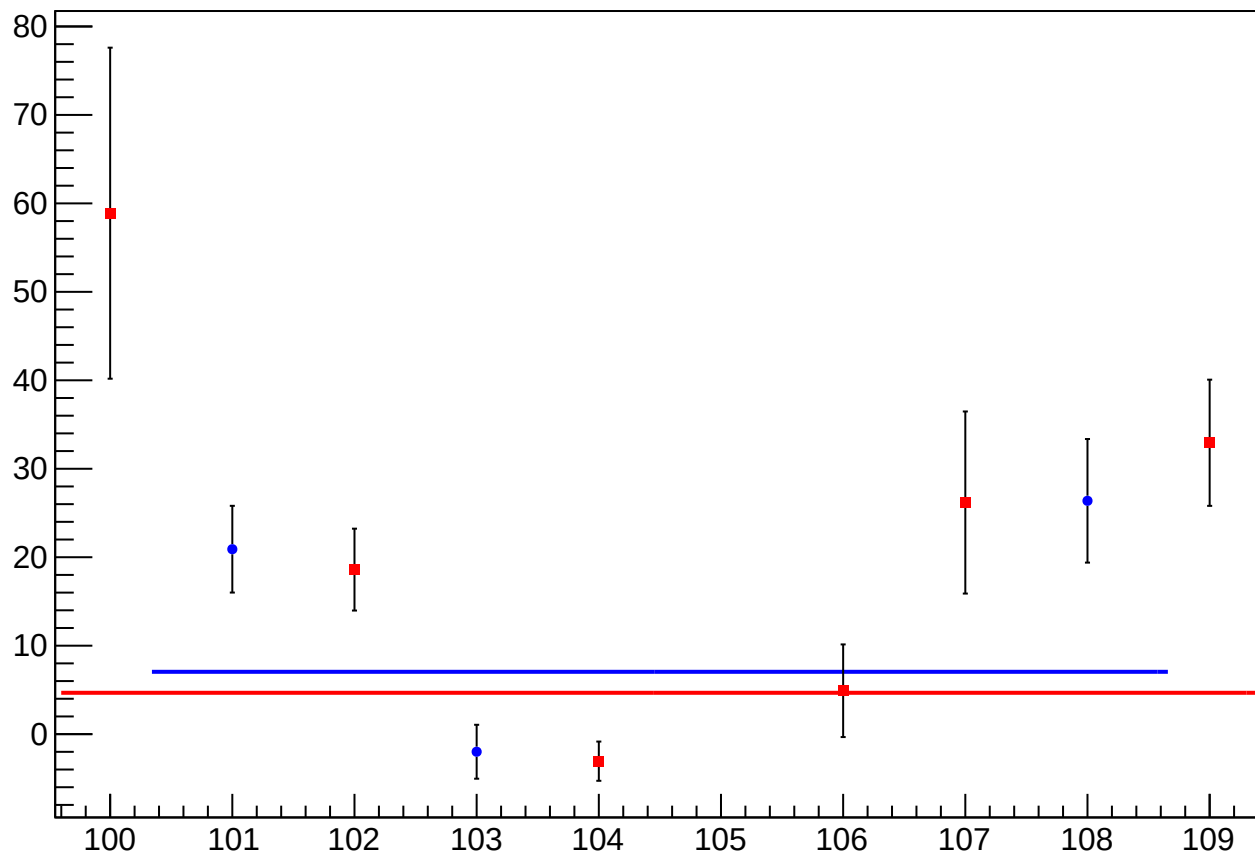
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -53.517 ± 1.495 χ^2/NDF : 2981.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 7.047 $\pm$ 2.427 χ^2 /NDF: 24.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.675 $\pm$ 1.772 χ^2 /NDF: 49.7/5

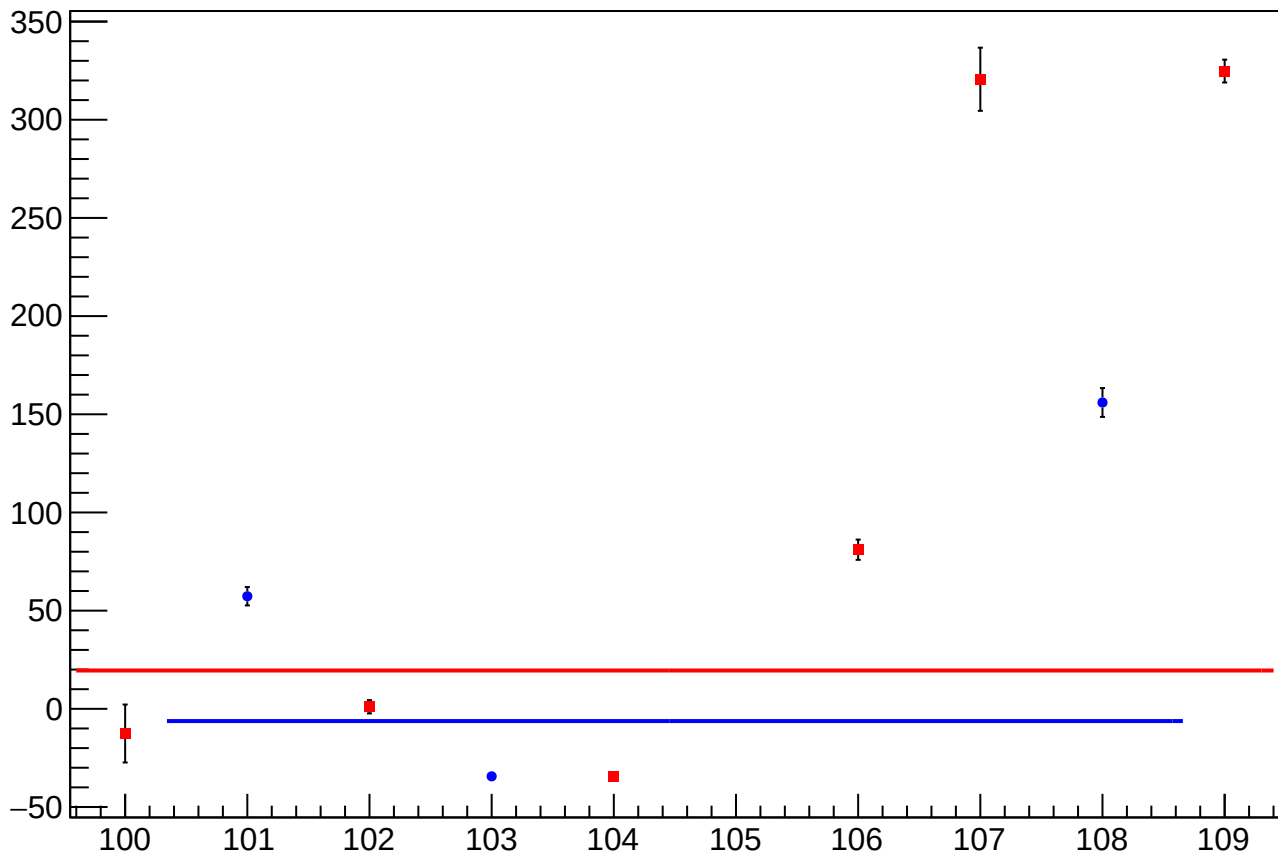
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.500 $\pm$ 1.431 χ^2 /NDF: 74.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: -6.225+/-1.911 χ^2/NDF : 838.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.516+/-1.662 χ^2/NDF : 3863.0/5

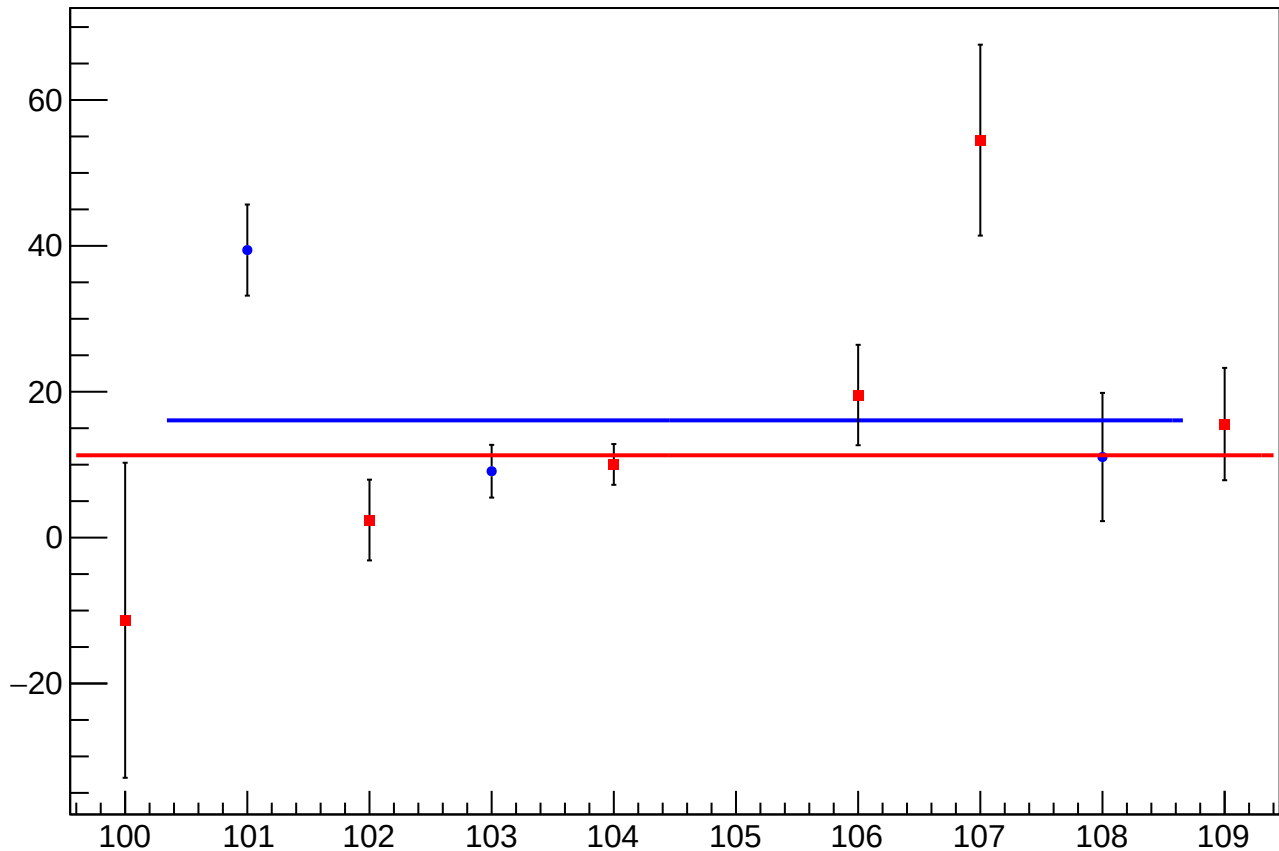
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.432+/-1.254 χ^2/NDF : 4804.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 16.075 ± 2.948 $\chi^2/\text{NDF}: 18.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.288 ± 2.200 $\chi^2/\text{NDF}: 16.5/5$

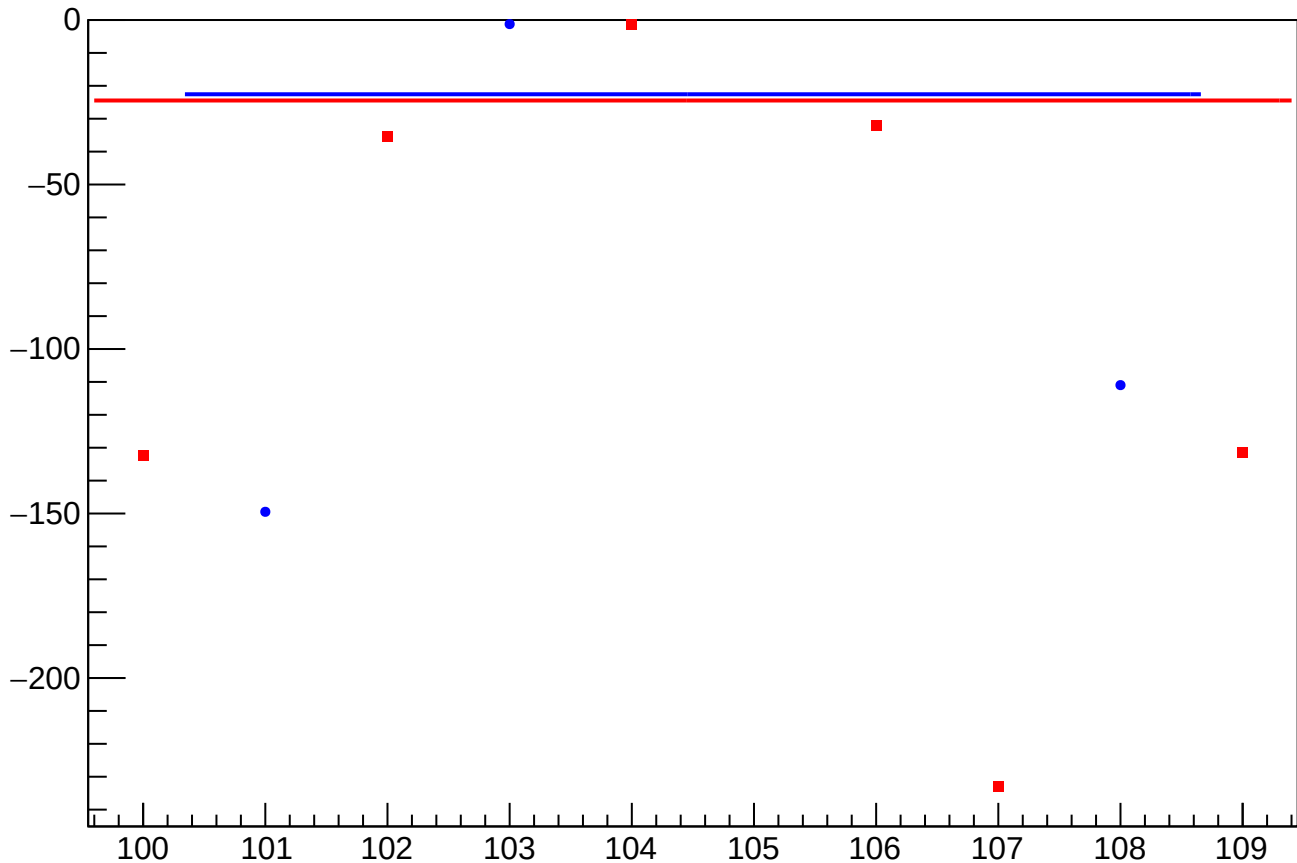
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 13.000 ± 1.763 $\chi^2/\text{NDF}: 36.2/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -22.568 $\pm$ 0.083 χ^2 /NDF: 347118.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -24.462 $\pm$ 0.076 χ^2 /NDF: 246200.3/5

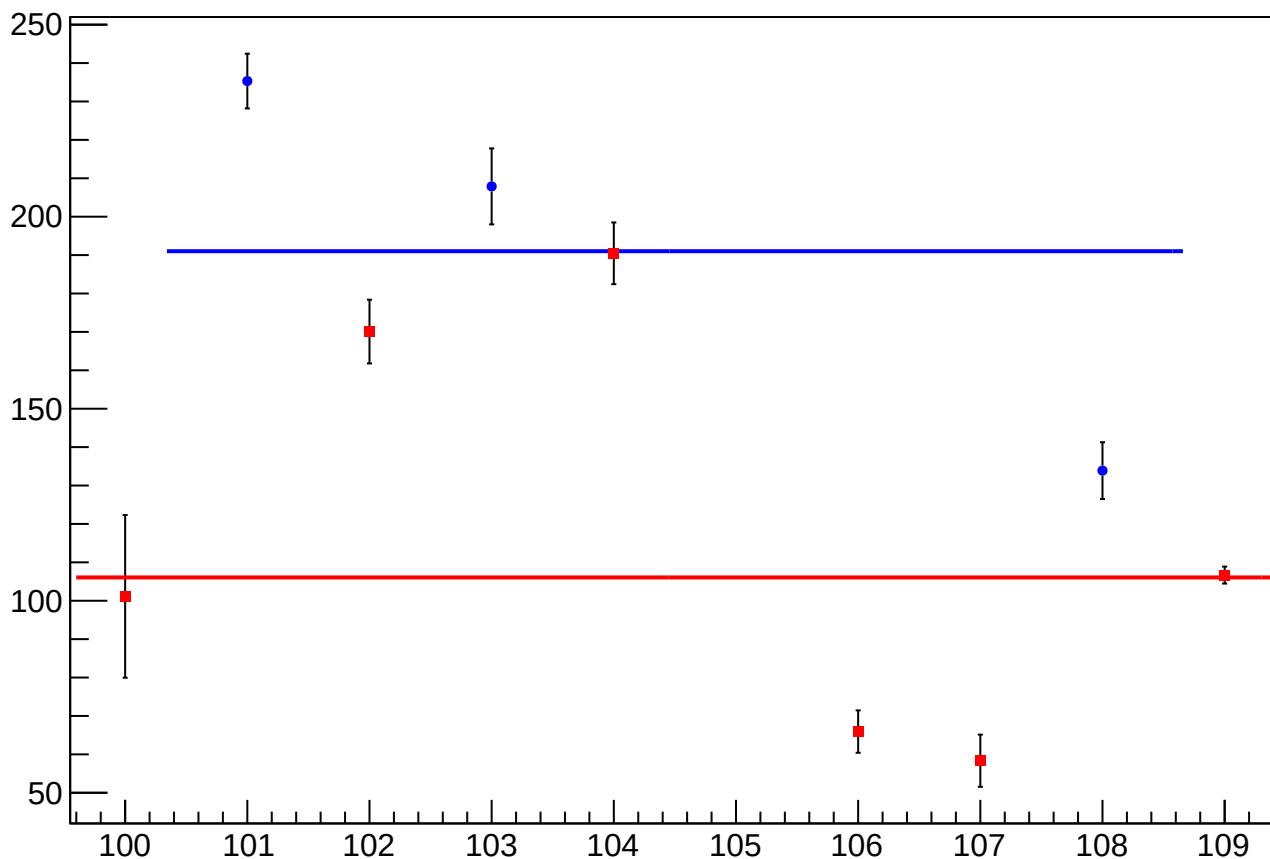
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.595 $\pm$ 0.056 χ^2 /NDF: 593601.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 191.014 $\pm$ 4.556 χ^2 /NDF: 101.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.069 $\pm$ 1.850 χ^2 /NDF: 272.3/5

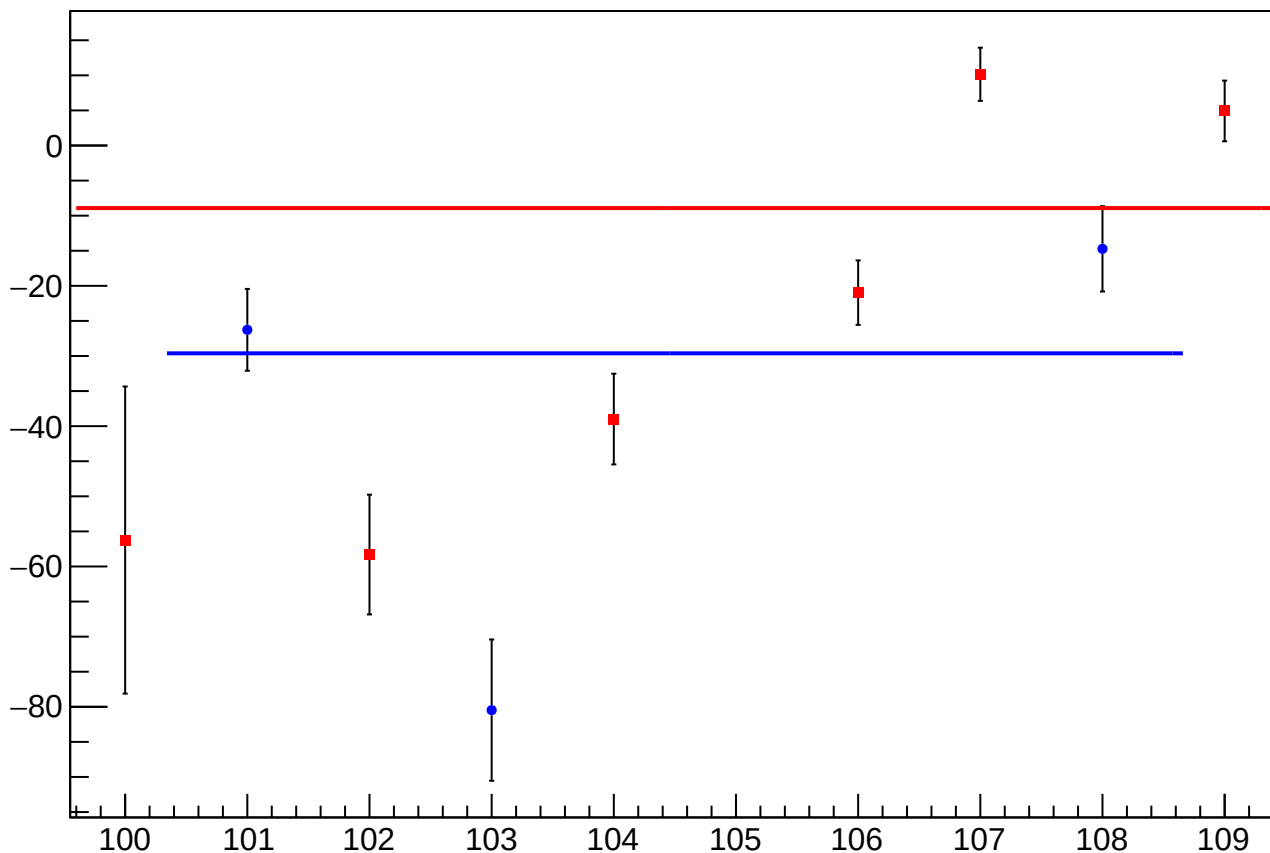
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.096 $\pm$ 1.714 χ^2 /NDF: 671.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: -29.621 ± 3.883 χ^2/NDF : 31.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.919 ± 2.181 χ^2/NDF : 102.2/5

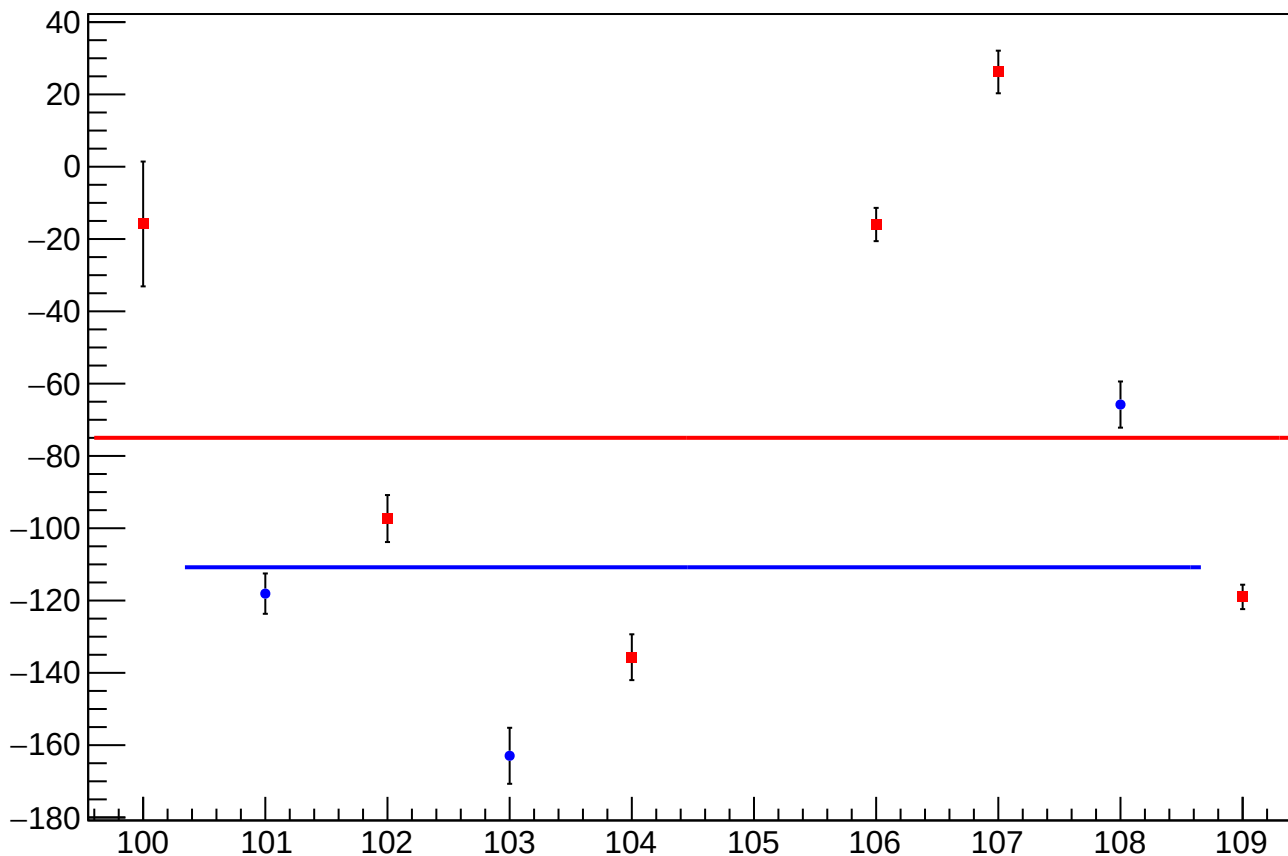
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.882 ± 1.901 χ^2/NDF : 155.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -110.795+/-3.694 χ^2/NDF : 96.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -74.987+/-2.153 χ^2/NDF : 744.5/5

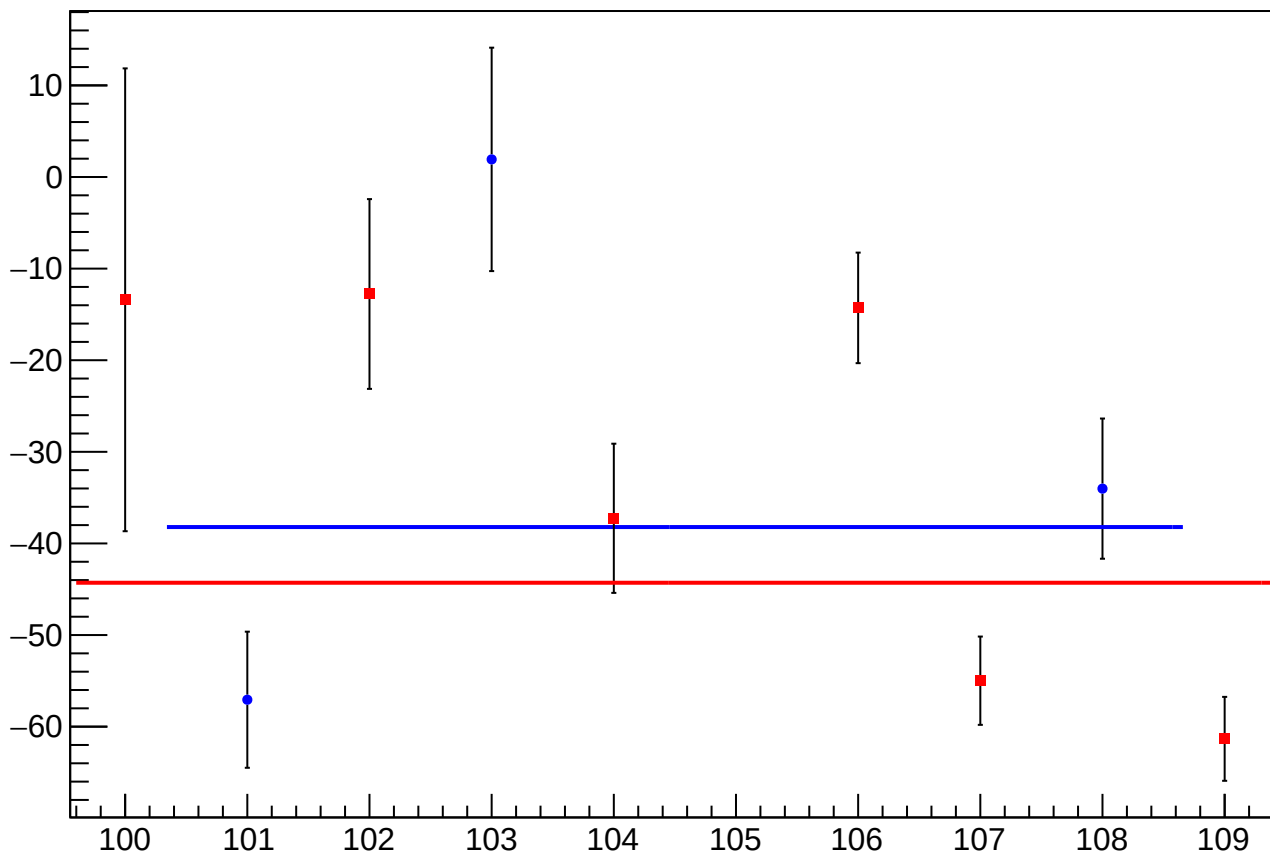
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.069+/-1.860 χ^2/NDF : 911.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -38.211 ± 4.884 χ^2/NDF : 17.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -44.291 ± 2.634 χ^2/NDF : 55.0/5

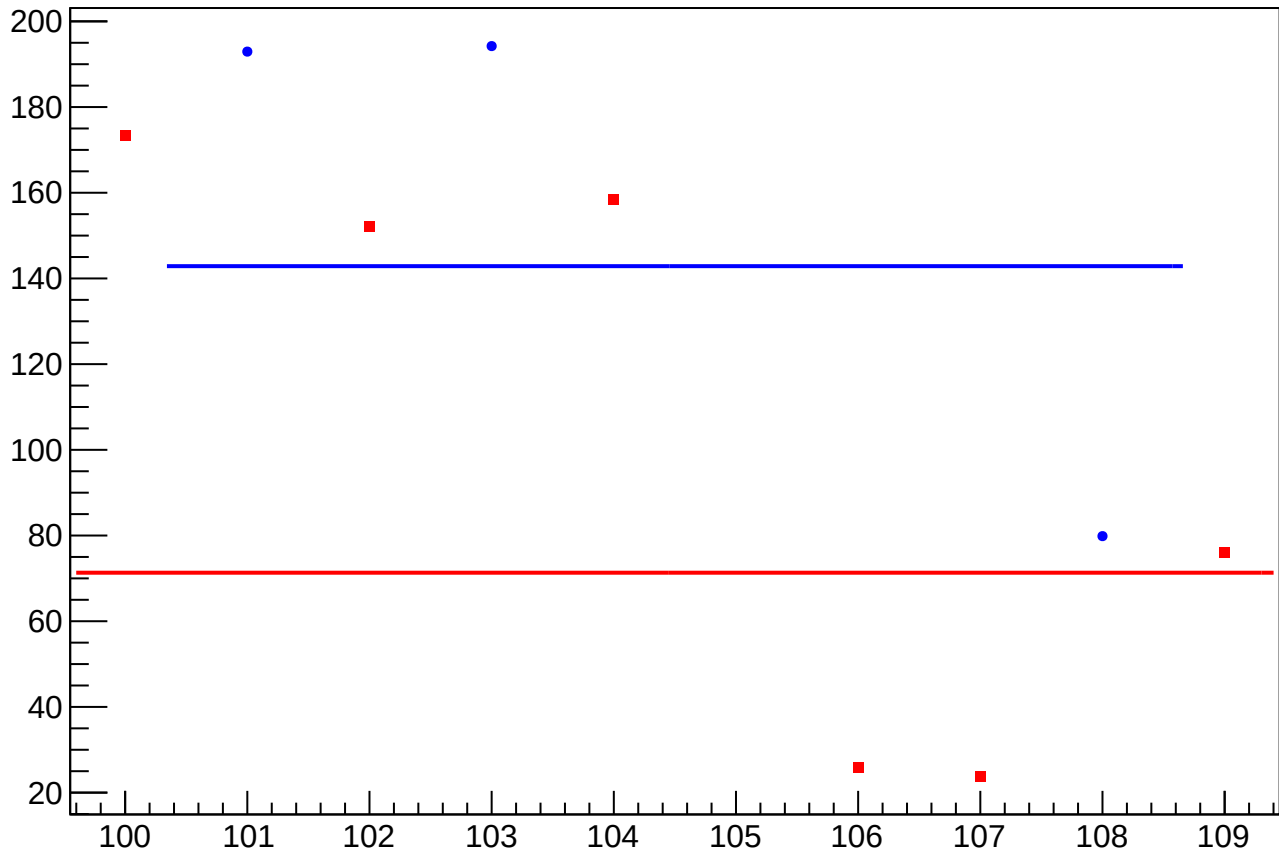
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.921 ± 2.318 χ^2/NDF : 73.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 142.867 $\pm$ 0.175 χ^2 /NDF: 104518.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 71.323 $\pm$ 0.108 χ^2 /NDF: 271810.4/5

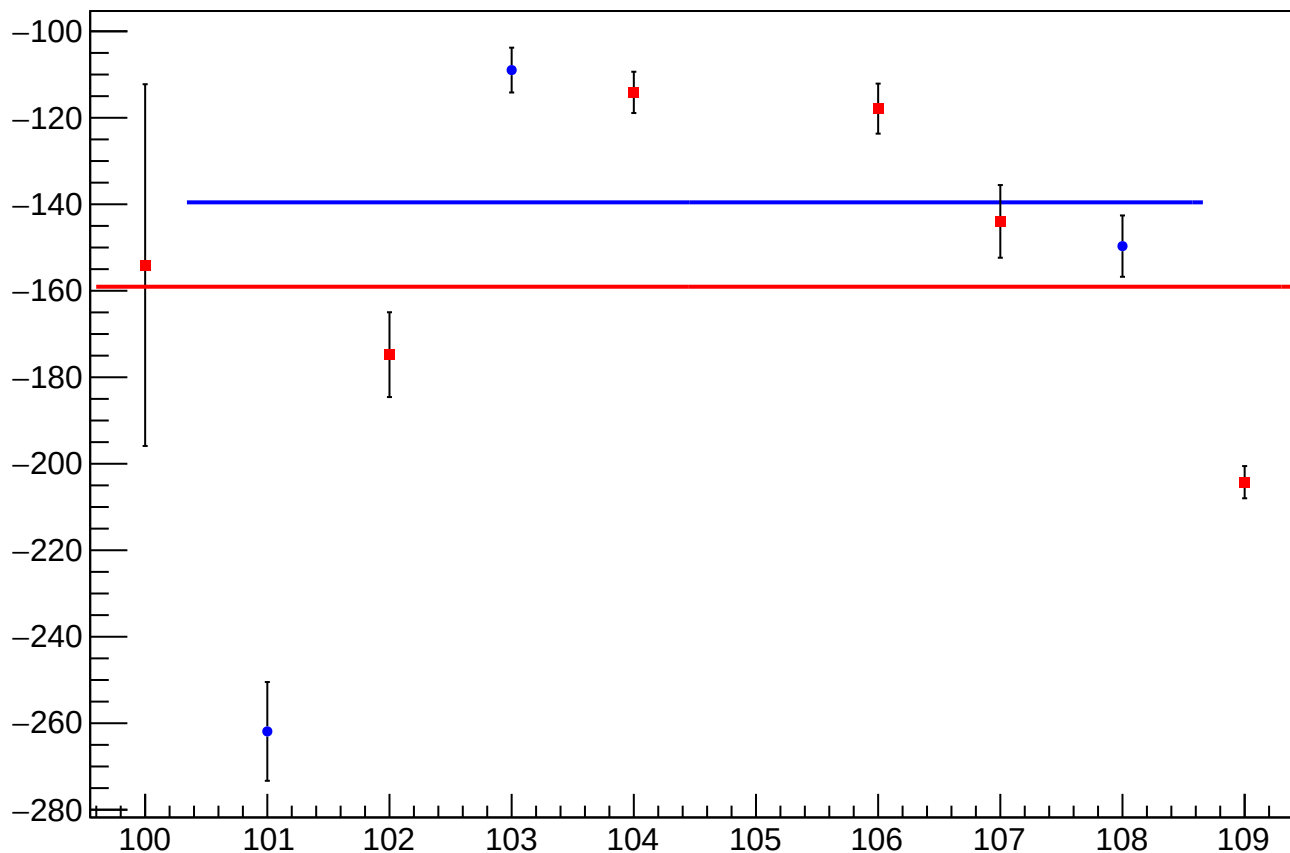
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.177 $\pm$ 0.092 χ^2 /NDF: 497265.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -139.554 $\pm$ 3.928 χ^2 /NDF: 151.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -159.063 $\pm$ 2.418 χ^2 /NDF: 292.4/5

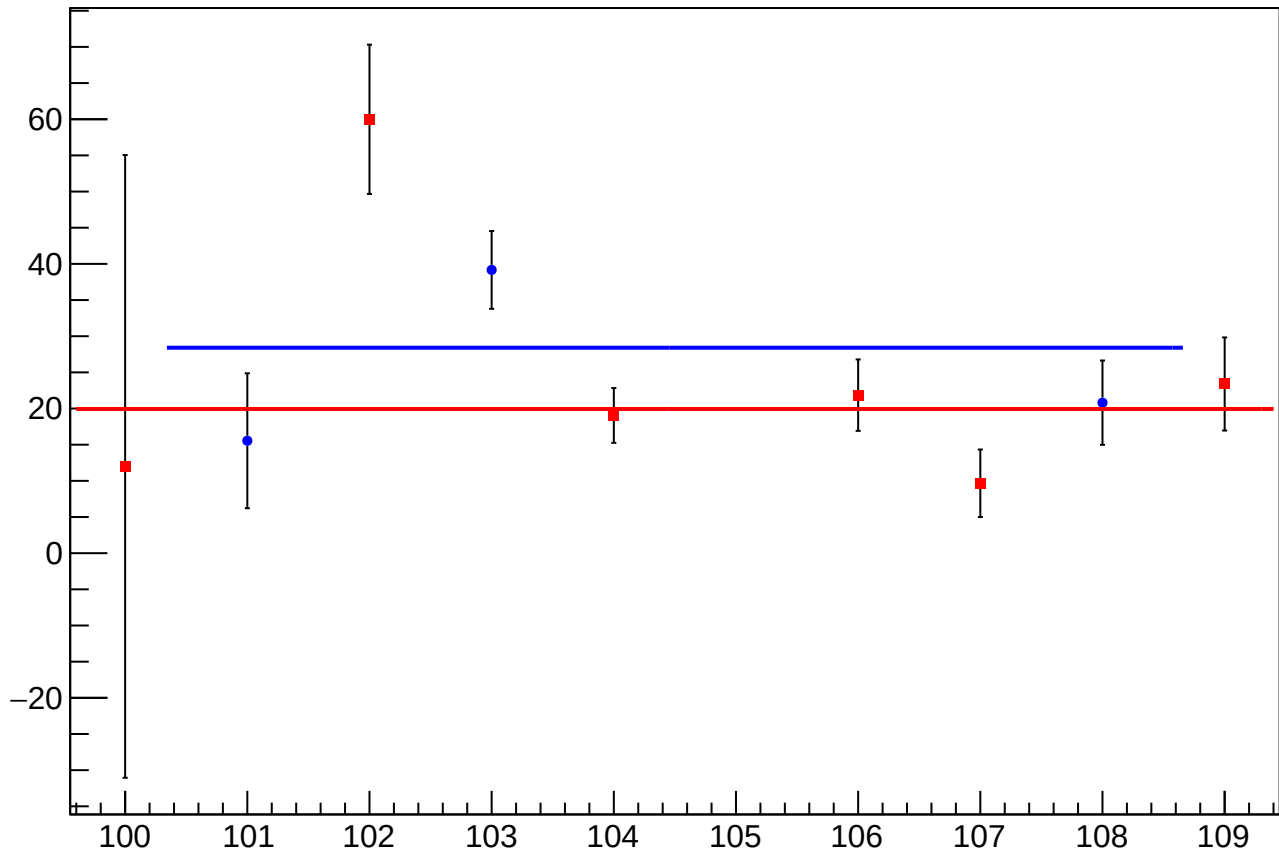
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -153.702 $\pm$ 2.059 χ^2 /NDF: 461.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 28.410 $\pm$ 3.640 χ^2/NDF : 7.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 19.939 $\pm$ 2.290 χ^2/NDF : 20.4/5

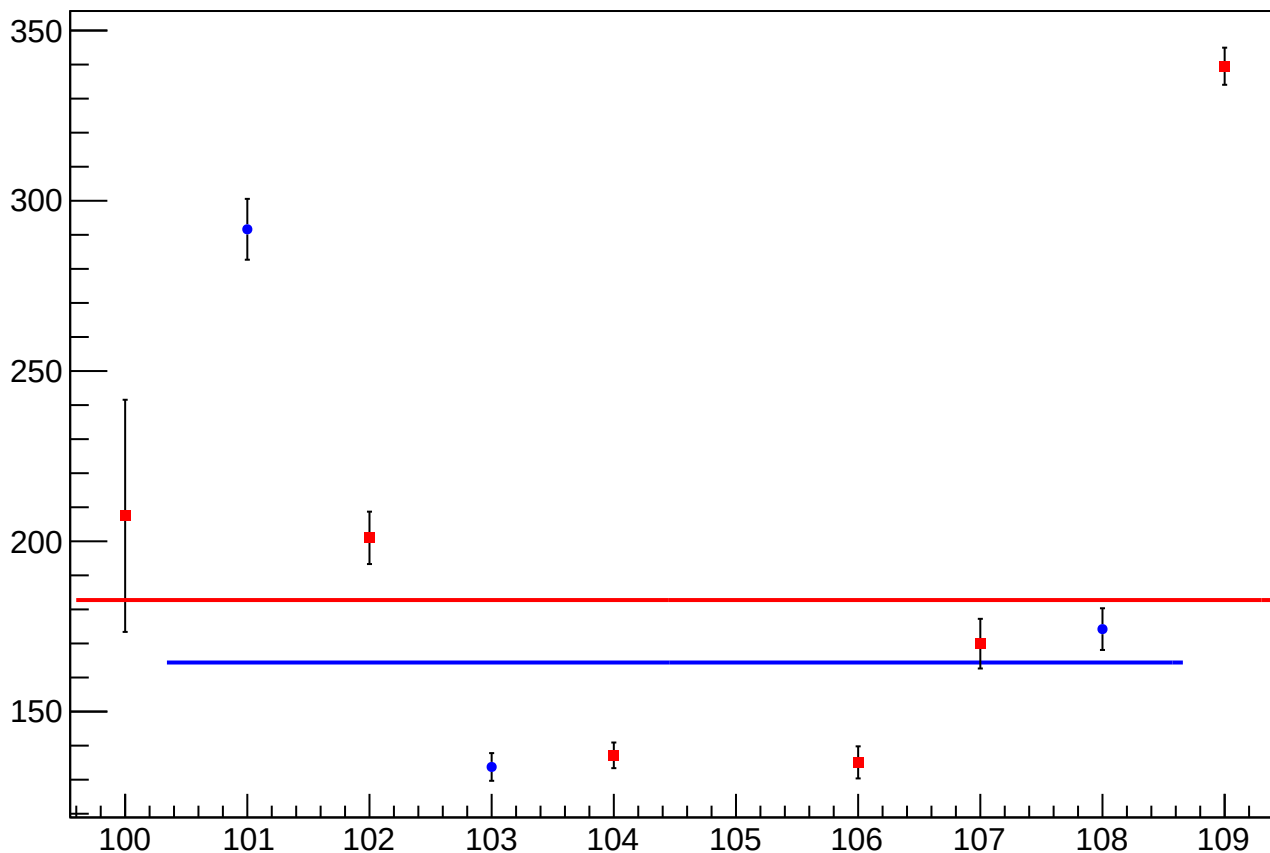
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 22.341 $\pm$ 1.938 χ^2/NDF : 31.9/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 164.407 ± 3.167 $\chi^2/\text{NDF}: 262.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 182.749 ± 2.320 $\chi^2/\text{NDF}: 1085.4/5$

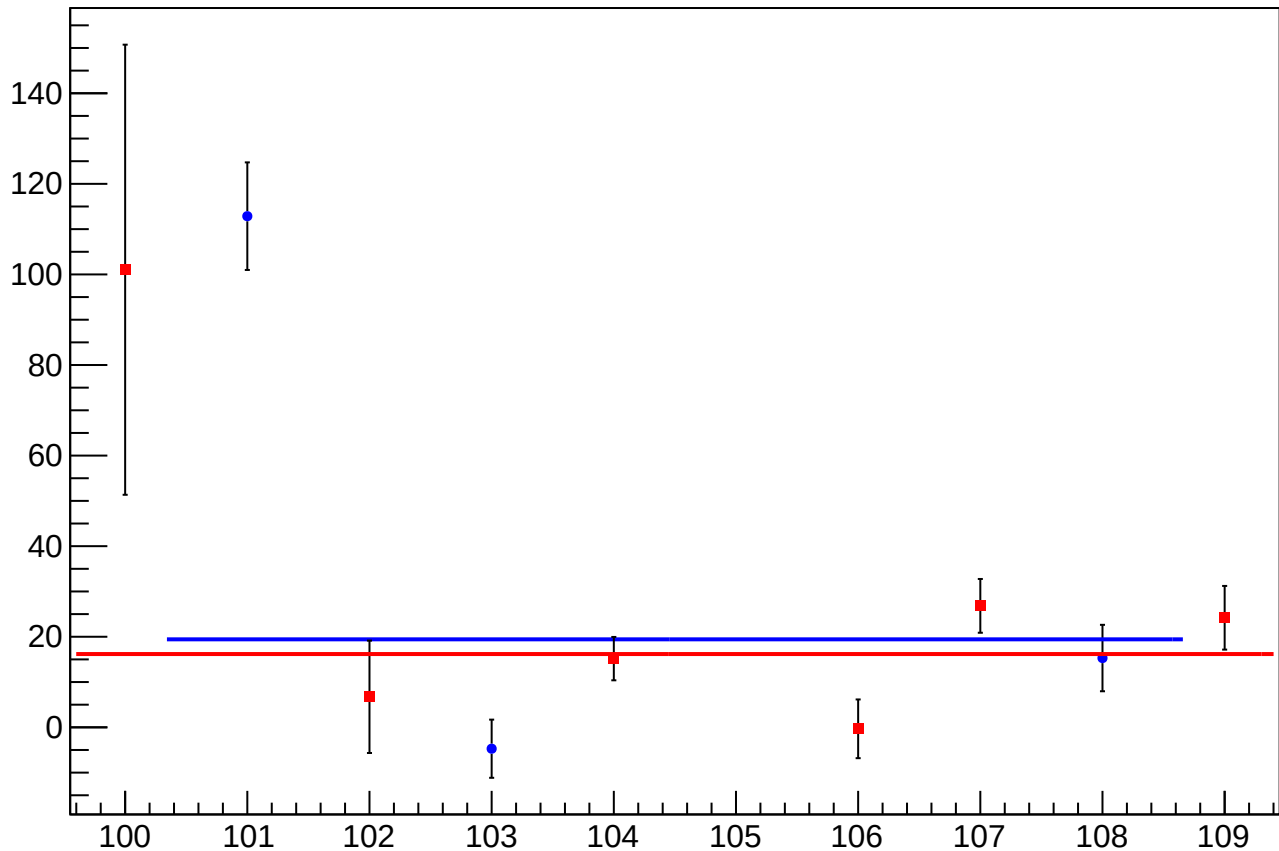
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 176.346 ± 1.871 $\chi^2/\text{NDF}: 1369.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 19.430 $\pm$ 4.475 χ^2 /NDF: 76.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.182 $\pm$ 2.852 χ^2 /NDF: 14.5/5

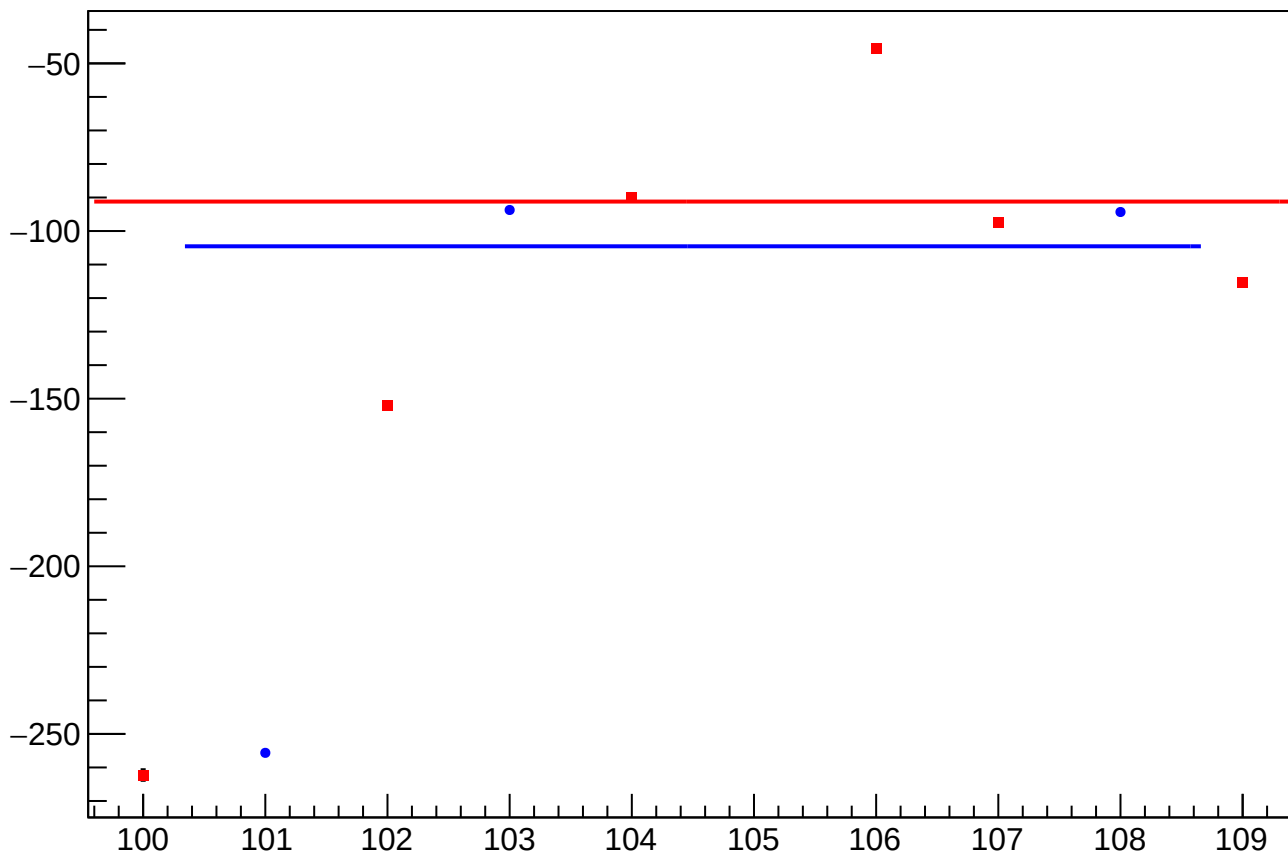
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.120 $\pm$ 2.405 χ^2 /NDF: 91.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -104.554+/-0.136 χ^2/NDF : 86668.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.213+/-0.114 χ^2/NDF : 87063.3/5

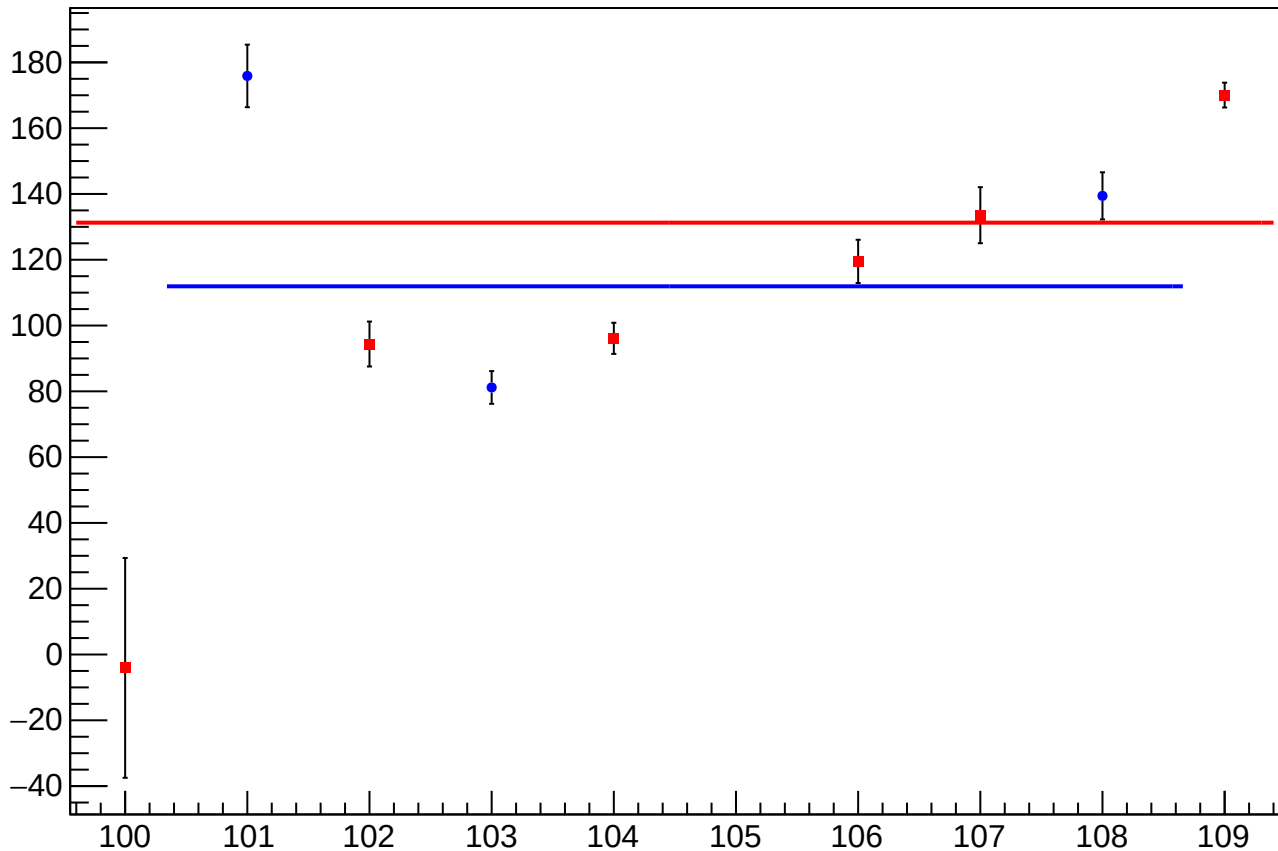
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -96.696+/-0.087 χ^2/NDF : 179381.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 111.922 $\pm$ 3.753 χ^2 /NDF: 98.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 131.277 $\pm$ 2.397 χ^2 /NDF: 209.6/5

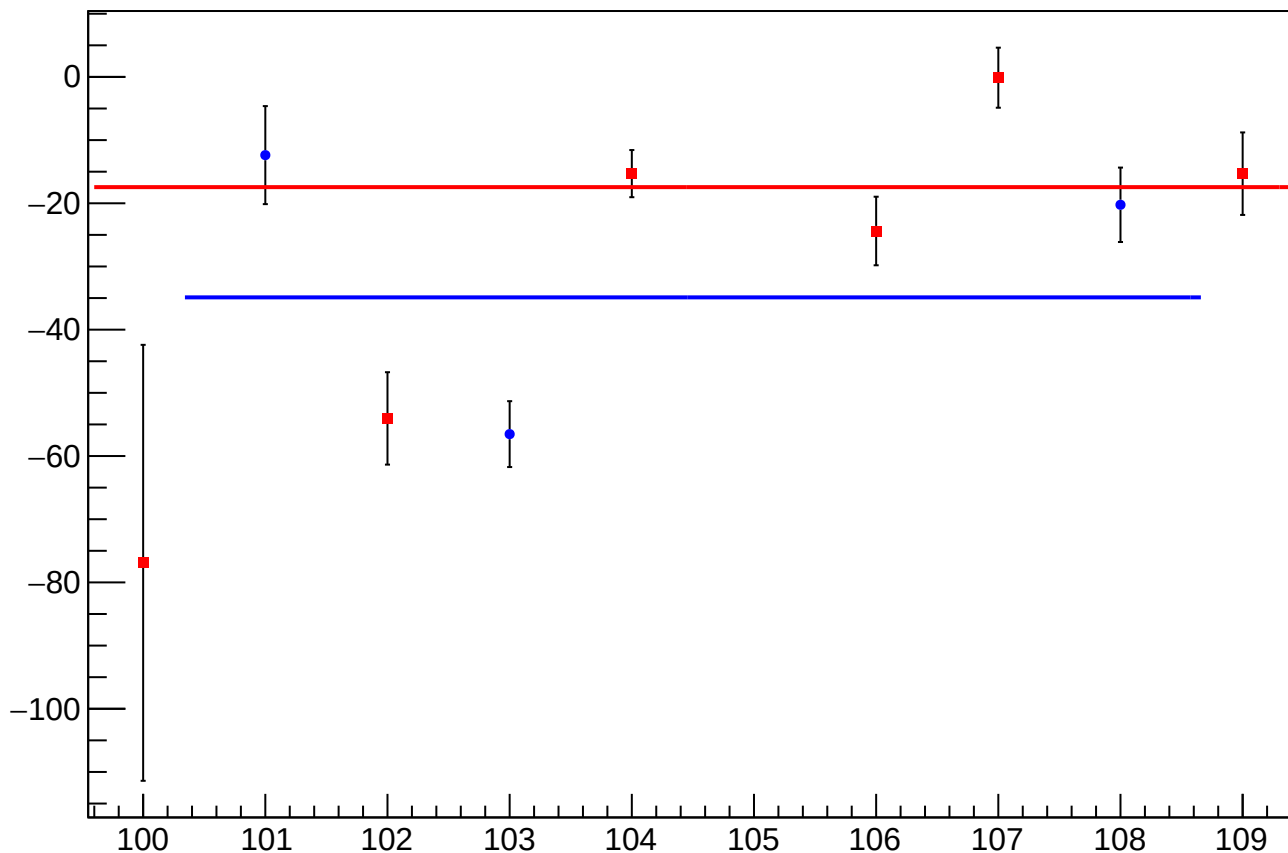
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.671 $\pm$ 2.020 χ^2 /NDF: 326.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: -34.889 ± 3.487 χ^2/NDF : 31.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.443 ± 2.276 χ^2/NDF : 43.4/5

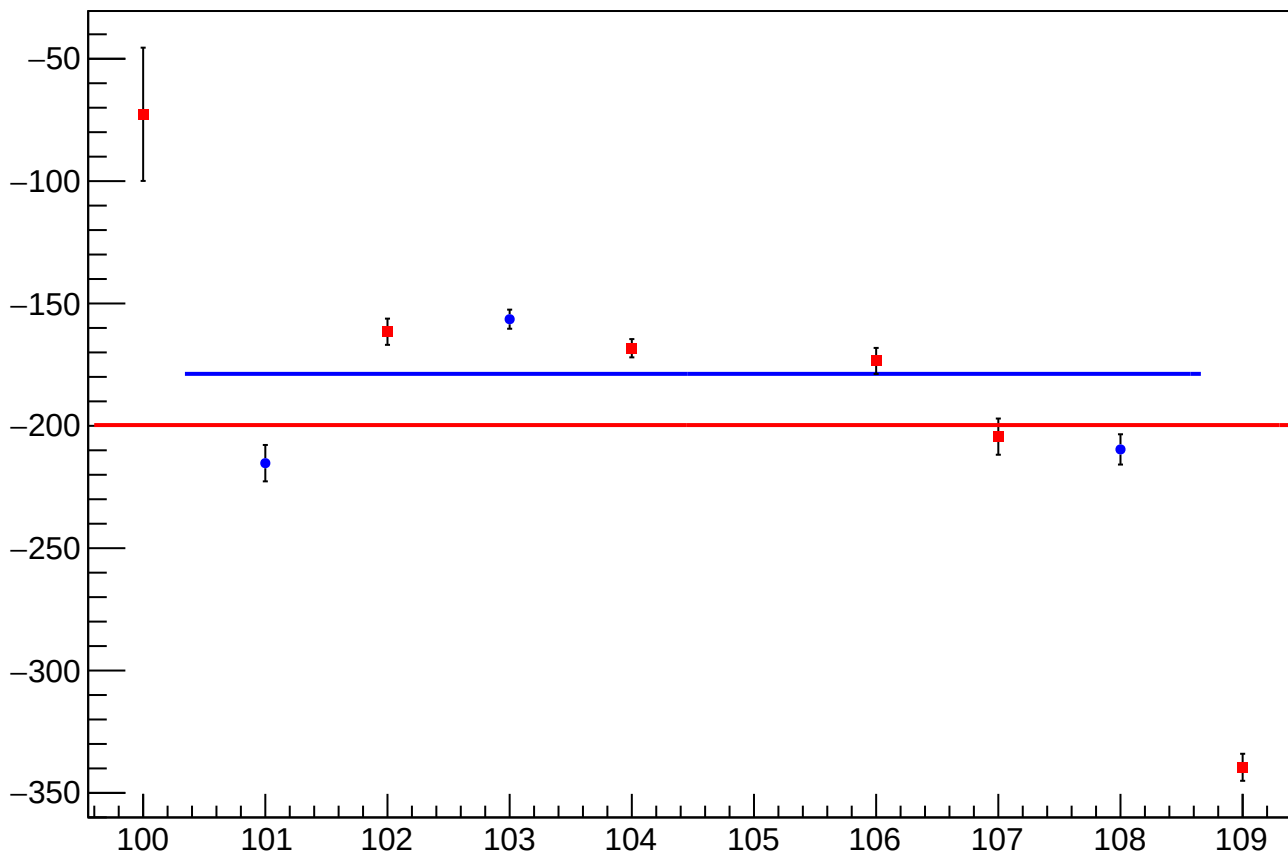
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.655 ± 1.906 χ^2/NDF : 92.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -178.760 ± 3.017 χ^2/NDF : 81.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -199.687 ± 2.269 χ^2/NDF : 809.4/5

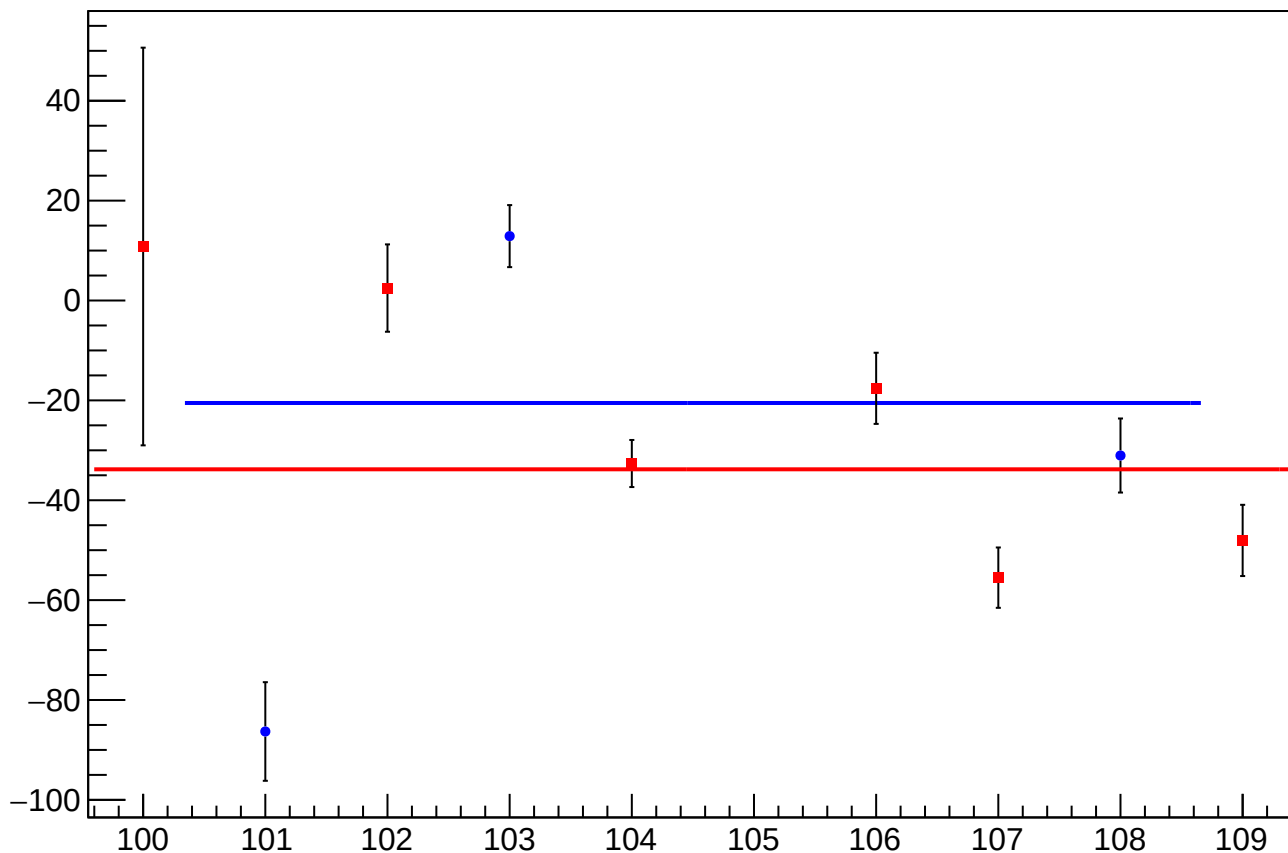
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -192.127 ± 1.813 χ^2/NDF : 921.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -20.522 ± 4.289 χ^2/NDF : 75.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.804 ± 2.823 χ^2/NDF : 40.6/5

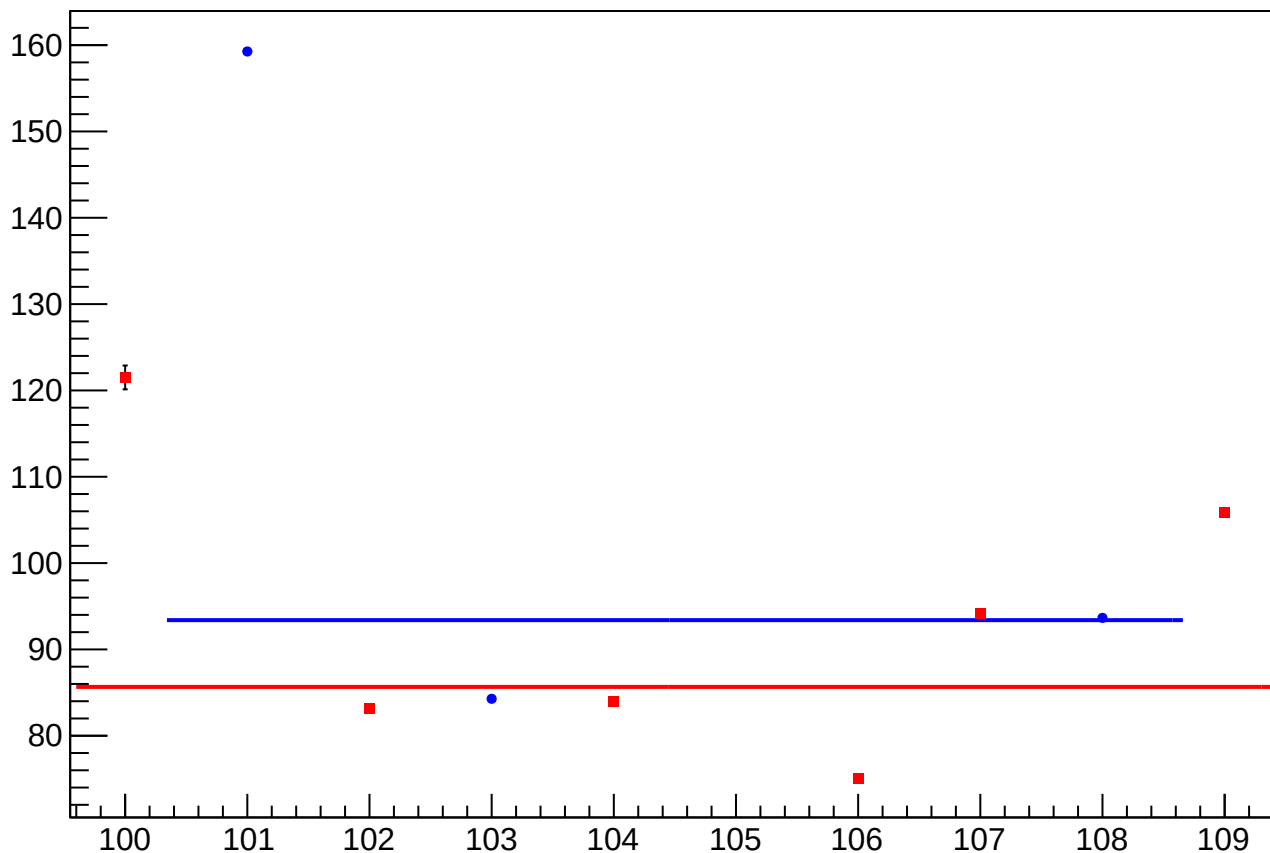
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.788 ± 2.358 χ^2/NDF : 122.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 93.391+/-0.131 χ^2/NDF : 25446.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.660+/-0.109 χ^2/NDF : 6412.7/5

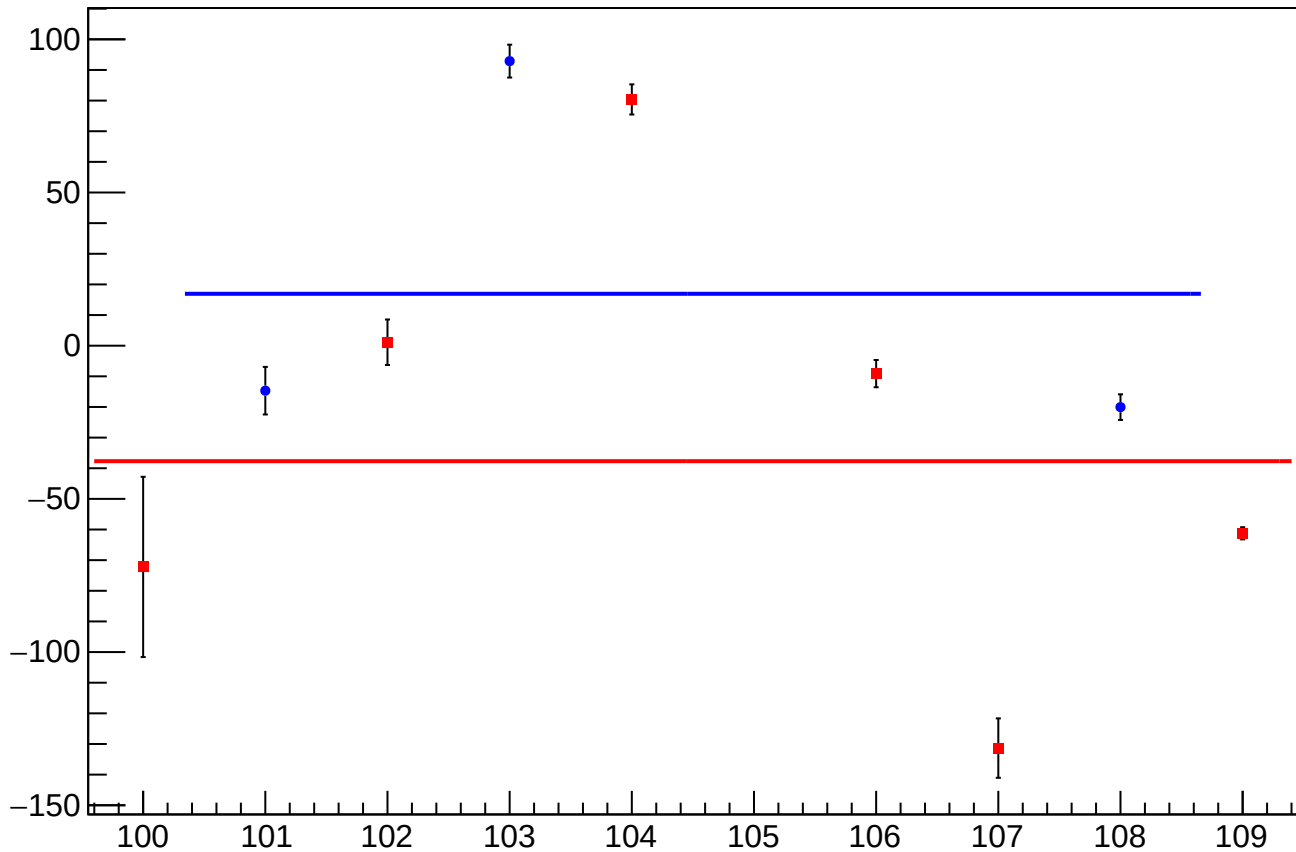
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.815+/-0.084 χ^2/NDF : 33921.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: 16.942+/-3.036 χ^2/NDF : 295.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.694+/-1.631 χ^2/NDF : 879.1/5

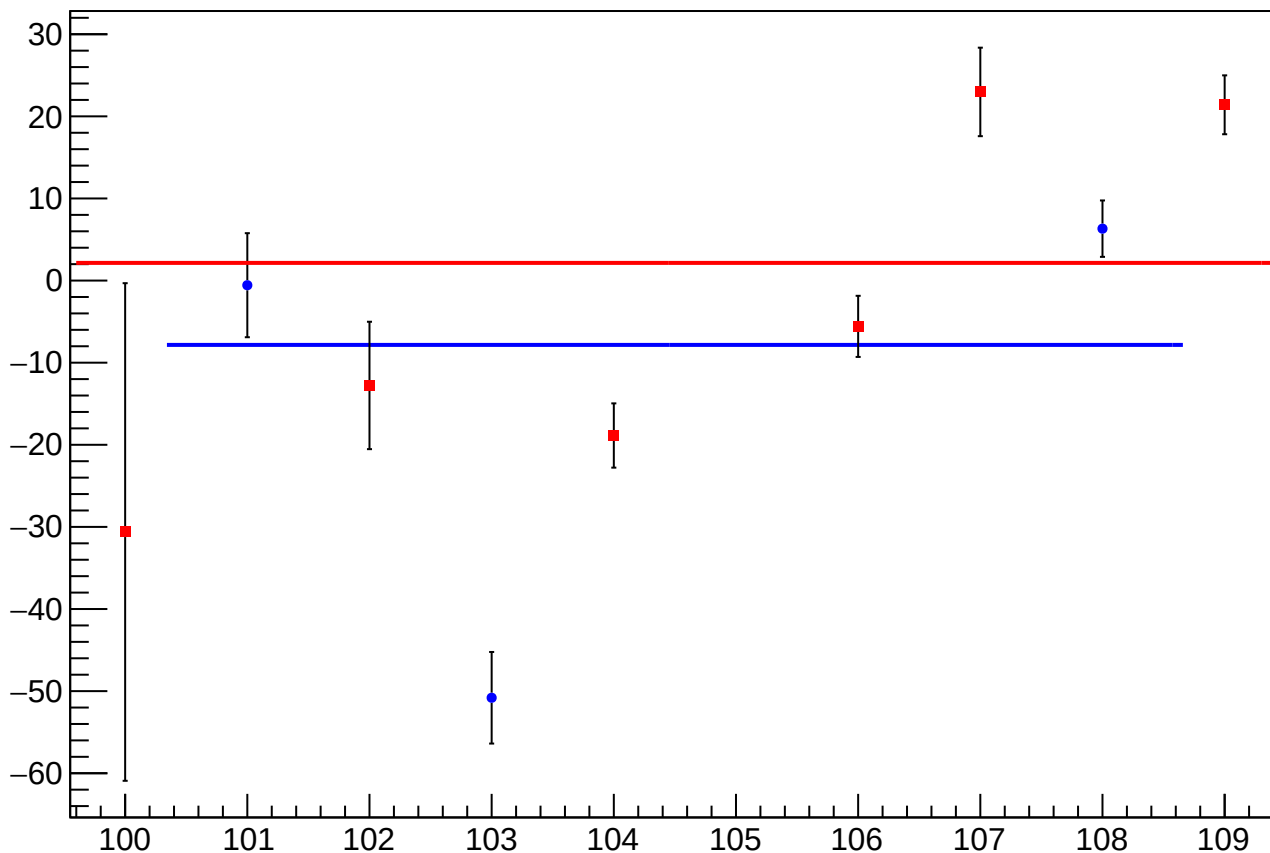
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.454+/-1.437 χ^2/NDF : 1425.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: -7.835 ± 2.655 $\chi^2/\text{NDF}: 77.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2.152 ± 1.934 $\chi^2/\text{NDF}: 81.8/5$

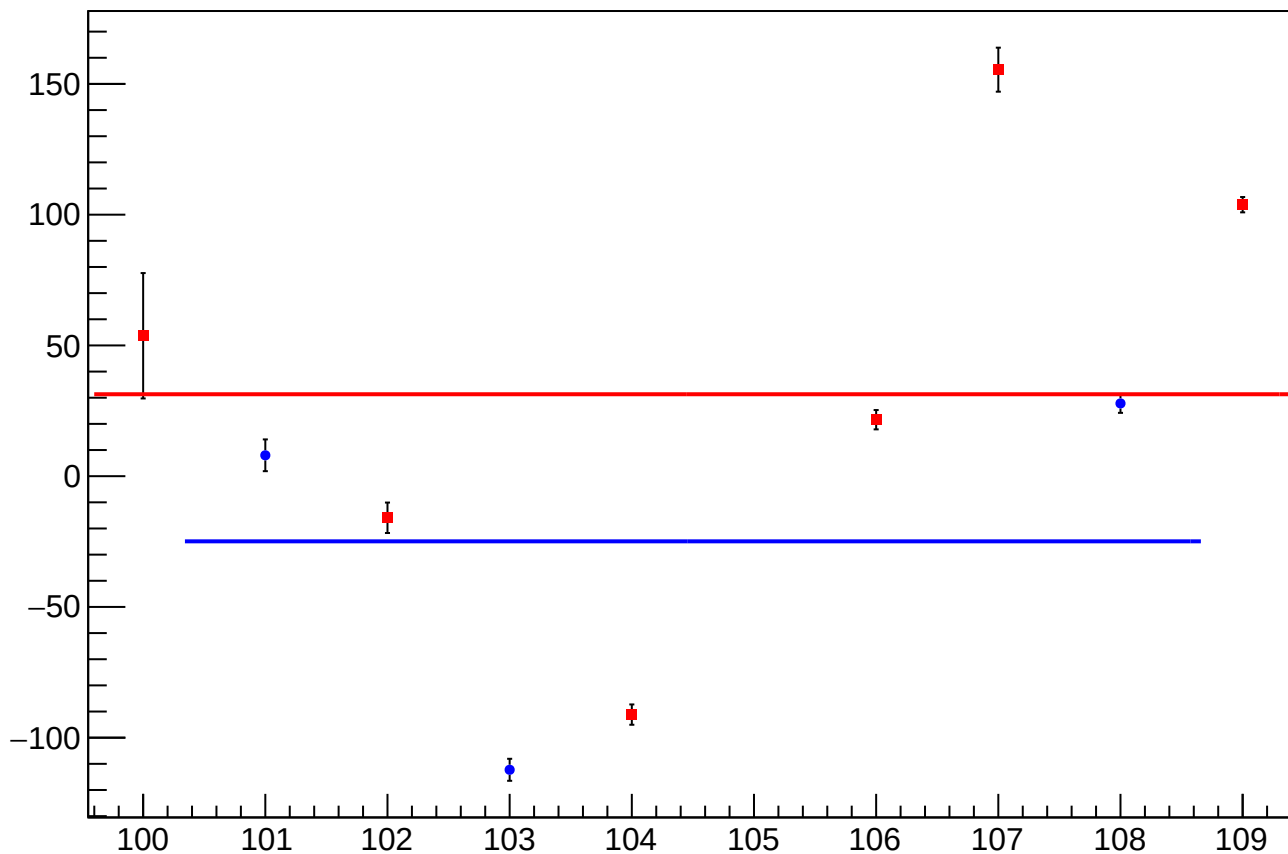
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.310 ± 1.563 $\chi^2/\text{NDF}: 168.7/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: -24.915 $\pm$ 2.498 χ^2 /NDF: 673.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.333 $\pm$ 1.822 χ^2 /NDF: 1897.2/5

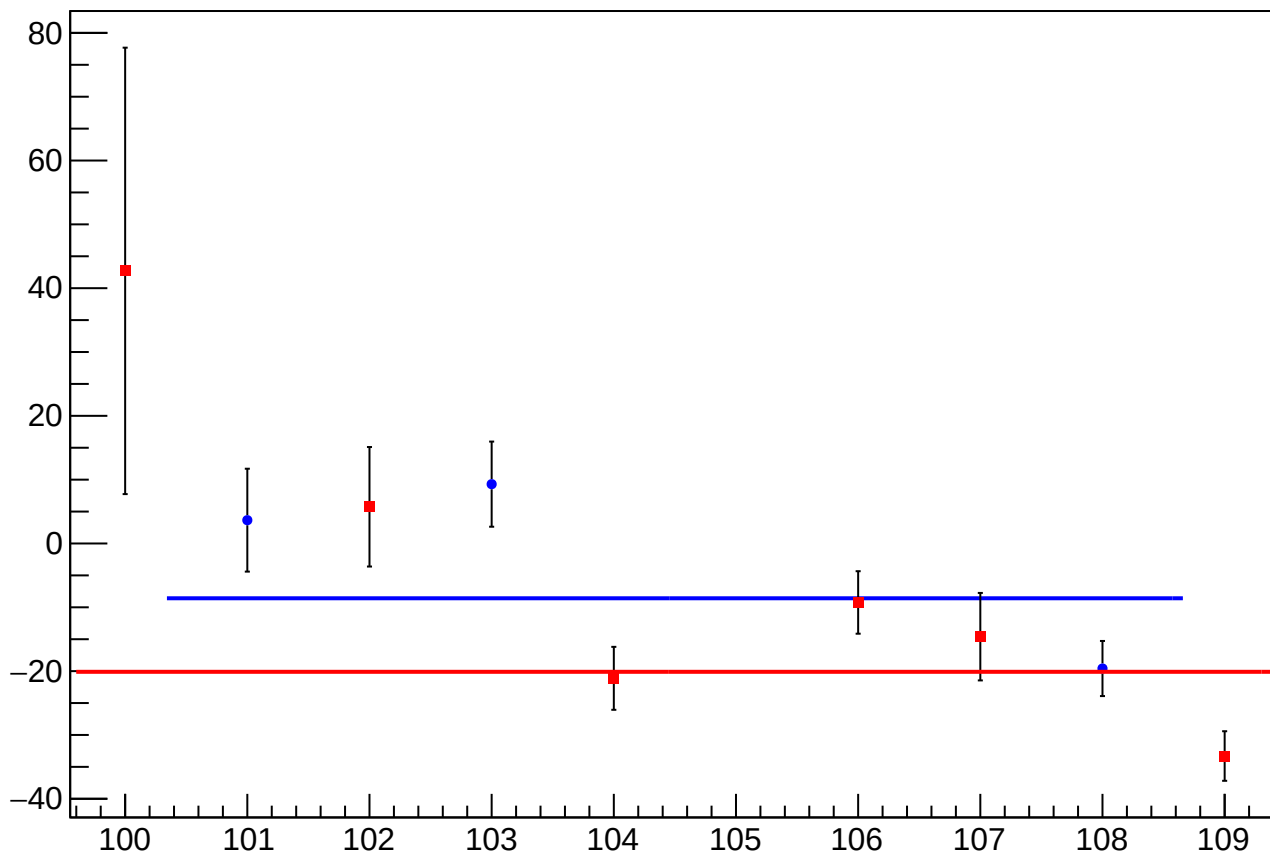
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.804 $\pm$ 1.472 χ^2 /NDF: 2901.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -8.585 ± 3.306 χ^2/NDF : 16.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.106 ± 2.340 χ^2/NDF : 28.0/5

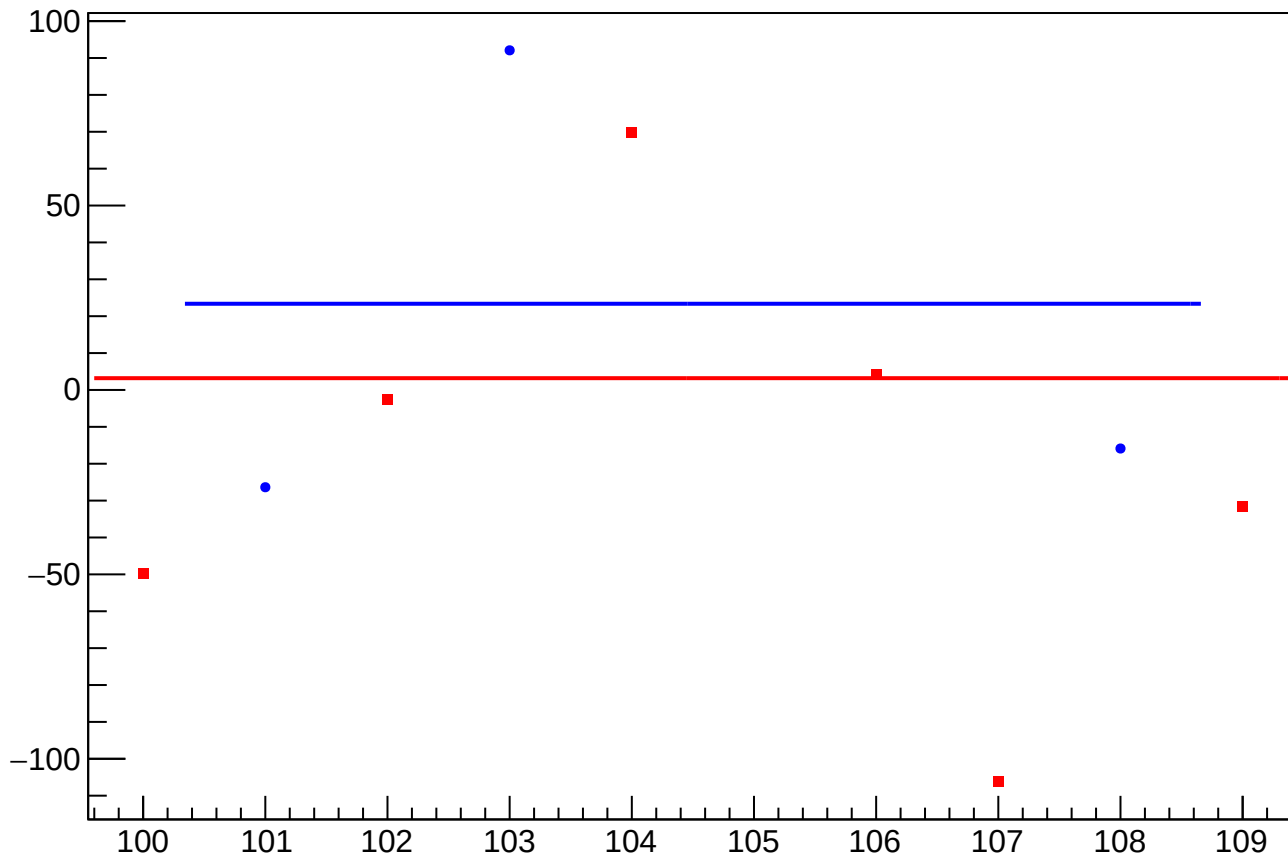
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.261 ± 1.910 χ^2/NDF : 52.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: 23.371+/-0.108 χ^2/NDF : 242060.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.194+/-0.095 χ^2/NDF : 260954.5/5

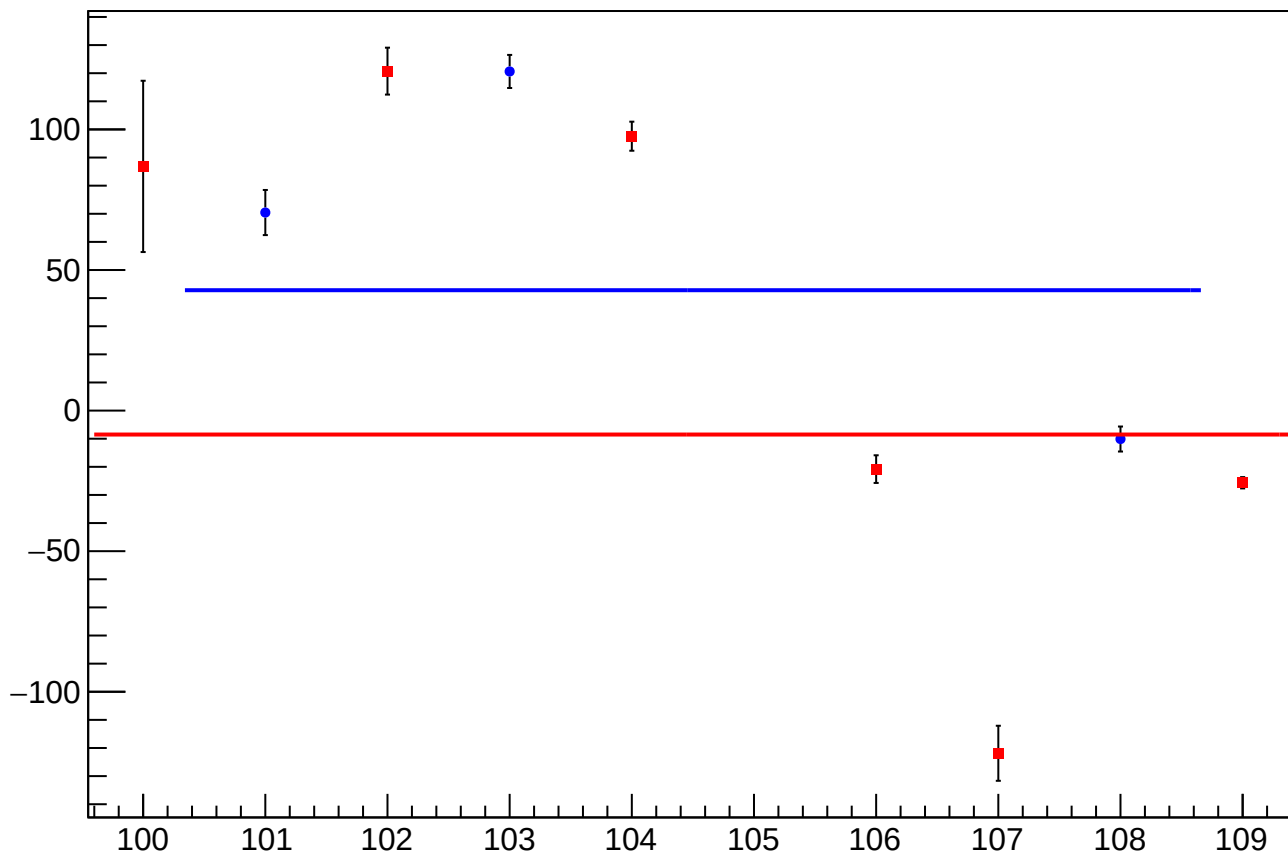
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.990+/-0.071 χ^2/NDF : 522807.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 42.817 $\pm$ 3.244 χ^2 /NDF: 328.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.516 $\pm$ 1.685 χ^2 /NDF: 884.6/5

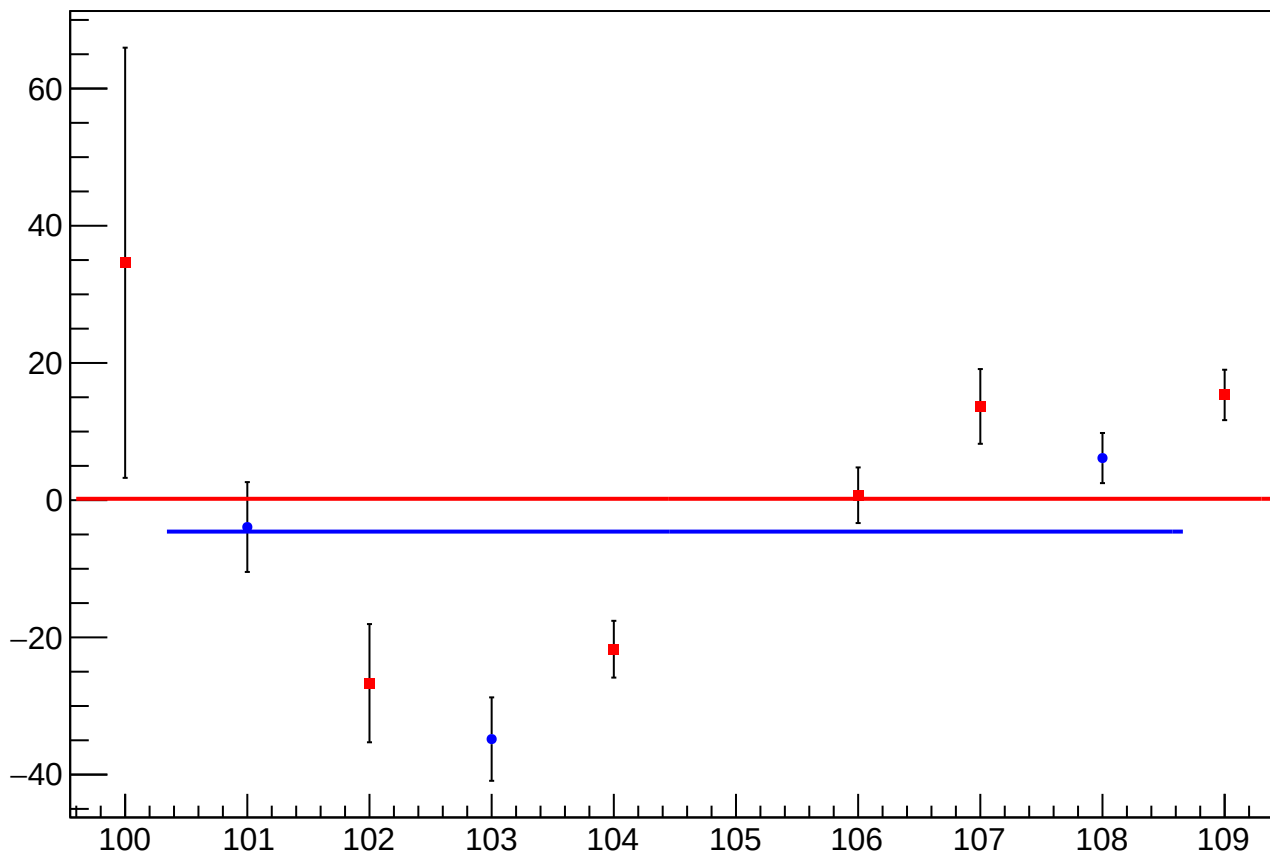
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.393 $\pm$ 1.496 χ^2 /NDF: 1410.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -4.579 ± 2.826 χ^2/NDF : 33.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.201 ± 2.035 χ^2/NDF : 62.1/5

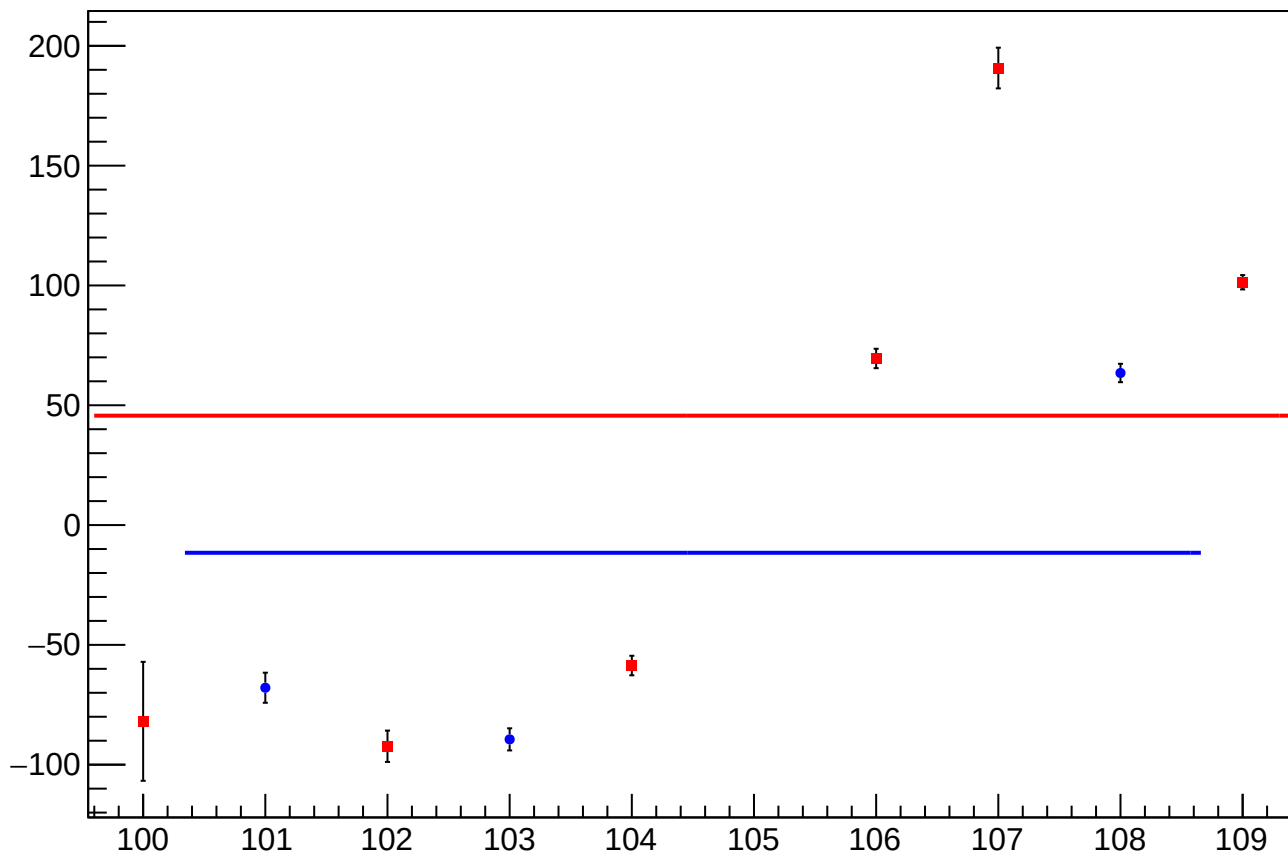
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.431 ± 1.651 χ^2/NDF : 97.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: -11.561+/-2.671 χ^2/NDF : 747.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.657+/-1.917 χ^2/NDF : 1800.1/5

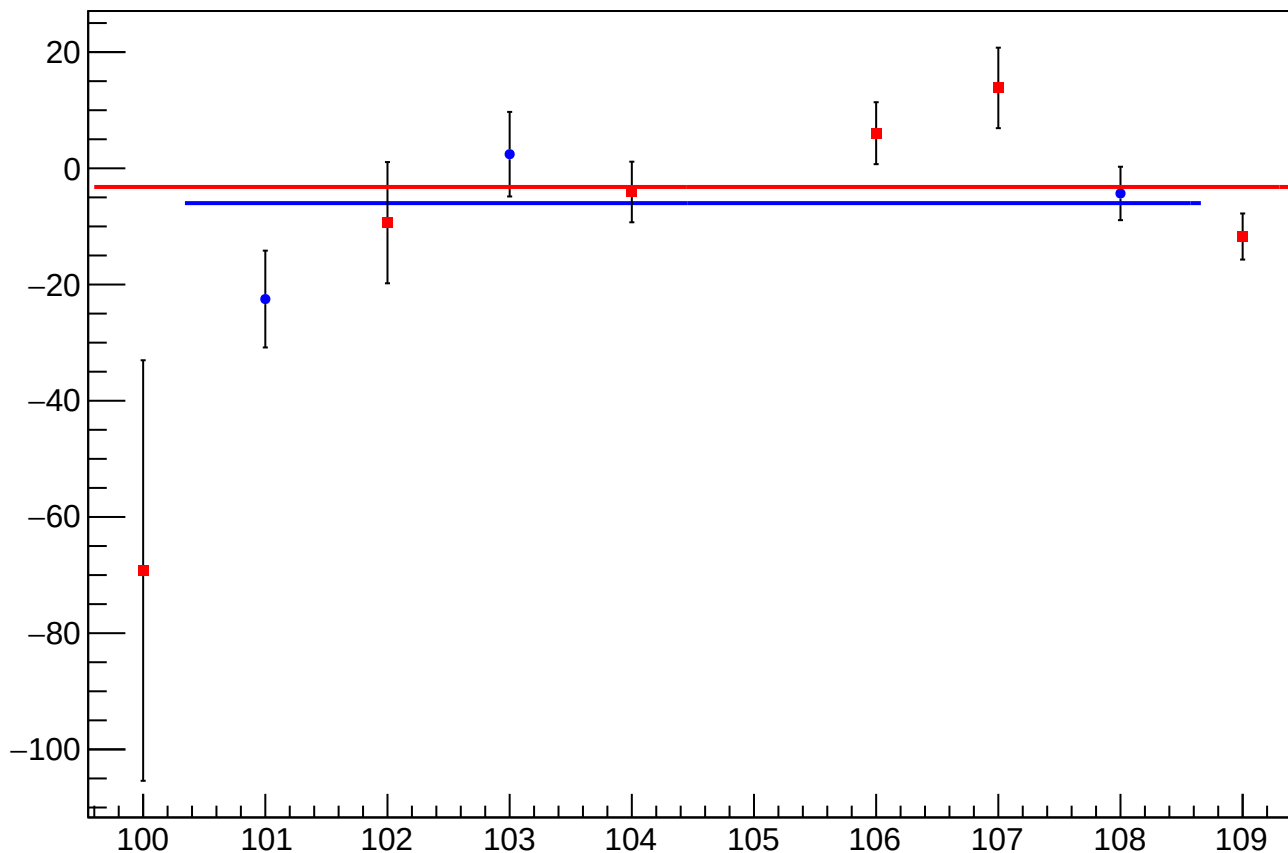
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.205+/-1.557 χ^2/NDF : 2850.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: -5.989+/-3.522 χ^2/NDF : 5.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.207+/-2.452 χ^2/NDF : 17.4/5

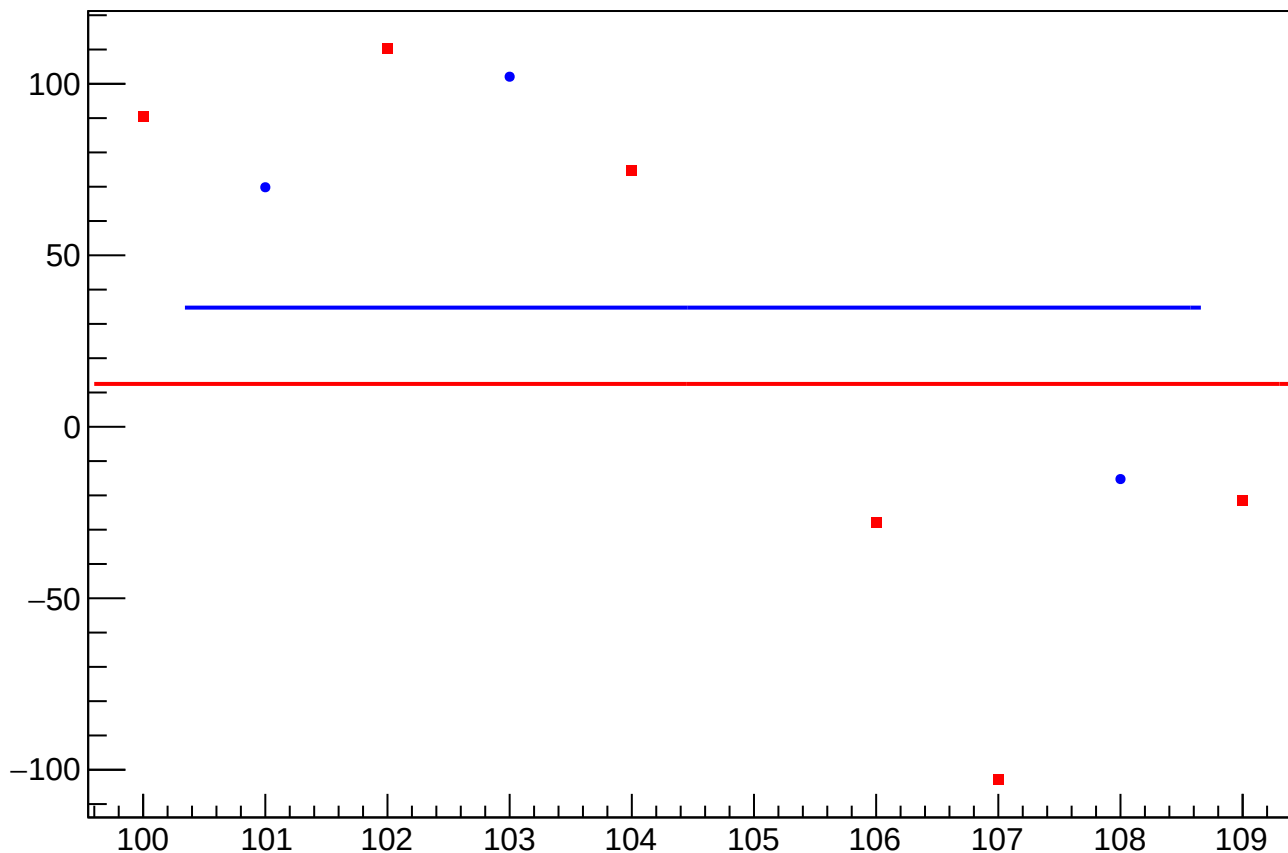
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.115+/-2.012 χ^2/NDF : 23.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 34.750+/-0.116 χ^2/NDF : 231642.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.500+/-0.101 χ^2/NDF : 405332.7/5

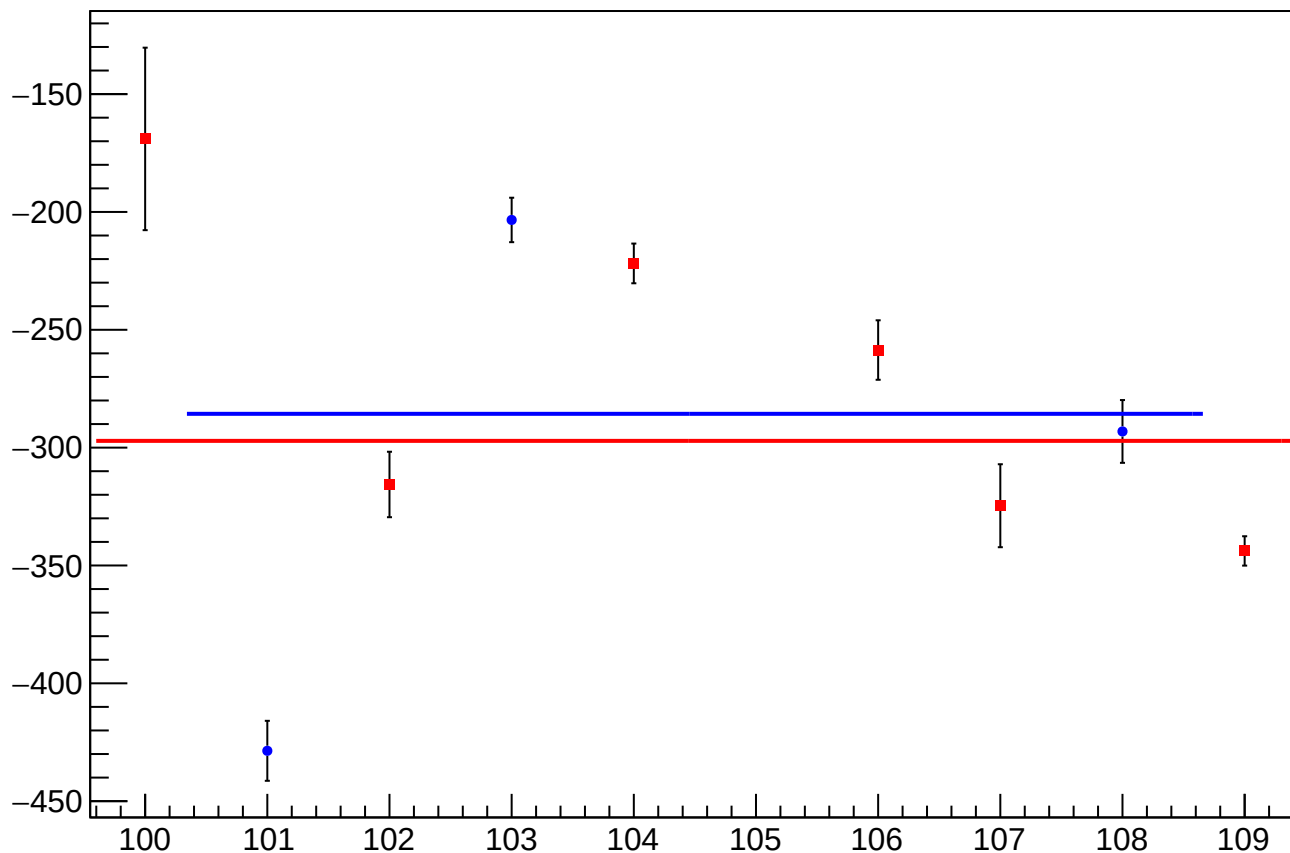
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.138+/-0.076 χ^2/NDF : 657945.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -285.655+/-6.585 χ^2/NDF : 202.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -297.130+/-4.255 χ^2/NDF : 160.6/5

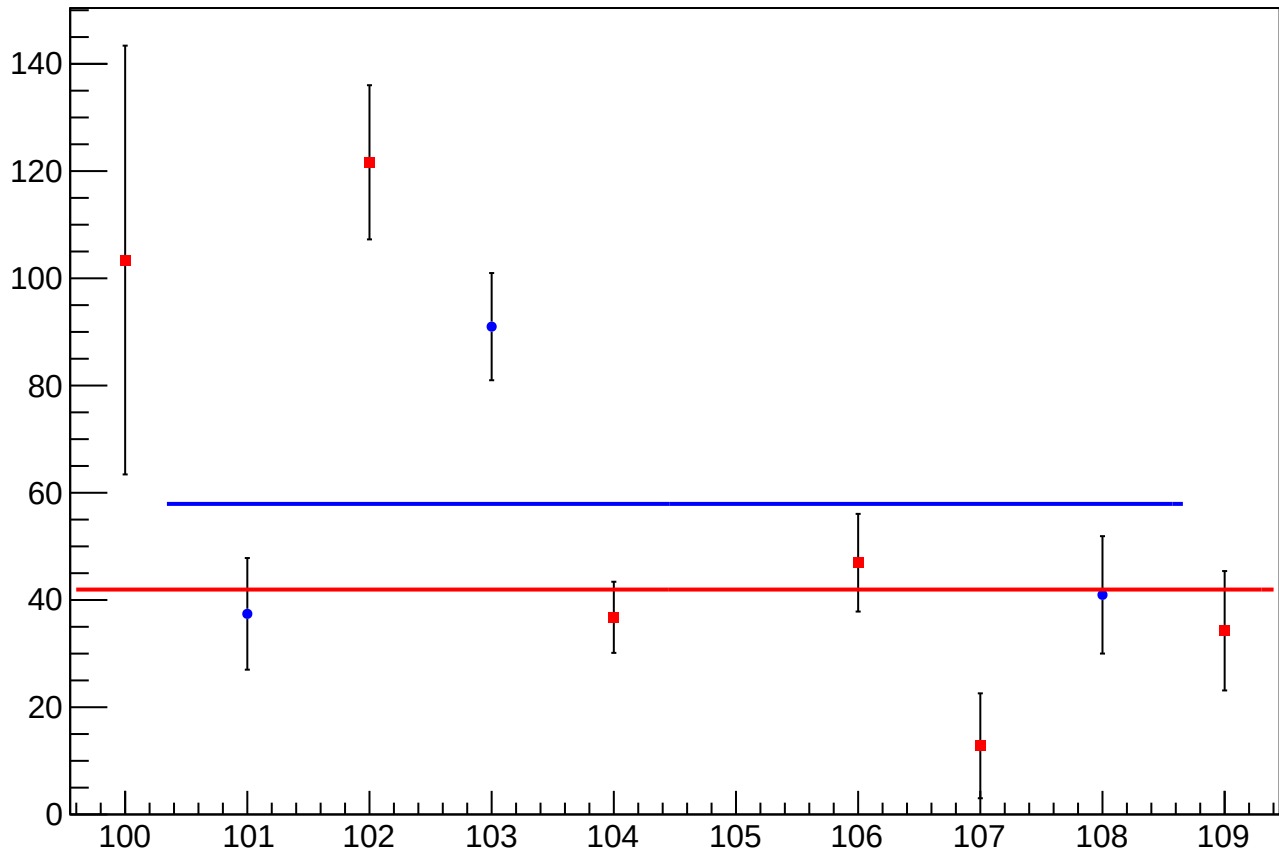
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.750+/-3.574 χ^2/NDF : 365.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 57.926+/-6.022 χ^2/NDF : 17.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.947+/-4.125 χ^2/NDF : 43.3/5

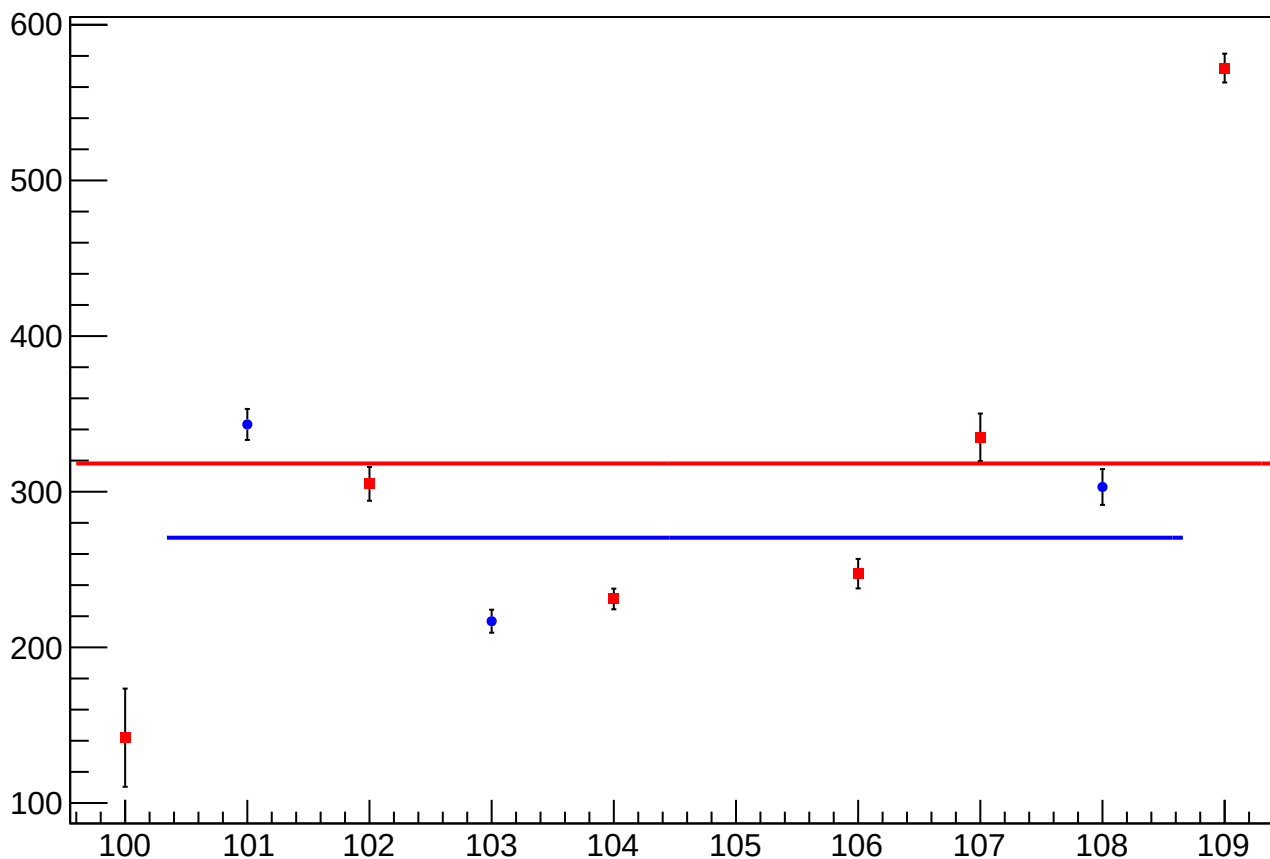
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.050+/-3.403 χ^2/NDF : 65.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 270.453+/-5.277 χ^2/NDF : 114.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 318.128+/-4.111 χ^2/NDF : 1016.1/5

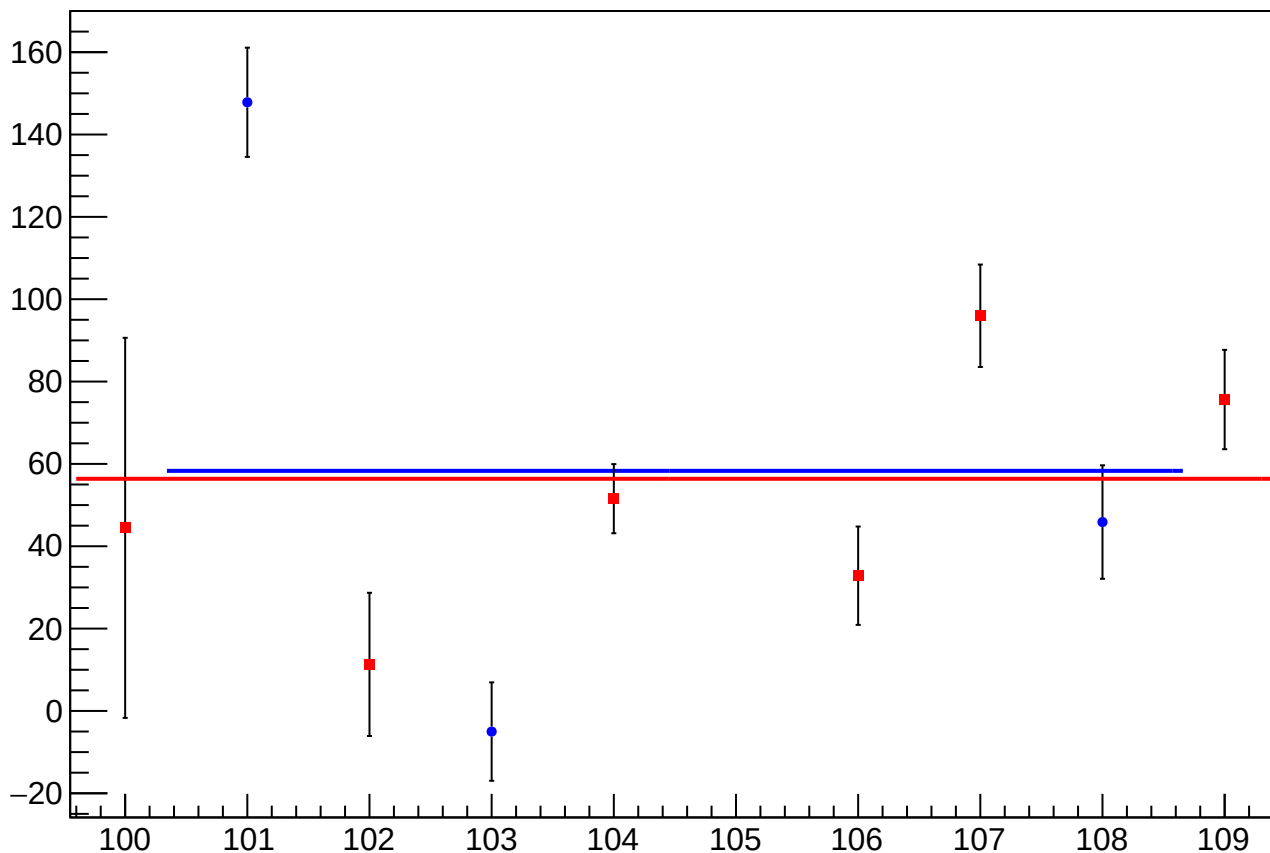
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.122+/-3.243 χ^2/NDF : 1180.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 58.313+/-7.464 χ^2/NDF : 74.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.384+/-5.109 χ^2/NDF : 23.7/5

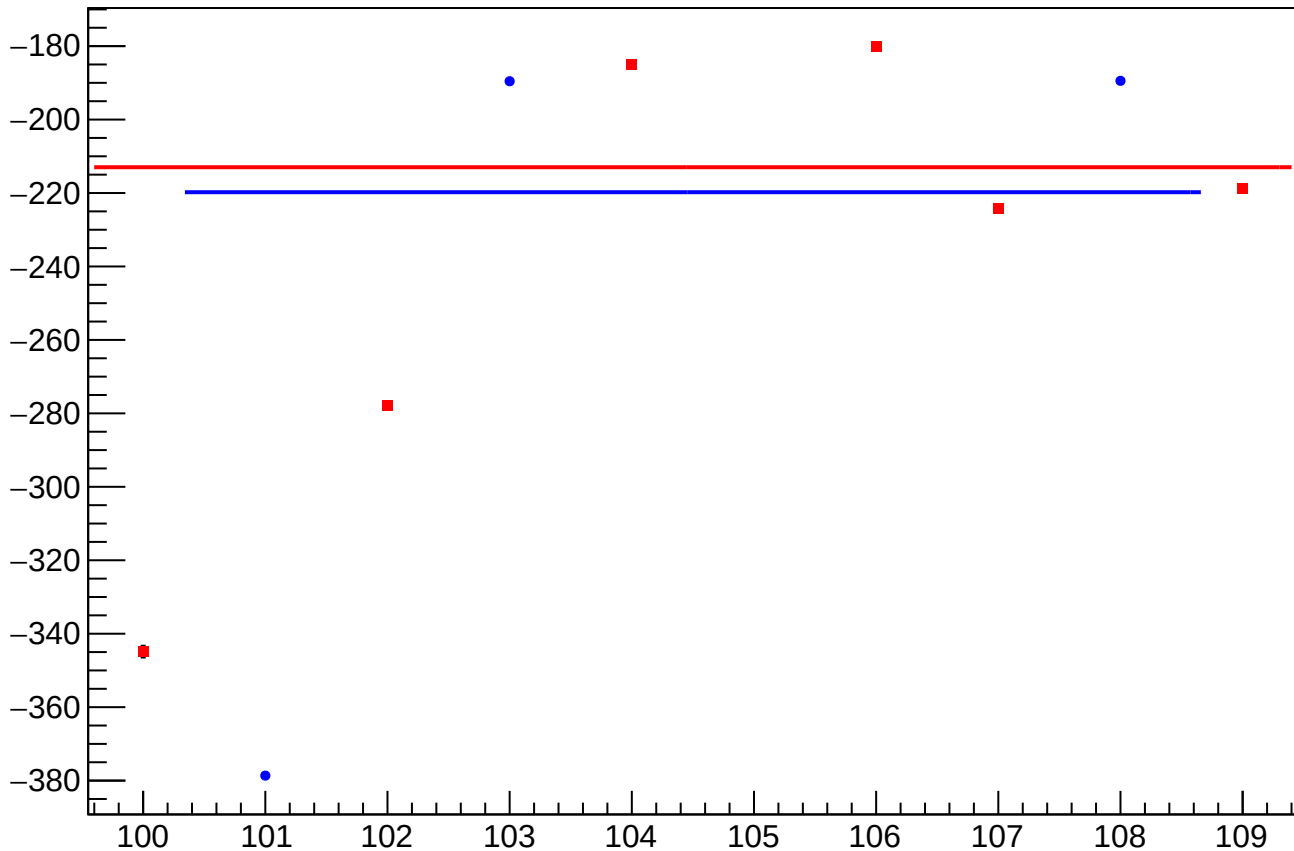
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.000+/-4.216 χ^2/NDF : 98.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -219.782 ± 0.238 χ^2/NDF : 84972.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -212.976 ± 0.208 χ^2/NDF : 37584.5/5

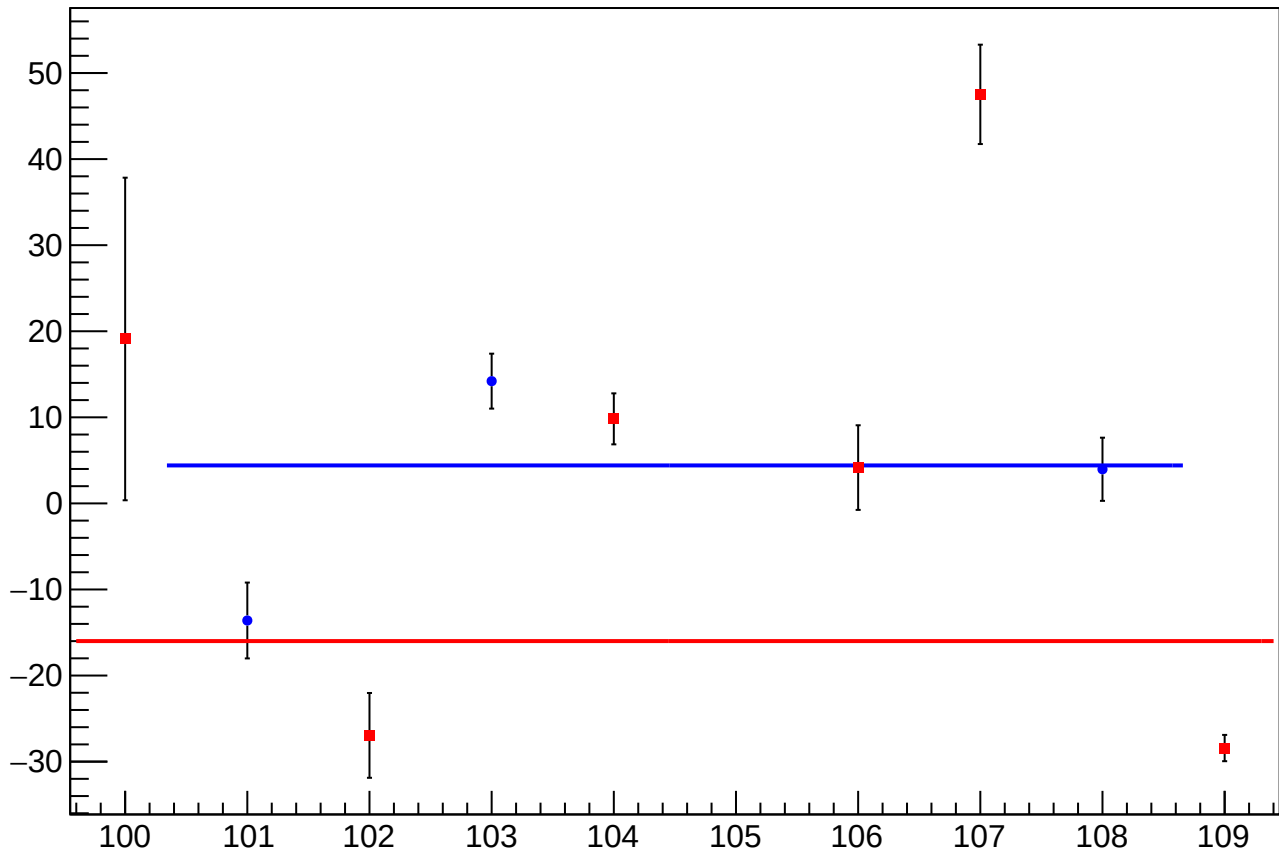
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -215.924 ± 0.157 χ^2/NDF : 123021.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: 4.411 $\pm$ 2.113 χ^2 /NDF: 26.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.996 $\pm$ 1.233 χ^2 /NDF: 288.5/5

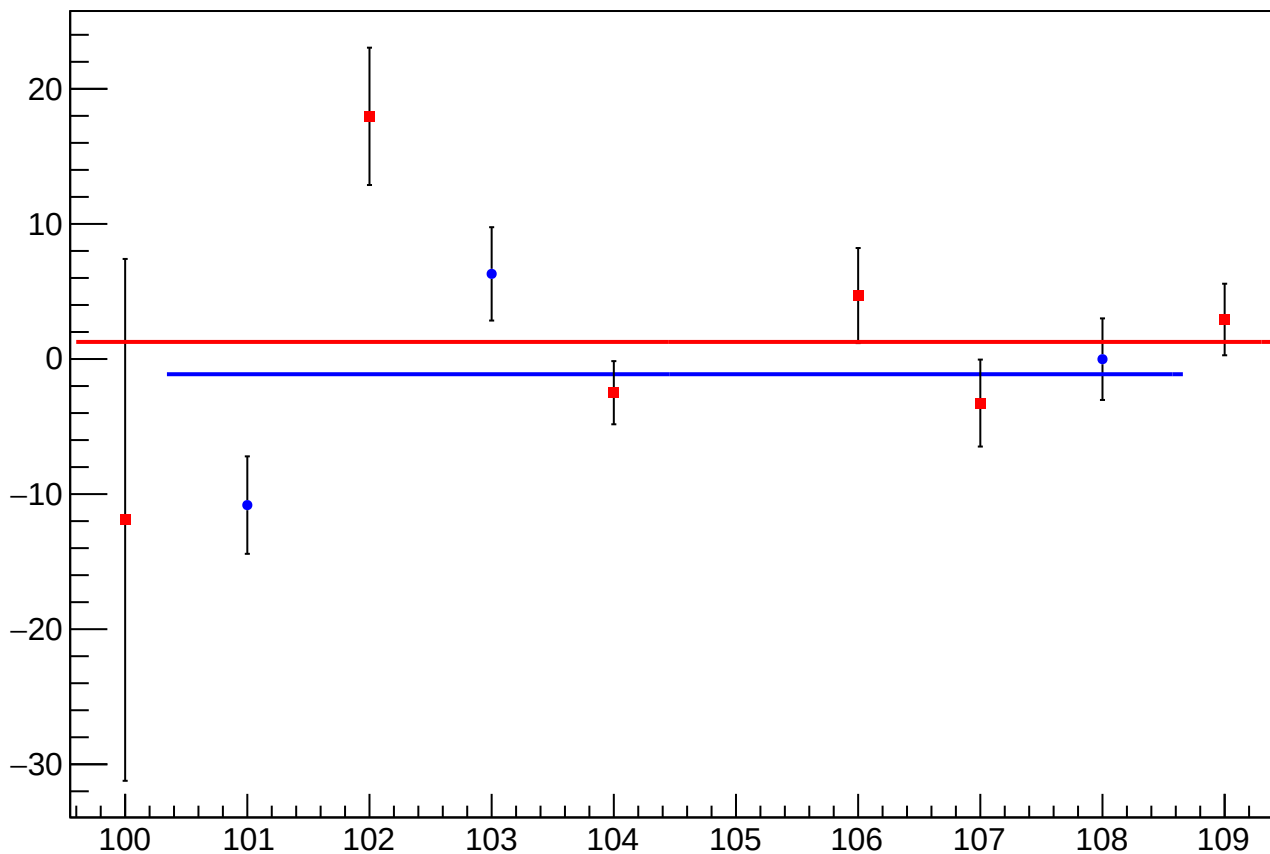
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.816 $\pm$ 1.065 χ^2 /NDF: 384.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -1.126 $\pm$ 1.924 χ^2 /NDF: 12.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.265 $\pm$ 1.356 χ^2 /NDF: 17.2/5

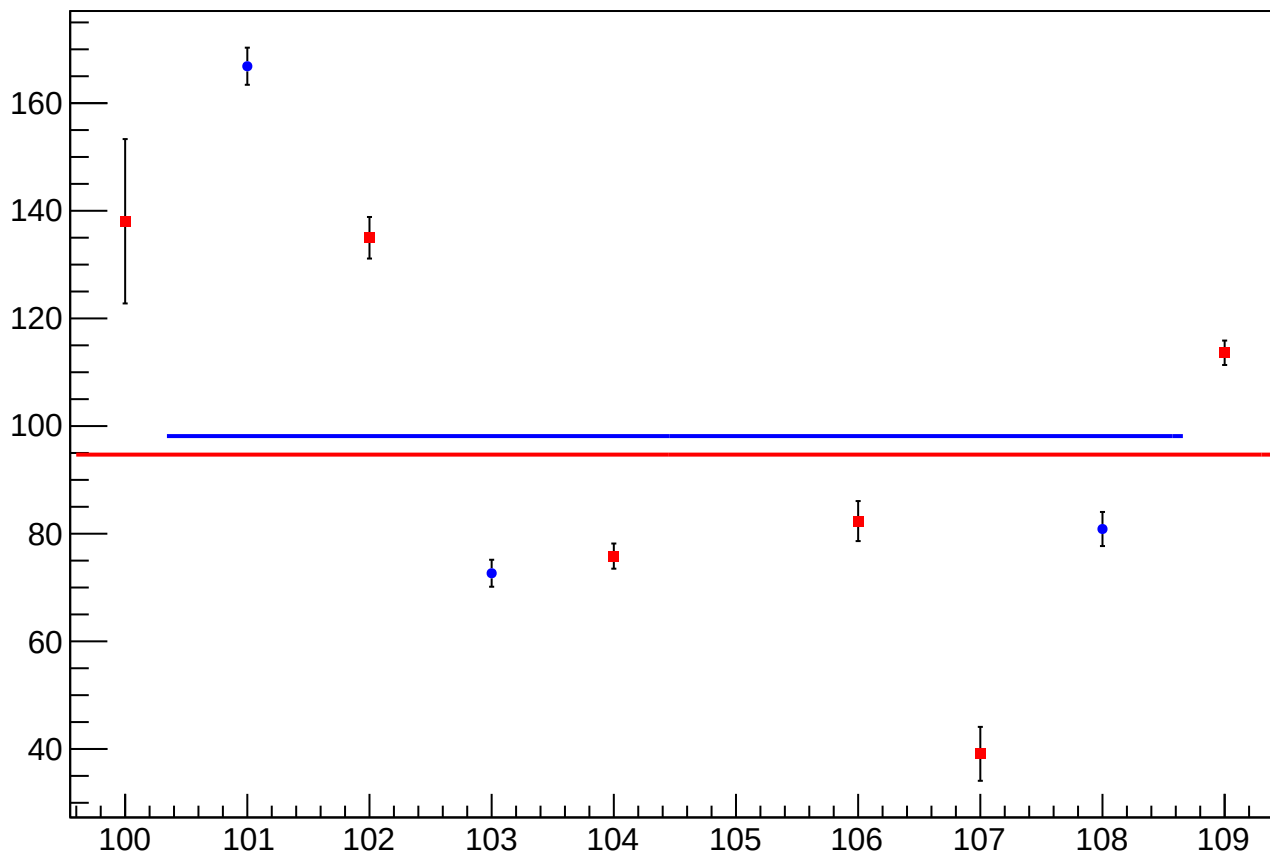
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.472 $\pm$ 1.108 χ^2 /NDF: 30.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 98.138 ± 1.708 $\chi^2/\text{NDF}: 530.1/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 94.695 ± 1.335 $\chi^2/\text{NDF}: 385.7/5$

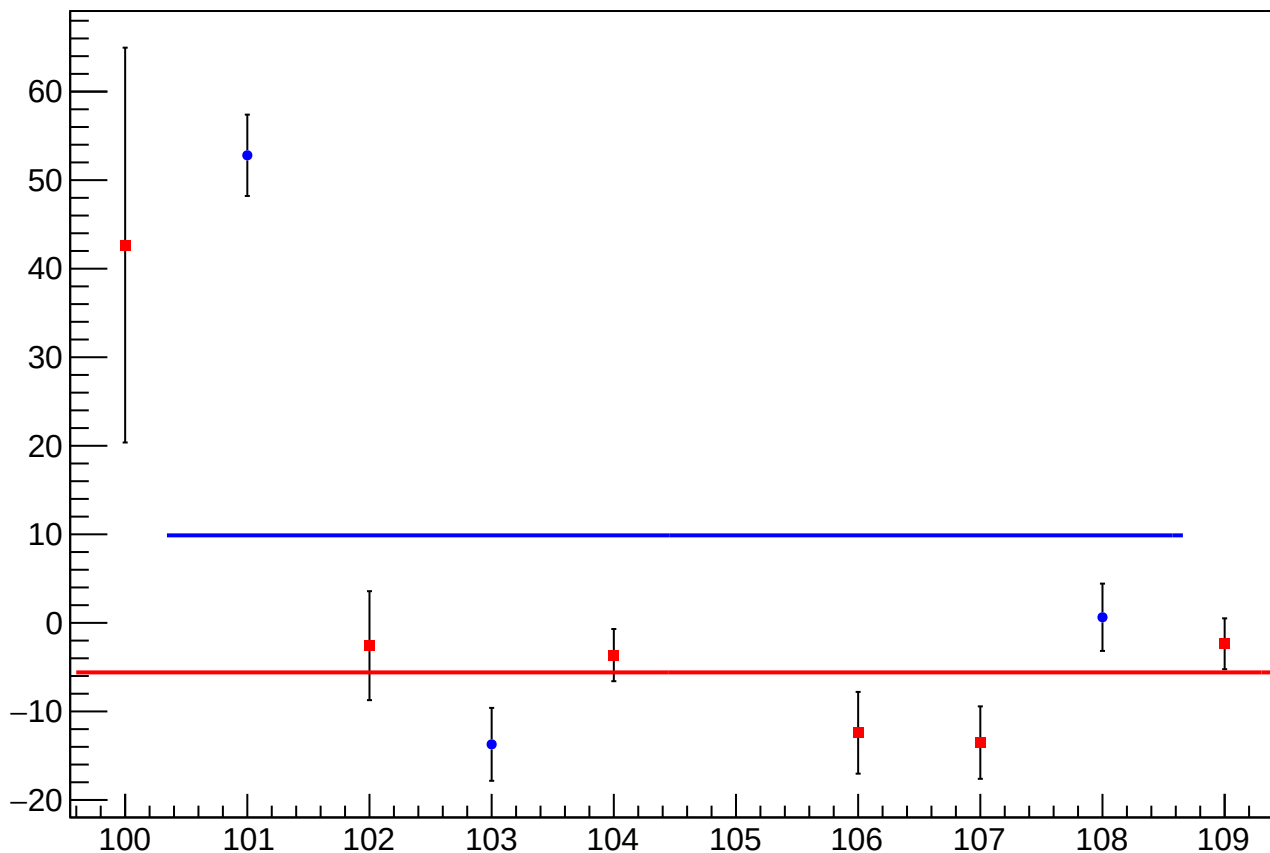
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 96.002 ± 1.052 $\chi^2/\text{NDF}: 918.4/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 9.884 $\pm$ 2.386 χ^2 /NDF: 126.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.592 $\pm$ 1.641 χ^2 /NDF: 12.6/5

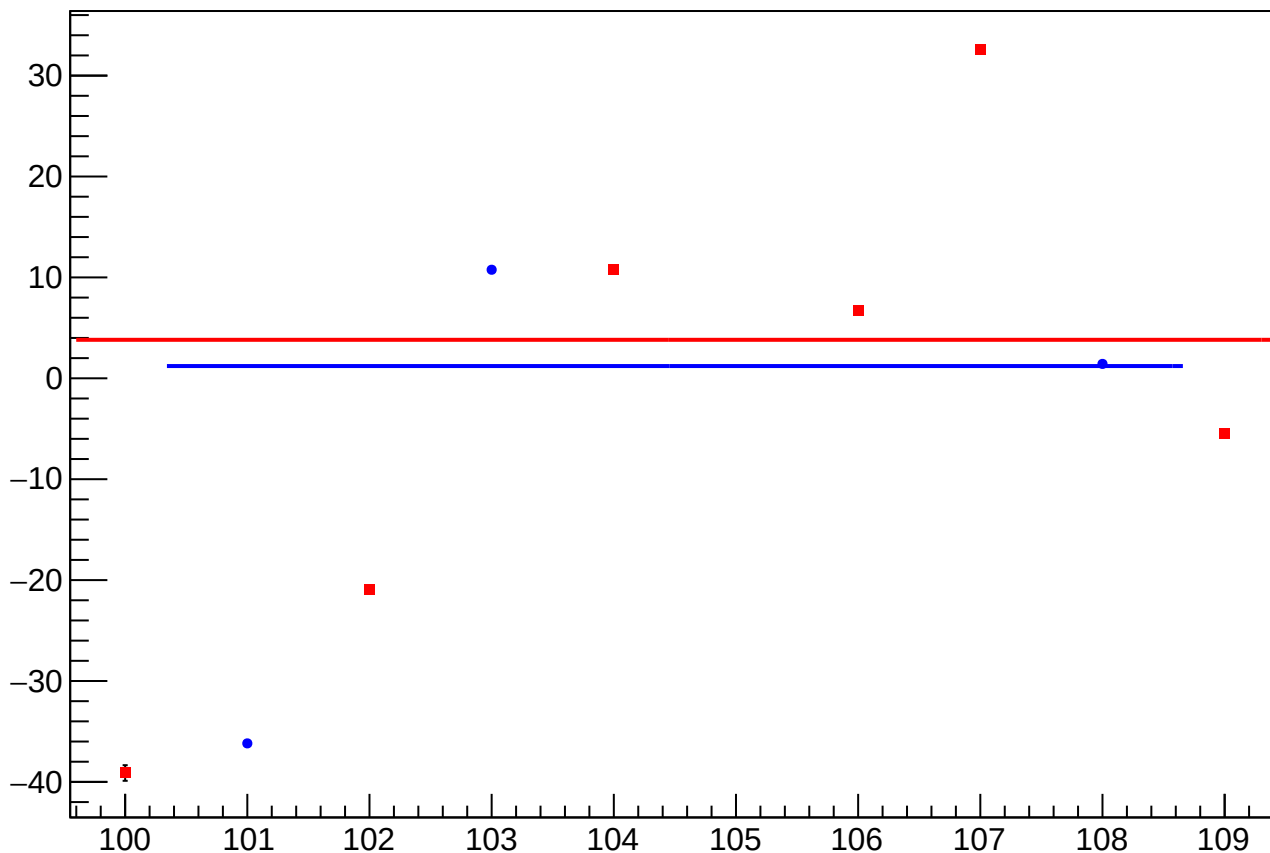
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.622 $\pm$ 1.352 χ^2 /NDF: 167.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: 1.215+/-0.076 χ^2/NDF : 41398.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.816+/-0.070 χ^2/NDF : 52428.0/5

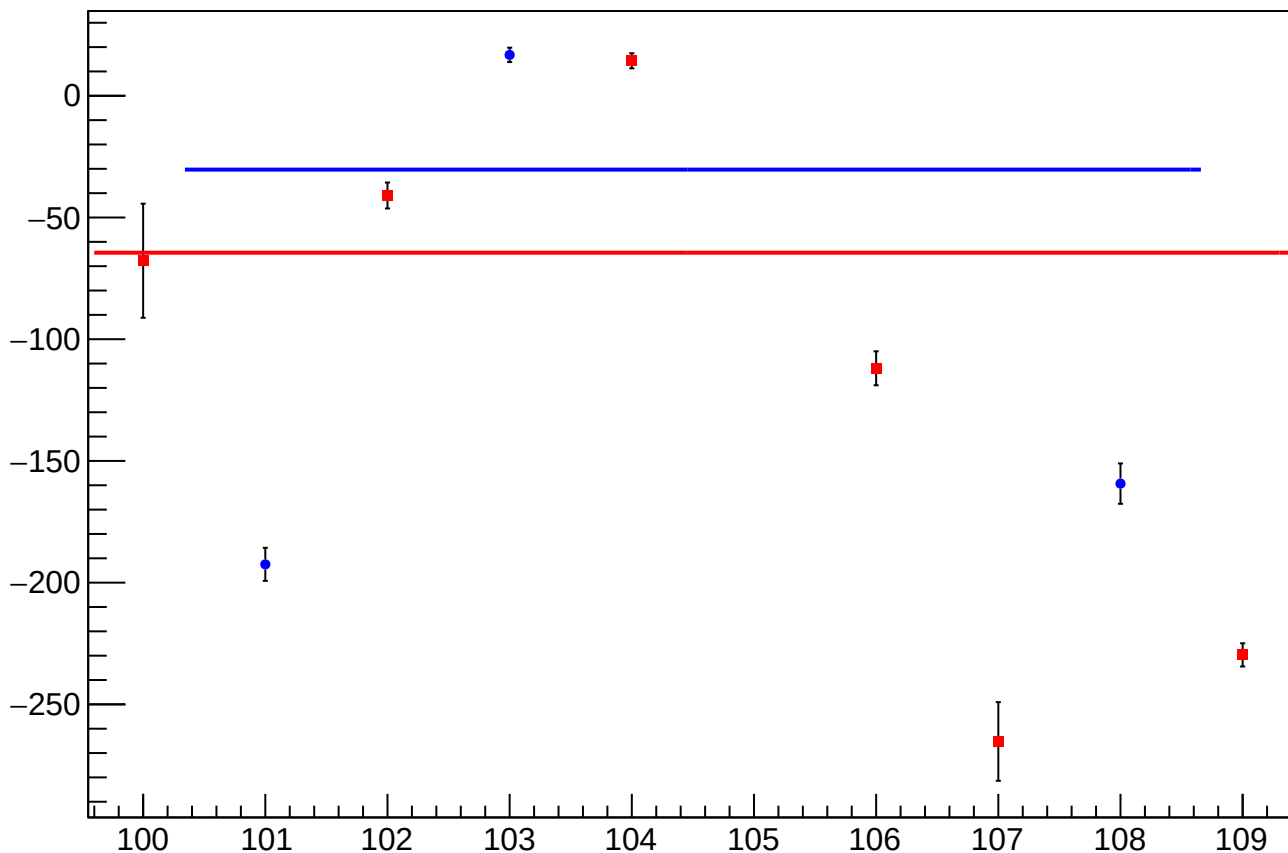
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.616+/-0.051 χ^2/NDF : 94463.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -30.322 ± 2.577 χ^2/NDF : 1066.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -64.454 ± 2.187 χ^2/NDF : 2065.0/5

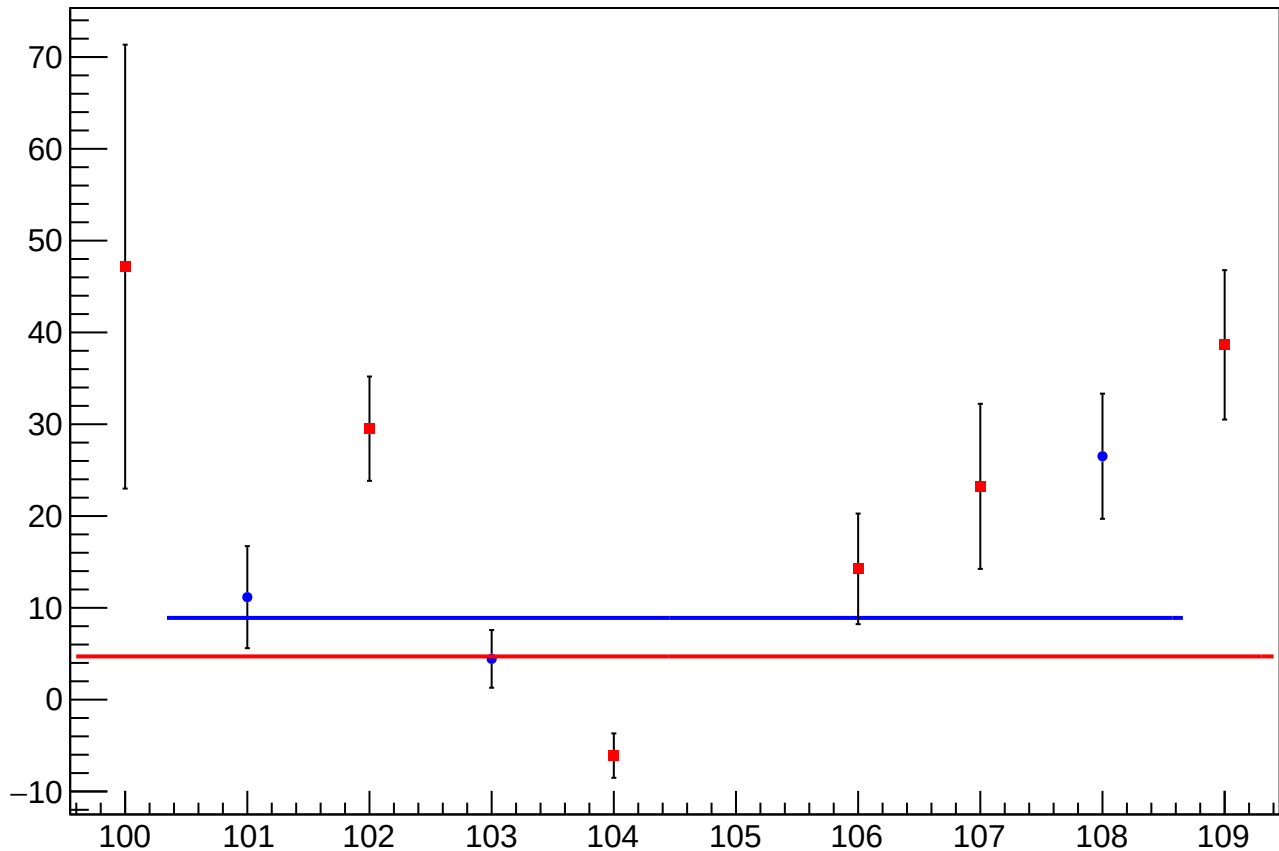
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.161 ± 1.667 χ^2/NDF : 3233.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 8.903 $\pm$ 2.539 χ^2 /NDF: 8.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.708 $\pm$ 1.967 χ^2 /NDF: 66.2/5

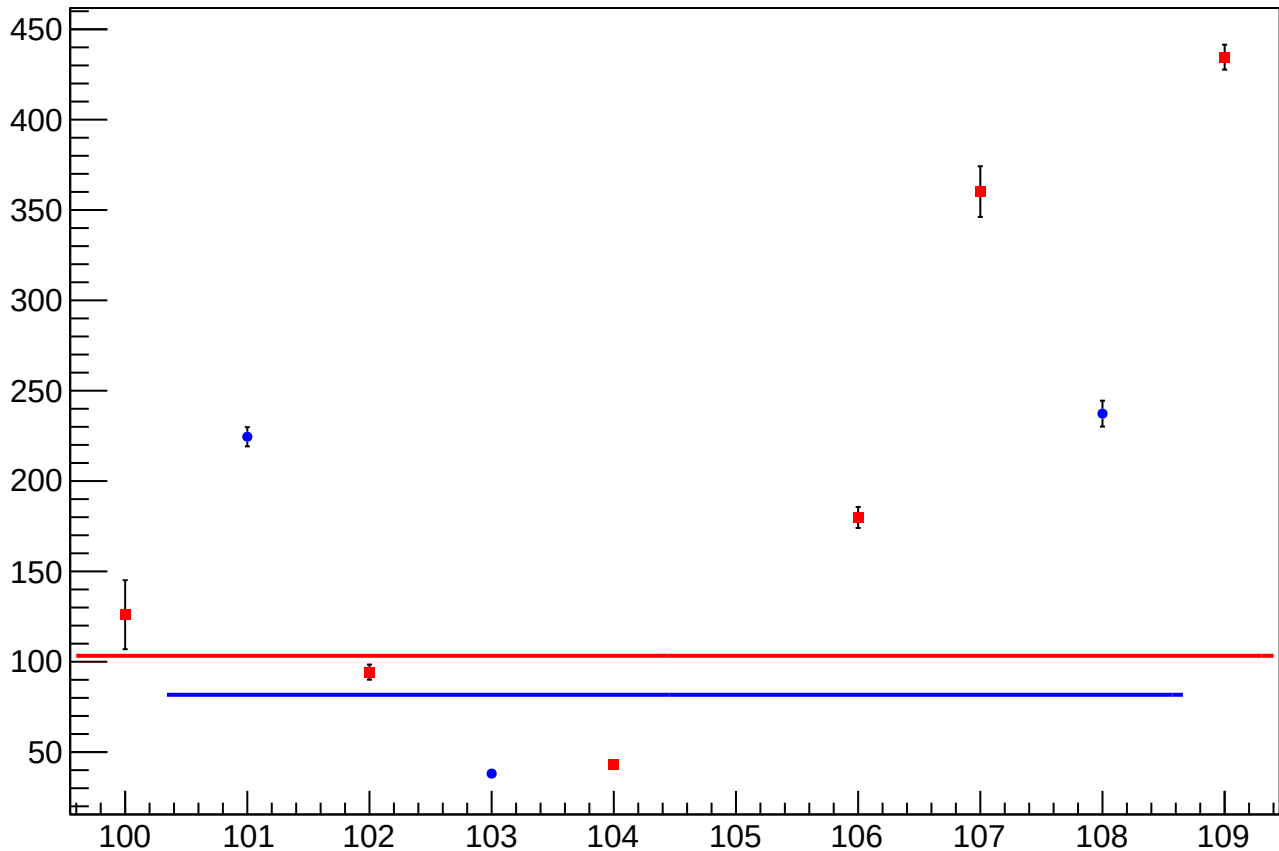
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.282 $\pm$ 1.555 χ^2 /NDF: 76.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 81.727 $\pm$ 2.040 χ^2 /NDF: 1546.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.297 $\pm$ 1.882 χ^2 /NDF: 3424.7/5

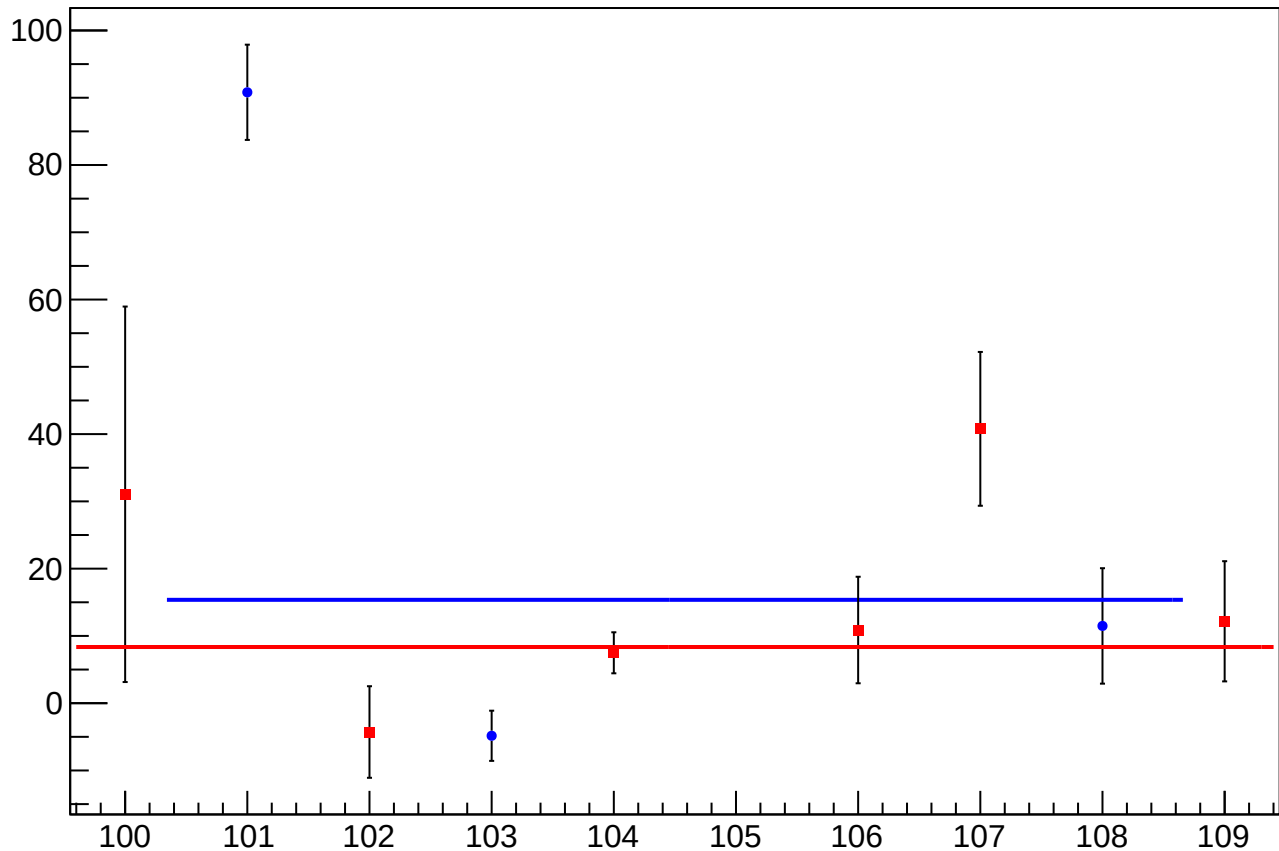
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.381 $\pm$ 1.383 χ^2 /NDF: 5031.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 15.366+/-3.080 χ^2/NDF : 143.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.352+/-2.450 χ^2/NDF : 12.5/5

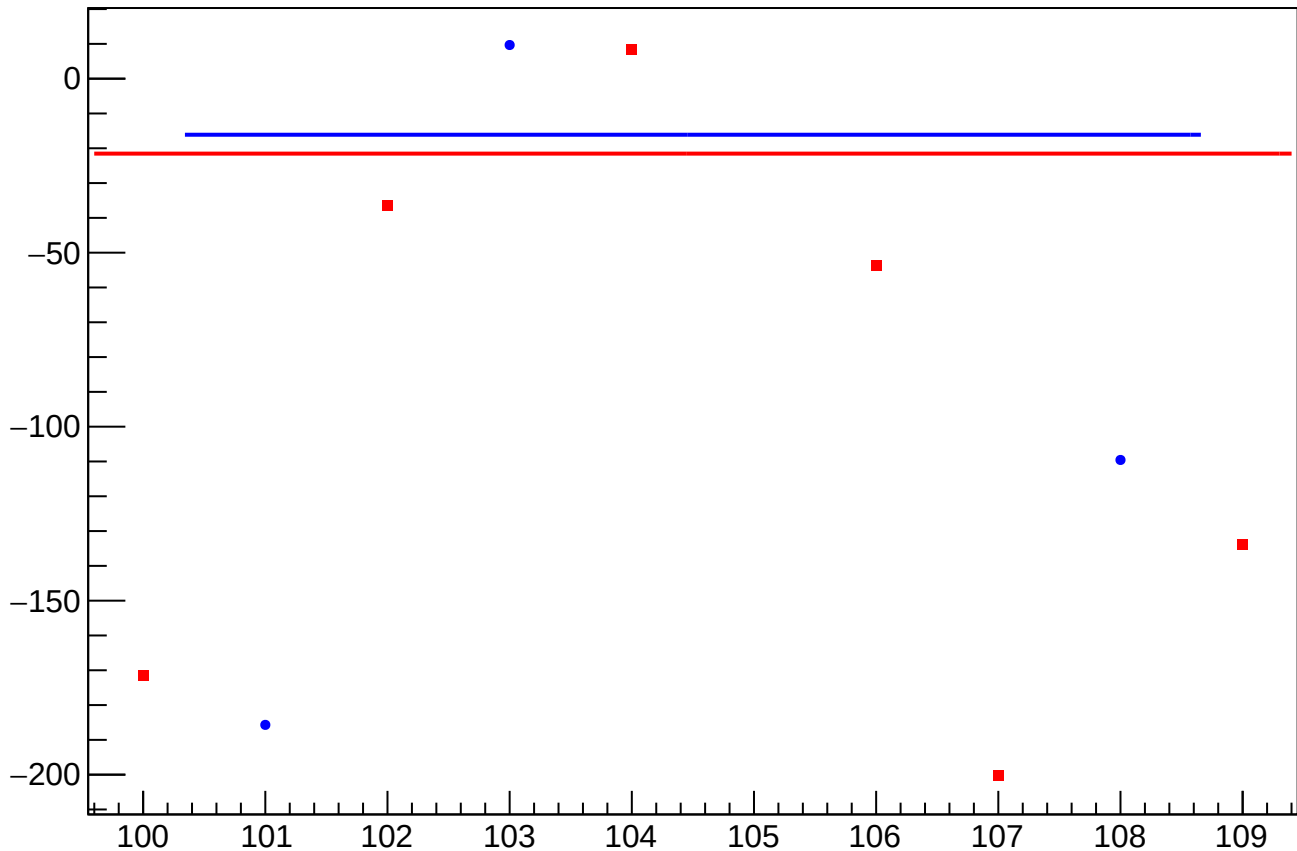
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.071+/-1.917 χ^2/NDF : 158.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -16.110 $\pm$ 0.088 χ^2 /NDF: 459151.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -21.536 $\pm$ 0.088 χ^2 /NDF: 273547.2/5

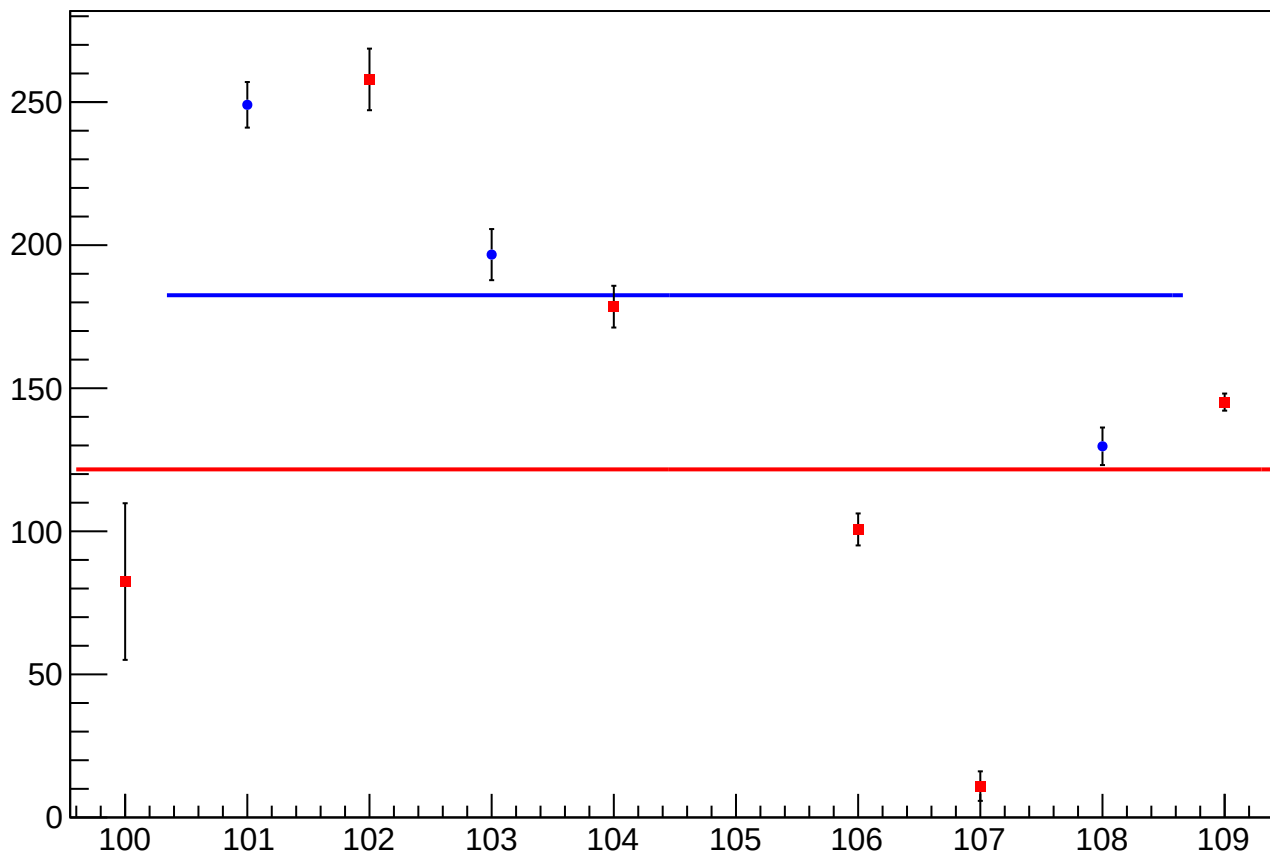
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.826 $\pm$ 0.062 χ^2 /NDF: 734602.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 182.501 $\pm$ 4.407 χ^2 /NDF: 137.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 121.640 $\pm$ 2.180 χ^2 /NDF: 759.4/5

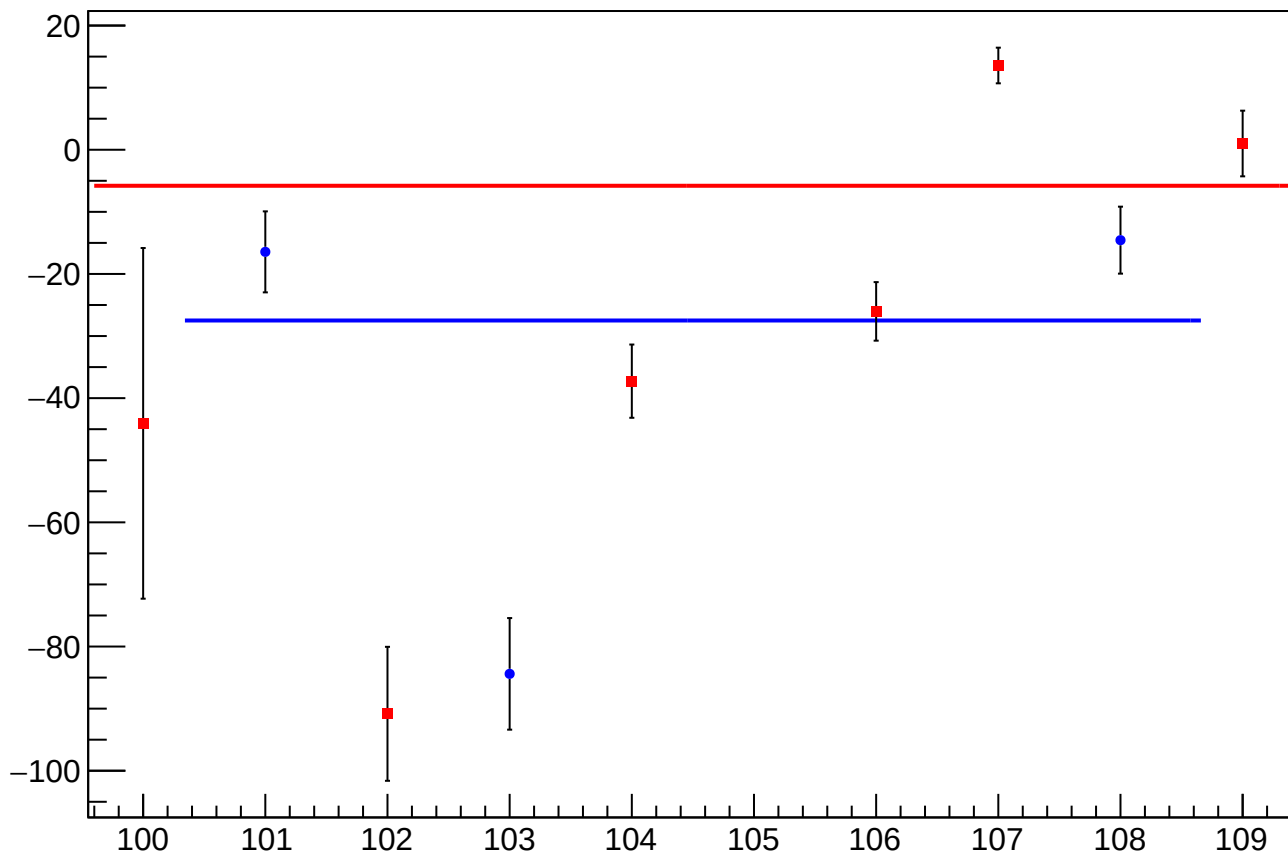
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 133.605 $\pm$ 1.954 χ^2 /NDF: 1049.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: -27.496 $\pm$ 3.772 χ^2 /NDF: 48.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.800 $\pm$ 2.038 χ^2 /NDF: 158.0/5

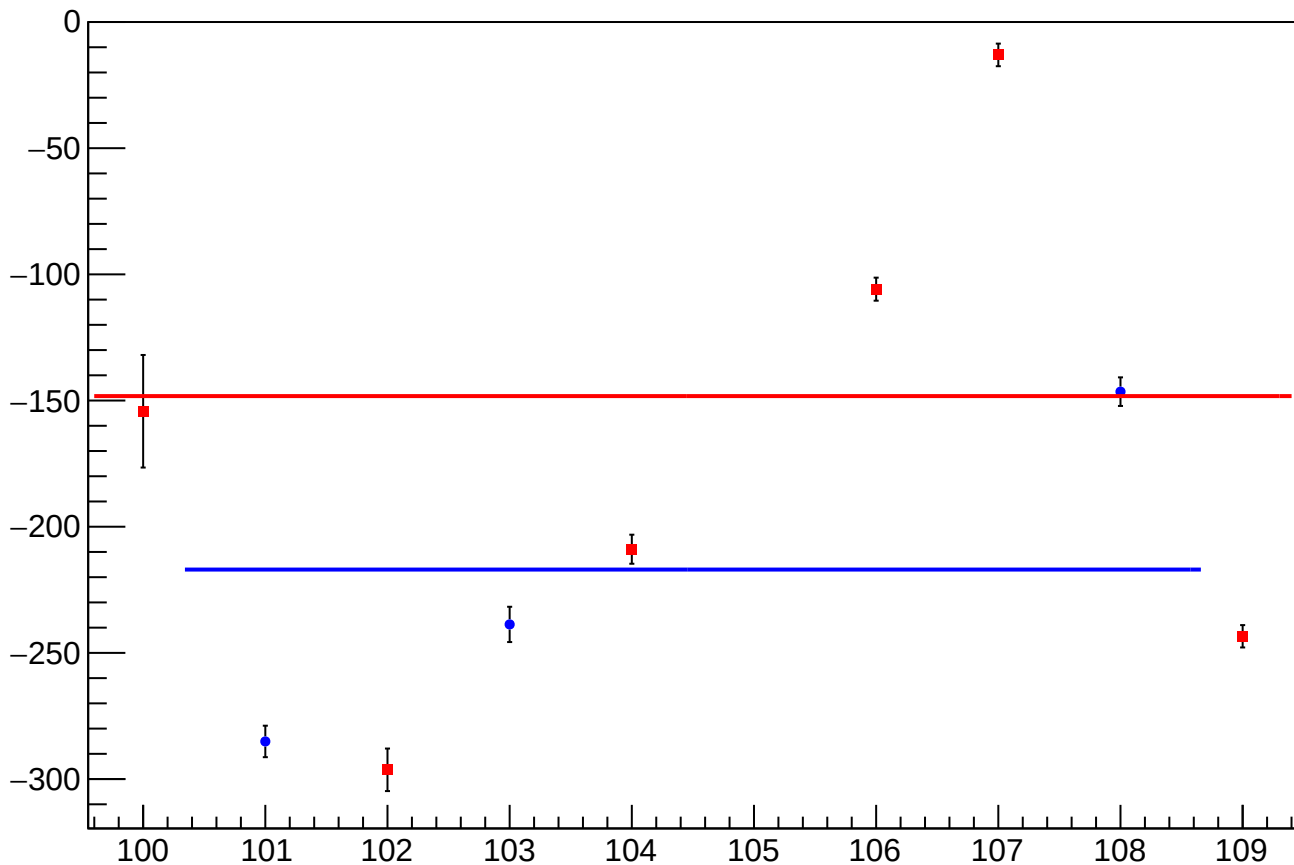
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.703 $\pm$ 1.793 χ^2 /NDF: 232.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -216.981 ± 3.597 χ^2/NDF : 283.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -148.238 ± 2.264 χ^2/NDF : 1879.7/5

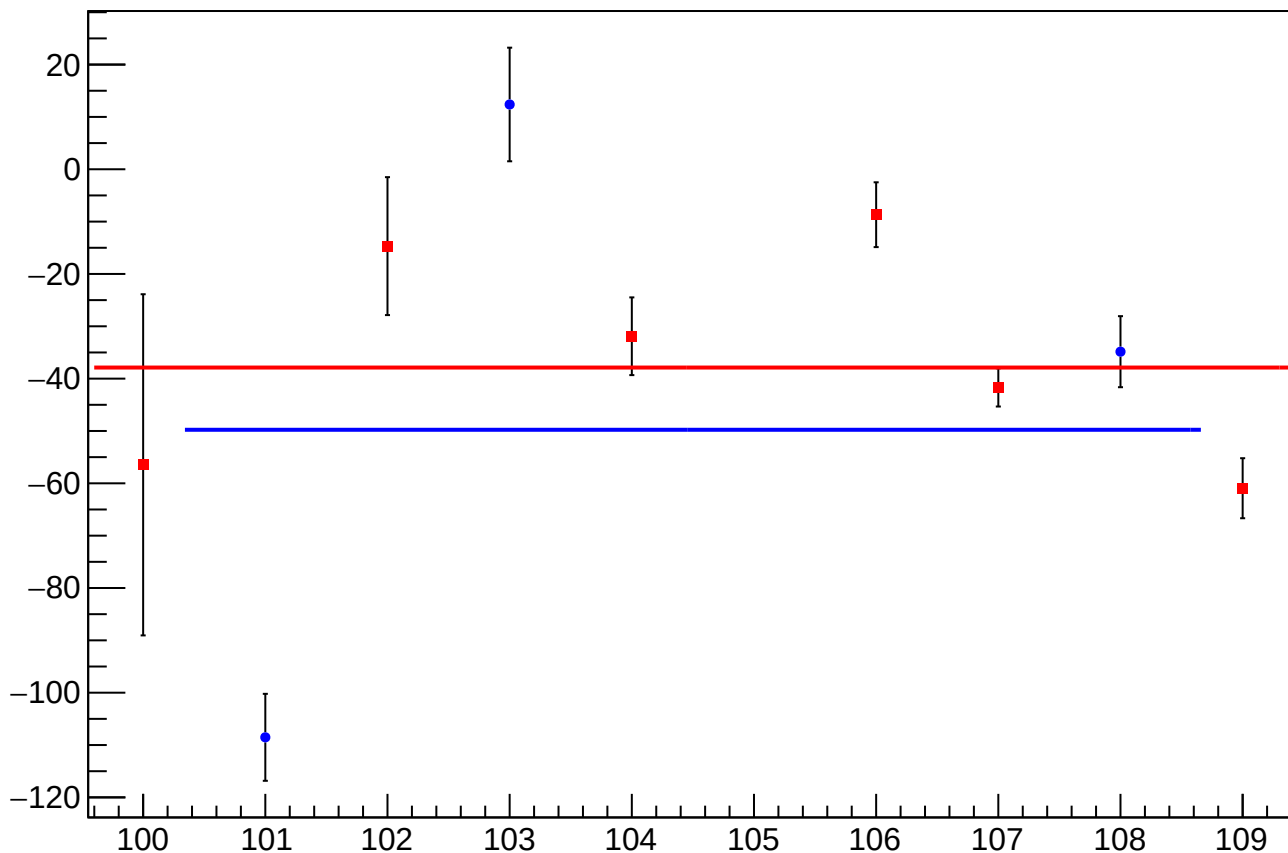
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -167.742 ± 1.916 χ^2/NDF : 2424.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -49.772 ± 4.730 χ^2/NDF : 87.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.881 ± 2.528 χ^2/NDF : 43.6/5

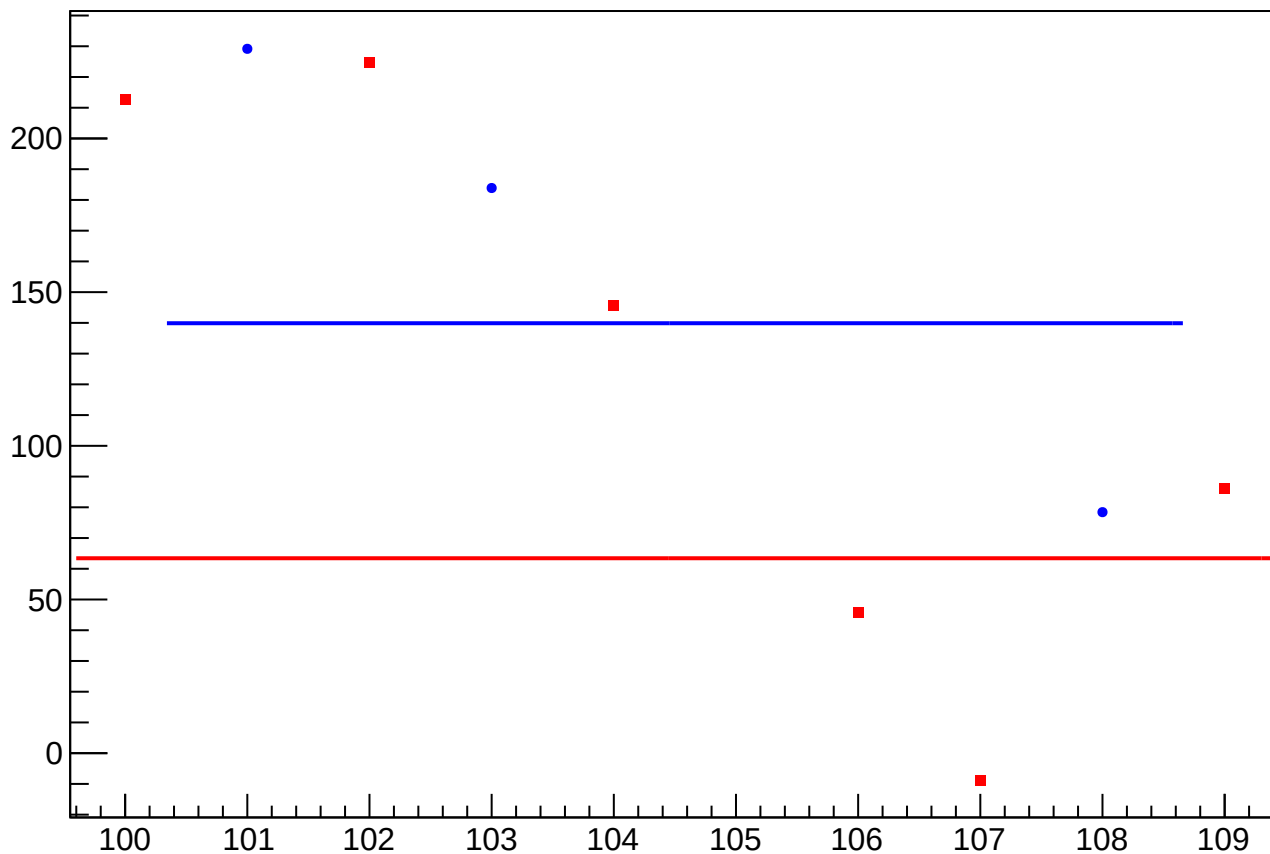
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.523 ± 2.230 χ^2/NDF : 136.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 139.888 $\pm$ 0.164 χ^2 /NDF: 149399.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.422 $\pm$ 0.110 χ^2 /NDF: 461733.7/5

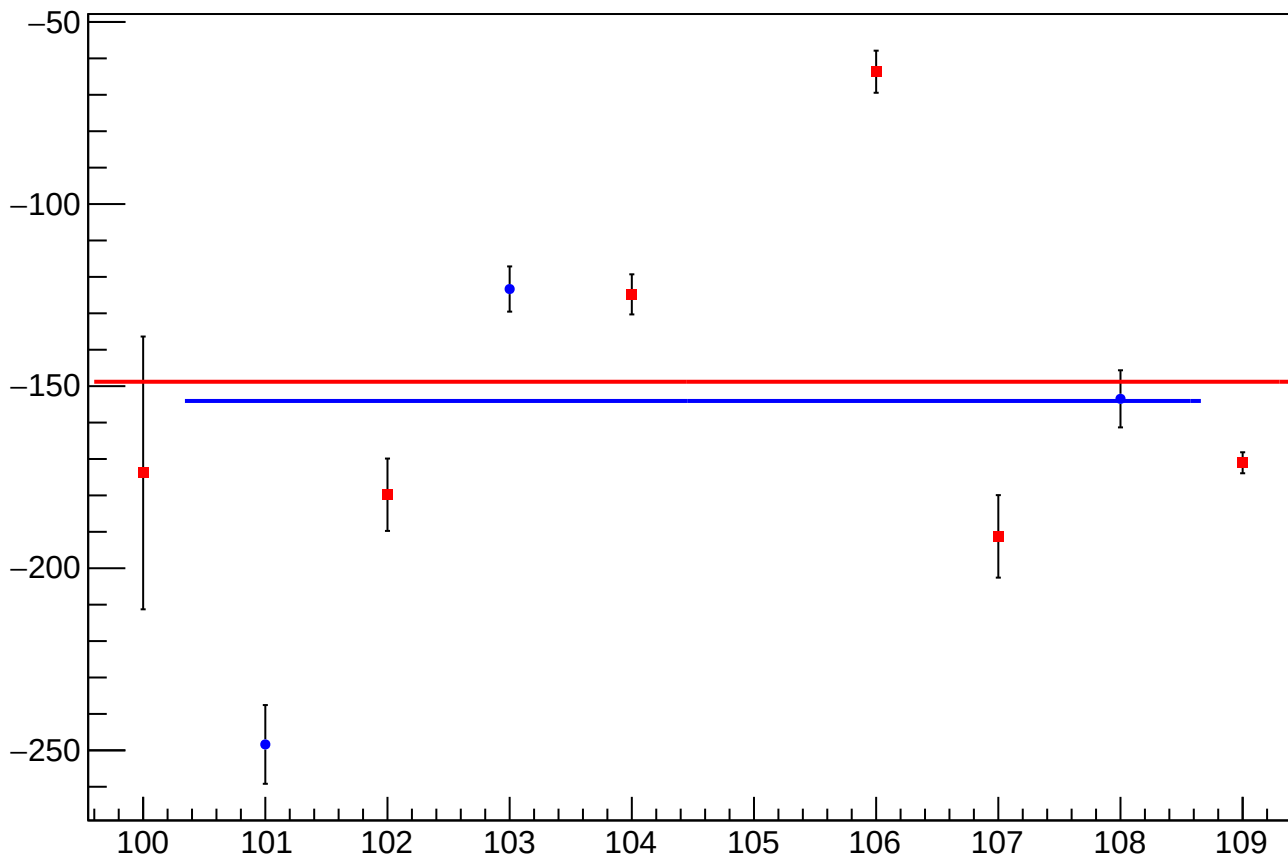
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.117 $\pm$ 0.091 χ^2 /NDF: 760493.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -154.066 ± 4.438 χ^2/NDF : 100.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -148.792 ± 2.226 χ^2/NDF : 319.7/5

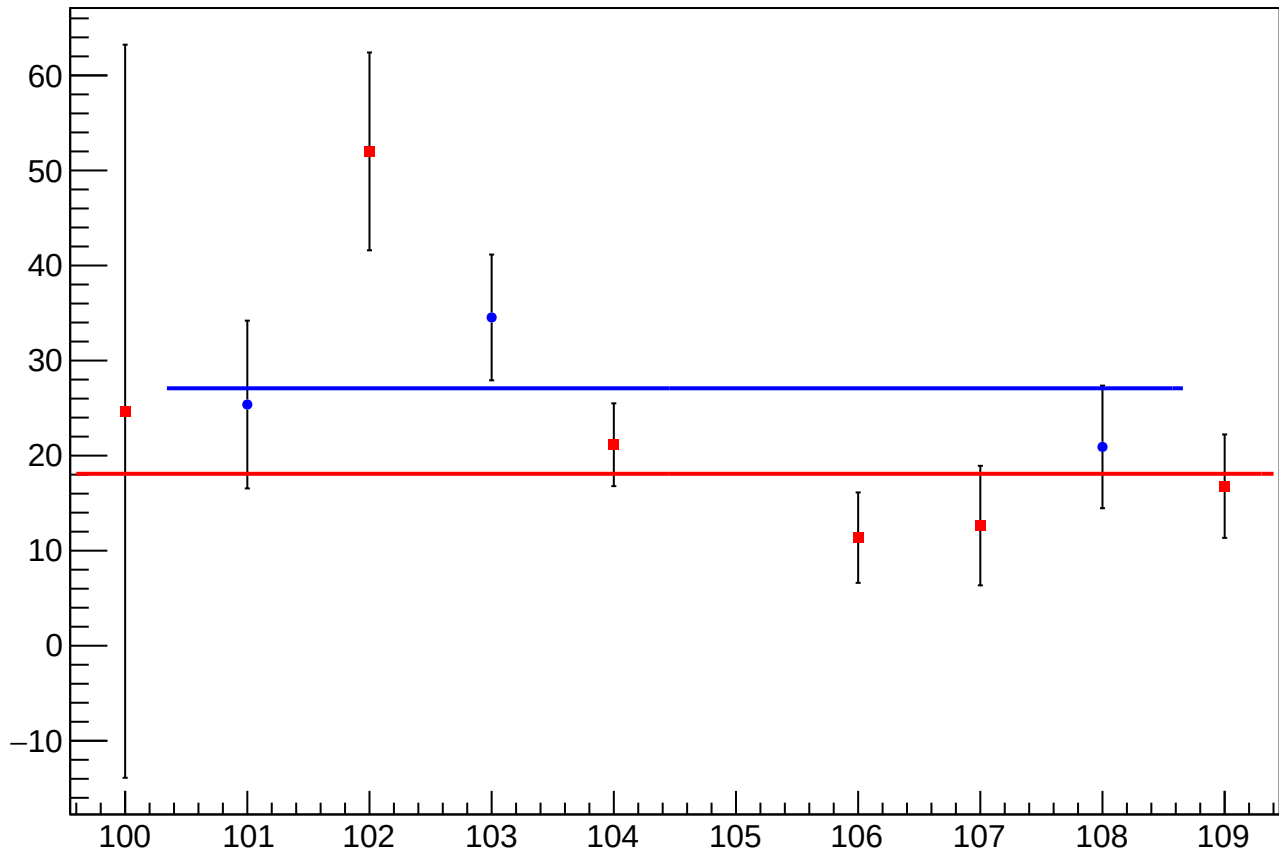
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -149.852 ± 1.989 χ^2/NDF : 421.5/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 27.084 $\pm$ 4.091 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.088 $\pm$ 2.455 χ^2 /NDF: 14.0/5

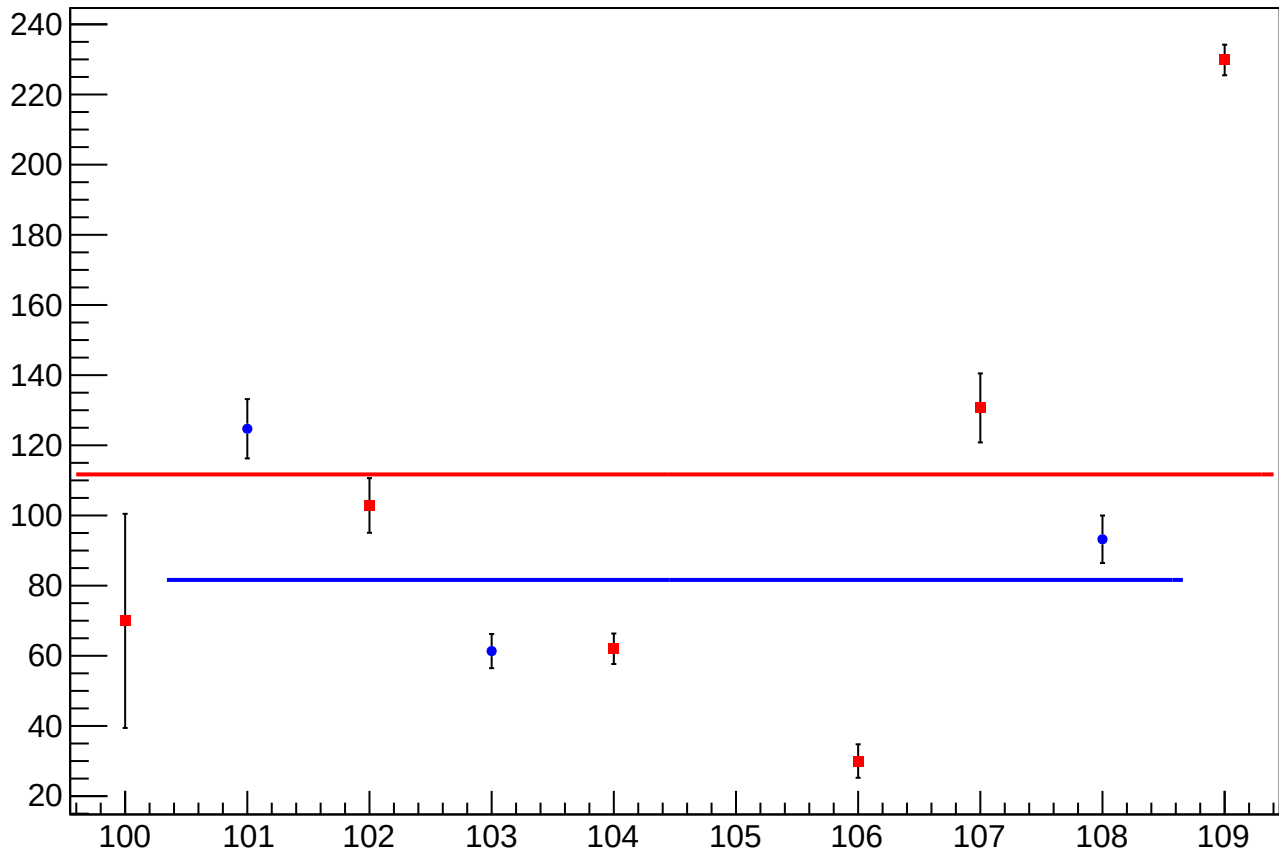
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.470 $\pm$ 2.105 χ^2 /NDF: 19.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 81.631+/-3.582 χ^2/NDF : 46.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.707+/-2.374 χ^2/NDF : 1165.1/5

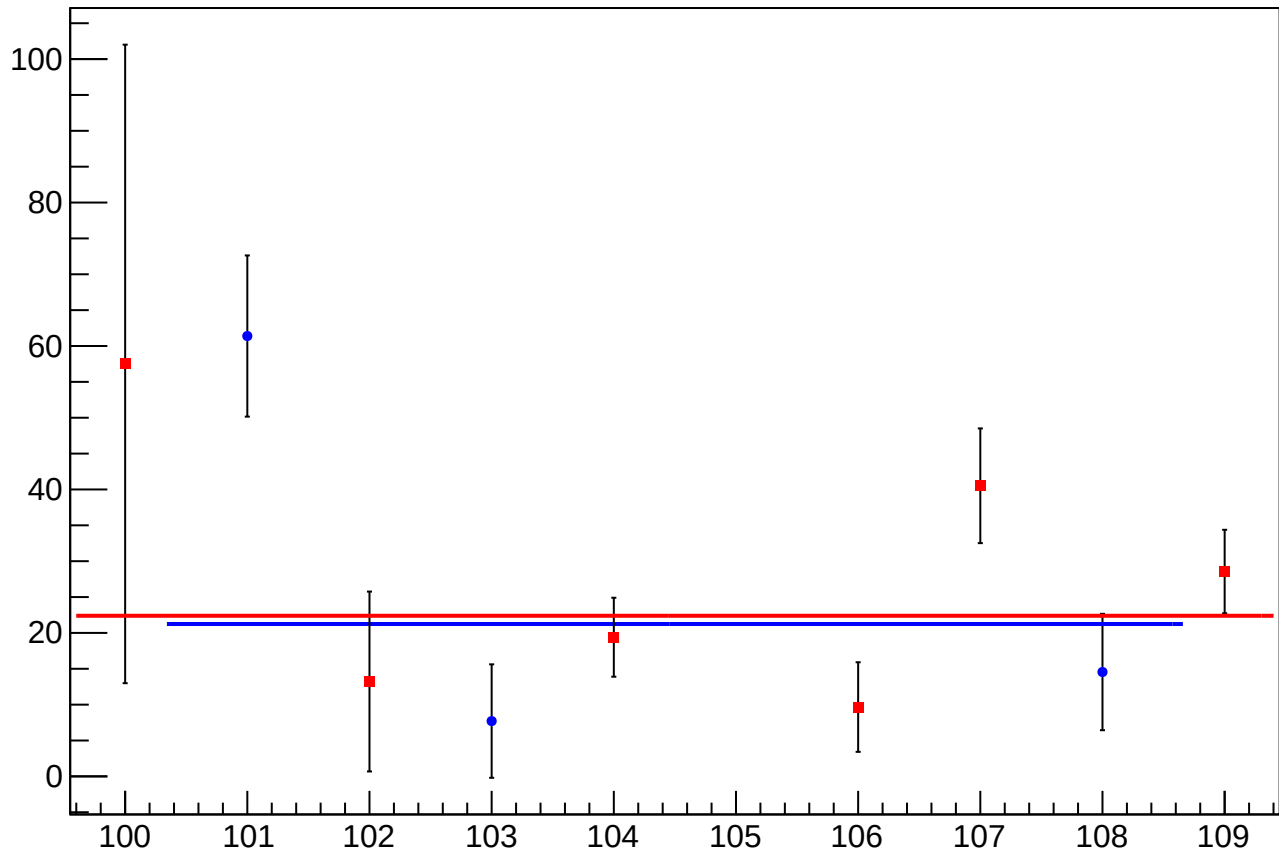
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.527+/-1.979 χ^2/NDF : 1260.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 21.242 $\pm$ 5.057 χ^2 /NDF: 16.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.391 $\pm$ 3.006 χ^2 /NDF: 11.9/5

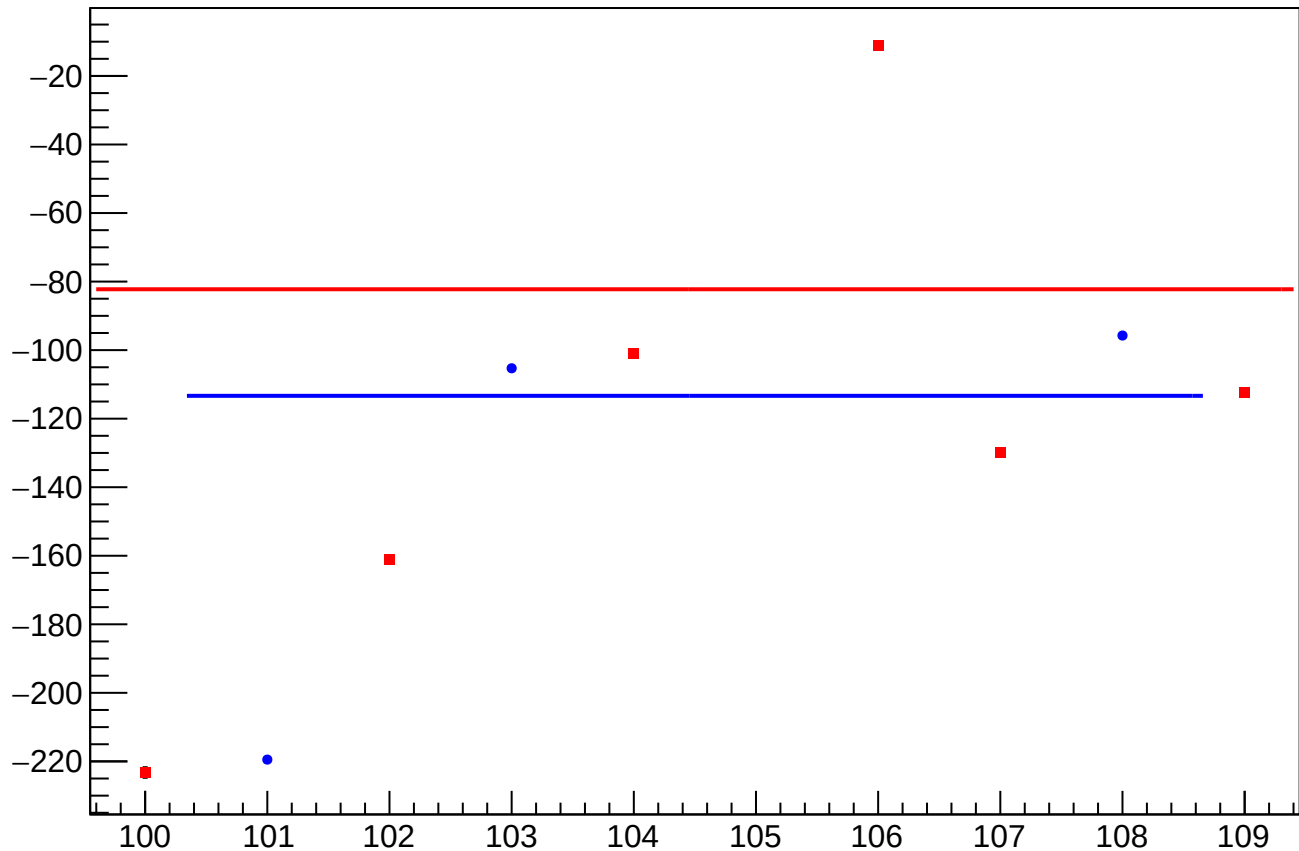
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.091 $\pm$ 2.584 χ^2 /NDF: 28.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -113.336+/-0.157 χ^2/NDF : 50177.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.239+/-0.117 χ^2/NDF : 221921.4/5

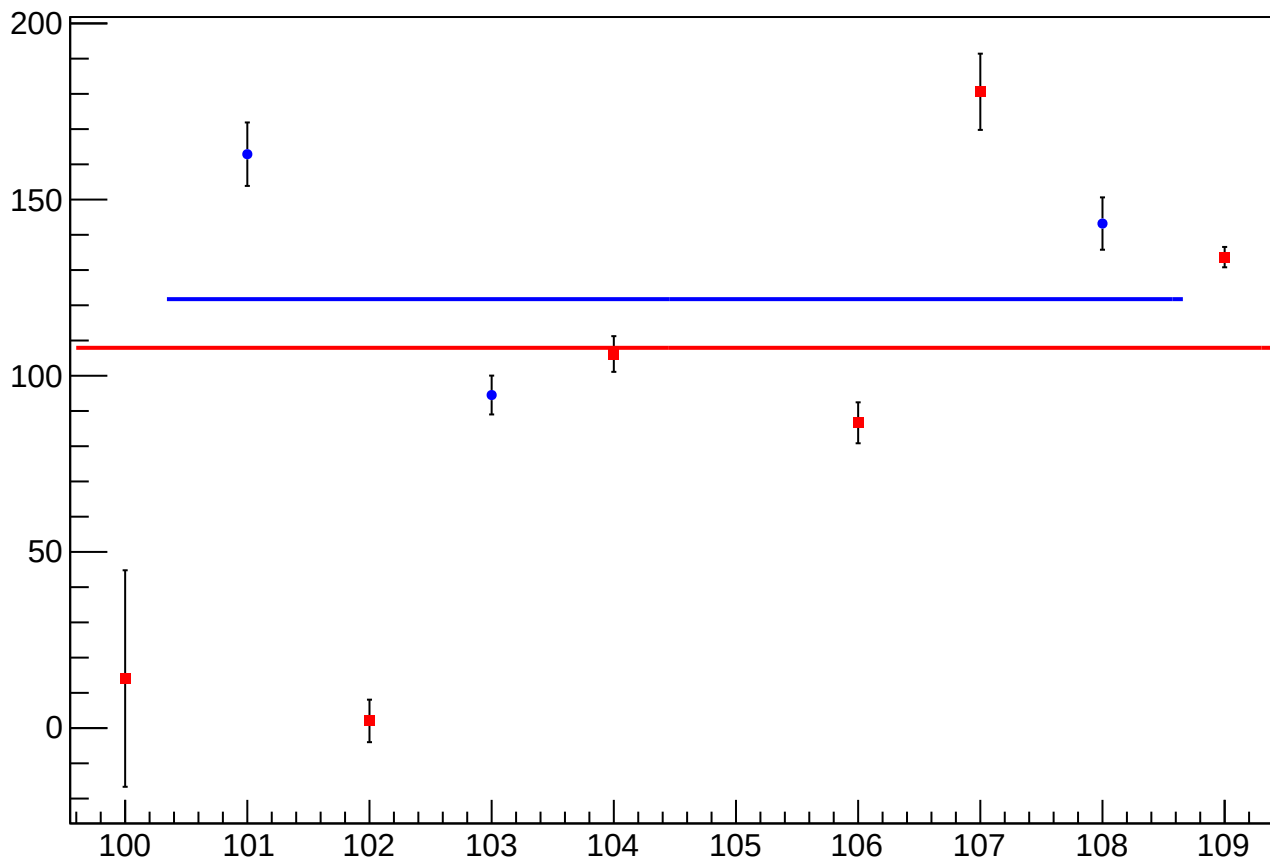
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.374+/-0.094 χ^2/NDF : 297441.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 121.741 $\pm$ 3.973 χ^2 /NDF: 53.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 107.929 $\pm$ 2.105 χ^2 /NDF: 455.7/5

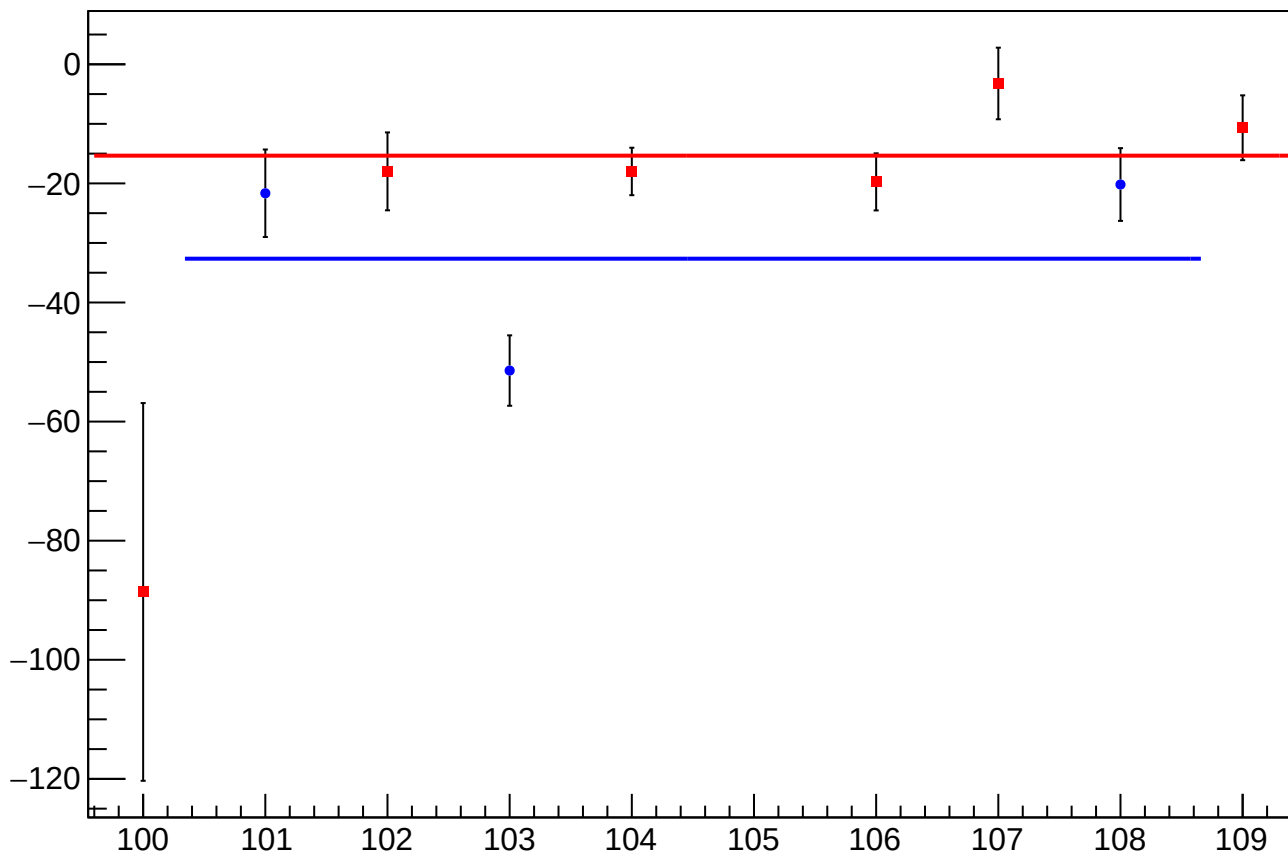
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 110.957 $\pm$ 1.860 χ^2 /NDF: 518.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: -32.644 $\pm$ 3.678 χ^2 /NDF: 16.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.341 $\pm$ 2.280 χ^2 /NDF: 11.6/5

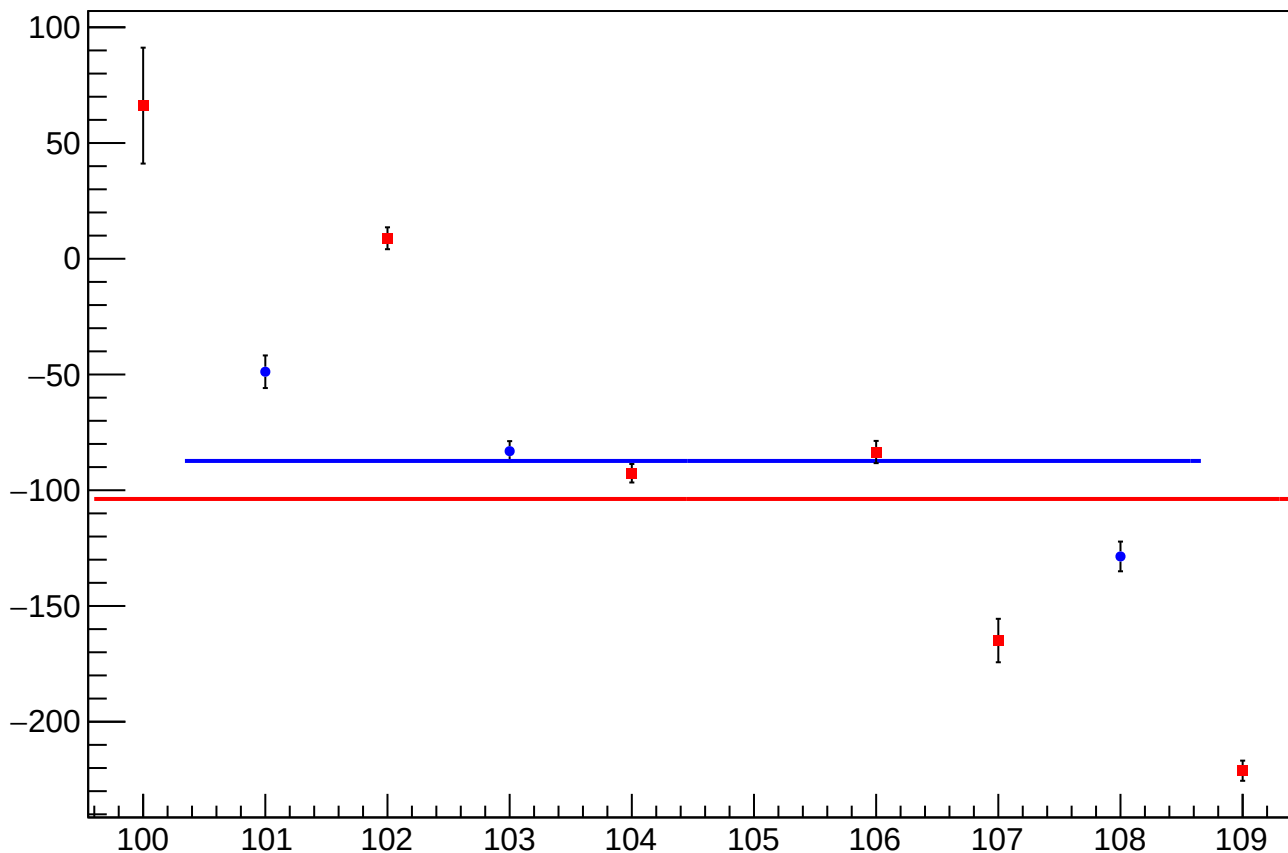
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -20.147 $\pm$ 1.938 χ^2 /NDF: 44.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -87.343+/-3.196 χ^2/NDF : 72.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.768+/-2.150 χ^2/NDF : 1407.2/5

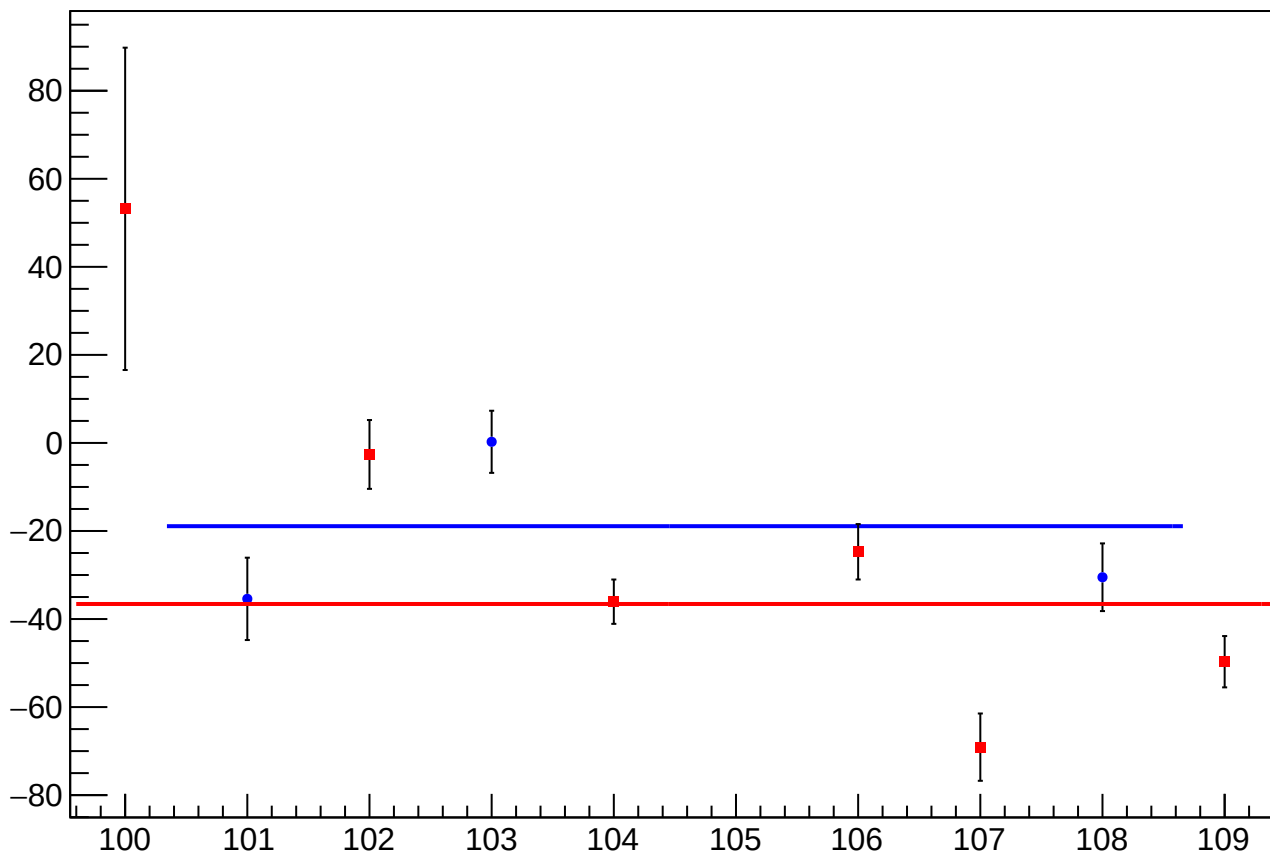
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.652+/-1.784 χ^2/NDF : 1497.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -18.910 ± 4.544 χ^2/NDF : 12.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.582 ± 2.791 χ^2/NDF : 51.6/5

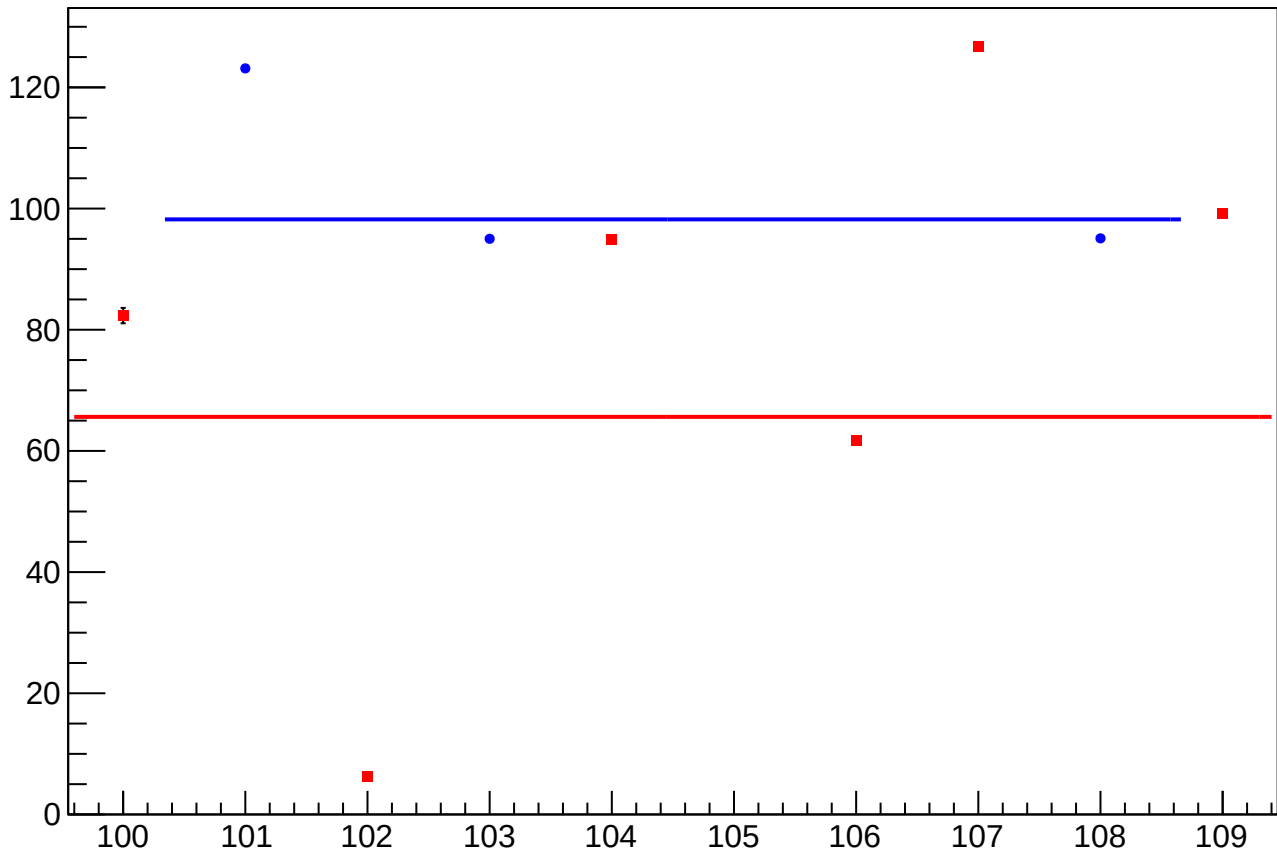
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.740 ± 2.378 χ^2/NDF : 75.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 98.213+/-0.141 χ^2/NDF : 4011.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.619+/-0.103 χ^2/NDF : 146783.3/5

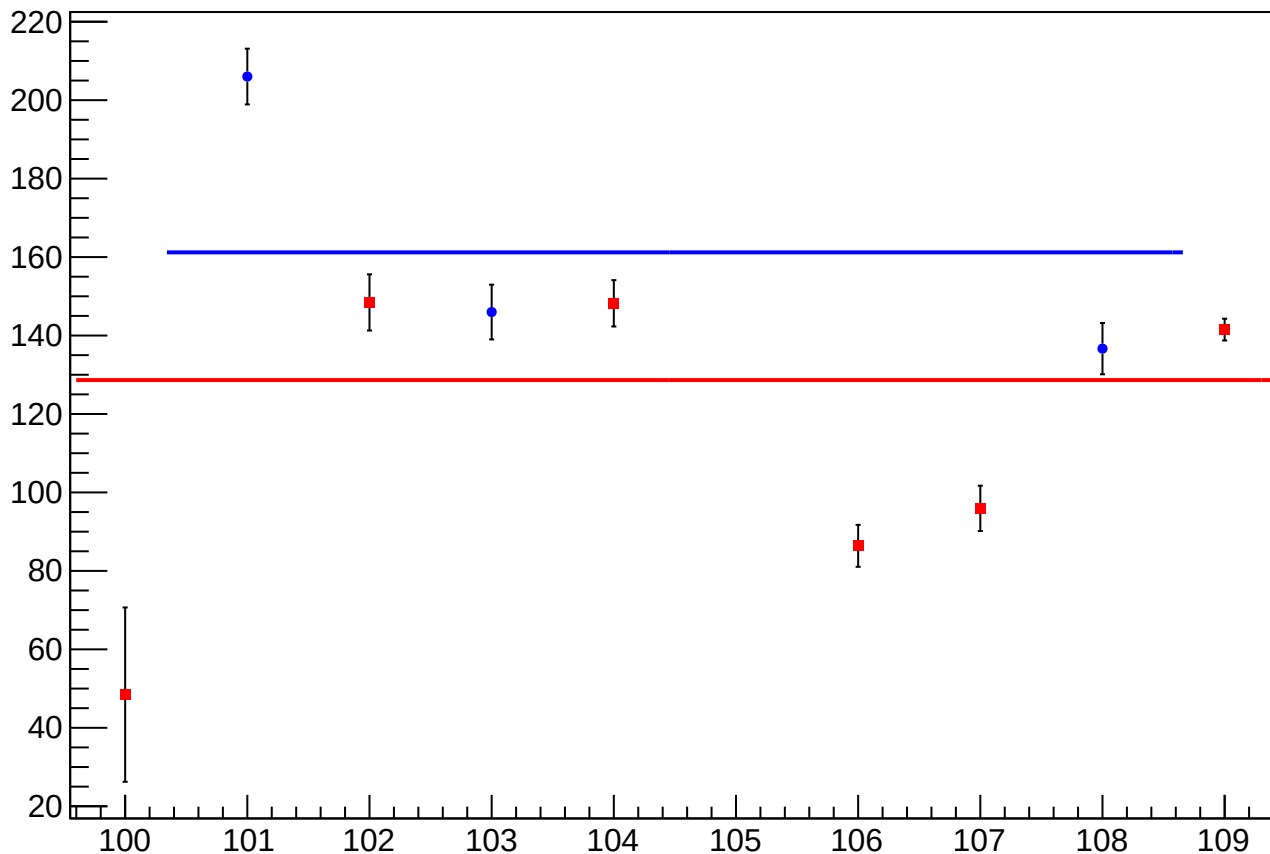
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.050+/-0.083 χ^2/NDF : 185731.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 161.202 $\pm$ 3.961 χ^2 /NDF: 58.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.647 $\pm$ 2.020 χ^2 /NDF: 147.6/5

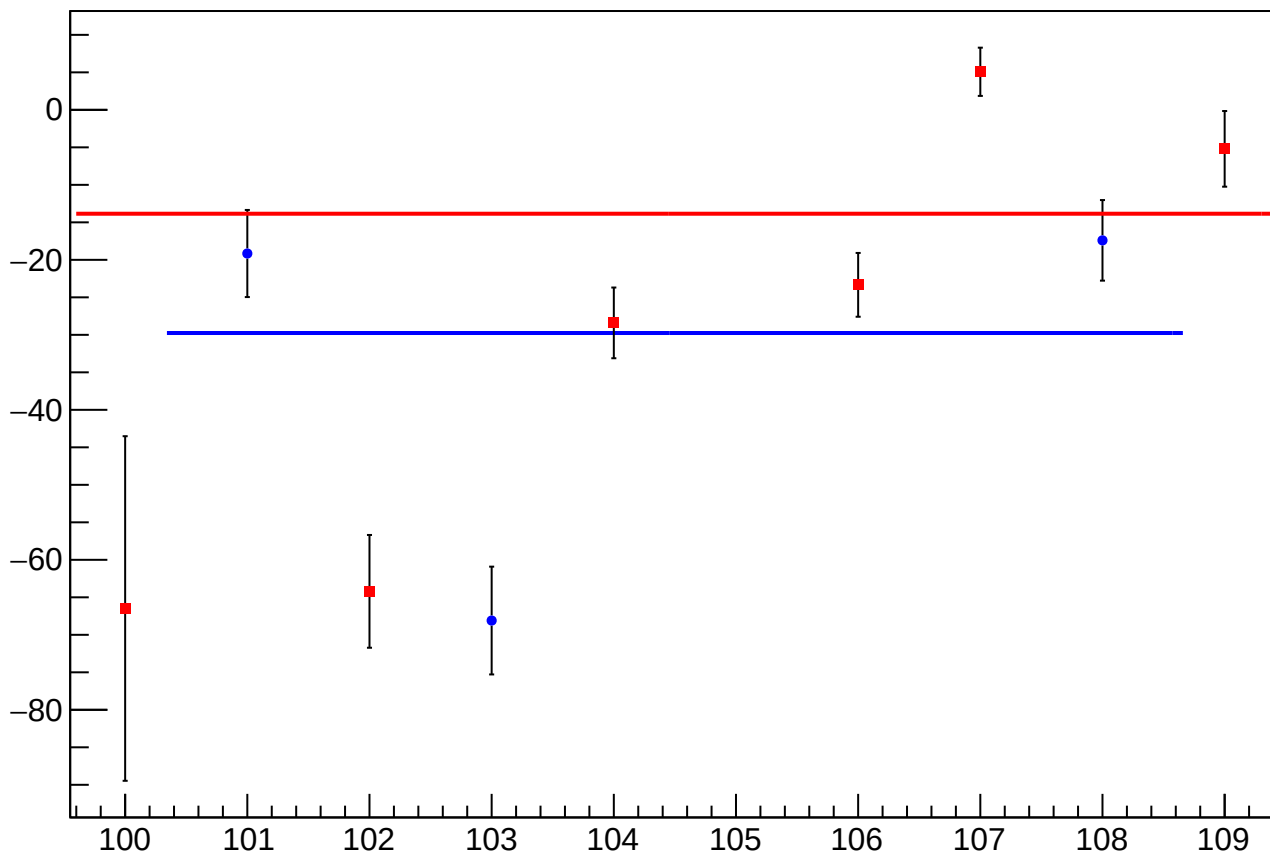
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.364 $\pm$ 1.799 χ^2 /NDF: 259.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -29.756 ± 3.457 χ^2/NDF : 37.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.851 ± 1.977 χ^2/NDF : 102.2/5

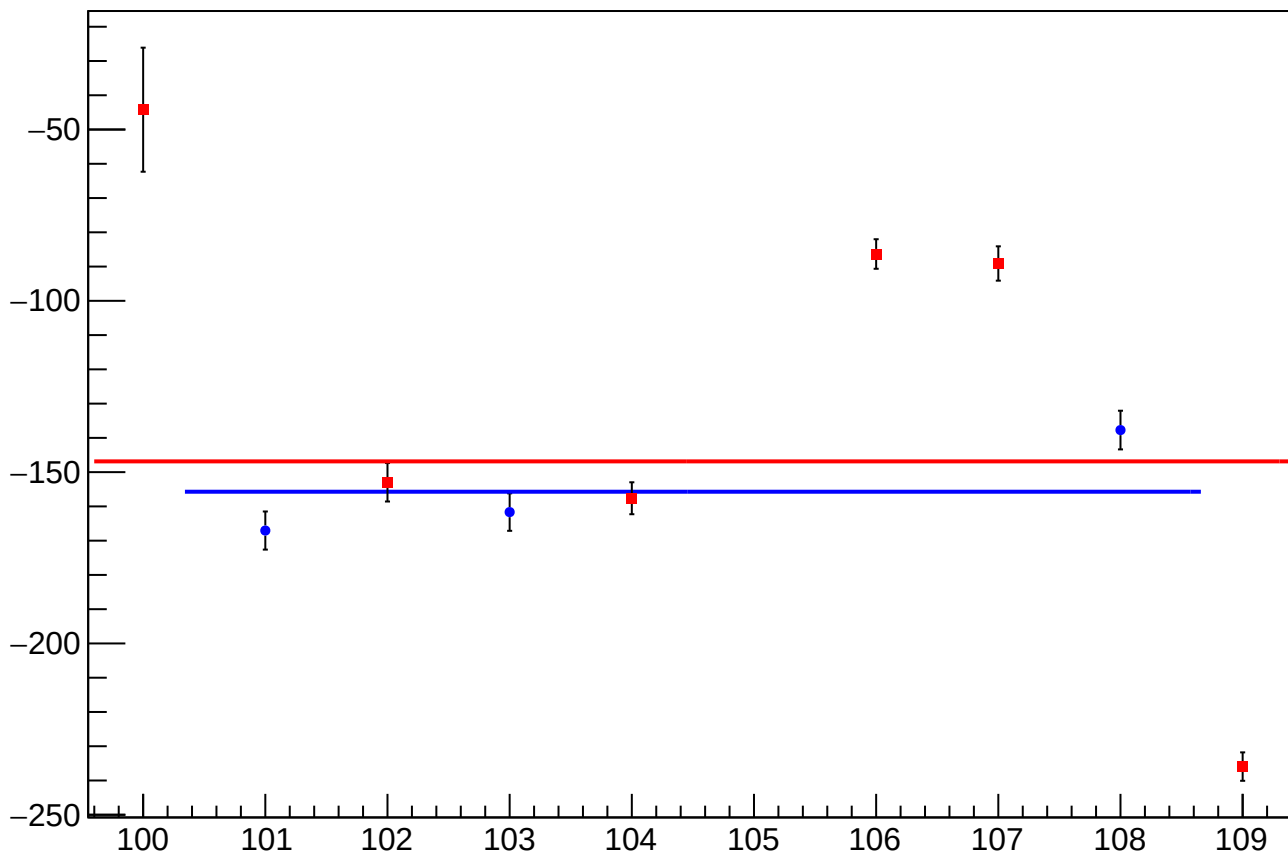
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.771 ± 1.716 χ^2/NDF : 155.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -155.715 ± 3.208 $\chi^2/\text{NDF}: 15.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -146.859 ± 2.074 $\chi^2/\text{NDF}: 829.3/5$

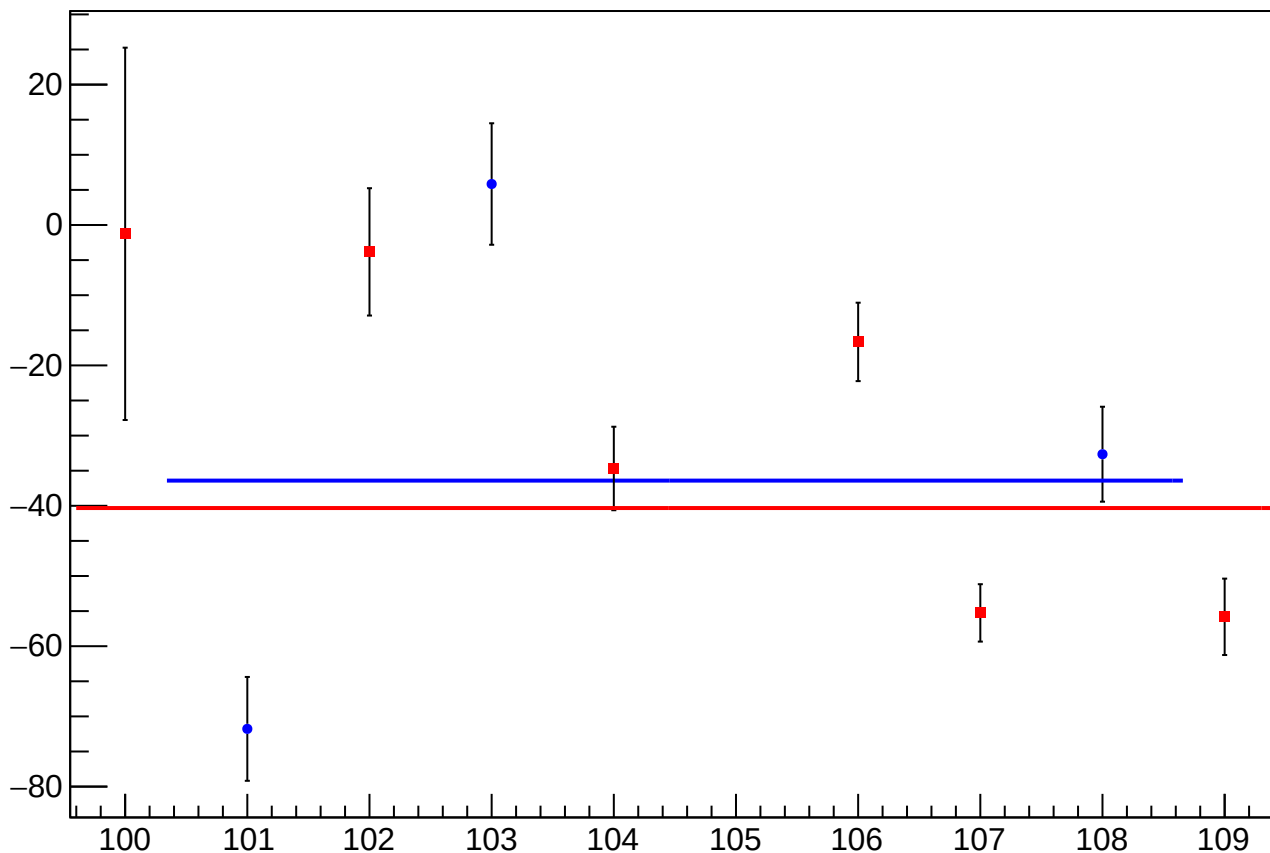
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -149.469 ± 1.742 $\chi^2/\text{NDF}: 850.2/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -36.411 ± 4.323 $\chi^2/\text{NDF}: 47.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.319 ± 2.443 $\chi^2/\text{NDF}: 58.7/5$

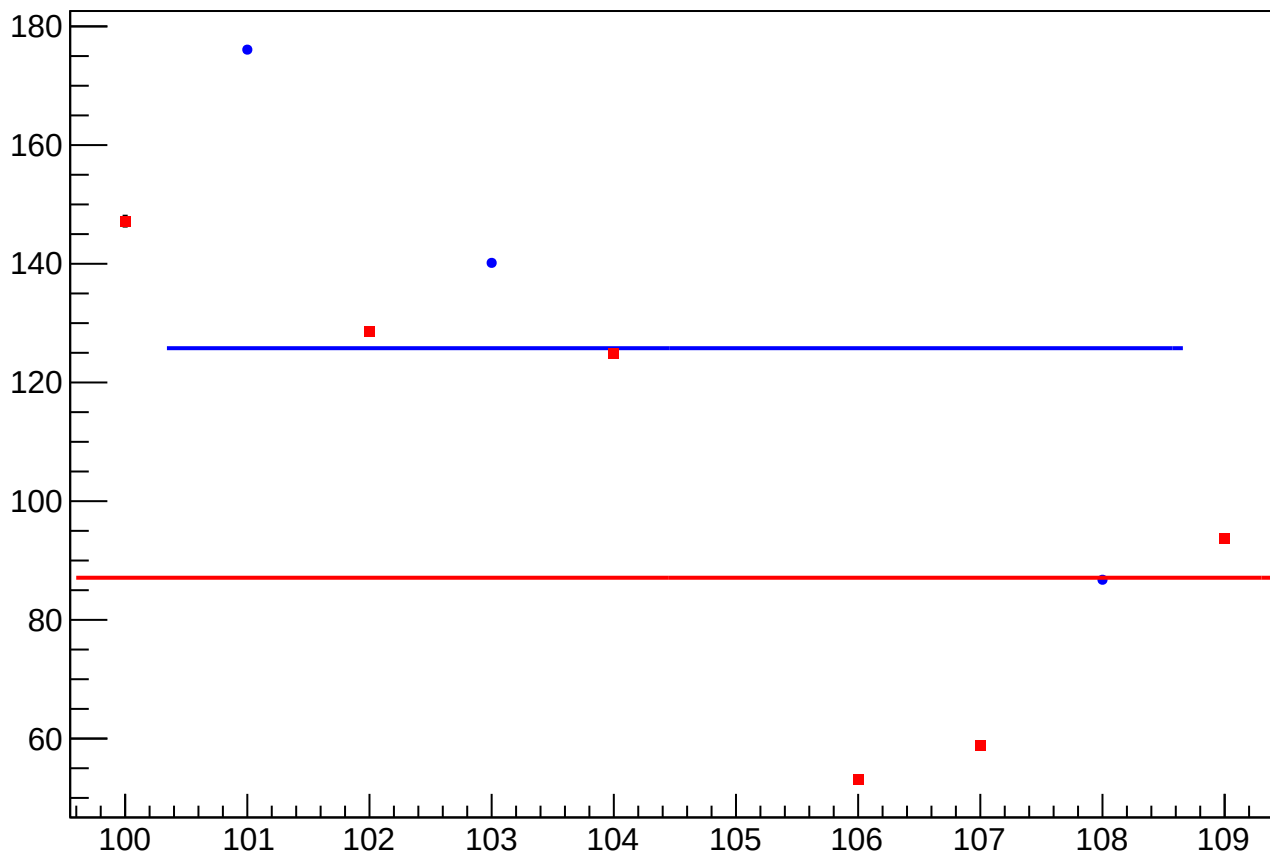
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.373 ± 2.127 $\chi^2/\text{NDF}: 106.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 125.777 $\pm$ 0.147 χ^2 /NDF: 55281.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.100 $\pm$ 0.100 χ^2 /NDF: 111754.3/5

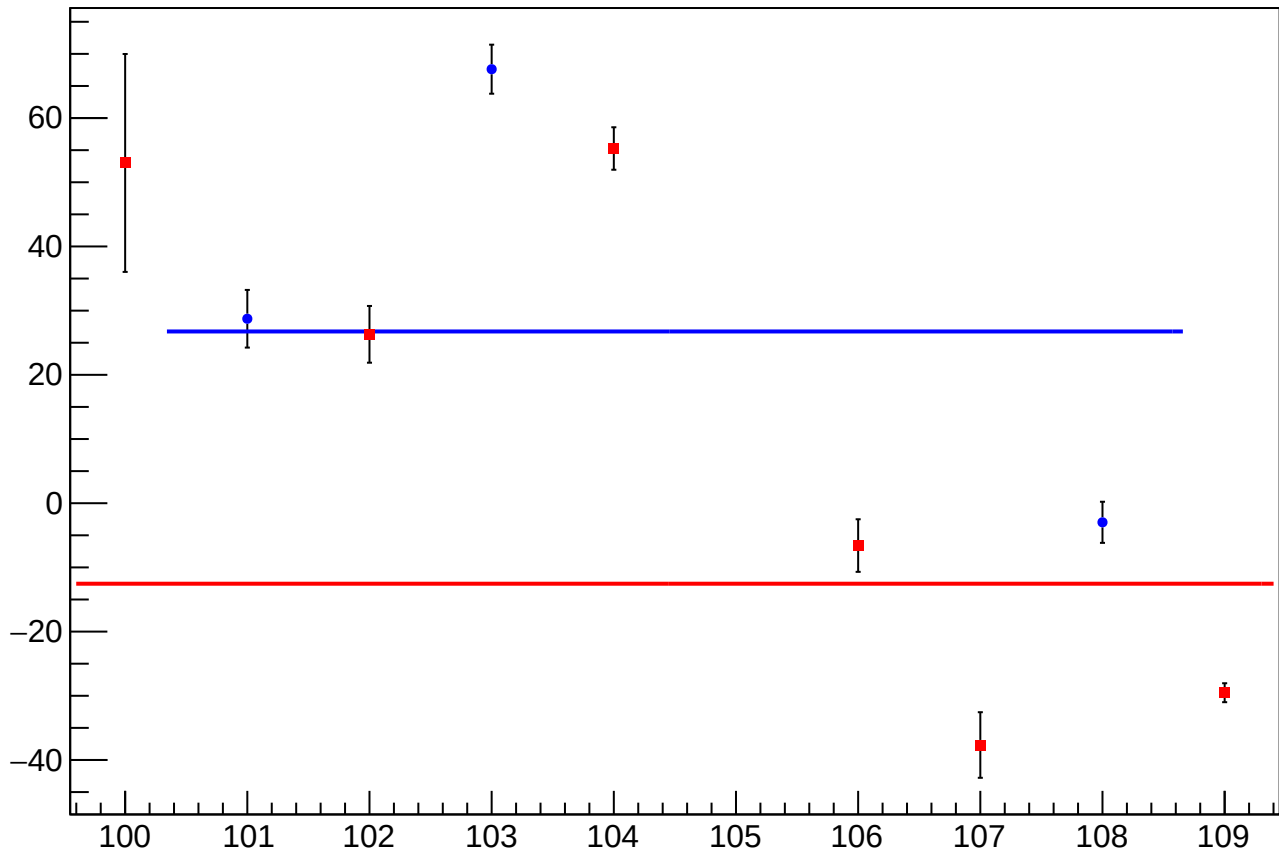
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.370 $\pm$ 0.083 χ^2 /NDF: 214372.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 26.756 $\pm$ 2.154 χ^2 /NDF: 200.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.541 $\pm$ 1.192 χ^2 /NDF: 670.9/5

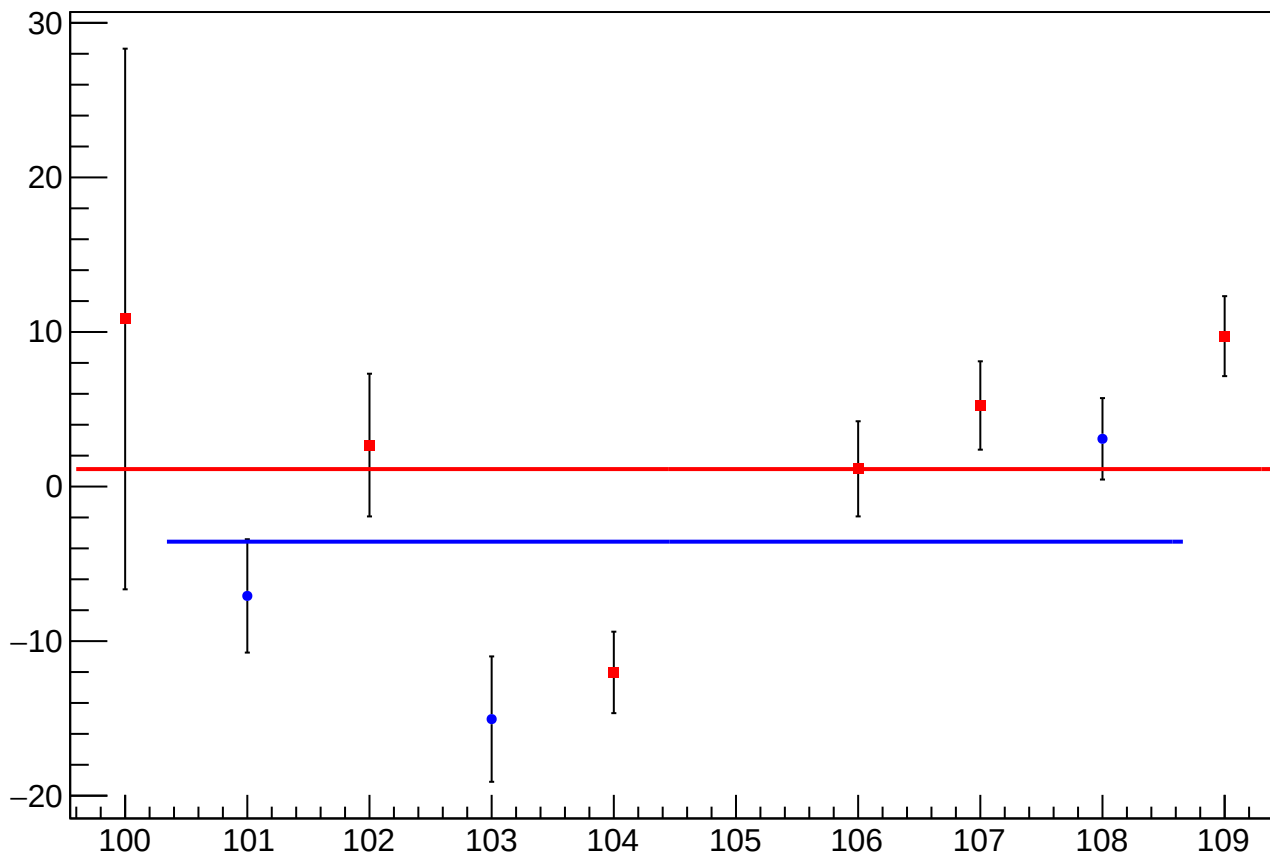
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.322 $\pm$ 1.043 χ^2 /NDF: 1126.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -3.566 $\pm$ 1.892 χ^2 /NDF: 15.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.131 $\pm$ 1.323 χ^2 /NDF: 38.5/5

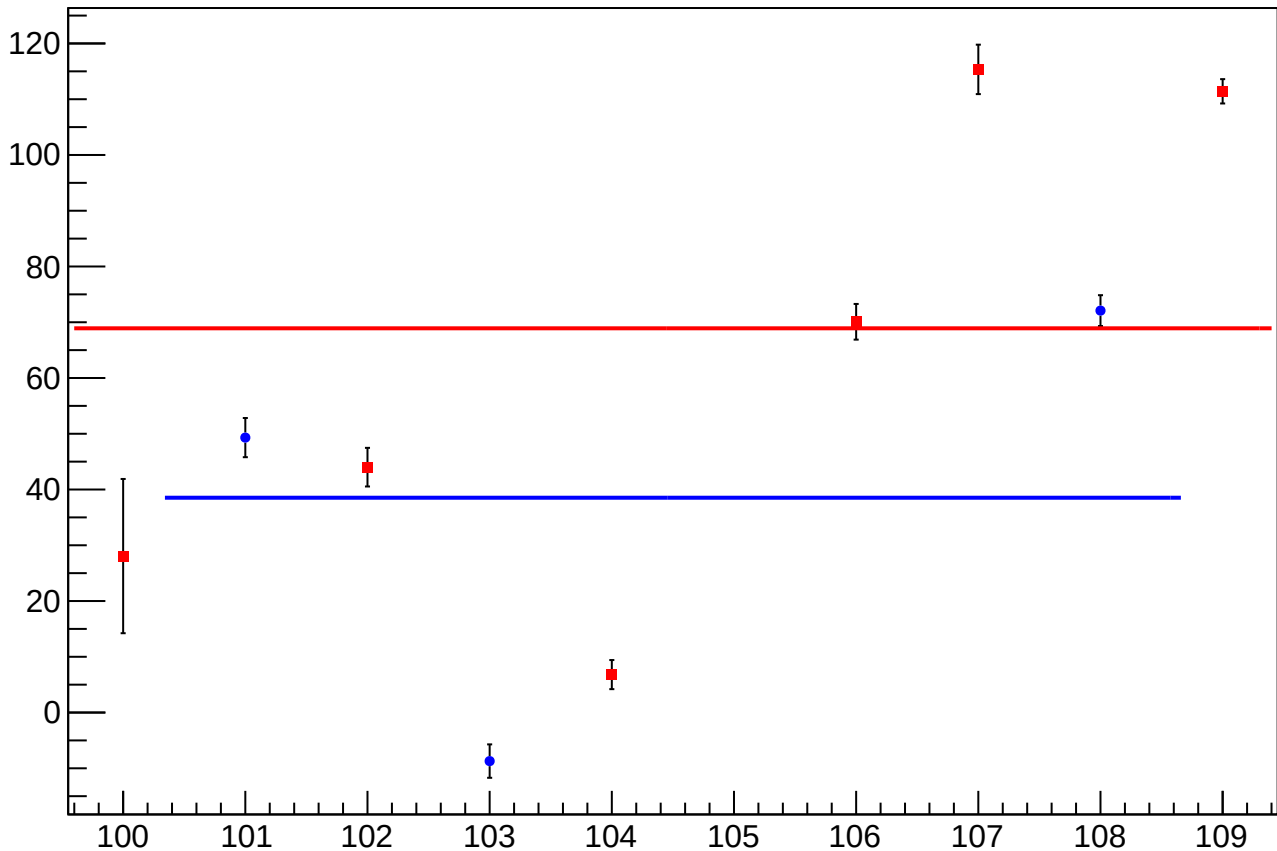
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.411 $\pm$ 1.084 χ^2 /NDF: 57.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 38.529+/-1.760 χ^2 /NDF: 405.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 68.912+/-1.298 χ^2 /NDF: 1115.9/5

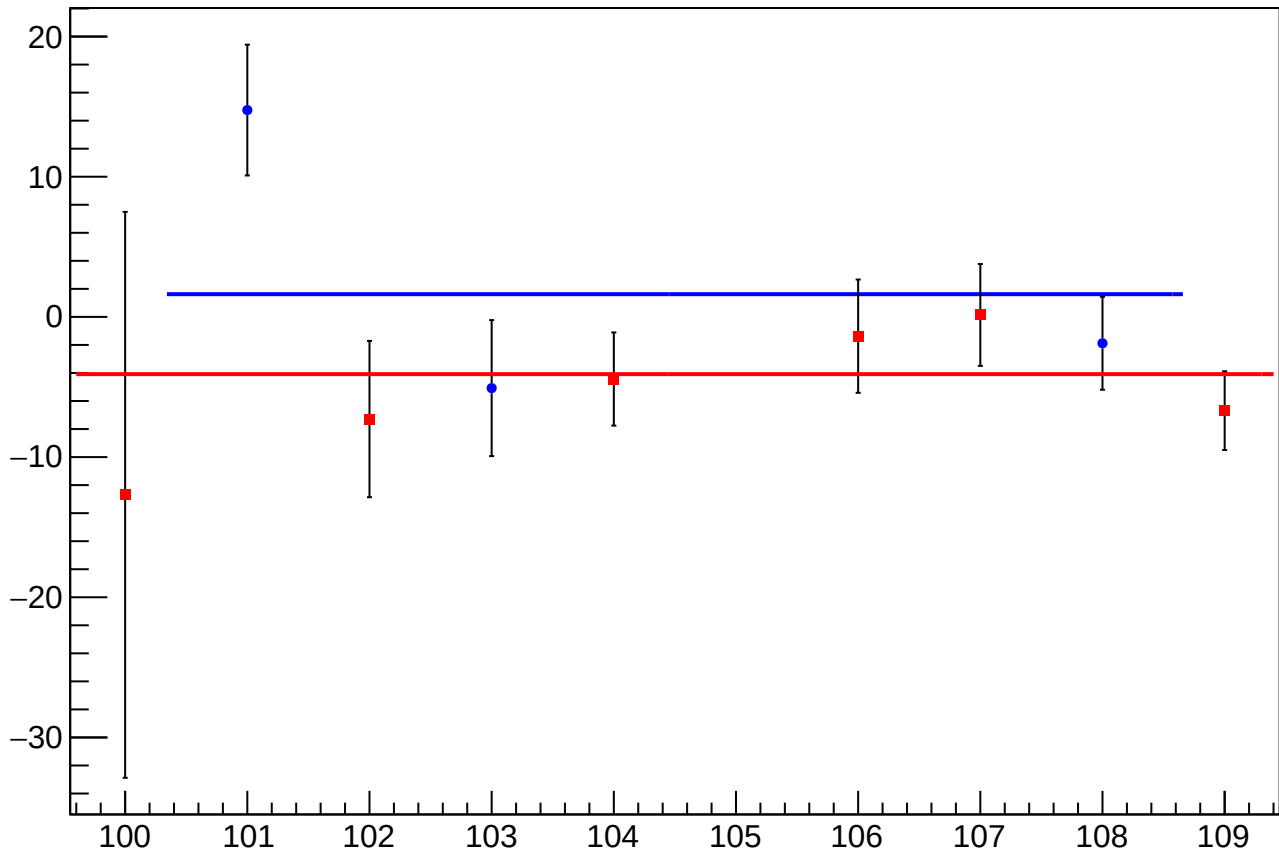
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 58.210+/-1.044 χ^2 /NDF: 1714.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug



Right In: 1.621+/-2.361 χ^2/NDF : 10.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.083+/-1.604 χ^2/NDF : 3.2/5

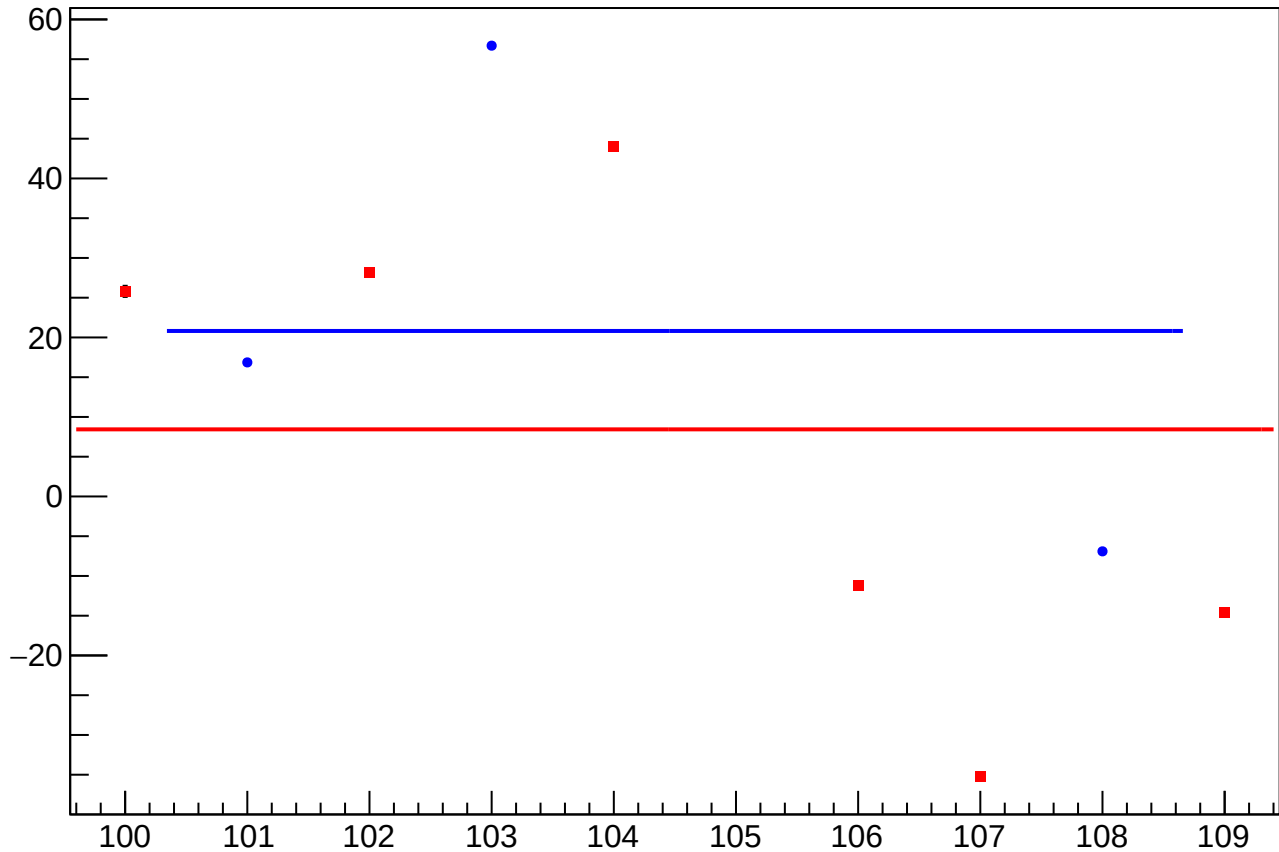
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.282+/-1.326 χ^2/NDF : 18.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 20.816+/-0.078 χ^2/NDF : 142005.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.439+/-0.067 χ^2/NDF : 194741.9/5

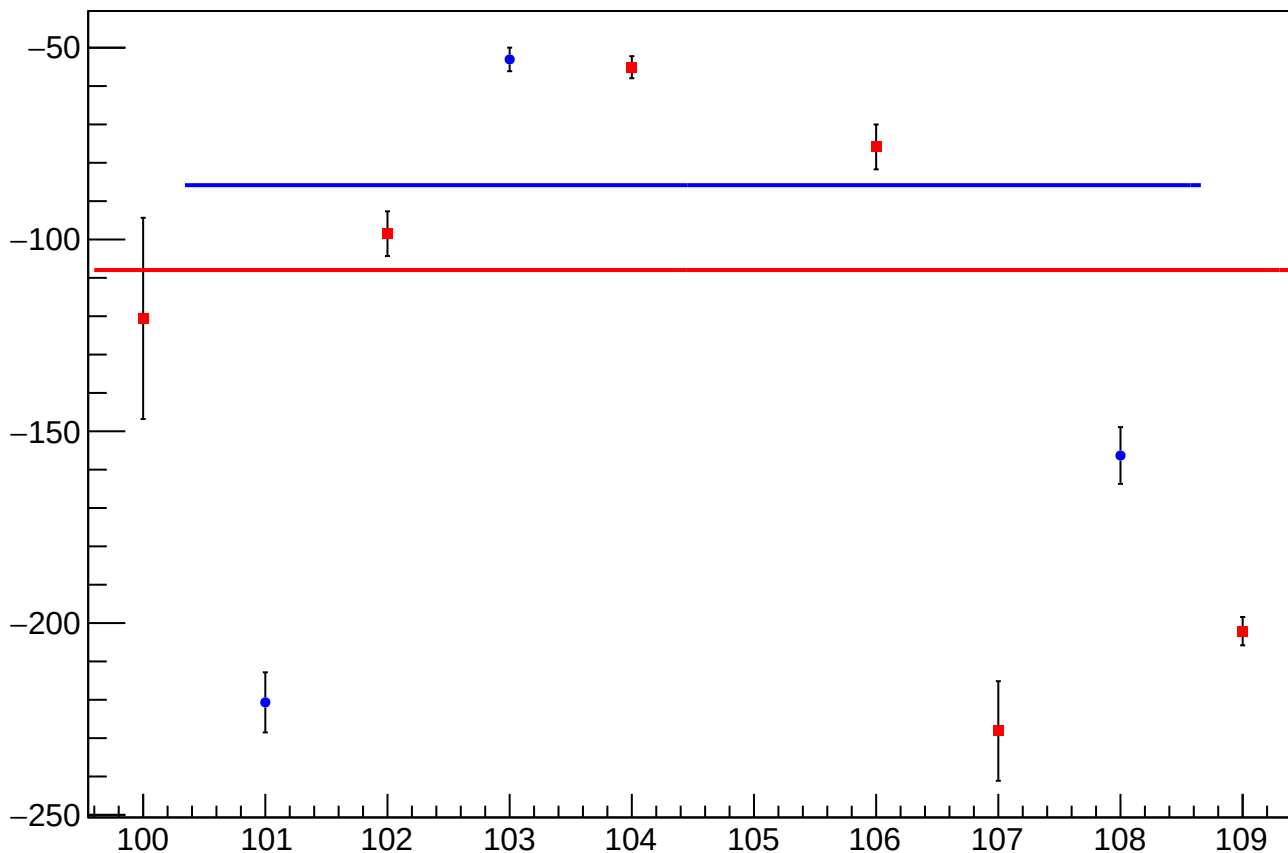
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.685+/-0.051 χ^2/NDF : 351283.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -85.836 $\pm$ 2.665 χ^2 /NDF: 501.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -107.958 $\pm$ 1.961 χ^2 /NDF: 1104.6/5

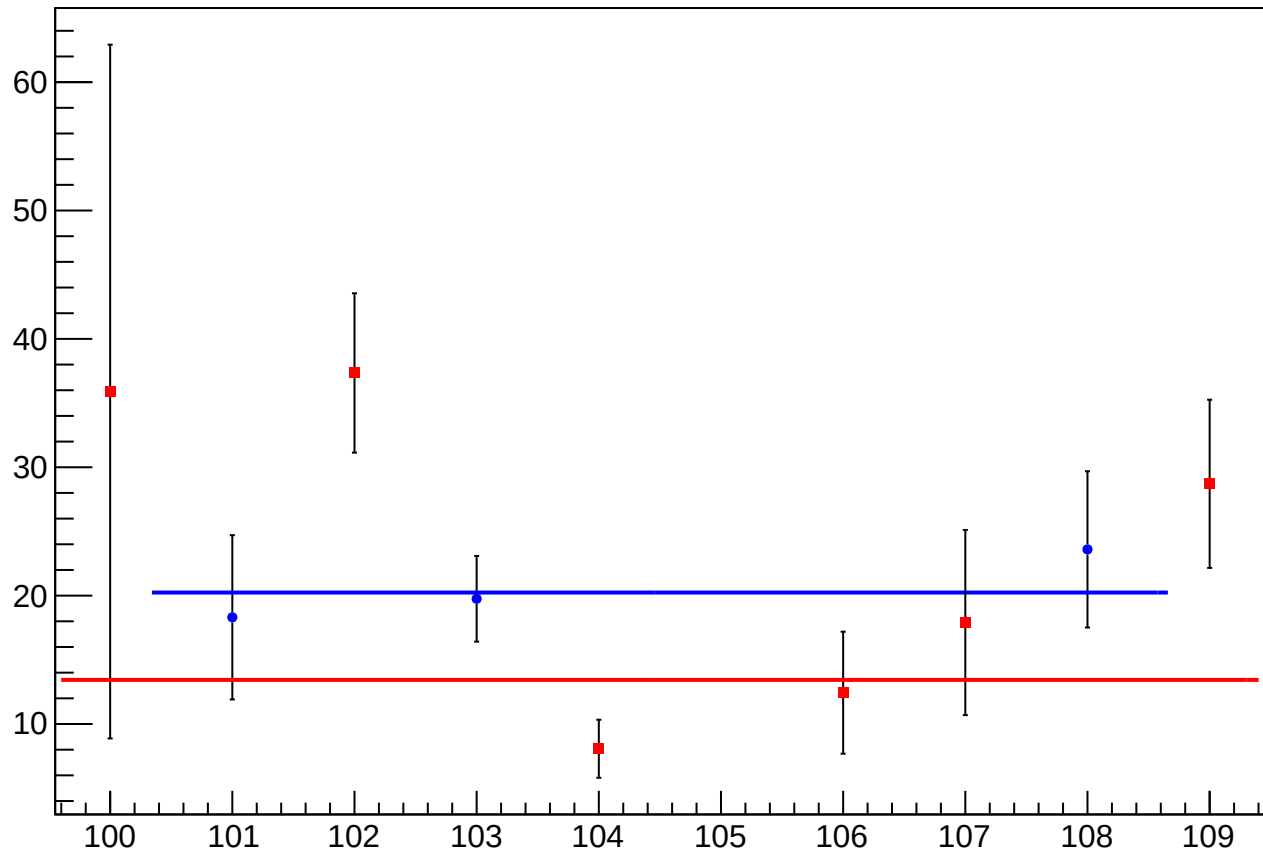
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.187 $\pm$ 1.579 χ^2 /NDF: 1650.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 20.241 $\pm$ 2.661 χ^2 /NDF: 0.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.436 $\pm$ 1.797 χ^2 /NDF: 27.0/5

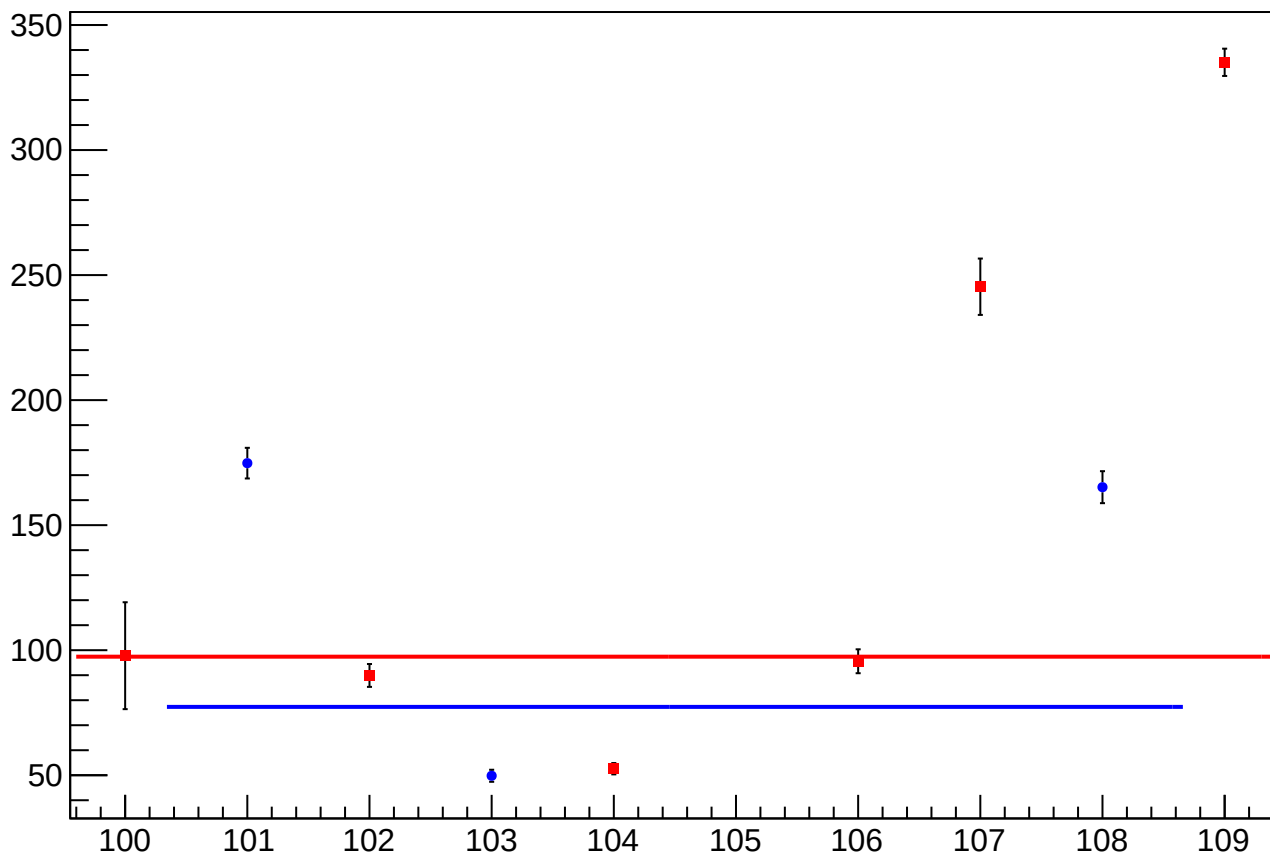
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.567 $\pm$ 1.489 χ^2 /NDF: 31.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 77.329+/-2.116 χ^2/NDF : 572.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.406+/-1.742 χ^2/NDF : 2463.0/5

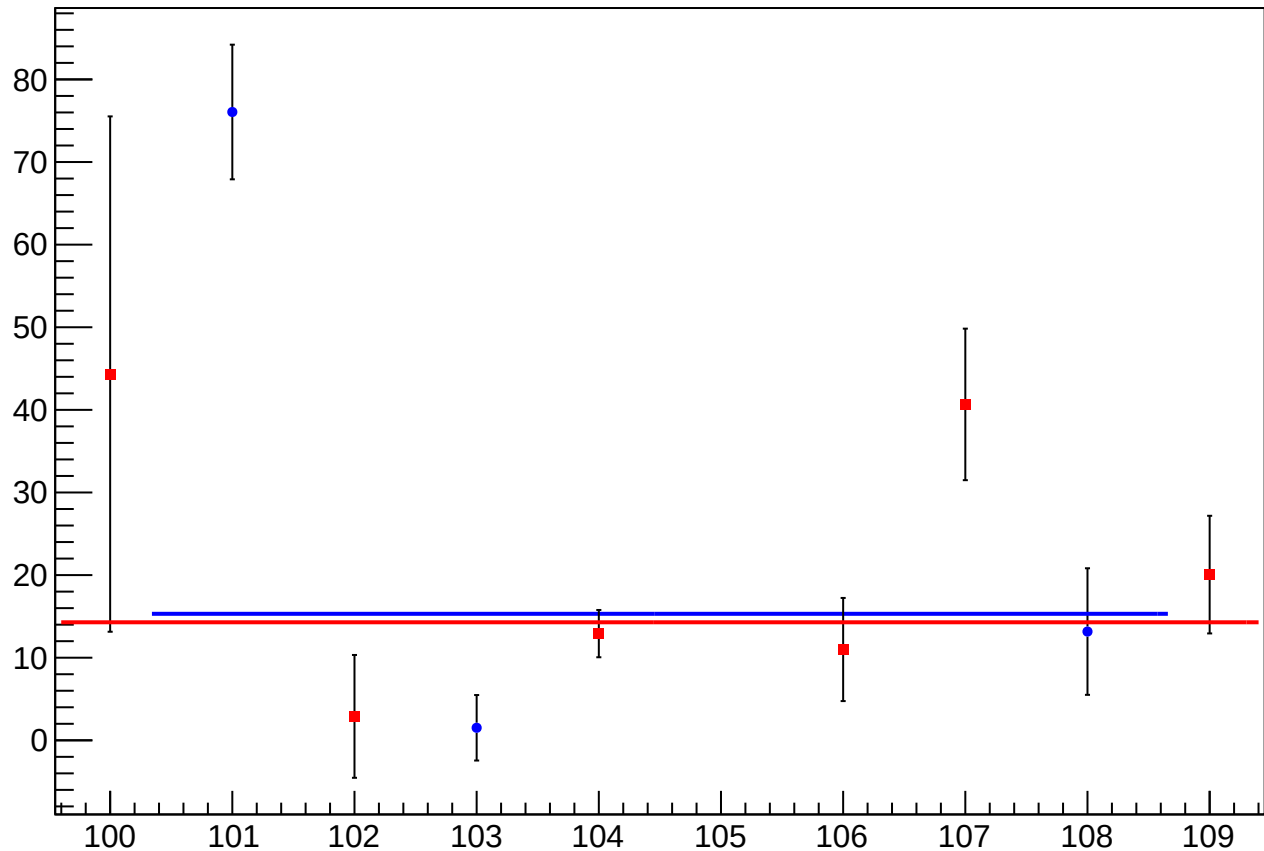
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.297+/-1.345 χ^2/NDF : 3089.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 15.314+/-3.232 χ^2/NDF : 67.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.288+/-2.244 χ^2/NDF : 12.7/5

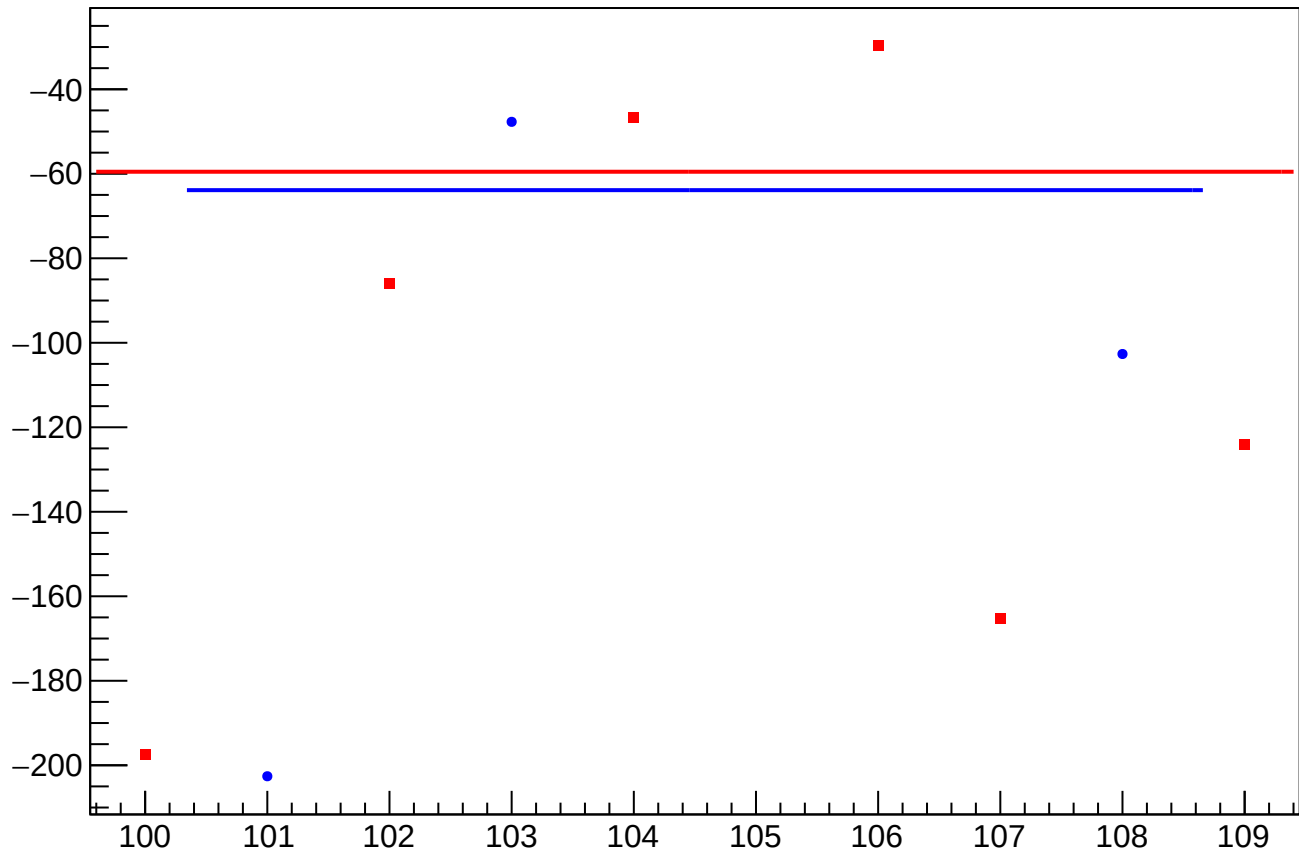
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.622+/-1.843 χ^2/NDF : 80.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -63.874 $\pm$ 0.091 χ^2 /NDF: 192416.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -59.516 $\pm$ 0.082 χ^2 /NDF: 152840.6/5

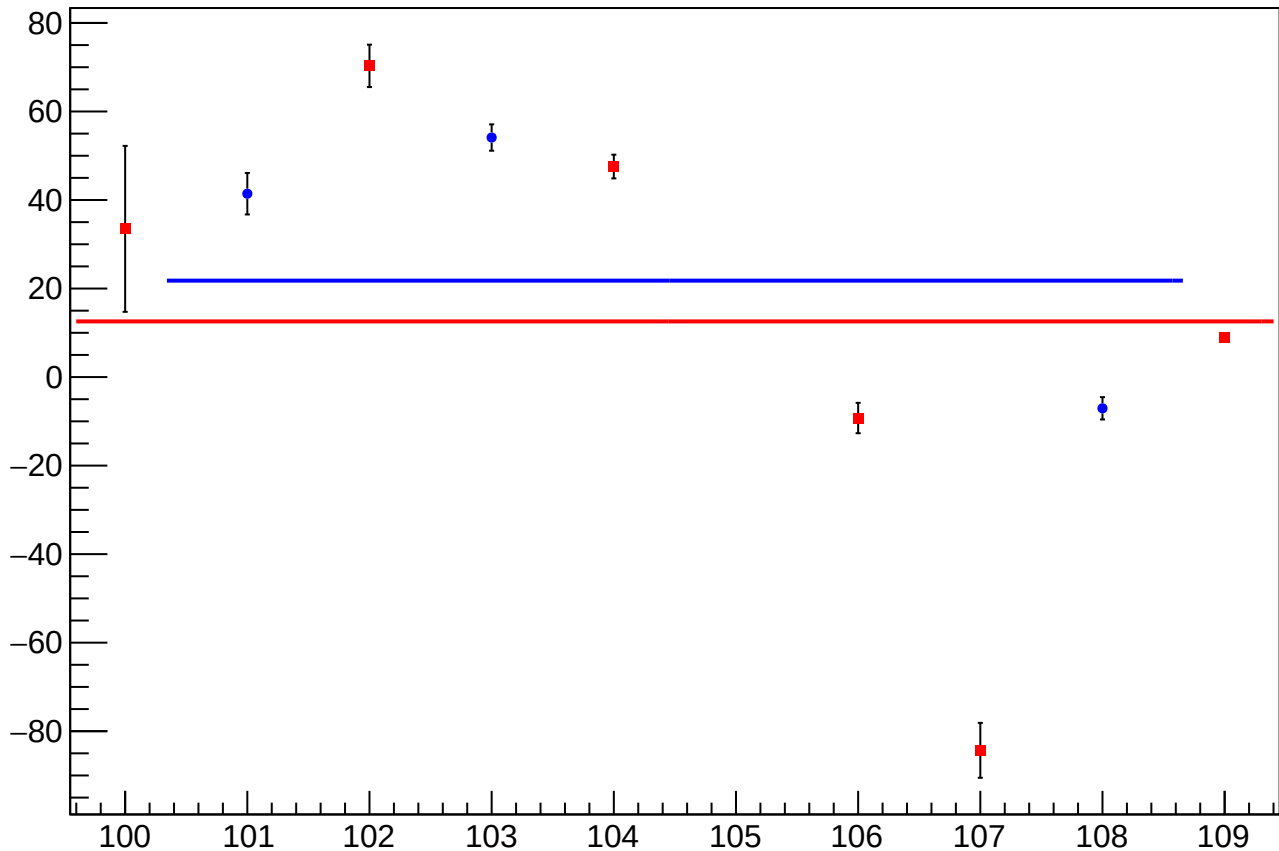
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.481 $\pm$ 0.061 χ^2 /NDF: 346523.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 21.788+/-1.780 χ^2/NDF : 266.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.575+/-0.932 χ^2/NDF : 612.4/5

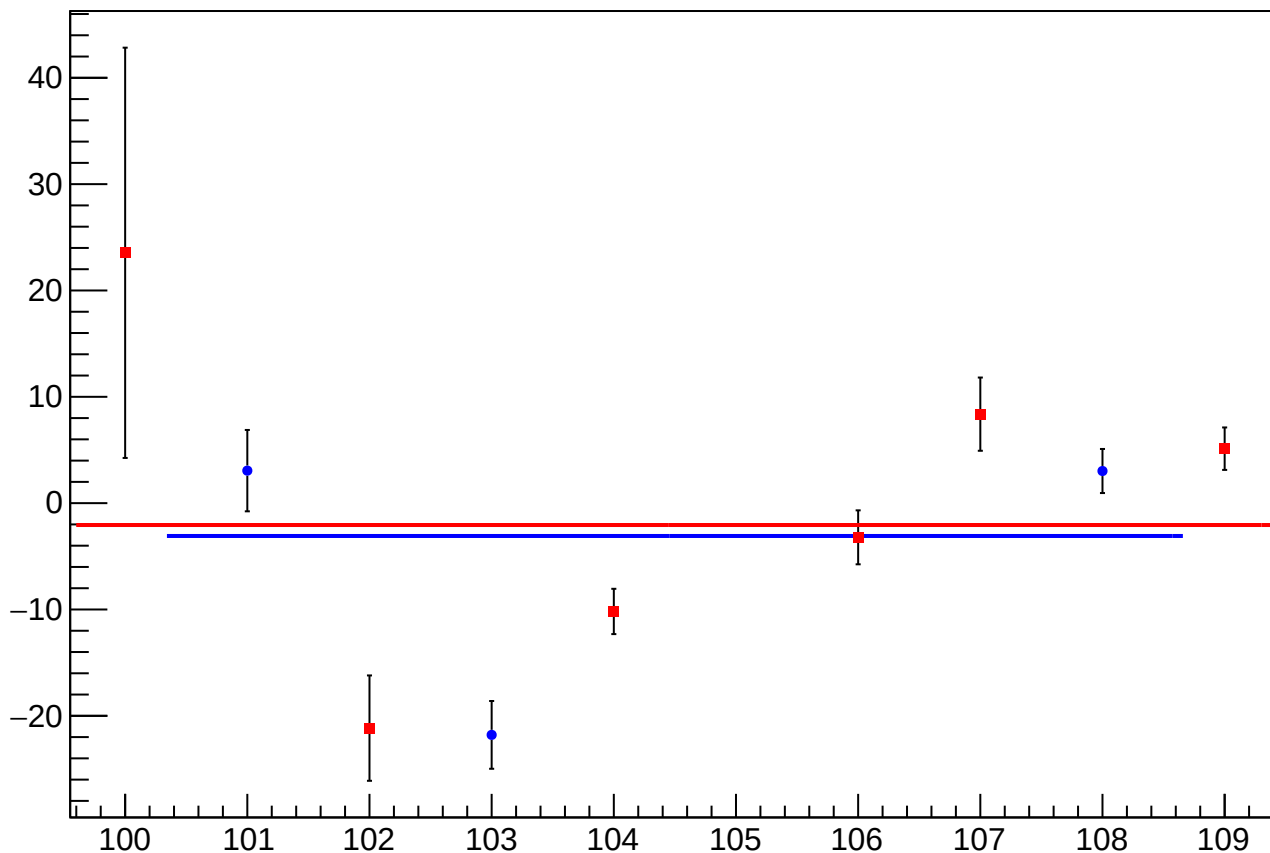
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.557+/-0.826 χ^2/NDF : 899.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -3.087+/-1.582 χ^2/NDF : 45.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.056+/-1.151 χ^2/NDF : 53.5/5

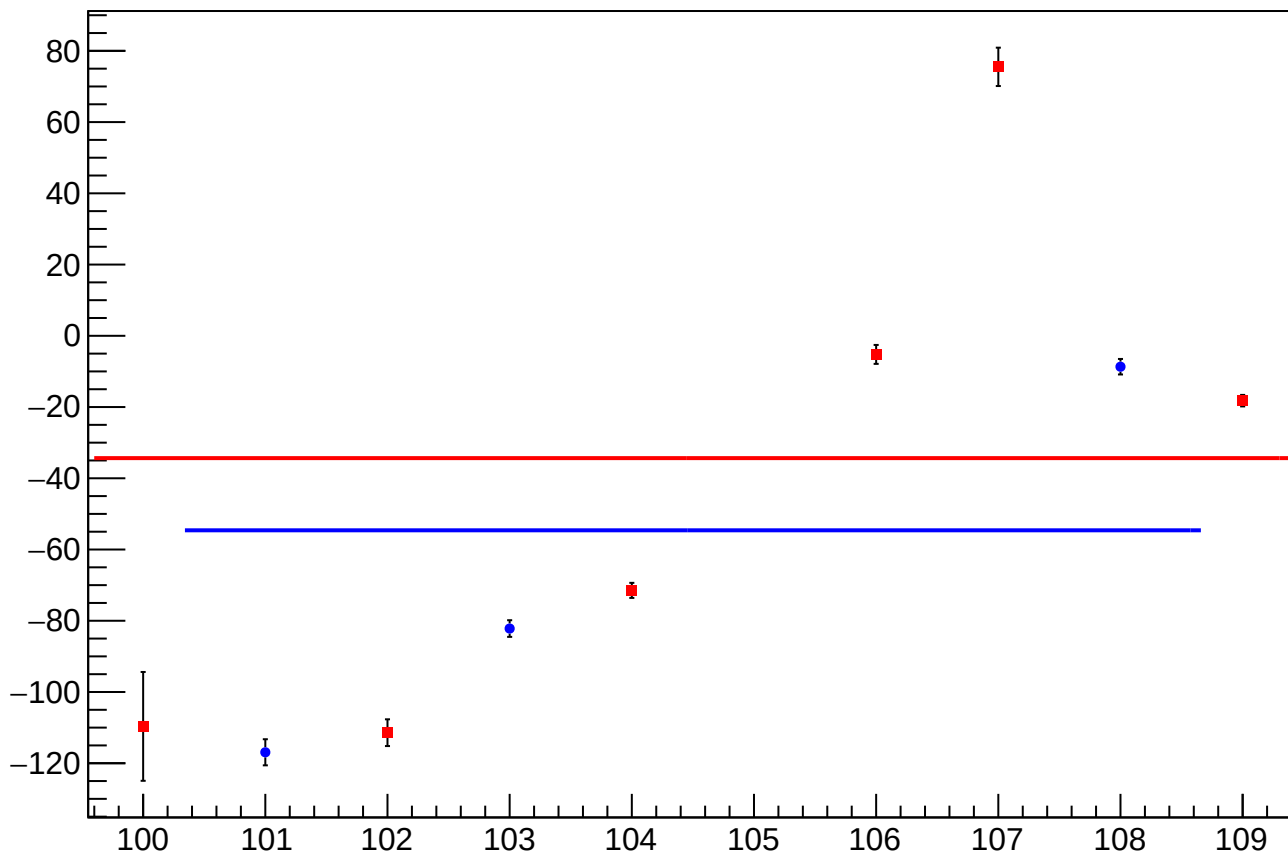
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.413+/-0.931 χ^2/NDF : 99.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -54.607 $\pm$ 1.462 χ^2 /NDF: 873.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.340 $\pm$ 1.079 χ^2 /NDF: 1390.1/5

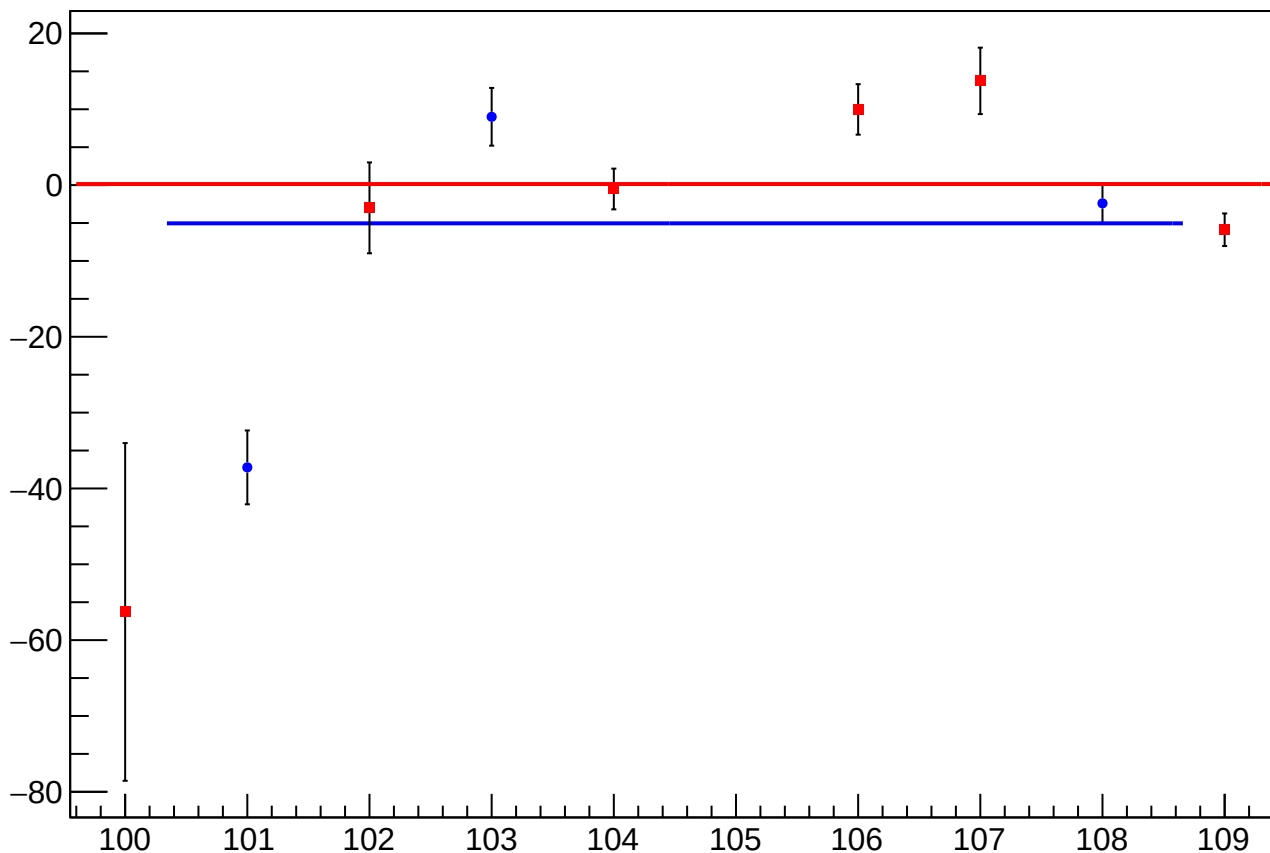
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.493 $\pm$ 0.868 χ^2 /NDF: 2387.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -5.041+/-1.967 χ^2 /NDF: 58.3/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.141+/-1.377 χ^2 /NDF: 33.0/5

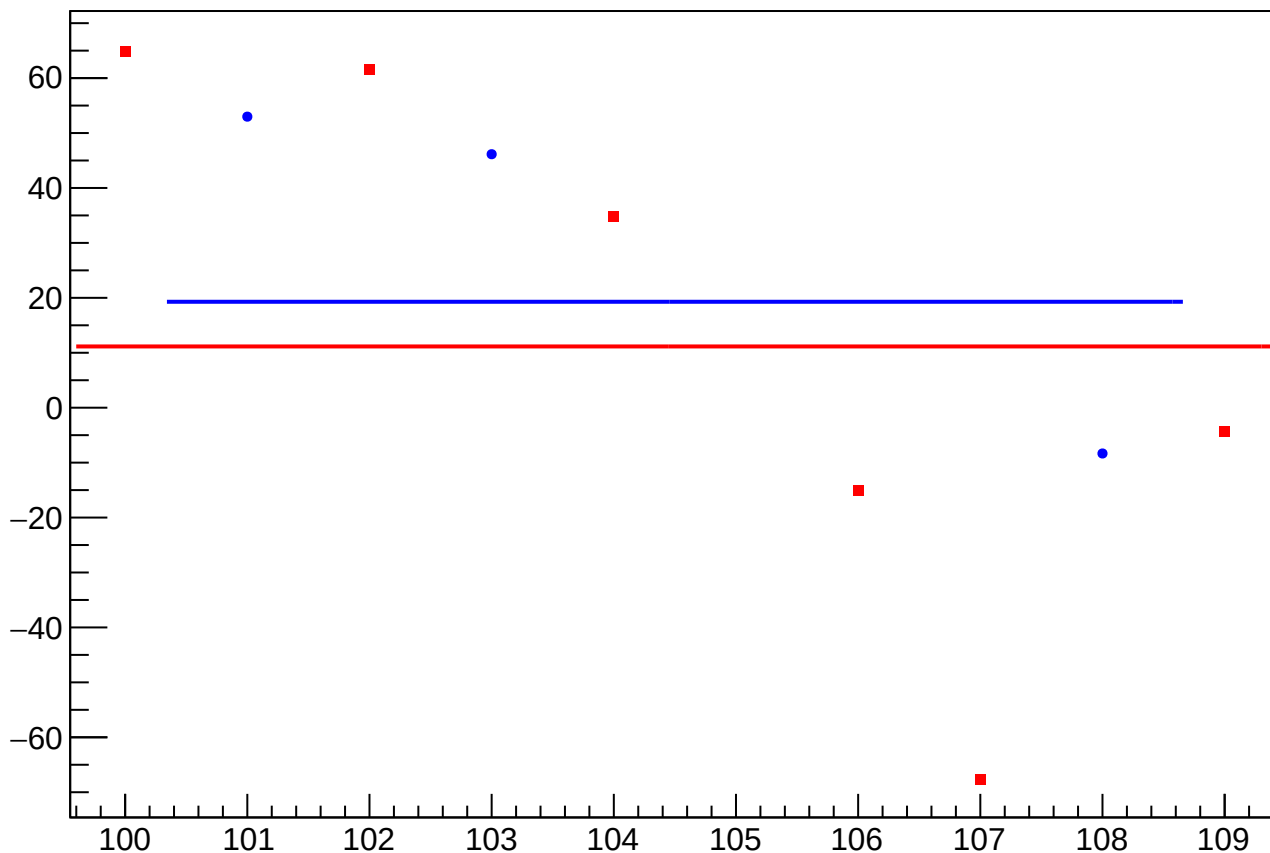
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1.563+/-1.128 χ^2 /NDF: 96.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 19.284+/-0.063 χ^2/NDF : 196201.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.151+/-0.059 χ^2/NDF : 341778.5/5

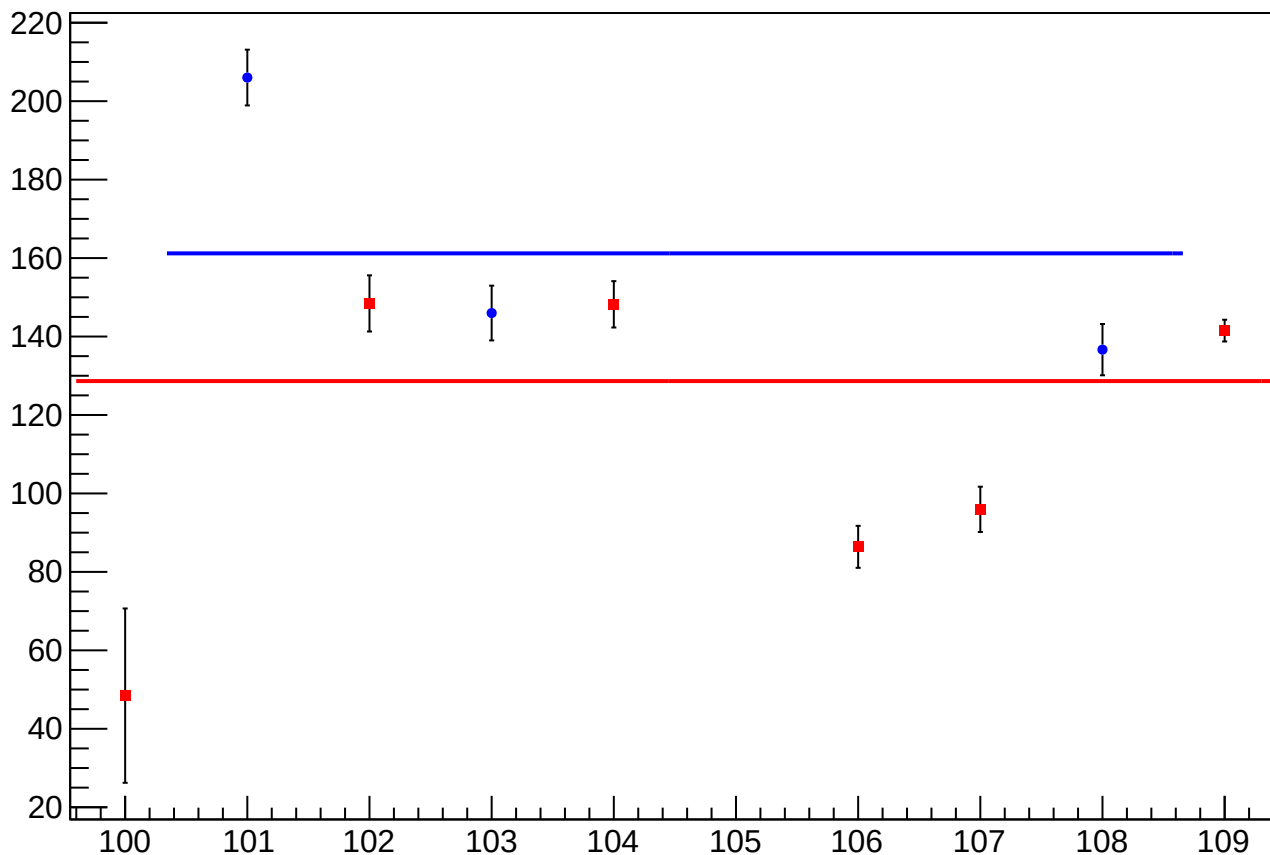
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.942+/-0.043 χ^2/NDF : 546895.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug



Right In: 161.202 $\pm$ 3.961 χ^2 /NDF: 58.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.647 $\pm$ 2.020 χ^2 /NDF: 147.6/5

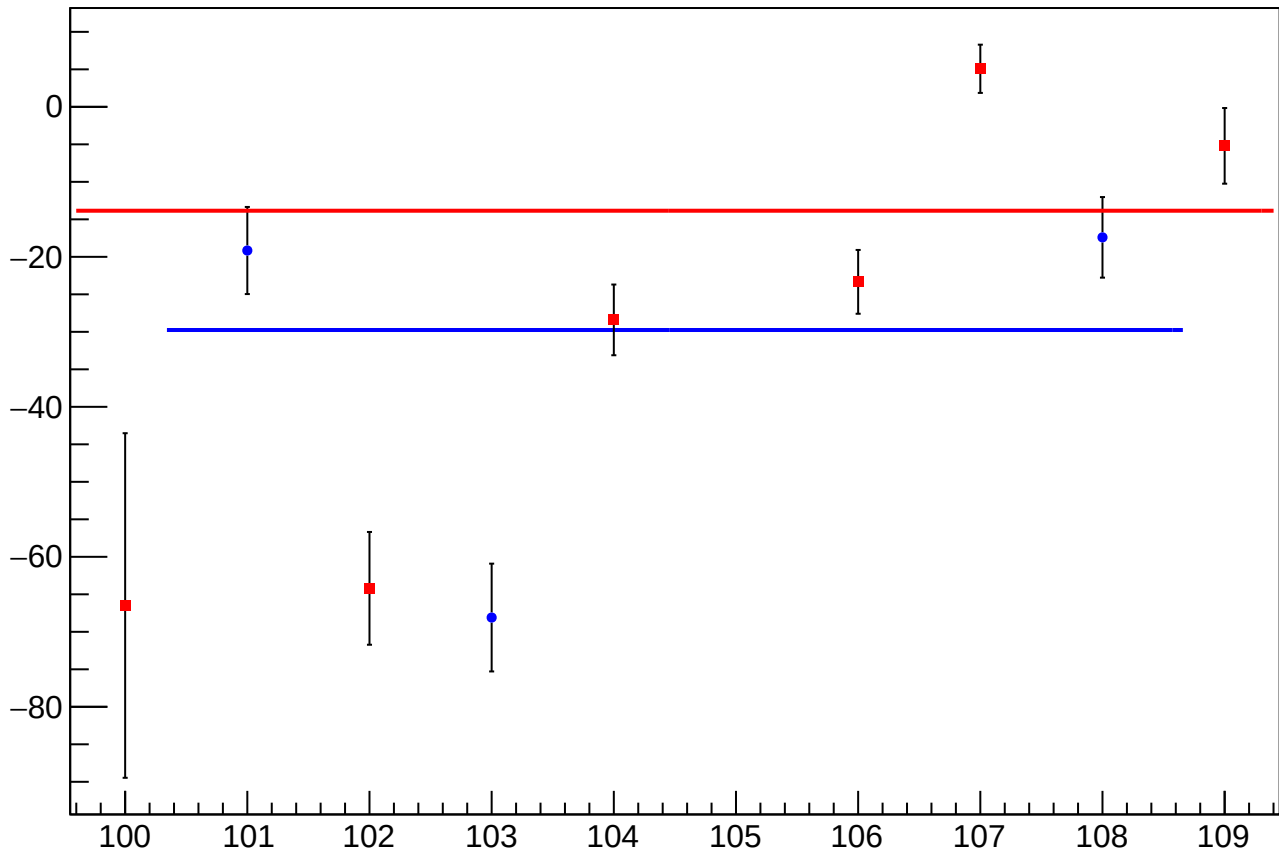
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.364 $\pm$ 1.799 χ^2 /NDF: 259.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -29.756 ± 3.457 χ^2/NDF : 37.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.851 ± 1.977 χ^2/NDF : 102.2/5

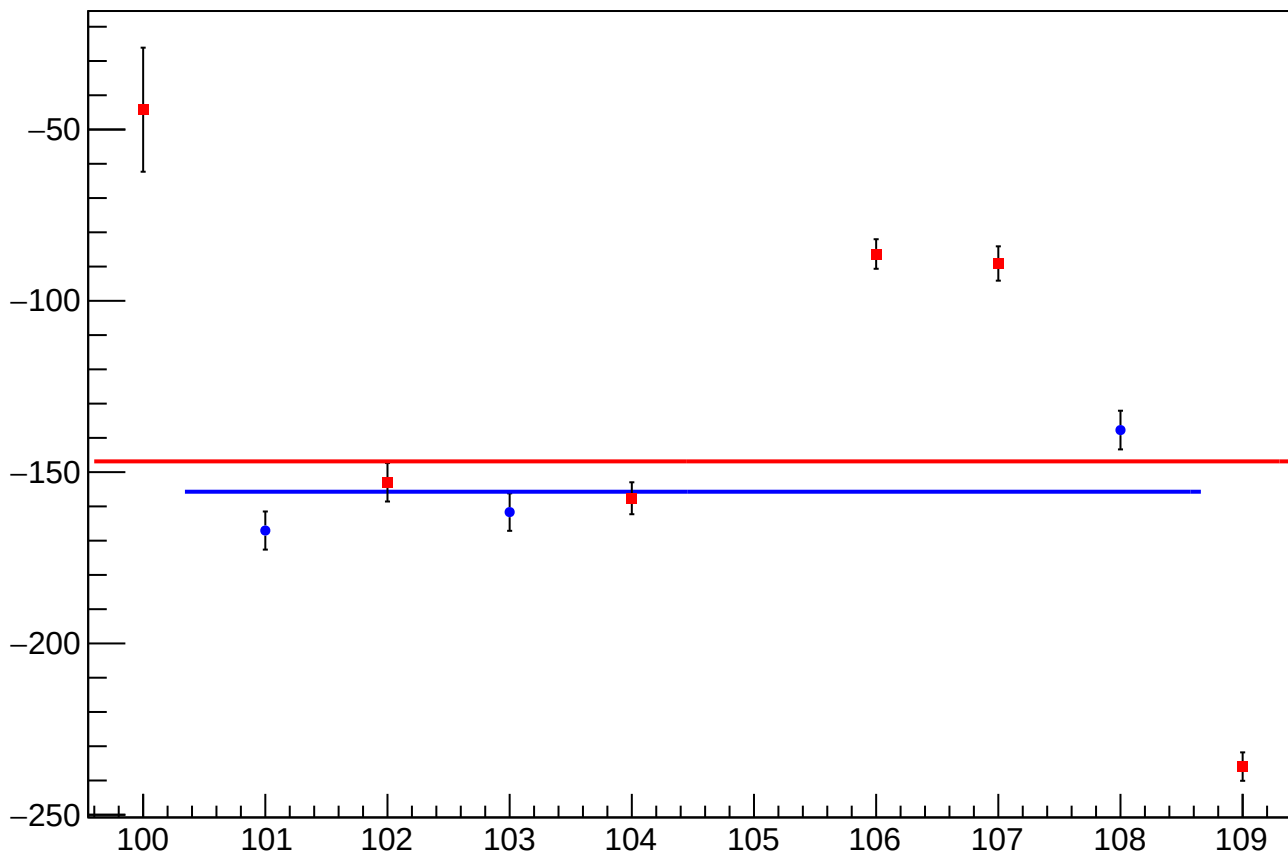
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.771 ± 1.716 χ^2/NDF : 155.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -155.715 ± 3.208 $\chi^2/\text{NDF}: 15.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -146.859 ± 2.074 $\chi^2/\text{NDF}: 829.3/5$

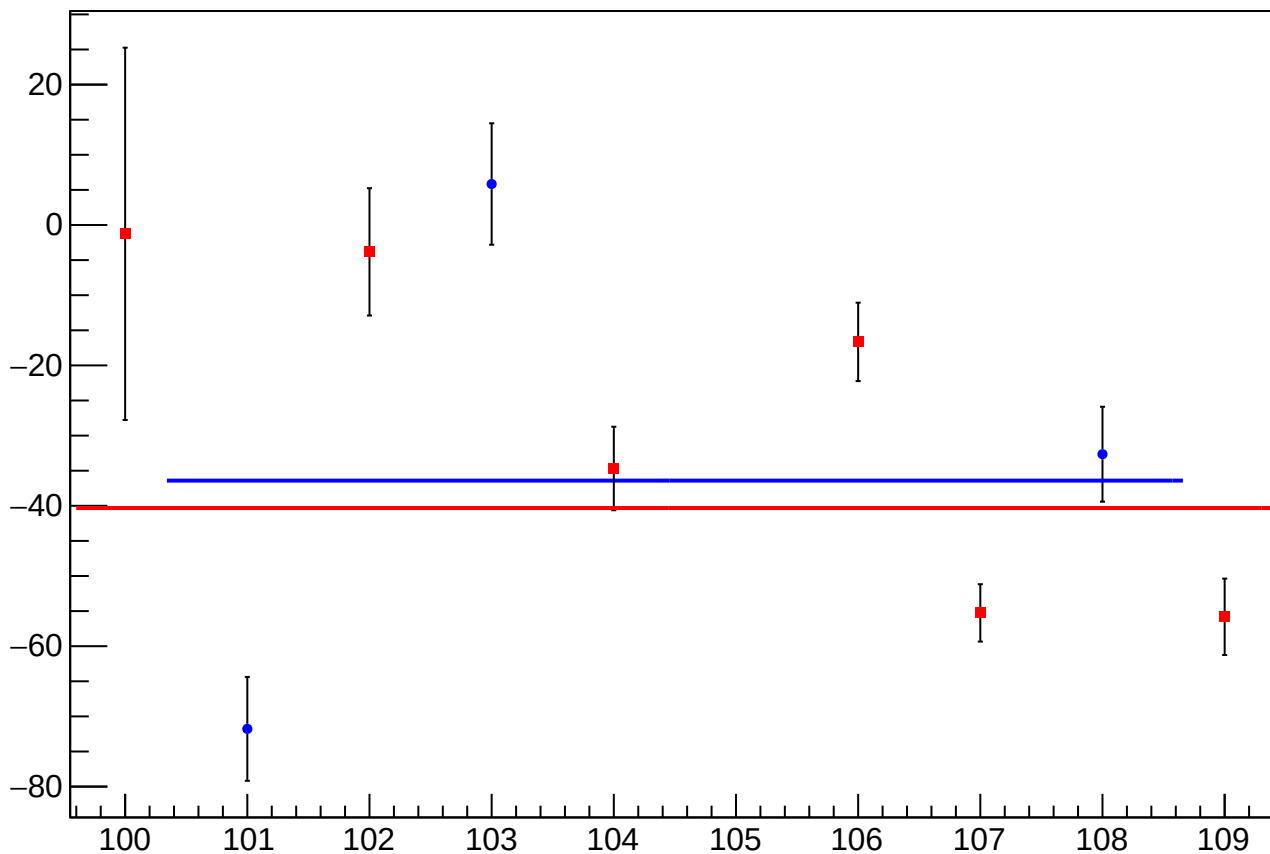
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -149.469 ± 1.742 $\chi^2/\text{NDF}: 850.2/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -36.411 ± 4.323 $\chi^2/\text{NDF}: 47.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.319 ± 2.443 $\chi^2/\text{NDF}: 58.7/5$

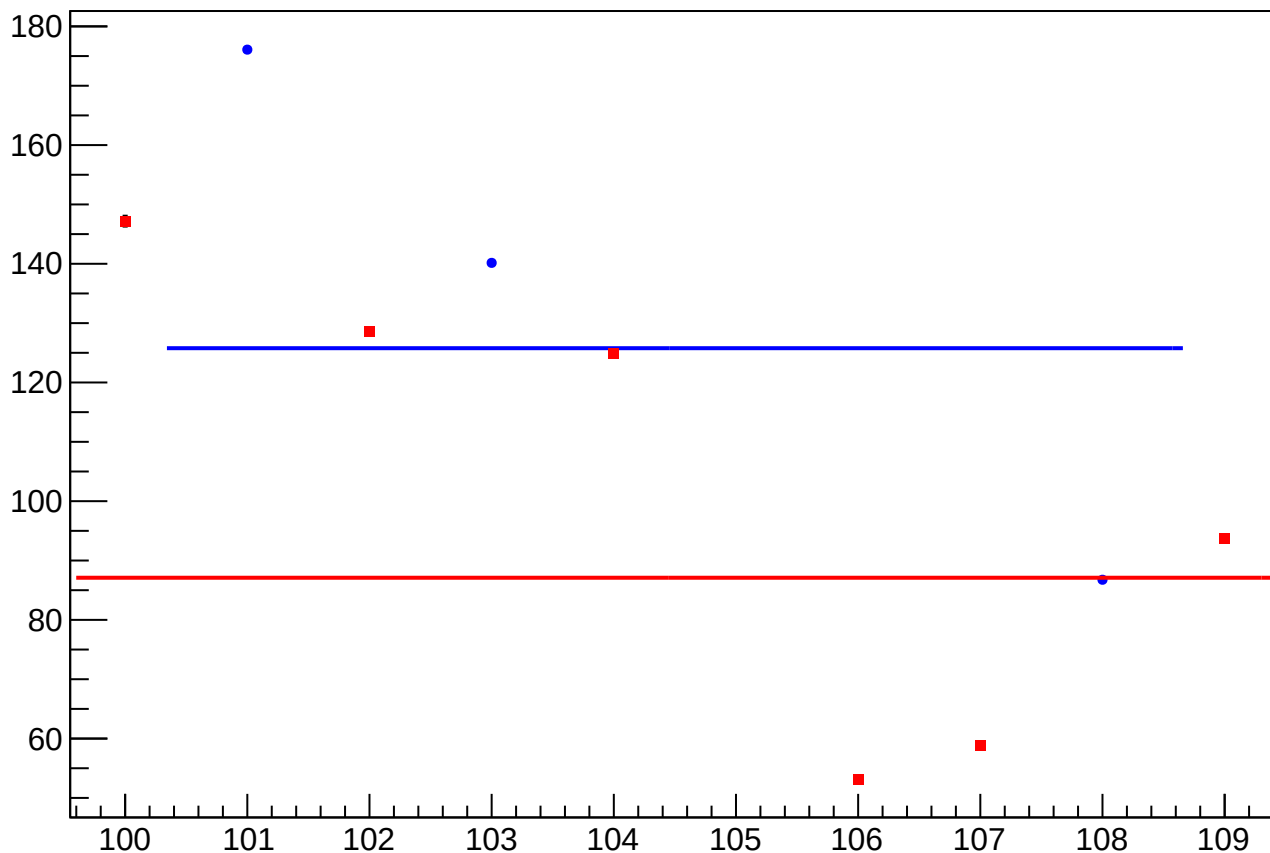
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.373 ± 2.127 $\chi^2/\text{NDF}: 106.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug



Right In: 125.777 $\pm$ 0.147 χ^2 /NDF: 55281.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.100 $\pm$ 0.100 χ^2 /NDF: 111754.3/5

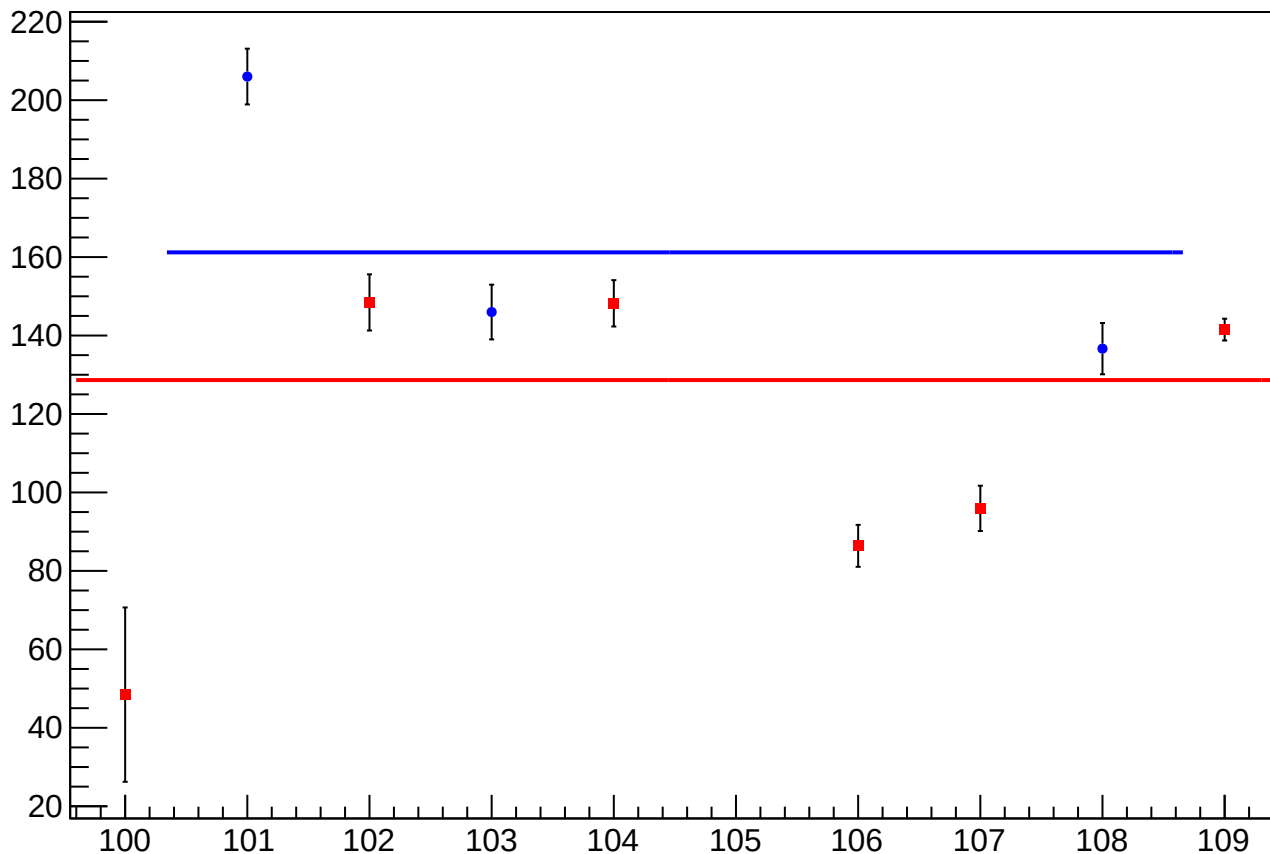
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.370 $\pm$ 0.083 χ^2 /NDF: 214372.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug



Right In: 161.202 $\pm$ 3.961 χ^2 /NDF: 58.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.647 $\pm$ 2.020 χ^2 /NDF: 147.6/5

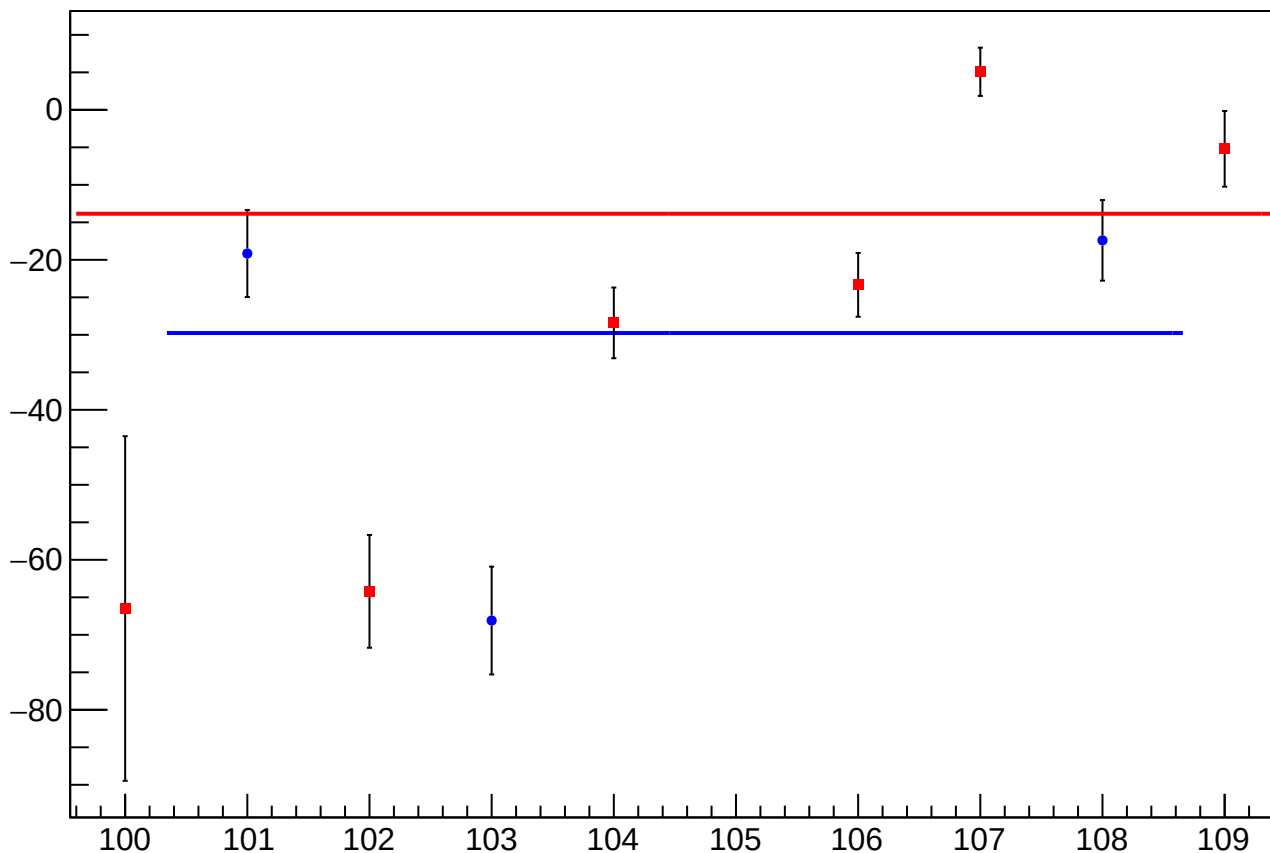
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.364 $\pm$ 1.799 χ^2 /NDF: 259.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -29.756 ± 3.457 χ^2/NDF : 37.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.851 ± 1.977 χ^2/NDF : 102.2/5

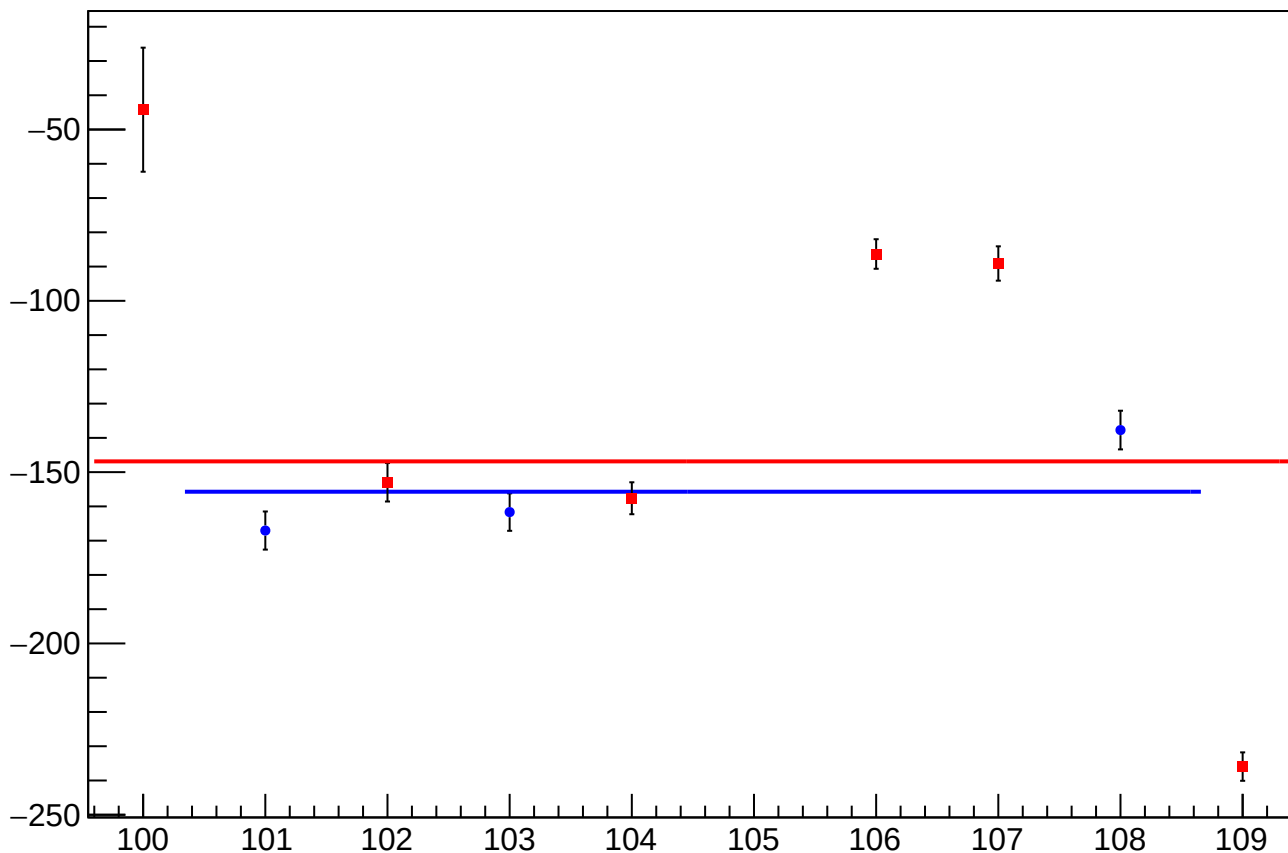
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.771 ± 1.716 χ^2/NDF : 155.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -155.715 ± 3.208 $\chi^2/\text{NDF}: 15.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -146.859 ± 2.074 $\chi^2/\text{NDF}: 829.3/5$

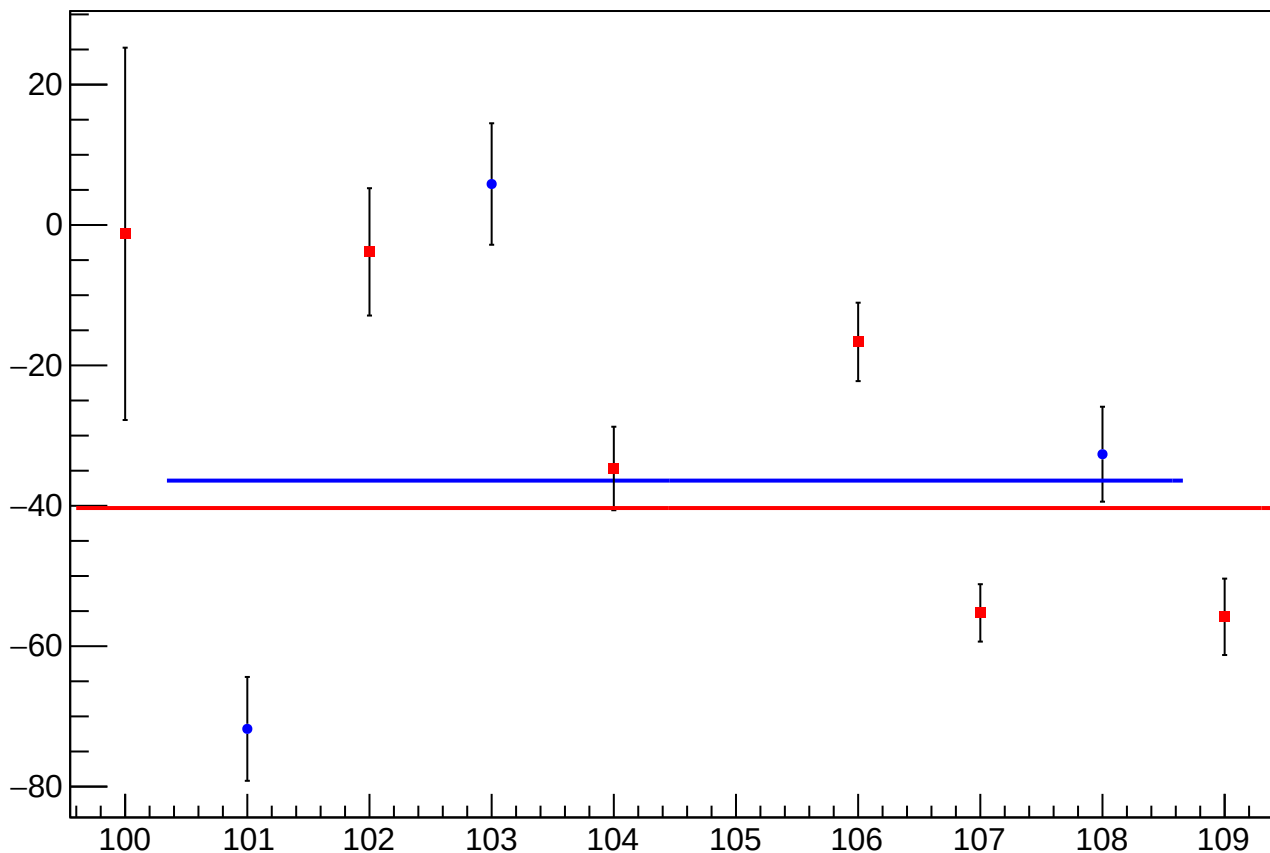
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -149.469 ± 1.742 $\chi^2/\text{NDF}: 850.2/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug



Right In: -36.411 $\pm$ 4.323 χ^2 /NDF: 47.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.319 $\pm$ 2.443 χ^2 /NDF: 58.7/5

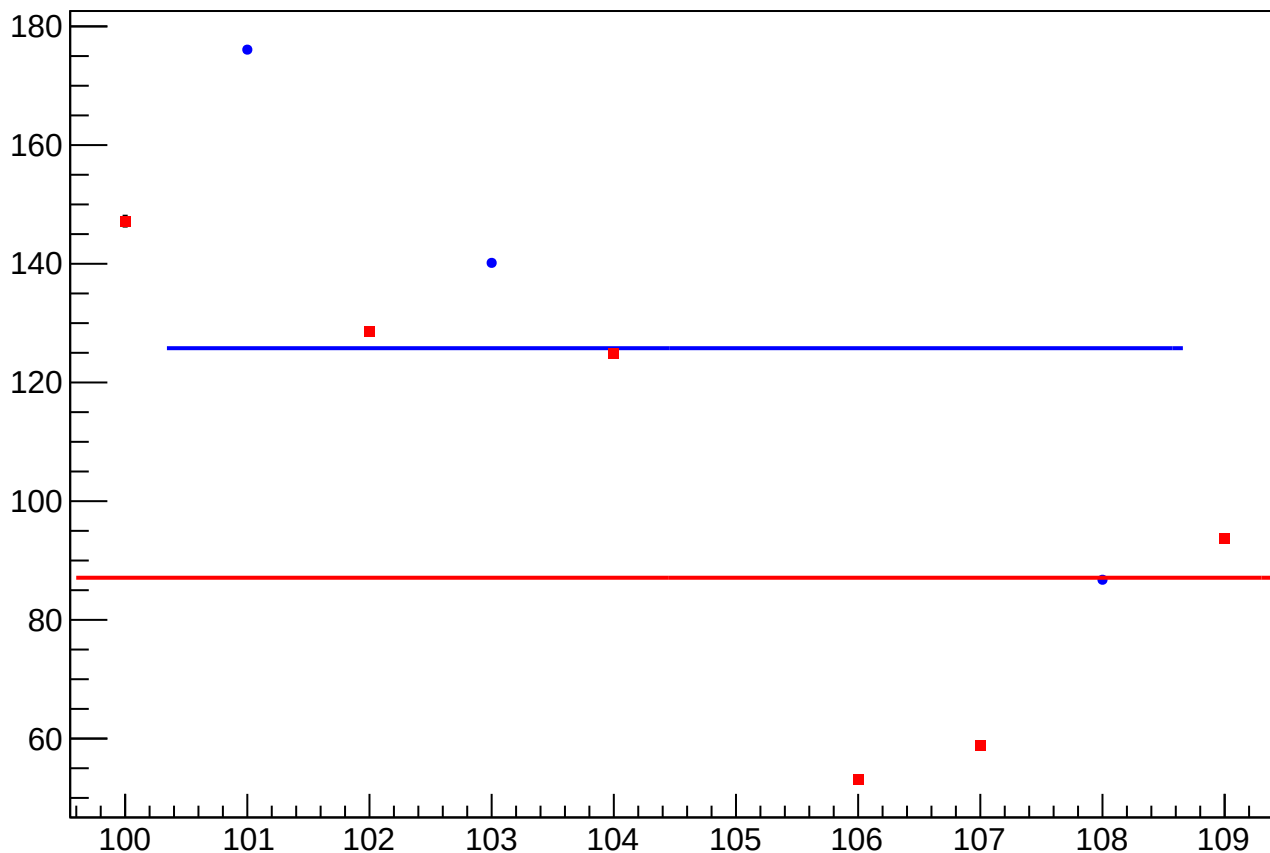
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -39.373 $\pm$ 2.127 χ^2 /NDF: 106.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug



Right In: 125.777 $\pm$ 0.147 χ^2 /NDF: 55281.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 87.100 $\pm$ 0.100 χ^2 /NDF: 111754.3/5

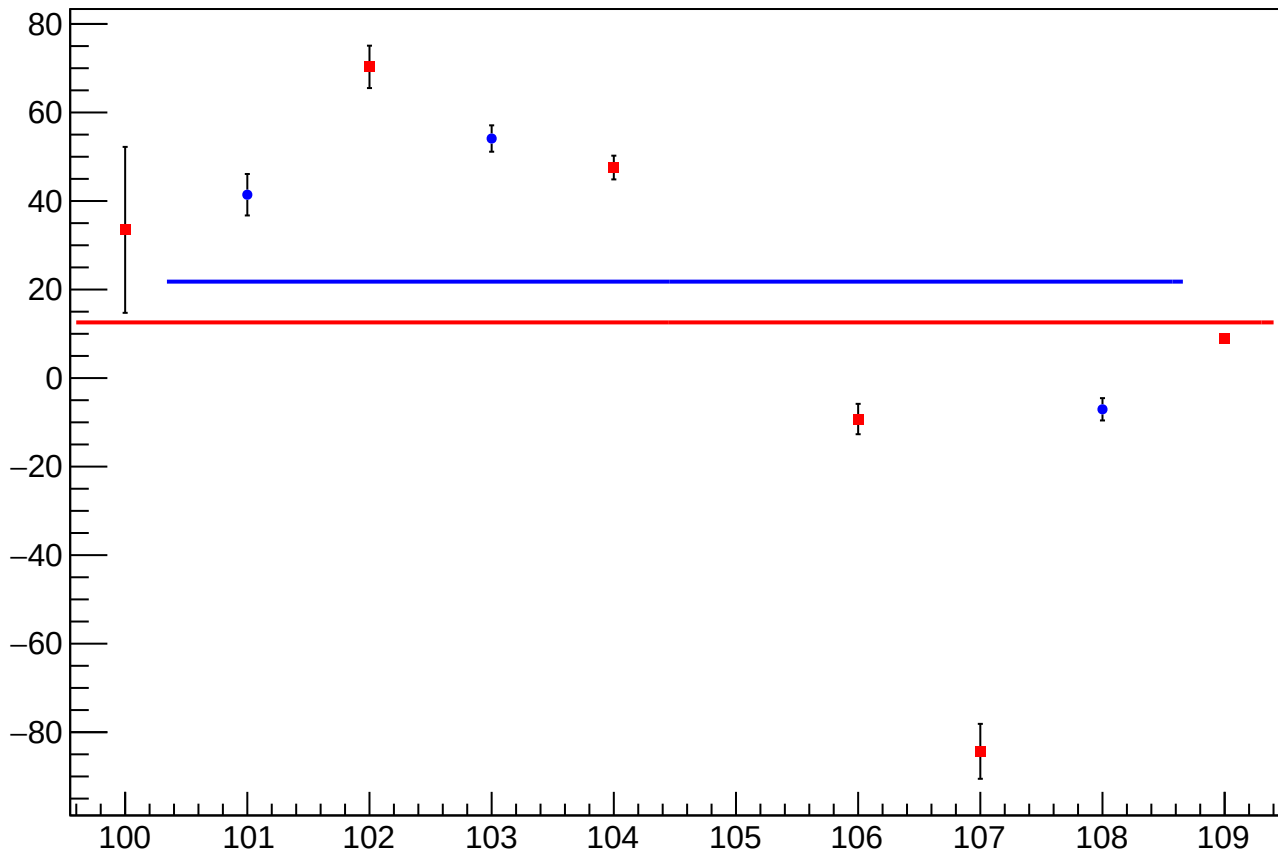
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 99.370 $\pm$ 0.083 χ^2 /NDF: 214372.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug



Right In: 21.788+/-1.780 χ^2/NDF : 266.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.575+/-0.932 χ^2/NDF : 612.4/5

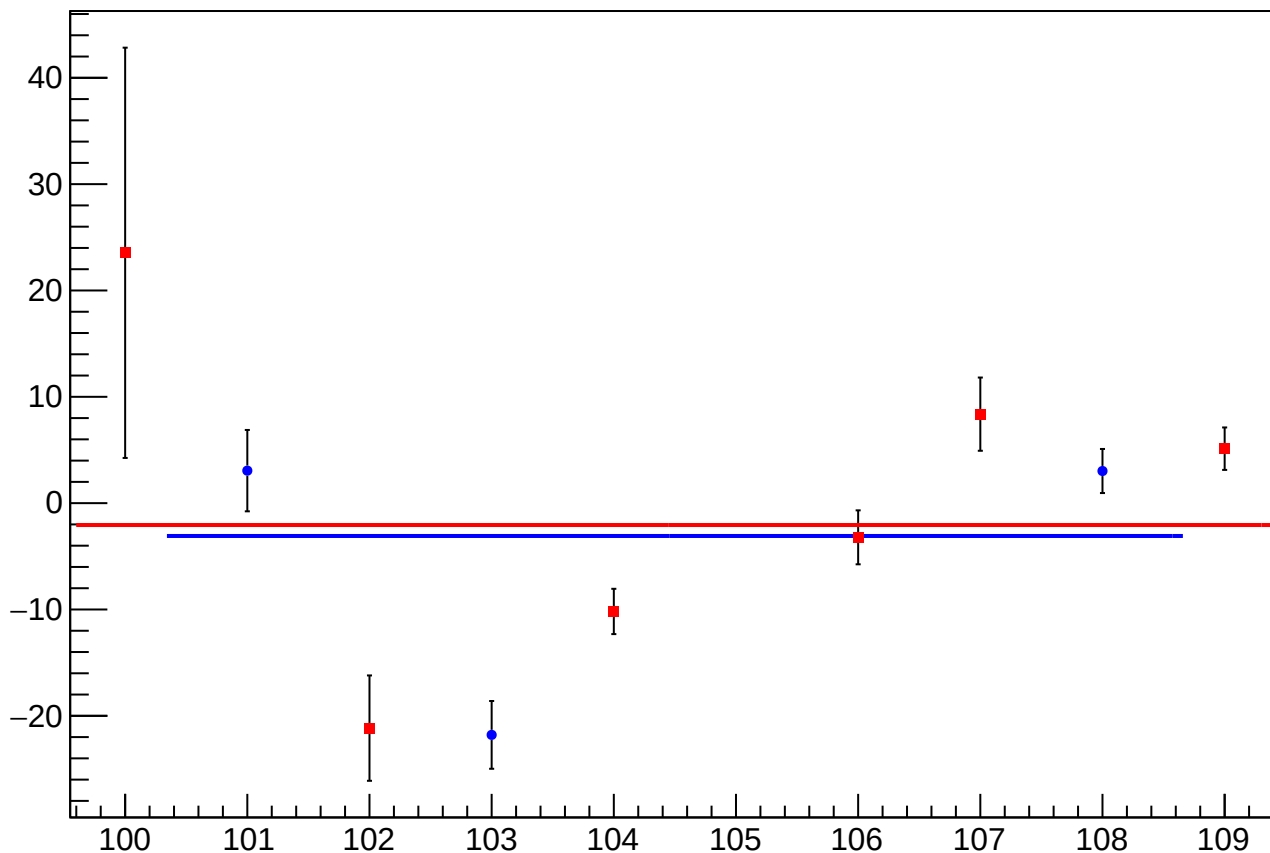
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.557+/-0.826 χ^2/NDF : 899.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -3.087 $\pm$ 1.582 χ^2 /NDF: 45.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.056 $\pm$ 1.151 χ^2 /NDF: 53.5/5

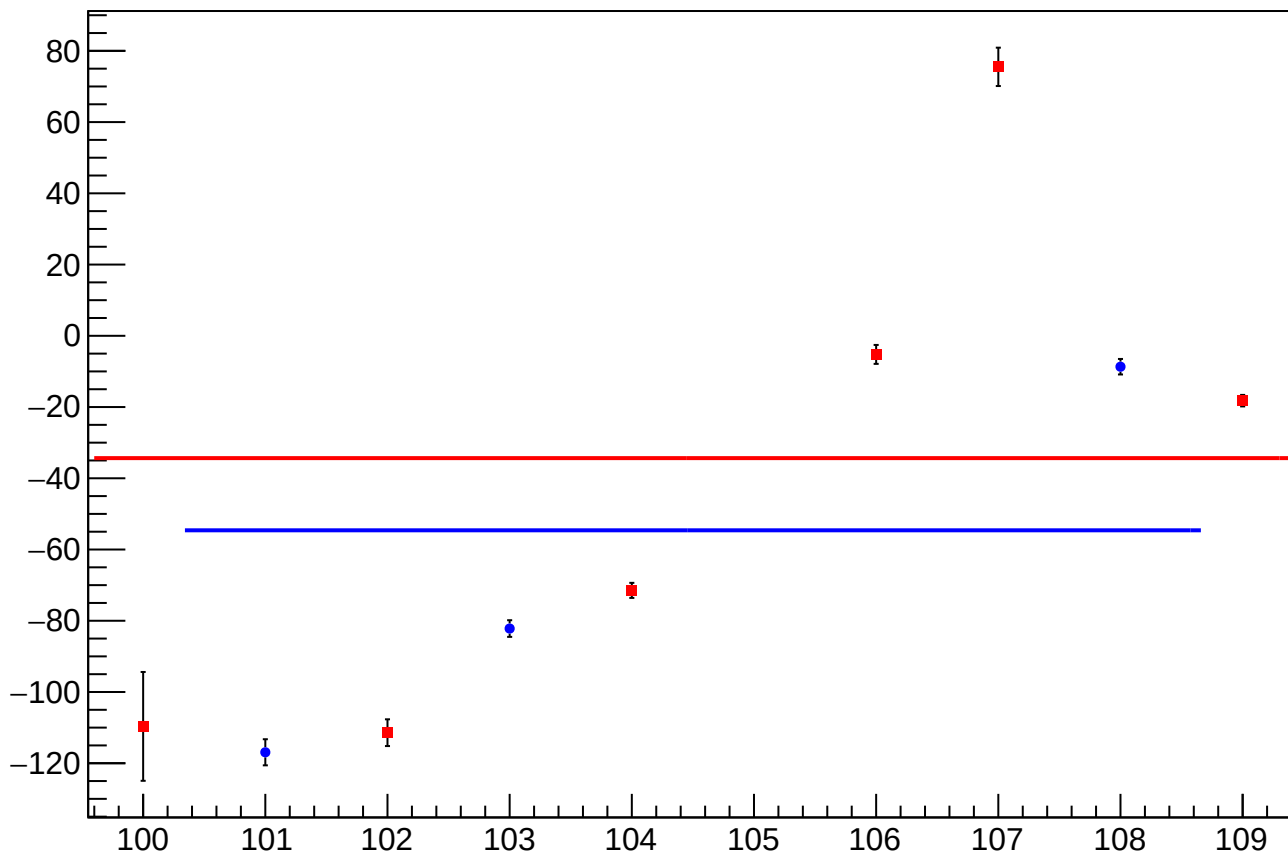
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.413 $\pm$ 0.931 χ^2 /NDF: 99.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -54.607 $\pm$ 1.462 χ^2 /NDF: 873.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -34.340 $\pm$ 1.079 χ^2 /NDF: 1390.1/5

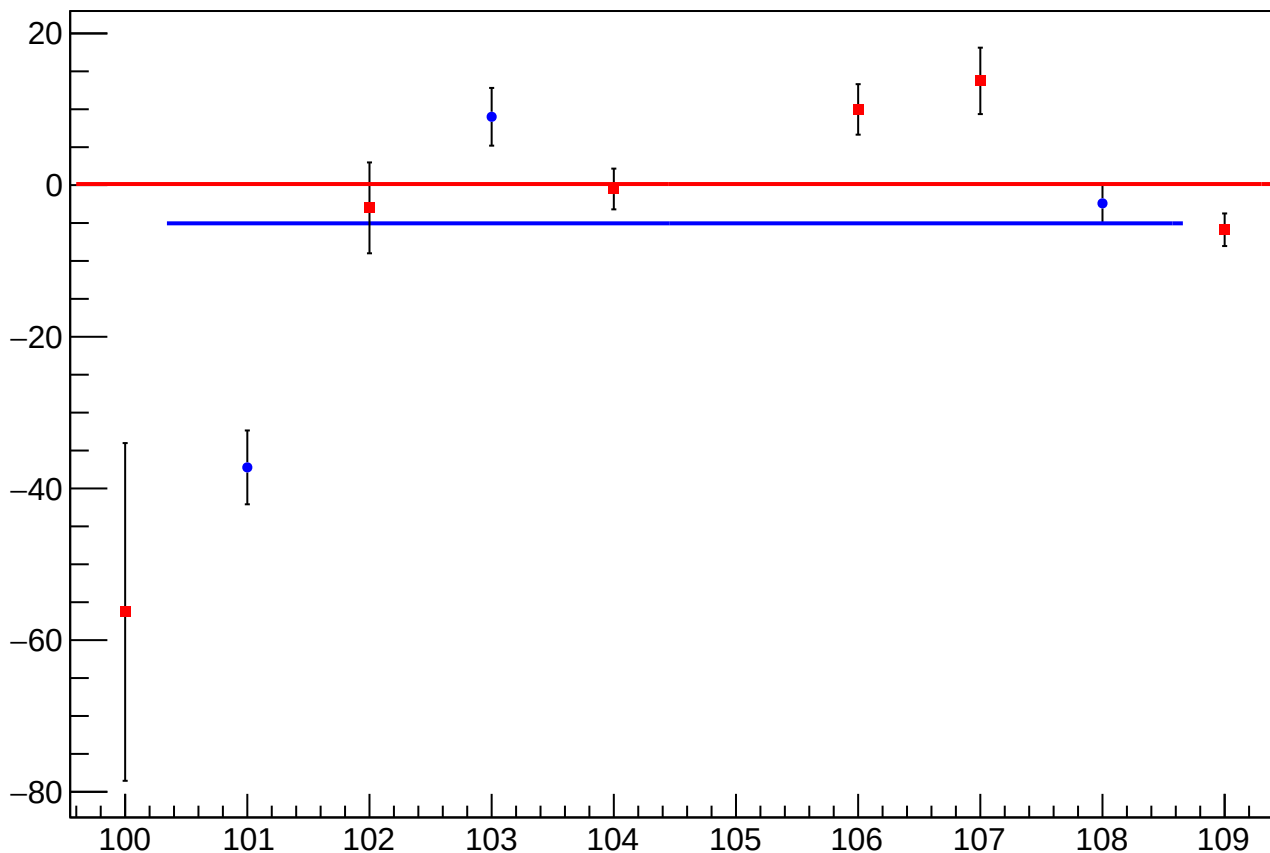
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -41.493 $\pm$ 0.868 χ^2 /NDF: 2387.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -5.041+/-1.967 χ^2/NDF : 58.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.141+/-1.377 χ^2/NDF : 33.0/5

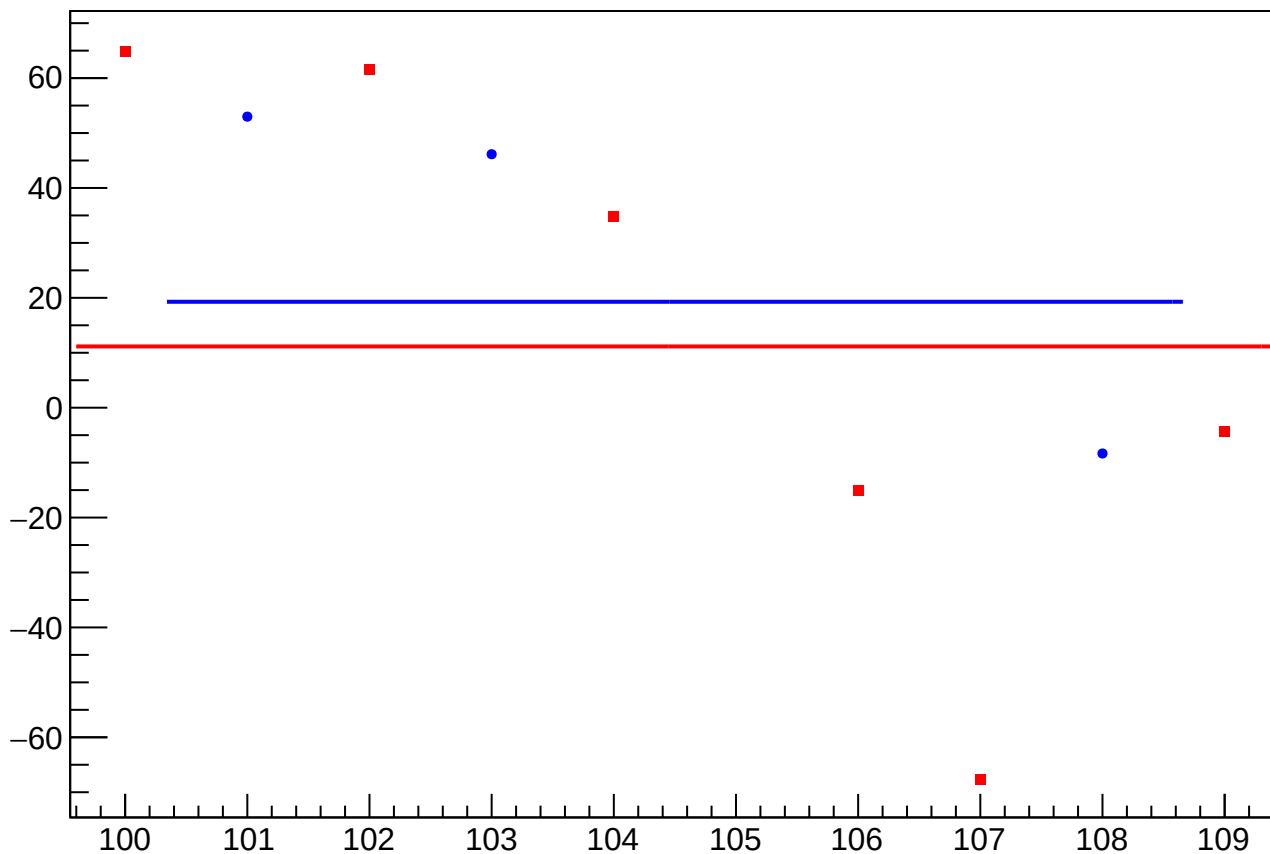
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.563+/-1.128 χ^2/NDF : 96.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug



Right In: 19.284 $\pm$ 0.063 χ^2 /NDF: 196201.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.151 $\pm$ 0.059 χ^2 /NDF: 341778.5/5

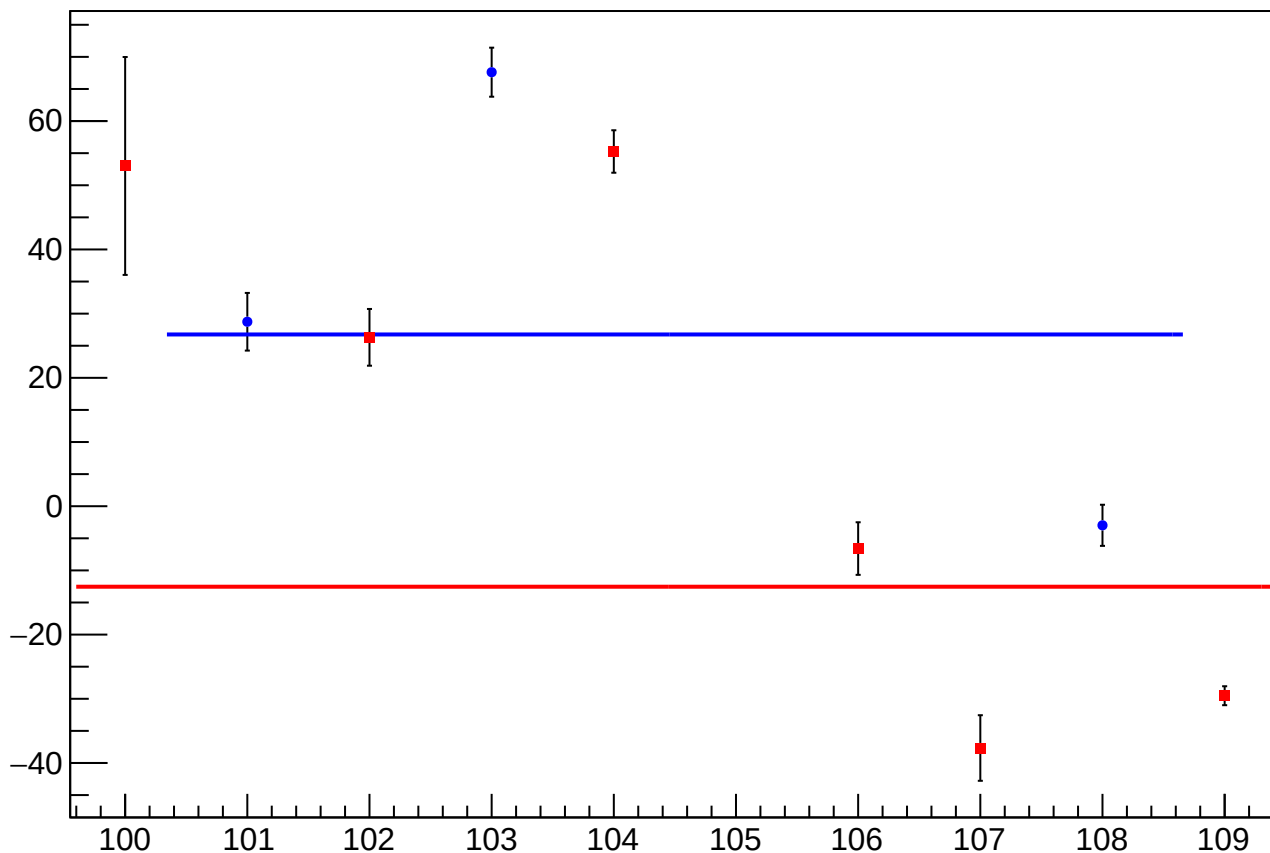
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.942 $\pm$ 0.043 χ^2 /NDF: 546895.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug



Right In: 26.756 $\pm$ 2.154 χ^2 /NDF: 200.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.541 $\pm$ 1.192 χ^2 /NDF: 670.9/5

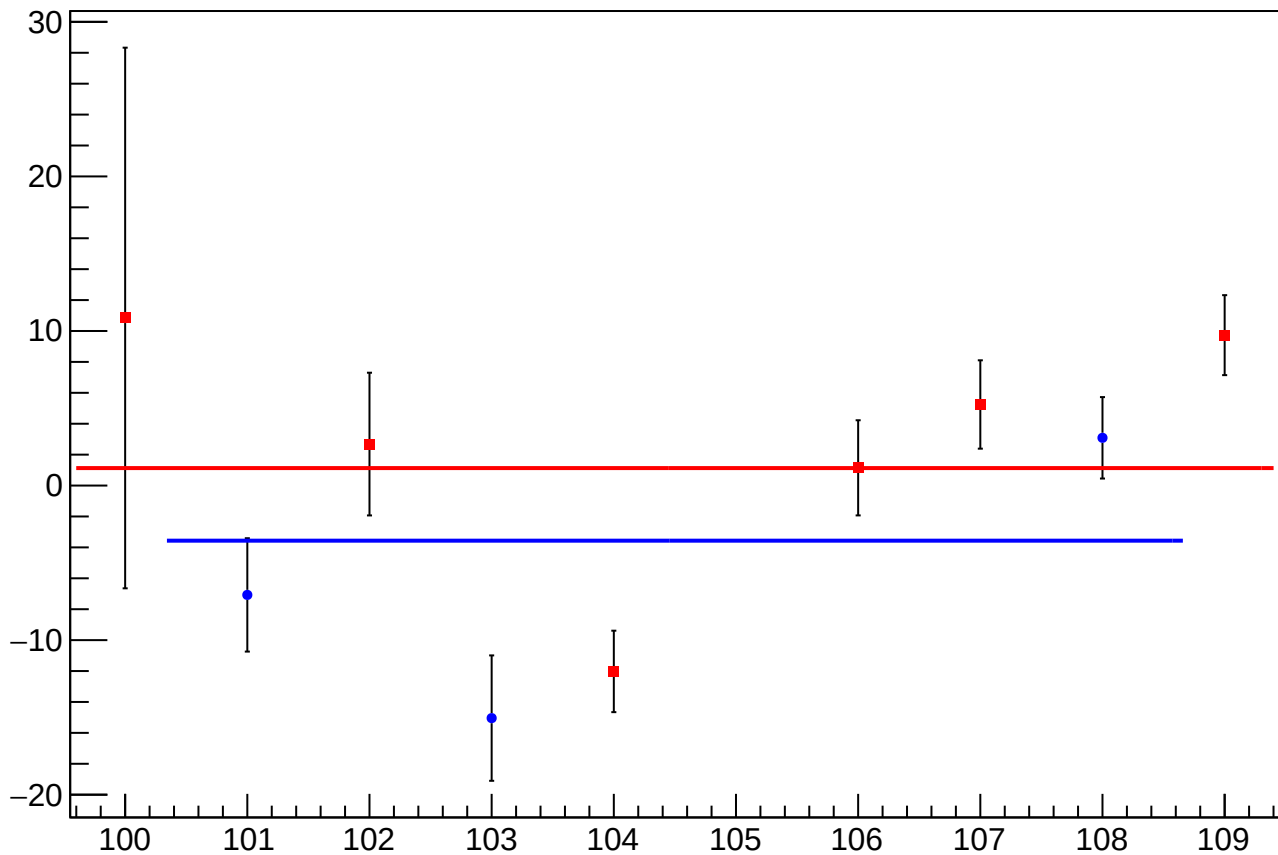
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.322 $\pm$ 1.043 χ^2 /NDF: 1126.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -3.566 $\pm$ 1.892 χ^2 /NDF: 15.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.131 $\pm$ 1.323 χ^2 /NDF: 38.5/5

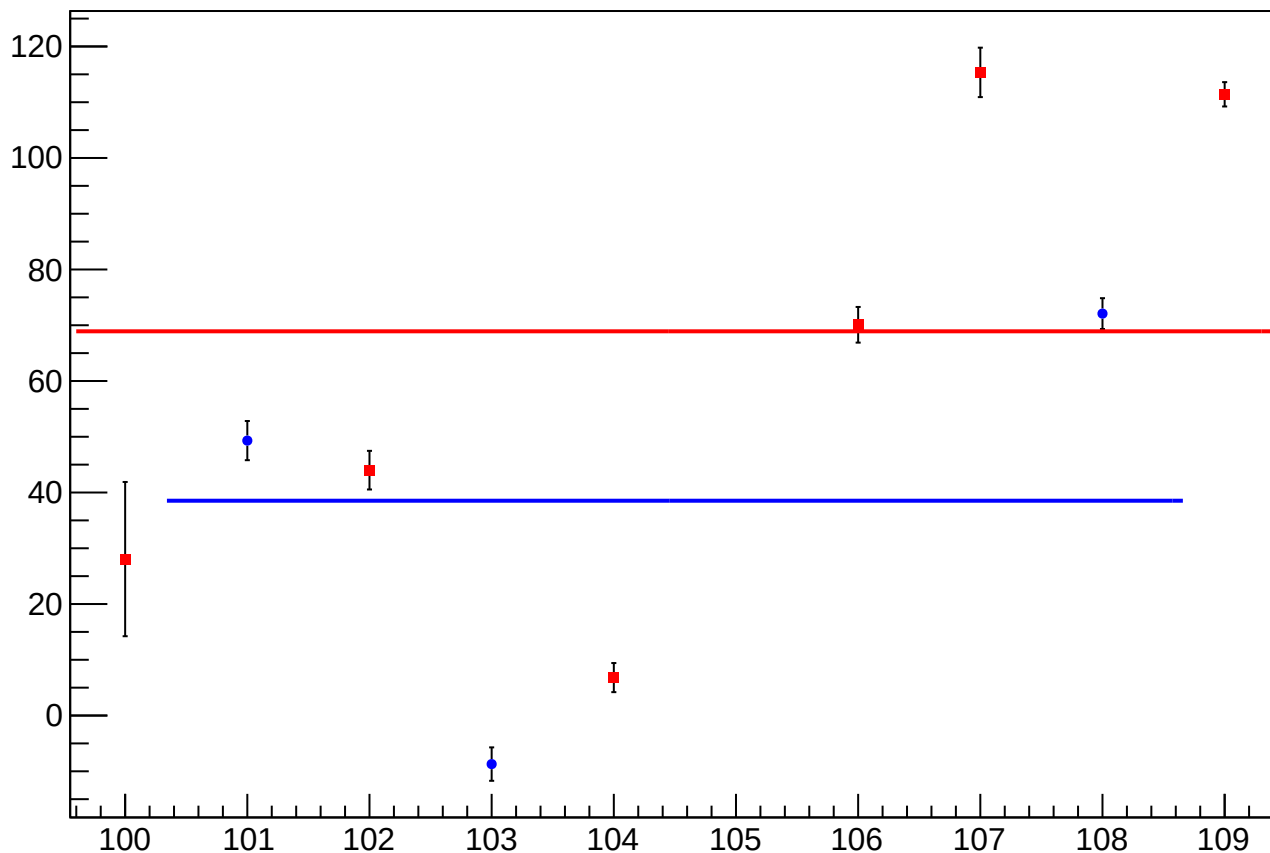
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.411 $\pm$ 1.084 χ^2 /NDF: 57.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



Right In: 38.529+/-1.760 χ^2 /NDF: 405.0/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 68.912+/-1.298 χ^2 /NDF: 1115.9/5

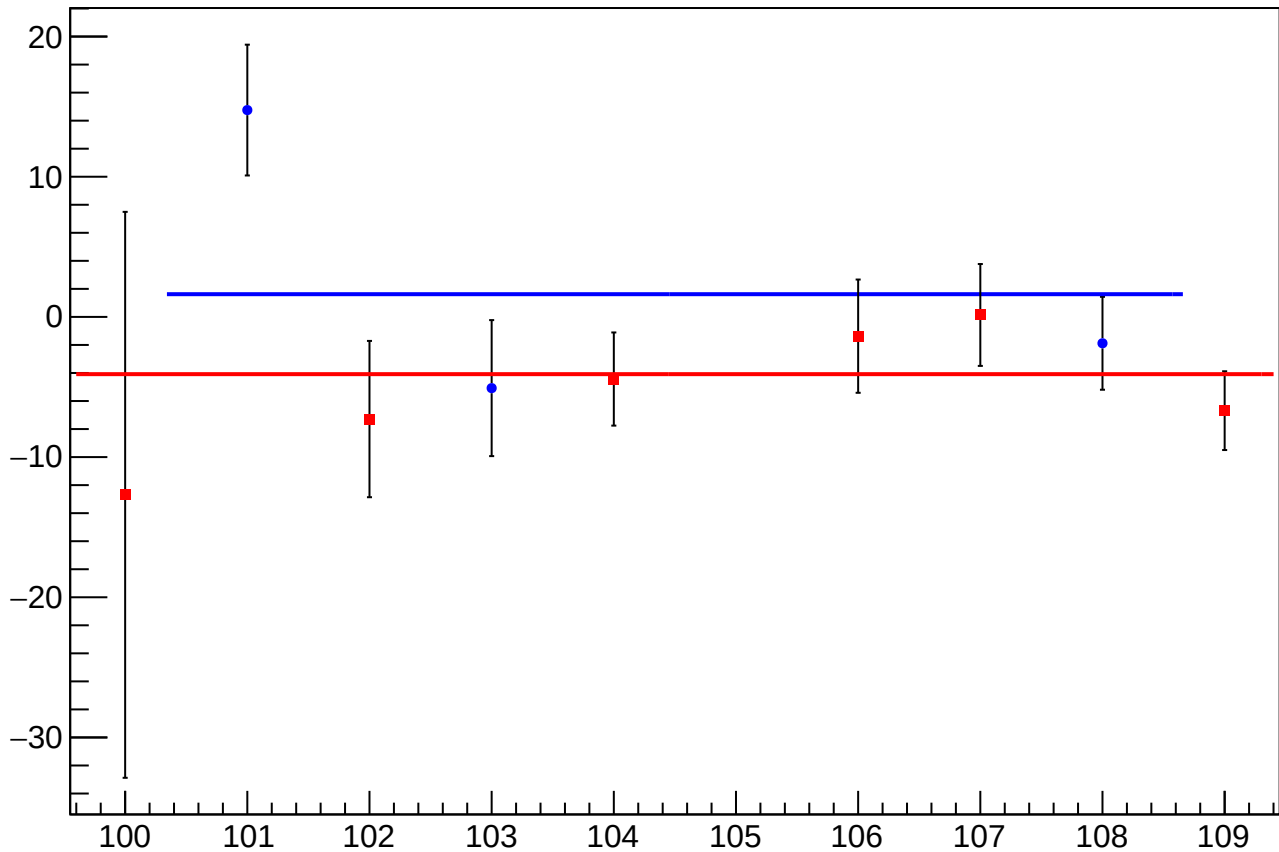
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 58.210+/-1.044 χ^2 /NDF: 1714.0/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 1.621+/-2.361 χ^2/NDF : 10.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.083+/-1.604 χ^2/NDF : 3.2/5

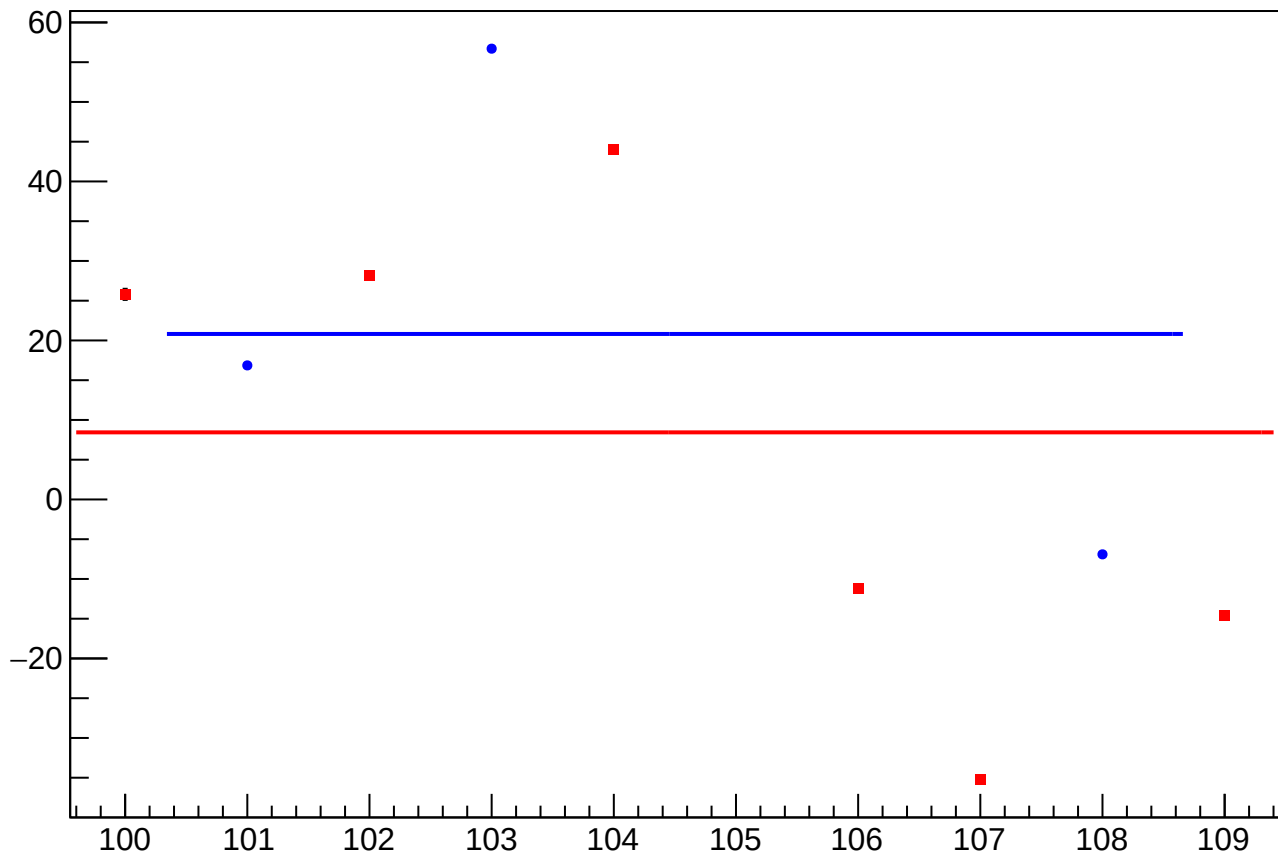
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.282+/-1.326 χ^2/NDF : 18.1/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug



Right In: 20.816+/-0.078 χ^2/NDF : 142005.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.439+/-0.067 χ^2/NDF : 194741.9/5

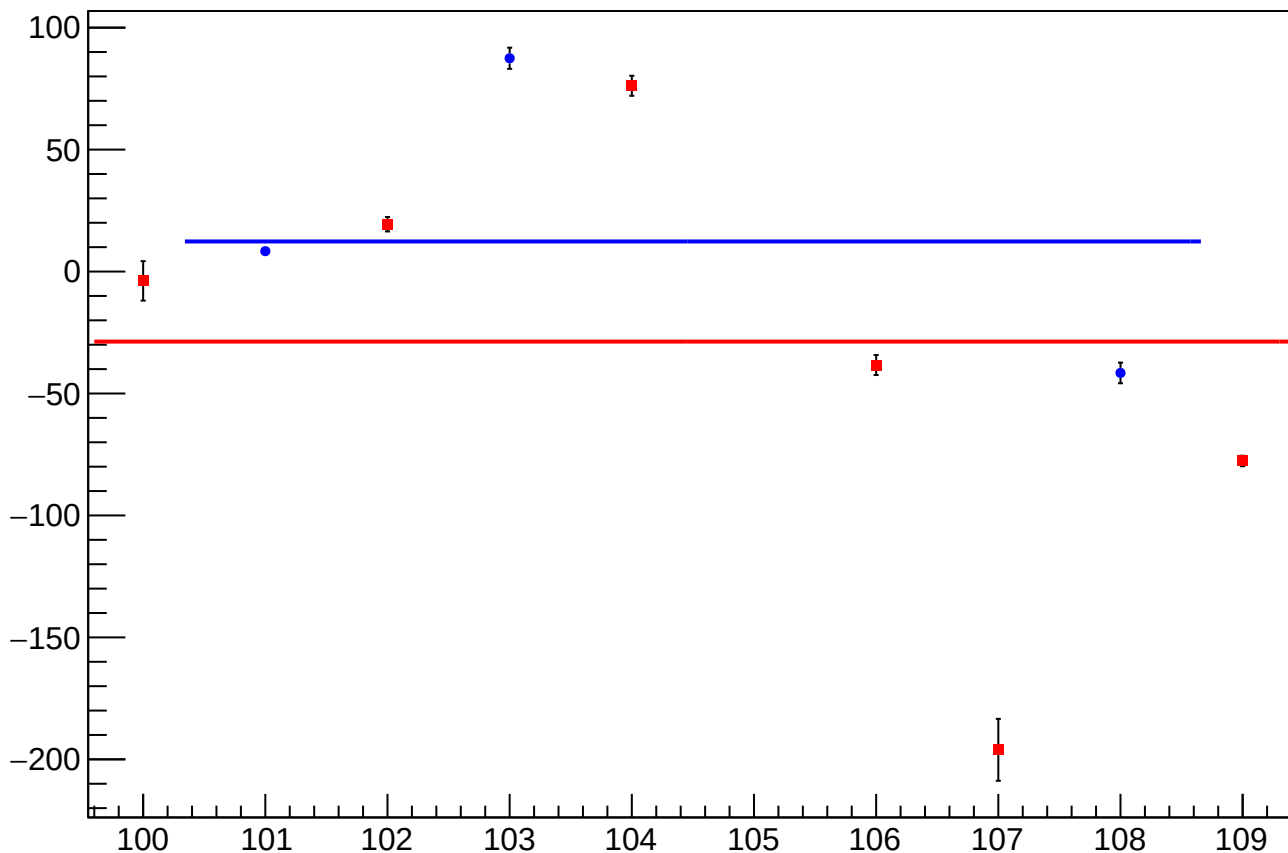
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.685+/-0.051 χ^2/NDF : 351283.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: 12.340 $\pm$ 1.675 χ^2 /NDF: 464.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -28.717 $\pm$ 1.461 χ^2 /NDF: 1617.3/5

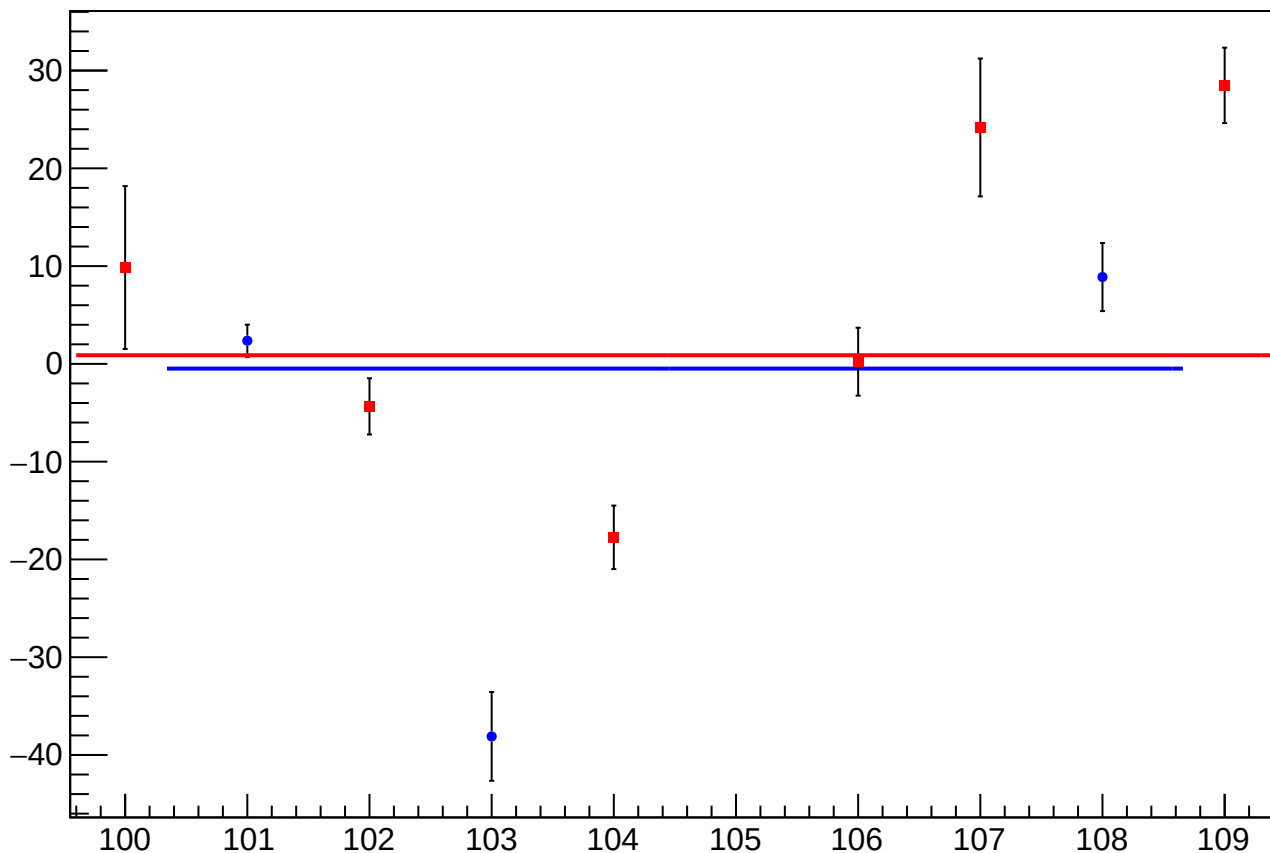
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.972 $\pm$ 1.101 χ^2 /NDF: 2423.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: -0.482 ± 1.413 $\chi^2/\text{NDF}: 78.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.885 ± 1.581 $\chi^2/\text{NDF}: 99.5/5$

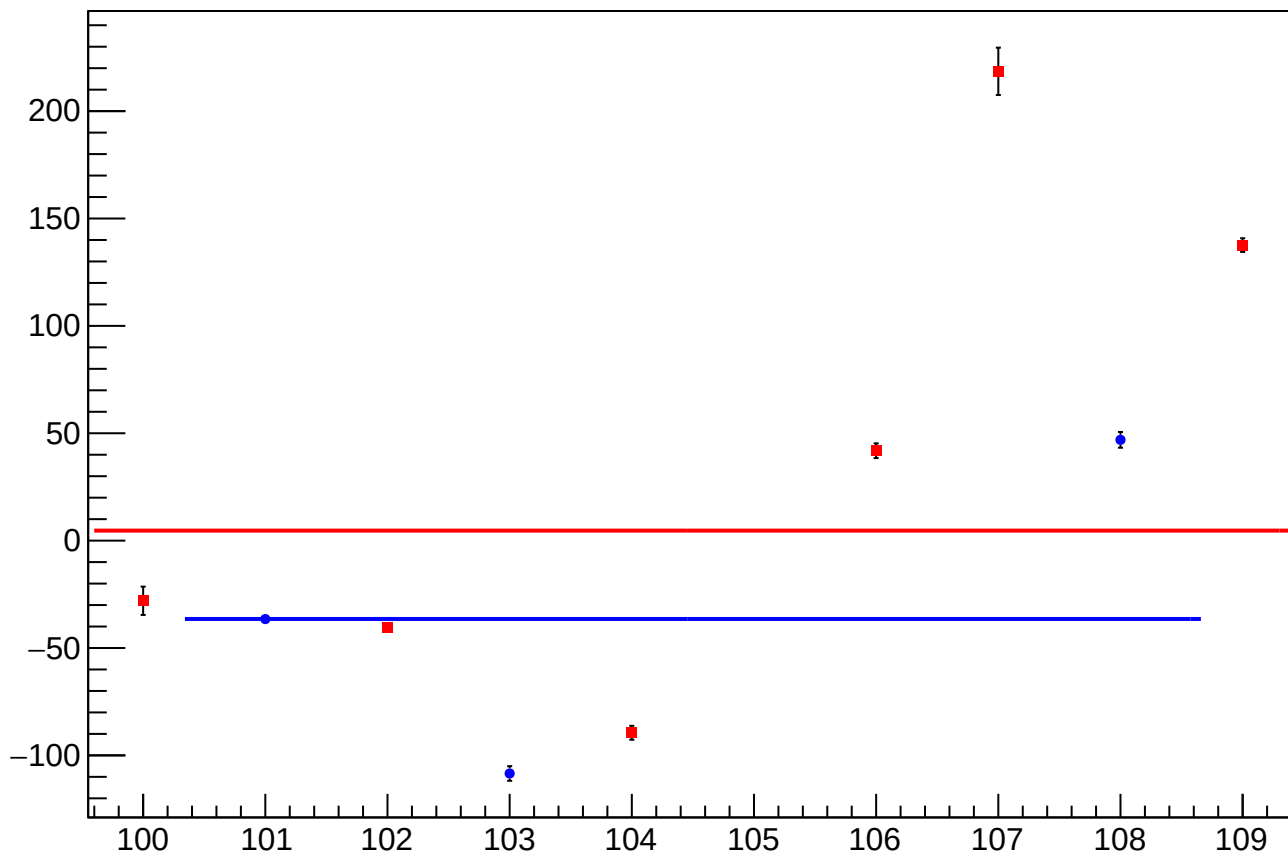
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.125 ± 1.054 $\chi^2/\text{NDF}: 178.8/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: -36.479+/-1.330 χ^2/NDF : 964.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.669+/-1.418 χ^2/NDF : 3492.7/5

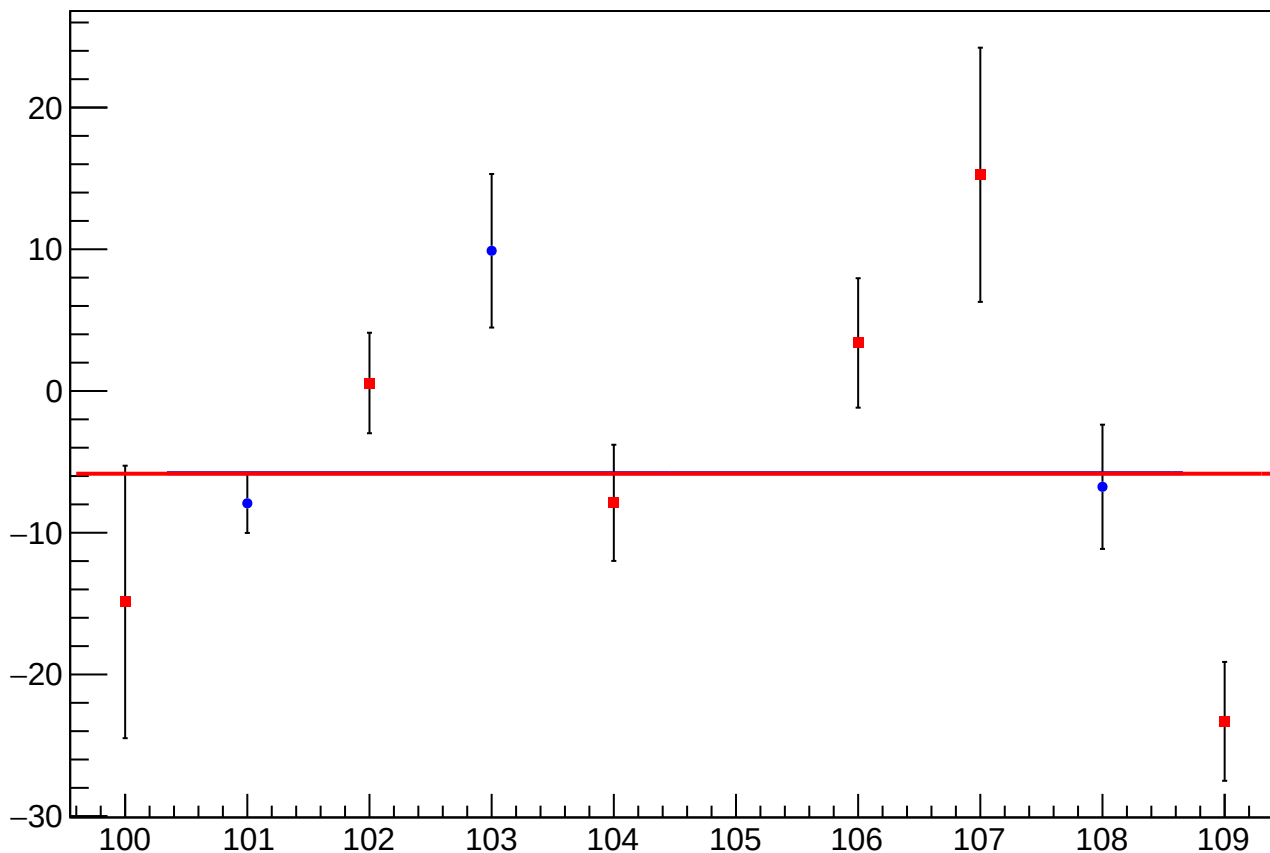
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.228+/-0.970 χ^2/NDF : 4905.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -5.800 $\pm$ 1.783 χ^2 /NDF: 9.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.835 $\pm$ 1.935 χ^2 /NDF: 31.4/5

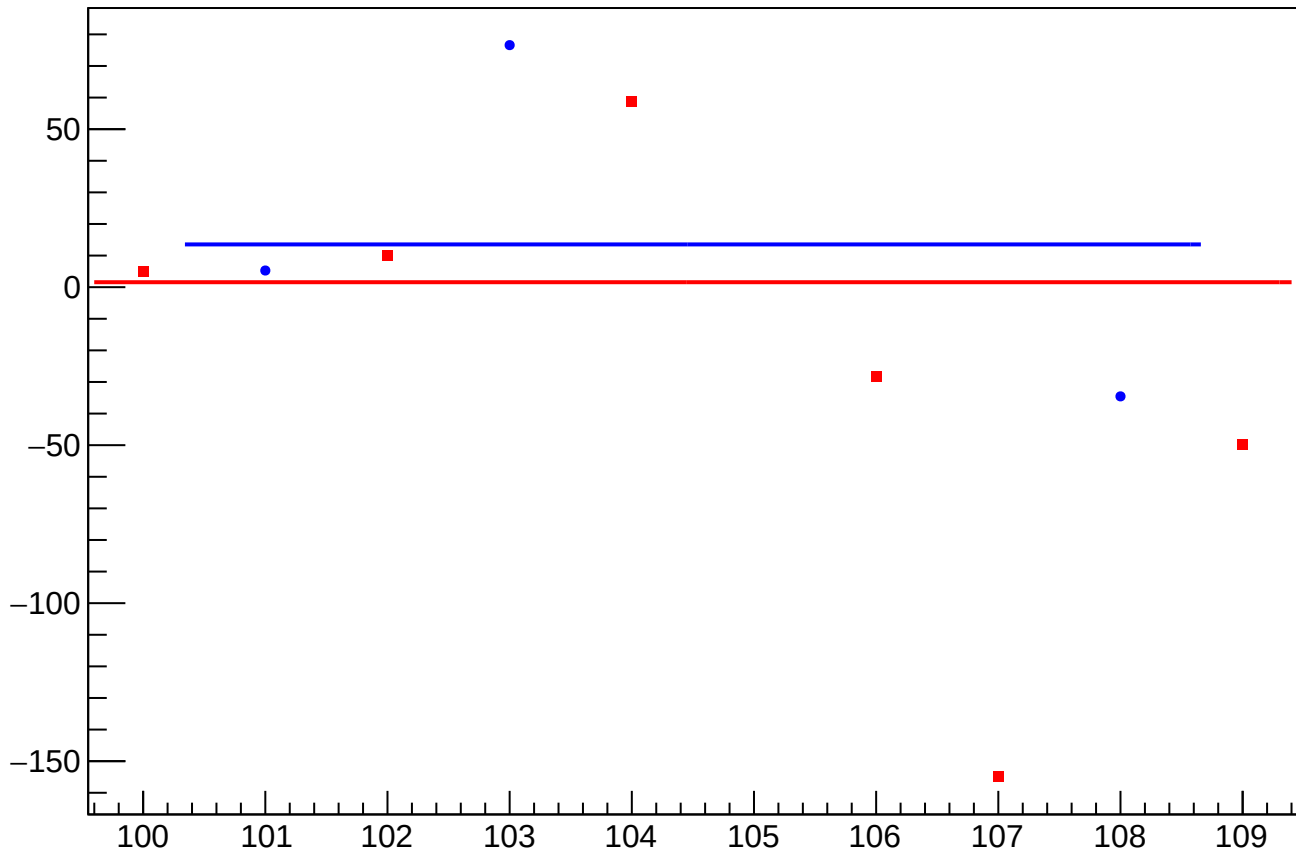
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.816 $\pm$ 1.311 χ^2 /NDF: 40.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: 13.531+/-0.069 χ^2/NDF : 307453.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.570+/-0.069 χ^2/NDF : 355661.0/5

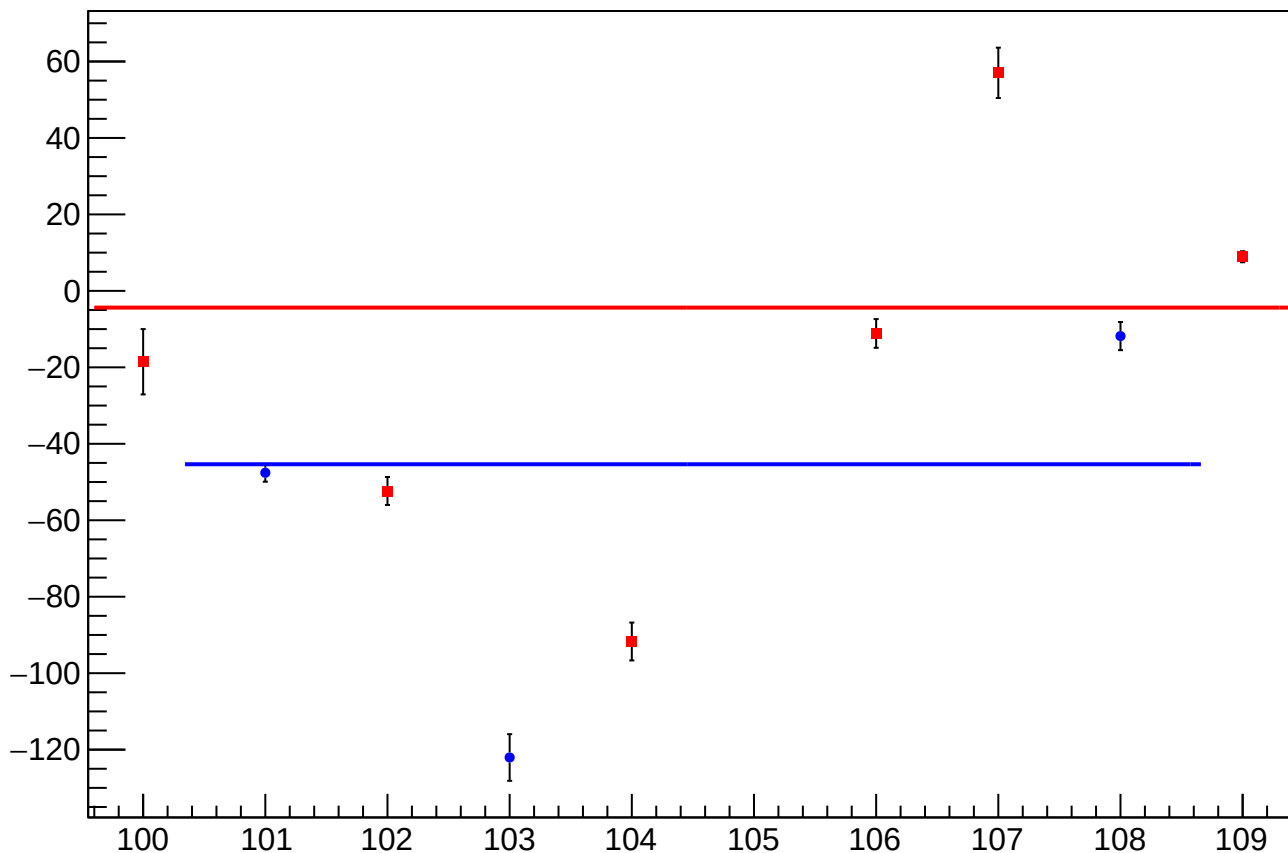
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.523+/-0.049 χ^2/NDF : 678109.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -45.350 $\pm$ 1.876 χ^2 /NDF: 242.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.376 $\pm$ 1.191 χ^2 /NDF: 661.2/5

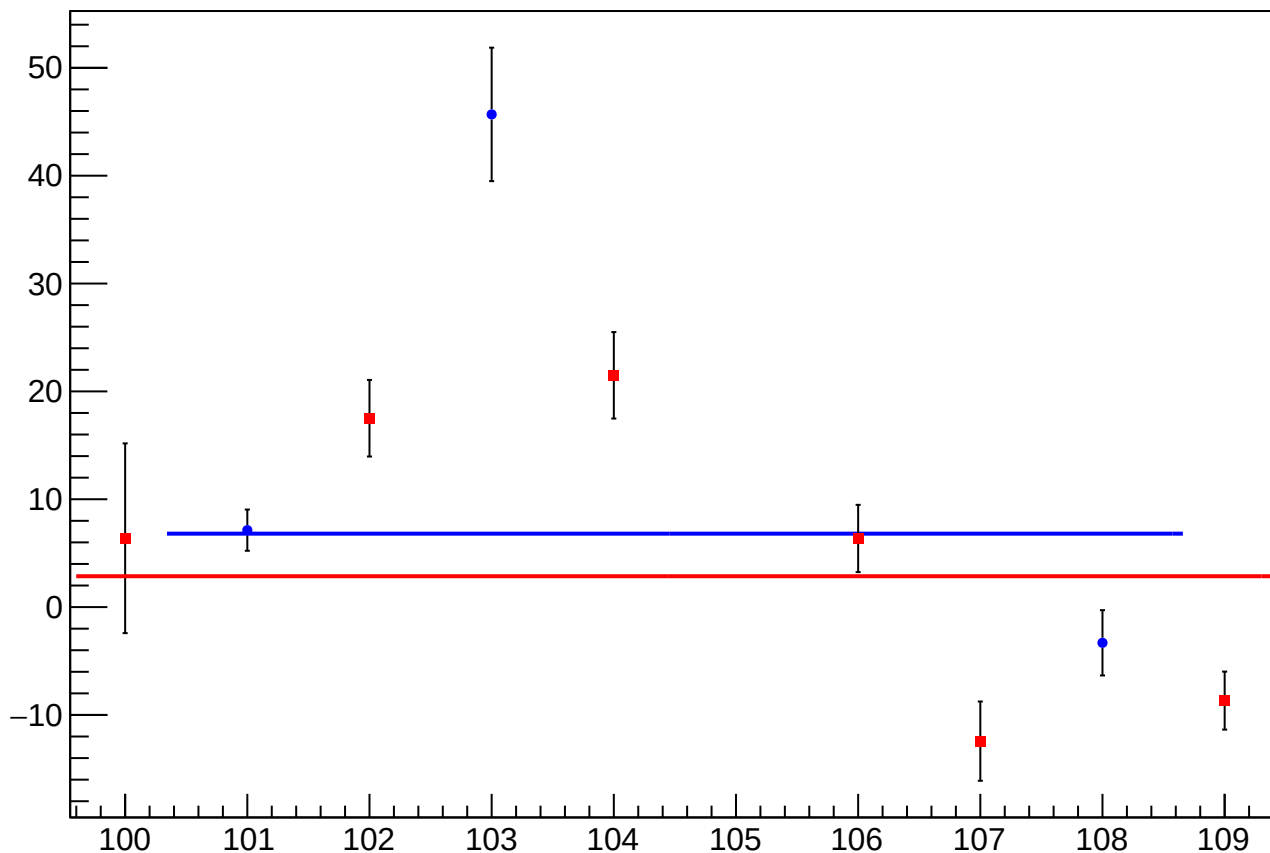
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.151 $\pm$ 1.006 χ^2 /NDF: 1243.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: 6.809 $\pm$ 1.564 χ^2 /NDF: 50.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.861 $\pm$ 1.459 χ^2 /NDF: 75.7/5

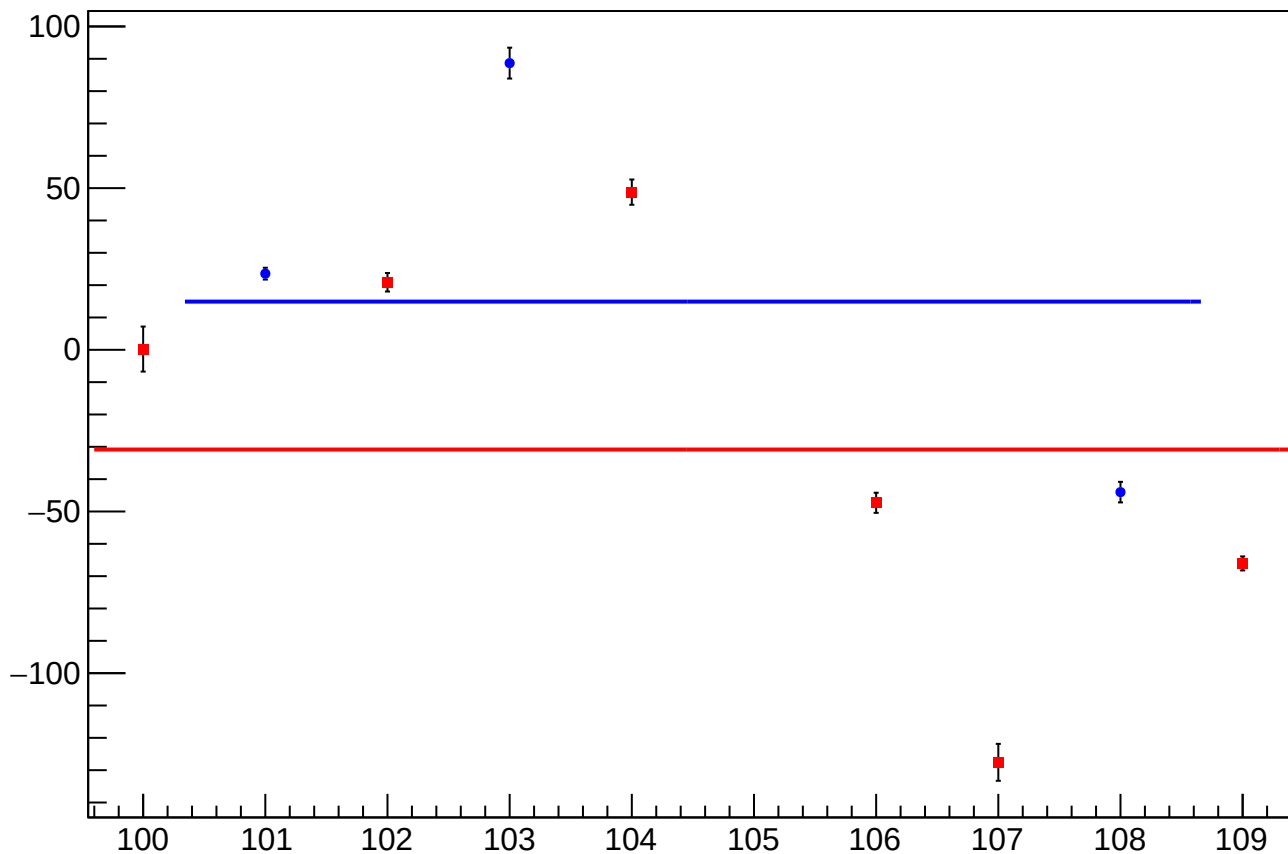
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.699 $\pm$ 1.067 χ^2 /NDF: 129.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: 14.910 $\pm$ 1.504 χ^2 /NDF: 604.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.842 $\pm$ 1.342 χ^2 /NDF: 1340.7/5

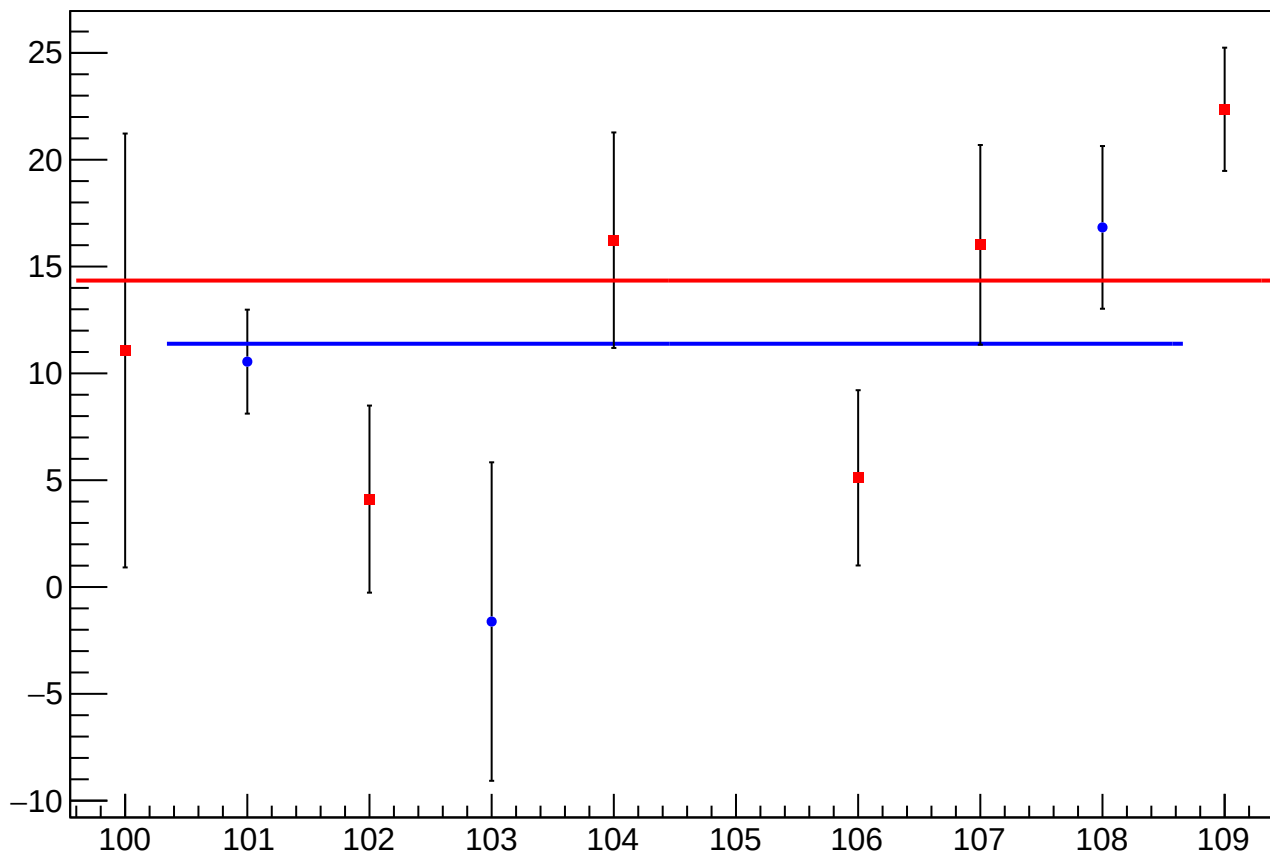
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.557 $\pm$ 1.001 χ^2 /NDF: 2459.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 11.387 $\pm$ 1.977 χ^2 /NDF: 5.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.345 $\pm$ 1.750 χ^2 /NDF: 18.6/5

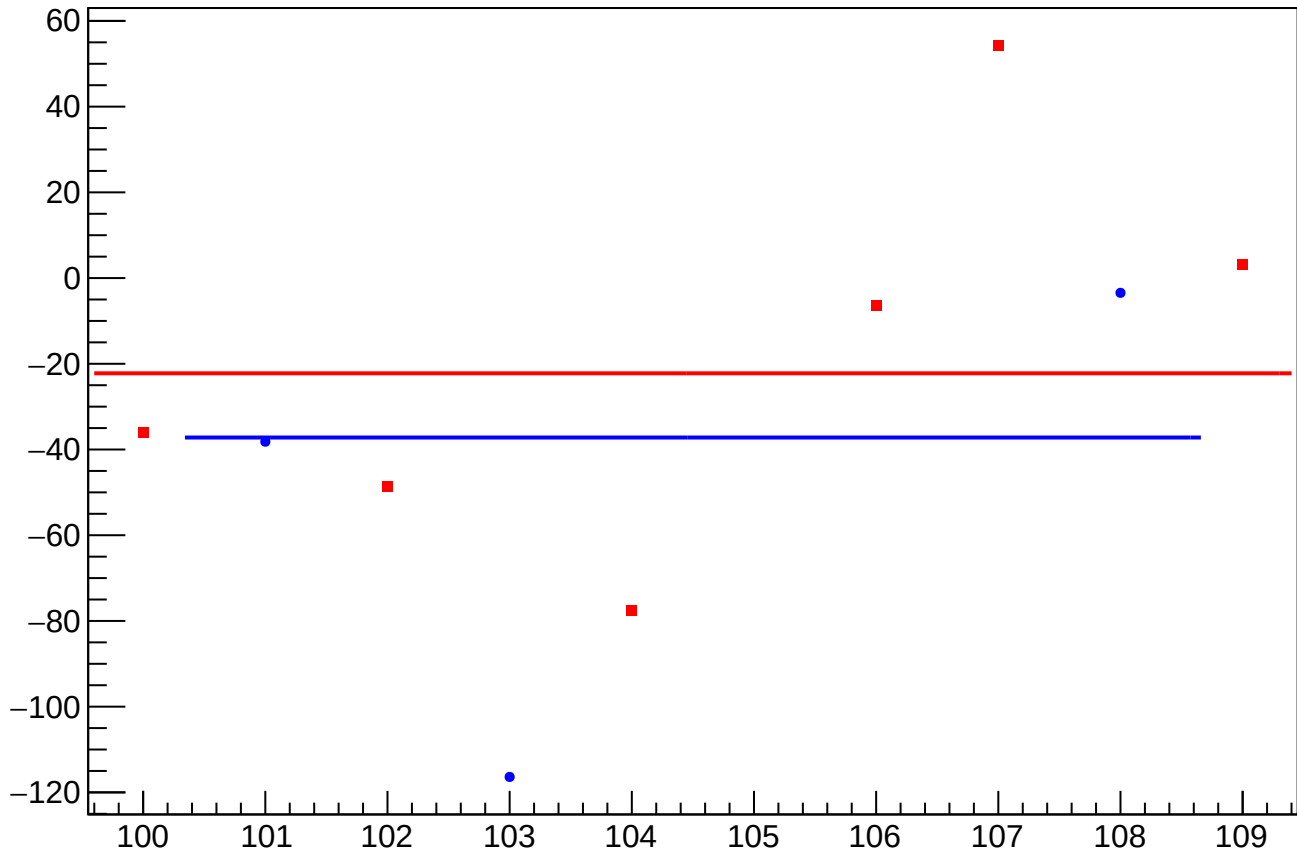
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.045 $\pm$ 1.310 χ^2 /NDF: 25.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -37.202 $\pm$ 0.077 χ^2 /NDF: 220501.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.223 $\pm$ 0.070 χ^2 /NDF: 275555.7/5

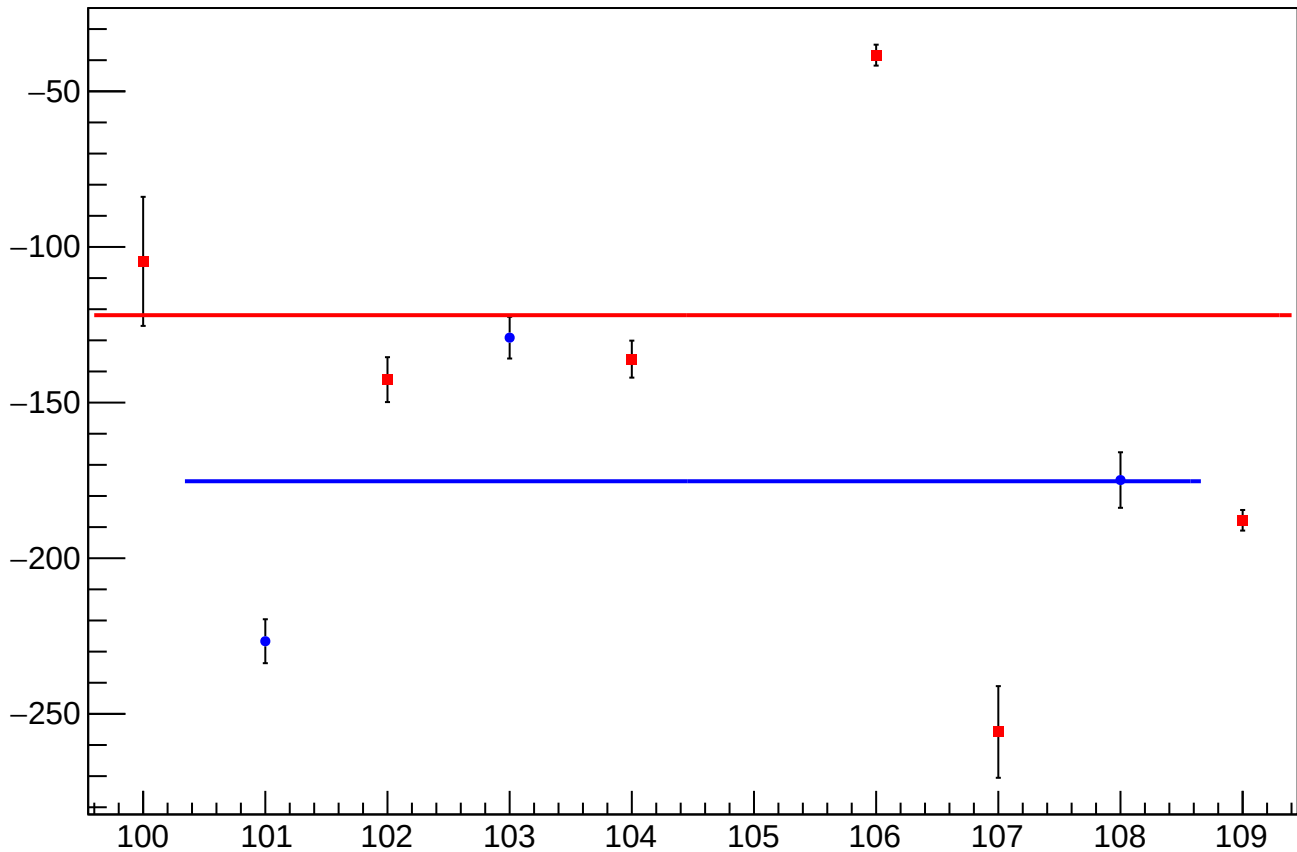
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.994 $\pm$ 0.052 χ^2 /NDF: 516751.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -175.266+/-4.268 χ^2/NDF : 100.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -121.918+/-2.067 χ^2/NDF : 1109.8/5

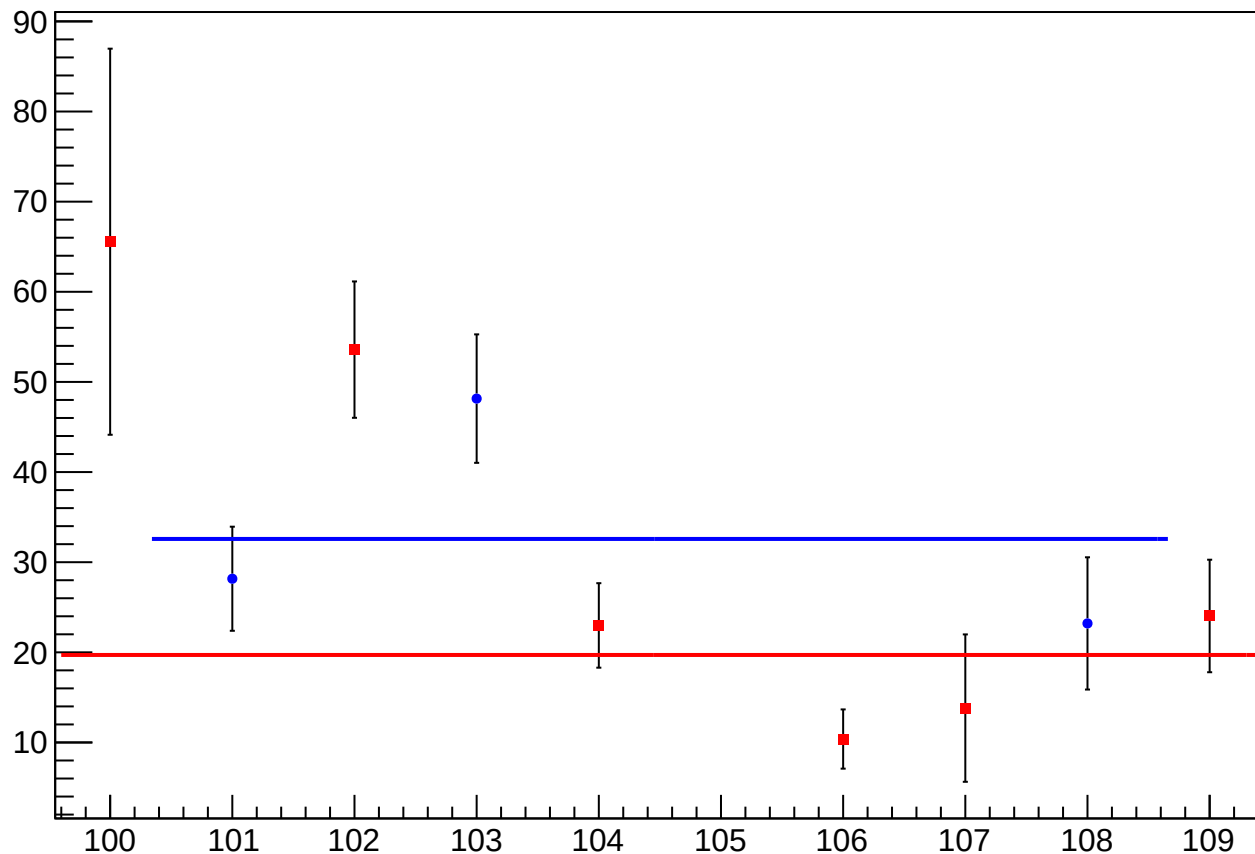
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.055+/-1.860 χ^2/NDF : 1336.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 32.580 $\pm$ 3.828 χ^2 /NDF: 7.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.708 $\pm$ 2.245 χ^2 /NDF: 34.2/5

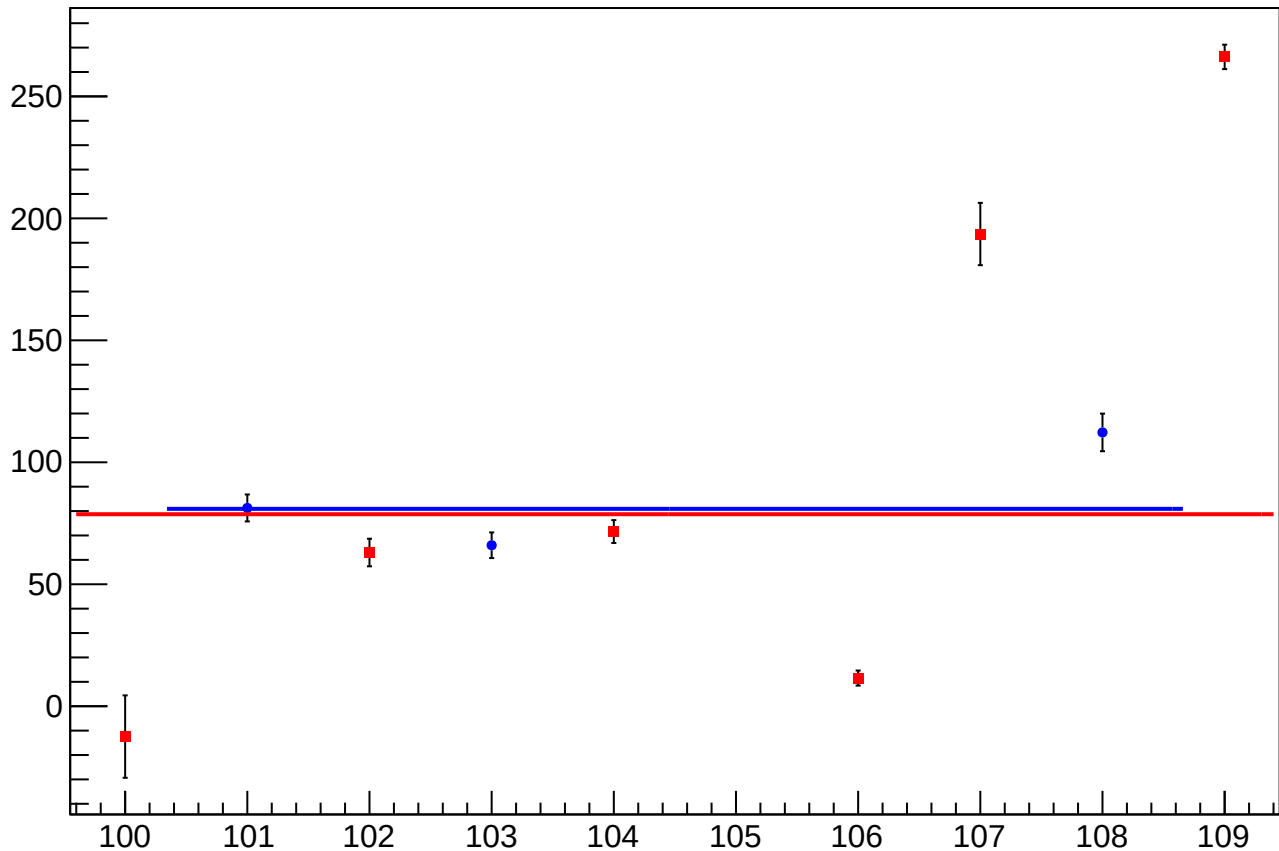
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.003 $\pm$ 1.936 χ^2 /NDF: 49.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 80.917 $\pm$ 3.414 χ^2 /NDF: 24.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 78.715 $\pm$ 2.080 χ^2 /NDF: 1994.6/5

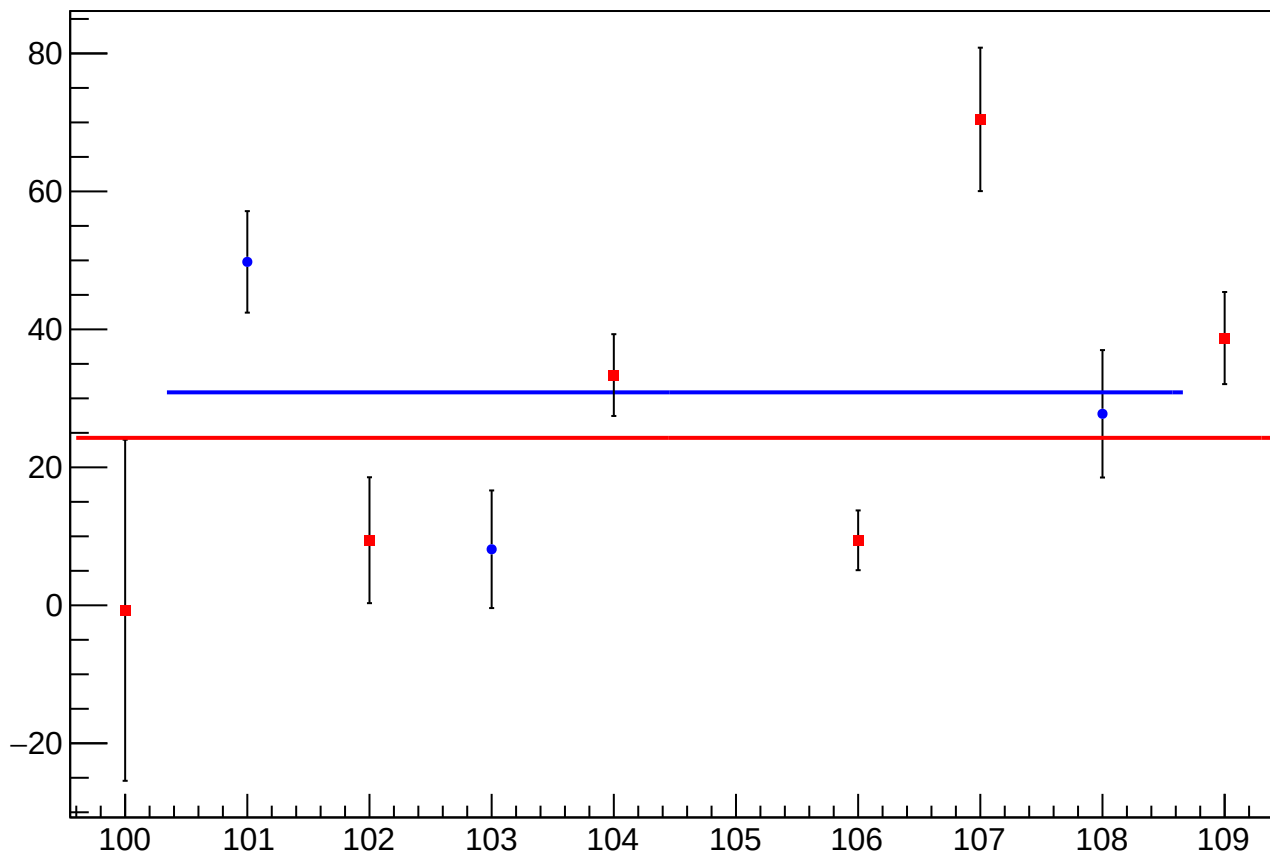
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.311 $\pm$ 1.776 χ^2 /NDF: 2019.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 30.871+/-4.769 χ^2/NDF : 13.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.275+/-2.805 χ^2/NDF : 42.2/5

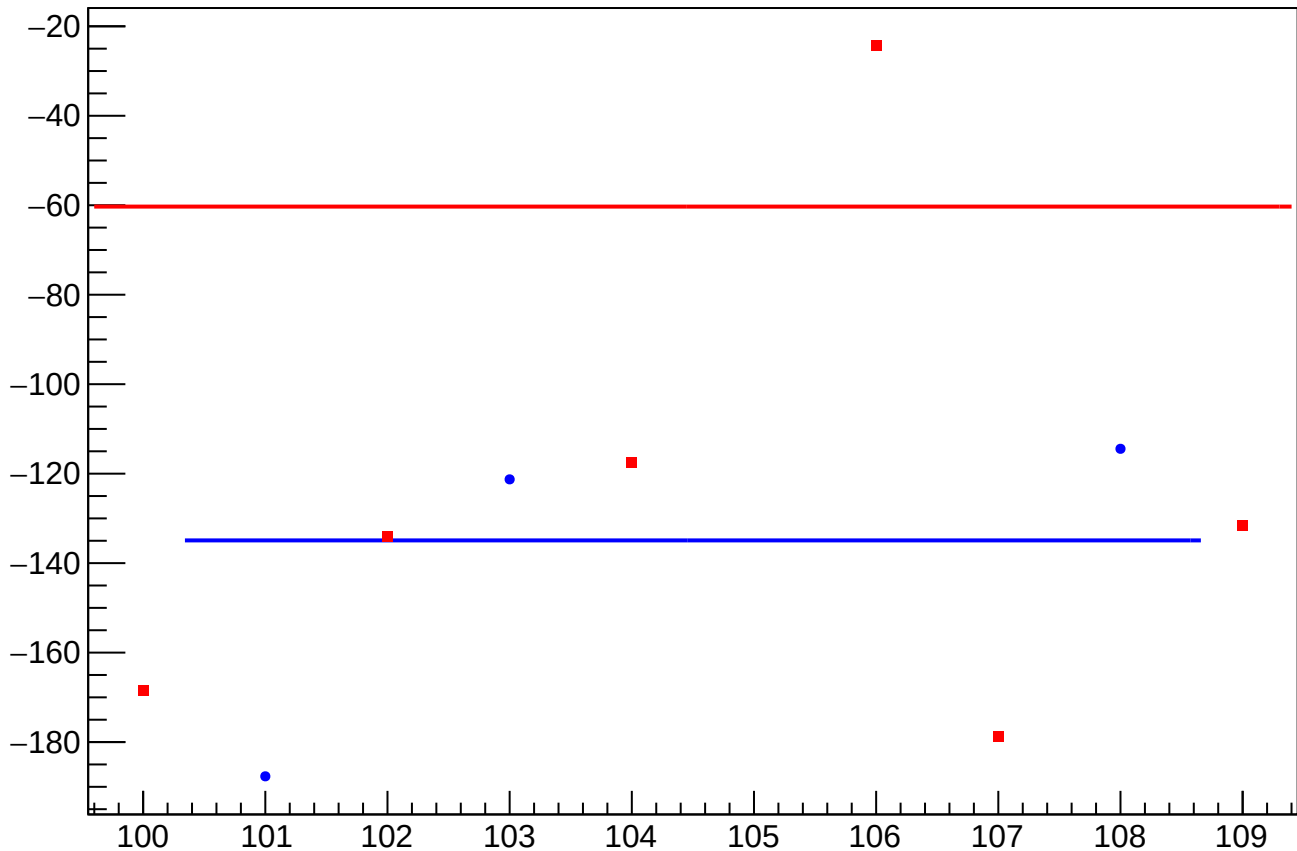
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.970+/-2.418 χ^2/NDF : 57.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -134.918+/-0.159 χ^2/NDF : 33550.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.301+/-0.083 χ^2/NDF : 385249.7/5

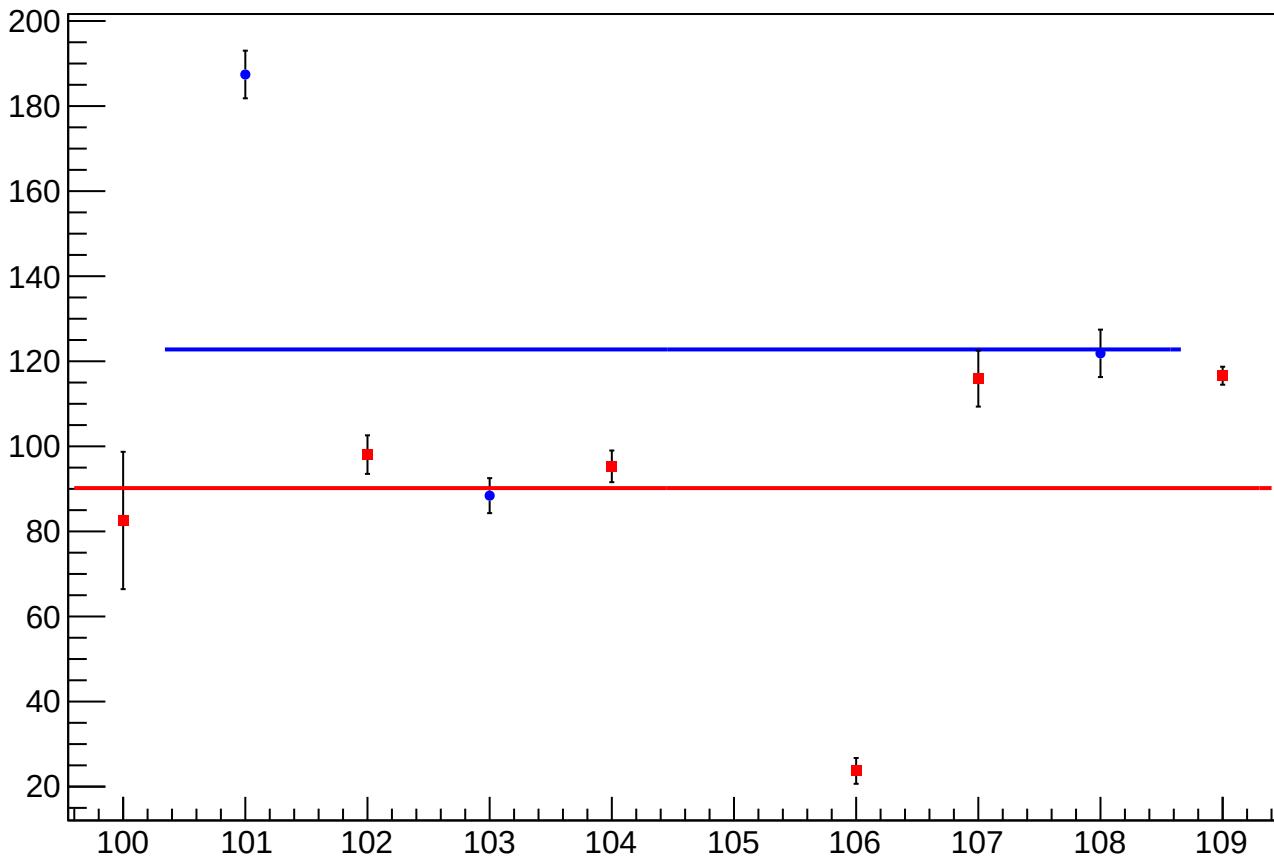
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.367+/-0.074 χ^2/NDF : 592130.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 122.783 $\pm$ 2.850 χ^2 /NDF: 203.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.186 $\pm$ 1.443 χ^2 /NDF: 657.4/5

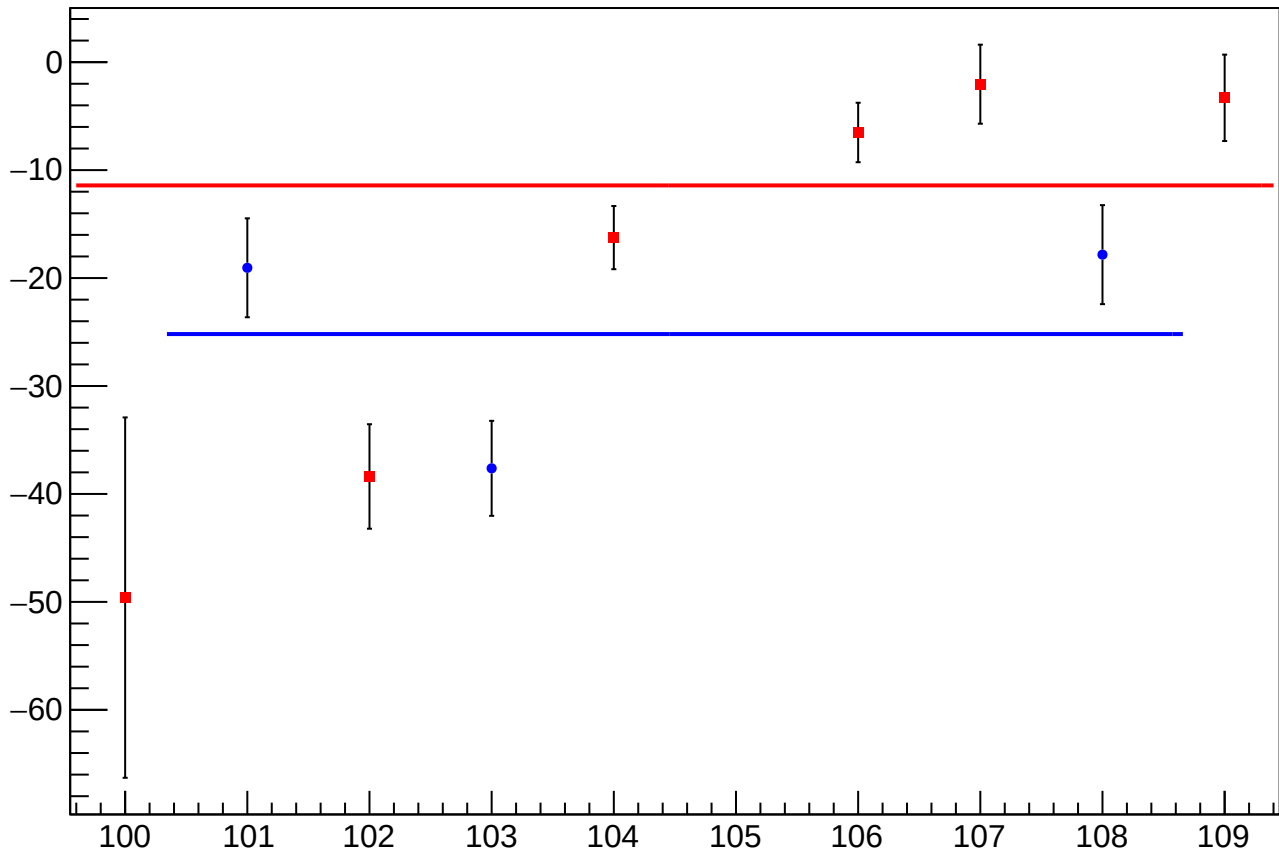
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.836 $\pm$ 1.287 χ^2 /NDF: 964.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -25.188 $\pm$ 2.610 χ^2 /NDF: 12.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.418 $\pm$ 1.522 χ^2 /NDF: 52.8/5

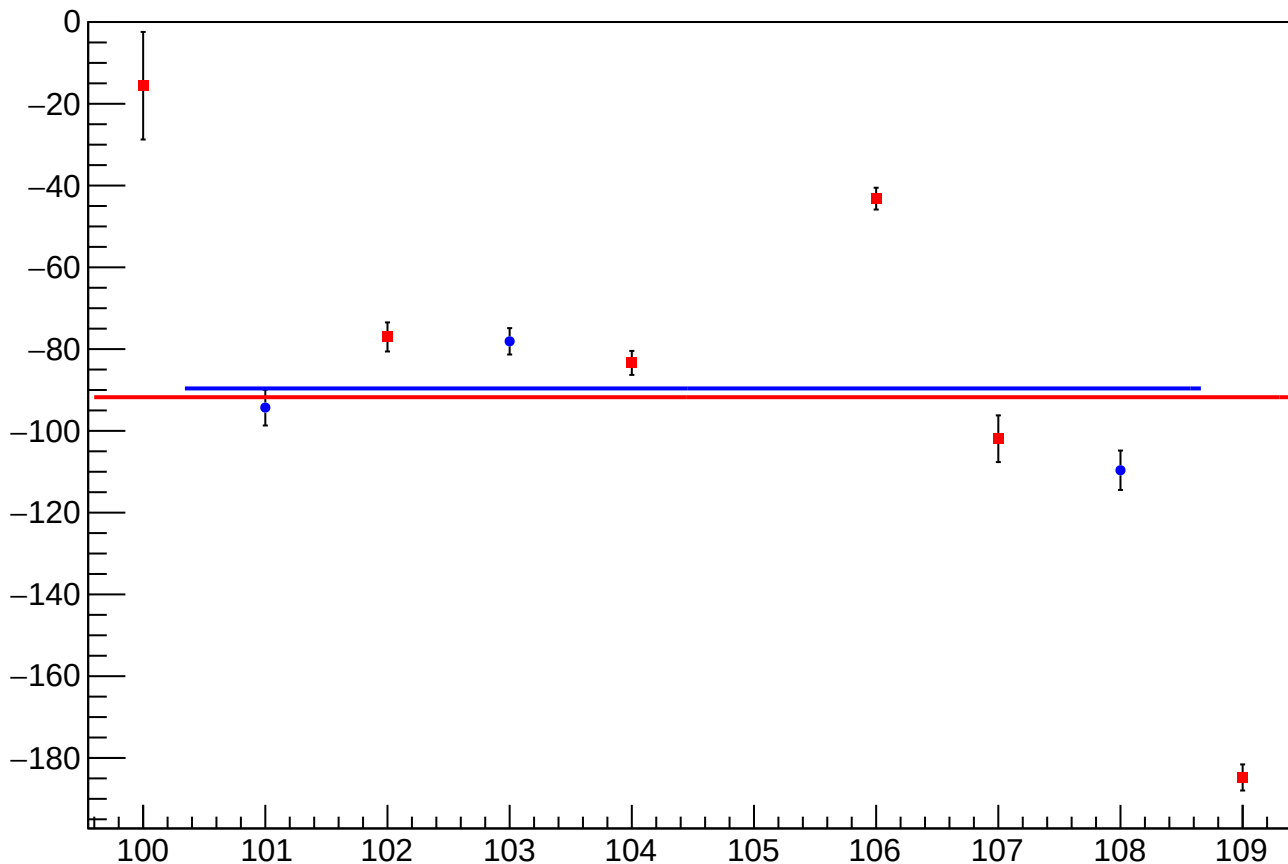
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.911 $\pm$ 1.315 χ^2 /NDF: 86.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -89.620 $\pm$ 2.288 χ^2 /NDF: 31.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -91.766 $\pm$ 1.458 χ^2 /NDF: 1241.7/5

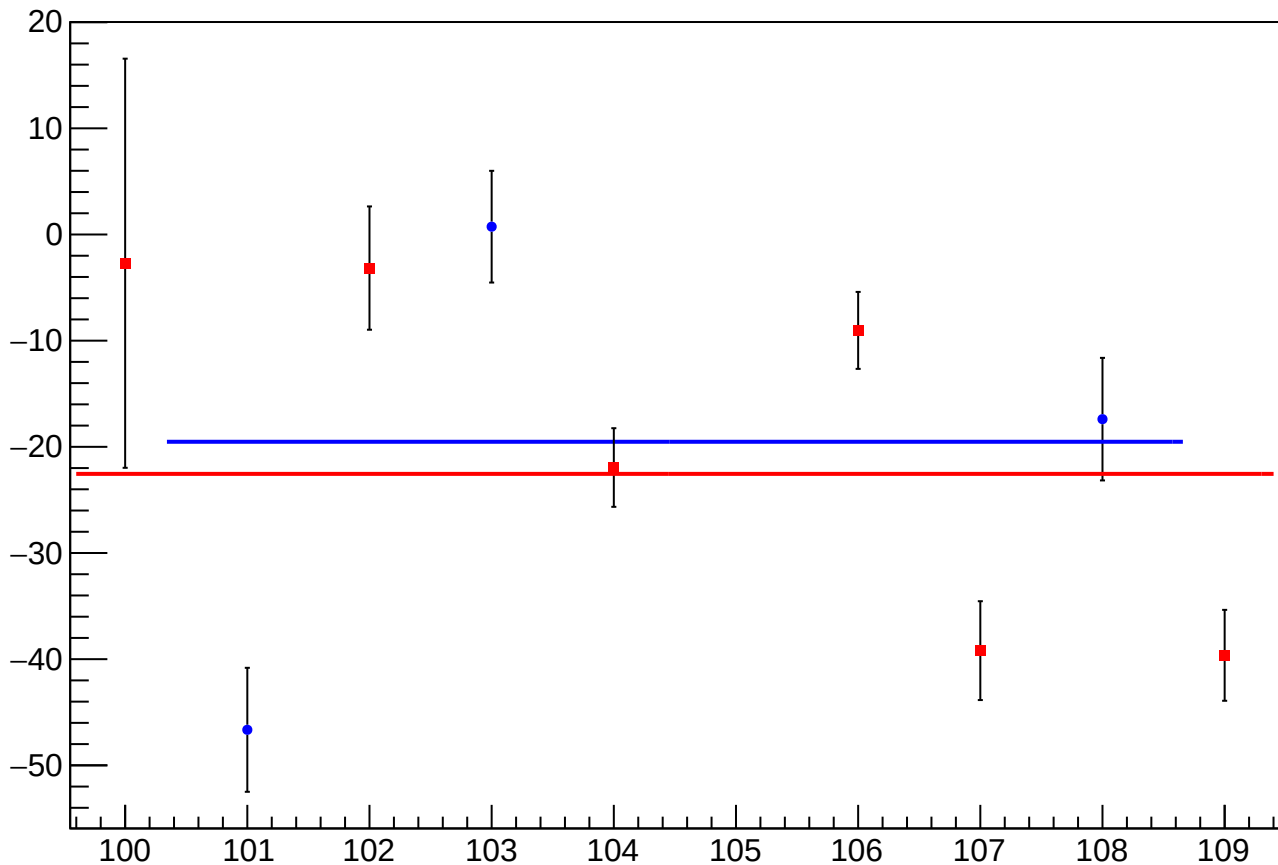
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -91.146 $\pm$ 1.230 χ^2 /NDF: 1273.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -19.523 ± 3.236 χ^2/NDF : 36.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.548 ± 1.883 χ^2/NDF : 54.9/5

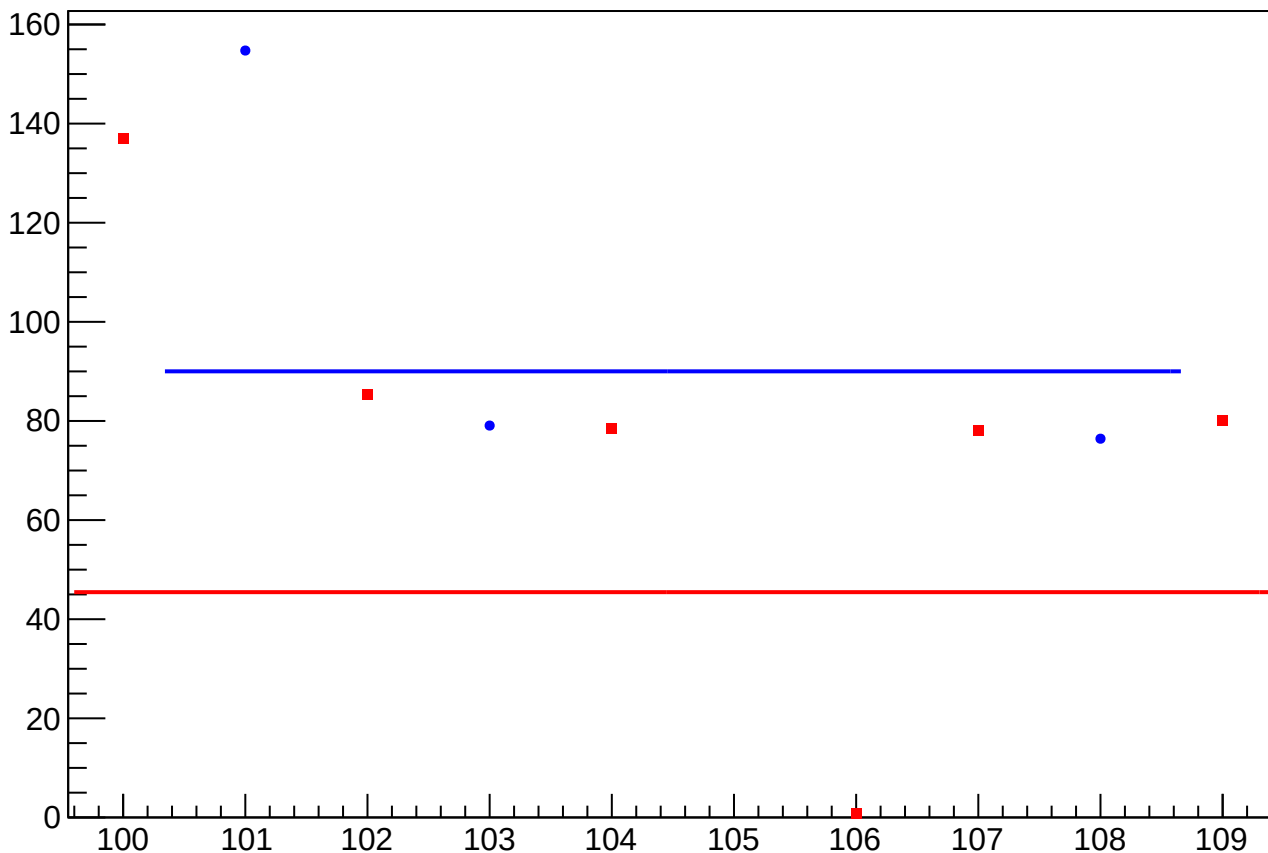
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.783 ± 1.627 χ^2/NDF : 92.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 90.014 $\pm$ 0.103 χ^2 /NDF: 72325.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 45.459 $\pm$ 0.065 χ^2 /NDF: 396888.3/5

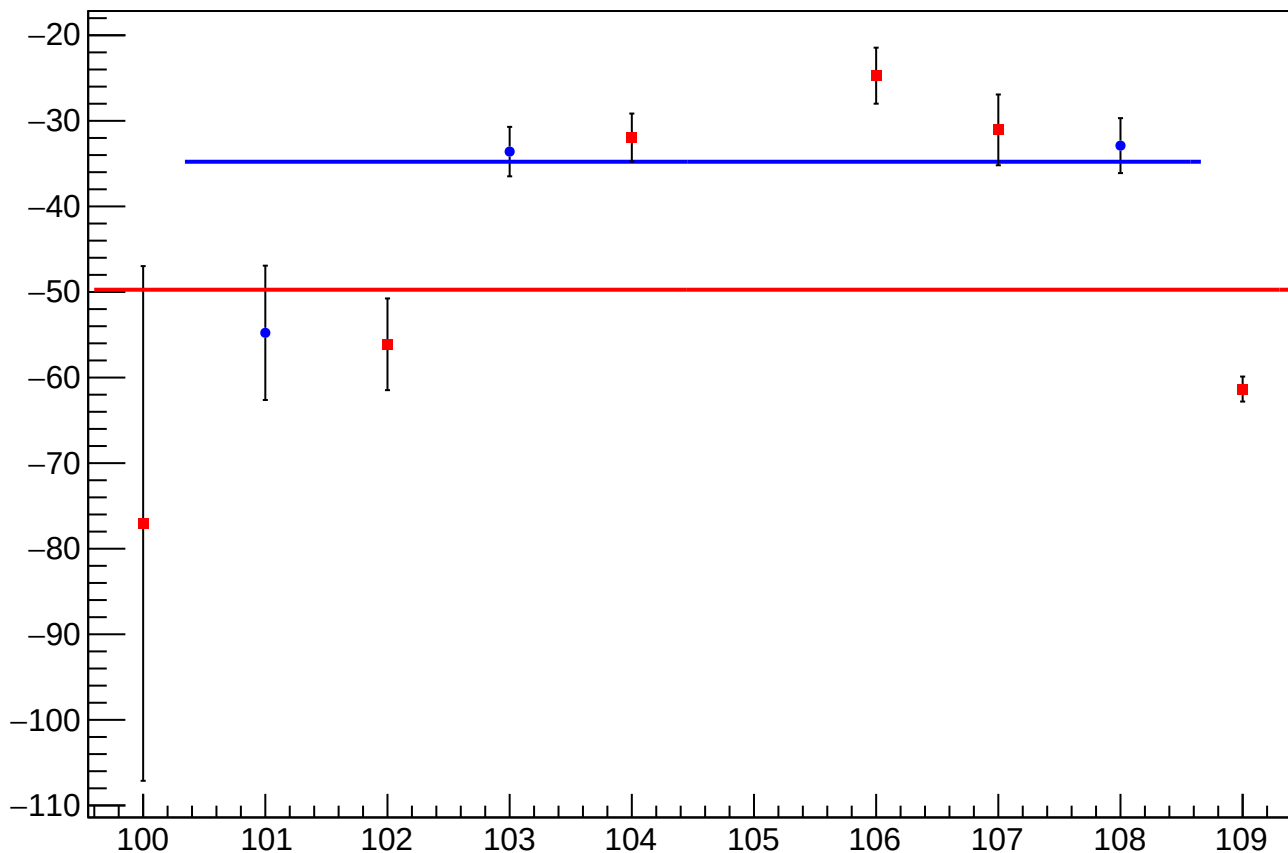
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.085 $\pm$ 0.055 χ^2 /NDF: 603816.8/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -34.779 ± 2.072 $\chi^2/\text{NDF}: 7.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -49.735 ± 1.130 $\chi^2/\text{NDF}: 184.4/5$

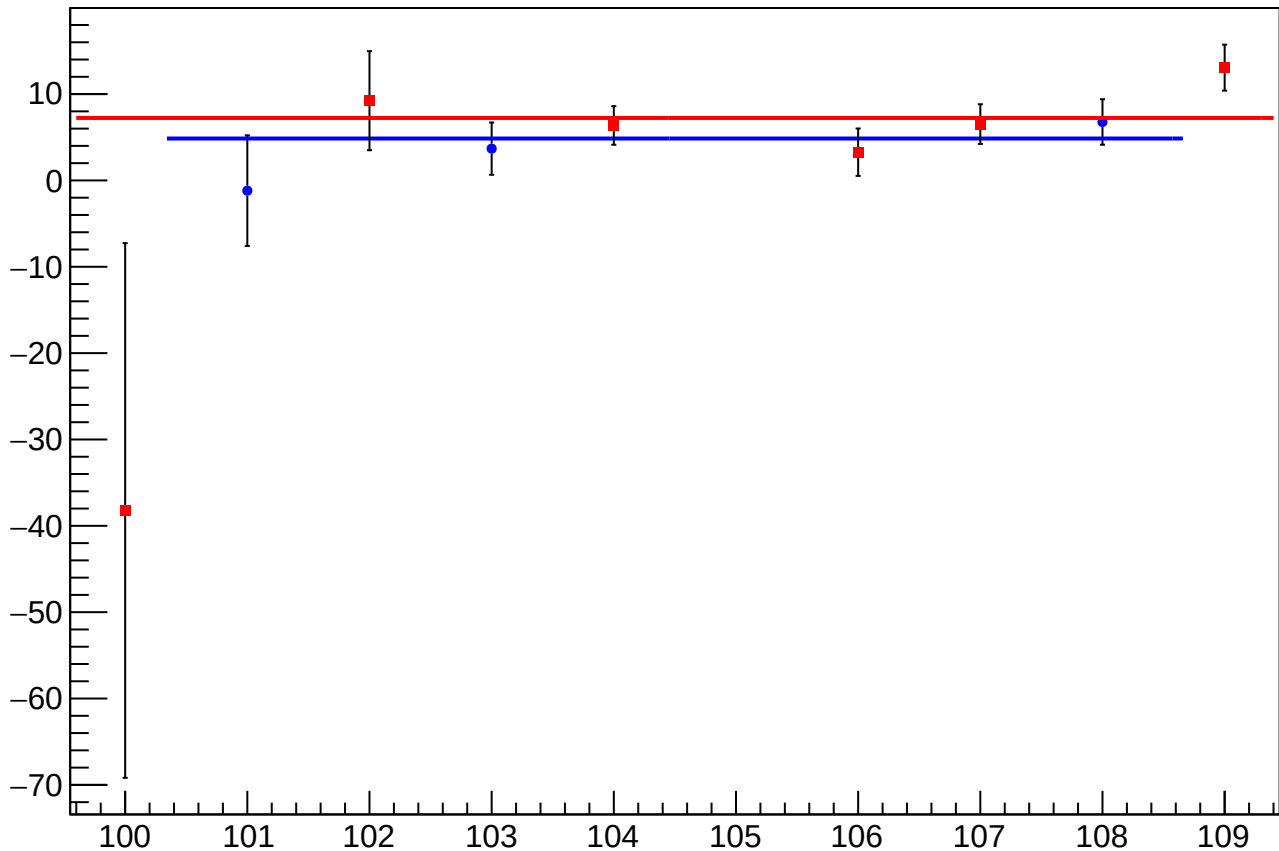
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -46.307 ± 0.992 $\chi^2/\text{NDF}: 231.5/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 4.854 ± 1.899 $\chi^2/\text{NDF}: 1.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 7.235 ± 1.199 $\chi^2/\text{NDF}: 9.4/5$

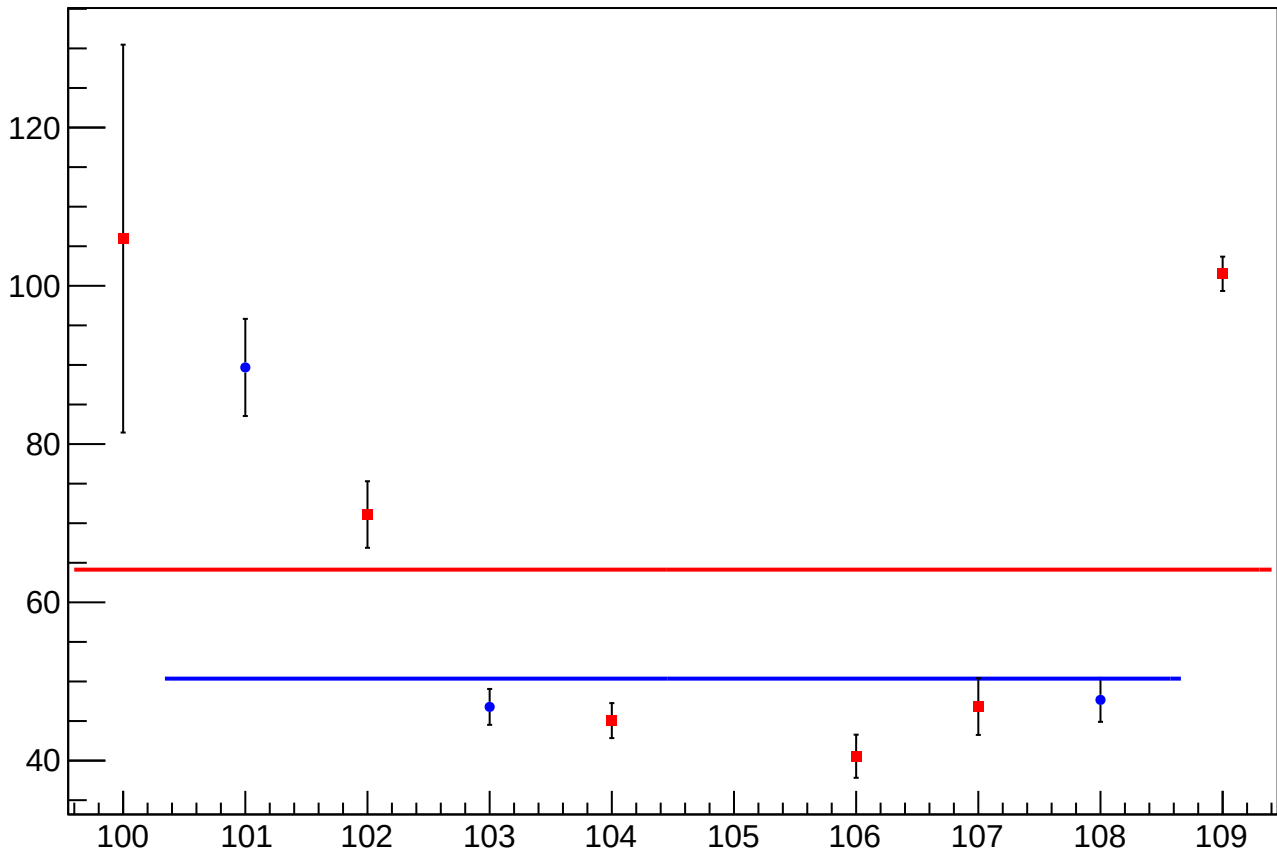
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.557 ± 1.014 $\chi^2/\text{NDF}: 12.1/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 50.361 $\pm$ 1.688 χ^2 /NDF: 44.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 64.134 $\pm$ 1.206 χ^2 /NDF: 475.5/5

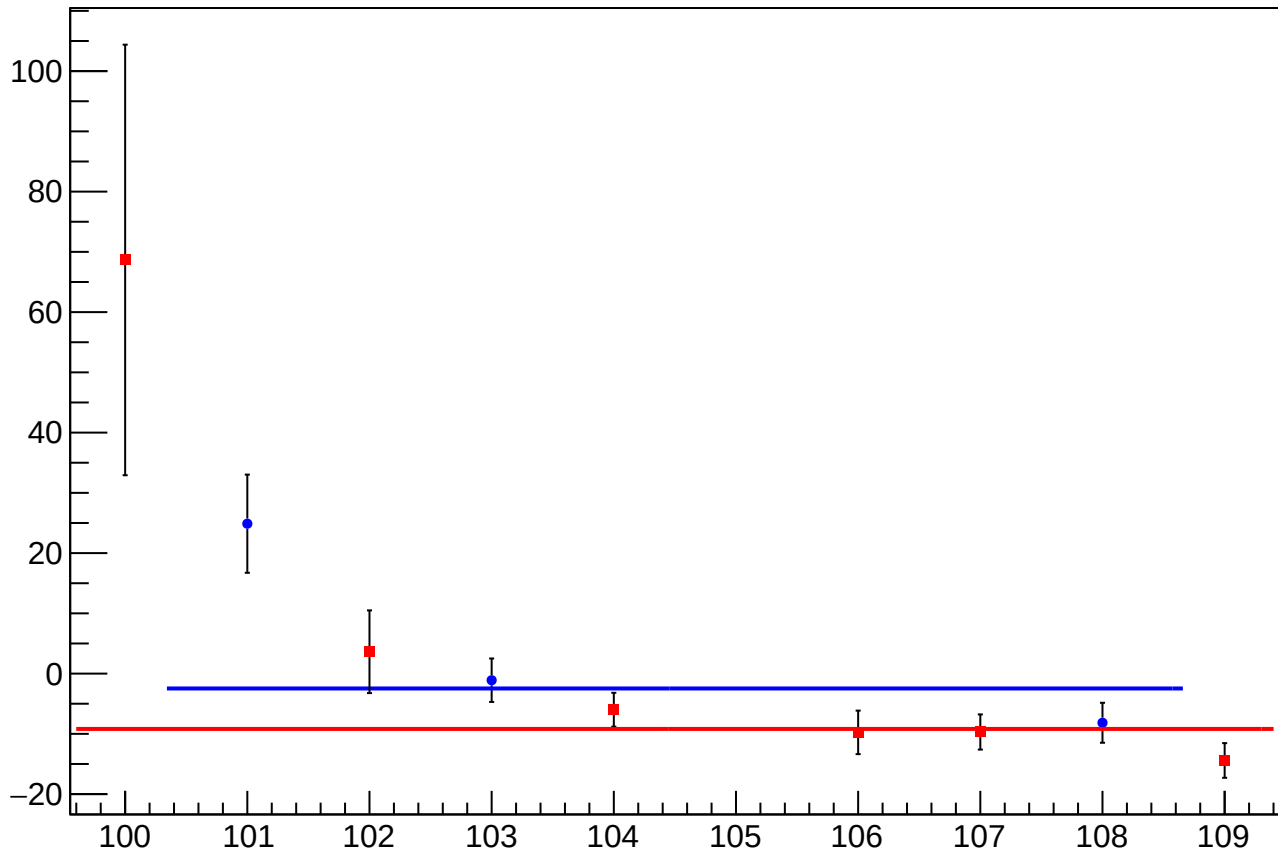
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.482 $\pm$ 0.981 χ^2 /NDF: 564.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -2.468 $\pm$ 2.339 χ^2 /NDF: 14.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -9.182 $\pm$ 1.469 χ^2 /NDF: 12.9/5

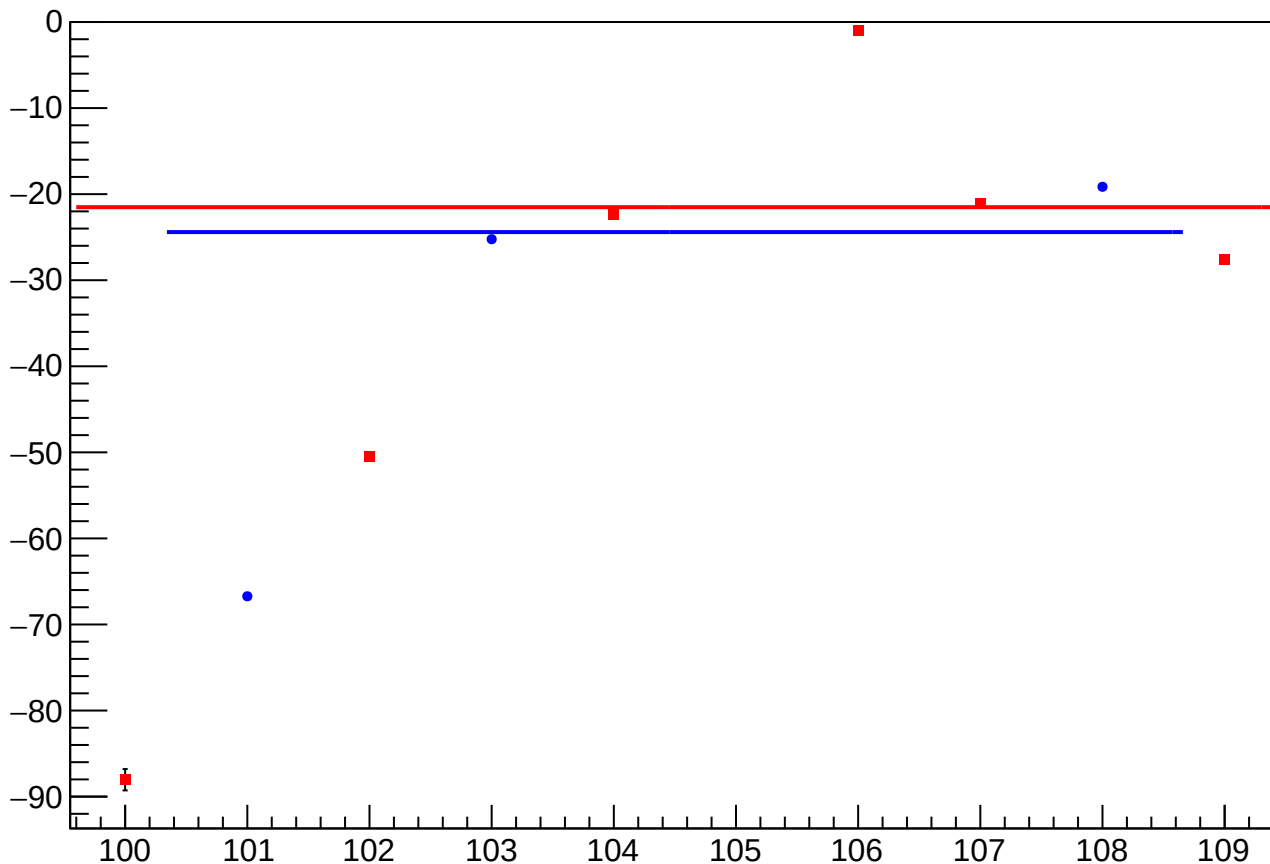
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.283 $\pm$ 1.244 χ^2 /NDF: 33.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -24.407+/-0.071 χ^2/NDF : 15803.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.514+/-0.060 χ^2/NDF : 57126.1/5

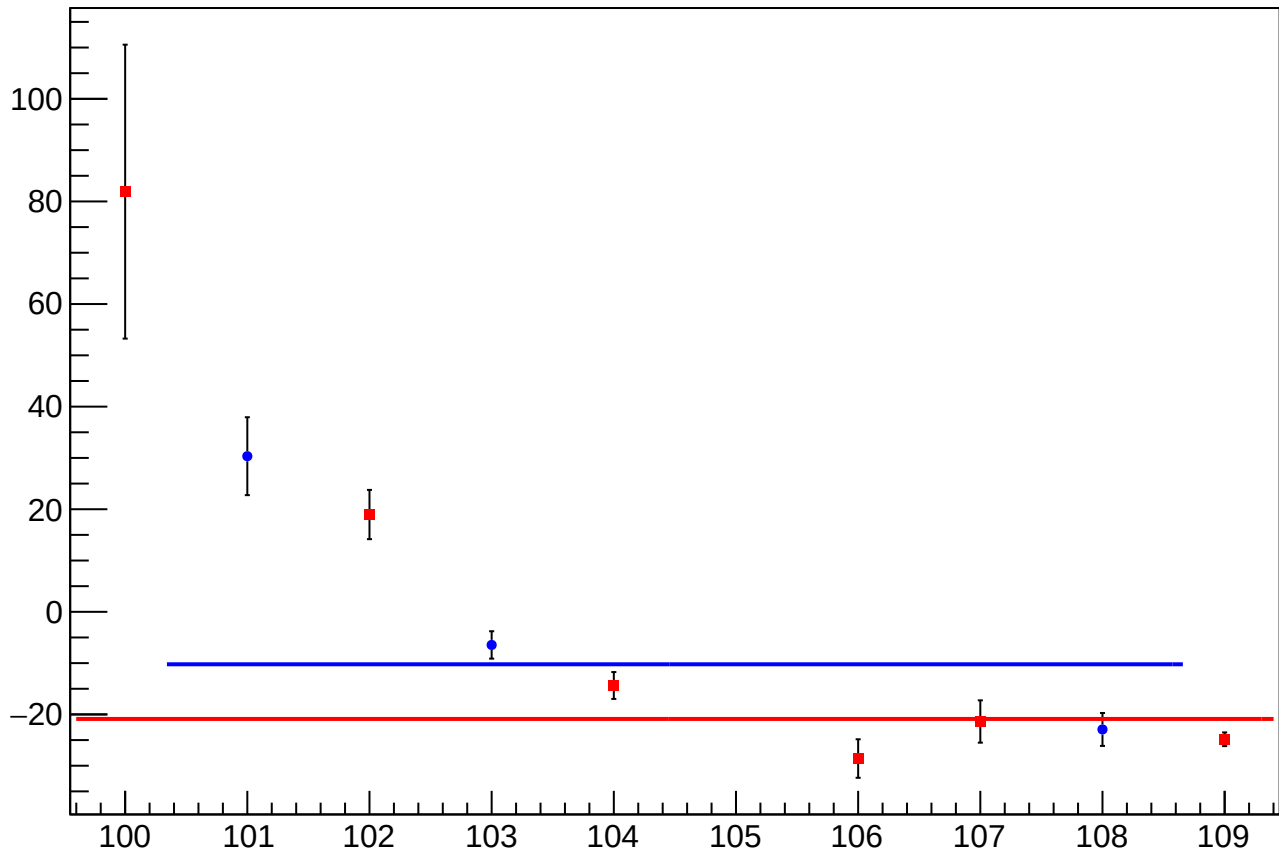
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.720+/-0.046 χ^2/NDF : 73893.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -10.226 ± 1.982 $\chi^2/\text{NDF}: 46.2/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -20.879 ± 1.065 $\chi^2/\text{NDF}: 101.0/5$

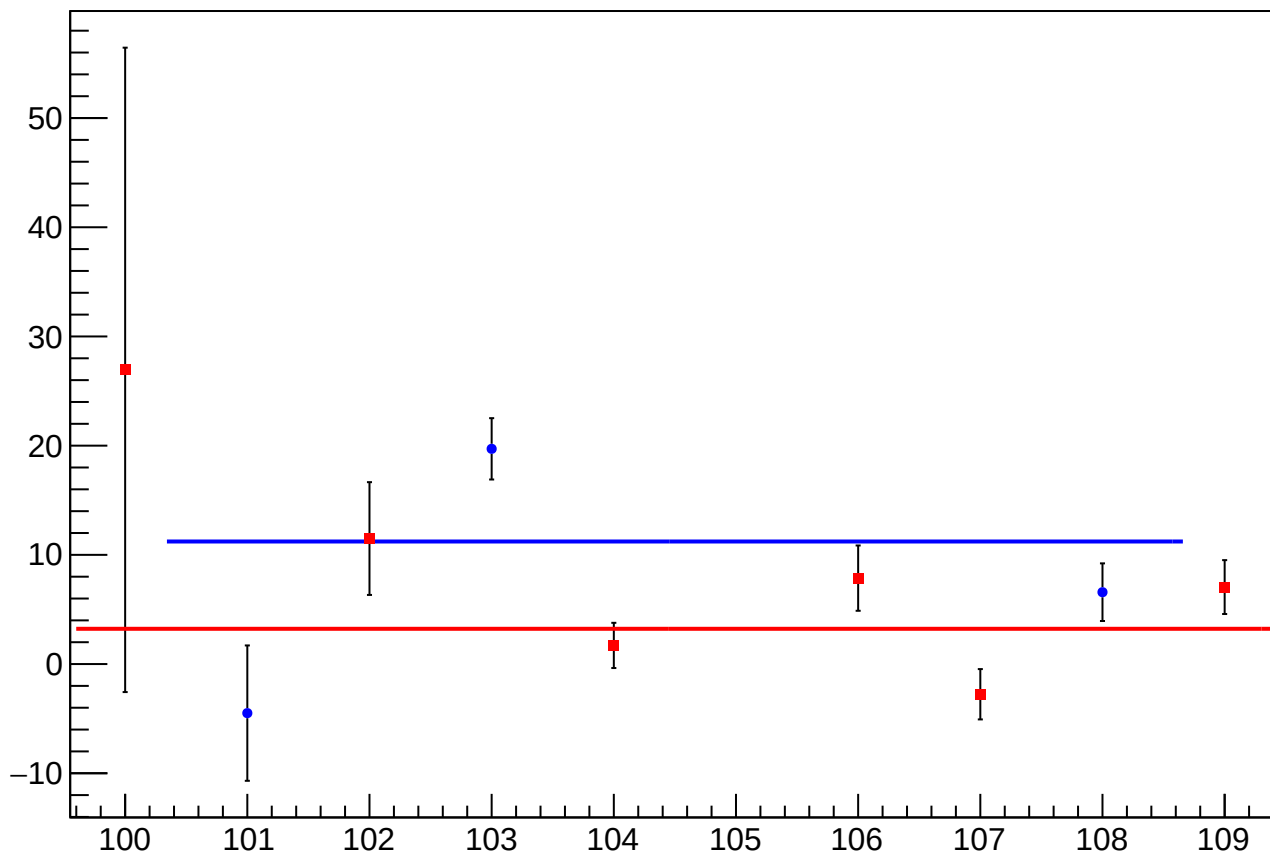
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.493 ± 0.938 $\chi^2/\text{NDF}: 169.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: 11.223+/-1.837 χ^2/NDF : 18.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.228+/-1.165 χ^2/NDF : 15.3/5

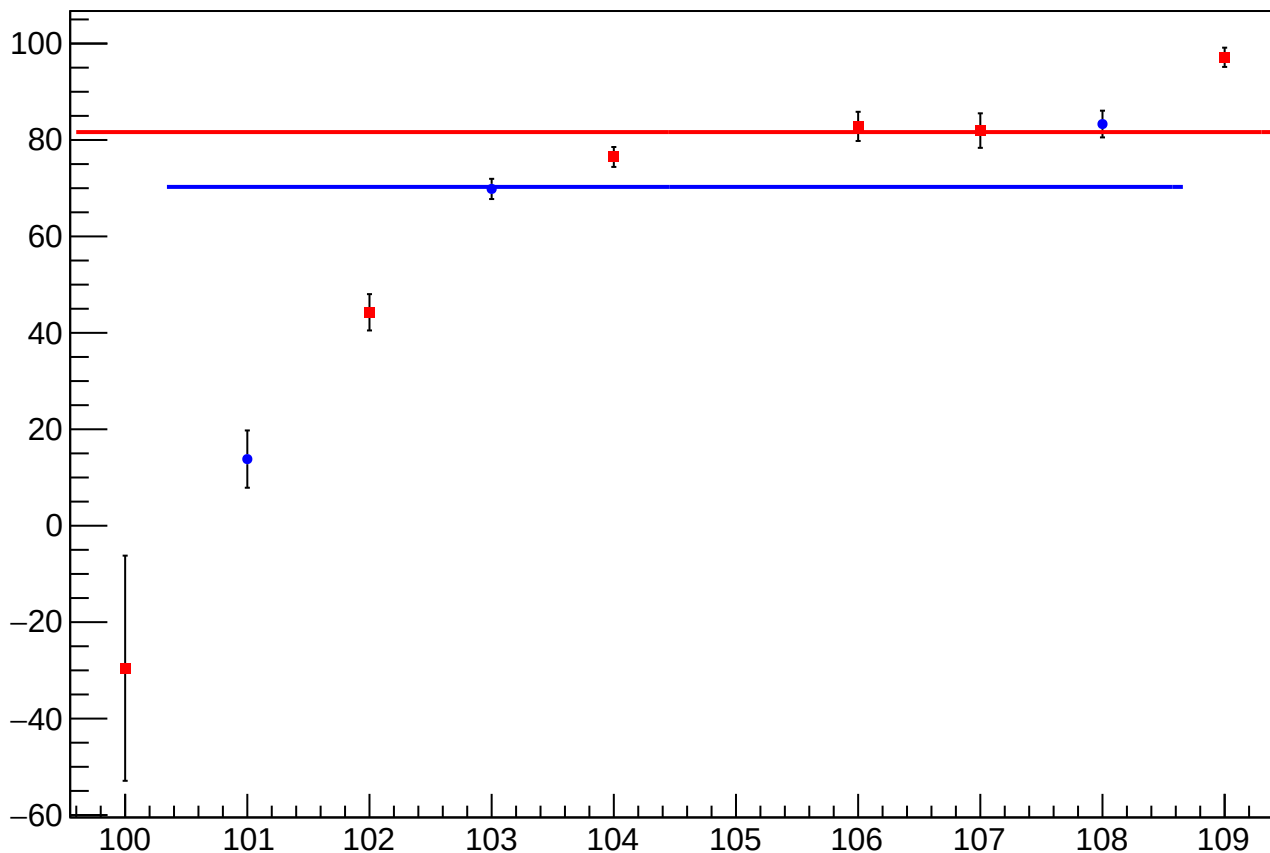
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.523+/-0.984 χ^2/NDF : 47.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 70.270+/-1.610 χ^2/NDF : 112.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.639+/-1.159 χ^2/NDF : 187.9/5

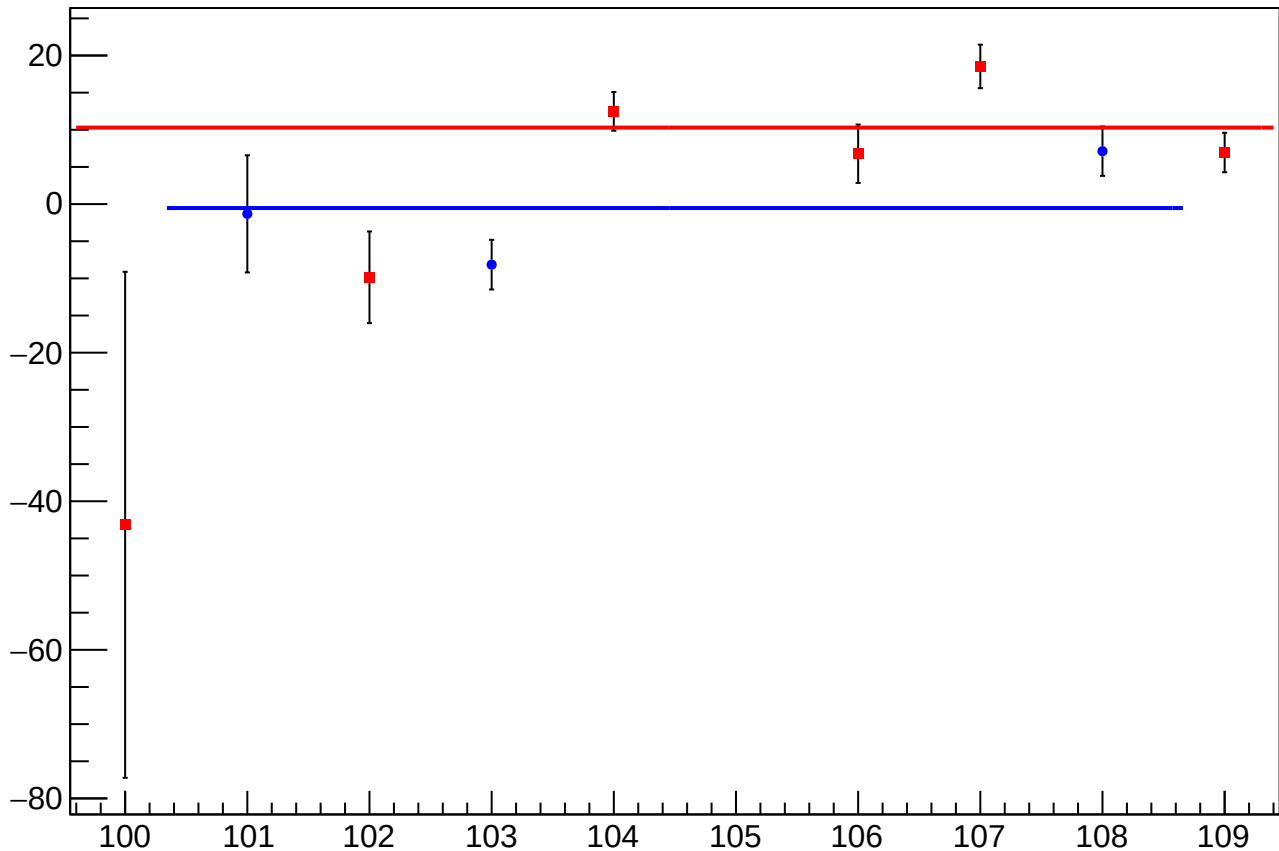
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.759+/-0.940 χ^2/NDF : 333.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: -0.532 ± 2.258 χ^2/NDF : 10.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.297 ± 1.418 χ^2/NDF : 24.1/5

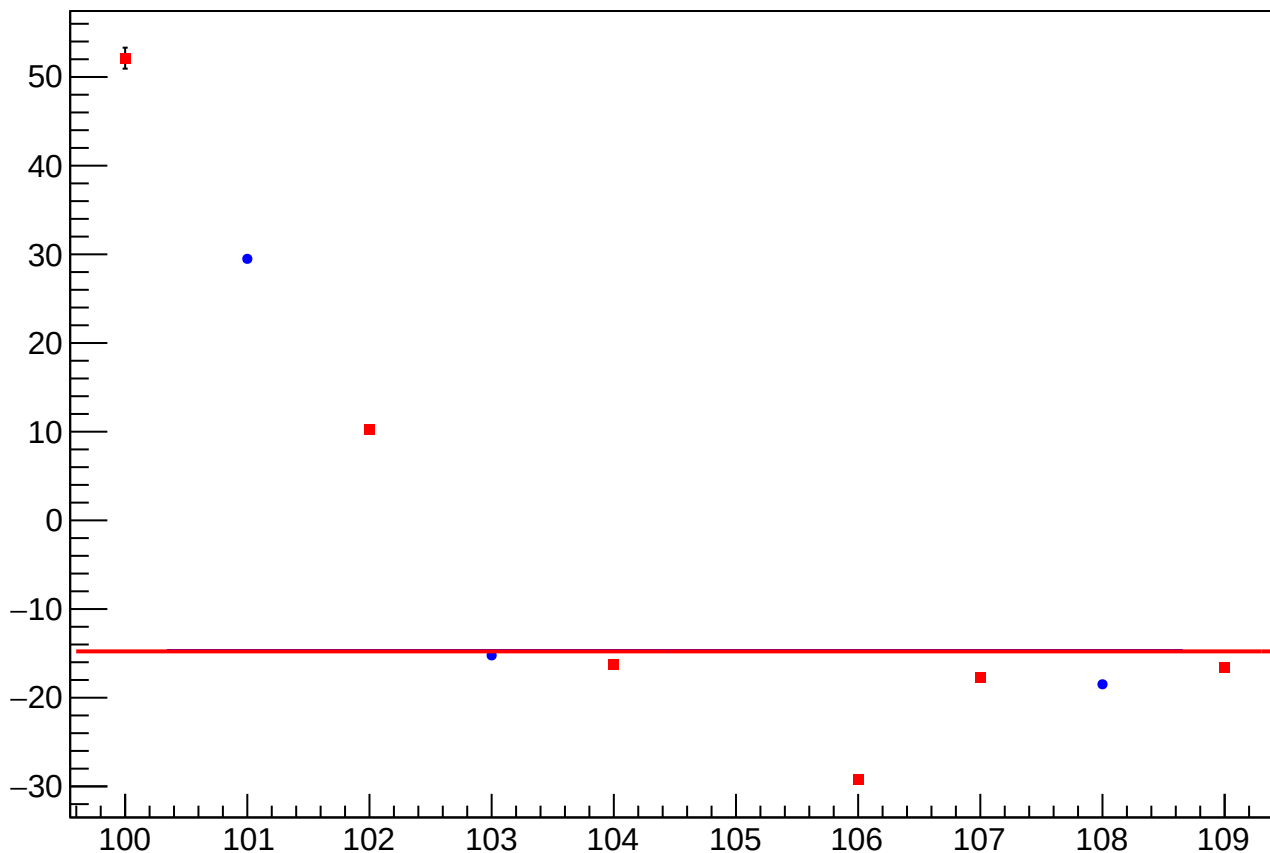
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 7.234 ± 1.201 χ^2/NDF : 51.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -14.731 $\pm$ 0.068 χ^2 /NDF: 16957.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.775 $\pm$ 0.059 χ^2 /NDF: 37793.6/5

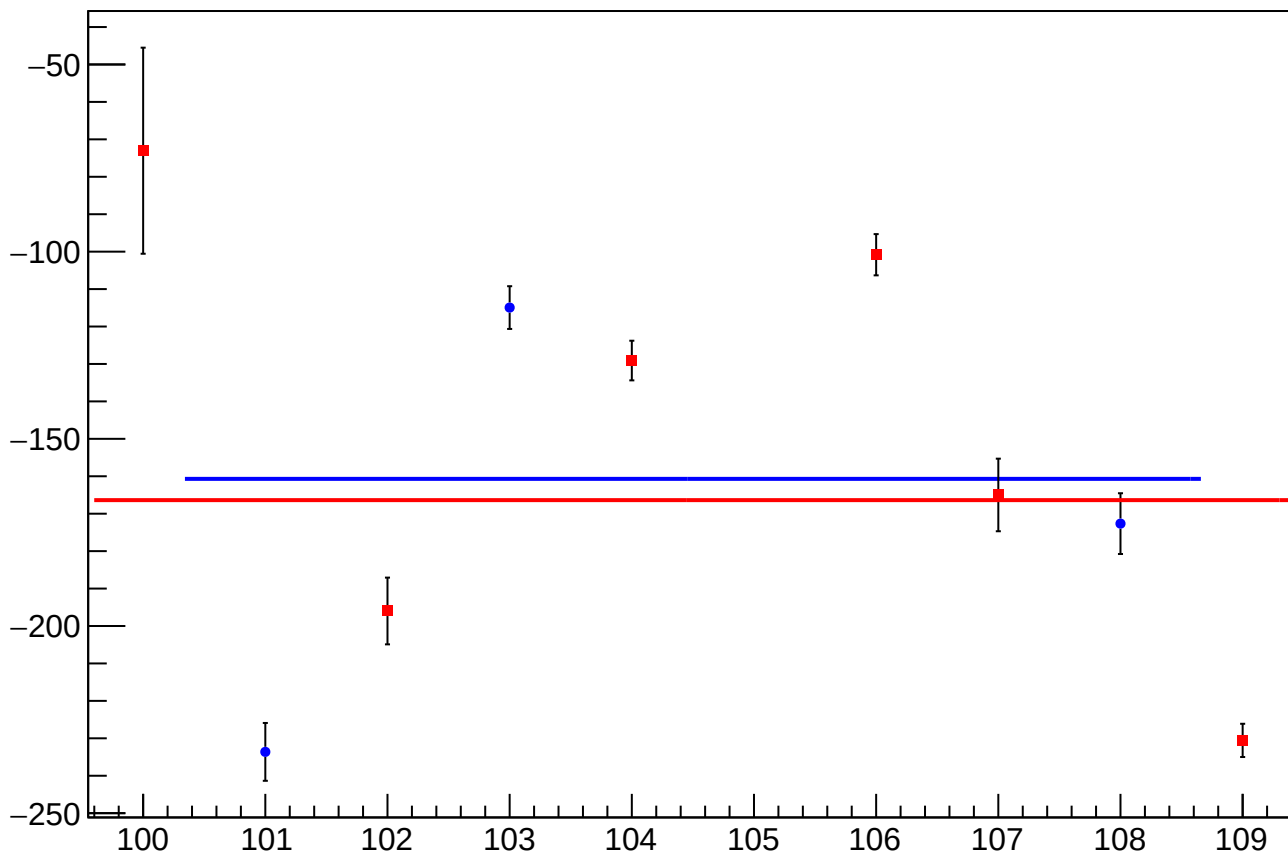
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.756 $\pm$ 0.045 χ^2 /NDF: 54751.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -160.695+/-3.996 χ^2/NDF : 155.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -166.376+/-2.636 χ^2/NDF : 422.8/5

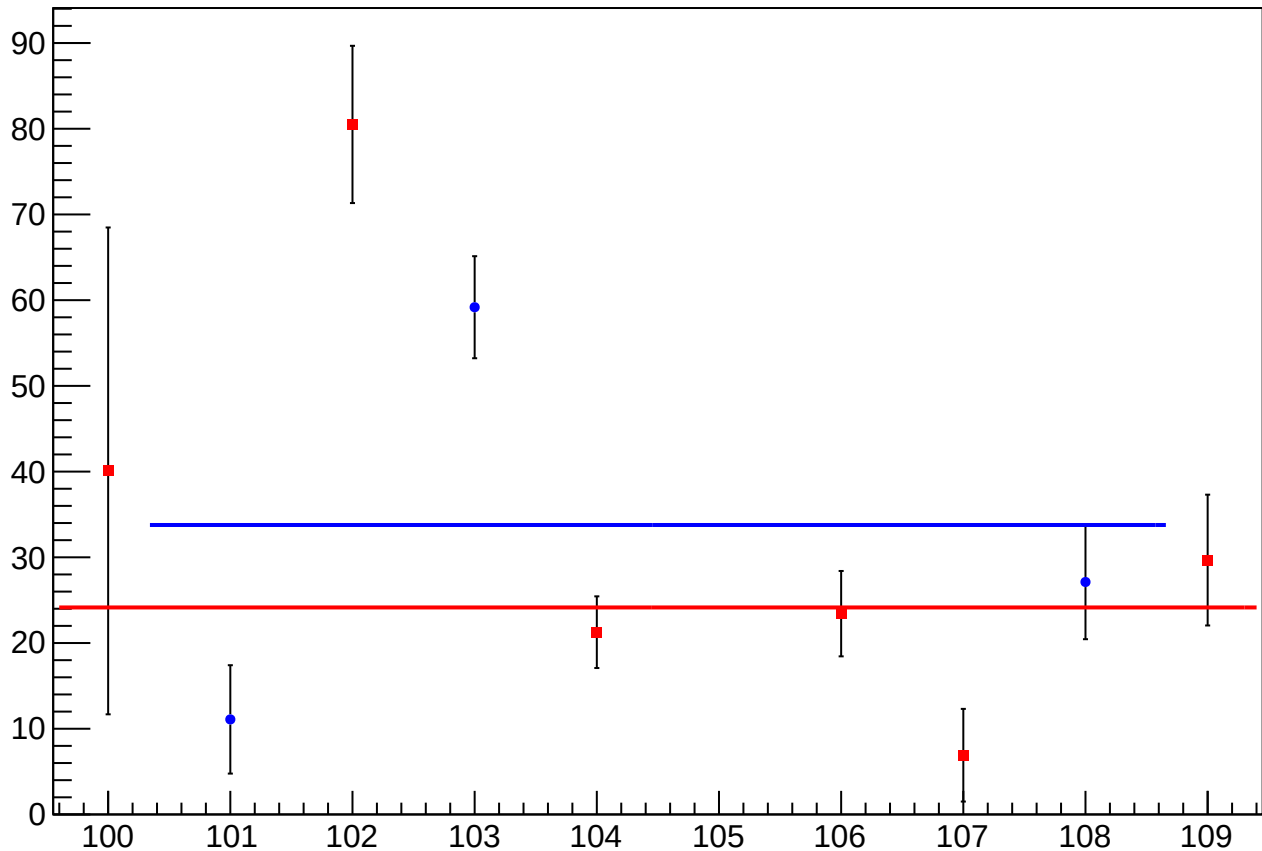
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.653+/-2.200 χ^2/NDF : 579.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



Right In: 33.771 $\pm$ 3.635 χ^2 /NDF: 32.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.151 $\pm$ 2.484 χ^2 /NDF: 49.2/5

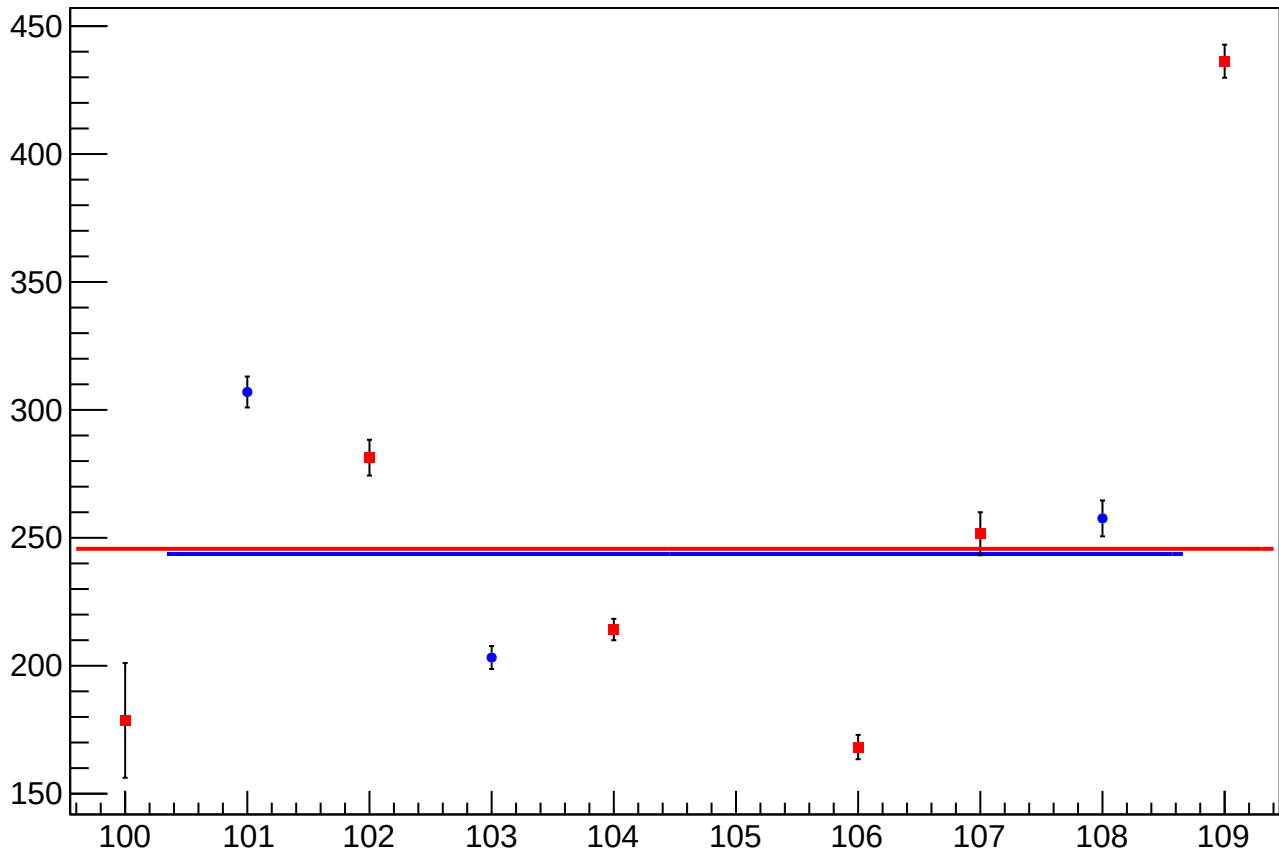
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.214 $\pm$ 2.051 χ^2 /NDF: 86.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 243.687 $\pm$ 3.202 χ^2 /NDF: 195.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 245.715 $\pm$ 2.484 χ^2 /NDF: 1226.8/5

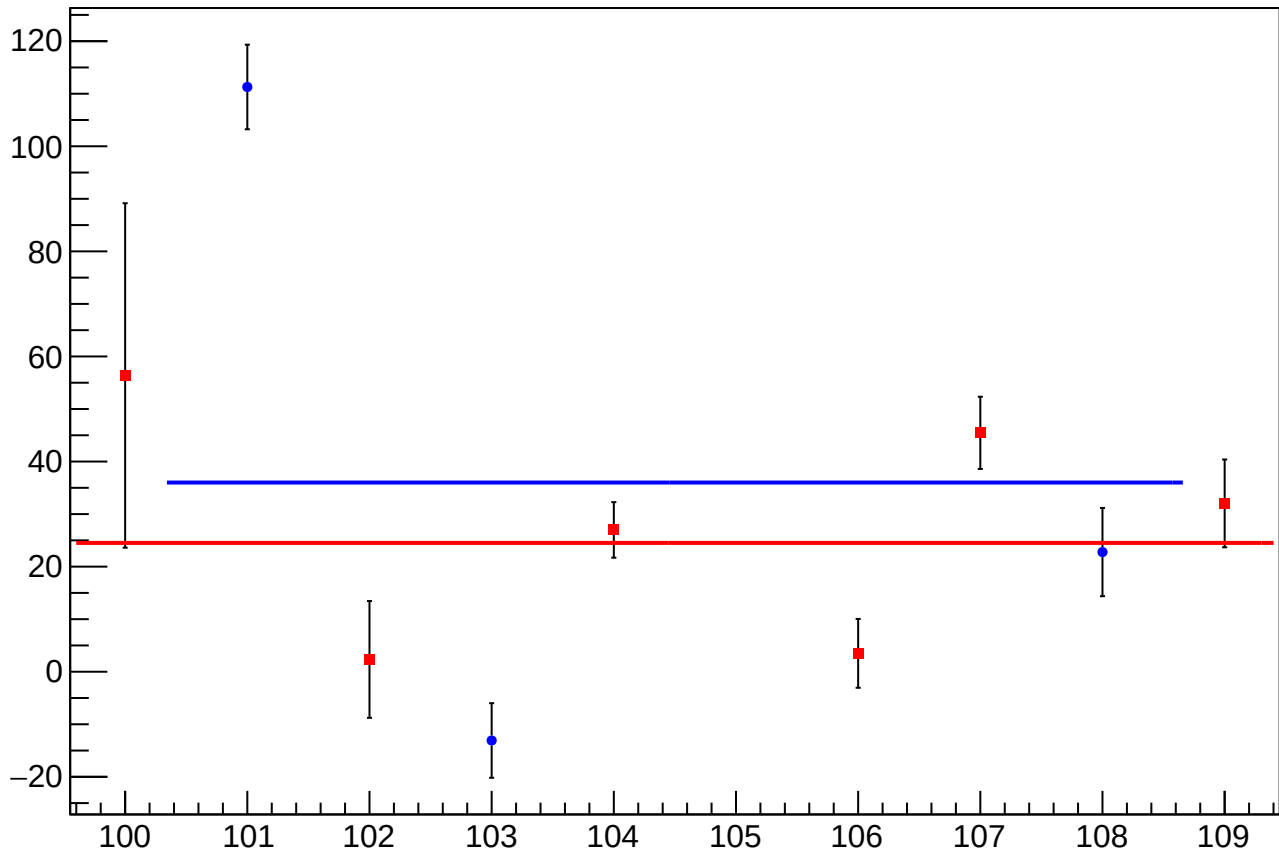
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 244.953 $\pm$ 1.963 χ^2 /NDF: 1422.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 36.004 $\pm$ 4.498 χ^2 /NDF: 137.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.515 $\pm$ 3.107 χ^2 /NDF: 25.5/5

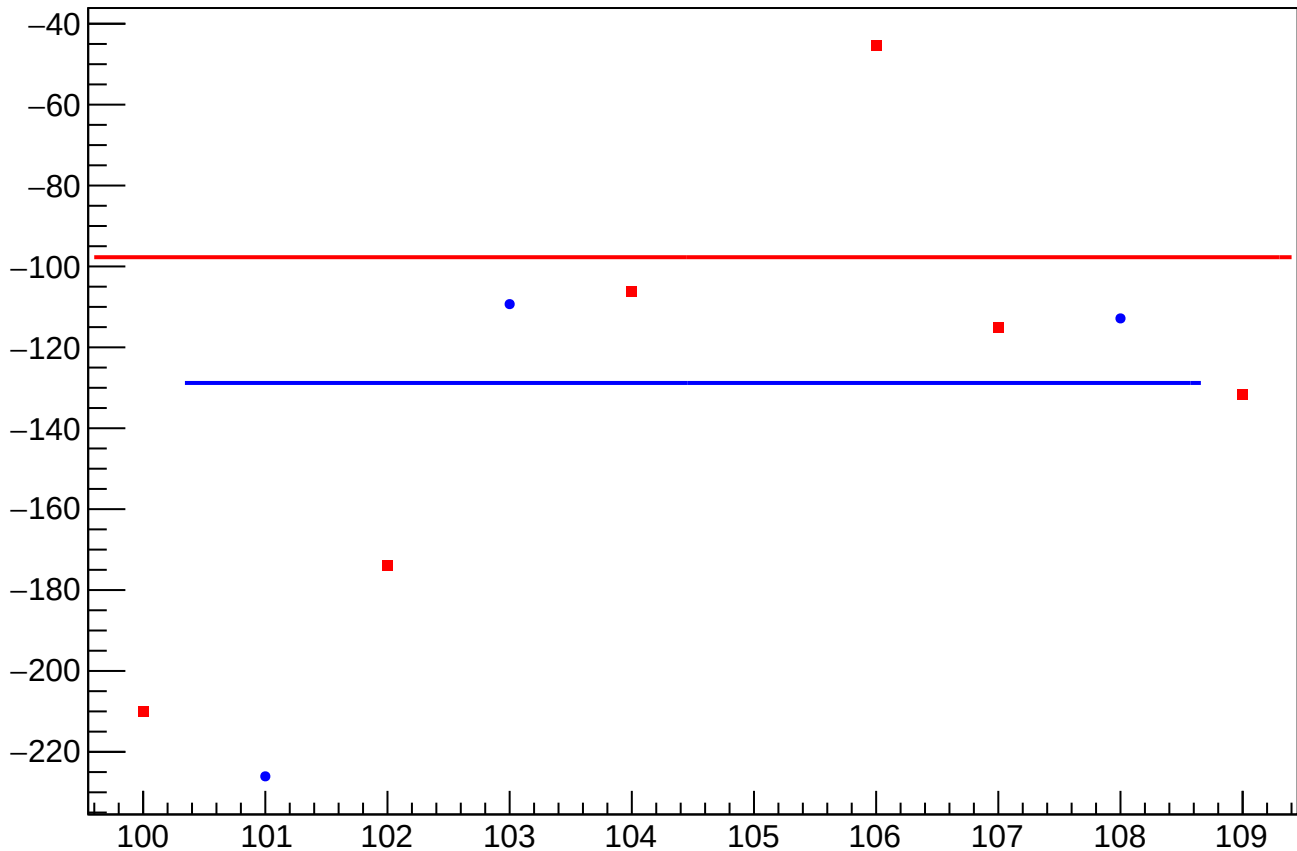
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.227 $\pm$ 2.556 χ^2 /NDF: 167.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -128.802 ± 0.144 χ^2/NDF : 86574.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -97.717 ± 0.113 χ^2/NDF : 160380.2/5

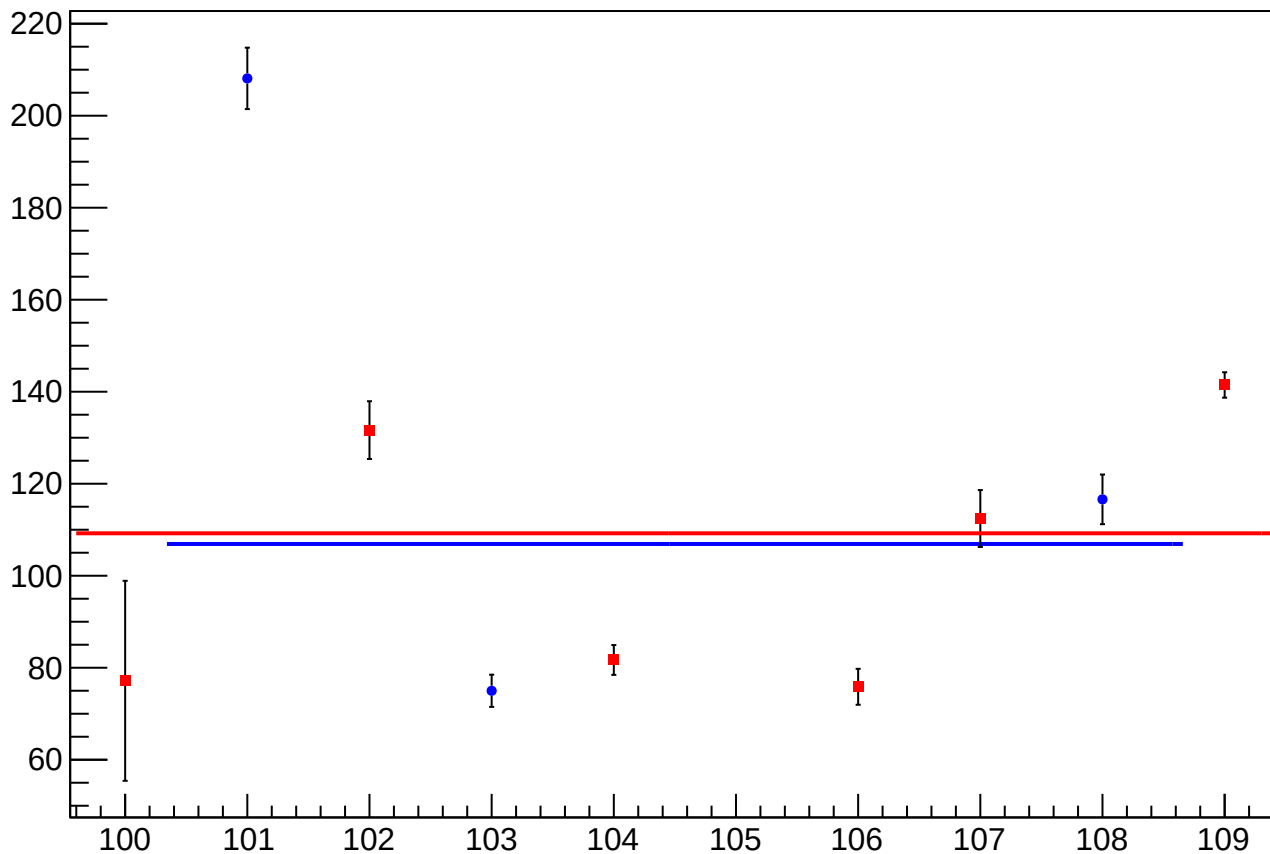
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -109.571 ± 0.089 χ^2/NDF : 275785.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 106.904 $\pm$ 2.689 χ^2 /NDF: 315.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 109.225 $\pm$ 1.701 χ^2 /NDF: 296.7/5

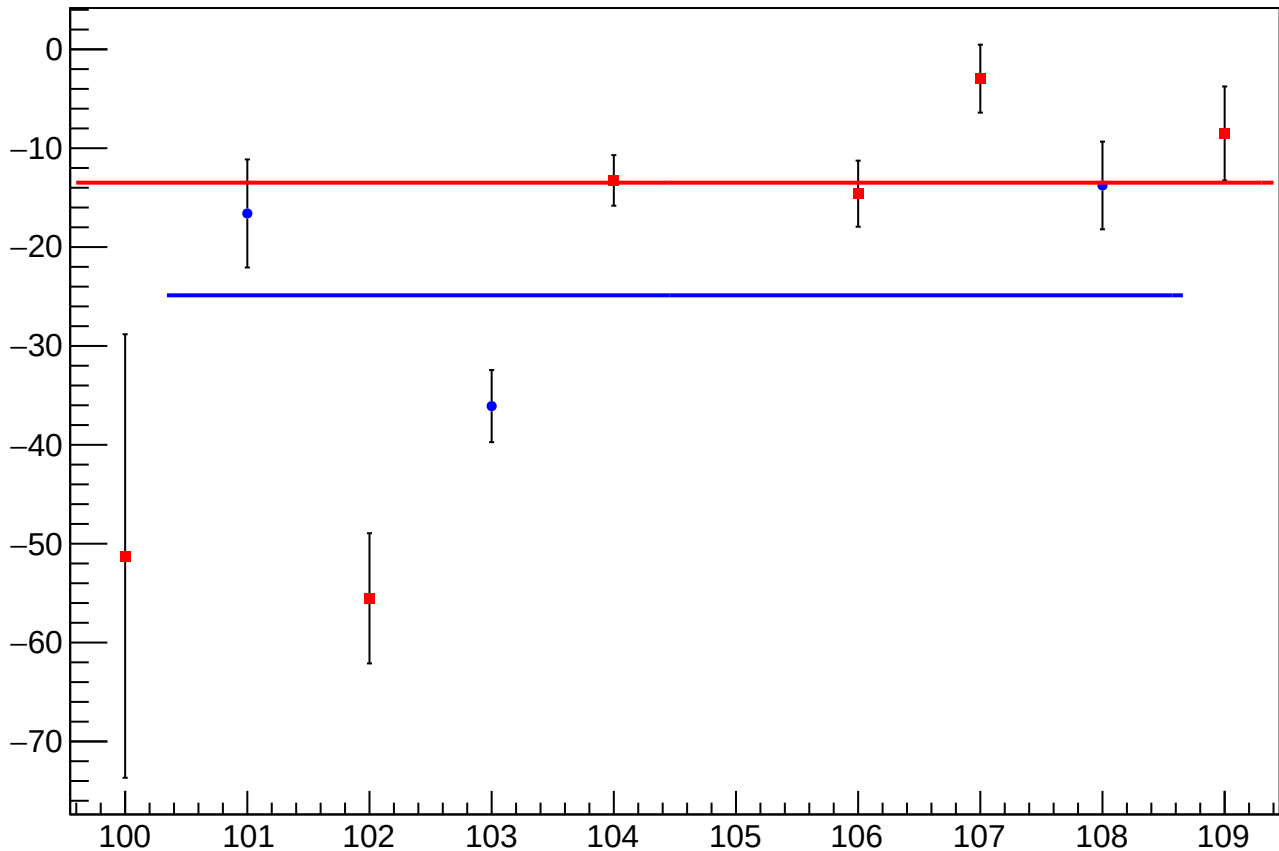
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.562 $\pm$ 1.438 χ^2 /NDF: 613.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: -24.879 $\pm$ 2.504 χ^2 /NDF: 18.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -13.483 $\pm$ 1.589 χ^2 /NDF: 54.2/5

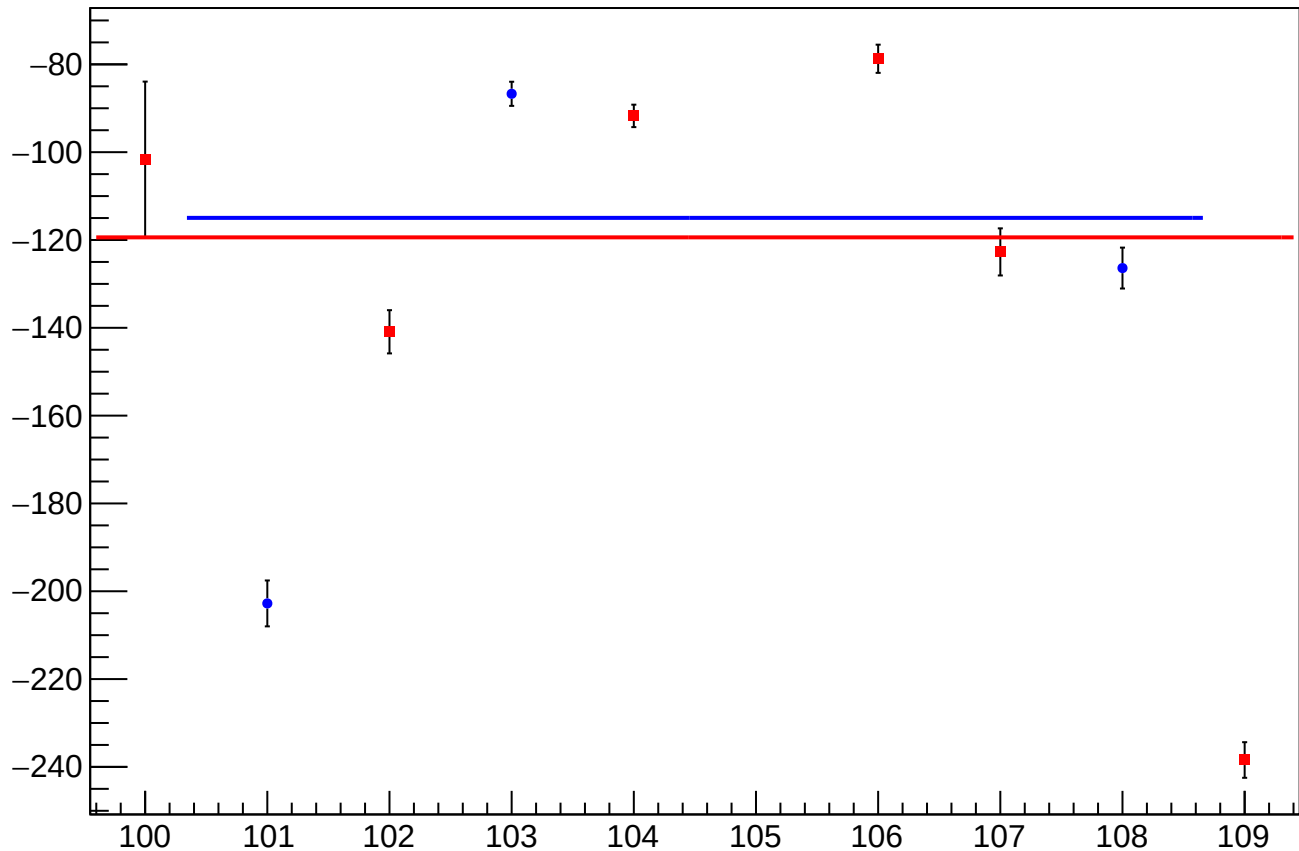
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.755 $\pm$ 1.342 χ^2 /NDF: 86.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



Right In: -114.961 ± 2.156 χ^2/NDF : 393.9/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -119.401 ± 1.601 χ^2/NDF : 1159.4/5

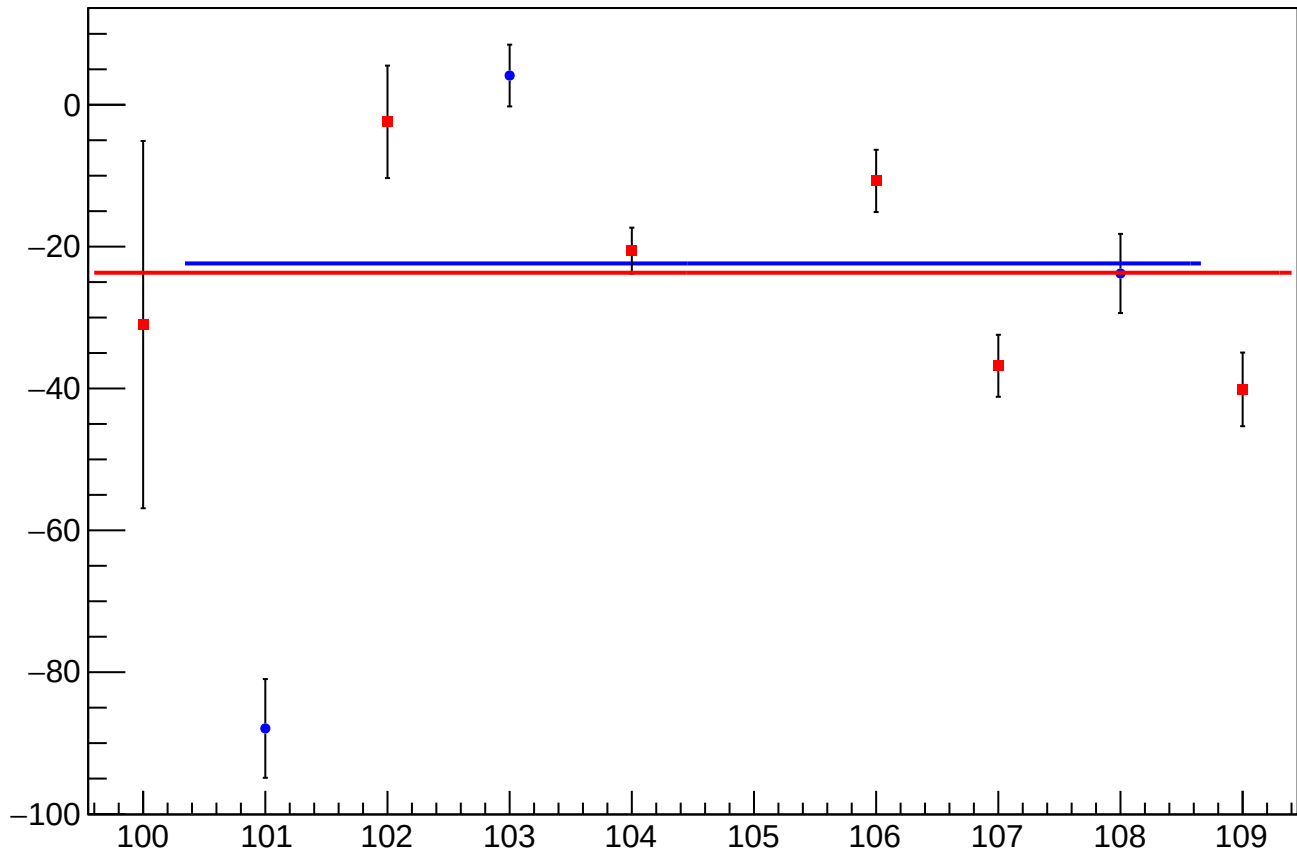
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -117.823 ± 1.285 χ^2/NDF : 1556.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



Right In: -22.370 $\pm$ 3.079 χ^2 /NDF: 125.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -23.680 $\pm$ 1.983 χ^2 /NDF: 36.0/5

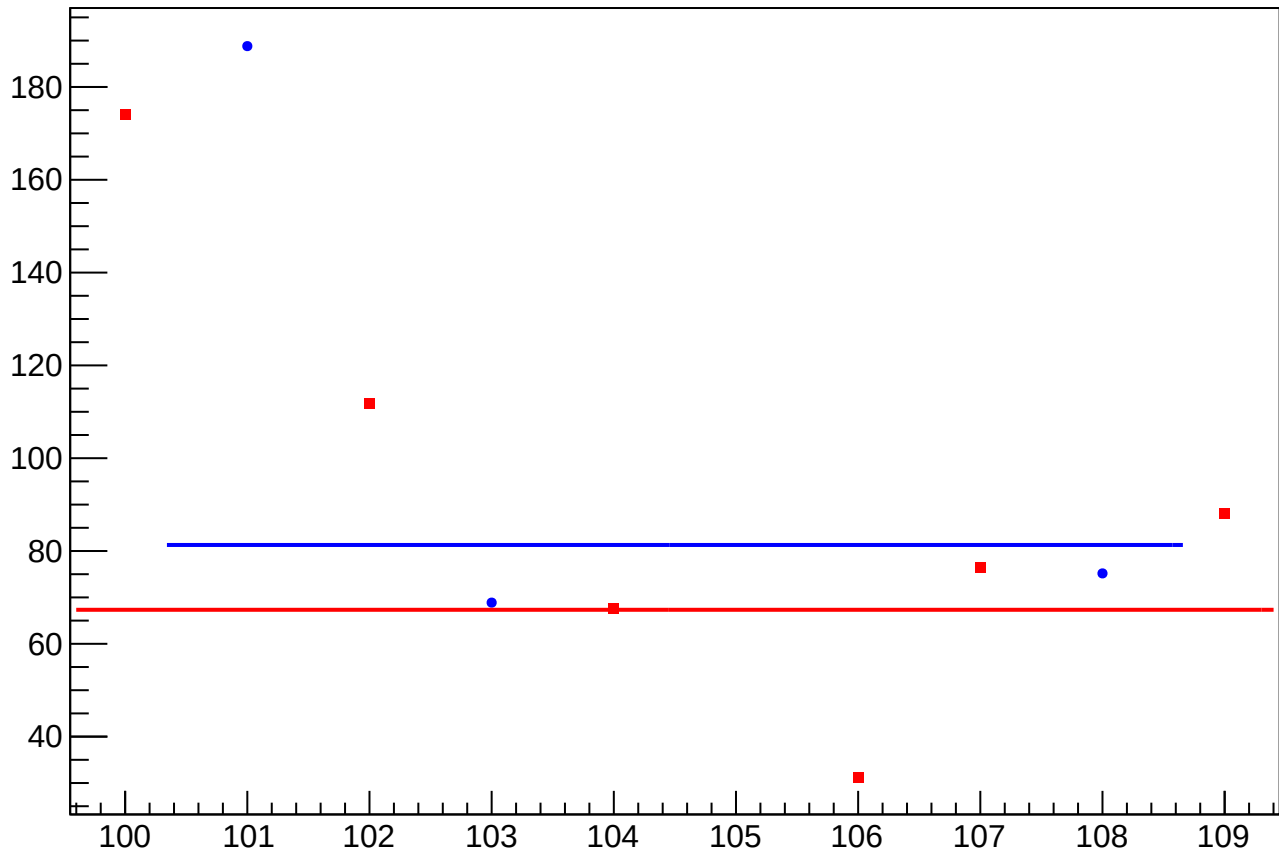
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.296 $\pm$ 1.667 χ^2 /NDF: 161.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 81.302 $\pm$ 0.094 χ^2 /NDF: 131548.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.333 $\pm$ 0.077 χ^2 /NDF: 124240.6/5

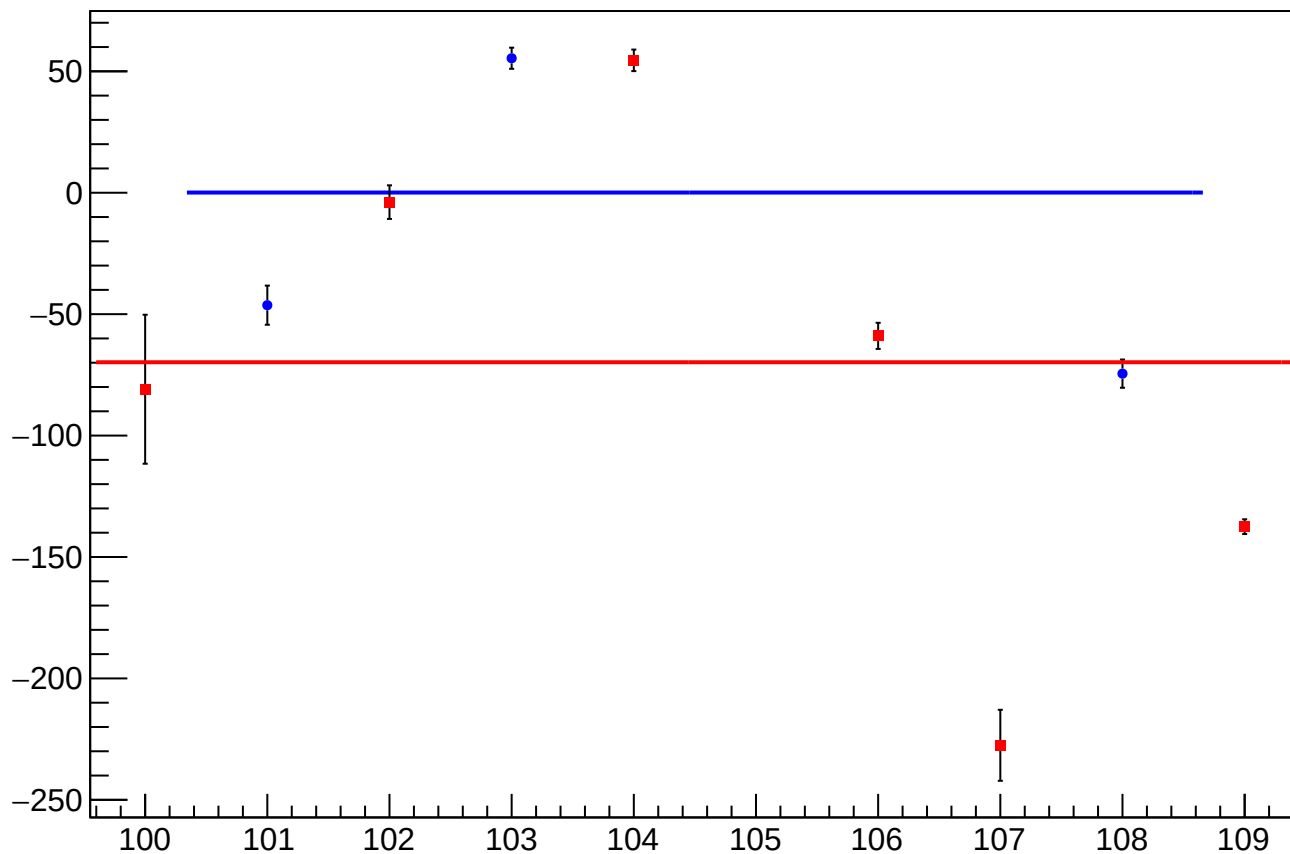
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.943 $\pm$ 0.060 χ^2 /NDF: 269001.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: 0.081 ± 3.197 χ^2/NDF : 359.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -69.805 ± 2.131 χ^2/NDF : 1493.7/5

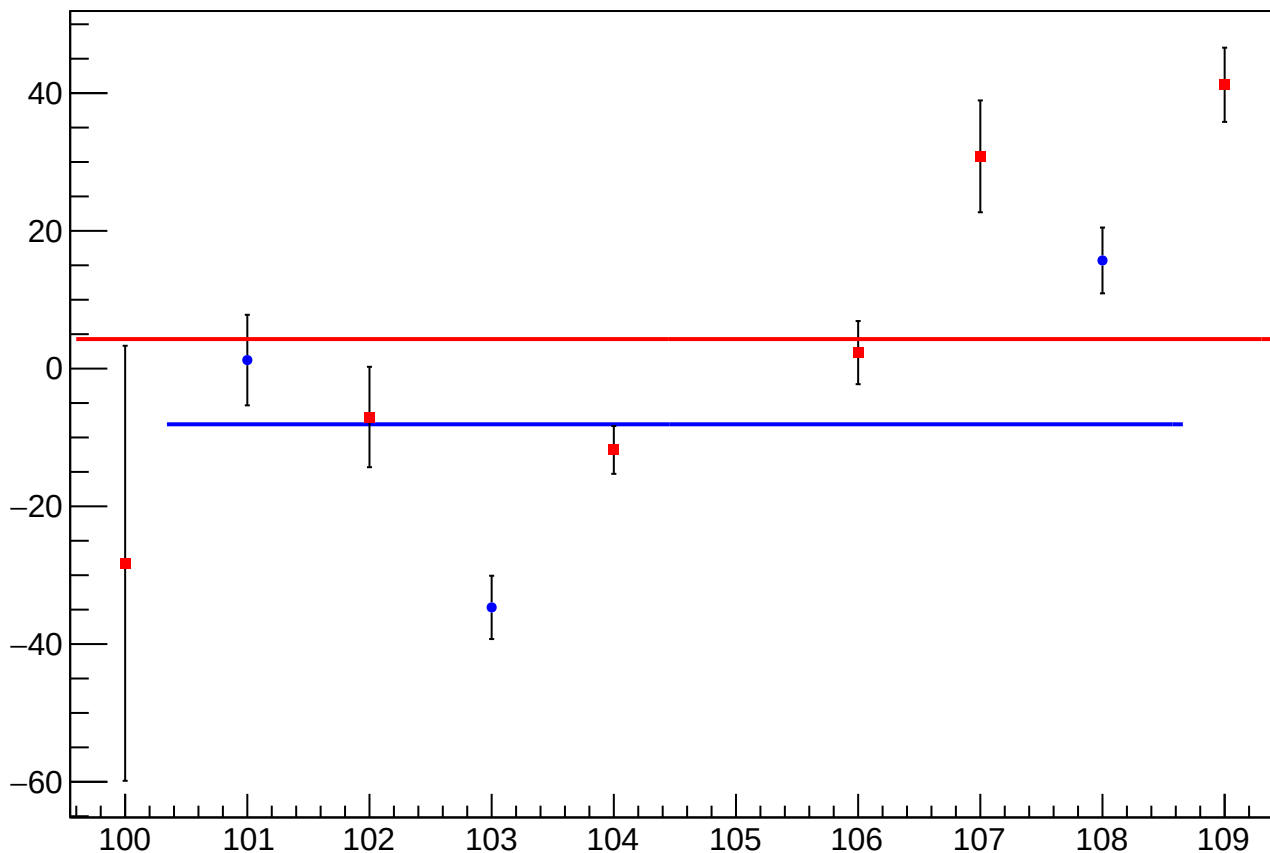
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.316 ± 1.773 χ^2/NDF : 2183.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: -8.086 $\pm$ 2.958 χ^2 /NDF: 60.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.286 $\pm$ 2.237 χ^2 /NDF: 82.8/5

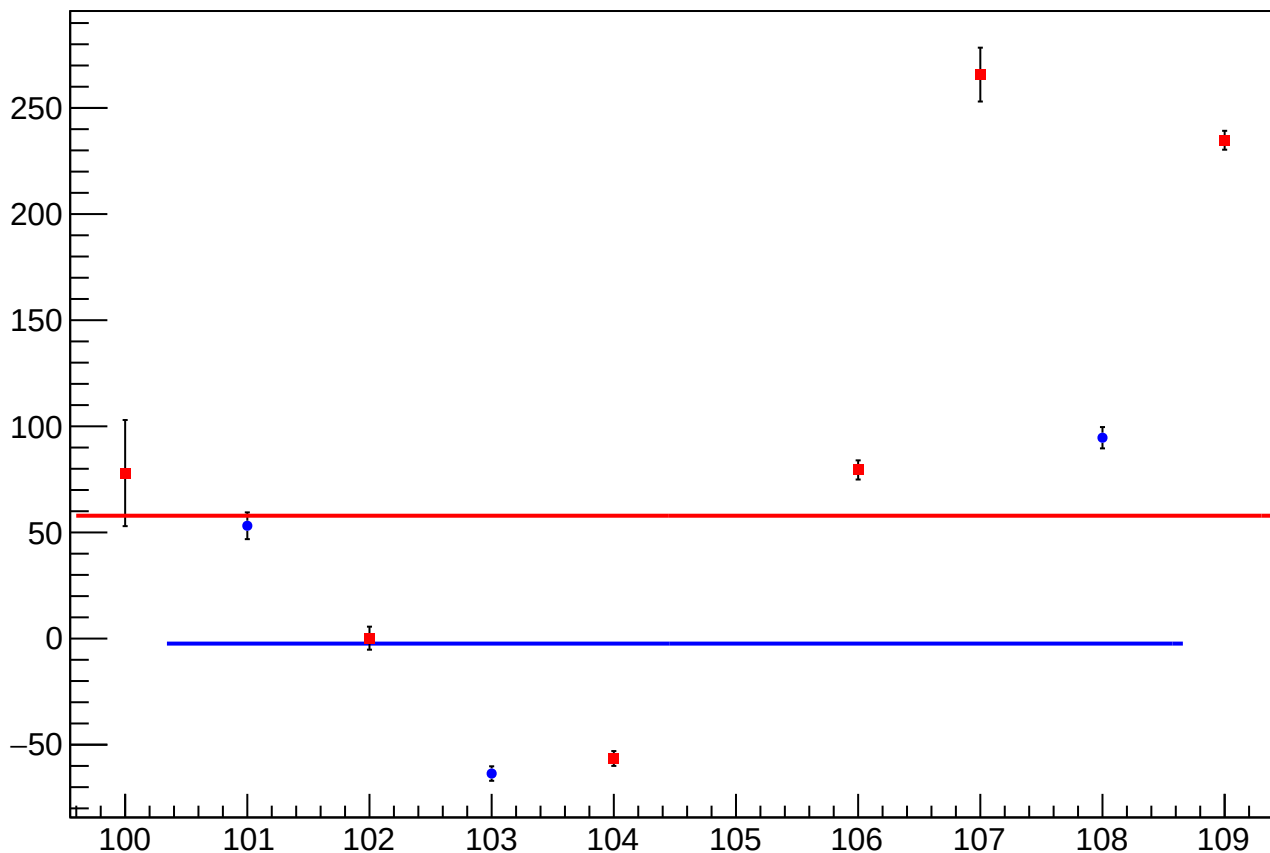
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.215 $\pm$ 1.784 χ^2 /NDF: 154.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: -2.366+/-2.577 χ^2/NDF : 772.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.883+/-2.117 χ^2/NDF : 3052.9/5

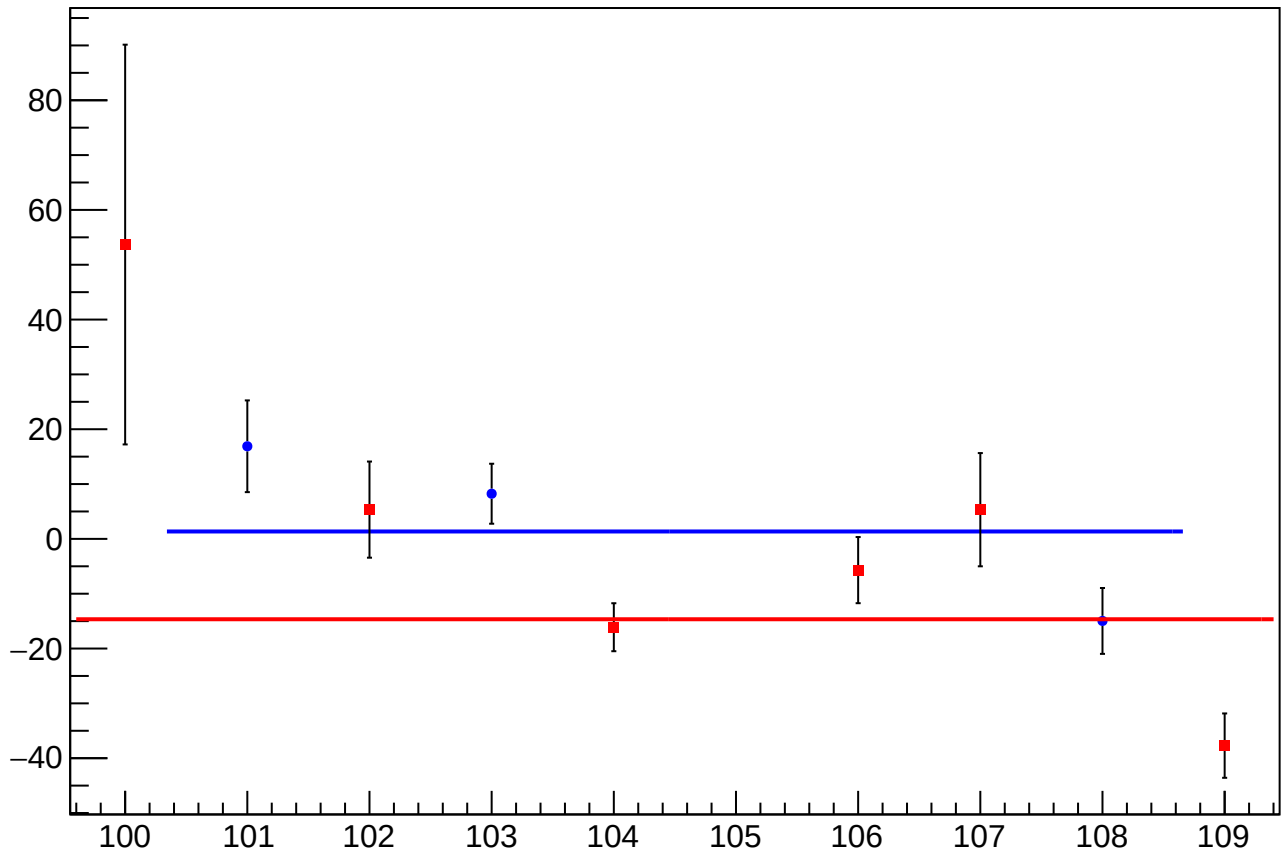
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.608+/-1.636 χ^2/NDF : 4151.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 1.351 $\pm$ 3.641 χ^2 /NDF: 12.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.659 $\pm$ 2.754 χ^2 /NDF: 30.2/5

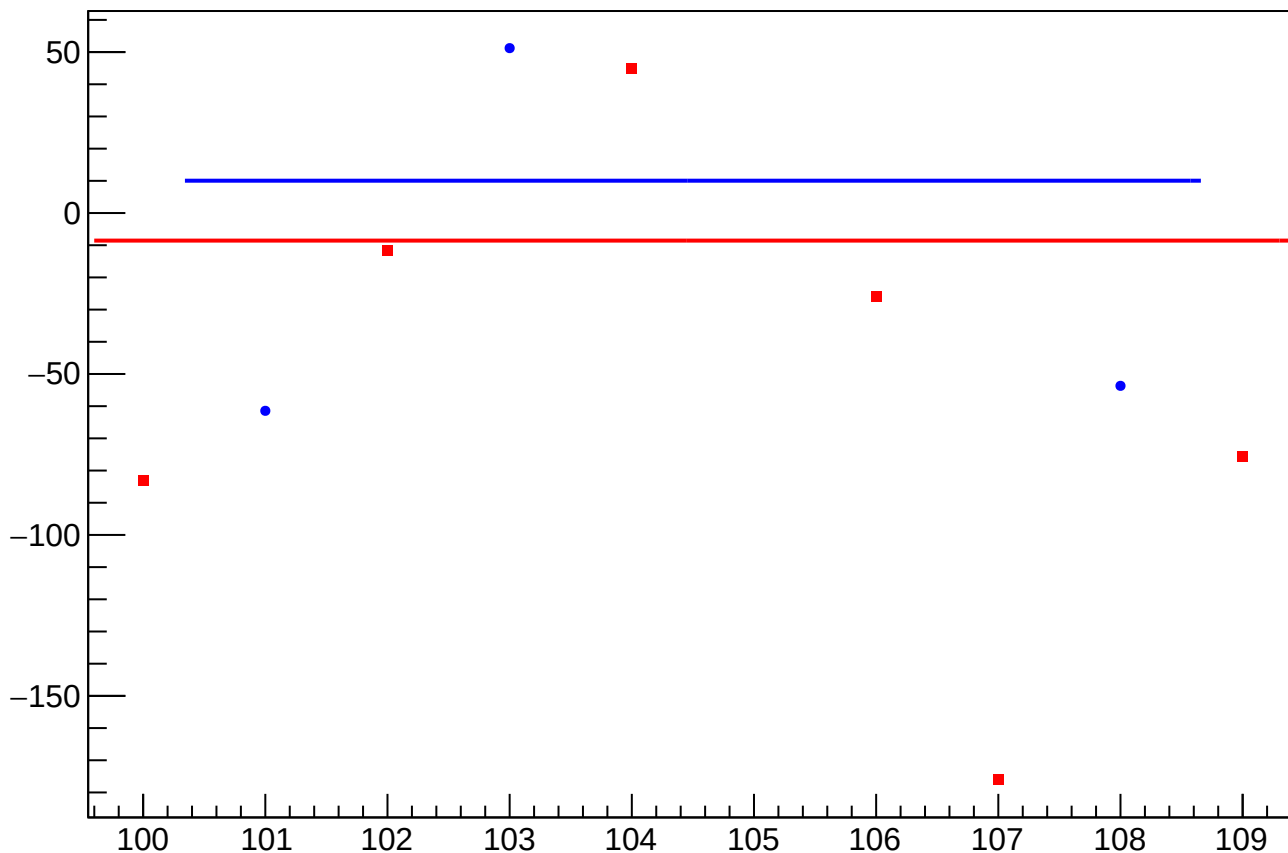
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.834 $\pm$ 2.196 χ^2 /NDF: 54.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: 10.045+/-0.111 χ^2/NDF : 217453.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.562+/-0.103 χ^2/NDF : 268743.9/5

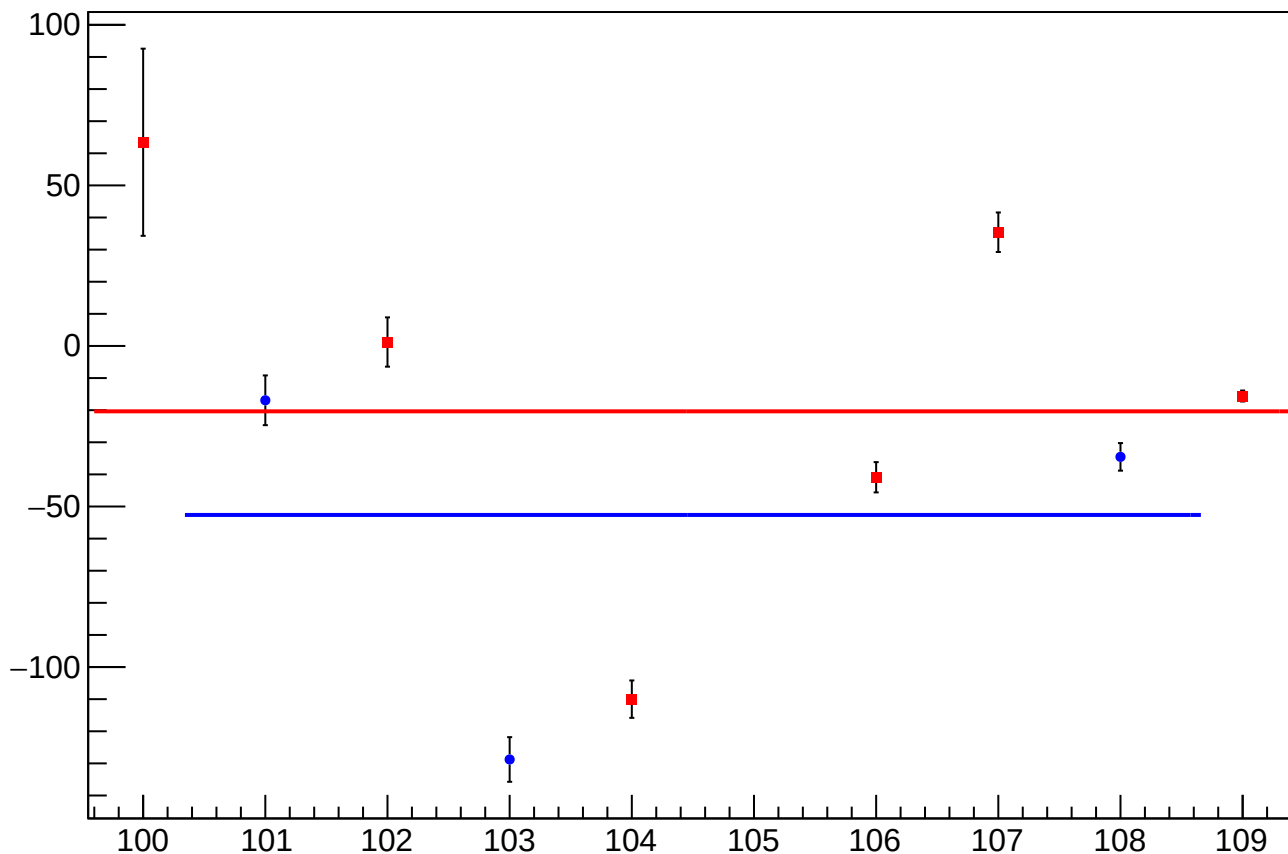
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.076 χ^2/NDF : 501218.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -52.628 $\pm$ 3.305 χ^2 /NDF: 159.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -20.361 $\pm$ 1.472 χ^2 /NDF: 362.1/5

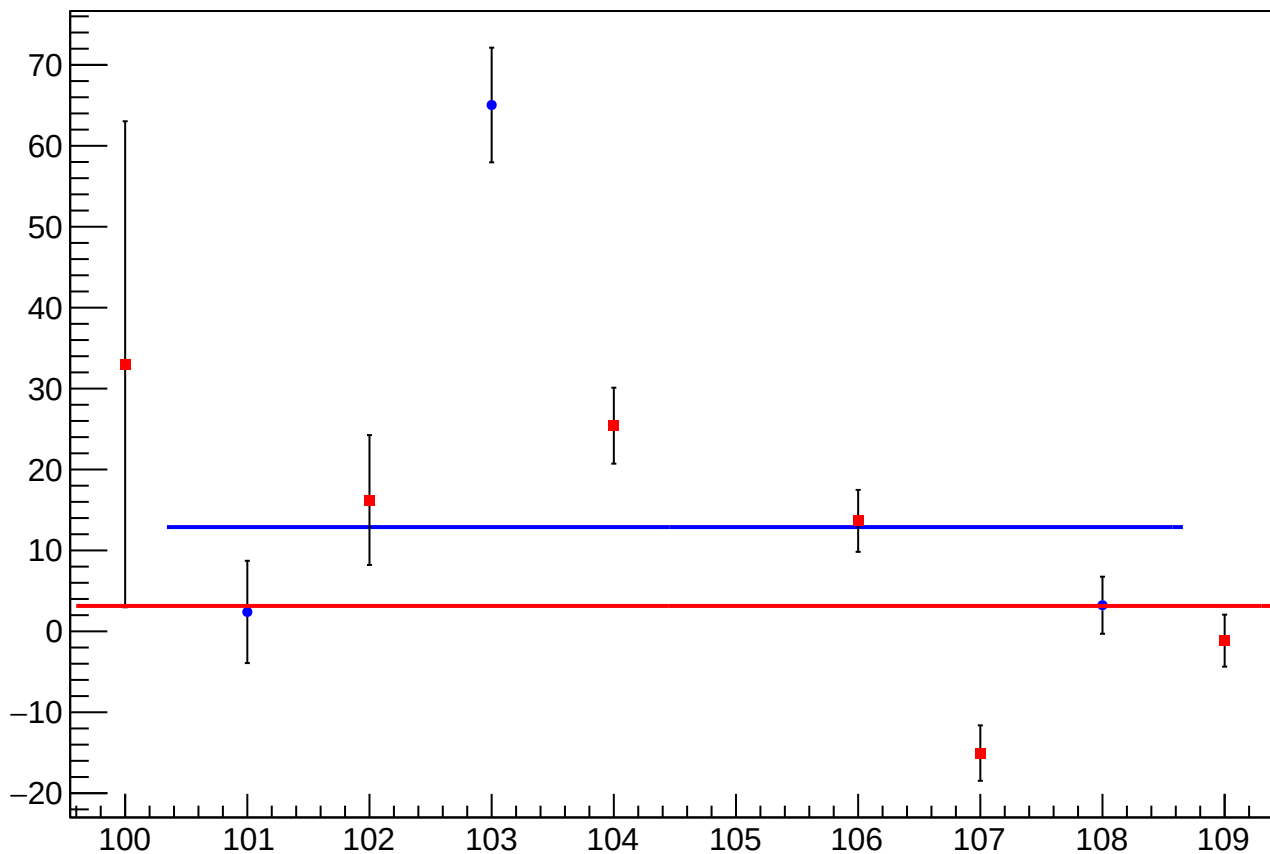
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.706 $\pm$ 1.345 χ^2 /NDF: 600.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 12.884+/-2.824 χ^2 /NDF: 64.4/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 3.141+/-1.789 χ^2 /NDF: 63.7/5

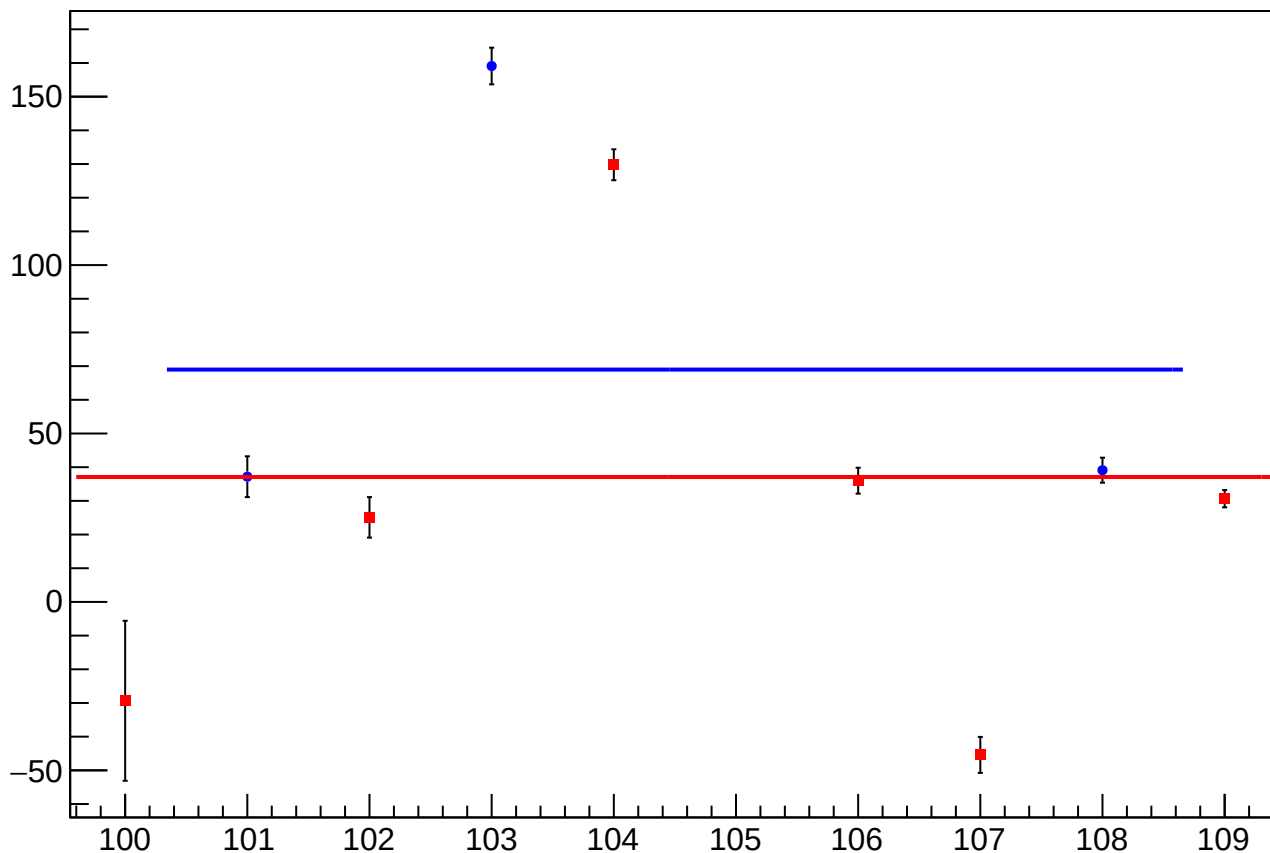
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 5.930+/-1.511 χ^2 /NDF: 136.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: 68.981 $\pm$ 2.736 χ^2 /NDF: 366.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.093 $\pm$ 1.738 χ^2 /NDF: 664.0/5

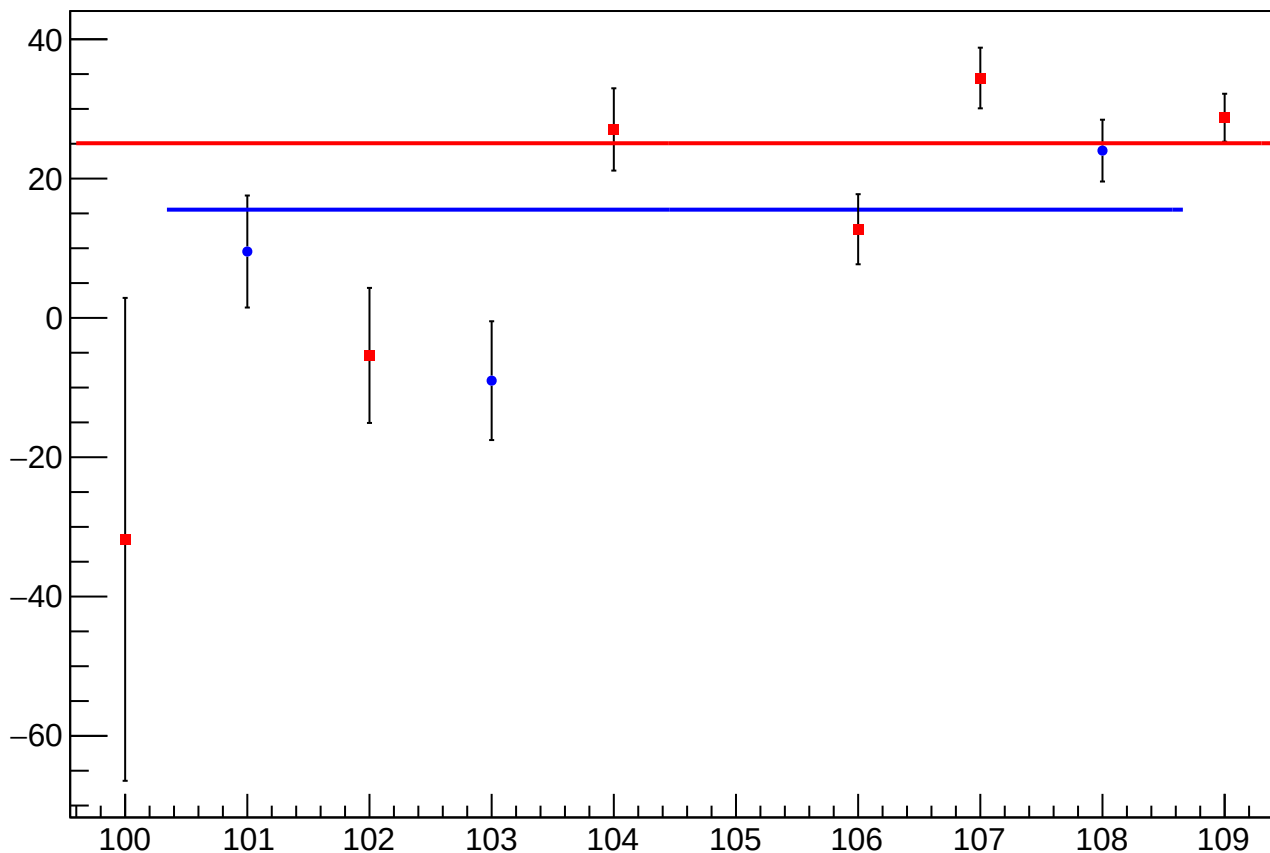
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.261 $\pm$ 1.467 χ^2 /NDF: 1127.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: 15.539 $\pm$ 3.535 χ^2 /NDF: 12.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.073 $\pm$ 2.148 χ^2 /NDF: 24.5/5

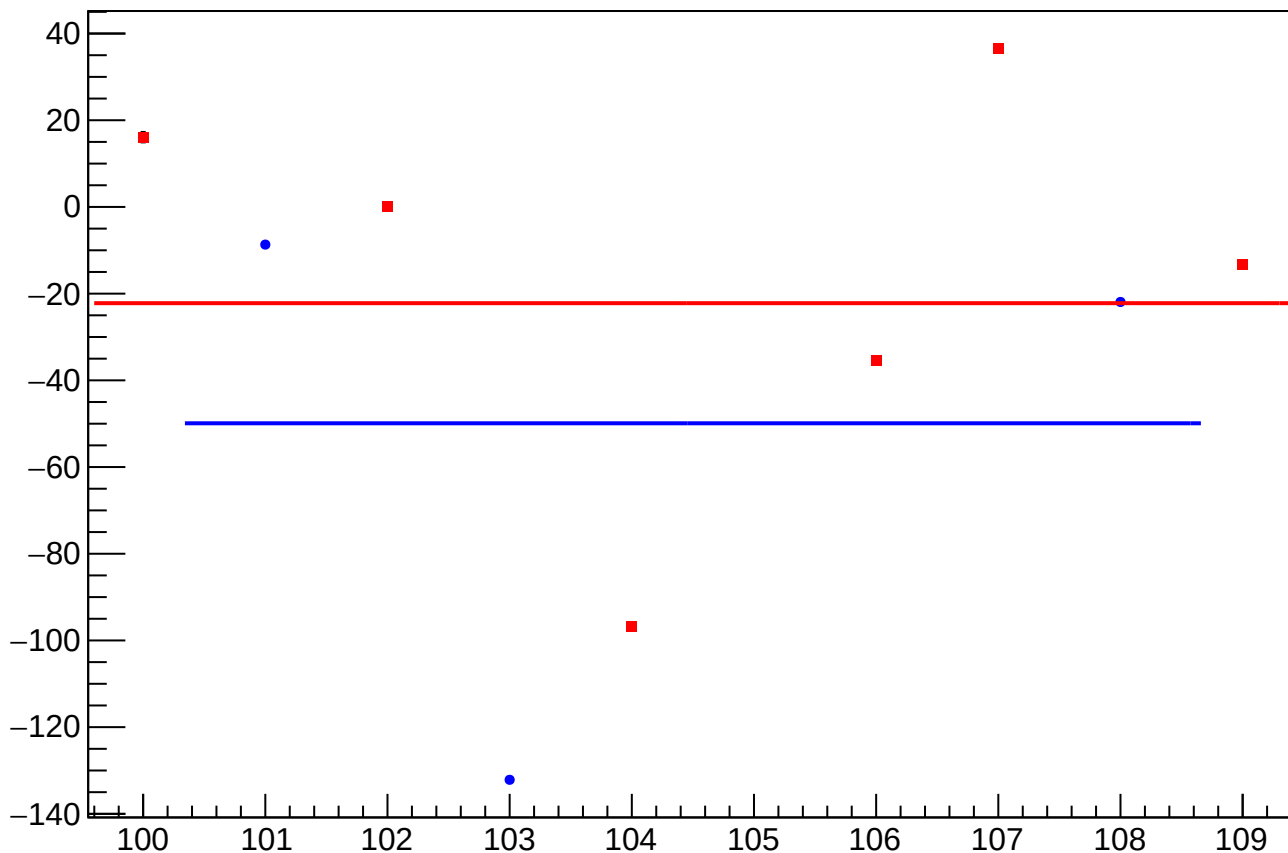
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.501 $\pm$ 1.836 χ^2 /NDF: 42.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: -49.905 $\pm$ 0.119 χ^2 /NDF: 174542.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.200 $\pm$ 0.093 χ^2 /NDF: 200211.4/5

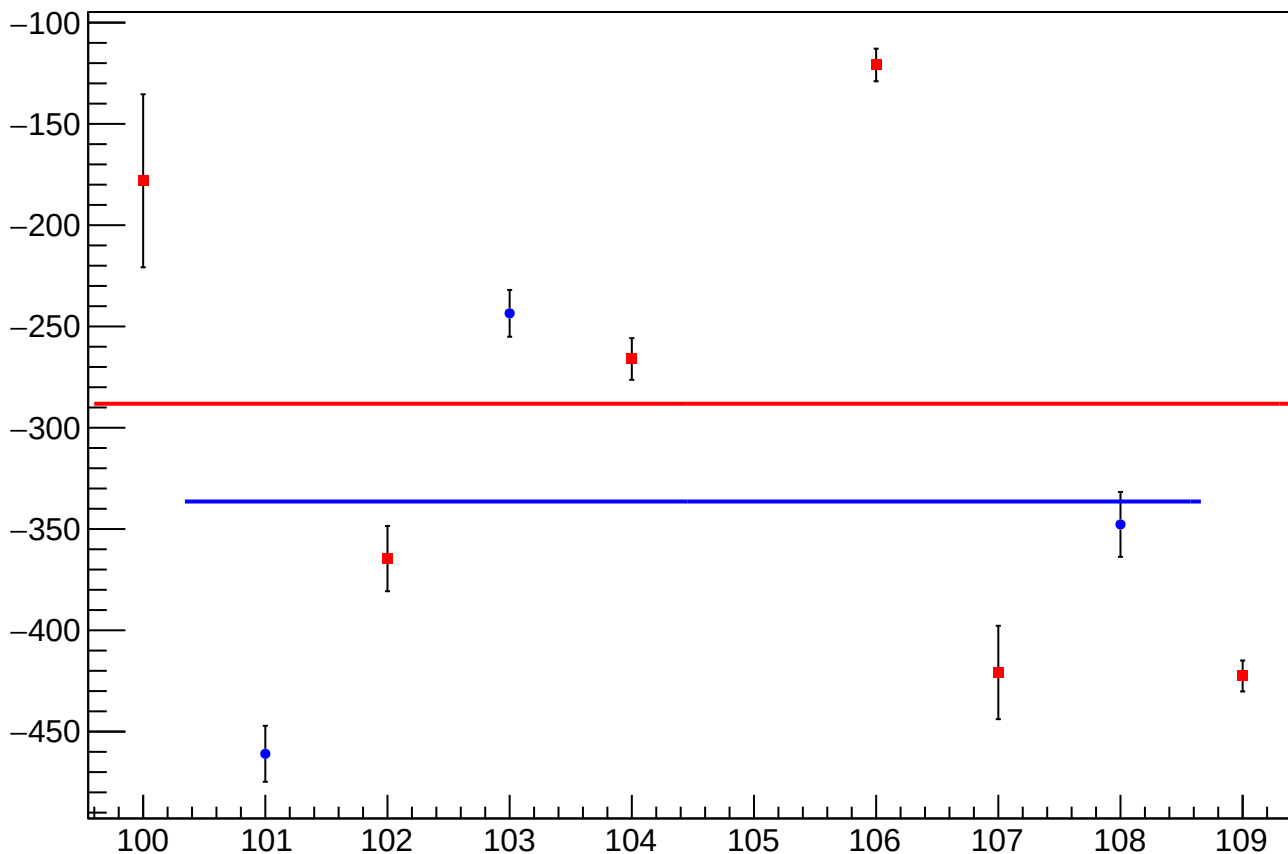
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.705 $\pm$ 0.073 χ^2 /NDF: 408256.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -336.414+/-7.753 χ^2/NDF : 146.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -288.145+/-4.550 χ^2/NDF : 808.4/5

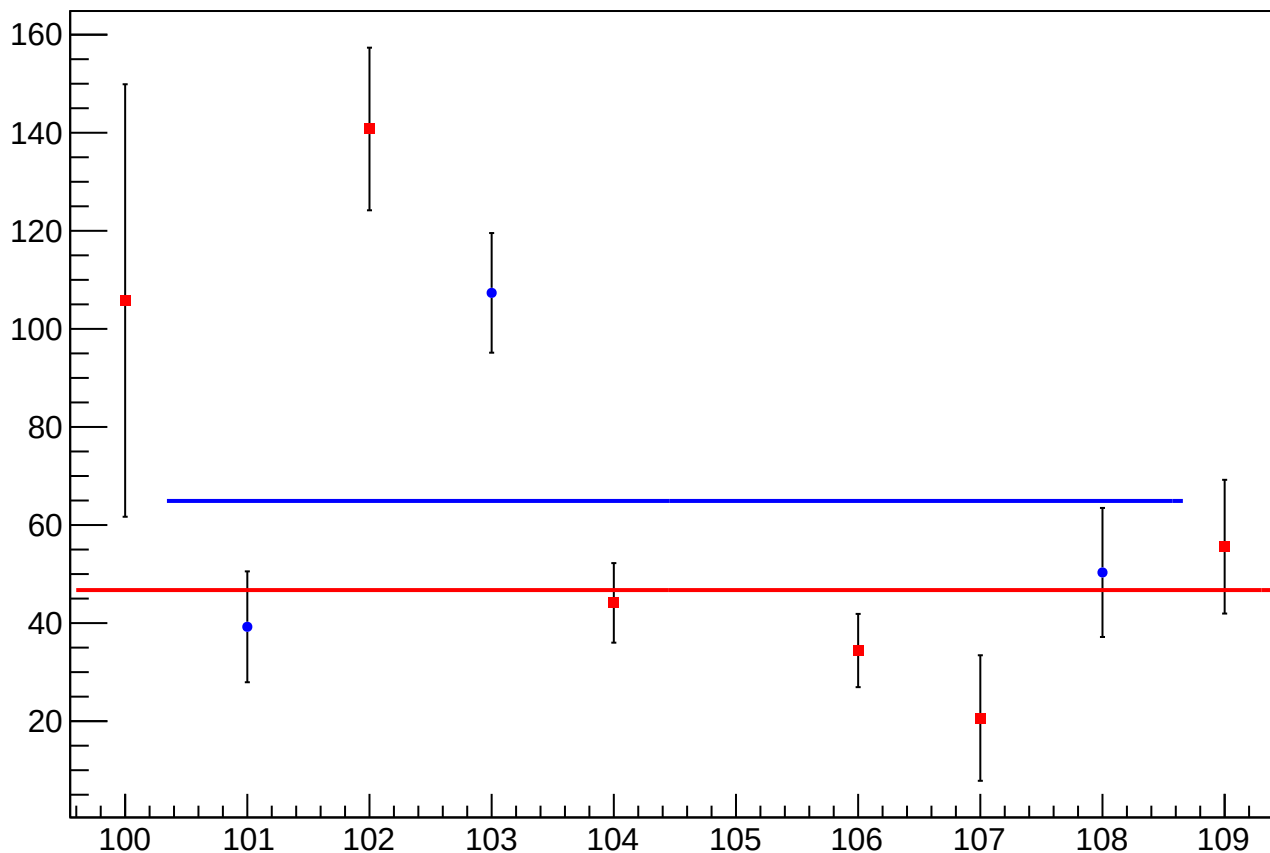
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -300.511+/-3.924 χ^2/NDF : 983.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 64.913+/-7.016 χ^2/NDF : 18.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.735+/-4.529 χ^2/NDF : 41.4/5

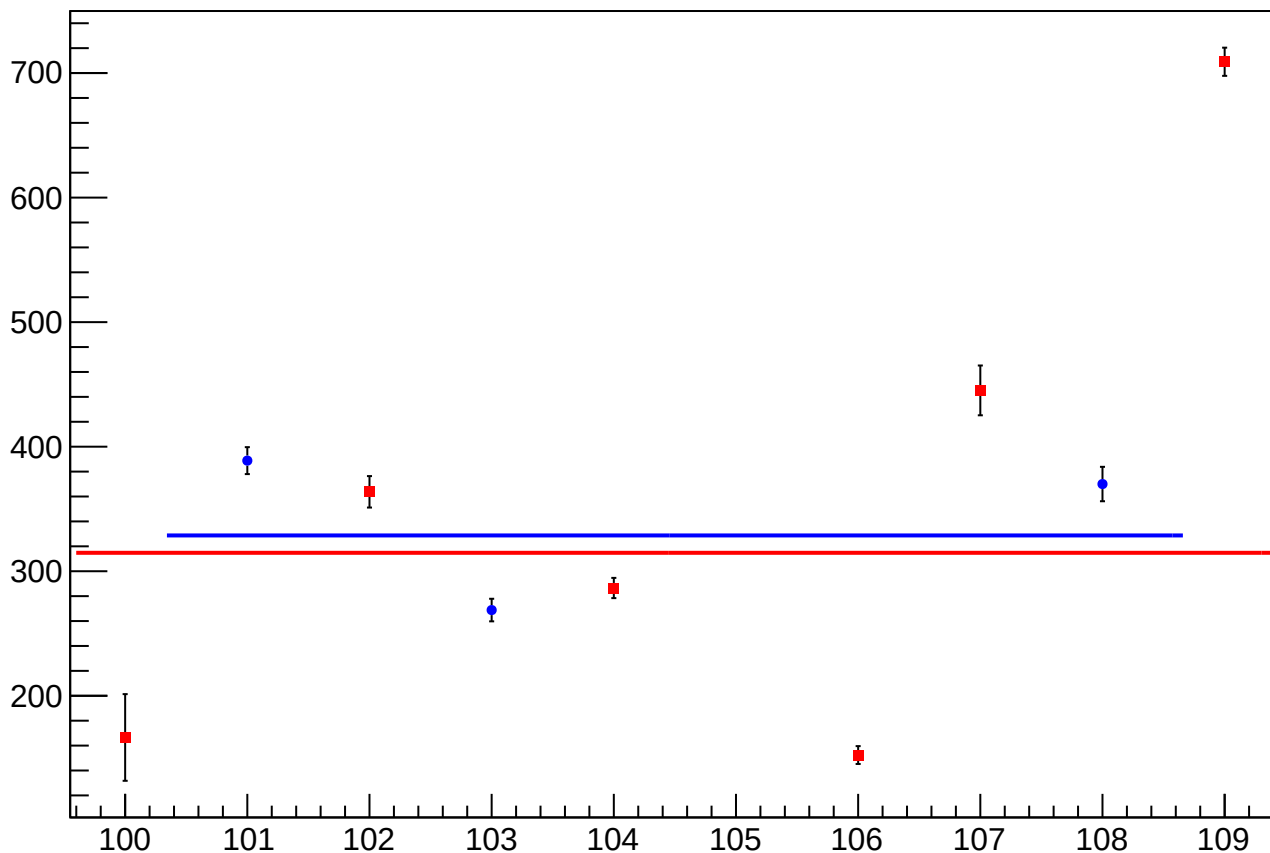
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.083+/-3.805 χ^2/NDF : 64.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 328.738 $\pm$ 6.206 χ^2 /NDF: 83.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 314.797 $\pm$ 4.383 χ^2 /NDF: 1815.4/5

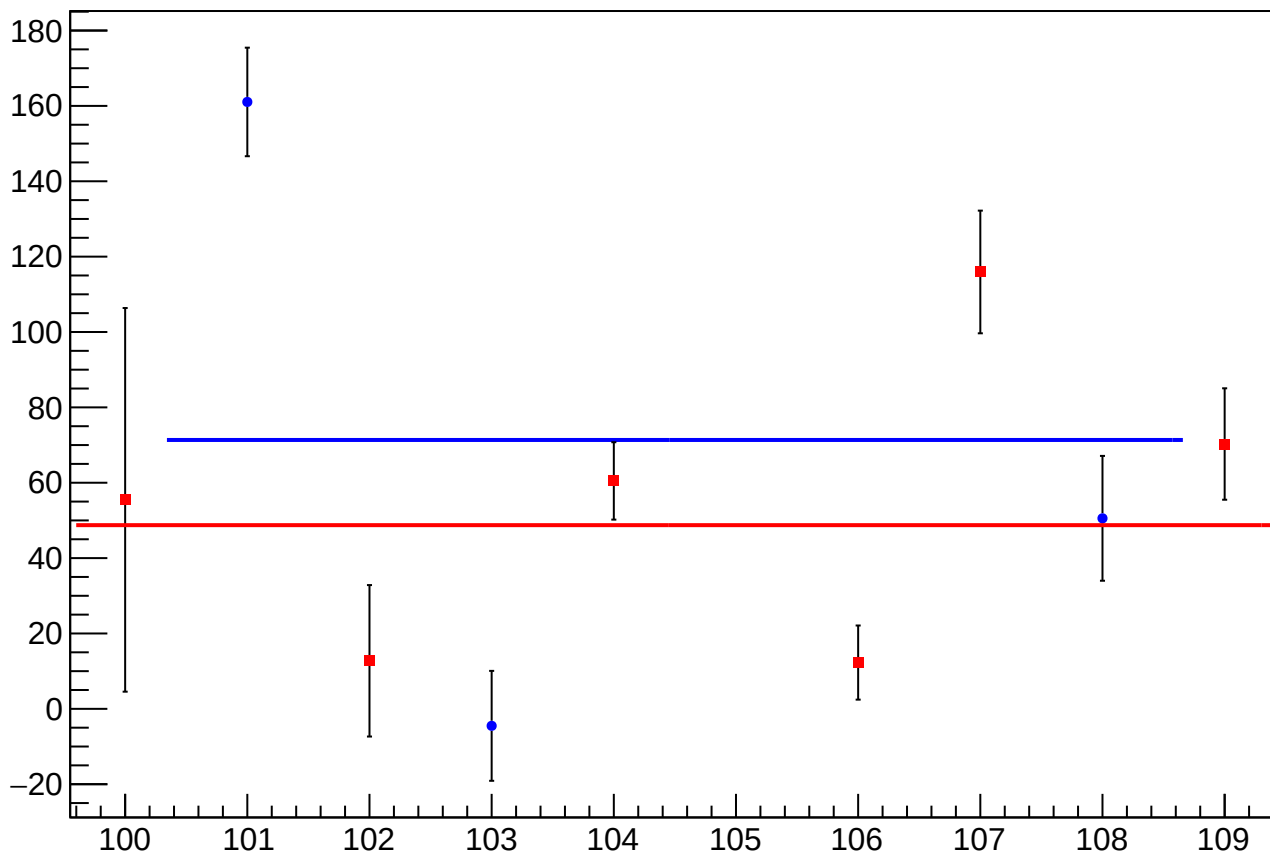
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 319.437 $\pm$ 3.580 χ^2 /NDF: 1902.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 71.350 $\pm$ 8.715 χ^2 /NDF: 67.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.744 $\pm$ 5.677 χ^2 /NDF: 37.4/5

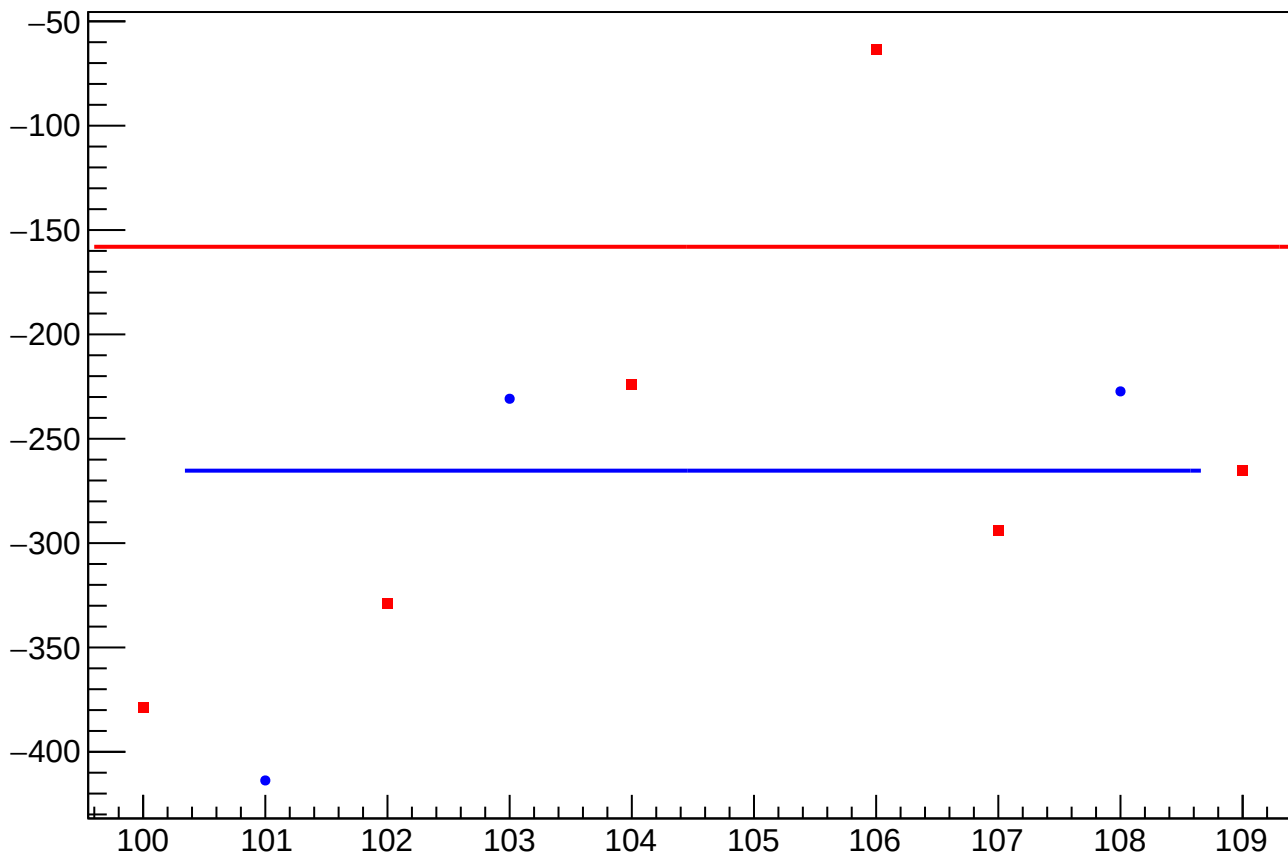
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.479 $\pm$ 4.757 χ^2 /NDF: 109.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -265.285 $\pm$ 0.284 χ^2 /NDF: 65530.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -158.017 $\pm$ 0.187 χ^2 /NDF: 324106.4/5

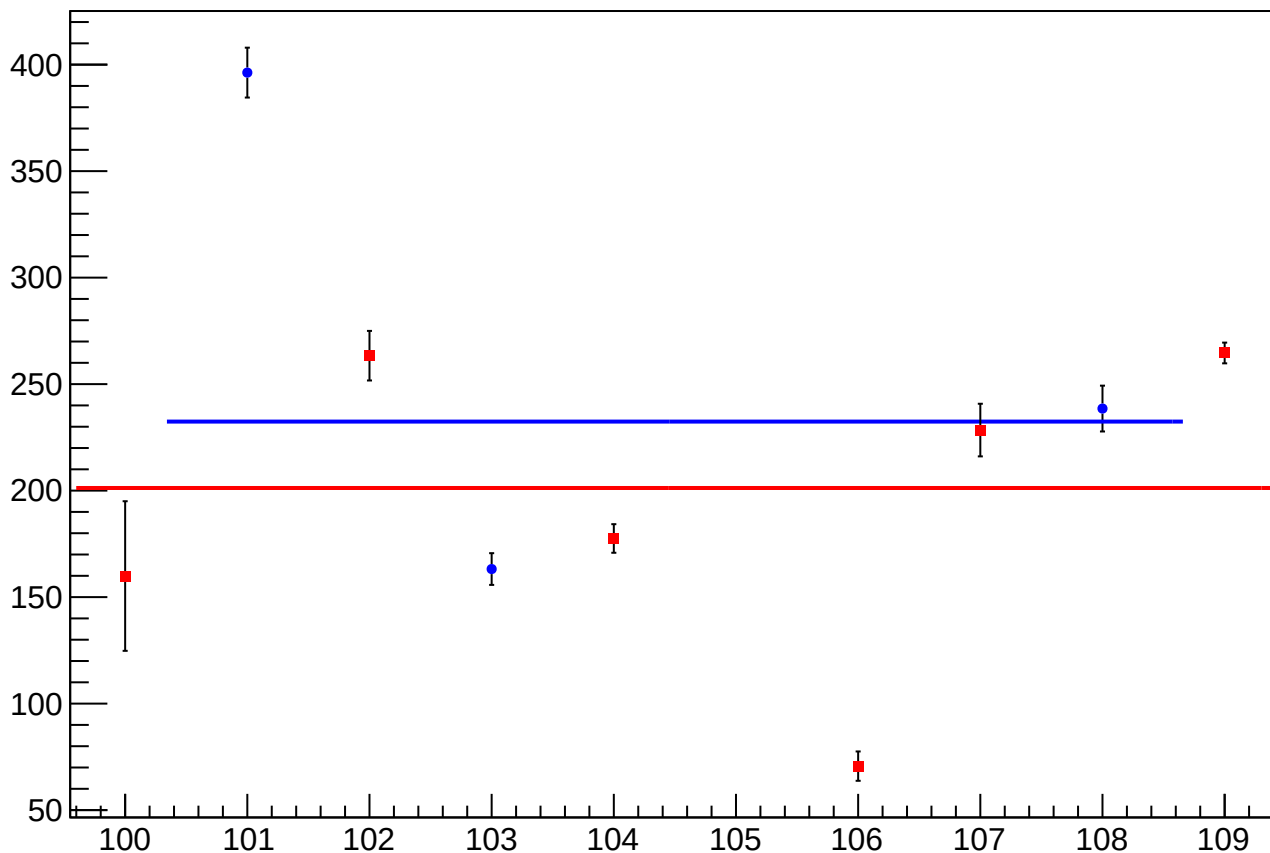
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -190.555 $\pm$ 0.156 χ^2 /NDF: 489164.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 232.413 ± 5.427 χ^2/NDF : 282.4/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 201.235 ± 3.159 χ^2/NDF : 576.3/5

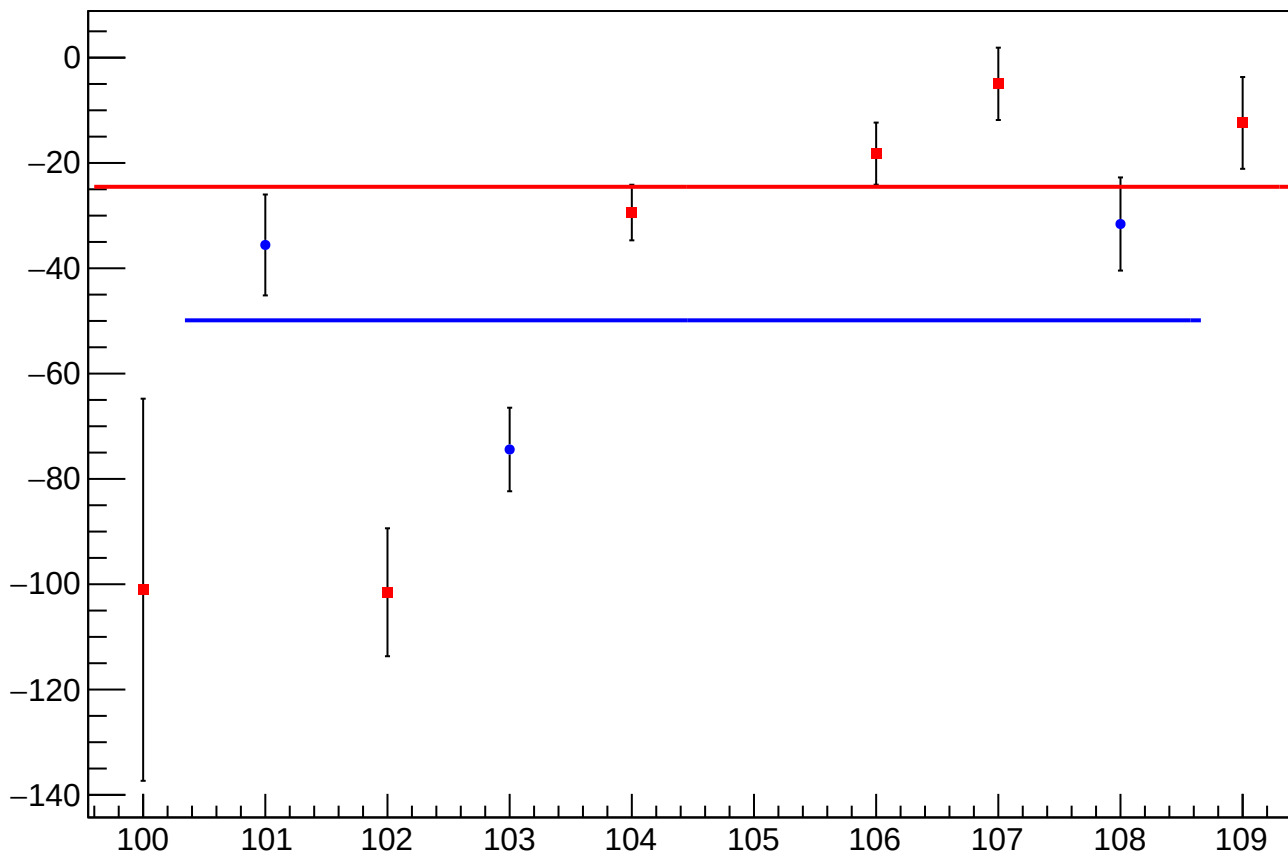
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 209.124 ± 2.730 χ^2/NDF : 883.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -49.884 ± 5.027 χ^2/NDF : 16.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.525 ± 3.063 χ^2/NDF : 56.7/5

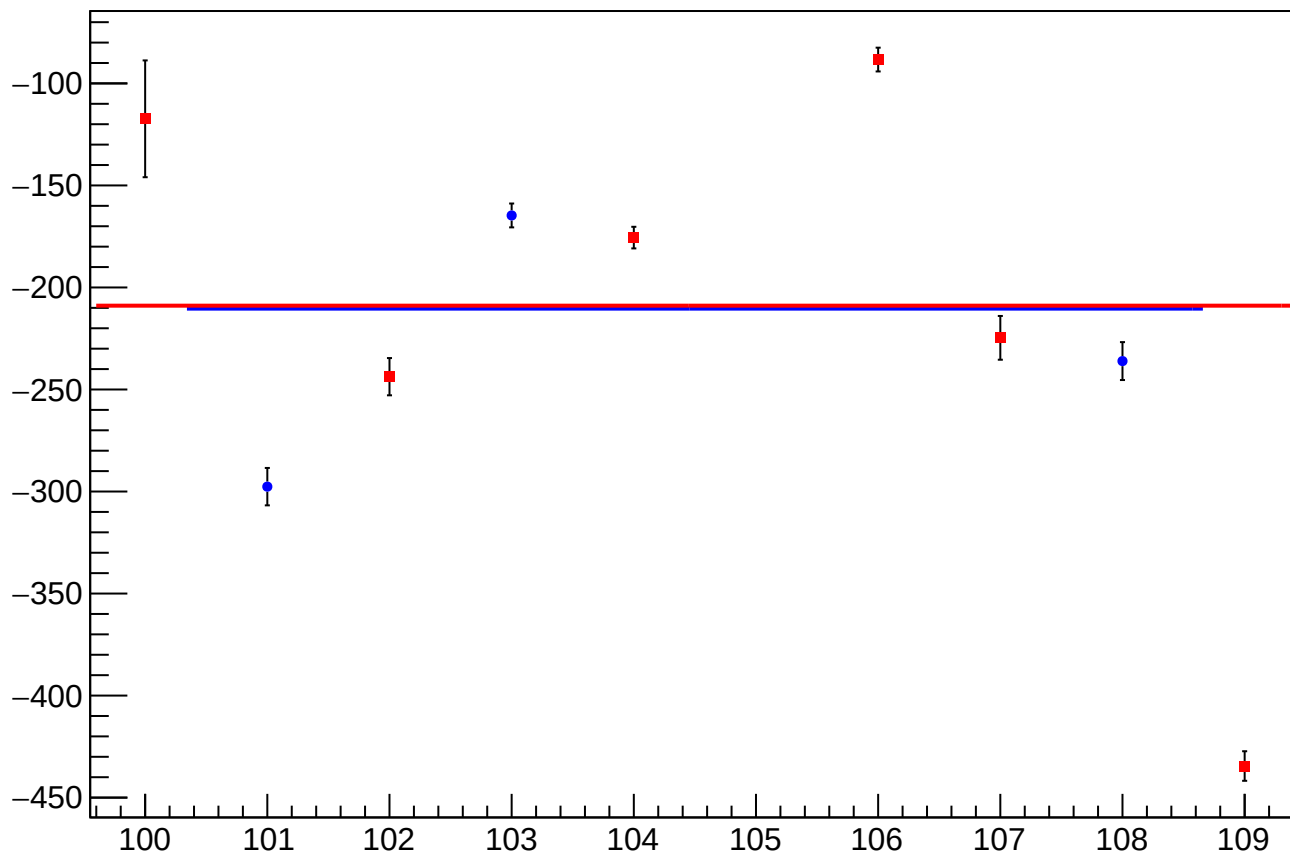
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.391 ± 2.616 χ^2/NDF : 91.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -210.367 ± 4.354 χ^2/NDF : 159.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -208.923 ± 3.070 χ^2/NDF : 1464.8/5

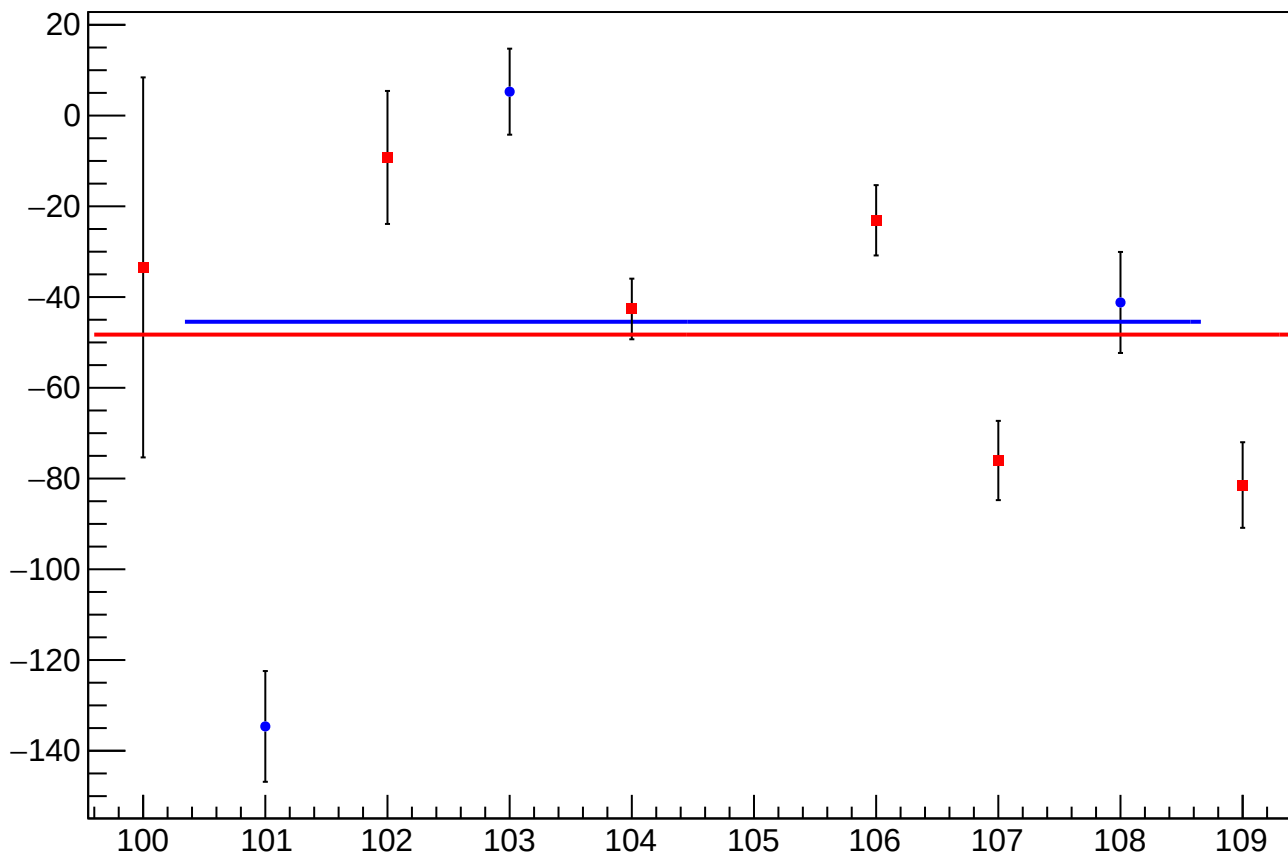
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -209.403 ± 2.509 χ^2/NDF : 1624.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -45.445 $\pm$ 6.213 χ^2 /NDF: 82.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -48.275 $\pm$ 3.817 χ^2 /NDF: 41.0/5

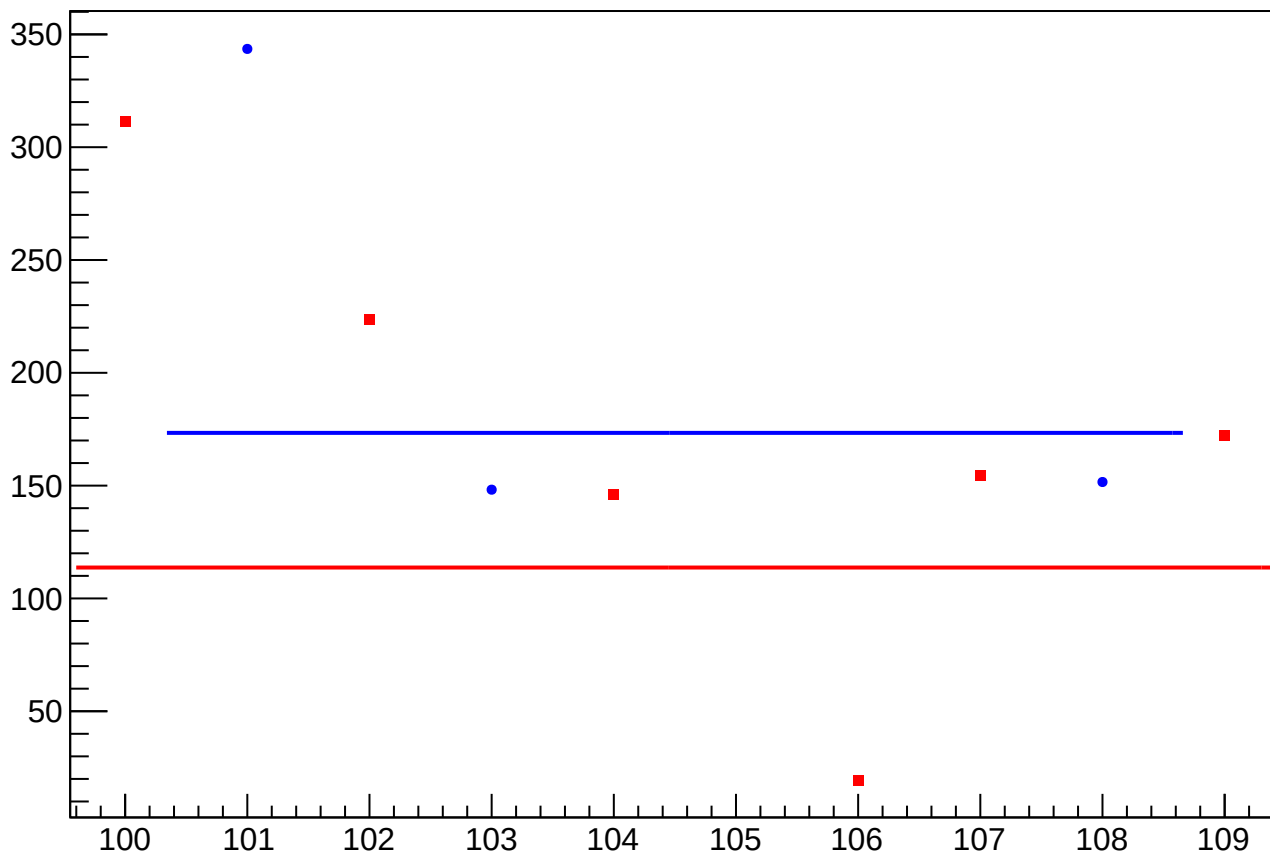
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.499 $\pm$ 3.252 χ^2 /NDF: 123.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 173.379+/-0.193 χ^2/NDF : 110523.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.695+/-0.142 χ^2/NDF : 299378.2/5

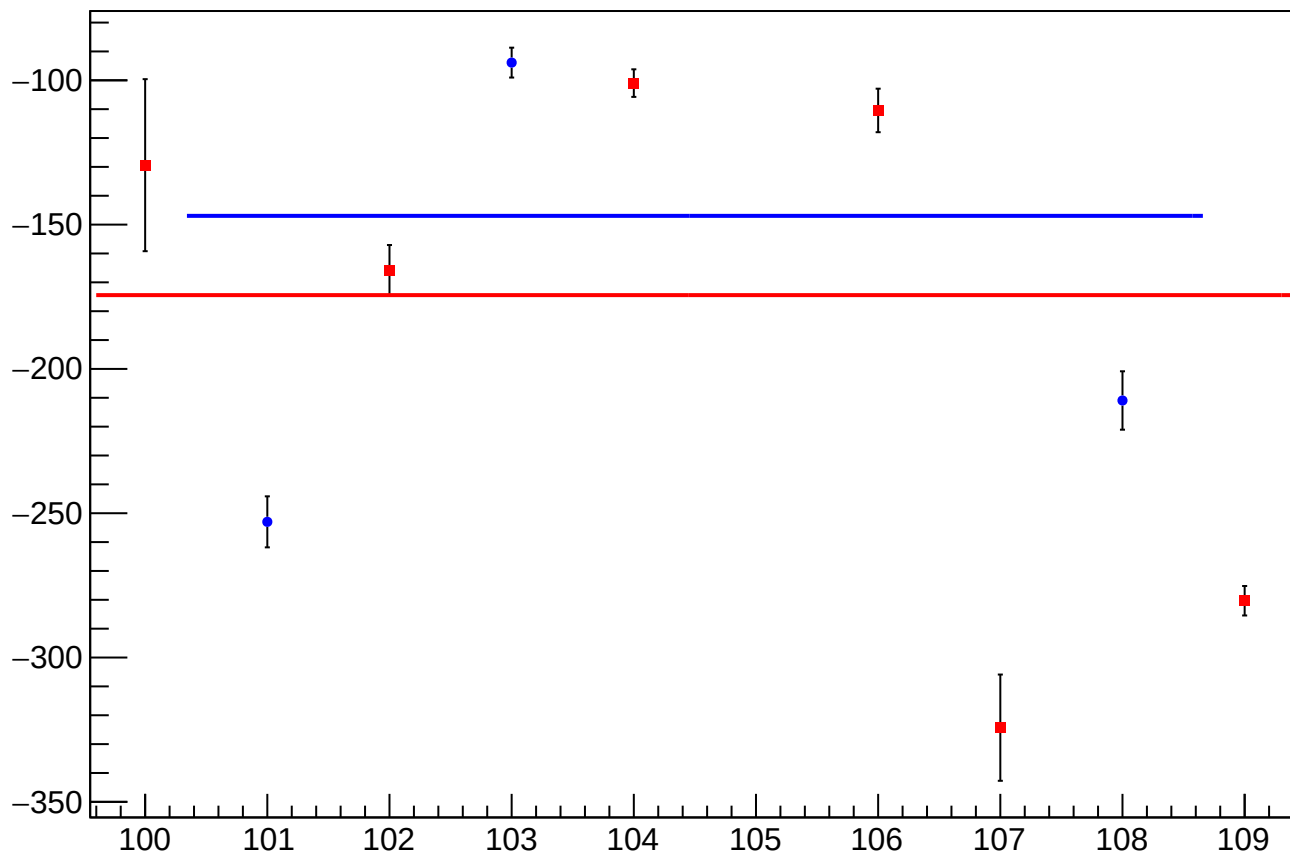
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.607+/-0.114 χ^2/NDF : 472012.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -146.964 ± 4.086 χ^2/NDF : 289.1/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -174.430 ± 2.928 χ^2/NDF : 808.0/5

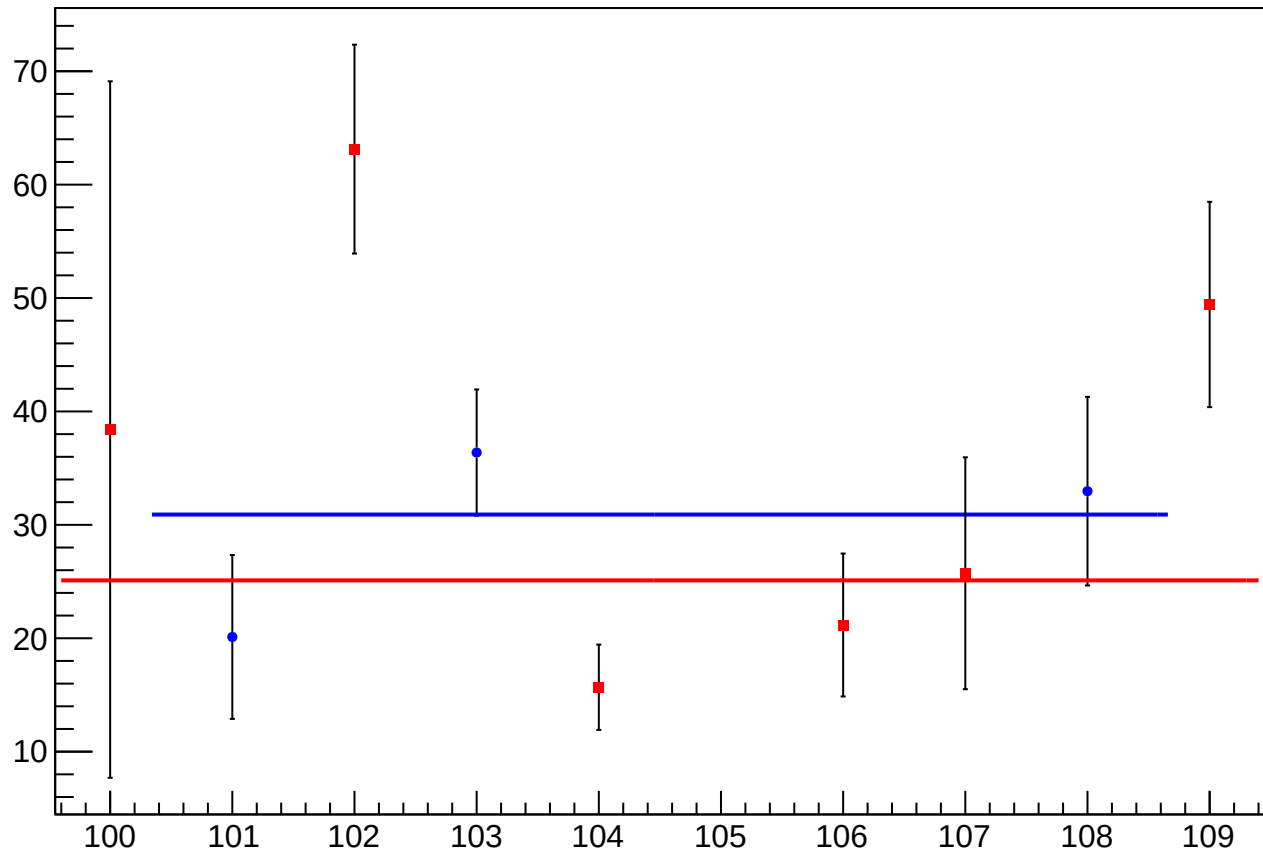
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -165.112 ± 2.380 χ^2/NDF : 1126.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 30.907+/-3.894 χ^2/NDF : 3.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.103+/-2.768 χ^2/NDF : 31.1/5

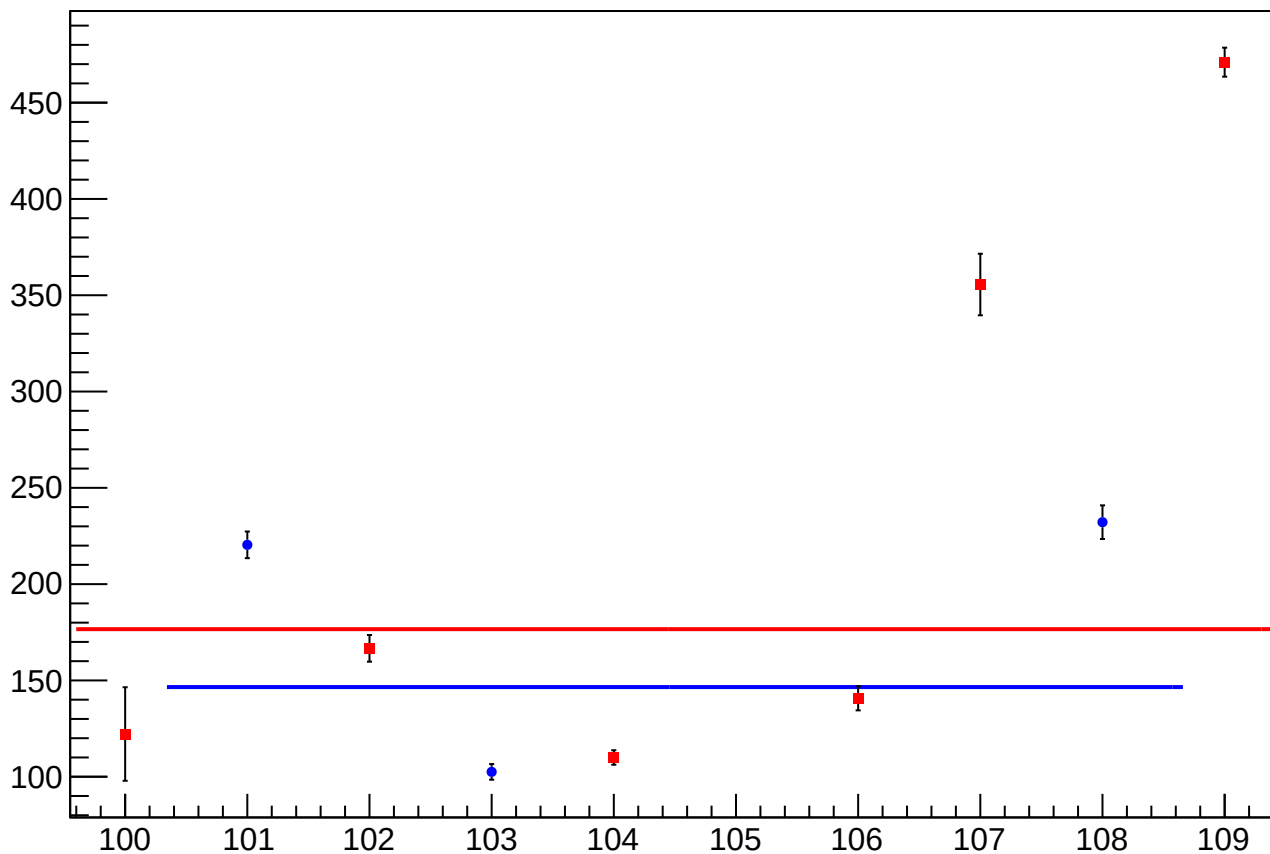
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.051+/-2.256 χ^2/NDF : 35.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 146.554 $\pm$ 3.253 χ^2 /NDF: 327.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 176.620 $\pm$ 2.674 χ^2 /NDF: 2008.7/5

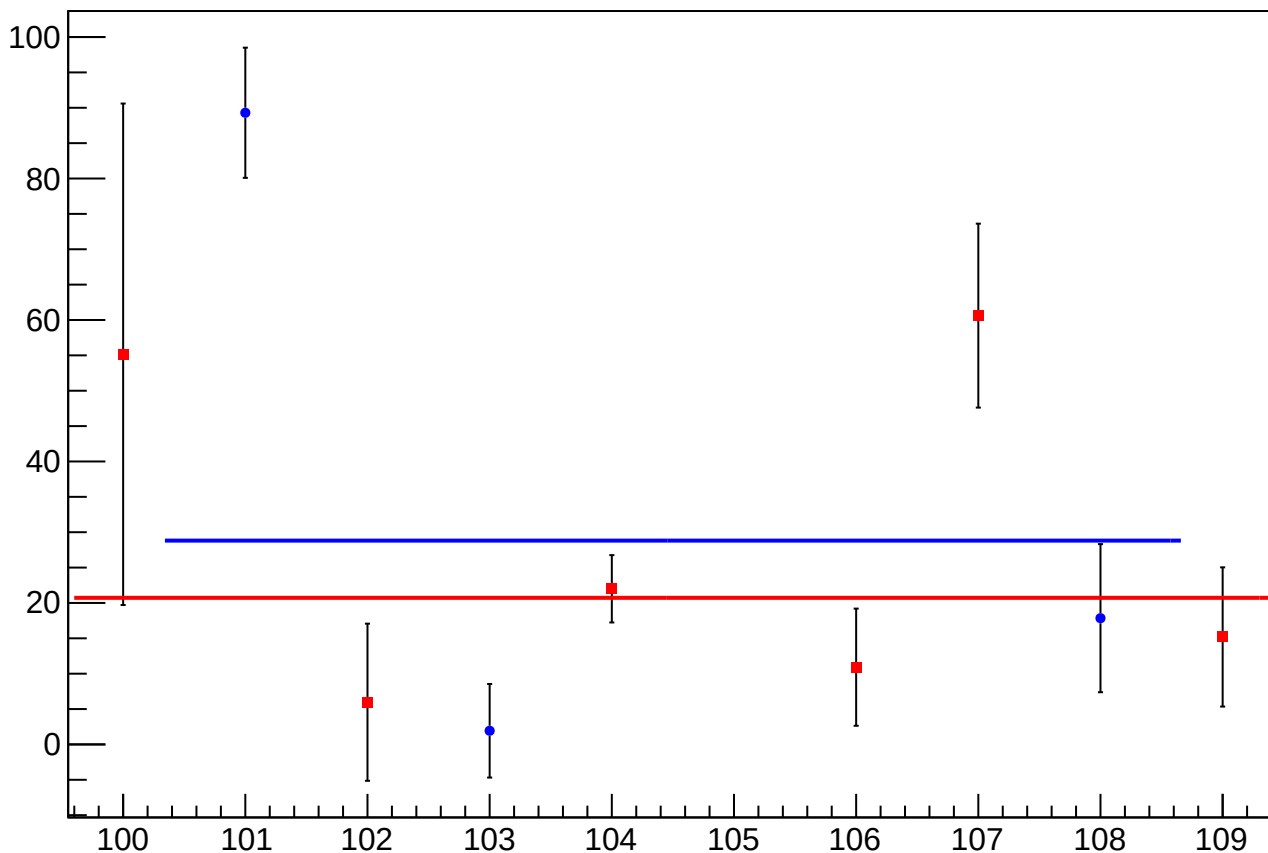
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 164.497 $\pm$ 2.065 χ^2 /NDF: 2387.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 28.813+/-4.779 χ^2/NDF : 60.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.725+/-3.453 χ^2/NDF : 13.9/5

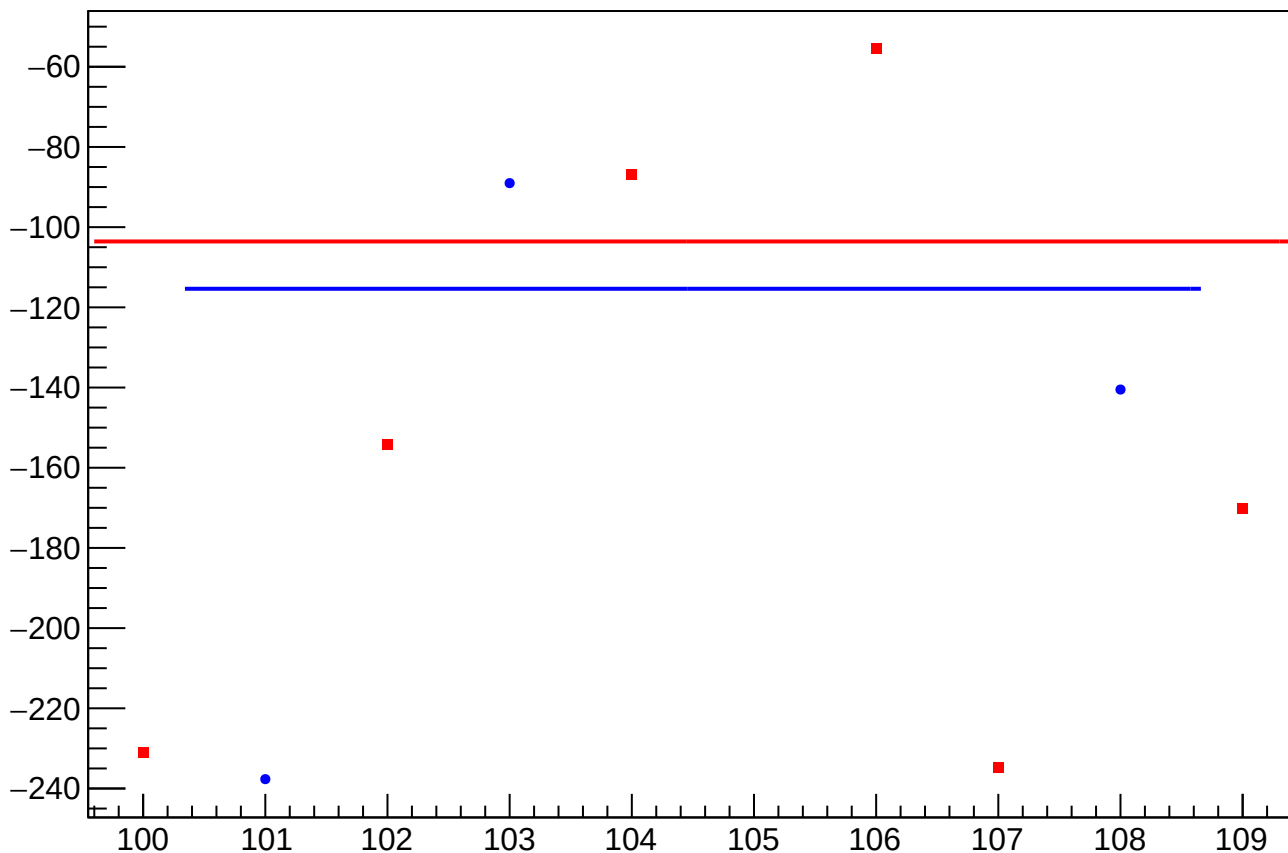
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.499+/-2.799 χ^2/NDF : 76.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -115.366+/-0.144 χ^2/NDF : 117148.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -103.566+/-0.125 χ^2/NDF : 140063.8/5

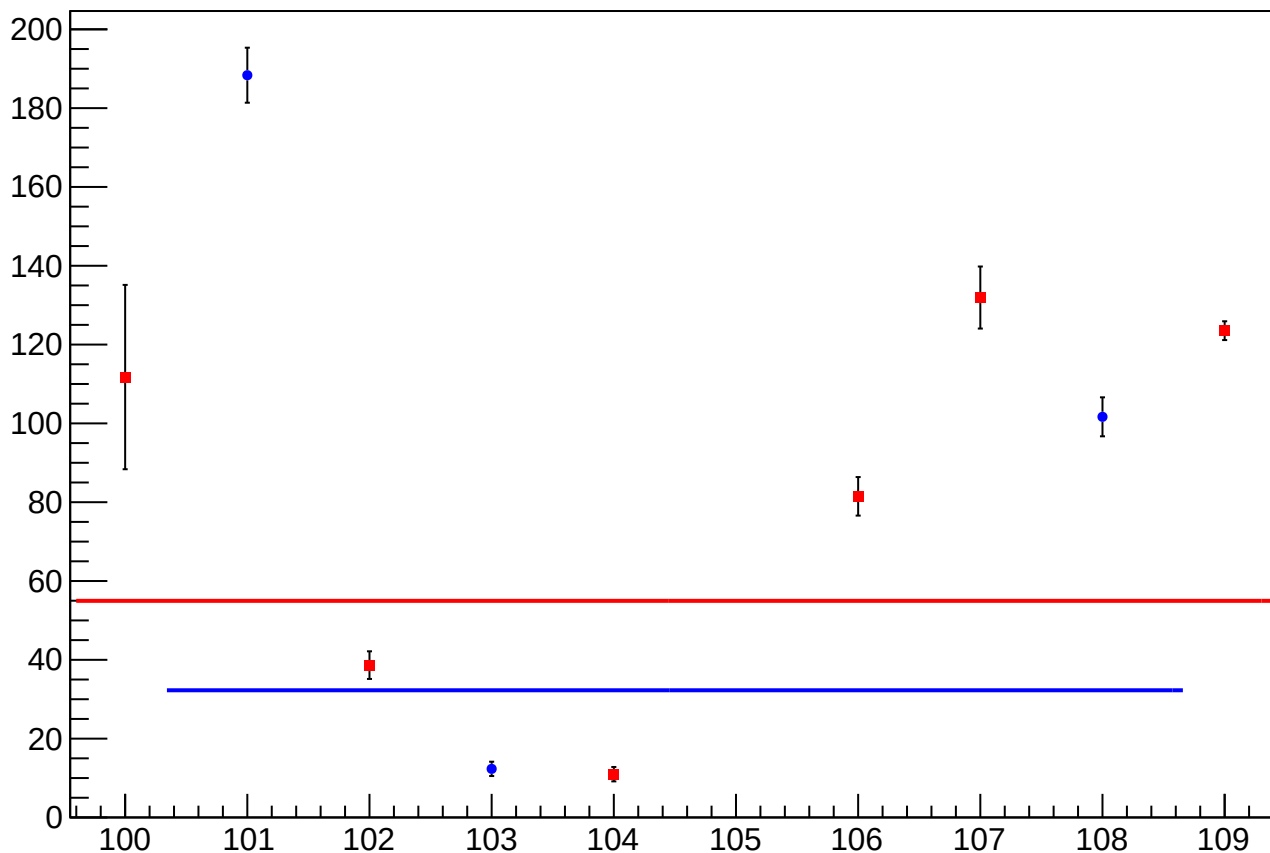
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.672+/-0.095 χ^2/NDF : 261039.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 32.273+/-1.657 χ^2/NDF : 817.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.969+/-1.274 χ^2/NDF : 1558.5/5

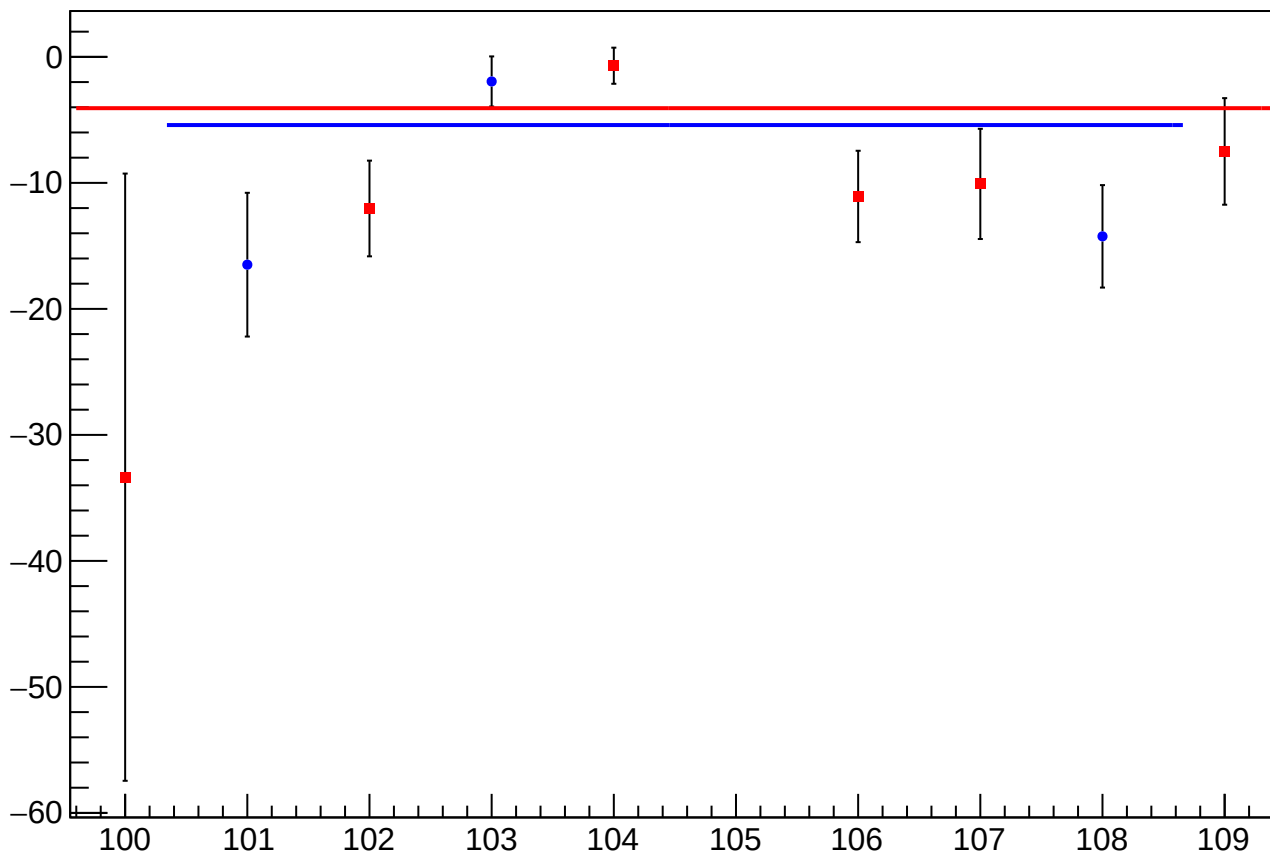
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.541+/-1.010 χ^2/NDF : 2493.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -5.411+/-1.705 χ^2/NDF : 11.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.072+/-1.161 χ^2/NDF : 17.7/5

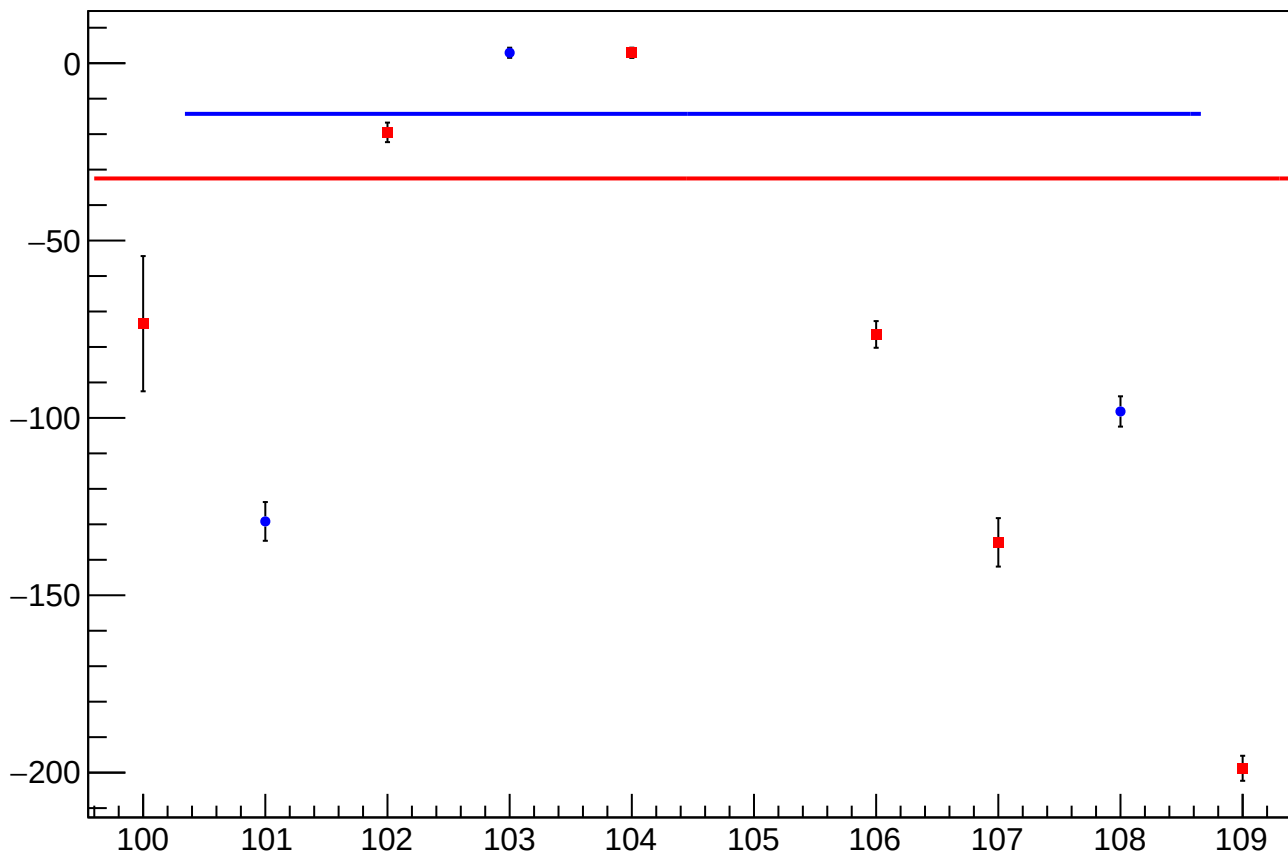
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.496+/-0.959 χ^2/NDF : 29.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -14.279 ± 1.314 χ^2/NDF : 973.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.495 ± 1.126 χ^2/NDF : 3214.7/5

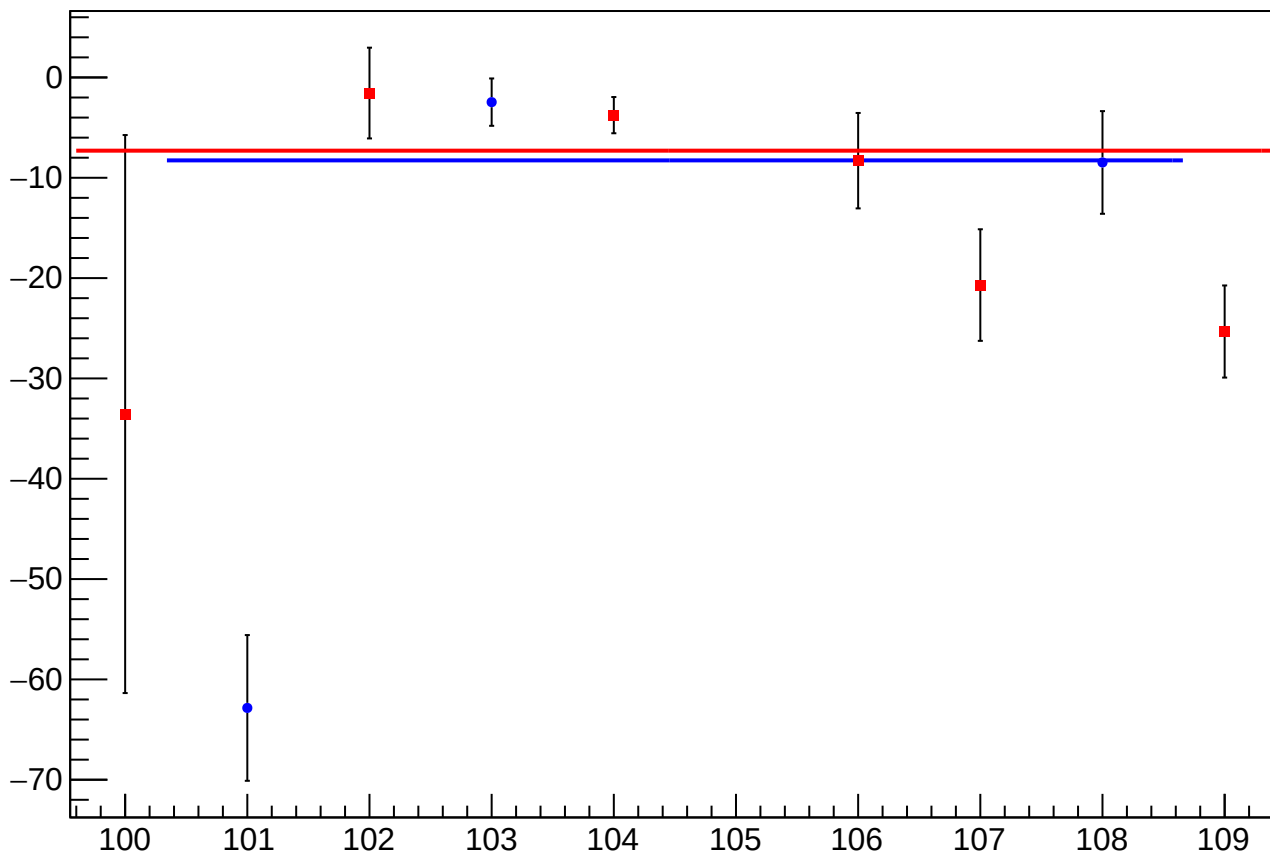
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.784 ± 0.855 χ^2/NDF : 4299.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -8.267 $\pm$ 2.055 χ^2 /NDF: 62.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.298 $\pm$ 1.442 χ^2 /NDF: 27.6/5

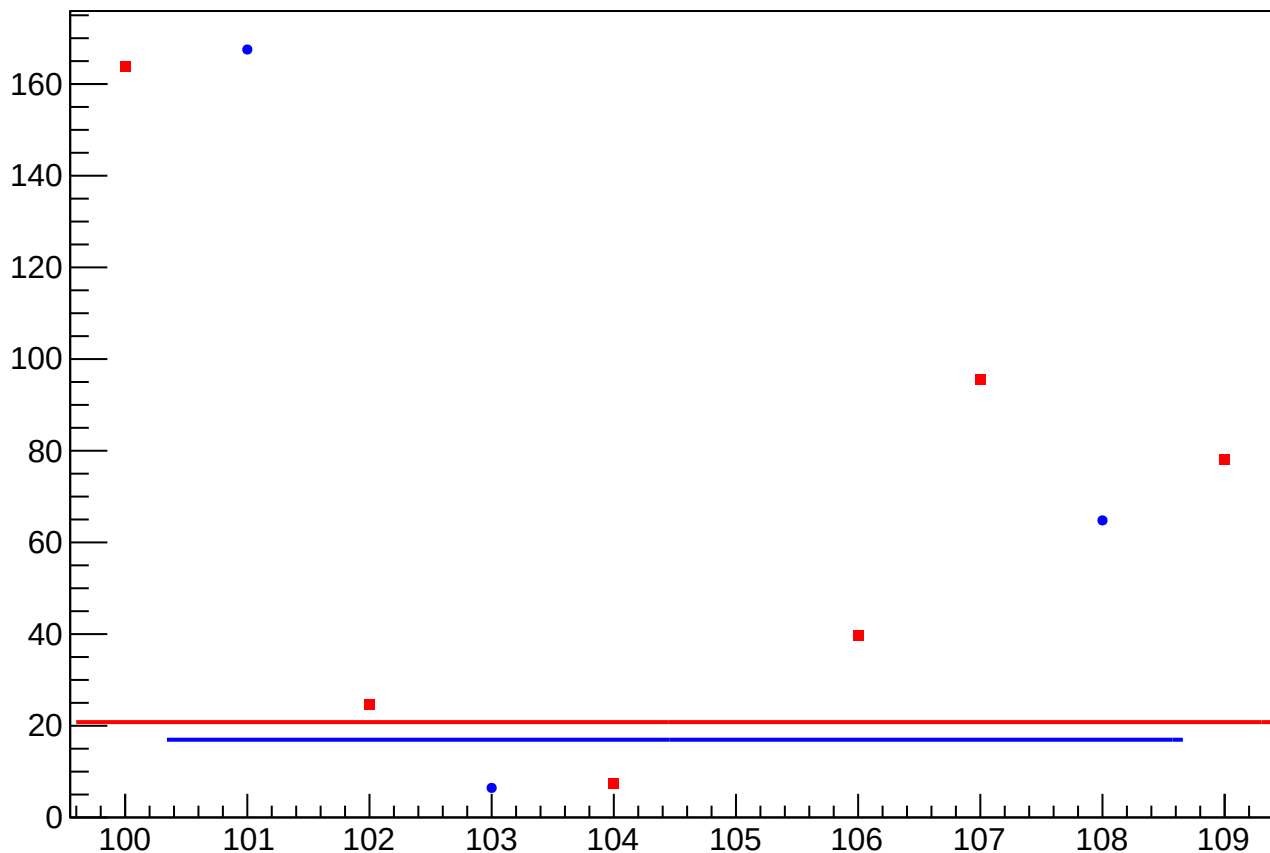
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.617 $\pm$ 1.181 χ^2 /NDF: 90.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 16.961+/-0.055 χ^2/NDF : 320707.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.800+/-0.054 χ^2/NDF : 199541.2/5

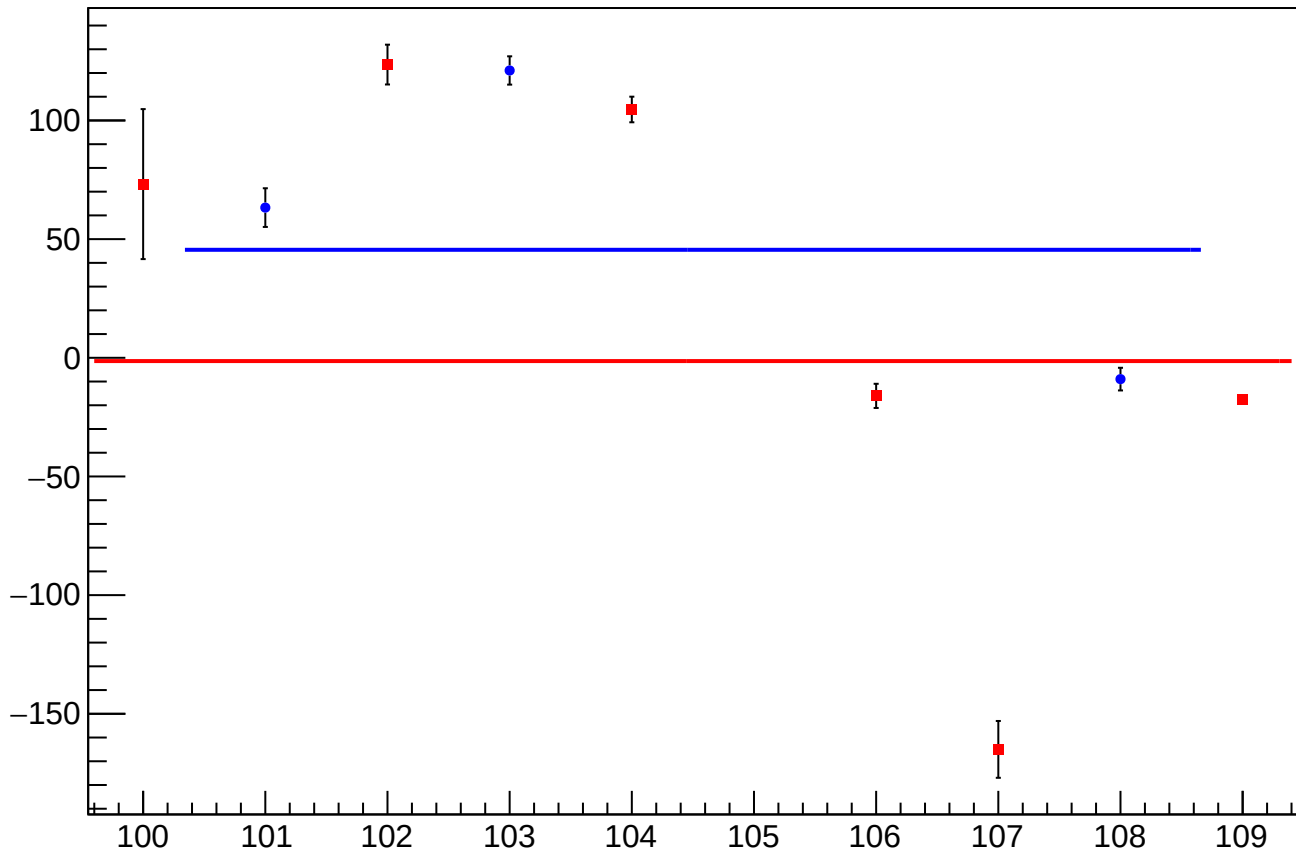
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.938+/-0.039 χ^2/NDF : 522725.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 45.506 $\pm$ 3.389 χ^2 /NDF: 295.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.380 $\pm$ 1.749 χ^2 /NDF: 870.5/5

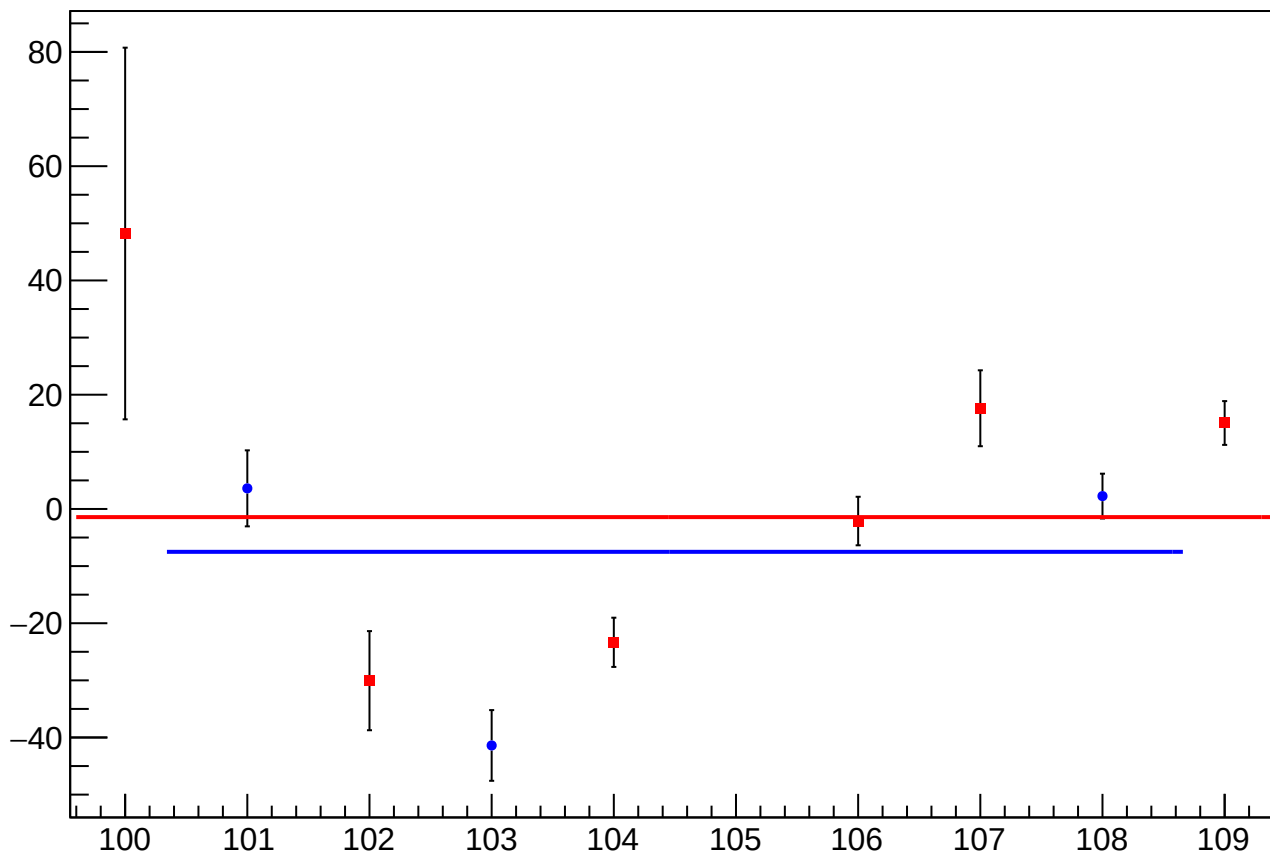
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.478 $\pm$ 1.554 χ^2 /NDF: 1317.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -7.502+/-2.965 χ^2/NDF : 39.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.424+/-2.160 χ^2/NDF : 65.8/5

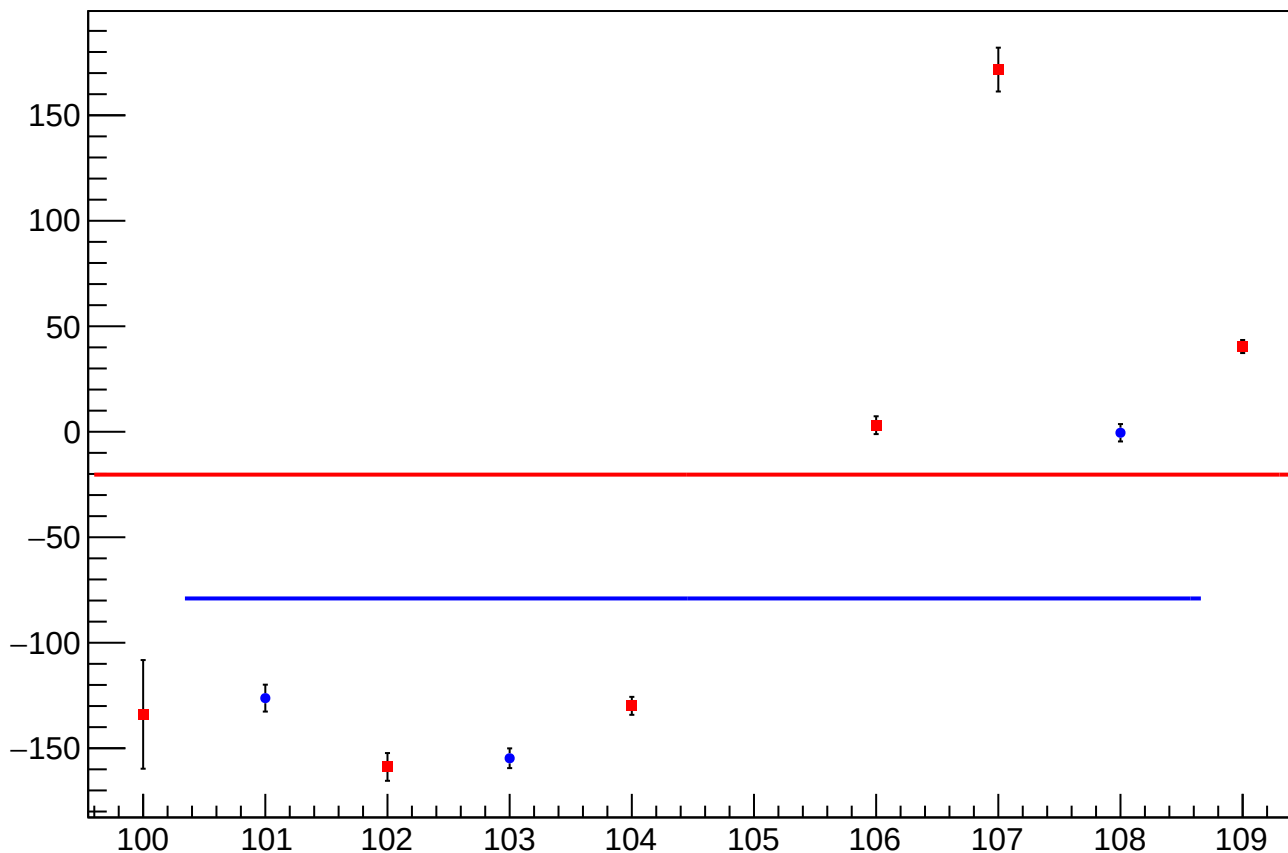
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.531+/-1.746 χ^2/NDF : 107.6/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -79.007 ± 2.783 $\chi^2/\text{NDF}: 679.9/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -20.317 ± 2.002 $\chi^2/\text{NDF}: 1883.6/5$

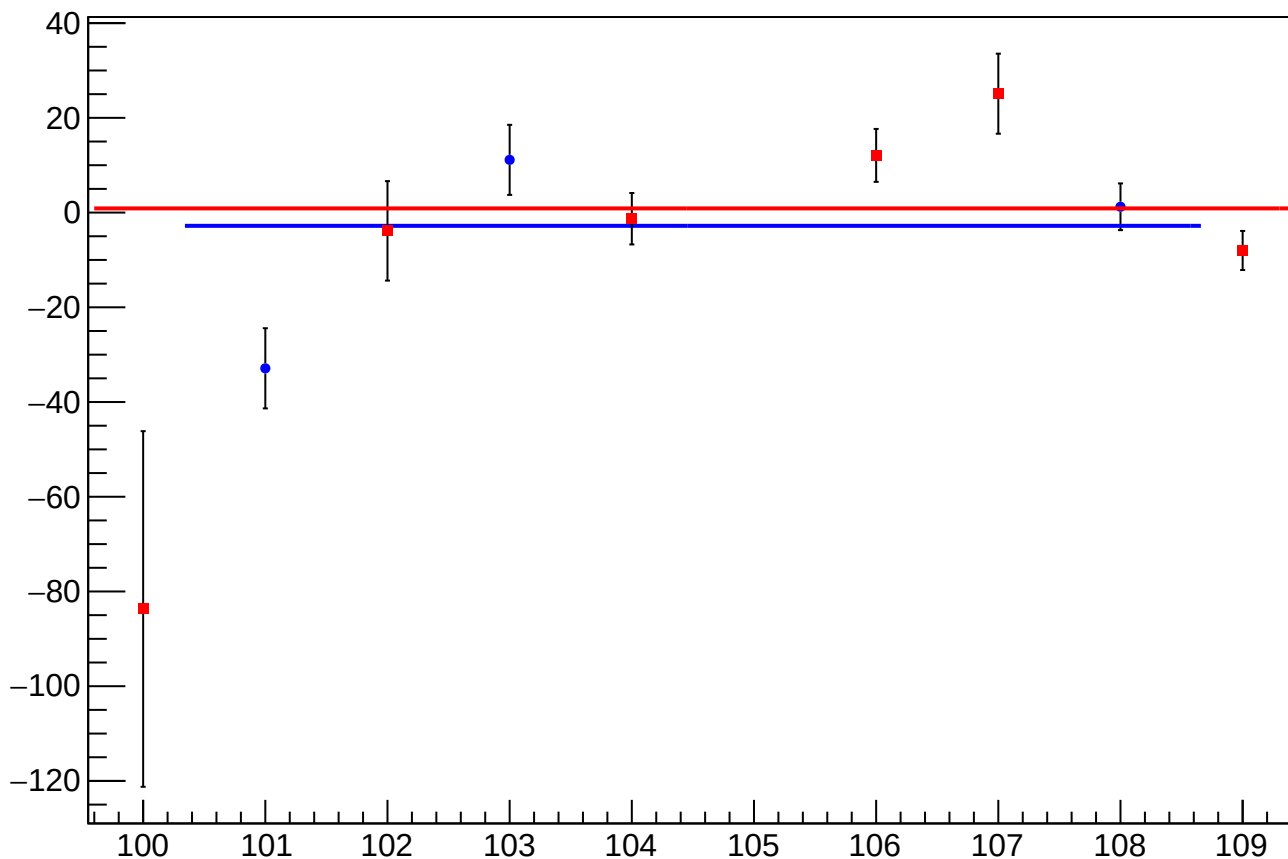
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.334 ± 1.625 $\chi^2/\text{NDF}: 2856.6/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -2.799+/-3.693 χ^2/NDF : 16.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.879+/-2.596 χ^2/NDF : 22.3/5

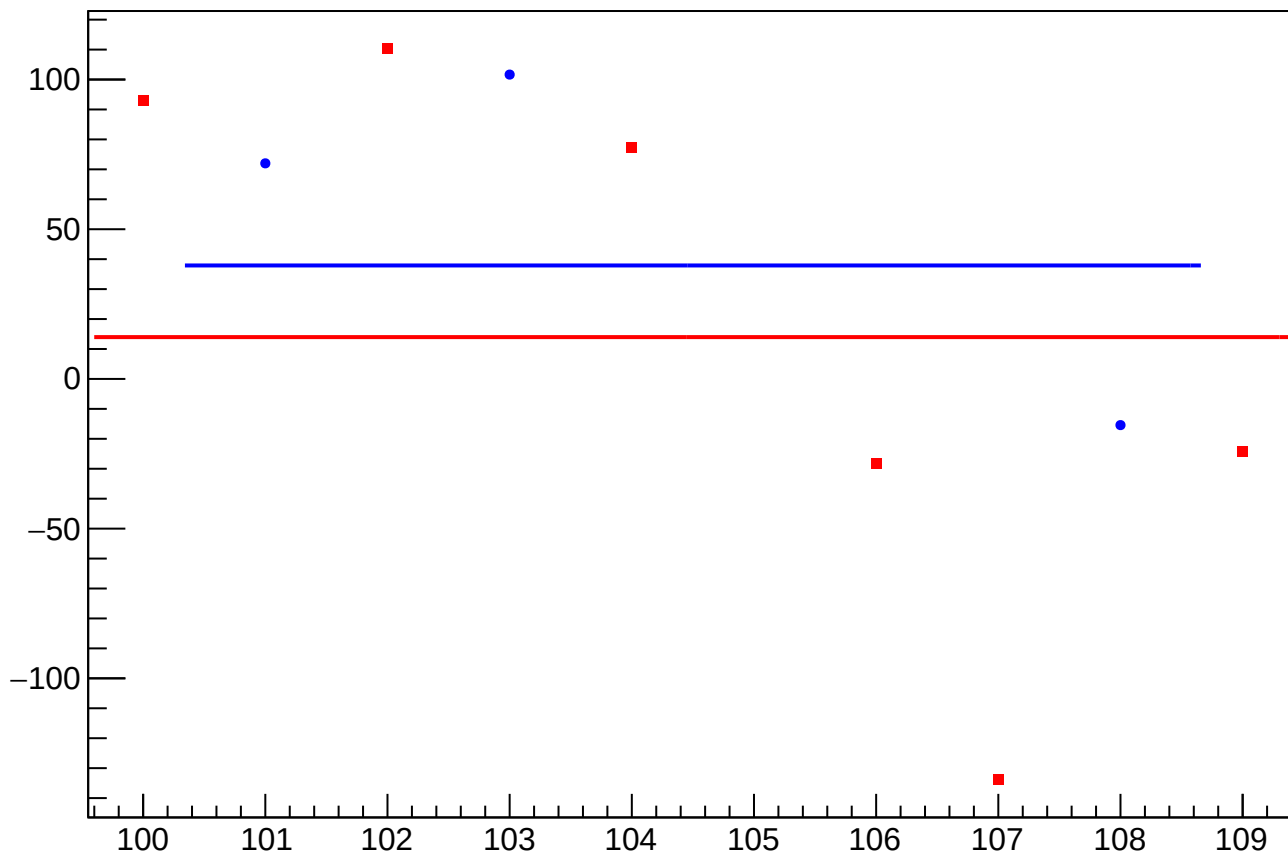
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.337+/-2.123 χ^2/NDF : 39.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 37.898 $\pm$ 0.121 χ^2 /NDF: 214663.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.968 $\pm$ 0.106 χ^2 /NDF: 412413.3/5

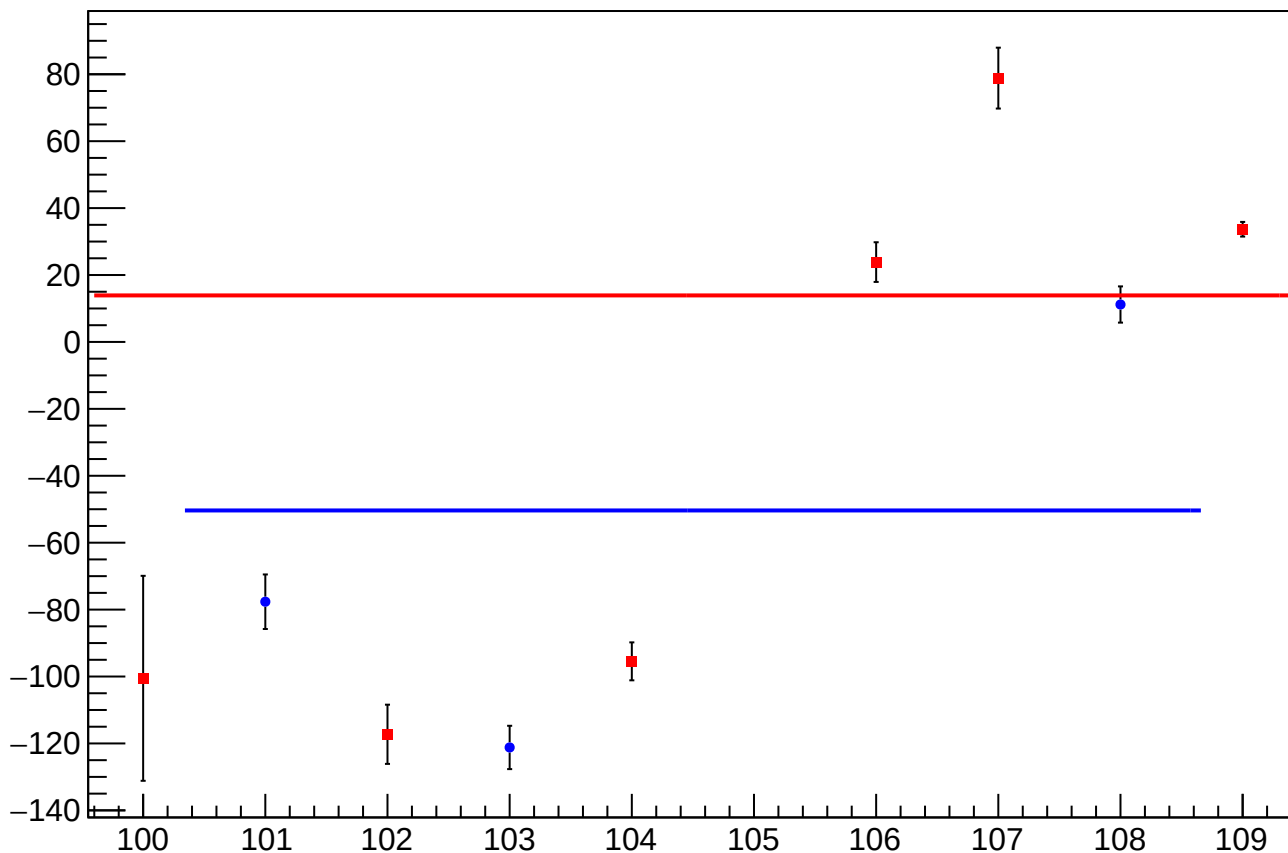
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.357 $\pm$ 0.080 χ^2 /NDF: 649272.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -50.365+/-3.701 χ^2/NDF : 260.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.903+/-1.844 χ^2/NDF : 741.0/5

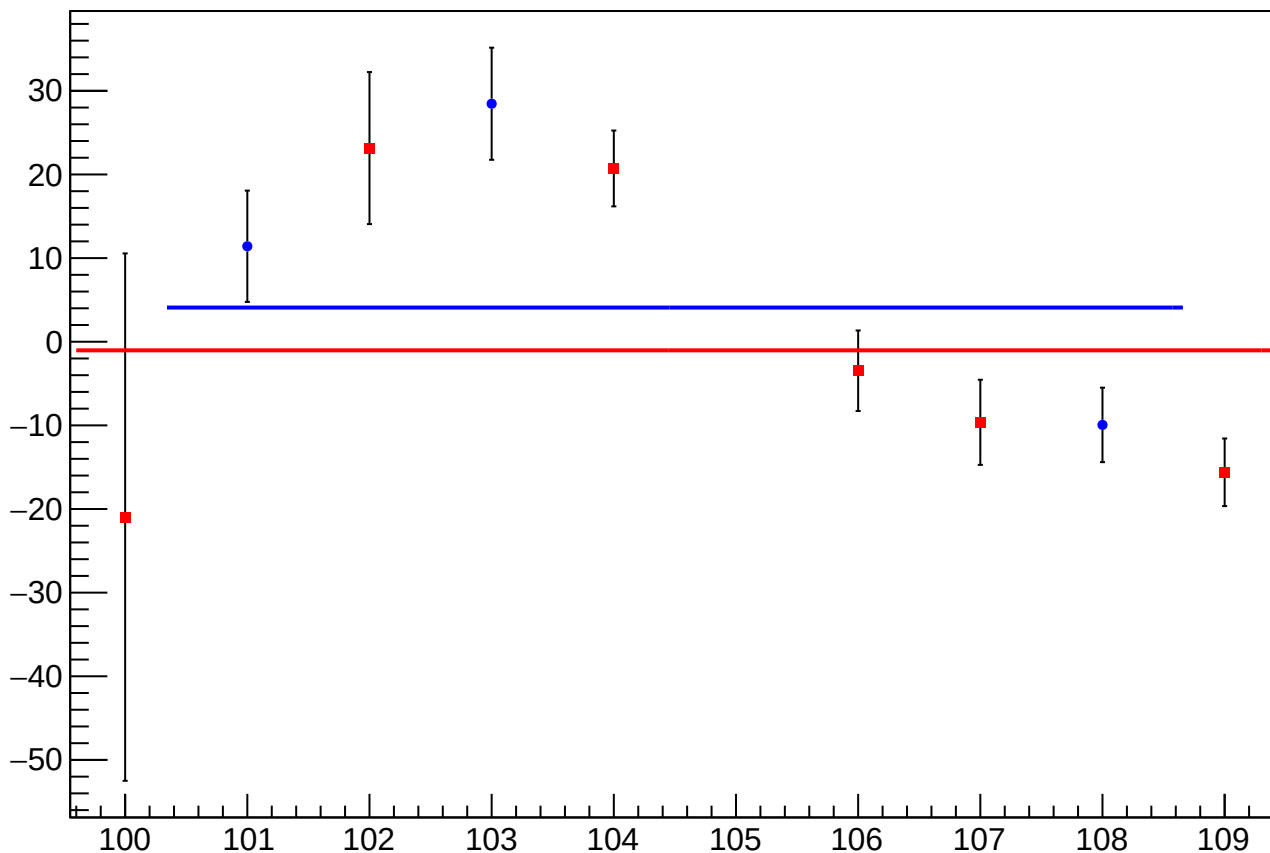
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.124+/-1.650 χ^2/NDF : 1242.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 4.088 $\pm$ 3.240 χ^2 /NDF: 24.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.028 $\pm$ 2.210 χ^2 /NDF: 46.6/5

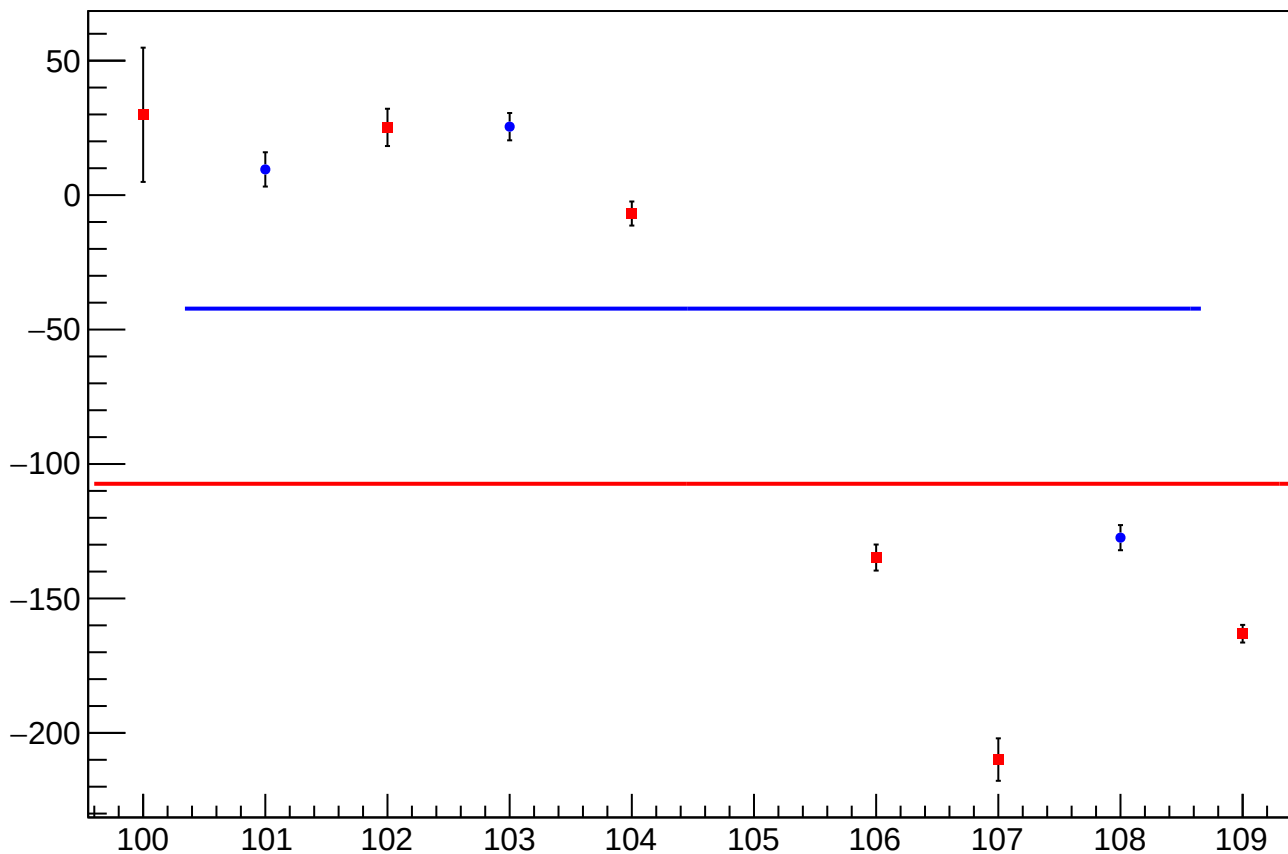
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.597 $\pm$ 1.826 χ^2 /NDF: 72.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -42.212 ± 3.027 χ^2/NDF : 575.3/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -107.351 ± 2.113 χ^2/NDF : 1389.7/5

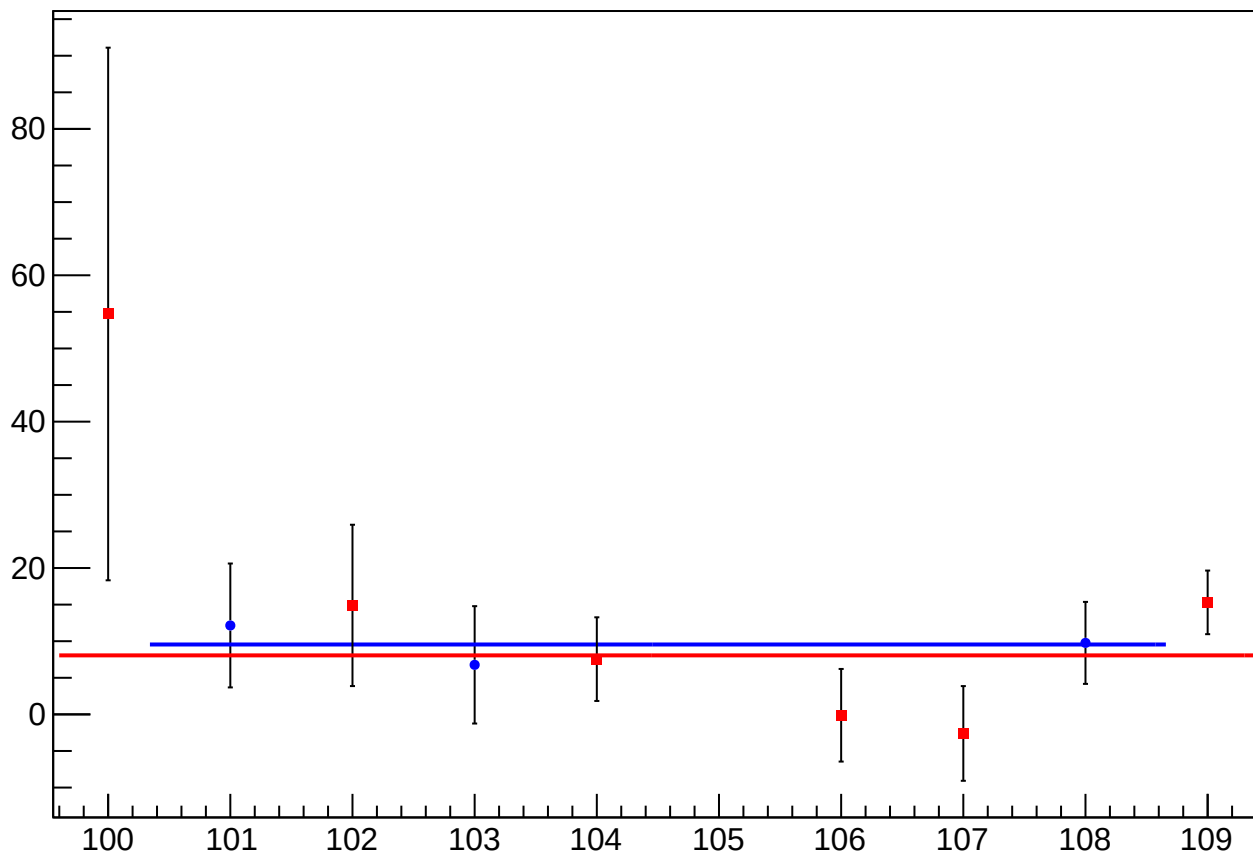
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -86.011 ± 1.733 χ^2/NDF : 2276.3/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 9.551+/-4.037 χ^2/NDF : 0.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.063+/-2.659 χ^2/NDF : 9.2/5

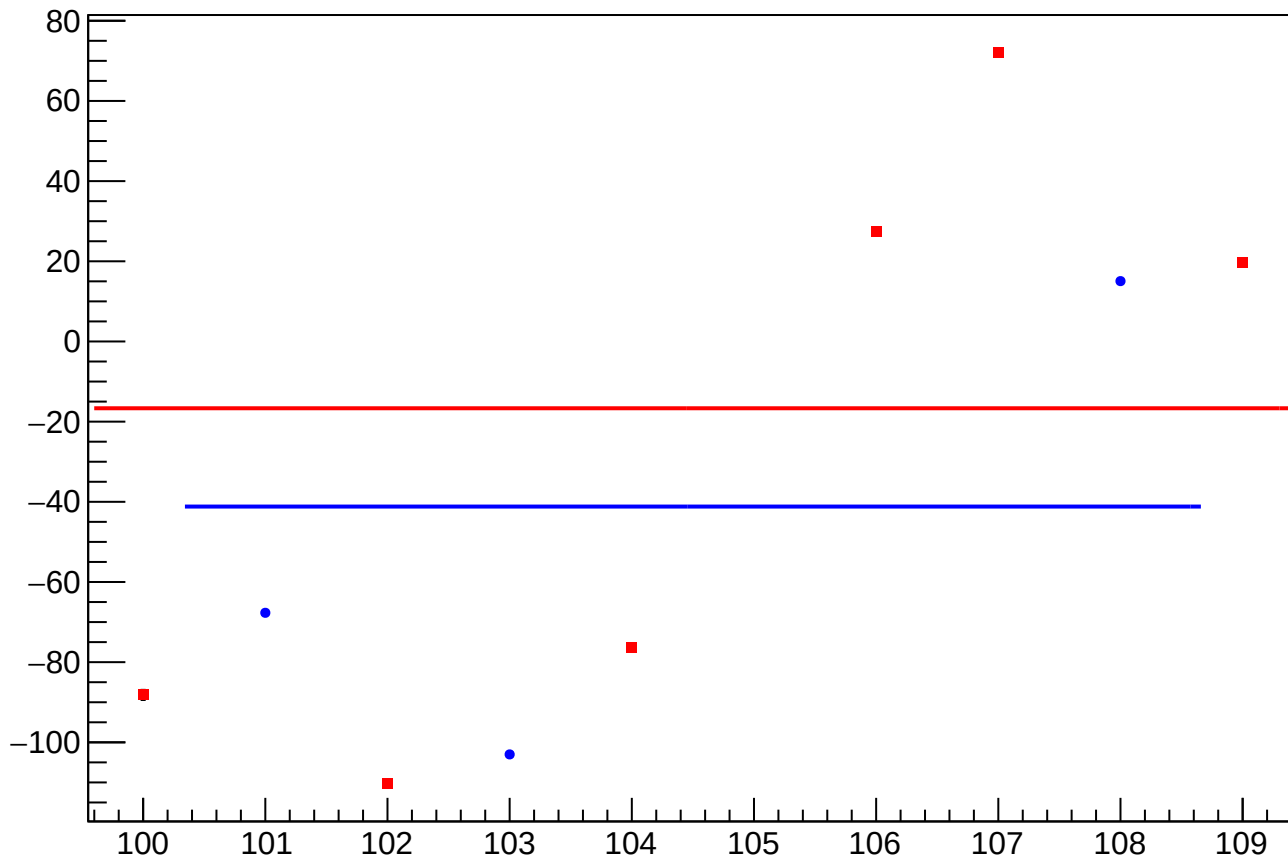
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.513+/-2.221 χ^2/NDF : 9.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -41.183 ± 0.133 $\chi^2/\text{NDF}: 175829.6/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -16.663 ± 0.112 $\chi^2/\text{NDF}: 312454.6/5$

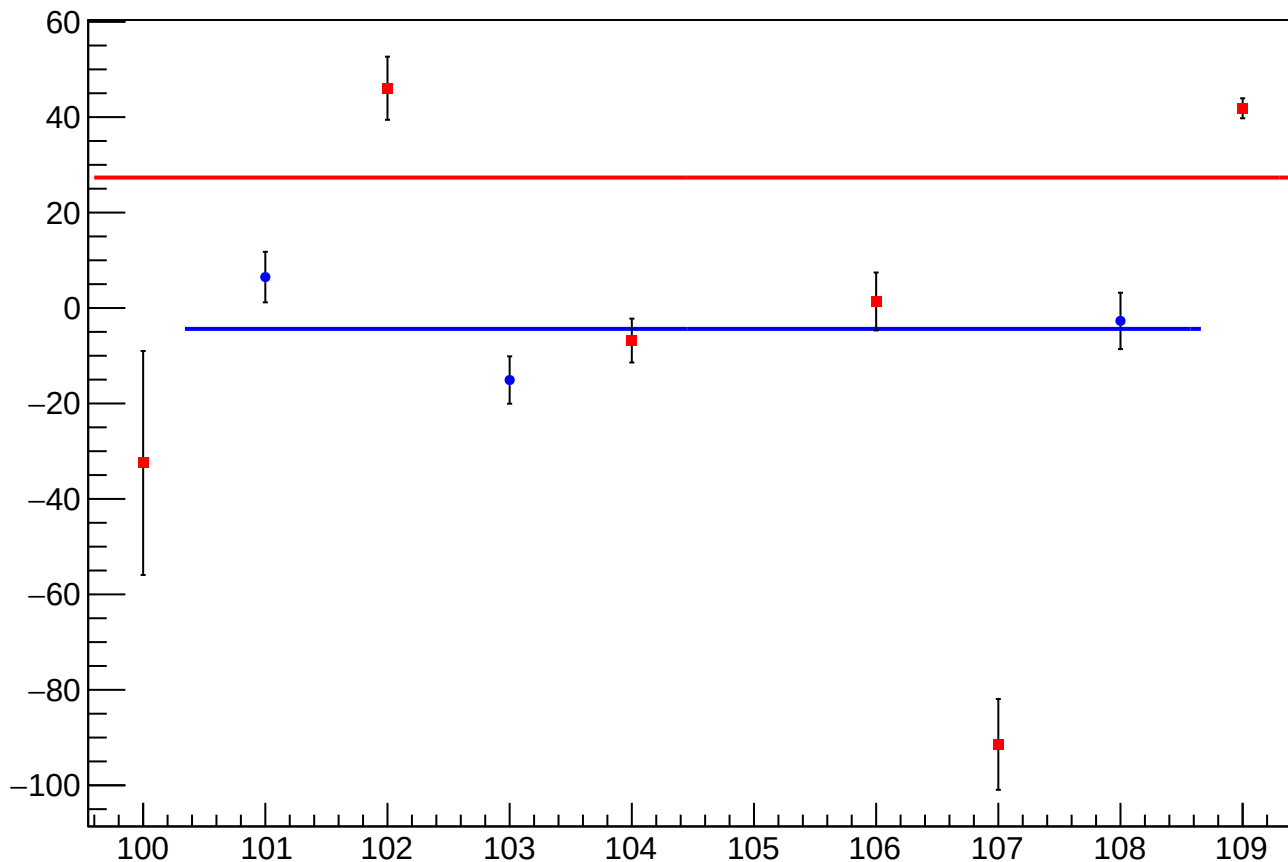
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -26.830 ± 0.086 $\chi^2/\text{NDF}: 508156.5/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: -4.370+/-3.087 χ^2/NDF : 8.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.336+/-1.718 χ^2/NDF : 291.9/5

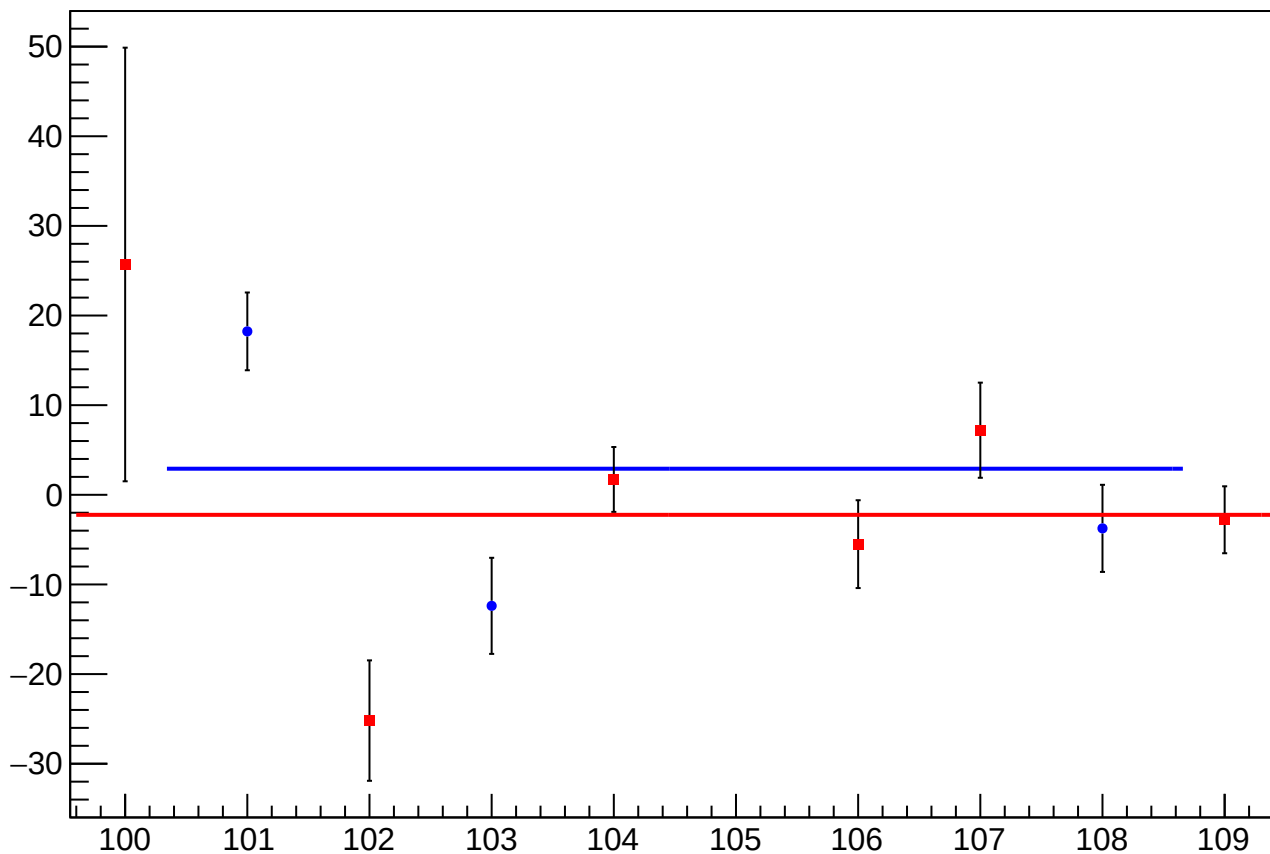
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.837+/-1.501 χ^2/NDF : 381.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 2.911 $\pm$ 2.770 χ^2/NDF : 22.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2.235 $\pm$ 2.004 χ^2/NDF : 17.8/5

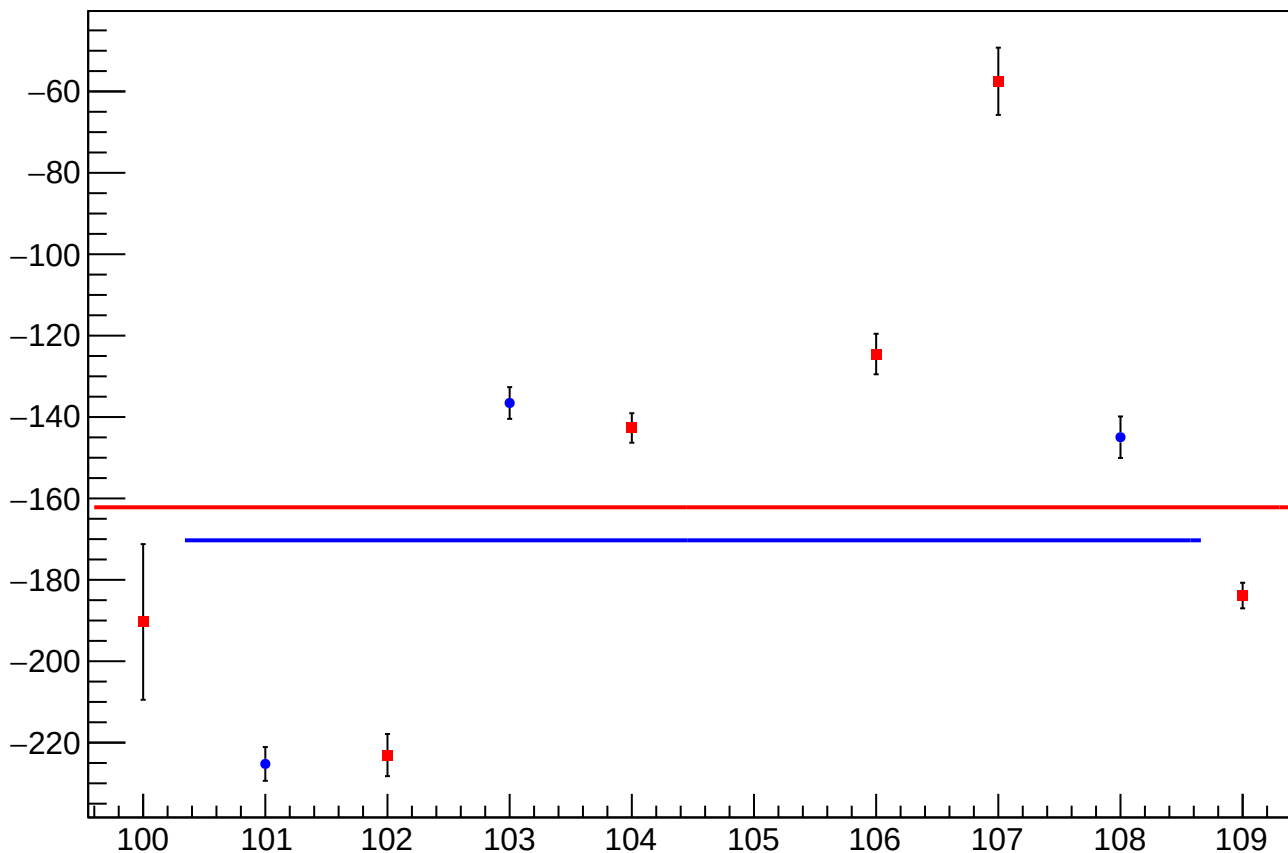
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.467 $\pm$ 1.624 χ^2/NDF : 42.6/8

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -170.292+/-2.481 χ^2/NDF : 275.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -162.177+/-1.916 χ^2/NDF : 434.5/5

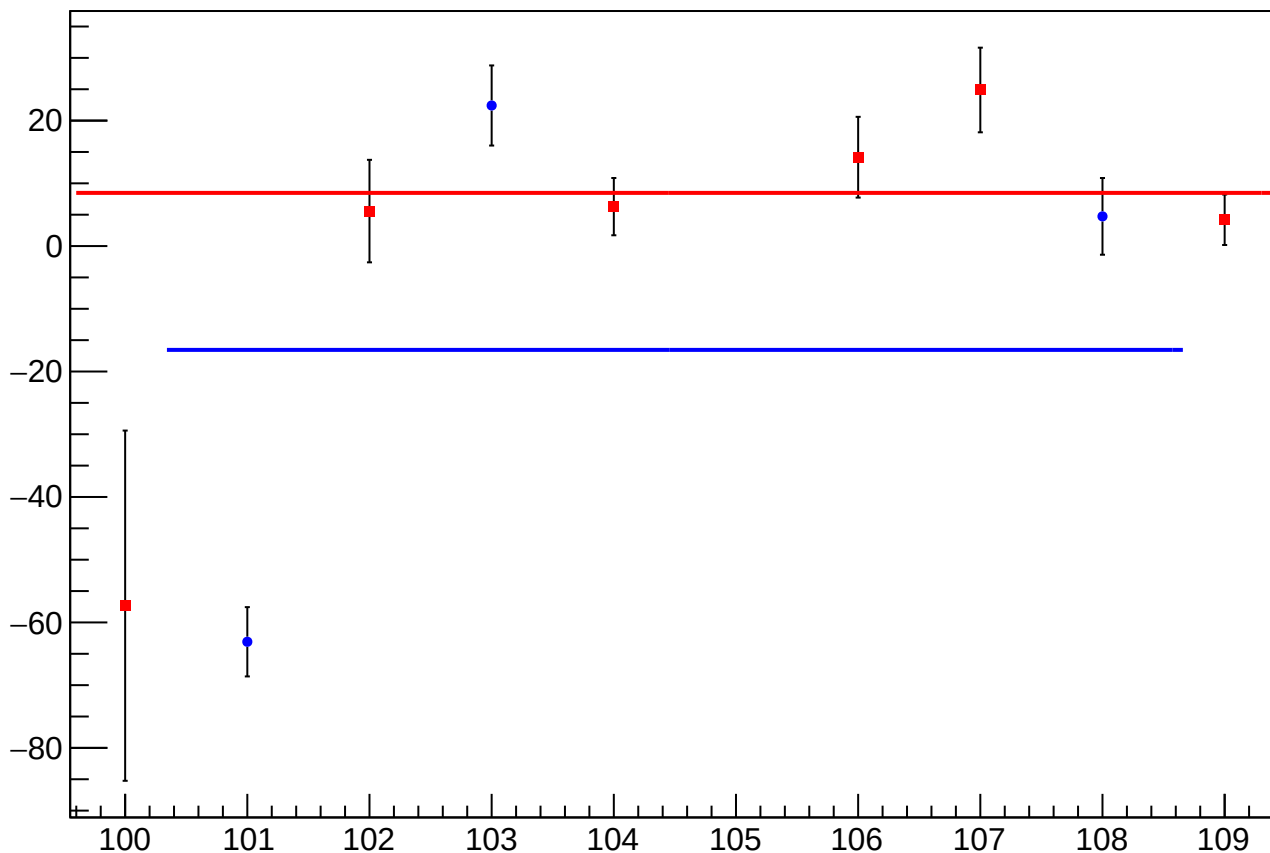
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.210+/-1.517 χ^2/NDF : 716.4/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -16.552 $\pm$ 3.449 χ^2 /NDF: 120.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.477 $\pm$ 2.411 χ^2 /NDF: 13.7/5

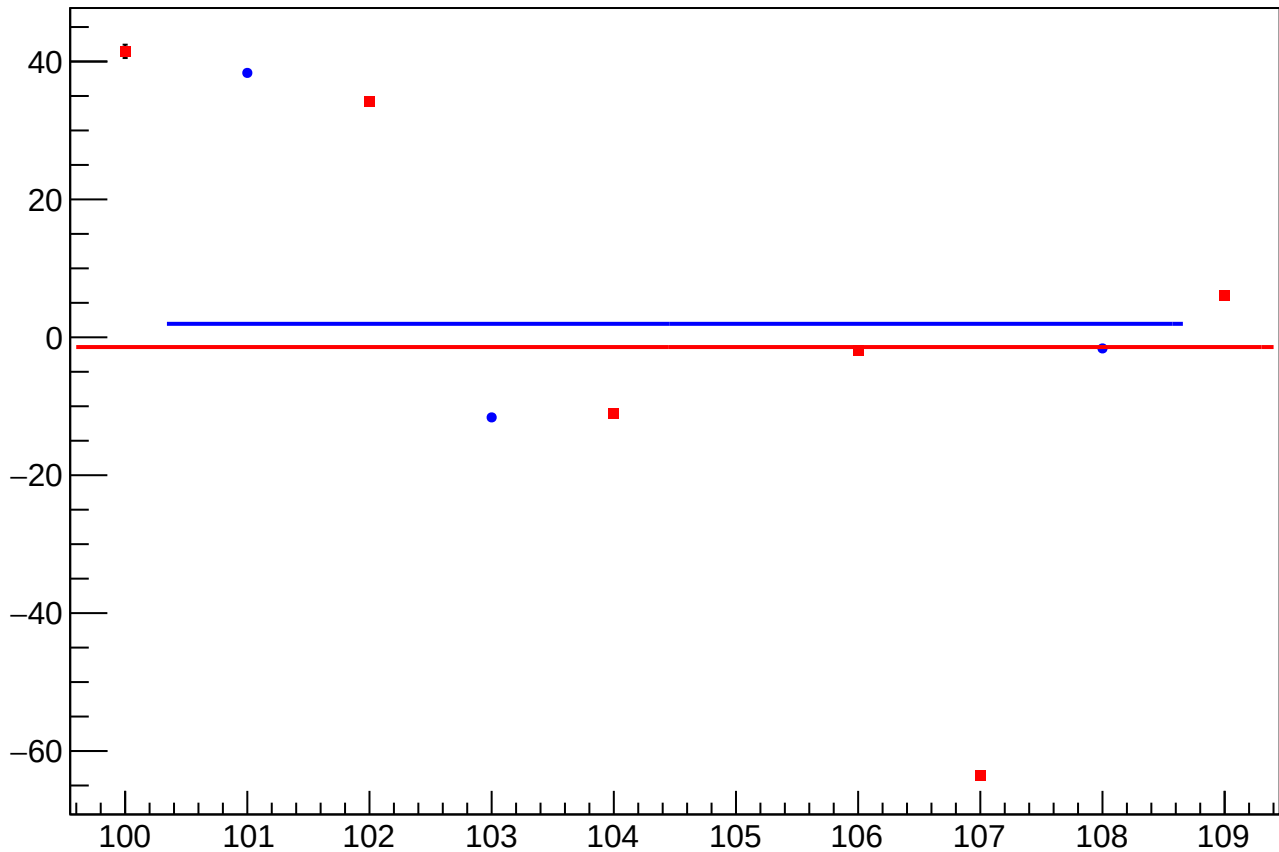
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.264 $\pm$ 1.976 χ^2 /NDF: 169.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 1.956+/-0.114 χ^2/NDF : 28890.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.412+/-0.098 χ^2/NDF : 65073.7/5

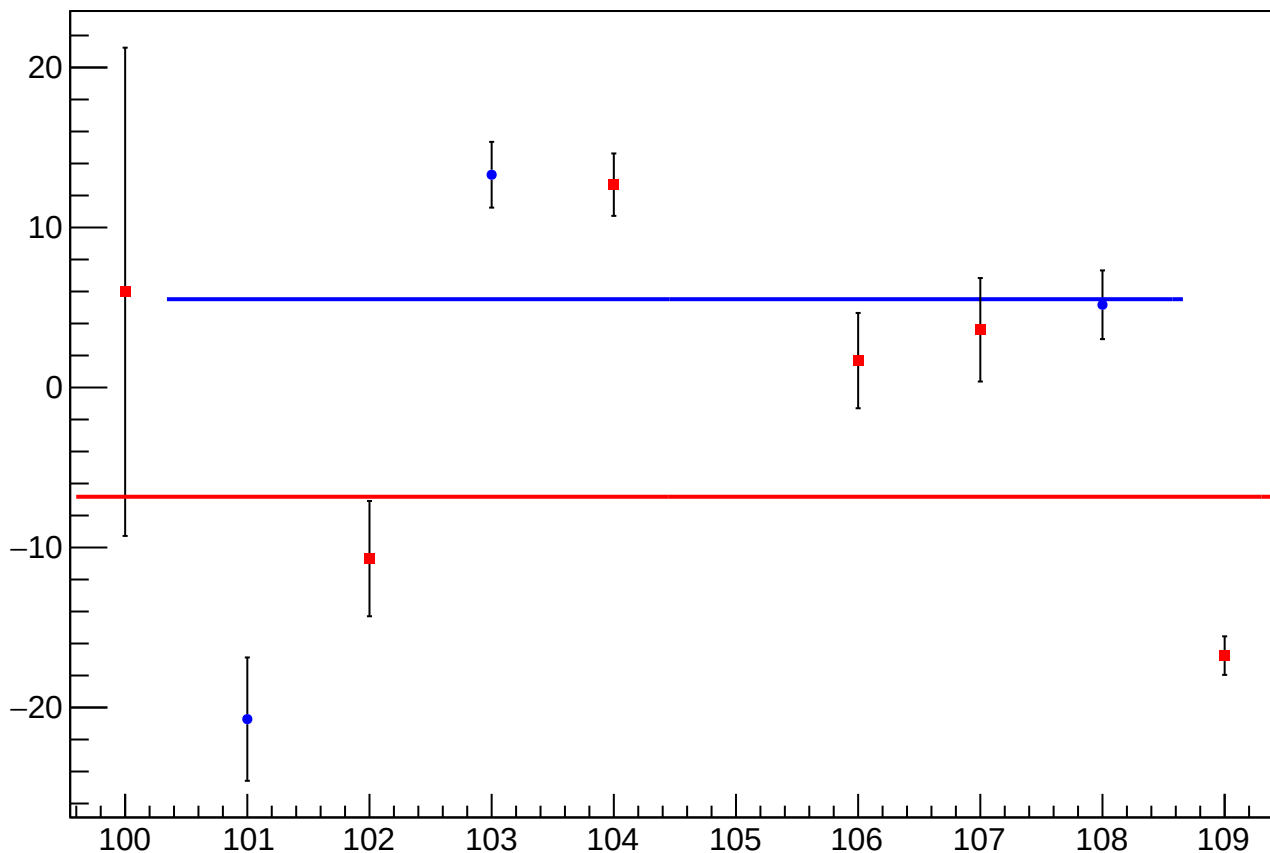
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.029+/-0.074 χ^2/NDF : 94465.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: 5.519 $\pm$ 1.385 χ^2 /NDF: 60.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.828 $\pm$ 0.897 χ^2 /NDF: 188.4/5

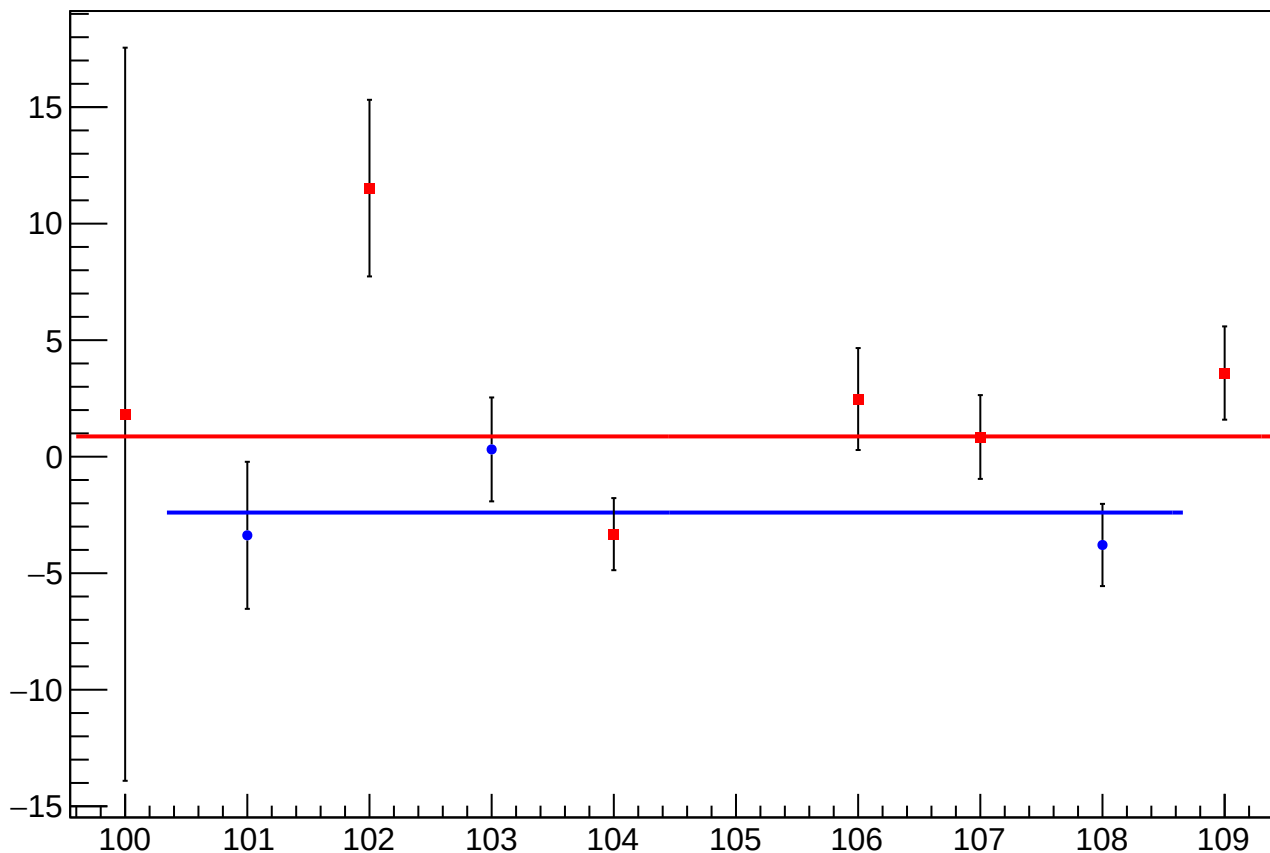
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.179 $\pm$ 0.753 χ^2 /NDF: 305.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -2.397 $\pm$ 1.267 χ^2 /NDF: 2.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.869 $\pm$ 0.891 χ^2 /NDF: 17.6/5

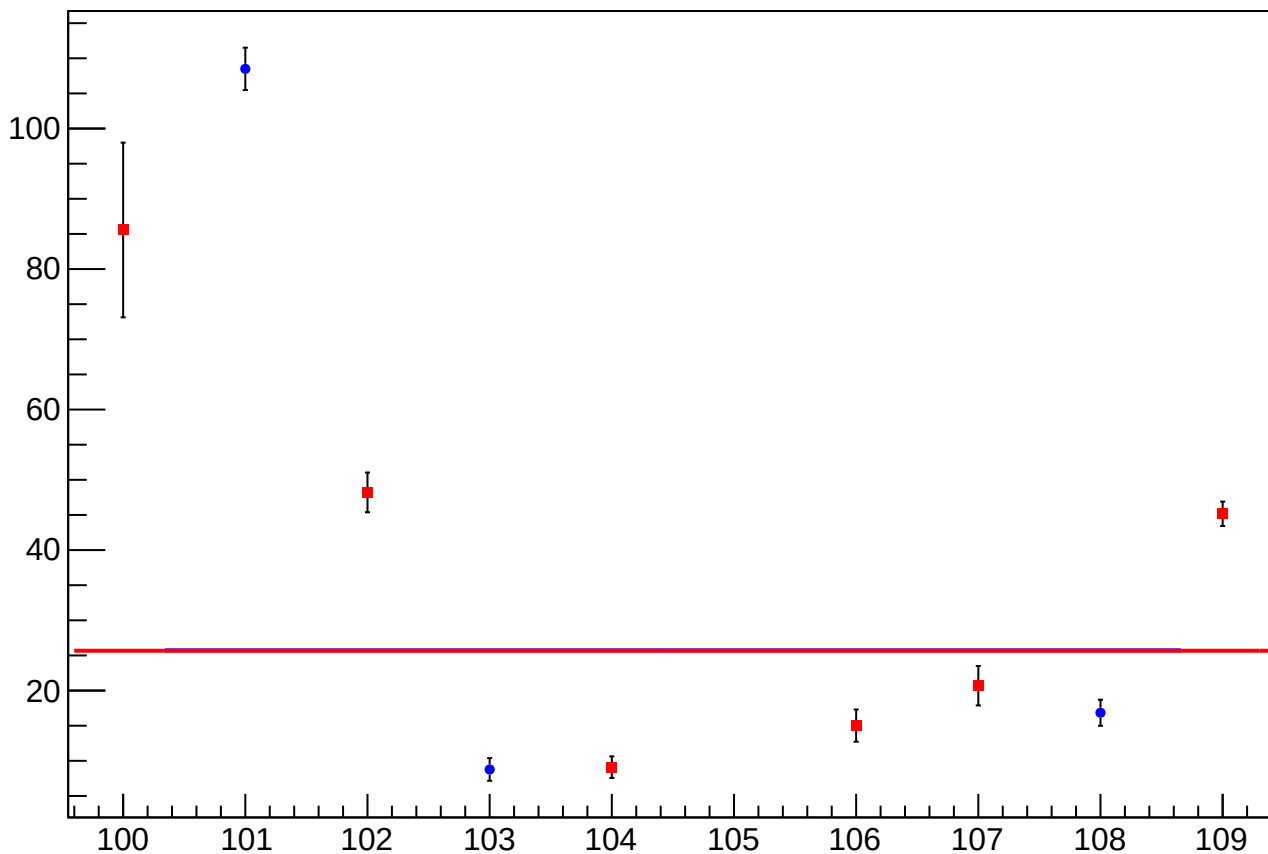
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.212 $\pm$ 0.729 χ^2 /NDF: 24.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 25.725+/-1.129 χ^2 /NDF: 886.2/2

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 25.672+/-0.912 χ^2 /NDF: 353.2/5

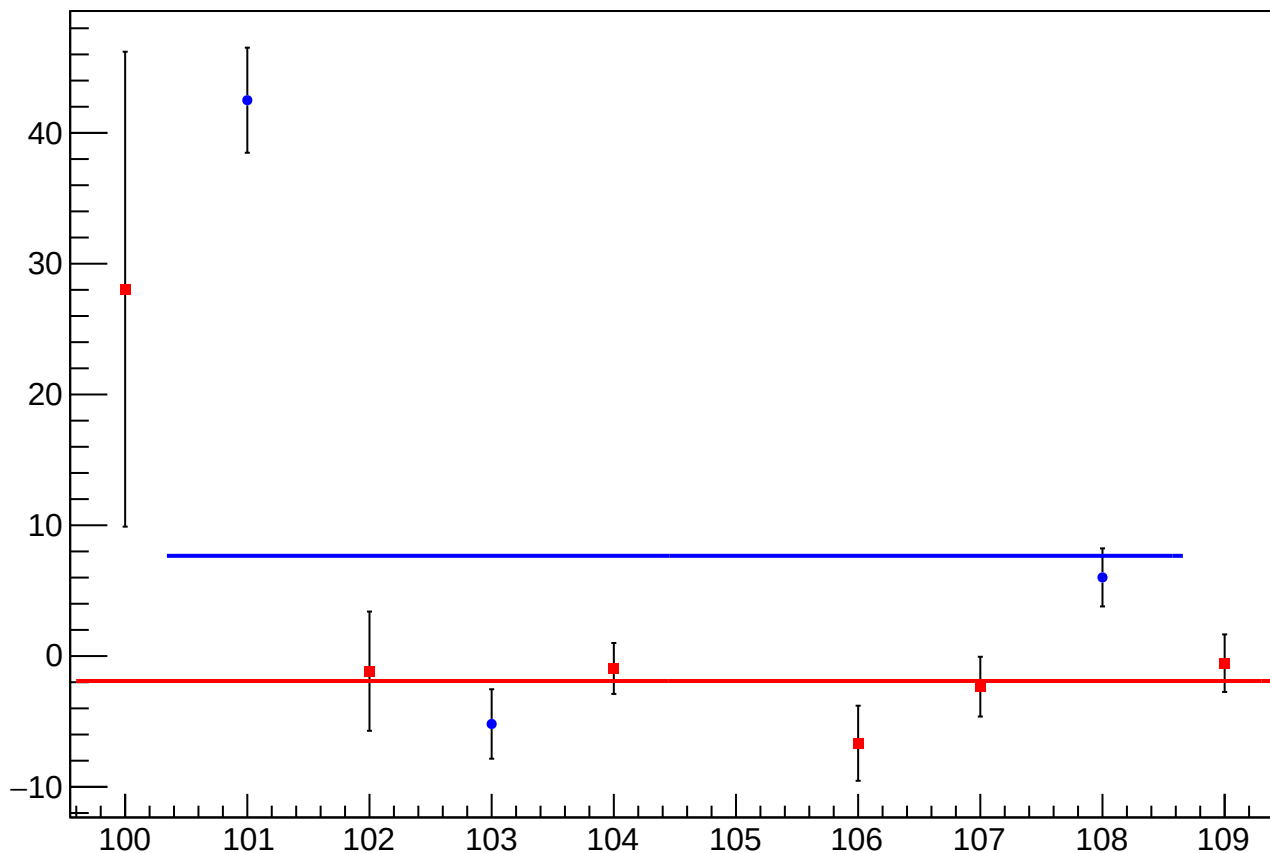
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 25.693+/-0.710 χ^2 /NDF: 1239.3/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 7.665 $\pm$ 1.568 χ^2 /NDF: 99.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.905 $\pm$ 1.095 χ^2 /NDF: 6.2/5

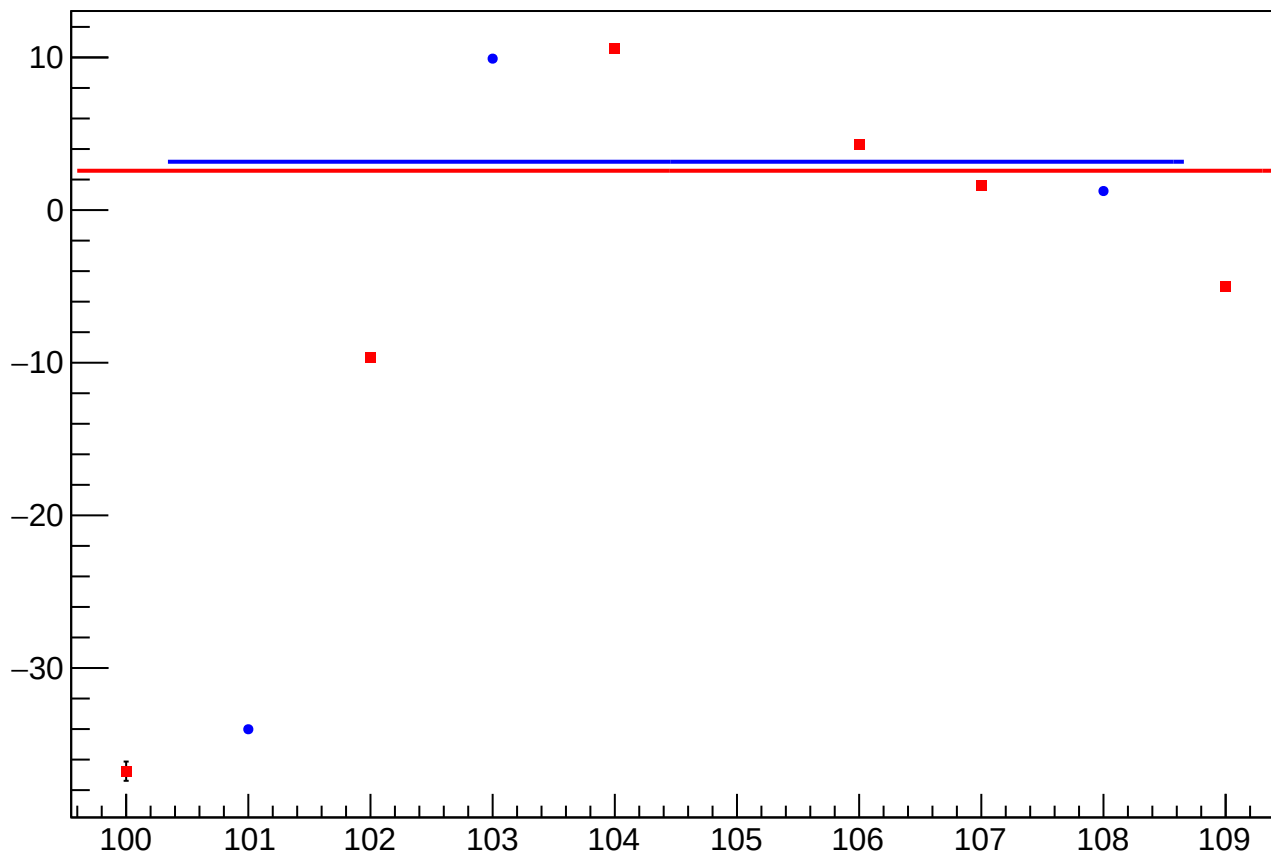
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.233 $\pm$ 0.898 χ^2 /NDF: 130.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug



Right In: 3.167 $\pm$ 0.048 χ^2 /NDF: 53522.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.577 $\pm$ 0.045 χ^2 /NDF: 30810.2/5

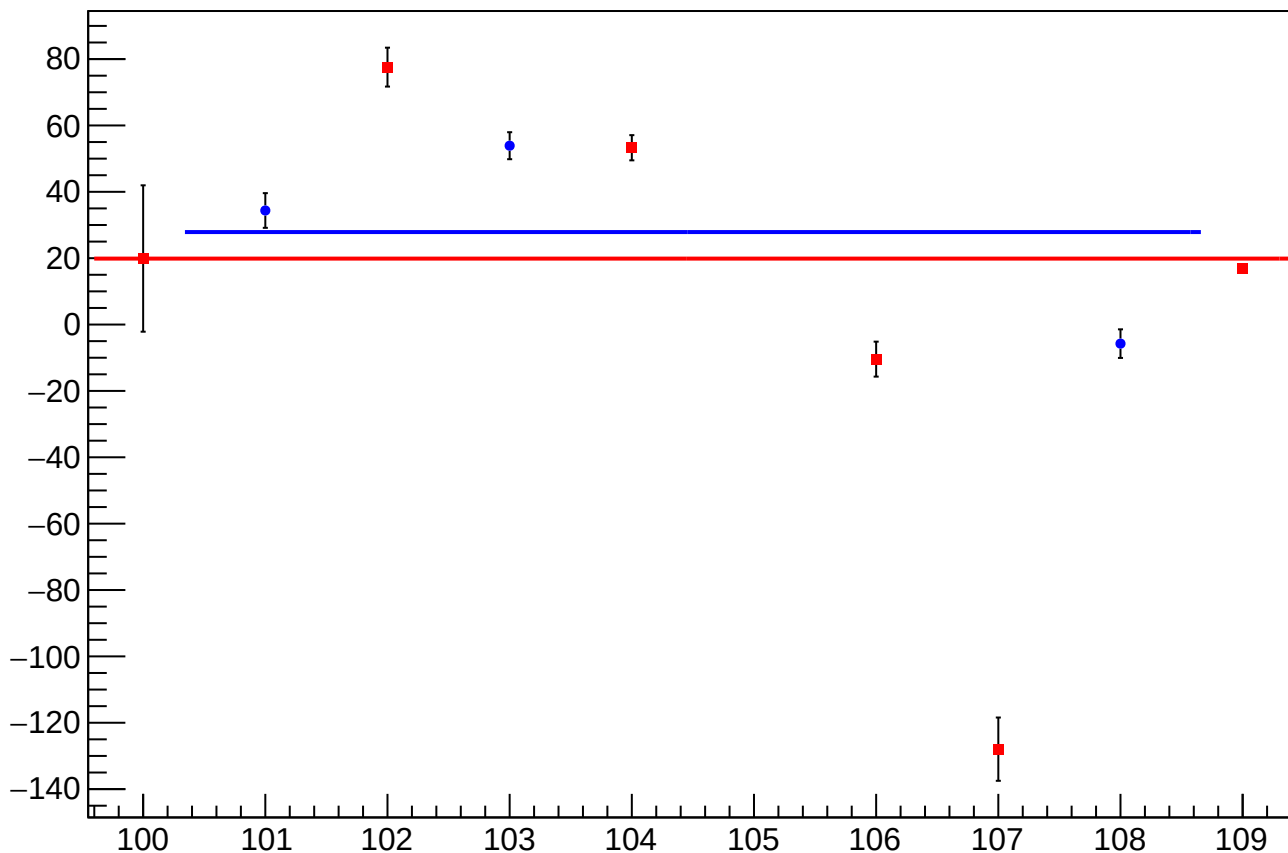
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.854 $\pm$ 0.033 χ^2 /NDF: 84411.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 27.873 $\pm$ 2.575 χ^2 /NDF: 103.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.874 $\pm$ 1.301 χ^2 /NDF: 451.4/5

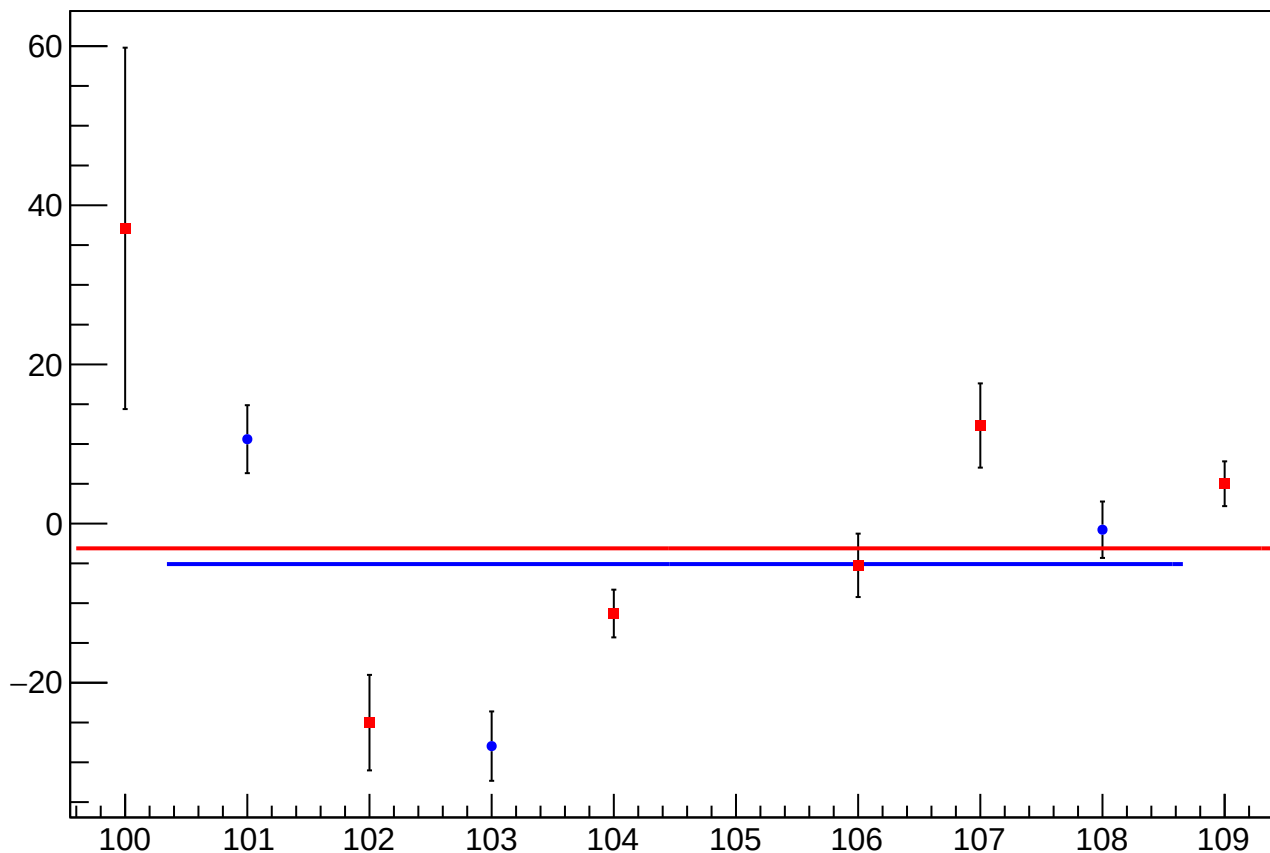
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.501 $\pm$ 1.161 χ^2 /NDF: 562.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -5.089 ± 2.312 $\chi^2/\text{NDF}: 42.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.111 ± 1.653 $\chi^2/\text{NDF}: 41.0/5$

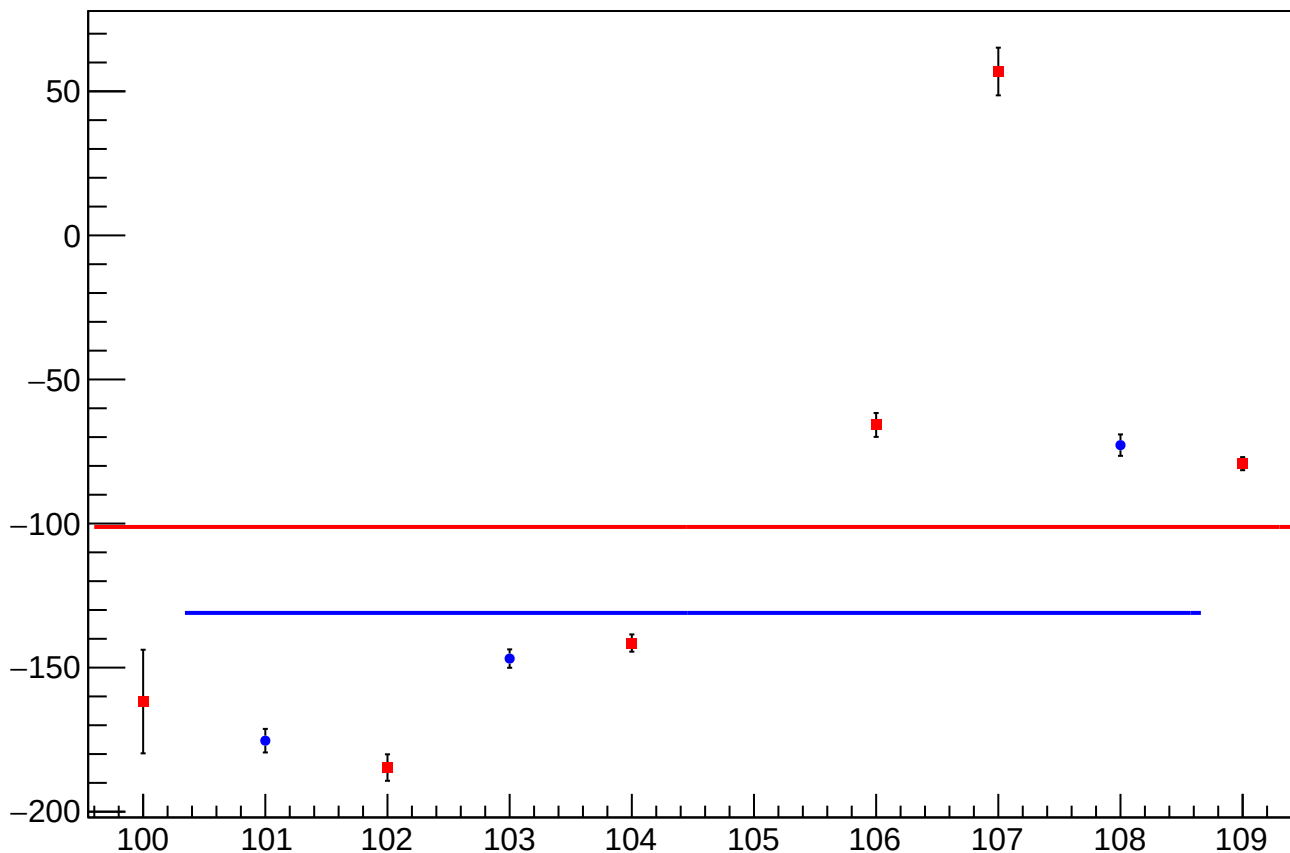
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.780 ± 1.345 $\chi^2/\text{NDF}: 84.1/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -131.014 $\pm$ 2.085 χ^2 /NDF: 386.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -101.185 $\pm$ 1.527 χ^2 /NDF: 1053.8/5

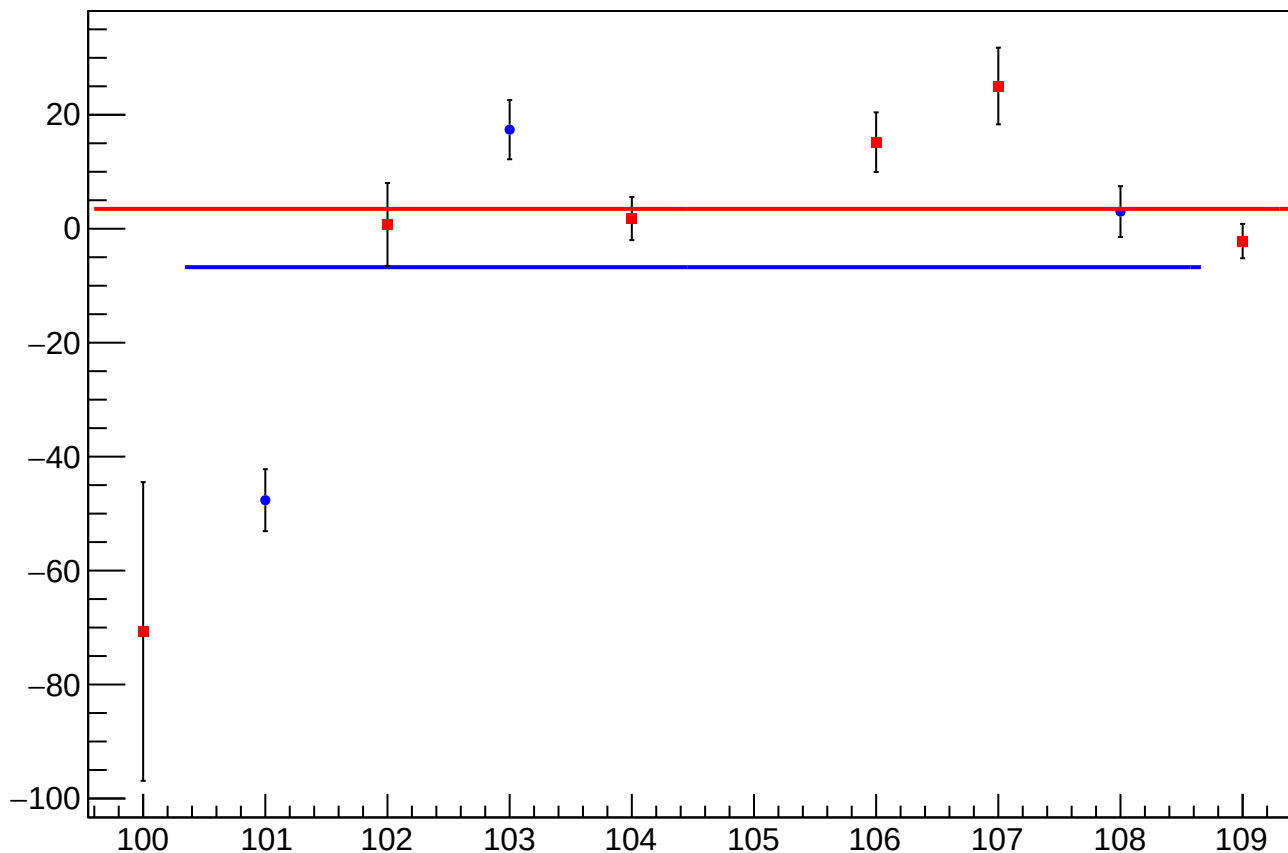
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -111.602 $\pm$ 1.232 χ^2 /NDF: 1573.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -6.743+/-2.873 χ^2/NDF : 83.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.490+/-1.964 χ^2/NDF : 27.2/5

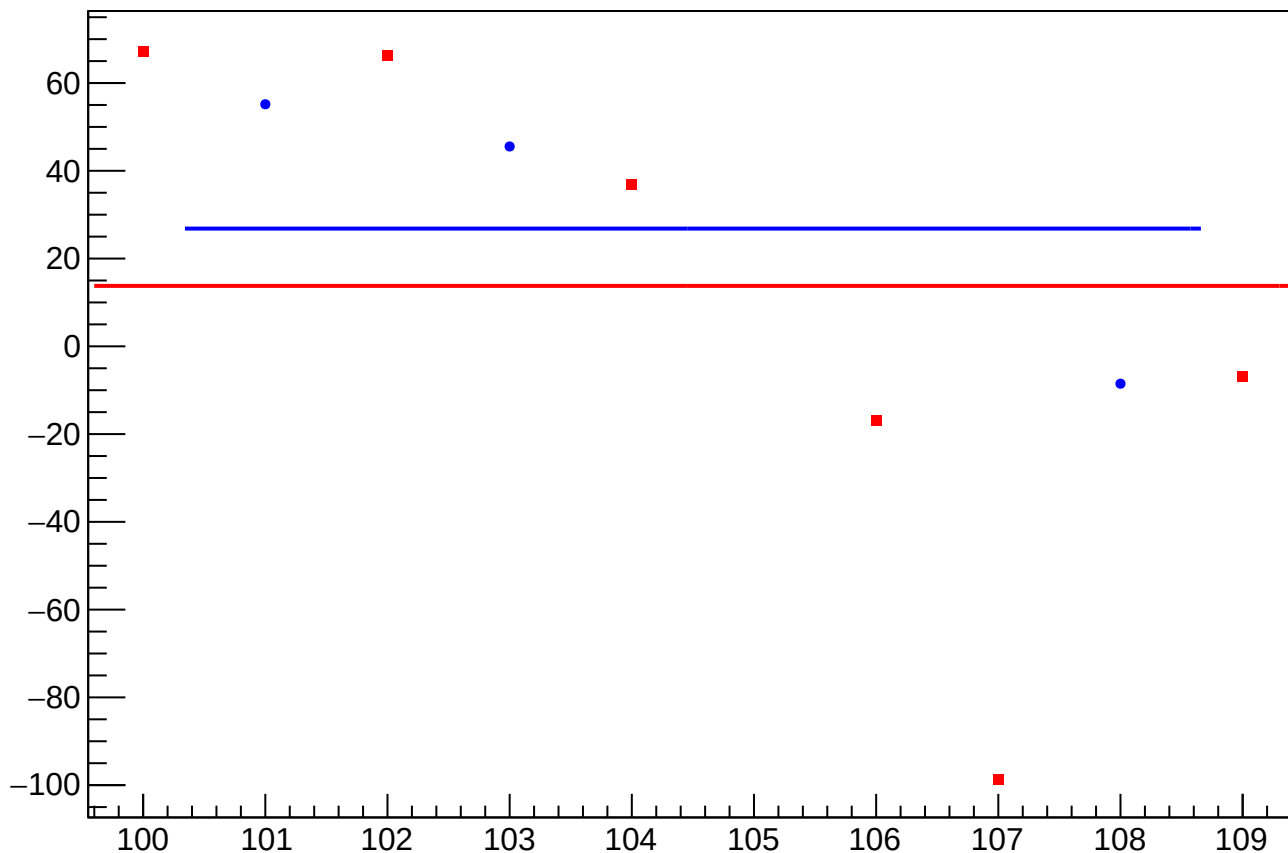
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.230+/-1.621 χ^2/NDF : 118.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 26.832 $\pm$ 0.093 χ^2 /NDF: 87429.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.773 $\pm$ 0.083 χ^2 /NDF: 248602.8/5

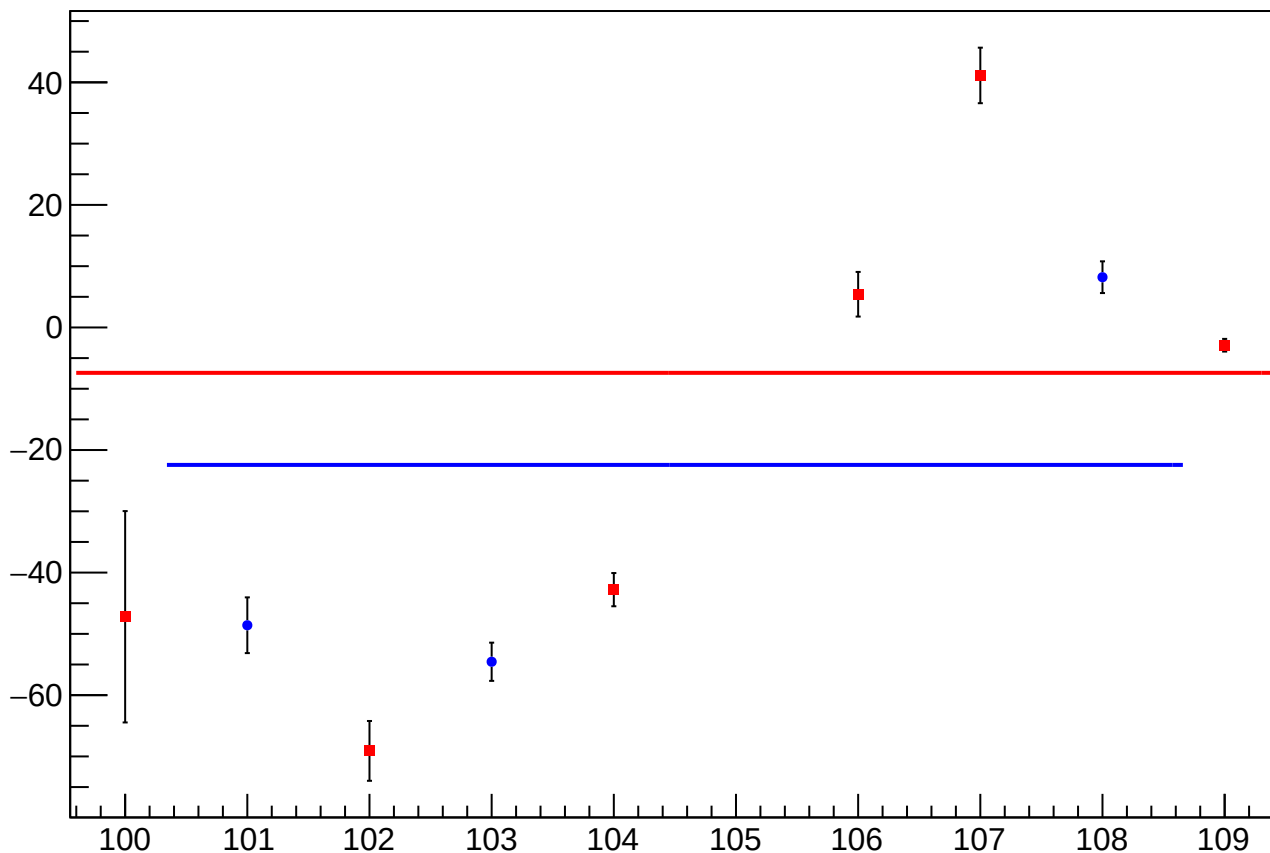
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.612 $\pm$ 0.062 χ^2 /NDF: 347013.2/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -22.428 $\pm$ 1.824 χ^2 /NDF: 279.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.405 $\pm$ 0.898 χ^2 /NDF: 481.5/5

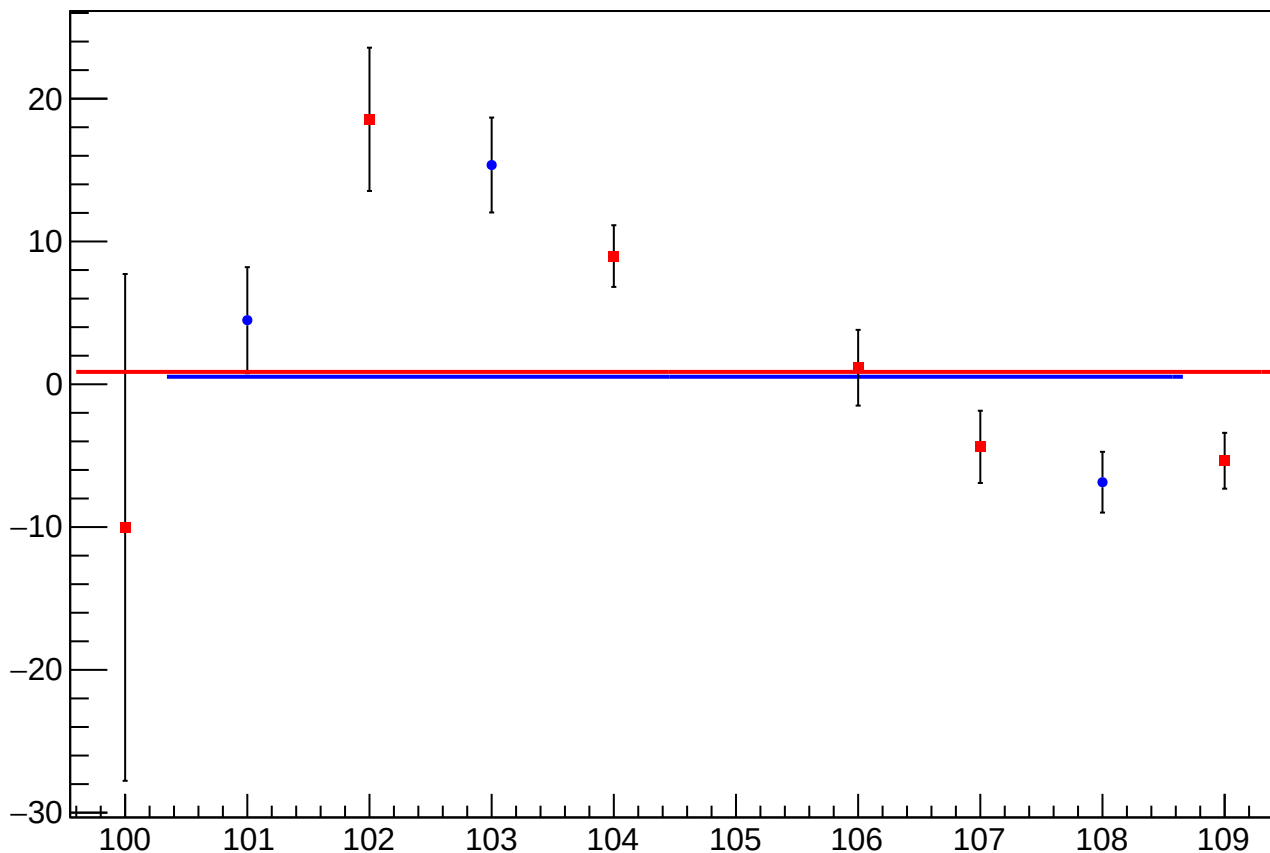
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.337 $\pm$ 0.806 χ^2 /NDF: 815.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 0.526+/-1.614 χ^2/NDF : 33.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.867+/-1.106 χ^2/NDF : 41.4/5

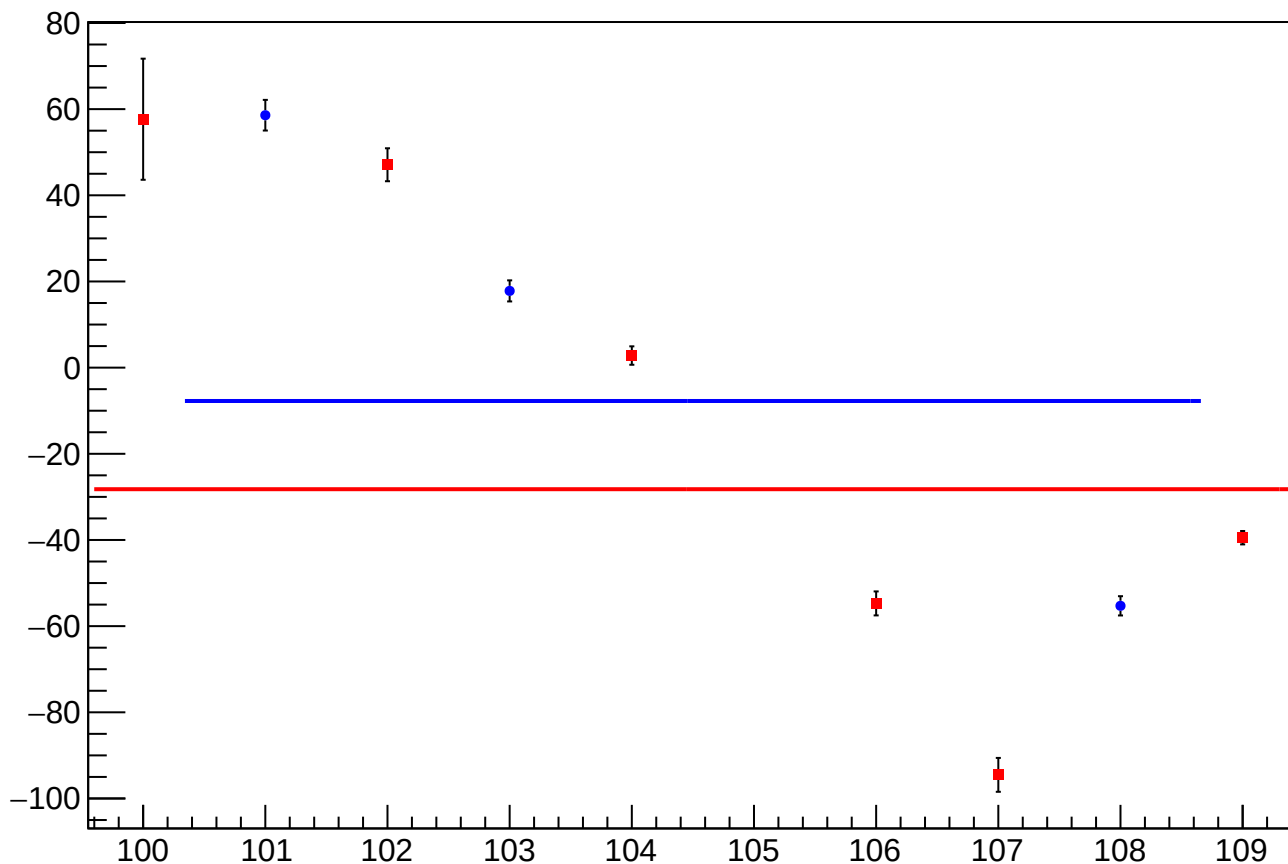
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.758+/-0.913 χ^2/NDF : 74.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -7.742 ± 1.497 χ^2/NDF : 909.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.217 ± 1.055 χ^2/NDF : 1062.6/5

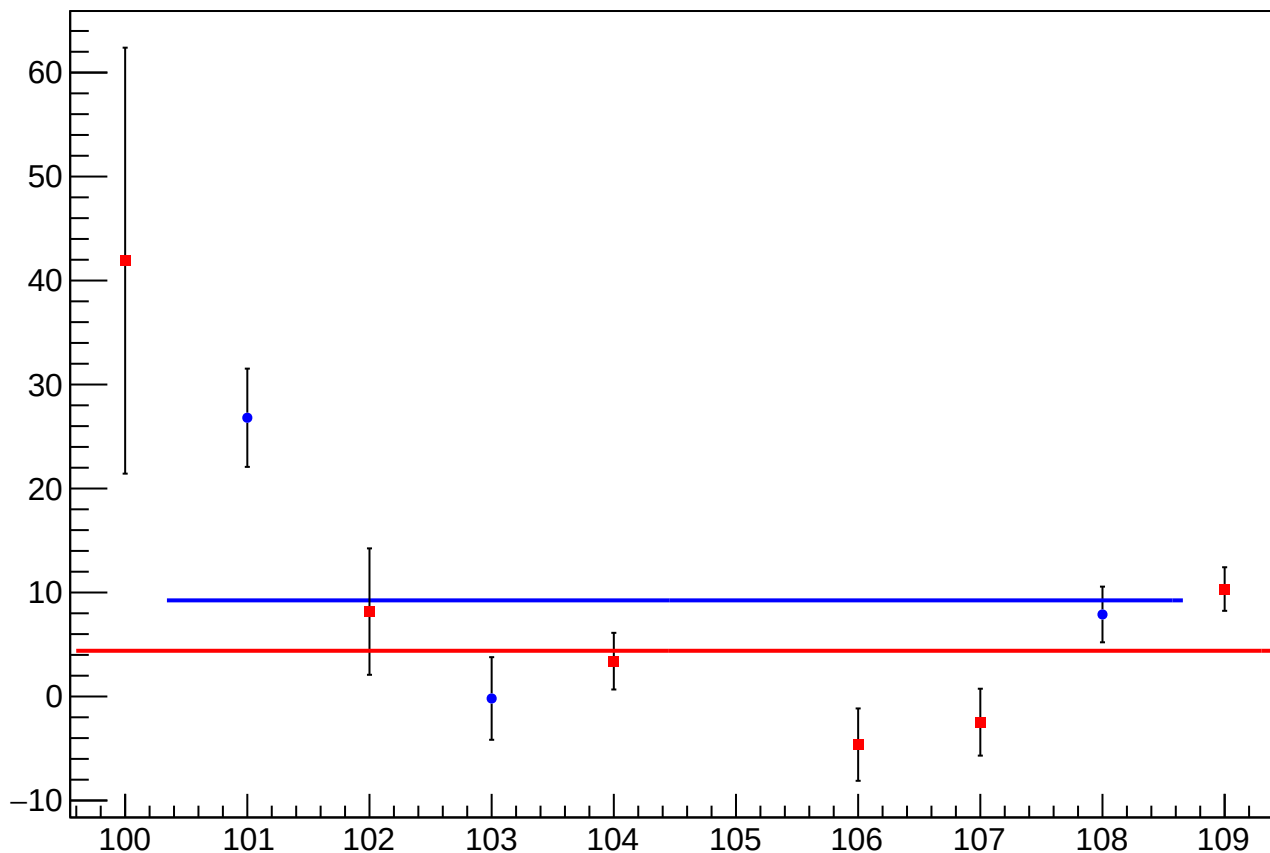
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.425 ± 0.862 χ^2/NDF : 2096.6/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 9.244+/-2.010 χ^2/NDF : 19.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.397+/-1.323 χ^2/NDF : 23.2/5

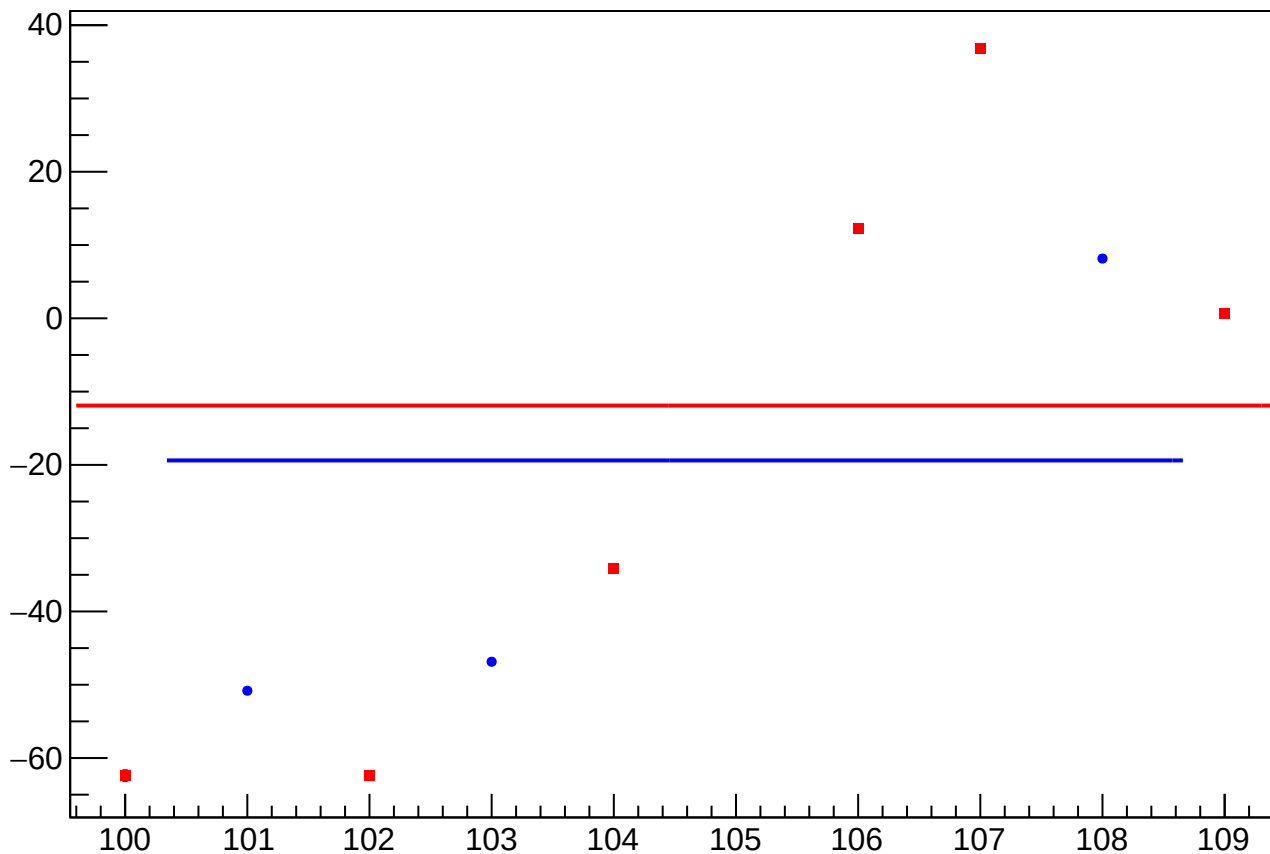
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.863+/-1.105 χ^2/NDF : 47.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -19.391 ± 0.065 χ^2/NDF : 185167.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.907 ± 0.058 χ^2/NDF : 276440.8/5

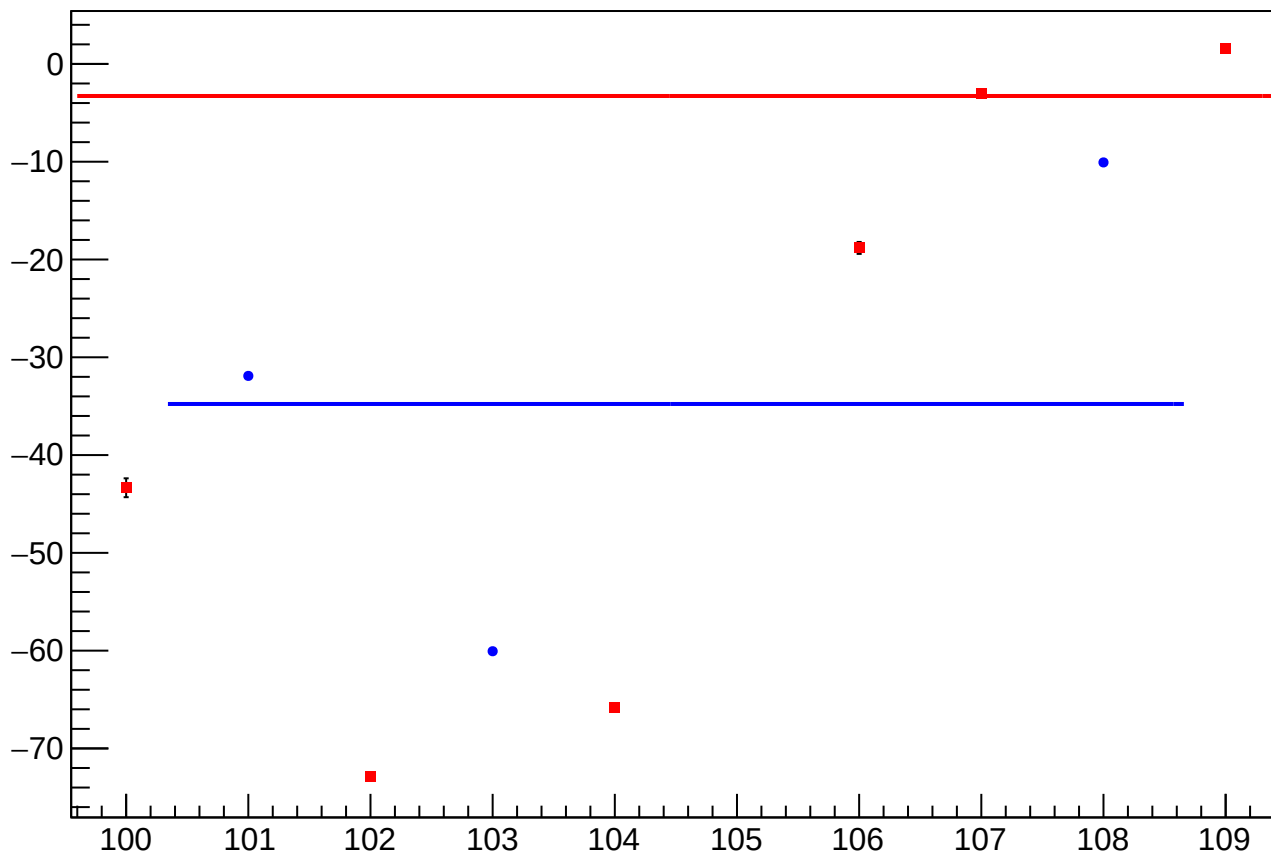
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.231 ± 0.043 χ^2/NDF : 469009.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -34.775 $\pm$ 0.218 χ^2 /NDF: 6057.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.279 $\pm$ 0.079 χ^2 /NDF: 46072.3/5

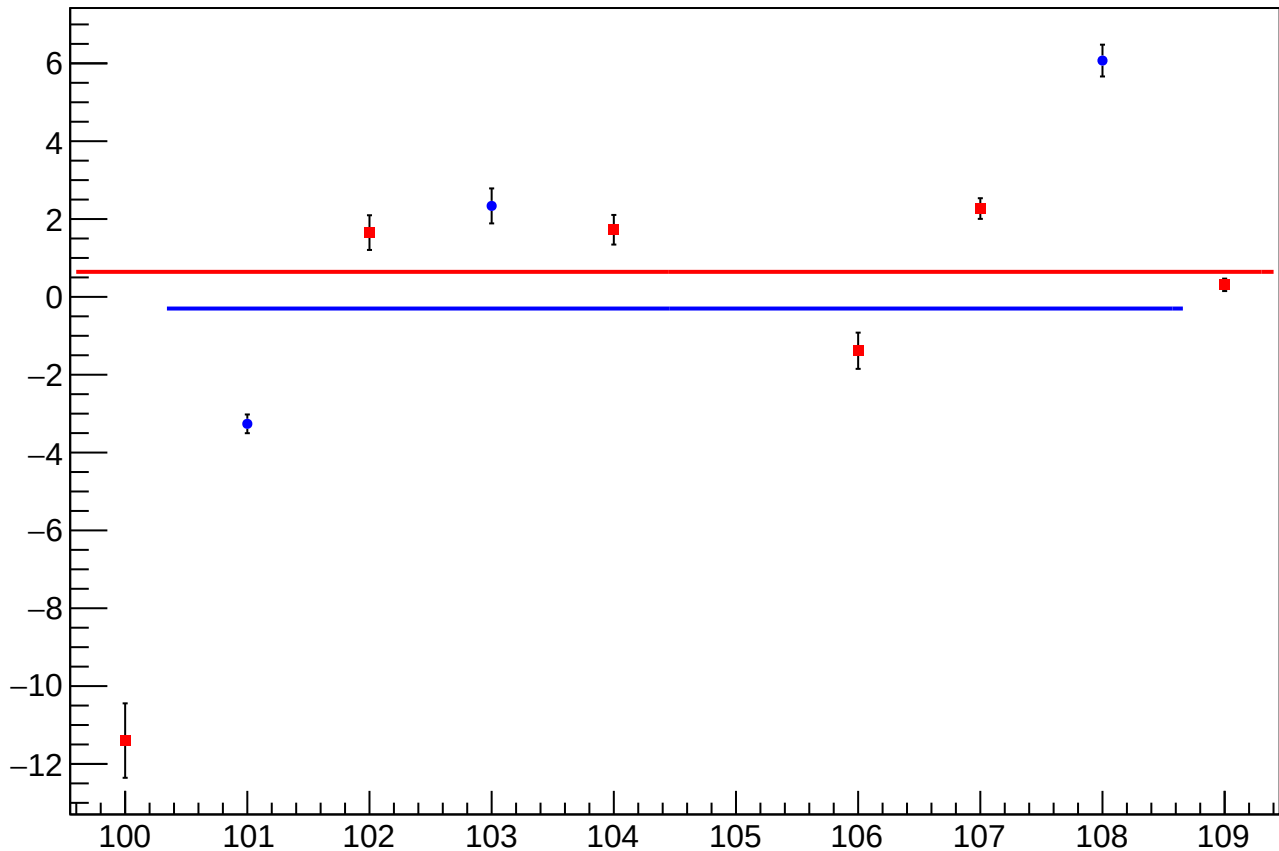
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.937 $\pm$ 0.074 χ^2 /NDF: 70521.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: -0.299 $\pm$ 0.188 χ^2 /NDF: 429.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.643 $\pm$ 0.119 χ^2 /NDF: 232.6/5

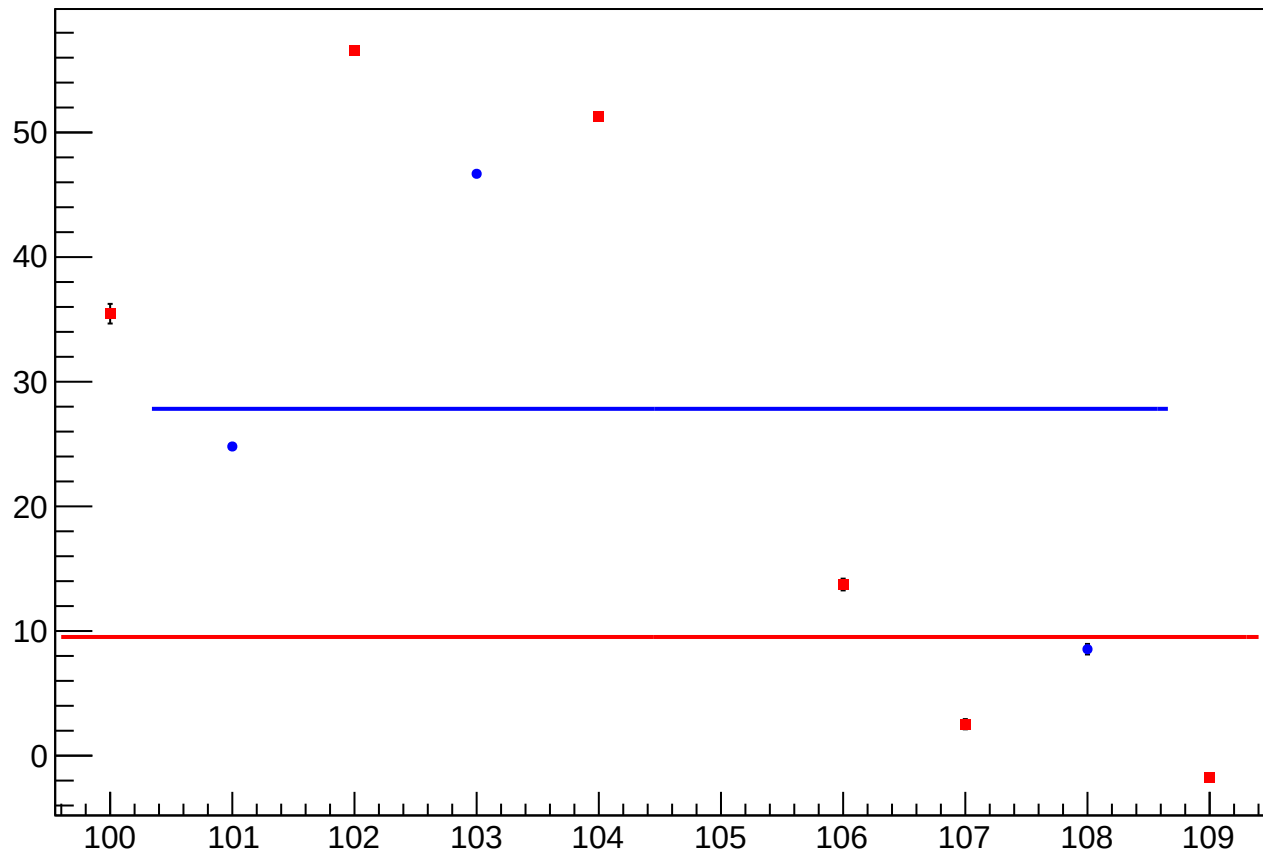
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.375 $\pm$ 0.100 χ^2 /NDF: 679.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 27.826+/-0.174 χ^2/NDF : 5338.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.522+/-0.107 χ^2/NDF : 38762.3/5

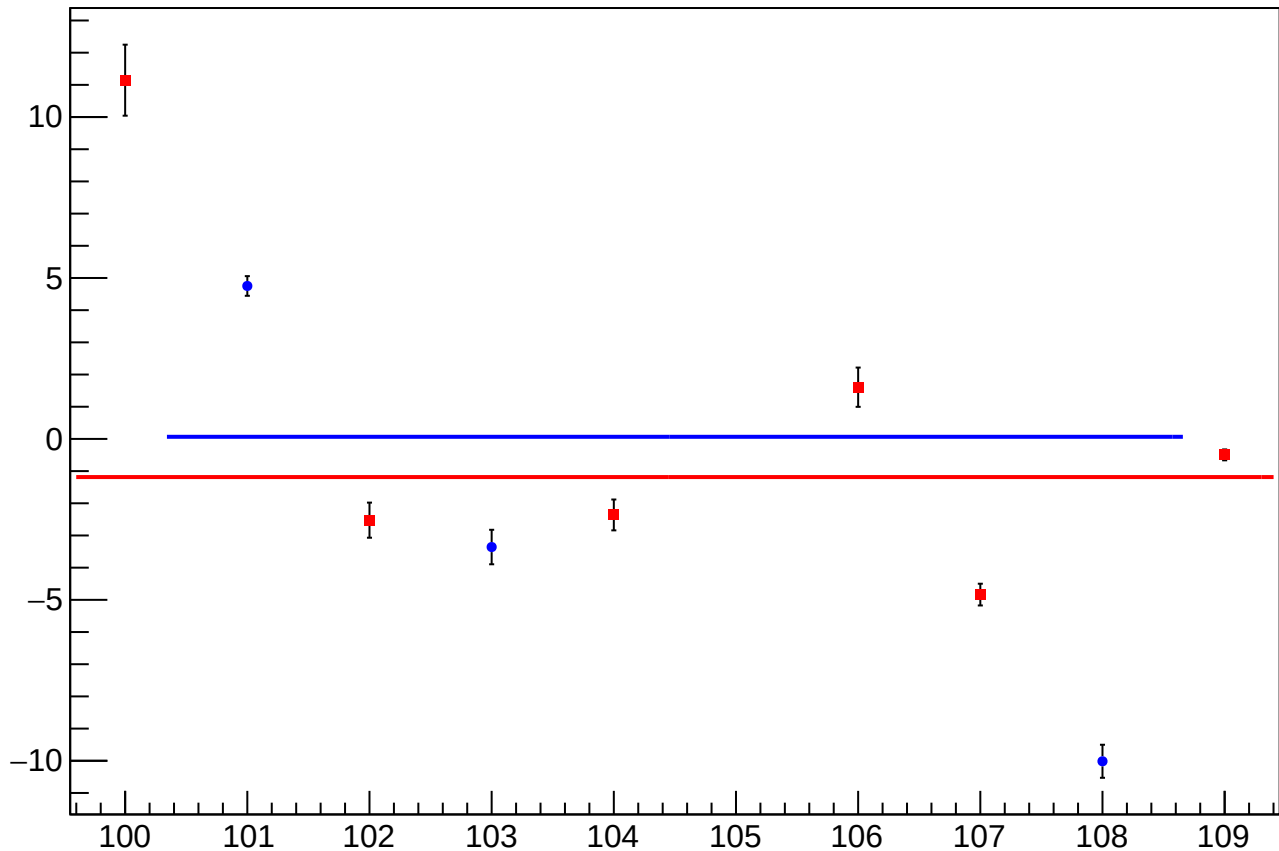
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.539+/-0.091 χ^2/NDF : 52130.3/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: 0.066 $\pm$ 0.236 χ^2 /NDF: 661.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.185 $\pm$ 0.135 χ^2 /NDF: 291.4/5

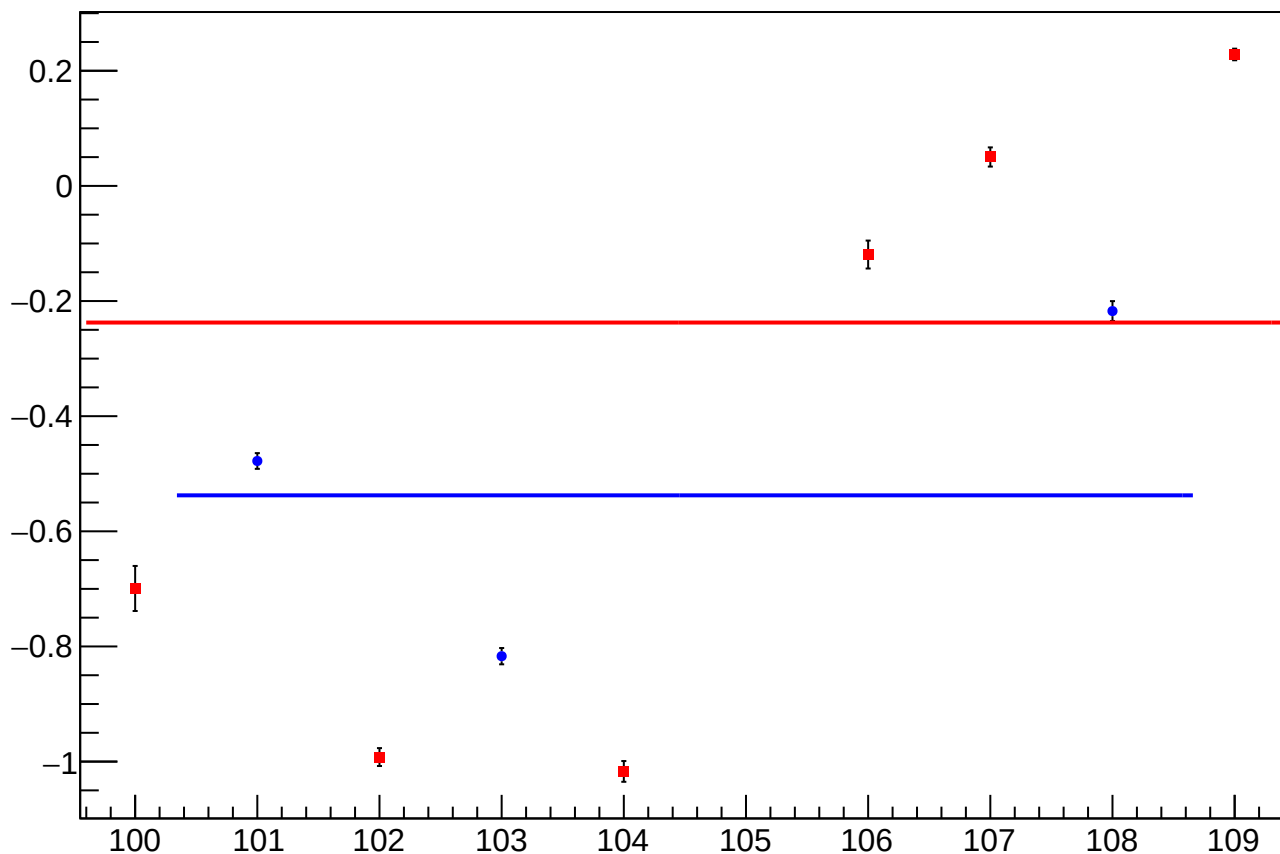
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.876 $\pm$ 0.117 χ^2 /NDF: 974.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: -0.538 $\pm$ 0.009 χ^2 /NDF: 753.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.237 $\pm$ 0.007 χ^2 /NDF: 6825.8/5

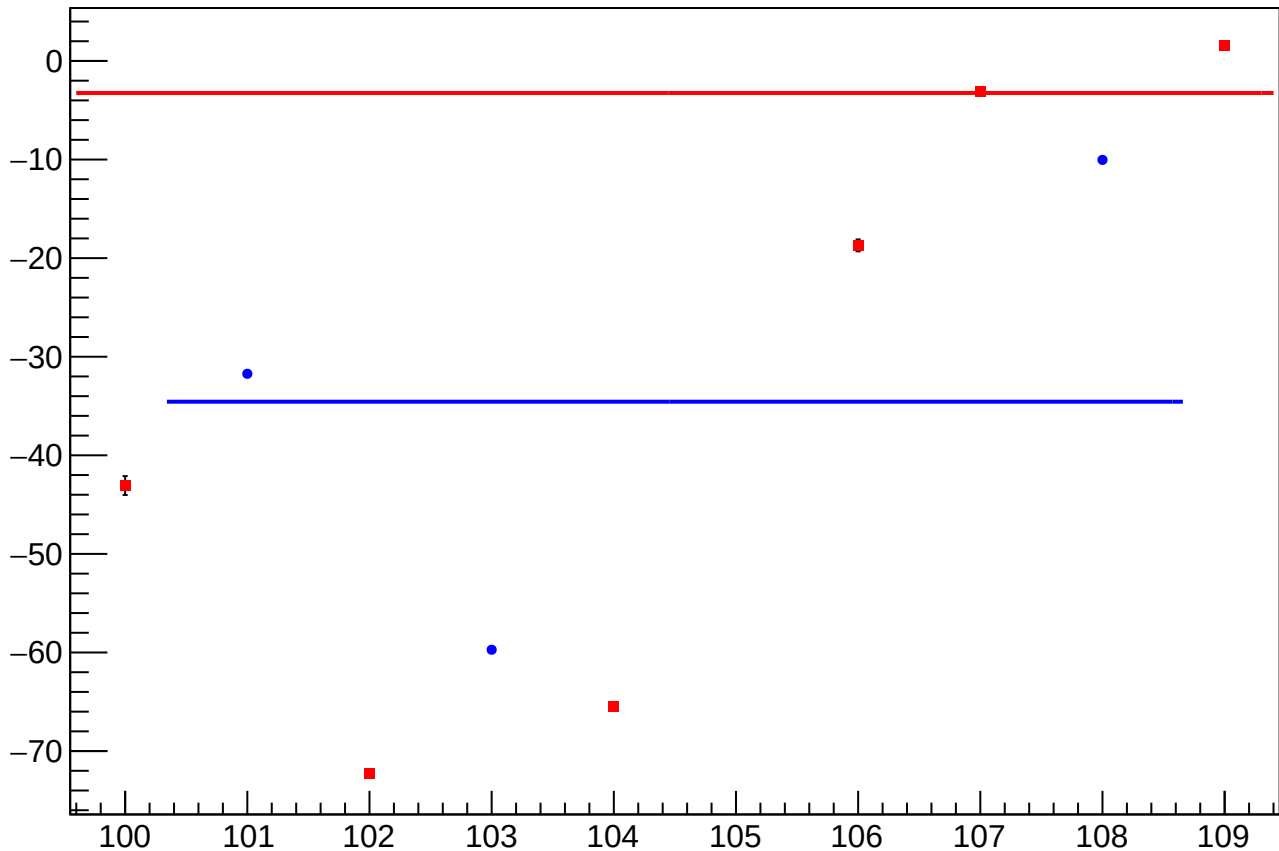
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.349 $\pm$ 0.005 χ^2 /NDF: 8353.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -34.563 ± 0.217 χ^2/NDF : 6057.6/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.247 ± 0.079 χ^2/NDF : 46052.0/5

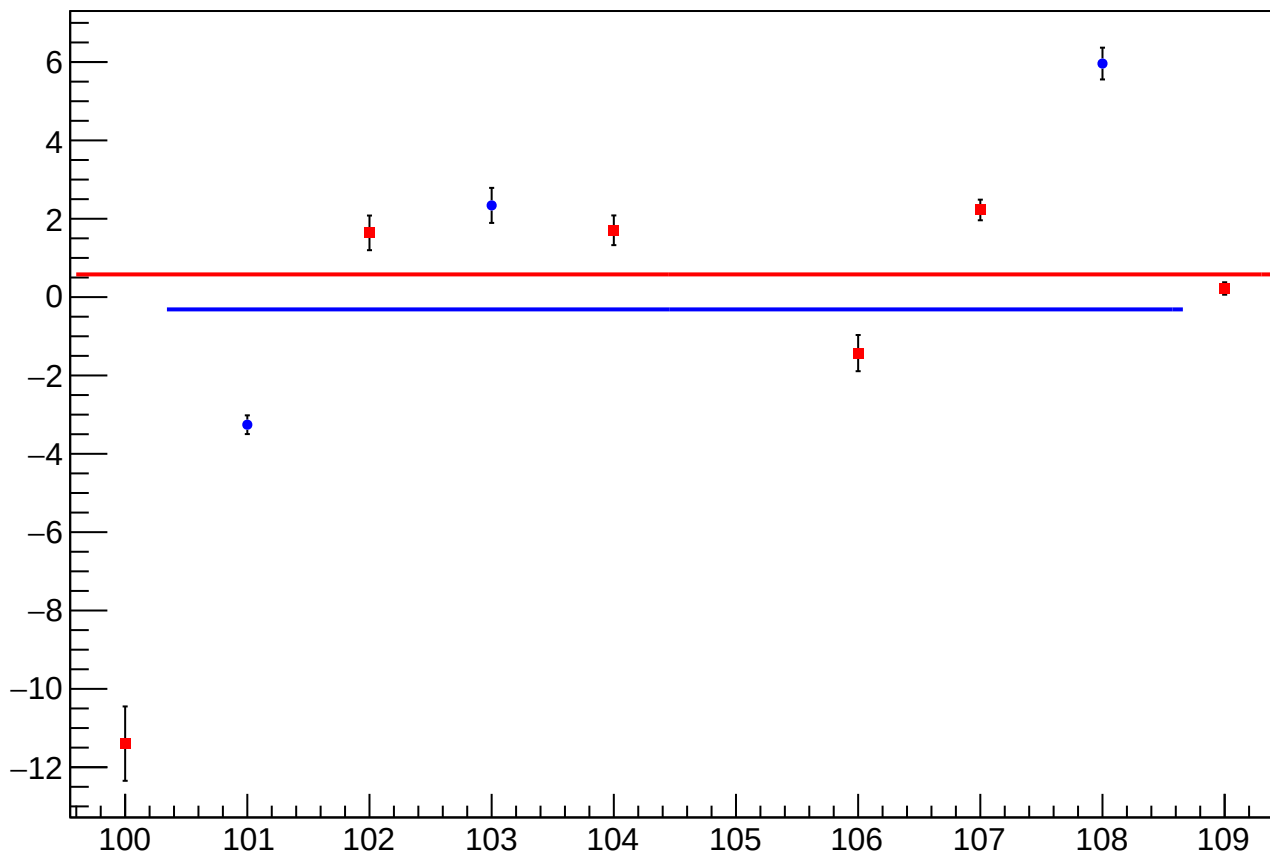
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.872 ± 0.074 χ^2/NDF : 70507.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: -0.314+/-0.187 χ^2/NDF : 425.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.579+/-0.118 χ^2/NDF : 237.0/5

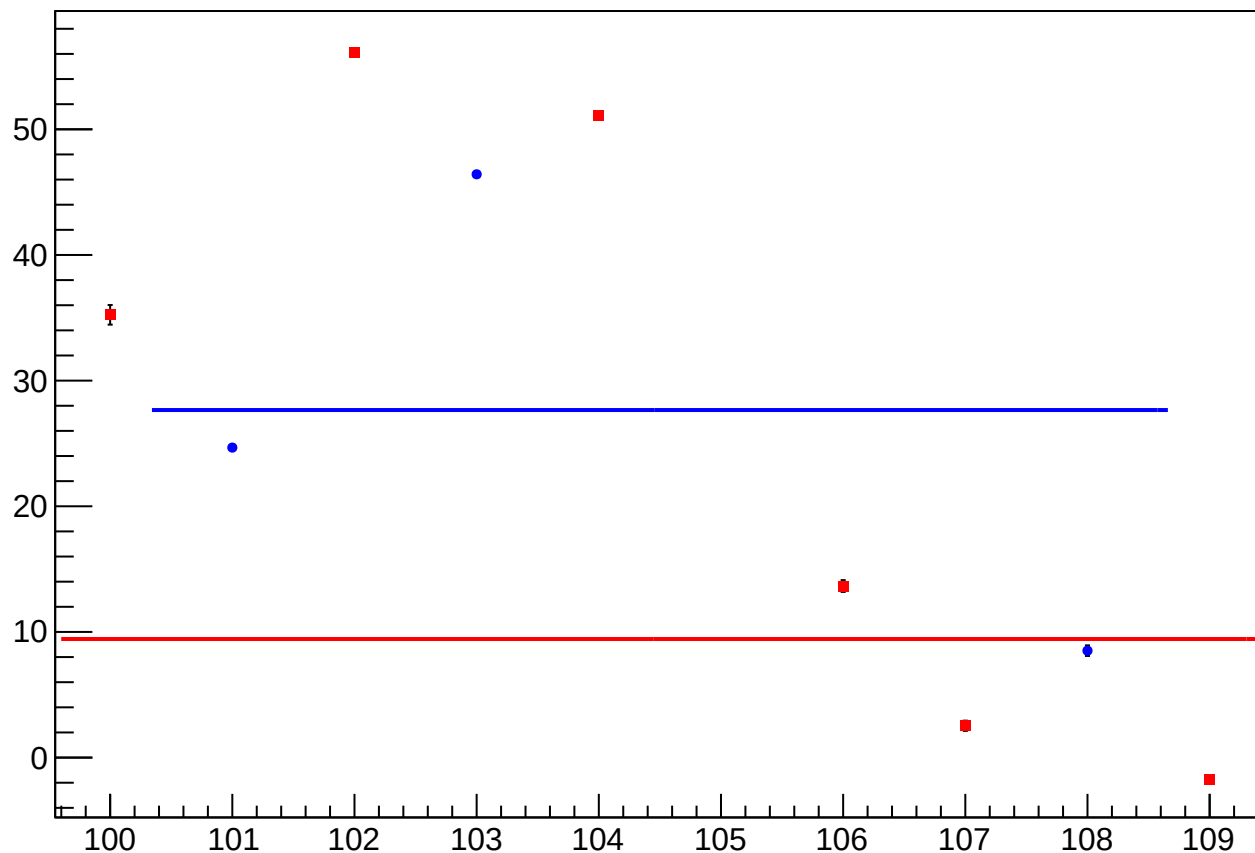
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.326+/-0.100 χ^2/NDF : 679.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 27.659+/-0.173 χ^2/NDF : 5337.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.437+/-0.106 χ^2/NDF : 38760.2/5

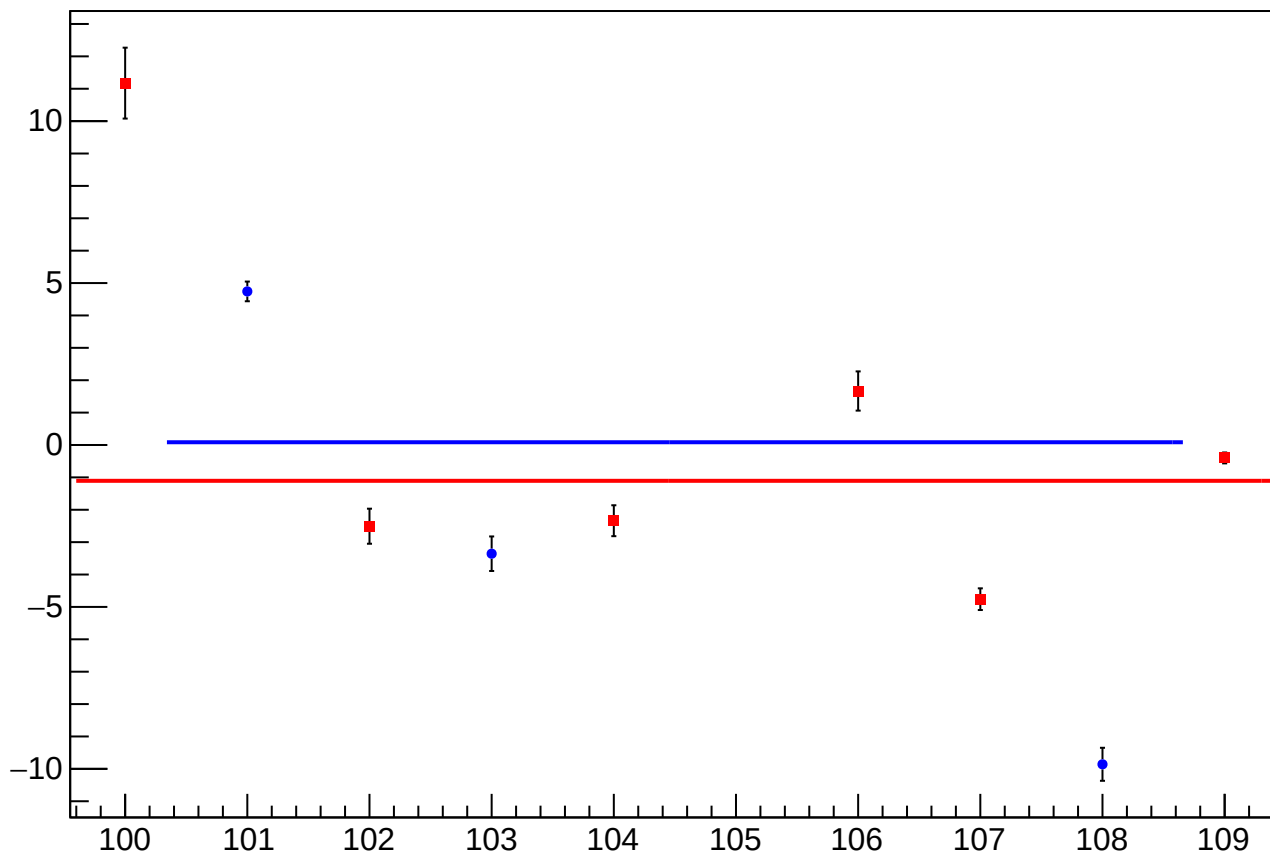
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.419+/-0.090 χ^2/NDF : 52152.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: 0.085 $\pm$ 0.234 χ^2 /NDF: 657.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.106 $\pm$ 0.134 χ^2 /NDF: 297.0/5

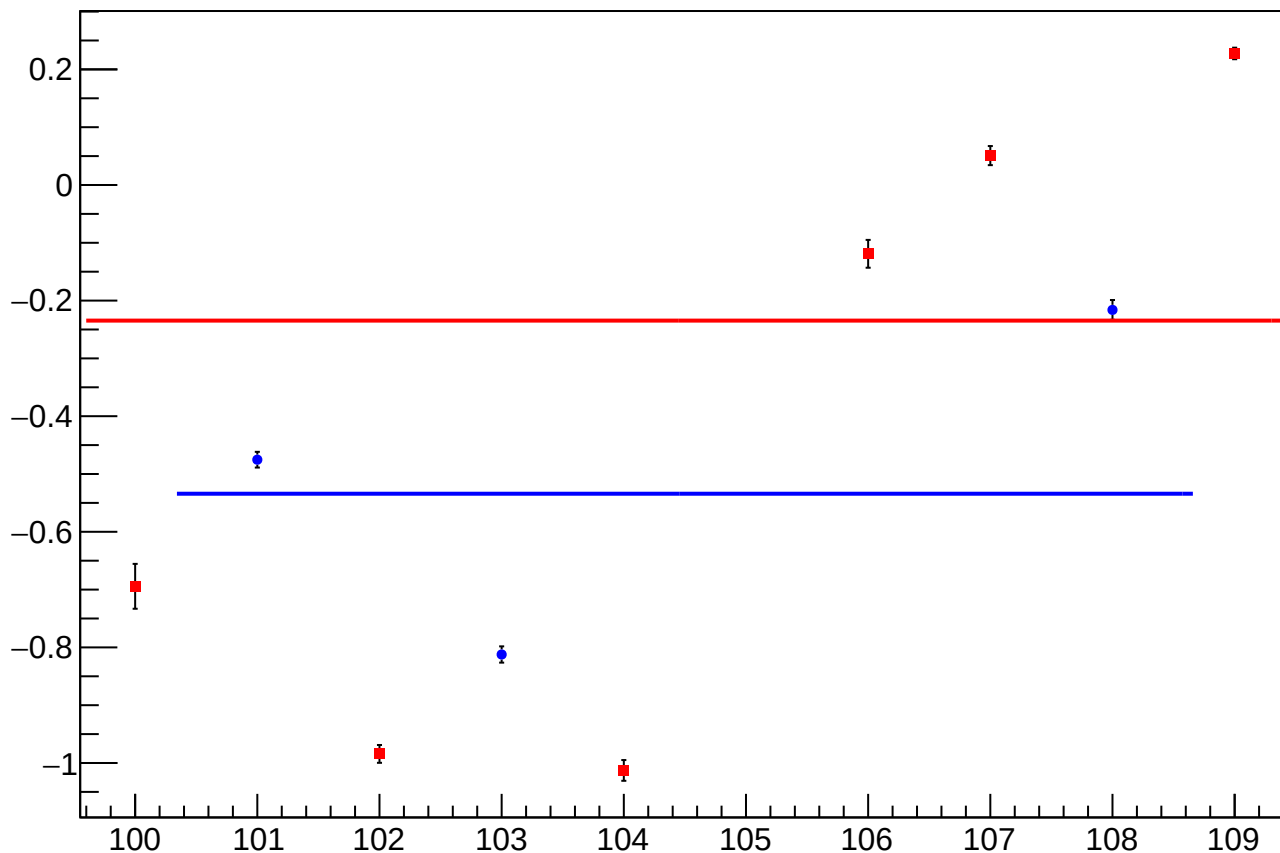
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.813 $\pm$ 0.116 χ^2 /NDF: 973.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: -0.534 ± 0.008 χ^2/NDF : 754.5/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.235 ± 0.007 χ^2/NDF : 6839.5/5

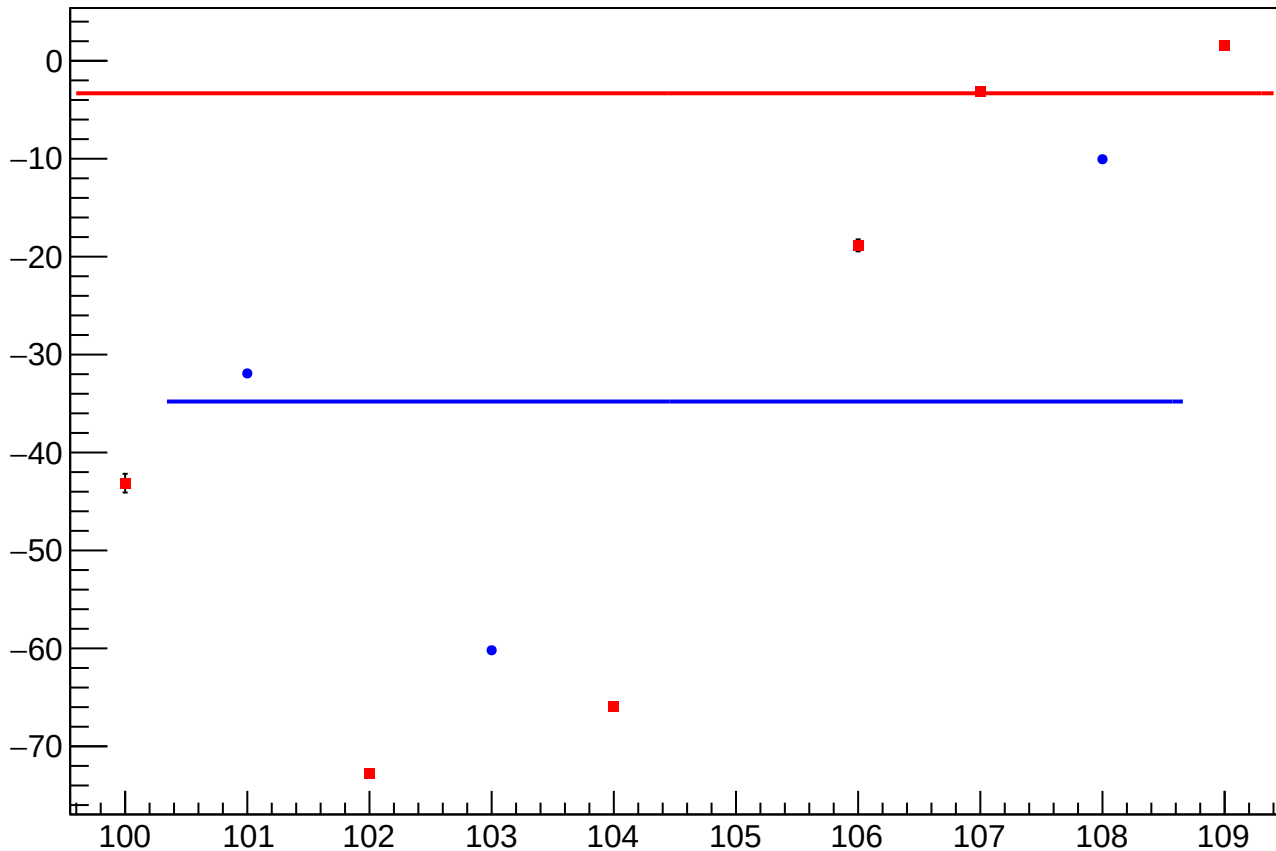
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.346 ± 0.005 χ^2/NDF : 8374.8/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -34.792 ± 0.218 χ^2/NDF : 6088.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.318 ± 0.079 χ^2/NDF : 46020.2/5

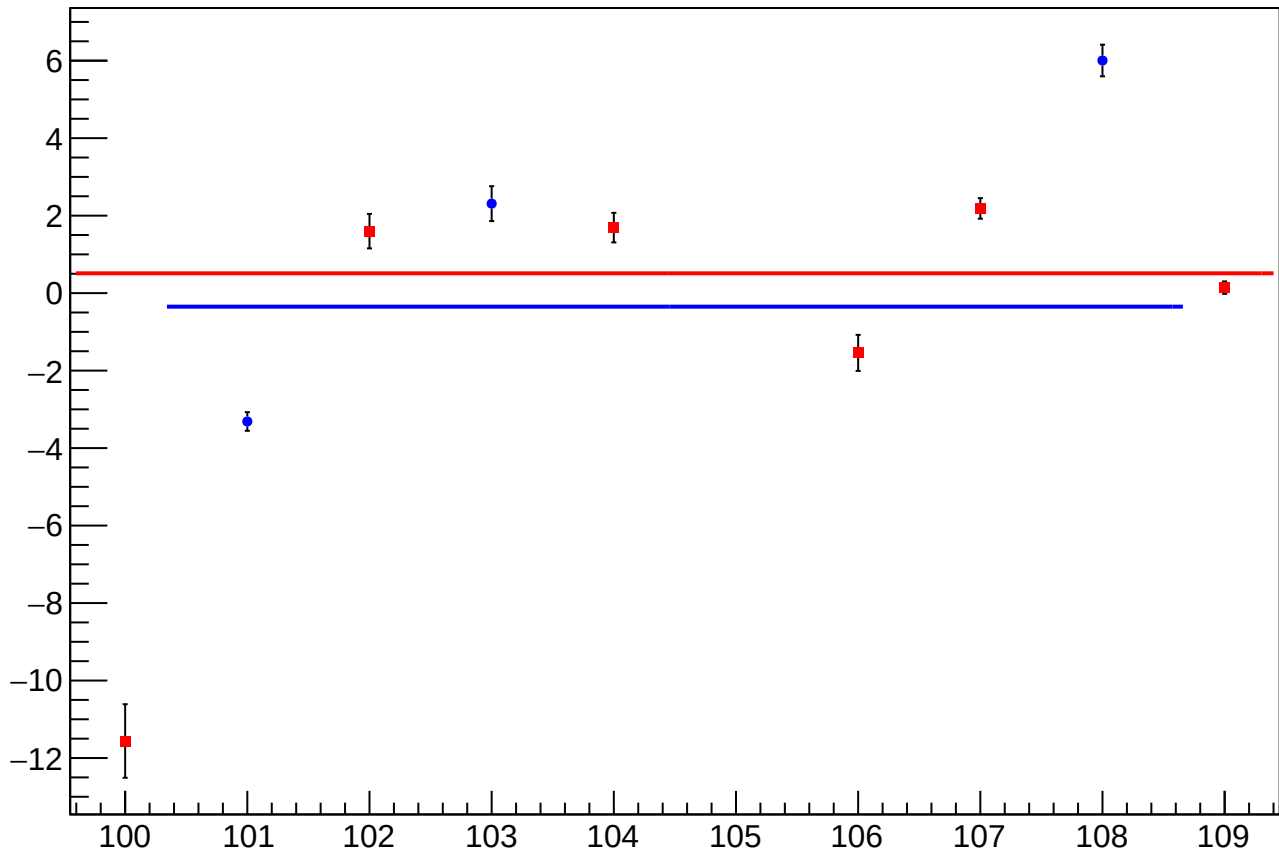
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.987 ± 0.075 χ^2/NDF : 70452.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: -0.349+/-0.188 χ^2/NDF : 428.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.511+/-0.119 χ^2/NDF : 241.6/5

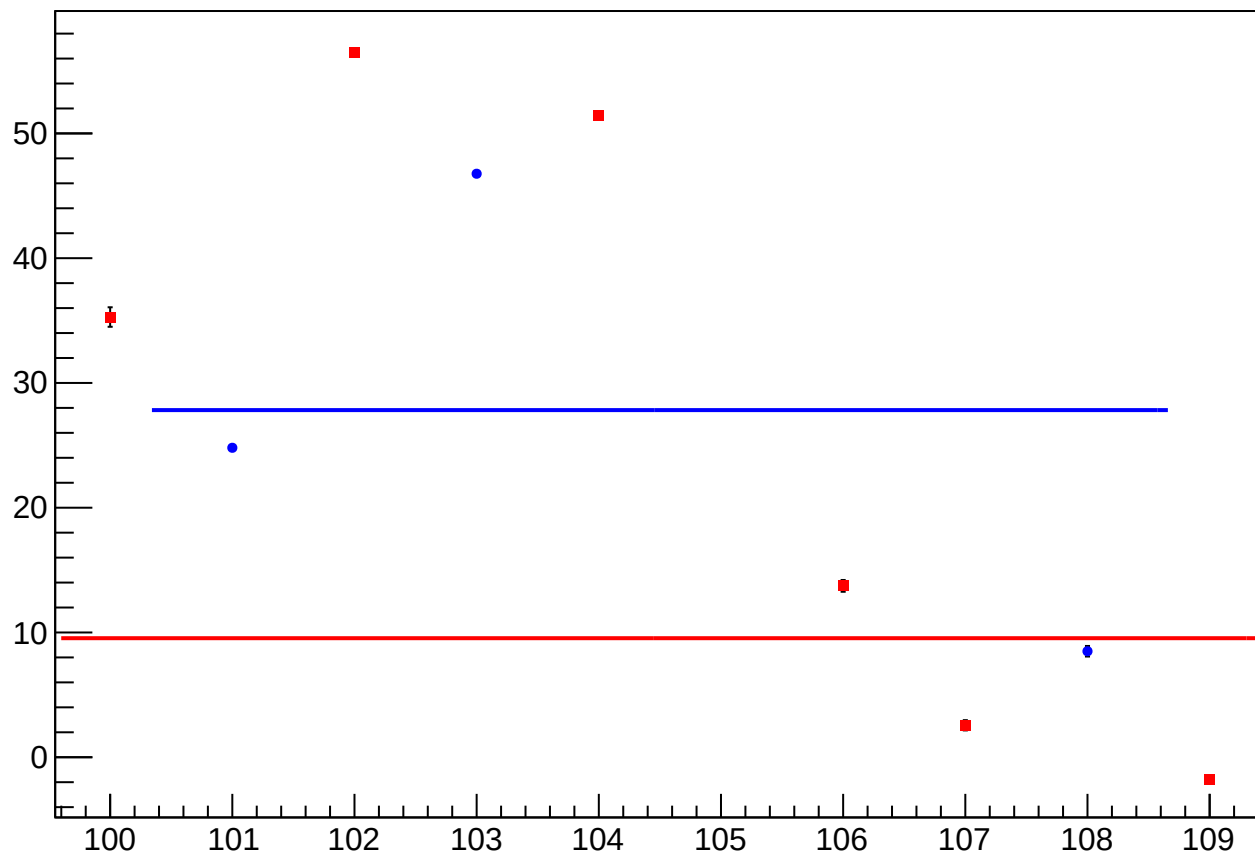
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.266+/-0.101 χ^2/NDF : 685.2/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: 27.824 $\pm$ 0.174 χ^2 /NDF: 5368.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.542 $\pm$ 0.107 χ^2 /NDF: 38723.5/5

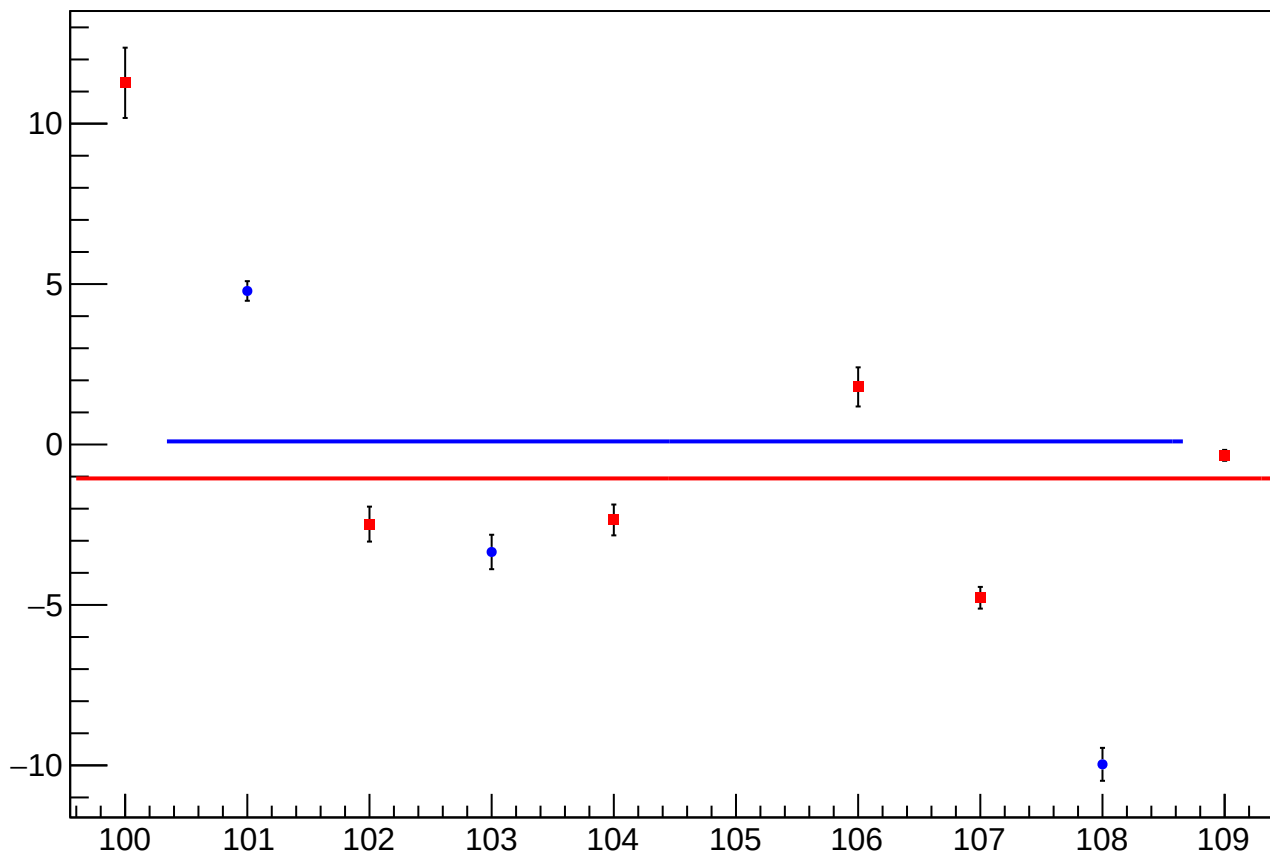
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.564 $\pm$ 0.091 χ^2 /NDF: 52088.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: 0.097 $\pm$ 0.236 χ^2 /NDF: 661.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.057 $\pm$ 0.135 χ^2 /NDF: 301.4/5

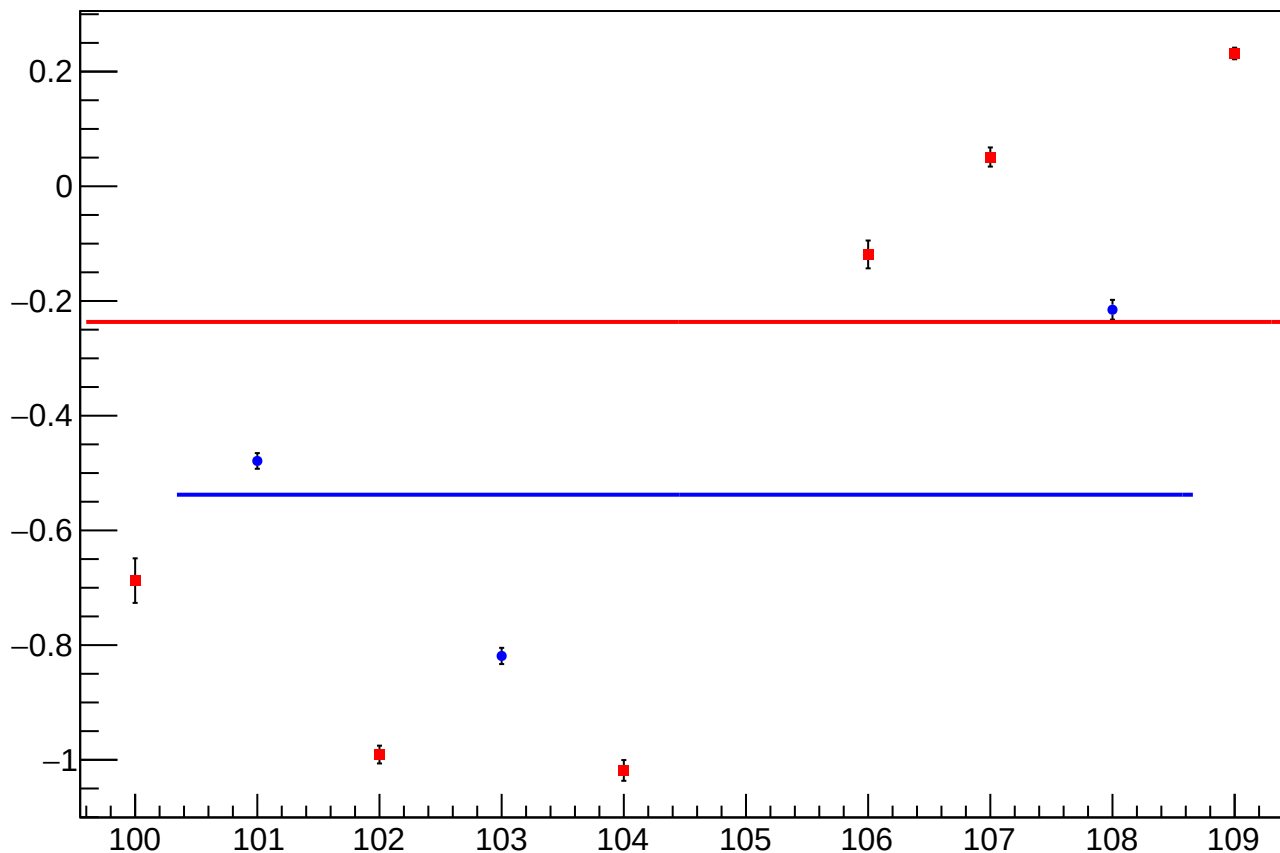
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.772 $\pm$ 0.117 χ^2 /NDF: 980.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.538+/-0.009 χ^2 /NDF: 762.5/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.236+/-0.007 χ^2 /NDF: 6833.4/5

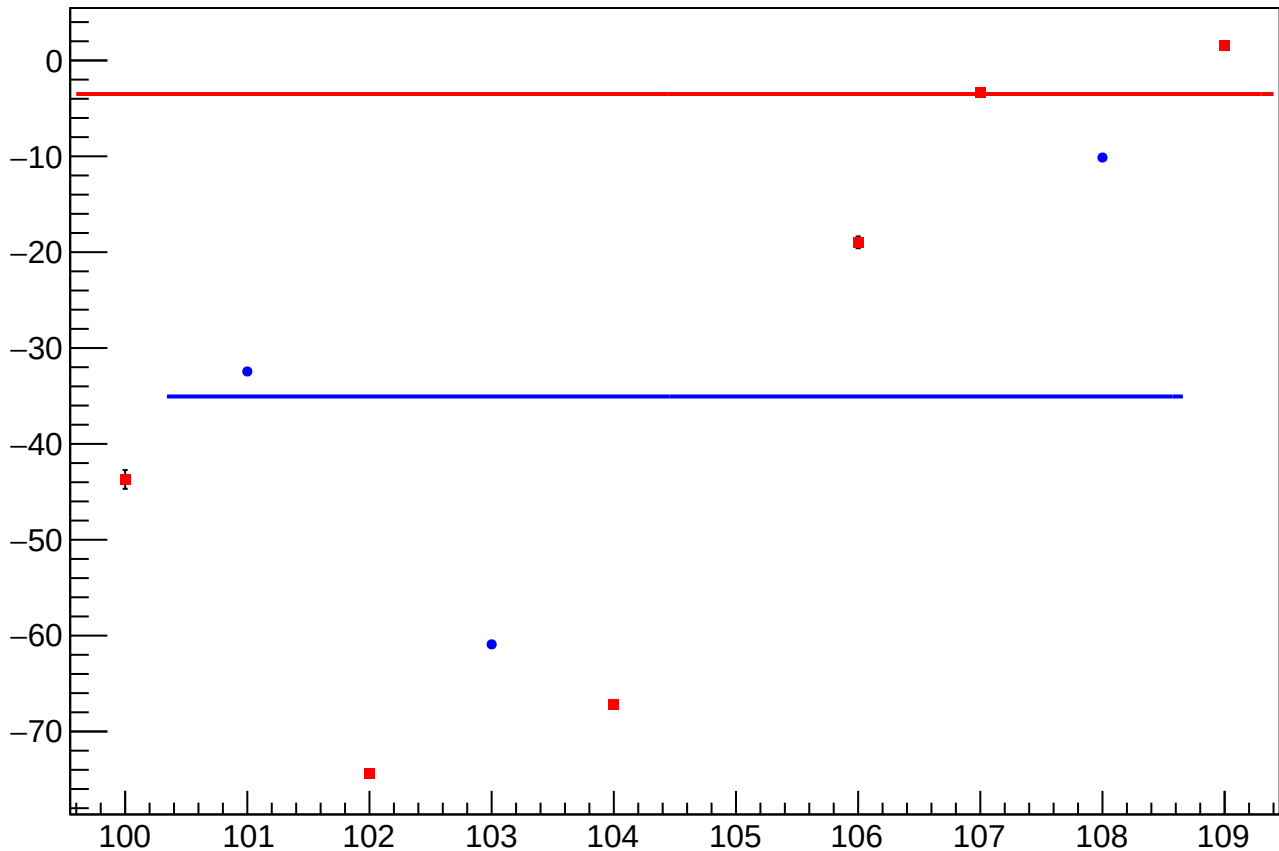
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.349+/-0.005 χ^2 /NDF: 8374.6/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -35.054 ± 0.222 $\chi^2/\text{NDF}: 6120.0/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.500 ± 0.082 $\chi^2/\text{NDF}: 45671.4/5$

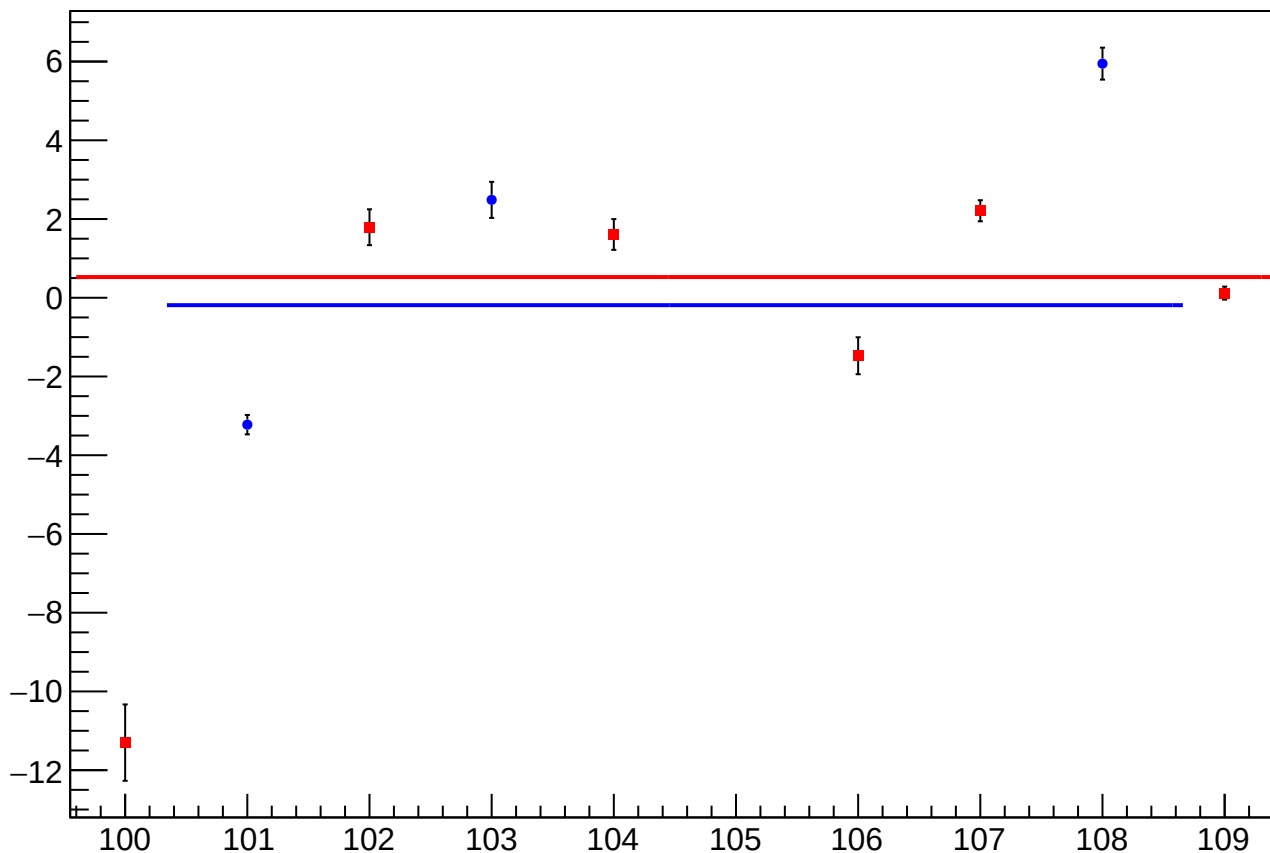
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.261 ± 0.077 $\chi^2/\text{NDF}: 69561.8/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: -0.188 $\pm$ 0.191 χ^2 /NDF: 414.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.527 $\pm$ 0.122 χ^2 /NDF: 227.9/5

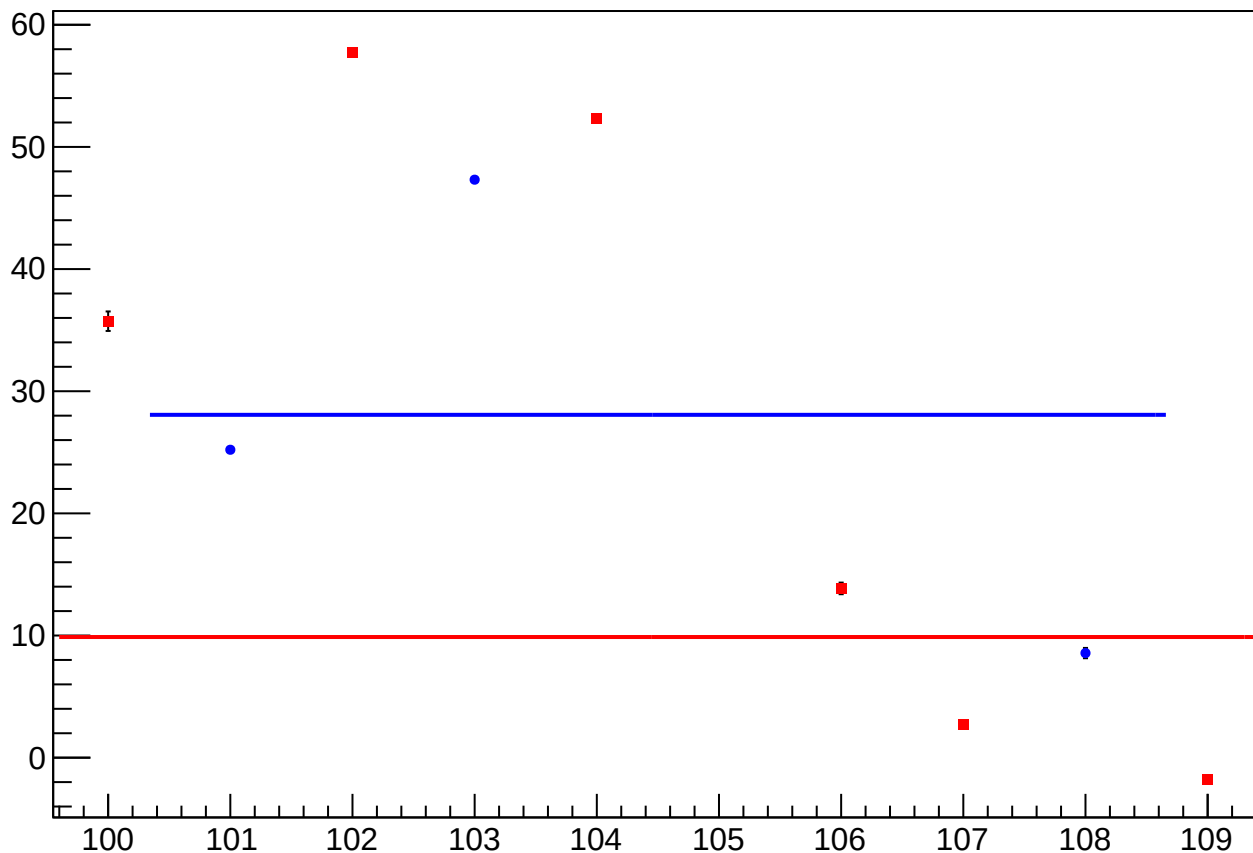
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.321 $\pm$ 0.103 χ^2 /NDF: 652.3/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 28.068+/-0.177 χ^2/NDF : 5382.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.877+/-0.110 χ^2/NDF : 38344.8/5

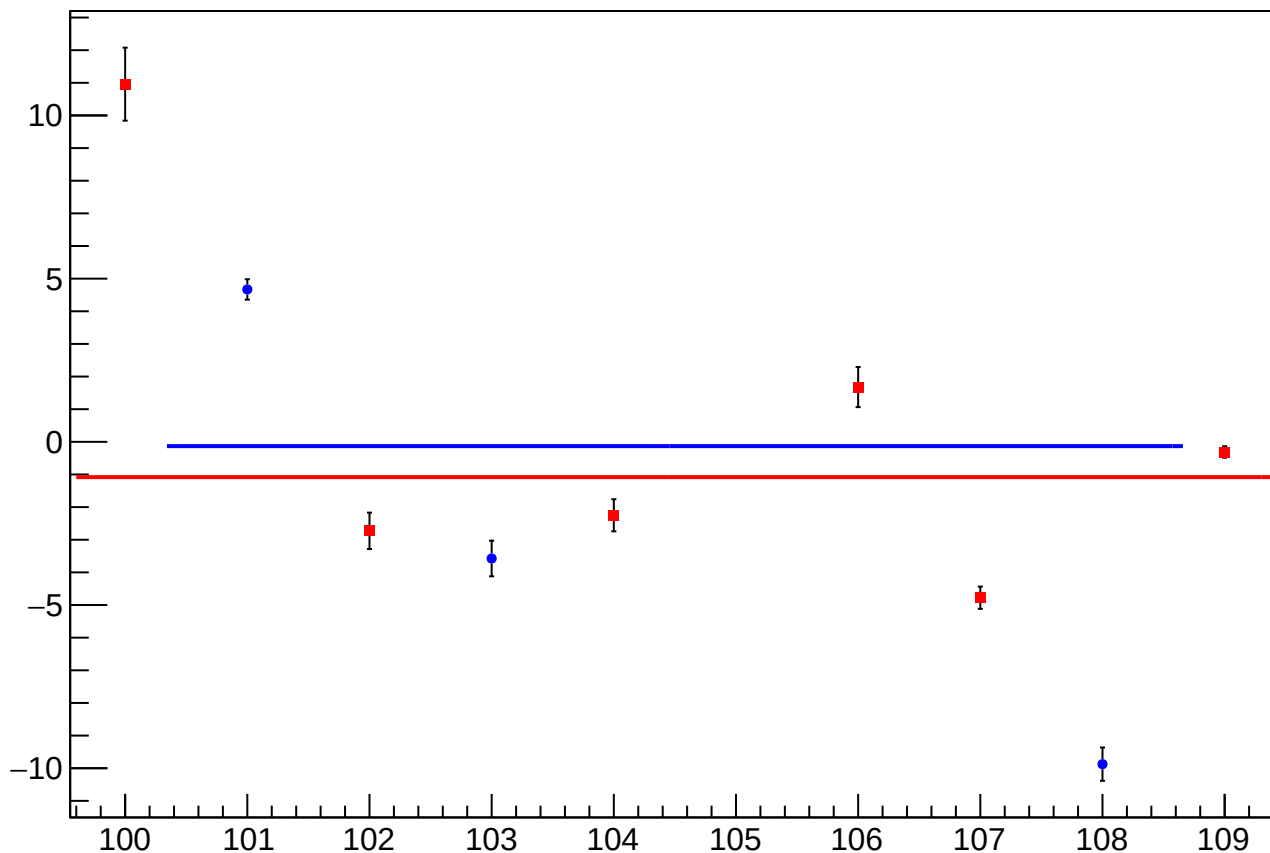
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.939+/-0.093 χ^2/NDF : 51330.9/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -0.132 ± 0.240 χ^2/NDF : 640.0/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.081 ± 0.139 χ^2/NDF : 287.4/5

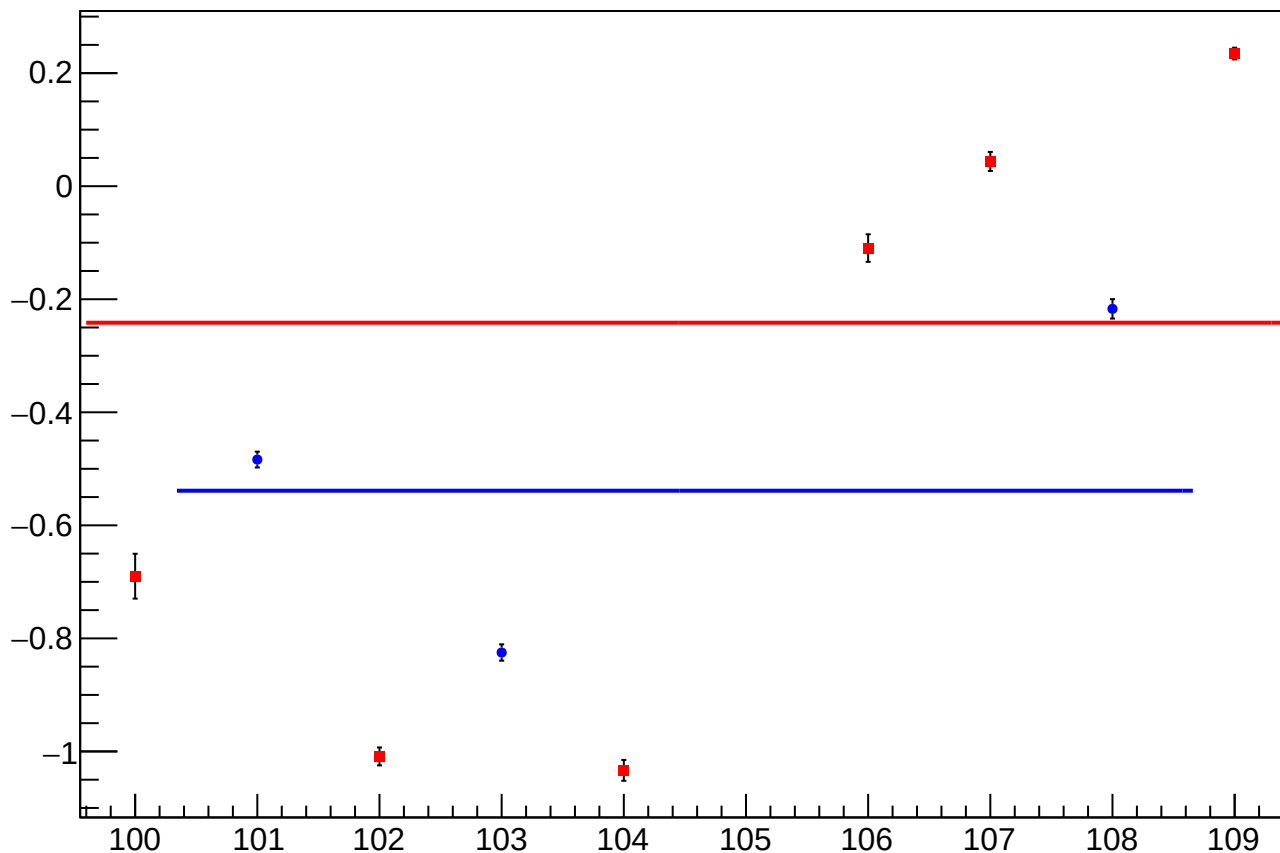
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.843 ± 0.120 χ^2/NDF : 939.2/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: -0.539+/-0.009 χ^2/NDF : 759.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.242+/-0.007 χ^2/NDF : 6712.8/5

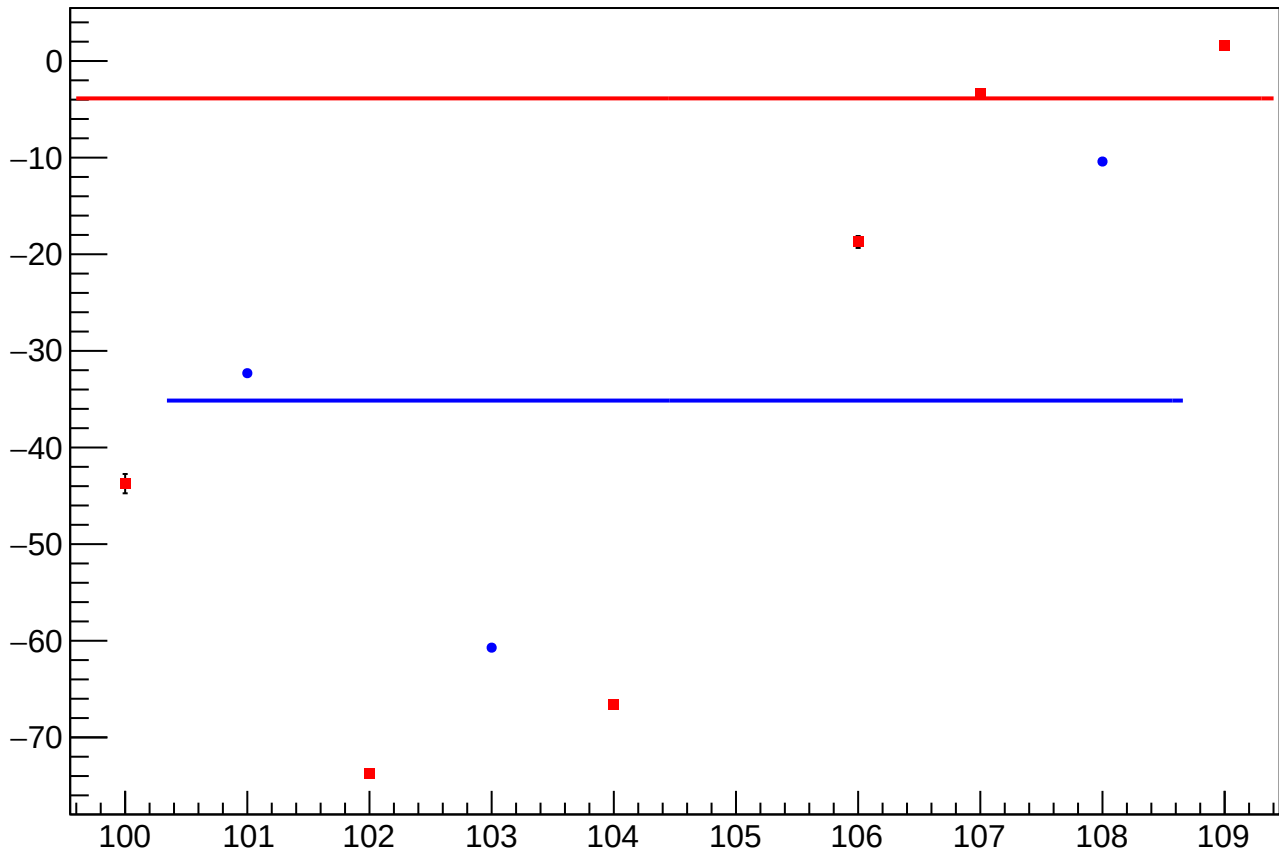
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.353+/-0.005 χ^2/NDF : 8203.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -35.142 ± 0.224 $\chi^2/\text{NDF}: 5929.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.870 ± 0.085 $\chi^2/\text{NDF}: 44661.7/5$

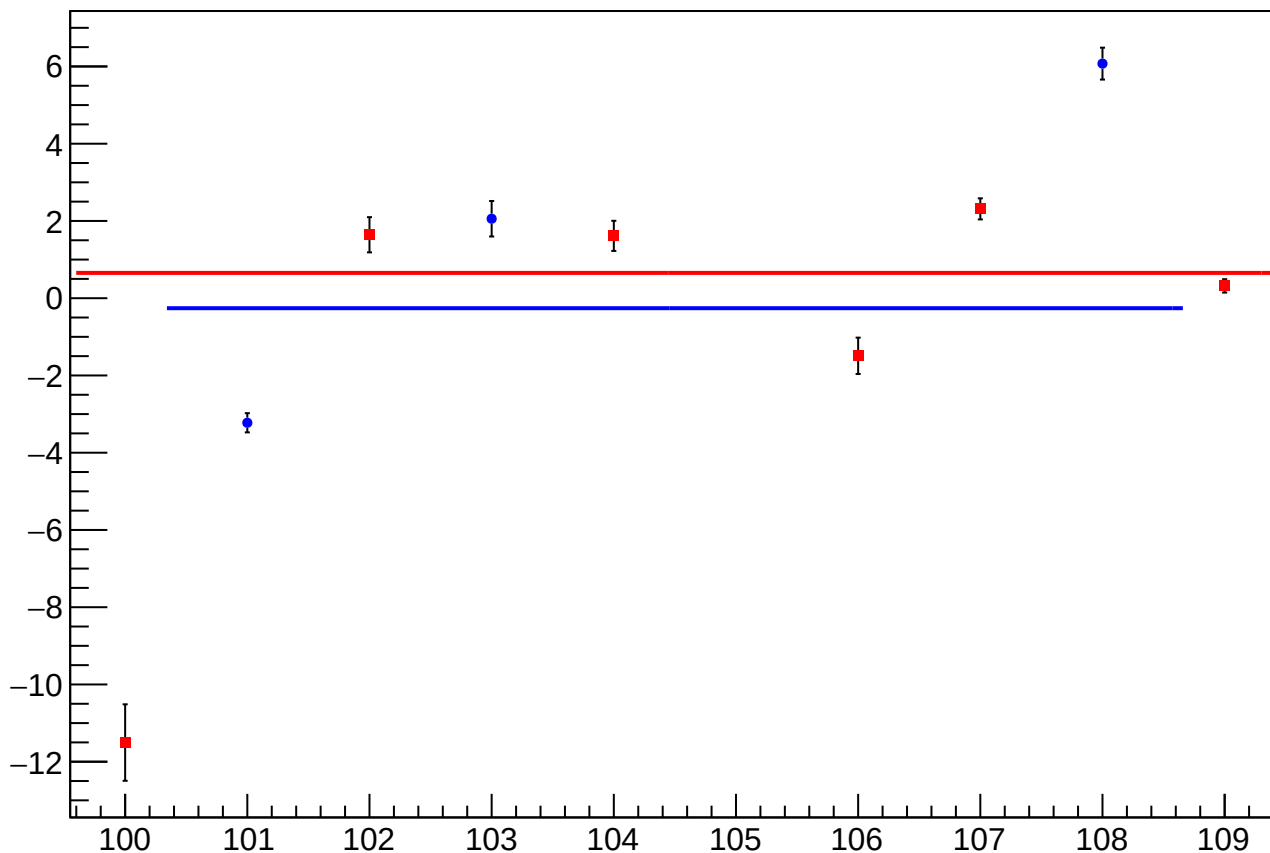
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.840 ± 0.080 $\chi^2/\text{NDF}: 67628.3/8$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: -0.259 $\pm$ 0.193 χ^2 /NDF: 403.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.656 $\pm$ 0.126 χ^2 /NDF: 222.9/5

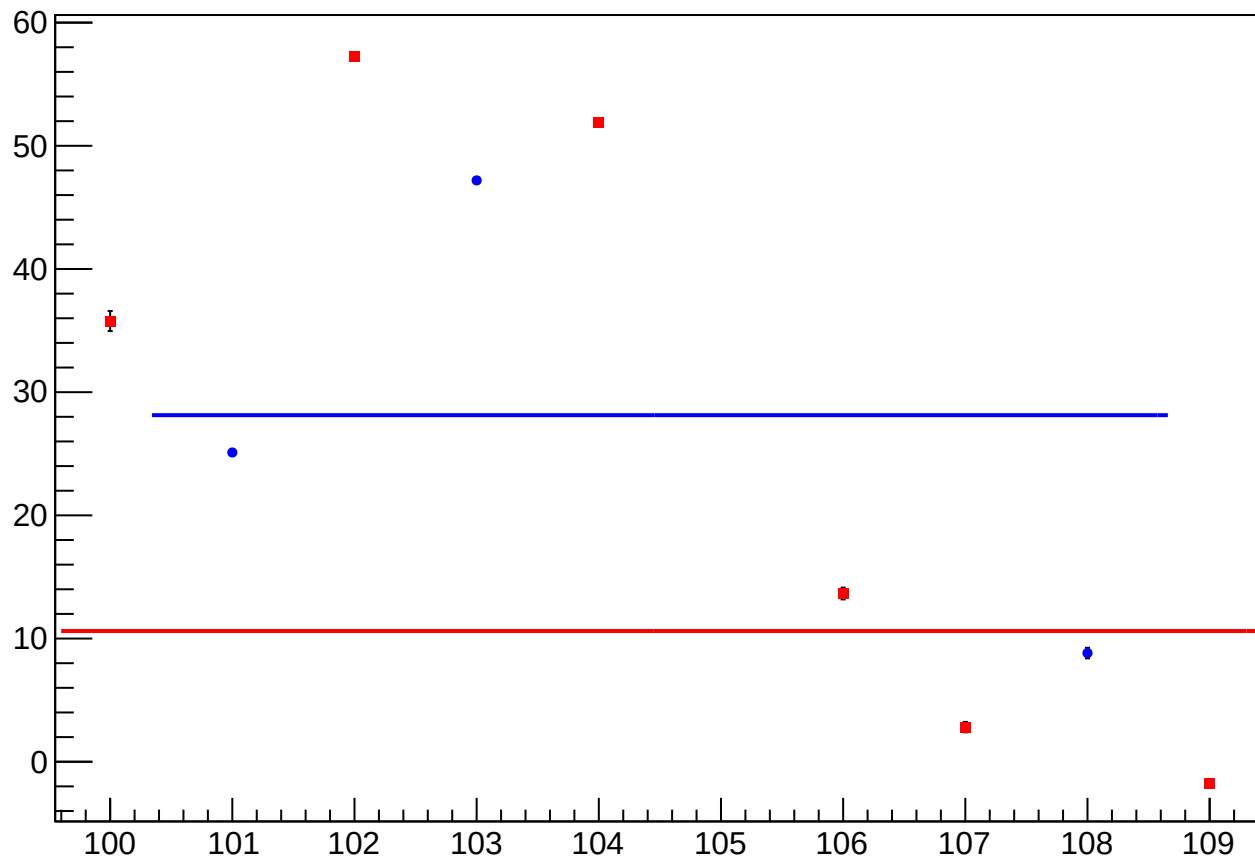
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.384 $\pm$ 0.105 χ^2 /NDF: 642.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 28.134 $\pm$ 0.179 χ^2 /NDF: 5220.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.613 $\pm$ 0.114 χ^2 /NDF: 36960.8/5

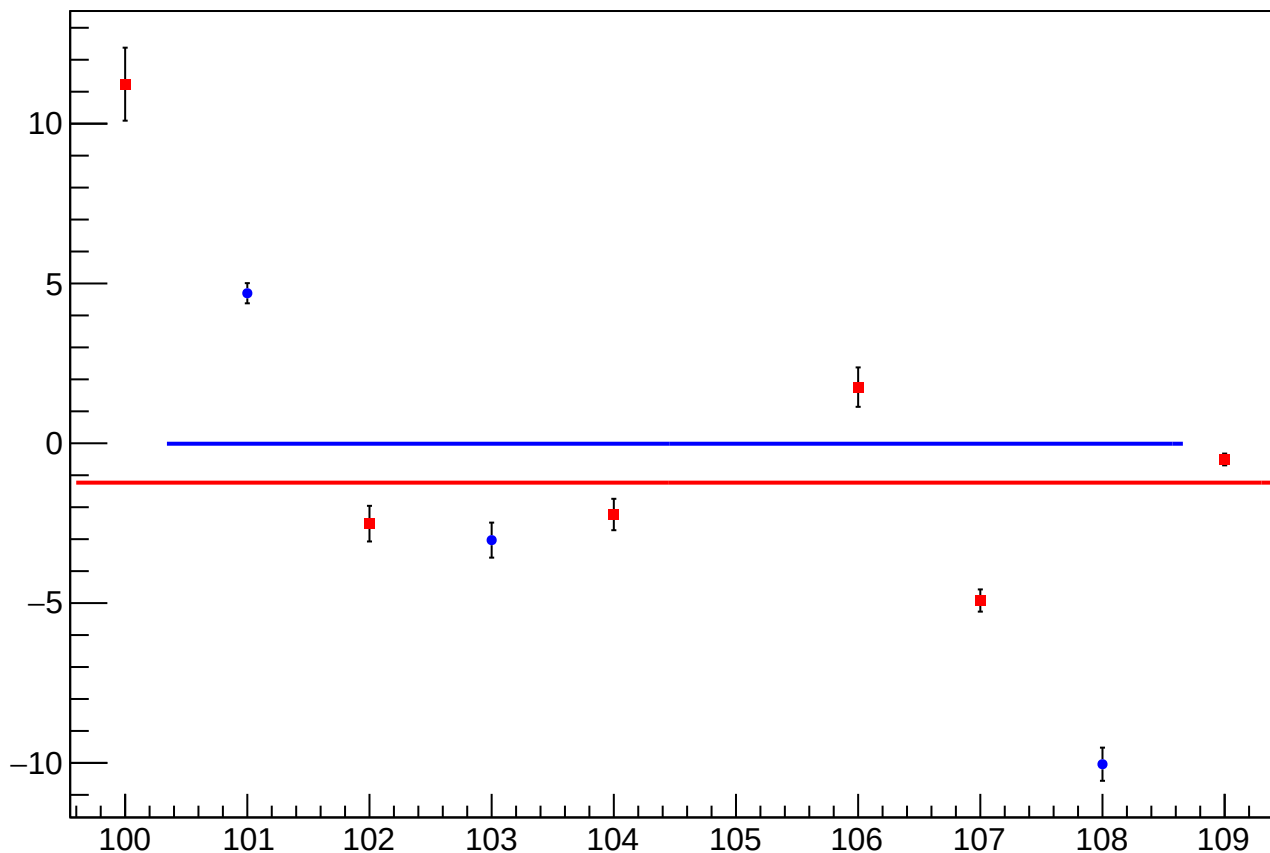
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.681 $\pm$ 0.096 χ^2 /NDF: 49026.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -0.014 ± 0.242 χ^2/NDF : 626.7/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.231 ± 0.144 χ^2/NDF : 280.3/5

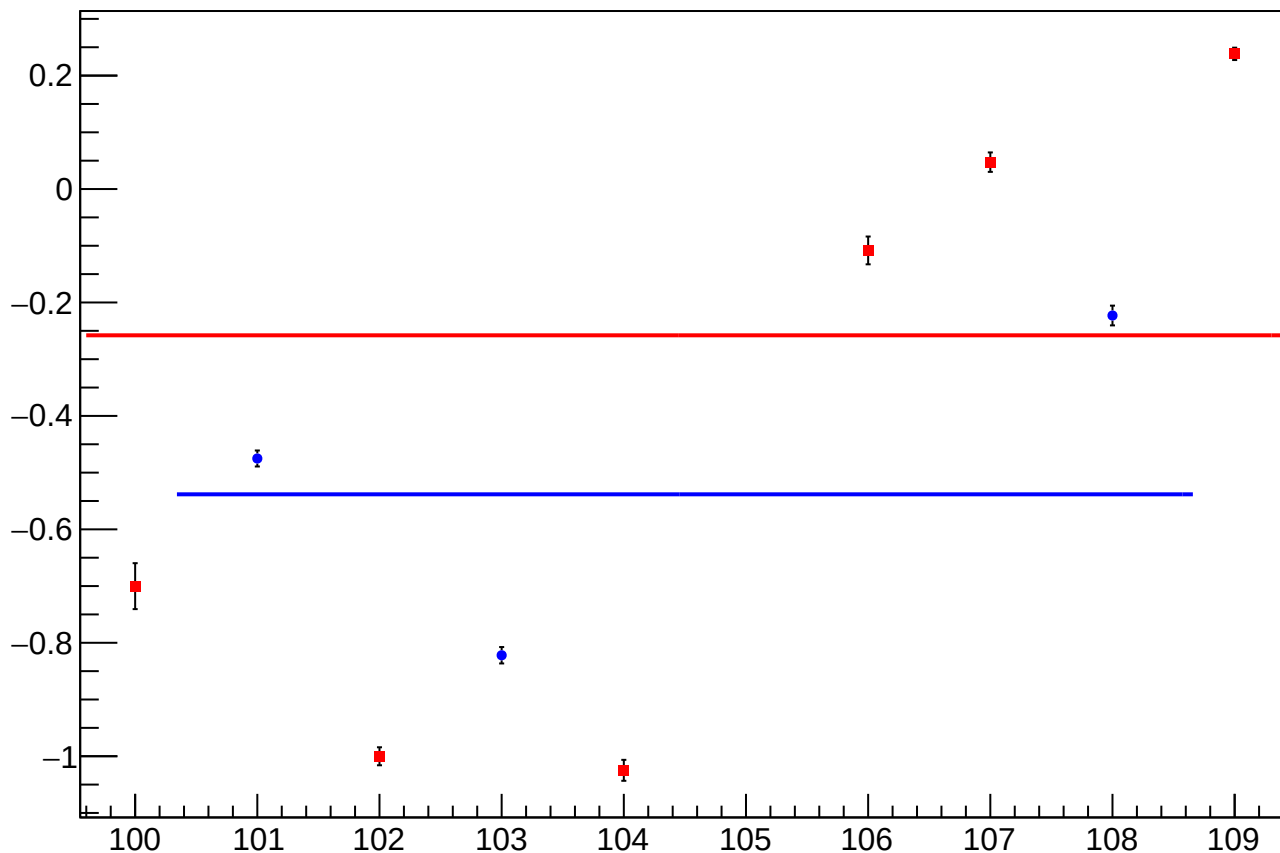
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.914 ± 0.123 χ^2/NDF : 925.7/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: -0.538 $\pm$ 0.009 χ^2 /NDF: 732.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.258 $\pm$ 0.007 χ^2 /NDF: 6456.3/5

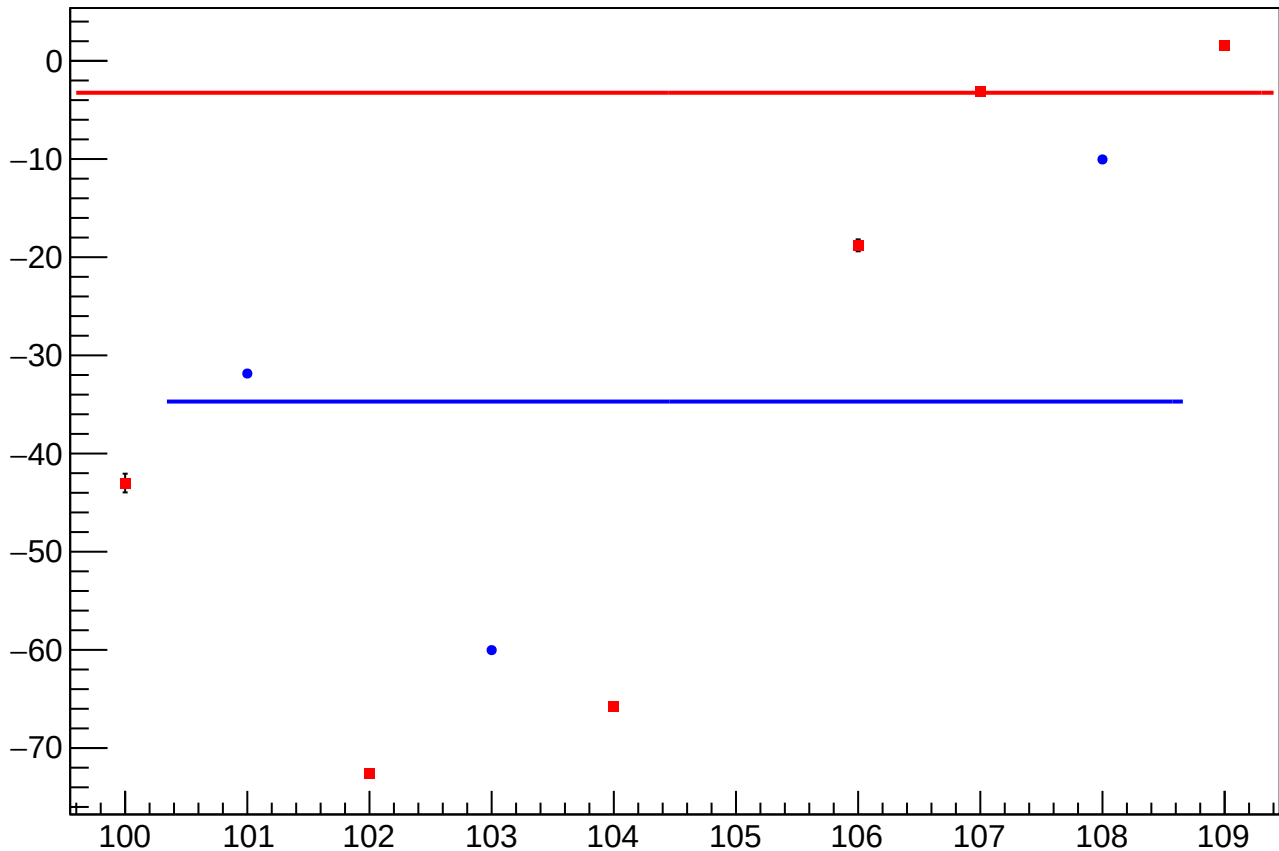
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.366 $\pm$ 0.005 χ^2 /NDF: 7822.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -34.704 ± 0.218 χ^2/NDF : 6086.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.250 ± 0.079 χ^2/NDF : 46108.9/5

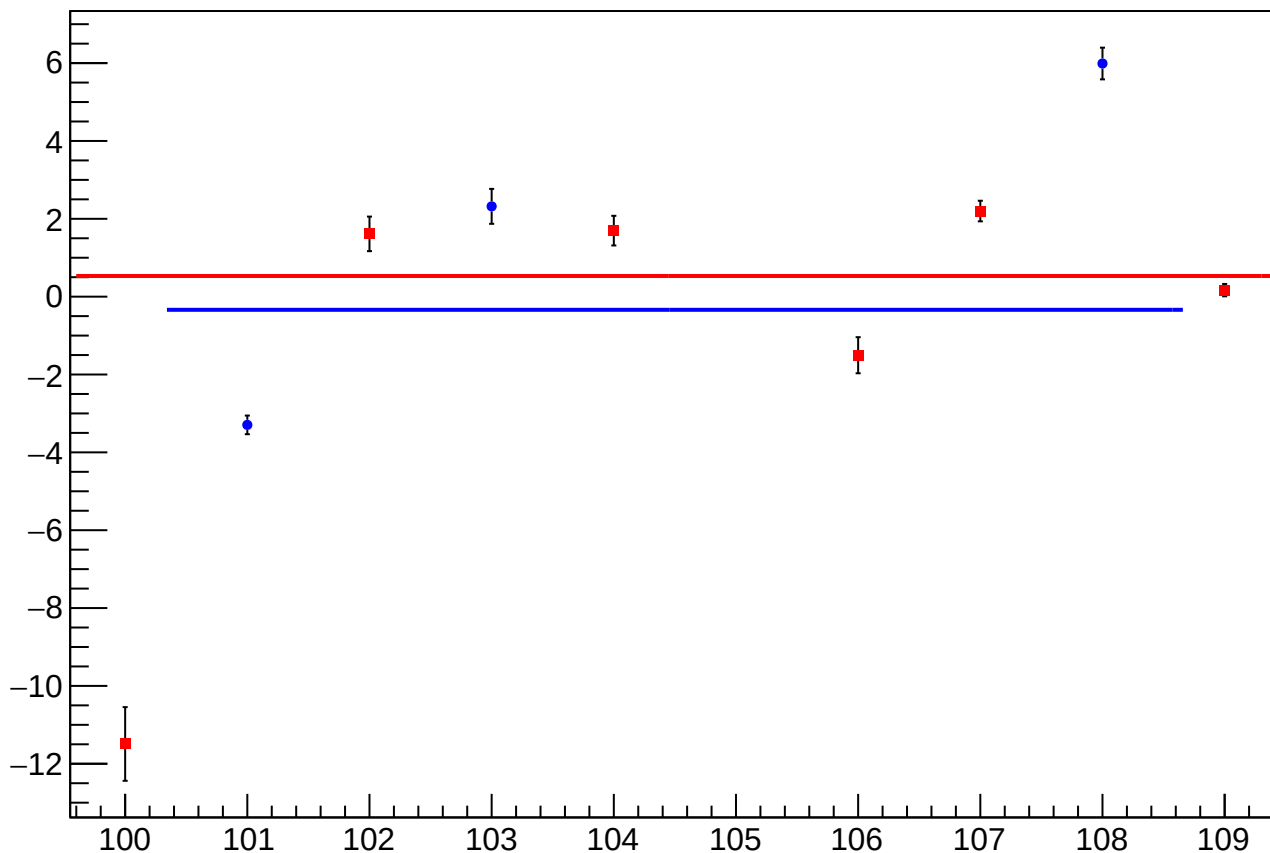
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.880 ± 0.074 χ^2/NDF : 70650.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.338+/-0.188 χ^2 /NDF: 428.6/2

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.531+/-0.118 χ^2 /NDF: 240.9/5

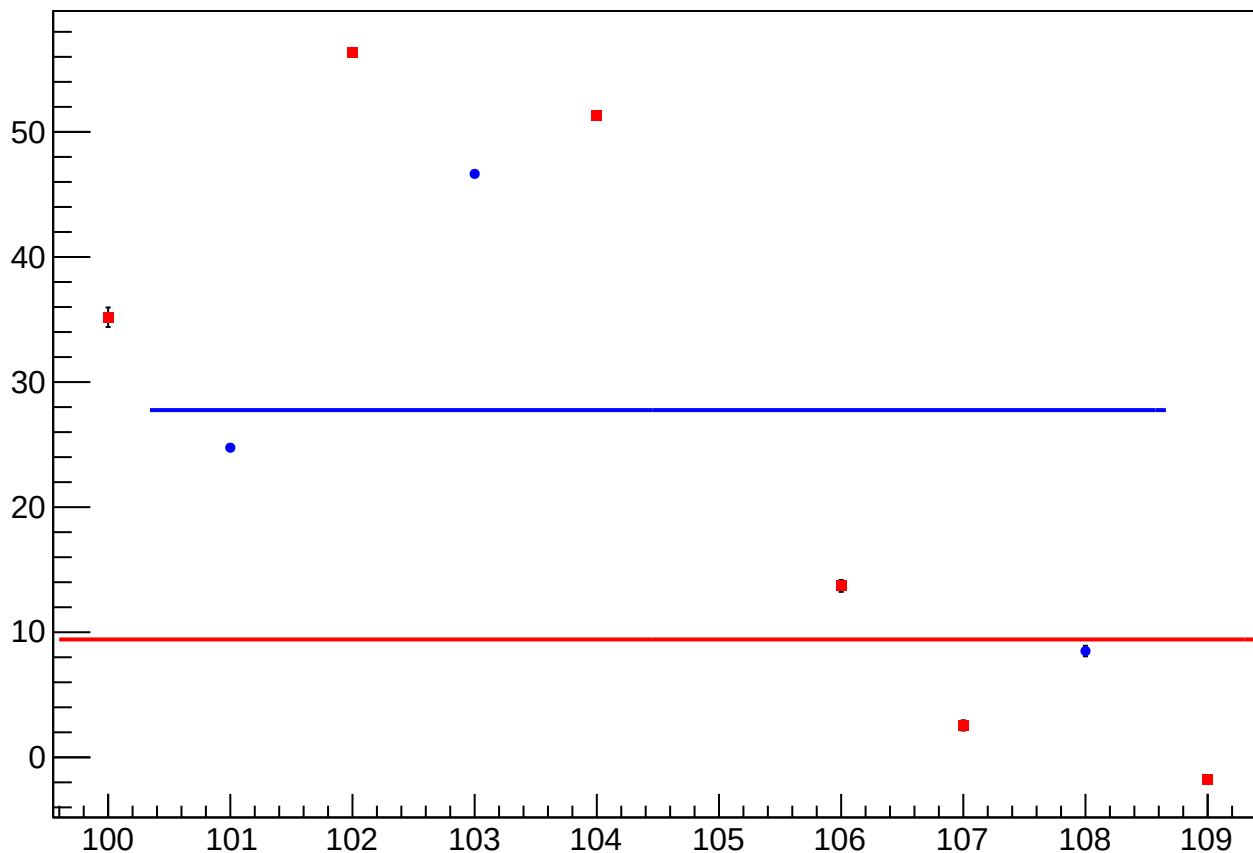
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.285+/-0.100 χ^2 /NDF: 684.8/8

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 27.760 $\pm$ 0.174 χ^2 /NDF: 5366.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.424 $\pm$ 0.106 χ^2 /NDF: 38852.1/5

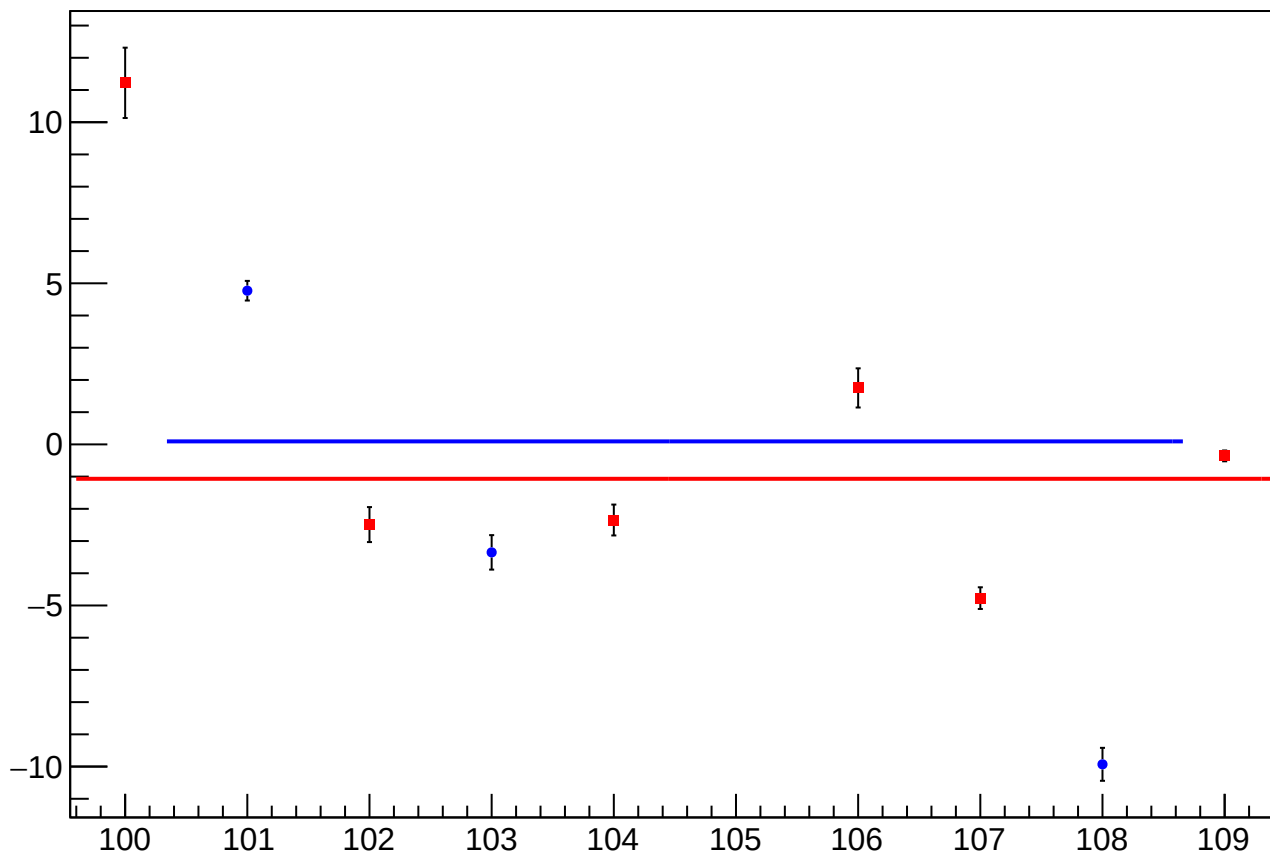
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.429 $\pm$ 0.091 χ^2 /NDF: 52329.7/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.093 $\pm$ 0.235 χ^2 /NDF: 661.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.068 $\pm$ 0.134 χ^2 /NDF: 301.1/5

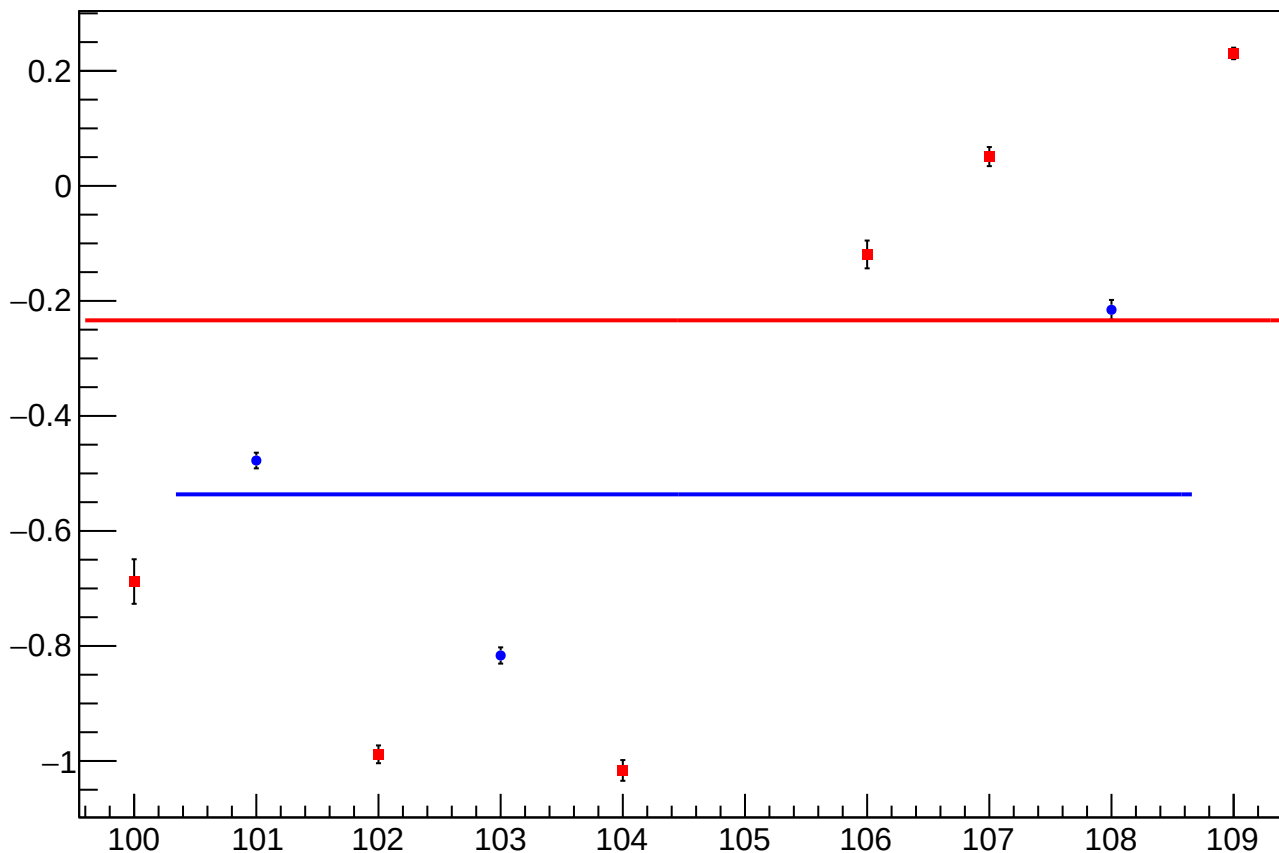
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.782 $\pm$ 0.117 χ^2 /NDF: 980.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.536 $\pm$ 0.009 χ^2 /NDF: 761.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.234 $\pm$ 0.007 χ^2 /NDF: 6864.4/5

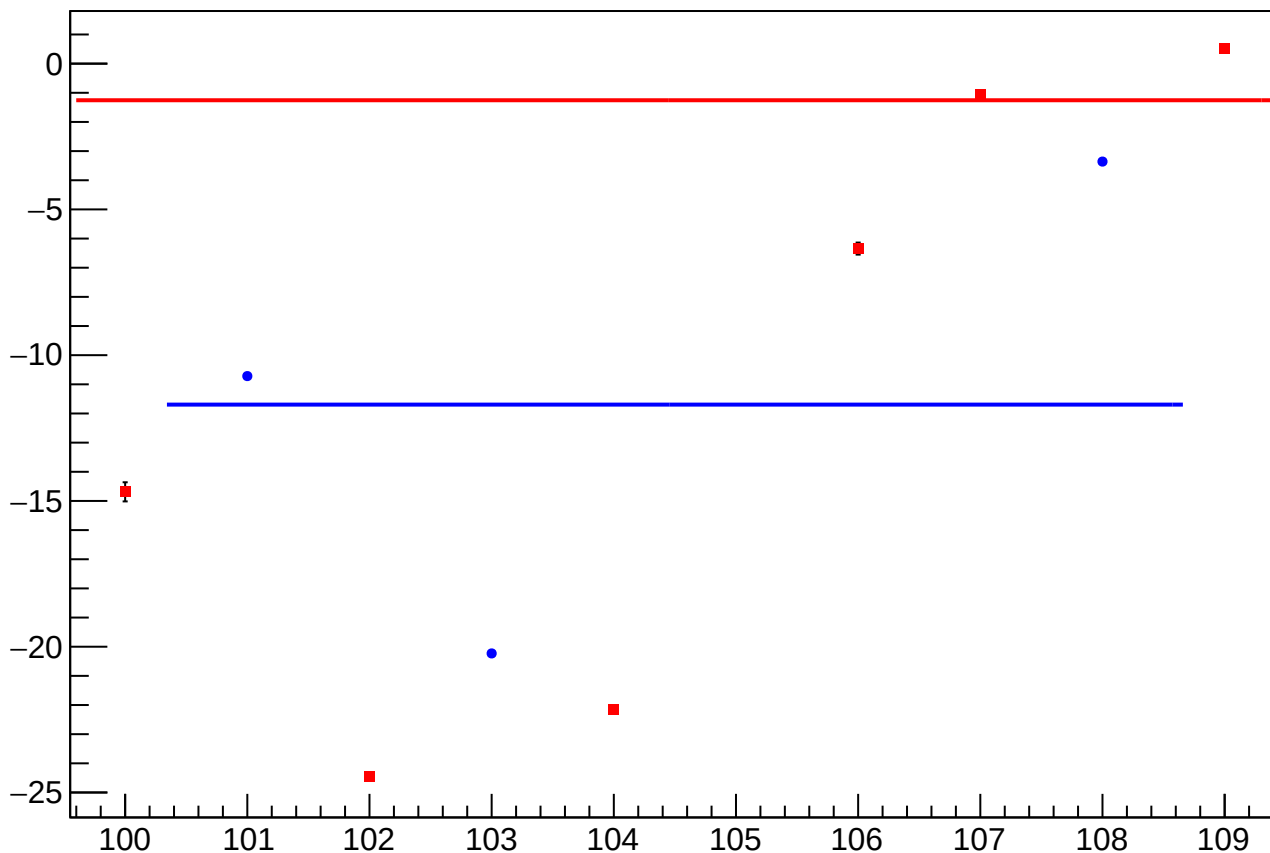
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.346 $\pm$ 0.005 χ^2 /NDF: 8417.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -11.696 $\pm$ 0.074 χ^2 /NDF: 6040.3/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1.256 $\pm$ 0.028 χ^2 /NDF: 45316.9/5

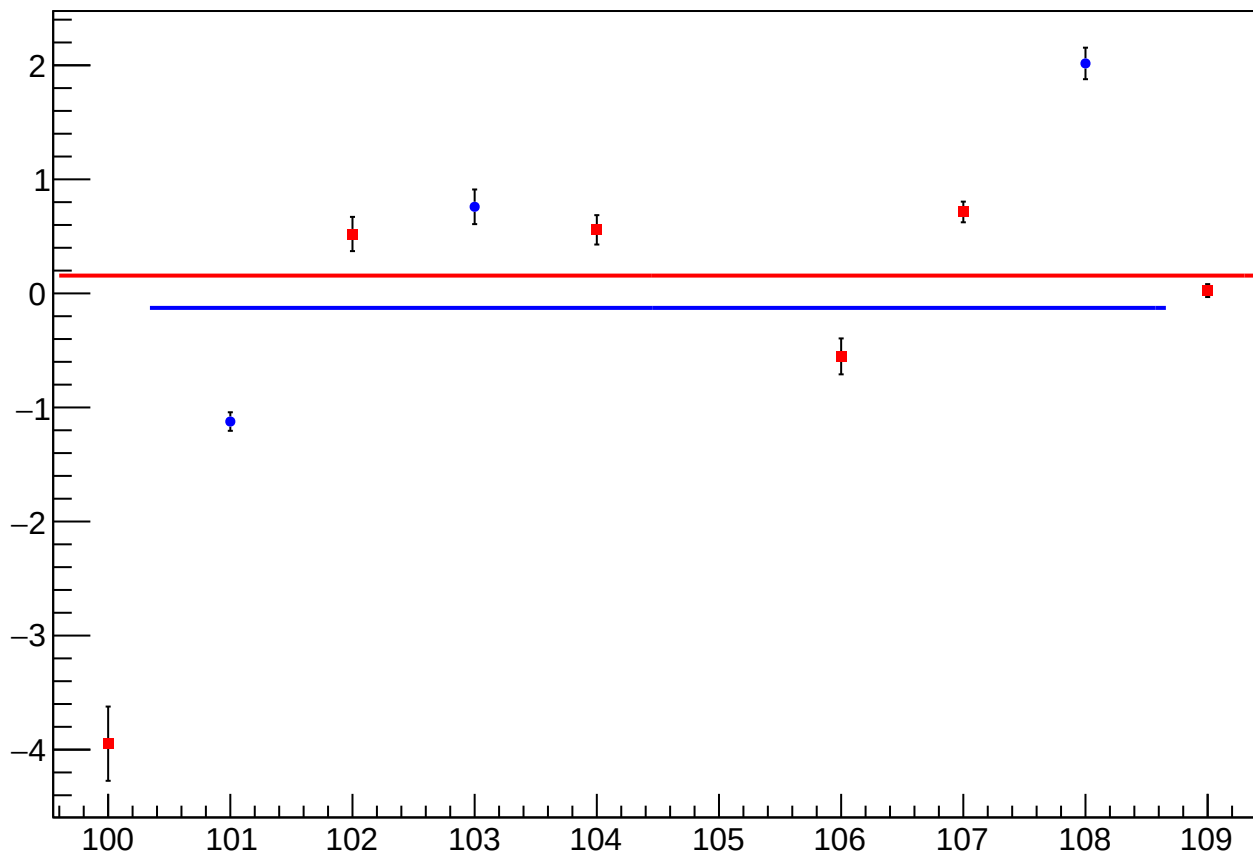
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.558 $\pm$ 0.026 χ^2 /NDF: 68868.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.127+/-0.064 χ^2/NDF : 424.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.156+/-0.041 χ^2/NDF : 238.2/5

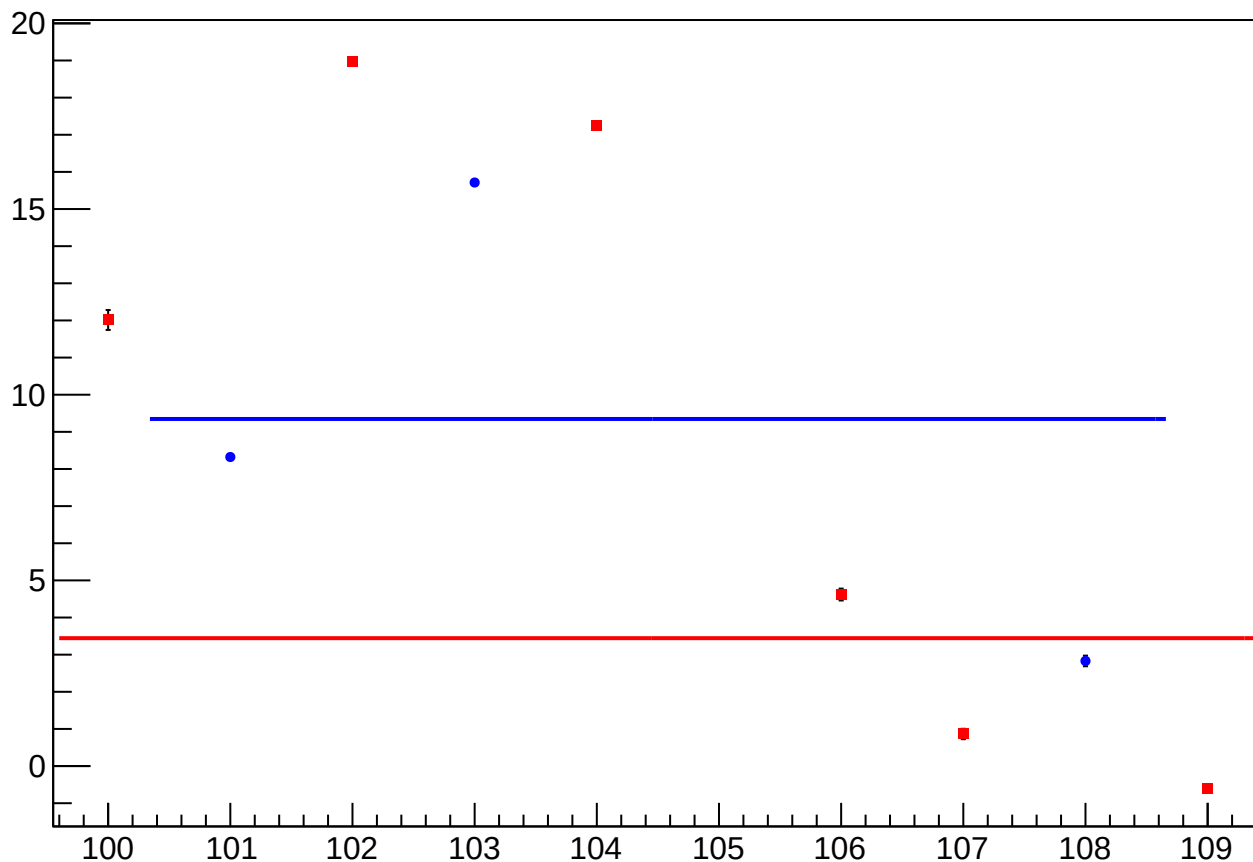
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.072+/-0.035 χ^2/NDF : 677.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 9.347 $\pm$ 0.059 χ^2 /NDF: 5330.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.444 $\pm$ 0.037 χ^2 /NDF: 37708.6/5

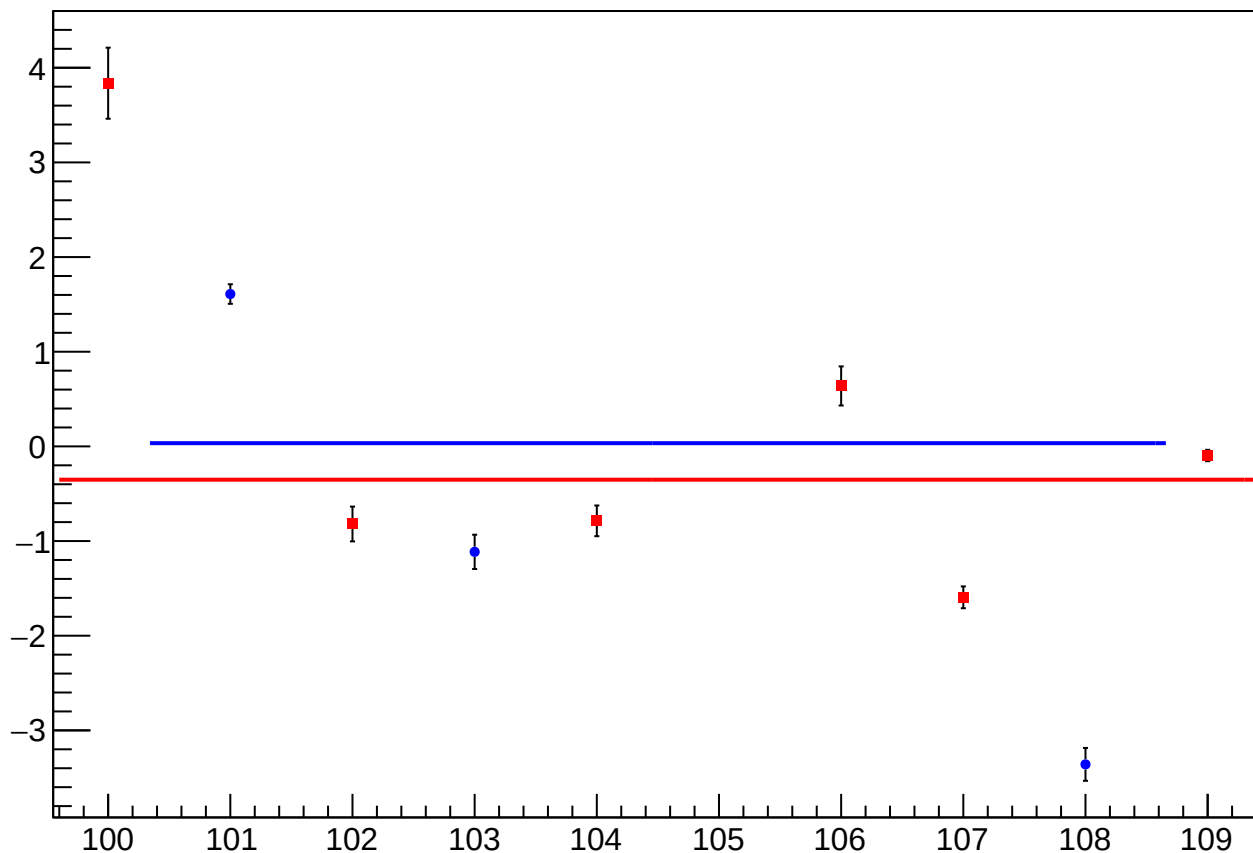
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.137 $\pm$ 0.032 χ^2 /NDF: 50218.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.034 $\pm$ 0.080 χ^2 /NDF: 654.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.352 $\pm$ 0.047 χ^2 /NDF: 295.7/5

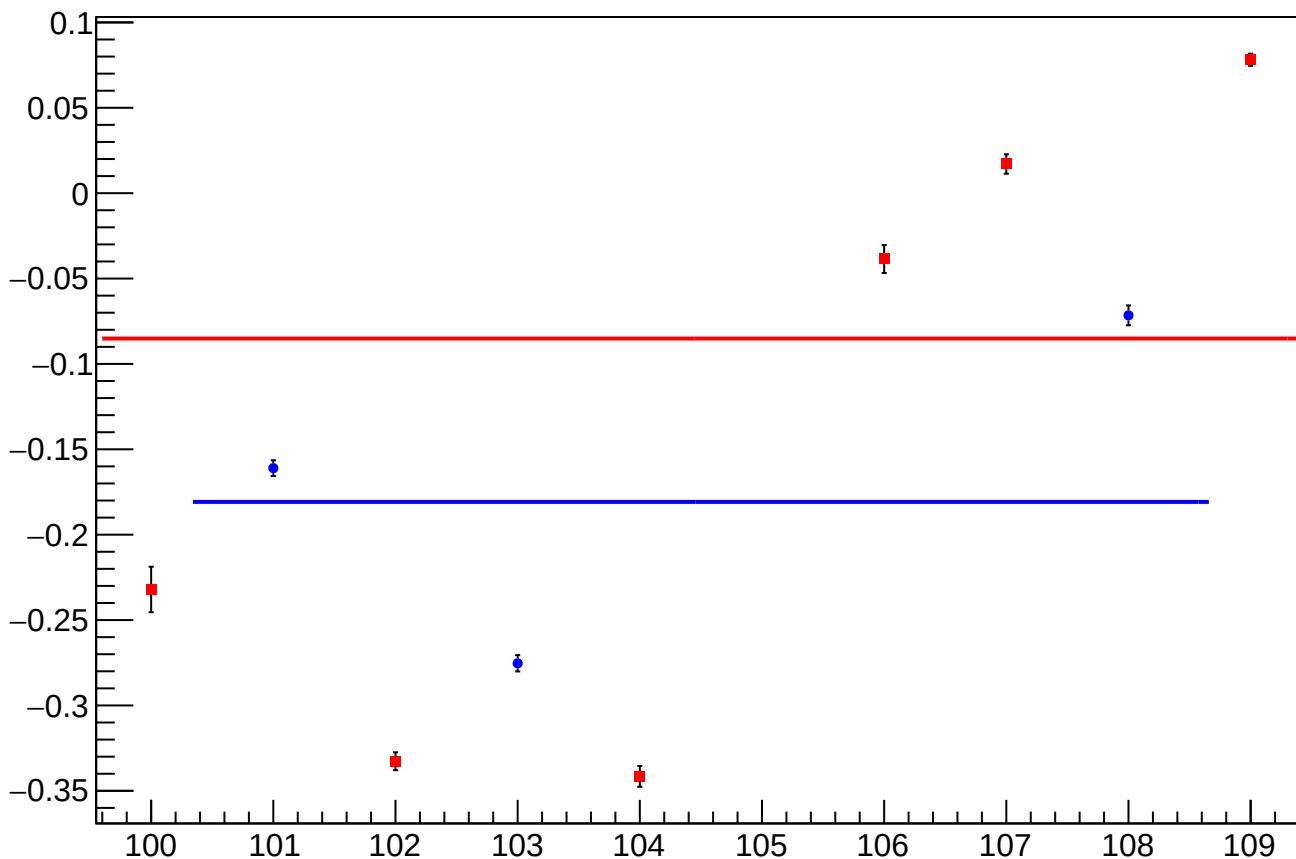
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.252 $\pm$ 0.041 χ^2 /NDF: 967.9/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.181 ± 0.003 χ^2/NDF : 760.2/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.085 ± 0.002 χ^2/NDF : 6589.0/5

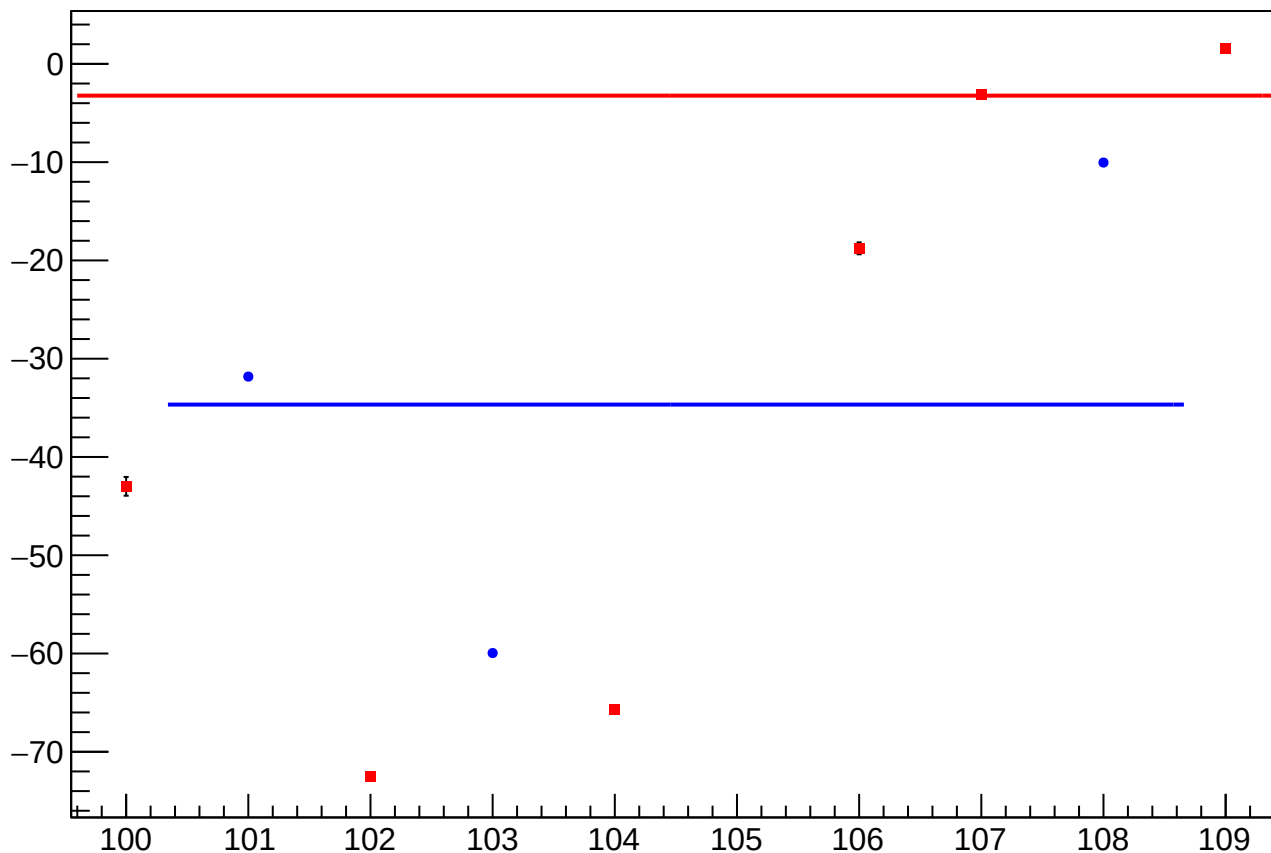
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.122 ± 0.002 χ^2/NDF : 8027.4/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -34.669 ± 0.218 χ^2/NDF : 6082.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.233 ± 0.078 χ^2/NDF : 46124.2/5

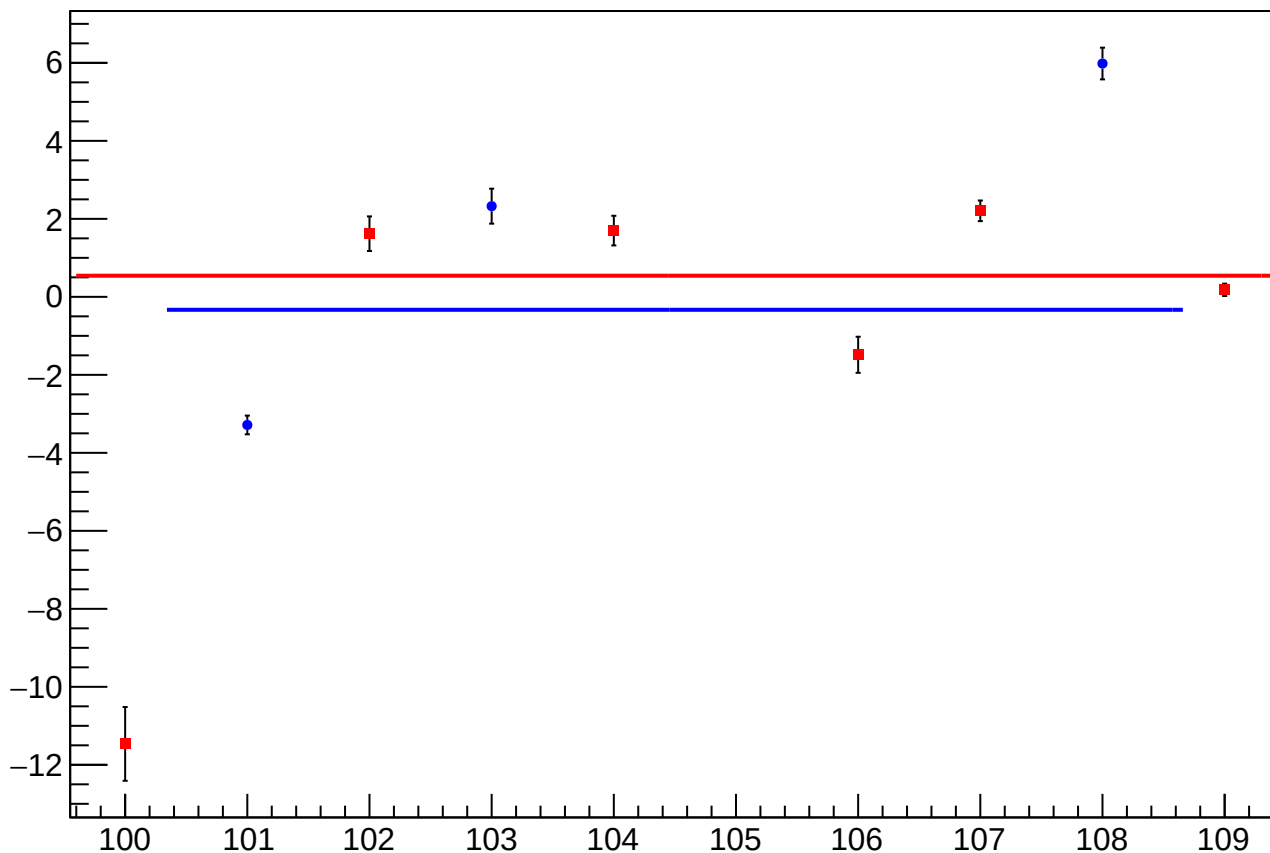
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.853 ± 0.074 χ^2/NDF : 70683.1/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.332 $\pm$ 0.188 χ^2 /NDF: 428.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.542 $\pm$ 0.118 χ^2 /NDF: 240.3/5

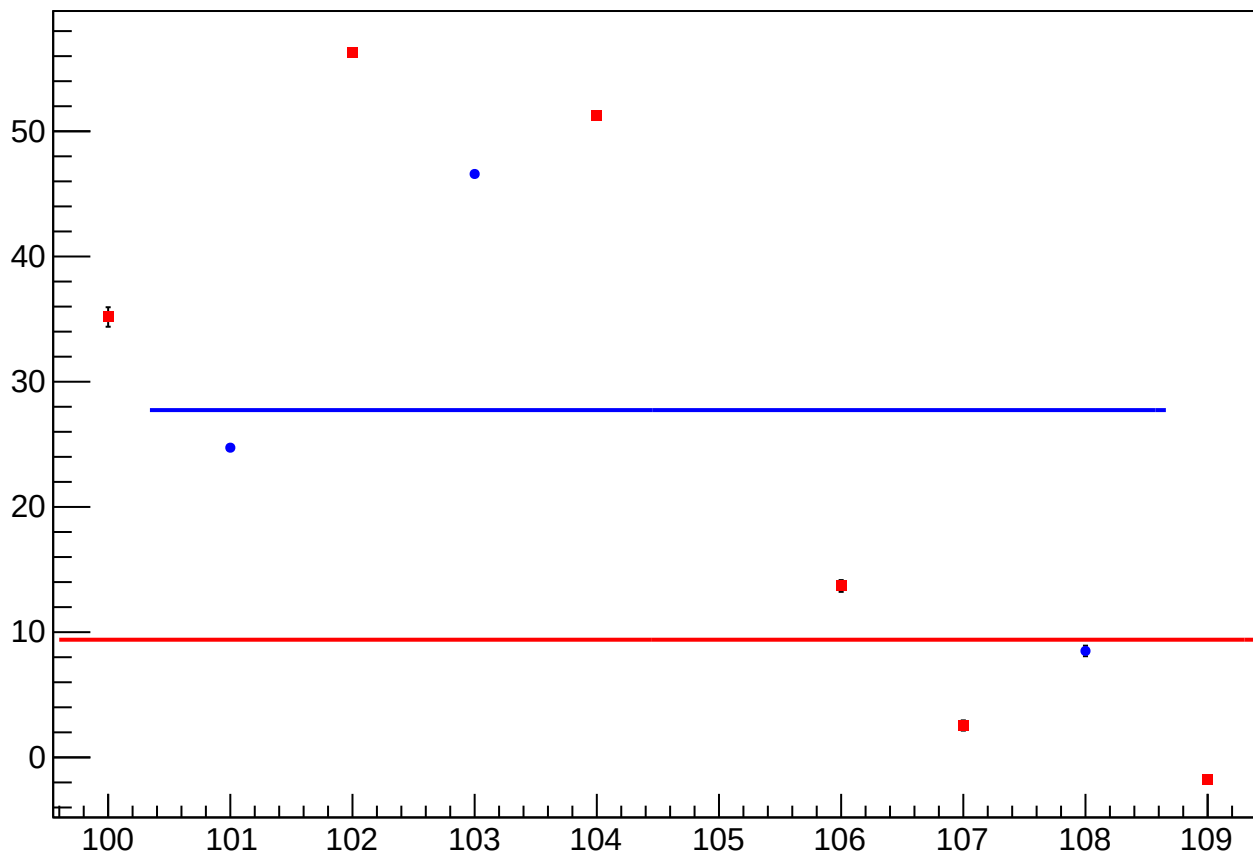
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.295 $\pm$ 0.100 χ^2 /NDF: 684.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 27.734 $\pm$ 0.173 χ^2 /NDF: 5361.9/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.398 $\pm$ 0.106 χ^2 /NDF: 38873.0/5

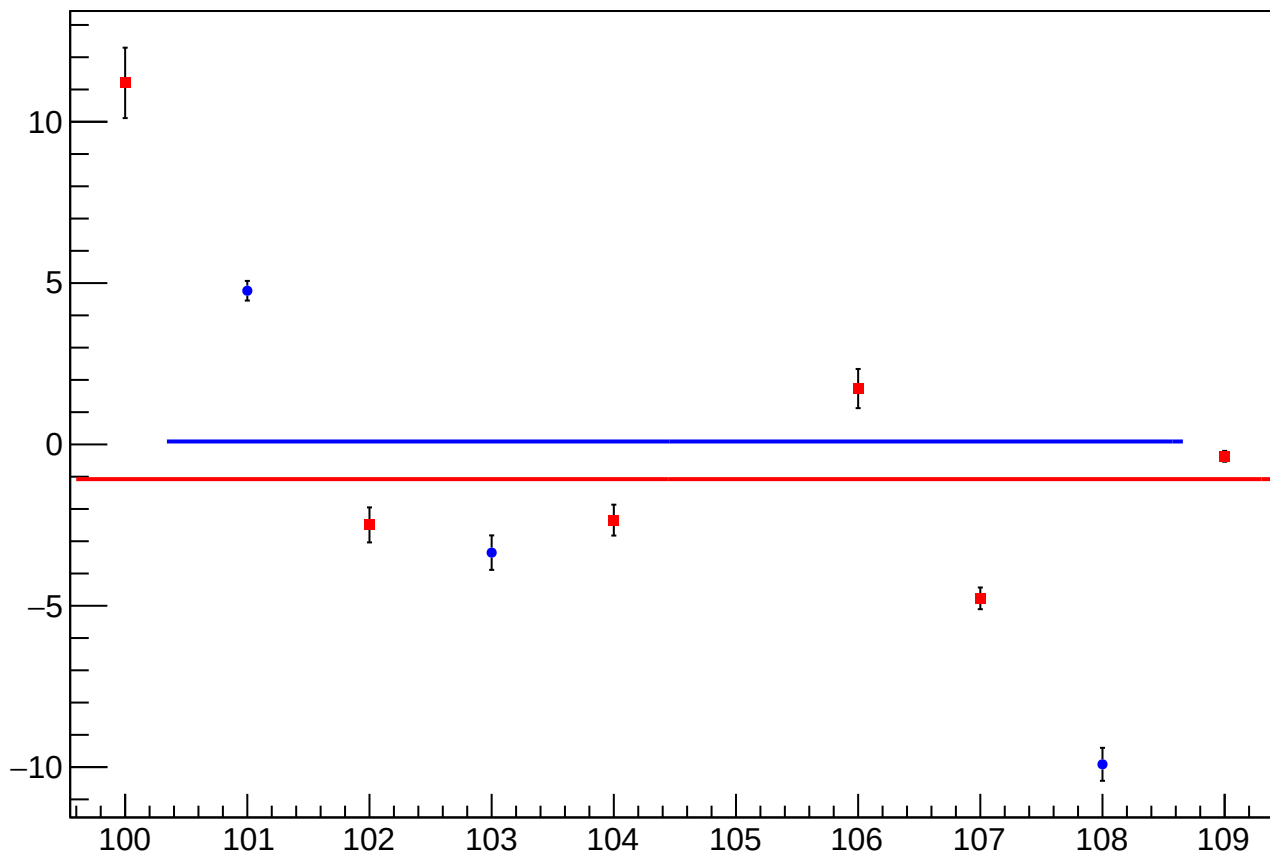
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.395 $\pm$ 0.091 χ^2 /NDF: 52368.5/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.091+/-0.235 χ^2/NDF : 660.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.076+/-0.134 χ^2/NDF : 300.5/5

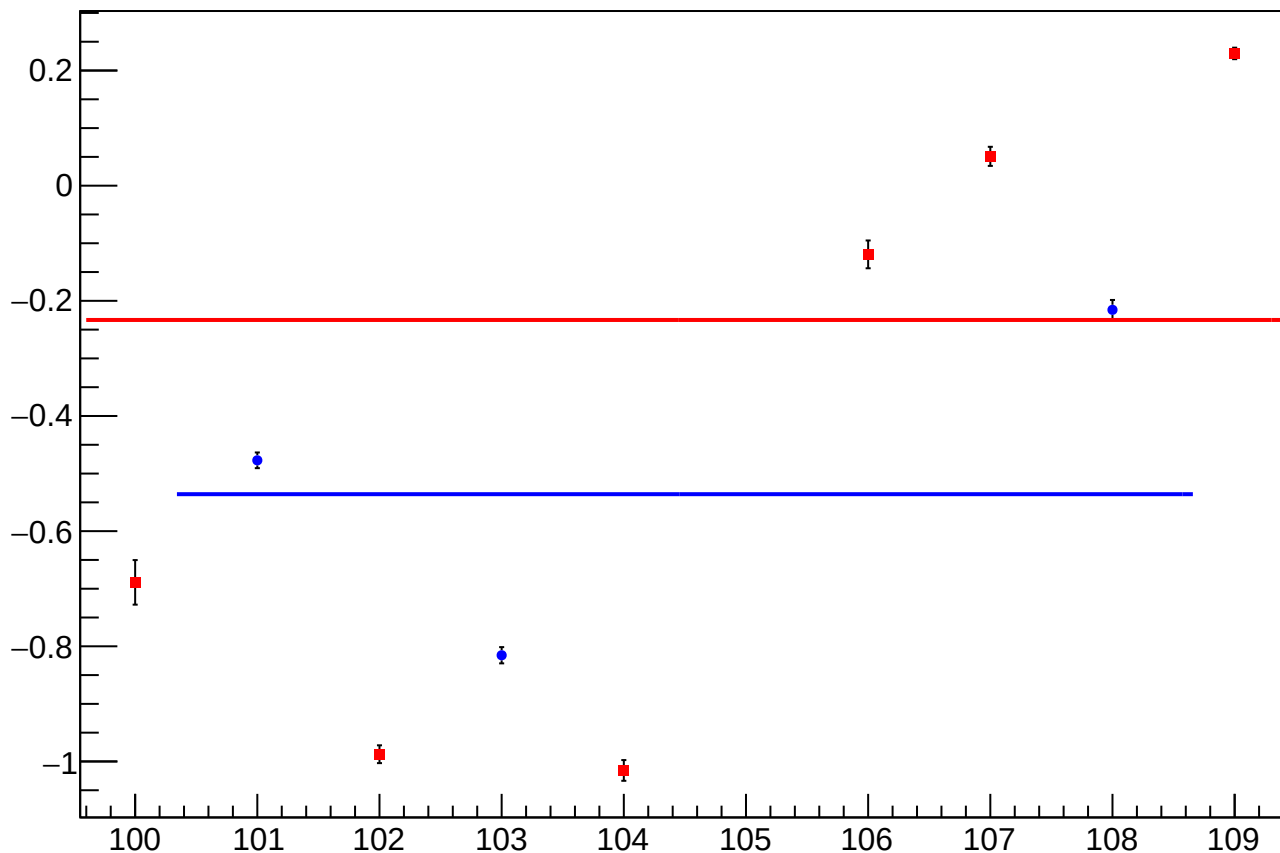
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.789+/-0.116 χ^2/NDF : 979.7/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.536 ± 0.009 χ^2/NDF : 759.8/2

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.233 ± 0.007 χ^2/NDF : 6869.1/5

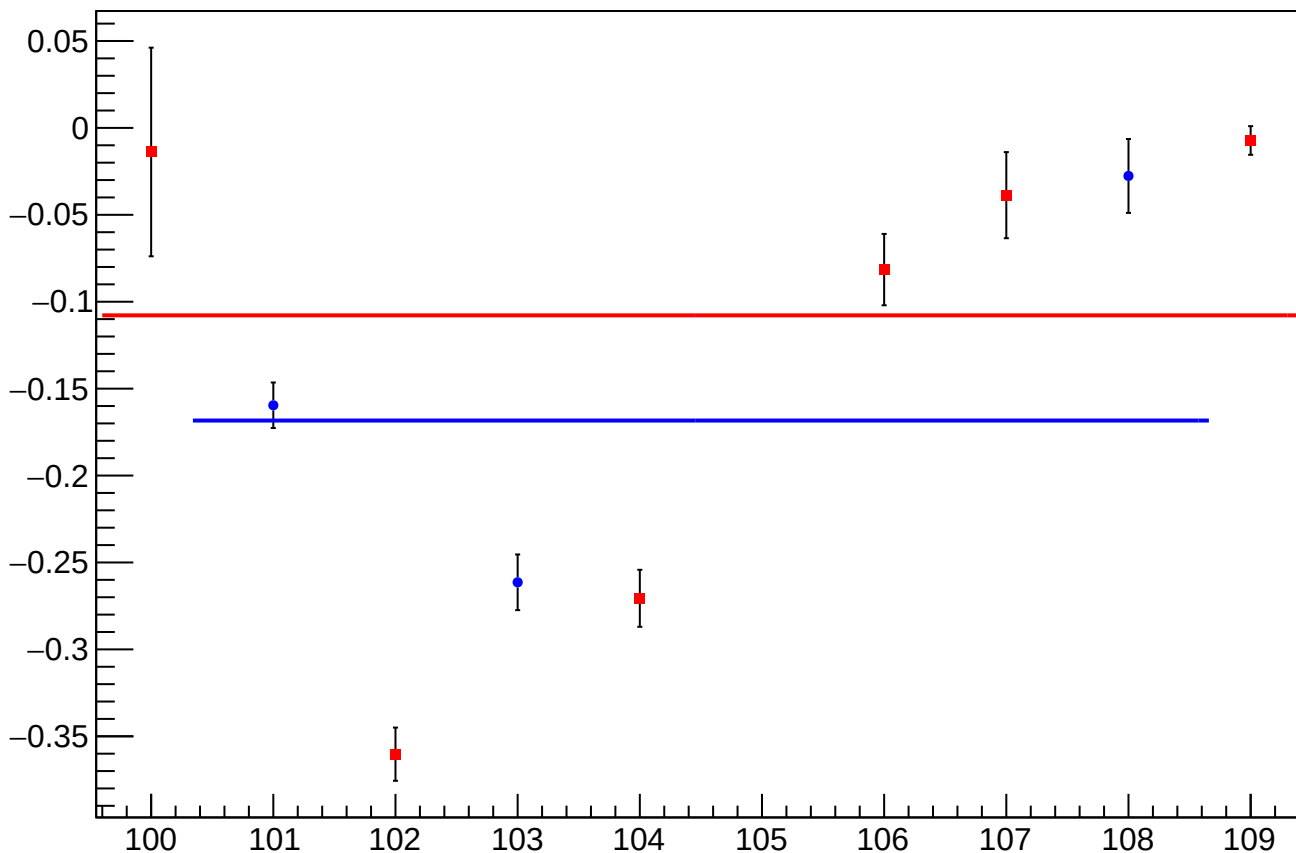
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.346 ± 0.005 χ^2/NDF : 8422.9/8

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.168+/-0.009 χ^2/NDF : 78.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.108+/-0.006 χ^2/NDF : 531.2/5

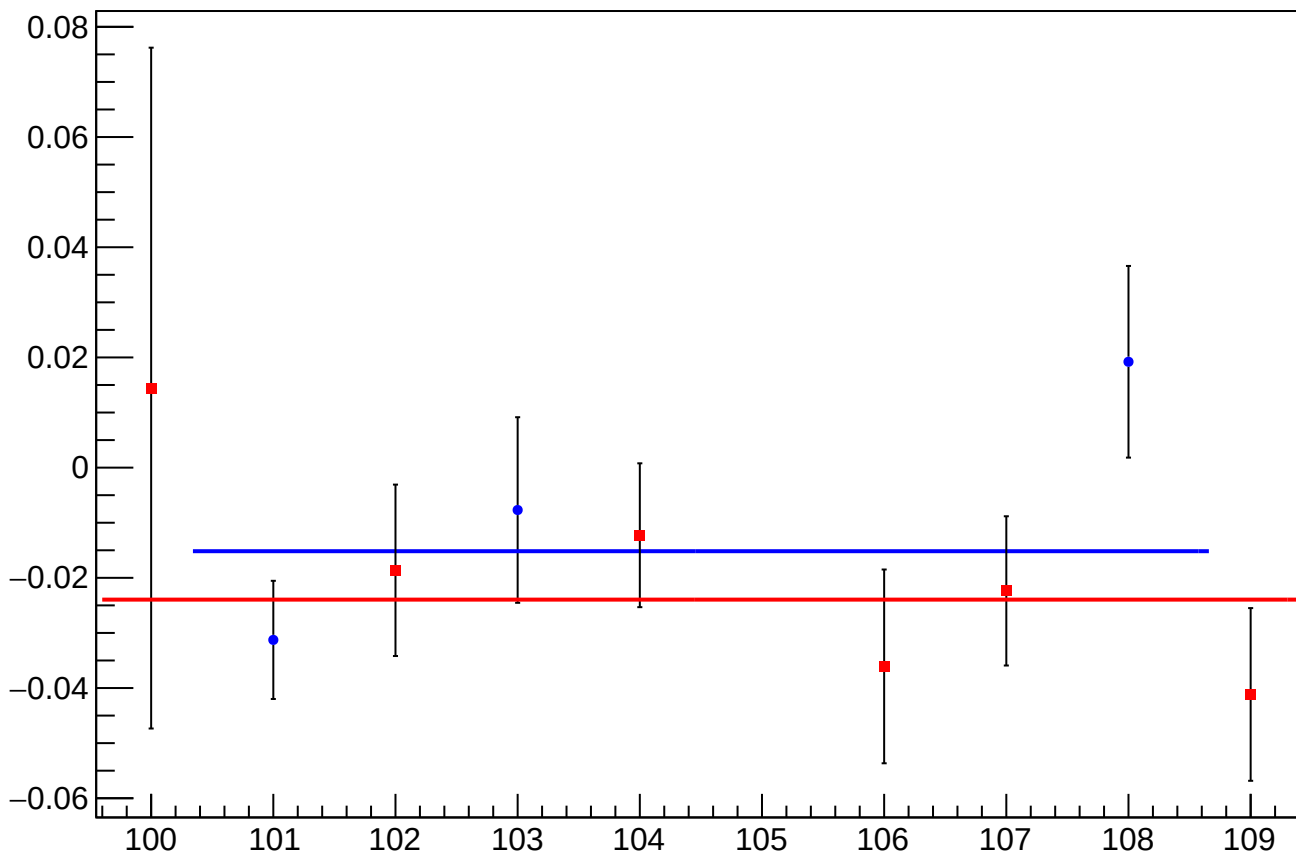
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.126+/-0.005 χ^2/NDF : 639.5/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.015 $\pm$ 0.008 χ^2 /NDF: 6.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.007 χ^2 /NDF: 3.0/5

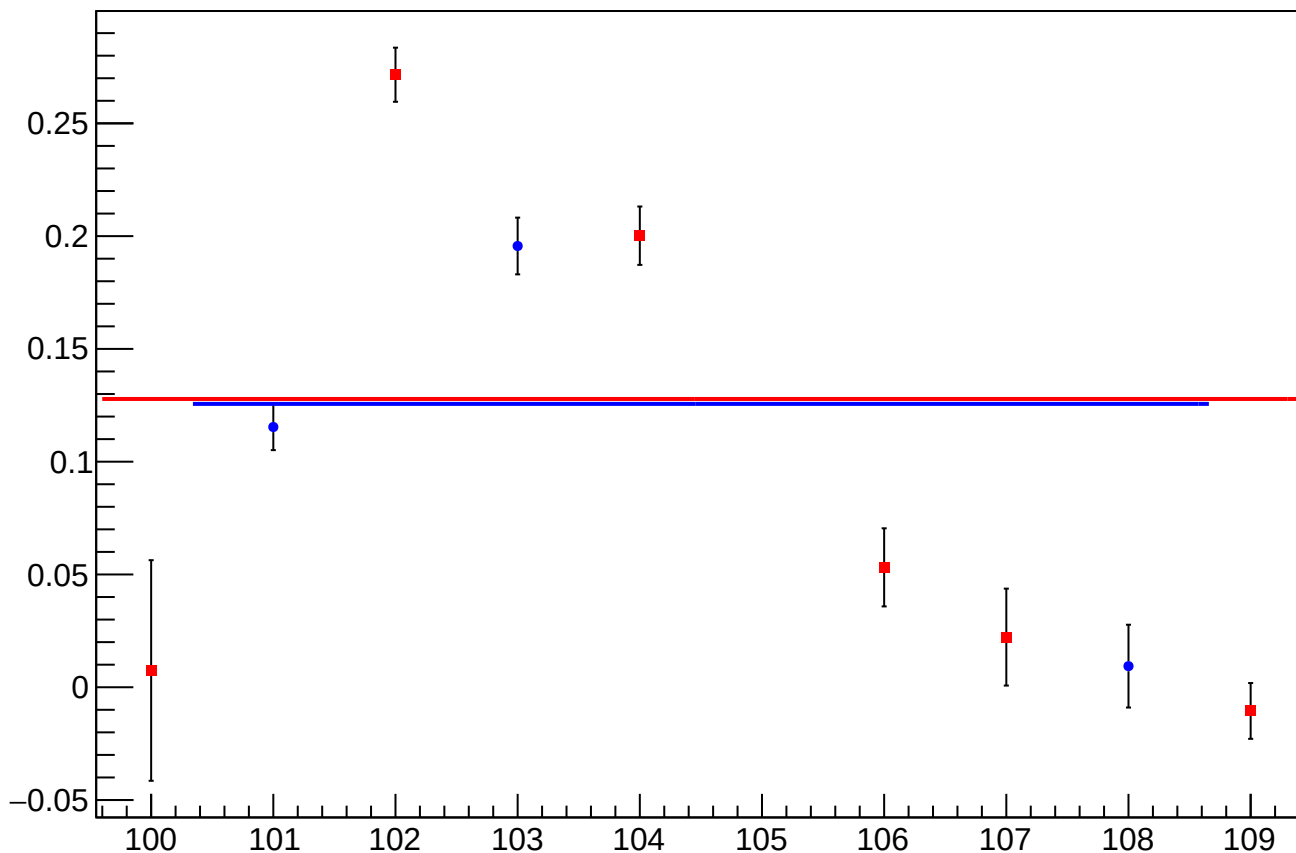
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.020 $\pm$ 0.005 χ^2 /NDF: 10.1/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.126+/-0.007 χ^2/NDF : 72.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.128+/-0.006 χ^2/NDF : 348.7/5

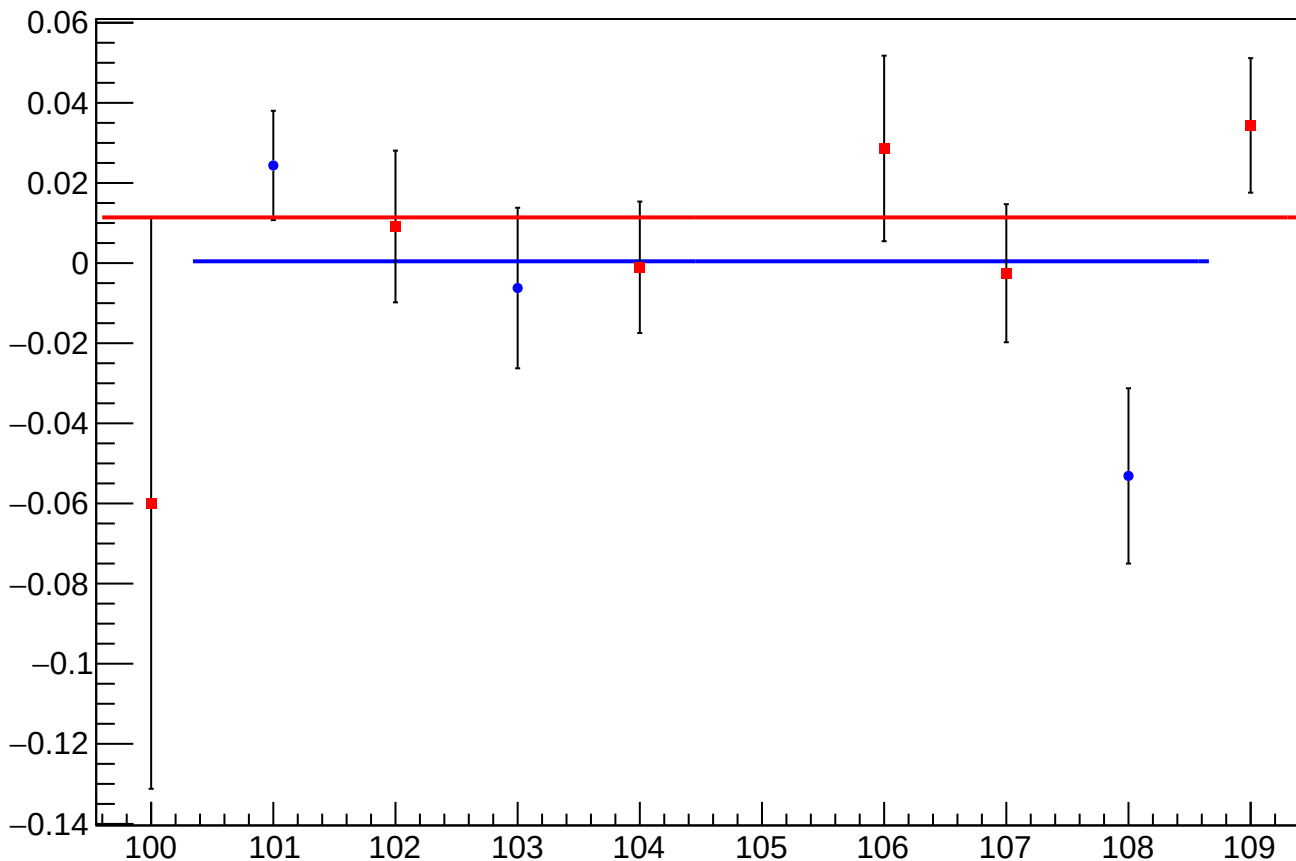
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.127+/-0.005 χ^2/NDF : 420.8/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.000 $\pm$ 0.010 χ^2 /NDF: 9.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.008 χ^2 /NDF: 4.7/5

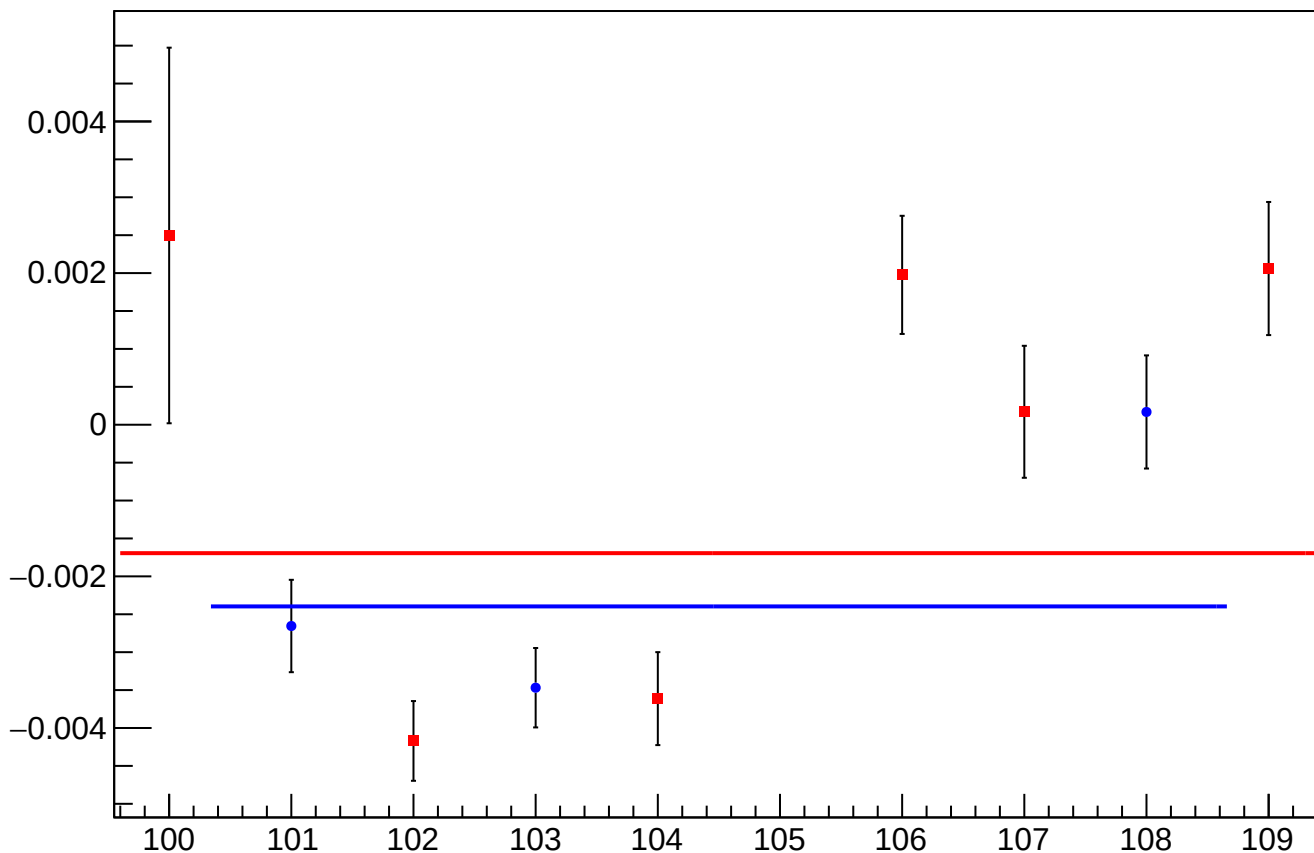
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.006 χ^2 /NDF: 14.6/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.002 $\pm$ 0.000 χ^2 /NDF: 16.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.002 $\pm$ 0.000 χ^2 /NDF: 79.9/5

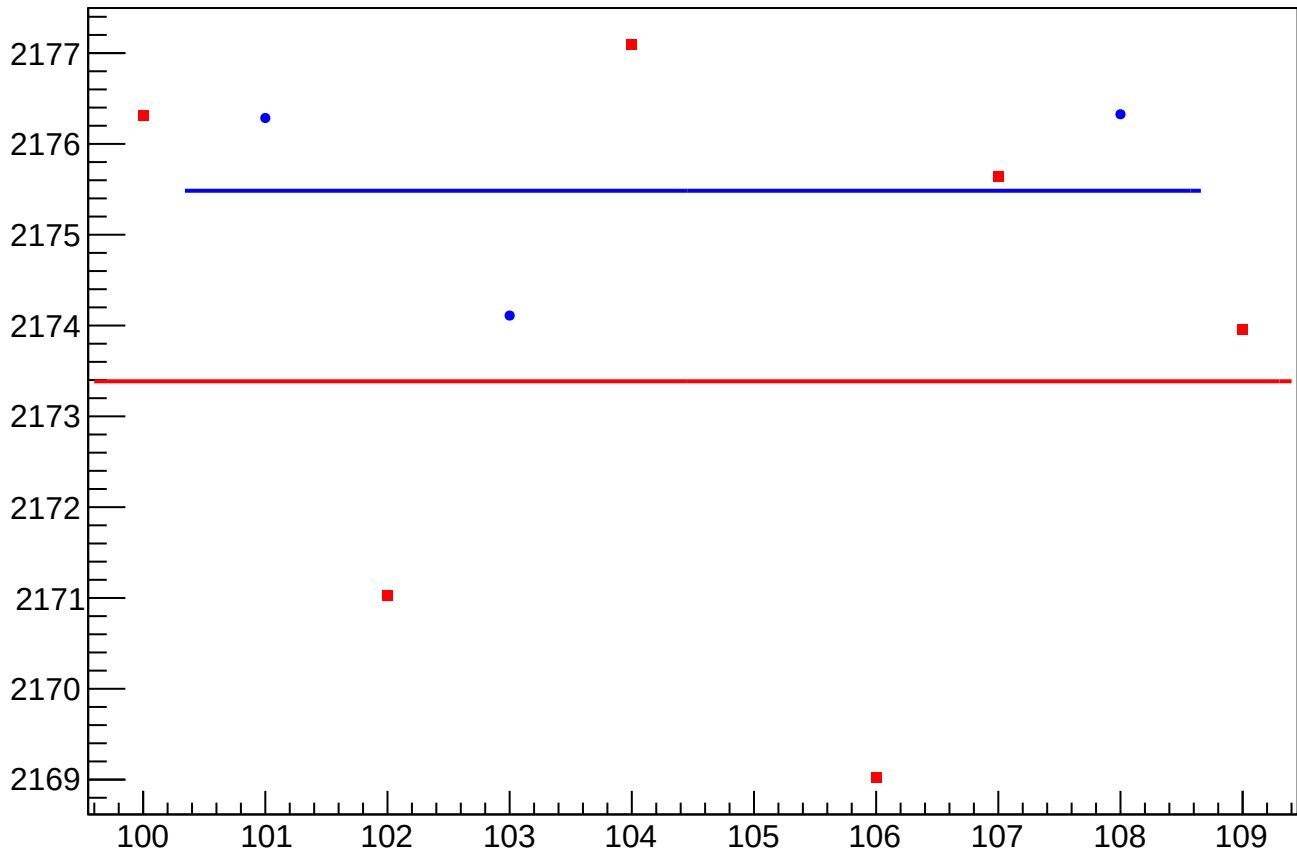
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.002 $\pm$ 0.000 χ^2 /NDF: 98.4/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HALLA_p_mean vs Slug



Right In: 2175.484 $\pm$ 0.000 χ^2 /NDF: 189787821679805103721318539329536.0/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

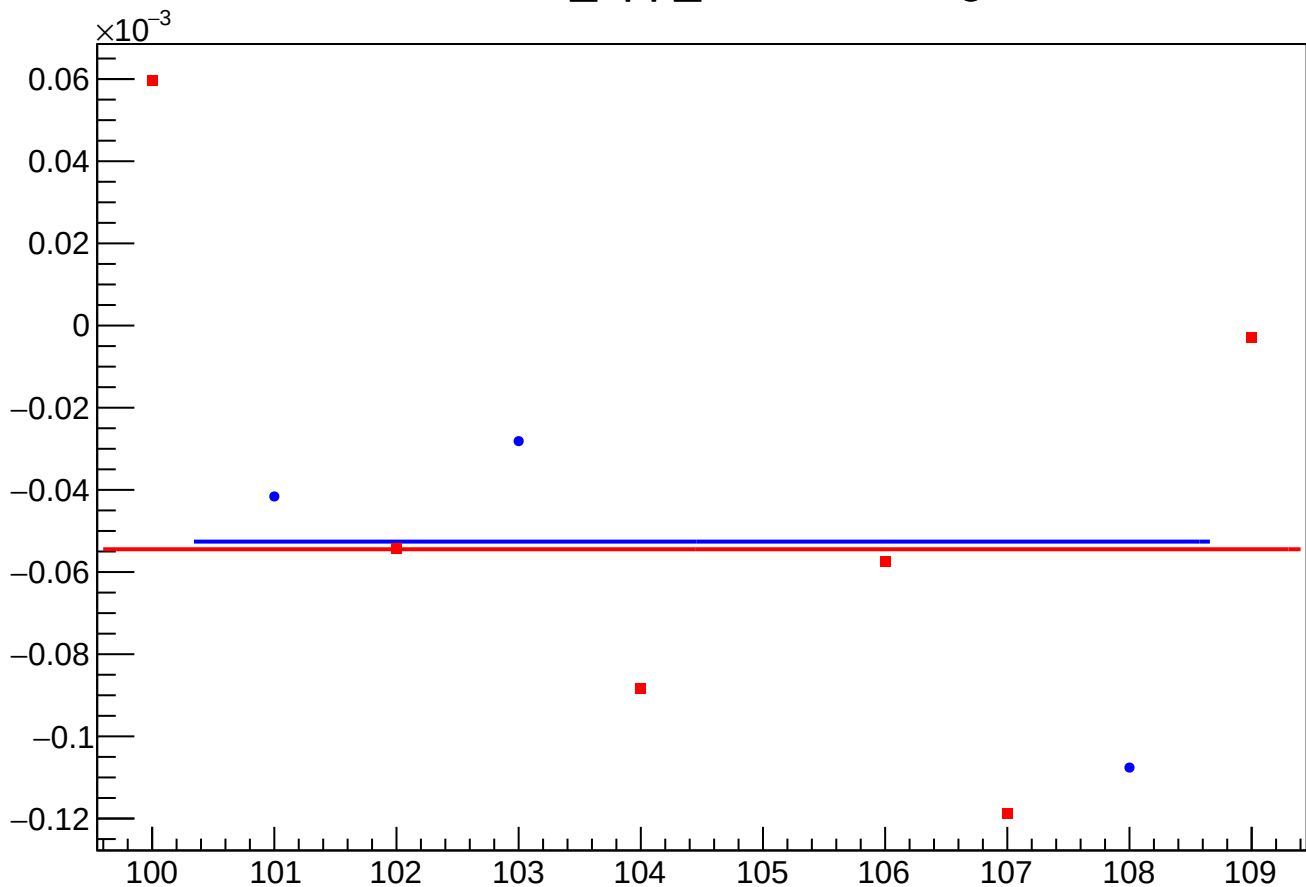
All: 2174.257 $\pm$ 0.000 χ^2 /NDF: 25743421597

Right Out: 2173.386 $\pm$ 0.000 χ^2 /NDF: 1949531032955107877486492930539520.0/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 169580866848105152118784.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

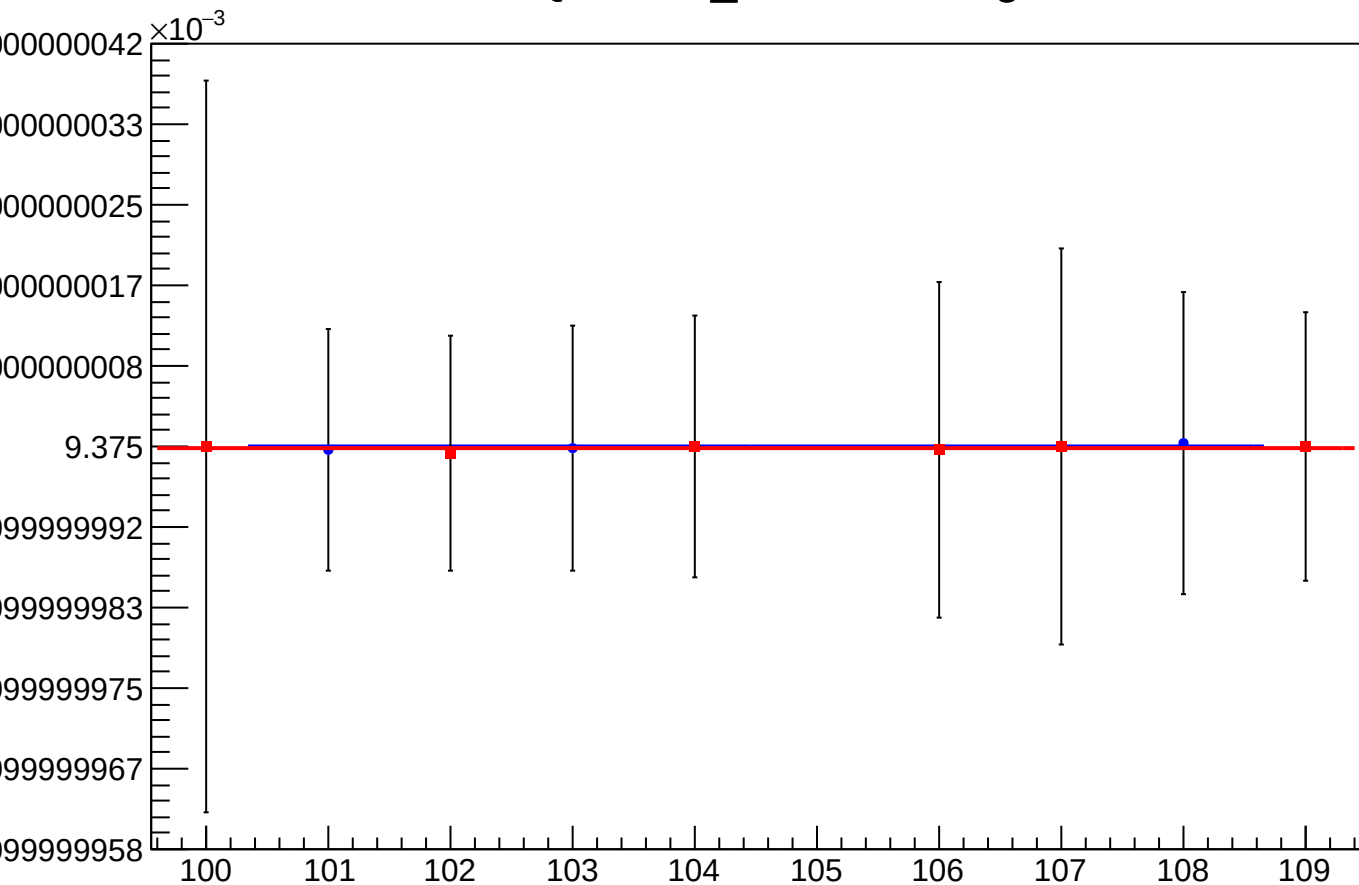
All: -0.000+/-0.000 χ^2/NDF : 5604725531147

Right Out: -0.000+/-0.000 χ^2/NDF : 390549466818534958956544.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

MQ171LM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/5

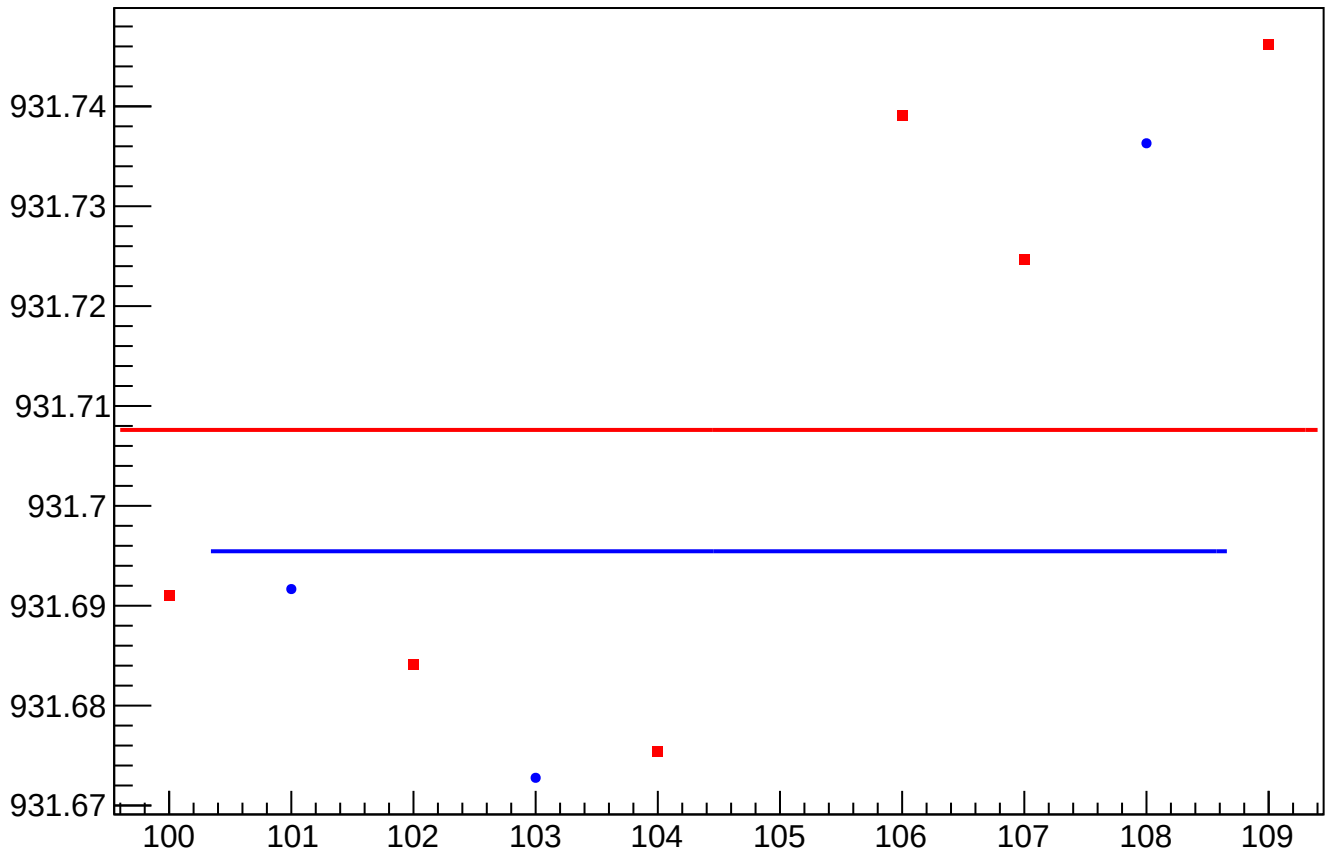
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.695+/-0.000 χ^2/NDF : 101758932201085982843674296320.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

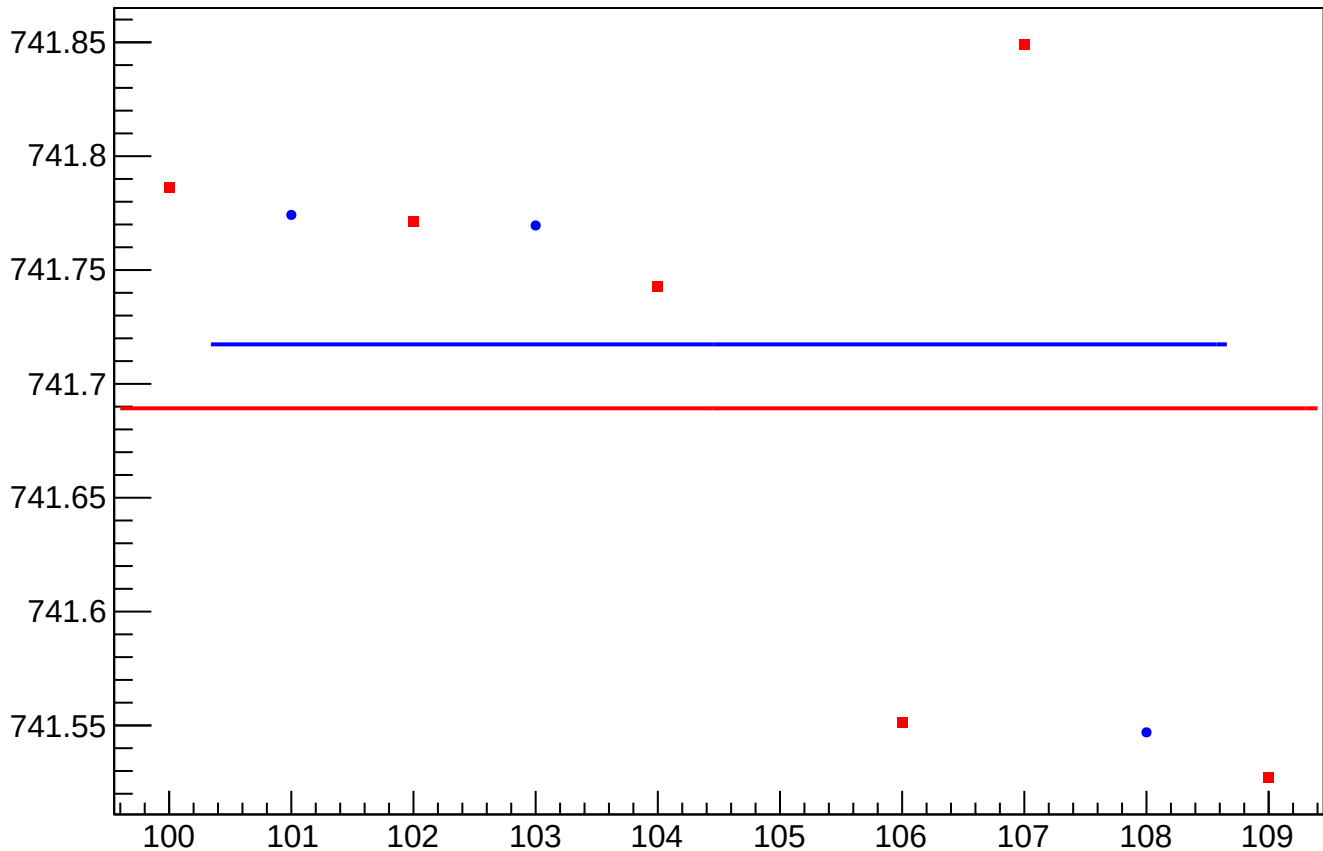
All: 931.703+/-0.000 χ^2/NDF : 328835660517.0/5

Right Out: 931.708+/-0.000 χ^2/NDF : 212488363895011965899489935360.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.717+/-0.000 χ^2/NDF : 1572297208659116329510505545728.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

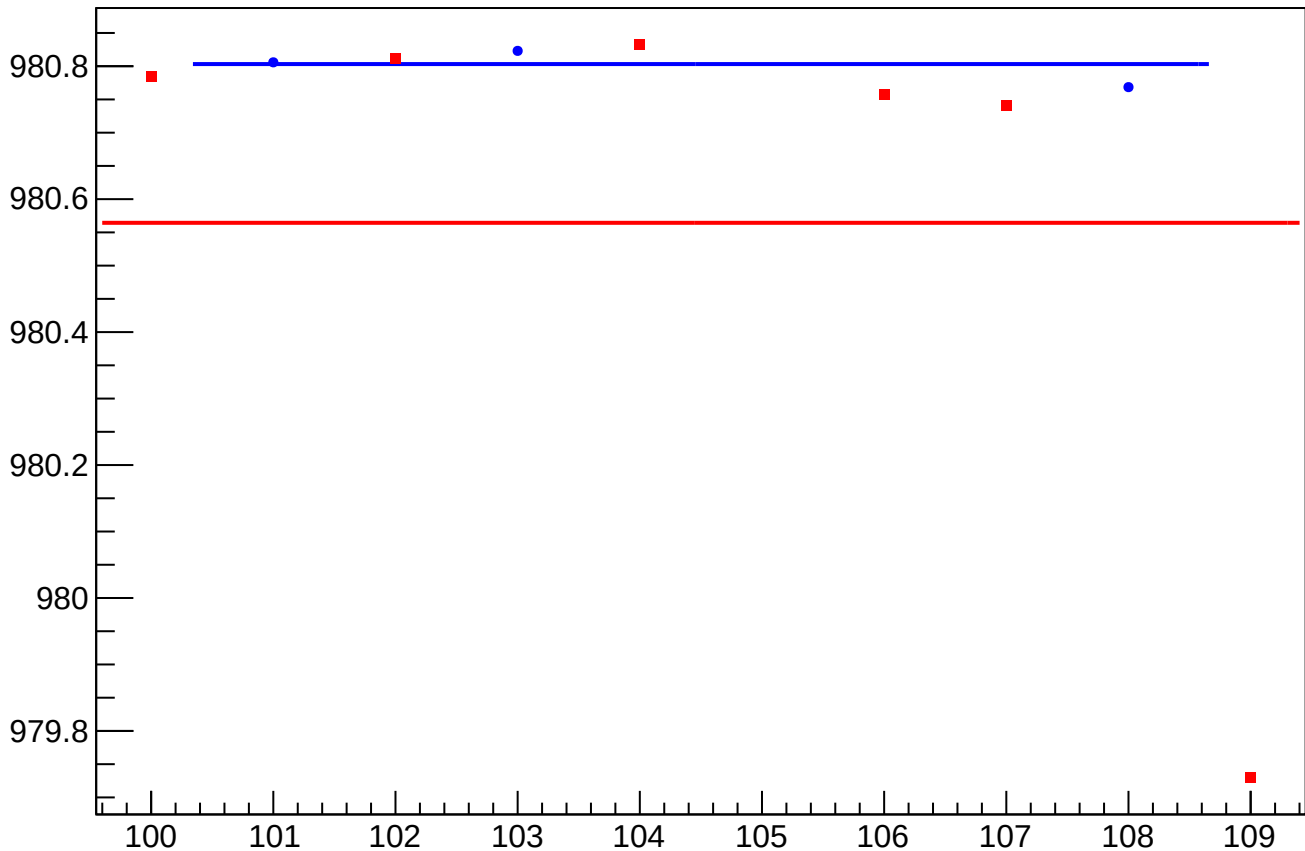
All: 741.701+/-0.000 χ^2/NDF : 493647548978.0/5

Right Out: 741.689+/-0.000 χ^2/NDF : 3286238443833195125168022749184.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.803 $\pm$ 0.000 χ^2 /NDF: 74662724718408561399045292032.0/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

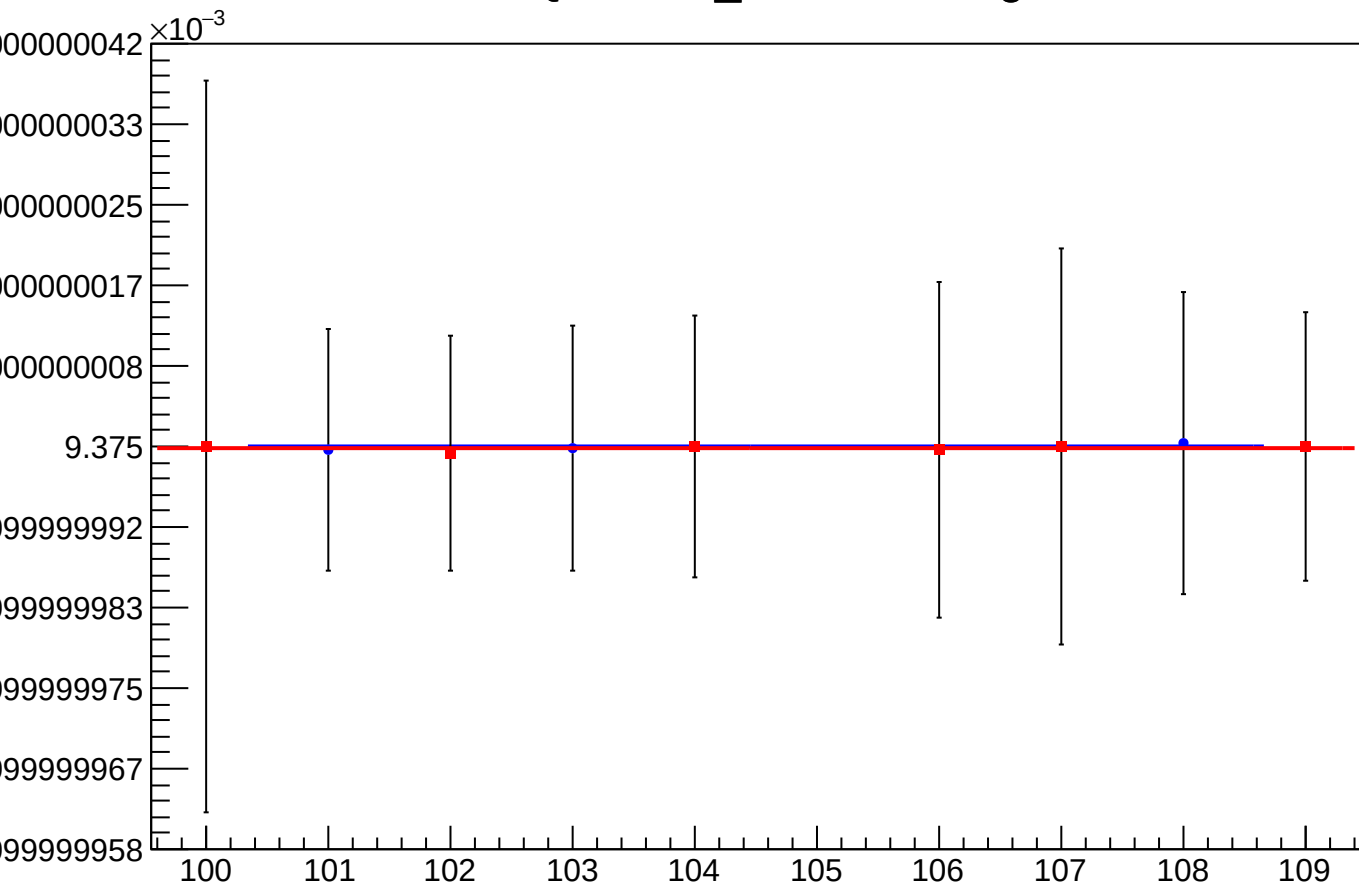
All: 980.664 $\pm$ 0.000 χ^2 /NDF: 52299627523

Right Out: 980.564 $\pm$ 0.000 χ^2 /NDF: 46589484812061057431981862682624.0/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

MQ172RM_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/5

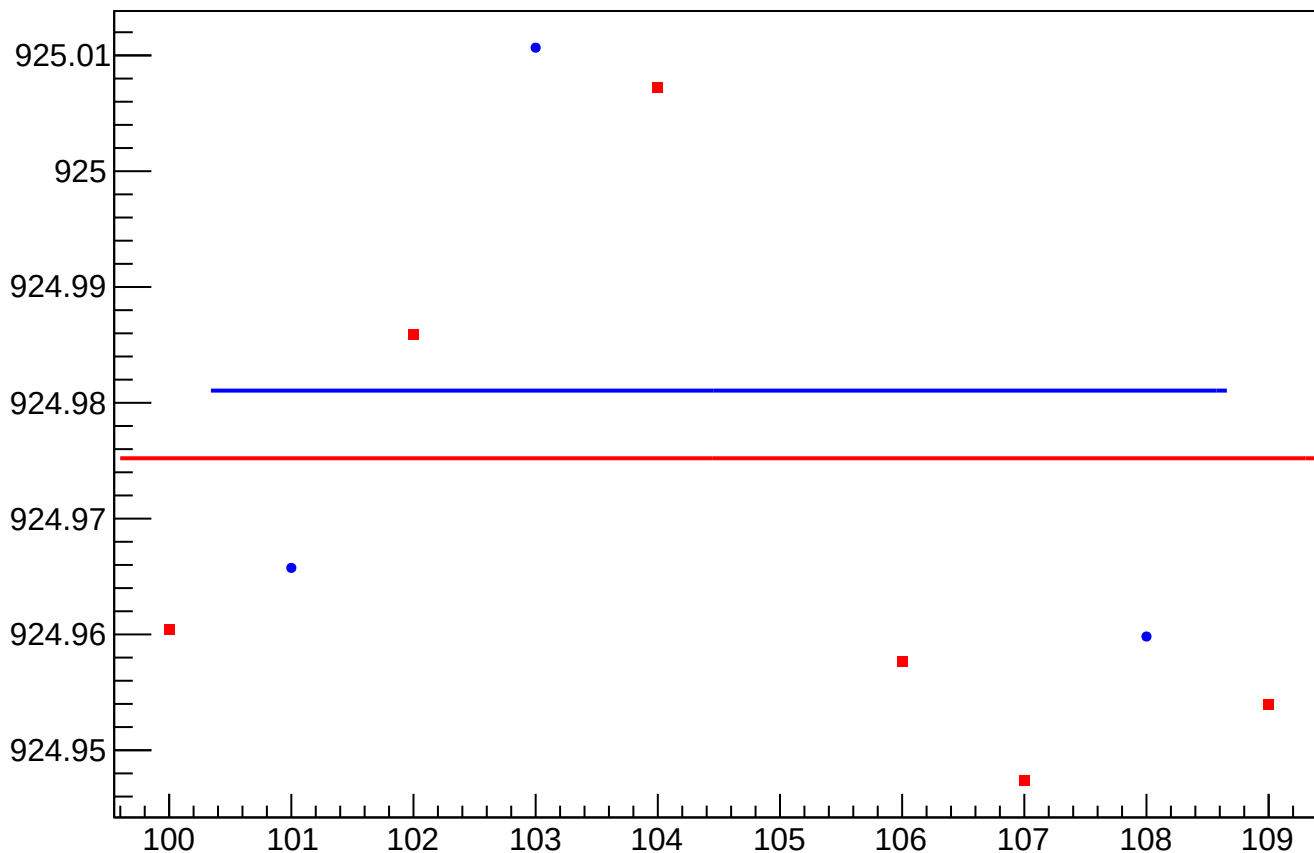
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.981+/-0.000 χ^2/NDF : 88963318817149878861786251264.0/2
 + sign 0.000+/-0.000 χ^2/NDF : 0.0/0

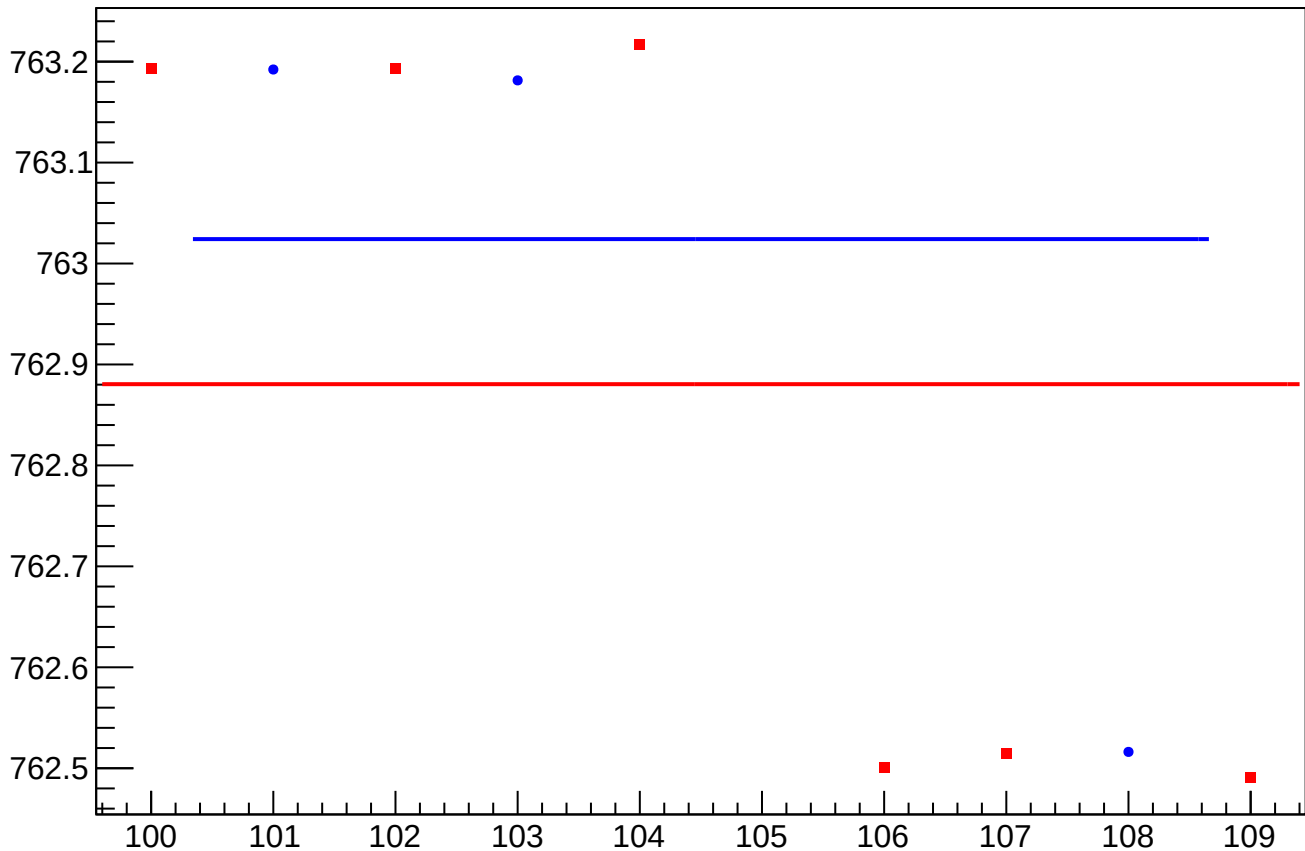
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.978+/-0.000 χ^2/NDF : 209176484743

Right Out: 924.975+/-0.000 χ^2/NDF : 116839329924353921664459735040.0/5
 - sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 763.024+/-0.000 χ^2/NDF : 13973324177973307819528988655616.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

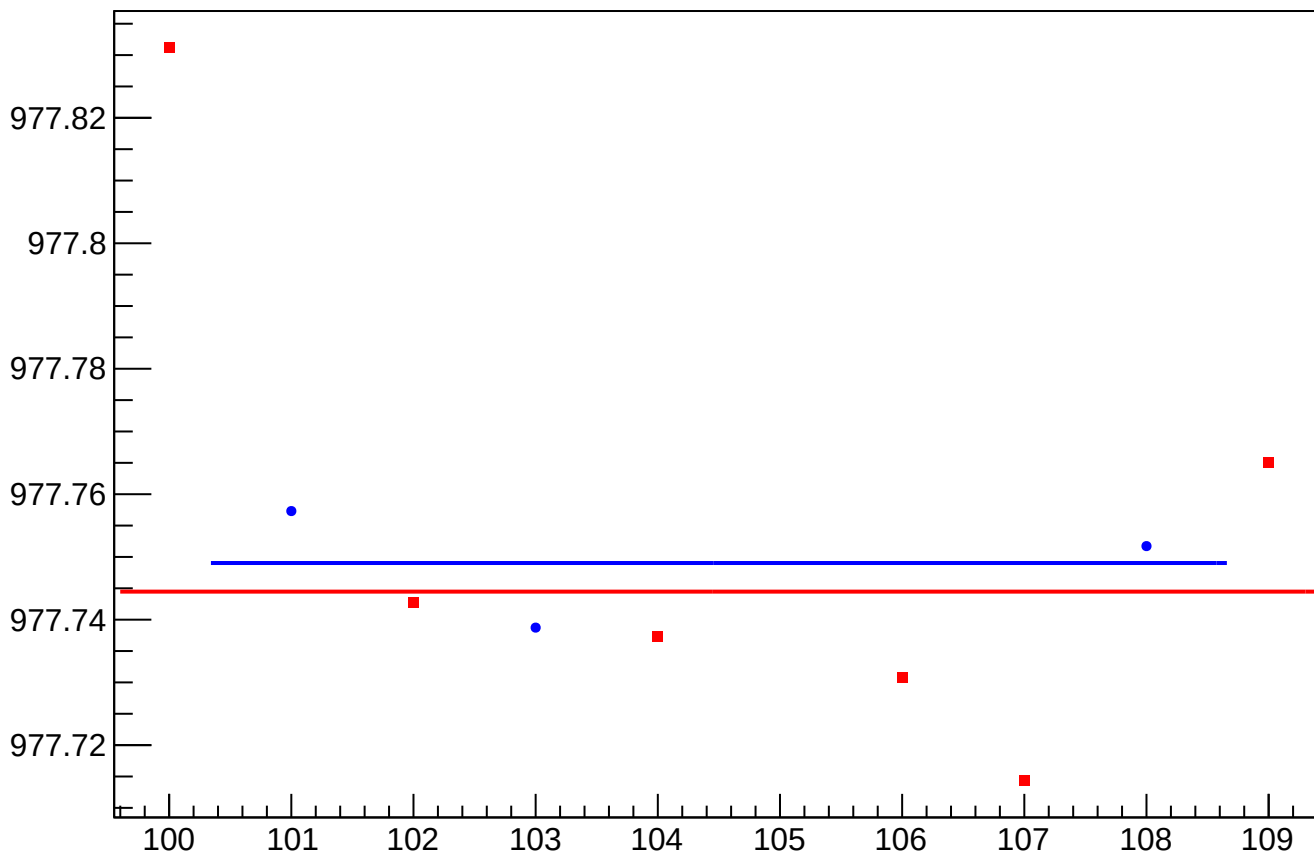
All: 762.940+/-0.000 χ^2/NDF : 45311584833.0/5

Right Out: 762.880+/-0.000 χ^2/NDF : 29297236318817453293019175321600.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.749 $\pm$ 0.000 χ^2 /NDF: 11436759392627933205734883328.0/2

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

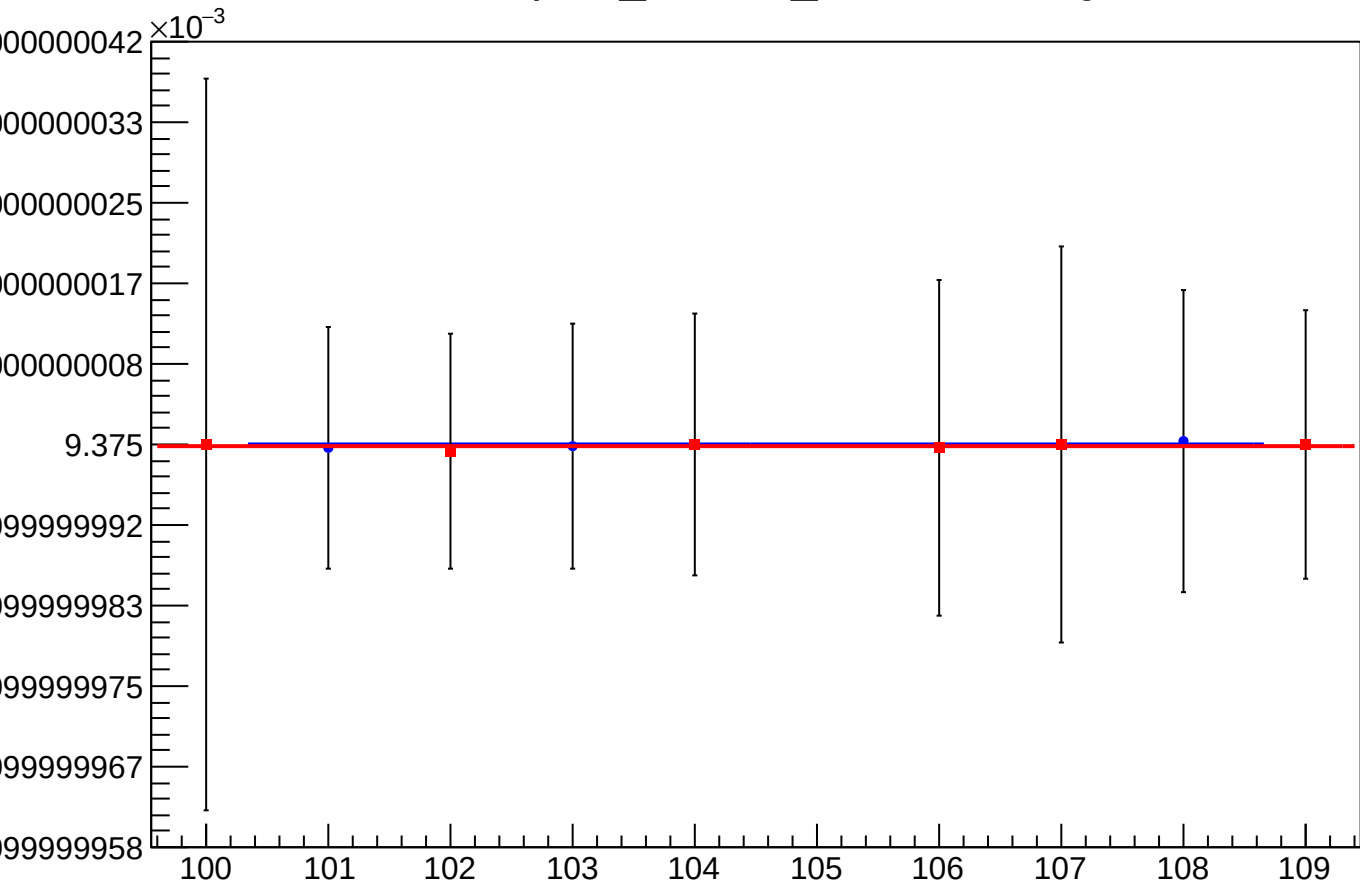
All: 977.746 $\pm$ 0.000 χ^2 /NDF: 11901184963.0/5

Right Out: 977.744 $\pm$ 0.000 χ^2 /NDF: 105519753246504048689284120576.0/5

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

hesDipole_current_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/5

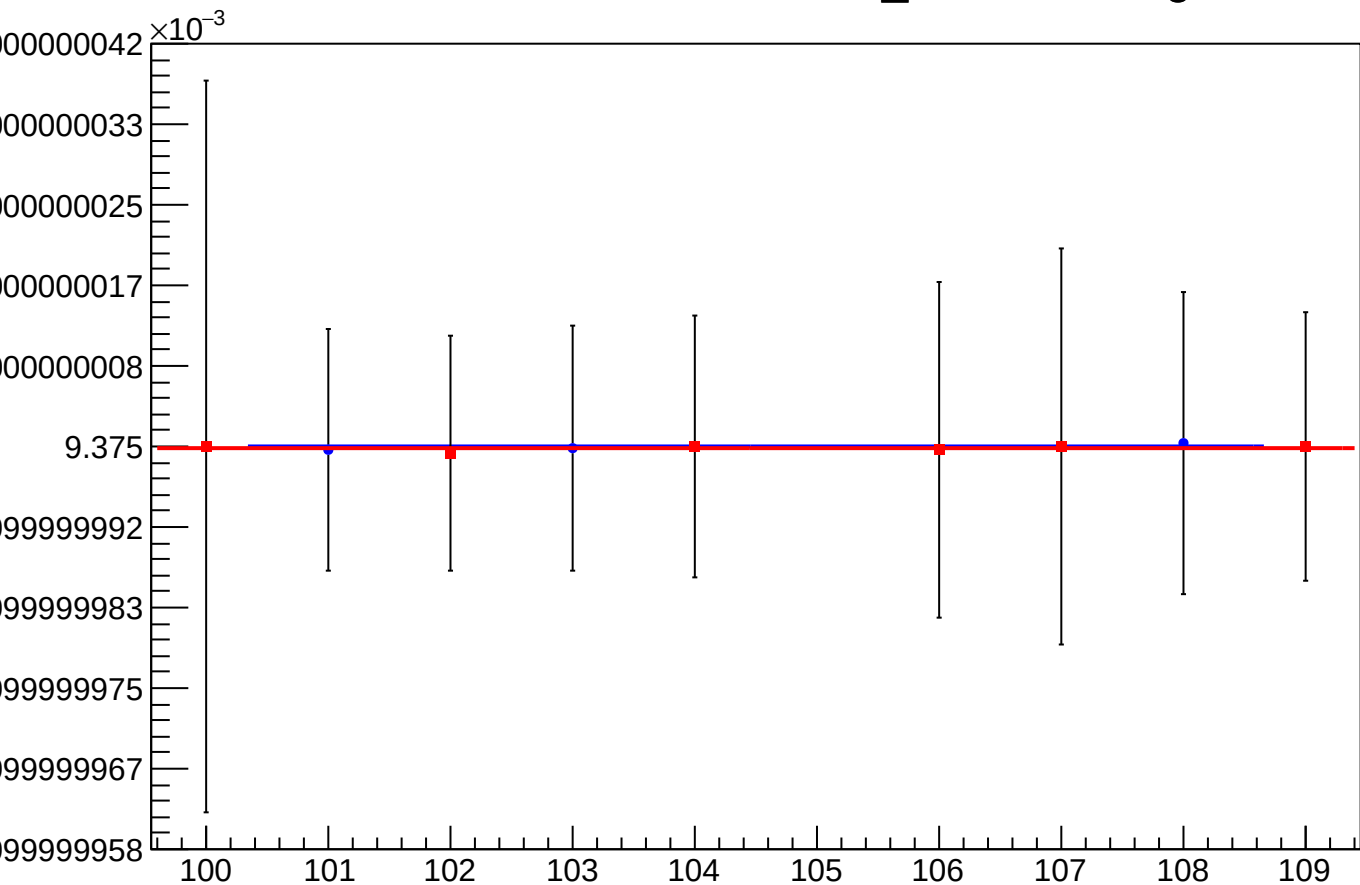
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

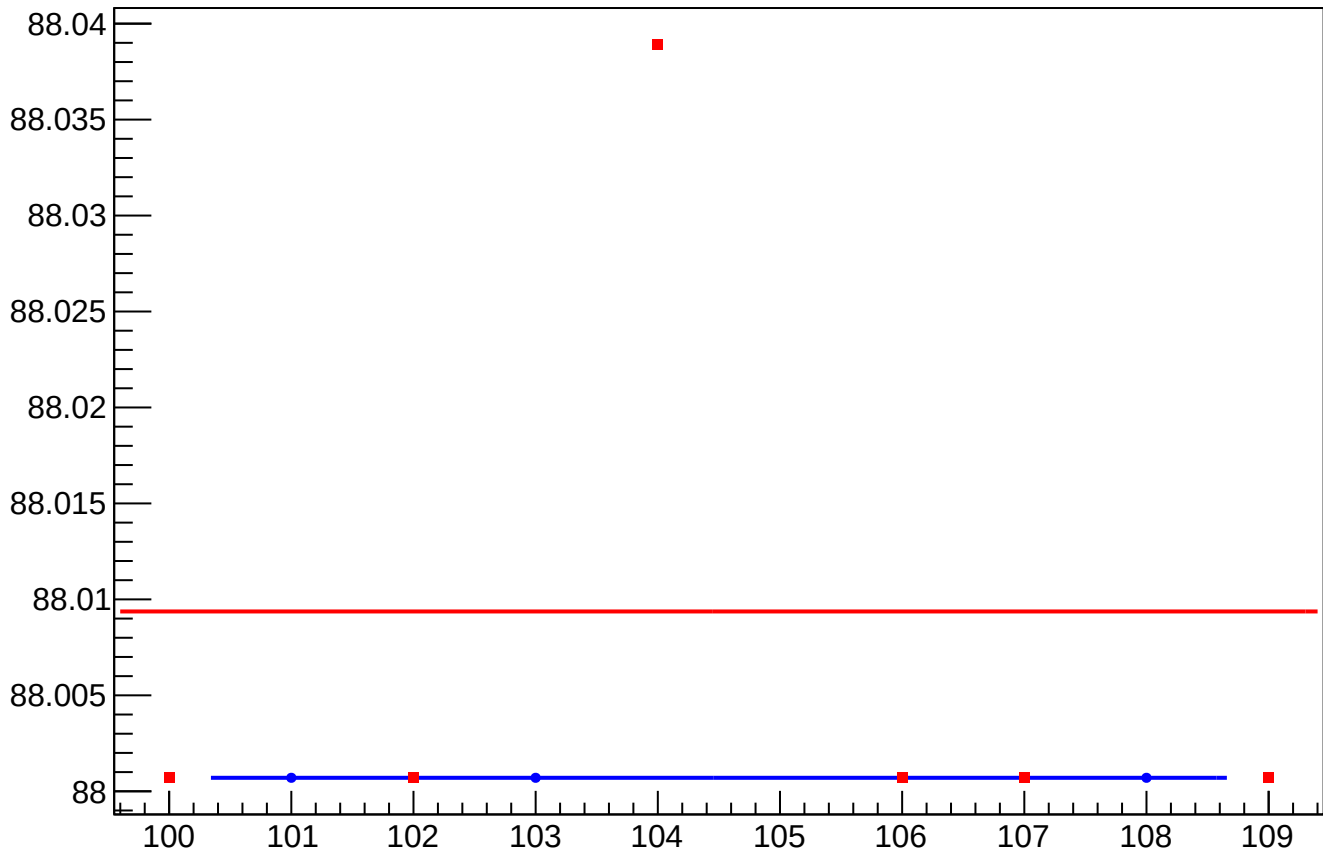
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 310394.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

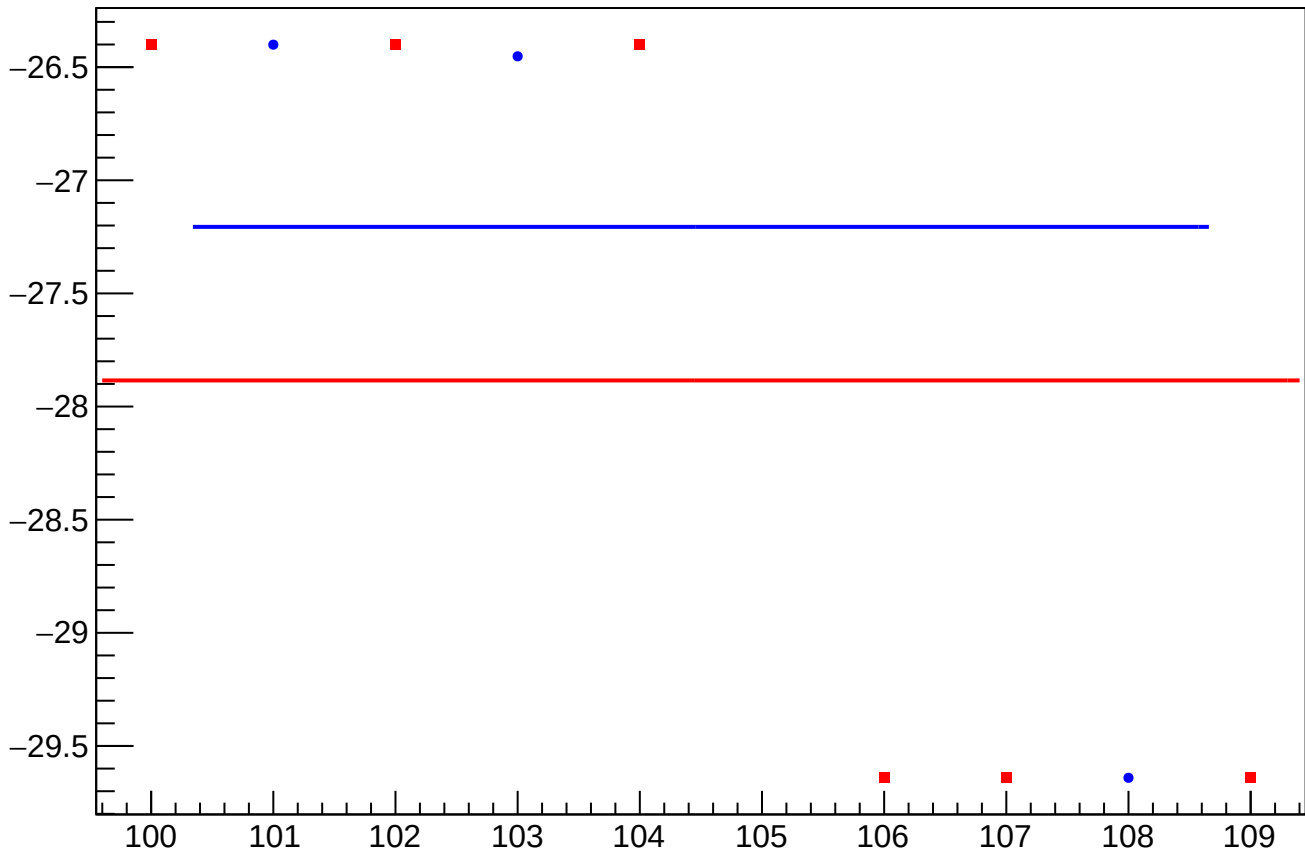
Right Out: 88.009 $\pm$ 0.000 χ^2 /NDF: 60924329798776484704859193344.0/5

All: 88.006 $\pm$ 0.000 χ^2 /NDF: 6834868929221

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HWienAngle_mean vs Slug



Right In: -27.206+/-0.000 χ^2/NDF : 320995646322918513220922554449920.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

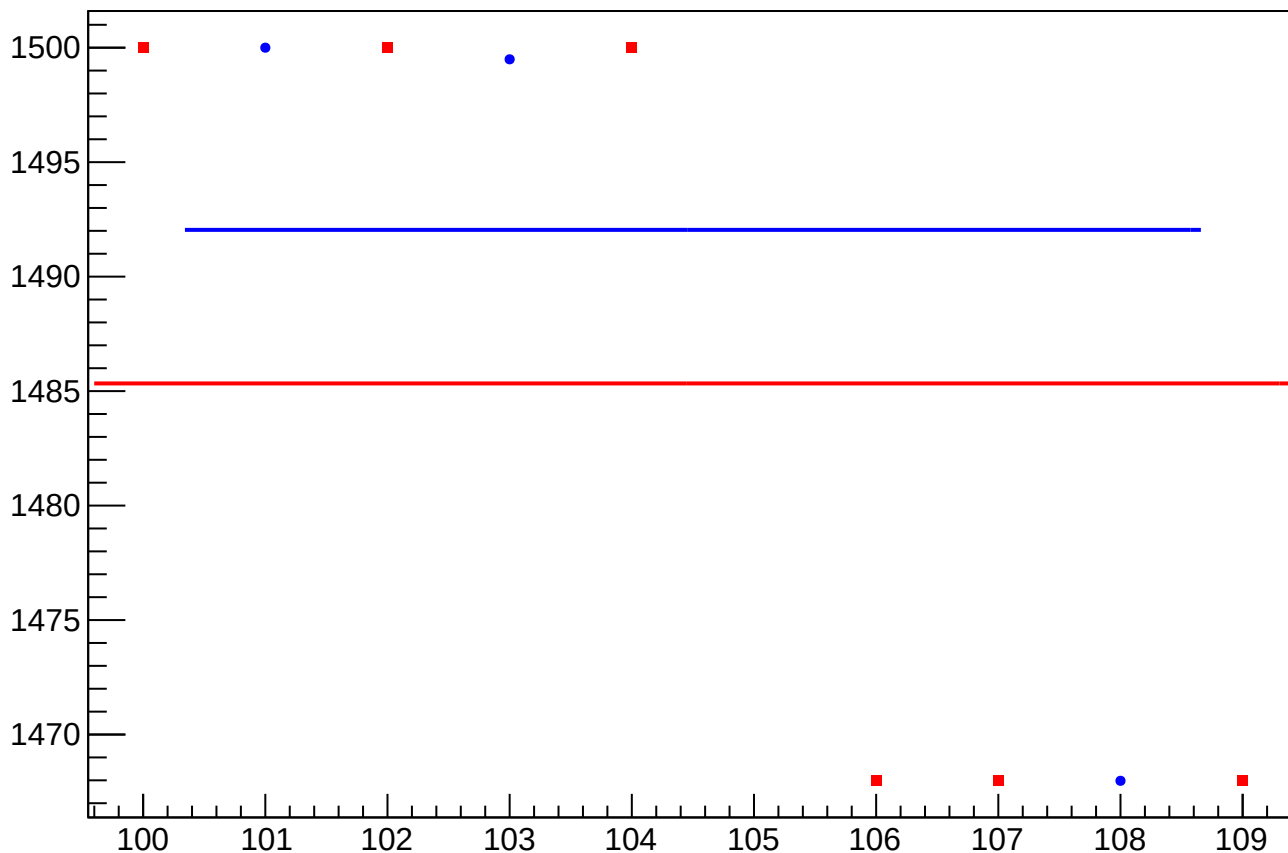
All: -27.603+/-0.000 χ^2/NDF : 986708894910

Right Out: -27.885+/-0.000 χ^2/NDF : 620196443697492024697045217443840.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

psub_pl_pos_mean vs Slug



Right In: 1492.043+/-0.000 χ^2/NDF : 31353781146079654072745256170815488.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

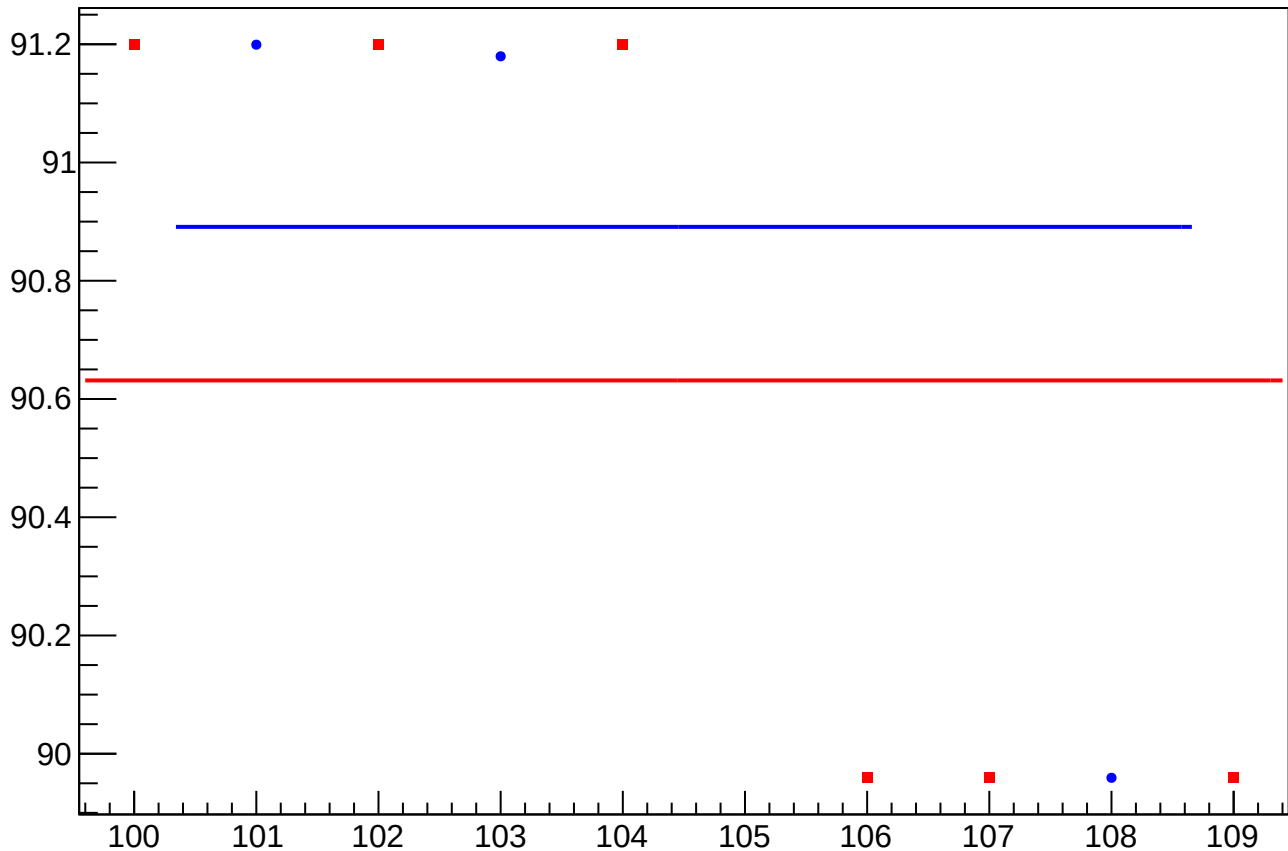
All: 1488.121+/-0.000 χ^2/NDF : 96378424755

Right Out: 1485.335+/-0.000 χ^2/NDF : 60578714340904443033176310812770304.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Phi_FG_mean vs Slug



Right In: 90.891+/-0.000 χ^2/NDF : 47016737710153315025391917727744.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

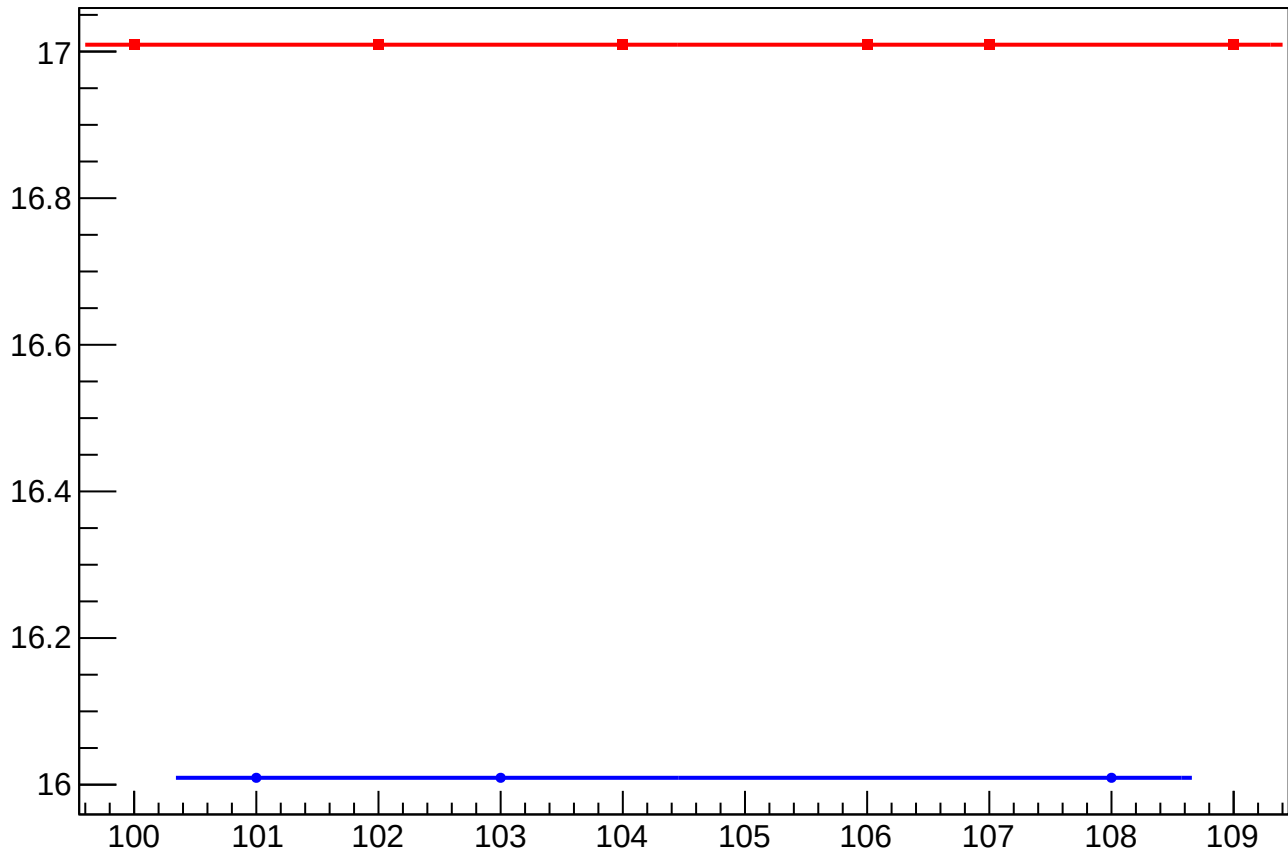
All: 90.739+/-0.000 χ^2/NDF : 1445248053664.0/5

Right Out: 90.631+/-0.000 χ^2/NDF : 90841149579838853351470668972032.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 16458.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

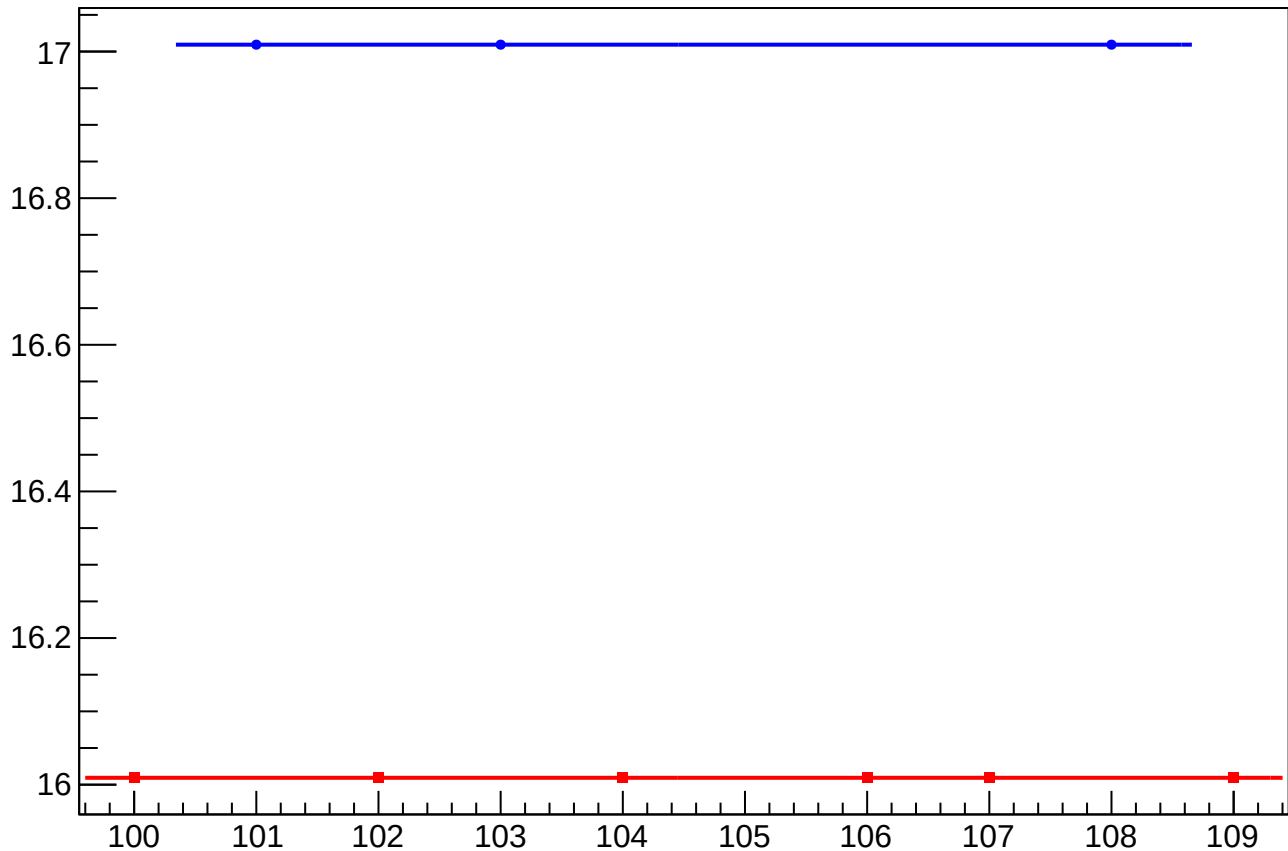
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 1909722222177348942299136.0/5

All: 16.580 $\pm$ 0.000 χ^2 /NDF: 9650077149056

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

IGL1I00OD16_16_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 14881.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 12205.3/5

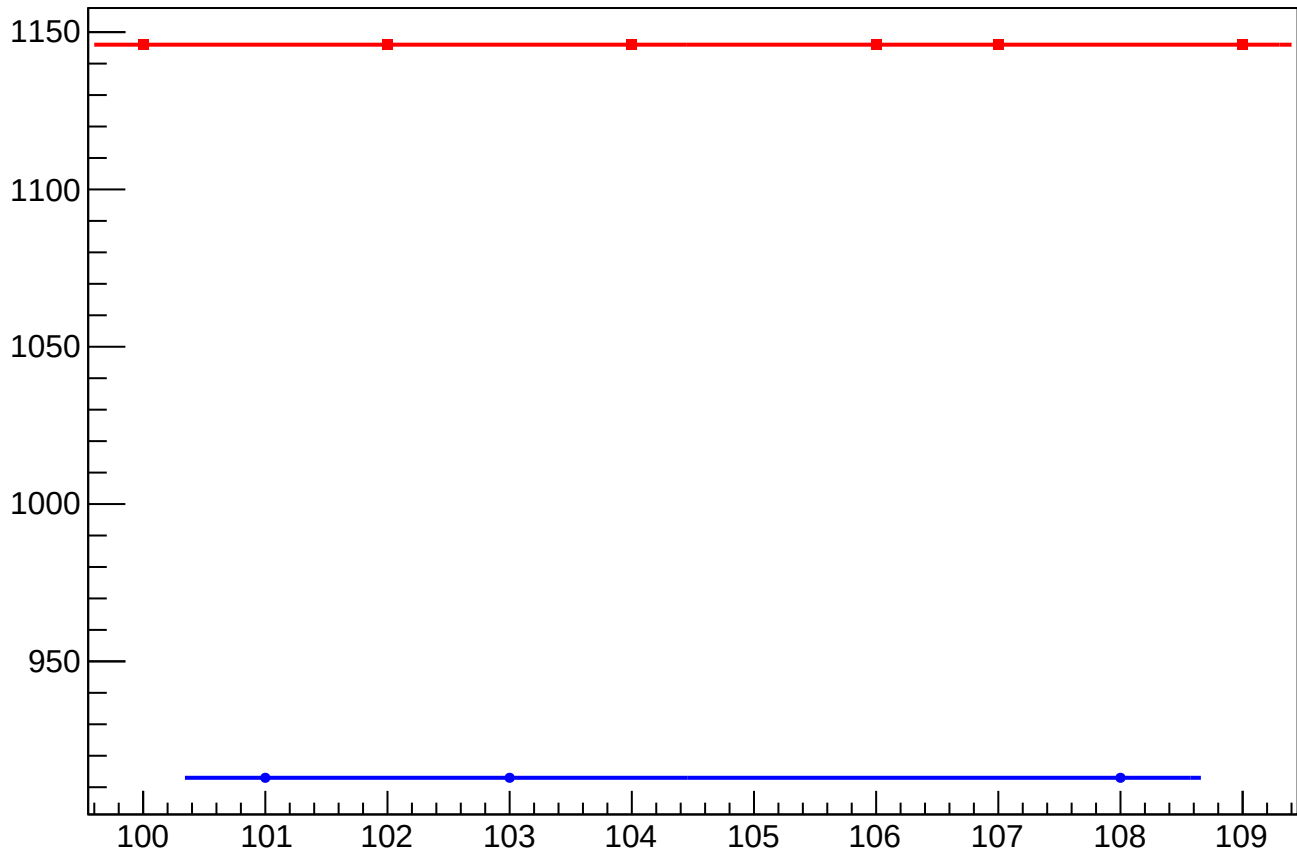
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.400 $\pm$ 0.000 χ^2 /NDF: 914062499999

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSUCNT_mean vs Slug



Right In: 912.993+/-0.000 χ^2/NDF : 1594166762904487217023942656.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

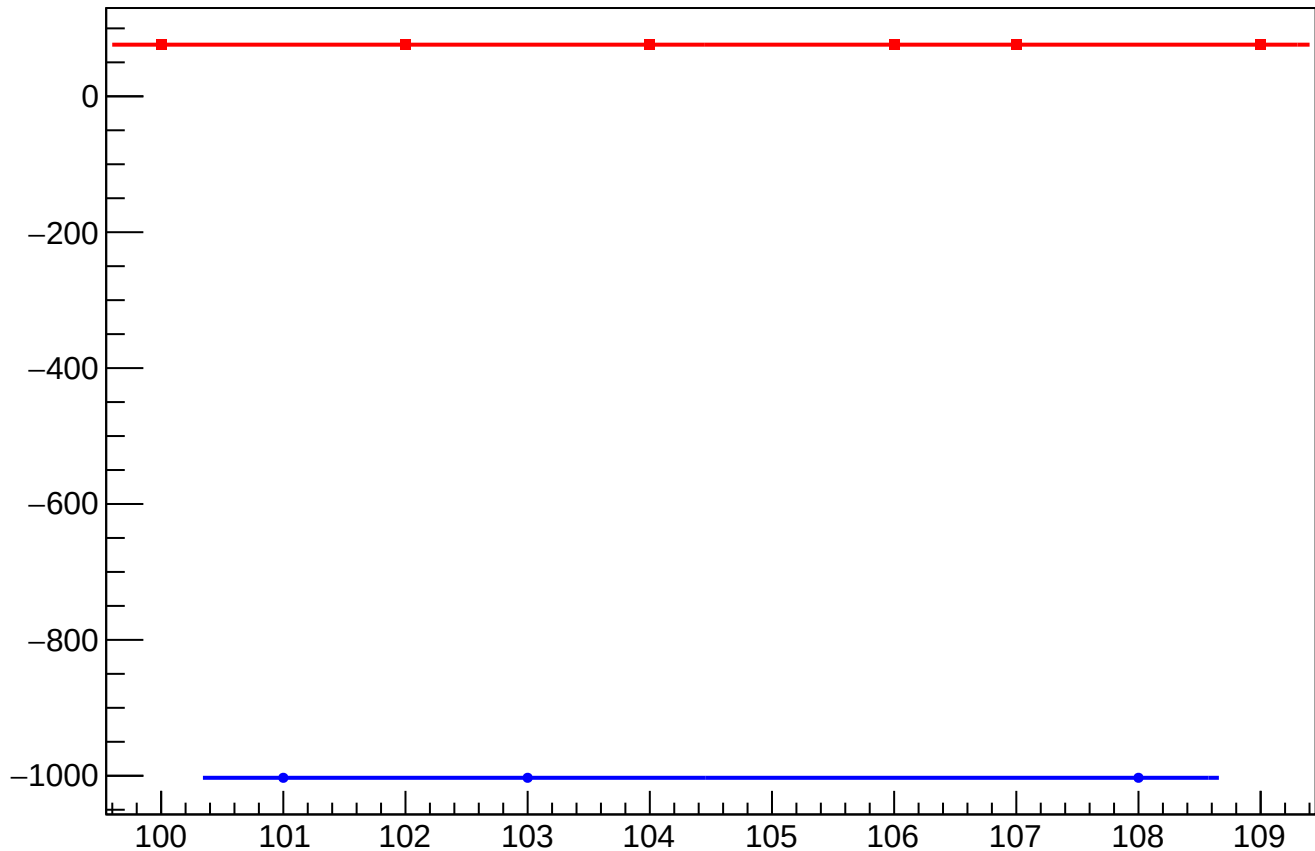
All: 1049.254+/-0.000 χ^2/NDF : 53659198308.0/5

Right Out: 1146.010+/-0.000 χ^2/NDF : 621257763652930377489580032.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPAPOSVCNT_mean vs Slug



Right In: -1002.988+/-0.000 χ^2/NDF : 978676743063326940148531200.0/2

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

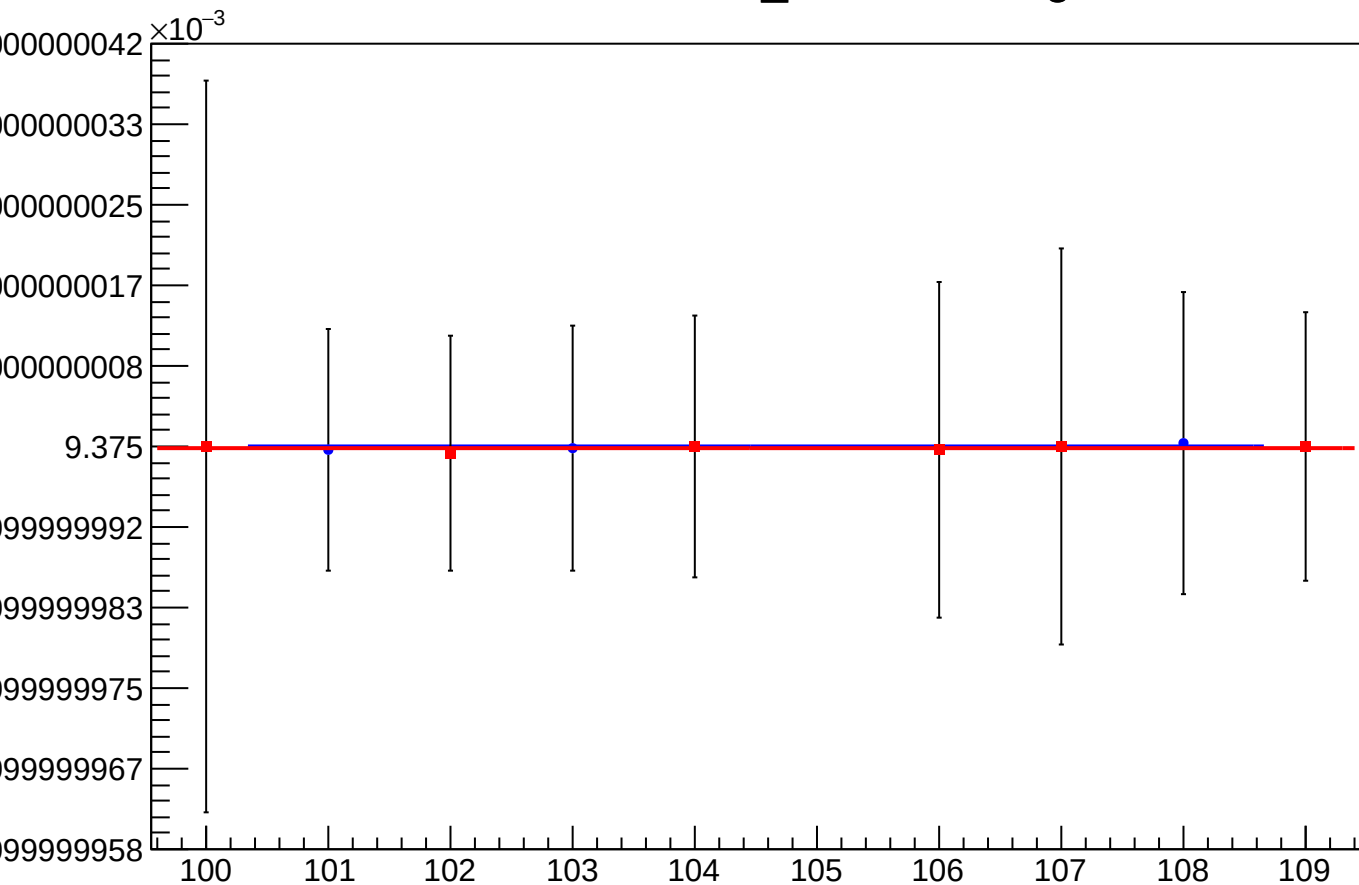
All: -372.027+/-0.000 χ^2/NDF : 11505631645

Right Out: 76.009+/-0.000 χ^2/NDF : 2534871102235886313537536.0/5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPPITA1CNT_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/5

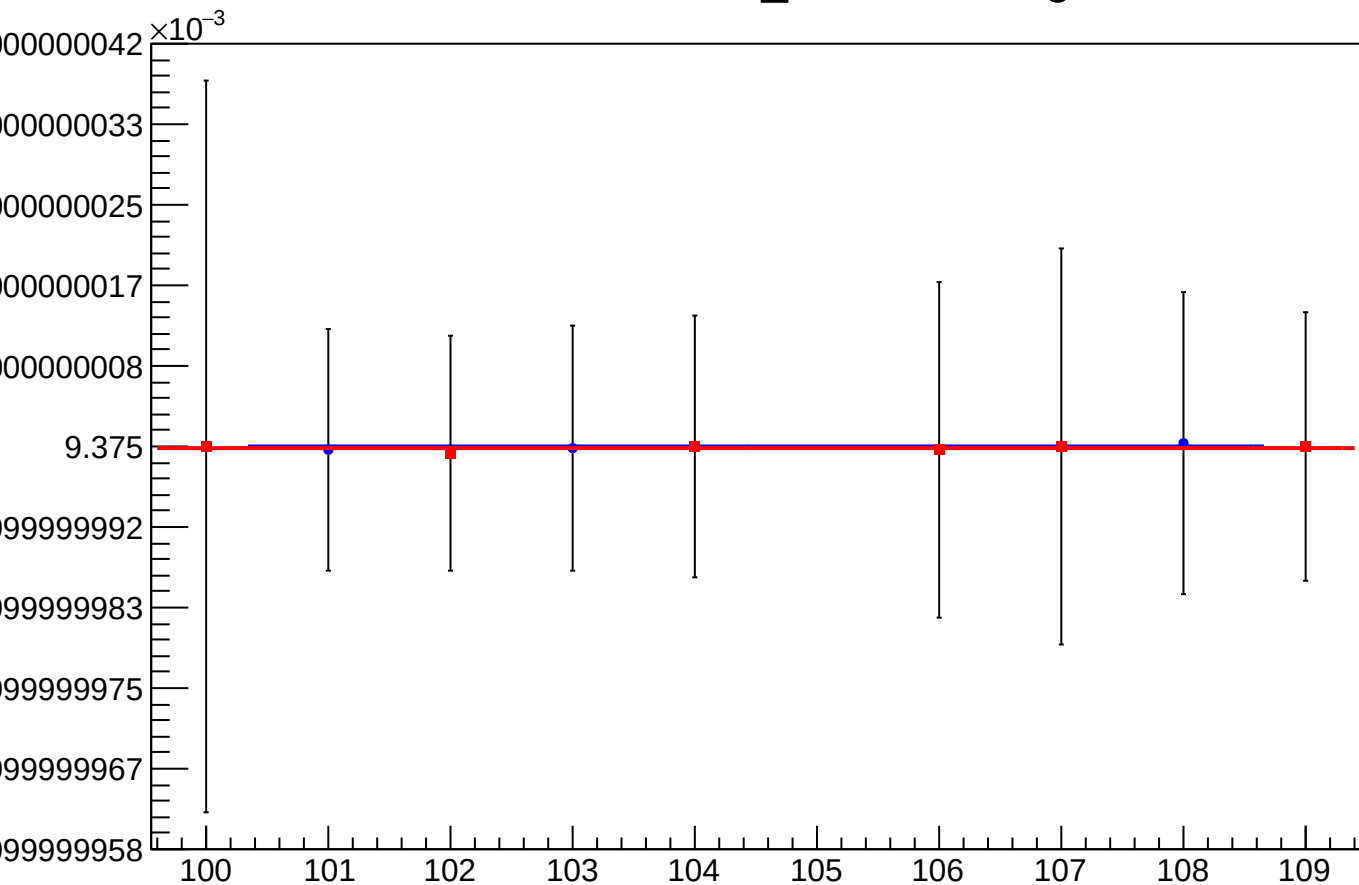
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPPITA2CNT_mean vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/5

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 0.0/8

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0