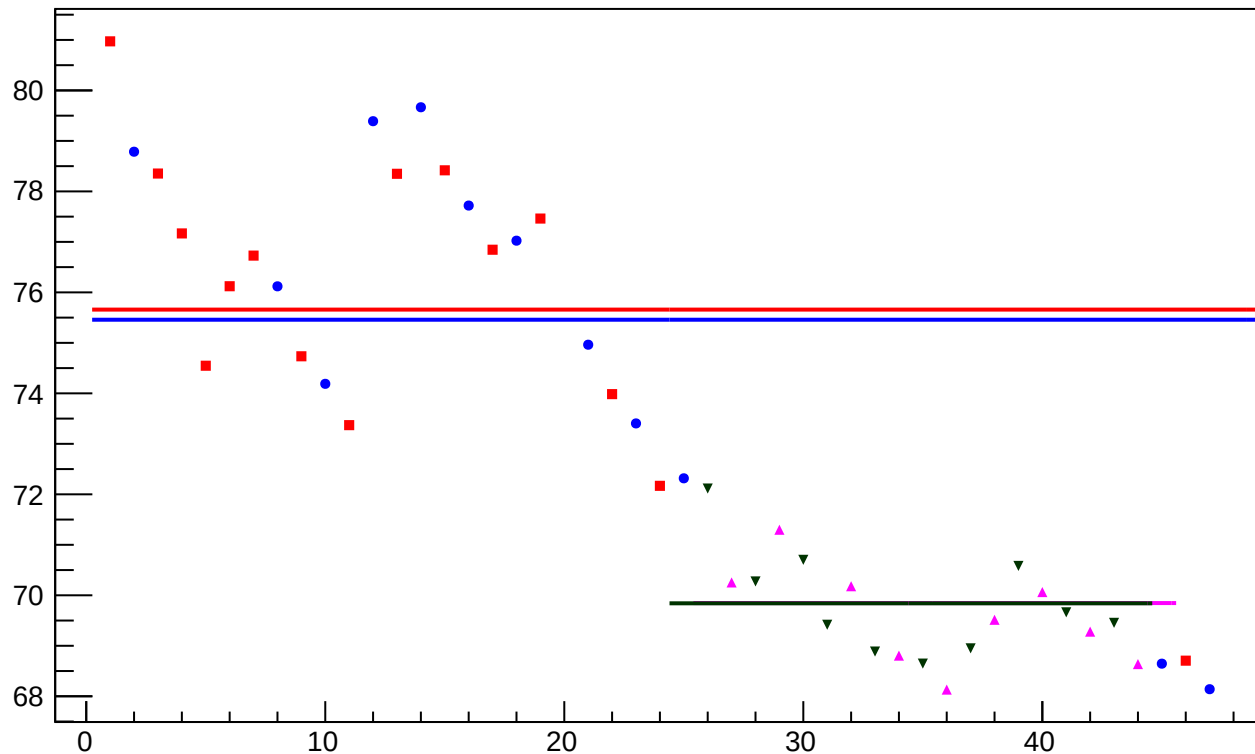


yield_usl_mean vs slug



Right In: 75.458+/-0.000

χ^2/NDF : 6053461725.4/11

Left Out: 69.841+/-0.000

χ^2/NDF : 215220633.1/9

Right Out: 75.659+/-0.000

χ^2/NDF : 2720661316.0/14

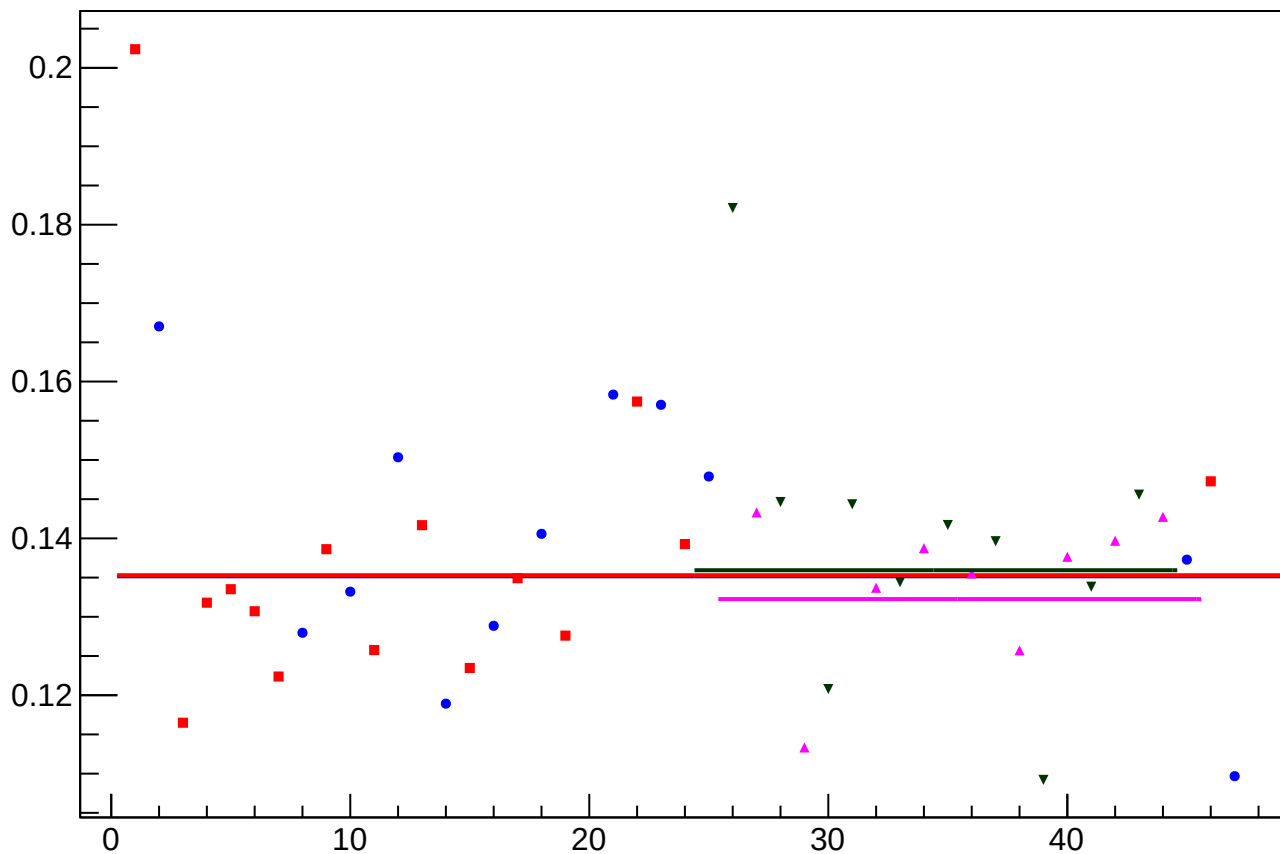
73.123+/-0.000

χ^2/NDF : 19997023887.5/45

Left In: 69.846+/-0.000

χ^2/NDF : 291590759.3/8

yield_usl_rms vs slug



Right In: 0.135+/-0.000 χ^2/NDF : 223038.3/11

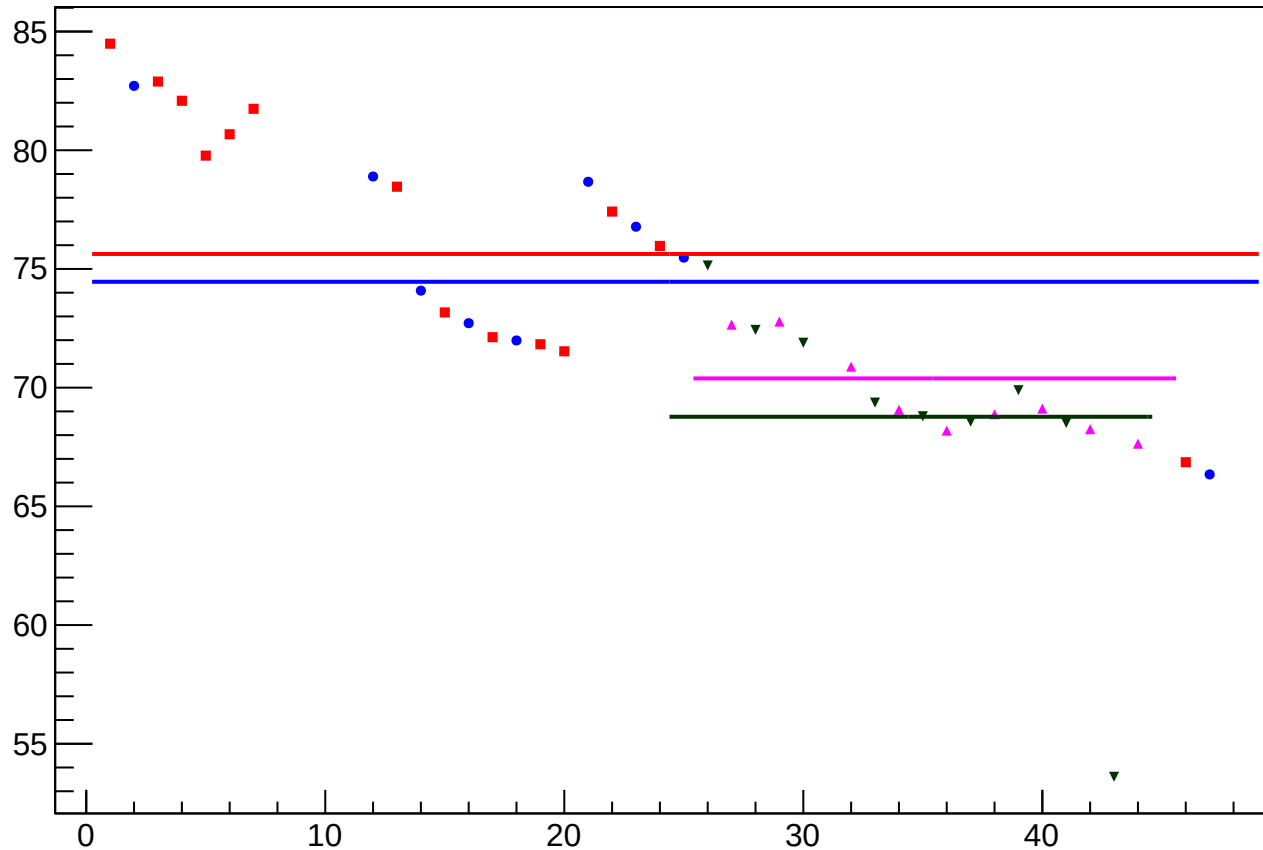
Left Out: 0.136+/-0.000 χ^2/NDF : 142177.4/9

Right Out: 0.135+/-0.000 χ^2/NDF : 193675.3/14

Left In: 0.132+/-0.000 χ^2/NDF : 68230.9/8

0.135+/-0.000 χ^2/NDF : 632015.3/45

yield_usr_mean vs slug



Right In: 74.459+/-0.000 χ^2/NDF : 15332053121.6/8

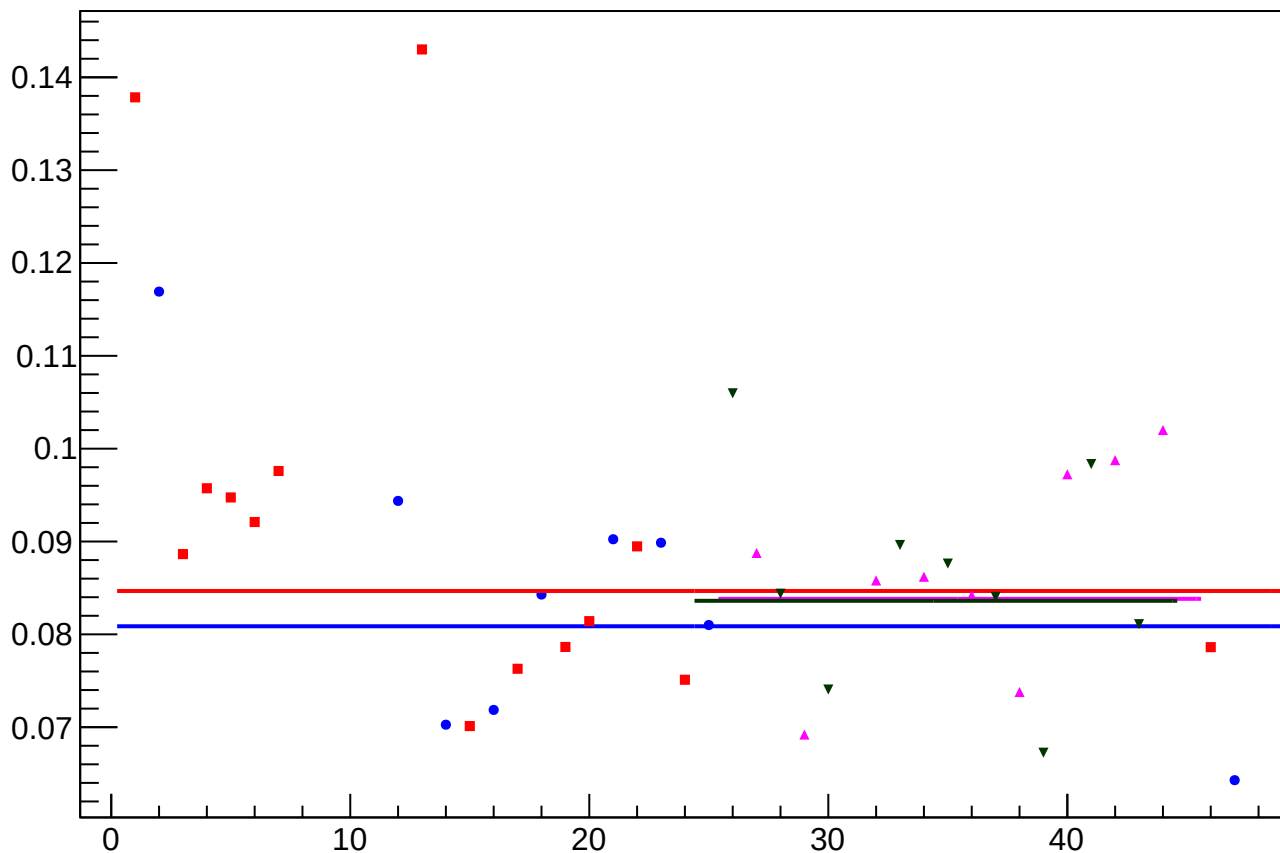
Left Out: 68.774+/-0.000 χ^2/NDF : 18384925742.4/8

Right Out: 75.631+/-0.000 χ^2/NDF : 17234253702.1/13

Left In: 70.389+/-0.000 χ^2/NDF : 2703253615.7/8

72.511+/-0.000 χ^2/NDF : 75827537764.7/40

yield_usr_rms vs slug



Right In: 0.081+/-0.000 χ^2/NDF : 335704.1/8

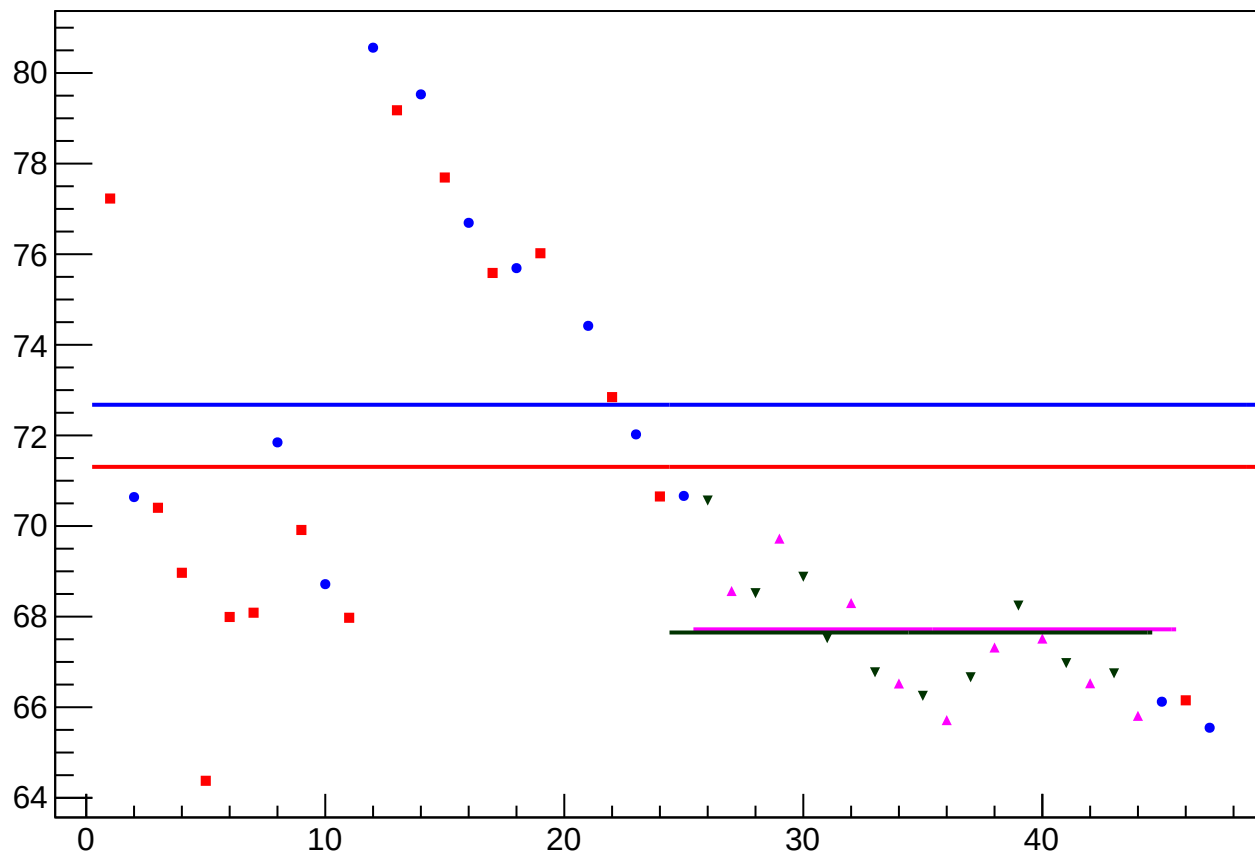
Left Out: 0.084+/-0.000 χ^2/NDF :137218.0/8

Right Out: 0.085+/-0.000 χ^2/NDF : 366829.4/13

Left In: 0.084+/-0.000 χ^2/NDF :162183.0/8

0.083+/-0.000 χ^2/NDF : 1014242.7/40

yield_dsl_mean vs slug



Right In: 72.677+/-0.000 χ^2/NDF : 9428027561.3/11

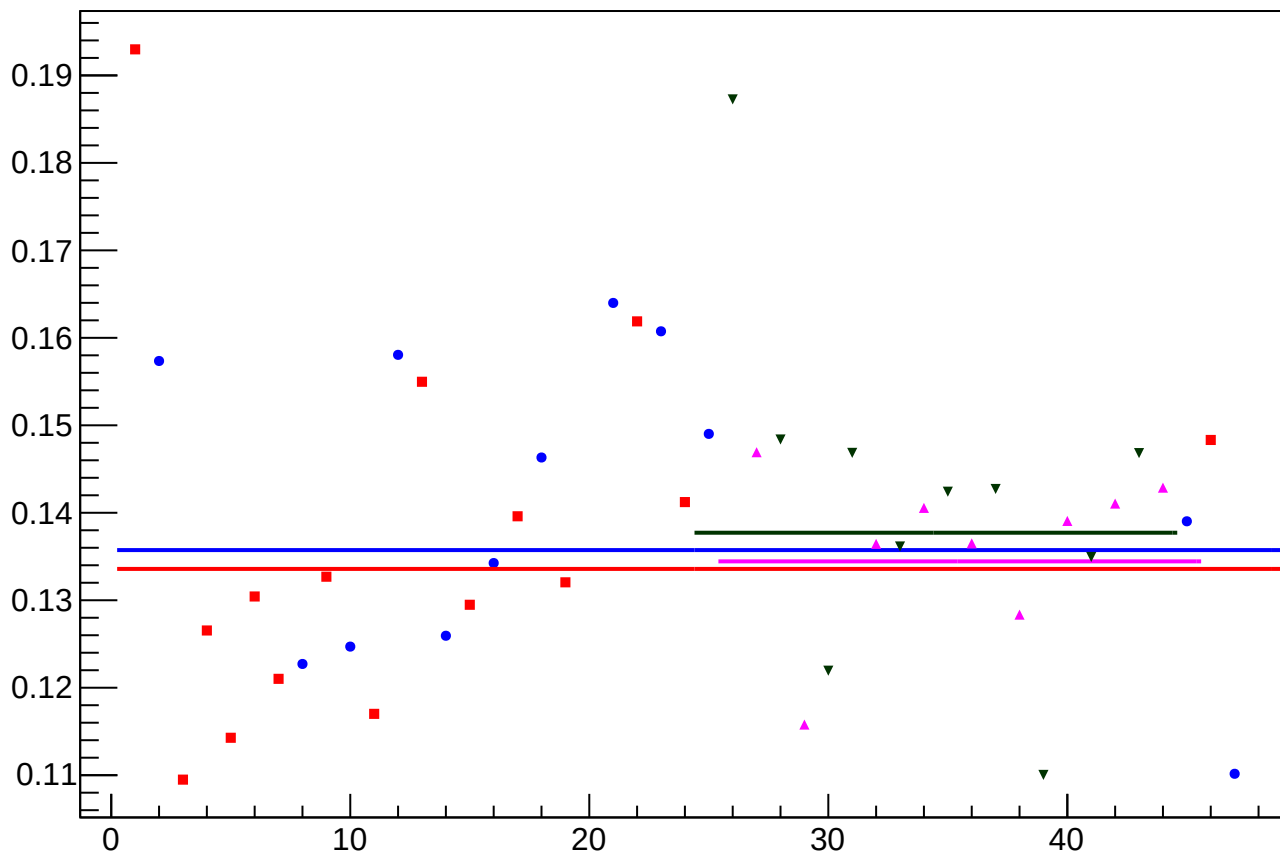
Left Out: 67.650+/-0.000 χ^2/NDF : 329789627.8/9

Right Out: 71.306+/-0.000 χ^2/NDF : 5819823836.9/14

Left In: 67.719+/-0.000 χ^2/NDF : 544113079.1/8

70.207+/-0.000 χ^2/NDF : 22551557051.6/45

yield_dsl_rms vs slug



Right In: 0.136+/-0.000 χ^2/NDF : 219701.2/11

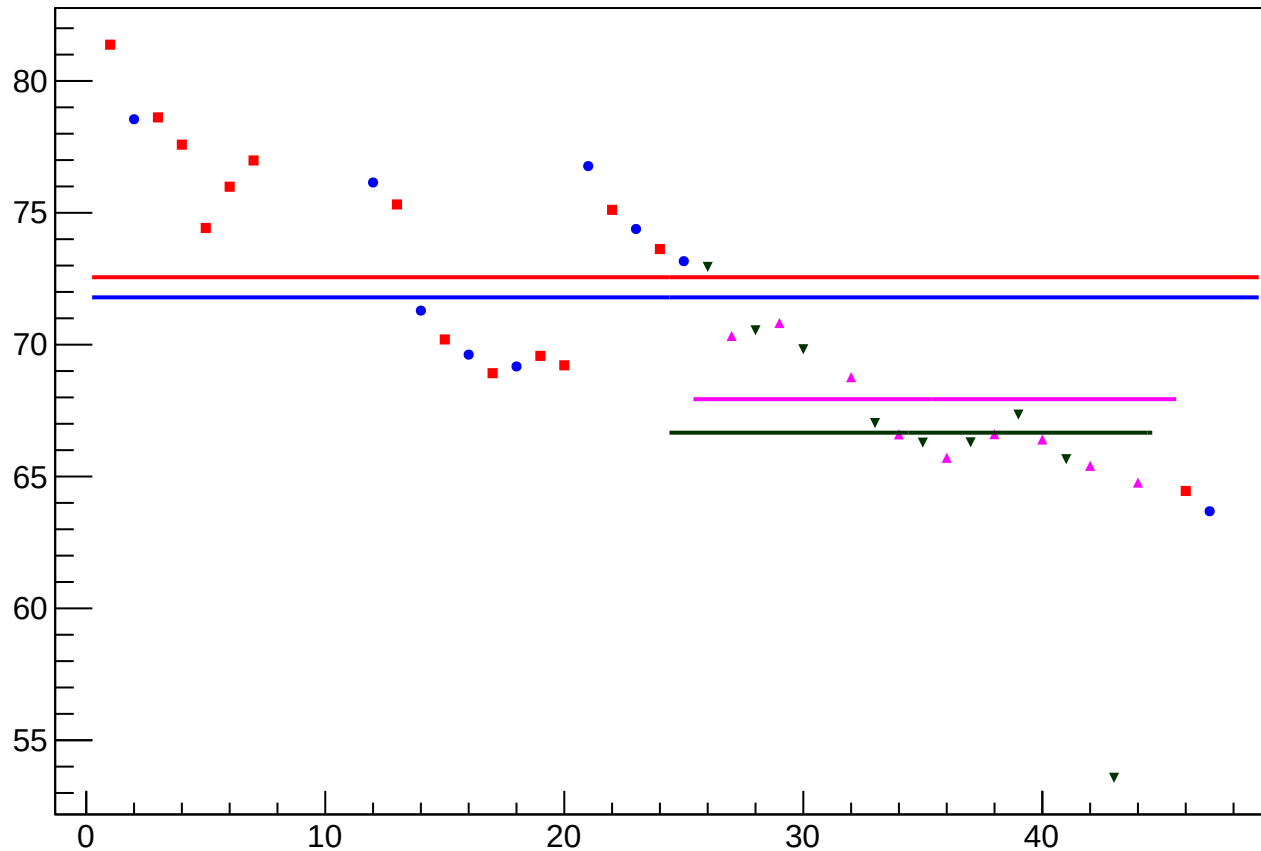
Left Out: 0.138+/-0.000 χ^2/NDF :153609.8/9

Right Out: 0.134+/-0.000 χ^2/NDF : 232241.3/14

Left In: 0.134+/-0.000 χ^2/NDF :63499.7/8

0.135+/-0.000 χ^2/NDF : 674877.3/45

yield_dsr_mean vs slug



Right In: 71.794 $\pm$ 0.000 χ^2 /NDF: 15220414712.1/8

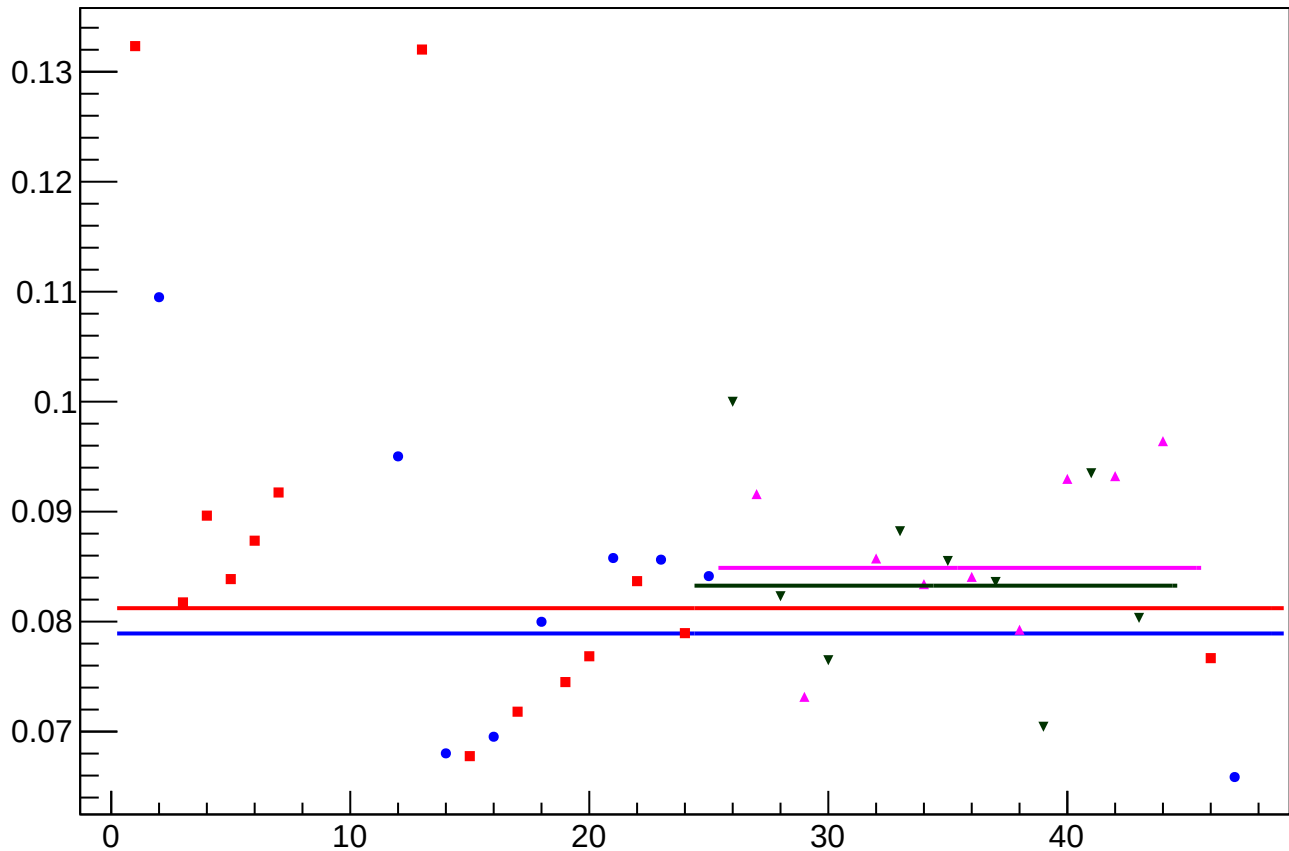
Left Out: 66.663 $\pm$ 0.000 χ^2 /NDF: 15457516618.3/8

Right Out: 72.558 $\pm$ 0.000 χ^2 /NDF: 14838246001.5/13

Left In: 67.934 $\pm$ 0.000 χ^2 /NDF: 3365329258.9/8

69.997 $\pm$ 0.000 χ^2 /NDF: 66924197957.5/40

yield_dsr_rms vs slug



Right In: 0.079+/-0.000 χ^2/NDF : 290766.1/8

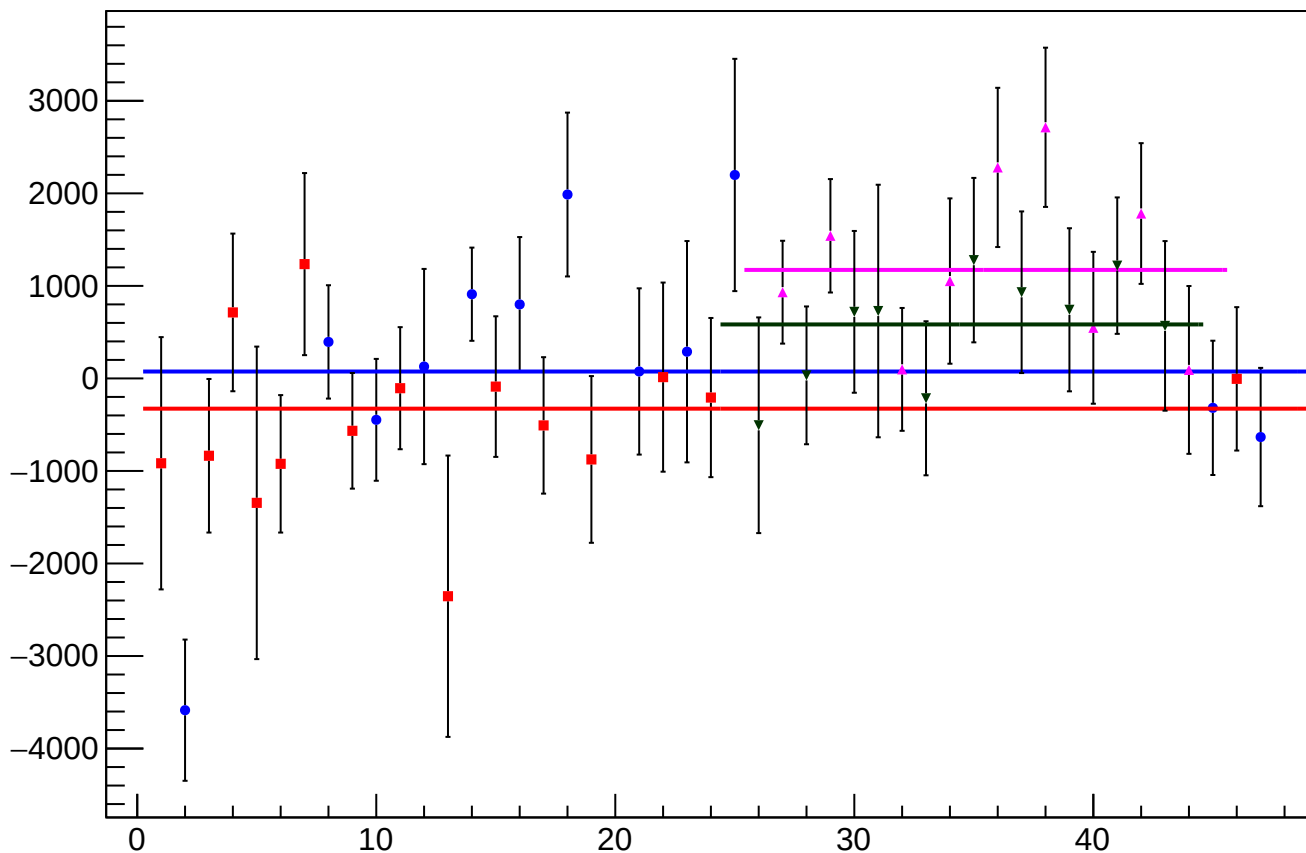
Left Out: 0.083+/-0.000 χ^2/NDF : 78459.0/8

0.082+/-0.000 χ^2/NDF : 806462.6/40

Right Out: 0.081+/-0.000 χ^2/NDF : 325918.0/13

Left In: 0.085+/-0.000 χ^2/NDF : 81161.1/8

asym_usl_mean vs slug



Right In: 74.586 ± 218.451 $\chi^2/\text{NDF}: 36.4/11$

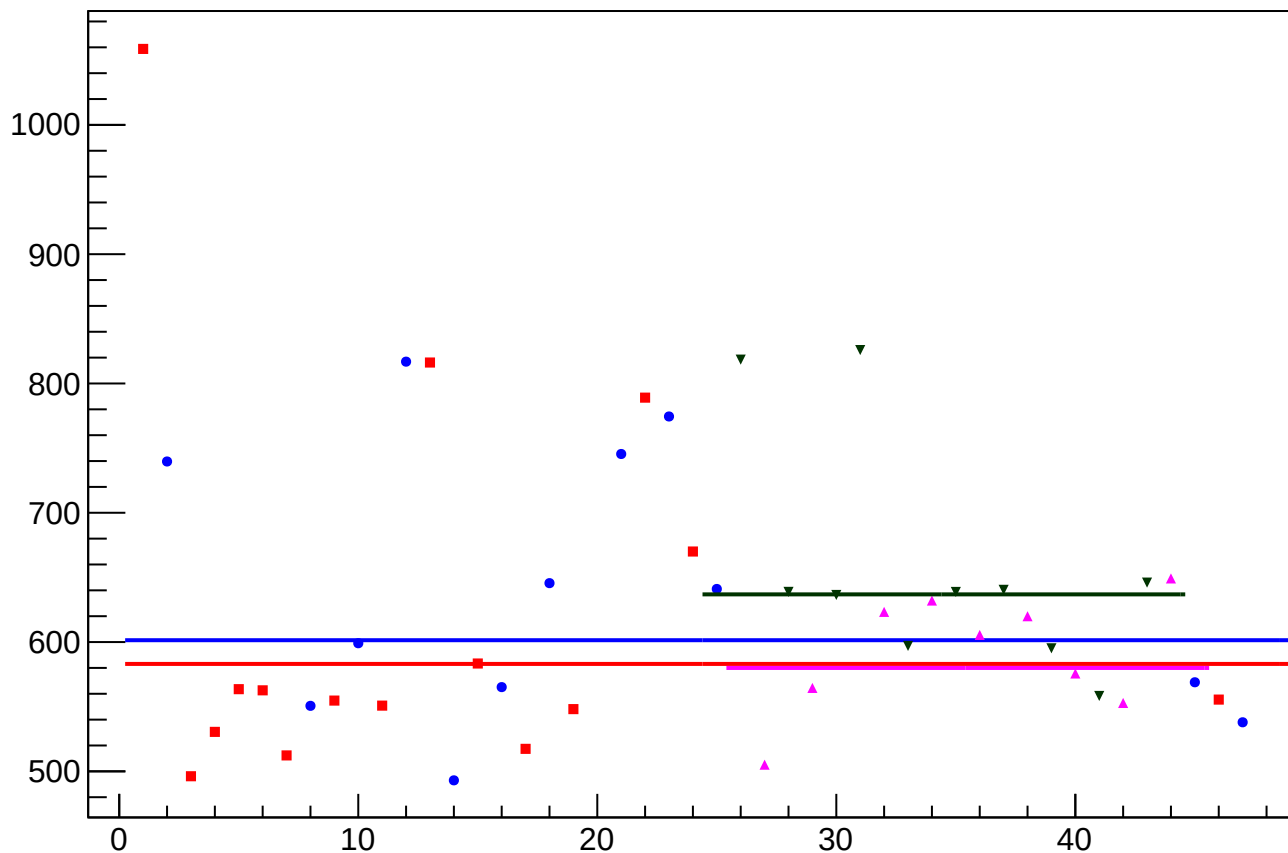
Left Out: 583.462 ± 280.347 $\chi^2/\text{NDF}: 3.9/9$

Right Out: -326.786 ± 220.154 $\chi^2/\text{NDF}: 8.5/14$

Left In: 1172.698 ± 245.790 $\chi^2/\text{NDF}: 10.7/8$

305.597 ± 118.792 $\chi^2/\text{NDF}: 82.3/45$

asym_usl_rms vs slug



Right In: 601.426+/-0.154 χ^2/NDF : 379108.3/11

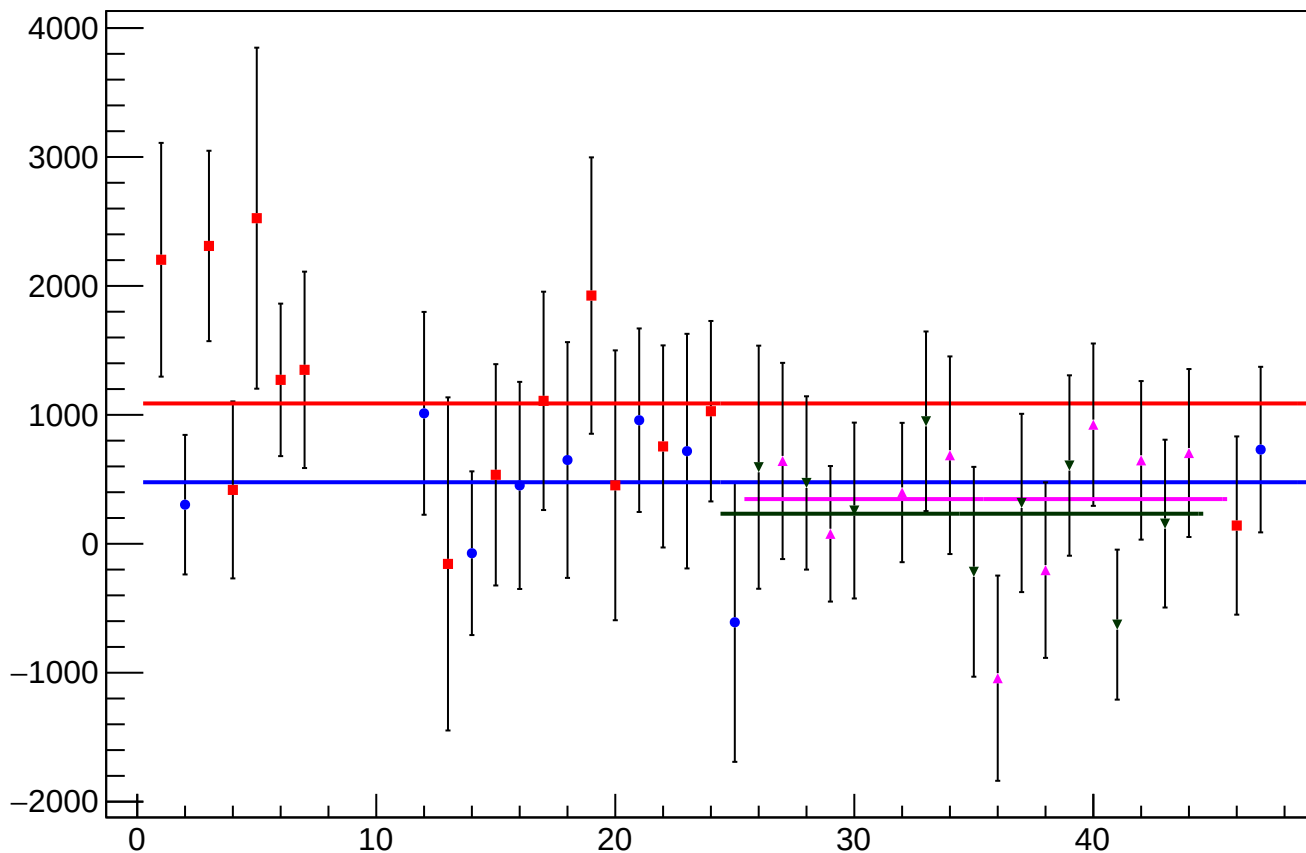
Left Out: 636.880+/-0.198 χ^2/NDF : 118921.2/9

Right Out: 583.085+/-0.156 χ^2/NDF : 464141.8/14

Left In: 579.969+/-0.174 χ^2/NDF : 73201.0/8

597.440+/-0.084 χ^2/NDF : 1094230.9/45

asym_usr_mean vs slug



Right In: 477.433 ± 244.563 $\chi^2/\text{NDF}: 3.0/8$

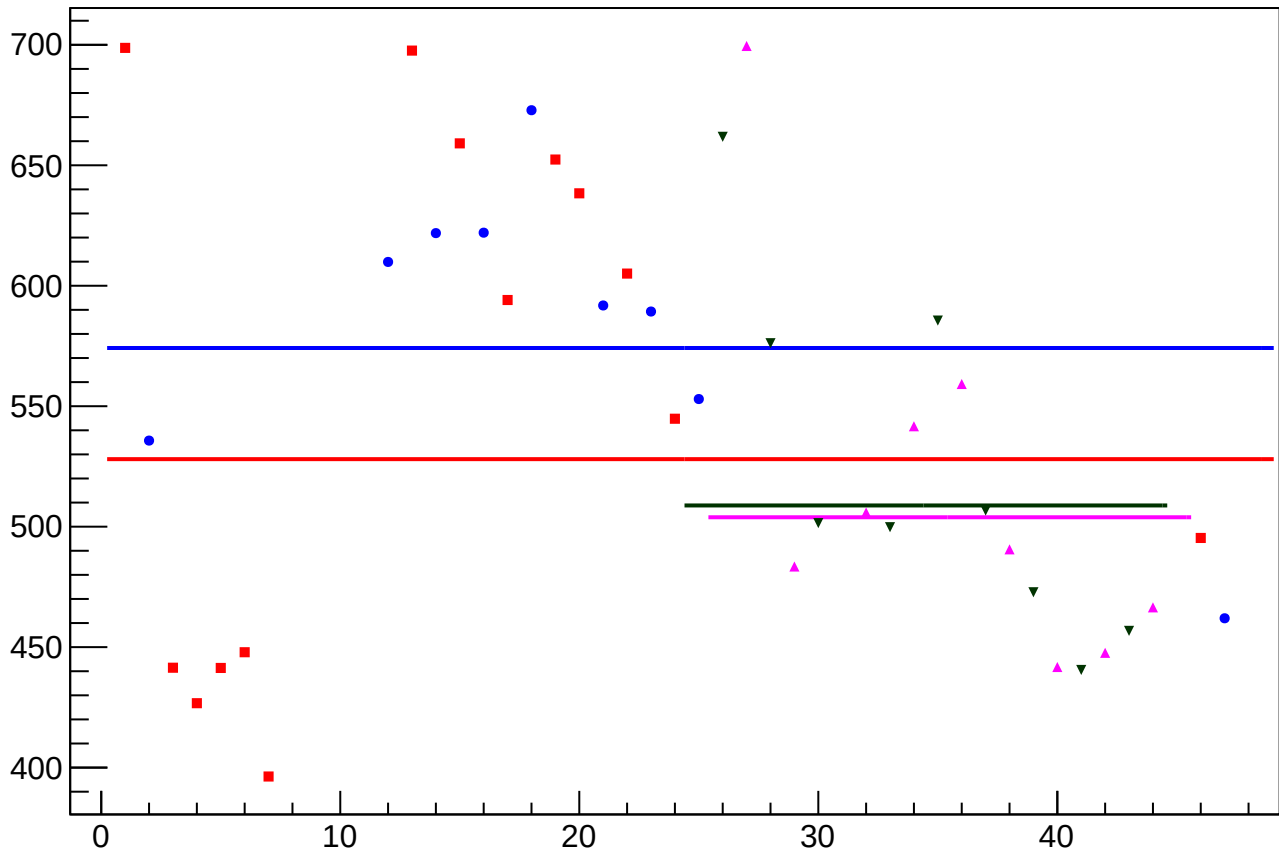
Left Out: 233.170 ± 232.417 $\chi^2/\text{NDF}: 4.1/8$

Right Out: 1088.457 ± 217.046 $\chi^2/\text{NDF}: 11.0/13$

Left In: 346.725 ± 214.500 $\chi^2/\text{NDF}: 5.7/8$

549.149 ± 113.088 $\chi^2/\text{NDF}: 32.9/40$

asym_usr_rms vs slug



Right In: 574.164 ± 0.173 χ^2/NDF : 119511.5/8

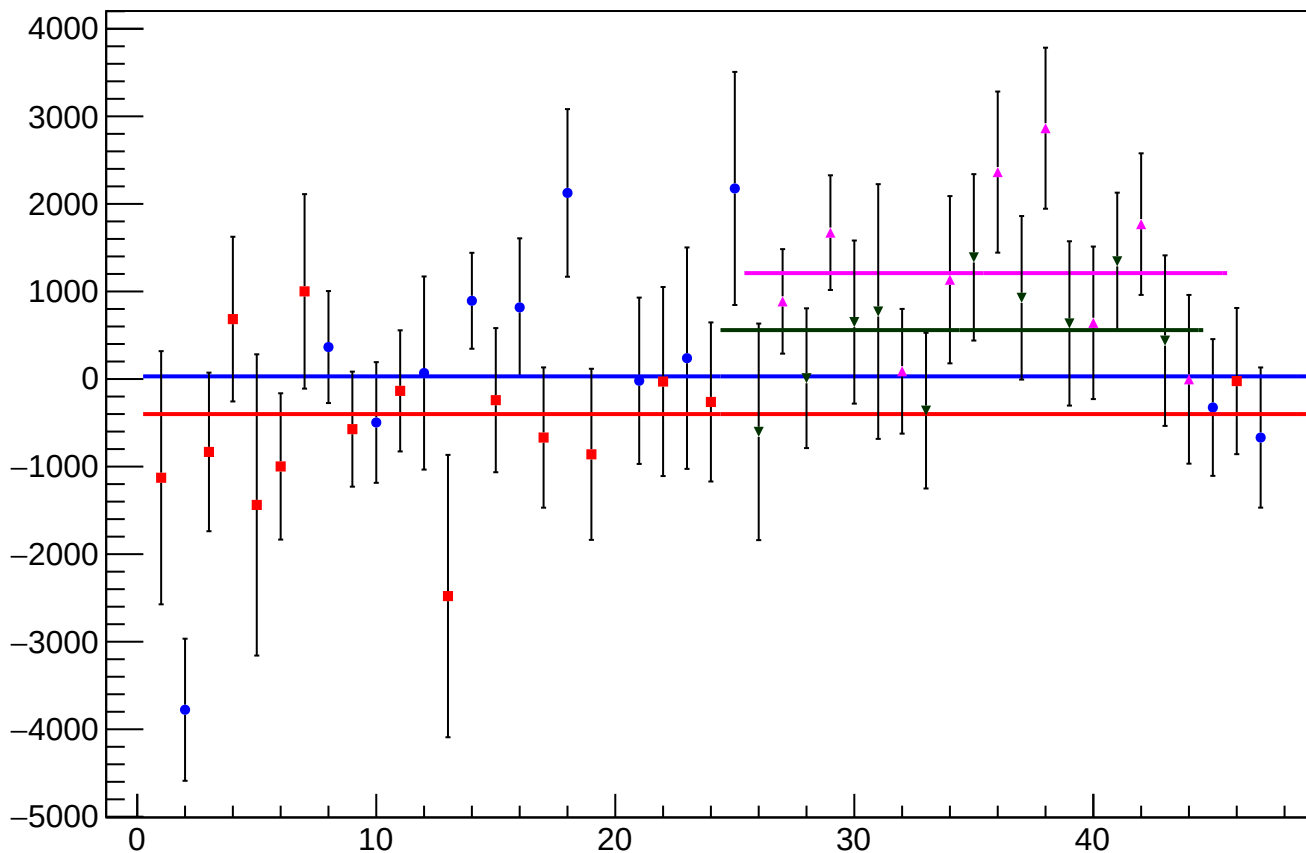
Left Out: 508.808 ± 0.164 χ^2/NDF : 136801.2/8

Right Out: 528.029 ± 0.153 χ^2/NDF : 414509.8/13

Left In: 503.904 ± 0.152 χ^2/NDF : 193348.2/8

526.637 ± 0.080 χ^2/NDF : 974019.1/40

asym_dsl_mean vs slug



Right In: 30.345 $\pm$ 233.003 χ^2 /NDF: 34.7/11

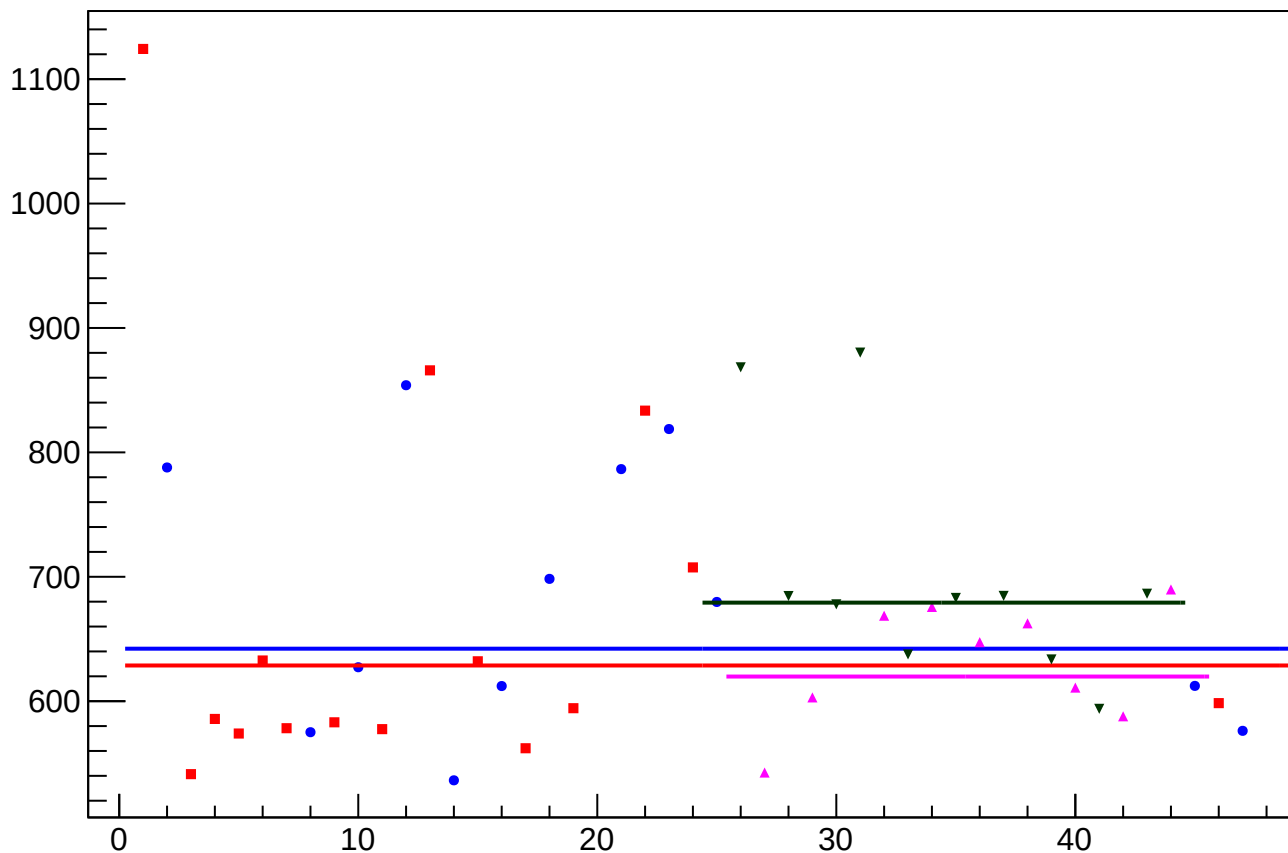
Left Out: 558.792 $\pm$ 298.984 χ^2 /NDF: 4.4/9

Right Out: -400.364 $\pm$ 237.090 χ^2 /NDF: 6.9/14

Left In: 1209.630 $\pm$ 262.642 χ^2 /NDF: 10.6/8

278.276 $\pm$ 127.110 χ^2 /NDF: 79.4/45

asym_dsl_rms vs slug



Right In: 642.206+/-0.165 χ^2/NDF : 348830.5/11

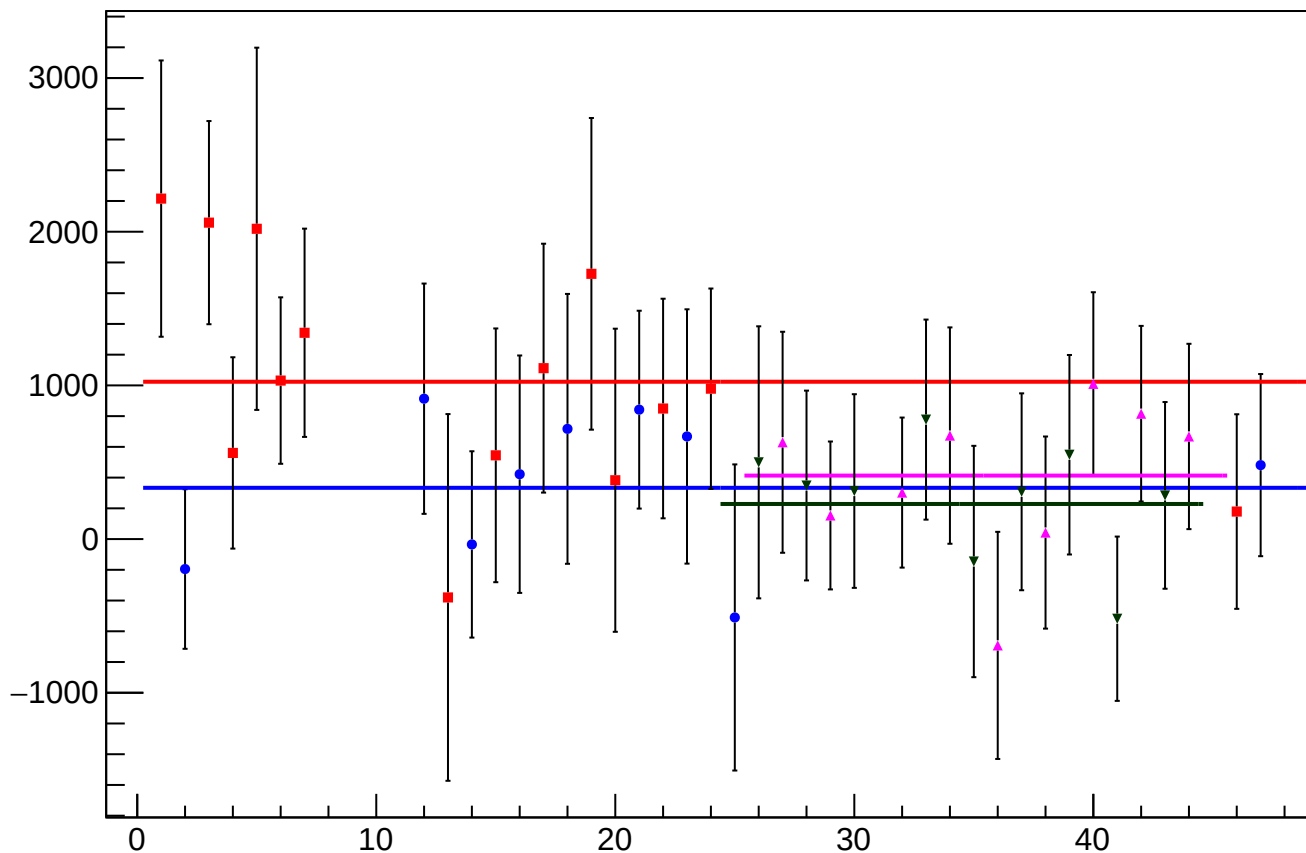
Left Out: 679.225+/-0.211 χ^2/NDF : 118094.6/9

Right Out: 628.704+/-0.168 χ^2/NDF : 433886.9/14

Left In: 619.818+/-0.186 χ^2/NDF : 71055.6/8

639.772+/-0.090 χ^2/NDF : 1022813.0/45

asym_dsr_mean vs slug



Right In: 333.591 ± 229.936 χ^2/NDF : 3.8/8

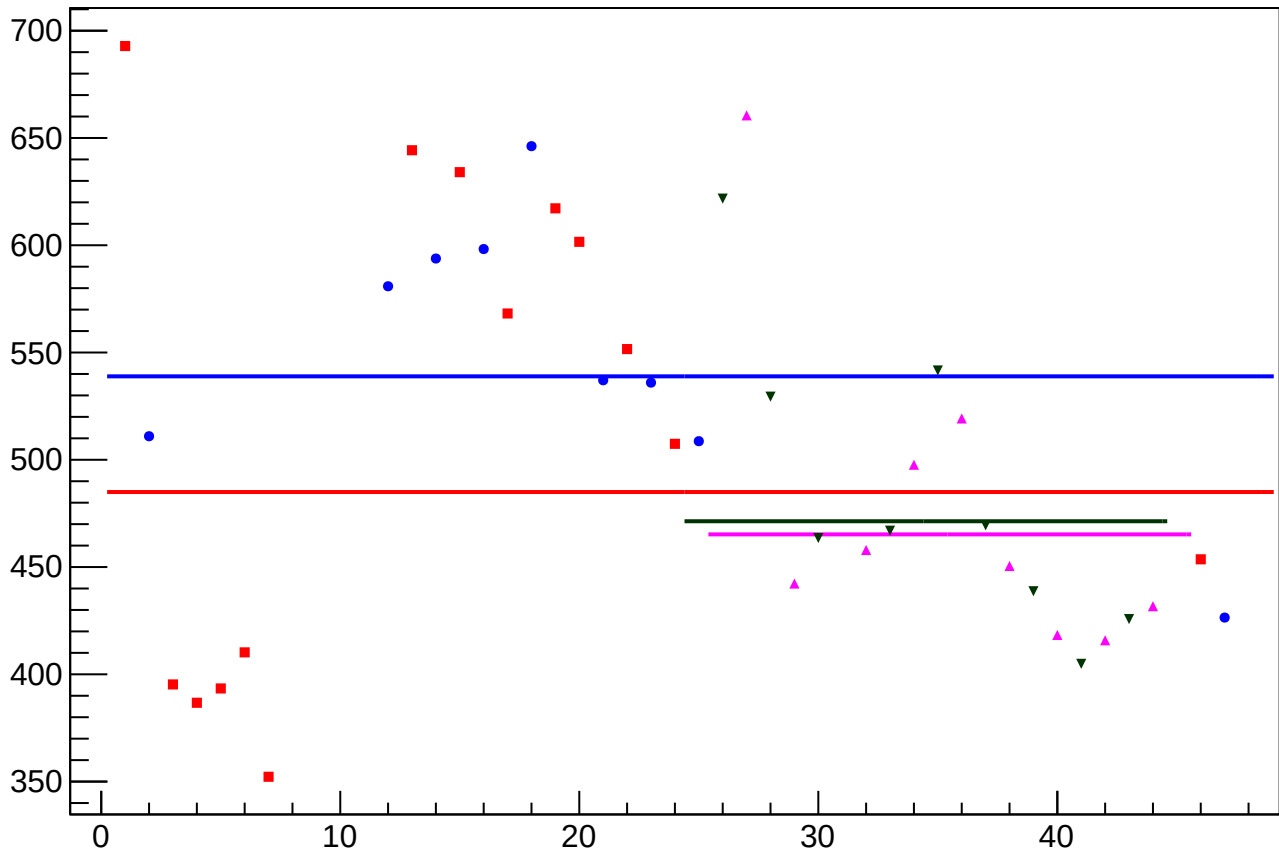
Left Out: 228.398 ± 215.357 χ^2/NDF : 3.3/8

Right Out: 1023.799 ± 200.339 χ^2/NDF : 10.2/13

Left In: 413.135 ± 198.102 χ^2/NDF : 4.8/8

520.178 ± 104.902 χ^2/NDF : 31.2/40

asym_dsr_rms vs slug



Right In: 538.892+/-0.163 χ^2/NDF : 144015.0/8

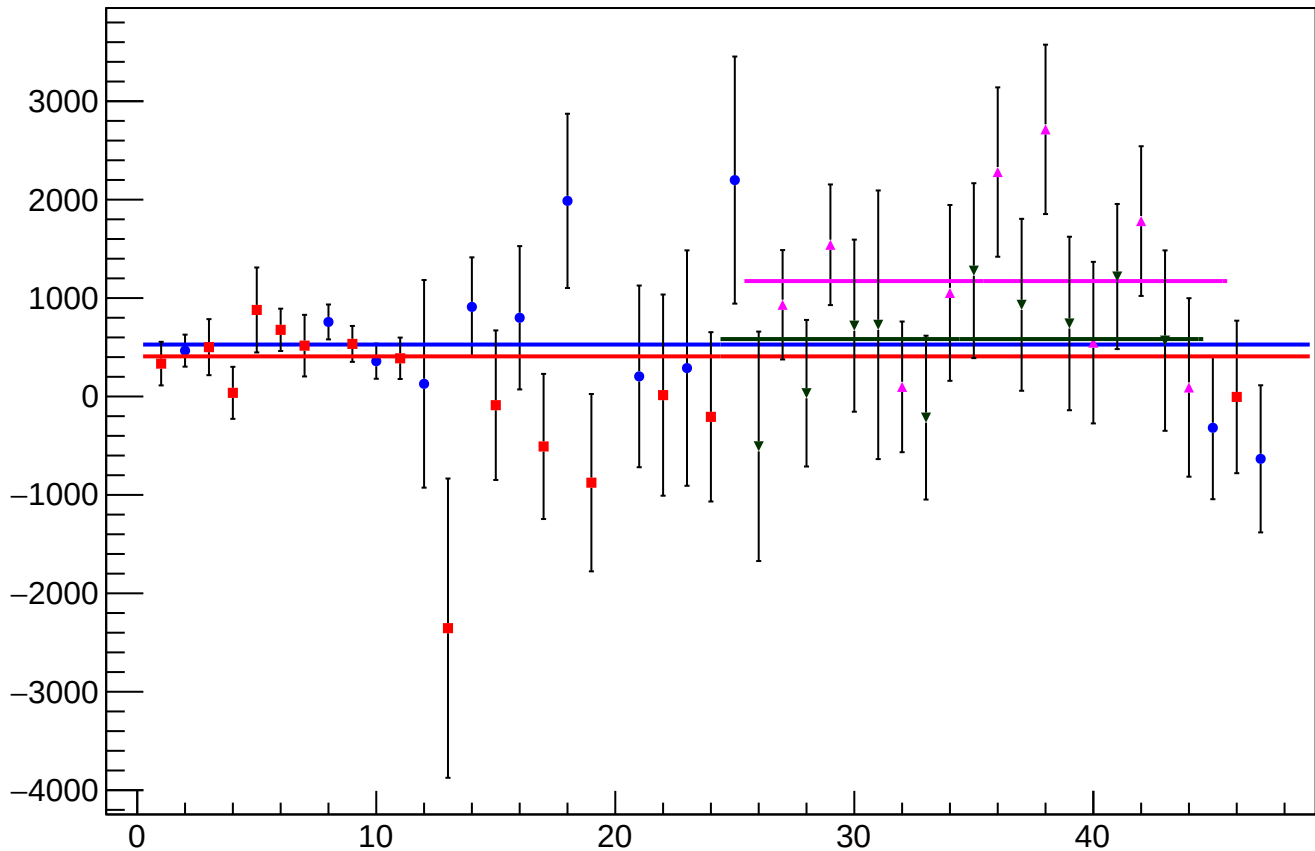
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

Right Out: 484.974+/-0.142 χ^2/NDF : 529125.5/13

Left In: 465.224+/-0.140 χ^2/NDF : 202021.5/8

487.425+/-0.074 χ^2/NDF : 1152451.3/40

cor_usl_mean vs slug



Right In: 527.706 $\pm$ 93.180 χ^2 /NDF: 12.0/11

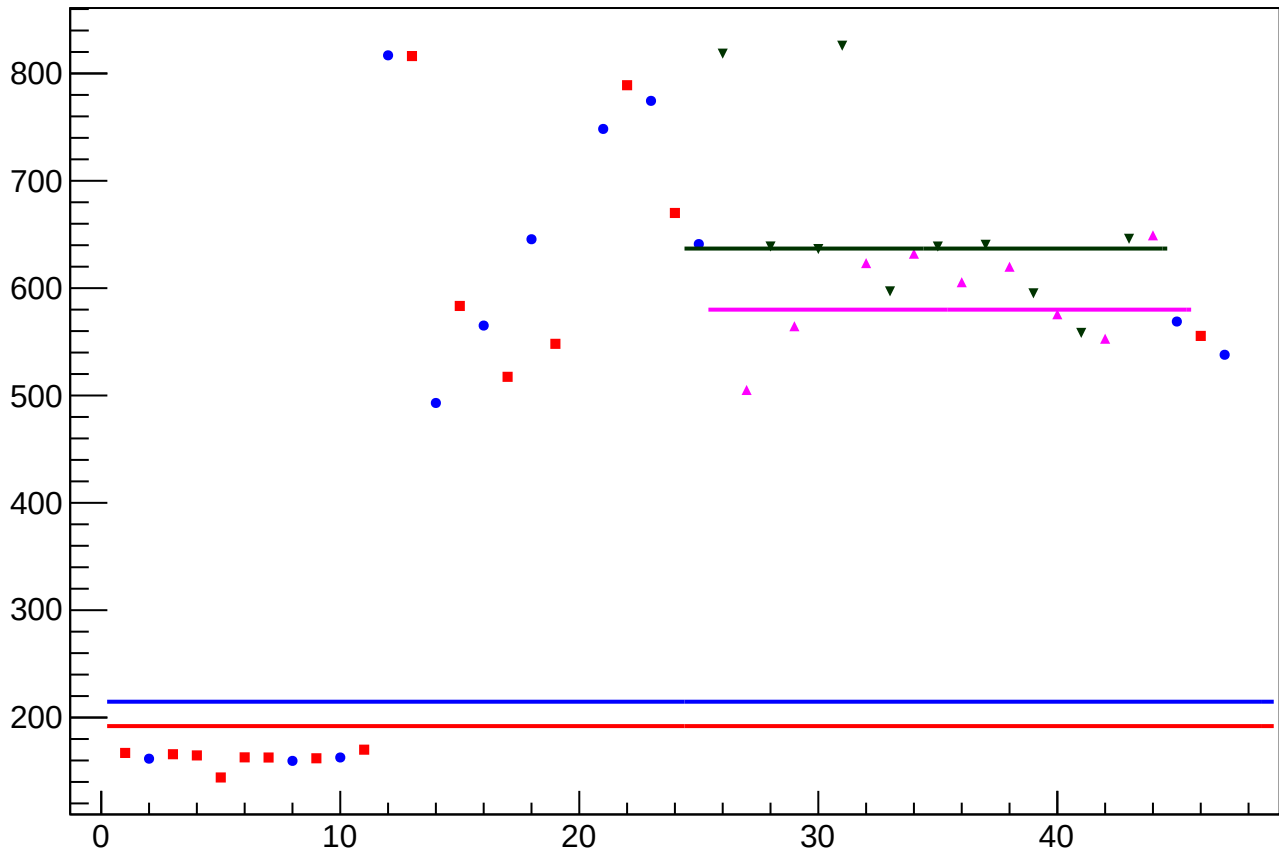
Left Out: 583.462 $\pm$ 280.347 χ^2 /NDF: 3.9/9

Right Out: 407.505 $\pm$ 82.718 χ^2 /NDF: 13.8/14

Left In: 1172.698 $\pm$ 245.790 χ^2 /NDF: 10.7/8

506.435 $\pm$ 58.661 χ^2 /NDF: 49.3/45

cor_usl_rms vs slug



Right In: 214.742 $\pm$ 0.066 χ^2 /NDF: 4962289.0/11

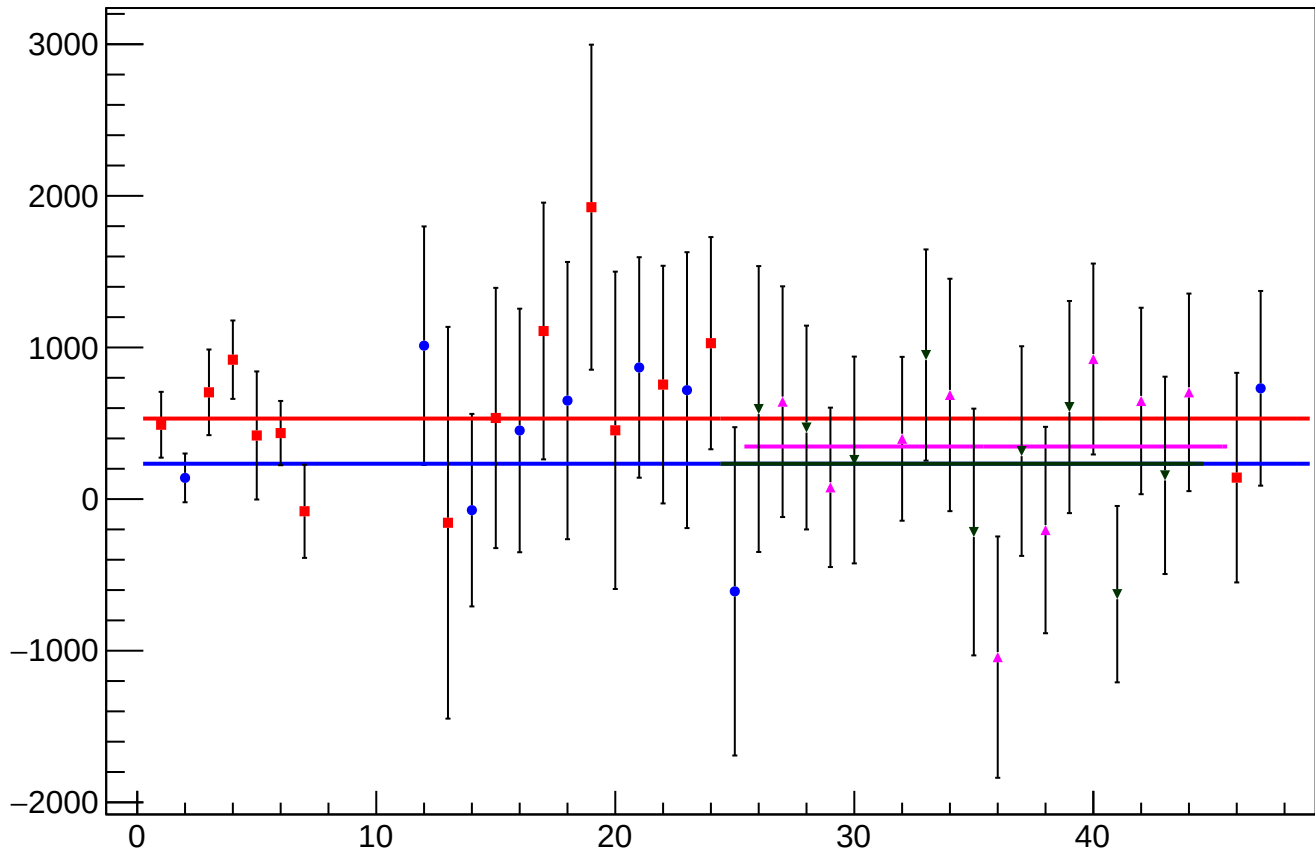
Left Out: 636.880 $\pm$ 0.198 χ^2 /NDF: 118921.2/9

242.604 $\pm$ 0.041 χ^2 /NDF: 17333007.6/45

Right Out: 192.026 $\pm$ 0.058 χ^2 /NDF: 3528294.3/14

Left In: 579.969 $\pm$ 0.174 χ^2 /NDF: 73201.0/8

cor_usr_mean vs slug



Right In: 233.227 $\pm$ 138.806 χ^2 /NDF: 4.1/8

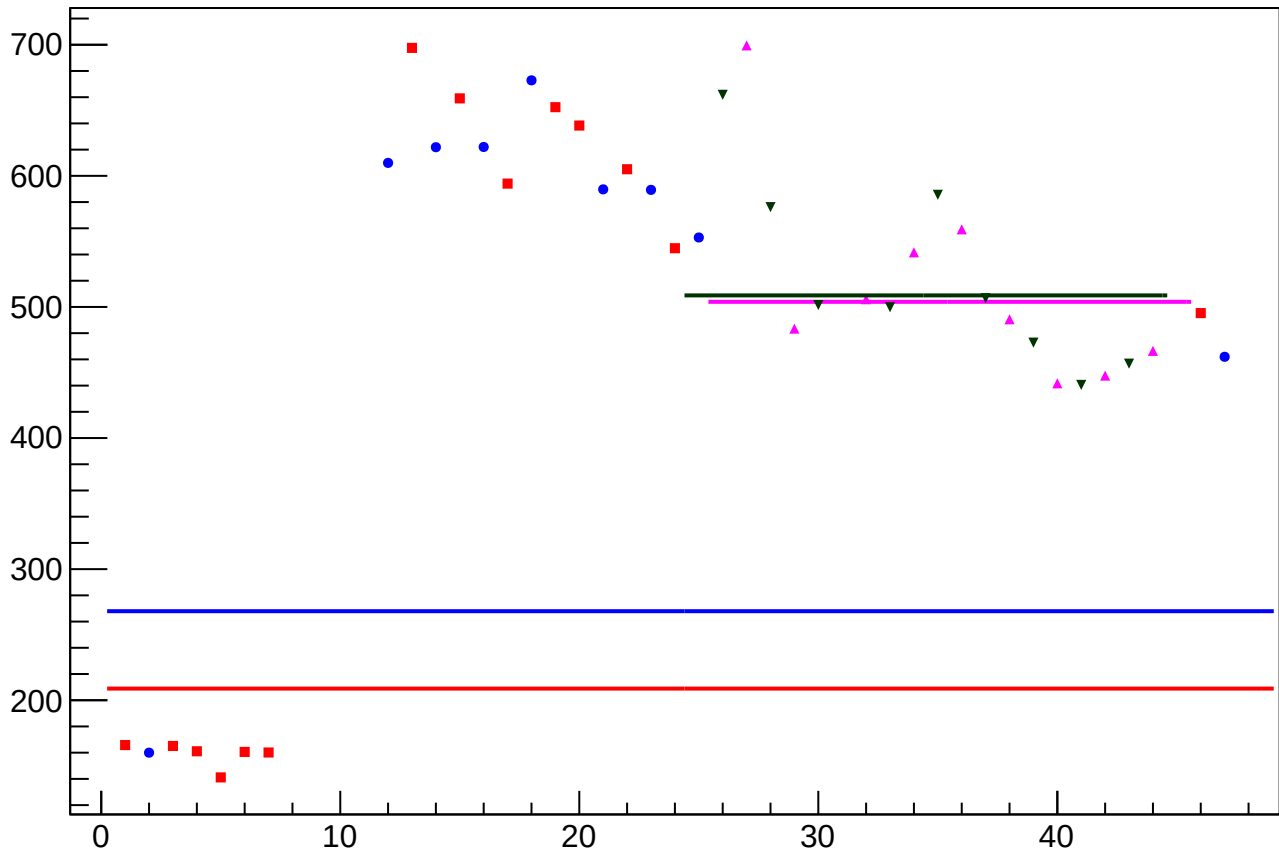
Left Out: 233.170 $\pm$ 232.417 χ^2 /NDF:4.1/8

399.784 $\pm$ 72.507 χ^2 /NDF: 27.9/40

Right Out: 531.151 $\pm$ 100.983 χ^2 /NDF: 10.2/13

Left In: 346.725 $\pm$ 214.500 χ^2 /NDF:5.7/8

cor_usr_rms vs slug



Right In: 267.925+/-0.098 χ^2/NDF : 3644348.1/8

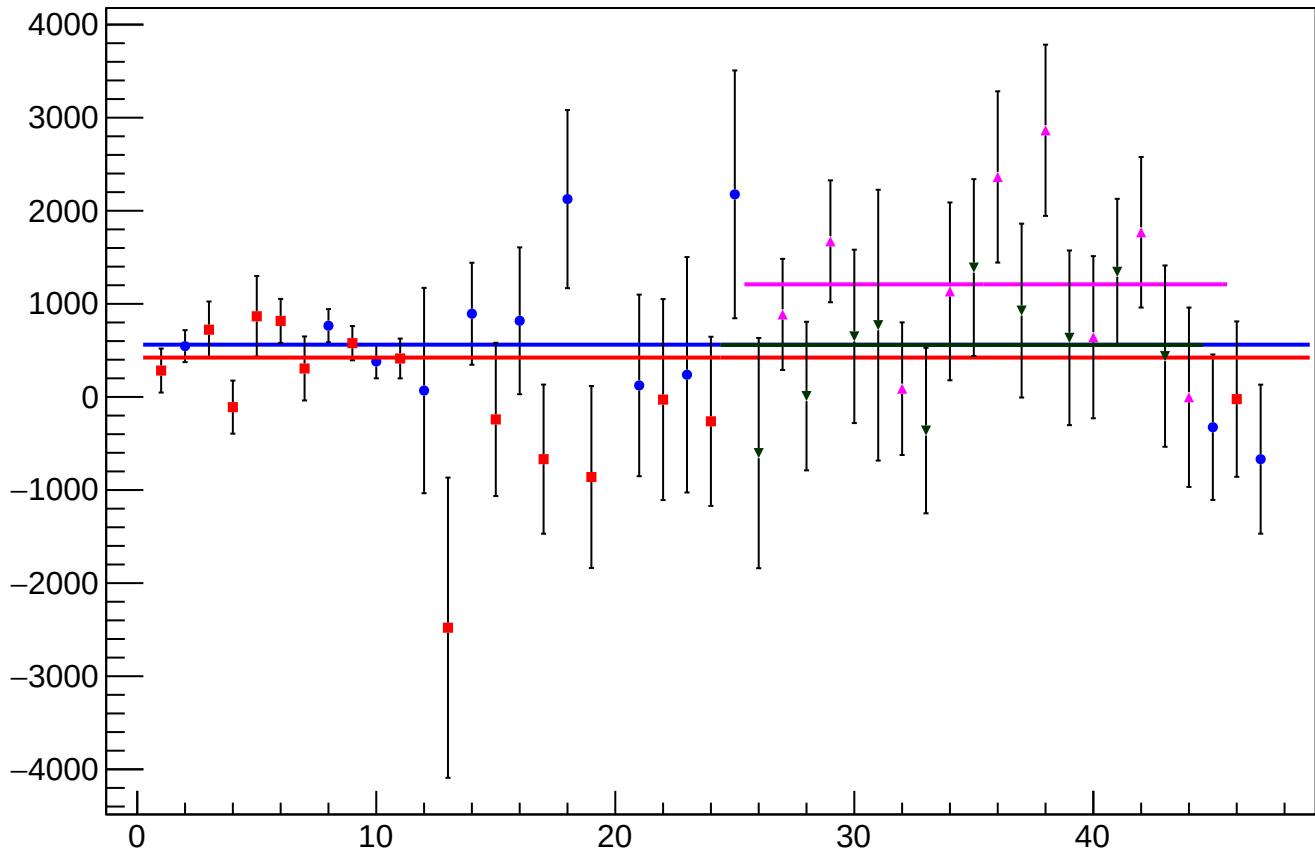
Left Out: 508.808+/-0.164 χ^2/NDF :136801.2/8

287.899+/-0.051 χ^2/NDF : 12721140.8/40

Right Out: 208.893+/-0.071 χ^2/NDF : 3646018.1/13

Left In: 503.904+/-0.152 χ^2/NDF :193348.2/8

cor_dsl_mean vs slug



Right In: 561.678 $\pm$ 96.010 χ^2 /NDF: 11.1/11

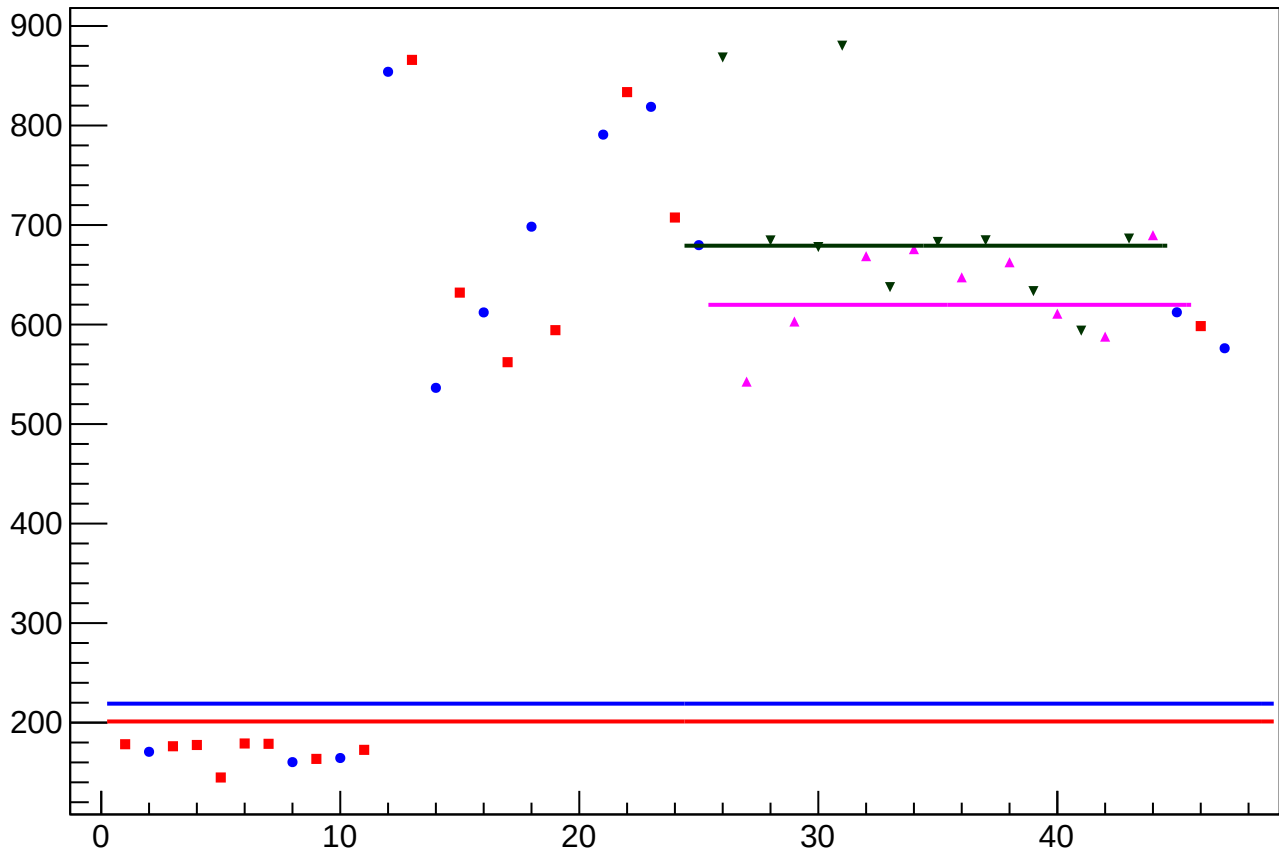
Left Out: 558.792 $\pm$ 298.984 χ^2 /NDF: 4.4/9

Right Out: 422.953 $\pm$ 86.968 χ^2 /NDF: 18.0/14

Left In: 1209.630 $\pm$ 262.642 χ^2 /NDF: 10.6/8

527.966 $\pm$ 61.270 χ^2 /NDF: 52.3/45

cor_dsl_rms vs slug



Right In: 219.056 ± 0.068 χ^2/NDF : 5174053.0/11

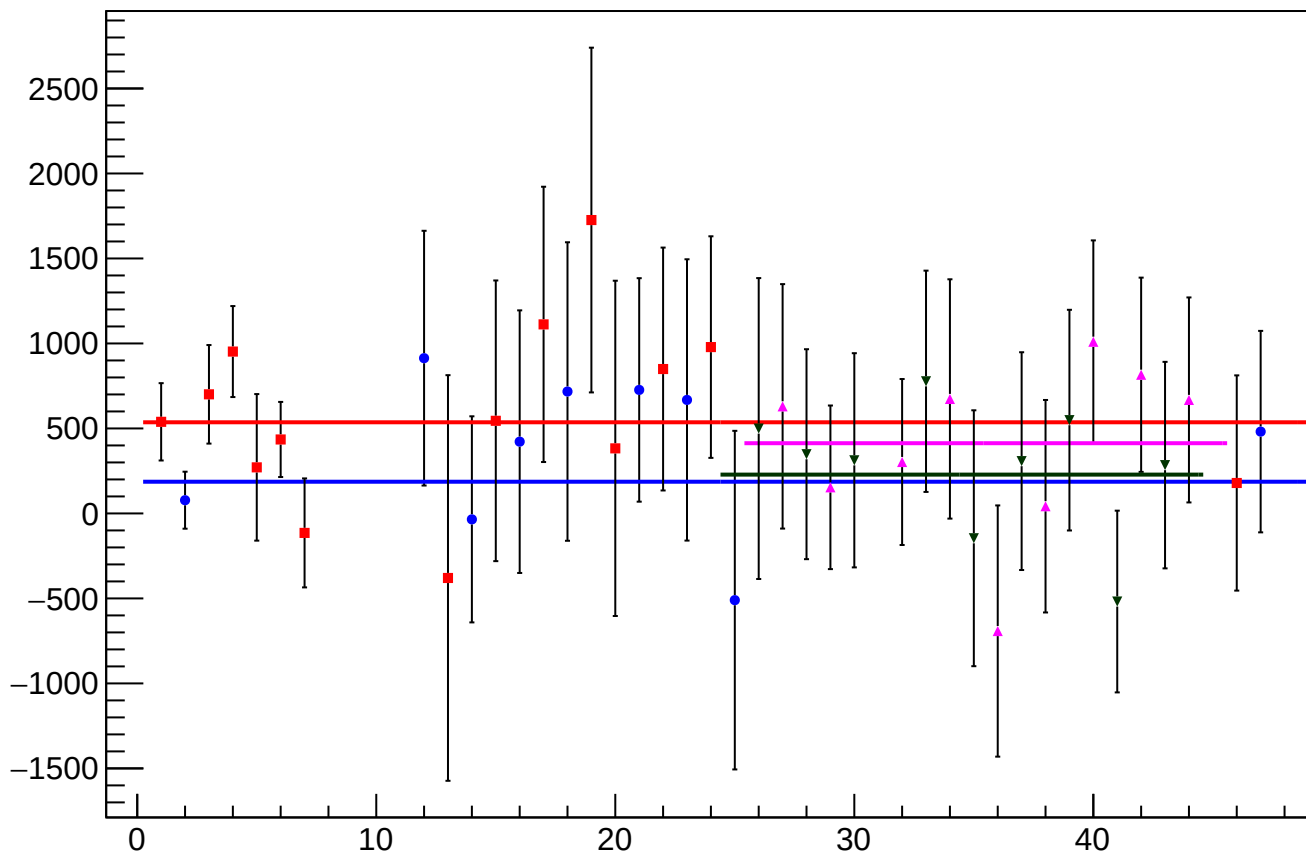
Left Out: 679.225 ± 0.211 χ^2/NDF : 118094.6/9

Right Out: 201.151 ± 0.061 χ^2/NDF : 3603917.9/14

Left In: 619.818 ± 0.186 χ^2/NDF : 71055.6/8

251.304 ± 0.043 χ^2/NDF : 17892237.4/45

cor_dsr_mean vs slug



Right In: 186.515 $\pm$ 140.472 χ^2 /NDF: 3.7/8

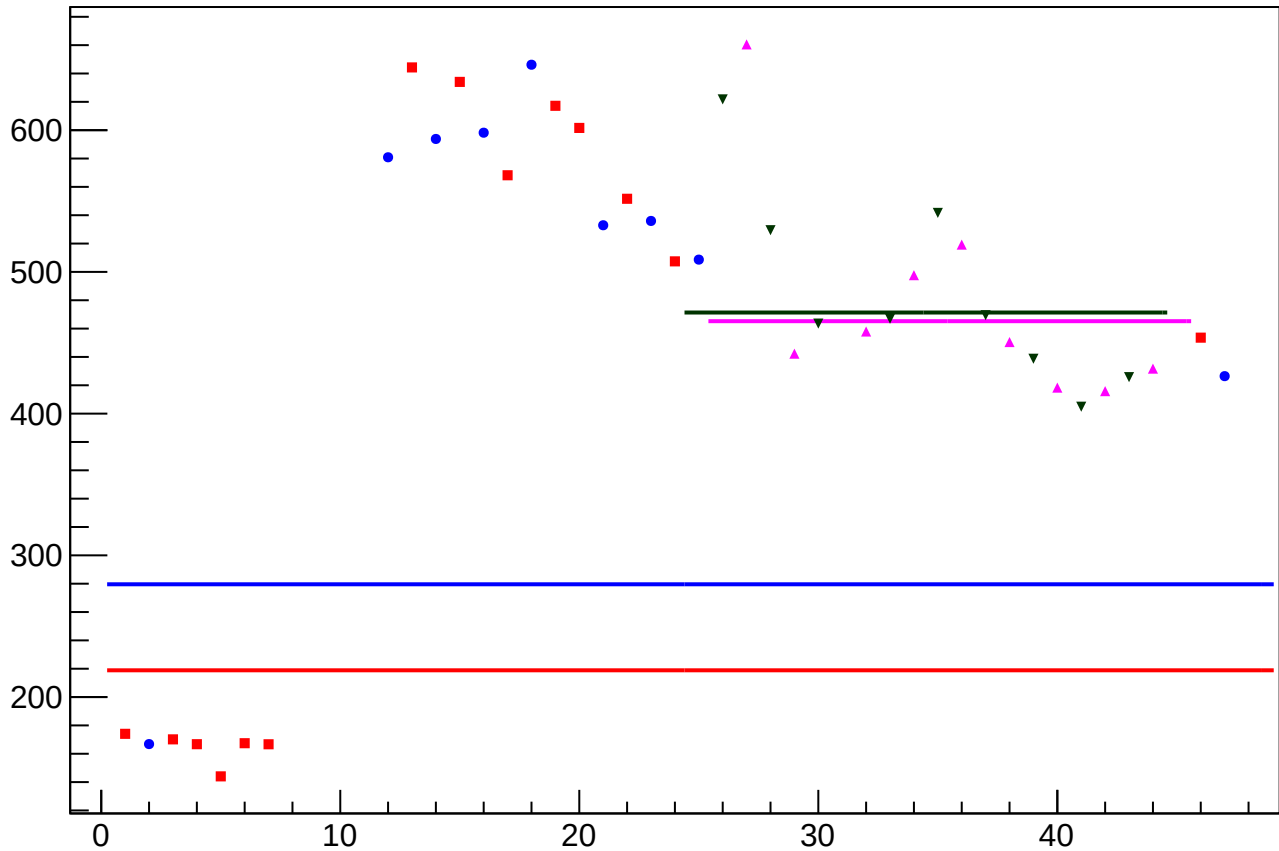
Left Out: 228.398 $\pm$ 215.357 χ^2 /NDF: 3.3/8

Right Out: 536.208 $\pm$ 103.540 χ^2 /NDF: 10.9/13

Left In: 413.135 $\pm$ 198.102 χ^2 /NDF: 4.8/8

392.257 $\pm$ 72.357 χ^2 /NDF: 27.4/40

cor_dsr_rms vs slug



Right In: 279.580+/-0.099 χ^2/NDF : 3171783.5/8

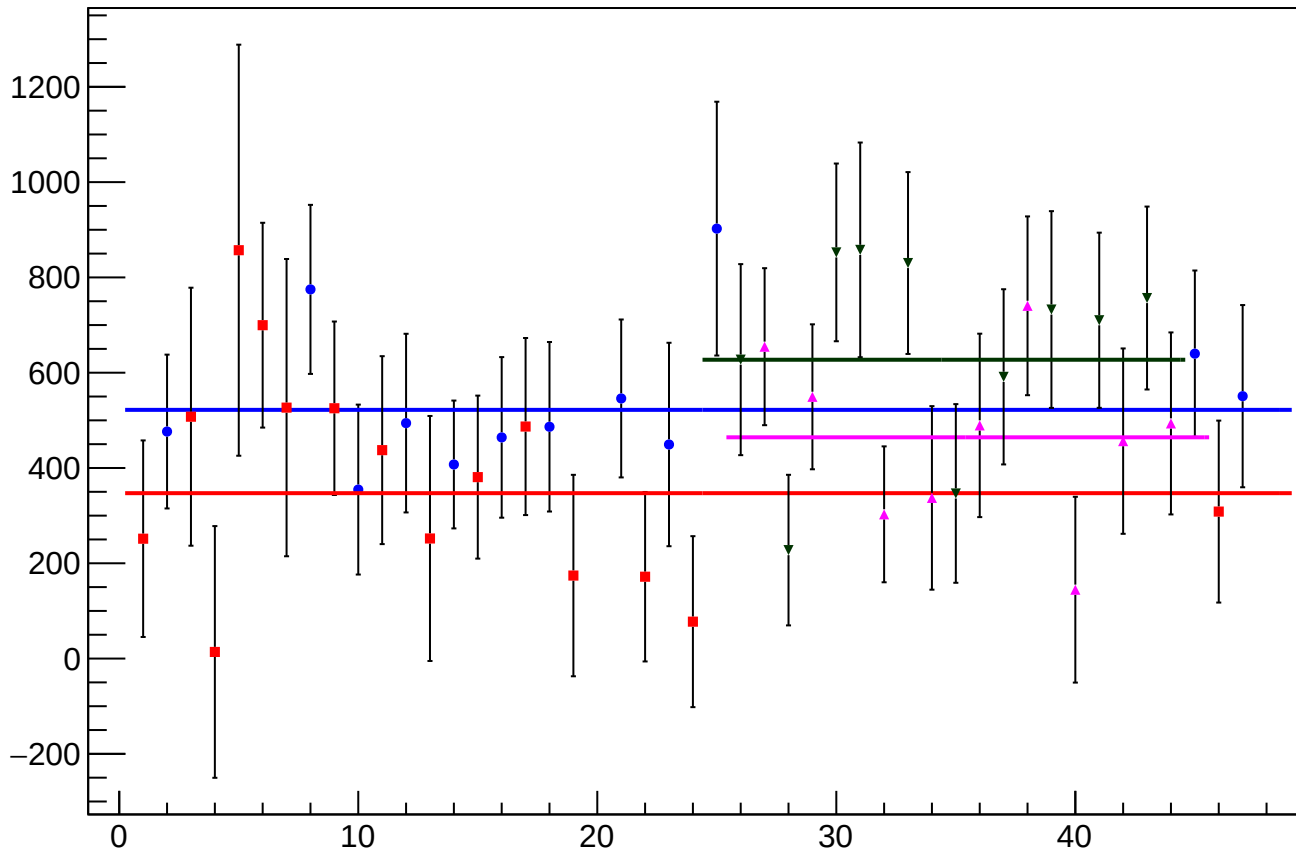
Left Out: 471.346+/-0.152 χ^2/NDF : 140520.2/8

296.353+/-0.051 χ^2/NDF : 10710602.3/40

Right Out: 218.885+/-0.073 χ^2/NDF : 3274307.0/13

Left In: 465.224+/-0.140 χ^2/NDF : 202021.5/8

reg_asym_usl_mean vs slug



Right In: 522.015 ± 50.965 $\chi^2/\text{NDF}: 6.6/11$

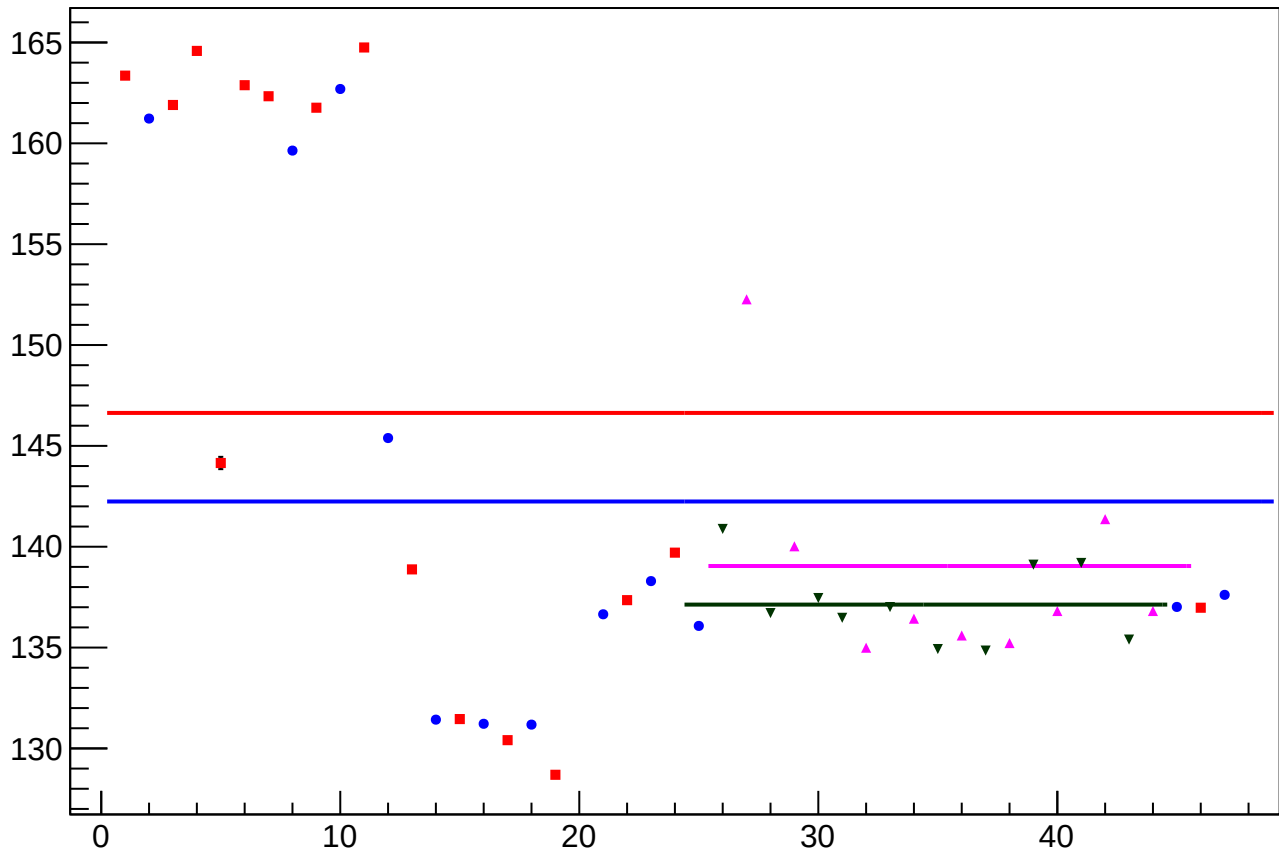
Left Out: 627.204 ± 59.866 $\chi^2/\text{NDF}: 13.2/9$

Right Out: 347.154 ± 54.606 $\chi^2/\text{NDF}: 12.4/14$

Left In: 464.385 ± 58.554 $\chi^2/\text{NDF}: 8.3/8$

486.306 ± 27.831 $\chi^2/\text{NDF}: 53.1/45$

reg_asym_usl_rms vs slug



Right In: 142.243+/-0.036 χ^2/NDF : 110046.0/11

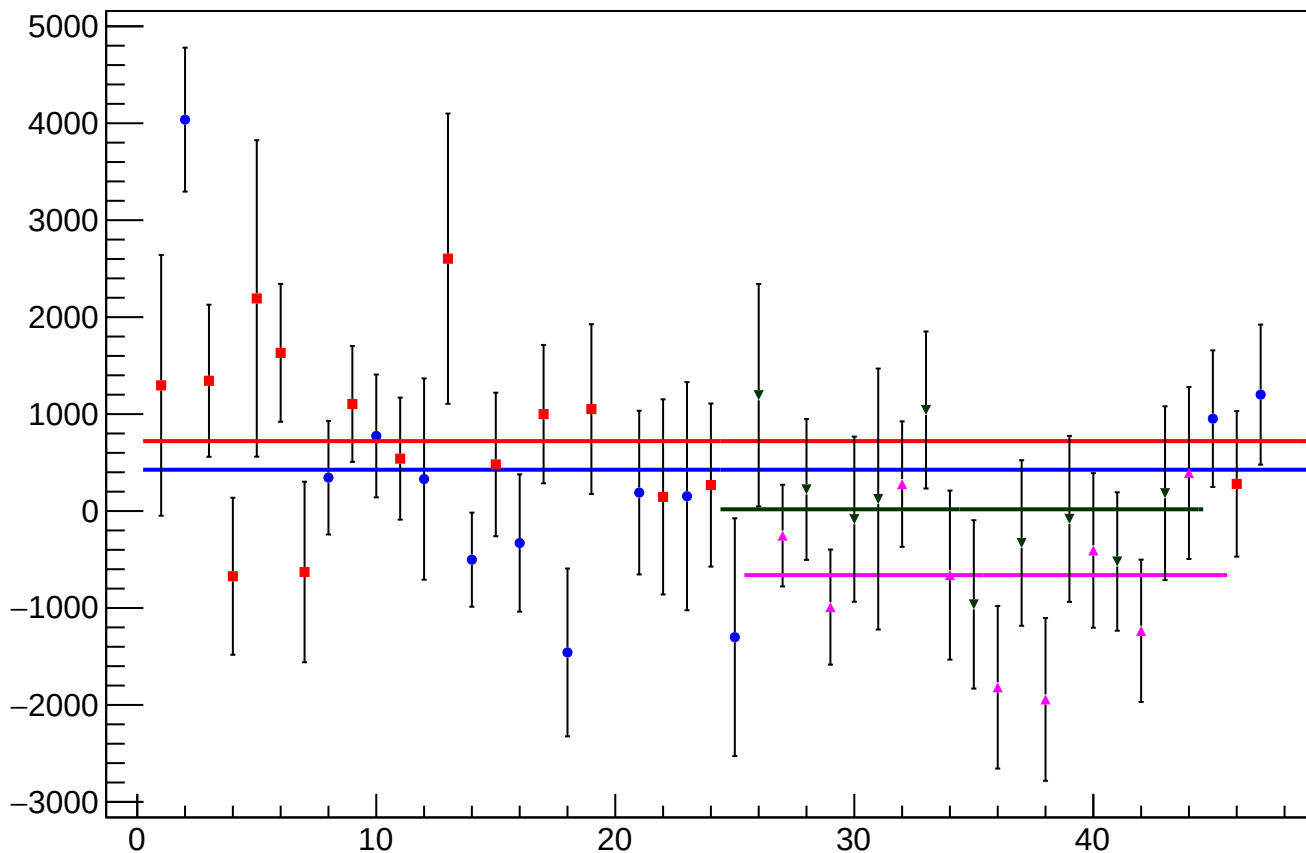
Left Out: 137.131+/-0.042 χ^2/NDF : 1921.5/9

141.556+/-0.020 χ^2/NDF : 298219.5/45

Right Out: 146.634+/-0.039 χ^2/NDF : 136752.5/14

Left In: 139.044+/-0.041 χ^2/NDF : 17233.5/8

asym_usl_correction_mean vs slug



Right In: 426.096 $\pm$ 211.063 χ^2 /NDF: 37.4/11

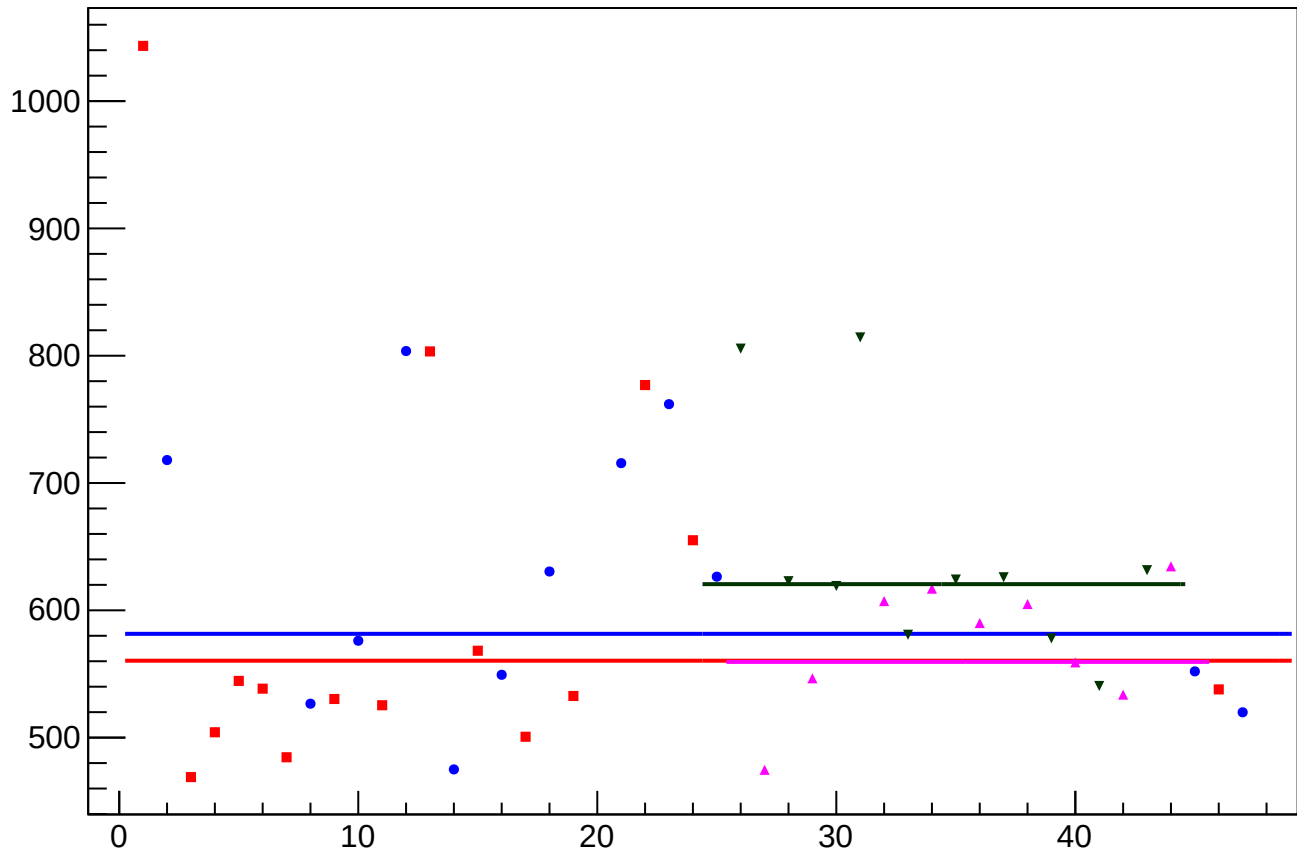
Left Out: 17.986 $\pm$ 273.379 χ^2 /NDF: 4.8/9

186.647 $\pm$ 114.859 χ^2 /NDF: 84.1/45

Right Out: 721.479 $\pm$ 211.988 χ^2 /NDF: 11.8/14

Left In: -660.987 $\pm$ 237.561 χ^2 /NDF: 9.4/8

asym_usl_correction_rms vs slug



Right In: 581.528+/-0.149 χ^2/NDF : 402004.2/11

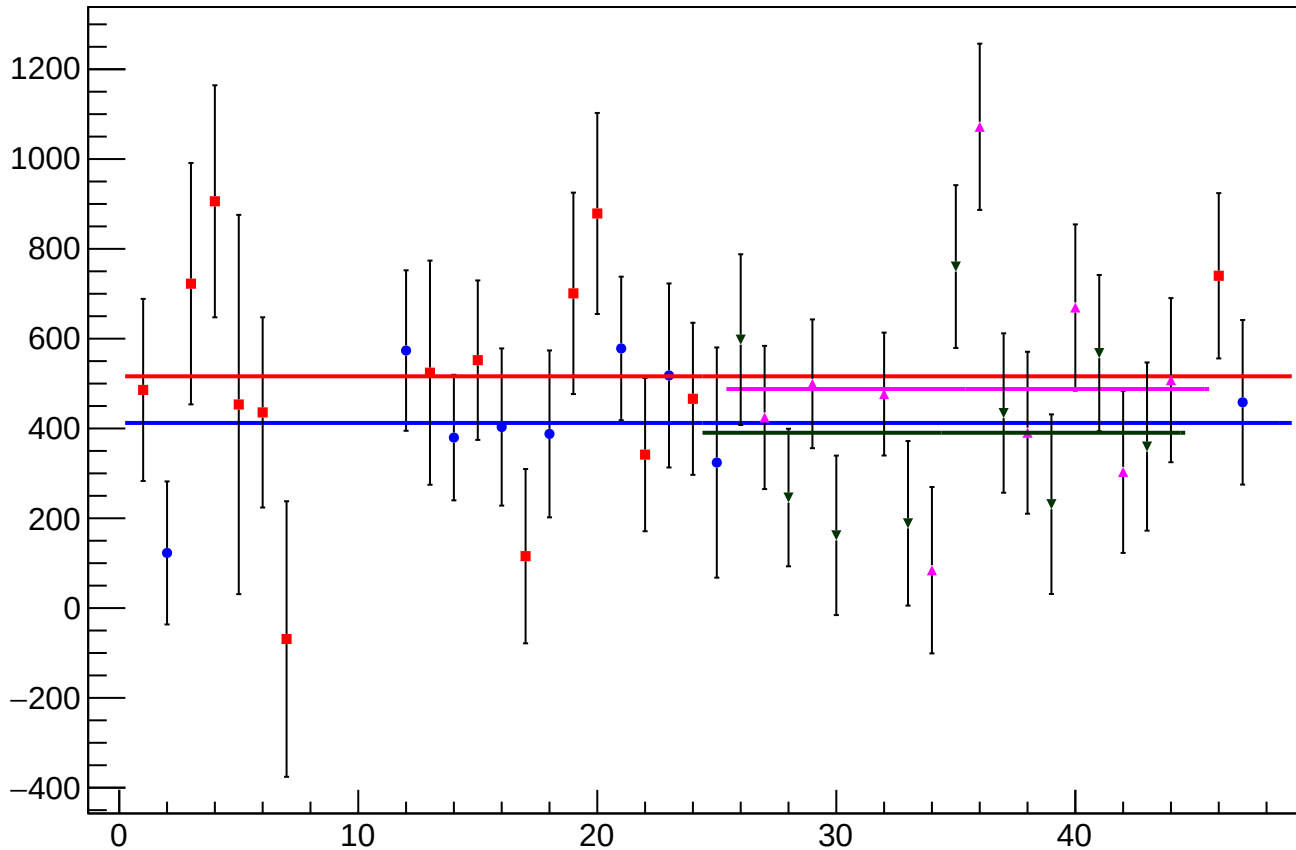
Left Out: 620.564+/-0.193 χ^2/NDF :128801.5/9

Right Out: 560.423+/-0.150 χ^2/NDF : 510035.1/14

Left In: 559.476+/-0.168 χ^2/NDF :98128.8/8

577.068+/-0.081 χ^2/NDF : 1213787.7/45

reg_asym_usr_mean vs slug



Right In: 412.319 $\pm$ 58.577 χ^2 /NDF: 5.7/8

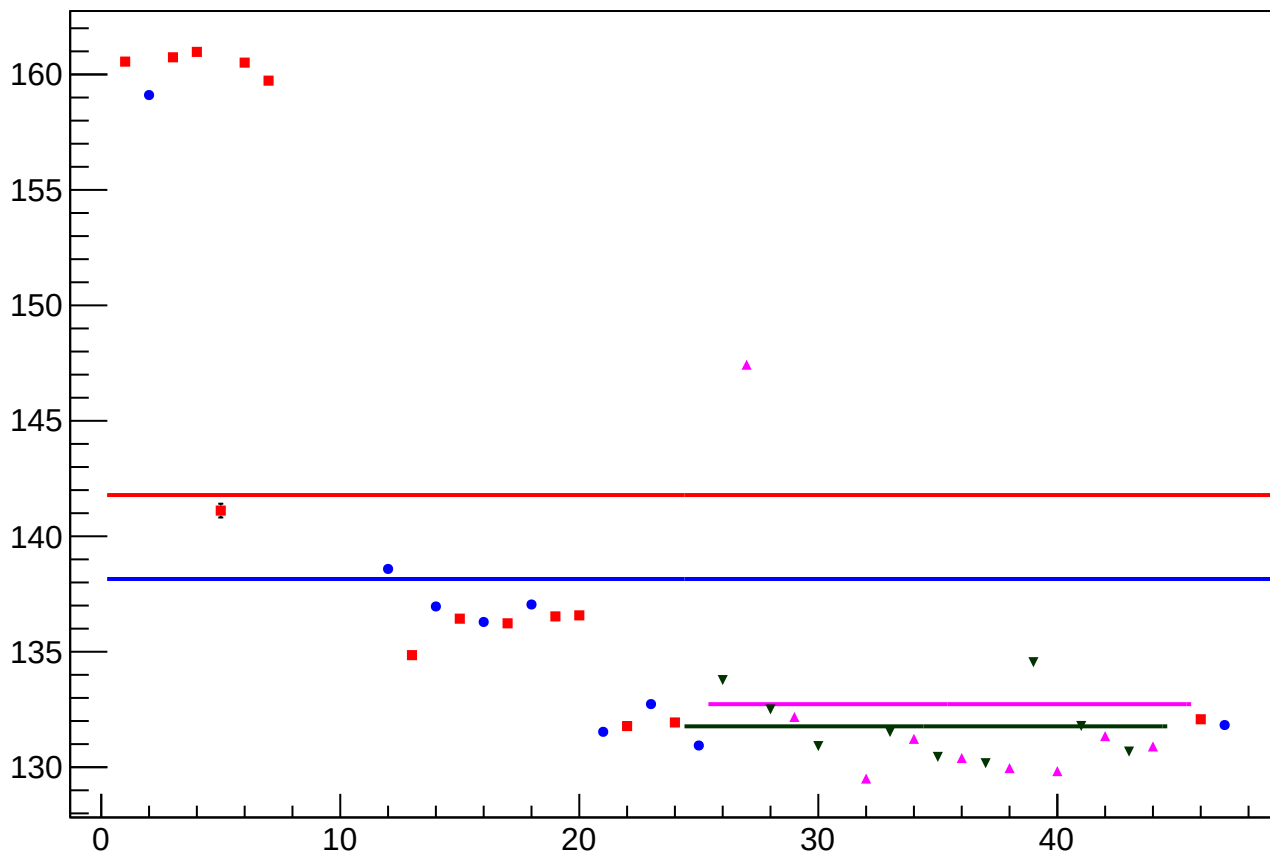
Left Out: 390.446 $\pm$ 59.706 χ^2 /NDF:10.9/8

453.841 $\pm$ 28.906 χ^2 /NDF: 53.9/40

Right Out: 516.222 $\pm$ 57.302 χ^2 /NDF: 16.9/13

Left In: 487.835 $\pm$ 55.879 χ^2 /NDF:17.2/8

reg_asym_usr_rms vs slug



Right In: 138.151+/-0.041 χ^2/NDF : 43864.2/8

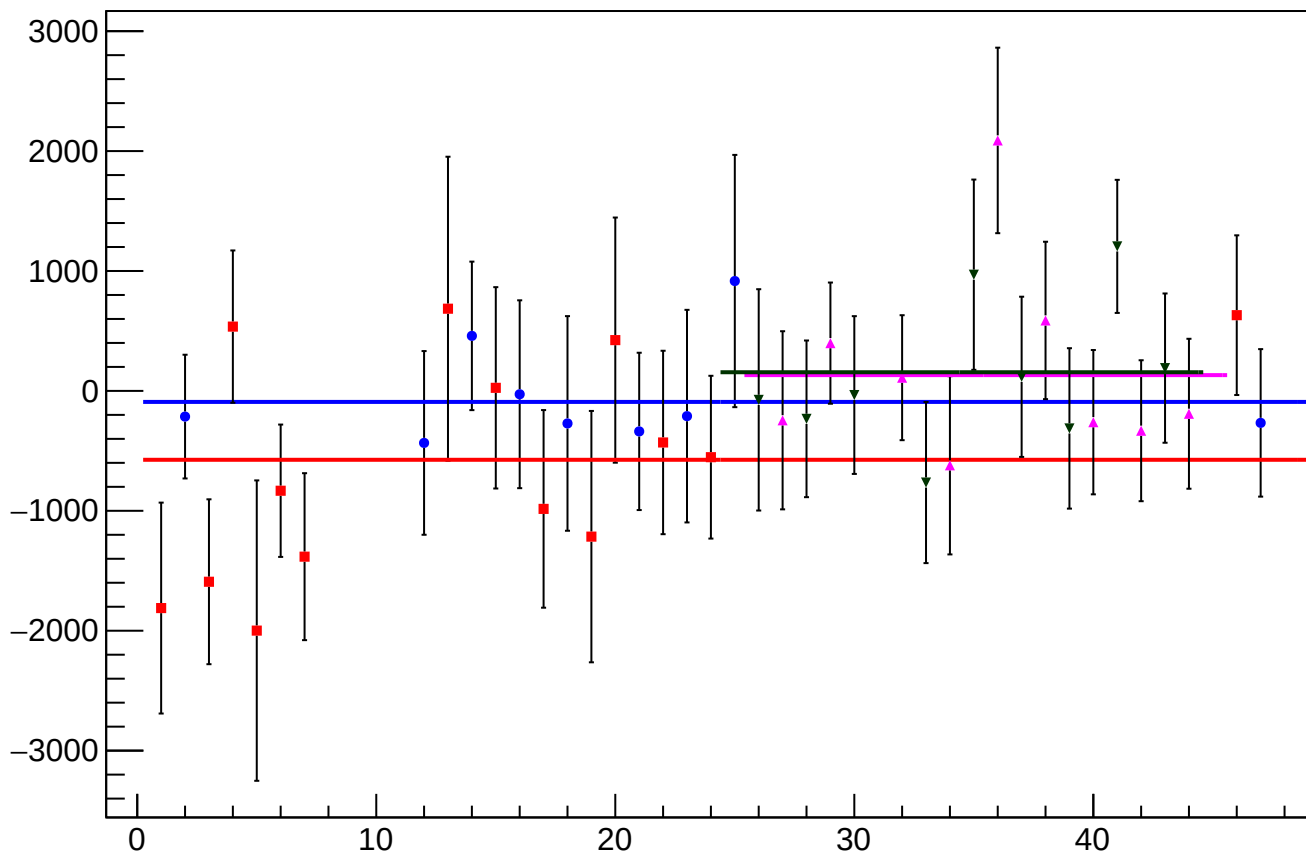
Left Out: 131.770+/-0.042 χ^2/NDF :1040.2/8

Right Out: 141.786+/-0.041 χ^2/NDF : 86991.0/13

Left In: 132.730+/-0.040 χ^2/NDF :19860.2/8

136.130+/-0.020 χ^2/NDF : 191692.9/40

asym_usr_correction_mean vs slug



Right In: -91.835 ± 235.102 χ^2/NDF : 2.3/8

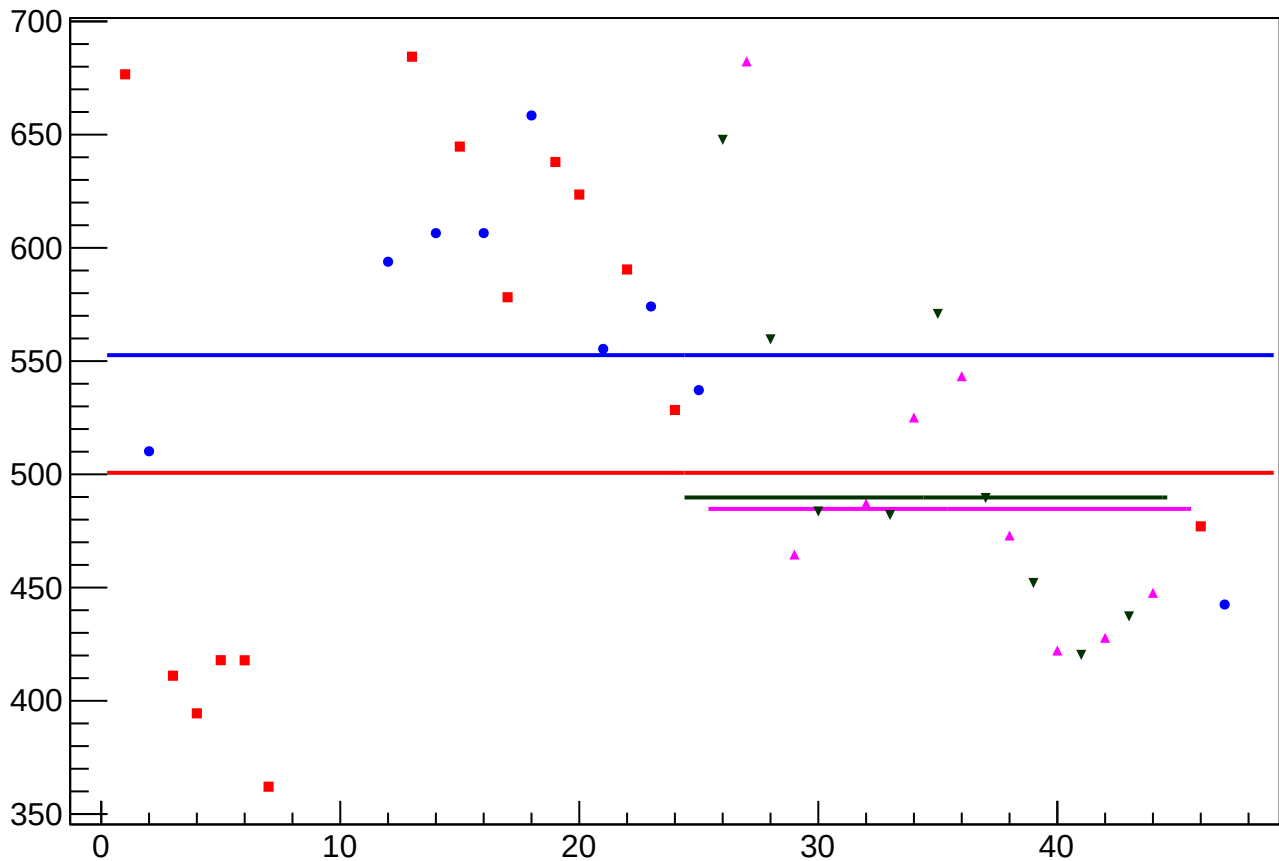
Left Out: 155.597 ± 223.964 χ^2/NDF : 7.5/8

Right Out: -574.498 ± 206.776 χ^2/NDF : 16.5/13

Left In: 131.610 ± 206.595 χ^2/NDF : 9.8/8

-105.044 ± 108.564 χ^2/NDF : 43.8/40

asym_usr_correction_rms vs slug



Right In: 552.633+/-0.166 χ^2/NDF : 137655.5/8

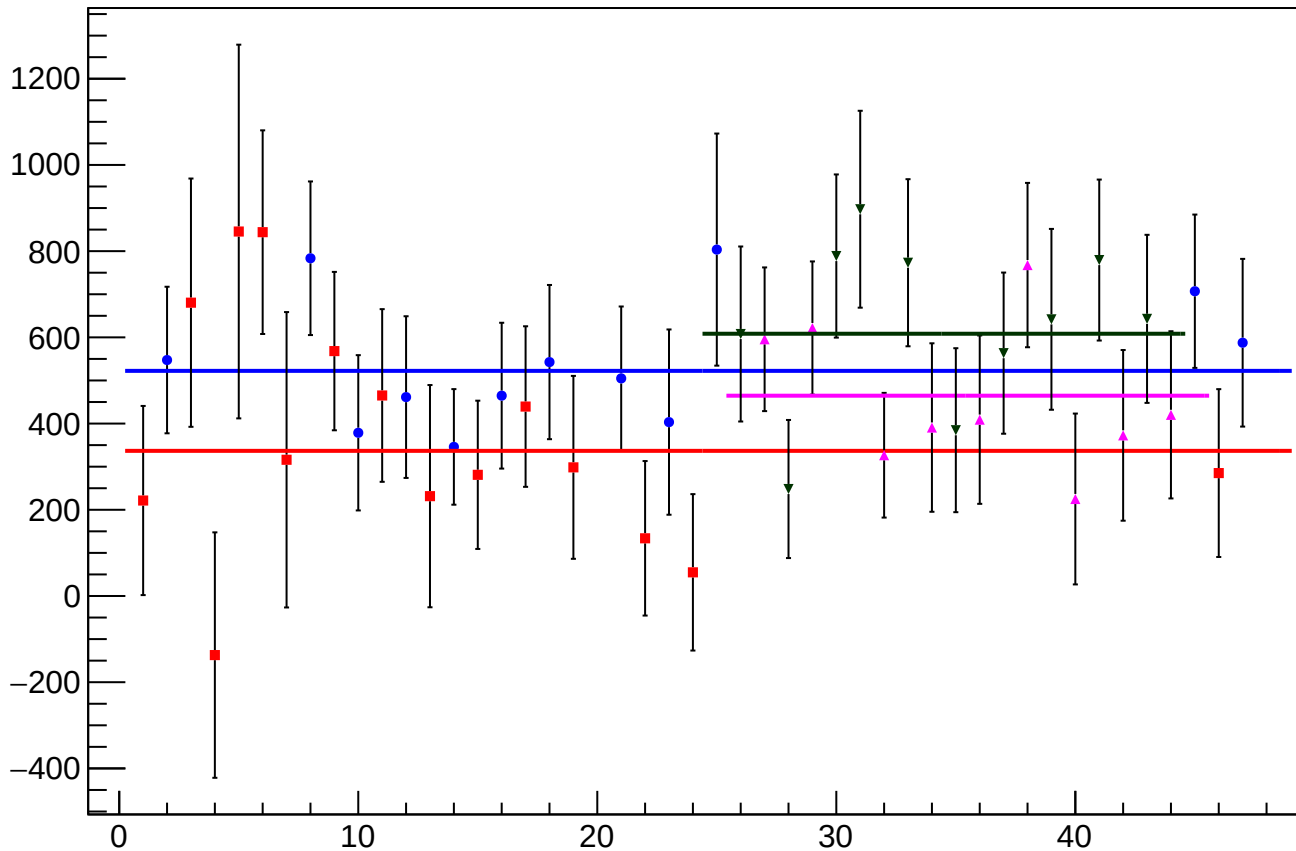
Left Out: 489.788+/-0.158 χ^2/NDF :154690.5/8

Right Out: 500.670+/-0.146 χ^2/NDF : 518185.6/13

Left In: 484.734+/-0.146 χ^2/NDF :210156.0/8

504.793+/-0.077 χ^2/NDF : 1132125.8/40

reg_asym_dsl_mean vs slug



Right In: 522.269 +/- 51.528 χ^2 /NDF: 7.4/11

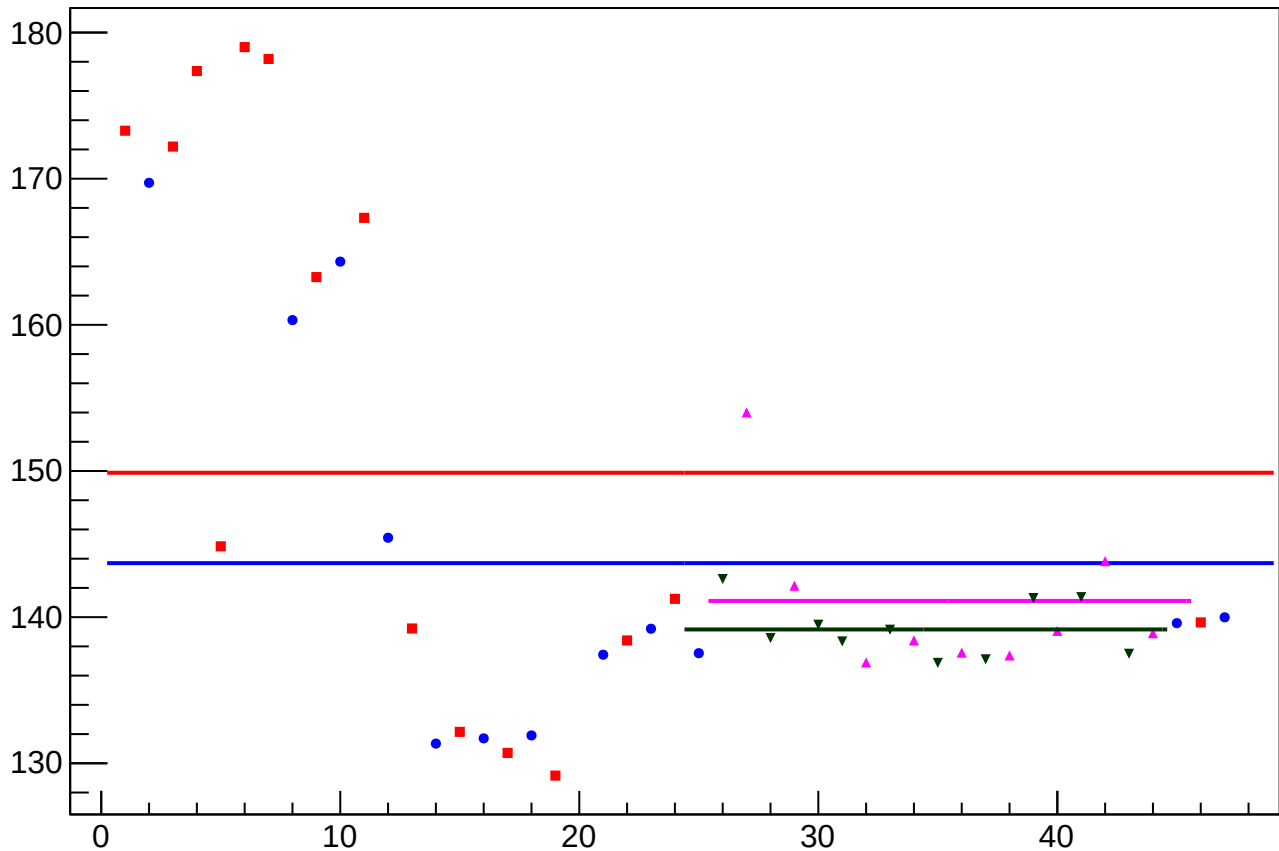
Left Out: 608.408 +/- 60.755 χ^2 /NDF: 10.6/9

480.498 +/- 28.285 χ^2 /NDF: 53.6/45

Right Out: 336.711 +/- 55.966 χ^2 /NDF: 16.8/14

Left In: 464.679 +/- 59.428 χ^2 /NDF: 7.0/8

reg_asym_dsl_rms vs slug



Right In: 143.696 $\pm$ 0.036 χ^2 /NDF: 132925.4/11

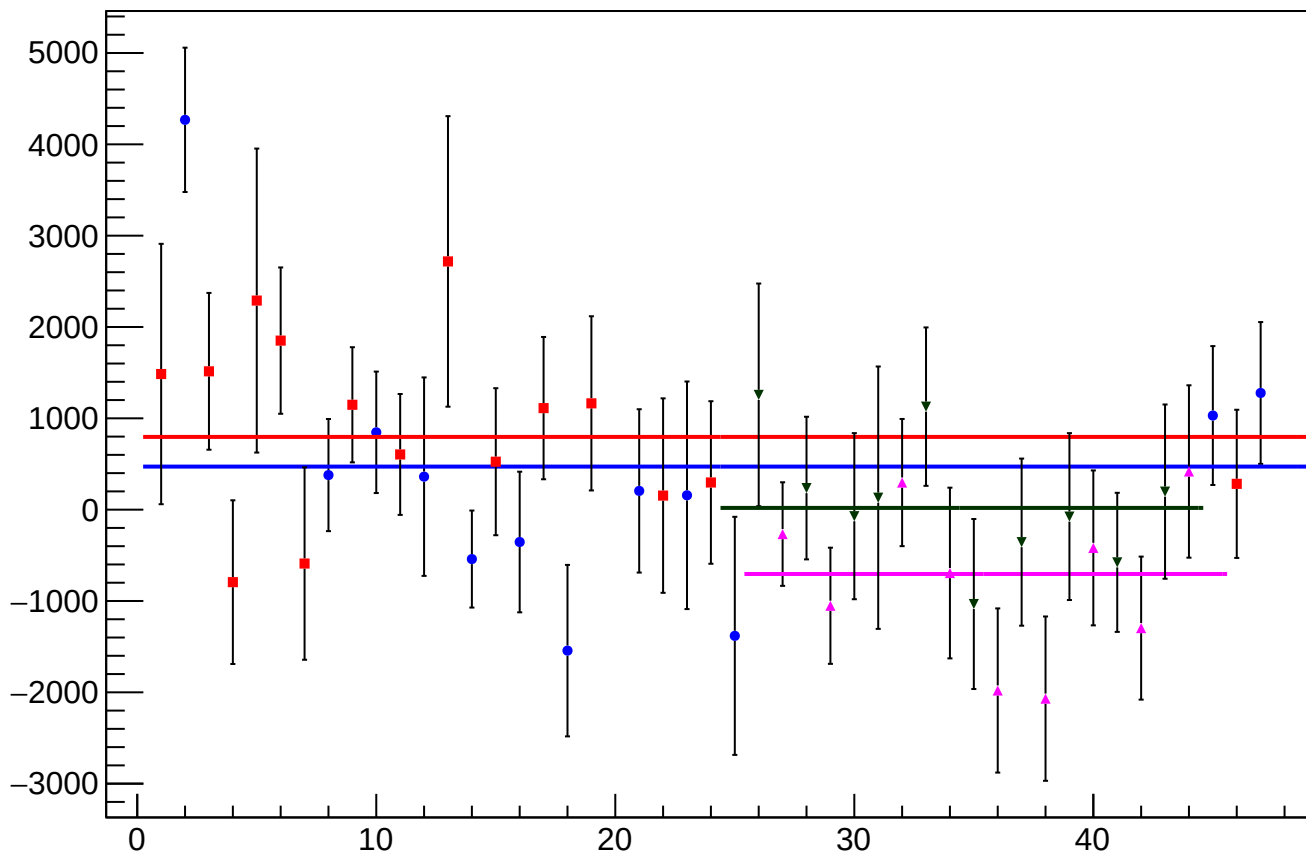
Left Out: 139.159 $\pm$ 0.043 χ^2 /NDF: 1800.6/9

143.706 $\pm$ 0.020 χ^2 /NDF: 397184.3/45

Right Out: 149.880 $\pm$ 0.040 χ^2 /NDF: 206691.0/14

Left In: 141.110 $\pm$ 0.042 χ^2 /NDF: 16410.3/8

asym_dsl_correction_mean vs slug



Right In: 471.556 ± 225.865 $\chi^2/\text{NDF}: 36.6/11$

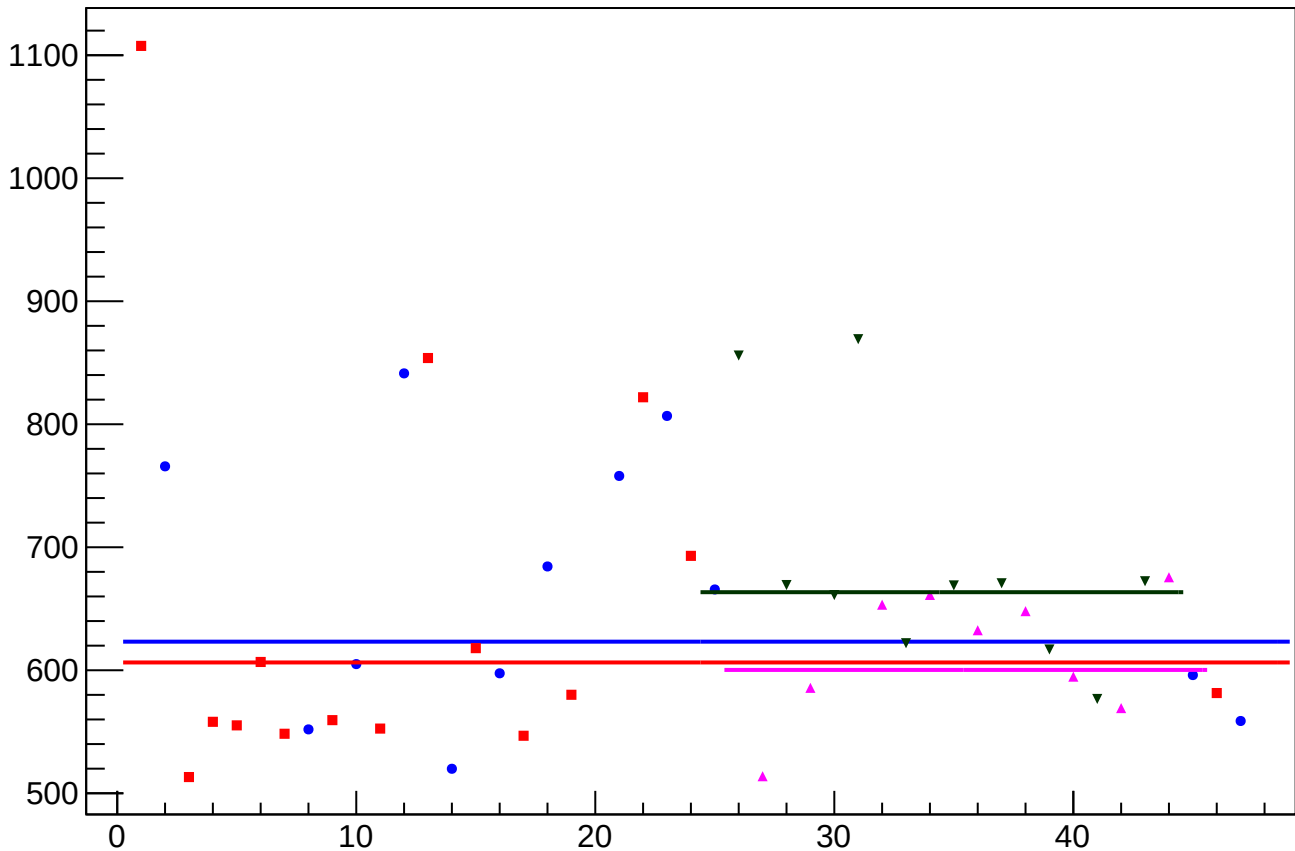
Left Out: 19.163 ± 292.256 $\chi^2/\text{NDF}: 4.9/9$

Right Out: 796.514 ± 229.026 $\chi^2/\text{NDF}: 11.7/14$

Left In: -704.266 ± 254.769 $\chi^2/\text{NDF}: 9.4/8$

209.829 ± 123.296 $\chi^2/\text{NDF}: 83.8/45$

asym_dsl_correction_rms vs slug



Right In: 623.246+/-0.160 χ^2/NDF : 367825.1/11

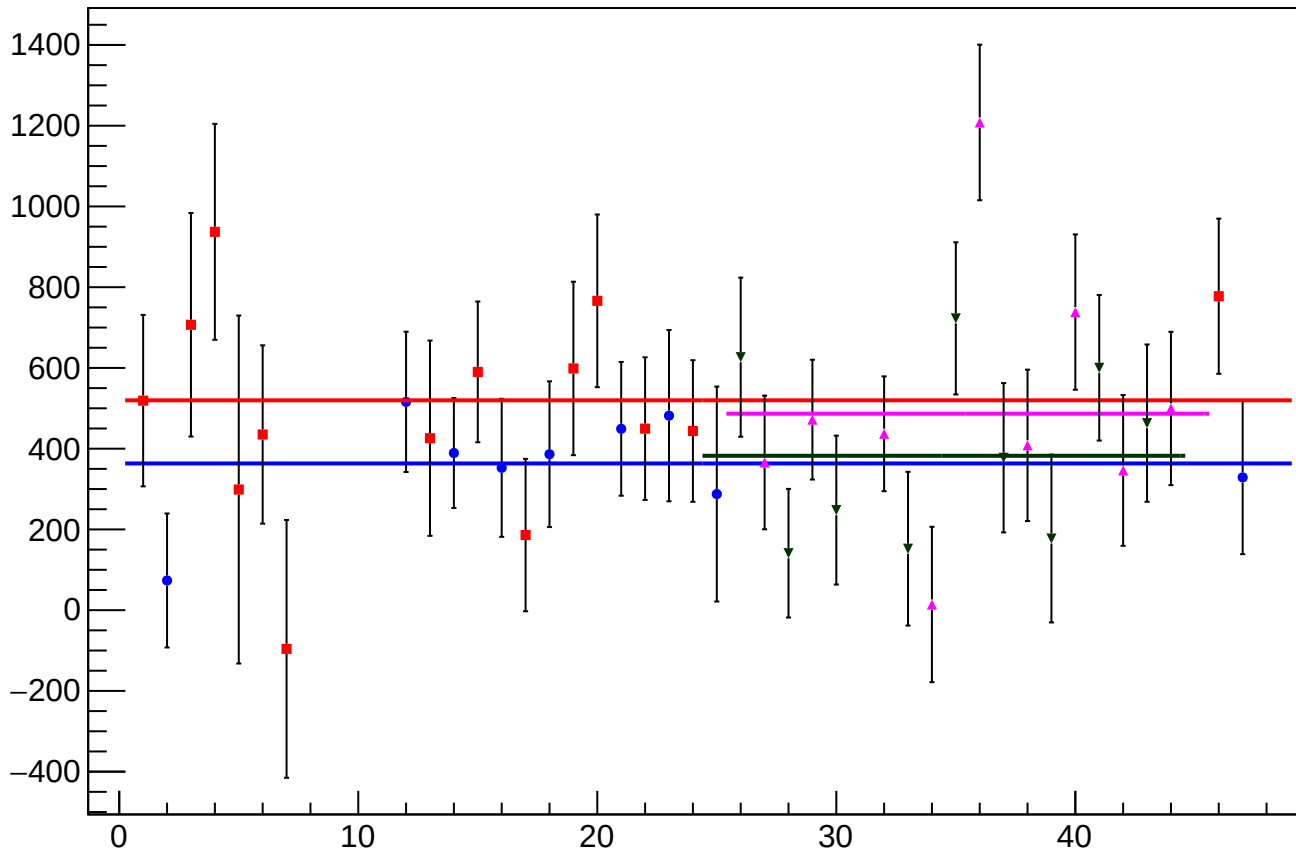
Left Out: 663.469+/-0.207 χ^2/NDF : 127083.8/9

620.124+/-0.087 χ^2/NDF : 1124234.9/45

Right Out: 606.345+/-0.162 χ^2/NDF : 473757.2/14

Left In: 600.265+/-0.180 χ^2/NDF : 91803.6/8

reg_asym_dsr_mean vs slug



Right In: 363.390 $\pm$ 58.857 χ^2 /NDF: 4.6/8

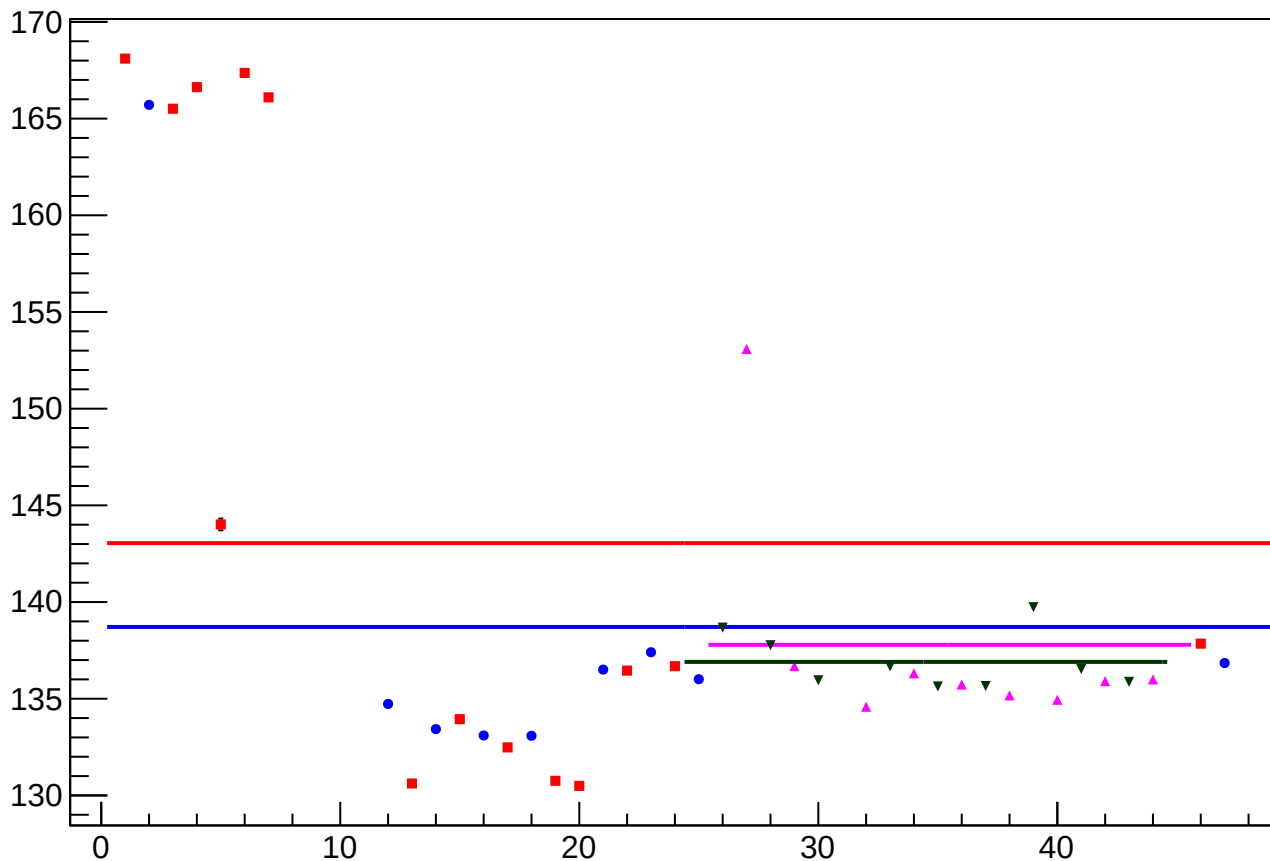
Left Out: 382.401 $\pm$ 62.041 χ^2 /NDF:11.7/8

440.536 $\pm$ 29.568 χ^2 /NDF: 58.6/40

Right Out: 519.799 $\pm$ 57.916 χ^2 /NDF: 14.1/13

Left In: 486.782 $\pm$ 58.008 χ^2 /NDF:23.2/8

reg_asym_dsr_rms vs slug



Right In: 138.712 $\pm$ 0.042 χ^2 /NDF: 61925.2/8

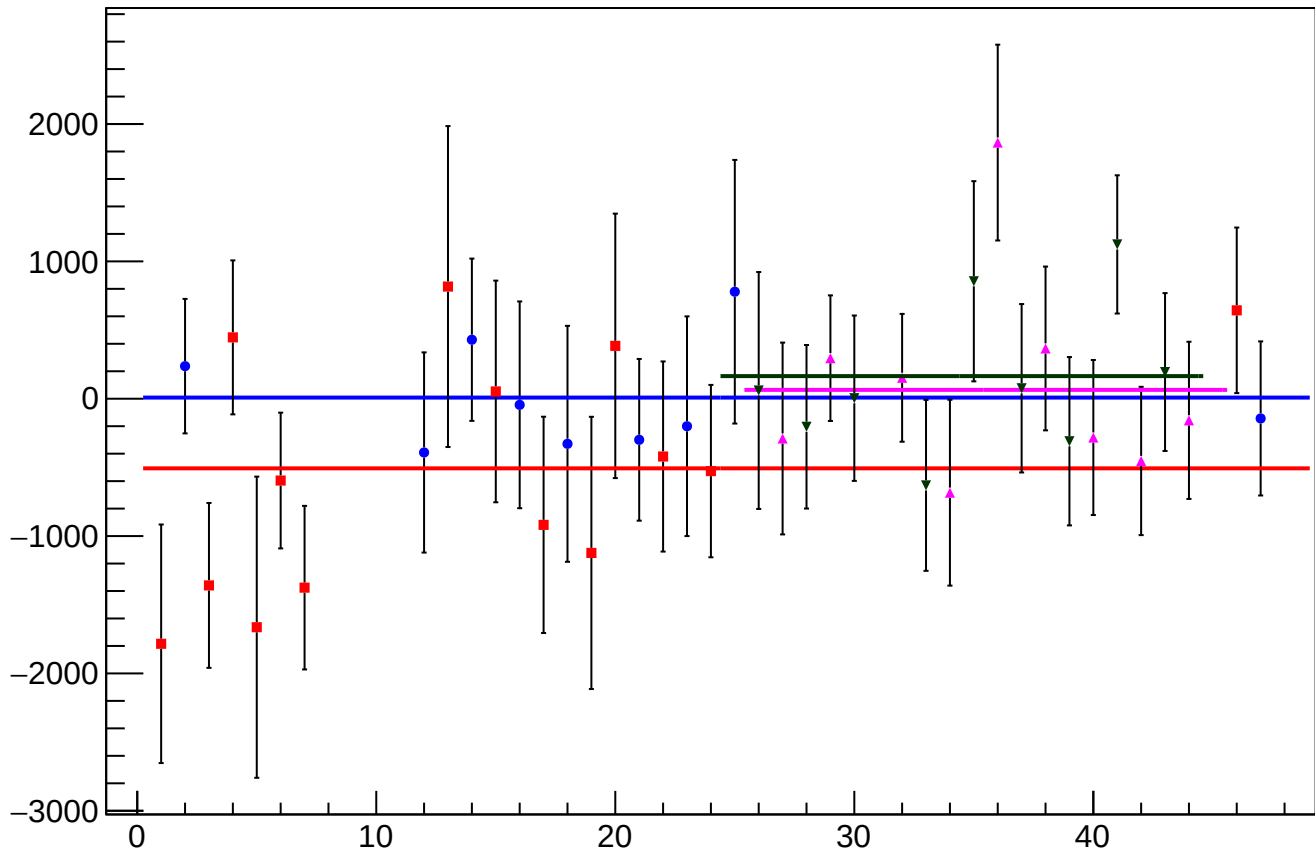
Left Out: 136.905 $\pm$ 0.044 χ^2 /NDF: 893.7/8

Right Out: 143.048 $\pm$ 0.041 χ^2 /NDF: 128571.0/13

Left In: 137.788 $\pm$ 0.041 χ^2 /NDF: 19747.2/8

139.192 $\pm$ 0.021 χ^2 /NDF: 224025.9/40

asym_dsr_correction_mean vs slug



Right In: 8.366 ± 219.513 $\chi^2/\text{NDF}: 2.2/8$

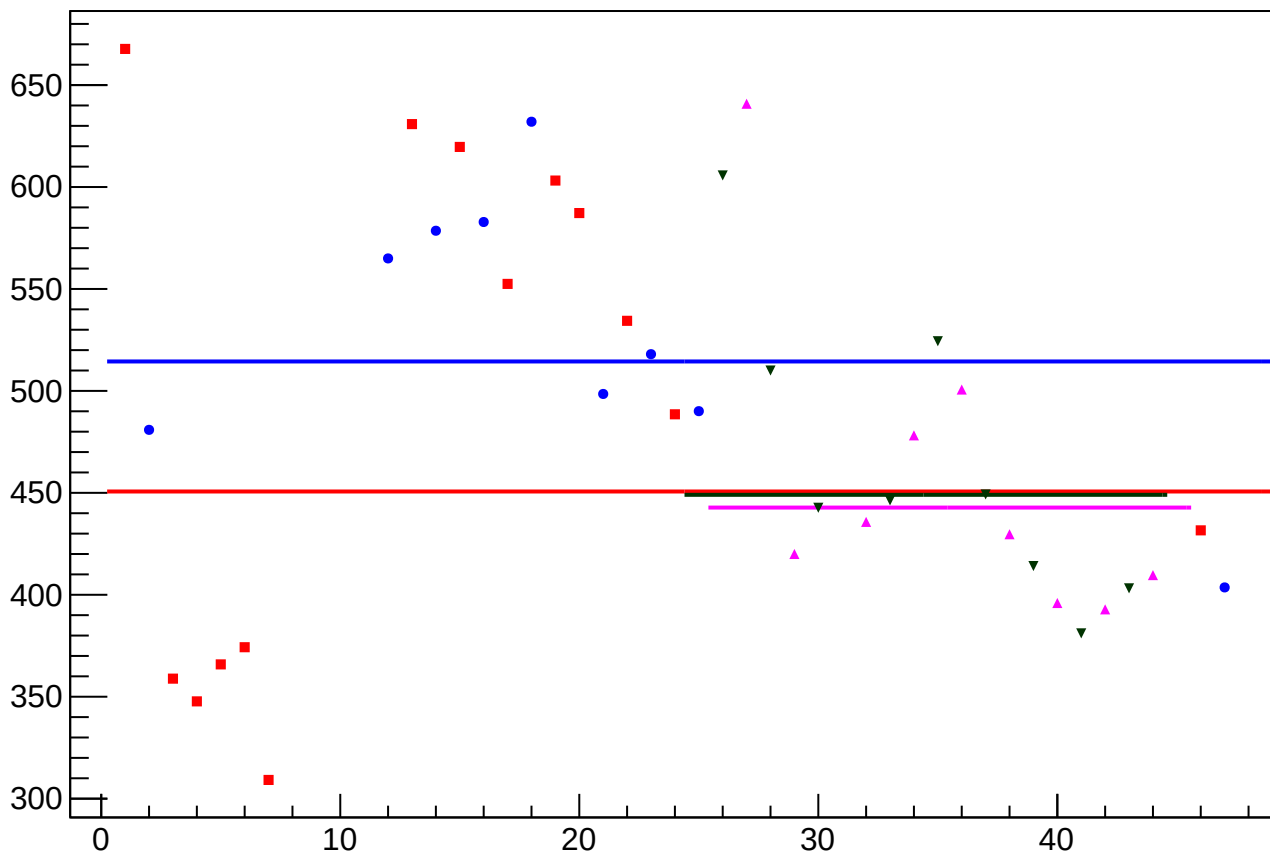
Left Out: 164.635 ± 205.449 $\chi^2/\text{NDF}: 7.3/8$

-84.391 ± 99.565 $\chi^2/\text{NDF}: 44.0/40$

Right Out: -506.966 ± 187.686 $\chi^2/\text{NDF}: 17.3/13$

Left In: 64.363 ± 188.840 $\chi^2/\text{NDF}: 9.9/8$

asym_dsr_correction_rms vs slug



Right In: 514.441 ± 0.155 χ^2/NDF : 177426.6/8

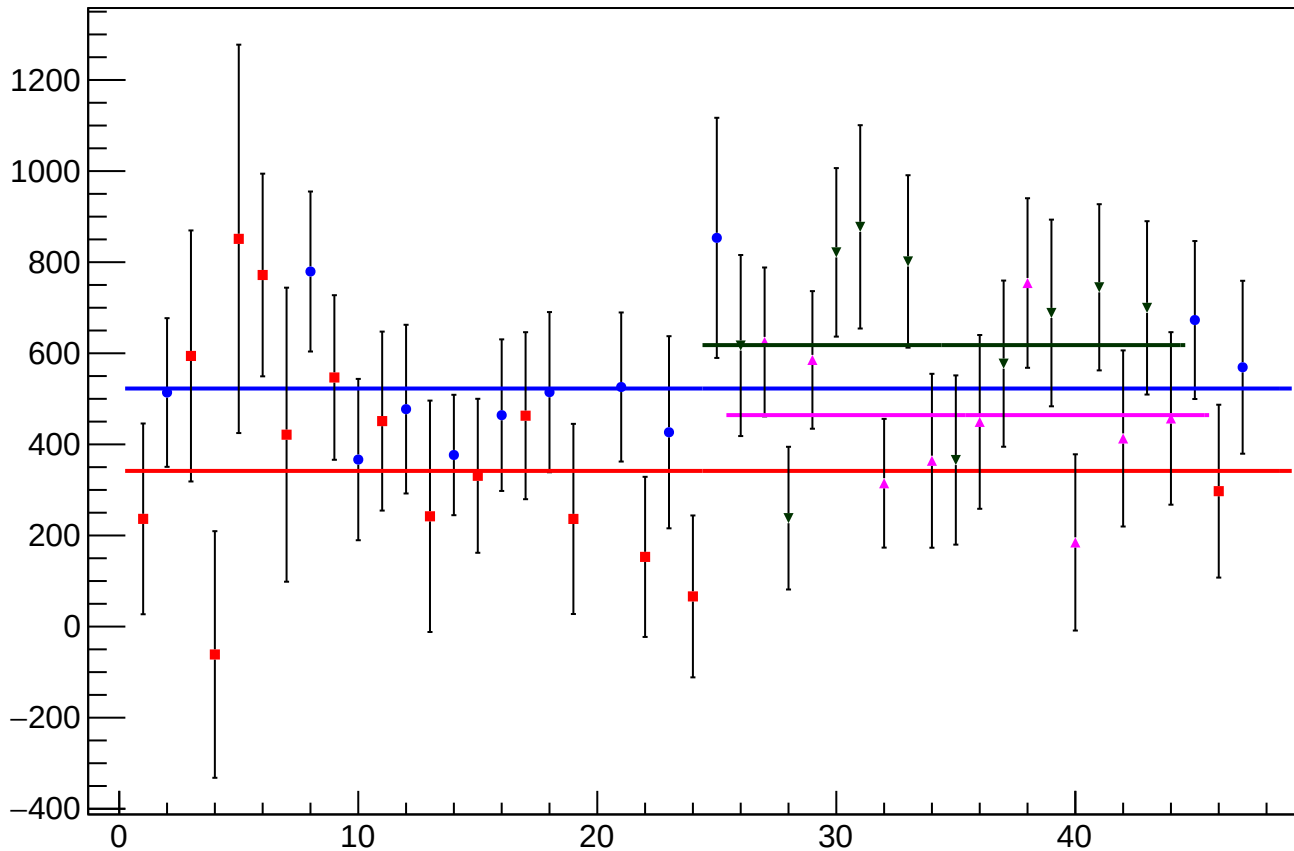
Left Out: 449.031 ± 0.145 χ^2/NDF : 164300.9/8

Right Out: 450.663 ± 0.133 χ^2/NDF : 706718.5/13

Left In: 442.774 ± 0.134 χ^2/NDF : 223503.0/8

461.208 ± 0.070 χ^2/NDF : 1421961.7/40

reg_asym_left_avg_mean vs slug



Right In: 522.651 ± 50.511 $\chi^2/\text{NDF}: 6.9/11$

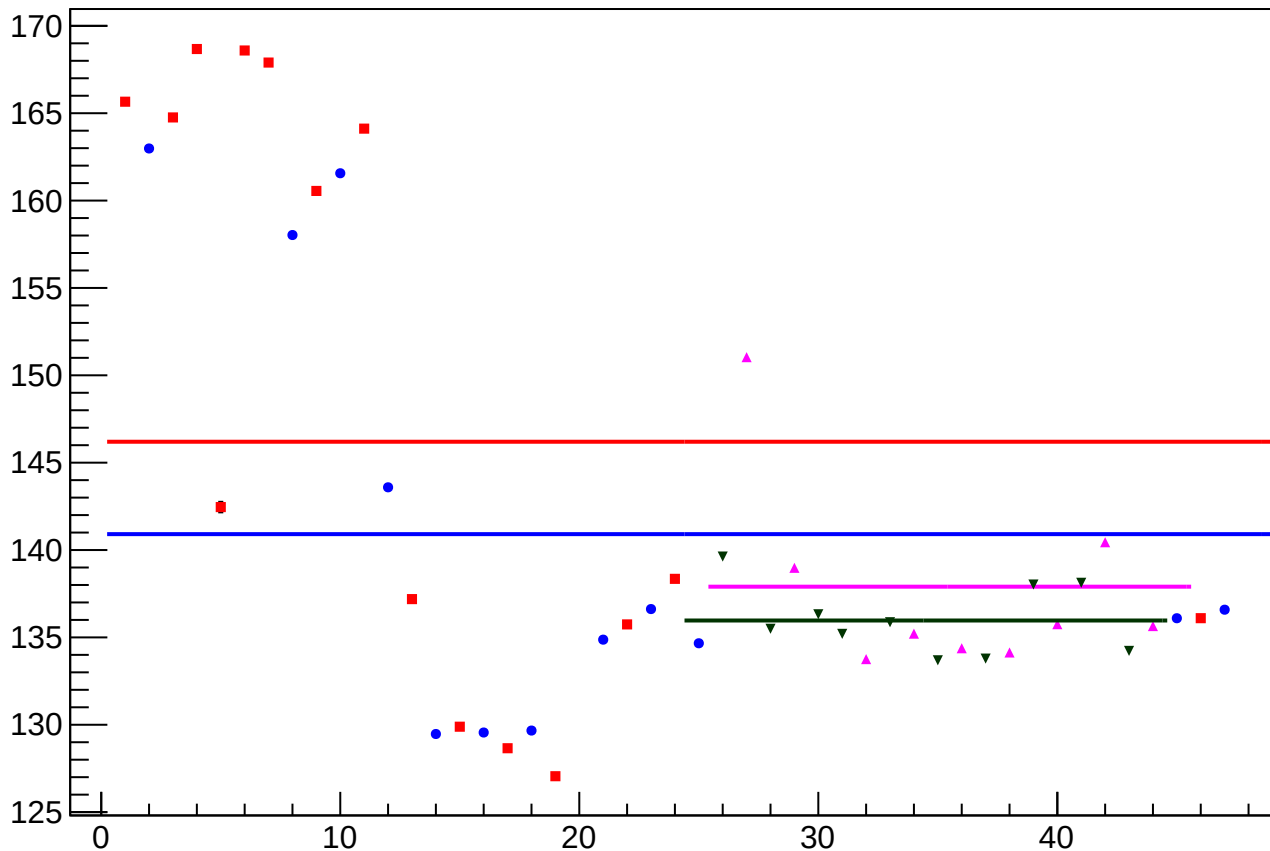
Left Out: 617.964 ± 59.362 $\chi^2/\text{NDF}: 12.1/9$

483.581 ± 27.643 $\chi^2/\text{NDF}: 53.8/45$

Right Out: 341.748 ± 54.516 $\chi^2/\text{NDF}: 14.6/14$

Left In: 464.267 ± 58.080 $\chi^2/\text{NDF}: 7.6/8$

reg_asym_left_avg_rms vs slug



Right In: 140.910 ± 0.036 χ^2/NDF : 122923.3/11

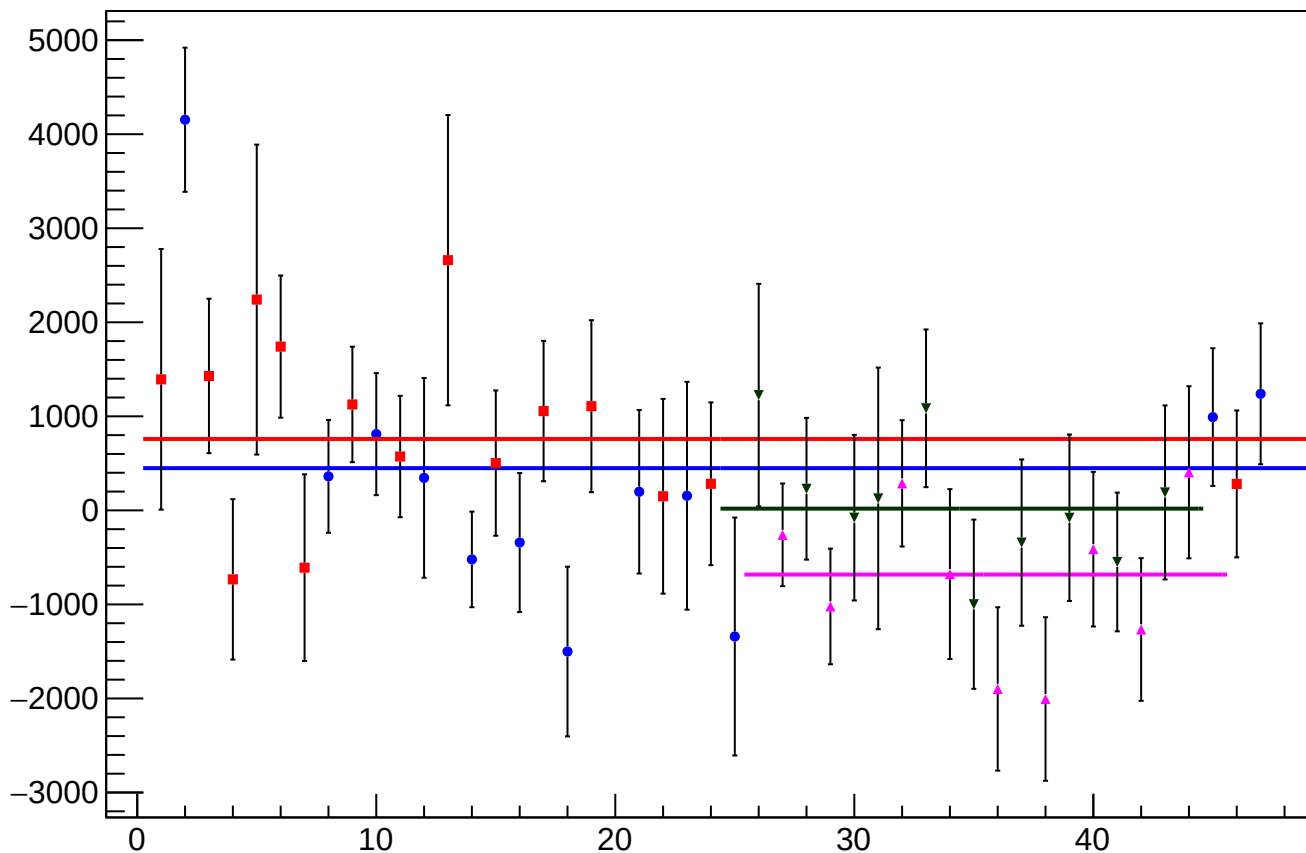
Left Out: 135.967 ± 0.042 χ^2/NDF : 1963.3/9

Right Out: 146.198 ± 0.039 χ^2/NDF : 171757.3/14

Left In: 137.903 ± 0.041 χ^2/NDF : 17512.3/8

140.516 ± 0.020 χ^2/NDF : 351798.2/45

asym_left_avg_correction_mean vs slug



Right In: 448.960 $\pm$ 218.466 χ^2 /NDF: 37.0/11

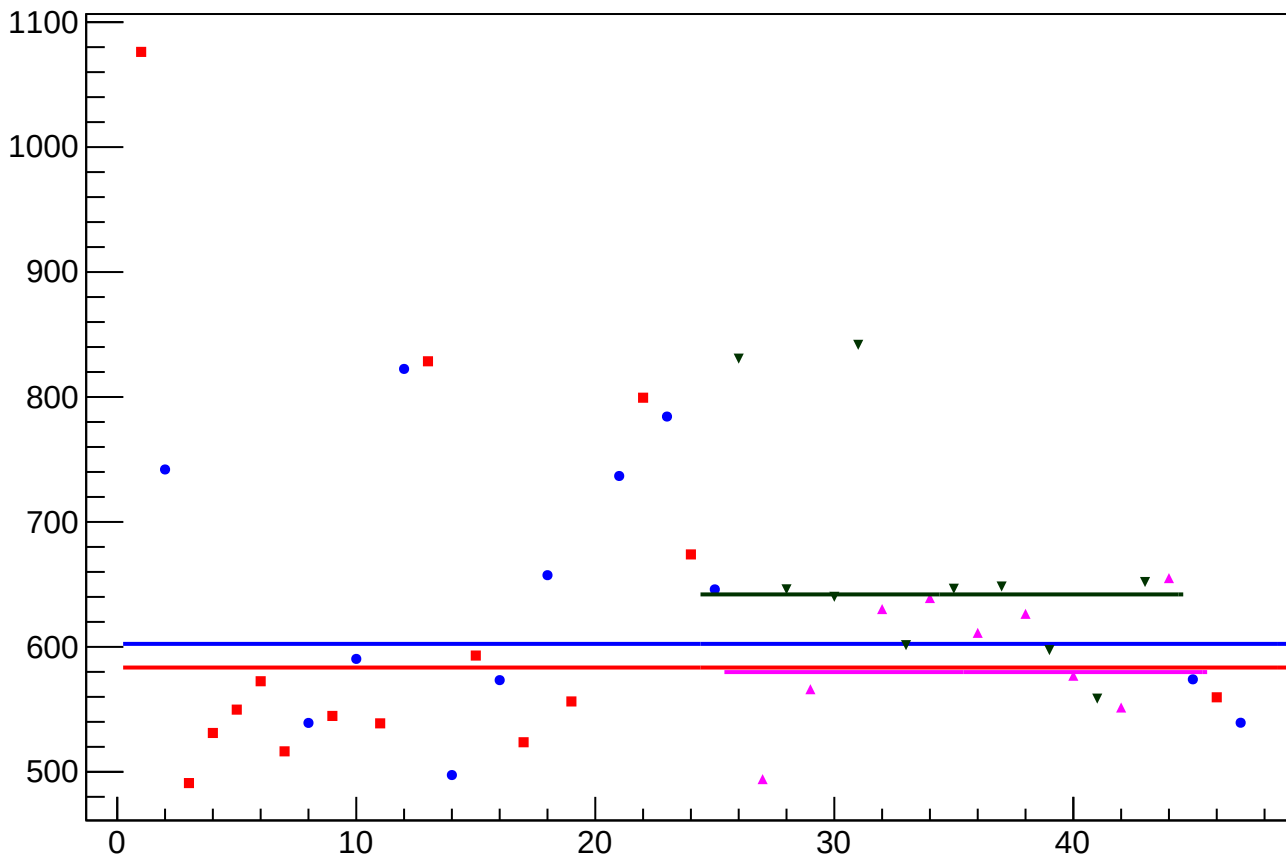
Left Out: 18.573 $\pm$ 282.811 χ^2 /NDF: 4.8/9

198.327 $\pm$ 119.080 χ^2 /NDF: 83.9/45

Right Out: 759.306 $\pm$ 220.528 χ^2 /NDF: 11.7/14

Left In: -682.611 $\pm$ 246.153 χ^2 /NDF: 9.4/8

asym_left_avg_correction_rms vs slug



Right In: 602.415 ± 0.154 $\chi^2/\text{NDF}: 383473.2/11$

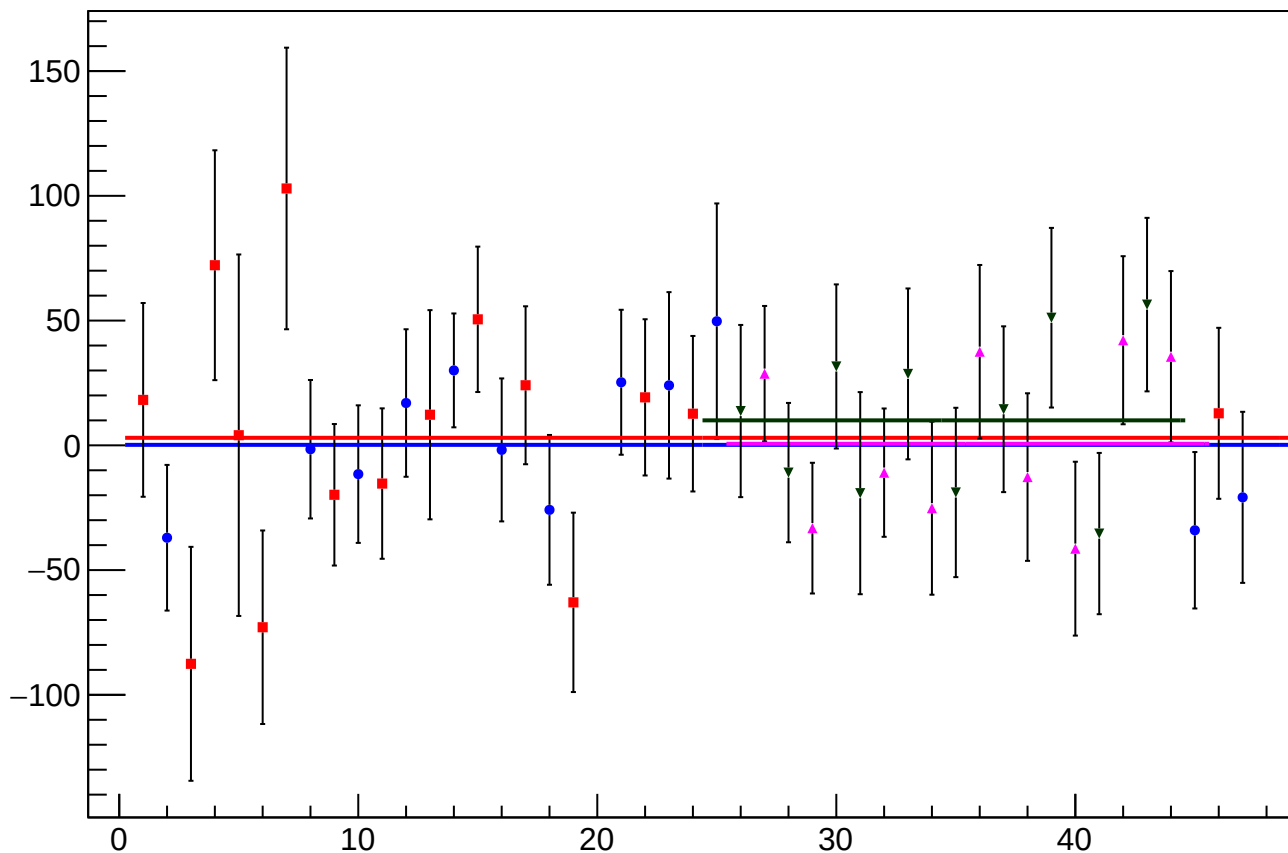
Left Out: 642.002 ± 0.200 $\chi^2/\text{NDF}: 127900.5/9$

Right Out: 583.482 ± 0.156 $\chi^2/\text{NDF}: 489758.0/14$

Left In: 579.841 ± 0.174 $\chi^2/\text{NDF}: 94876.2/8$

598.630 ± 0.084 $\chi^2/\text{NDF}: 1164736.4/45$

reg_asym_left_dd_mean vs slug



Right In: 0.194 ± 8.639 χ^2/NDF : 8.4/11

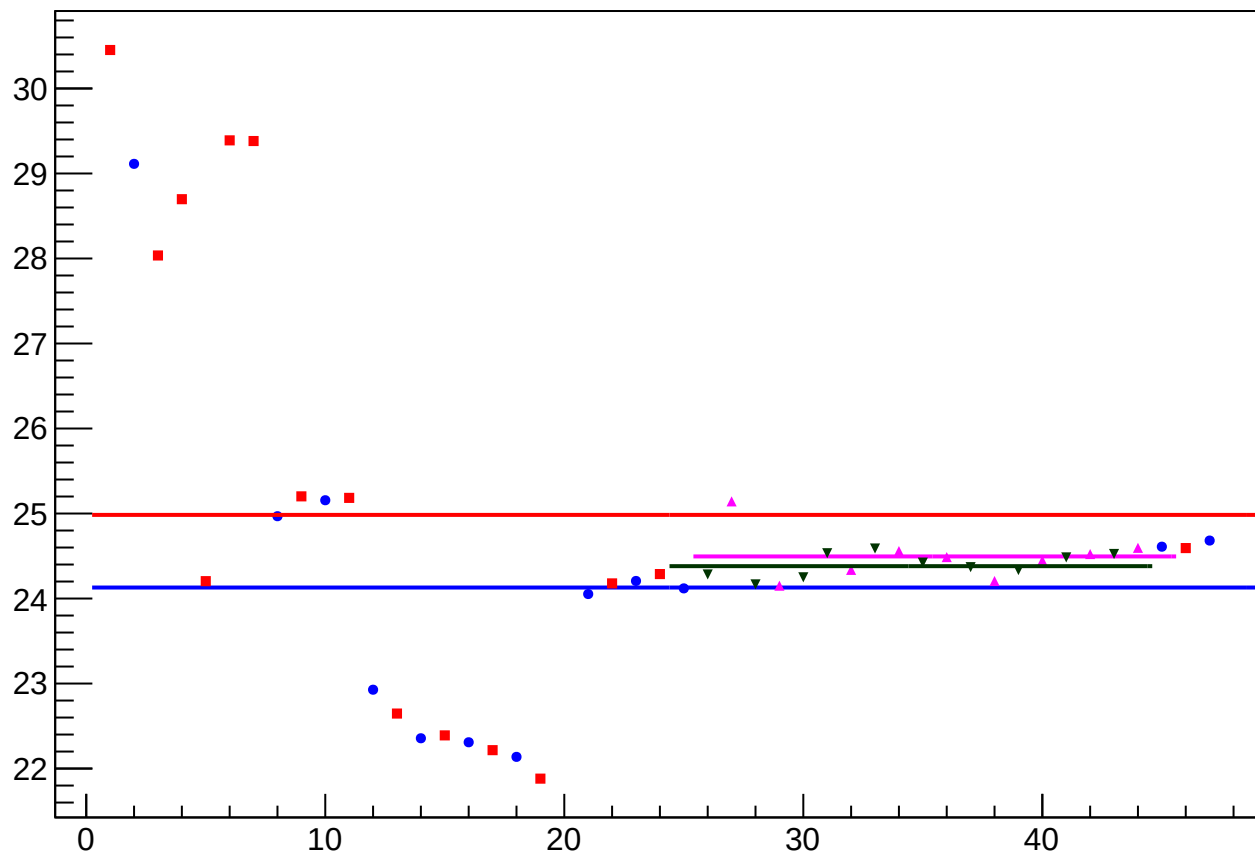
Left Out: 10.009 ± 10.637 χ^2/NDF : 7.6/9

Right Out: 3.016 ± 9.316 χ^2/NDF : 21.1/14

Left In: 0.637 ± 10.300 χ^2/NDF : 8.8/8

3.053 ± 4.812 χ^2/NDF : 46.5/45

reg_asym_left_dd_rms vs slug



Right In: 24.129+/-0.006 χ^2/NDF : 96169.0/11

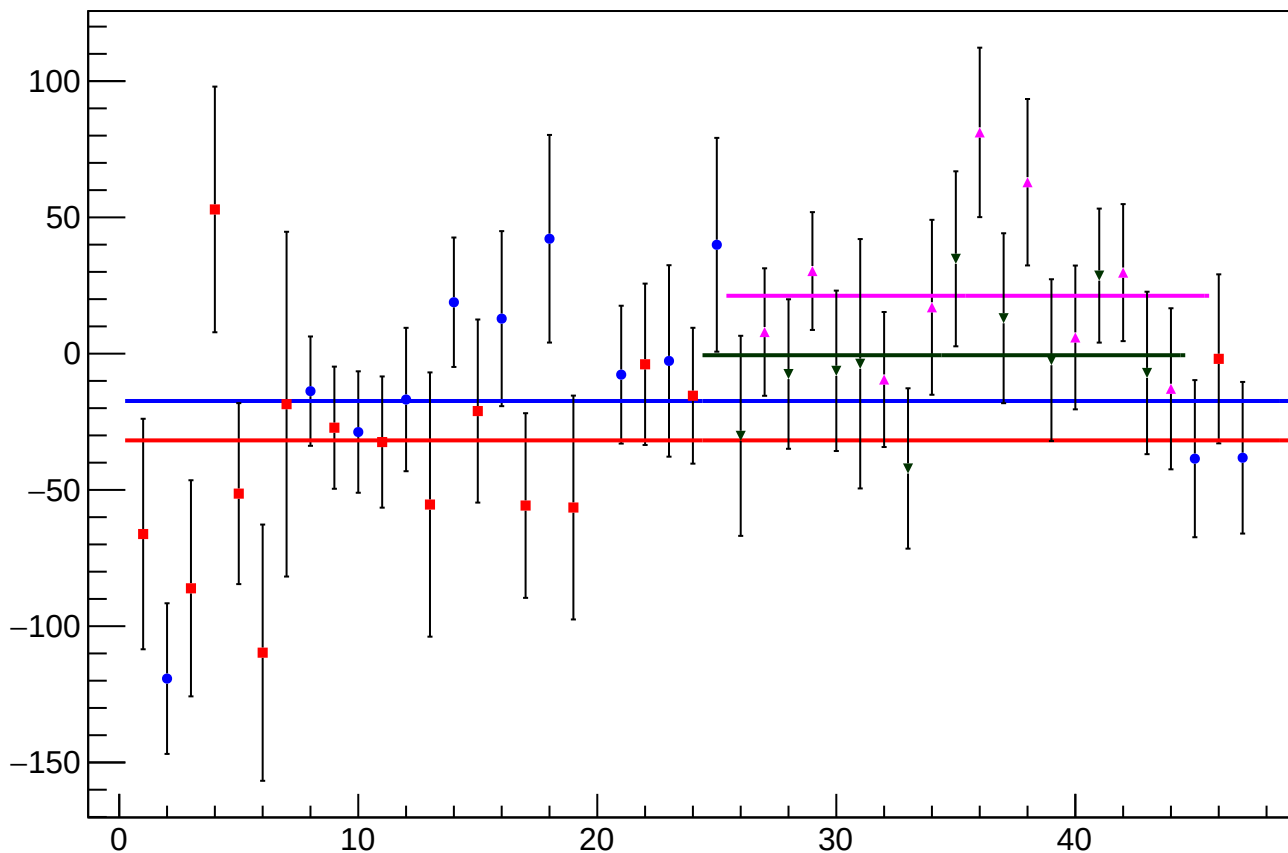
Left Out: 24.381+/-0.008 χ^2/NDF : 328.3/9

Right Out: 24.984+/-0.007 χ^2/NDF : 154362.5/14

Left In: 24.495+/-0.007 χ^2/NDF : 1736.5/8

24.489+/-0.003 χ^2/NDF : 261911.6/45

asym_left_dd_correction_mean vs slug



Right In: -17.371 ± 7.855 $\chi^2/\text{NDF}: 23.1/11$

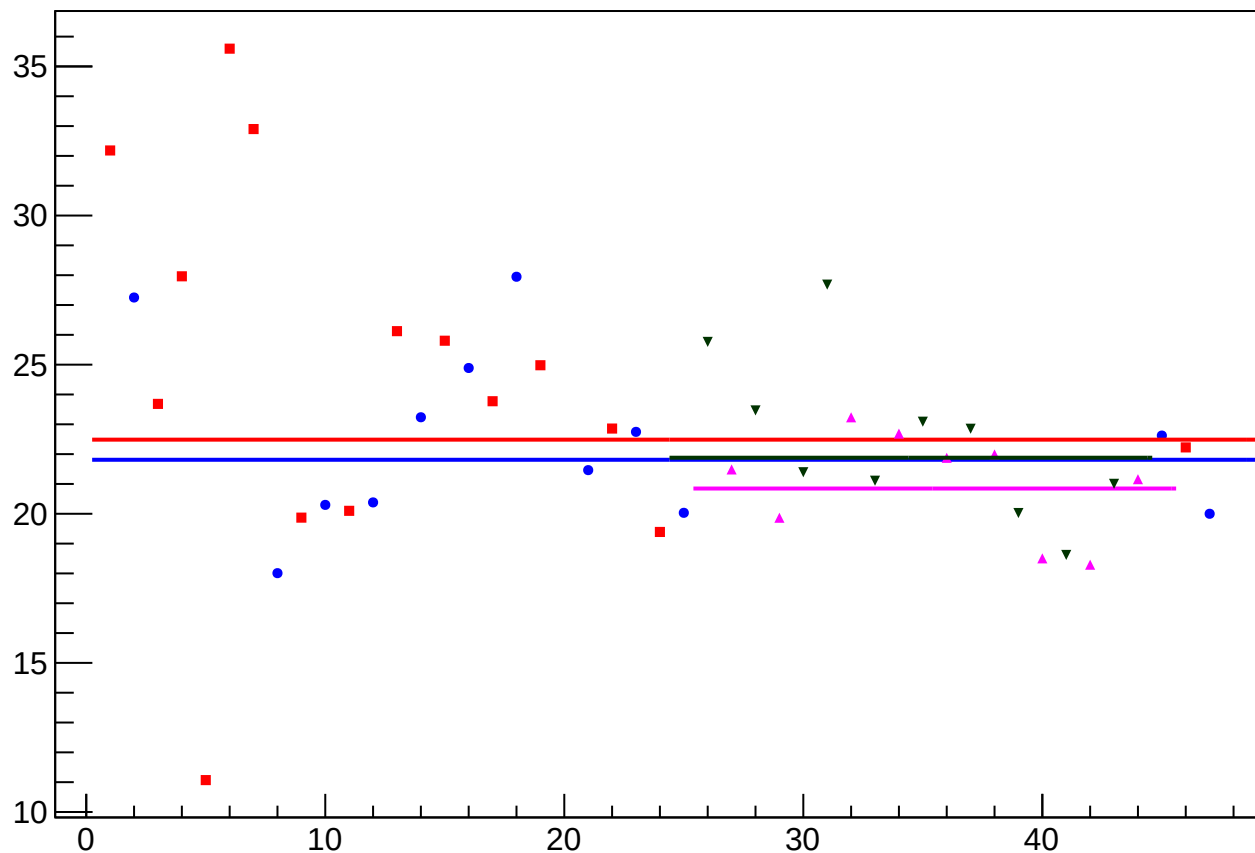
Left Out: -0.575 ± 9.634 $\chi^2/\text{NDF}: 5.6/9$

Right Out: -31.826 ± 8.581 $\chi^2/\text{NDF}: 12.7/14$

Left In: 21.238 ± 8.825 $\chi^2/\text{NDF}: 9.4/8$

-8.375 ± 4.327 $\chi^2/\text{NDF}: 71.5/45$

asym_left_dd_correction_rms vs slug



Right In: 21.811 $\pm$ 0.006 χ^2 /NDF: 257912.6/11

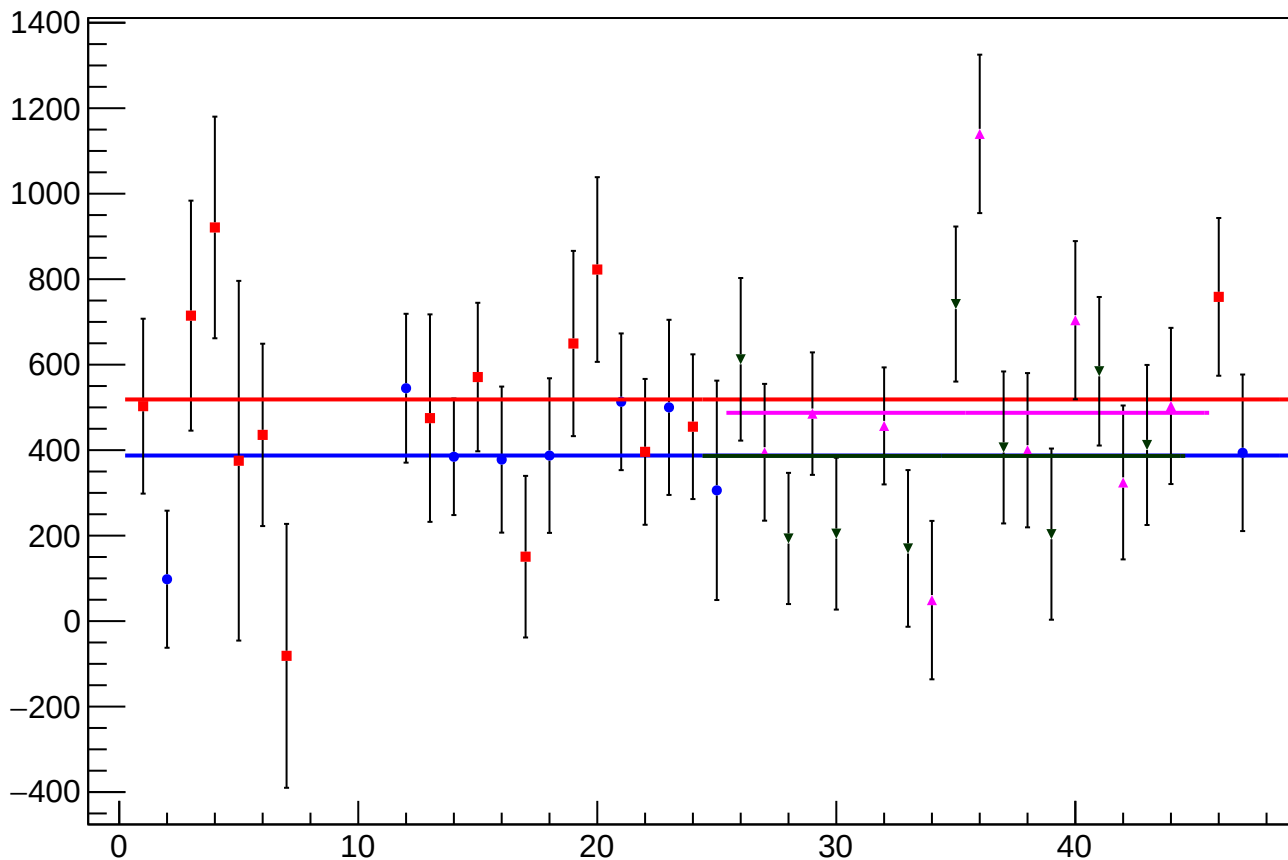
Left Out: 21.880 $\pm$ 0.007 χ^2 /NDF: 112645.4/9

Right Out: 22.485 $\pm$ 0.006 χ^2 /NDF: 701940.8/14

Left In: 20.847 $\pm$ 0.006 χ^2 /NDF: 72406.2/8

21.764 $\pm$ 0.003 χ^2 /NDF: 1181011.9/45

reg_asym_right_avg_mean vs slug



Right In: 387.430+/-57.888 χ^2 /NDF: 5.1/8

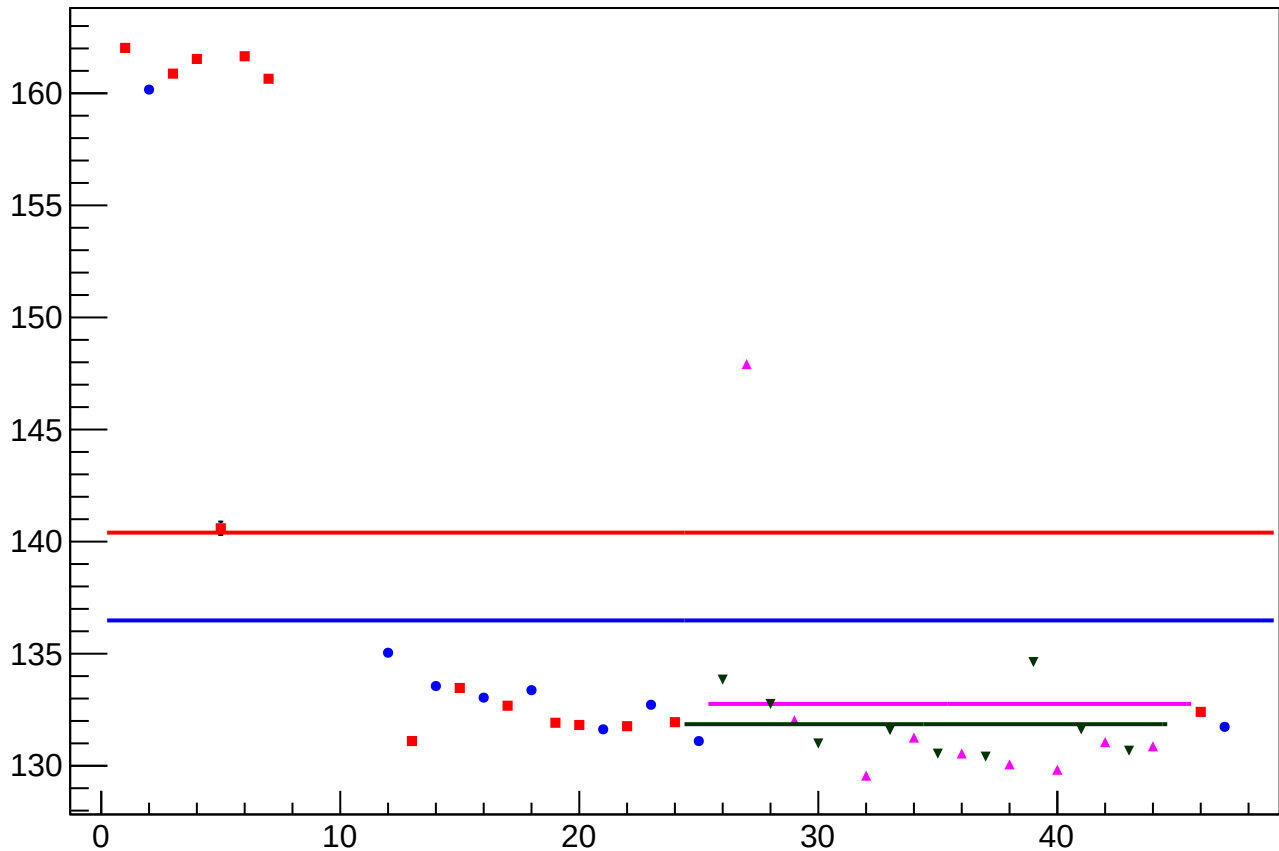
Left Out: 386.472+/-59.748 χ^2 /NDF:11.4/8

Right Out: 518.626+/-56.787 χ^2 /NDF: 15.6/13

Left In: 487.352+/-55.895 χ^2 /NDF:20.8/8

447.327+/-28.763 χ^2 /NDF: 57.1/40

reg_asym_right_avg_rms vs slug



Right In: 136.484+/-0.041 χ^2/NDF : 50811.9/8

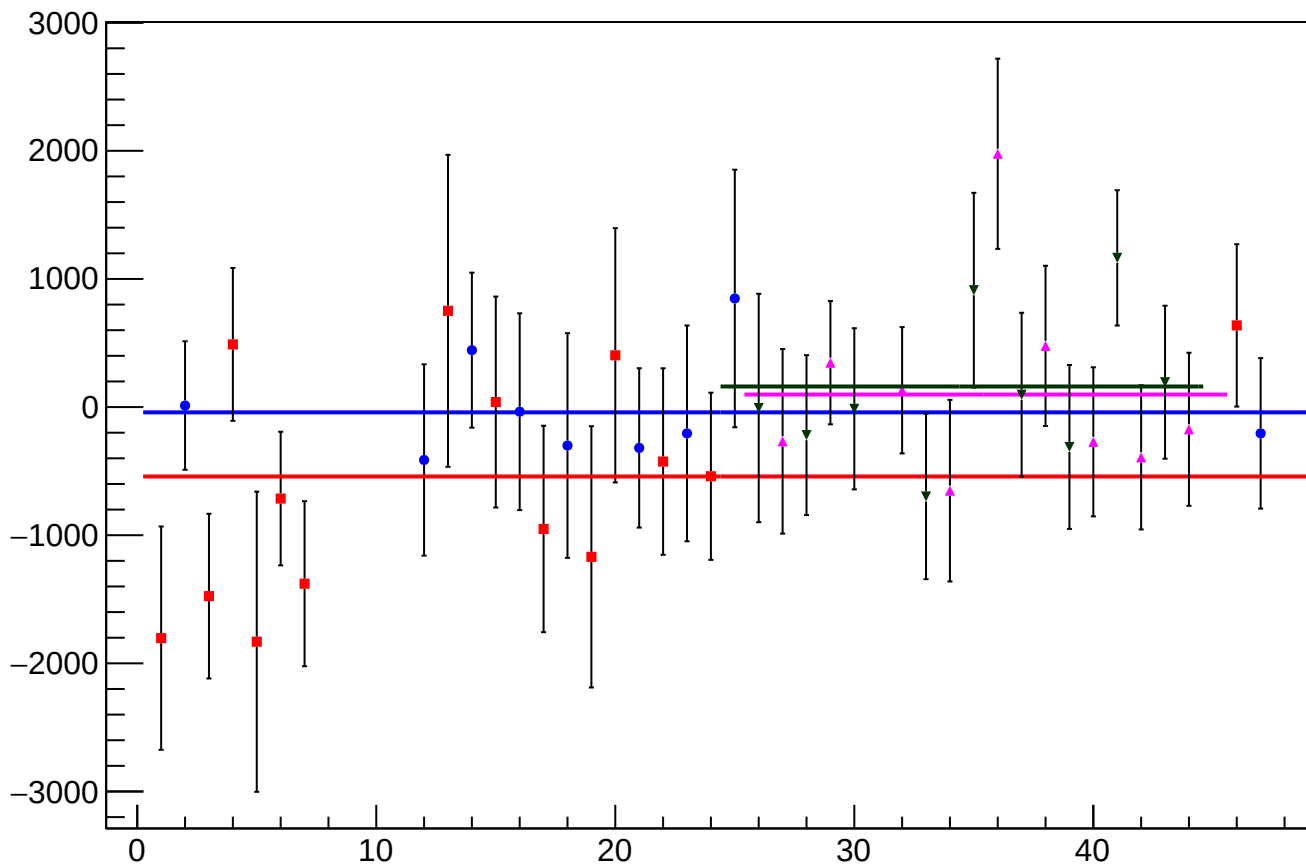
Left Out: 131.856+/-0.042 χ^2/NDF : 1042.7/8

Right Out: 140.401+/-0.040 χ^2/NDF : 105190.8/13

Left In: 132.760+/-0.040 χ^2/NDF : 20847.8/8

135.430+/-0.020 χ^2/NDF : 205602.3/40

asym_right_avg_correction_mean vs slug



Right In: -41.179 ± 227.121 χ^2/NDF : 2.1/8

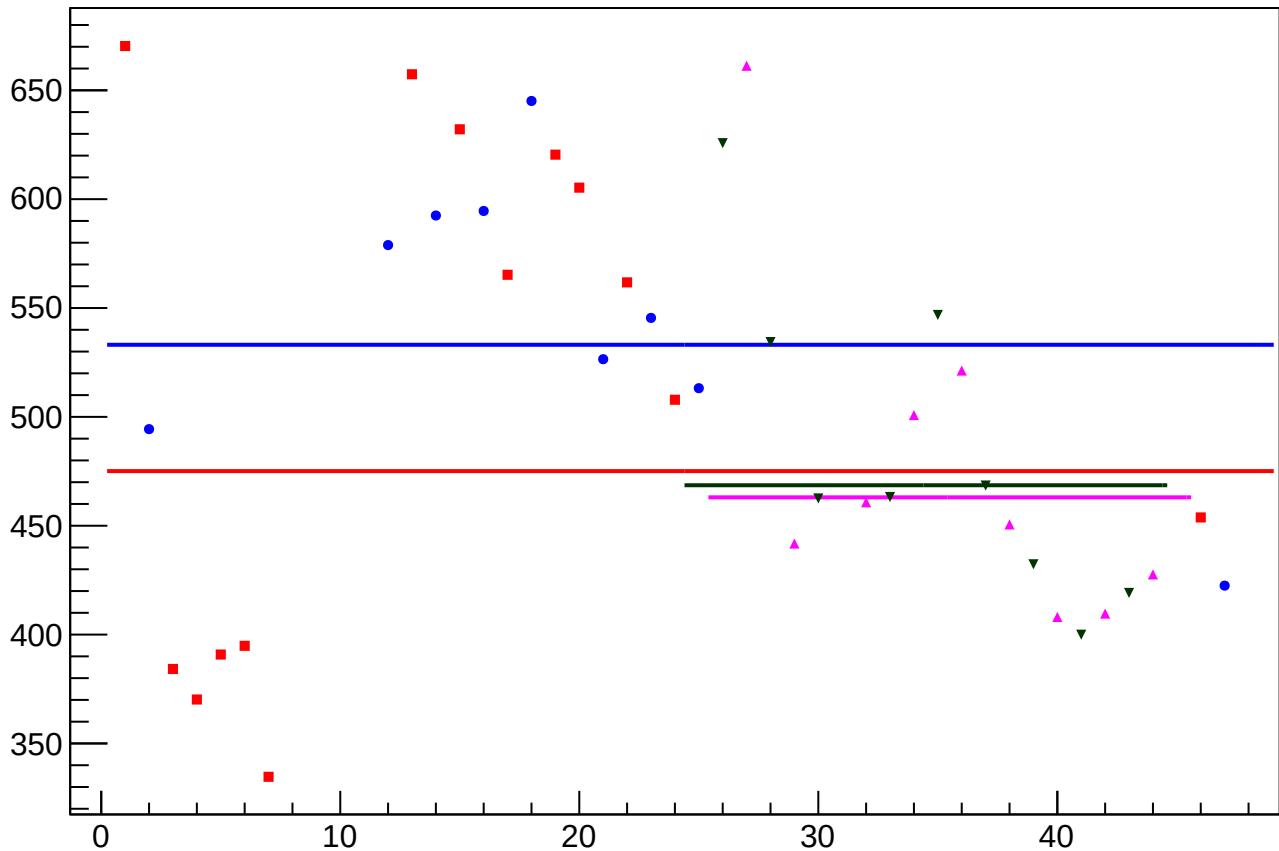
Left Out: 160.700 ± 214.338 χ^2/NDF : 7.4/8

-94.432 ± 103.931 χ^2/NDF : 43.7/40

Right Out: -541.513 ± 196.997 χ^2/NDF : 16.9/13

Left In: 97.893 ± 197.421 χ^2/NDF : 9.8/8

asym_right_avg_correction_rms vs slug



Right In: 533.118 $\pm$ 0.161 χ^2 /NDF: 156596.2/8

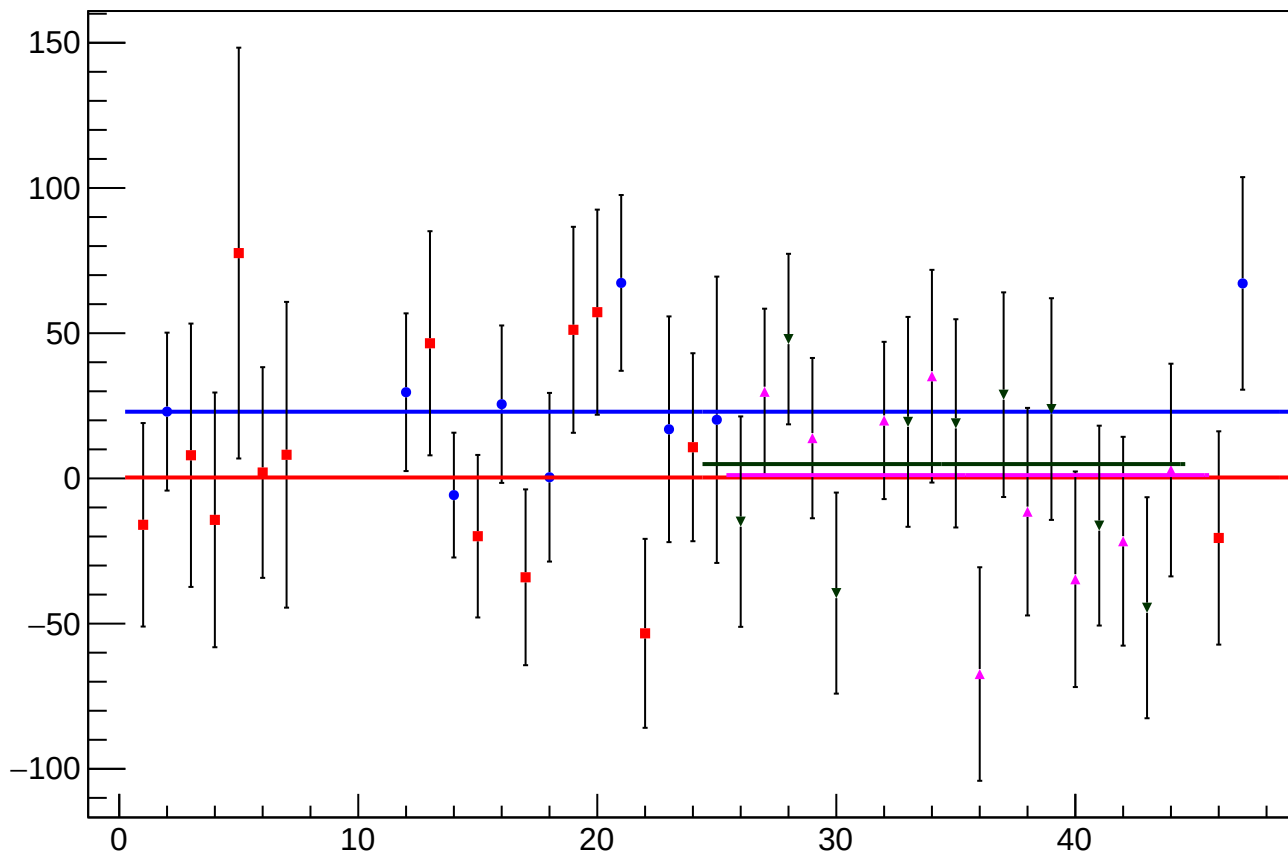
Left Out: 468.599 $\pm$ 0.152 χ^2 /NDF:159871.6/8

Right Out: 475.101 $\pm$ 0.139 χ^2 /NDF: 608559.0/13

Left In: 463.045 $\pm$ 0.140 χ^2 /NDF:217144.5/8

482.380 $\pm$ 0.073 χ^2 /NDF: 1272166.6/40

reg_asym_right_dd_mean vs slug



Right In: 22.965+/-9.837 χ^2/NDF : 6.1/8

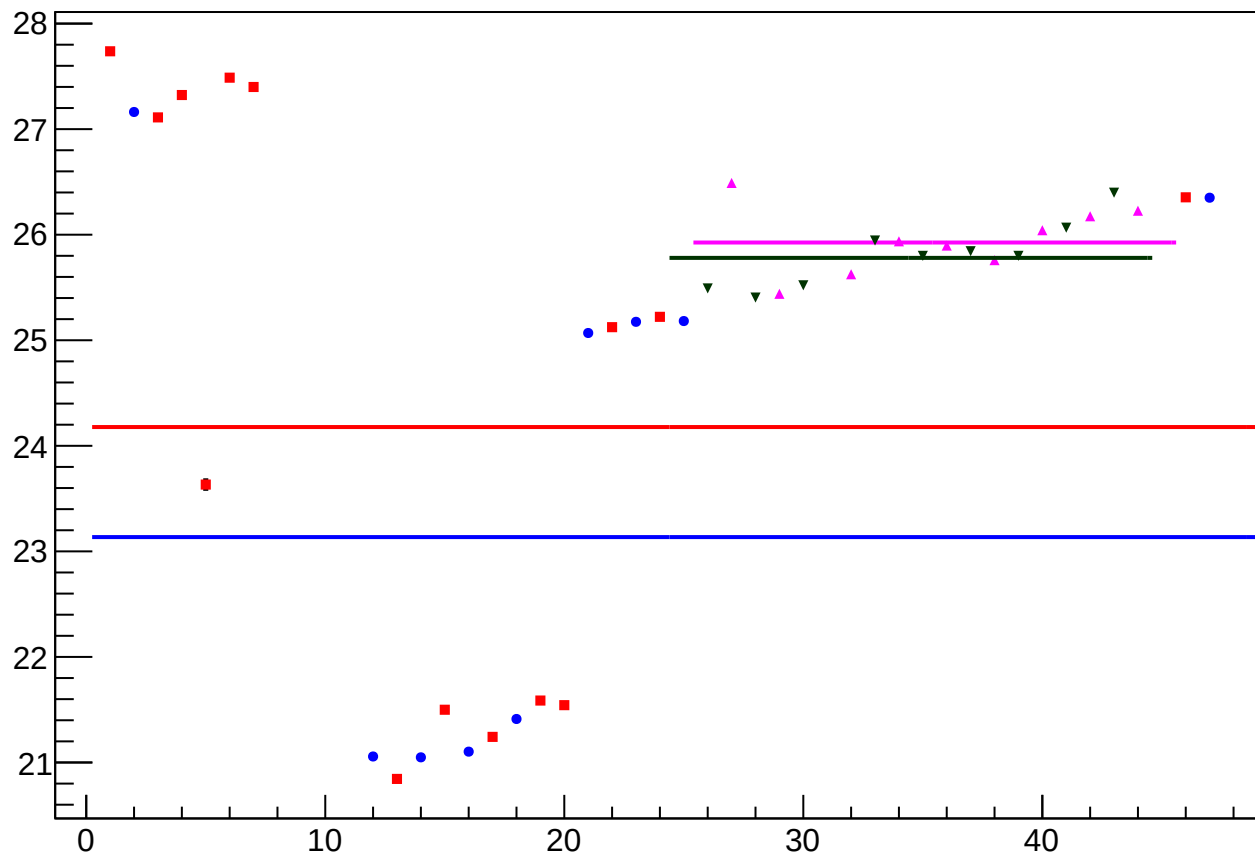
Left Out: 4.935+/-11.682 χ^2/NDF : 7.2/8

Right Out: 0.322+/-9.796 χ^2/NDF : 12.6/13

Left In: 1.137+/-10.902 χ^2/NDF : 7.5/8

7.848+/-5.234 χ^2/NDF : 36.8/40

reg_asym_right_dd_rms vs slug



Right In: 23.135+/-0.007 χ^2/NDF : 125306.4/8

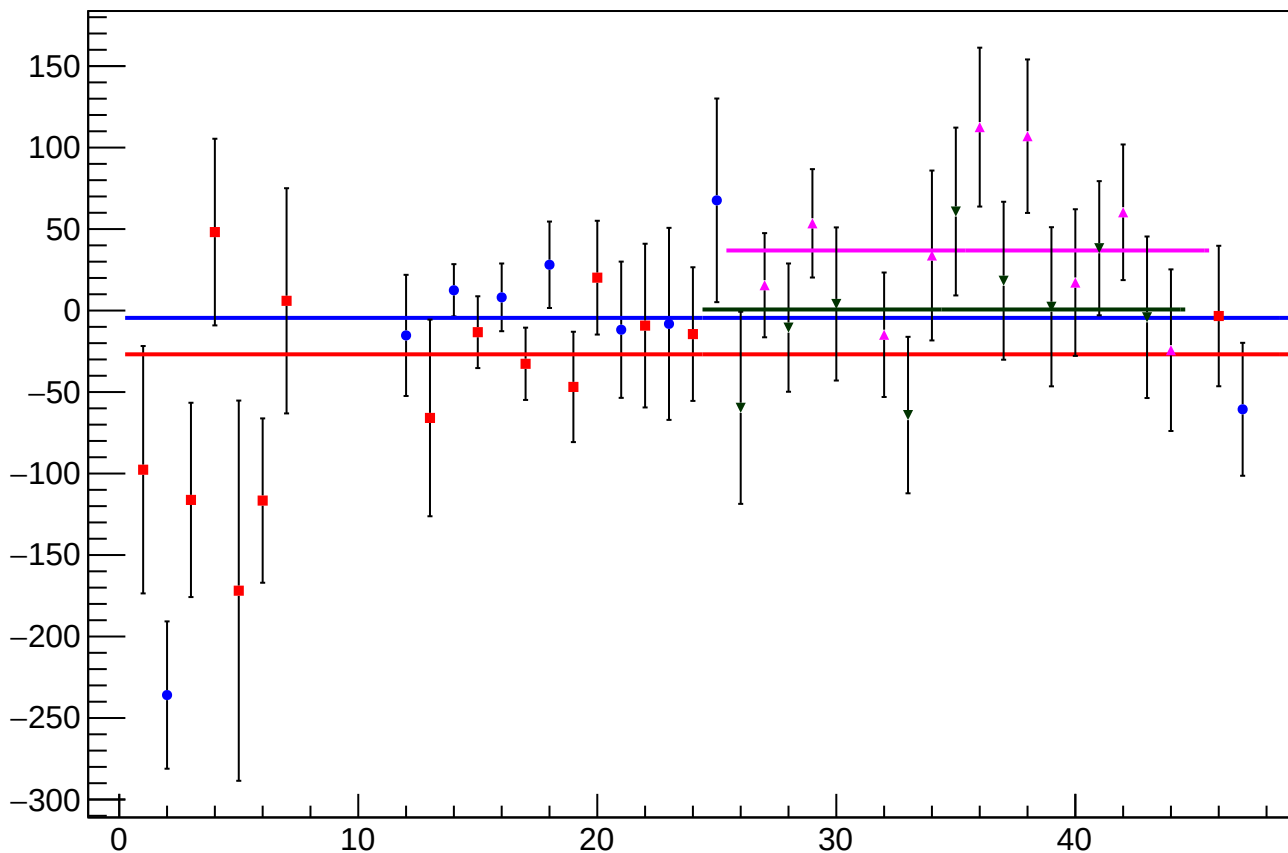
Left Out: 25.780+/-0.008 χ^2/NDF : 1282.1/8

Right Out: 24.178+/-0.007 χ^2/NDF : 148229.7/13

Left In: 25.926+/-0.008 χ^2/NDF : 1941.2/8

24.607+/-0.004 χ^2/NDF : 374817.9/40

asym_right_dd_correction_mean vs slug



Right In: -4.494 ± 9.729 χ^2/NDF : 32.6/8

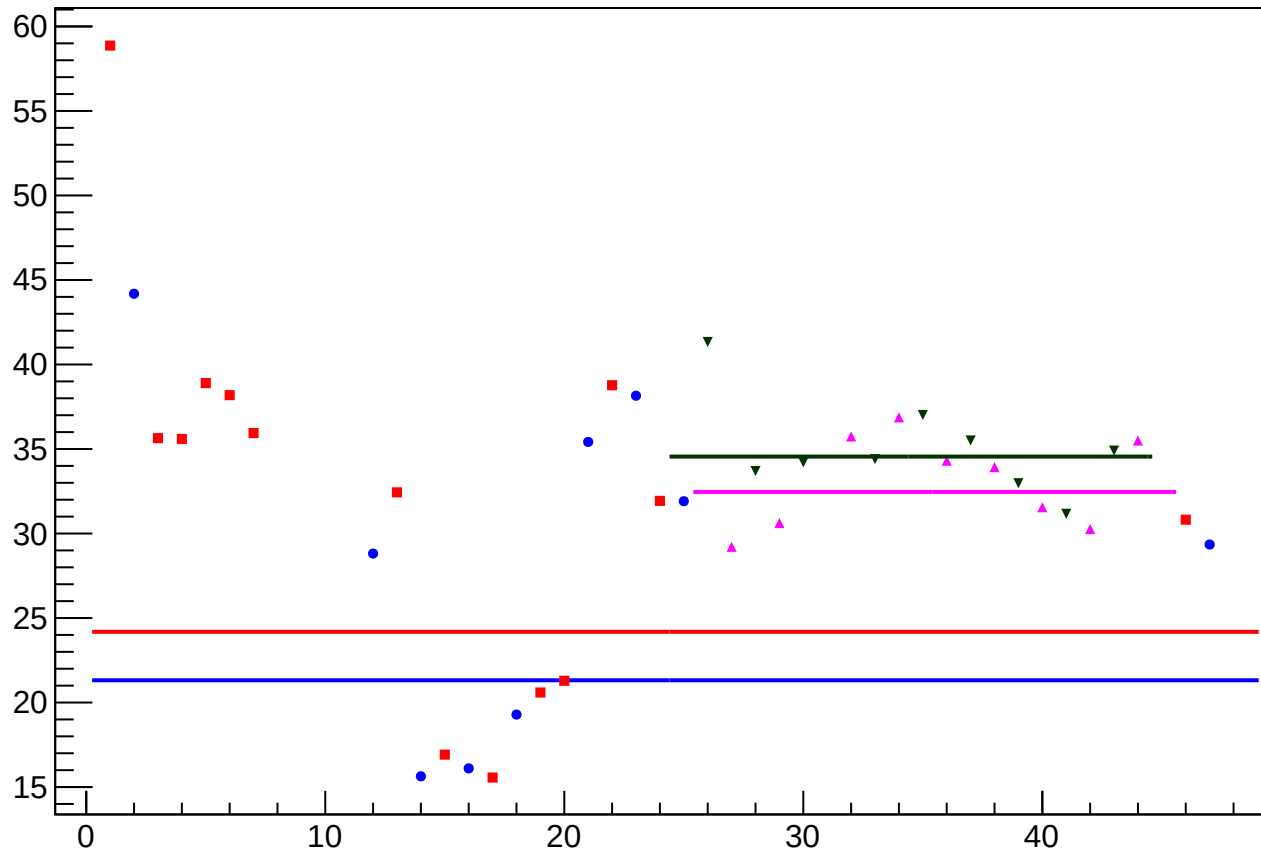
Left Out: 0.666 ± 15.731 χ^2/NDF : 5.3/8

Right Out: -26.851 ± 10.525 χ^2/NDF : 13.3/13

Left In: 36.865 ± 13.752 χ^2/NDF : 9.2/8

-3.190 ± 5.880 χ^2/NDF : 74.0/40

asym_right_dd_correction_rms vs slug



Right In: 21.317+/-0.007 χ^2 /NDF: 1508158.6/8

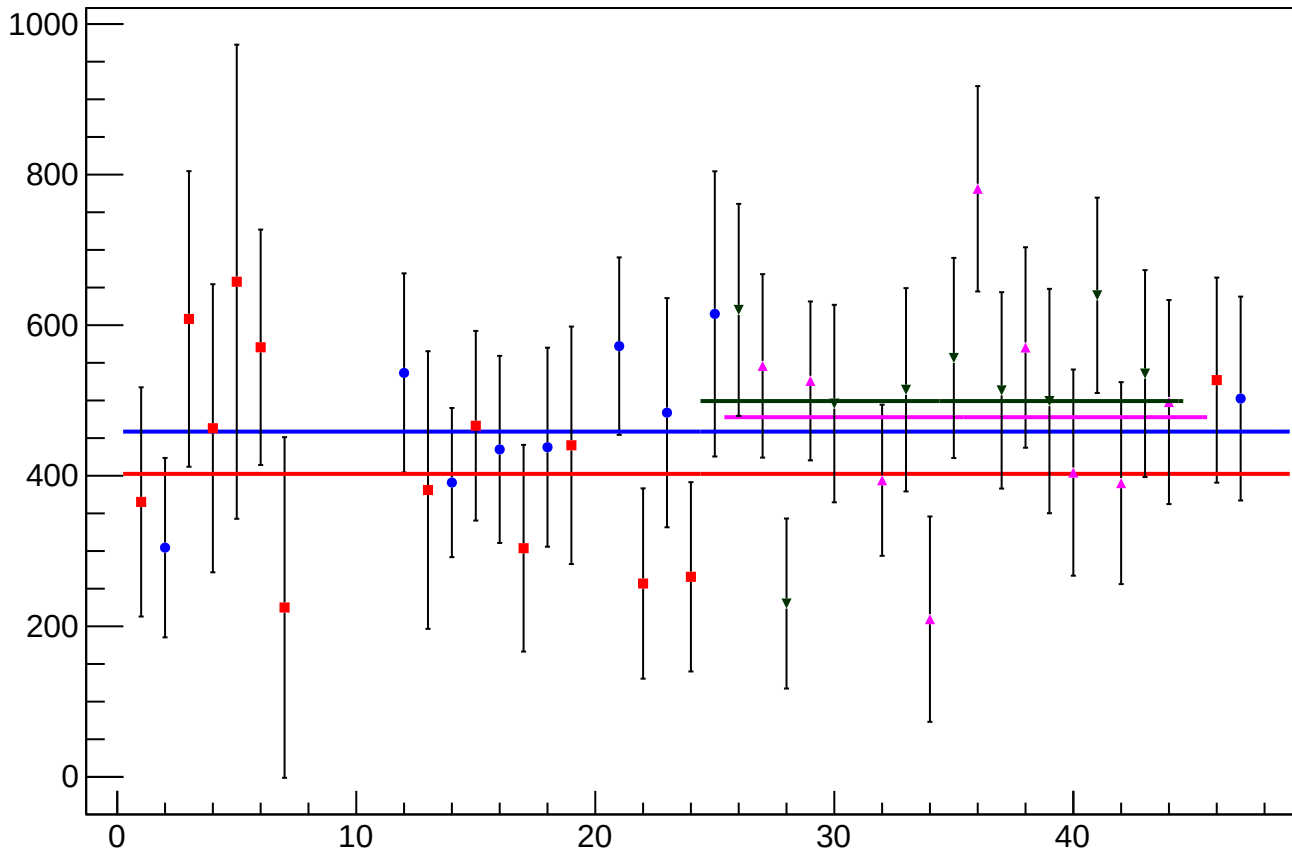
Left Out: 34.552+/-0.011 χ^2 /NDF:48582.2/8

26.099+/-0.004 χ^2 /NDF: 4881860.9/40

Right Out: 24.185+/-0.007 χ^2 /NDF: 1695936.2/13

Left In: 32.459+/-0.010 χ^2 /NDF:74633.7/8

reg_asym_us_avg_mean vs slug



Right In: 458.634 $\pm$ 42.674 χ^2 /NDF: 4.3/8

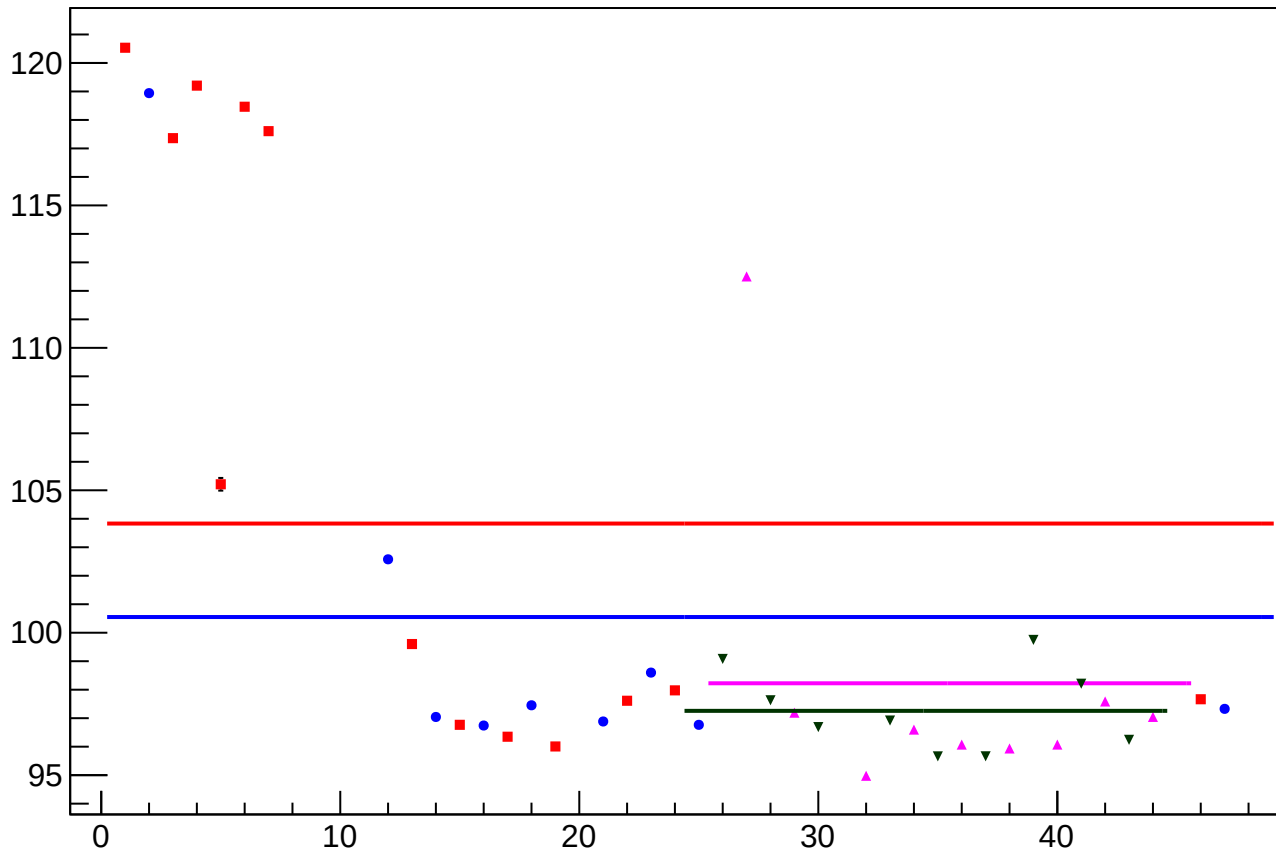
Left Out: 499.205 $\pm$ 44.079 χ^2 /NDF: 7.9/8

Right Out: 402.508 $\pm$ 43.338 χ^2 /NDF: 7.9/12

Left In: 477.806 $\pm$ 41.389 χ^2 /NDF: 11.3/8

459.639 $\pm$ 21.418 χ^2 /NDF: 34.0/39

reg_asym_us_avg_rms vs slug



Right In: 100.551+/-0.030 χ^2/NDF : 57794.6/8

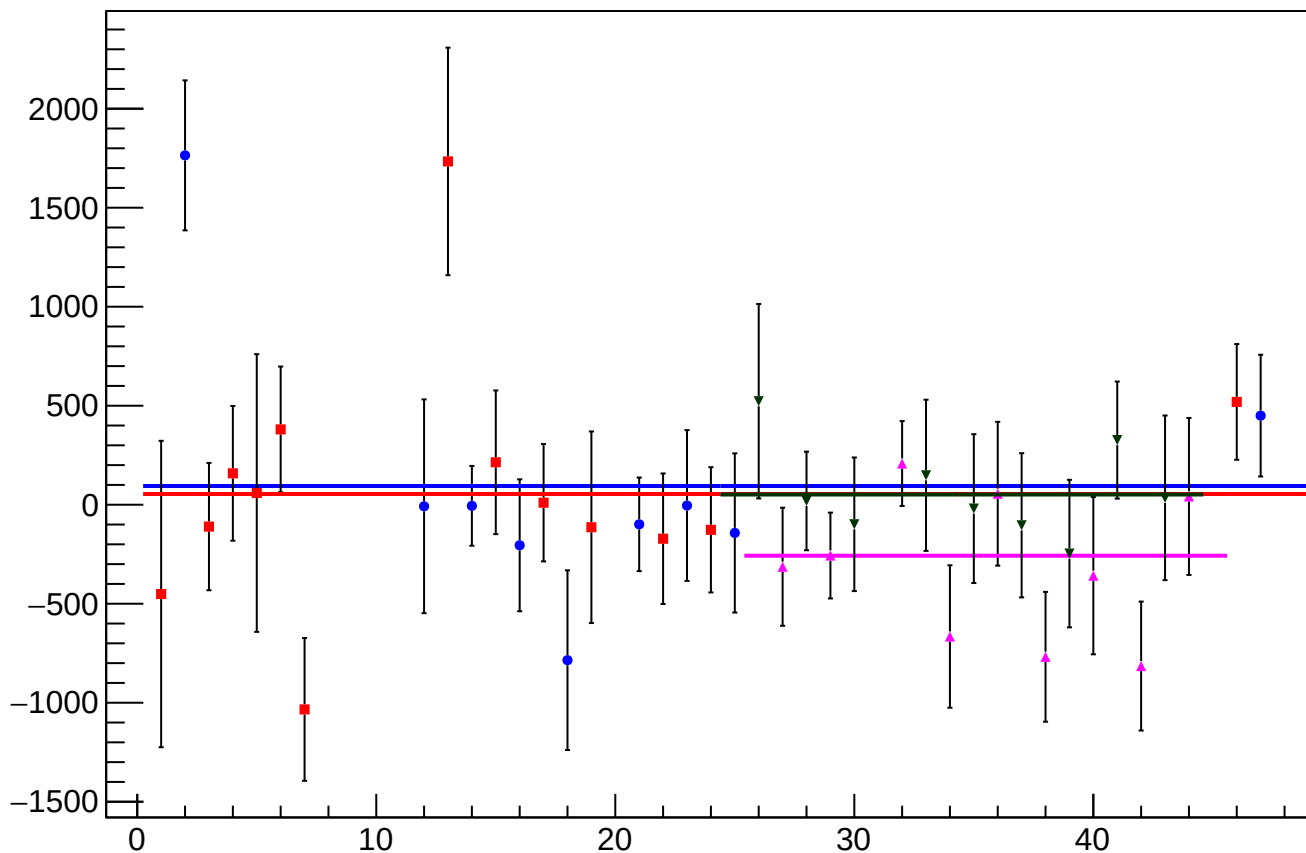
Left Out: 97.257+/-0.031 χ^2/NDF : 1771.7/8

99.952+/-0.015 χ^2/NDF : 221713.5/39

Right Out: 103.832+/-0.031 χ^2/NDF : 102949.5/12

Left In: 98.225+/-0.029 χ^2/NDF : 31817.4/8

asym_us_avg_correction_mean vs slug



Right In: 94.504+/-105.133 χ^2/NDF : 26.7/8

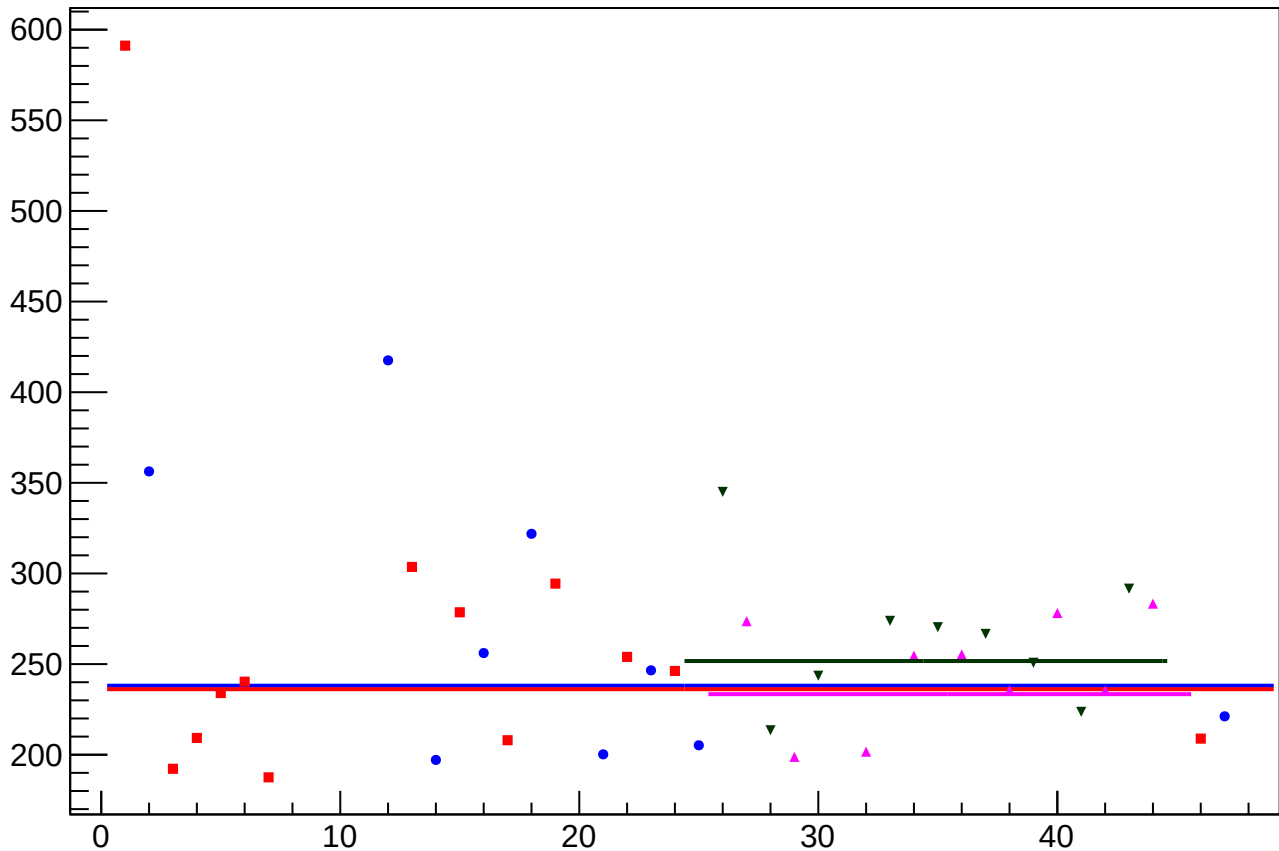
Left Out: 51.608+/-115.473 χ^2/NDF : 2.9/8

Right Out: 54.096+/-101.610 χ^2/NDF : 23.2/12

Left In: -257.473+/-99.480 χ^2/NDF : 12.8/8

-22.998+/-52.459 χ^2/NDF : 73.4/39

asym_us_avg_correction_rms vs slug



Right In: 238.073+/-0.074 χ^2/NDF : 644349.6/8

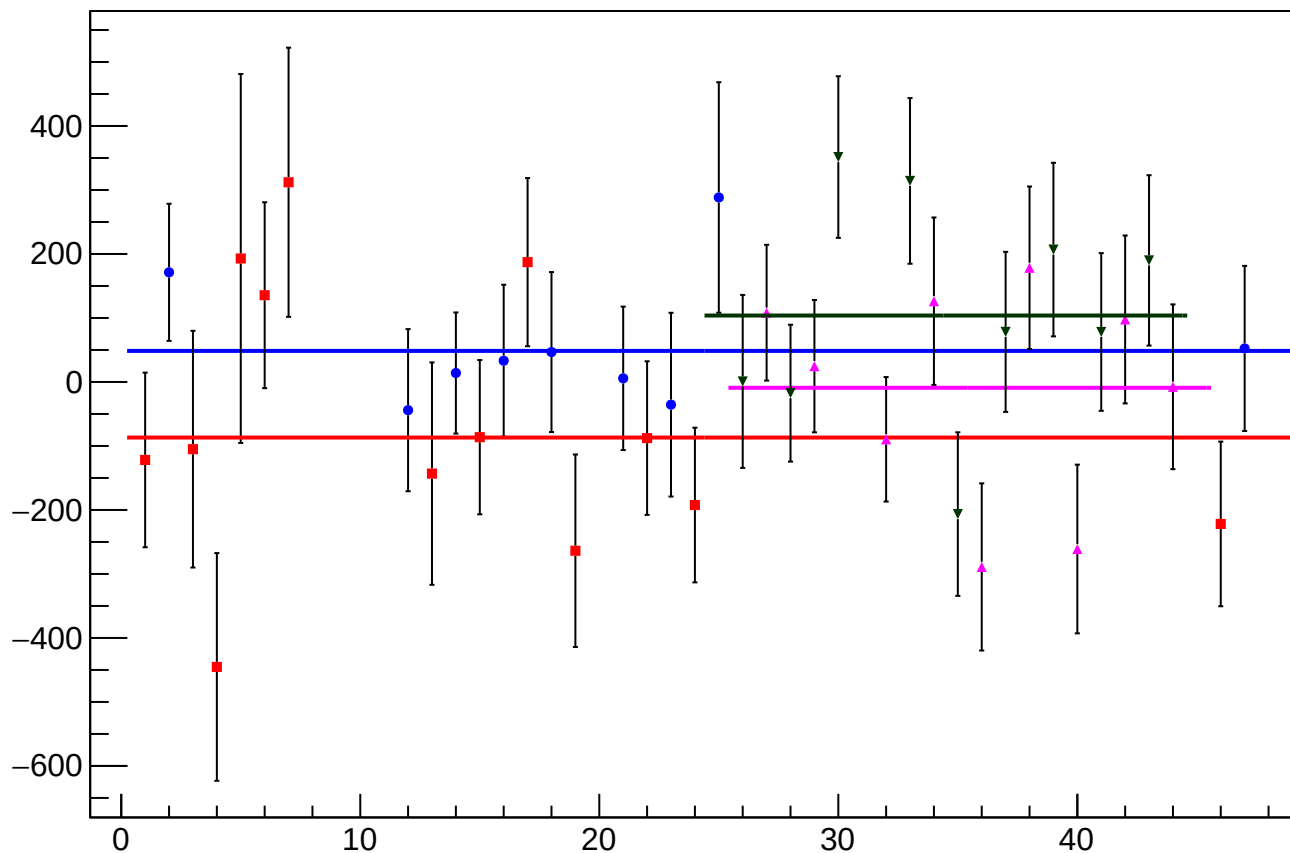
Left Out: 251.694+/-0.082 χ^2/NDF :171994.2/8

Right Out: 236.147+/-0.072 χ^2/NDF : 634878.0/12

Left In: 233.416+/-0.070 χ^2/NDF :202731.8/8

239.076+/-0.037 χ^2/NDF : 1686155.2/39

reg_asym_us_dd_mean vs slug



Right In: 48.540 ± 40.321 χ^2/NDF : 4.3/8

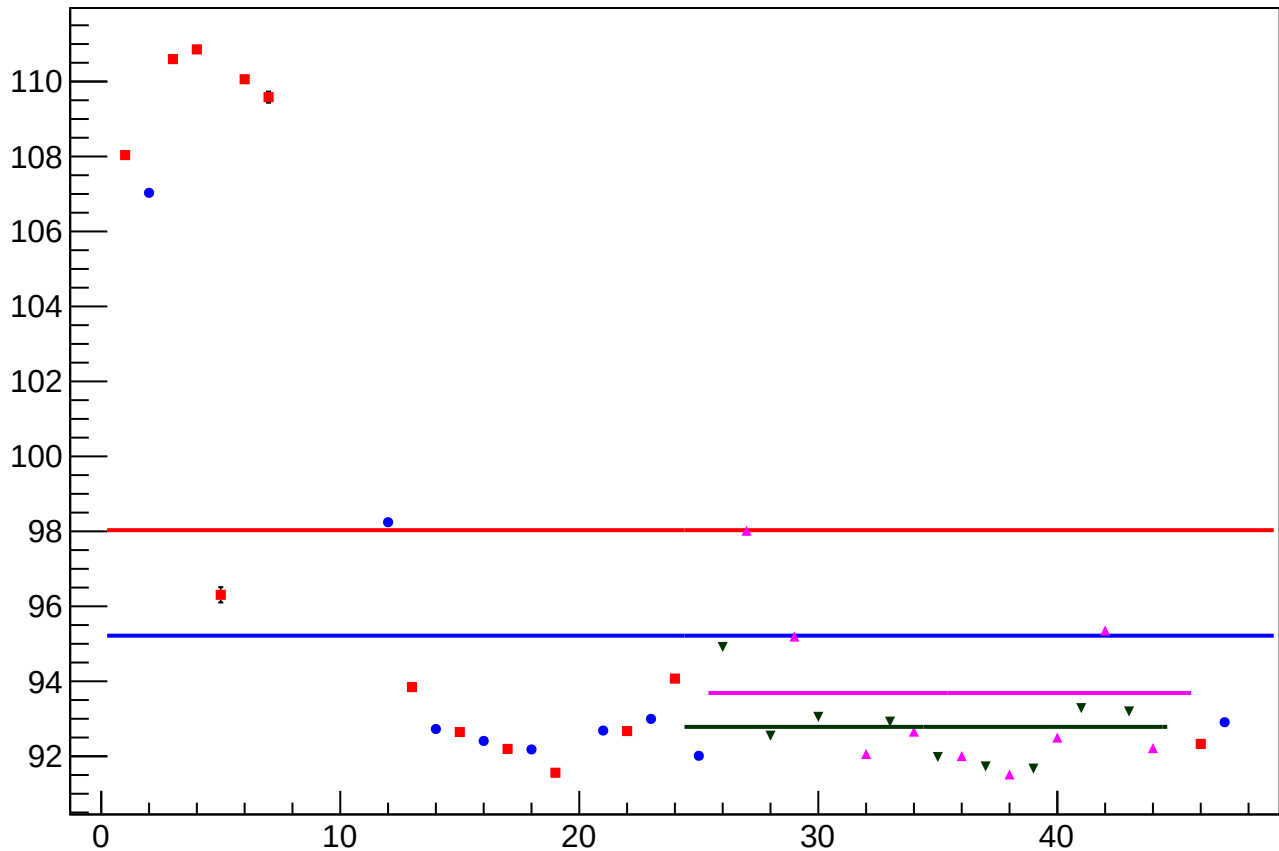
Left Out: 103.808 ± 42.016 χ^2/NDF : 15.3/8

Right Out: -86.850 ± 40.858 χ^2/NDF : 18.7/12

Left In: -9.084 ± 39.431 χ^2/NDF : 14.2/8

12.705 ± 20.312 χ^2/NDF : 64.2/39

reg_asym_us_dd_rms vs slug



Right In: 95.217+/-0.029 χ^2/NDF : 31920.7/8

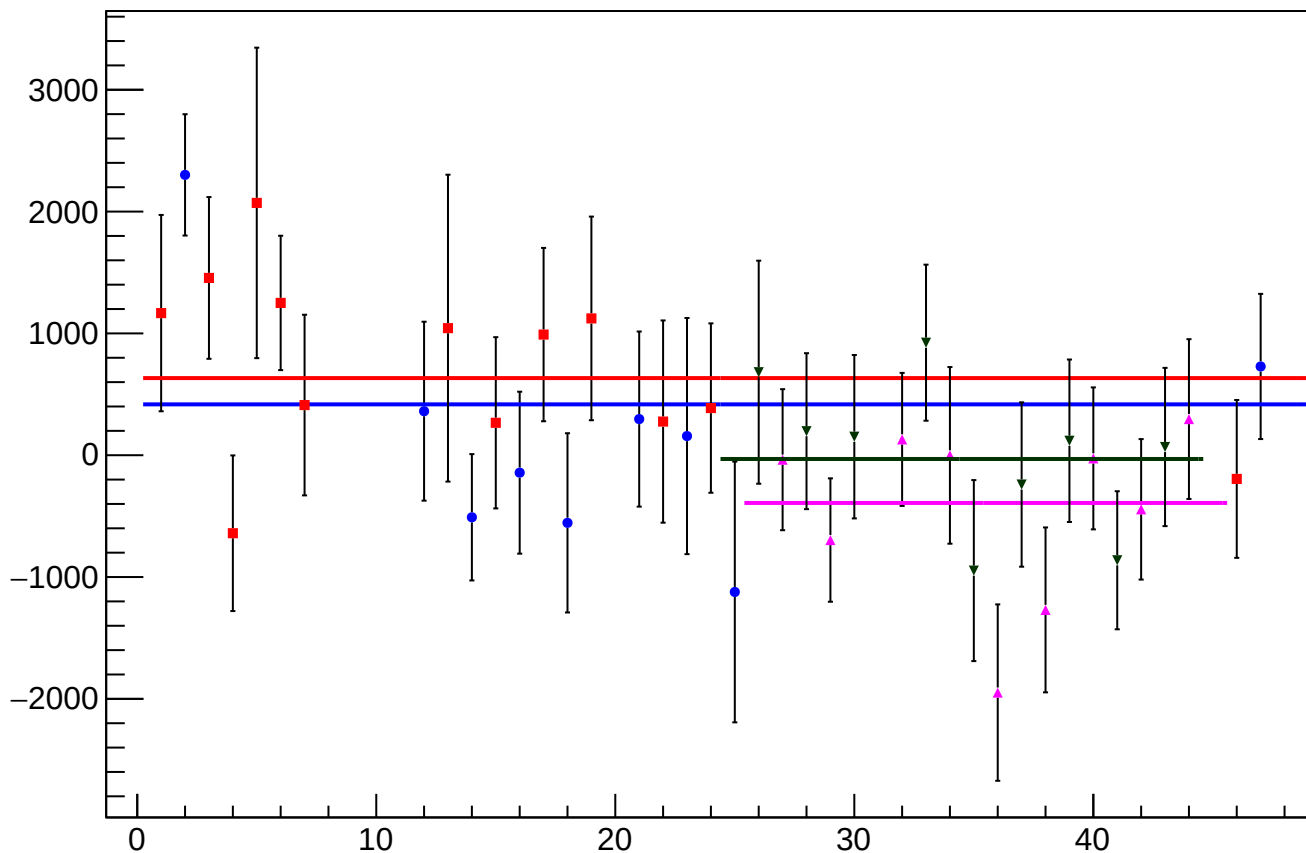
Left Out: 92.784+/-0.030 χ^2/NDF : 926.8/8

Right Out: 98.031+/-0.029 χ^2/NDF : 73076.1/12

Left In: 93.688+/-0.028 χ^2/NDF : 6103.0/8

94.938+/-0.014 χ^2/NDF : 130851.9/39

asym_us_dd_correction_mean vs slug



Right In: 417.489 ± 221.364 χ^2/NDF : 22.4/8

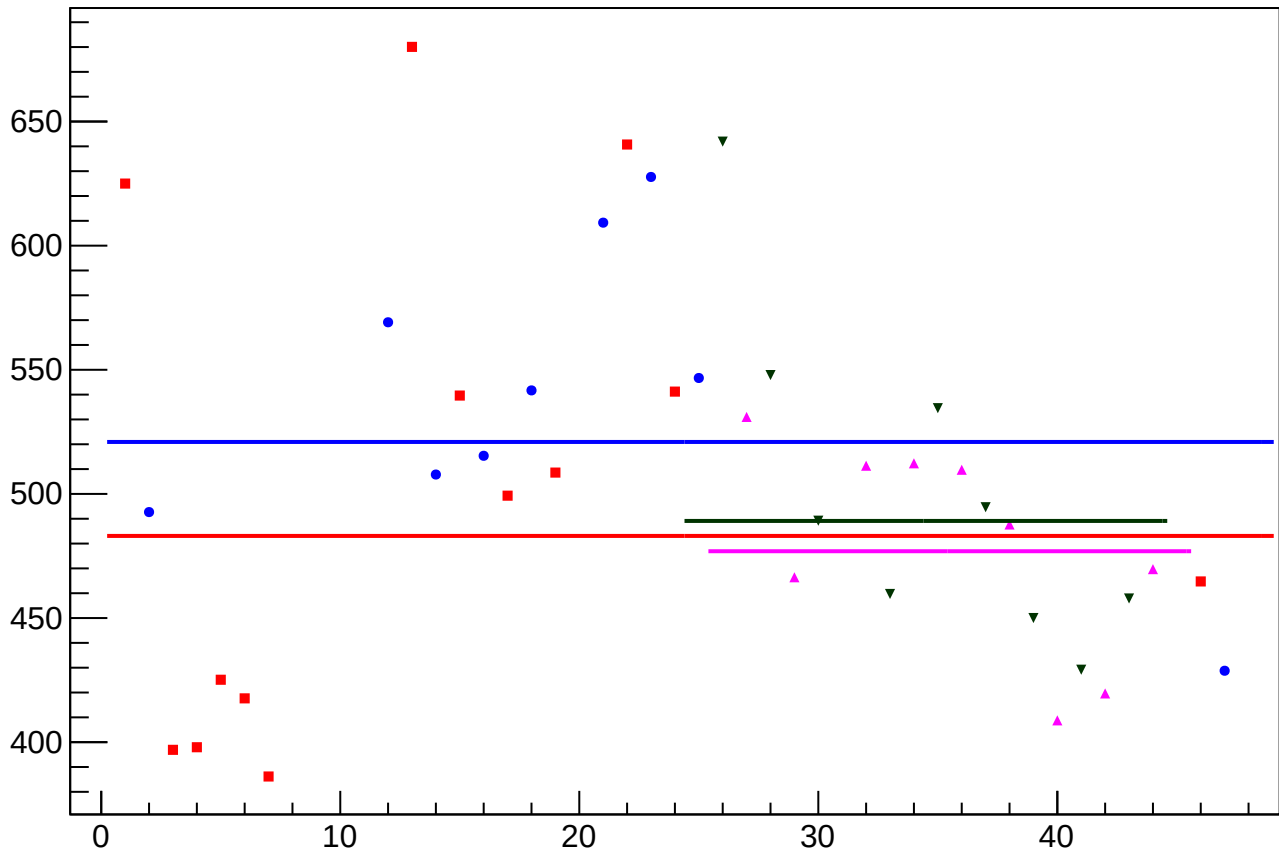
Left Out: -30.846 ± 223.404 χ^2/NDF : 6.9/8

Right Out: 633.193 ± 204.350 χ^2/NDF : 11.5/12

Left In: -391.795 ± 202.006 χ^2/NDF : 9.8/8

151.452 ± 106.061 χ^2/NDF : 65.4/39

asym_us_dd_correction_rms vs slug



Right In: 520.931 $\pm$ 0.157 χ^2/NDF : 121522.2/8

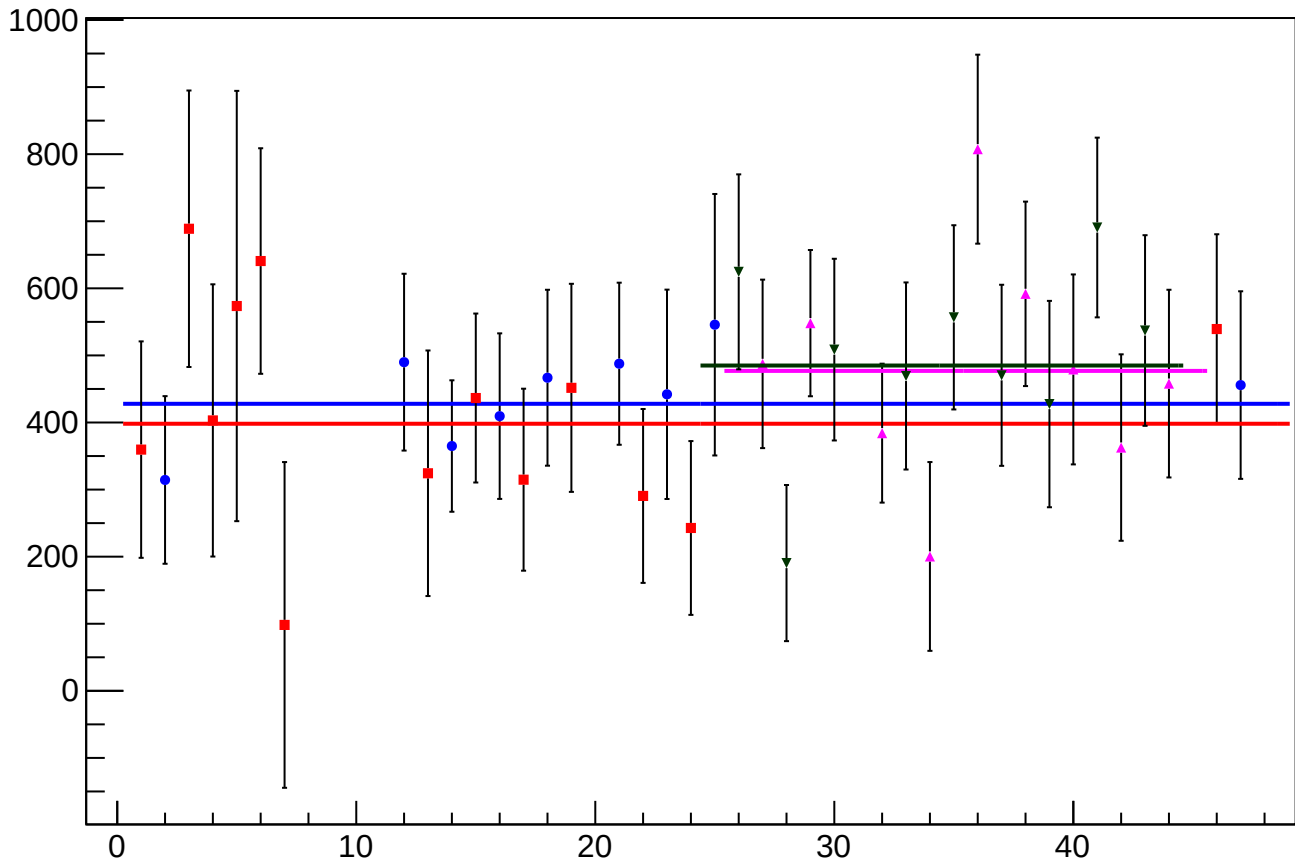
Left Out: 489.117 $\pm$ 0.158 χ^2/NDF : 118259.2/8

Right Out: 483.079 $\pm$ 0.144 χ^2/NDF : 350201.0/12

Left In: 476.913 $\pm$ 0.143 χ^2/NDF : 82979.4/8

491.430 $\pm$ 0.075 χ^2/NDF : 722366.3/39

reg_asym_ds_avg_mean vs slug



Right In: 427.875+/-43.164 χ^2/NDF : 2.2/8

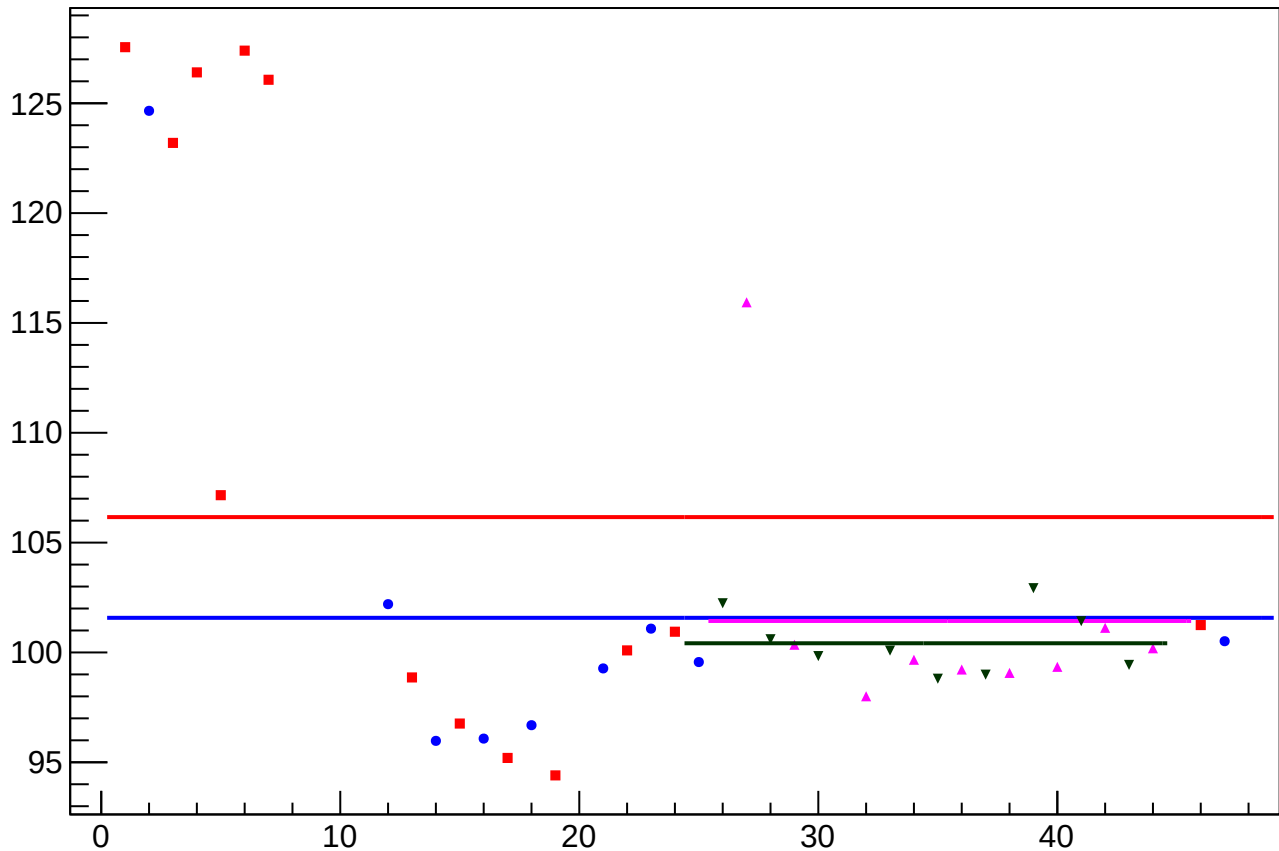
Left Out: 484.931+/-45.520 χ^2/NDF : 10.3/8

Right Out: 398.139+/-44.438 χ^2/NDF : 9.8/12

Left In: 476.911+/-42.742 χ^2/NDF : 12.0/8

446.841+/-21.963 χ^2/NDF : 36.9/39

reg_asym_ds_avg_rms vs slug



Right In: 101.576 ± 0.031 χ^2/NDF : 82664.7/8

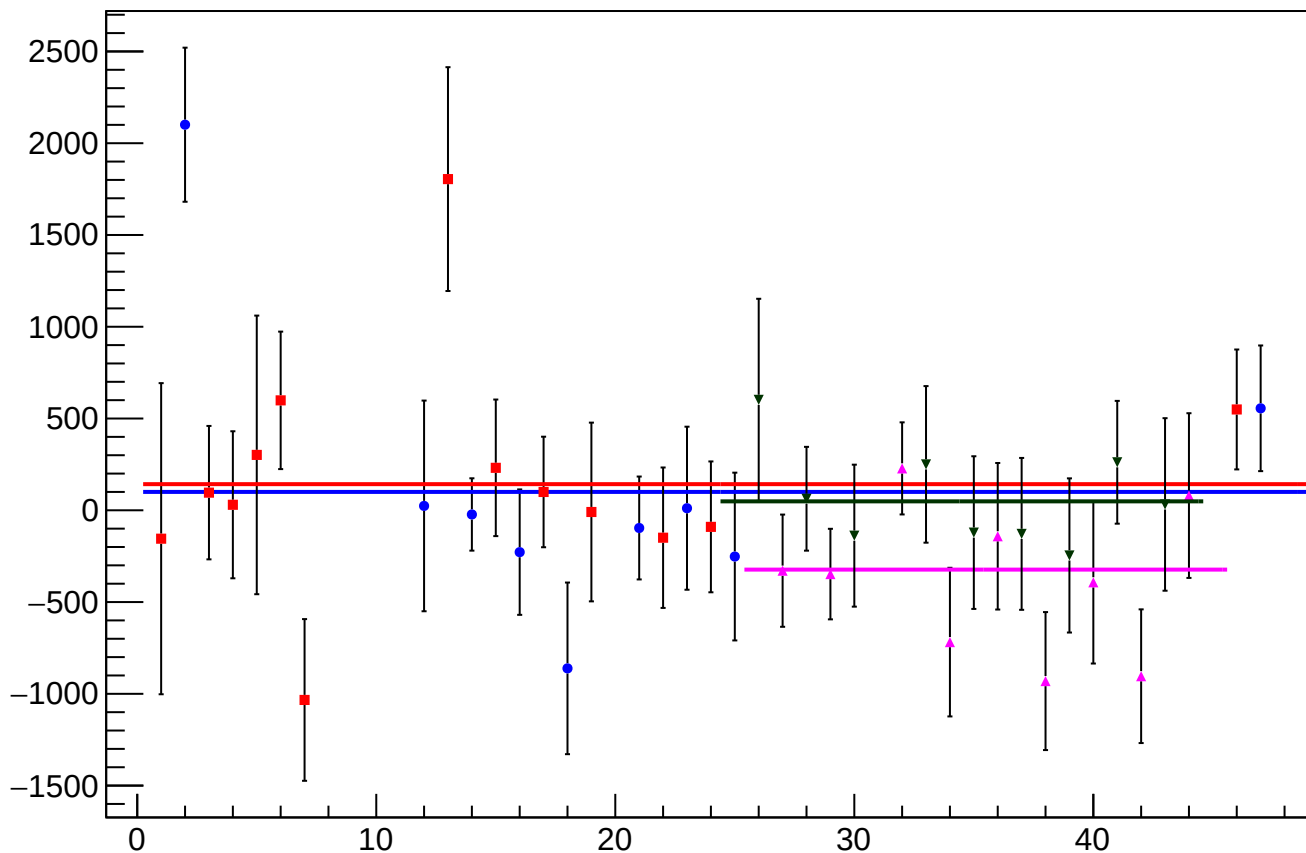
Left Out: 100.418 ± 0.032 χ^2/NDF : 1608.4/8

Right Out: 106.161 ± 0.031 χ^2/NDF : 163054.0/12

Left In: 101.433 ± 0.030 χ^2/NDF : 31082.9/8

102.389 ± 0.016 χ^2/NDF : 298281.7/39

asym_ds_avg_correction_mean vs slug



Right In: 100.119 ± 112.712 χ^2/NDF : 31.2/8

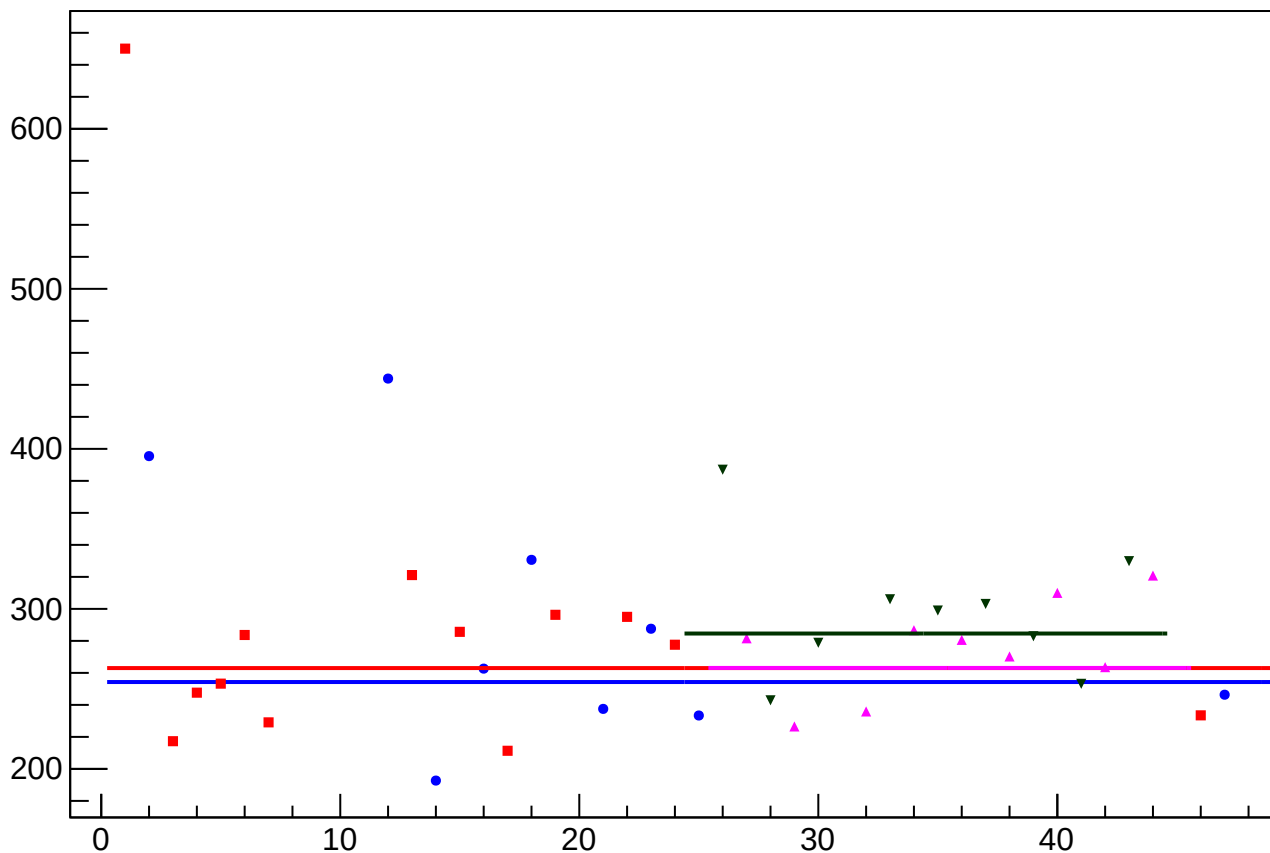
Left Out: 48.612 ± 130.479 χ^2/NDF : 2.7/8

Right Out: 142.398 ± 112.908 χ^2/NDF : 19.0/12

Left In: -323.204 ± 111.749 χ^2/NDF : 12.0/8

-13.432 ± 58.126 χ^2/NDF : 75.7/39

asym_ds_avg_correction_rms vs slug



Right In: 254.286 ± 0.080 χ^2/NDF : 718101.4/8

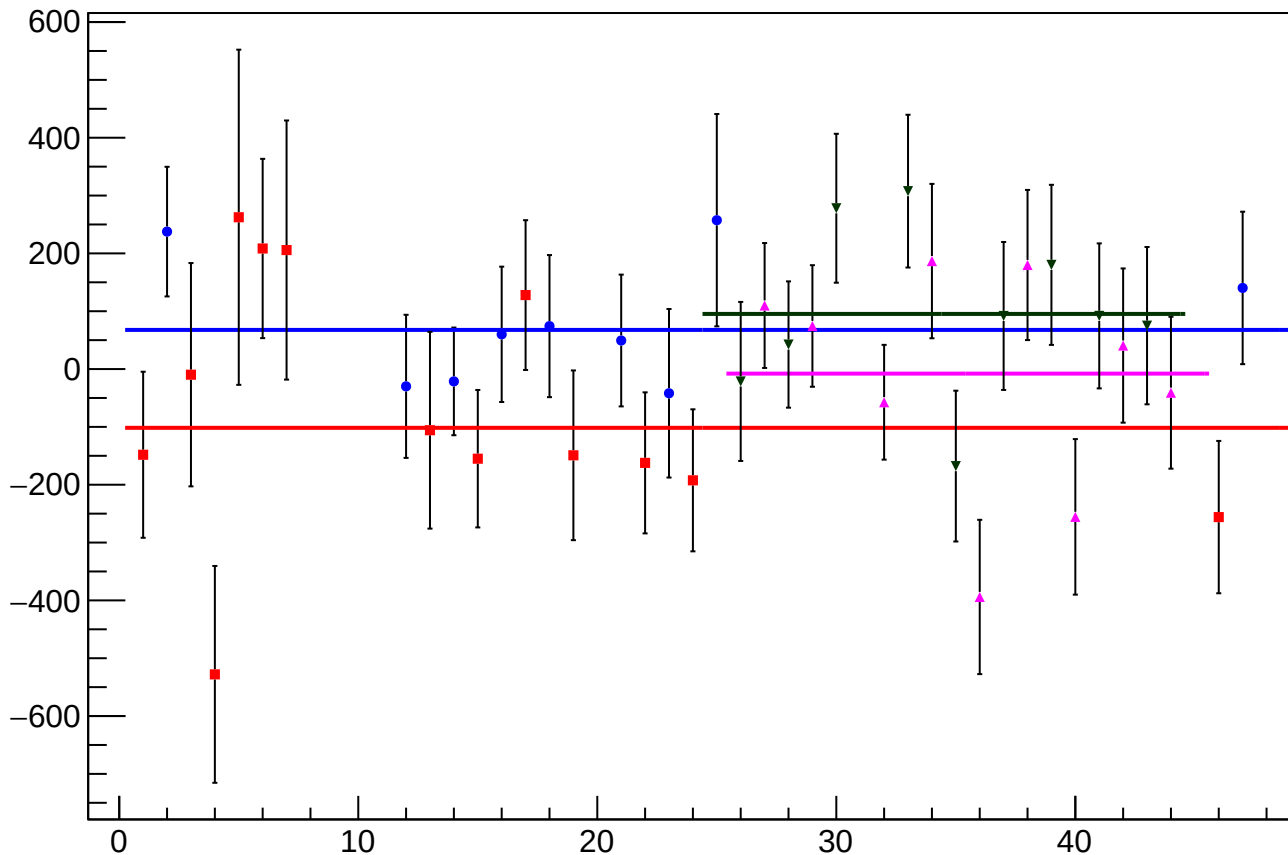
Left Out: 284.597 ± 0.092 χ^2/NDF : 160790.3/8

Right Out: 263.008 ± 0.080 χ^2/NDF : 597570.1/12

Left In: 263.096 ± 0.079 χ^2/NDF : 141743.3/8

264.997 ± 0.041 χ^2/NDF : 1682597.1/39

reg_asym_ds_dd_mean vs slug



Right In: 67.691 $\pm$ 40.454 χ^2 /NDF: 5.8/8

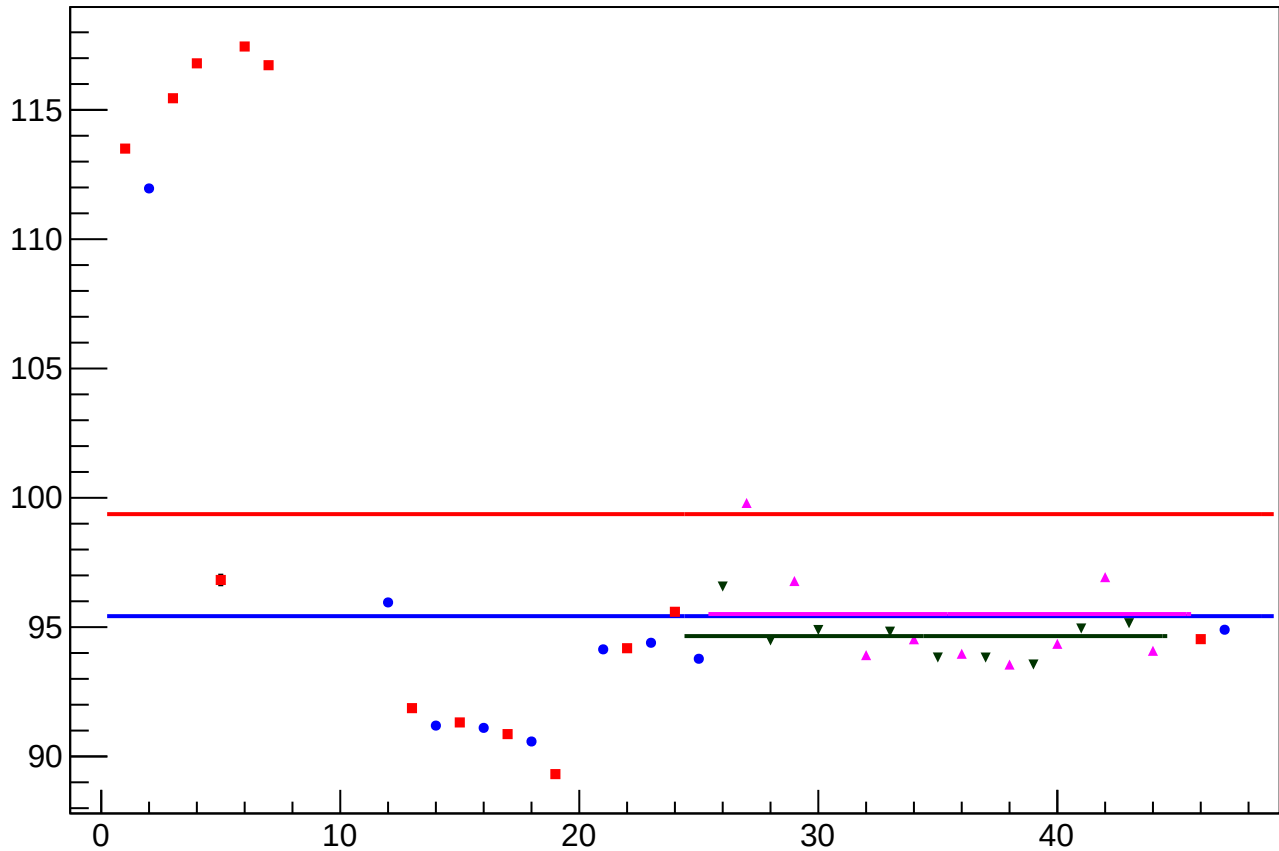
Left Out: 95.335 $\pm$ 42.864 χ^2 /NDF:10.0/8

Right Out: -101.594 $\pm$ 41.525 χ^2 /NDF: 18.6/12

Left In: -7.854 $\pm$ 40.192 χ^2 /NDF:18.2/8

12.517 $\pm$ 20.610 χ^2 /NDF: 66.1/39

reg_asym_ds_dd_rms vs slug



Right In: 95.425+/-0.029 χ^2 /NDF: 54114.0/8

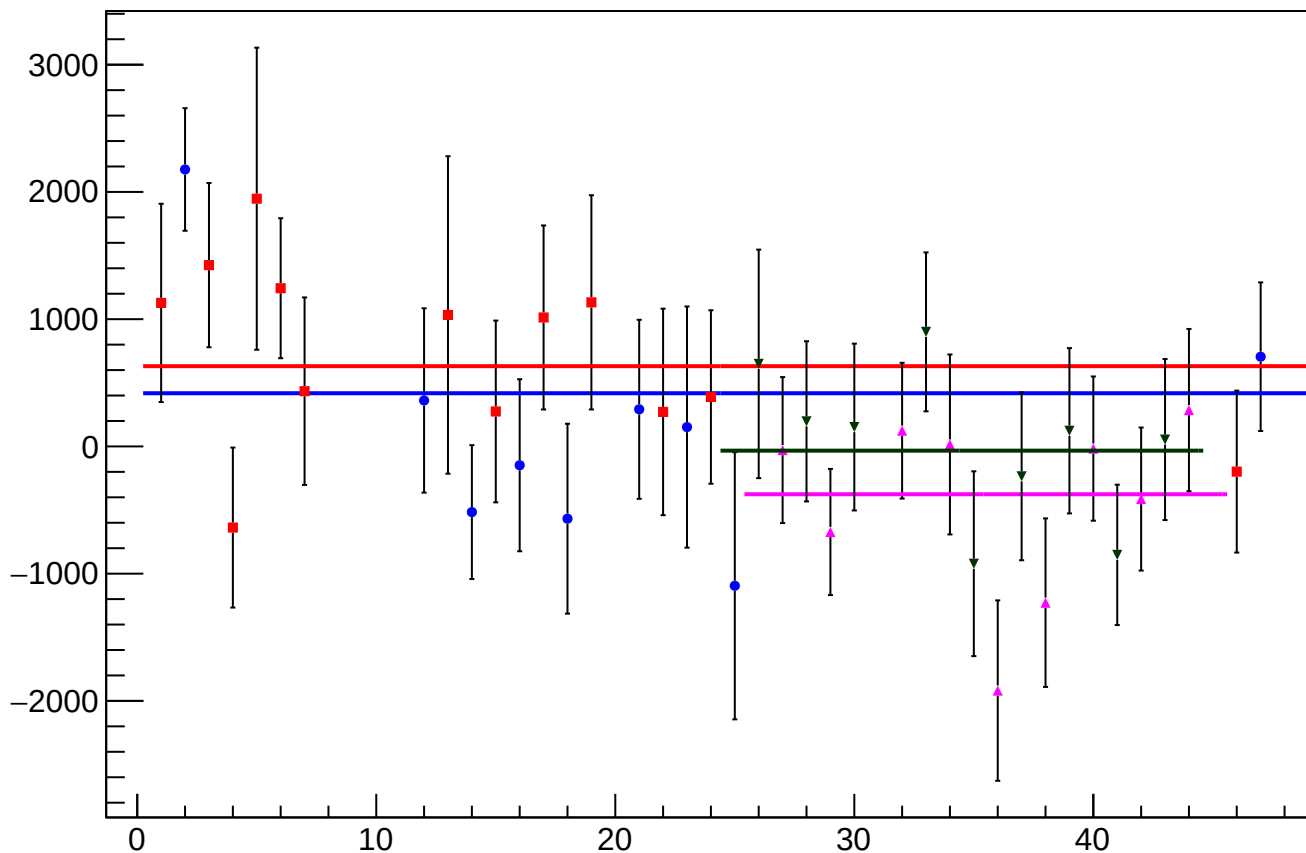
Left Out: 94.654+/-0.030 χ^2 /NDF: 732.0/8

96.240+/-0.015 χ^2 /NDF: 205056.1/39

Right Out: 99.369+/-0.029 χ^2 /NDF: 129227.0/12

Left In: 95.506+/-0.028 χ^2 /NDF: 5406.5/8

asym_ds_dd_correction_mean vs slug



Right In: 417.996 ± 219.324 χ^2/NDF : 21.4/8

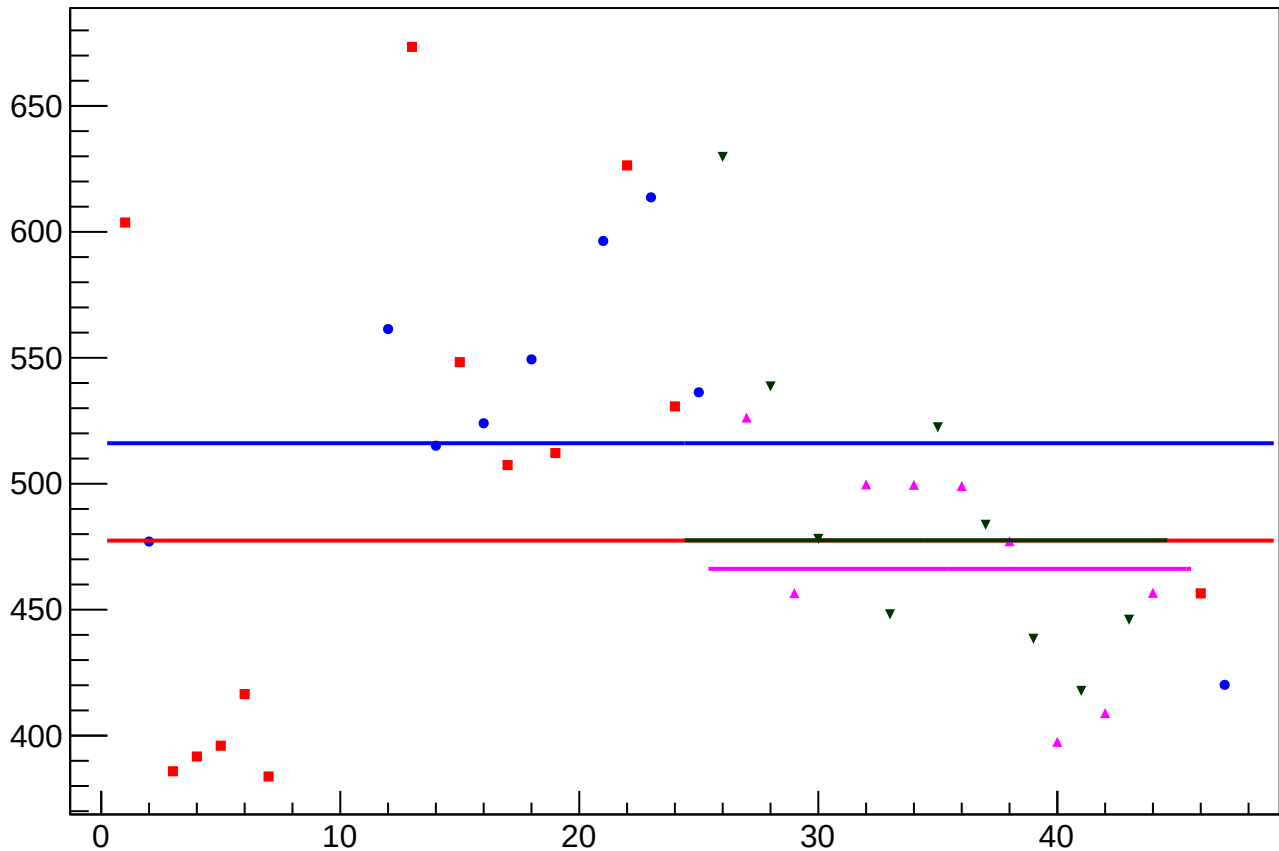
Left Out: -33.276 ± 218.199 χ^2/NDF : 6.9/8

Right Out: 630.753 ± 202.018 χ^2/NDF : 11.5/12

Left In: -375.947 ± 197.534 χ^2/NDF : 9.8/8

150.247 ± 104.300 χ^2/NDF : 64.5/39

asym_ds_dd_correction_rms vs slug



Right In: 516.081+/-0.155 χ^2/NDF : 127197.9/8

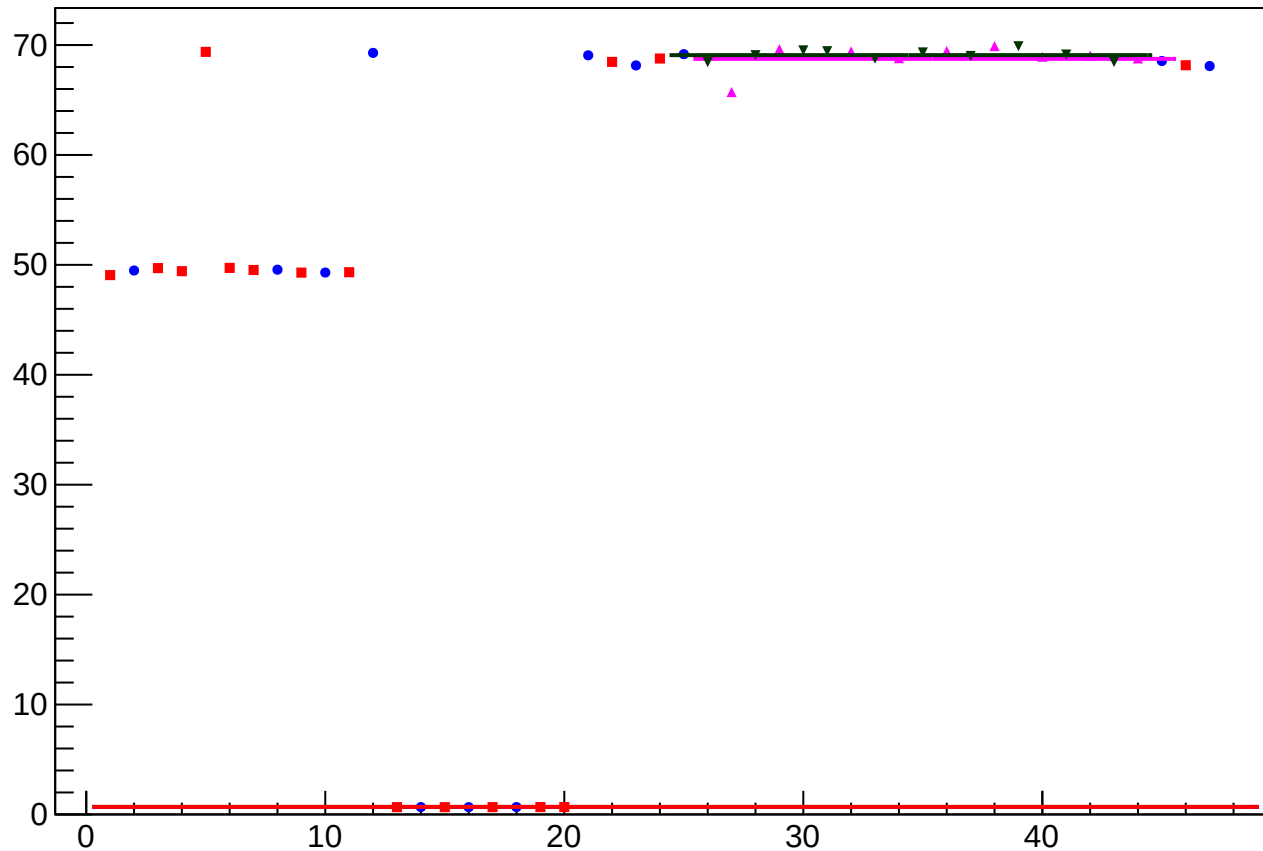
Left Out: 477.560+/-0.154 χ^2/NDF :124255.1/8

483.078+/-0.074 χ^2/NDF : 758623.0/39

Right Out: 477.435+/-0.143 χ^2/NDF : 353995.1/12

Left In: 466.224+/-0.140 χ^2/NDF :90489.4/8

yield_bcm_an_ds_mean vs slug



Right In: 0.684+/-0.000 χ^2/NDF : 693559307426.1/11

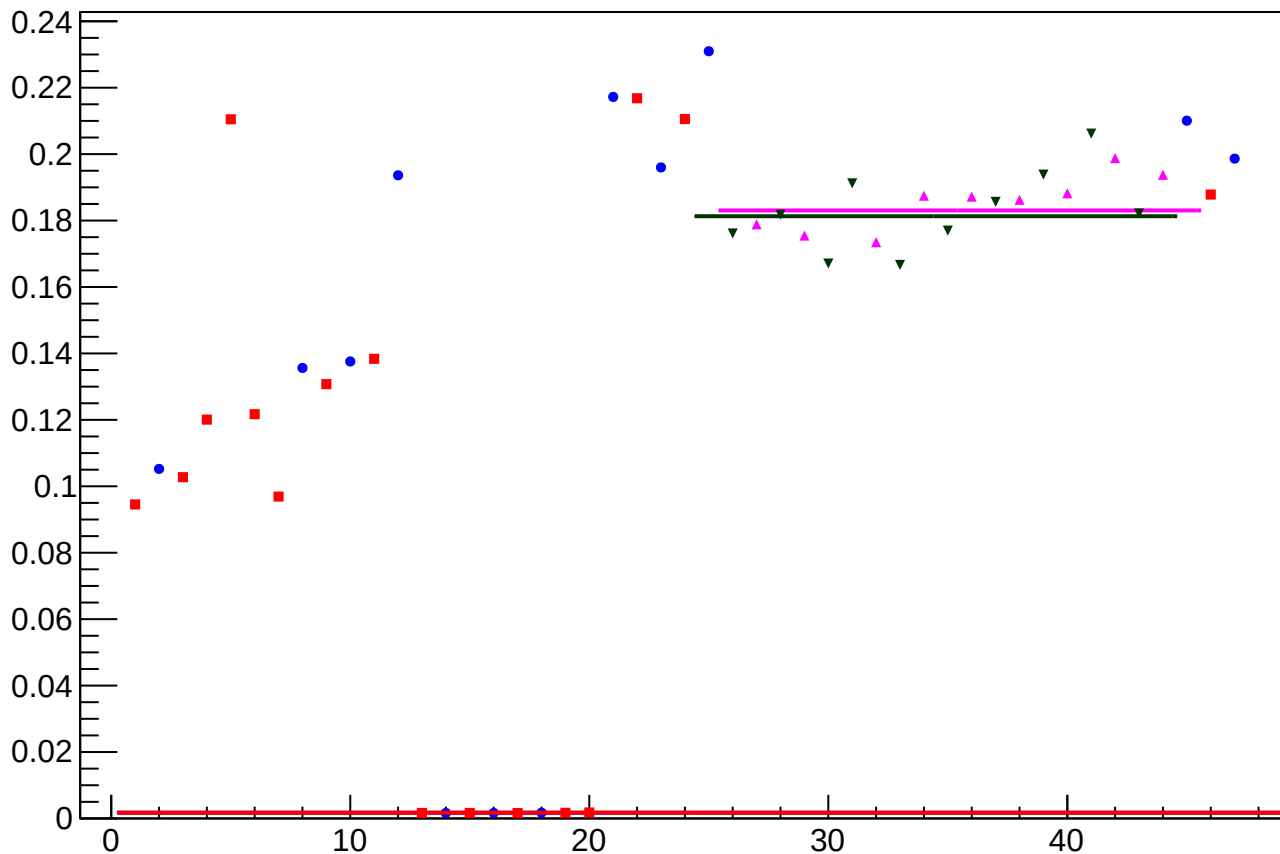
Left Out: 69.080+/-0.000 χ^2/NDF : 27261217.3/9

0.701+/-0.000 χ^2/NDF : 2928454209423.2/46

Right Out: 0.688+/-0.000 χ^2/NDF : 769452172527.0/15

Left In: 68.740+/-0.000 χ^2/NDF : 294554053.4/8

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 10395348.0/11

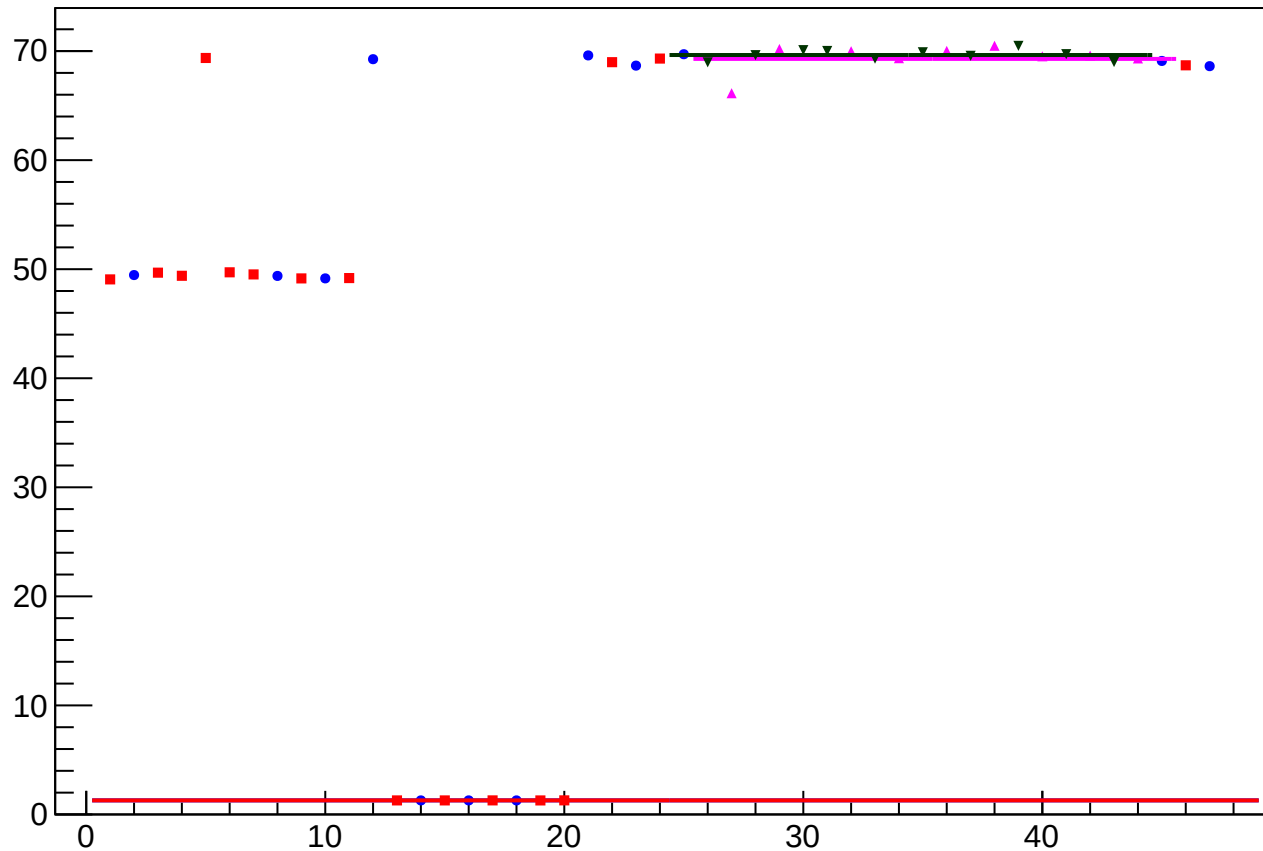
Left Out: 0.181+/-0.000 χ^2/NDF : 38932.5/9

Right Out: 0.002+/-0.000 χ^2/NDF : 978851.6/15

Left In: 0.183+/-0.000 χ^2/NDF : 20510.8/8

0.002+/-0.000 χ^2/NDF : 40752728.2/46

yield_bcm_an_ds3_mean vs slug



Right In: 1.291+/-0.000 χ^2/NDF : 688149019260.1/11

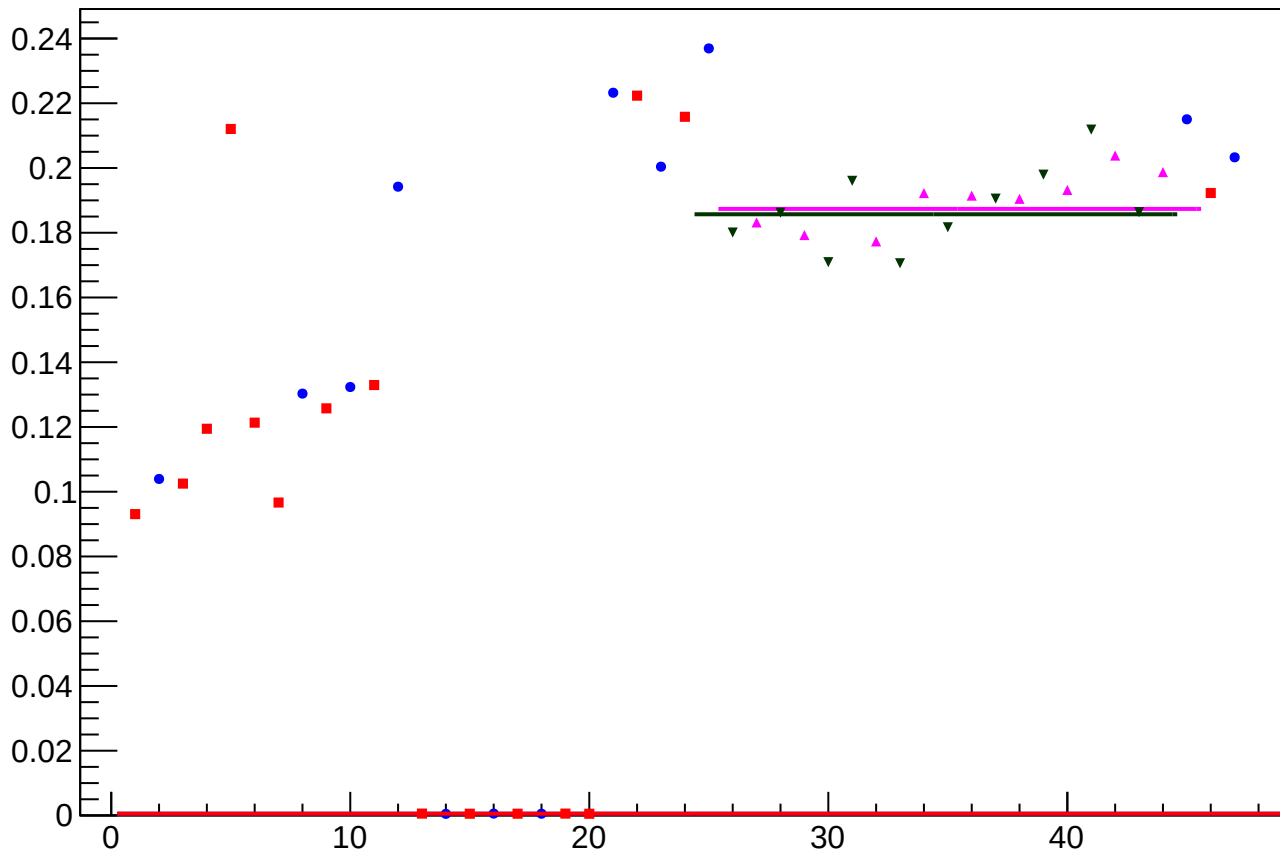
Left Out: 69.640+/-0.000 χ^2/NDF : 28182710.7/9

1.292+/-0.000 χ^2/NDF : 2847822700685.8/46

Right Out: 1.291+/-0.000 χ^2/NDF : 764168003616.5/15

Left In: 69.283+/-0.000 χ^2/NDF : 304584530.1/8

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 10566252.5/11

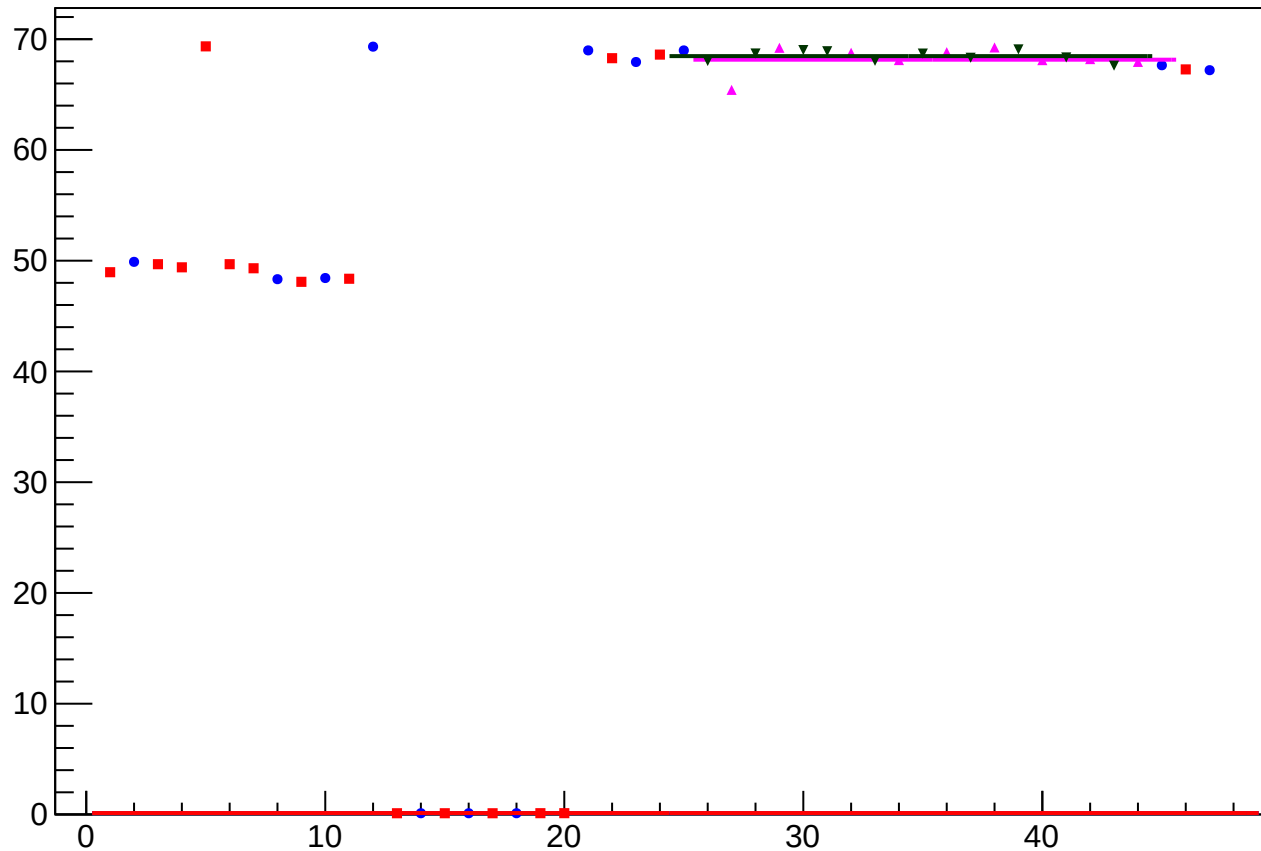
Left Out: 0.186+/-0.000 χ^2/NDF : 39898.6/9

0.001+/-0.000 χ^2/NDF : 41364359.0/46

Right Out: 0.001+/-0.000 χ^2/NDF : 9951188.0/15

Left In: 0.187+/-0.000 χ^2/NDF : 21692.5/8

yield_bcm_an_us_mean vs slug



Right In: 0.123+/-0.000 χ^2/NDF : 695123178622.6/11

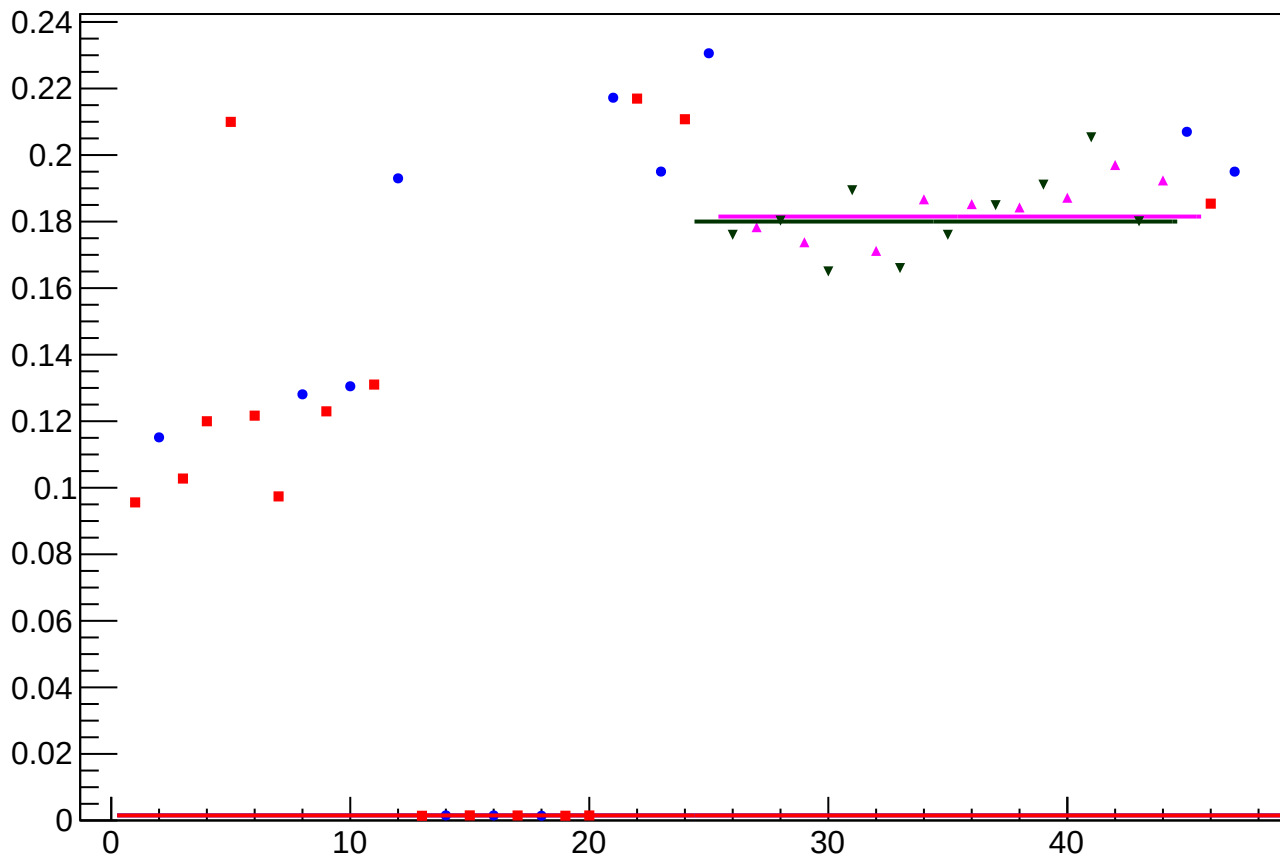
Left Out: 68.471+/-0.000 χ^2/NDF : 31933437.0/9

Right Out: 0.127+/-0.000 χ^2/NDF : 794381084382.0/15

Left In: 68.148+/-0.000 χ^2/NDF : 258142486.6/8

0.136+/-0.000 χ^2/NDF : 2974796482920.4/46

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 10411660.9/11

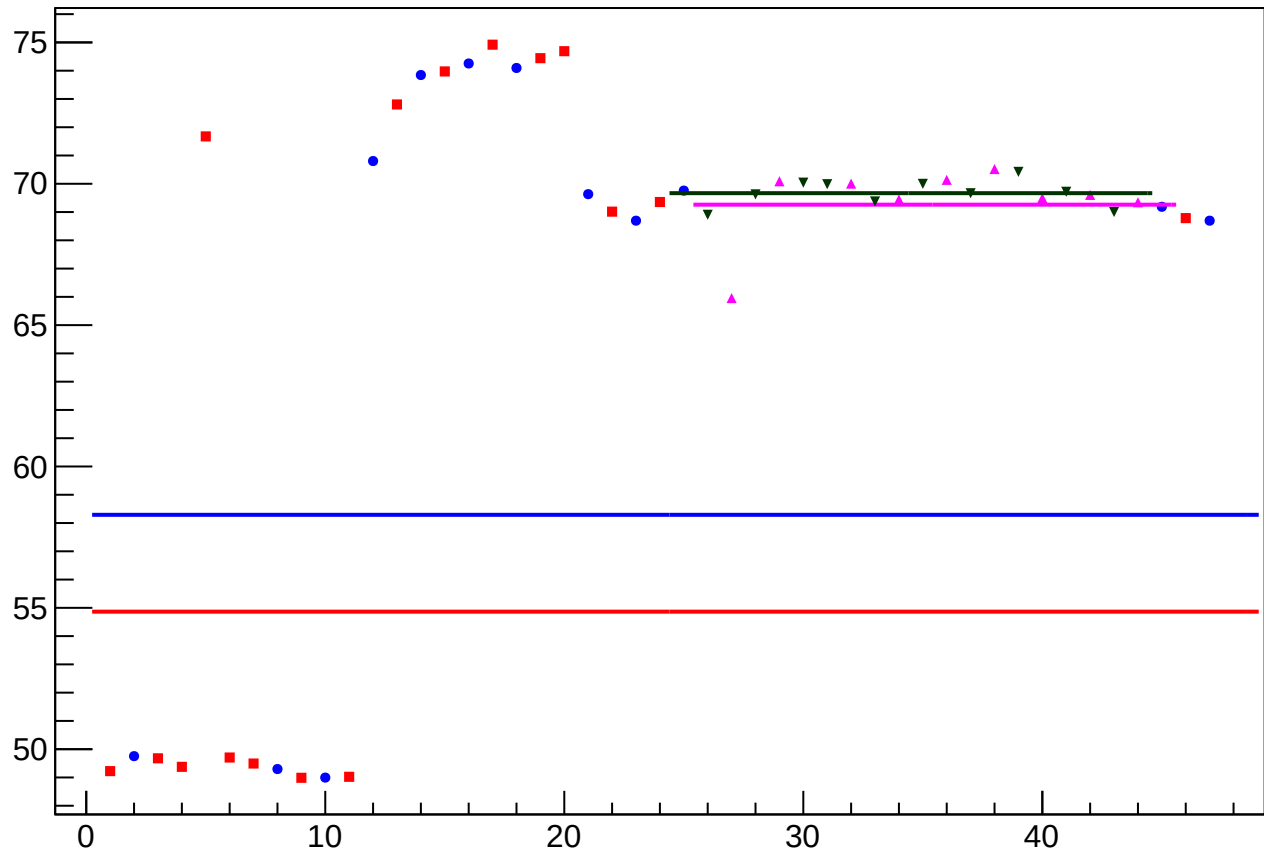
Left Out: 0.180+/-0.000 χ^2/NDF : 38902.7/9

Right Out: 0.002+/-0.000 χ^2/NDF : 9814122.5/15

Left In: 0.182+/-0.000 χ^2/NDF : 21603.7/8

0.002+/-0.000 χ^2/NDF : 40819384.6/46

yield_bcm_dg_us_mean vs slug



Right In: 58.291 $\pm$ 0.000 χ^2 /NDF: 30688205443.7/11

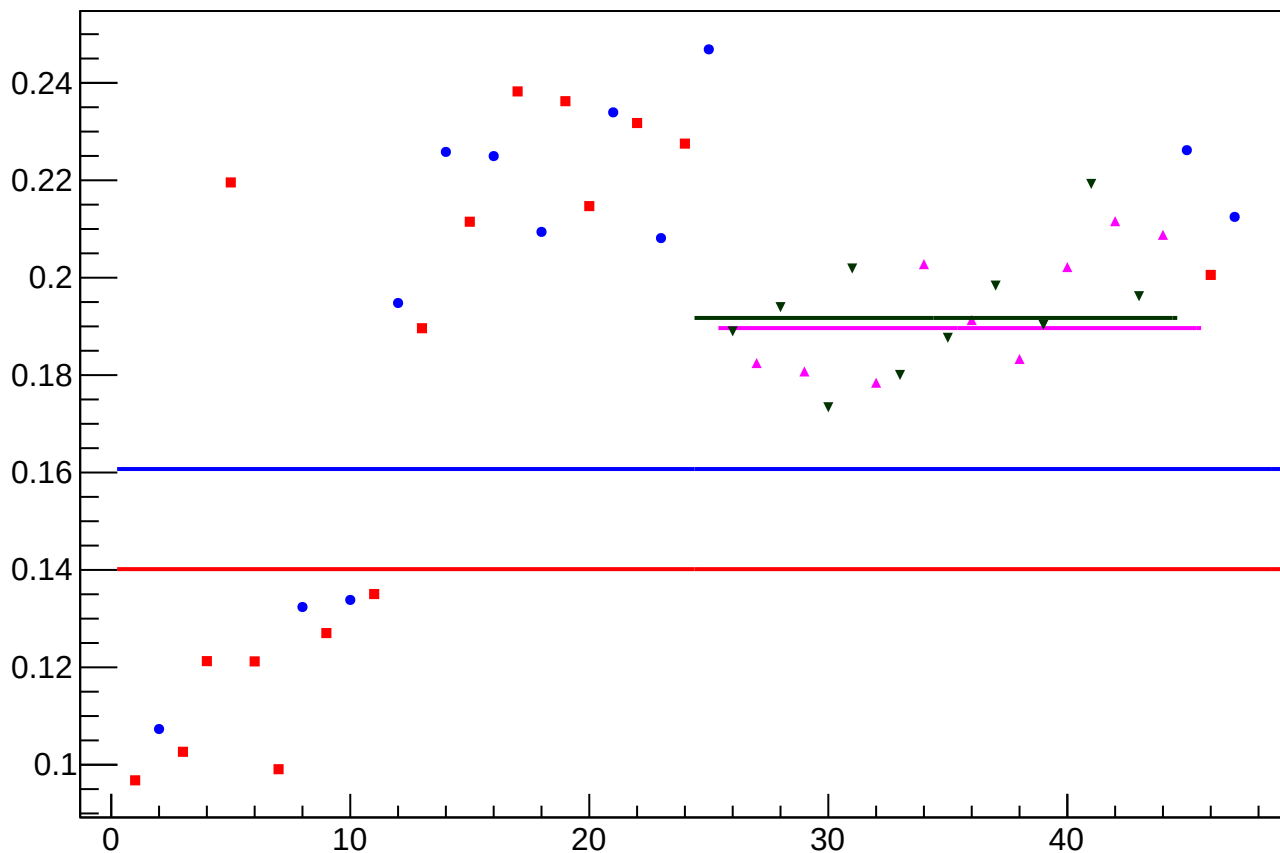
Left Out: 69.668 $\pm$ 0.000 χ^2 /NDF: 26498235.4/9

Right Out: 54.865 $\pm$ 0.000 χ^2 /NDF: 31186388757.4/15

Left In: 69.261 $\pm$ 0.000 χ^2 /NDF: 334102437.8/8

60.695 $\pm$ 0.000 χ^2 /NDF: 96797653992.2/46

yield_bcm_dg_us_rms vs slug



Right In: 0.161+/-0.000 χ^2/NDF : 1258540.5/11

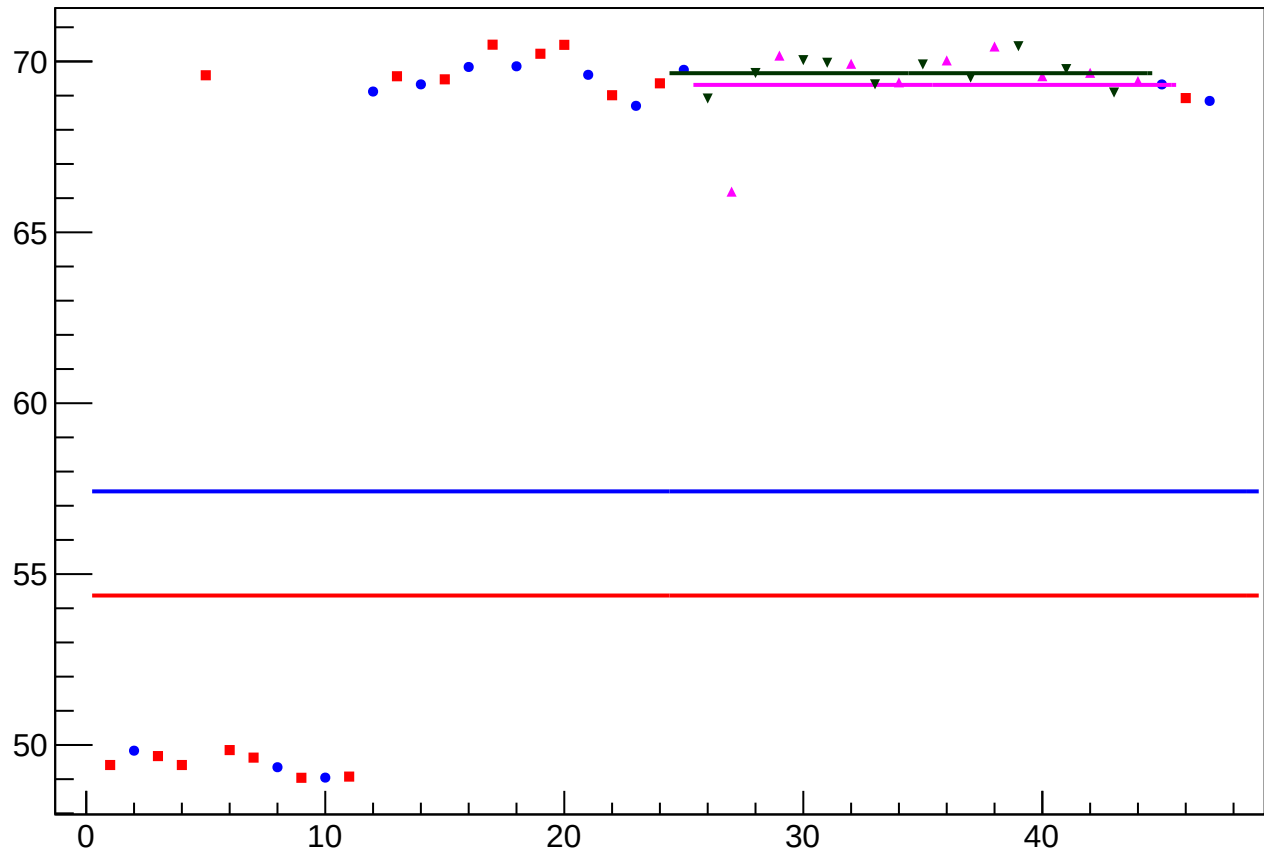
Left Out: 0.192+/-0.000 χ^2/NDF : 37638.8/9

Right Out: 0.140+/-0.000 χ^2/NDF : 1425084.0/15

Left In: 0.190+/-0.000 χ^2/NDF : 41545.9/8

0.163+/-0.000 χ^2/NDF : 3543040.0/46

yield_bcm_dg_ds_mean vs slug



Right In: 57.420+/-0.000 χ^2/NDF : 26100481234.8/11

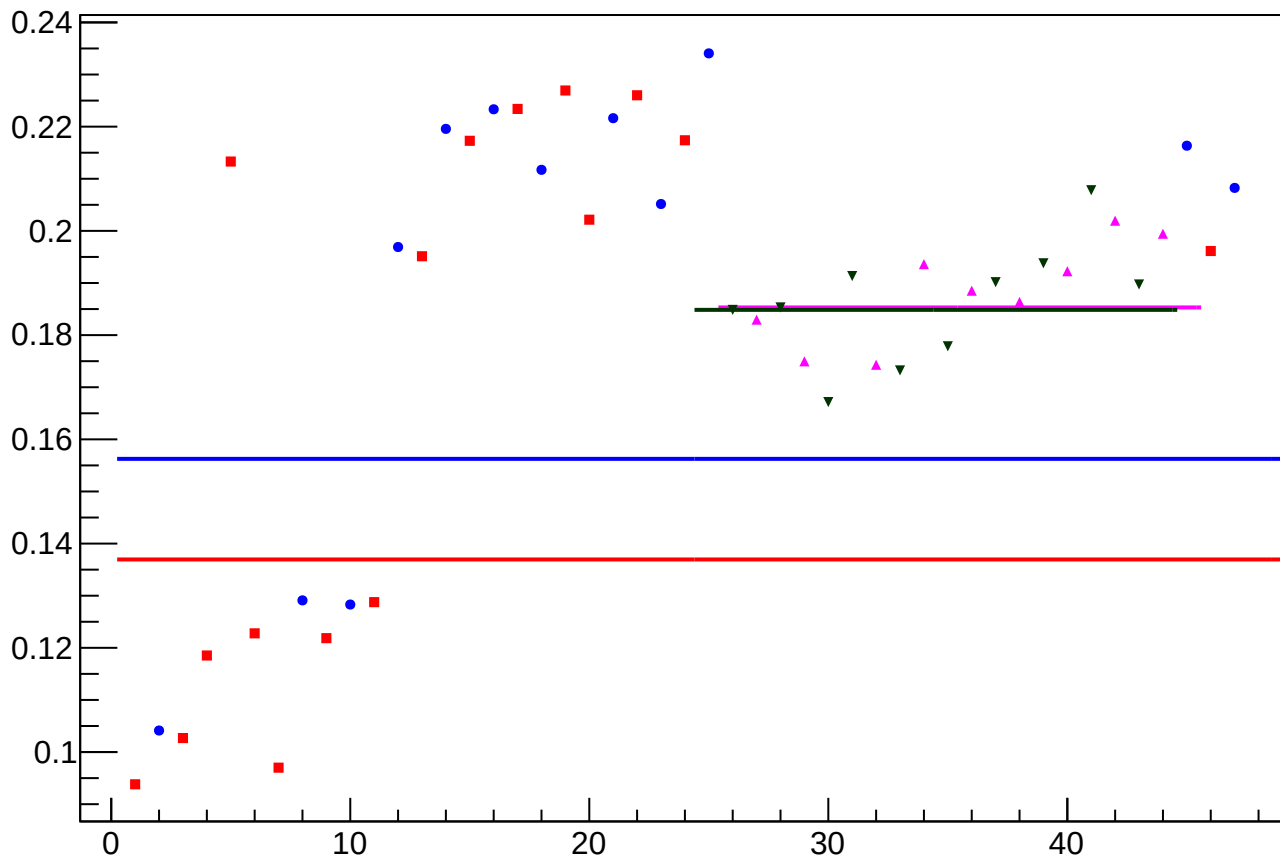
Left Out: 69.656+/-0.000 χ^2/NDF : 26123075.2/9

Right Out: 54.373+/-0.000 χ^2/NDF : 25790806634.2/15

Left In: 69.314+/-0.000 χ^2/NDF : 295104986.7/8

60.296+/-0.000 χ^2/NDF : 92140400431.9/46

yield_bcm_dg_ds_rms vs slug



Right In: 0.156+/-0.000 χ^2/NDF : 1290823.9/11

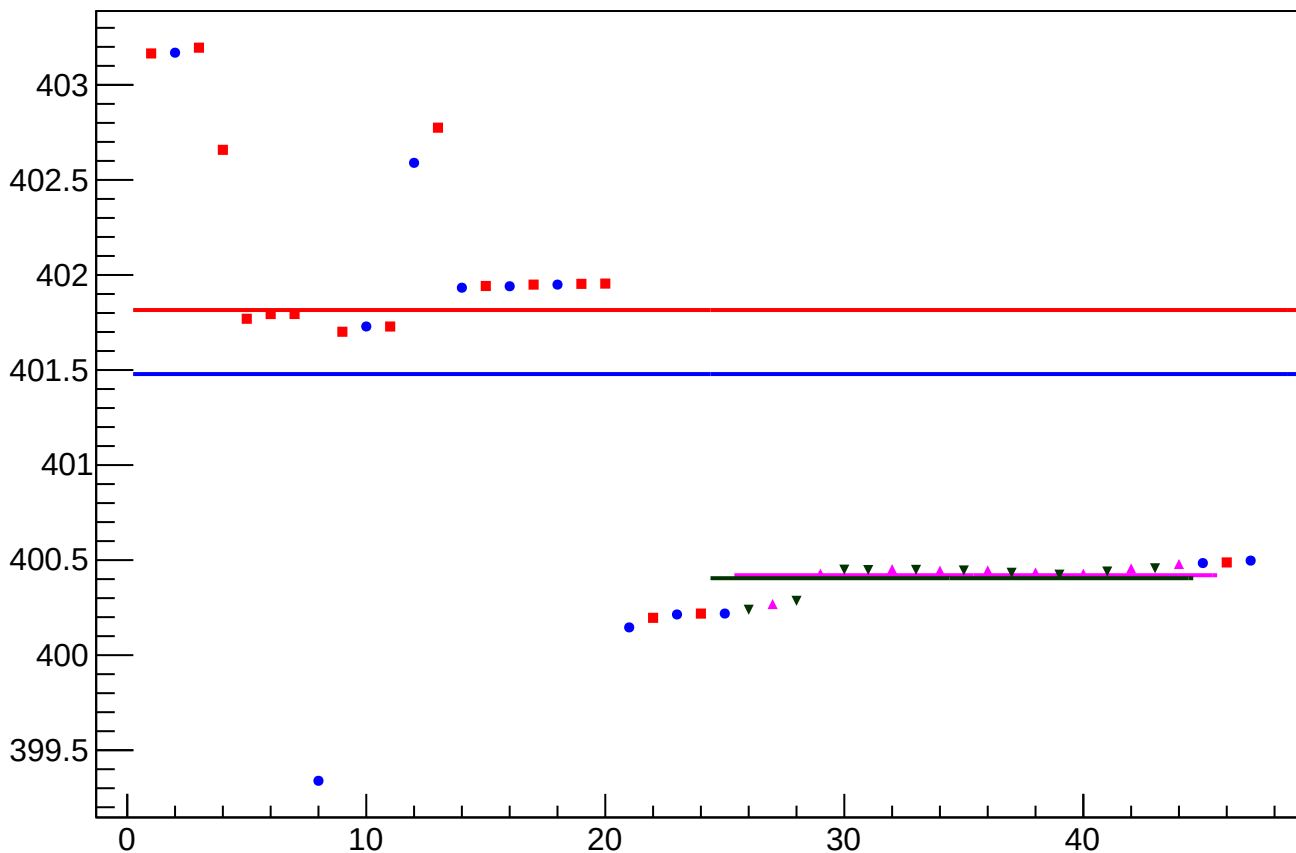
Left Out: 0.185+/-0.000 χ^2/NDF : 35256.7/9

Right Out: 0.137+/-0.000 χ^2/NDF : 1406411.5/15

Left In: 0.185+/-0.000 χ^2/NDF : 27985.7/8

0.159+/-0.000 χ^2/NDF : 3509856.1/46

yield_cav4bQ_mean vs slug



Right In: 401.479+/-0.000 χ^2/NDF : 221477479721.5/11

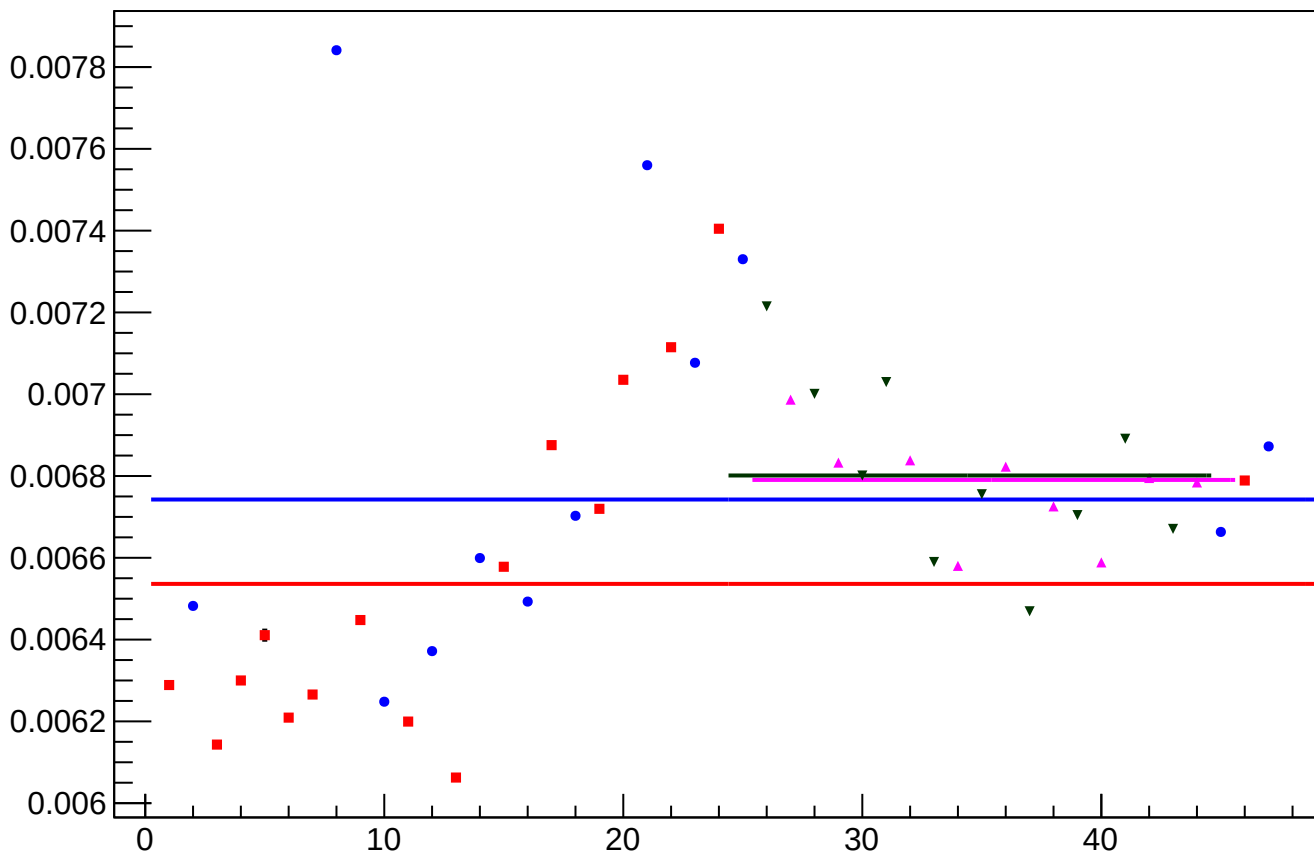
Left Out: 400.405+/-0.000 χ^2/NDF : 614714141.0/9

Right Out: 401.816+/-0.000 χ^2/NDF : 140789279566.4/15

Left In: 400.420+/-0.000 χ^2/NDF : 493848060.8/8

401.151+/-0.000 χ^2/NDF : 588652240761.7/46

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 72391.3/11

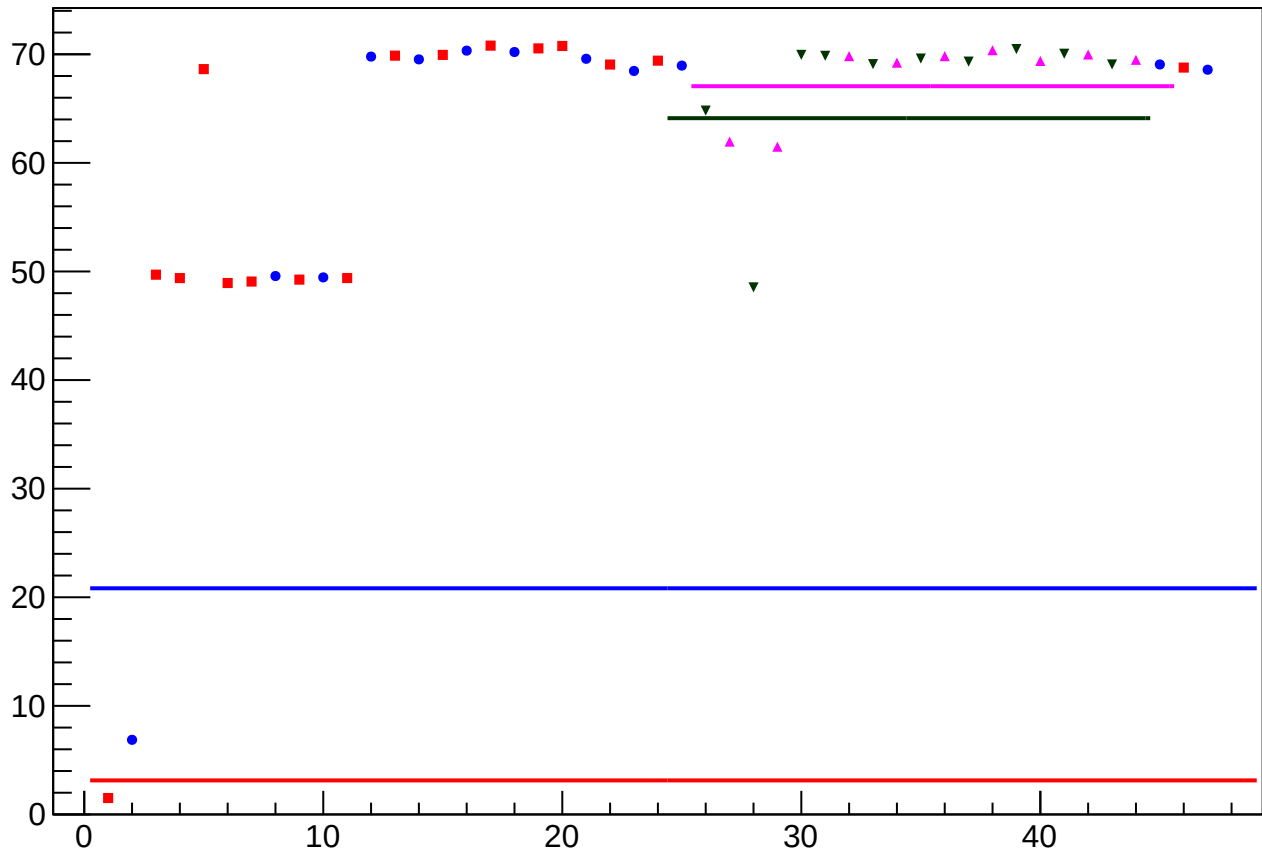
Left Out: 0.007+/-0.000 χ^2/NDF : 9934.2/9

Right Out: 0.007+/-0.000 χ^2/NDF : 50857.4/15

Left In: 0.007+/-0.000 χ^2/NDF : 3569.0/8

0.007+/-0.000 χ^2/NDF : 151239.1/46

yield_cav4cQ_mean vs slug



Right In: 20.826+/-0.000 χ^2/NDF : 314458683896.1/11

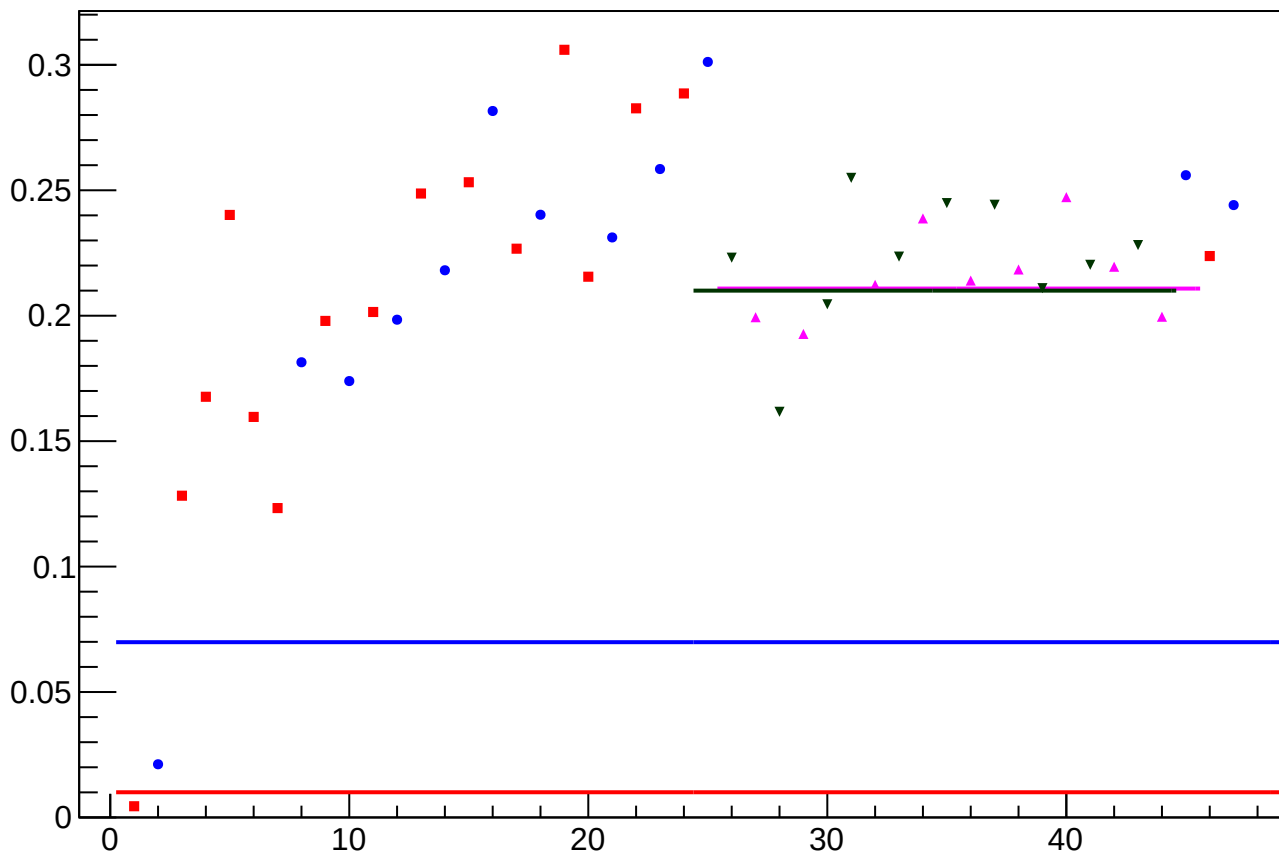
Left Out: 64.116+/-0.000 χ^2/NDF : 8524365591.2/9

6.994+/-0.000 χ^2/NDF : 1726316556682.9/46

Right Out: 3.135+/-0.000 χ^2/NDF : 468249810547.9/15

Left In: 67.060+/-0.000 χ^2/NDF : 1652967372.1/8

yield_cav4cQ_rms vs slug



Right In: 0.070+/-0.000 χ^2/NDF : 7683286.4/11

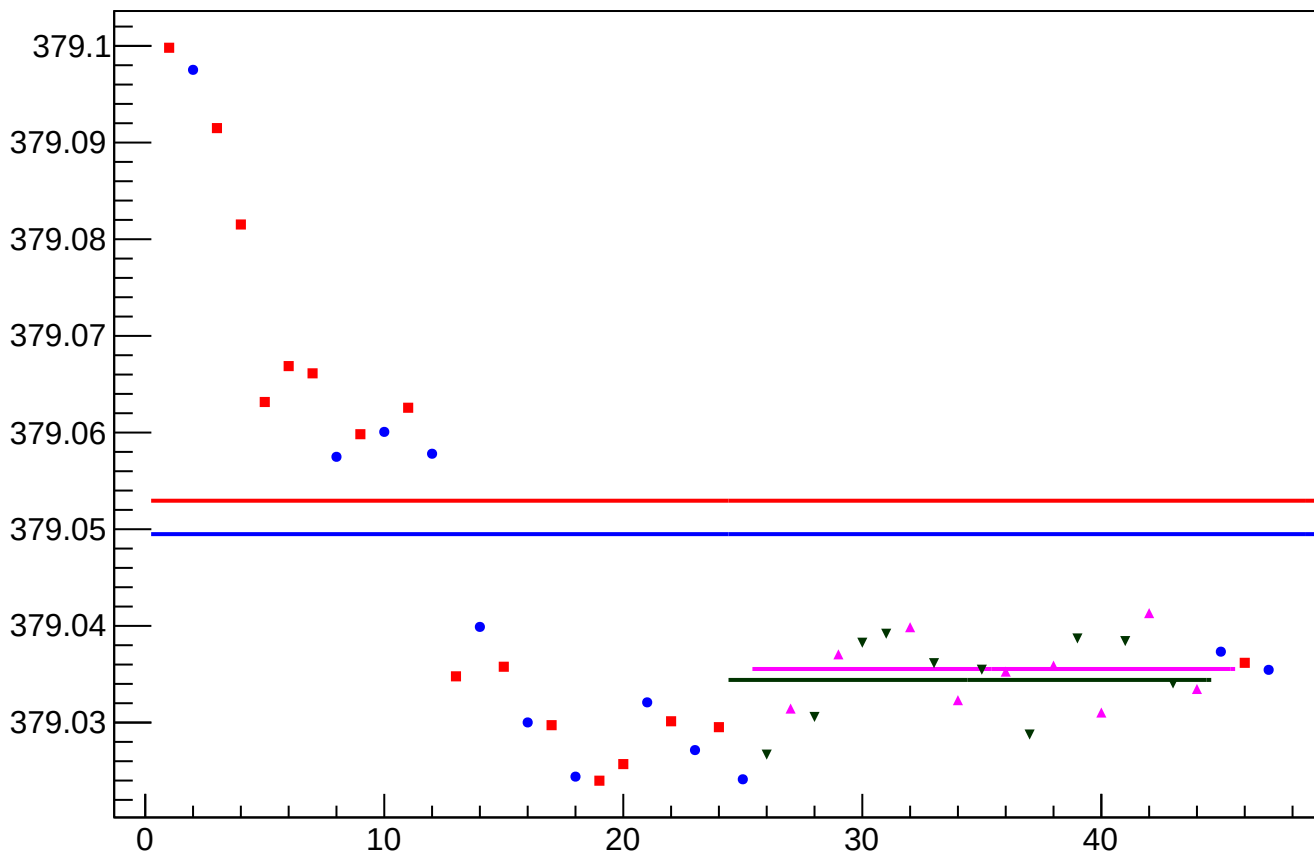
Left Out: 0.210+/-0.000 χ^2/NDF : 195506.9/9

0.023+/-0.000 χ^2/NDF : 38939625.5/46

Right Out: 0.010+/-0.000 χ^2/NDF : 11535839.2/15

Left In: 0.211+/-0.000 χ^2/NDF : 55429.5/8

yield_cav4dQ_mean vs slug



Right In: 379.049+/-0.000 χ^2/NDF : 89861223.6/11

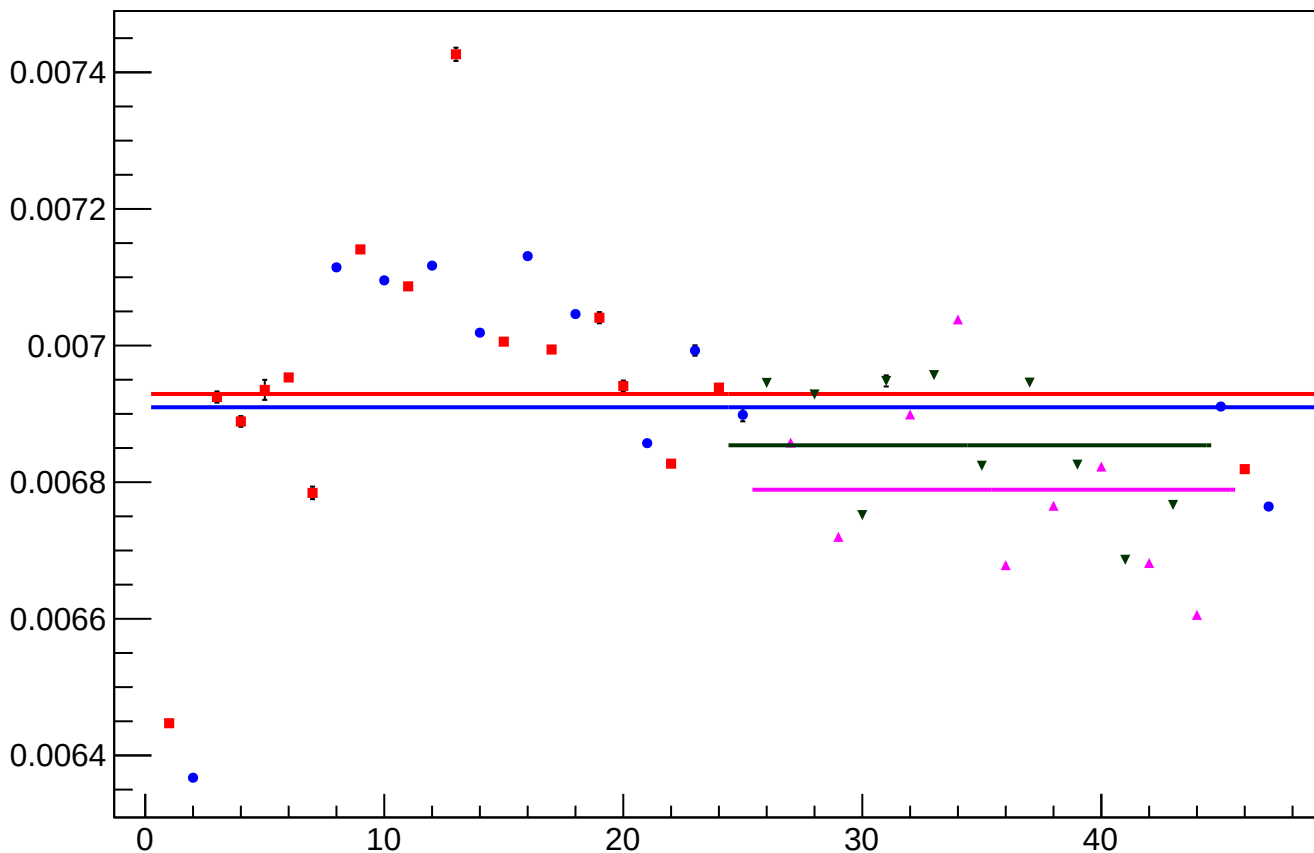
Left Out: 379.034+/-0.000 χ^2/NDF : 1980028.6/9

Right Out: 379.053+/-0.000 χ^2/NDF : 95911254.1/15

Left In: 379.036+/-0.000 χ^2/NDF : 1469073.8/8

379.044+/-0.000 χ^2/NDF : 225879409.6/46

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 20693.5/11

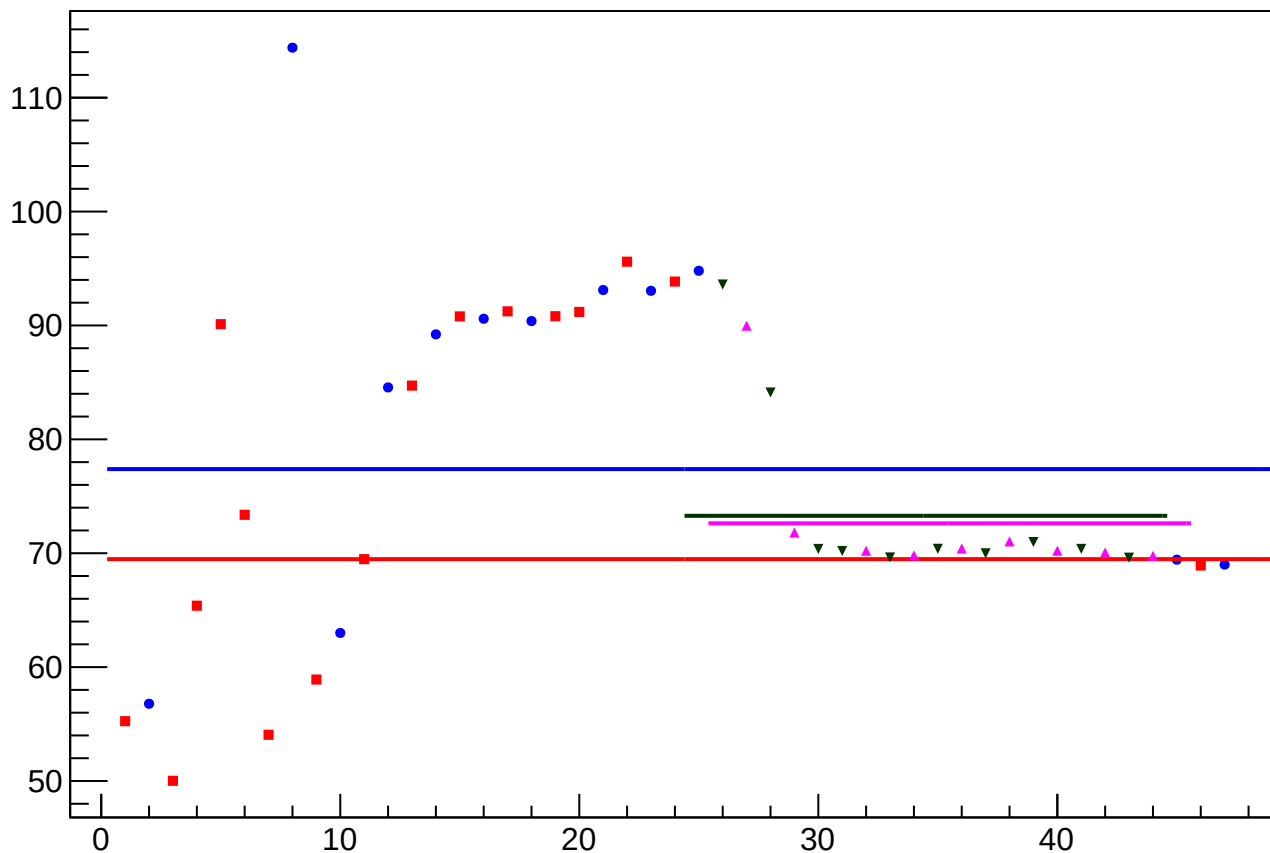
Left Out: 0.007+/-0.000 χ^2/NDF : 2061.8/9

Right Out: 0.007+/-0.000 χ^2/NDF : 12948.0/15

Left In: 0.007+/-0.000 χ^2/NDF : 3438.6/8

0.007+/-0.000 χ^2/NDF : 42374.9/46

yield_bcm0l02_mean vs slug



Right In: 77.388 $\pm$ 0.000 χ^2/NDF : 25050154565.1/11

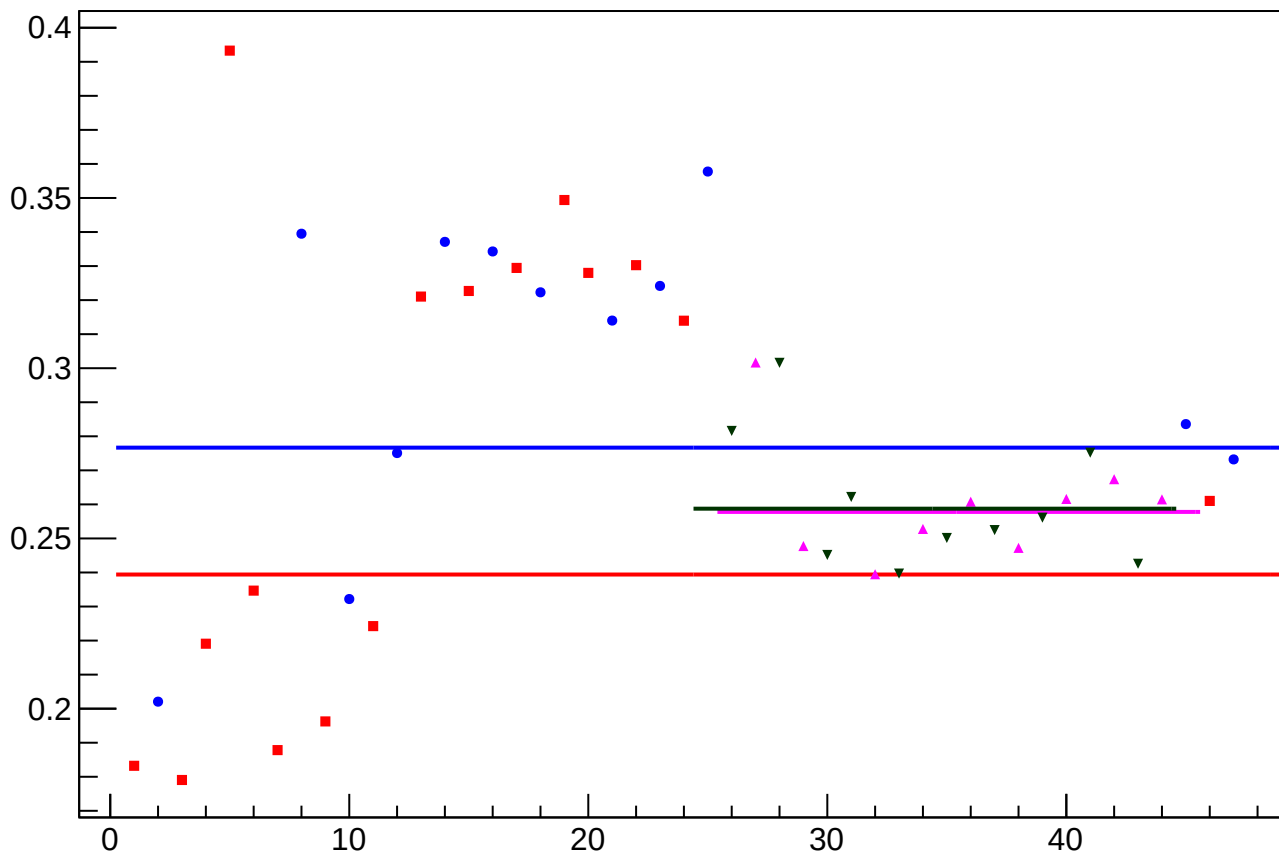
Left Out: 73.286 $\pm$ 0.000 χ^2/NDF : 3720782967.4/9

Right Out: 69.480 $\pm$ 0.000 χ^2/NDF : 24404658876.2/15

Left In: 72.627 $\pm$ 0.000 χ^2/NDF : 2928961133.8/8

72.969 $\pm$ 0.000 χ^2/NDF : 59160990864.0/46

yield_bcm0l02_rms vs slug



Right In: 0.277 ± 0.000 χ^2/NDF : 463188.9/11

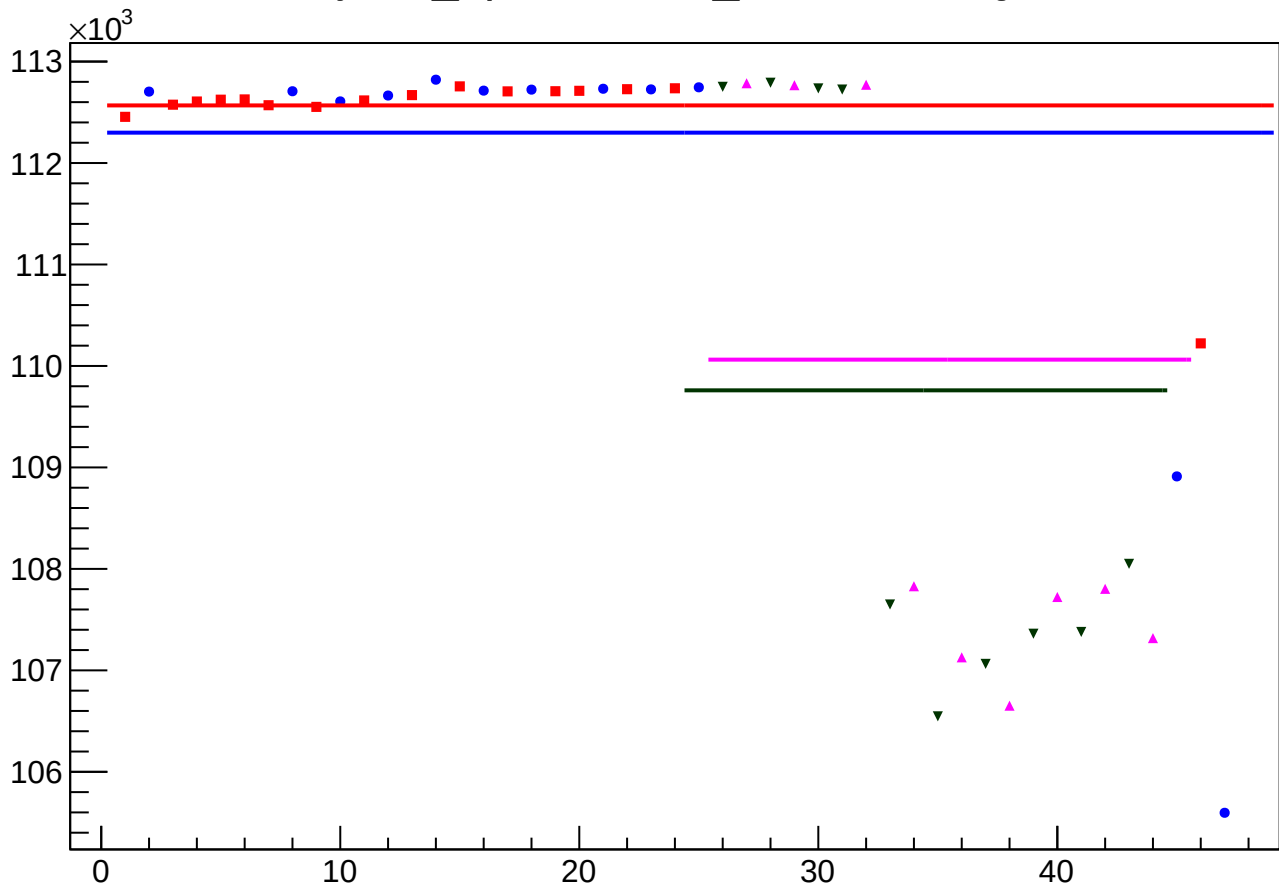
Left Out: 0.259 ± 0.000 χ^2/NDF : 48388.8/9

Right Out: 0.239 ± 0.000 χ^2/NDF : 734577.8/15

Left In: 0.258 ± 0.000 χ^2/NDF : 49223.4/8

0.257 ± 0.000 χ^2/NDF : 1431383.3/46

yield_bpm2i01WS_mean vs slug



Right In: 112299.275 $\pm$ 0.039 χ^2 /NDF: 1481235832.1/11

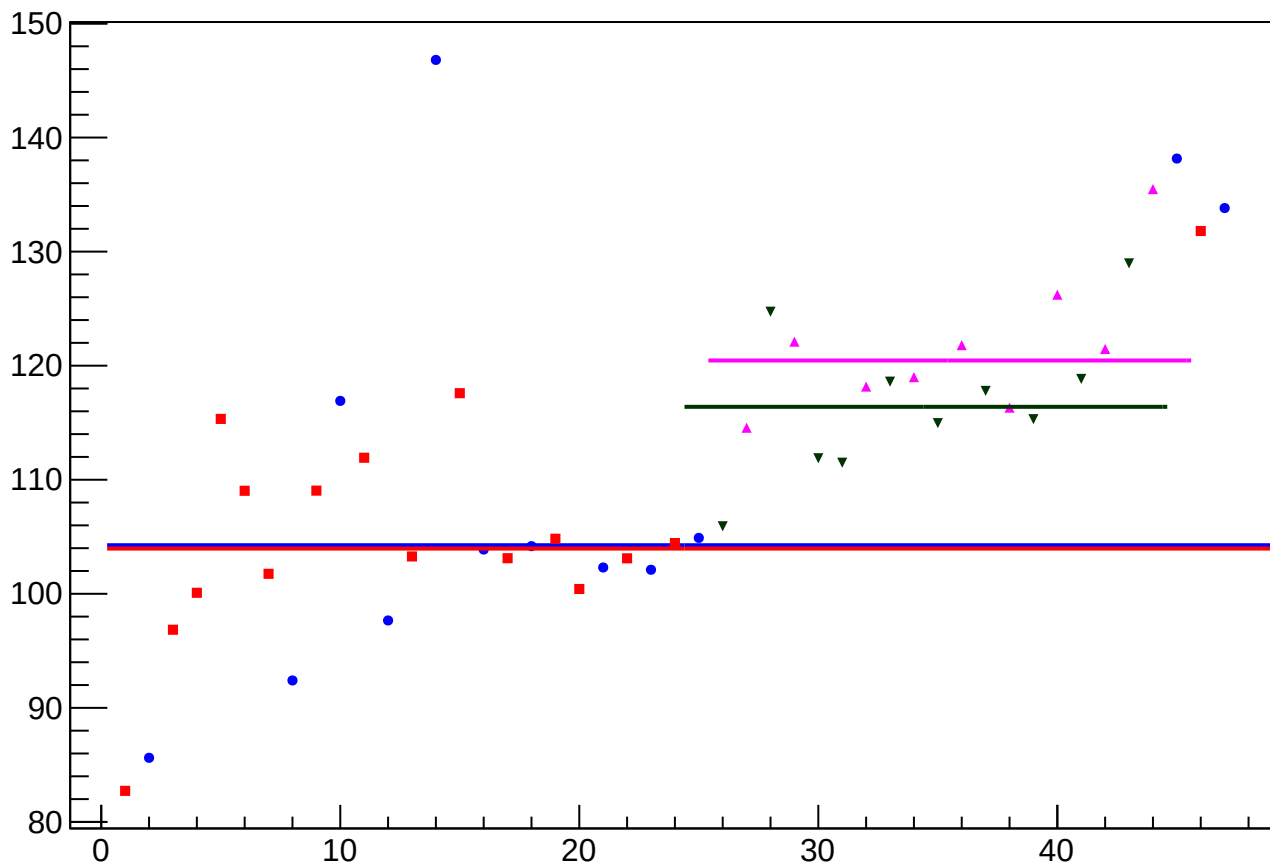
Left Out: 109759.766 $\pm$ 0.054 χ^2 /NDF: 2587692520.9/9

Right Out: 112567.788 $\pm$ 0.040 χ^2 /NDF: 108347093.9/15

Left In: 110062.291 $\pm$ 0.053 χ^2 /NDF: 2589858371.2/8

111543.564 $\pm$ 0.022 χ^2 /NDF: 9675633268.1/40

yield_bpm2i01WS_rms vs slug



Right In: 104.259 $\pm$ 0.028 χ^2 /NDF: 388943.3/11

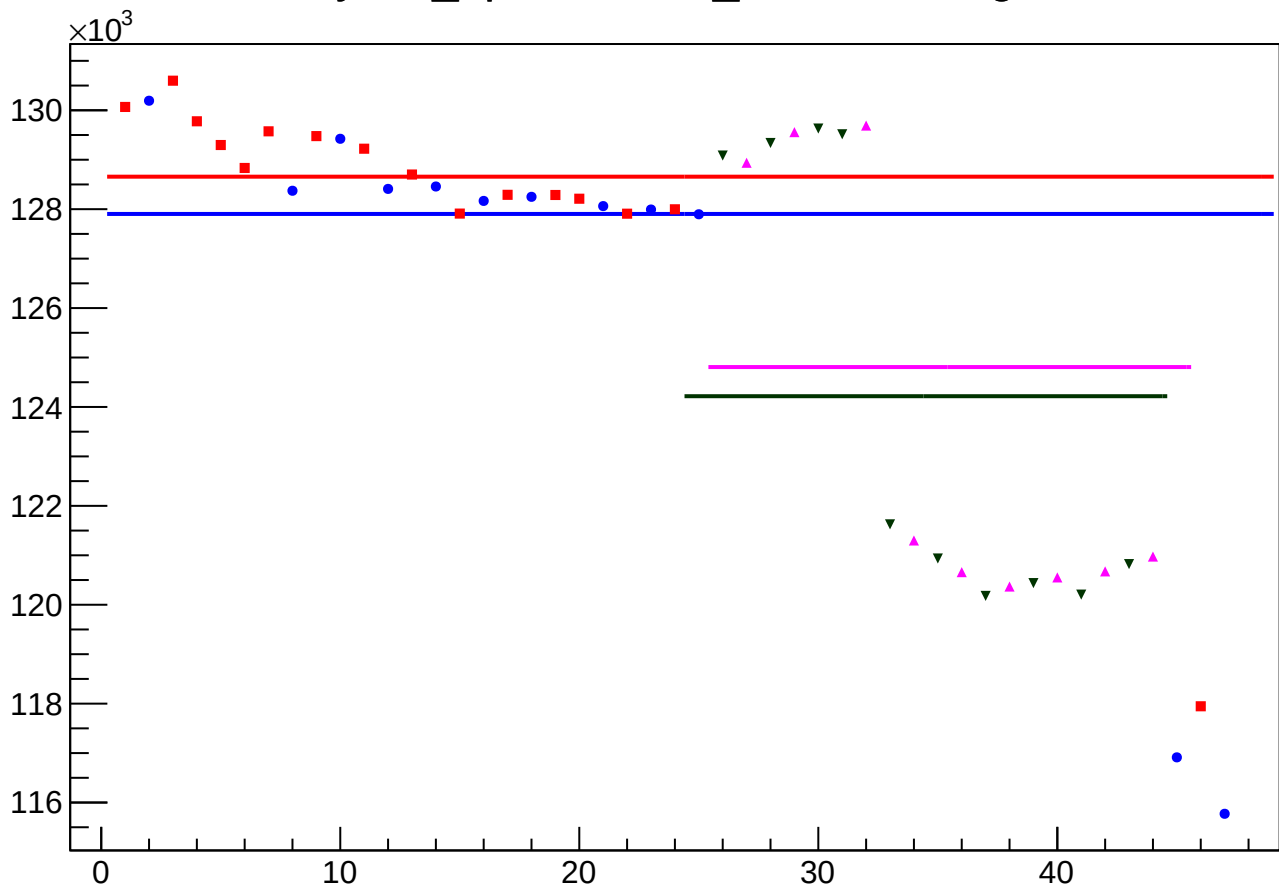
Left Out: 116.393 $\pm$ 0.038 χ^2 /NDF: 27352.1/9

Right Out: 103.965 $\pm$ 0.028 χ^2 /NDF: 127394.1/15

Left In: 120.454 $\pm$ 0.038 χ^2 /NDF: 19101.5/8

109.162 $\pm$ 0.016 χ^2 /NDF: 754342.6/46

yield_bpm0i07WS_mean vs slug



Right In: 127903.407 $\pm$ 0.063 χ^2 /NDF: 2946278076.0/11

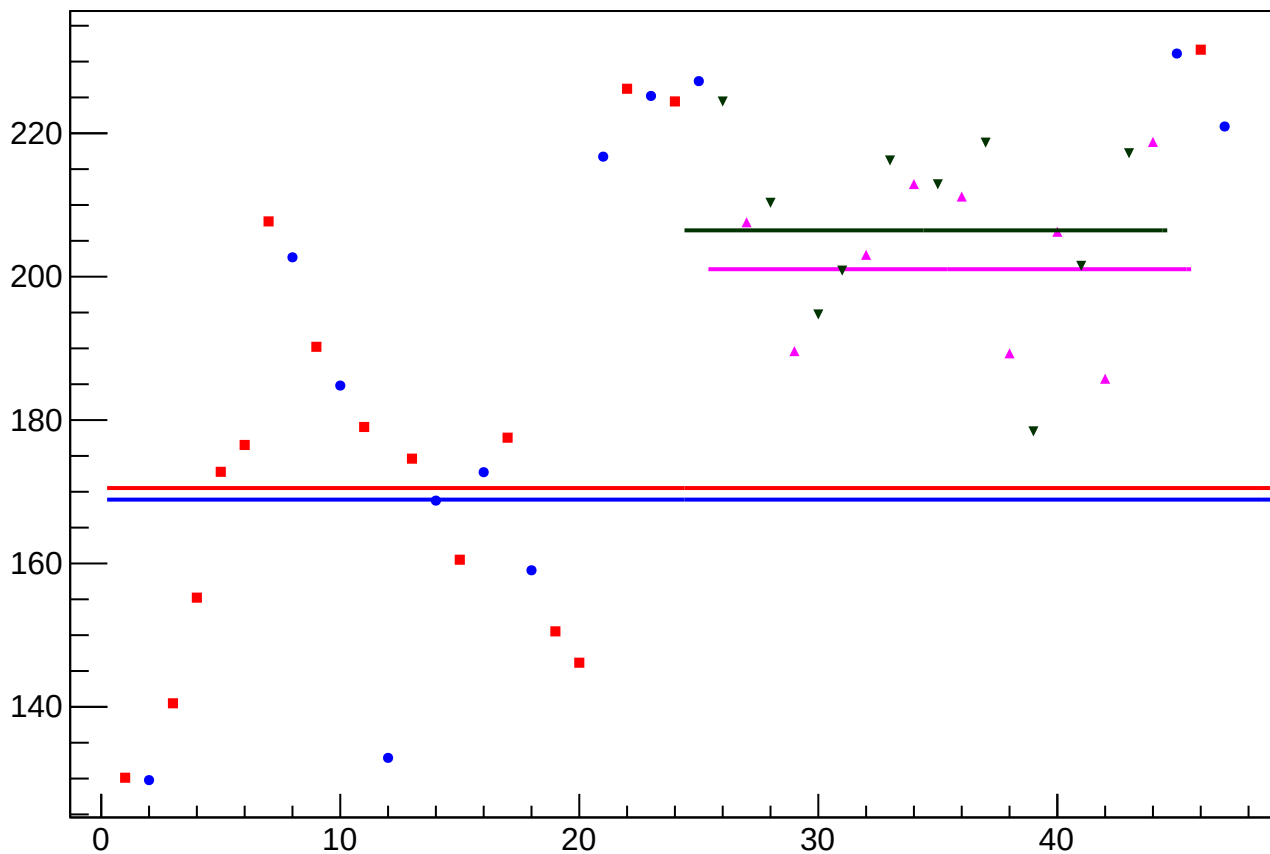
Left Out: 124217.458 $\pm$ 0.091 χ^2 /NDF: 2222612678.1/9

Right Out: 128657.295 $\pm$ 0.065 χ^2 /NDF: 903700356.5/15

Left In: 124807.004 $\pm$ 0.085 χ^2 /NDF: 2610322677.8/8

126975.286 $\pm$ 0.037 χ^2 /NDF: 11123944952.8/4

yield_bpm0i07WS_rms vs slug



Right In: 168.907 $\pm$ 0.045 χ^2 /NDF: 593468.1/11

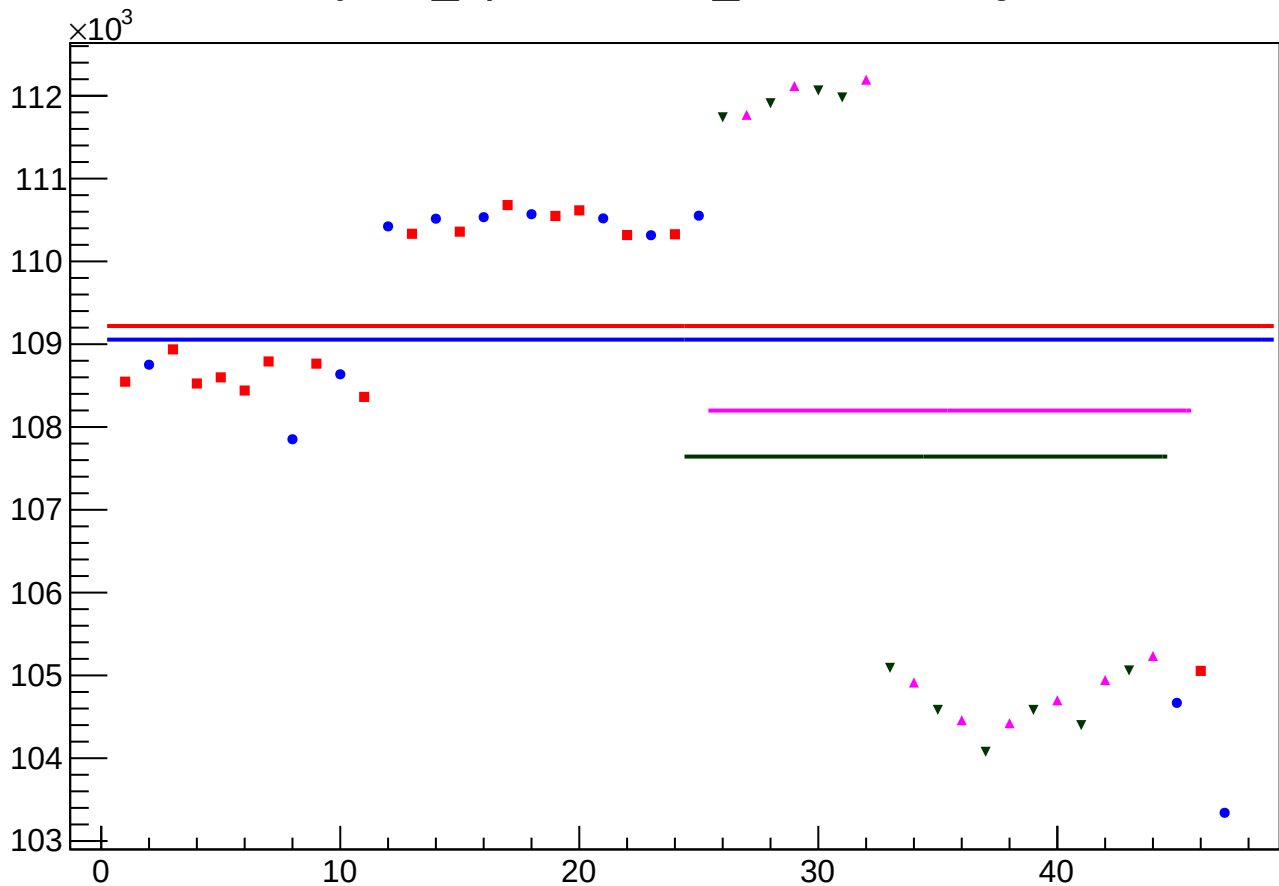
Left Out: 206.461 $\pm$ 0.065 χ^2 /NDF: 41468.1/9

Right Out: 170.521 $\pm$ 0.046 χ^2 /NDF: 390634.6/15

Left In: 201.041 $\pm$ 0.060 χ^2 /NDF: 31602.4/8

181.402 $\pm$ 0.026 χ^2 /NDF: 1448373.6/46

yield_bpm0l01WS_mean vs slug



Right In: 109055.309 $\pm$ 0.042 χ^2 /NDF: 2073002763.7/11

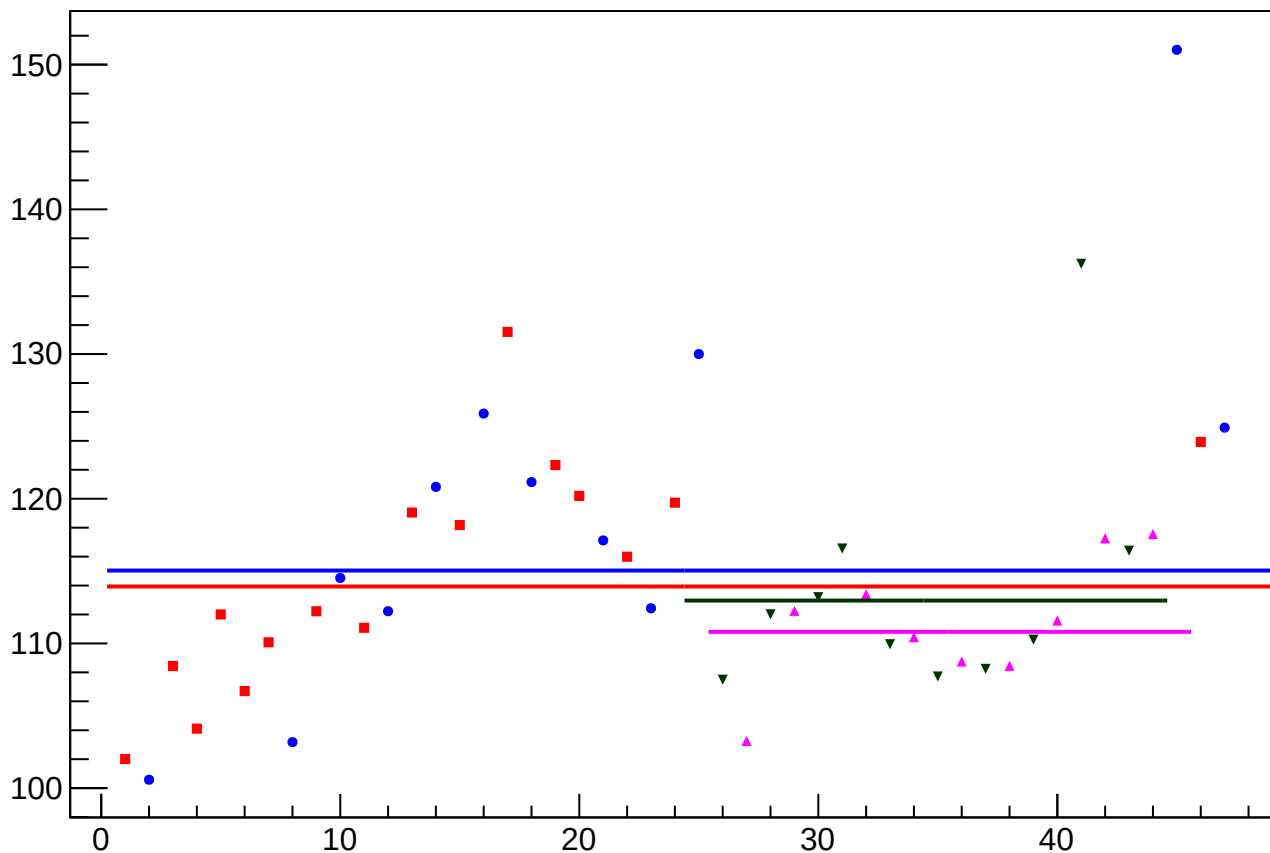
Left Out: 107642.924 $\pm$ 0.050 χ^2 /NDF: 5150705476.1/9

Right Out: 109219.859 $\pm$ 0.043 χ^2 /NDF: 828029517.6/15

Left In: 108198.509 $\pm$ 0.047 χ^2 /NDF: 5989947255.4/8

108613.276 $\pm$ 0.023 χ^2 /NDF: 14800021663.1/4

yield_bpm0l01WS_rms vs slug



Right In: 115.037 $\pm$ 0.030 χ^2 /NDF: 149272.7/11

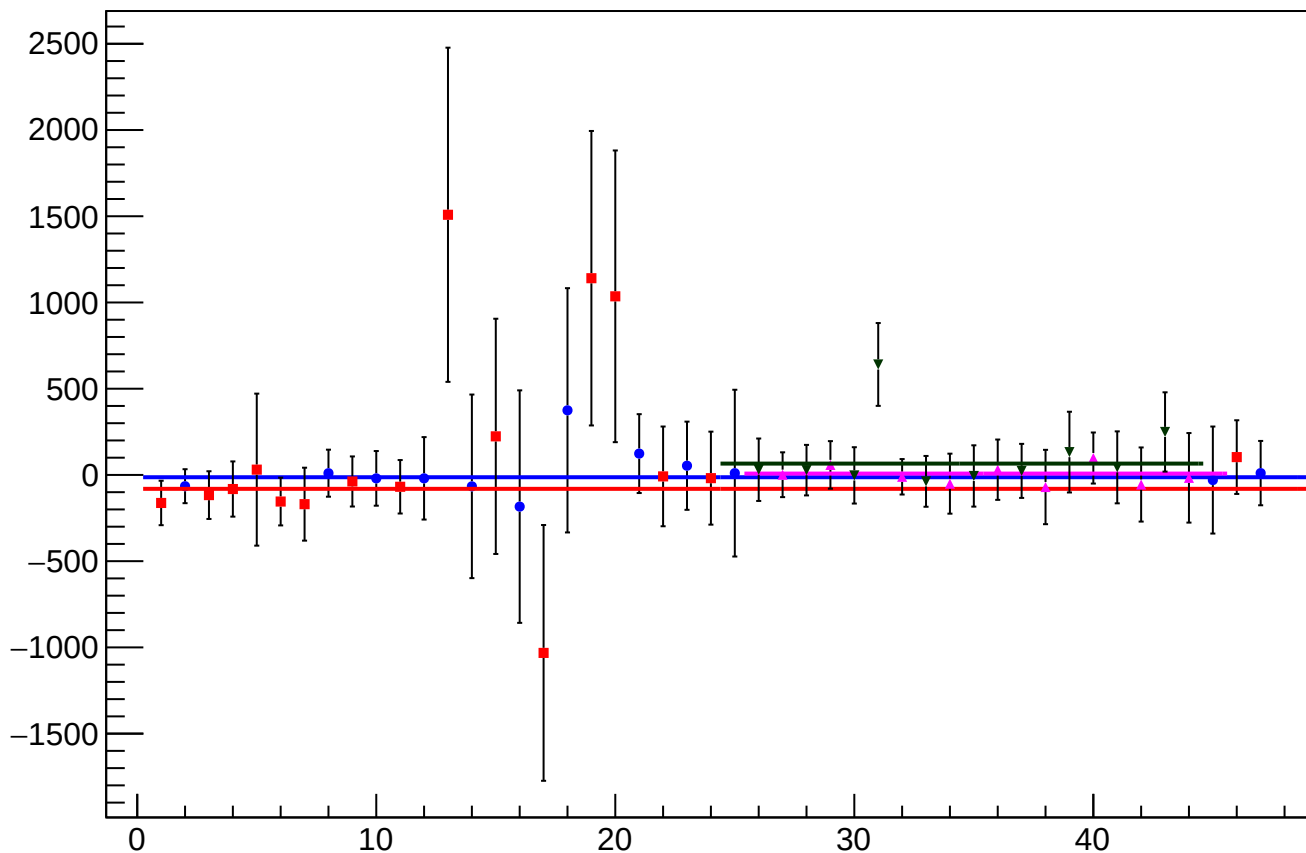
Left Out: 112.963 $\pm$ 0.036 χ^2 /NDF: 43064.1/9

Right Out: 113.935 $\pm$ 0.031 χ^2 /NDF: 60564.6/15

Left In: 110.801 $\pm$ 0.033 χ^2 /NDF: 17507.6/8

113.322 $\pm$ 0.016 χ^2 /NDF: 279992.3/46

asym_bcm_an_ds_mean vs slug



Right In: -13.283+/-57.761 $\chi^2/NDF: 1.1/11$

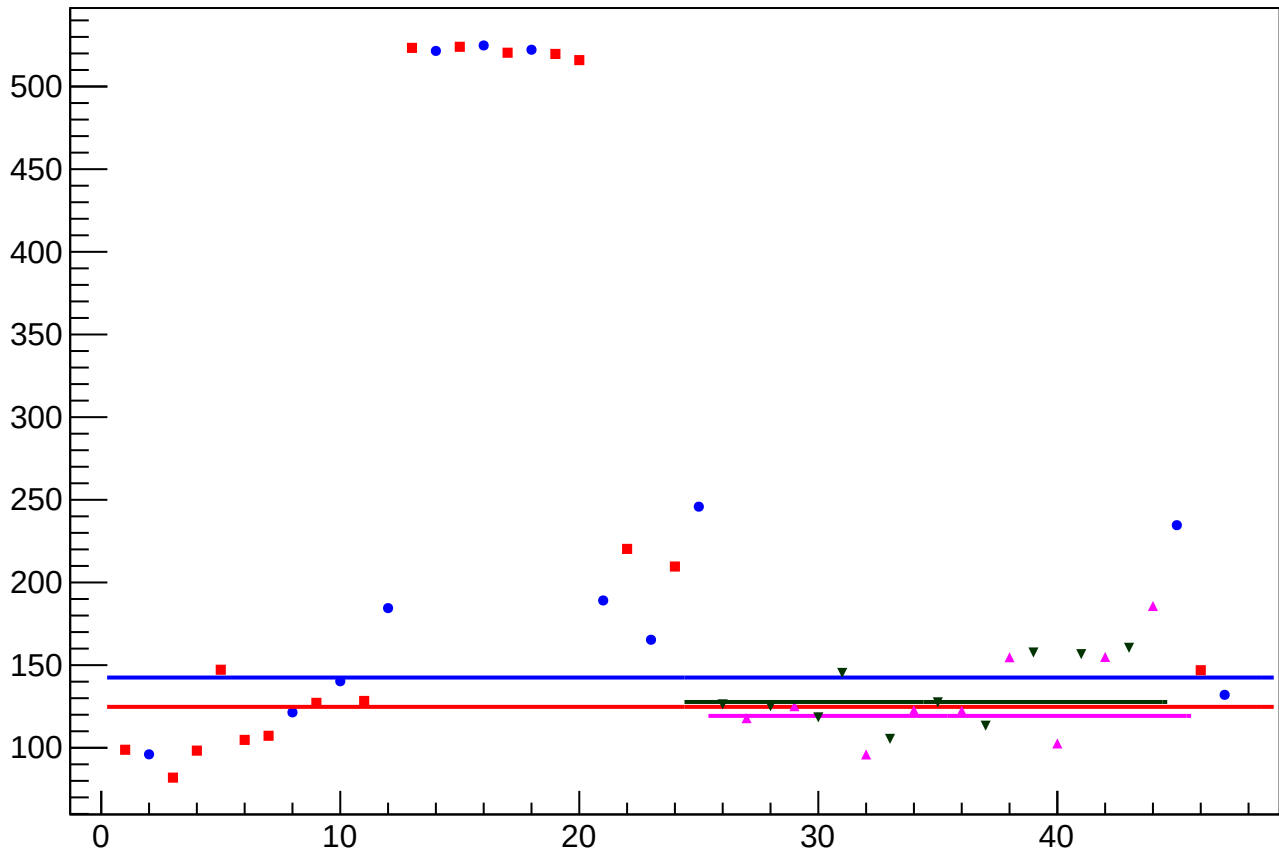
Left Out: 65.780+/-56.744 $\chi^2/NDF: 7.5/9$

Right Out: -80.609+/-51.595 $\chi^2/NDF: 10.3/15$

Left In: 7.861+/-51.585 $\chi^2/NDF: 0.9/8$

-7.989+/-27.099 $\chi^2/NDF: 23.5/46$

asym_bcm_an_ds_rms vs slug



Right In: 142.501 $\pm$ 0.041 χ^2 /NDF: 3160950.8/11

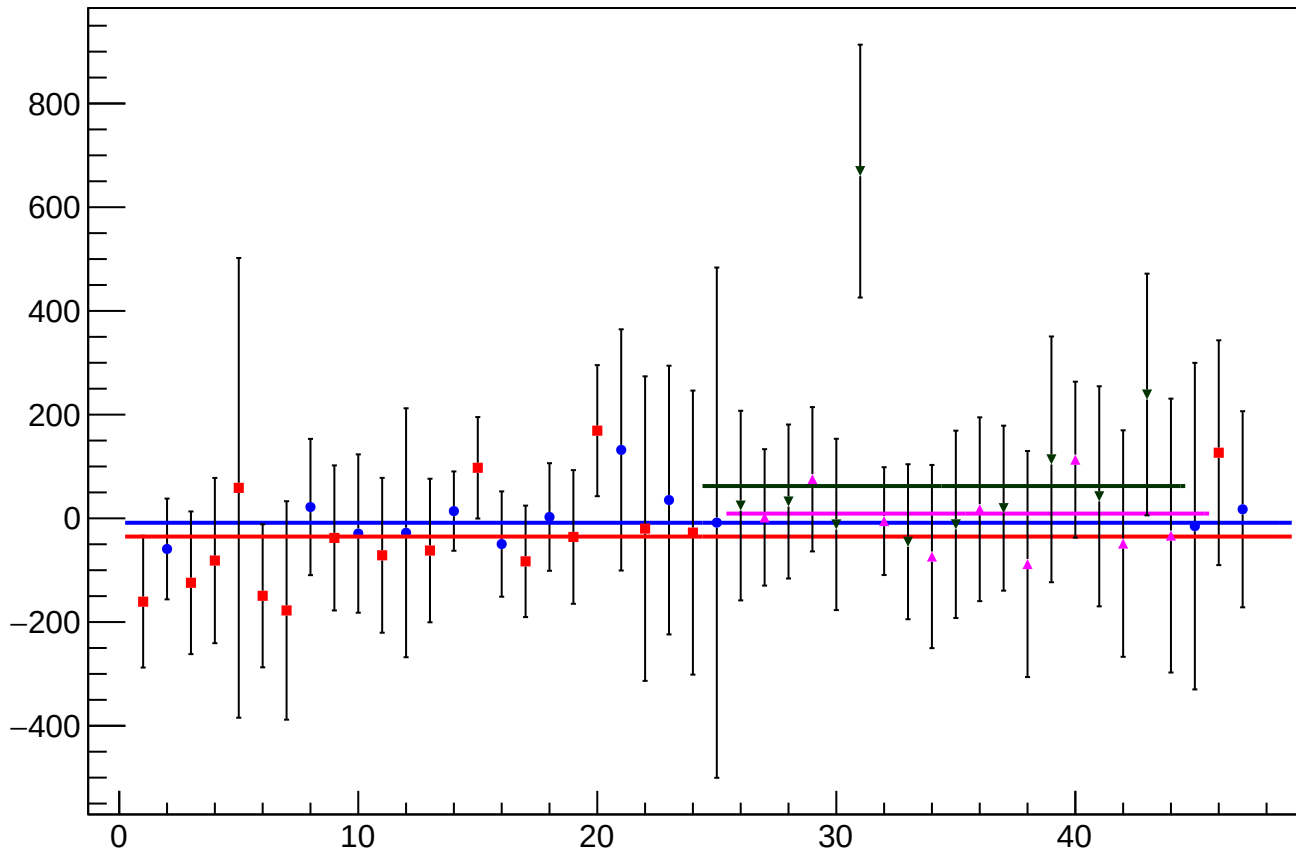
Left Out: 127.722 $\pm$ 0.040 χ^2 /NDF:192416.0/9

127.834 $\pm$ 0.019 χ^2 /NDF: 7194894.0/46

Right Out: 124.763 $\pm$ 0.036 χ^2 /NDF: 3277040.5/15

Left In: 119.298 $\pm$ 0.036 χ^2 /NDF:373674.7/8

asym_bcm_an_ds3_mean vs slug



Right In: -8.528 ± 38.911 χ^2/NDF : 1.0/11

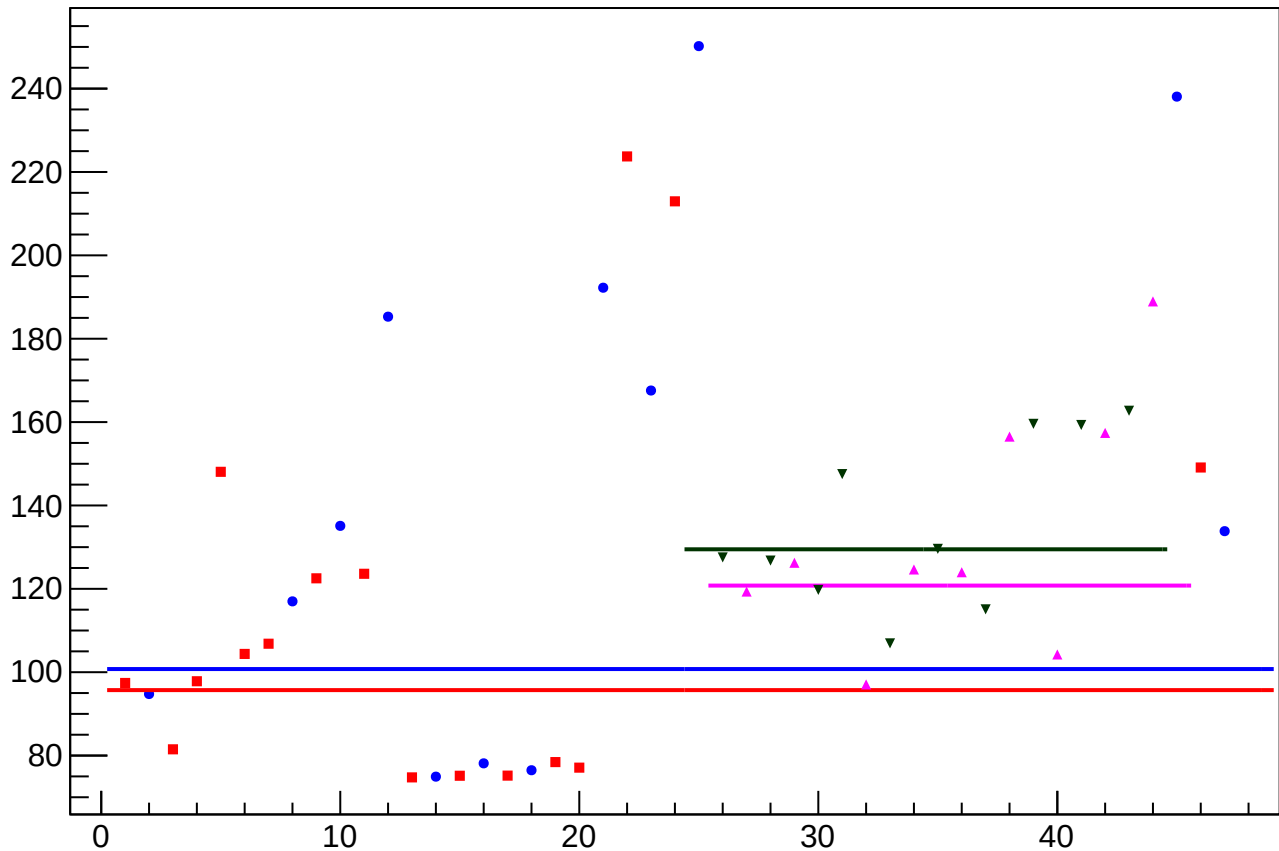
Left Out: 62.264 ± 57.532 χ^2/NDF : 7.9/9

Right Out: -35.165 ± 36.697 χ^2/NDF : 8.0/15

Left In: 9.165 ± 52.241 χ^2/NDF : 1.2/8

-4.623 ± 21.971 χ^2/NDF : 20.2/46

asym_bcm_an_ds3_rms vs slug



Right In: 100.755+/-0.028 χ^2/NDF : 1892427.8/11

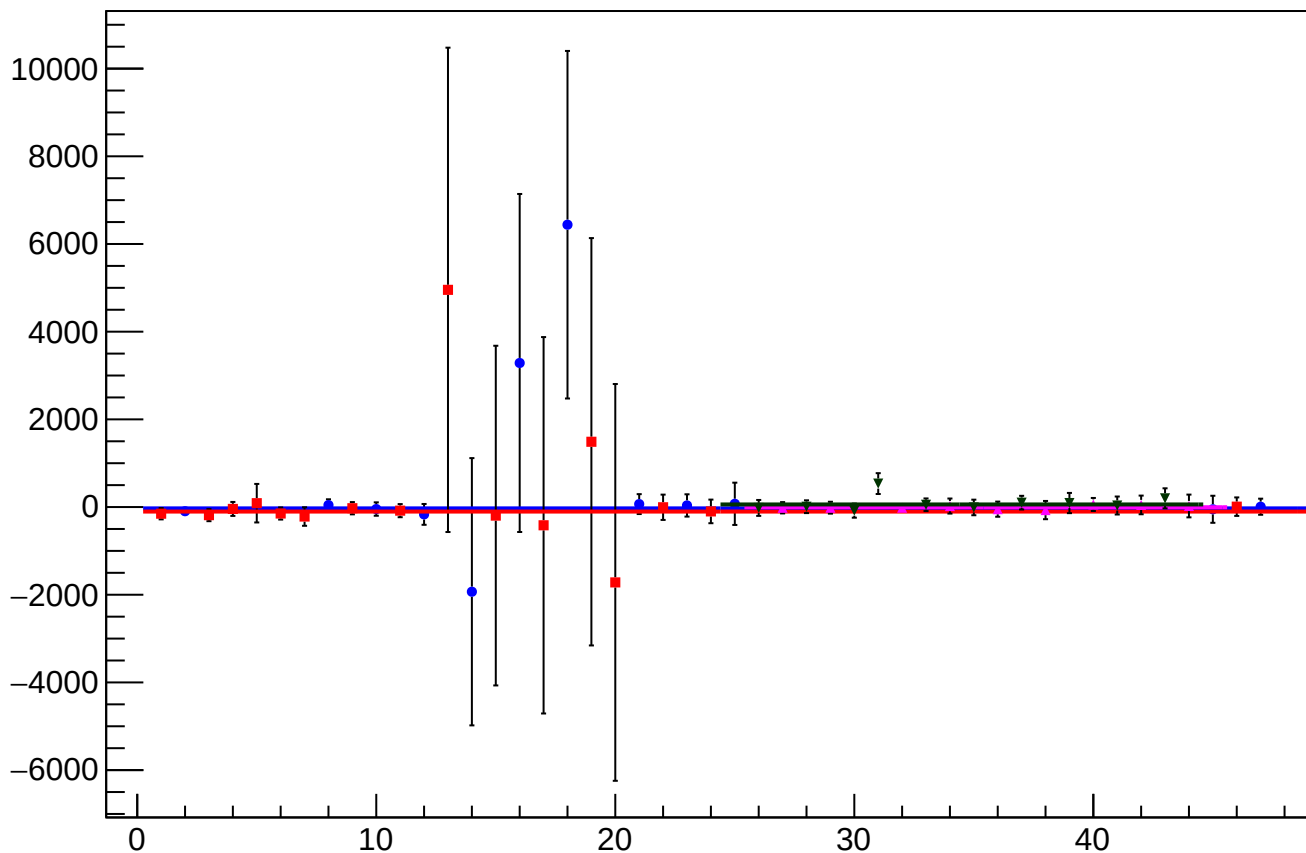
Left Out: 129.483+/-0.041 χ^2/NDF :193272.5/9

106.676+/-0.016 χ^2/NDF : 4508373.8/46

Right Out: 95.703+/-0.026 χ^2/NDF : 1361069.8/15

Left In: 120.780+/-0.037 χ^2/NDF :376387.2/8

asym_bcm_an_us_mean vs slug



Right In: -30.172 $\pm$ 58.804 χ^2 /NDF: 5.2/11

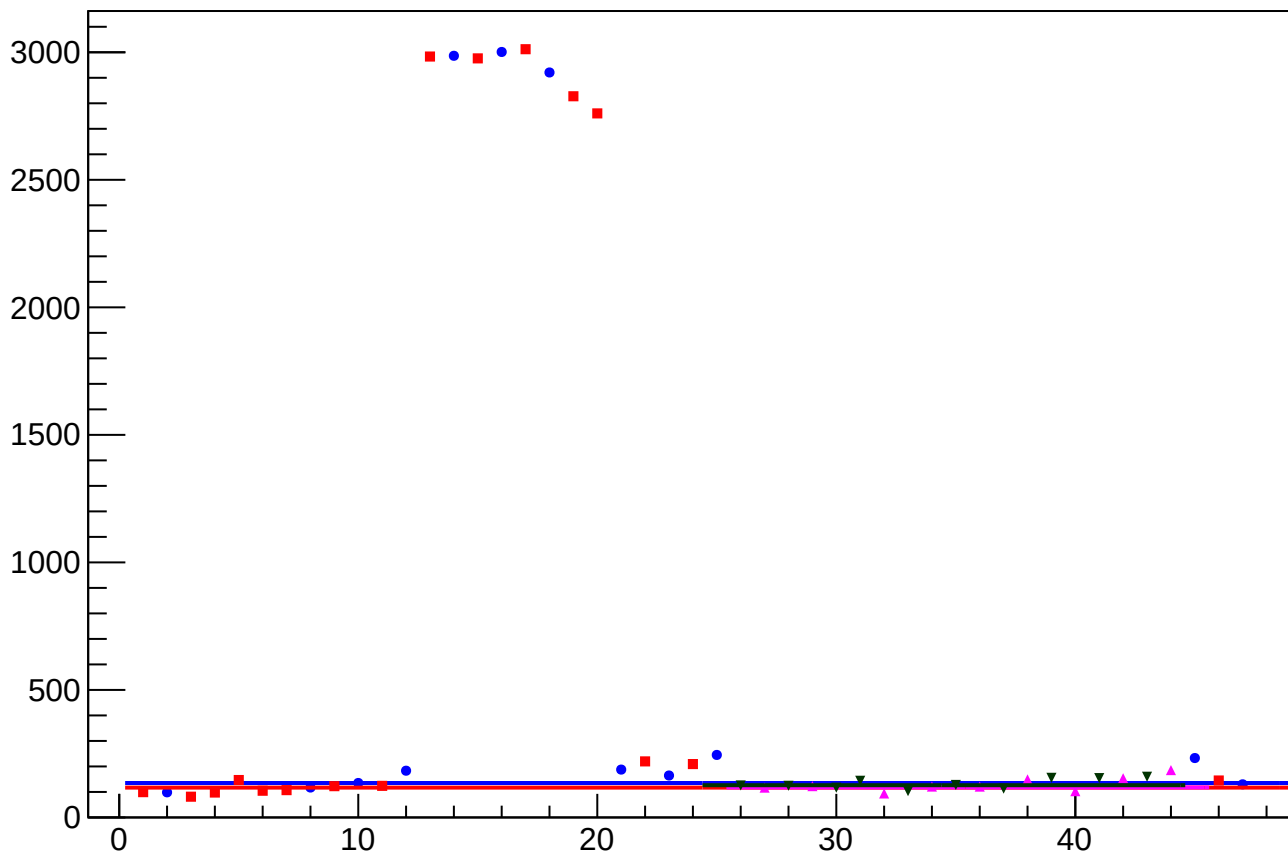
Left Out: 59.322 $\pm$ 56.217 χ^2 /NDF: 5.7/9

Right Out: -103.078 $\pm$ 51.553 χ^2 /NDF: 3.0/15

Left In: -4.192 $\pm$ 50.903 χ^2 /NDF: 0.5/8

-22.194 $\pm$ 27.039 χ^2 /NDF: 19.1/46

asym_bcm_an_us_rms vs slug



Right In: 135.080+/-0.042 χ^2/NDF : 4648421.2/11

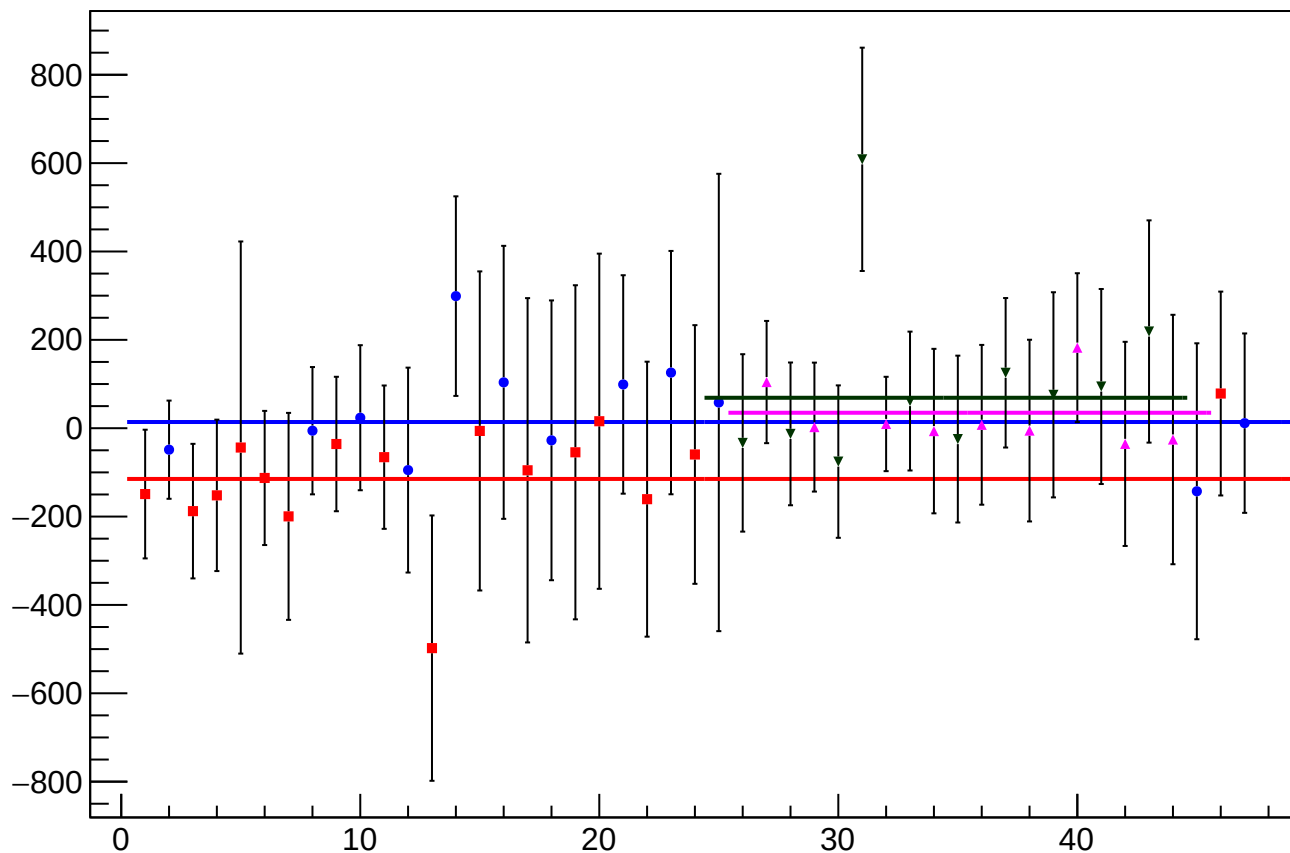
Left Out: 126.427+/-0.040 χ^2/NDF :196342.9/9

Right Out: 117.027+/-0.036 χ^2/NDF : 4664110.3/15

Left In: 117.705+/-0.036 χ^2/NDF :374840.6/8

123.210+/-0.019 χ^2/NDF : 10023923.1/46

asym_bcm_dg_us_mean vs slug



Right In: 14.029 ± 58.588 χ^2/NDF : 2.8/11

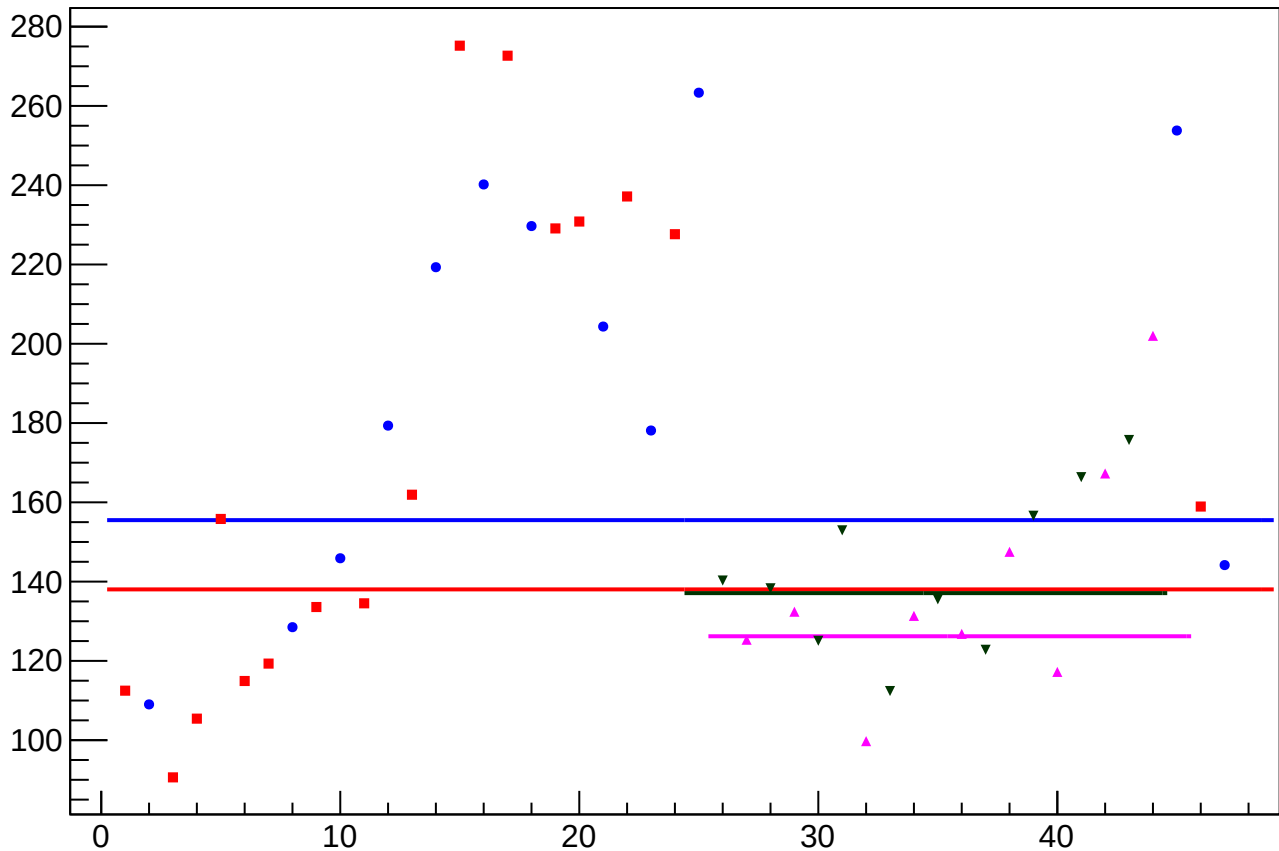
Left Out: 68.904 ± 60.779 χ^2/NDF : 6.5/9

Right Out: -114.849 ± 53.319 χ^2/NDF : 3.5/15

Left In: 34.983 ± 54.517 χ^2/NDF : 1.4/8

-4.709 ± 28.281 χ^2/NDF : 20.5/46

asym_bcm_dg_us_rms vs slug



Right In: 155.508 $\pm$ 0.041 χ^2 /NDF: 1224497.4/11

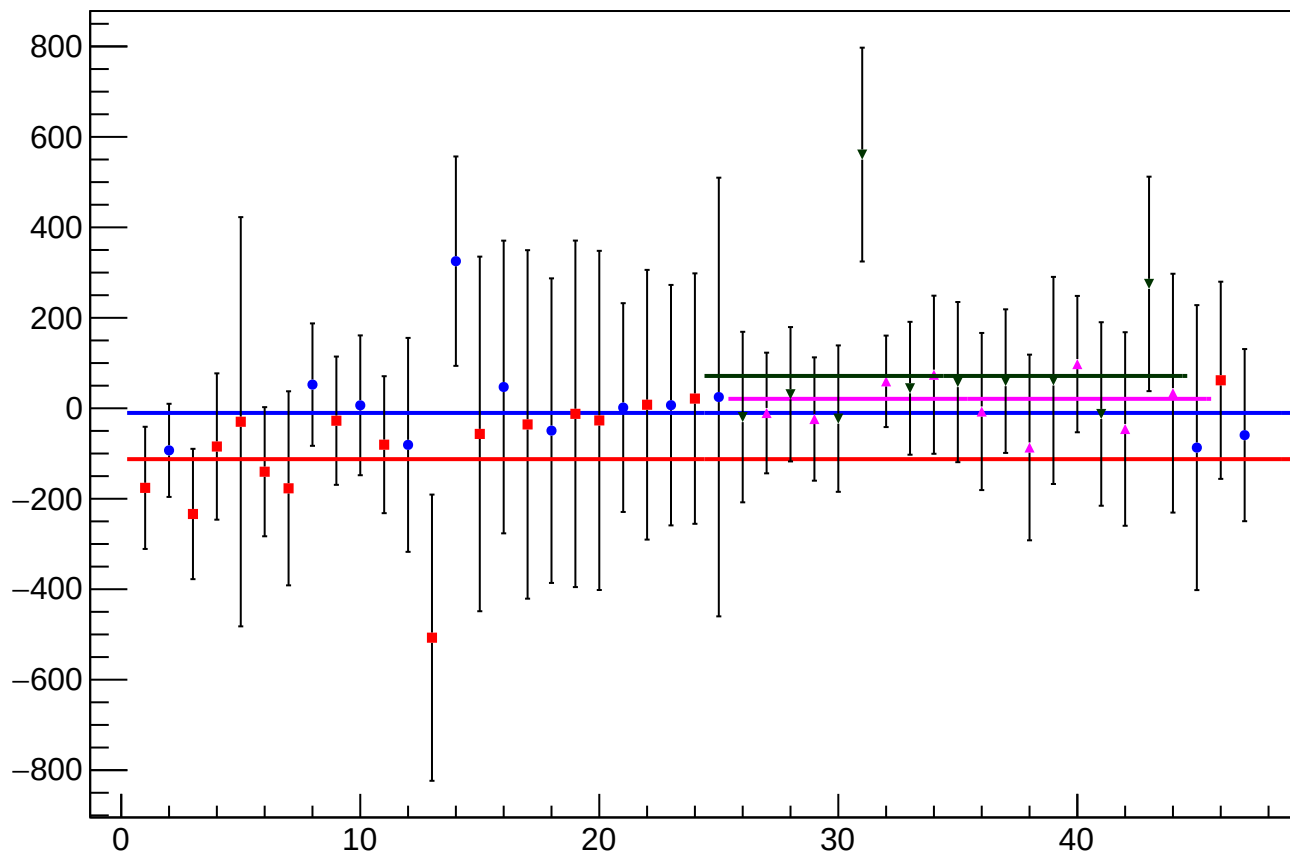
Left Out: 137.095 $\pm$ 0.043 χ^2 /NDF: 178426.5/9

138.721 $\pm$ 0.020 χ^2 /NDF: 3611438.1/46

Right Out: 138.035 $\pm$ 0.038 χ^2 /NDF: 1574743.5/15

Left In: 126.212 $\pm$ 0.039 χ^2 /NDF: 362509.2/8

asym_bcm_dg_ds_mean vs slug



Right In: -10.240 ± 55.847 $\chi^2/\text{NDF}: 3.2/11$

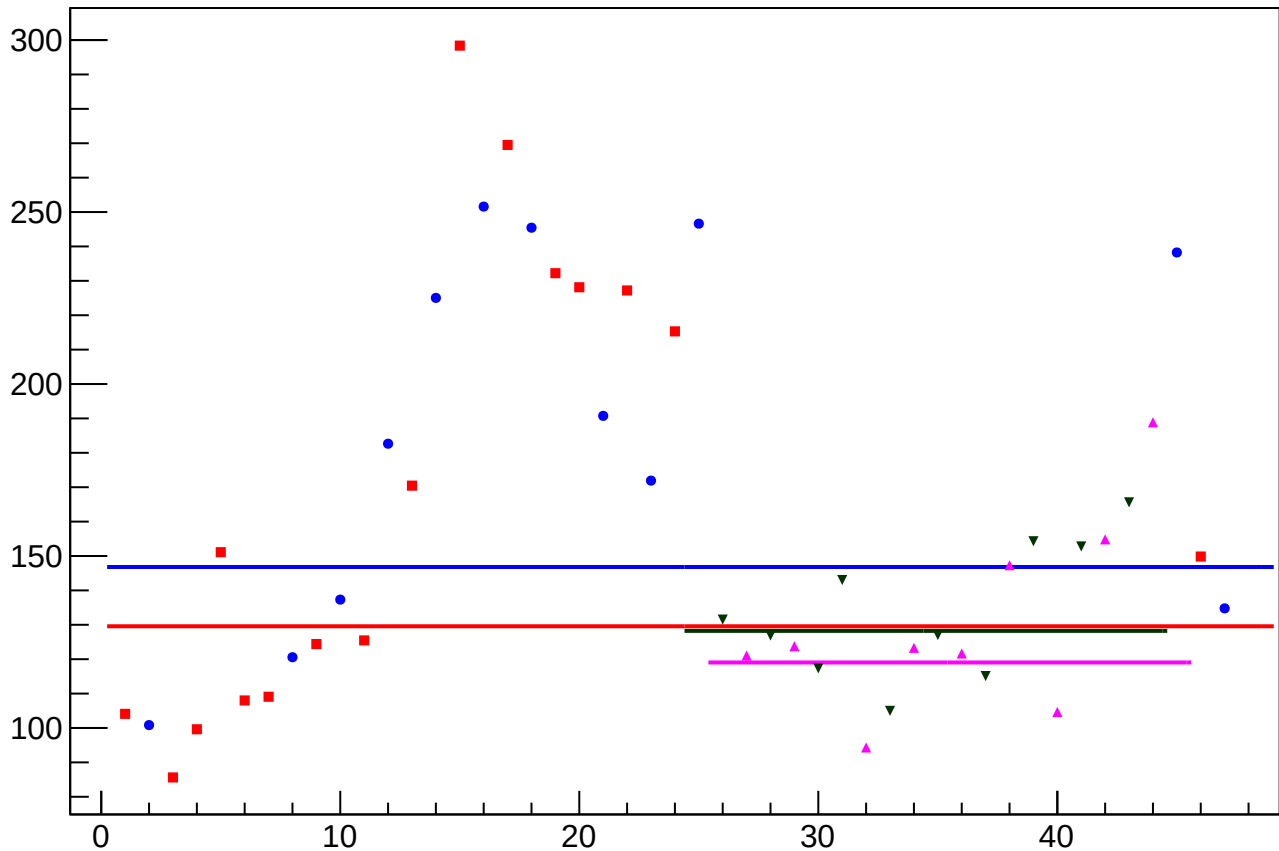
Left Out: 71.515 ± 56.917 $\chi^2/\text{NDF}: 5.9/9$

Right Out: -112.423 ± 50.455 $\chi^2/\text{NDF}: 4.3/15$

Left In: 20.882 ± 51.456 $\chi^2/\text{NDF}: 1.1/8$

-12.490 ± 26.728 $\chi^2/\text{NDF}: 21.0/46$

asym_bcm_dg_ds_rms vs slug



Right In: 146.804+/-0.039 χ^2/NDF : 1488900.7/11

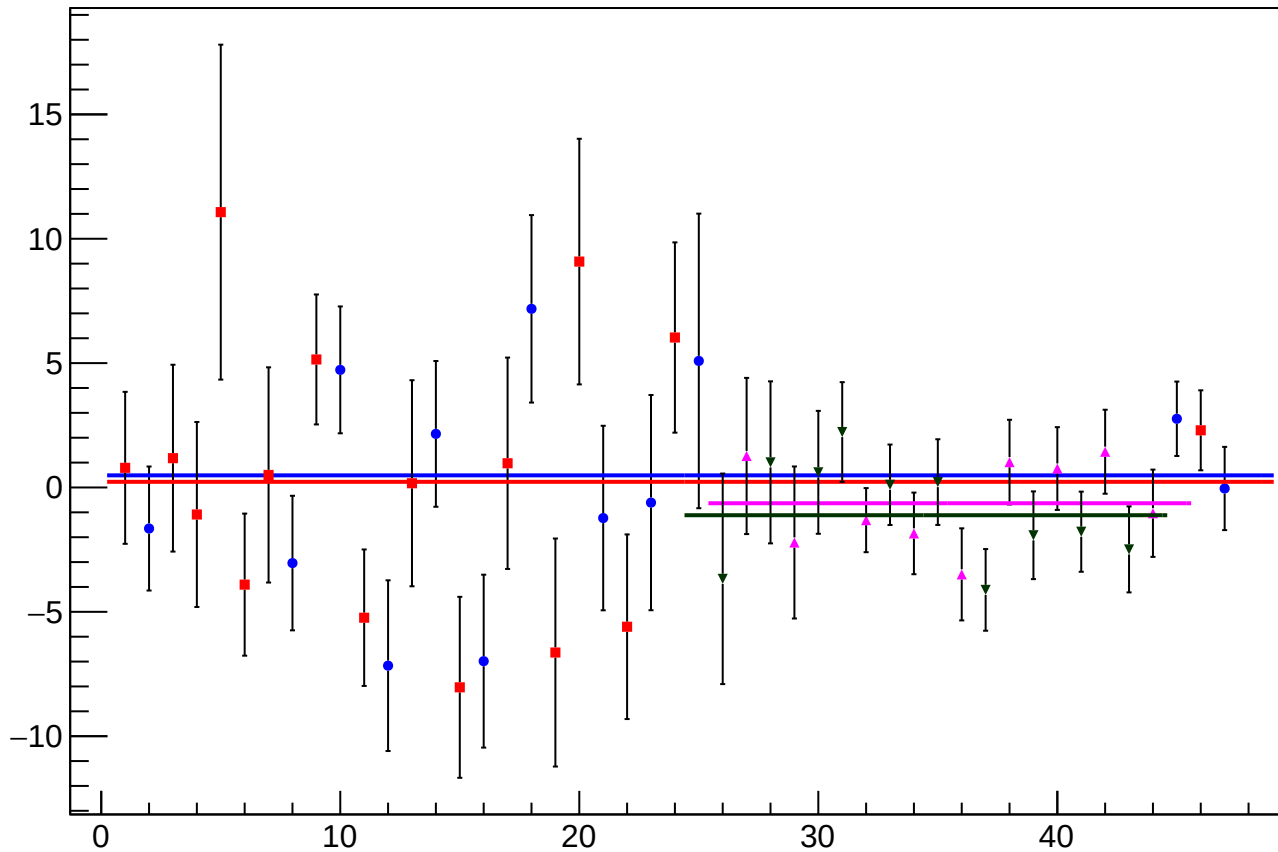
Left Out: 128.233+/-0.040 χ^2/NDF : 186477.9/9

130.385+/-0.019 χ^2/NDF : 4097055.8/46

Right Out: 129.573+/-0.036 χ^2/NDF : 1772221.4/15

Left In: 119.049+/-0.036 χ^2/NDF : 376130.6/8

asym_cav4bQ_mean vs slug



Right In: 0.487 $\pm$ 0.753 χ^2 /NDF: 21.6/11

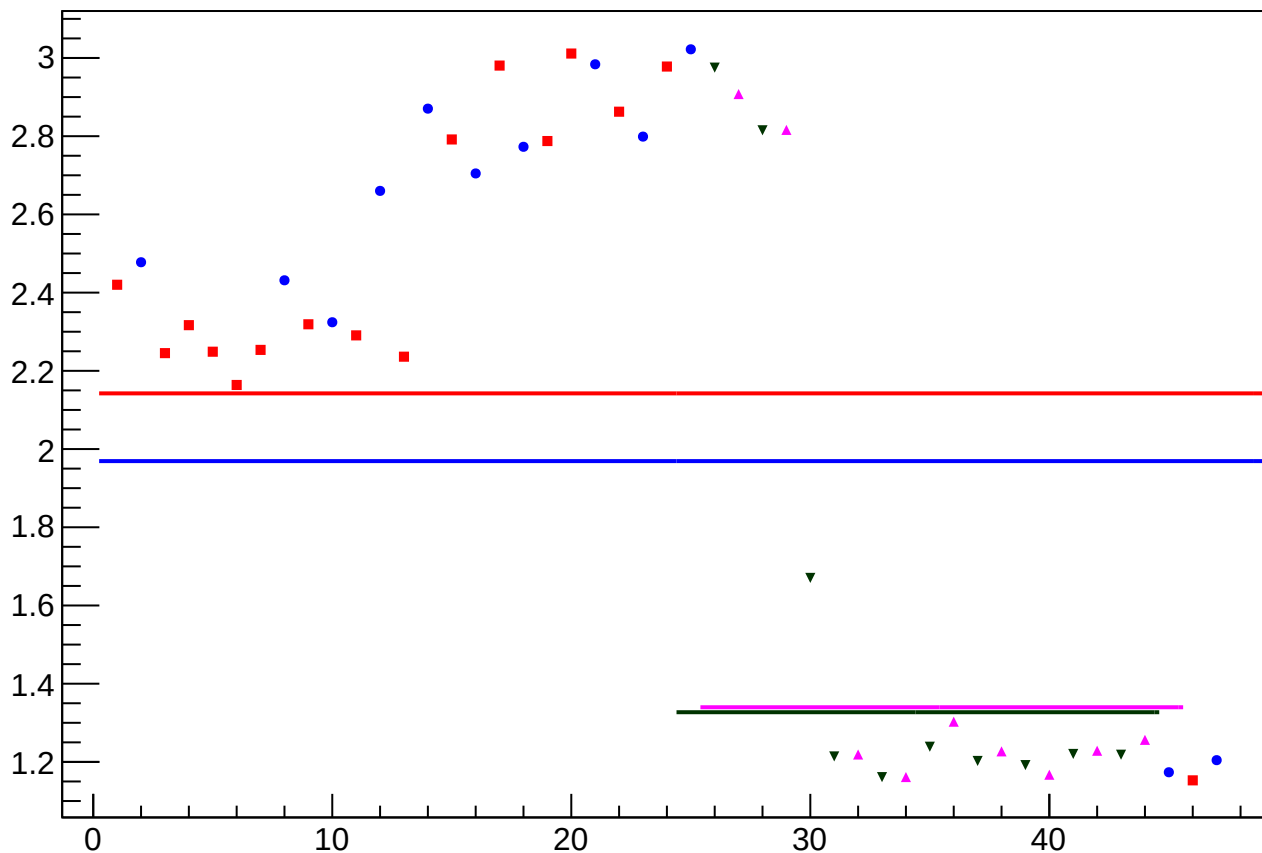
Left Out: -1.116 $\pm$ 0.609 χ^2 /NDF: 9.6/9

Right Out: 0.227 $\pm$ 0.808 χ^2 /NDF: 29.5/15

Left In: -0.634 $\pm$ 0.592 χ^2 /NDF: 7.0/8

-0.408 $\pm$ 0.336 χ^2 /NDF: 71.2/46

asym_cav4bQ_rms vs slug



Right In: 1.969+/-0.001 χ^2/NDF : 1901159.5/11

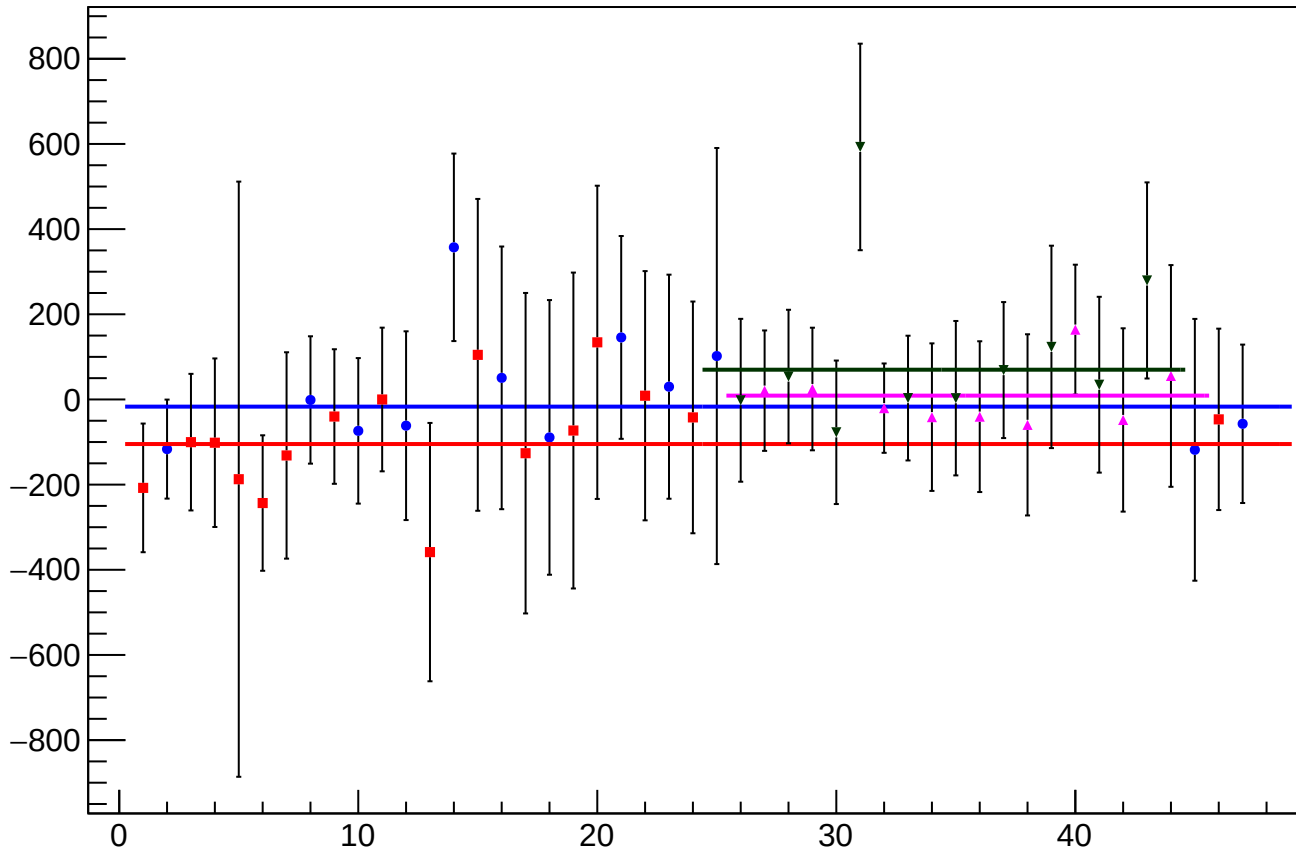
Left Out: 1.327+/-0.000 χ^2/NDF : 831904.3/9

Right Out: 2.142+/-0.001 χ^2/NDF : 1211978.8/15

Left In: 1.340+/-0.000 χ^2/NDF : 1050931.9/8

1.601+/-0.000 χ^2/NDF : 7167292.9/46

asym_cav4cQ_mean vs slug



Right In: -16.865 $\pm$ 58.741 χ^2/NDF : 4.6/11

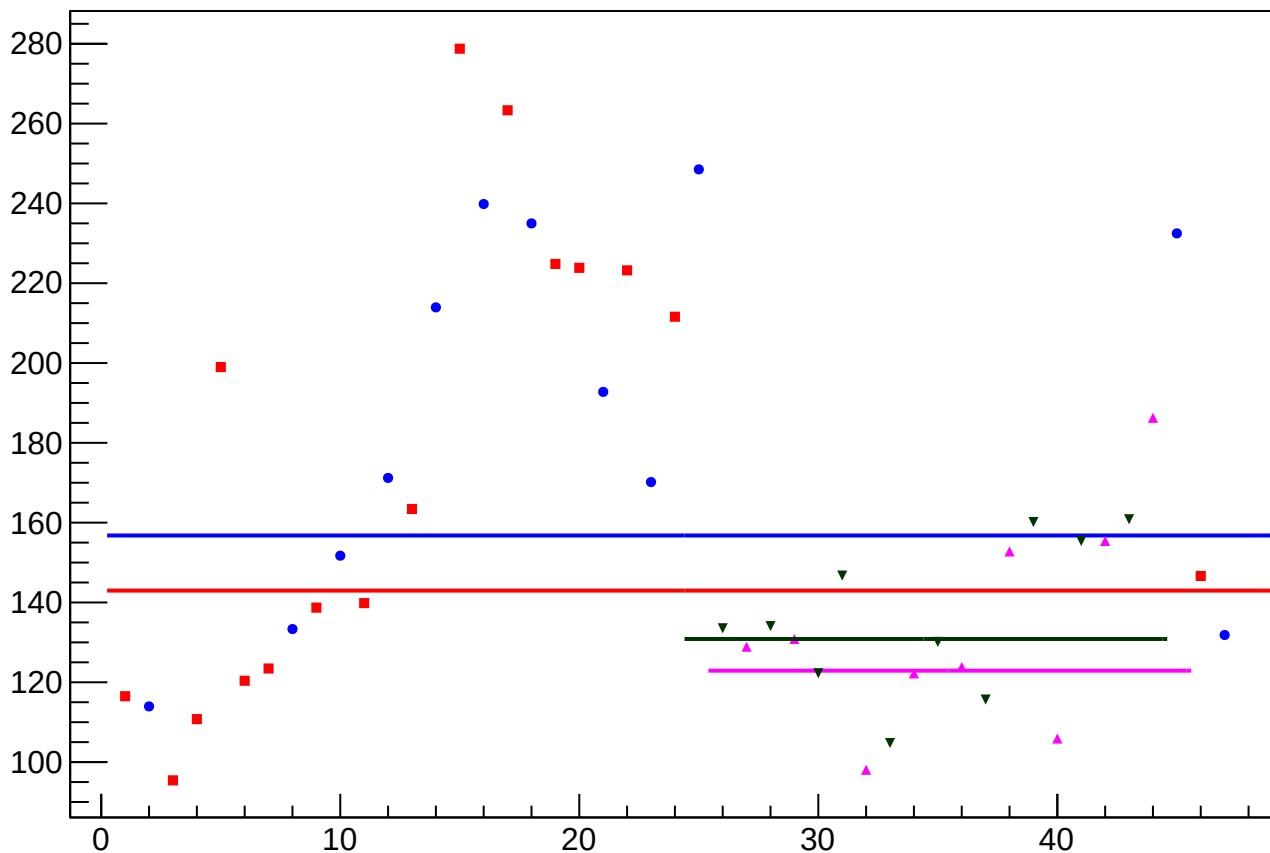
Left Out: 69.857 $\pm$ 58.074 χ^2/NDF : 6.8/9

-12.159 $\pm$ 28.046 χ^2/NDF : 21.4/46

Right Out: -104.704 $\pm$ 55.107 χ^2/NDF : 3.5/15

Left In: 8.979 $\pm$ 53.017 χ^2/NDF : 1.5/8

asym_cav4cQ_rms vs slug



Right In: 156.786+/-0.042 χ^2/NDF : 1006901.1/11

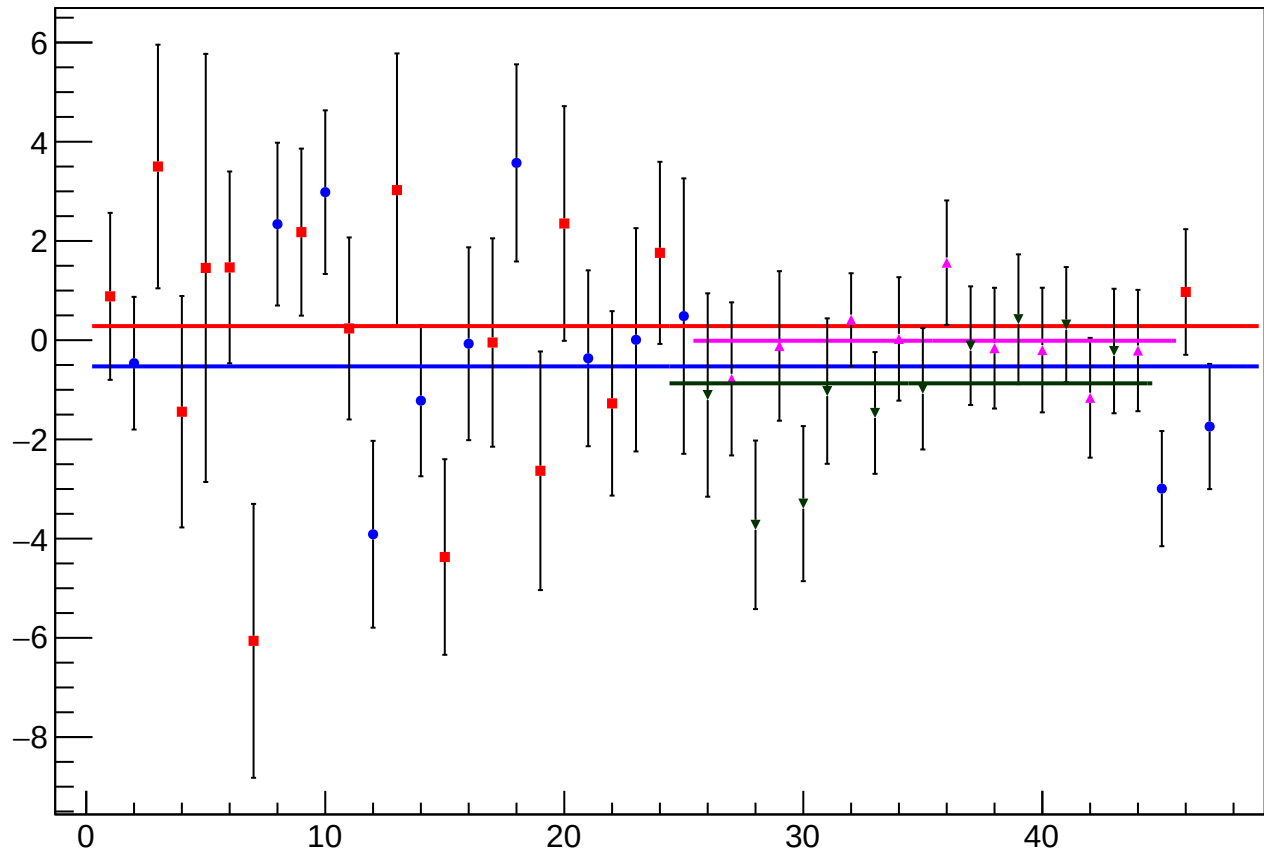
Left Out: 130.853+/-0.041 χ^2/NDF : 189147.6/9

Right Out: 142.977+/-0.039 χ^2/NDF : 1319595.2/15

Left In: 122.913+/-0.037 χ^2/NDF : 350248.9/8

137.683+/-0.020 χ^2/NDF : 3278747.0/46

asym_cav4dQ_mean vs slug



Right In: -0.528 ± 0.469 χ^2/NDF : 21.0/11

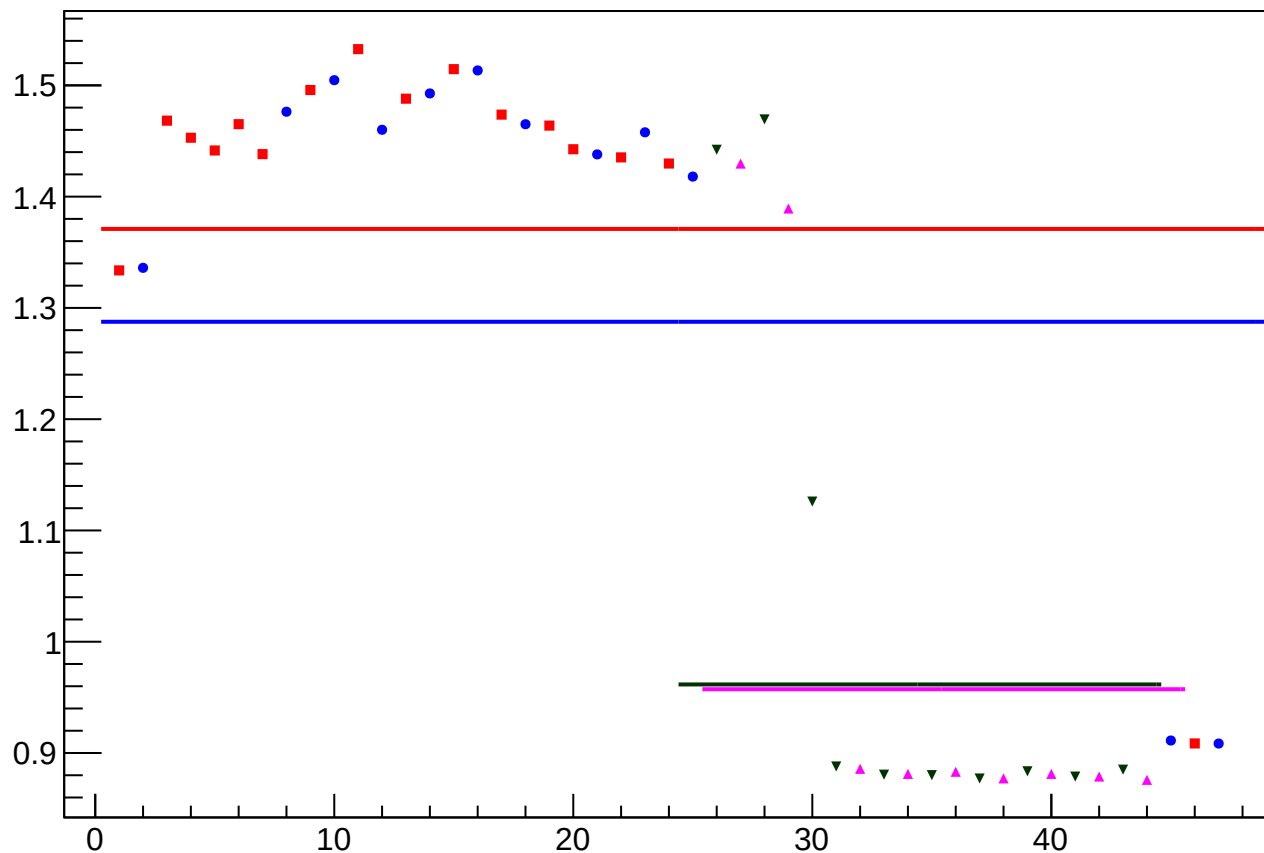
Left Out: -0.870 ± 0.428 χ^2/NDF : 8.2/9

Right Out: 0.284 ± 0.501 χ^2/NDF : 19.9/15

Left In: -0.011 ± 0.410 χ^2/NDF : 3.0/8

-0.305 ± 0.224 χ^2/NDF : 55.9/46

asym_cav4dQ_rms vs slug



Right In: 1.288+/-0.000 χ^2/NDF : 580767.1/11

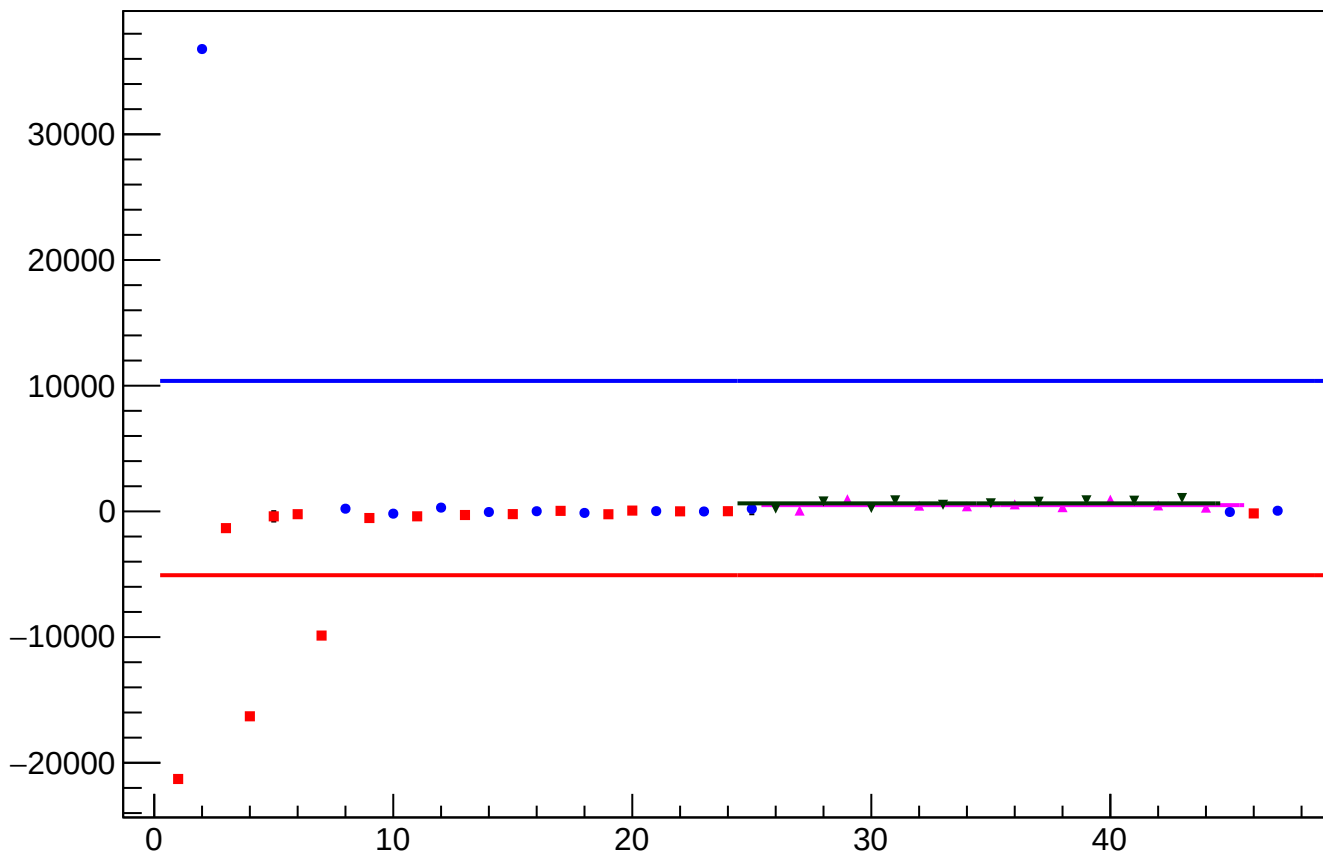
Left Out: 0.962+/-0.000 χ^2/NDF : 368279.6/9

Right Out: 1.371+/-0.000 χ^2/NDF : 334662.3/15

Left In: 0.957+/-0.000 χ^2/NDF : 411277.8/8

1.116+/-0.000 χ^2/NDF : 3039945.7/46

asym_bcm0l02_mean vs slug



Right In: 10380.275+/-57.638 χ^2/NDF : 82258.4/11

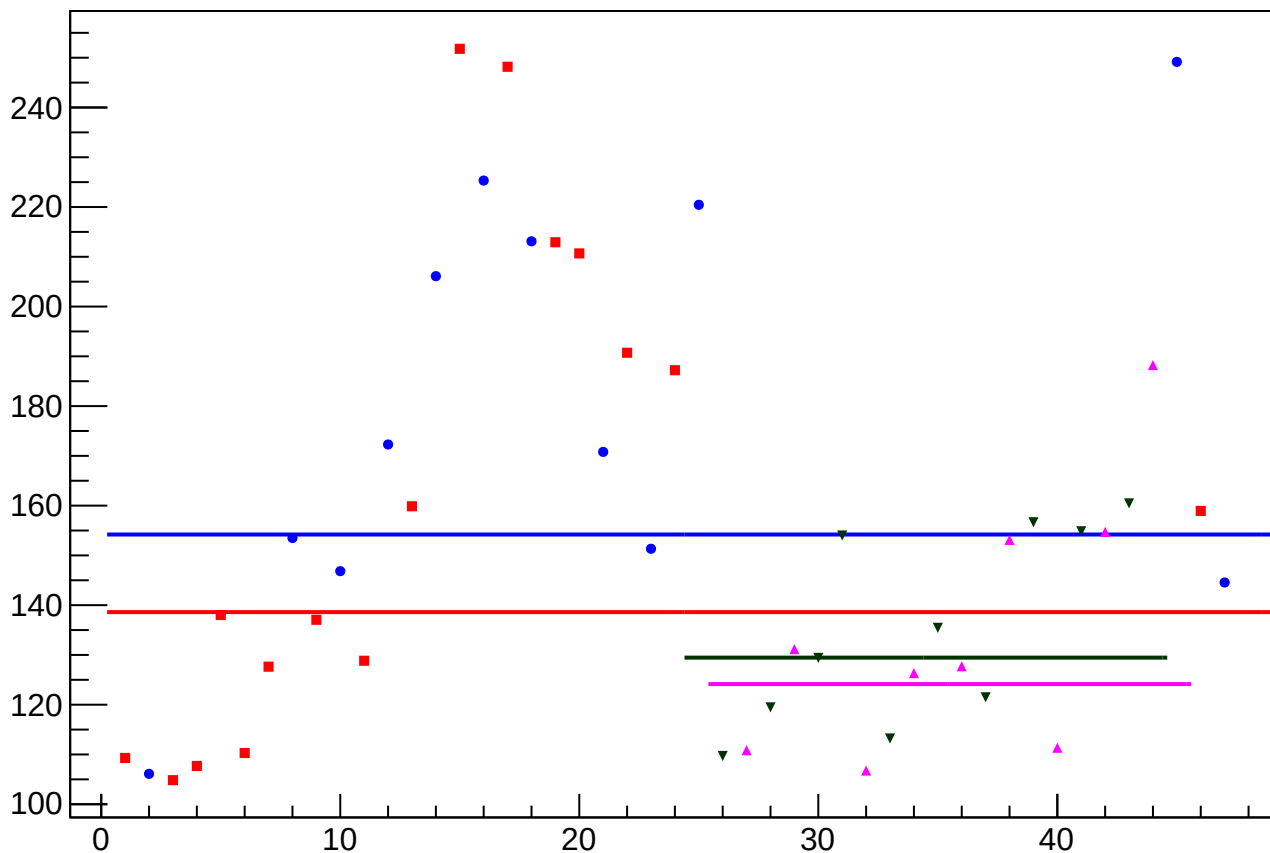
Left Out: 639.239+/-57.504 χ^2/NDF : 20.2/9

Right Out: -5077.251+/-52.838 χ^2/NDF : 22964.3/15

Left In: 497.244+/-53.287 χ^2/NDF : 32.6/8

1274.550+/-27.589 χ^2/NDF : 145019.6/46

asym_bcm0l02_rms vs slug



Right In: 154.198+/-0.041 χ^2/NDF : 961930.1/11

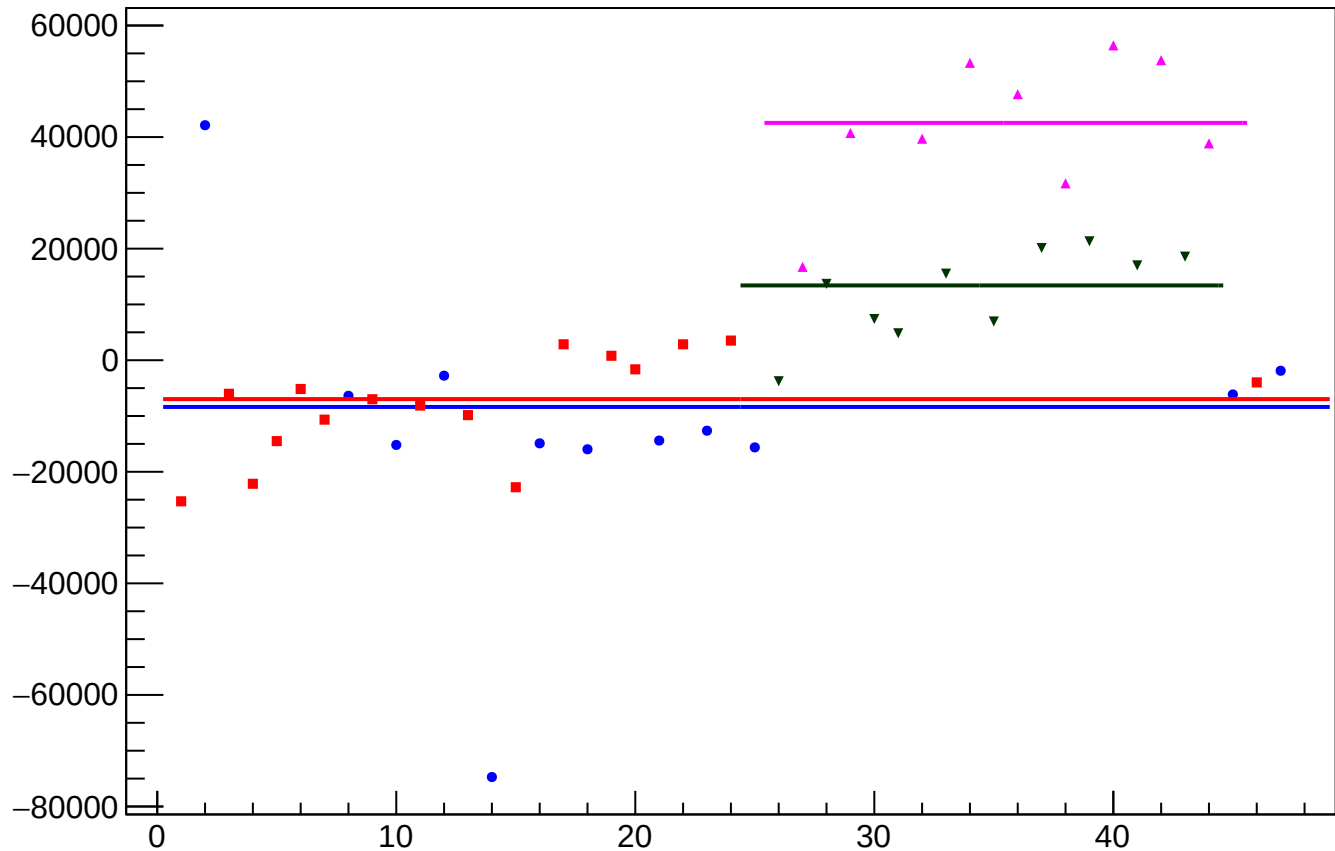
Left Out: 129.459+/-0.041 χ^2/NDF :182455.9/9

Right Out: 138.605+/-0.037 χ^2/NDF : 1097973.1/15

Left In: 124.143+/-0.038 χ^2/NDF :285457.0/8

136.196+/-0.020 χ^2/NDF : 2856834.1/46

asym_bpm2i01WS_mean vs slug



Right In: -8376.023 ± 41.015 $\chi^2/\text{NDF}: 440735.9/11$

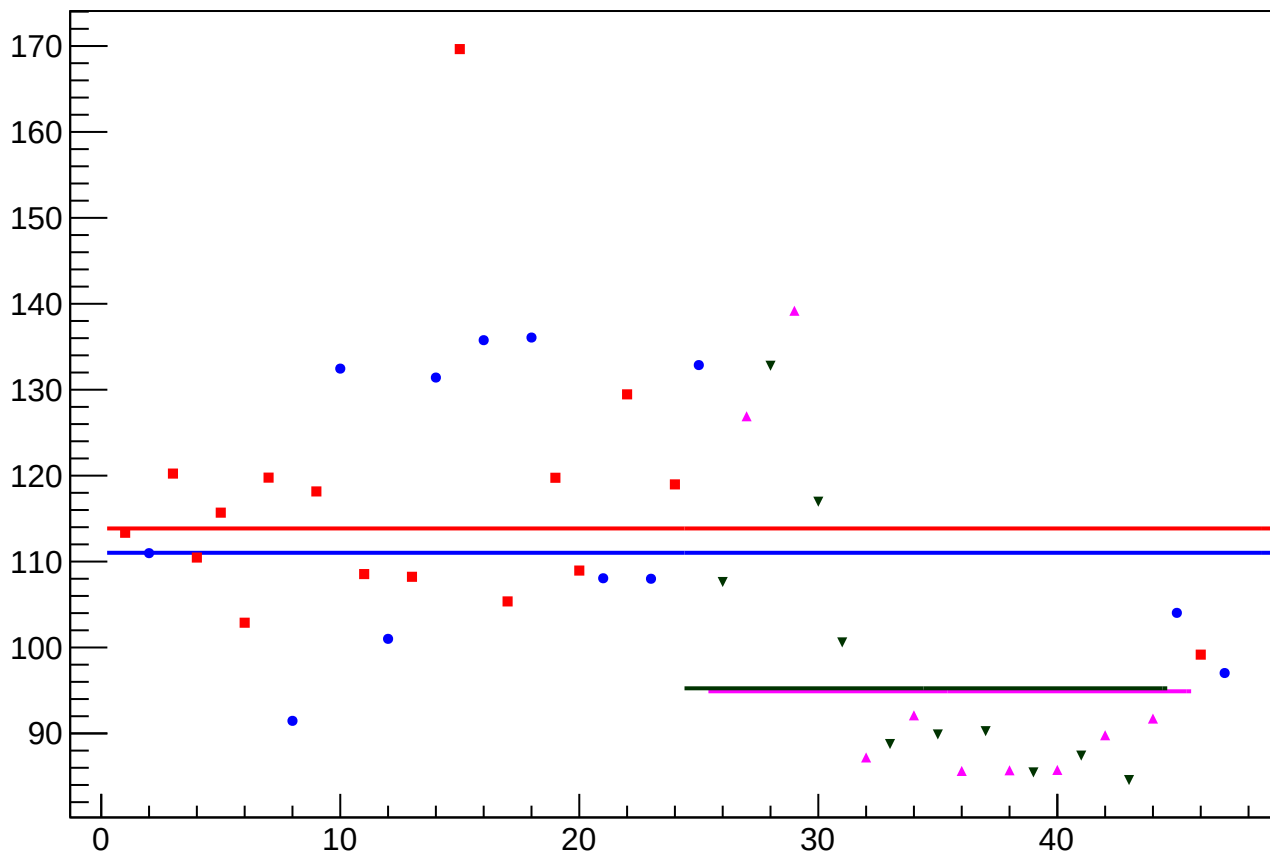
Left Out: 13405.362 ± 42.893 $\chi^2/\text{NDF}: 28720.4/9$

10269.990 ± 20.998 $\chi^2/\text{NDF}: 1565157.7/46$

Right Out: -6971.230 ± 42.750 $\chi^2/\text{NDF}: 42446.9/15$

Left In: 42545.770 ± 41.419 $\chi^2/\text{NDF}: 71340.1/8$

asym_bpm2i01WS_rms vs slug



Right In: 111.021+/-0.029 χ^2/NDF : 280330.5/11

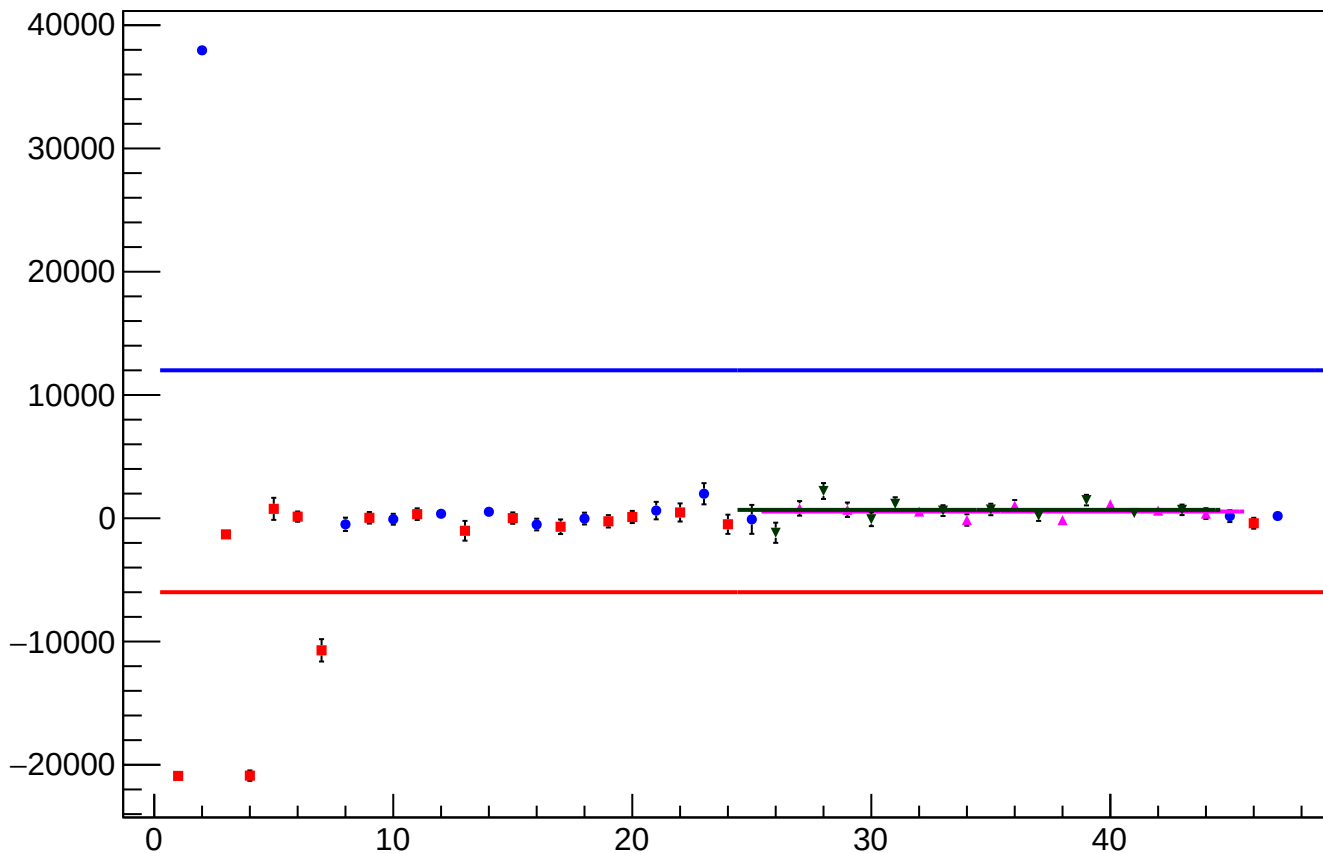
Left Out: 95.249+/-0.030 χ^2/NDF : 204901.3/9

Right Out: 113.854+/-0.030 χ^2/NDF : 186688.2/15

Left In: 94.902+/-0.029 χ^2/NDF : 314279.6/8

103.782+/-0.015 χ^2/NDF : 1330590.0/46

asym_bpm0i07WS_mean vs slug



Right In: 12002.494+/-120.797 χ^2 /NDF: 21062.7/11

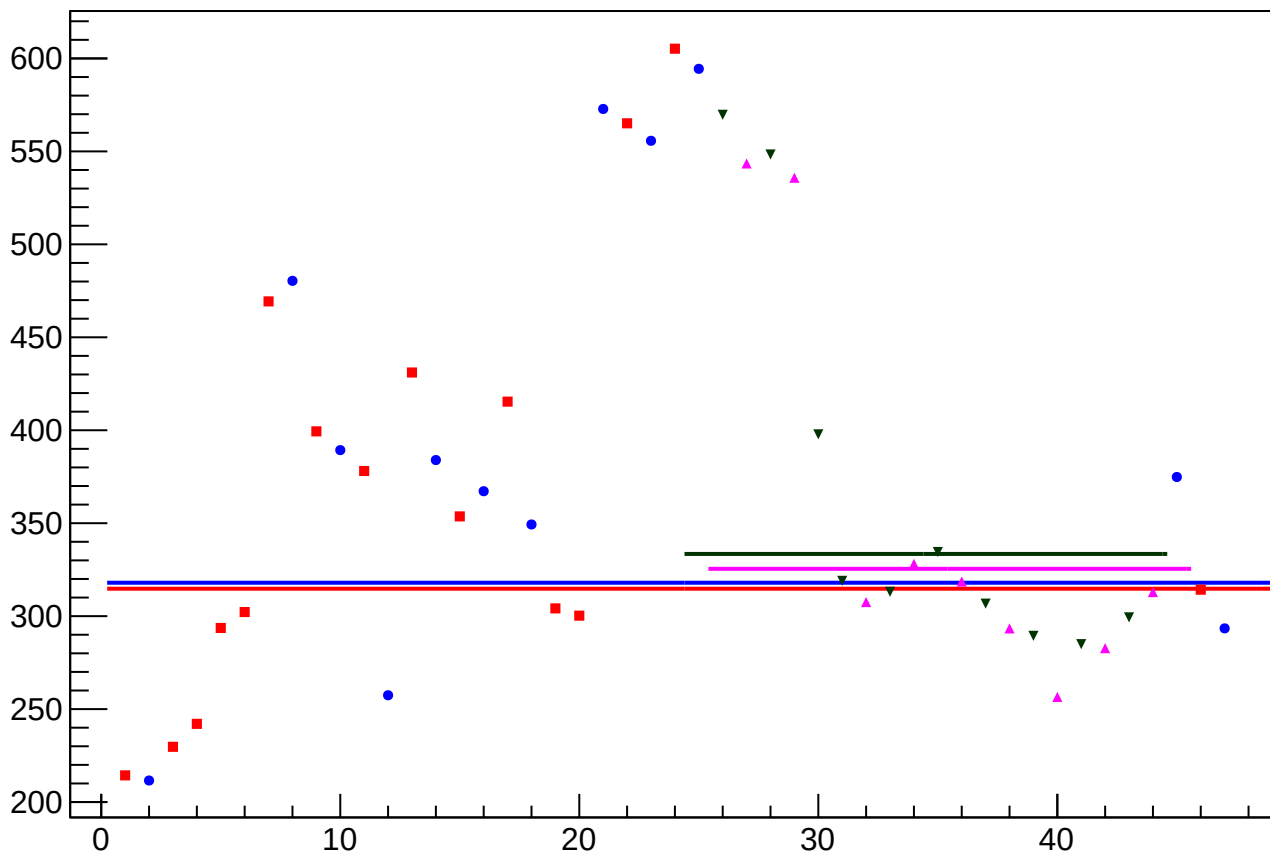
Left Out: 679.433+/-150.483 χ^2 /NDF:18.7/9

2041.849+/-65.827 χ^2 /NDF: 38226.3/46

Right Out: -5998.192+/-121.149 χ^2 /NDF: 5738.6/15

Left In: 547.386+/-141.487 χ^2 /NDF:9.2/8

asym_bpm0i07WS_rms vs slug



Right In: 317.977+/-0.085 χ^2/NDF : 1425963.2/11

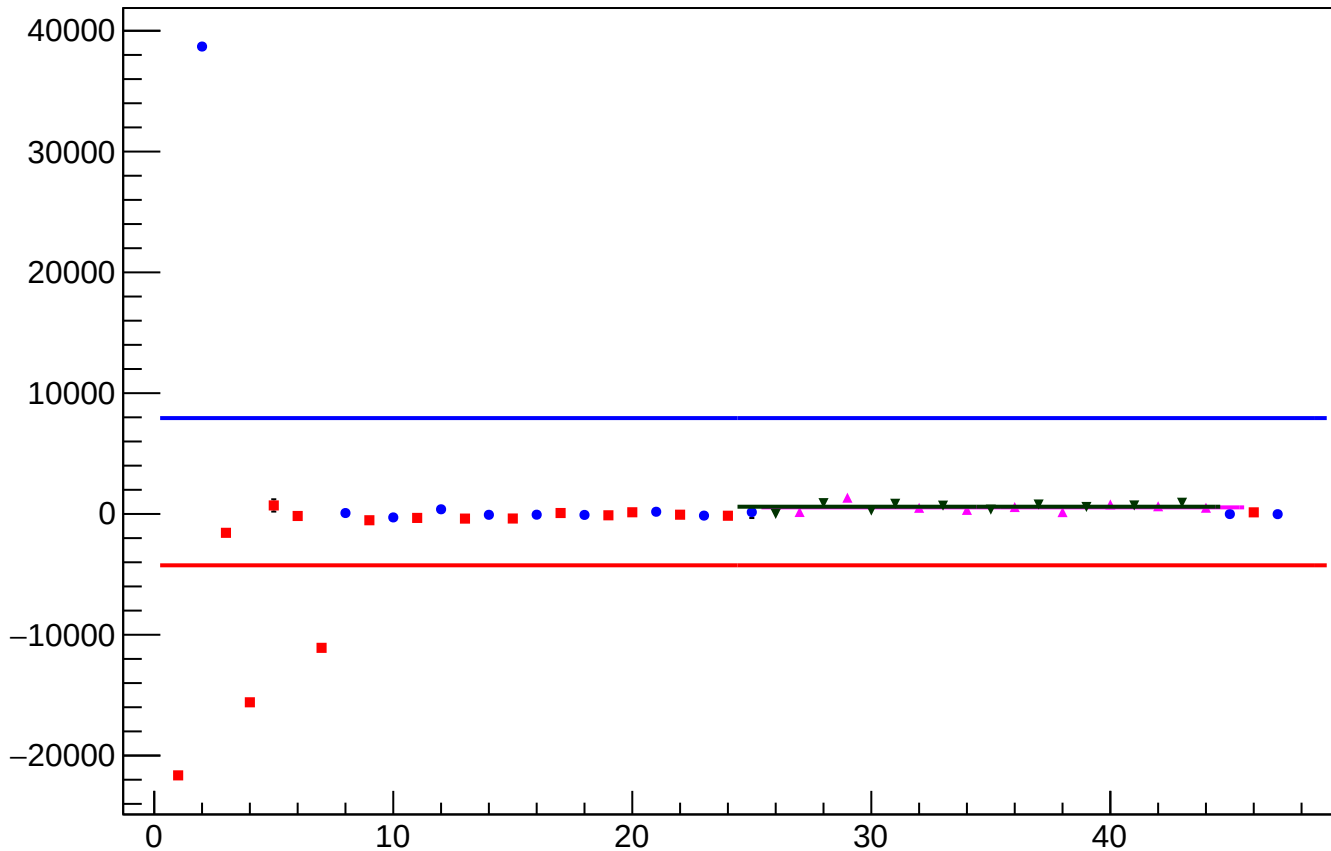
Left Out: 333.460+/-0.106 χ^2/NDF : 496634.9/9

321.610+/-0.047 χ^2/NDF : 3793373.8/46

Right Out: 314.761+/-0.086 χ^2/NDF : 1201468.4/15

Left In: 325.461+/-0.100 χ^2/NDF : 647222.0/8

asym_bpm0l01WS_mean vs slug



Right In: 7936.529+/-70.133 χ^2/NDF : 49648.6/11

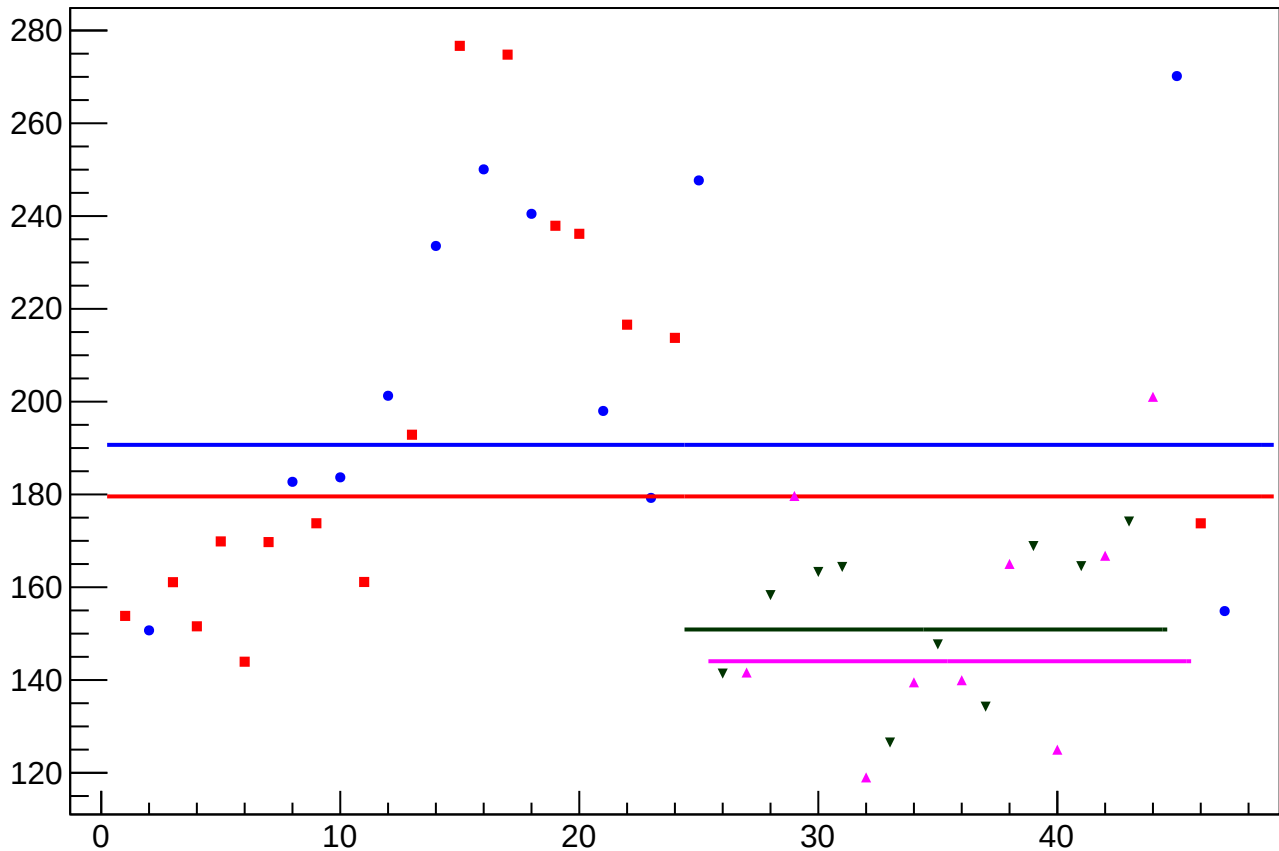
Left Out: 599.867+/-66.829 χ^2/NDF : 18.7/9

1038.651+/-33.116 χ^2/NDF : 78451.4/46

Right Out: -4251.435+/-67.107 χ^2/NDF : 12760.2/15

Left In: 545.556+/-61.714 χ^2/NDF : 29.0/8

asym_bpm0l01WS_rms vs slug



Right In: 190.687 ± 0.050 χ^2/NDF : 507611.2/11

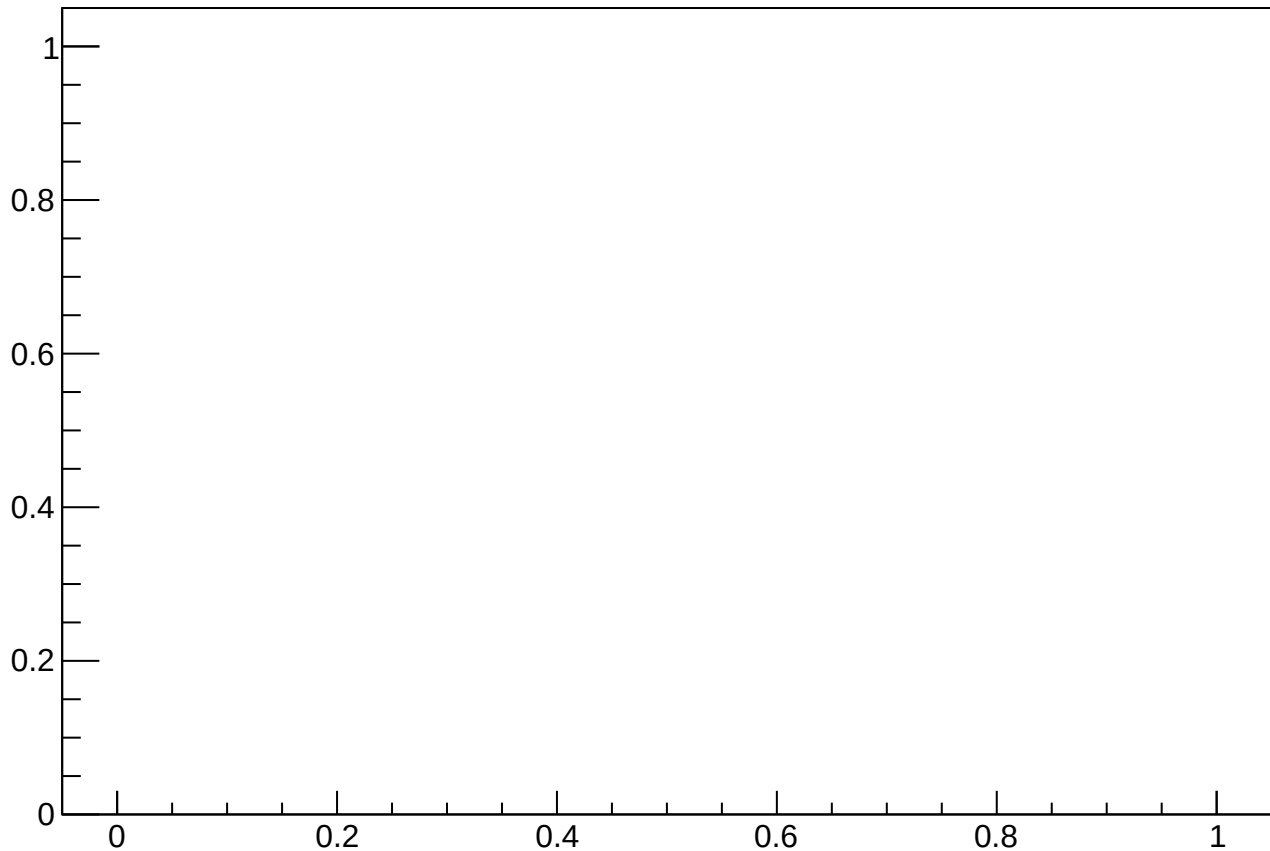
Left Out: 150.893 ± 0.047 χ^2/NDF : 108919.3/9

Right Out: 179.574 ± 0.047 χ^2/NDF : 573658.4/15

Left In: 144.049 ± 0.044 χ^2/NDF : 287751.6/8

164.779 ± 0.023 χ^2/NDF : 2160103.9/46

bcm_an_us_ds_avg_mean vs slug



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

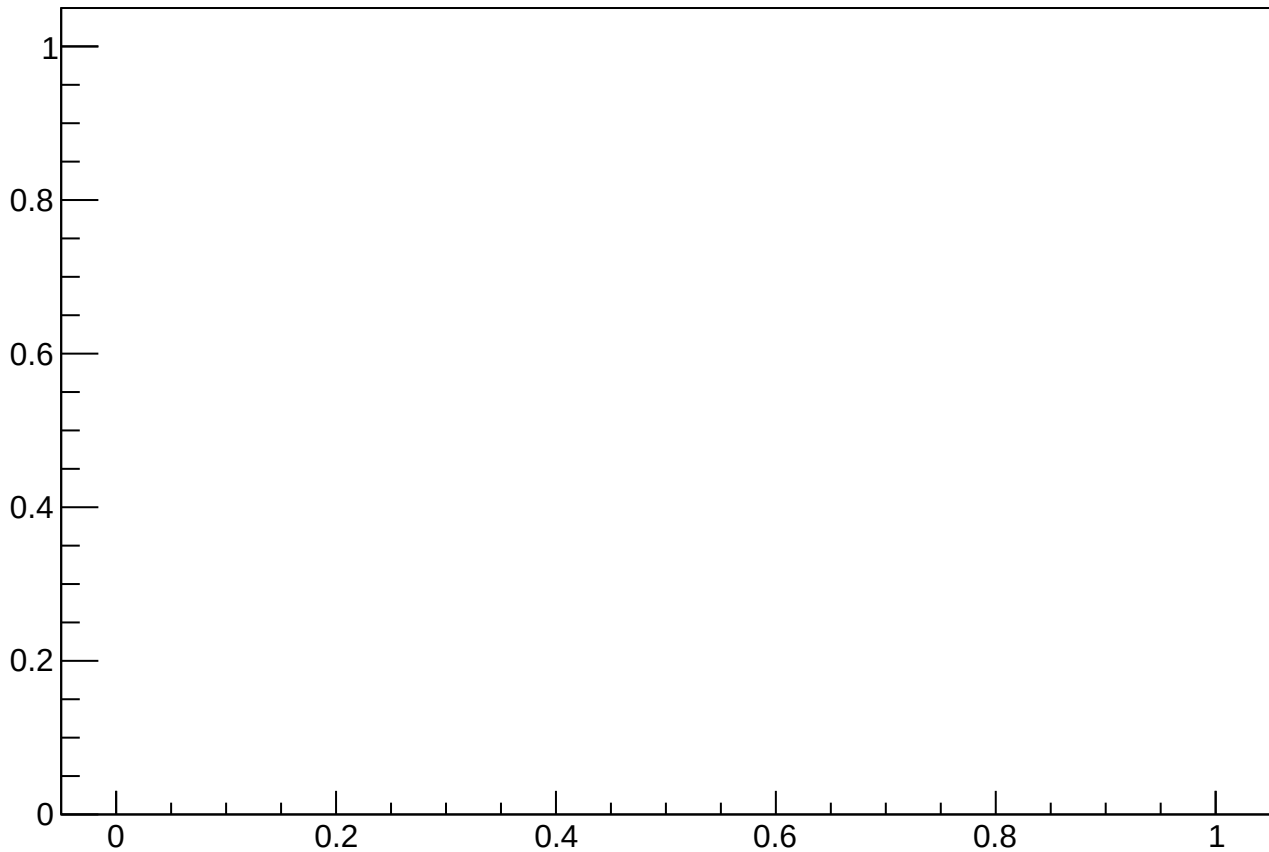
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_an_us_ds_avg_rms vs slug



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

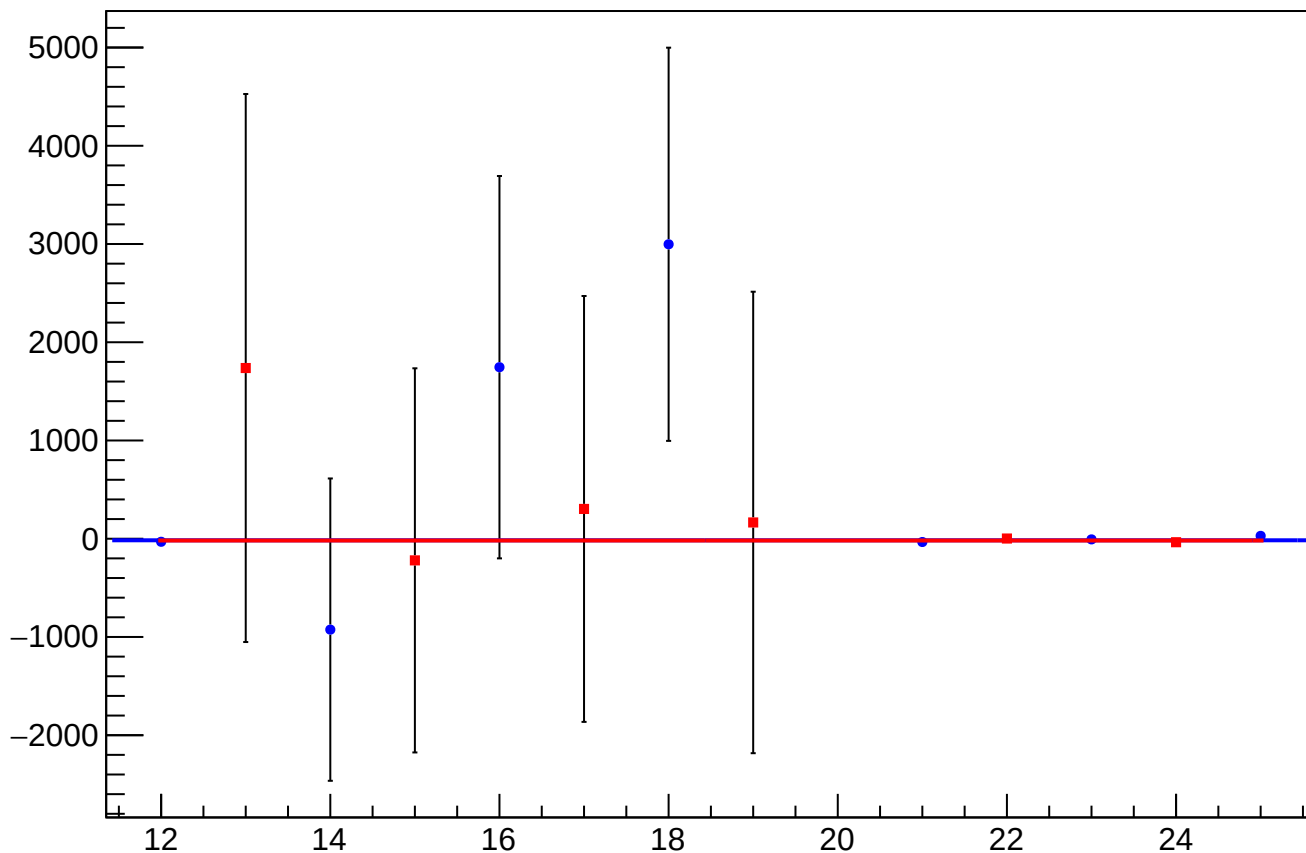
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_an_us_ds_dd_mean vs slug



Right In: -15.870+/-14.549 χ^2/NDF : 6.0/6

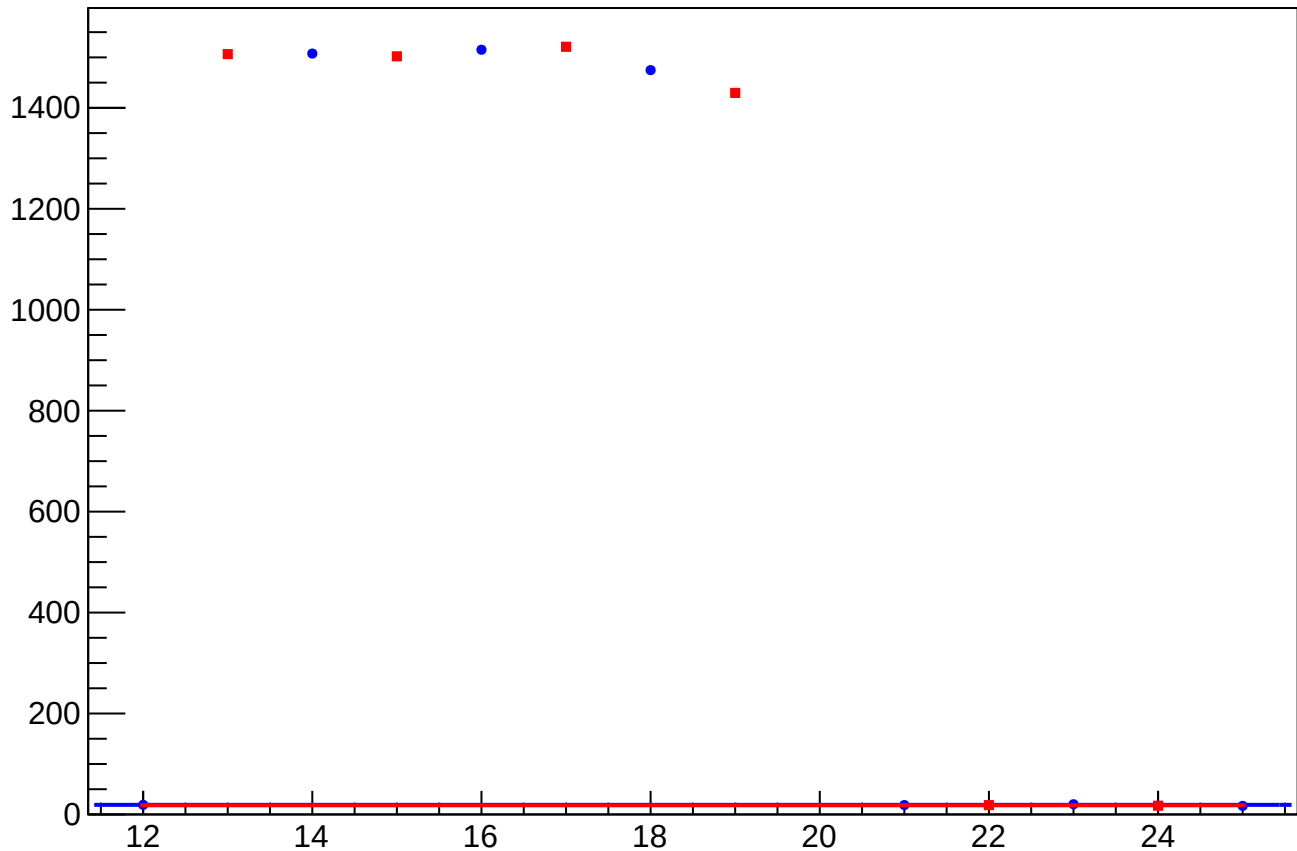
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.079+/-16.591 χ^2/NDF : 1.7/5

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

-16.830+/-10.939 χ^2/NDF : 7.7/12

bcm_an_us_ds_dd_rms vs slug



Right In: 19.049+/-0.010 χ^2/NDF : 4122742.4/6

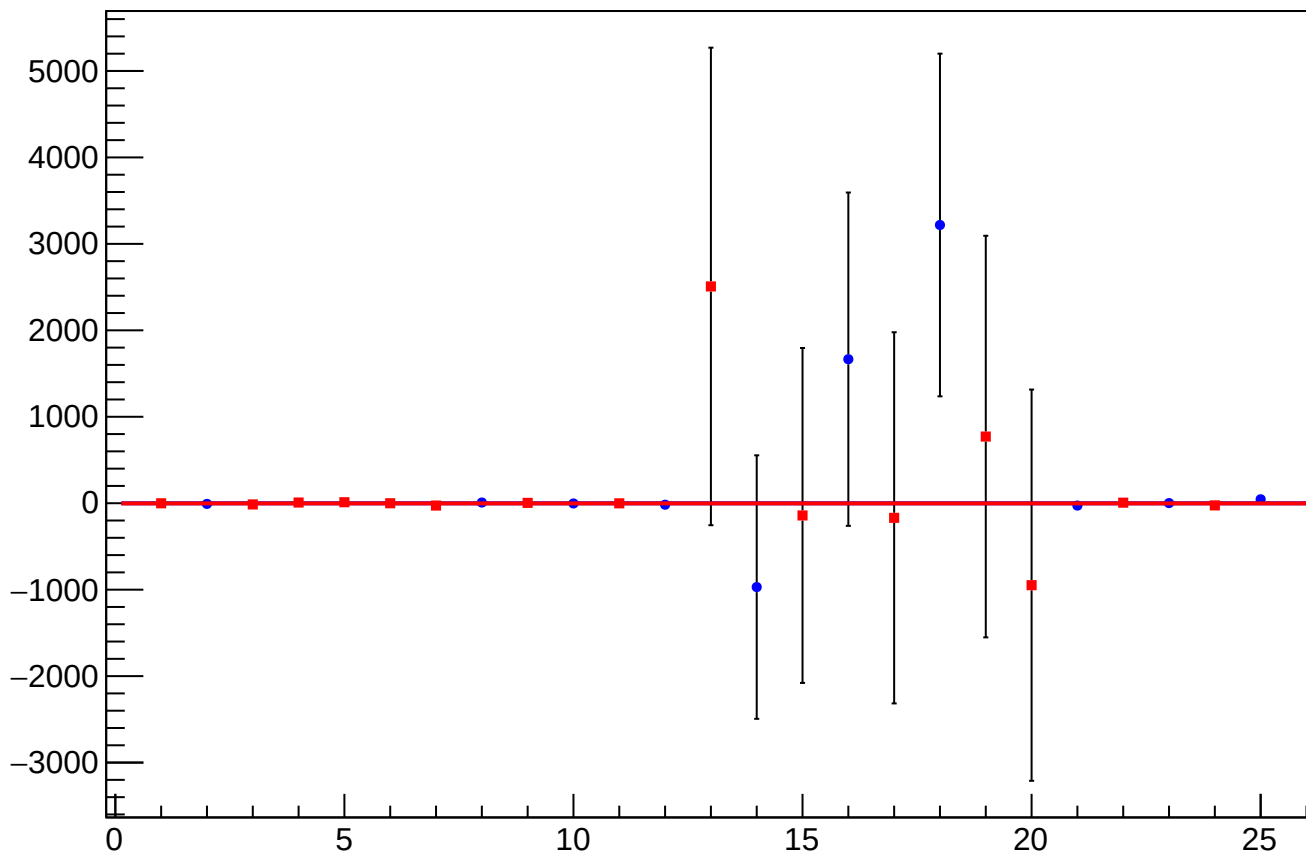
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

18.659+/-0.008 χ^2/NDF : 7534611.1/12

Right Out: 18.152+/-0.012 χ^2/NDF : 3408562.1/5

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

bcm_an_us_ds3_dd_mean vs slug



Right In: -0.708+/-5.405 χ^2/NDF : 8.6/9

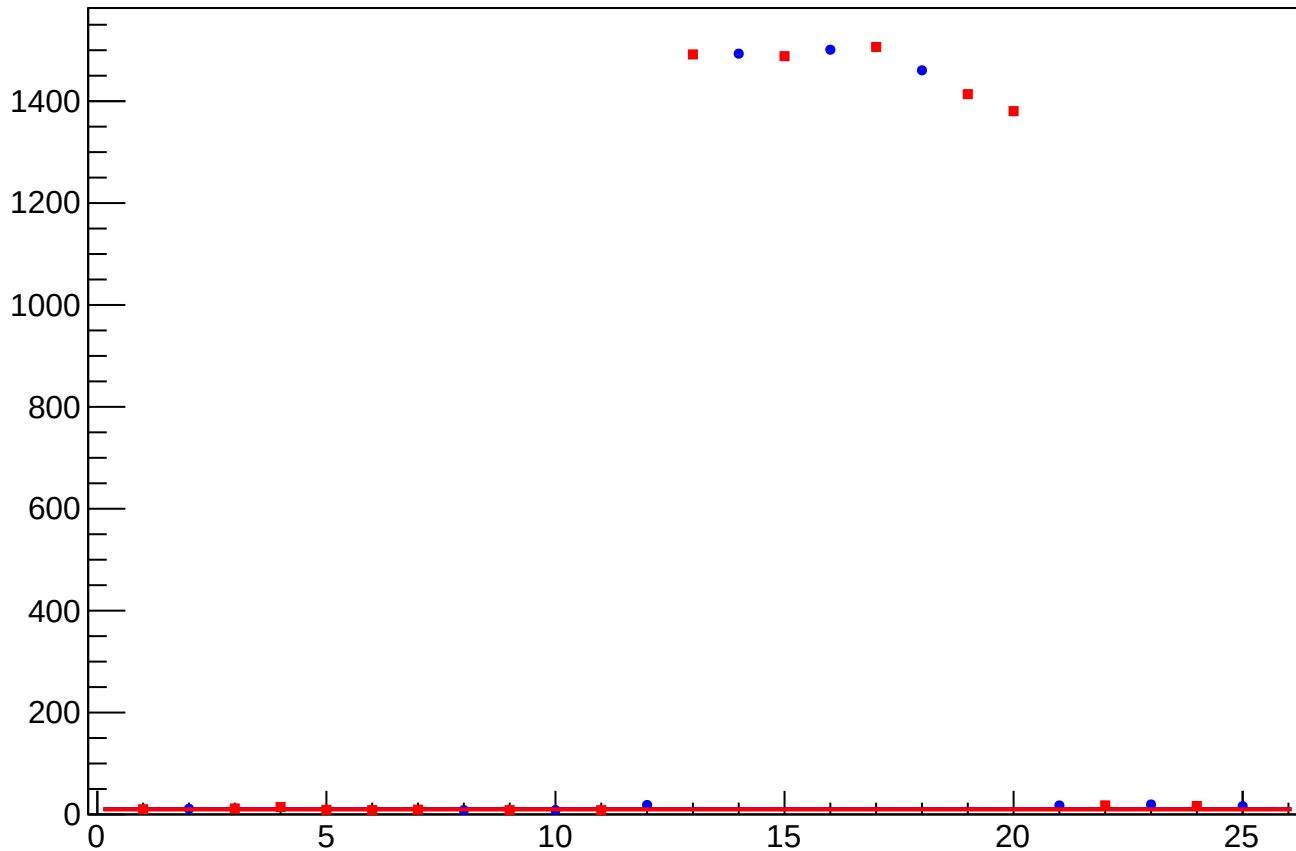
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.112+/-4.660 χ^2/NDF : 5.3/14

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

-1.513+/-3.530 χ^2/NDF : 14.0/24

bcm_an_us_ds3_dd_rms vs slug



Right In: 10.460+/-0.004 χ^2/NDF : 4924662.9/9

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

Right Out: 9.922+/-0.003 χ^2/NDF : 4786628.8/14

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

10.152+/-0.002 χ^2/NDF : 9722660.7/24

bcm_an_ds_ds3_dd_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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

bcm_an_ds_ds3_dd_rms vs slug



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

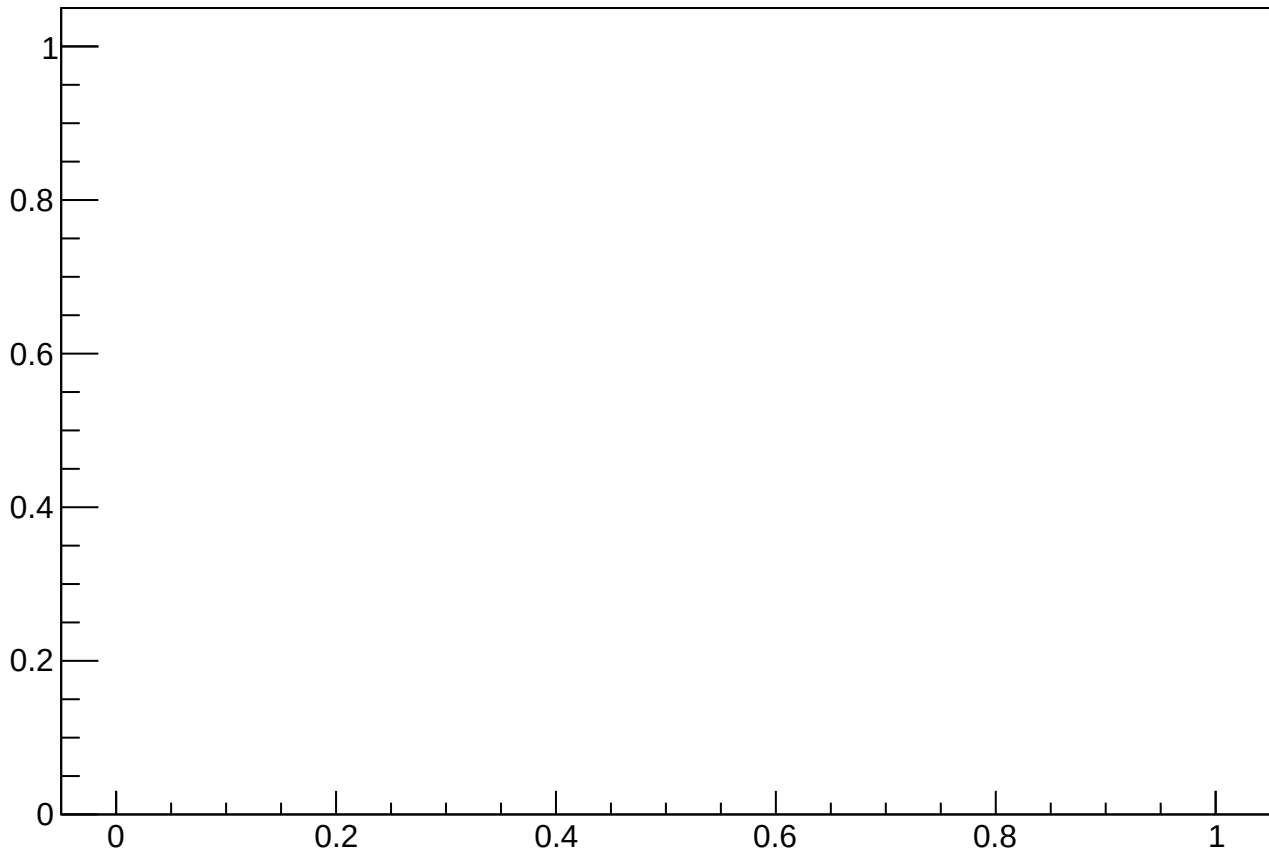
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_mean vs slug



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

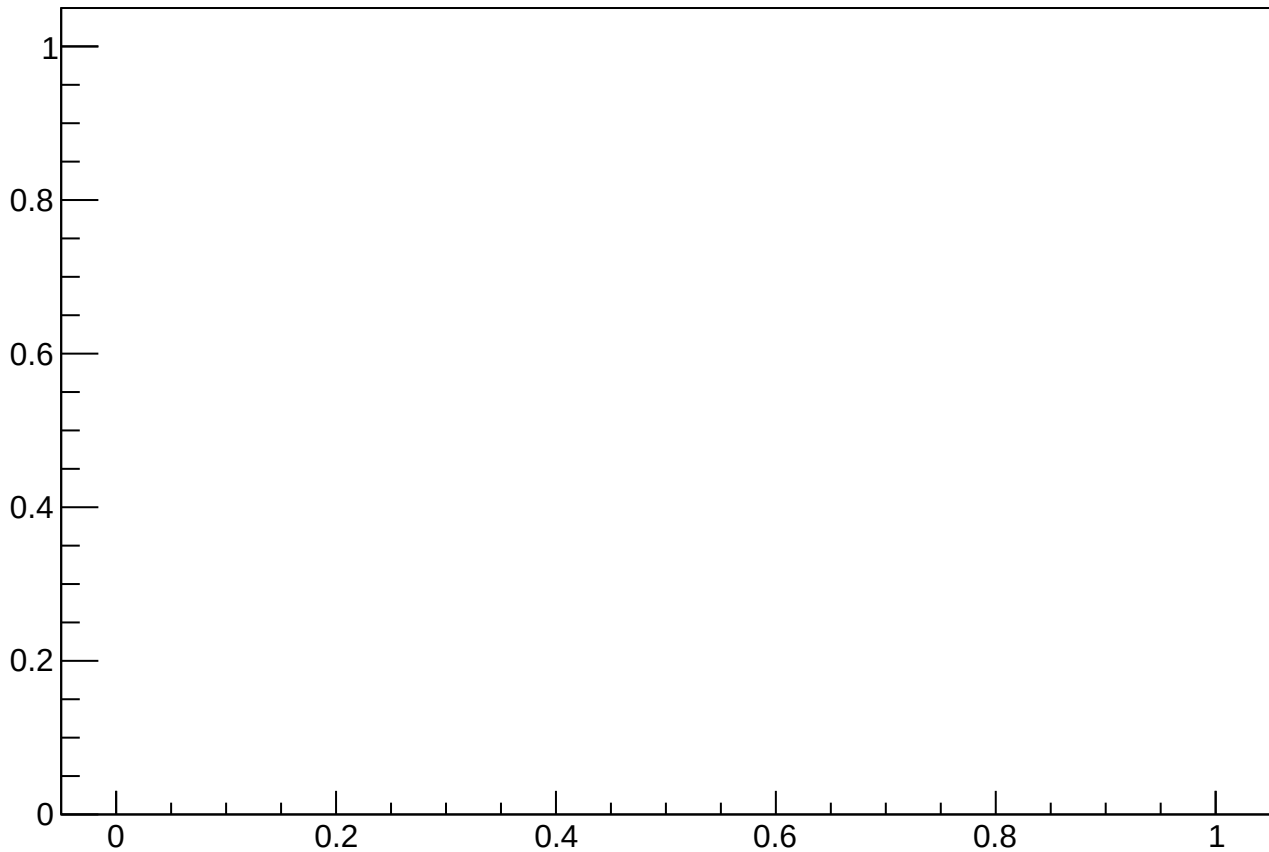
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds_avg_rms vs slug



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

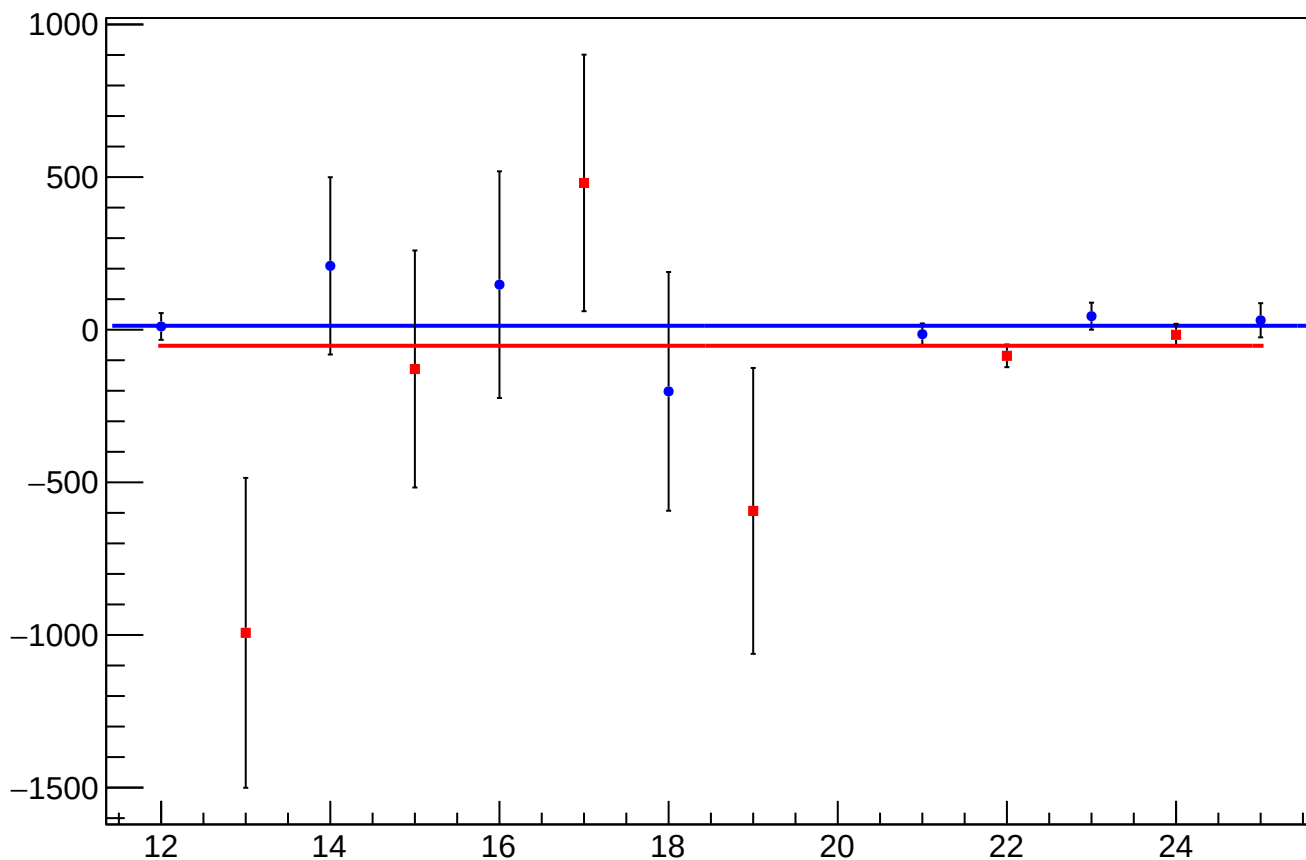
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_us_ds_dd_mean vs slug



Right In: 12.932+/-21.366 χ^2/NDF : 2.1/6

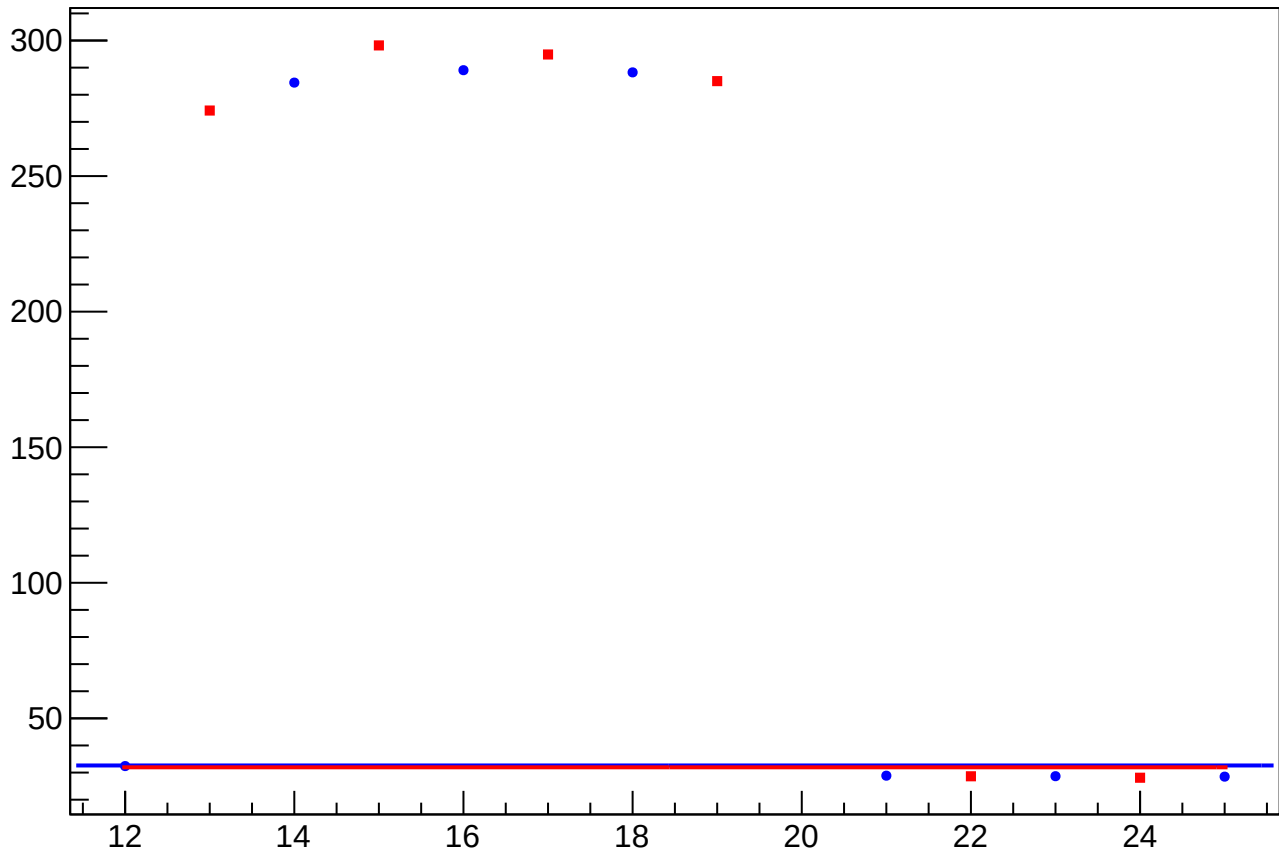
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.584+/-25.708 χ^2/NDF : 8.2/5

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

-13.835+/-16.432 χ^2/NDF : 14.2/12

bcm_dg_us_ds_dd _rms vs slug



Right In: 32.622 $\pm$ 0.015 χ^2 /NDF: 3363416.8/6

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

32.345 $\pm$ 0.012 χ^2 /NDF: 6166234.2/12

Right Out: 31.944 $\pm$ 0.018 χ^2 /NDF: 2801995.8/5

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

bcm_dg_us_ds3_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_us_ds3_dd_rms vs slug



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

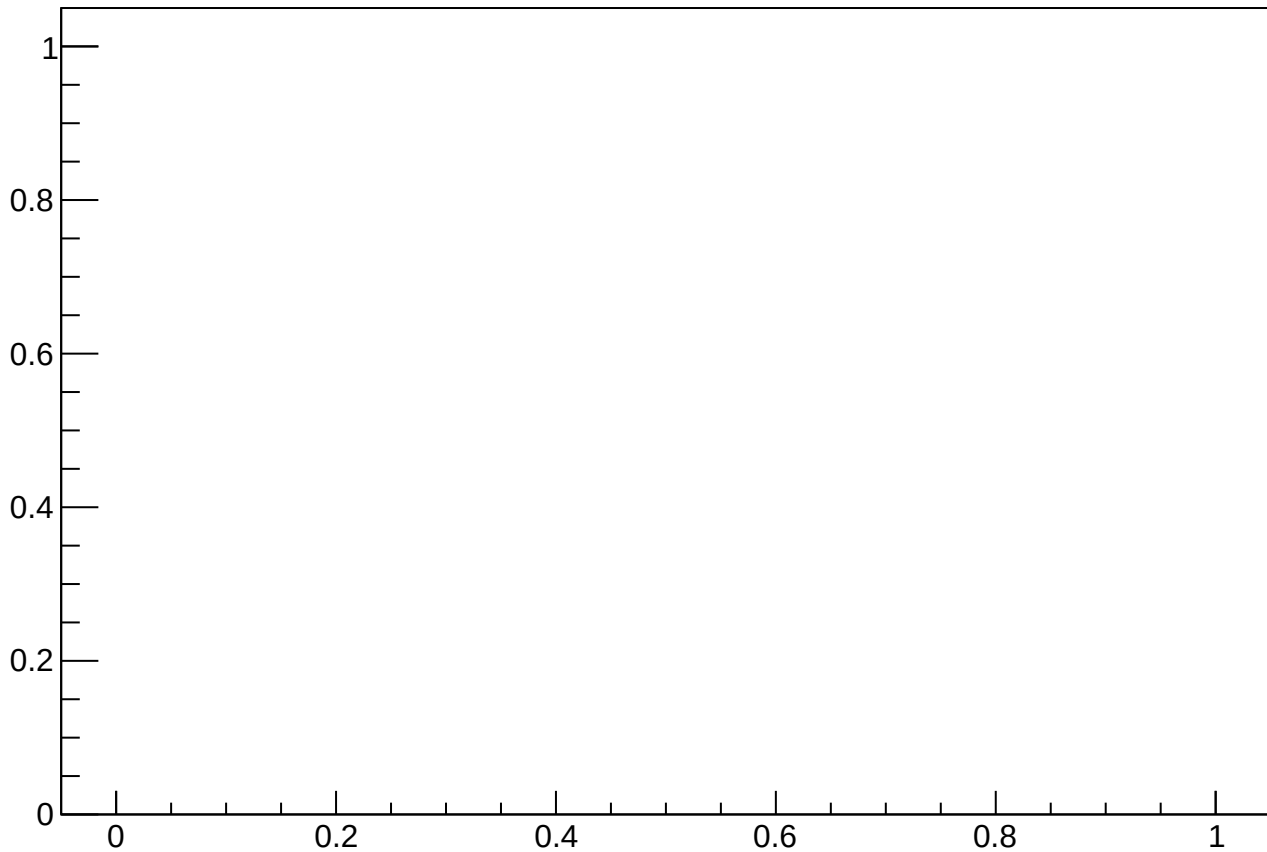
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_avg_mean vs slug



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

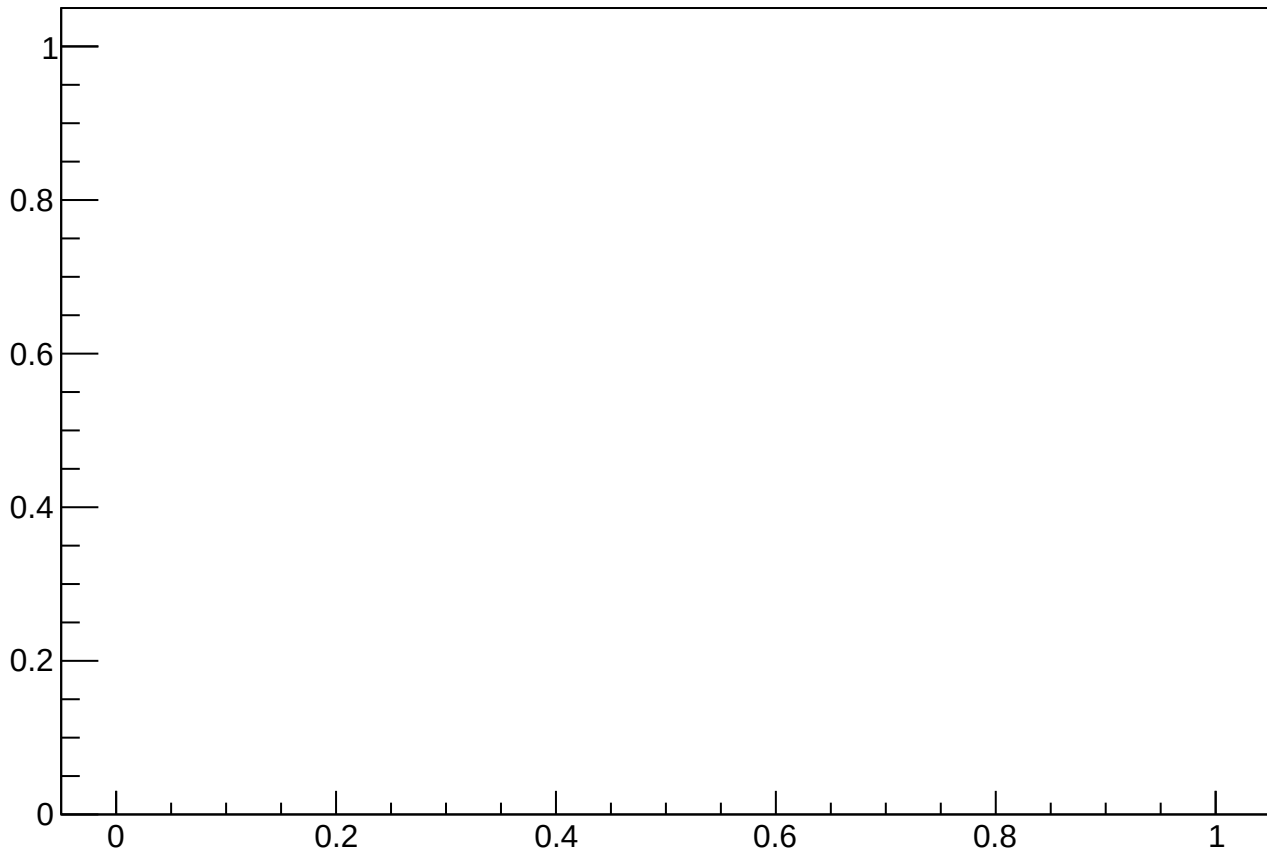
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds_avg_rms vs slug



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

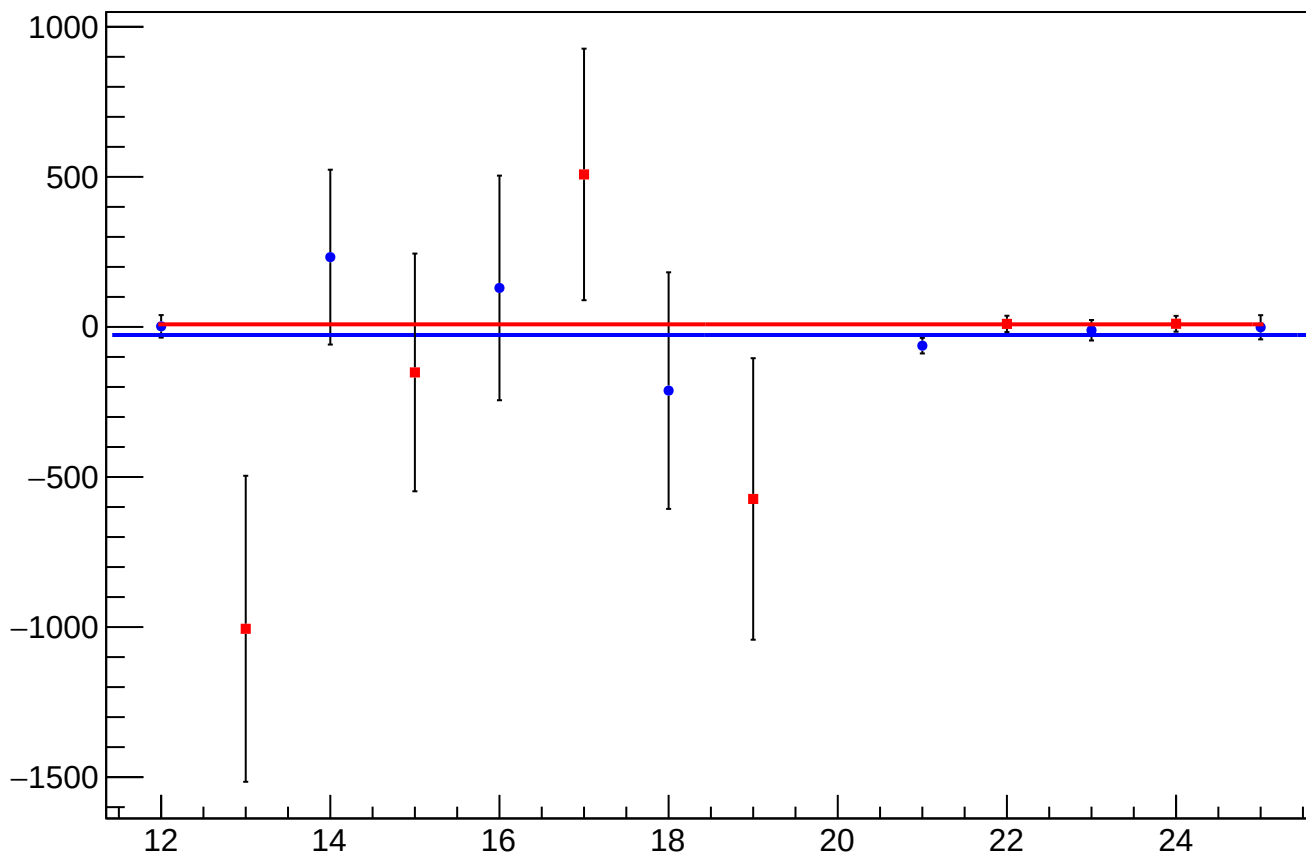
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds_dd_mean vs slug



Right In: -26.808 $\pm$ 16.447 χ^2 /NDF: 4.3/6

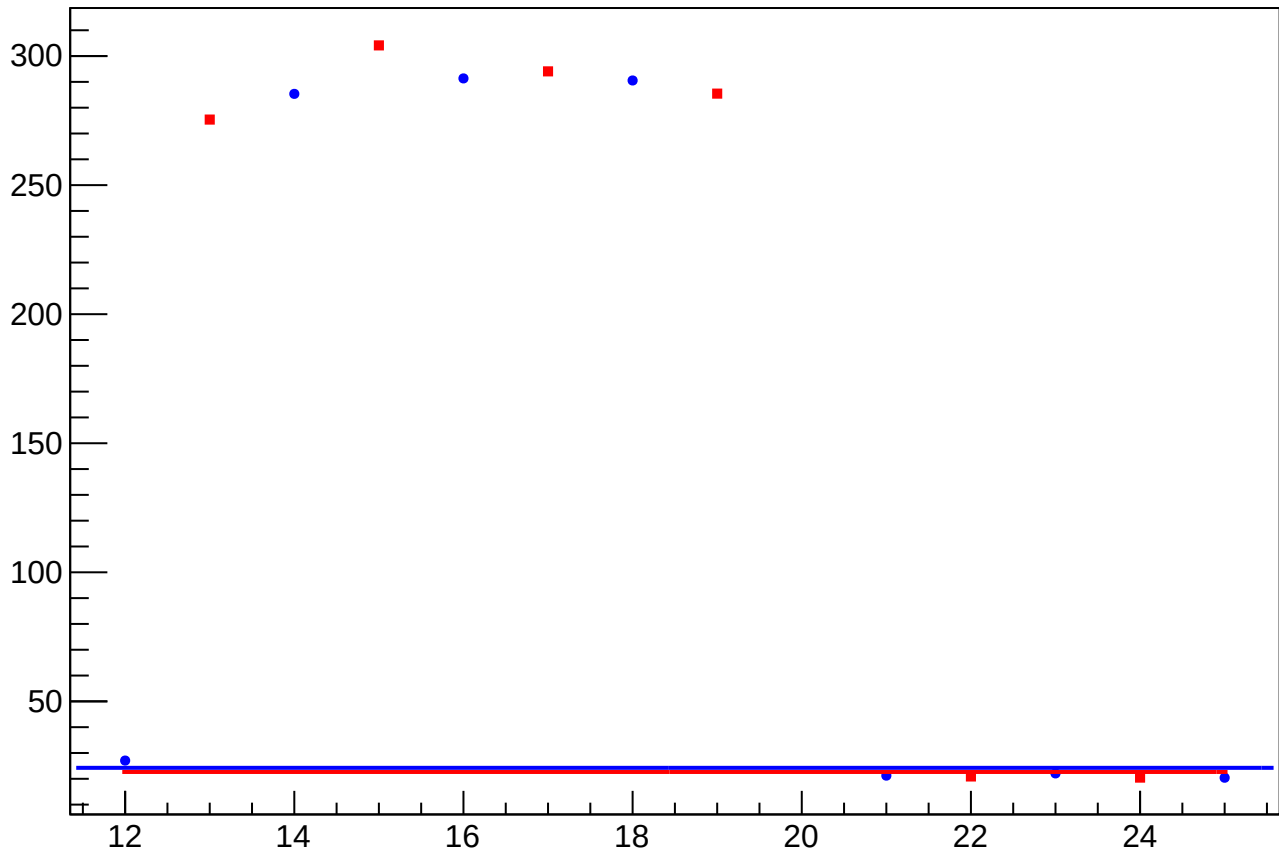
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.693 $\pm$ 18.847 χ^2 /NDF: 7.1/5

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

-11.461 $\pm$ 12.392 χ^2 /NDF: 13.4/12

bcm_dg_ds_ds_dd _rms vs slug



Right In: 24.250 $\pm$ 0.012 χ^2 /NDF: 3603731.0/6

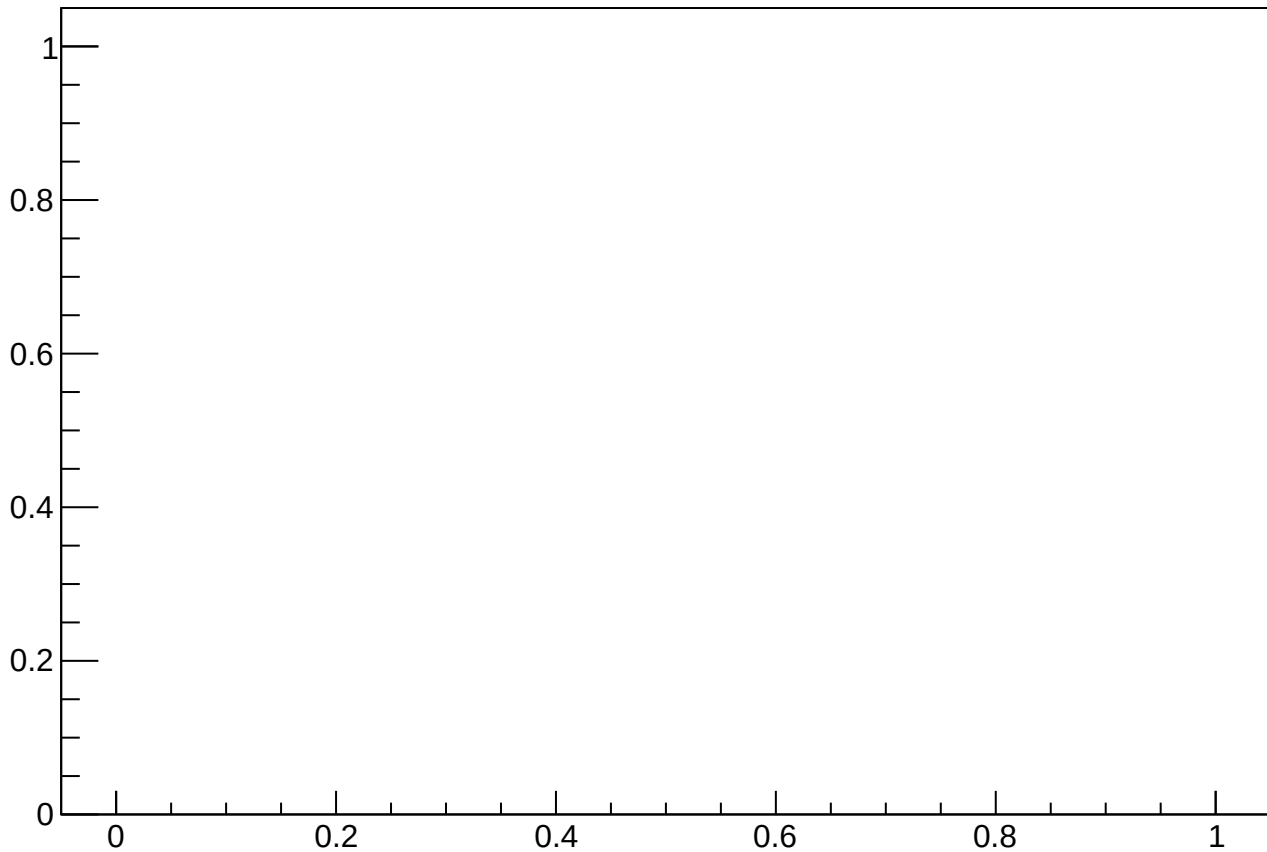
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.556 $\pm$ 0.009 χ^2 /NDF: 6603037.6/12

Right Out: 22.645 $\pm$ 0.013 χ^2 /NDF: 2991074.6/5

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

bcm_dg_ds_ds3_avg_mean vs slug



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

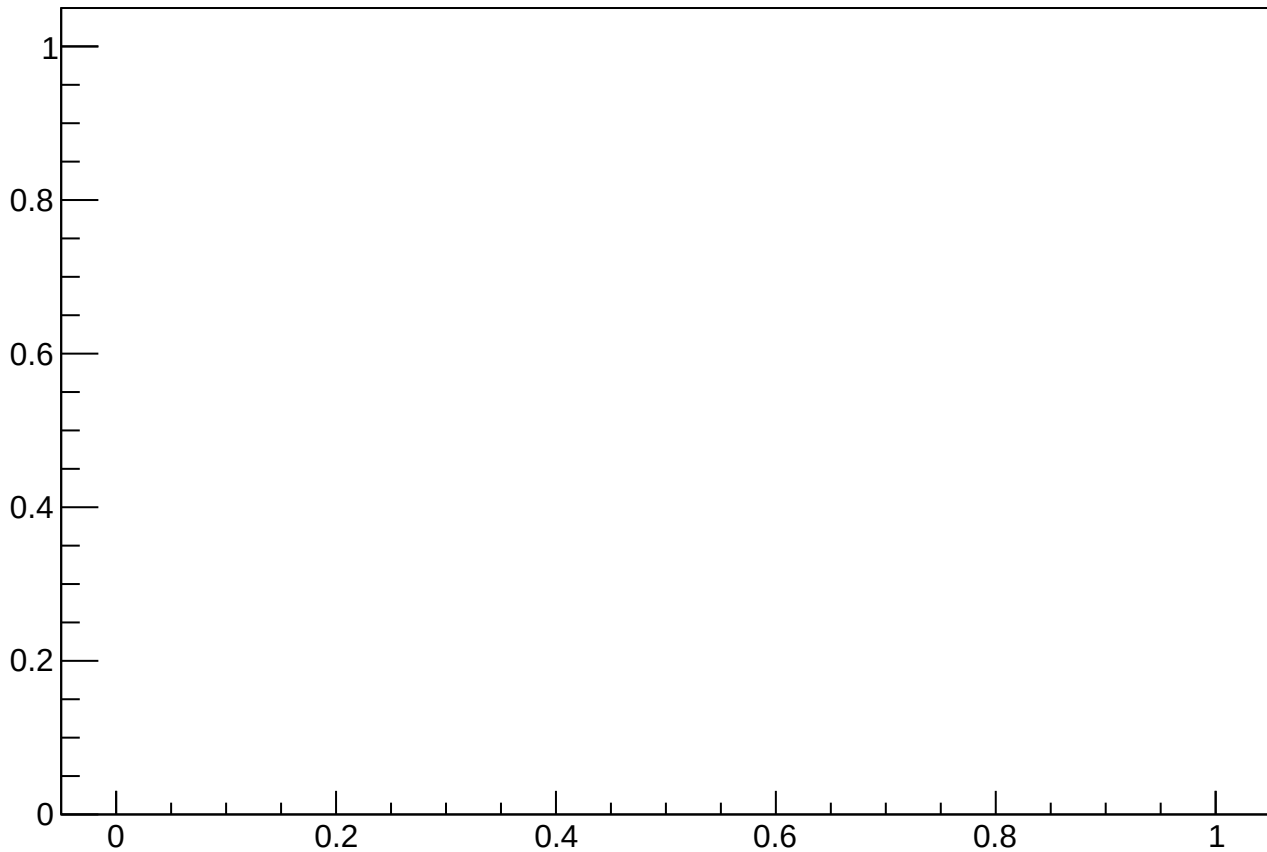
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

bcm_dg_ds_ds3_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_dg_ds_ds3_dd _mean vs slug



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

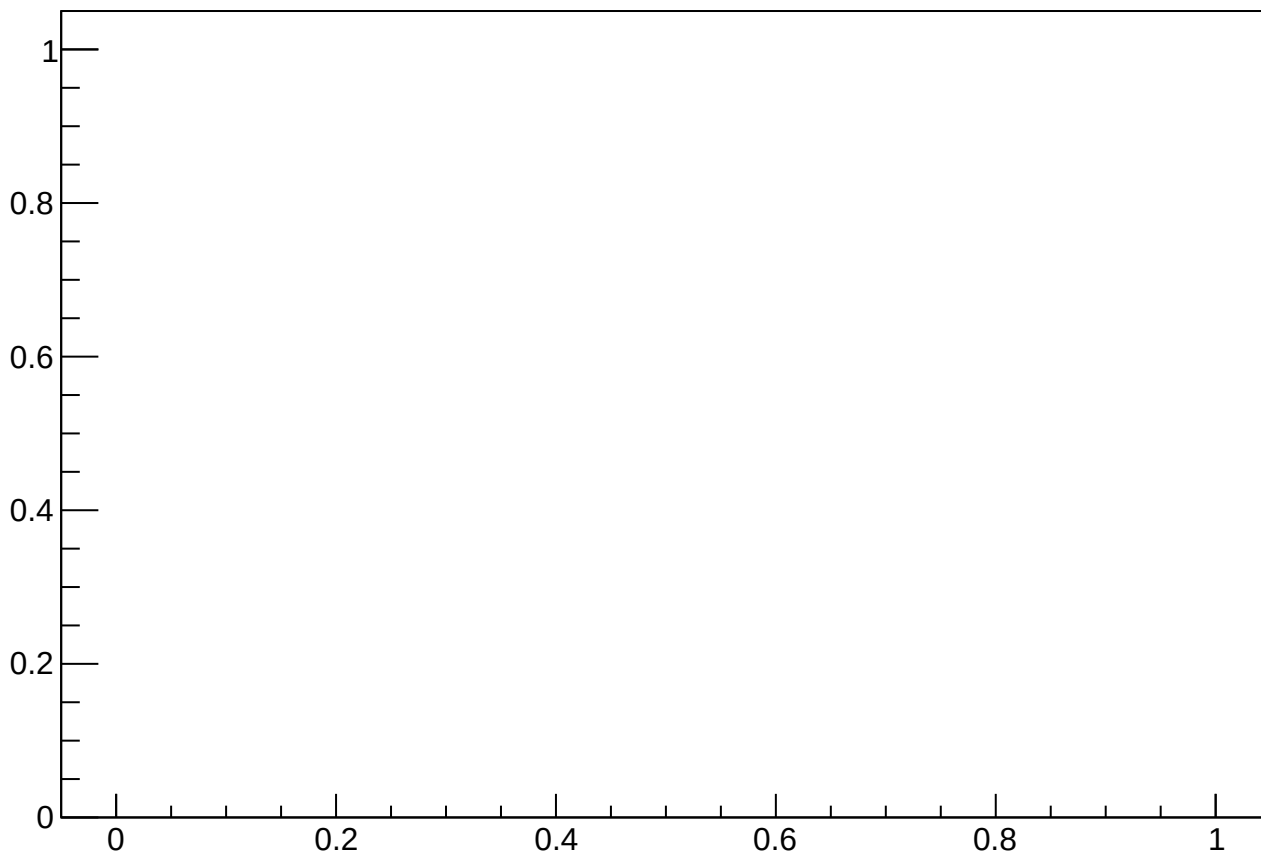
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_cav4cQ_ds_avg_rms vs slug



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

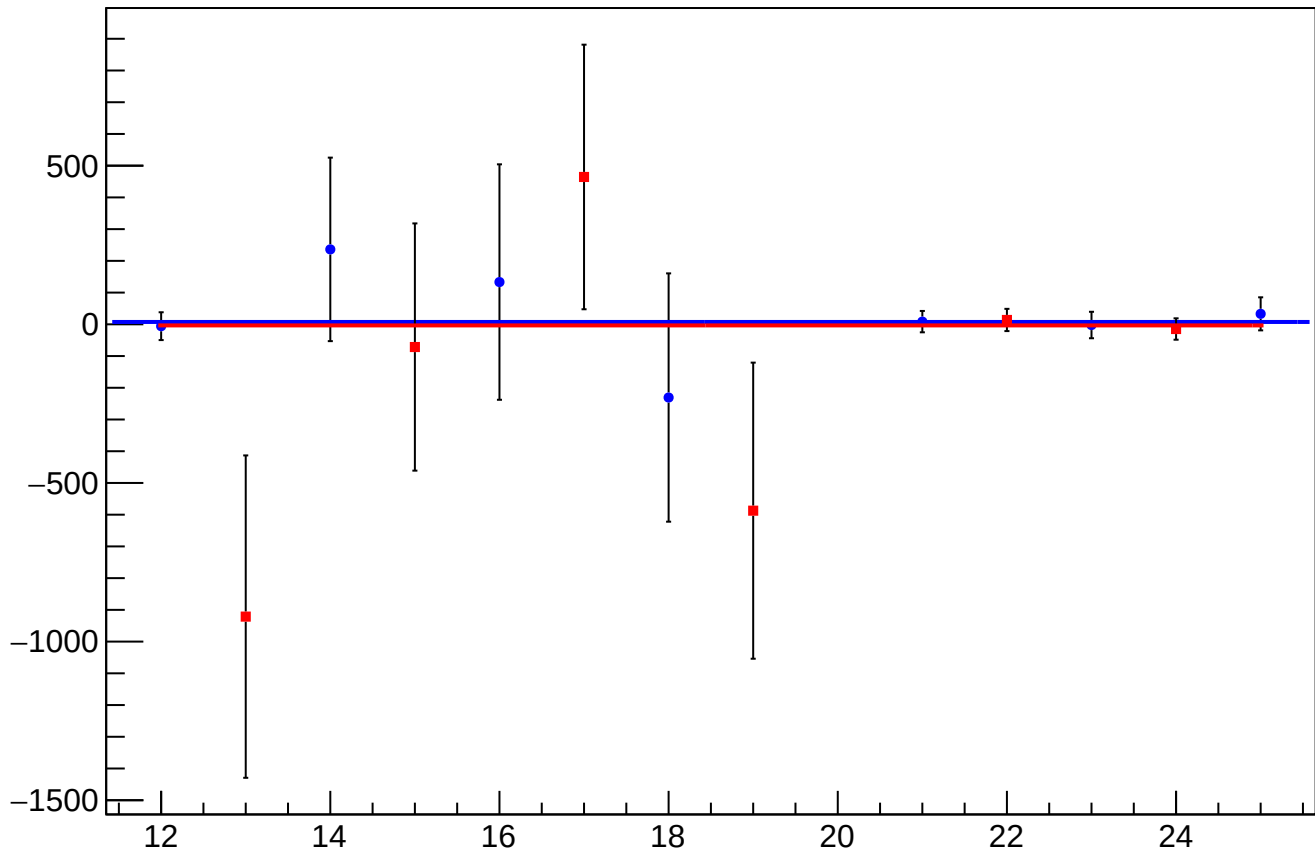
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd _mean vs slug



Right In: 7.425+/-20.533 χ^2 /NDF: 1.5/6

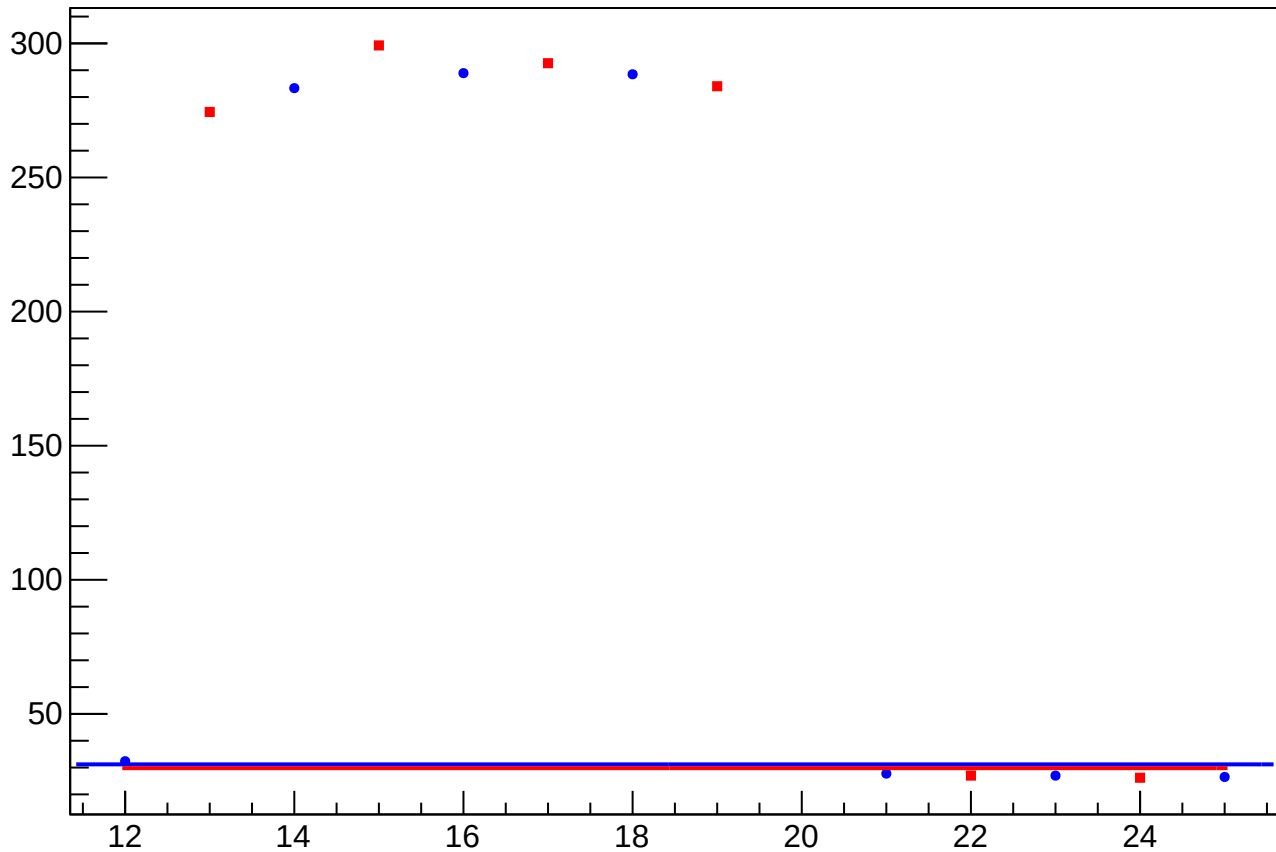
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.455+/-24.131 χ^2 /NDF: 6.5/5

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

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd _rms vs slug



Right In: 31.193+/-0.015 χ^2/NDF : 3408382.3/6

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

30.598+/-0.011 χ^2/NDF : 6256207.0/12

Right Out: 29.778+/-0.017 χ^2/NDF : 2843835.9/5

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

bcm_cav4cQ_ds3_dd_mean vs slug



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

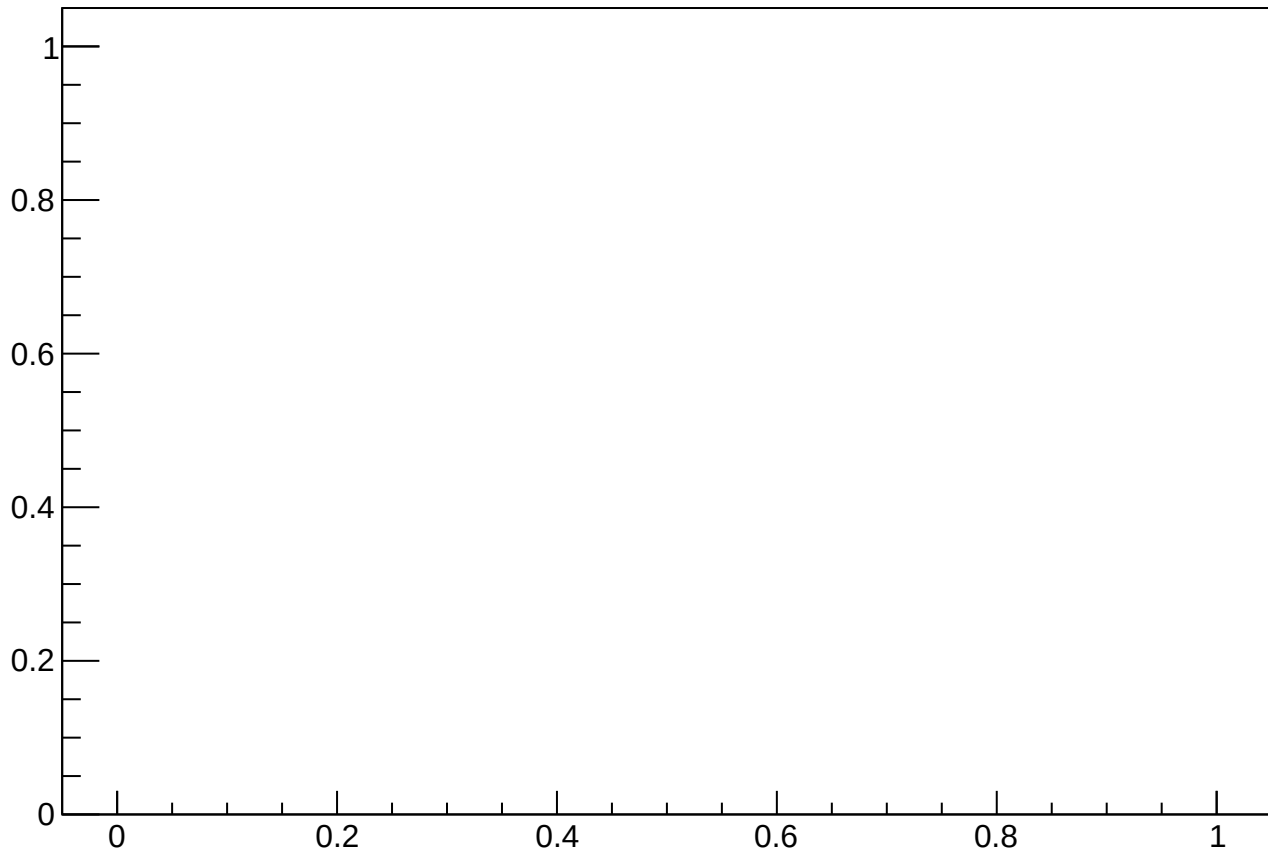
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds3_dd_rms vs slug



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

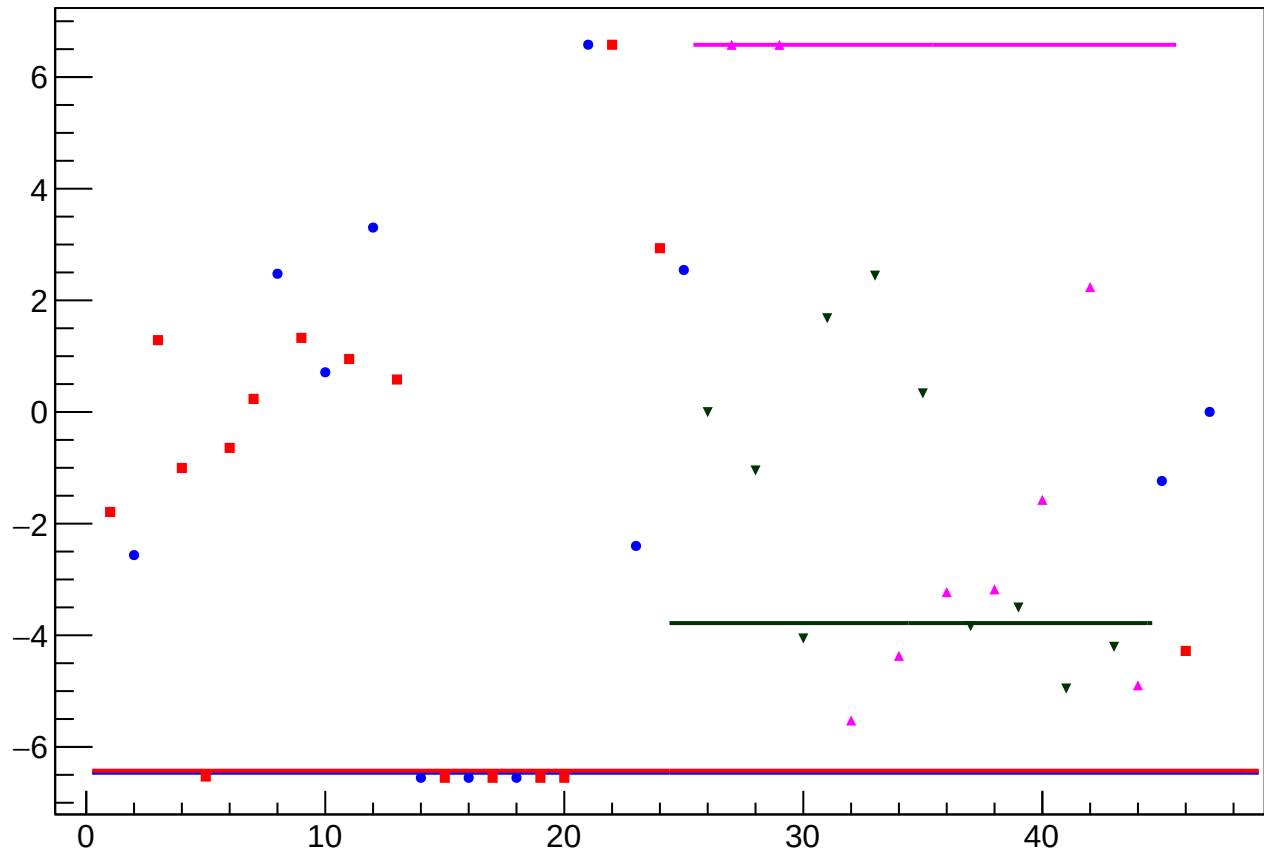
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: -6.463+/-0.000 χ^2 /NDF: 127750012112456.0/11

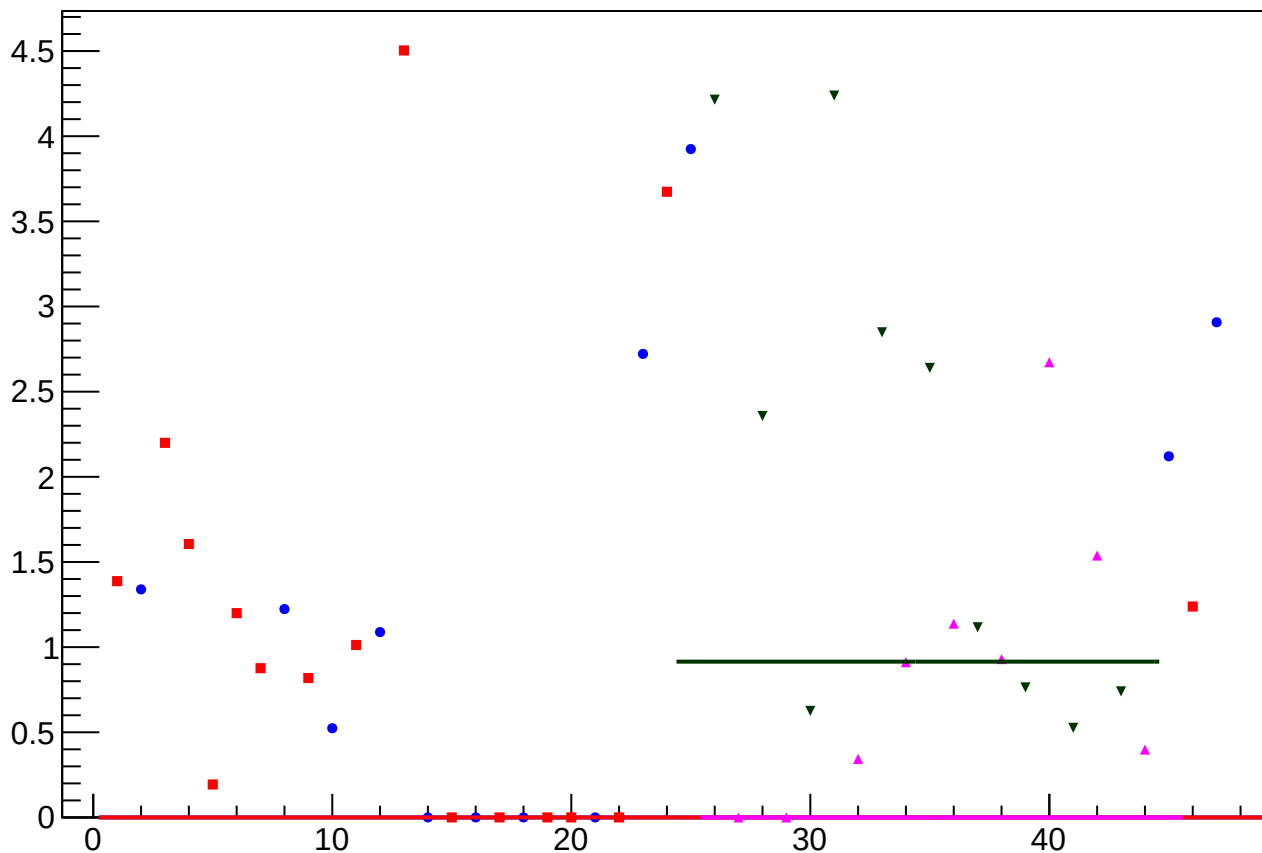
Left Out: -3.781+/-0.001 χ^2 /NDF: 5647760.8/9

Right Out: -6.426+/-0.000 χ^2 /NDF: 150783927204235.2/15

Left In: 6.578+/-0.000 χ^2 /NDF: 822745834.1/8

-6.389+/-0.000 χ^2 /NDF: 425855760350820.6/4

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 6543916.8/11

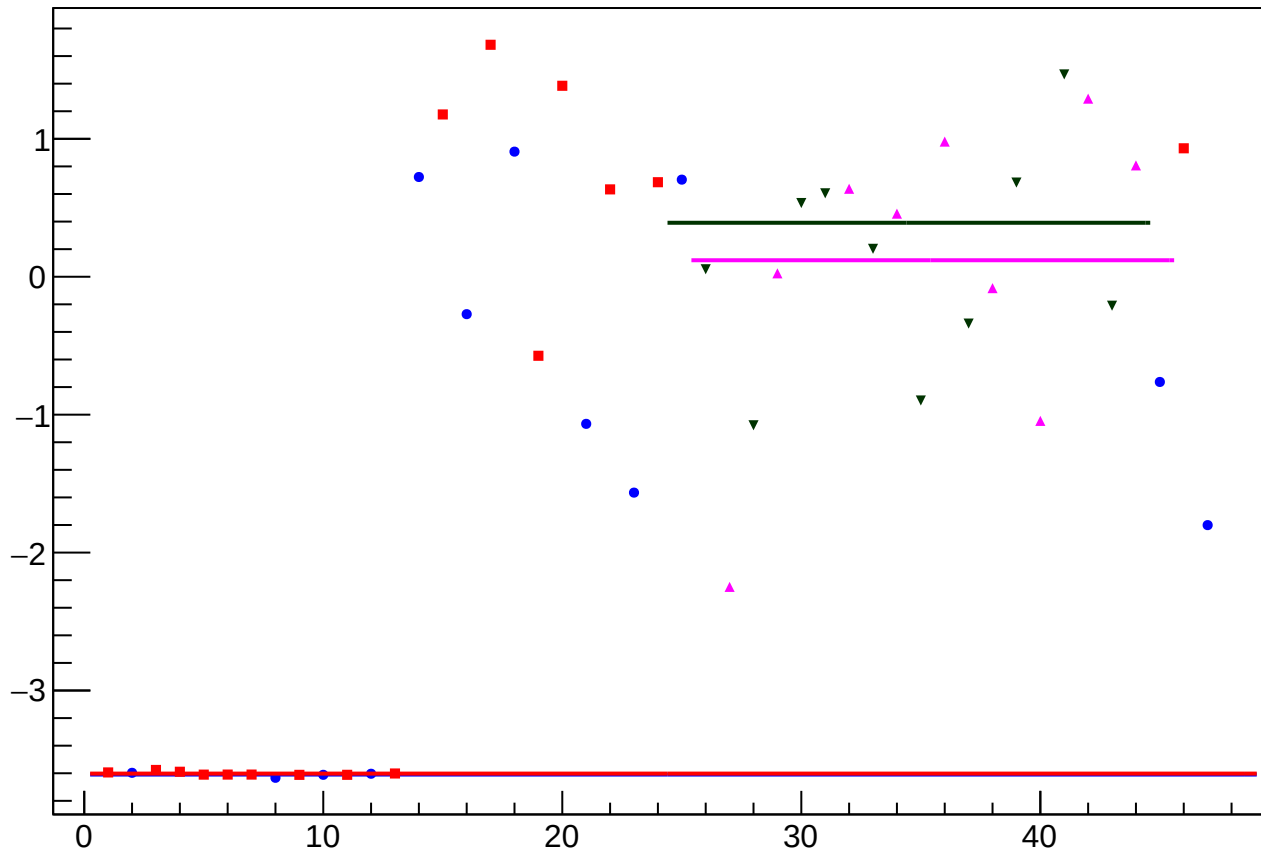
Left Out: 0.915+/-0.000 χ^2/NDF : 2495147.4/9

Right Out: 0.000+/-0.000 χ^2/NDF : 6835624.0/15

Left In: 0.000+/-0.000 χ^2/NDF : 4639496.4/8

0.000+/-0.000 χ^2/NDF : 24716980.1/46

yield_cav4bY_mean vs slug



Right In: -3.609+/-0.000 χ^2 /NDF: 105072052169.6/11

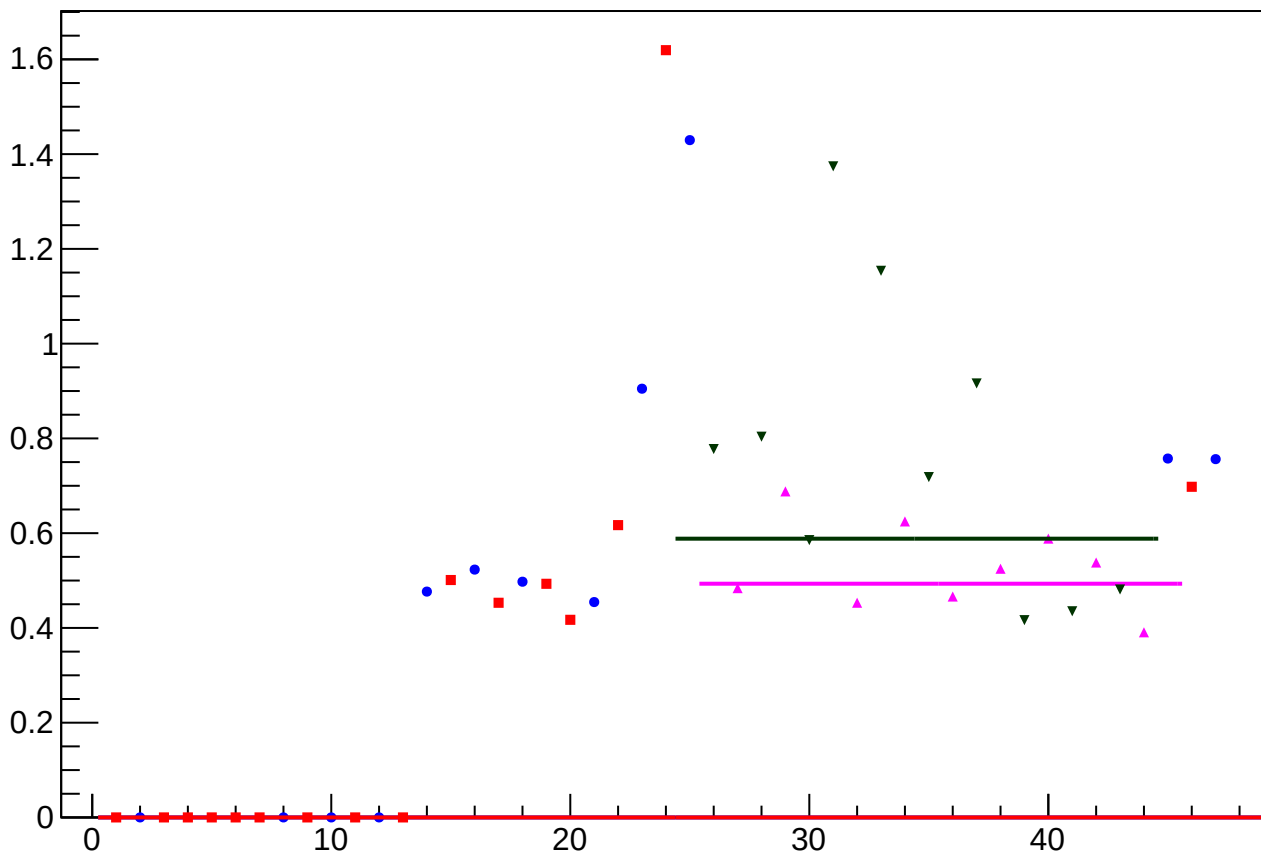
Left Out: 0.391+/-0.000 χ^2 /NDF: 6900205.6/9

-3.605+/-0.000 χ^2 /NDF: 236658799452.4/46

Right Out: -3.602+/-0.000 χ^2 /NDF: 114016093900.0/15

Left In: 0.120+/-0.000 χ^2 /NDF: 20095278.7/8

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 6757417.9/11

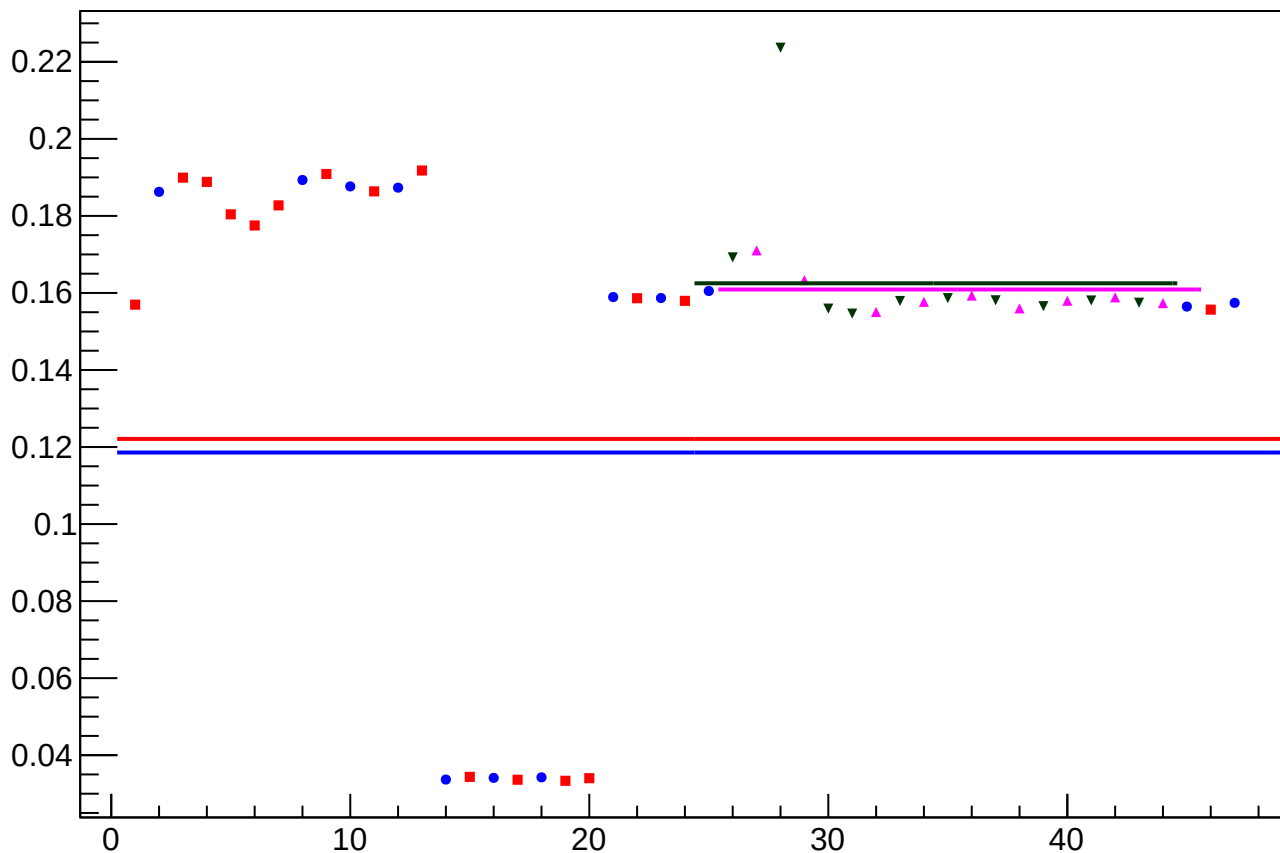
Left Out: 0.588+/-0.000 χ^2/NDF : 893896.5/9

Right Out: 0.000+/-0.000 χ^2/NDF : 5095625.2/15

Left In: 0.493+/-0.000 χ^2/NDF : 215160.6/8

0.000+/-0.000 χ^2/NDF : 27433813.9/46

yield_cav4cX_mean vs slug



Right In: 0.119+/-0.000 χ^2/NDF : 4819098410.7/11

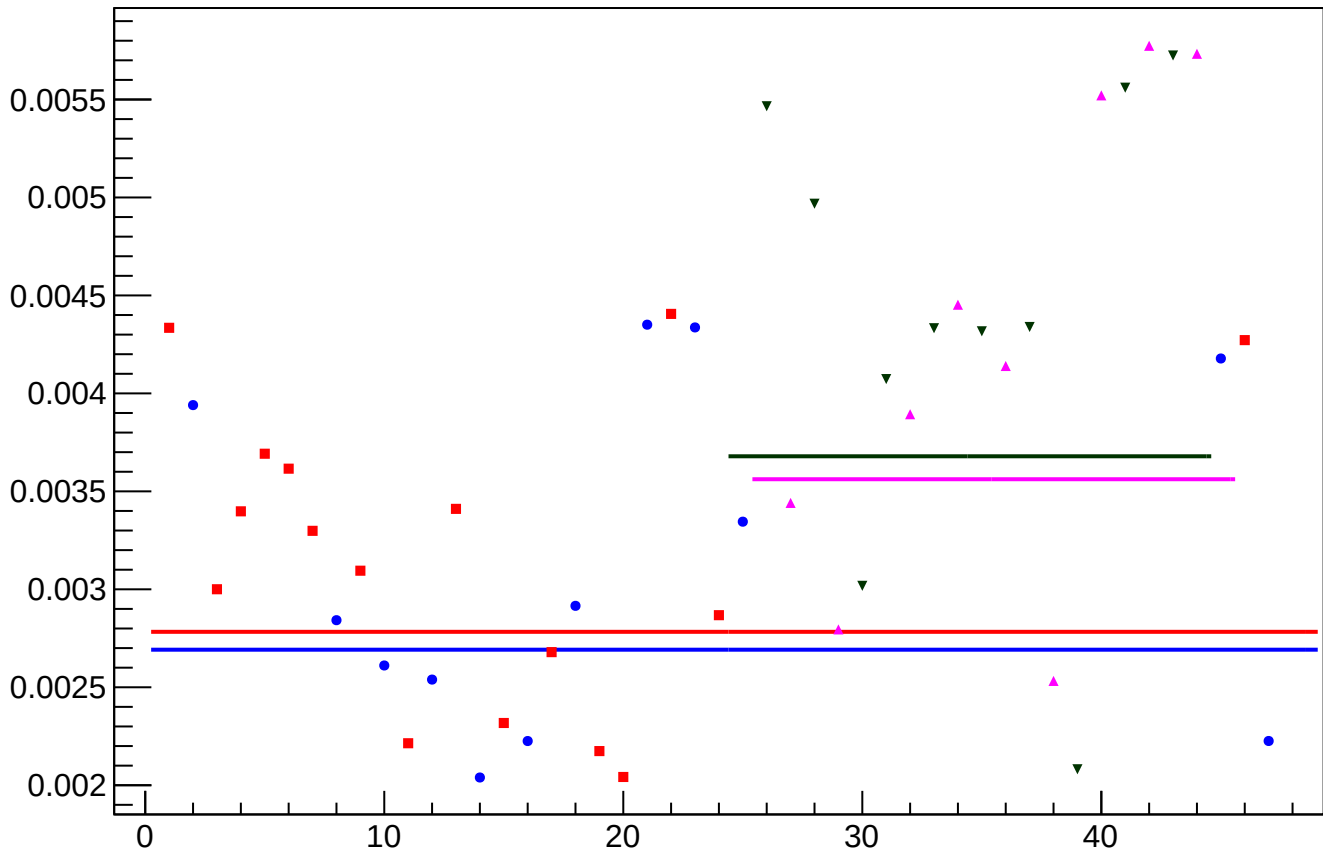
Left Out: 0.163+/-0.000 χ^2/NDF : 101856913.5/9

Right Out: 0.122+/-0.000 χ^2/NDF : 4307782355.0/15

Left In: 0.161+/-0.000 χ^2/NDF : 11666535.4/8

0.132+/-0.000 χ^2/NDF : 10122455231.9/46

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 940483.2/11

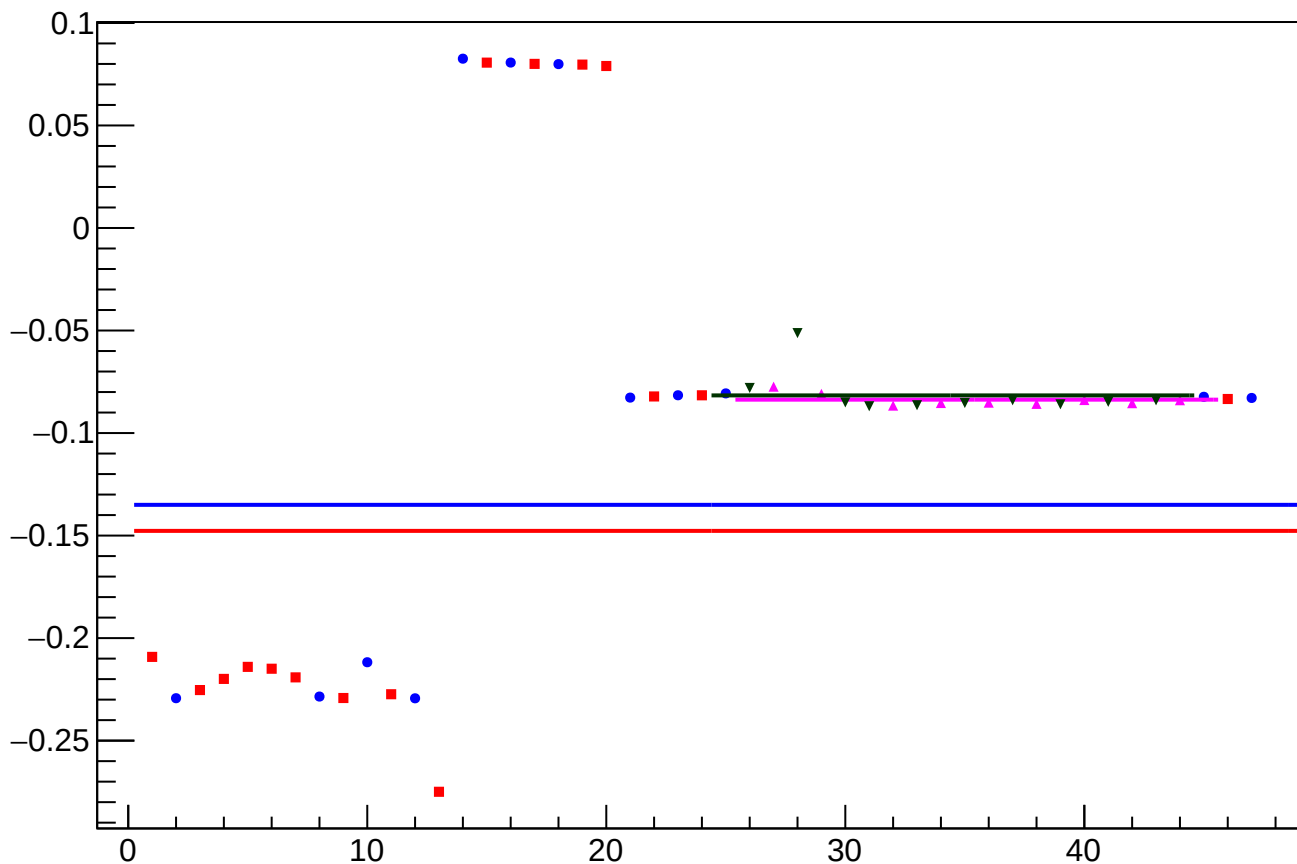
Left Out: 0.004+/-0.000 χ^2/NDF :1048834.3/9

0.003+/-0.000 χ^2/NDF : 4351825.8/46

Right Out: 0.003+/-0.000 χ^2/NDF : 806547.5/15

Left In: 0.004+/-0.000 χ^2/NDF :750626.0/8

yield_cav4cY_mean vs slug



Right In: -0.135+/-0.000 χ^2/NDF : 9917918652.8/11

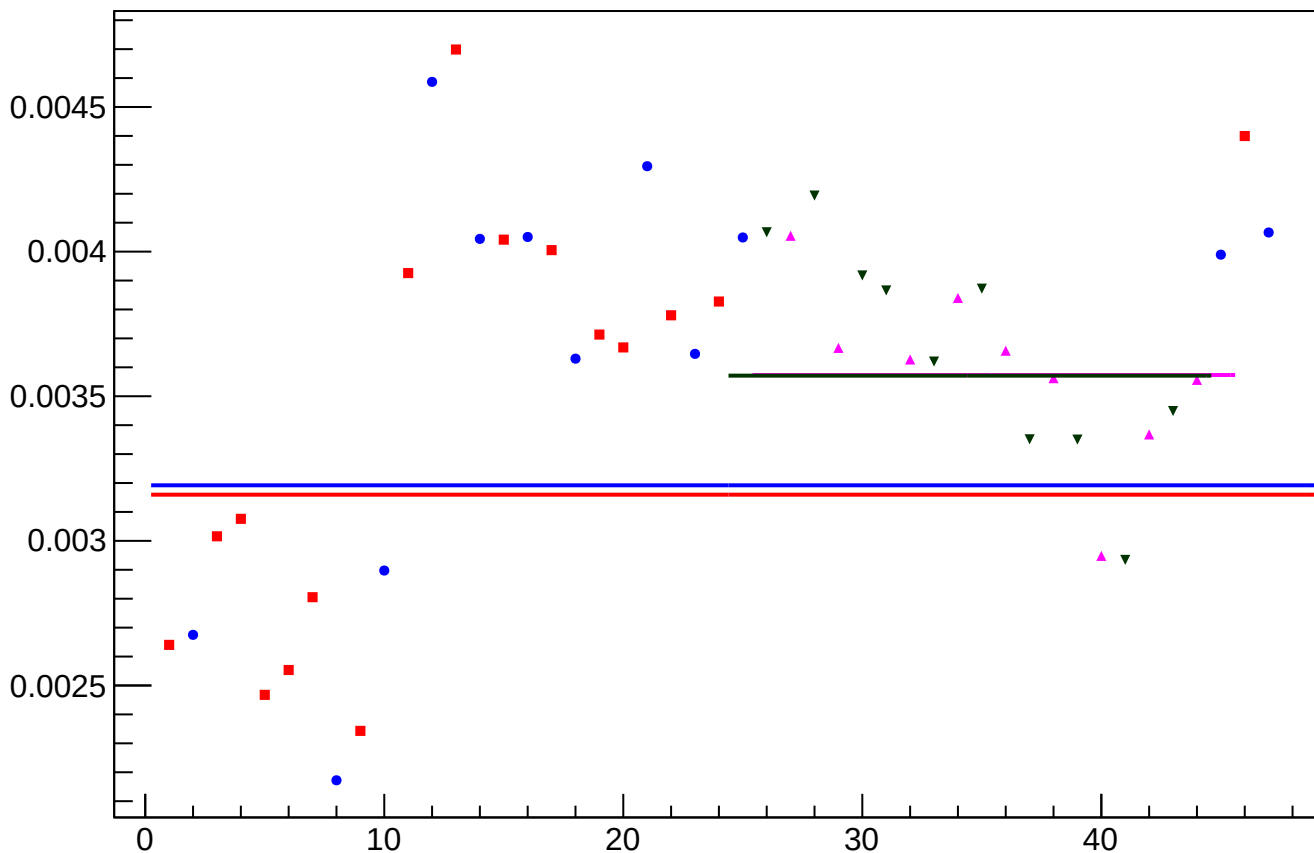
Left Out: -0.082+/-0.000 χ^2/NDF : 35920699.2/9

Right Out: -0.148+/-0.000 χ^2/NDF : 9181964634.3/15

Left In: -0.084+/-0.000 χ^2/NDF : 3520420.2/8

-0.119+/-0.000 χ^2/NDF : 20937004815.1/46

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 895931.0/11

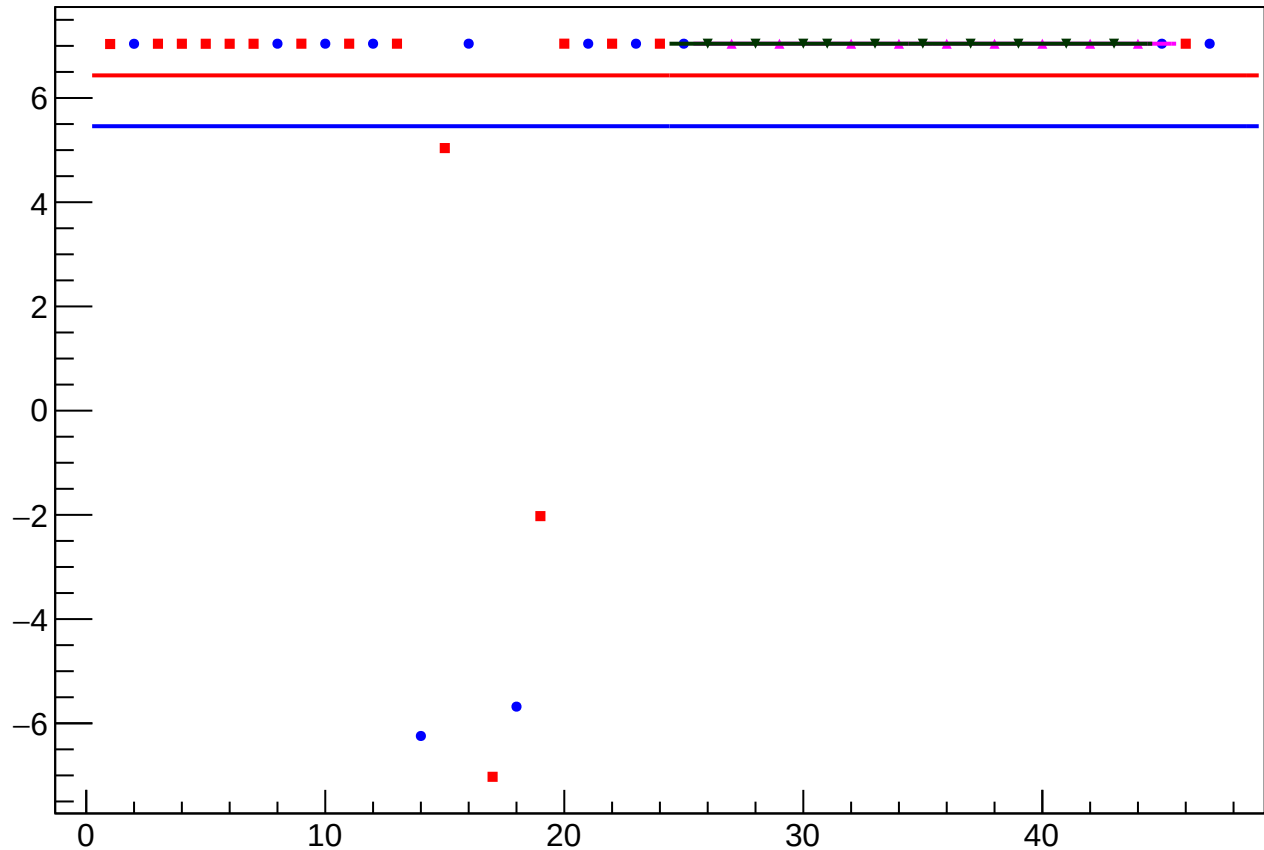
Left Out: 0.004+/-0.000 χ^2/NDF :121987.1/9

0.003+/-0.000 χ^2/NDF : 1926188.8/46

Right Out: 0.003+/-0.000 χ^2/NDF : 670542.1/15

Left In: 0.004+/-0.000 χ^2/NDF :77540.1/8

yield_cav4dX_mean vs slug



Right In: 5.459 $\pm$ 0.000 χ^2 /NDF: 4473270044286867.0/11

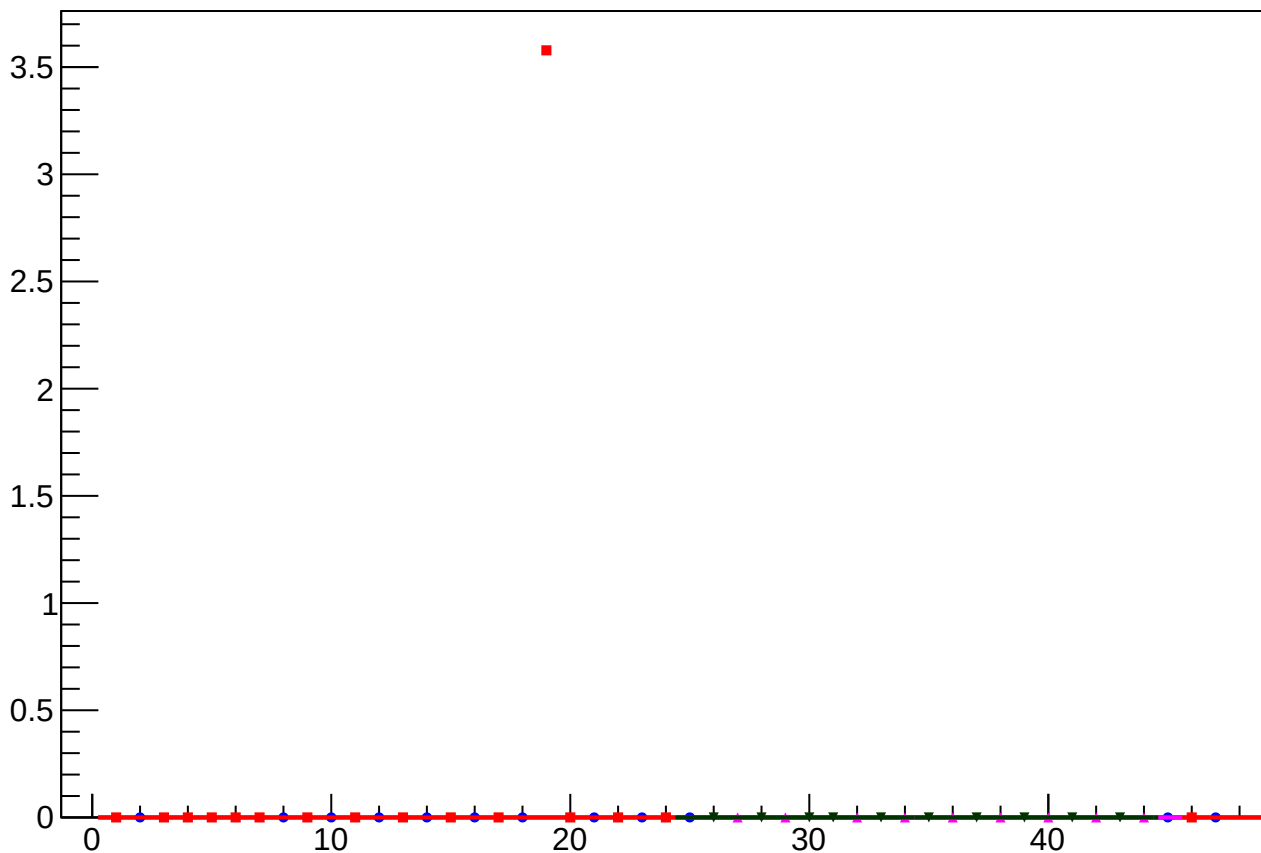
Left Out: 7.042 $\pm$ 0.000 χ^2 /NDF: 815895.3/9

6.450 $\pm$ 0.000 χ^2 /NDF: 6693649402263339.0/4

Right Out: 6.434 $\pm$ 0.000 χ^2 /NDF: 1835891055632367.8/15

Left In: 7.042 $\pm$ 0.000 χ^2 /NDF: 534073.4/8

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4432.4/11

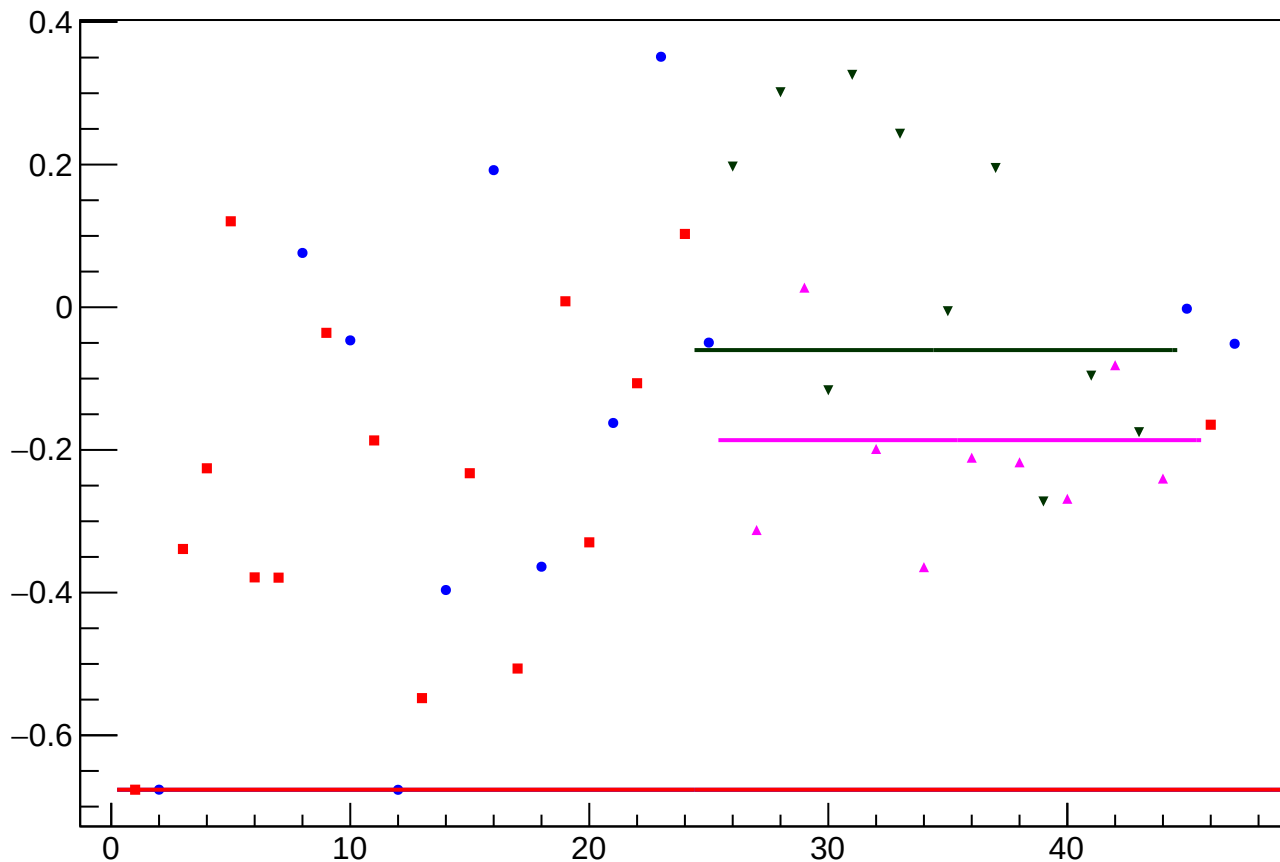
Left Out: 0.000+/-0.000 χ^2/NDF :1393.7/9

Right Out: 0.000+/-0.000 χ^2/NDF : 695690.9/15

Left In: 0.000+/-0.000 χ^2/NDF :1776.4/8

0.000+/-0.000 χ^2/NDF : 705475.2/46

yield_cav4dY_mean vs slug



Right In: -0.676 ± 0.000 χ^2/NDF : 242171039.6/11

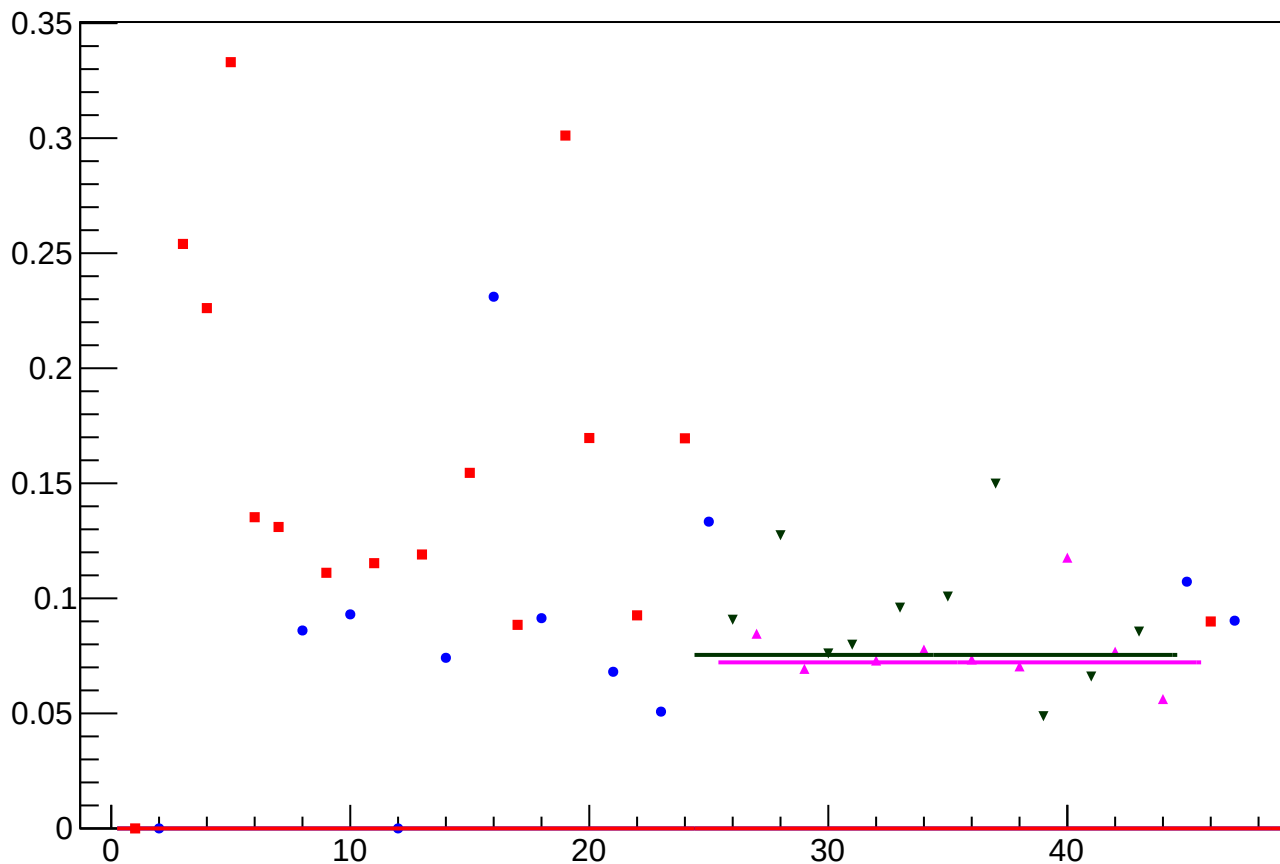
Left Out: -0.060 ± 0.000 χ^2/NDF : 19519965.9/9

Right Out: -0.676 ± 0.000 χ^2/NDF : 77186596.9/15

Left In: -0.186 ± 0.000 χ^2/NDF : 8360898.5/8

-0.676 ± 0.000 χ^2/NDF : 691634486.8/46

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 8881435.9/11

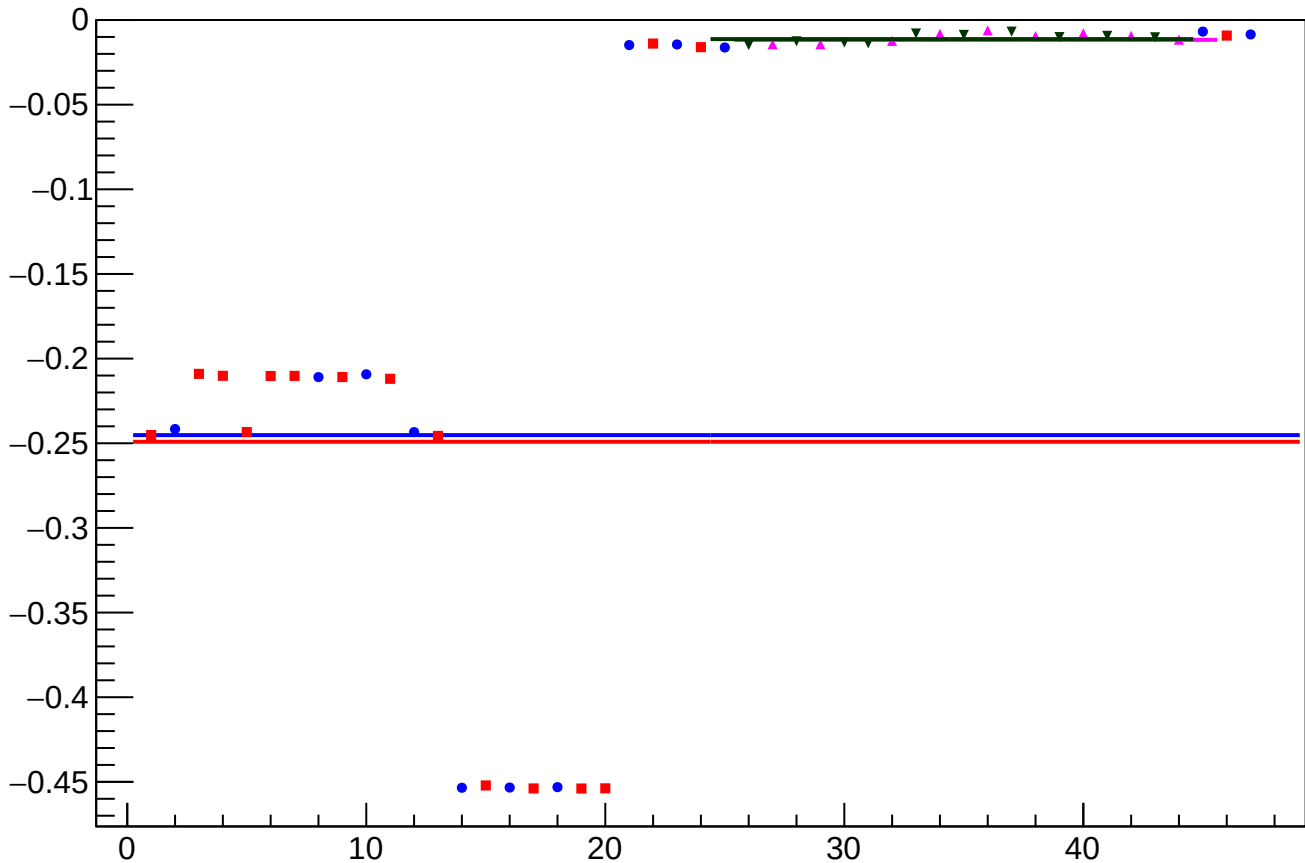
Left Out: 0.075+/-0.000 χ^2/NDF : 583441.6/9

Right Out: 0.000+/-0.000 χ^2/NDF : 10022322.3/15

Left In: 0.072+/-0.000 χ^2/NDF : 194249.2/8

0.000+/-0.000 χ^2/NDF : 32067508.4/46

yield_bpm4aX_mean vs slug



Right In: -0.245+/-0.000 χ^2/NDF : 3883402612.4/11

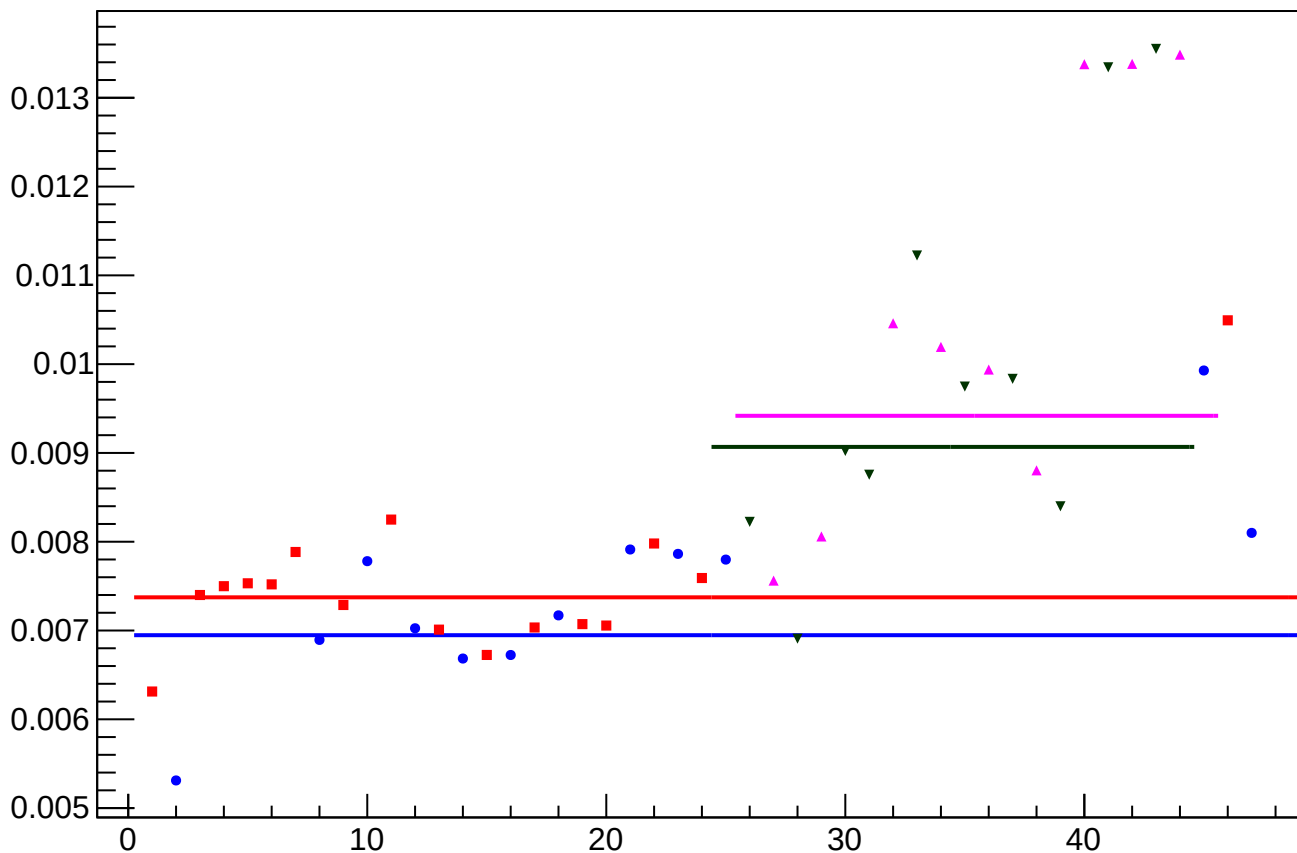
Left Out: -0.011+/-0.000 χ^2/NDF : 378273.8/9

-0.178+/-0.000 χ^2/NDF : 11547939240.0/46

Right Out: -0.249+/-0.000 χ^2/NDF : 2972304184.0/15

Left In: -0.012+/-0.000 χ^2/NDF : 493253.3/8

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 358173.4/11

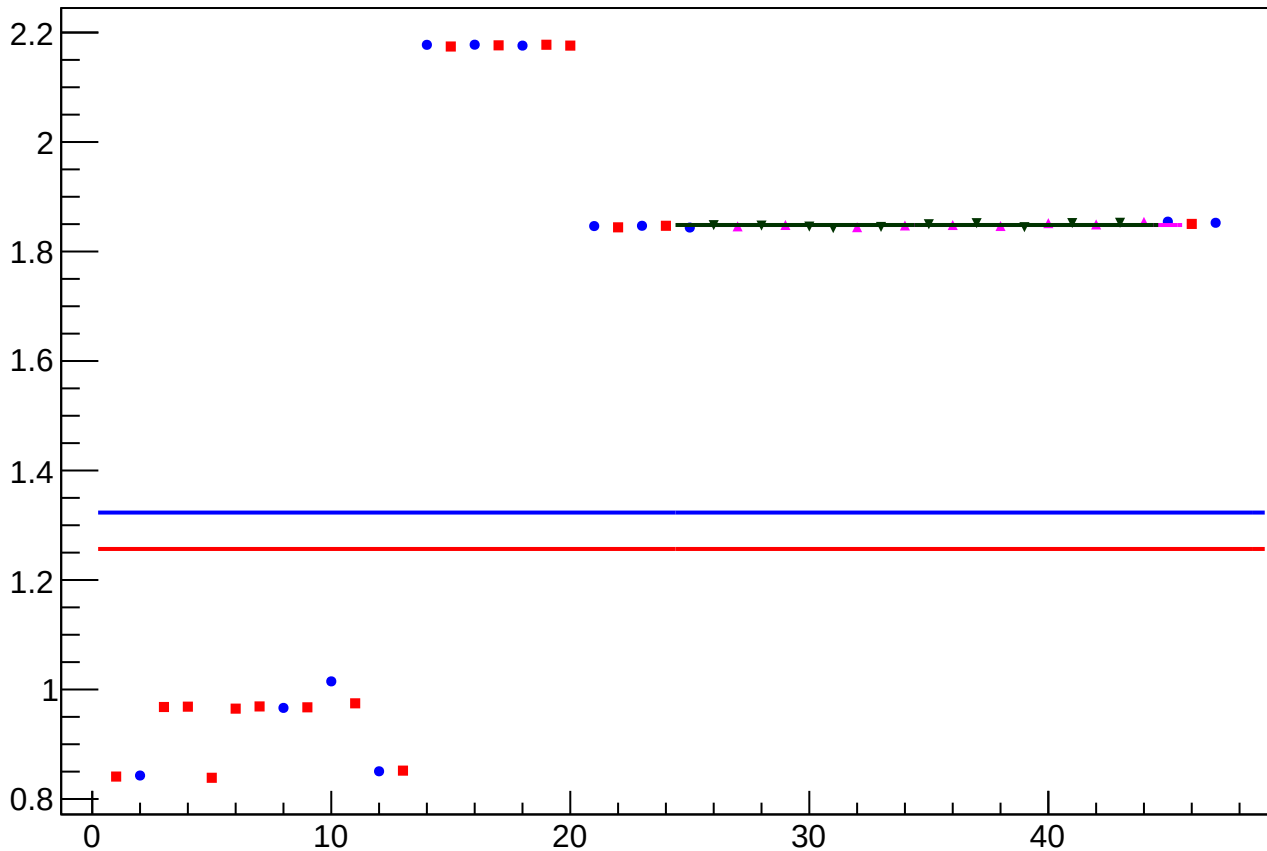
Left Out: 0.009+/-0.000 χ^2/NDF : 422810.1/9

Right Out: 0.007+/-0.000 χ^2/NDF : 155387.0/15

Left In: 0.009+/-0.000 χ^2/NDF : 448097.3/8

0.008+/-0.000 χ^2/NDF : 2161065.2/46

yield_bpm4aY_mean vs slug



Right In: 1.323+/-0.000 χ^2/NDF : 14290861068.6/11

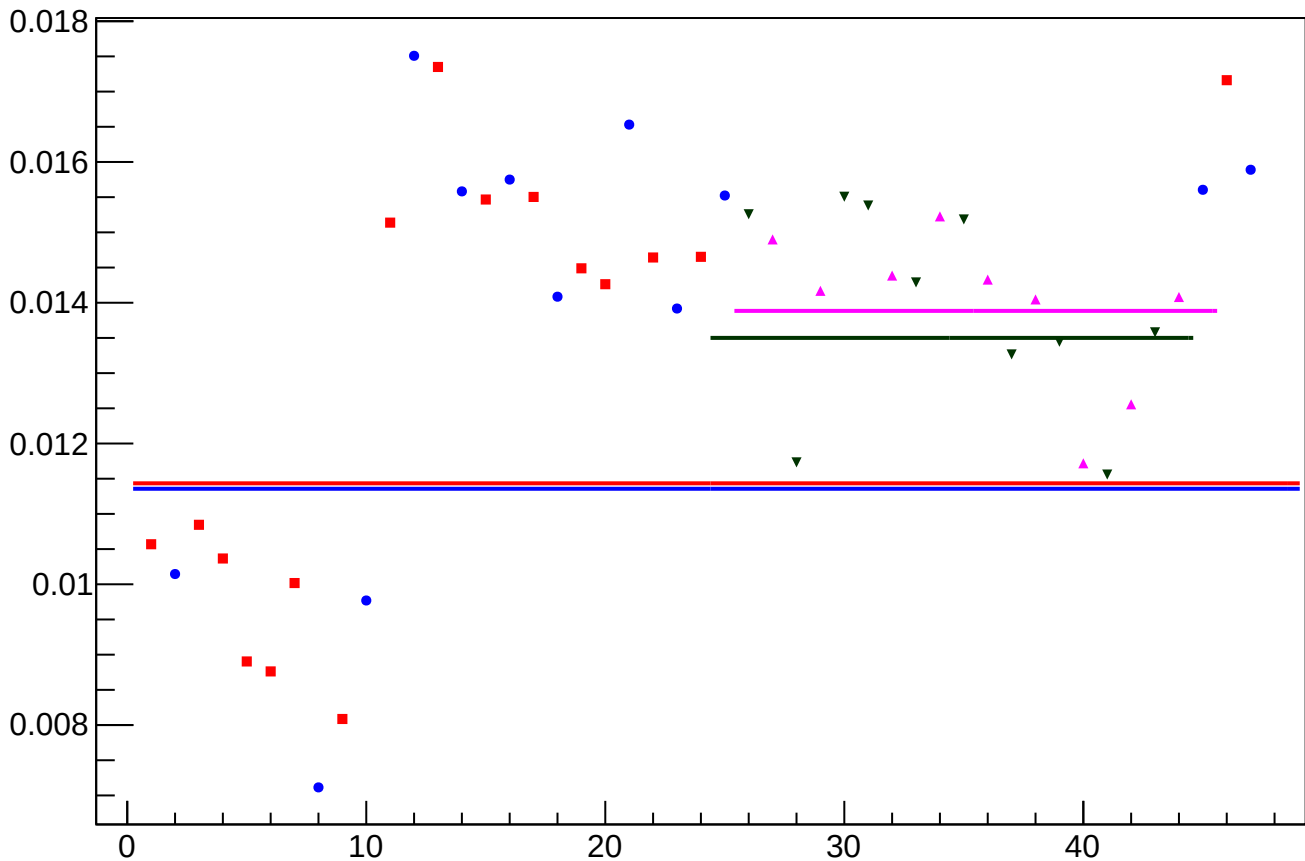
Left Out: 1.848+/-0.000 χ^2/NDF :275256.1/9

1.484+/-0.000 χ^2/NDF : 38409661351.6/46

Right Out: 1.257+/-0.000 χ^2/NDF : 12792872173.5/15

Left In: 1.848+/-0.000 χ^2/NDF :226326.9/8

yield_bpm4aY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1386888.2/11

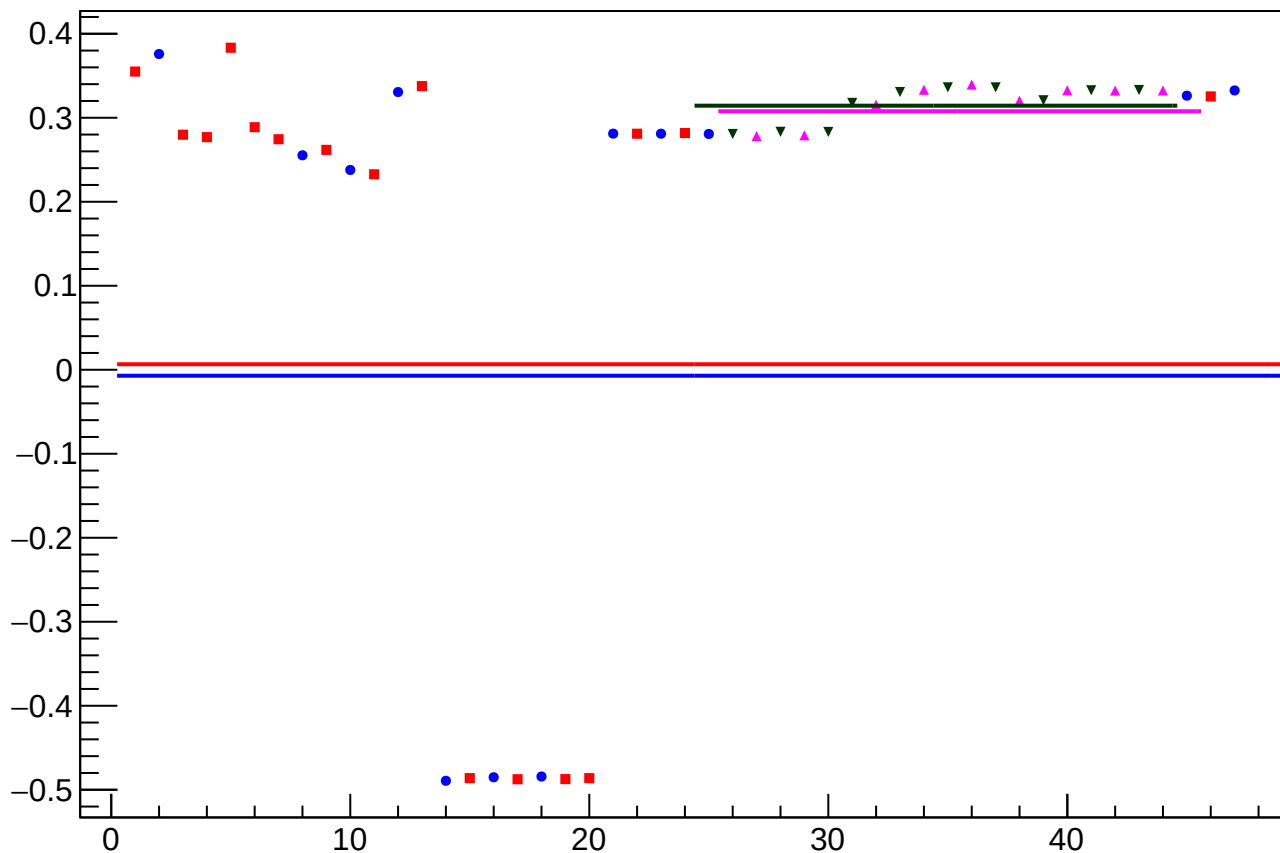
Left Out: 0.014+/-0.000 χ^2/NDF : 115034.4/9

Right Out: 0.011+/-0.000 χ^2/NDF : 951798.4/15

Left In: 0.014+/-0.000 χ^2/NDF : 63867.8/8

0.012+/-0.000 χ^2/NDF : 2903266.7/46

yield_bpm4eX_mean vs slug



Right In: -0.007+/-0.000 χ^2/NDF : 3330444479.5/11

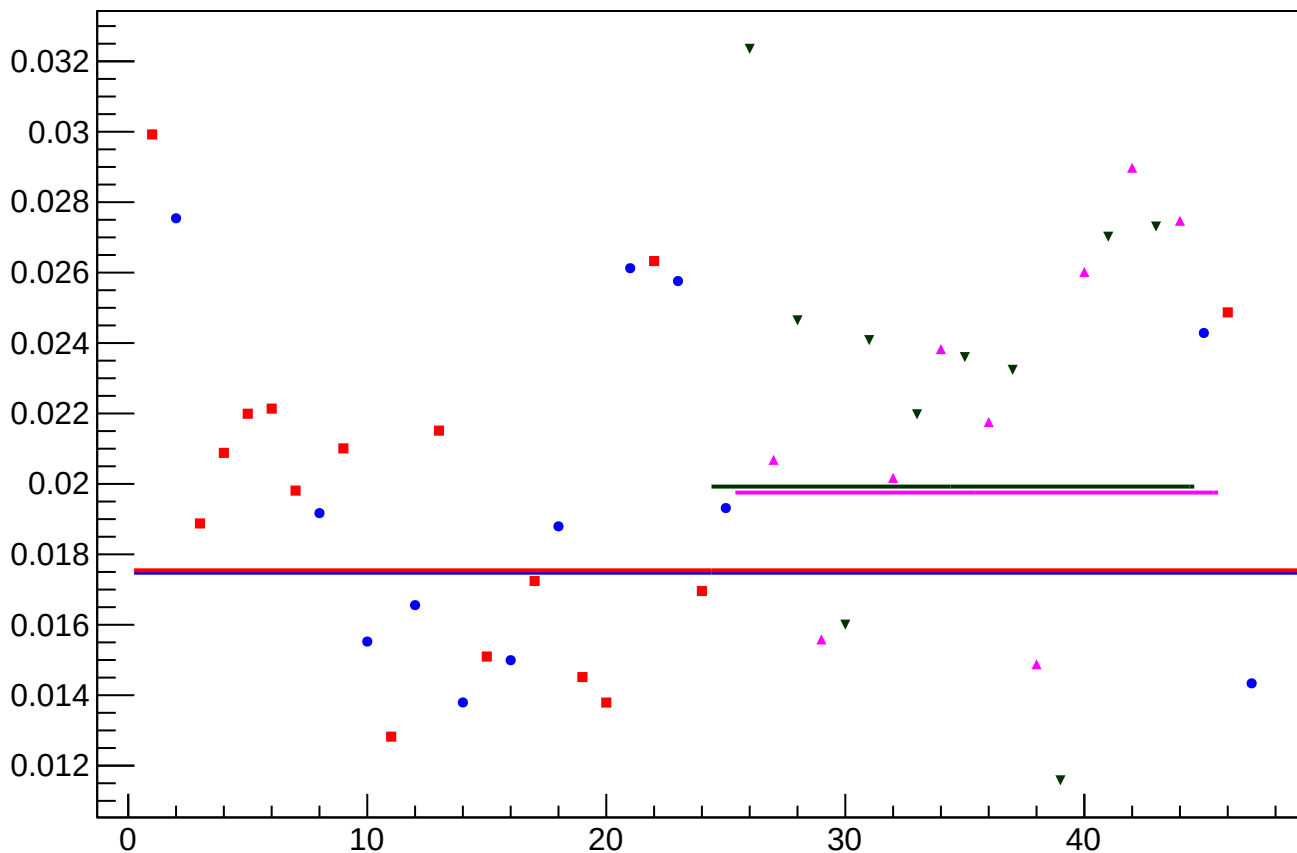
Left Out: 0.314+/-0.000 χ^2/NDF : 5139756.1/9

Right Out: 0.007+/-0.000 χ^2/NDF : 2902029202.5/15

Left In: 0.308+/-0.000 χ^2/NDF : 7379323.3/8

0.109+/-0.000 χ^2/NDF : 7765974849.9/46

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 816445.3/11

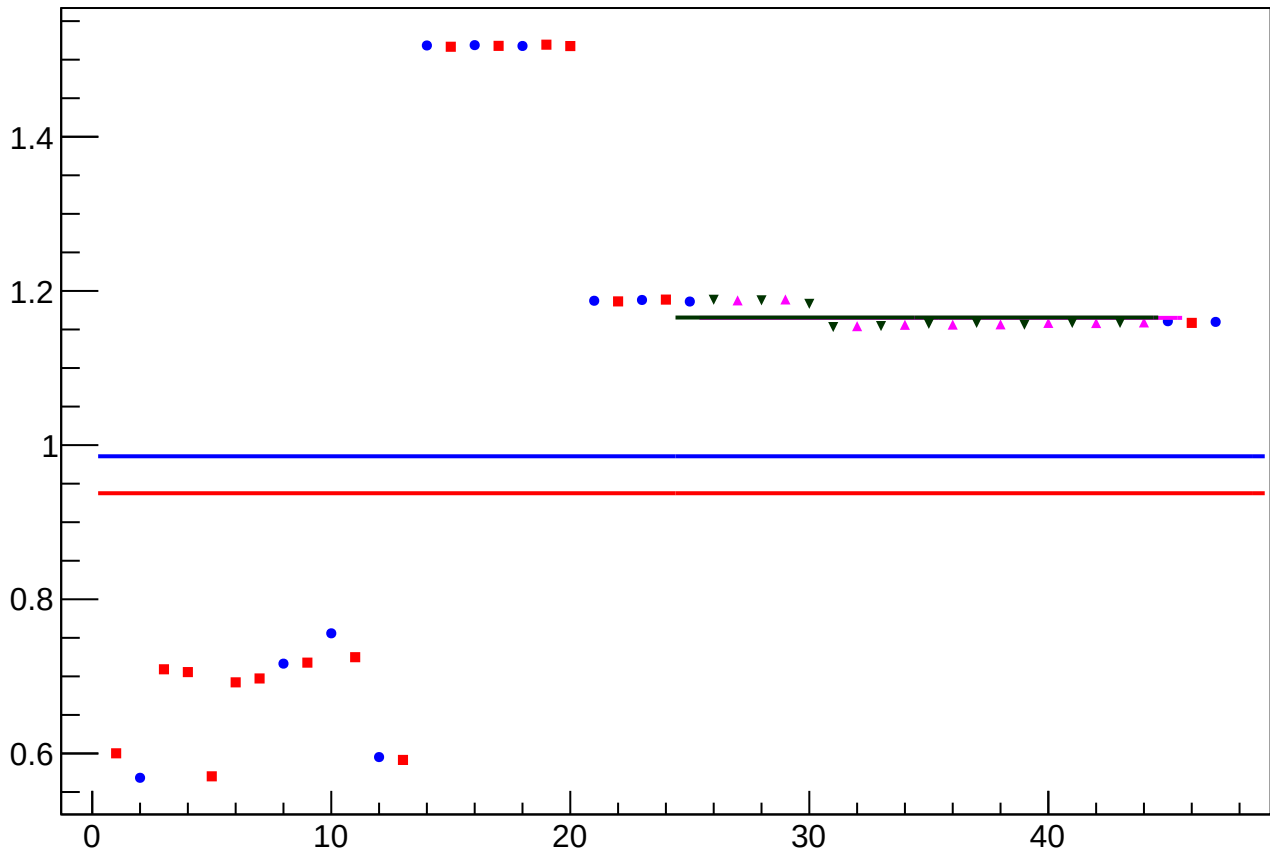
Left Out: 0.020+/-0.000 χ^2/NDF : 889086.3/9

Right Out: 0.018+/-0.000 χ^2/NDF : 820840.6/15

Left In: 0.020+/-0.000 χ^2/NDF : 480952.3/8

0.018+/-0.000 χ^2/NDF : 3176839.6/46

yield_bpm4eY_mean vs slug



Right In: 0.986+/-0.000 χ^2/NDF : 12710523754.8/11

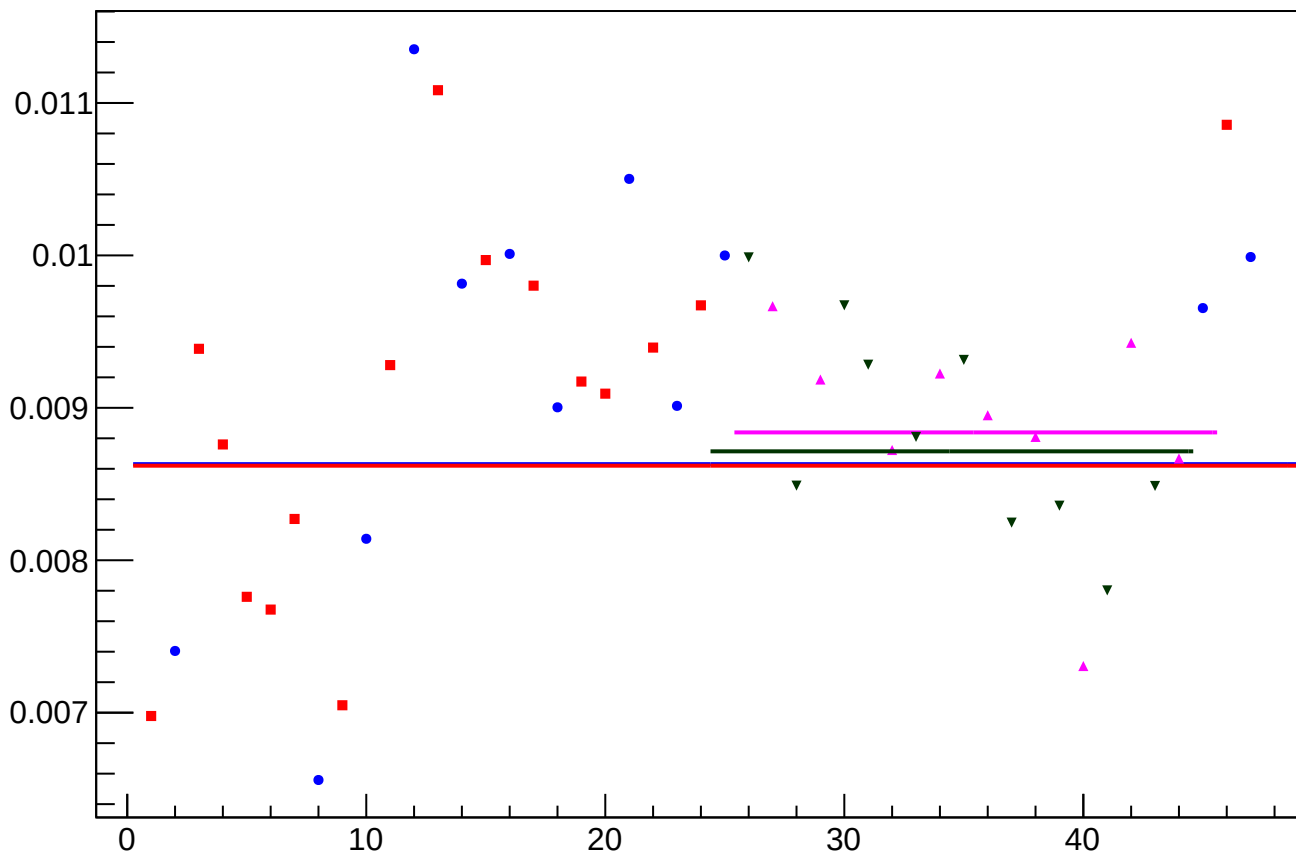
Left Out: 1.166+/-0.000 χ^2/NDF : 12042647.5/9

1.045+/-0.000 χ^2/NDF : 27775964259.4/46

Right Out: 0.938+/-0.000 χ^2/NDF : 11647118964.2/15

Left In: 1.165+/-0.000 χ^2/NDF : 13350720.5/8

yield_bpm4eY_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 414240.5/11

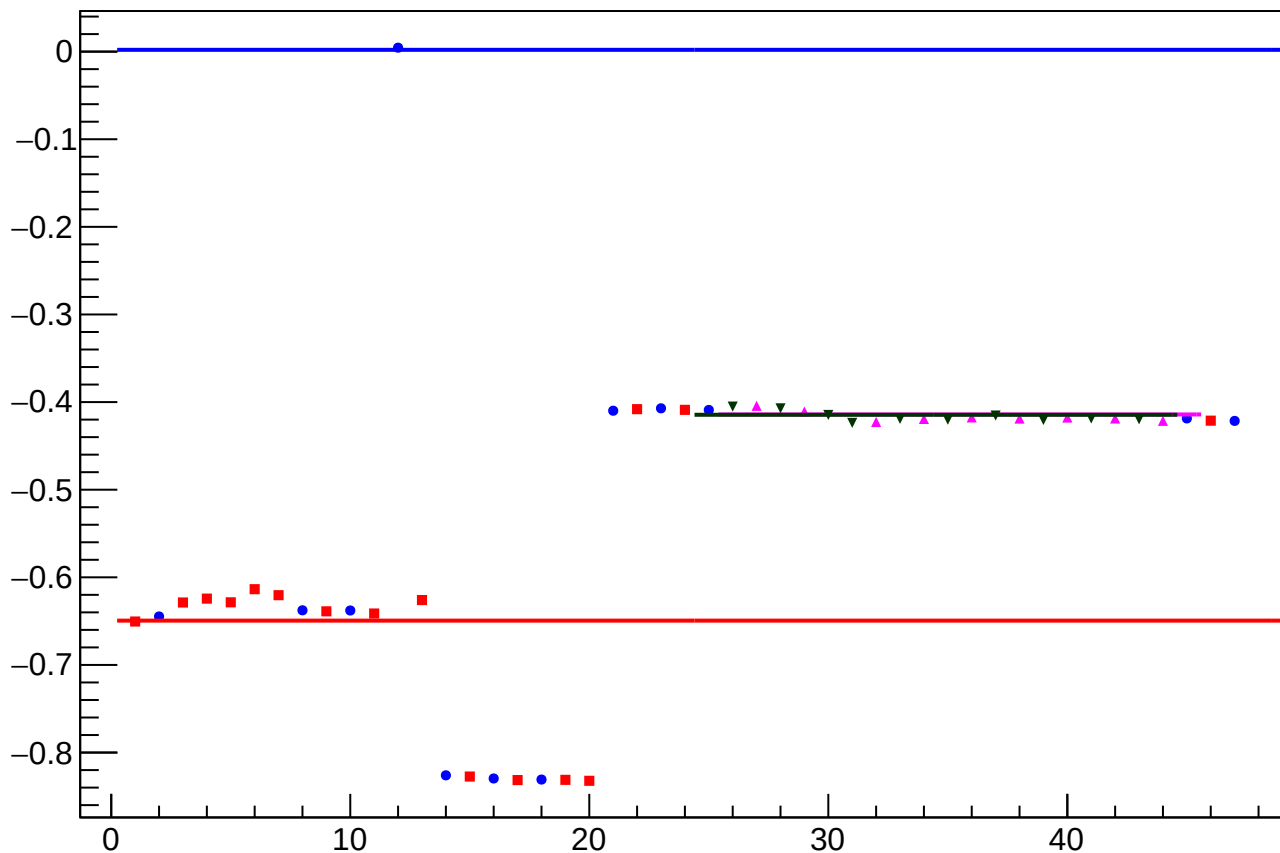
Left Out: 0.009+/-0.000 χ^2/NDF : 53949.8/9

Right Out: 0.009+/-0.000 χ^2/NDF : 292936.0/15

Left In: 0.009+/-0.000 χ^2/NDF : 62875.6/8

0.009+/-0.000 χ^2/NDF : 828753.3/46

yield_bpm4acX_mean vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 62052955668.6/11

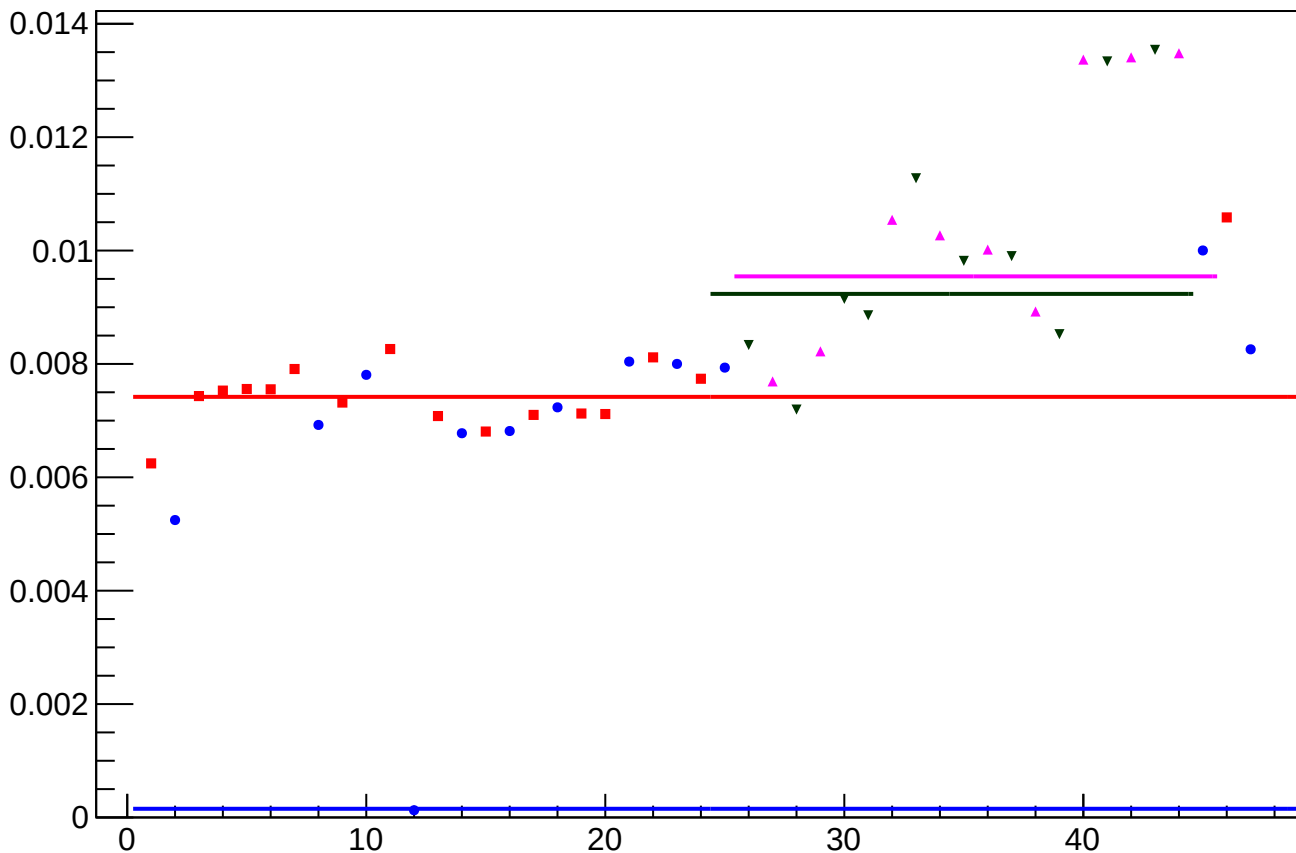
Left Out: -0.414+/-0.000 χ^2/NDF : 2323331.2/9

Right Out: -0.649+/-0.000 χ^2/NDF : 2558099060.4/15

Left In: -0.414+/-0.000 χ^2/NDF : 2652469.0/8

-0.002+/-0.000 χ^2/NDF : 141141891241.4/46

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13466285.6/11

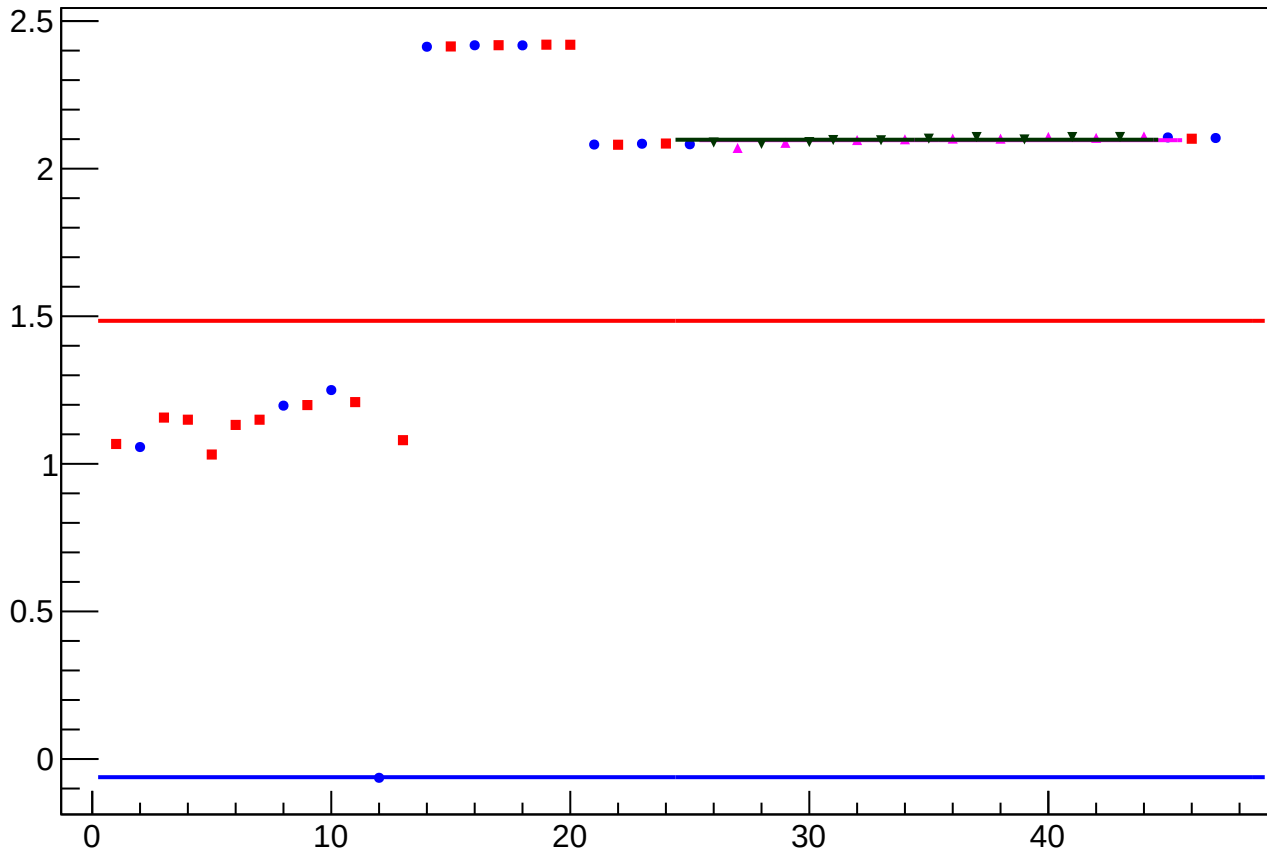
Left Out: 0.009+/-0.000 χ^2/NDF : 378139.6/9

0.000+/-0.000 χ^2/NDF : 48201775.6/46

Right Out: 0.007+/-0.000 χ^2/NDF : 163583.4/15

Left In: 0.010+/-0.000 χ^2/NDF : 420972.7/8

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 143487210219.5/11

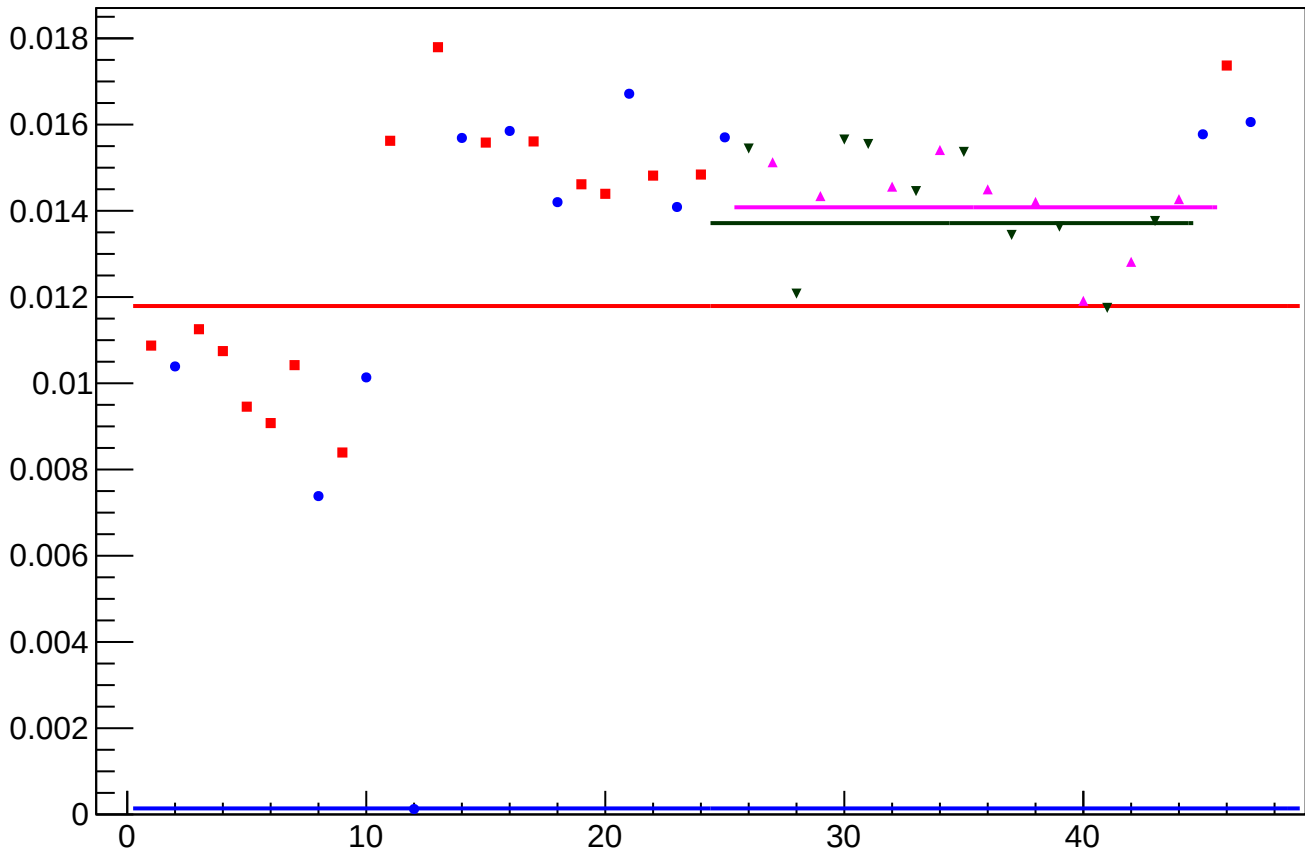
Left Out: 2.098+/-0.000 χ^2/NDF :1989190.8/9

-0.056+/-0.000 χ^2/NDF : 521364439480.2/46

Right Out: 1.485+/-0.000 χ^2/NDF : 13175950734.3/15

Left In: 2.096+/-0.000 χ^2/NDF :3989522.6/8

yield_bpm4acY_rms vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13334274.4/11

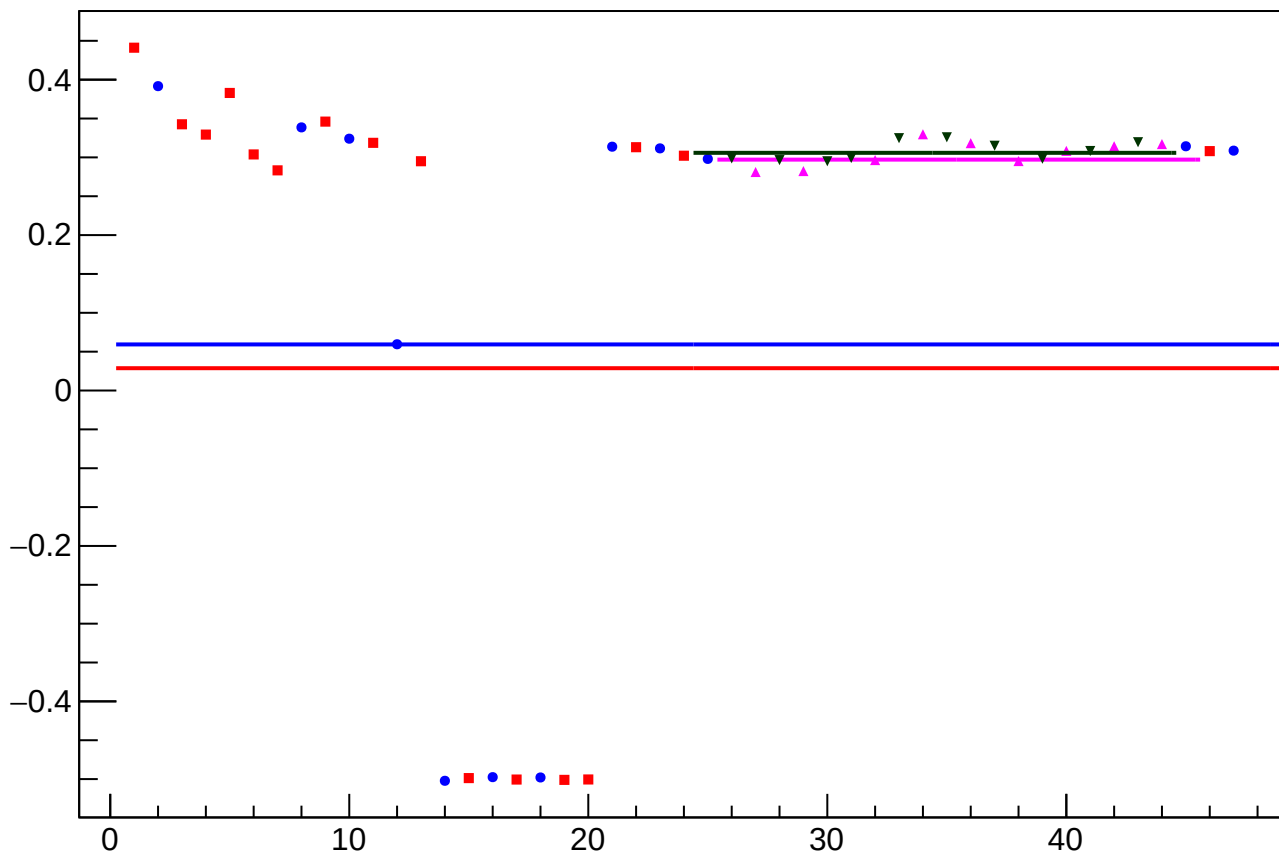
Left Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 105900.8/9

0.000 $\pm$ 0.000 χ^2 /NDF: 47766643.8/46

Right Out: 0.012 $\pm$ 0.000 χ^2 /NDF: 878856.2/15

Left In: 0.014 $\pm$ 0.000 χ^2 /NDF: 60731.7/8

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3657876971.4/11

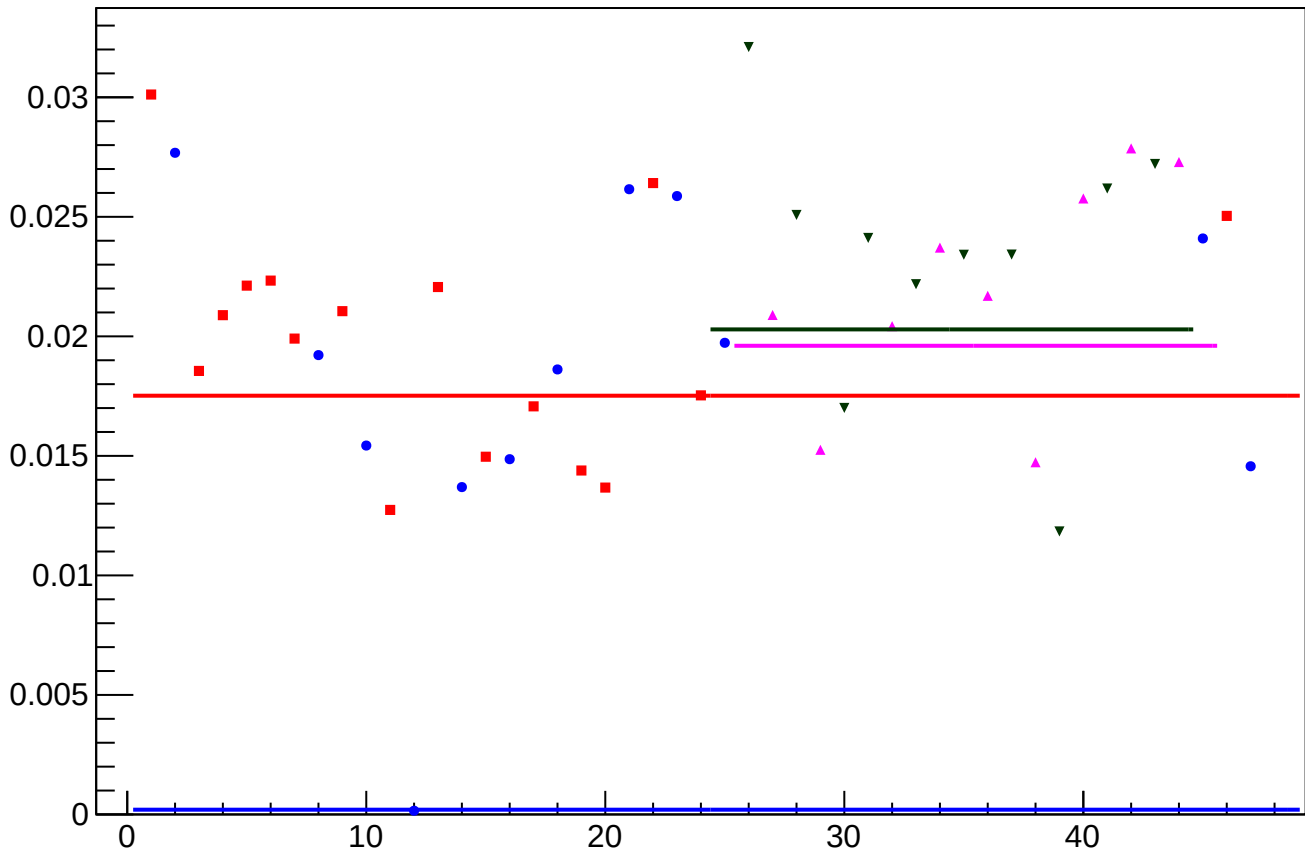
Left Out: 0.306+/-0.000 χ^2/NDF : 1442244.8/9

0.060+/-0.000 χ^2/NDF : 8510535495.1/46

Right Out: 0.029+/-0.000 χ^2/NDF : 3420462862.5/15

Left In: 0.297+/-0.000 χ^2/NDF : 3115061.2/8

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13357212.9/11

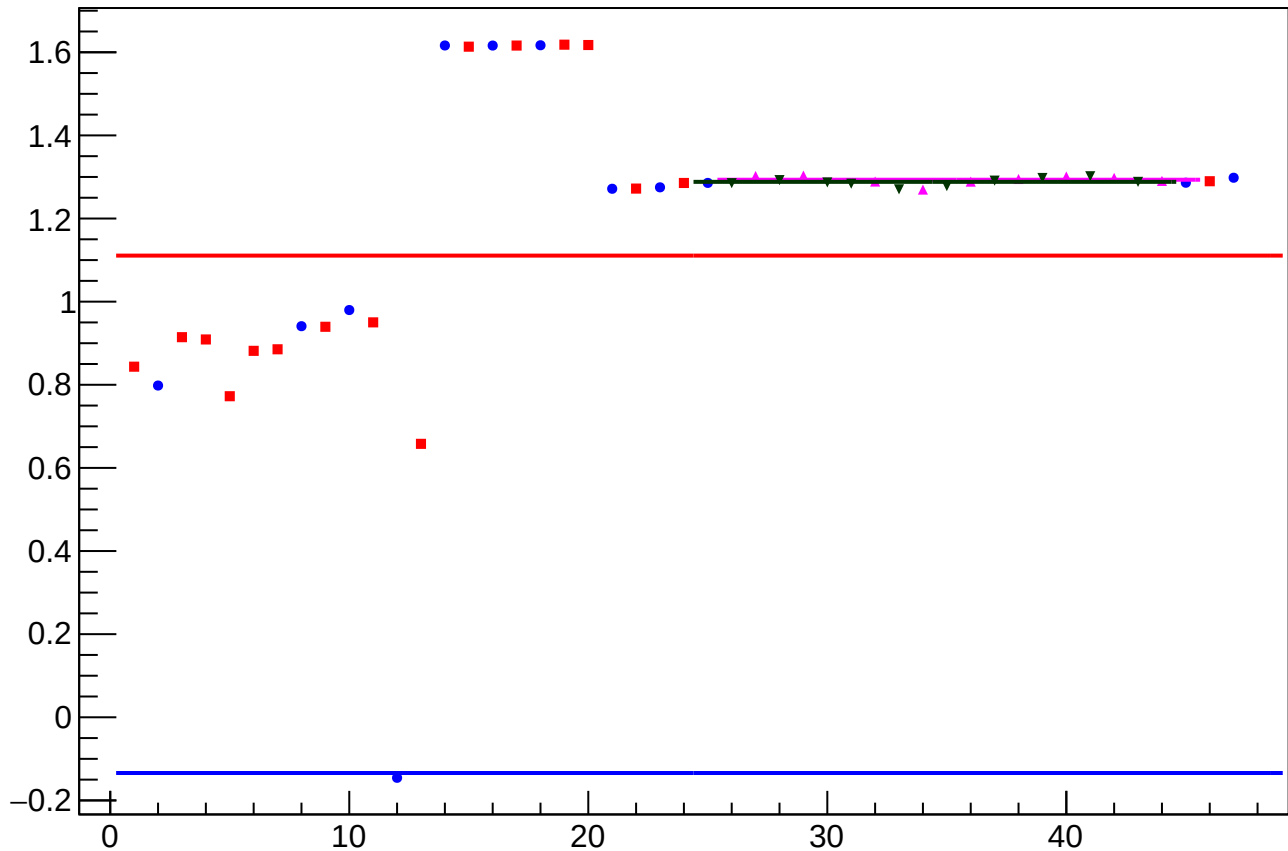
Left Out: 0.020+/-0.000 χ^2/NDF : 809735.4/9

0.000+/-0.000 χ^2/NDF : 47217607.2/46

Right Out: 0.018+/-0.000 χ^2/NDF : 855508.8/15

Left In: 0.020+/-0.000 χ^2/NDF : 492359.8/8

yield_bpm4ecY_mean vs slug



Right In: -0.134+/-0.000 χ^2/NDF : 147798671764.9/11

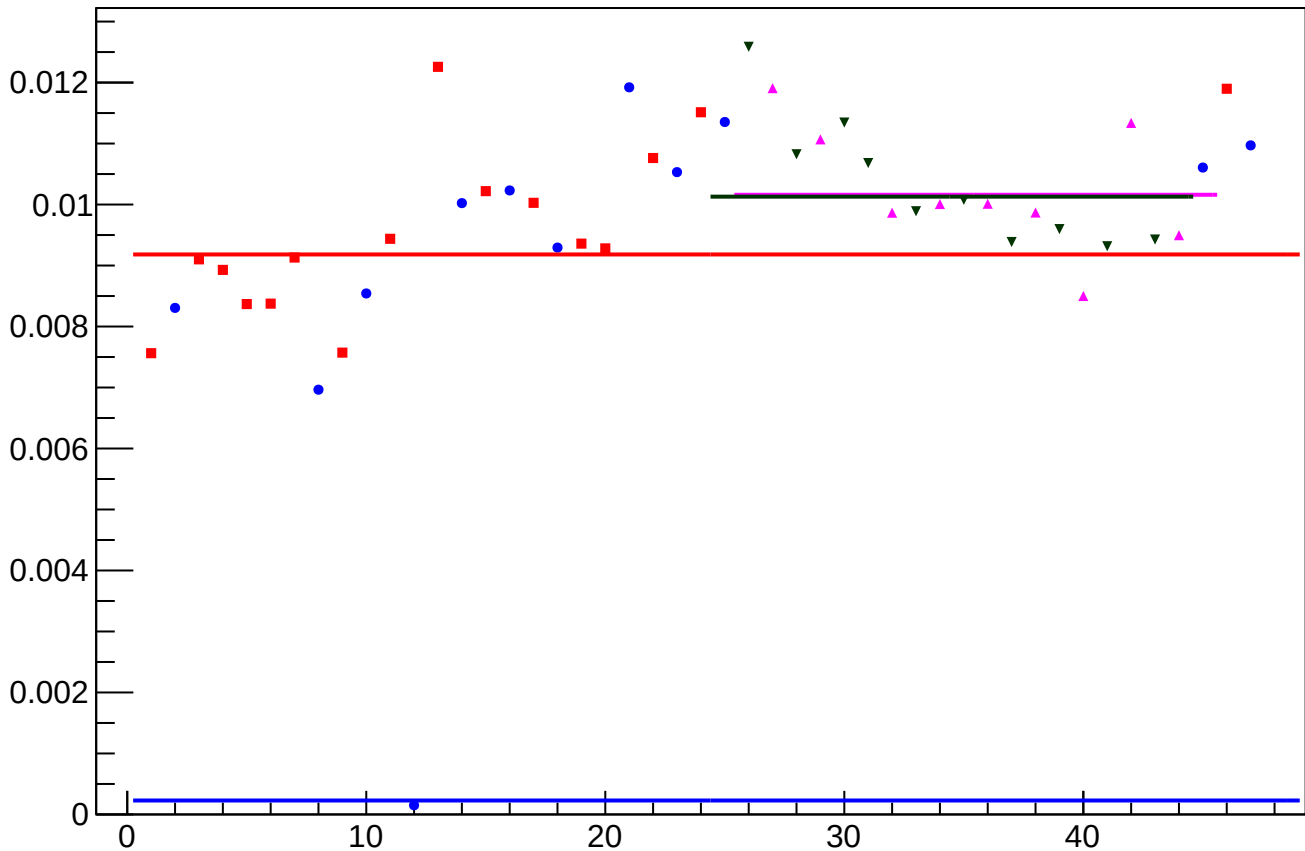
Left Out: 1.288+/-0.000 χ^2/NDF : 3975612.3/9

-0.108+/-0.000 χ^2/NDF : 483665600602.3/46

Right Out: 1.111+/-0.000 χ^2/NDF : 7849065996.2/15

Left In: 1.293+/-0.000 χ^2/NDF : 4684486.6/8

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 13250803.6/11

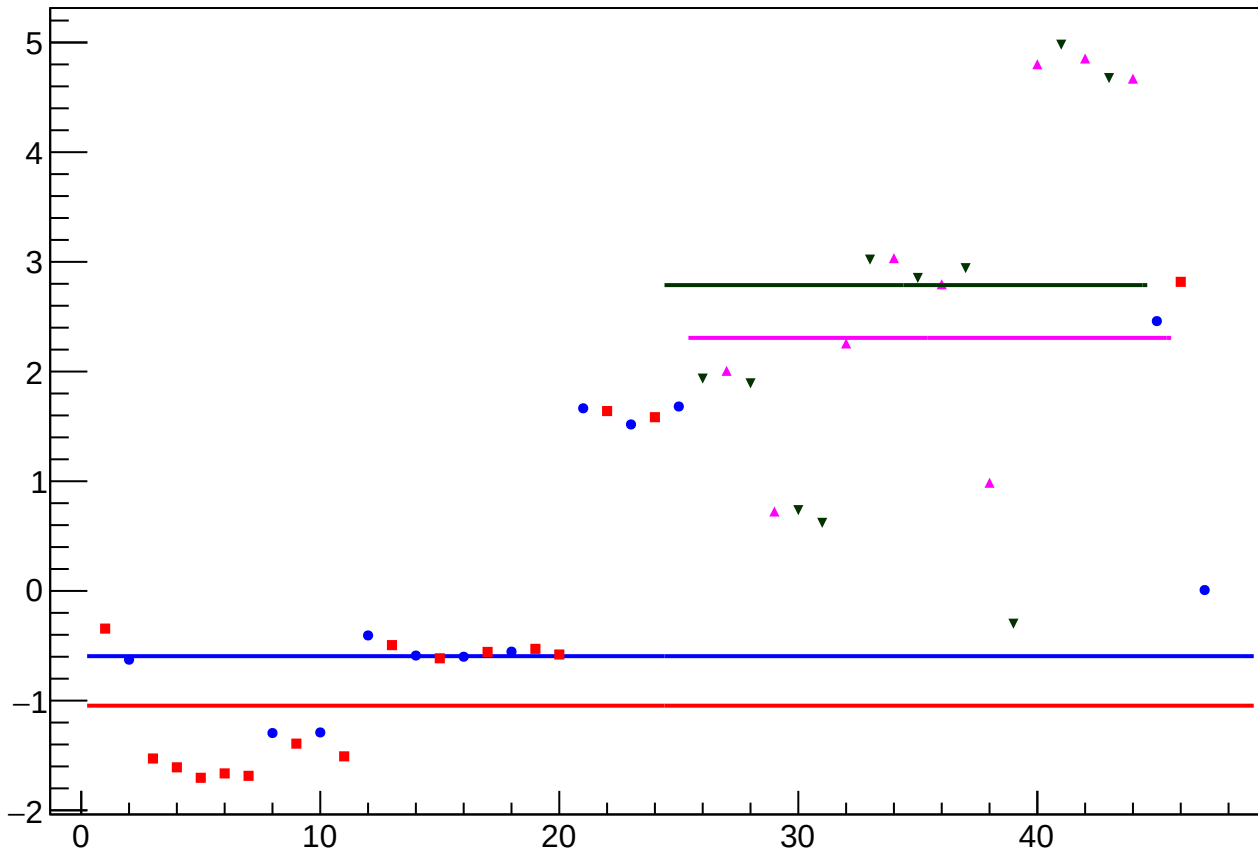
Left Out: 0.010+/-0.000 χ^2/NDF : 78195.0/9

0.000+/-0.000 χ^2/NDF : 46344095.9/46

Right Out: 0.009+/-0.000 χ^2/NDF : 302551.6/15

Left In: 0.010+/-0.000 χ^2/NDF : 100525.5/8

yield_bpm1X_mean vs slug



Right In: -0.595 ± 0.000 χ^2/NDF : 1697544403.3/11

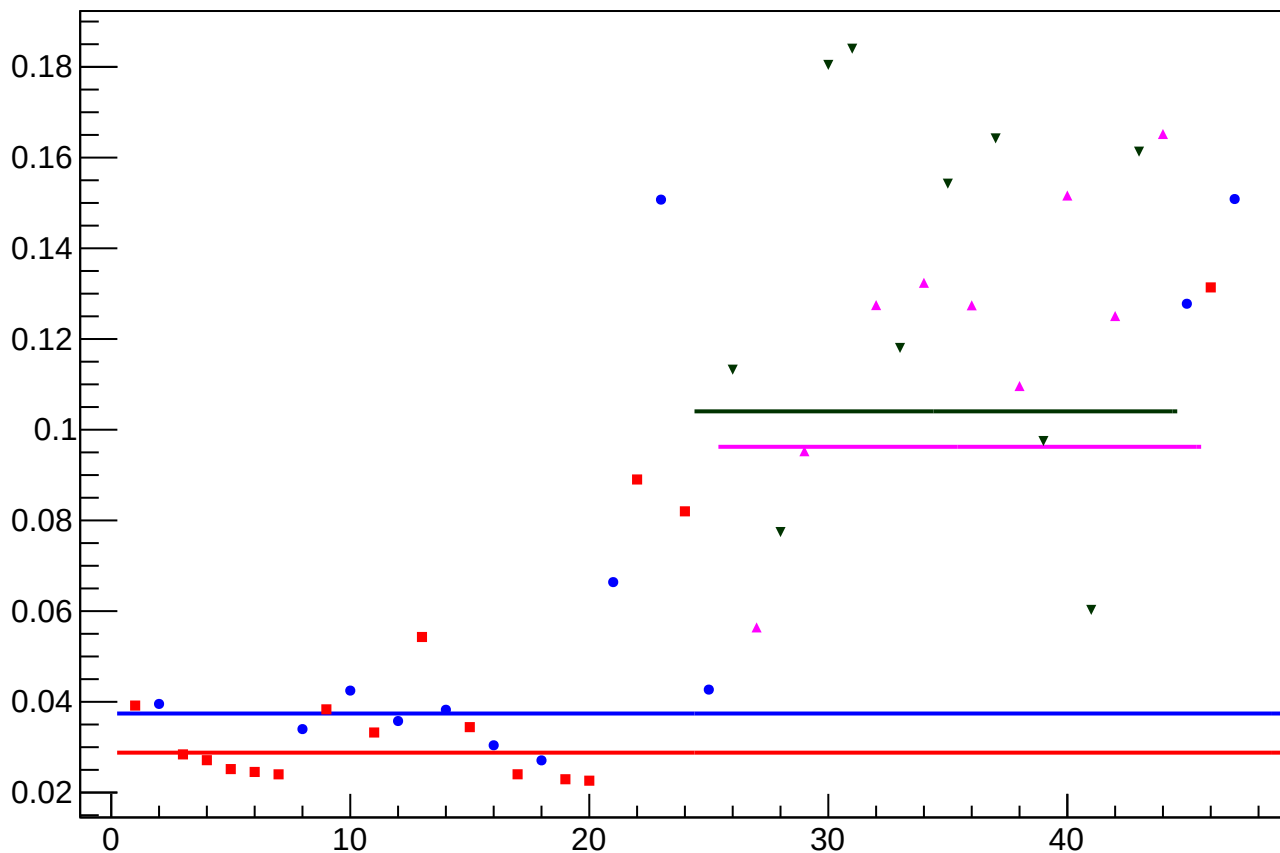
Left Out: 2.788 ± 0.000 χ^2/NDF : 939335767.4/9

-0.651 ± 0.000 χ^2/NDF : 14447119454.3/46

Right Out: -1.046 ± 0.000 χ^2/NDF : 2751642984.0/15

Left In: 2.307 ± 0.000 χ^2/NDF : 636943051.6/8

yield_bpm1X_rms vs slug



Right In: 0.037+/-0.000 χ^2/NDF : 1838546.4/11

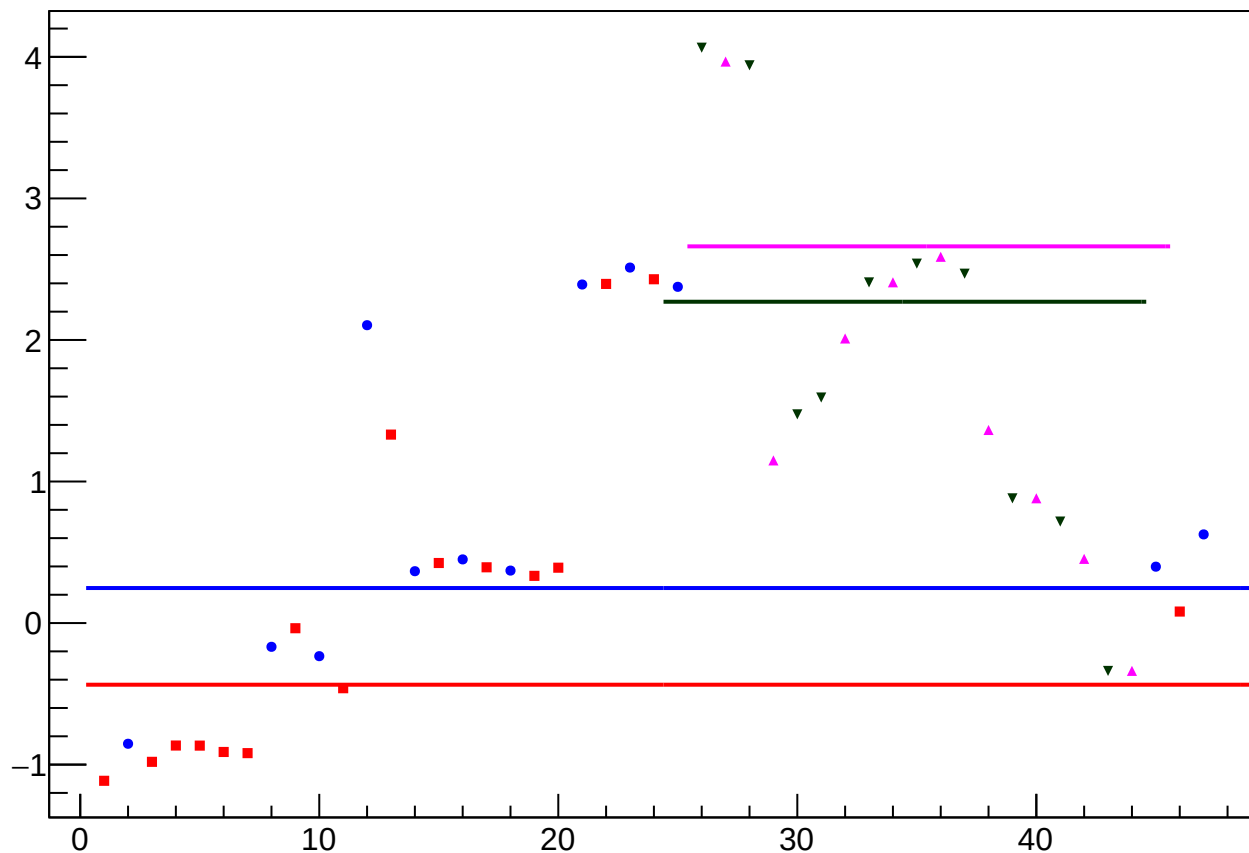
Left Out: 0.104+/-0.000 χ^2/NDF :1080558.8/9

Right Out: 0.029+/-0.000 χ^2/NDF : 1490481.5/15

Left In: 0.096+/-0.000 χ^2/NDF :1064223.3/8

0.037+/-0.000 χ^2/NDF : 12118152.6/46

yield_bpm1Y_mean vs slug



Right In: 0.247+/-0.000 χ^2/NDF : 6584189168.0/11

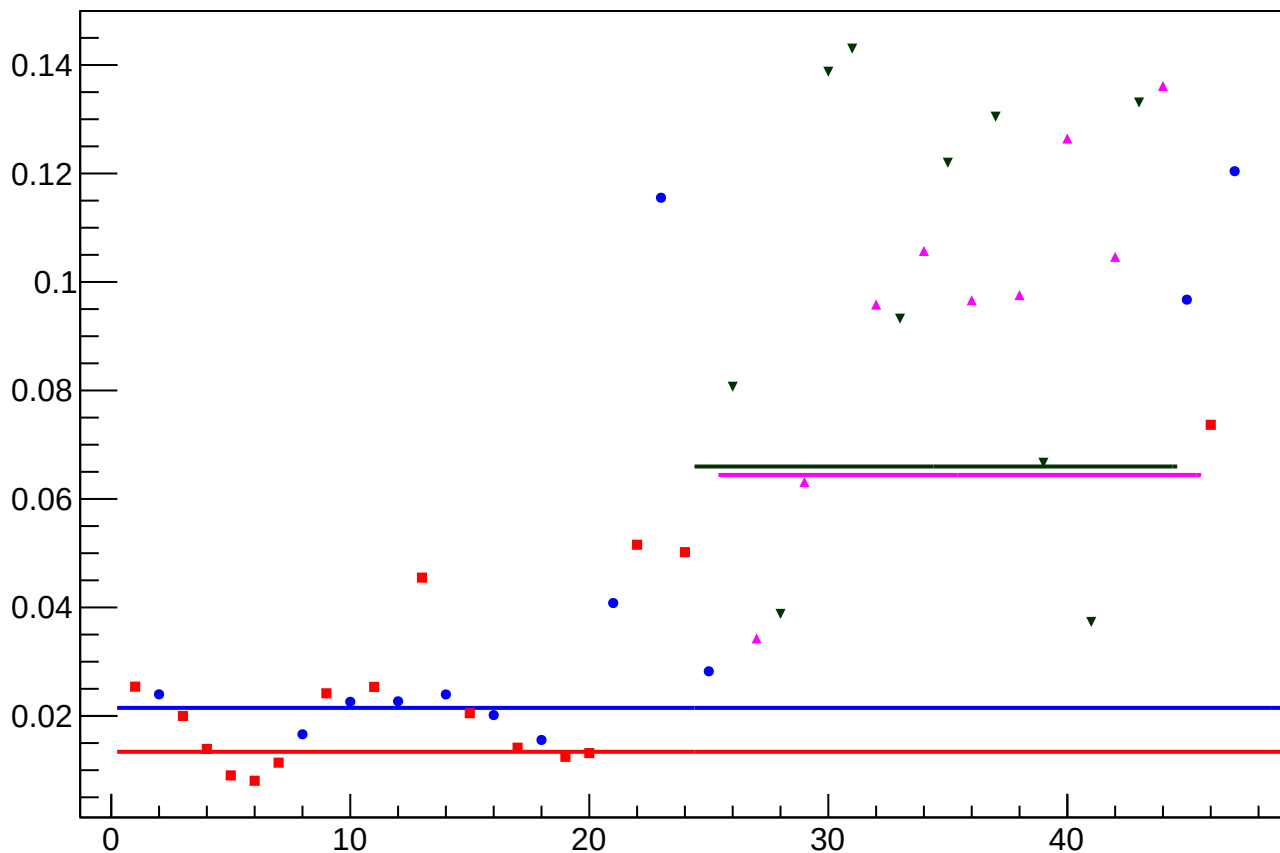
Left Out: 2.270+/-0.000 χ^2/NDF :1464784442.9/9

Right Out: -0.436+/-0.000 χ^2/NDF : 10348122468.5/15

Left In: 2.661+/-0.000 χ^2/NDF :1577532155.4/8

-0.127+/-0.000 χ^2/NDF : 33670401700.7/46

yield_bpm1Y_rms vs slug



Right In: 0.021 ± 0.000 χ^2/NDF : 2139271.3/11

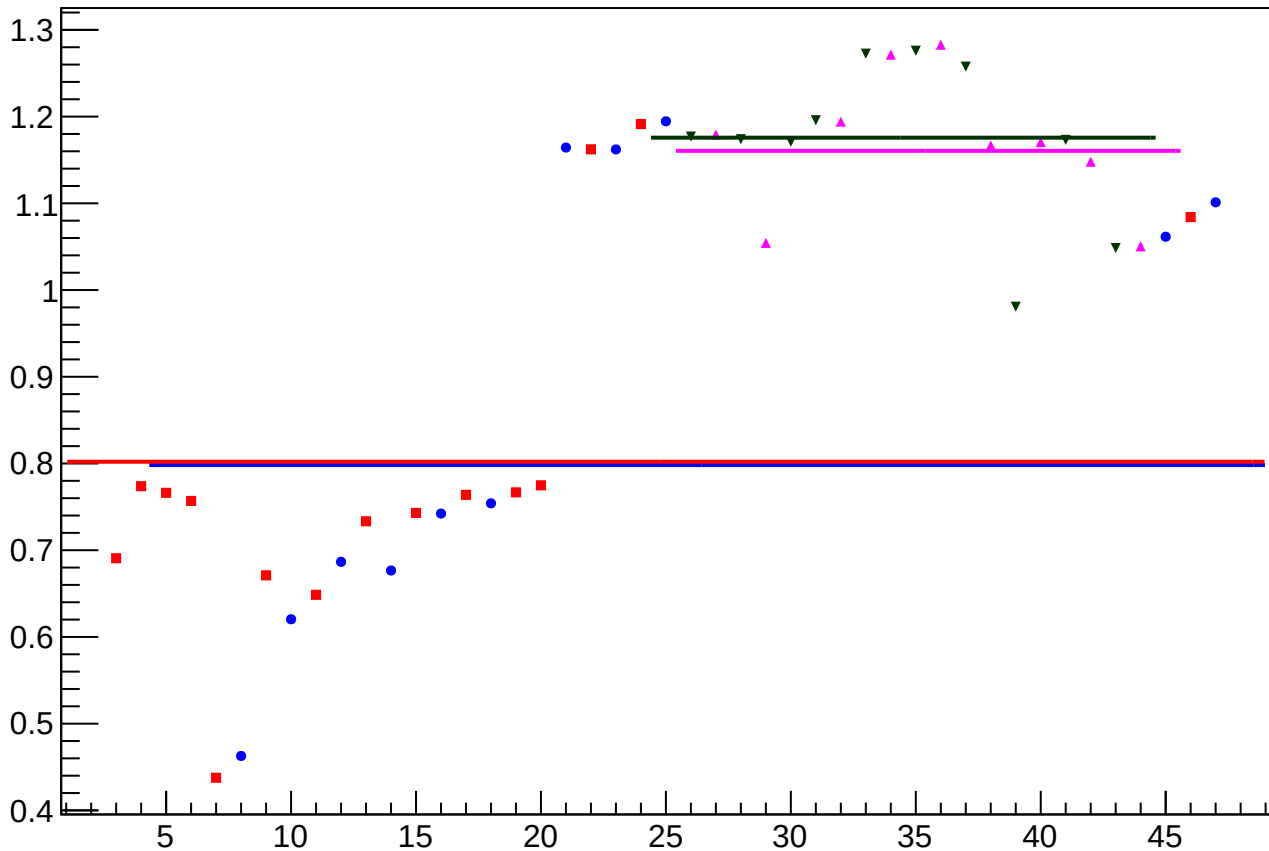
Left Out: 0.066 ± 0.000 χ^2/NDF : 1793503.7/9

Right Out: 0.013 ± 0.000 χ^2/NDF : 2491895.4/15

Left In: 0.064 ± 0.000 χ^2/NDF : 1803129.9/8

0.018 ± 0.000 χ^2/NDF : 16002039.8/46

yield_bpm11X_mean vs slug



Right In: 0.798 $\pm$ 0.000 χ^2 /NDF: 929445328.6/10

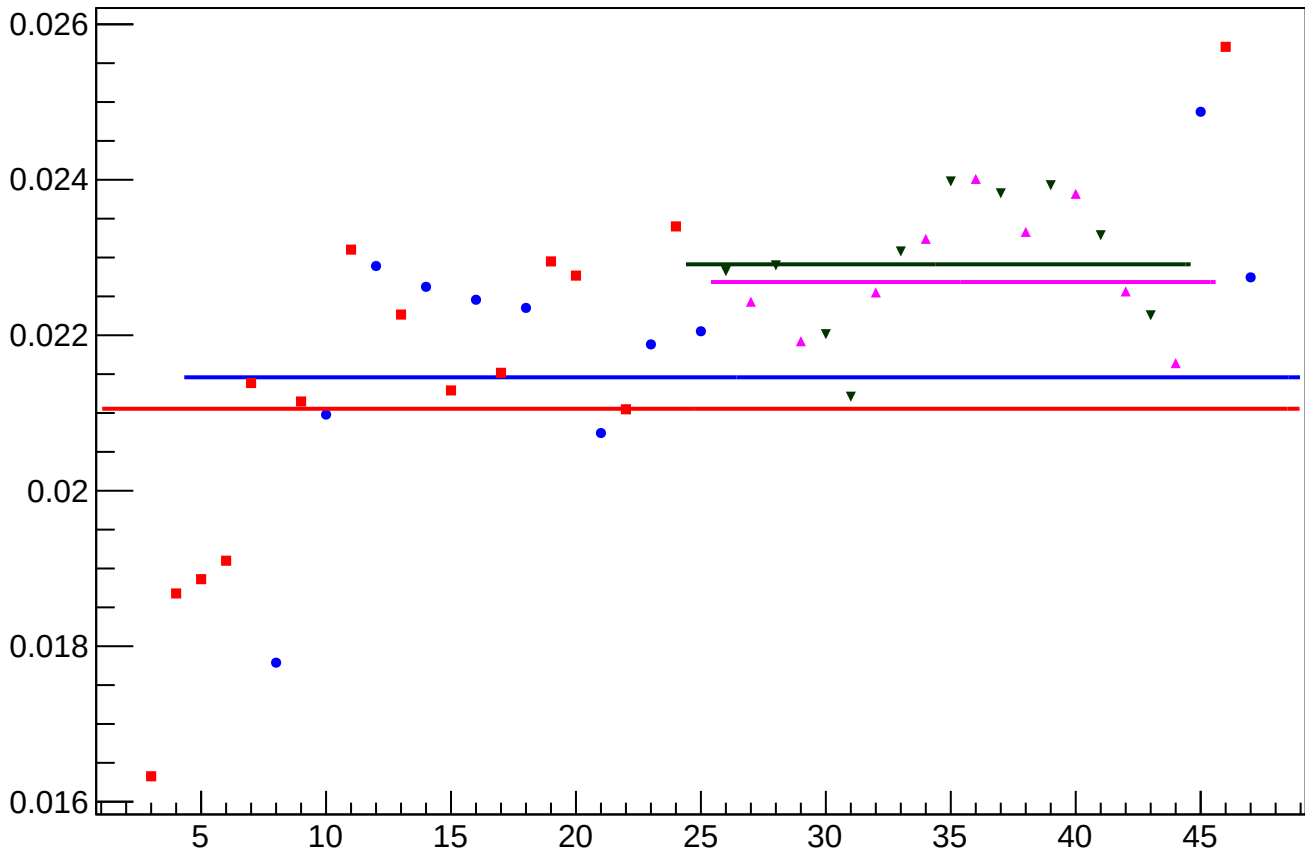
Left Out: 1.176 $\pm$ 0.000 χ^2 /NDF: 66957643.7/9

0.950 $\pm$ 0.000 χ^2 /NDF: 3205973939.5/44

Right Out: 0.802 $\pm$ 0.000 χ^2 /NDF: 542477124.0/14

Left In: 1.161 $\pm$ 0.000 χ^2 /NDF: 58009223.4/8

yield_bpm11X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 108570.0/10

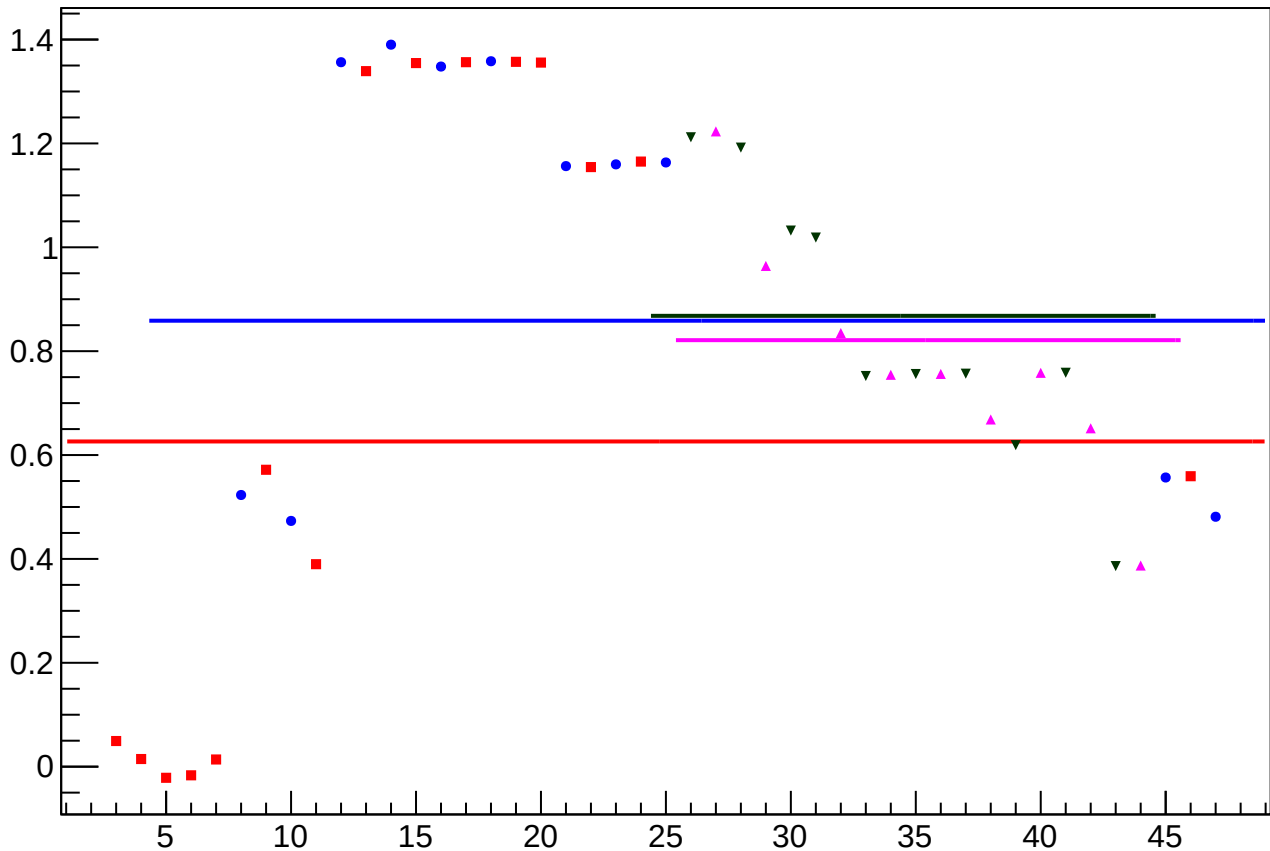
Left Out: 0.023+/-0.000 χ^2/NDF :12595.5/9

0.022+/-0.000 χ^2/NDF : 338043.3/44

Right Out: 0.021+/-0.000 χ^2/NDF : 146449.1/14

Left In: 0.023+/-0.000 χ^2/NDF :10950.5/8

yield_bpm11Y_mean vs slug



Right In: 0.859+/-0.000 χ^2/NDF : 85116773649.2/10

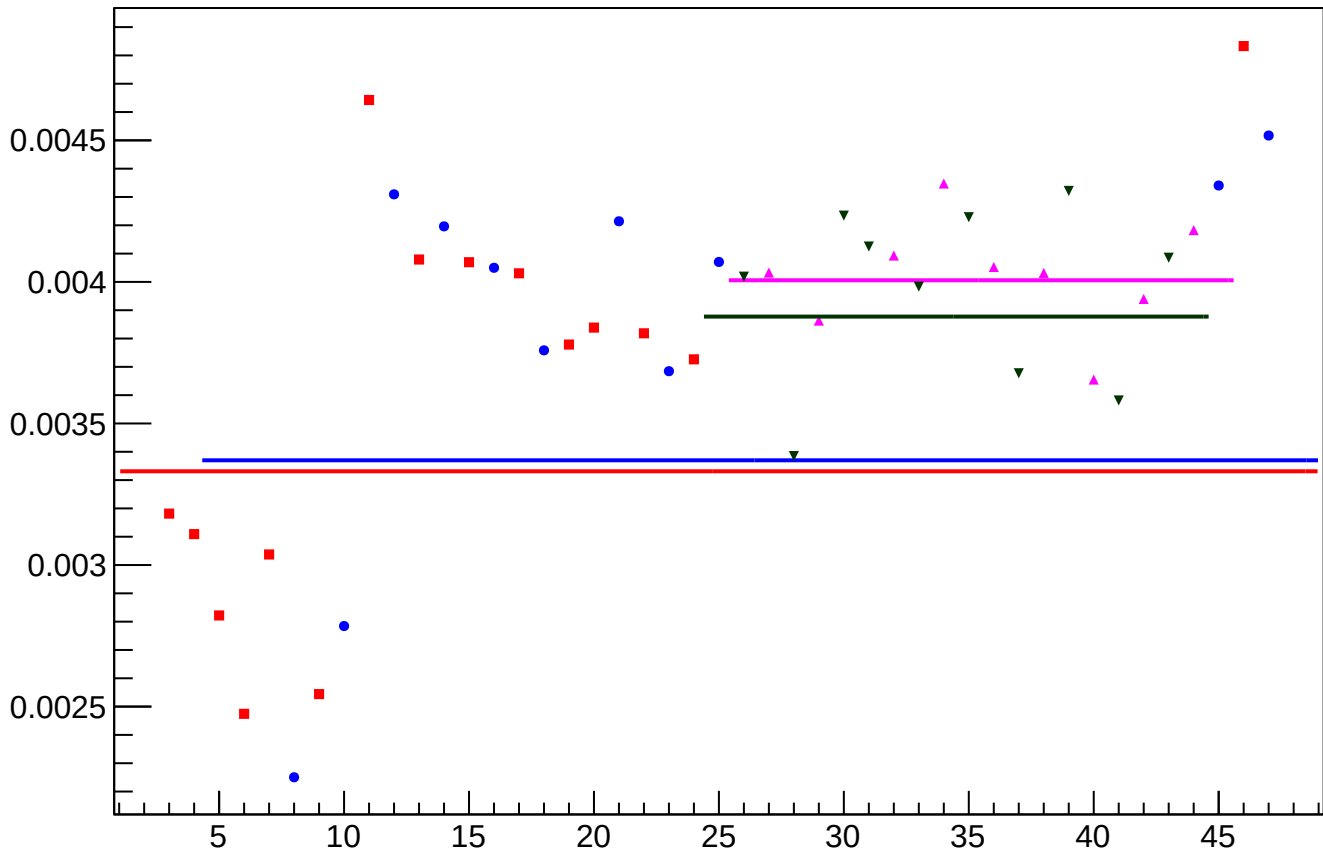
Left Out: 0.868+/-0.000 χ^2/NDF : 20106418581.2/9

0.778+/-0.000 χ^2/NDF : 315071380254.6/44

Right Out: 0.626+/-0.000 χ^2/NDF : 172885092283.1/14

Left In: 0.821+/-0.000 χ^2/NDF : 16932395781.7/8

yield_bpm11Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 812467.6/10

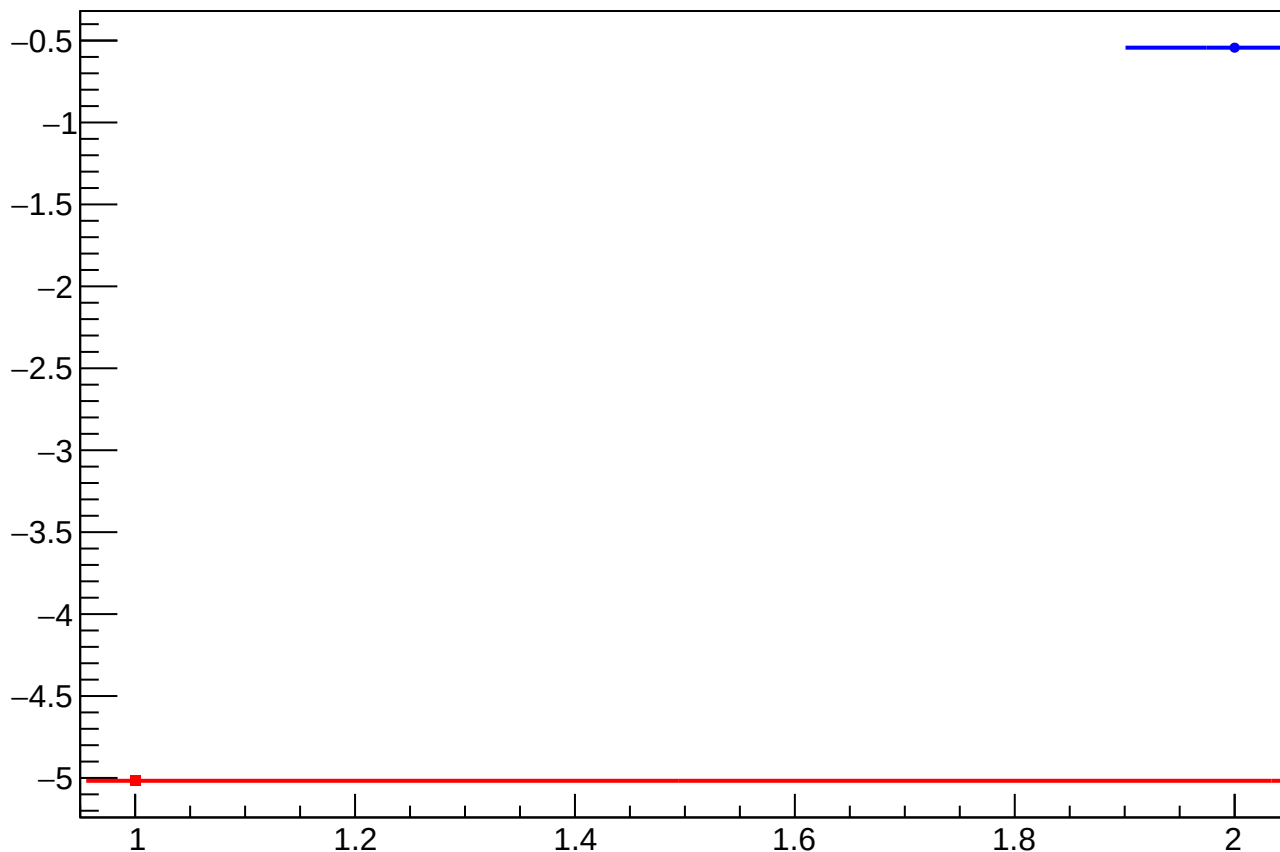
Left Out: 0.004+/-0.000 χ^2/NDF : 65302.6/9

0.004+/-0.000 χ^2/NDF : 1826002.5/44

Right Out: 0.003+/-0.000 χ^2/NDF : 628521.0/14

Left In: 0.004+/-0.000 χ^2/NDF : 20421.7/8

yield_bpm14X_mean vs slug



Right In: -0.544+/-0.000 χ^2/NDF : 0.0/0

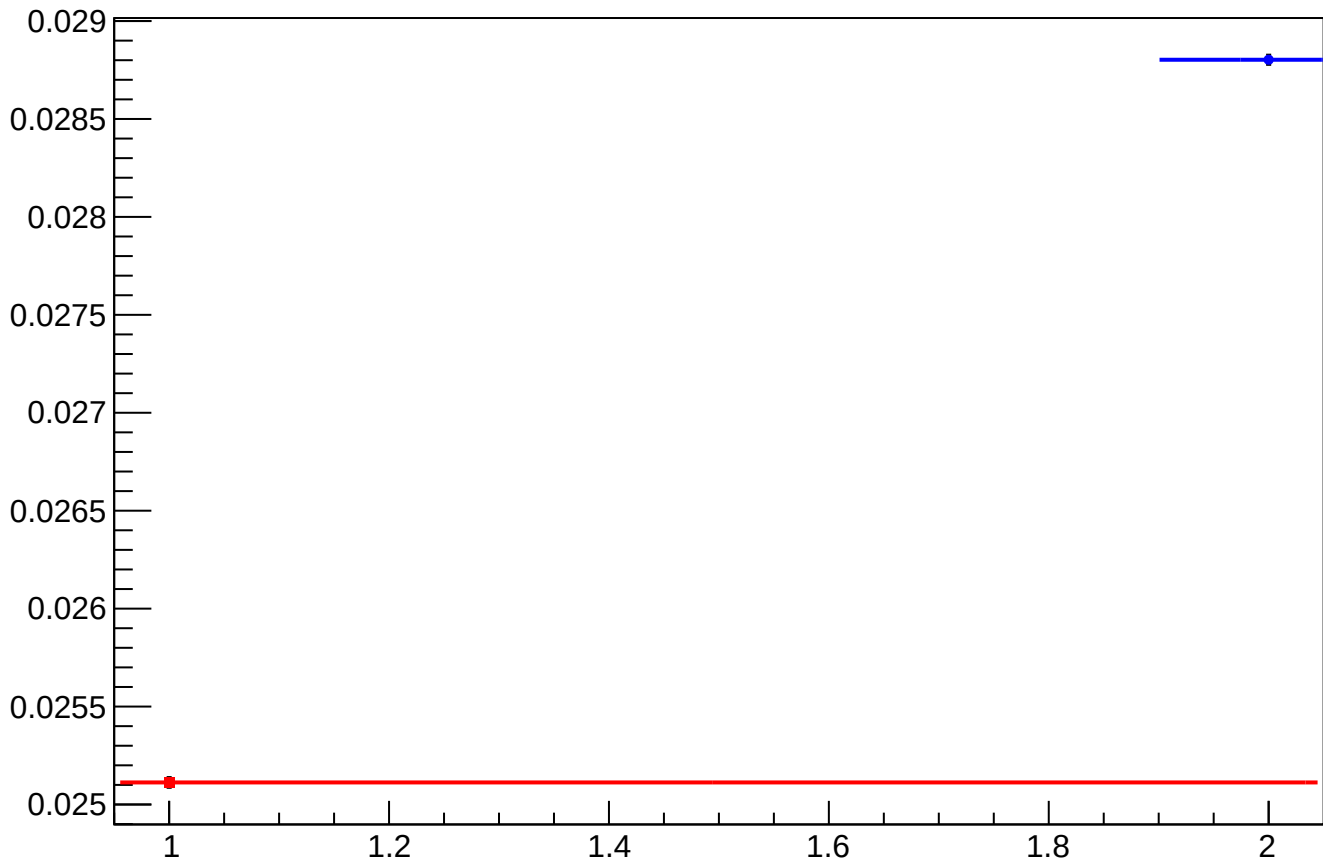
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.017+/-0.000 χ^2/NDF : 0.0/0

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

-2.662+/-0.000 χ^2/NDF : 7035298574.8/1

yield_bpm14X_rms vs slug



Right In: 0.029+/-0.000 χ^2/NDF : 0.0/0

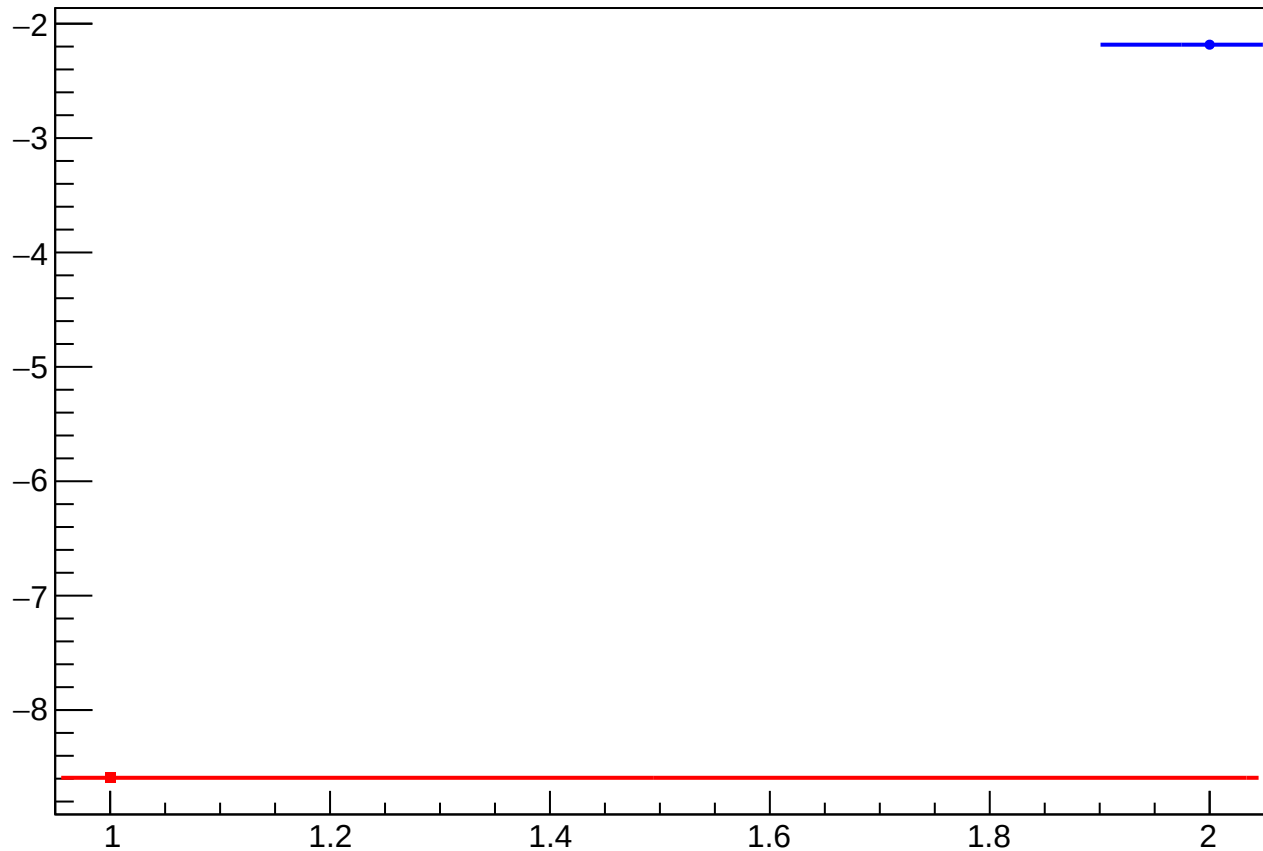
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.027+/-0.000 χ^2/NDF : 9570.9/1

Right Out: 0.025+/-0.000 χ^2/NDF : 0.0/0

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

yield_bpm14Y_mean vs slug



Right In: -2.183+/-0.000 χ^2 /NDF: 0.0/0

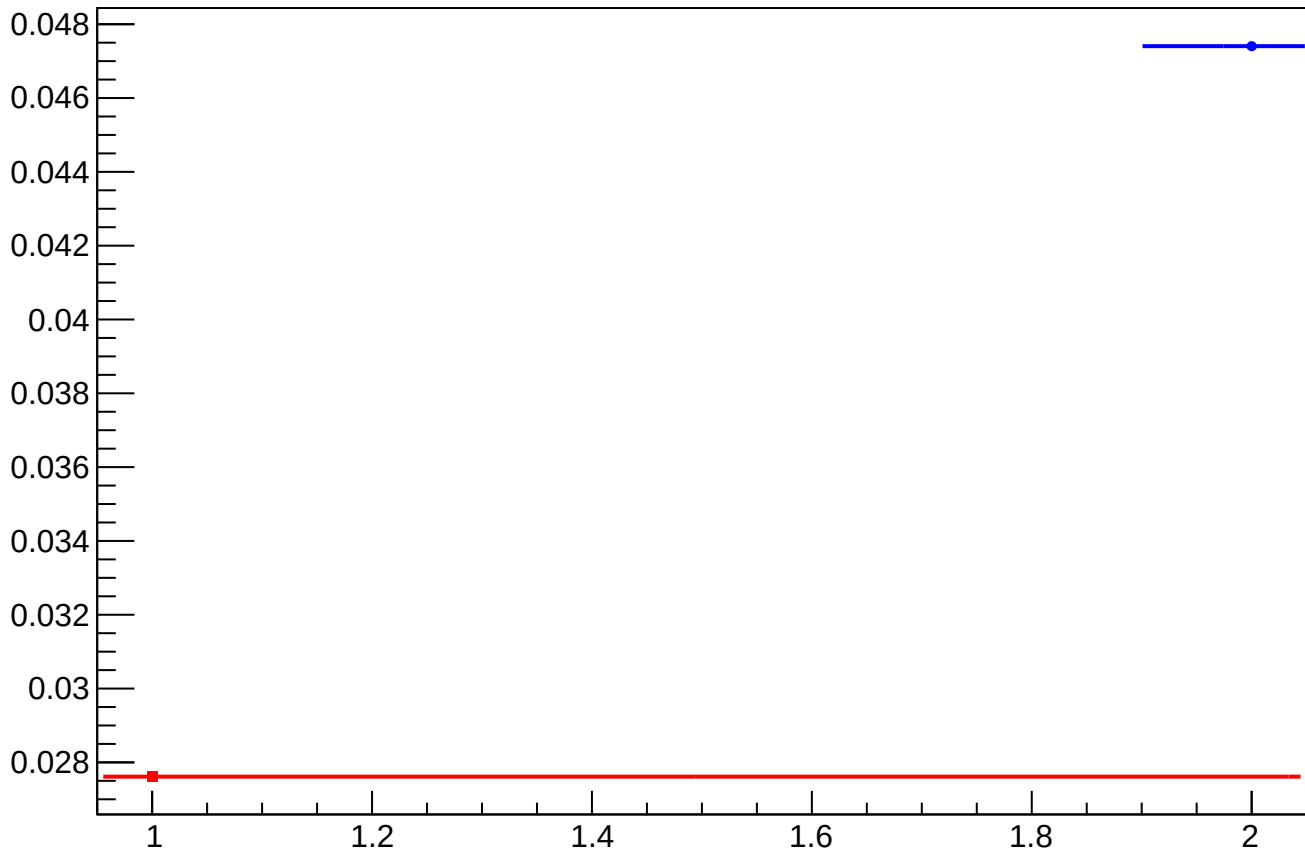
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -8.592+/-0.000 χ^2 /NDF: 0.0/0

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

-6.176+/-0.000 χ^2 /NDF: 7821070816.7/1

yield_bpm14Y_rms vs slug



Right In: 0.047+/-0.000 χ^2/NDF : 0.0/0

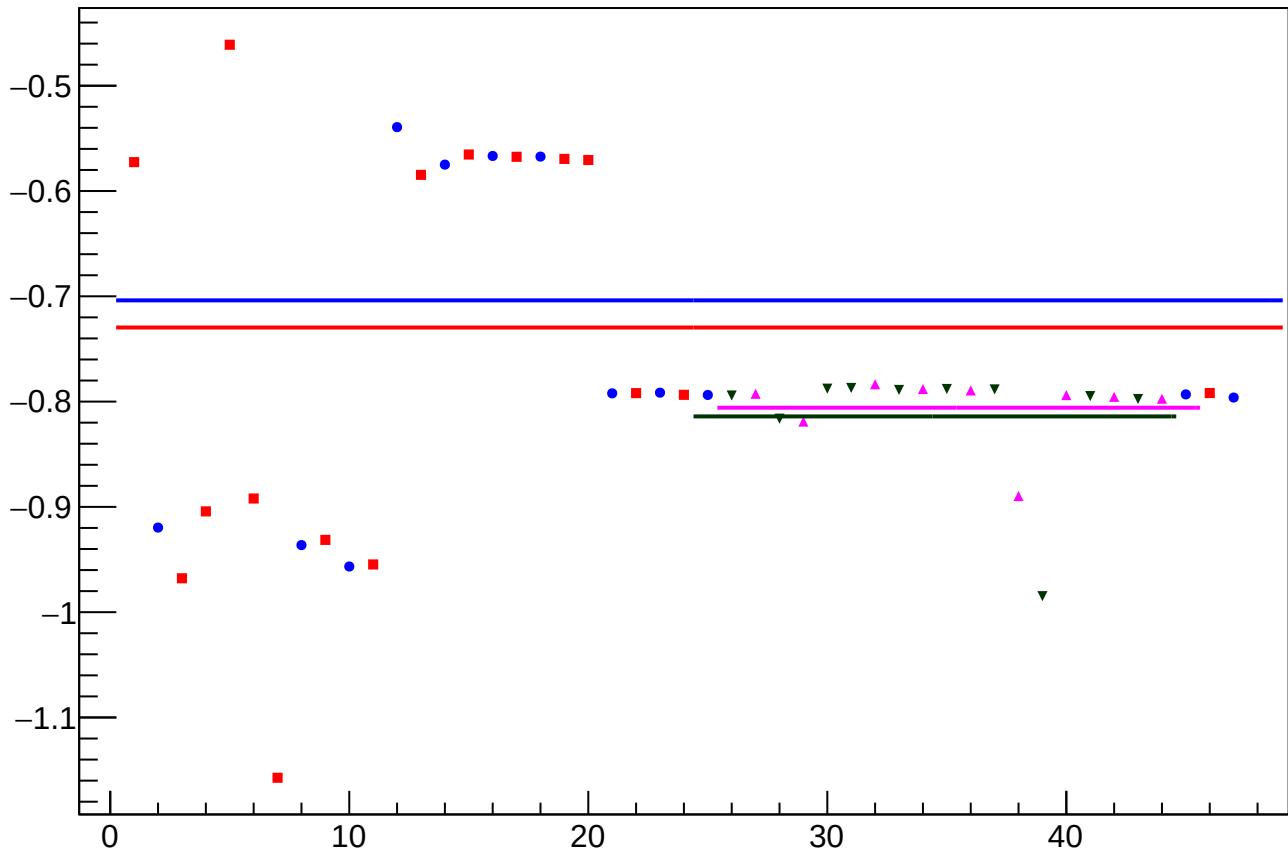
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

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

0.035+/-0.000 χ^2/NDF : 149176.9/1

yield_bpm12X_mean vs slug



Right In: -0.704+/-0.000 χ^2/NDF : 1908241907.3/11

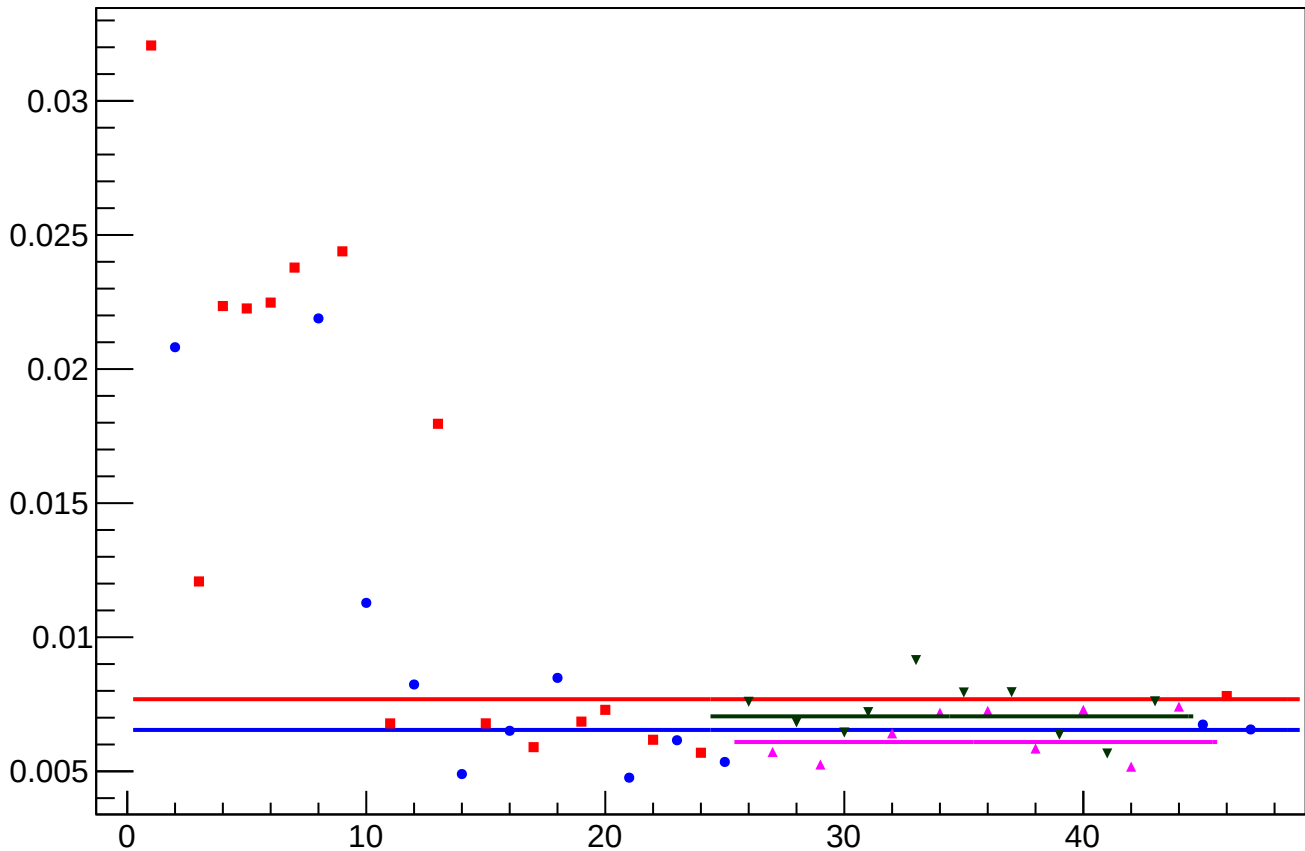
Left Out: -0.814+/-0.000 χ^2/NDF : 256464104.9/9

-0.760+/-0.000 χ^2/NDF : 5038968245.3/46

Right Out: -0.730+/-0.000 χ^2/NDF : 1883798760.8/15

Left In: -0.806+/-0.000 χ^2/NDF : 95420570.3/8

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2155917.3/11

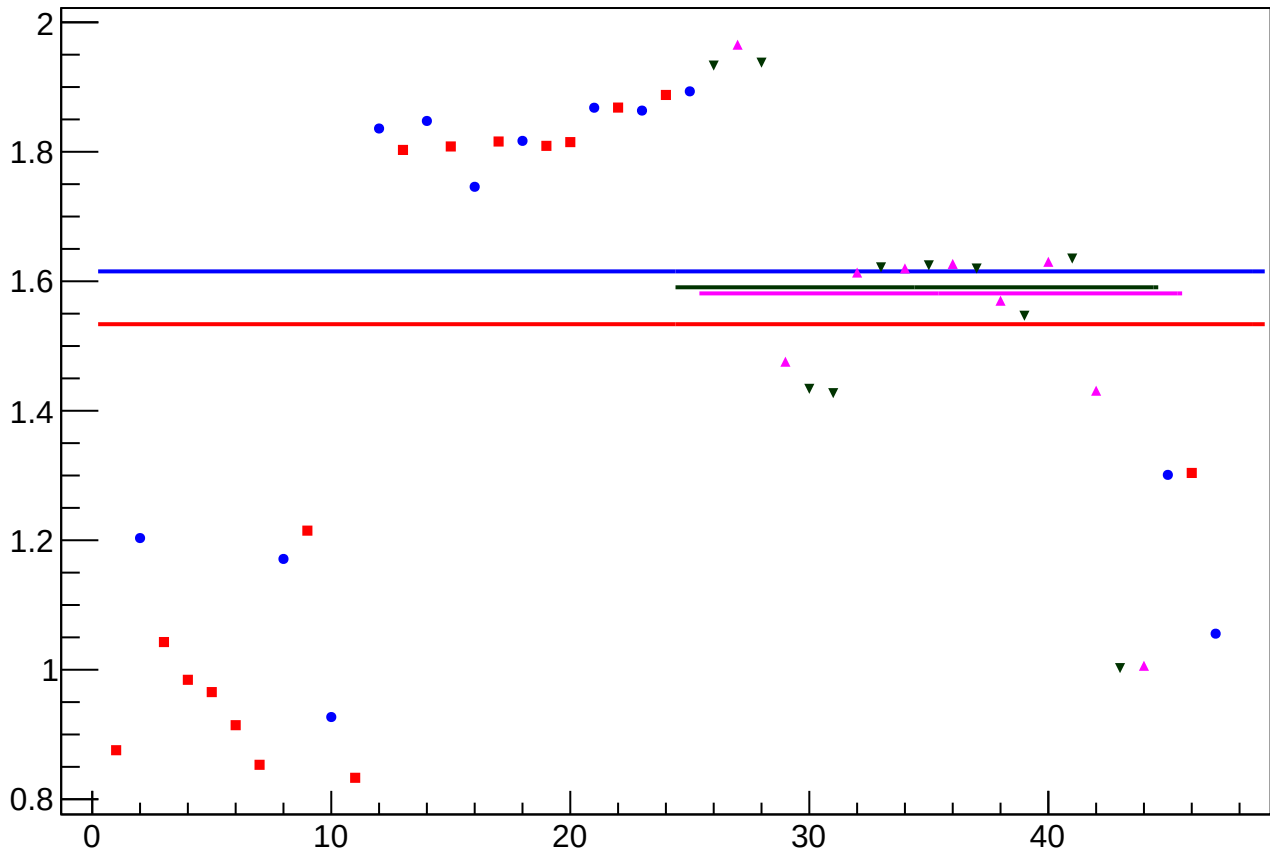
Left Out: 0.007+/-0.000 χ^2/NDF :135734.7/9

0.007+/-0.000 χ^2/NDF : 5702097.2/46

Right Out: 0.008+/-0.000 χ^2/NDF : 3007697.7/15

Left In: 0.006+/-0.000 χ^2/NDF :142784.9/8

yield_bpm12Y_mean vs slug



Right In: 1.615+/-0.000 χ^2/NDF : 15892065333.4/11

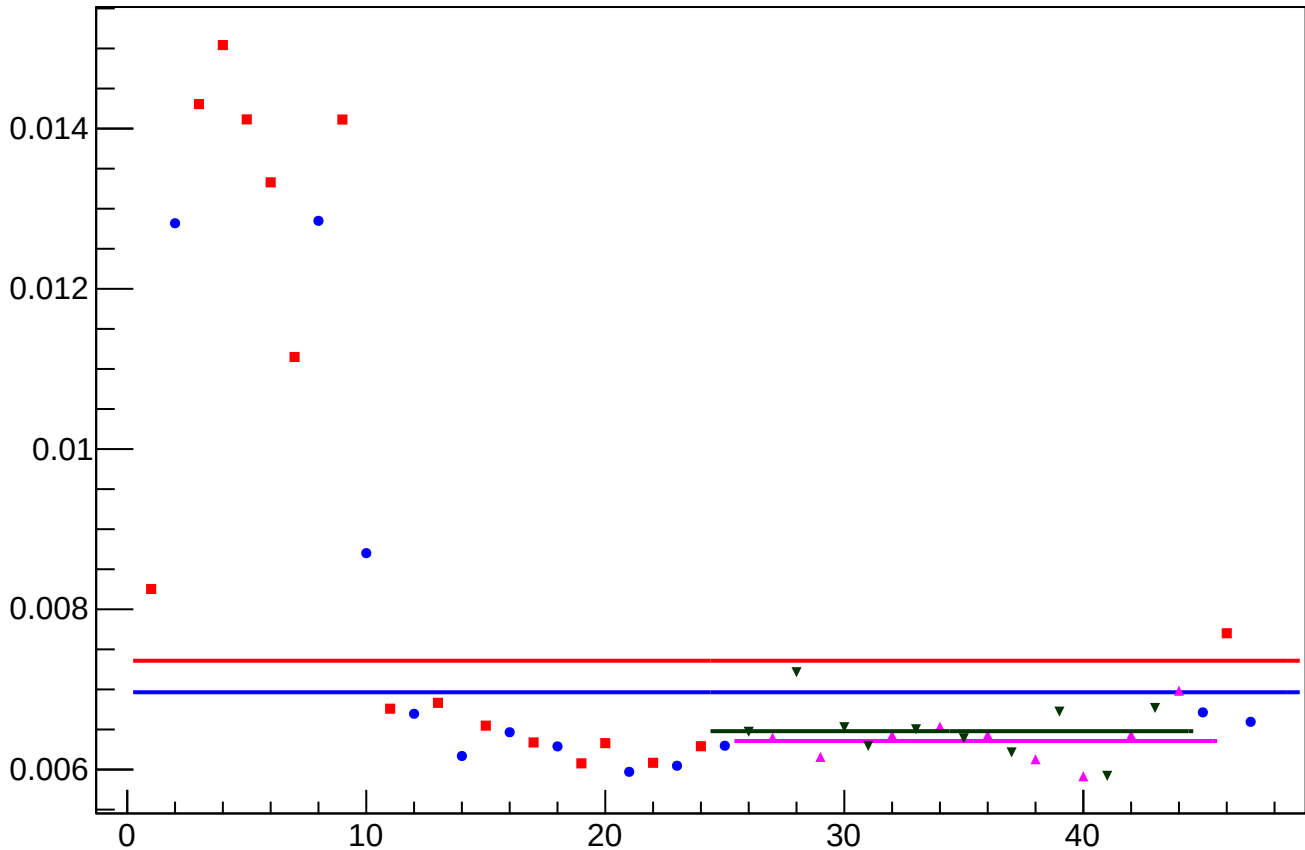
Left Out: 1.591+/-0.000 χ^2/NDF : 6915023790.1/9

1.582+/-0.000 χ^2/NDF : 50892174837.2/46

Right Out: 1.534+/-0.000 χ^2/NDF : 20896585502.2/15

Left In: 1.581+/-0.000 χ^2/NDF : 6756144675.8/8

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 846372.5/11

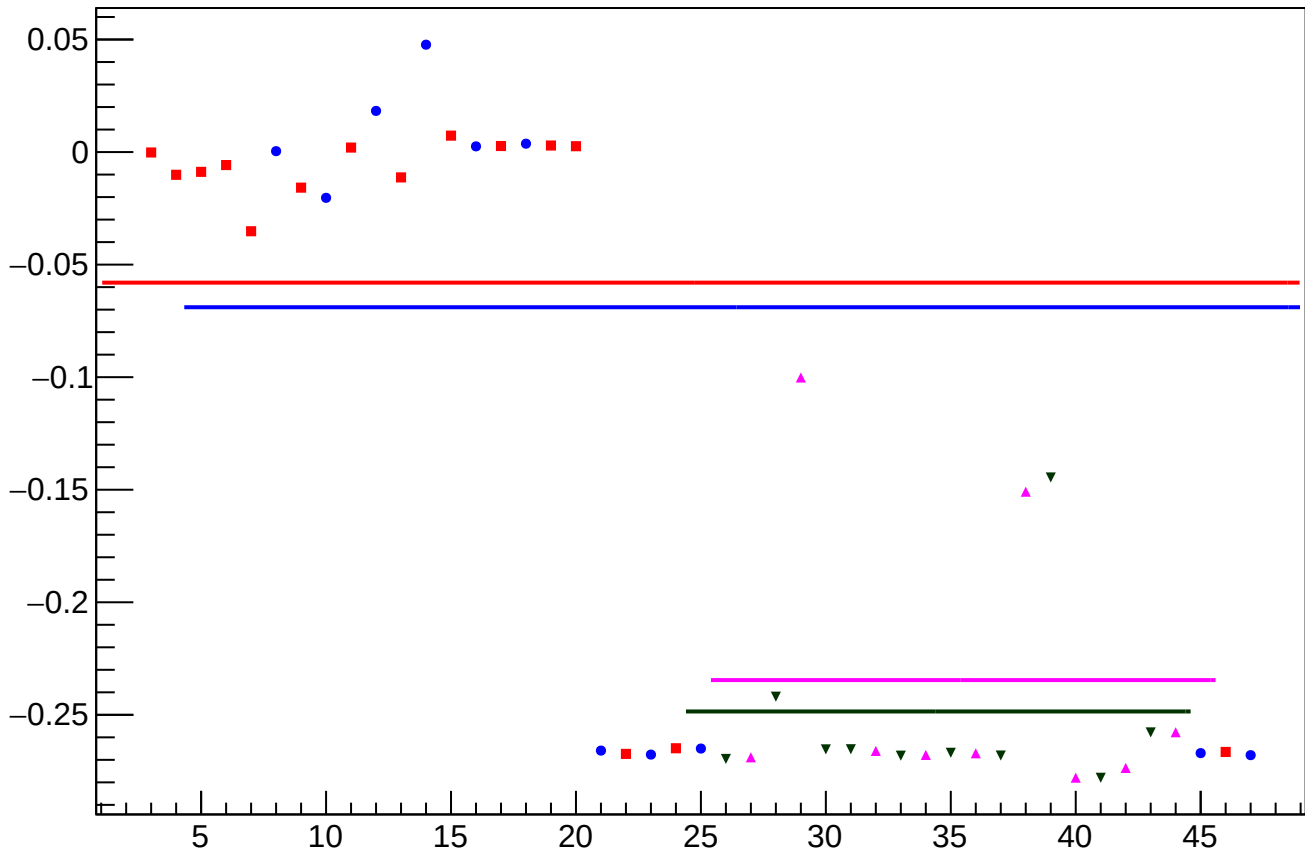
Left Out: 0.006+/-0.000 χ^2/NDF :27614.9/9

0.007+/-0.000 χ^2/NDF : 2250713.6/46

Right Out: 0.007+/-0.000 χ^2/NDF : 1206570.0/15

Left In: 0.006+/-0.000 χ^2/NDF :17003.9/8

yield_bpm16X_mean vs slug



Right In: -0.069+/-0.000 χ^2/NDF : 3815341882.8/10

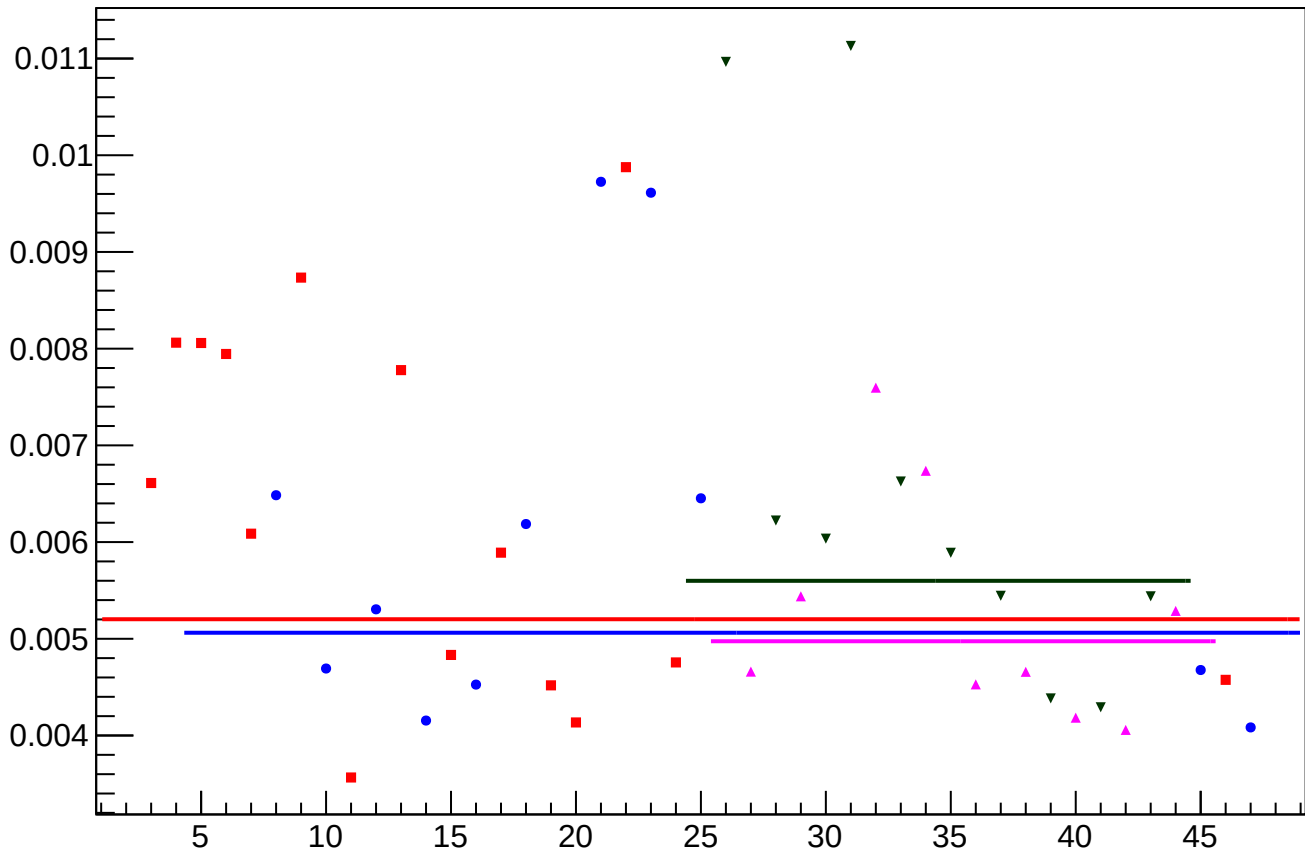
Left Out: -0.249+/-0.000 χ^2/NDF : 259520156.5/9

Right Out: -0.058+/-0.000 χ^2/NDF : 2551820377.6/14

Left In: -0.235+/-0.000 χ^2/NDF : 786943875.1/8

-0.140+/-0.000 χ^2/NDF : 13360799140.4/44

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 771982.4/10

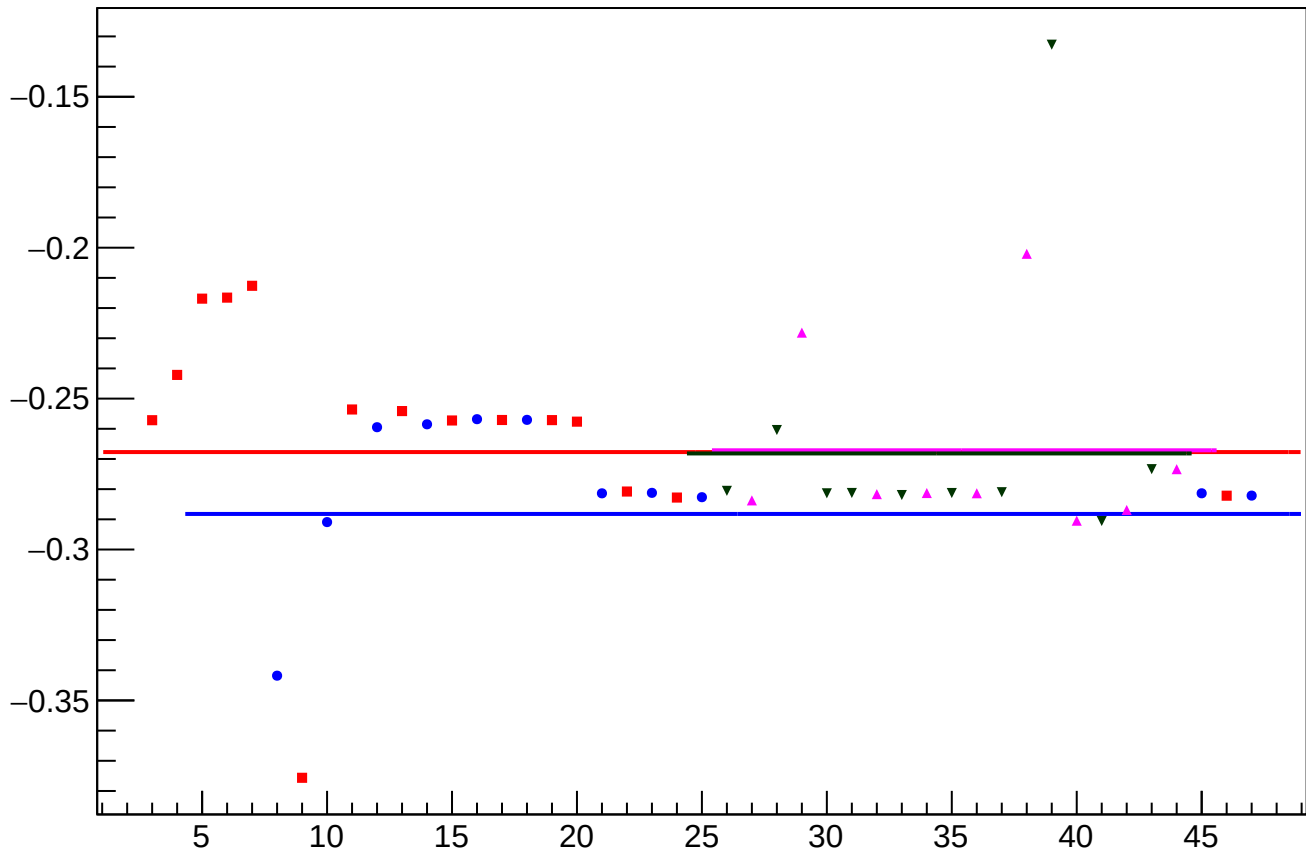
Left Out: 0.006+/-0.000 χ^2/NDF : 602668.6/9

0.005+/-0.000 χ^2/NDF : 3031494.1/44

Right Out: 0.005+/-0.000 χ^2/NDF : 1221922.3/14

Left In: 0.005+/-0.000 χ^2/NDF : 363318.6/8

yield_bpm16Y_mean vs slug



Right In: -0.288+/-0.000 χ^2/NDF : 954756710.3/10

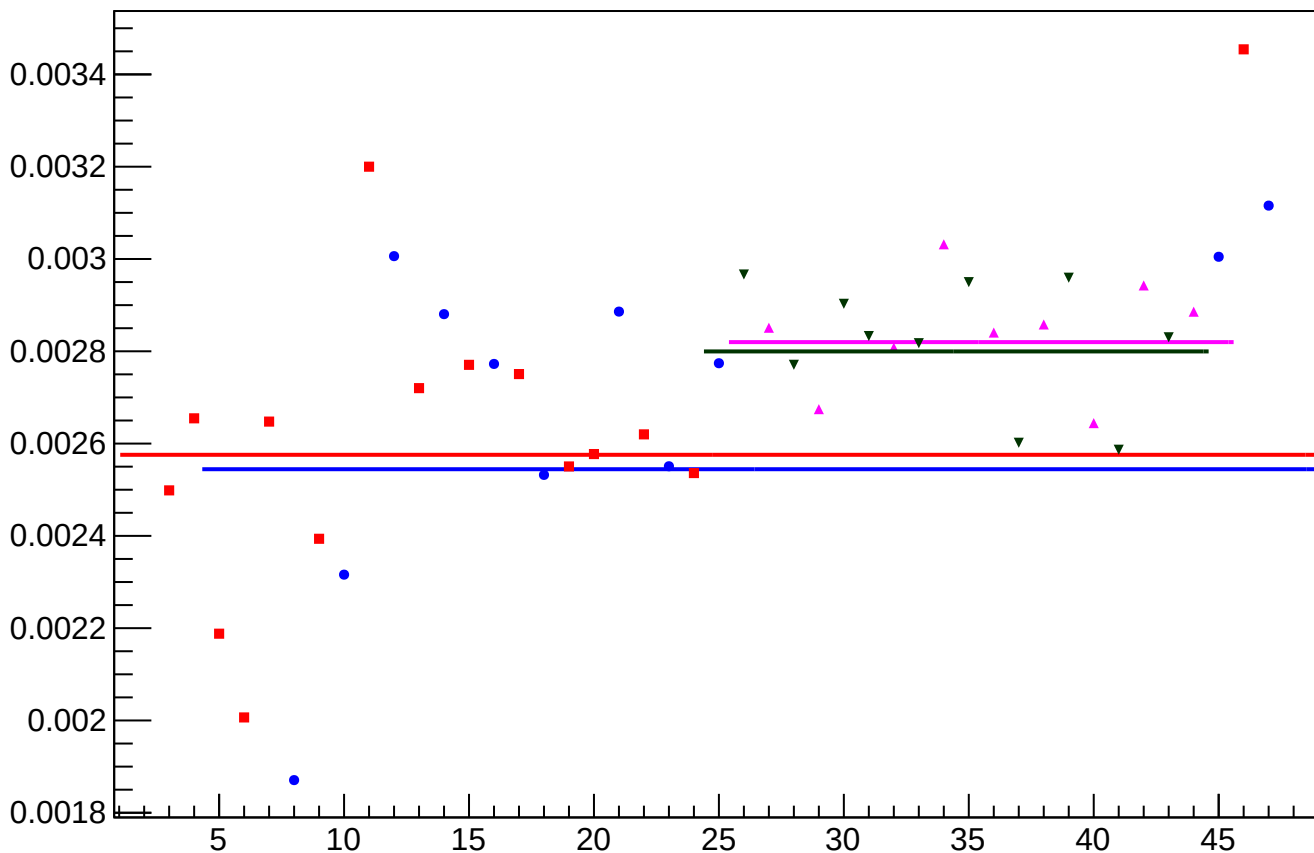
Left Out: -0.268+/-0.000 χ^2/NDF : 960541280.3/9

-0.274+/-0.000 χ^2/NDF : 4819749126.2/44

Right Out: -0.268+/-0.000 χ^2/NDF : 2058183522.0/14

Left In: -0.267+/-0.000 χ^2/NDF : 554012082.4/8

yield_bpm16Y_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 358867.8/10

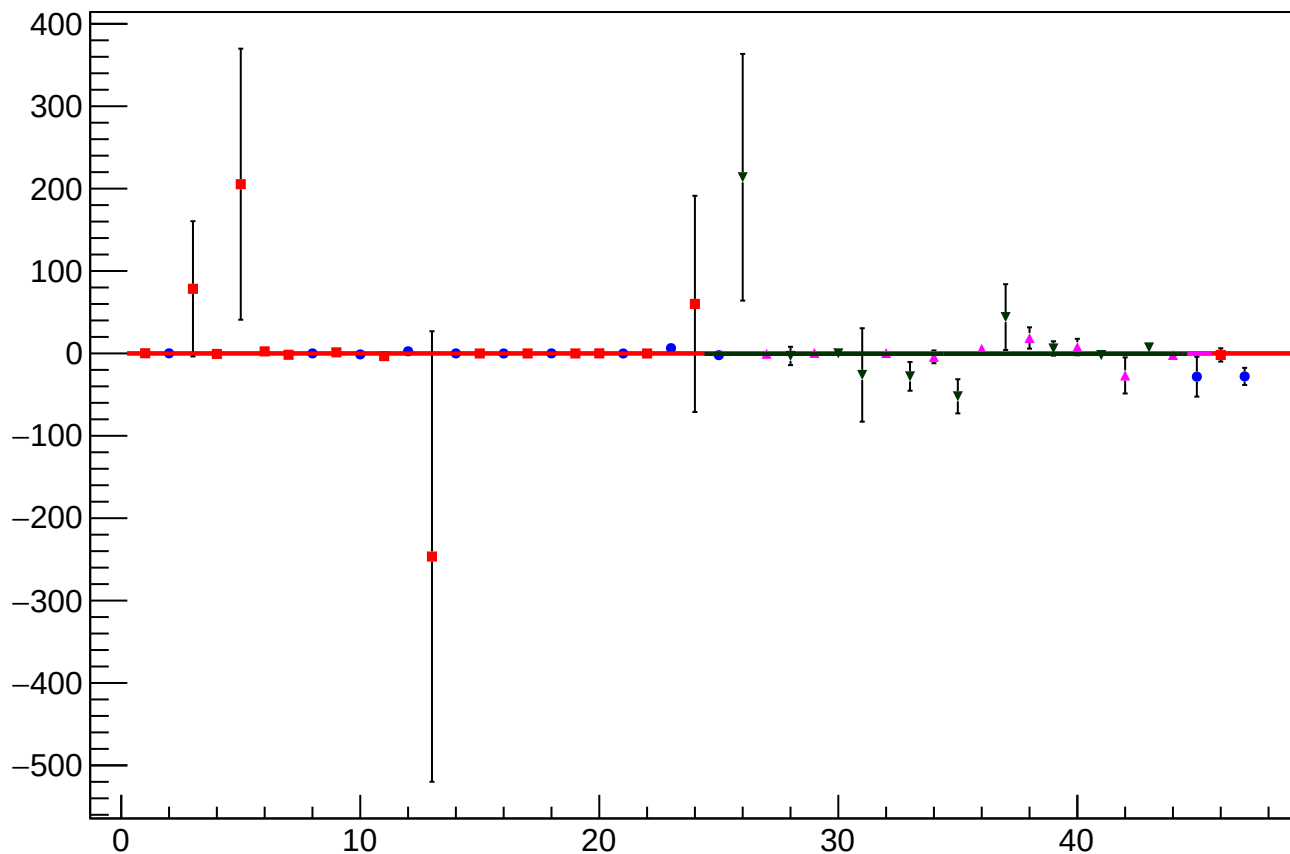
Left Out: 0.003+/-0.000 χ^2/NDF : 23634.3/9

0.003+/-0.000 χ^2/NDF : 728085.8/44

Right Out: 0.003+/-0.000 χ^2/NDF : 228987.9/14

Left In: 0.003+/-0.000 χ^2/NDF : 16390.9/8

diff_cav4bX_mean vs slug



Right In: -0.008 ± 0.015 χ^2/NDF : 26.4/11

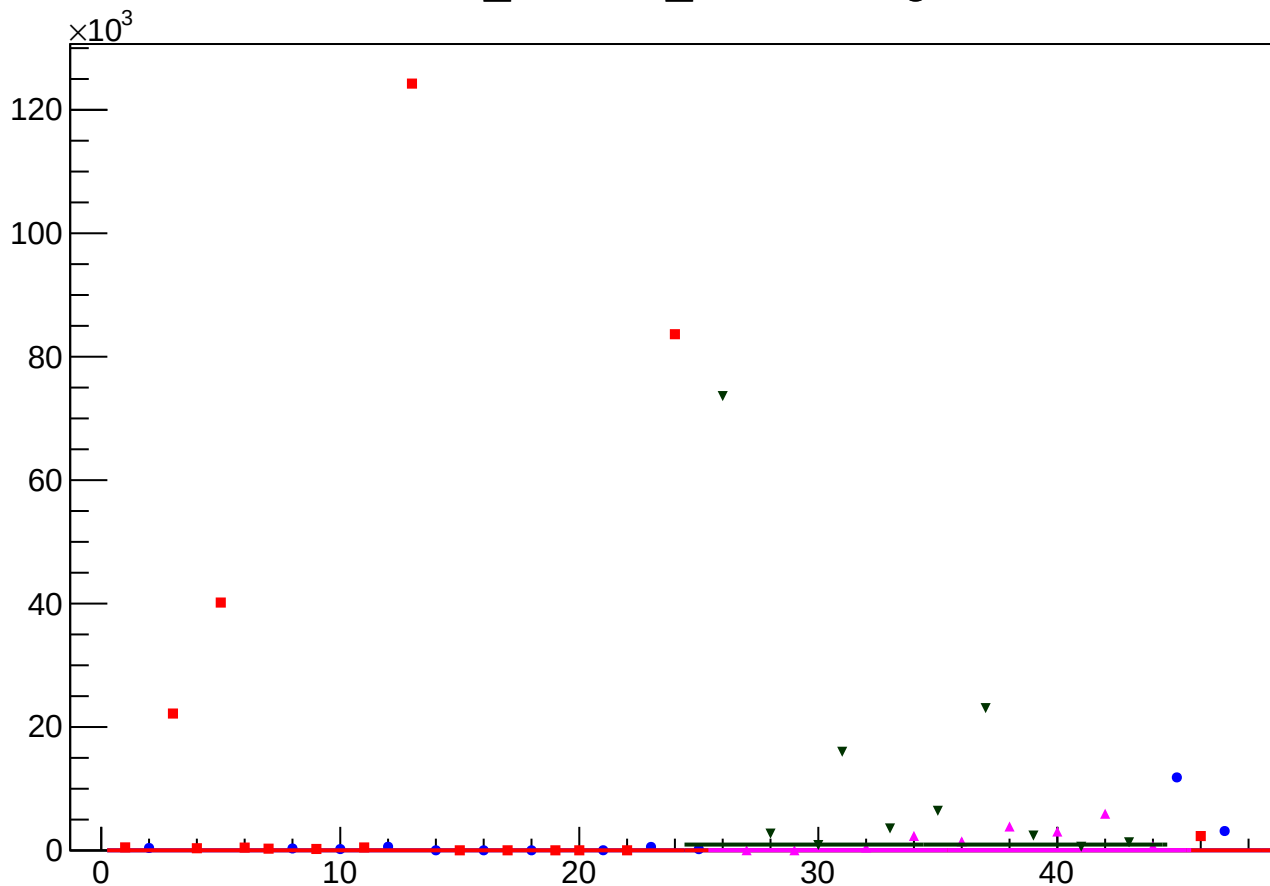
Left Out: -0.739 ± 1.551 χ^2/NDF : 15.8/9

Right Out: -0.019 ± 0.017 χ^2/NDF : 22.0/15

Left In: 0.085 ± 0.168 χ^2/NDF : 15.7/8

-0.013 ± 0.011 χ^2/NDF : 80.7/46

diff_cav4bX_rms vs slug



Right In: 22.466 ± 0.011 $\chi^2/\text{NDF}: 1421207.4/11$

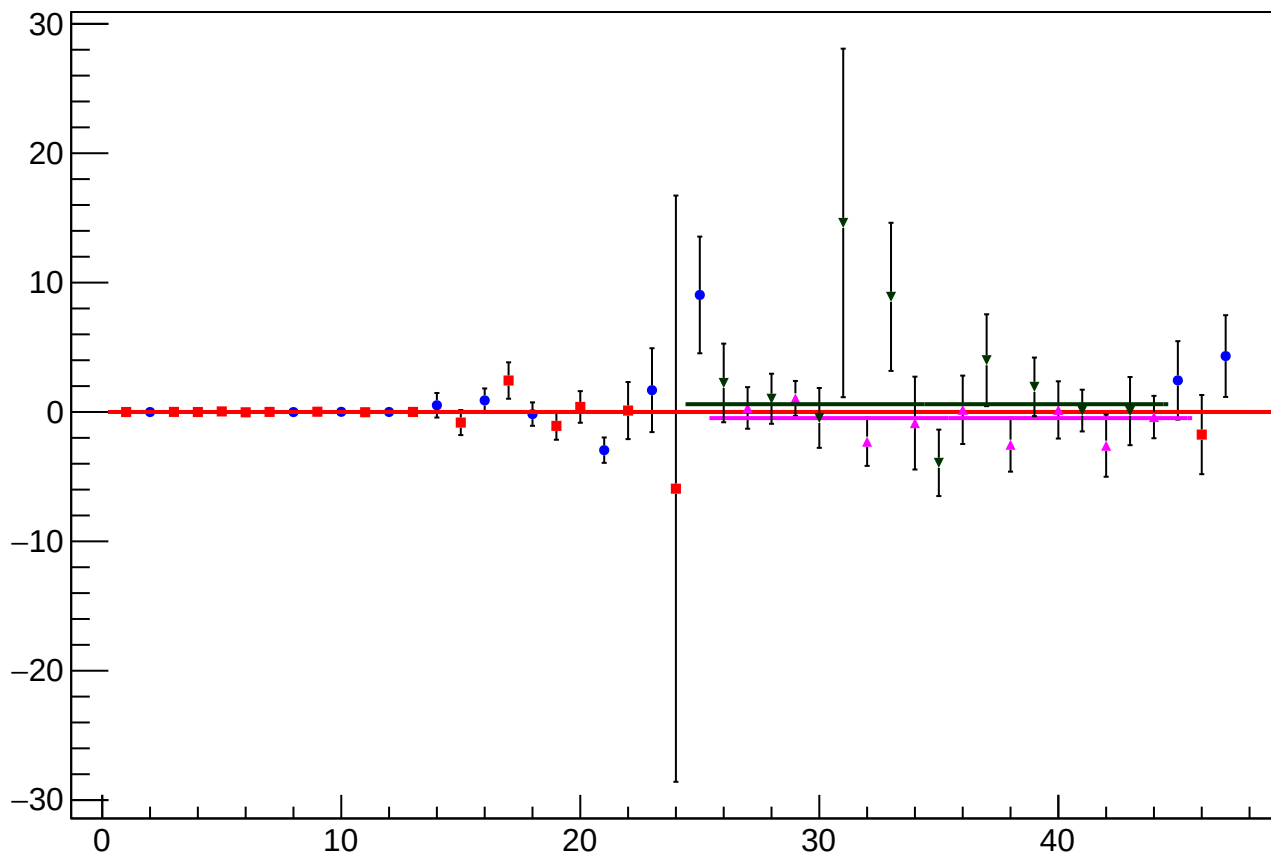
Left Out: 952.852 ± 1.097 $\chi^2/\text{NDF}: 1588574.2/9$

Right Out: 22.875 ± 0.012 $\chi^2/\text{NDF}: 2254437.7/15$

Left In: 61.509 ± 0.119 $\chi^2/\text{NDF}: 1573017.7/8$

22.873 ± 0.008 $\chi^2/\text{NDF}: 7663084.4/46$

diff_cav4bY_mean vs slug



Right In: 0.000 ± 0.006 $\chi^2/\text{NDF}: 18.8/11$

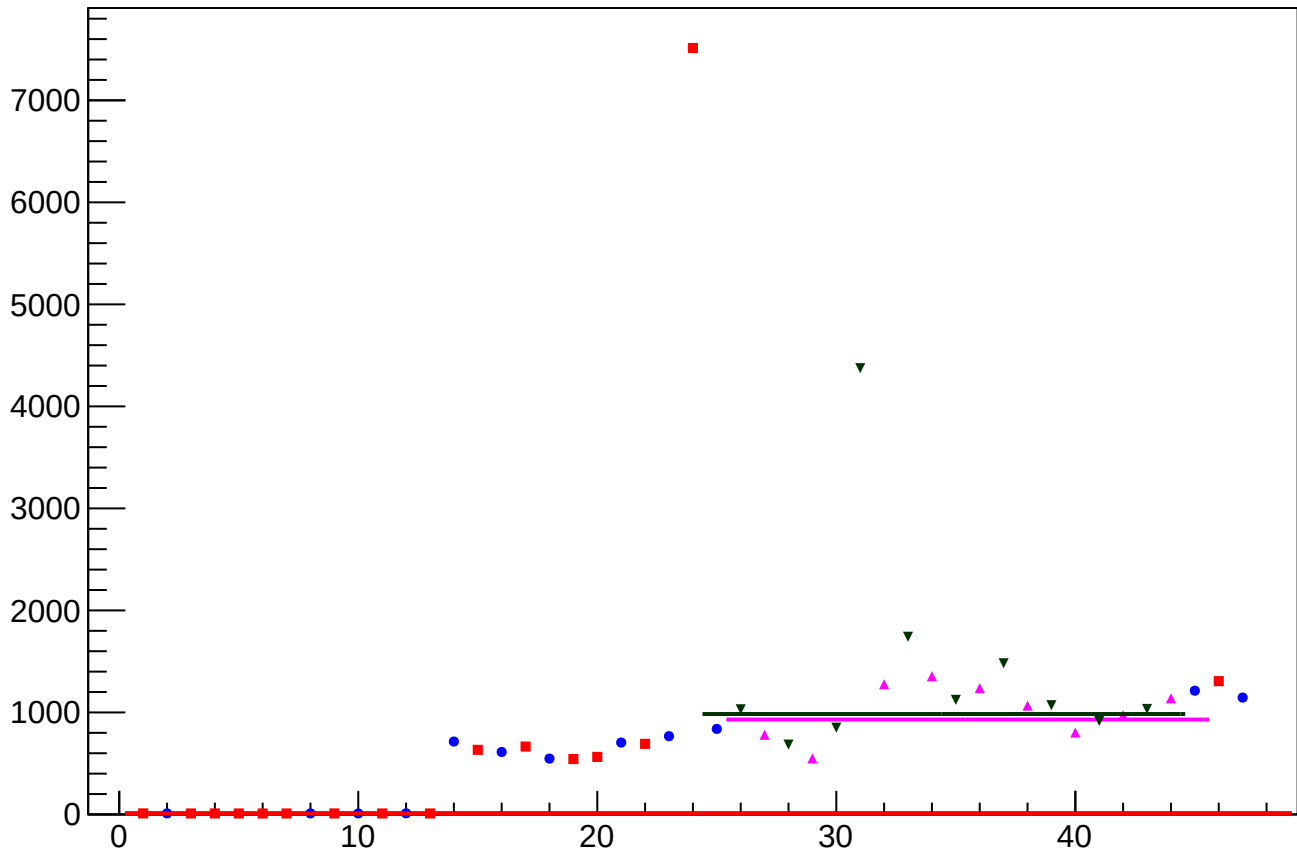
Left Out: 0.601 ± 0.803 $\chi^2/\text{NDF}: 8.3/9$

Right Out: -0.002 ± 0.005 $\chi^2/\text{NDF}: 17.7/15$

Left In: -0.474 ± 0.642 $\chi^2/\text{NDF}: 4.4/8$

-0.001 ± 0.004 $\chi^2/\text{NDF}: 50.3/46$

diff_cav4bY_rms vs slug



Right In: 10.606+/-0.004 χ^2/NDF : 4413595.9/11

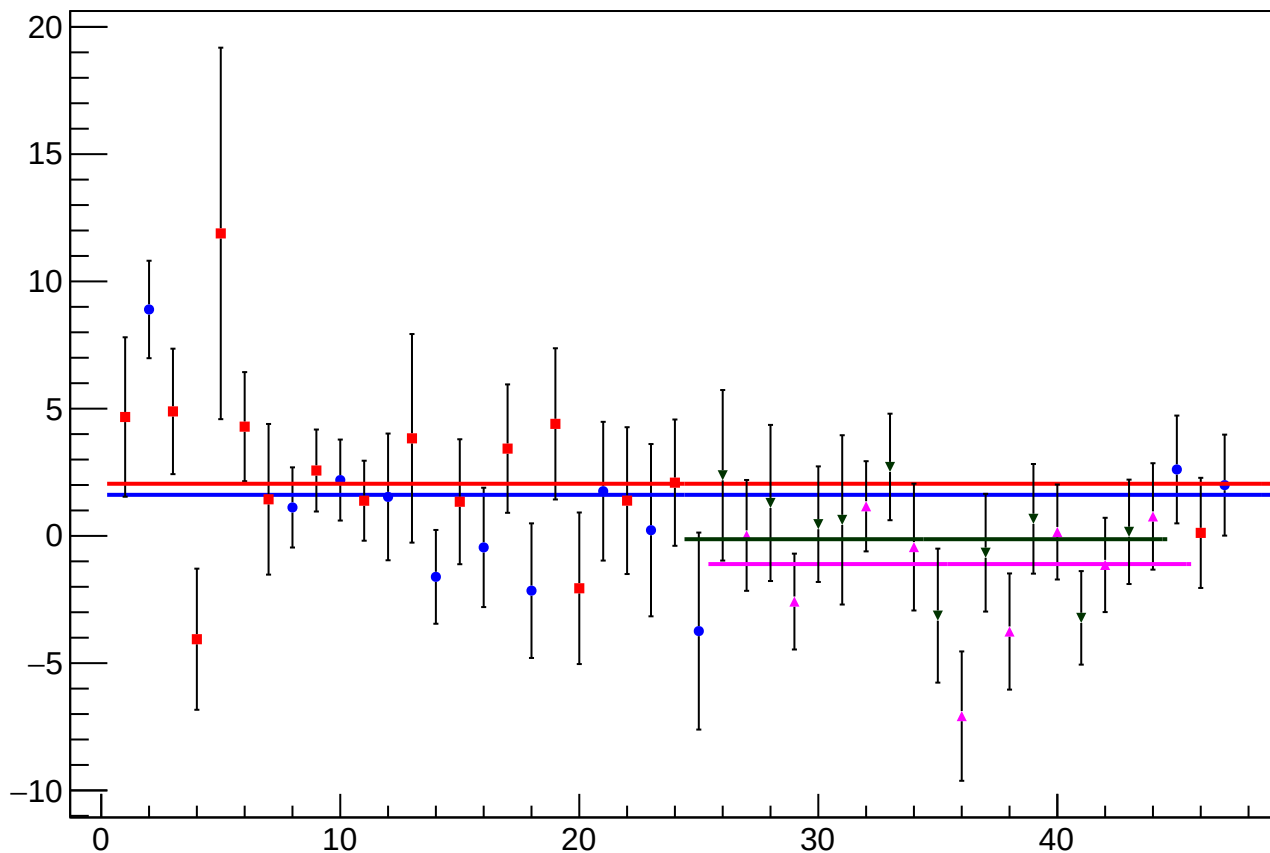
Left Out: 984.448+/-0.567 χ^2/NDF : 269152.2/9

10.281+/-0.003 χ^2/NDF : 15046937.7/46

Right Out: 9.967+/-0.003 χ^2/NDF : 2949012.1/15

Left In: 930.041+/-0.454 χ^2/NDF : 348842.9/8

diff_cav4cX_mean vs slug



Right In: 1.614 ± 0.618 $\chi^2/\text{NDF}: 22.9/11$

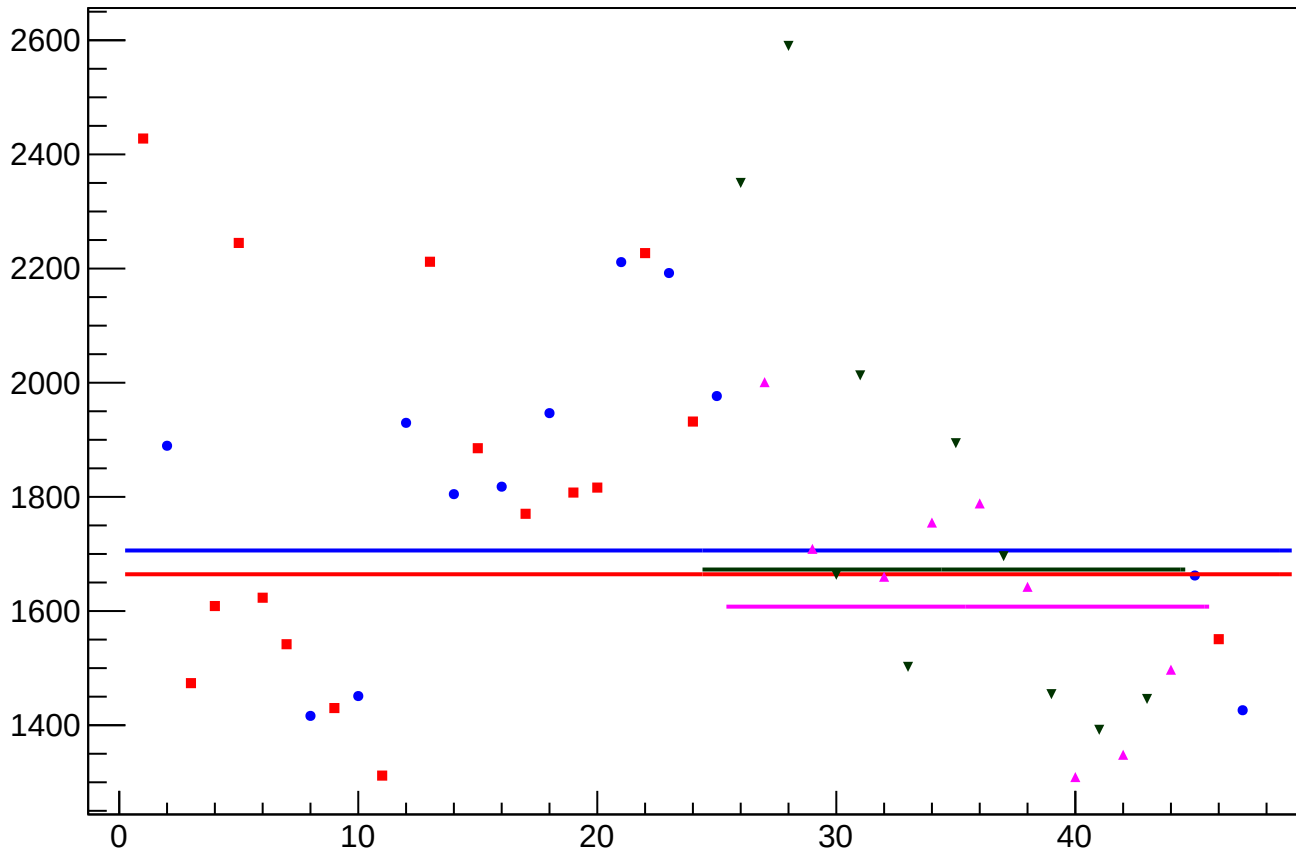
Left Out: -0.130 ± 0.748 $\chi^2/\text{NDF}: 7.1/9$

Right Out: 2.049 ± 0.615 $\chi^2/\text{NDF}: 14.1/15$

Left In: -1.107 ± 0.686 $\chi^2/\text{NDF}: 10.7/8$

0.769 ± 0.330 $\chi^2/\text{NDF}: 69.9/46$

diff_cav4cX_rms vs slug



Right In: 1706.103+/-0.437 χ^2/NDF : 340807.6/11

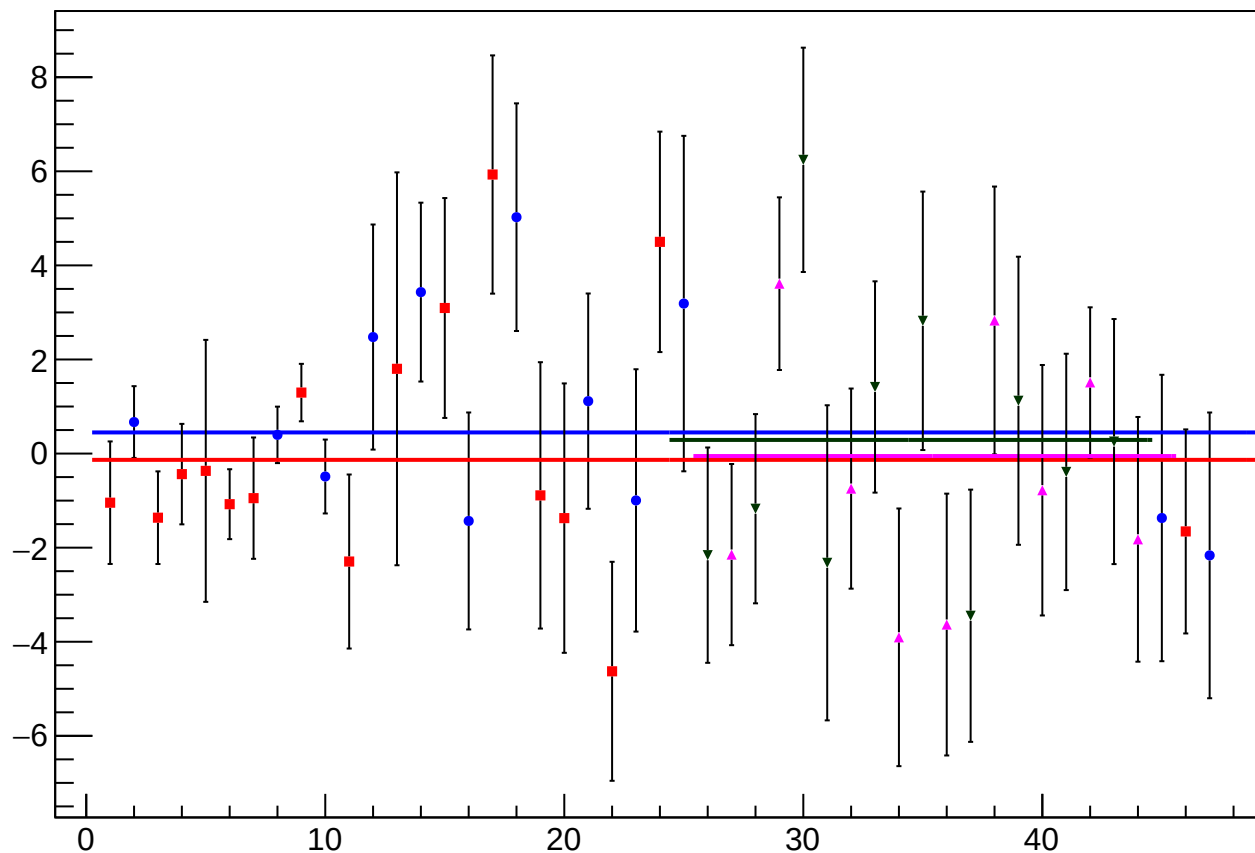
Left Out: 1672.764+/-0.529 χ^2/NDF : 400876.3/9

Right Out: 1664.436+/-0.435 χ^2/NDF : 461586.1/15

Left In: 1607.719+/-0.485 χ^2/NDF : 186347.4/8

1664.801+/-0.233 χ^2/NDF : 1412632.3/46

diff_cav4cY_mean vs slug



Right In: 0.449 $\pm$ 0.364 χ^2 /NDF: 11.0/11

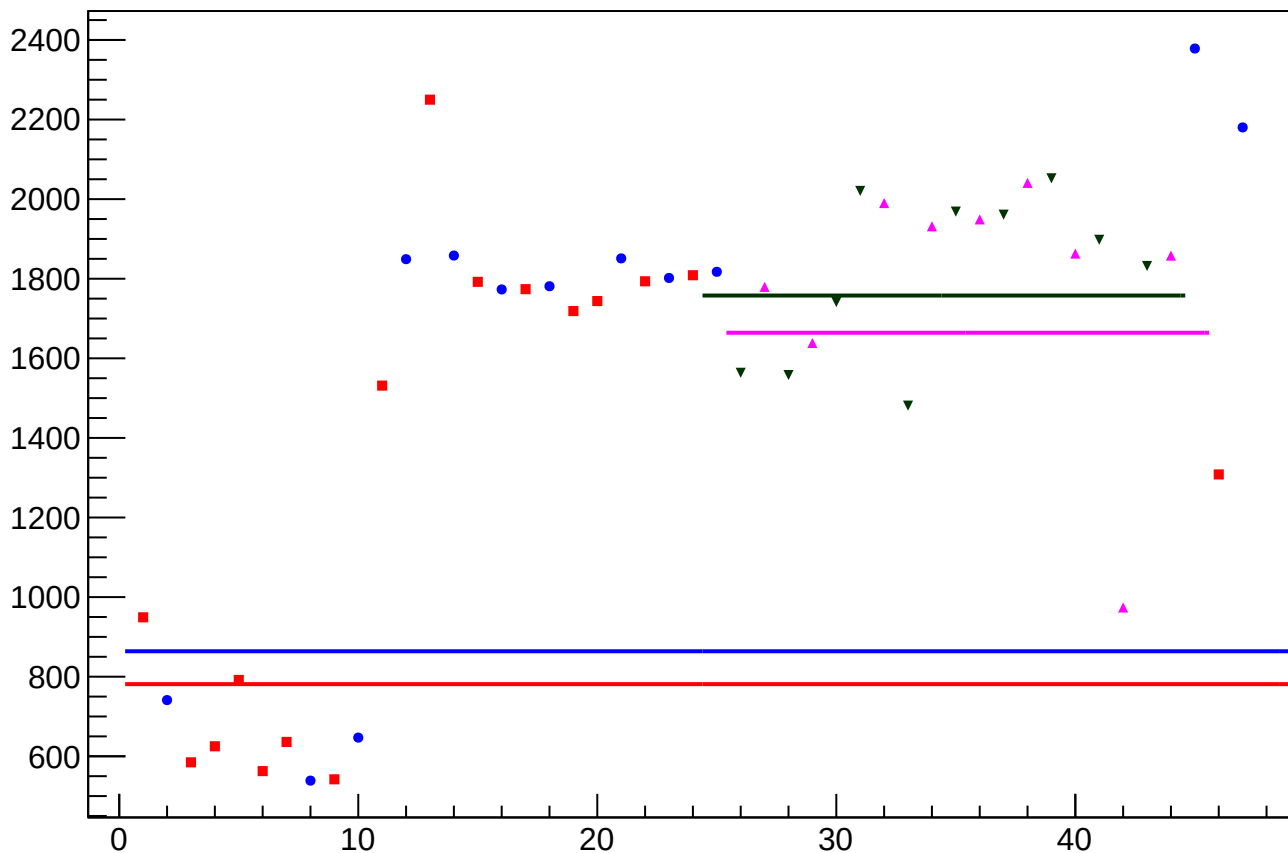
Left Out: 0.290 $\pm$ 0.794 χ^2 /NDF: 11.7/9

Right Out: -0.134 $\pm$ 0.329 χ^2 /NDF: 27.2/15

Left In: -0.052 $\pm$ 0.734 χ^2 /NDF: 11.4/8

0.124 $\pm$ 0.222 χ^2 /NDF: 62.9/46

diff_cav4cY_rms vs slug



Right In: 863.907 $\pm$ 0.257 χ^2 /NDF: 3888970.9/11

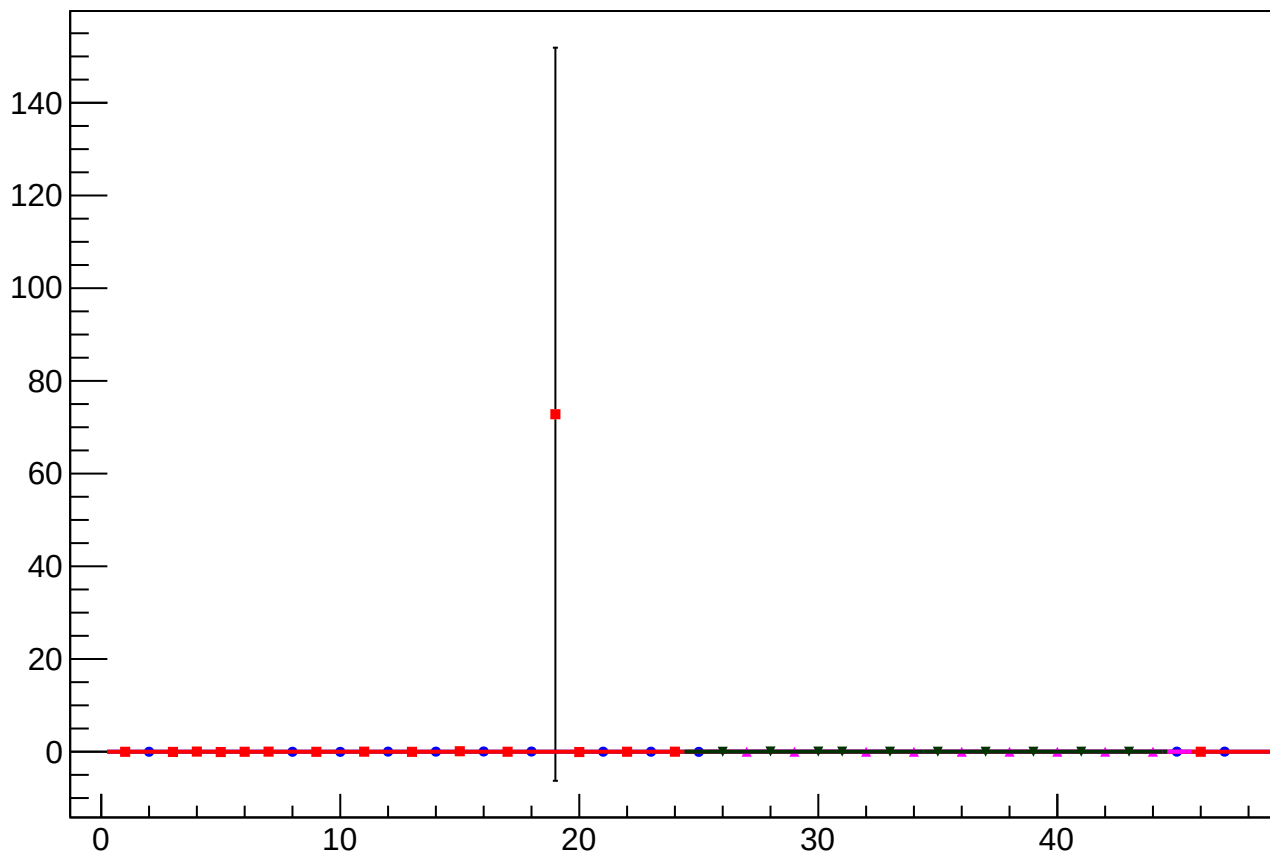
Left Out: 1757.817 $\pm$ 0.562 χ^2 /NDF:126542.7/9

969.707 $\pm$ 0.157 χ^2 /NDF: 12371839.4/46

Right Out: 781.288 $\pm$ 0.233 χ^2 /NDF: 3245322.1/15

Left In: 1664.274 $\pm$ 0.519 χ^2 /NDF:526261.8/8

diff_cav4dX_mean vs slug



Right In: 0.002 $\pm$ 0.006 χ^2 /NDF: 9.8/11

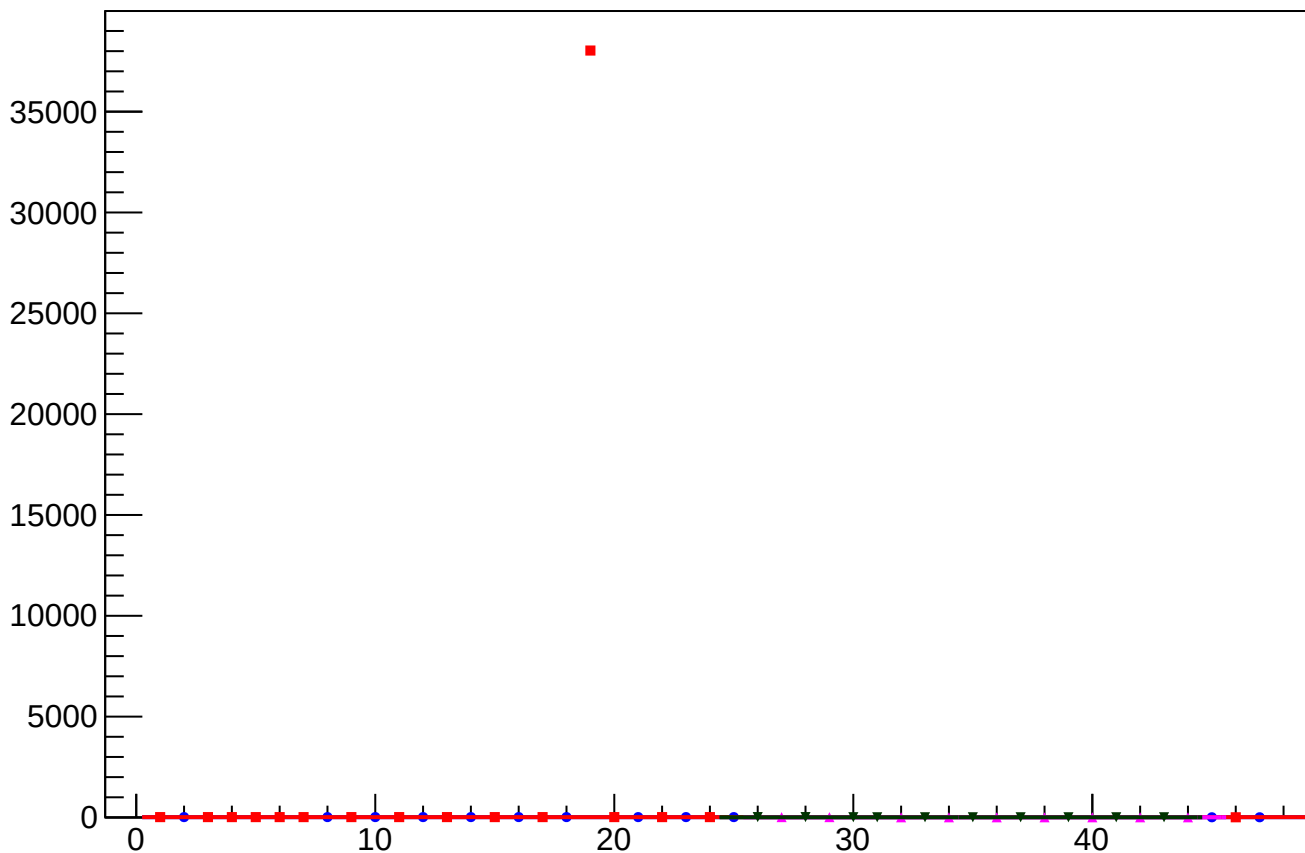
Left Out: 0.000 $\pm$ 0.004 χ^2 /NDF: 8.9/9

Right Out: -0.009 $\pm$ 0.006 χ^2 /NDF: 10.9/15

Left In: 0.003 $\pm$ 0.004 χ^2 /NDF: 1.2/8

0.000 $\pm$ 0.002 χ^2 /NDF: 33.7/46

diff_cav4dX_rms vs slug



Right In: 13.634 $\pm$ 0.004 χ^2 /NDF: 1193309.5/11

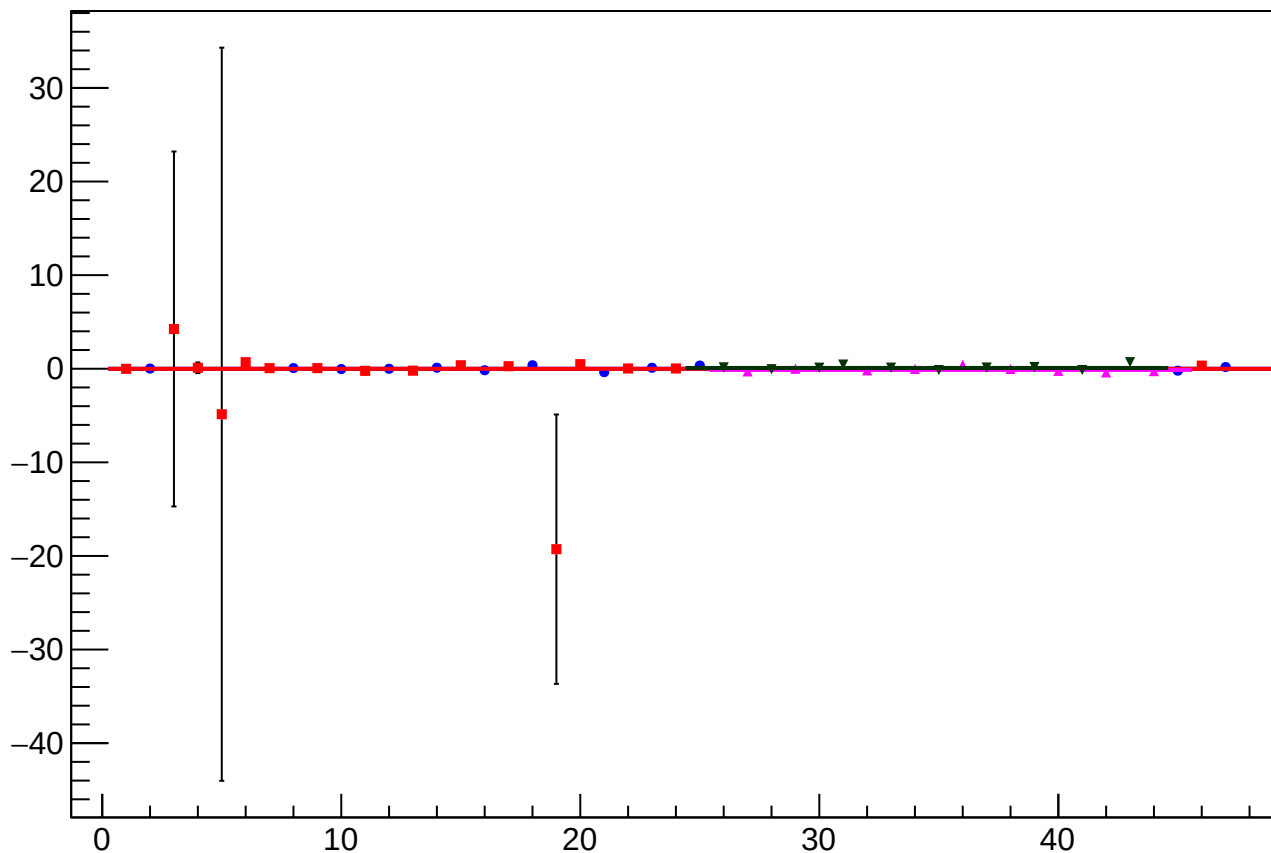
Left Out: 9.367 $\pm$ 0.003 χ^2 /NDF: 590012.0/9

Right Out: 15.395 $\pm$ 0.005 χ^2 /NDF: 1121770.2/15

Left In: 9.361 $\pm$ 0.003 χ^2 /NDF: 755354.4/8

11.027 $\pm$ 0.002 χ^2 /NDF: 5636775.3/46

diff_cav4dY_mean vs slug



Right In: -0.002 ± 0.003 χ^2/NDF : 17.3/11

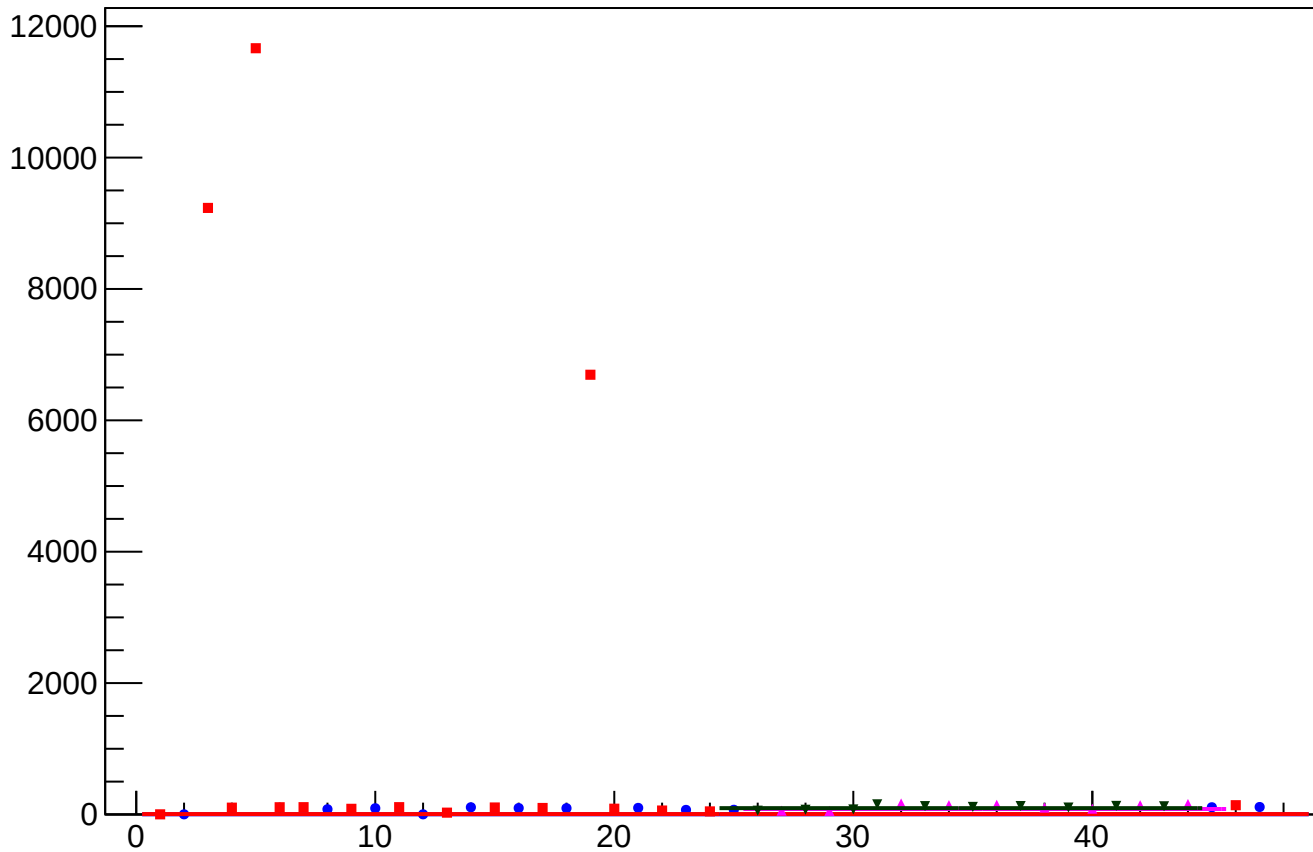
Left Out: 0.083 ± 0.059 χ^2/NDF : 11.4/9

Right Out: -0.008 ± 0.012 χ^2/NDF : 12.9/15

Left In: -0.126 ± 0.053 χ^2/NDF : 9.7/8

-0.002 ± 0.003 χ^2/NDF : 59.0/46

diff_cav4dY_rms vs slug



Right In: 2.154+/-0.002 χ^2/NDF : 6661521.2/11

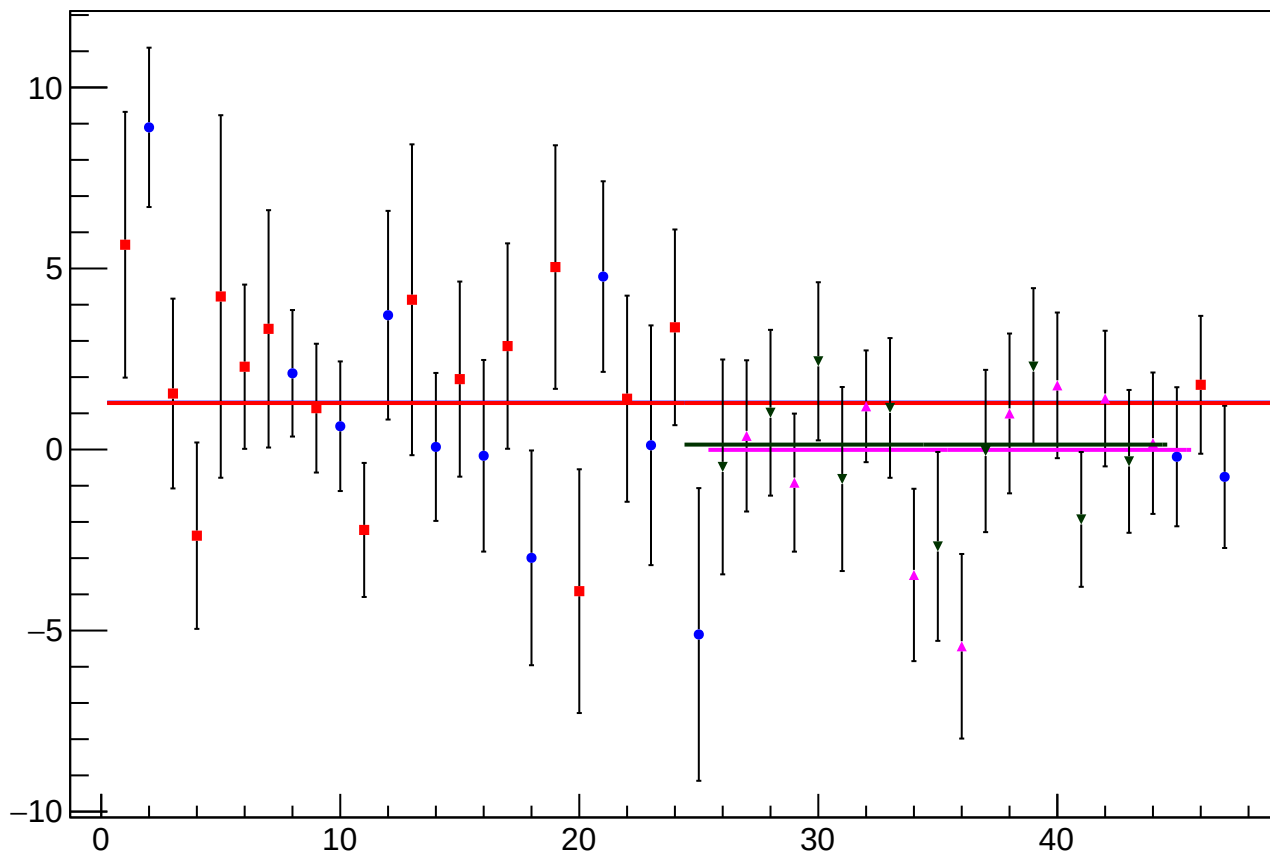
Left Out: 96.008+/-0.042 χ^2/NDF : 447968.4/9

2.832+/-0.002 χ^2/NDF : 22984196.5/46

Right Out: 5.720+/-0.009 χ^2/NDF : 5110948.6/15

Left In: 82.932+/-0.038 χ^2/NDF : 1078957.9/8

diff_bpm4aX_mean vs slug



Right In: 1.295 ± 0.661 $\chi^2/\text{NDF}: 21.8/11$

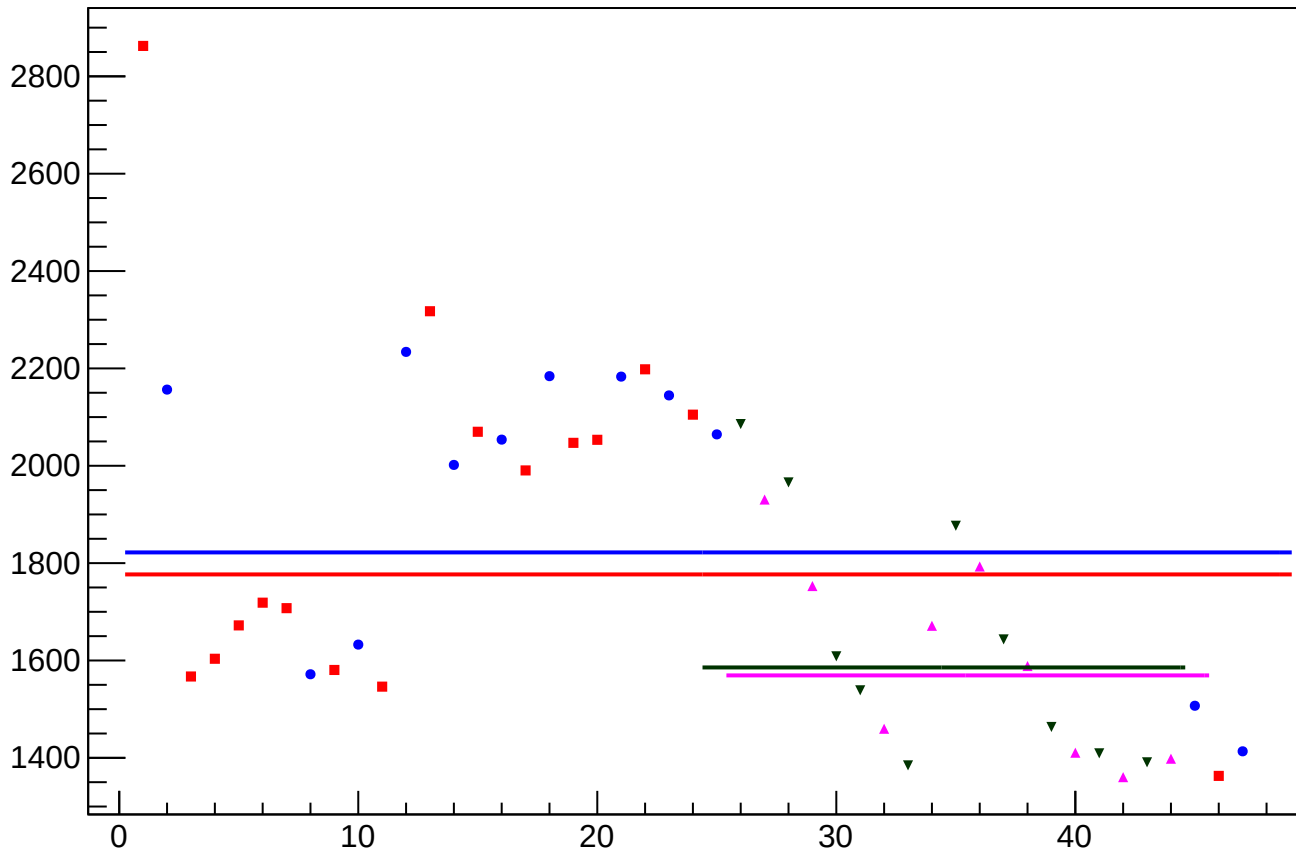
Left Out: 0.136 ± 0.700 $\chi^2/\text{NDF}: 5.2/9$

Right Out: 1.284 ± 0.654 $\chi^2/\text{NDF}: 13.1/15$

Left In: -0.010 ± 0.666 $\chi^2/\text{NDF}: 9.1/8$

0.697 ± 0.335 $\chi^2/\text{NDF}: 52.5/46$

diff_bpm4aX_rms vs slug



Right In: 1822.018 $\pm$ 0.467 χ^2 /NDF: 415273.3/11

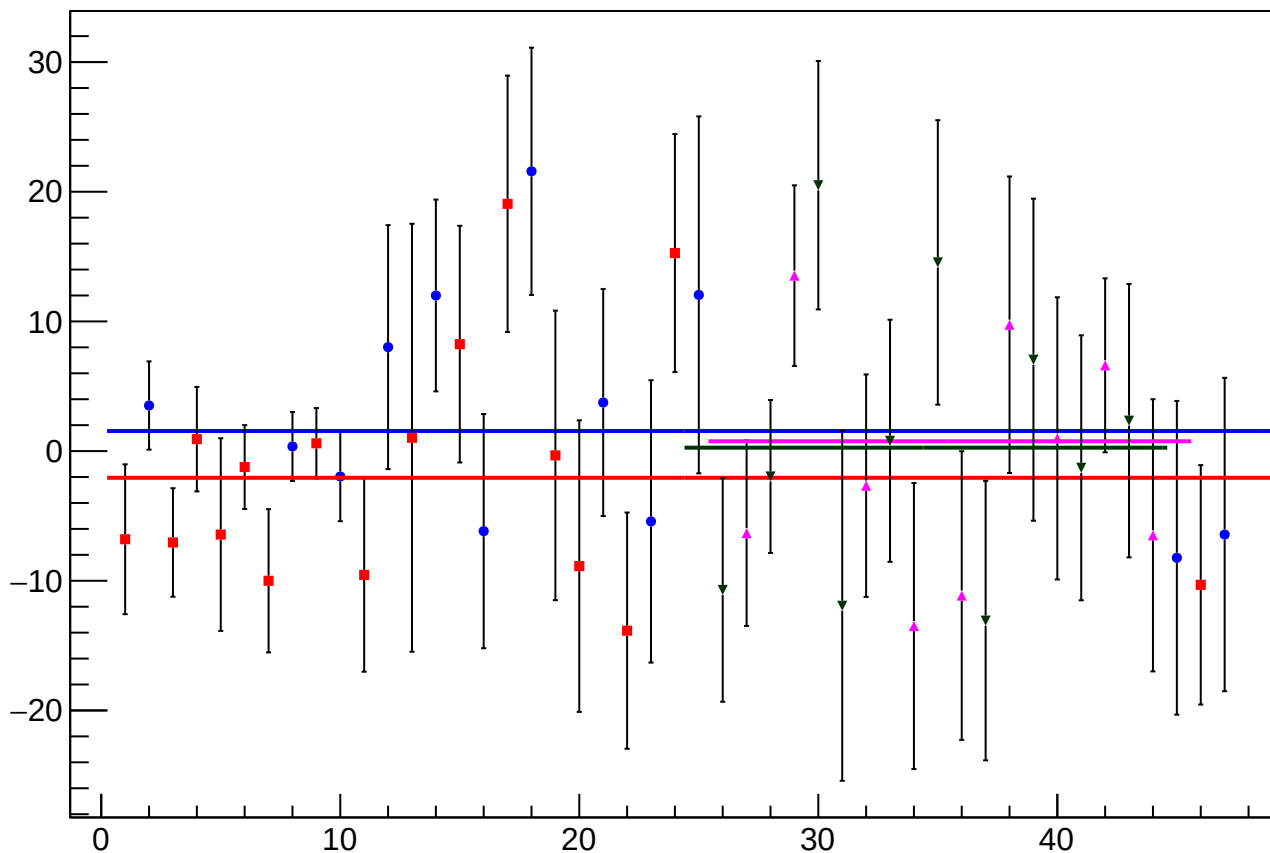
Left Out: 1585.705 $\pm$ 0.495 χ^2 /NDF: 204665.3/9

Right Out: 1776.814 $\pm$ 0.463 χ^2 /NDF: 516309.4/15

Left In: 1569.368 $\pm$ 0.471 χ^2 /NDF: 160431.6/8

1692.244 $\pm$ 0.237 χ^2 /NDF: 1521649.1/46

diff_bpm4aY_mean vs slug



Right In: 1.551 ± 1.571 χ^2/NDF : 11.3/11

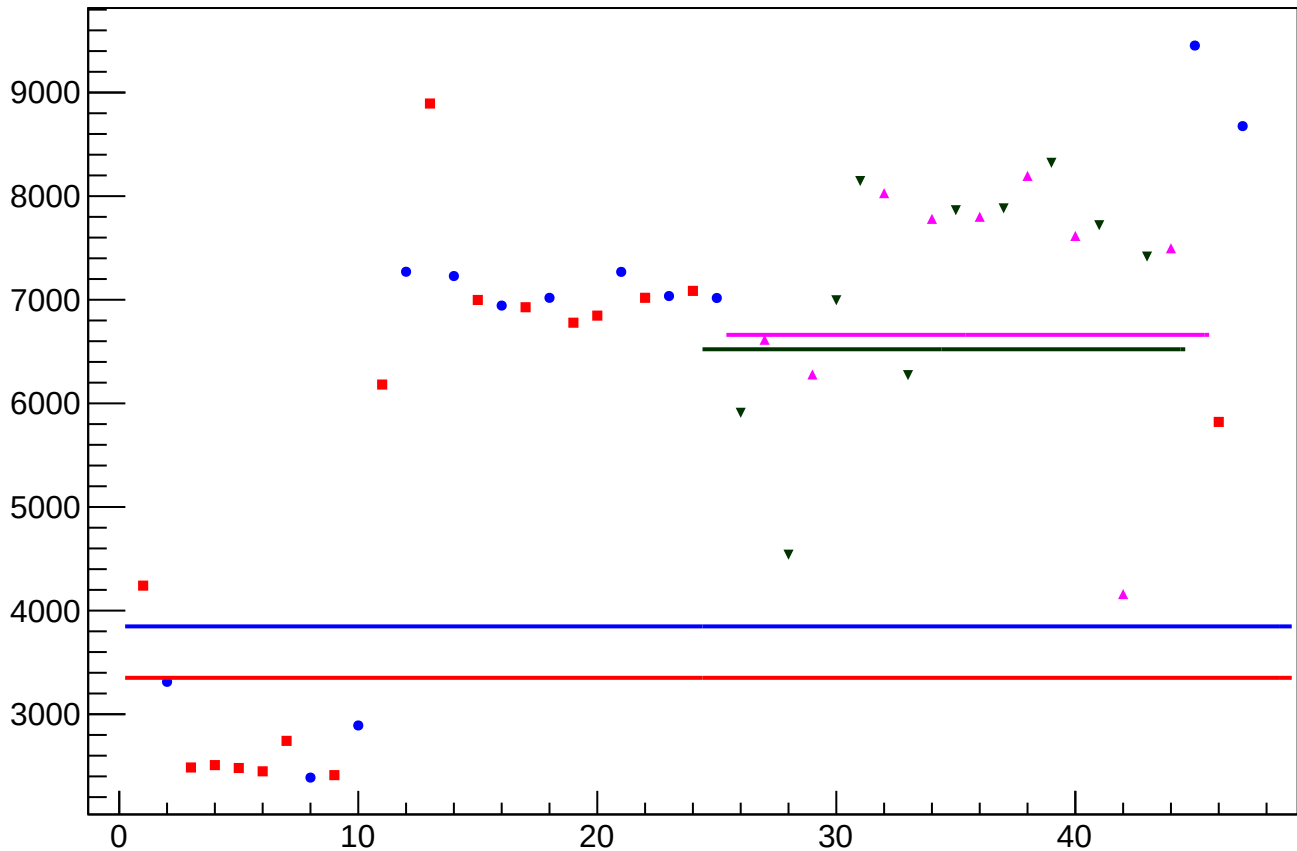
Left Out: 0.265 ± 2.987 χ^2/NDF : 10.6/9

Right Out: -2.057 ± 1.378 χ^2/NDF : 19.4/15

Left In: 0.758 ± 2.918 χ^2/NDF : 9.2/8

-0.289 ± 0.928 χ^2/NDF : 53.7/46

diff_bpm4aY_rms vs slug



Right In: 3847.647+/-1.111 χ^2/NDF : 3276873.6/11

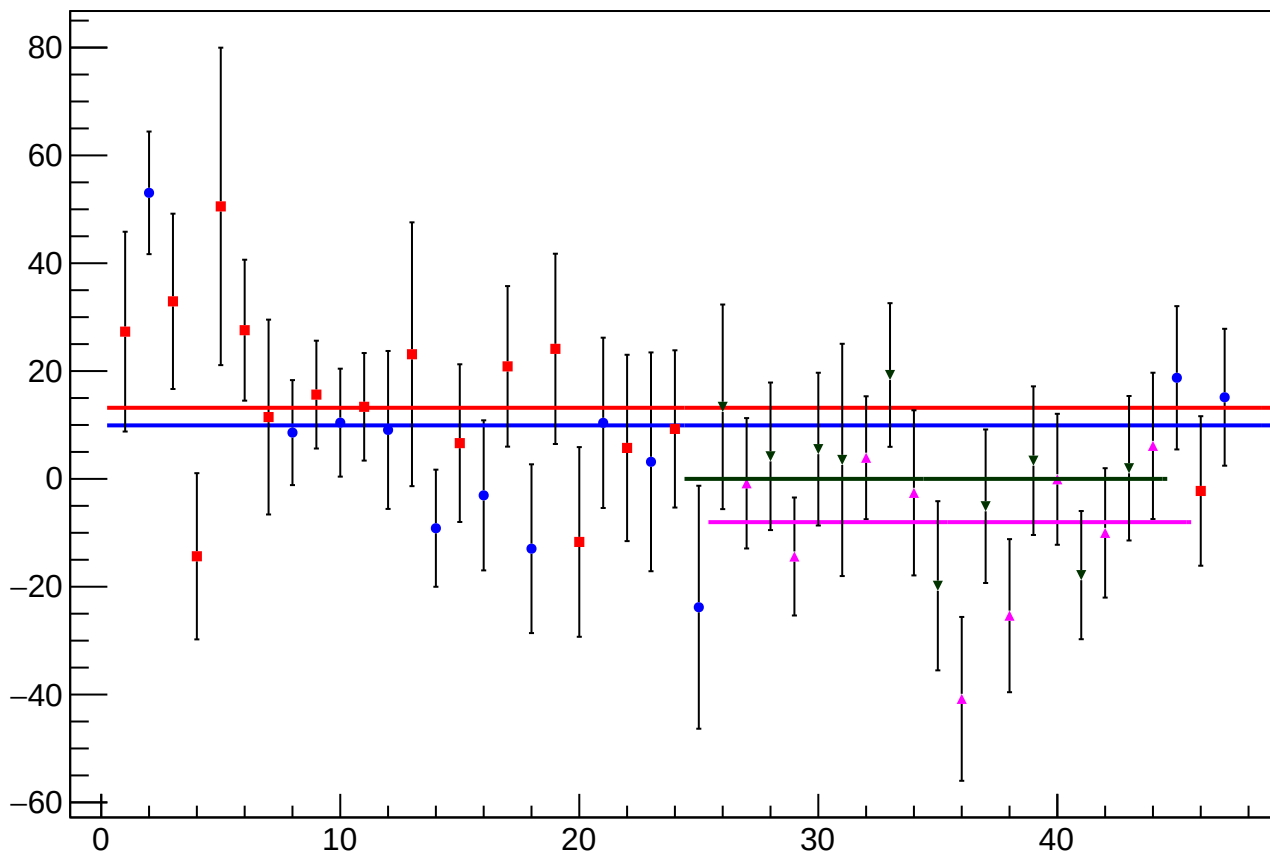
Left Out: 6522.149+/-2.112 χ^2/NDF : 417038.9/9

4165.333+/-0.656 χ^2/NDF : 10563922.6/46

Right Out: 3351.311+/-0.975 χ^2/NDF : 2941899.8/15

Left In: 6661.294+/-2.063 χ^2/NDF : 440653.4/8

diff_bpm4eX_mean vs slug



Right In: 9.924 ± 3.755 χ^2/NDF : 23.5/11

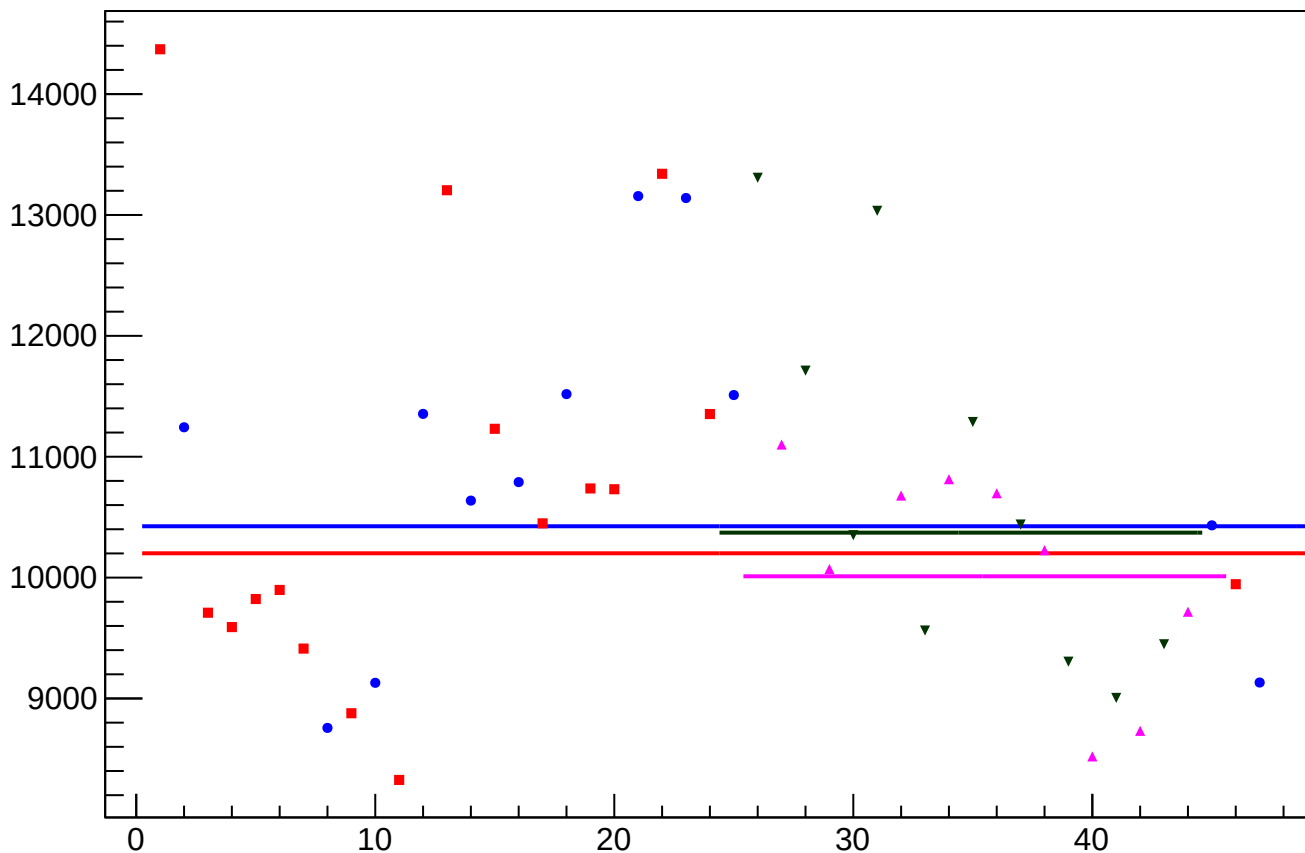
Left Out: 0.003 ± 4.574 χ^2/NDF : 6.9/9

Right Out: 13.188 ± 3.738 χ^2/NDF : 12.7/15

Left In: -8.023 ± 4.241 χ^2/NDF : 9.6/8

4.888 ± 2.017 χ^2/NDF : 69.8/46

diff_bpm4eX_rms vs slug



Right In: 10424.738+/-2.655 χ^2/NDF : 243531.6/11

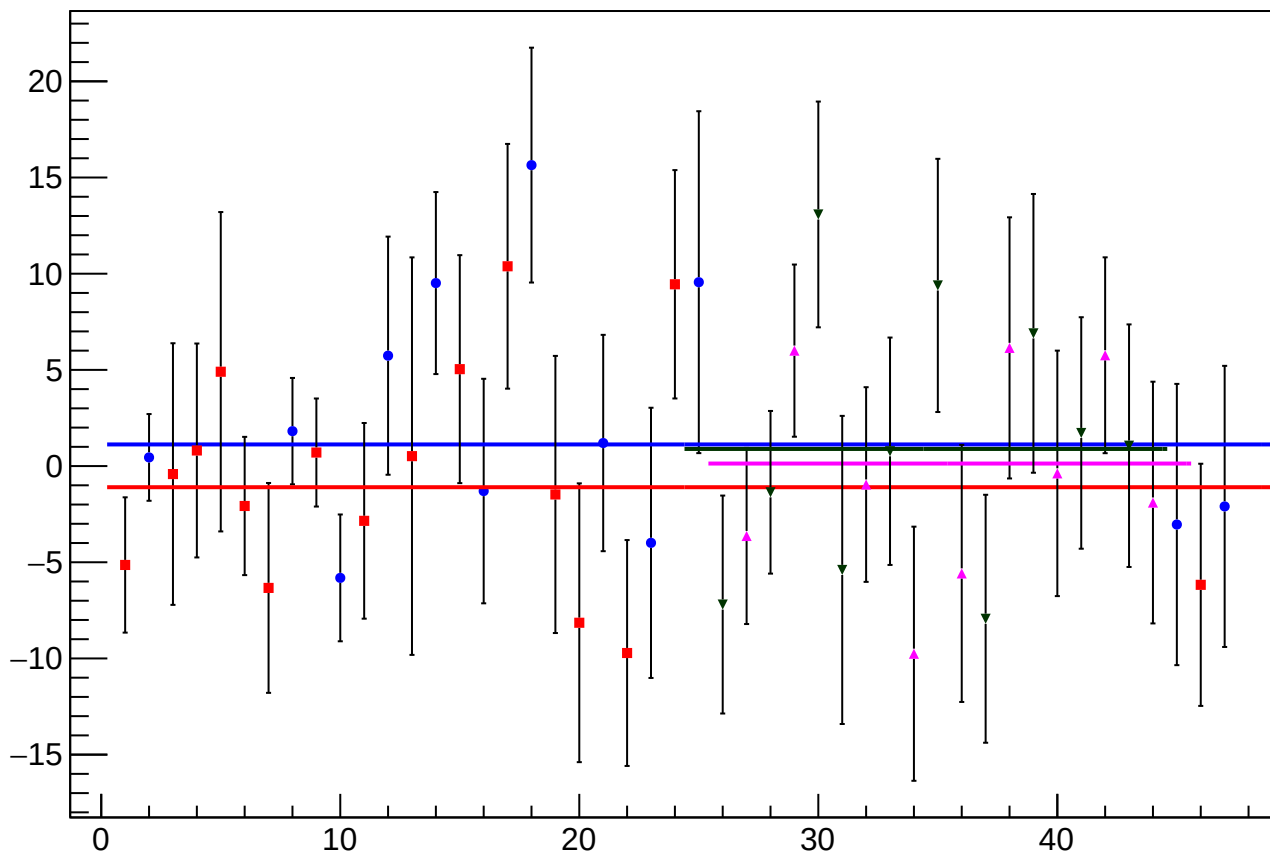
Left Out: 10371.917+/-3.234 χ^2/NDF :159833.9/9

Right Out: 10201.106+/-2.643 χ^2/NDF : 340637.7/15

Left In: 10010.878+/-2.999 χ^2/NDF :86966.5/8

10255.798+/-1.426 χ^2/NDF : 843405.0/46

diff_bpm4eY_mean vs slug



Right In: 1.125 ± 1.242 χ^2/NDF : 16.1/11

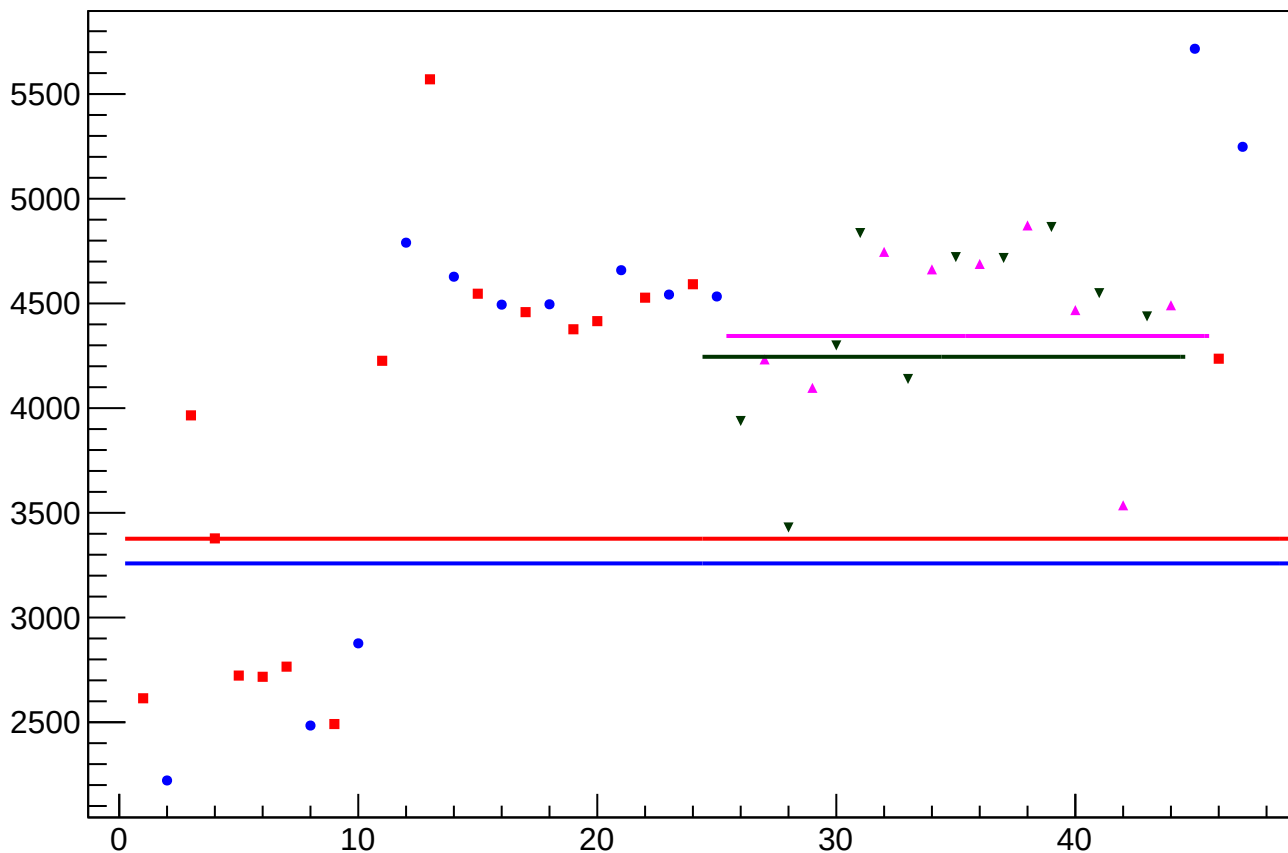
Left Out: 0.889 ± 1.892 χ^2/NDF : 11.5/9

Right Out: -1.099 ± 1.281 χ^2/NDF : 14.8/15

Left In: 0.131 ± 1.850 χ^2/NDF : 7.5/8

0.189 ± 0.739 χ^2/NDF : 51.6/46

diff_bpm4eY_rms vs slug



Right In: 3258.441+/-0.878 χ^2/NDF : 1674761.8/11

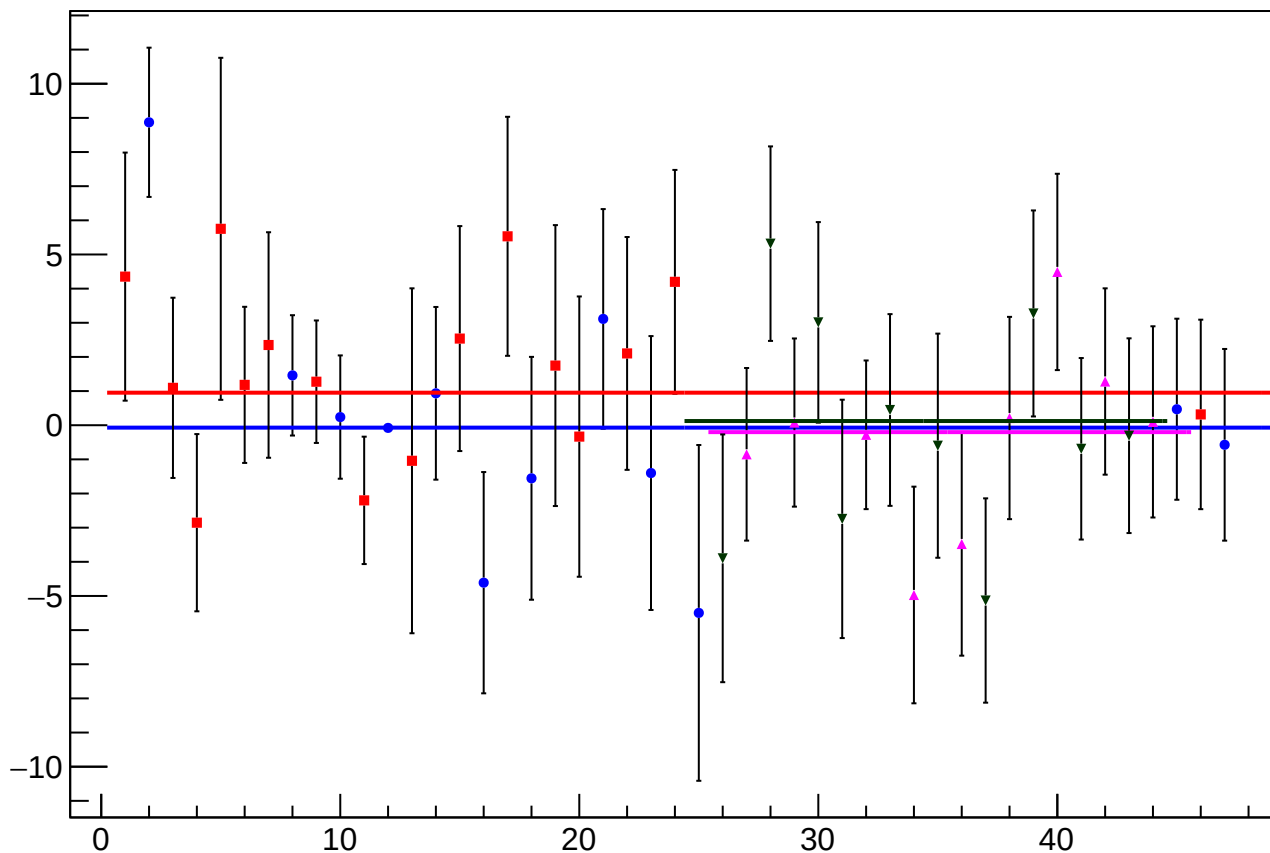
Left Out: 4245.194+/-1.338 χ^2/NDF :134695.9/9

Right Out: 3376.387+/-0.906 χ^2/NDF : 971923.1/15

Left In: 4344.594+/-1.308 χ^2/NDF :94268.1/8

3621.886+/-0.523 χ^2/NDF : 3642795.2/46

diff_bpm4acX_mean vs slug



Right In: -0.071 ± 0.060 $\chi^2/\text{NDF}: 22.2/11$

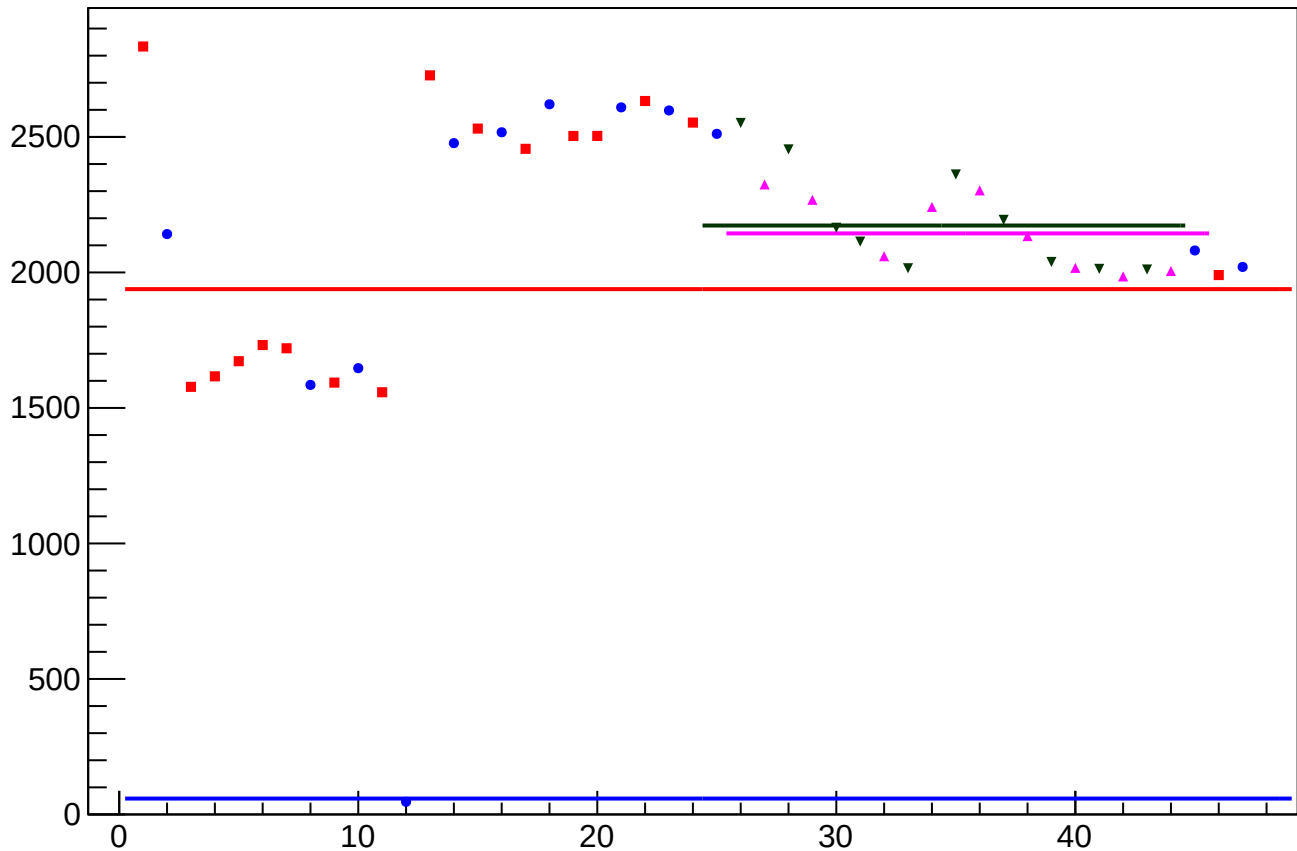
Left Out: 0.122 ± 0.952 $\chi^2/\text{NDF}: 10.6/9$

Right Out: 0.953 ± 0.720 $\chi^2/\text{NDF}: 10.4/15$

Left In: -0.202 ± 0.904 $\chi^2/\text{NDF}: 6.3/8$

-0.063 ± 0.060 $\chi^2/\text{NDF}: 51.6/46$

diff_bpm4acX_rms vs slug



Right In: 58.614+/-0.043 χ^2/NDF : 13661541.1/11

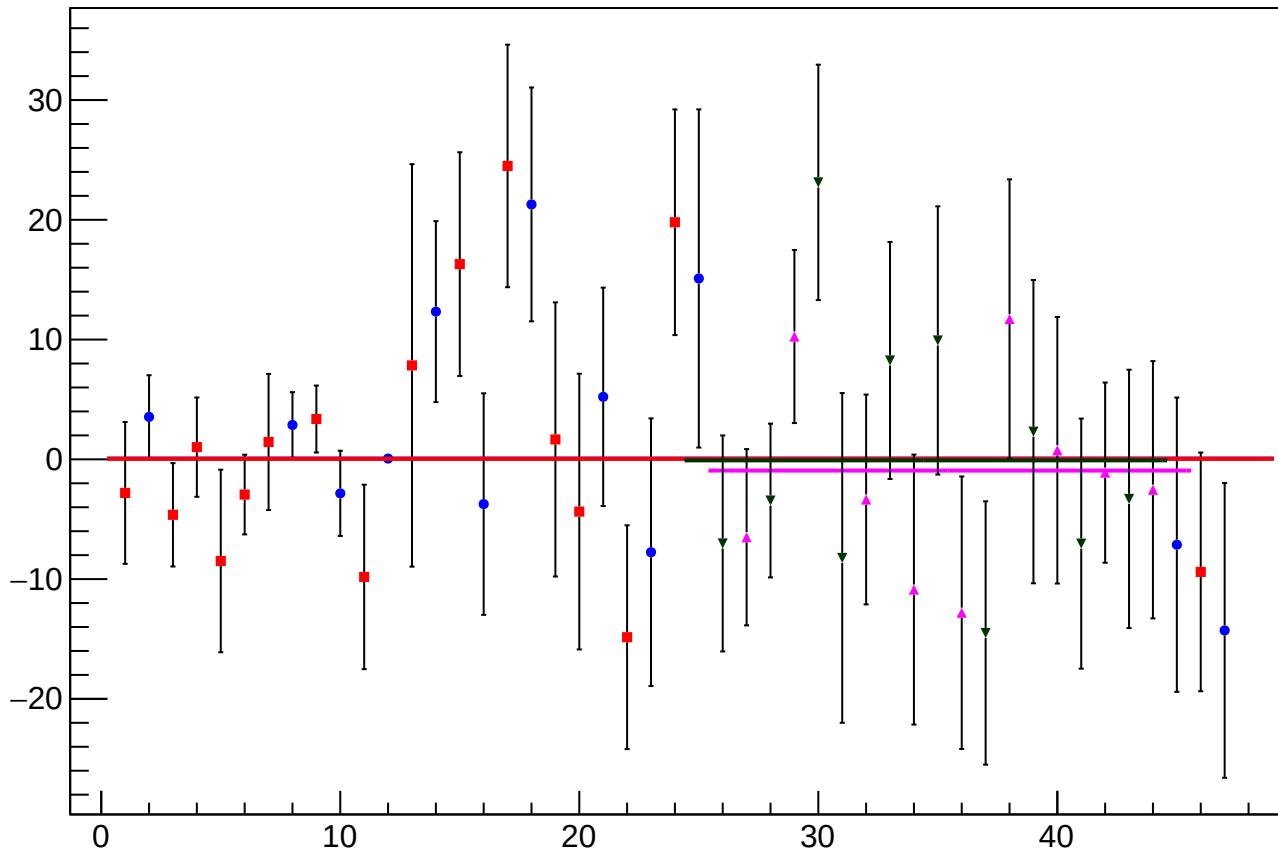
Left Out: 2173.150+/-0.673 χ^2/NDF : 72524.5/9

88.924+/-0.042 χ^2/NDF : 48159752.5/46

Right Out: 1938.452+/-0.509 χ^2/NDF : 764373.5/15

Left In: 2144.060+/-0.640 χ^2/NDF : 40535.6/8

diff_bpm4acY_mean vs slug



Right In: 0.066+/-0.052 χ^2/NDF : 13.9/11

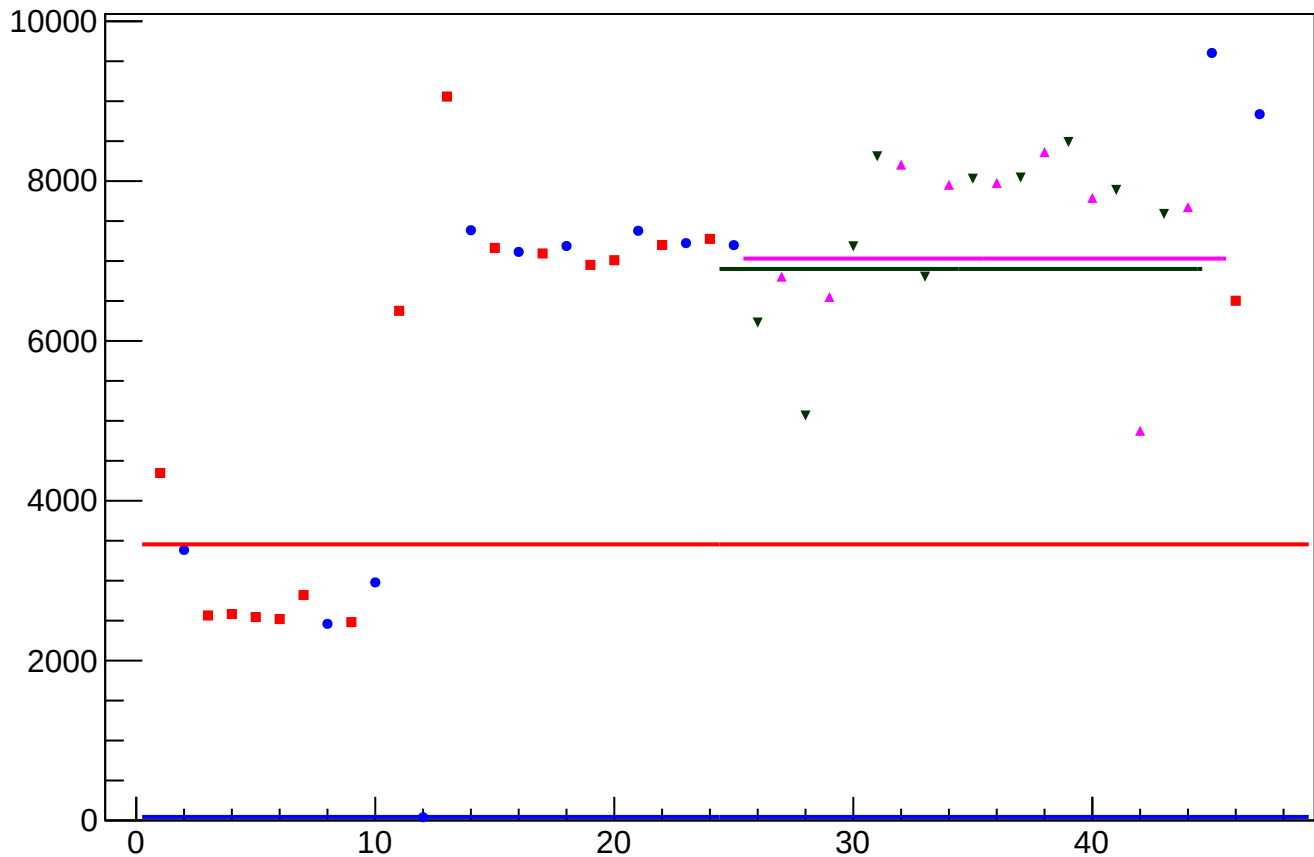
Left Out: -0.087+/-3.121 χ^2/NDF : 10.6/9

Right Out: 0.041+/-1.419 χ^2/NDF : 23.7/15

Left In: -0.938+/-3.043 χ^2/NDF : 6.1/8

0.066+/-0.052 χ^2/NDF : 54.4/46

diff_bpm4acY_rms vs slug



Right In: 44.204+/-0.037 χ^2/NDF : 13767736.9/11

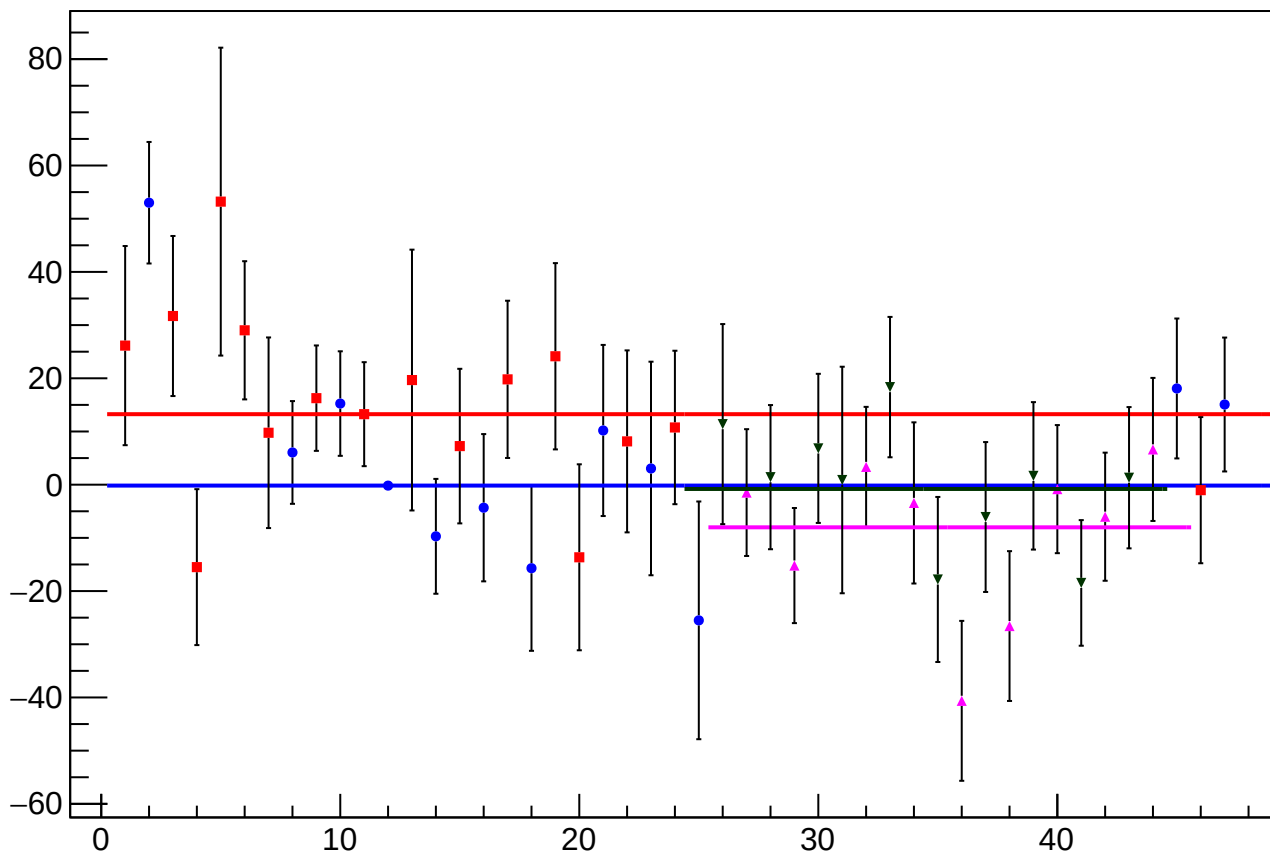
Left Out: 6900.923+/-2.207 χ^2/NDF : 296676.8/9

52.741+/-0.037 χ^2/NDF : 49010973.6/46

Right Out: 3454.831+/-1.003 χ^2/NDF : 2972307.4/15

Left In: 7030.552+/-2.152 χ^2/NDF : 280716.1/8

diff_bpm4ecX_mean vs slug



Right In: -0.169 ± 0.107 χ^2/NDF : 31.5/11

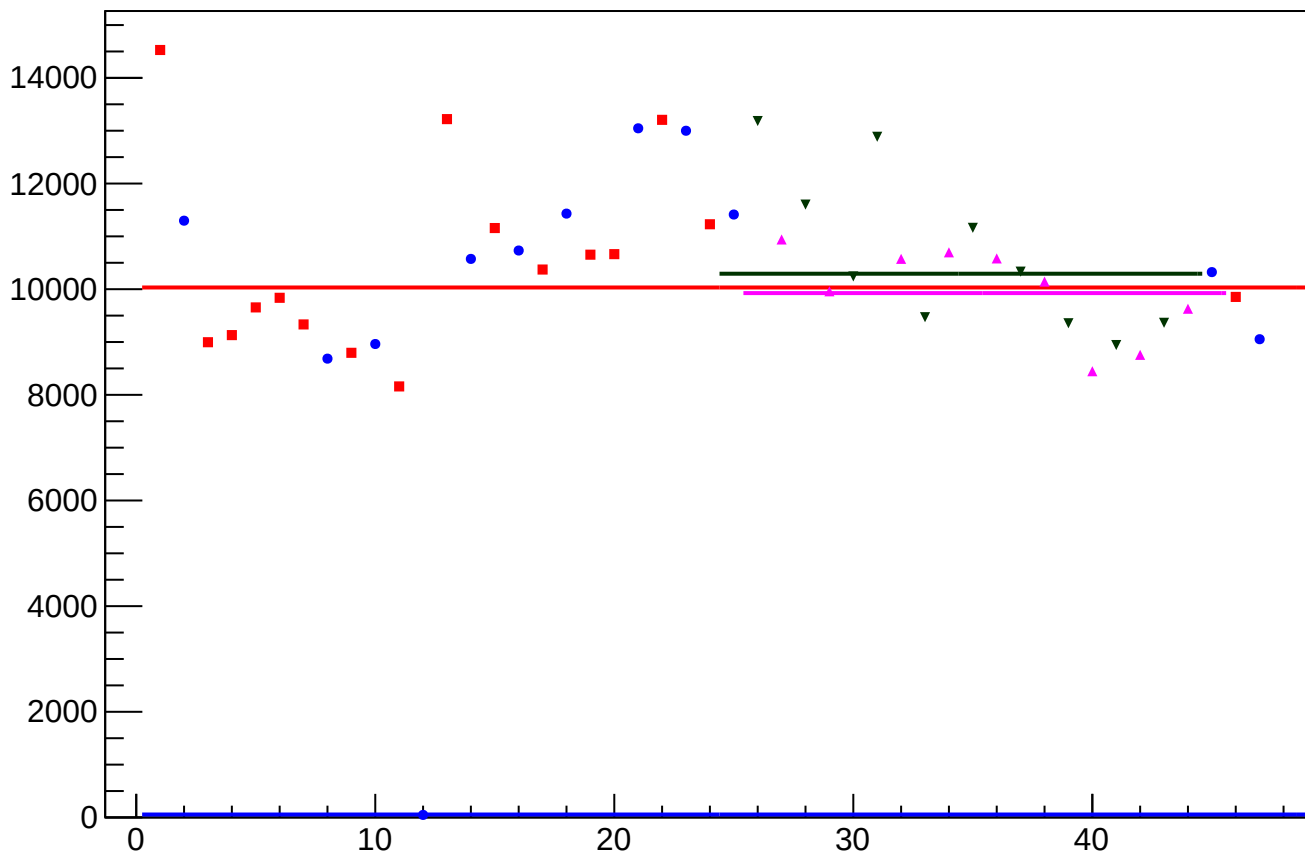
Left Out: -0.805 ± 4.538 χ^2/NDF : 6.5/9

Right Out: 13.253 ± 3.680 χ^2/NDF : 13.7/15

Left In: -8.016 ± 4.204 χ^2/NDF : 9.9/8

-0.164 ± 0.106 χ^2/NDF : 78.4/46

diff_bpm4ecX_rms vs slug



Right In: 55.804+/-0.075 χ^2/NDF : 14241745.5/11

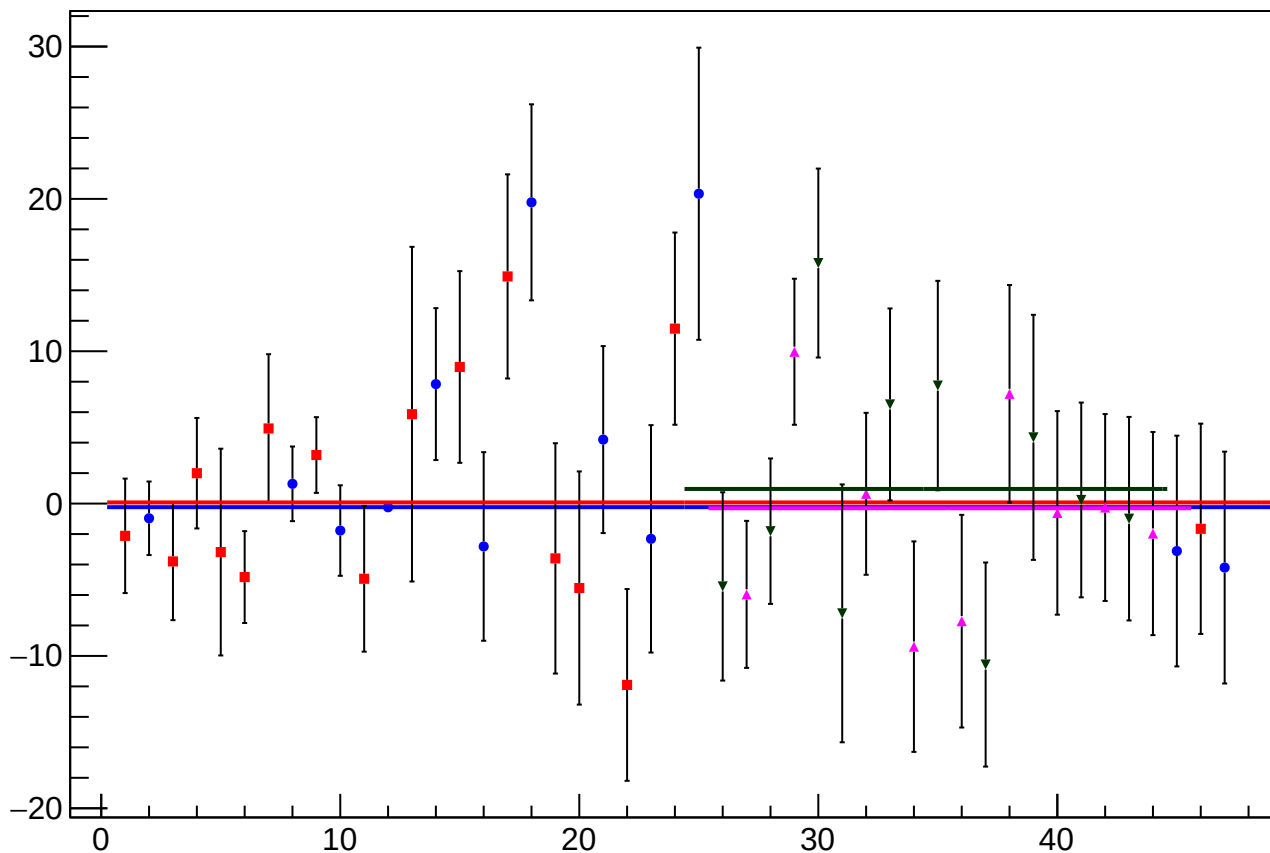
Left Out: 10292.914+/-3.209 χ^2/NDF : 154725.3/9

Right Out: 10032.357+/-2.602 χ^2/NDF : 375744.7/15

Left In: 9926.082+/-2.973 χ^2/NDF : 80597.6/8

76.096+/-0.075 χ^2/NDF : 50682330.8/46

diff_bpm4ecY_mean vs slug



Right In: -0.236 ± 0.090 χ^2/NDF : 18.8/11

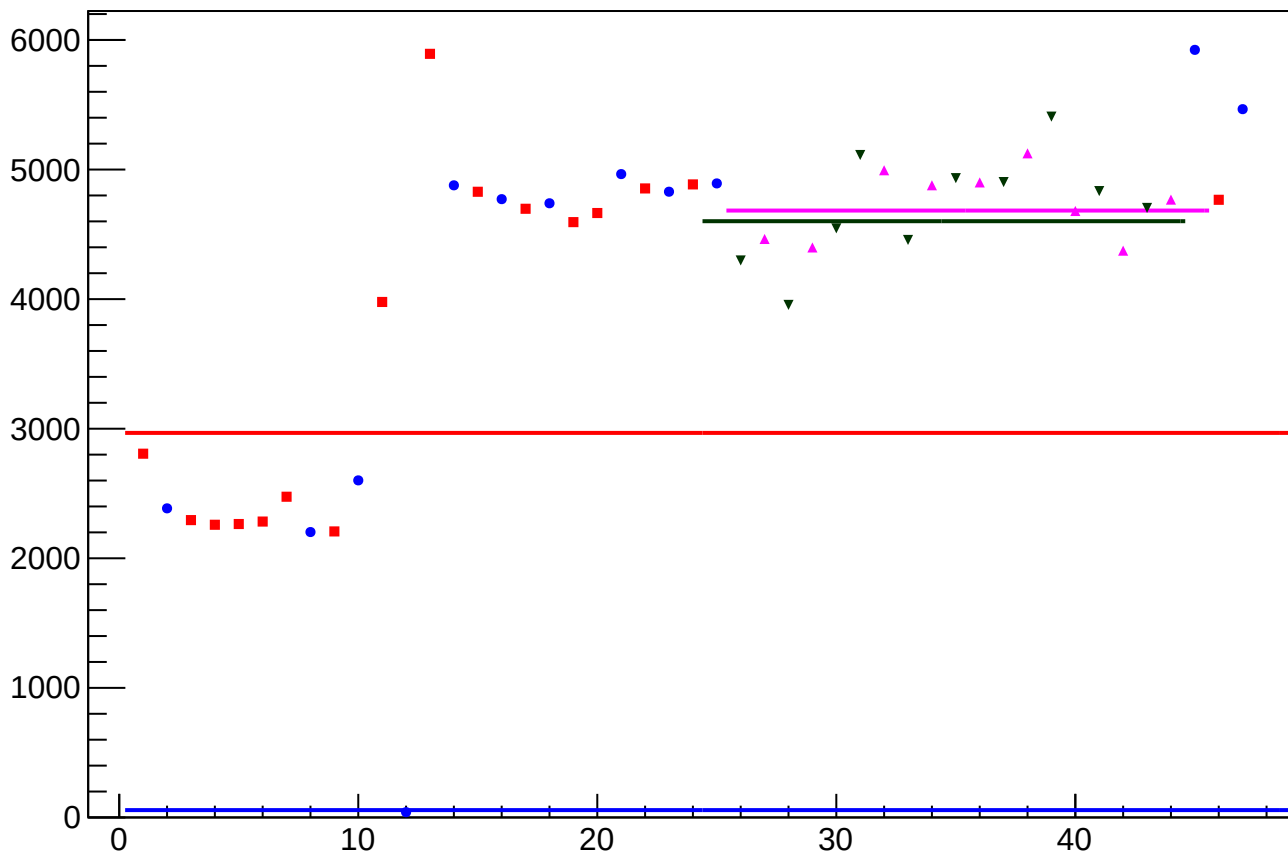
Left Out: 0.960 ± 2.037 χ^2/NDF : 13.0/9

Right Out: 0.076 ± 1.151 χ^2/NDF : 23.1/15

Left In: -0.307 ± 1.982 χ^2/NDF : 10.0/8

-0.232 ± 0.089 χ^2/NDF : 65.4/46

diff_bpm4ecY_rms vs slug



Right In: 56.723+/-0.064 χ^2/NDF : 13833176.5/11

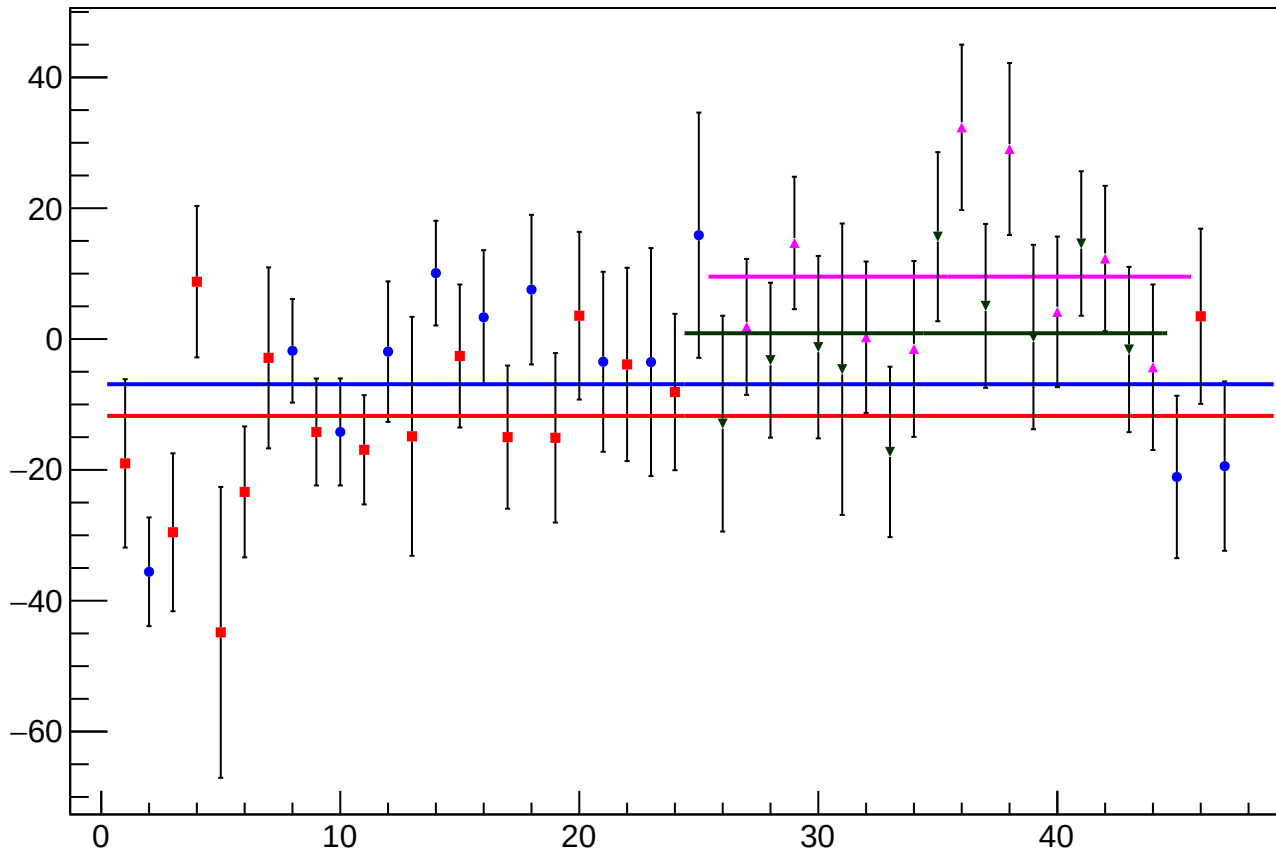
Left Out: 4601.382+/-1.440 χ^2/NDF : 81907.0/9

Right Out: 2967.631+/-0.814 χ^2/NDF : 1703789.1/15

Left In: 4683.549+/-1.402 χ^2/NDF : 34623.2/8

92.531+/-0.063 χ^2/NDF : 48985099.7/46

diff_bpm1X_mean vs slug



Right In: -6.904 ± 3.005 $\chi^2/\text{NDF}: 24.3/11$

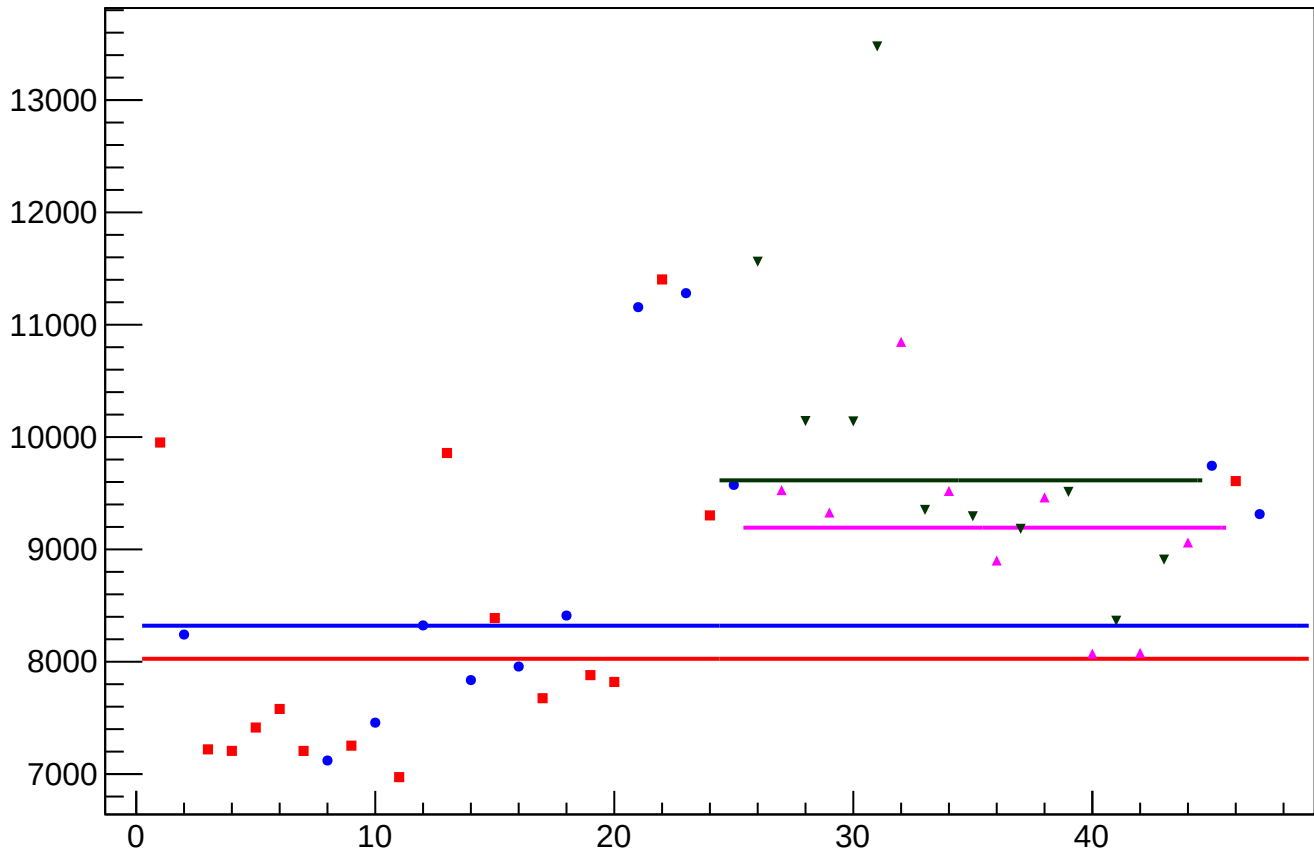
Left Out: 0.888 ± 4.236 $\chi^2/\text{NDF}: 5.8/9$

-4.155 ± 1.694 $\chi^2/\text{NDF}: 74.5/46$

Right Out: -11.750 ± 2.938 $\chi^2/\text{NDF}: 14.1/15$

Left In: 9.535 ± 3.893 $\chi^2/\text{NDF}: 9.1/8$

diff_bpm1X_rms vs slug



Right In: 8320.711+/-2.125 χ^2/NDF : 268084.2/11

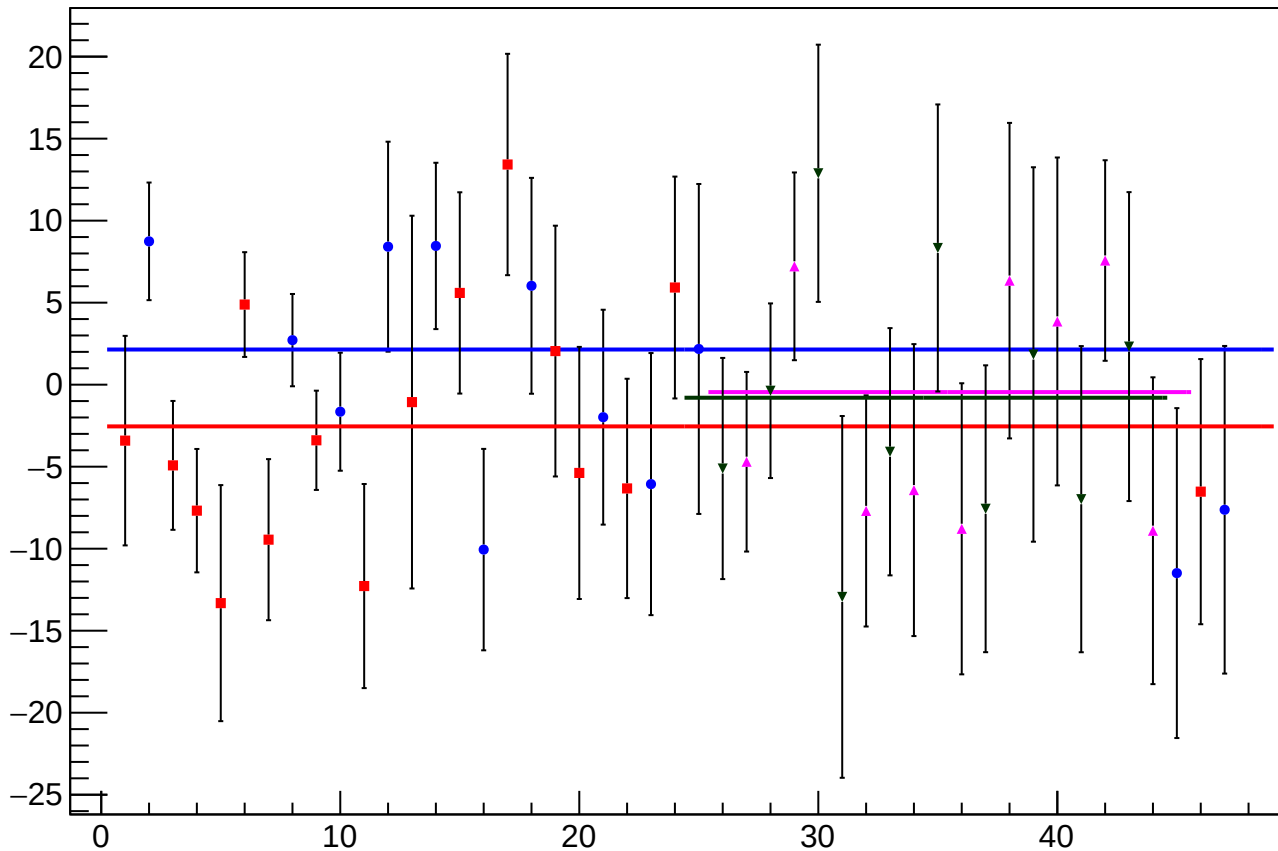
Left Out: 9614.809+/-2.996 χ^2/NDF :131171.7/9

8595.153+/-1.198 χ^2/NDF : 1046188.0/46

Right Out: 8026.354+/-2.077 χ^2/NDF : 306415.6/15

Left In: 9193.398+/-2.753 χ^2/NDF :85779.5/8

diff_bpm1Y_mean vs slug



Right In: 2.143 ± 1.470 $\chi^2/\text{NDF}: 15.6/11$

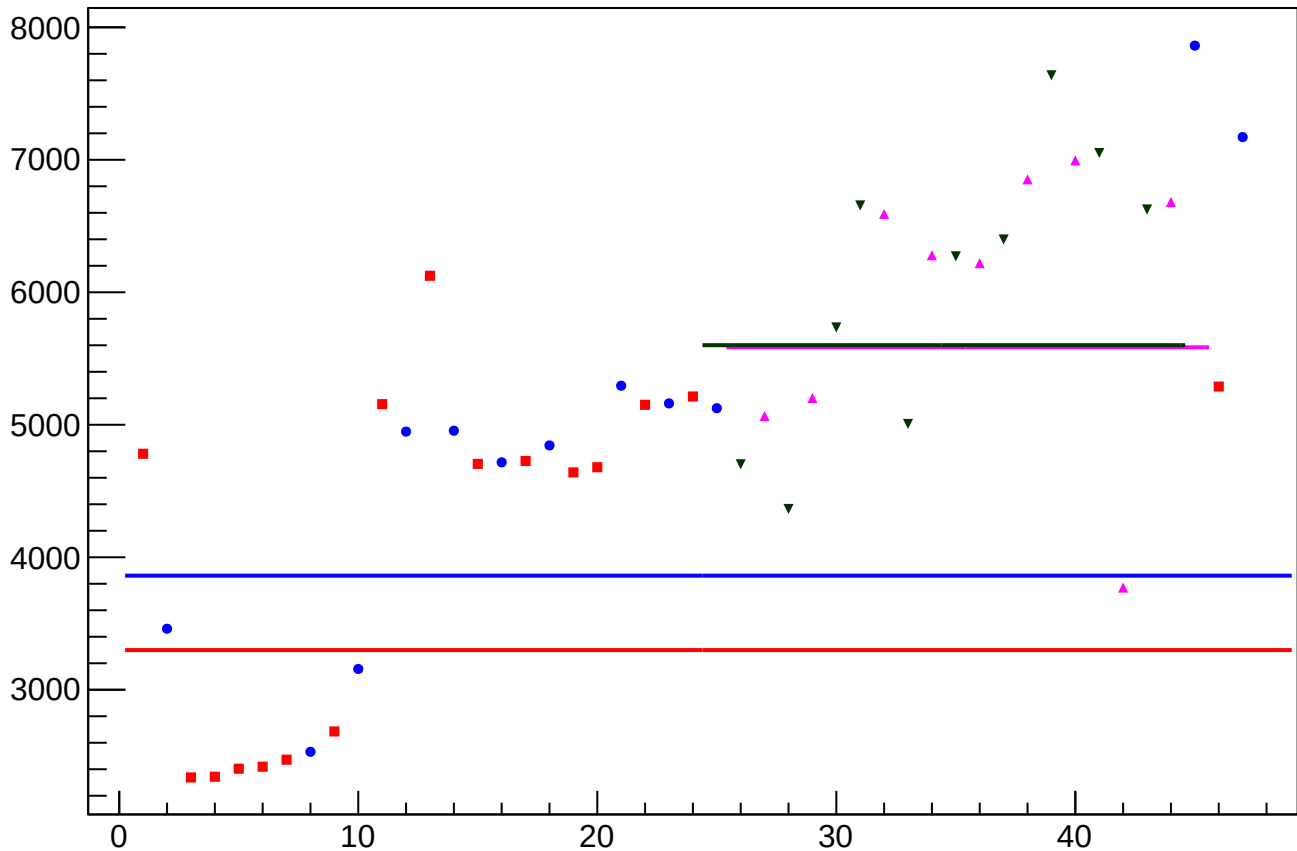
Left Out: -0.796 ± 2.532 $\chi^2/\text{NDF}: 7.2/9$

Right Out: -2.544 ± 1.287 $\chi^2/\text{NDF}: 24.4/15$

Left In: -0.453 ± 2.437 $\chi^2/\text{NDF}: 8.0/8$

-0.535 ± 0.848 $\chi^2/\text{NDF}: 60.9/46$

diff_bpm1Y_rms vs slug



Right In: 3861.181+/-1.039 χ^2/NDF : 1498973.3/11

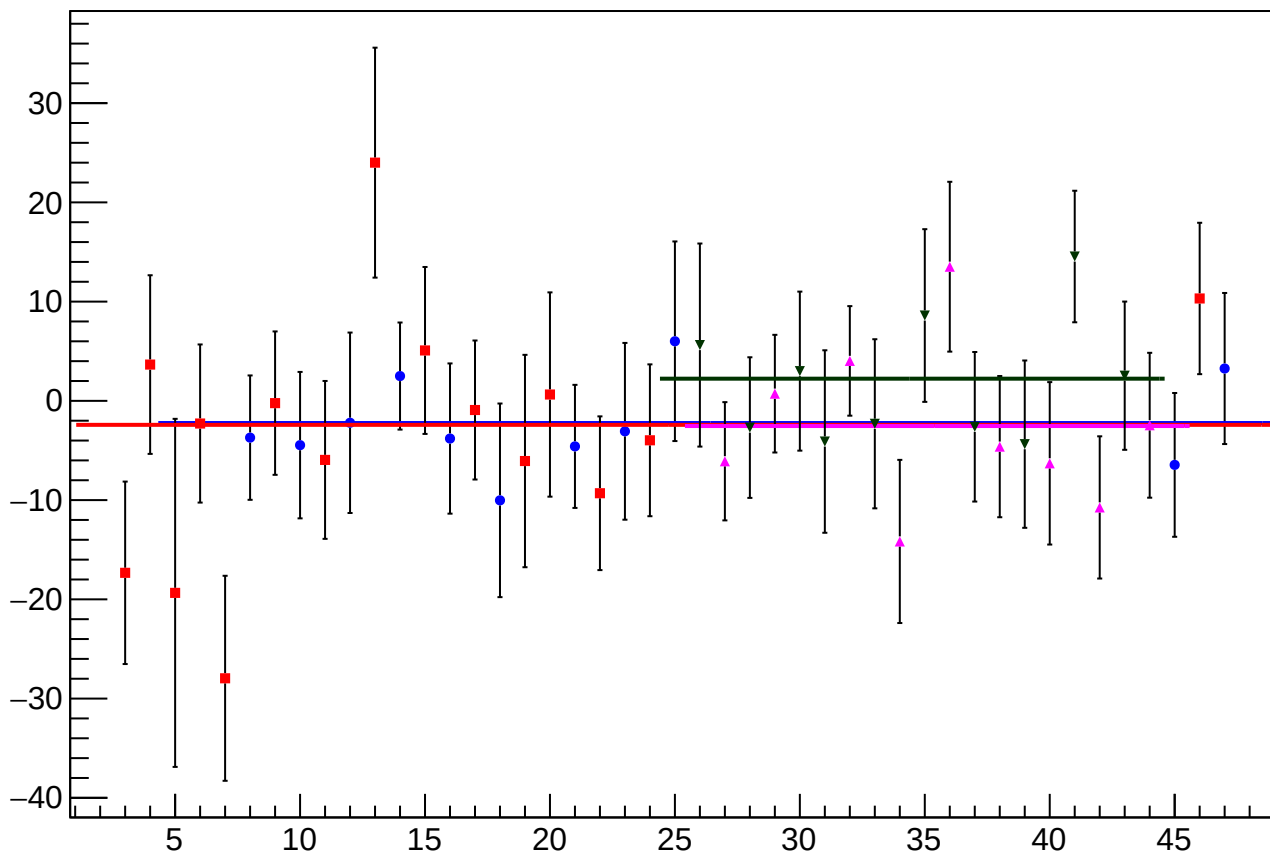
Left Out: 5600.895+/-1.791 χ^2/NDF : 338726.9/9

4020.989+/-0.600 χ^2/NDF : 6195341.2/46

Right Out: 3299.453+/-0.910 χ^2/NDF : 1735410.2/15

Left In: 5584.684+/-1.723 χ^2/NDF : 368294.9/8

diff_bpm11X_mean vs slug



Right In: -2.236+/-2.219 χ^2 /NDF: 3.3/10

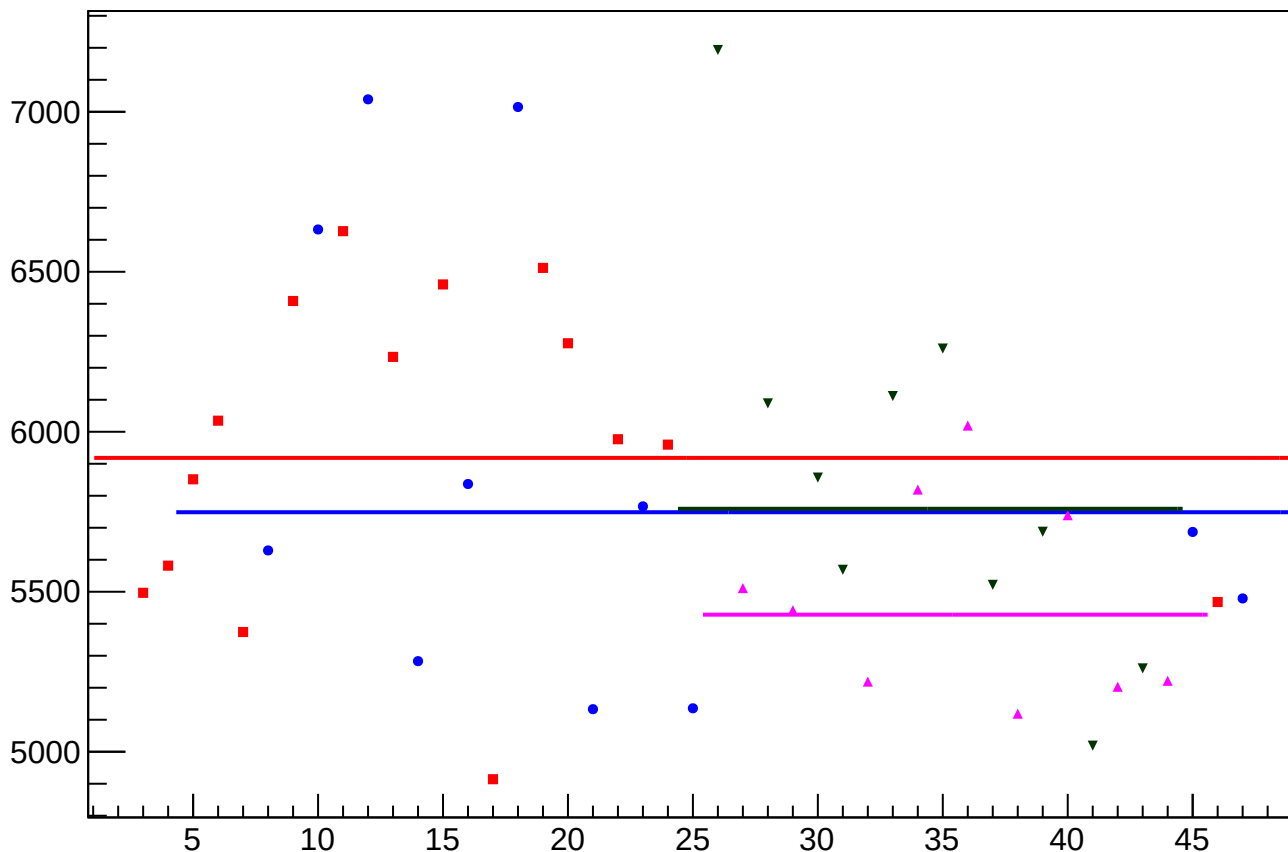
Left Out: 2.235+/-2.530 χ^2 /NDF: 6.4/9

-1.428+/-1.156 χ^2 /NDF: 41.8/44

Right Out: -2.417+/-2.244 χ^2 /NDF: 20.3/14

Left In: -2.537+/-2.289 χ^2 /NDF: 9.2/8

diff_bpm11X_rms vs slug



Right In: 5748.546+/-1.569 χ^2/NDF : 148387.9/10

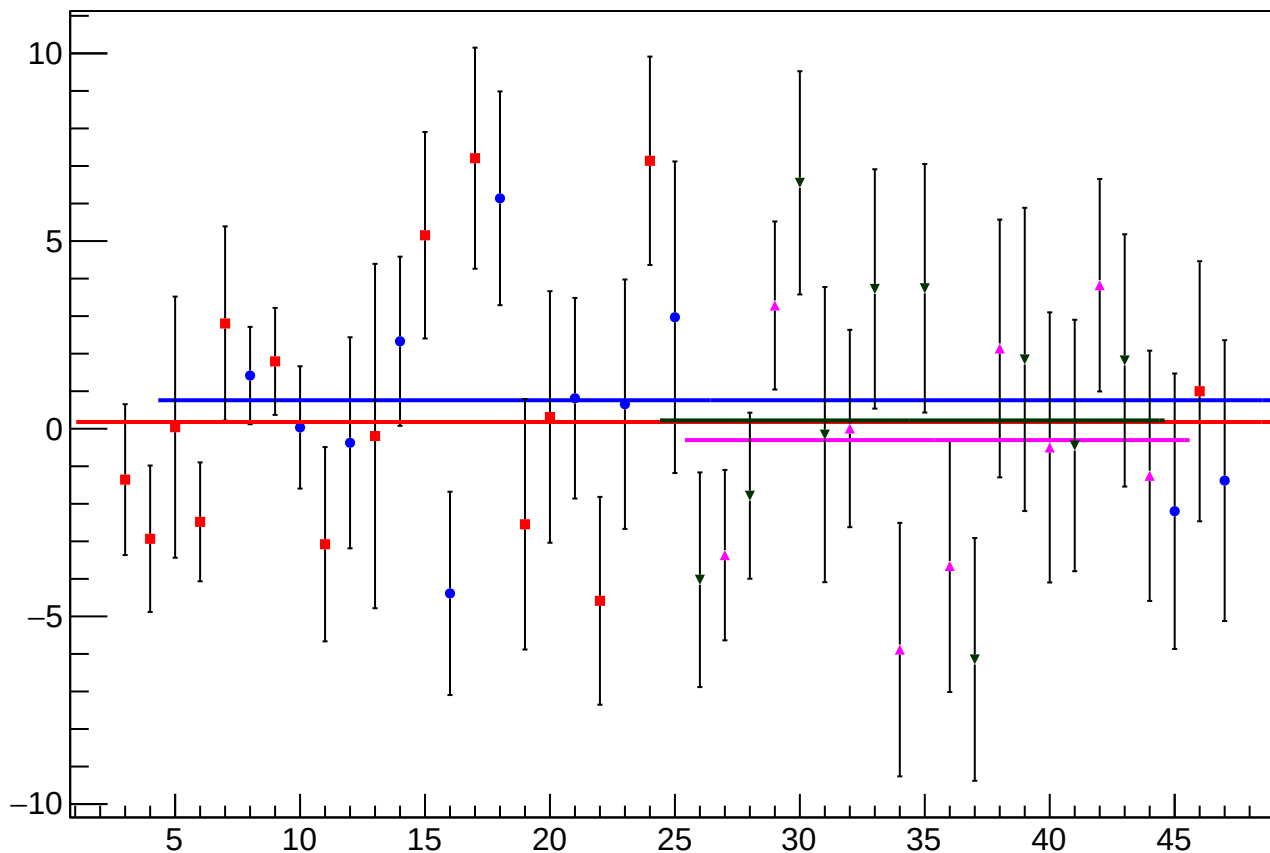
Left Out: 5759.309+/-1.789 χ^2/NDF : 90824.6/9

Right Out: 5918.363+/-1.587 χ^2/NDF : 104743.7/14

Left In: 5428.343+/-1.619 χ^2/NDF : 27583.1/8

5714.227+/-0.817 χ^2/NDF : 420400.9/44

diff_bpm11Y_mean vs slug



Right In: 0.759 ± 0.709 χ^2/NDF : 9.5/10

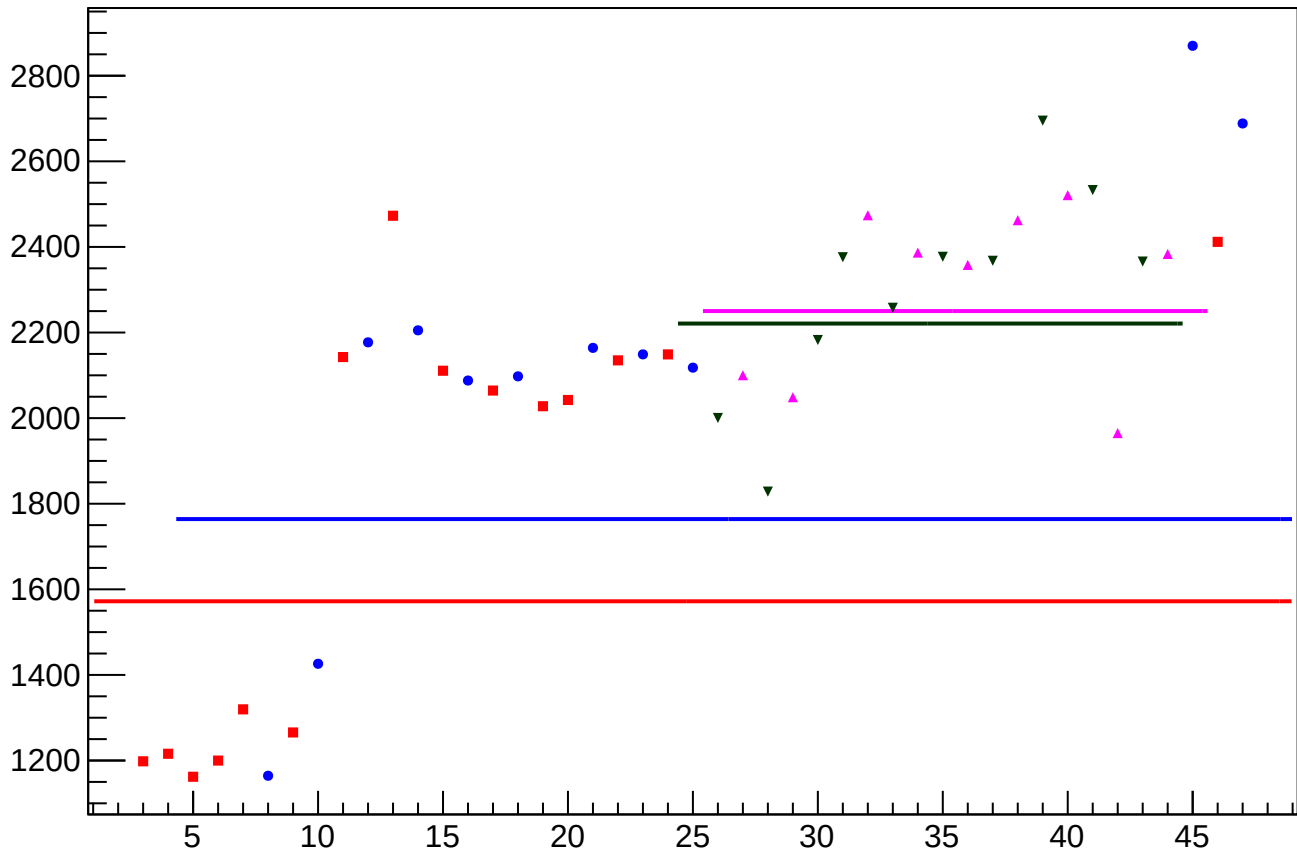
Left Out: 0.222 ± 0.986 χ^2/NDF : 14.2/9

Right Out: 0.179 ± 0.620 χ^2/NDF : 28.8/14

Left In: -0.303 ± 0.957 χ^2/NDF : 10.8/8

0.279 ± 0.386 χ^2/NDF : 64.2/44

diff_bpm11Y_rms vs slug



Right In: 1764.124+/-0.501 χ^2/NDF : 1079643.5/10

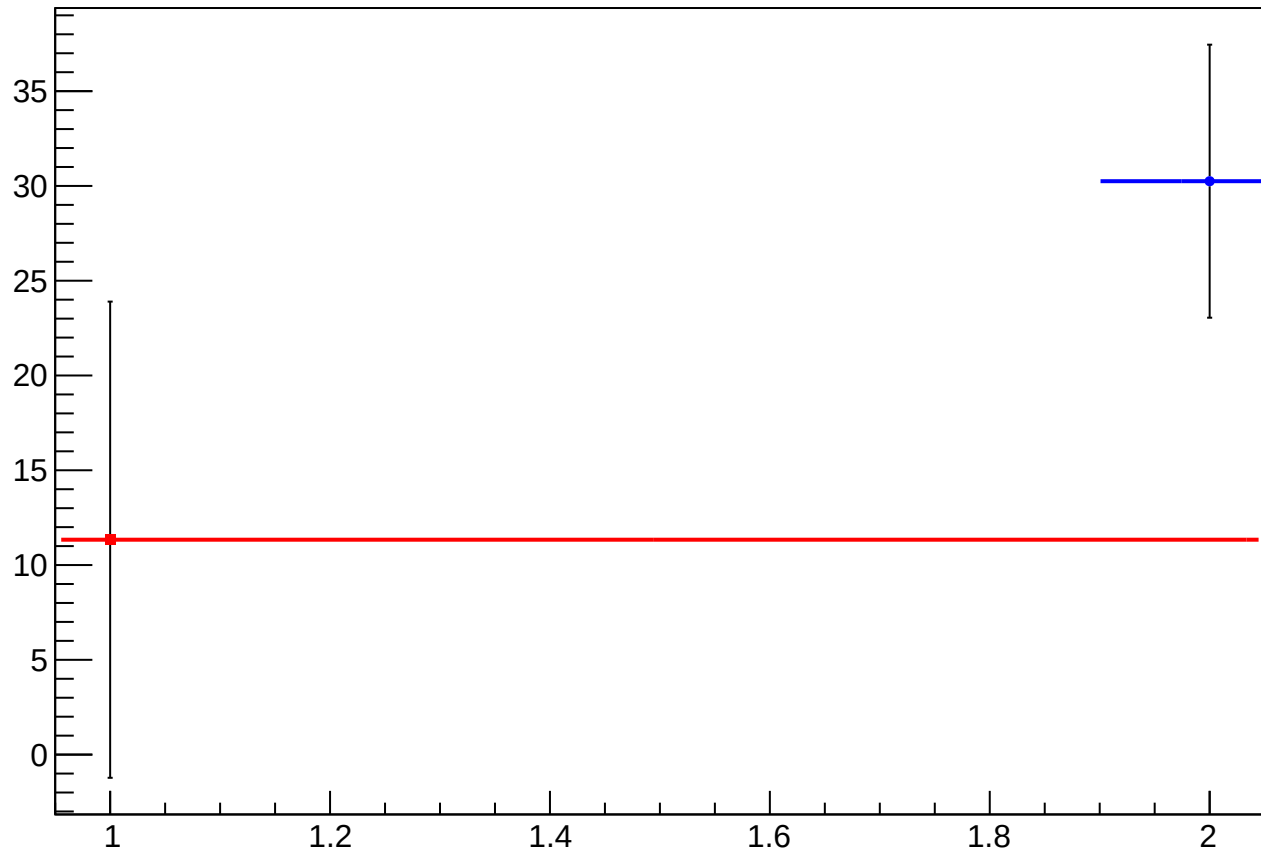
Left Out: 2220.975+/-0.697 χ^2/NDF : 135802.0/9

1838.806+/-0.273 χ^2/NDF : 3420662.8/44

Right Out: 1572.059+/-0.439 χ^2/NDF : 1055911.3/14

Left In: 2250.180+/-0.677 χ^2/NDF : 87194.0/8

diff_bpm14X_mean vs slug



Right In: 30.250 $\pm$ 7.202 χ^2 /NDF: 0.0/0

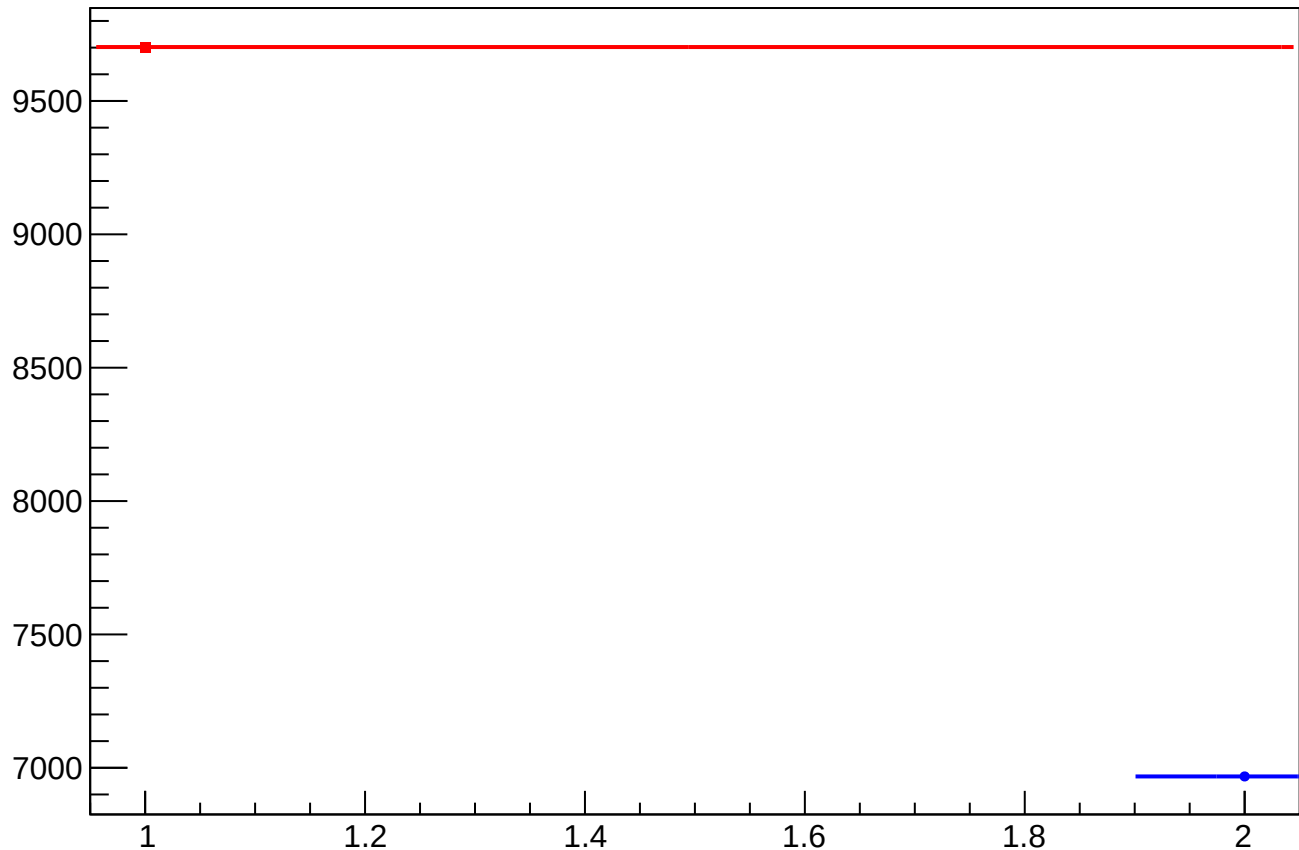
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.337 $\pm$ 12.561 χ^2 /NDF: 0.0/0

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

25.571 $\pm$ 6.248 χ^2 /NDF: 1.7/1

diff_bpm14X_rms vs slug



Right In: 6967.598 $\pm$ 5.093 χ^2/NDF : 0.0/0

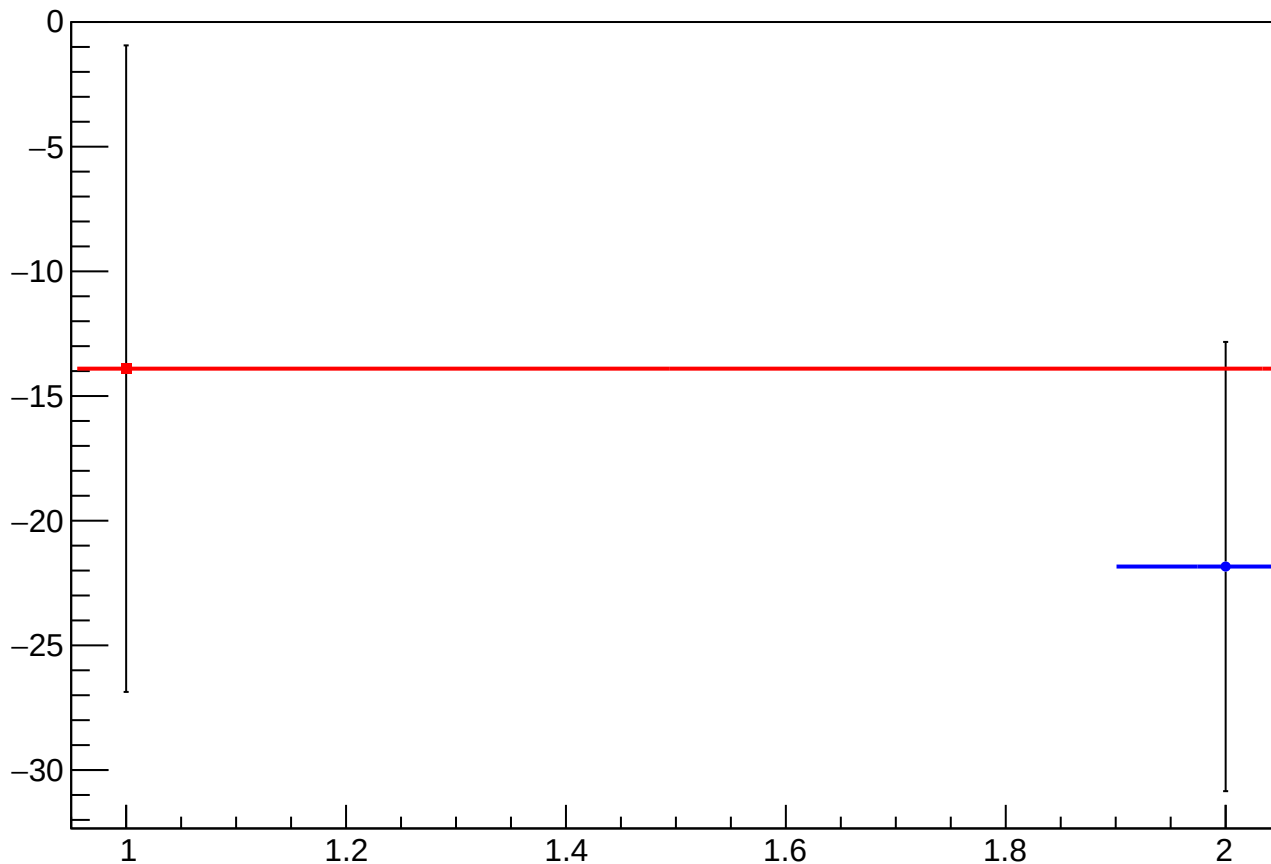
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

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

7644.206 $\pm$ 4.418 χ^2/NDF : 71341.6/1

diff_bpm14Y_mean vs slug



Right In: -21.839 $\pm$ 9.009 χ^2/NDF : 0.0/0

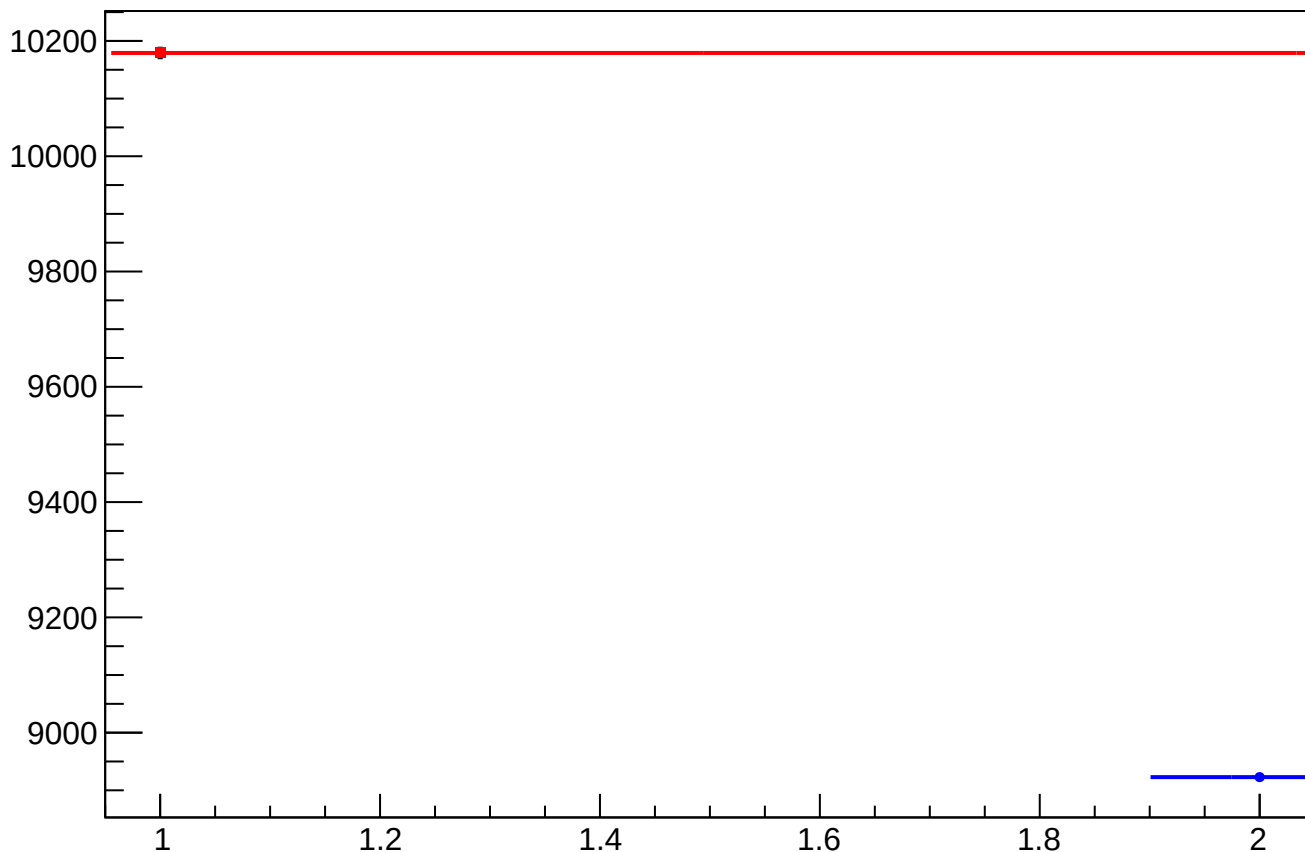
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -13.902 $\pm$ 12.965 χ^2/NDF : 0.0/0

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

-19.255 $\pm$ 7.398 χ^2/NDF : 0.3/1

diff_bpm14Y_rms vs slug



Right In: 8922.874 $\pm$ 6.370 χ^2/NDF : 0.0/0

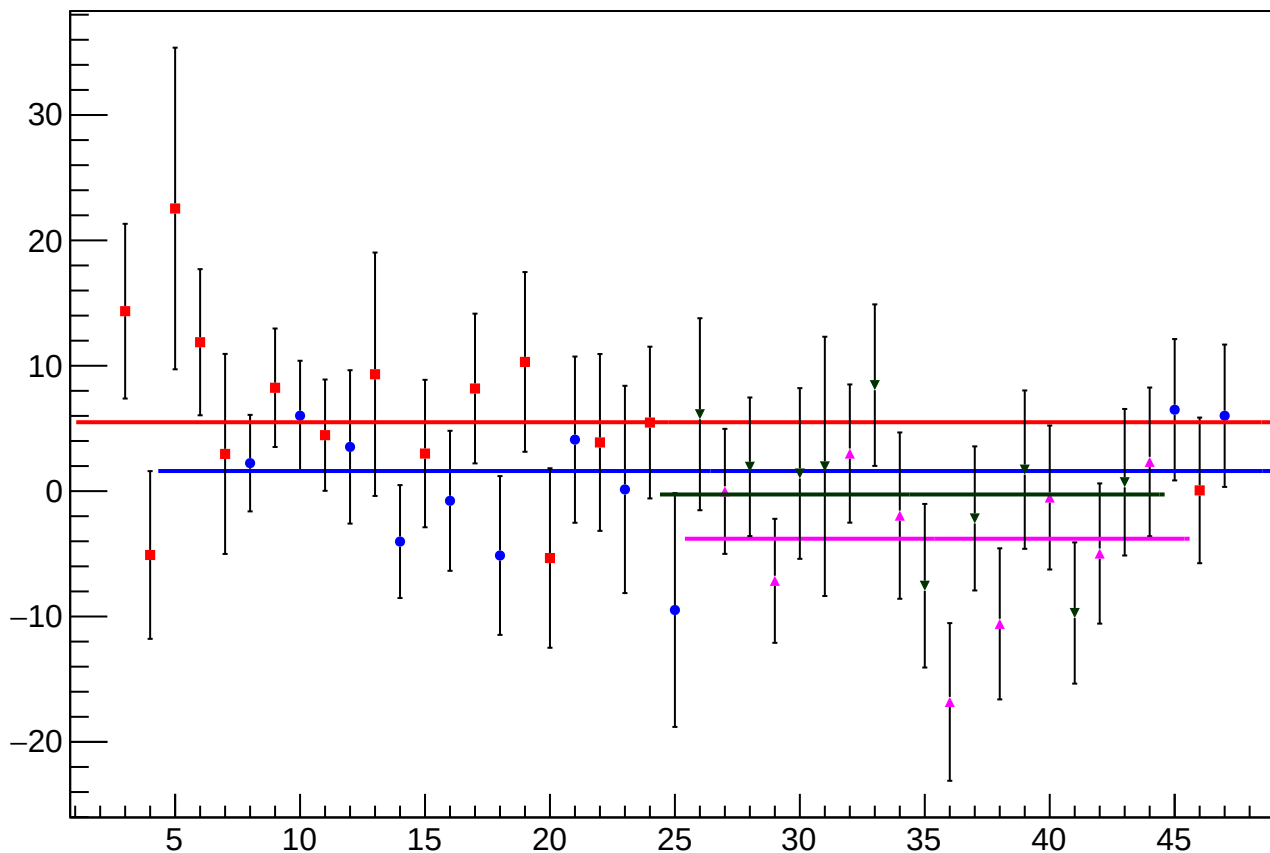
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10179.165 $\pm$ 9.168 χ^2/NDF : 0.0/0

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

9331.930 $\pm$ 5.231 χ^2/NDF : 12664.4/1

diff_bpm16X_mean vs slug



Right In: 1.605 ± 1.658 χ^2/NDF : 7.0/10

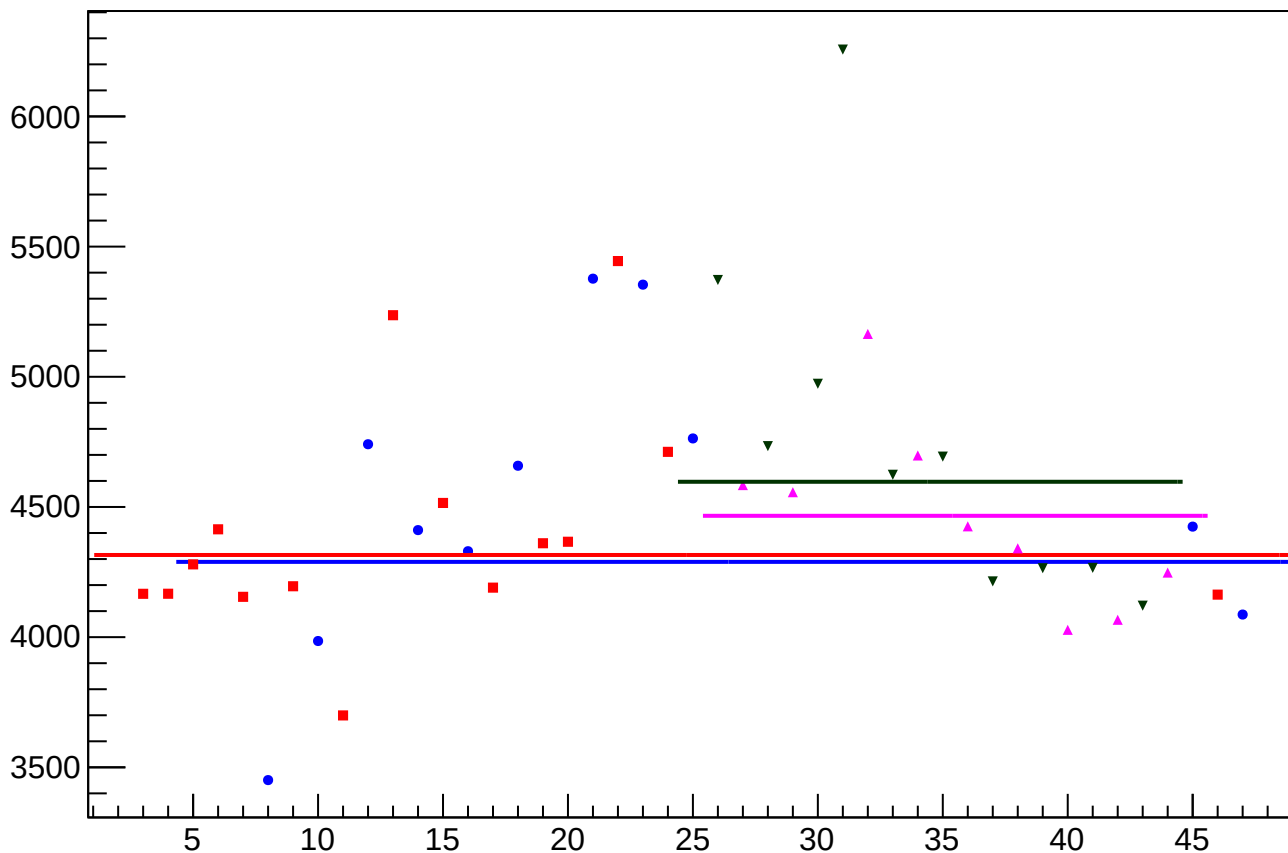
Left Out: -0.266 ± 2.022 χ^2/NDF : 7.1/9

Right Out: 5.496 ± 1.637 χ^2/NDF : 11.8/14

Left In: -3.796 ± 1.889 χ^2/NDF : 9.6/8

1.194 ± 0.890 χ^2/NDF : 49.9/44

diff_bpm16X_rms vs slug



Right In: 4289.120+/-1.172 χ^2/NDF : 219637.9/10

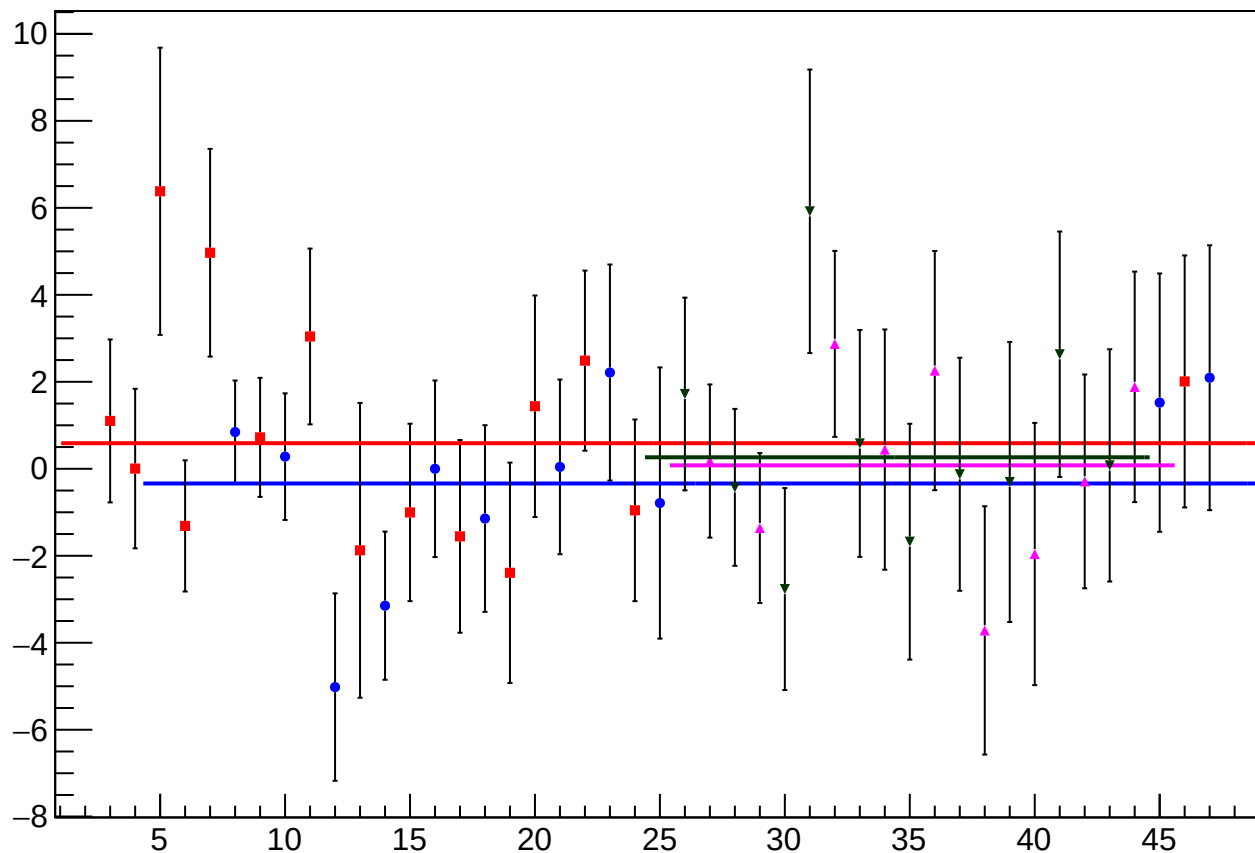
Left Out: 4596.789+/-1.430 χ^2/NDF :114406.0/9

Right Out: 4315.608+/-1.157 χ^2/NDF : 125736.9/14

Left In: 4466.082+/-1.336 χ^2/NDF :61839.9/8

4395.853+/-0.629 χ^2/NDF : 557228.1/44

diff_bpm16Y_mean vs slug



Right In: -0.338 ± 0.583 χ^2/NDF : 10.9/10

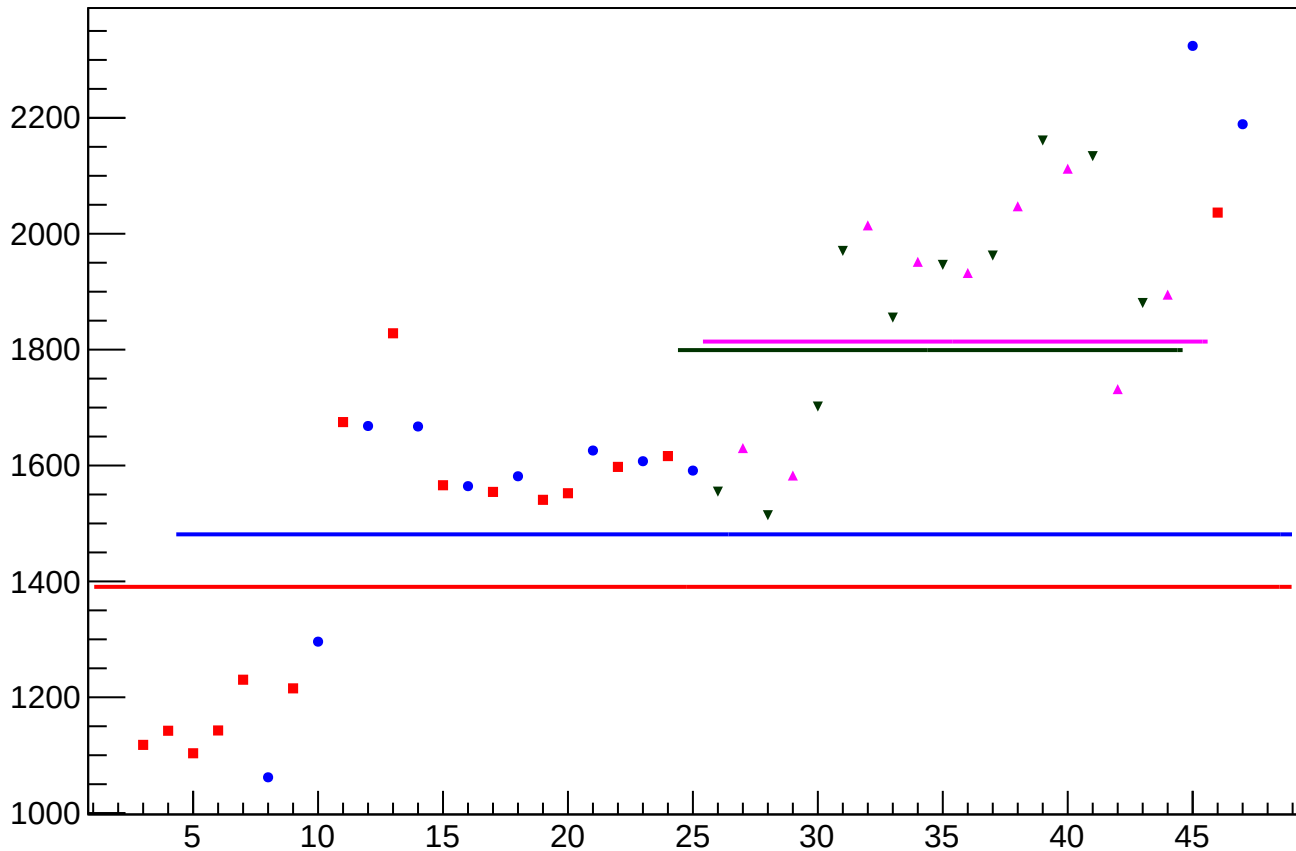
Left Out: 0.264 ± 0.797 χ^2/NDF : 6.6/9

Right Out: 0.588 ± 0.535 χ^2/NDF : 14.9/14

Left In: 0.079 ± 0.771 χ^2/NDF : 5.8/8

0.166 ± 0.321 χ^2/NDF : 39.5/44

diff_bpm16Y_rms vs slug



Right In: 1481.204+/-0.413 χ^2/NDF : 616666.8/10

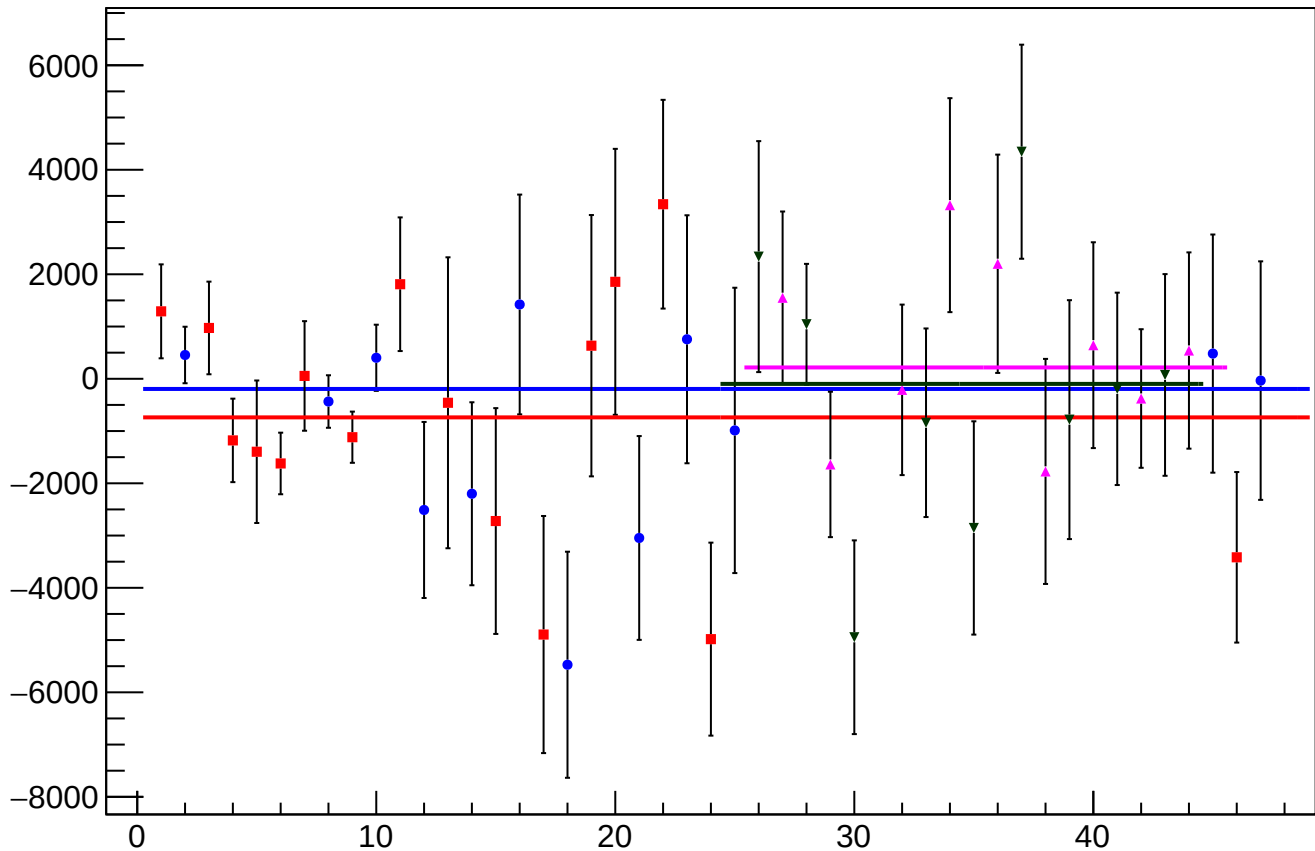
Left Out: 1799.198+/-0.563 χ^2/NDF : 152718.9/9

1558.044+/-0.227 χ^2/NDF : 1970617.4/44

Right Out: 1390.612+/-0.379 χ^2/NDF : 446422.1/14

Left In: 1813.912+/-0.545 χ^2/NDF : 121077.4/8

asym_sam1_mean vs slug



Right In: -194.462+/-289.232 χ^2/NDF : 14.8/11

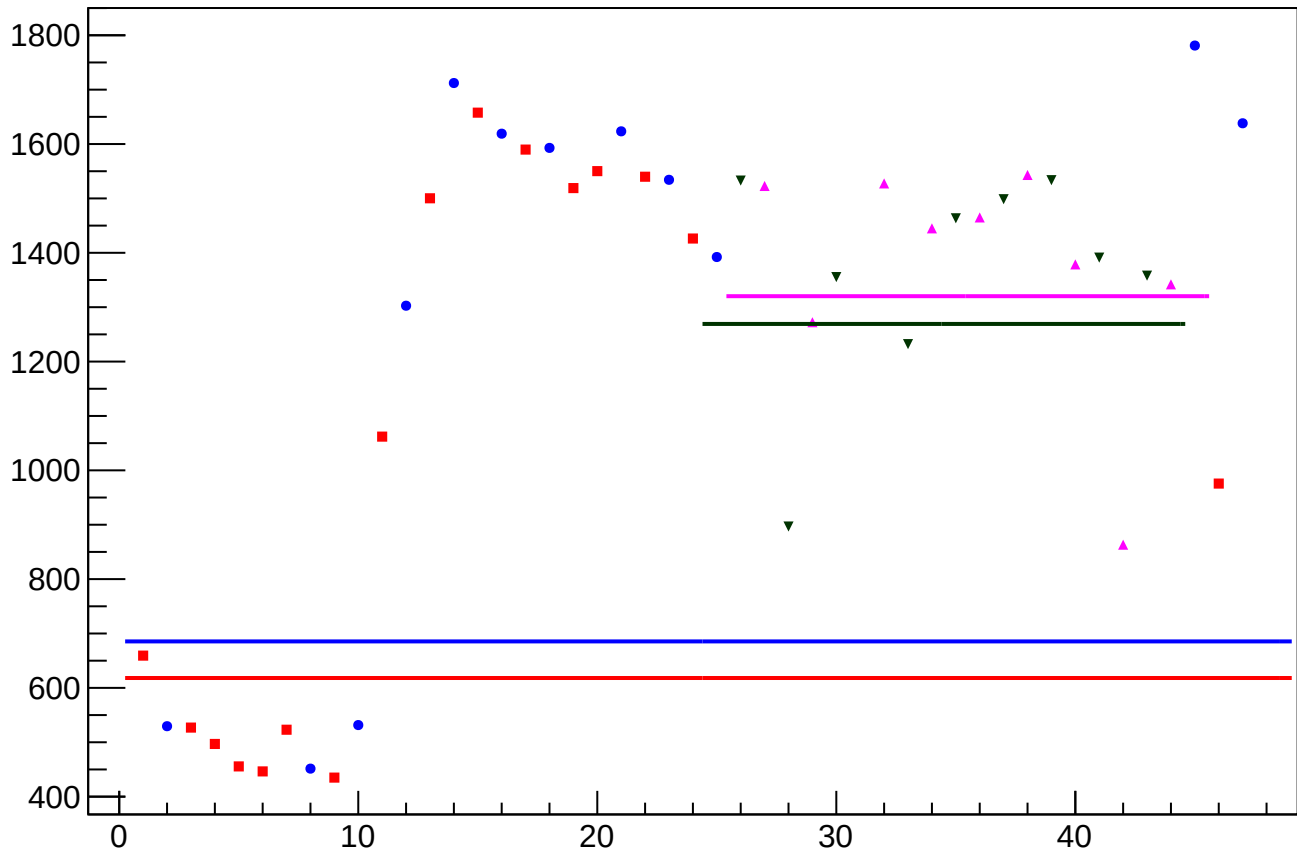
Left Out: -97.646+/-599.085 χ^2/NDF : 15.8/8

-396.317+/-174.747 χ^2/NDF : 75.5/45

Right Out: -738.500+/-258.588 χ^2/NDF : 34.4/15

Left In: 216.993+/-572.356 χ^2/NDF : 6.8/8

asym_sam1_rms vs slug



Right In: 685.449+/-0.205 χ^2/NDF : 4083623.5/11

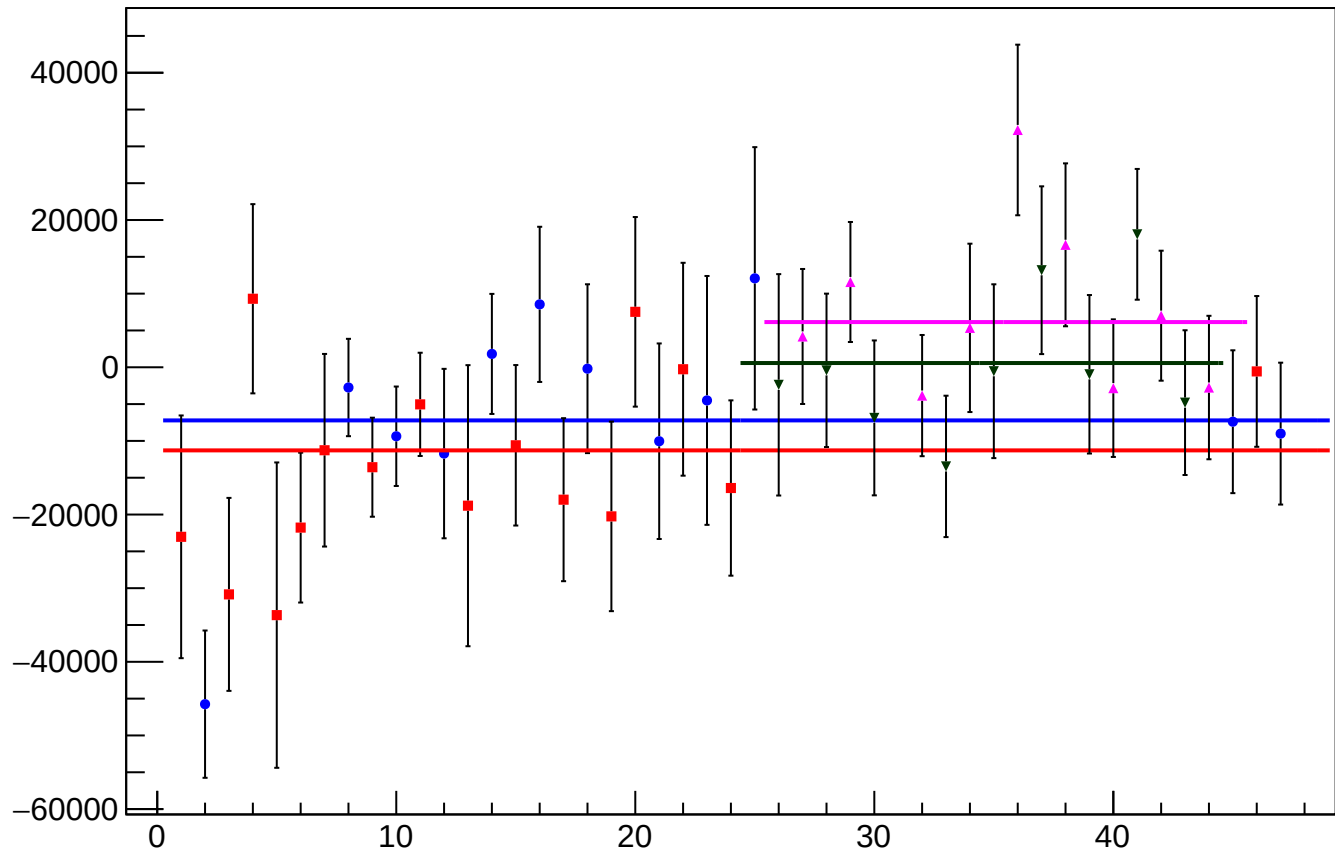
Left Out: 1269.198+/-0.424 χ^2/NDF : 324708.5/8

763.555+/-0.124 χ^2/NDF : 12116018.5/45

Right Out: 618.154+/-0.183 χ^2/NDF : 3270103.0/15

Left In: 1320.225+/-0.405 χ^2/NDF : 342760.5/8

asym_sam2_mean vs slug



Right In: -7215.304+/-2797.819 χ^2/NDF : 20.7/11

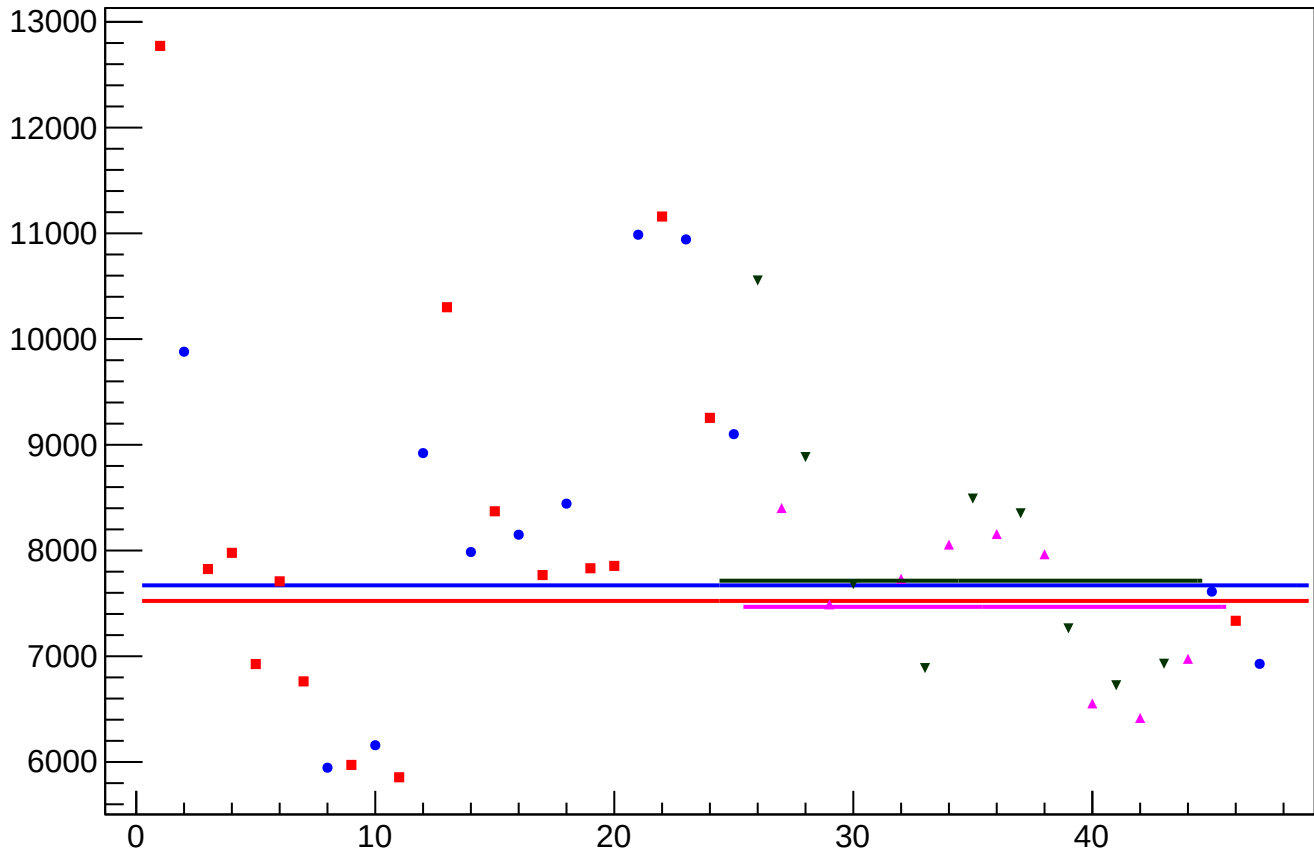
Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

-3930.055+/-1513.979 χ^2/NDF : 72.0/45

Right Out: -11286.746+/-2788.231 χ^2/NDF : 13.4/15

Left In: 6139.136+/-3165.220 χ^2/NDF : 9.7/8

asym_sam2_rms vs slug



Right In: 7670.611+/-1.978 χ^2/NDF : 598472.3/11

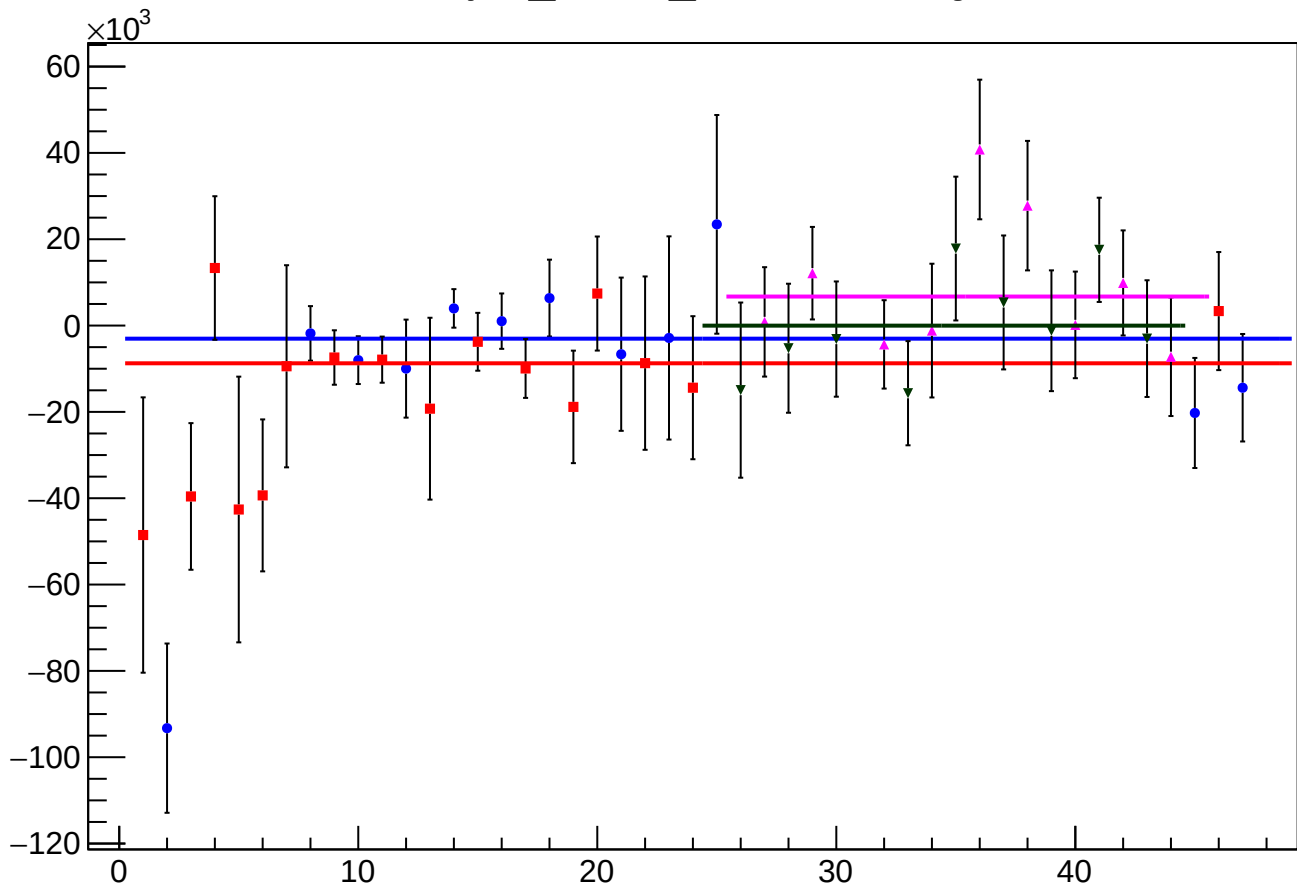
Left Out: 7714.631+/-2.499 χ^2/NDF : 167394.8/8

7588.755+/-1.071 χ^2/NDF : 1528613.3/45

Right Out: 7523.413+/-1.972 χ^2/NDF : 662602.1/15

Left In: 7467.205+/-2.238 χ^2/NDF : 91846.7/8

asym_sam3_mean vs slug



Right In: -3036.559 ± 2395.175 χ^2/NDF : 30.2/11

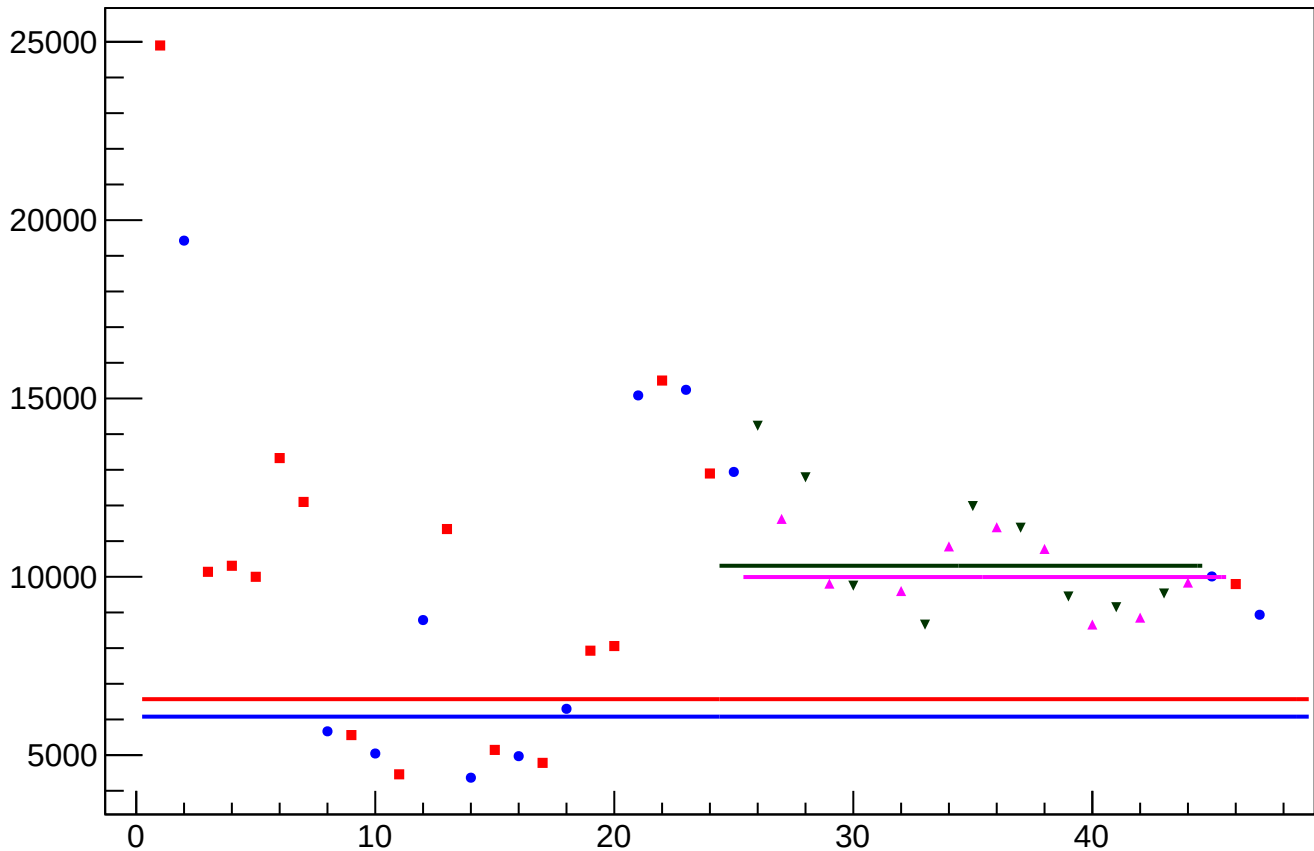
Left Out: -18.907 ± 4736.066 χ^2/NDF : 5.8/8

-3376.301 ± 1546.979 χ^2/NDF : 70.8/45

Right Out: -8741.153 ± 2640.284 χ^2/NDF : 14.8/15

Left In: 6722.901 ± 4244.094 χ^2/NDF : 9.7/8

asym_sam3_rms vs slug



Right In: 6078.941+/-1.694 χ^2/NDF : 2733722.2/11

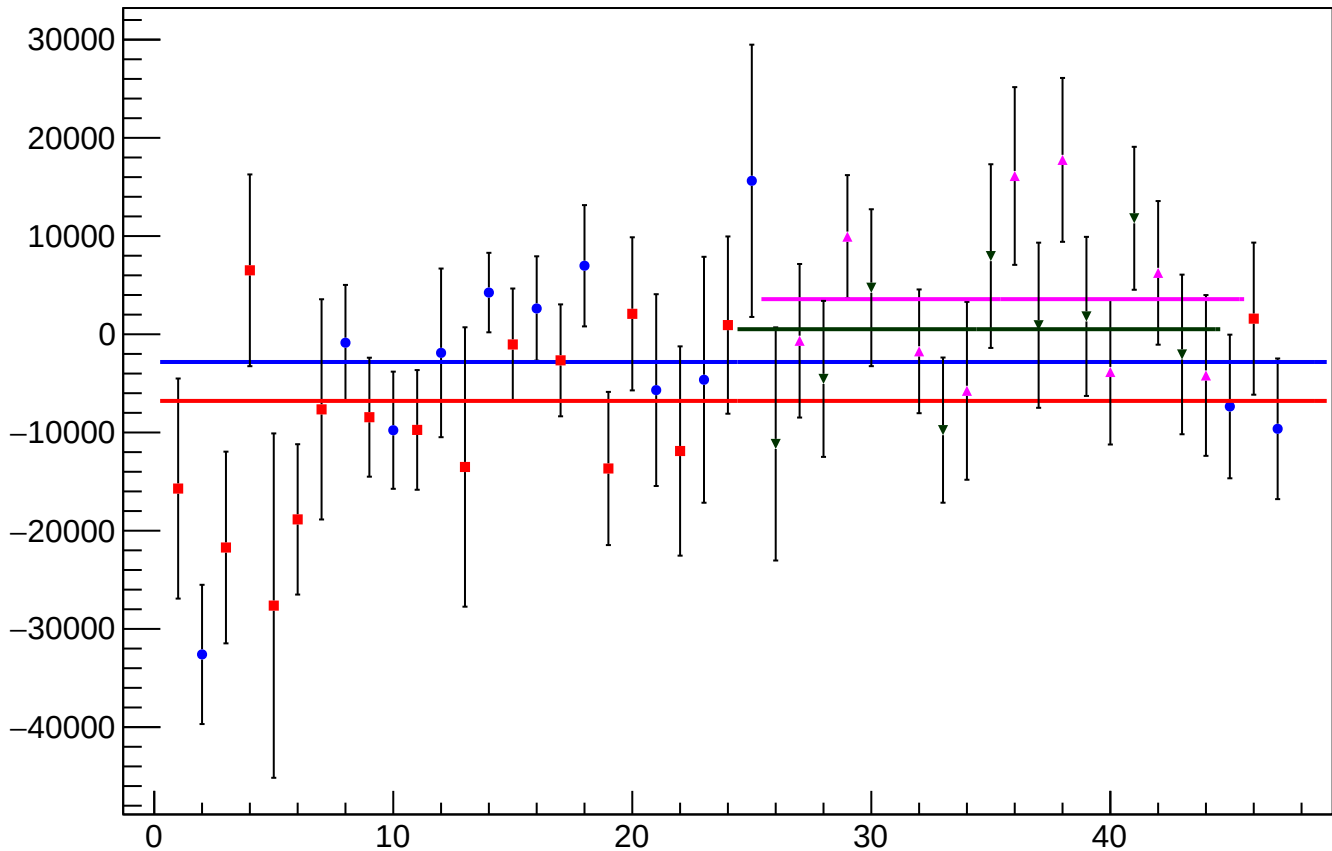
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

7218.483+/-1.094 χ^2/NDF : 8171229.6/45

Right Out: 6568.741+/-1.867 χ^2/NDF : 2819554.0/15

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

asym_sam4_mean vs slug



Right In: -2821.731 ± 1912.414 χ^2/NDF : 28.9/11

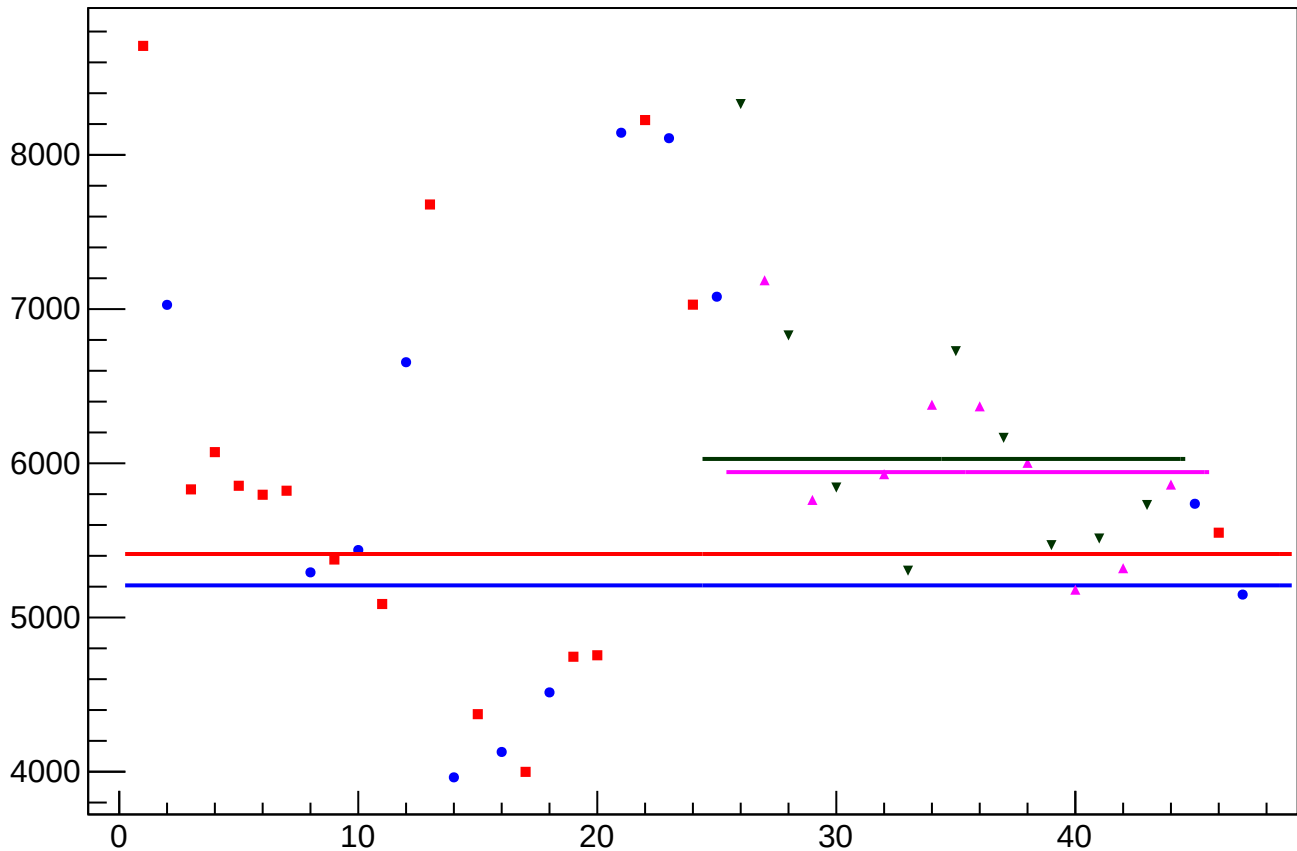
Left Out: 516.734 ± 2754.718 χ^2/NDF : 6.8/8

-2250.110 ± 1110.016 χ^2/NDF : 72.2/45

Right Out: -6785.052 ± 2005.446 χ^2/NDF : 15.0/15

Left In: 3577.200 ± 2517.750 χ^2/NDF : 10.0/8

asym_sam4_rms vs slug



Right In: 5208.288 ± 1.352 χ^2/NDF : 824255.2/11

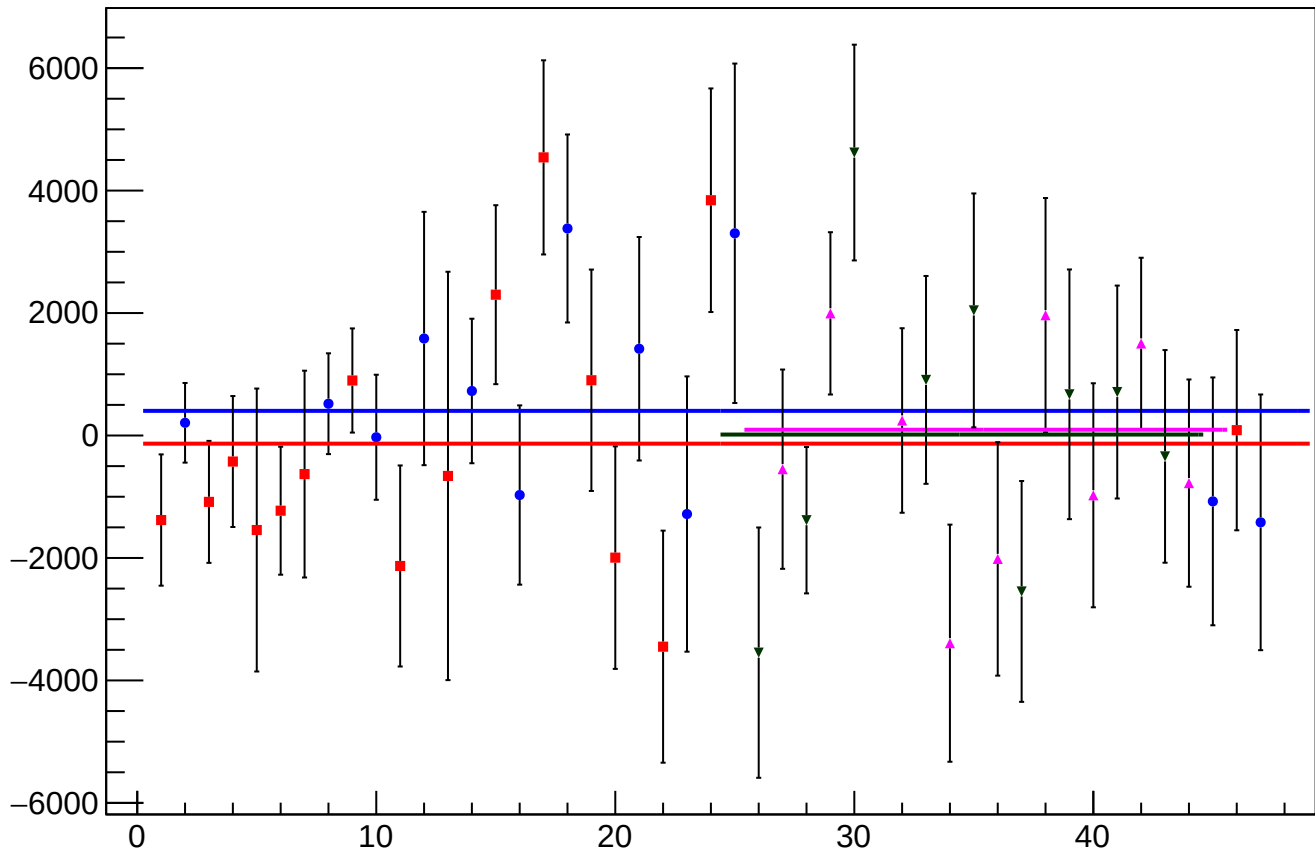
Left Out: 6028.268 ± 1.948 χ^2/NDF : 149820.8/8

5546.568 ± 0.785 χ^2/NDF : 1927859.7/45

Right Out: 5411.824 ± 1.418 χ^2/NDF : 673913.8/15

Left In: 5942.882 ± 1.780 χ^2/NDF : 97554.4/8

asym_sam5_mean vs slug



Right In: 402.549 $\pm$ 359.378 χ^2 /NDF: 8.6/11

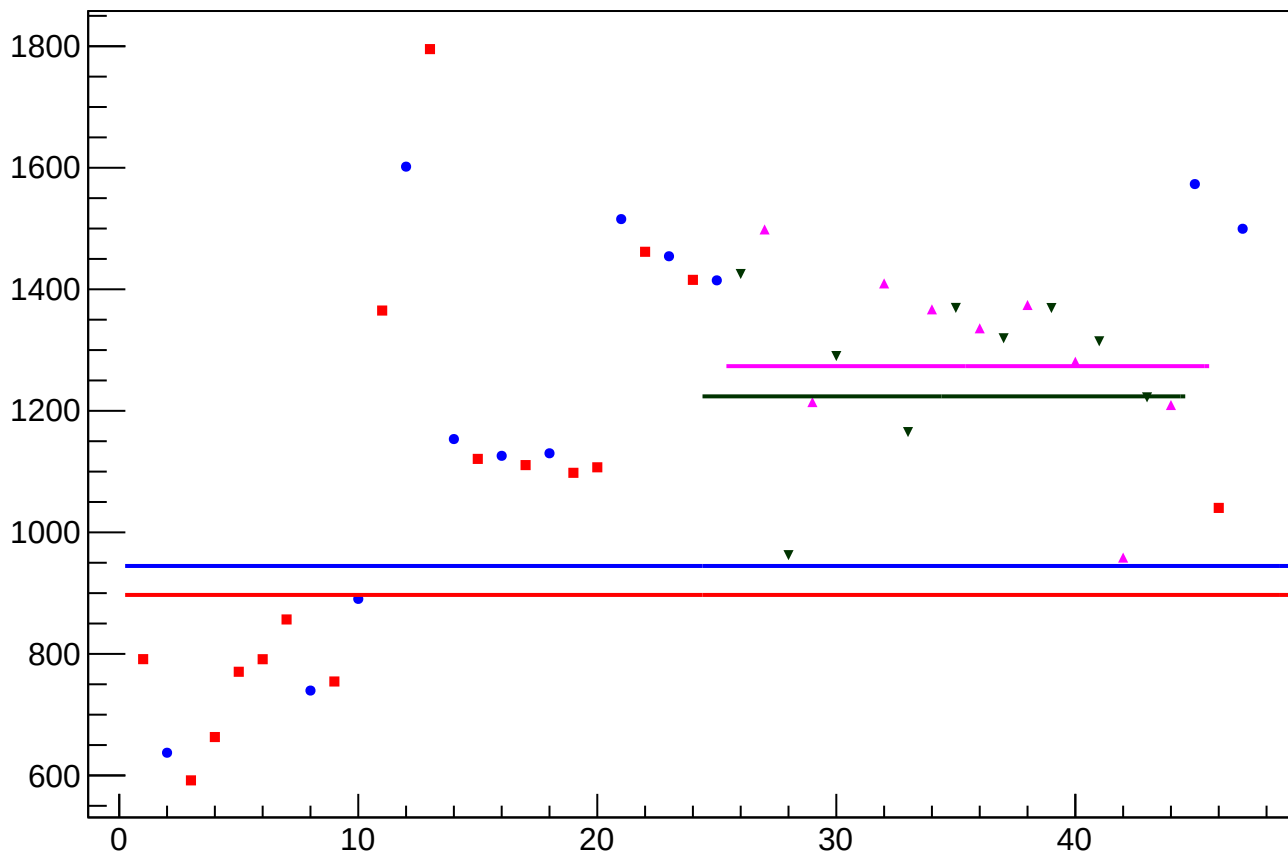
Left Out: 15.632 $\pm$ 568.606 χ^2 /NDF:15.0/8

103.839 $\pm$ 210.017 χ^2 /NDF: 61.6/45

Right Out: -133.057 $\pm$ 343.478 χ^2 /NDF: 27.5/15

Left In: 94.301 $\pm$ 545.541 χ^2 /NDF:9.3/8

asym_sam5_rms vs slug



Right In: 944.716+/-0.254 χ^2/NDF : 1590687.2/11

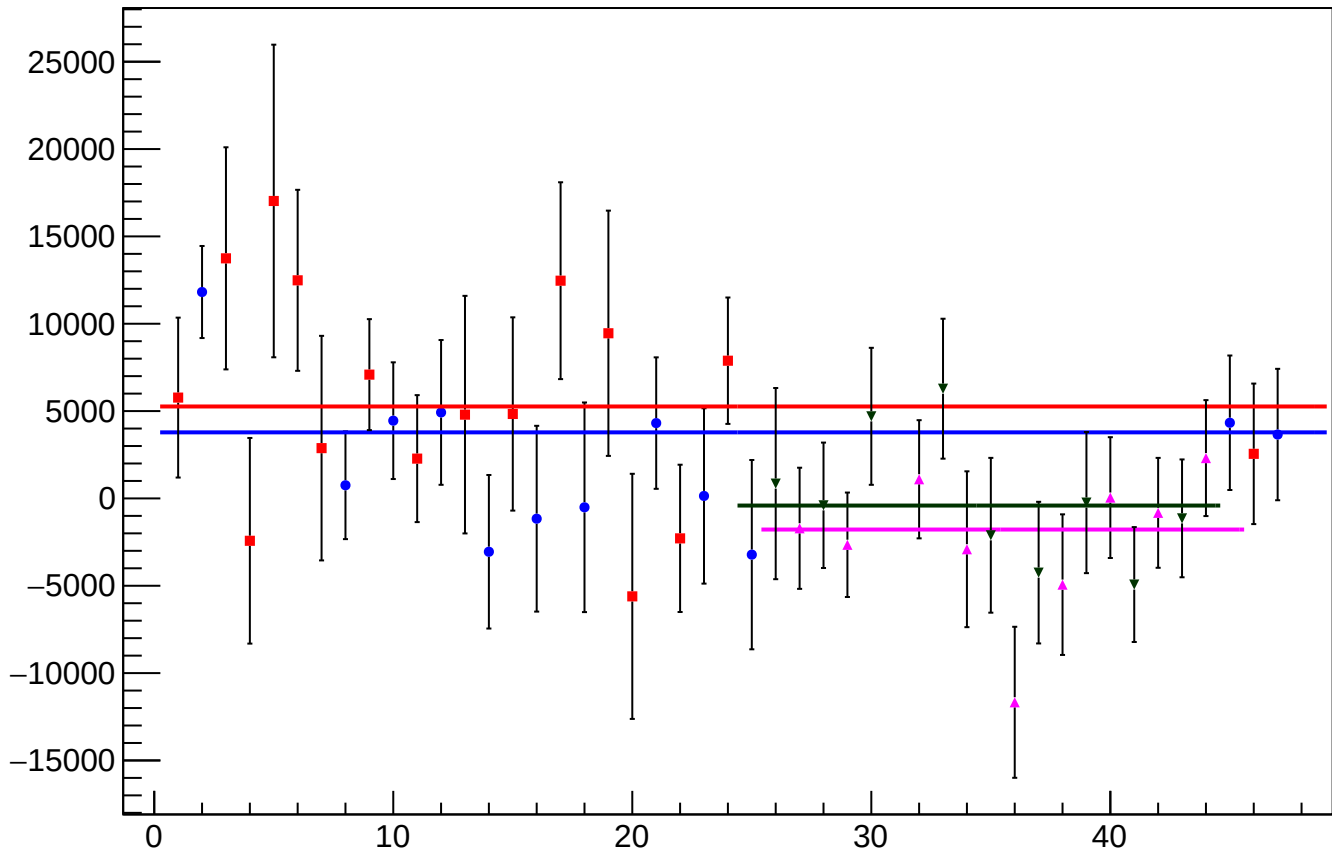
Left Out: 1223.816+/-0.402 χ^2/NDF : 153031.9/8

Right Out: 897.050+/-0.243 χ^2/NDF : 1183162.4/15

Left In: 1273.545+/-0.386 χ^2/NDF : 174989.1/8

1013.704+/-0.149 χ^2/NDF : 4133080.2/45

asym_sam6_mean vs slug



Right In: 3781.641 $\pm$ 1121.930 χ^2 /NDF: 16.4/11

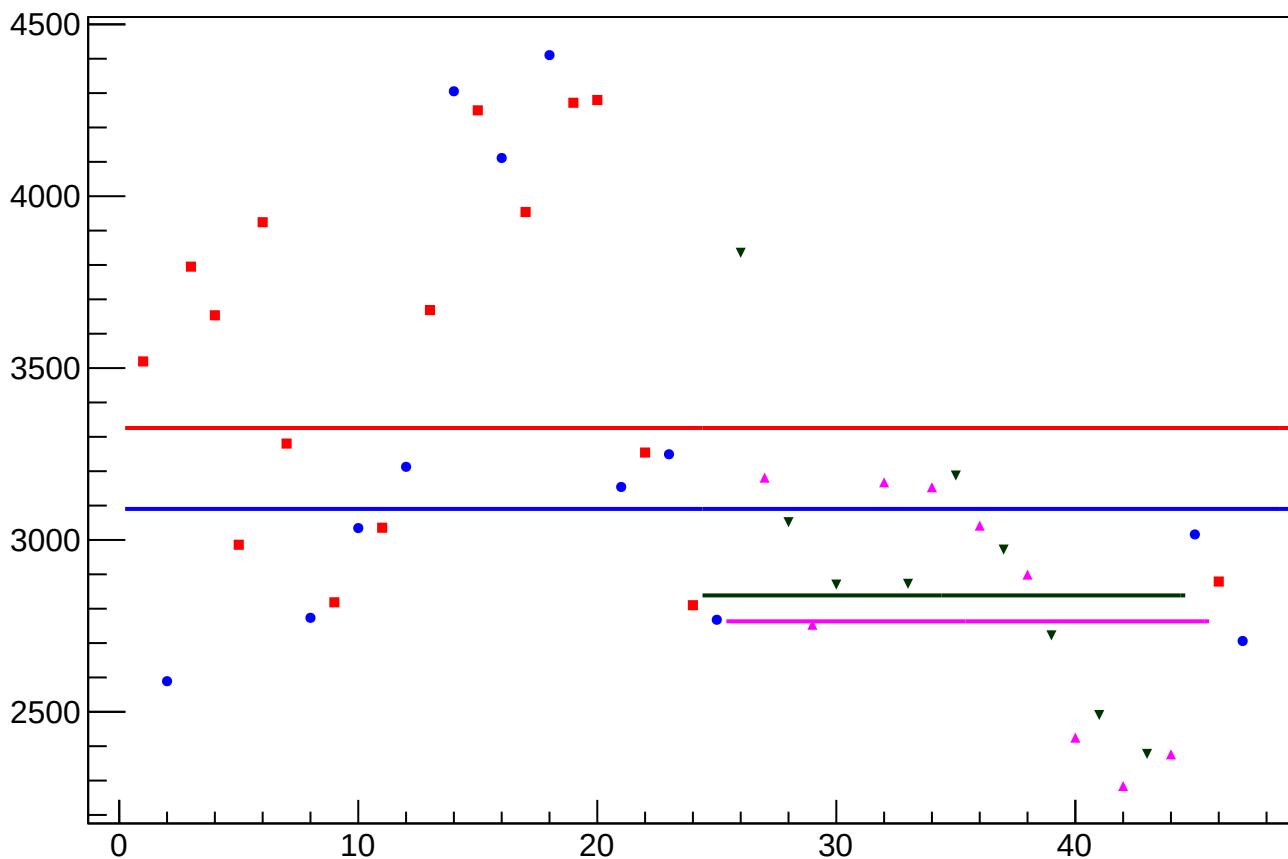
Left Out: -408.383 $\pm$ 1299.964 χ^2 /NDF: 7.5/8

1800.182 $\pm$ 599.695 χ^2 /NDF: 72.8/45

Right Out: 5263.314 $\pm$ 1220.796 χ^2 /NDF: 16.9/15

Left In: -1781.426 $\pm$ 1175.729 χ^2 /NDF: 8.6/8

asym_sam6_rms vs slug



Right In: 3090.292 $\pm$ 0.793 χ^2 /NDF: 450440.4/11

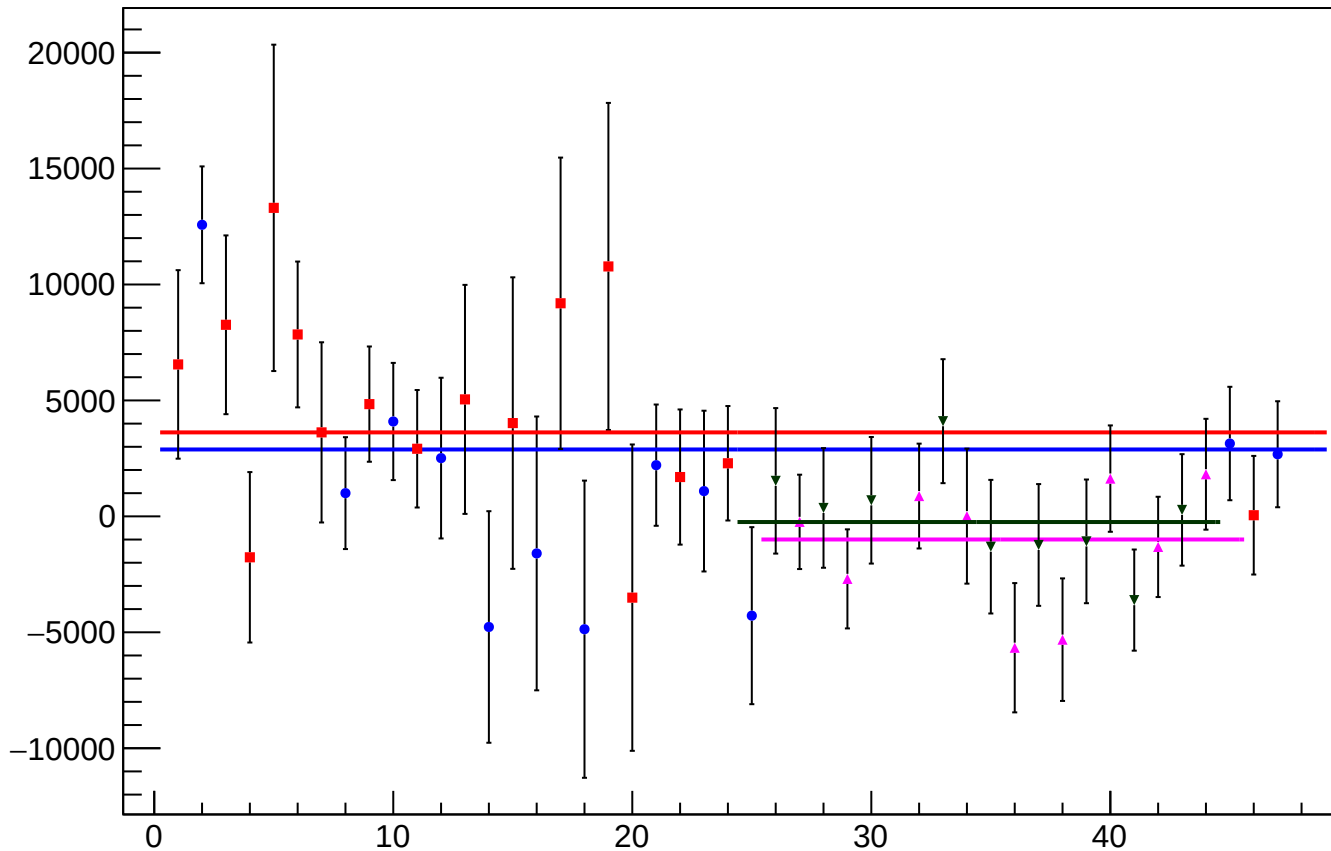
Left Out: 2838.681 $\pm$ 0.919 χ^2 /NDF:149660.0/8

Right Out: 3325.753 $\pm$ 0.863 χ^2 /NDF: 339055.6/15

Left In: 2763.346 $\pm$ 0.831 χ^2 /NDF:176297.5/8

3008.506 $\pm$ 0.424 χ^2 /NDF: 1382237.7/45

asym_sam7_mean vs slug



Right In: 2884.838 $\pm$ 870.748 χ^2/NDF : 23.9/11

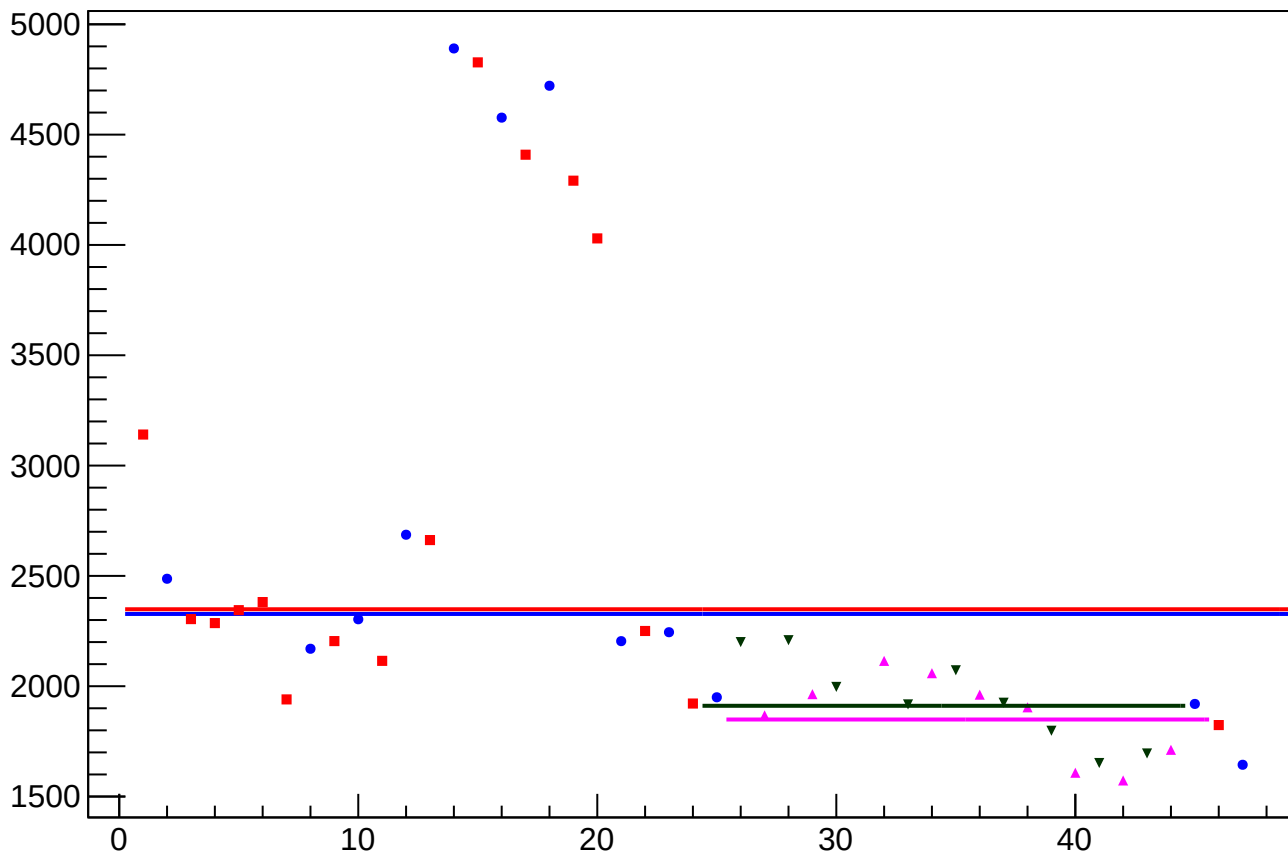
Left Out: -244.491 $\pm$ 871.961 χ^2/NDF : 5.9/8

1171.432 $\pm$ 425.029 χ^2/NDF : 75.3/45

Right Out: 3621.228 $\pm$ 885.142 χ^2/NDF : 13.9/15

Left In: -997.335 $\pm$ 784.451 χ^2/NDF : 9.8/8

asym_sam7_rms vs slug



Right In: 2327.480+/-0.616 χ^2/NDF : 1394112.3/11

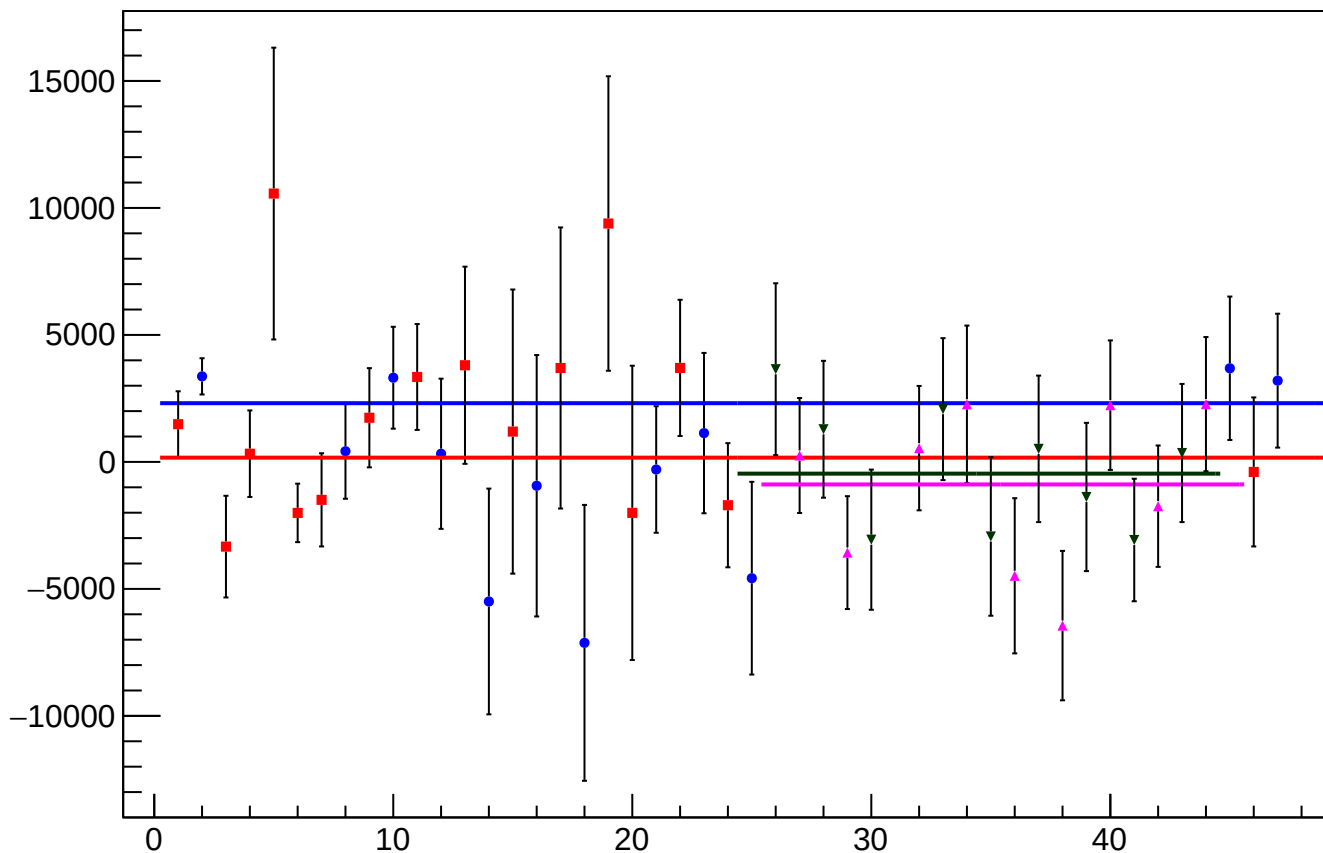
Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

Right Out: 2348.808+/-0.626 χ^2/NDF : 1084476.4/15

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

2093.066+/-0.301 χ^2/NDF : 3280187.1/45

asym_sam8_mean vs slug



Right In: 2312.221 $\pm$ 547.713 χ^2 /NDF: 15.3/11

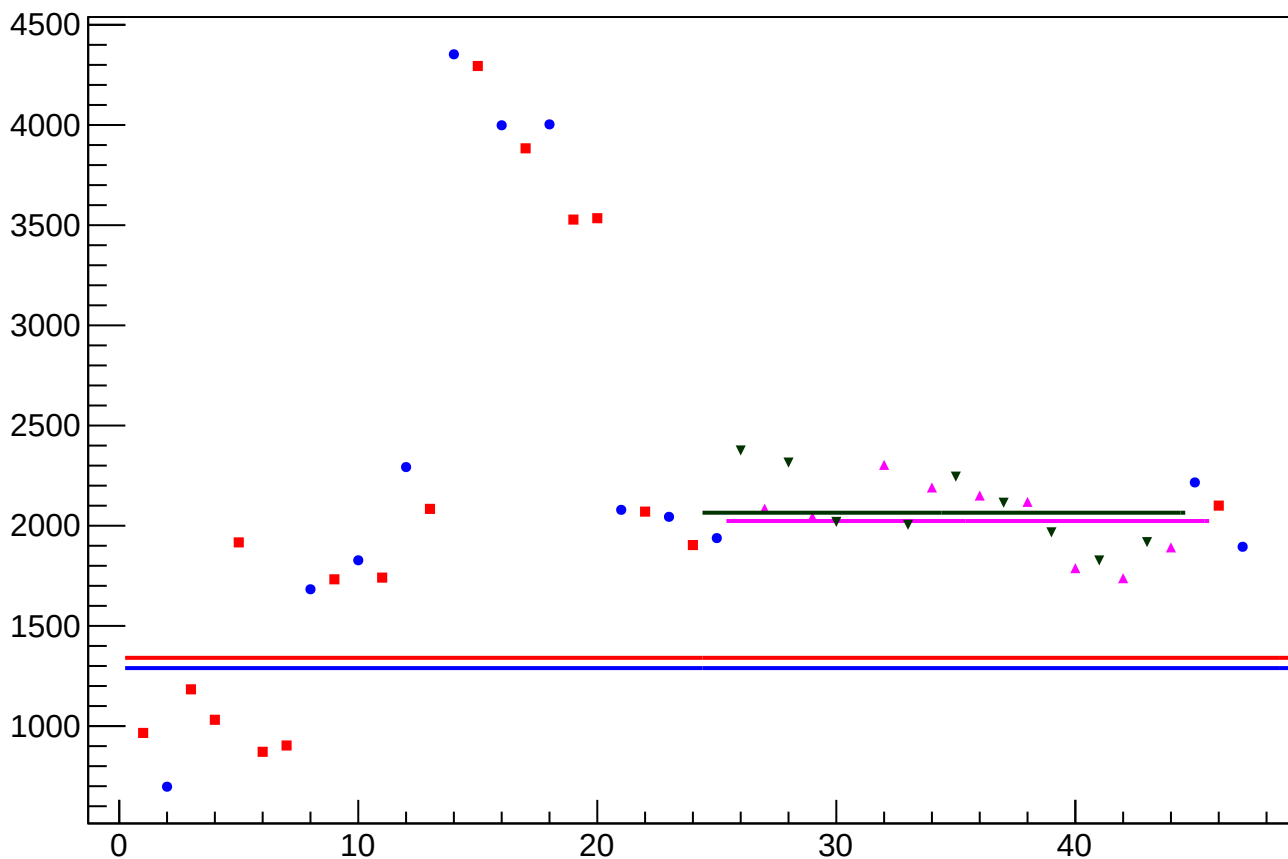
Left Out: -461.681 $\pm$ 939.996 χ^2 /NDF: 5.7/8

Right Out: 167.745 $\pm$ 544.065 χ^2 /NDF: 21.1/15

Left In: -886.546 $\pm$ 856.447 χ^2 /NDF: 11.1/8

710.692 $\pm$ 329.568 χ^2 /NDF: 67.8/45

asym_sam8_rms vs slug



Right In: 1289.465+/-0.387 χ^2/NDF : 4536255.6/11

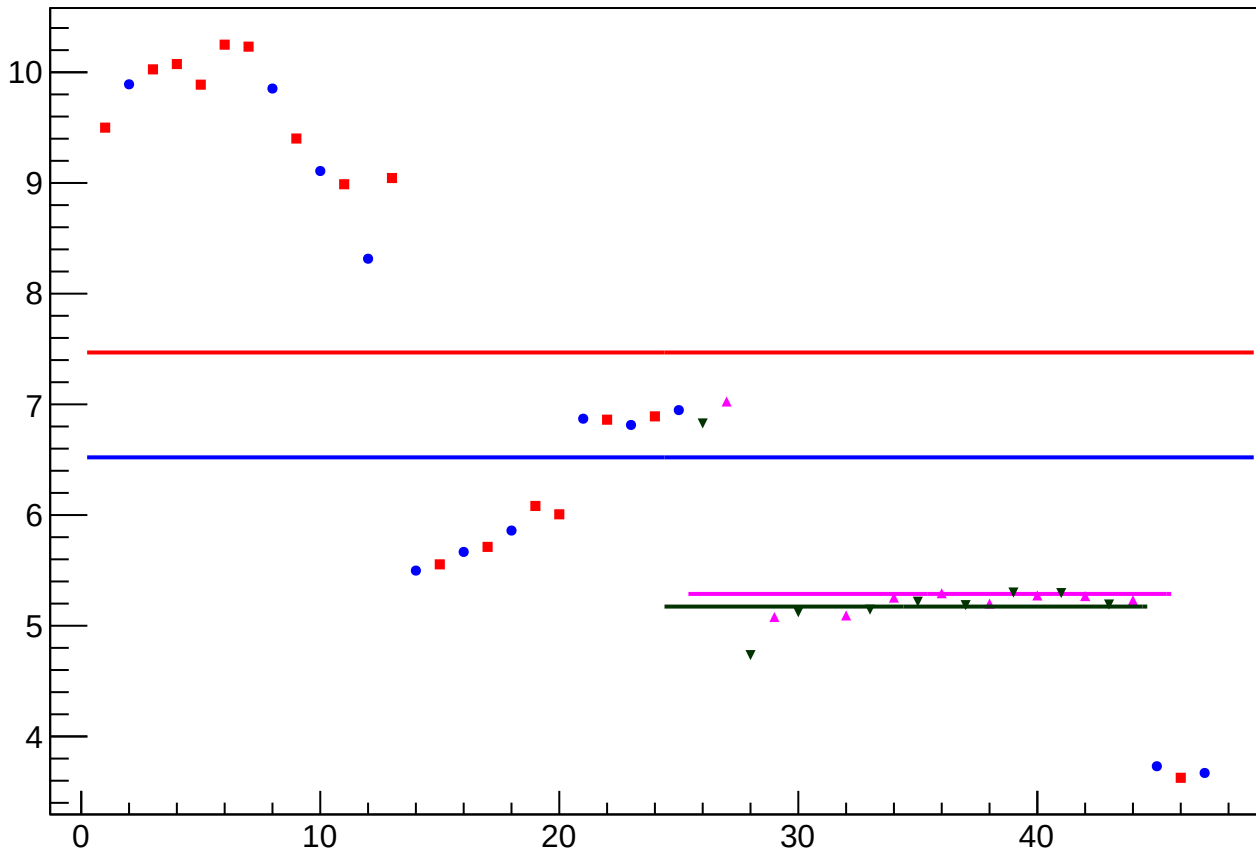
Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

Right Out: 1340.683+/-0.385 χ^2/NDF : 2879020.0/15

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

1512.281+/-0.233 χ^2/NDF : 9509445.8/45

yield_sam1_mean vs slug



Right In: 6.521+/-0.000 χ^2/NDF : 116815255433.3/11

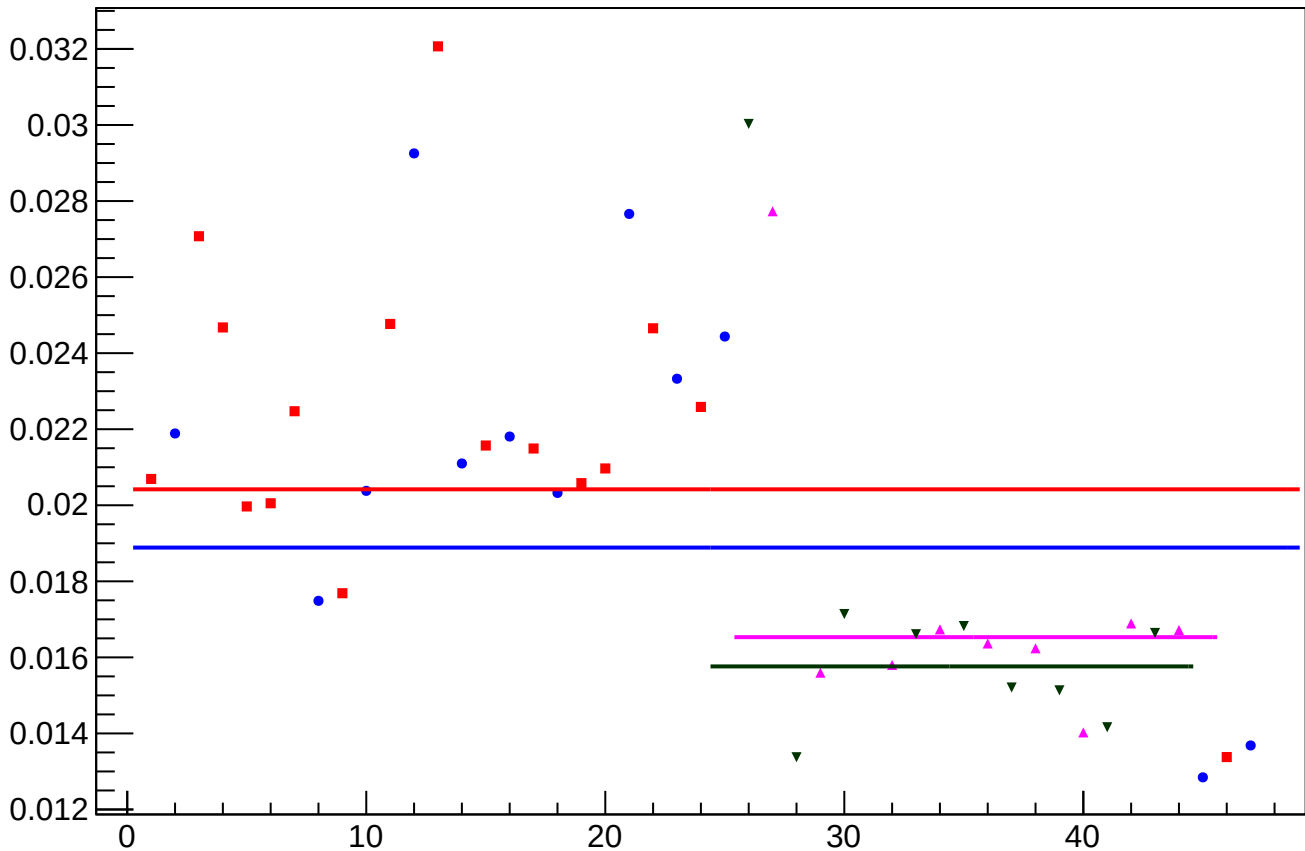
Left Out: 5.173+/-0.000 χ^2/NDF : 2171910592.0/8

6.083+/-0.000 χ^2/NDF : 272238794099.7/45

Right Out: 7.469+/-0.000 χ^2/NDF : 87761417601.0/15

Left In: 5.287+/-0.000 χ^2/NDF : 3281290033.8/8

yield_sam1_rms vs slug



Right In: 0.019+/-0.000 χ^2/NDF : 832858.3/11

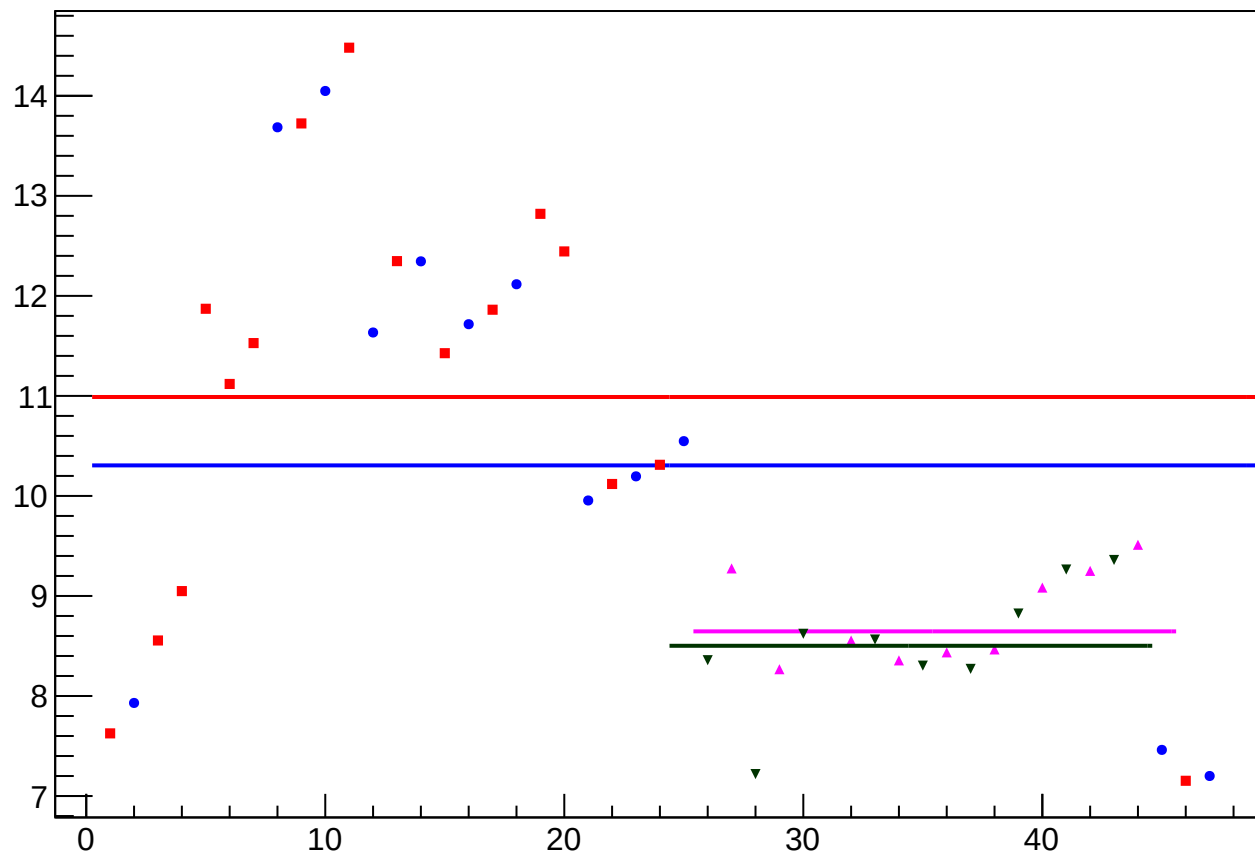
Left Out: 0.016+/-0.000 χ^2/NDF : 286549.4/8

0.018+/-0.000 χ^2/NDF : 2400668.0/45

Right Out: 0.020+/-0.000 χ^2/NDF : 510956.6/15

Left In: 0.017+/-0.000 χ^2/NDF : 288822.9/8

yield_sam2_mean vs slug



Right In: 10.305+/-0.000 χ^2/NDF : 1943583450.5/11

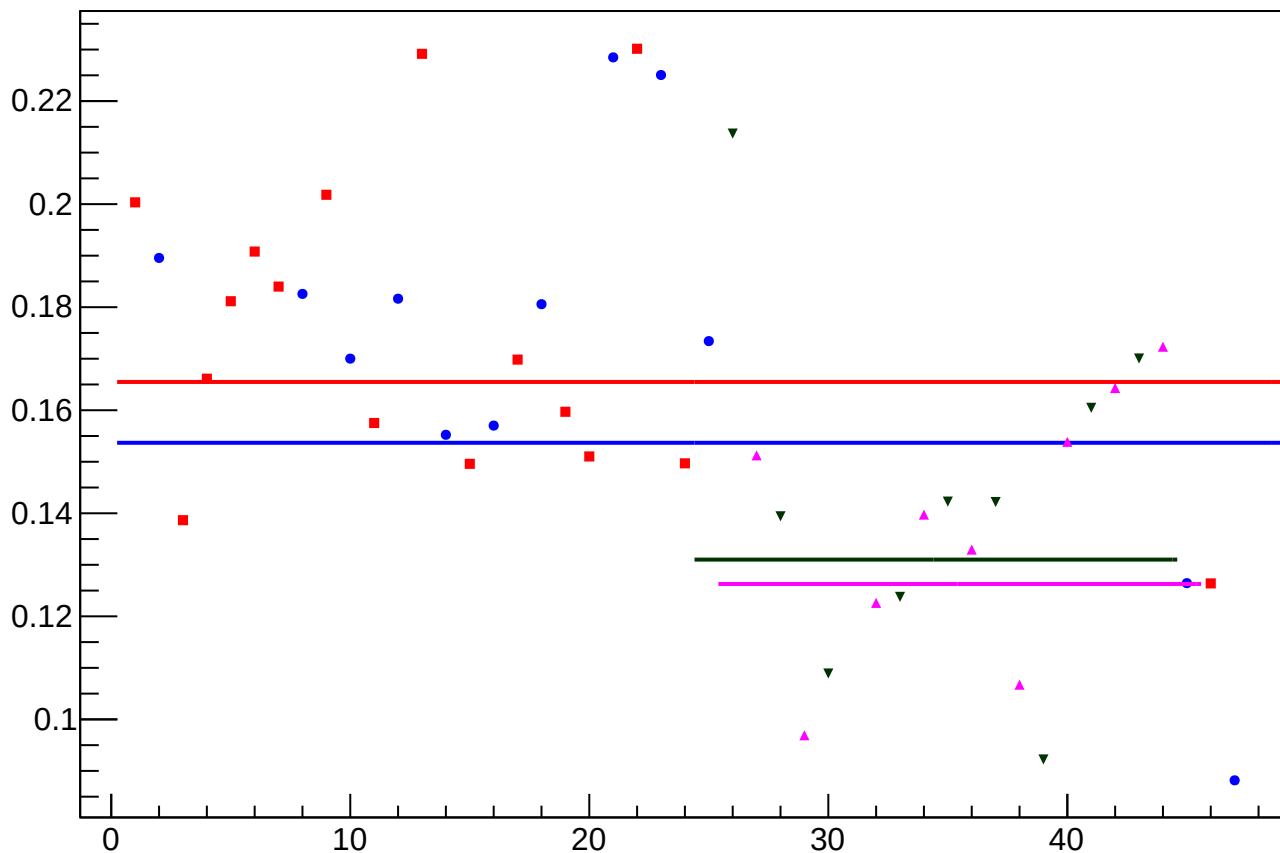
Left Out: 8.502+/-0.000 χ^2/NDF : 87030324.5/8

Right Out: 10.989+/-0.000 χ^2/NDF : 1283560142.9/15

Left In: 8.646+/-0.000 χ^2/NDF : 53831868.3/8

9.581+/-0.000 χ^2/NDF : 4604267456.6/45

yield_sam2_rms vs slug



Right In: 0.154 ± 0.000 χ^2/NDF : 953175.5/11

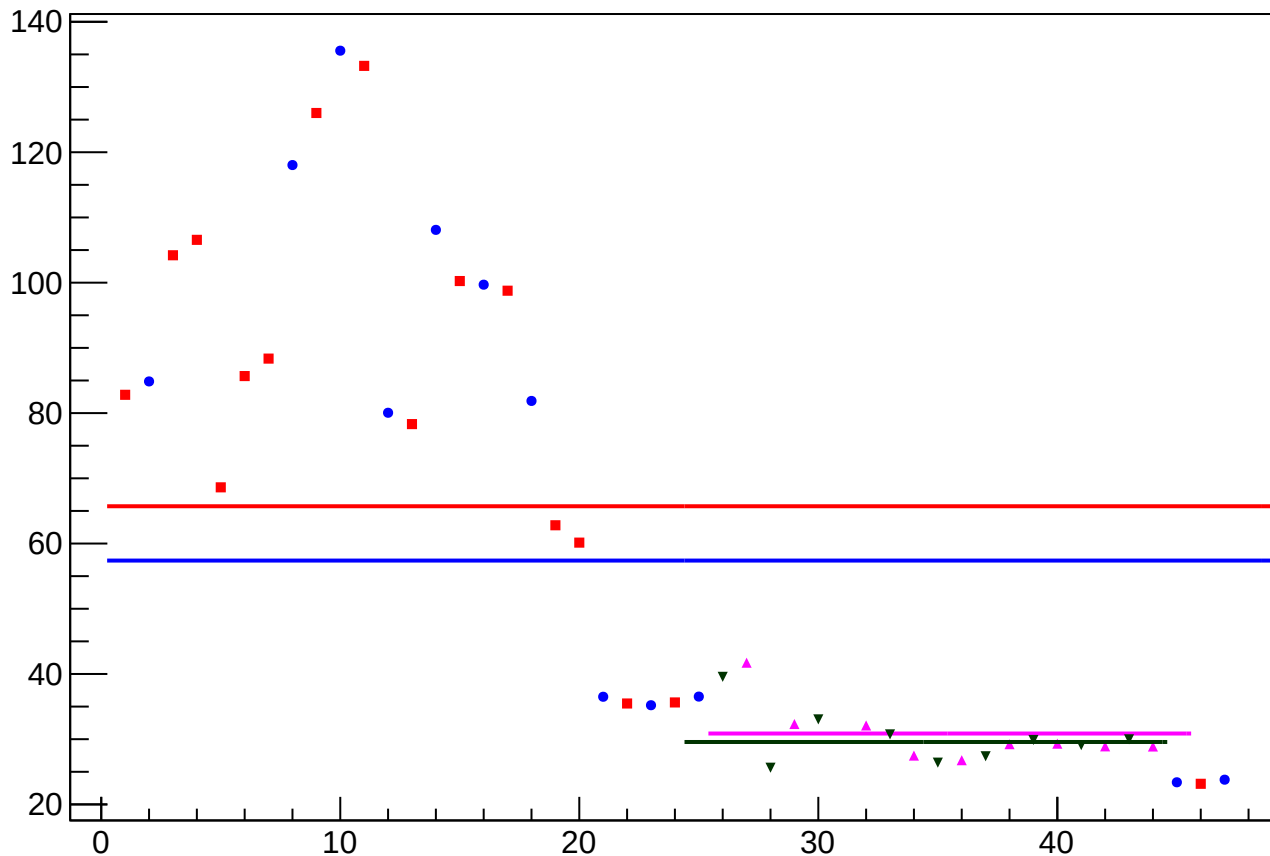
Left Out: 0.131 ± 0.000 χ^2/NDF : 439839.4/8

Right Out: 0.165 ± 0.000 χ^2/NDF : 384931.6/15

Left In: 0.126 ± 0.000 χ^2/NDF : 385330.3/8

0.143 ± 0.000 χ^2/NDF : 2740275.3/45

yield_sam3_mean vs slug



Right In: 57.389+/-0.000 χ^2/NDF : 18142190978.2/11

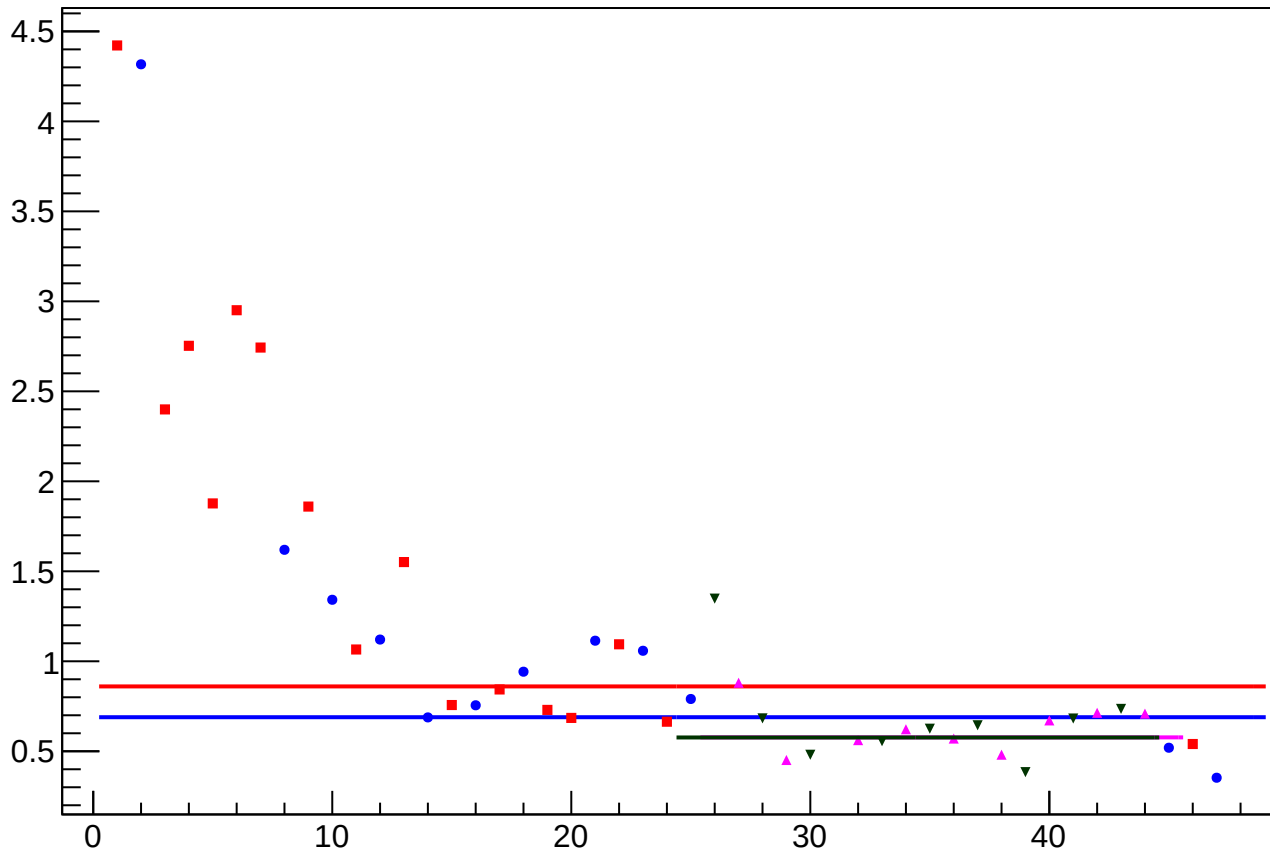
Left Out: 29.571+/-0.000 χ^2/NDF : 93290313.8/8

Right Out: 65.718+/-0.000 χ^2/NDF : 9847580881.7/15

Left In: 30.869+/-0.000 χ^2/NDF : 179537266.9/8

42.683+/-0.000 χ^2/NDF : 39026764574.3/45

yield_sam3_rms vs slug



Right In: 0.689 $\pm$ 0.000 χ^2 /NDF: 3692558.8/11

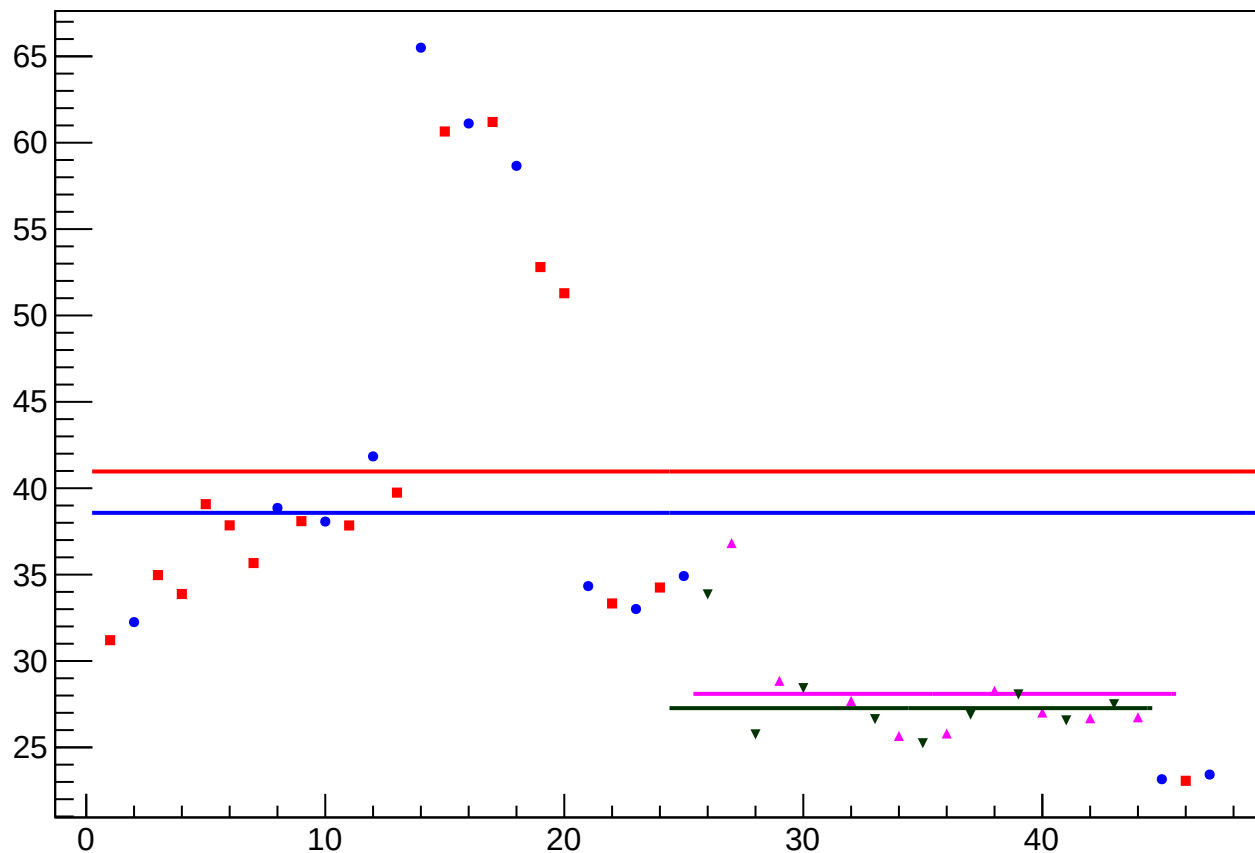
Left Out: 0.577 $\pm$ 0.000 χ^2 /NDF: 676625.4/8

0.650 $\pm$ 0.000 χ^2 /NDF: 9040432.8/45

Right Out: 0.860 $\pm$ 0.000 χ^2 /NDF: 3250767.5/15

Left In: 0.577 $\pm$ 0.000 χ^2 /NDF: 428935.9/8

yield_sam4_mean vs slug



Right In: 38.576+/-0.000 χ^2/NDF : 12299144056.8/11

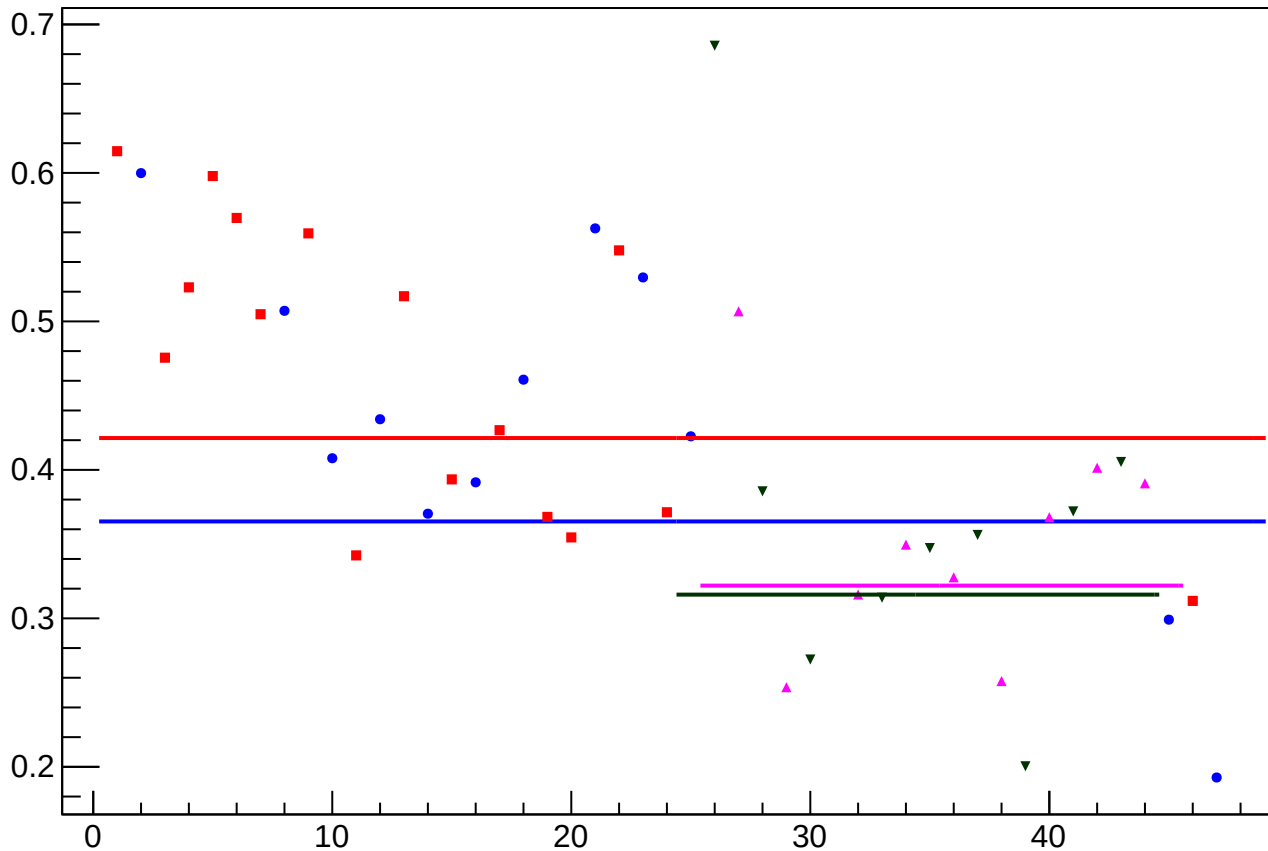
Left Out: 27.271+/-0.000 χ^2/NDF : 91724443.9/8

Right Out: 40.968+/-0.000 χ^2/NDF : 5214229233.1/15

Left In: 28.098+/-0.000 χ^2/NDF : 296121345.2/8

33.561+/-0.000 χ^2/NDF : 24388373892.1/45

yield_sam4_rms vs slug



Right In: 0.365+/-0.000 χ^2/NDF : 1533758.7/11

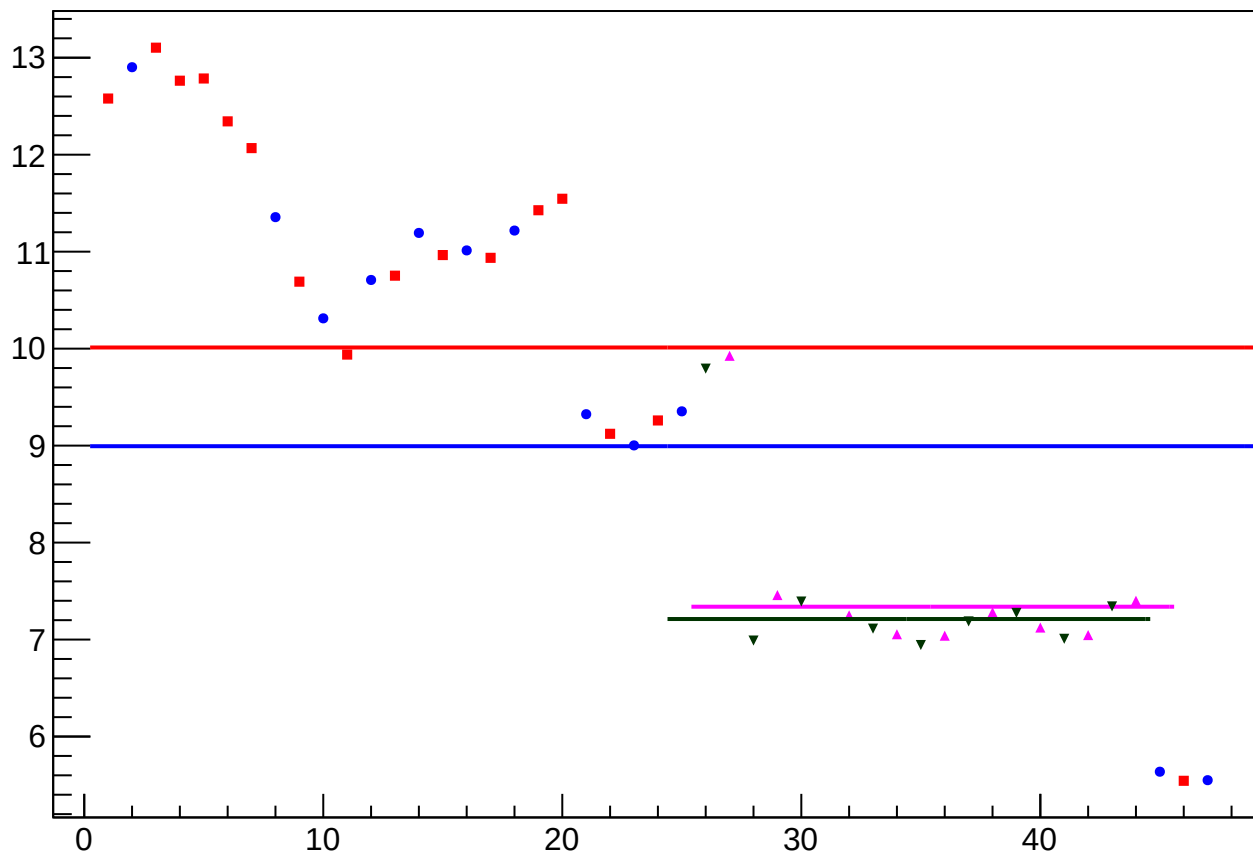
Left Out: 0.316+/-0.000 χ^2/NDF : 714939.2/8

0.354+/-0.000 χ^2/NDF : 3950023.3/45

Right Out: 0.421+/-0.000 χ^2/NDF : 656272.5/15

Left In: 0.322+/-0.000 χ^2/NDF : 461584.6/8

yield_sam5_mean vs slug



Right In: 8.994 $\pm$ 0.000 χ^2 /NDF: 75316513069.5/11

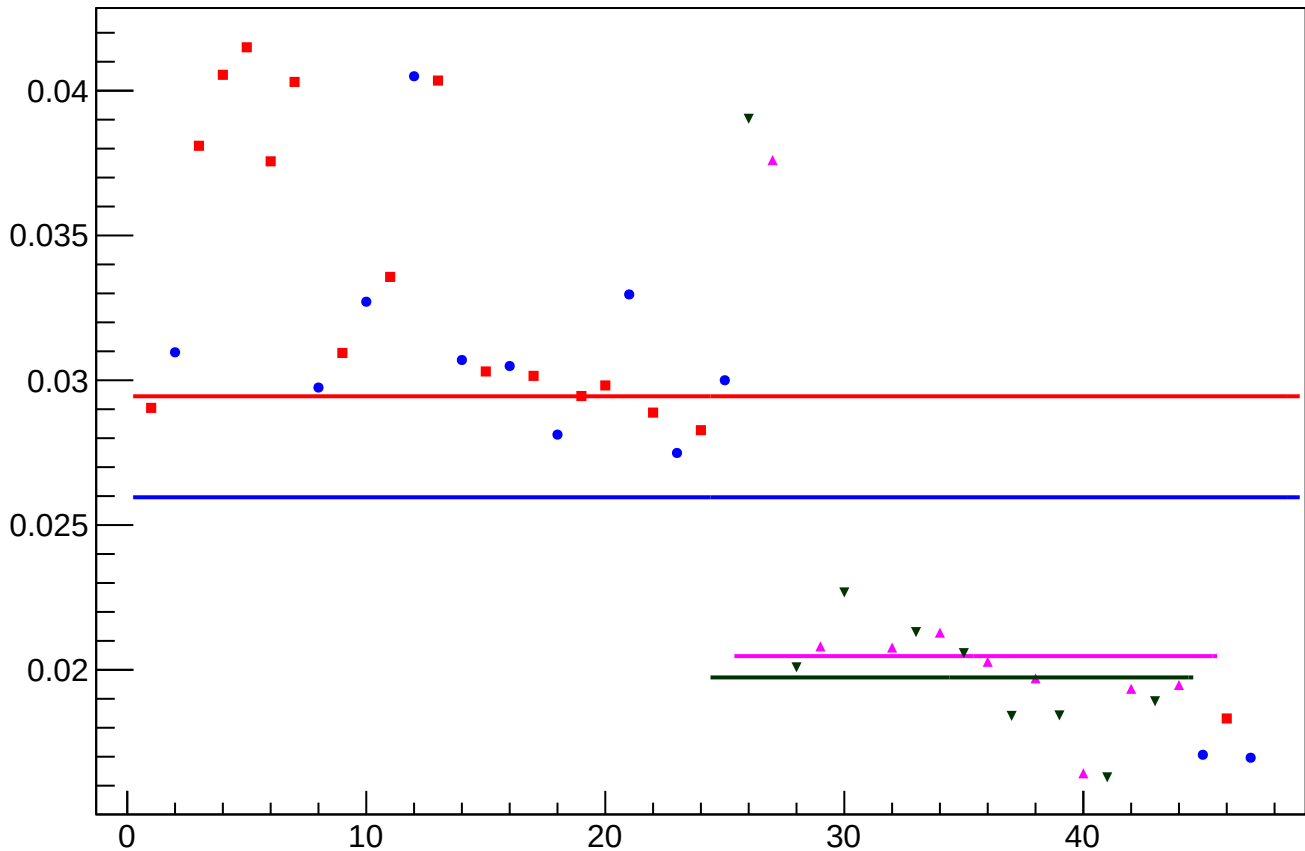
Left Out: 7.212 $\pm$ 0.000 χ^2 /NDF: 2423843108.1/8

Right Out: 10.012 $\pm$ 0.000 χ^2 /NDF: 42440222509.7/15

Left In: 7.339 $\pm$ 0.000 χ^2 /NDF: 4002198010.6/8

8.214 $\pm$ 0.000 χ^2 /NDF: 176933549650.5/45

yield_sam5_rms vs slug



Right In: 0.026+/-0.000 χ^2/NDF : 1027031.4/11

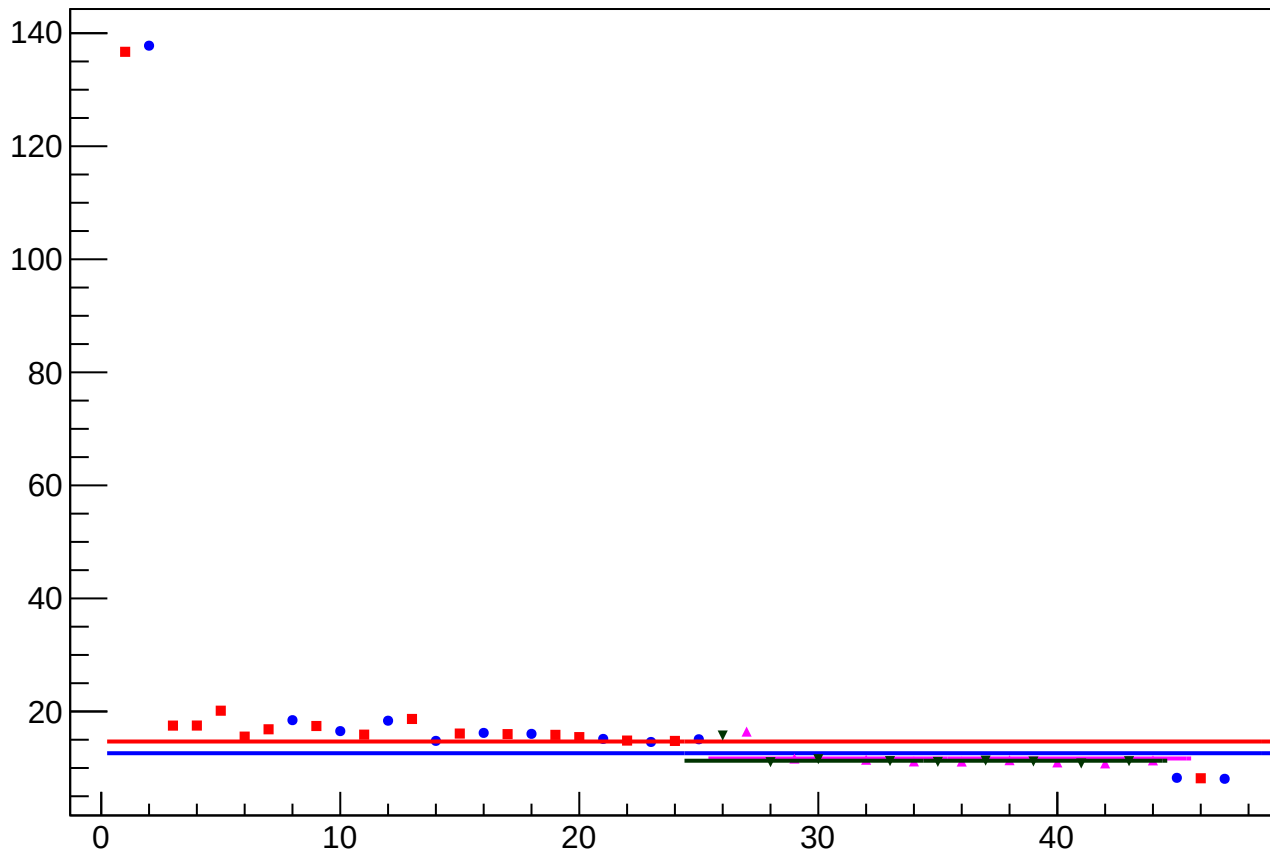
Left Out: 0.020+/-0.000 χ^2/NDF : 320666.8/8

Right Out: 0.029+/-0.000 χ^2/NDF : 596645.6/15

Left In: 0.020+/-0.000 χ^2/NDF : 380337.5/8

0.023+/-0.000 χ^2/NDF : 3555031.9/45

yield_sam6_mean vs slug



Right In: 12.613+/-0.000 χ^2/NDF : 34497125637.2/11

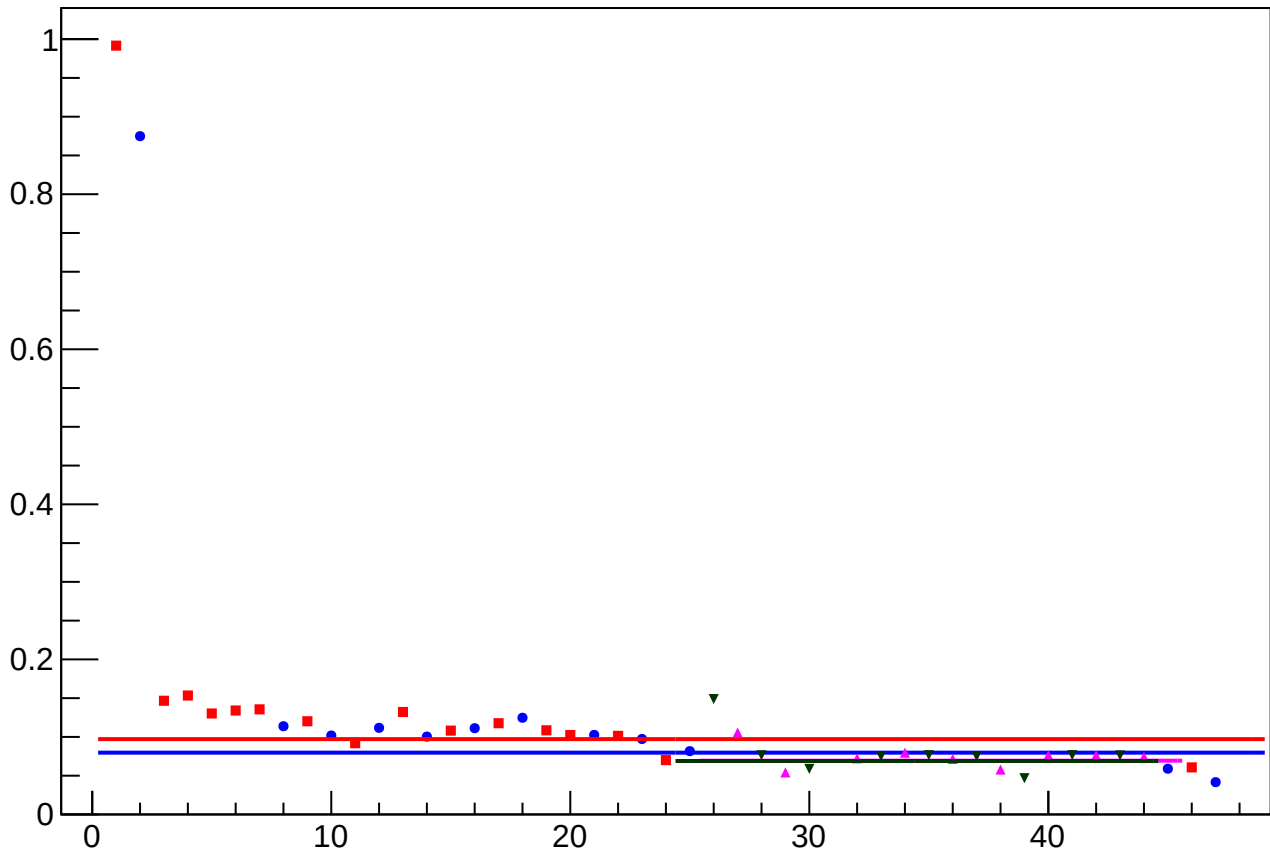
Left Out: 11.286+/-0.000 χ^2/NDF : 475416737.8/8

Right Out: 14.684+/-0.000 χ^2/NDF : 13939038546.4/15

Left In: 11.681+/-0.000 χ^2/NDF : 1757980198.1/8

12.386+/-0.000 χ^2/NDF : 55851979576.2/45

yield_sam6_rms vs slug



Right In: 0.080+/-0.000 χ^2/NDF : 3142533.4/11

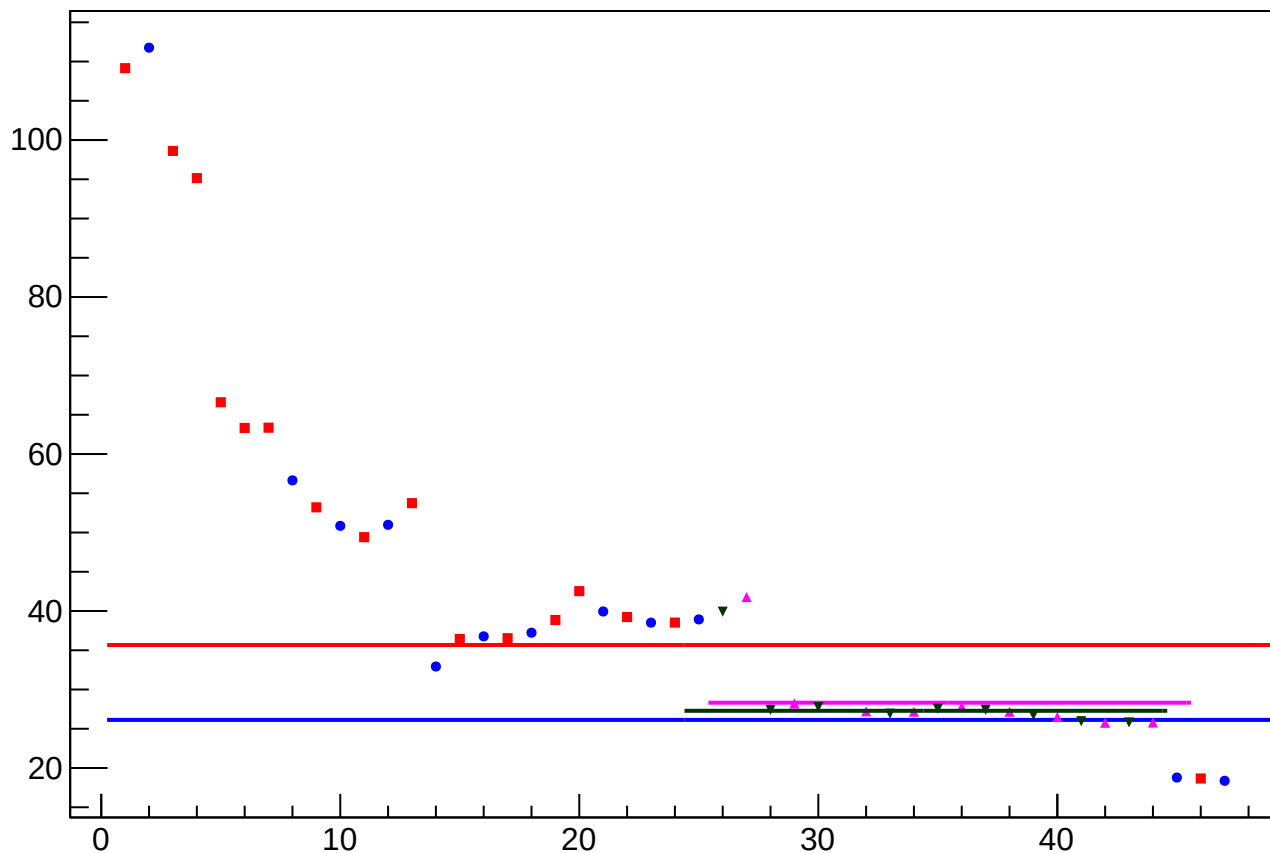
Left Out: 0.069+/-0.000 χ^2/NDF : 543679.6/8

0.077+/-0.000 χ^2/NDF : 6616702.7/45

Right Out: 0.097+/-0.000 χ^2/NDF : 1752326.6/15

Left In: 0.069+/-0.000 χ^2/NDF : 382719.7/8

yield_sam7_mean vs slug



Right In: 26.129+/-0.000 χ^2/NDF : 63822815766.6/11

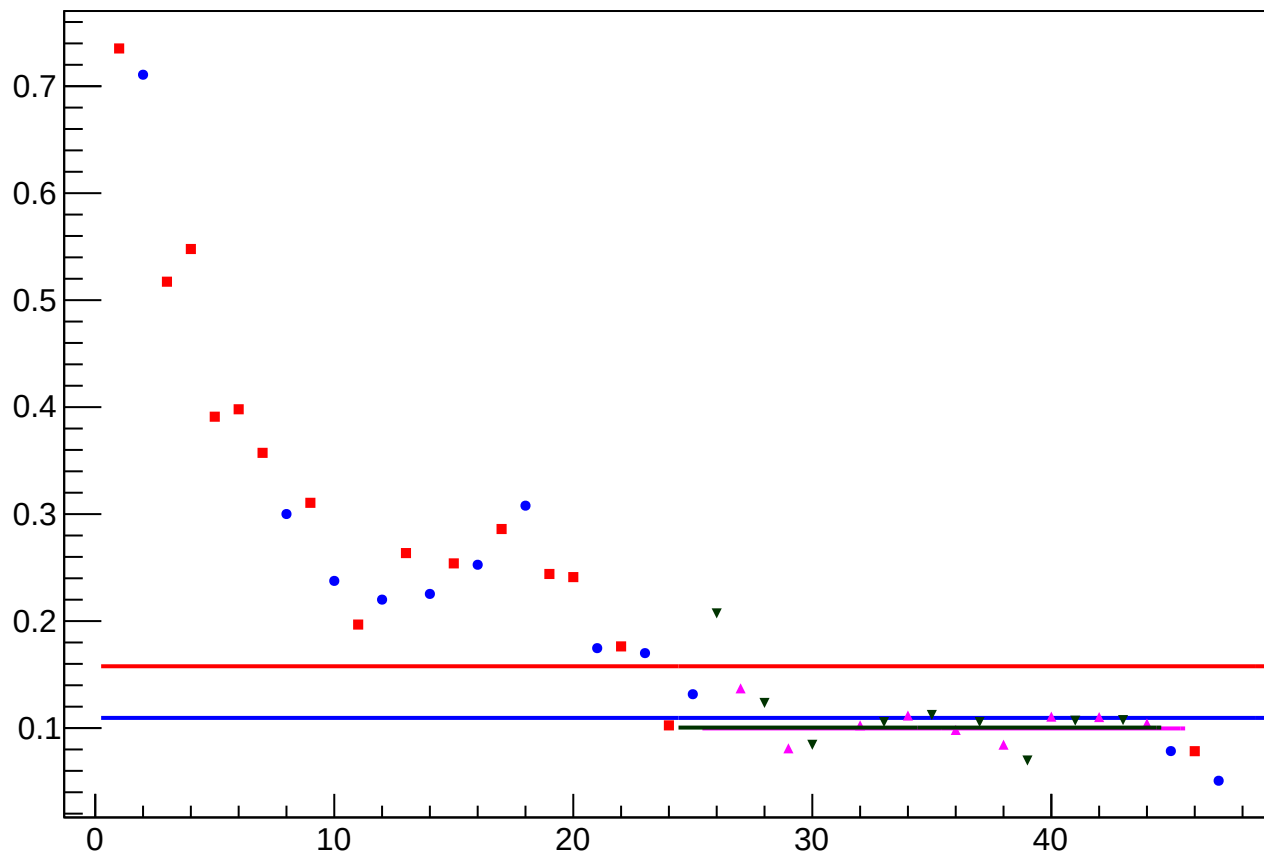
Left Out: 27.289+/-0.000 χ^2/NDF :1982133147.3/8

Right Out: 35.669+/-0.000 χ^2/NDF : 46129040940.3/15

Left In: 28.322+/-0.000 χ^2/NDF :8116600744.9/8

28.465+/-0.000 χ^2/NDF : 133228760907.9/45

yield_sam7_rms vs slug



Right In: 0.109+/-0.000 χ^2/NDF : 5652702.5/11

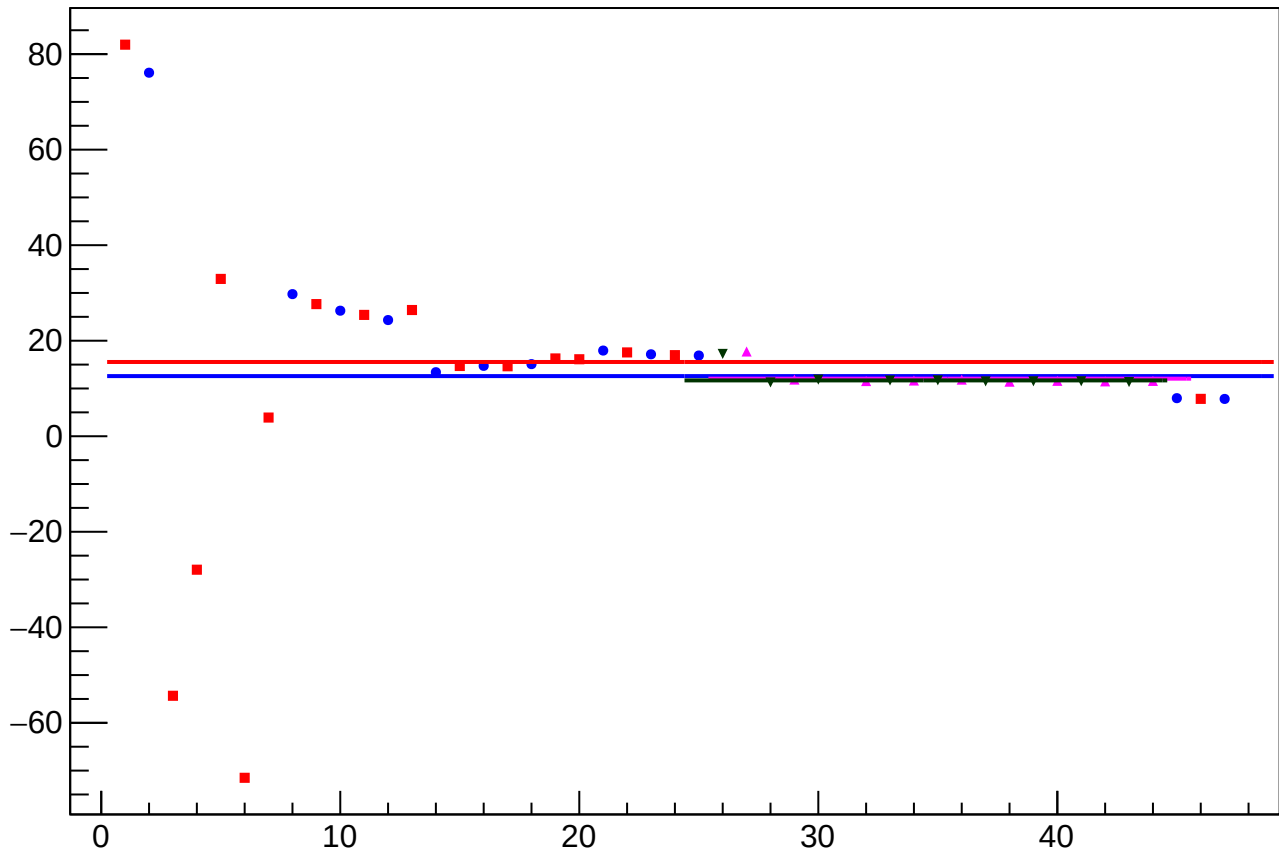
Left Out: 0.100+/-0.000 χ^2/NDF : 510789.5/8

Right Out: 0.158+/-0.000 χ^2/NDF : 4130821.9/15

Left In: 0.100+/-0.000 χ^2/NDF : 255423.8/8

0.110+/-0.000 χ^2/NDF : 11659963.3/45

yield_sam8_mean vs slug



Right In: 12.592+/-0.000 χ^2 /NDF: 151851756230.8/11

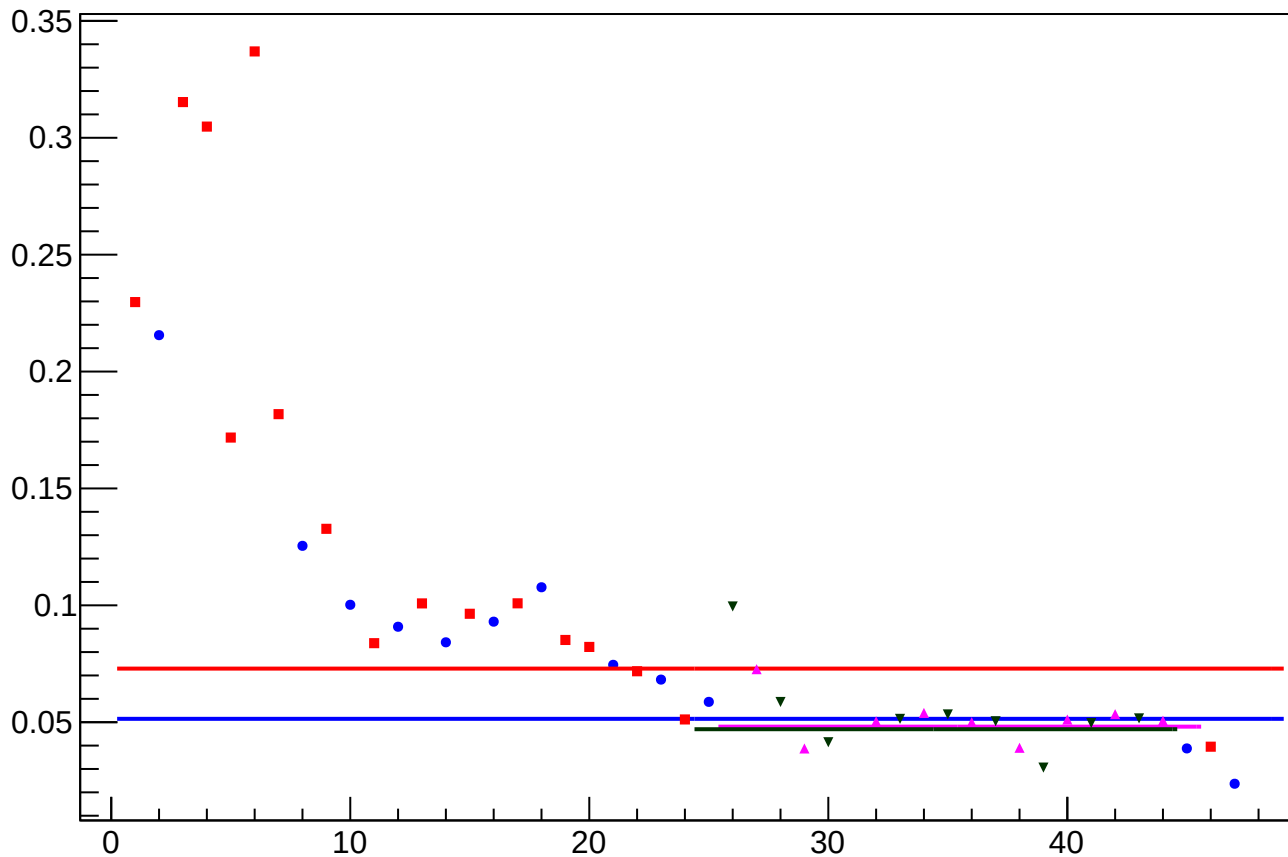
Left Out: 11.692+/-0.000 χ^2 /NDF: 1573980124.5/8

Right Out: 15.548+/-0.000 χ^2 /NDF: 136869007471.8/15

Left In: 12.055+/-0.000 χ^2 /NDF: 5109211939.8/8

12.591+/-0.000 χ^2 /NDF: 306324423243.7/45

yield_sam8_rms vs slug



Right In: 0.051 $\pm$ 0.000 χ^2 /NDF: 4544837.8/11

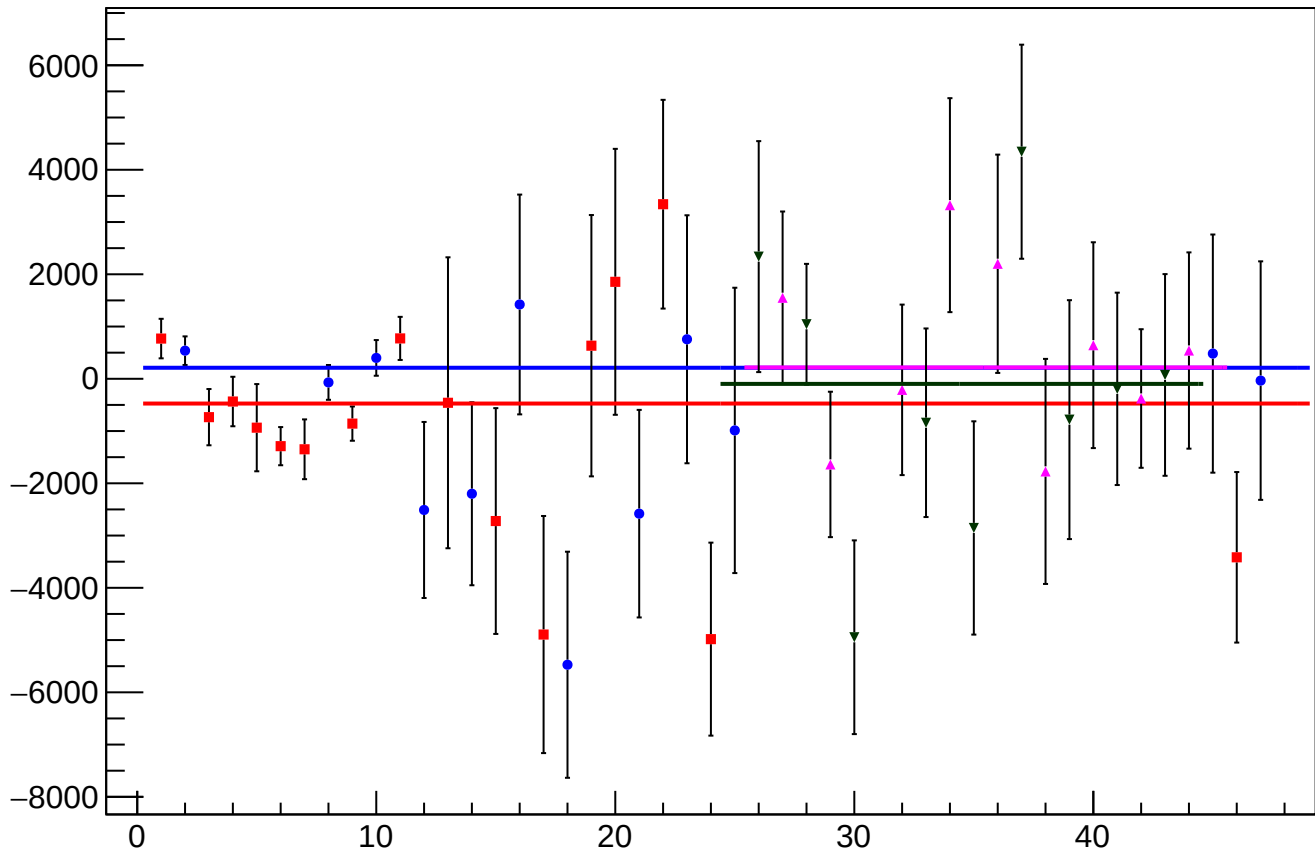
Left Out: 0.047 $\pm$ 0.000 χ^2 /NDF:613205.8/8

Right Out: 0.073 $\pm$ 0.000 χ^2 /NDF: 3430417.5/15

Left In: 0.048 $\pm$ 0.000 χ^2 /NDF:348771.4/8

0.052 $\pm$ 0.000 χ^2 /NDF: 9975016.1/45

cor_sam1_mean vs slug



Right In: 211.199 $\pm$ 173.968 χ^2 /NDF: 16.4/11

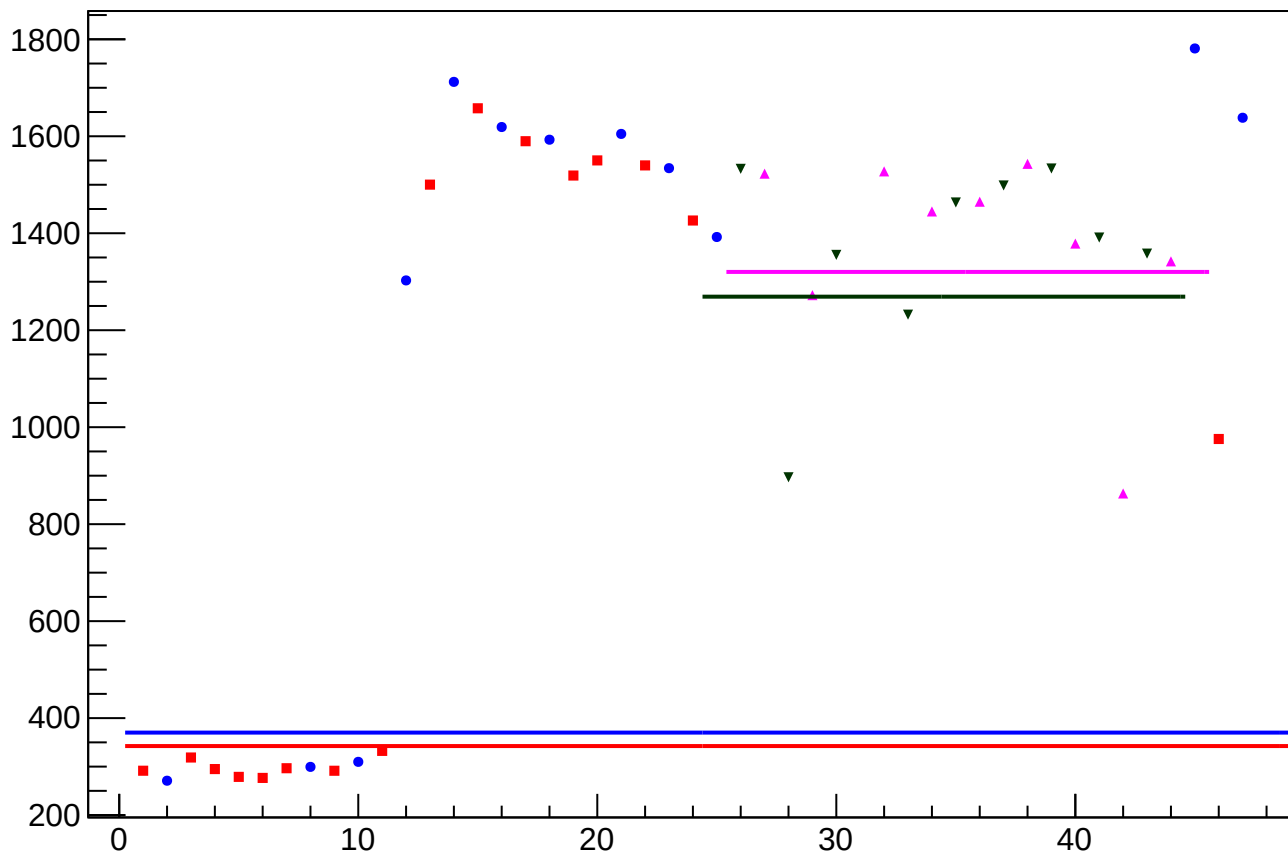
Left Out: -97.646 $\pm$ 599.085 χ^2 /NDF:15.8/8

-161.963 $\pm$ 109.950 χ^2 /NDF: 96.4/45

Right Out: -473.688 $\pm$ 151.031 χ^2 /NDF: 48.0/15

Left In: 216.993 $\pm$ 572.356 χ^2 /NDF:6.8/8

cor_sam1_rms vs slug



Right In: 370.150+/-0.123 χ^2/NDF : 6466927.0/11

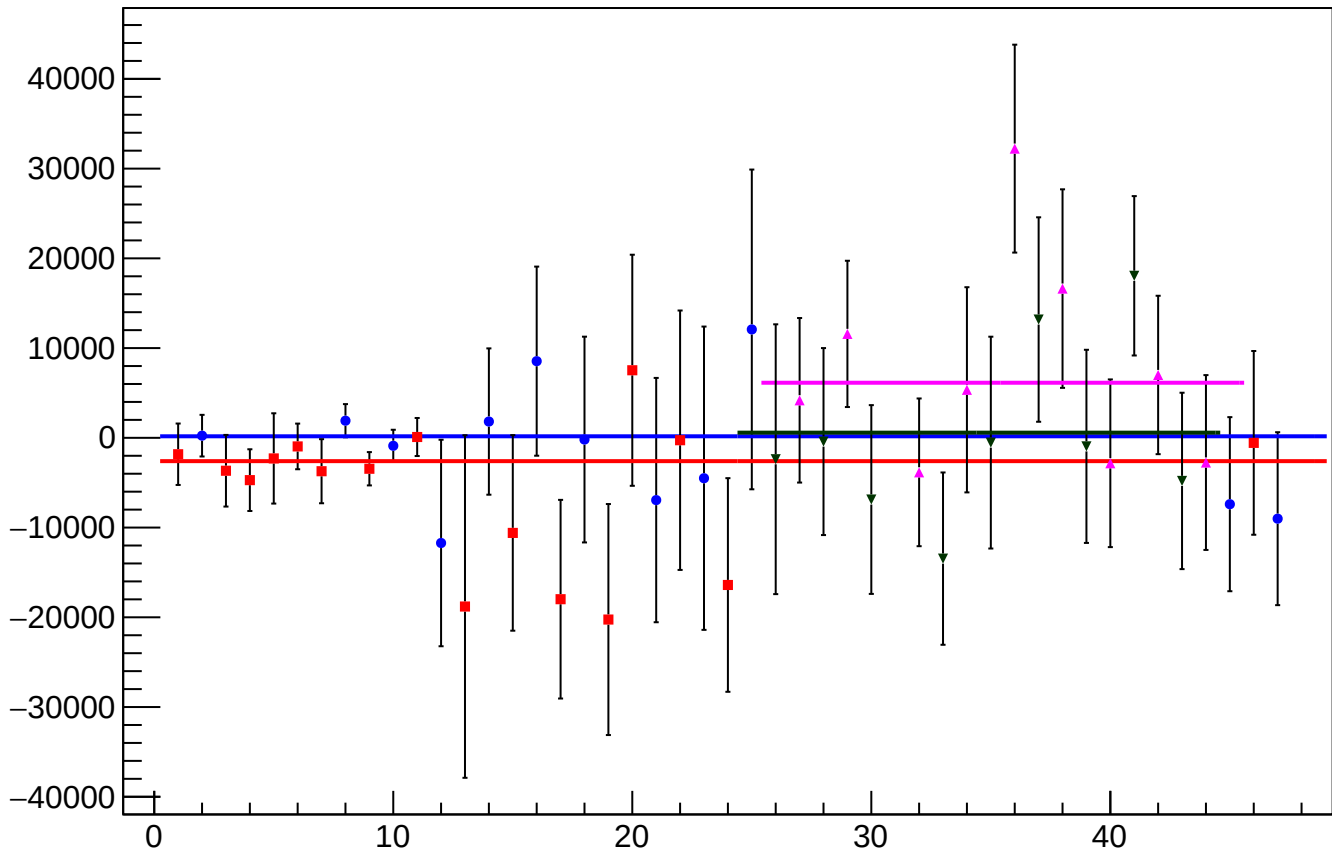
Left Out: 1269.198+/-0.424 χ^2/NDF : 324708.5/8

Right Out: 342.378+/-0.107 χ^2/NDF : 4492918.7/15

Left In: 1320.225+/-0.405 χ^2/NDF : 342760.5/8

420.774+/-0.078 χ^2/NDF : 21285933.8/45

cor_sam2_mean vs slug



Right In: 170.911+/-1075.951 χ^2/NDF : 5.3/11

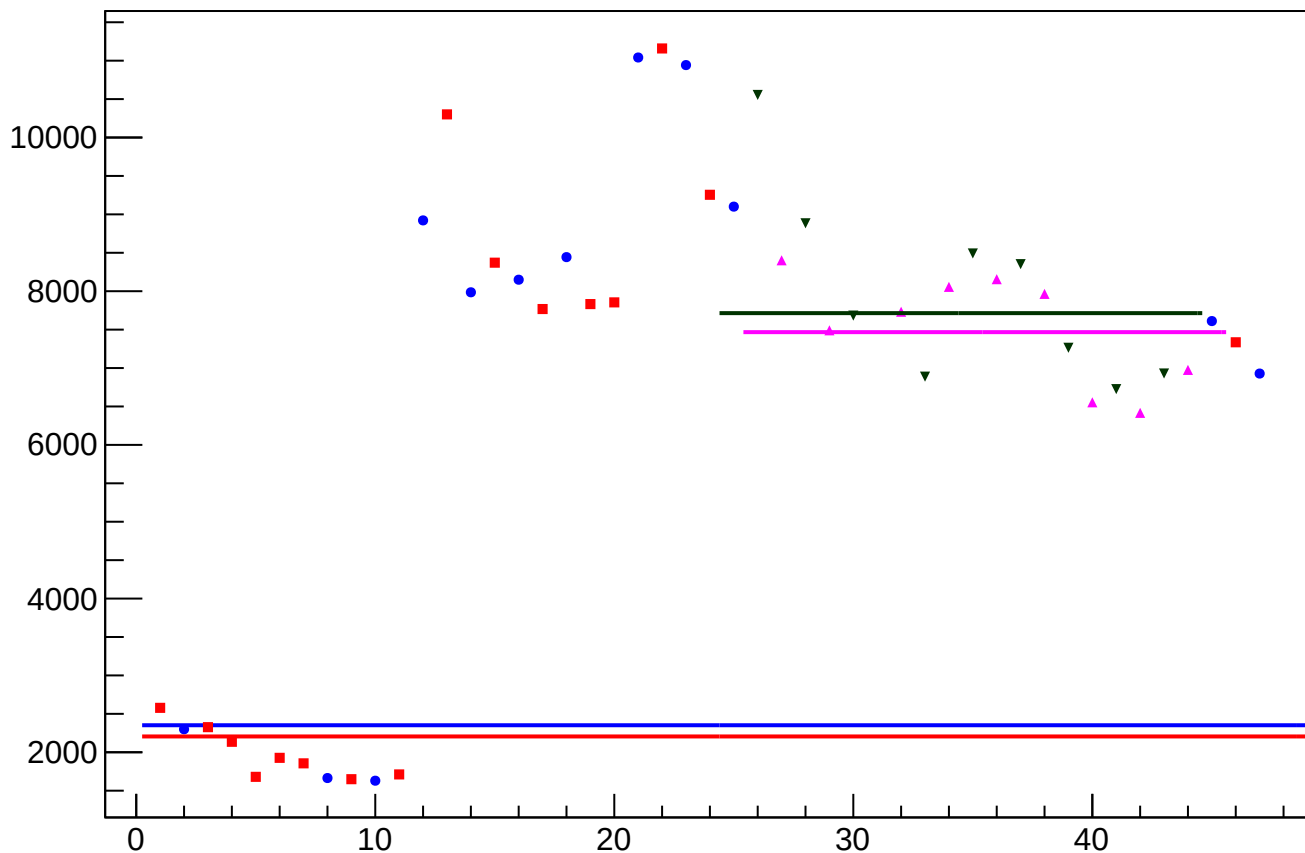
Left Out: 577.076+/-3533.752 χ^2/NDF : 8.1/8

Right Out: -2598.481+/-966.404 χ^2/NDF : 9.9/15

Left In: 6139.136+/-3165.220 χ^2/NDF : 9.7/8

-934.373+/-687.706 χ^2/NDF : 42.2/45

cor_sam2_rms vs slug



Right In: 2351.616+/-0.761 χ^2 /NDF: 6038827.2/11

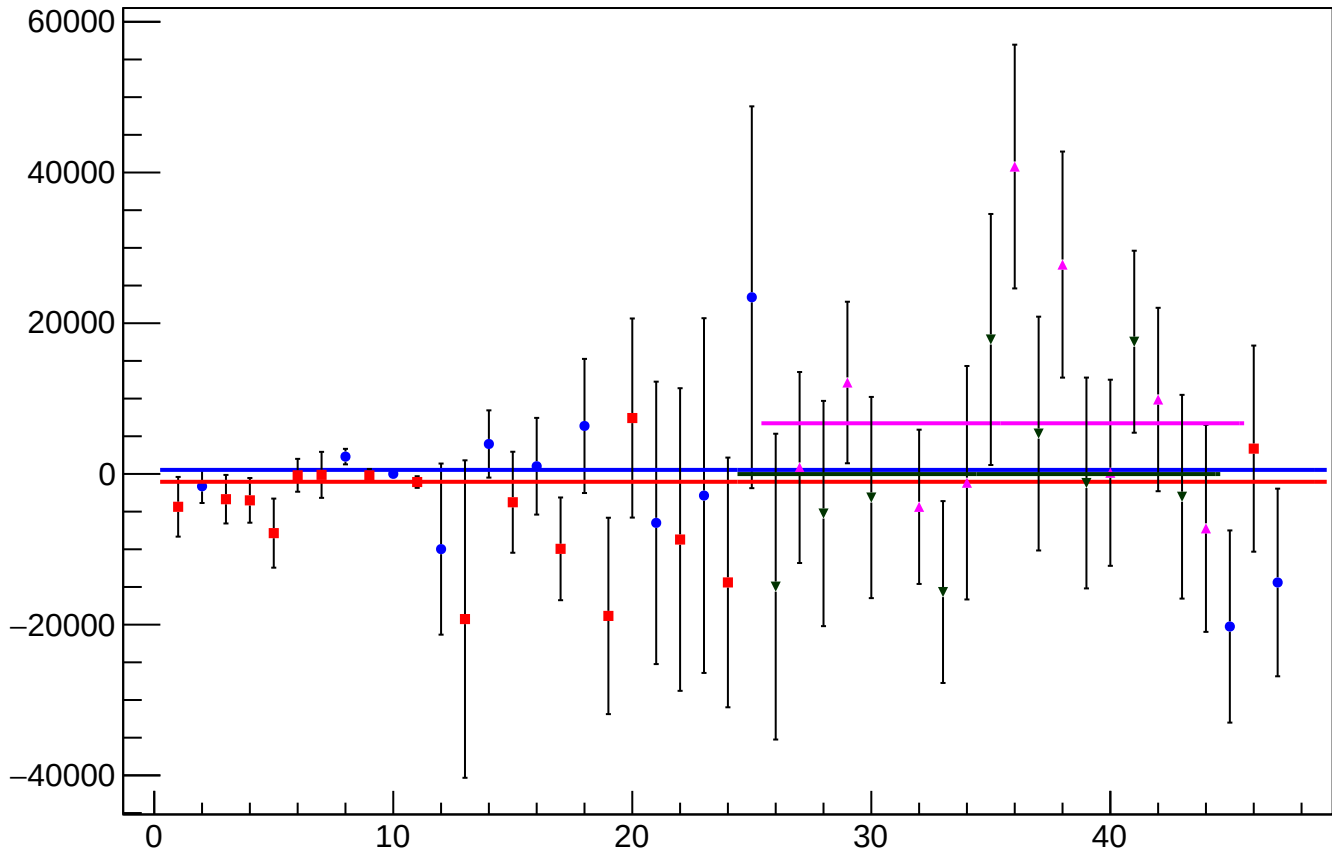
Left Out: 7714.631+/-2.499 χ^2 /NDF:167394.8/8

Right Out: 2205.728+/-0.683 χ^2 /NDF: 4622504.7/15

Left In: 7467.205+/-2.238 χ^2 /NDF:91846.7/8

2722.341+/-0.486 χ^2 /NDF: 20215625.0/45

cor_sam3_mean vs slug



Right In: 537.163+/-533.225 χ^2/NDF : 11.5/11

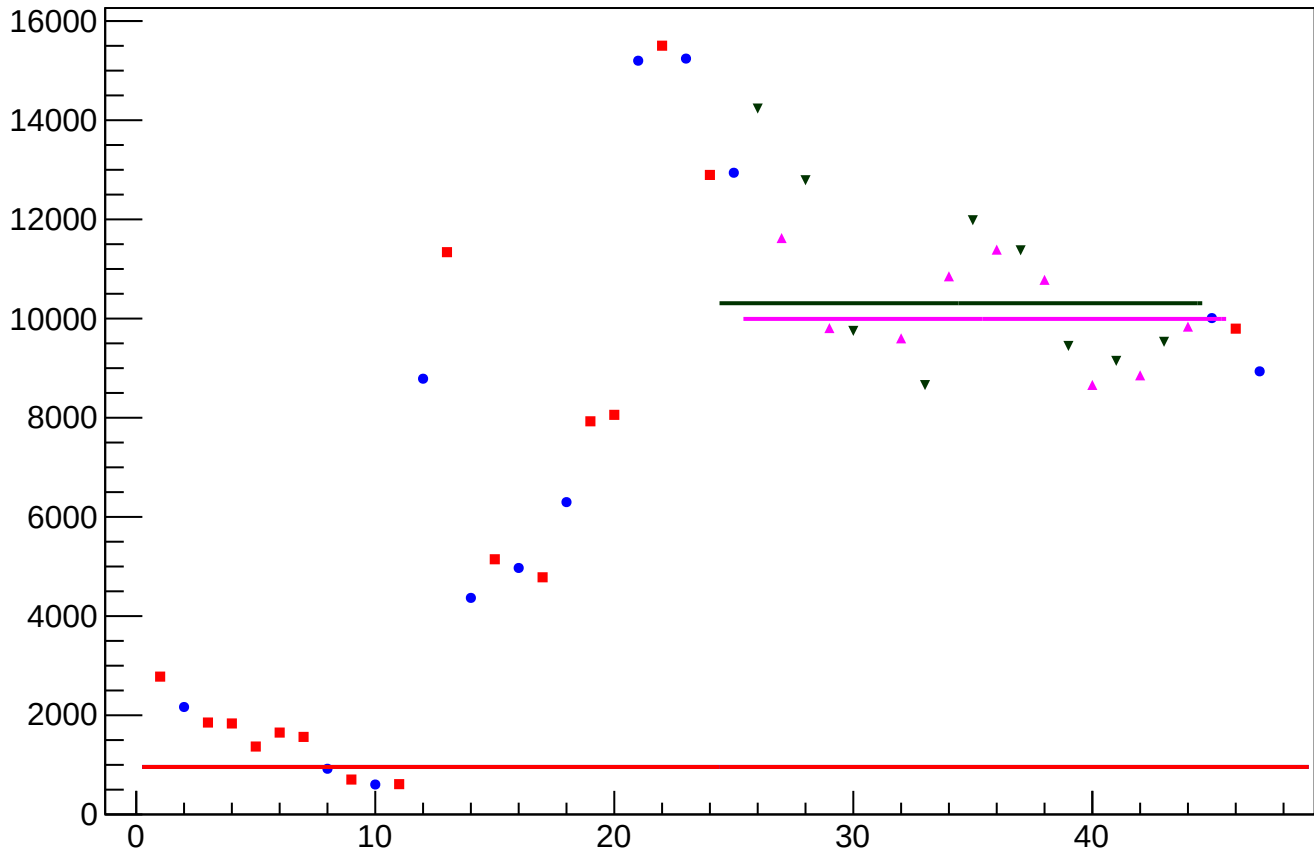
Left Out: -18.907+/-4736.066 χ^2/NDF : 5.8/8

-228.811+/-367.282 χ^2/NDF : 45.5/45

Right Out: -1042.641+/-513.261 χ^2/NDF : 11.2/15

Left In: 6722.901+/-4244.094 χ^2/NDF : 9.7/8

cor_sam3_rms vs slug



Right In: 958.371+/-0.377 χ^2/NDF : 8950044.3/11

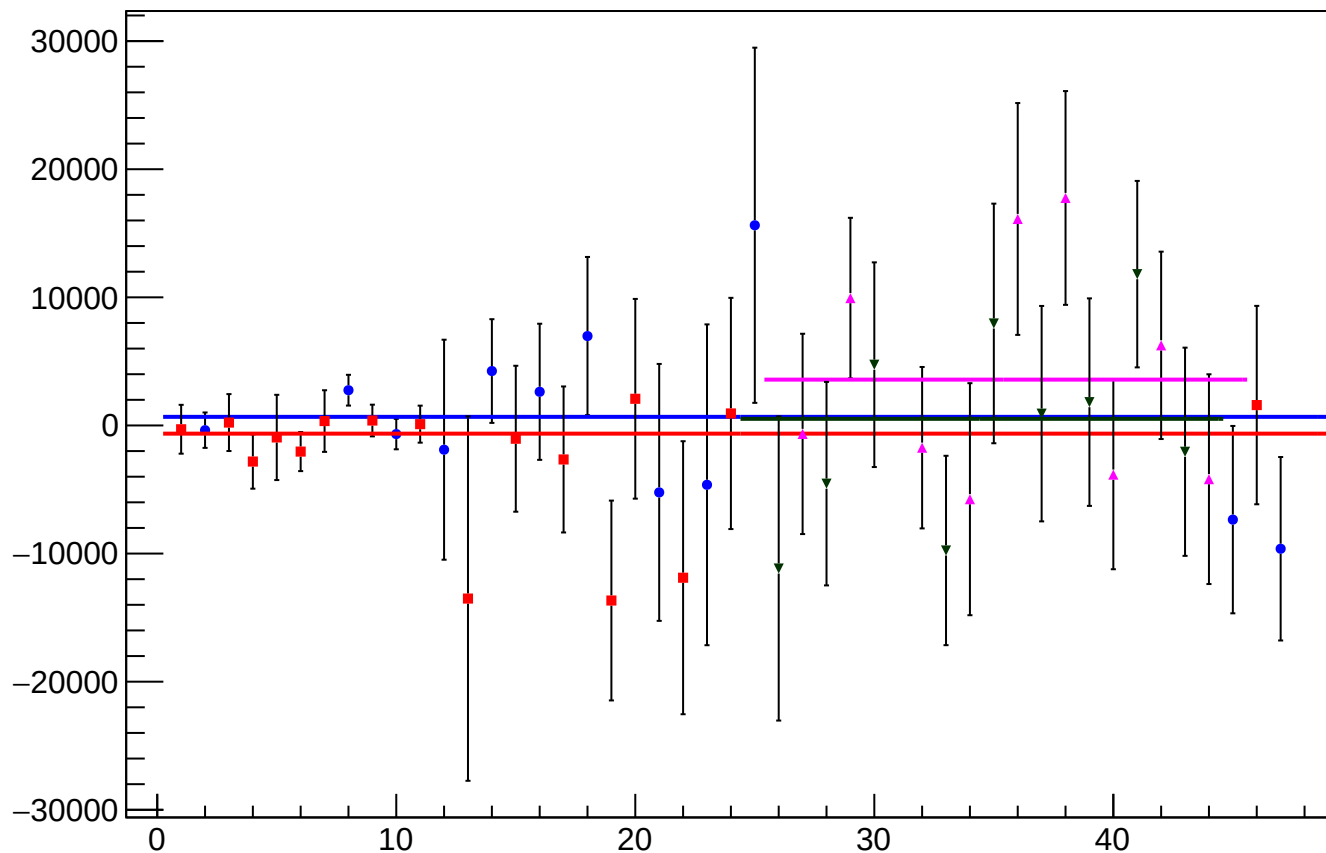
Left Out: 10309.365+/-3.349 χ^2/NDF : 233262.1/8

1081.966+/-0.260 χ^2/NDF : 33525960.0/45

Right Out: 957.779+/-0.363 χ^2/NDF : 7604822.6/15

Left In: 9993.117+/-3.001 χ^2/NDF : 104211.5/8

cor_sam4_mean vs slug



Right In: 671.278+/-686.683 χ^2/NDF : 11.9/11

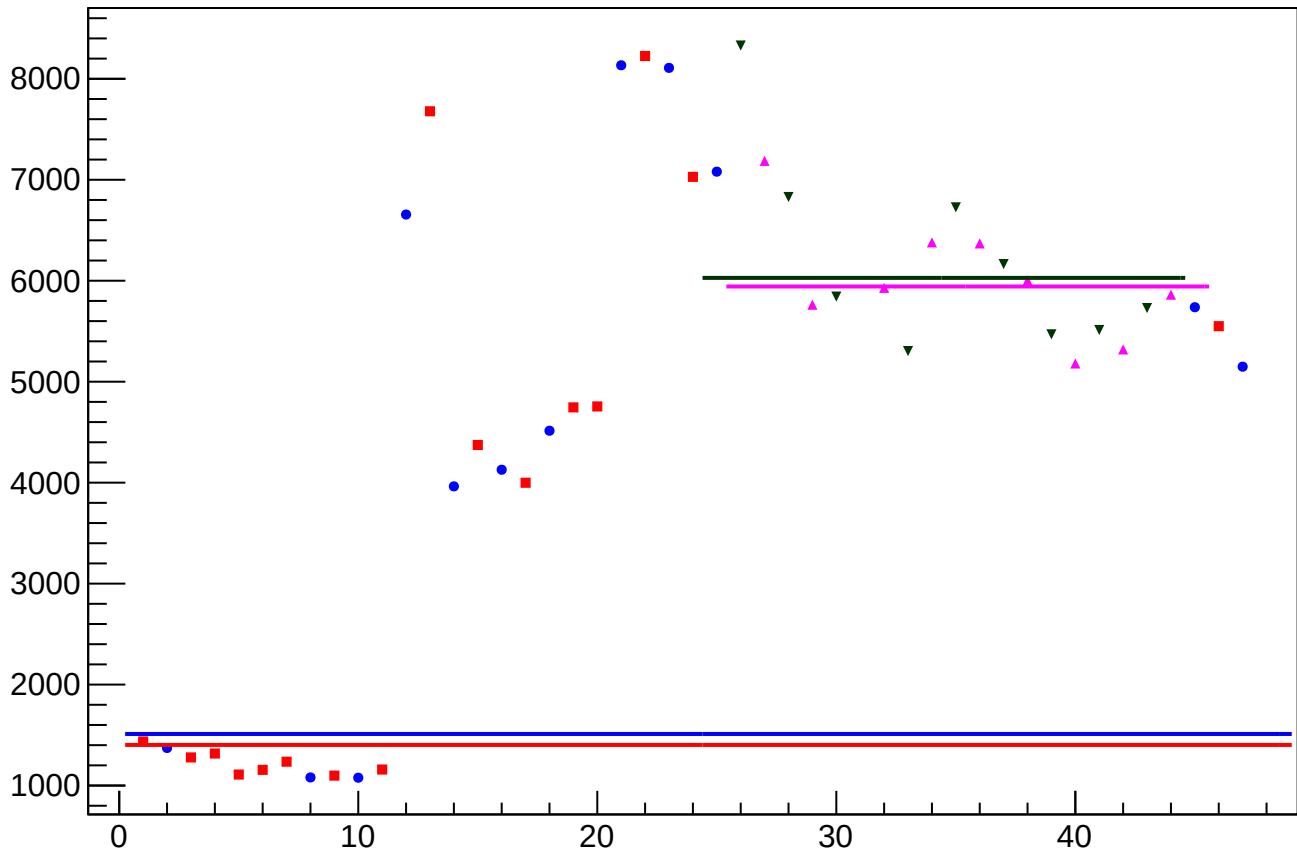
Left Out: 516.734+/-2754.718 χ^2/NDF : 6.8/8

Right Out: -639.530+/-612.725 χ^2/NDF : 8.3/15

Left In: 3577.200+/-2517.750 χ^2/NDF : 10.0/8

69.485+/-443.946 χ^2/NDF : 40.9/45

cor_sam4_rms vs slug



Right In: 1510.937+/-0.486 χ^2/NDF : 5889218.2/11

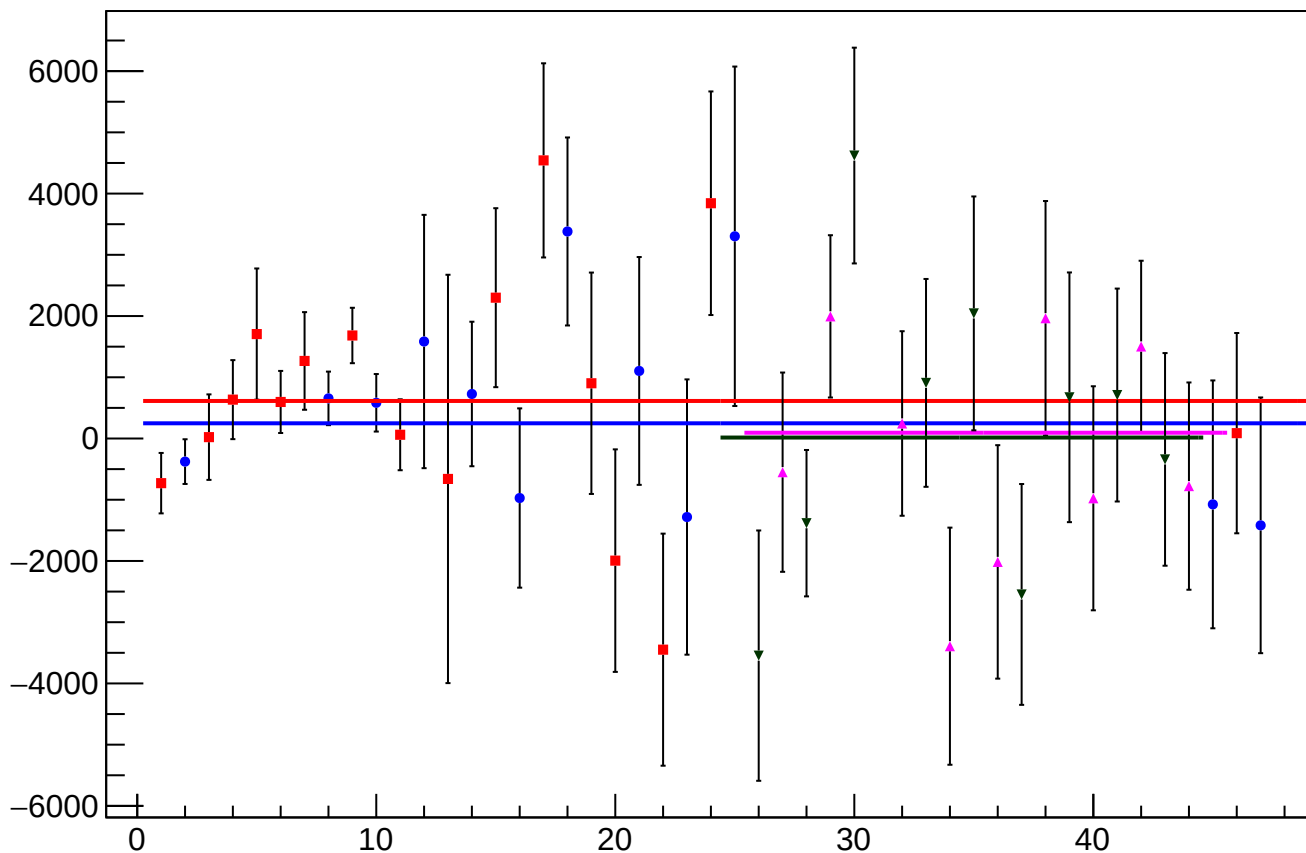
Left Out: 6028.268+/-1.948 χ^2/NDF : 149820.8/8

1709.008+/-0.314 χ^2/NDF : 21899773.0/45

Right Out: 1402.268+/-0.433 χ^2/NDF : 4522984.7/15

Left In: 5942.882+/-1.780 χ^2/NDF : 97554.4/8

cor_sam5_mean vs slug



Right In: 248.419+/-222.503 χ^2/NDF : 12.7/11

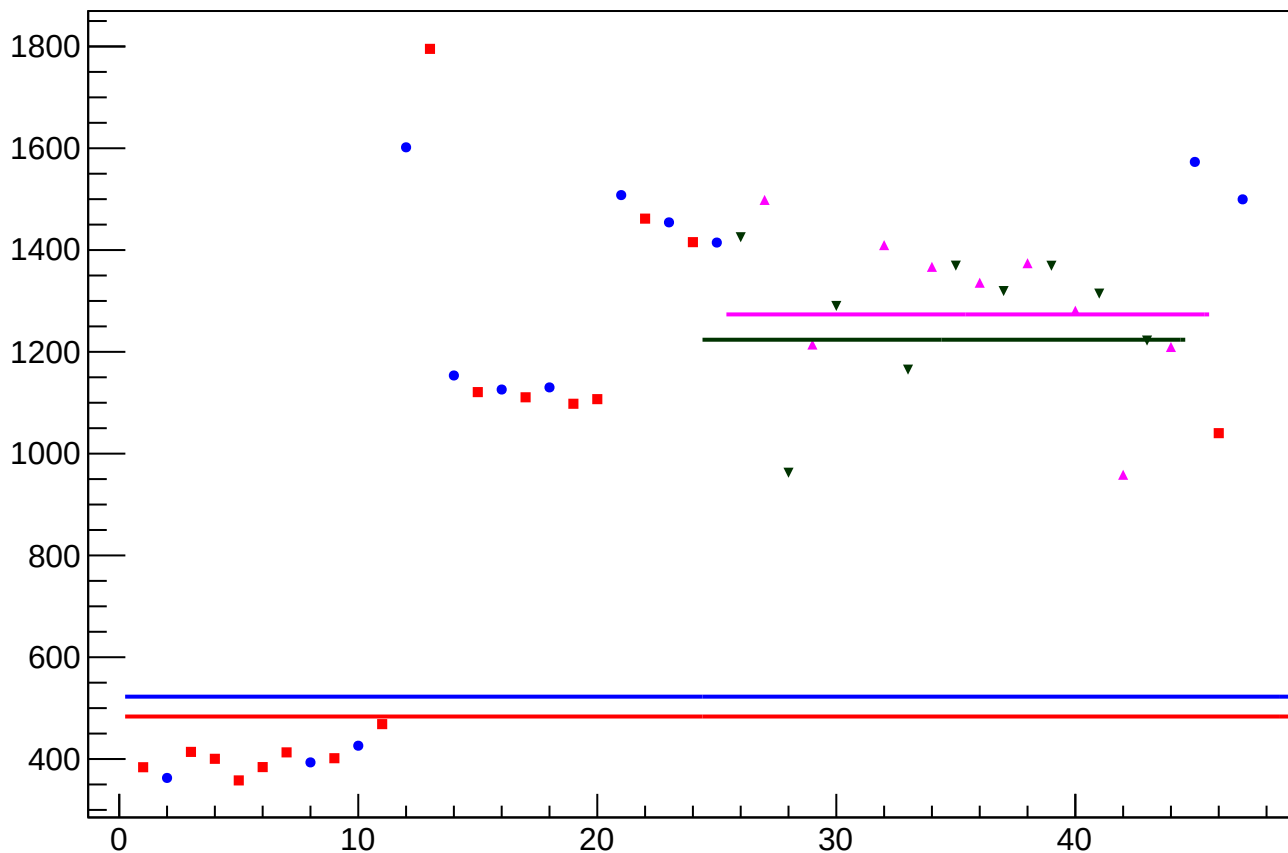
Left Out: 15.632+/-568.606 χ^2/NDF : 15.0/8

Right Out: 613.157+/-198.902 χ^2/NDF : 33.9/15

Left In: 94.301+/-545.541 χ^2/NDF : 9.3/8

402.121+/-138.770 χ^2/NDF : 73.2/45

cor_sam5_rms vs slug



Right In: 522.536 $\pm$ 0.157 χ^2 /NDF: 4499921.3/11

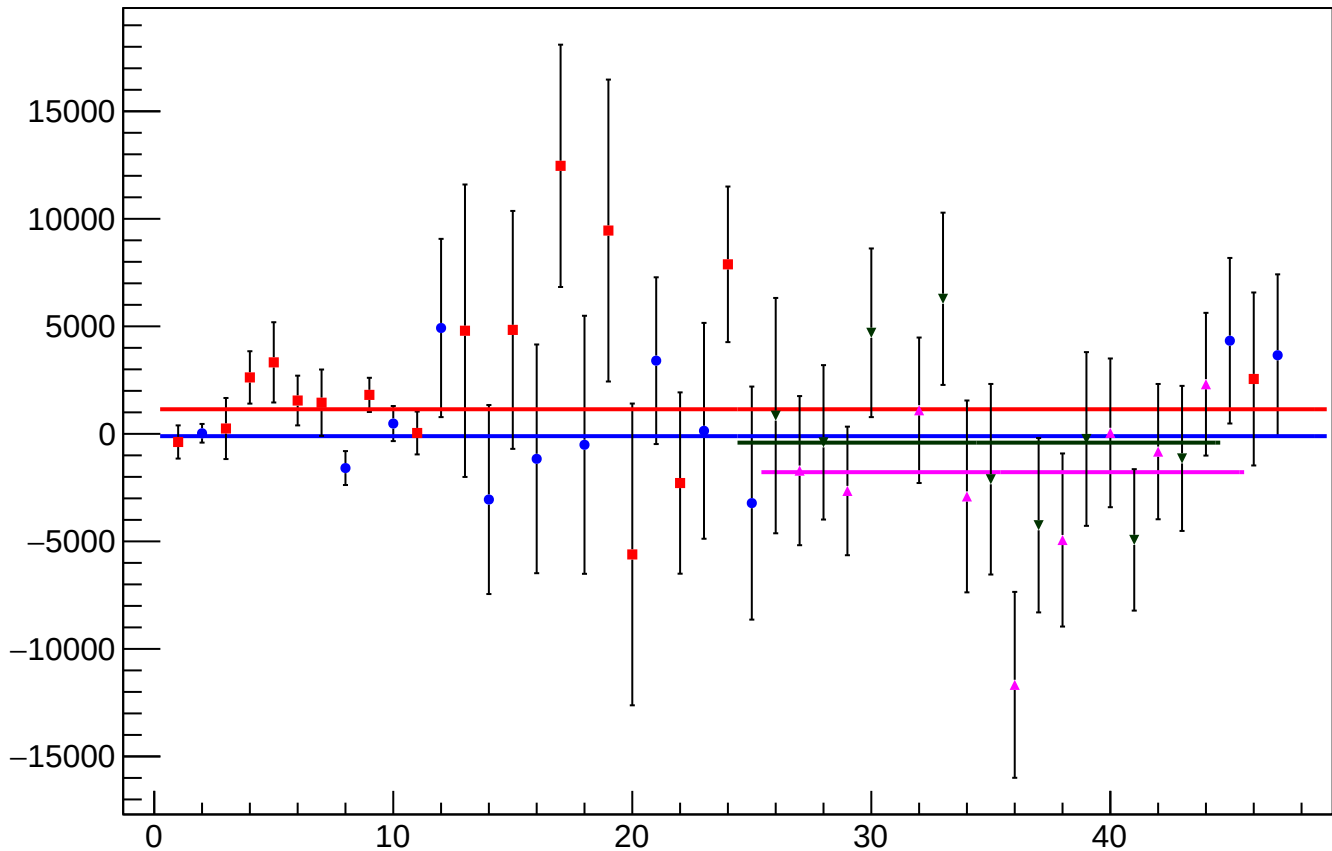
Left Out: 1223.816 $\pm$ 0.402 χ^2 /NDF: 153031.9/8

Right Out: 483.512 $\pm$ 0.141 χ^2 /NDF: 3076790.1/15

Left In: 1273.545 $\pm$ 0.386 χ^2 /NDF: 174989.1/8

593.905 $\pm$ 0.098 χ^2 /NDF: 14285177.0/45

cor_sam6_mean vs slug



Right In: -106.507 ± 335.796 χ^2/NDF : 9.6/11

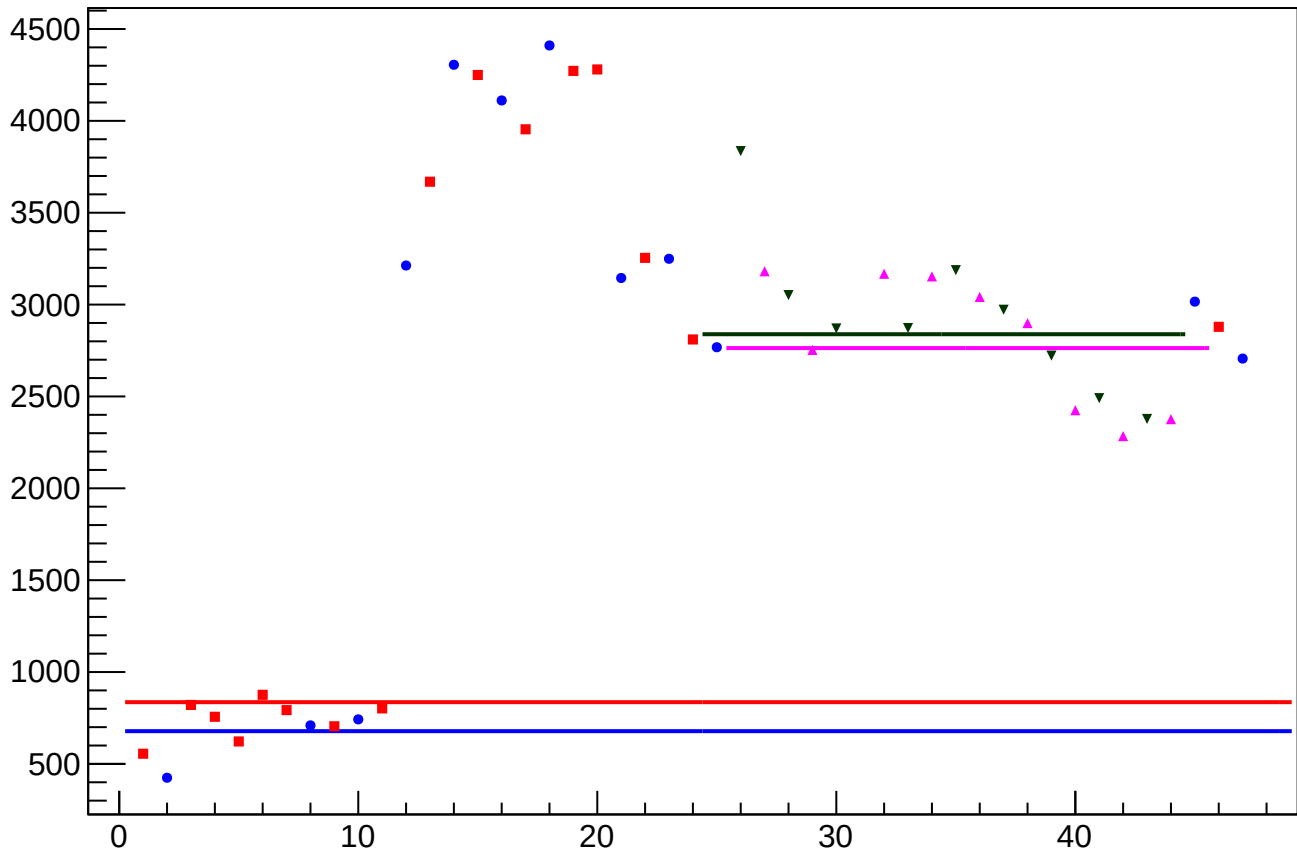
Left Out: -408.383 ± 1299.964 χ^2/NDF : 7.5/8

332.408 ± 239.729 χ^2/NDF : 56.3/45

Right Out: 1144.414 ± 372.245 χ^2/NDF : 20.6/15

Left In: -1781.426 ± 1175.729 χ^2/NDF : 8.6/8

cor_sam6_rms vs slug



Right In: 678.233+/-0.237 χ^2/NDF : 7366017.1/11

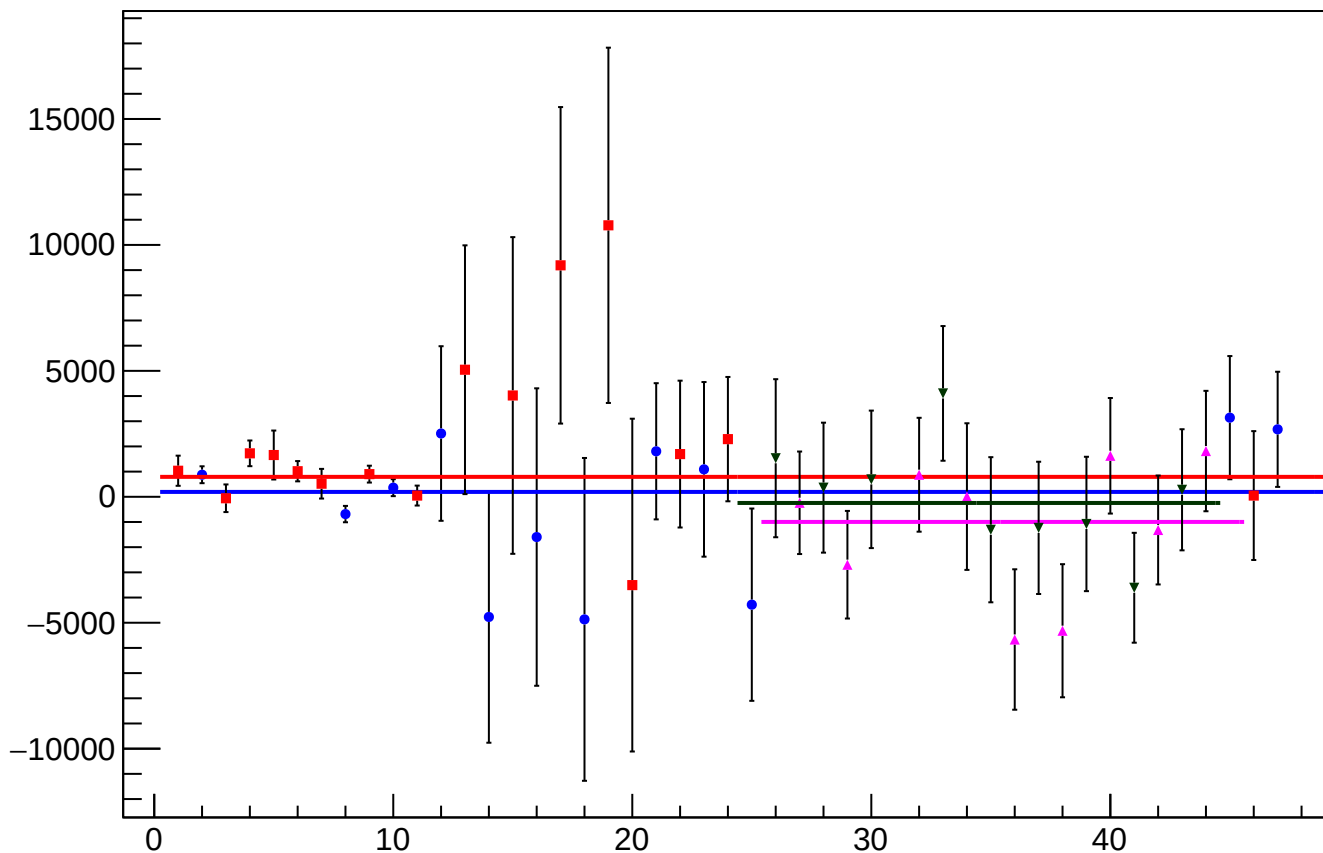
Left Out: 2838.681+/-0.919 χ^2/NDF : 149660.0/8

903.822+/-0.170 χ^2/NDF : 22906752.6/45

Right Out: 835.990+/-0.263 χ^2/NDF : 4812226.4/15

Left In: 2763.346+/-0.831 χ^2/NDF : 176297.5/8

cor_sam7_mean vs slug



Right In: 193.886 ± 188.854 χ^2/NDF : 18.3/11

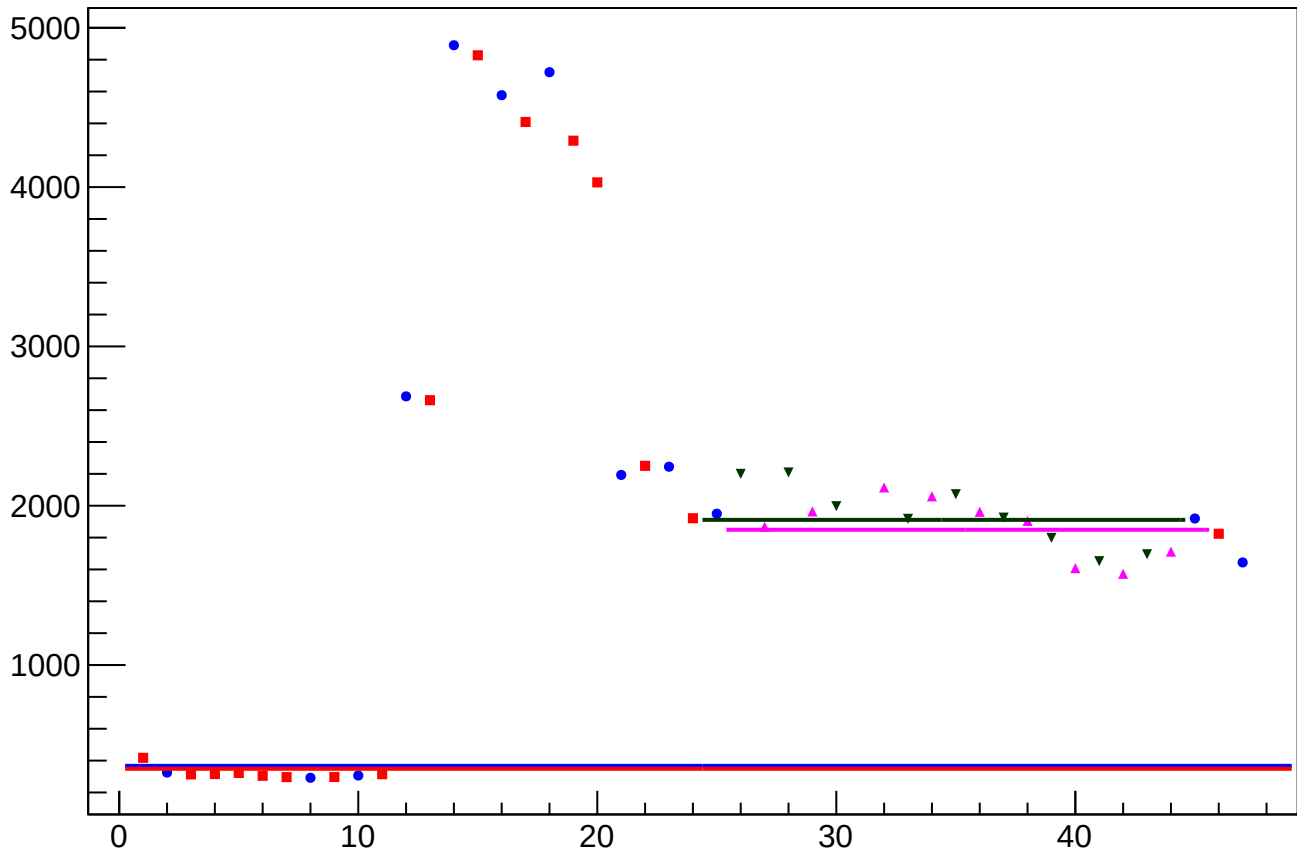
Left Out: -244.491 ± 871.961 χ^2/NDF : 5.9/8

Right Out: 791.700 ± 166.799 χ^2/NDF : 16.6/15

Left In: -997.335 ± 784.451 χ^2/NDF : 9.8/8

477.425 ± 122.241 χ^2/NDF : 60.7/45

cor_sam7_rms vs slug



Right In: 367.036+/-0.134 χ^2/NDF : 7952859.3/11

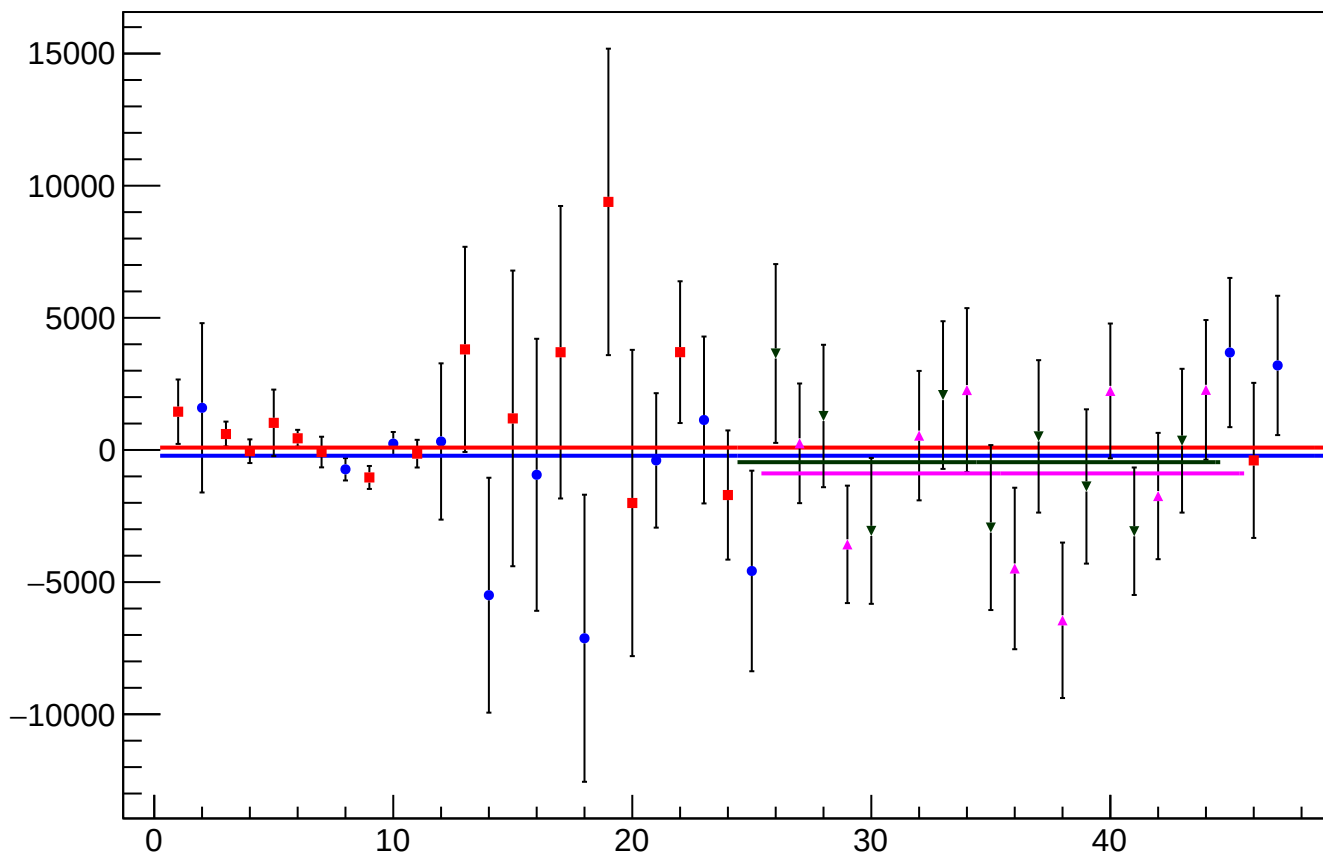
Left Out: 1911.248+/-0.617 χ^2/NDF : 99791.7/8

423.537+/-0.086 χ^2/NDF : 27181076.7/45

Right Out: 348.720+/-0.118 χ^2/NDF : 6010513.8/15

Left In: 1849.101+/-0.555 χ^2/NDF : 109499.9/8

cor_sam8_mean vs slug



Right In: -218.224+/-292.472 χ^2/NDF : 11.1/11

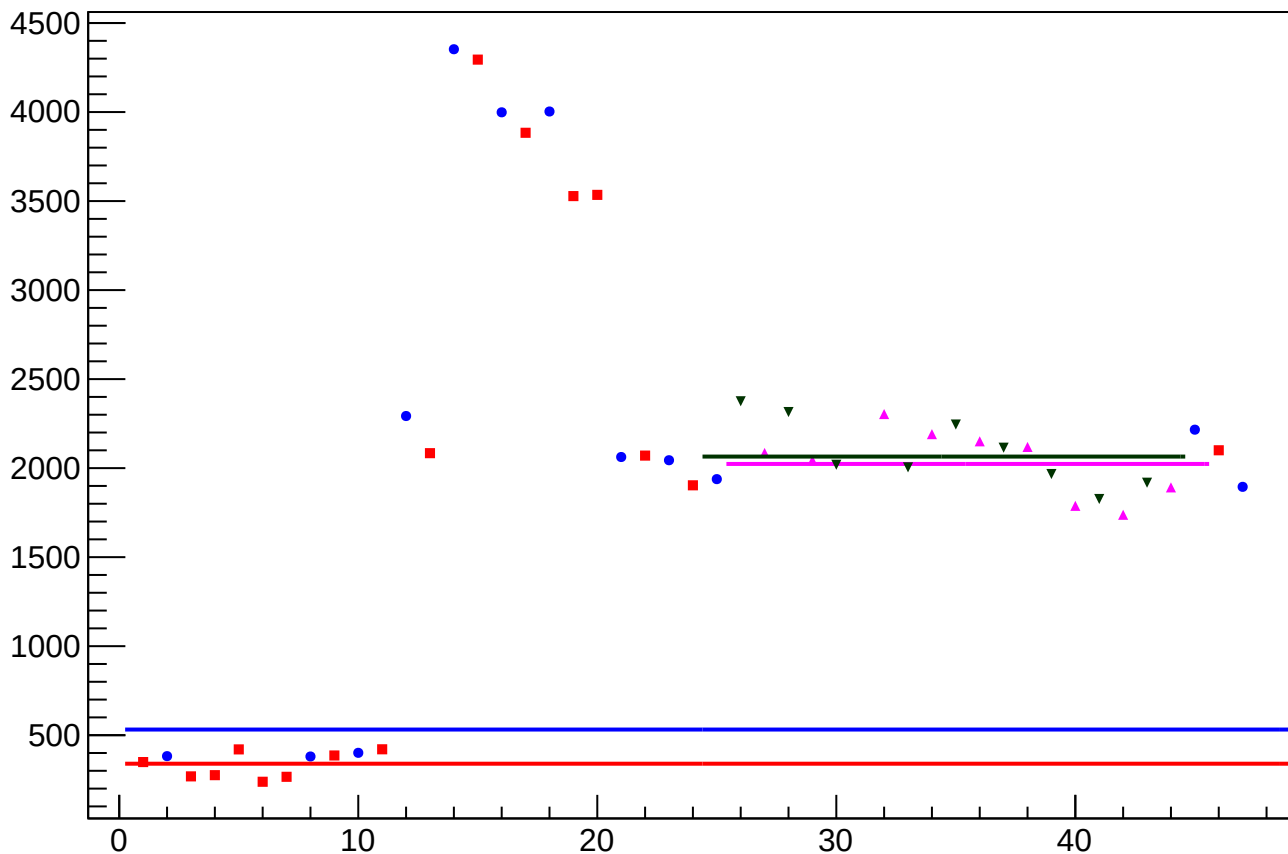
Left Out: -461.681+/-939.996 χ^2/NDF : 5.7/8

Right Out: 90.604+/-173.800 χ^2/NDF : 17.8/15

Left In: -886.546+/-856.447 χ^2/NDF : 11.1/8

-27.126+/-145.416 χ^2/NDF : 47.8/45

cor_sam8_rms vs slug



Right In: 531.714+/-0.207 χ^2/NDF : 7054338.9/11

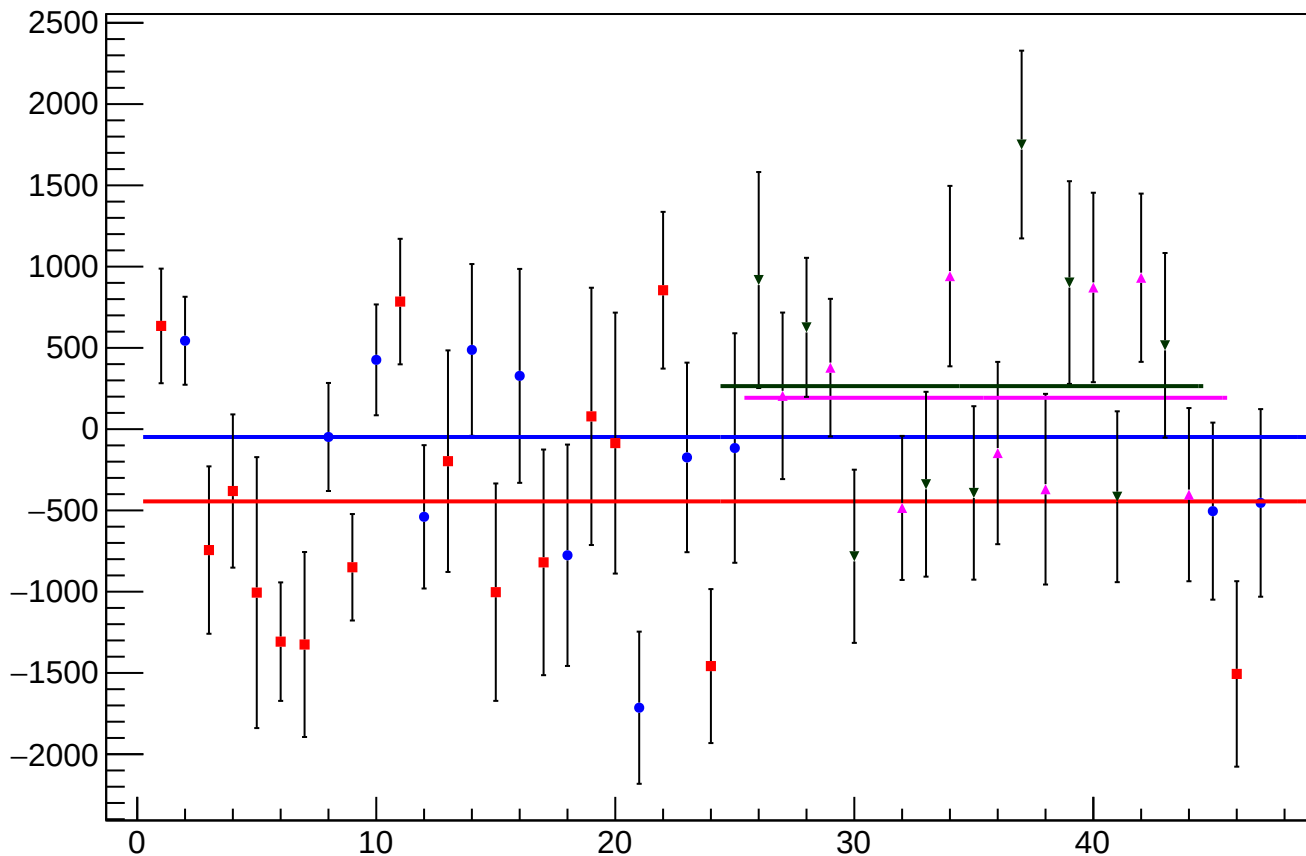
Left Out: 2064.944+/-0.665 χ^2/NDF : 70444.9/8

Right Out: 339.838+/-0.123 χ^2/NDF : 6206167.8/15

Left In: 2023.521+/-0.606 χ^2/NDF : 89774.9/8

477.092+/-0.103 χ^2/NDF : 26965290.9/45

reg_asym_sam1_mean vs slug



Right In: -48.343+/-128.698 χ^2/NDF : 24.4/11

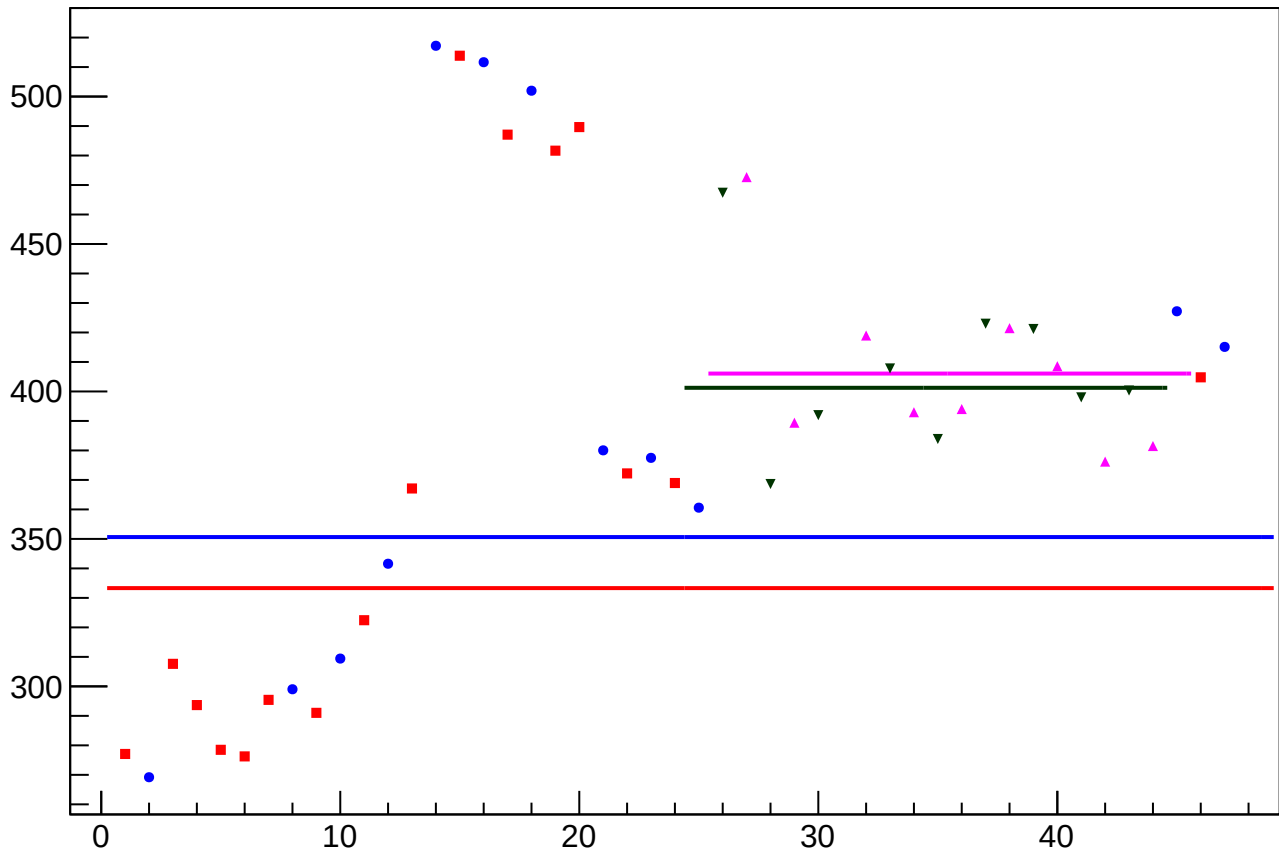
Left Out: 264.755+/-182.132 χ^2/NDF : 17.7/8

Right Out: -444.479+/-123.250 χ^2/NDF : 46.9/15

Left In: 192.929+/-171.479 χ^2/NDF : 10.3/8

-92.650+/-72.479 χ^2/NDF : 114.2/45

reg_asym_sam1_rms vs slug



Right In: 350.627+/-0.091 χ^2/NDF : 753640.8/11

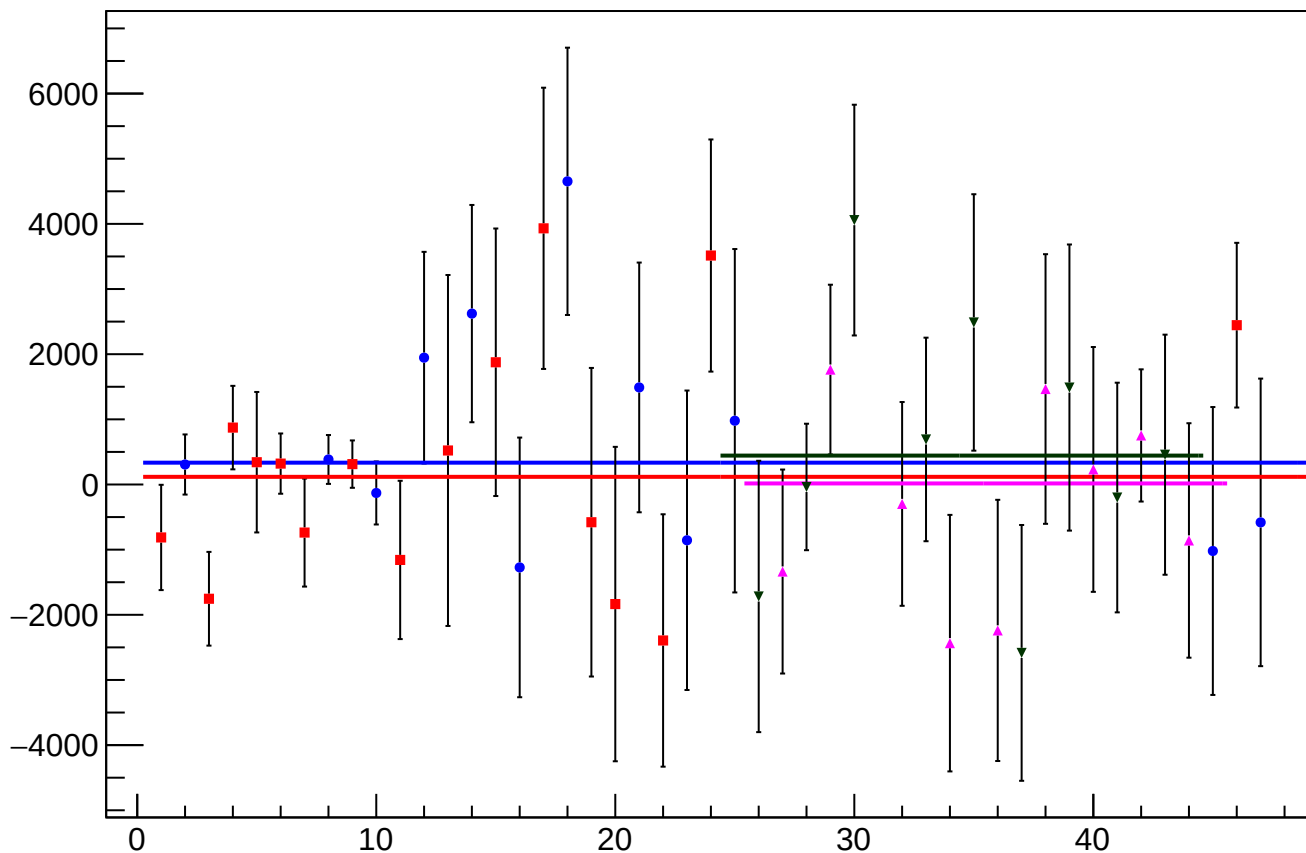
Left Out: 401.241+/-0.129 χ^2/NDF : 39393.7/8

362.561+/-0.051 χ^2/NDF : 1816703.2/45

Right Out: 333.320+/-0.087 χ^2/NDF : 622001.6/15

Left In: 406.067+/-0.121 χ^2/NDF : 52950.3/8

asym_sam1_correction_mean vs slug



Right In: 335.018 $\pm$ 233.586 χ^2 /NDF: 10.1/11

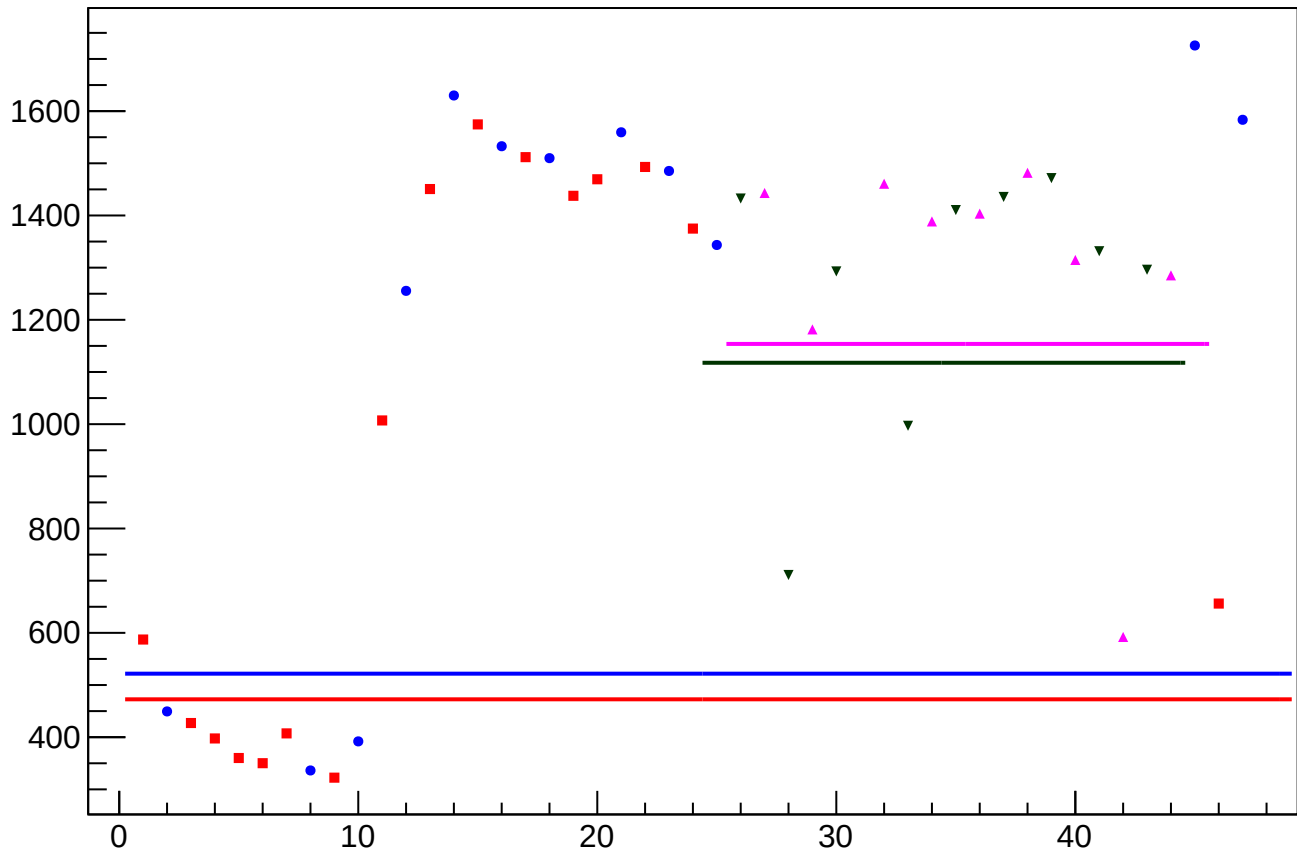
Left Out: 443.599 $\pm$ 545.326 χ^2 /NDF: 9.3/8

Right Out: 117.634 $\pm$ 207.223 χ^2 /NDF: 25.5/15

Left In: 16.228 $\pm$ 519.142 χ^2 /NDF: 6.7/8

214.248 $\pm$ 143.314 χ^2 /NDF: 52.4/45

asym_sam1_correction_rms vs slug



Right In: 521.759+/-0.165 χ^2/NDF : 5142710.6/11

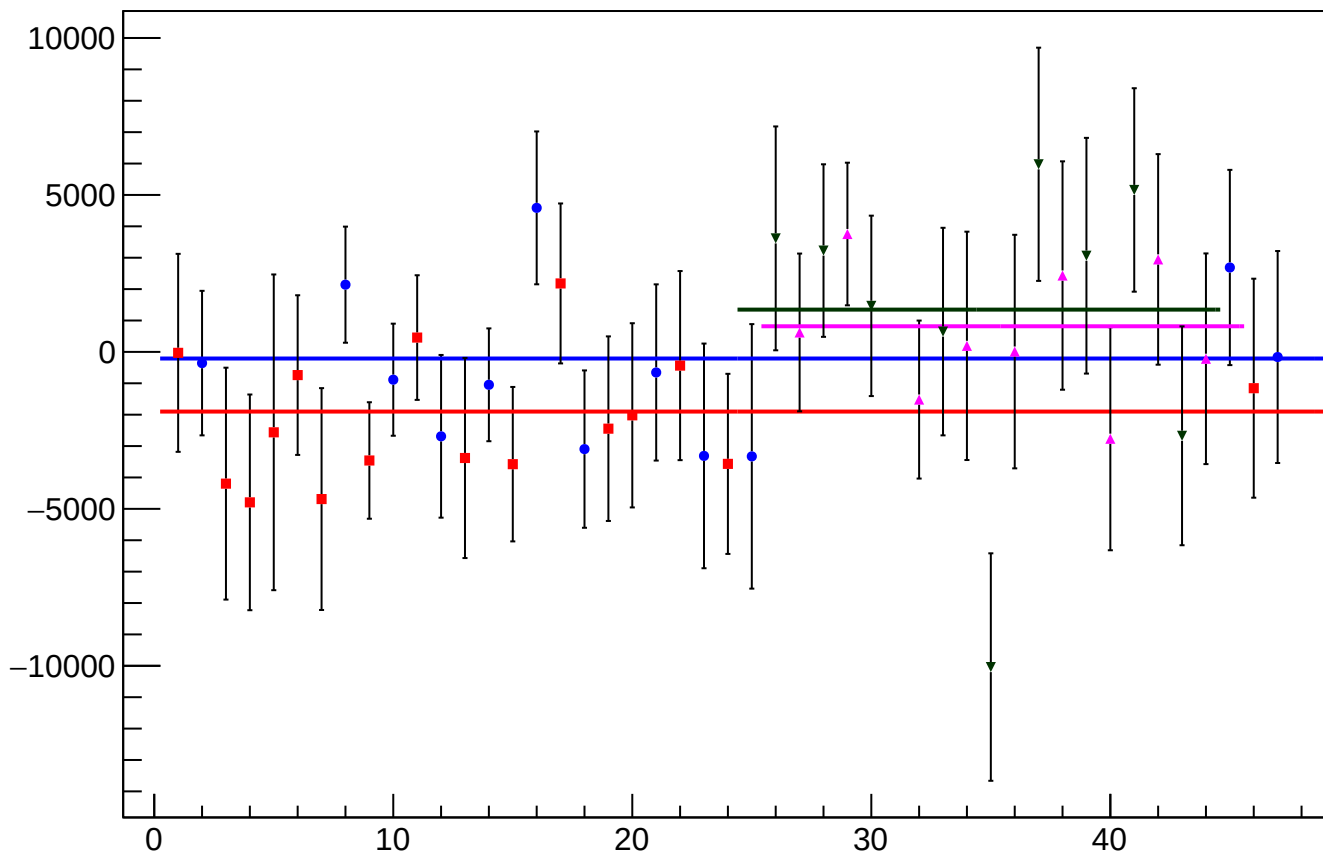
Left Out: 1117.672+/-0.386 χ^2/NDF : 625321.1/8

587.571+/-0.101 χ^2/NDF : 15772037.3/45

Right Out: 472.604+/-0.147 χ^2/NDF : 4066203.5/15

Left In: 1153.785+/-0.367 χ^2/NDF : 894423.1/8

reg_asym_sam2_mean vs slug



Right In: -210.860+/-701.222 χ^2/NDF : 10.3/11

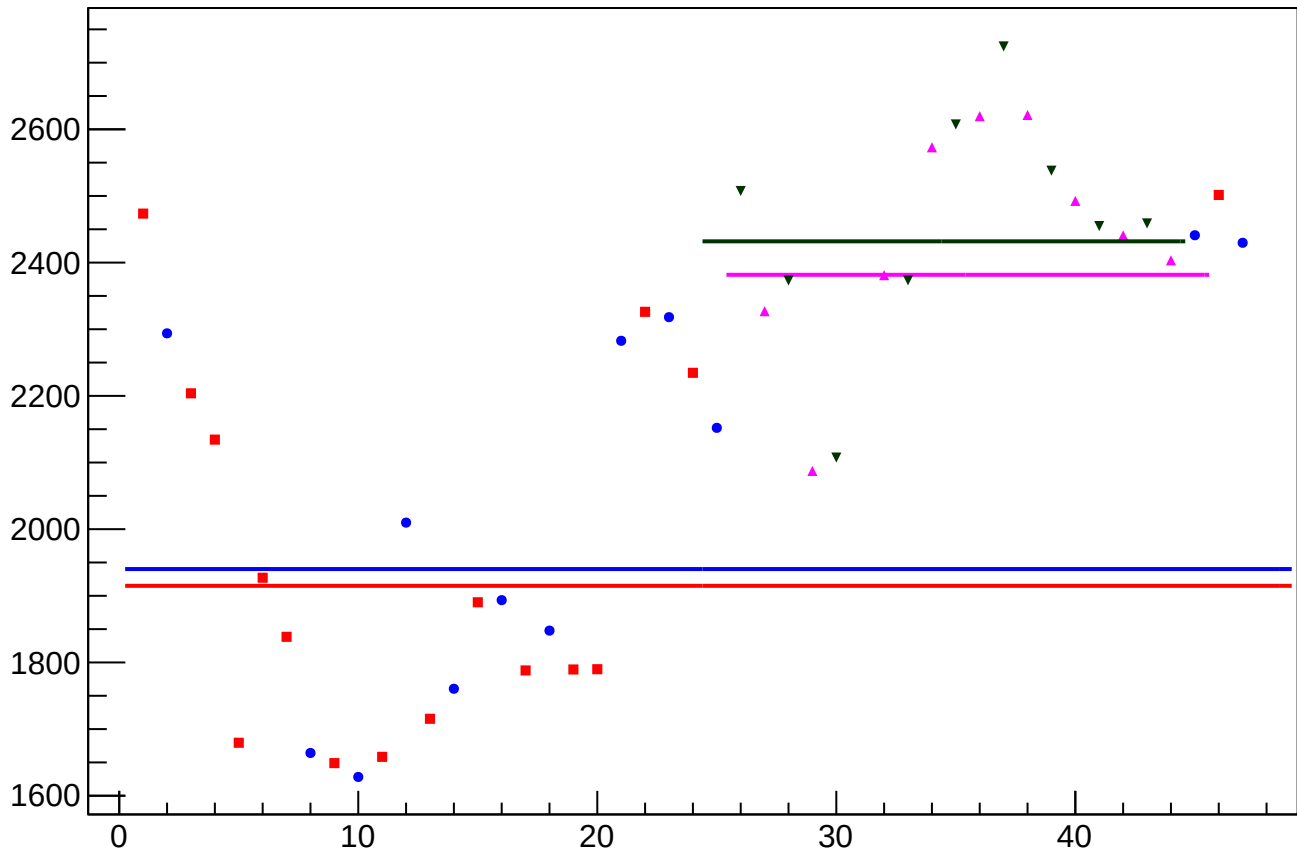
Left Out: 1347.049+/-1103.859 χ^2/NDF : 15.3/8

Right Out: -1900.818+/-700.059 χ^2/NDF : 8.3/15

Left In: 816.318+/-1004.864 χ^2/NDF : 4.3/8

-406.692+/-412.211 χ^2/NDF : 46.9/45

reg_asym_sam2_rms vs slug



Right In: 1940.160 ± 0.496 χ^2/NDF : 328799.0/11

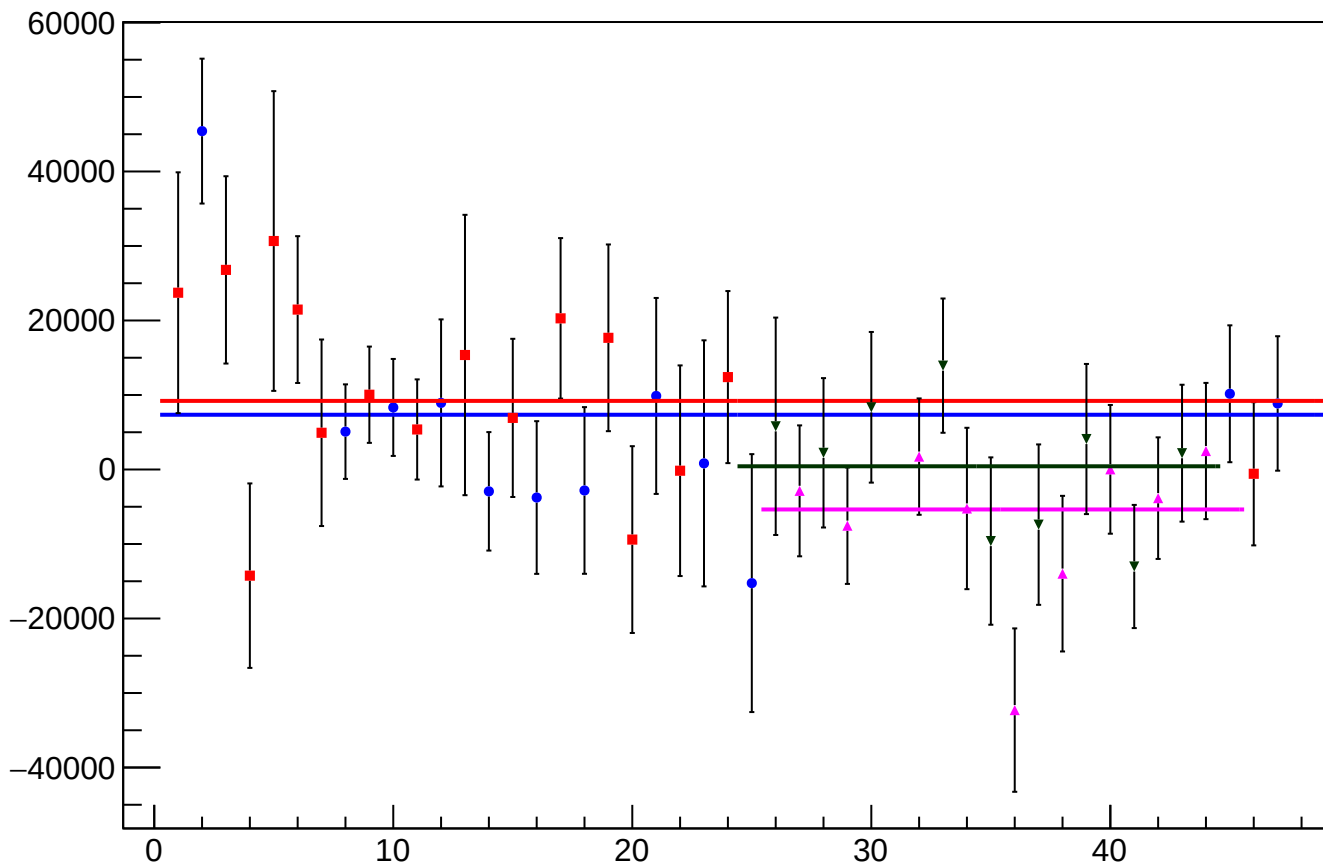
Left Out: 2431.909 ± 0.781 χ^2/NDF : 46832.9/8

2074.310 ± 0.291 χ^2/NDF : 1310996.2/45

Right Out: 1914.994 ± 0.495 χ^2/NDF : 301944.2/15

Left In: 2381.708 ± 0.711 χ^2/NDF : 59588.7/8

asym_sam2_correction_mean vs slug



Right In: 7347.127 ± 2699.456 $\chi^2/\text{NDF}: 21.2/11$

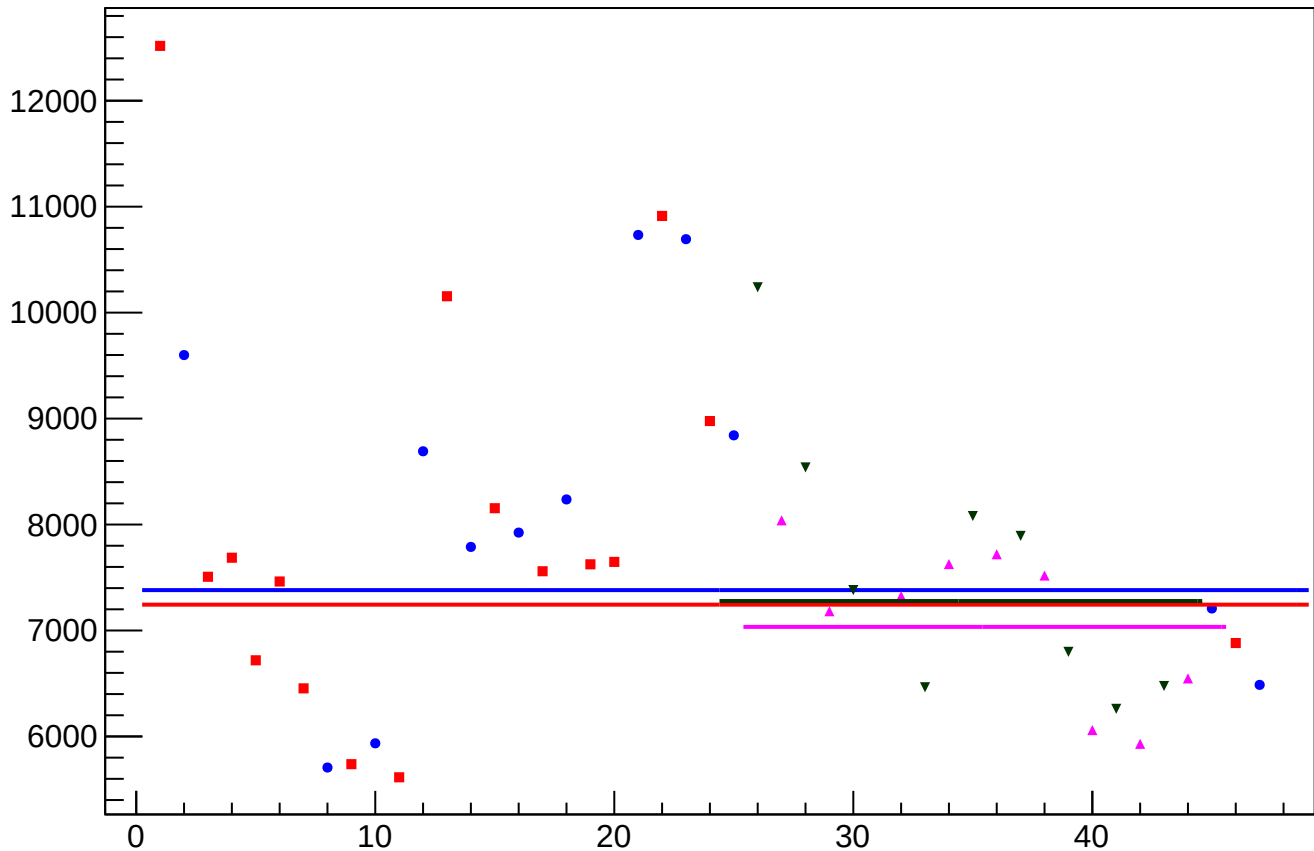
Left Out: 430.700 ± 3340.198 $\chi^2/\text{NDF}: 7.2/8$

Right Out: 9207.757 ± 2689.080 $\chi^2/\text{NDF}: 14.9/15$

Left In: -5364.101 ± 2986.755 $\chi^2/\text{NDF}: 8.9/8$

3601.646 ± 1447.529 $\chi^2/\text{NDF}: 68.3/45$

asym_sam2_correction_rms vs slug



Right In: 7381.157+/-1.909 χ^2/NDF : 636939.5/11

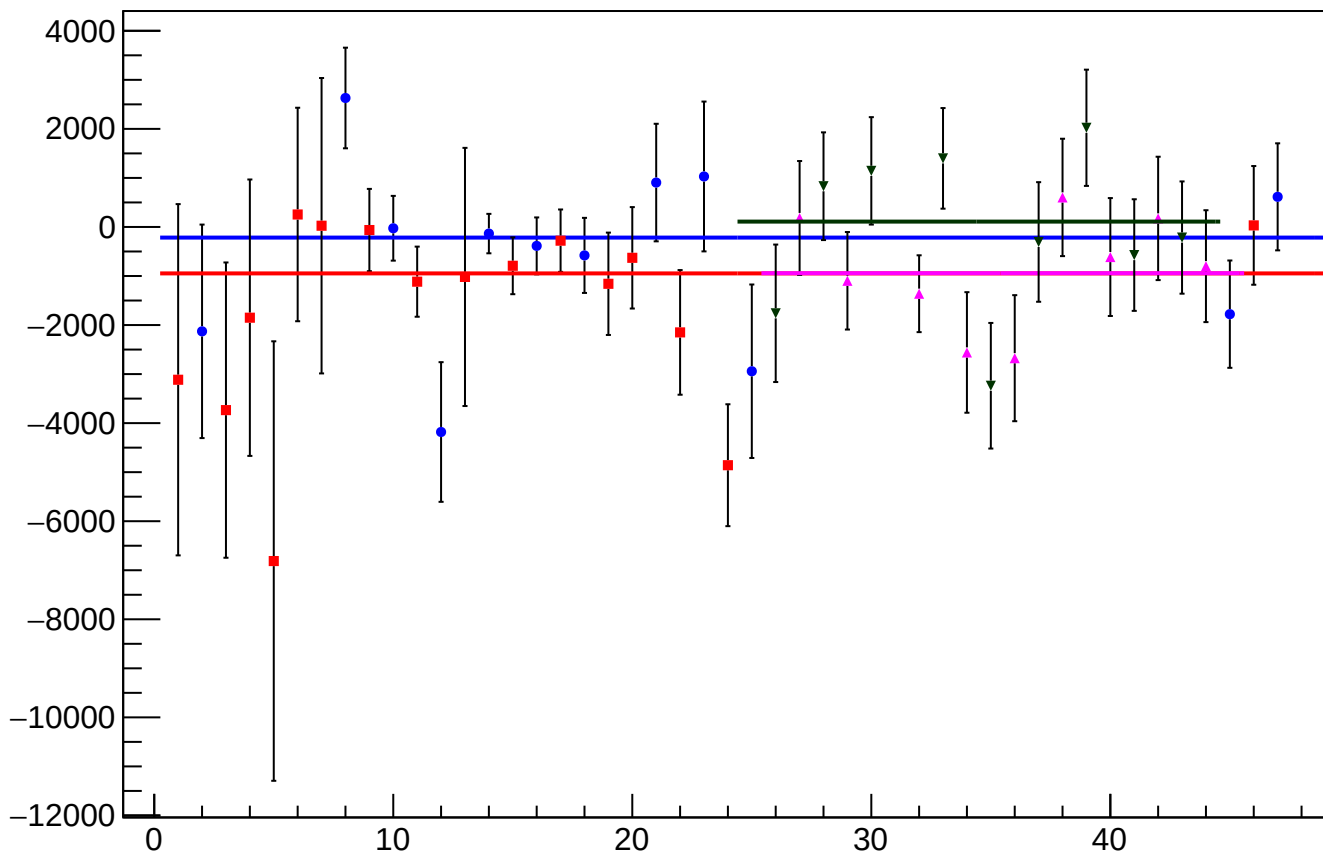
Left Out: 7278.054+/-2.362 χ^2/NDF : 197341.3/8

Right Out: 7243.894+/-1.901 χ^2/NDF : 703506.7/15

Left In: 7034.039+/-2.112 χ^2/NDF : 115475.0/8

7240.487+/-1.024 χ^2/NDF : 1668505.2/45

reg_asym_sam3_mean vs slug



Right In: -216.539 ± 236.174 χ^2/NDF : 23.2/11

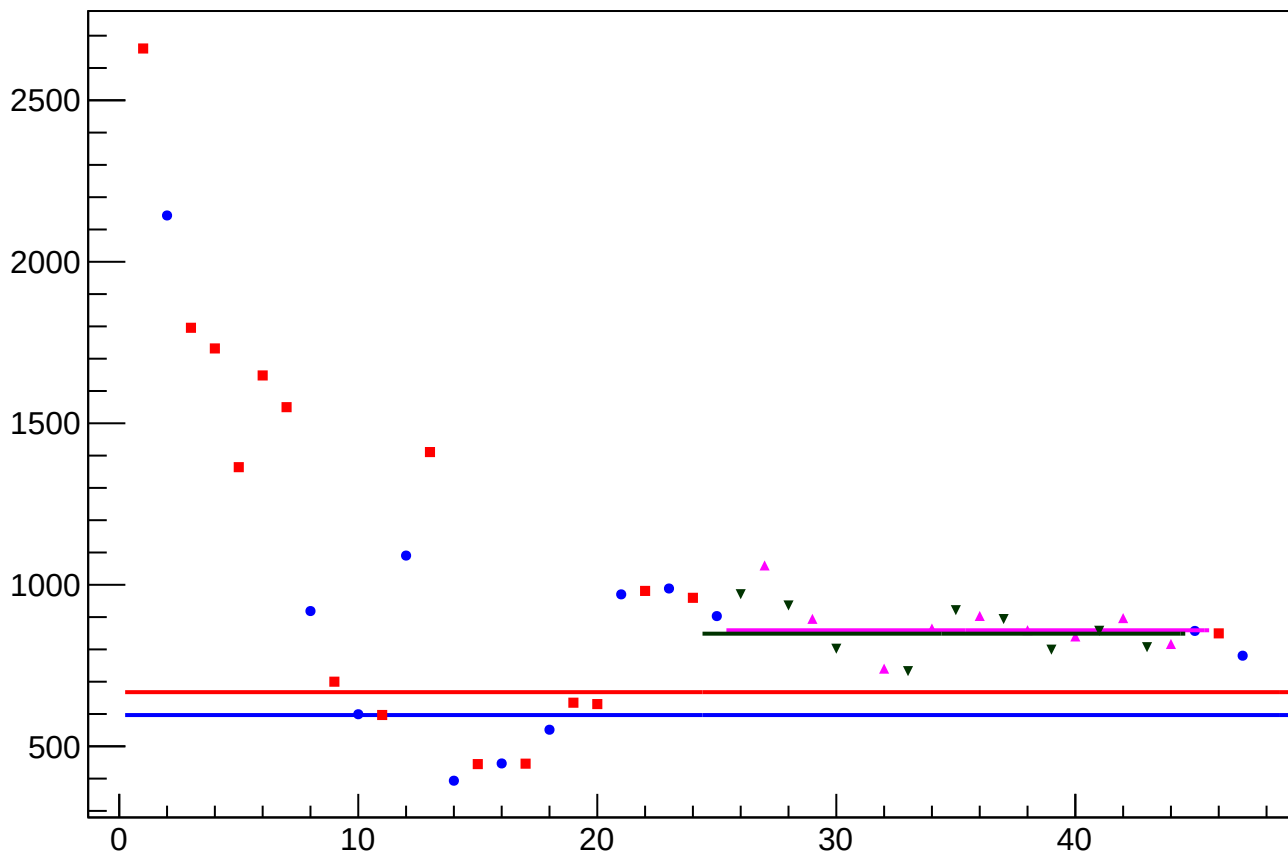
Left Out: 109.468 ± 387.723 χ^2/NDF : 14.7/8

Right Out: -946.920 ± 272.584 χ^2/NDF : 17.4/15

Left In: -942.699 ± 366.632 χ^2/NDF : 7.3/8

-503.787 ± 148.285 χ^2/NDF : 70.6/45

reg_asym_sam3_rms vs slug



Right In: 596.736+/-0.167 χ^2/NDF : 2654447.0/11

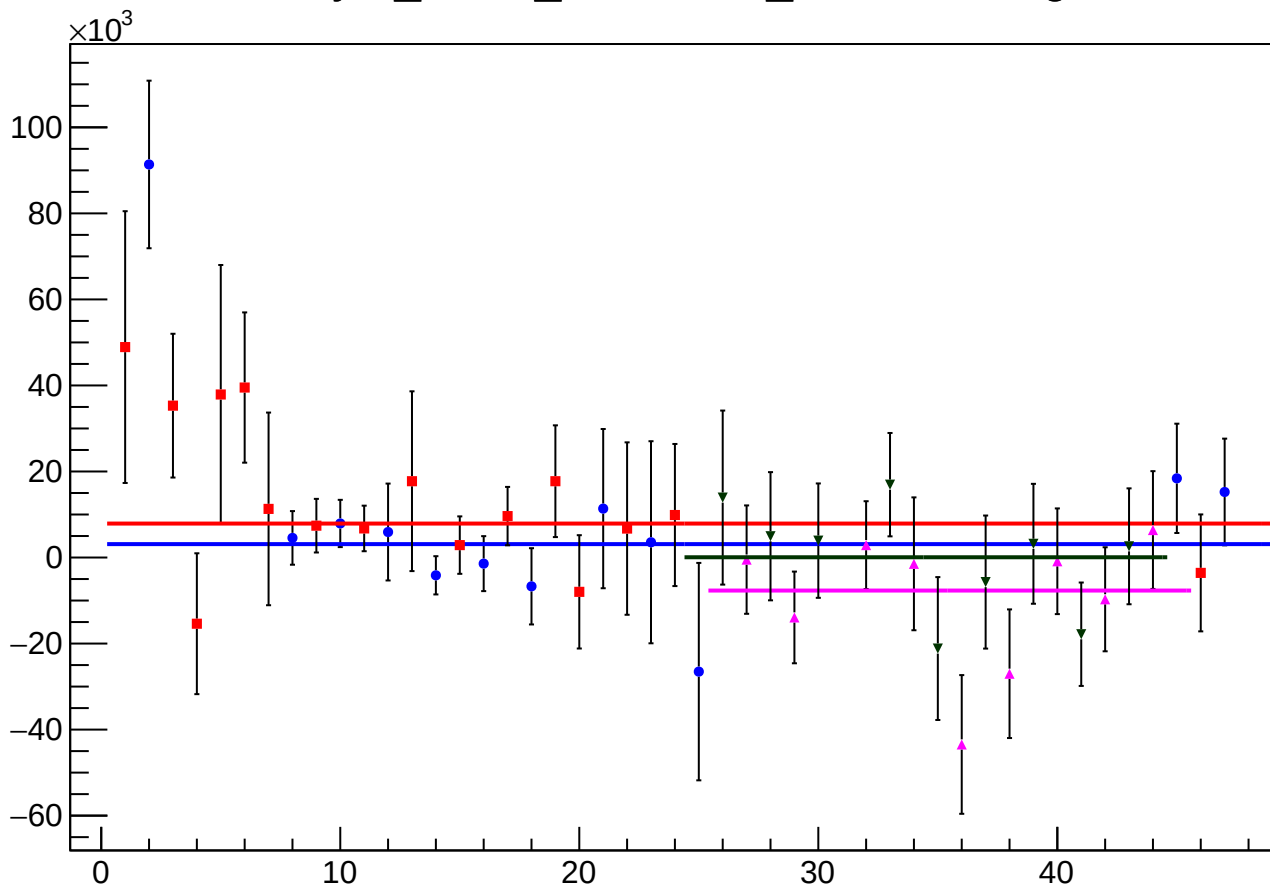
Left Out: 848.692+/-0.274 χ^2/NDF : 72527.0/8

Right Out: 667.641+/-0.193 χ^2/NDF : 2812395.3/15

Left In: 859.214+/-0.259 χ^2/NDF : 115718.5/8

697.509+/-0.105 χ^2/NDF : 6736371.4/45

asym_sam3_correction_mean vs slug



Right In: 3116.235 $\pm$ 2381.901 χ^2 /NDF: 29.8/11

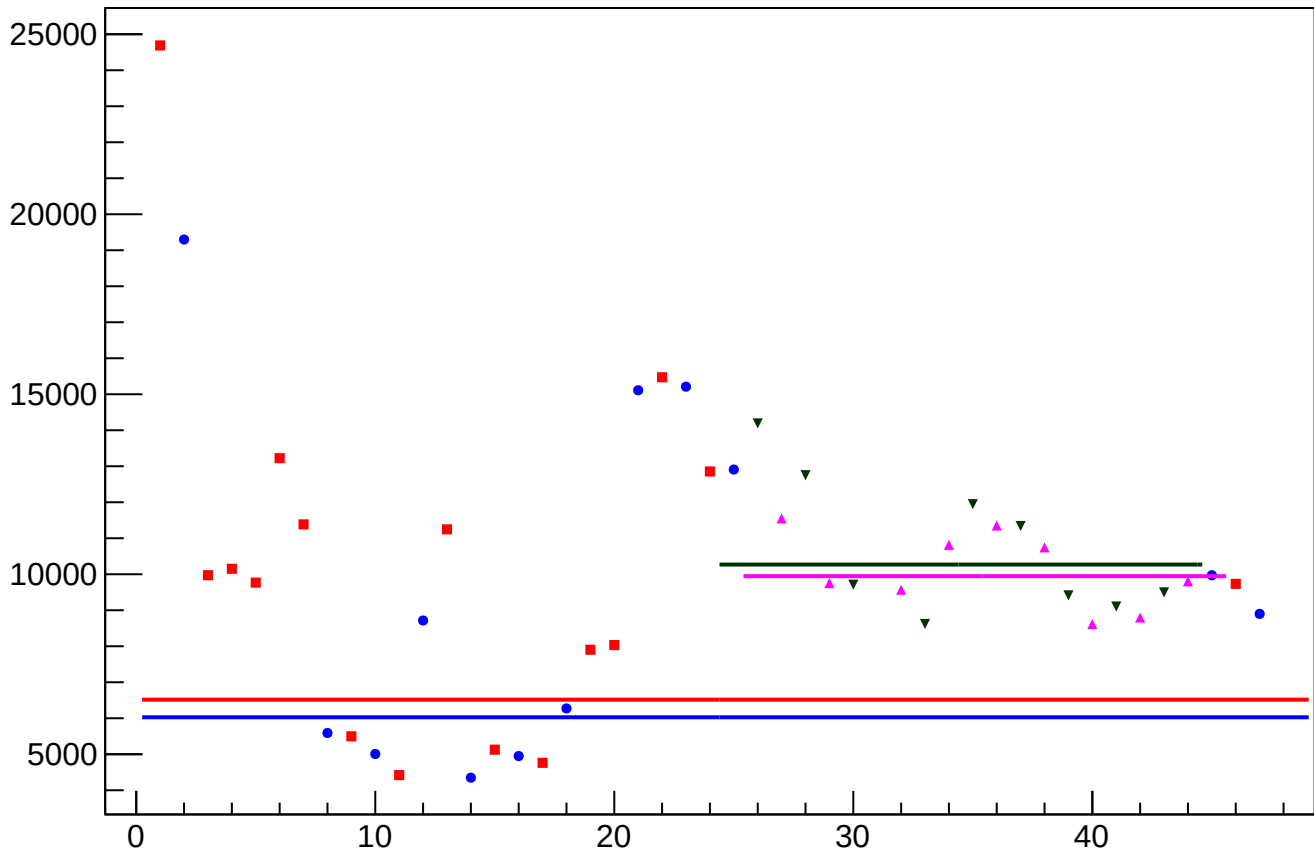
Left Out: 59.920 $\pm$ 4718.227 χ^2 /NDF: 6.7/8

3008.834 $\pm$ 1537.551 χ^2 /NDF: 71.0/45

Right Out: 7894.199 $\pm$ 2618.970 χ^2 /NDF: 14.4/15

Left In: -7677.411 $\pm$ 4224.746 χ^2 /NDF: 9.9/8

asym_sam3_correction_rms vs slug



Right In: 6027.055+/-1.684 χ^2/NDF : 2700532.7/11

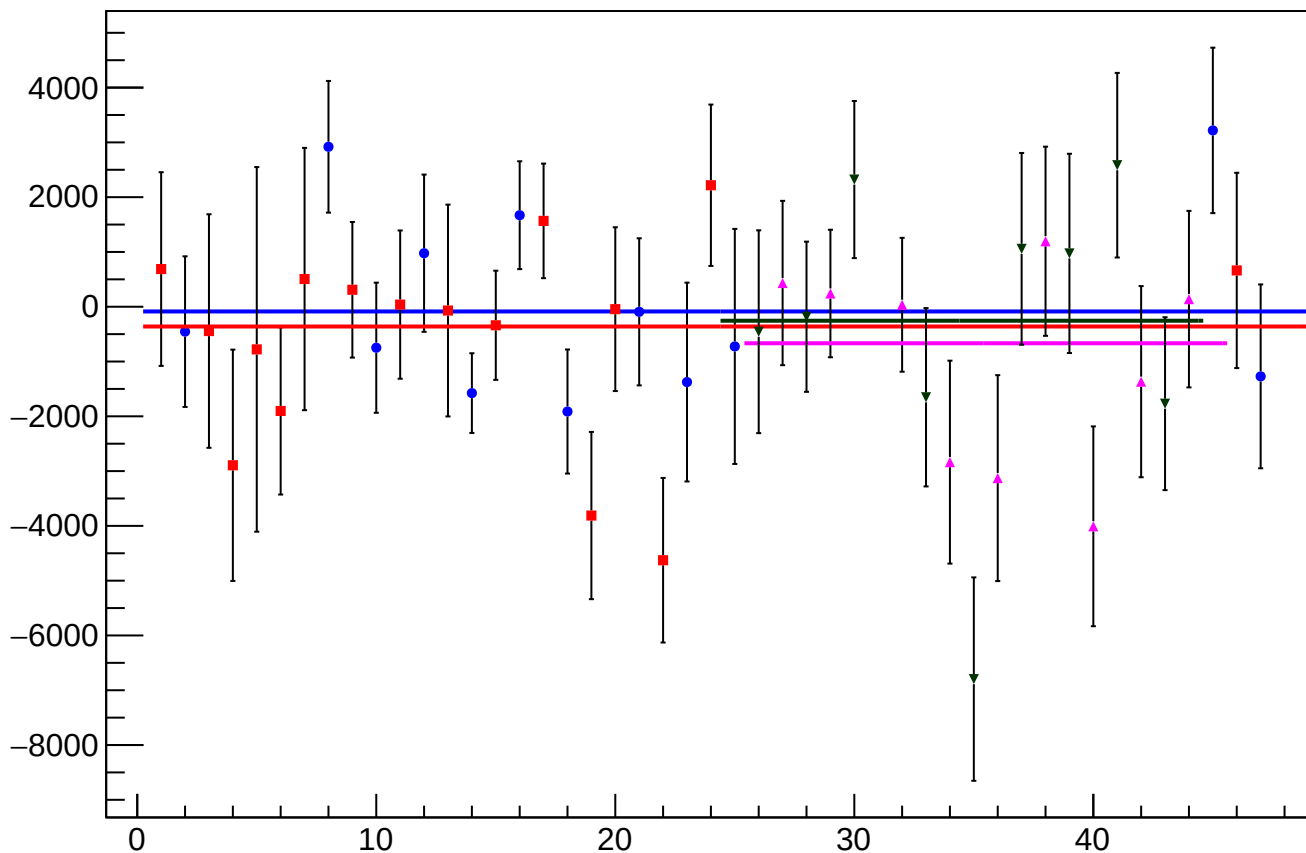
Left Out: 10269.294+/-3.336 χ^2/NDF : 234820.8/8

7165.396+/-1.087 χ^2/NDF : 8155712.6/45

Right Out: 6516.391+/-1.852 χ^2/NDF : 2803465.0/15

Left In: 9946.834+/-2.987 χ^2/NDF : 104837.7/8

reg_asym_sam4_mean vs slug



Right In: -85.983 ± 353.822 χ^2/NDF : 23.1/11

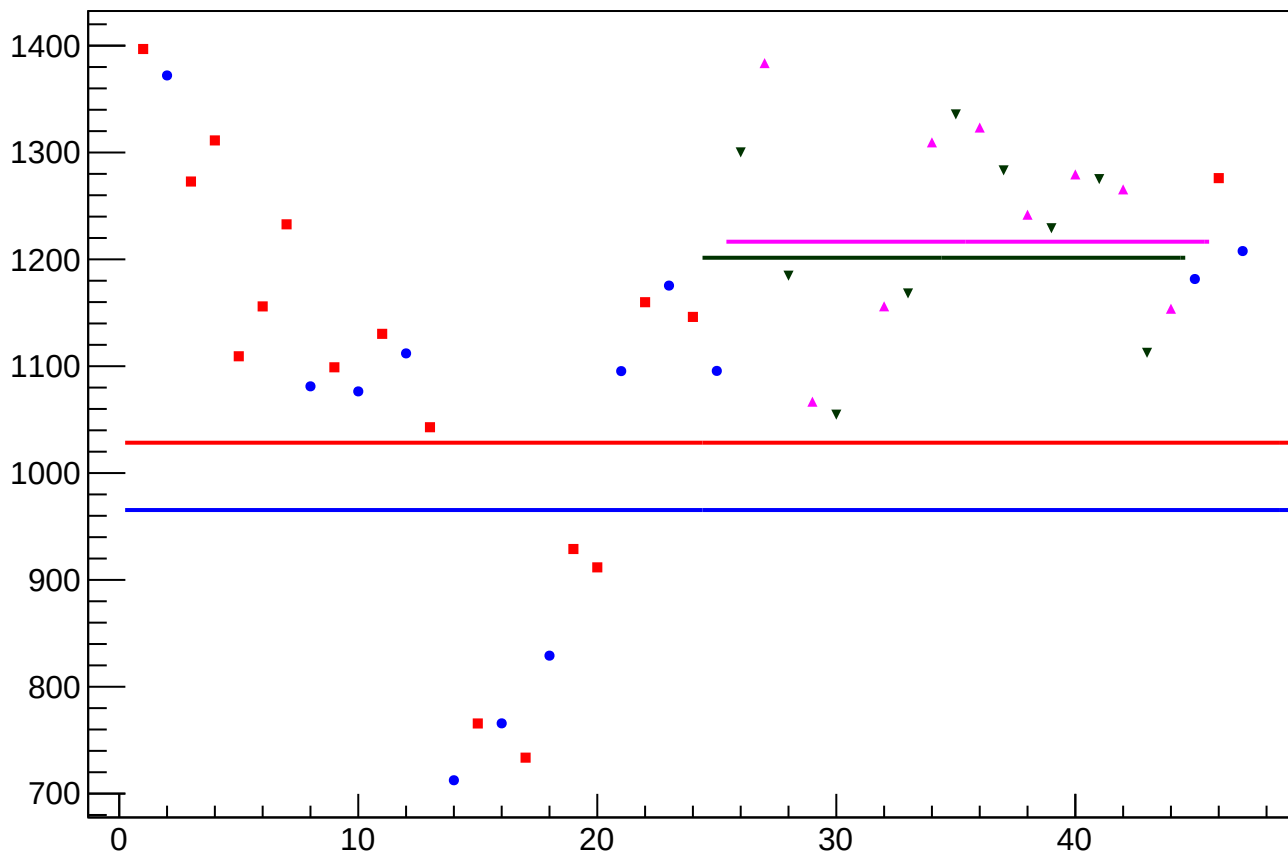
Left Out: -255.316 ± 545.443 χ^2/NDF : 21.2/8

-297.554 ± 212.865 χ^2/NDF : 78.0/45

Right Out: -360.640 ± 379.519 χ^2/NDF : 23.4/15

Left In: -666.576 ± 514.516 χ^2/NDF : 9.5/8

reg_asym_sam4_rms vs slug



Right In: 965.391+/-0.250 χ^2/NDF : 720640.7/11

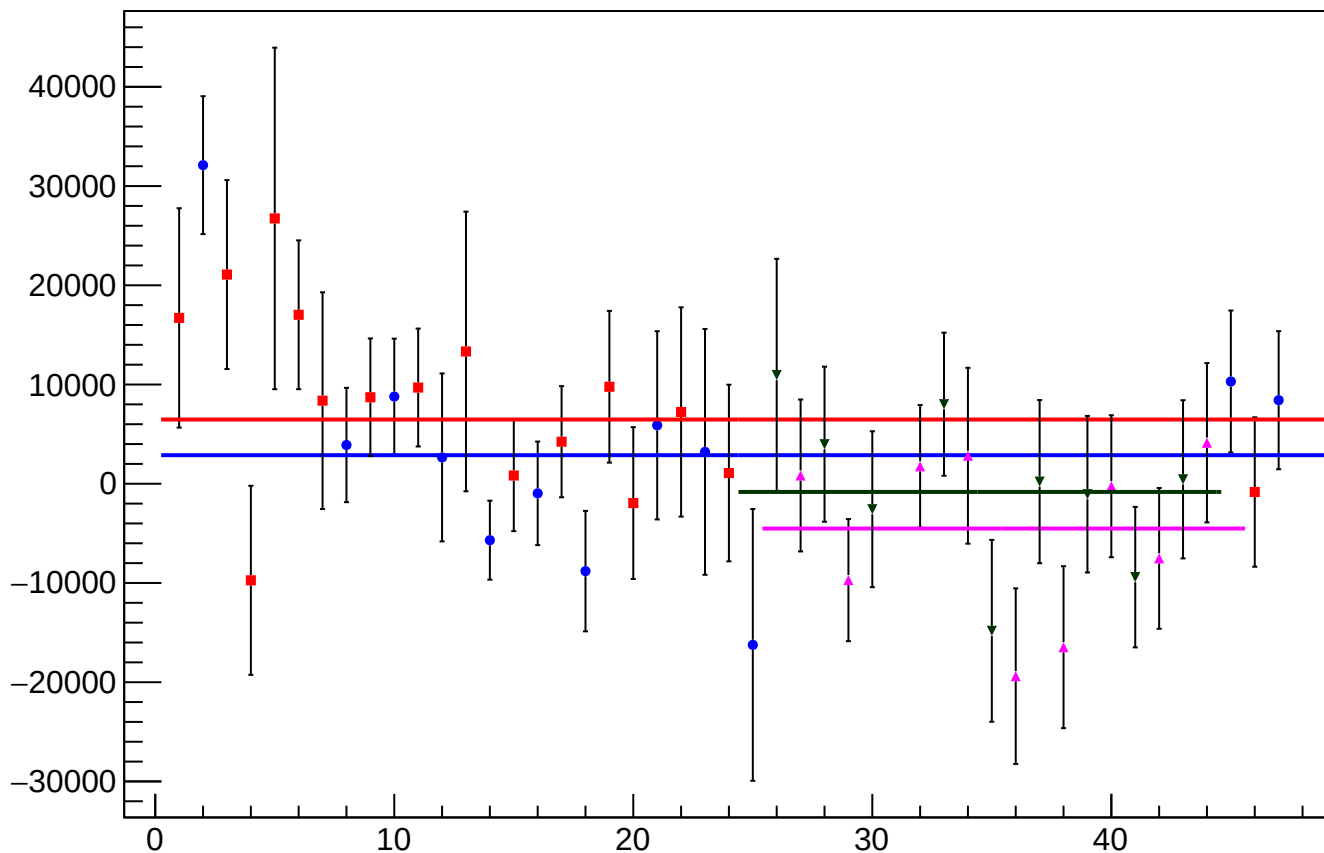
Left Out: 1201.502+/-0.386 χ^2/NDF : 53243.4/8

Right Out: 1028.405+/-0.268 χ^2/NDF : 582184.9/15

Left In: 1216.522+/-0.364 χ^2/NDF : 81773.0/8

1064.160+/-0.151 χ^2/NDF : 1913628.9/45

asym_sam4_correction_mean vs slug



Right In: 2879.757 $\pm$ 1875.815 χ^2 /NDF: 31.4/11

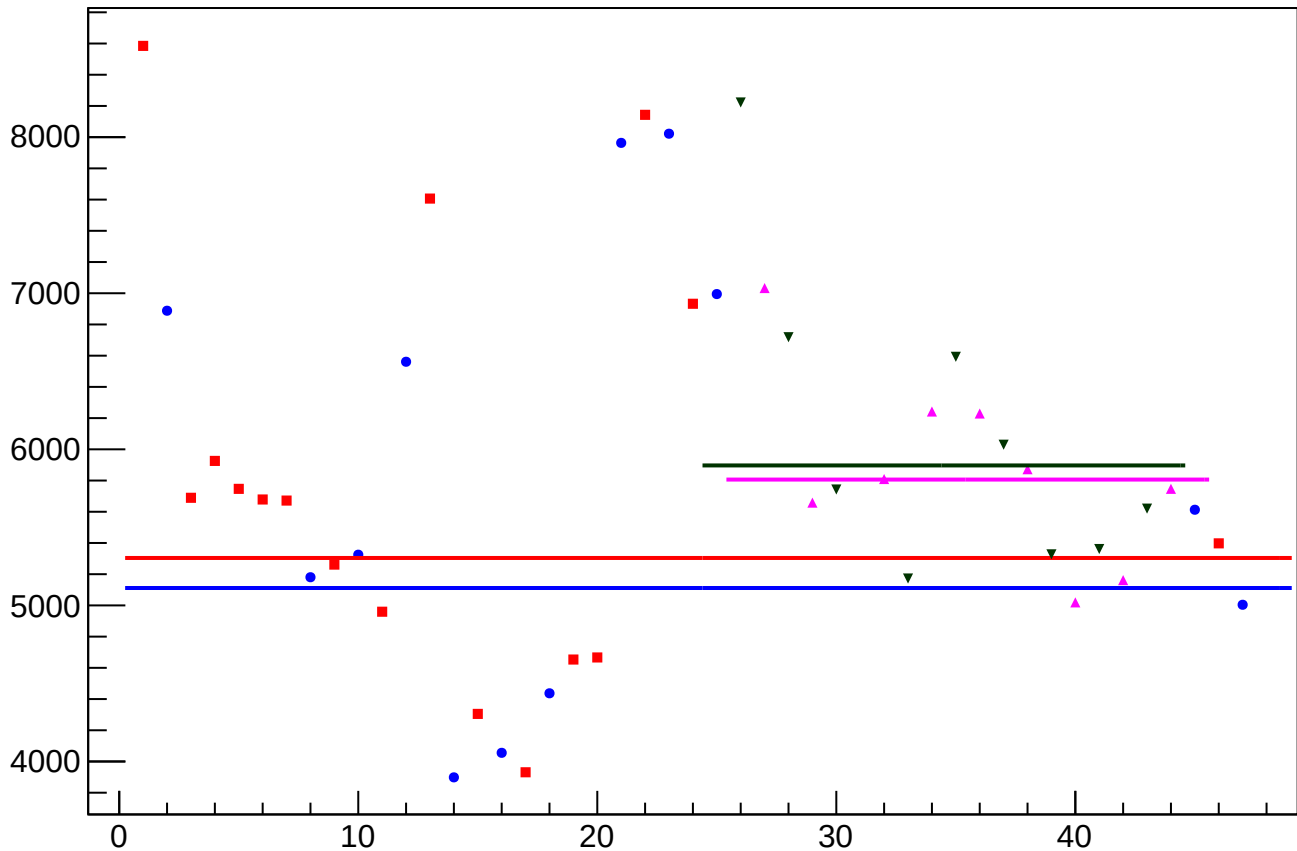
Left Out: -824.542 $\pm$ 2696.175 χ^2 /NDF: 6.8/8

Right Out: 6472.632 $\pm$ 1966.074 χ^2 /NDF: 14.1/15

Left In: -4513.128 $\pm$ 2460.890 χ^2 /NDF: 9.6/8

1932.666 $\pm$ 1087.477 χ^2 /NDF: 75.3/45

asym_sam4_correction_rms vs slug



Right In: 5111.495+/-1.326 χ^2/NDF : 823939.4/11

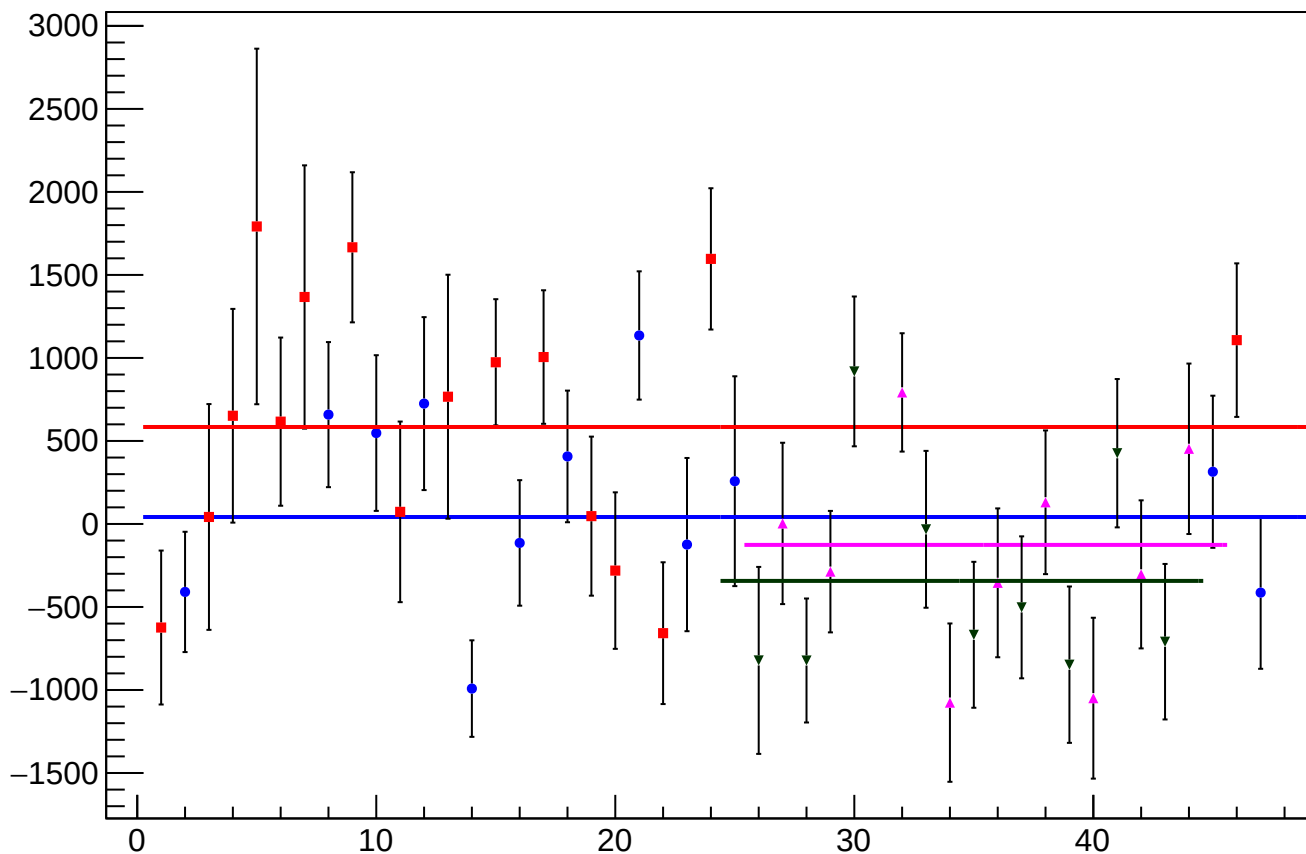
Left Out: 5896.806+/-1.906 χ^2/NDF : 158167.8/8

Right Out: 5303.928+/-1.390 χ^2/NDF : 681004.1/15

Left In: 5806.242+/-1.740 χ^2/NDF : 102860.0/8

5433.796+/-0.769 χ^2/NDF : 1938534.1/45

reg_asym_sam5_mean vs slug



Right In: 41.858+/-120.670 χ^2/NDF : 29.6/11

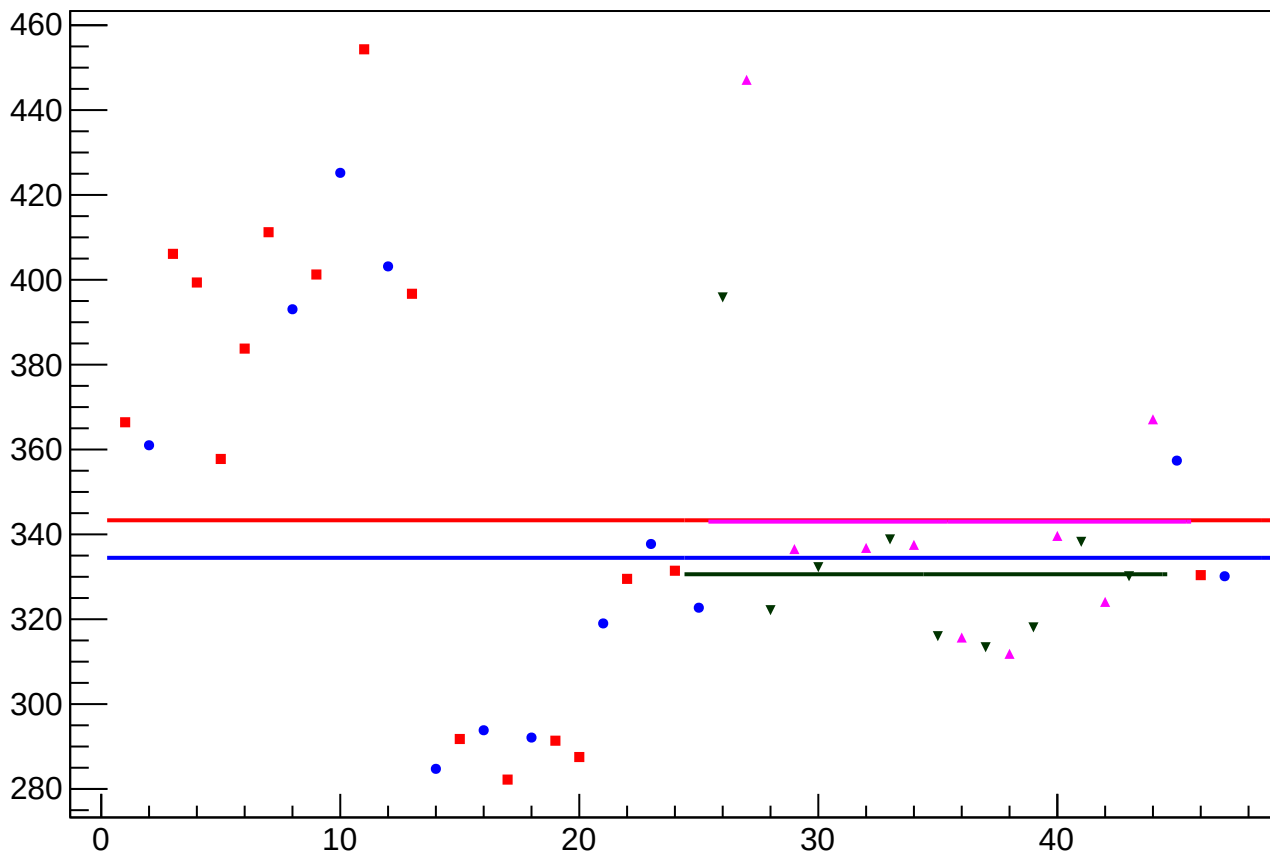
Left Out: -342.981+/-150.000 χ^2/NDF : 16.0/8

Right Out: 584.098+/-125.621 χ^2/NDF : 38.5/15

Left In: -126.114+/-145.287 χ^2/NDF : 16.5/8

83.400+/-66.836 χ^2/NDF : 126.9/45

reg_asym_sam5_rms vs slug



Right In: 334.474 ± 0.085 χ^2/NDF : 269989.7/11

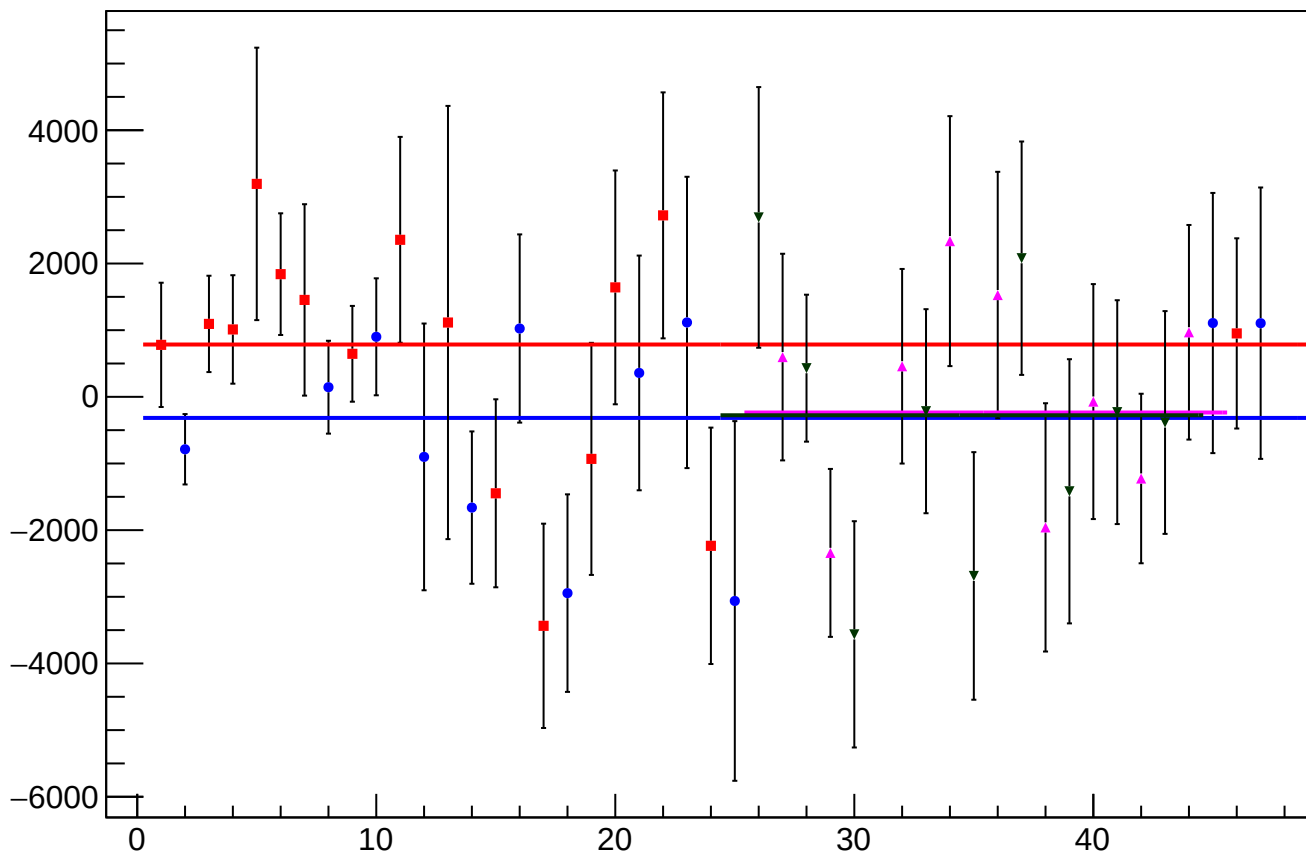
Left Out: 330.601 ± 0.106 χ^2/NDF : 35957.8/8

Right Out: 343.321 ± 0.089 χ^2/NDF : 331434.0/15

Left In: 342.998 ± 0.103 χ^2/NDF : 119222.4/8

338.013 ± 0.047 χ^2/NDF : 769132.5/45

asym_sam5_correction_mean vs slug



Right In: -316.338 ± 314.767 $\chi^2/\text{NDF}: 11.3/11$

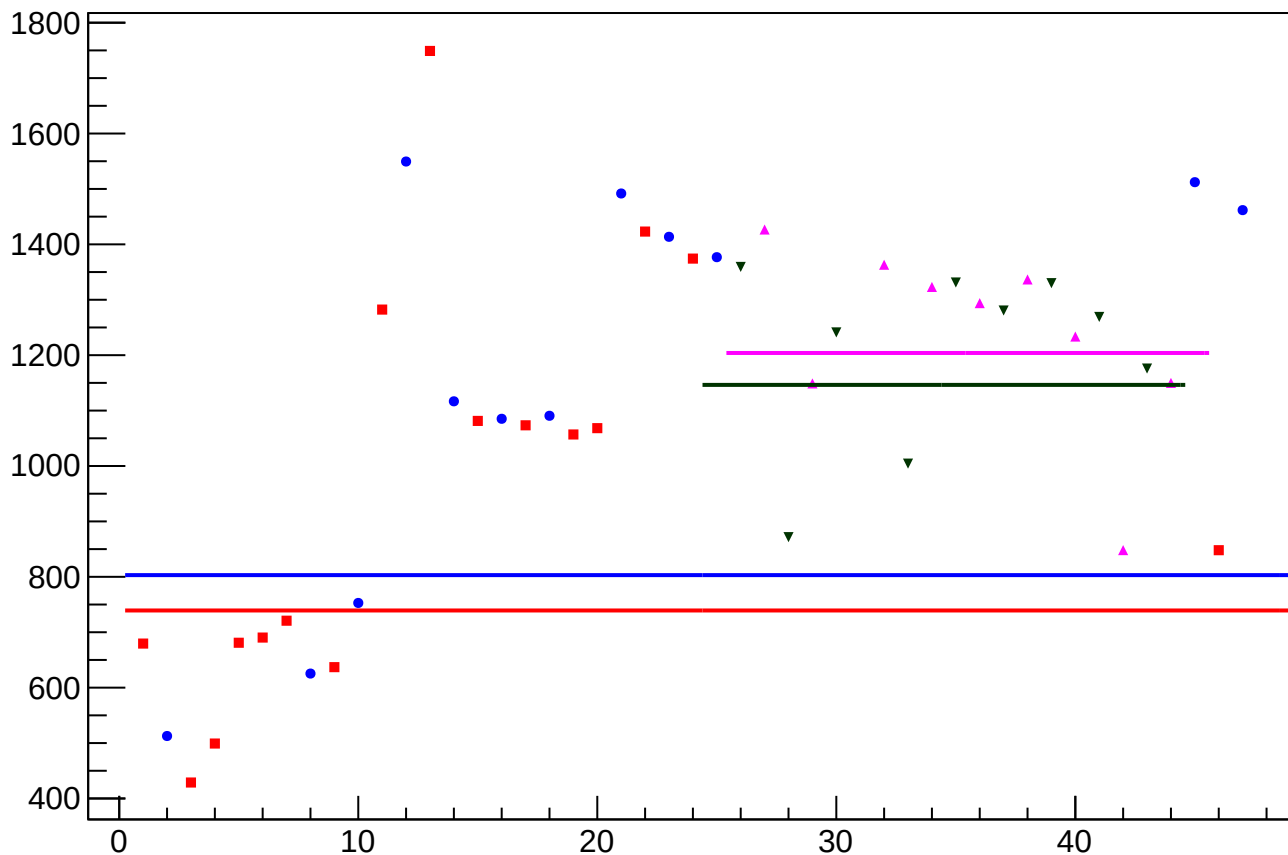
Left Out: -276.488 ± 539.013 $\chi^2/\text{NDF}: 10.3/8$

Right Out: 784.939 ± 293.136 $\chi^2/\text{NDF}: 19.6/15$

Left In: -235.272 ± 519.379 $\chi^2/\text{NDF}: 8.1/8$

142.597 ± 186.082 $\chi^2/\text{NDF}: 57.4/45$

asym_sam5_correction_rms vs slug



Right In: 803.077+/-0.223 χ^2/NDF : 2351587.1/11

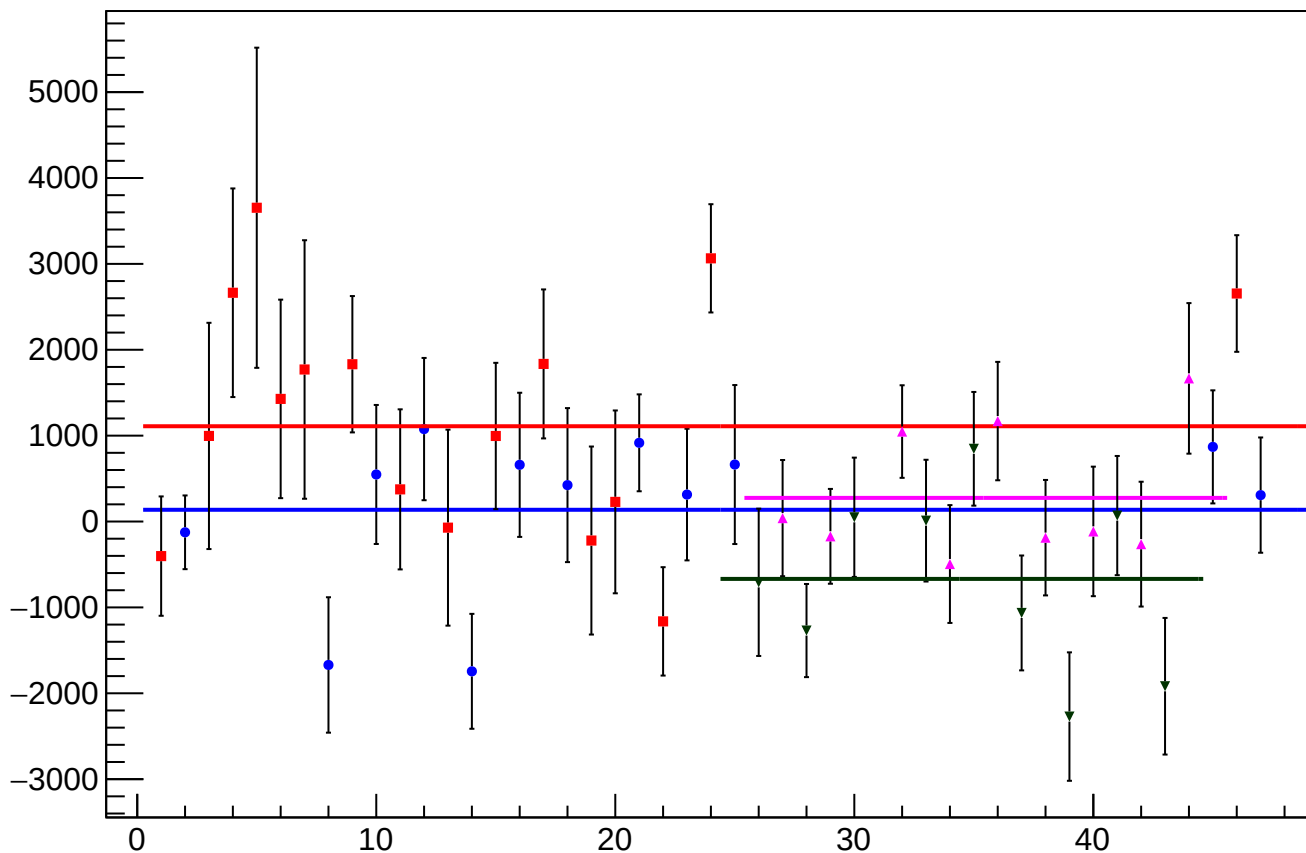
Left Out: 1146.369+/-0.381 χ^2/NDF :231446.2/8

Right Out: 739.276+/-0.207 χ^2/NDF : 1932561.6/15

Left In: 1203.975+/-0.367 χ^2/NDF :251275.8/8

869.742+/-0.132 χ^2/NDF : 6607771.3/45

reg_asym_sam6_mean vs slug



Right In: 136.757+/-198.188 χ^2/NDF : 19.2/11

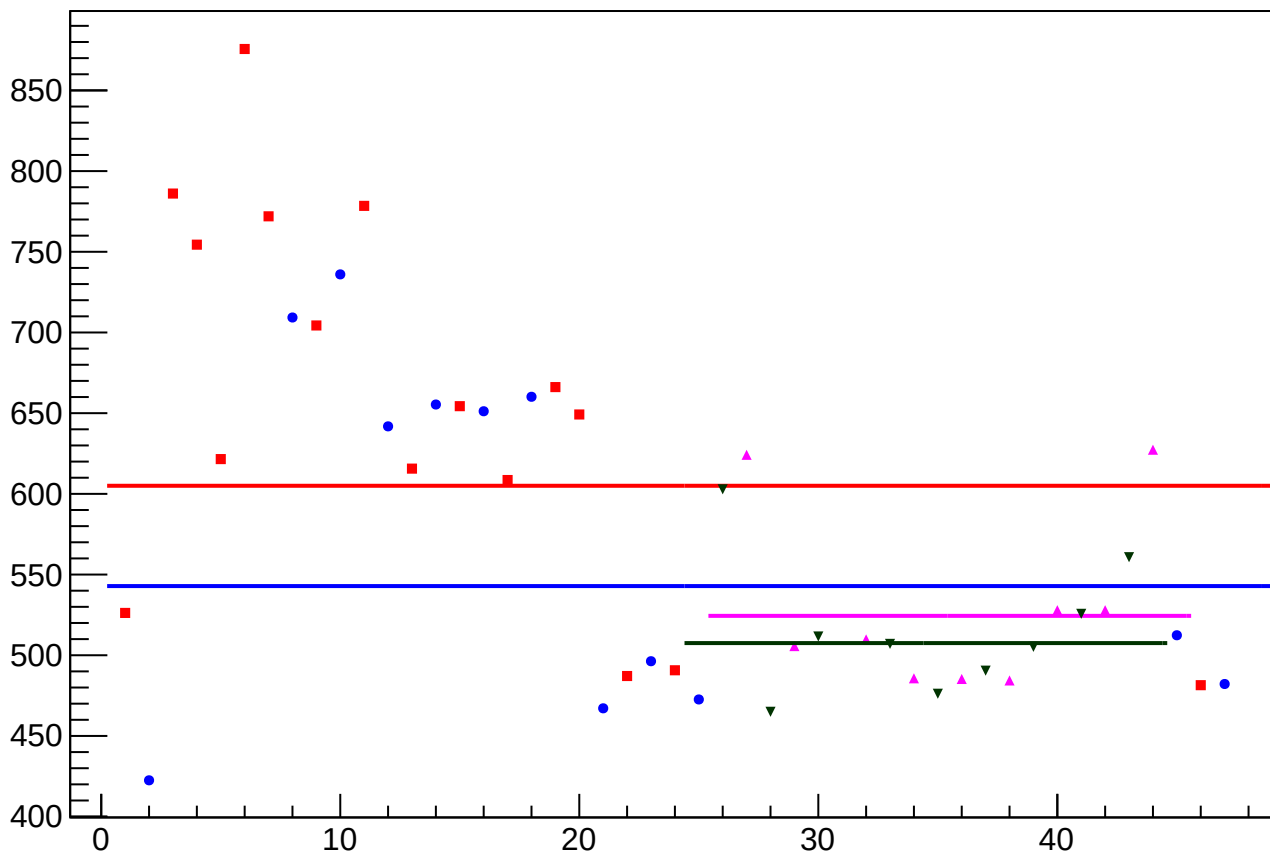
Left Out: -668.141+/-230.723 χ^2/NDF : 17.0/8

Right Out: 1109.481+/-223.994 χ^2/NDF : 41.7/15

Left In: 275.250+/-221.925 χ^2/NDF : 9.6/8

220.554+/-108.799 χ^2/NDF : 118.2/45

reg_asym_sam6_rms vs slug



Right In: 542.863+/-0.140 χ^2/NDF : 588500.2/11

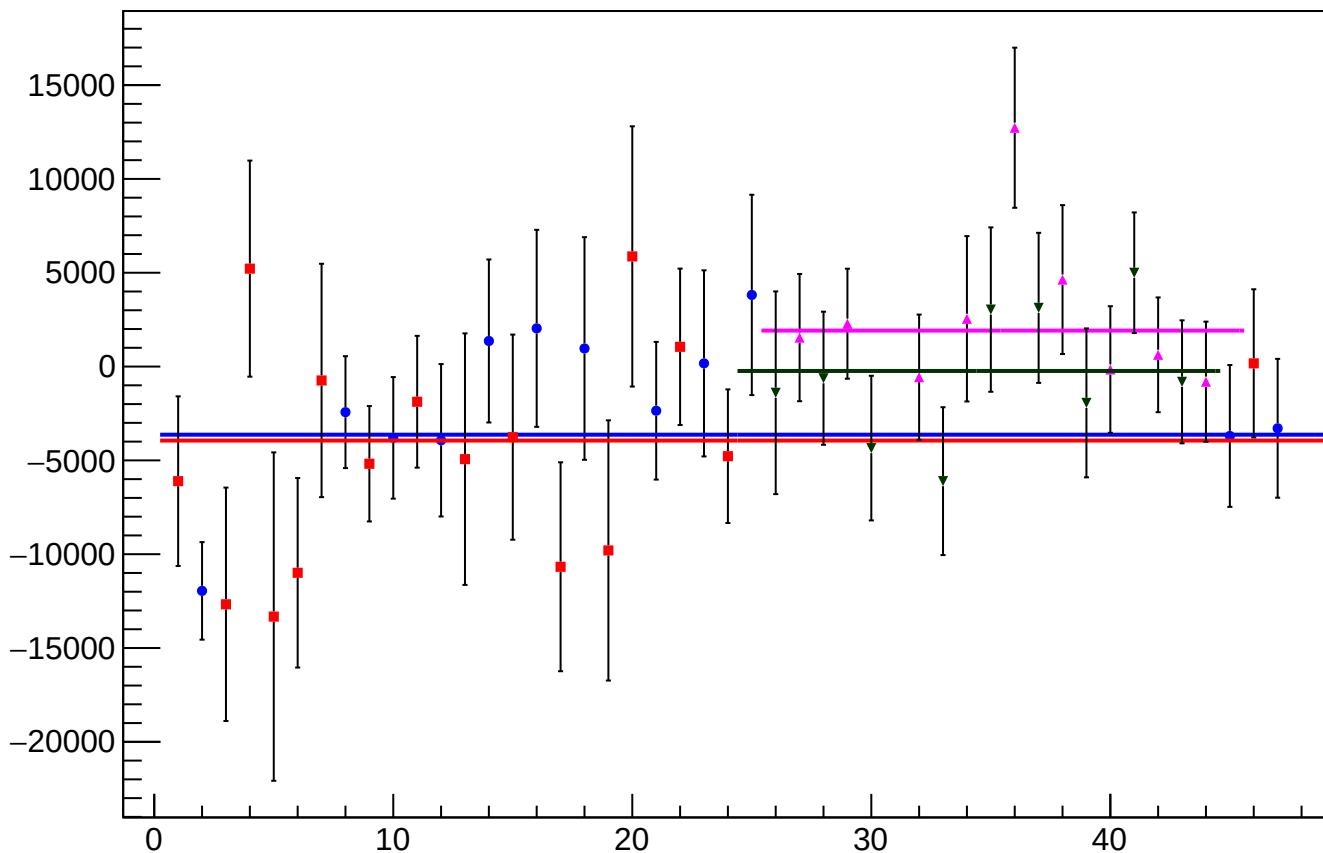
Left Out: 507.540+/-0.163 χ^2/NDF : 53222.5/8

Right Out: 605.017+/-0.158 χ^2/NDF : 547197.9/15

Left In: 524.413+/-0.157 χ^2/NDF : 94852.7/8

545.238+/-0.077 χ^2/NDF : 1497514.0/45

asym_sam6_correction_mean vs slug



Right In: -3630.868 ± 1099.431 $\chi^2/\text{NDF}: 16.2/11$

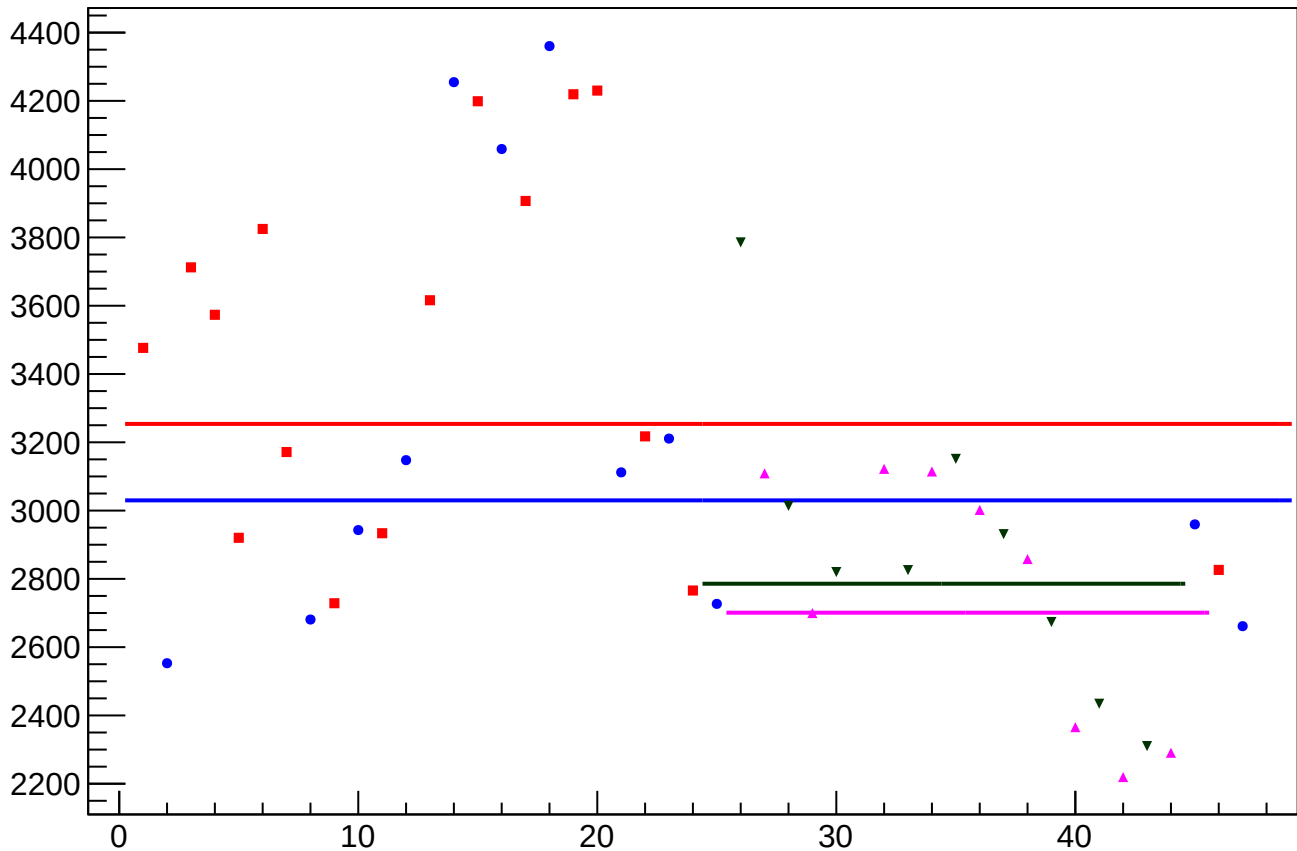
Left Out: -235.020 ± 1276.692 $\chi^2/\text{NDF}: 7.5/8$

-1539.687 ± 587.576 $\chi^2/\text{NDF}: 65.6/45$

Right Out: -3943.062 ± 1195.233 $\chi^2/\text{NDF}: 15.4/15$

Left In: 1916.764 ± 1150.358 $\chi^2/\text{NDF}: 8.8/8$

asym_sam6_correction_rms vs slug



Right In: 3029.914 +/- 0.777 χ^2/NDF : 465031.9/11

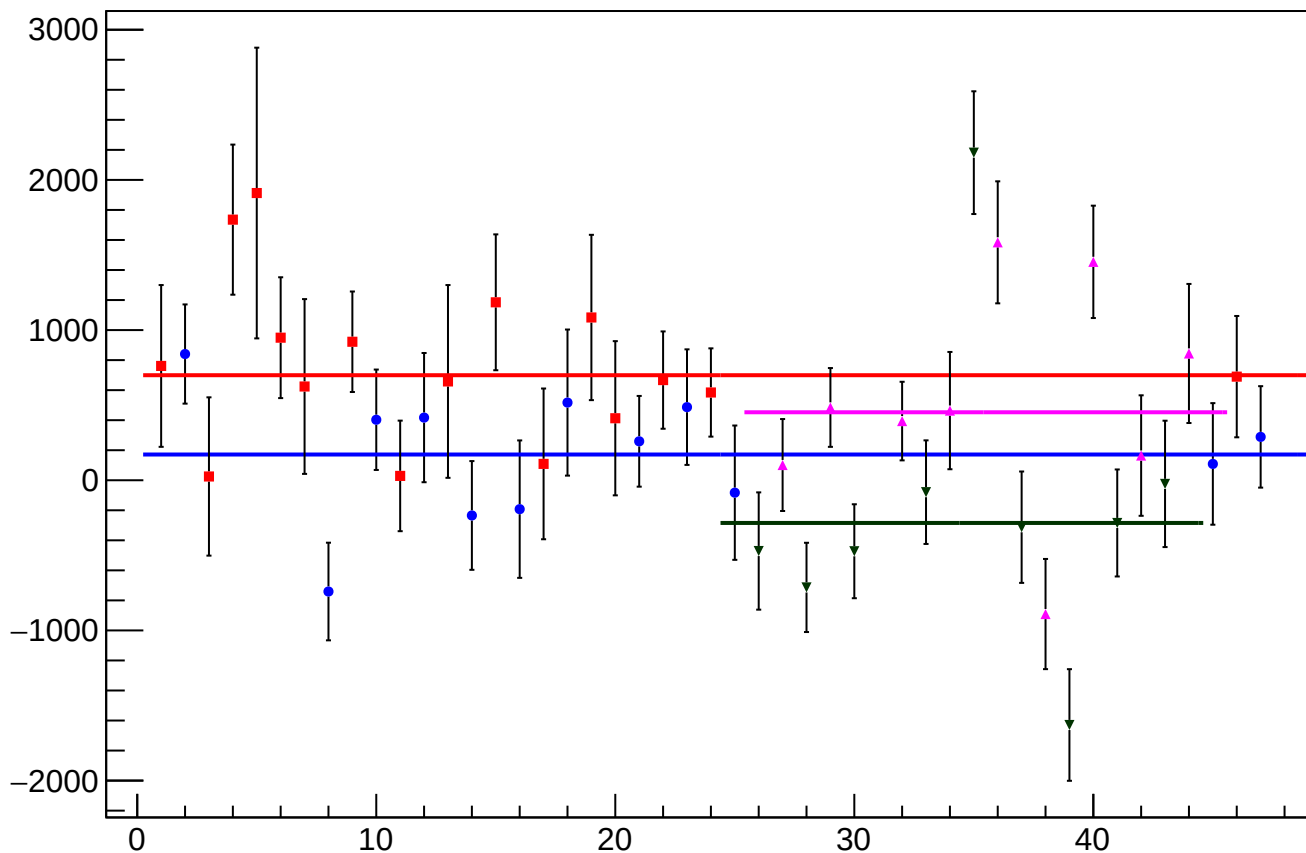
Left Out: 2785.776 +/- 0.903 χ^2/NDF : 161309.1/8

Right Out: 3253.825 +/- 0.845 χ^2/NDF : 358384.9/15

Left In: 2700.958 +/- 0.813 χ^2/NDF : 193784.6/8

2946.492 +/- 0.415 χ^2/NDF : 1445068.4/45

reg_asym_sam7_mean vs slug



Right In: 171.407+/-107.097 χ^2/NDF : 16.4/11

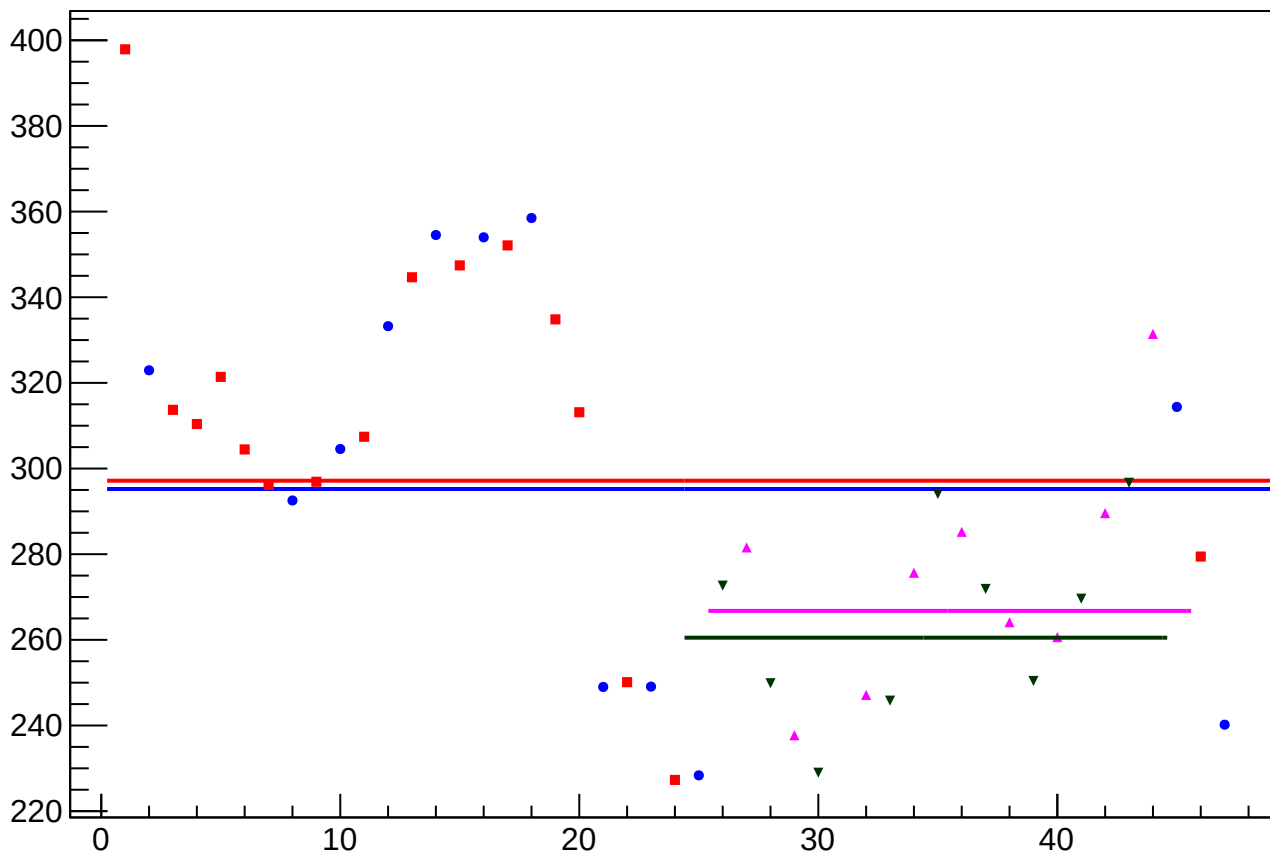
Left Out: -284.306+/-119.075 χ^2/NDF : 52.9/8

Right Out: 699.469+/-109.655 χ^2/NDF : 15.2/15

Left In: 452.715+/-113.322 χ^2/NDF : 31.0/8

277.075+/-56.011 χ^2/NDF : 155.9/45

reg_asym_sam7_rms vs slug



Right In: 295.225 ± 0.076 χ^2/NDF : 329744.6/11

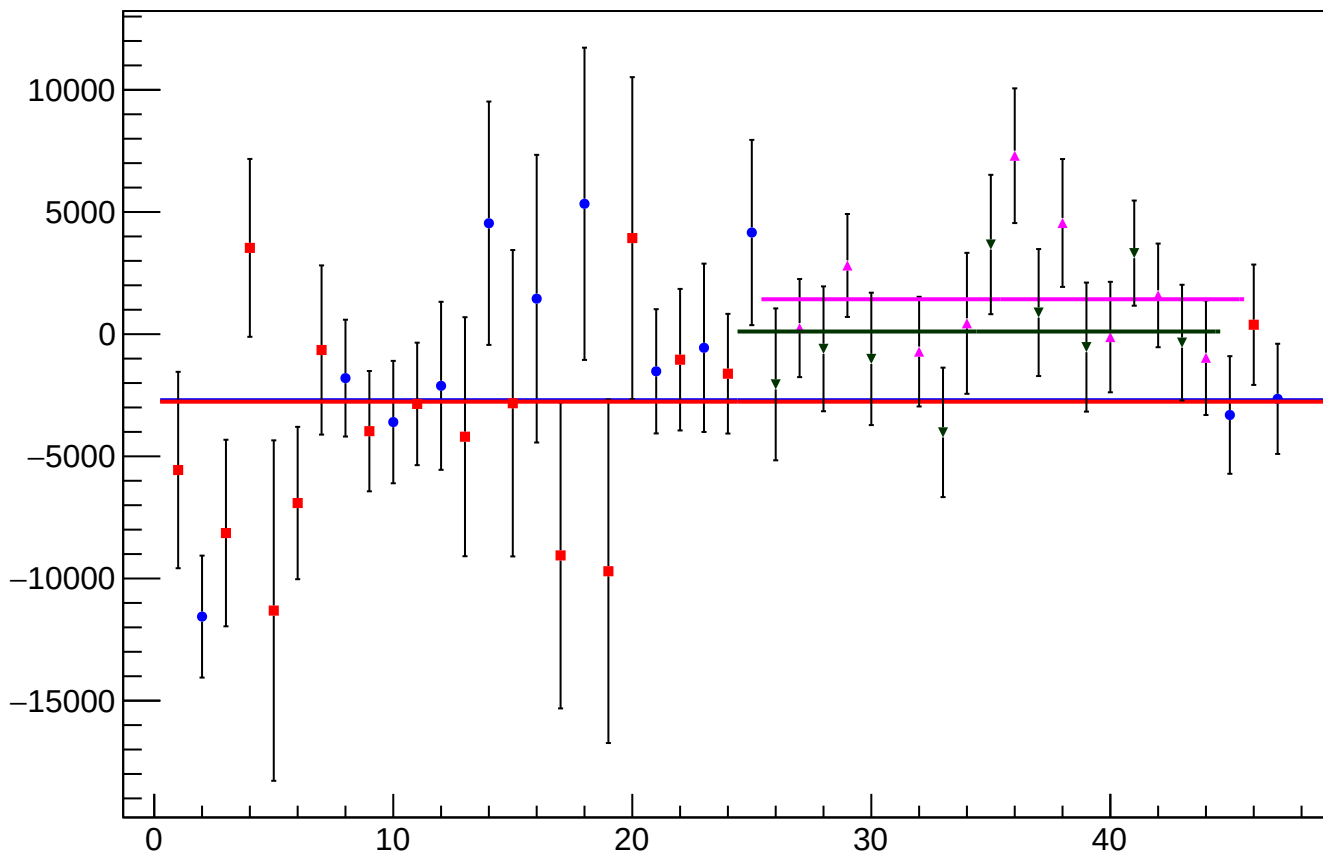
Left Out: 260.507 ± 0.084 χ^2/NDF : 61380.6/8

Right Out: 297.163 ± 0.078 χ^2/NDF : 306713.7/15

Left In: 266.764 ± 0.080 χ^2/NDF : 91725.0/8

281.095 ± 0.040 χ^2/NDF : 959095.1/45

asym_sam7_correction_mean vs slug



Right In: -2702.417 ± 860.338 $\chi^2/\text{NDF}: 21.0/11$

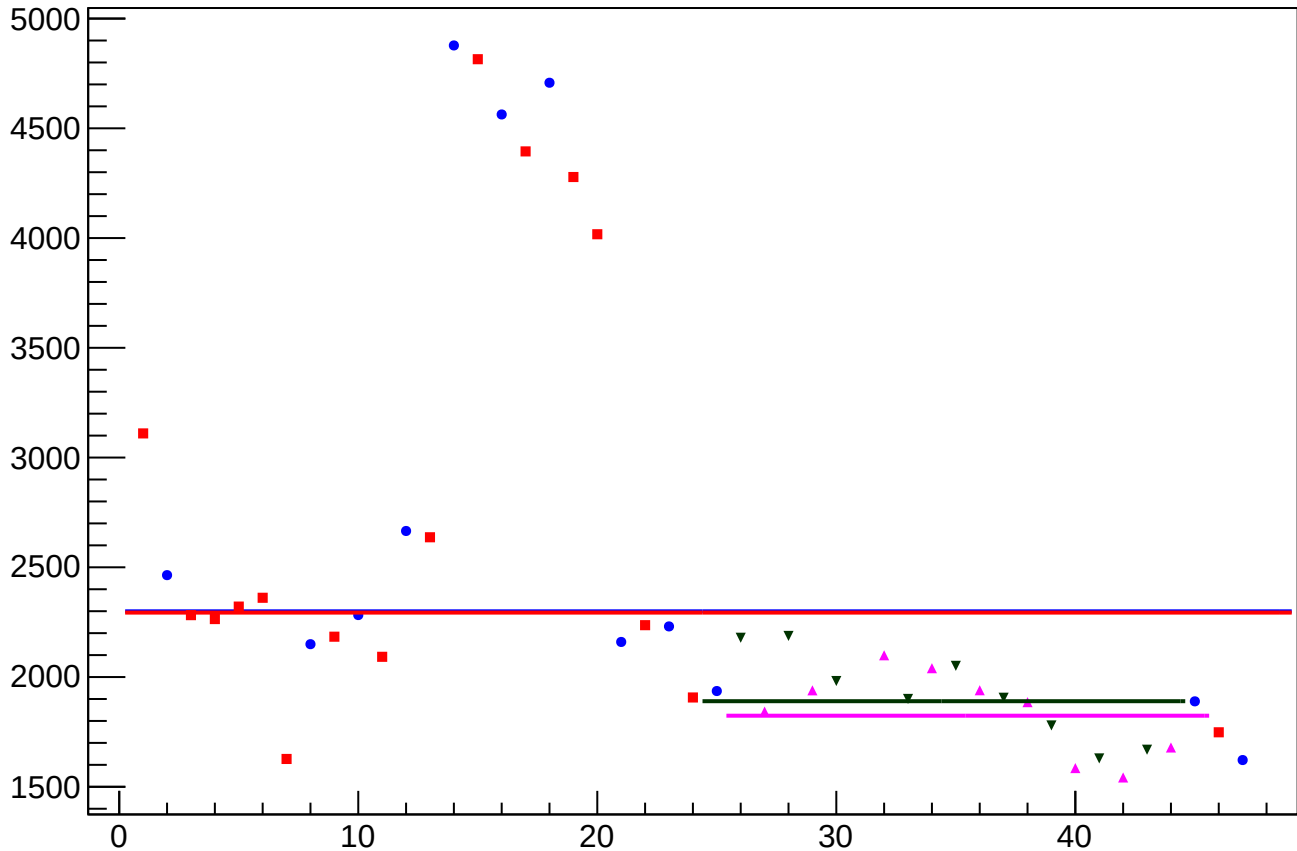
Left Out: 108.894 ± 862.435 $\chi^2/\text{NDF}: 7.1/8$

Right Out: -2763.009 ± 869.190 $\chi^2/\text{NDF}: 14.7/15$

Left In: 1429.578 ± 773.930 $\chi^2/\text{NDF}: 9.3/8$

-839.410 ± 419.271 $\chi^2/\text{NDF}: 71.5/45$

asym_sam7_correction_rms vs slug



Right In: 2299.484 ± 0.608 χ^2/NDF : 1418977.6/11

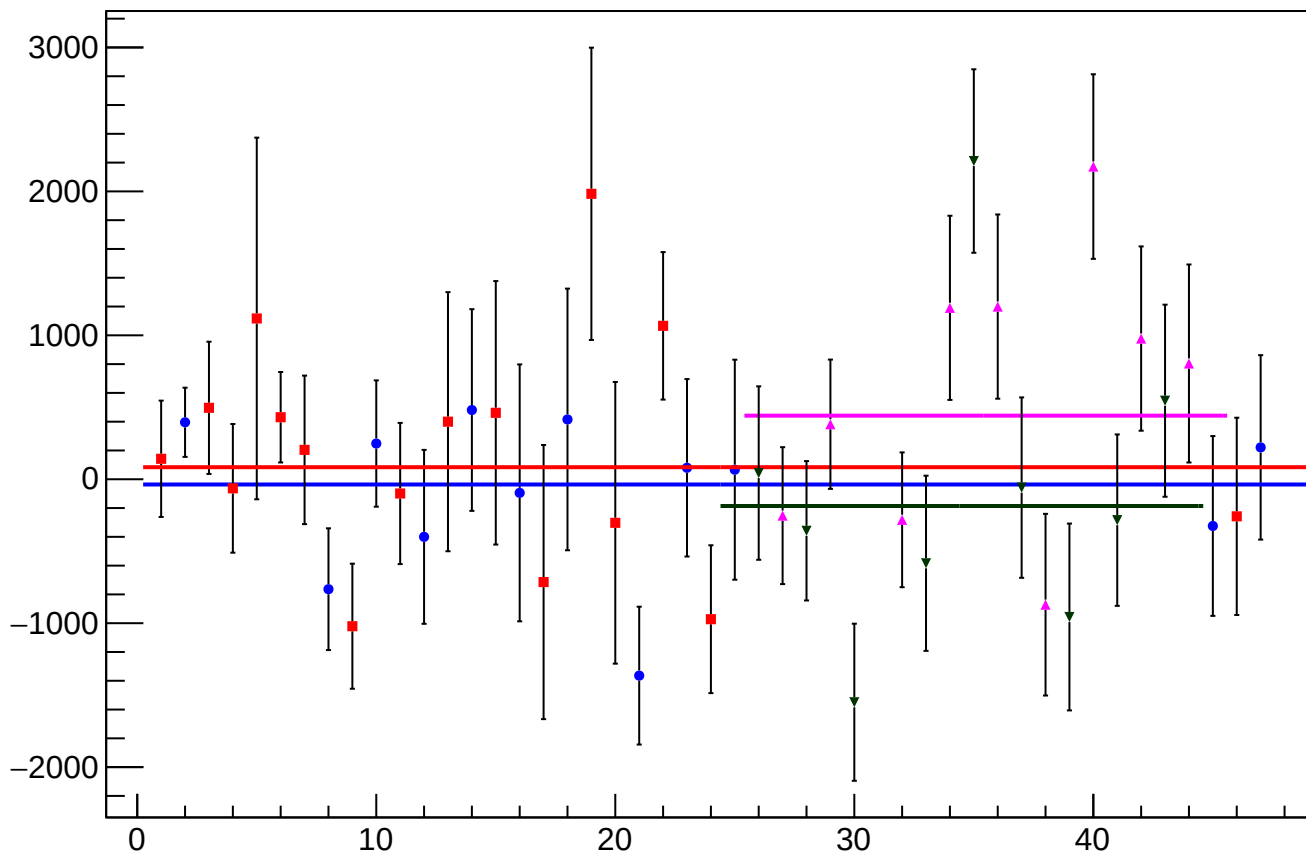
Left Out: 1889.978 ± 0.610 χ^2/NDF : 103461.4/8

2061.765 ± 0.296 χ^2/NDF : 3381044.6/45

Right Out: 2293.631 ± 0.615 χ^2/NDF : 1178015.7/15

Left In: 1823.910 ± 0.547 χ^2/NDF : 117312.7/8

reg_asym_sam8_mean vs slug



Right In: -36.369 ± 142.800 χ^2/NDF : 15.9/11

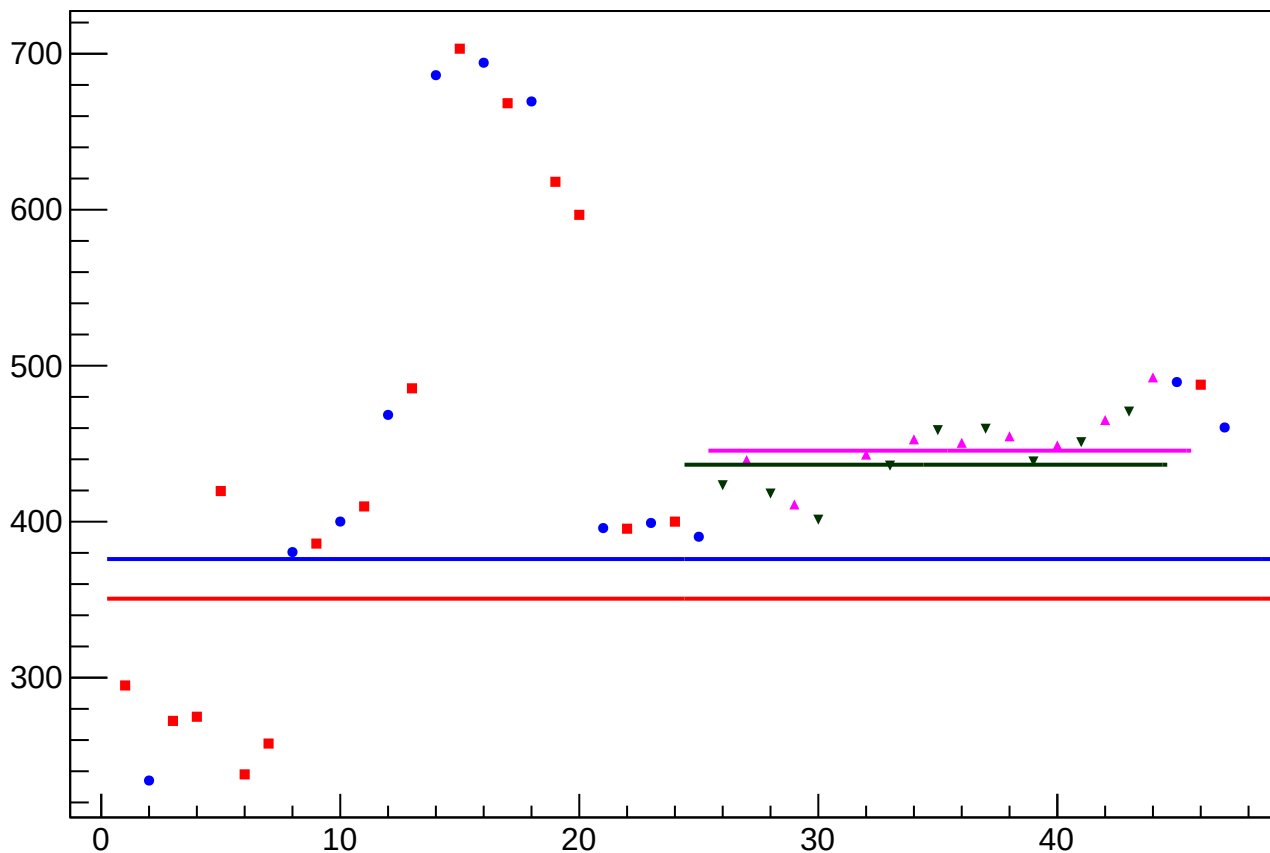
Left Out: -185.734 ± 197.924 χ^2/NDF : 23.8/8

Right Out: 83.816 ± 134.700 χ^2/NDF : 22.3/15

Left In: 441.886 ± 187.906 χ^2/NDF : 19.9/8

67.148 ± 79.555 χ^2/NDF : 88.0/45

reg_asym_sam8_rms vs slug



Right In: 376.053+/-0.101 χ^2/NDF : 1713169.0/11

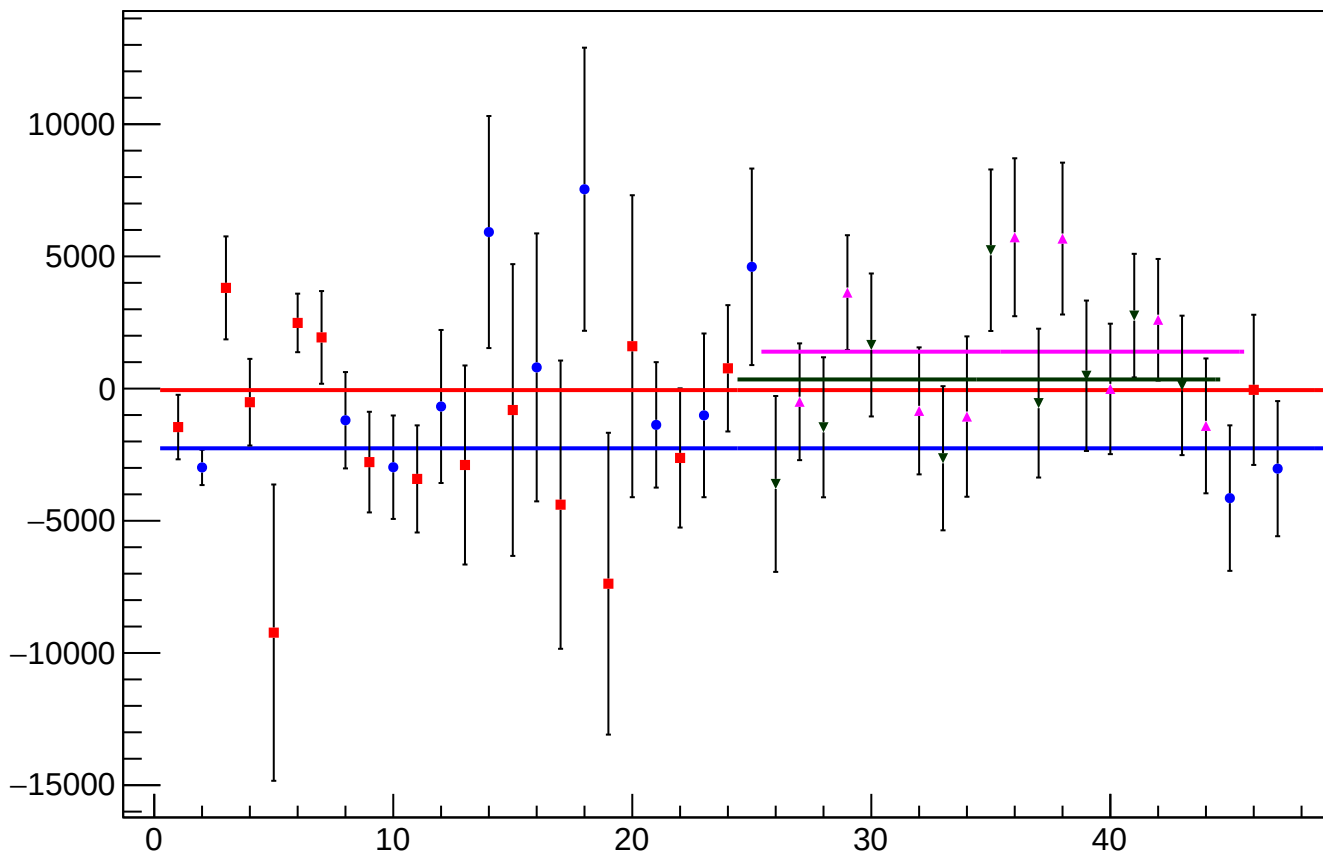
Left Out: 436.530+/-0.140 χ^2/NDF : 23739.6/8

Right Out: 350.644+/-0.095 χ^2/NDF : 1466808.3/15

Left In: 445.529+/-0.133 χ^2/NDF : 24251.7/8

389.414+/-0.056 χ^2/NDF : 3702867.1/45

asym_sam8_correction_mean vs slug



Right In: -2258.260 ± 520.370 $\chi^2/\text{NDF}: 13.4/11$

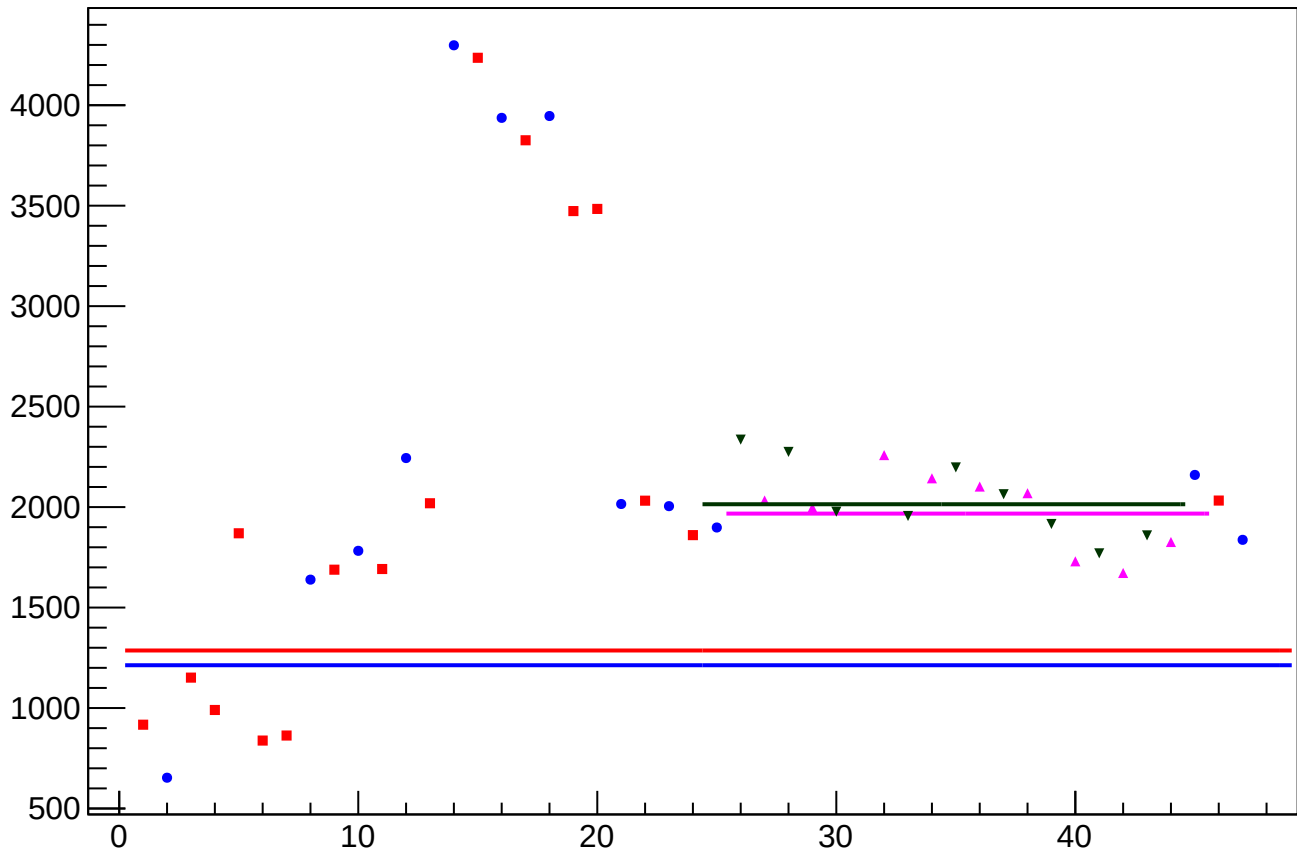
Left Out: 345.867 ± 917.400 $\chi^2/\text{NDF}: 7.0/8$

Right Out: -57.234 ± 523.932 $\chi^2/\text{NDF}: 23.4/15$

Left In: 1396.281 ± 833.383 $\chi^2/\text{NDF}: 9.5/8$

-614.903 ± 316.800 $\chi^2/\text{NDF}: 71.3/45$

asym_sam8_correction_rms vs slug



Right In: 1213.003+/-0.368 χ^2/NDF : 4810870.9/11

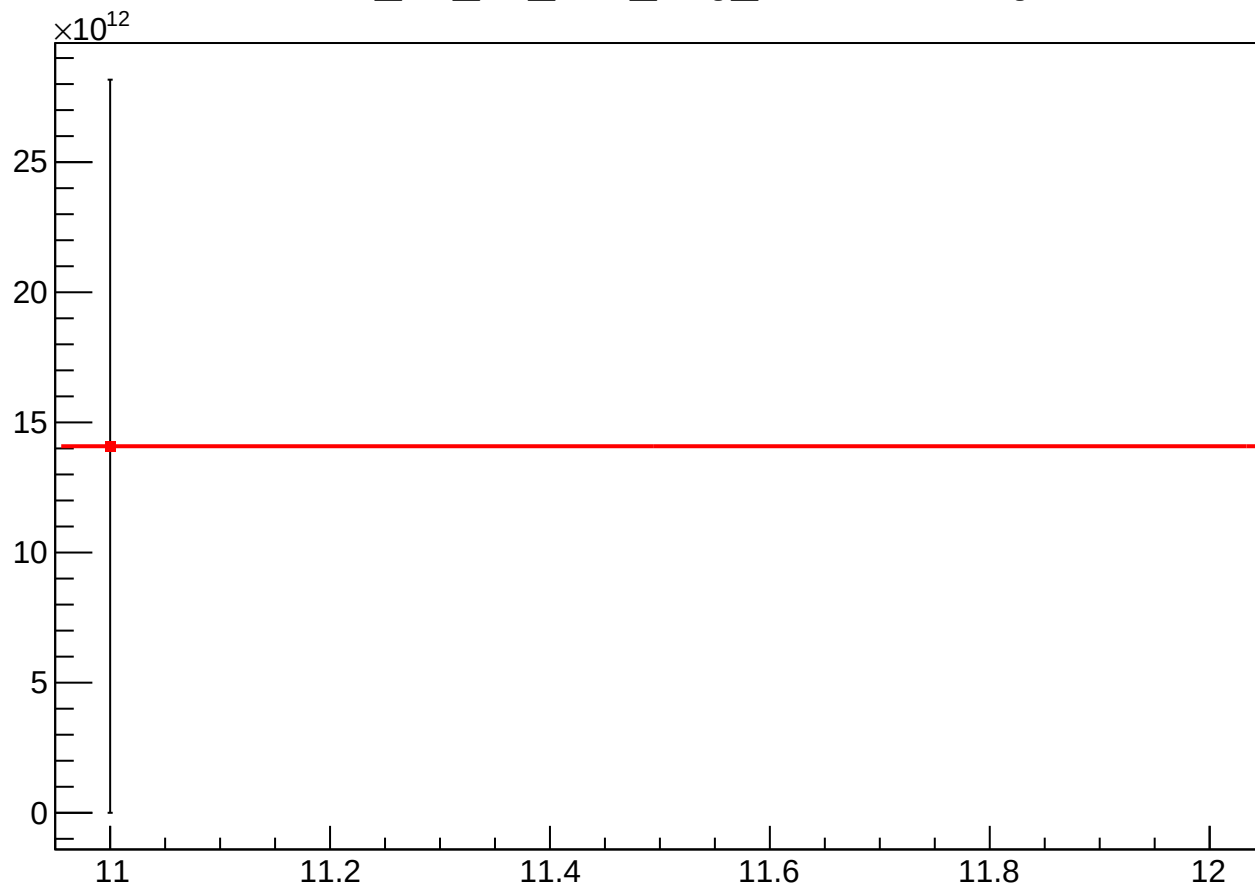
Left Out: 2014.180+/-0.649 χ^2/NDF : 78312.3/8

1444.409+/-0.224 χ^2/NDF : 10107228.5/45

Right Out: 1286.376+/-0.370 χ^2/NDF : 2978467.2/15

Left In: 1967.588+/-0.589 χ^2/NDF : 102441.7/8

bcm_an_us_ds3_avg_mean vs slug



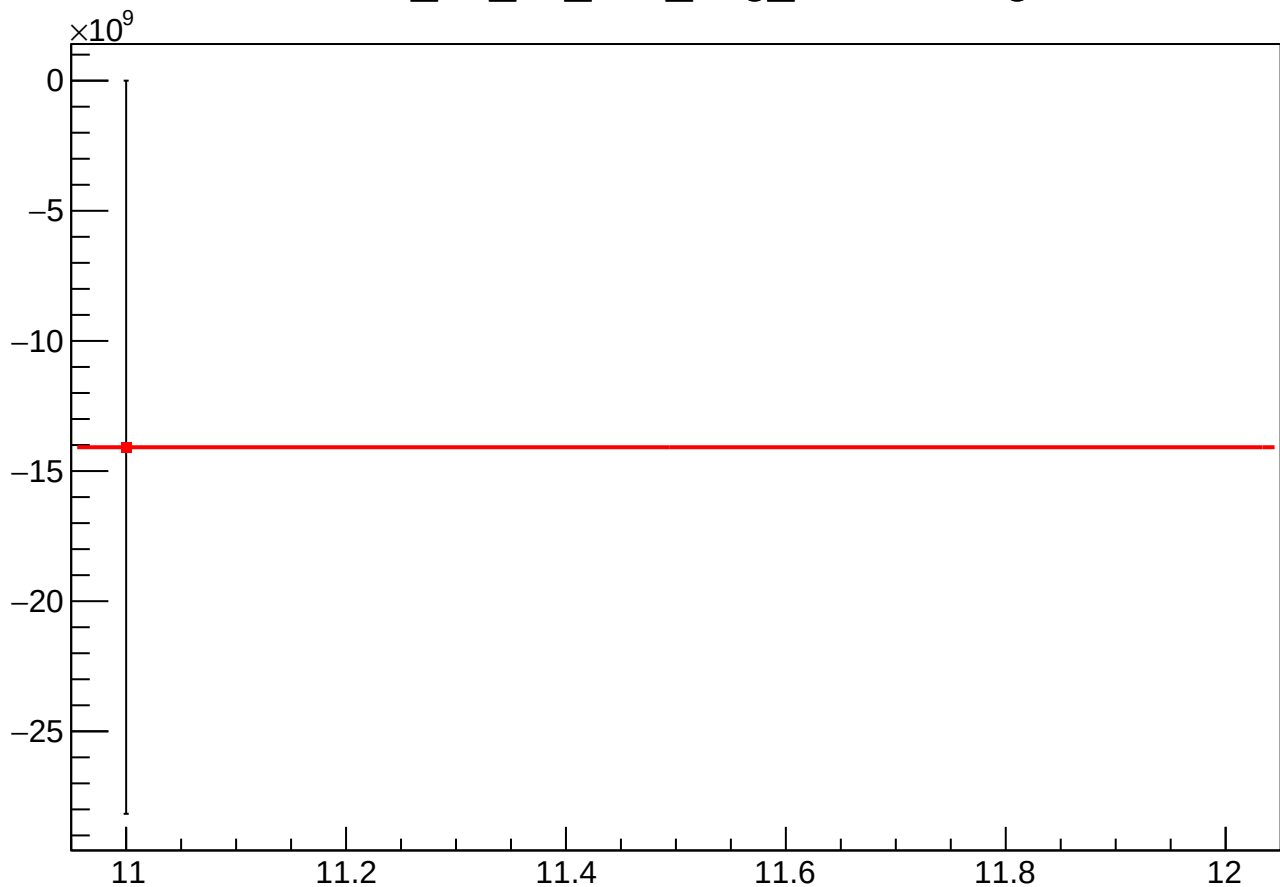
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_an_us_ds3_avg_rms vs slug



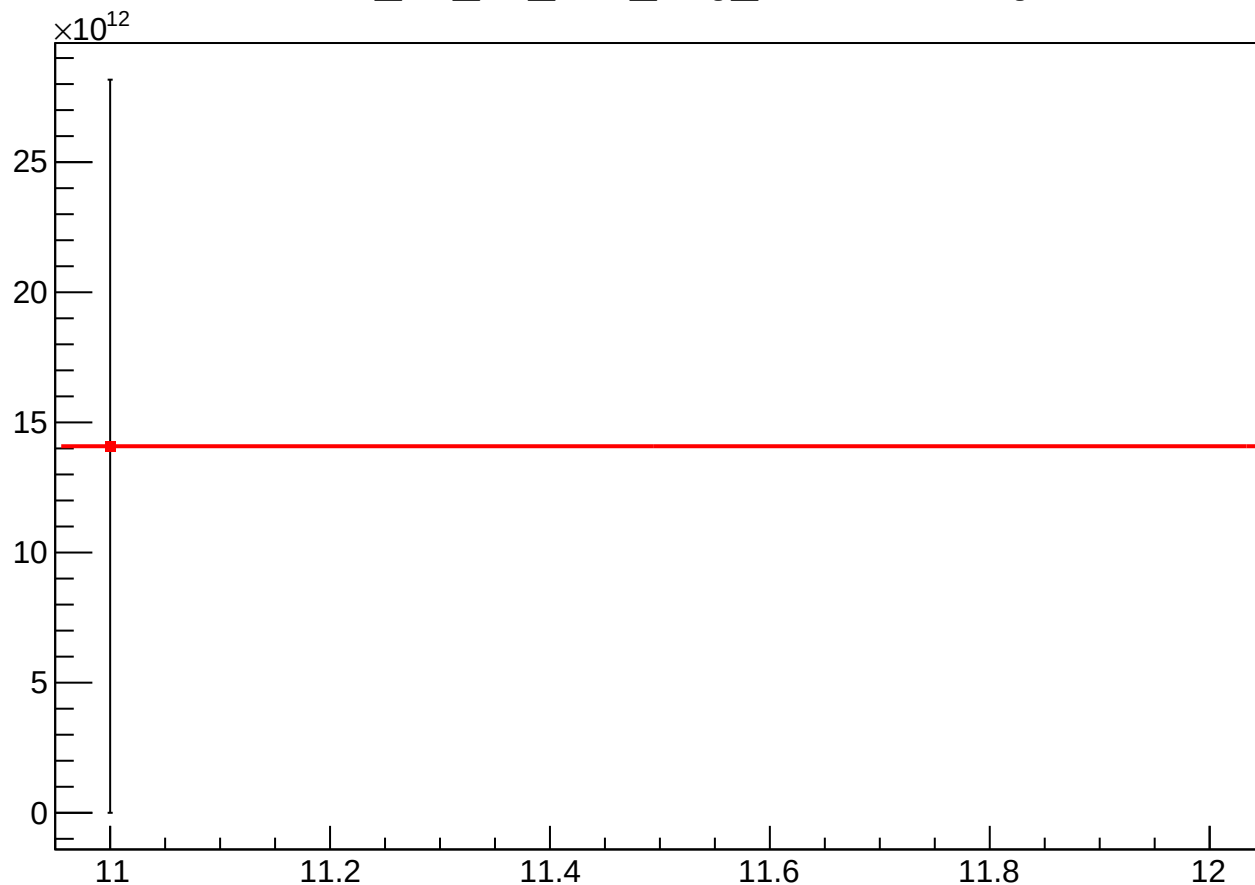
Right In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

bcm_an_ds_ds3_avg_mean vs slug



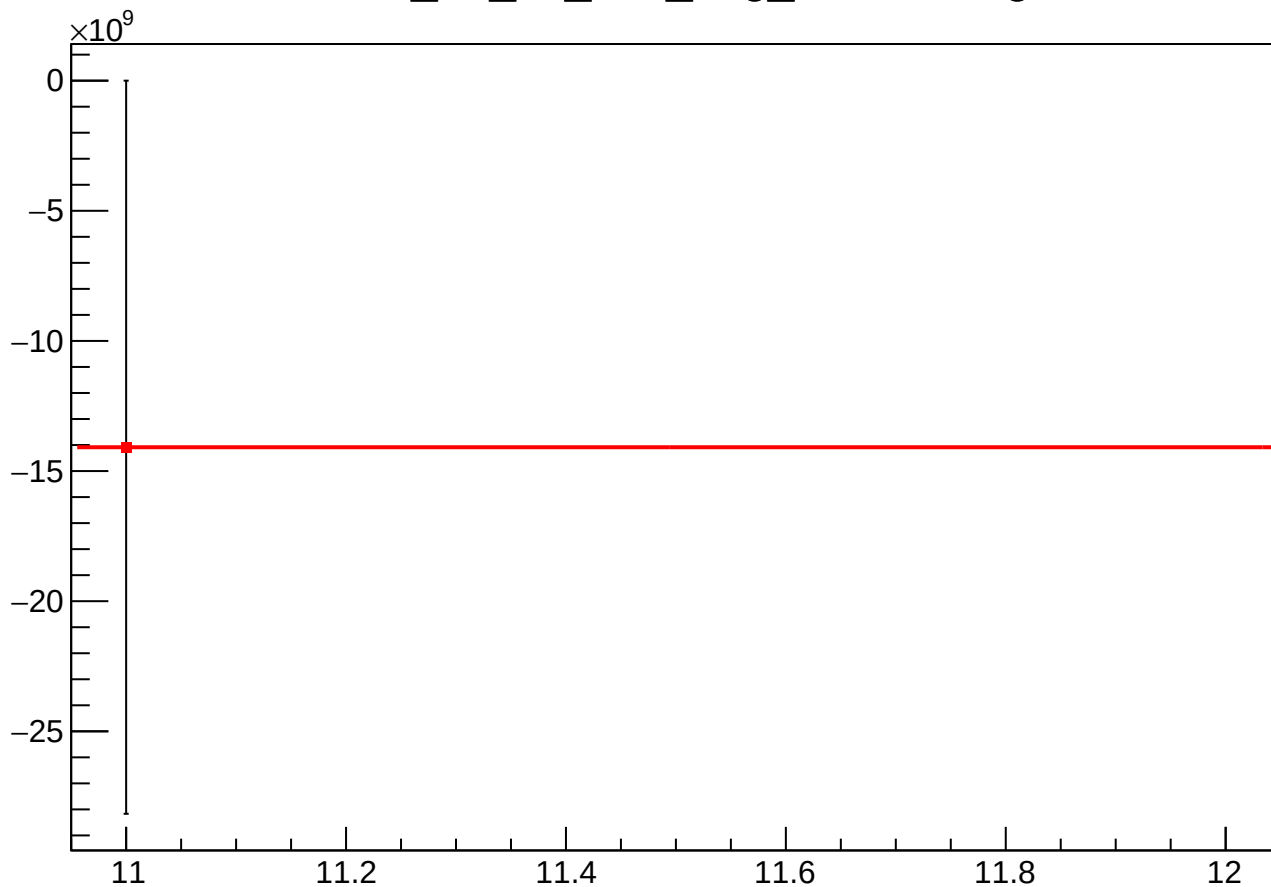
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

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

bcm_an_ds_ds3_avg_rms vs slug



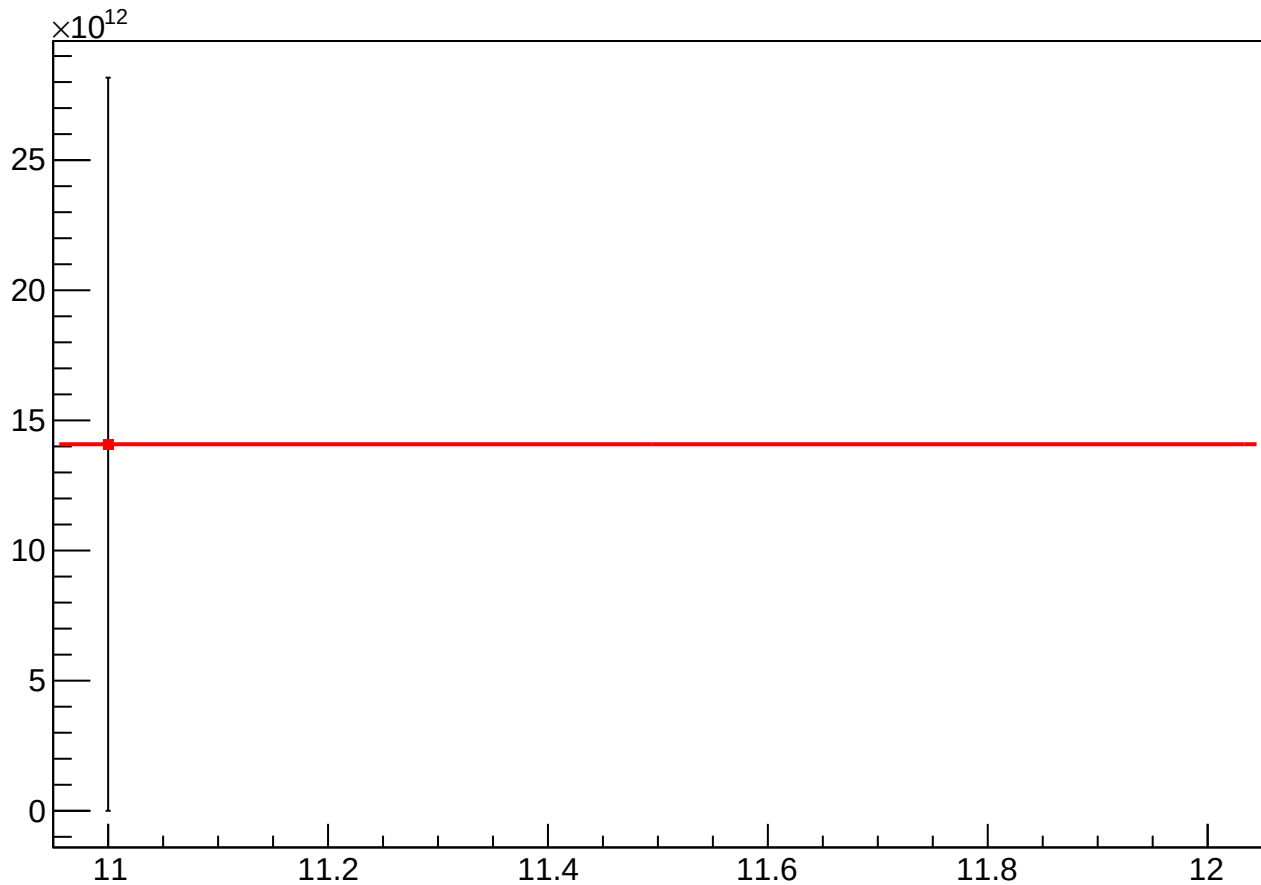
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_dg_us_ds3_avg_mean vs slug



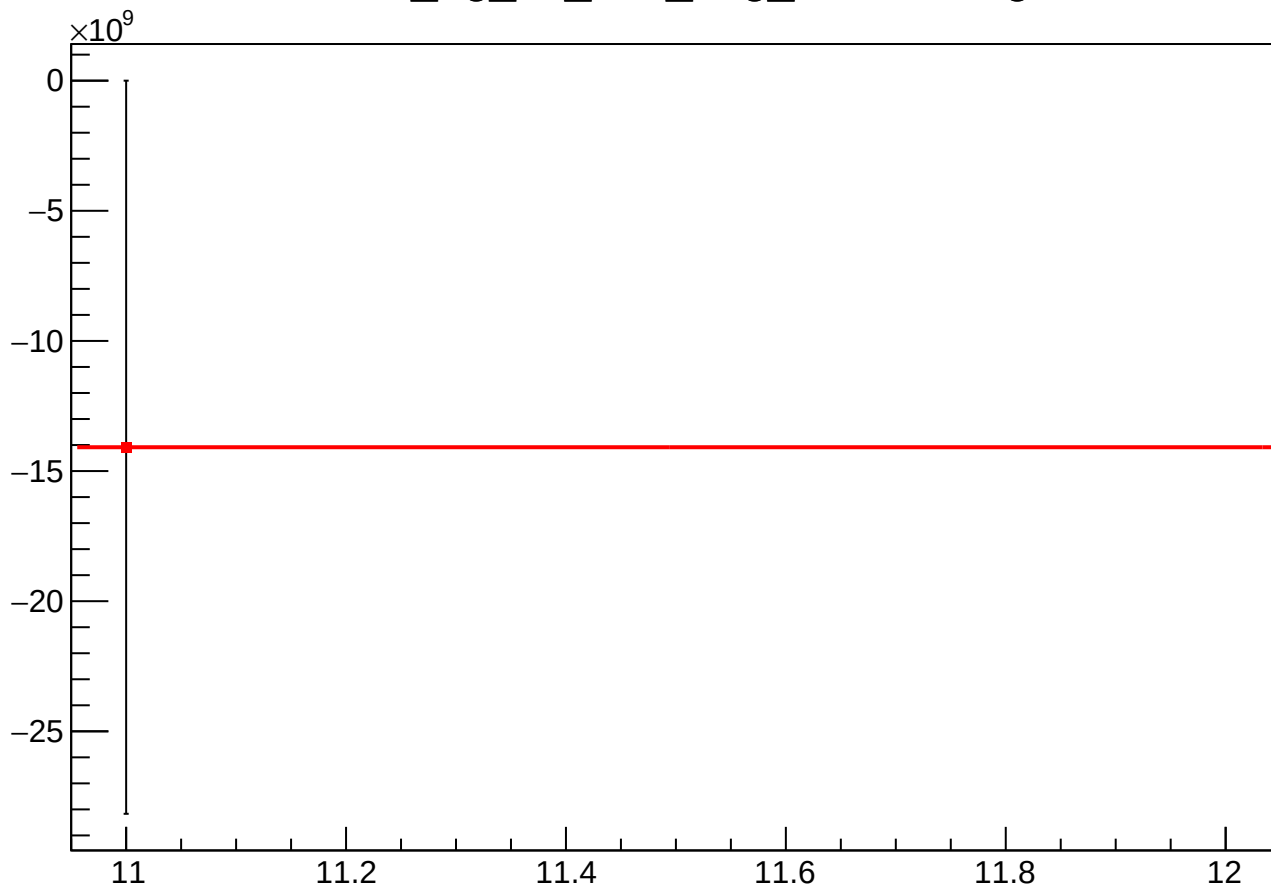
Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 14084507042253.520 $\pm$ 14084507042253.535 χ^2 /NDF: 0.0/0

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

bcm_dg_us_ds3_avg_rms vs slug



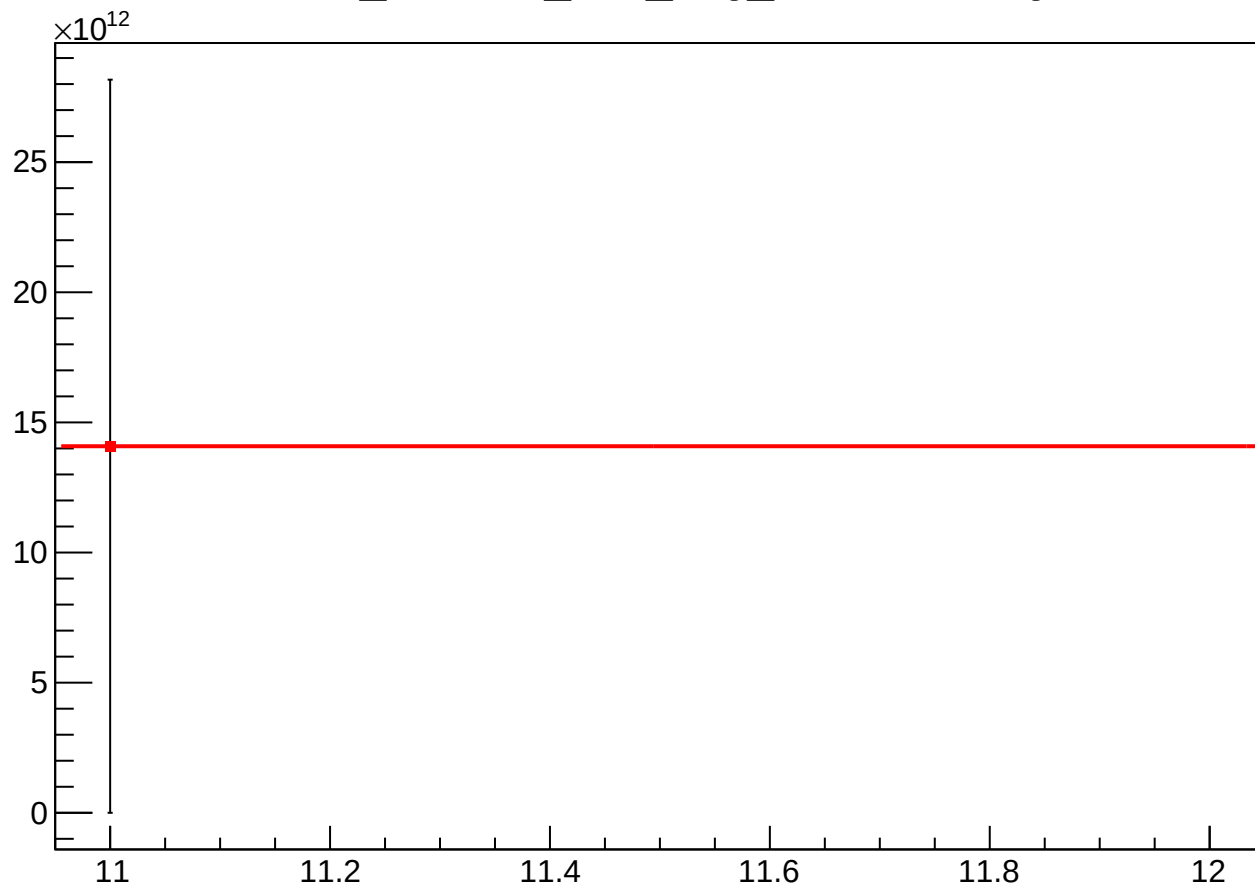
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_mean vs slug



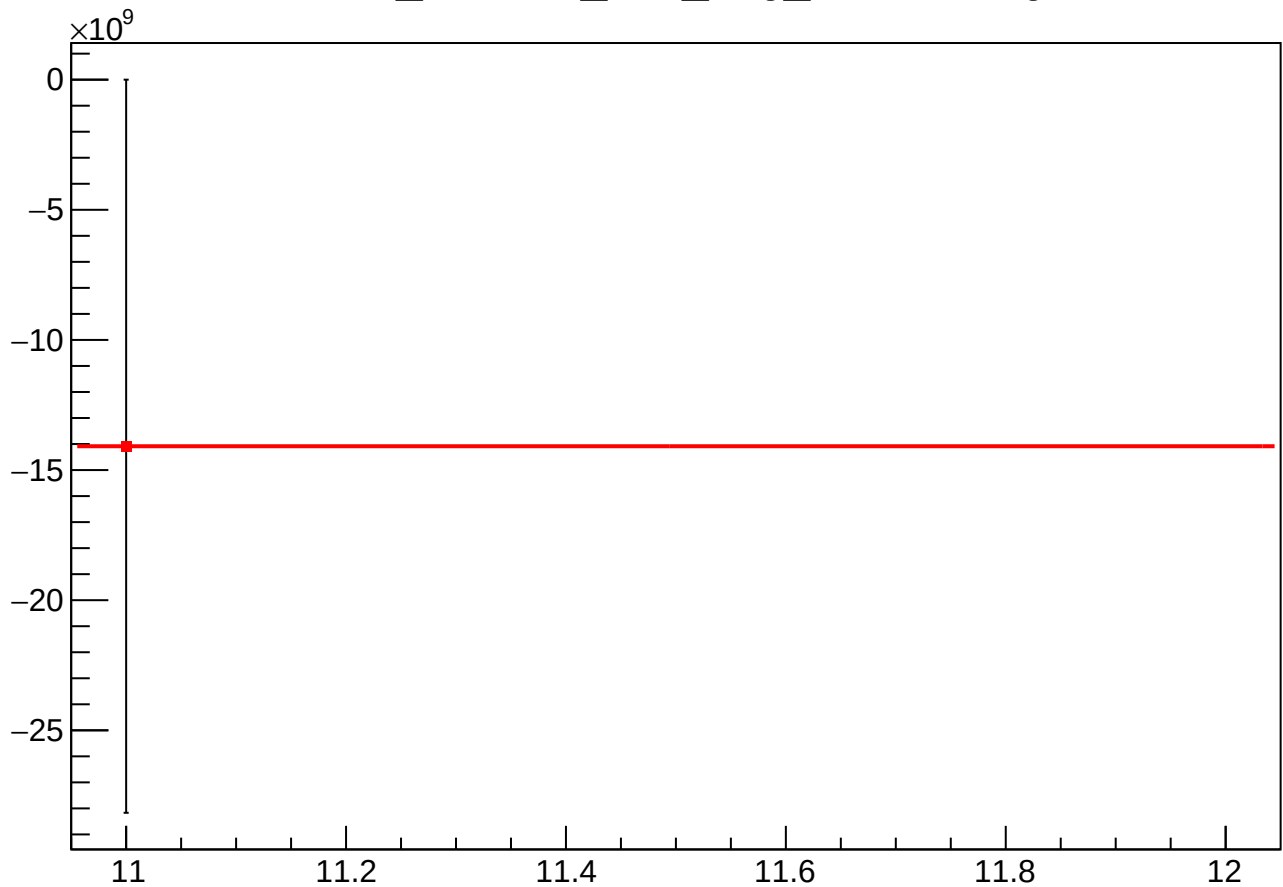
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

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

bcm_cav4cQ_ds3_avg_rms vs slug



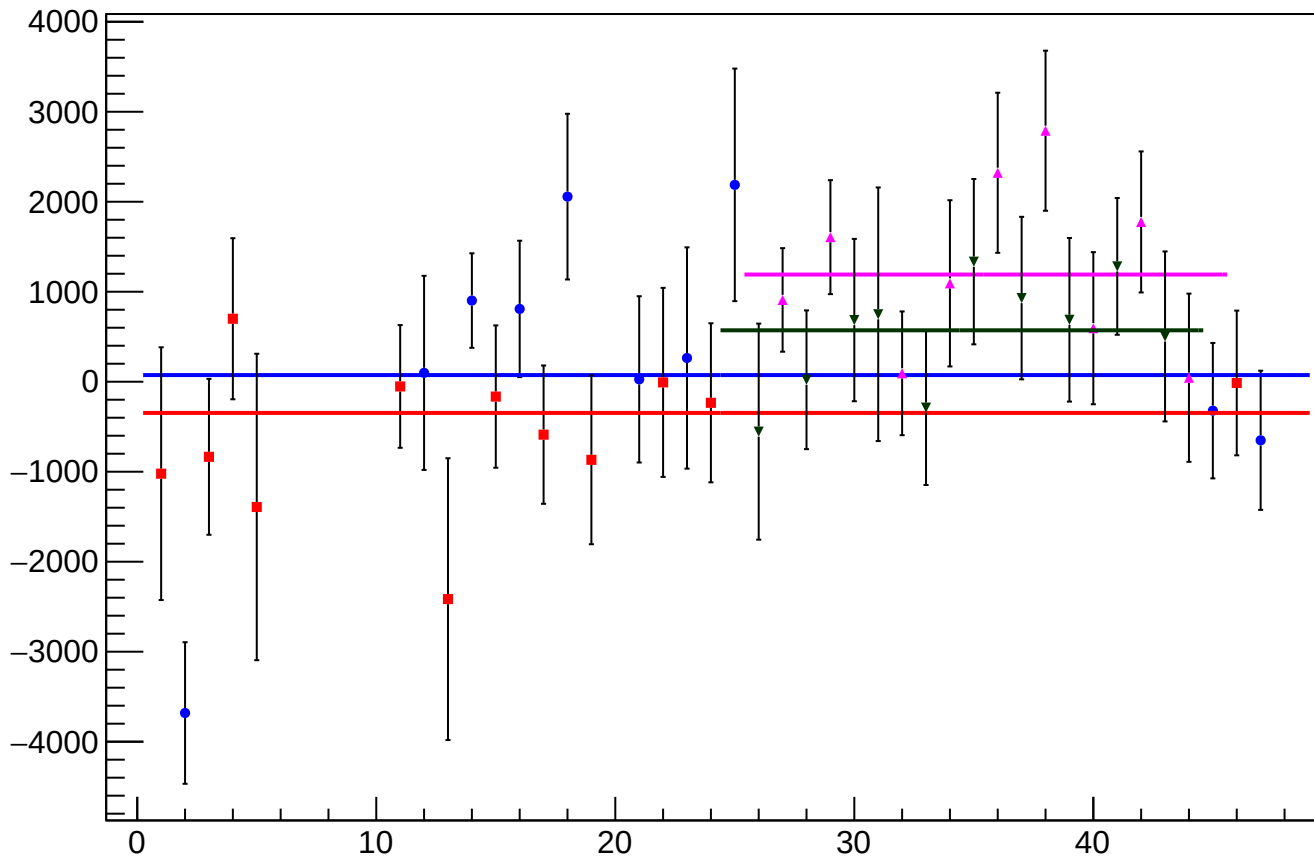
Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

asym_left_avg_mean vs slug



Right In: 73.891+/-259.121 χ^2 /NDF: 34.7/9

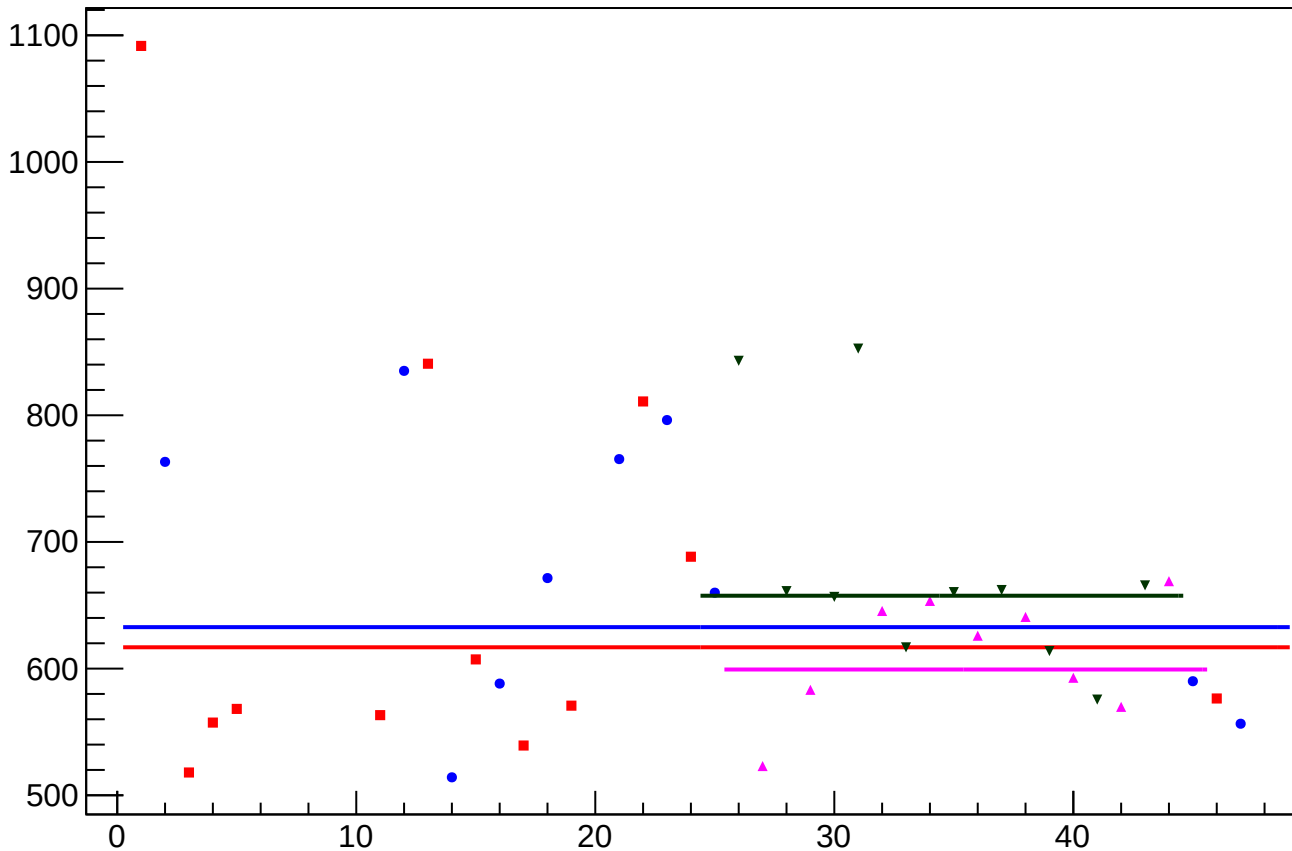
Left Out: 571.316+/-289.447 χ^2 /NDF: 4.2/9

380.229+/-133.053 χ^2 /NDF: 74.0/40

Right Out: -346.727+/-265.801 χ^2 /NDF: 5.0/11

Left In: 1191.089+/-253.972 χ^2 /NDF: 10.6/8

asym_left_avg_rms vs slug



Right In: 632.738+/-0.183 χ^2/NDF : 341219.1/9

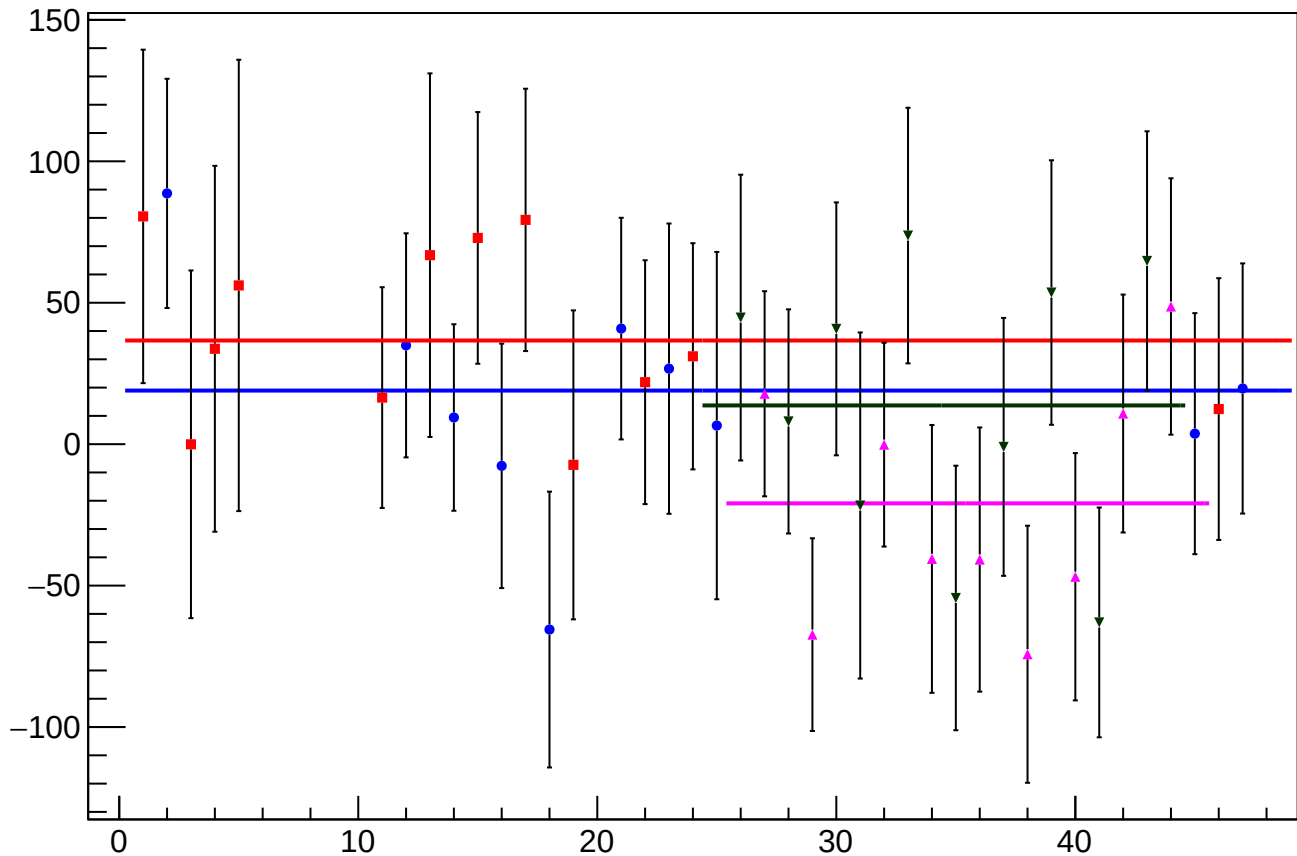
Left Out: 657.542+/-0.205 χ^2/NDF : 118756.6/9

Right Out: 616.836+/-0.188 χ^2/NDF : 430260.2/11

Left In: 599.294+/-0.180 χ^2/NDF : 72539.4/8

624.816+/-0.094 χ^2/NDF : 1012211.6/40

asym_left_dd_mean vs slug



Right In: 18.953 ± 13.507 χ^2/NDF : 7.1/9

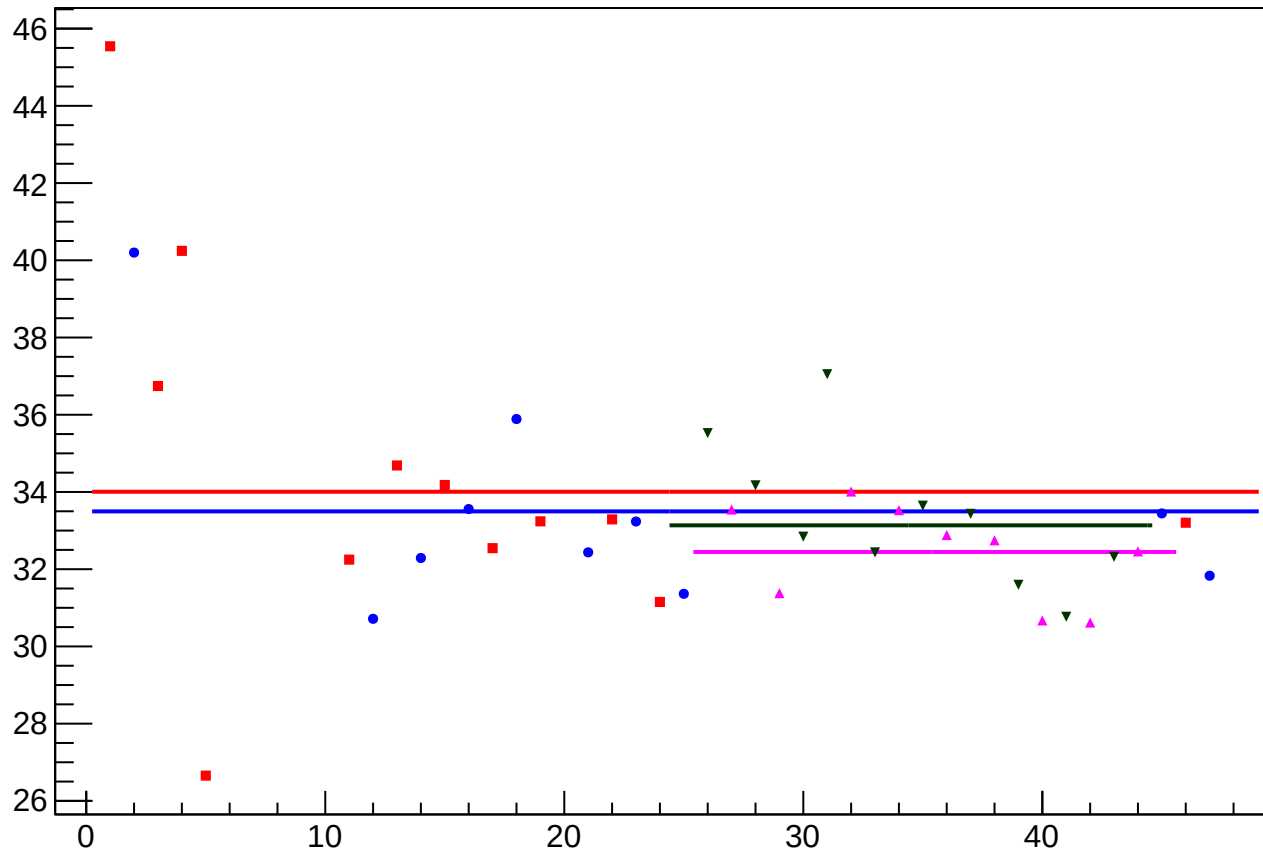
Left Out: 13.695 ± 14.488 χ^2/NDF : 10.6/9

Right Out: 36.648 ± 14.458 χ^2/NDF : 4.0/11

Left In: -20.919 ± 13.661 χ^2/NDF : 8.3/8

11.397 ± 7.003 χ^2/NDF : 39.1/40

asym_left_dd_rms vs slug



Right In: 33.497+/-0.010 χ^2/NDF : 78869.4/9

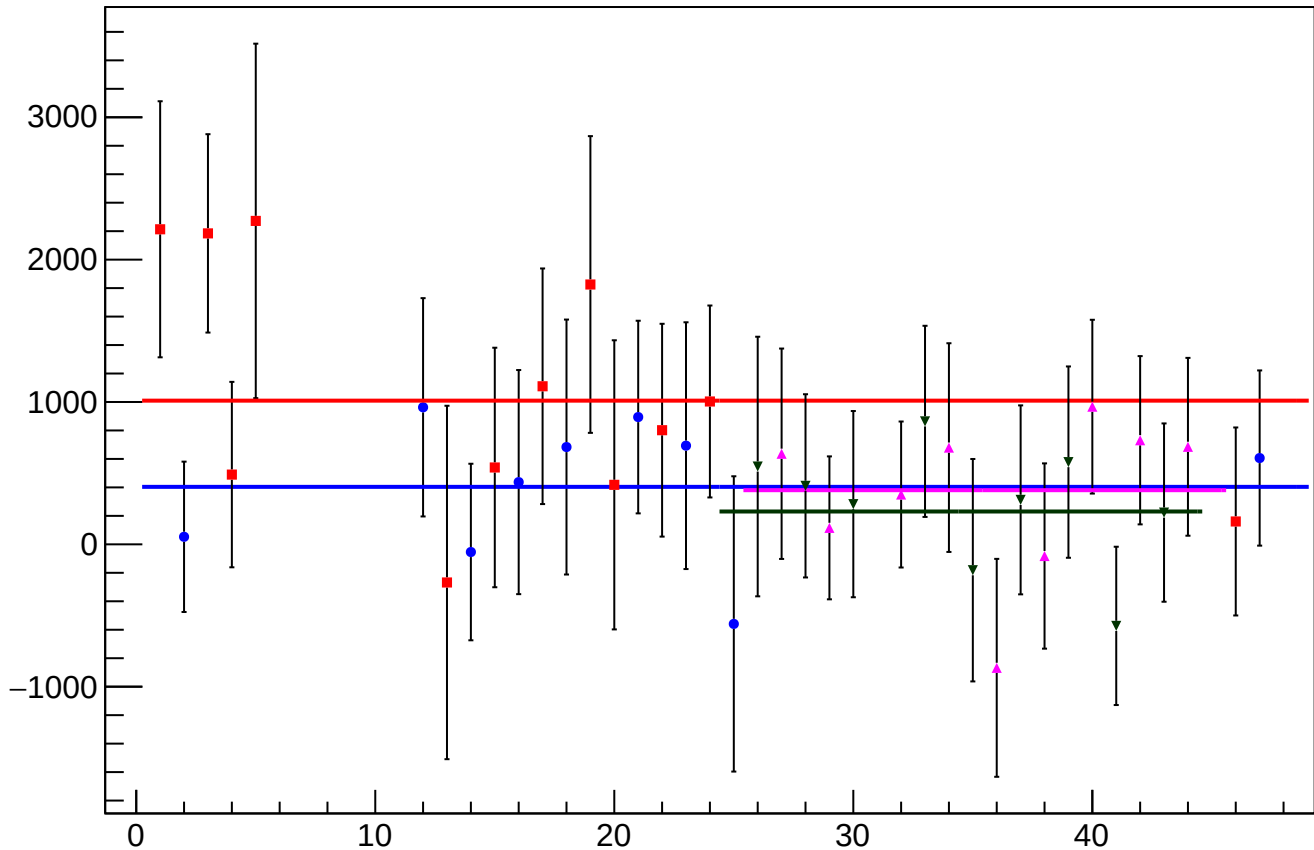
Left Out: 33.136+/-0.010 χ^2/NDF : 24508.8/9

33.256+/-0.005 χ^2/NDF : 266715.3/40

Right Out: 34.006+/-0.010 χ^2/NDF : 134204.7/11

Left In: 32.446+/-0.010 χ^2/NDF : 15954.4/8

asym_right_avg_mean vs slug



Right In: 403.816+/-236.807 χ^2/NDF : 3.2/8

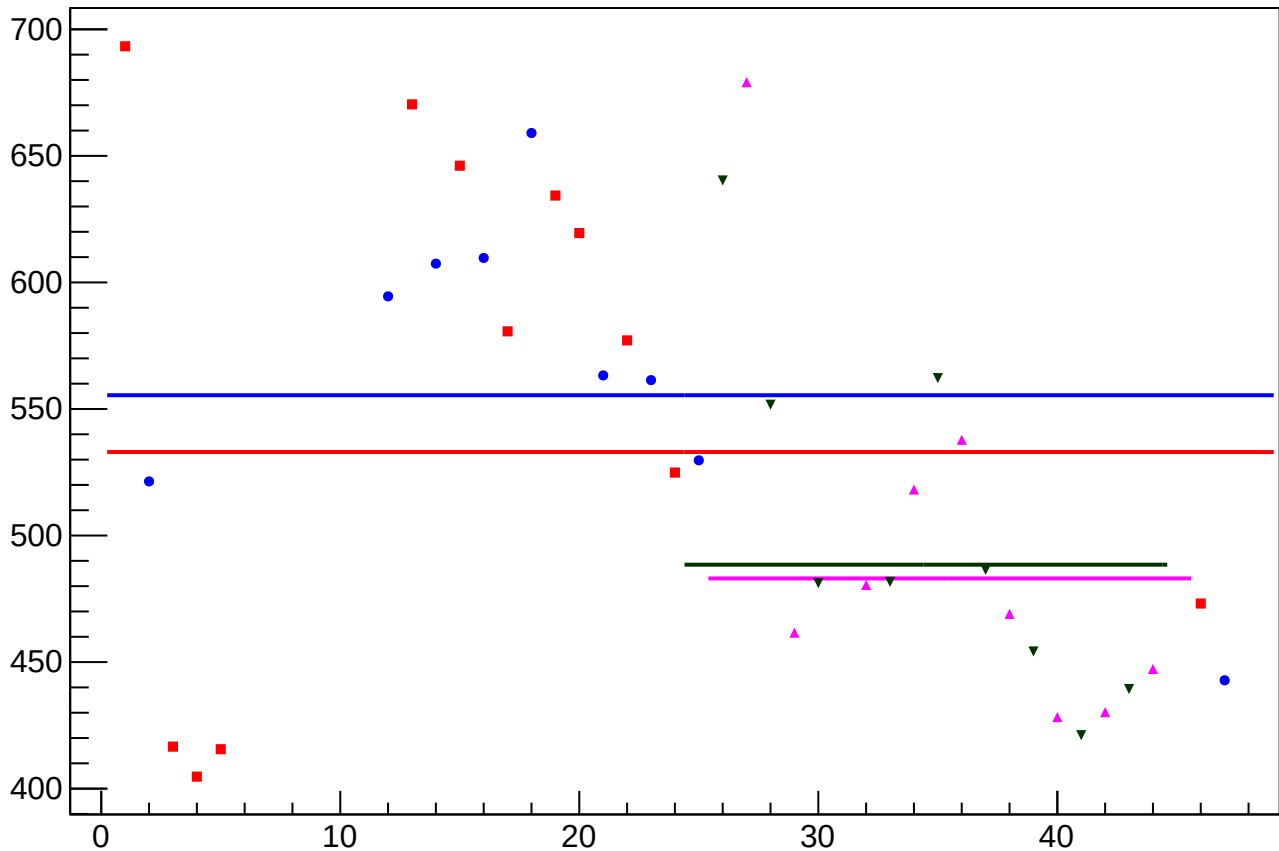
Left Out: 230.682+/-223.170 χ^2/NDF : 3.7/8

490.134+/-112.124 χ^2/NDF : 29.2/38

Right Out: 1009.429+/-235.745 χ^2/NDF : 10.4/11

Left In: 380.345+/-205.678 χ^2/NDF : 5.2/8

asym_right_avg_rms vs slug



Right In: 555.439+/-0.167 χ^2/NDF : 132396.3/8

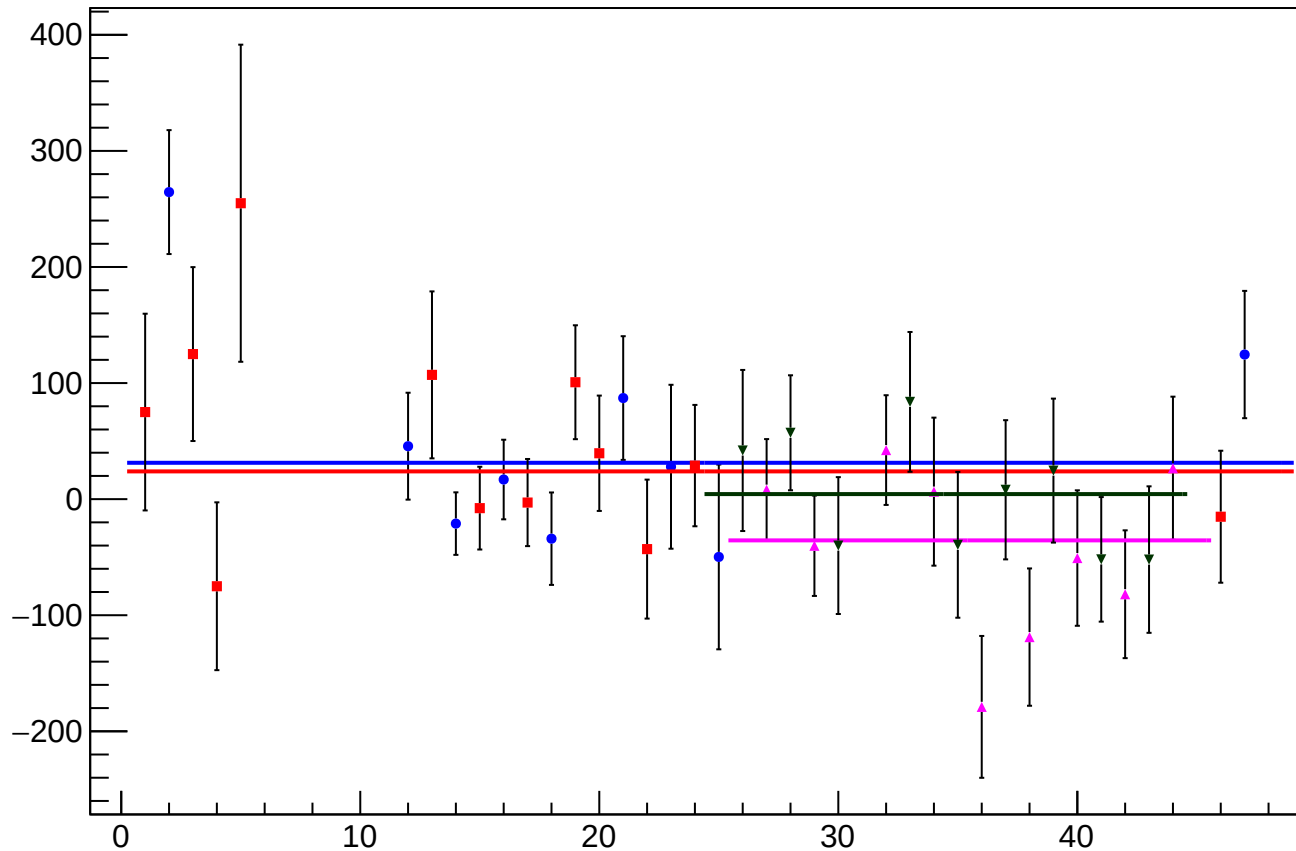
Left Out: 488.486+/-0.158 χ^2/NDF :139883.7/8

Right Out: 532.990+/-0.167 χ^2/NDF : 339069.8/11

Left In: 483.060+/-0.145 χ^2/NDF :198862.0/8

511.951+/-0.079 χ^2/NDF : 955163.0/38

asym_right_dd_mean vs slug



Right In: 31.324 ± 14.546 χ^2/NDF : 30.9/8

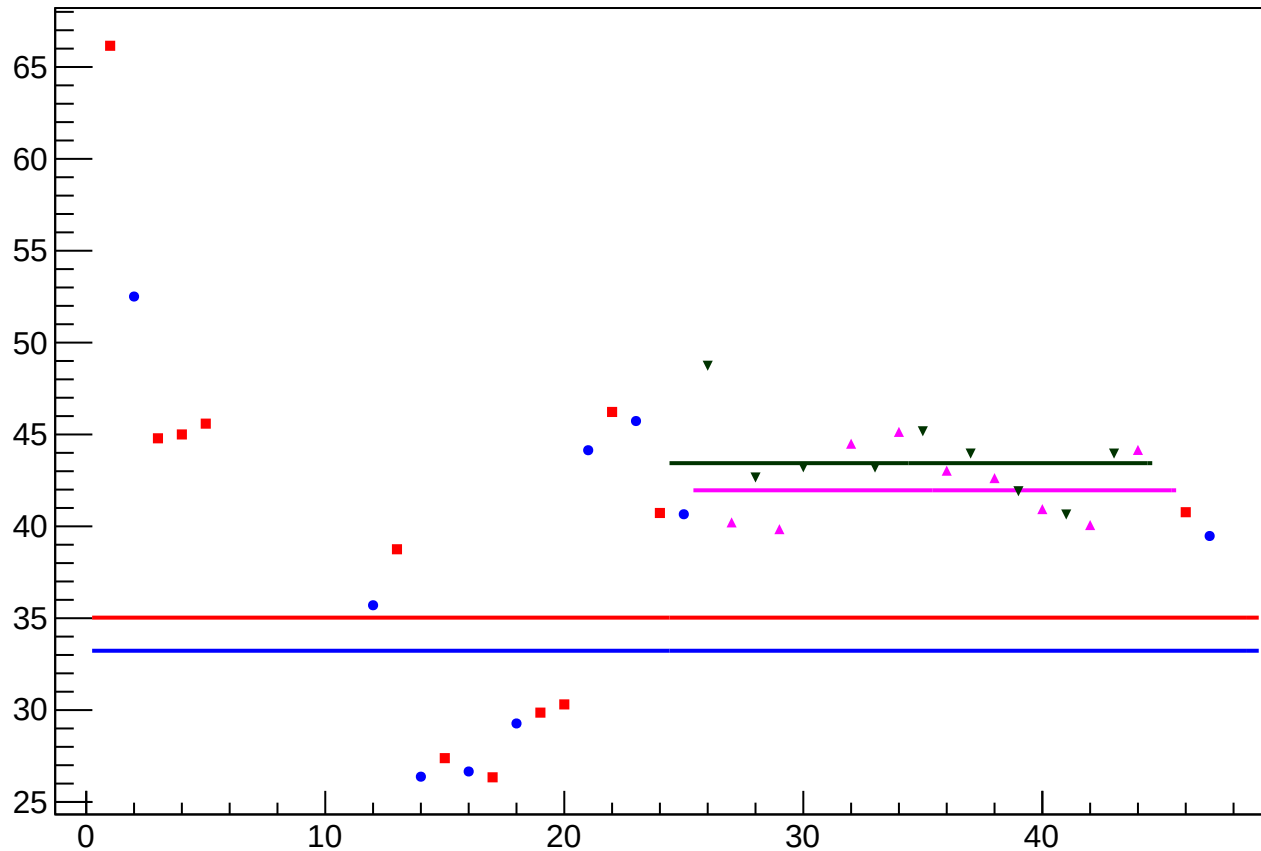
Left Out: 4.356 ± 19.730 χ^2/NDF : 6.2/8

9.782 ± 8.300 χ^2/NDF : 74.0/38

Right Out: 23.903 ± 15.757 χ^2/NDF : 13.8/11

Left In: -35.527 ± 17.692 χ^2/NDF : 13.4/8

asym_right_dd_rms vs slug



Right In: 33.230+/-0.010 χ^2/NDF : 679350.8/8

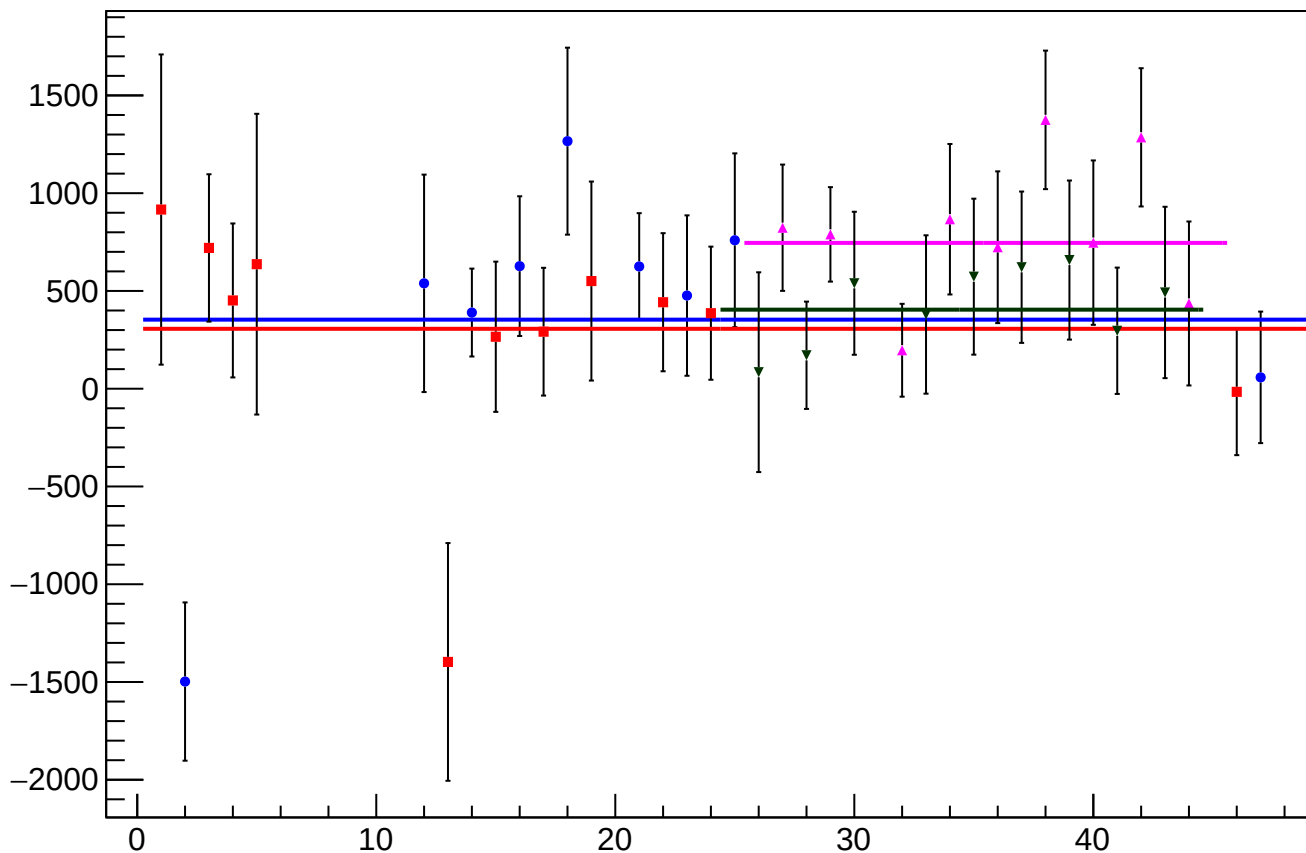
Left Out: 43.439+/-0.014 χ^2/NDF : 20677.6/8

Right Out: 35.032+/-0.011 χ^2/NDF : 712698.7/11

Left In: 41.961+/-0.013 χ^2/NDF : 25099.4/8

37.458+/-0.006 χ^2/NDF : 1967618.1/38

asym_us_avg_mean vs slug



Right In: 353.229 ± 115.742 χ^2/NDF : 28.0/8

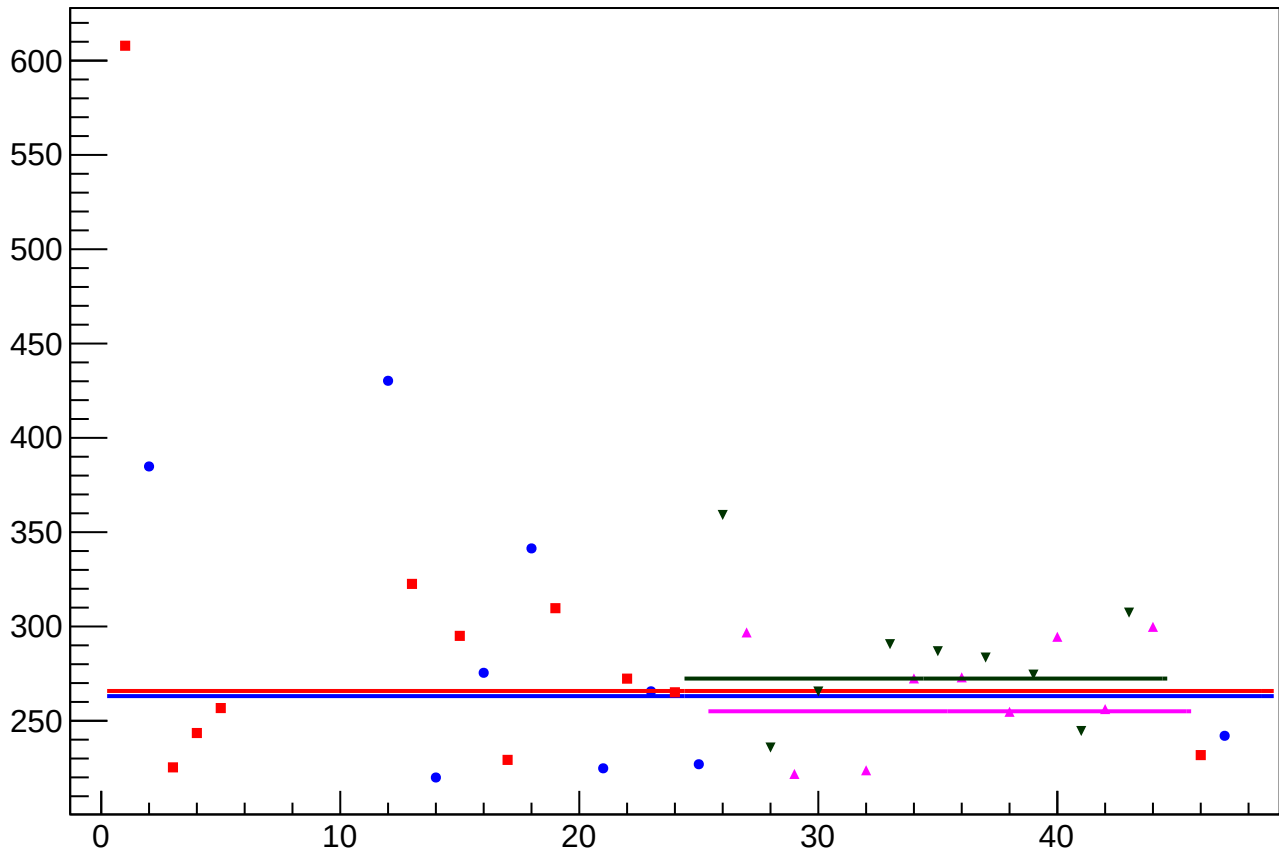
Left Out: 404.336 ± 124.534 χ^2/NDF : 2.3/8

Right Out: 306.372 ± 123.396 χ^2/NDF : 11.4/10

Left In: 745.763 ± 108.353 χ^2/NDF : 11.6/8

469.281 ± 58.724 χ^2/NDF : 62.8/37

asym_us_avg_rms vs slug



Right In: 263.087+/-0.082 χ^2/NDF : 552038.0/8

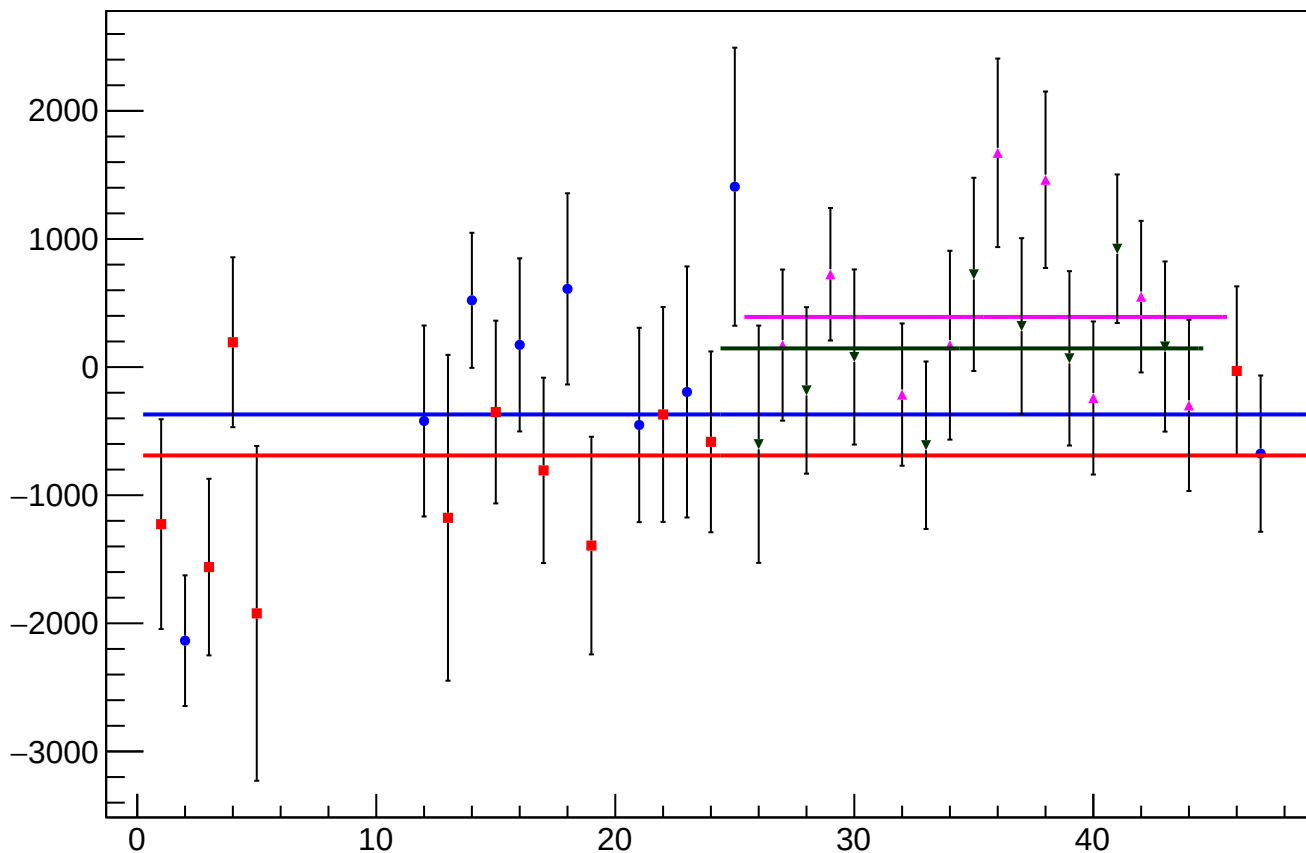
Left Out: 272.390+/-0.088 χ^2/NDF : 129813.8/8

263.410+/-0.042 χ^2/NDF : 1353183.2/37

Right Out: 265.812+/-0.087 χ^2/NDF : 493308.9/10

Left In: 255.044+/-0.077 χ^2/NDF : 154924.7/8

asym_us_dd_mean vs slug



Right In: -369.563+/-226.167 χ^2/NDF : 20.2/8

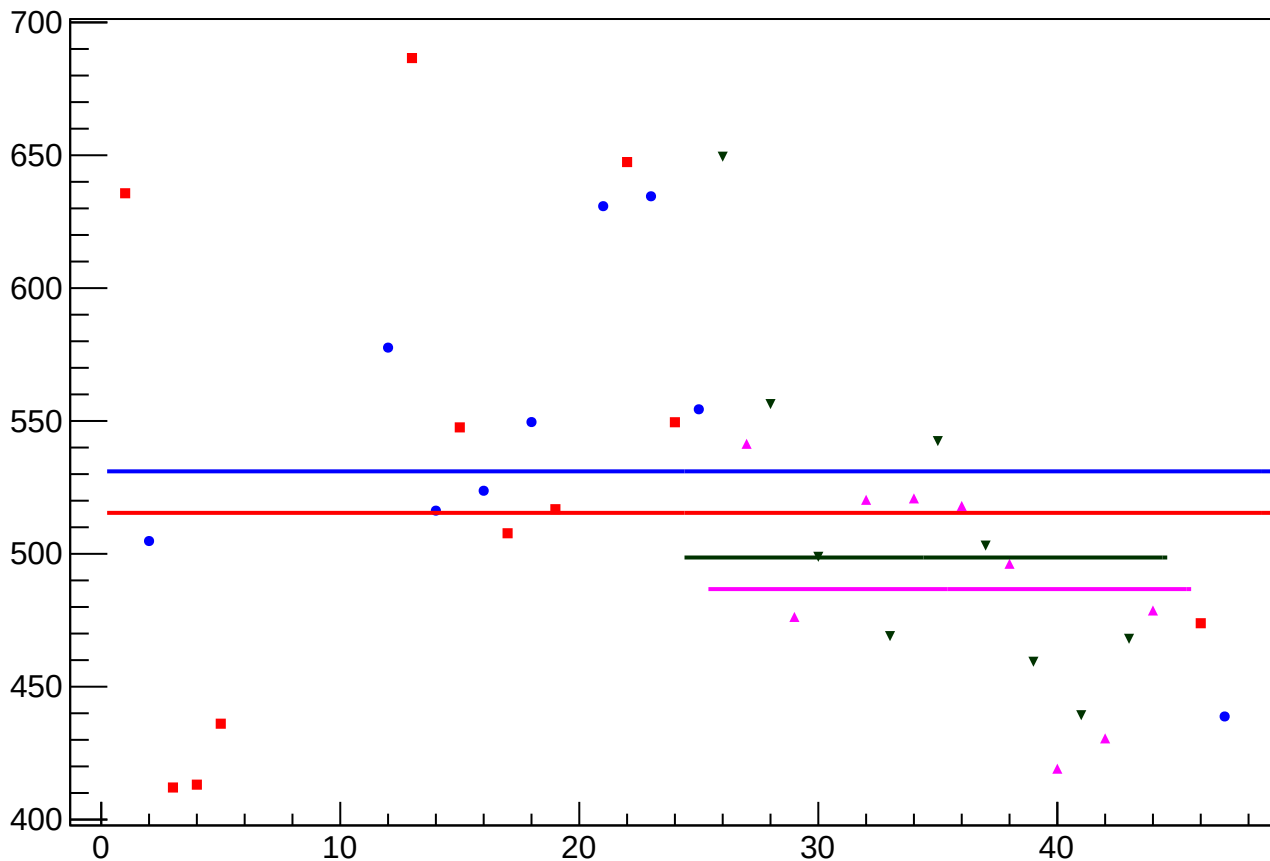
Left Out: 146.103+/-227.629 χ^2/NDF : 4.7/8

Right Out: -689.640+/-235.328 χ^2/NDF : 6.9/10

Left In: 391.655+/-206.066 χ^2/NDF : 9.5/8

-94.894+/-111.486 χ^2/NDF : 56.0/37

asym_us_dd_rms vs slug



Right In: 531.046+/-0.160 χ^2/NDF : 119766.3/8

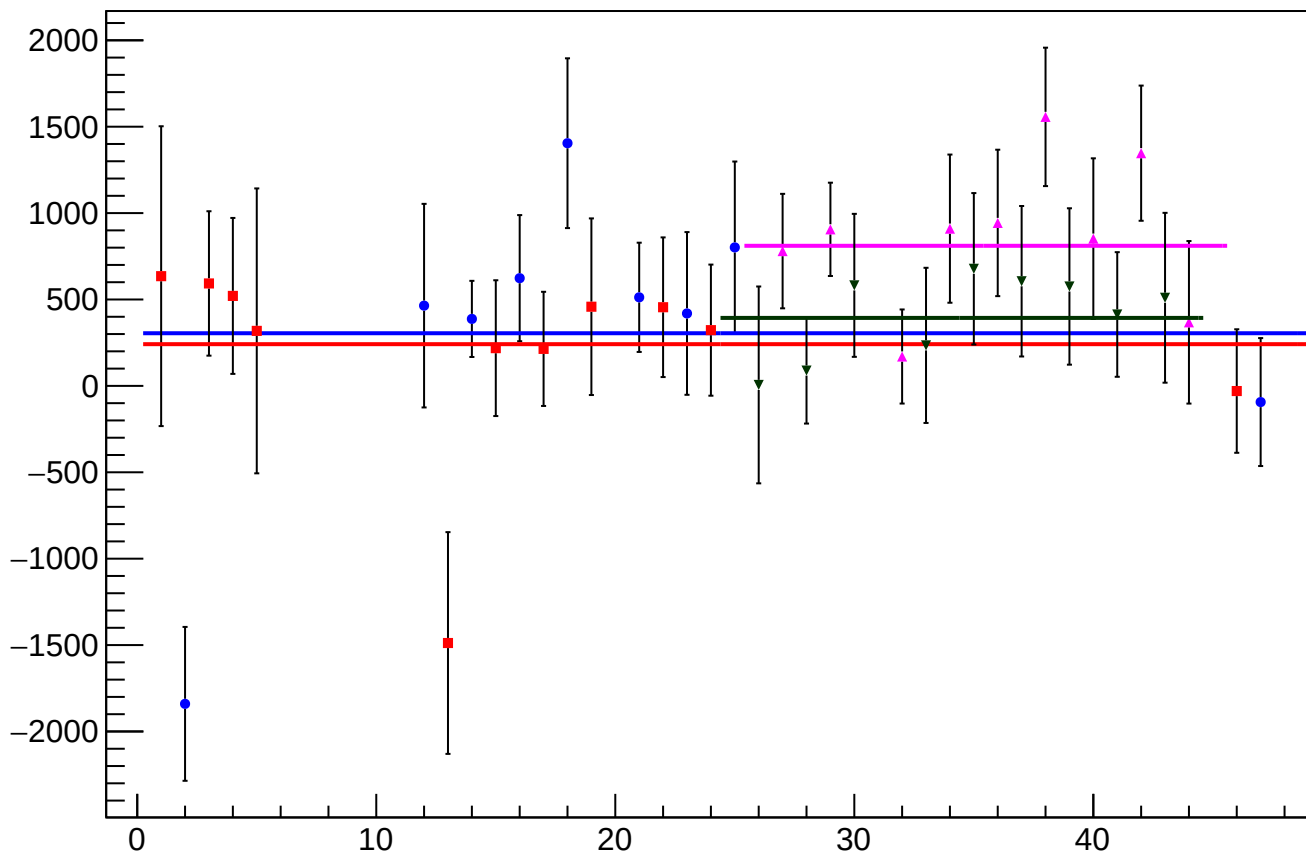
Left Out: 498.620+/-0.161 χ^2/NDF : 111631.8/8

Right Out: 515.420+/-0.166 χ^2/NDF : 245743.4/10

Left In: 486.730+/-0.146 χ^2/NDF : 77533.5/8

506.789+/-0.079 χ^2/NDF : 601899.8/37

asym_ds_avg_mean vs slug



Right In: 304.706+/-123.054 χ^2/NDF : 31.8/8

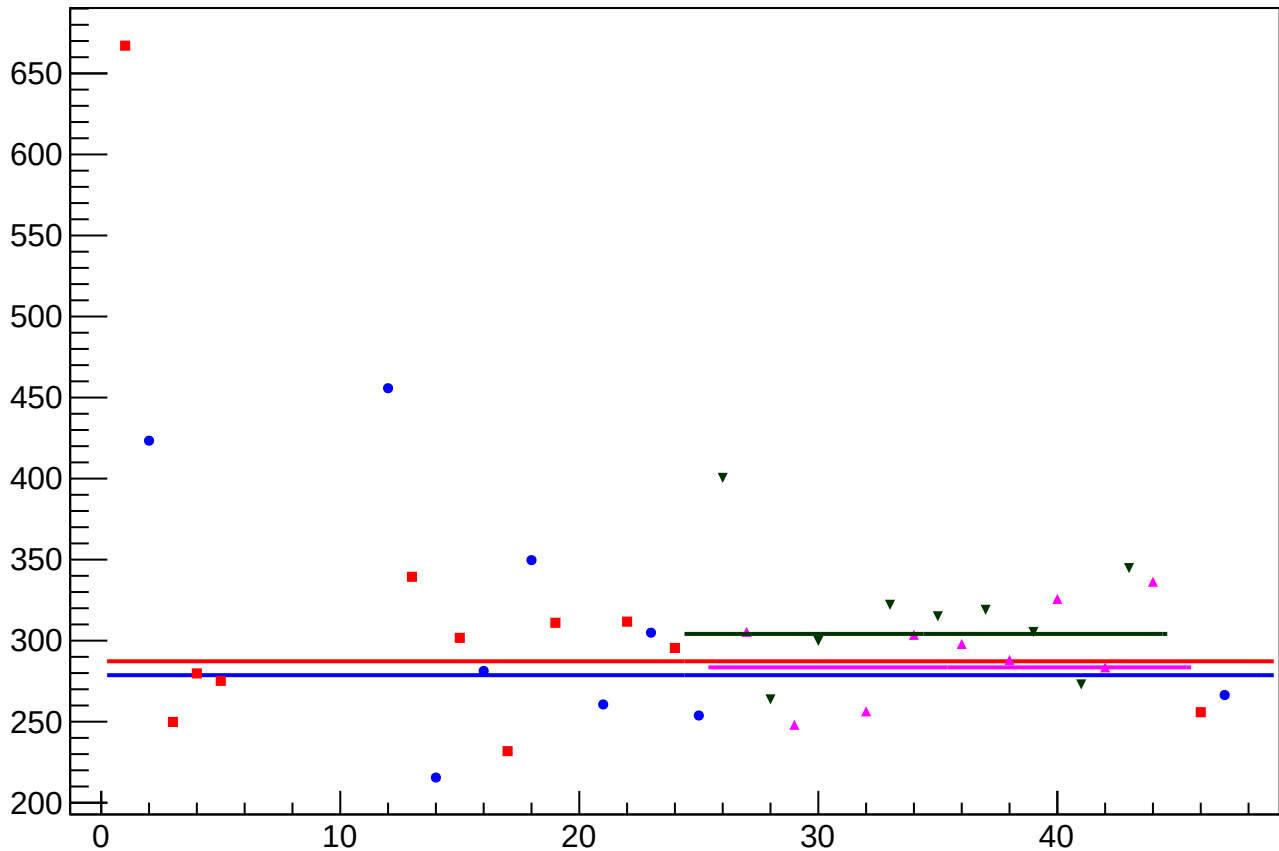
Left Out: 393.410+/-139.060 χ^2/NDF : 2.7/8

Right Out: 241.423+/-133.355 χ^2/NDF : 9.7/10

Left In: 810.762+/-120.173 χ^2/NDF : 12.1/8

453.003+/-64.120 χ^2/NDF : 69.2/37

asym_ds_avg_rms vs slug



Right In: 278.697+/-0.087 χ^2/NDF : 618089.6/8

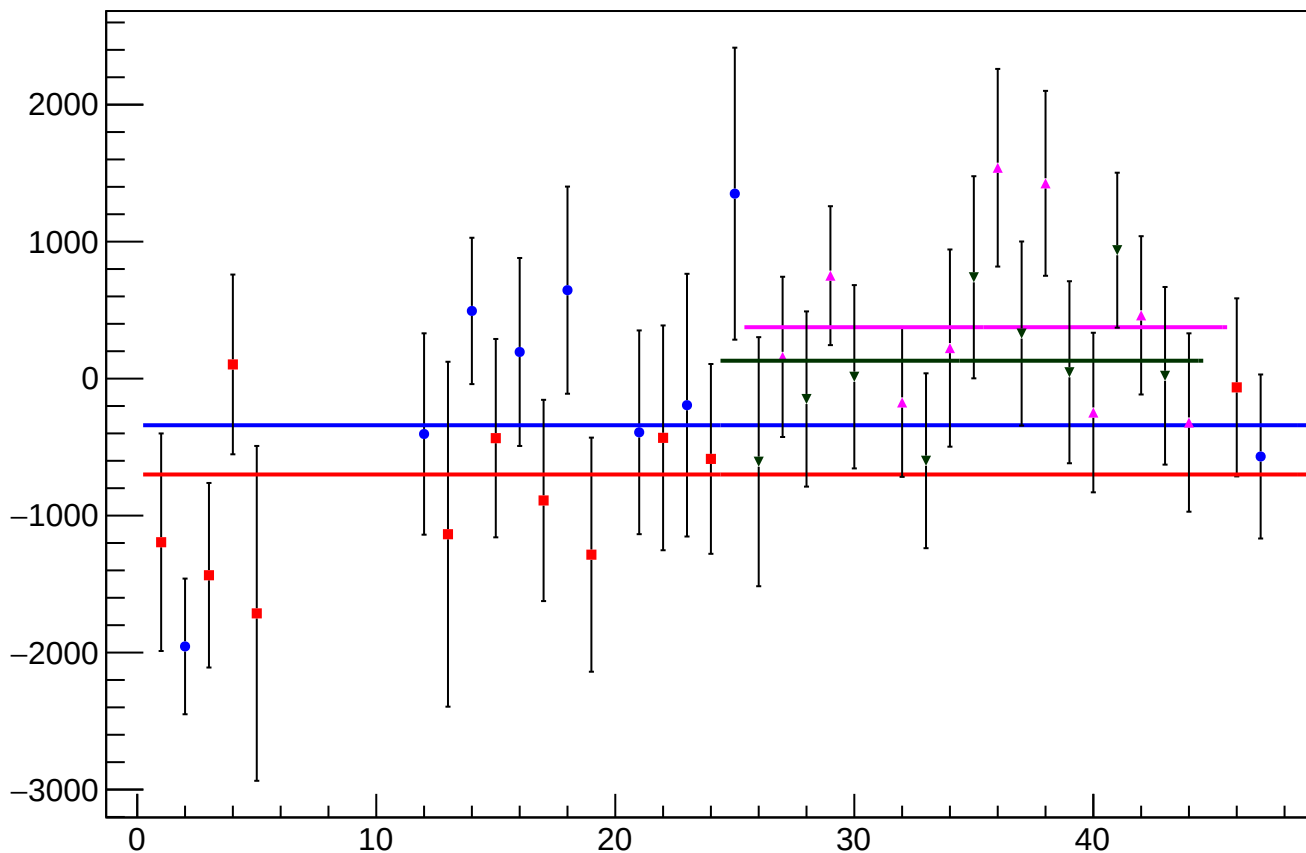
Left Out: 304.167+/-0.098 χ^2/NDF :127437.9/8

287.470+/-0.045 χ^2/NDF : 1399114.2/37

Right Out: 287.269+/-0.094 χ^2/NDF : 500666.2/10

Left In: 283.531+/-0.085 χ^2/NDF :111768.2/8

asym_ds_dd_mean vs slug



Right In: -340.375+/-224.326 χ^2 /NDF: 18.1/8

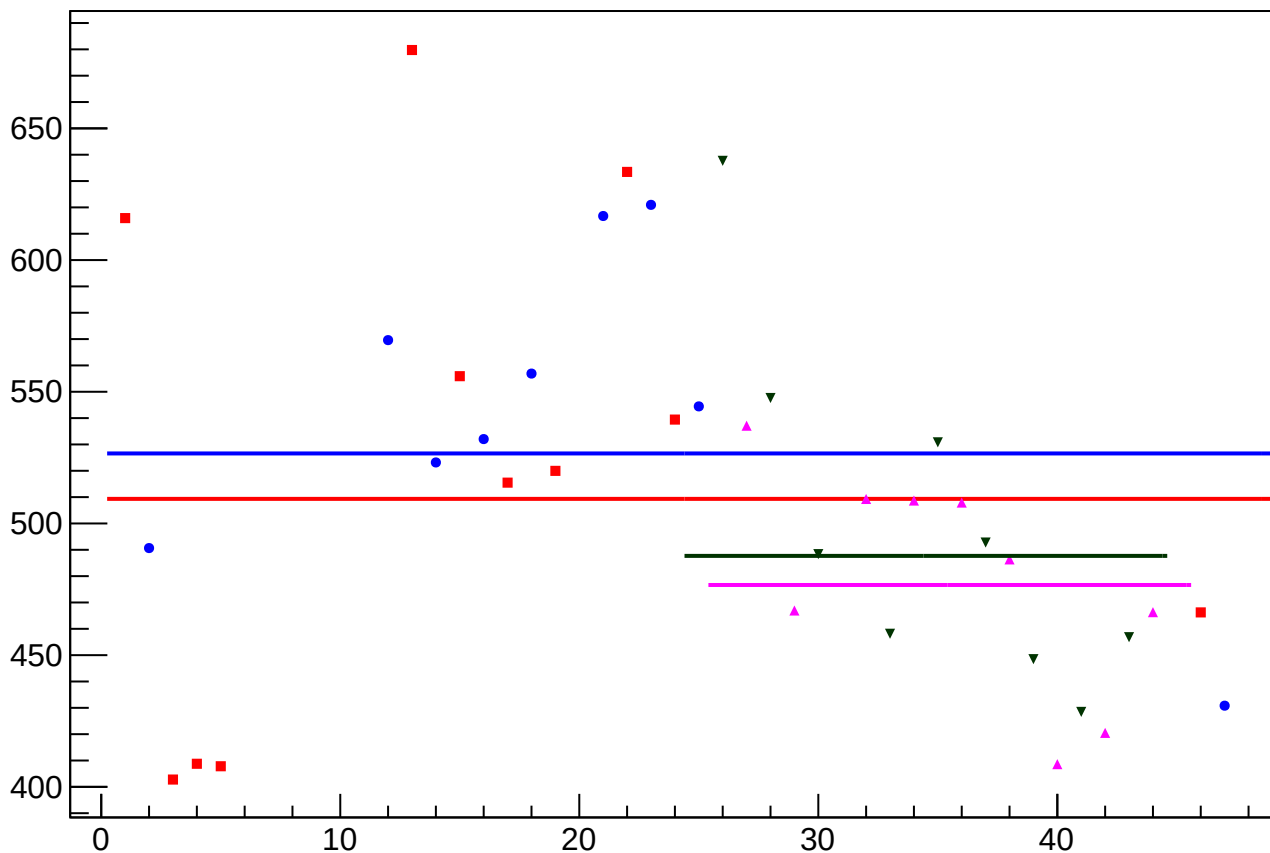
Left Out: 130.578+/-222.704 χ^2 /NDF: 5.0/8

Right Out: -699.874+/-232.633 χ^2 /NDF: 5.6/10

Left In: 375.302+/-201.841 χ^2 /NDF: 9.1/8

-94.527+/-109.726 χ^2 /NDF: 52.3/37

asym_ds_dd_rms vs slug



Right In: 526.583+/-0.159 χ^2/NDF : 121286.7/8

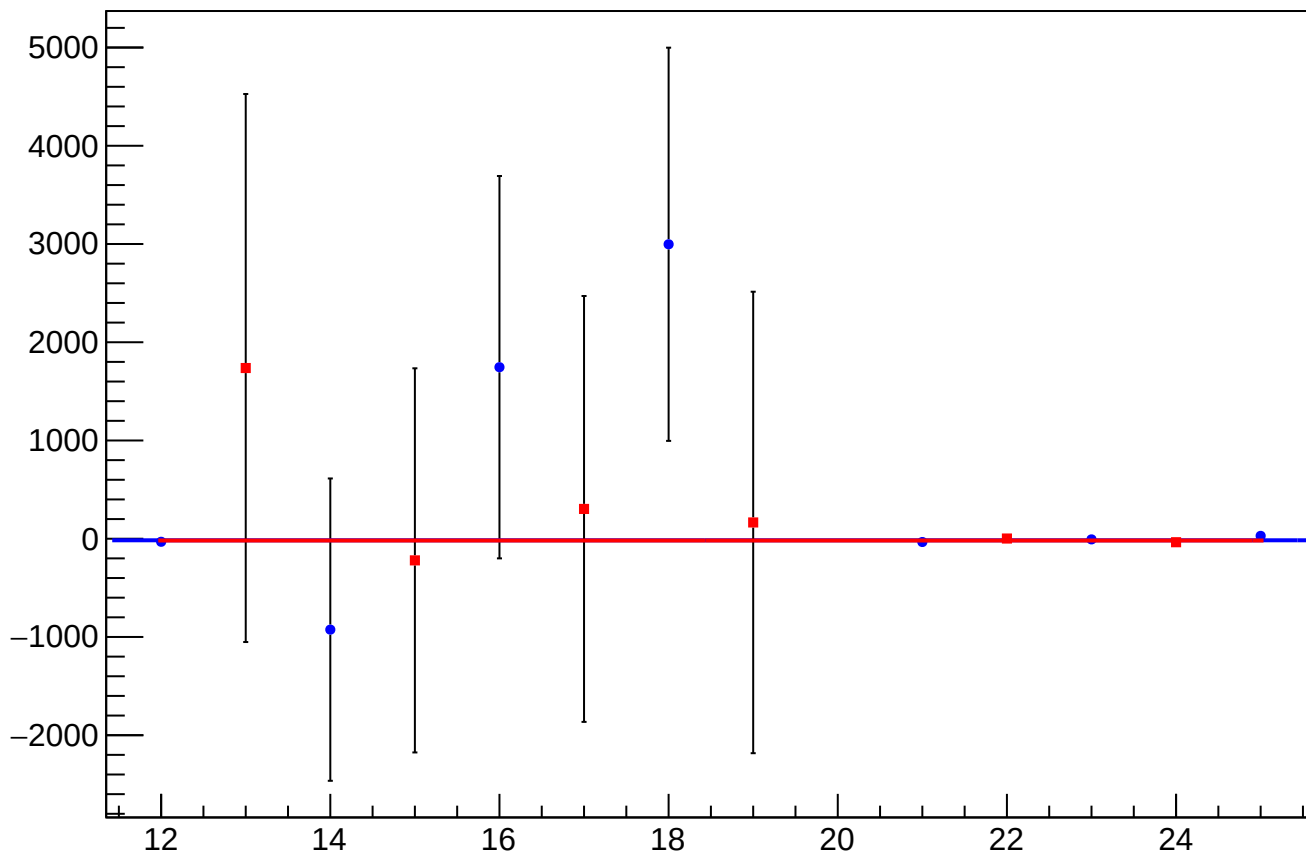
Left Out: 487.691+/-0.157 χ^2/NDF : 116664.7/8

Right Out: 509.337+/-0.164 χ^2/NDF : 250581.9/10

Left In: 476.643+/-0.143 χ^2/NDF : 84135.2/8

498.547+/-0.078 χ^2/NDF : 636517.5/37

bcm_an_us_ds_dd_mean vs slug



Right In: -15.870+/-14.549 χ^2/NDF : 6.0/6

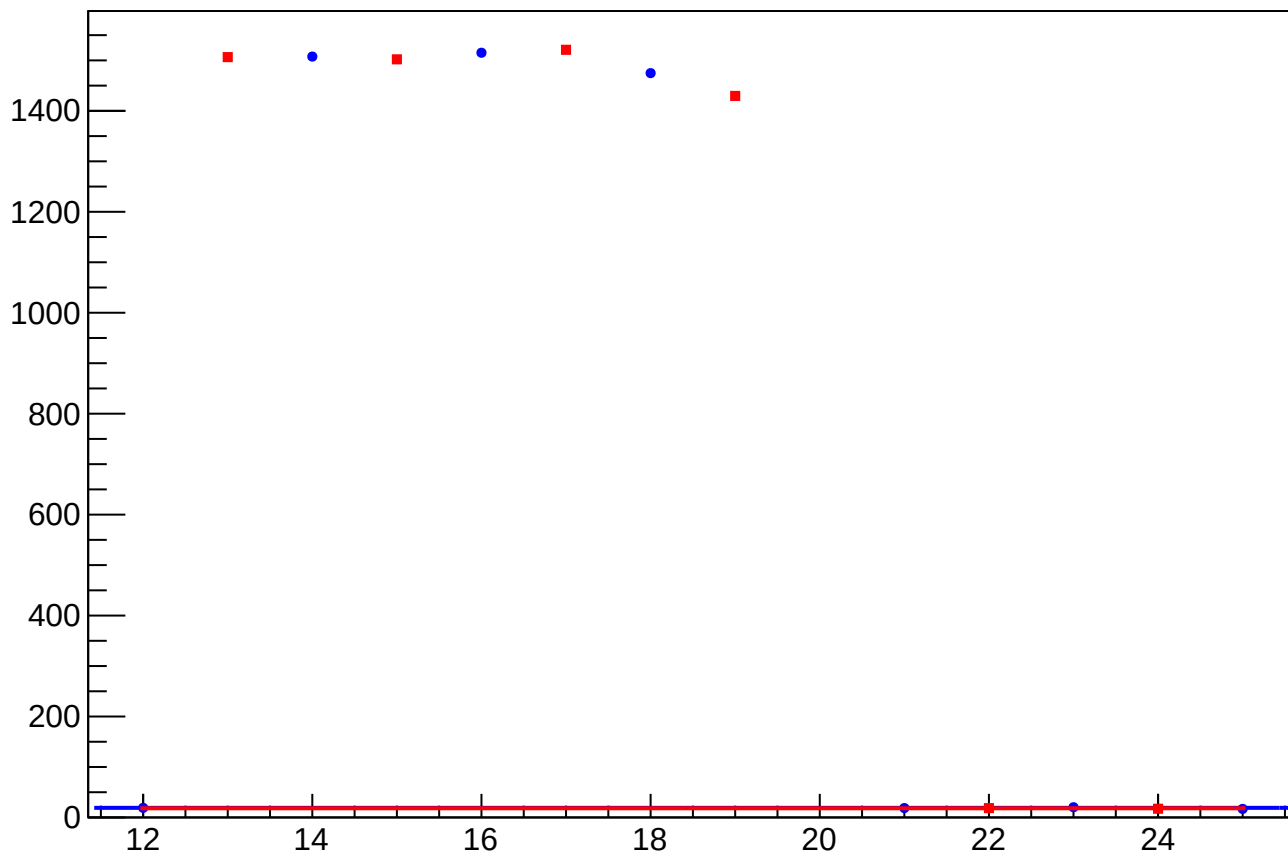
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.079+/-16.591 χ^2/NDF : 1.7/5

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

-16.830+/-10.939 χ^2/NDF : 7.7/12

bcm_an_us_ds_dd_rms vs slug



Right In: 19.049+/-0.010 χ^2/NDF : 4122742.4/6

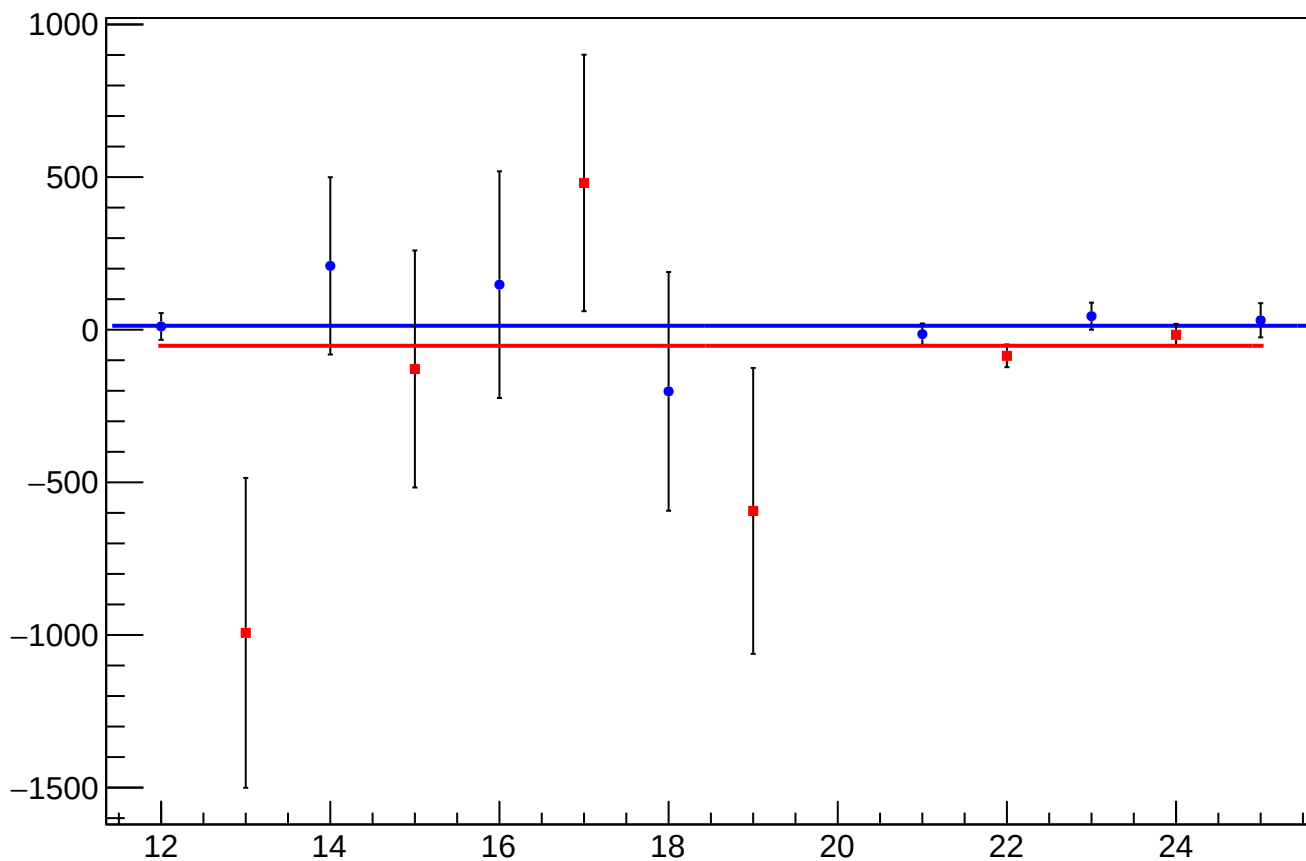
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.152+/-0.012 χ^2/NDF : 3408562.1/5

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

18.659+/-0.008 χ^2/NDF : 7534611.1/12

bcm_dg_us_ds_dd_mean vs slug



Right In: 12.932+/-21.366 χ^2/NDF : 2.1/6

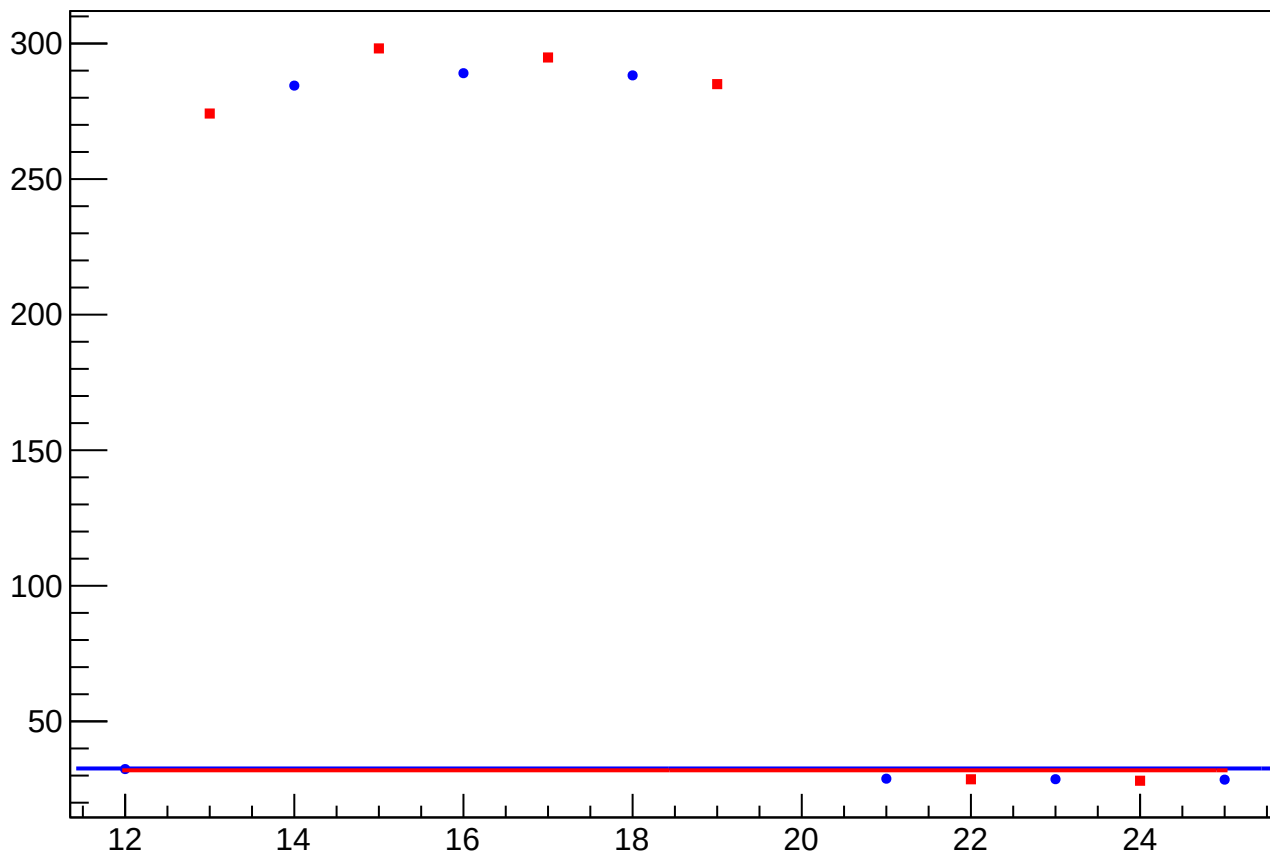
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -52.584+/-25.708 χ^2/NDF : 8.2/5

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

-13.835+/-16.432 χ^2/NDF : 14.2/12

bcm_dg_us_ds_dd_rms vs slug



Right In: 32.622 $\pm$ 0.015 χ^2 /NDF: 3363416.8/6

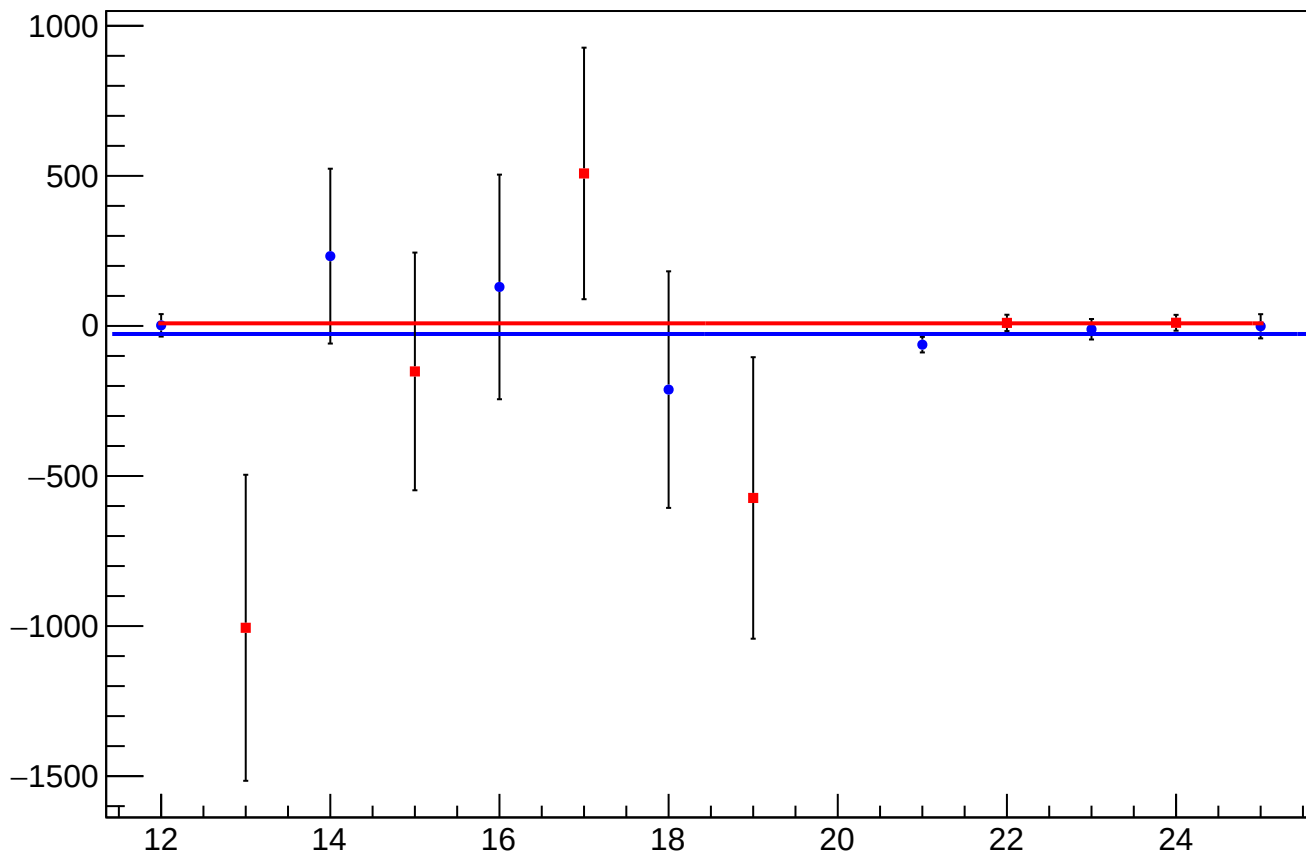
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

32.345 $\pm$ 0.012 χ^2 /NDF: 6166234.2/12

Right Out: 31.944 $\pm$ 0.018 χ^2 /NDF: 2801995.8/5

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

bcm_dg_ds_ds_dd_mean vs slug



Right In: -26.808 ± 16.447 χ^2/NDF : 4.3/6

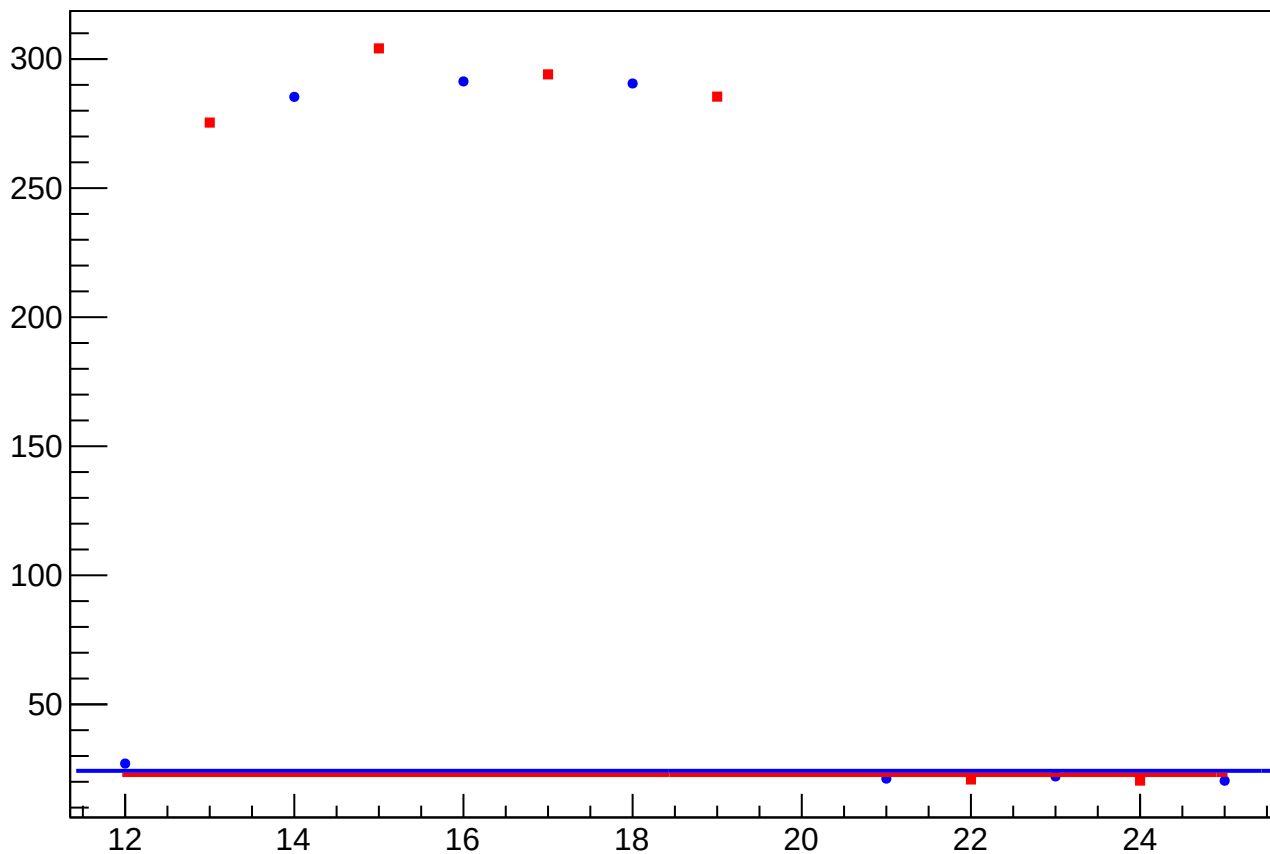
Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 8.693 ± 18.847 χ^2/NDF : 7.1/5

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

-11.461 ± 12.392 χ^2/NDF : 13.4/12

bcm_dg_ds_ds_dd_rms vs slug



Right In: 24.250 $\pm$ 0.012 χ^2 /NDF: 3603731.0/6

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

23.556 $\pm$ 0.009 χ^2 /NDF: 6603037.6/12

Right Out: 22.645 $\pm$ 0.013 χ^2 /NDF: 2991074.6/5

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

bcm_dg_ds_ds3_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

bcm_dg_ds_ds3_dd_rms vs slug



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

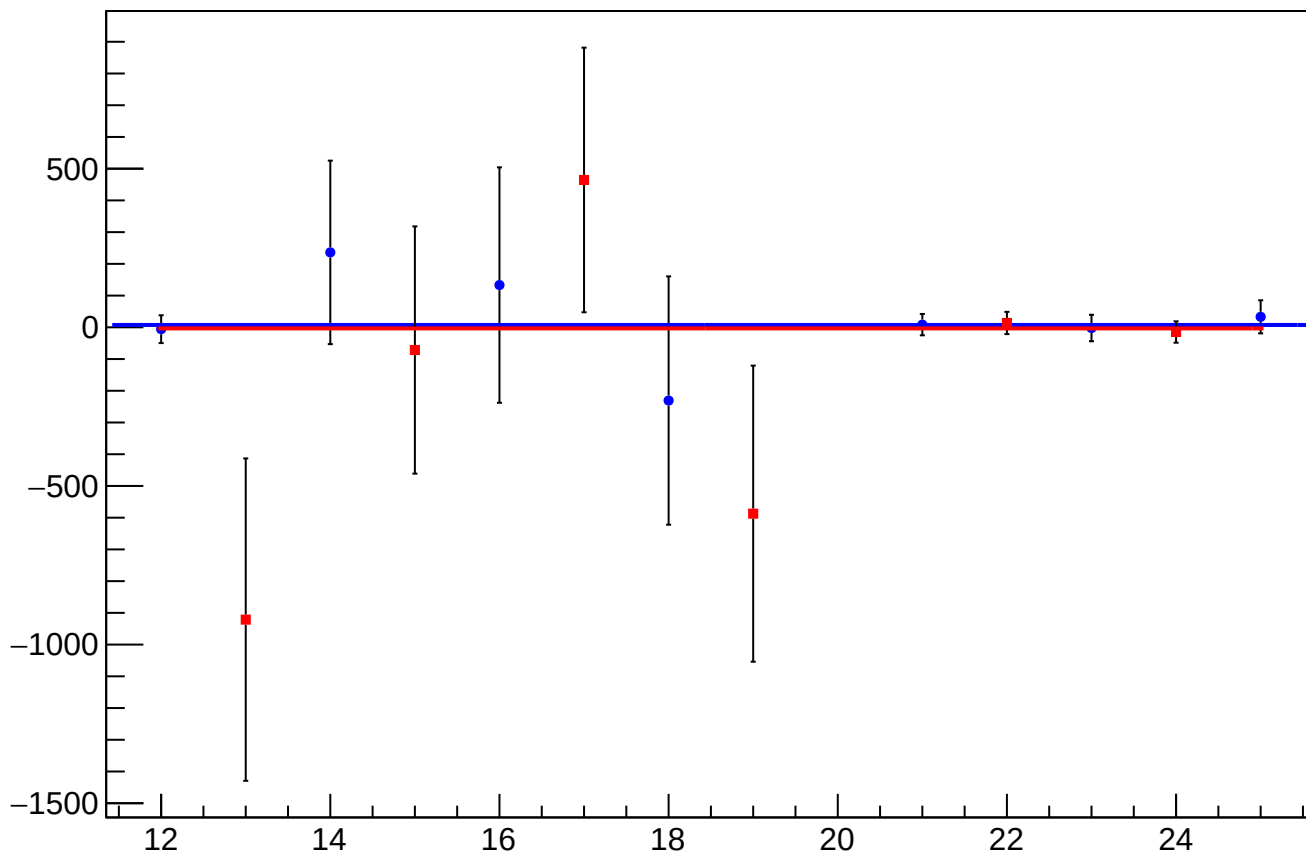
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

bcm_cav4cQ_ds_dd_mean vs slug



Right In: 7.425+/-20.533 χ^2 /NDF: 1.5/6

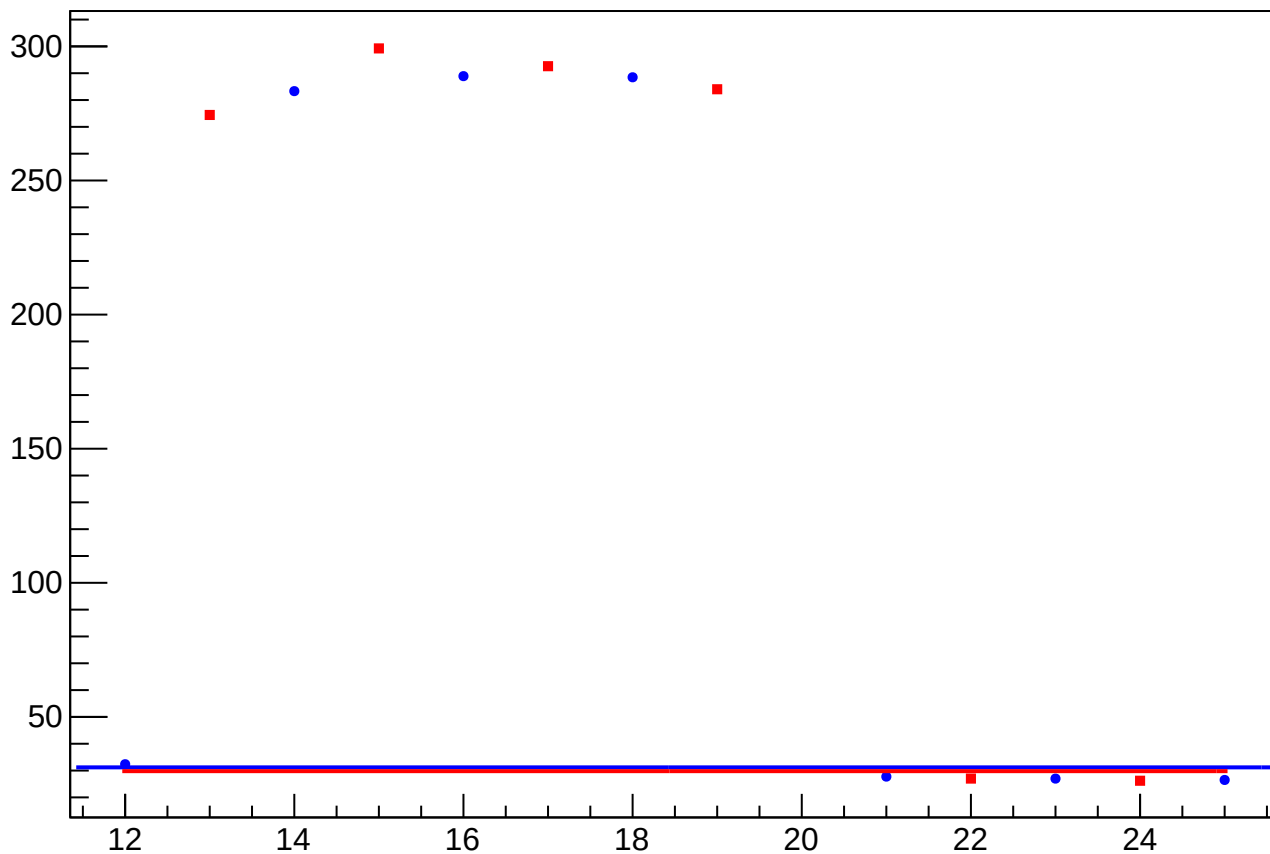
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.455+/-24.131 χ^2 /NDF: 6.5/5

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

2.855+/-15.638 χ^2 /NDF: 8.1/12

bcm_cav4cQ_ds_dd_rms vs slug



Right In: 31.193+/-0.015 χ^2 /NDF: 3408382.3/6

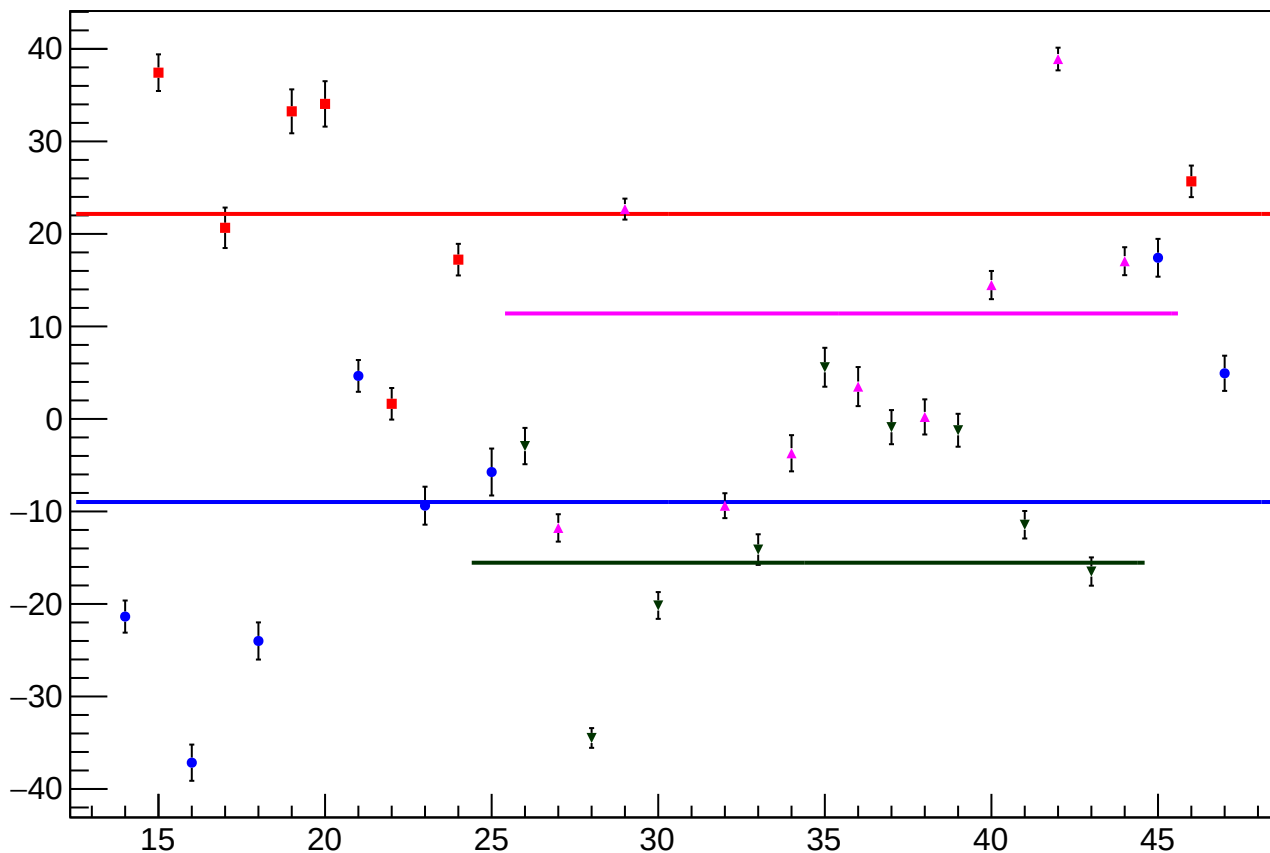
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

30.598+/-0.011 χ^2 /NDF: 6256207.0/12

Right Out: 29.778+/-0.017 χ^2 /NDF: 2843835.9/5

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

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -8.980 ± 0.692 $\chi^2/\text{NDF}: 598.9/7$

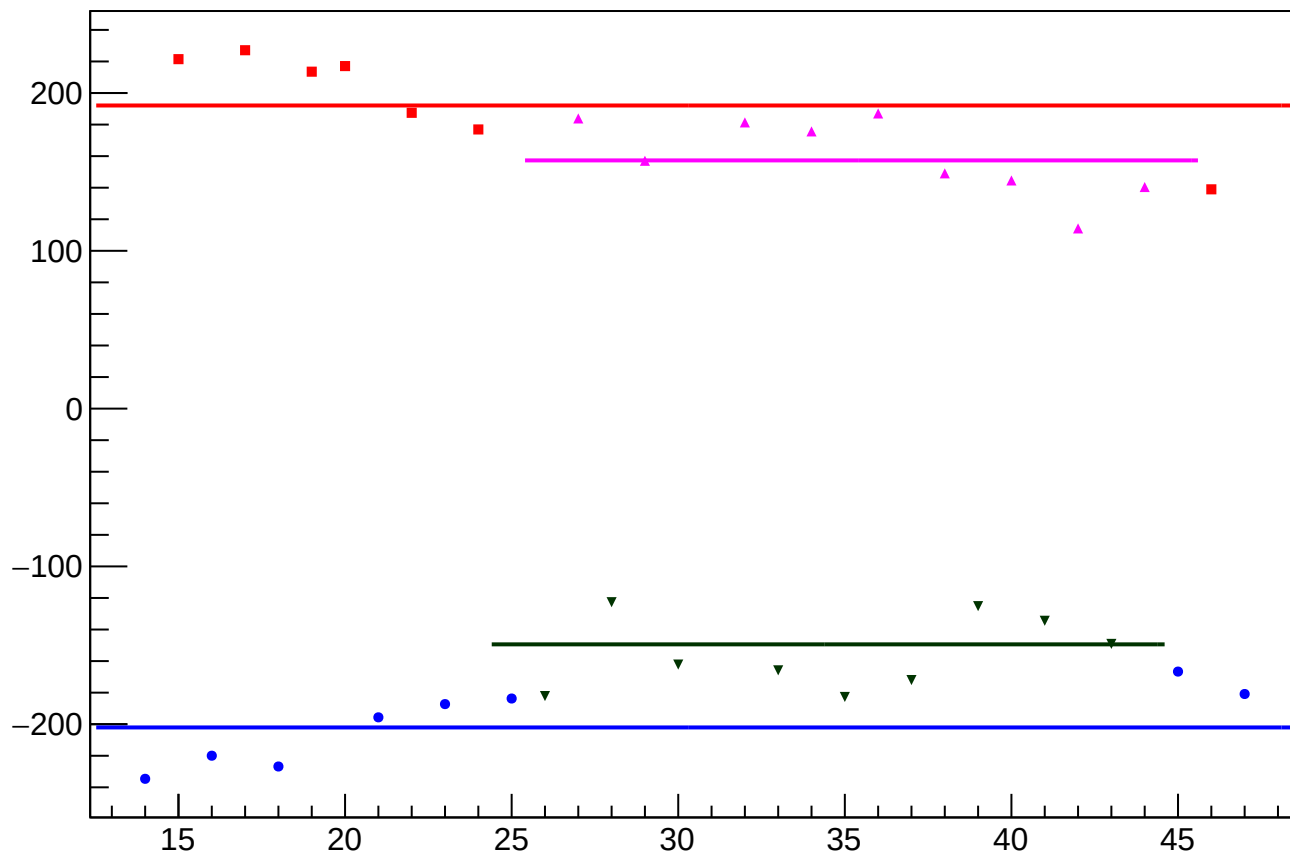
Left Out: -15.541 ± 0.520 $\chi^2/\text{NDF}: 604.0/8$

Right Out: 22.160 ± 0.738 $\chi^2/\text{NDF}: 262.3/6$

Left In: 11.401 ± 0.495 $\chi^2/\text{NDF}: 1211.6/8$

0.945 ± 0.292 $\chi^2/\text{NDF}: 5159.8/32$

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -202.053+/-0.531 χ^2/NDF : 2030.7/7

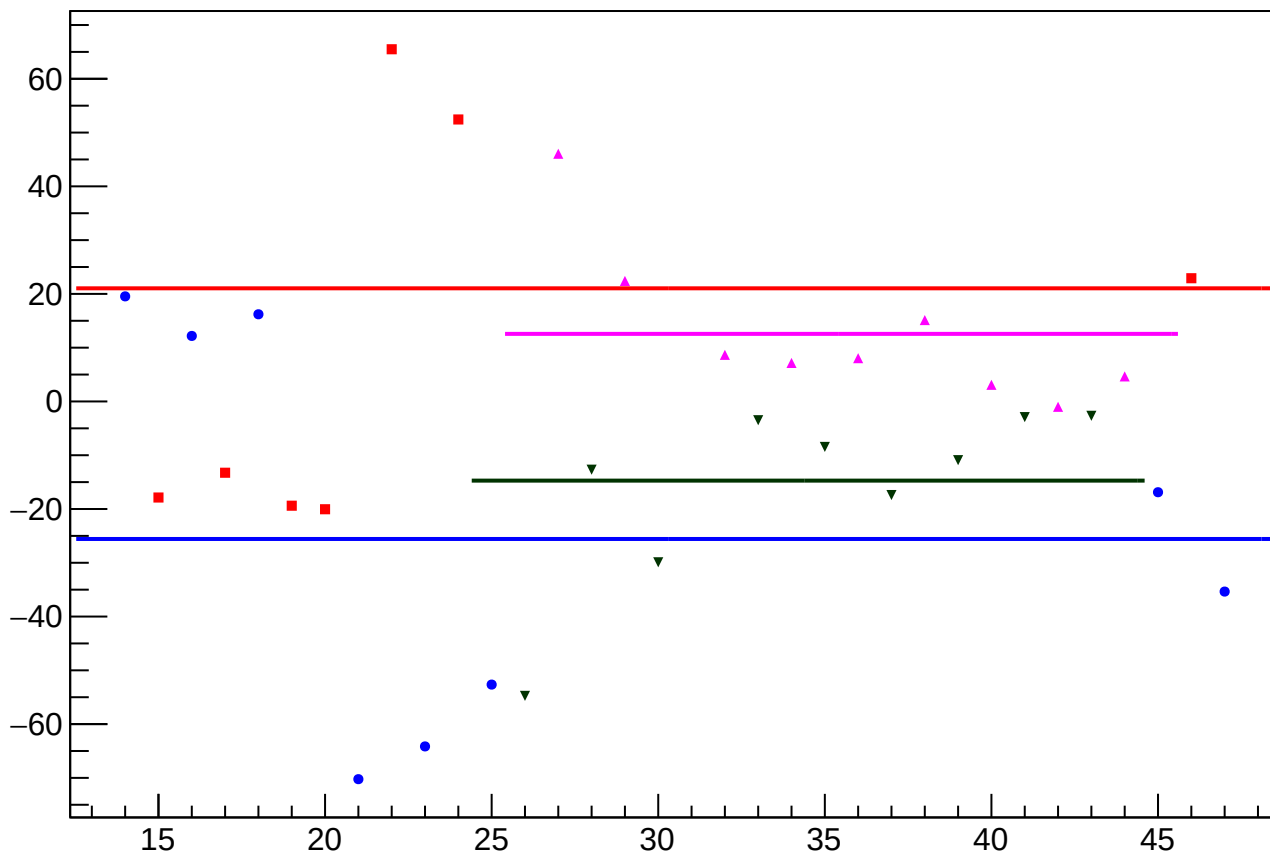
Left Out: -149.395+/-0.395 χ^2/NDF : 3200.8/8

Right Out: 192.101+/-0.566 χ^2/NDF : 2827.6/6

Left In: 157.299+/-0.365 χ^2/NDF : 4330.1/8

4.979+/-0.221 χ^2/NDF : 599992.0/32

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -25.574 ± 0.124 $\chi^2/\text{NDF}: 78266.8/7$

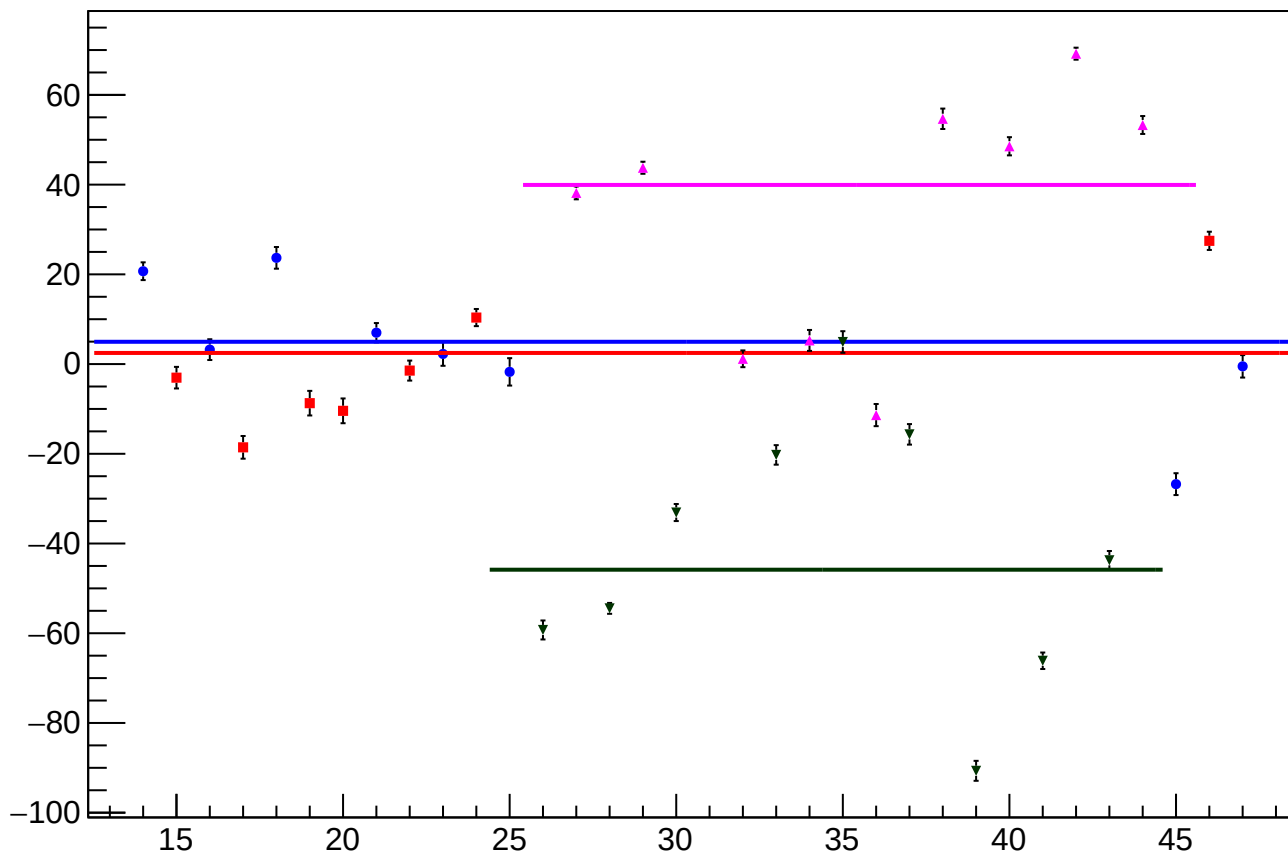
Left Out: -14.722 ± 0.088 $\chi^2/\text{NDF}: 26364.3/8$

Right Out: 21.037 ± 0.133 $\chi^2/\text{NDF}: 63556.2/6$

Left In: 12.566 ± 0.085 $\chi^2/\text{NDF}: 25284.4/8$

-1.633 ± 0.051 $\chi^2/\text{NDF}: 309865.4/32$

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: 4.969+/-0.843 χ^2/NDF : 305.0/7

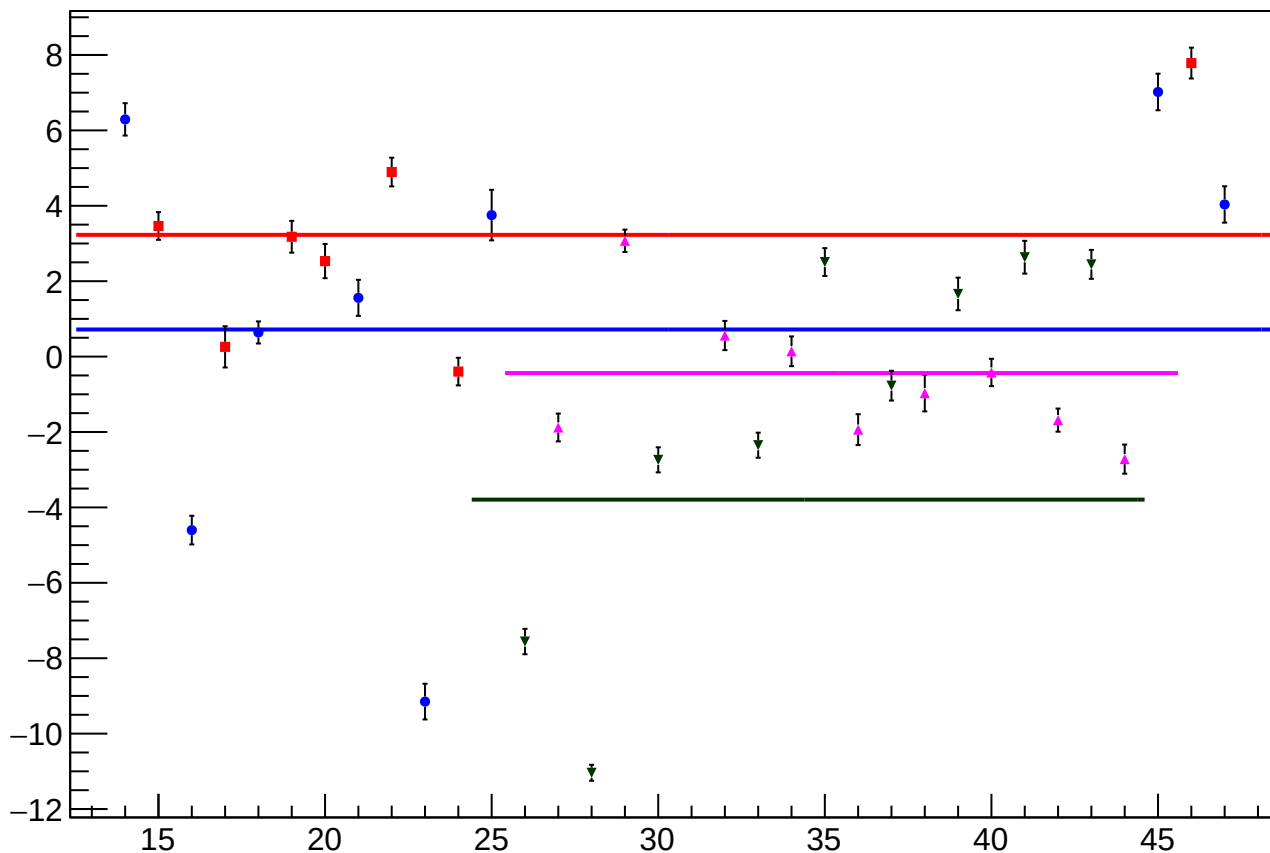
Left Out: -45.838+/-0.634 χ^2/NDF : 1422.1/8

Right Out: 2.480+/-0.874 χ^2/NDF : 284.5/6

Left In: 39.932+/-0.586 χ^2/NDF : 1674.4/8

1.559+/-0.351 χ^2/NDF : 13581.4/32

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: 0.719+/-0.151 χ^2/NDF : 1037.4/7

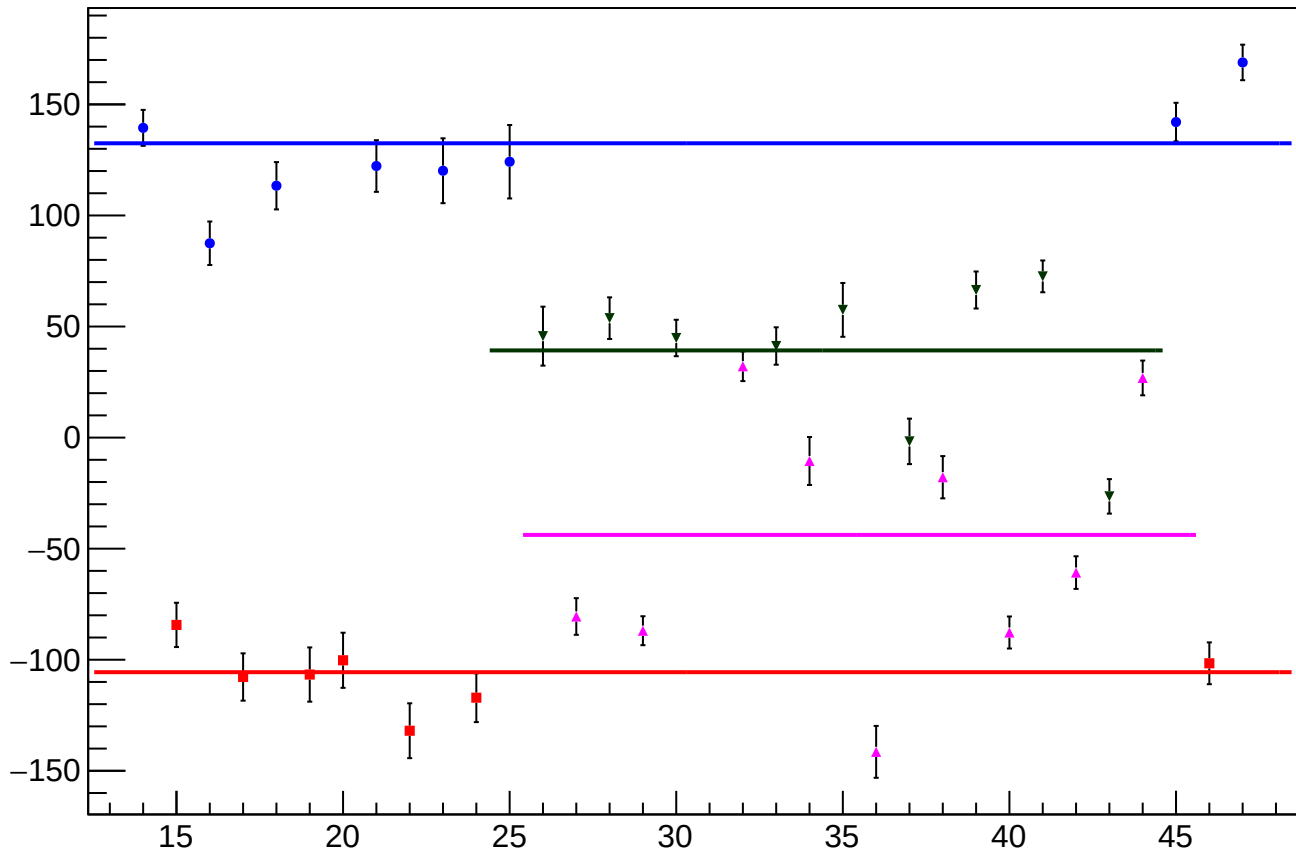
Left Out: -3.793+/-0.112 χ^2/NDF : 2310.3/8

Right Out: 3.229+/-0.155 χ^2/NDF : 273.5/6

Left In: -0.437+/-0.122 χ^2/NDF : 230.2/8

-0.724+/-0.066 χ^2/NDF : 5354.0/32

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 132.491 ± 3.553 $\chi^2/\text{NDF}: 48.7/7$

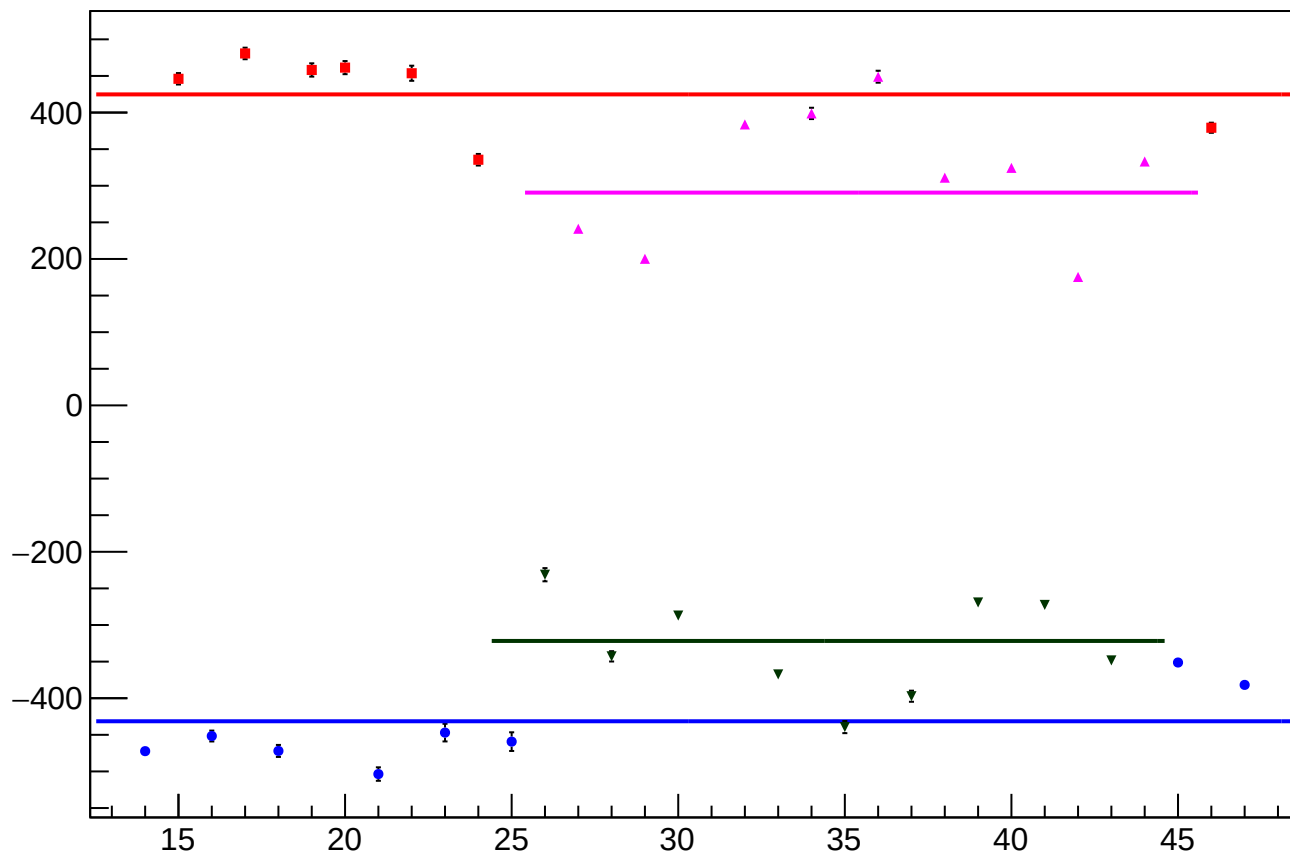
Left Out: 39.246 ± 2.976 $\chi^2/\text{NDF}: 125.4/8$

Right Out: -105.604 ± 4.146 $\chi^2/\text{NDF}: 10.6/6$

Left In: -43.812 ± 2.656 $\chi^2/\text{NDF}: 403.9/8$

6.546 ± 1.597 $\chi^2/\text{NDF}: 3057.0/32$

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -431.481+/-2.699 χ^2/NDF : 374.3/7

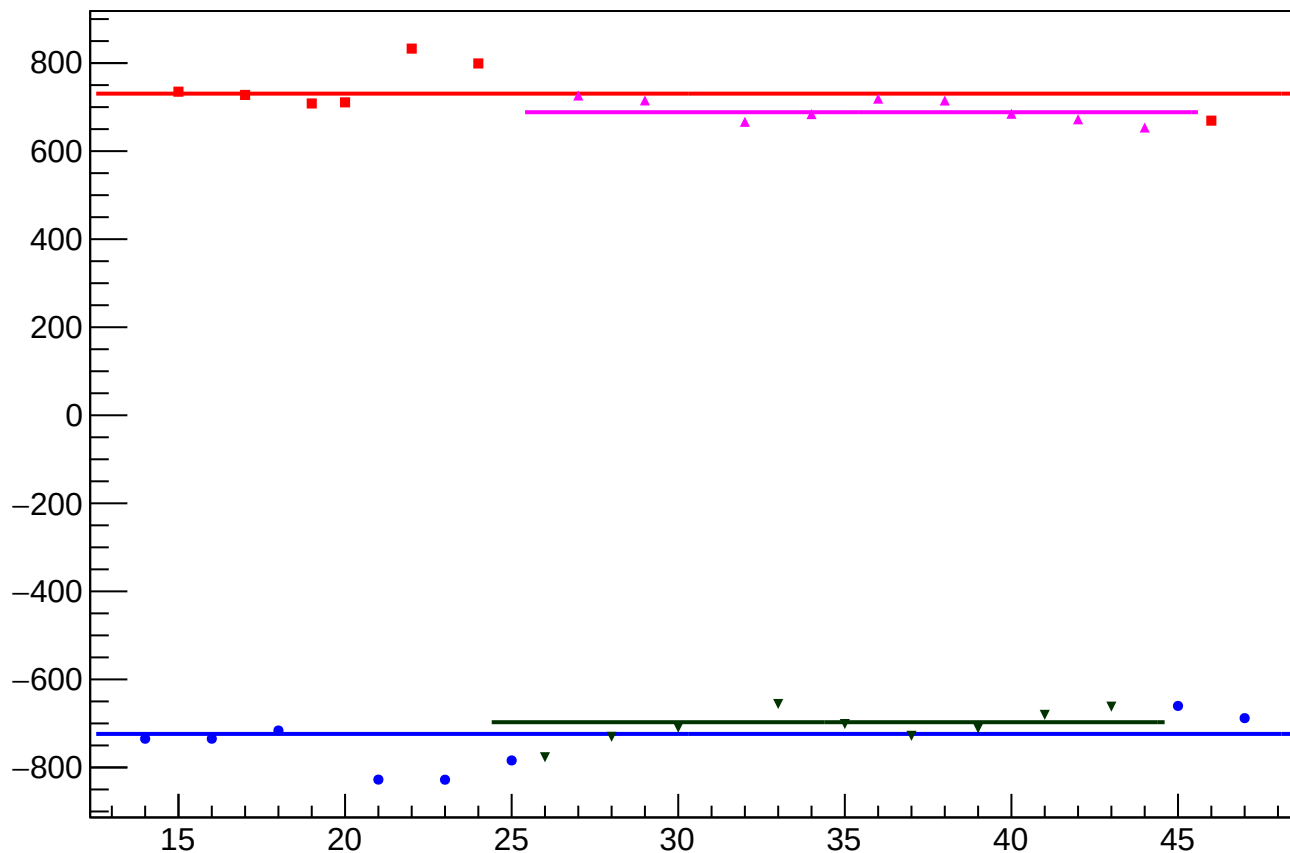
Left Out: -321.773+/-2.219 χ^2/NDF : 673.9/8

Right Out: 424.797+/-3.112 χ^2/NDF : 266.0/6

Left In: 290.641+/-1.943 χ^2/NDF : 1886.9/8

-5.341+/-1.188 χ^2/NDF : 90762.4/32

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -723.837+/-0.632 χ^2/NDF : 7630.4/7

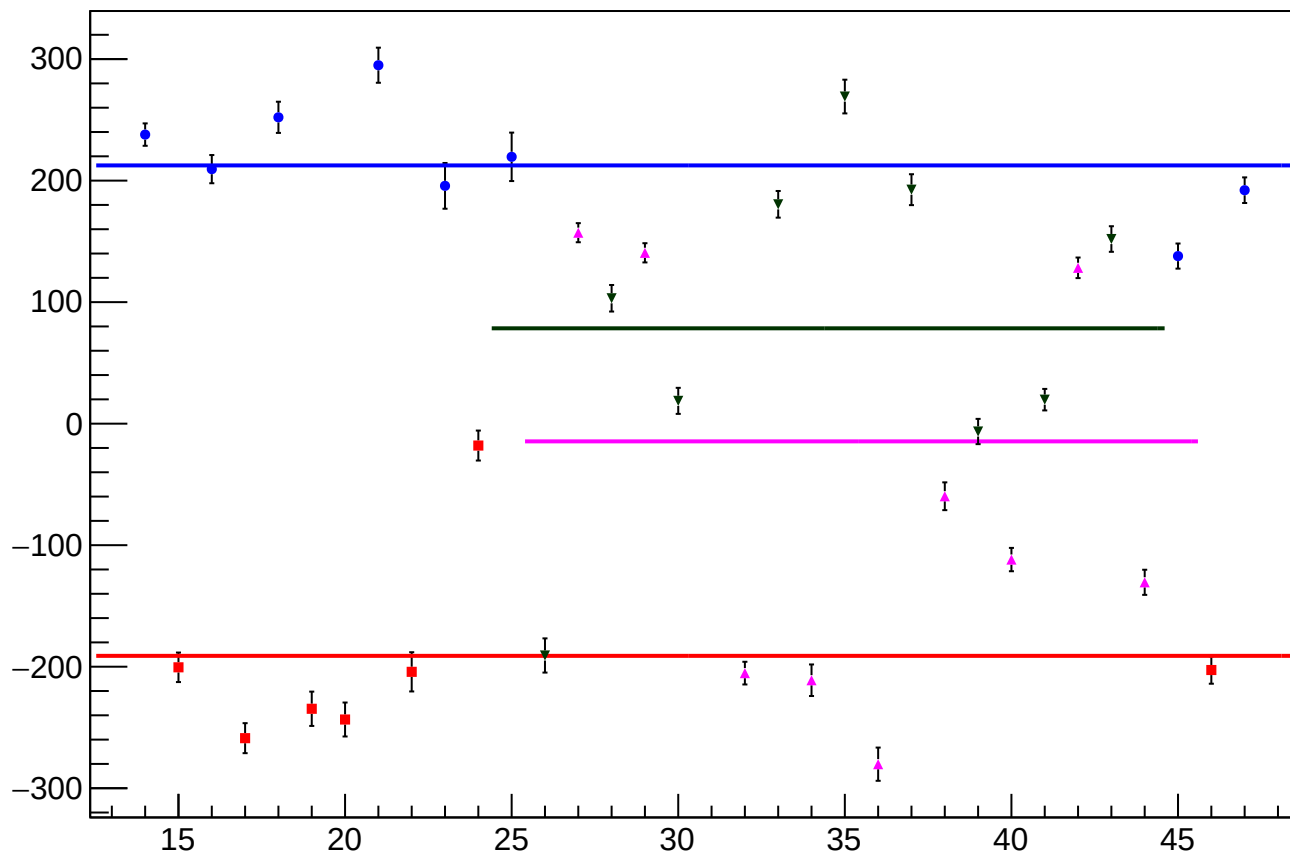
Left Out: -697.208+/-0.498 χ^2/NDF : 4232.4/8

Right Out: 730.621+/-0.748 χ^2/NDF : 5388.6/6

Left In: 688.430+/-0.456 χ^2/NDF : 2965.5/8

-0.349+/-0.276 χ^2/NDF : 6531288.1/32

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 212.513 $\pm$ 4.313 χ^2 /NDF: 106.5/7

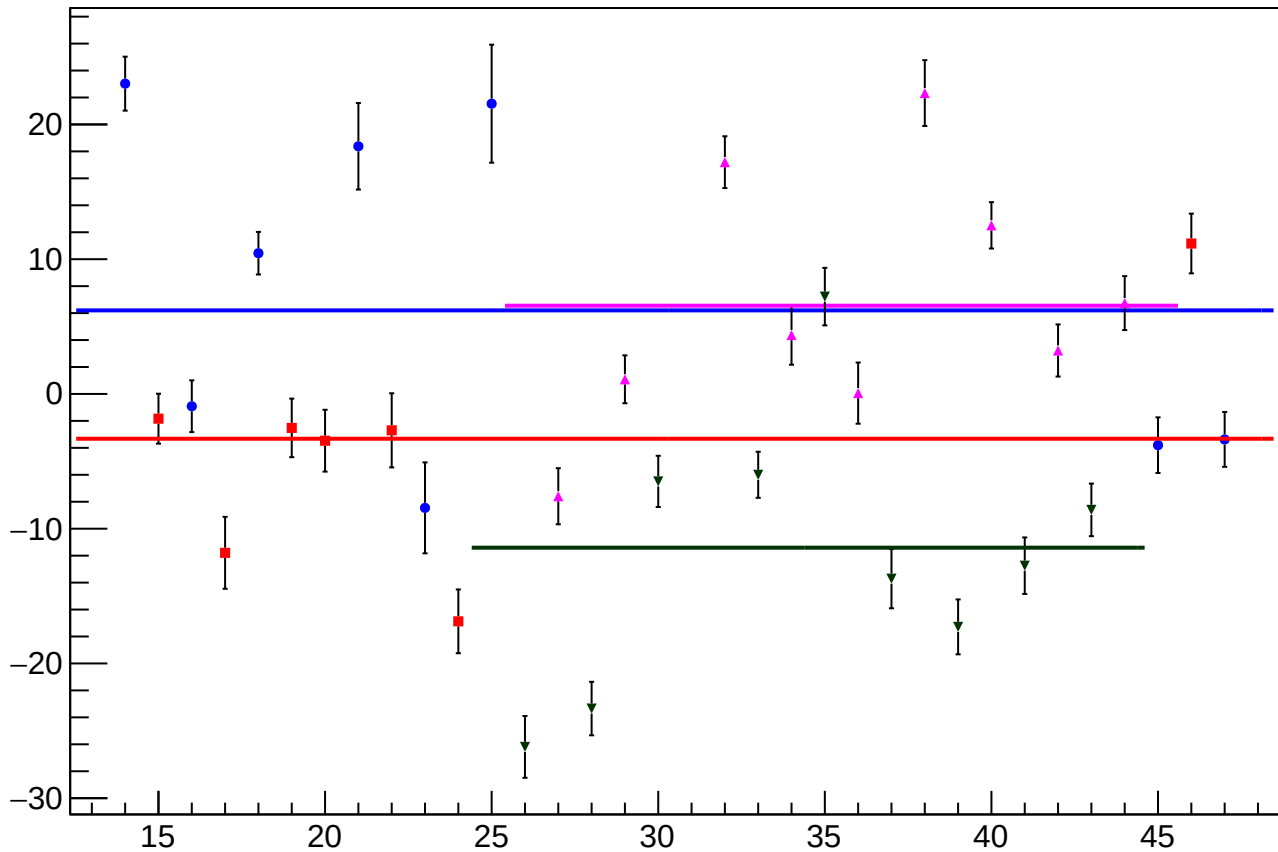
Left Out: 78.457 $\pm$ 3.704 χ^2 /NDF: 917.8/8

Right Out: -191.069 $\pm$ 4.894 χ^2 /NDF: 252.9/6

Left In: -14.576 $\pm$ 3.215 χ^2 /NDF: 2415.6/8

29.244 $\pm$ 1.942 χ^2 /NDF: 7887.8/32

reg_asym_sam2_diff_bpm11X_slope vs slug



Right In: 6.201 ± 0.782 χ^2/NDF : 182.6/7

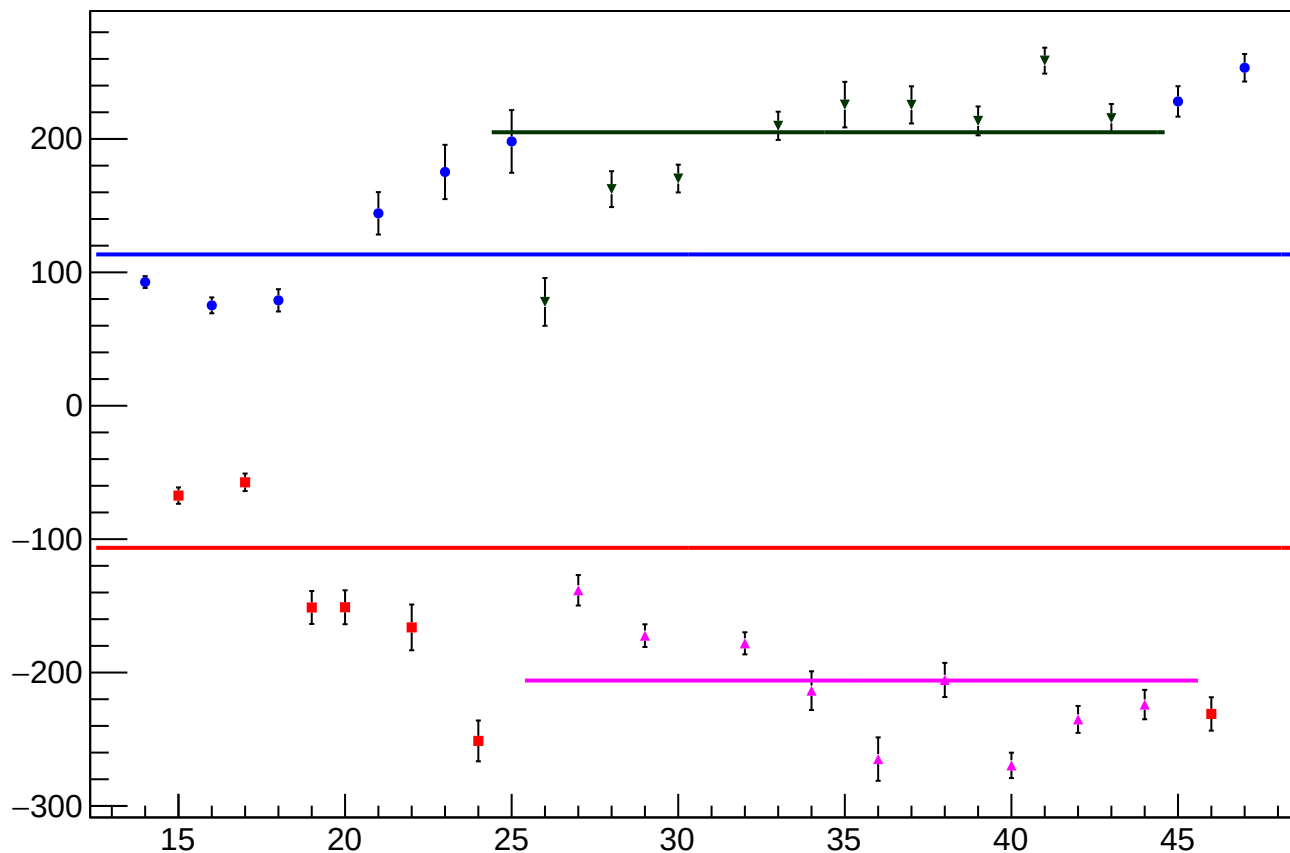
Left Out: -11.409 ± 0.671 χ^2/NDF : 182.6/8

Right Out: -3.324 ± 0.861 χ^2/NDF : 86.4/6

Left In: 6.549 ± 0.668 χ^2/NDF : 152.2/8

-0.672 ± 0.366 χ^2/NDF : 1063.4/32

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 113.440 ± 2.902 χ^2/NDF : 391.1/7

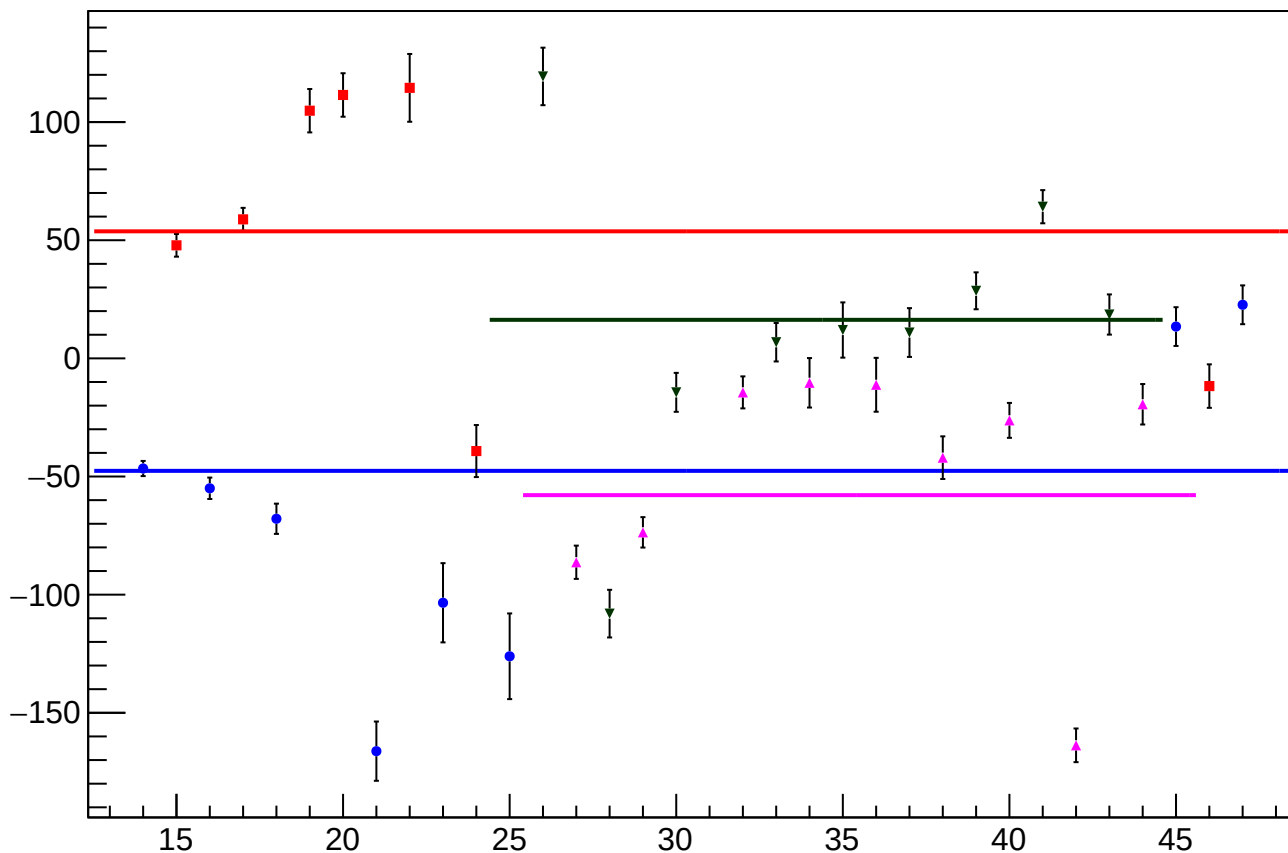
Left Out: 205.016 ± 3.976 χ^2/NDF : 107.5/8

Right Out: -106.493 ± 3.613 χ^2/NDF : 322.7/6

Left In: -205.989 ± 3.539 χ^2/NDF : 131.2/8

5.428 ± 1.719 χ^2/NDF : 9385.5/32

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -47.604 ± 2.166 $\chi^2/\text{NDF}: 260.7/7$

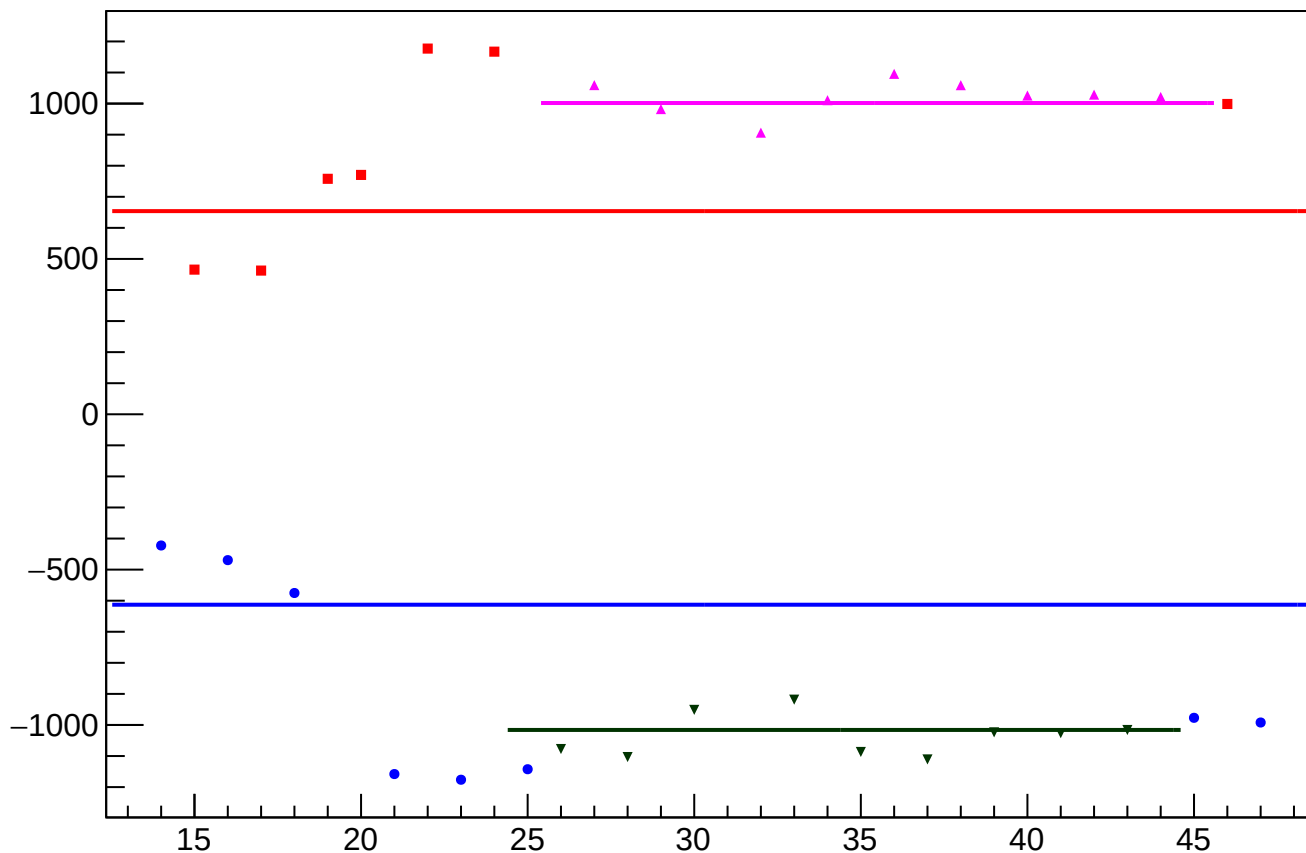
Left Out: 16.311 ± 2.966 $\chi^2/\text{NDF}: 288.5/8$

Right Out: 53.763 ± 2.730 $\chi^2/\text{NDF}: 212.7/6$

Left In: -57.884 ± 2.609 $\chi^2/\text{NDF}: 363.4/8$

-15.758 ± 1.283 $\chi^2/\text{NDF}: 2367.5/32$

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -612.971+/-0.544 χ^2/NDF : 232096.4/7

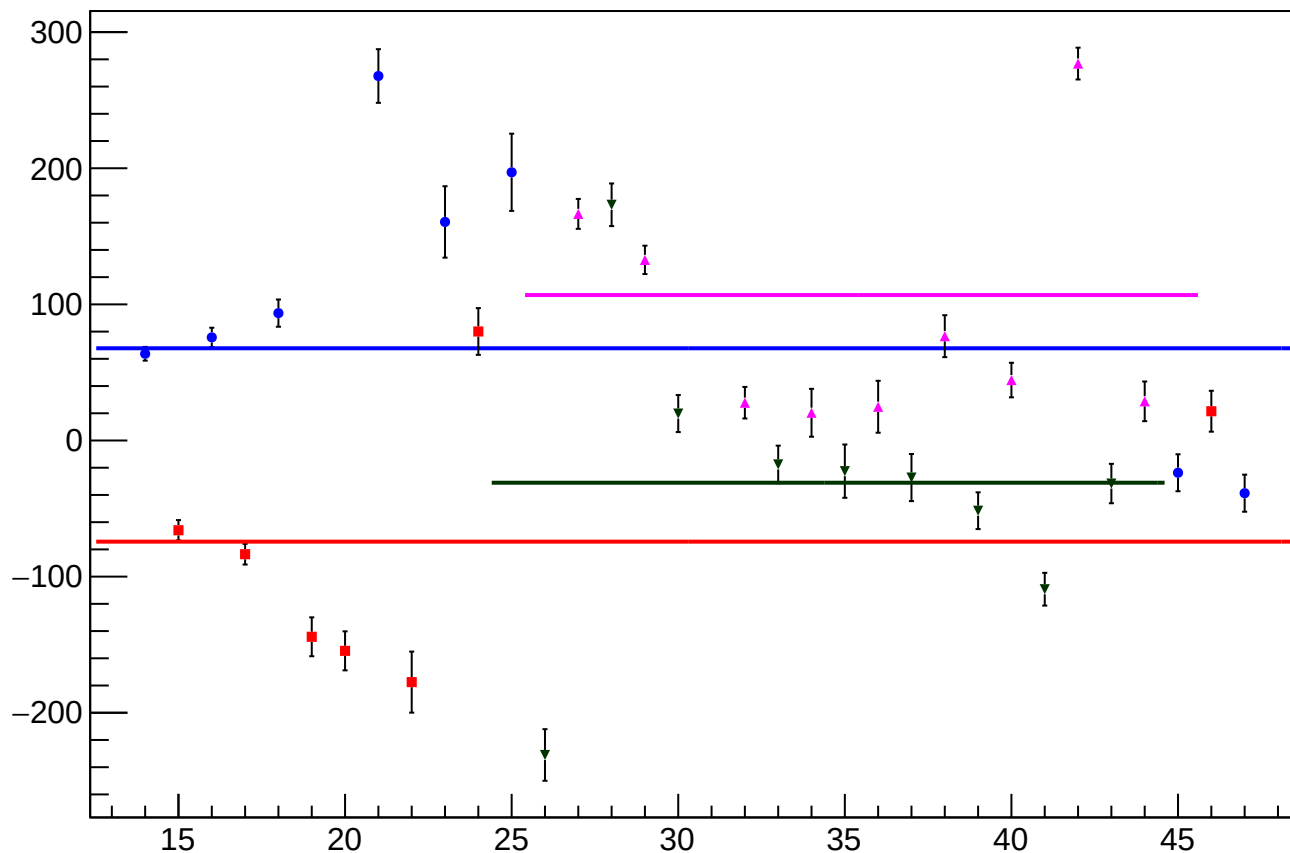
Left Out: -1016.038+/-0.663 χ^2/NDF : 9076.6/8

Right Out: 653.890+/-0.678 χ^2/NDF : 146581.2/6

Left In: 1001.844+/-0.607 χ^2/NDF : 8875.1/8

-22.097+/-0.308 χ^2/NDF : 7663559.8/32

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 67.749 ± 3.422 $\chi^2/\text{NDF}: 251.3/7$

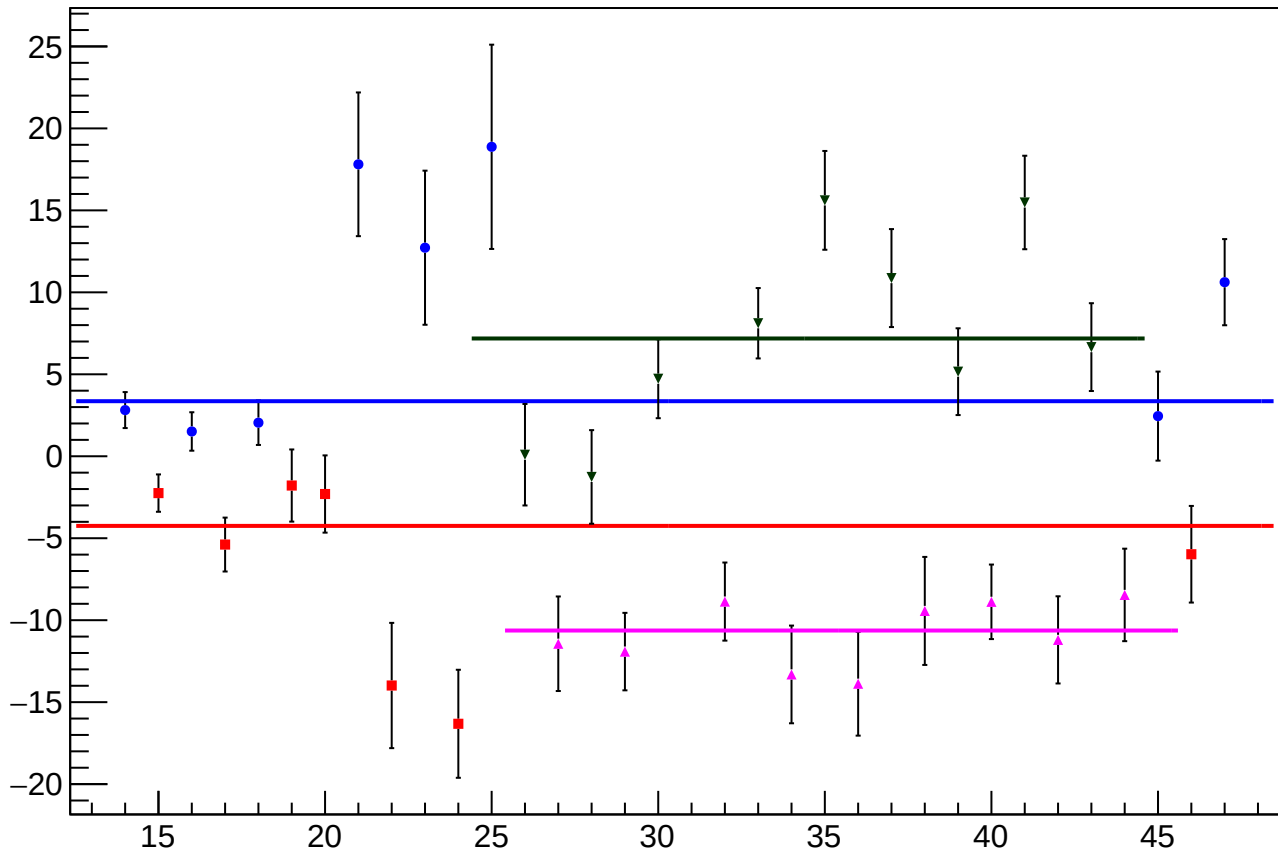
Left Out: -31.022 ± 4.960 $\chi^2/\text{NDF}: 340.9/8$

Right Out: -74.304 ± 4.272 $\chi^2/\text{NDF}: 200.6/6$

Left In: 106.845 ± 4.330 $\chi^2/\text{NDF}: 393.2/8$

26.271 ± 2.066 $\chi^2/\text{NDF}: 2366.9/32$

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 3.359 ± 0.632 χ^2/NDF : 32.4/7

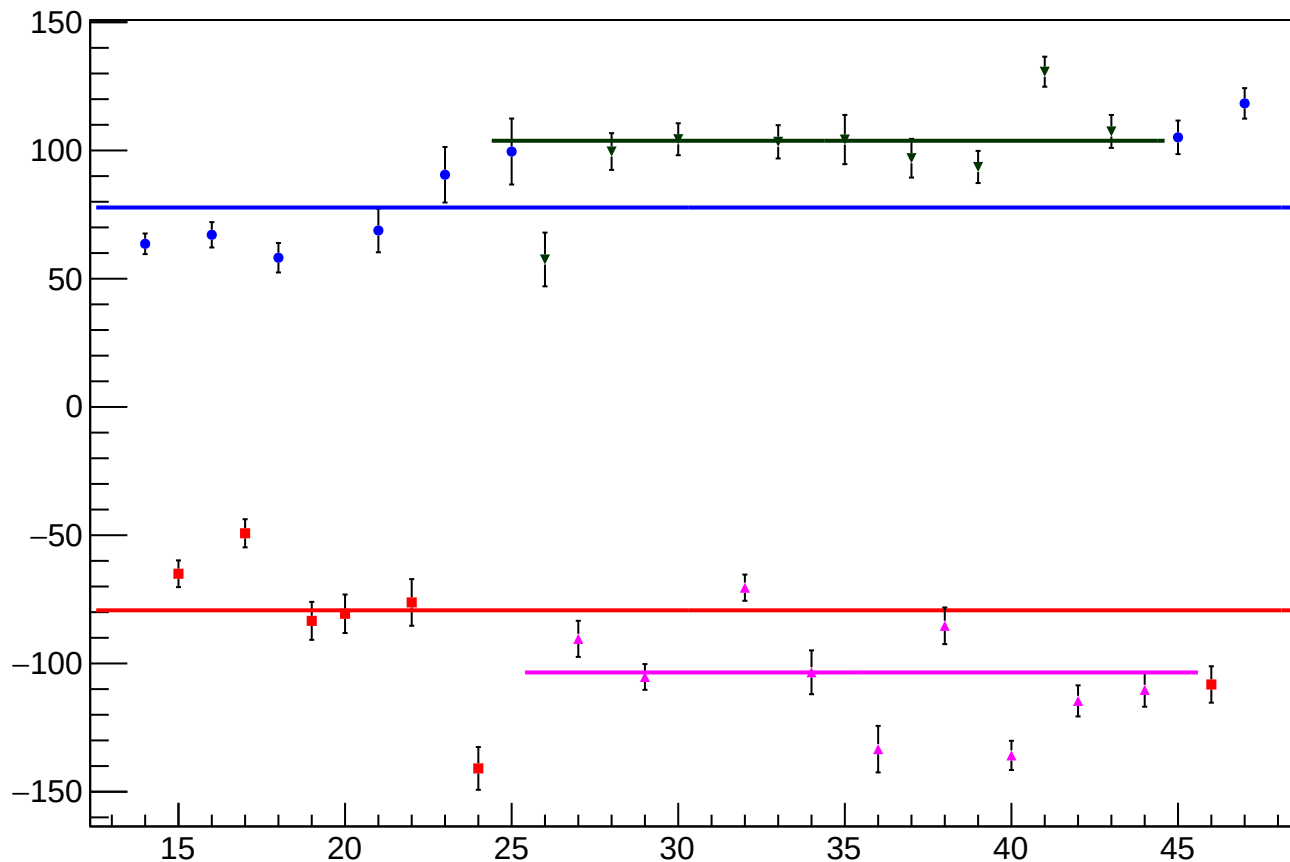
Left Out: 7.185 ± 0.897 χ^2/NDF : 33.7/8

Right Out: -4.248 ± 0.745 χ^2/NDF : 25.8/6

Left In: -10.630 ± 0.898 χ^2/NDF : 4.1/8

-0.516 ± 0.384 χ^2/NDF : 359.3/32

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 77.761 ± 2.165 $\chi^2/\text{NDF}: 98.2/7$

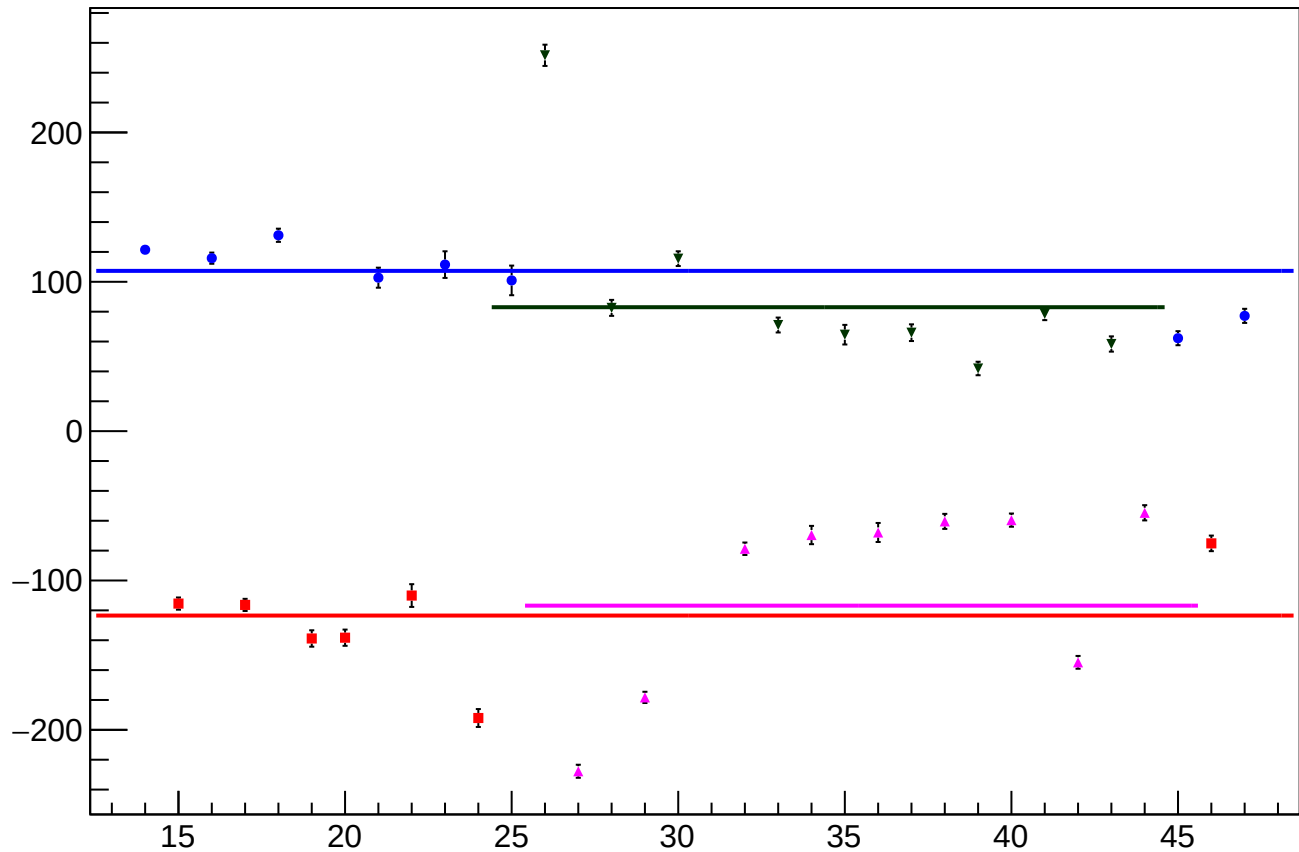
Left Out: 103.778 ± 2.323 $\chi^2/\text{NDF}: 44.8/8$

Right Out: -79.281 ± 2.562 $\chi^2/\text{NDF}: 109.2/6$

Left In: -103.505 ± 2.108 $\chi^2/\text{NDF}: 99.4/8$

0.579 ± 1.135 $\chi^2/\text{NDF}: 7005.3/32$

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 107.317 $\pm$ 1.632 χ^2 /NDF: 191.3/7

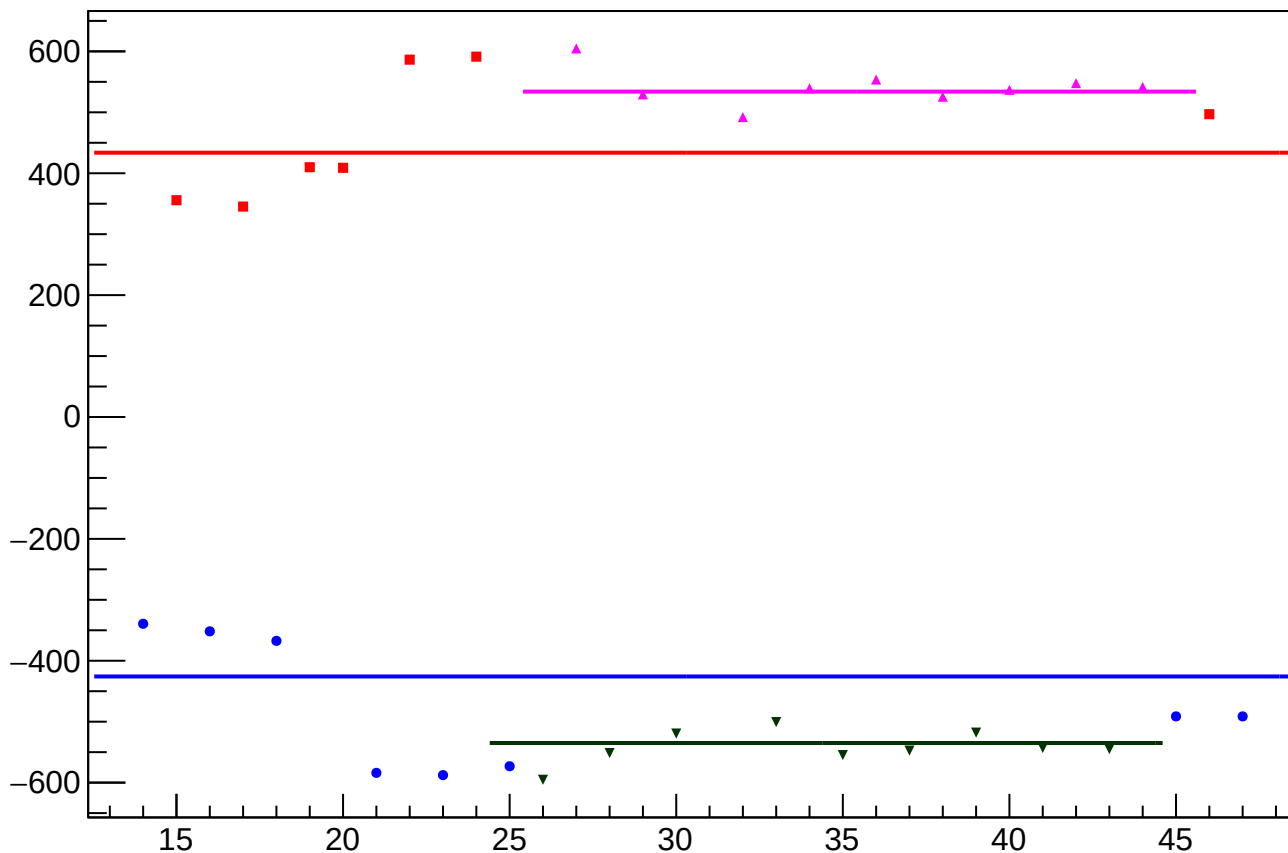
Left Out: 82.987 $\pm$ 1.731 χ^2 /NDF: 733.8/8

Right Out: -123.476 $\pm$ 1.927 χ^2 /NDF: 241.9/6

Left In: -116.837 $\pm$ 1.553 χ^2 /NDF: 1630.8/8

-9.831 $\pm$ 0.847 χ^2 /NDF: 19054.9/32

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -425.793+/-0.396 χ^2/NDF : 51872.7/7

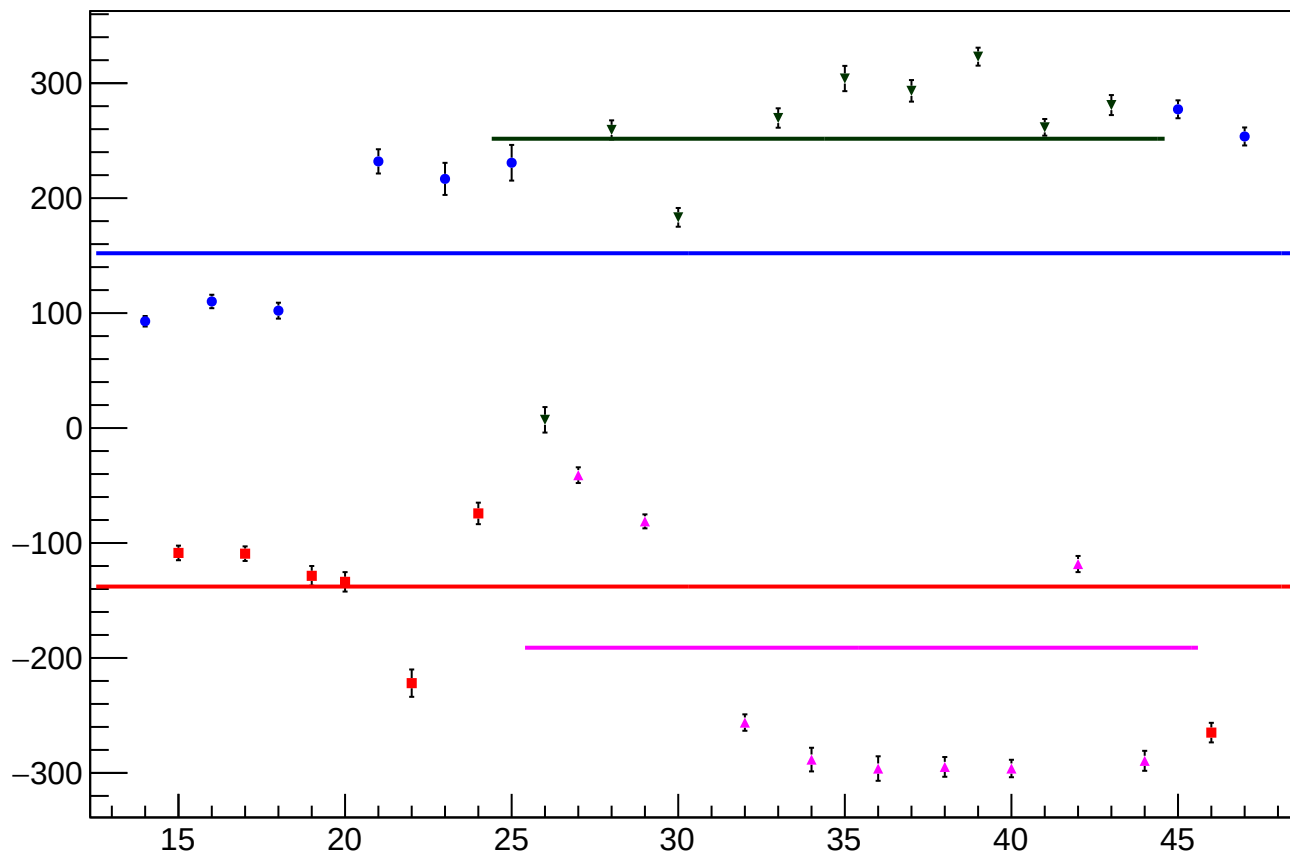
Left Out: -534.947+/-0.388 χ^2/NDF : 3491.6/8

Right Out: 433.742+/-0.472 χ^2/NDF : 35830.1/6

Left In: 533.950+/-0.361 χ^2/NDF : 6442.7/8

-9.293+/-0.199 χ^2/NDF : 6186325.7/32

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 152.054 ± 2.591 χ^2/NDF : 802.0/7

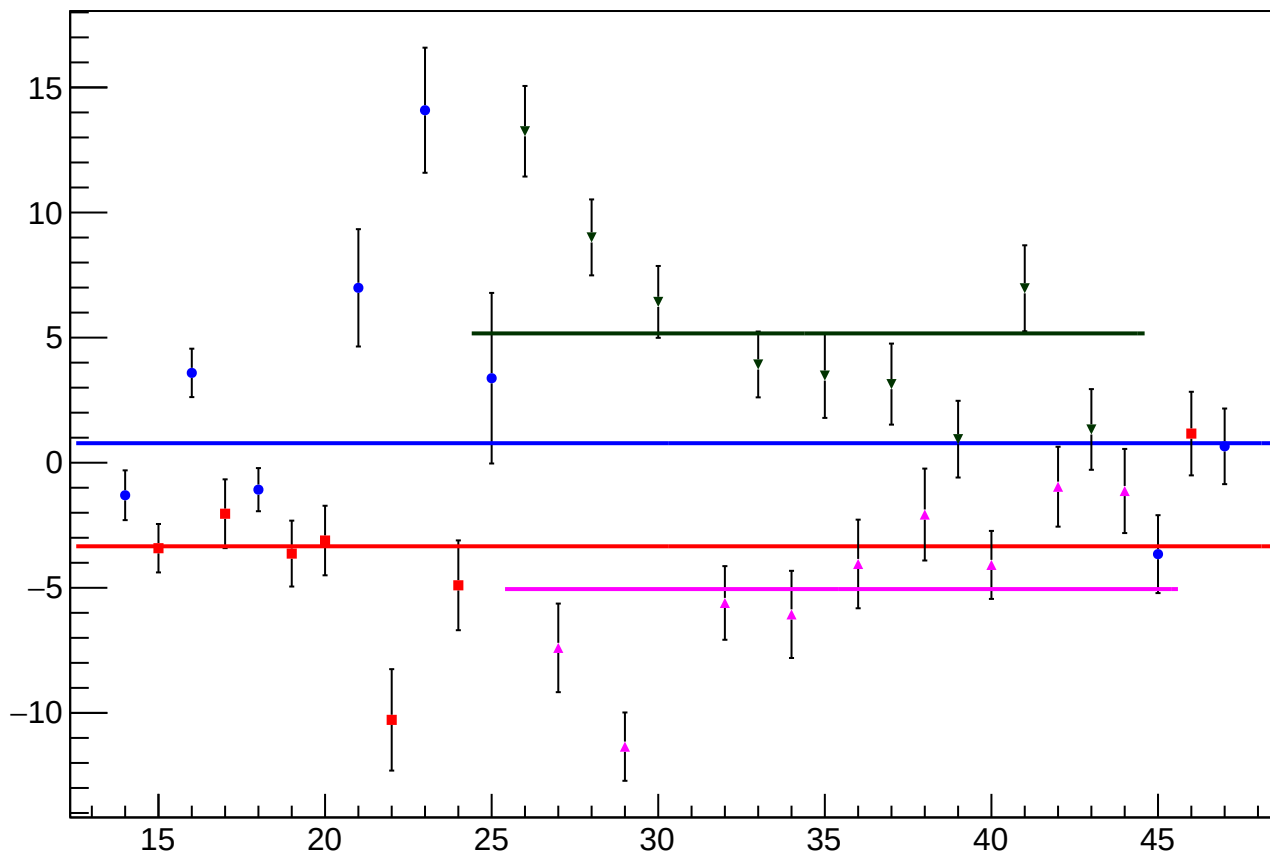
Left Out: 251.665 ± 2.888 χ^2/NDF : 700.3/8

Right Out: -137.888 ± 3.022 χ^2/NDF : 361.6/6

Left In: -191.089 ± 2.577 χ^2/NDF : 1650.2/8

16.902 ± 1.375 χ^2/NDF : 21979.8/32

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 0.780 $\pm$ 0.461 χ^2/NDF : 61.5/7

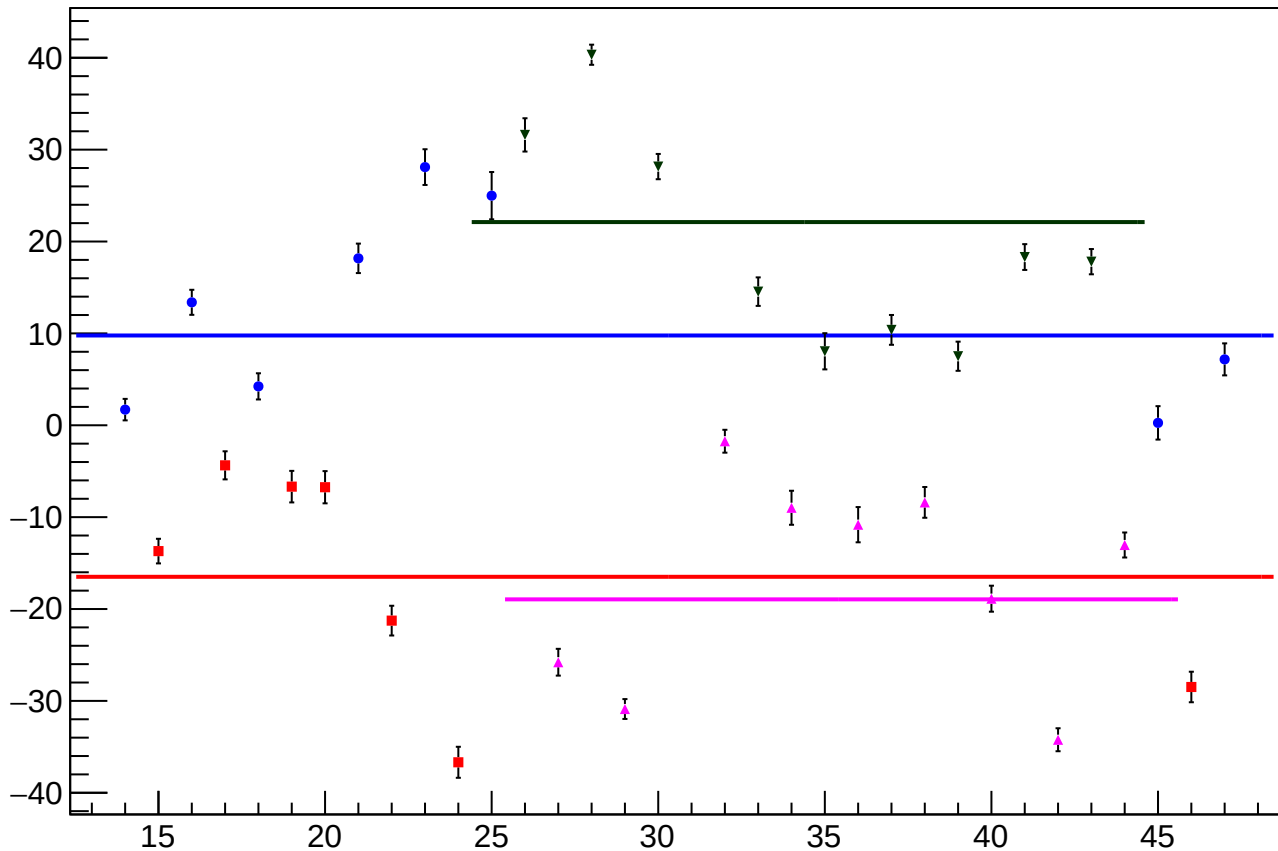
Left Out: 5.168 $\pm$ 0.521 χ^2/NDF : 44.9/8

Right Out: -3.341 $\pm$ 0.527 χ^2/NDF : 20.7/6

Left In: -5.051 $\pm$ 0.531 χ^2/NDF : 39.0/8

-0.468 $\pm$ 0.254 χ^2/NDF : 394.6/32

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 9.773 ± 0.559 χ^2/NDF : 250.5/7

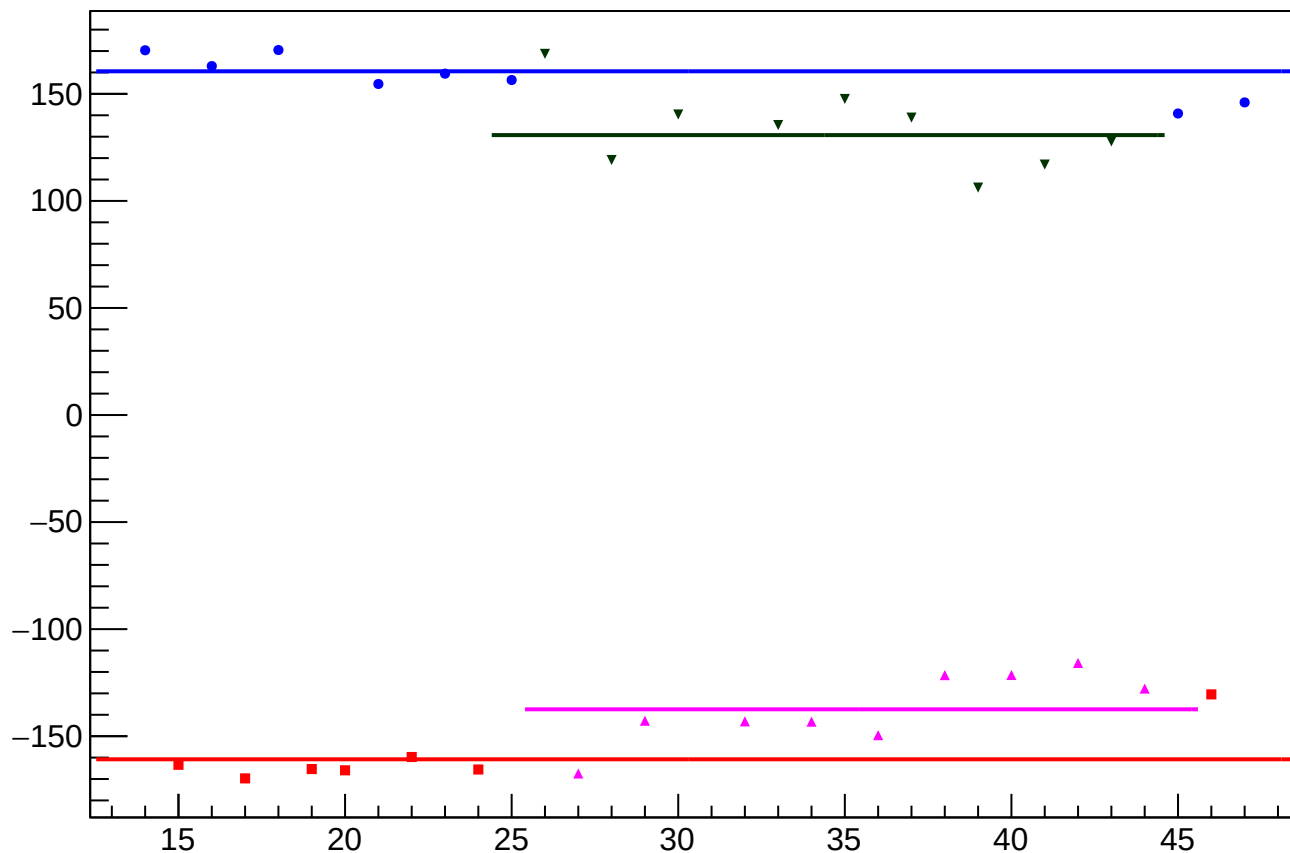
Left Out: 22.117 ± 0.491 χ^2/NDF : 551.8/8

Right Out: -16.492 ± 0.604 χ^2/NDF : 334.8/6

Left In: -18.949 ± 0.468 χ^2/NDF : 590.0/8

-0.601 ± 0.261 χ^2/NDF : 6445.3/32

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 160.542 $\pm$ 0.426 χ^2 /NDF: 584.4/7

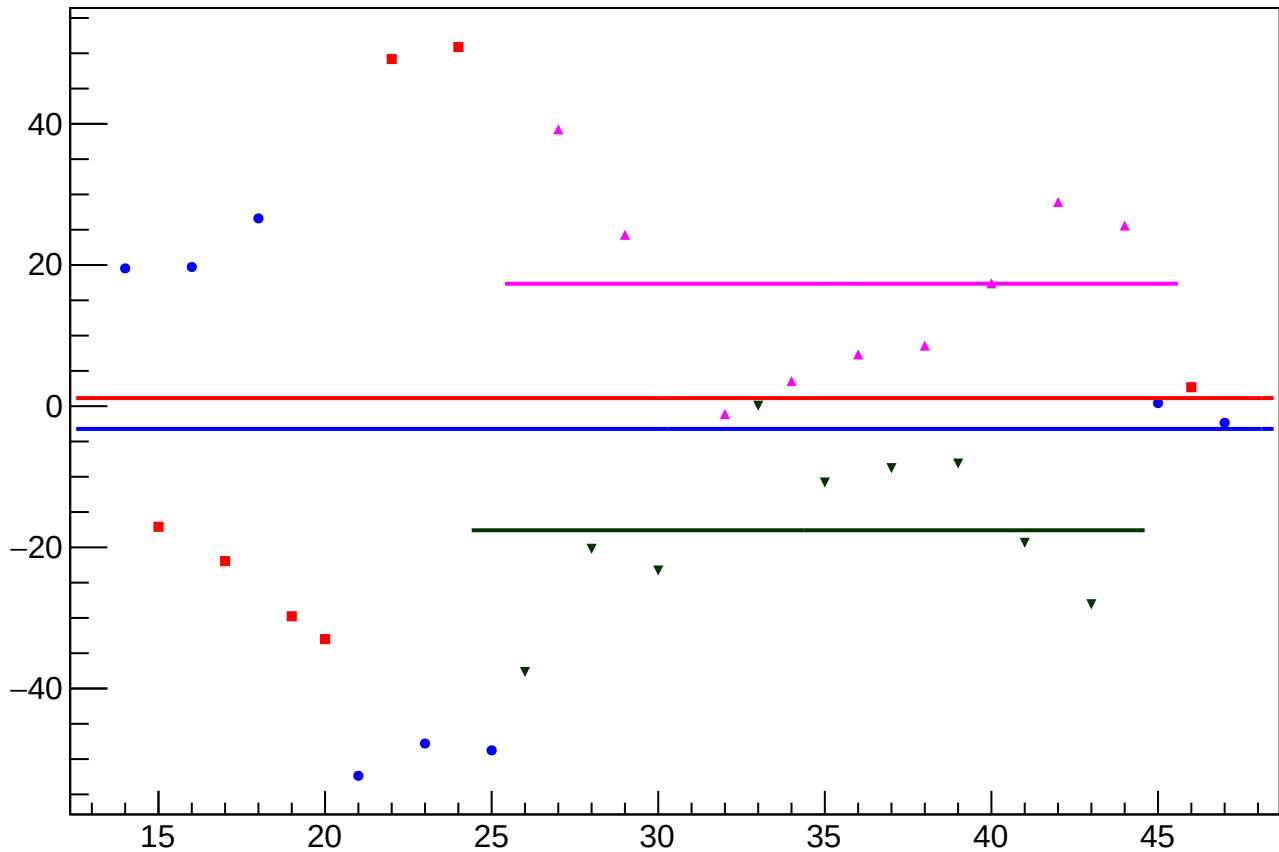
Left Out: 130.746 $\pm$ 0.370 χ^2 /NDF:2040.6/8

Right Out: -160.790 $\pm$ 0.459 χ^2 /NDF: 657.8/6

Left In: -137.445 $\pm$ 0.345 χ^2 /NDF:2221.8/8

-2.954 $\pm$ 0.196 χ^2 /NDF: 552893.2/32

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -3.218 ± 0.102 χ^2/NDF : 86603.0/7

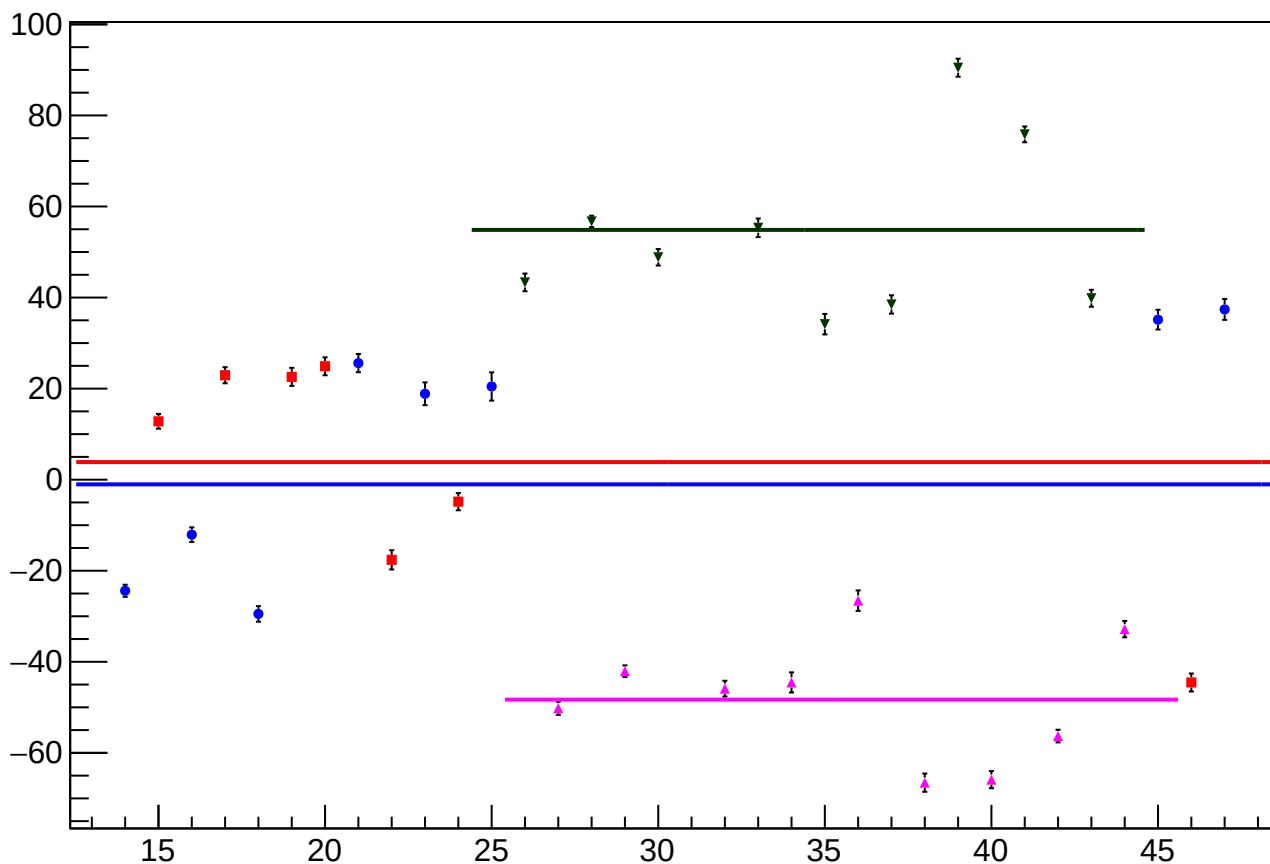
Left Out: -17.579 ± 0.083 χ^2/NDF : 15734.3/8

Right Out: 1.145 ± 0.111 χ^2/NDF : 81839.3/6

Left In: 17.353 ± 0.080 χ^2/NDF : 25926.3/8

-0.205 ± 0.046 χ^2/NDF : 303281.2/32

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: -1.030+/-0.674 χ^2/NDF : 1477.8/7

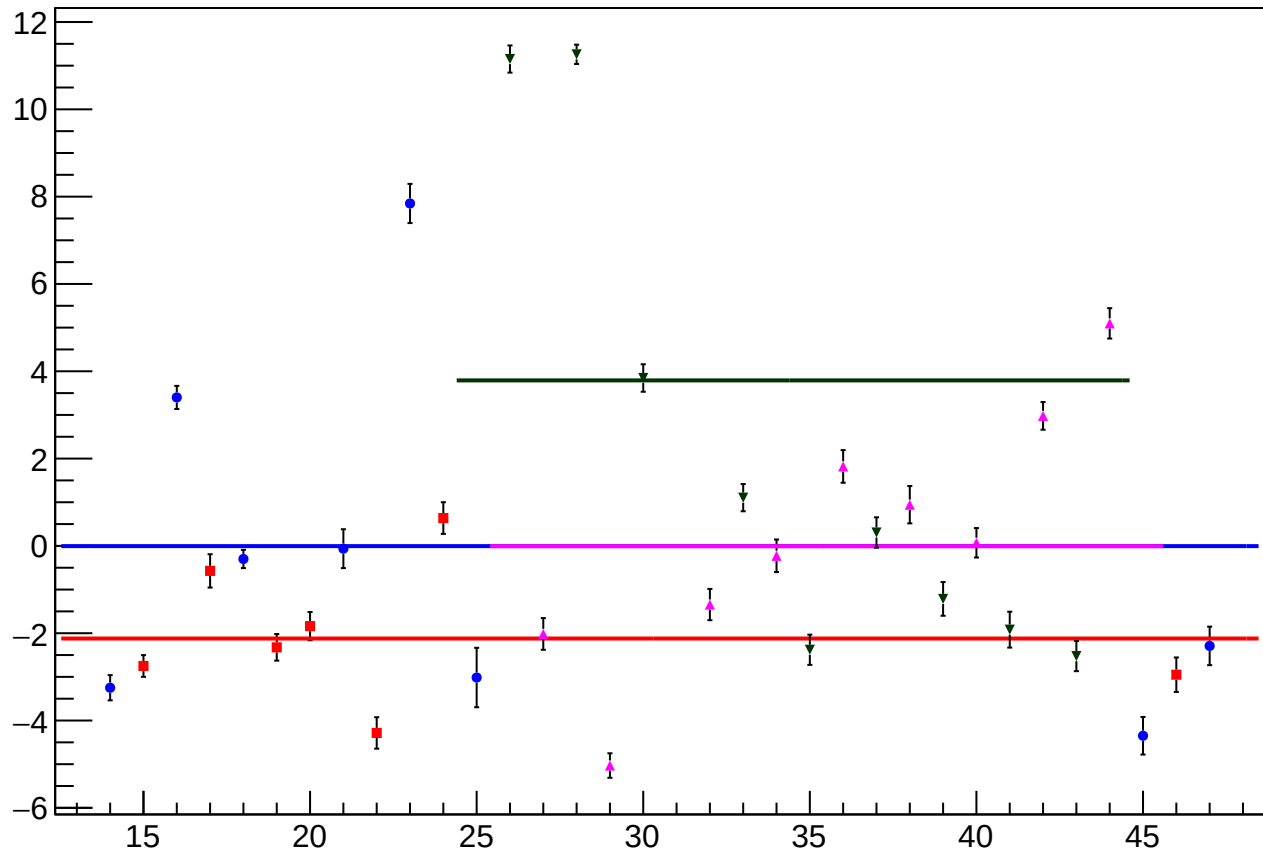
Left Out: 54.857+/-0.602 χ^2/NDF : 733.3/8

Right Out: 3.872+/-0.713 χ^2/NDF : 1074.9/6

Left In: -48.311+/-0.562 χ^2/NDF : 400.4/8

0.372+/-0.315 χ^2/NDF : 19435.3/32

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: -0.005 ± 0.118 χ^2/NDF : 747.8/7

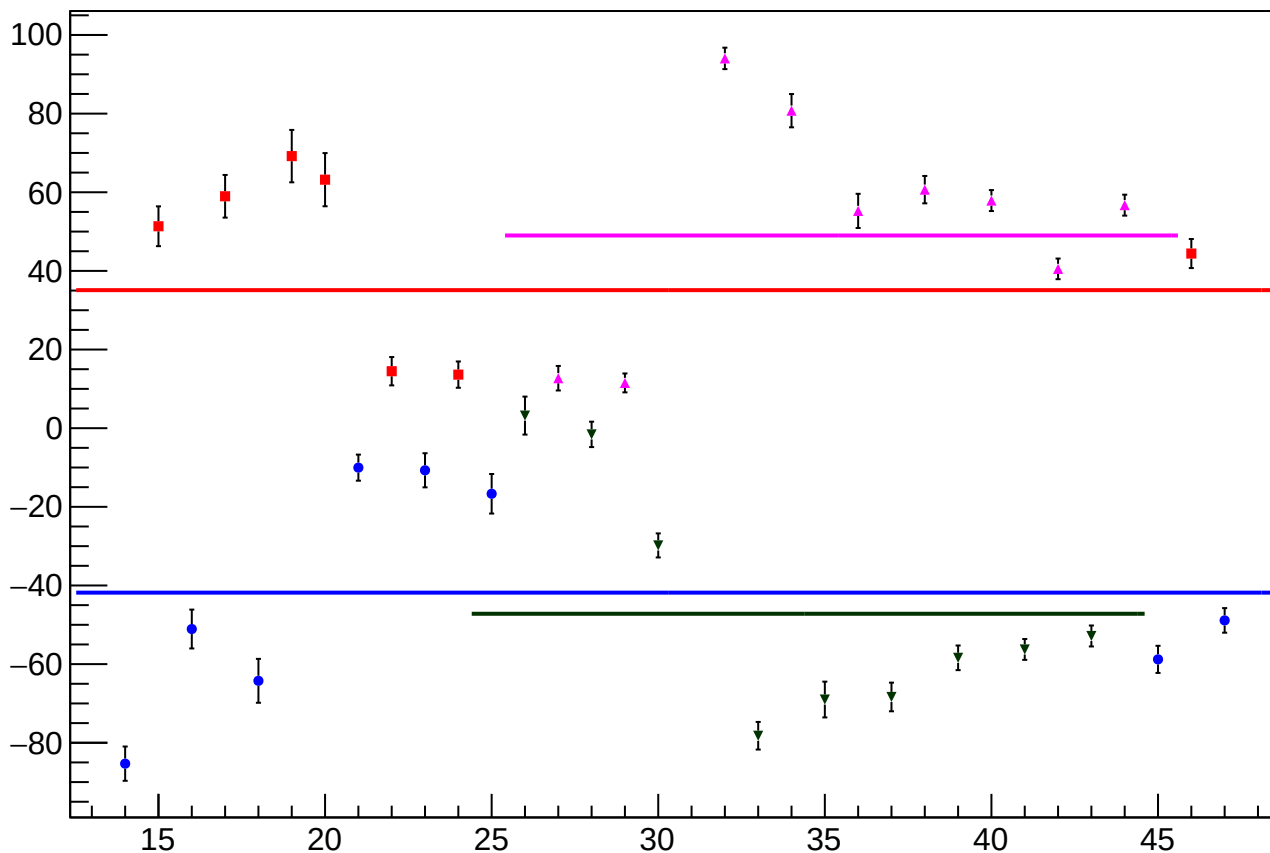
Left Out: 3.791 ± 0.106 χ^2/NDF : 2883.5/8

Right Out: -2.122 ± 0.124 χ^2/NDF : 122.4/6

Left In: -0.006 ± 0.116 χ^2/NDF : 698.3/8

0.657 ± 0.058 χ^2/NDF : 5890.2/32

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -41.822 ± 1.420 χ^2/NDF : 316.9/7

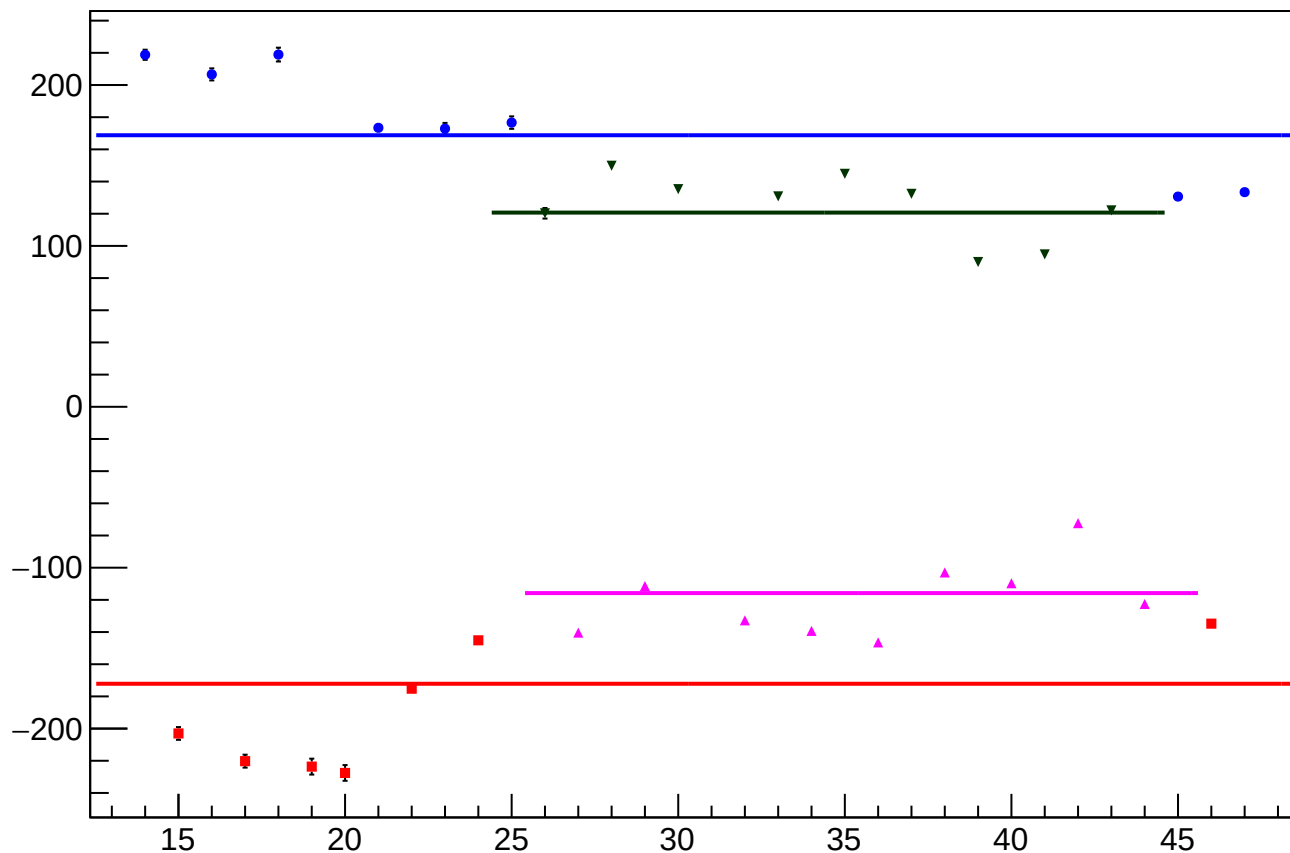
Left Out: -47.193 ± 1.094 χ^2/NDF : 504.1/8

Right Out: 35.107 ± 1.673 χ^2/NDF : 153.5/6

Left In: 49.009 ± 0.986 χ^2/NDF : 751.0/8

1.027 ± 0.607 χ^2/NDF : 7359.9/32

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 168.780+/-1.092 χ^2/NDF : 935.6/7

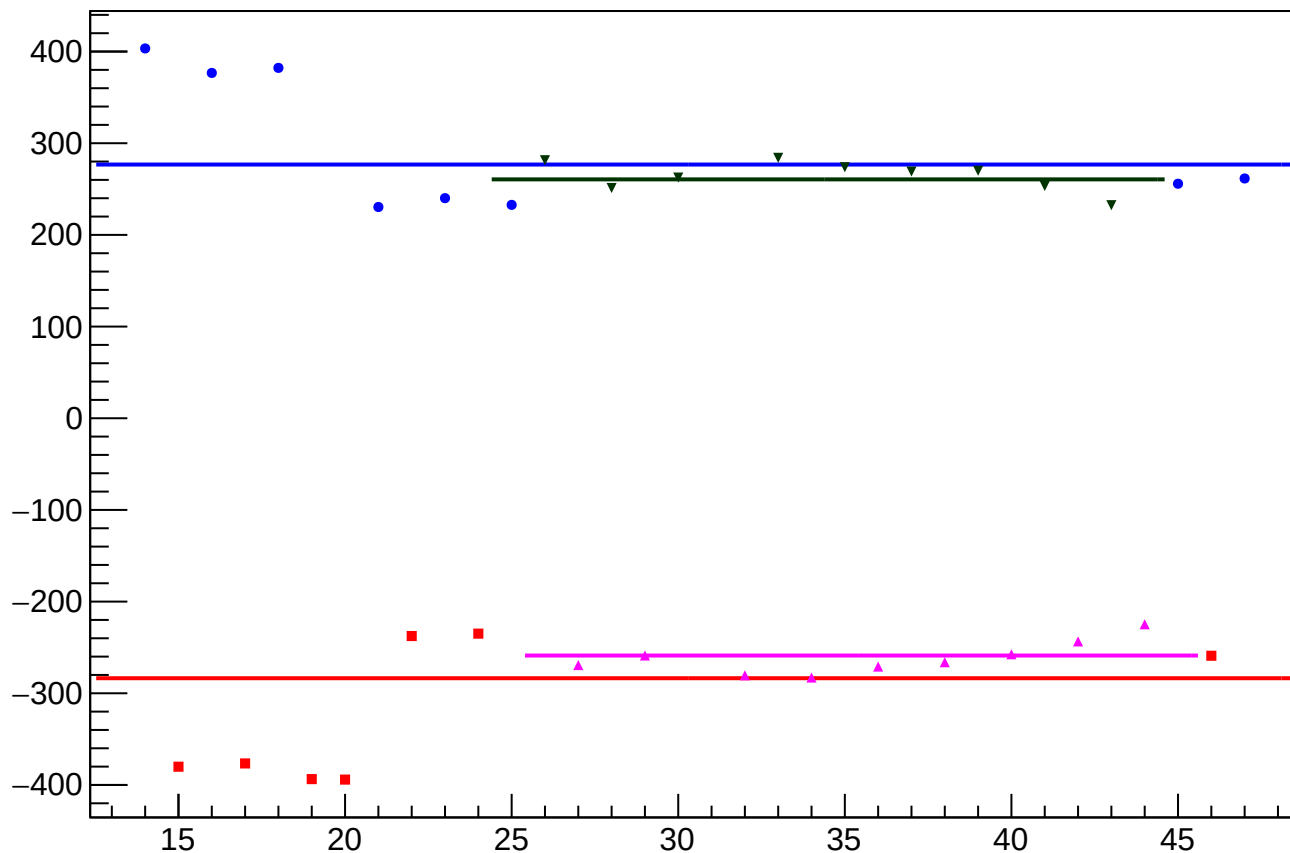
Left Out: 120.704+/-0.817 χ^2/NDF : 639.7/8

Right Out: -172.138+/-1.264 χ^2/NDF : 756.1/6

Left In: -115.783+/-0.721 χ^2/NDF : 983.2/8

-1.600+/-0.452 χ^2/NDF : 93354.8/32

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 276.740 ± 0.249 $\chi^2/\text{NDF}: 56002.8/7$

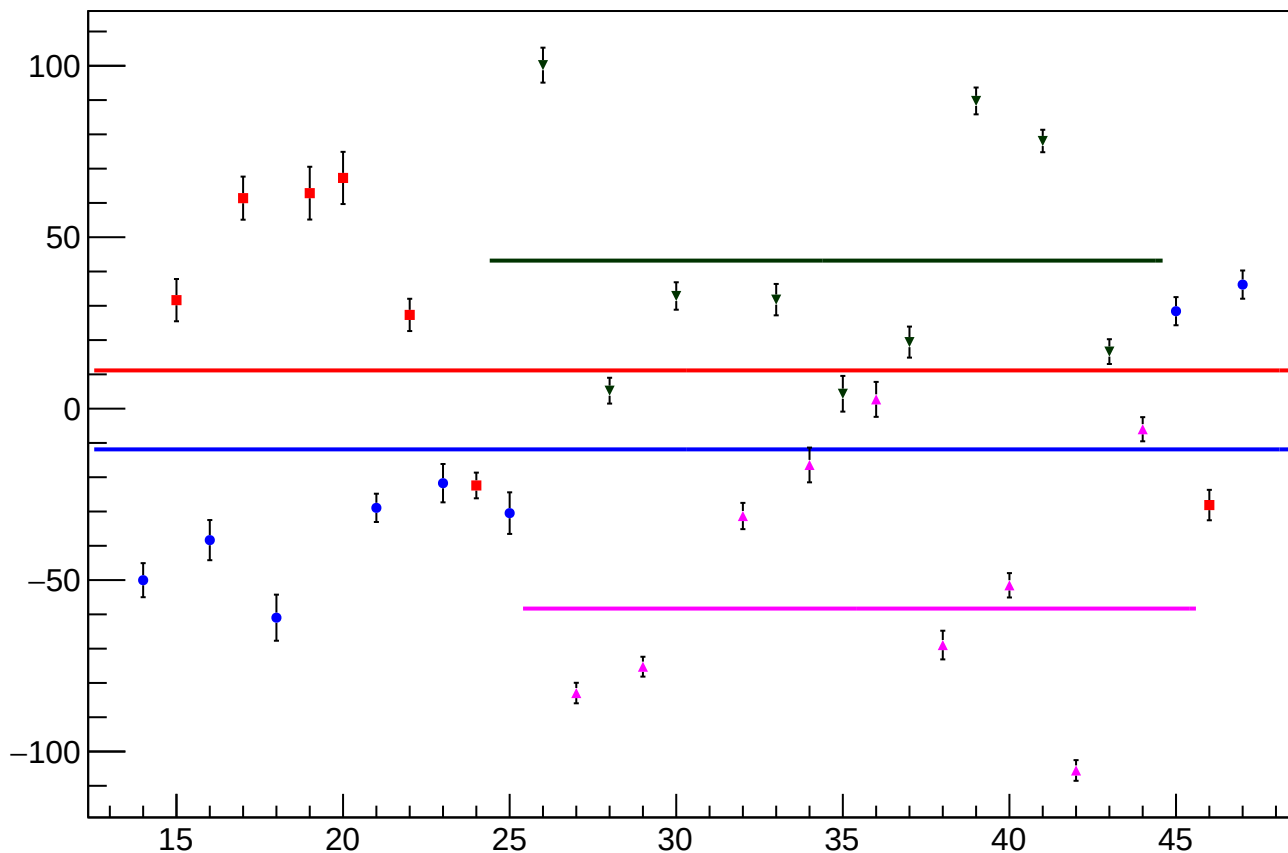
Left Out: 260.566 ± 0.183 $\chi^2/\text{NDF}: 7890.4/8$

Right Out: -283.586 ± 0.297 $\chi^2/\text{NDF}: 44751.2/6$

Left In: -258.829 ± 0.170 $\chi^2/\text{NDF}: 11543.7/8$

0.505 ± 0.104 $\chi^2/\text{NDF}: 6606760.0/32$

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: -11.880 ± 1.746 $\chi^2/\text{NDF}: 395.0/7$

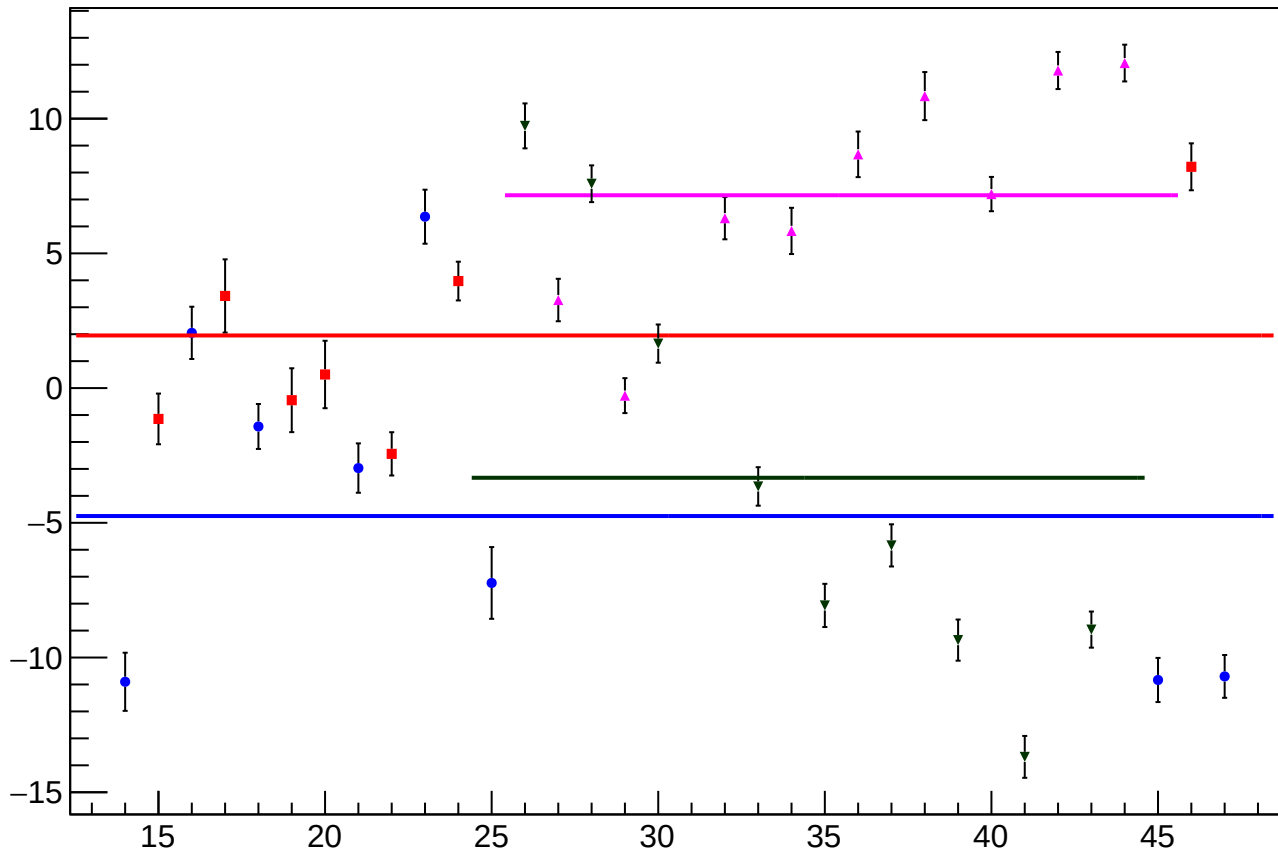
Left Out: 43.180 ± 1.361 $\chi^2/\text{NDF}: 631.7/8$

Right Out: 11.151 ± 1.988 $\chi^2/\text{NDF}: 344.8/6$

Left In: -58.309 ± 1.192 $\chi^2/\text{NDF}: 839.2/8$

-10.295 ± 0.740 $\chi^2/\text{NDF}: 5493.8/32$

reg_asym_sam6_diff_bpm11X_slope vs slug



Right In: -4.748 ± 0.330 χ^2/NDF : 339.0/7

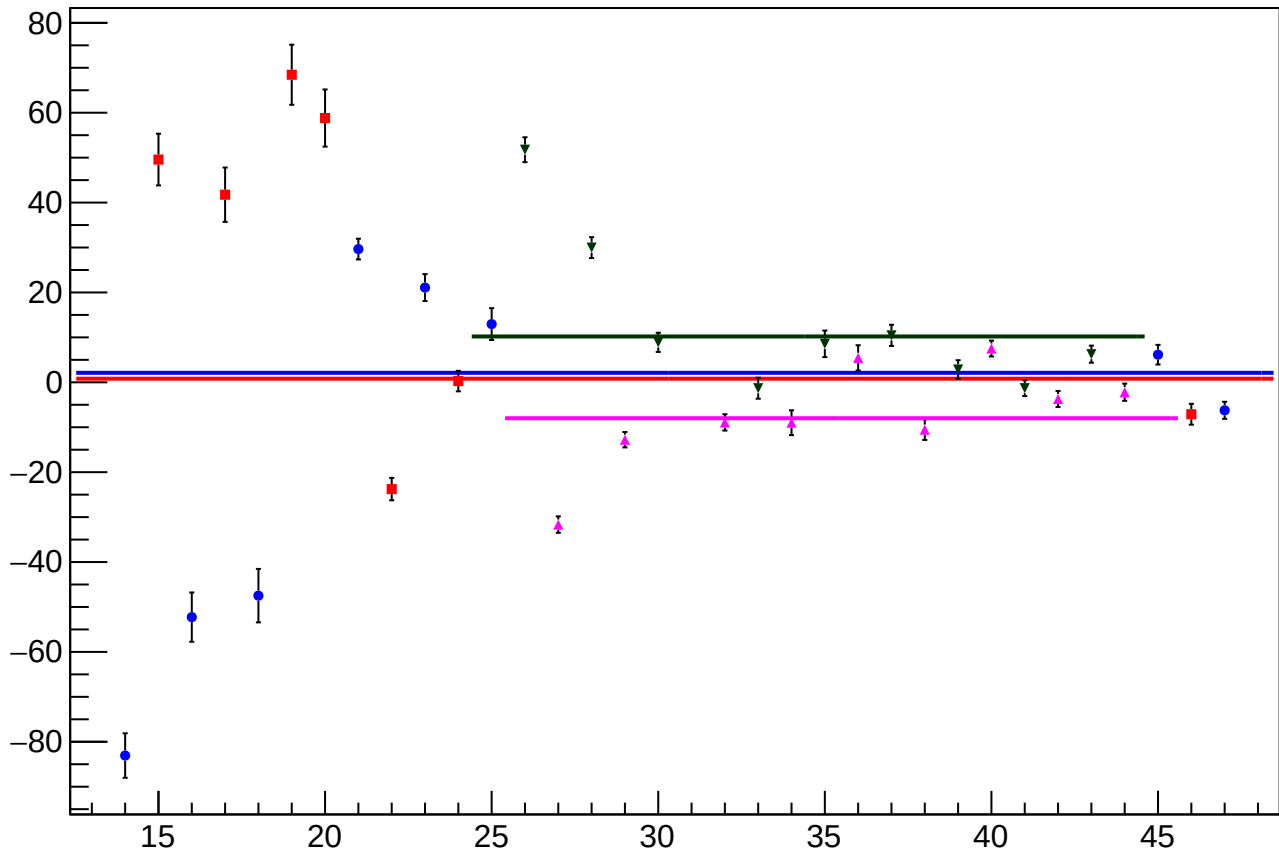
Left Out: -3.328 ± 0.248 χ^2/NDF : 906.6/8

Right Out: 1.953 ± 0.357 χ^2/NDF : 106.9/6

Left In: 7.157 ± 0.247 χ^2/NDF : 276.6/8

0.691 ± 0.142 χ^2/NDF : 2860.5/32

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: 2.114 ± 1.016 χ^2/NDF : 678.0/7

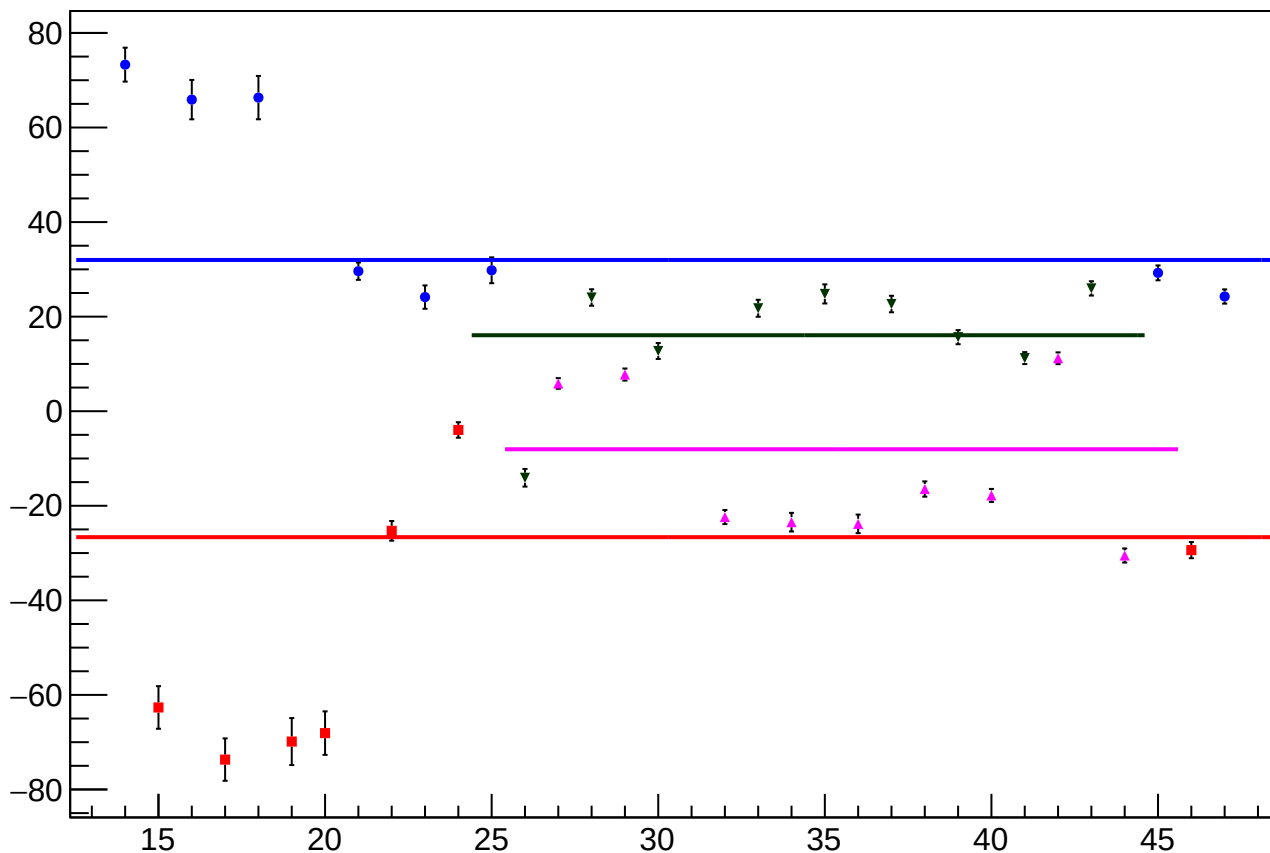
Left Out: 10.204 ± 0.735 χ^2/NDF : 382.8/8

Right Out: 0.811 ± 1.246 χ^2/NDF : 412.1/6

Left In: -7.990 ± 0.660 χ^2/NDF : 291.3/8

0.536 ± 0.417 χ^2/NDF : 2106.5/32

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 31.989 ± 0.785 $\chi^2/\text{NDF}: 296.6/7$

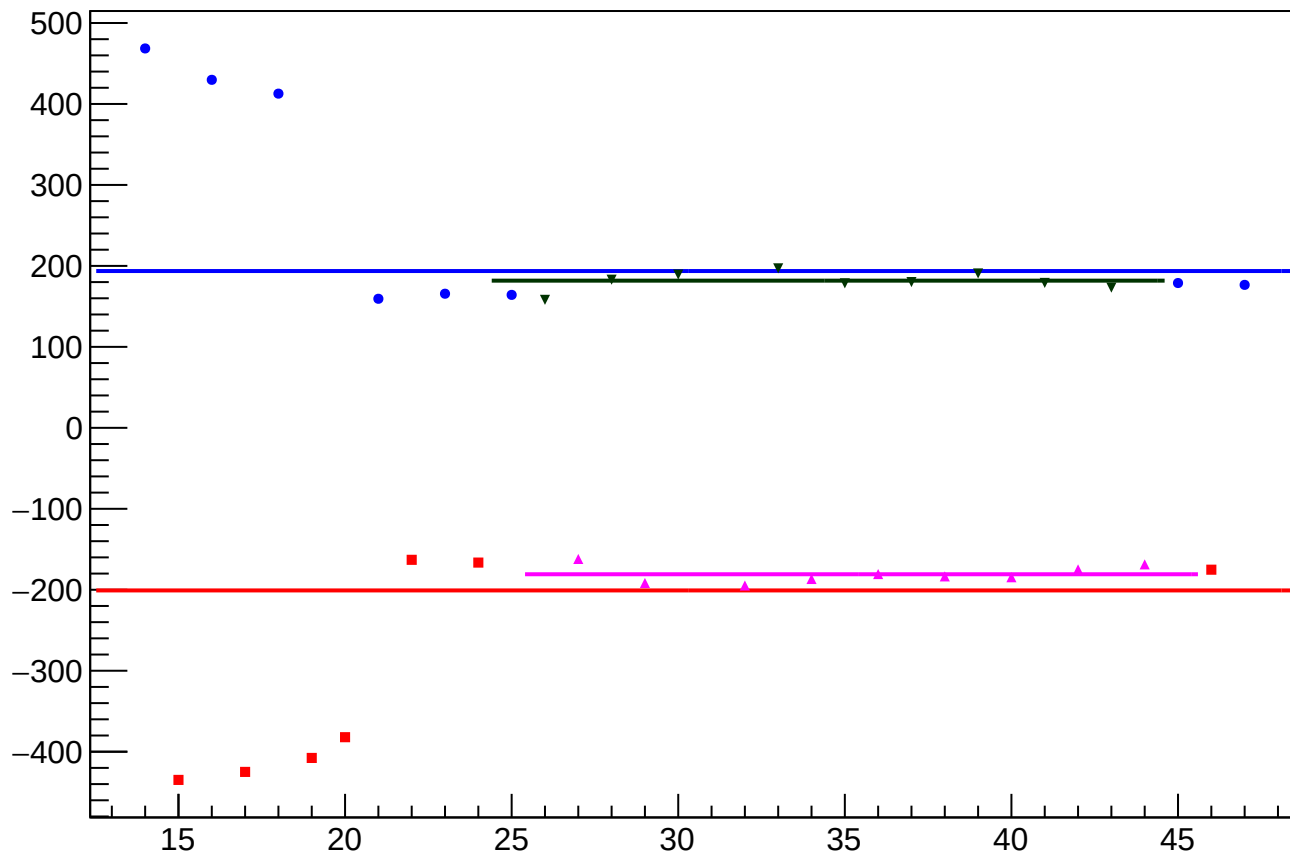
Left Out: 16.069 ± 0.546 $\chi^2/\text{NDF}: 386.1/8$

Right Out: -26.638 ± 0.940 $\chi^2/\text{NDF}: 525.4/6$

Left In: -8.048 ± 0.478 $\chi^2/\text{NDF}: 1067.9/8$

3.865 ± 0.309 $\chi^2/\text{NDF}: 5735.4/32$

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 193.660 ± 0.174 $\chi^2/\text{NDF}: 184151.9/7$

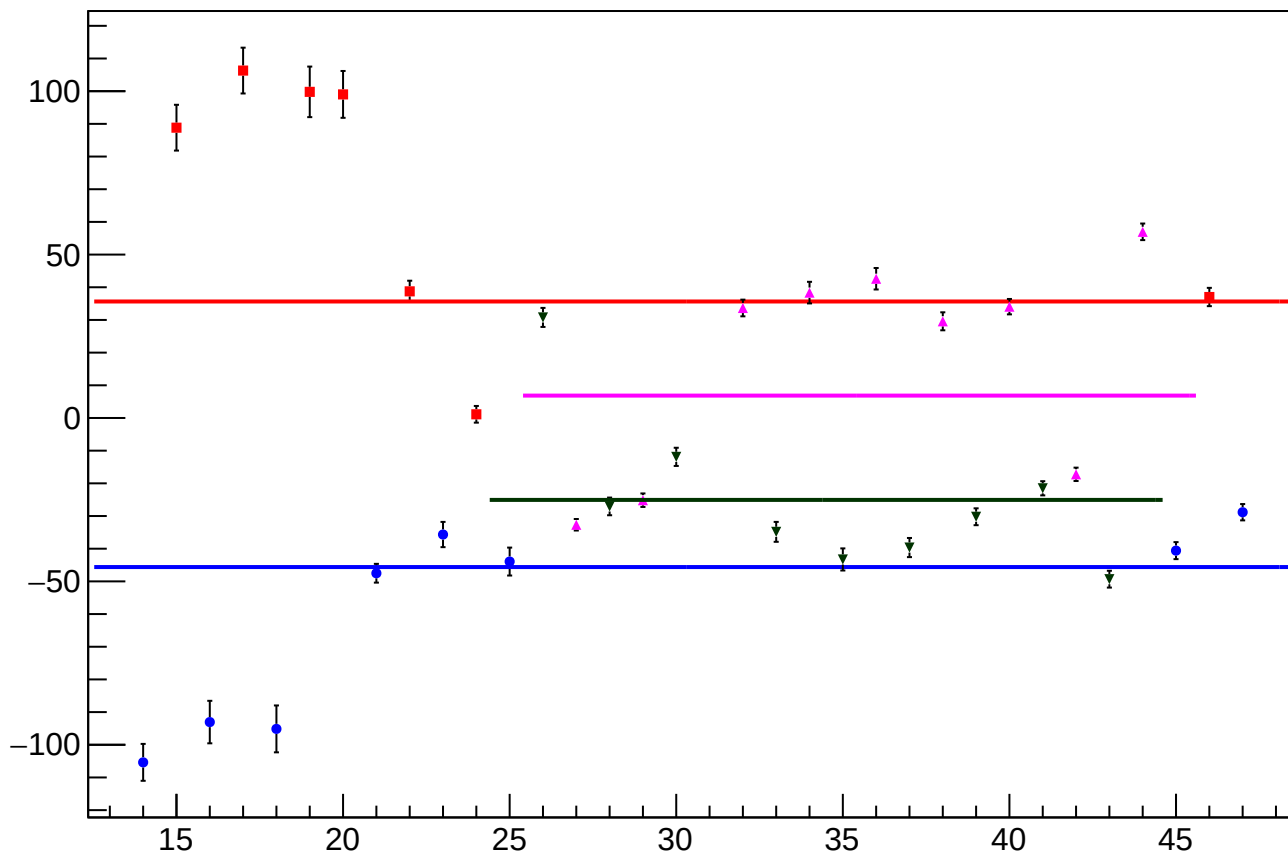
Left Out: 181.782 ± 0.123 $\chi^2/\text{NDF}: 6553.1/8$

Right Out: -200.811 ± 0.215 $\chi^2/\text{NDF}: 146526.0/6$

Left In: -180.835 ± 0.114 $\chi^2/\text{NDF}: 8962.0/8$

0.290 ± 0.071 $\chi^2/\text{NDF}: 7174896.3/32$

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -45.616 ± 1.265 $\chi^2/\text{NDF}: 269.0/7$

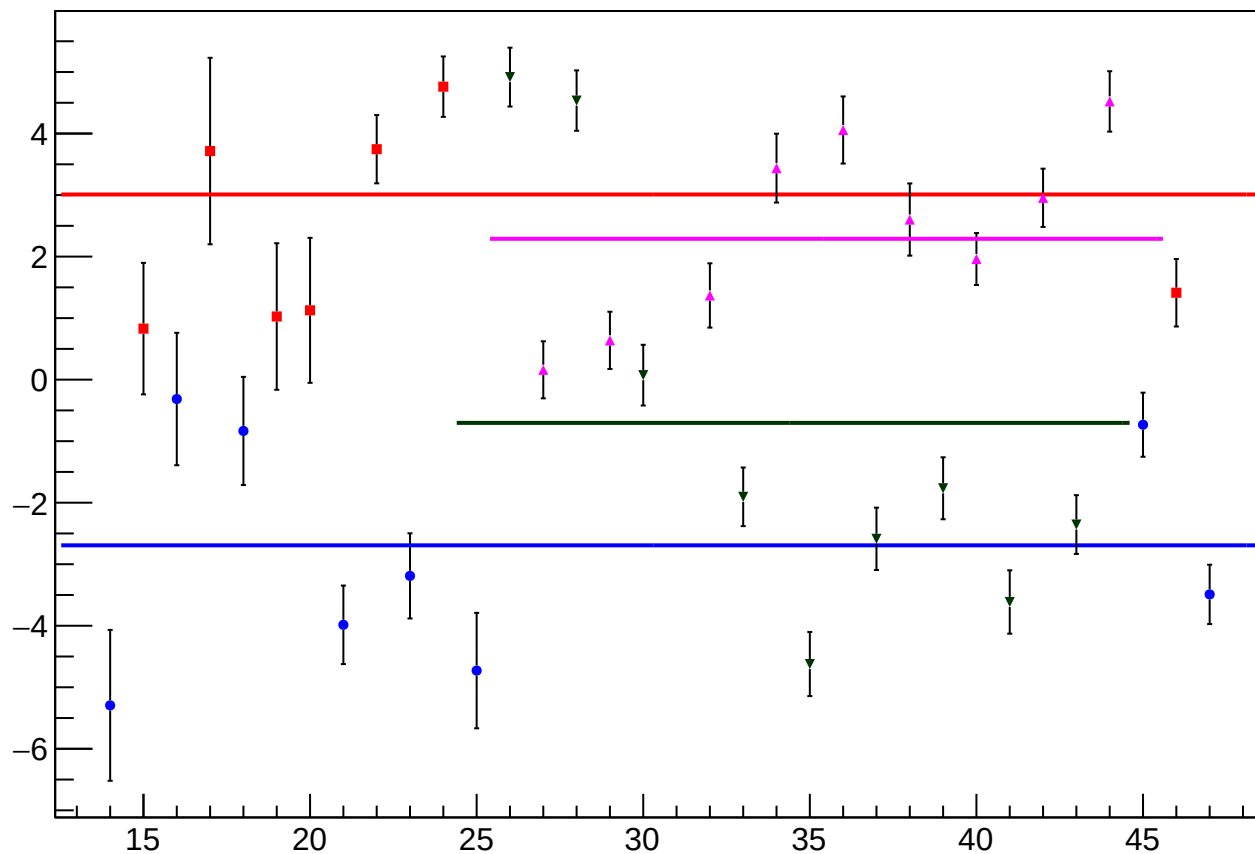
Left Out: -25.070 ± 0.909 $\chi^2/\text{NDF}: 550.5/8$

Right Out: 35.648 ± 1.487 $\chi^2/\text{NDF}: 490.2/6$

Left In: 6.850 ± 0.790 $\chi^2/\text{NDF}: 1794.2/8$

-8.166 ± 0.507 $\chi^2/\text{NDF}: 5555.5/32$

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -2.693 ± 0.246 $\chi^2/\text{NDF}: 40.1/7$

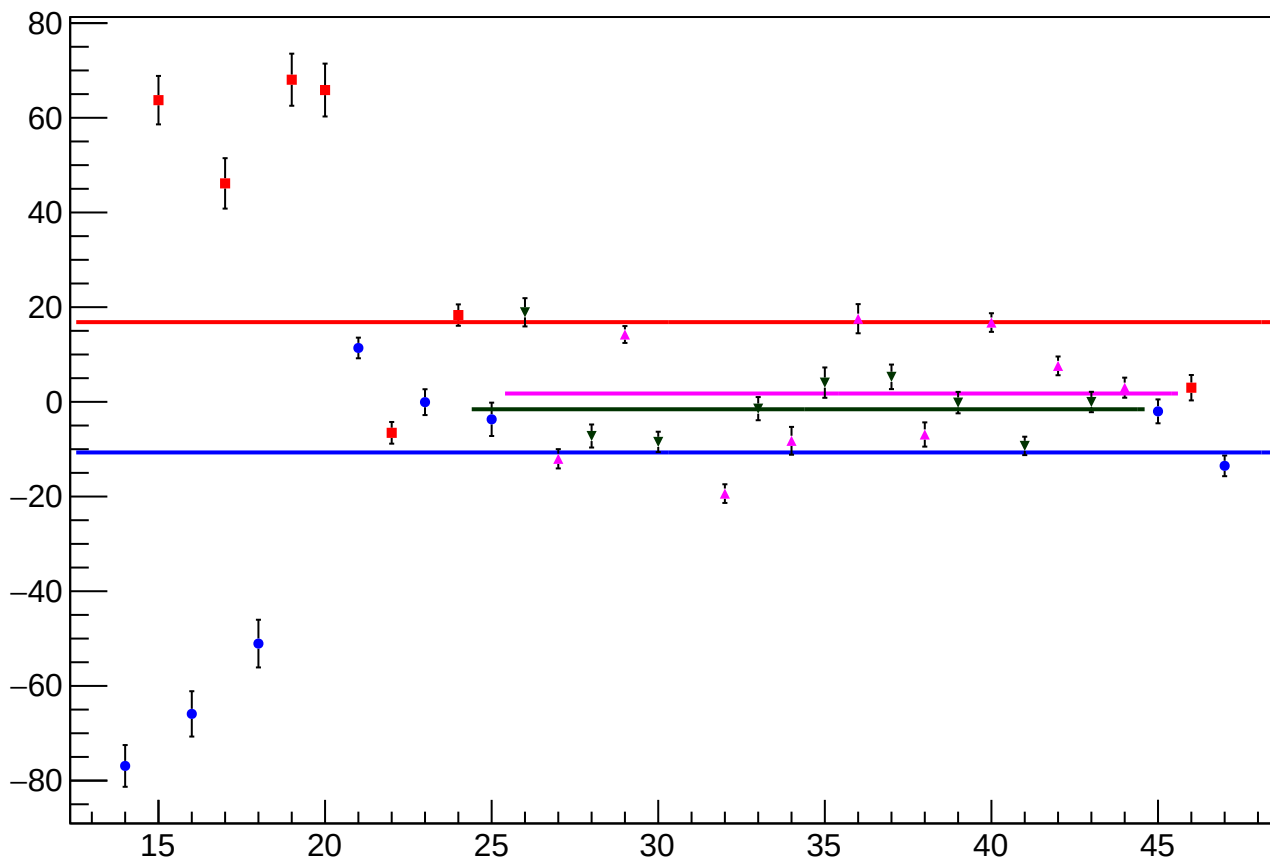
Left Out: -0.703 ± 0.165 $\chi^2/\text{NDF}: 379.5/8$

Right Out: 3.010 ± 0.273 $\chi^2/\text{NDF}: 32.7/6$

Left In: 2.289 ± 0.165 $\chi^2/\text{NDF}: 75.1/8$

0.524 ± 0.098 $\chi^2/\text{NDF}: 950.3/32$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -10.687 ± 1.040 χ^2/NDF : 557.7/7

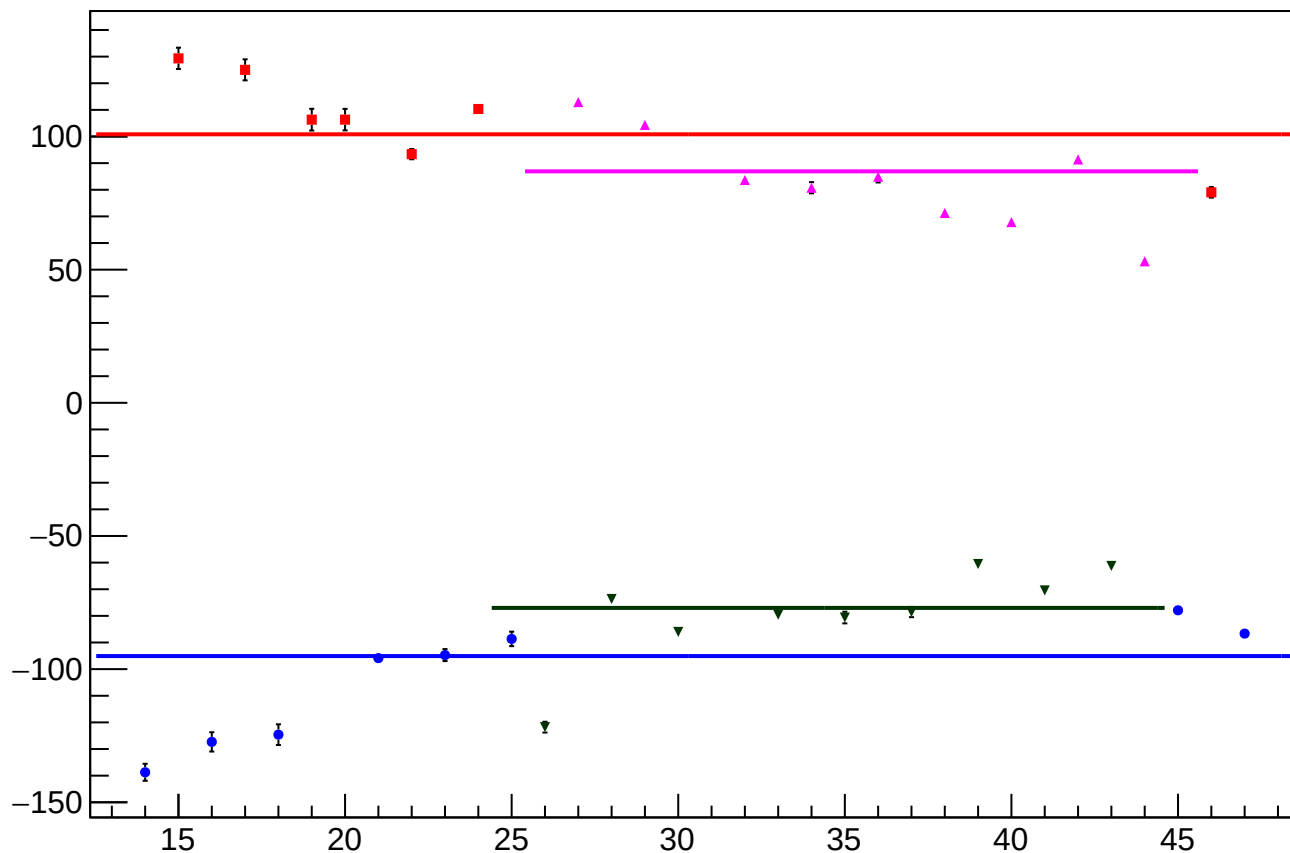
Left Out: -1.565 ± 0.794 χ^2/NDF : 89.6/8

Right Out: 16.838 ± 1.227 χ^2/NDF : 409.2/6

Left In: 1.762 ± 0.721 χ^2/NDF : 326.0/8

0.431 ± 0.443 χ^2/NDF : 1685.4/32

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -95.093±/0.805 χ^2/NDF : 442.3/7

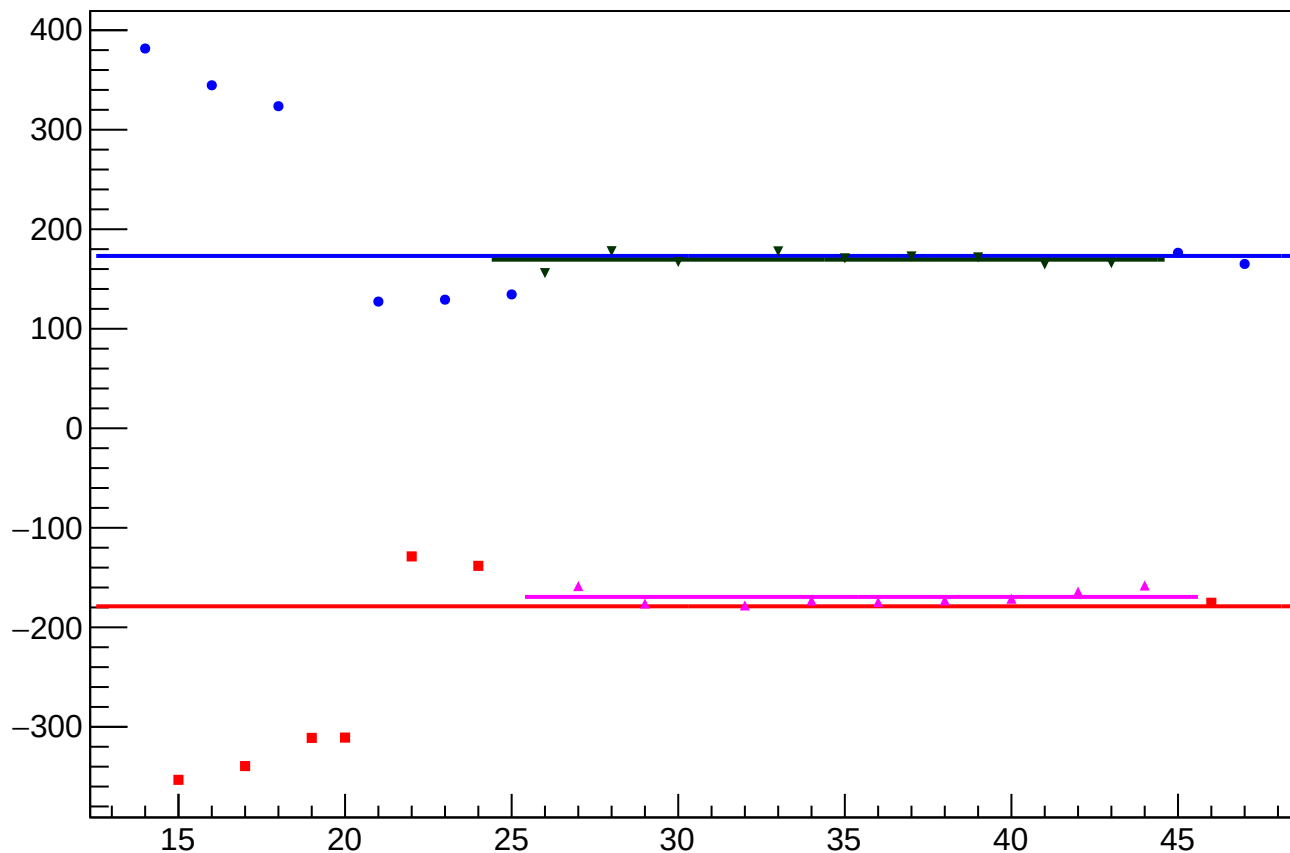
Left Out: -77.011±/0.590 χ^2/NDF : 732.4/8

Right Out: 100.826±/0.930 χ^2/NDF : 262.8/6

Left In: 86.926±/0.524 χ^2/NDF : 1272.9/8

7.045±/0.330 χ^2/NDF : 72479.1/32

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 173.182 ± 0.180 $\chi^2/\text{NDF}: 144663.2/7$

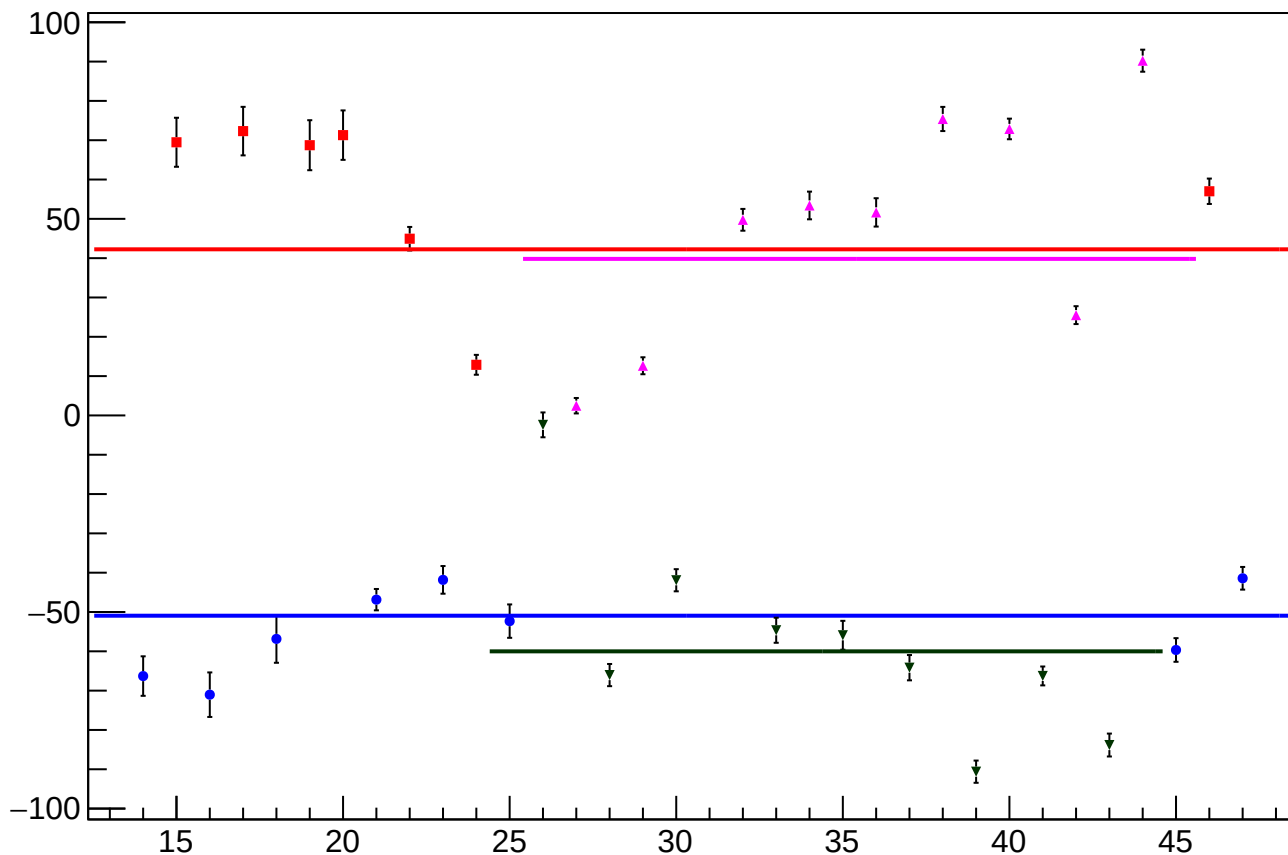
Left Out: 169.432 ± 0.133 $\chi^2/\text{NDF}: 2111.0/8$

Right Out: -178.887 ± 0.216 $\chi^2/\text{NDF}: 109866.7/6$

Left In: -169.441 ± 0.124 $\chi^2/\text{NDF}: 3580.2/8$

0.724 ± 0.076 $\chi^2/\text{NDF}: 5365837.1/32$

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -50.943 ± 1.290 χ^2/NDF : 51.2/7

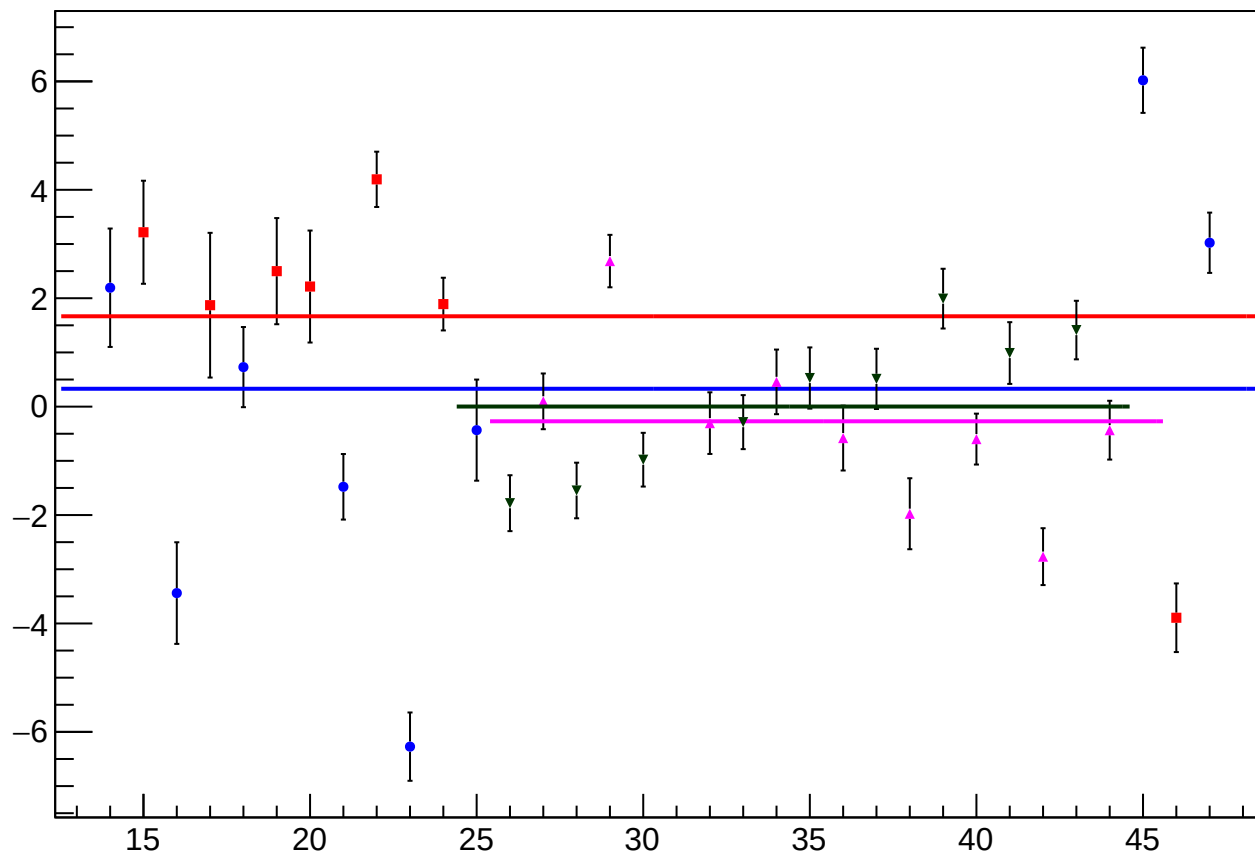
Left Out: -60.008 ± 0.982 χ^2/NDF : 574.8/8

Right Out: 42.251 ± 1.465 χ^2/NDF : 238.2/6

Left In: 39.813 ± 0.866 χ^2/NDF : 1214.8/8

-5.835 ± 0.539 χ^2/NDF : 10202.8/32

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: 0.330 ± 0.248 χ^2/NDF : 251.7/7

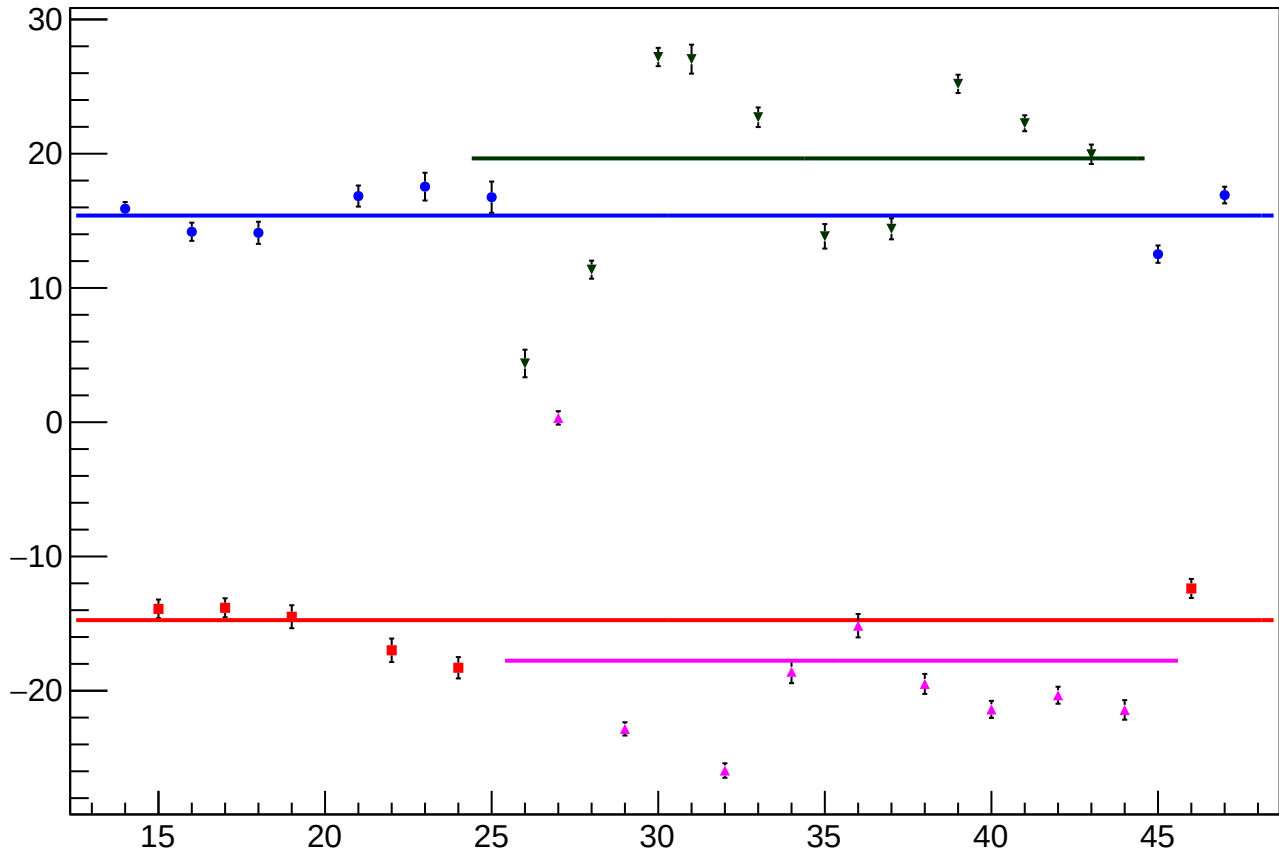
Left Out: 0.002 ± 0.177 χ^2/NDF : 49.9/8

Right Out: 1.667 ± 0.265 χ^2/NDF : 105.6/6

Left In: -0.270 ± 0.181 χ^2/NDF : 69.6/8

0.224 ± 0.104 χ^2/NDF : 515.7/32

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 15.394+/-0.251 χ^2/NDF : 41.5/7

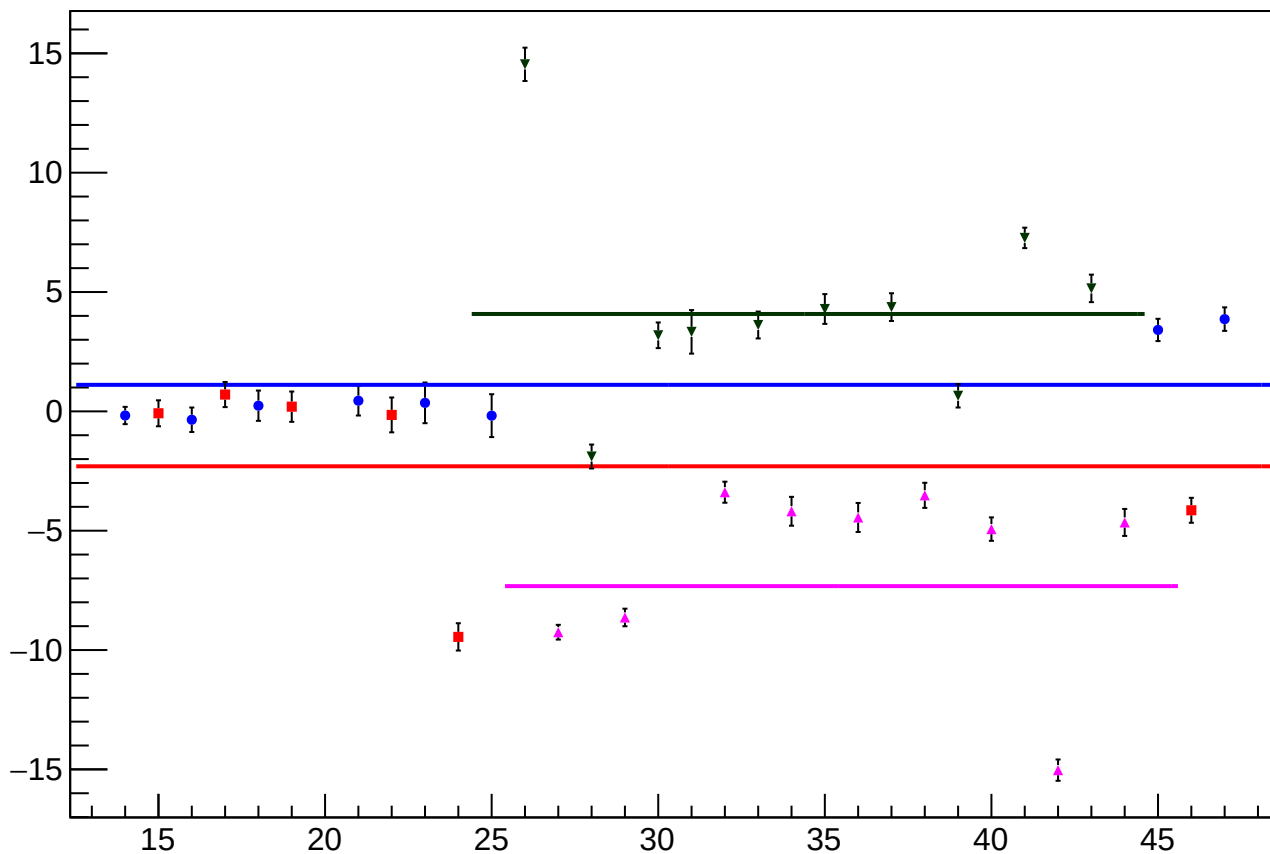
Left Out: 19.649+/-0.237 χ^2/NDF : 731.4/9

Right Out: -14.742+/-0.312 χ^2/NDF : 40.7/5

Left In: -17.765+/-0.209 χ^2/NDF : 1728.2/8

0.532+/-0.122 χ^2/NDF : 22616.9/32

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: 1.111 $\pm$ 0.190 χ^2 /NDF: 82.1/7

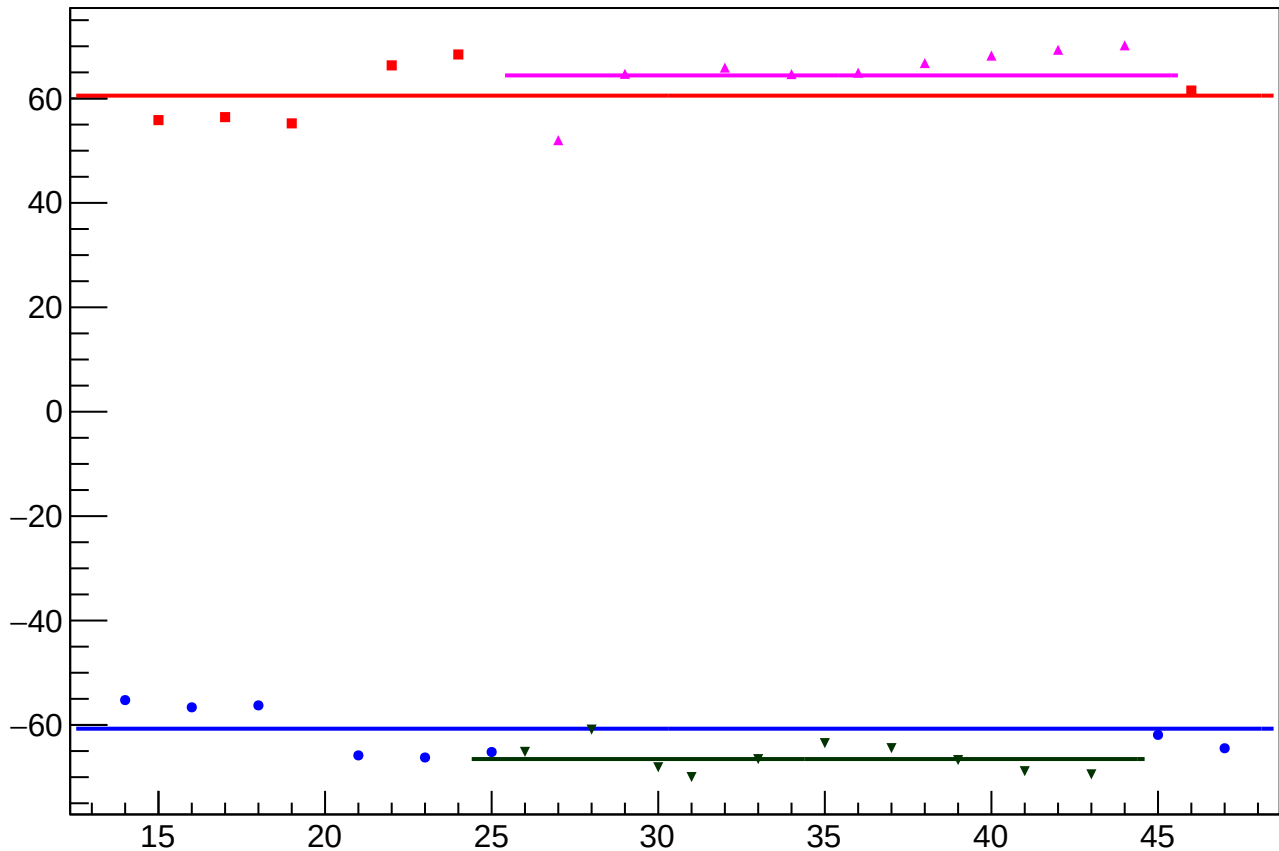
Left Out: 4.080 $\pm$ 0.177 χ^2 /NDF: 478.1/9

Right Out: -2.302 $\pm$ 0.235 χ^2 /NDF: 242.0/5

Left In: -7.322 $\pm$ 0.150 χ^2 /NDF: 577.1/8

-1.676 $\pm$ 0.090 χ^2 /NDF: 4075.8/32

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -60.717 ± 0.045 χ^2/NDF : 9151.3/7

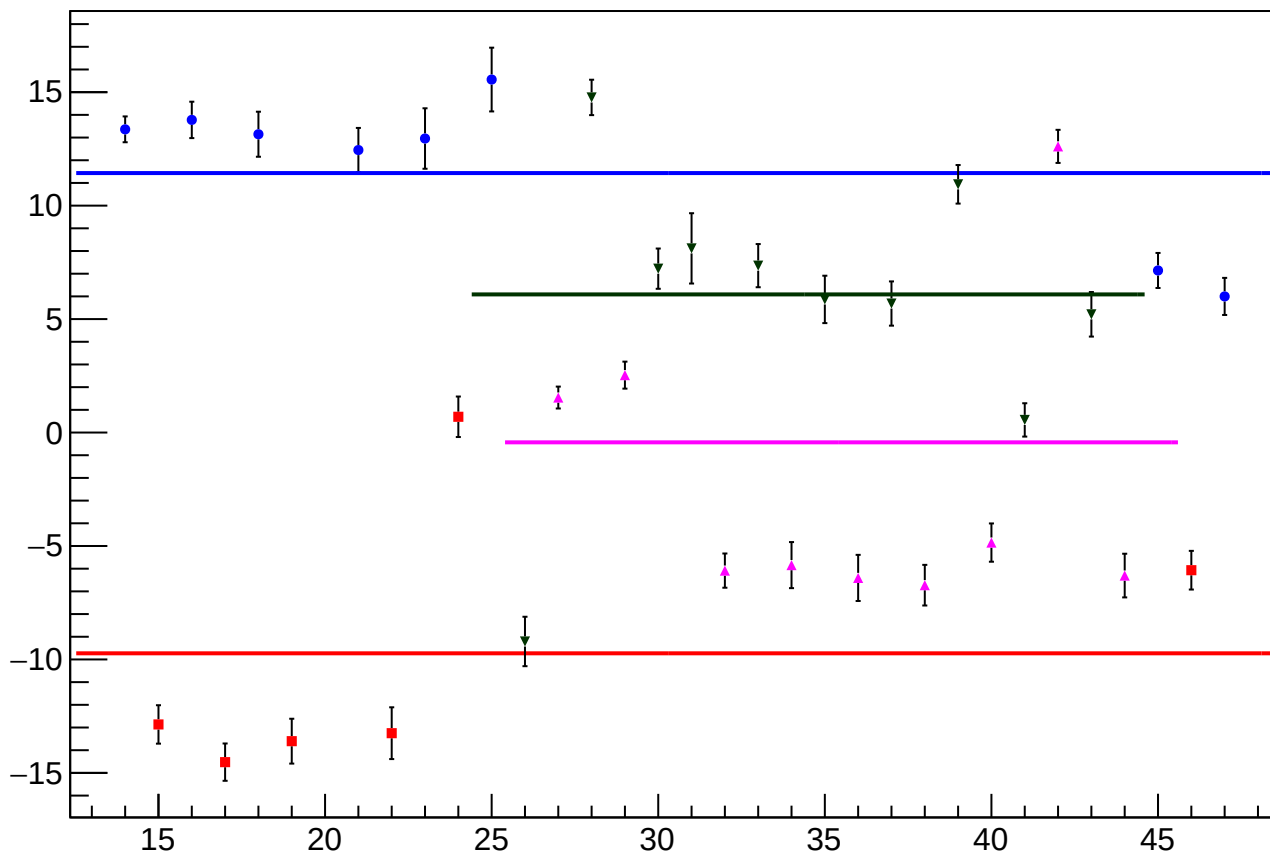
Left Out: -66.529 ± 0.039 χ^2/NDF : 4841.9/9

Right Out: 60.546 ± 0.056 χ^2/NDF : 7288.1/5

Left In: 64.419 ± 0.036 χ^2/NDF : 25021.8/8

-2.030 ± 0.021 χ^2/NDF : 9089674.9/32

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 11.435 ± 0.302 $\chi^2/\text{NDF}: 109.1/7$

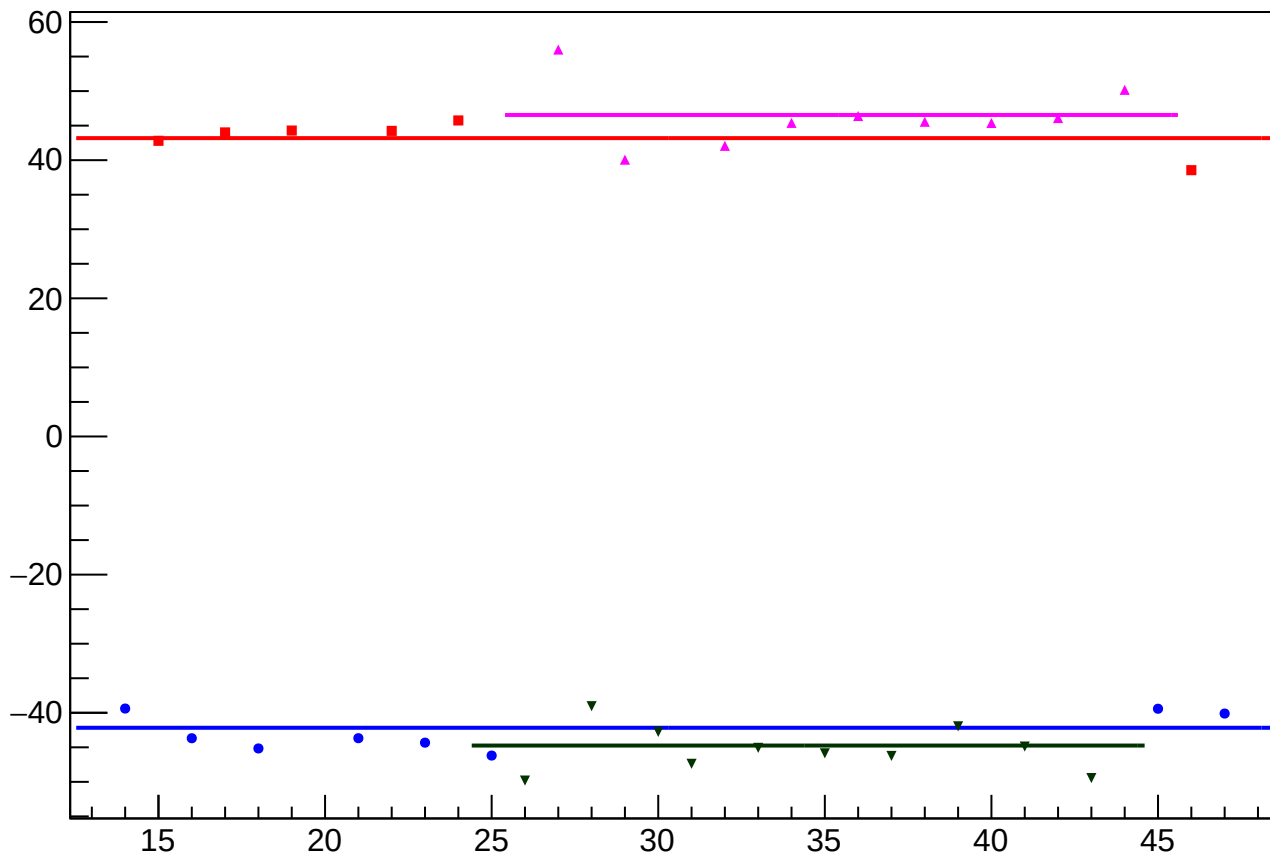
Left Out: 6.087 ± 0.295 $\chi^2/\text{NDF}: 416.6/9$

Right Out: -9.730 ± 0.370 $\chi^2/\text{NDF}: 227.6/5$

Left In: -0.432 ± 0.247 $\chi^2/\text{NDF}: 594.6/8$

2.538 ± 0.147 $\chi^2/\text{NDF}: 3603.5/32$

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -42.171 ± 0.057 χ^2/NDF : 1968.2/7

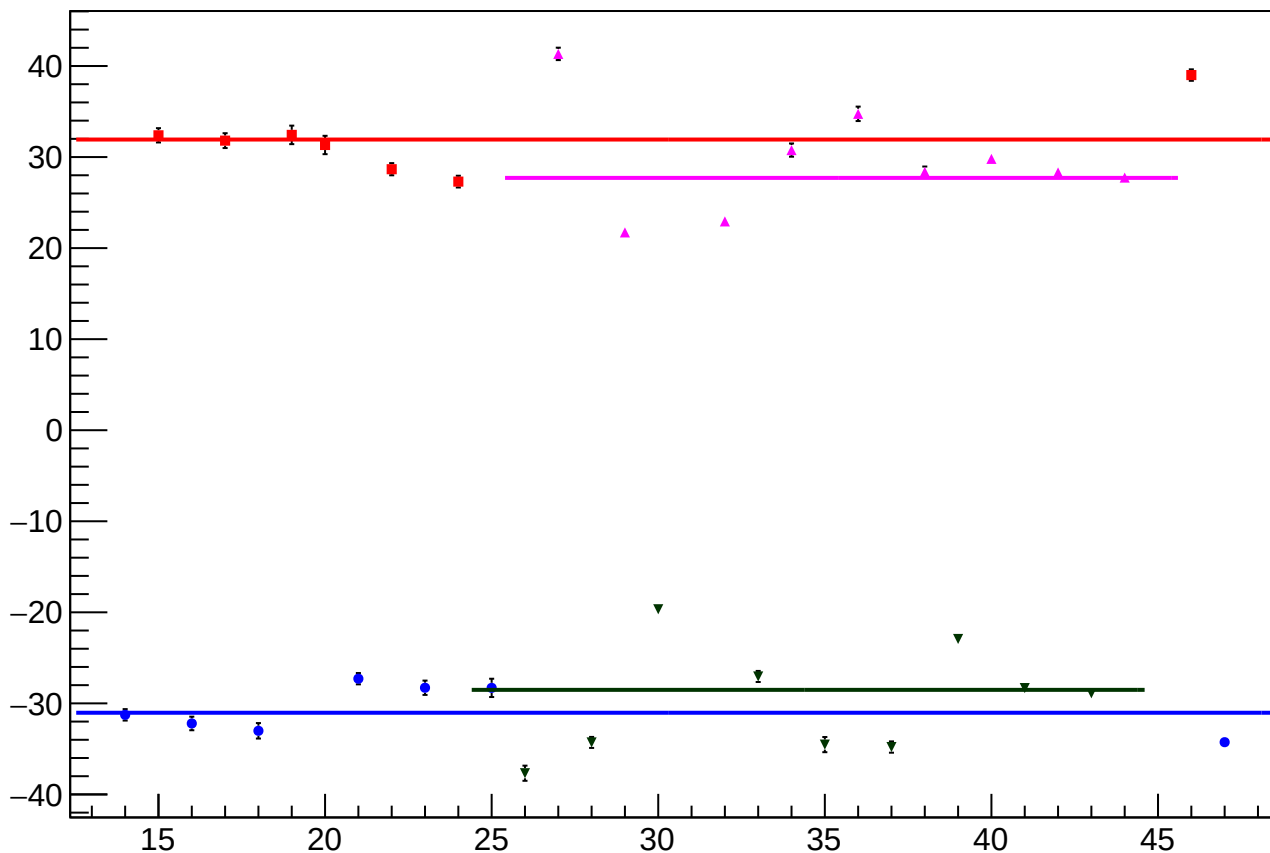
Left Out: -44.743 ± 0.053 χ^2/NDF : 3703.9/9

Right Out: 43.191 ± 0.066 χ^2/NDF : 1102.2/5

Left In: 46.543 ± 0.052 χ^2/NDF : 9214.0/8

-1.572 ± 0.028 χ^2/NDF : 2488129.4/32

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -31.030 ± 0.263 $\chi^2/\text{NDF}: 100.6/6$

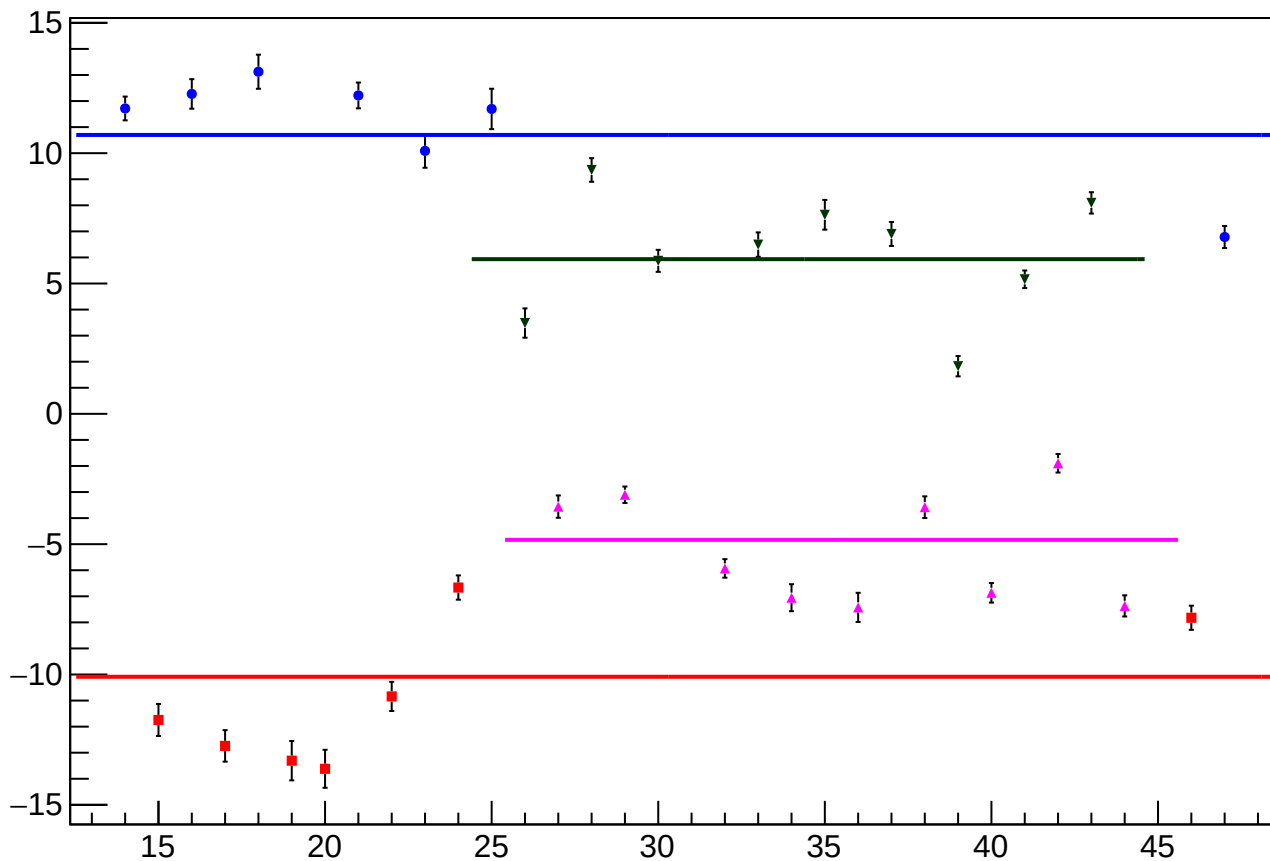
Left Out: -28.516 ± 0.195 $\chi^2/\text{NDF}: 758.8/8$

Right Out: 31.925 ± 0.286 $\chi^2/\text{NDF}: 202.4/6$

Left In: 27.712 ± 0.179 $\chi^2/\text{NDF}: 841.0/8$

0.748 ± 0.109 $\chi^2/\text{NDF}: 73615.2/31$

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 10.700+/-0.204 χ^2/NDF : 123.8/6

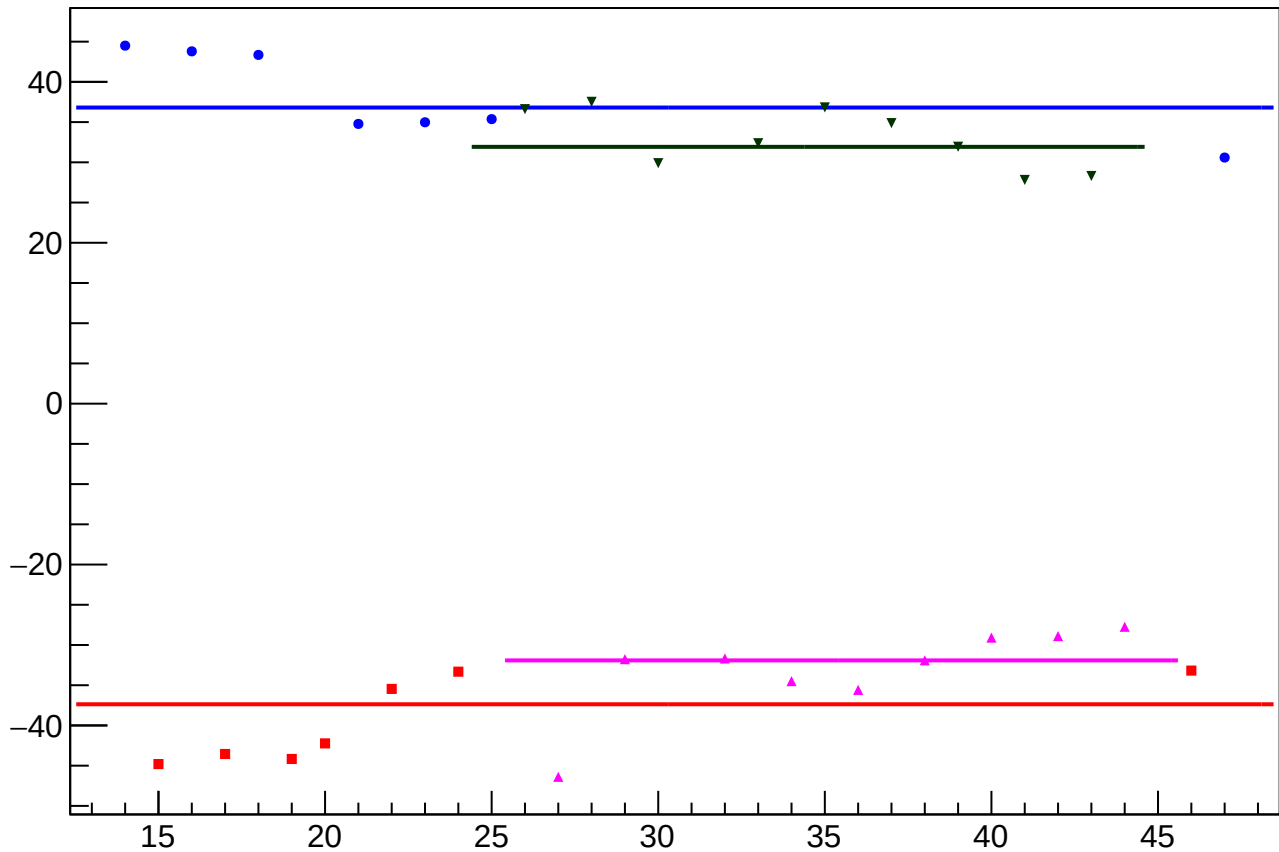
Left Out: 5.934+/-0.145 χ^2/NDF : 234.9/8

0.294+/-0.082 χ^2/NDF : 8658.4/31

Right Out: -10.087+/-0.216 χ^2/NDF : 147.8/6

Left In: -4.834+/-0.132 χ^2/NDF : 234.0/8

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 36.809+/-0.047 χ^2 /NDF: 13314.4/6

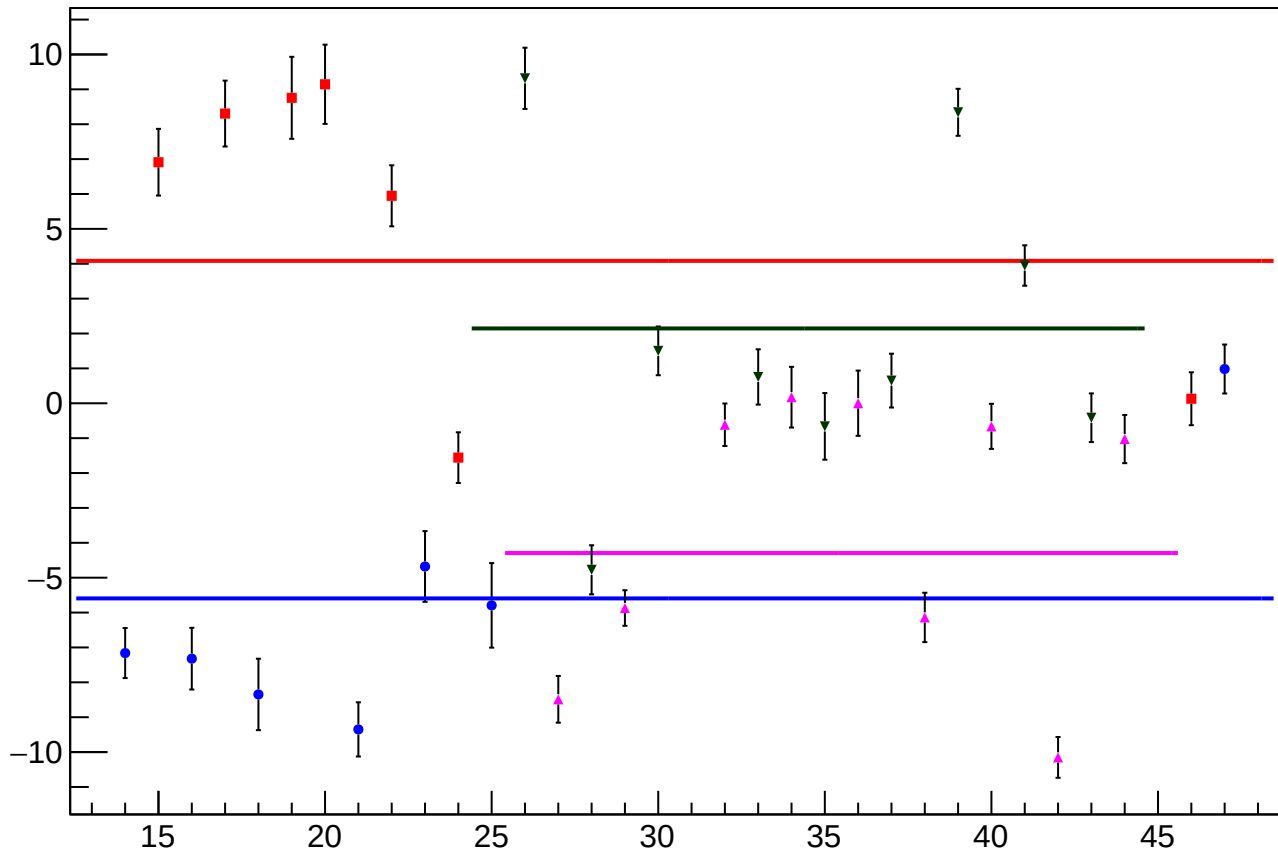
Left Out: 31.923+/-0.033 χ^2 /NDF:10913.1/8

Right Out: -37.368+/-0.051 χ^2 /NDF: 9013.3/6

Left In: -31.913+/-0.031 χ^2 /NDF:20132.9/8

-0.729+/-0.019 χ^2 /NDF: 3244335.3/31

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: -5.594 ± 0.324 $\chi^2/\text{NDF}: 127.8/6$

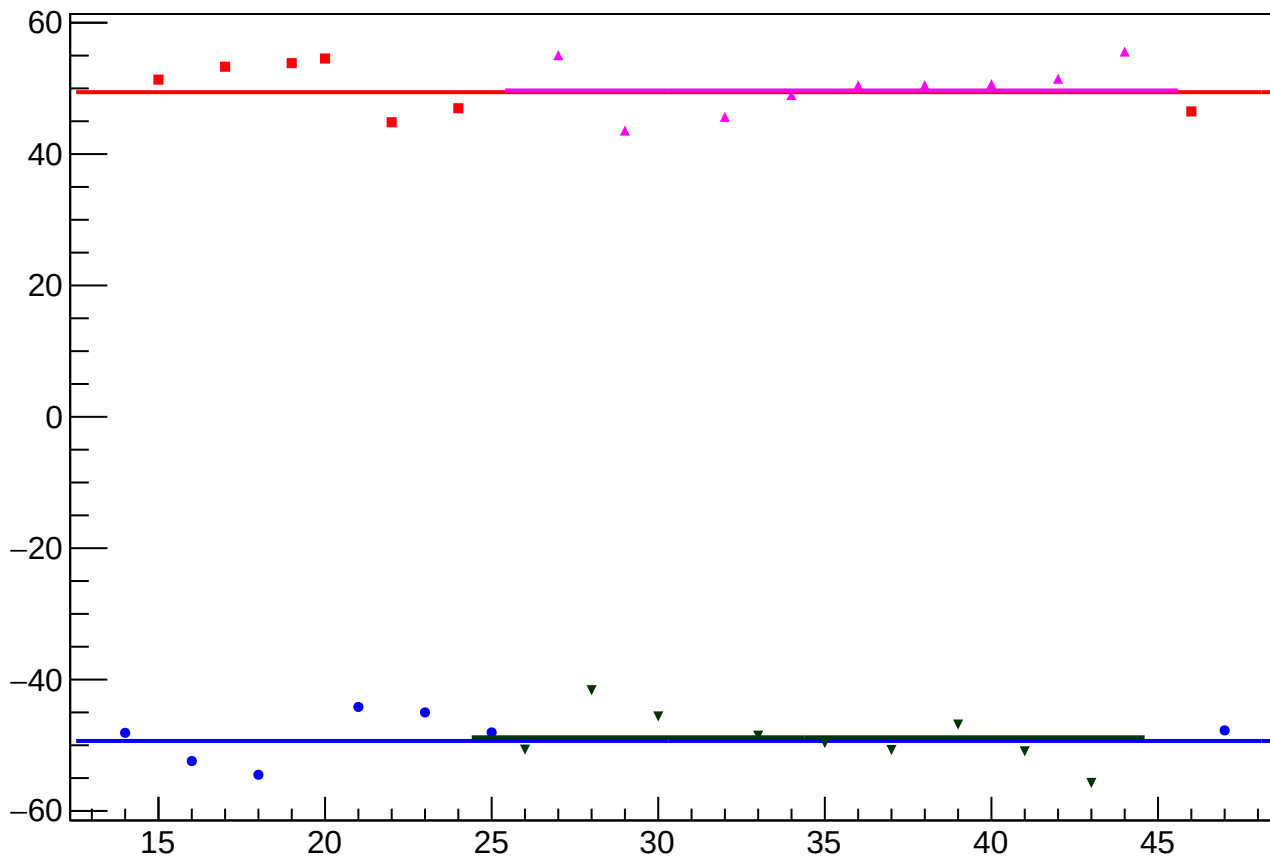
Left Out: 2.145 ± 0.243 $\chi^2/\text{NDF}: 287.5/8$

Right Out: 4.082 ± 0.340 $\chi^2/\text{NDF}: 156.5/6$

Left In: -4.293 ± 0.220 $\chi^2/\text{NDF}: 293.8/8$

-1.256 ± 0.134 $\chi^2/\text{NDF}: 1677.9/31$

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -49.345+/-0.060 χ^2/NDF : 3782.2/6

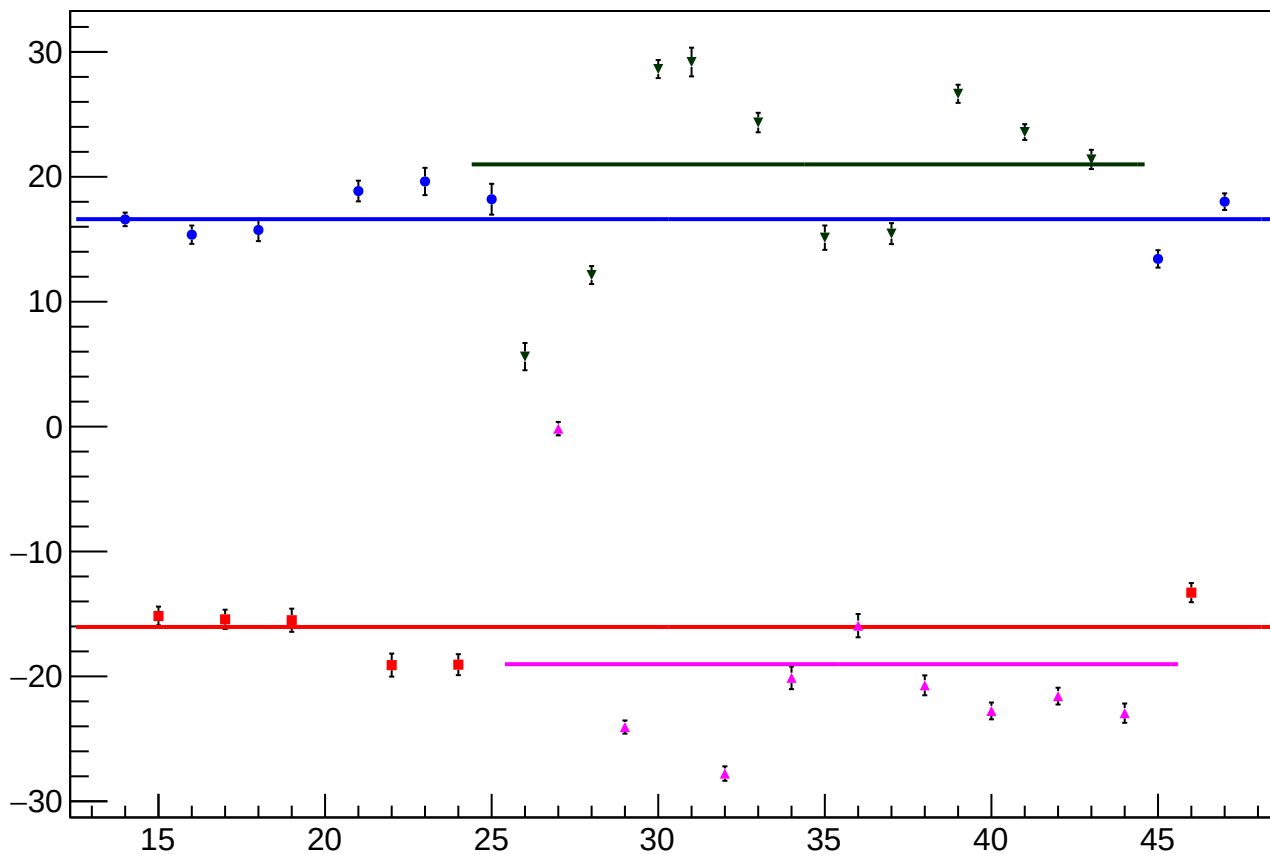
Left Out: -48.791+/-0.044 χ^2/NDF : 7464.7/8

Right Out: 49.427+/-0.061 χ^2/NDF : 3523.3/6

Left In: 49.690+/-0.045 χ^2/NDF : 7145.5/8

-0.581+/-0.025 χ^2/NDF : 3798865.5/31

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 16.611 ± 0.270 χ^2/NDF : 45.8/7

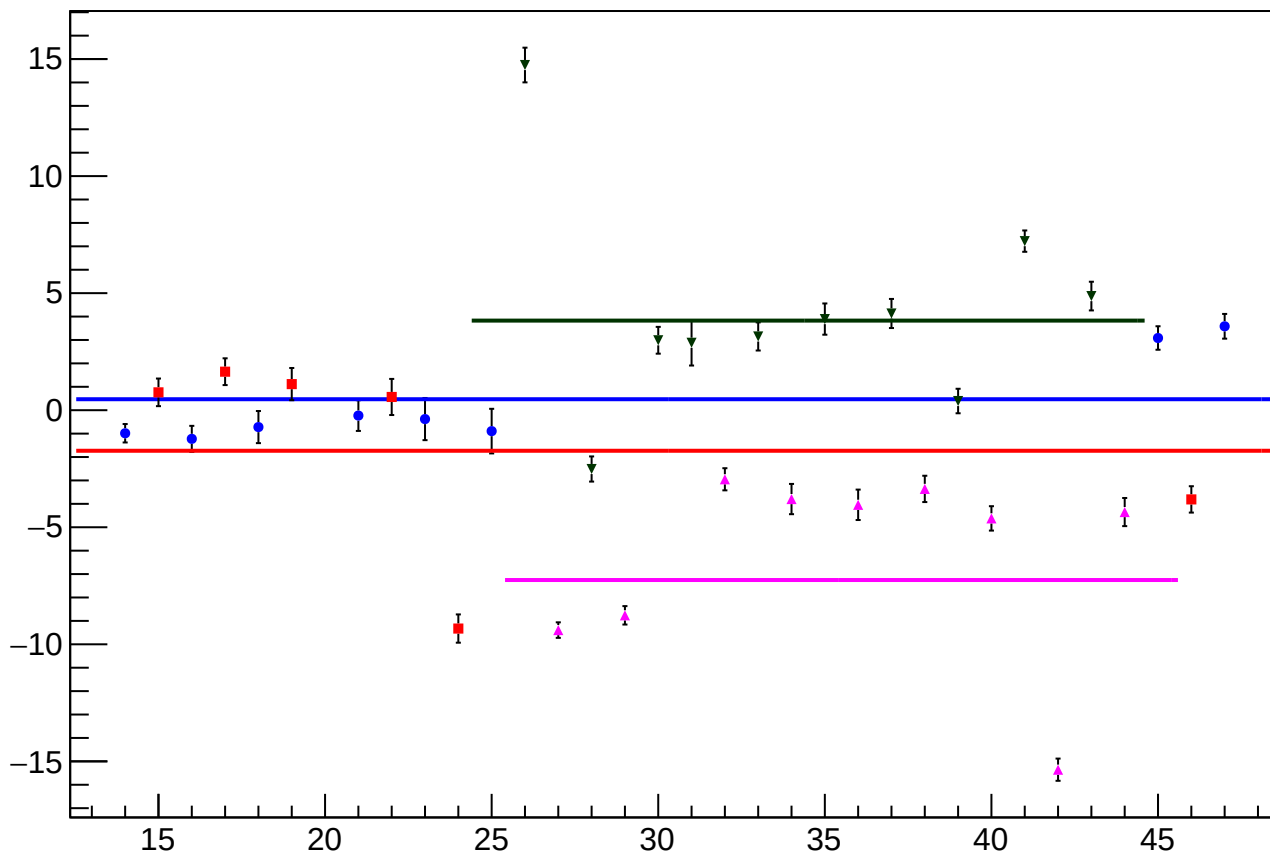
Left Out: 20.996 ± 0.253 χ^2/NDF : 688.0/9

Right Out: -16.043 ± 0.335 χ^2/NDF : 39.1/5

Left In: -19.023 ± 0.223 χ^2/NDF : 1636.4/8

0.547 ± 0.131 χ^2/NDF : 22632.7/32

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: 0.469 ± 0.204 χ^2/NDF : 91.9/7

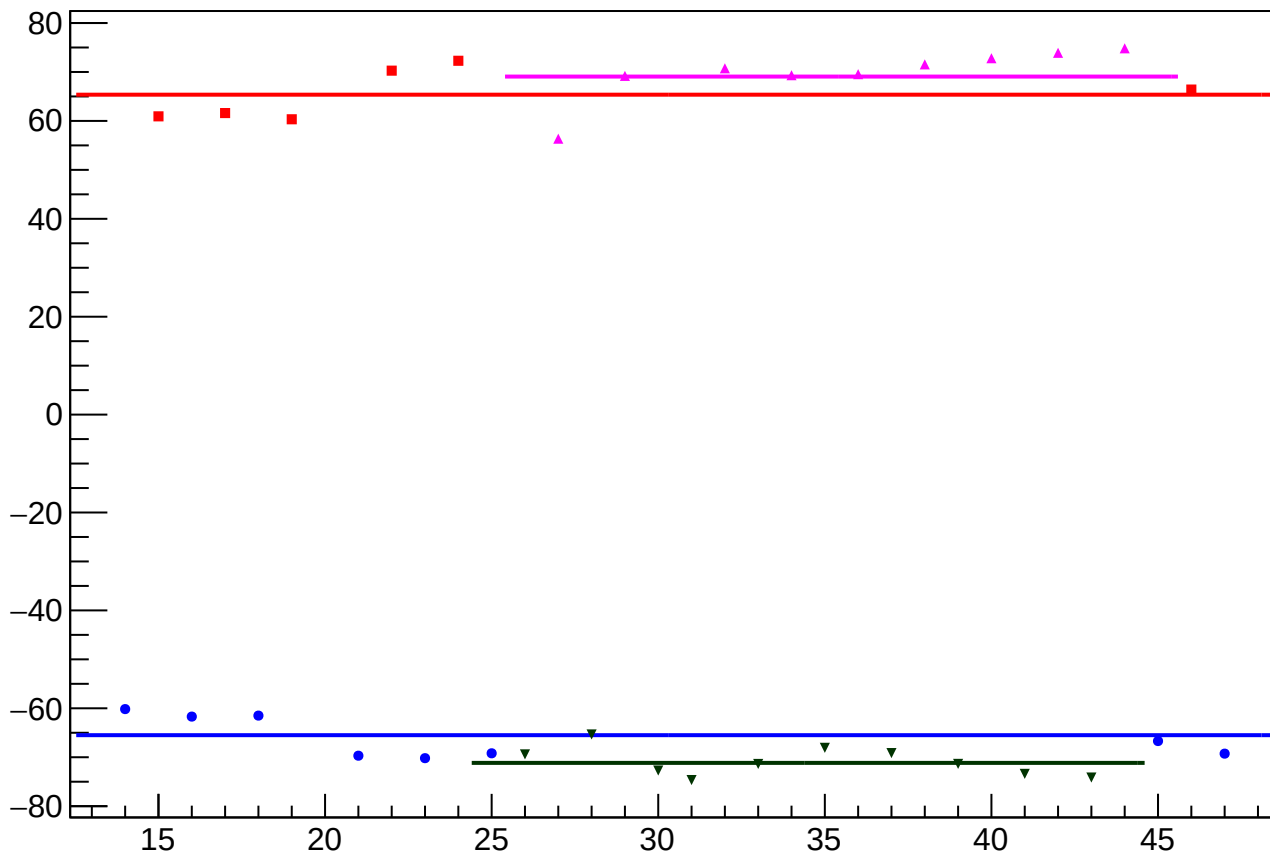
Left Out: 3.828 ± 0.189 χ^2/NDF : 462.3/9

Right Out: -1.732 ± 0.253 χ^2/NDF : 250.5/5

Left In: -7.254 ± 0.160 χ^2/NDF : 580.6/8

-1.781 ± 0.097 χ^2/NDF : 3555.3/32

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -65.492 ± 0.048 $\chi^2/\text{NDF}: 6788.3/7$

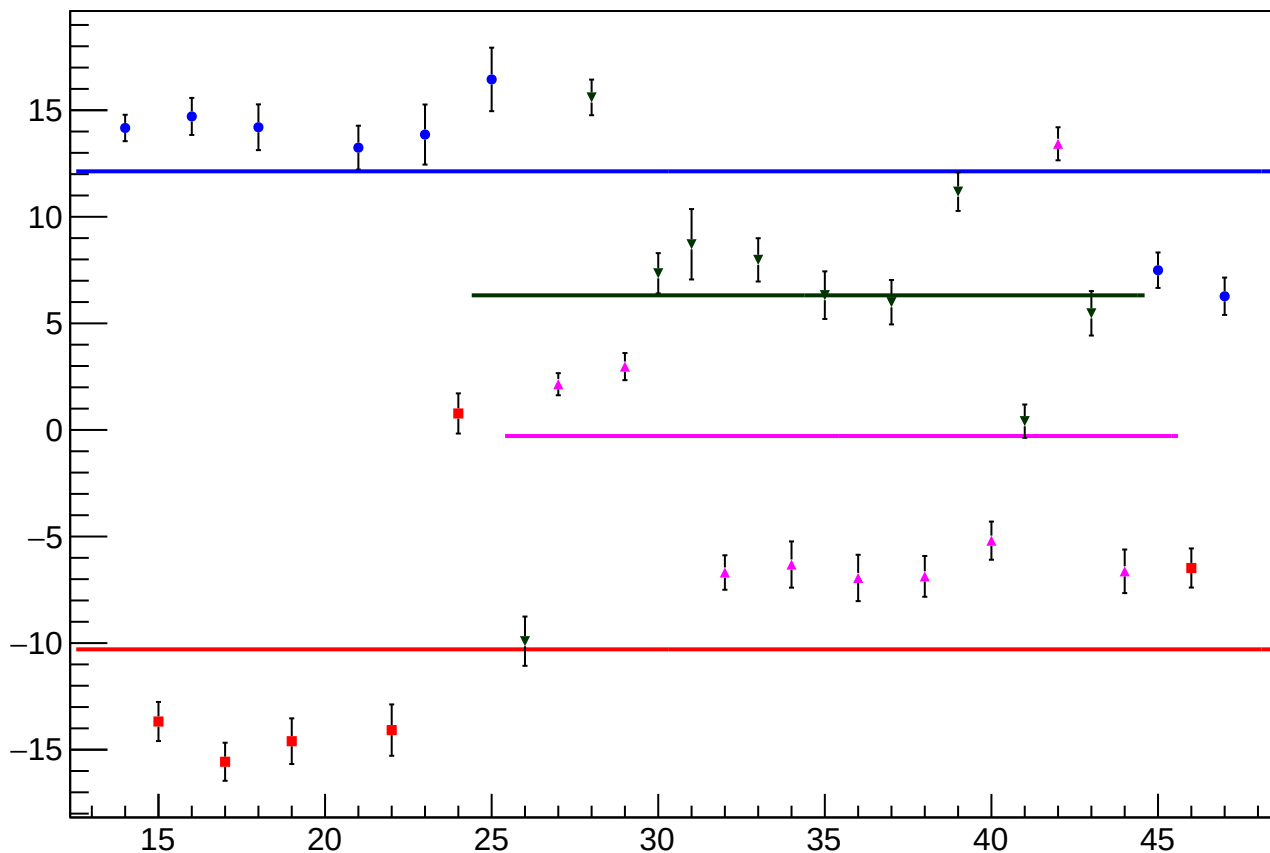
Left Out: -71.152 ± 0.042 $\chi^2/\text{NDF}: 4395.4/9$

Right Out: 65.360 ± 0.060 $\chi^2/\text{NDF}: 5163.5/5$

Left In: 69.062 ± 0.039 $\chi^2/\text{NDF}: 22617.7/8$

-2.171 ± 0.023 $\chi^2/\text{NDF}: 9146708.8/32$

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 12.133 $\pm$ 0.325 χ^2 /NDF: 110.3/7

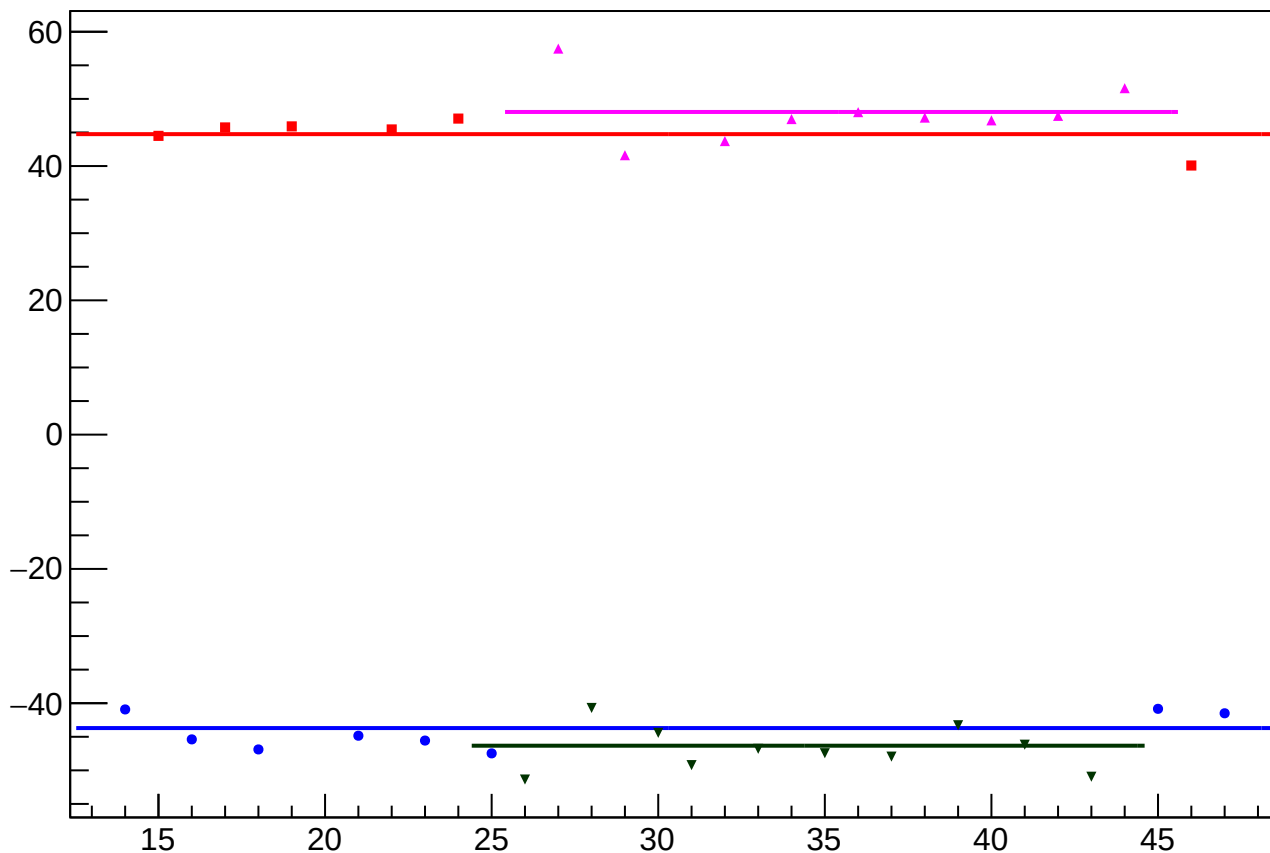
Left Out: 6.315 $\pm$ 0.314 χ^2 /NDF: 413.3/9

Right Out: -10.292 $\pm$ 0.398 χ^2 /NDF: 229.8/5

Left In: -0.285 $\pm$ 0.264 χ^2 /NDF: 608.0/8

2.721 $\pm$ 0.158 χ^2 /NDF: 3528.6/32

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -43.702 ± 0.061 χ^2/NDF : 1768.2/7

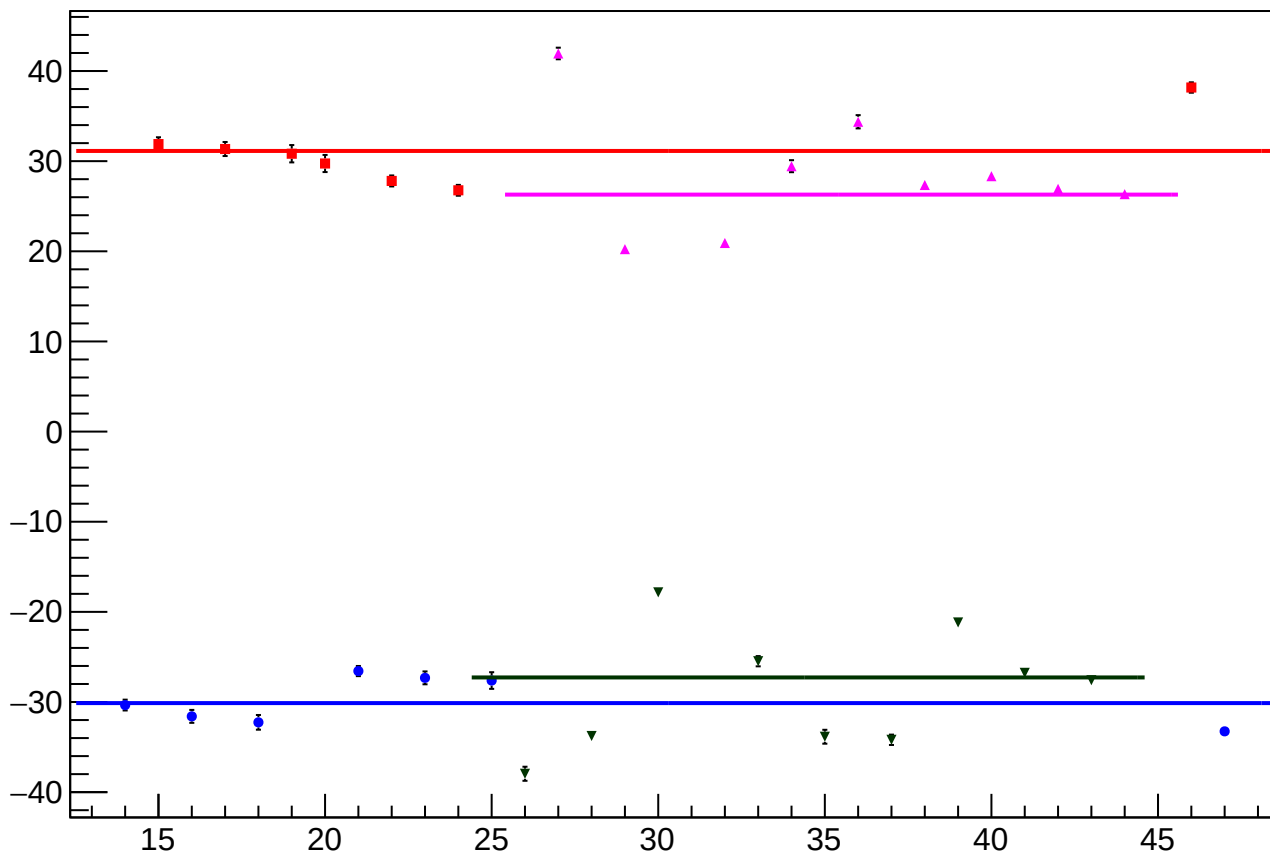
Left Out: -46.329 ± 0.057 χ^2/NDF : 3263.4/9

Right Out: 44.752 ± 0.071 χ^2/NDF : 925.9/5

Left In: 48.054 ± 0.056 χ^2/NDF : 7913.0/8

-1.664 ± 0.030 χ^2/NDF : 2322501.8/32

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -30.120 $\pm$ 0.245 χ^2 /NDF: 114.2/6

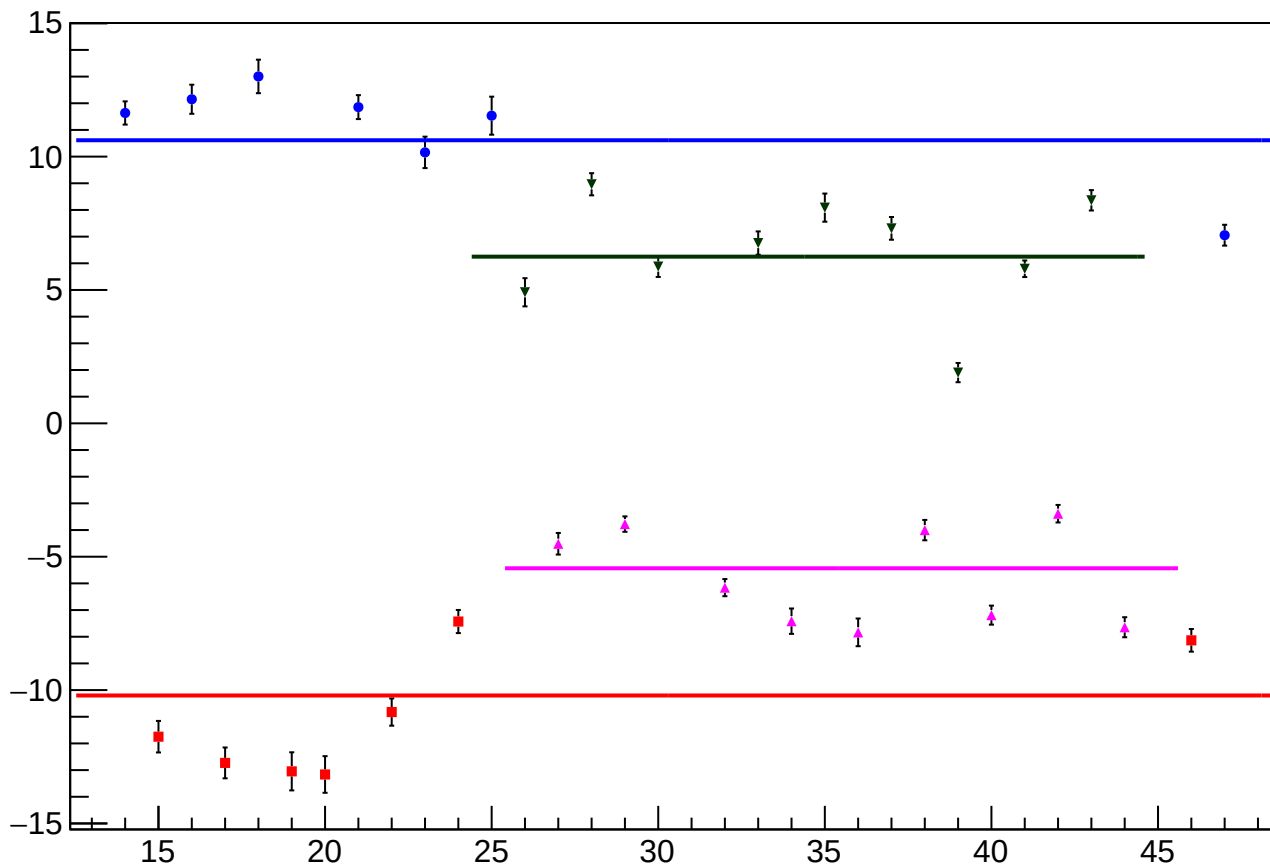
Left Out: -27.275 $\pm$ 0.181 χ^2 /NDF:1073.3/8

Right Out: 31.132 $\pm$ 0.267 χ^2 /NDF: 234.8/6

Left In: 26.289 $\pm$ 0.165 χ^2 /NDF:1194.5/8

0.699 $\pm$ 0.101 χ^2 /NDF: 79416.5/31

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 10.613 ± 0.191 $\chi^2/\text{NDF}: 120.8/6$

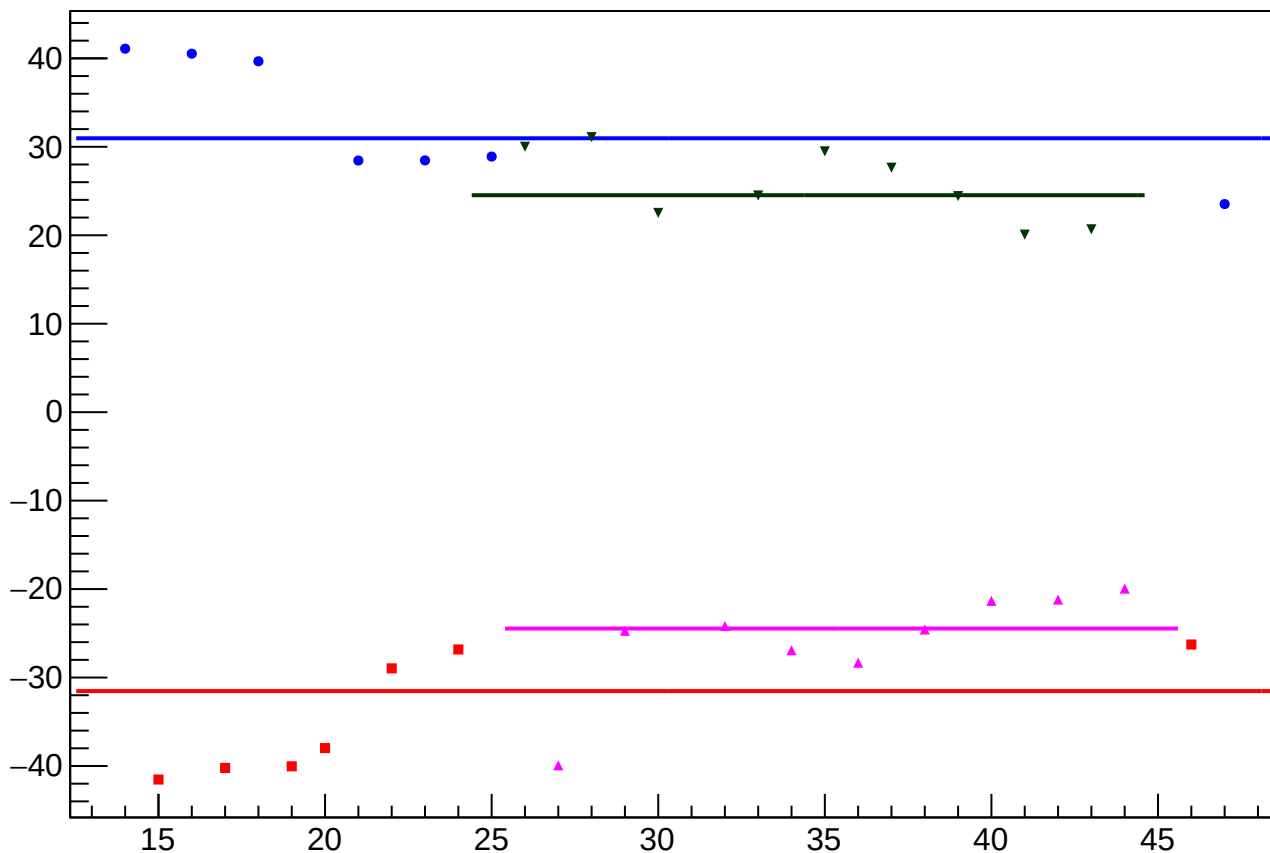
Left Out: 6.249 ± 0.135 $\chi^2/\text{NDF}: 247.2/8$

Right Out: -10.202 ± 0.201 $\chi^2/\text{NDF}: 126.4/6$

Left In: -5.433 ± 0.122 $\chi^2/\text{NDF}: 193.5/8$

0.125 ± 0.076 $\chi^2/\text{NDF}: 10478.8/31$

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 30.963+/-0.044 χ^2 /NDF: 24644.6/6

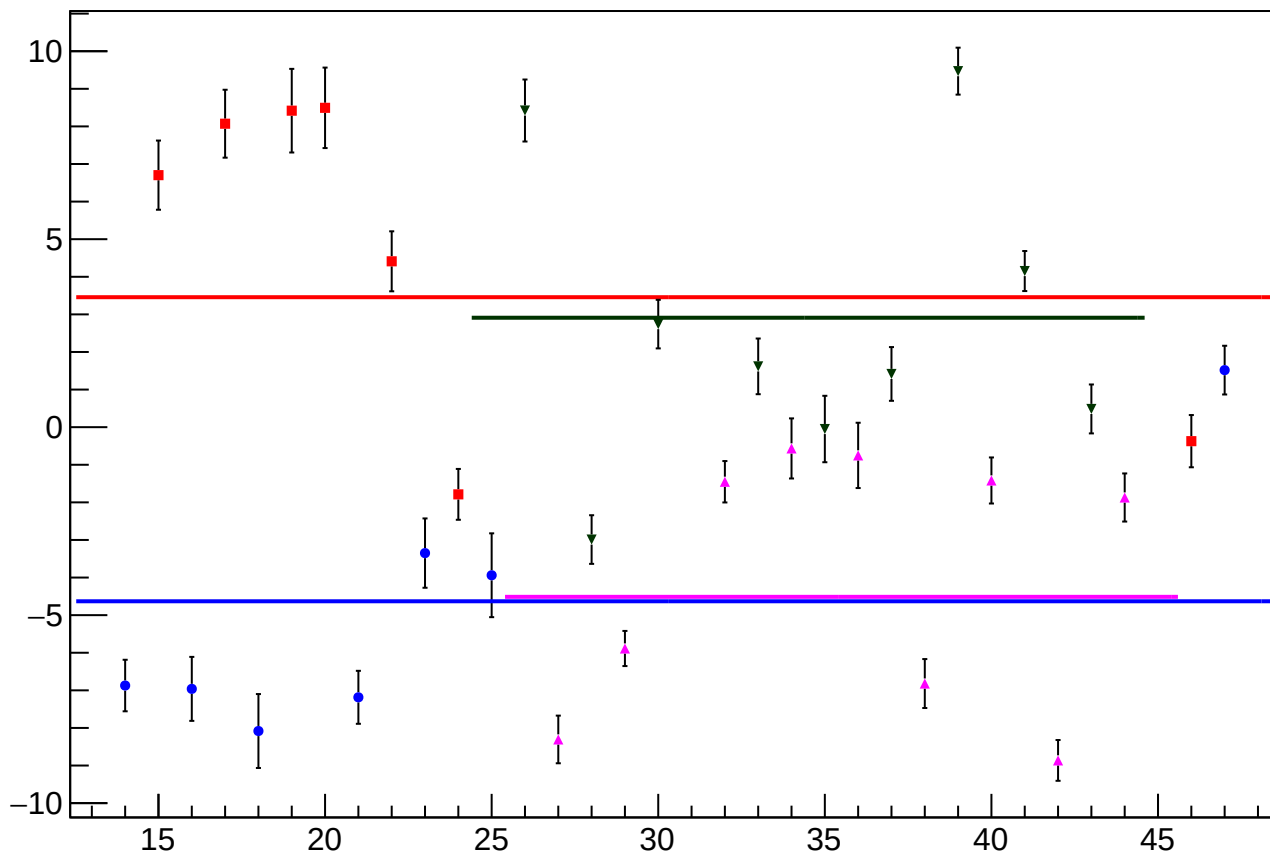
Left Out: 24.528+/-0.030 χ^2 /NDF:15447.7/8

Right Out: -31.529+/-0.047 χ^2 /NDF: 17212.1/6

Left In: -24.460+/-0.028 χ^2 /NDF:26092.2/8

-0.561+/-0.017 χ^2 /NDF: 2434858.3/31

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: -4.631 ± 0.303 χ^2/NDF : 136.0/6

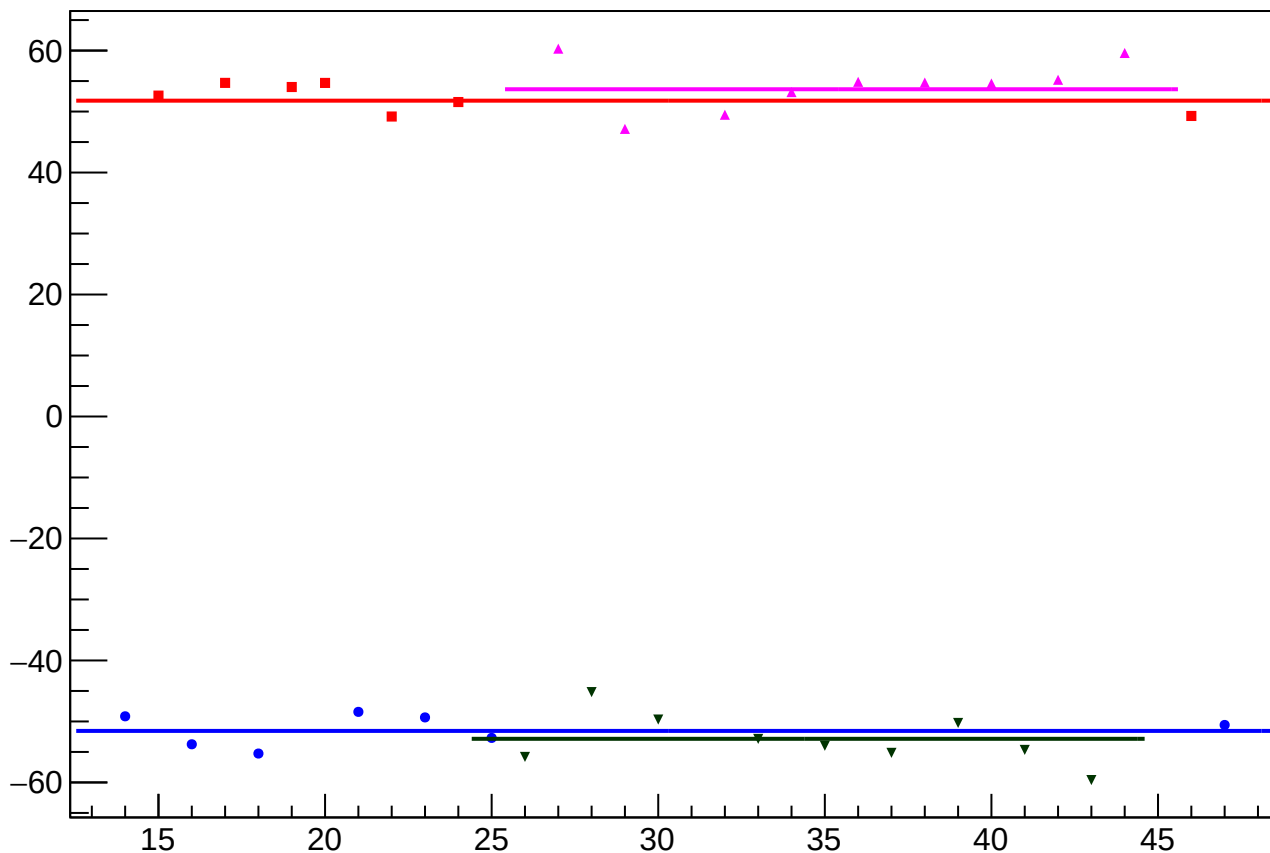
Left Out: 2.911 ± 0.225 χ^2/NDF : 276.3/8

Right Out: 3.457 ± 0.318 χ^2/NDF : 172.5/6

Left In: -4.513 ± 0.204 χ^2/NDF : 238.0/8

-1.045 ± 0.124 χ^2/NDF : 1763.9/31

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -51.551 ± 0.056 χ^2/NDF : 2087.3/6

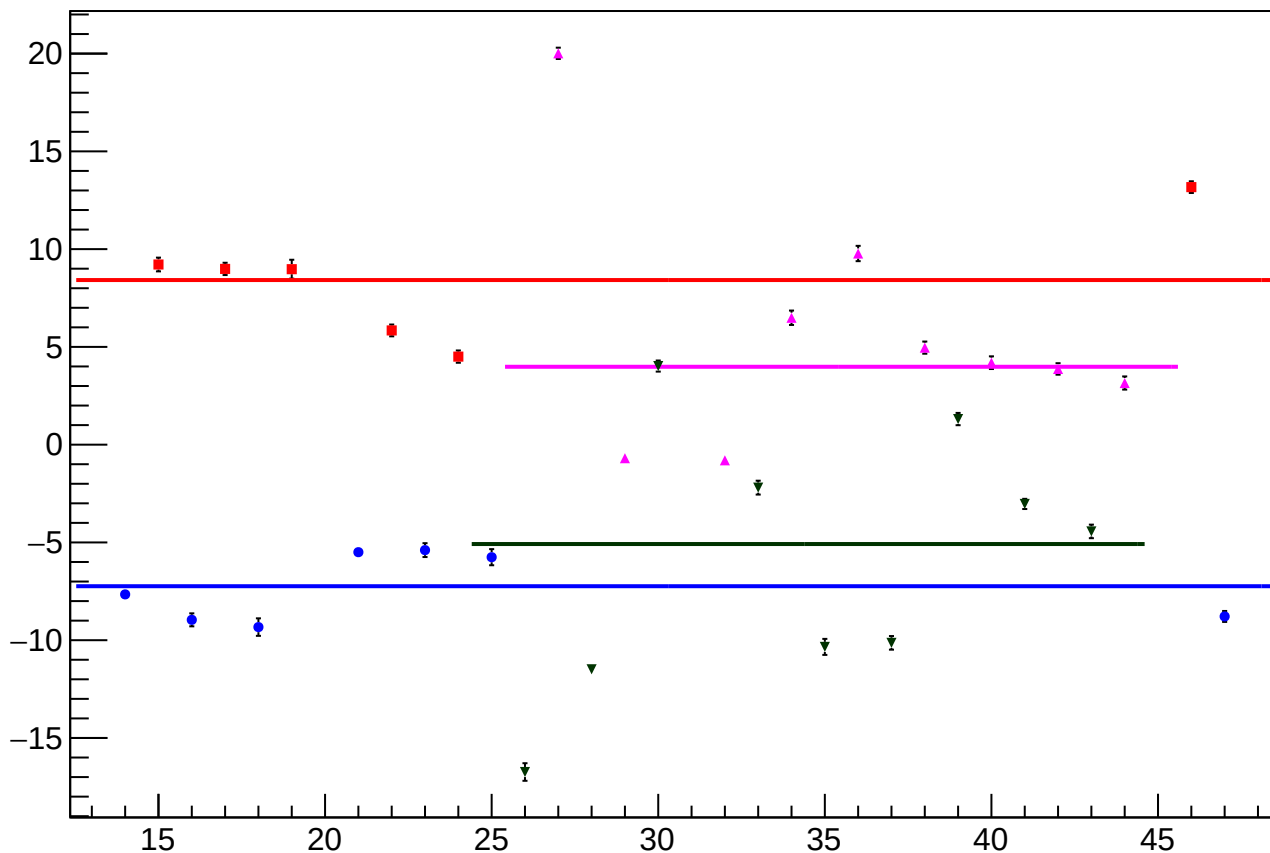
Left Out: -52.846 ± 0.041 χ^2/NDF : 9528.4/8

Right Out: 51.785 ± 0.057 χ^2/NDF : 1409.1/6

Left In: 53.657 ± 0.042 χ^2/NDF : 9586.0/8

-0.461 ± 0.024 χ^2/NDF : 5004768.7/31

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -7.239+/-0.113 χ^2/NDF : 176.0/6

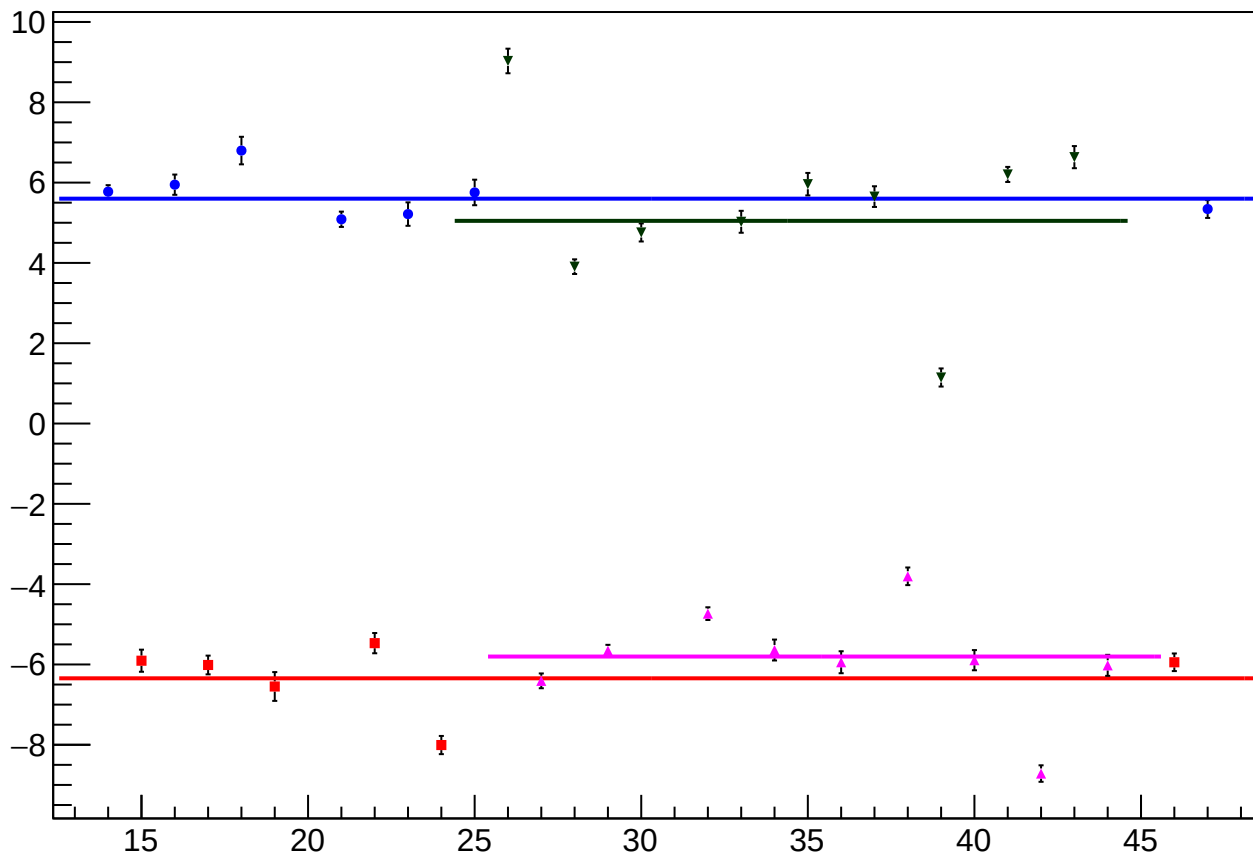
Left Out: -5.082+/-0.106 χ^2/NDF : 3296.2/8

Right Out: 8.419+/-0.135 χ^2/NDF : 491.1/5

Left In: 3.984+/-0.091 χ^2/NDF : 4557.3/8

-0.242+/-0.054 χ^2/NDF : 20689.6/30

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.600 ± 0.087 $\chi^2/\text{NDF}: 25.8/6$

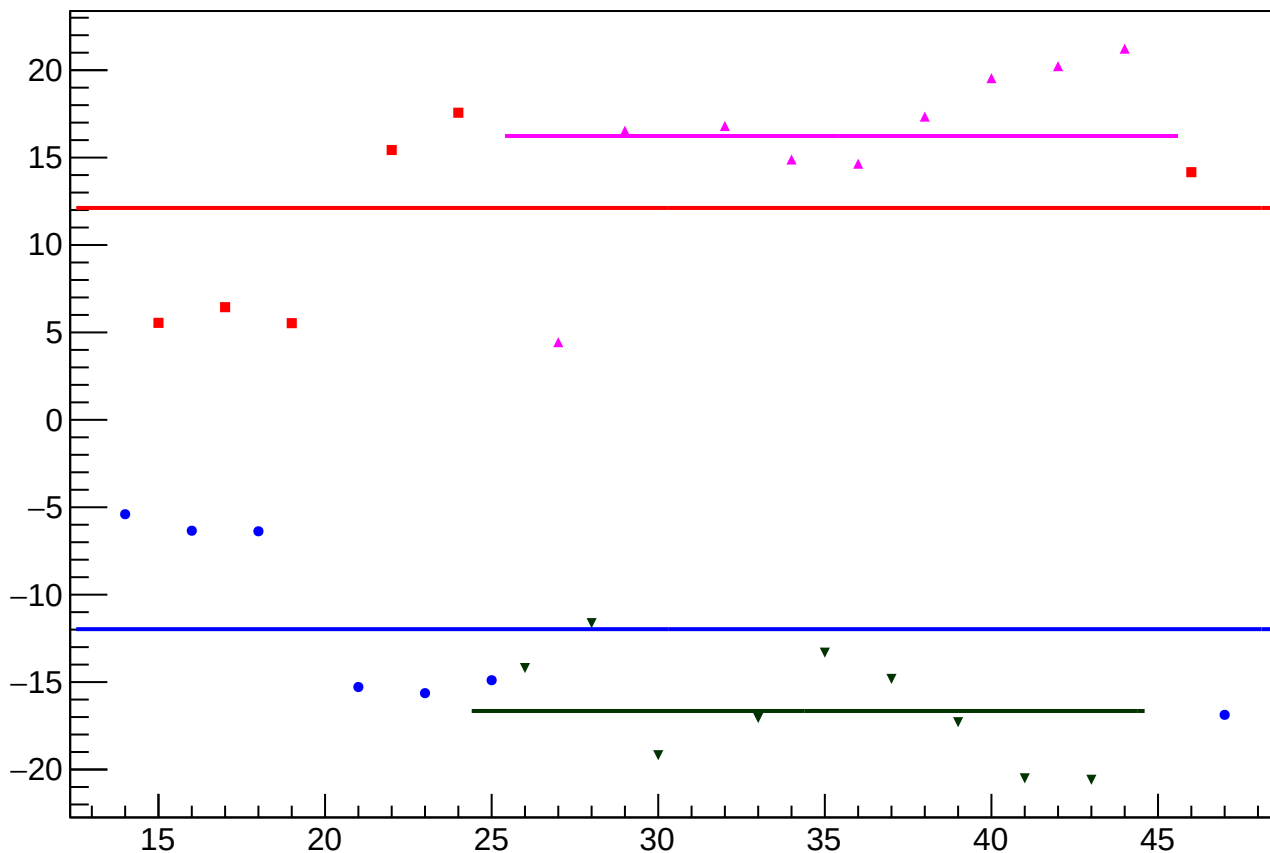
Left Out: 5.047 ± 0.078 $\chi^2/\text{NDF}: 595.4/8$

Right Out: -6.345 ± 0.102 $\chi^2/\text{NDF}: 74.1/5$

Left In: -5.803 ± 0.067 $\chi^2/\text{NDF}: 343.0/8$

-0.522 ± 0.041 $\chi^2/\text{NDF}: 20389.0/30$

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -11.973 $\pm$ 0.021 χ^2 /NDF: 57207.2/6

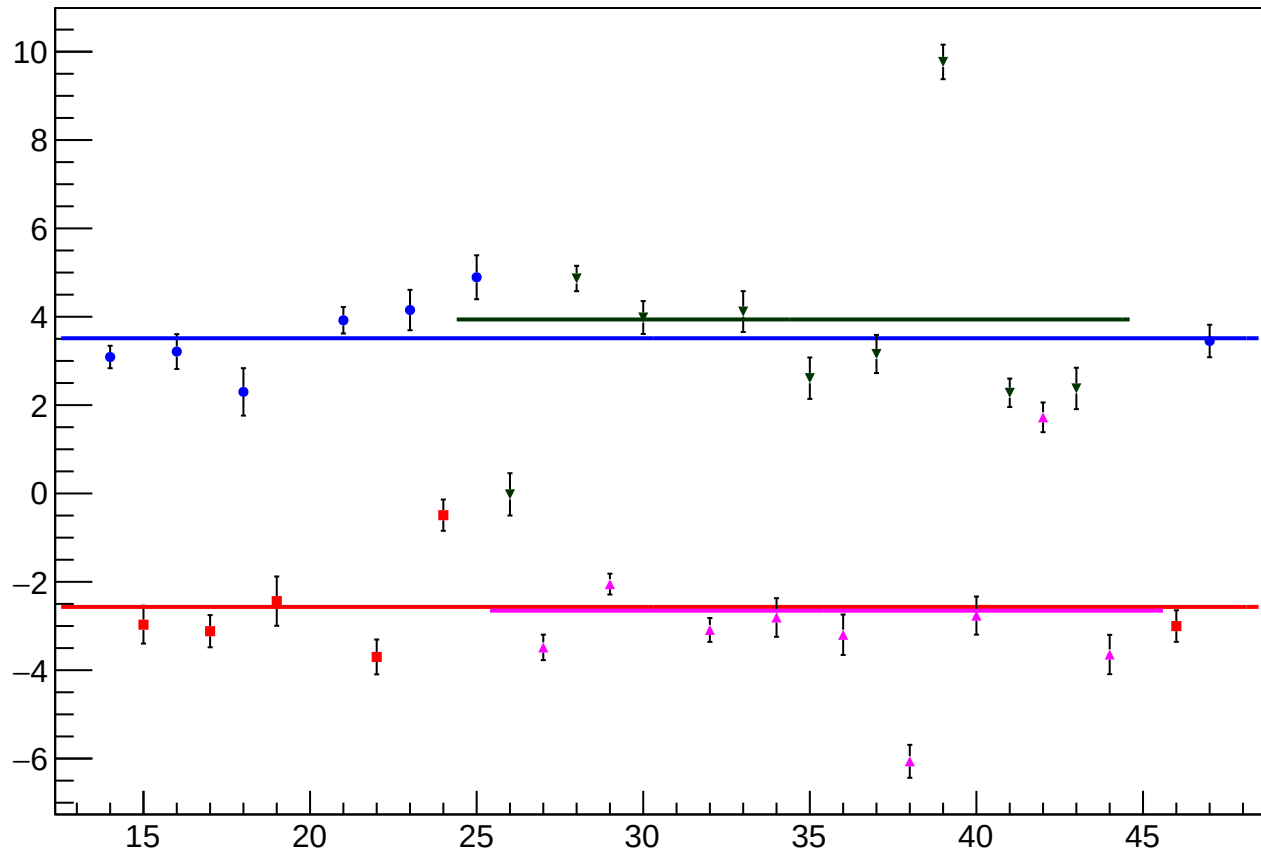
Left Out: -16.652 $\pm$ 0.018 χ^2 /NDF: 33114.0/8

Right Out: 12.119 $\pm$ 0.024 χ^2 /NDF: 37015.3/5

Left In: 16.236 $\pm$ 0.016 χ^2 /NDF: 73668.6/8

0.580 $\pm$ 0.009 χ^2 /NDF: 2767032.3/30

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.514 ± 0.138 χ^2/NDF : 20.0/6

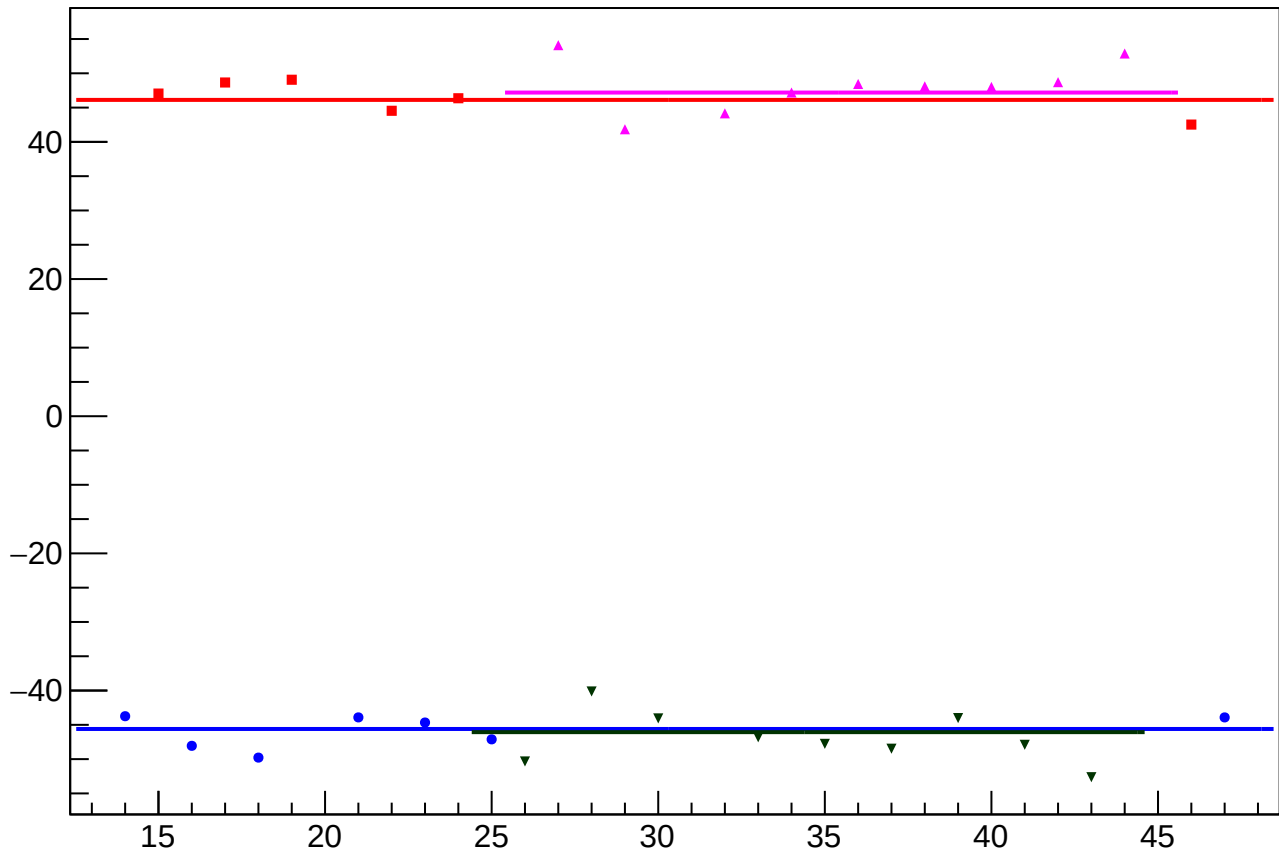
Left Out: 3.939 ± 0.130 χ^2/NDF : 350.7/8

Right Out: -2.568 ± 0.161 χ^2/NDF : 47.4/5

Left In: -2.653 ± 0.112 χ^2/NDF : 276.7/8

0.464 ± 0.066 χ^2/NDF : 3030.6/30

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -45.603 ± 0.027 $\chi^2/\text{NDF}: 7290.2/6$

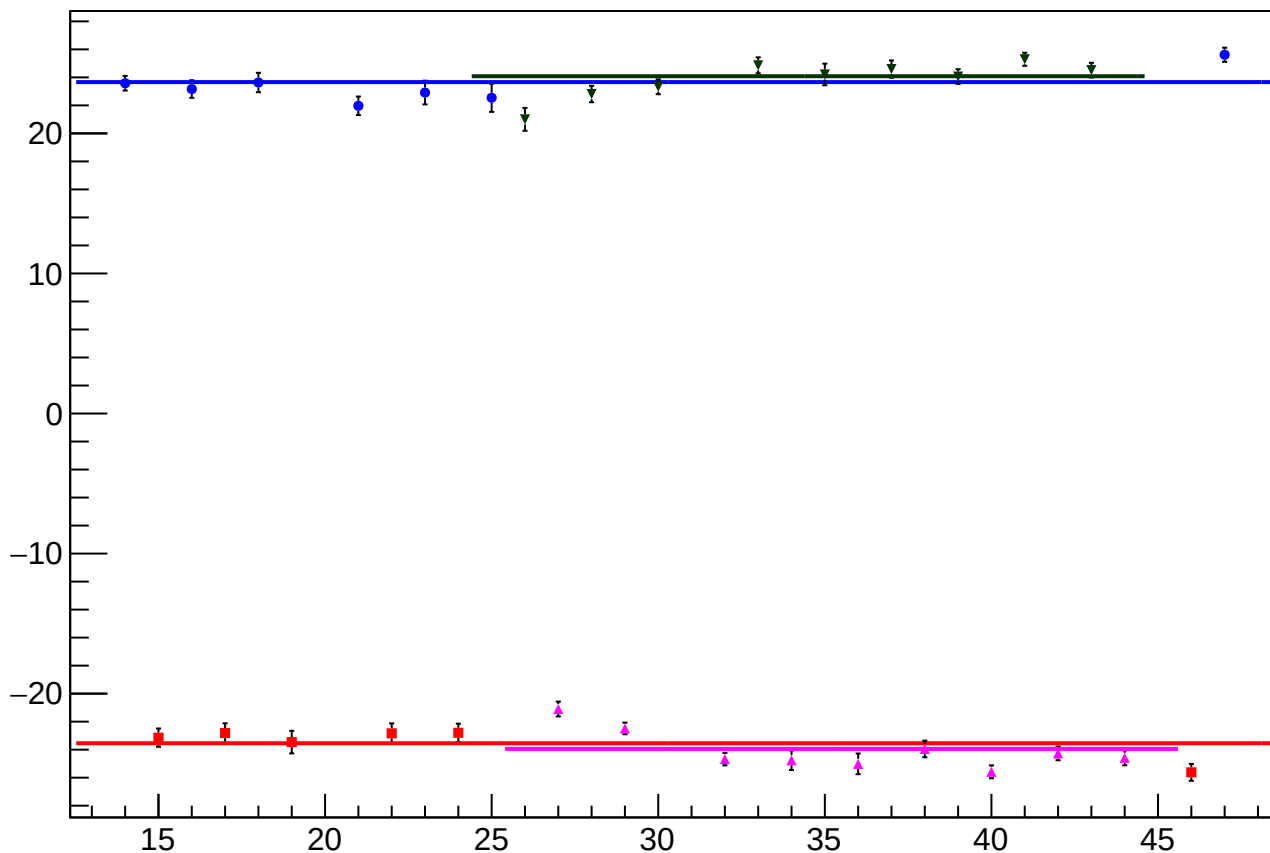
Left Out: -46.065 ± 0.024 $\chi^2/\text{NDF}: 24343.4/8$

Right Out: 46.122 ± 0.029 $\chi^2/\text{NDF}: 5581.1/5$

Left In: 47.193 ± 0.023 $\chi^2/\text{NDF}: 27379.6/8$

-0.509 ± 0.013 $\chi^2/\text{NDF}: 13181670.7/30$

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 23.663 ± 0.244 χ^2/NDF : 24.0/6

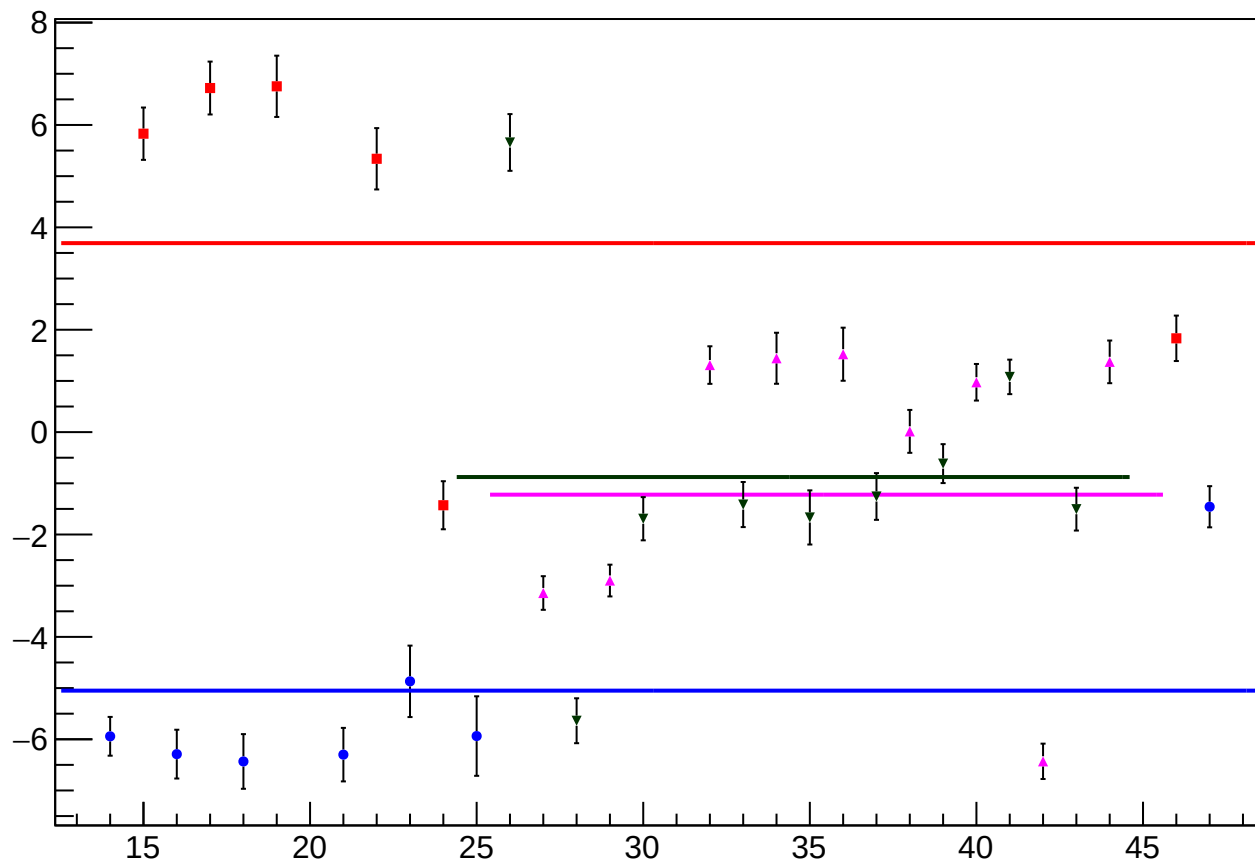
Left Out: 24.083 ± 0.192 χ^2/NDF : 30.9/8

Right Out: -23.543 ± 0.277 χ^2/NDF : 15.6/5

Left In: -23.944 ± 0.173 χ^2/NDF : 61.7/8

-0.606 ± 0.105 χ^2/NDF : 51611.0/30

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -5.050 ± 0.188 χ^2/NDF : 105.9/6

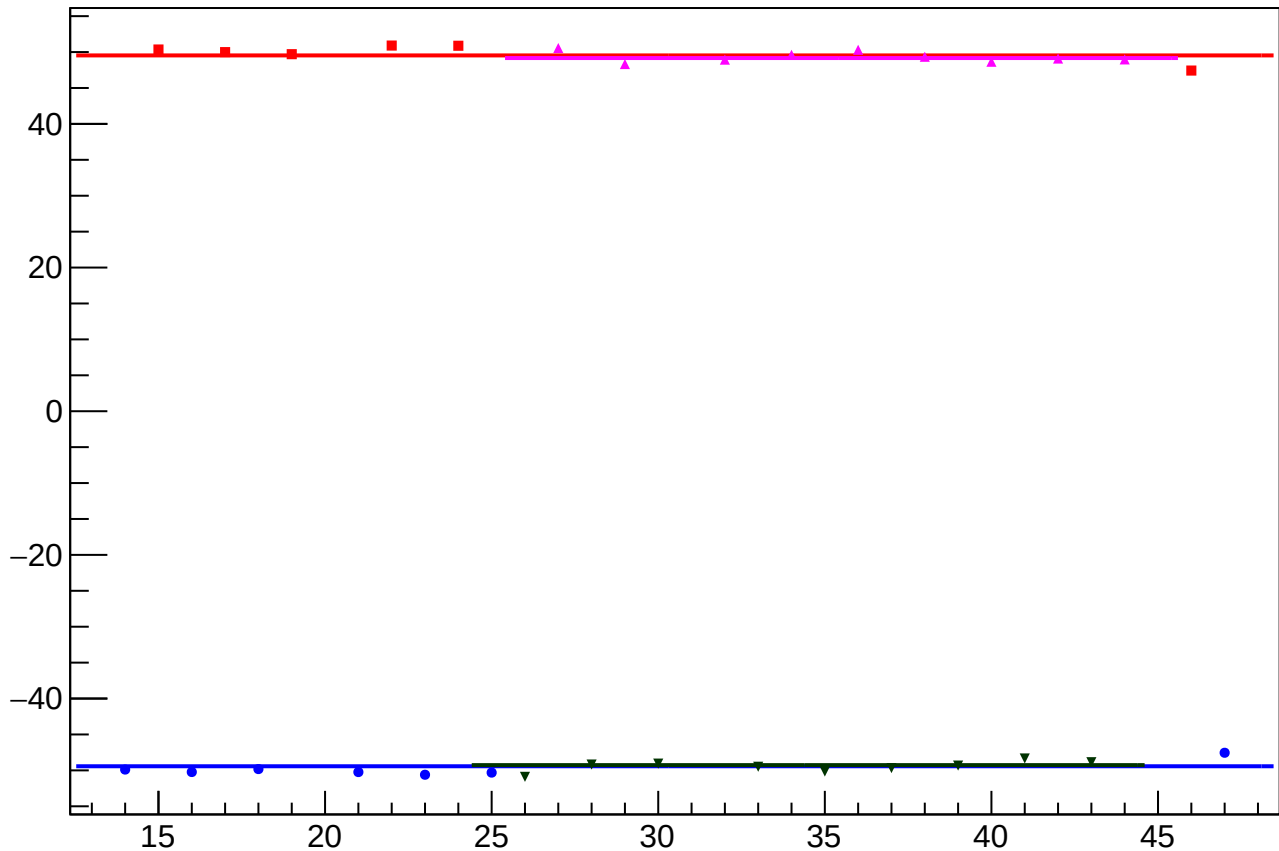
Left Out: -0.877 ± 0.143 χ^2/NDF : 301.4/8

Right Out: 3.692 ± 0.210 χ^2/NDF : 222.2/5

Left In: -1.222 ± 0.126 χ^2/NDF : 480.3/8

-1.099 ± 0.078 χ^2/NDF : 2079.6/30

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -49.427 $\pm$ 0.044 χ^2 /NDF: 698.9/6

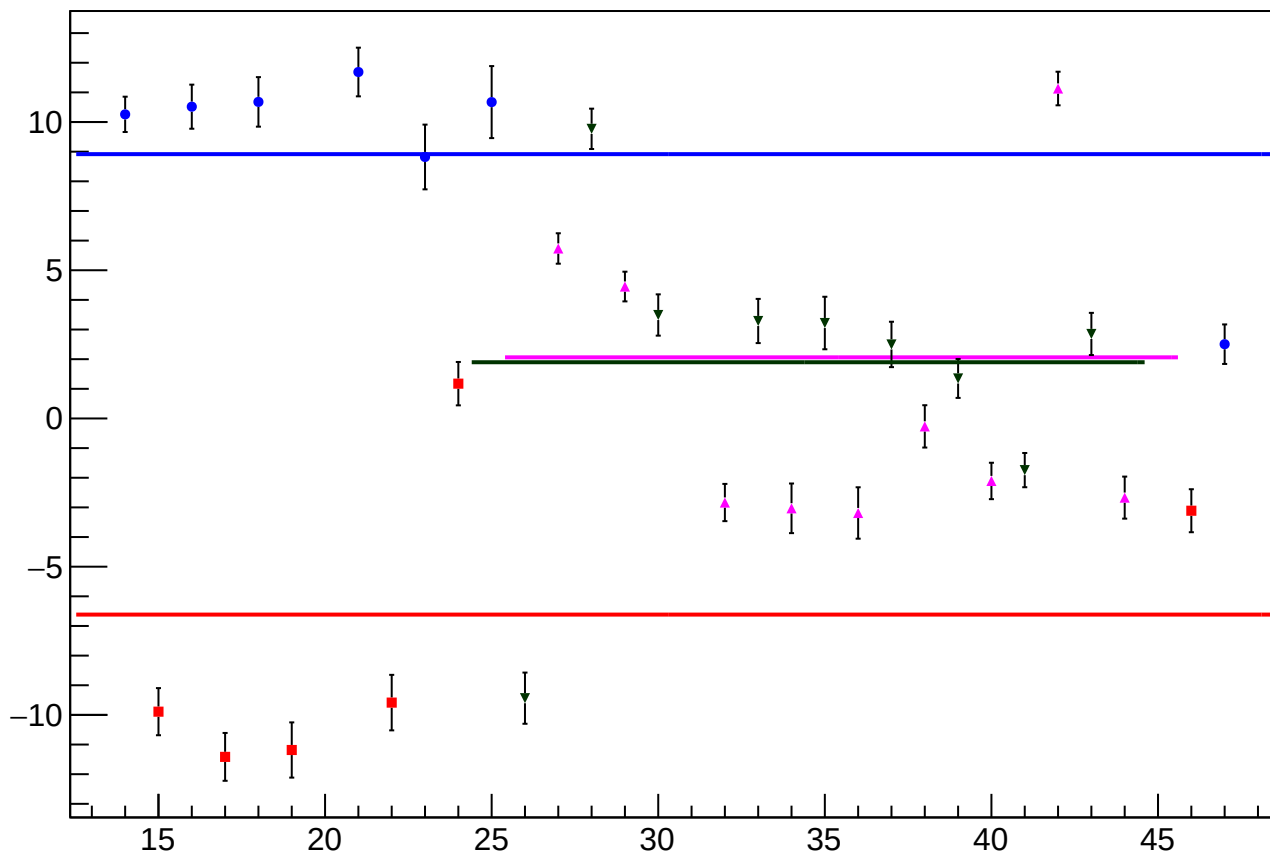
Left Out: -49.268 $\pm$ 0.032 χ^2 /NDF: 377.7/8

Right Out: 49.535 $\pm$ 0.049 χ^2 /NDF: 834.4/5

Left In: 49.168 $\pm$ 0.030 χ^2 /NDF: 481.7/8

0.968 $\pm$ 0.018 χ^2 /NDF: 7324093.7/30

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 8.917 ± 0.297 χ^2/NDF : 120.1/6

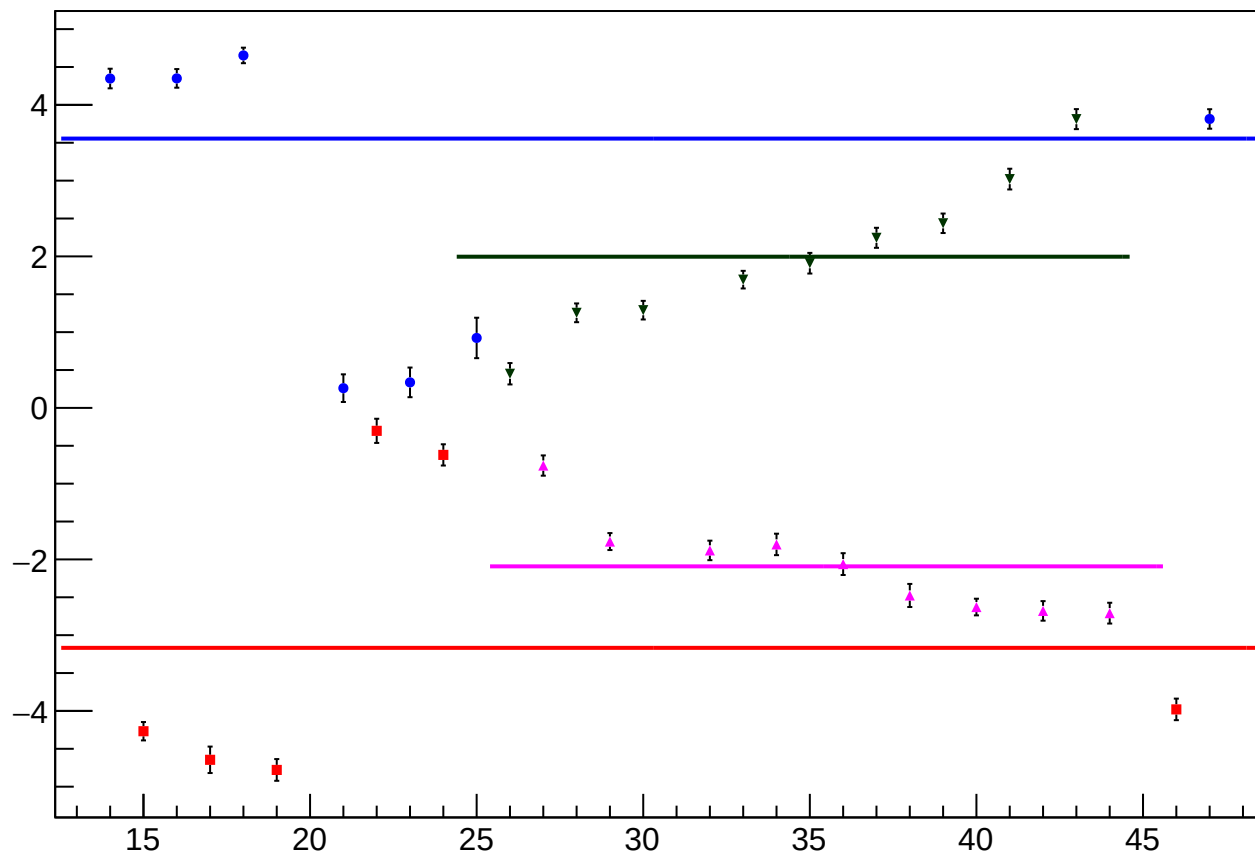
Left Out: 1.897 ± 0.238 χ^2/NDF : 359.8/8

Right Out: -6.616 ± 0.330 χ^2/NDF : 223.1/5

Left In: 2.062 ± 0.209 χ^2/NDF : 565.8/8

1.979 ± 0.128 χ^2/NDF : 2491.2/30

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 3.555 $\pm$ 0.053 χ^2 /NDF: 891.3/6

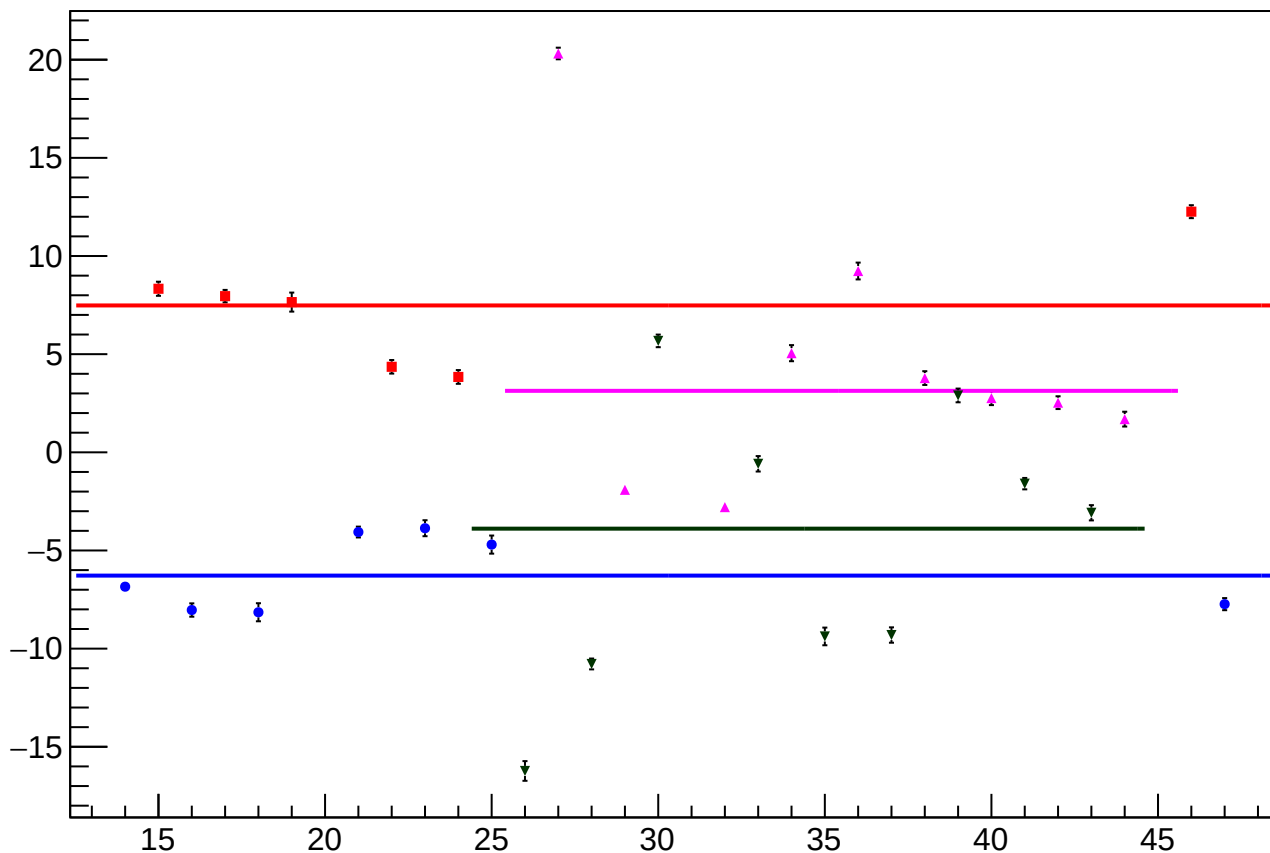
Left Out: 1.996 $\pm$ 0.043 χ^2 /NDF: 455.9/8

Right Out: -3.167 $\pm$ 0.059 χ^2 /NDF: 965.0/5

Left In: -2.092 $\pm$ 0.043 χ^2 /NDF: 185.6/8

0.171 $\pm$ 0.024 χ^2 /NDF: 14262.0/30

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -6.280+/-0.121 χ^2/NDF : 183.5/6

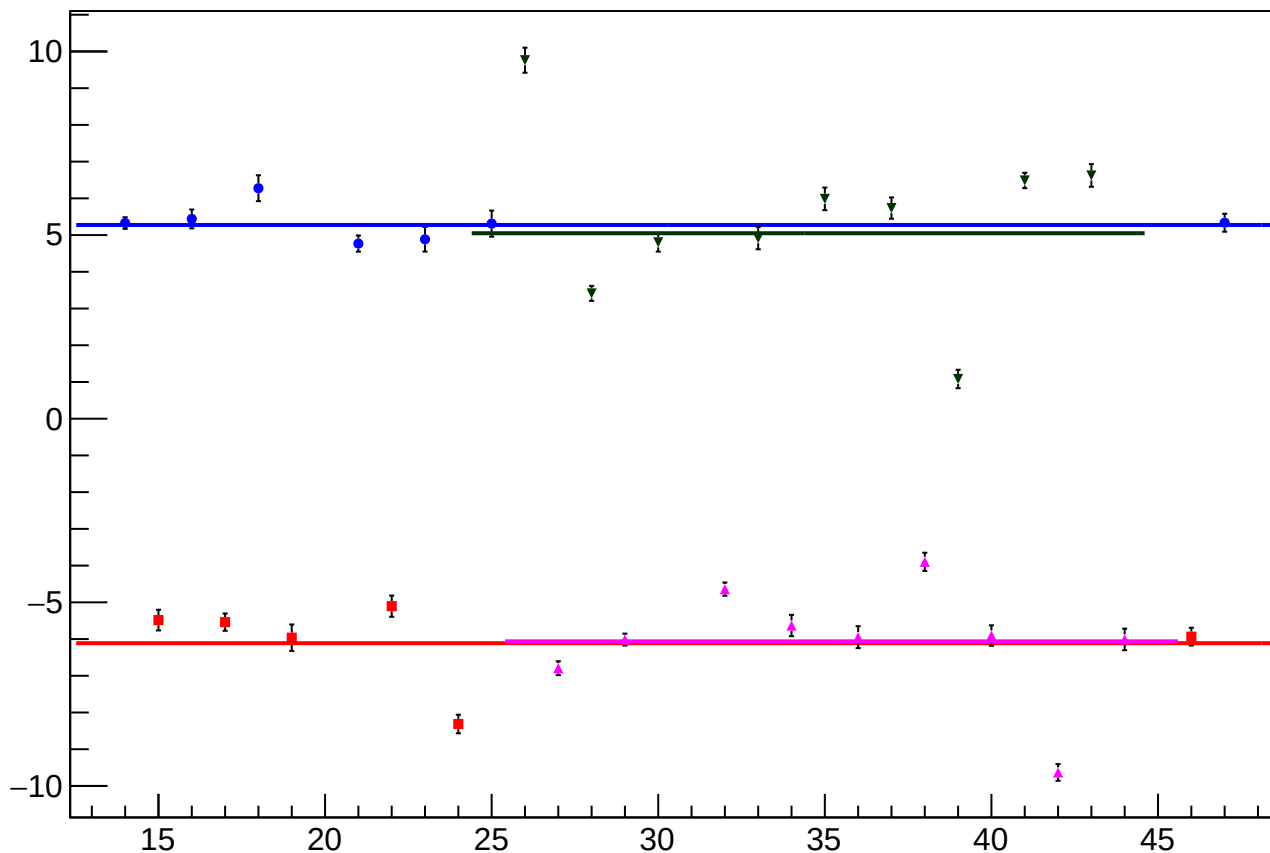
Left Out: -3.888+/-0.118 χ^2/NDF : 2967.8/8

Right Out: 7.482+/-0.145 χ^2/NDF : 407.3/5

Left In: 3.132+/-0.102 χ^2/NDF : 4858.8/8

-0.176+/-0.059 χ^2/NDF : 15806.3/30

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.275 ± 0.092 $\chi^2/\text{NDF}: 15.3/6$

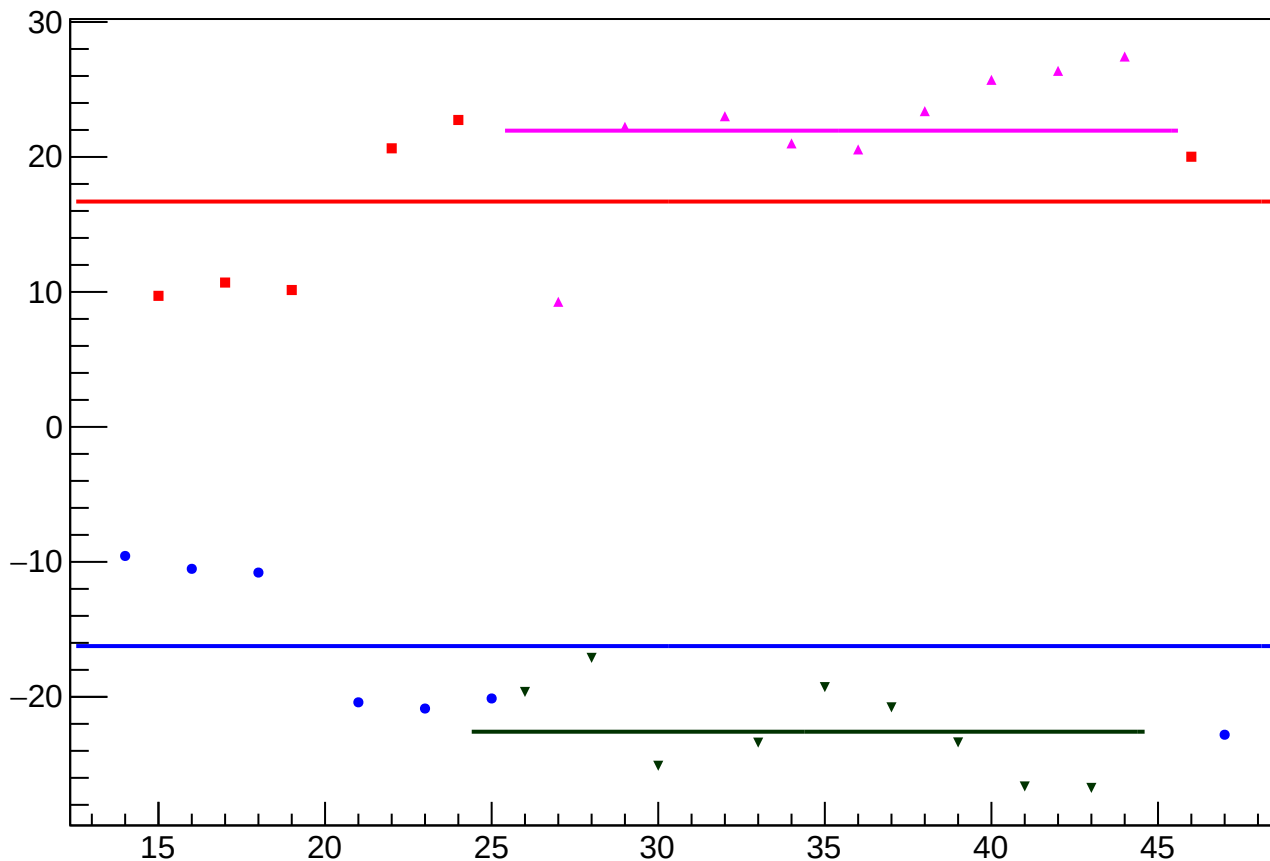
Left Out: 5.050 ± 0.088 $\chi^2/\text{NDF}: 593.0/8$

Right Out: -6.113 ± 0.110 $\chi^2/\text{NDF}: 99.9/5$

Left In: -6.062 ± 0.075 $\chi^2/\text{NDF}: 400.5/8$

-0.623 ± 0.044 $\chi^2/\text{NDF}: 17190.0/30$

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -16.238 $\pm$ 0.022 χ^2 /NDF: 66135.3/6

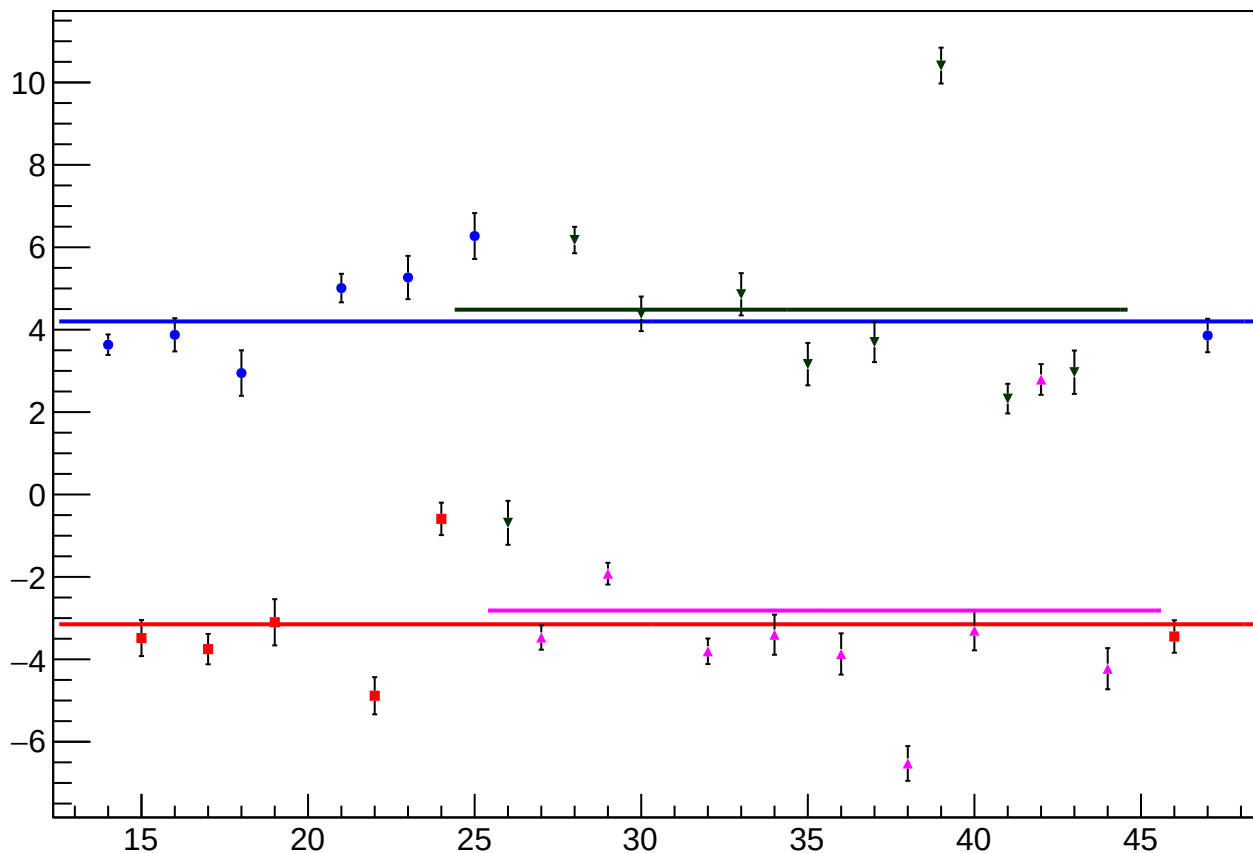
Left Out: -22.582 $\pm$ 0.020 χ^2 /NDF: 29955.2/8

Right Out: 16.697 $\pm$ 0.026 χ^2 /NDF: 41126.9/5

Left In: 21.949 $\pm$ 0.017 χ^2 /NDF: 78860.8/8

0.750 $\pm$ 0.010 χ^2 /NDF: 4062721.3/30

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.201 ± 0.146 χ^2/NDF : 35.2/6

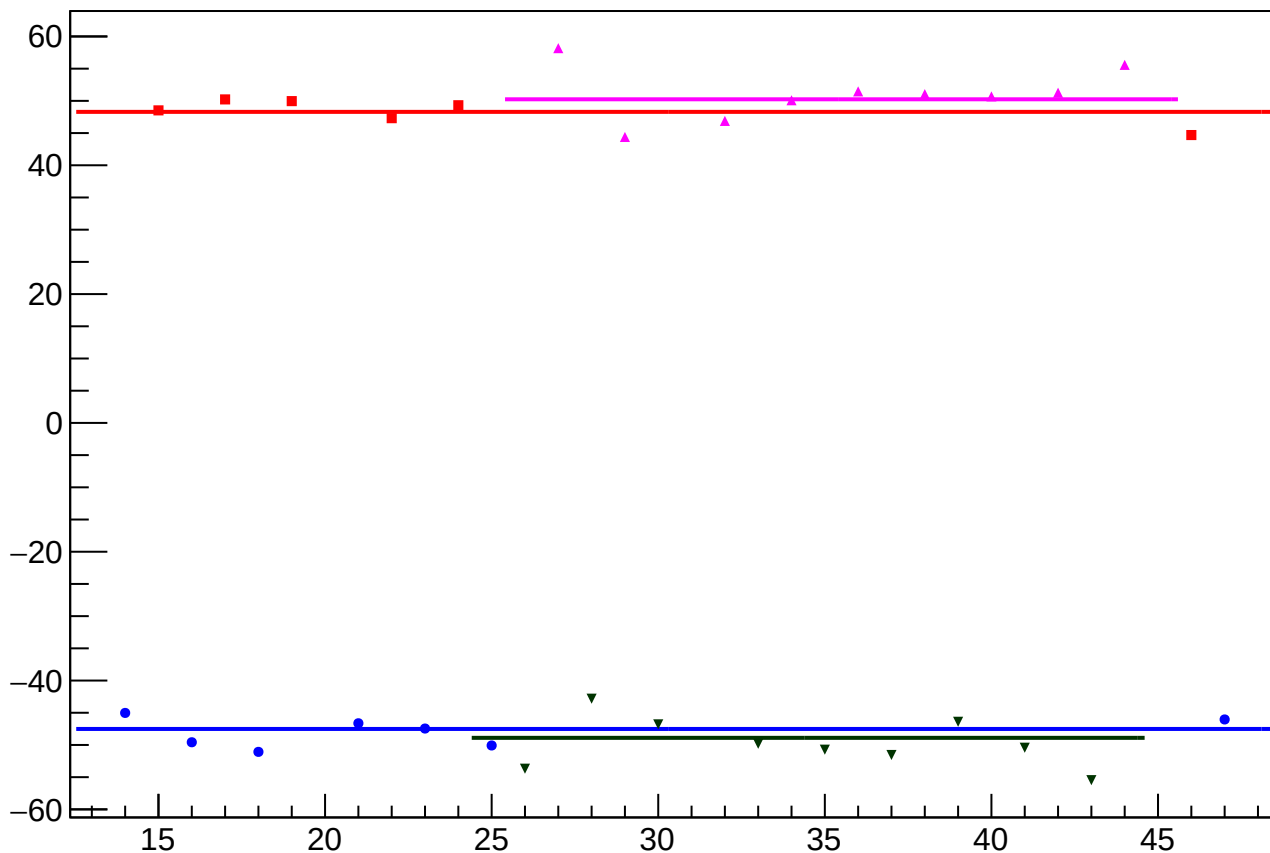
Left Out: 4.486 ± 0.145 χ^2/NDF : 361.5/8

Right Out: -3.149 ± 0.173 χ^2/NDF : 60.8/5

Left In: -2.816 ± 0.123 χ^2/NDF : 345.0/8

0.614 ± 0.072 χ^2/NDF : 3362.8/30

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -47.514 ± 0.028 χ^2/NDF : 6157.2/6

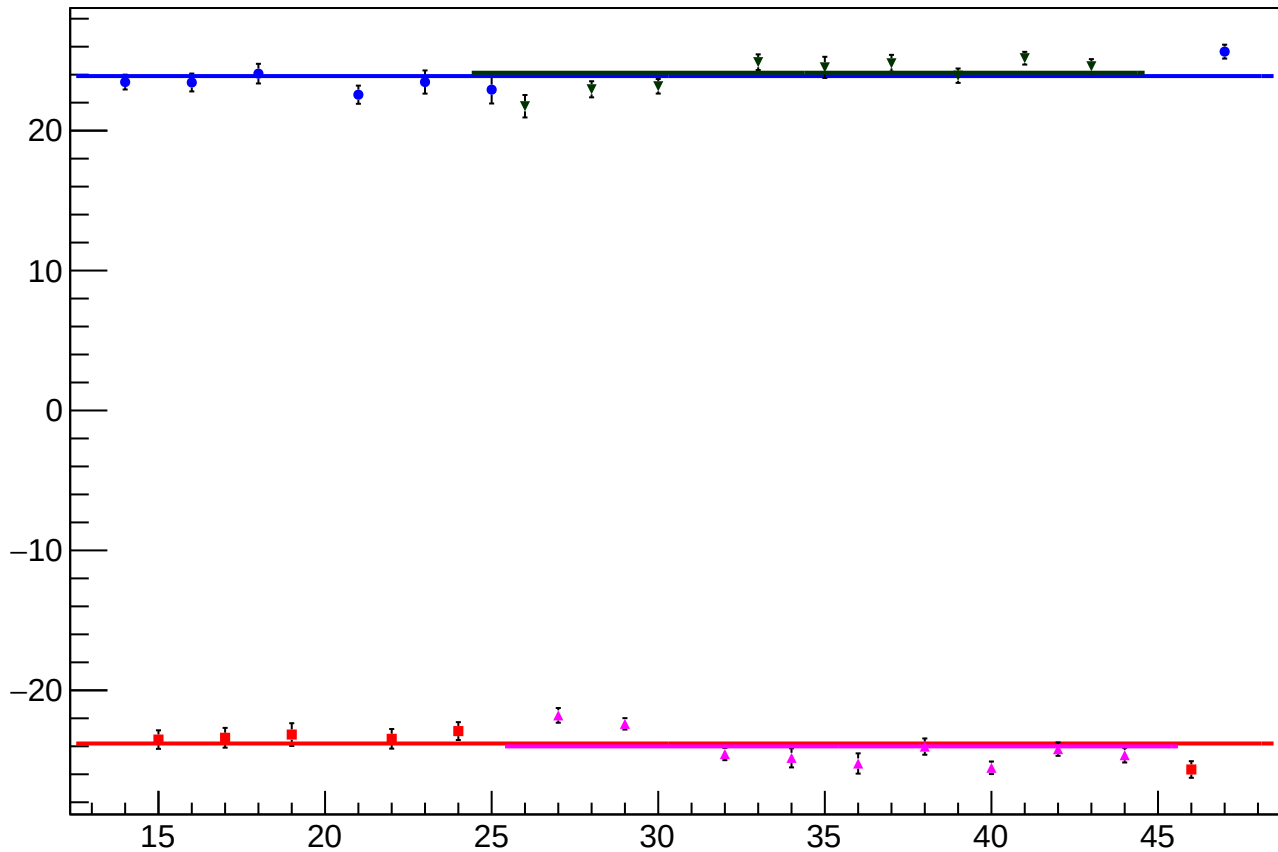
Left Out: -48.894 ± 0.027 χ^2/NDF : 21073.6/8

Right Out: 48.291 ± 0.031 χ^2/NDF : 3463.1/5

Left In: 50.244 ± 0.026 χ^2/NDF : 27248.9/8

-0.533 ± 0.014 χ^2/NDF : 12312561.1/30

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 23.899+/-0.243 χ^2 /NDF: 19.0/6

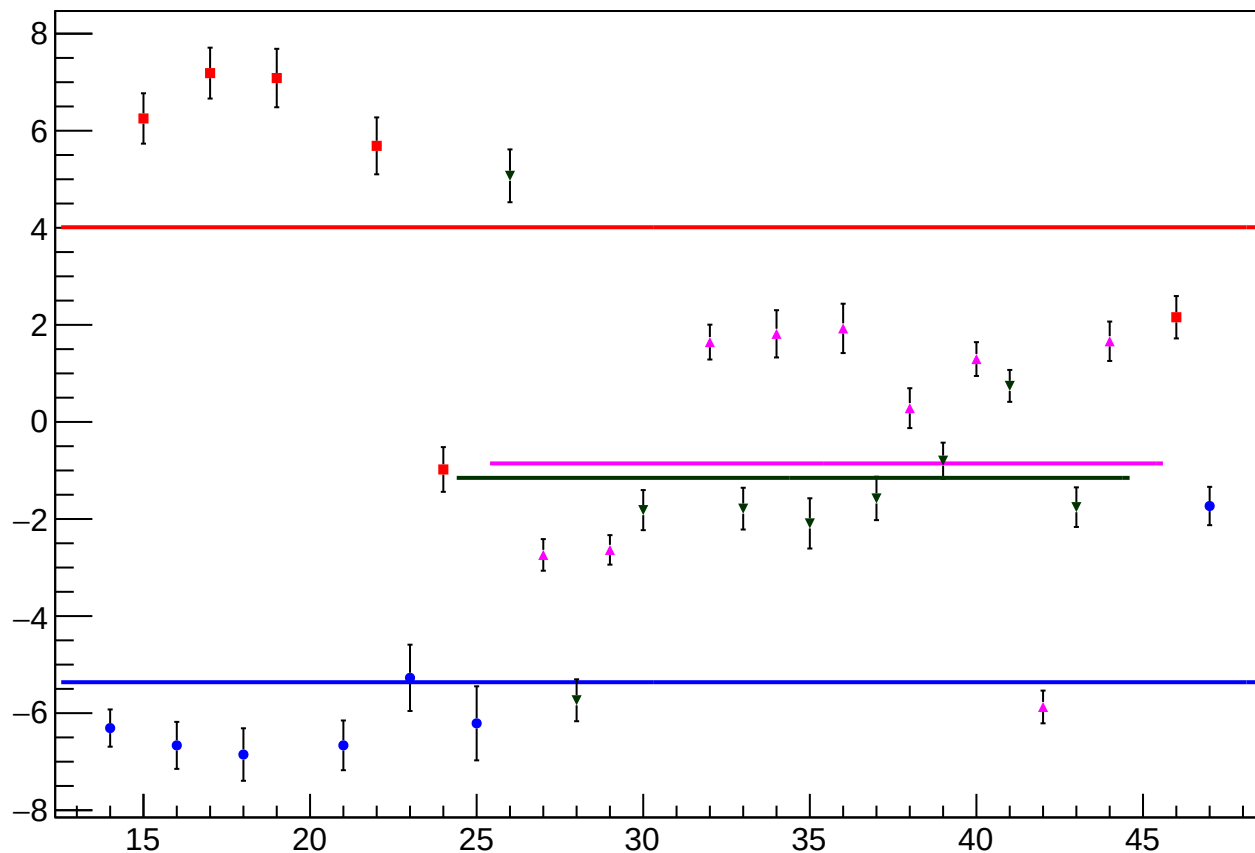
Left Out: 24.140+/-0.188 χ^2 /NDF: 26.0/8

-0.641+/-0.104 χ^2 /NDF: 53784.0/30

Right Out: -23.800+/-0.276 χ^2 /NDF: 13.1/5

Left In: -24.007+/-0.169 χ^2 /NDF: 52.5/8

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -5.363 ± 0.187 $\chi^2/\text{NDF}: 113.1/6$

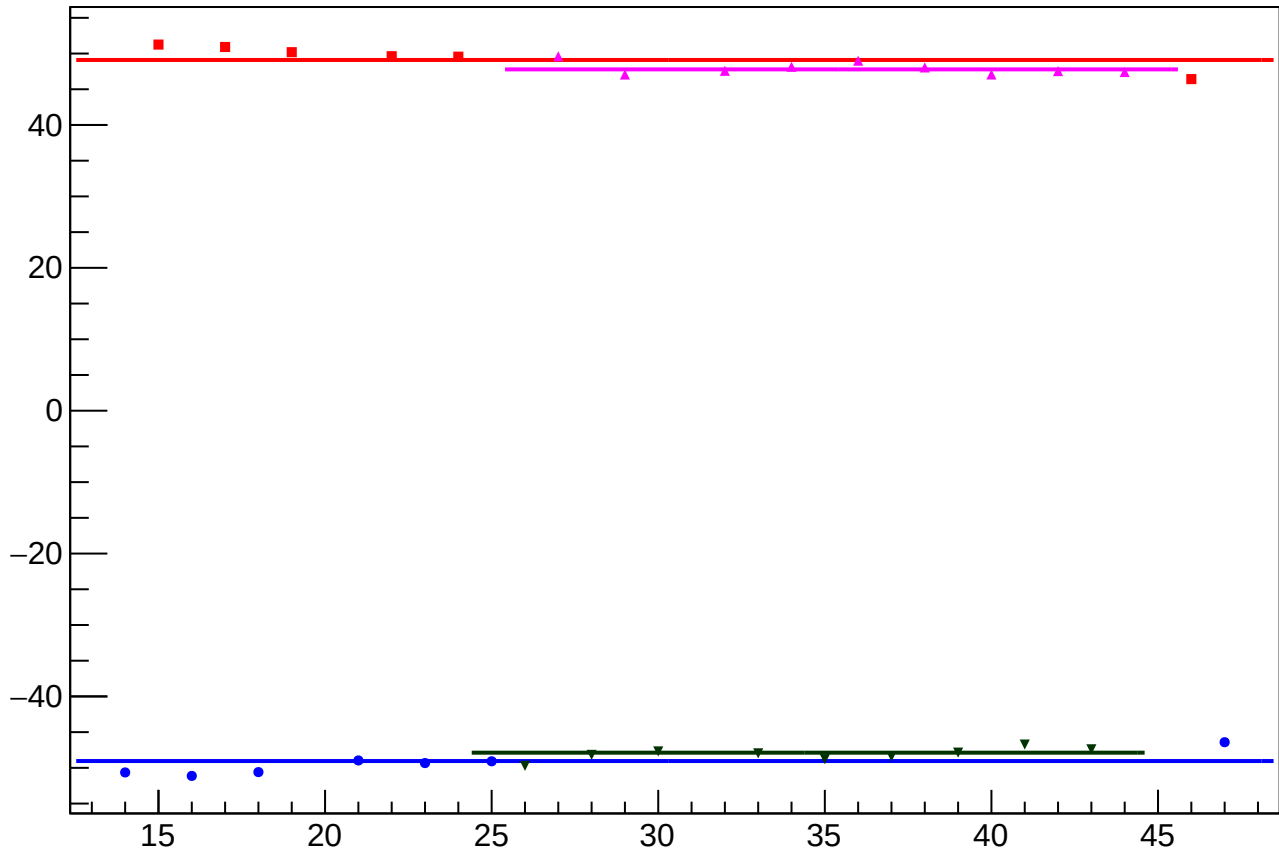
Left Out: -1.152 ± 0.140 $\chi^2/\text{NDF}: 288.7/8$

Right Out: 4.011 ± 0.209 $\chi^2/\text{NDF}: 224.9/5$

Left In: -0.855 ± 0.124 $\chi^2/\text{NDF}: 482.1/8$

-1.047 ± 0.077 $\chi^2/\text{NDF}: 2231.5/30$

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -49.046±/-0.044 χ^2/NDF : 1655.6/6

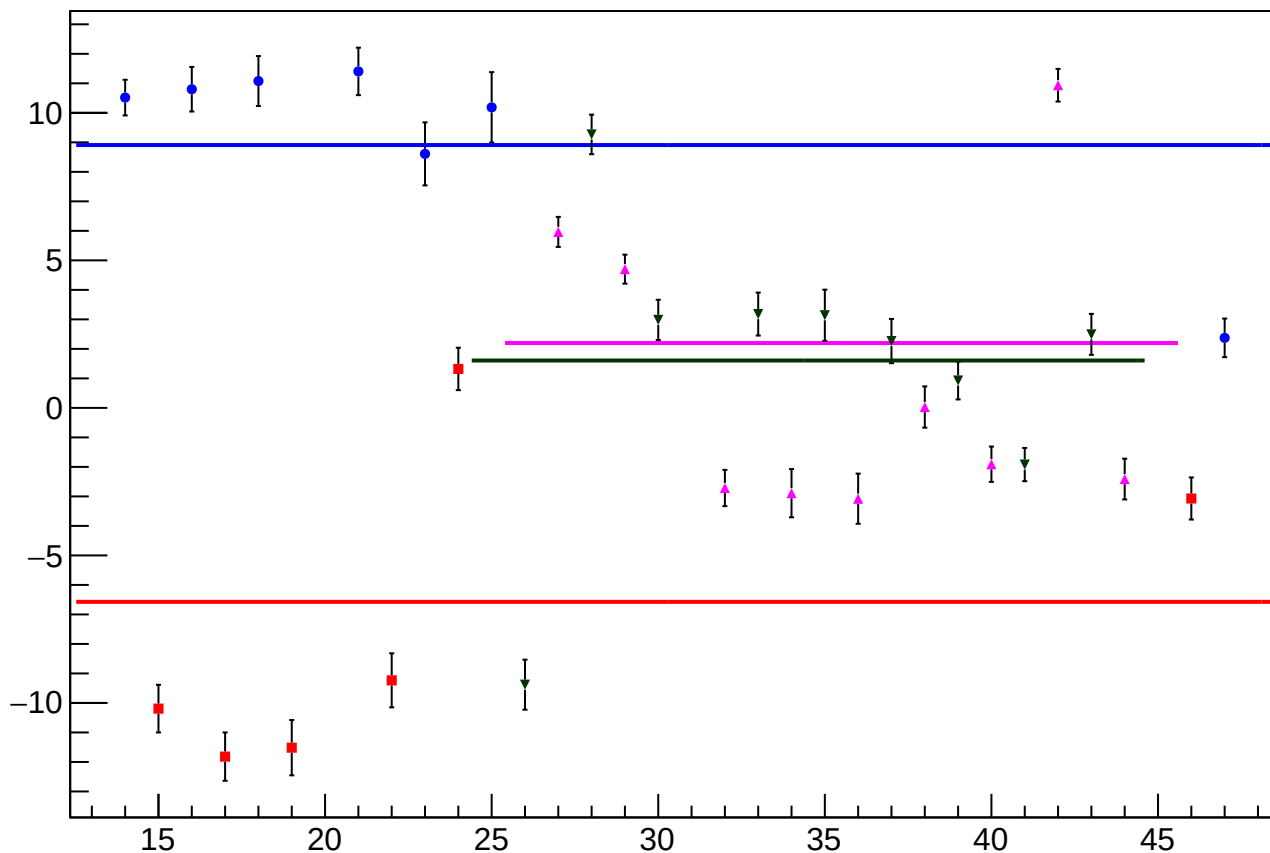
Left Out: -47.875±/-0.031 χ^2/NDF : 531.8/8

Right Out: 49.101±/-0.049 χ^2/NDF : 1446.0/5

Left In: 47.781±/-0.029 χ^2/NDF : 693.0/8

0.951±/-0.018 χ^2/NDF : 7246221.1/30

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 8.908 ± 0.297 χ^2/NDF : 130.4/6

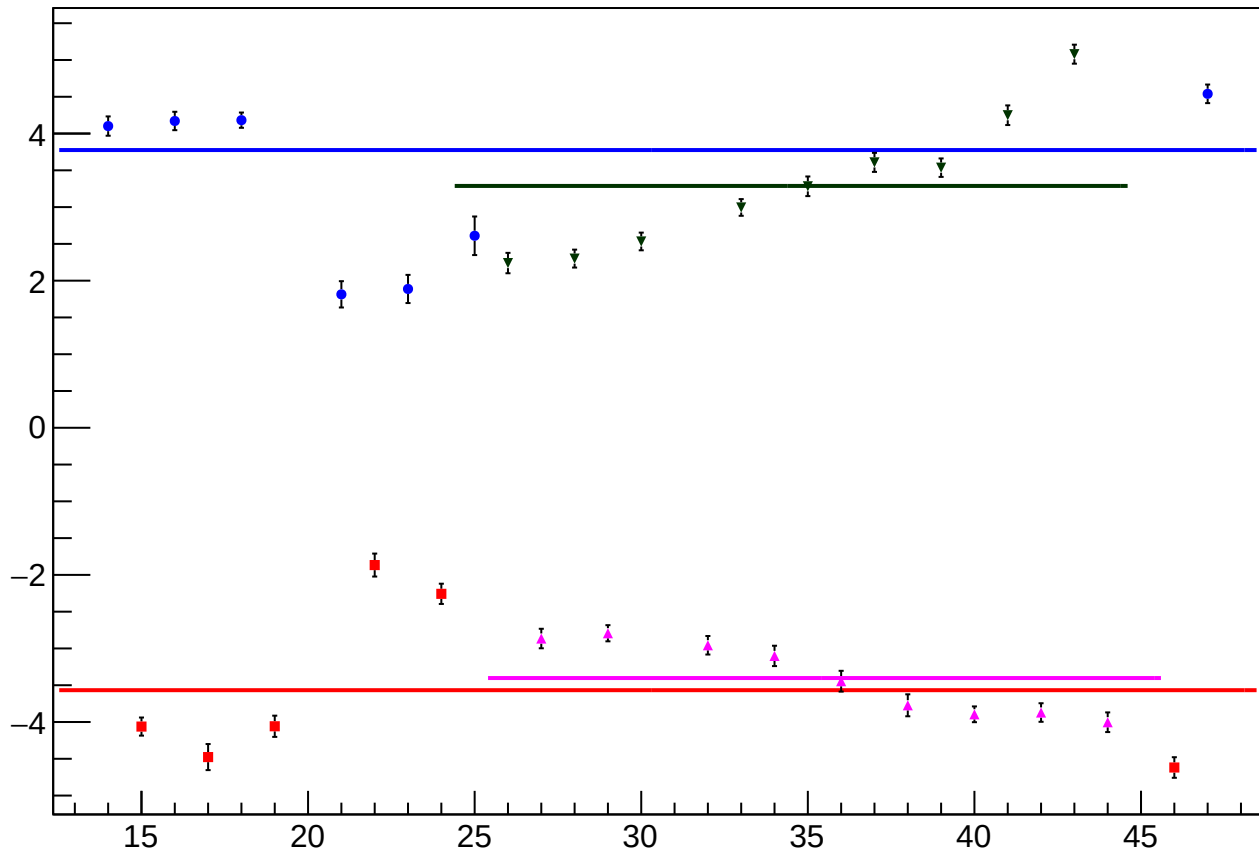
Left Out: 1.606 ± 0.233 χ^2/NDF : 353.3/8

Right Out: -6.573 ± 0.329 χ^2/NDF : 242.1/5

Left In: 2.198 ± 0.205 χ^2/NDF : 572.5/8

1.944 ± 0.126 χ^2/NDF : 2523.8/30

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 3.776 ± 0.053 $\chi^2/\text{NDF}: 305.4/6$

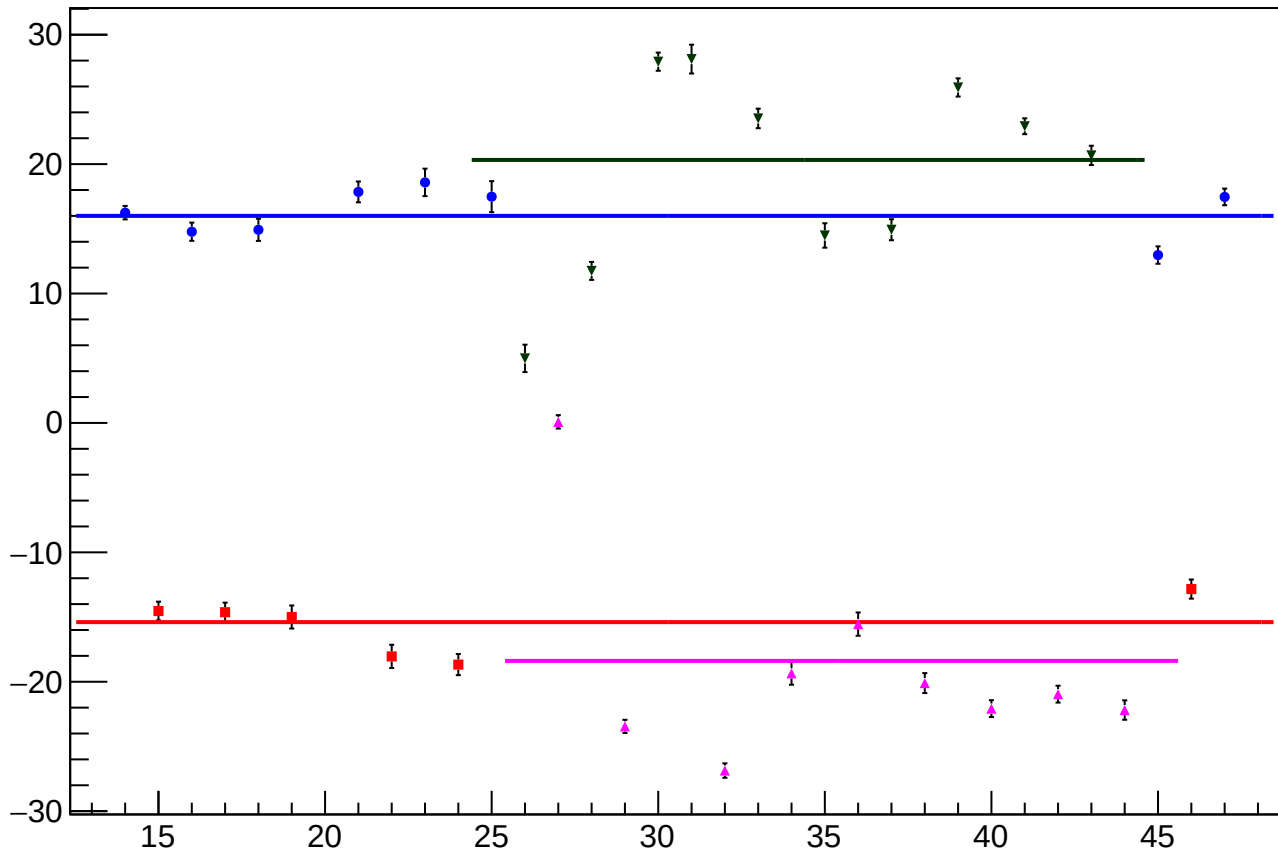
Left Out: 3.288 ± 0.042 $\chi^2/\text{NDF}: 423.4/8$

0.137 ± 0.024 $\chi^2/\text{NDF}: 22341.8/30$

Right Out: -3.567 ± 0.059 $\chi^2/\text{NDF}: 319.7/5$

Left In: -3.402 ± 0.042 $\chi^2/\text{NDF}: 125.8/8$

reg_asym_left_avg_diff_bpm4aX_slope vs slug



Right In: 16.001+/-0.260 χ^2/NDF : 43.0/7

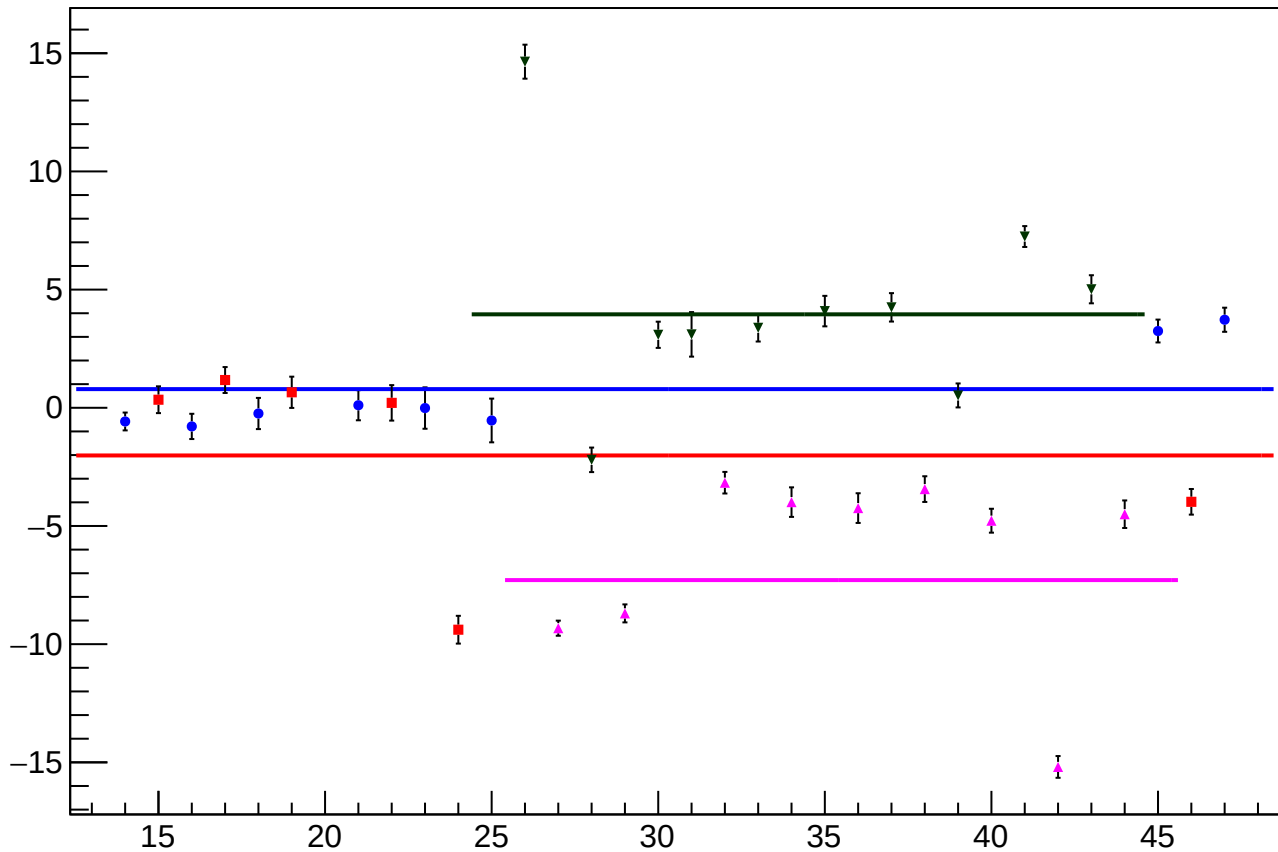
Left Out: 20.323+/-0.245 χ^2/NDF : 709.6/9

Right Out: -15.393+/-0.323 χ^2/NDF : 39.5/5

Left In: -18.390+/-0.216 χ^2/NDF : 1685.1/8

0.539+/-0.126 χ^2/NDF : 22659.0/32

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: 0.790 ± 0.197 χ^2/NDF : 87.3/7

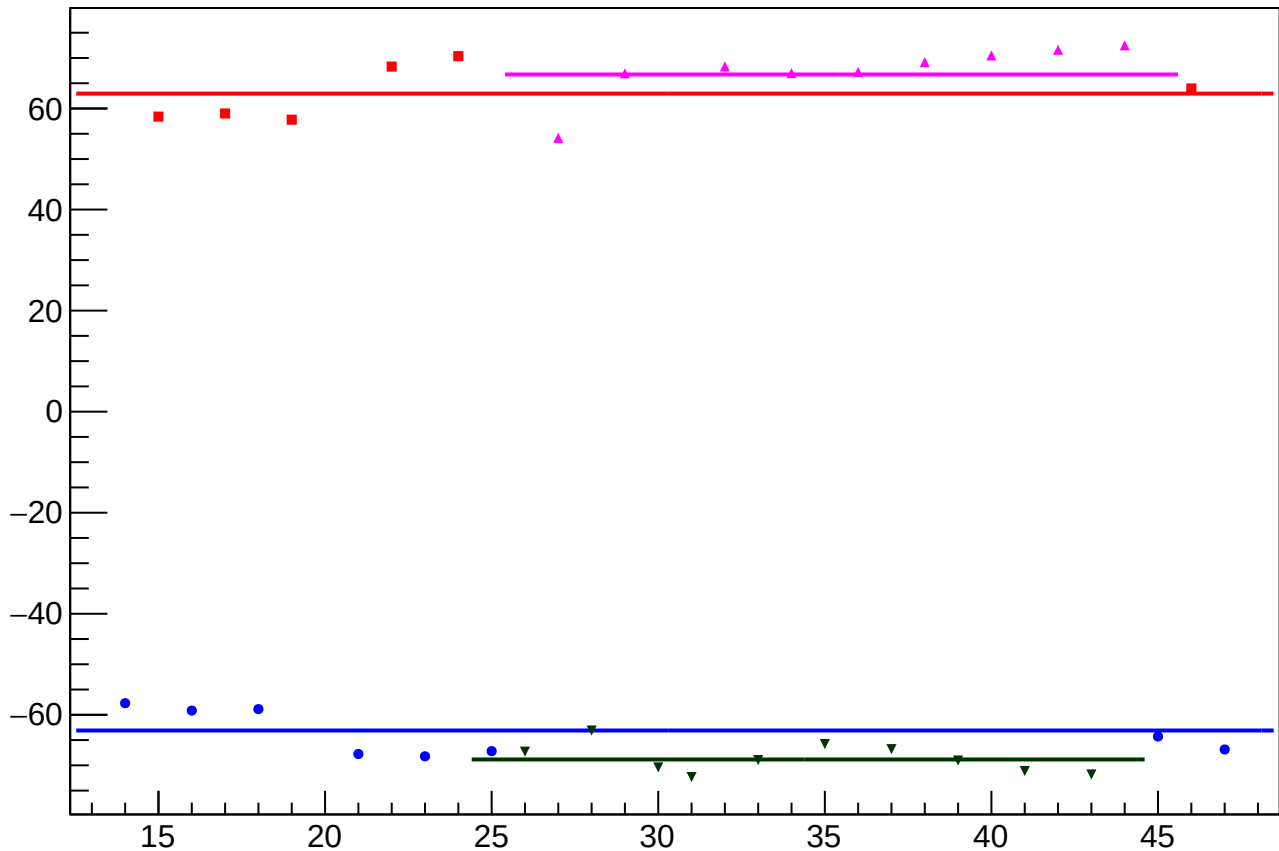
Left Out: 3.954 ± 0.183 χ^2/NDF : 470.5/9

Right Out: -2.017 ± 0.244 χ^2/NDF : 246.7/5

Left In: -7.289 ± 0.155 χ^2/NDF : 579.9/8

-1.730 ± 0.094 χ^2/NDF : 3803.3/32

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -63.107 $\pm$ 0.047 χ^2/NDF : 7889.9/7

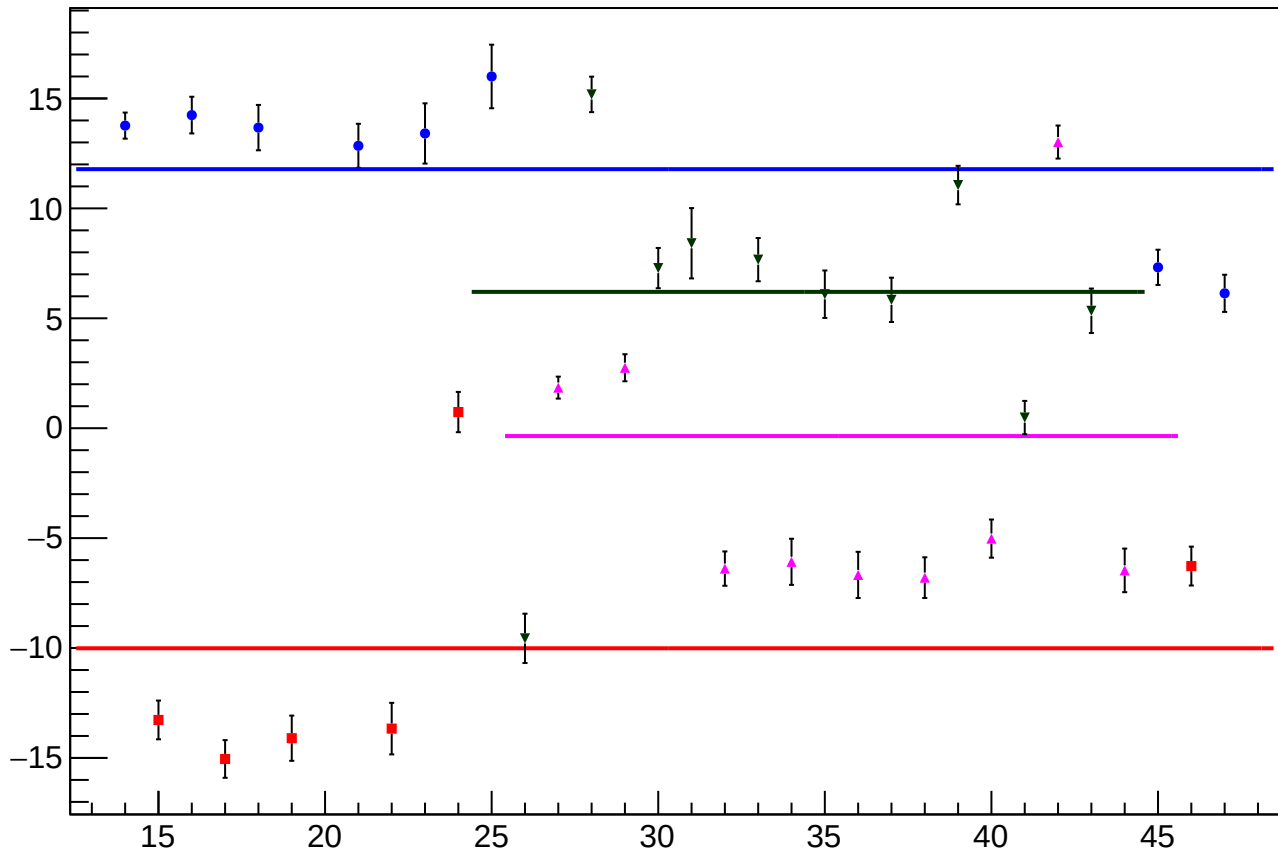
Left Out: -68.841 $\pm$ 0.040 χ^2/NDF : 4612.8/9

Right Out: 62.957 $\pm$ 0.058 χ^2/NDF : 6152.7/5

Left In: 66.738 $\pm$ 0.037 χ^2/NDF : 23839.1/8

-2.095 $\pm$ 0.022 χ^2/NDF : 9134096.2/32

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 11.784 ± 0.313 $\chi^2/\text{NDF}: 109.9/7$

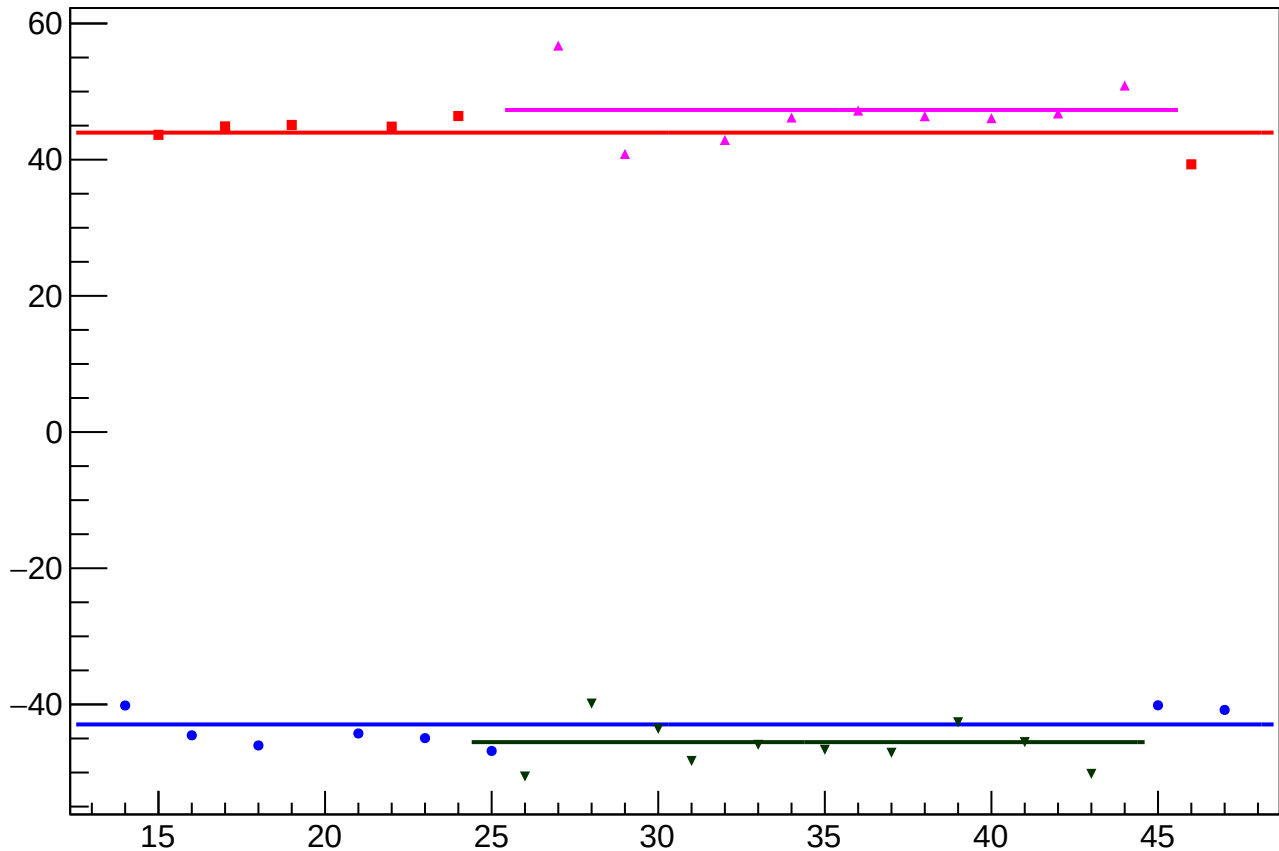
Left Out: 6.202 ± 0.304 $\chi^2/\text{NDF}: 415.3/9$

Right Out: -10.012 ± 0.384 $\chi^2/\text{NDF}: 229.0/5$

Left In: -0.356 ± 0.255 $\chi^2/\text{NDF}: 602.4/8$

2.630 ± 0.152 $\chi^2/\text{NDF}: 3569.7/32$

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -42.937 $\pm$ 0.059 χ^2 /NDF: 1864.5/7

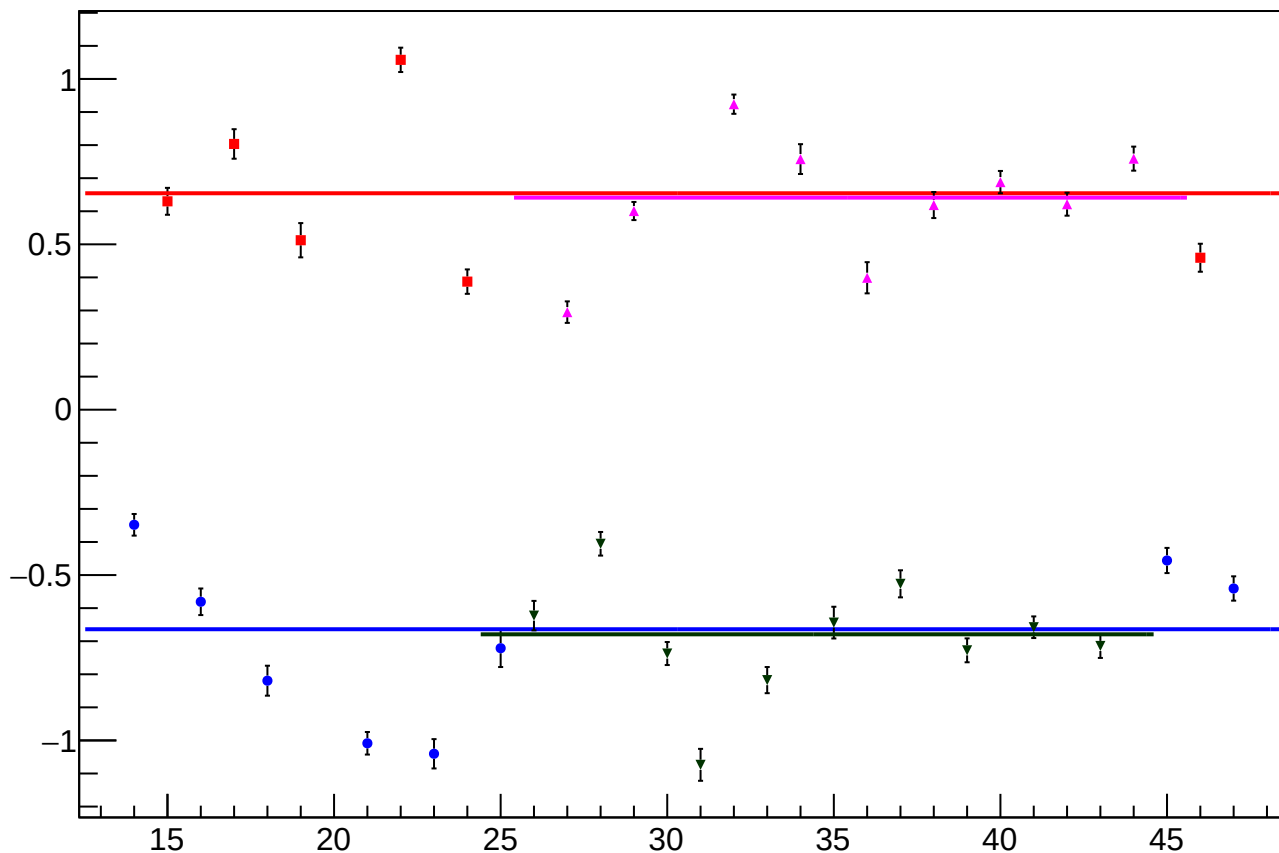
Left Out: -45.536 $\pm$ 0.055 χ^2 /NDF: 3476.0/9

Right Out: 43.972 $\pm$ 0.068 χ^2 /NDF: 1009.5/5

Left In: 47.301 $\pm$ 0.054 χ^2 /NDF: 8552.3/8

-1.612 $\pm$ 0.029 χ^2 /NDF: 2405762.7/32

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.664 ± 0.014 χ^2/NDF : 325.6/7

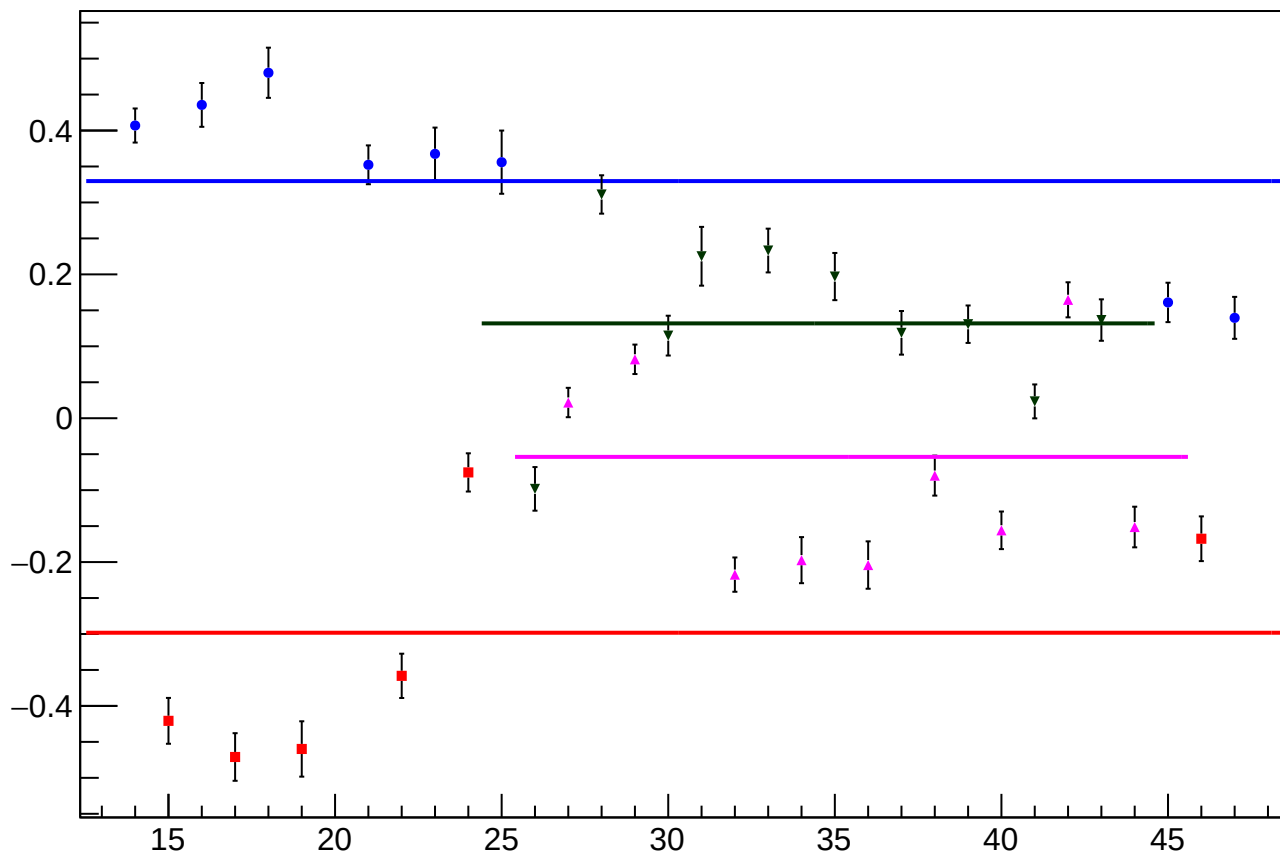
Left Out: -0.679 ± 0.012 χ^2/NDF : 159.8/9

Right Out: 0.654 ± 0.017 χ^2/NDF : 212.6/5

Left In: 0.641 ± 0.012 χ^2/NDF : 255.8/8

-0.037 ± 0.007 χ^2/NDF : 10860.0/32

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.330 ± 0.011 χ^2/NDF : 123.9/7

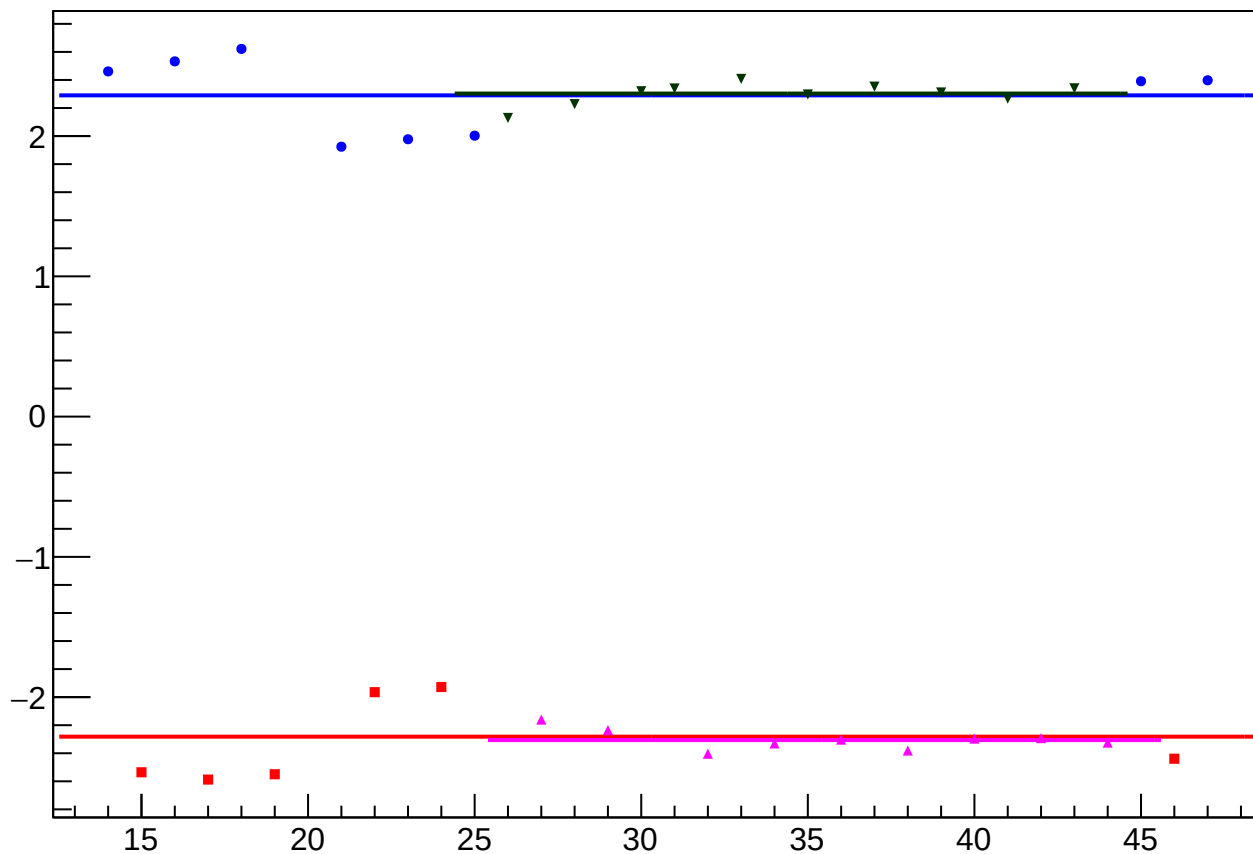
Left Out: 0.132 ± 0.009 χ^2/NDF : 144.7/9

Right Out: -0.298 ± 0.013 χ^2/NDF : 151.4/5

Left In: -0.054 ± 0.008 χ^2/NDF : 253.9/8

0.047 ± 0.005 χ^2/NDF : 2333.1/32

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.290 $\pm$ 0.002 χ^2 /NDF: 9837.7/7

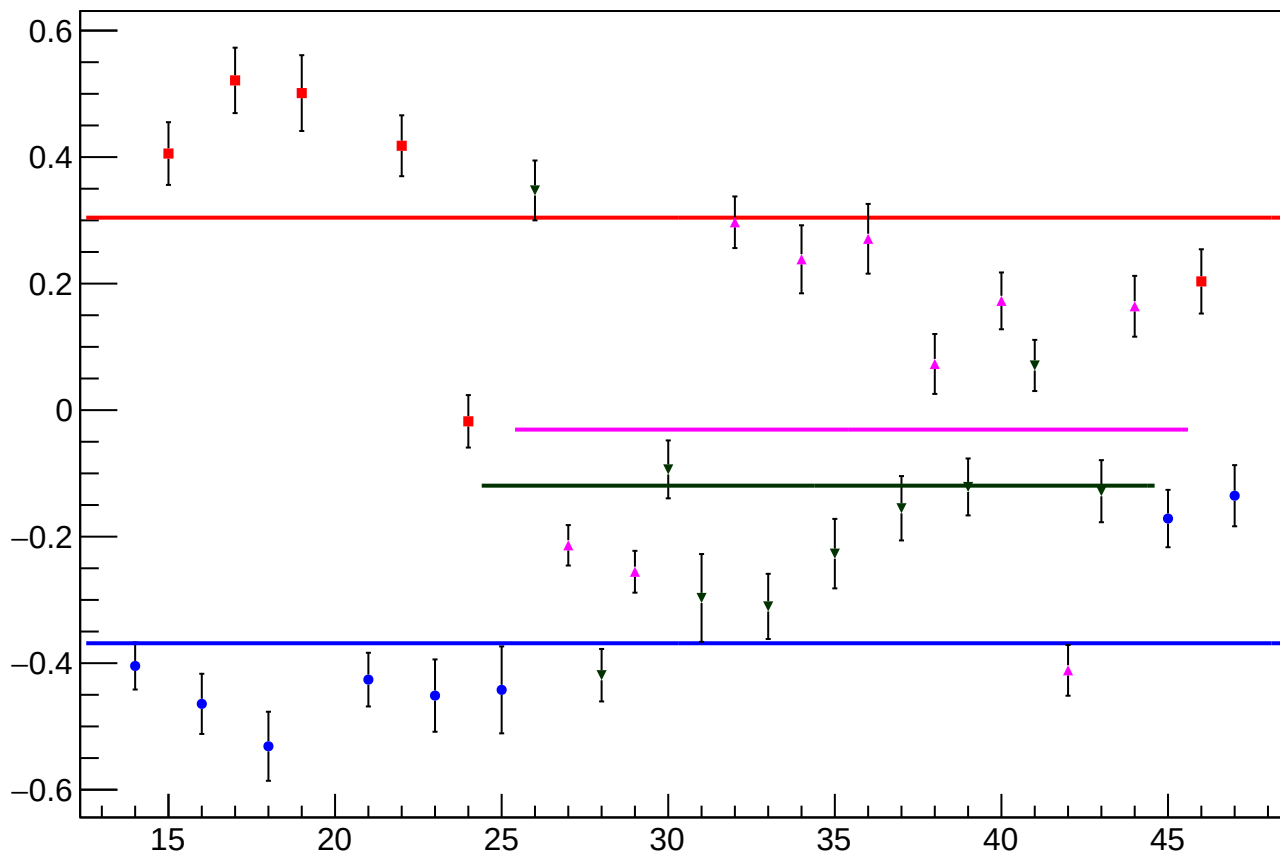
Left Out: 2.303 $\pm$ 0.002 χ^2 /NDF: 1196.2/9

Right Out: -2.282 $\pm$ 0.003 χ^2 /NDF: 8528.2/5

Left In: -2.306 $\pm$ 0.002 χ^2 /NDF: 1460.0/8

0.137 $\pm$ 0.001 χ^2 /NDF: 4100093.0/32

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.368 ± 0.017 χ^2/NDF : 61.1/7

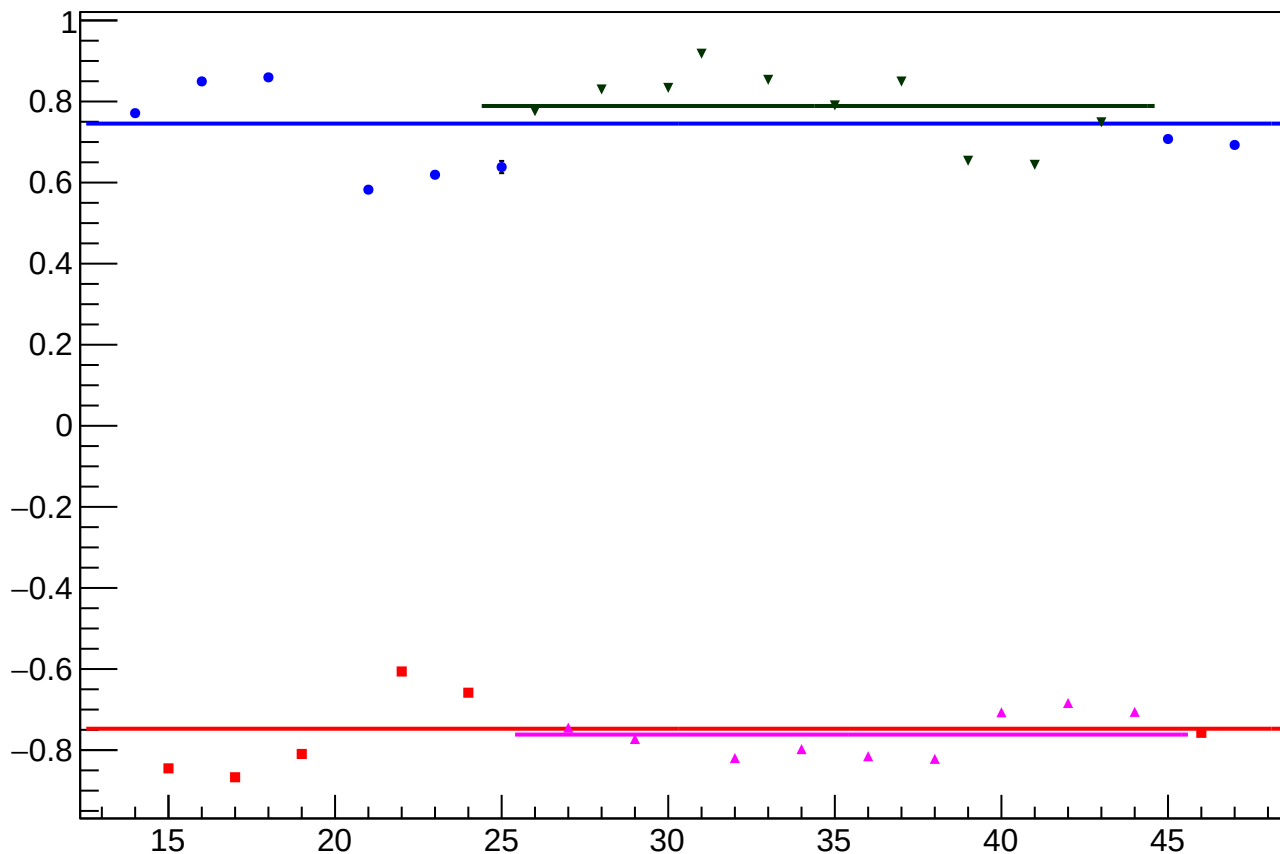
Left Out: -0.119 ± 0.015 χ^2/NDF : 196.5/9

Right Out: 0.304 ± 0.020 χ^2/NDF : 102.4/5

Left In: -0.031 ± 0.014 χ^2/NDF : 330.1/8

-0.078 ± 0.008 χ^2/NDF : 1362.7/32

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.746+/-0.003 χ^2/NDF : 1020.4/7

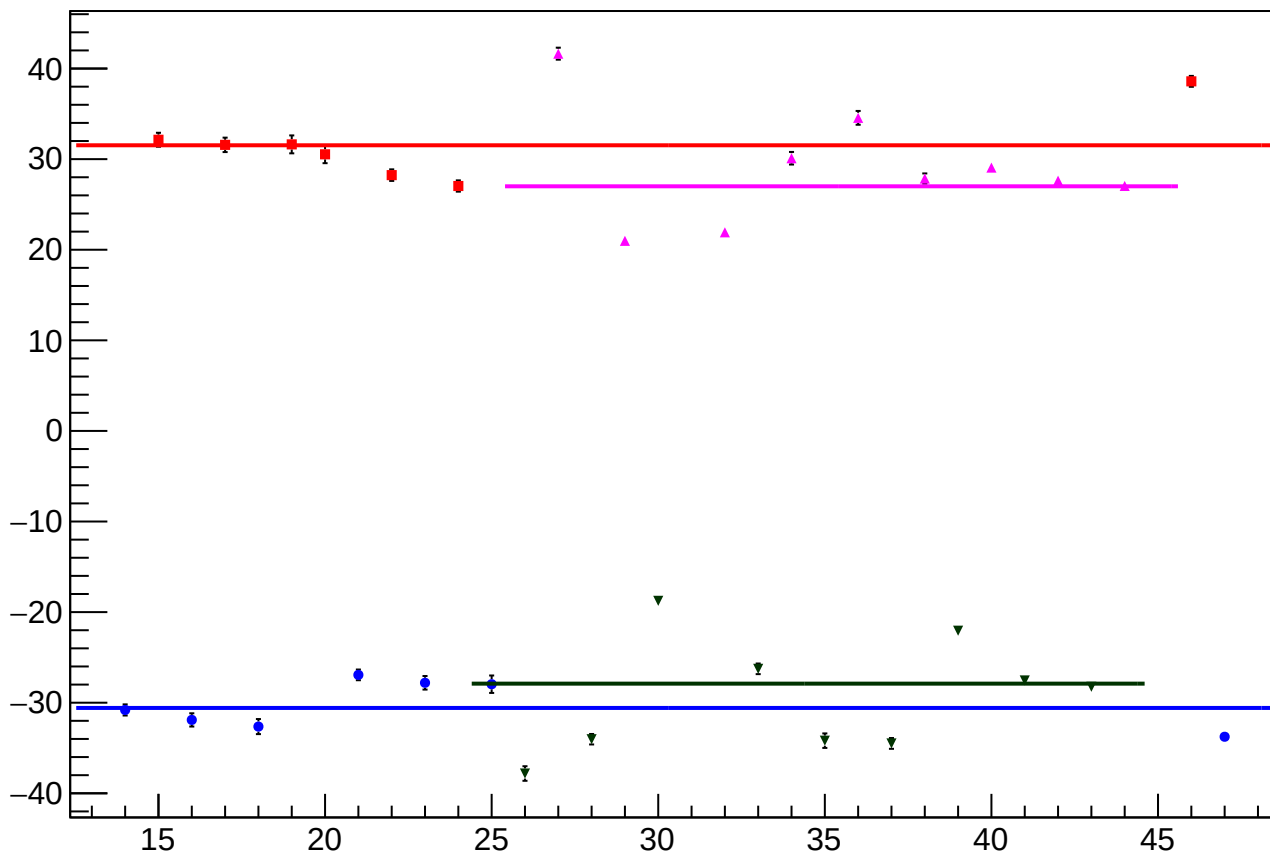
Left Out: 0.789+/-0.003 χ^2/NDF : 762.0/9

Right Out: -0.747+/-0.004 χ^2/NDF : 748.6/5

Left In: -0.762+/-0.003 χ^2/NDF : 293.1/8

0.074+/-0.002 χ^2/NDF : 253670.8/32

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -30.578+/-0.254 χ^2/NDF : 107.4/6

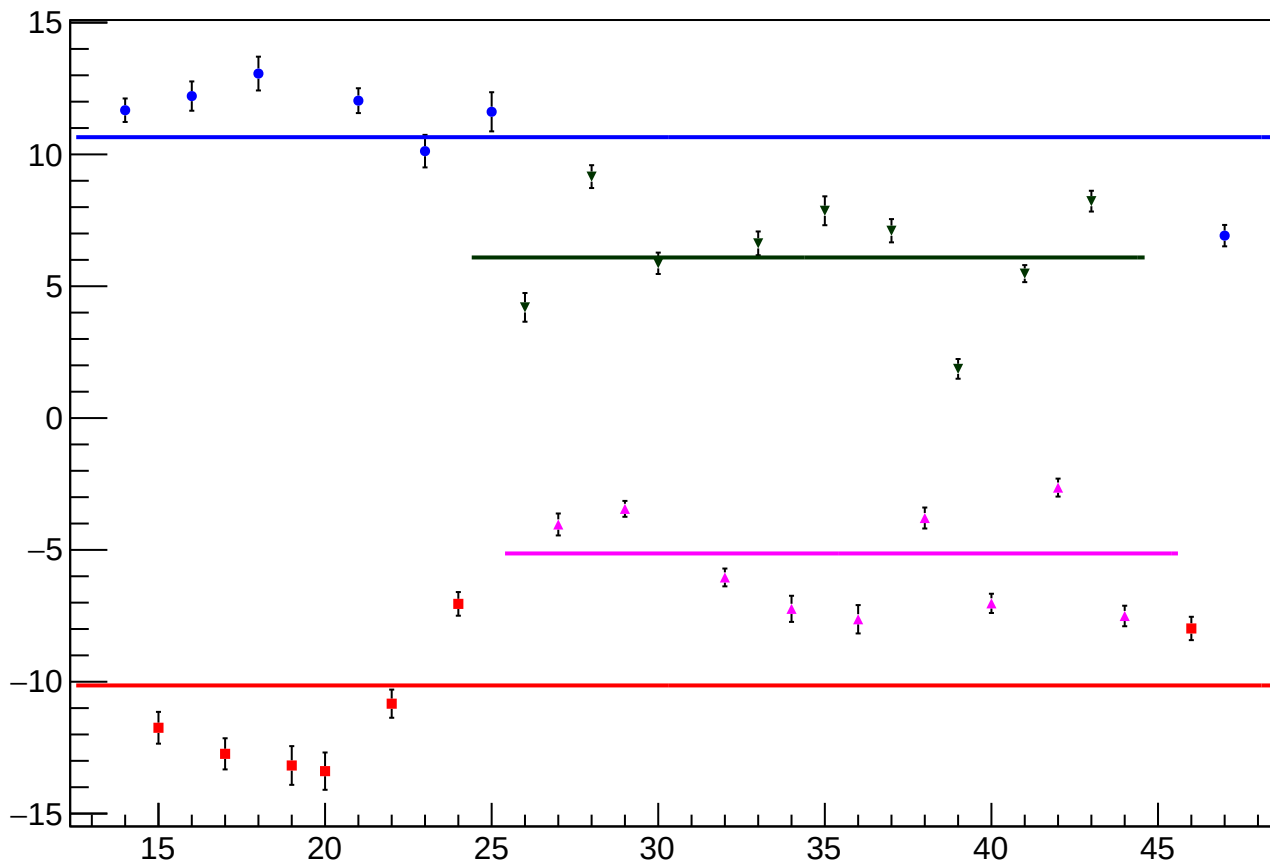
Left Out: -27.895+/-0.187 χ^2/NDF : 907.7/8

Right Out: 31.530+/-0.276 χ^2/NDF : 218.2/6

Left In: 27.002+/-0.171 χ^2/NDF : 1007.7/8

0.724+/-0.105 χ^2/NDF : 76773.2/31

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 10.653+/-0.197 χ^2/NDF : 123.0/6

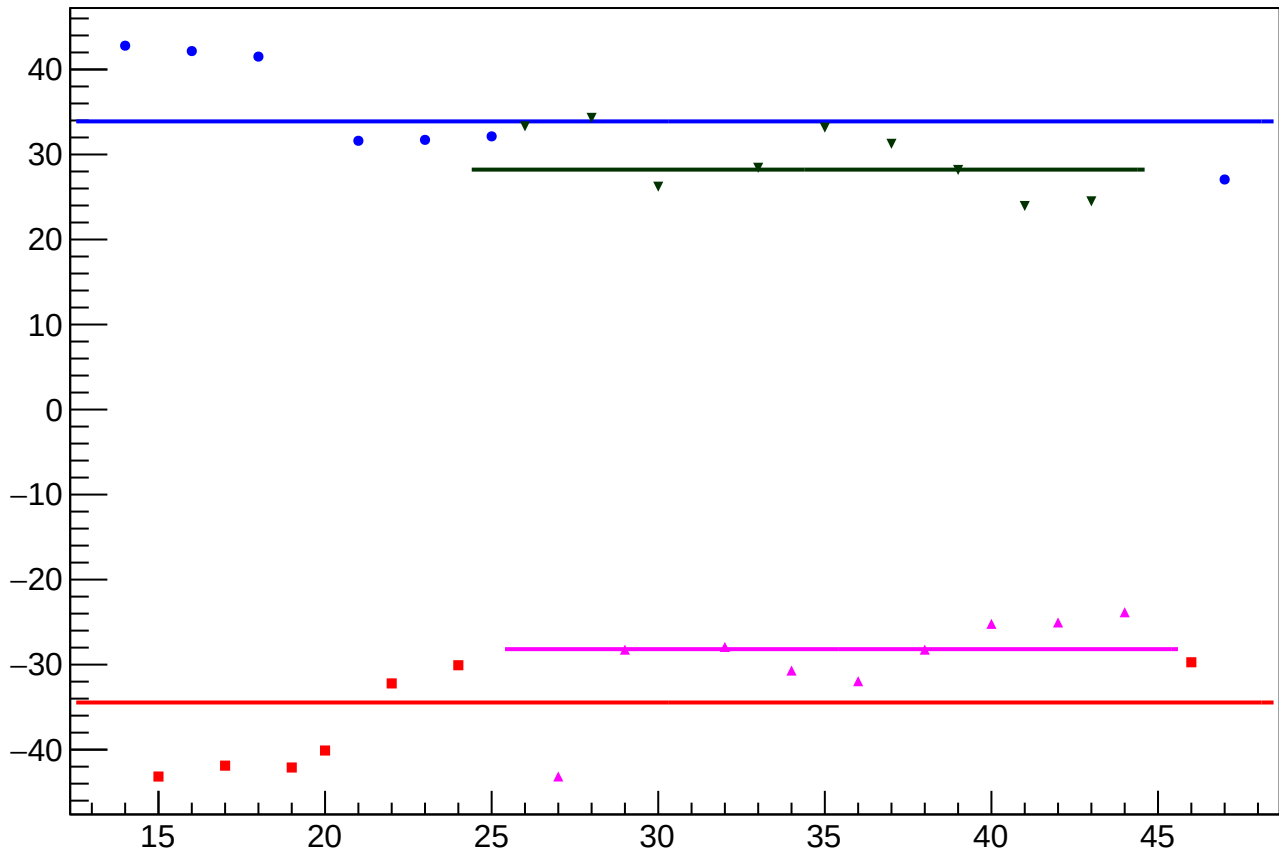
Left Out: 6.091+/-0.140 χ^2/NDF : 240.2/8

0.209+/-0.079 χ^2/NDF : 9541.3/31

Right Out: -10.140+/-0.208 χ^2/NDF : 137.6/6

Left In: -5.135+/-0.127 χ^2/NDF : 214.5/8

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 33.893+/-0.046 χ^2/NDF : 18441.9/6

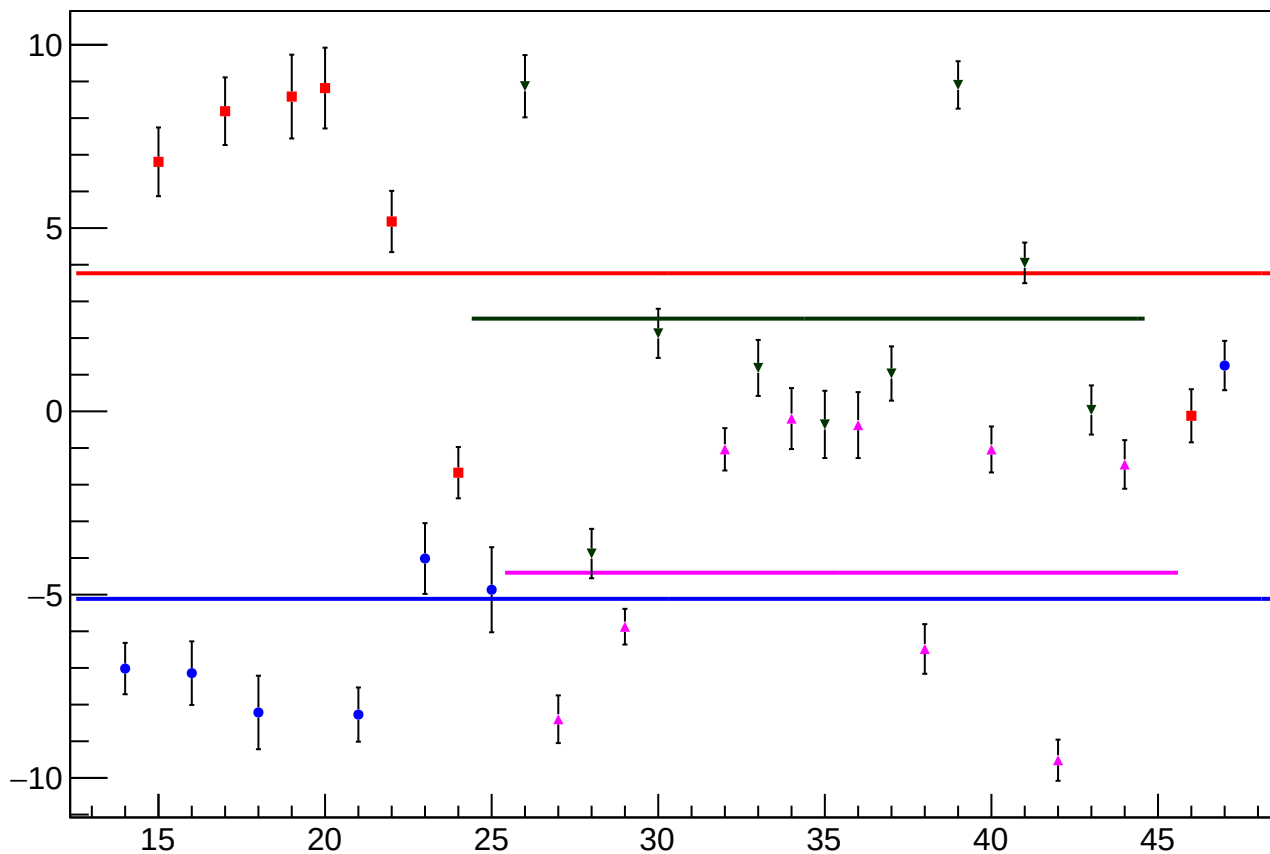
Left Out: 28.221+/-0.031 χ^2/NDF : 13048.6/8

Right Out: -34.455+/-0.049 χ^2/NDF : 12693.7/6

Left In: -28.180+/-0.029 χ^2/NDF : 23006.0/8

-0.647+/-0.018 χ^2/NDF : 2851936.9/31

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: -5.115 ± 0.313 χ^2/NDF : 131.4/6

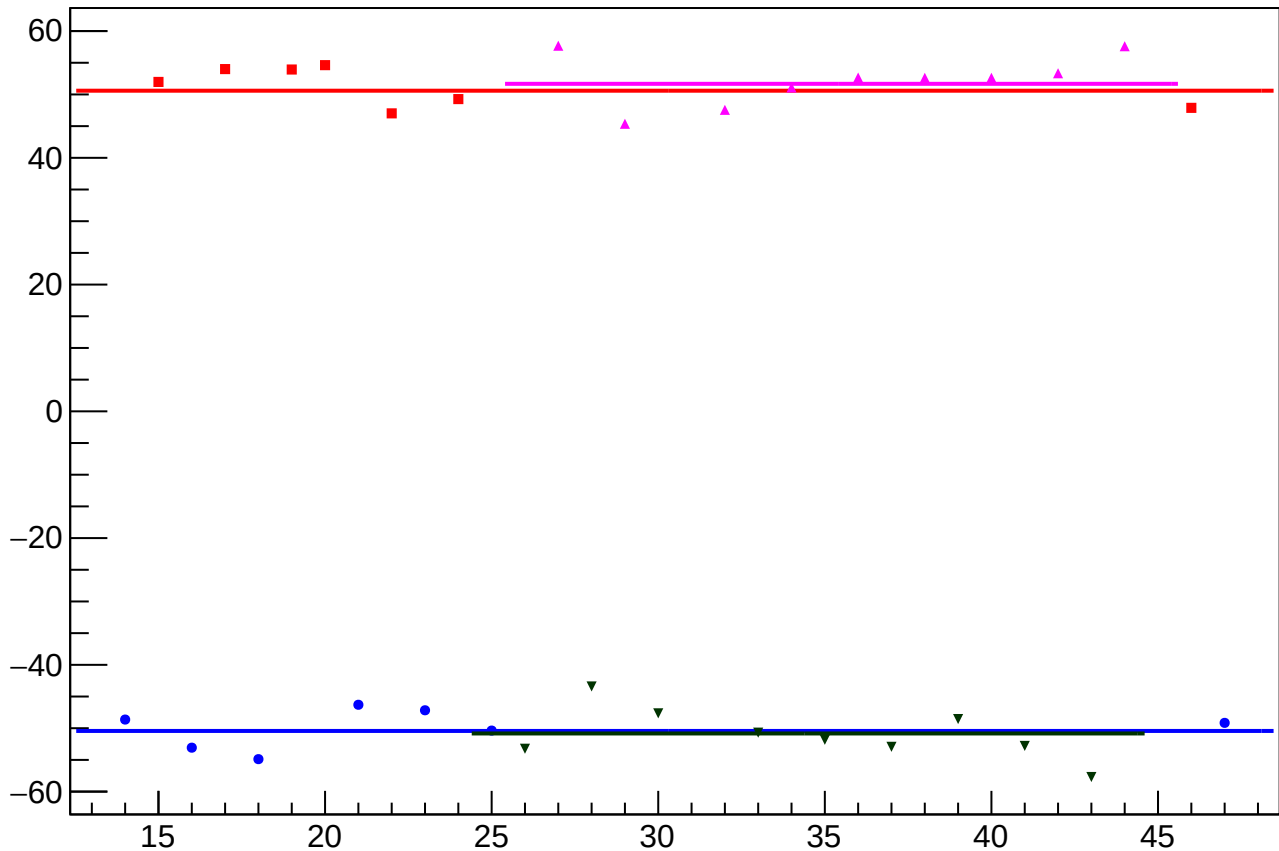
Left Out: 2.530 ± 0.233 χ^2/NDF : 282.1/8

Right Out: 3.767 ± 0.328 χ^2/NDF : 164.4/6

Left In: -4.402 ± 0.211 χ^2/NDF : 267.4/8

-1.150 ± 0.129 χ^2/NDF : 1716.6/31

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -50.431 $\pm$ 0.058 χ^2 /NDF: 2843.4/6

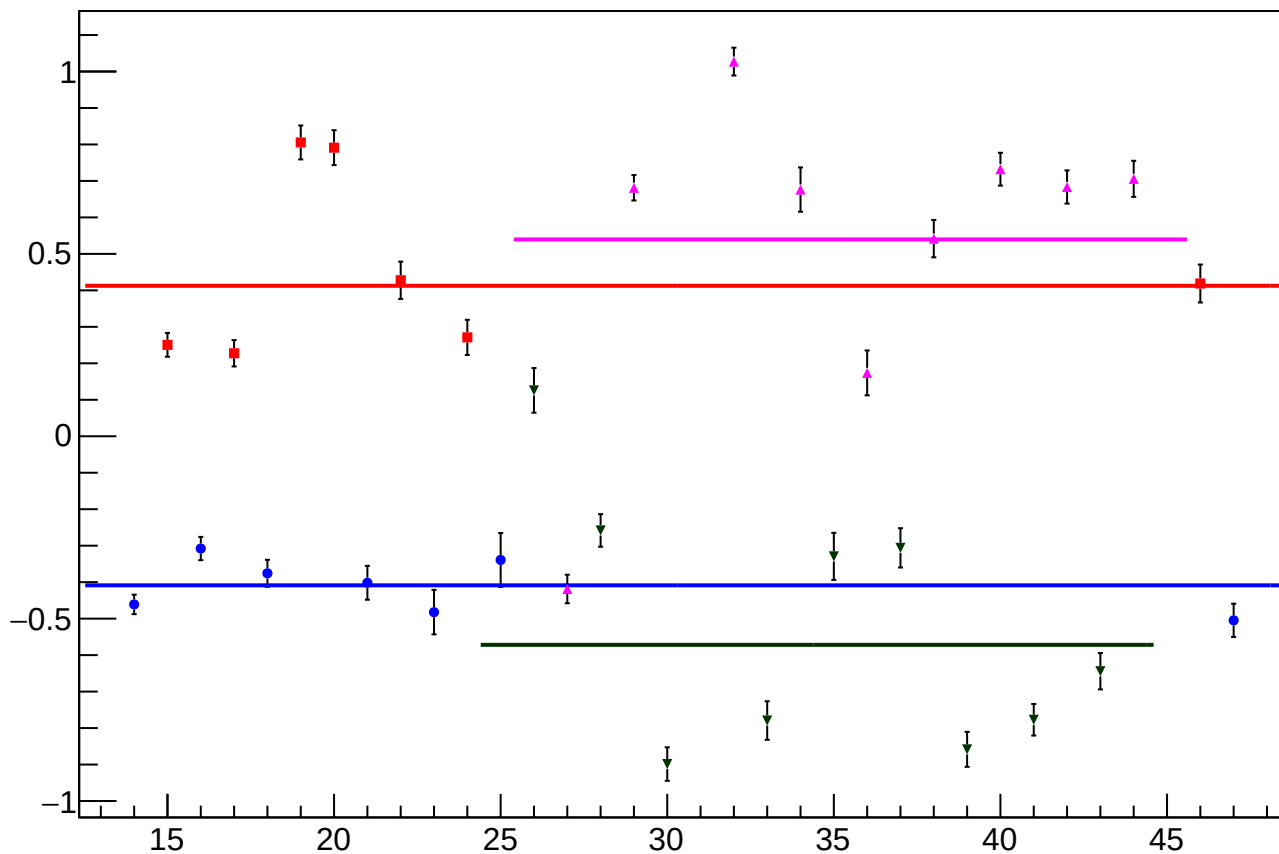
Left Out: -50.829 $\pm$ 0.043 χ^2 /NDF: 8463.4/8

Right Out: 50.592 $\pm$ 0.059 χ^2 /NDF: 2332.9/6

Left In: 51.678 $\pm$ 0.043 χ^2 /NDF: 8311.2/8

-0.527 $\pm$ 0.024 χ^2 /NDF: 4380307.6/31

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.409 ± 0.015 $\chi^2/\text{NDF}: 21.4/6$

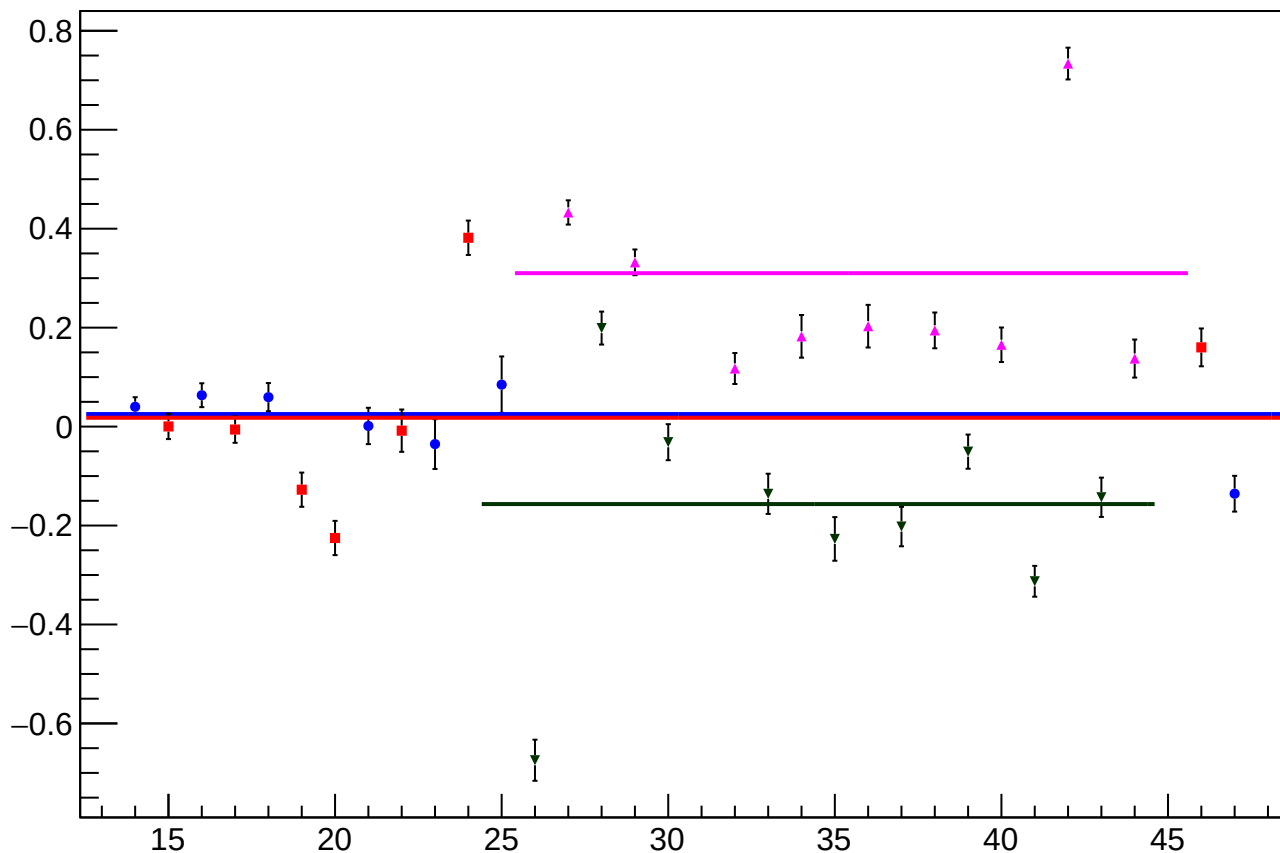
Left Out: -0.572 ± 0.017 $\chi^2/\text{NDF}: 344.3/8$

Right Out: 0.413 ± 0.016 $\chi^2/\text{NDF}: 193.5/6$

Left In: 0.540 ± 0.015 $\chi^2/\text{NDF}: 857.8/8$

0.006 ± 0.008 $\chi^2/\text{NDF}: 5276.4/31$

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: 0.025+/-0.011 χ^2/NDF : 27.3/6

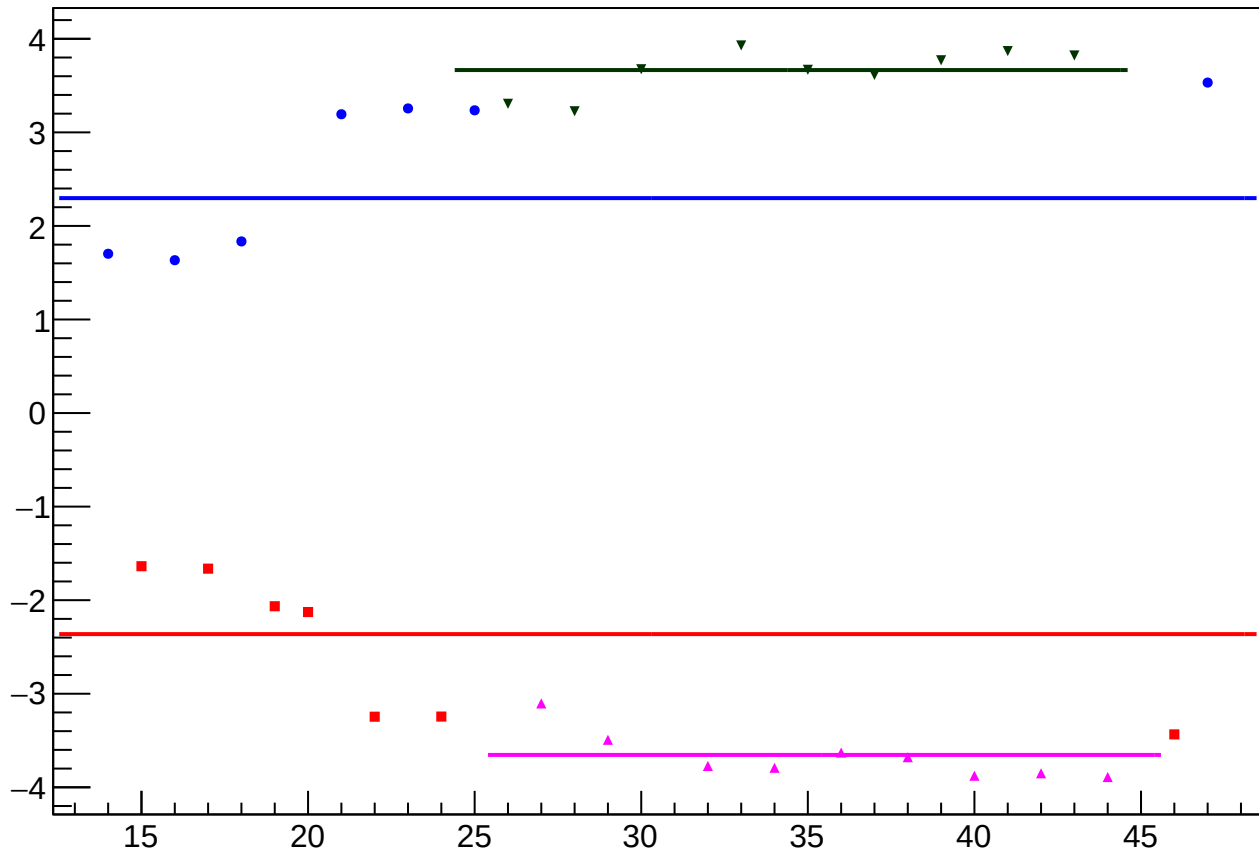
Left Out: -0.157+/-0.012 χ^2/NDF : 319.9/8

Right Out: 0.018+/-0.012 χ^2/NDF : 192.2/6

Left In: 0.310+/-0.011 χ^2/NDF : 300.2/8

0.066+/-0.006 χ^2/NDF : 1694.2/31

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 2.297 ± 0.003 $\chi^2/\text{NDF}: 79966.9/6$

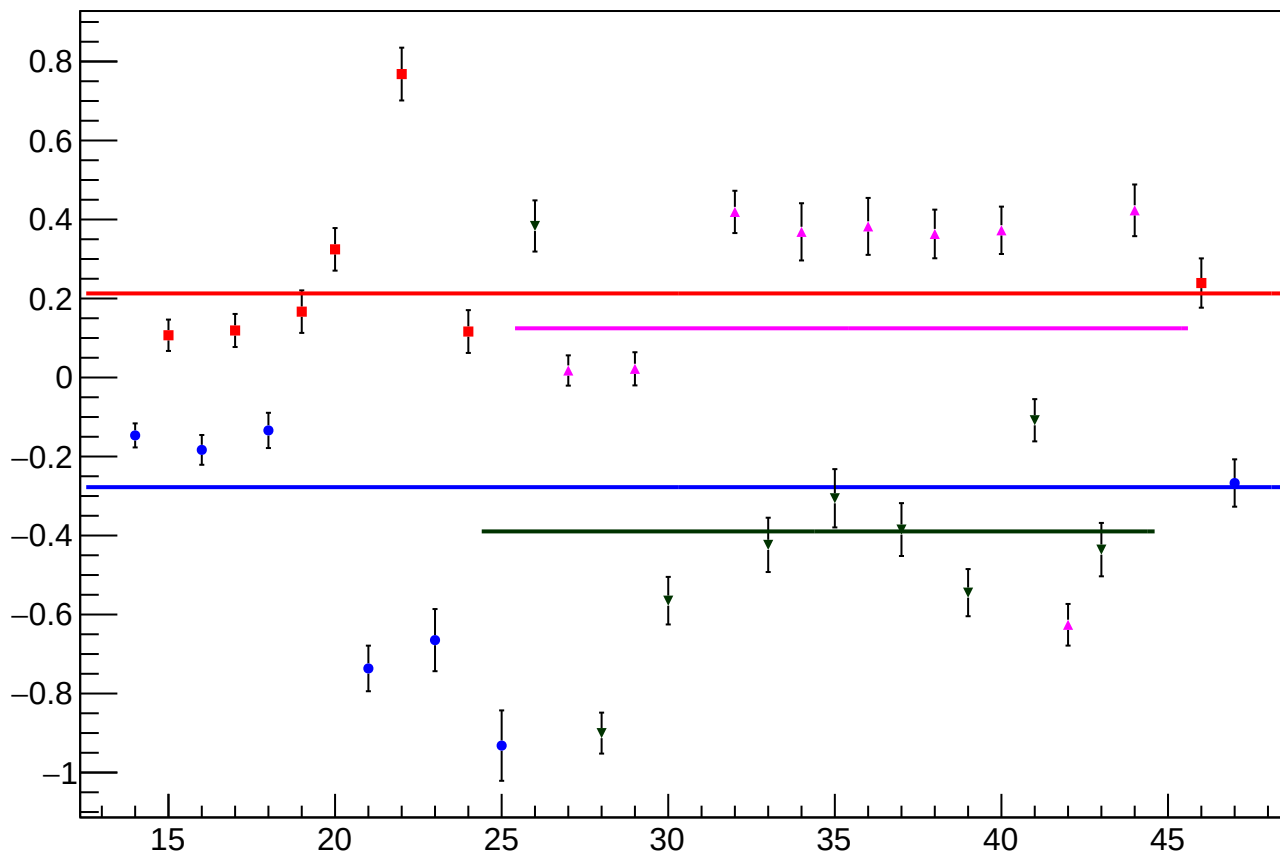
Left Out: 3.666 ± 0.003 $\chi^2/\text{NDF}: 6812.1/8$

-0.091 ± 0.001 $\chi^2/\text{NDF}: 5174888.5/31$

Right Out: -2.363 ± 0.003 $\chi^2/\text{NDF}: 62600.5/6$

Left In: -3.654 ± 0.003 $\chi^2/\text{NDF}: 9614.0/8$

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.278 ± 0.018 χ^2/NDF : 176.6/6

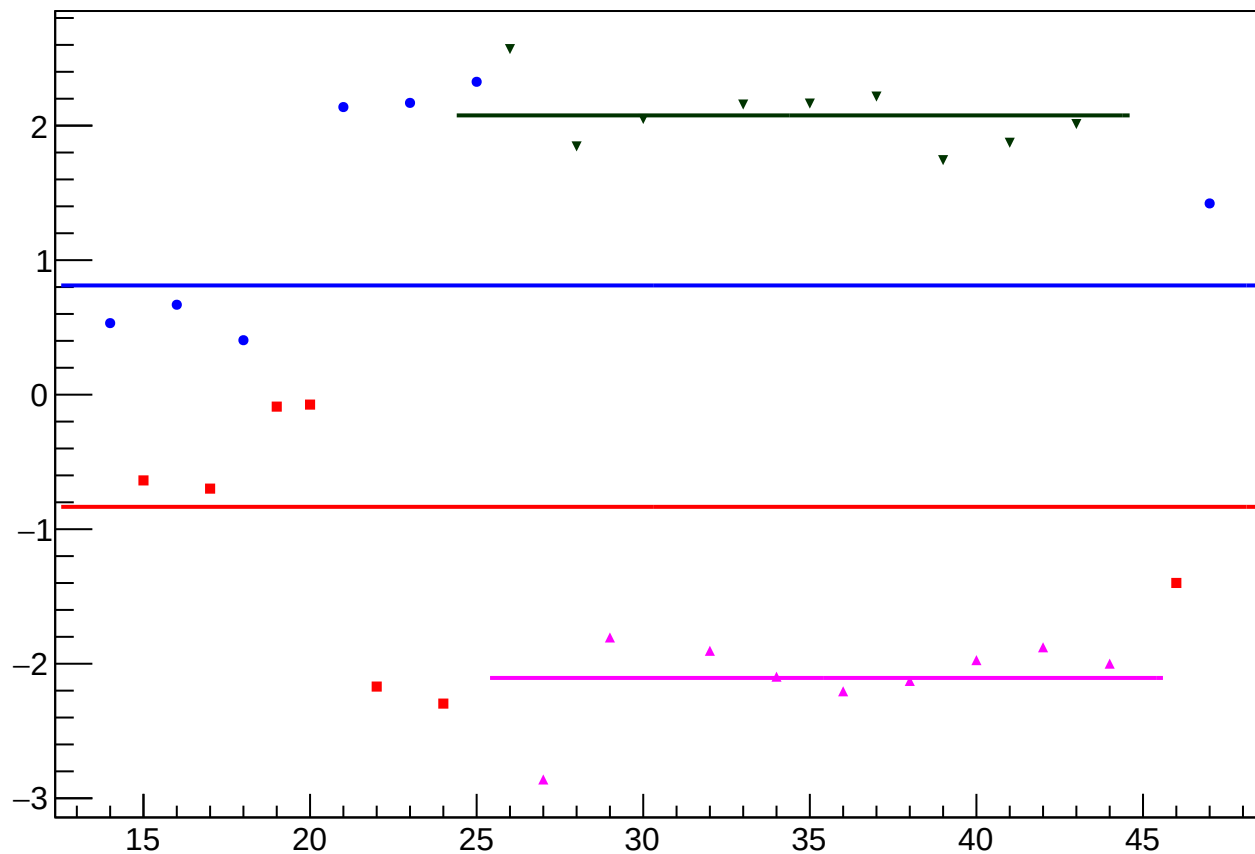
Left Out: -0.390 ± 0.021 χ^2/NDF : 284.3/8

Right Out: 0.213 ± 0.019 χ^2/NDF : 89.5/6

Left In: 0.125 ± 0.018 χ^2/NDF : 323.9/8

-0.073 ± 0.009 χ^2/NDF : 1585.5/31

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 0.812 ± 0.003 $\chi^2/\text{NDF}: 36460.8/6$

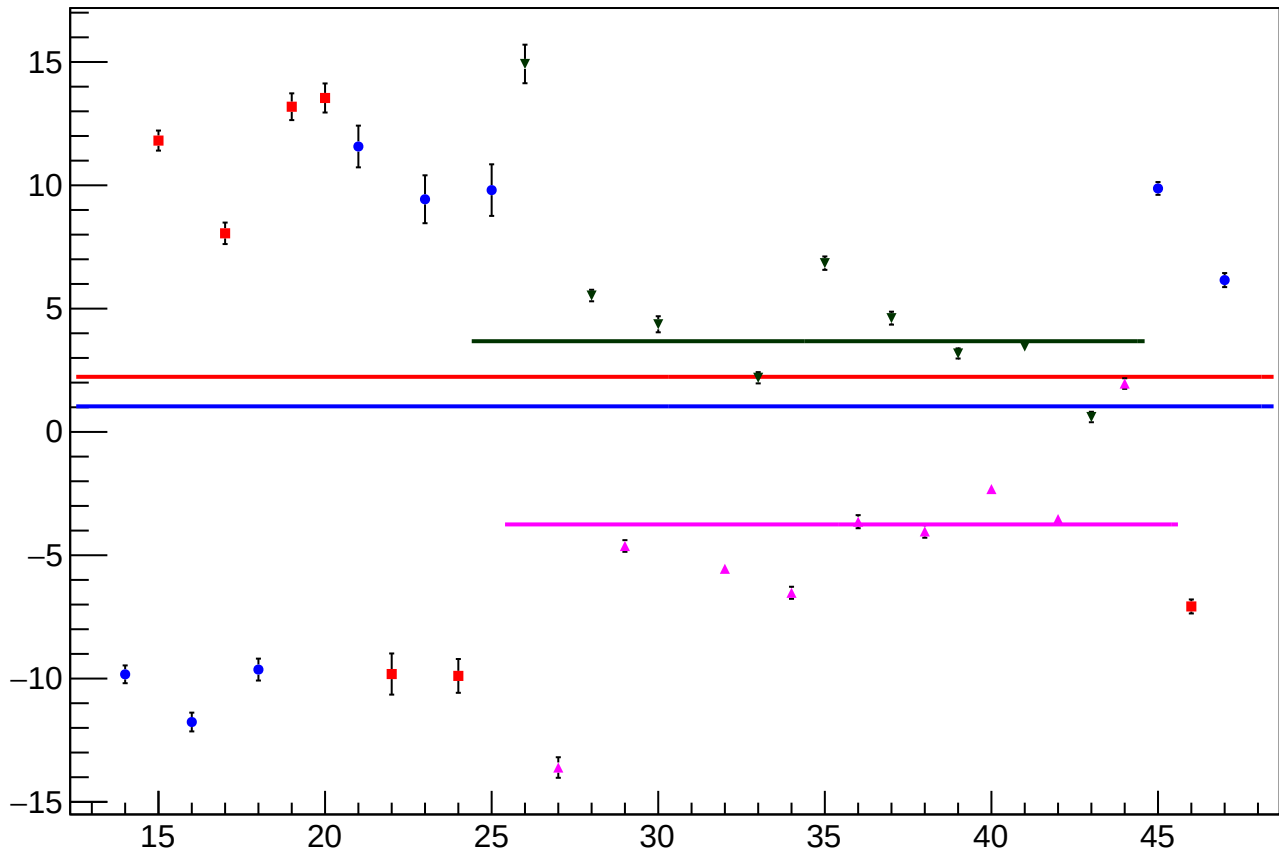
Left Out: 2.076 ± 0.004 $\chi^2/\text{NDF}: 4099.9/8$

Right Out: -0.834 ± 0.003 $\chi^2/\text{NDF}: 52333.2/6$

Left In: -2.106 ± 0.004 $\chi^2/\text{NDF}: 7840.2/8$

0.024 ± 0.002 $\chi^2/\text{NDF}: 856391.8/31$

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: 1.037 $\pm$ 0.141 χ^2 /NDF: 4402.5/7

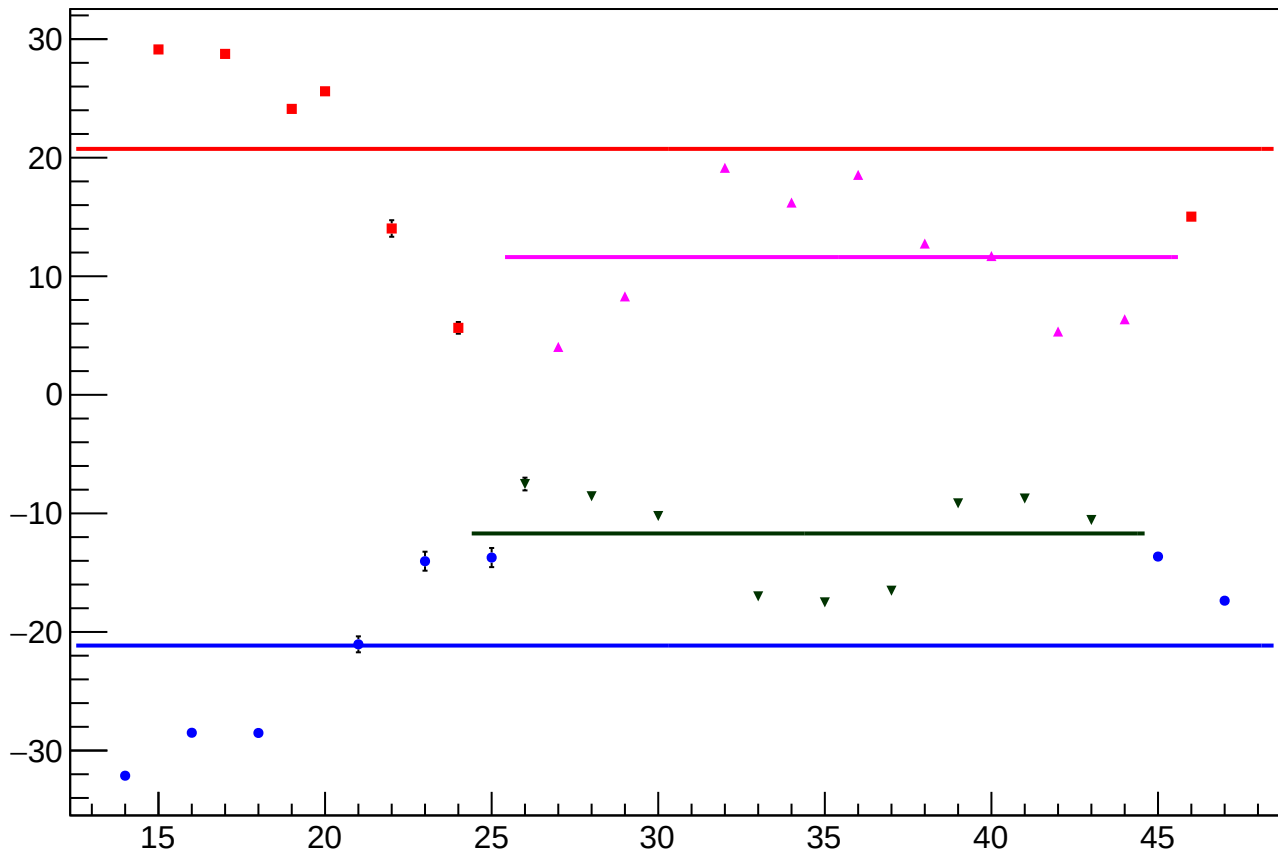
Left Out: 3.679 $\pm$ 0.081 χ^2 /NDF: 680.5/8

Right Out: 2.235 $\pm$ 0.173 χ^2 /NDF: 3104.0/6

Left In: -3.750 $\pm$ 0.076 χ^2 /NDF: 1559.7/8

0.114 $\pm$ 0.050 χ^2 /NDF: 14439.8/32

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -21.147 ± 0.106 χ^2/NDF : 4937.8/7

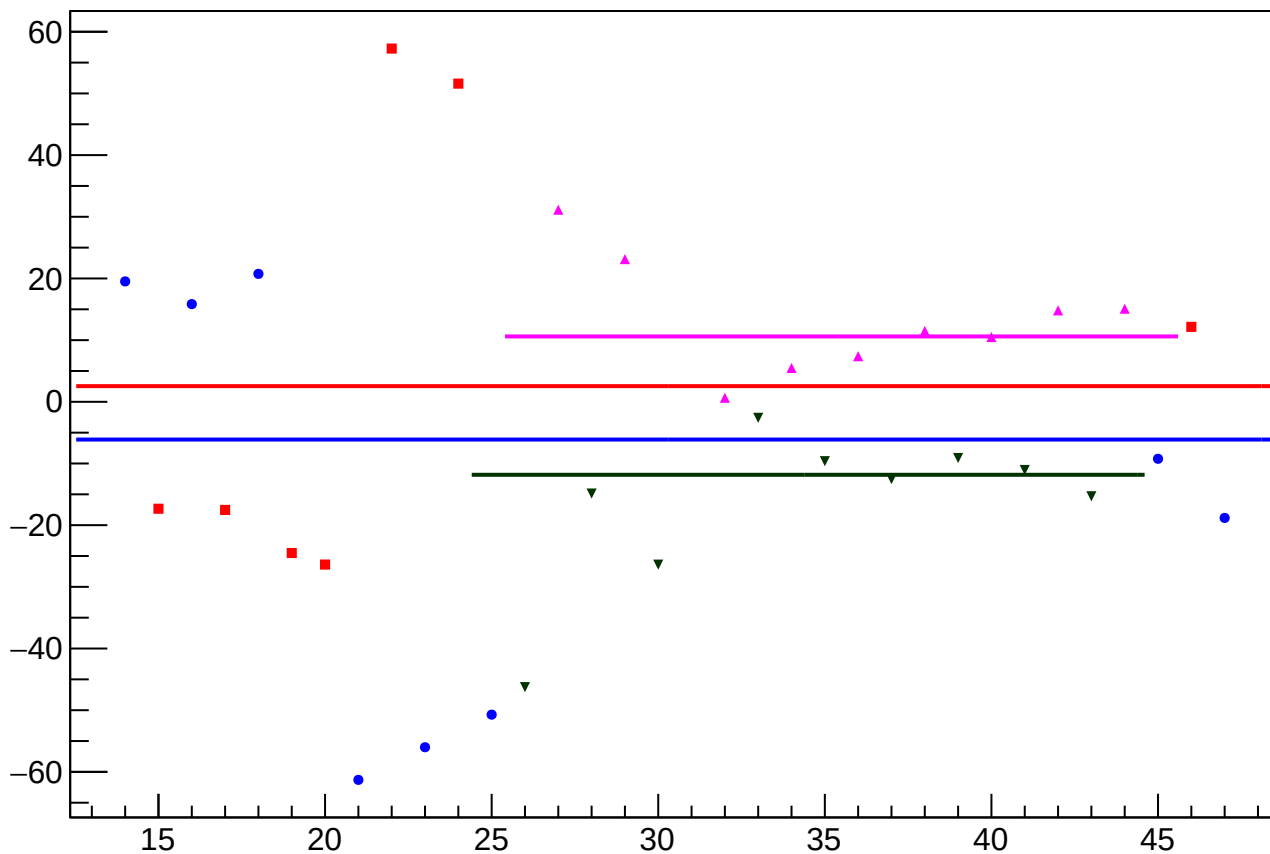
Left Out: -11.693 ± 0.060 χ^2/NDF : 3755.5/8

Right Out: 20.743 ± 0.129 χ^2/NDF : 3290.6/6

Left In: 11.617 ± 0.057 χ^2/NDF : 8593.0/8

-0.334 ± 0.037 χ^2/NDF : 166208.5/32

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: -6.118+/-0.025 χ^2/NDF : 676002.4/7

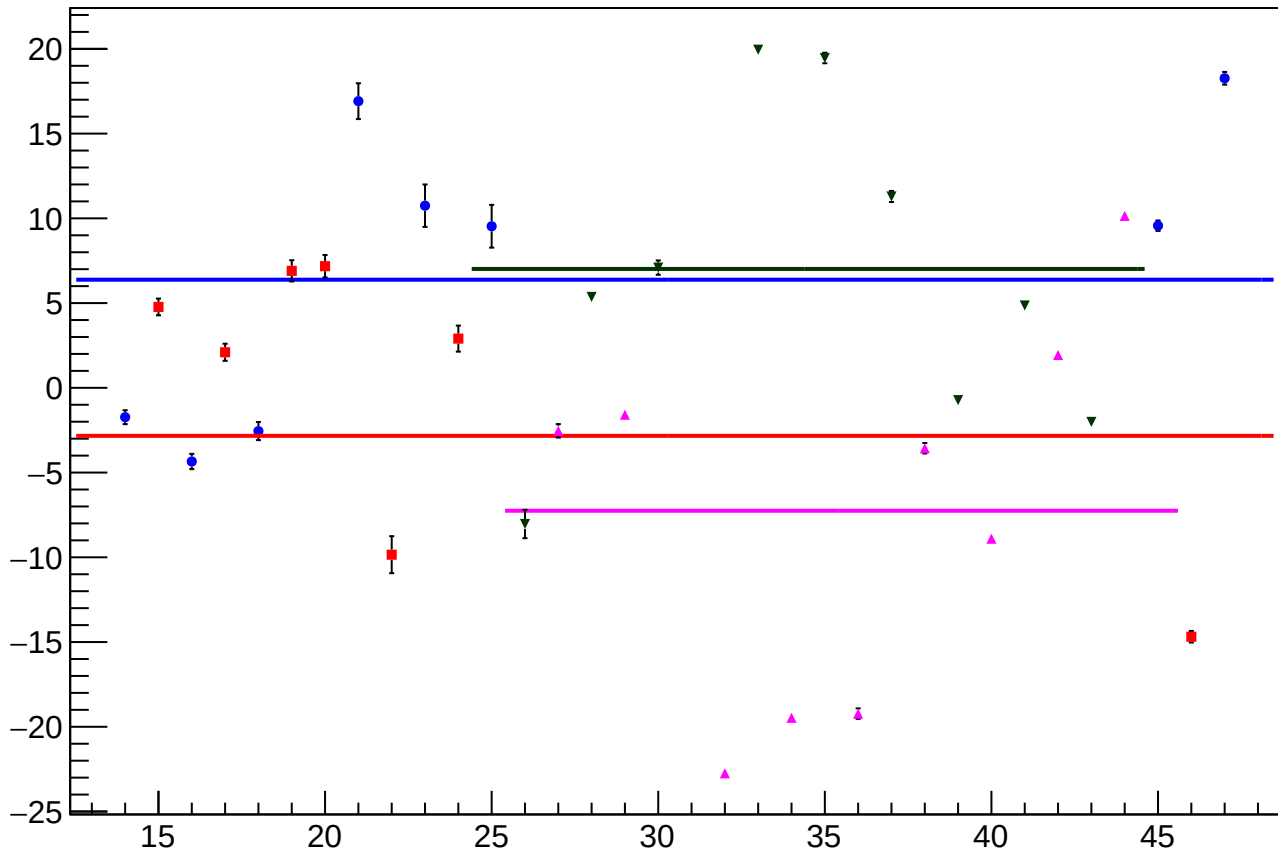
Left Out: -11.832+/-0.014 χ^2/NDF : 233309.0/8

Right Out: 2.543+/-0.030 χ^2/NDF : 578965.0/6

Left In: 10.602+/-0.013 χ^2/NDF : 320496.8/8

-0.570+/-0.008 χ^2/NDF : 3318048.6/32

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: 6.380 ± 0.171 χ^2/NDF : 2468.2/7

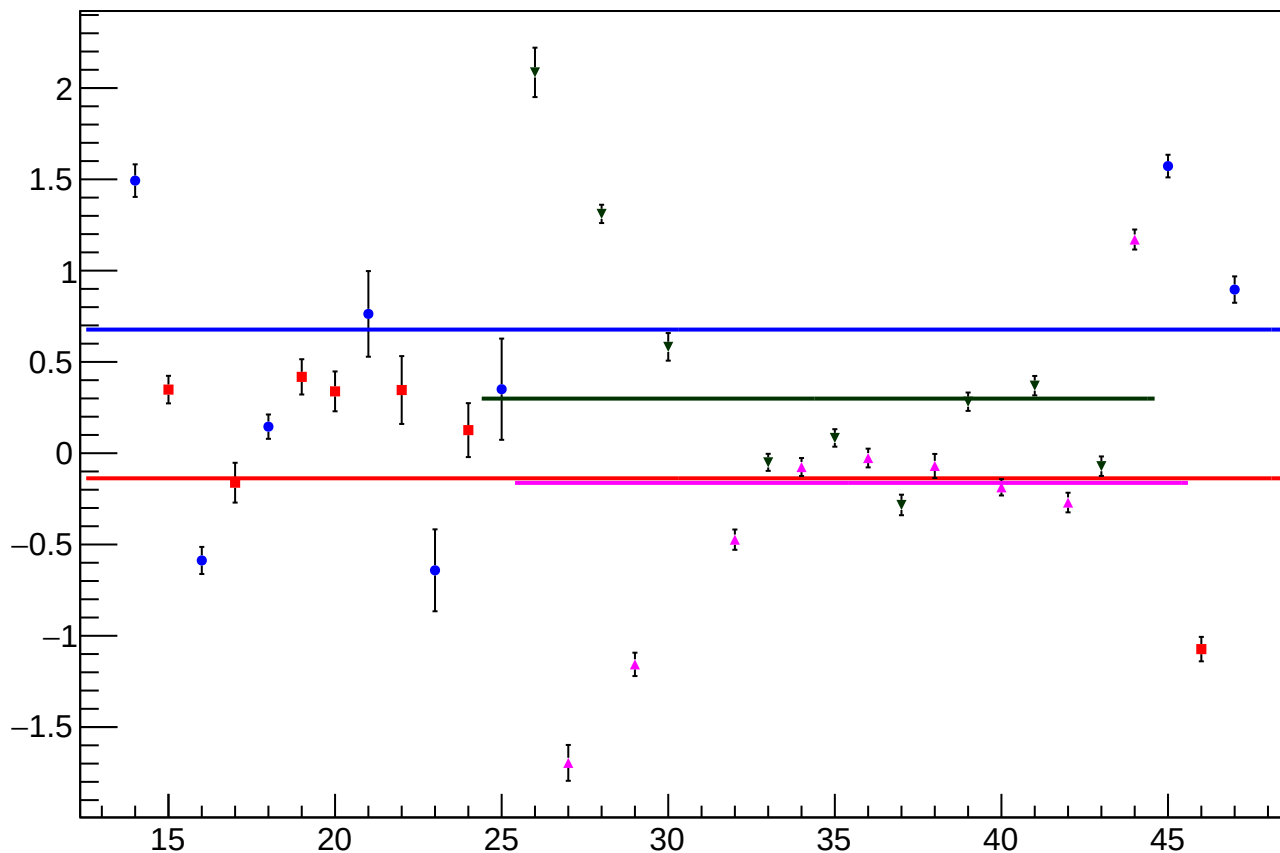
Left Out: 7.015 ± 0.101 χ^2/NDF : 6009.5/8

Right Out: -2.833 ± 0.204 χ^2/NDF : 2105.1/6

Left In: -7.253 ± 0.095 χ^2/NDF : 12650.2/8

0.119 ± 0.061 χ^2/NDF : 35523.2/32

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.677 ± 0.031 χ^2/NDF : 691.5/7

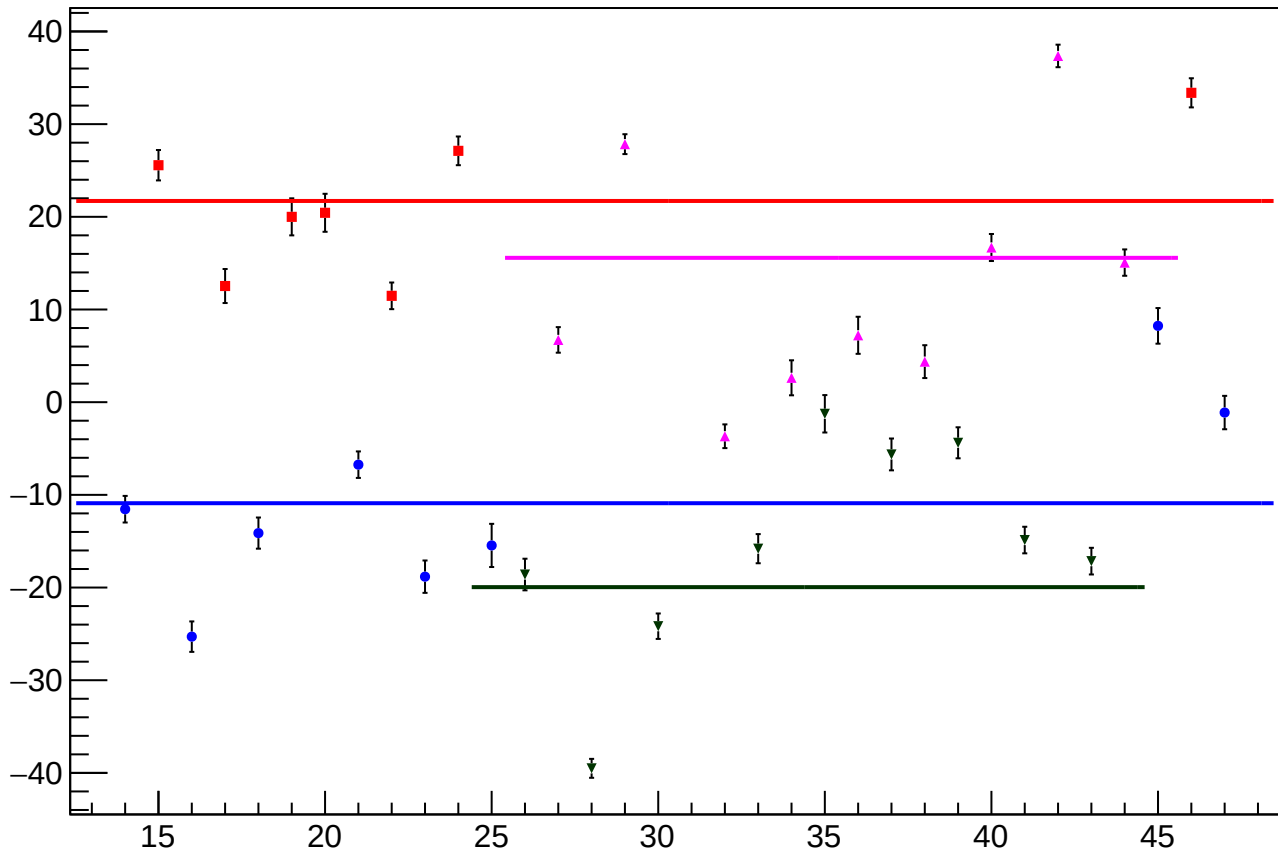
Left Out: 0.299 ± 0.018 χ^2/NDF : 829.4/8

Right Out: -0.137 ± 0.037 χ^2/NDF : 299.0/6

Left In: -0.163 ± 0.019 χ^2/NDF : 1123.4/8

0.133 ± 0.011 χ^2/NDF : 3636.7/32

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -10.901 $\pm$ 0.599 χ^2 /NDF: 242.3/7

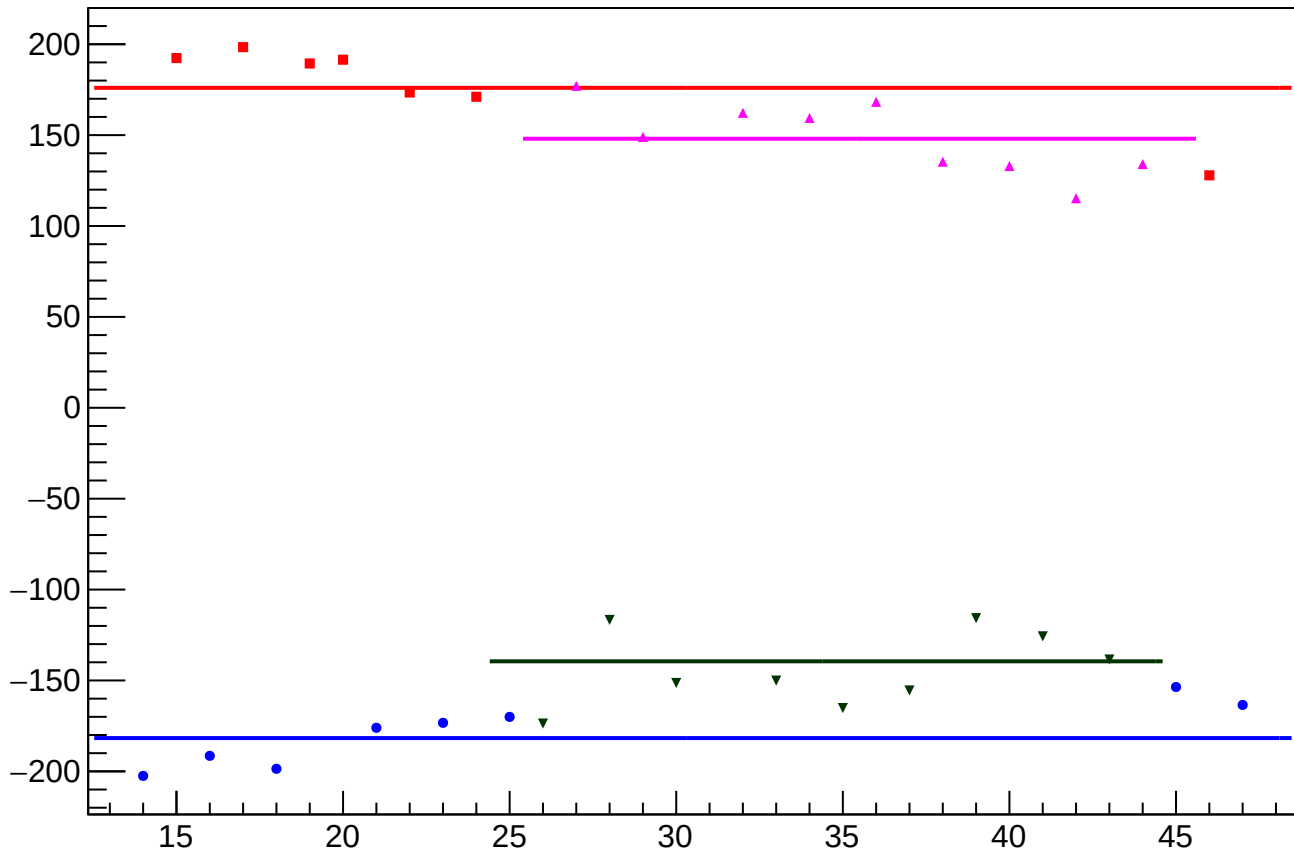
Left Out: -19.957 $\pm$ 0.491 χ^2 /NDF: 641.8/8

Right Out: 21.710 $\pm$ 0.637 χ^2 /NDF: 149.6/6

Left In: 15.574 $\pm$ 0.472 χ^2 /NDF: 824.1/8

0.738 $\pm$ 0.268 χ^2 /NDF: 6084.7/32

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -181.684 $\pm$ 0.460 χ^2 /NDF: 1305.9/7

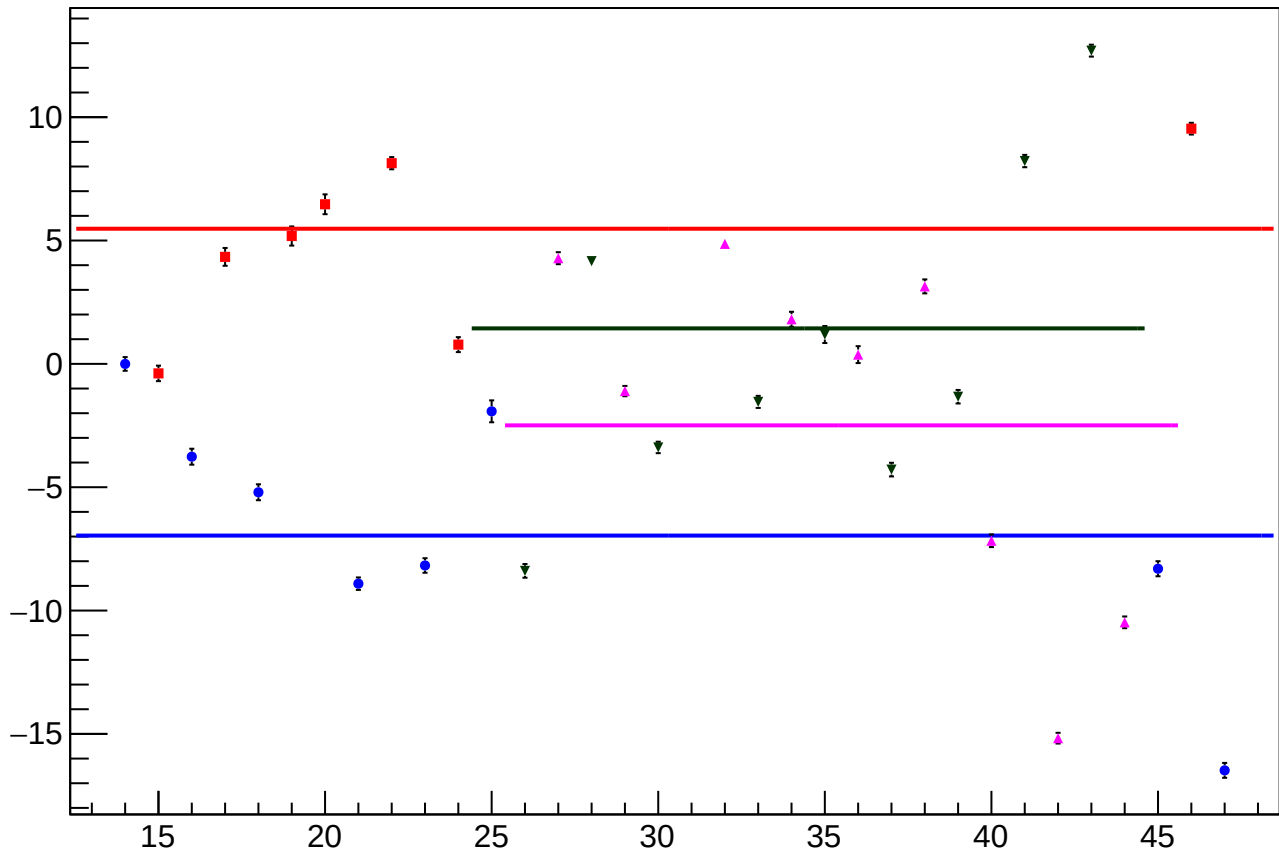
Left Out: -139.468 $\pm$ 0.373 χ^2 /NDF: 2867.0/8

Right Out: 176.025 $\pm$ 0.490 χ^2 /NDF: 2065.5/6

Left In: 148.012 $\pm$ 0.348 χ^2 /NDF: 3260.5/8

3.725 $\pm$ 0.203 χ^2 /NDF: 615465.8/32

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -6.961+/-0.108 χ^2/NDF : 1975.3/7

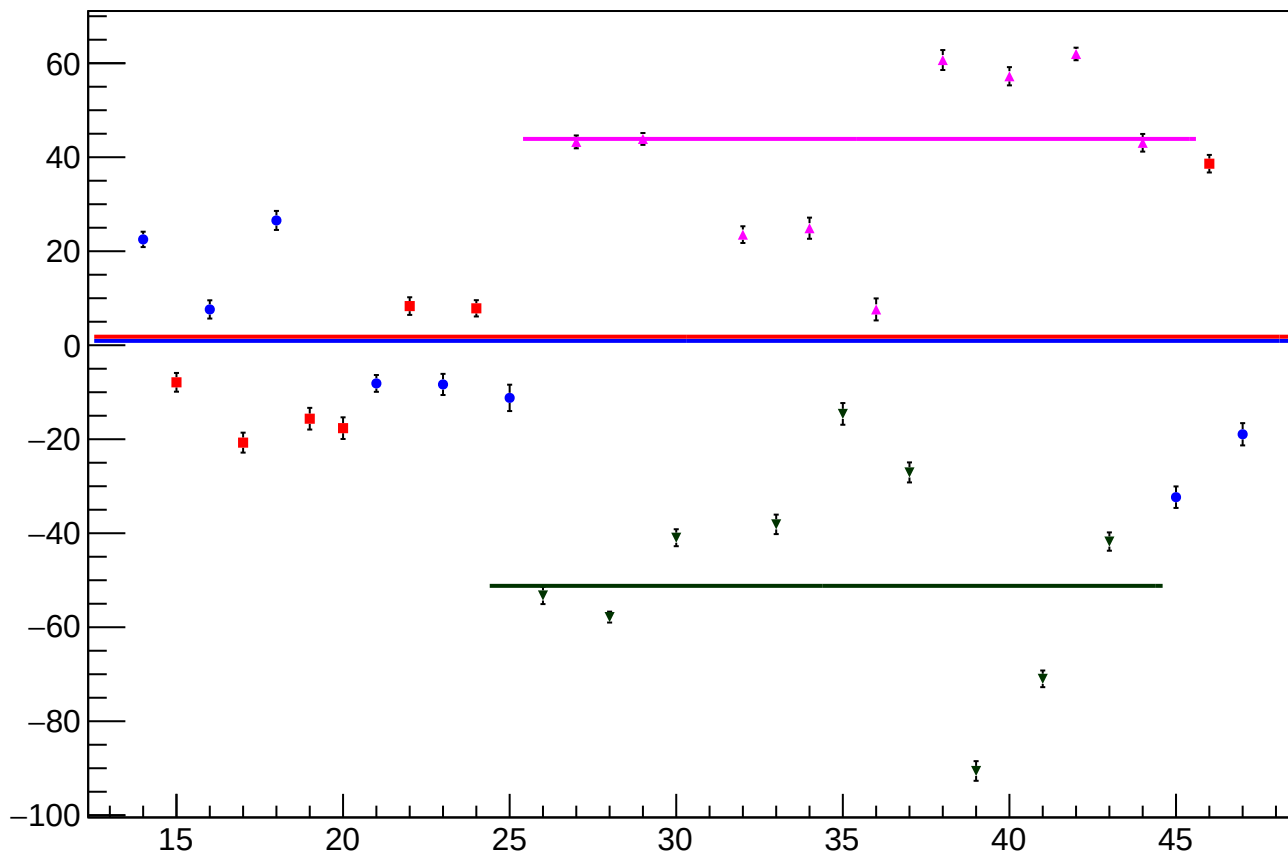
Left Out: 1.438+/-0.083 χ^2/NDF : 5473.4/8

Right Out: 5.478+/-0.115 χ^2/NDF : 1010.4/6

Left In: -2.493+/-0.081 χ^2/NDF : 7773.3/8

-0.776+/-0.047 χ^2/NDF : 23636.8/32

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: 0.928 ± 0.727 χ^2/NDF : 689.0/7

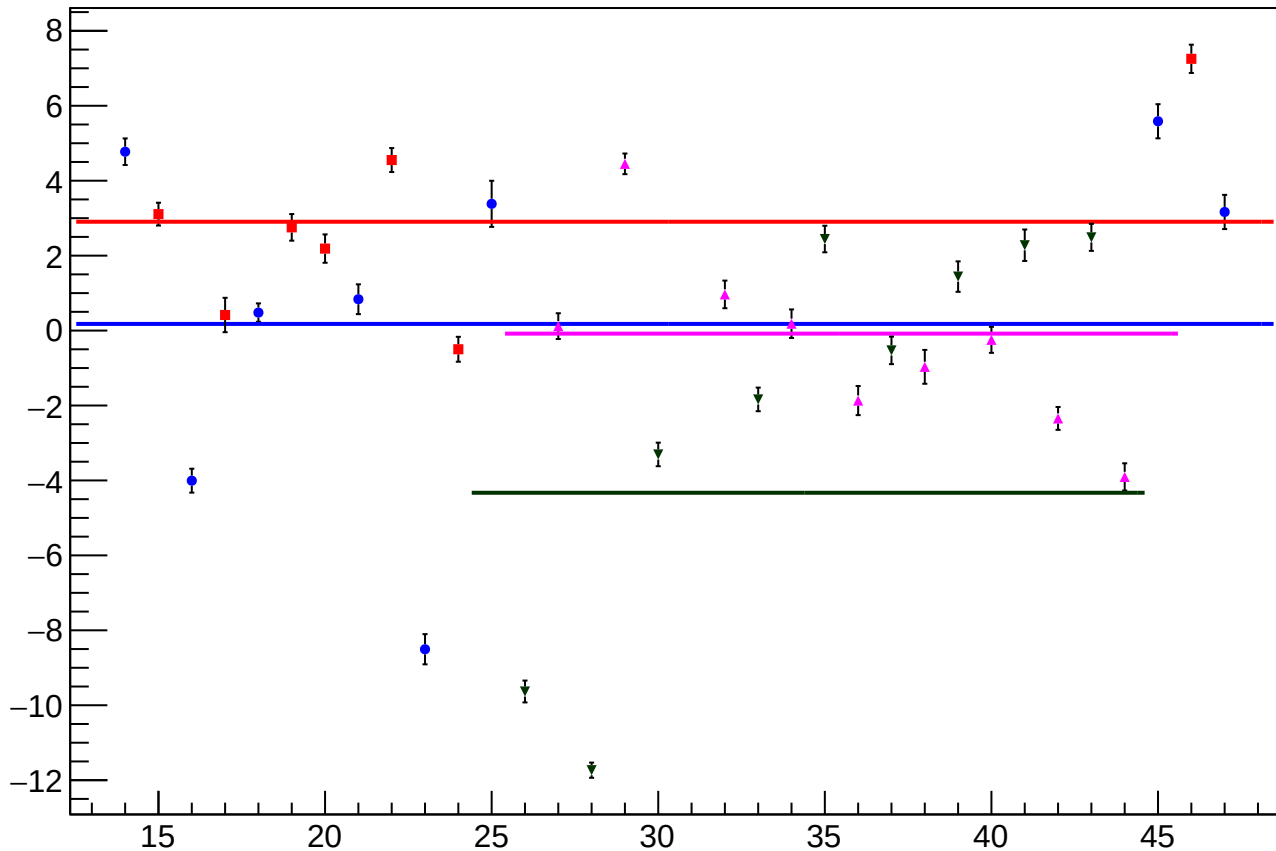
Left Out: -51.194 ± 0.598 χ^2/NDF : 988.3/8

Right Out: 1.818 ± 0.755 χ^2/NDF : 676.9/6

Left In: 43.896 ± 0.560 χ^2/NDF : 735.5/8

0.177 ± 0.322 χ^2/NDF : 16573.7/32

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: 0.178+/-0.130 χ^2/NDF : 1019.1/7

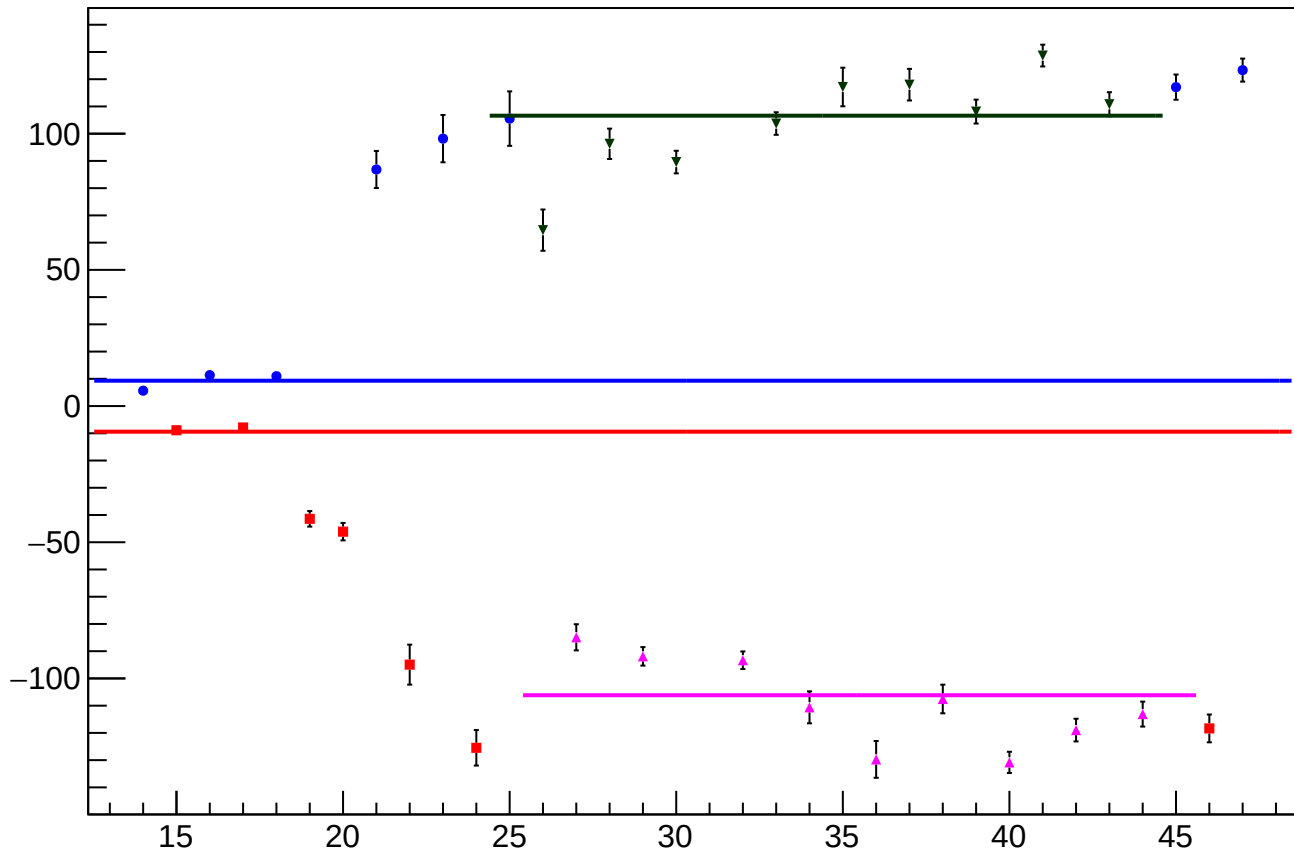
Left Out: -4.329+/-0.105 χ^2/NDF : 3013.7/8

Right Out: 2.905+/-0.133 χ^2/NDF : 297.9/6

Left In: -0.081+/-0.116 χ^2/NDF : 470.0/8

-0.805+/-0.060 χ^2/NDF : 6801.5/32

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 9.307 ± 0.216 $\chi^2/\text{NDF}: 1777.9/7$

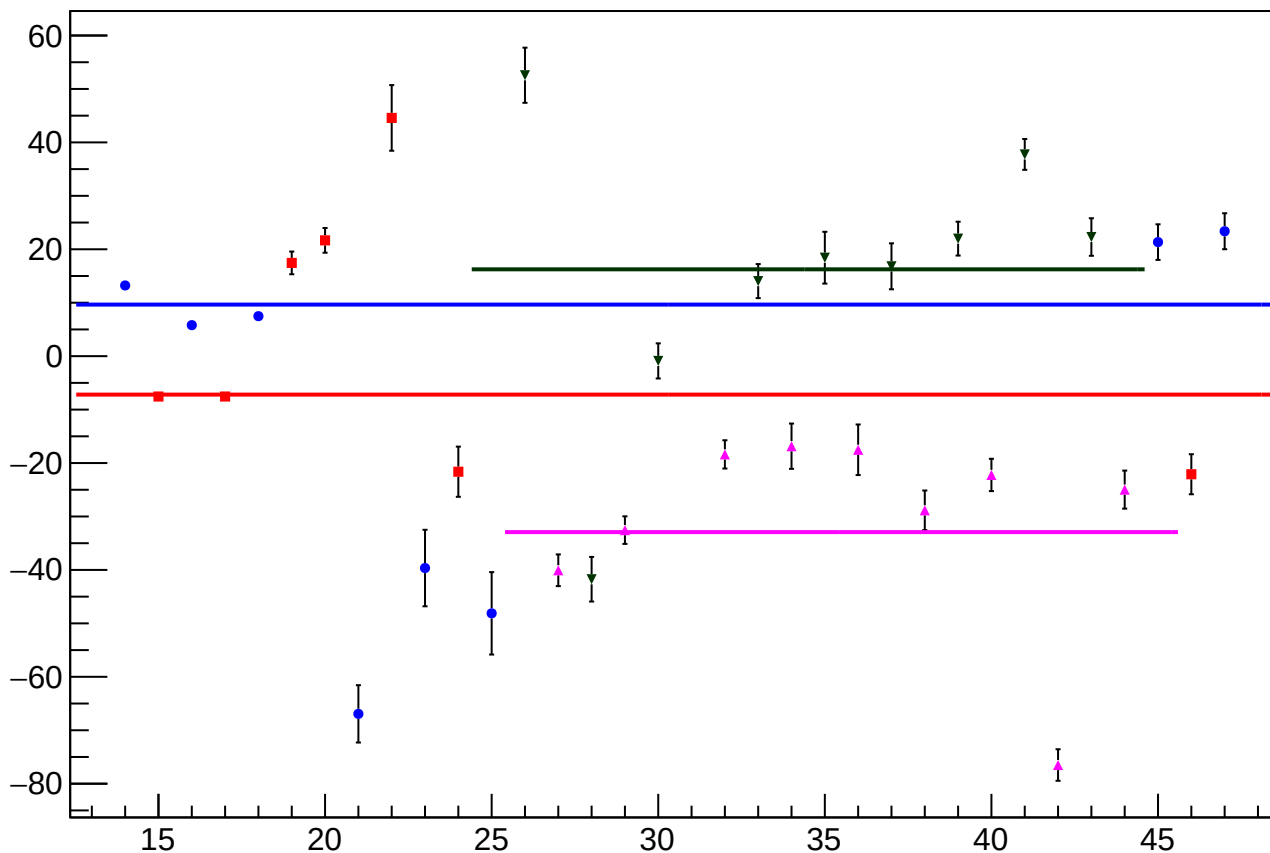
Left Out: 106.609 ± 1.619 $\chi^2/\text{NDF}: 89.0/8$

0.609 ± 0.159 $\chi^2/\text{NDF}: 16339.2/32$

Right Out: -9.406 ± 0.239 $\chi^2/\text{NDF}: 1184.7/6$

Left In: -106.172 ± 1.438 $\chi^2/\text{NDF}: 117.6/8$

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 9.650 $\pm$ 0.161 χ^2 /NDF: 824.9/7

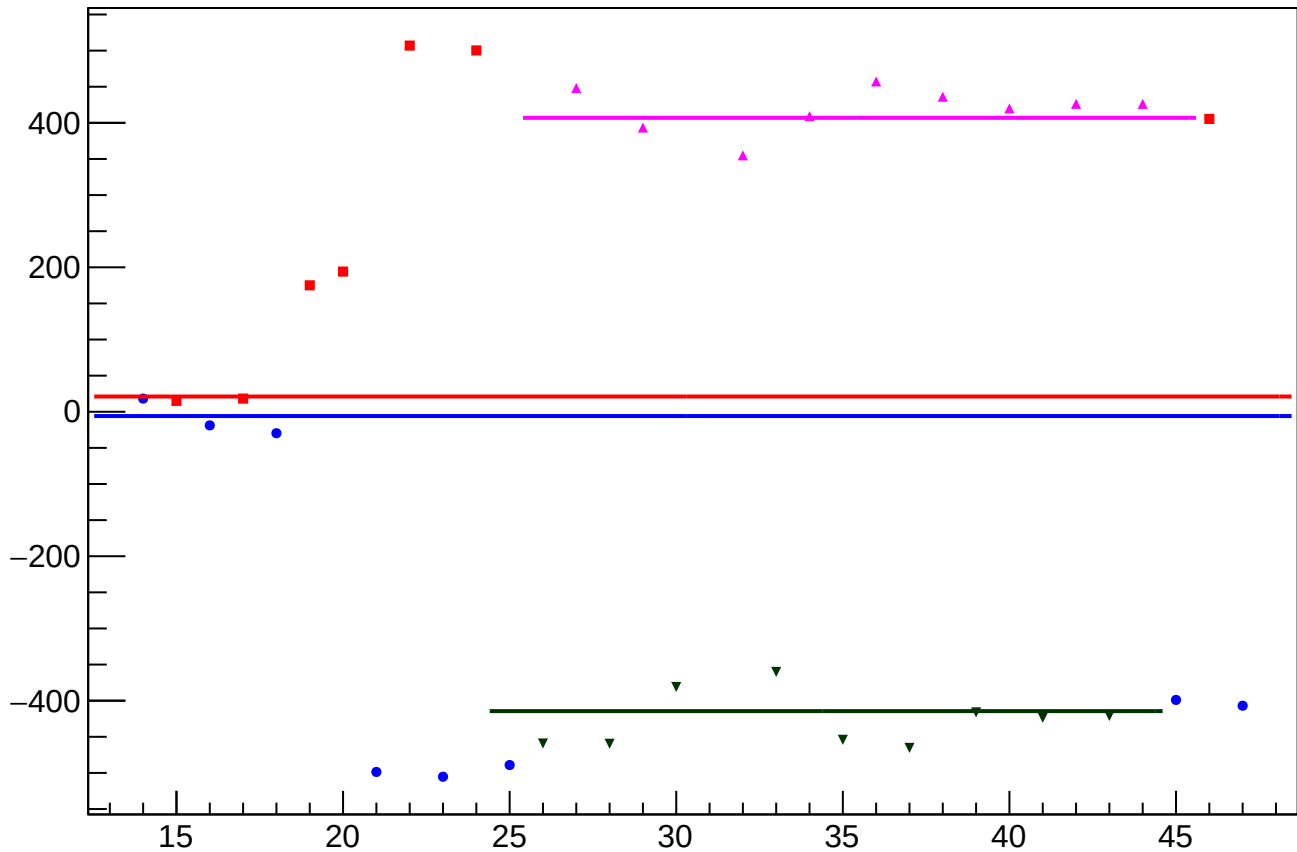
Left Out: 16.249 $\pm$ 1.210 χ^2 /NDF:332.0/8

Right Out: -7.194 $\pm$ 0.183 χ^2 /NDF: 390.5/6

Left In: -32.924 $\pm$ 1.064 χ^2 /NDF:297.8/8

2.014 $\pm$ 0.119 χ^2 /NDF: 7845.8/32

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -5.922+/-0.042 χ^2/NDF : 1183900.0/7

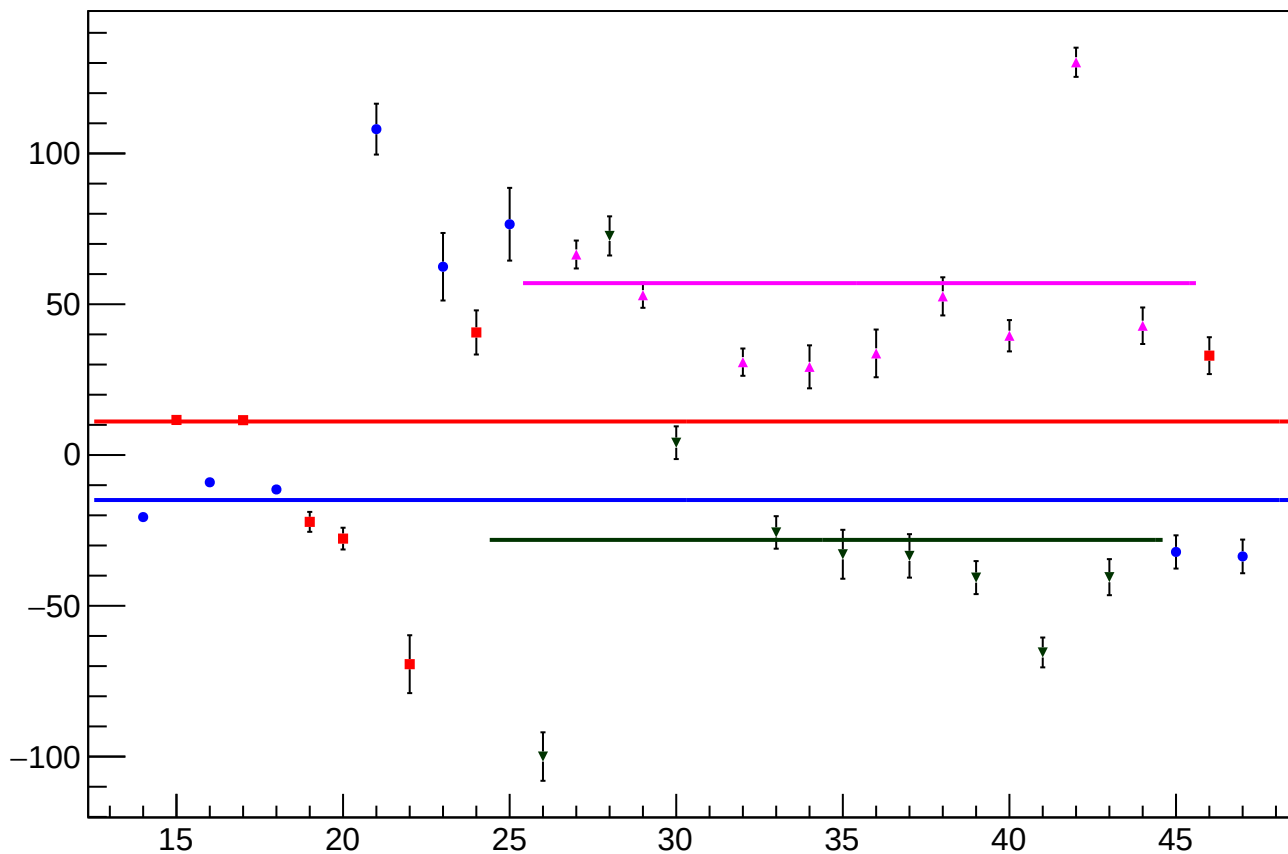
Left Out: -414.439+/-0.270 χ^2/NDF : 17107.4/8

Right Out: 21.110+/-0.046 χ^2/NDF : 706653.8/6

Left In: 406.947+/-0.246 χ^2/NDF : 18132.7/8

7.117+/-0.031 χ^2/NDF : 7193286.0/32

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -14.925 $\pm$ 0.252 χ^2 /NDF: 821.2/7

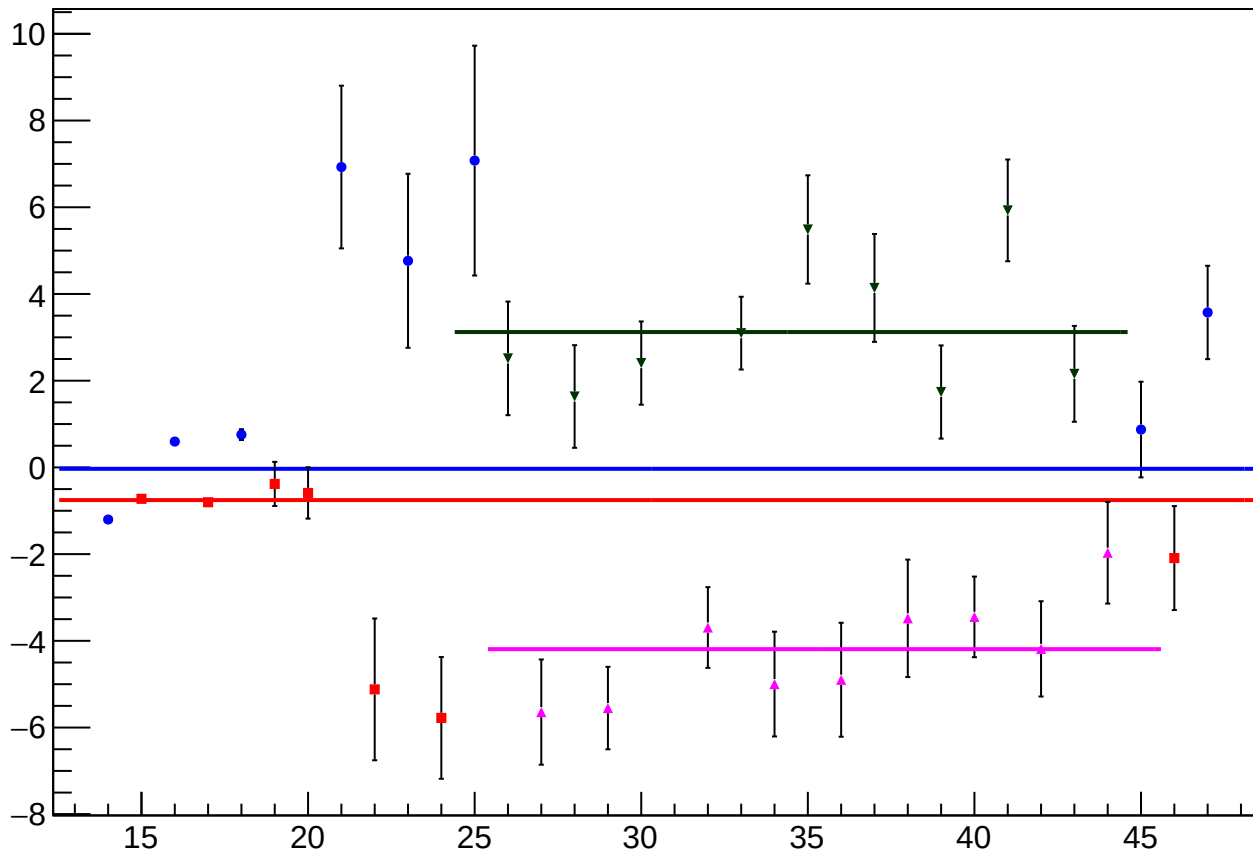
Left Out: -28.145 $\pm$ 2.024 χ^2 /NDF:423.8/8

Right Out: 11.119 $\pm$ 0.286 χ^2 /NDF: 319.7/6

Left In: 56.997 $\pm$ 1.767 χ^2 /NDF:308.5/8

-3.050 $\pm$ 0.187 χ^2 /NDF: 7863.7/32

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: -0.032 ± 0.047 χ^2/NDF : 395.7/7

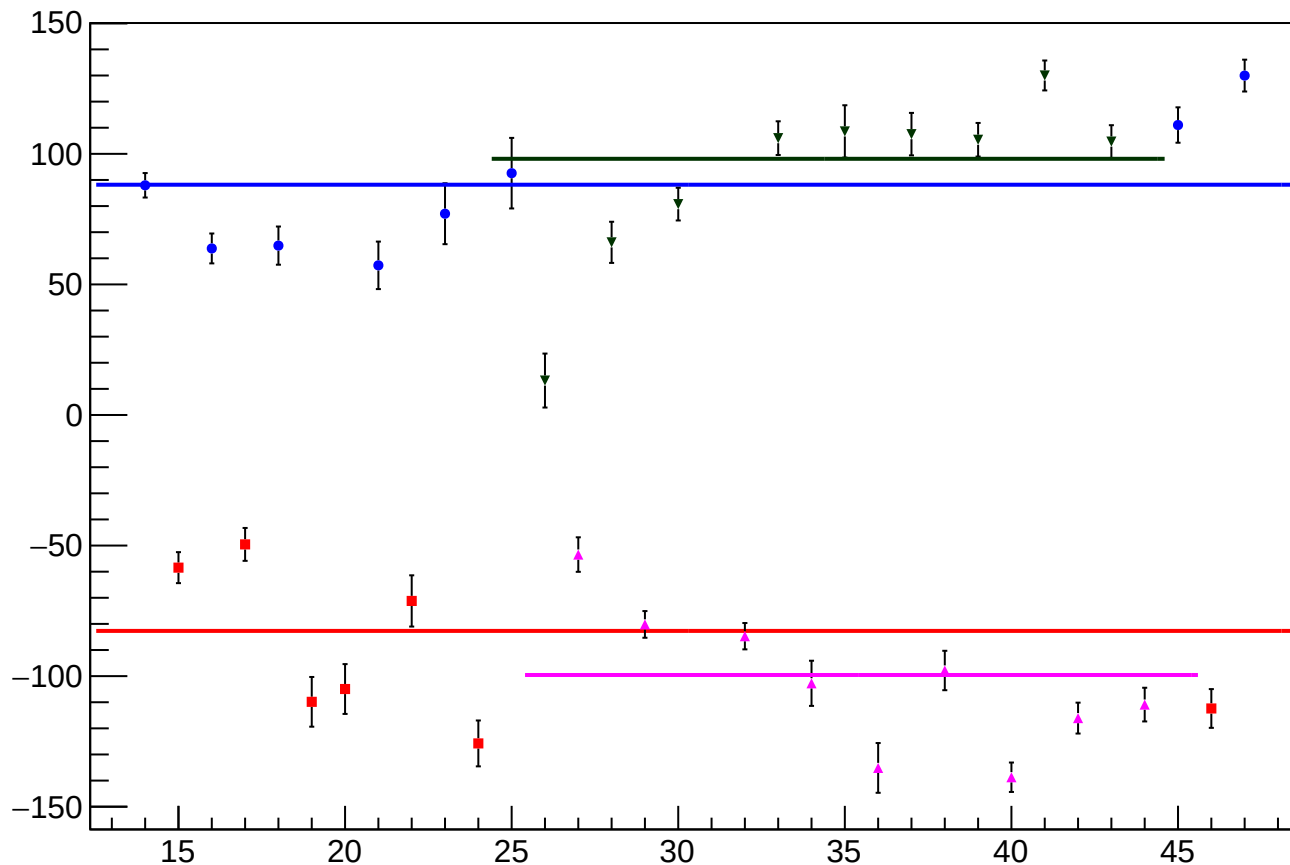
Left Out: 3.122 ± 0.365 χ^2/NDF : 14.7/8

Right Out: -0.754 ± 0.049 χ^2/NDF : 22.3/6

Left In: -4.192 ± 0.366 χ^2/NDF : 9.0/8

-0.378 ± 0.034 χ^2/NDF : 754.6/32

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 88.177+/-2.437 χ^2/NDF : 99.3/7

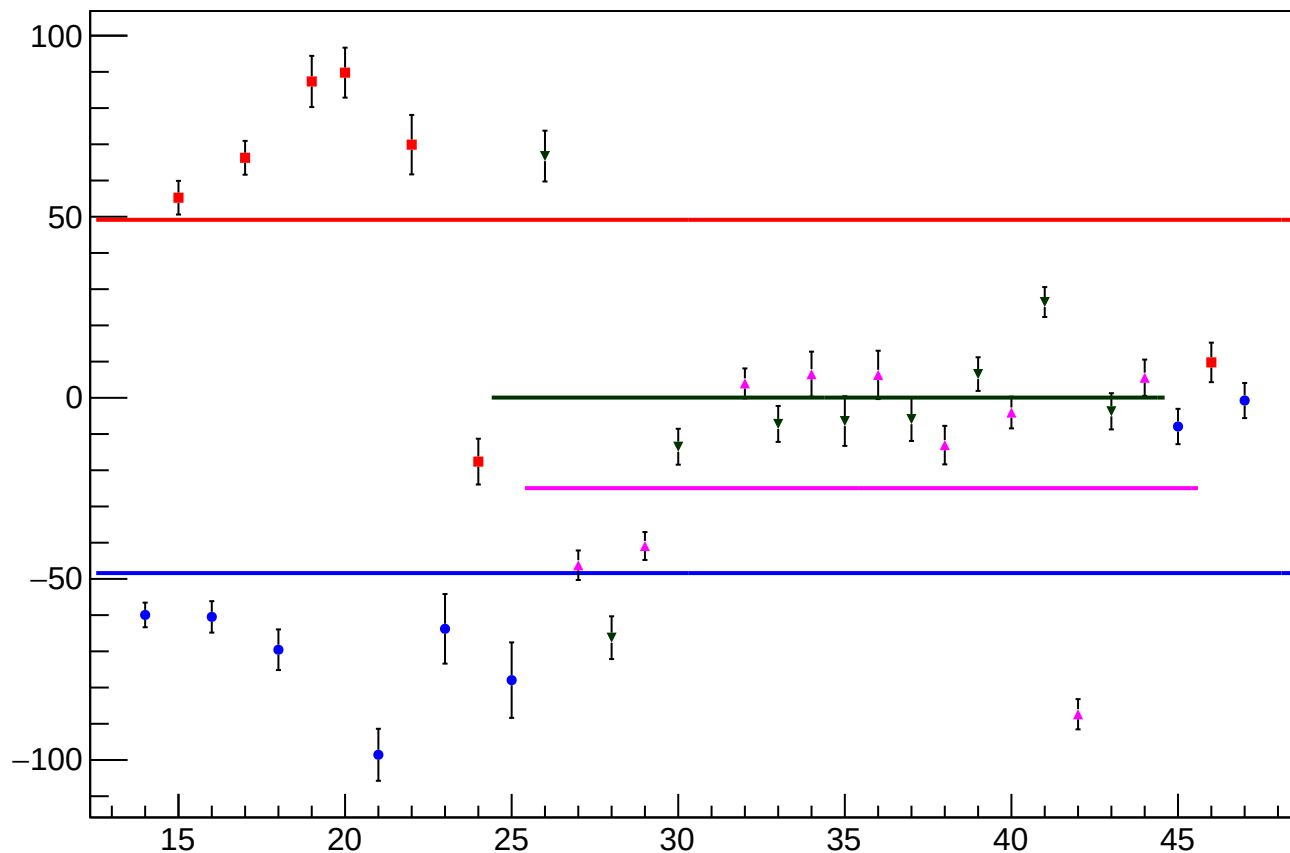
Left Out: 98.102+/-2.356 χ^2/NDF : 129.1/8

Right Out: -82.682+/-2.922 χ^2/NDF : 99.3/6

Left In: -99.563+/-2.101 χ^2/NDF : 145.0/8

0.391+/-1.202 χ^2/NDF : 6561.5/32

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -48.390 ± 1.840 χ^2/NDF : 258.3/7

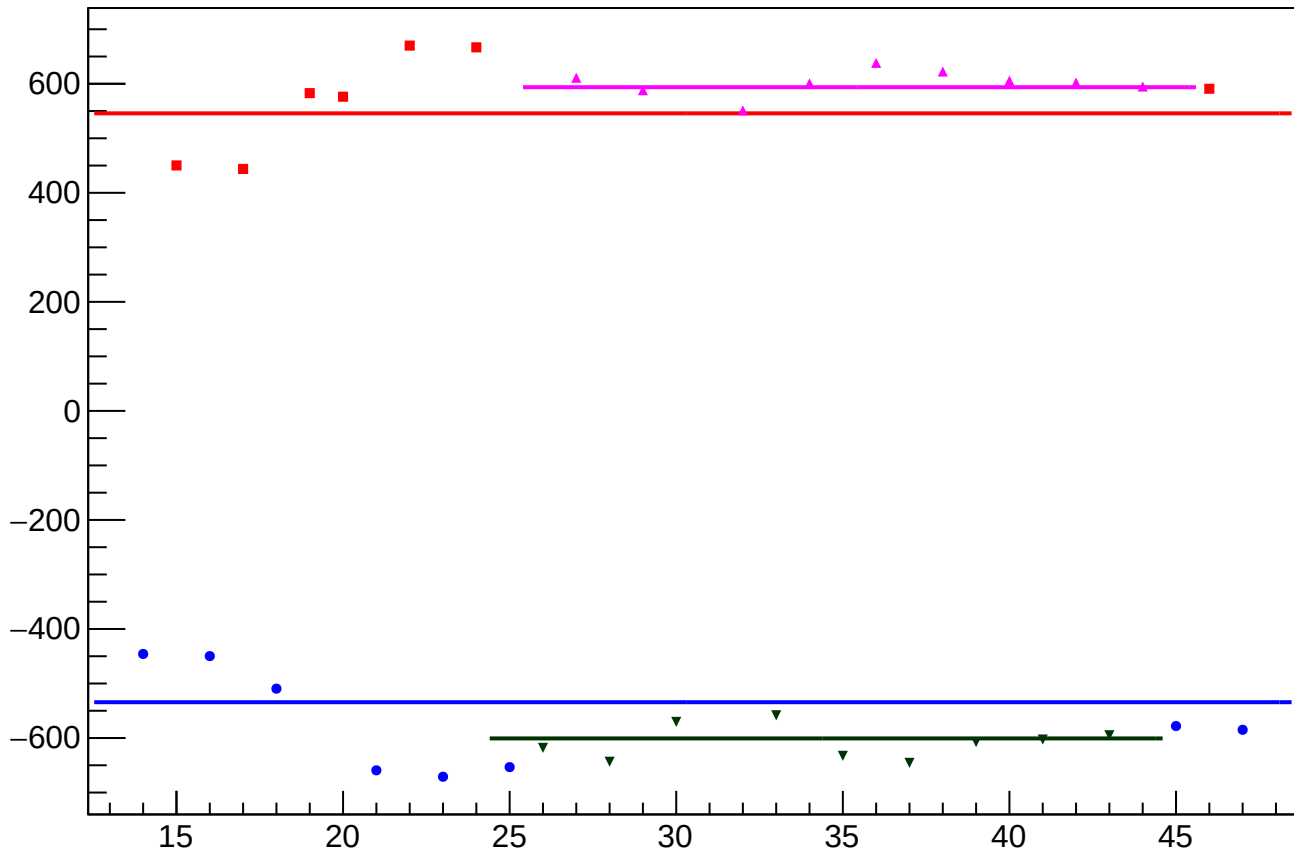
Left Out: 0.065 ± 1.757 χ^2/NDF : 271.1/8

Right Out: 49.152 ± 2.200 χ^2/NDF : 249.1/6

Left In: -24.937 ± 1.545 χ^2/NDF : 429.3/8

-11.702 ± 0.896 χ^2/NDF : 2488.7/32

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -534.303+/-0.442 χ^2/NDF : 32638.1/7

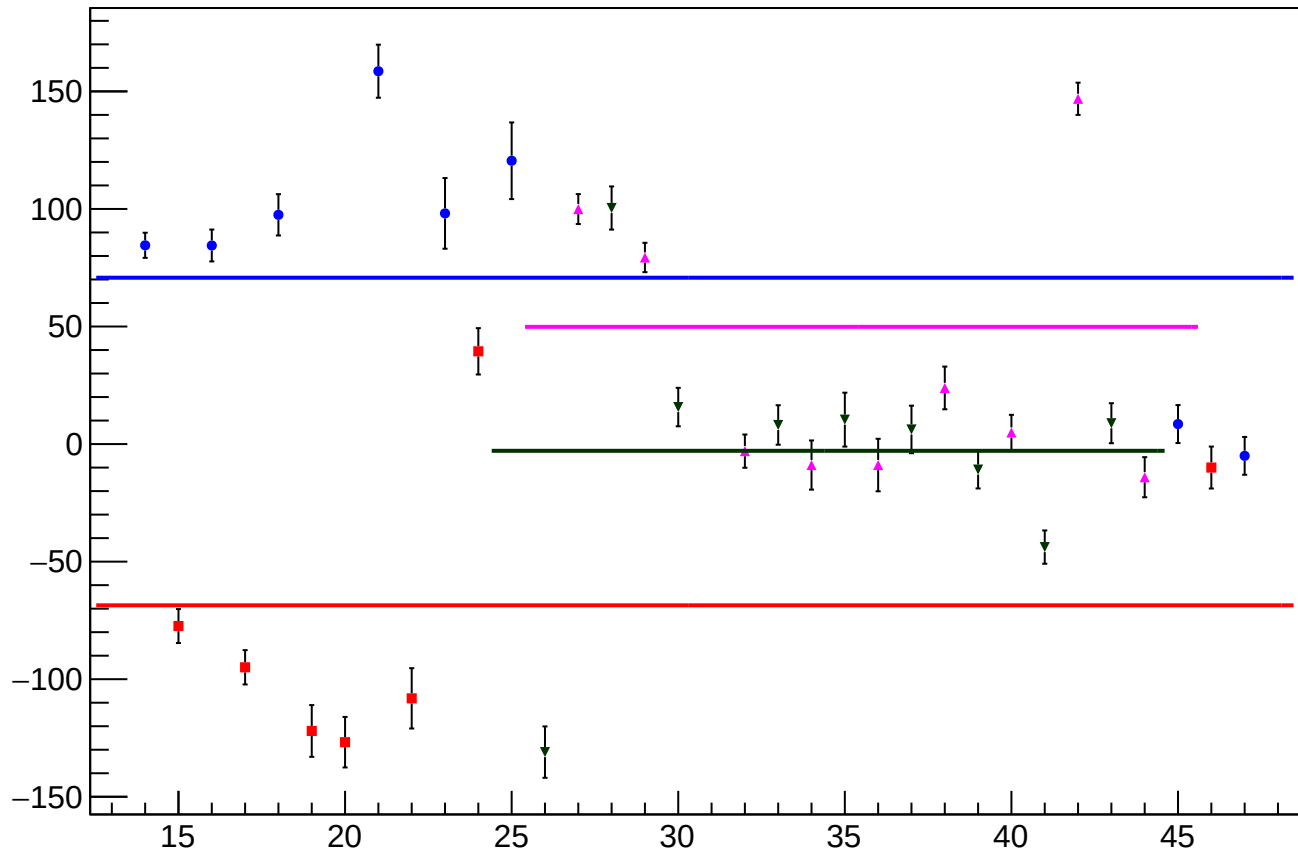
Left Out: -600.749+/-0.393 χ^2/NDF : 5250.8/8

Right Out: 545.777+/-0.534 χ^2/NDF : 26595.4/6

Left In: 593.704+/-0.360 χ^2/NDF : 4731.8/8

-5.855+/-0.209 χ^2/NDF : 7622873.0/32

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 70.758 ± 2.929 $\chi^2/\text{NDF}: 241.4/7$

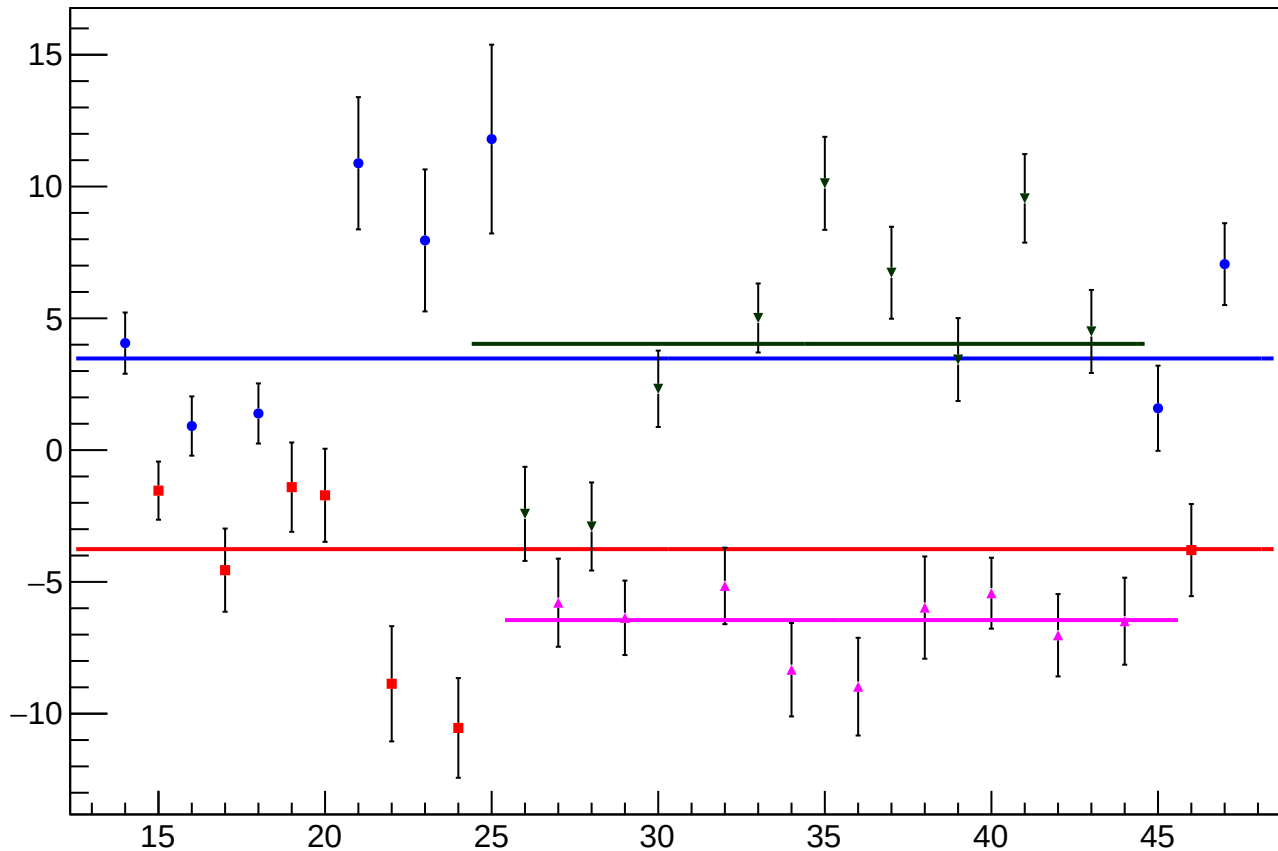
Left Out: -2.868 ± 2.936 $\chi^2/\text{NDF}: 309.5/8$

Right Out: -68.578 ± 3.455 $\chi^2/\text{NDF}: 240.3/6$

Left In: 49.858 ± 2.562 $\chi^2/\text{NDF}: 500.0/8$

20.846 ± 1.461 $\chi^2/\text{NDF}: 2444.9/32$

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 3.477 ± 0.536 $\chi^2/\text{NDF}: 32.4/7$

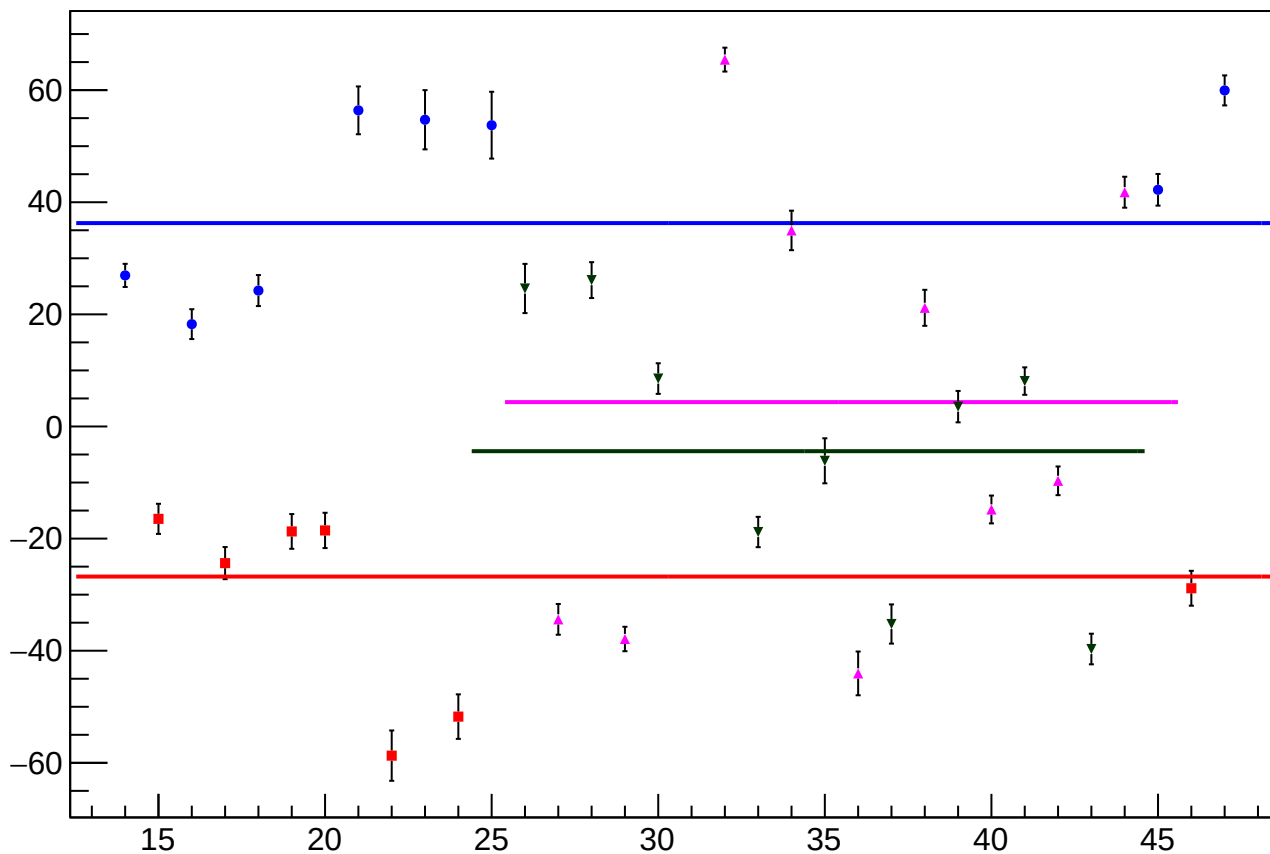
Left Out: 4.032 ± 0.531 $\chi^2/\text{NDF}: 57.5/8$

Right Out: -3.757 ± 0.608 $\chi^2/\text{NDF}: 25.9/6$

Left In: -6.449 ± 0.532 $\chi^2/\text{NDF}: 4.7/8$

-0.500 ± 0.275 $\chi^2/\text{NDF}: 402.2/32$

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 36.279 ± 1.060 χ^2/NDF : 210.9/7

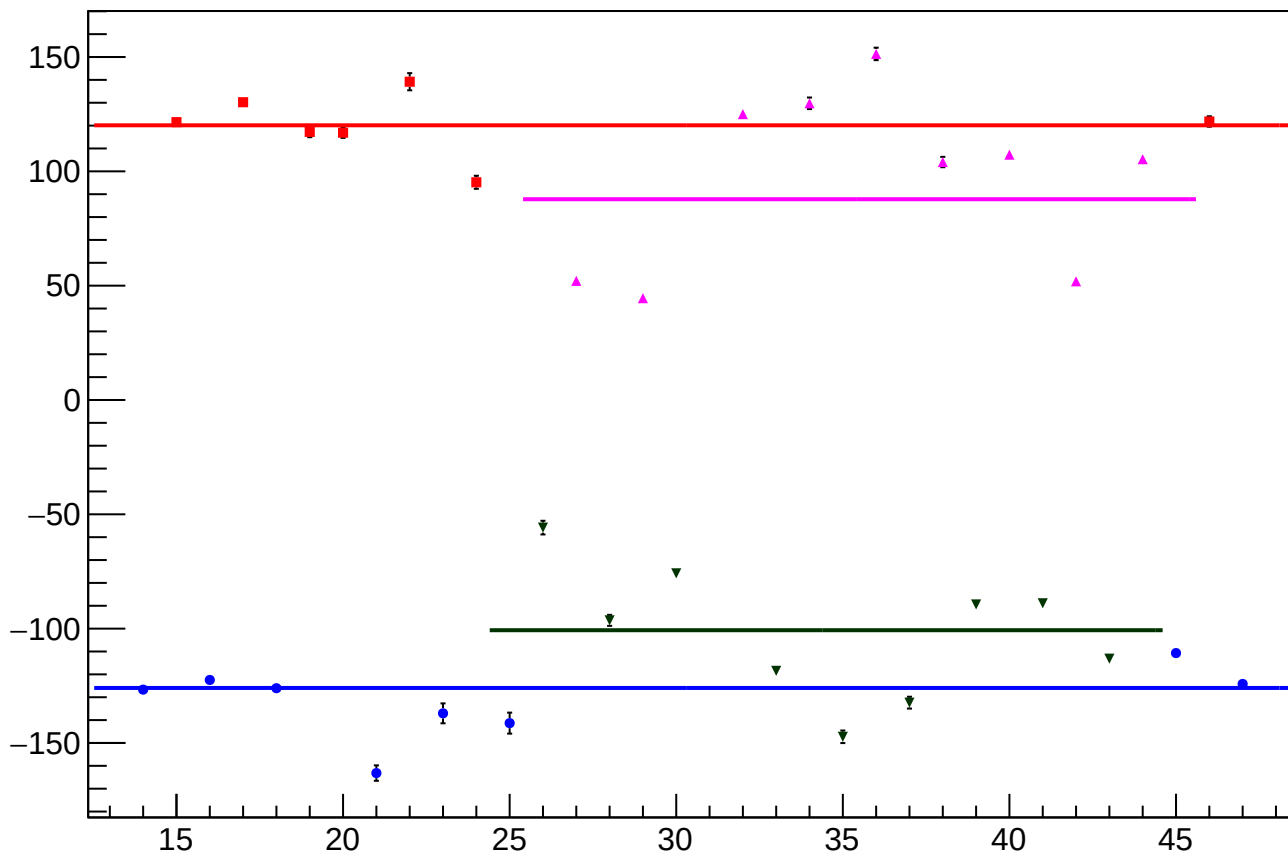
Left Out: -4.407 ± 1.004 χ^2/NDF : 464.5/8

3.962 ± 0.512 χ^2/NDF : 4366.5/32

Right Out: -26.771 ± 1.211 χ^2/NDF : 119.6/6

Left In: 4.347 ± 0.893 χ^2/NDF : 1927.7/8

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -125.939+/-0.800 χ^2/NDF : 199.3/7

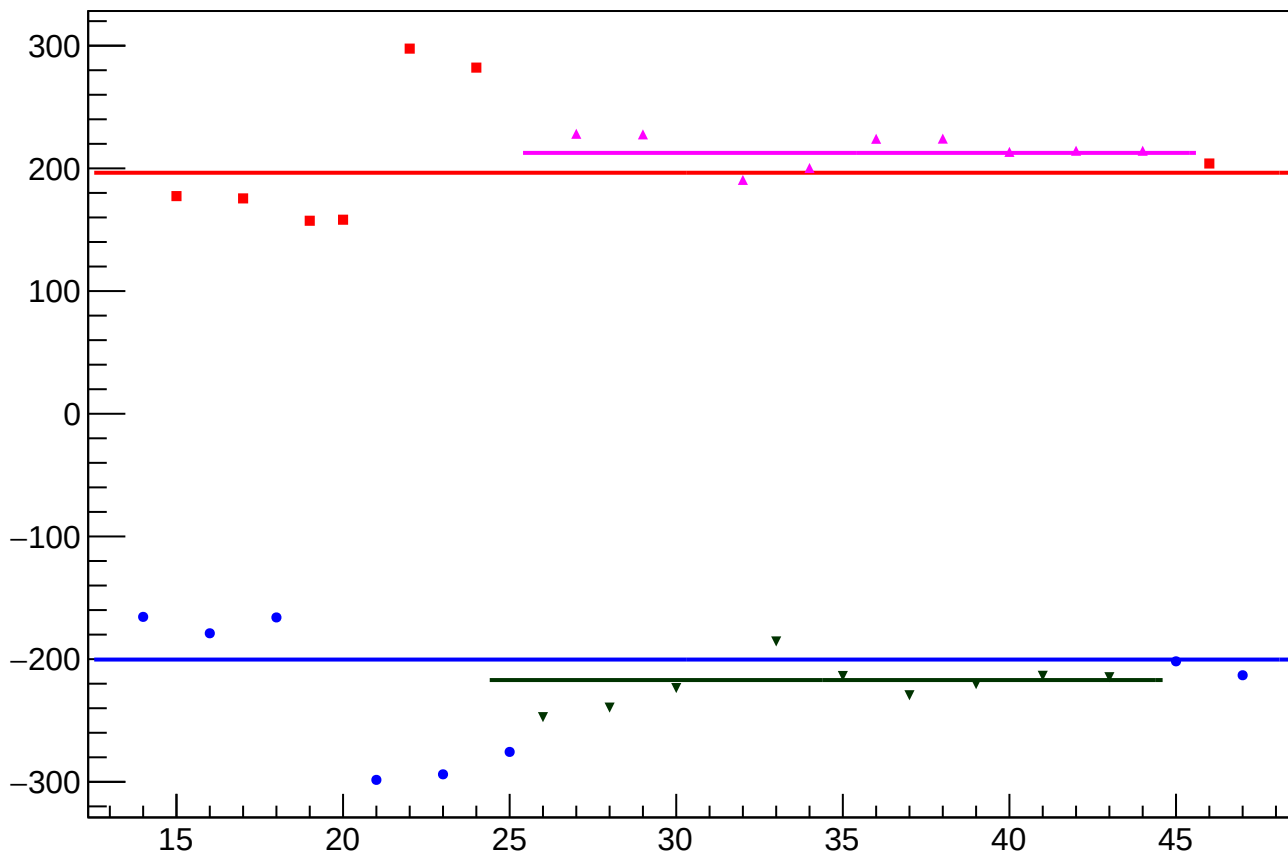
Left Out: -100.691+/-0.748 χ^2/NDF : 978.9/8

Right Out: 120.137+/-0.907 χ^2/NDF : 128.9/6

Left In: 87.803+/-0.654 χ^2/NDF : 3037.1/8

-3.755+/-0.381 χ^2/NDF : 82676.7/32

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -200.331 $\pm$ 0.192 χ^2 /NDF: 46651.9/7

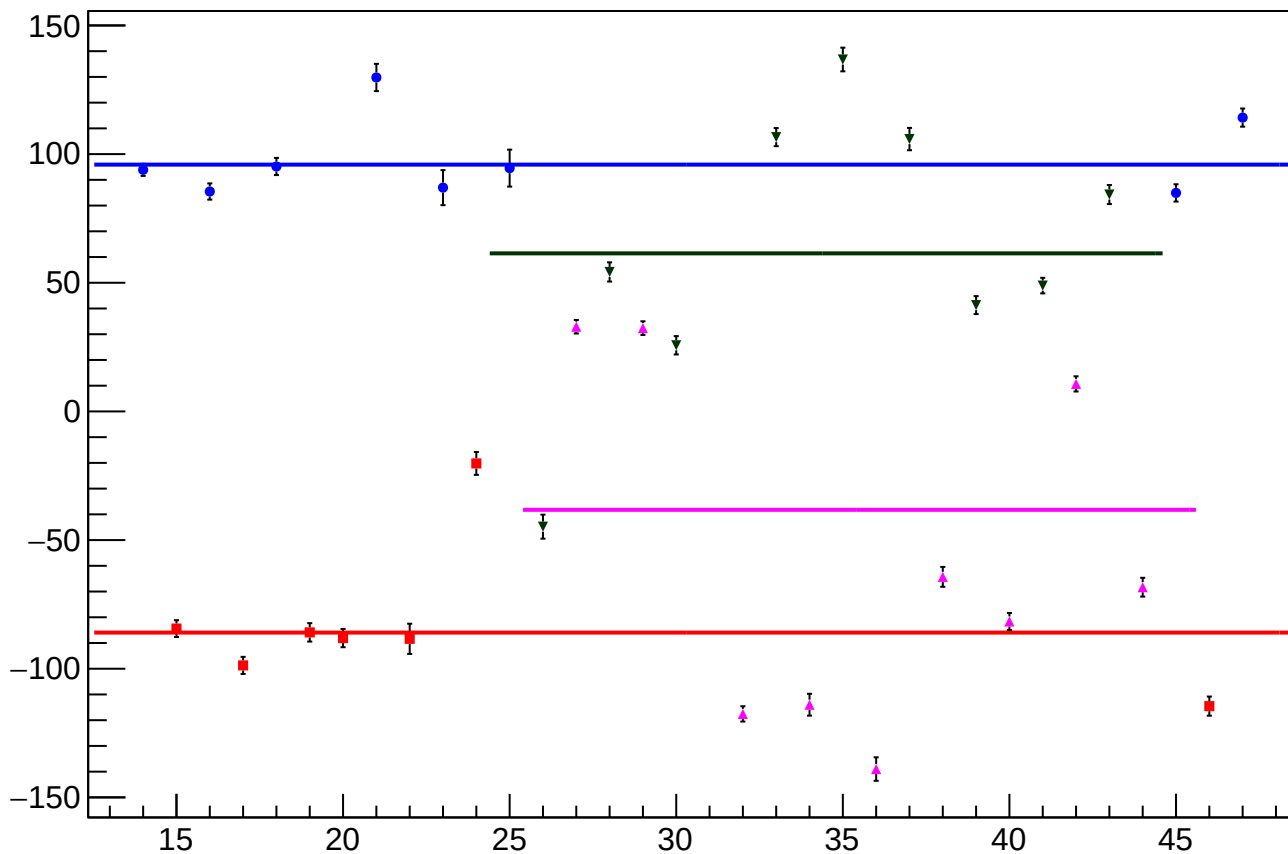
Left Out: -217.033 $\pm$ 0.168 χ^2 /NDF: 9889.6/8

Right Out: 196.442 $\pm$ 0.222 χ^2 /NDF: 40472.8/6

Left In: 212.625 $\pm$ 0.153 χ^2 /NDF: 8043.8/8

-0.768 $\pm$ 0.089 χ^2 /NDF: 5592947.1/32

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 95.912+/-1.274 χ^2/NDF : 91.9/7

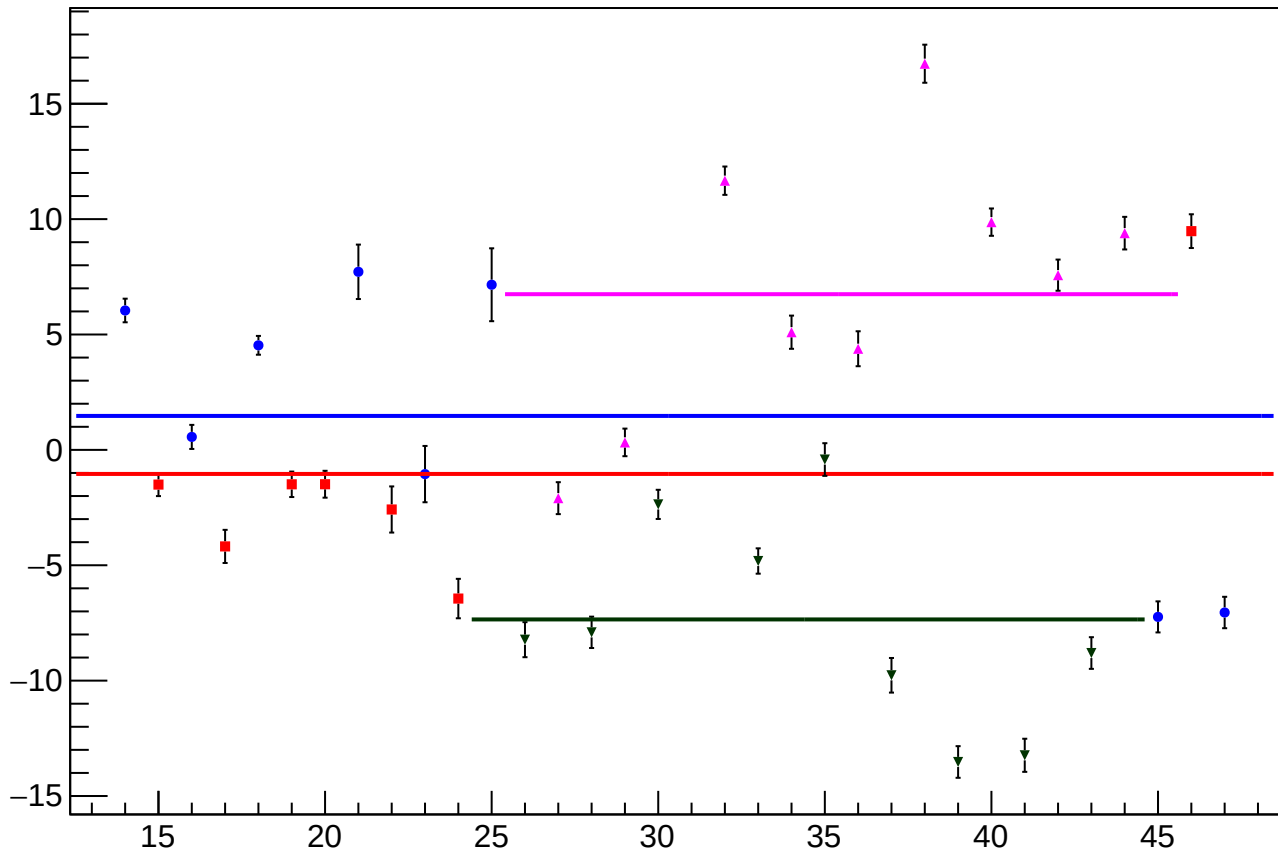
Left Out: 61.427+/-1.249 χ^2/NDF : 1247.3/8

Right Out: -85.948+/-1.424 χ^2/NDF : 292.4/6

Left In: -38.244+/-1.083 χ^2/NDF : 3520.8/8

9.038+/-0.620 χ^2/NDF : 17919.1/32

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: 1.472 ± 0.225 $\chi^2/\text{NDF}: 508.6/7$

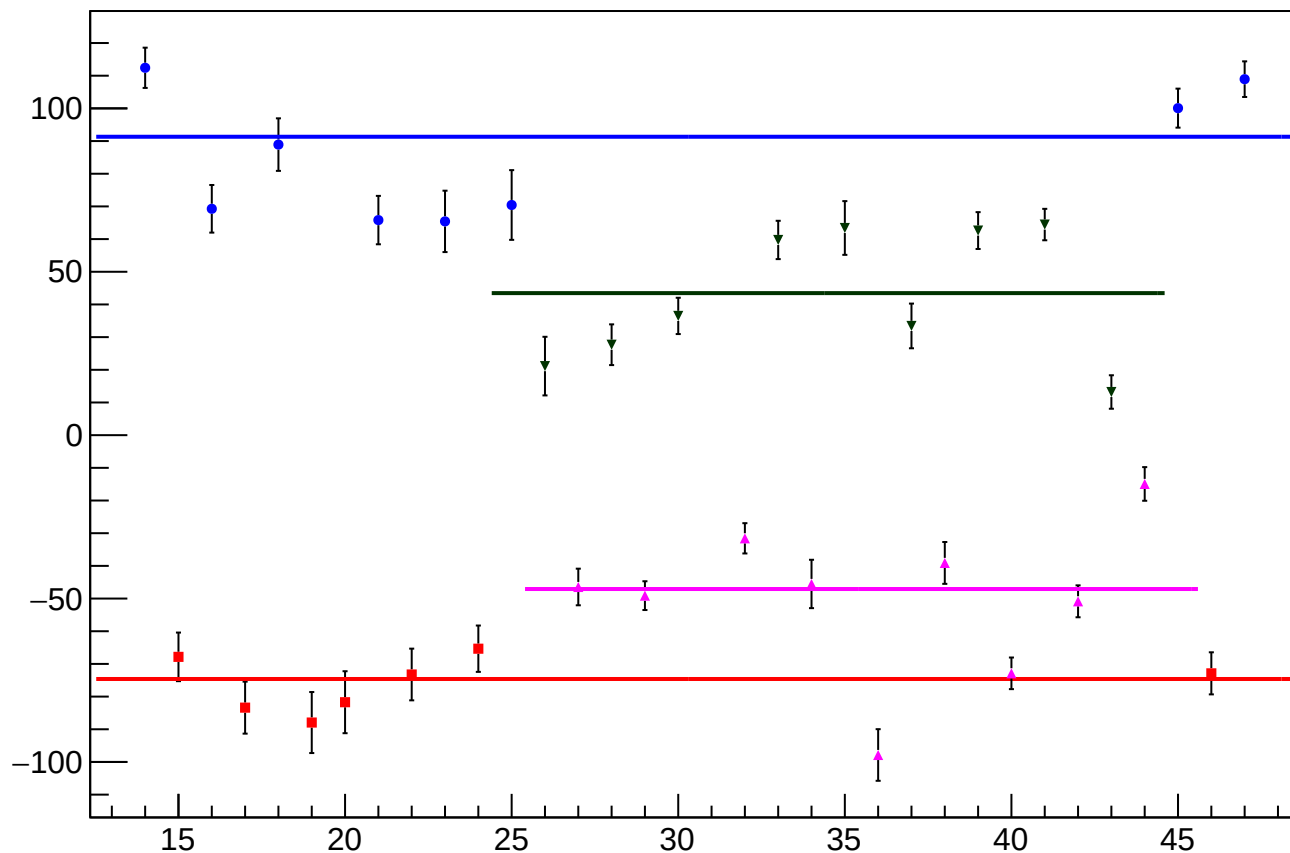
Left Out: -7.348 ± 0.225 $\chi^2/\text{NDF}: 344.7/8$

Right Out: -1.043 ± 0.247 $\chi^2/\text{NDF}: 270.5/6$

Left In: 6.747 ± 0.225 $\chi^2/\text{NDF}: 547.5/8$

0.004 ± 0.115 $\chi^2/\text{NDF}: 3692.6/32$

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 91.320 ± 2.494 $\chi^2/\text{NDF}: 56.9/7$

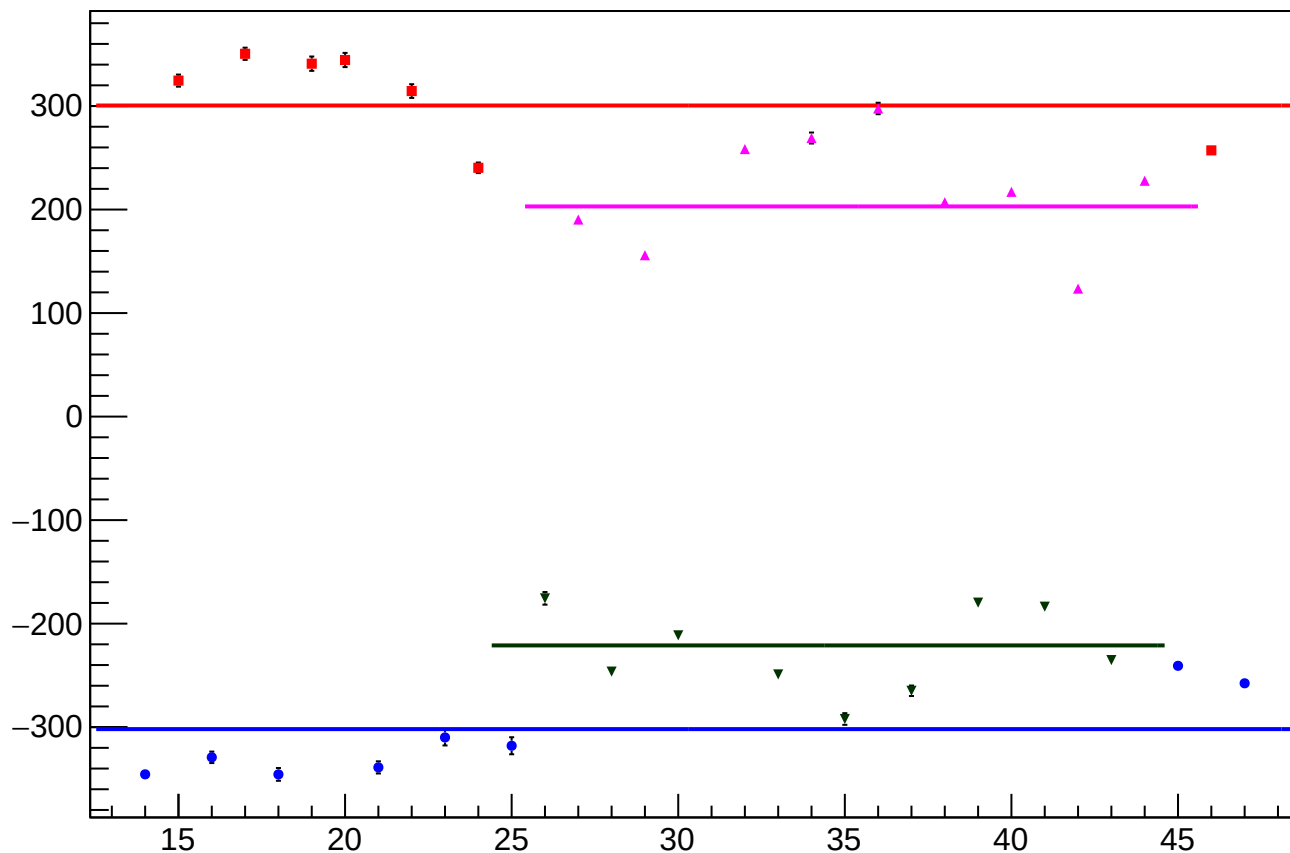
Left Out: 43.469 ± 2.005 $\chi^2/\text{NDF}: 95.4/8$

Right Out: -74.613 ± 2.930 $\chi^2/\text{NDF}: 6.5/6$

Left In: -47.079 ± 1.793 $\chi^2/\text{NDF}: 122.4/8$

2.568 ± 1.093 $\chi^2/\text{NDF}: 3424.1/32$

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -301.900+/-1.900 χ^2 /NDF: 521.6/7

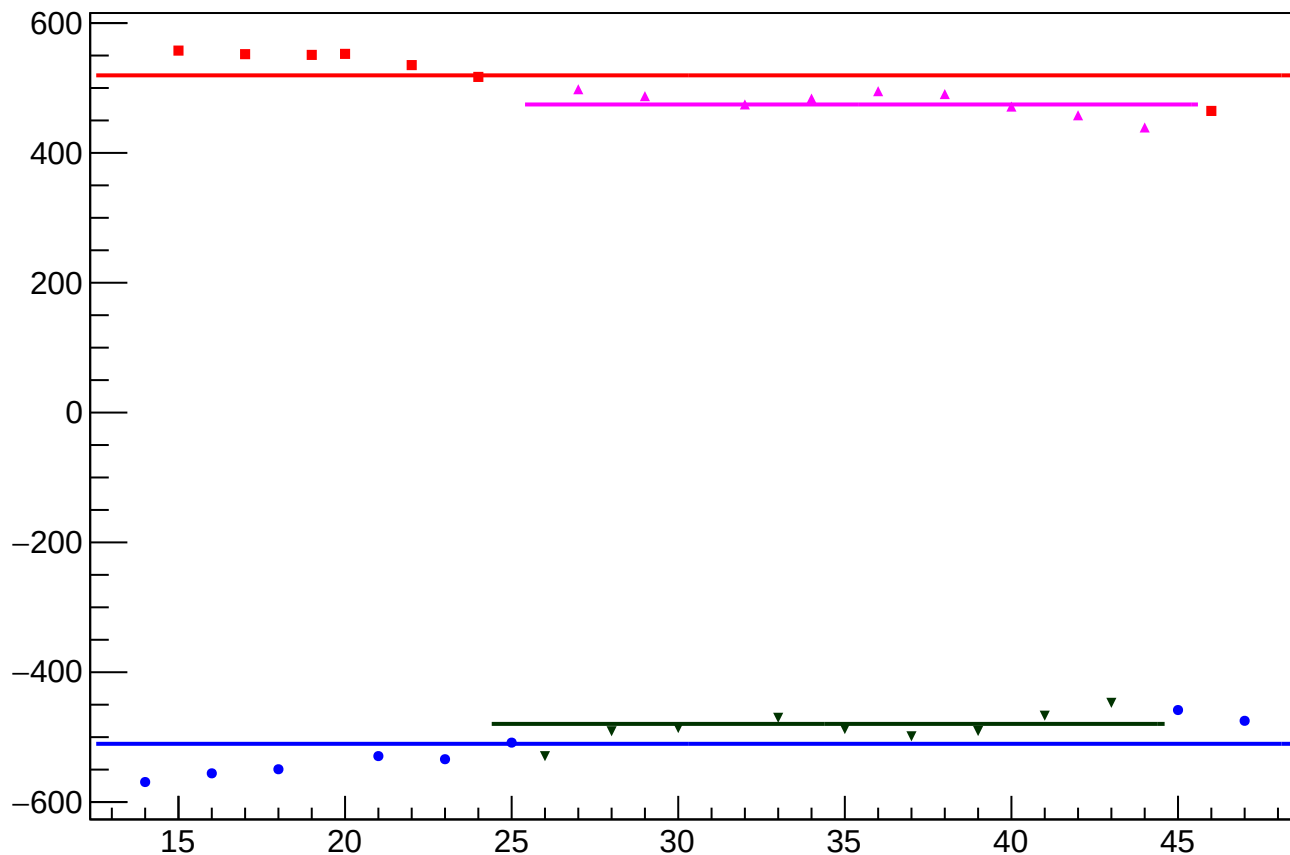
Left Out: -221.044+/-1.496 χ^2 /NDF:593.9/8

Right Out: 300.513+/-2.203 χ^2 /NDF: 391.0/6

Left In: 203.012+/-1.312 χ^2 /NDF:1461.2/8

-1.630+/-0.813 χ^2 /NDF: 92615.4/32

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -510.264 $\pm$ 0.441 χ^2 /NDF: 9049.7/7

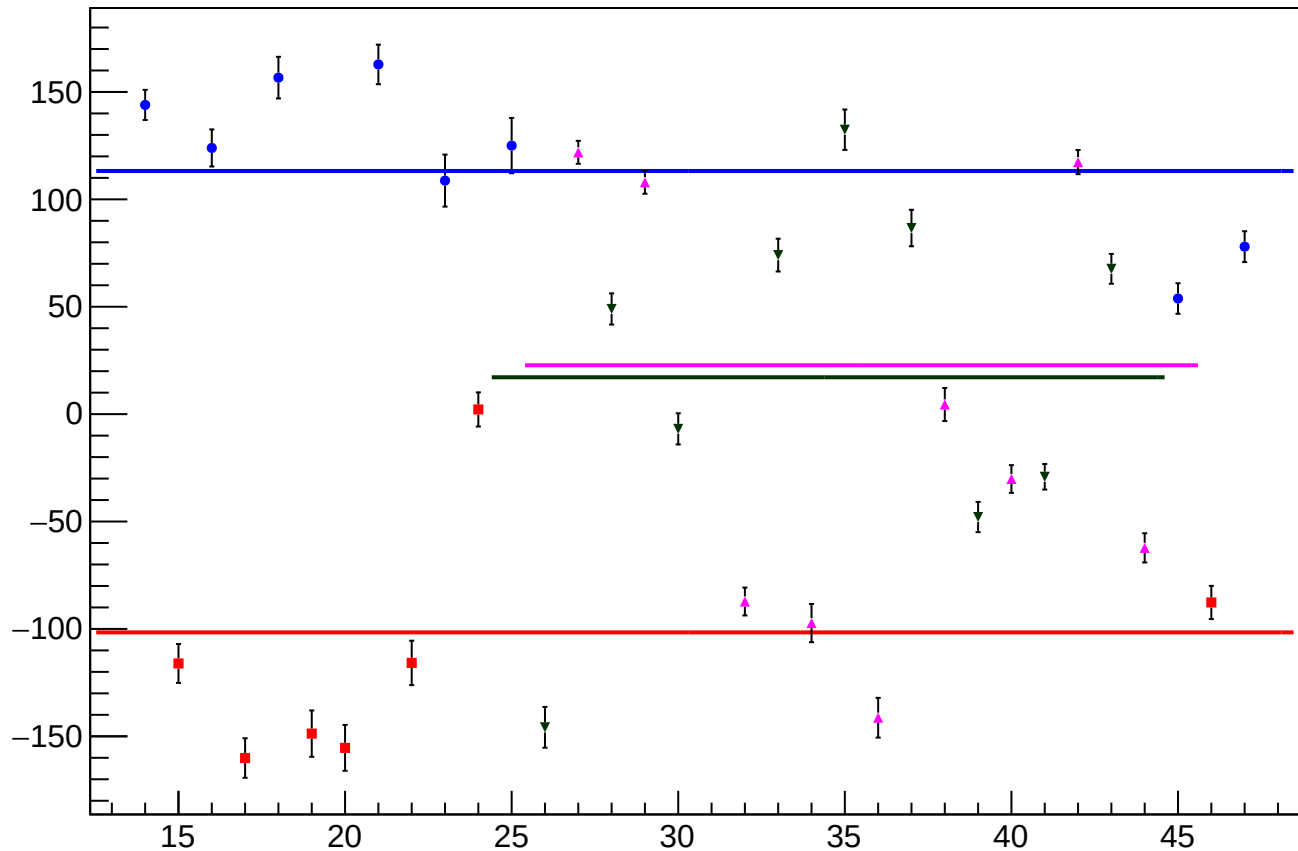
Left Out: -479.578 $\pm$ 0.336 χ^2 /NDF: 3549.6/8

Right Out: 519.461 $\pm$ 0.525 χ^2 /NDF: 5130.0/6

Left In: 474.603 $\pm$ 0.308 χ^2 /NDF: 3381.7/8

0.098 $\pm$ 0.188 χ^2 /NDF: 6755341.6/32

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 113.212 ± 3.040 $\chi^2/\text{NDF}: 164.8/7$

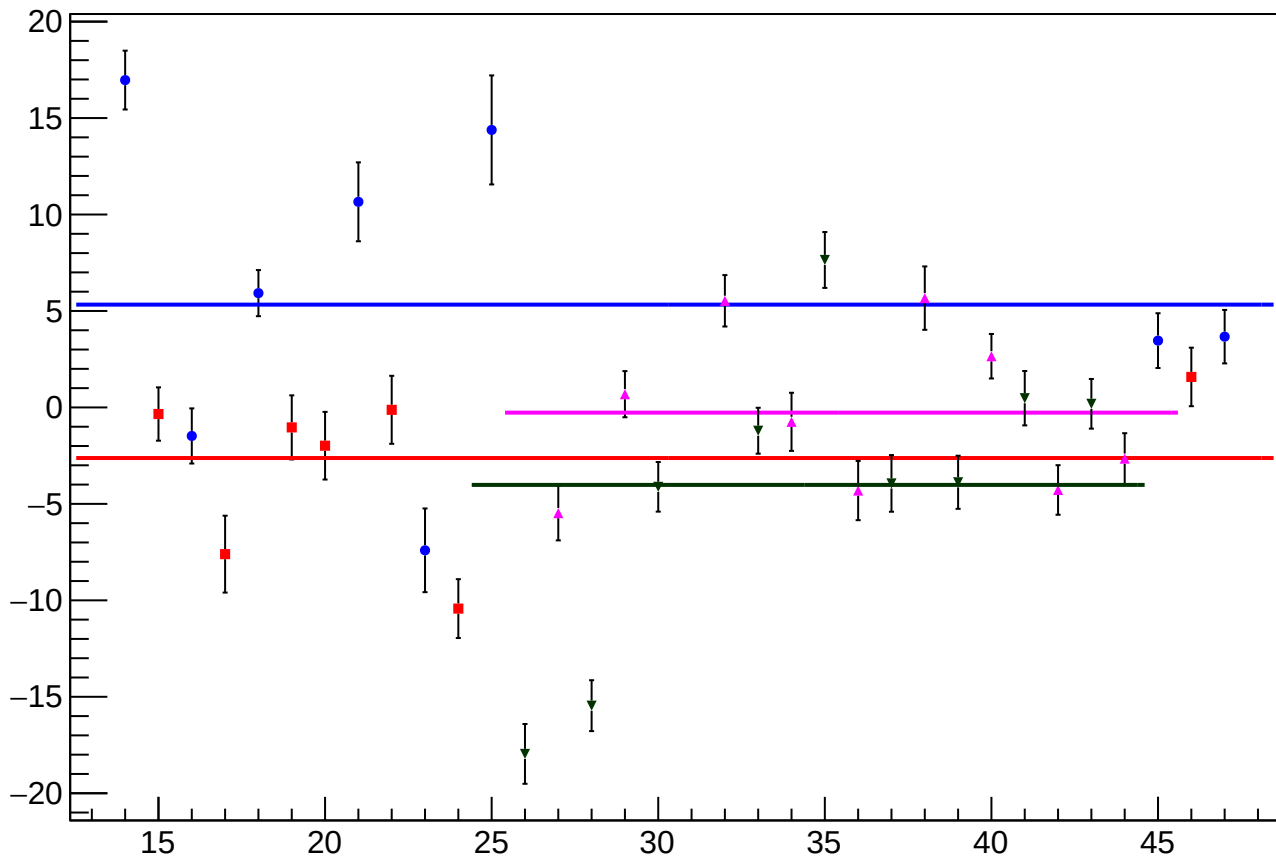
Left Out: 17.160 ± 2.496 $\chi^2/\text{NDF}: 796.1/8$

Right Out: -101.608 ± 3.466 $\chi^2/\text{NDF}: 262.8/6$

Left In: 22.755 ± 2.169 $\chi^2/\text{NDF}: 1896.6/8$

20.163 ± 1.331 $\chi^2/\text{NDF}: 5294.7/32$

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 5.329+/-0.558 χ^2/NDF : 135.9/7

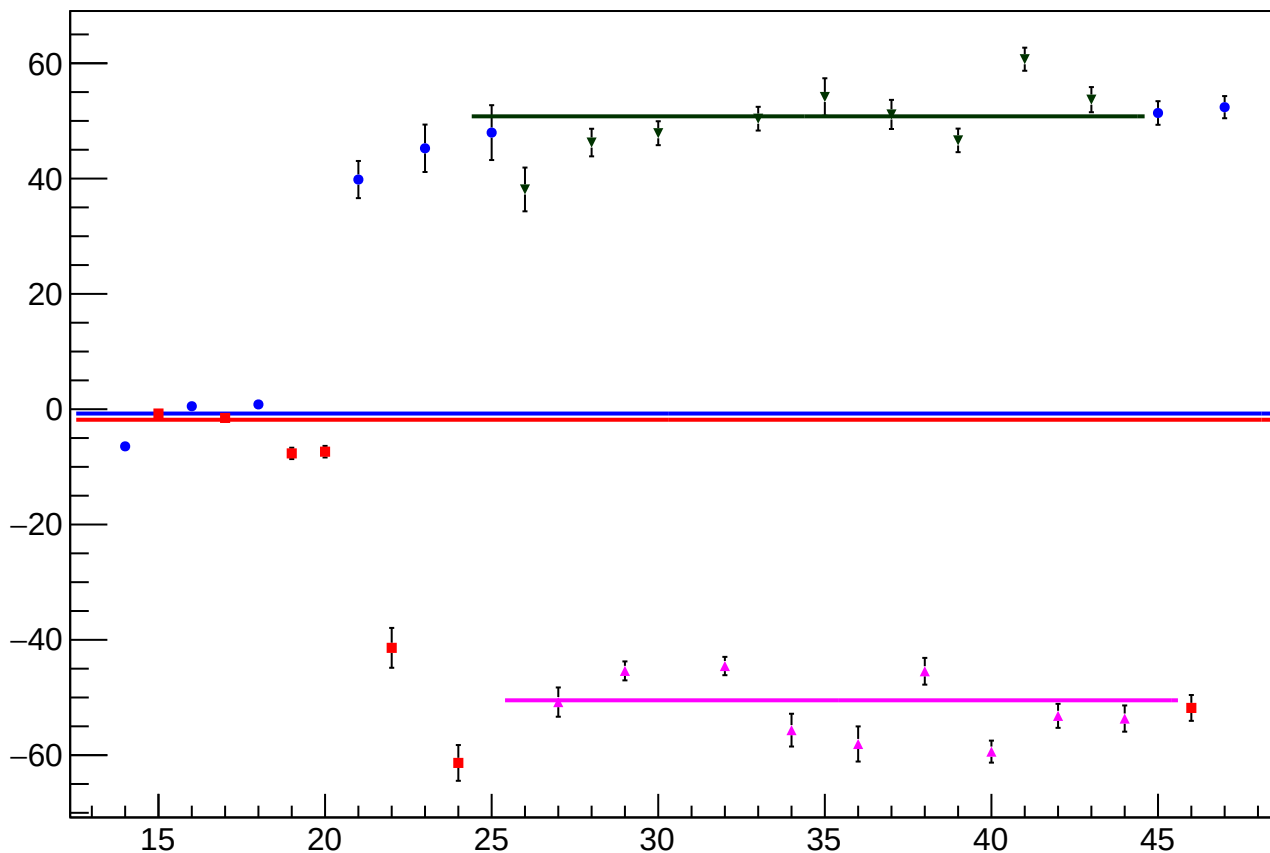
Left Out: -4.016+/-0.453 χ^2/NDF : 247.5/8

Right Out: -2.623+/-0.614 χ^2/NDF : 45.9/6

Left In: -0.270+/-0.450 χ^2/NDF : 72.6/8

-0.686+/-0.253 χ^2/NDF : 682.9/32

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: -0.753 ± 0.147 χ^2/NDF : 2312.1/7

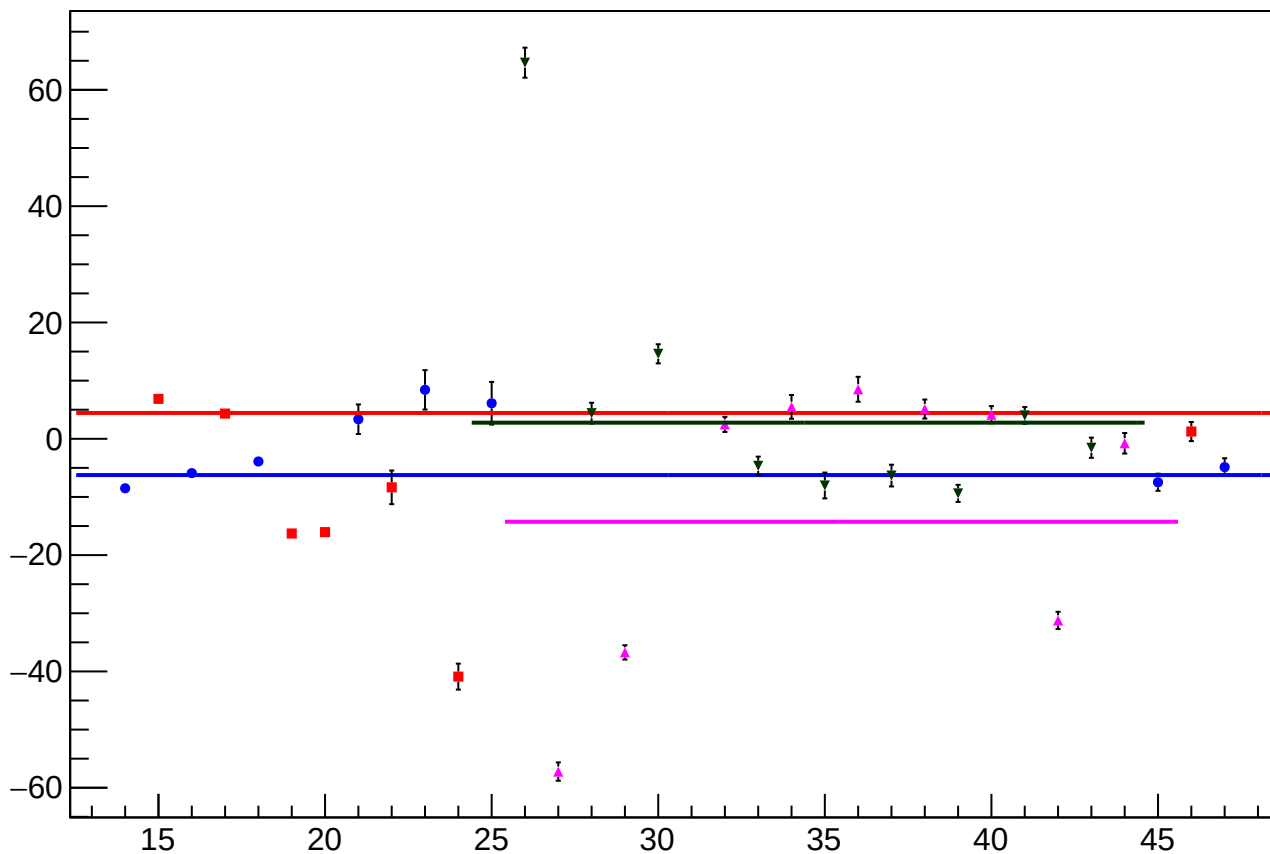
Left Out: 50.793 ± 0.775 χ^2/NDF : 48.3/8

Right Out: -1.828 ± 0.151 χ^2/NDF : 1091.7/6

Left In: -50.488 ± 0.701 χ^2/NDF : 63.2/8

-1.421 ± 0.103 χ^2/NDF : 12981.9/32

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.233+/-0.110 χ^2/NDF : 290.9/7

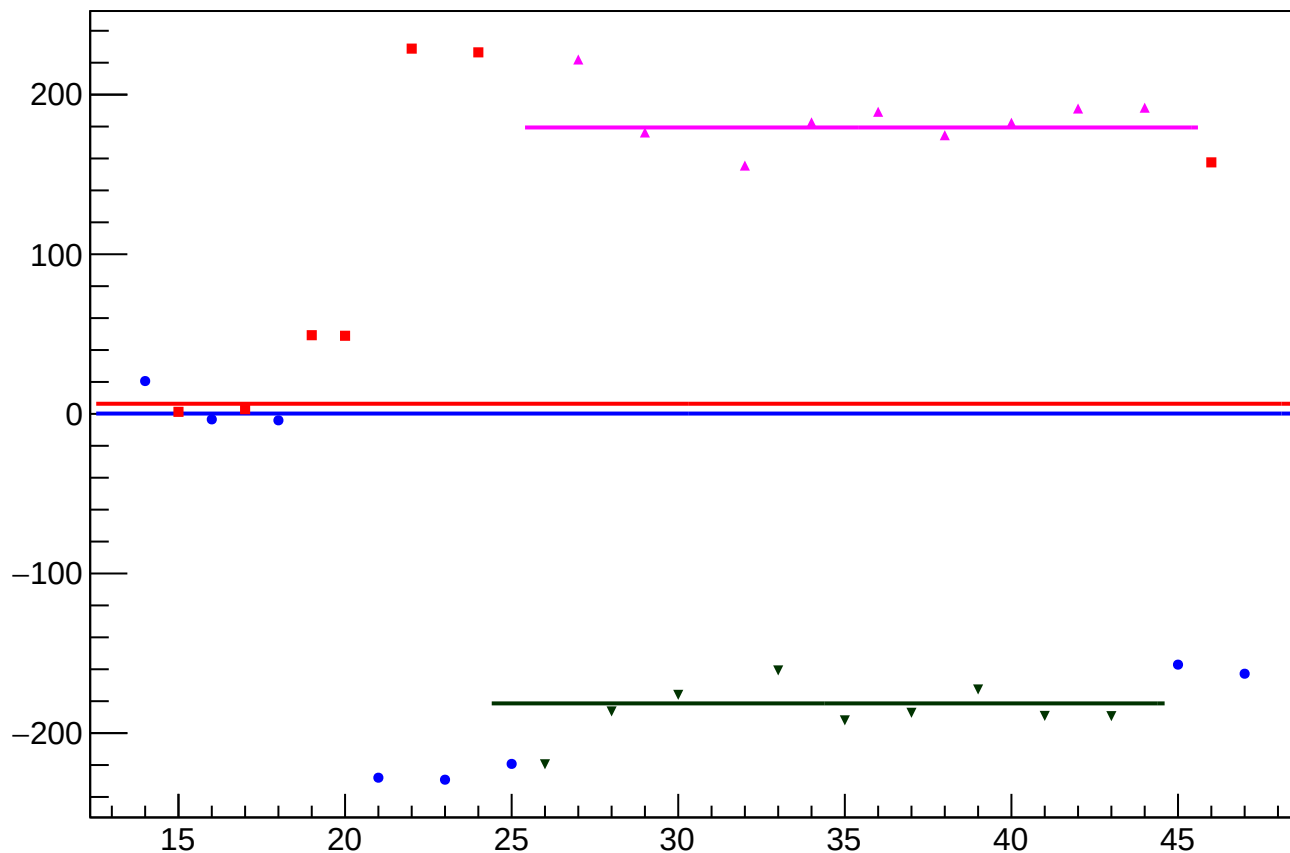
Left Out: 2.776+/-0.578 χ^2/NDF : 772.4/8

Right Out: 4.443+/-0.115 χ^2/NDF : 2262.7/6

Left In: -14.260+/-0.519 χ^2/NDF : 1925.9/8

-1.362+/-0.078 χ^2/NDF : 10405.0/32

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: 0.196+/-0.029 χ^2/NDF : 985551.1/7

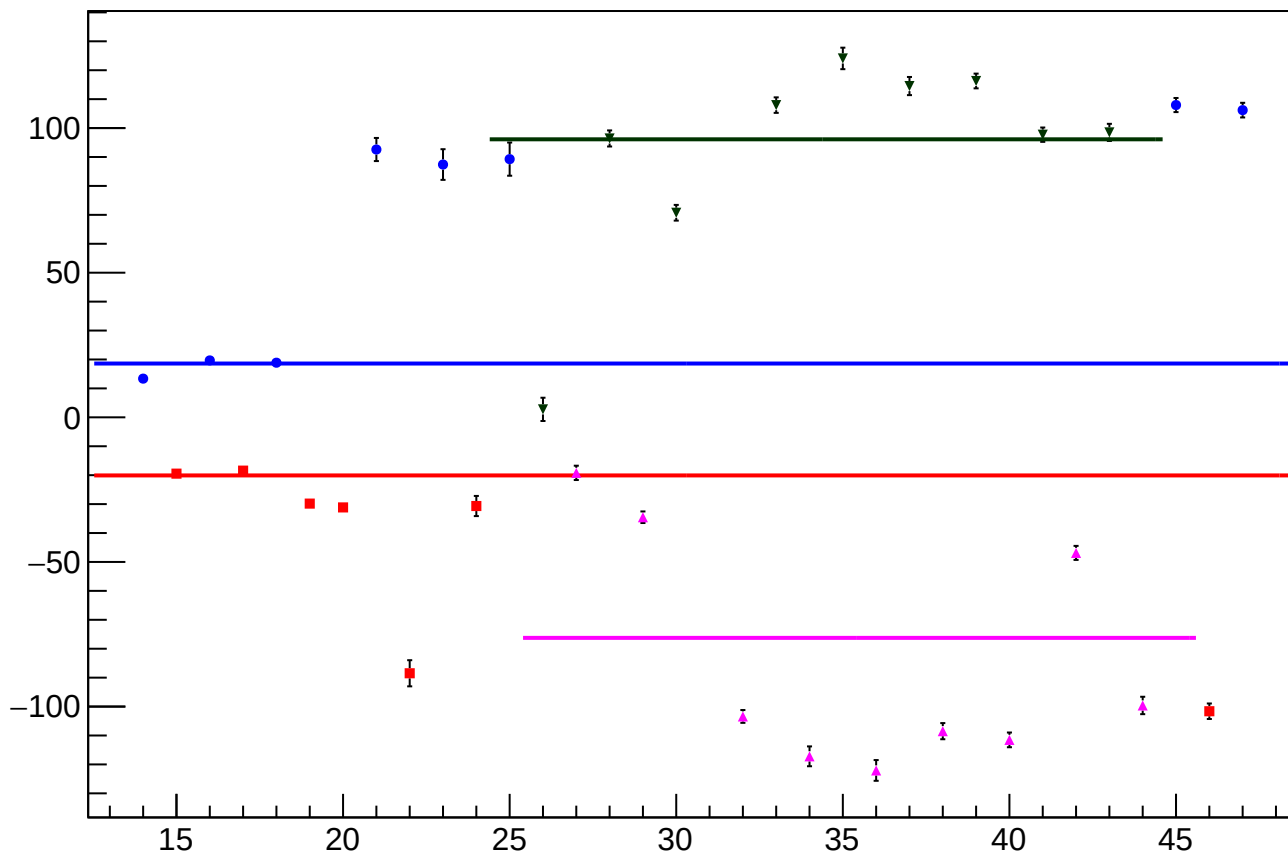
Left Out: -181.384+/-0.129 χ^2/NDF : 10642.5/8

Right Out: 6.343+/-0.029 χ^2/NDF : 593852.4/6

Left In: 179.424+/-0.120 χ^2/NDF : 21031.0/8

3.715+/-0.020 χ^2/NDF : 5845879.5/32

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 18.597+/-0.173 χ^2/NDF : 3509.5/7

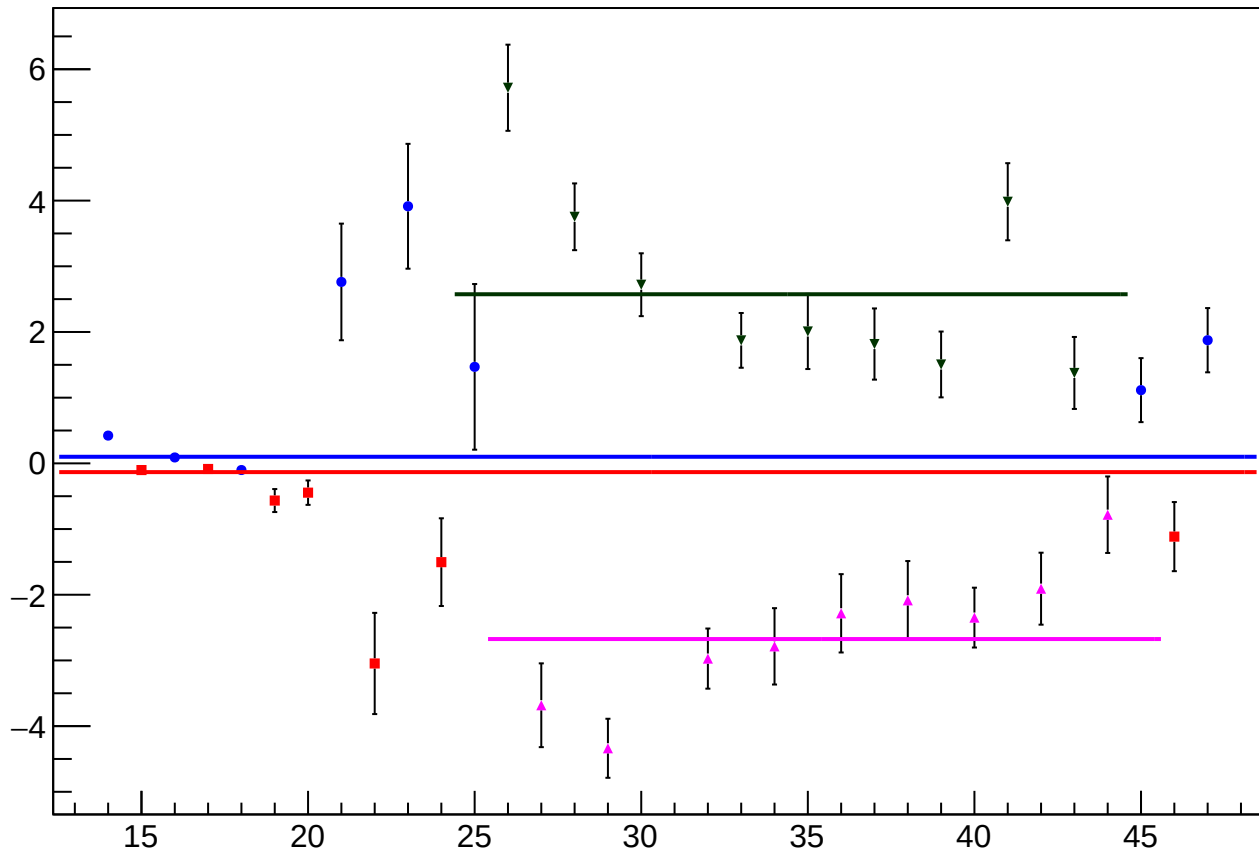
Left Out: 96.116+/-0.966 χ^2/NDF : 801.0/8

Right Out: -20.087+/-0.180 χ^2/NDF : 1373.9/6

Left In: -76.248+/-0.863 χ^2/NDF : 1954.9/8

0.037+/-0.122 χ^2/NDF : 49418.6/32

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.100 ± 0.029 $\chi^2/\text{NDF}: 85.2/7$

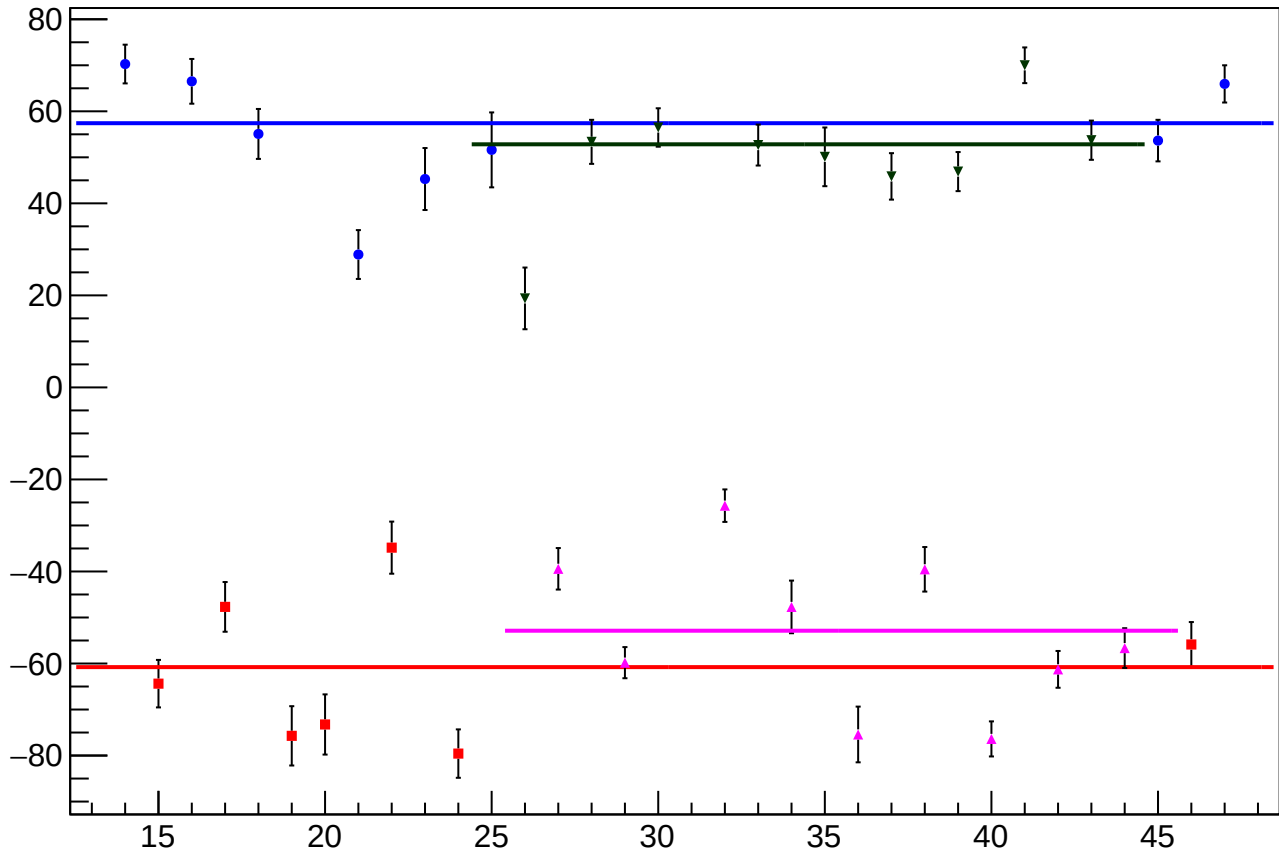
Left Out: 2.574 ± 0.174 $\chi^2/\text{NDF}: 49.3/8$

Right Out: -0.133 ± 0.031 $\chi^2/\text{NDF}: 32.3/6$

Left In: -2.674 ± 0.177 $\chi^2/\text{NDF}: 31.1/8$

-0.007 ± 0.021 $\chi^2/\text{NDF}: 674.7/32$

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 57.416 ± 1.780 $\chi^2/\text{NDF}: 50.8/7$

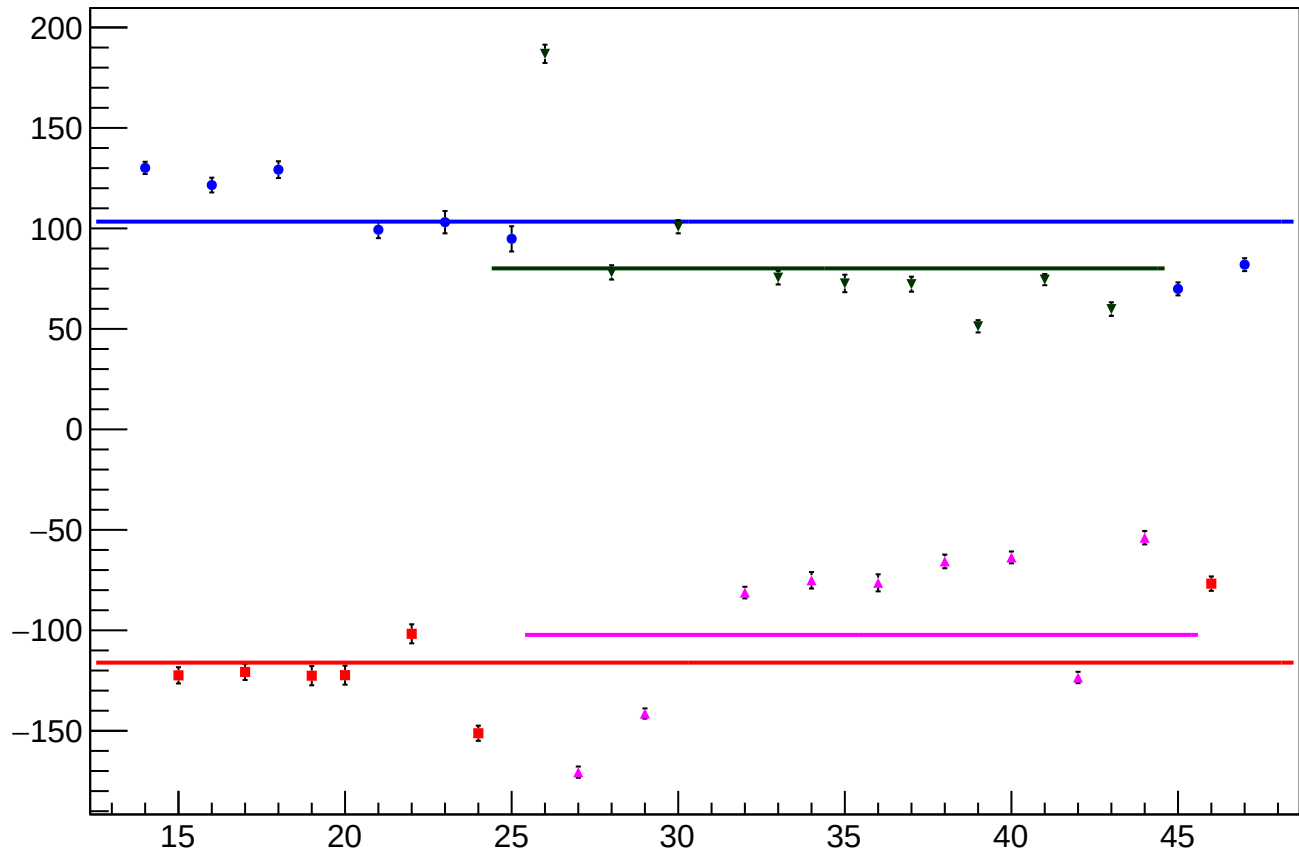
Left Out: 52.828 ± 1.553 $\chi^2/\text{NDF}: 49.4/8$

-0.301 ± 0.827 $\chi^2/\text{NDF}: 4734.3/32$

Right Out: -60.782 ± 2.091 $\chi^2/\text{NDF}: 50.2/6$

Left In: -52.873 ± 1.411 $\chi^2/\text{NDF}: 137.9/8$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 103.381+/-1.355 χ^2/NDF : 292.8/7

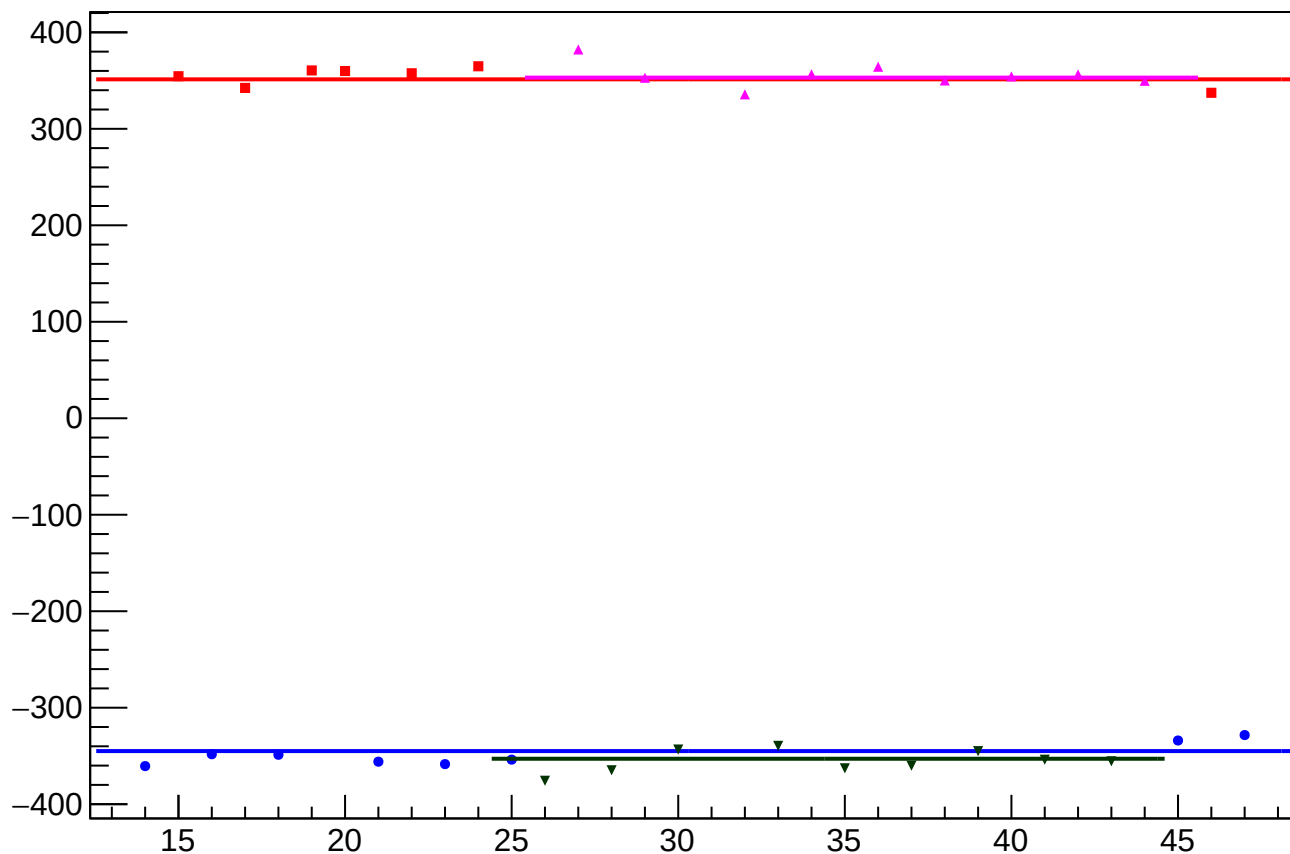
Left Out: 80.107+/-1.156 χ^2/NDF : 725.9/8

Right Out: -116.065+/-1.573 χ^2/NDF : 222.9/6

Left In: -102.262+/-1.036 χ^2/NDF : 1514.4/8

-9.867+/-0.617 χ^2/NDF : 28305.9/32

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -344.947 $\pm$ 0.317 χ^2 /NDF: 1536.7/7

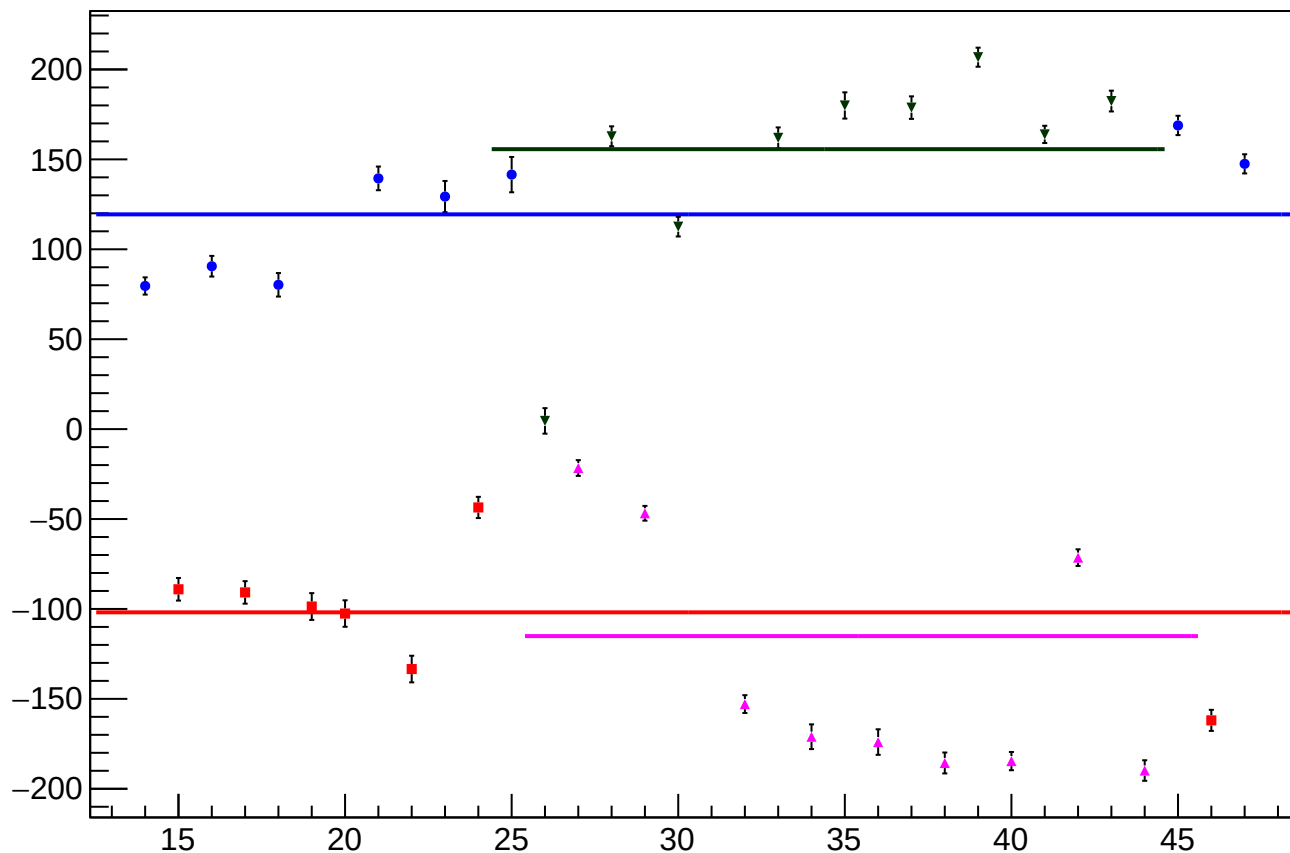
Left Out: -352.892 $\pm$ 0.259 χ^2 /NDF:1502.2/8

Right Out: 351.265 $\pm$ 0.377 χ^2 /NDF: 759.8/6

Left In: 353.066 $\pm$ 0.242 χ^2 /NDF:2507.5/8

-3.765 $\pm$ 0.143 χ^2 /NDF: 6040270.7/32

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 119.419 $\pm$ 2.164 χ^2 /NDF: 257.9/7

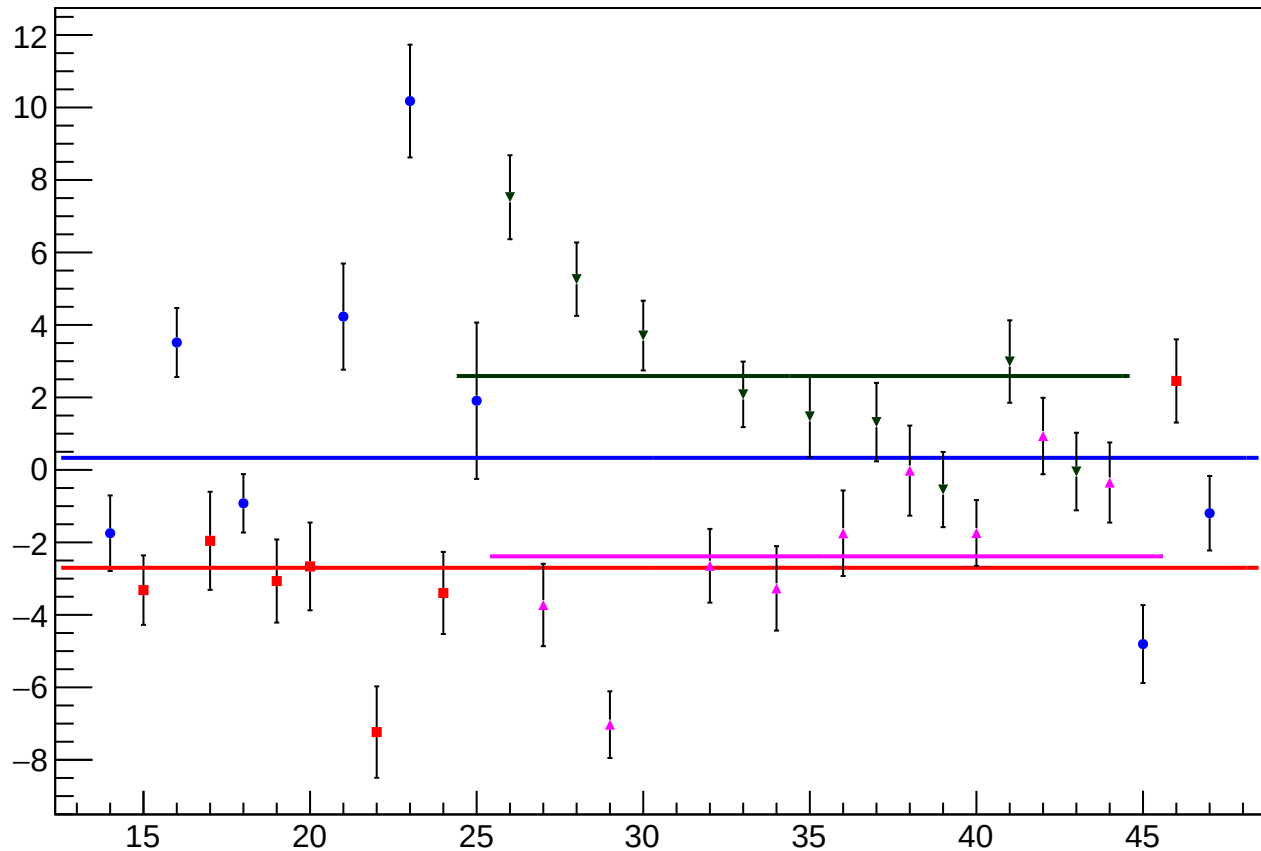
Left Out: 155.674 $\pm$ 1.929 χ^2 /NDF:660.3/8

Right Out: -101.891 $\pm$ 2.474 χ^2 /NDF: 228.6/6

Left In: -115.103 $\pm$ 1.717 χ^2 /NDF:1520.3/8

11.851 $\pm$ 1.008 χ^2 /NDF: 18276.0/32

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 0.333 ± 0.393 χ^2/NDF : 90.3/7

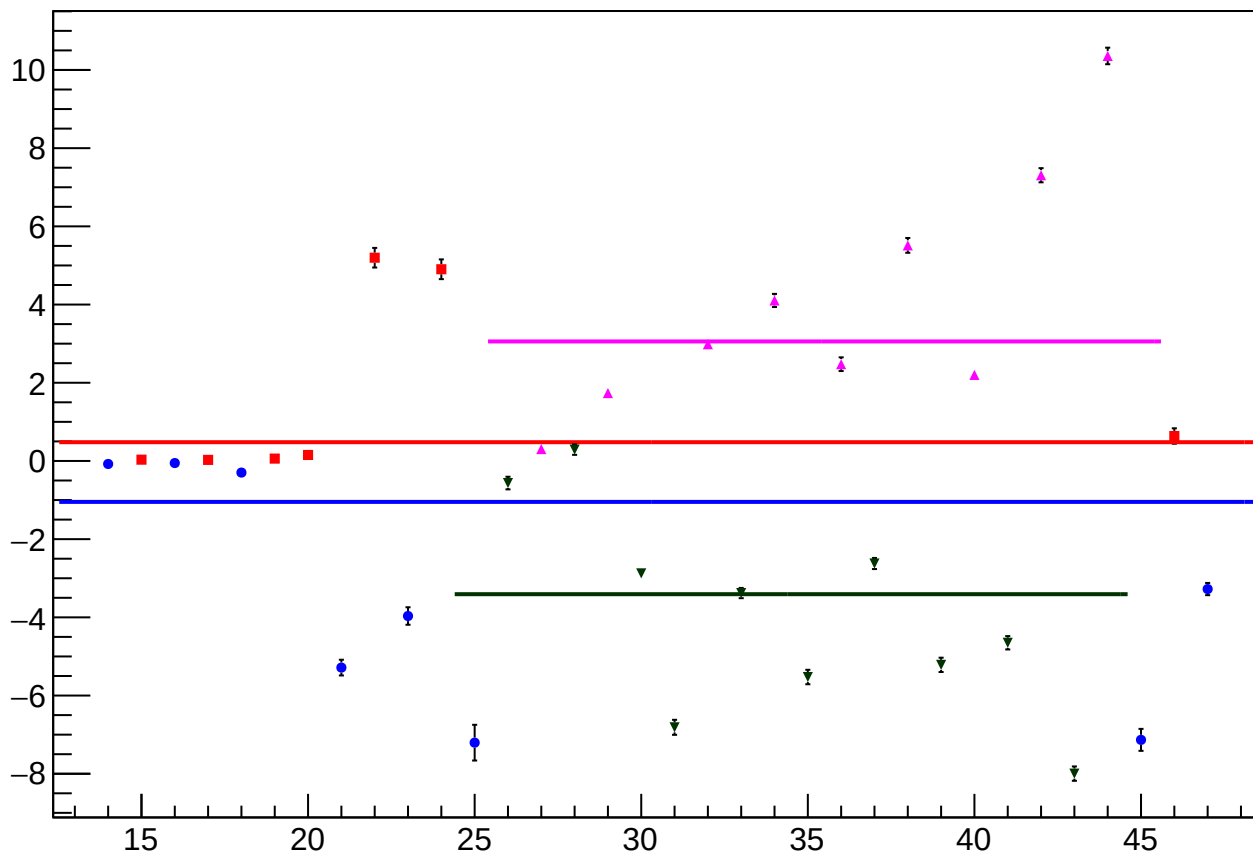
Left Out: 2.591 ± 0.348 χ^2/NDF : 44.4/8

Right Out: -2.700 ± 0.437 χ^2/NDF : 34.3/6

Left In: -2.386 ± 0.355 χ^2/NDF : 45.2/8

-0.344 ± 0.189 χ^2/NDF : 350.4/32

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -1.047+/-0.045 χ^2/NDF : 1801.6/7

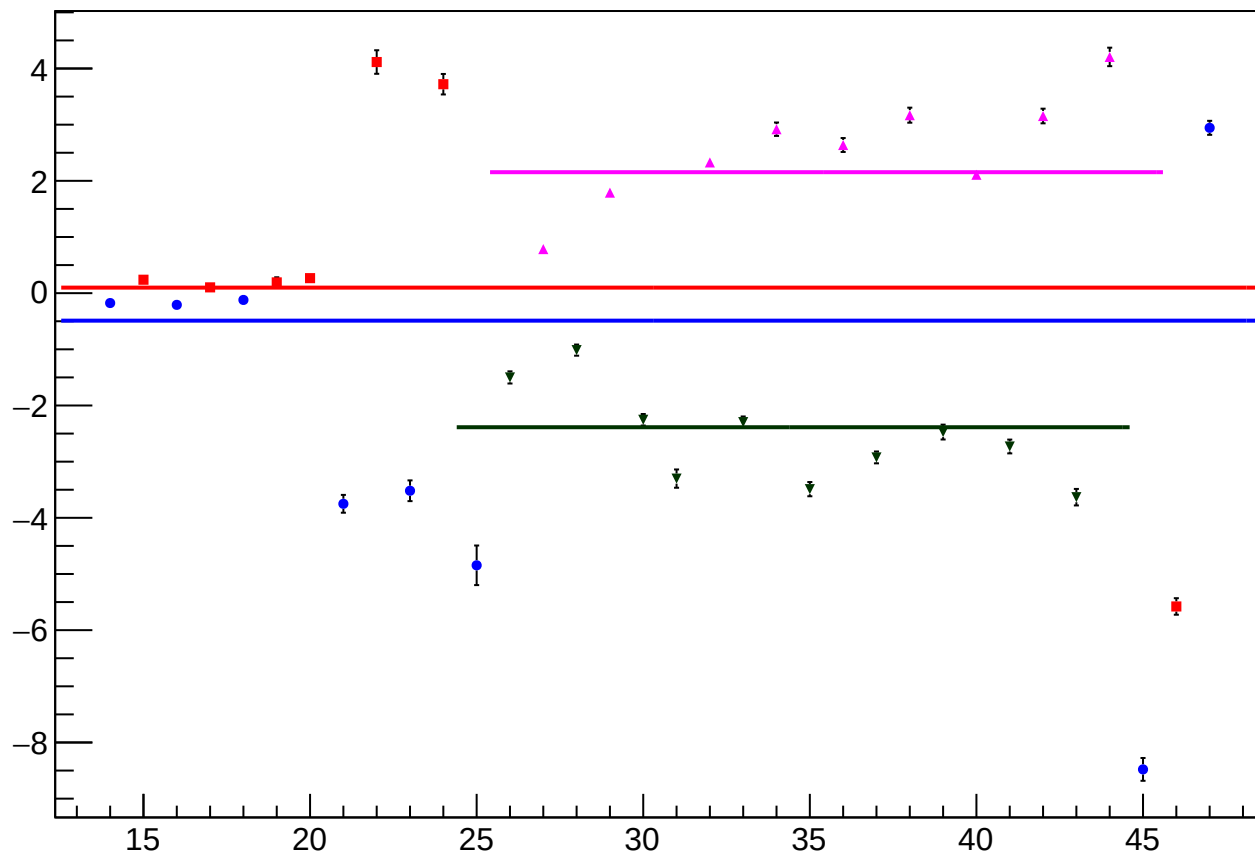
Left Out: -3.408+/-0.049 χ^2/NDF : 2336.5/9

Right Out: 0.480+/-0.049 χ^2/NDF : 722.9/6

Left In: 3.057+/-0.044 χ^2/NDF : 2696.0/8

-0.081+/-0.023 χ^2/NDF : 17798.8/33

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: -0.489 ± 0.034 χ^2/NDF : 3223.5/7

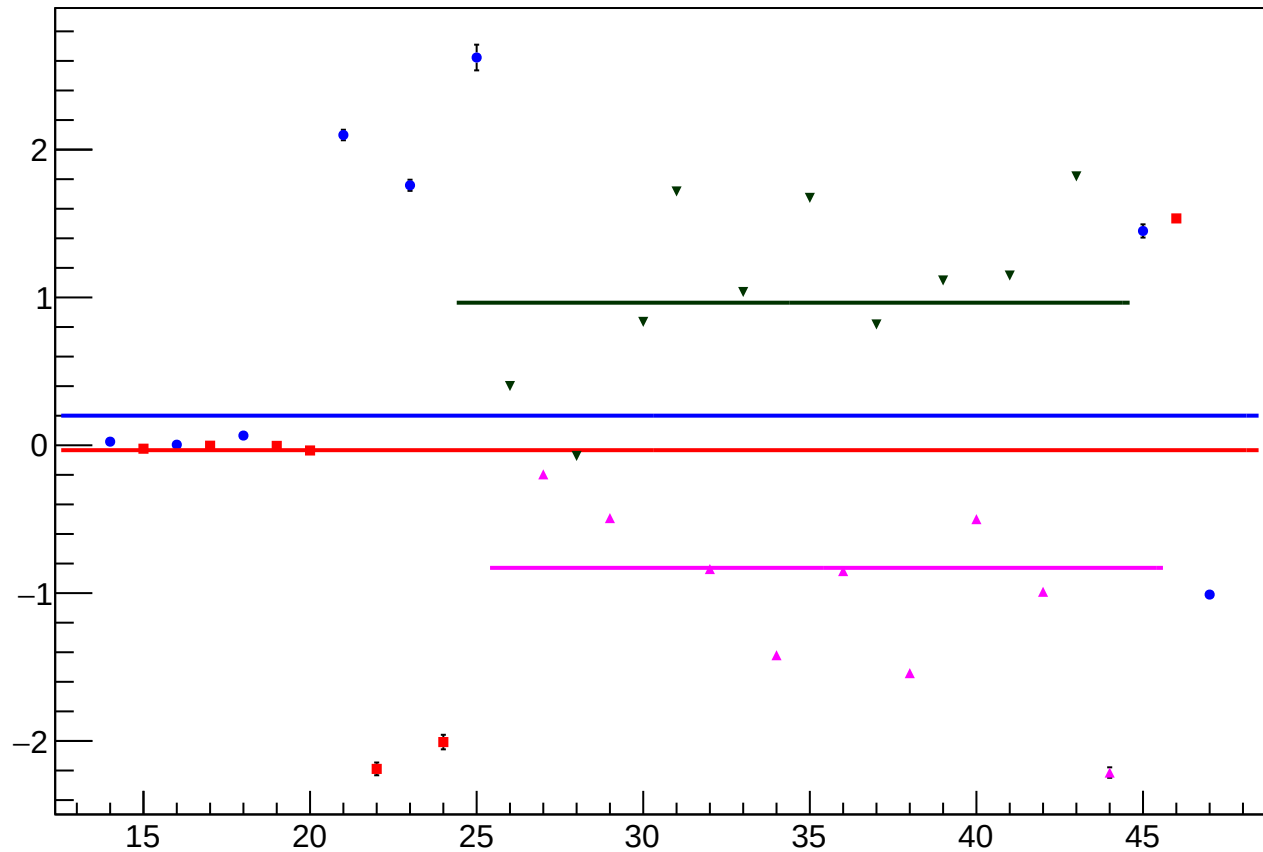
Left Out: -2.387 ± 0.037 χ^2/NDF : 474.3/9

Right Out: 0.099 ± 0.037 χ^2/NDF : 2260.2/6

Left In: 2.154 ± 0.032 χ^2/NDF : 703.0/8

-0.025 ± 0.017 χ^2/NDF : 15490.9/33

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: 0.200+/-0.008 χ^2/NDF : 8531.5/7

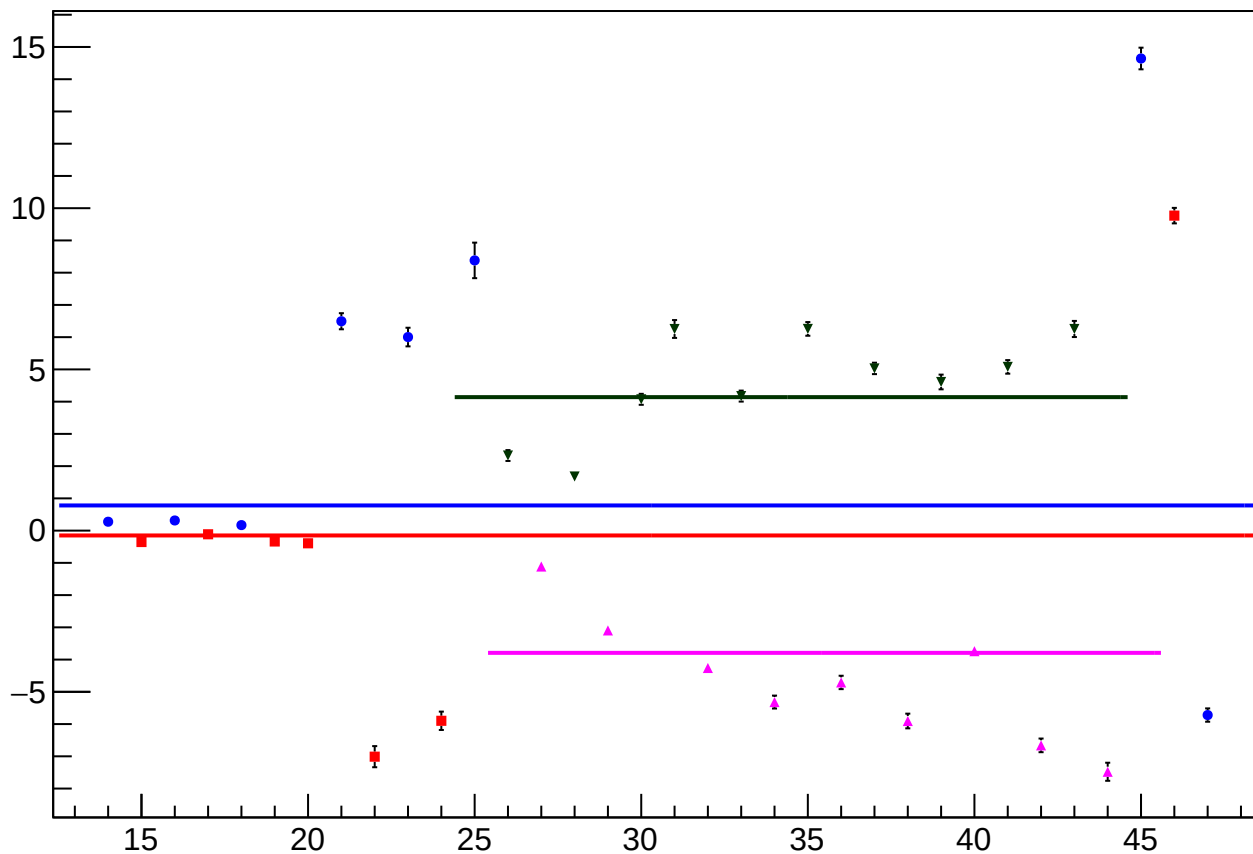
Left Out: 0.965+/-0.008 χ^2/NDF : 4725.8/9

Right Out: -0.033+/-0.009 χ^2/NDF : 6962.3/6

Left In: -0.829+/-0.007 χ^2/NDF : 3974.8/8

0.045+/-0.004 χ^2/NDF : 51675.6/33

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: 0.781+/-0.053 χ^2/NDF : 3811.9/7

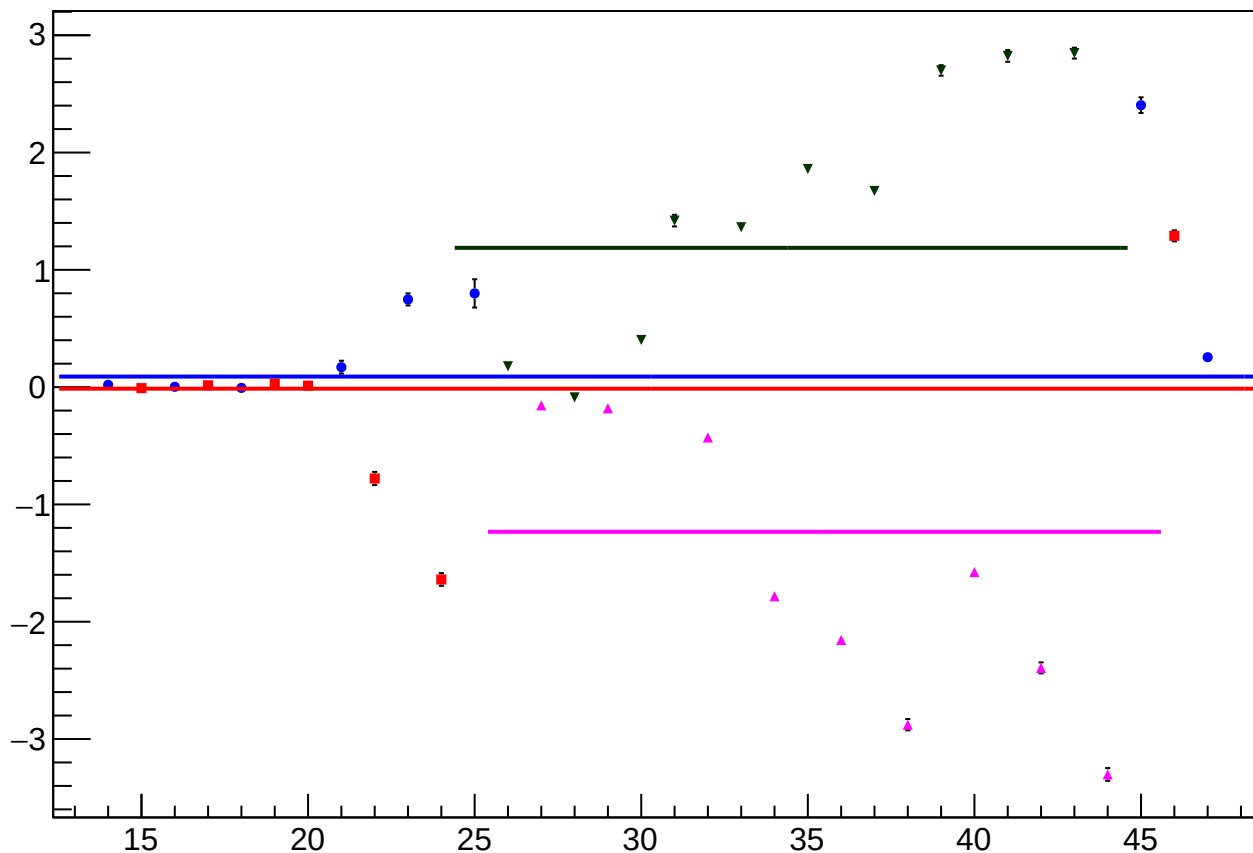
Left Out: 4.140+/-0.061 χ^2/NDF : 645.5/9

0.029+/-0.028 χ^2/NDF : 17961.7/33

Right Out: -0.150+/-0.058 χ^2/NDF : 2557.8/6

Left In: -3.791+/-0.054 χ^2/NDF : 1110.1/8

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: 0.090 $\pm$ 0.009 χ^2 /NDF: 1493.4/7

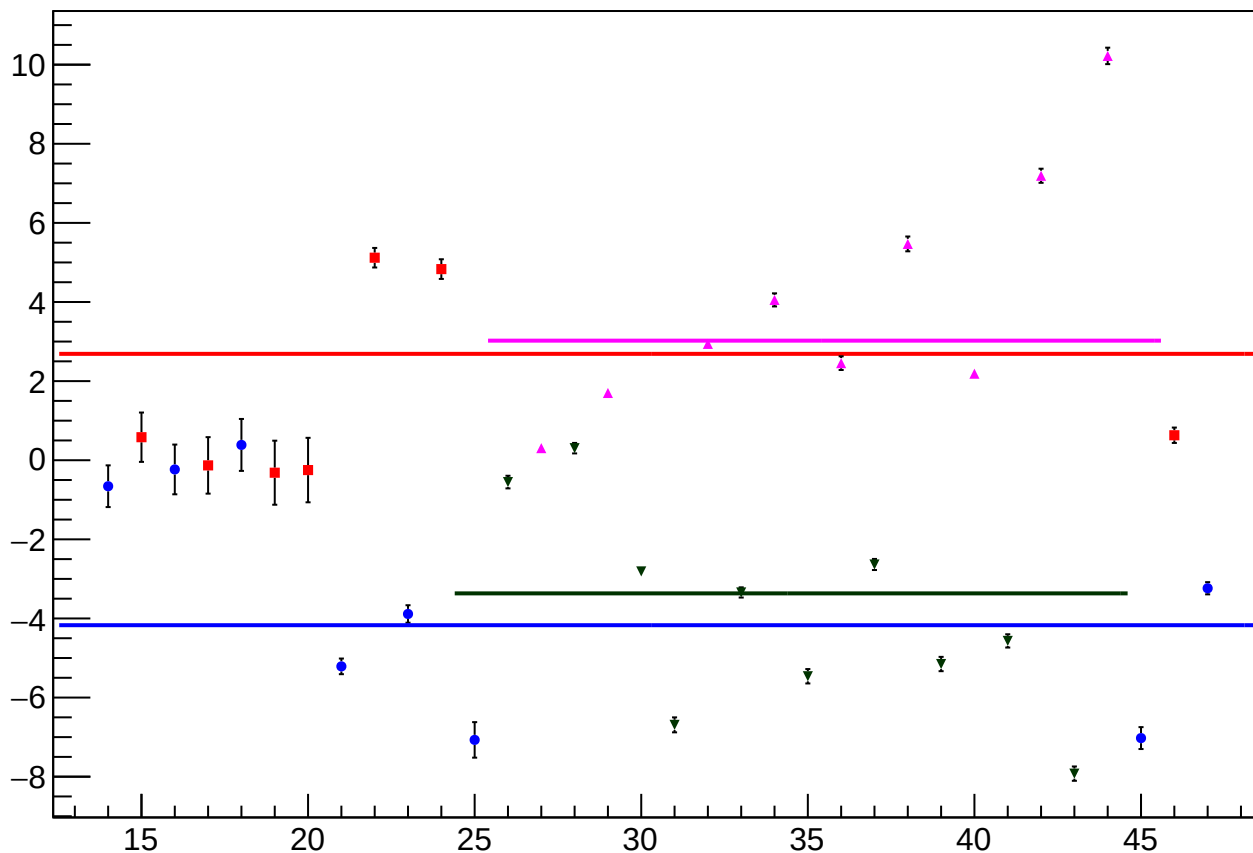
Left Out: 1.187 $\pm$ 0.011 χ^2 /NDF: 8226.8/9

Right Out: -0.013 $\pm$ 0.010 χ^2 /NDF: 1860.3/6

Left In: -1.234 $\pm$ 0.011 χ^2 /NDF: 7863.3/8

0.037 $\pm$ 0.005 χ^2 /NDF: 44097.9/33

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -4.170 ± 0.093 χ^2/NDF : 345.6/7

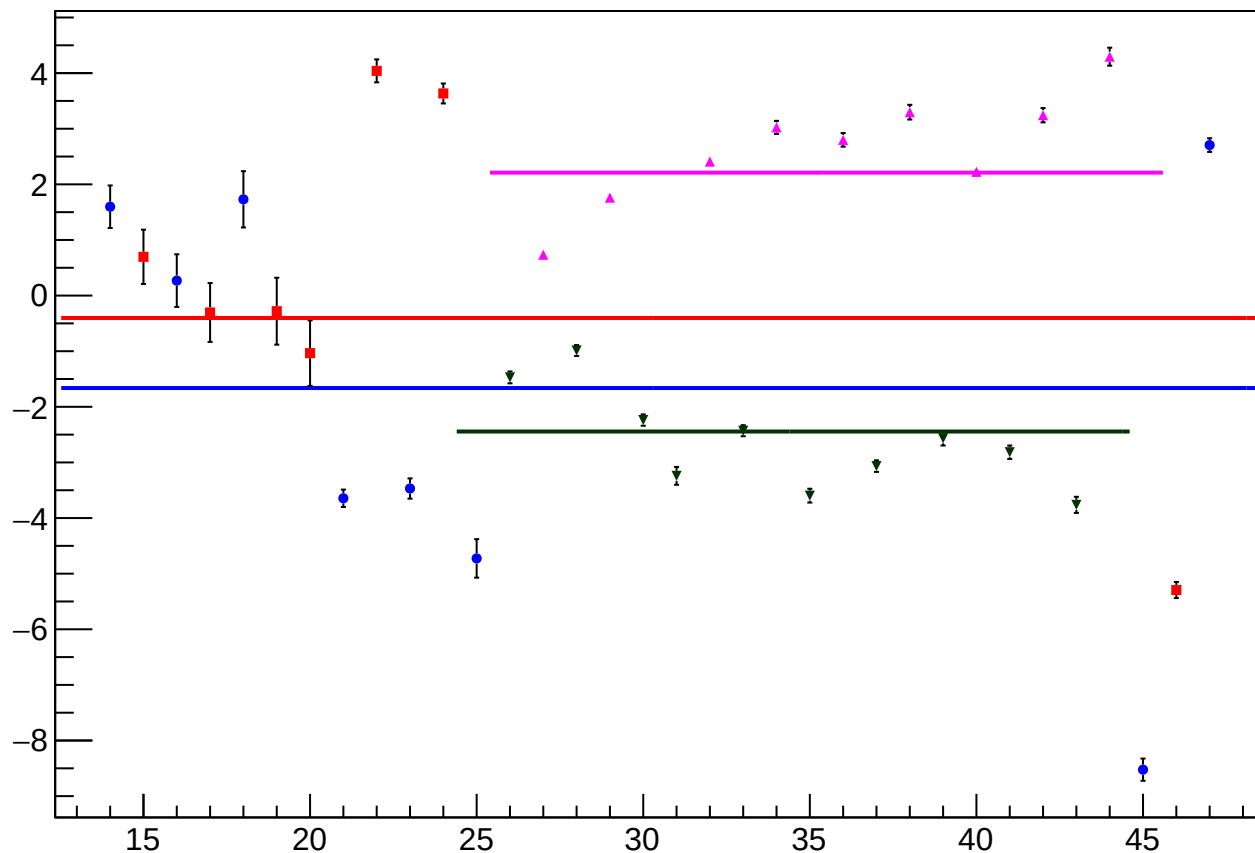
Left Out: -3.366 ± 0.049 χ^2/NDF : 2347.4/9

Right Out: 2.689 ± 0.123 χ^2/NDF : 336.5/6

Left In: 3.023 ± 0.043 χ^2/NDF : 2701.7/8

-0.109 ± 0.030 χ^2/NDF : 17833.3/33

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: -1.662+/-0.073 χ^2 /NDF: 2909.8/7

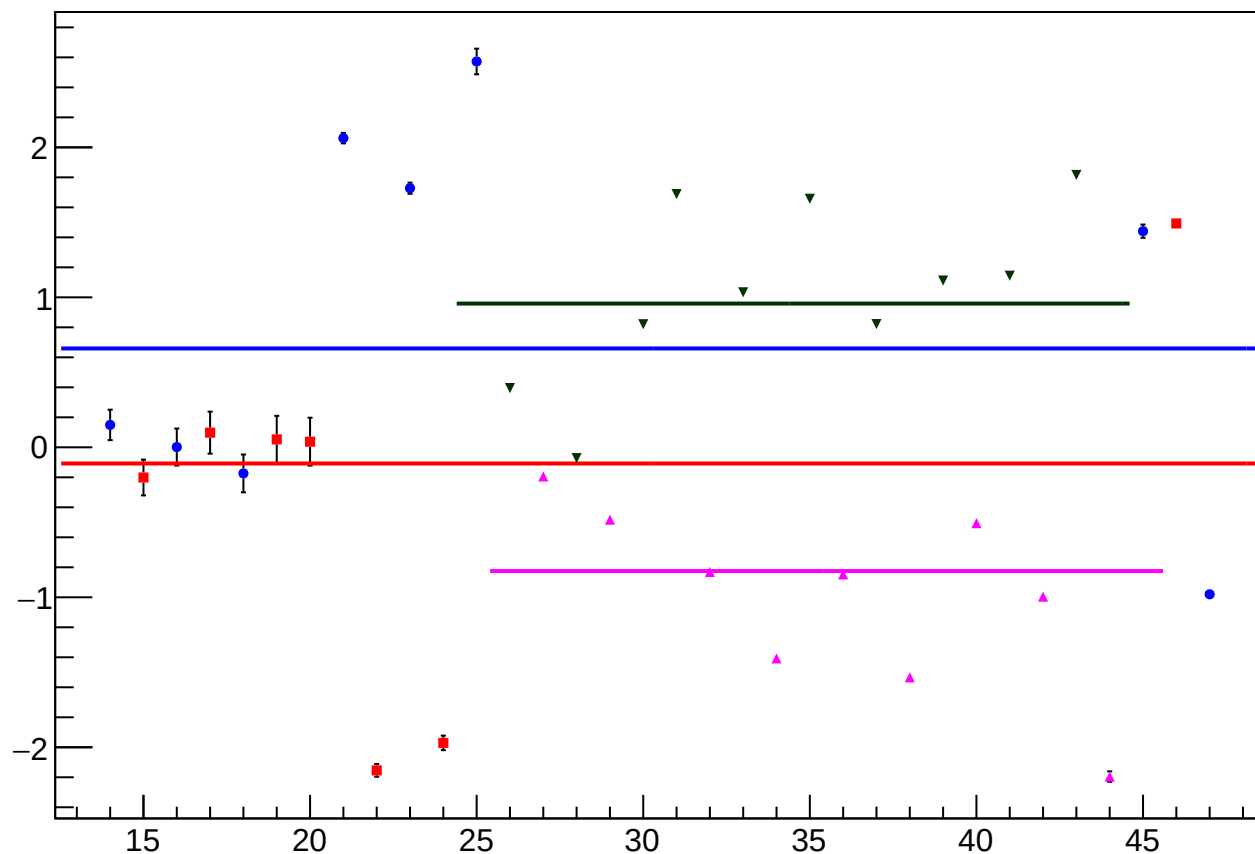
Left Out: -2.444+/-0.036 χ^2 /NDF: 547.3/9

Right Out: -0.403+/-0.093 χ^2 /NDF: 2113.6/6

Left In: 2.211+/-0.032 χ^2 /NDF: 822.7/8

-0.031+/-0.022 χ^2 /NDF: 16217.2/33

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: 0.659+/-0.016 χ^2/NDF : 7333.4/7

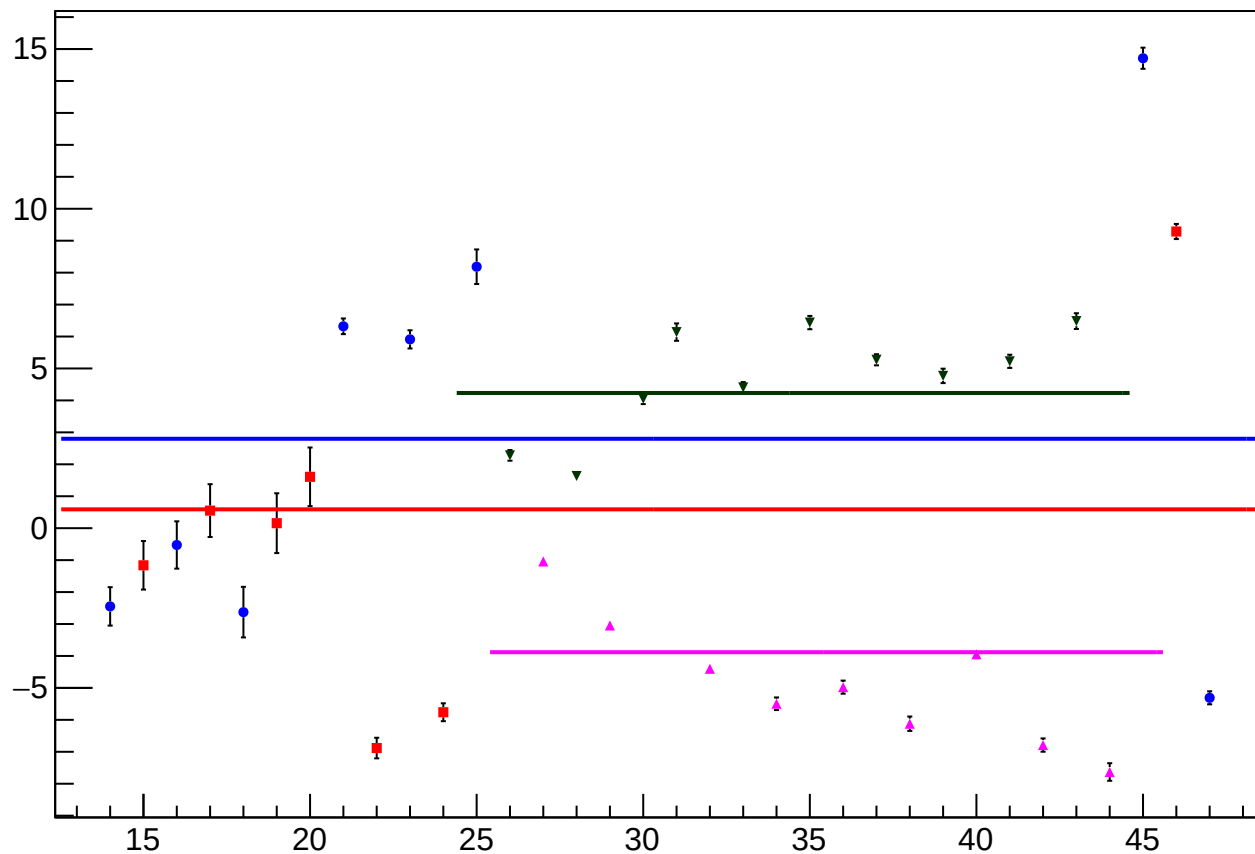
Left Out: 0.958+/-0.008 χ^2/NDF : 4774.0/9

Right Out: -0.108+/-0.021 χ^2/NDF : 6864.3/6

Left In: -0.825+/-0.007 χ^2/NDF : 4028.8/8

0.063+/-0.005 χ^2/NDF : 51996.2/33

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: 2.799 $\pm$ 0.118 χ^2 /NDF: 3442.8/7

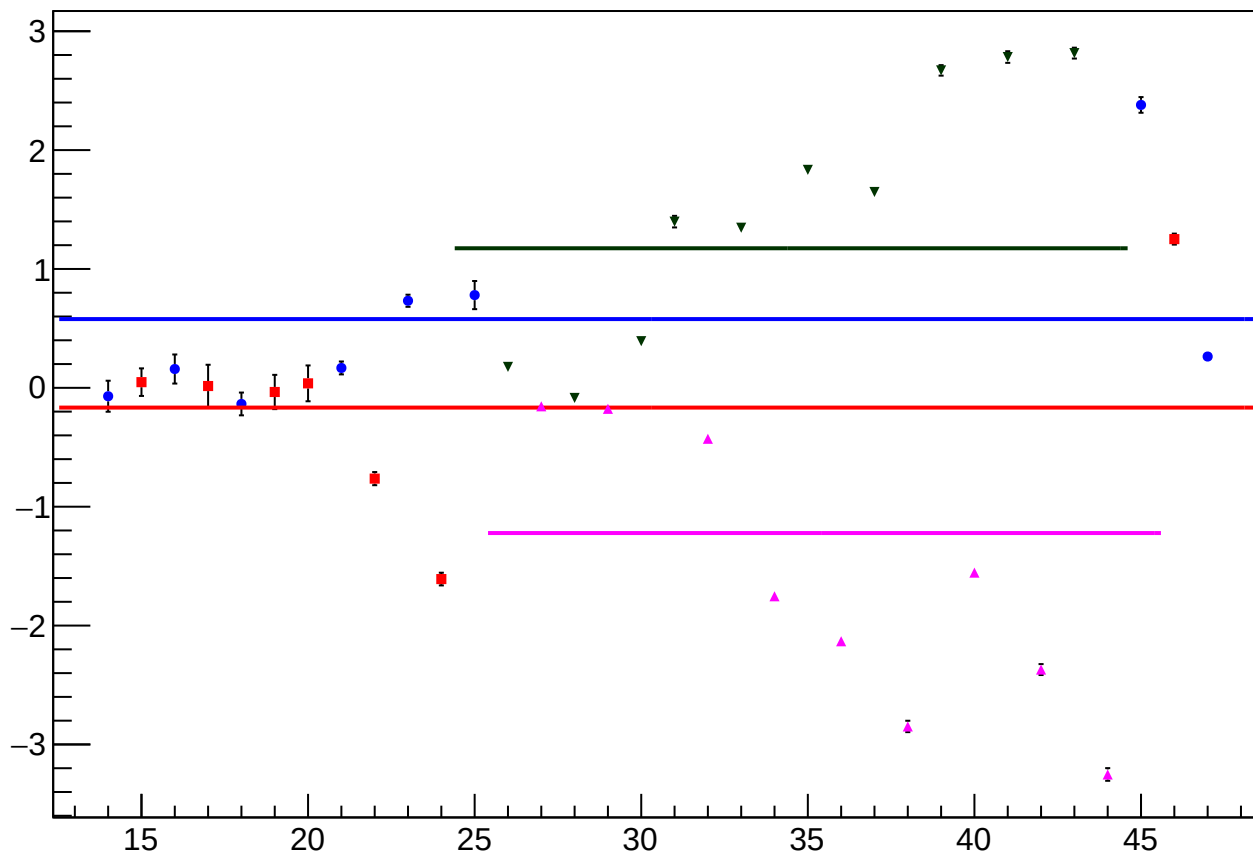
Left Out: 4.233 $\pm$ 0.060 χ^2 /NDF: 734.7/9

Right Out: 0.590 $\pm$ 0.148 χ^2 /NDF: 2405.3/6

Left In: -3.882 $\pm$ 0.053 χ^2 /NDF: 1264.0/8

0.032 $\pm$ 0.037 χ^2 /NDF: 18758.1/33

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: 0.578+/-0.023 χ^2/NDF : 971.2/7

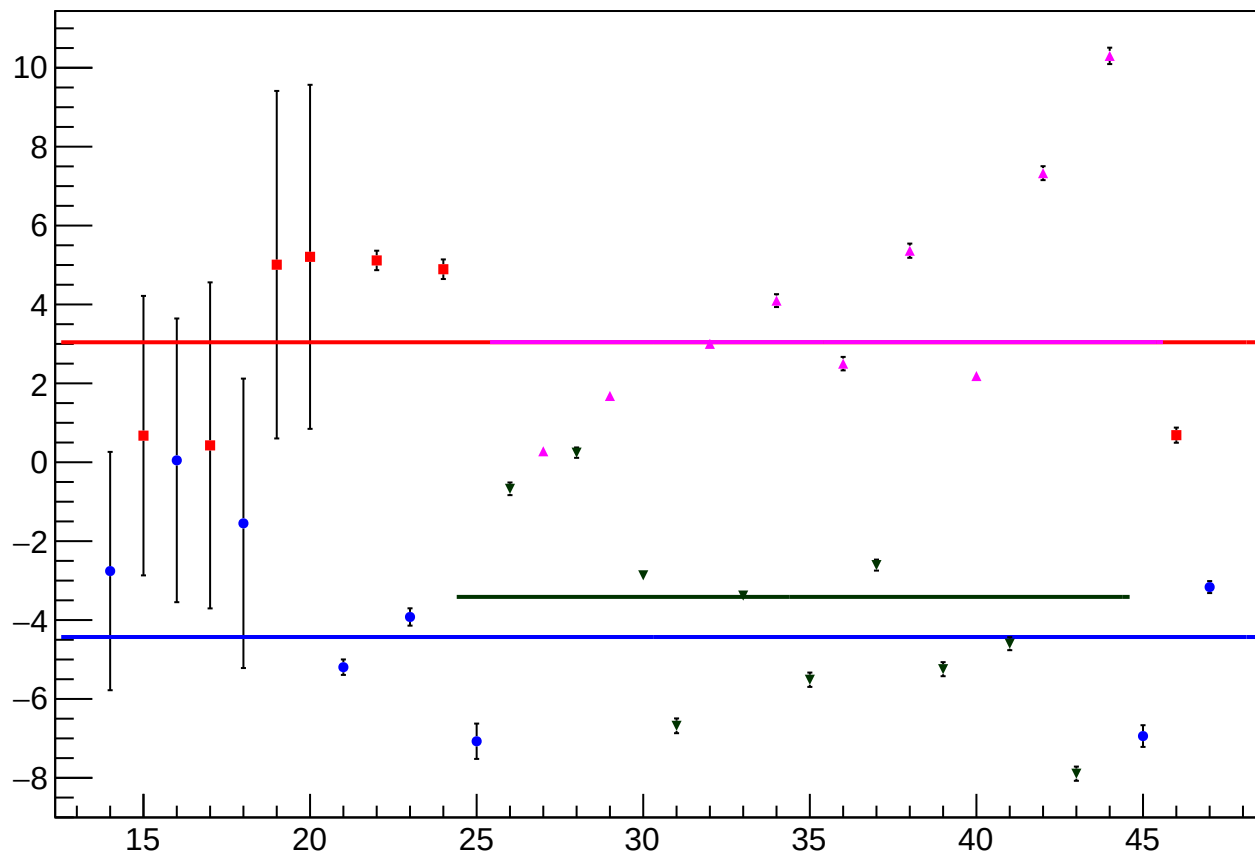
Left Out: 1.174+/-0.011 χ^2/NDF : 8236.9/9

Right Out: -0.166+/-0.027 χ^2/NDF : 1790.7/6

Left In: -1.222+/-0.011 χ^2/NDF : 7856.5/8

0.067+/-0.007 χ^2/NDF : 44184.3/33

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -4.430+/-0.096 χ^2 /NDF: 210.6/7

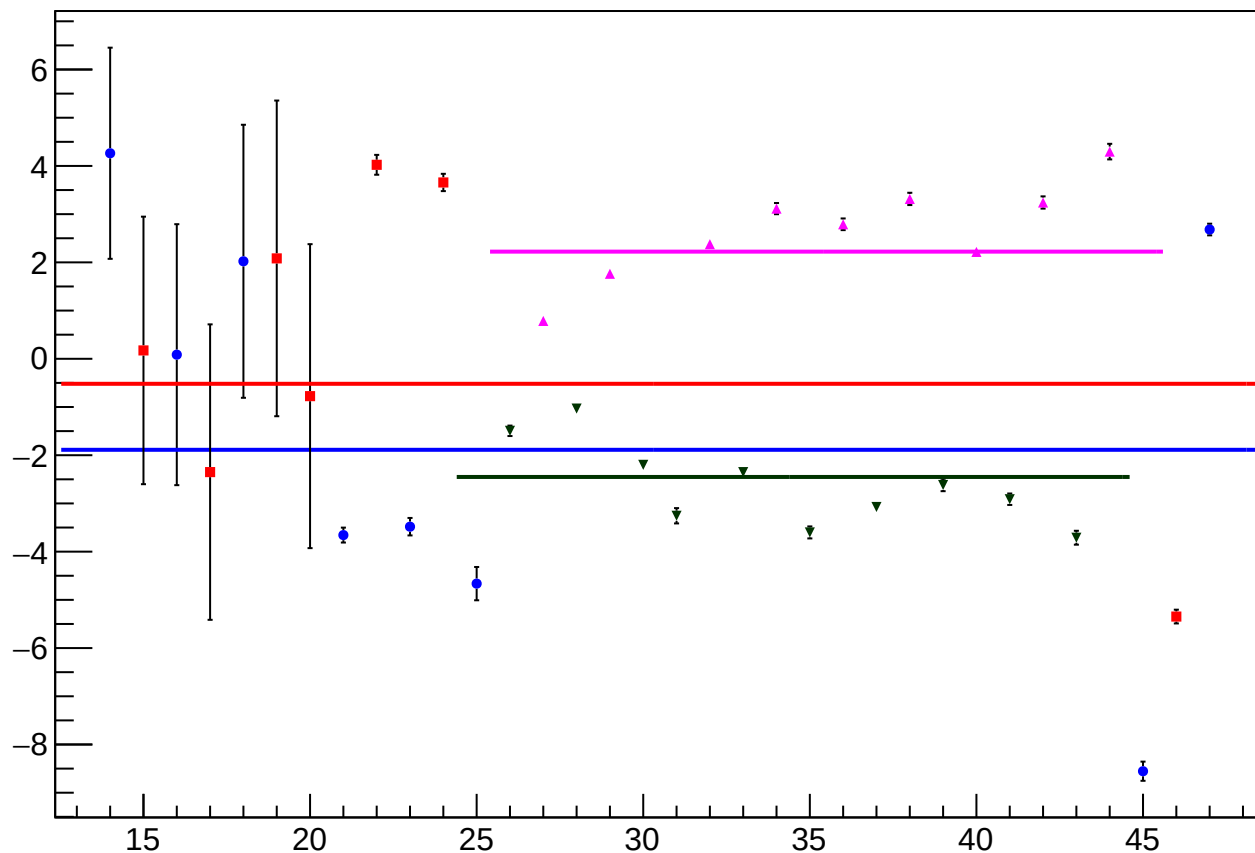
Left Out: -3.413+/-0.048 χ^2 /NDF:2330.4/9

Right Out: 3.042+/-0.129 χ^2 /NDF: 278.1/6

Left In: 3.046+/-0.043 χ^2 /NDF:2807.6/8

-0.101+/-0.030 χ^2 /NDF: 18387.7/33

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: -1.888+/-0.076 χ^2/NDF : 2833.6/7

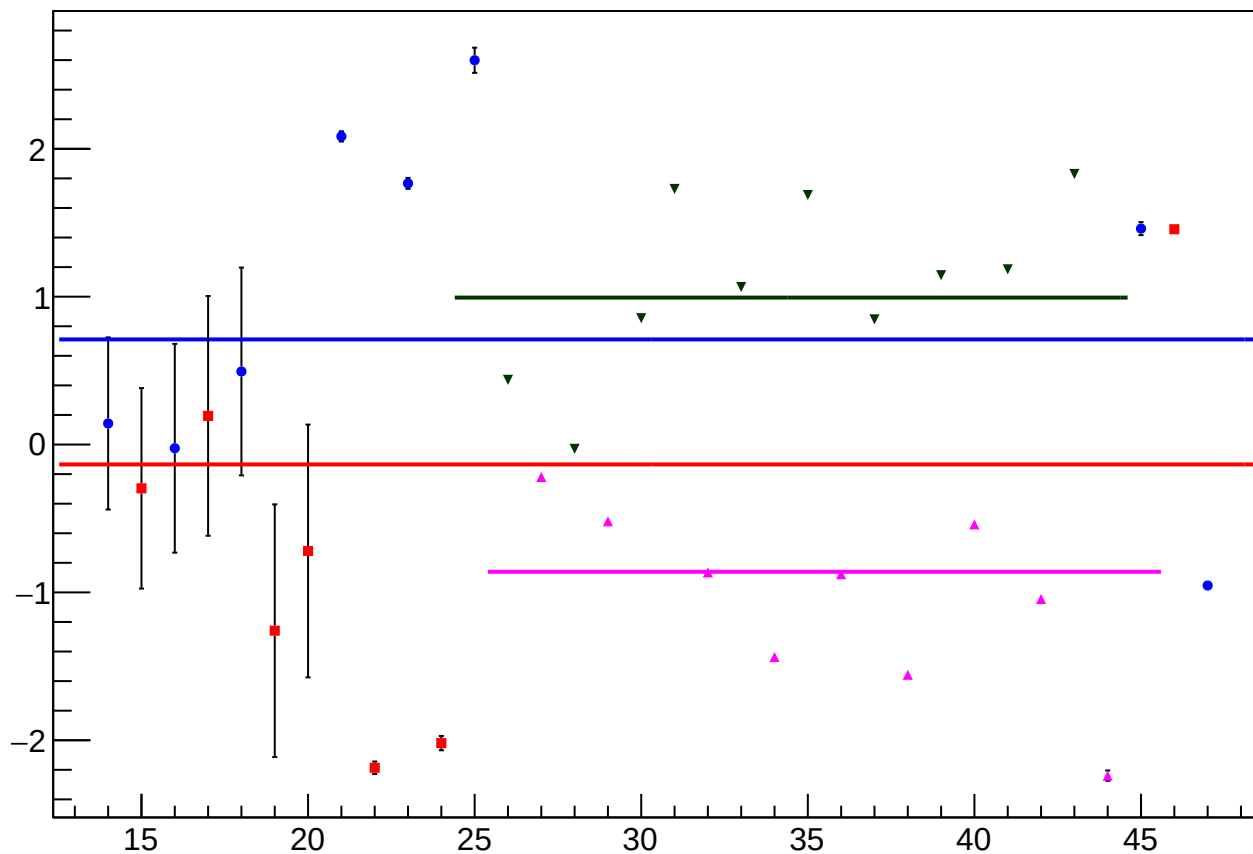
Left Out: -2.451+/-0.036 χ^2/NDF : 538.5/9

Right Out: -0.519+/-0.098 χ^2/NDF : 2173.4/6

Left In: 2.223+/-0.032 χ^2/NDF : 822.3/8

-0.030+/-0.022 χ^2/NDF : 16598.6/33

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: 0.711+/-0.016 χ^2/NDF : 7415.4/7

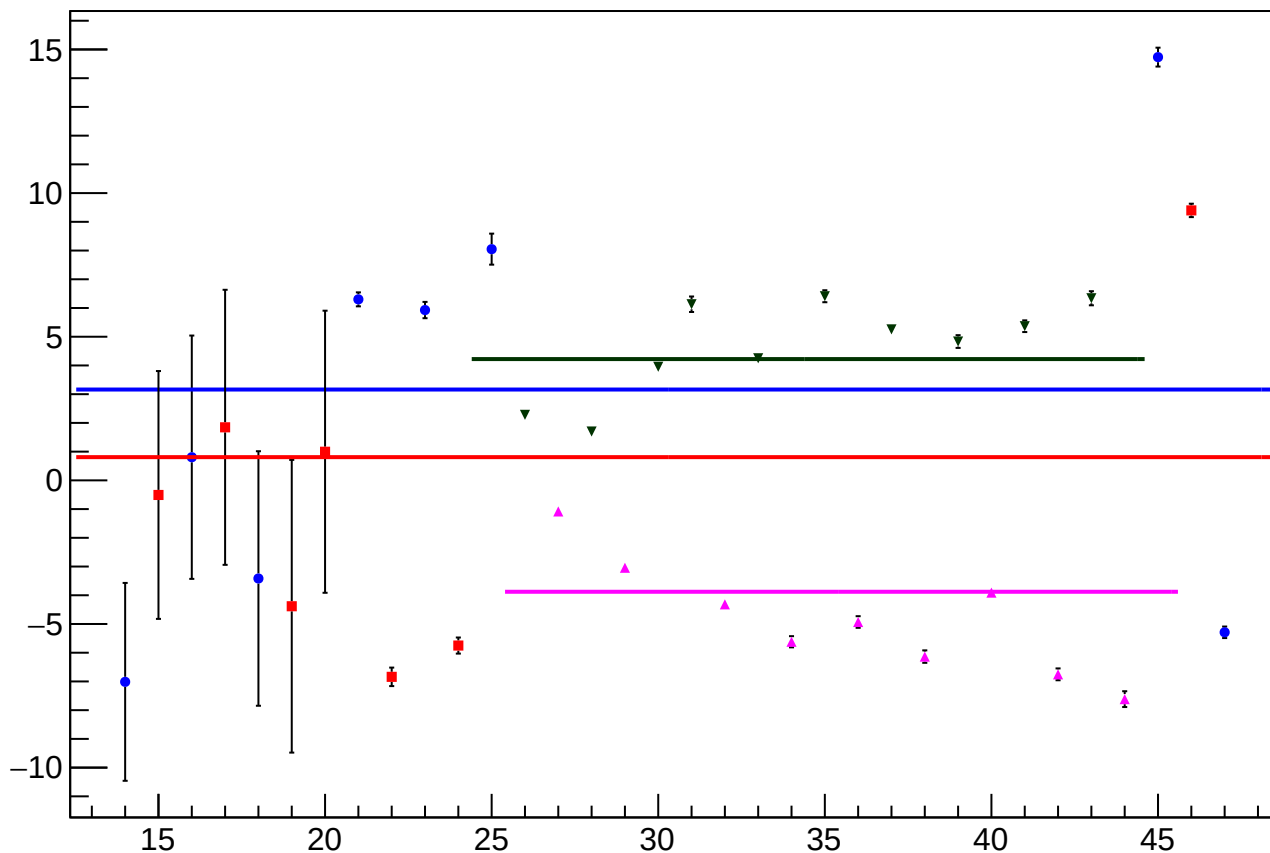
Left Out: 0.994+/-0.008 χ^2/NDF : 4757.6/9

Right Out: -0.135+/-0.021 χ^2/NDF : 6963.8/6

Left In: -0.861+/-0.007 χ^2/NDF : 4134.7/8

0.058+/-0.005 χ^2/NDF : 55444.4/33

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: 3.162 $\pm$ 0.122 χ^2 /NDF: 3366.7/7

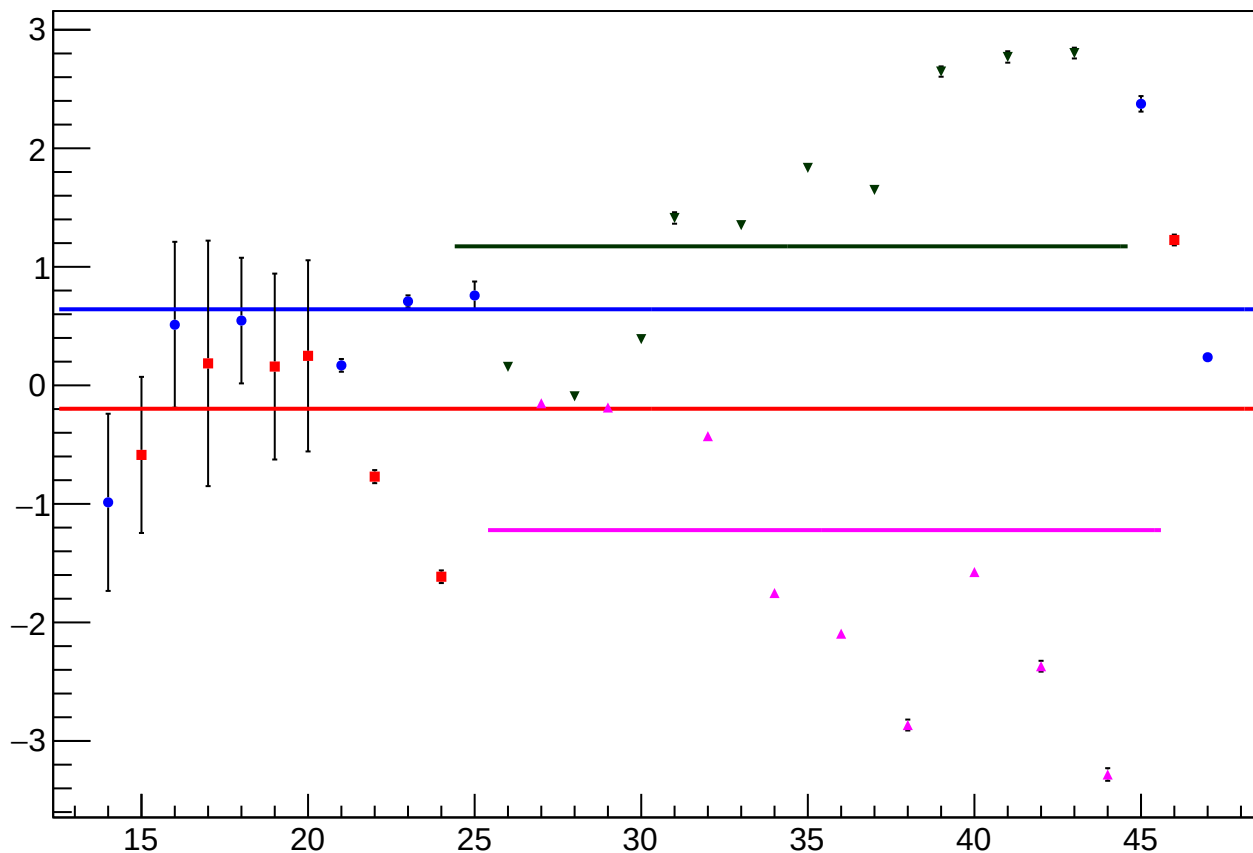
Left Out: 4.222 $\pm$ 0.059 χ^2 /NDF: 718.8/9

Right Out: 0.808 $\pm$ 0.156 χ^2 /NDF: 2469.2/6

Left In: -3.878 $\pm$ 0.052 χ^2 /NDF: 1271.0/8

0.031 $\pm$ 0.036 χ^2 /NDF: 19046.2/33

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: 0.642+/-0.024 χ^2/NDF : 893.0/7

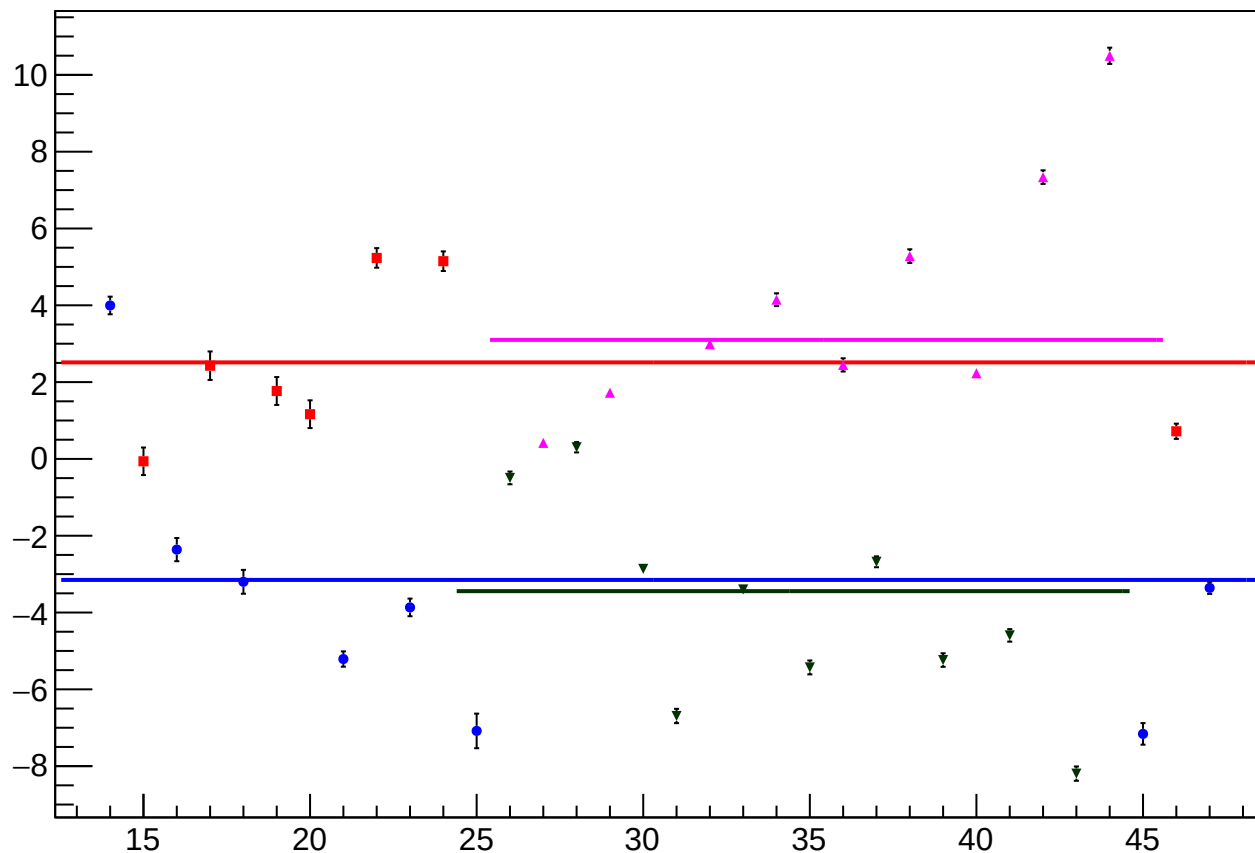
Left Out: 1.173+/-0.010 χ^2/NDF : 8374.7/9

Right Out: -0.197+/-0.029 χ^2/NDF : 1786.6/6

Left In: -1.221+/-0.011 χ^2/NDF : 8099.0/8

0.063+/-0.007 χ^2/NDF : 45036.0/33

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -3.151+/-0.084 χ^2 /NDF: 1373.5/7

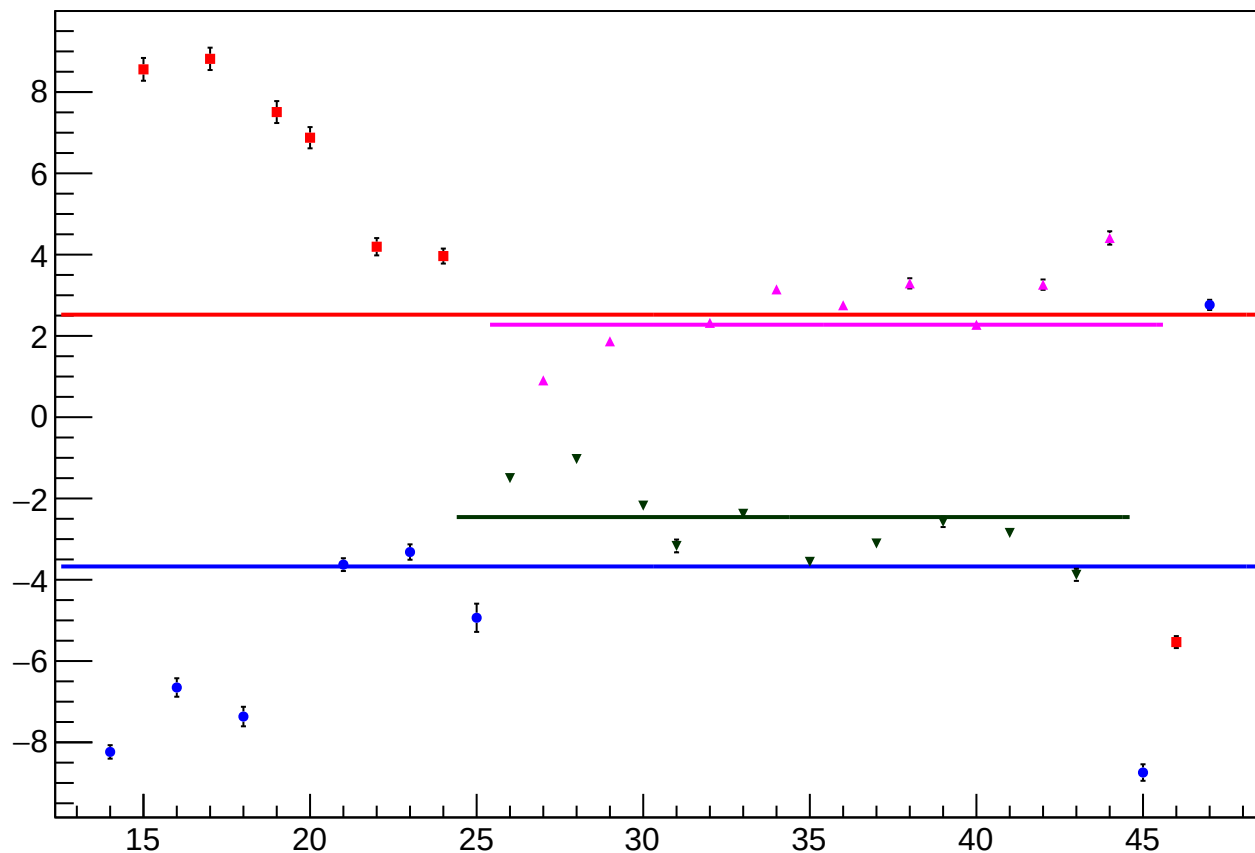
Left Out: -3.443+/-0.049 χ^2 /NDF:2365.7/9

Right Out: 2.514+/-0.108 χ^2 /NDF: 371.7/6

Left In: 3.099+/-0.043 χ^2 /NDF:2713.8/8

-0.029+/-0.029 χ^2 /NDF: 18902.1/33

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: -3.673 ± 0.065 $\chi^2/\text{NDF}: 4433.1/7$

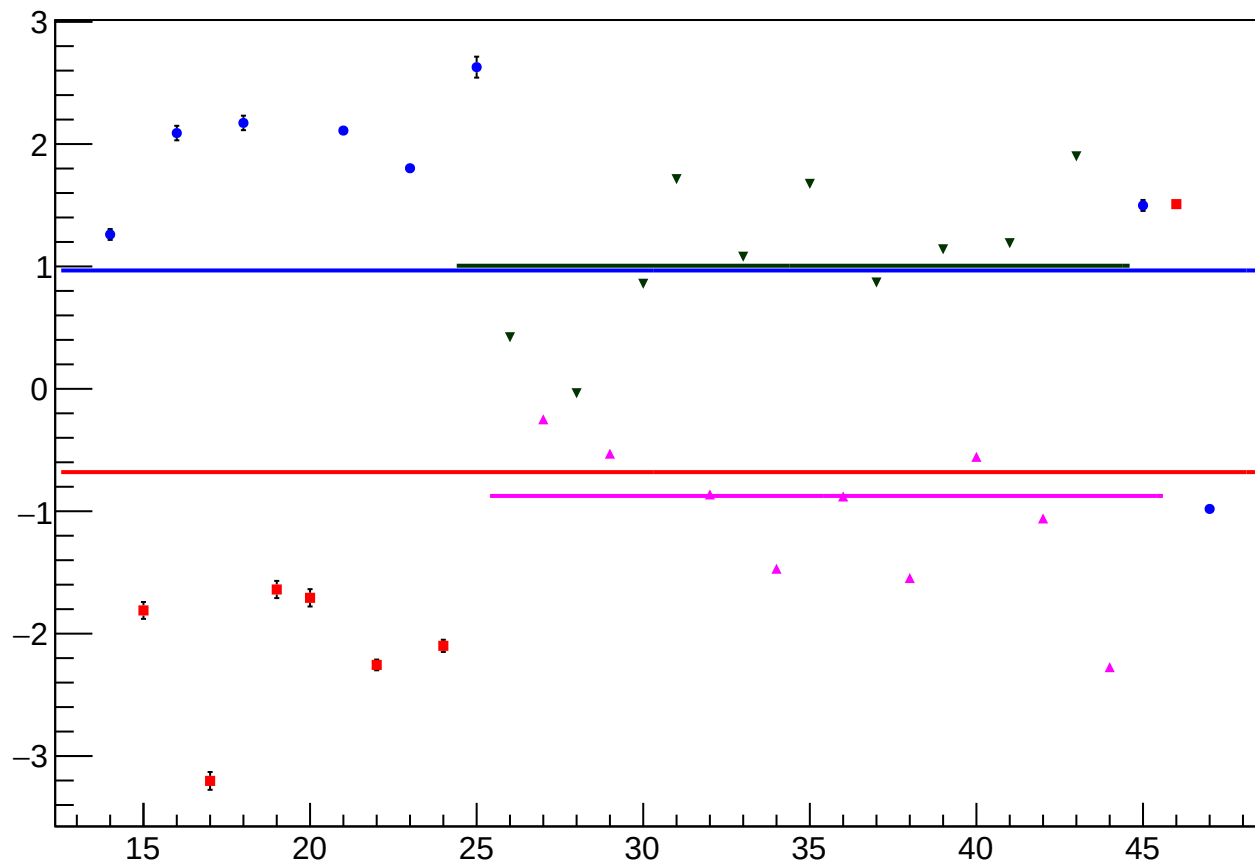
Left Out: -2.458 ± 0.036 $\chi^2/\text{NDF}: 528.1/9$

Right Out: 2.523 ± 0.081 $\chi^2/\text{NDF}: 4719.0/6$

Left In: 2.276 ± 0.032 $\chi^2/\text{NDF}: 728.7/8$

-0.060 ± 0.022 $\chi^2/\text{NDF}: 24183.5/33$

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: 0.967 ± 0.015 $\chi^2/\text{NDF}: 8260.7/7$

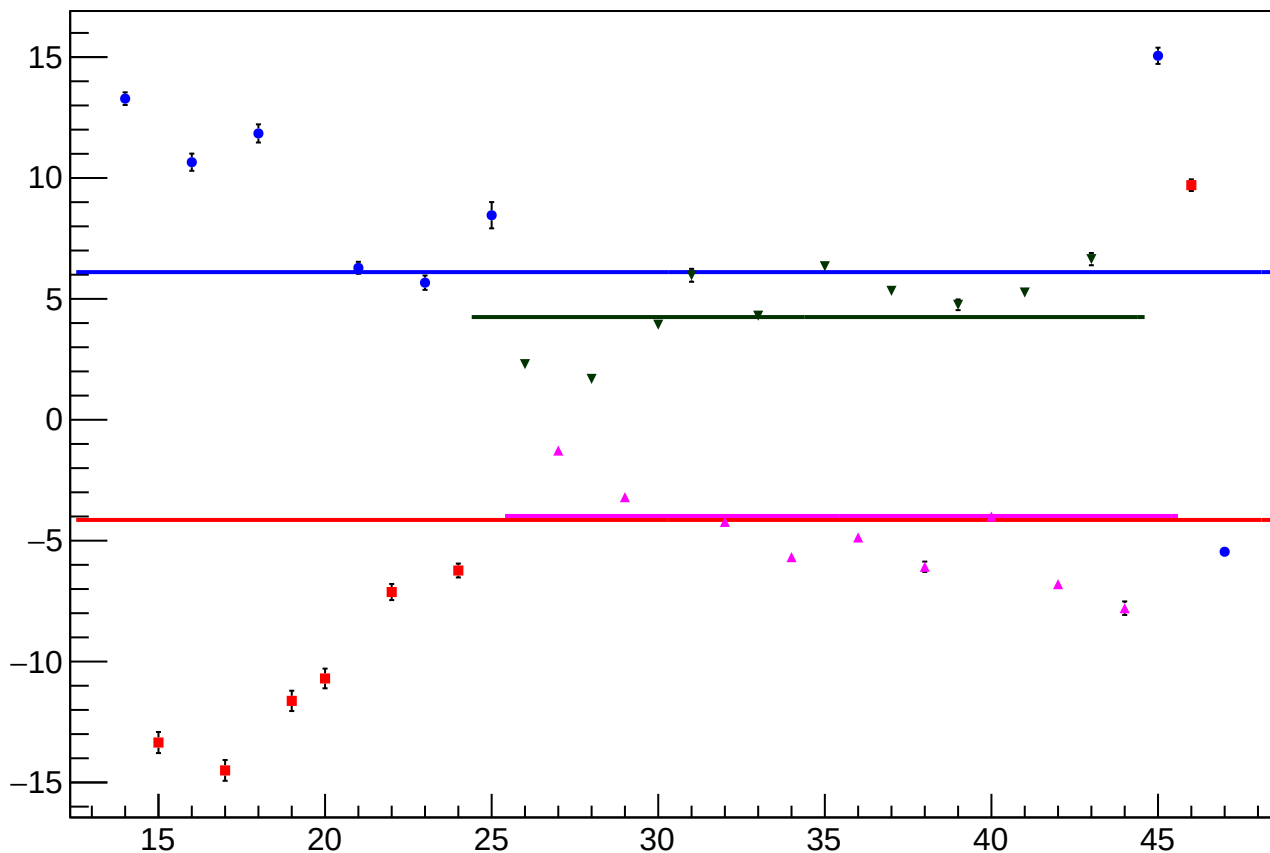
Left Out: 1.006 ± 0.008 $\chi^2/\text{NDF}: 4706.2/9$

Right Out: -0.680 ± 0.019 $\chi^2/\text{NDF}: 9472.0/6$

Left In: -0.875 ± 0.007 $\chi^2/\text{NDF}: 3999.8/8$

0.057 ± 0.005 $\chi^2/\text{NDF}: 62517.5/33$

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: 6.107 $\pm$ 0.104 χ^2 /NDF: 4966.8/7

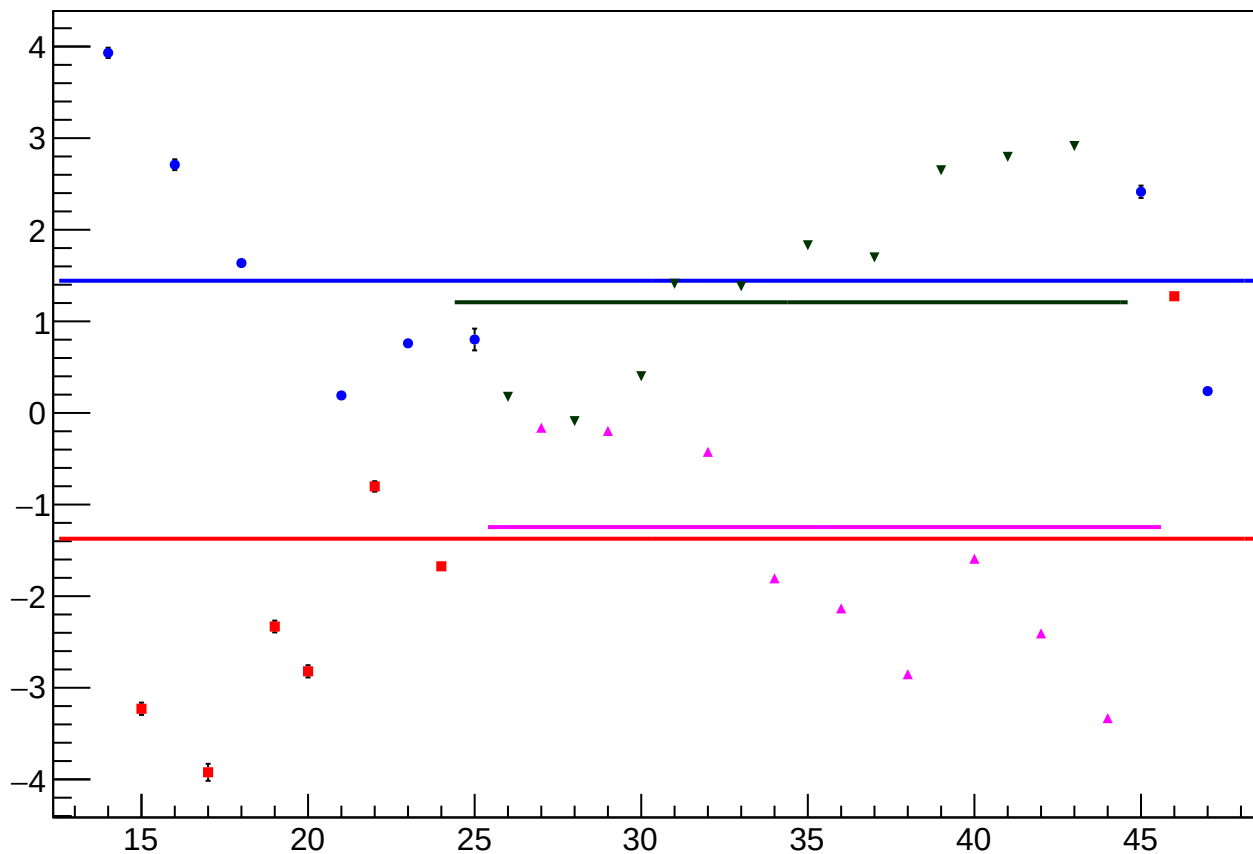
Left Out: 4.248 $\pm$ 0.060 χ^2 /NDF: 701.0/9

0.091 $\pm$ 0.036 χ^2 /NDF: 26946.0/33

Right Out: -4.142 $\pm$ 0.128 χ^2 /NDF: 5040.2/6

Left In: -3.978 $\pm$ 0.053 χ^2 /NDF: 1142.7/8

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 1.443 ± 0.019 $\chi^2/\text{NDF}: 4244.6/7$

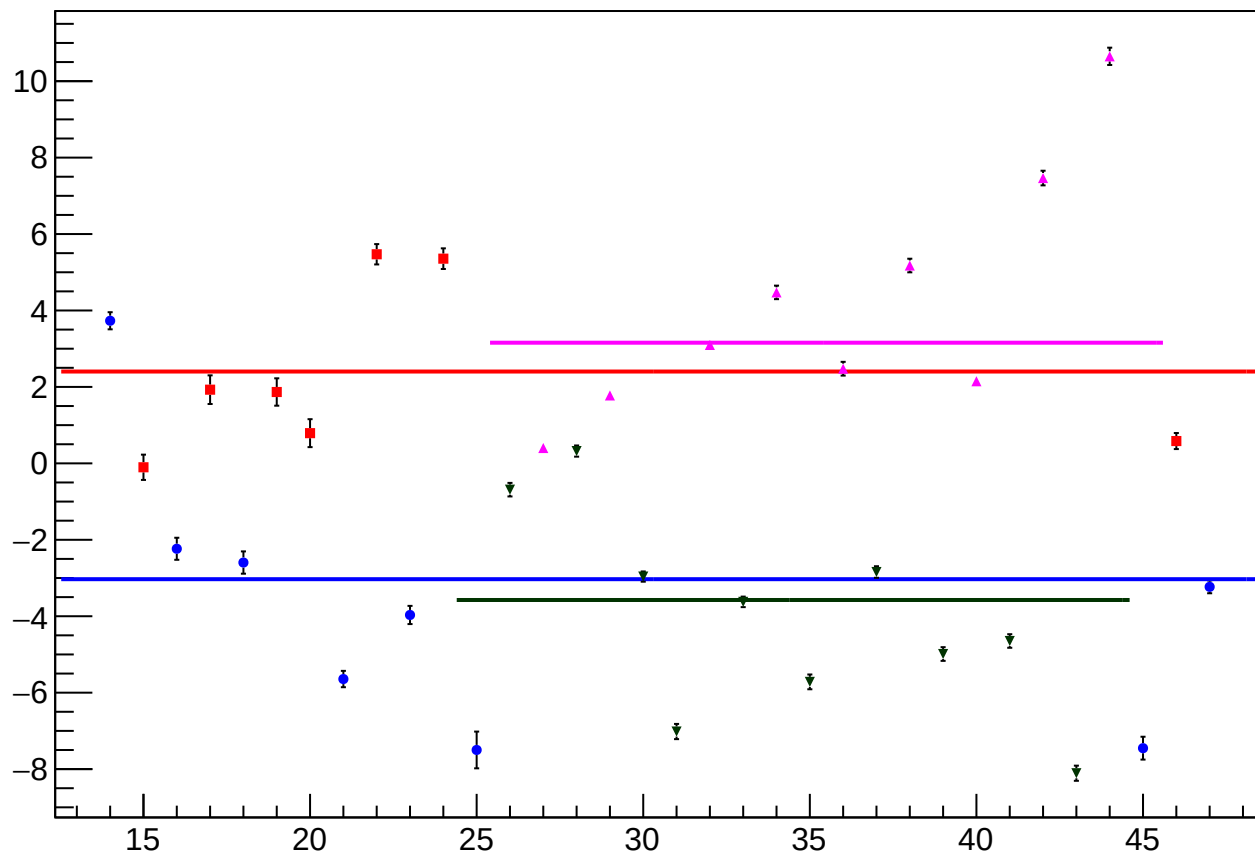
Left Out: 1.208 ± 0.011 $\chi^2/\text{NDF}: 8311.9/9$

Right Out: -1.373 ± 0.023 $\chi^2/\text{NDF}: 5498.2/6$

Left In: -1.246 ± 0.011 $\chi^2/\text{NDF}: 8116.3/8$

0.082 ± 0.007 $\chi^2/\text{NDF}: 61052.3/33$

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -3.031+/-0.086 χ^2/NDF : 1393.0/7

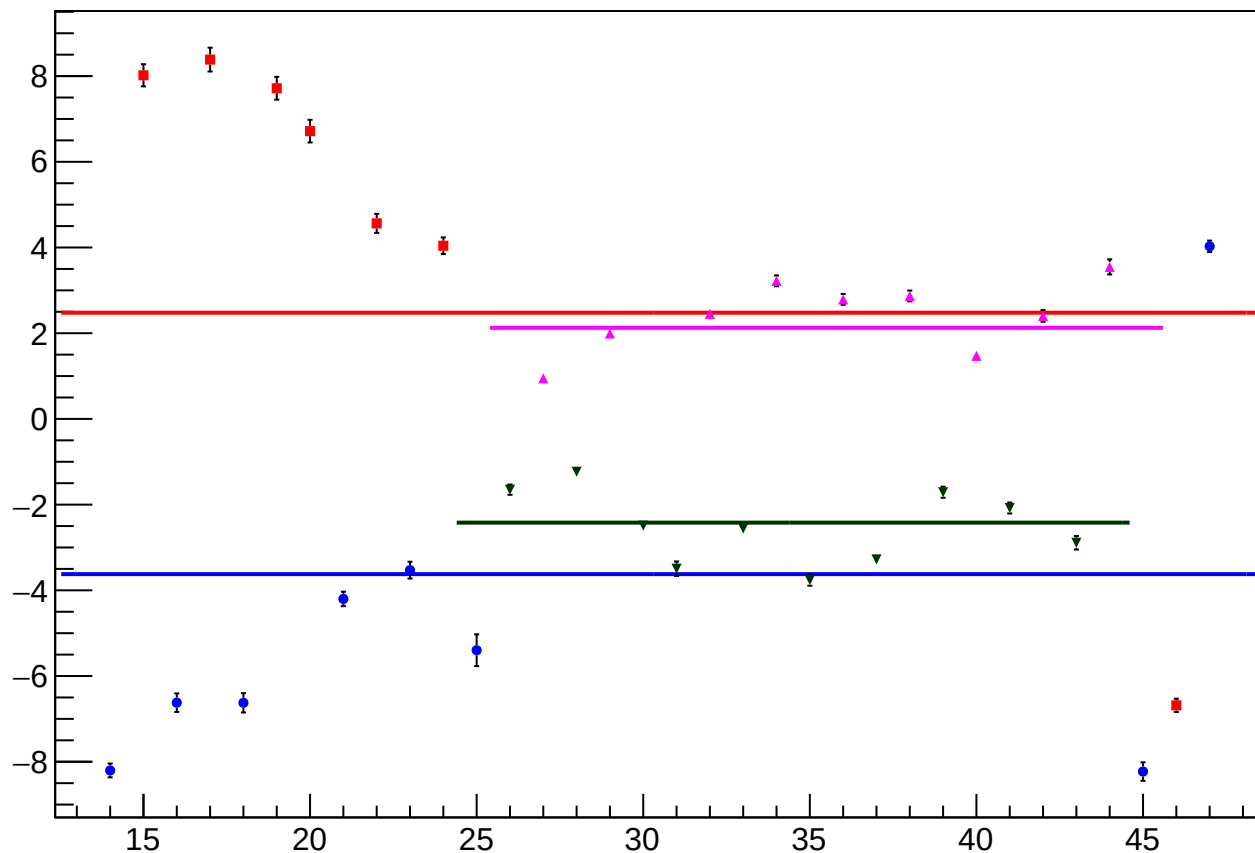
Left Out: -3.575+/-0.052 χ^2/NDF : 2062.7/9

Right Out: 2.403+/-0.110 χ^2/NDF : 408.2/6

Left In: 3.157+/-0.046 χ^2/NDF : 2491.7/8

-0.043+/-0.031 χ^2/NDF : 17502.5/33

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: -3.622+/-0.067 χ^2/NDF : 4922.1/7

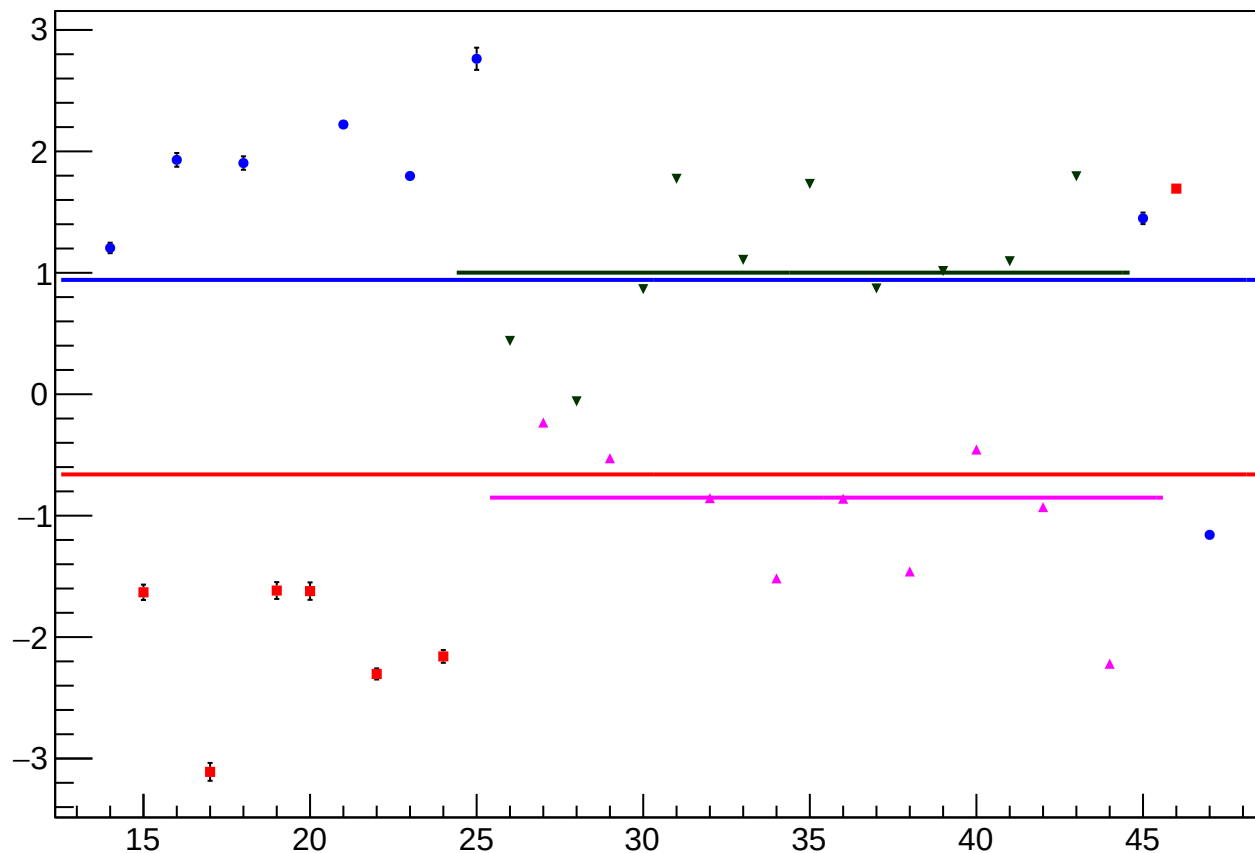
Left Out: -2.420+/-0.039 χ^2/NDF : 411.6/9

Right Out: 2.479+/-0.083 χ^2/NDF : 5157.0/6

Left In: 2.126+/-0.034 χ^2/NDF : 510.2/8

-0.113+/-0.023 χ^2/NDF : 22636.8/33

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: 0.942 ± 0.015 $\chi^2/\text{NDF}: 8275.8/7$

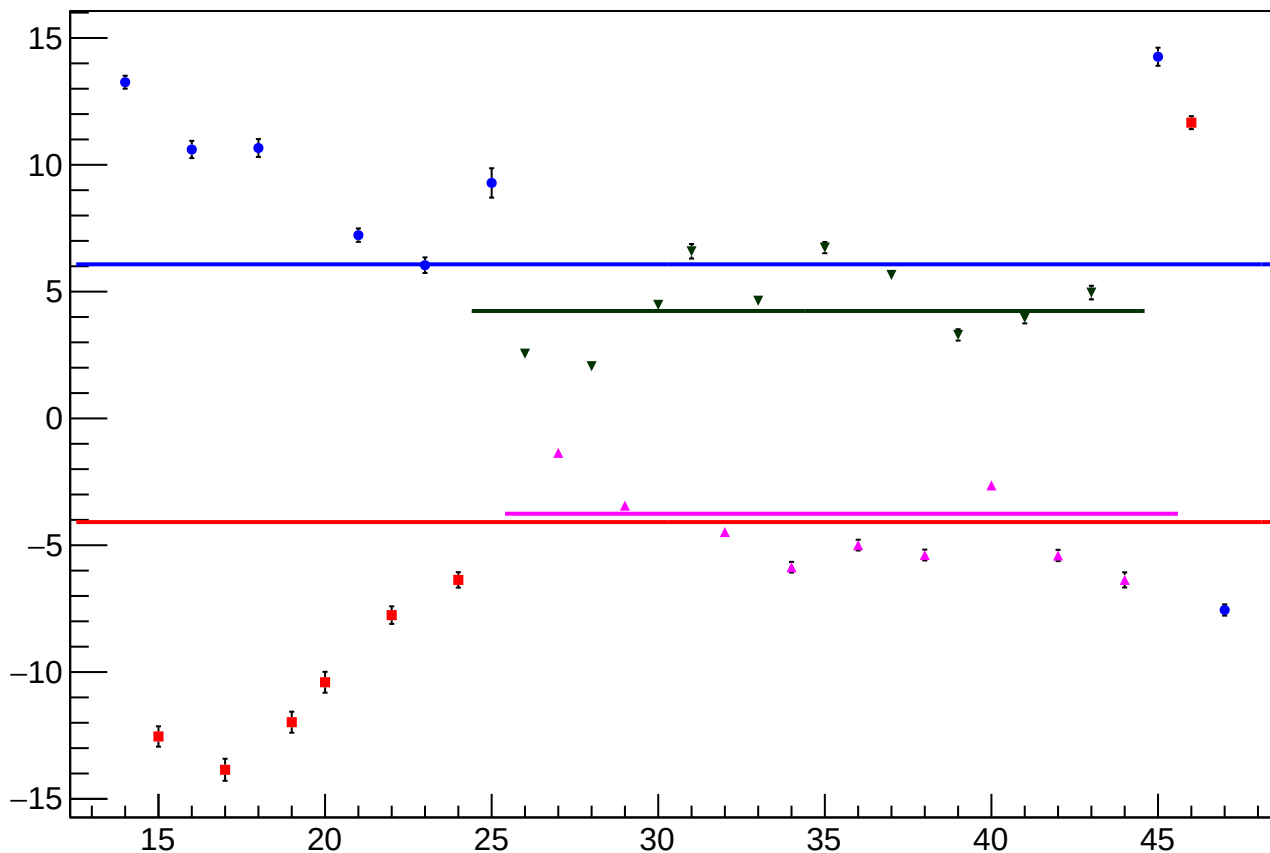
Left Out: 1.001 ± 0.008 $\chi^2/\text{NDF}: 4123.3/9$

Right Out: -0.660 ± 0.019 $\chi^2/\text{NDF}: 9489.5/6$

Left In: -0.851 ± 0.008 $\chi^2/\text{NDF}: 3579.2/8$

0.062 ± 0.005 $\chi^2/\text{NDF}: 56527.5/33$

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: 6.076 $\pm$ 0.107 χ^2 /NDF: 5480.4/7

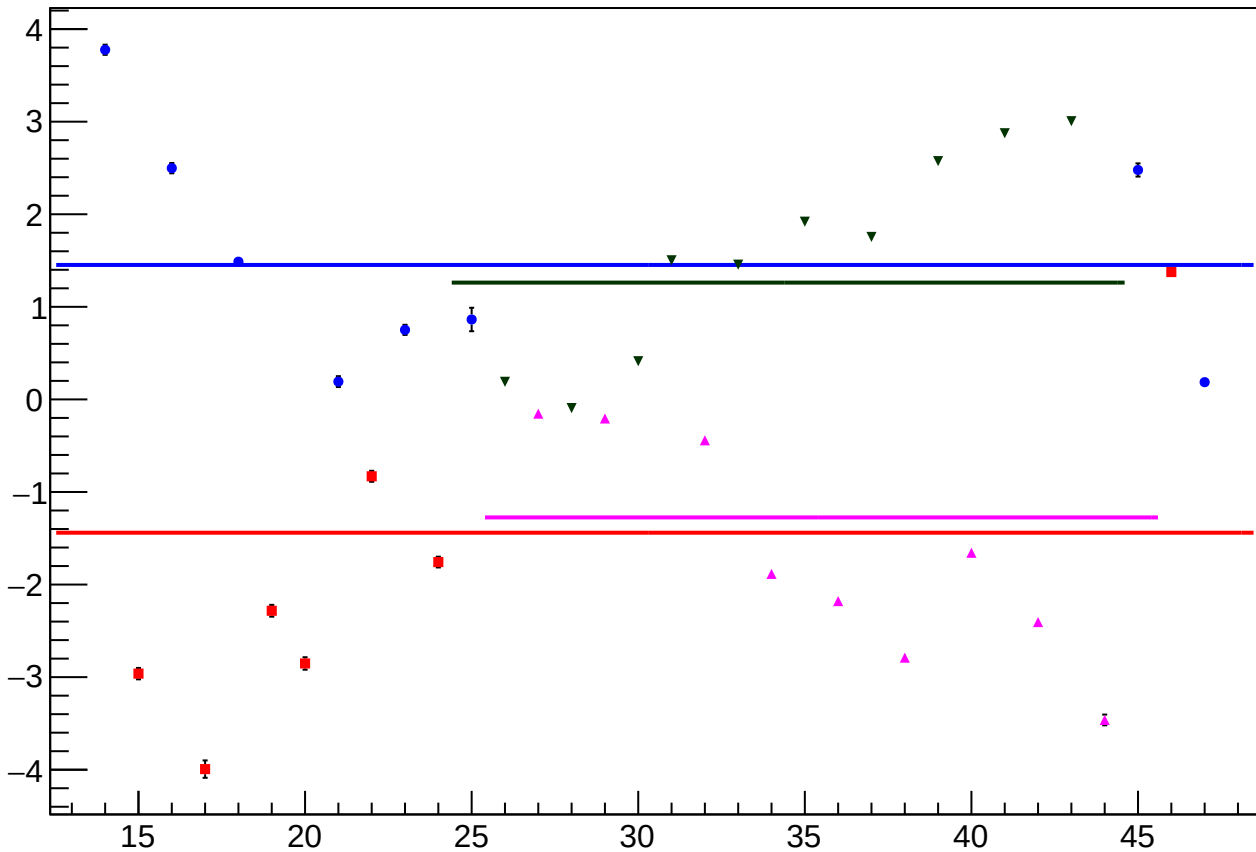
Left Out: 4.237 $\pm$ 0.064 χ^2 /NDF: 532.8/9

0.184 $\pm$ 0.038 χ^2 /NDF: 25372.0/33

Right Out: -4.086 $\pm$ 0.132 χ^2 /NDF: 5524.6/6

Left In: -3.757 $\pm$ 0.056 χ^2 /NDF: 807.9/8

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 1.452 ± 0.019 $\chi^2/\text{NDF}: 3864.2/7$

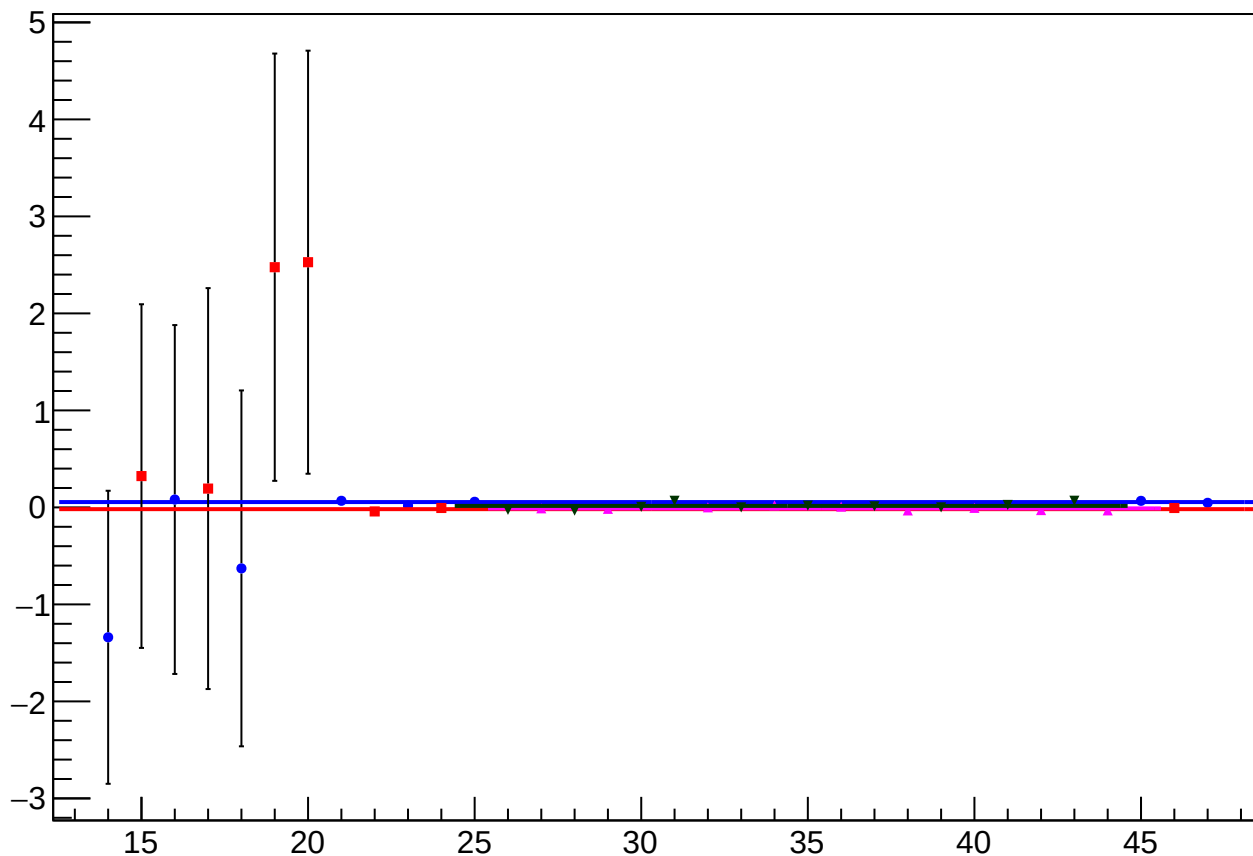
Left Out: 1.262 ± 0.011 $\chi^2/\text{NDF}: 7575.4/9$

0.090 ± 0.007 $\chi^2/\text{NDF}: 57816.3/33$

Right Out: -1.440 ± 0.023 $\chi^2/\text{NDF}: 5281.7/6$

Left In: -1.275 ± 0.012 $\chi^2/\text{NDF}: 7555.9/8$

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.055 ± 0.010 χ^2/NDF : 4.1/7

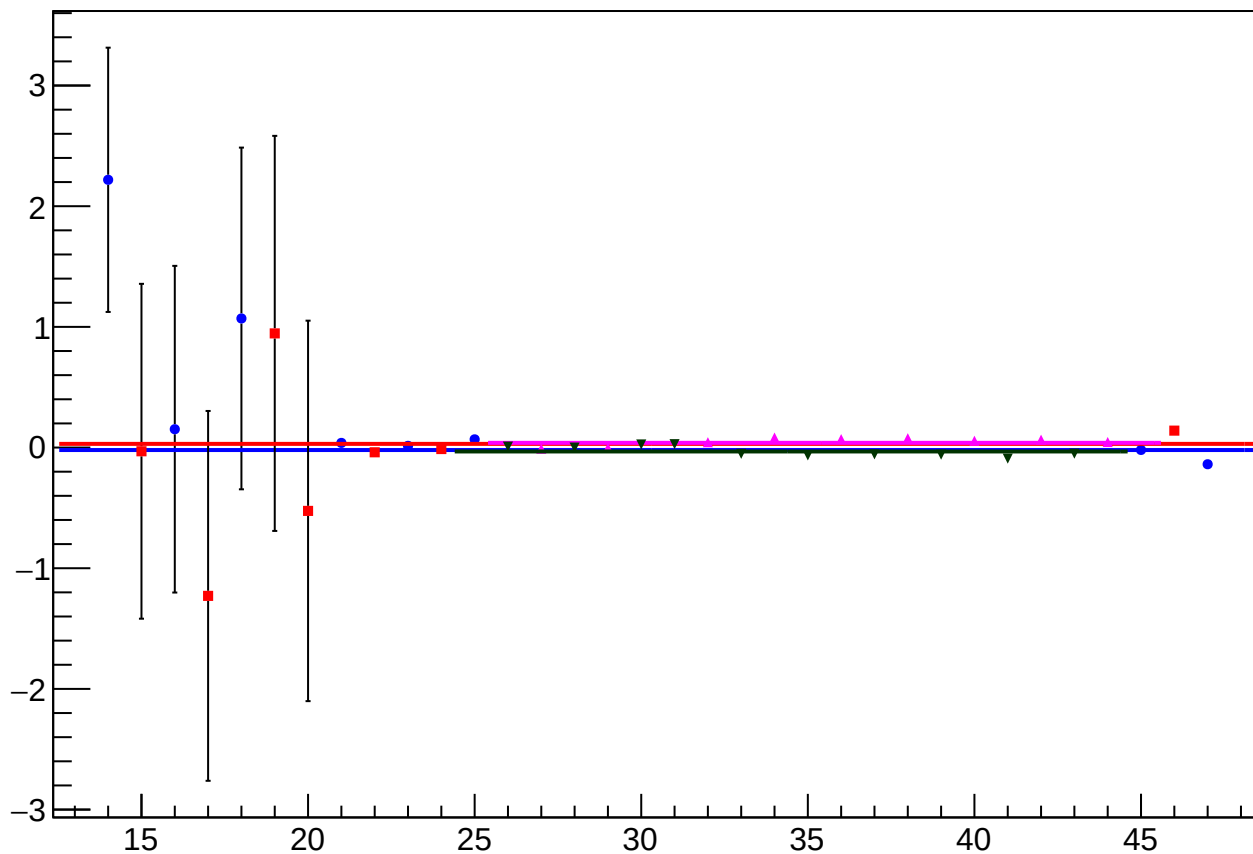
Left Out: 0.015 ± 0.006 χ^2/NDF : 28.5/9

Right Out: -0.018 ± 0.012 χ^2/NDF : 4.7/6

Left In: -0.010 ± 0.006 χ^2/NDF : 5.5/8

0.008 ± 0.004 χ^2/NDF : 81.3/33

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: -0.021 ± 0.007 $\chi^2/\text{NDF}: 92.0/7$

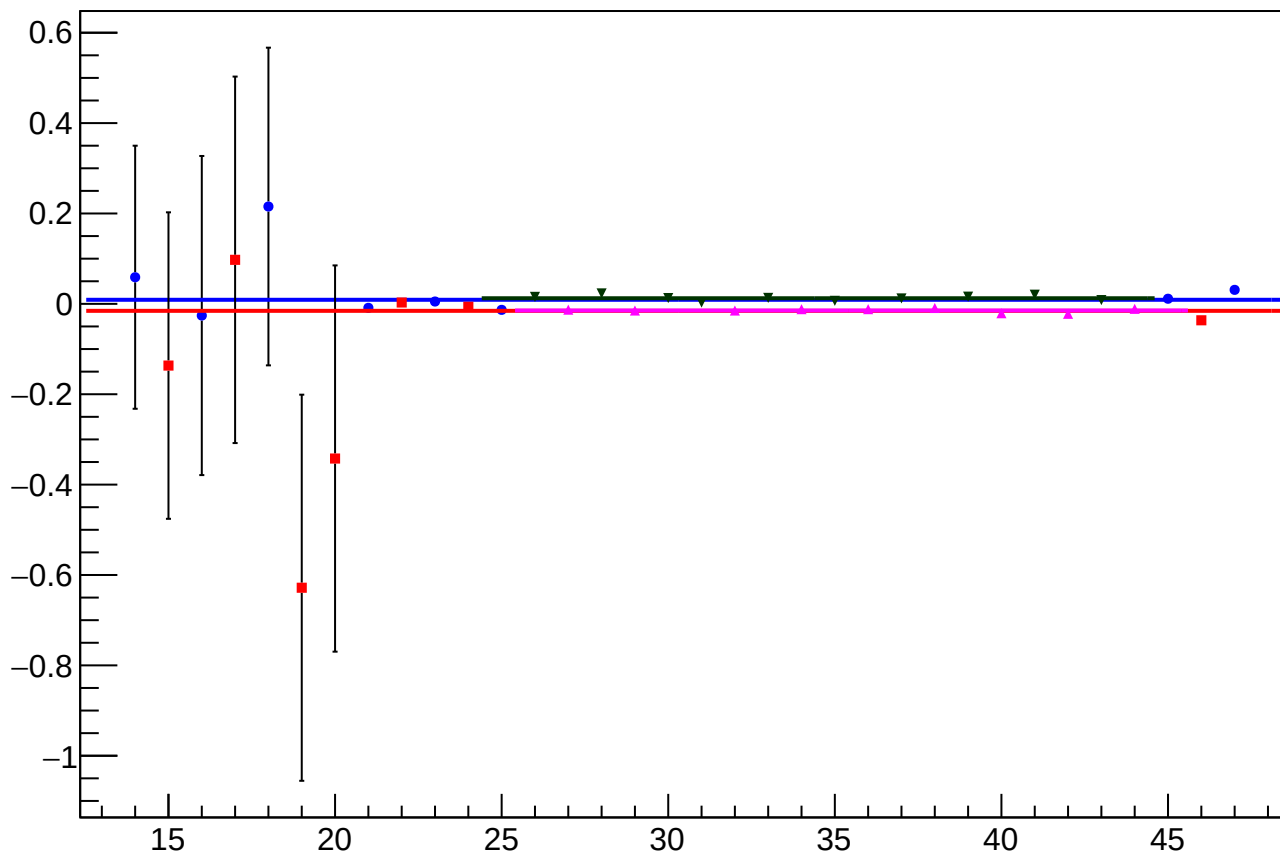
Left Out: -0.032 ± 0.005 $\chi^2/\text{NDF}: 66.2/9$

Right Out: 0.030 ± 0.009 $\chi^2/\text{NDF}: 75.8/6$

Left In: 0.039 ± 0.005 $\chi^2/\text{NDF}: 49.7/8$

0.004 ± 0.003 $\chi^2/\text{NDF}: 422.6/33$

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: 0.009 ± 0.002 χ^2/NDF : 86.1/7

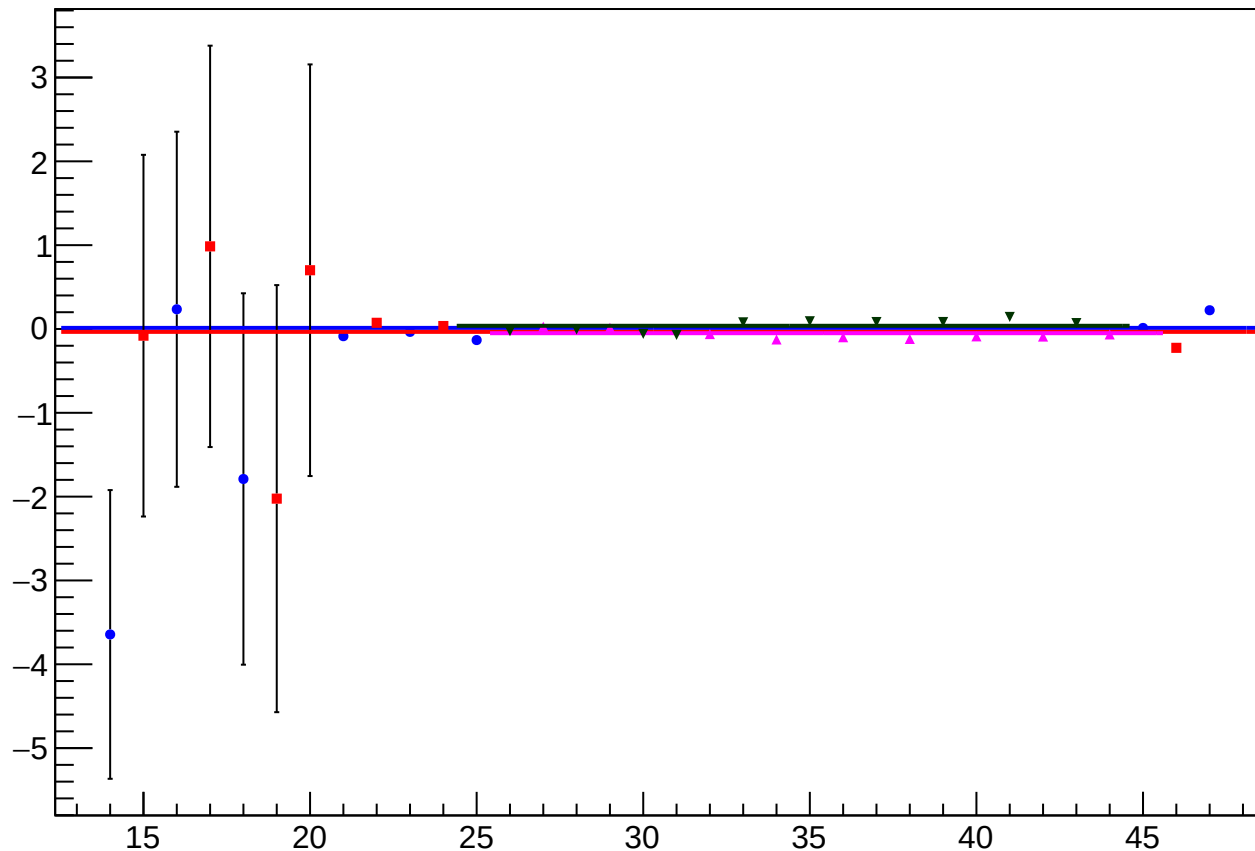
Left Out: 0.012 ± 0.001 χ^2/NDF : 32.8/9

Right Out: -0.015 ± 0.002 χ^2/NDF : 81.0/6

Left In: -0.015 ± 0.001 χ^2/NDF : 13.5/8

-0.001 ± 0.001 χ^2/NDF : 648.7/33

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: 0.013 ± 0.012 χ^2/NDF : 104.4/7

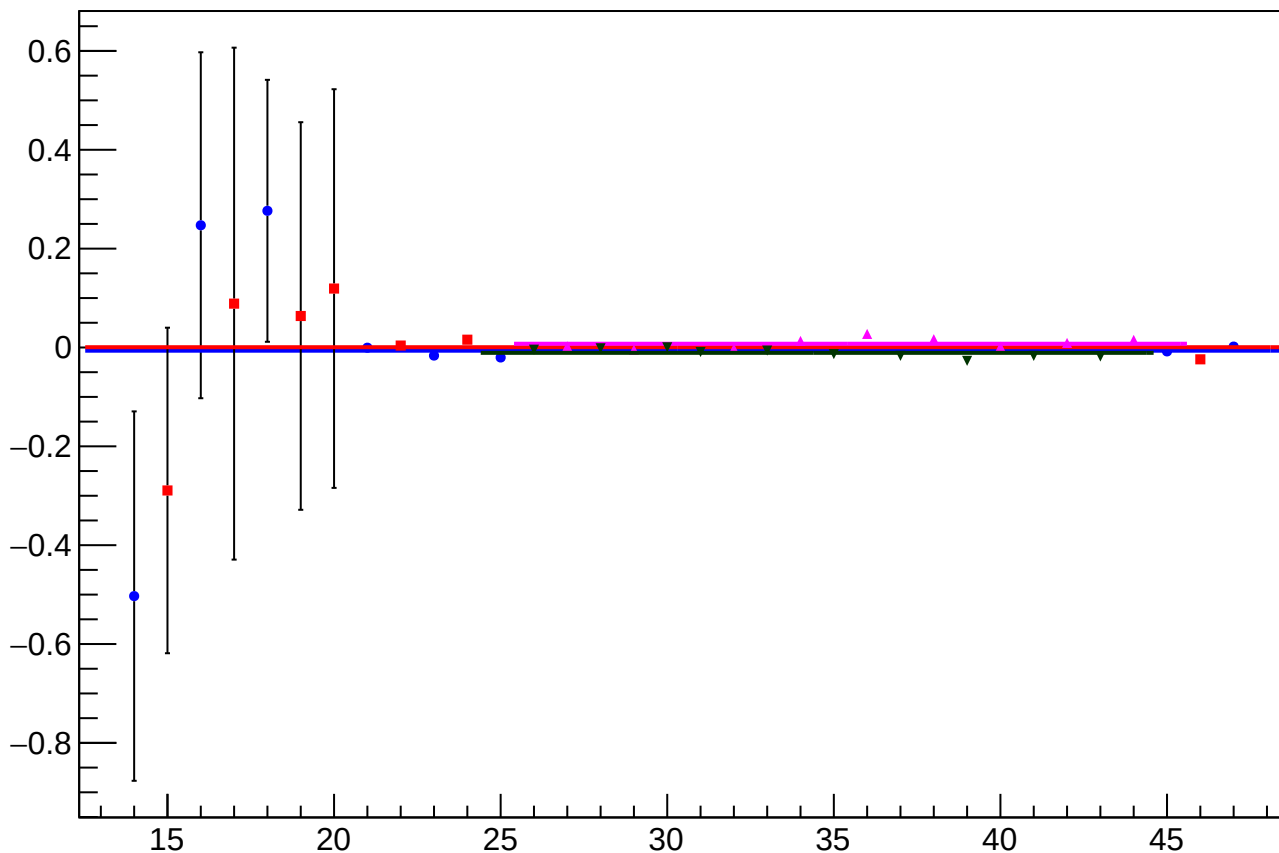
Left Out: 0.038 ± 0.008 χ^2/NDF : 68.8/9

Right Out: -0.034 ± 0.014 χ^2/NDF : 82.3/6

Left In: -0.050 ± 0.008 χ^2/NDF : 51.3/8

-0.008 ± 0.005 χ^2/NDF : 379.7/33

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: -0.006 ± 0.002 χ^2/NDF : 13.0/7

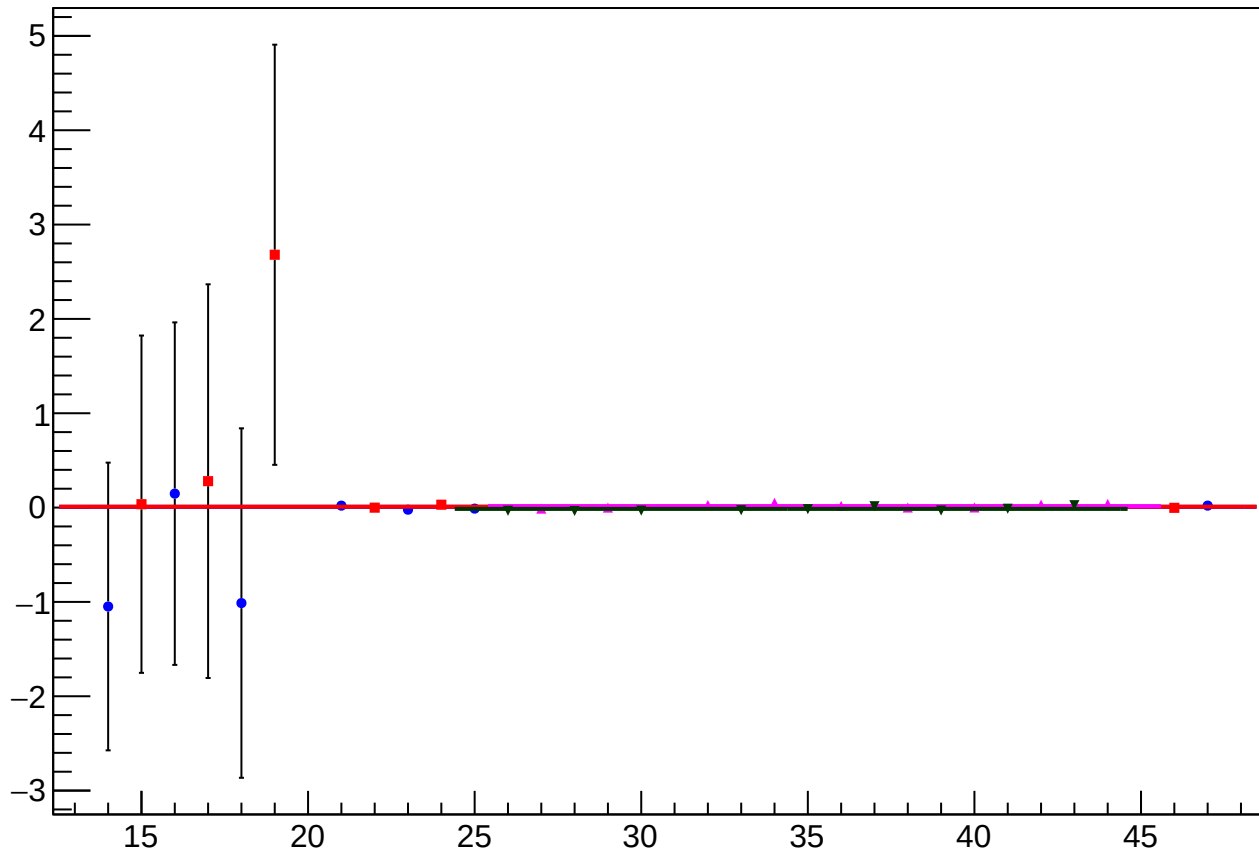
Left Out: -0.011 ± 0.001 χ^2/NDF : 34.9/9

Right Out: 0.001 ± 0.003 χ^2/NDF : 37.7/6

Left In: 0.008 ± 0.002 χ^2/NDF : 44.0/8

-0.003 ± 0.001 χ^2/NDF : 214.4/33

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.008+/-0.012 χ^2/NDF : 3.2/6

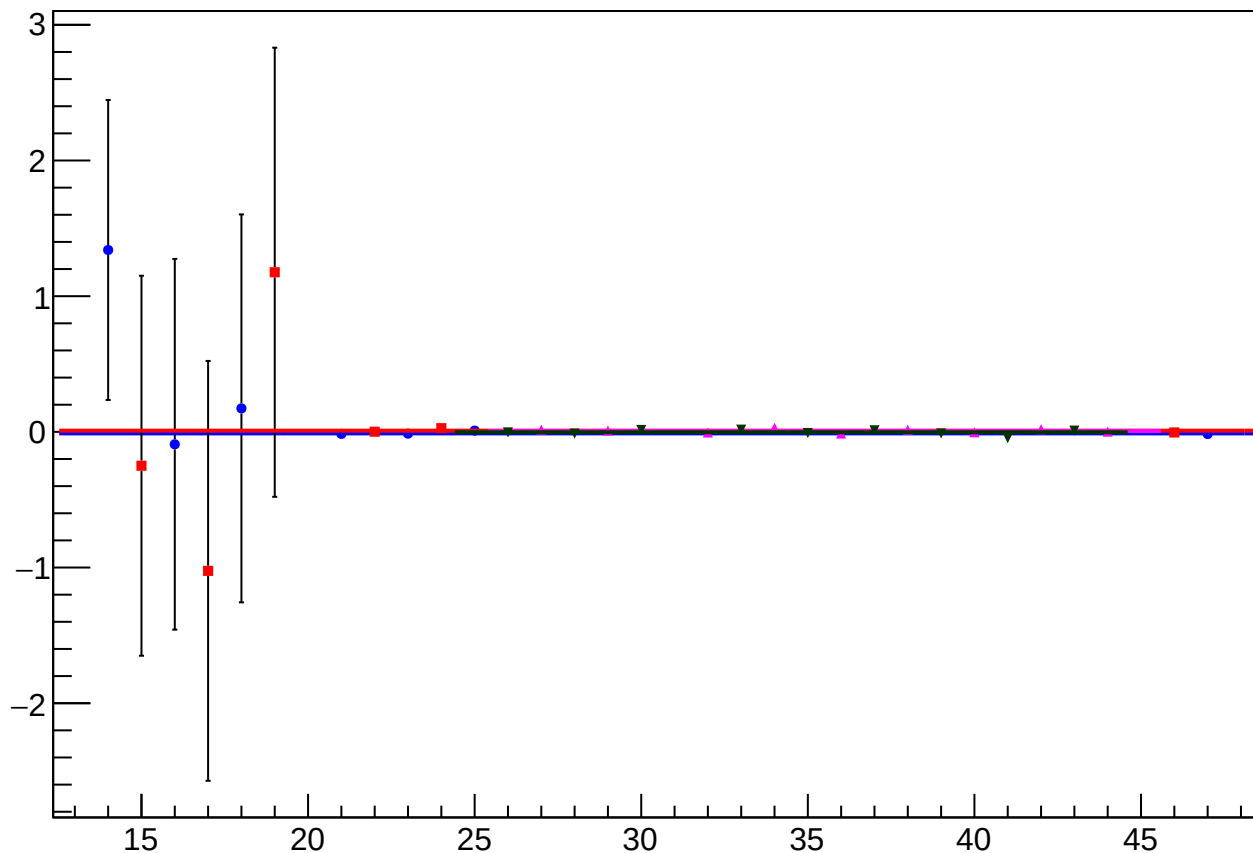
Left Out: -0.014+/-0.007 χ^2/NDF : 11.7/8

Right Out: 0.009+/-0.012 χ^2/NDF : 3.0/5

Left In: 0.015+/-0.006 χ^2/NDF : 8.7/8

0.003+/-0.004 χ^2/NDF : 37.5/30

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.011 ± 0.009 χ^2/NDF : 2.4/6

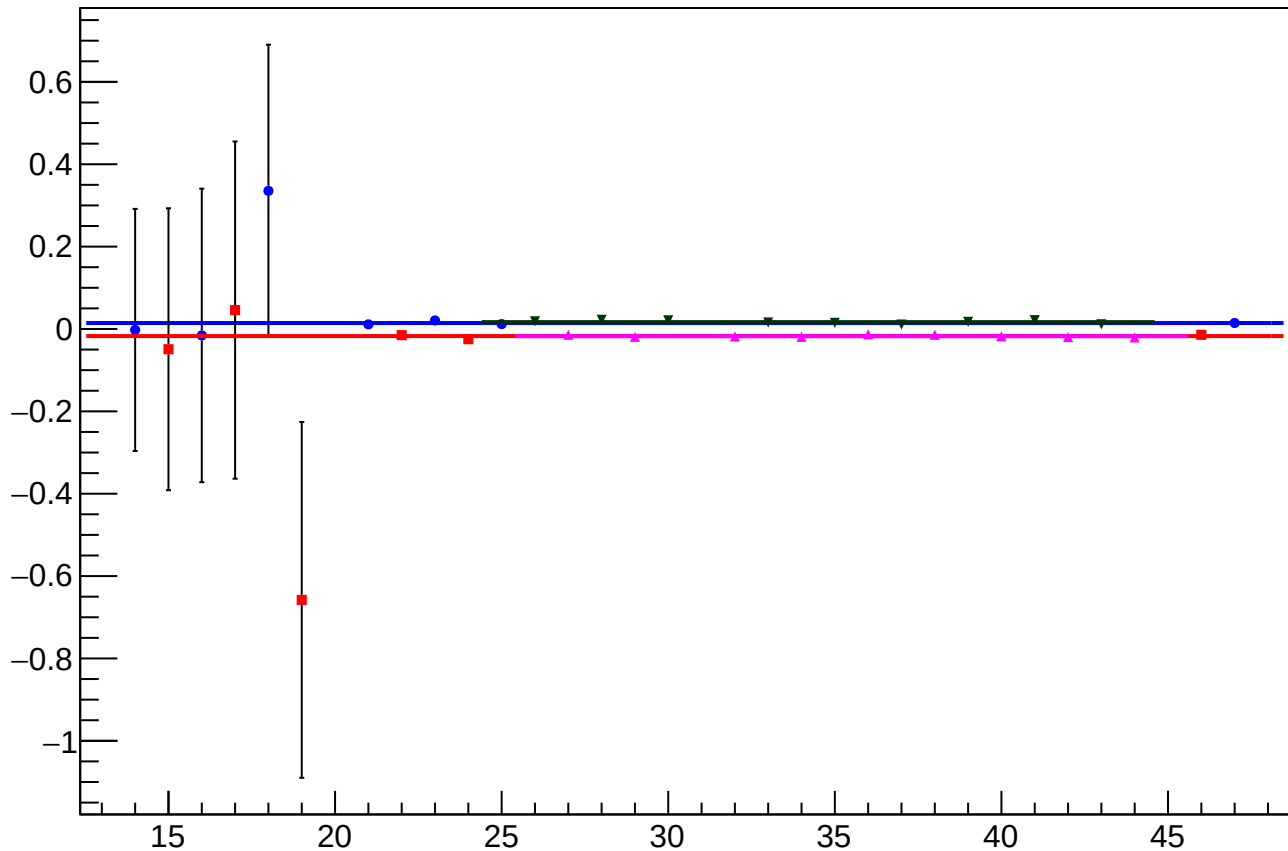
Left Out: -0.003 ± 0.005 χ^2/NDF : 10.9/8

Right Out: 0.009 ± 0.009 χ^2/NDF : 3.3/5

Left In: 0.006 ± 0.005 χ^2/NDF : 5.9/8

0.001 ± 0.003 χ^2/NDF : 26.8/30

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.014 $\pm$ 0.002 χ^2 /NDF: 3.6/6

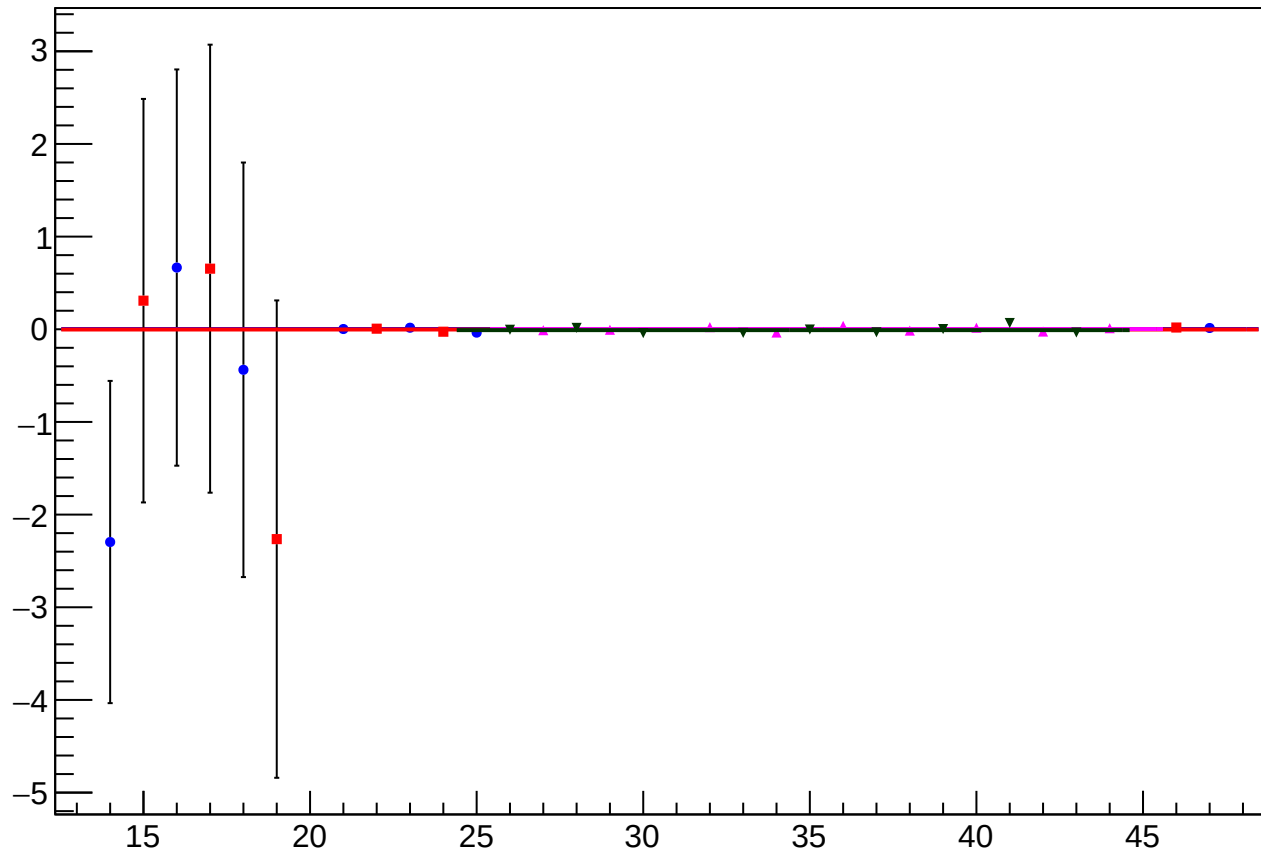
Left Out: 0.017 $\pm$ 0.001 χ^2 /NDF: 13.9/8

Right Out: -0.017 $\pm$ 0.002 χ^2 /NDF: 7.0/5

Left In: -0.017 $\pm$ 0.001 χ^2 /NDF: 4.9/8

-0.001 $\pm$ 0.001 χ^2 /NDF: 637.0/30

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.003 ± 0.015 χ^2/NDF : 3.2/6

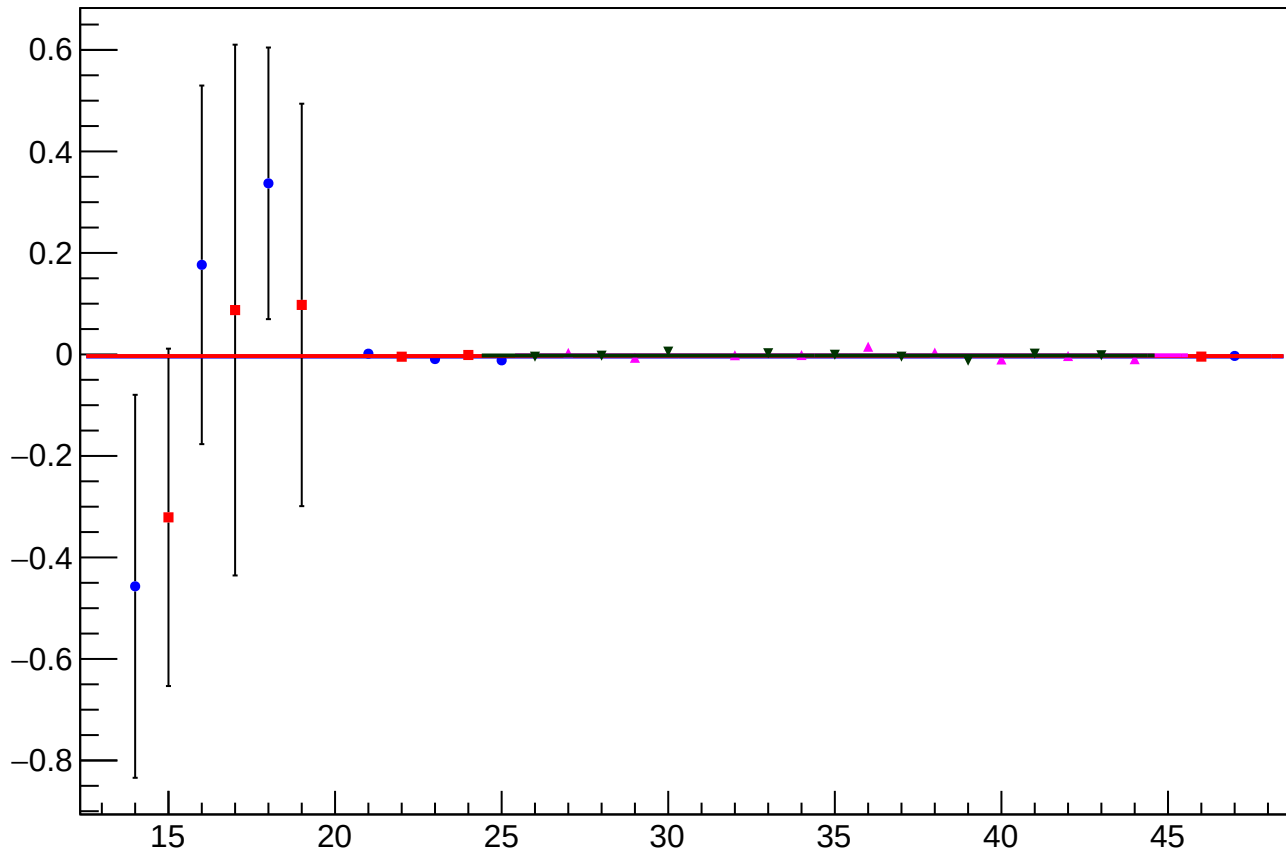
Left Out: -0.009 ± 0.008 χ^2/NDF : 12.7/8

Right Out: -0.002 ± 0.015 χ^2/NDF : 2.7/5

Left In: 0.002 ± 0.008 χ^2/NDF : 6.6/8

-0.002 ± 0.005 χ^2/NDF : 26.3/30

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.004 ± 0.003 χ^2/NDF : 5.8/6

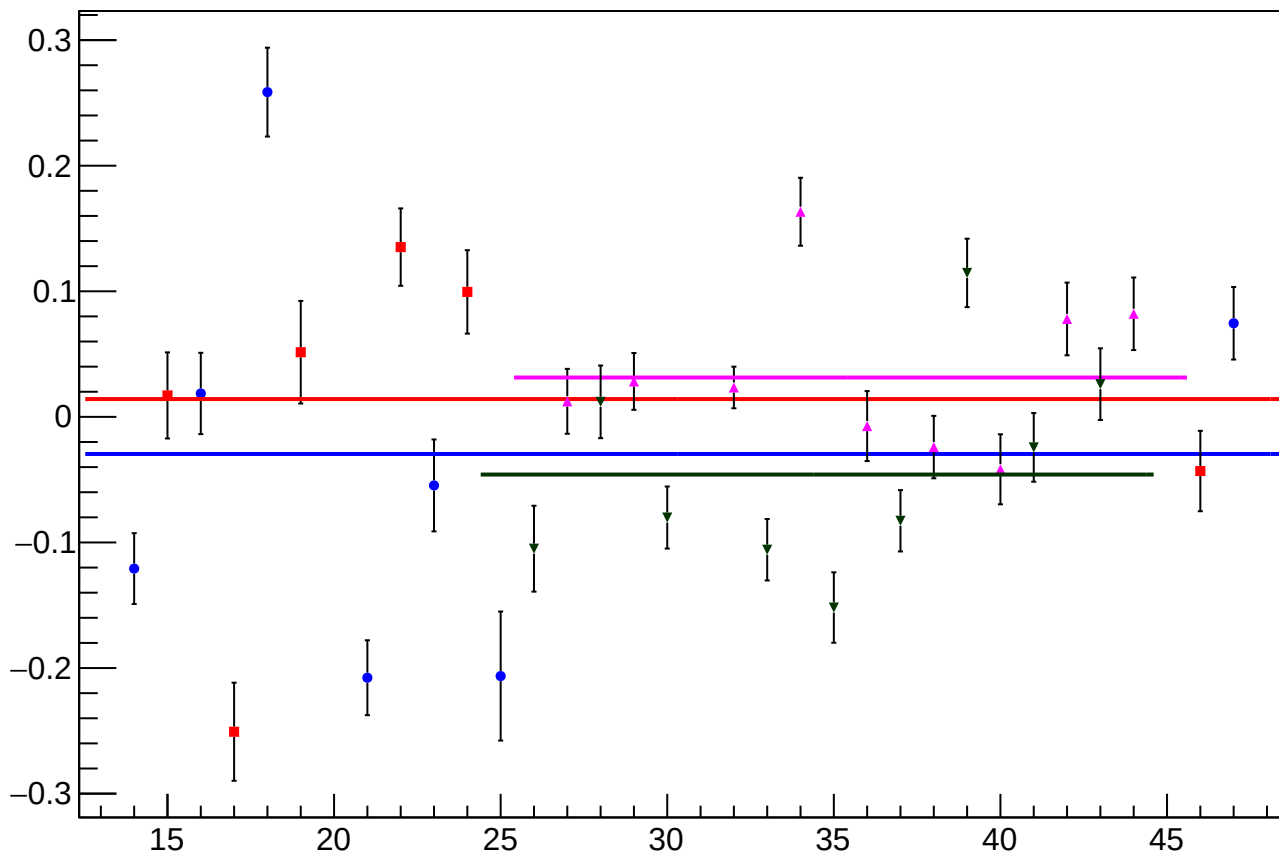
Left Out: -0.002 ± 0.001 χ^2/NDF : 9.3/8

Right Out: -0.003 ± 0.003 χ^2/NDF : 1.3/5

Left In: -0.002 ± 0.002 χ^2/NDF : 24.7/8

-0.002 ± 0.001 χ^2/NDF : 41.8/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.030 ± 0.012 χ^2/NDF : 140.0/6

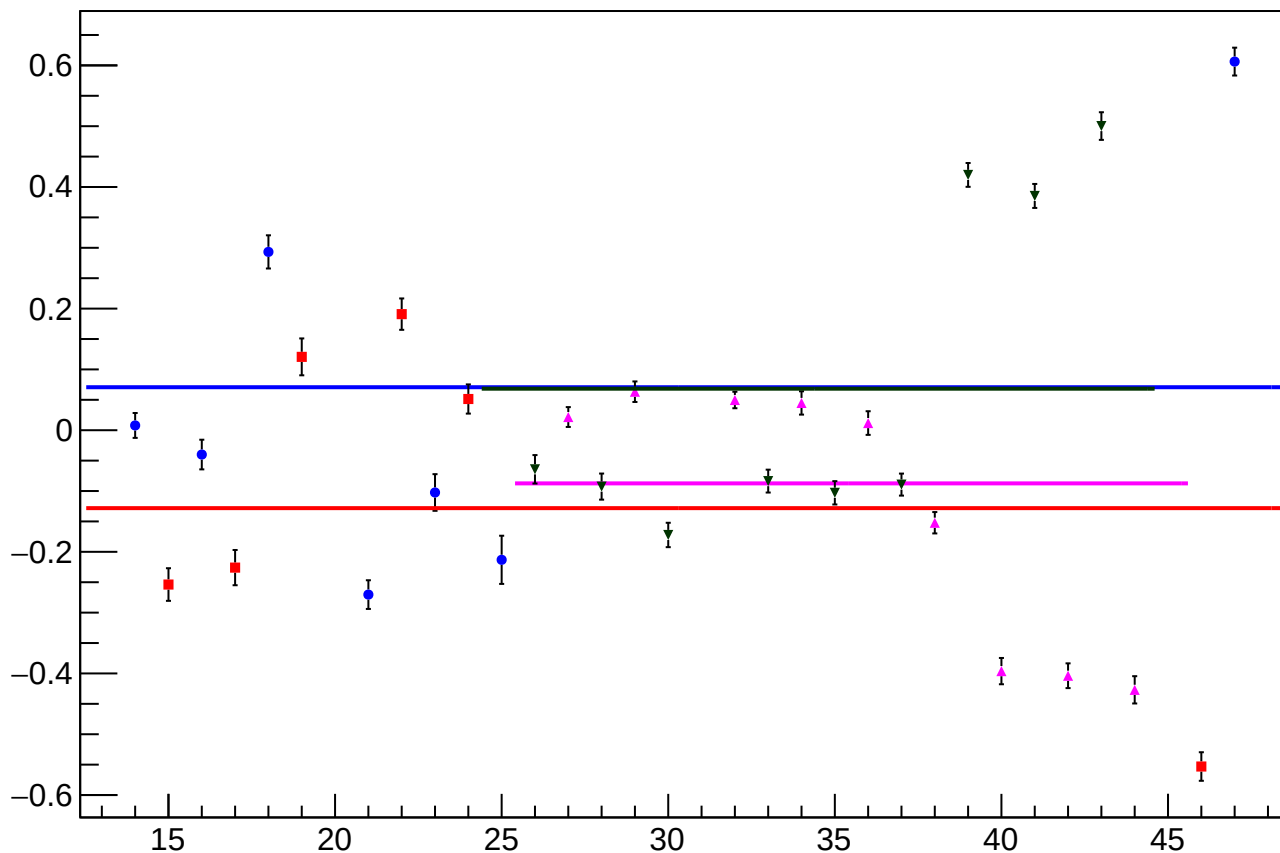
Left Out: -0.046 ± 0.009 χ^2/NDF : 73.2/8

Right Out: 0.014 ± 0.014 χ^2/NDF : 72.0/5

Left In: 0.031 ± 0.008 χ^2/NDF : 44.0/8

-0.005 ± 0.005 χ^2/NDF : 375.3/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.071 ± 0.010 χ^2/NDF : 936.7/6

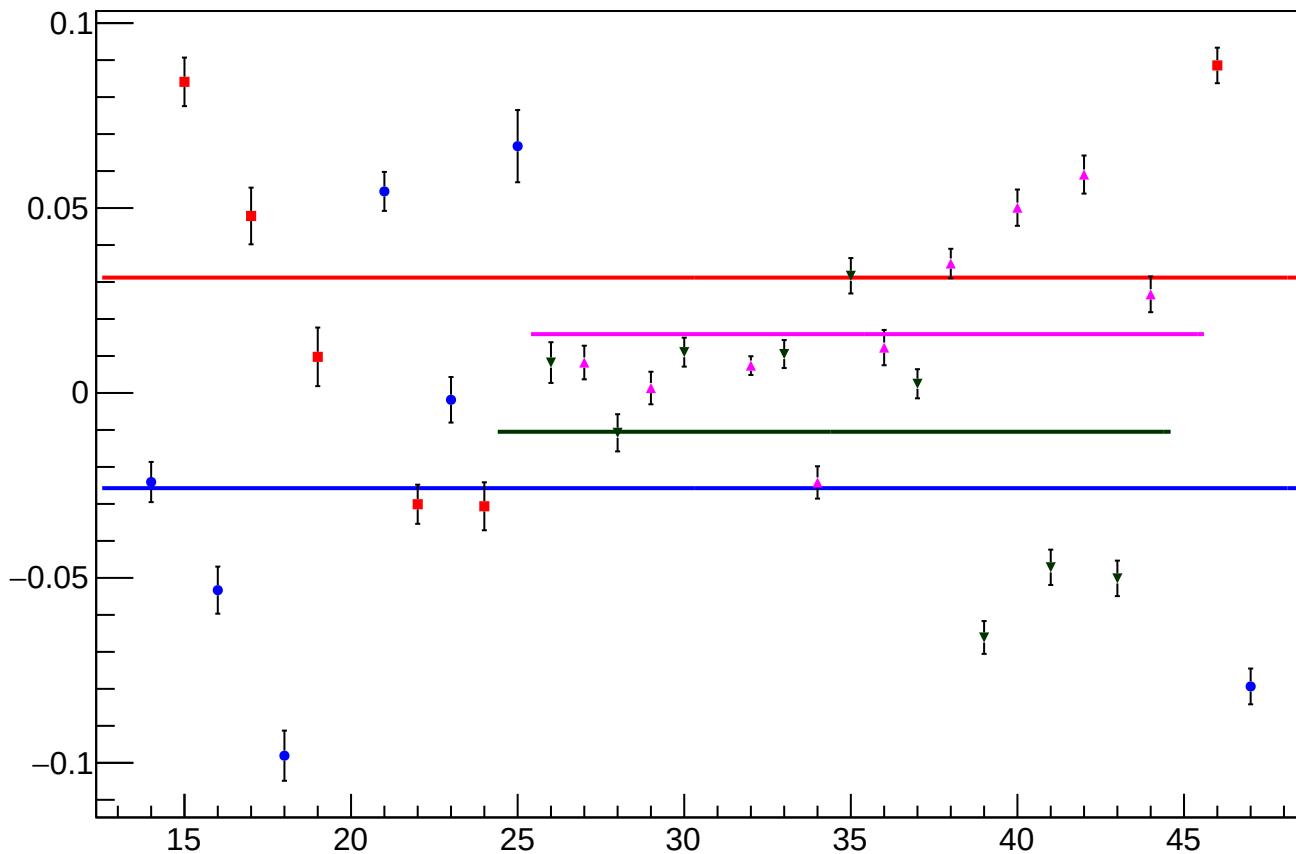
Left Out: 0.068 ± 0.007 χ^2/NDF : 1394.7/8

Right Out: -0.128 ± 0.011 χ^2/NDF : 636.7/5

Left In: -0.087 ± 0.006 χ^2/NDF : 988.6/8

-0.018 ± 0.004 χ^2/NDF : 4447.5/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.026±/0.002 χ^2/NDF : 592.2/6

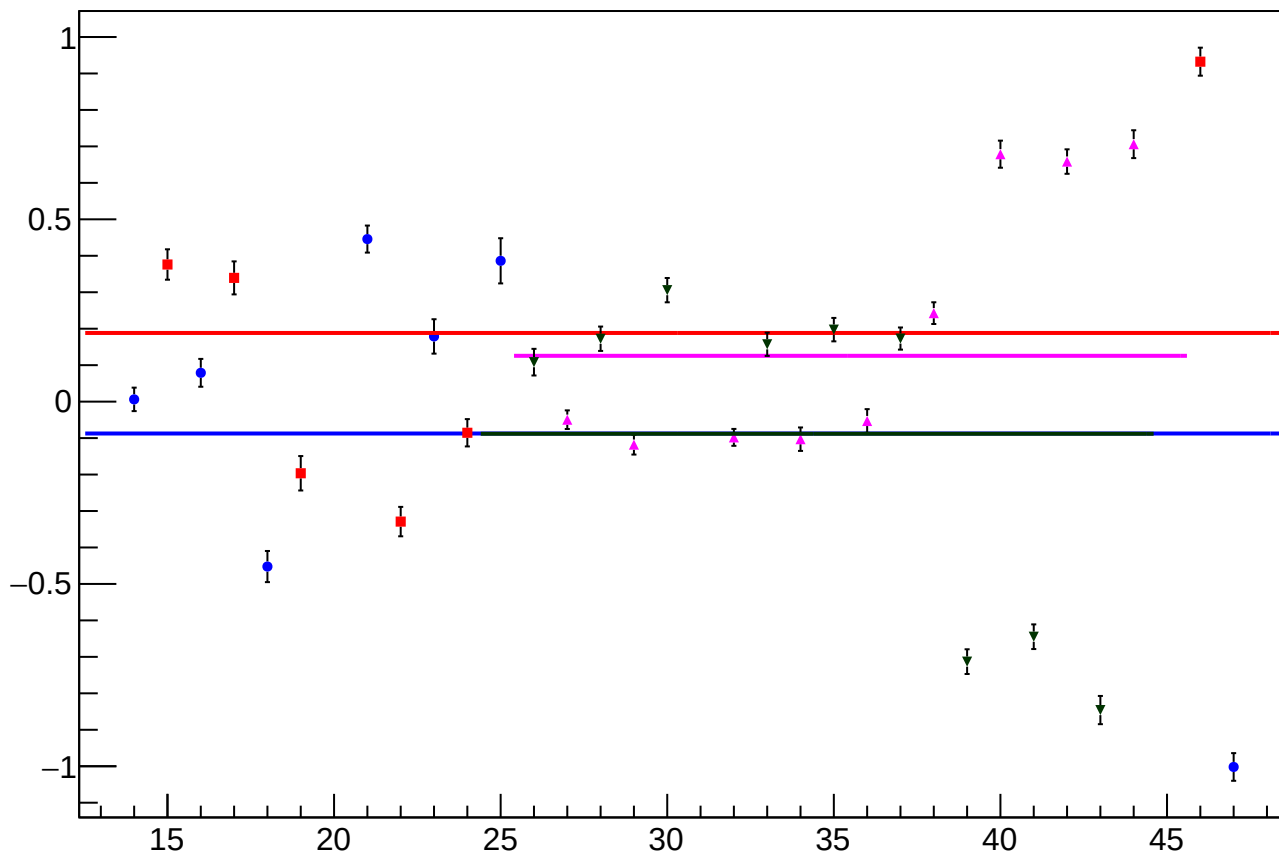
Left Out: -0.010±/0.001 χ^2/NDF : 445.6/8

Right Out: 0.031±/0.003 χ^2/NDF : 445.0/5

Left In: 0.016±/0.001 χ^2/NDF : 256.5/8

0.003±/0.001 χ^2/NDF : 2199.7/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.087 ± 0.015 χ^2/NDF : 978.4/6

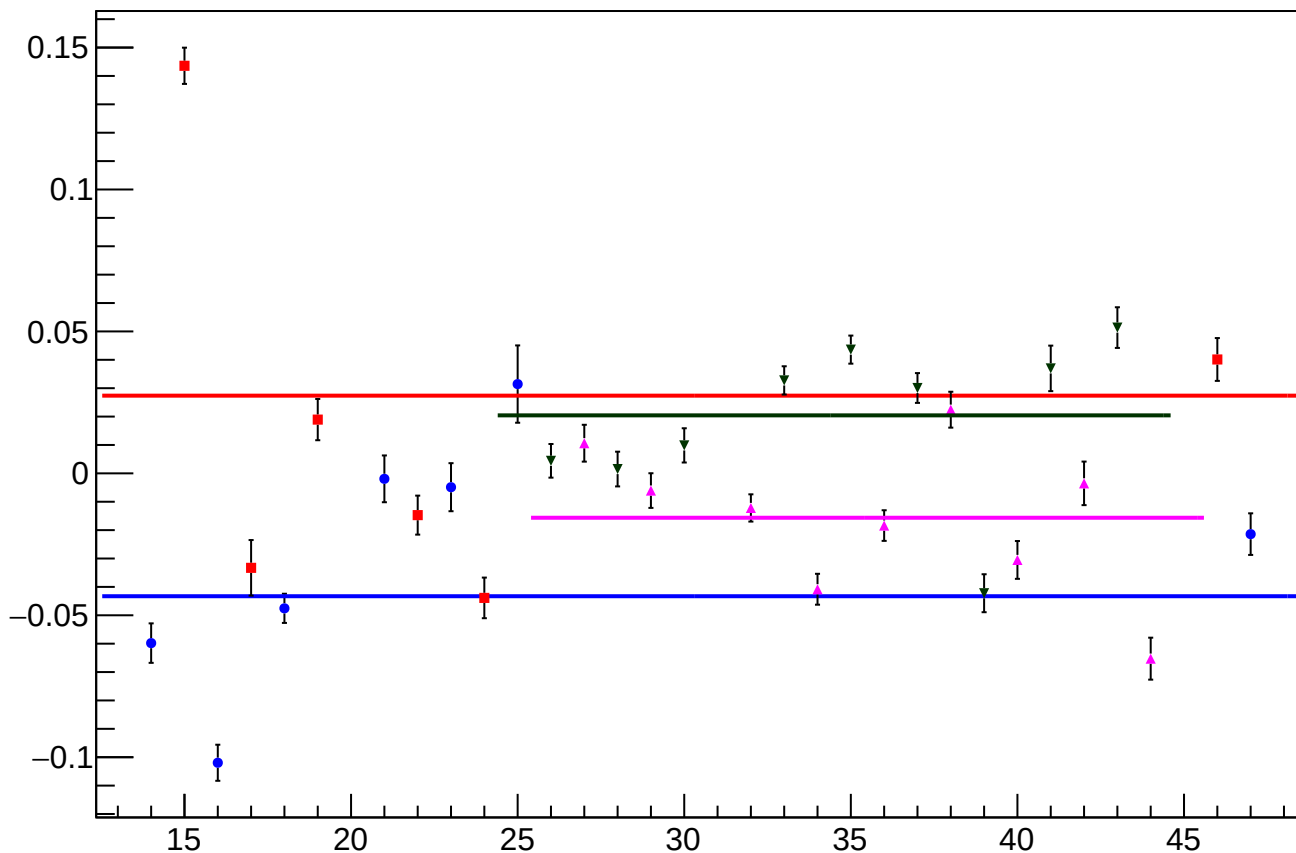
Left Out: -0.088 ± 0.011 χ^2/NDF : 1435.6/8

Right Out: 0.188 ± 0.017 χ^2/NDF : 690.7/5

Left In: 0.126 ± 0.010 χ^2/NDF : 1020.5/8

0.033 ± 0.006 χ^2/NDF : 4476.5/30

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.043+/-0.003 χ^2/NDF : 176.4/6

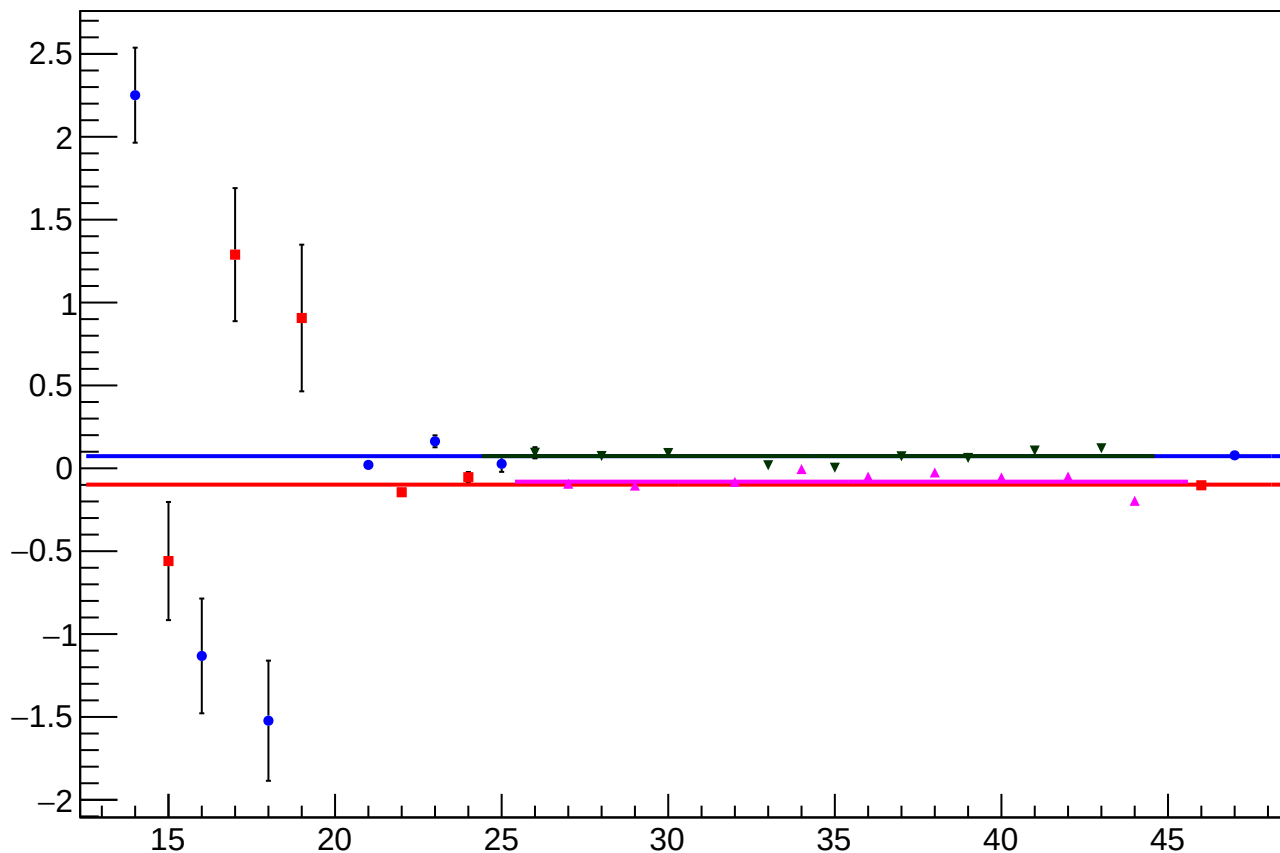
Left Out: 0.020+/-0.002 χ^2/NDF : 162.1/8

Right Out: 0.027+/-0.003 χ^2/NDF : 510.7/5

Left In: -0.016+/-0.002 χ^2/NDF : 129.9/8

-0.002+/-0.001 χ^2/NDF : 1482.7/30

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.073+/-0.016 χ^2/NDF : 99.6/6

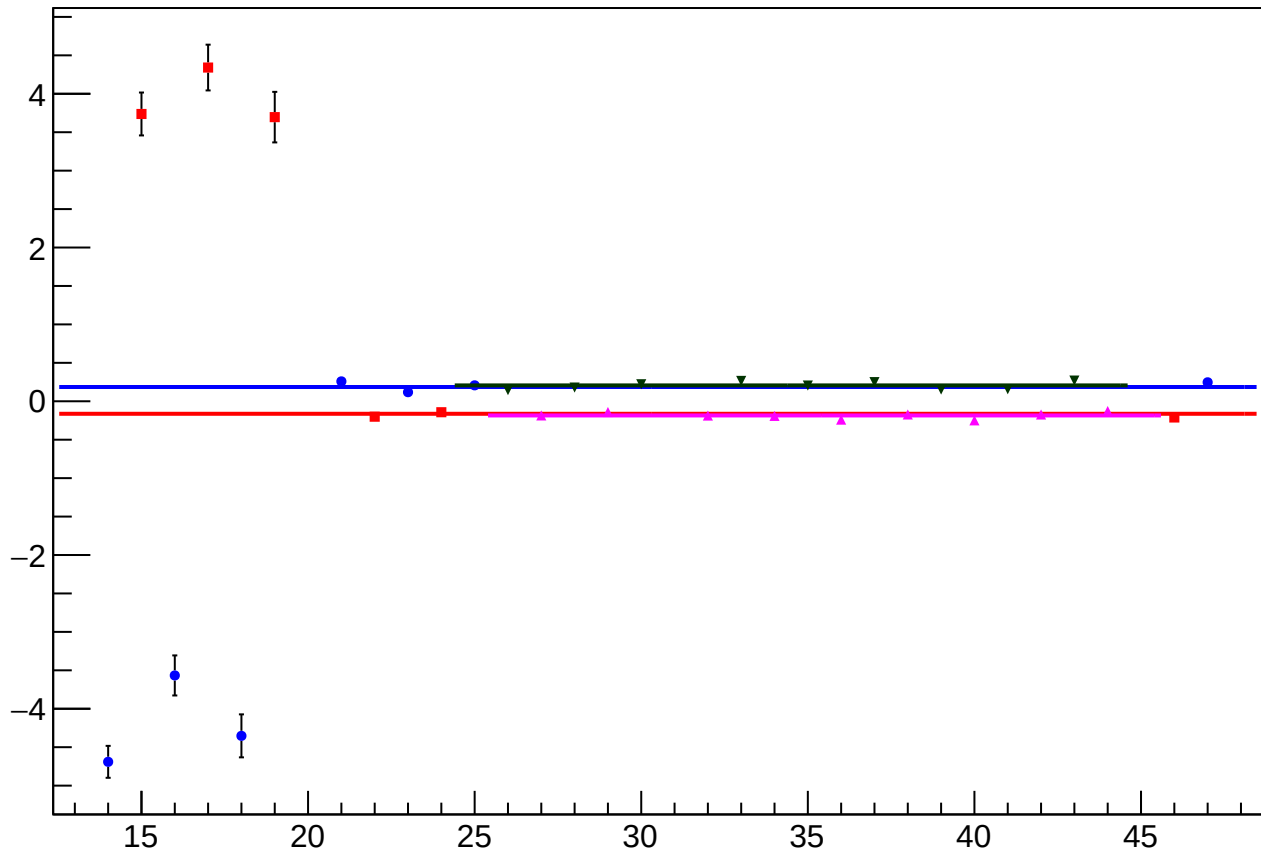
Left Out: 0.074+/-0.009 χ^2/NDF : 17.2/8

Right Out: -0.098+/-0.017 χ^2/NDF : 23.2/5

Left In: -0.080+/-0.008 χ^2/NDF : 39.2/8

-0.009+/-0.005 χ^2/NDF : 396.2/30

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.186+/-0.013 χ^2/NDF : 1046.5/6

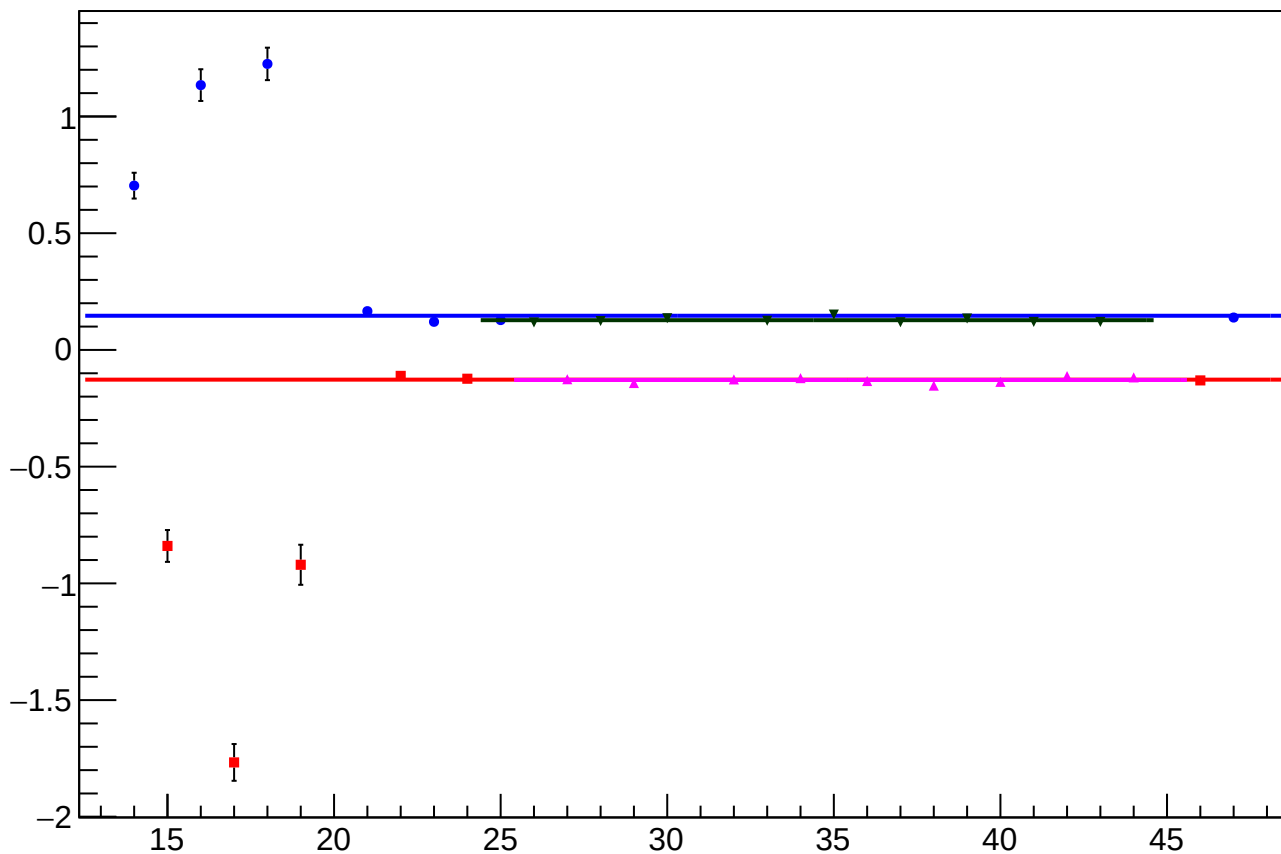
Left Out: 0.206+/-0.007 χ^2/NDF : 49.8/8

-0.002+/-0.004 χ^2/NDF : 3983.1/30

Right Out: -0.163+/-0.013 χ^2/NDF : 570.8/5

Left In: -0.184+/-0.006 χ^2/NDF : 39.0/8

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.146 ± 0.003 χ^2/NDF : 593.8/6

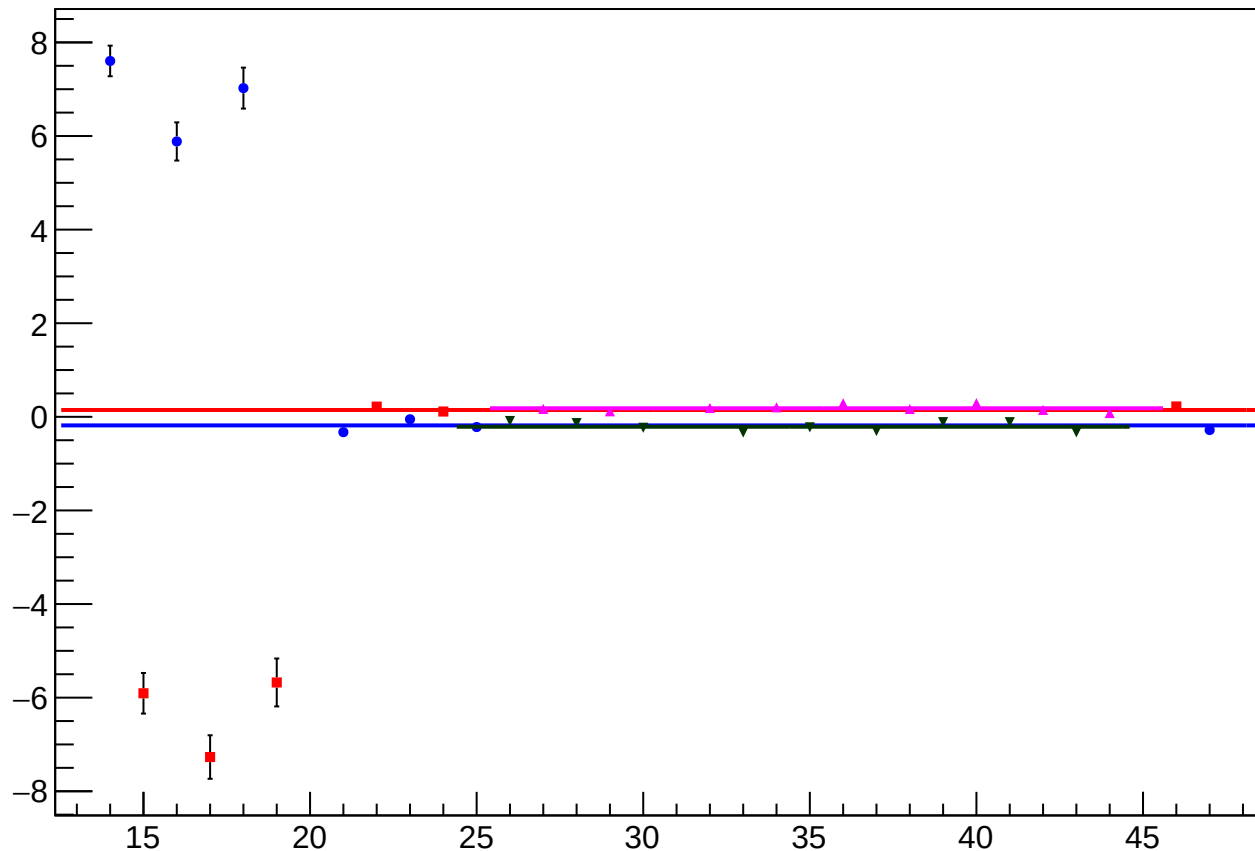
Left Out: 0.127 ± 0.001 χ^2/NDF : 47.7/8

-0.004 ± 0.001 χ^2/NDF : 22446.1/30

Right Out: -0.127 ± 0.003 χ^2/NDF : 638.8/5

Left In: -0.129 ± 0.001 χ^2/NDF : 62.0/8

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.183 ± 0.020 $\chi^2/\text{NDF}: 1093.6/6$

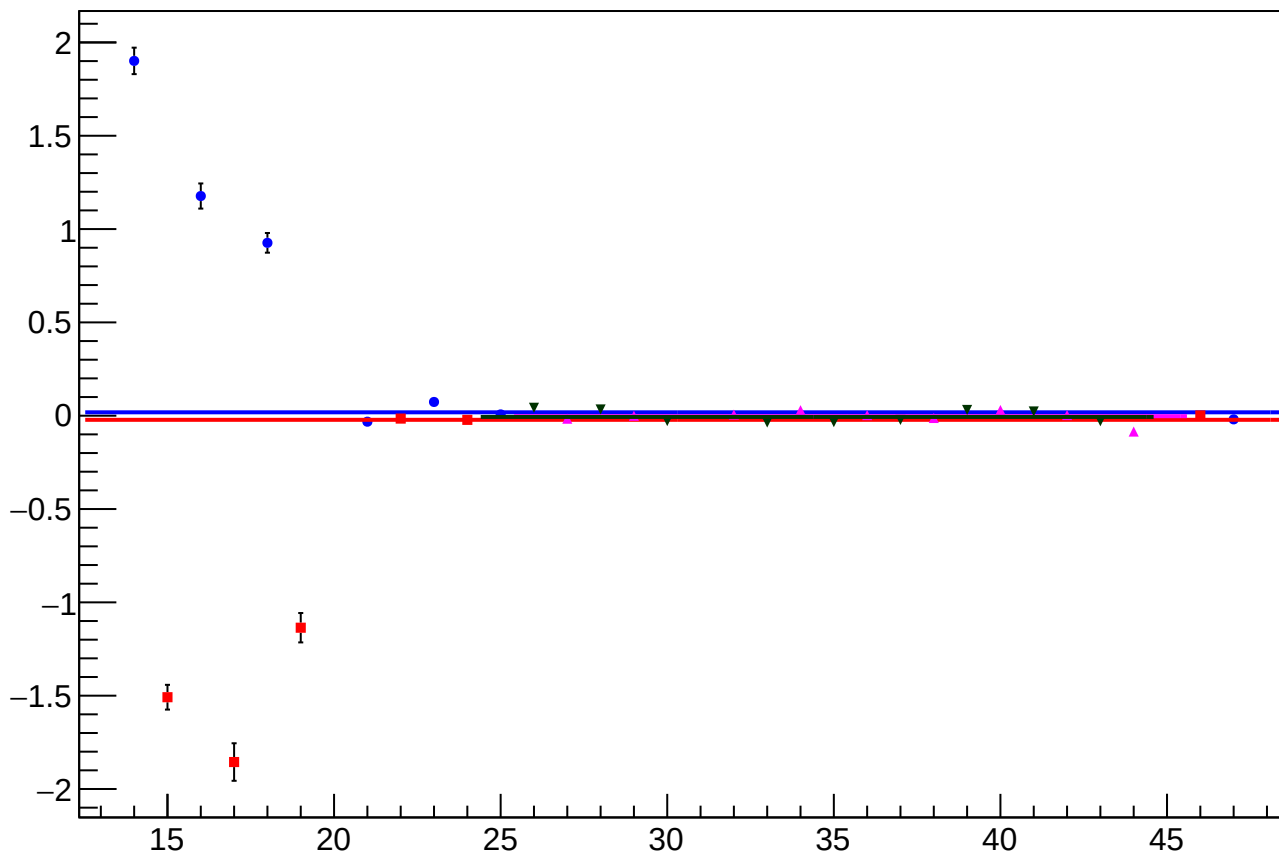
Left Out: -0.211 ± 0.011 $\chi^2/\text{NDF}: 72.0/8$

Right Out: 0.146 ± 0.020 $\chi^2/\text{NDF}: 587.7/5$

Left In: 0.183 ± 0.010 $\chi^2/\text{NDF}: 42.4/8$

-0.002 ± 0.007 $\chi^2/\text{NDF}: 2625.1/30$

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.018+/-0.004 χ^2/NDF : 1416.0/6

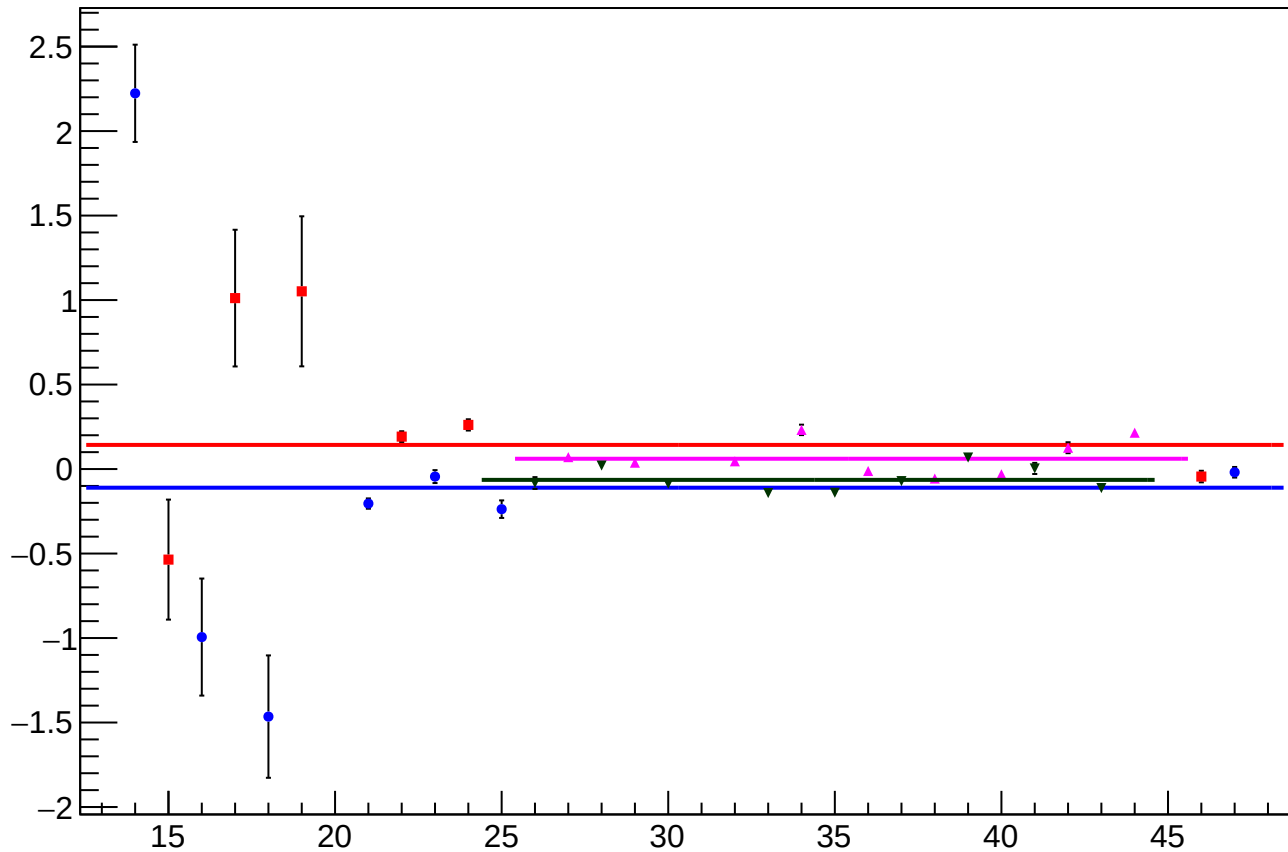
Left Out: -0.007+/-0.002 χ^2/NDF : 264.2/8

-0.004+/-0.001 χ^2/NDF : 3055.7/30

Right Out: -0.022+/-0.004 χ^2/NDF : 1048.7/5

Left In: -0.002+/-0.002 χ^2/NDF : 272.1/8

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.110 ± 0.018 $\chi^2/\text{NDF}: 113.2/6$

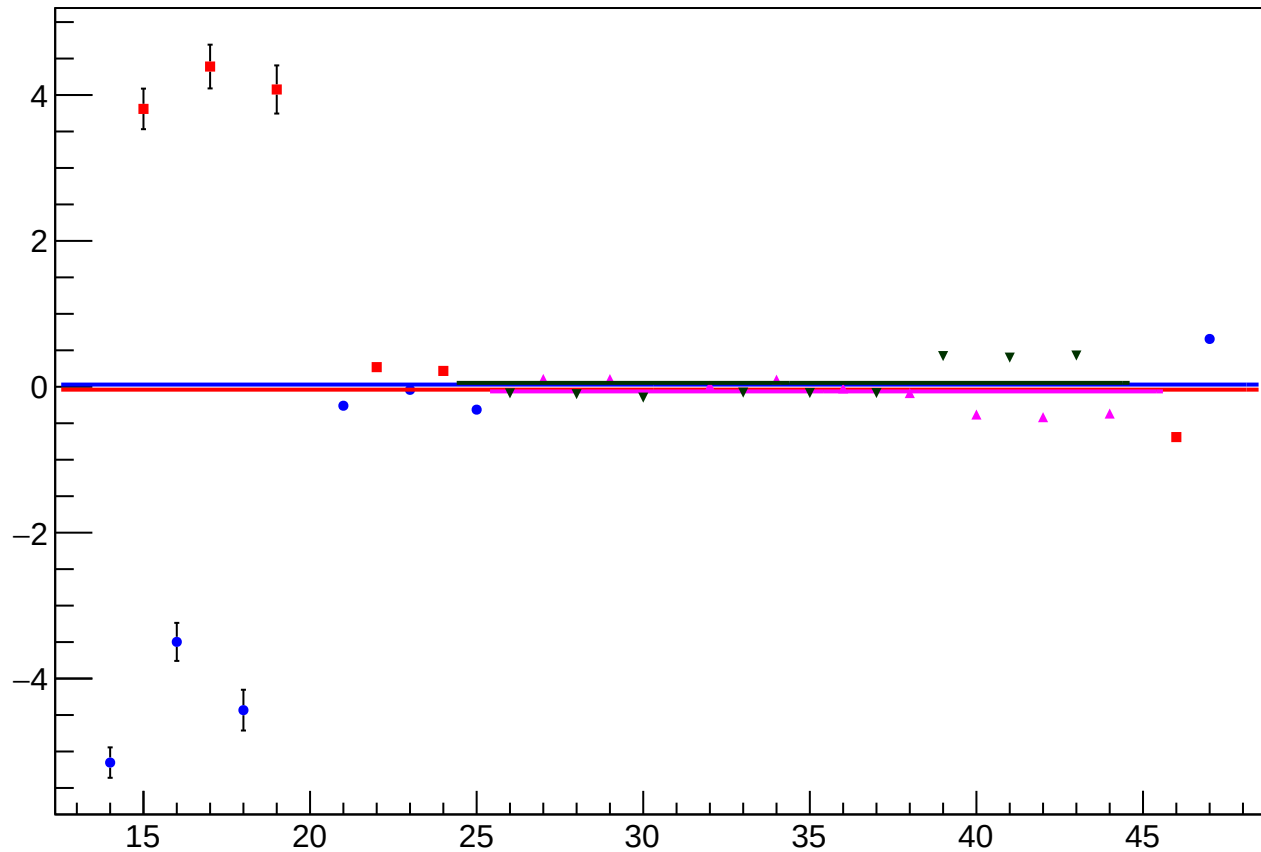
Left Out: -0.064 ± 0.009 $\chi^2/\text{NDF}: 53.3/8$

0.005 ± 0.006 $\chi^2/\text{NDF}: 509.6/30$

Right Out: 0.143 ± 0.019 $\chi^2/\text{NDF}: 57.4/5$

Left In: 0.061 ± 0.009 $\chi^2/\text{NDF}: 96.3/8$

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.030+/-0.014 χ^2/NDF : 1913.7/6

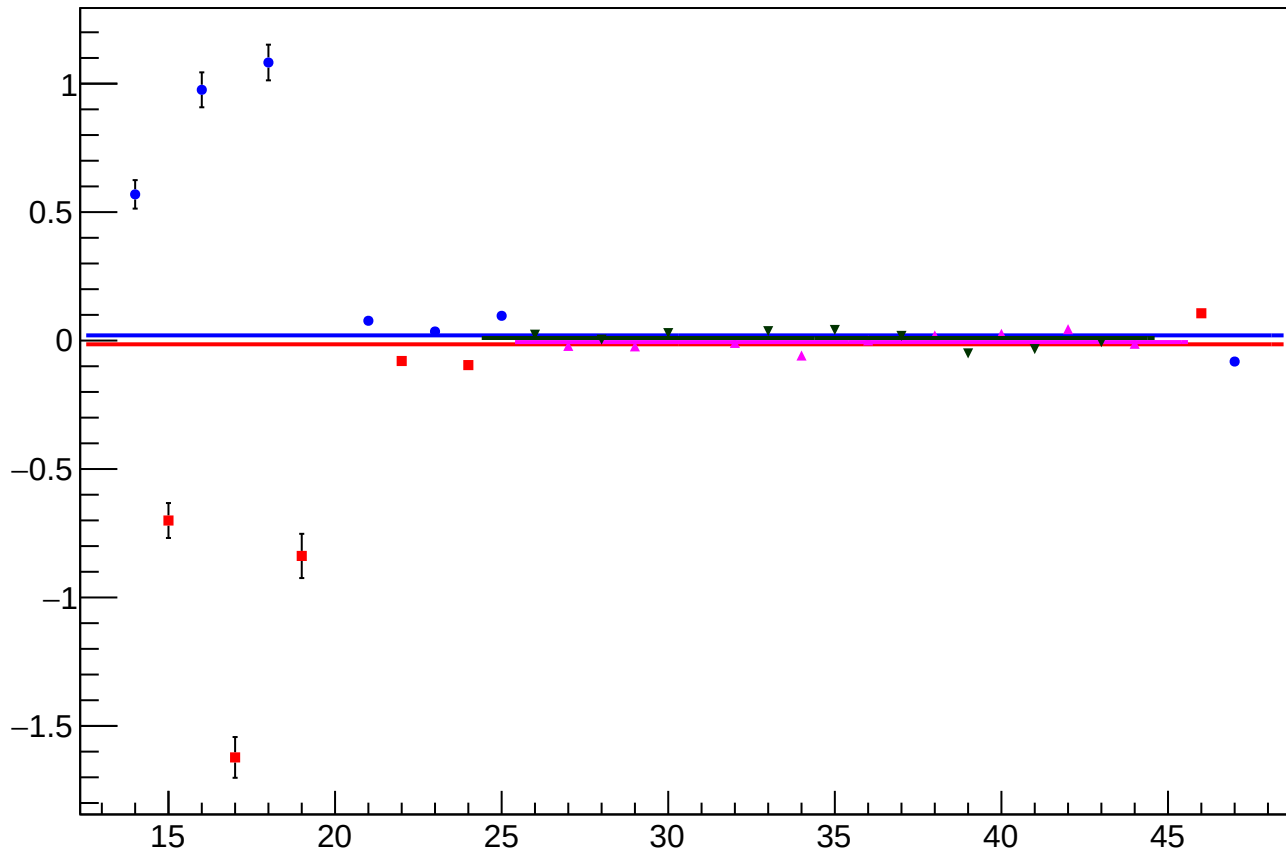
Left Out: 0.054+/-0.007 χ^2/NDF : 1125.4/8

Right Out: -0.039+/-0.015 χ^2/NDF : 1476.5/5

Left In: -0.063+/-0.006 χ^2/NDF : 920.0/8

-0.009+/-0.004 χ^2/NDF : 5599.6/30

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.020 $\pm$ 0.003 χ^2 /NDF: 1083.5/6

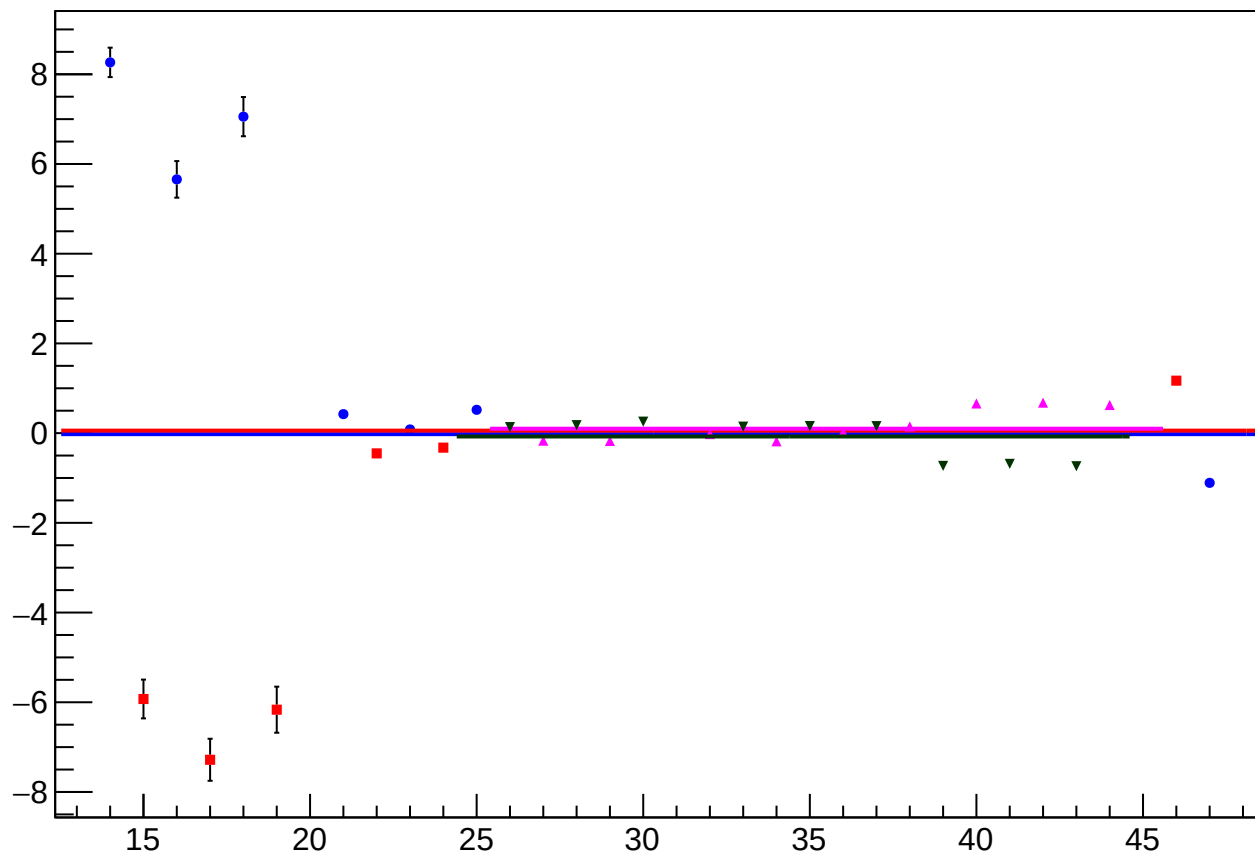
Left Out: 0.010 $\pm$ 0.002 χ^2 /NDF: 343.2/8

0.002 $\pm$ 0.001 χ^2 /NDF: 3291.4/30

Right Out: -0.015 $\pm$ 0.003 χ^2 /NDF: 1459.3/5

Left In: -0.006 $\pm$ 0.001 χ^2 /NDF: 288.3/8

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.023 ± 0.023 χ^2/NDF : 2008.6/6

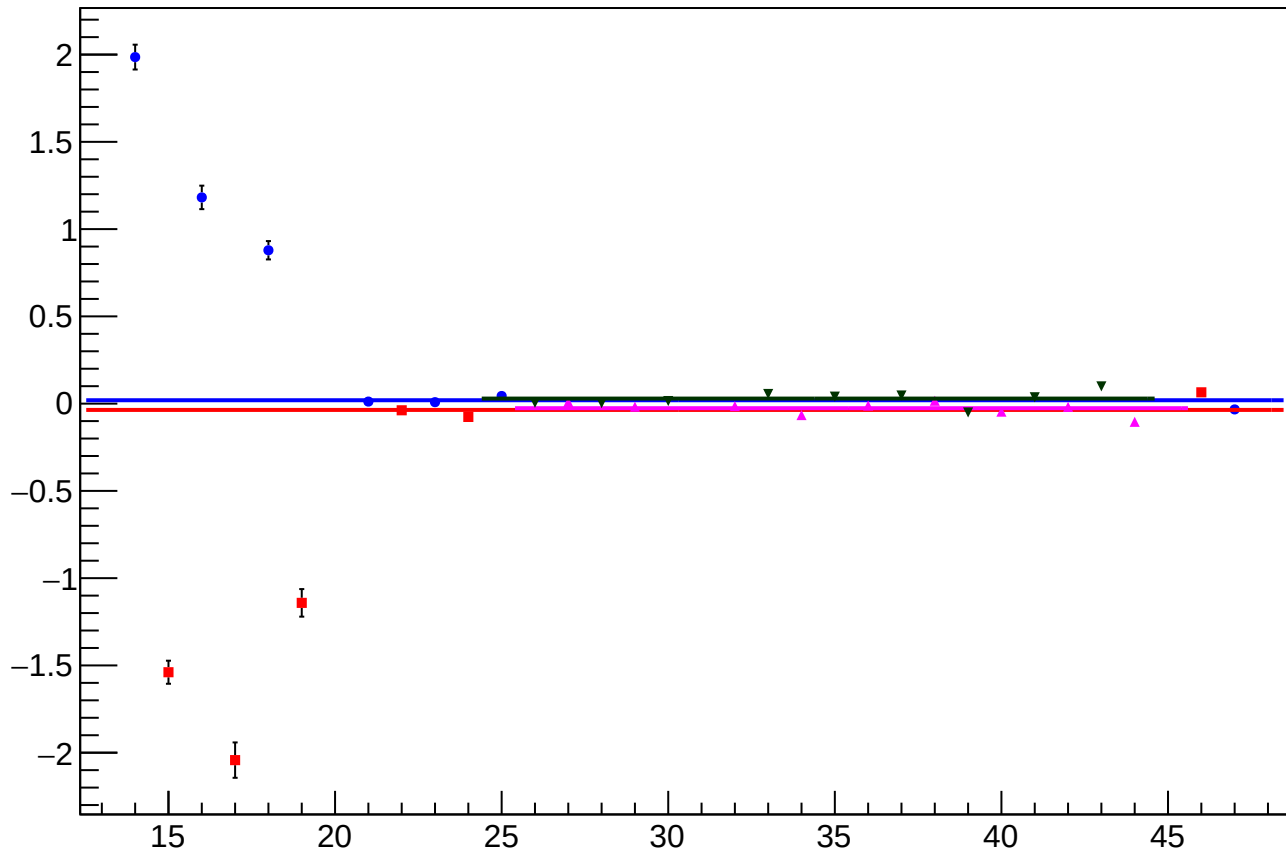
Left Out: -0.075 ± 0.012 χ^2/NDF : 1172.9/8

Right Out: 0.056 ± 0.023 χ^2/NDF : 1563.0/5

Left In: 0.099 ± 0.011 χ^2/NDF : 947.3/8

0.019 ± 0.007 χ^2/NDF : 5818.8/30

reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.019 $\pm$ 0.005 χ^2 /NDF: 1378.1/6

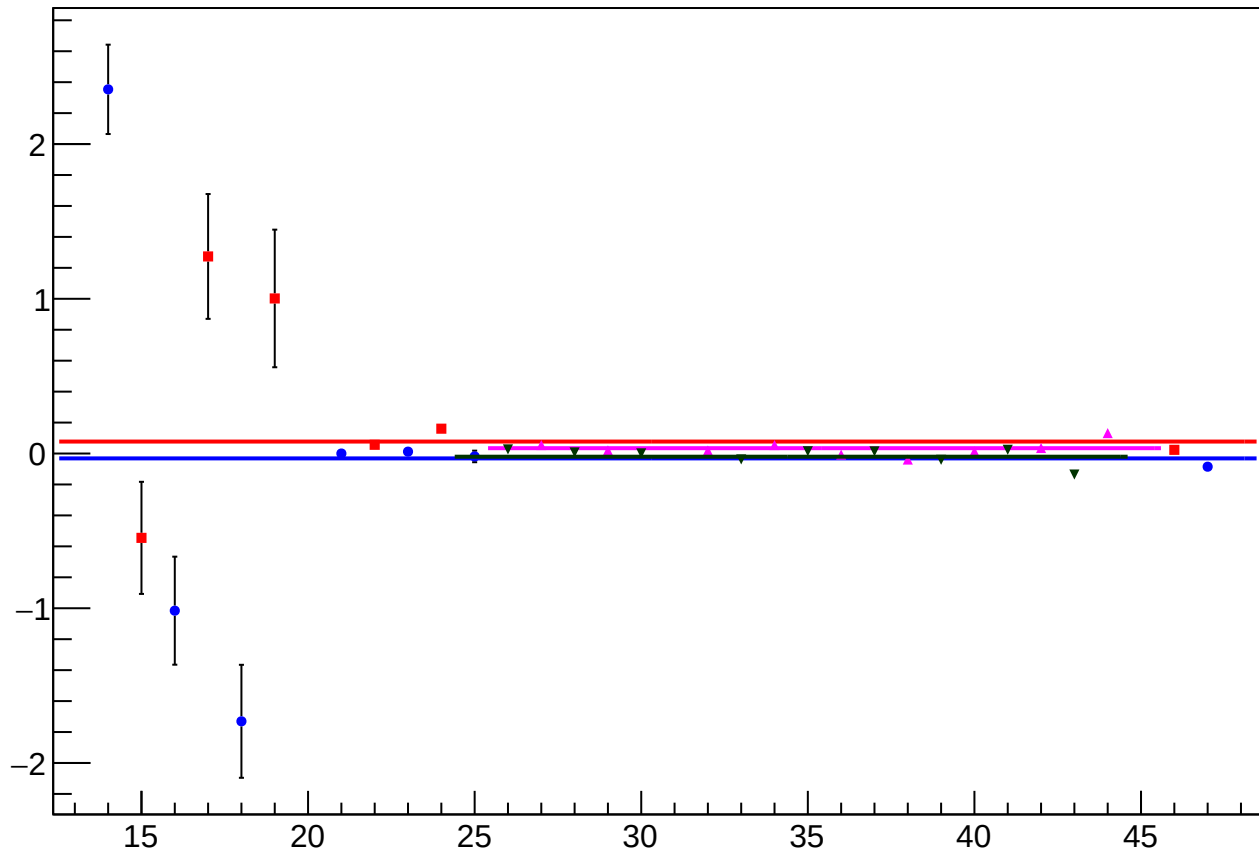
Left Out: 0.029 $\pm$ 0.002 χ^2 /NDF: 298.0/8

Right Out: -0.036 $\pm$ 0.004 χ^2 /NDF: 1291.8/5

Left In: -0.026 $\pm$ 0.002 χ^2 /NDF: 232.0/8

0.000 $\pm$ 0.001 χ^2 /NDF: 3639.4/30

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.032 ± 0.013 $\chi^2/\text{NDF}: 109.0/6$

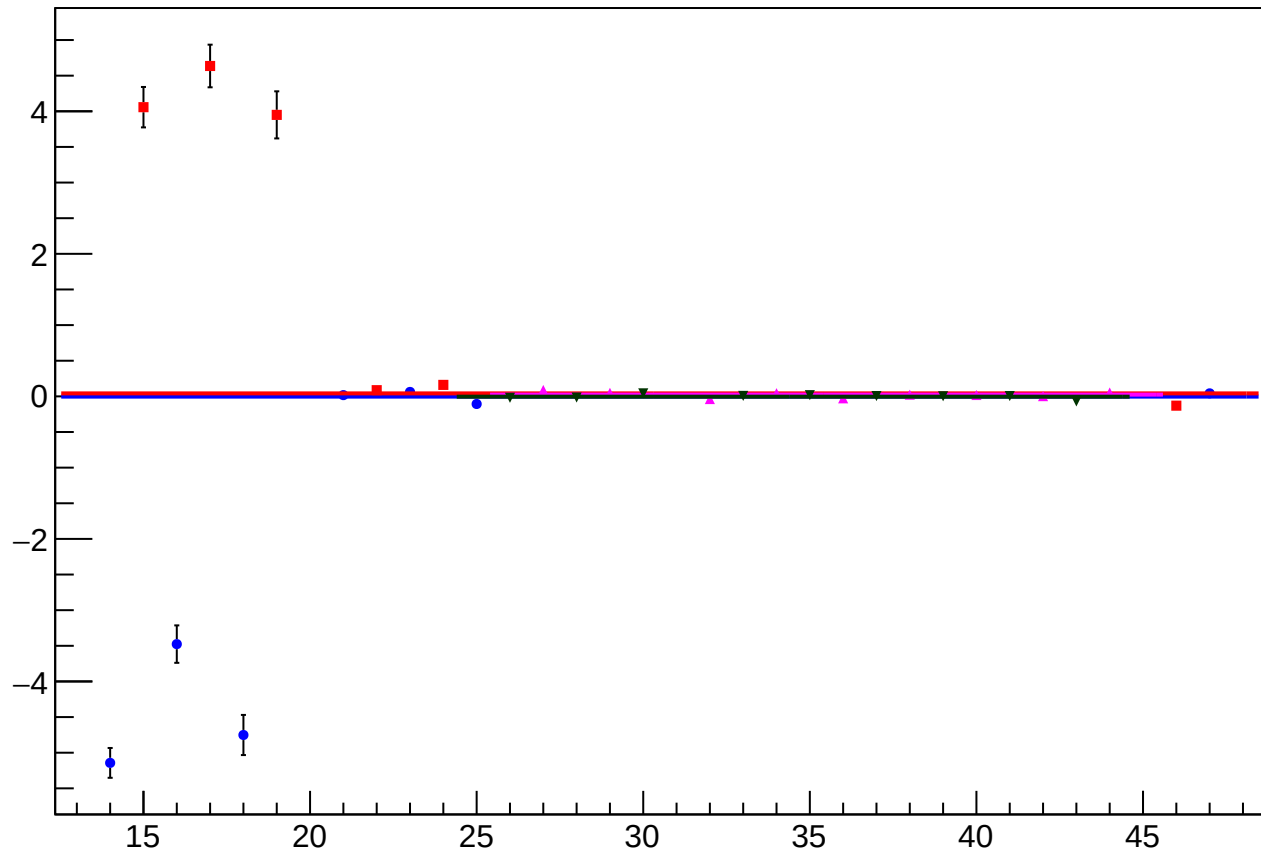
Left Out: -0.021 ± 0.007 $\chi^2/\text{NDF}: 59.1/8$

Right Out: 0.077 ± 0.013 $\chi^2/\text{NDF}: 34.4/5$

Left In: 0.034 ± 0.006 $\chi^2/\text{NDF}: 46.4/8$

0.011 ± 0.004 $\chi^2/\text{NDF}: 318.9/30$

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.003 ± 0.010 χ^2/NDF : 1091.7/6

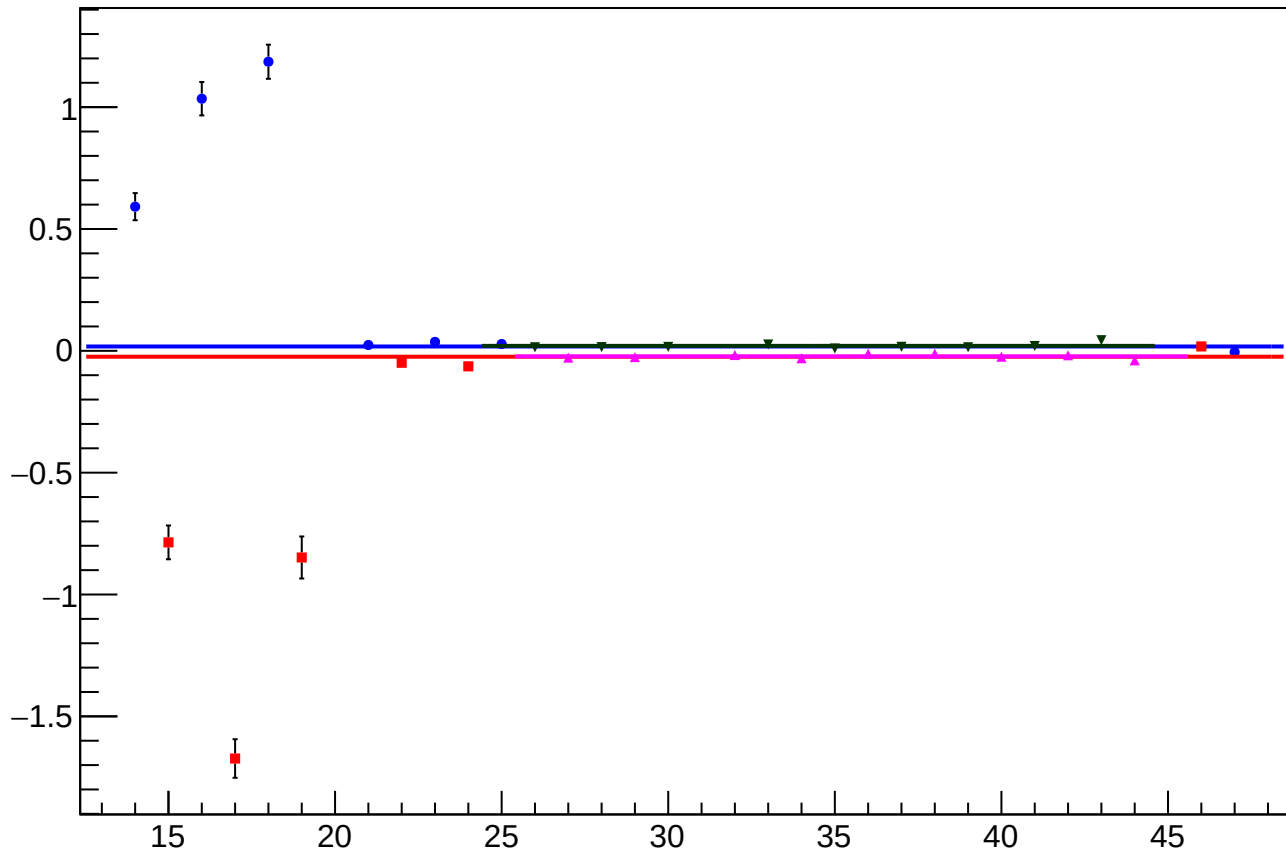
Left Out: -0.005 ± 0.005 χ^2/NDF : 34.9/8

Right Out: 0.042 ± 0.010 χ^2/NDF : 737.5/5

Left In: 0.024 ± 0.005 χ^2/NDF : 75.1/8

0.013 ± 0.003 χ^2/NDF : 1967.3/30

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.018 ± 0.002 χ^2/NDF : 669.5/6

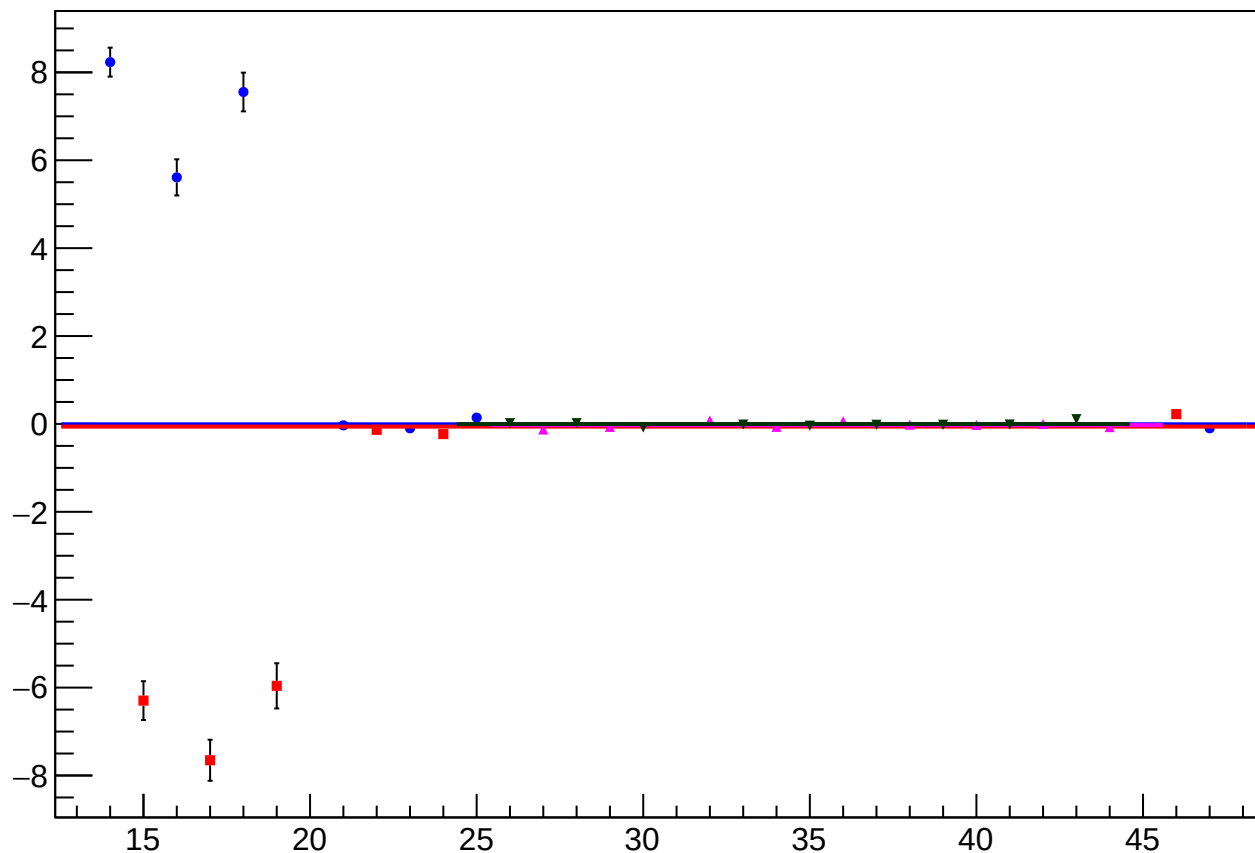
Left Out: 0.020 ± 0.001 χ^2/NDF : 81.1/8

-0.002 ± 0.001 χ^2/NDF : 2658.0/30

Right Out: -0.024 ± 0.002 χ^2/NDF : 916.5/5

Left In: -0.023 ± 0.001 χ^2/NDF : 60.4/8

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.008 ± 0.016 χ^2/NDF : 1137.6/6

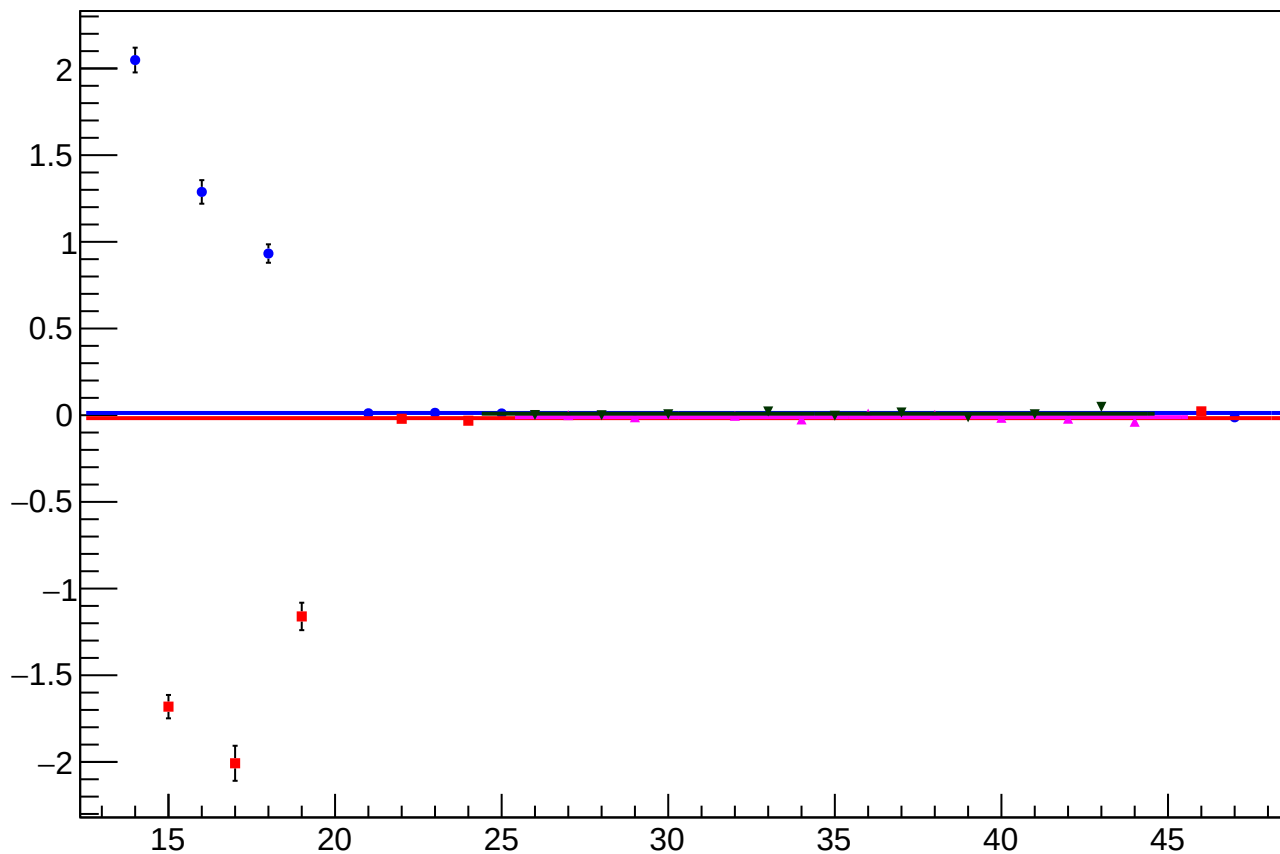
Left Out: -0.003 ± 0.009 χ^2/NDF : 34.3/8

Right Out: -0.061 ± 0.016 χ^2/NDF : 751.6/5

Left In: -0.028 ± 0.008 χ^2/NDF : 72.1/8

-0.020 ± 0.005 χ^2/NDF : 2007.3/30

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.013 $\pm$ 0.003 χ^2 /NDF: 1487.3/6

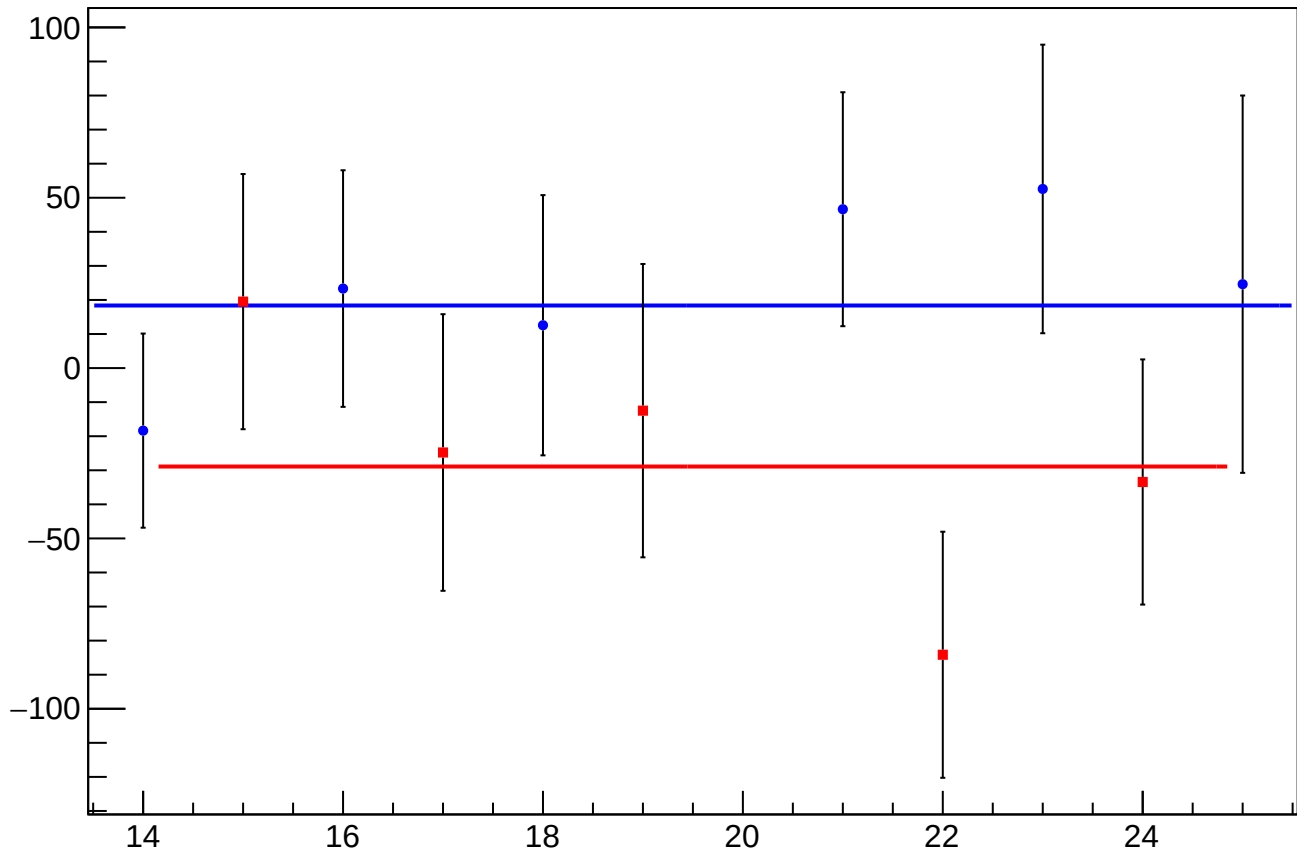
Left Out: 0.009 $\pm$ 0.002 χ^2 /NDF:124.4/8

Right Out: -0.017 $\pm$ 0.003 χ^2 /NDF: 1269.8/5

Left In: -0.011 $\pm$ 0.002 χ^2 /NDF:77.3/8

-0.001 $\pm$ 0.001 χ^2 /NDF: 3089.0/30

bcm_dg_us_dg_ds_dd_mean vs slug



Right In: 18.369+/-14.943 χ^2/NDF : 3.0/5

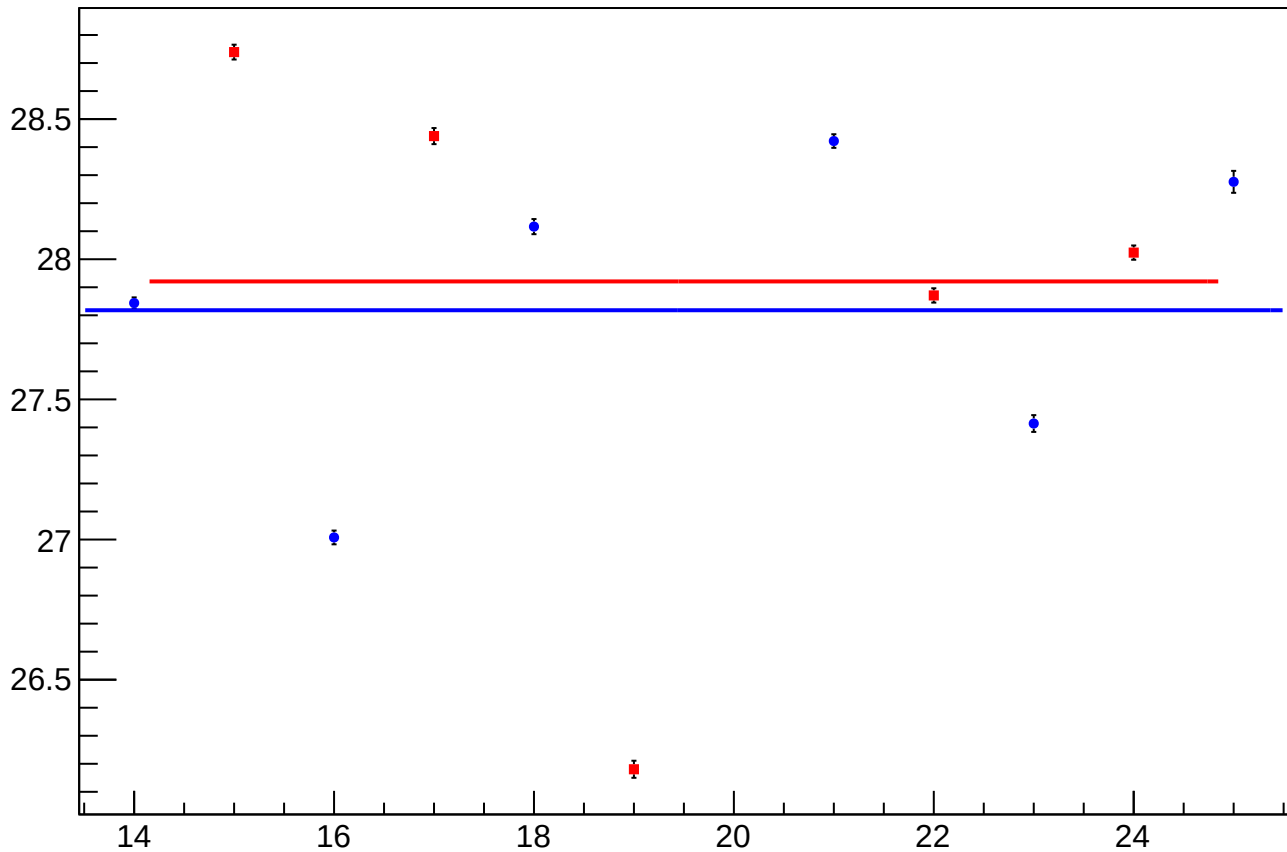
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.023+/-11.268 χ^2/NDF : 11.5/10

Right Out: -28.899+/-17.155 χ^2/NDF : 4.2/4

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

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 27.818+/-0.011 χ^2/NDF : 2150.6/5

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

27.862+/-0.008 χ^2/NDF : 6760.3/10

Right Out: 27.921+/-0.012 χ^2/NDF : 4568.9/4

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

bcm_dg_us_dg_ds_avg_mean vs slug



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

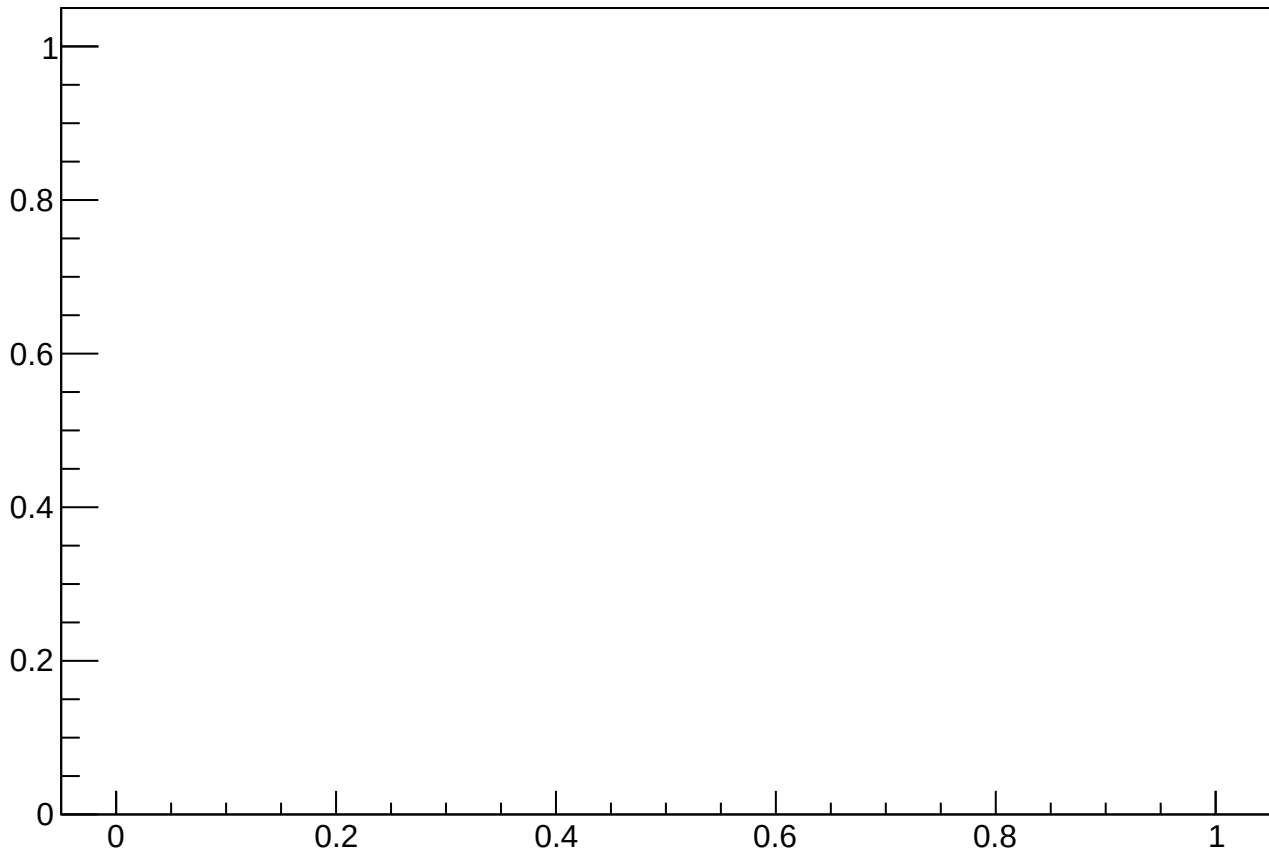
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

bcm_dg_us_dg_ds_avg_rms vs slug



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

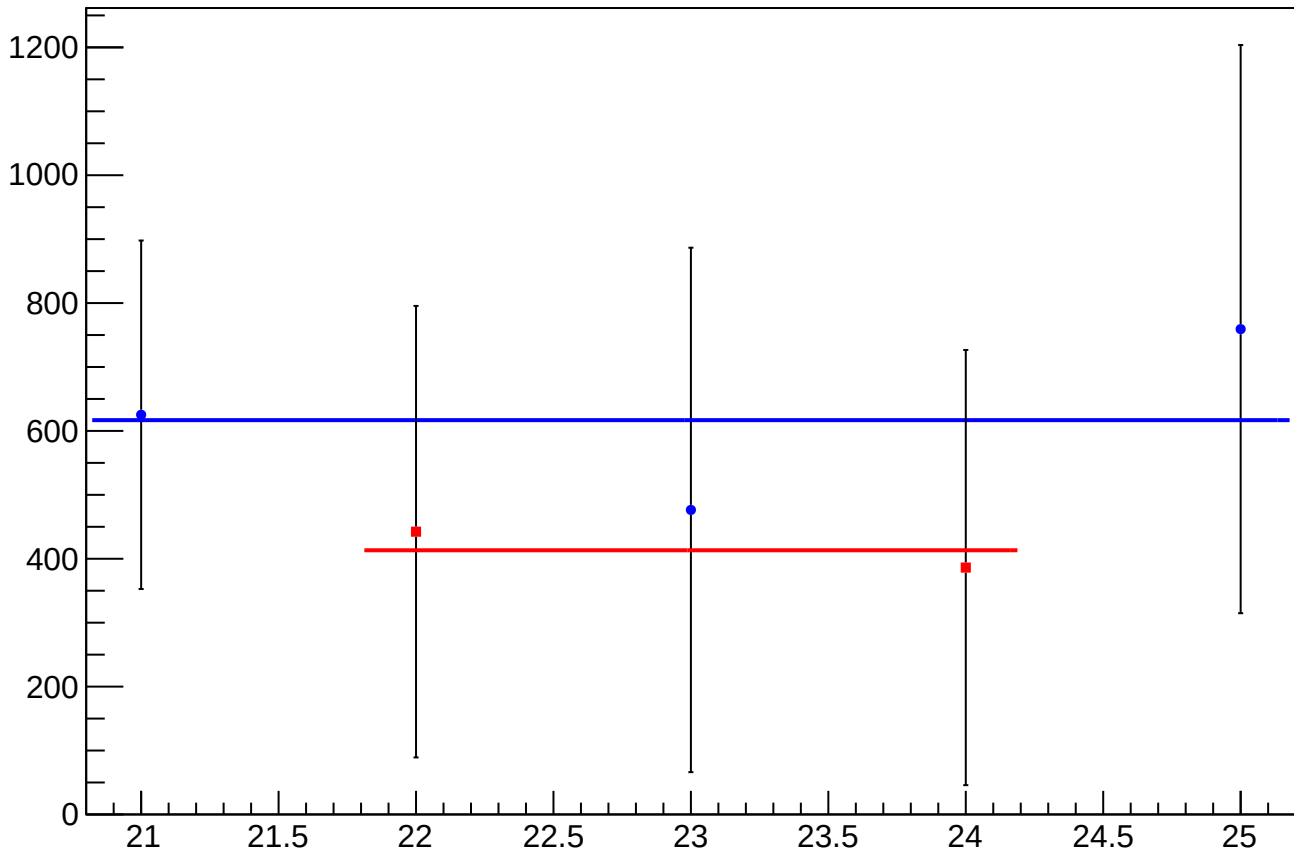
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_agg_avg_mean vs slug



Right In: 616.830 $\pm$ 202.181 χ^2 /NDF: 0.2/2

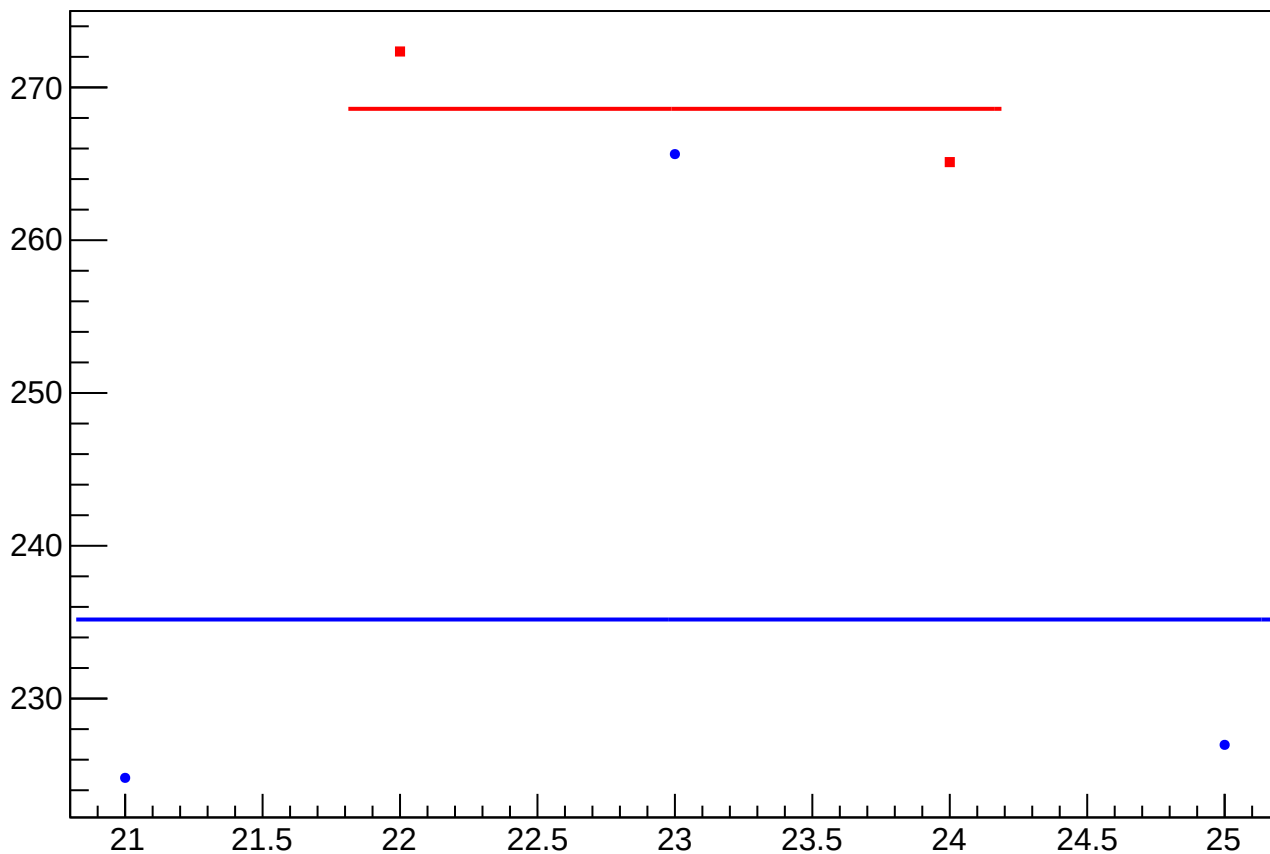
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

534.396 $\pm$ 155.961 χ^2 /NDF: 0.6/4

Right Out: 413.266 $\pm$ 245.083 χ^2 /NDF: 0.0/1

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

asym_us_agg_avg_rms vs slug



Right In: 235.175 $\pm$ 0.143 χ^2 /NDF: 14599.0/2

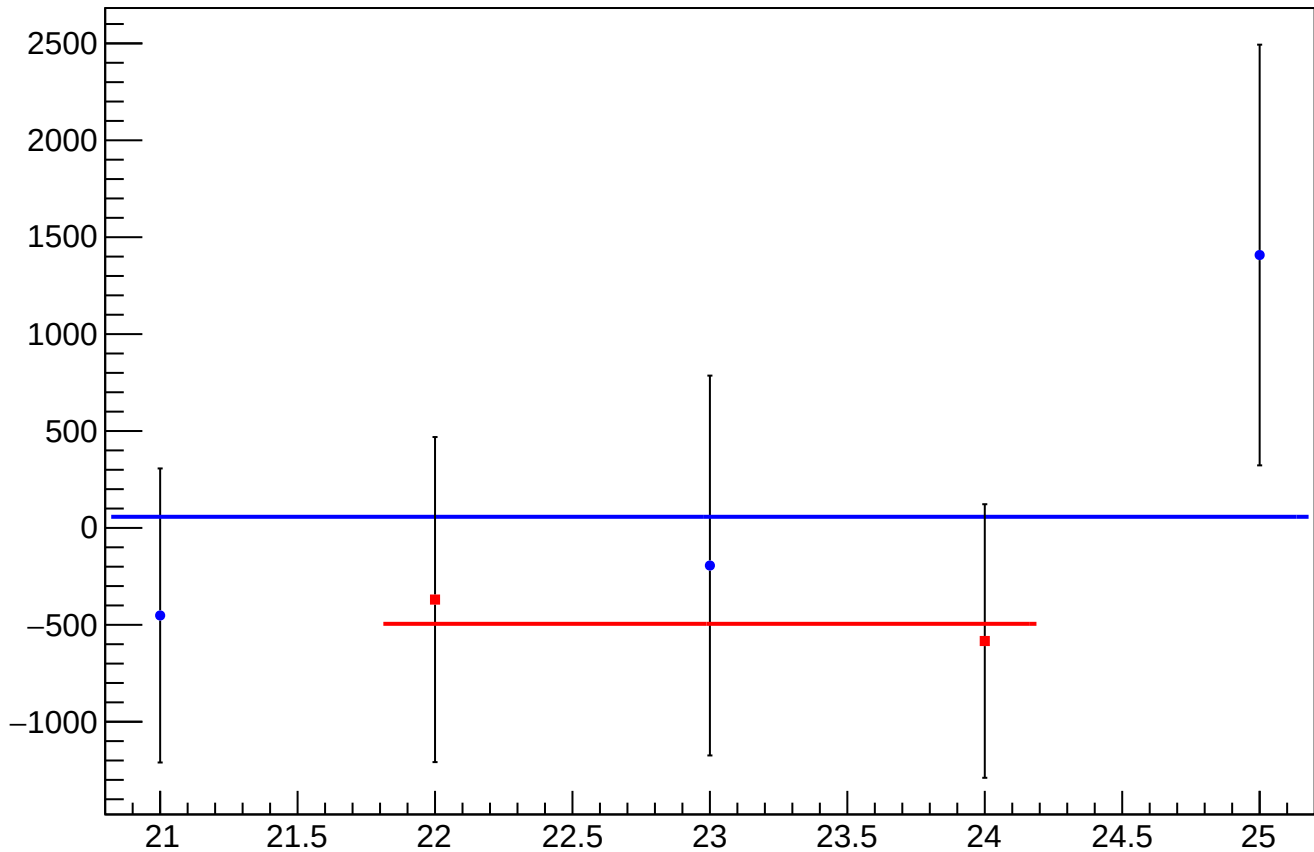
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

248.710 $\pm$ 0.110 χ^2 /NDF: 37169.1/4

Right Out: 268.598 $\pm$ 0.173 χ^2 /NDF: 435.7/1

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

asym_us_agg_dd_mean vs slug



Right In: 57.449+/-525.006 χ^2/NDF : 2.1/2

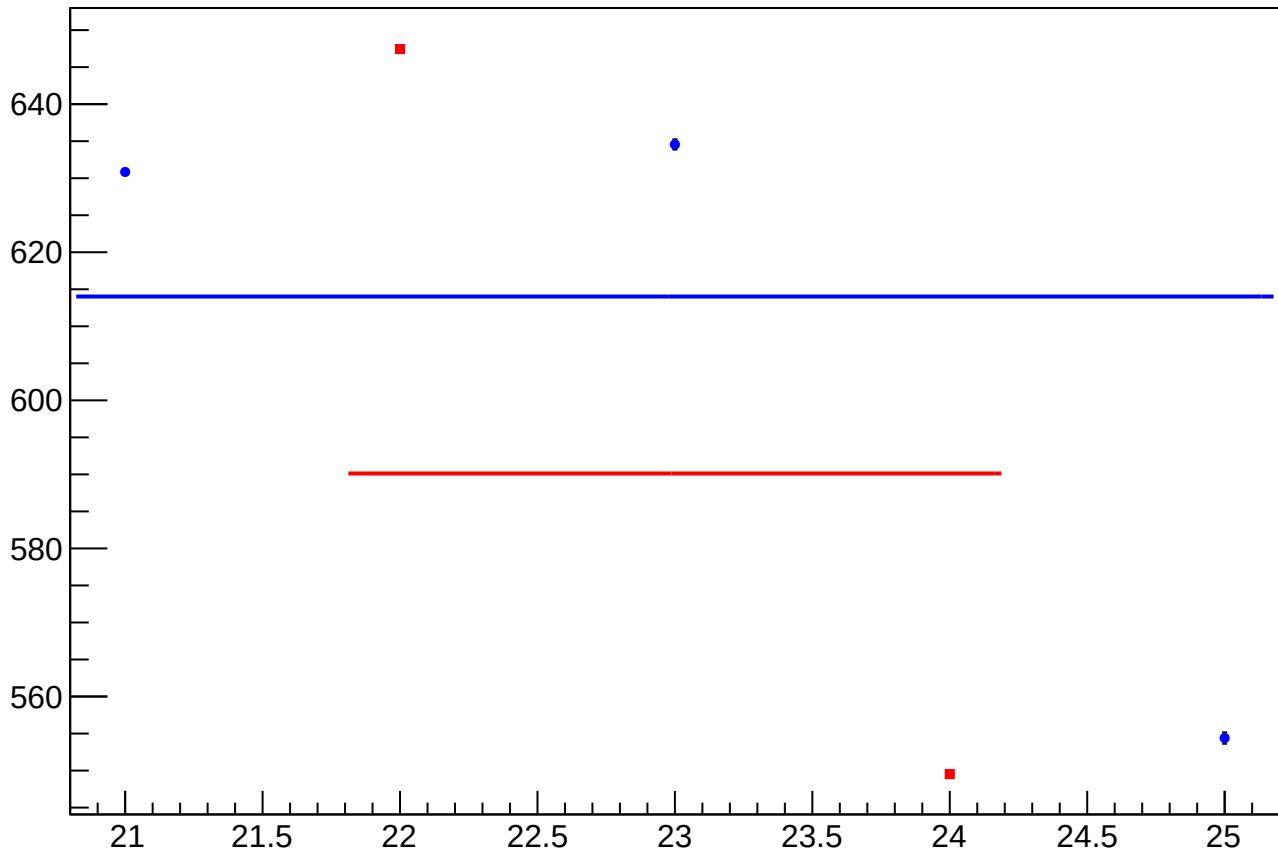
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-210.905+/-376.426 χ^2/NDF : 2.6/4

Right Out: -494.810+/-540.005 χ^2/NDF : 0.0/1

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

asym_us_agg_dd_rms vs slug



Right In: 614.022 $\pm$ 0.371 χ^2 /NDF: 7898.5/2

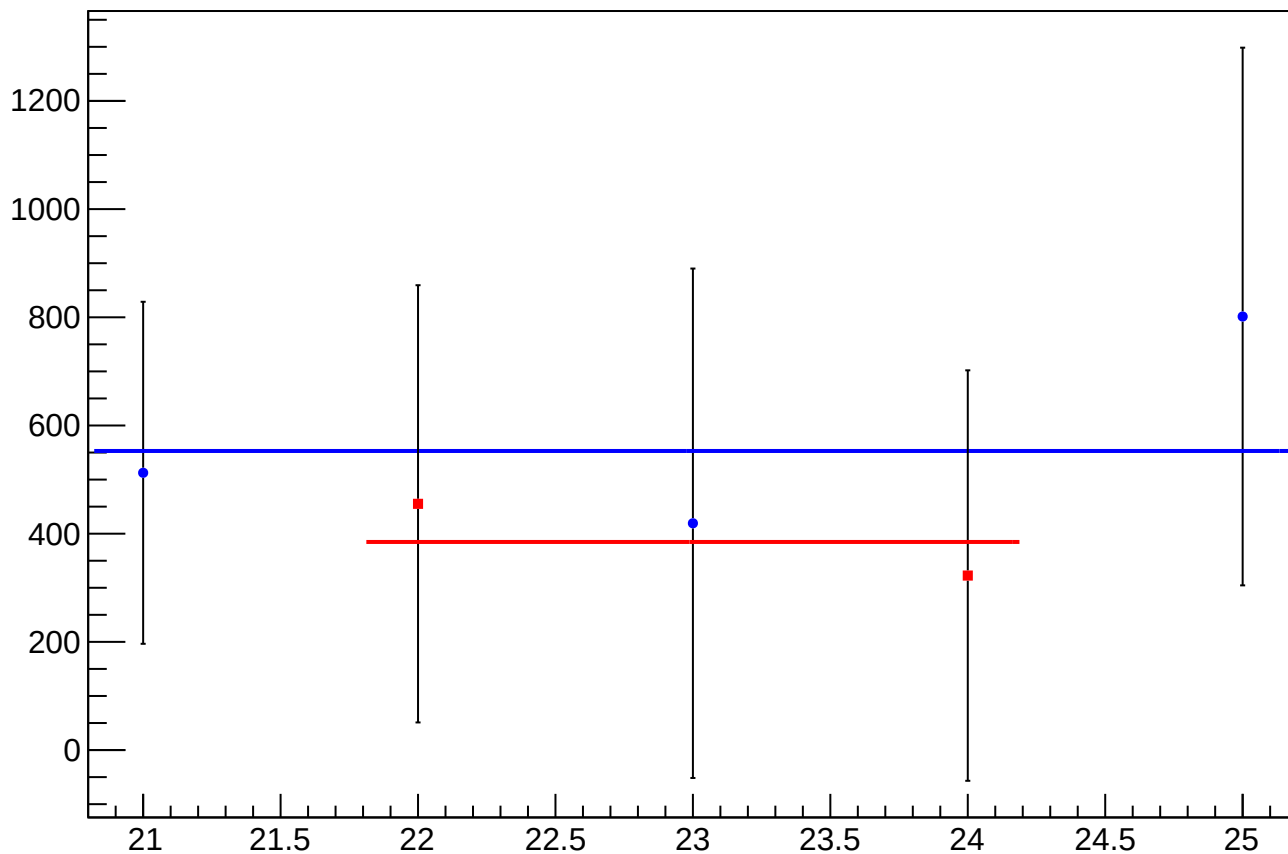
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

602.408 $\pm$ 0.266 χ^2 /NDF: 25873.4/4

Right Out: 590.121 $\pm$ 0.382 χ^2 /NDF: 15960.8/1

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

asym_ds_agg_avg_mean vs slug



Right In: 552.891+/-232.087 χ^2 /NDF: 0.3/2

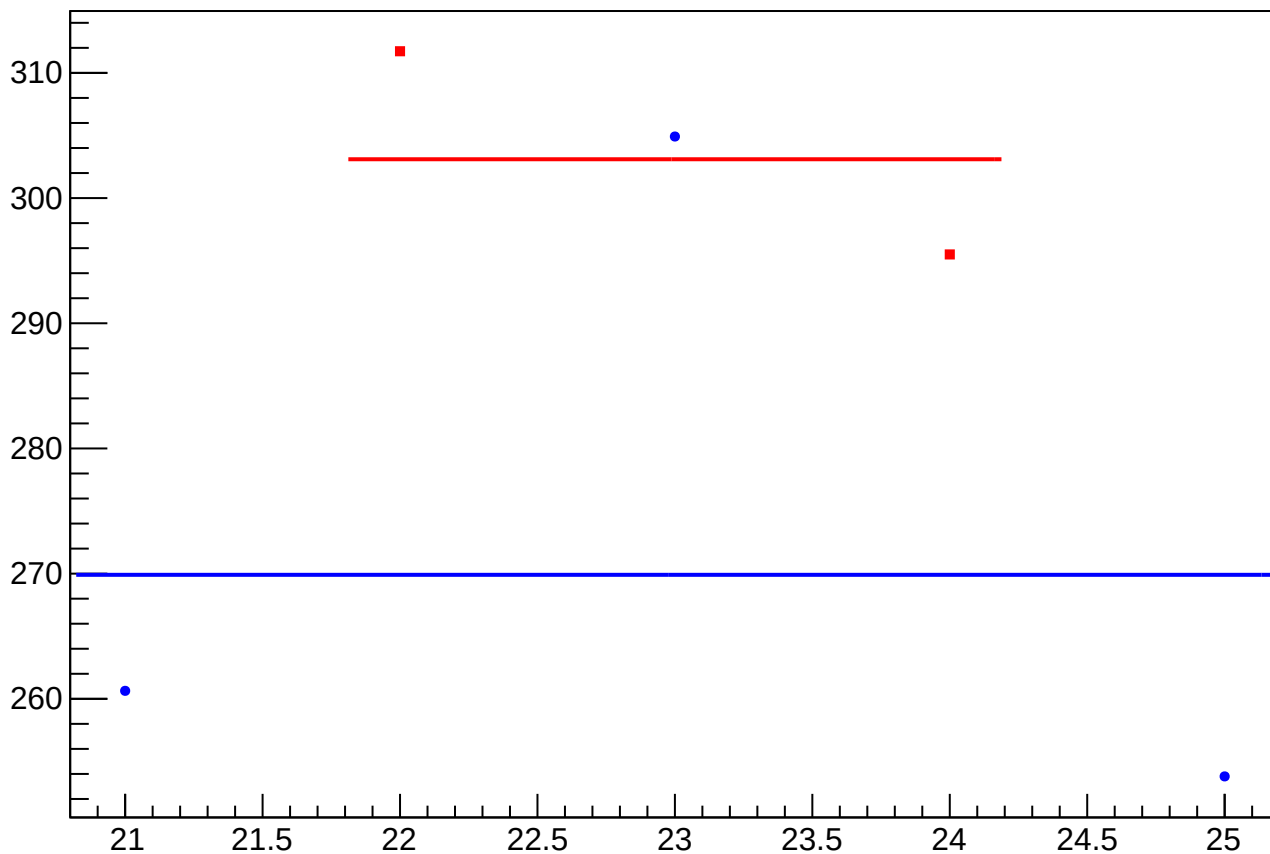
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

483.405+/-177.793 χ^2 /NDF: 0.6/4

Right Out: 384.707+/-276.605 χ^2 /NDF: 0.1/1

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

asym_ds_agg_avg_rms vs slug



Right In: 269.906 $\pm$ 0.164 χ^2 /NDF: 14876.2/2

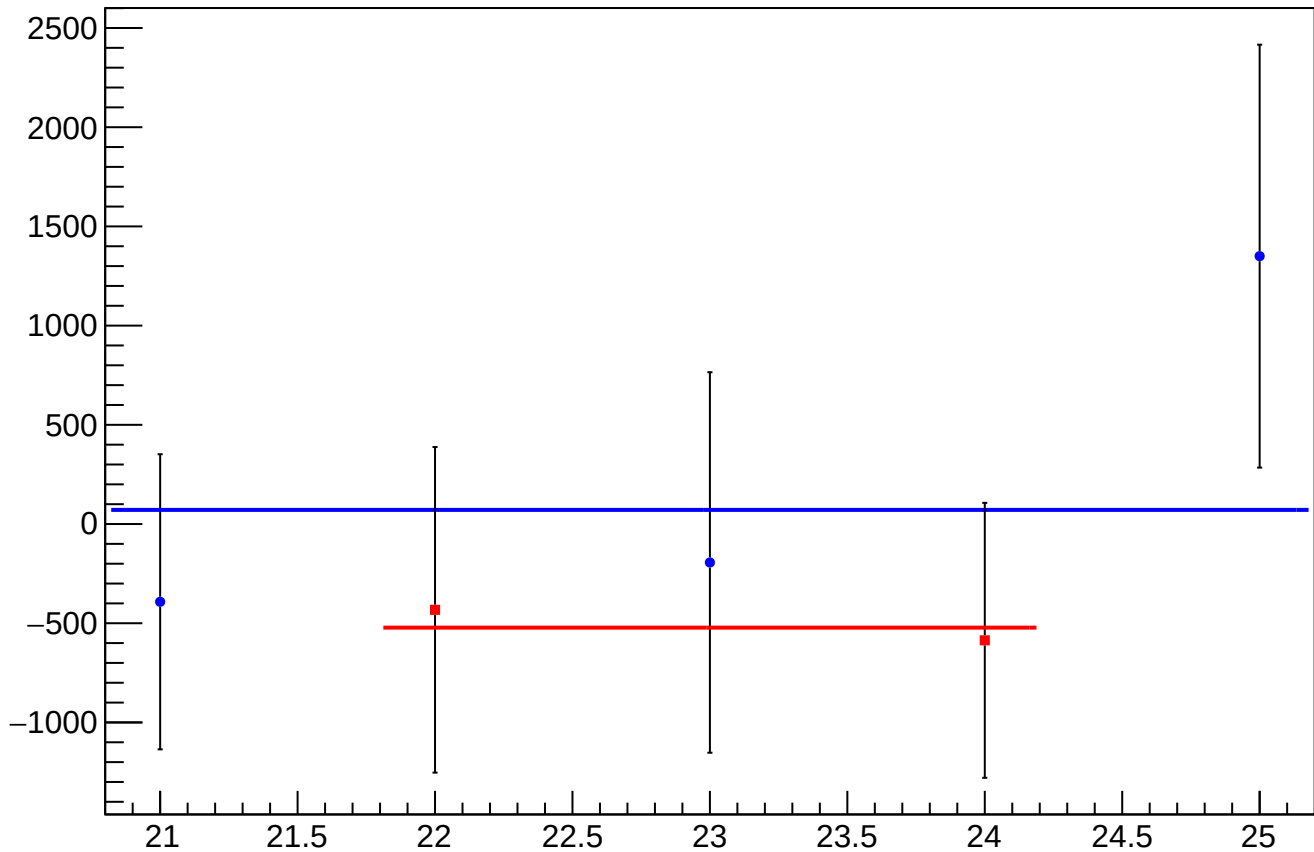
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

283.621 $\pm$ 0.126 χ^2 /NDF: 33496.2/4

Right Out: 303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

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

asym_ds_agg_dd_mean vs slug



Right In: 71.266+/-514.637 χ^2/NDF : 1.9/2

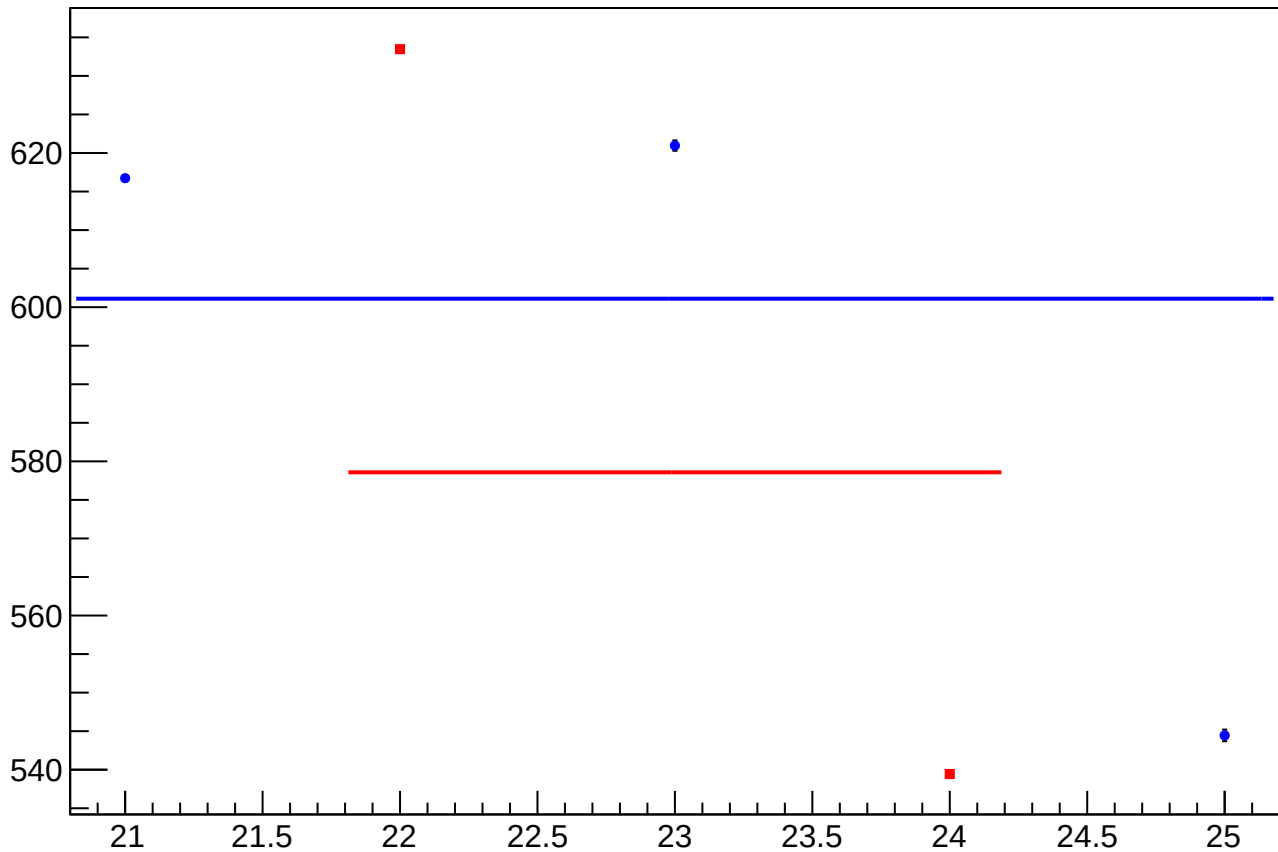
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

-217.065+/-369.006 χ^2/NDF : 2.6/4

Right Out: -522.156+/-529.382 χ^2/NDF : 0.0/1

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

asym_ds_agg_dd_rms vs slug



Right In: 601.099 $\pm$ 0.364 χ^2 /NDF: 7391.8/2

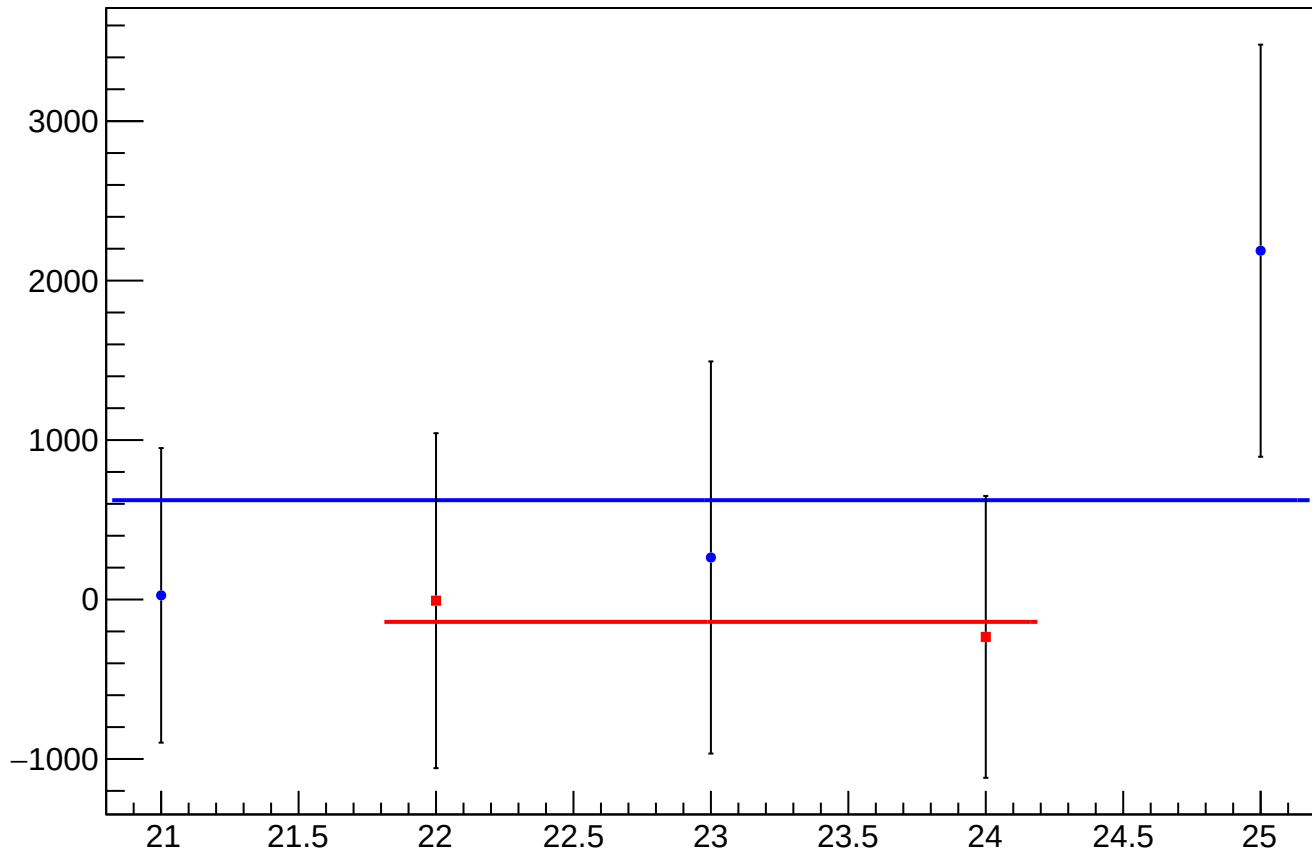
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

590.157 $\pm$ 0.261 χ^2 /NDF: 24584.9/4

Right Out: 578.580 $\pm$ 0.374 χ^2 /NDF: 15332.3/1

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

asym_left_agg_avg_mean vs slug



Right In: 622.985+/-641.214 χ^2/NDF : 2.0/2

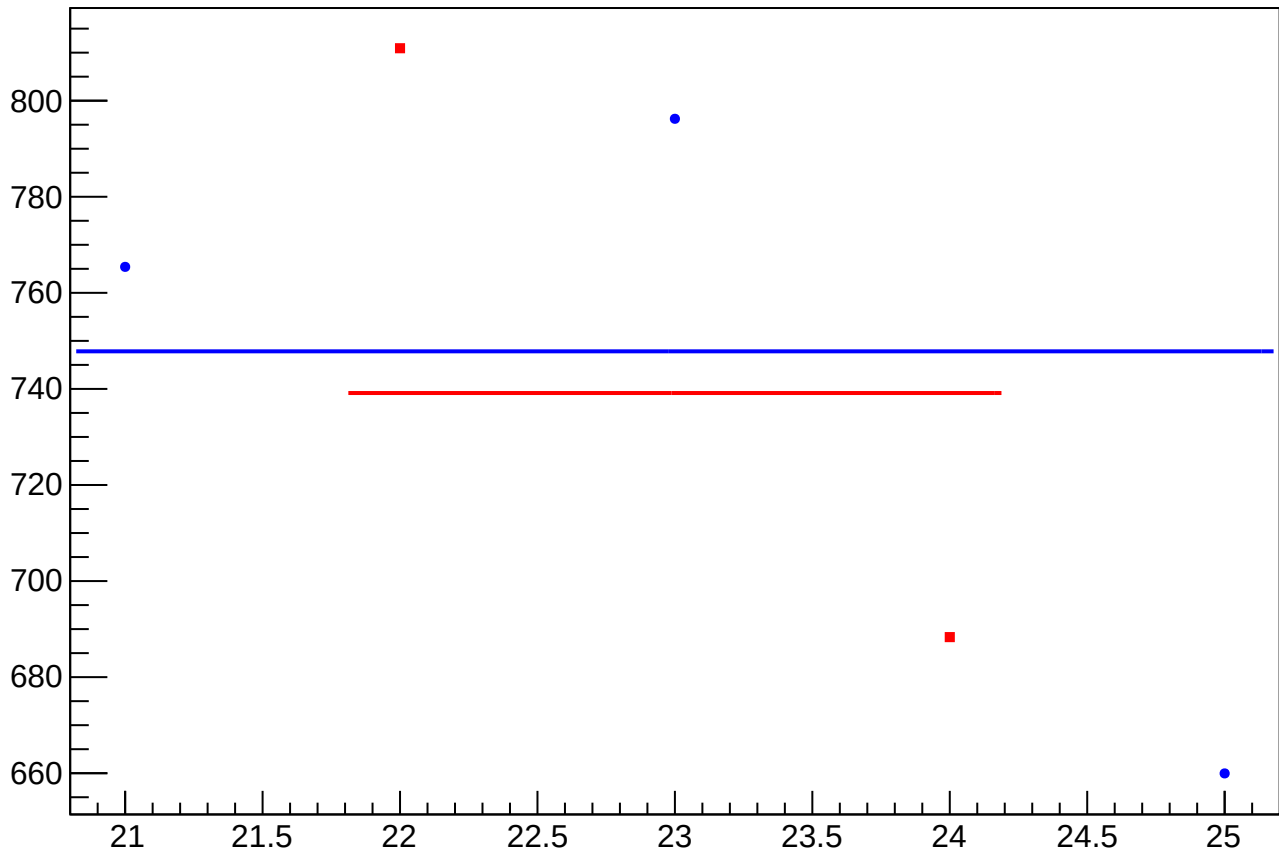
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

261.685+/-465.290 χ^2/NDF : 2.7/4

Right Out: -140.141+/-676.220 χ^2/NDF : 0.0/1

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

asym_left_agg_avg_rms vs slug



Right In: 747.824 $\pm$ 0.453 χ^2 /NDF: 13072.0/2

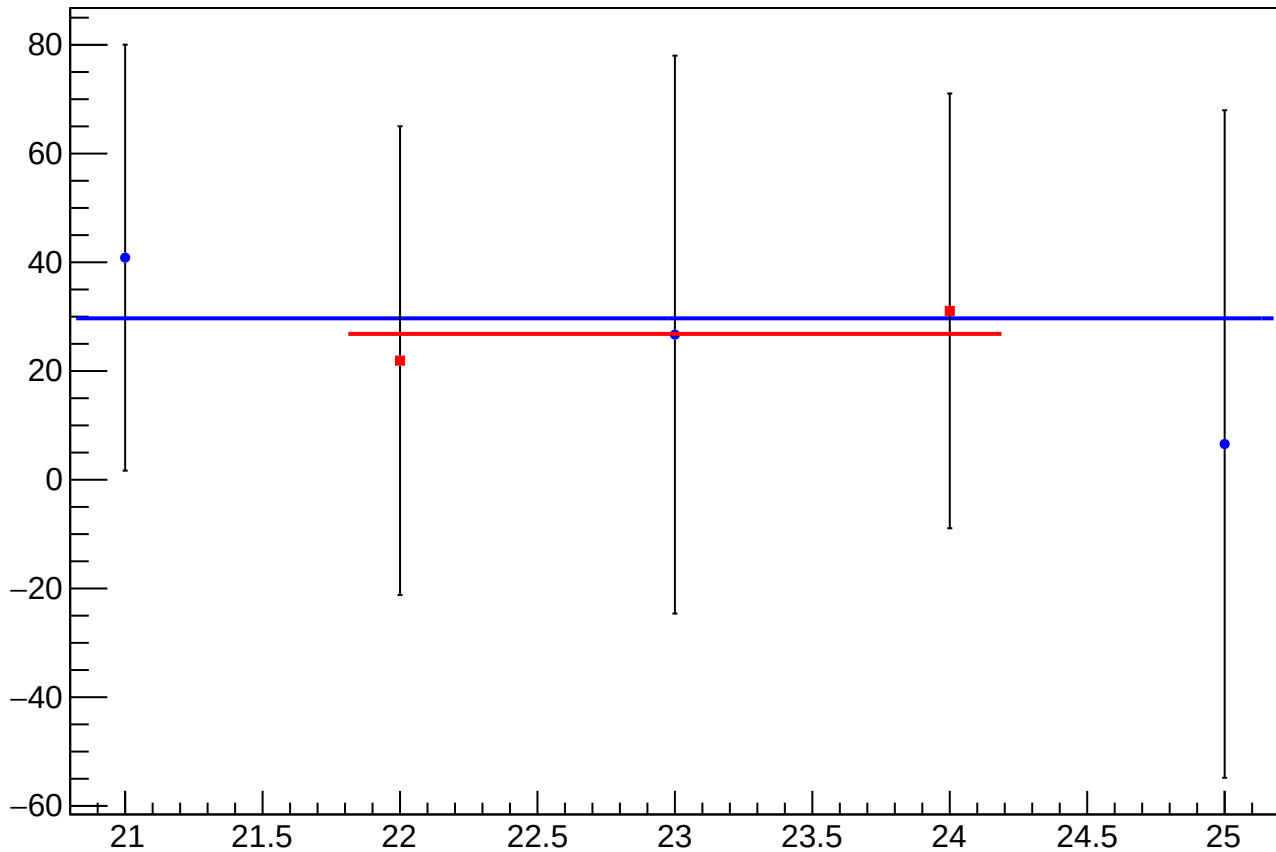
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

743.715 $\pm$ 0.329 χ^2 /NDF: 29196.2/4

Right Out: 739.145 $\pm$ 0.478 χ^2 /NDF: 15950.7/1

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

asym_left_agg_dd_mean vs slug



Right In: 29.692+/-27.772 χ^2/NDF : 0.2/2

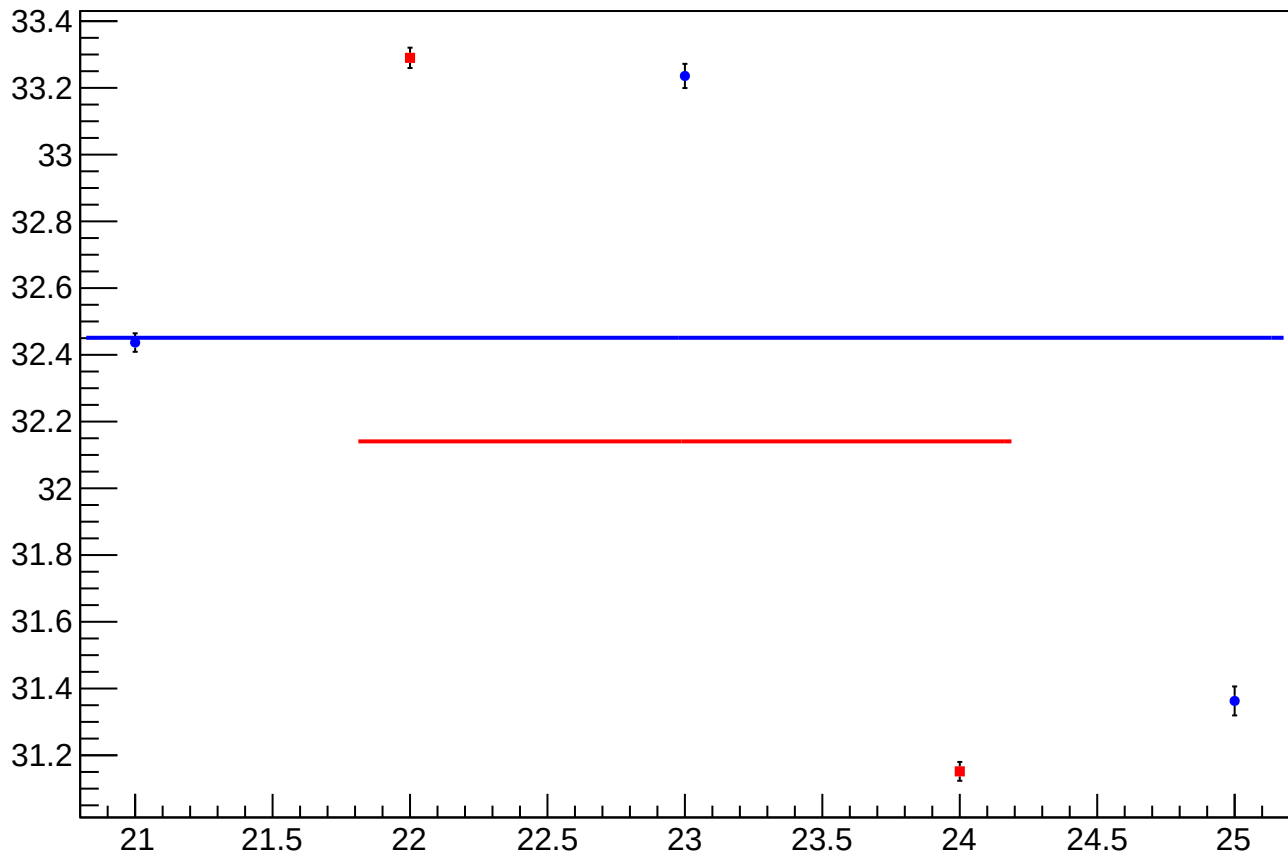
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

28.341+/-20.161 χ^2/NDF : 0.3/4

Right Out: 26.834+/-29.316 χ^2/NDF : 0.0/1

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

asym_left_agg_dd_rms vs slug



Right In: 32.451+/-0.020 χ^2 /NDF: 1096.4/2

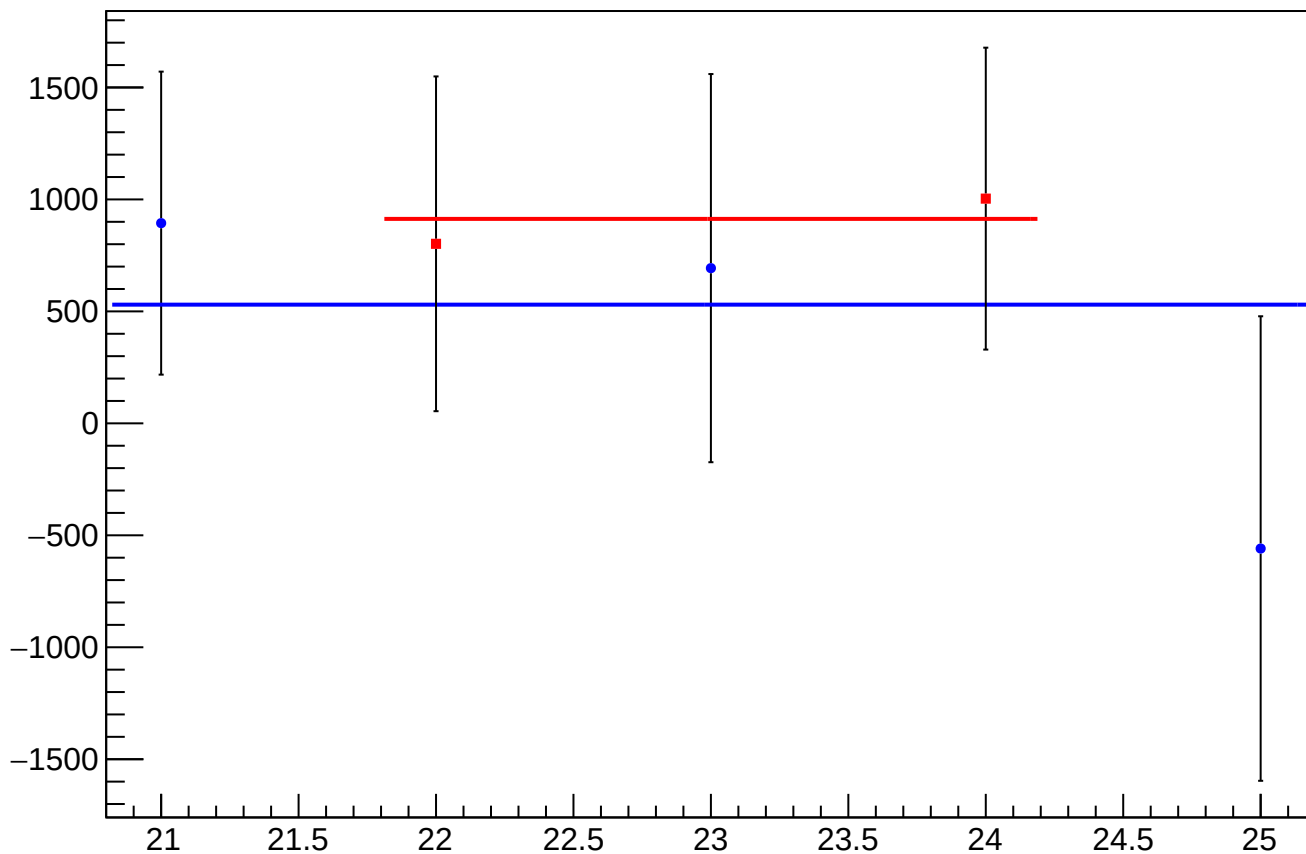
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

32.304+/-0.014 χ^2 /NDF: 3859.7/4

Right Out: 32.141+/-0.021 χ^2 /NDF: 2645.1/1

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

asym_right_agg_avg_mean vs slug



Right In: 530.060 $\pm$ 474.314 χ^2 /NDF: 1.4/2

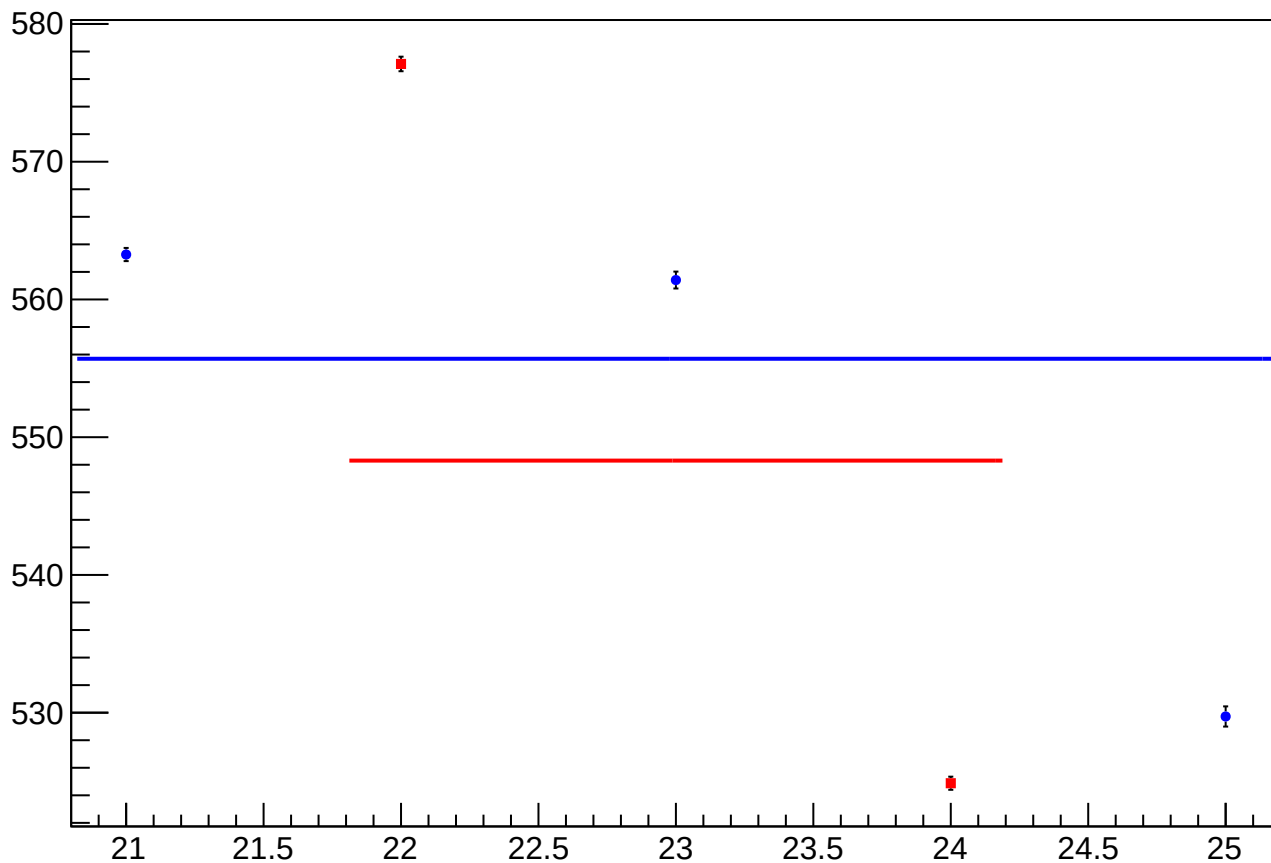
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 913.038 $\pm$ 500.628 χ^2 /NDF: 0.0/1

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

711.220 $\pm$ 344.318 χ^2 /NDF: 1.8/4

asym_right_agg_avg_rms vs slug



Right In: 555.694 $\pm$ 0.335 χ^2 /NDF: 1590.9/2

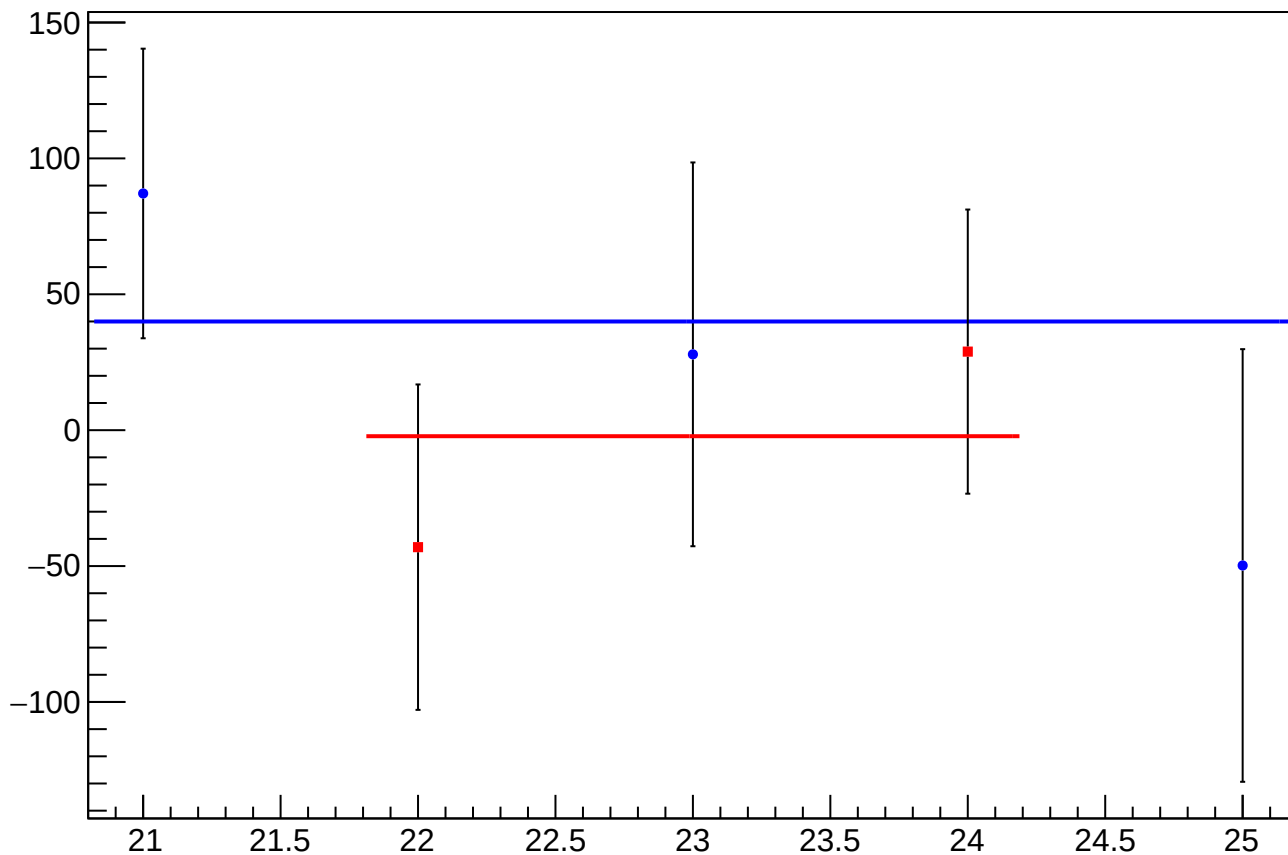
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 548.301 $\pm$ 0.354 χ^2 /NDF: 5382.5/1

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

552.197 $\pm$ 0.243 χ^2 /NDF: 7203.3/4

asym_right_agg_dd_mean vs slug



Right In: 39.990 $\pm$ 37.510 χ^2 /NDF: 2.1/2

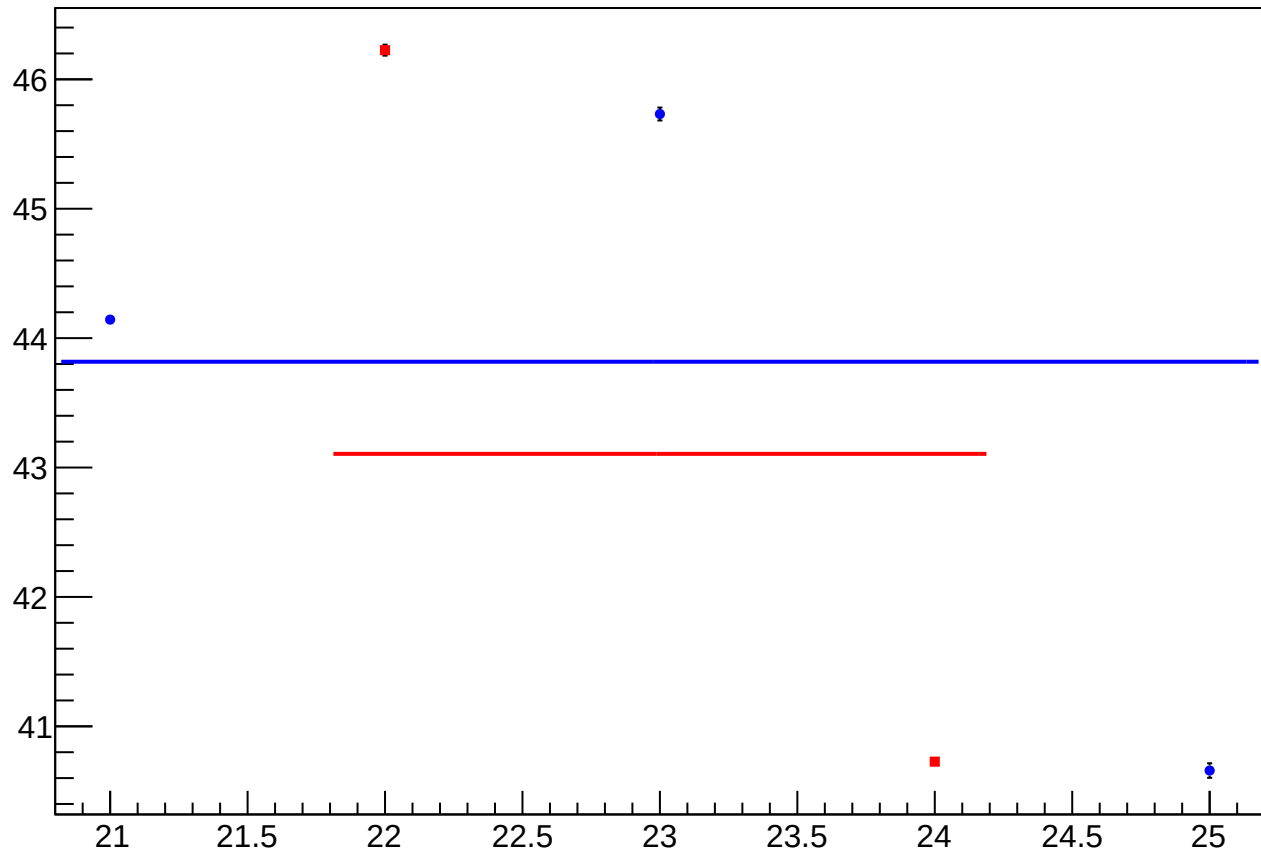
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.218 $\pm$ 39.375 χ^2 /NDF: 0.8/1

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

19.909 $\pm$ 27.159 χ^2 /NDF: 3.5/4

asym_right_agg_dd_rms vs slug



Right In: 43.818 $\pm$ 0.027 χ^2 /NDF: 4695.6/2

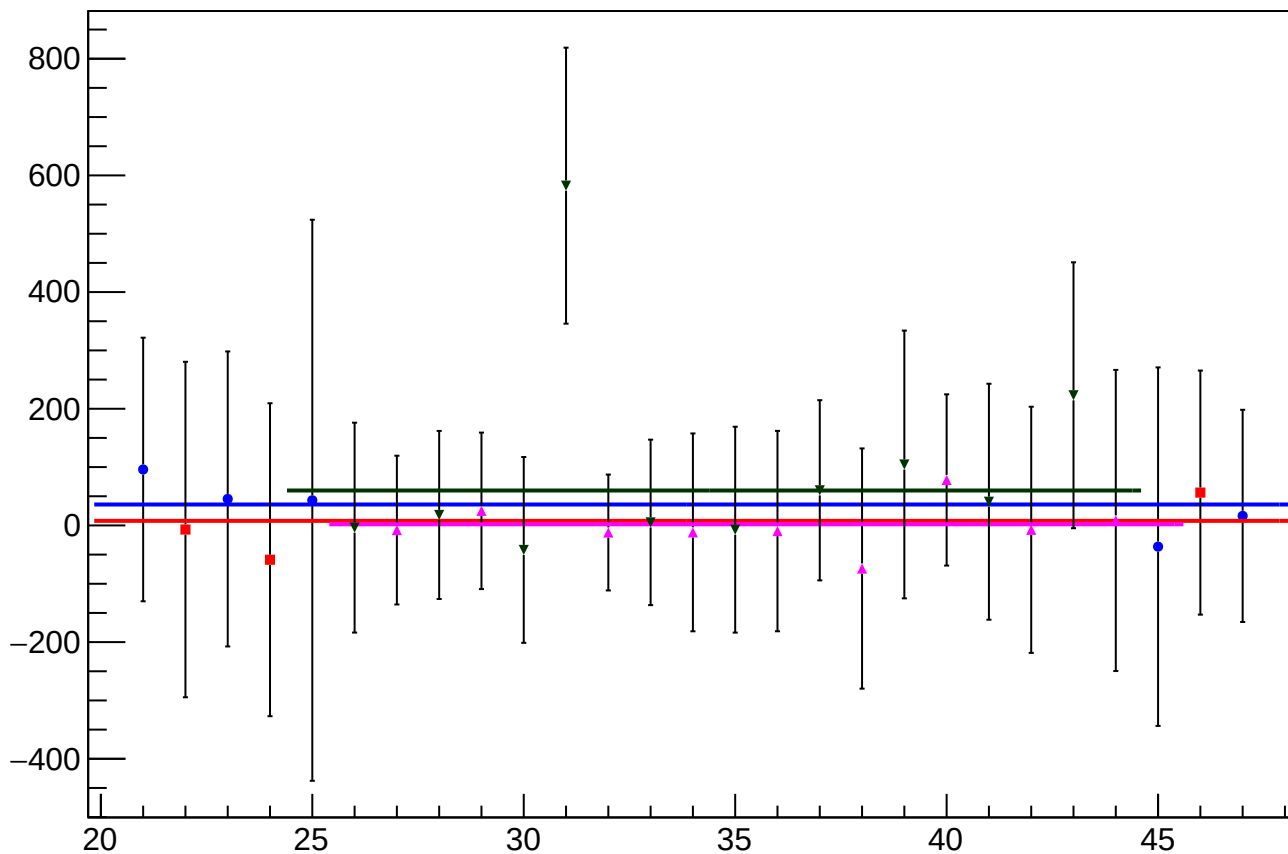
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 43.106 $\pm$ 0.028 χ^2 /NDF: 9573.0/1

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

43.479 $\pm$ 0.019 χ^2 /NDF: 14611.3/4

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 35.890+/-111.537 χ^2/NDF : 0.1/4

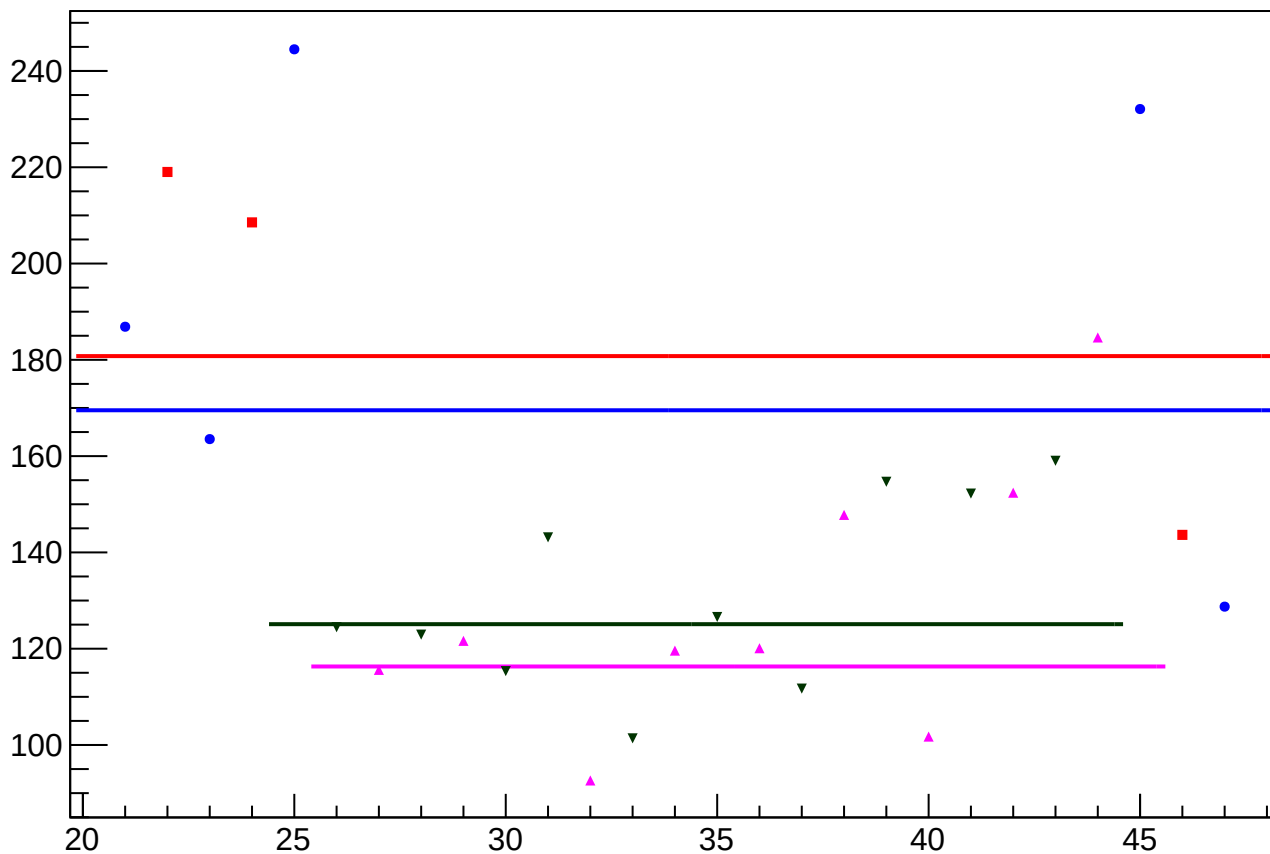
Left Out: 59.870+/-55.655 χ^2/NDF : 6.4/9

27.584+/-34.366 χ^2/NDF : 7.7/26

Right Out: 7.841+/-143.076 χ^2/NDF : 0.1/2

Left In: 1.923+/-50.339 χ^2/NDF : 0.5/8

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 169.524 $\pm$ 0.079 χ^2 /NDF: 245079.6/4

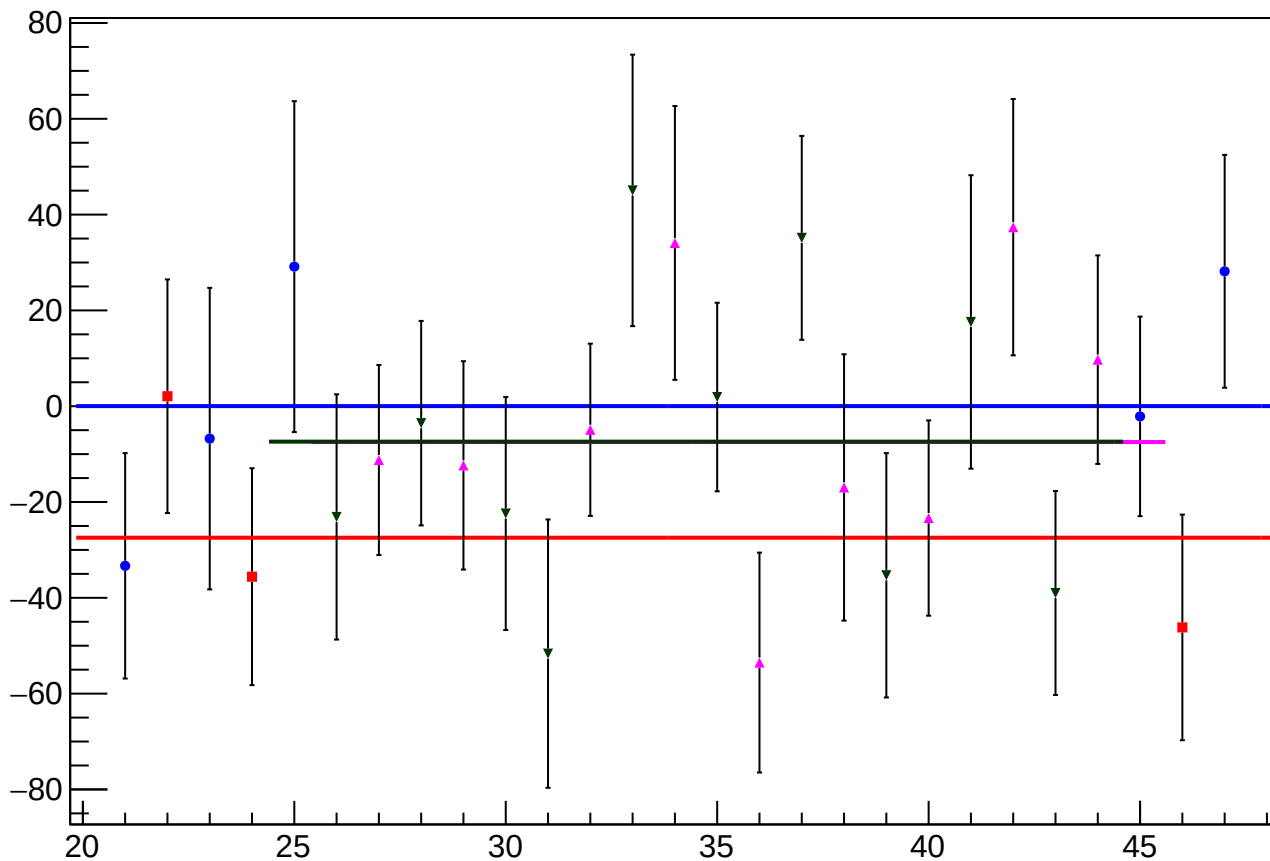
Left Out: 125.094 $\pm$ 0.039 χ^2 /NDF: 204235.7/9

Right Out: 180.776 $\pm$ 0.101 χ^2 /NDF: 119860.7/2

Left In: 116.306 $\pm$ 0.036 χ^2 /NDF: 383847.2/8

128.429 $\pm$ 0.024 χ^2 /NDF: 1615413.3/26

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: 0.022 ± 11.433 $\chi^2/\text{NDF}: 4.1/4$

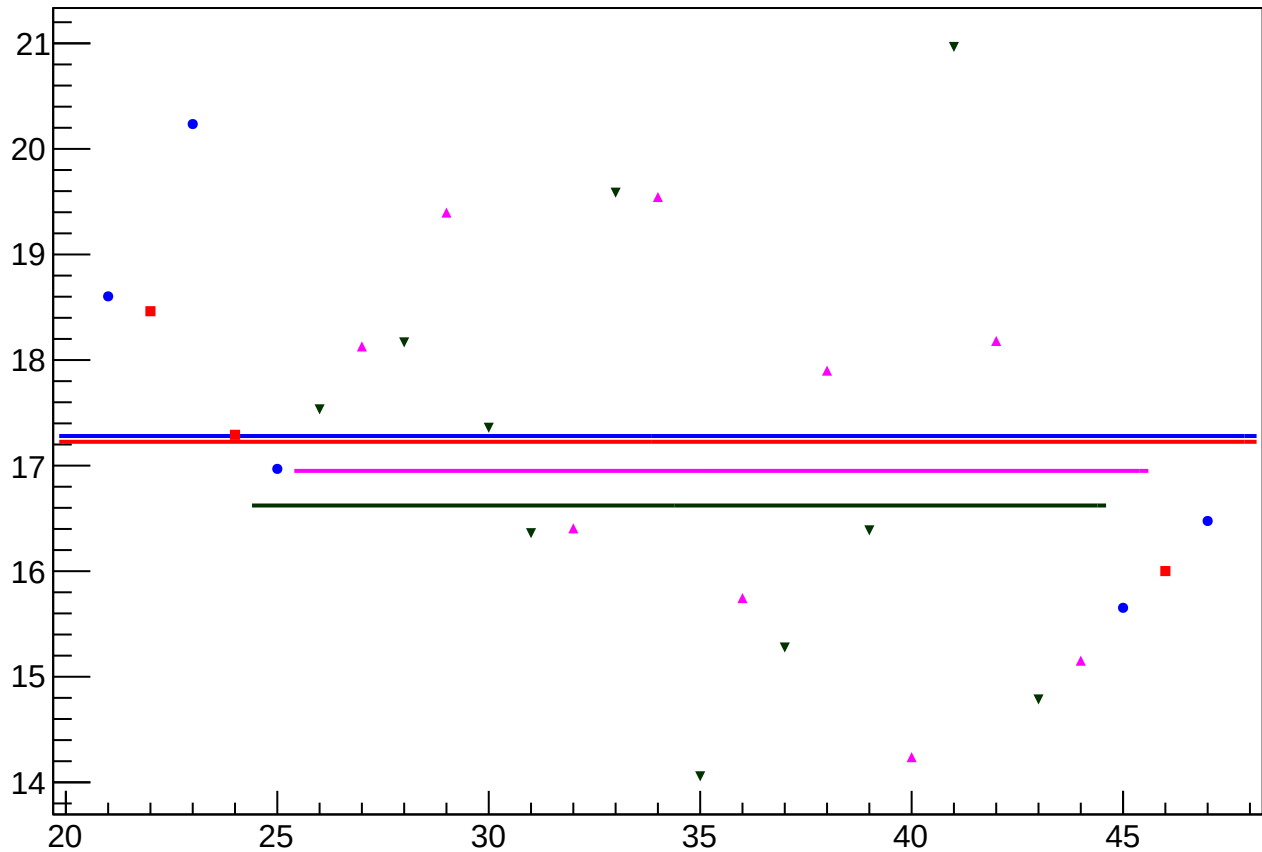
Left Out: -7.396 ± 7.553 $\chi^2/\text{NDF}: 15.0/9$

Right Out: -27.451 ± 13.564 $\chi^2/\text{NDF}: 2.2/2$

Left In: -7.478 ± 7.436 $\chi^2/\text{NDF}: 10.4/8$

-8.499 ± 4.531 $\chi^2/\text{NDF}: 34.3/26$

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.280 ± 0.008 χ^2/NDF : 38504.7/4

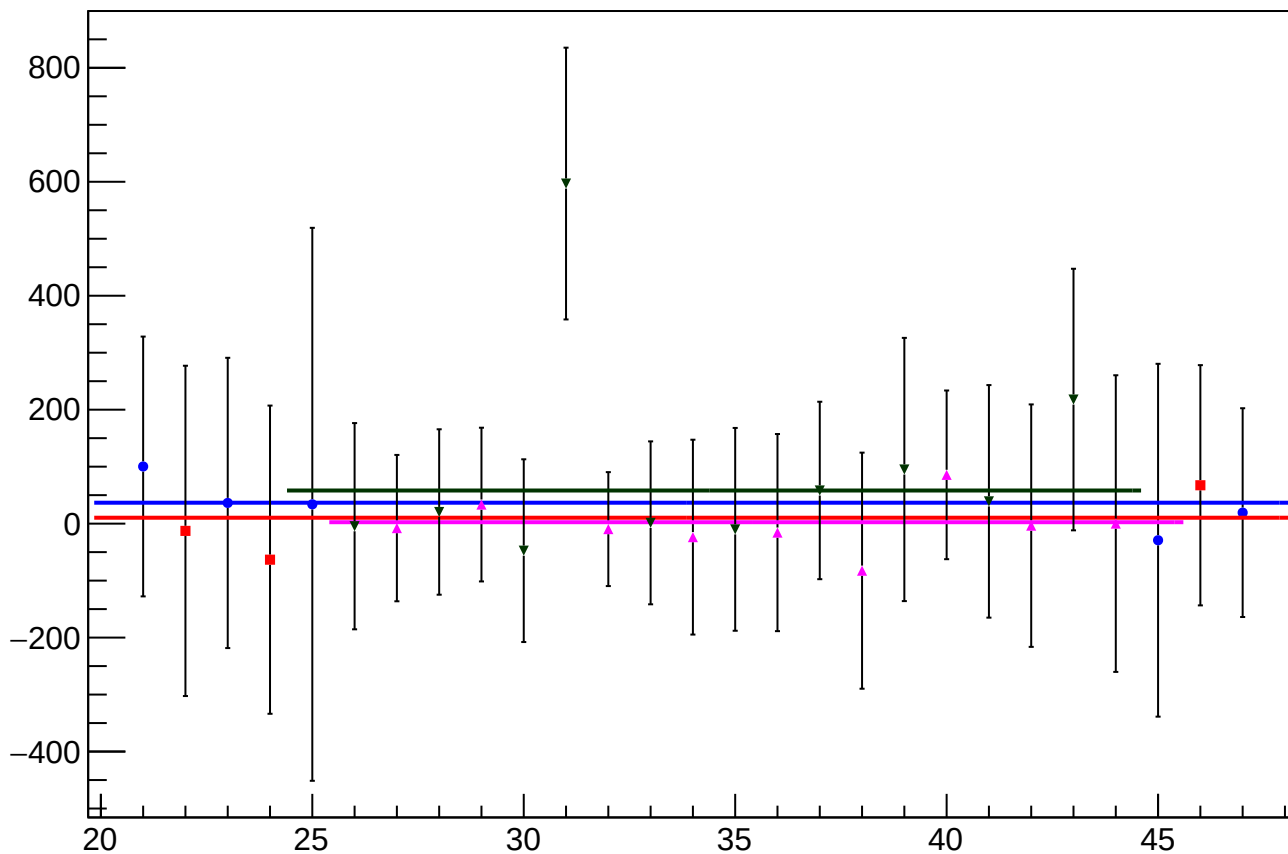
Left Out: 16.622 ± 0.005 χ^2/NDF : 134157.6/9

Right Out: 17.226 ± 0.010 χ^2/NDF : 10567.6/2

Left In: 16.950 ± 0.005 χ^2/NDF : 111827.8/8

16.915 ± 0.003 χ^2/NDF : 301199.2/26

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 36.724+/-112.424 χ^2/NDF : 0.1/4

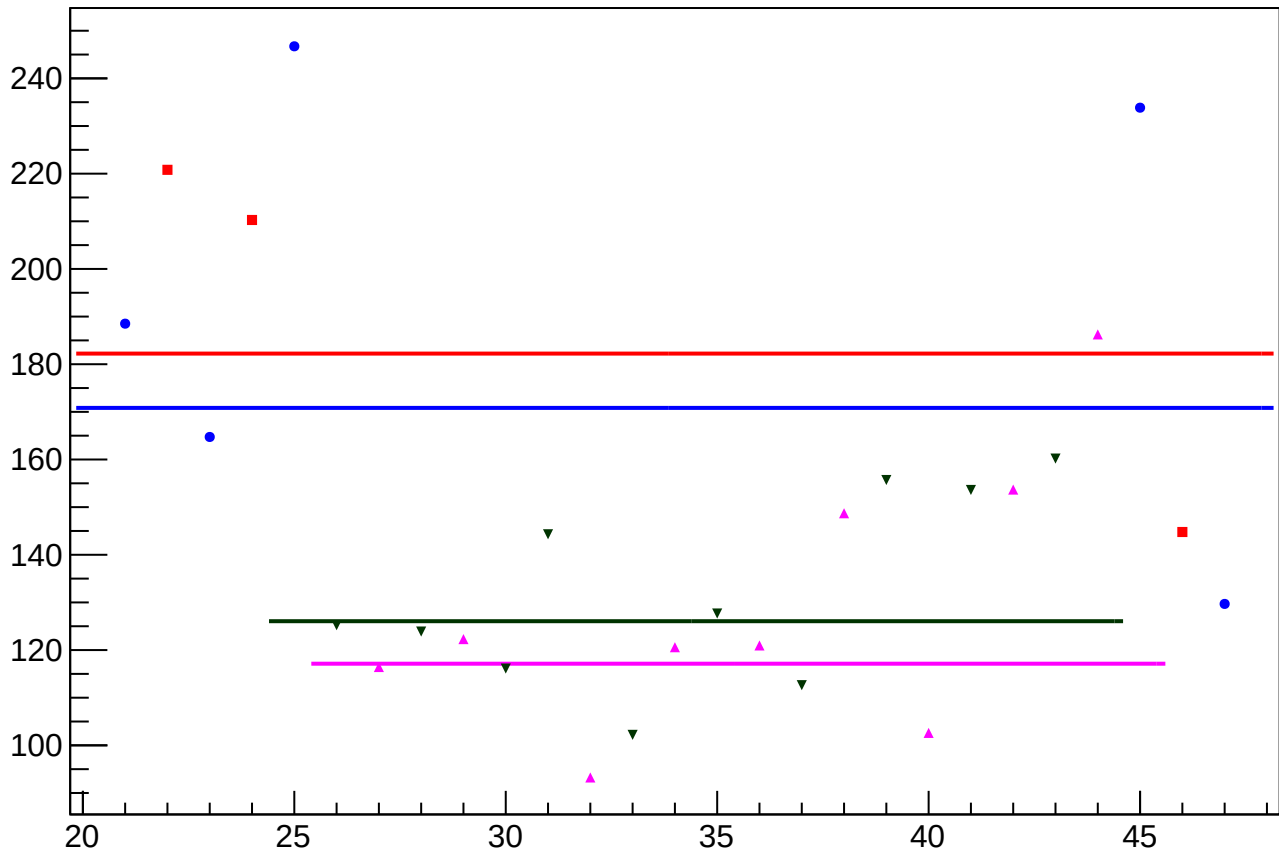
Left Out: 58.156+/-56.085 χ^2/NDF : 6.5/9

27.420+/-34.625 χ^2/NDF : 8.0/26

Right Out: 10.381+/-144.231 χ^2/NDF : 0.2/2

Left In: 2.514+/-50.703 χ^2/NDF : 0.6/8

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 170.833+/-0.079 χ^2/NDF : 245806.1/4

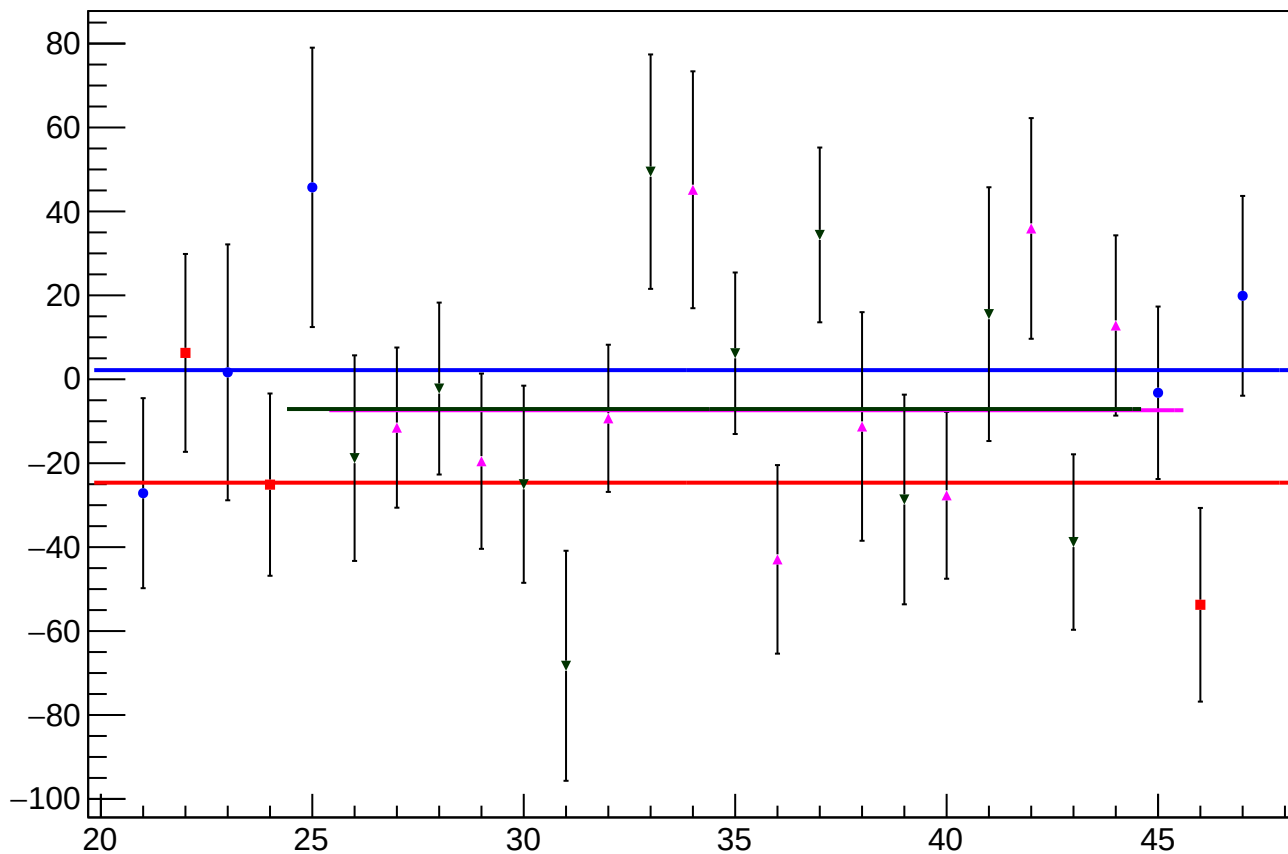
Left Out: 126.059+/-0.040 χ^2/NDF : 204192.9/9

Right Out: 182.232+/-0.102 χ^2/NDF : 120026.5/2

Left In: 117.138+/-0.036 χ^2/NDF : 384599.1/8

129.383+/-0.024 χ^2/NDF : 1618703.7/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: 2.180+/-11.138 χ^2/NDF : 4.0/4

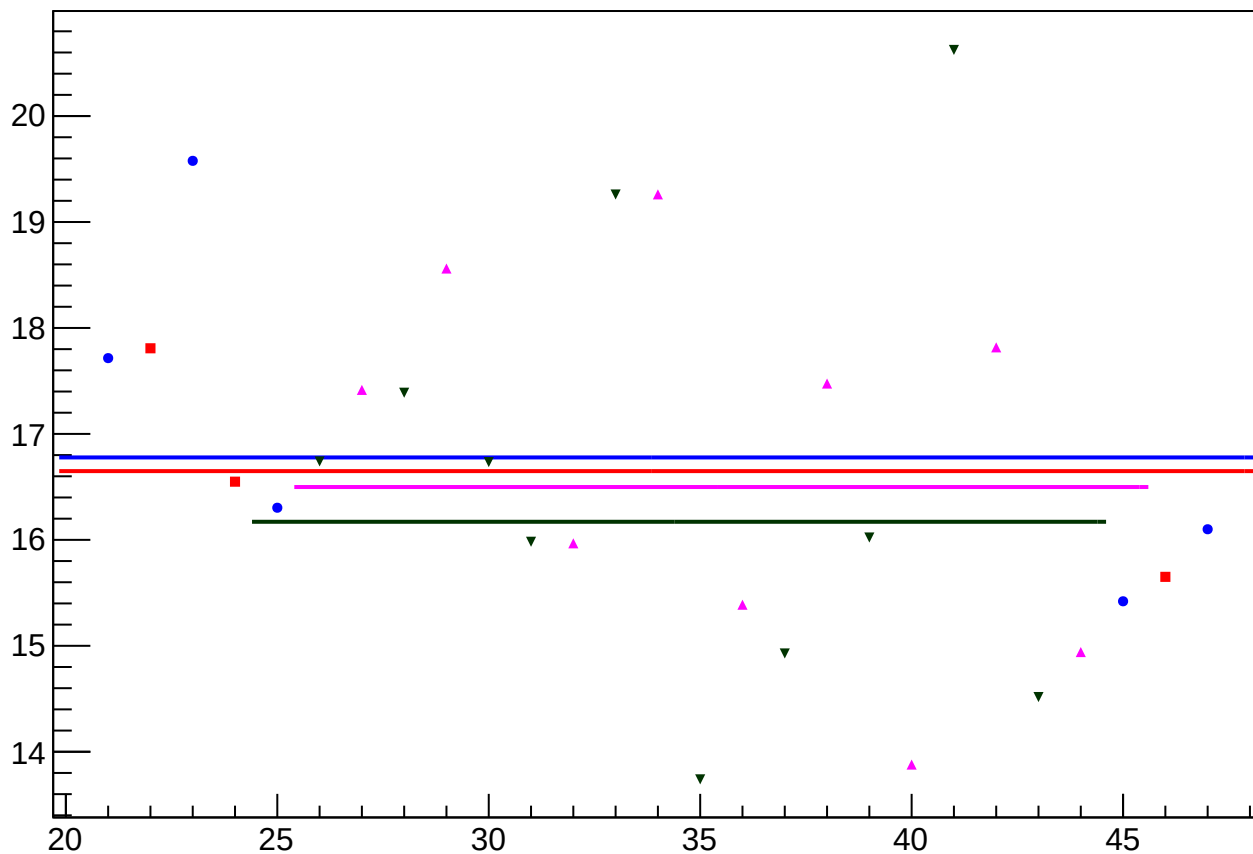
Left Out: -7.091+/-7.359 χ^2/NDF : 18.0/9

Right Out: -24.640+/-13.134 χ^2/NDF : 3.3/2

Left In: -7.378+/-7.251 χ^2/NDF : 11.0/8

-7.723+/-4.413 χ^2/NDF : 38.8/26

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 16.778 ± 0.008 χ^2/NDF : 31046.0/4

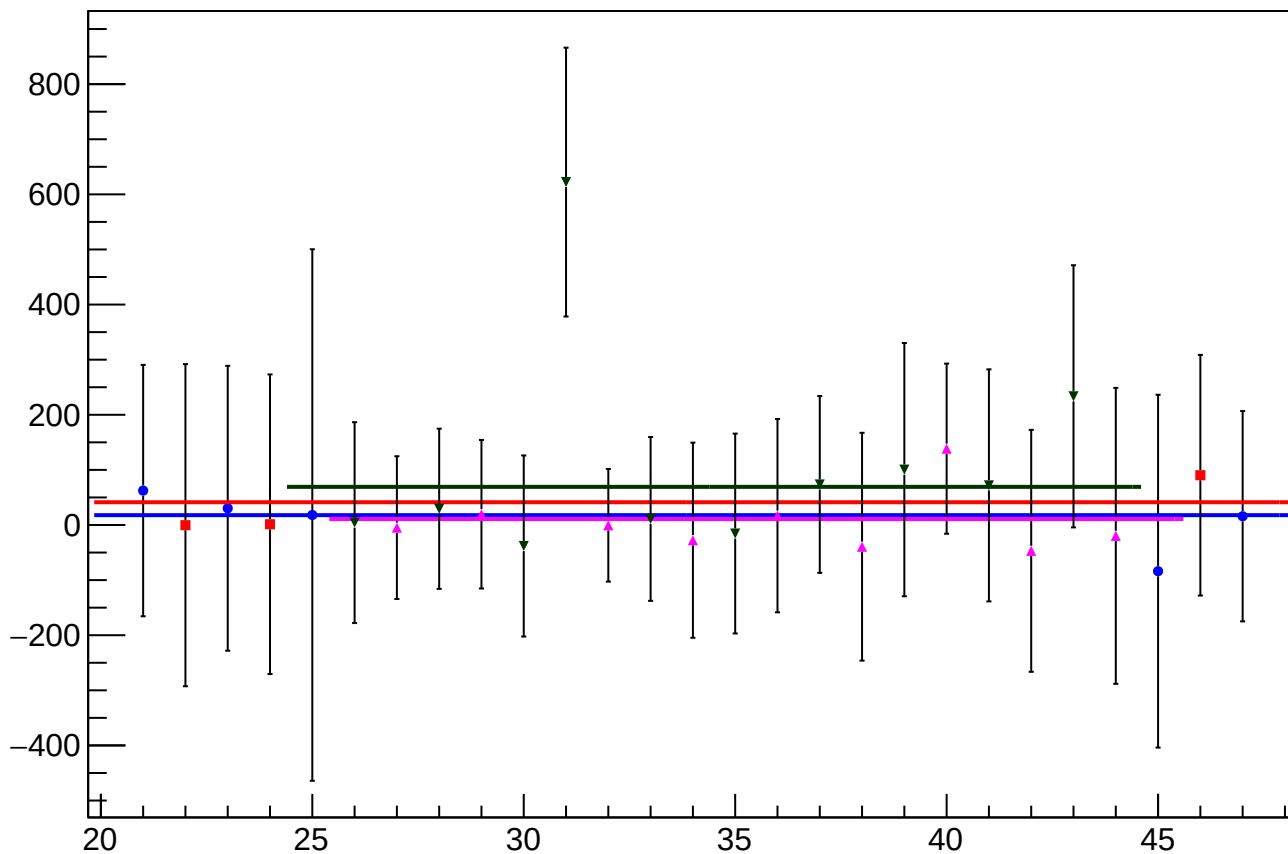
Left Out: 16.171 ± 0.005 χ^2/NDF : 128877.5/9

Right Out: 16.649 ± 0.009 χ^2/NDF : 8617.5/2

Left In: 16.499 ± 0.005 χ^2/NDF : 102844.5/8

16.442 ± 0.003 χ^2/NDF : 276541.7/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 17.855+/-114.928 χ^2/NDF : 0.1/4

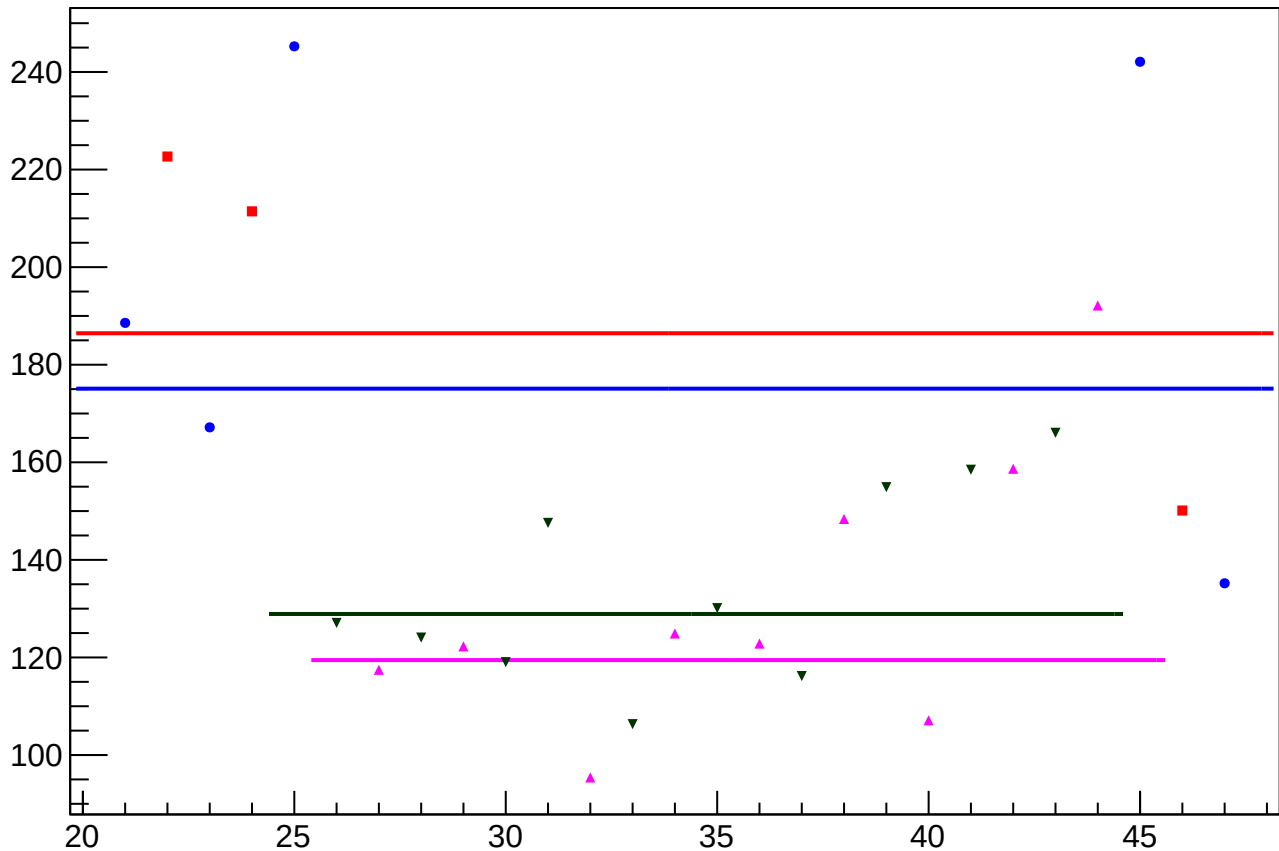
Left Out: 69.226+/-57.264 χ^2/NDF : 6.6/9

Right Out: 41.315+/-147.114 χ^2/NDF : 0.1/2

Left In: 10.837+/-51.660 χ^2/NDF : 0.9/8

35.471+/-35.321 χ^2/NDF : 8.4/26

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 175.095+/-0.081 χ^2/NDF : 226213.8/4

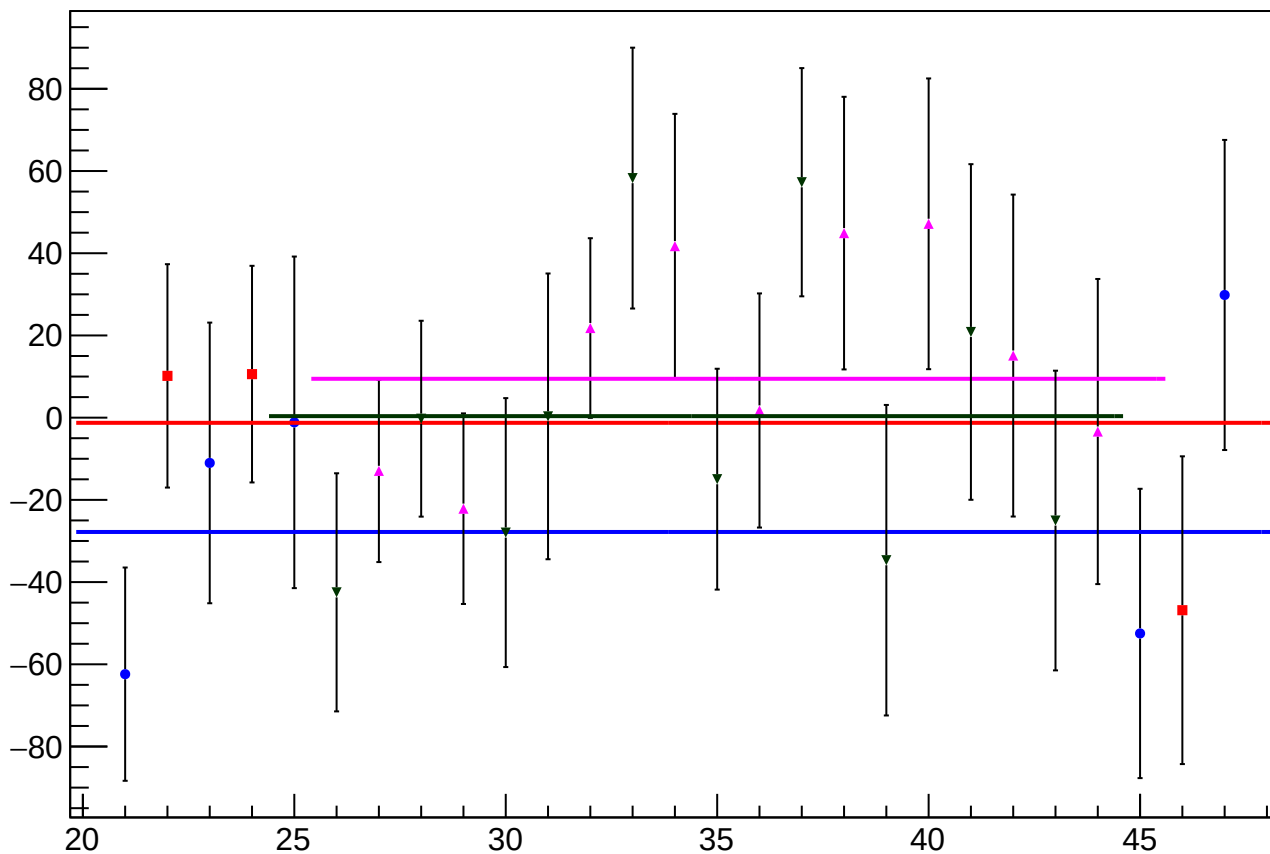
Left Out: 128.912+/-0.040 χ^2/NDF : 193953.6/9

Right Out: 186.450+/-0.104 χ^2/NDF : 102991.3/2

Left In: 119.459+/-0.037 χ^2/NDF : 376971.9/8

132.172+/-0.025 χ^2/NDF : 1578964.7/26

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -27.807 $\pm$ 14.959 χ^2 /NDF: 5.3/4

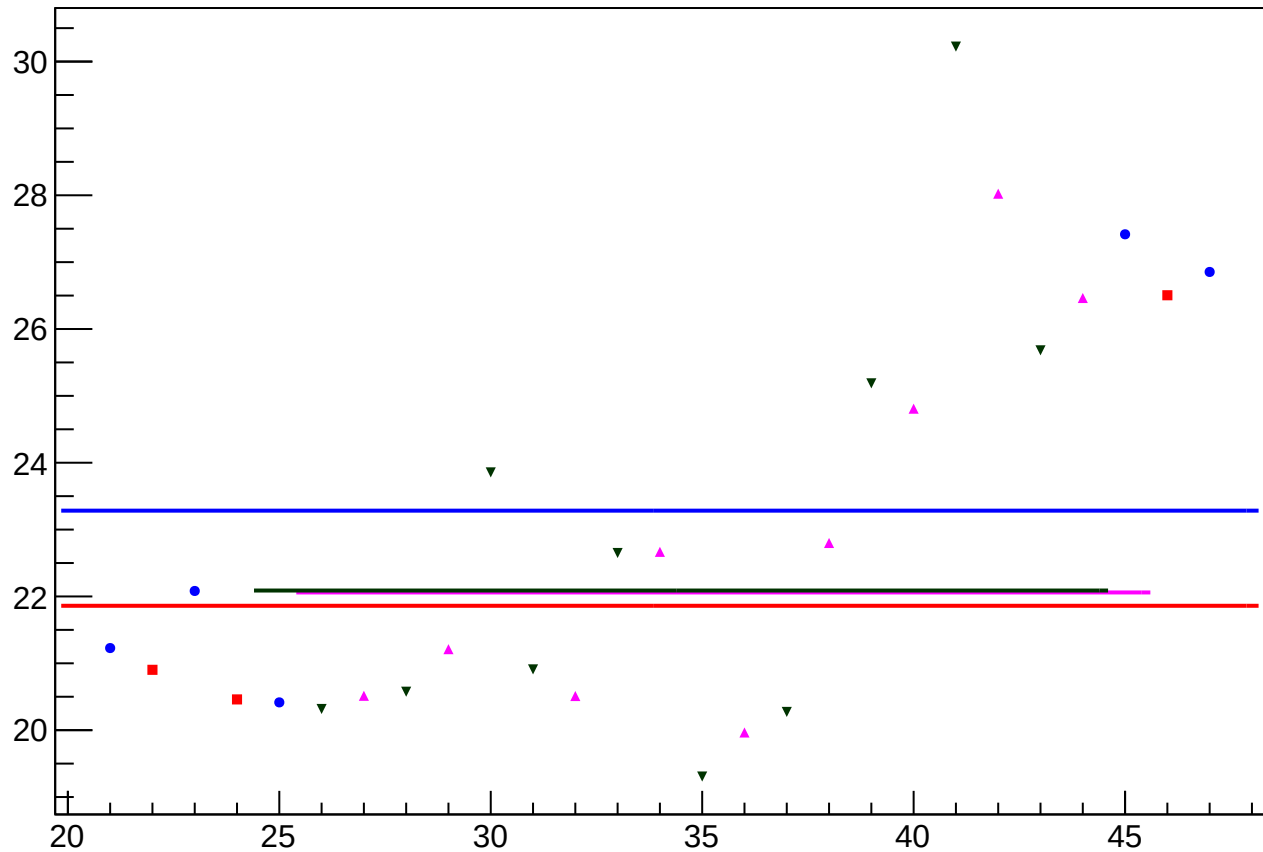
Left Out: 0.371 $\pm$ 9.784 χ^2 /NDF:12.4/9

Right Out: -1.255 $\pm$ 16.883 χ^2 /NDF: 1.9/2

Left In: 9.455 $\pm$ 9.419 χ^2 /NDF:6.7/8

-0.613 $\pm$ 5.803 χ^2 /NDF: 30.7/26

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.283+/-0.011 χ^2/NDF : 70646.7/4

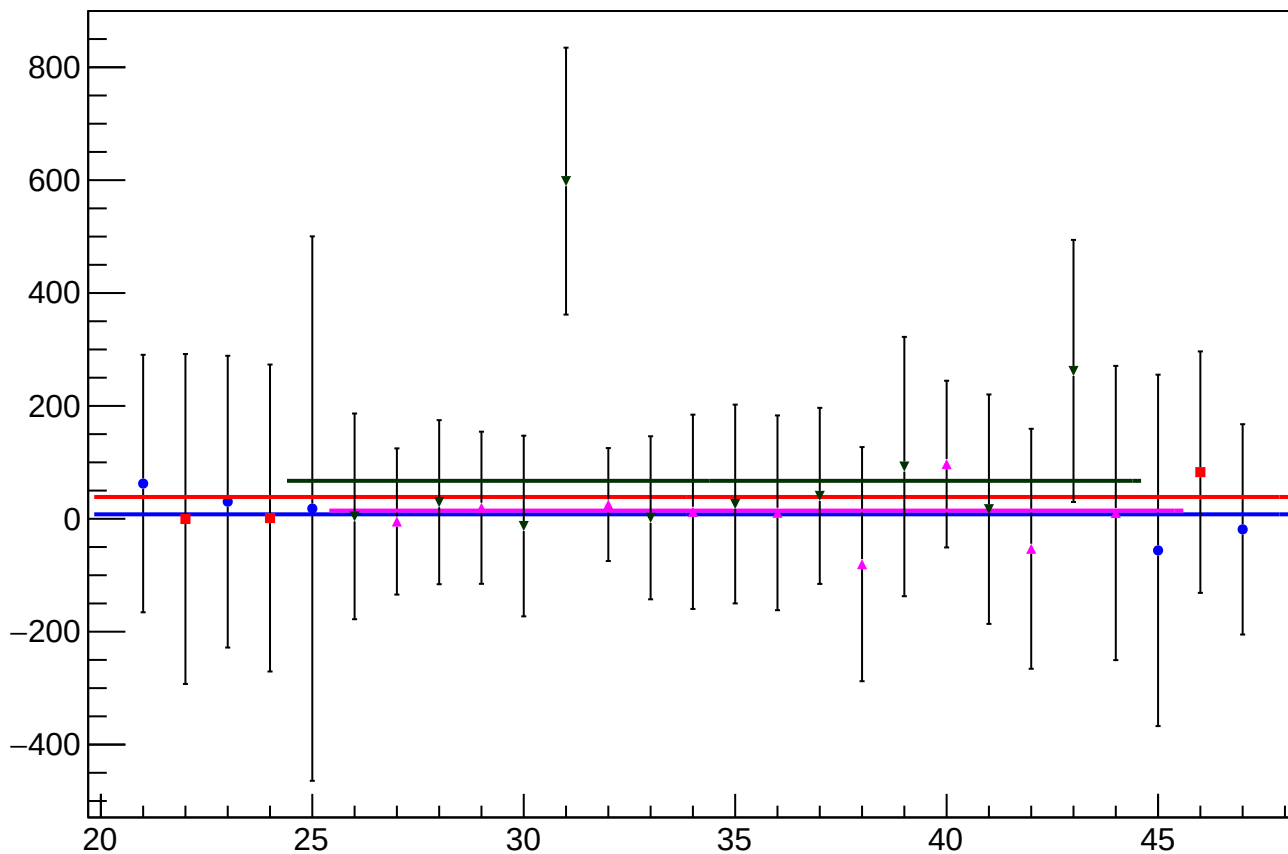
Left Out: 22.089+/-0.007 χ^2/NDF :166634.7/9

Right Out: 21.860+/-0.012 χ^2/NDF : 38920.1/2

Left In: 22.060+/-0.007 χ^2/NDF :121596.3/8

22.230+/-0.004 χ^2/NDF : 409742.9/26

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 7.939 ± 113.518 $\chi^2/\text{NDF}: 0.1/4$

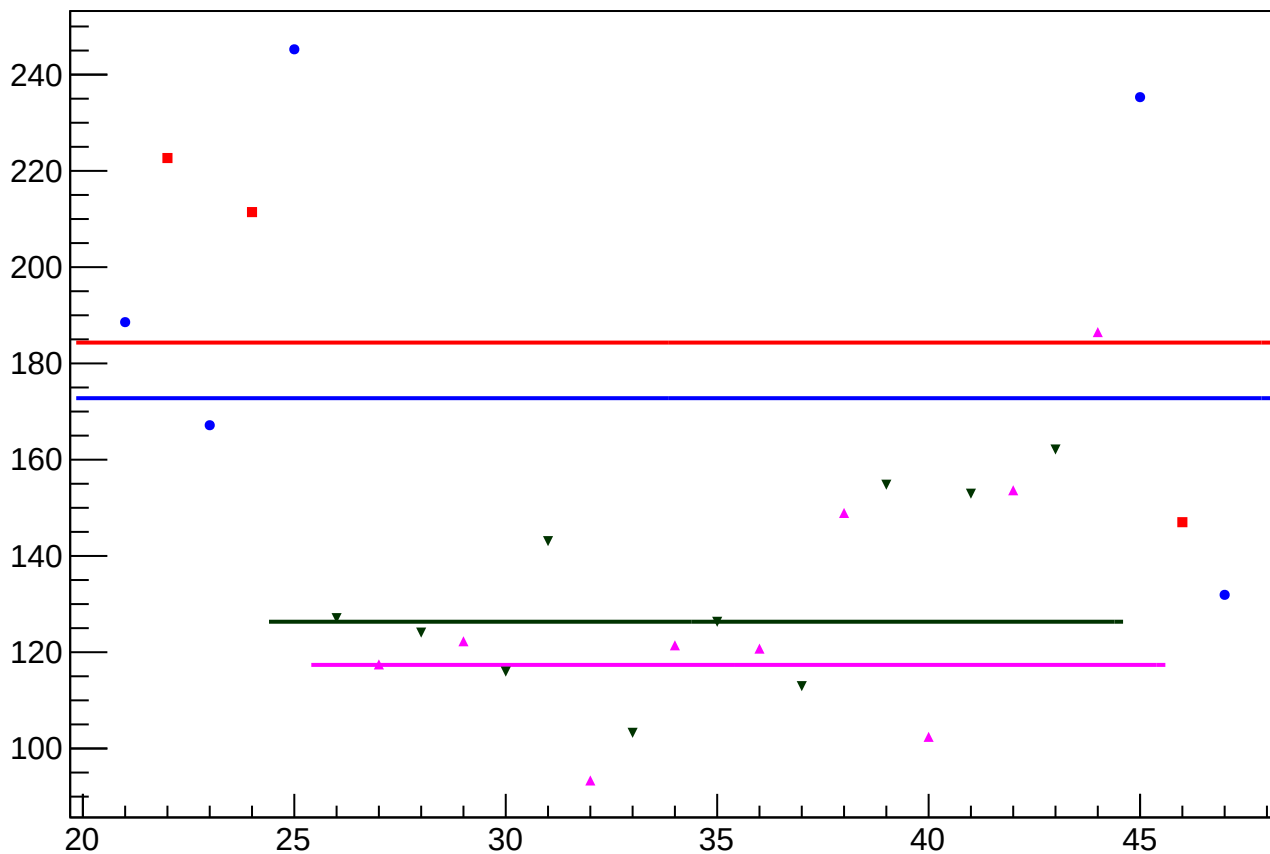
Left Out: 67.277 ± 56.136 $\chi^2/\text{NDF}: 6.5/9$

35.469 ± 34.715 $\chi^2/\text{NDF}: 8.0/26$

Right Out: 38.693 ± 145.726 $\chi^2/\text{NDF}: 0.1/2$

Left In: 14.555 ± 50.783 $\chi^2/\text{NDF}: 0.7/8$

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 172.778 $\pm$ 0.080 χ^2 /NDF: 232554.1/4

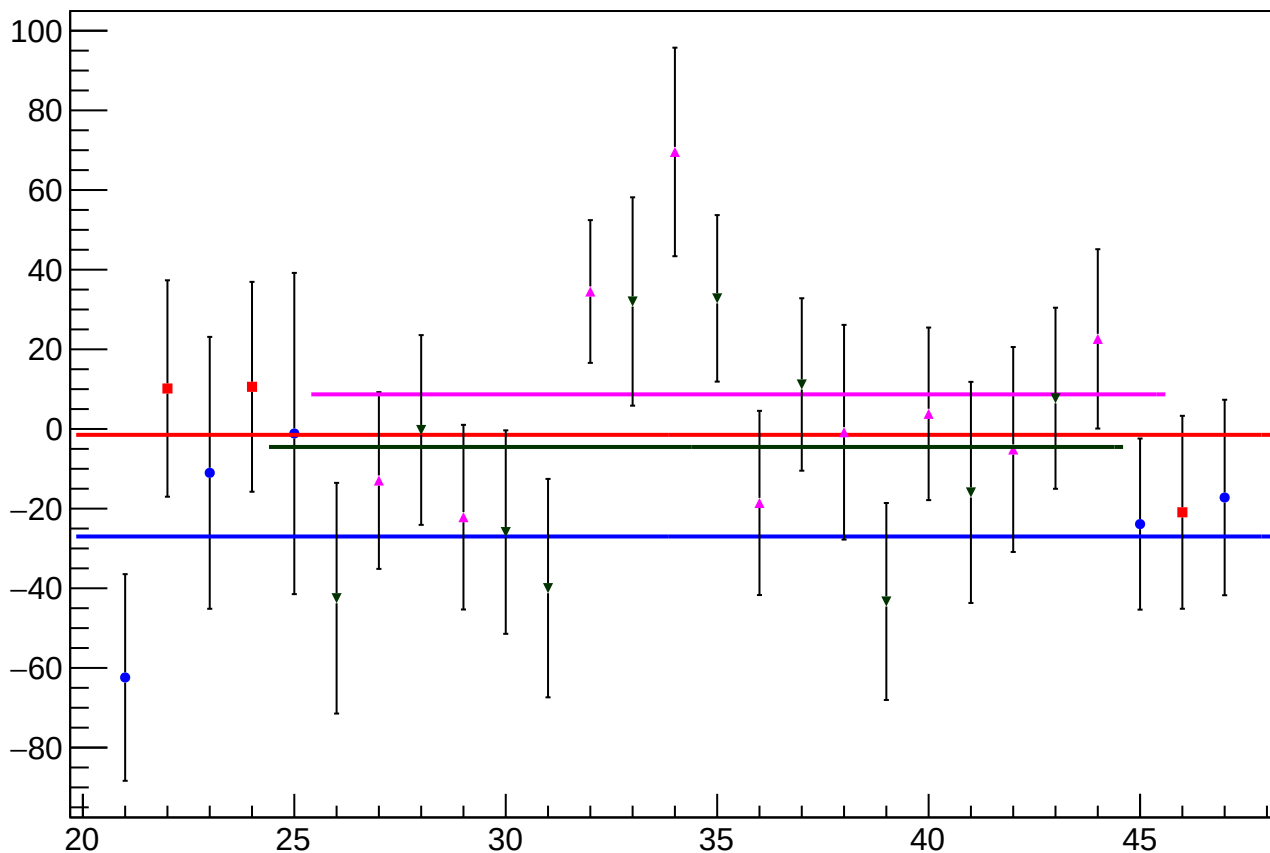
Left Out: 126.336 $\pm$ 0.040 χ^2 /NDF: 197187.1/9

Right Out: 184.329 $\pm$ 0.103 χ^2 /NDF: 115167.2/2

Left In: 117.366 $\pm$ 0.036 χ^2 /NDF: 385423.8/8

129.779 $\pm$ 0.025 χ^2 /NDF: 1624553.7/26

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -26.994 ± 12.140 $\chi^2/\text{NDF}: 2.7/4$

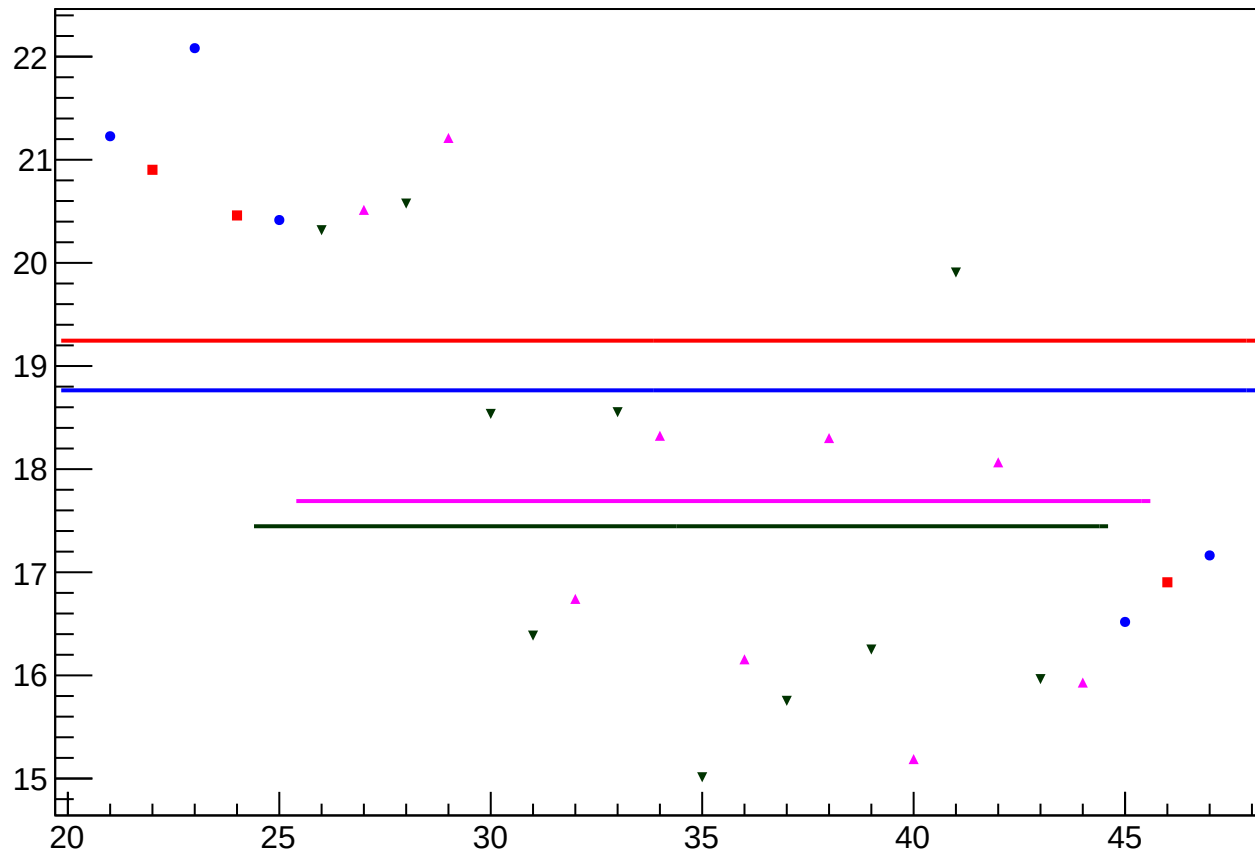
Left Out: -4.516 ± 7.770 $\chi^2/\text{NDF}: 12.7/9$

Right Out: -1.474 ± 14.909 $\chi^2/\text{NDF}: 1.0/2$

Left In: 8.691 ± 7.598 $\chi^2/\text{NDF}: 12.4/8$

-2.525 ± 4.705 $\chi^2/\text{NDF}: 35.2/26$

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 18.764+/-0.009 χ^2/NDF : 70650.9/4

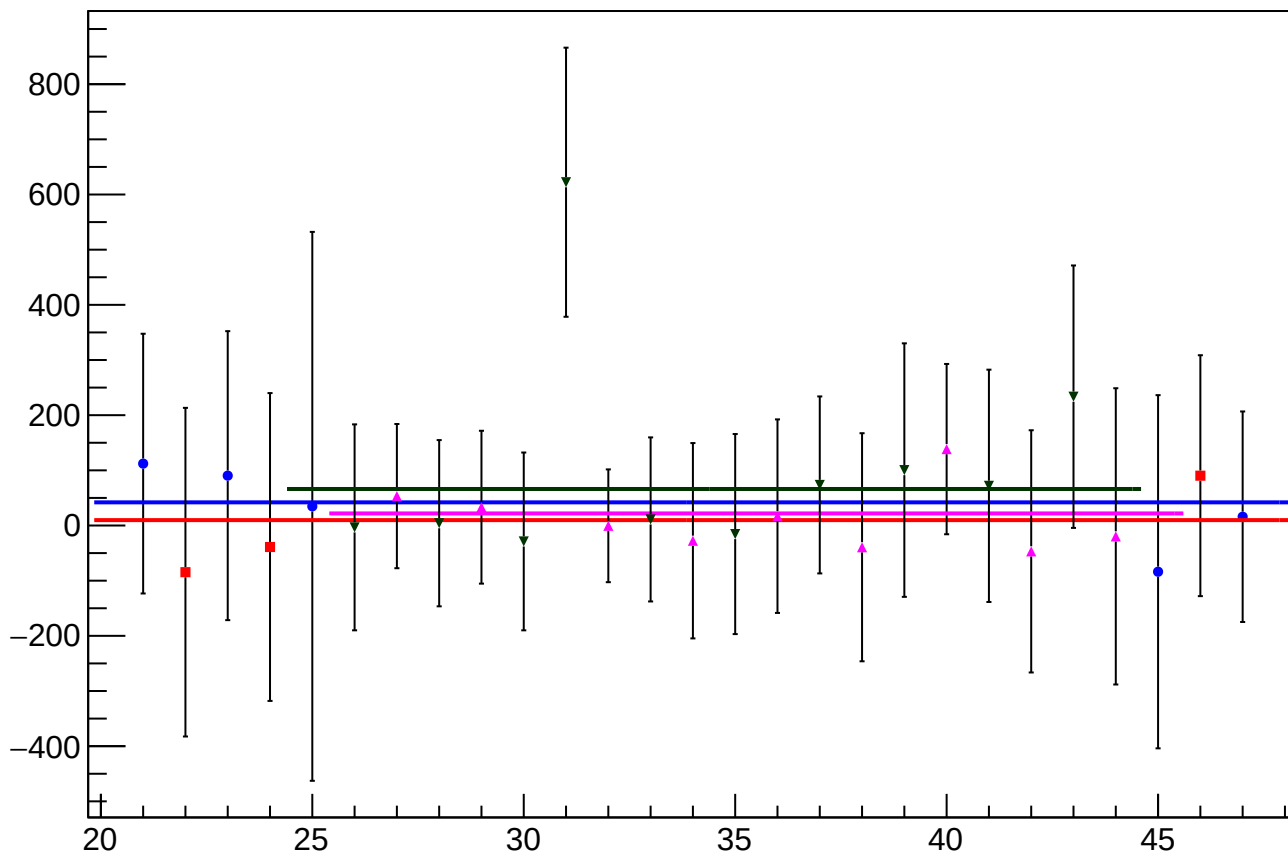
Left Out: 17.446+/-0.005 χ^2/NDF :132564.7/9

Right Out: 19.246+/-0.011 χ^2/NDF : 30394.1/2

Left In: 17.690+/-0.005 χ^2/NDF :134443.4/8

17.917+/-0.003 χ^2/NDF : 402805.8/26

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 41.978+/-116.339 χ^2/NDF : 0.3/4

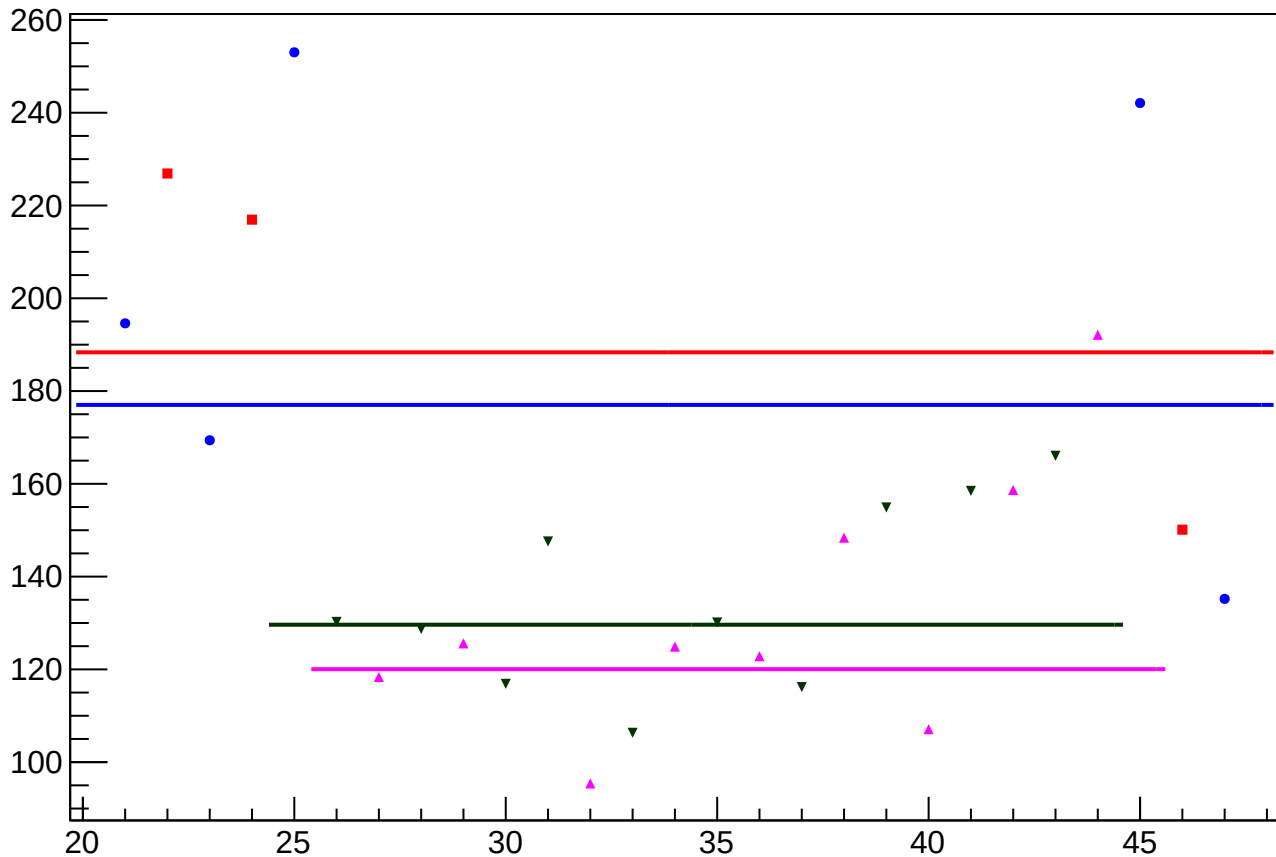
Left Out: 66.207+/-57.570 χ^2/NDF : 6.7/9

39.972+/-35.547 χ^2/NDF : 8.6/26

Right Out: 9.768+/-148.927 χ^2/NDF : 0.3/2

Left In: 21.892+/-51.940 χ^2/NDF : 1.0/8

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 177.014+/-0.082 χ^2/NDF : 238229.9/4

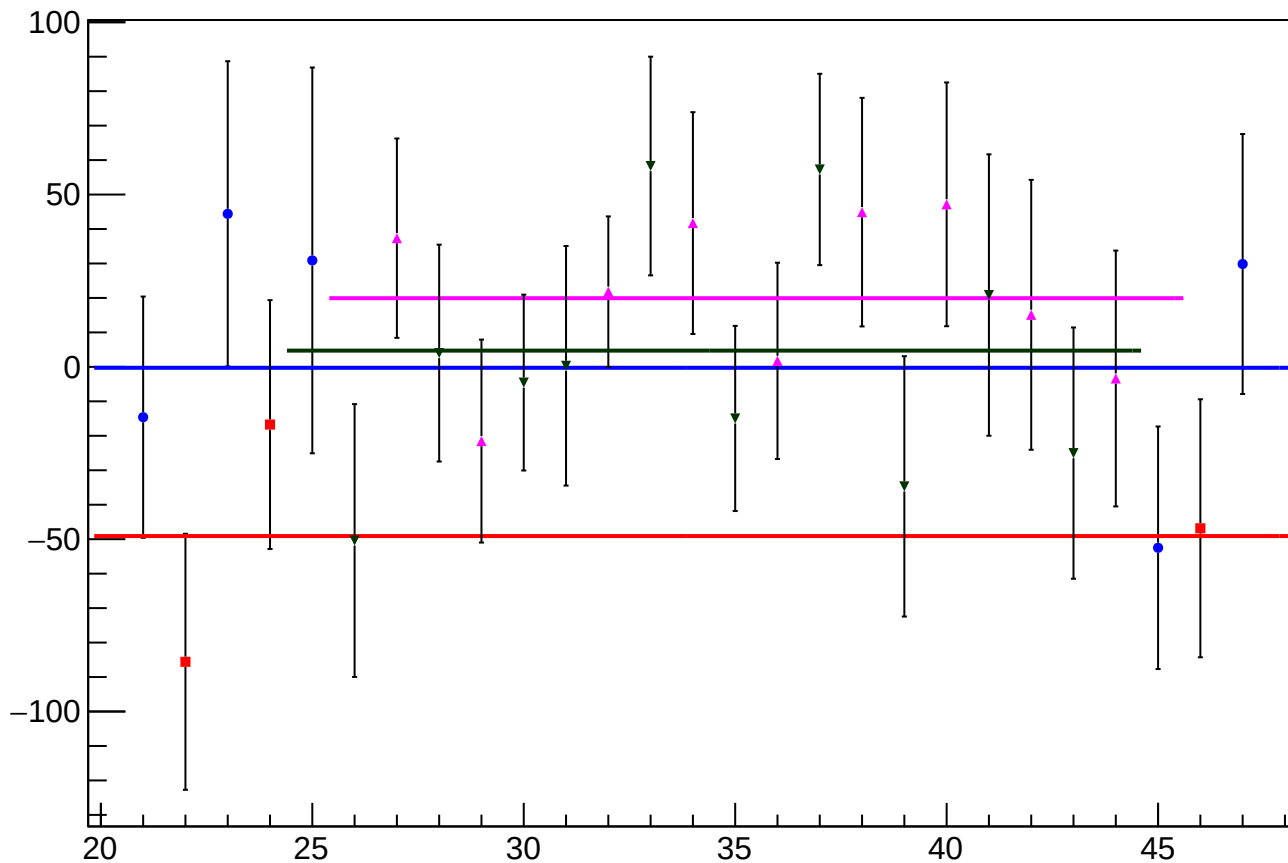
Left Out: 129.628+/-0.041 χ^2/NDF : 195251.2/9

Right Out: 188.349+/-0.105 χ^2/NDF : 115832.3/2

Left In: 120.050+/-0.037 χ^2/NDF : 379438.7/8

132.911+/-0.025 χ^2/NDF : 1622429.0/26

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -0.263 ± 17.800 $\chi^2/\text{NDF}: 4.3/4$

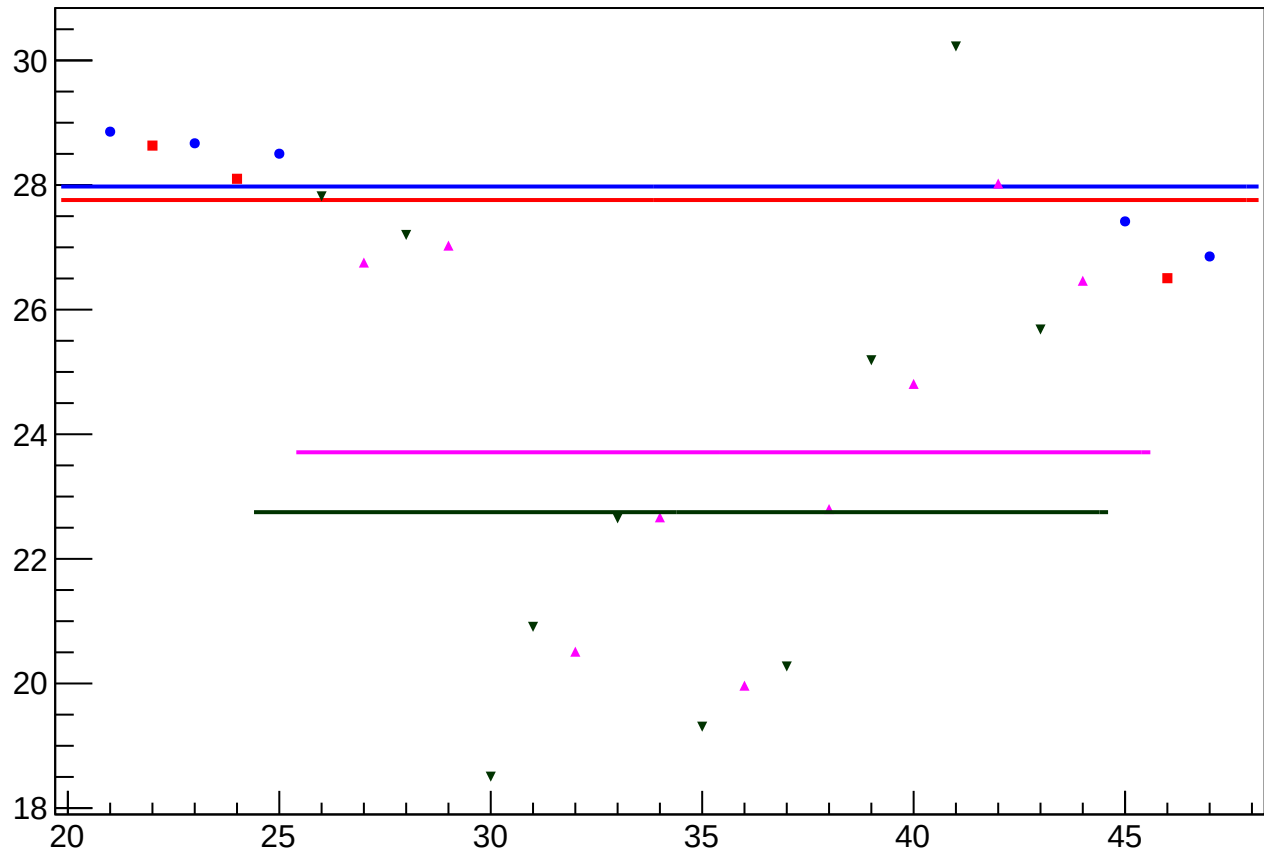
Left Out: 4.718 ± 10.131 $\chi^2/\text{NDF}: 11.0/9$

5.264 ± 6.345 $\chi^2/\text{NDF}: 30.6/26$

Right Out: -49.093 ± 21.291 $\chi^2/\text{NDF}: 1.8/2$

Left In: 19.927 ± 10.138 $\chi^2/\text{NDF}: 4.8/8$

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 27.976+/-0.013 χ^2/NDF : 4211.4/4

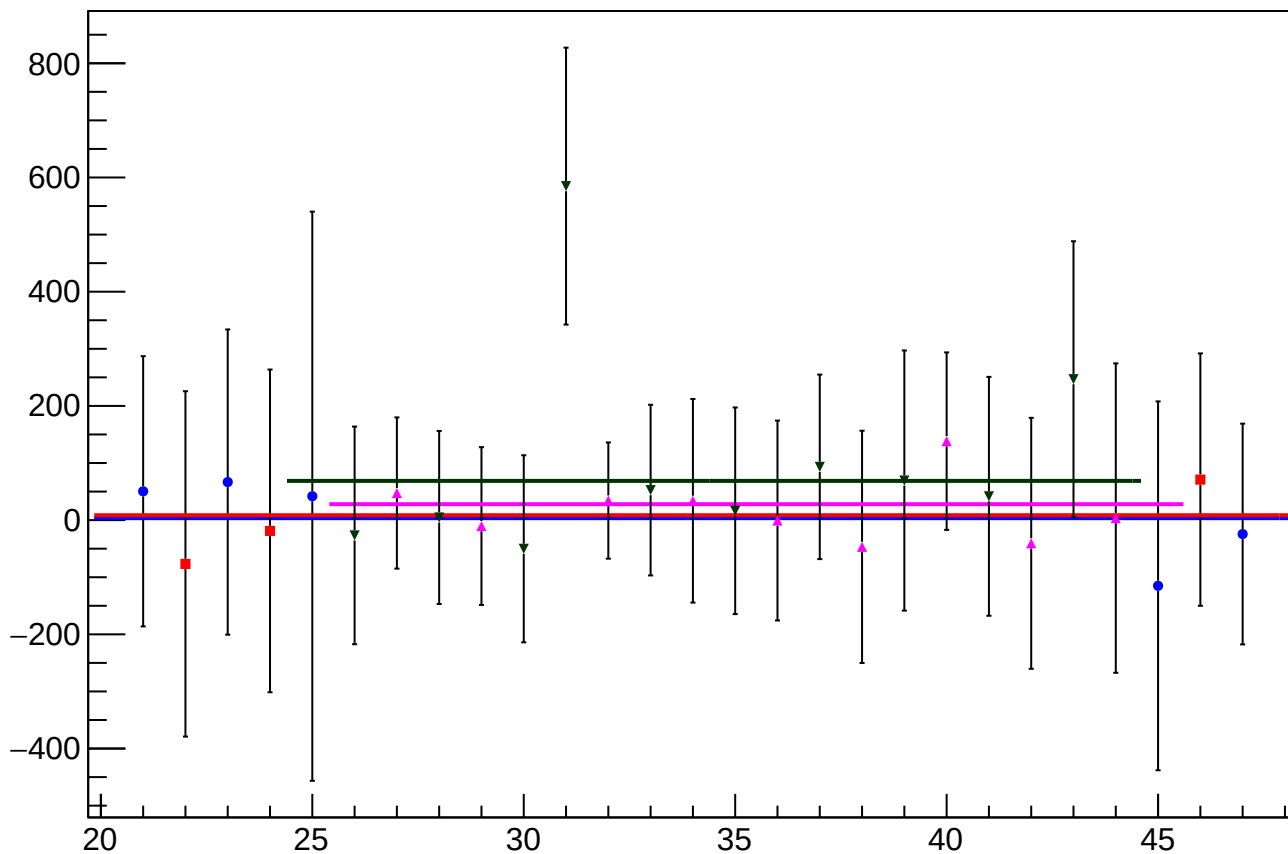
Left Out: 22.750+/-0.007 χ^2/NDF : 270884.7/9

Right Out: 27.759+/-0.015 χ^2/NDF : 3530.7/2

Left In: 23.711+/-0.007 χ^2/NDF : 165862.4/8

24.235+/-0.004 χ^2/NDF : 635971.8/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 3.432 $\pm$ 117.655 χ^2/NDF : 0.3/4

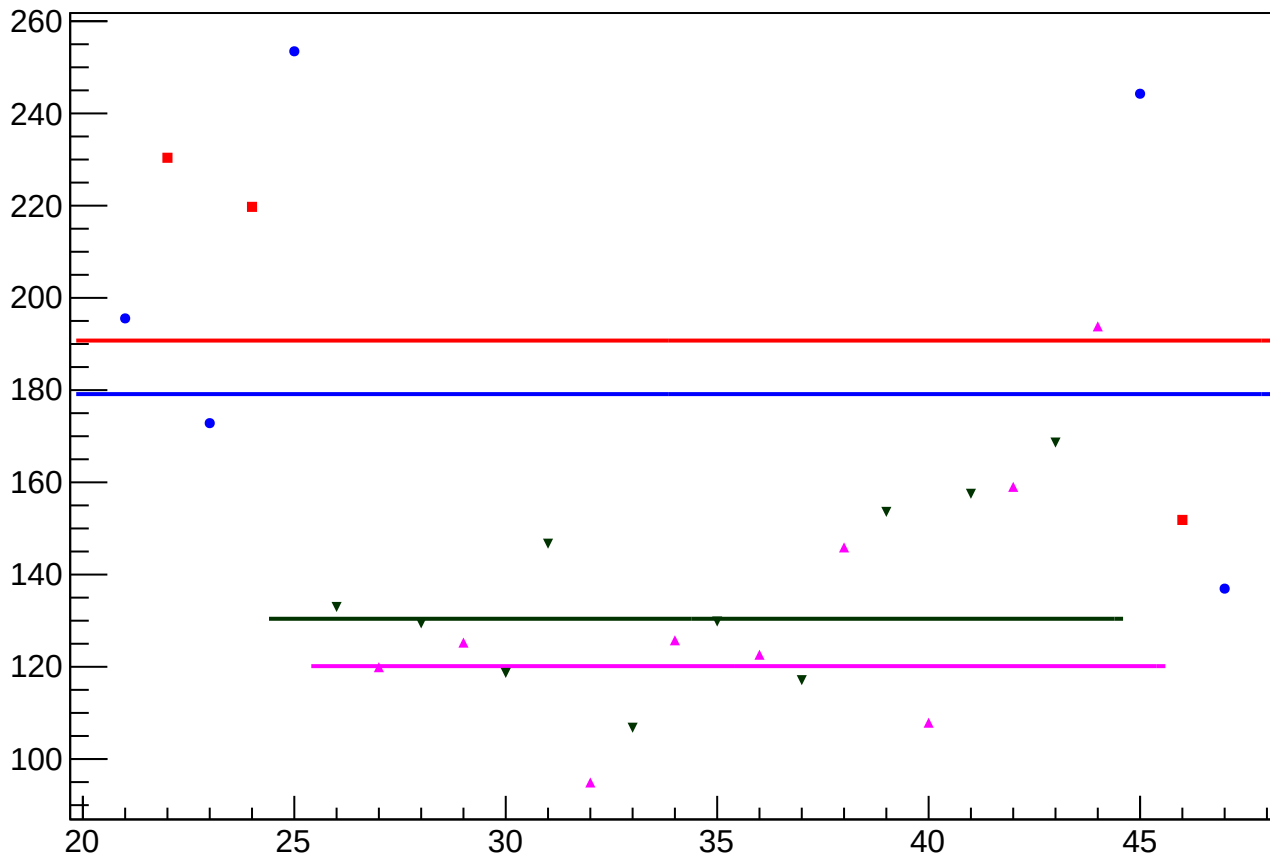
Left Out: 68.706 $\pm$ 57.895 χ^2/NDF : 6.2/9

Right Out: 8.610 $\pm$ 150.863 χ^2/NDF : 0.2/2

Left In: 27.878 $\pm$ 51.982 χ^2/NDF : 0.9/8

40.073 $\pm$ 35.701 χ^2/NDF : 7.9/26

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 179.135+/-0.083 χ^2/NDF : 231830.1/4

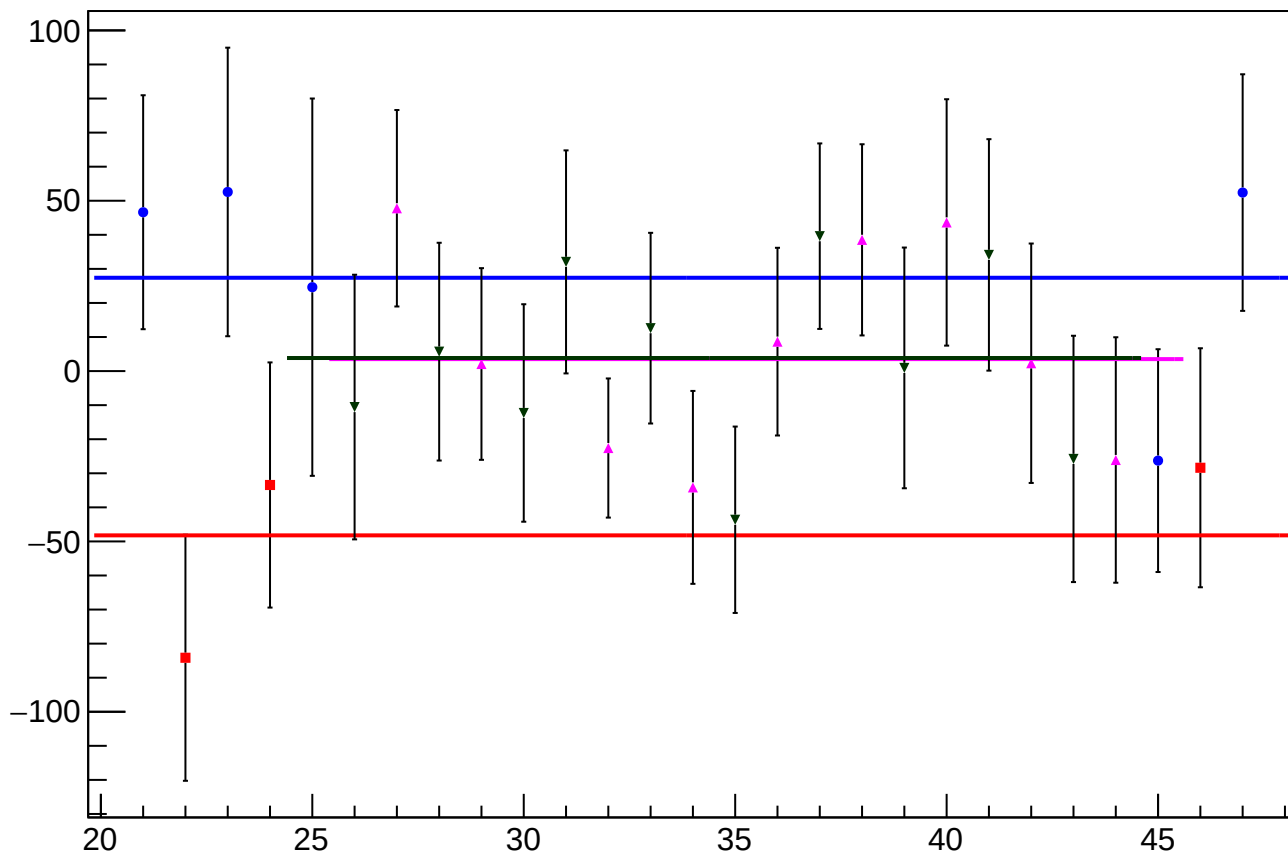
Left Out: 130.416+/-0.041 χ^2/NDF : 187736.2/9

Right Out: 190.745+/-0.107 χ^2/NDF : 117383.5/2

Left In: 120.144+/-0.037 χ^2/NDF : 383139.4/8

133.435+/-0.025 χ^2/NDF : 1646634.1/26

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 27.393 ± 16.912 $\chi^2/\text{NDF}: 3.9/4$

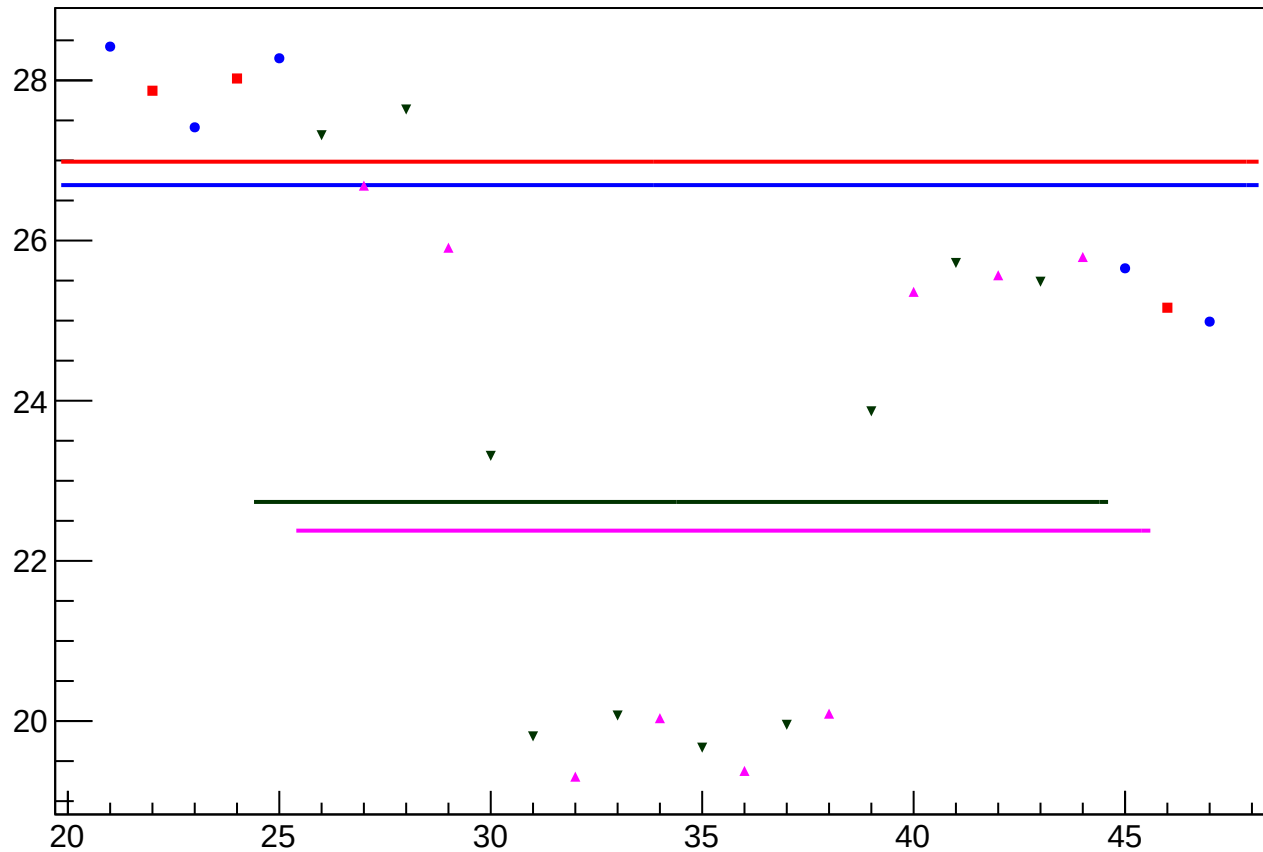
Left Out: 3.838 ± 10.024 $\chi^2/\text{NDF}: 7.4/9$

2.213 ± 6.103 $\chi^2/\text{NDF}: 30.3/26$

Right Out: -48.220 ± 20.621 $\chi^2/\text{NDF}: 1.5/2$

Left In: 3.515 ± 9.515 $\chi^2/\text{NDF}: 9.3/8$

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 26.692 $\pm$ 0.012 χ^2 /NDF: 14129.7/4

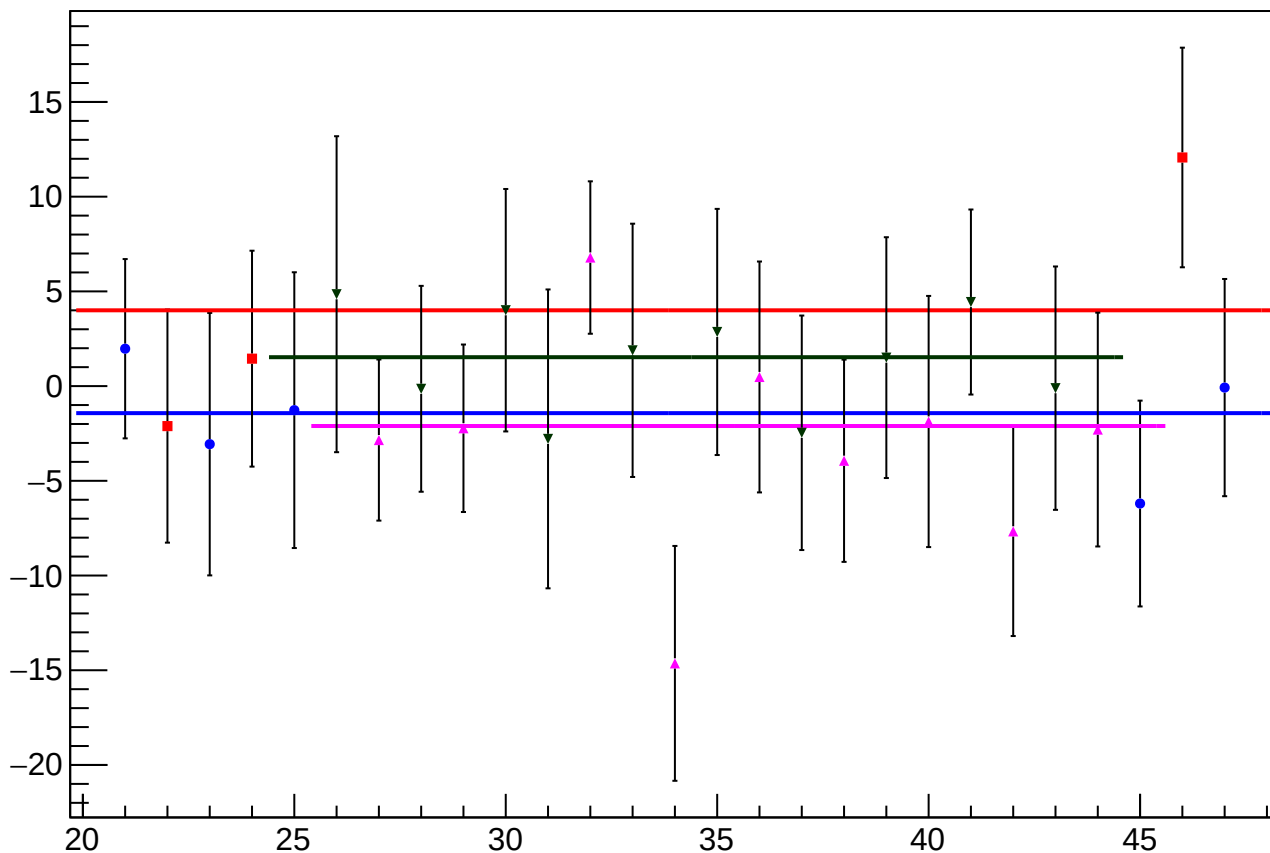
Left Out: 22.736 $\pm$ 0.007 χ^2 /NDF: 184730.7/9

Right Out: 26.985 $\pm$ 0.015 χ^2 /NDF: 8274.9/2

Left In: 22.378 $\pm$ 0.007 χ^2 /NDF: 220179.4/8

23.476 $\pm$ 0.004 χ^2 /NDF: 595101.3/26

diff_bpm12X_mean vs slug



Right In: -1.427 ± 2.594 χ^2/NDF : 1.4/4

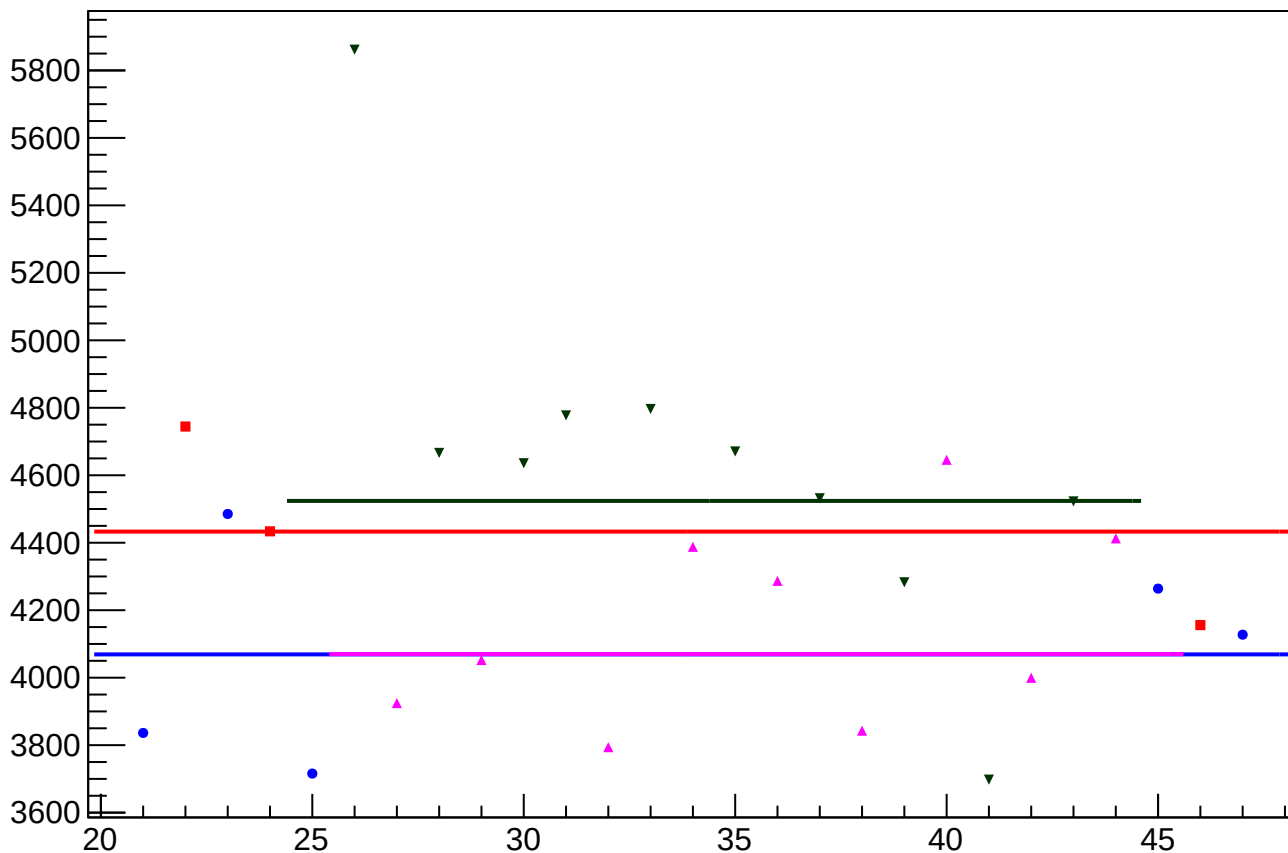
Left Out: 1.526 ± 1.993 χ^2/NDF : 1.6/9

Right Out: 4.001 ± 3.391 χ^2/NDF : 3.1/2

Left In: -2.107 ± 1.720 χ^2/NDF : 10.3/8

-0.233 ± 1.101 χ^2/NDF : 20.2/26

diff_bpm12X_rms vs slug



Right In: 4068.990+/-1.834 χ^2/NDF : 19554.7/4

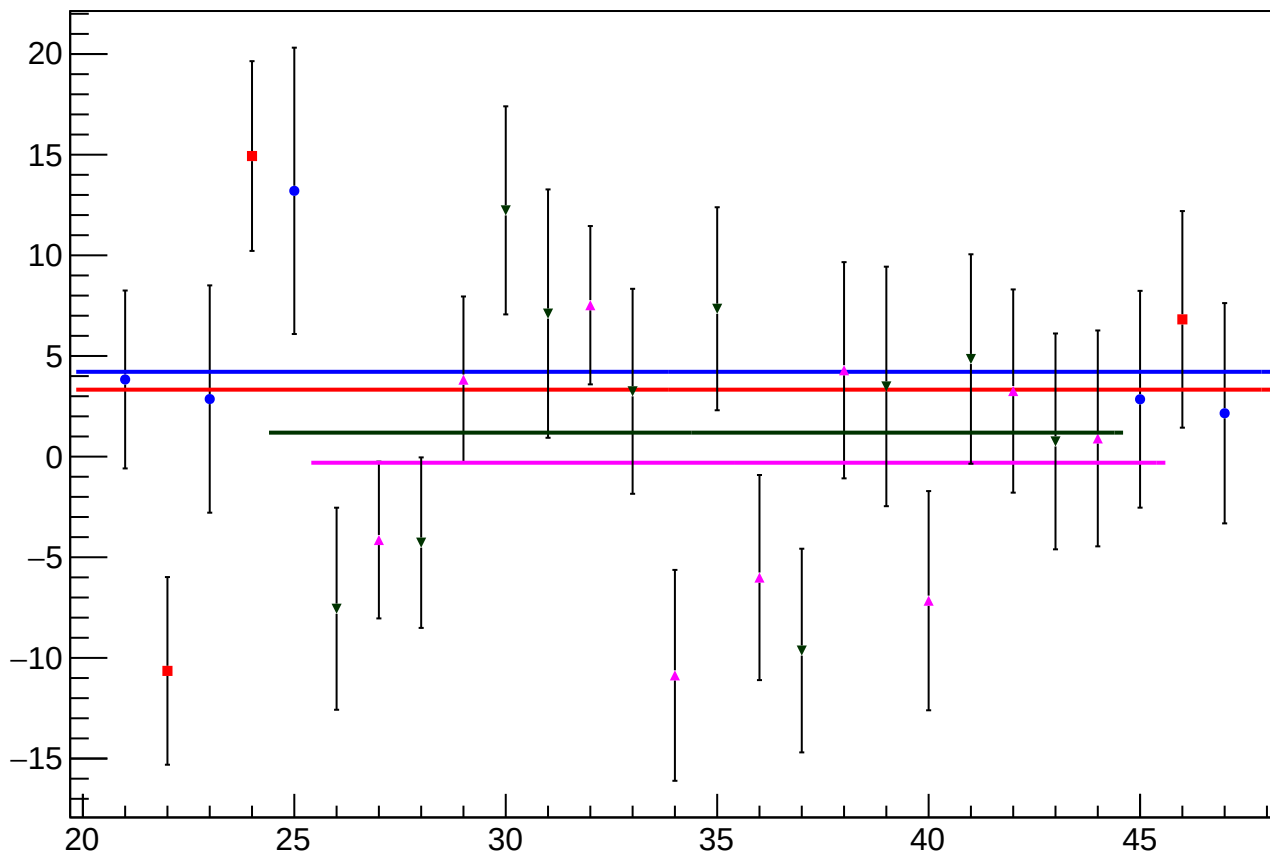
Left Out: 4523.929+/-1.409 χ^2/NDF : 119939.0/9

4246.516+/-0.778 χ^2/NDF : 269222.0/26

Right Out: 4433.064+/-2.398 χ^2/NDF : 9696.9/2

Left In: 4069.946+/-1.216 χ^2/NDF : 44775.6/8

diff_bpm12Y_mean vs slug



Right In: 4.213 ± 2.424 χ^2/NDF : 1.9/4

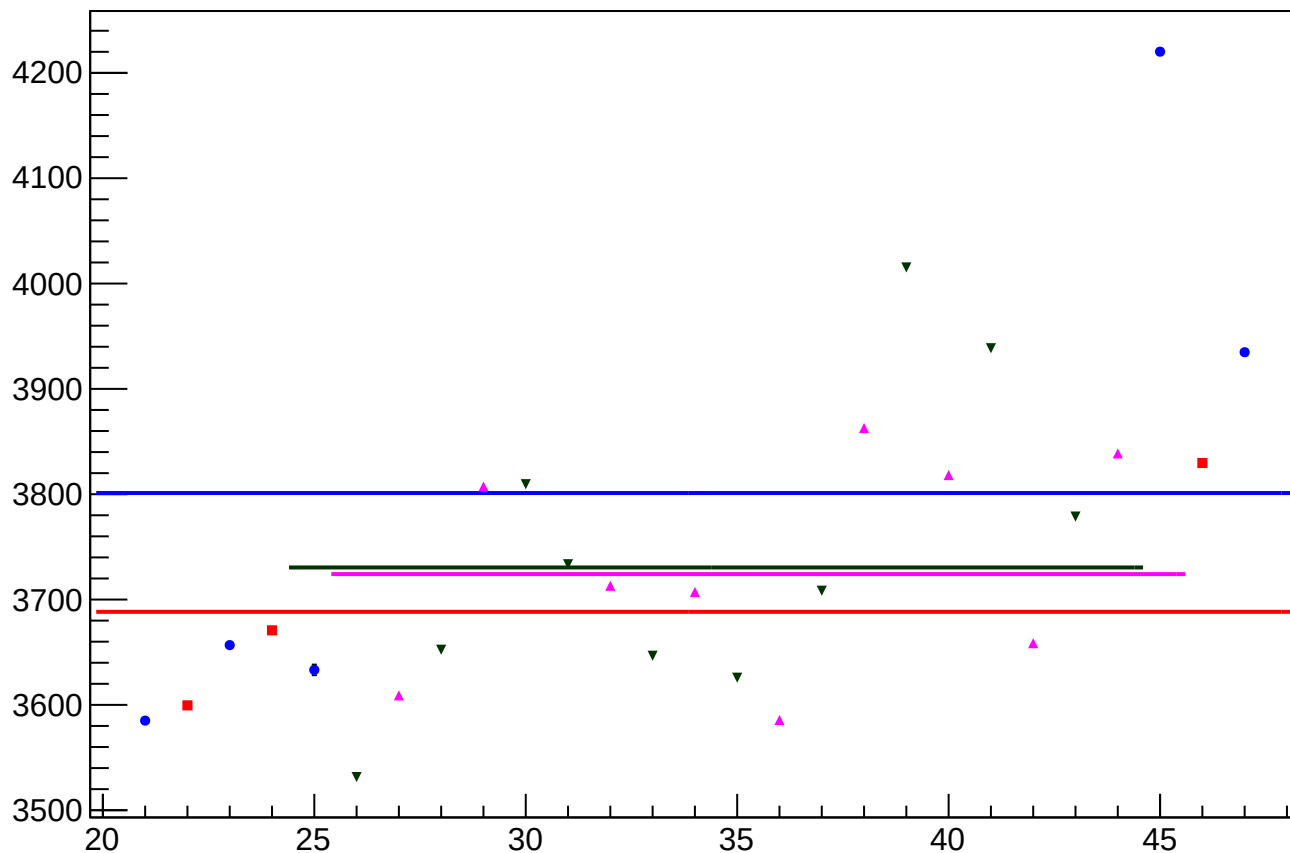
Left Out: 1.191 ± 1.631 χ^2/NDF : 17.1/9

1.353 ± 0.963 χ^2/NDF : 51.5/26

Right Out: 3.326 ± 2.822 χ^2/NDF : 15.5/2

Left In: -0.304 ± 1.568 χ^2/NDF : 14.1/8

diff_bpm12Y_rms vs slug



Right In: 3801.129+/-1.714 χ^2/NDF : 20503.6/4

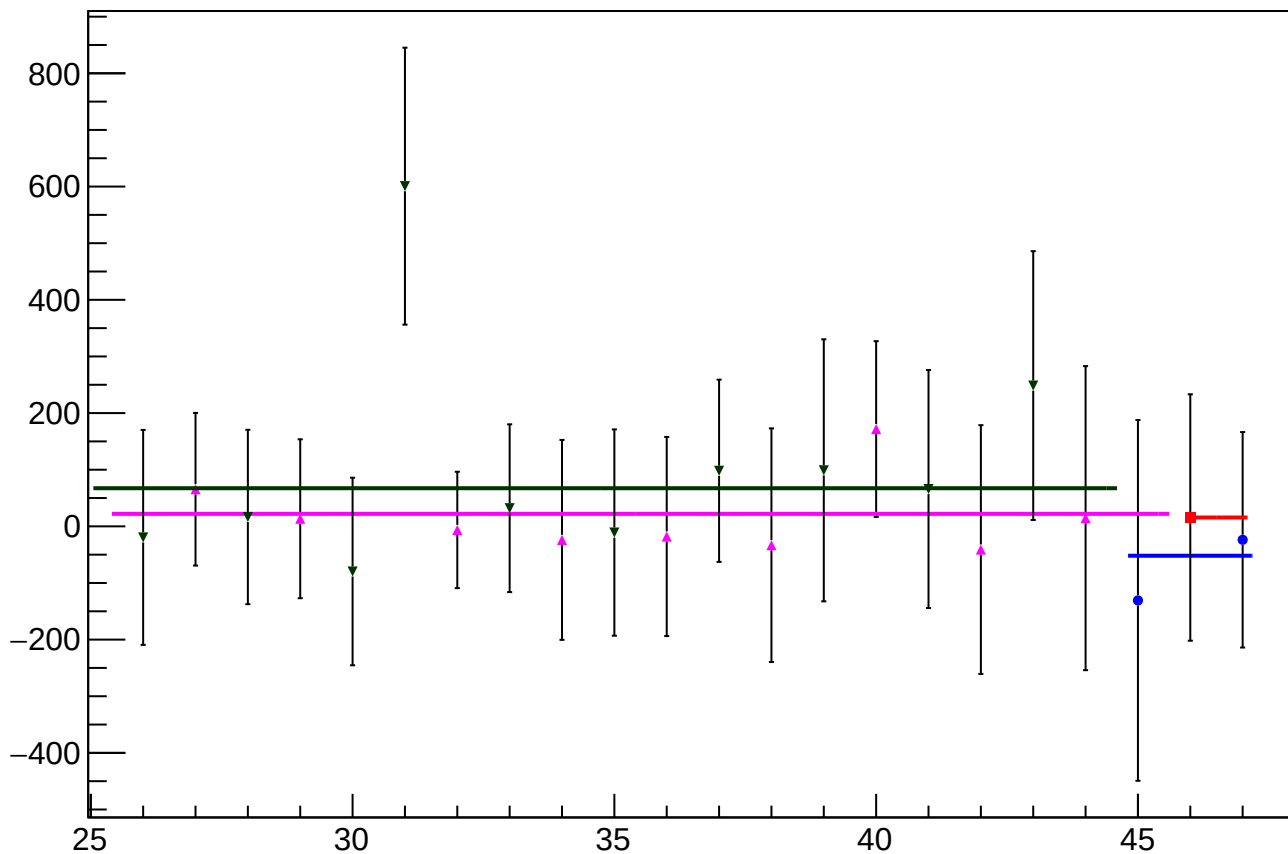
Left Out: 3730.451+/-1.153 χ^2/NDF :13680.1/9

Right Out: 3688.363+/-1.995 χ^2/NDF : 2132.6/2

Left In: 3724.161+/-1.109 χ^2/NDF :7251.9/8

3734.335+/-0.681 χ^2/NDF : 45713.2/26

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



Right In: -51.892 ± 163.313 χ^2/NDF : 0.1/1

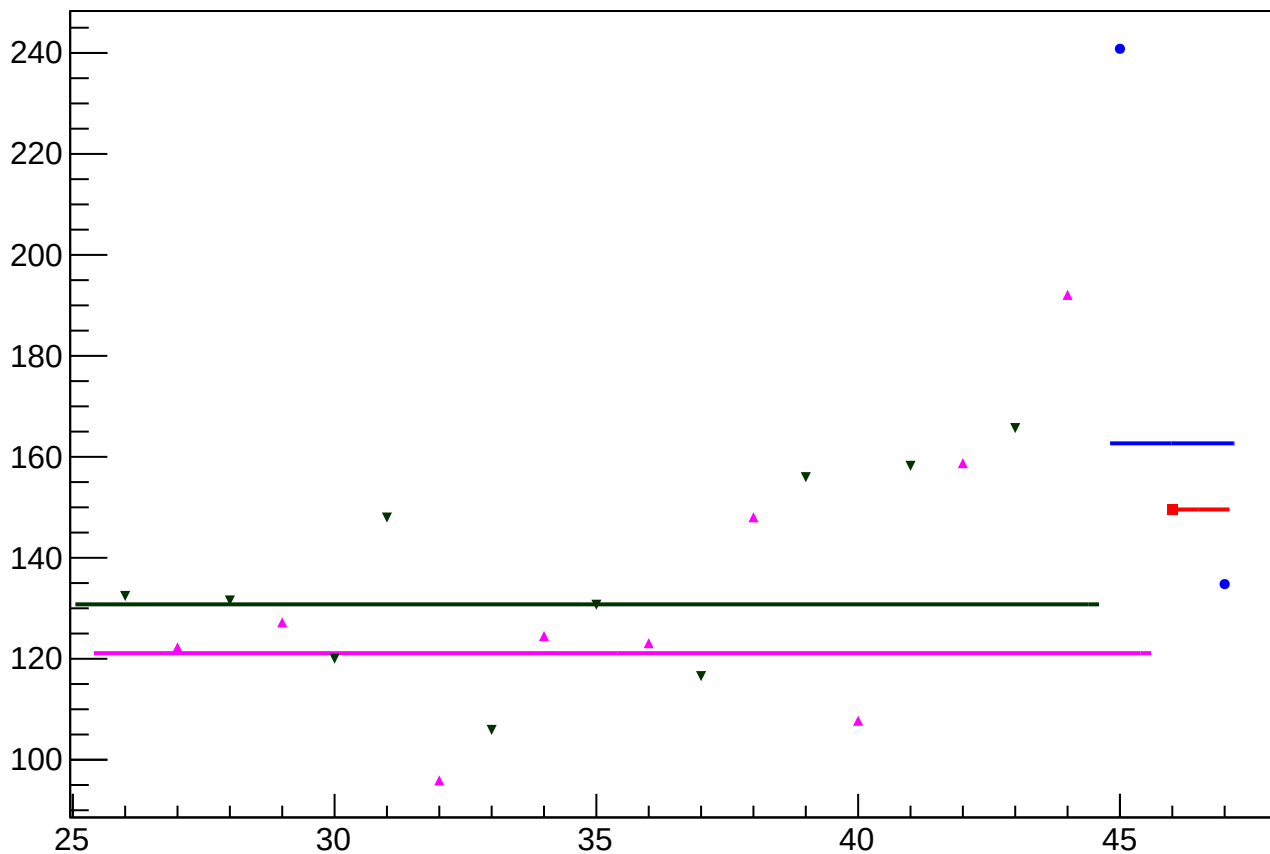
Left Out: 67.330 ± 58.072 χ^2/NDF : 6.7/9

36.664 ± 37.273 χ^2/NDF : 8.9/21

Right Out: 15.609 ± 217.597 χ^2/NDF : 0.0/0

Left In: 22.052 ± 52.367 χ^2/NDF : 1.4/8

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



Right In: 162.670 $\pm$ 0.115 χ^2 /NDF: 163356.1/1

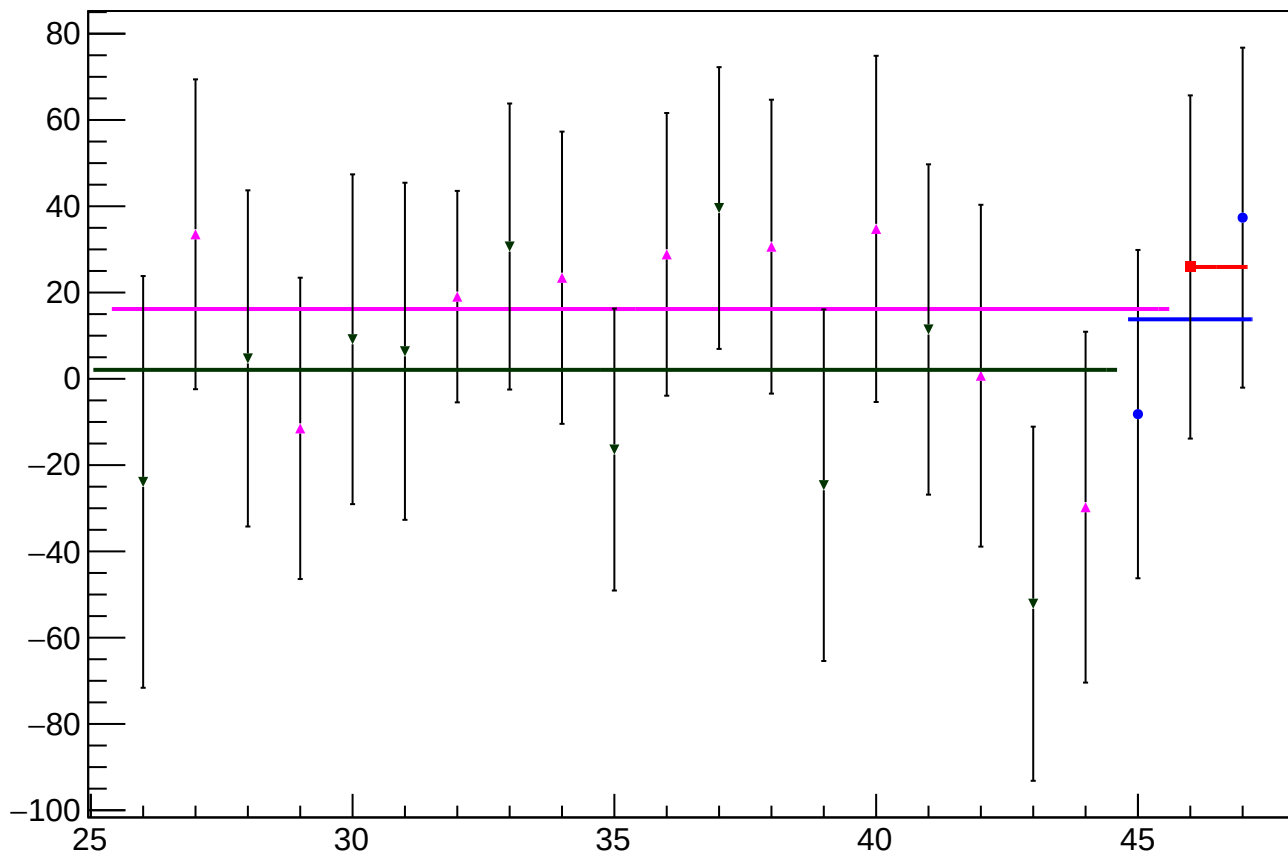
Left Out: 130.783 $\pm$ 0.041 χ^2 /NDF: 191607.5/9

Right Out: 149.576 $\pm$ 0.154 χ^2 /NDF: 0.0/0

Left In: 121.118 $\pm$ 0.037 χ^2 /NDF: 372780.0/8

128.099 $\pm$ 0.026 χ^2 /NDF: 876664.2/21

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



Right In: 13.794 $\pm$ 27.373 χ^2/NDF : 0.7/1

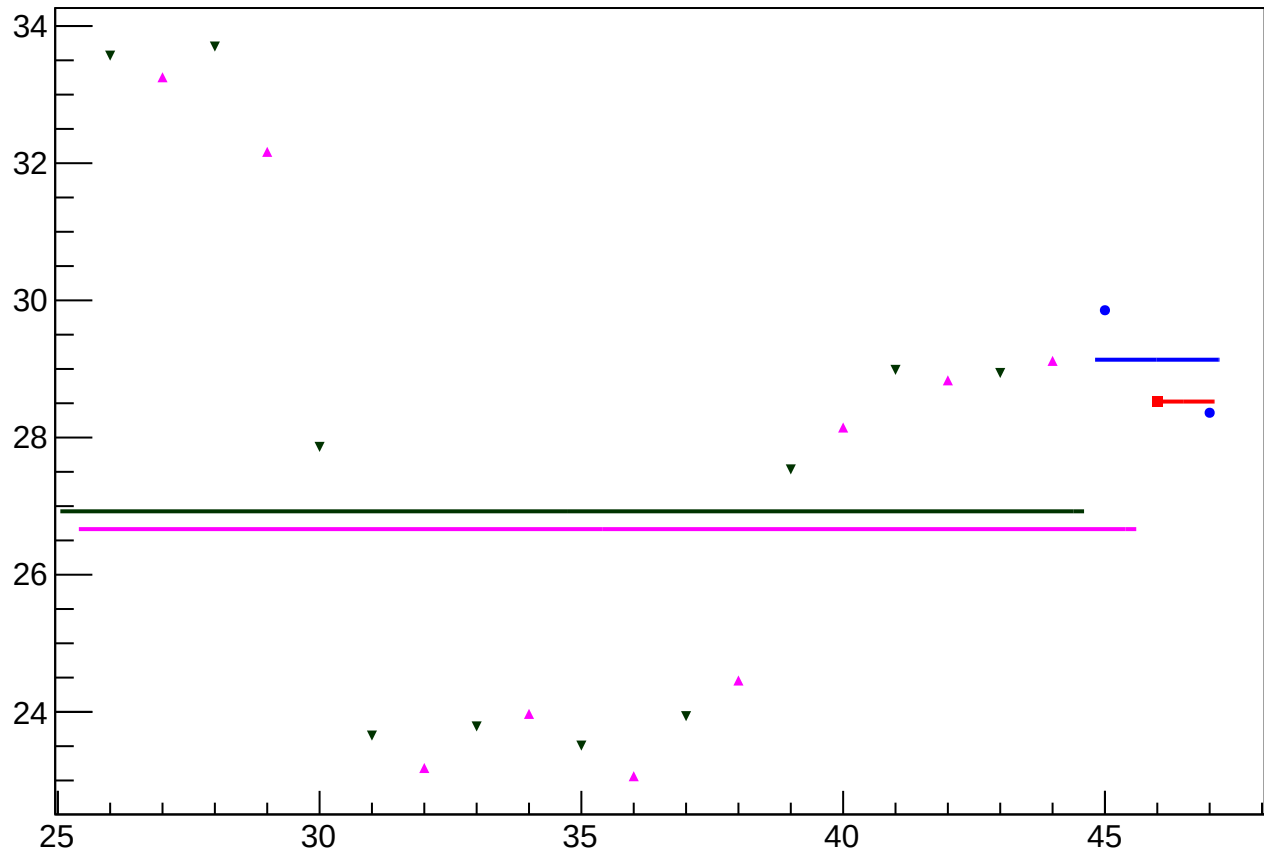
Left Out: 2.082 $\pm$ 11.868 χ^2/NDF : 5.0/9

Right Out: 25.925 $\pm$ 39.778 χ^2/NDF : 0.0/0

Left In: 16.185 $\pm$ 11.331 χ^2/NDF : 2.9/8

10.420 $\pm$ 7.703 χ^2/NDF : 9.5/21

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



Right In: 29.135 $\pm$ 0.019 χ^2/NDF : 1488.9/1

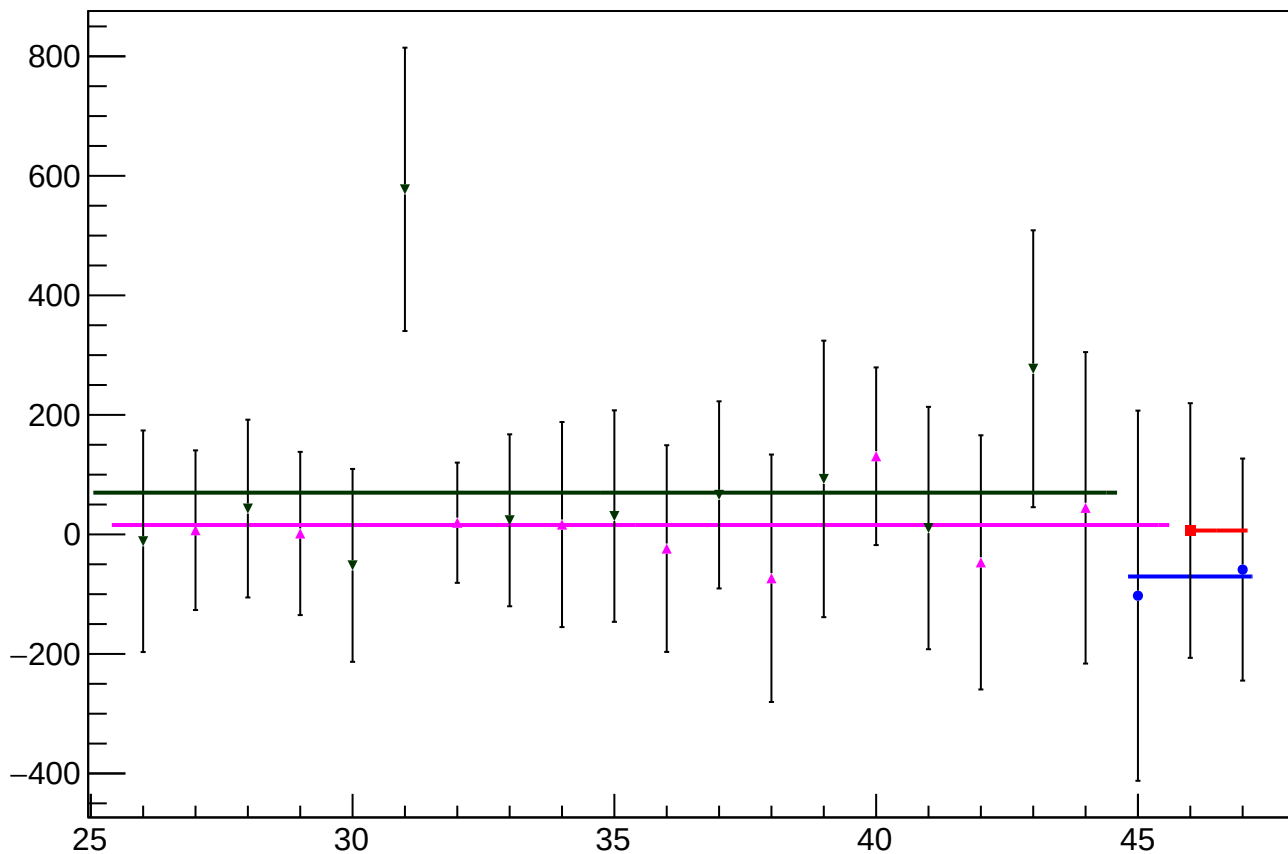
Left Out: 26.924 $\pm$ 0.008 χ^2/NDF : 182041.2/9

27.039 $\pm$ 0.005 χ^2/NDF : 418961.2/21

Right Out: 28.525 $\pm$ 0.028 χ^2/NDF : 0.0/0

Left In: 26.665 $\pm$ 0.008 χ^2/NDF : 218549.2/8

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



Right In: -70.409 $\pm$ 159.306 χ^2 /NDF: 0.0/1

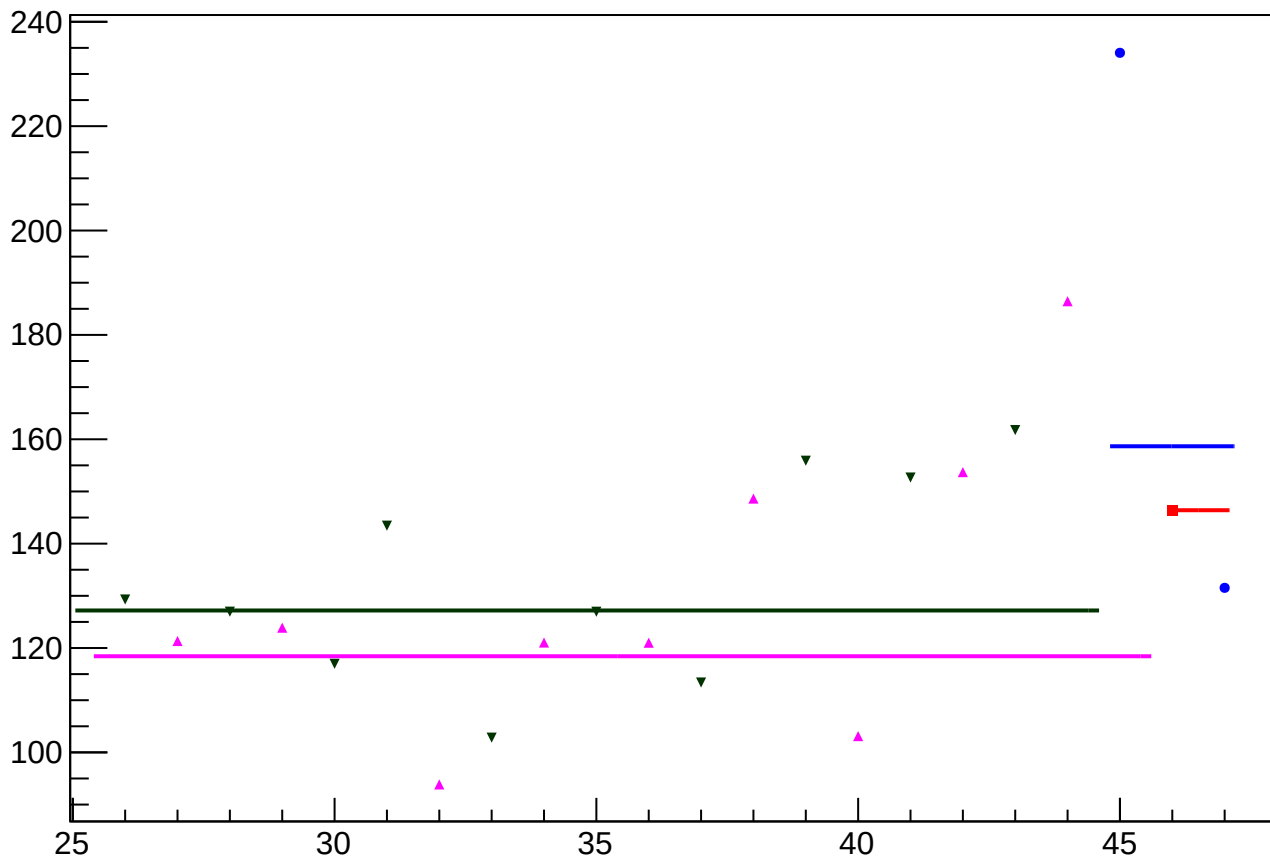
Left Out: 69.878 $\pm$ 56.508 χ^2 /NDF: 6.4/9

Right Out: 6.503 $\pm$ 213.045 χ^2 /NDF: 0.0/0

Left In: 15.757 $\pm$ 51.209 χ^2 /NDF: 1.0/8

33.417 $\pm$ 36.371 χ^2 /NDF: 8.4/21

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



Right In: 158.659+/-0.113 χ^2/NDF : 161176.8/1

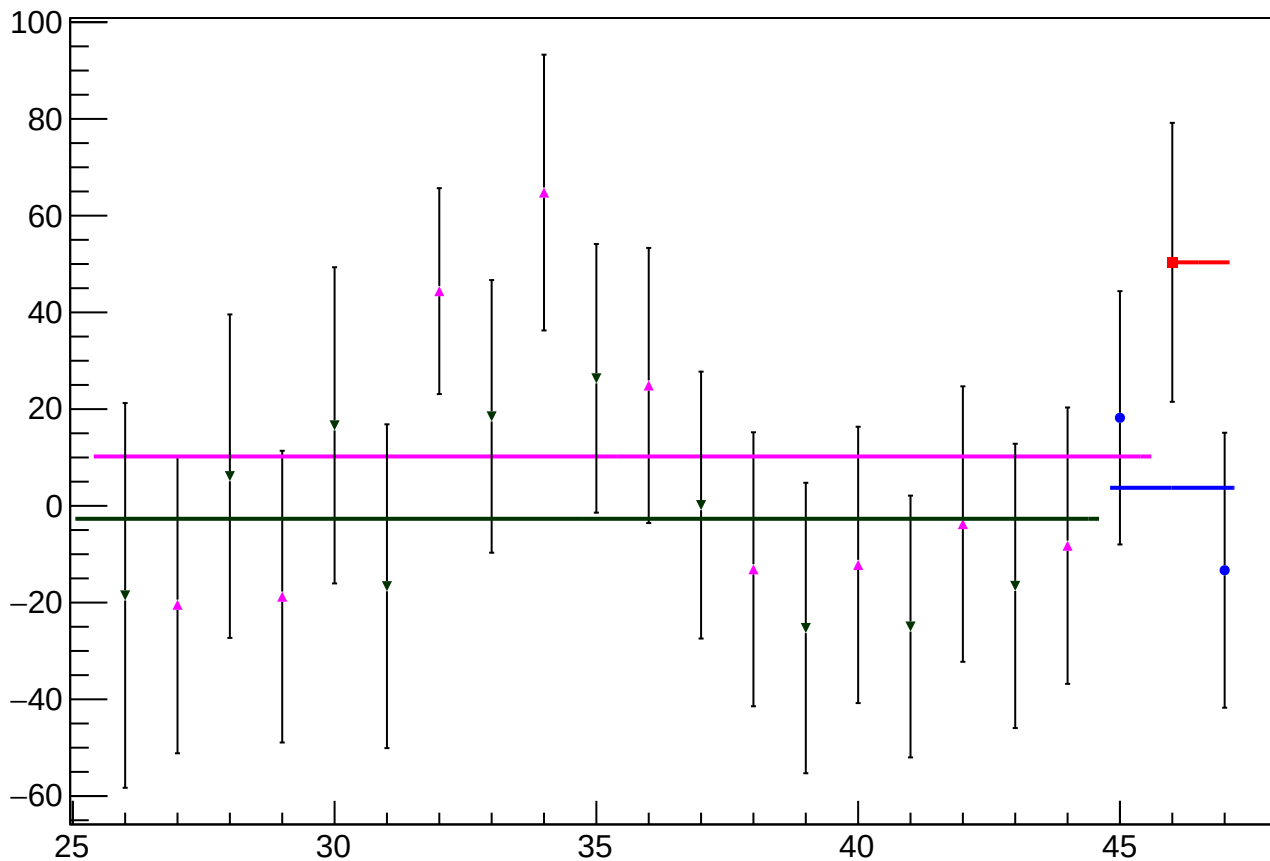
Left Out: 127.192+/-0.040 χ^2/NDF : 197485.8/9

Right Out: 146.404+/-0.151 χ^2/NDF : 0.0/0

Left In: 118.423+/-0.036 χ^2/NDF : 379462.7/8

124.969+/-0.026 χ^2/NDF : 883593.8/21

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



Right In: 3.735+/-19.260 χ^2/NDF : 0.7/1

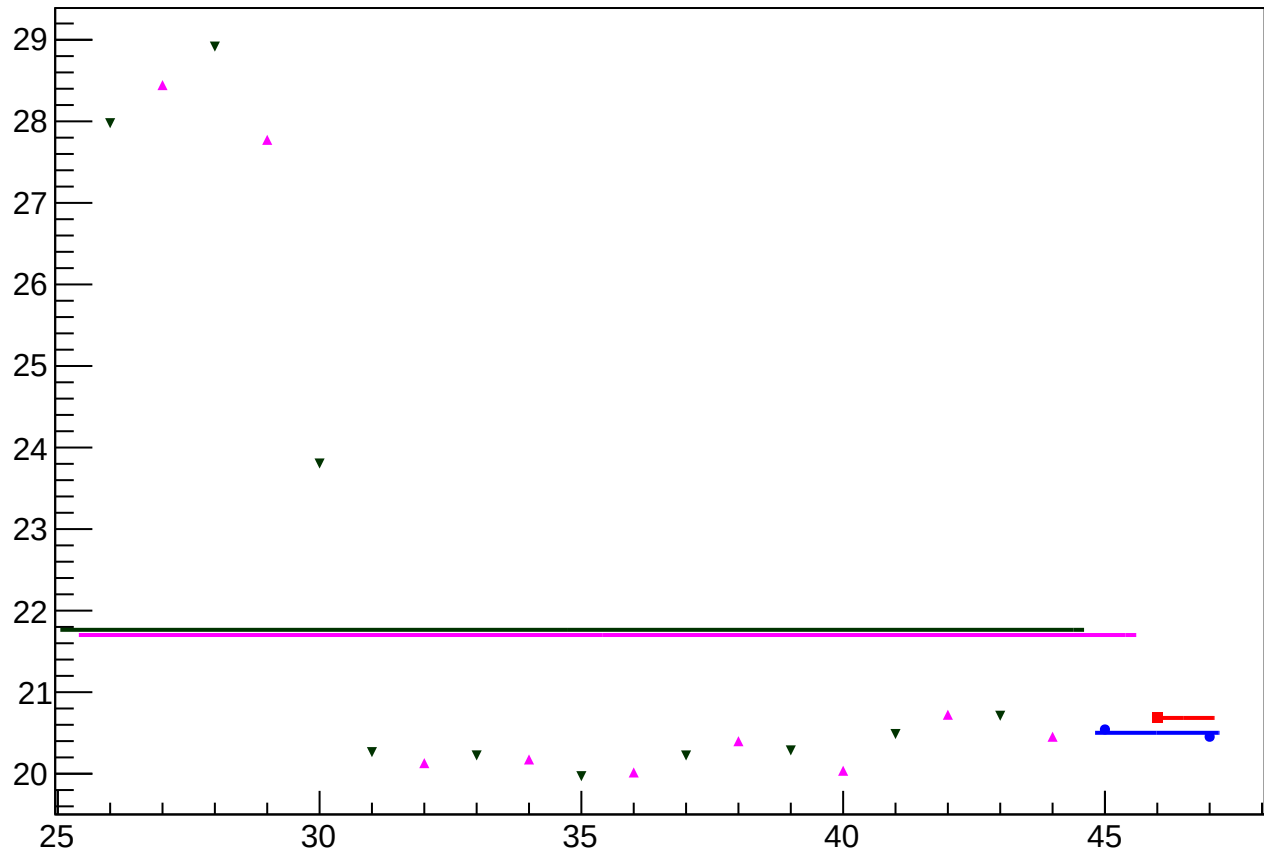
Left Out: -2.673+/-9.598 χ^2/NDF : 3.9/9

6.098+/-6.141 χ^2/NDF : 18.3/21

Right Out: 50.346+/-28.838 χ^2/NDF : 0.0/0

Left In: 10.212+/-9.220 χ^2/NDF : 10.4/8

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



Right In: 20.502 $\pm$ 0.014 χ^2 /NDF: 10.8/1

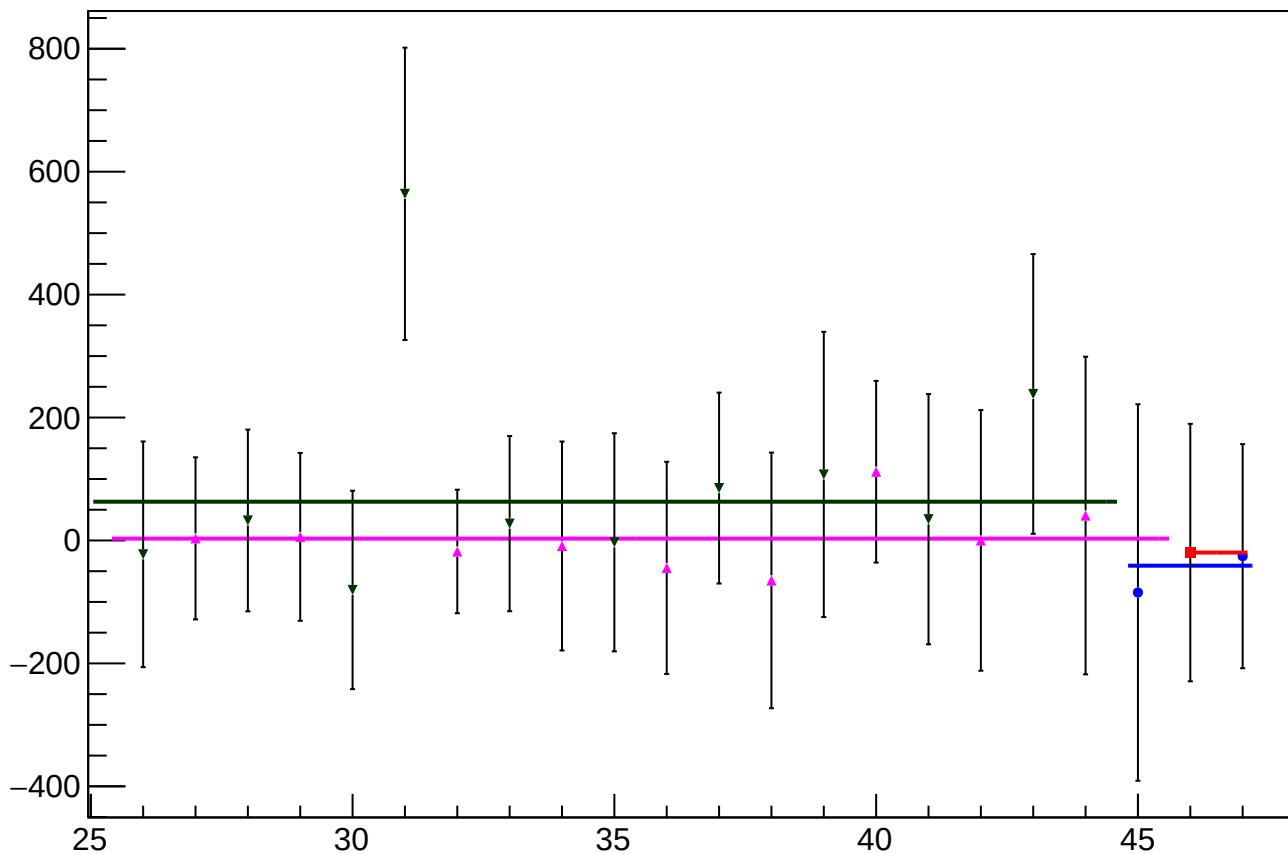
Left Out: 21.765 $\pm$ 0.007 χ^2 /NDF:184541.8/9

Right Out: 20.684 $\pm$ 0.020 χ^2 /NDF: 0.0/0

Left In: 21.701 $\pm$ 0.007 χ^2 /NDF:218304.5/8

21.559 $\pm$ 0.004 χ^2 /NDF: 412116.8/21

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



Right In: -41.028 ± 156.650 χ^2/NDF : 0.0/1

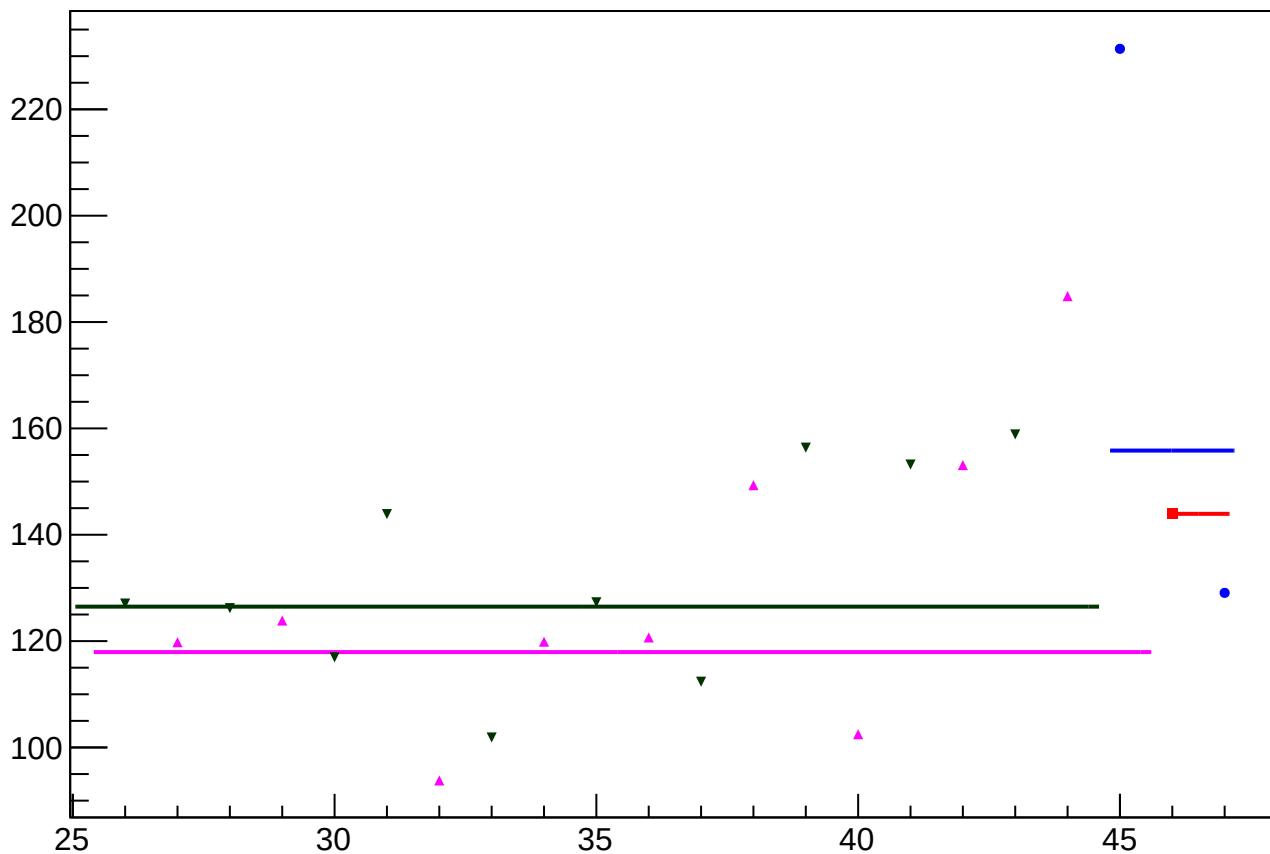
Left Out: 63.061 ± 56.257 χ^2/NDF : 6.4/9

24.821 ± 36.181 χ^2/NDF : 8.0/21

Right Out: -19.691 ± 209.473 χ^2/NDF : 0.0/0

Left In: 3.008 ± 51.005 χ^2/NDF : 0.8/8

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



Right In: 155.830 $\pm$ 0.111 χ^2 /NDF: 164756.1/1

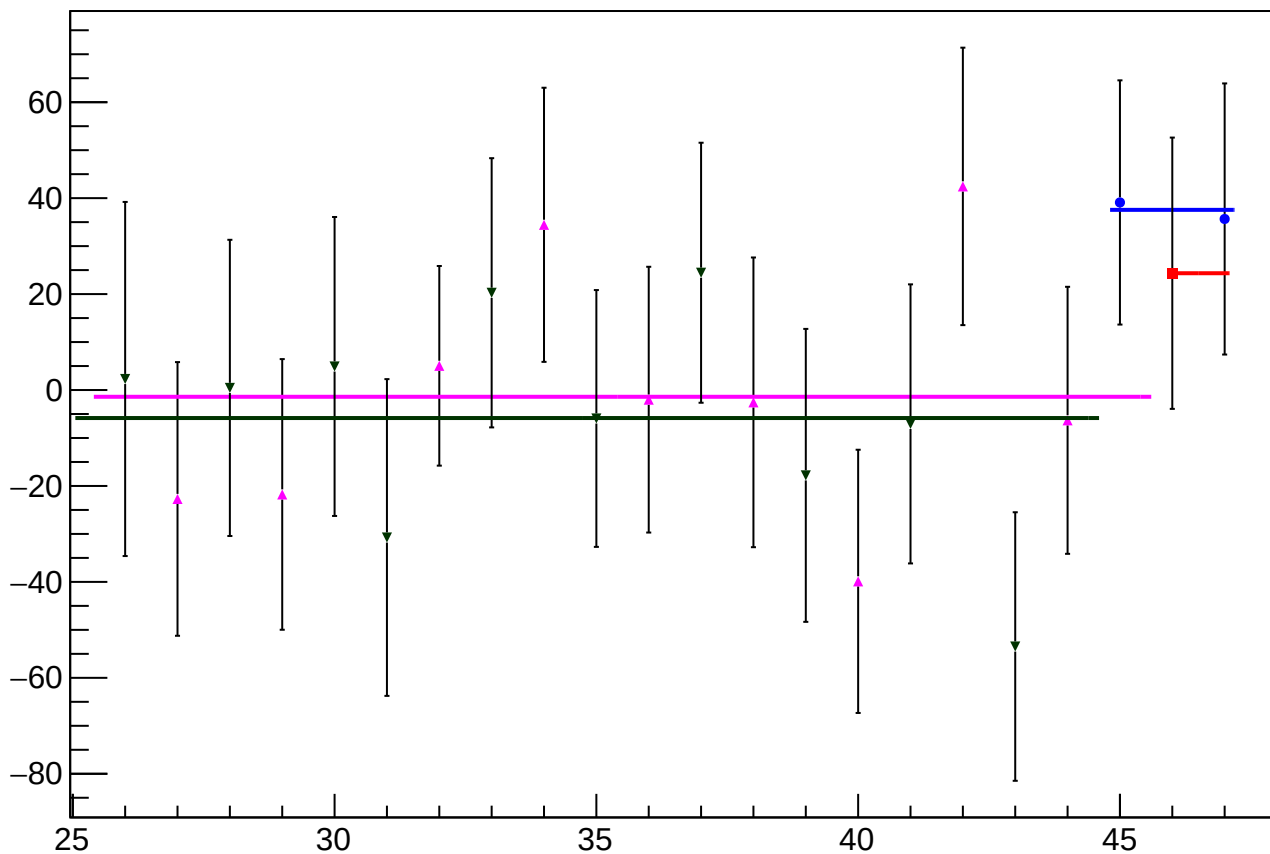
Left Out: 126.482 $\pm$ 0.040 χ^2 /NDF: 202065.4/9

124.269 $\pm$ 0.026 χ^2 /NDF: 876395.3/21

Right Out: 143.931 $\pm$ 0.148 χ^2 /NDF: 0.0/0

Left In: 117.938 $\pm$ 0.036 χ^2 /NDF: 376858.5/8

asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



Right In: 37.558+/-18.914 χ^2/NDF : 0.0/1

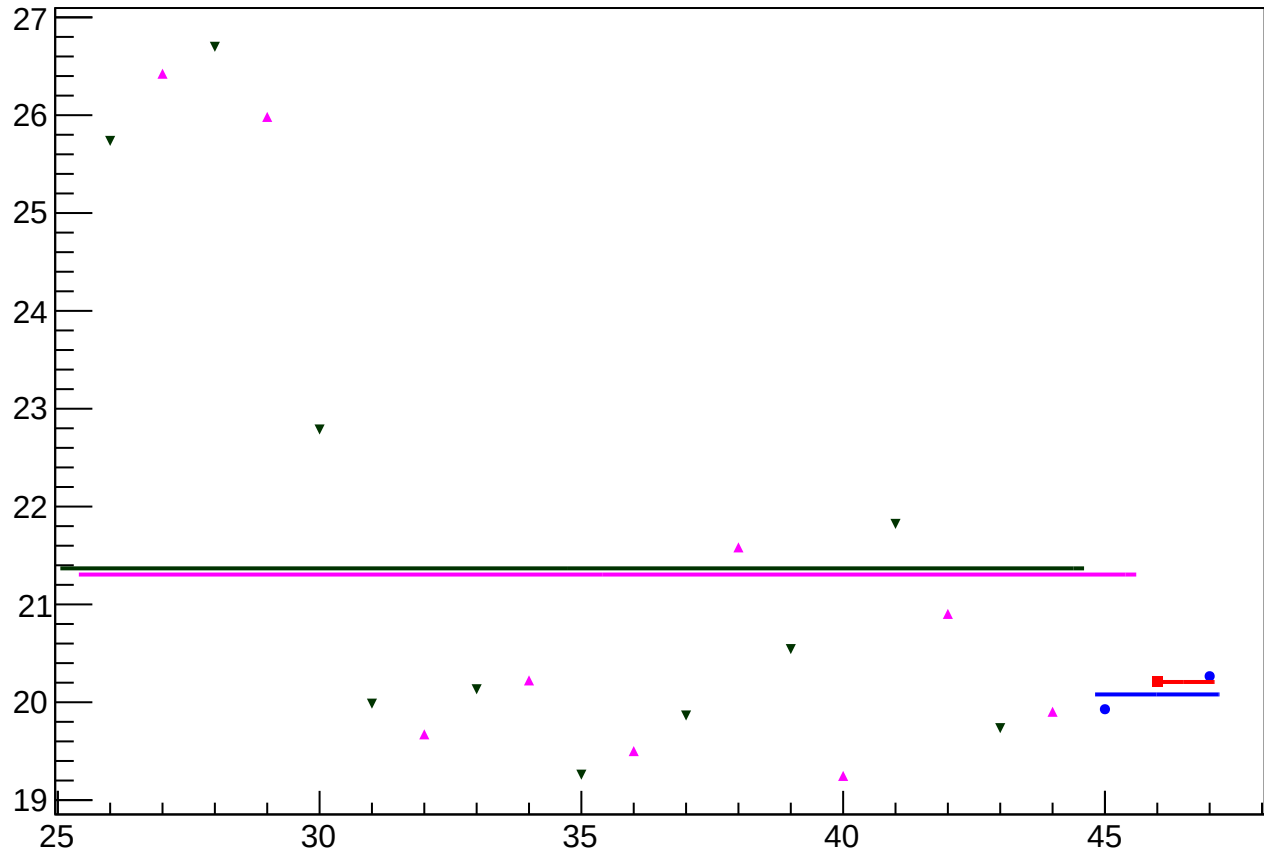
Left Out: -5.840+/-9.412 χ^2/NDF : 5.9/9

1.896+/-6.023 χ^2/NDF : 18.0/21

Right Out: 24.347+/-28.279 χ^2/NDF : 0.0/0

Left In: -1.409+/-9.041 χ^2/NDF : 7.0/8

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



Right In: 20.080 $\pm$ 0.013 χ^2 /NDF: 157.4/1

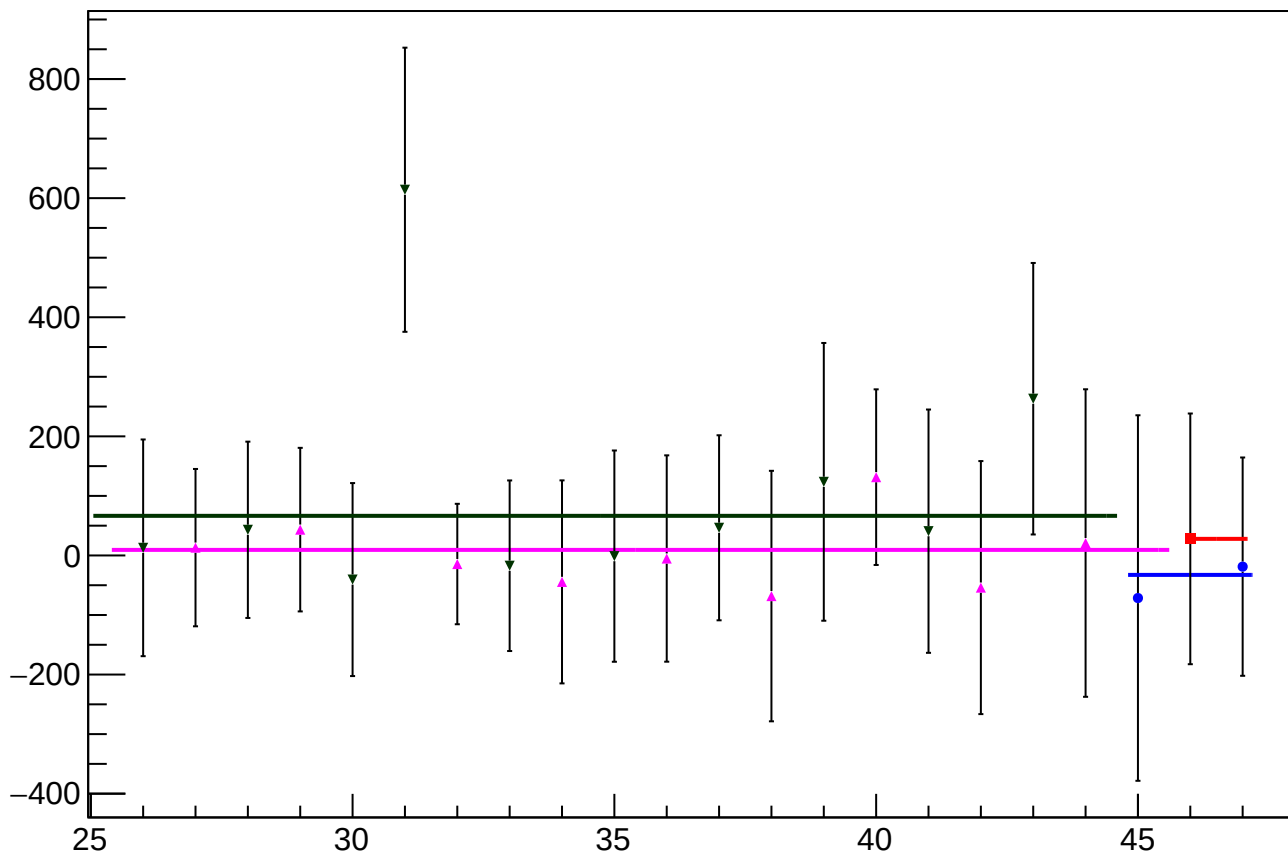
Left Out: 21.368 $\pm$ 0.007 χ^2 /NDF:126487.8/9

Right Out: 20.207 $\pm$ 0.020 χ^2 /NDF: 0.0/0

Left In: 21.305 $\pm$ 0.006 χ^2 /NDF:159917.2/8

21.157 $\pm$ 0.004 χ^2 /NDF: 296850.3/21

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



Right In: -32.650 $\pm$ 157.363 χ^2/NDF : 0.0/1

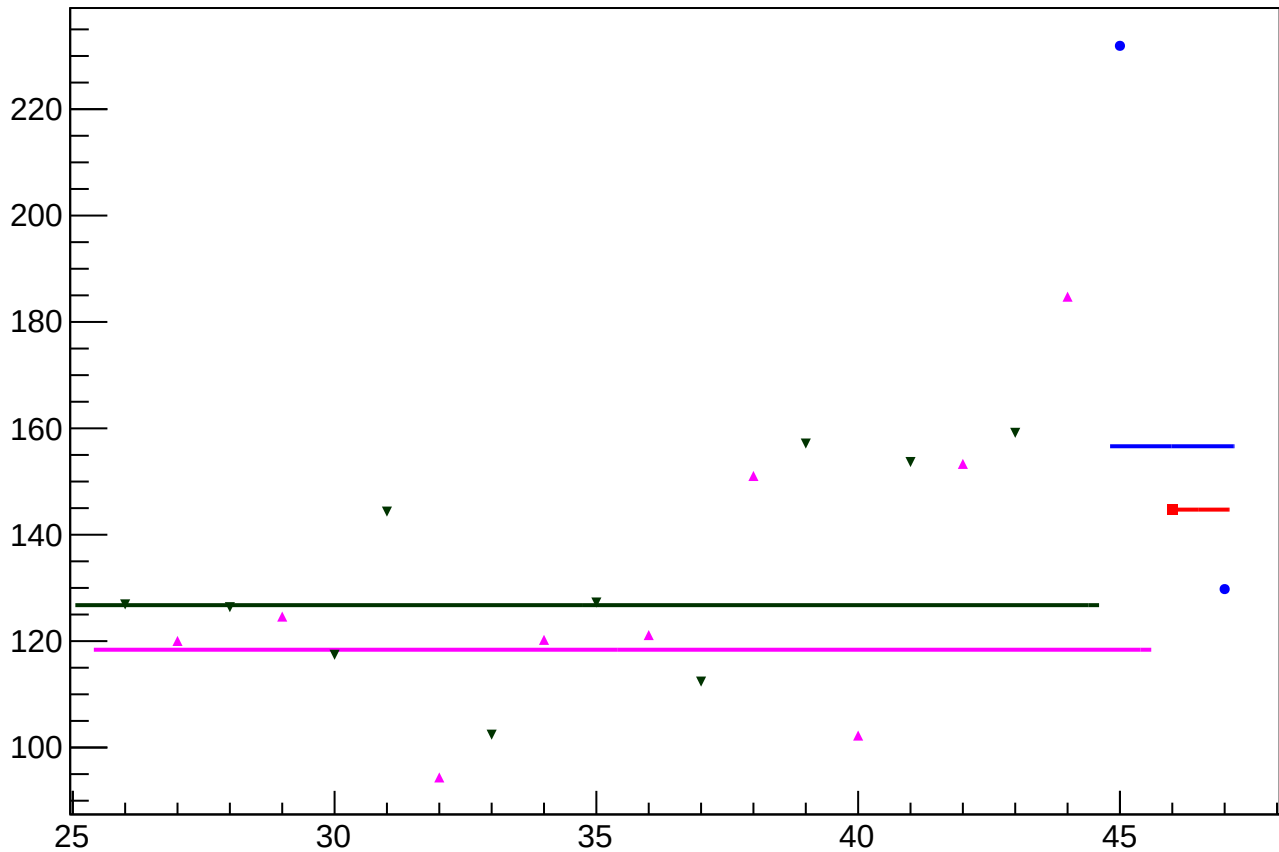
Left Out: 66.532 $\pm$ 56.339 χ^2/NDF : 7.1/9

Right Out: 27.871 $\pm$ 210.491 χ^2/NDF : 0.0/0

Left In: 9.341 $\pm$ 51.191 χ^2/NDF : 1.1/8

31.379 $\pm$ 36.283 χ^2/NDF : 9.0/21

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



Right In: 156.631+/-0.111 χ^2/NDF : 163242.4/1

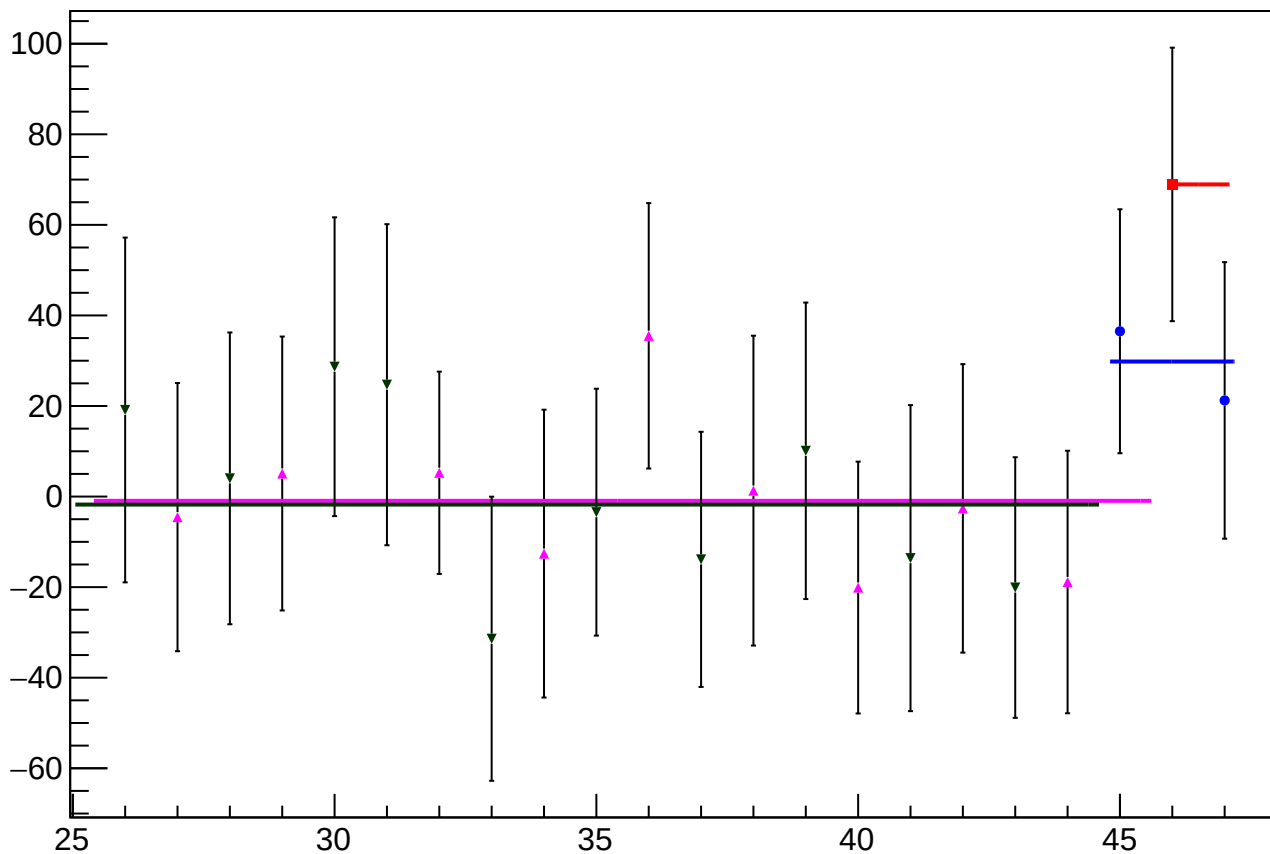
Left Out: 126.761+/-0.040 χ^2/NDF : 201460.1/9

Right Out: 144.721+/-0.149 χ^2/NDF : 0.0/0

Left In: 118.381+/-0.036 χ^2/NDF : 376314.7/8

124.673+/-0.026 χ^2/NDF : 874610.0/21

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



Right In: 29.822 $\pm$ 20.200 χ^2 /NDF: 0.1/1

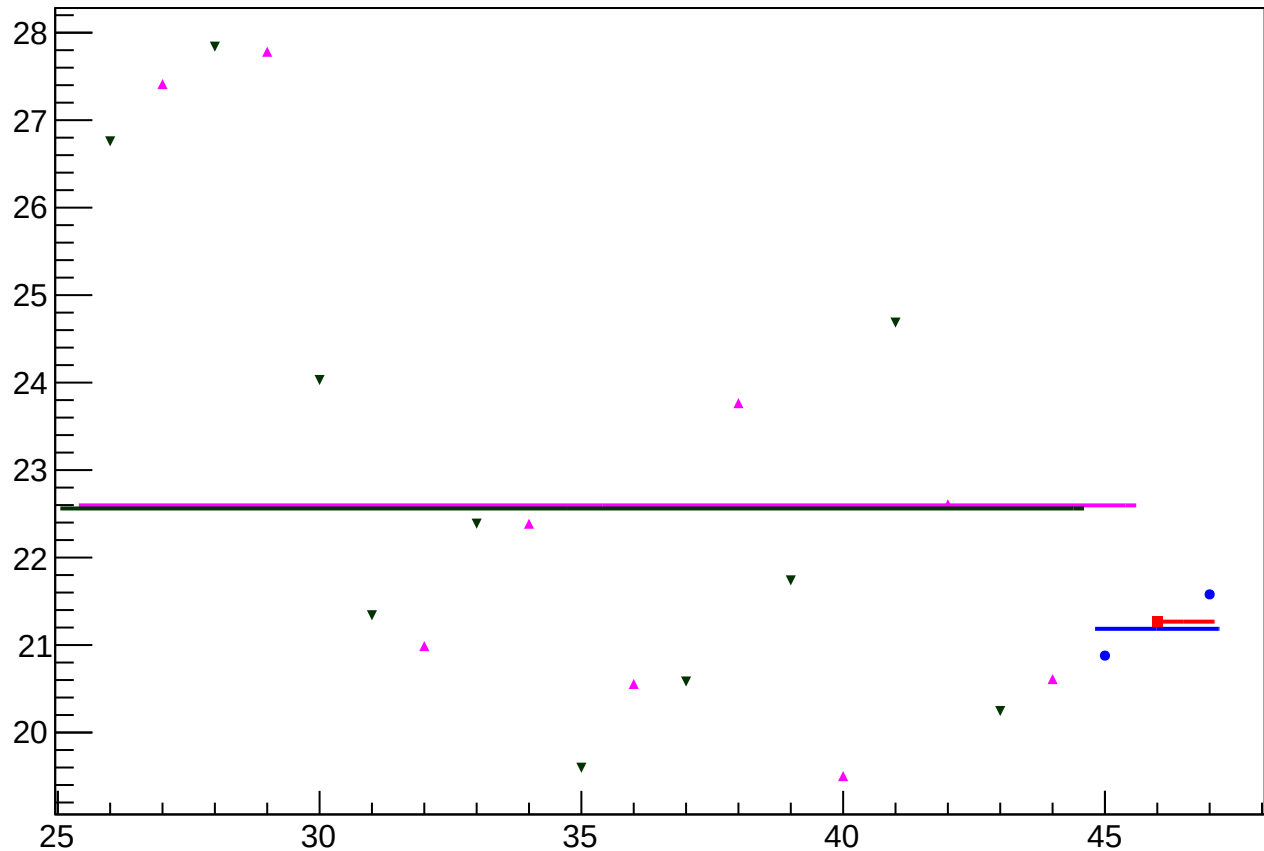
Left Out: -1.768 $\pm$ 9.997 χ^2 /NDF:3.5/9

Right Out: 68.934 $\pm$ 30.198 χ^2 /NDF: 0.0/0

Left In: -0.942 $\pm$ 9.660 χ^2 /NDF:2.7/8

4.981 $\pm$ 6.419 χ^2 /NDF: 13.1/21

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



Right In: 21.185 $\pm$ 0.014 χ^2 /NDF: 591.3/1

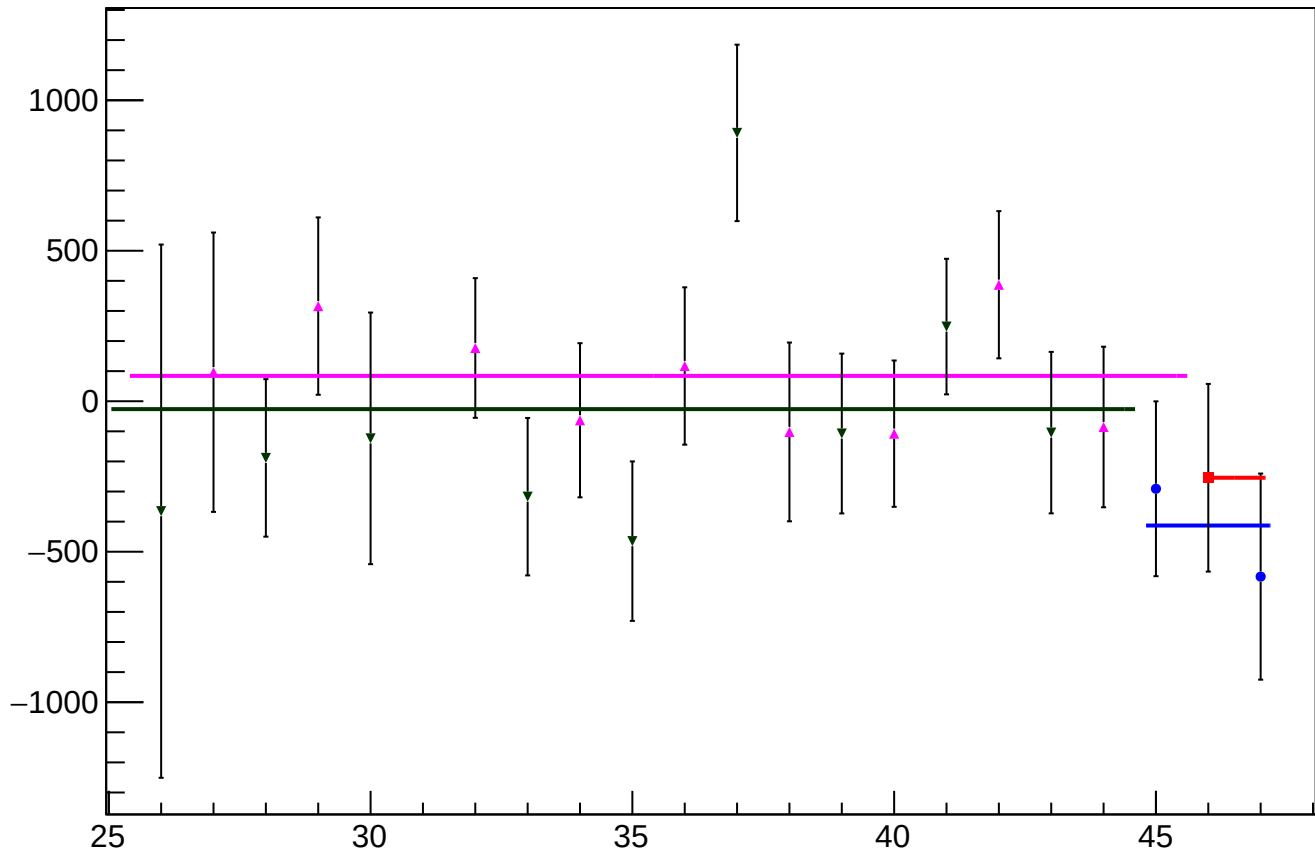
Left Out: 22.561 $\pm$ 0.007 χ^2 /NDF:140006.3/9

Right Out: 21.267 $\pm$ 0.021 χ^2 /NDF: 0.0/0

Left In: 22.597 $\pm$ 0.007 χ^2 /NDF:168346.0/8

22.379 $\pm$ 0.005 χ^2 /NDF: 320313.4/21

asym_sam_15_avg_mean vs slug



Right In: -412.949+/-221.493 χ^2/NDF : 0.4/1

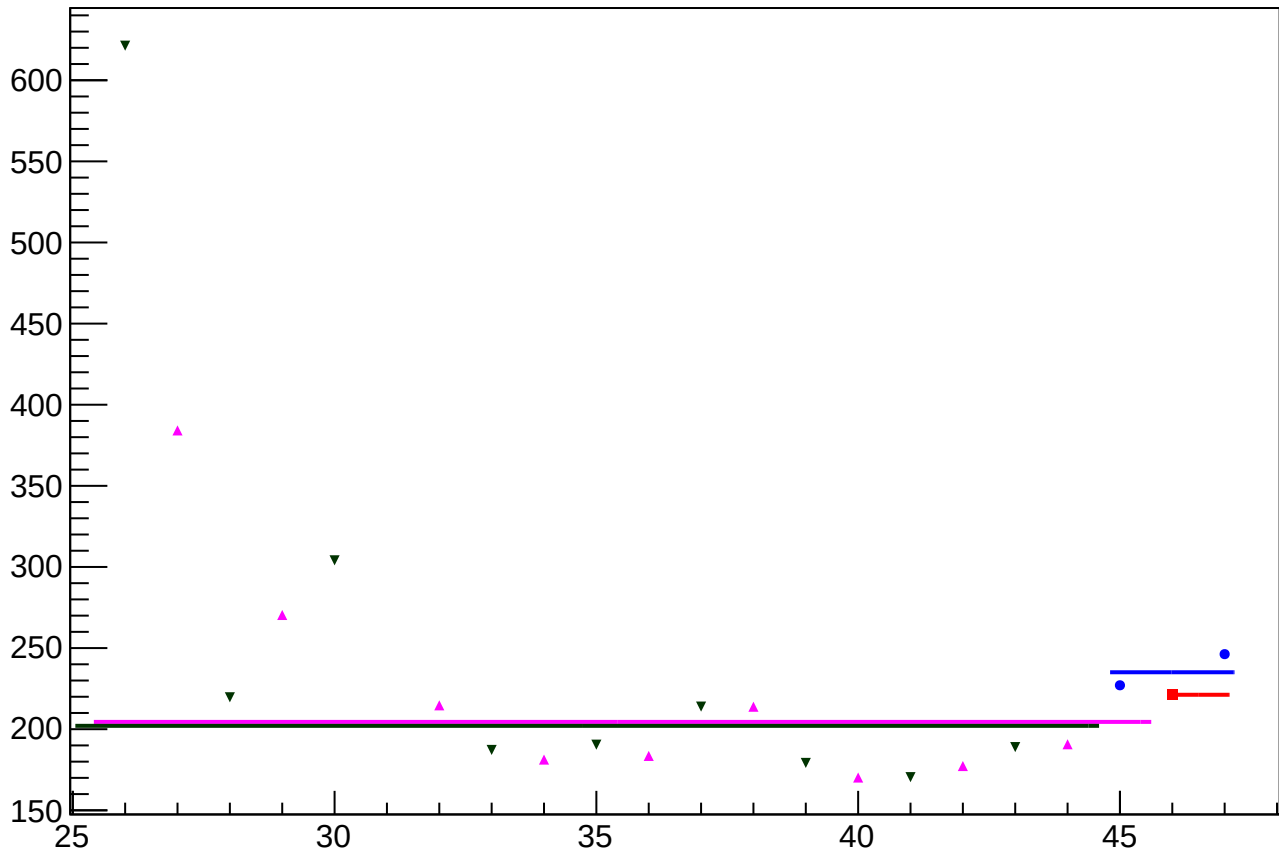
Left Out: -26.215+/-95.391 χ^2/NDF : 16.0/8

Right Out: -254.224+/-311.803 χ^2/NDF : 0.0/0

Left In: 84.239+/-89.930 χ^2/NDF : 4.1/8

-13.235+/-61.521 χ^2/NDF : 25.6/20

asym_sam_15_avg_rms vs slug



Right In: 235.096+/-0.157 χ^2/NDF : 3655.2/1

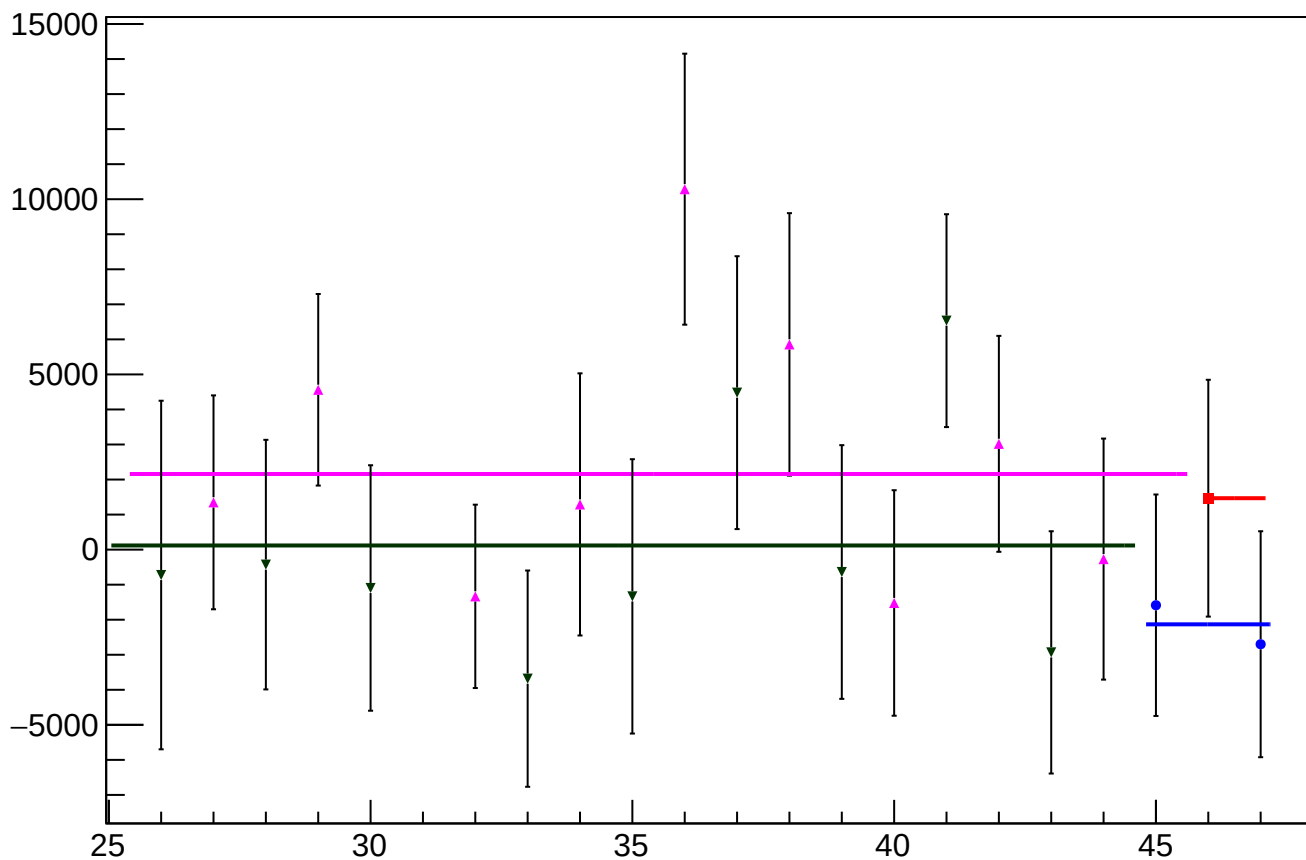
Left Out: 202.075+/-0.067 χ^2/NDF : 648677.2/8

206.501+/-0.044 χ^2/NDF : 1200280.0/20

Right Out: 221.220+/-0.220 χ^2/NDF : 0.0/0

Left In: 204.497+/-0.064 χ^2/NDF : 504859.3/8

asym_sam_26_avg_mean vs slug



Right In: -2131.811+/-2256.794 χ^2/NDF : 0.1/1

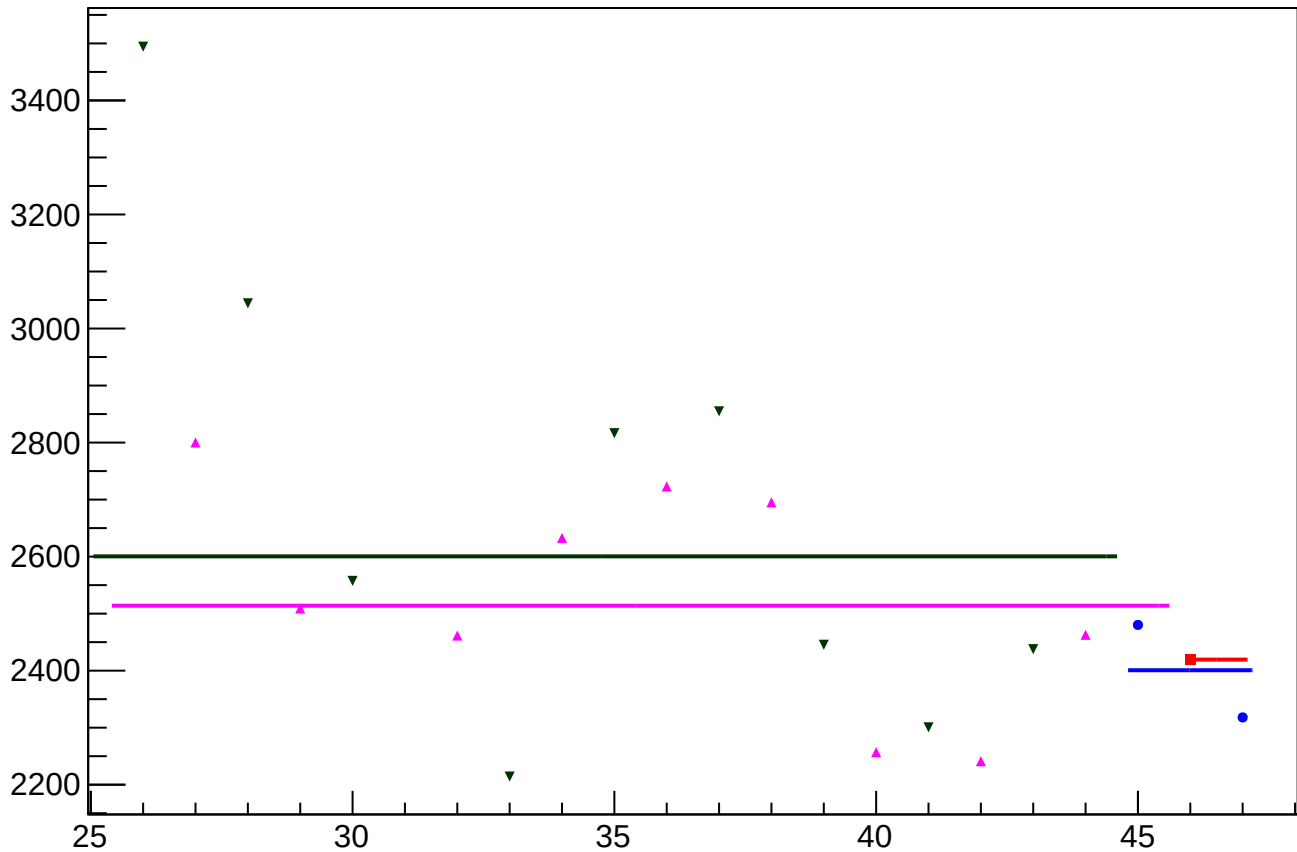
Left Out: 118.708+/-1190.644 χ^2/NDF : 8.4/8

Right Out: 1467.900+/-3379.277 χ^2/NDF : 0.0/0

Left In: 2158.051+/-1063.969 χ^2/NDF : 10.0/8

907.824+/-730.749 χ^2/NDF : 22.0/20

asym_sam_26_avg_rms vs slug



Right In: 2400.748+/-1.596 χ^2/NDF : 2581.4/1

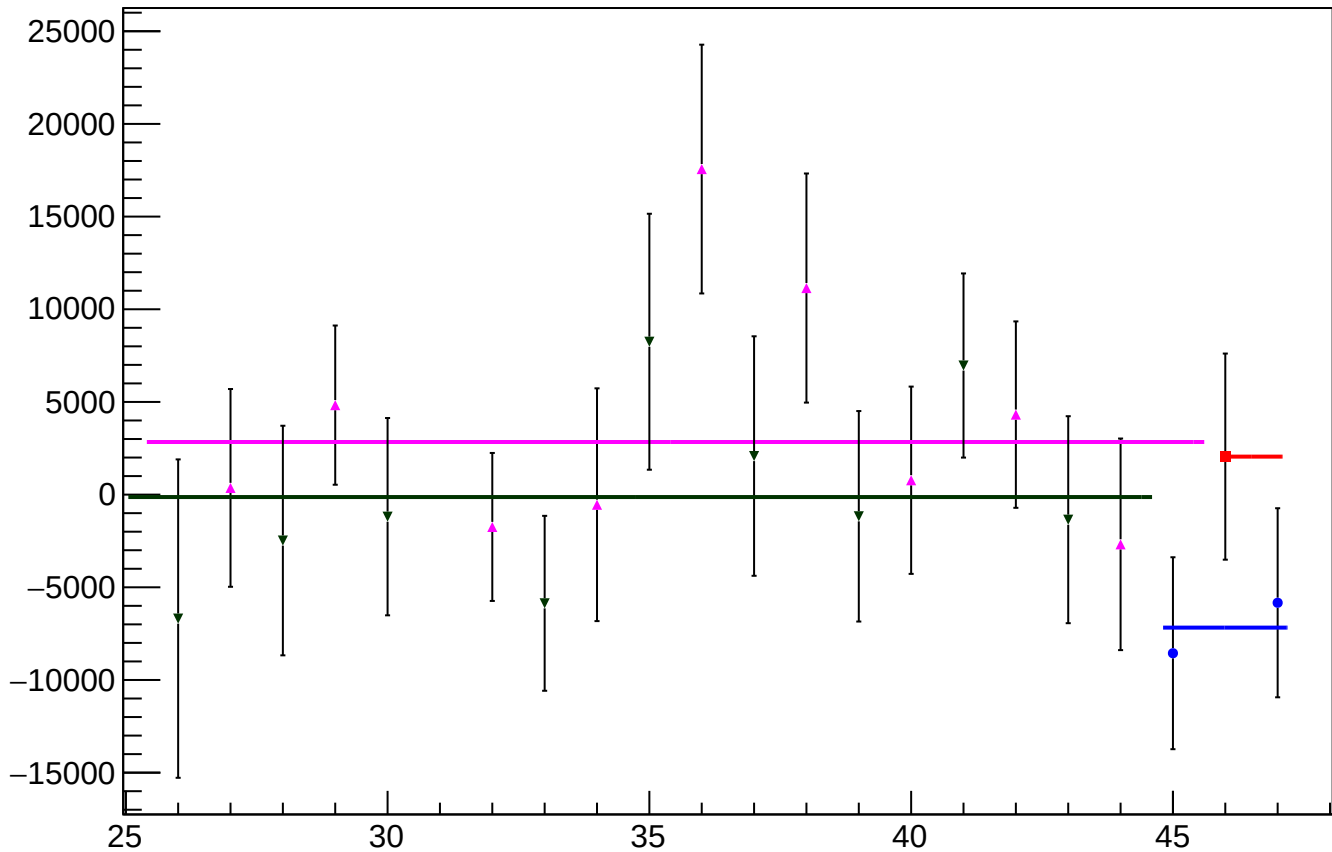
Left Out: 2600.445+/-0.842 χ^2/NDF :169500.1/8

2530.238+/-0.517 χ^2/NDF : 248056.1/20

Right Out: 2419.403+/-2.390 χ^2/NDF : 0.0/0

Left In: 2513.944+/-0.752 χ^2/NDF :59815.8/8

asym_sam_37_avg_mean vs slug



Right In: -7174.954 $\pm$ 3633.464 χ^2 /NDF: 0.1/1

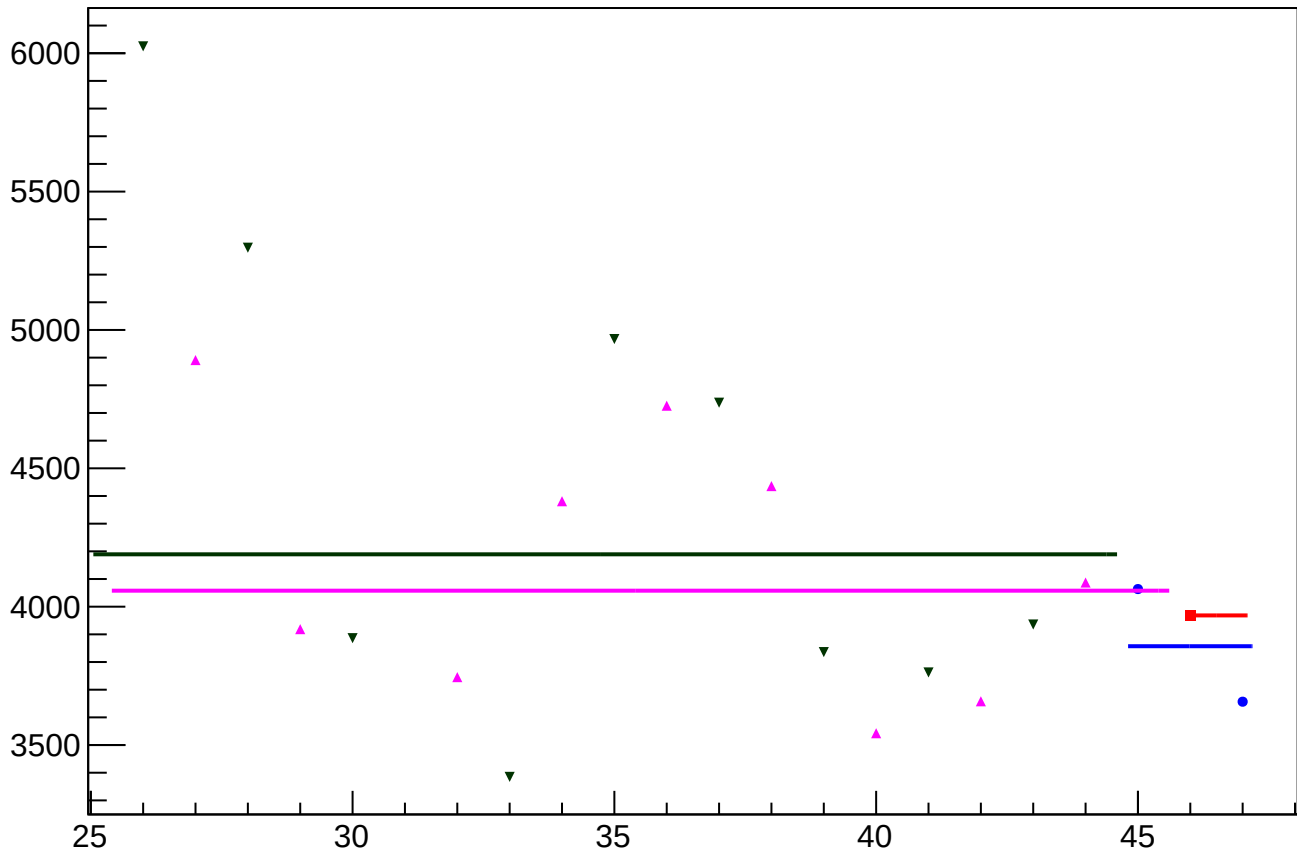
Left Out: -130.759 $\pm$ 1930.273 χ^2 /NDF: 6.0/8

617.593 $\pm$ 1185.316 χ^2 /NDF: 22.4/20

Right Out: 2050.336 $\pm$ 5560.292 χ^2 /NDF: 0.0/0

Left In: 2838.910 $\pm$ 1727.020 χ^2 /NDF: 9.8/8

asym_sam_37_avg_rms vs slug



Right In: 3857.108+/-2.569 χ^2/NDF : 6274.5/1

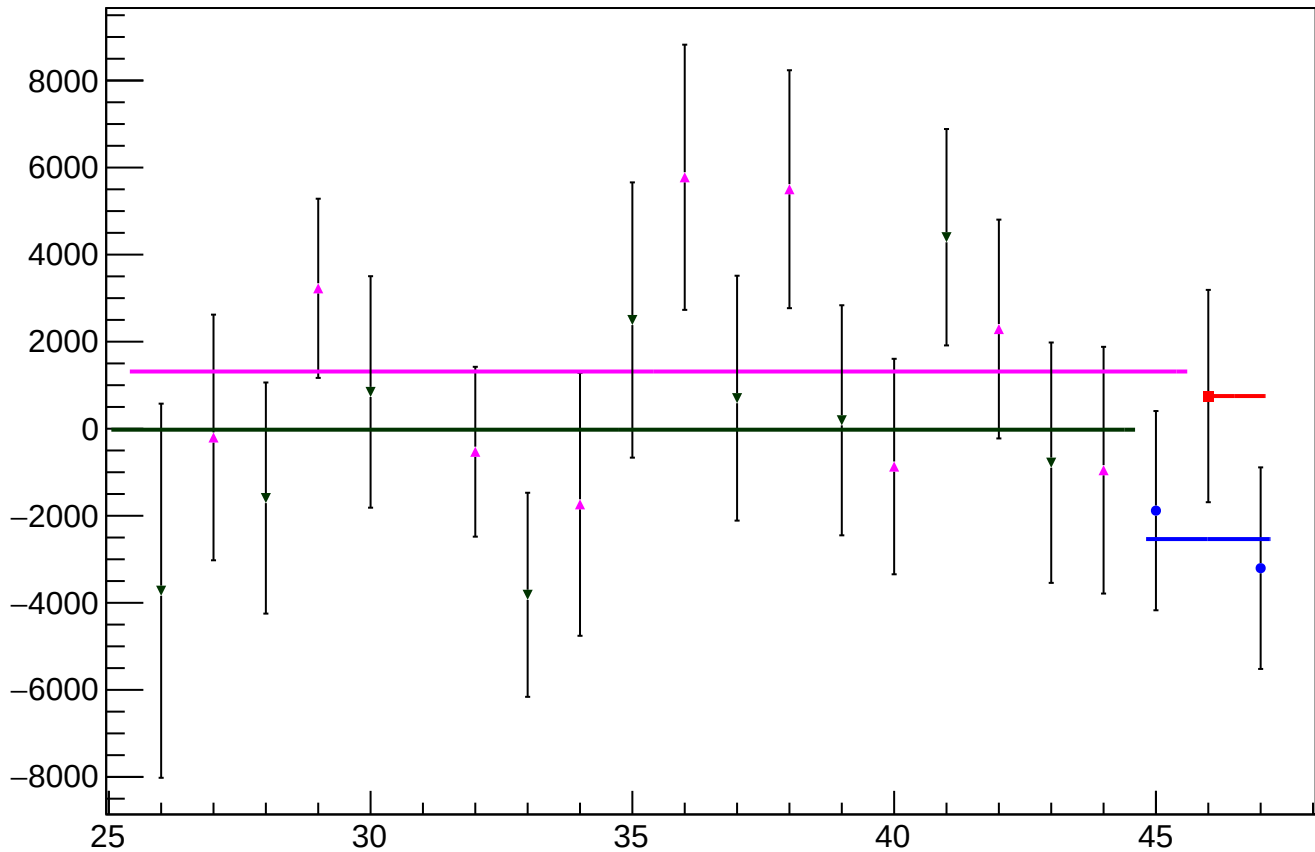
Left Out: 4189.232+/-1.365 χ^2/NDF : 286354.4/8

Right Out: 3968.430+/-3.932 χ^2/NDF : 0.0/0

Left In: 4057.817+/-1.221 χ^2/NDF : 129253.0/8

4081.949+/-0.838 χ^2/NDF : 436942.5/20

asym_sam_48_avg_mean vs slug



Right In: -2535.365+/-1627.855 χ^2/NDF : 0.2/1

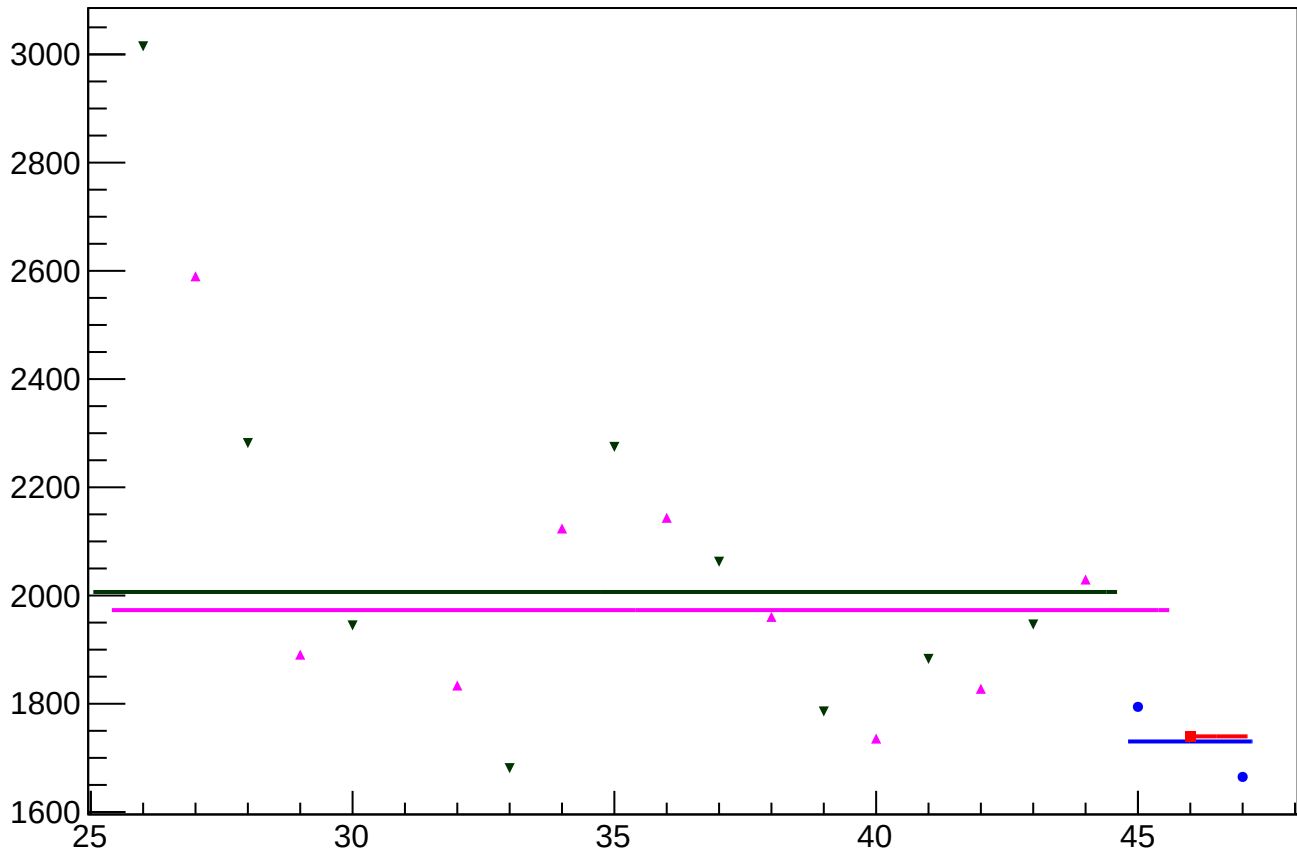
Left Out: -22.507+/-919.850 χ^2/NDF : 7.8/8

321.023+/-563.546 χ^2/NDF : 21.7/20

Right Out: 750.506+/-2438.997 χ^2/NDF : 0.0/0

Left In: 1314.189+/-838.756 χ^2/NDF : 9.1/8

asym_sam_48_avg_rms vs slug



Right In: 1730.308+/-1.151 χ^2/NDF : 3162.2/1

Left Out: 2006.587+/-0.650 χ^2/NDF : 206255.1/8

1944.102+/-0.398 χ^2/NDF : 415727.5/20

Right Out: 1739.742+/-1.725 χ^2/NDF : 0.0/0

Left In: 1973.076+/-0.593 χ^2/NDF : 146156.0/8

yield_sam_15_avg_mean vs slug



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

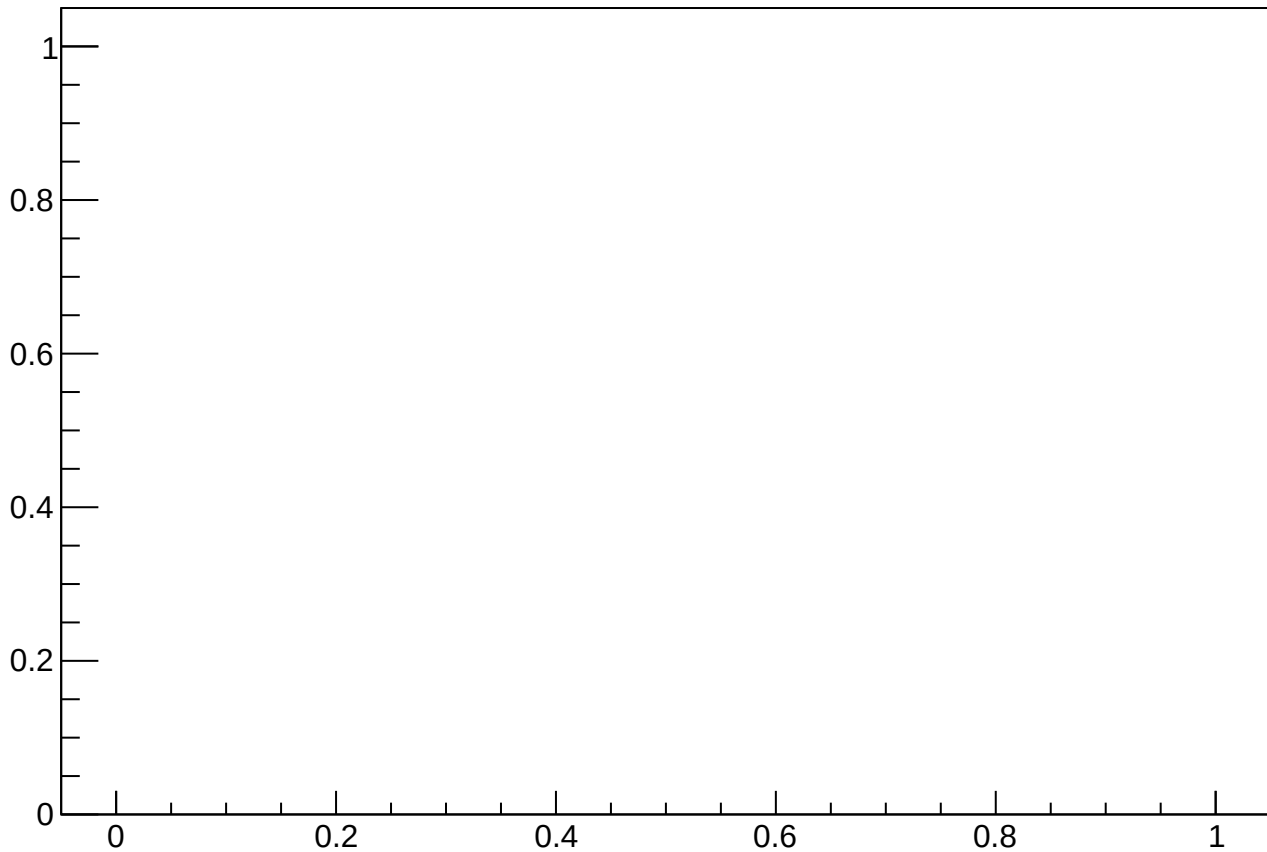
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_avg_rms vs slug



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

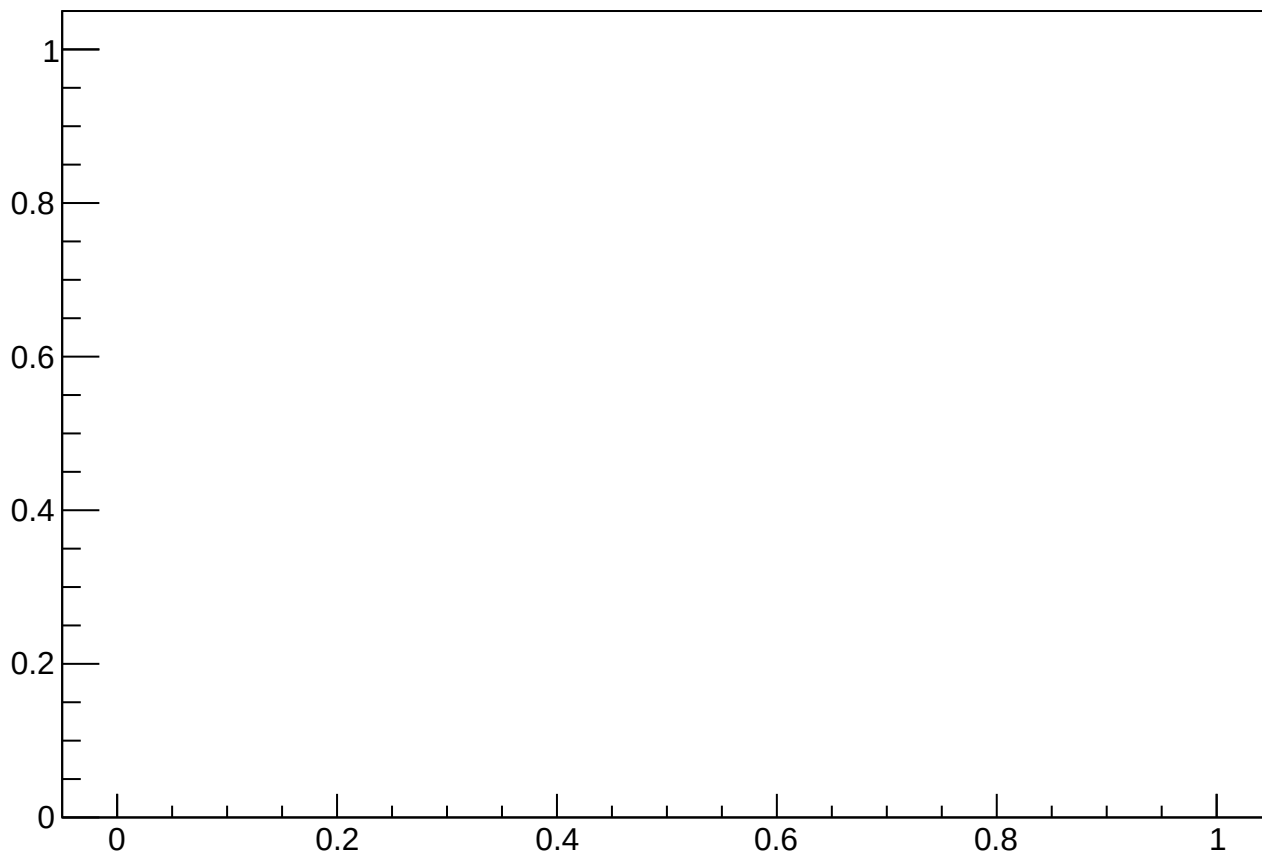
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_mean vs slug



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

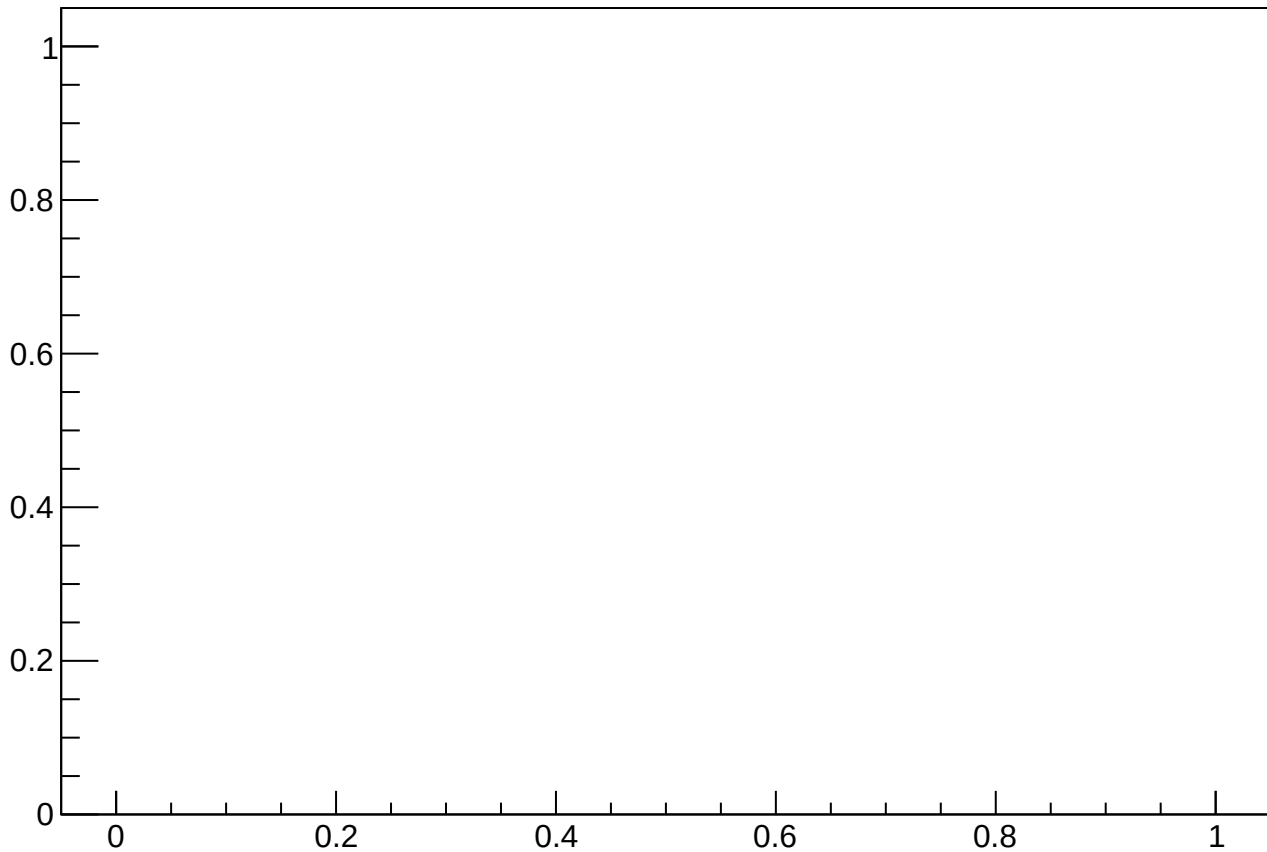
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_sam_37_avg_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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_48_avg_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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

cor_sam_15_avg_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_mean vs slug



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

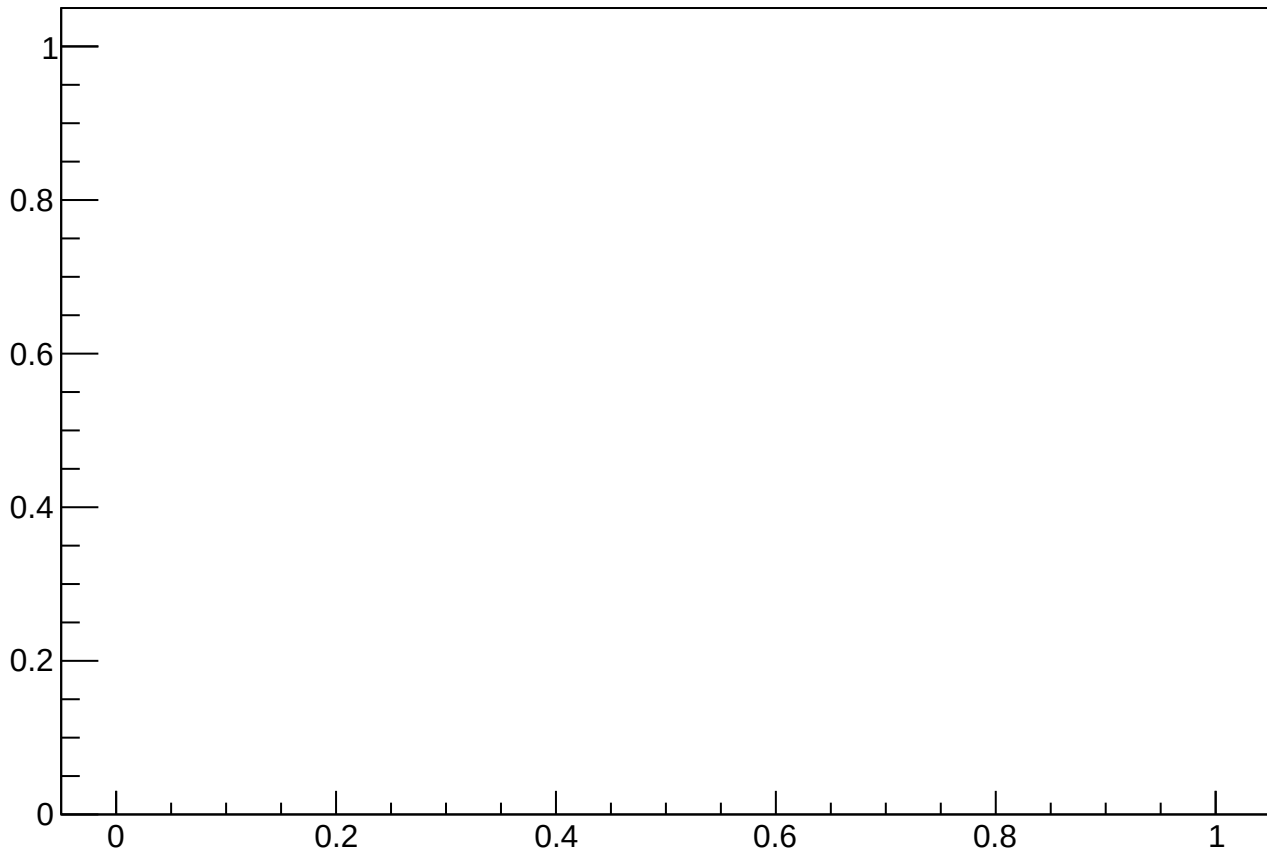
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_26_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_mean vs slug



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

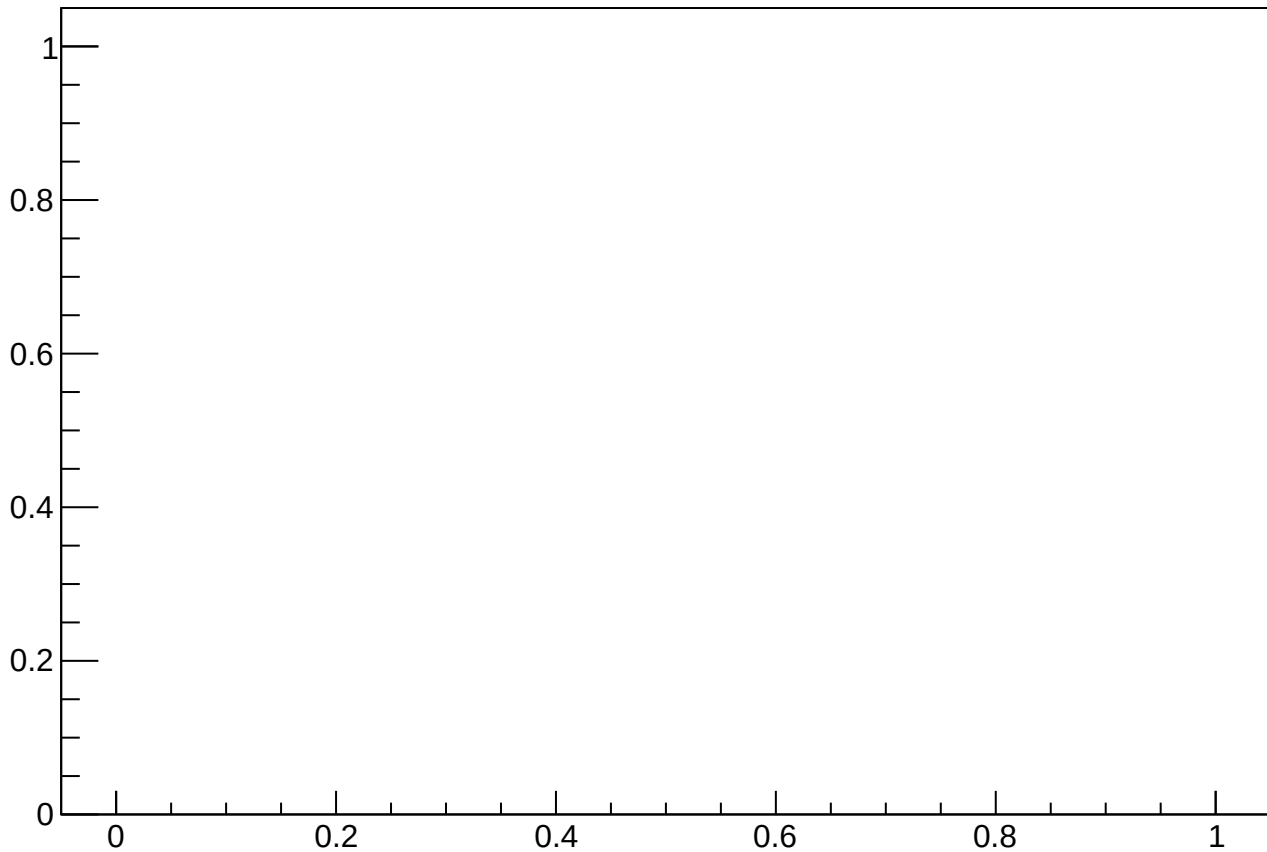
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_avg_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_48_avg_rms vs slug



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

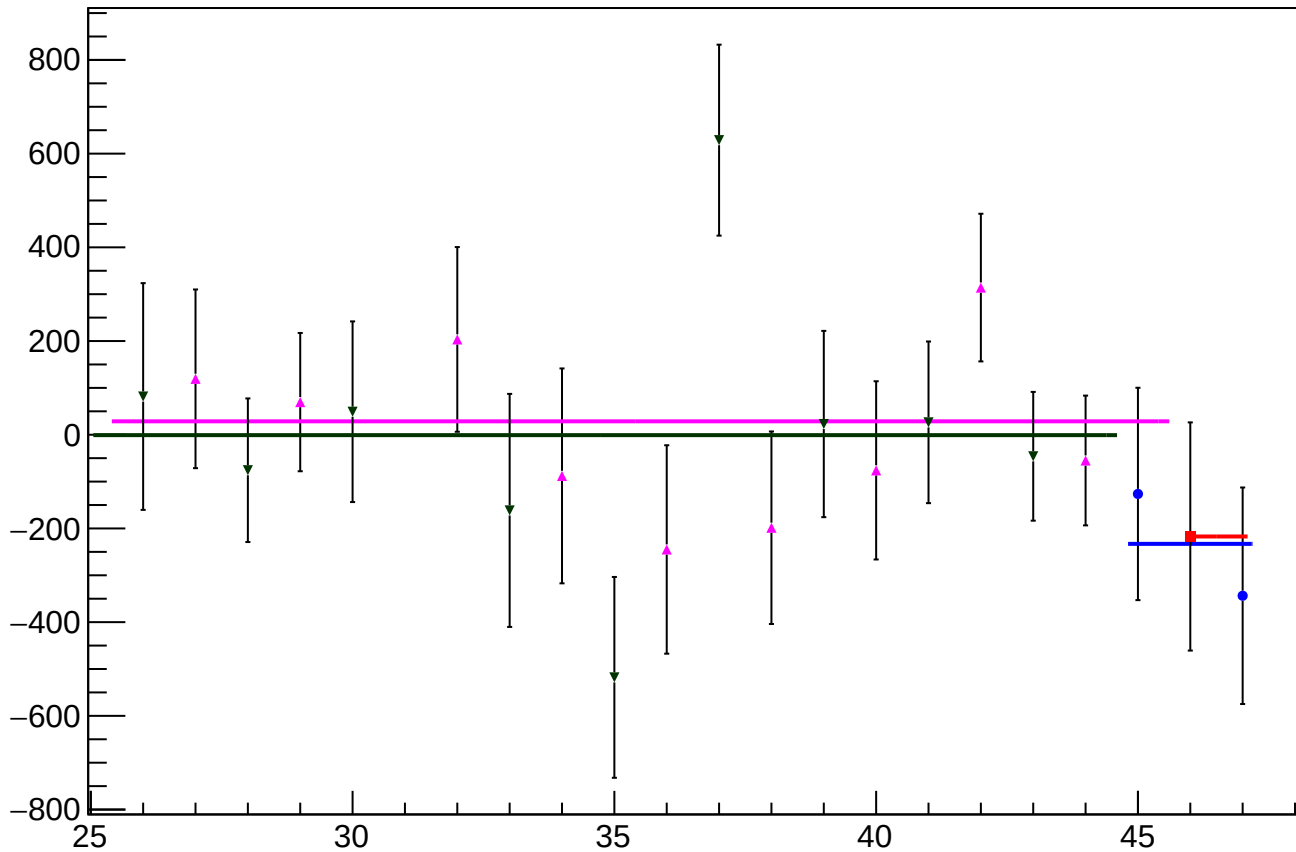
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_avg_mean vs slug



Right In: -232.910+/-161.802 χ^2/NDF : 0.5/1

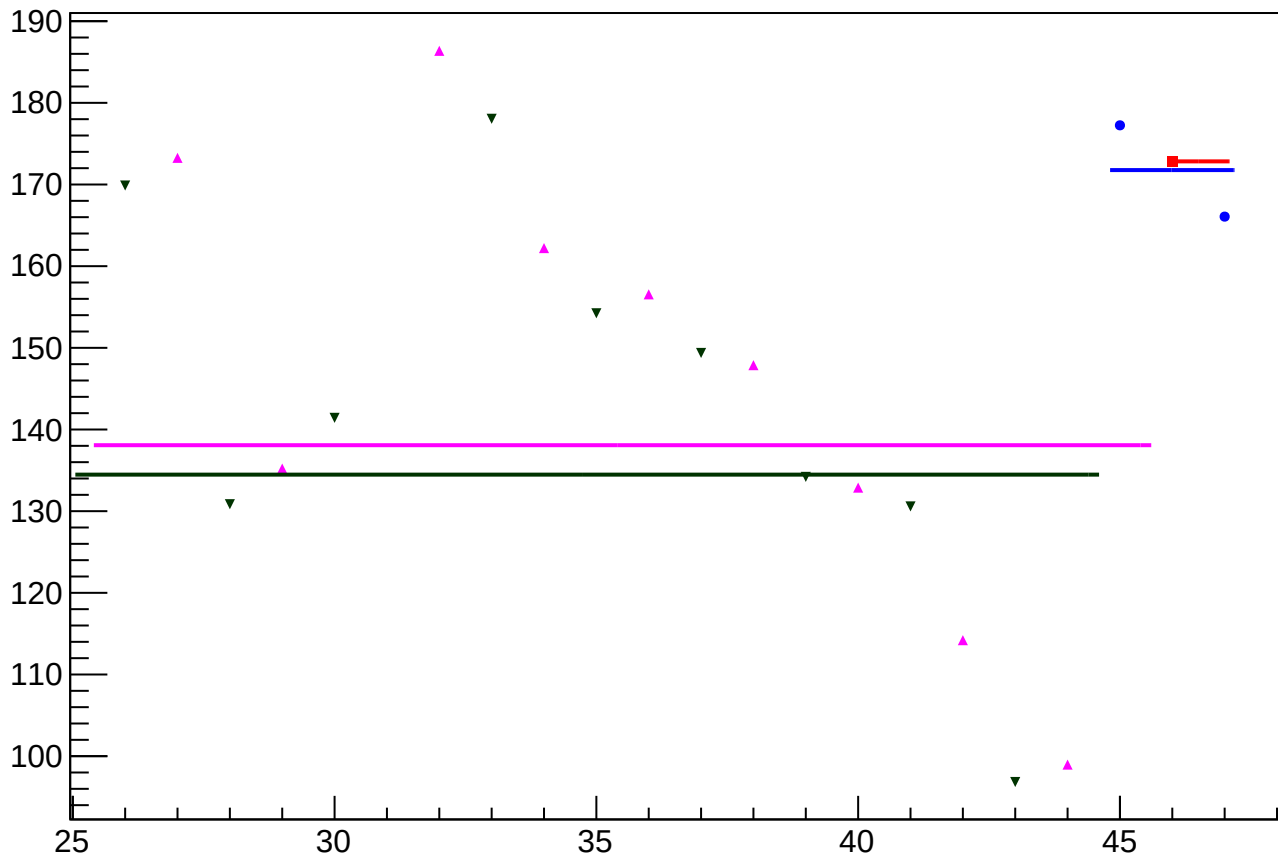
Left Out: -0.841+/-61.970 χ^2/NDF : 16.4/8

Right Out: -217.164+/-243.518 χ^2/NDF : 0.0/0

Left In: 28.630+/-59.539 χ^2/NDF : 8.0/8

-7.867+/-40.908 χ^2/NDF : 27.9/20

reg_asym_sam_15_avg_rms vs slug



Right In: 171.766+/-0.114 χ^2/NDF : 2386.3/1

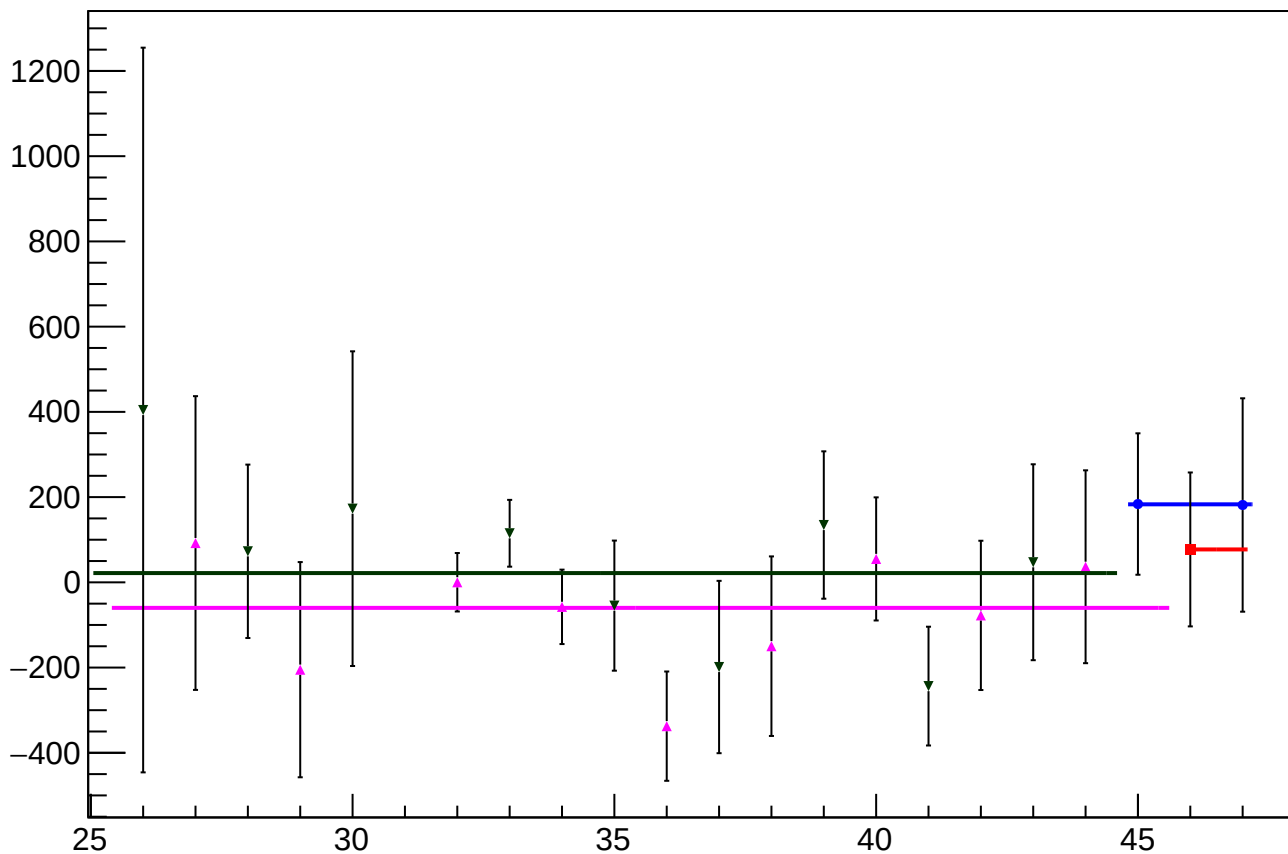
Left Out: 134.474+/-0.044 χ^2/NDF : 286634.1/8

Right Out: 172.832+/-0.172 χ^2/NDF : 0.0/0

Left In: 138.078+/-0.042 χ^2/NDF : 436286.0/8

139.642+/-0.029 χ^2/NDF : 856584.3/20

asym_sam_15_avg_correction_mean vs slug



Right In: 183.066 $\pm$ 138.312 χ^2/NDF : 0.0/1

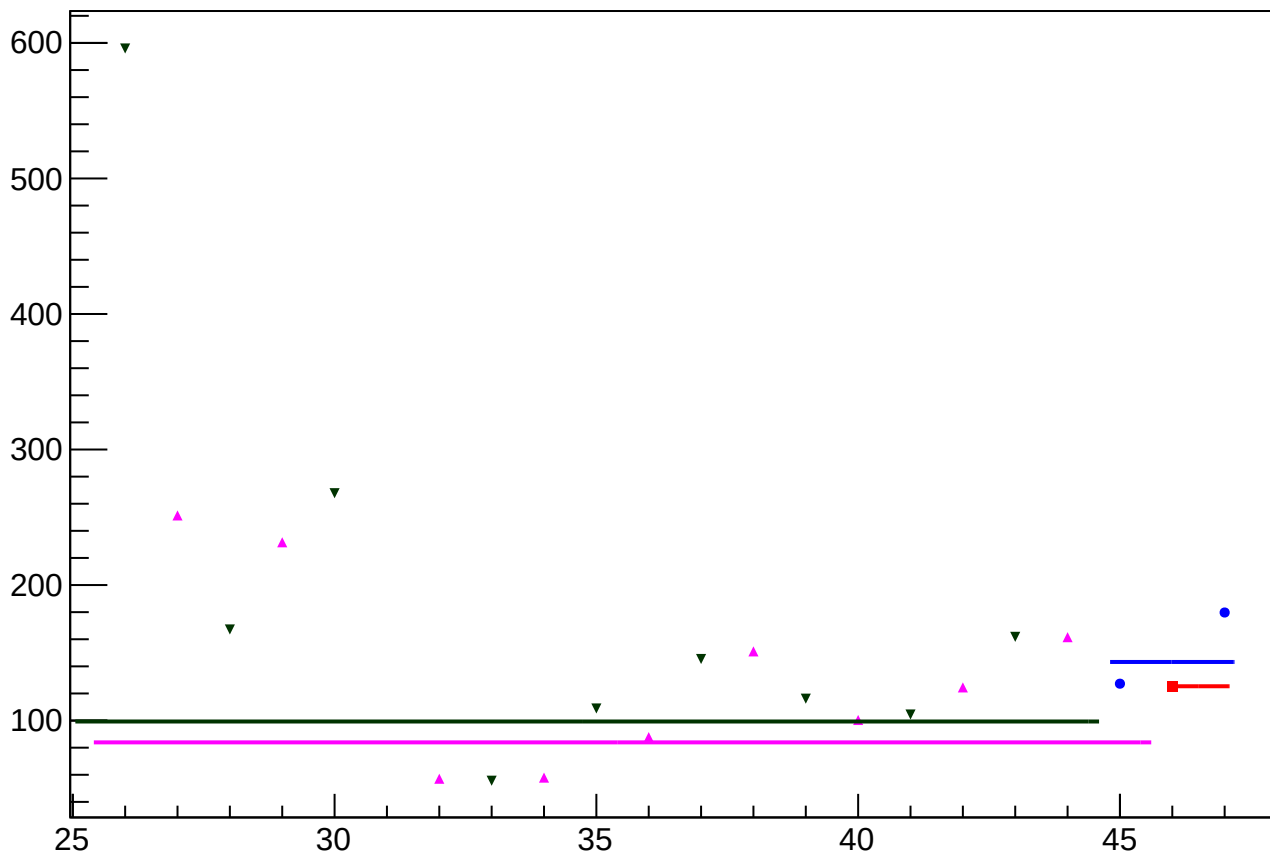
Left Out: 21.743 $\pm$ 52.206 χ^2/NDF : 7.4/8

-13.094 $\pm$ 31.608 χ^2/NDF : 18.3/20

Right Out: 77.211 $\pm$ 180.590 χ^2/NDF : 0.0/0

Left In: -59.919 $\pm$ 42.598 χ^2/NDF : 7.0/8

asym_sam_15_avg_correction_rms vs slug



Right In: 143.244+/-0.098 χ^2/NDF : 61152.8/1

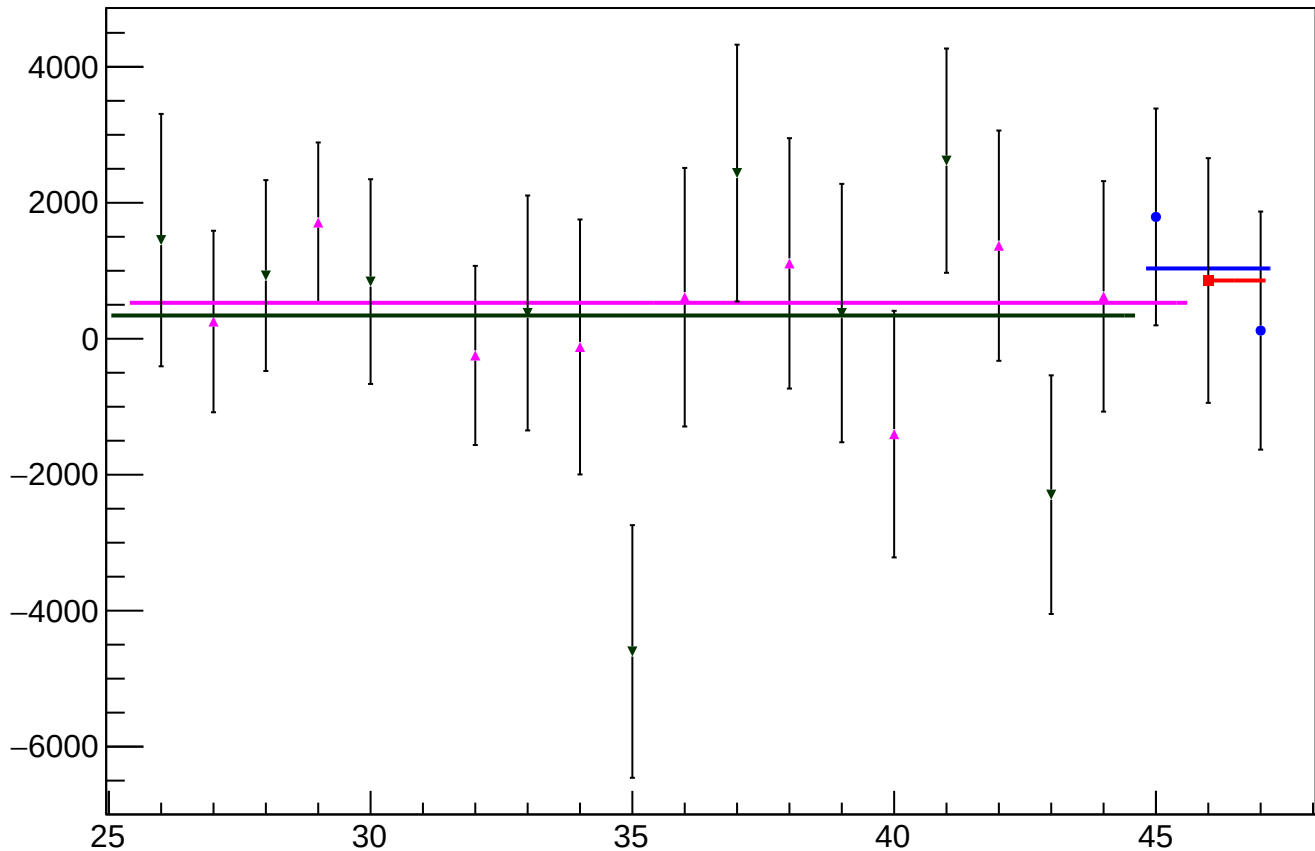
Left Out: 99.318+/-0.037 χ^2/NDF : 2224371.1/8

Right Out: 125.319+/-0.128 χ^2/NDF : 0.0/0

Left In: 83.913+/-0.030 χ^2/NDF : 2212587.0/8

93.927+/-0.022 χ^2/NDF : 4944680.0/20

reg_asym_sam_26_avg_mean vs slug



Right In: 1034.091+/-1179.077 χ^2/NDF : 0.5/1

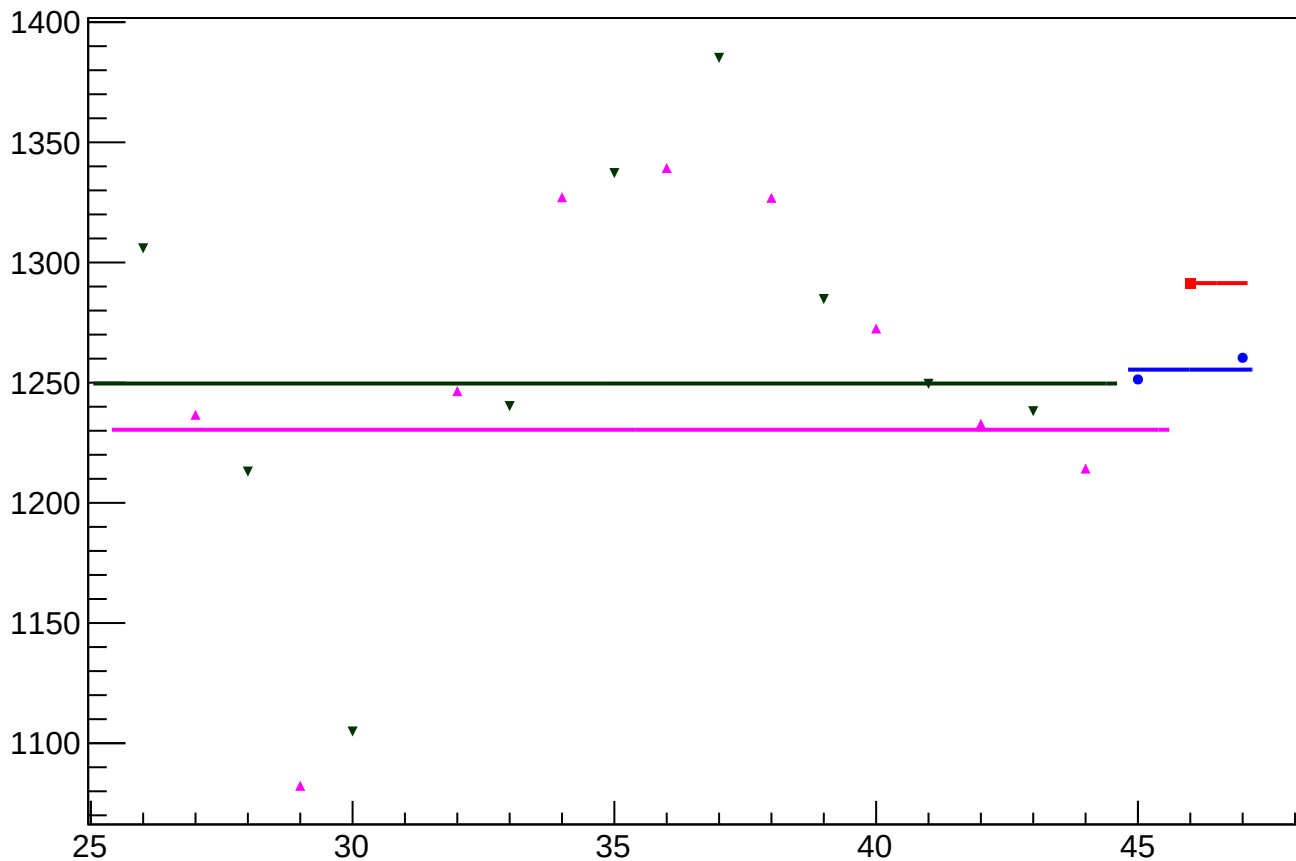
Left Out: 342.094+/-566.846 χ^2/NDF : 13.1/8

513.962+/-356.800 χ^2/NDF : 16.9/20

Right Out: 856.833+/-1799.758 χ^2/NDF : 0.0/0

Left In: 528.742+/-518.835 χ^2/NDF : 3.0/8

reg_asym_sam_26_avg_rms vs slug



Right In: 1255.434+/-0.834 χ^2/NDF : 28.9/1

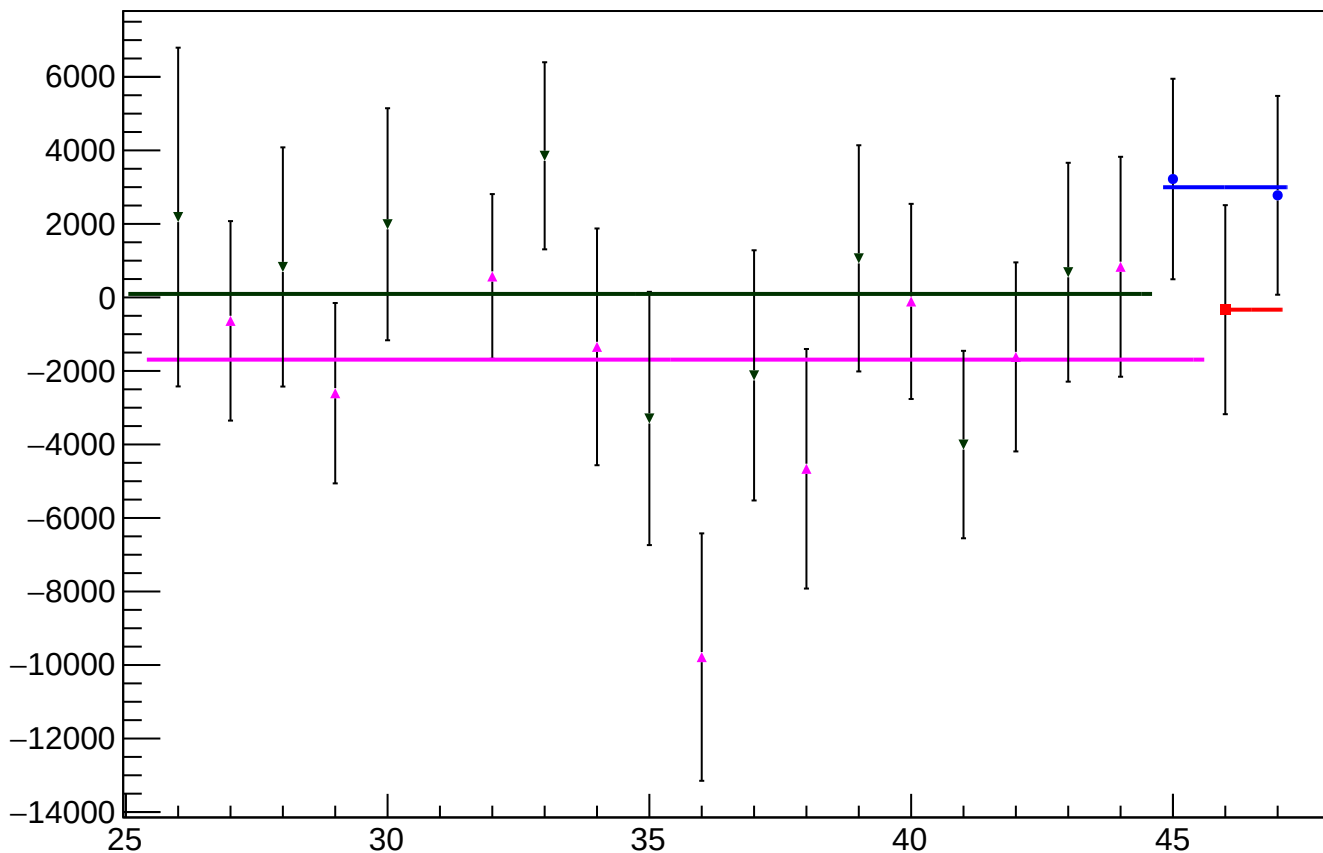
Left Out: 1249.652+/-0.401 χ^2/NDF : 37250.0/8

Right Out: 1291.430+/-1.273 χ^2/NDF : 0.0/0

Left In: 1230.414+/-0.367 χ^2/NDF : 50656.3/8

1242.725+/-0.252 χ^2/NDF : 91056.9/20

asym_sam_26_avg_correction_mean vs slug



Right In: 2997.596+/-1920.227 χ^2/NDF : 0.0/1

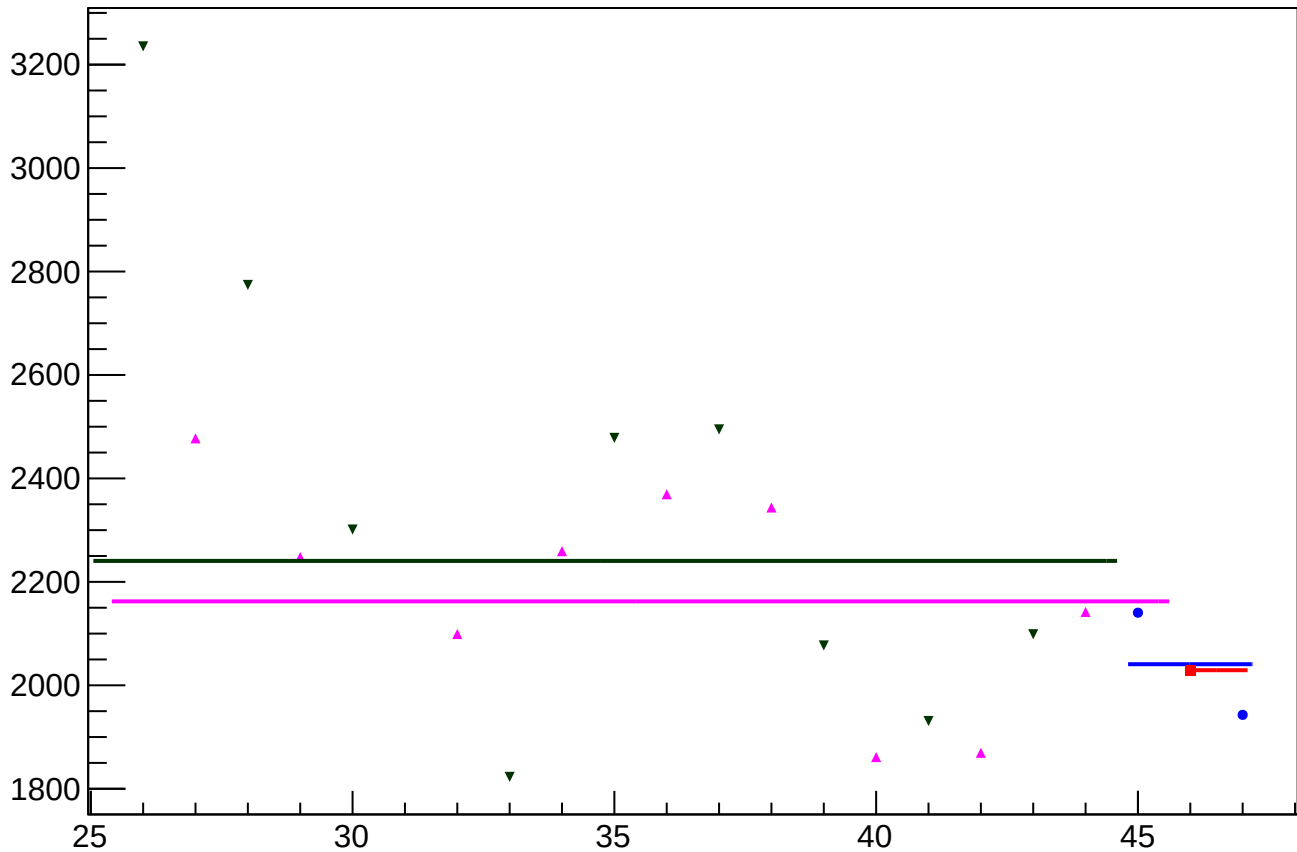
Left Out: 95.135+/-1031.834 χ^2/NDF : 6.9/8

Right Out: -333.241+/-2843.375 χ^2/NDF : 0.0/0

Left In: -1692.209+/-918.693 χ^2/NDF : 9.0/8

-454.111+/-630.068 χ^2/NDF : 21.3/20

asym_sam_26_avg_correction_rms vs slug



Right In: 2040.809+/-1.358 χ^2/NDF : 5291.0/1

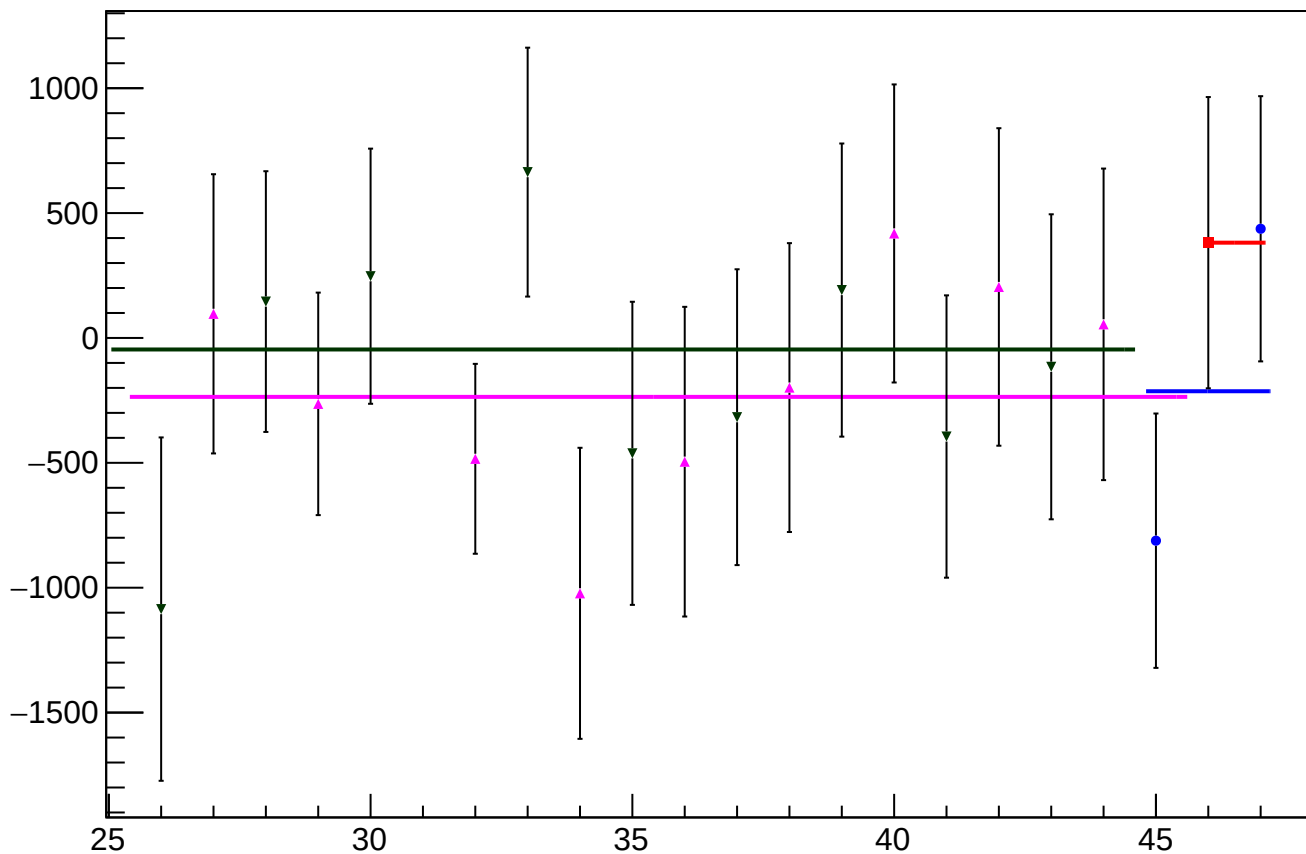
Left Out: 2240.527+/-0.730 χ^2/NDF : 261944.4/8

2171.839+/-0.446 χ^2/NDF : 388991.9/20

Right Out: 2029.206+/-2.011 χ^2/NDF : 0.0/0

Left In: 2162.270+/-0.650 χ^2/NDF : 98331.4/8

reg_asym_sam_37_avg_mean vs slug



Right In: -213.382+/-367.515 χ^2/NDF : 2.9/1

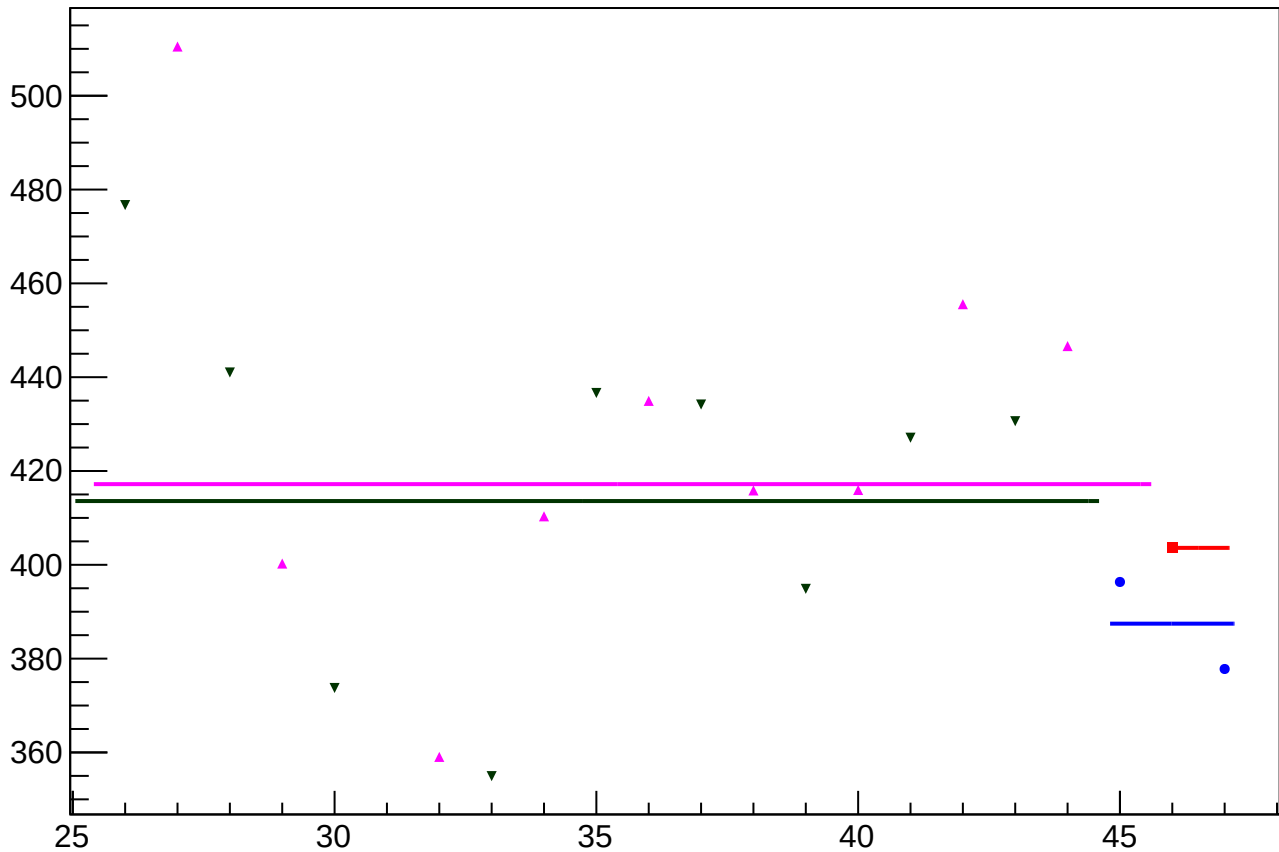
Left Out: -46.161+/-189.227 χ^2/NDF : 6.0/8

Right Out: 381.494+/-583.085 χ^2/NDF : 0.0/0

Left In: -235.930+/-178.034 χ^2/NDF : 4.7/8

-131.626+/-119.675 χ^2/NDF : 15.0/20

reg_asym_sam_37_avg_rms vs slug



Right In: 387.454+/-0.260 χ^2/NDF : 1272.1/1

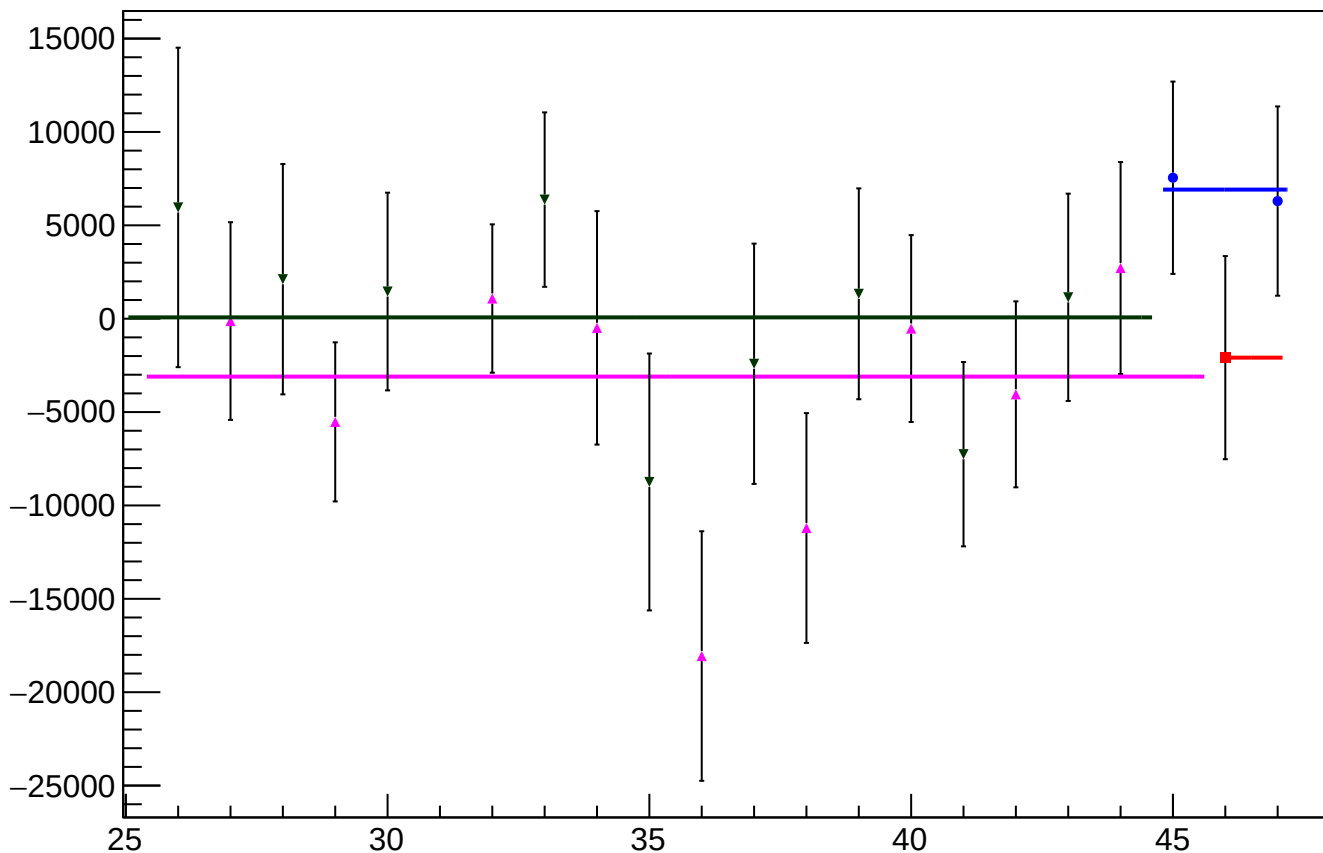
Left Out: 413.594+/-0.134 χ^2/NDF : 72269.3/8

Right Out: 403.612+/-0.412 χ^2/NDF : 0.0/0

Left In: 417.200+/-0.126 χ^2/NDF : 119061.3/8

412.031+/-0.085 χ^2/NDF : 203786.1/20

asym_sam_37_avg_correction_mean vs slug



Right In: 6913.480 ± 3611.843 χ^2/NDF : 0.0/1

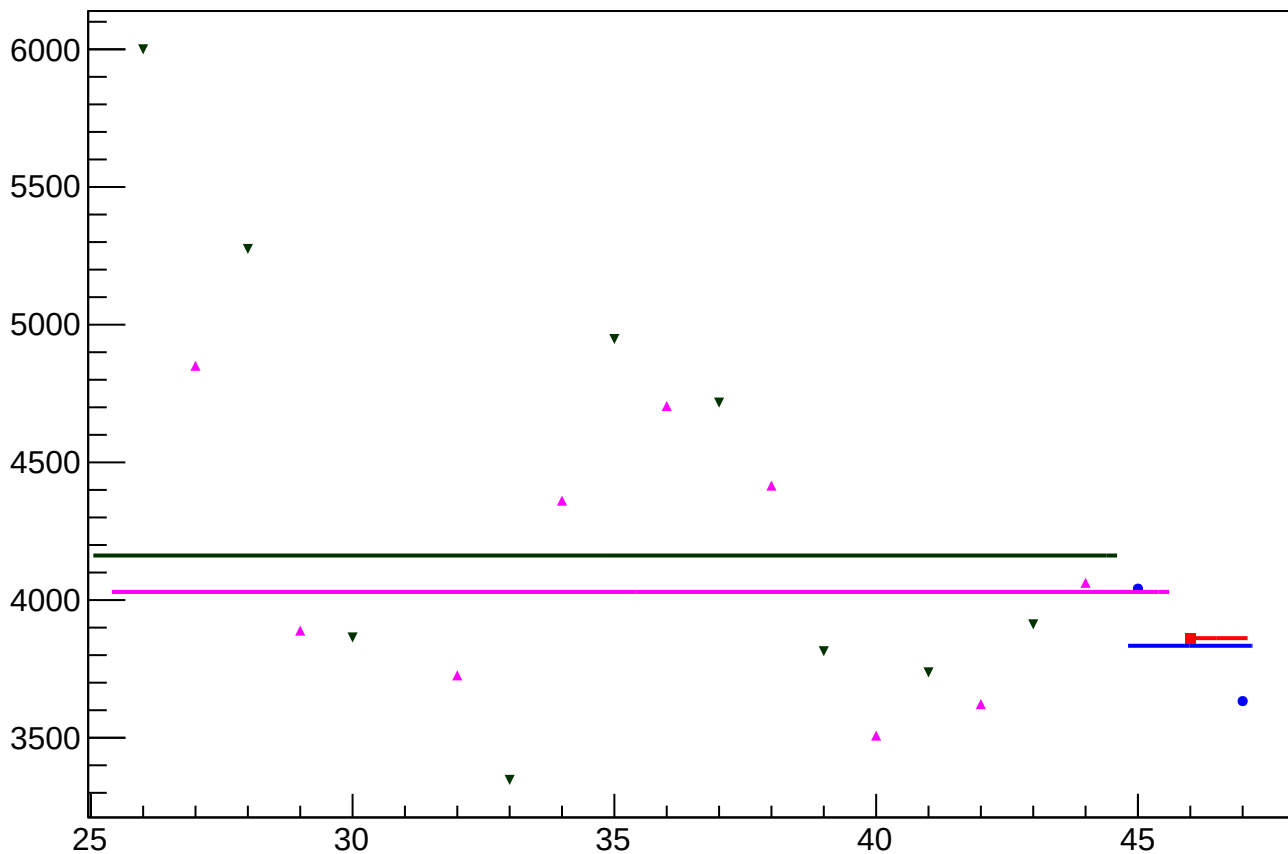
Left Out: 70.645 ± 1918.480 χ^2/NDF : 6.6/8

Right Out: -2085.369 ± 5438.957 χ^2/NDF : 0.0/0

Left In: -3100.761 ± 1715.226 χ^2/NDF : 10.0/8

-796.759 ± 1176.828 χ^2/NDF : 23.2/20

asym_sam_37_avg_correction_rms vs slug



Right In: 3834.057+/-2.554 χ^2/NDF : 6388.9/1

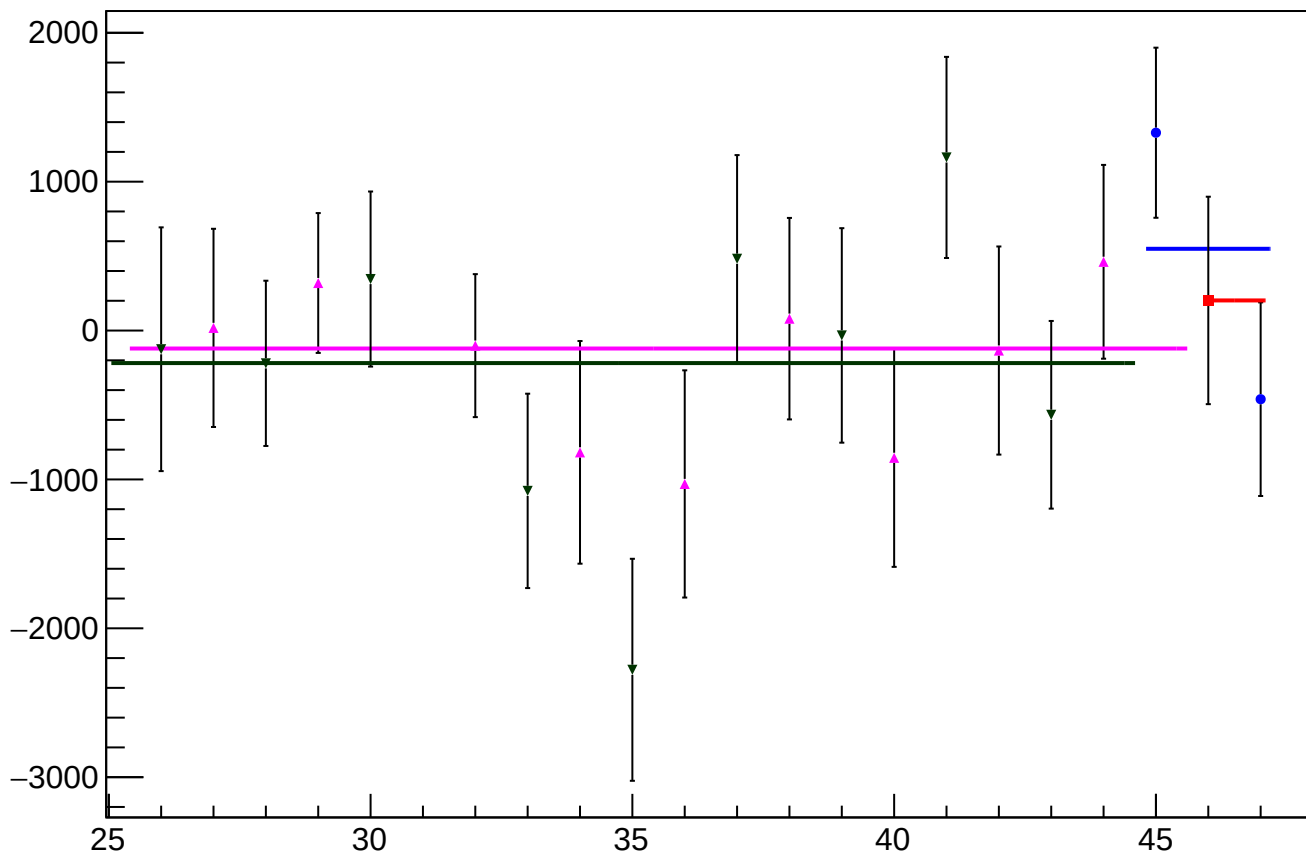
Left Out: 4161.804+/-1.357 χ^2/NDF : 292155.7/8

Right Out: 3861.710+/-3.846 χ^2/NDF : 0.0/0

Left In: 4029.509+/-1.213 χ^2/NDF : 131051.5/8

4050.684+/-0.832 χ^2/NDF : 446219.3/20

reg_asym_sam_48_avg_mean vs slug



Right In: 549.140+/-429.172 χ^2/NDF : 4.3/1

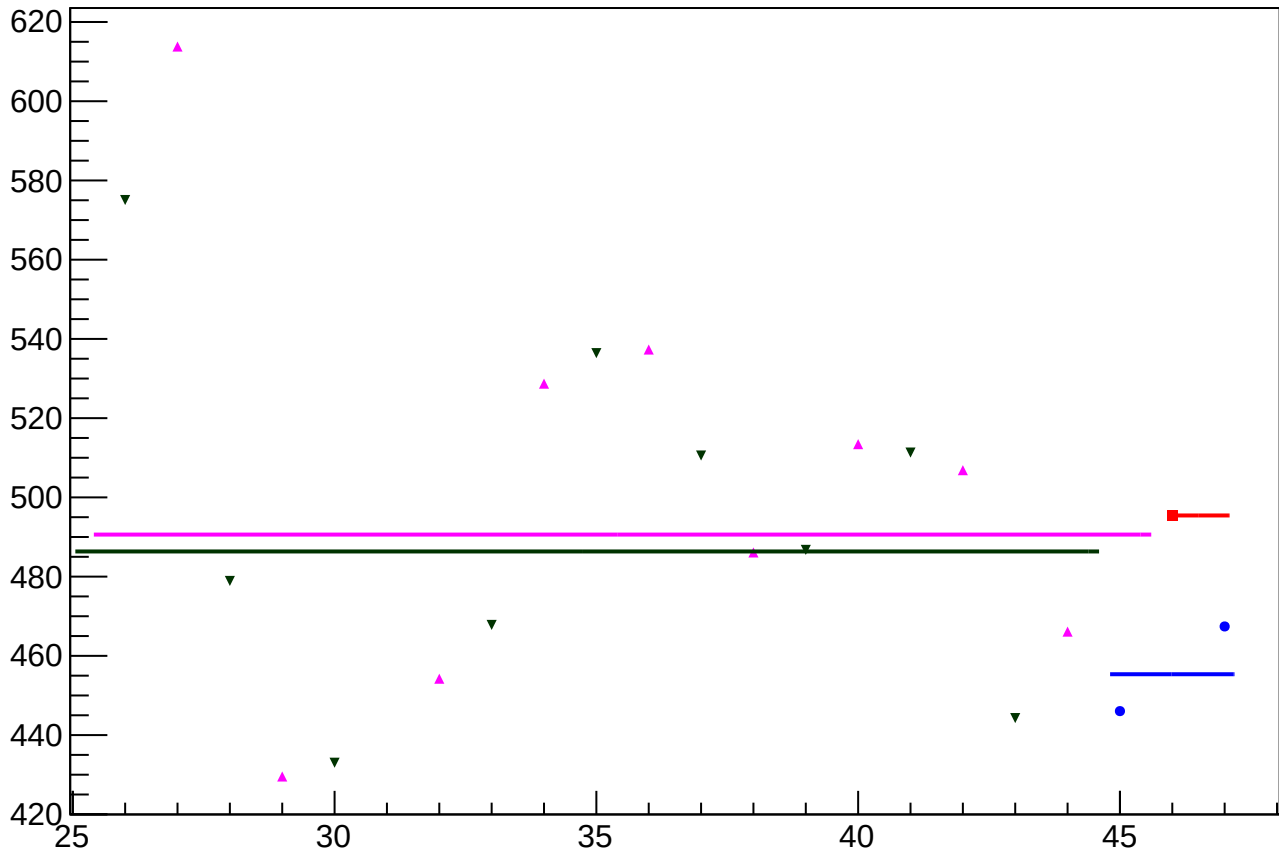
Left Out: -218.435+/-220.998 χ^2/NDF :15.9/8

Right Out: 202.311+/-696.702 χ^2/NDF : 0.0/0

Left In: -120.677+/-208.123 χ^2/NDF :5.1/8

-75.616+/-139.958 χ^2/NDF : 28.0/20

reg_asym_sam_48_avg_rms vs slug



Right In: 455.361+/-0.303 χ^2/NDF : 1218.9/1

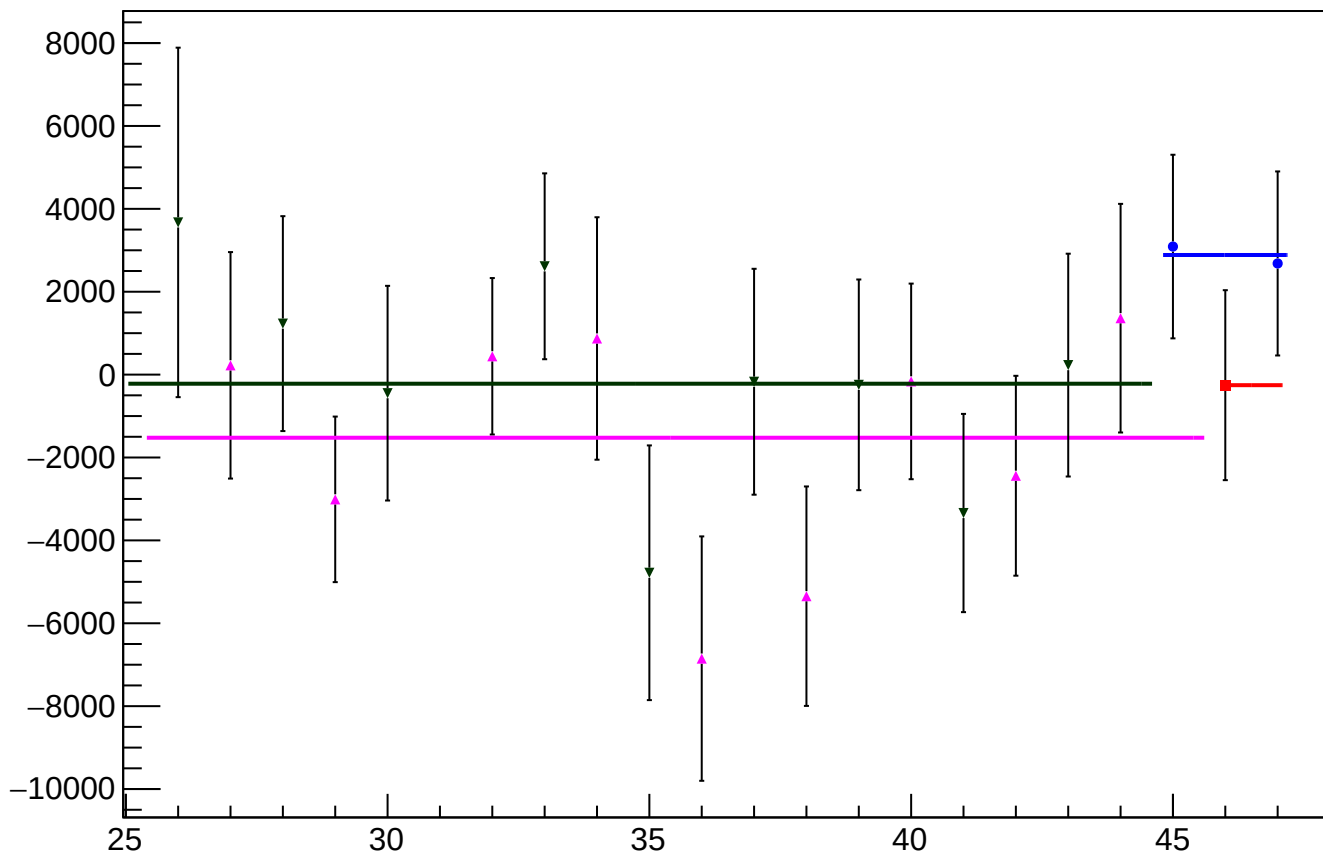
Left Out: 486.351+/-0.156 χ^2/NDF : 64986.4/8

Right Out: 495.437+/-0.493 χ^2/NDF : 0.0/0

Left In: 490.611+/-0.147 χ^2/NDF : 132414.1/8

485.348+/-0.099 χ^2/NDF : 210123.2/20

asym_sam_48_avg_correction_mean vs slug



Right In: 2886.547+/-1568.277 χ^2/NDF : 0.0/1

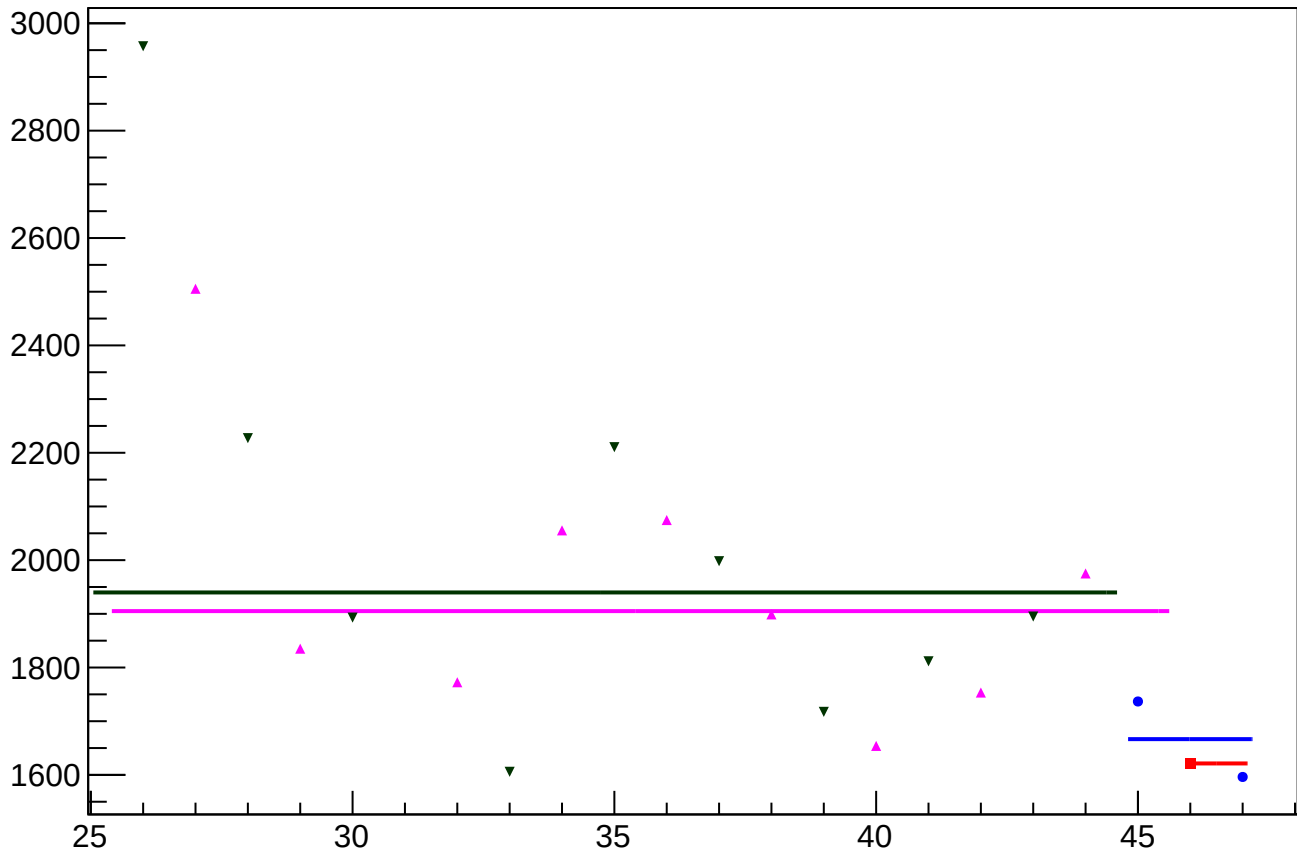
Left Out: -219.615+/-890.368 χ^2/NDF : 6.7/8

Right Out: -254.809+/-2291.875 χ^2/NDF : 0.0/0

Left In: -1523.165+/-810.399 χ^2/NDF : 9.6/8

-435.120+/-543.844 χ^2/NDF : 22.7/20

asym_sam_48_avg_correction_rms vs slug



Right In: 1666.618+/-1.109 χ^2/NDF : 4017.6/1

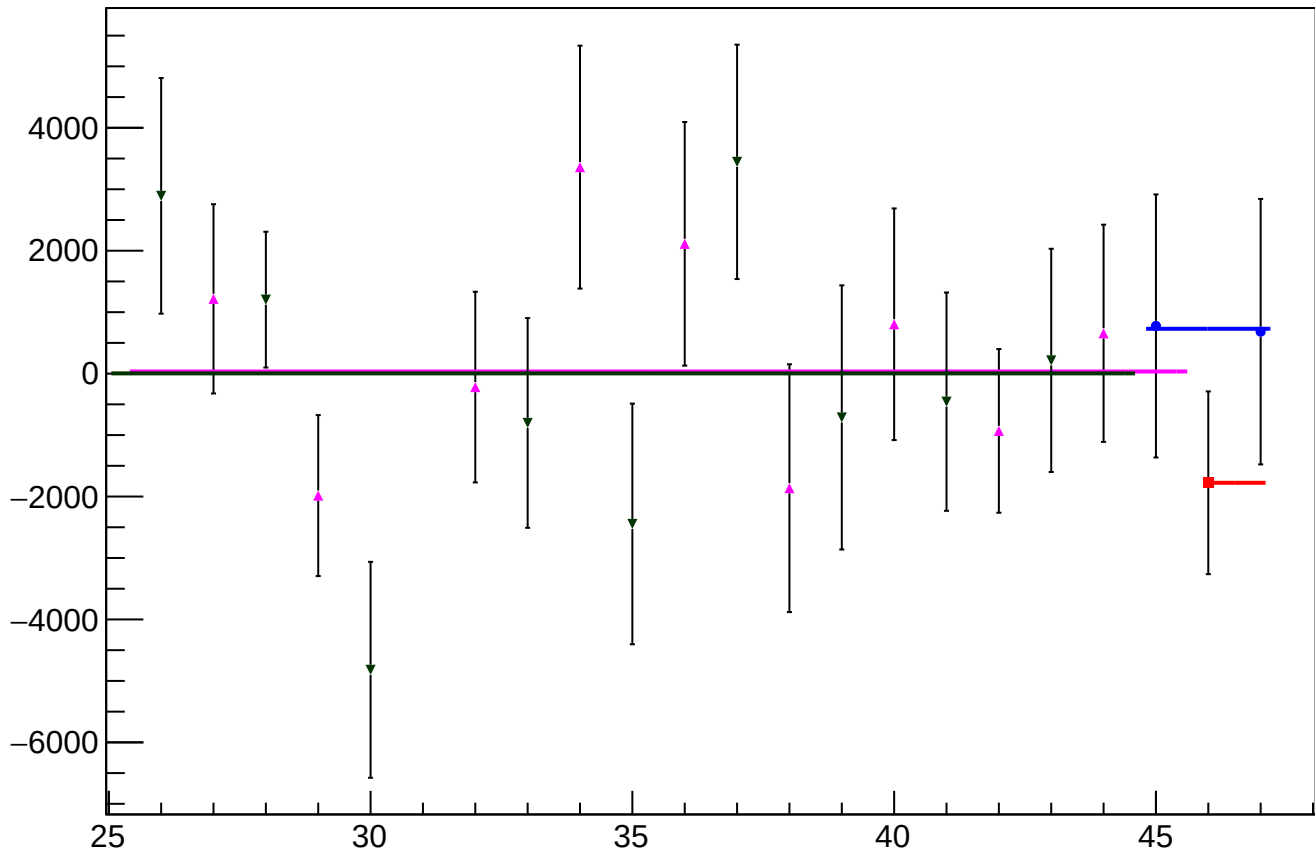
Left Out: 1939.826+/-0.630 χ^2/NDF :224098.1/8

1873.385+/-0.385 χ^2/NDF : 453909.4/20

Right Out: 1621.321+/-1.621 χ^2/NDF : 0.0/0

Left In: 1905.071+/-0.573 χ^2/NDF :152641.8/8

asym_sam_15_dd_mean vs slug



Right In: 729.771 $\pm$ 1520.310 χ^2 /NDF: 0.0/1

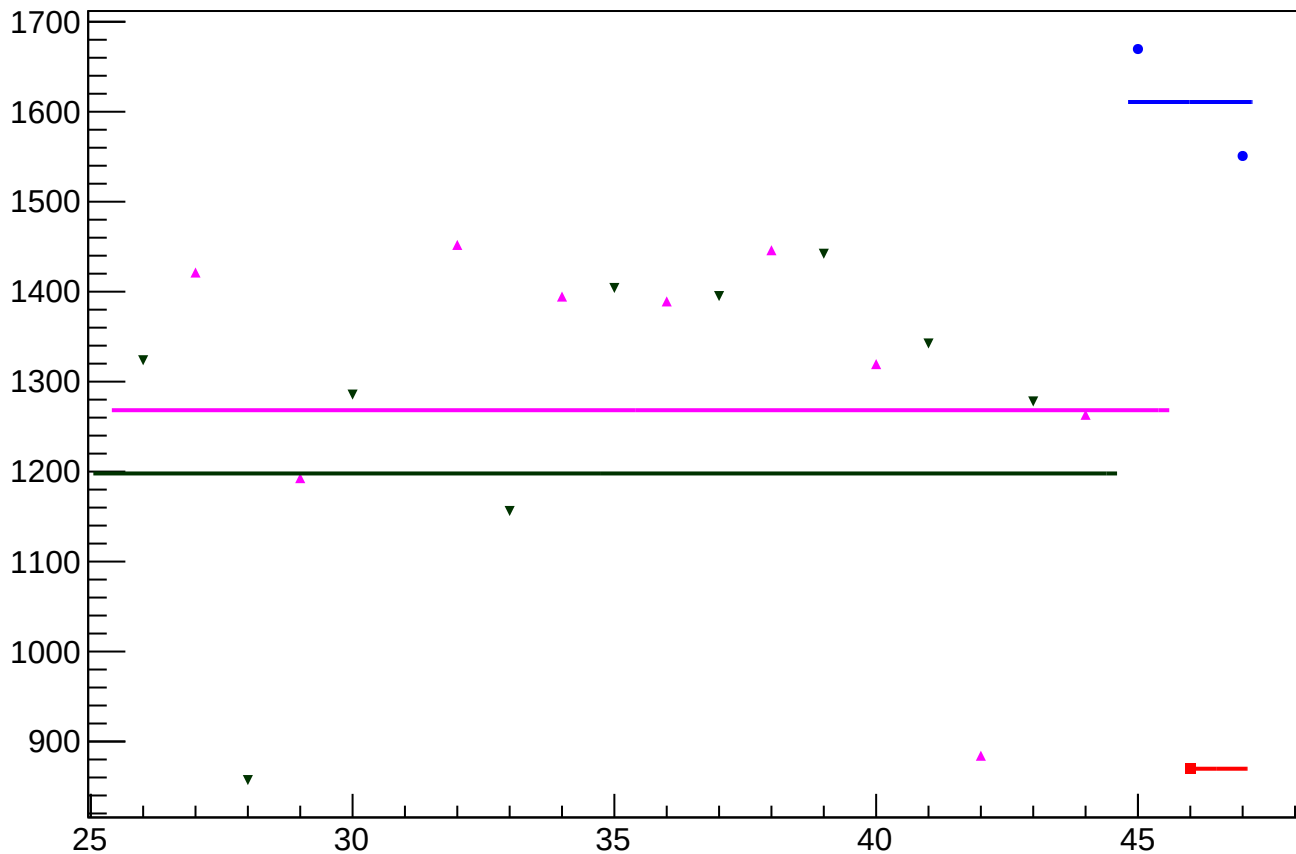
Left Out: 4.096 $\pm$ 565.128 χ^2 /NDF:16.2/8

-48.784 $\pm$ 368.648 χ^2 /NDF: 26.5/20

Right Out: -1776.318 $\pm$ 1487.045 χ^2 /NDF: 0.0/0

Left In: 34.637 $\pm$ 546.991 χ^2 /NDF:8.6/8

asym_sam_15_dd_rms vs slug



Right In: 1610.818+/-1.075 χ^2/NDF : 3055.9/1

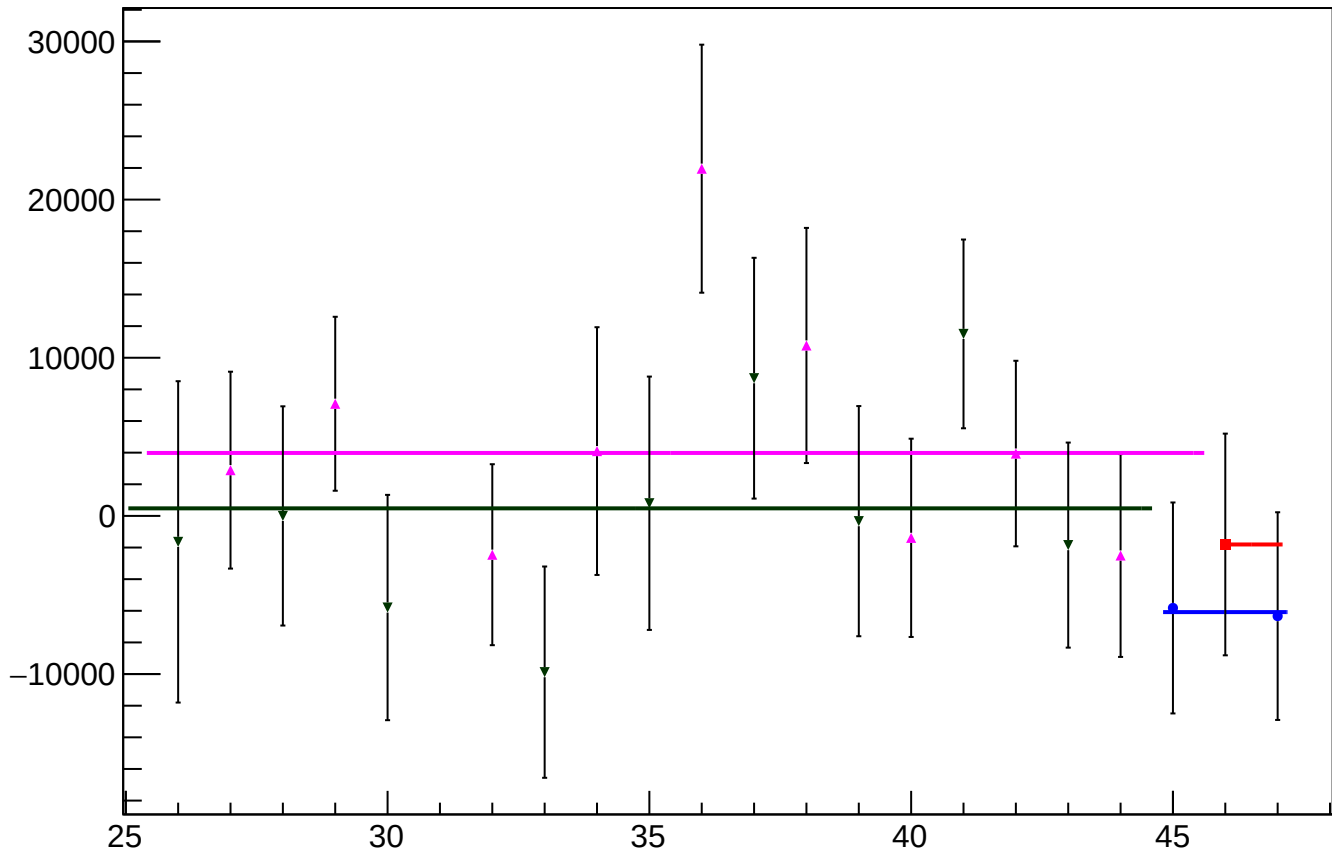
Left Out: 1197.931+/-0.400 χ^2/NDF : 291617.4/8

Right Out: 869.743+/-1.051 χ^2/NDF : 0.0/0

Left In: 1268.242+/-0.387 χ^2/NDF : 253500.8/8

1233.975+/-0.261 χ^2/NDF : 807028.4/20

asym_sam_26_dd_mean vs slug



Right In: -6081.805+/-4678.835 χ^2/NDF : 0.0/1

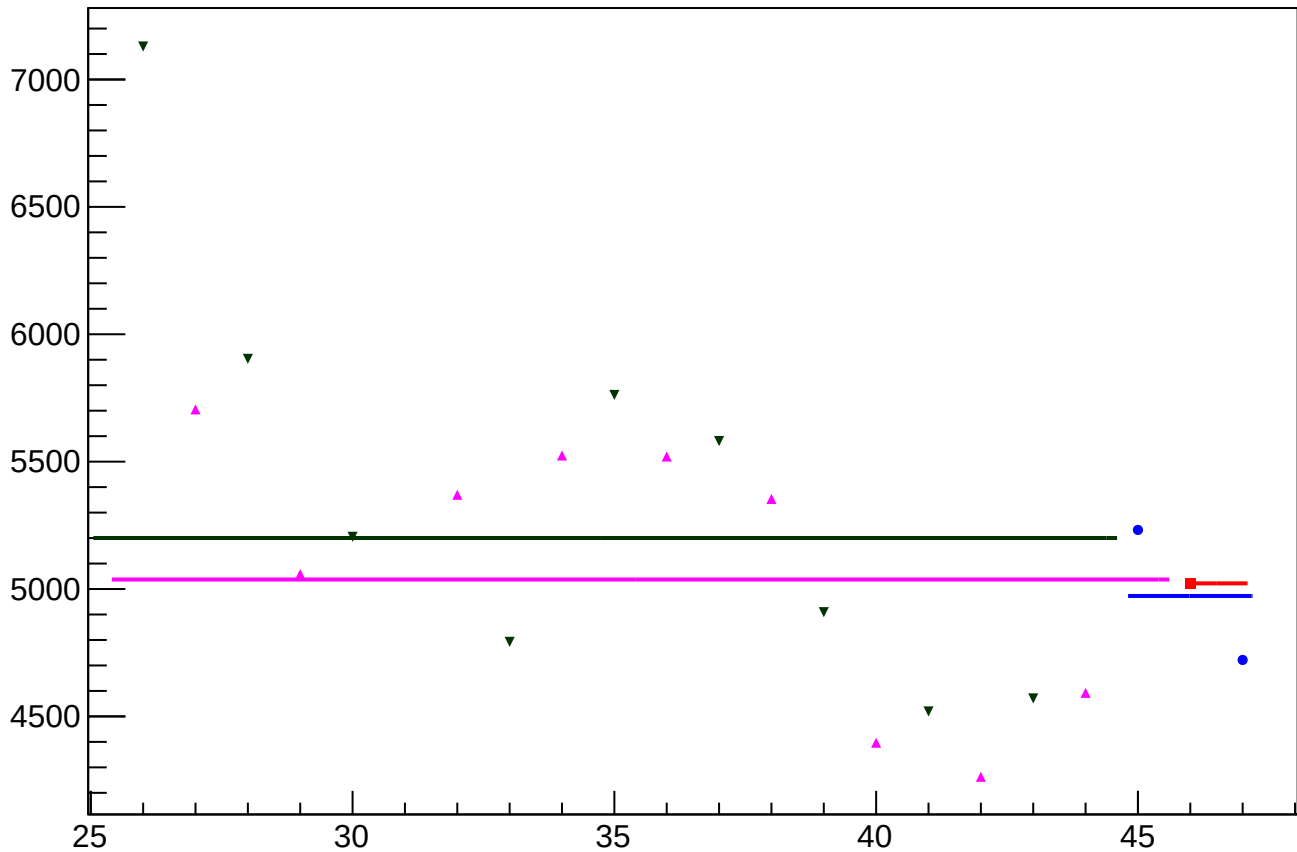
Left Out: 477.708+/-2382.052 χ^2/NDF : 8.0/8

1389.982+/-1472.521 χ^2/NDF : 21.8/20

Right Out: -1806.212+/-7008.632 χ^2/NDF : 0.0/0

Left In: 3980.767+/-2137.297 χ^2/NDF : 9.5/8

asym_sam_26_dd_rms vs slug



Right In: 4972.765+/-3.308 χ^2/NDF : 5946.8/1

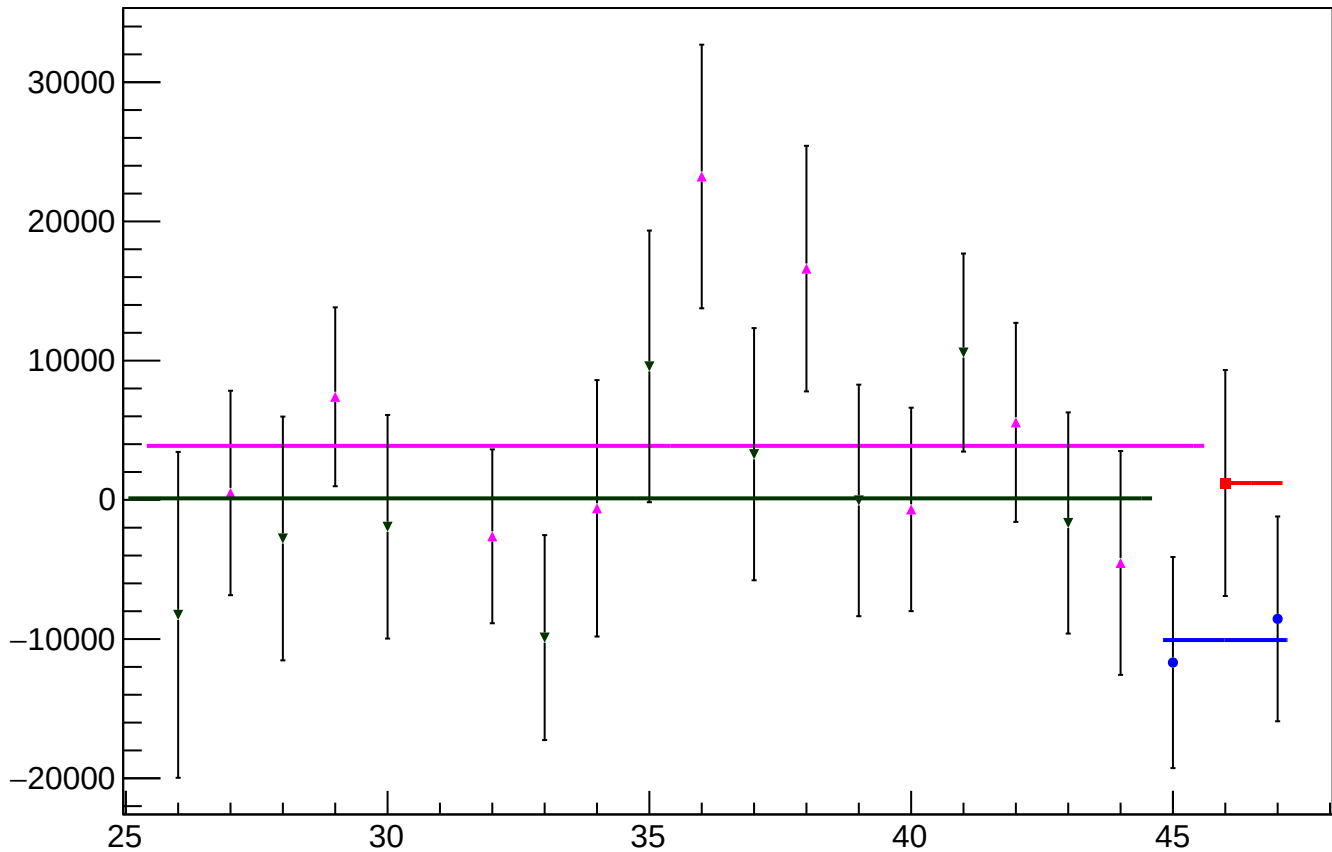
Left Out: 5200.341+/-1.684 χ^2/NDF : 163086.2/8

5092.551+/-1.041 χ^2/NDF : 290079.6/20

Right Out: 5022.210+/-4.956 χ^2/NDF : 0.0/0

Left In: 5037.310+/-1.511 χ^2/NDF : 114102.9/8

asym_sam_37_dd_mean vs slug



Right In: -10070.901+/-5279.913 χ^2/NDF : 0.1/1

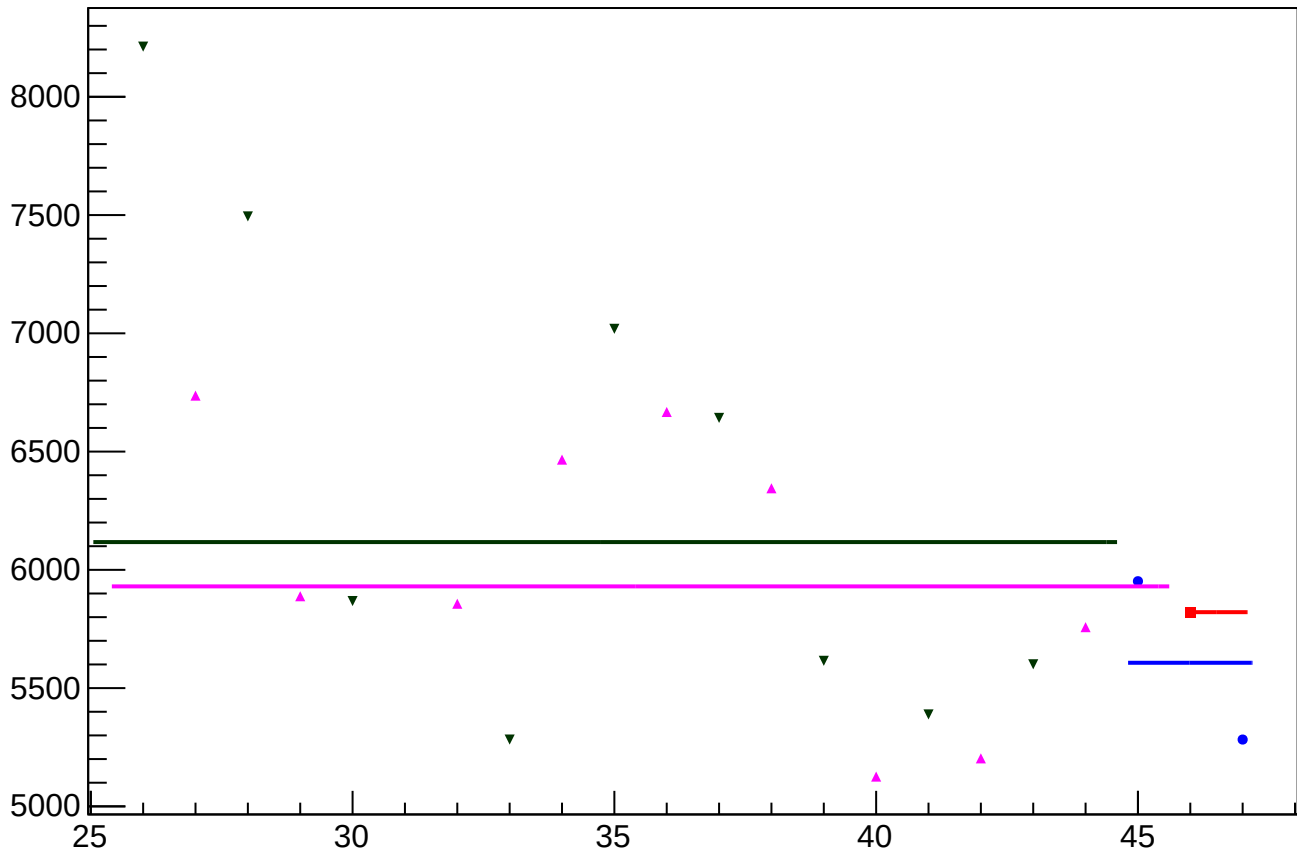
Left Out: 107.633+/-2805.368 χ^2/NDF : 5.8/8

843.251+/-1724.937 χ^2/NDF : 21.3/20

Right Out: 1208.290+/-8116.890 χ^2/NDF : 0.0/0

Left In: 3878.107+/-2515.966 χ^2/NDF : 9.6/8

asym_sam_37_dd_rms vs slug



Right In: 5607.123+/-3.733 χ^2/NDF : 8030.4/1

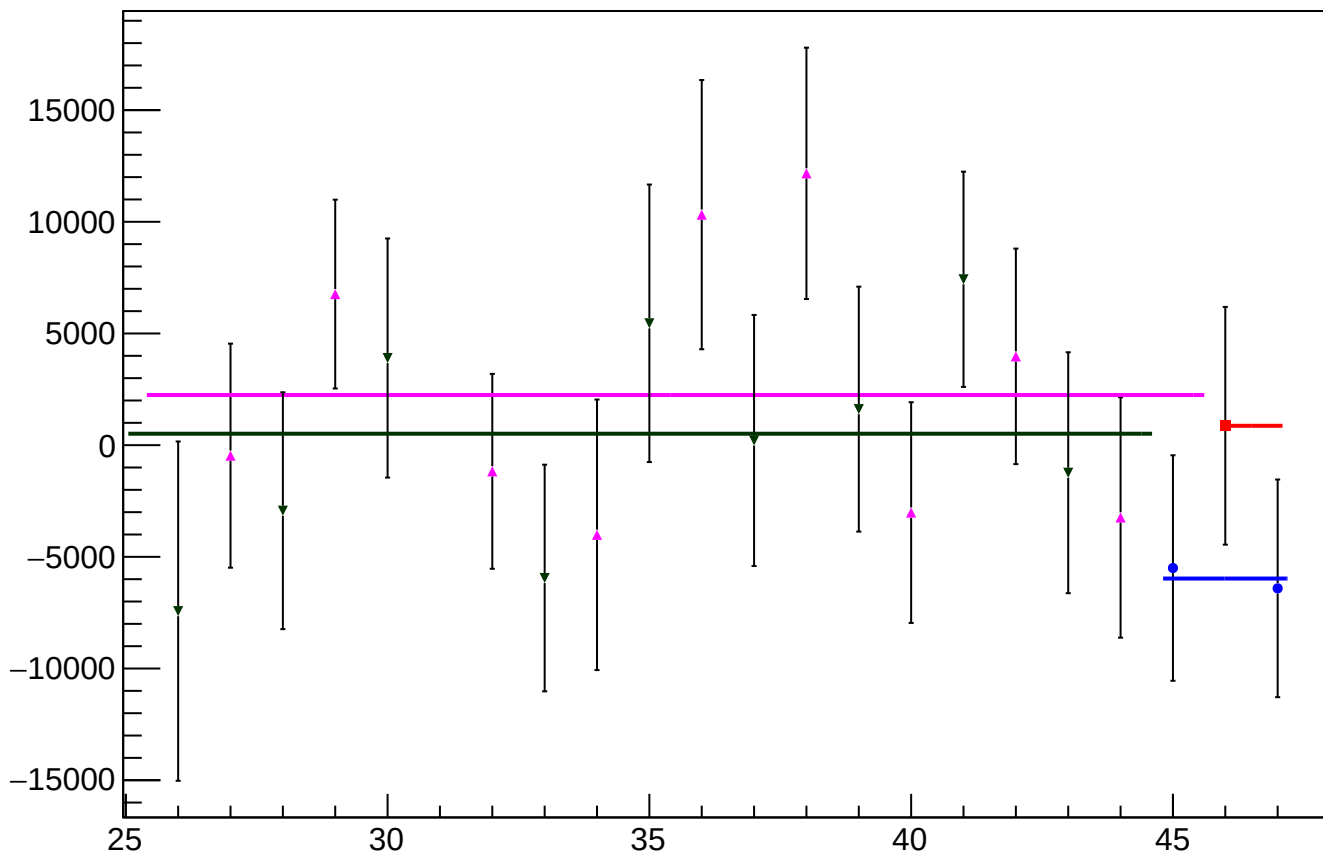
Left Out: 6117.416+/-1.984 χ^2/NDF : 201712.5/8

5961.514+/-1.220 χ^2/NDF : 319484.6/20

Right Out: 5821.094+/-5.740 χ^2/NDF : 0.0/0

Left In: 5930.079+/-1.779 χ^2/NDF : 93643.9/8

asym_sam_48_dd_mean vs slug



Right In: -5971.398+/-3505.959 χ^2/NDF : 0.0/1

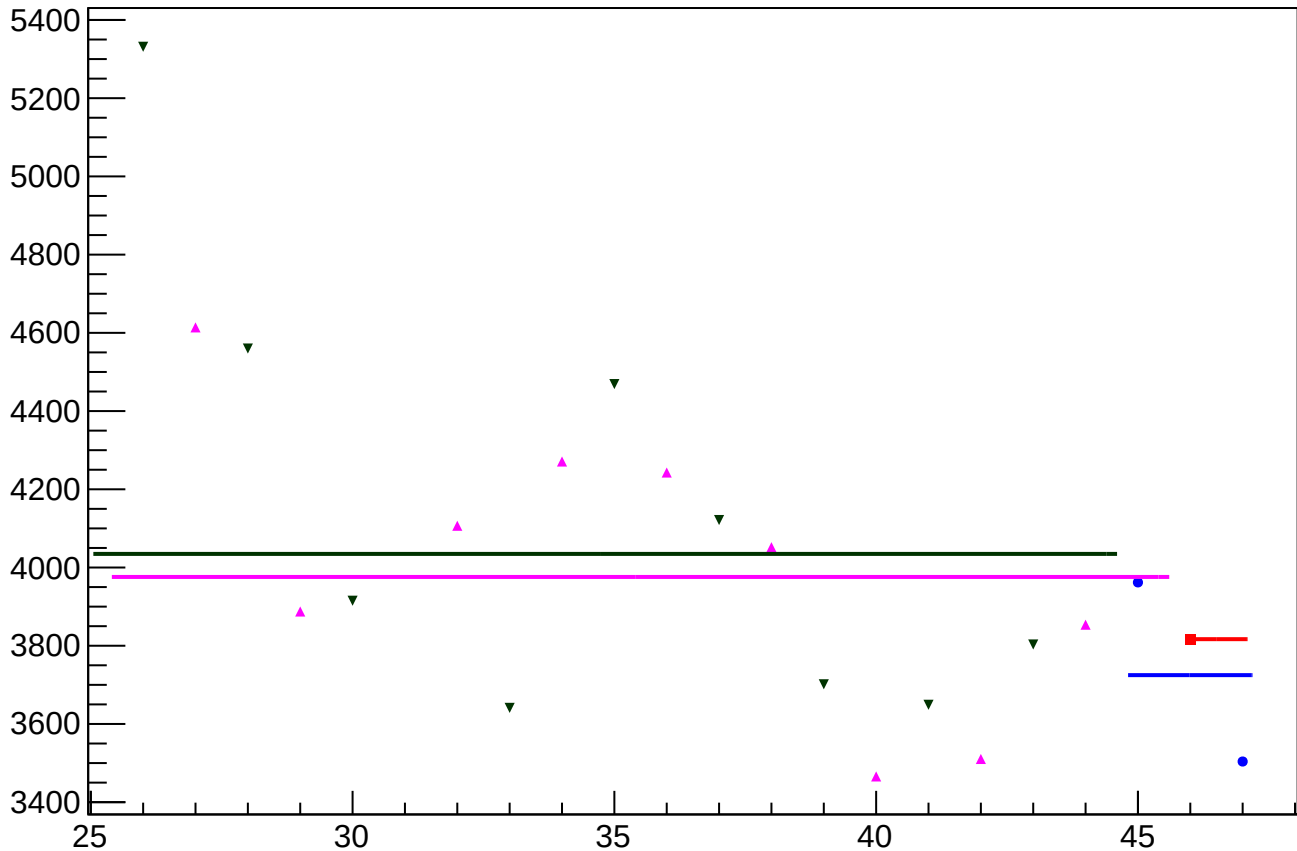
Left Out: 512.467+/-1841.360 χ^2/NDF : 6.4/8

Right Out: 867.433+/-5321.586 χ^2/NDF : 0.0/0

Left In: 2245.703+/-1682.849 χ^2/NDF : 10.3/8

639.390+/-1143.541 χ^2/NDF : 21.2/20

asym_sam_48_dd_rms vs slug



Right In: 3724.844+/-2.479 χ^2/NDF : 8520.2/1

Left Out: 4034.807+/-1.302 χ^2/NDF : 125083.3/8

3964.561+/-0.809 χ^2/NDF : 232536.4/20

Right Out: 3816.814+/-3.763 χ^2/NDF : 0.0/0

Left In: 3975.894+/-1.190 χ^2/NDF : 85039.8/8

yield_sam_15_dd_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: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_15_dd_rms vs slug



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

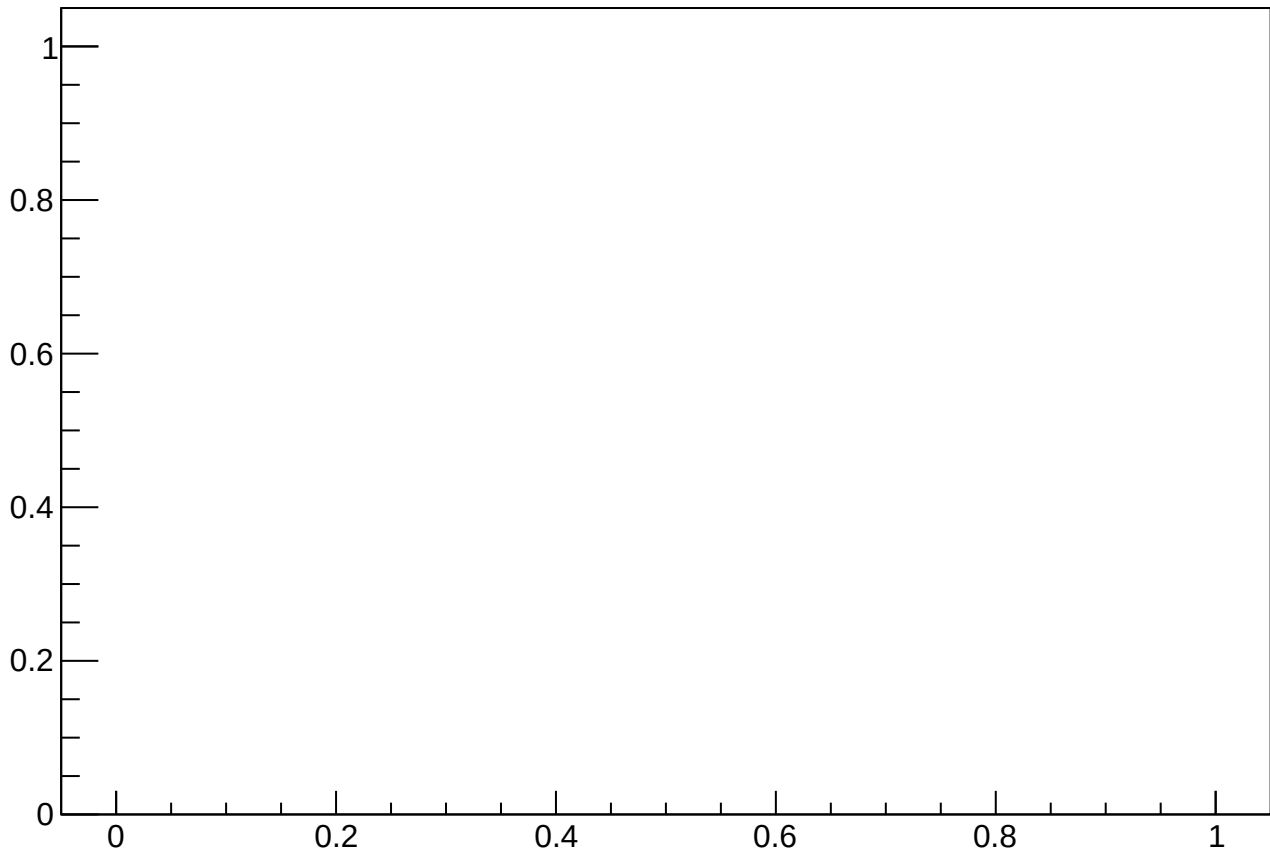
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_mean vs slug



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

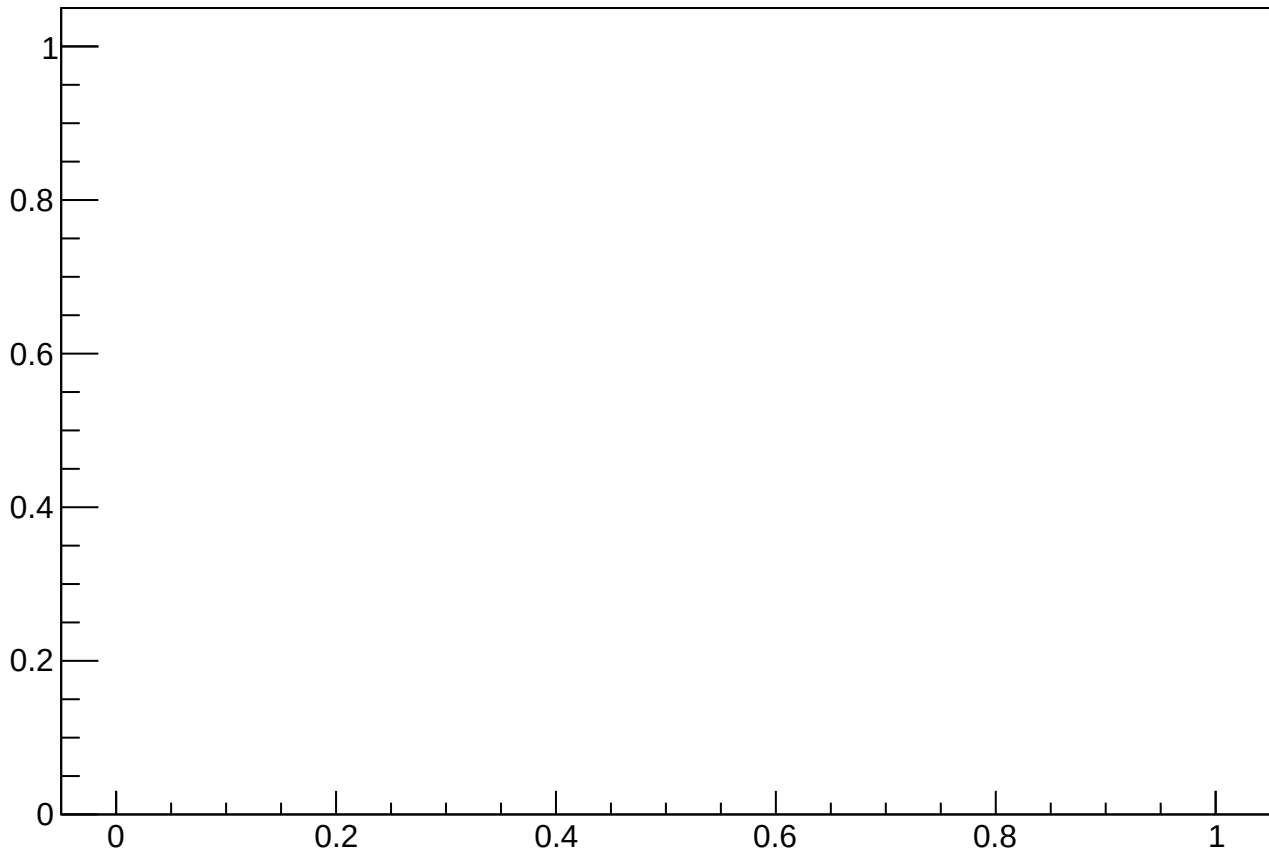
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_26_dd_rms vs slug



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

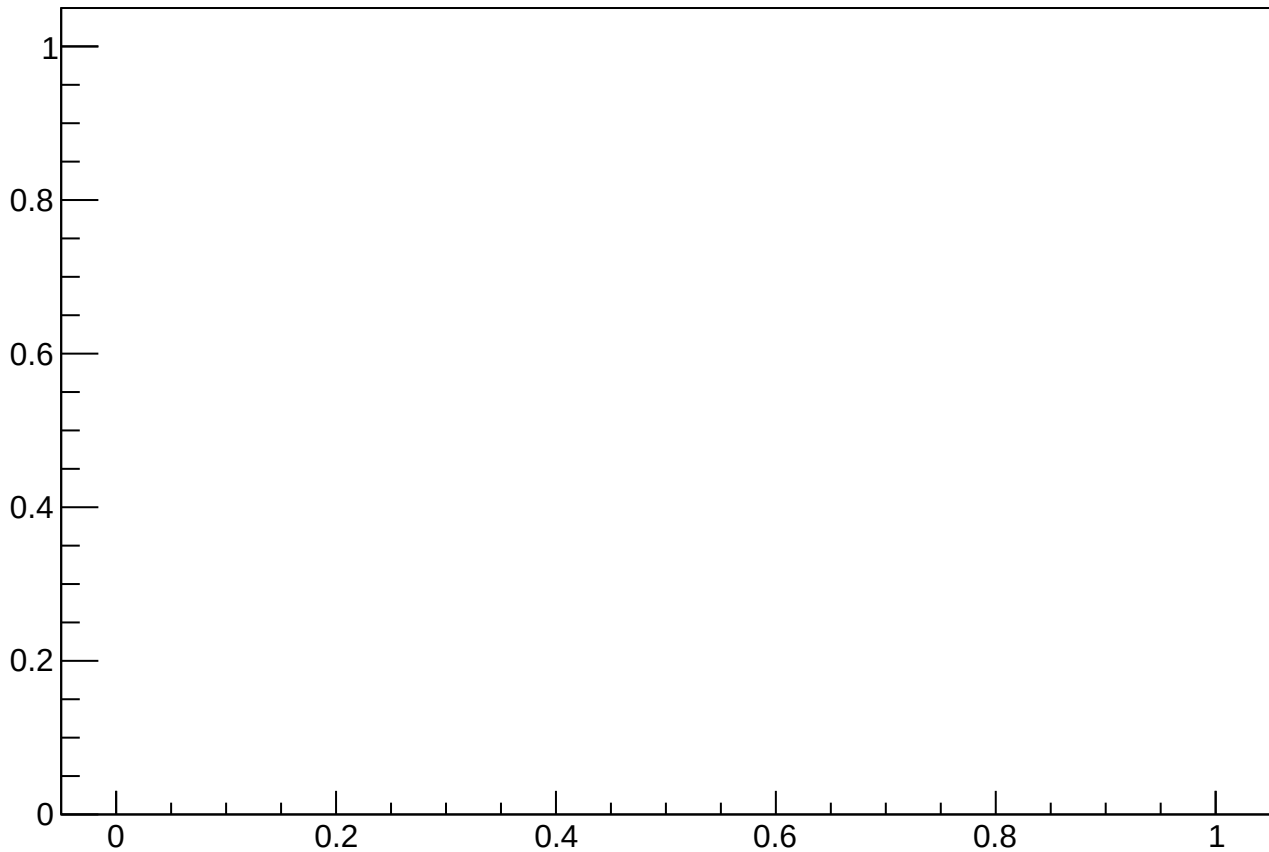
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_37_dd_mean vs slug



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

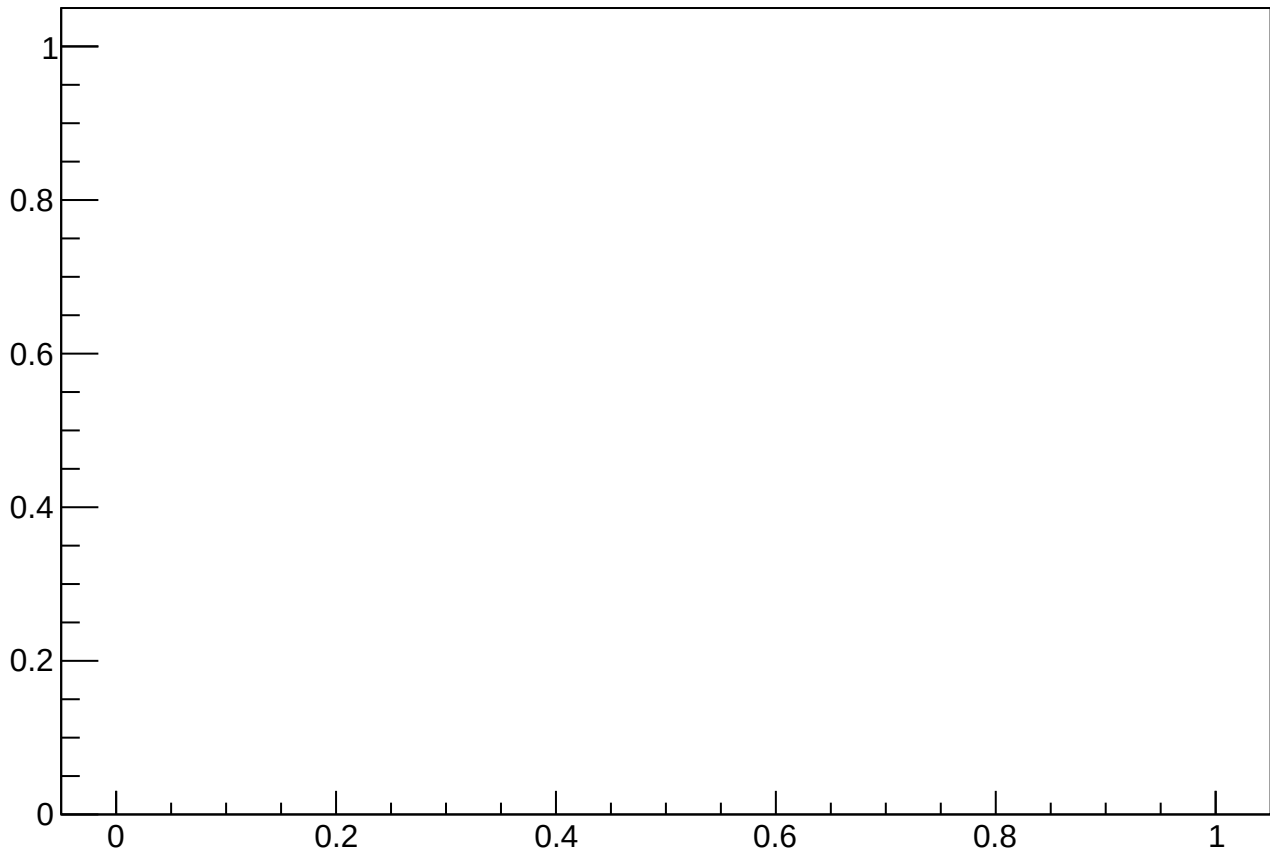
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam_37_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_mean vs slug



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

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

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

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

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_dd_rms vs slug



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

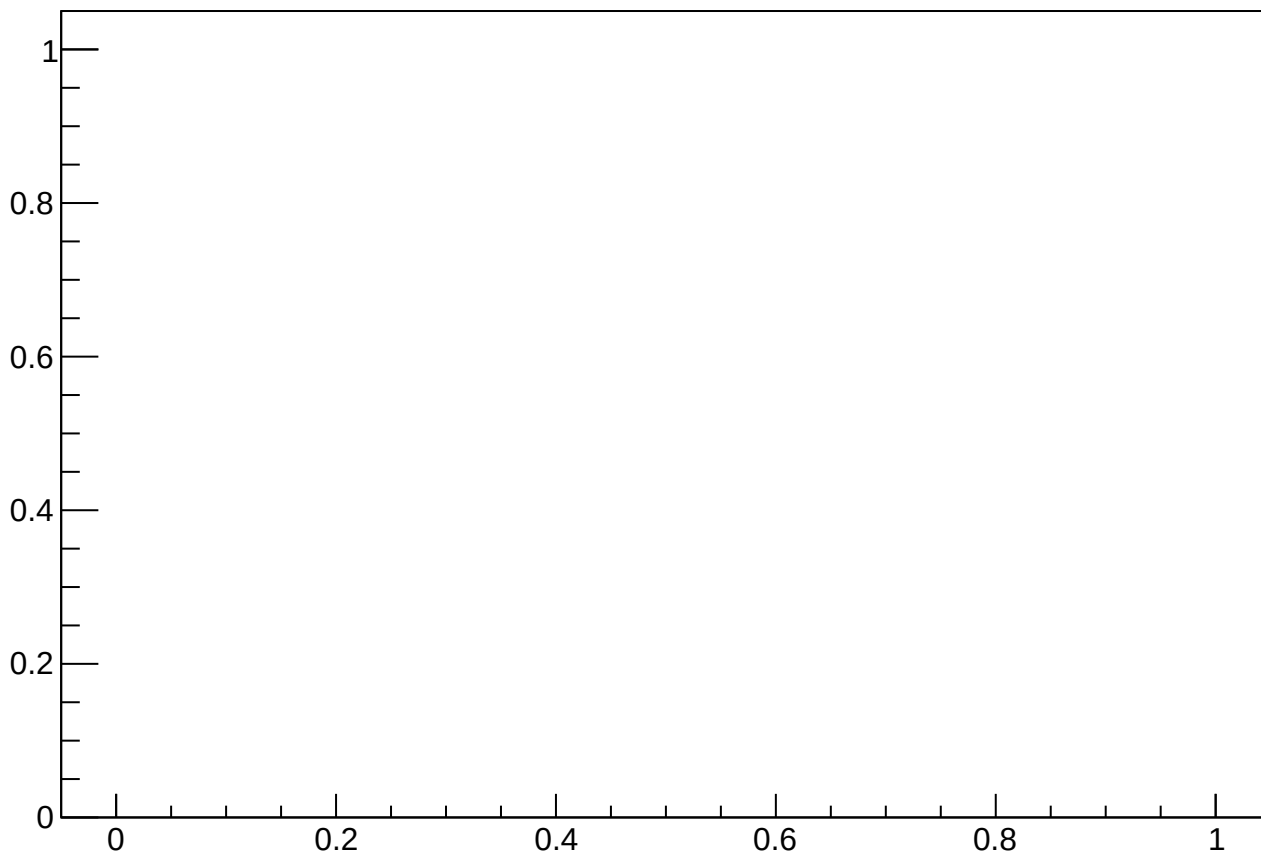
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_mean vs slug



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

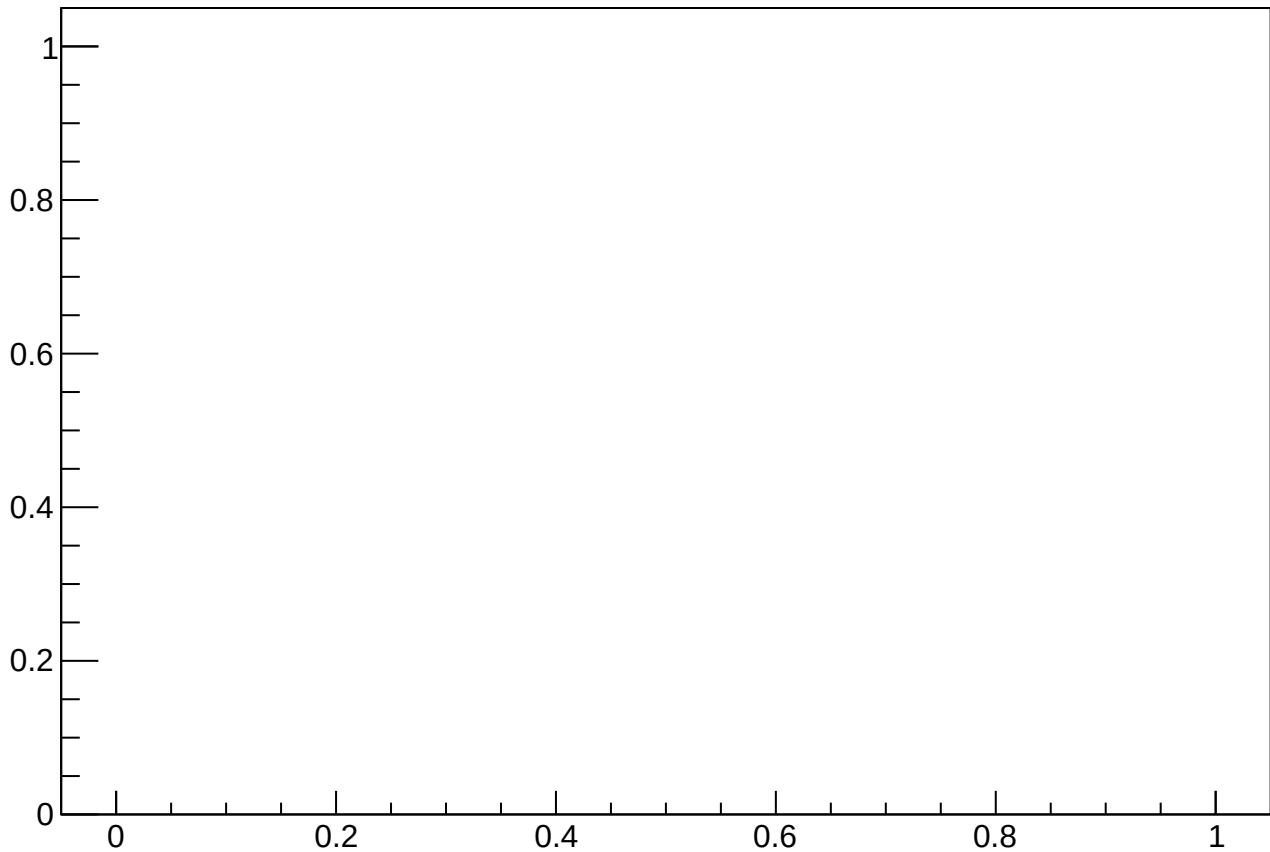
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_15_dd_rms vs slug



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

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

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_mean vs slug



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

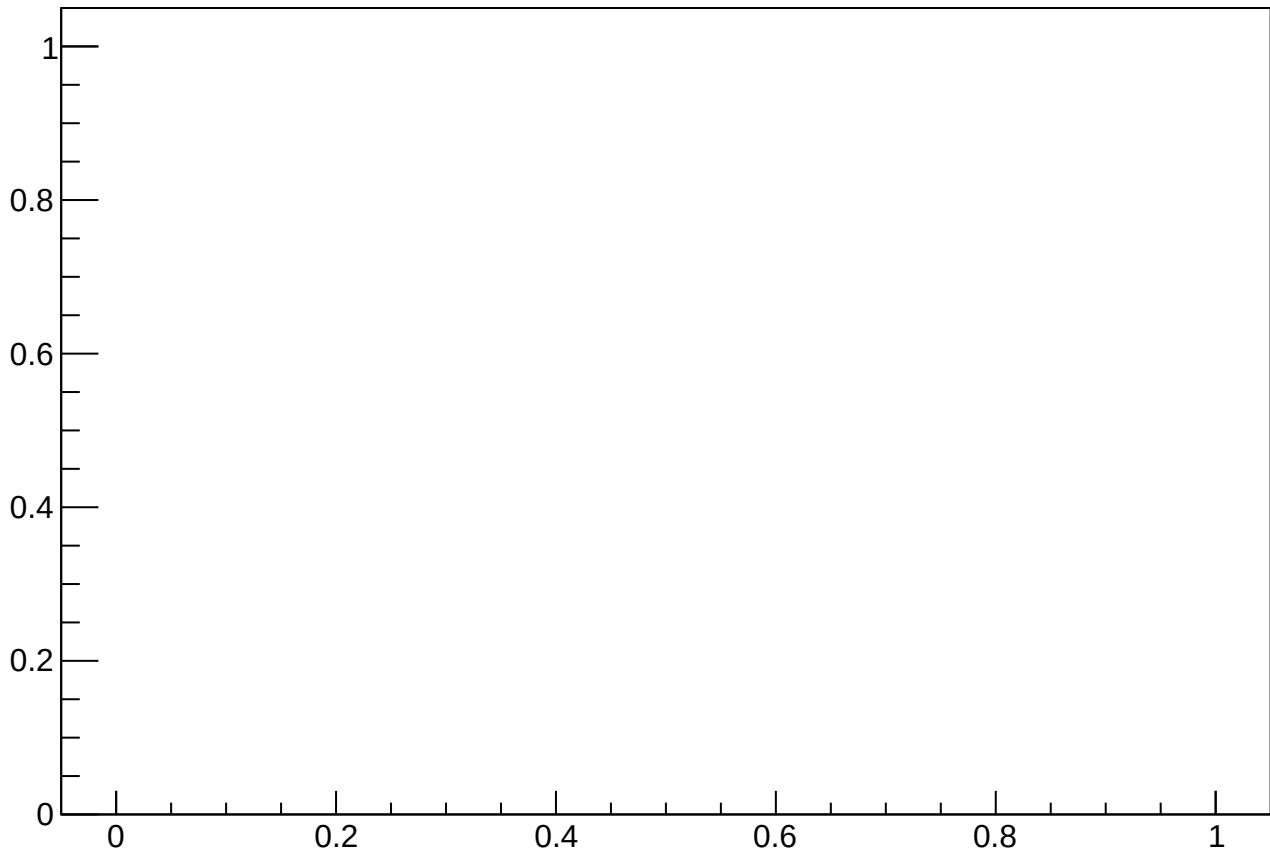
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_26_dd_rms vs slug



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

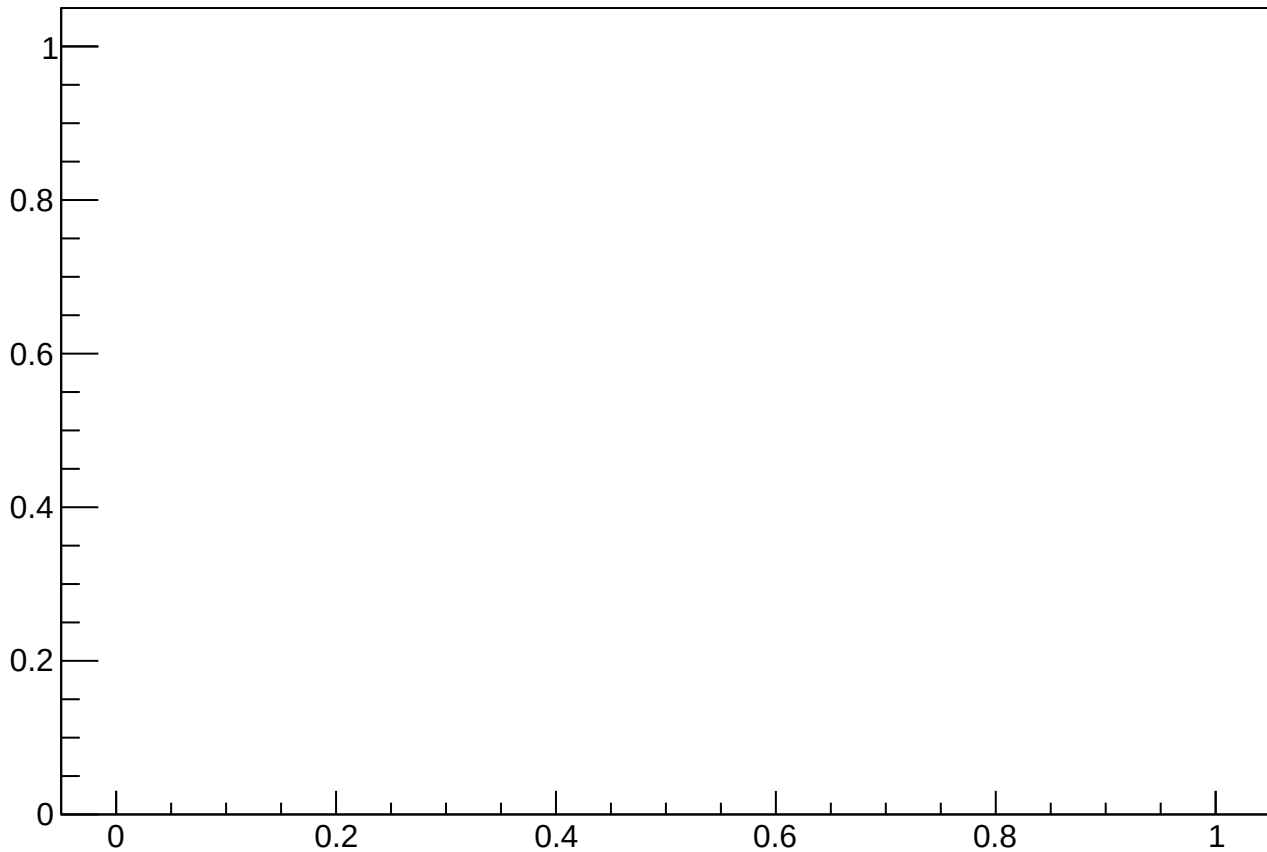
Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_37_dd_mean vs slug



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

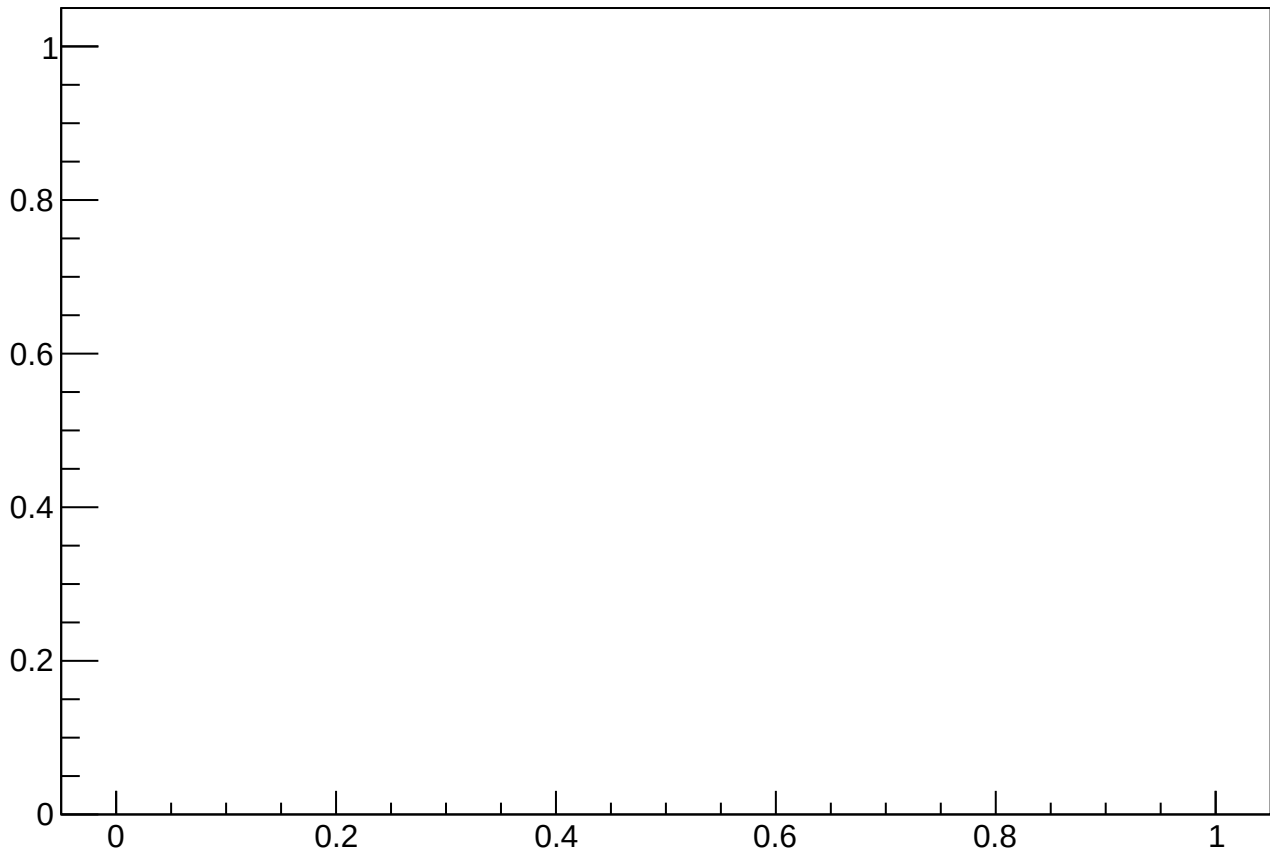
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

cor_sam_37_dd_rms vs slug



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

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

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_mean vs slug



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

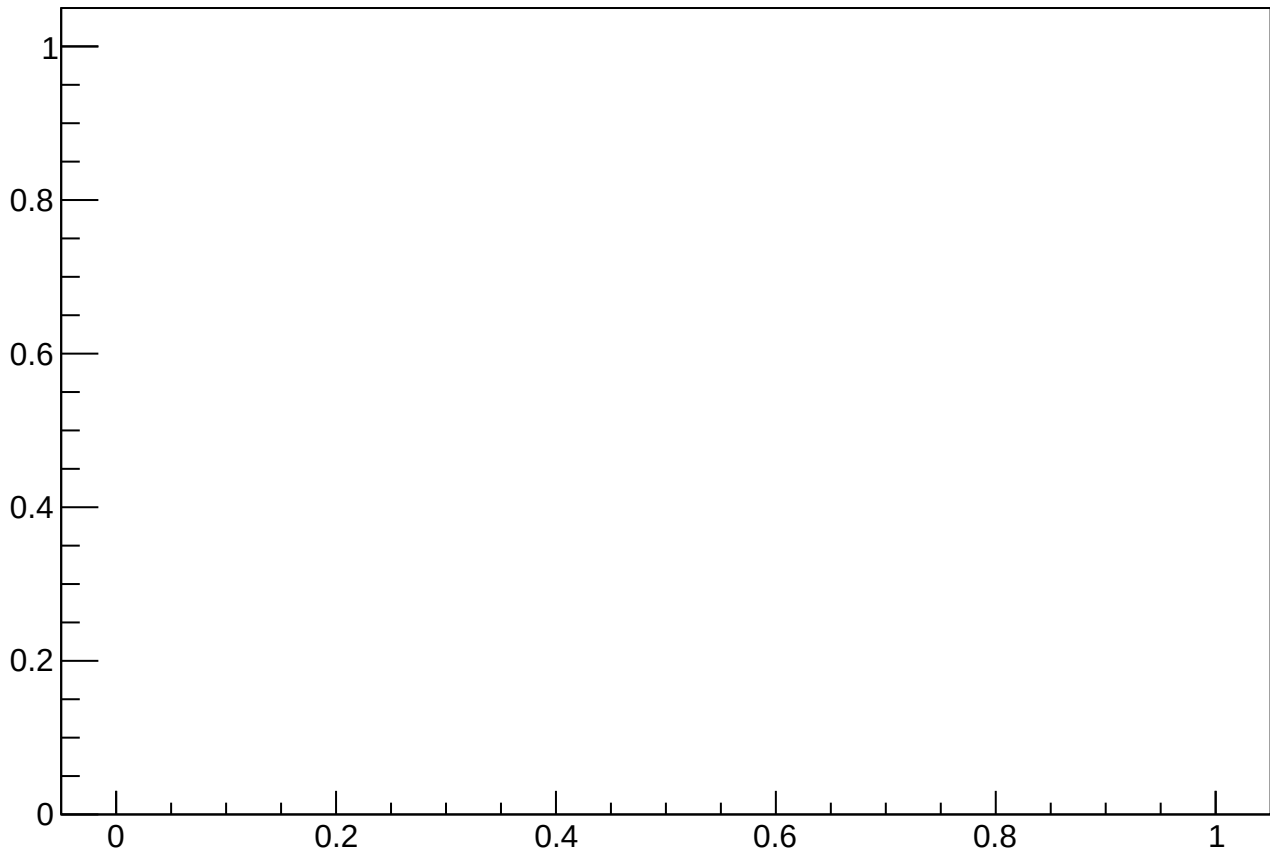
Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

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

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_sam_48_dd_rms vs slug



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

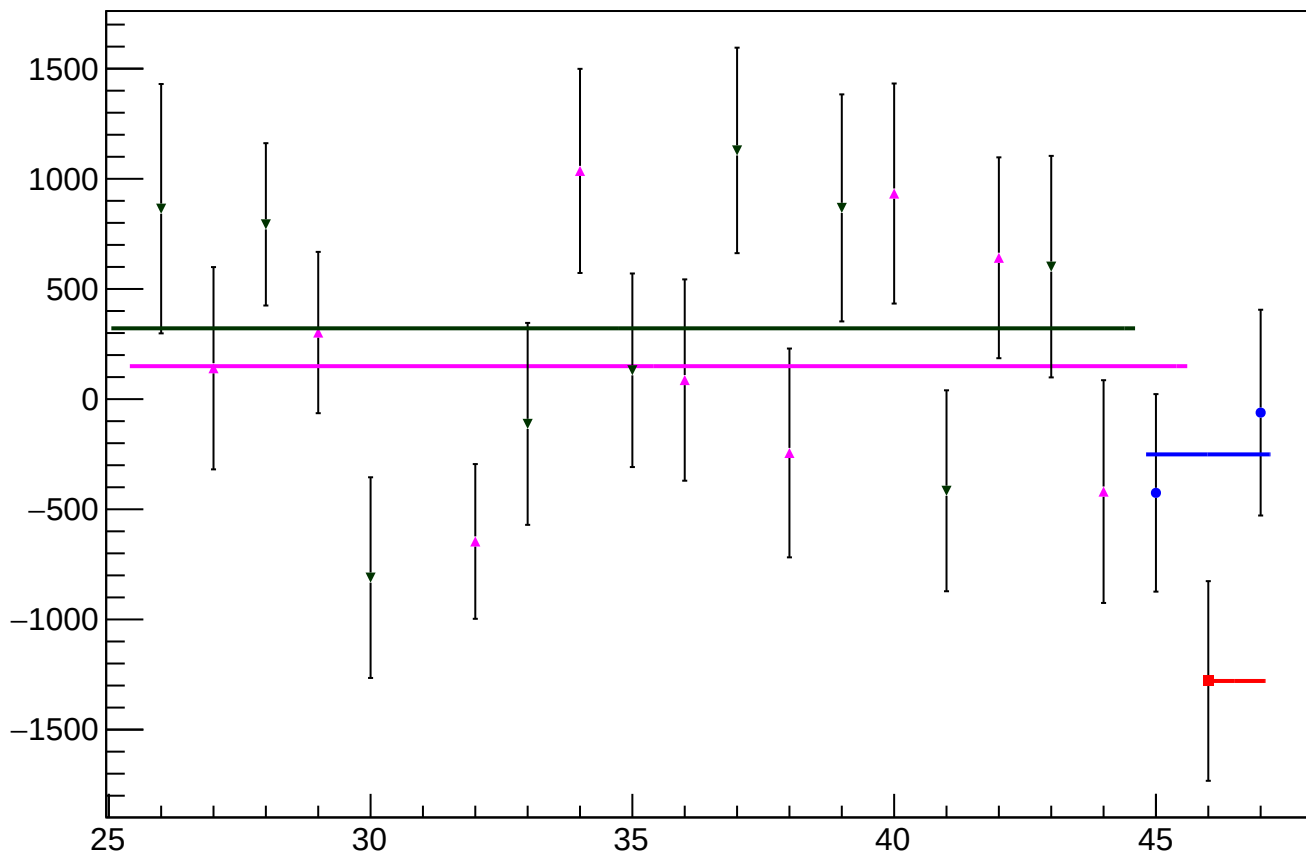
Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

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

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_mean vs slug



Right In: -250.802+/-323.390 χ^2/NDF : 0.3/1

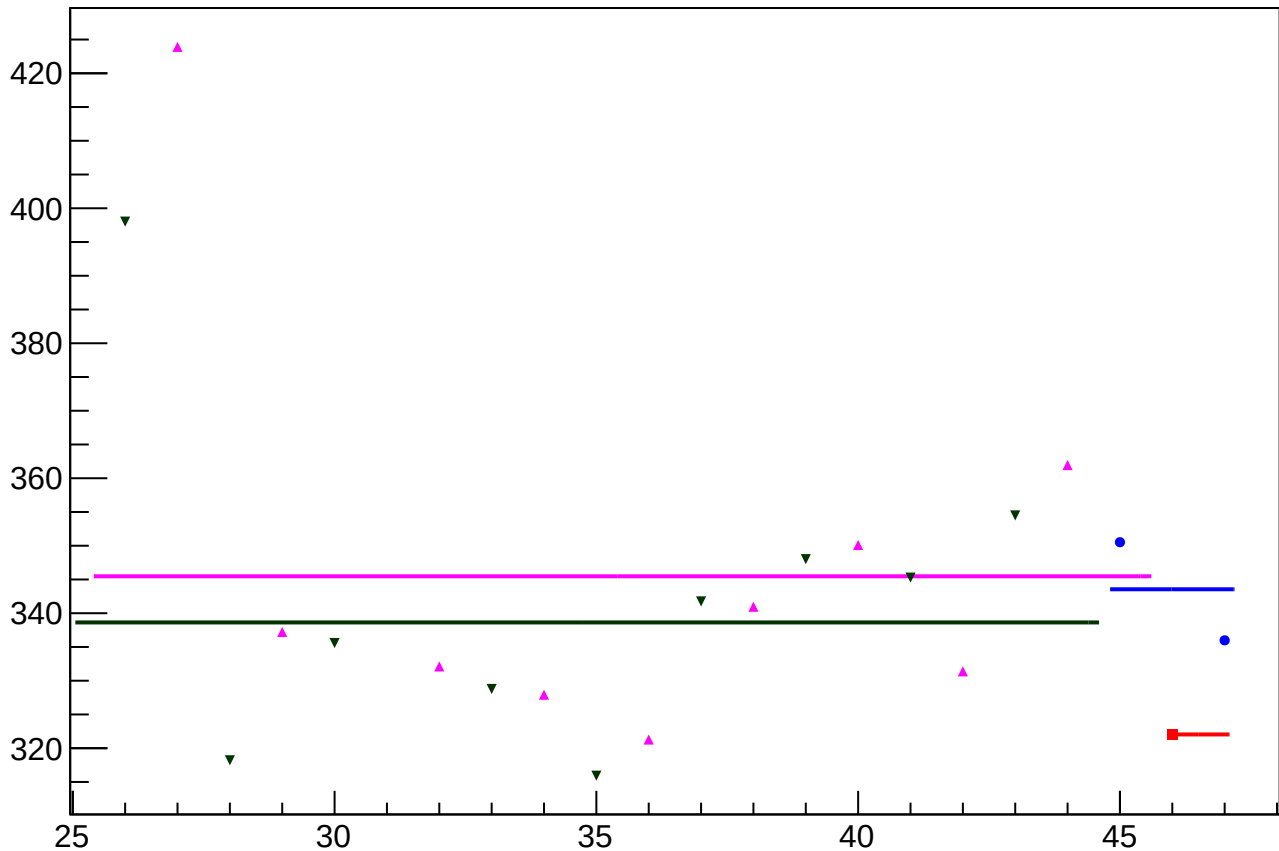
Left Out: 321.392+/-153.601 χ^2/NDF :16.9/8

Right Out: -1279.213+/-453.104 χ^2/NDF : 0.0/0

Left In: 149.607+/-145.938 χ^2/NDF :14.6/8

115.810+/-98.166 χ^2/NDF : 44.4/20

reg_asym_sam_15_dd_rms vs slug



Right In: 343.549+/-0.229 χ^2/NDF : 1009.4/1

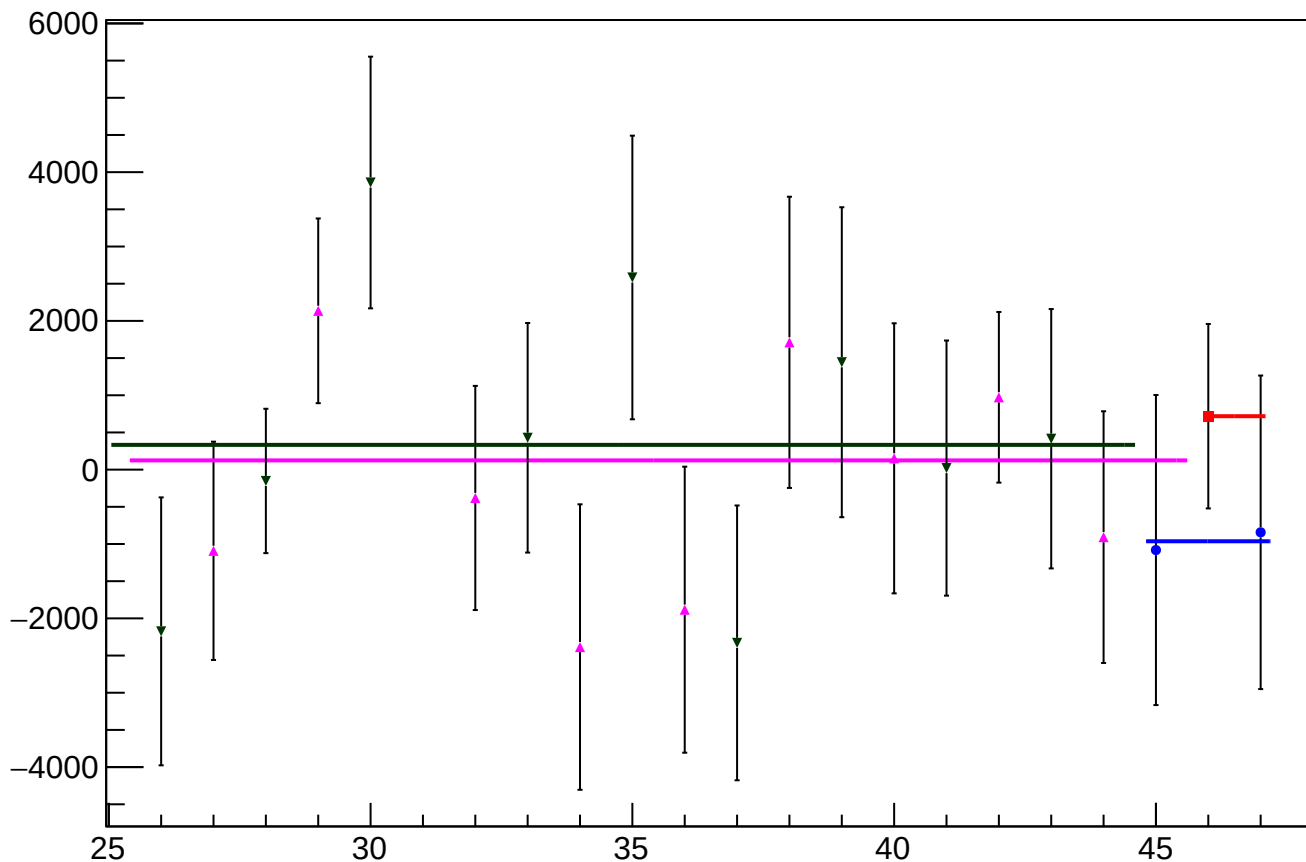
Left Out: 338.634+/-0.109 χ^2/NDF : 37698.0/8

Right Out: 322.040+/-0.320 χ^2/NDF : 0.0/0

Left In: 345.473+/-0.103 χ^2/NDF : 75165.2/8

341.402+/-0.069 χ^2/NDF : 119818.5/20

asym_sam_15_dd_correction_mean vs slug



Right In: -963.322+/-1482.309 χ^2/NDF : 0.0/1

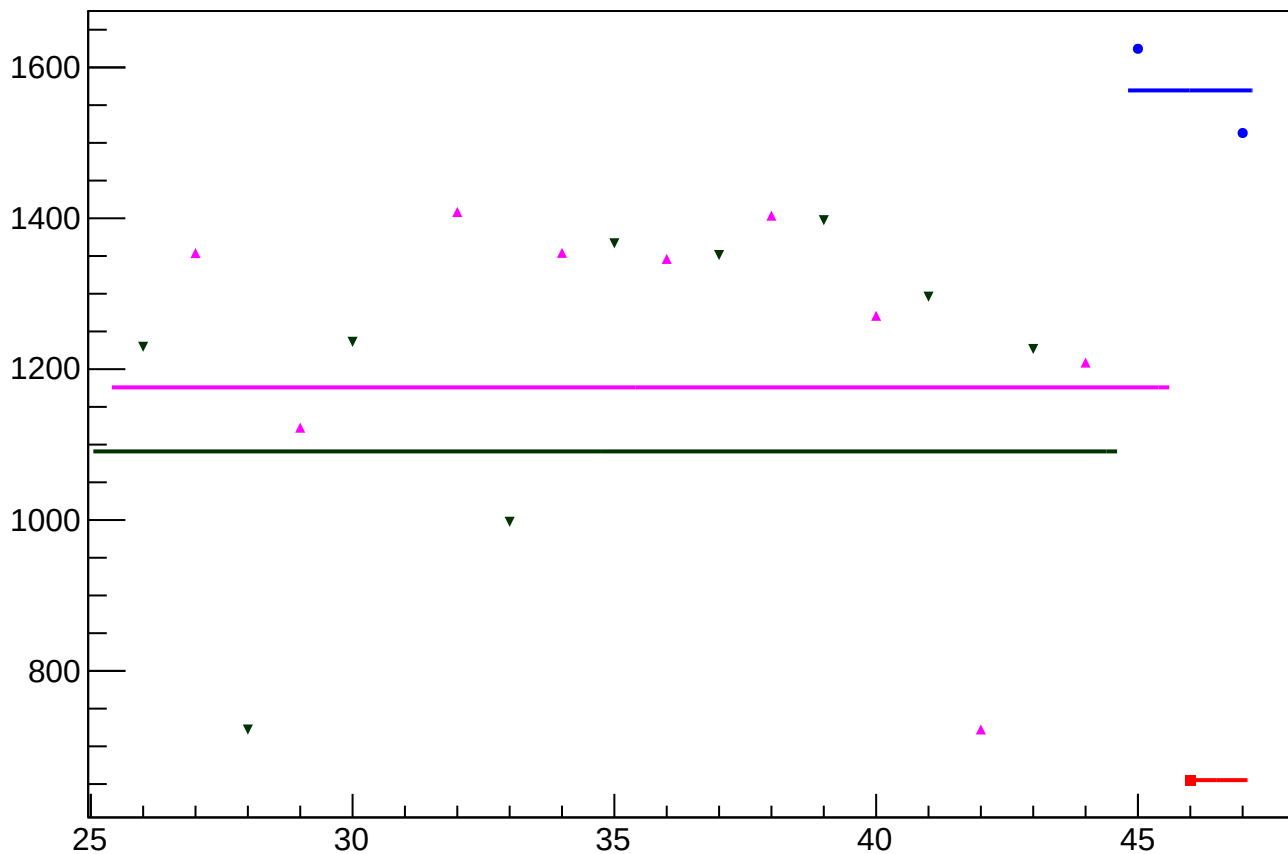
Left Out: 333.038+/-526.643 χ^2/NDF : 10.3/8

Right Out: 718.518+/-1240.217 χ^2/NDF : 0.0/0

Left In: 124.264+/-515.157 χ^2/NDF : 7.8/8

200.230+/-343.425 χ^2/NDF : 19.0/20

asym_sam_15_dd_correction_rms vs slug



Right In: 1569.510+/-1.048 χ^2/NDF : 2836.9/1

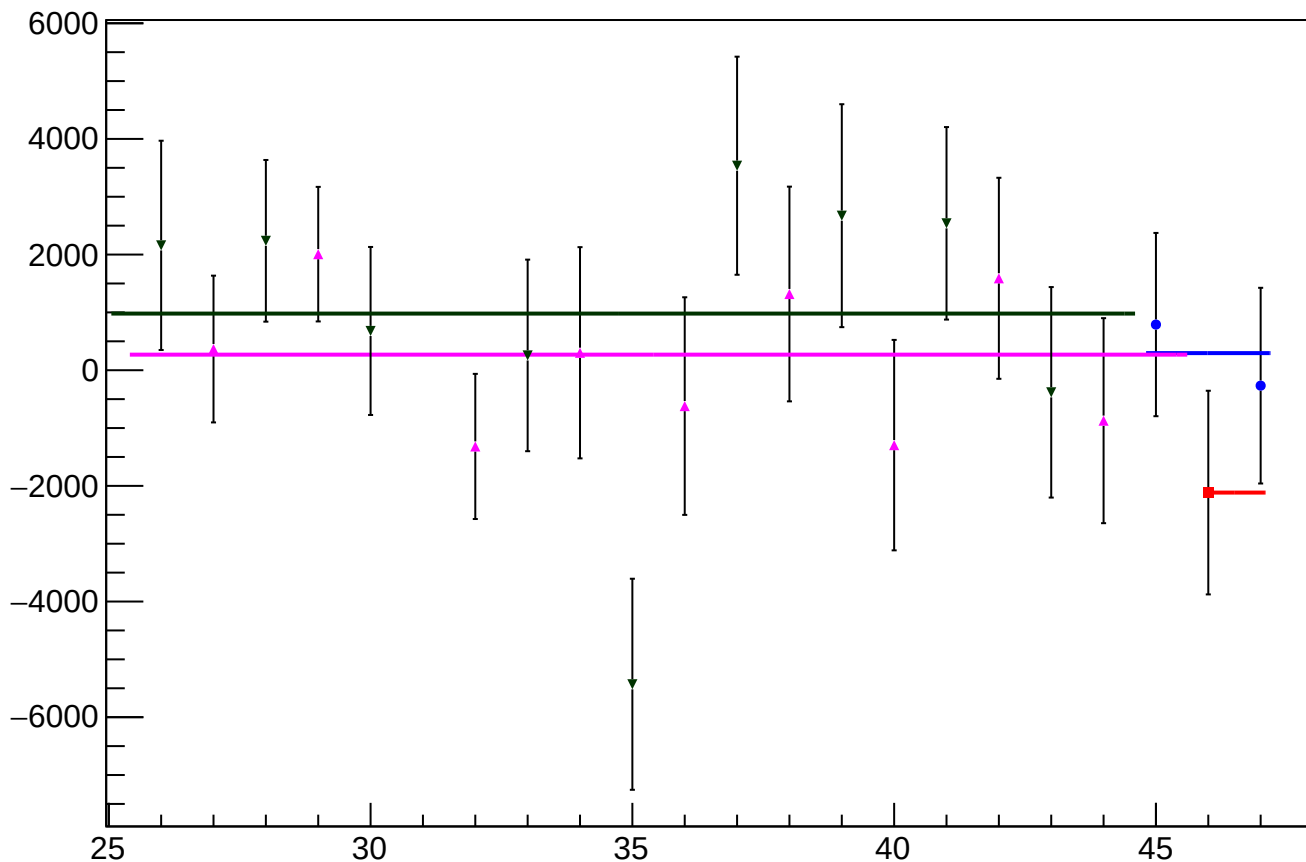
Left Out: 1090.976+/-0.372 χ^2/NDF : 488039.7/8

Right Out: 655.197+/-0.877 χ^2/NDF : 0.0/0

Left In: 1175.875+/-0.364 χ^2/NDF : 459477.1/8

1120.978+/-0.243 χ^2/NDF : 1444773.6/20

reg_asym_sam_26_dd_mean vs slug



Right In: 295.952+/-1156.598 χ^2/NDF : 0.2/1

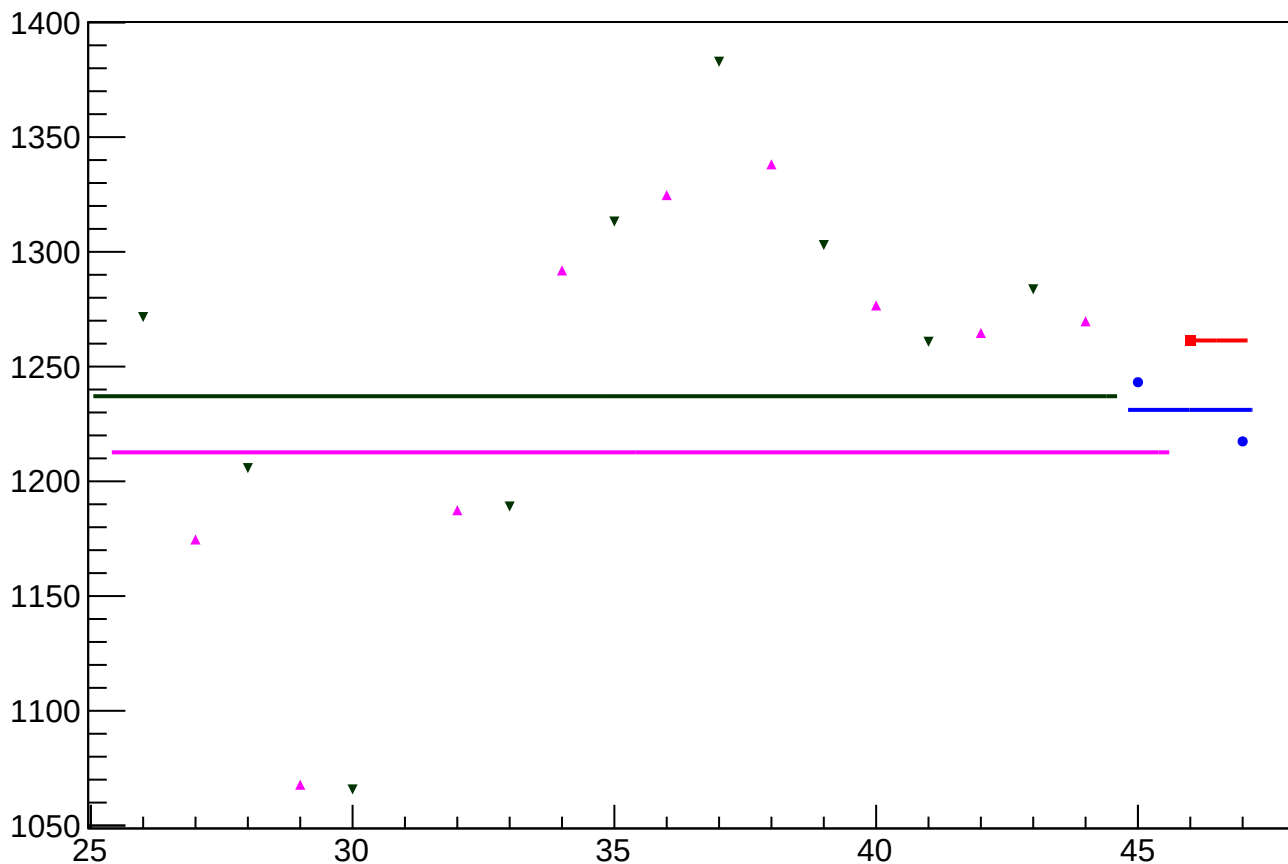
Left Out: 979.553+/-561.753 χ^2/NDF : 17.9/8

Right Out: -2115.937+/-1760.979 χ^2/NDF : 0.0/0

Left In: 269.305+/-511.773 χ^2/NDF : 6.1/8

455.660+/-352.301 χ^2/NDF : 27.3/20

reg_asym_sam_26_dd_rms vs slug



Right In: 1231.139+/-0.818 χ^2/NDF : 247.5/1

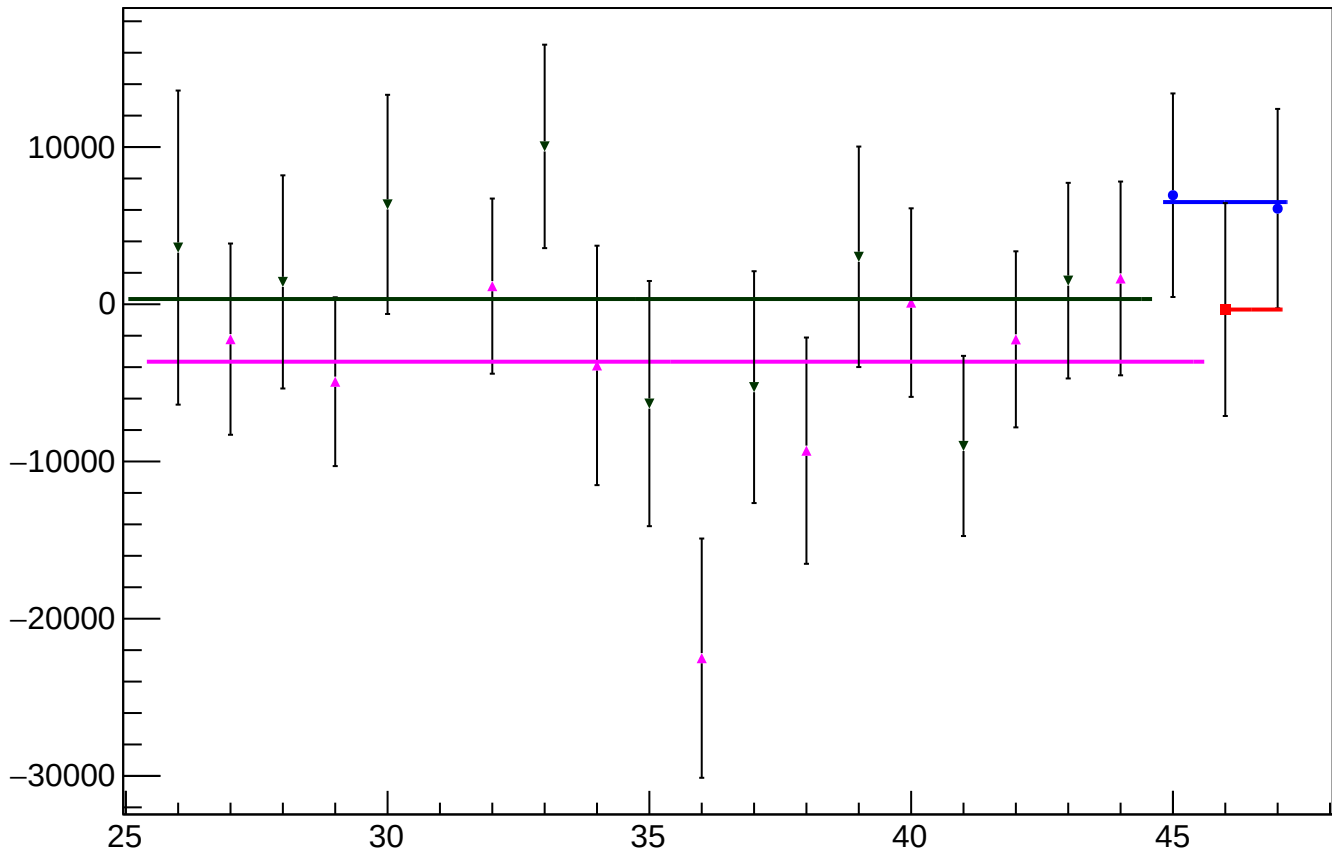
Left Out: 1237.088+/-0.397 χ^2/NDF : 50723.7/8

Right Out: 1261.384+/-1.245 χ^2/NDF : 0.0/0

Left In: 1212.637+/-0.362 χ^2/NDF : 59937.0/8

1225.921+/-0.249 χ^2/NDF : 113897.9/20

asym_sam_26_dd_correction_mean vs slug



Right In: 6500.515+/-4530.934 χ^2/NDF : 0.0/1

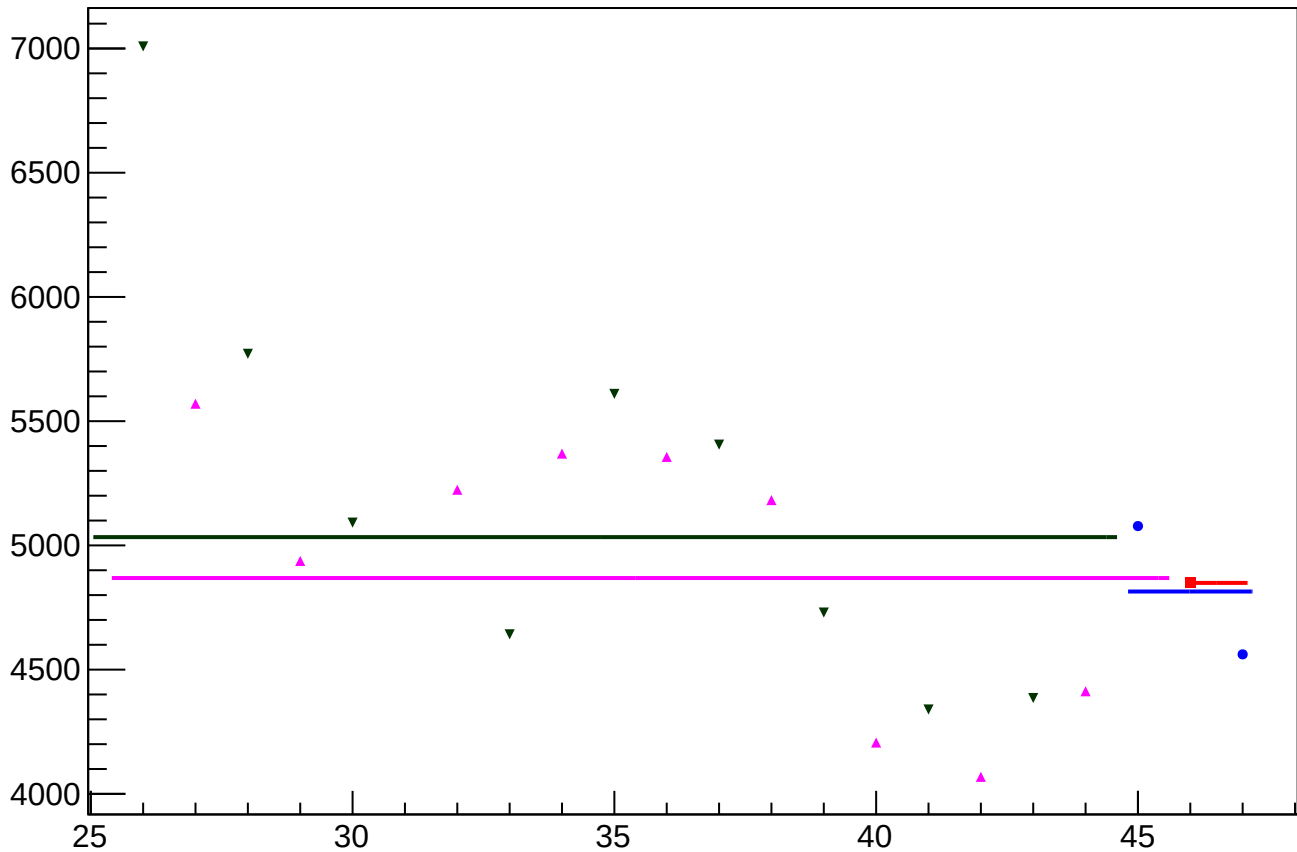
Left Out: 333.092+/-2308.078 χ^2/NDF : 7.3/8

Right Out: -335.824+/-6770.644 χ^2/NDF : 0.0/0

Left In: -3653.482+/-2068.125 χ^2/NDF : 8.8/8

-980.289+/-1425.605 χ^2/NDF : 20.8/20

asym_sam_26_dd_correction_rms vs slug



Right In: 4814.394+/-3.204 χ^2/NDF : 6492.1/1

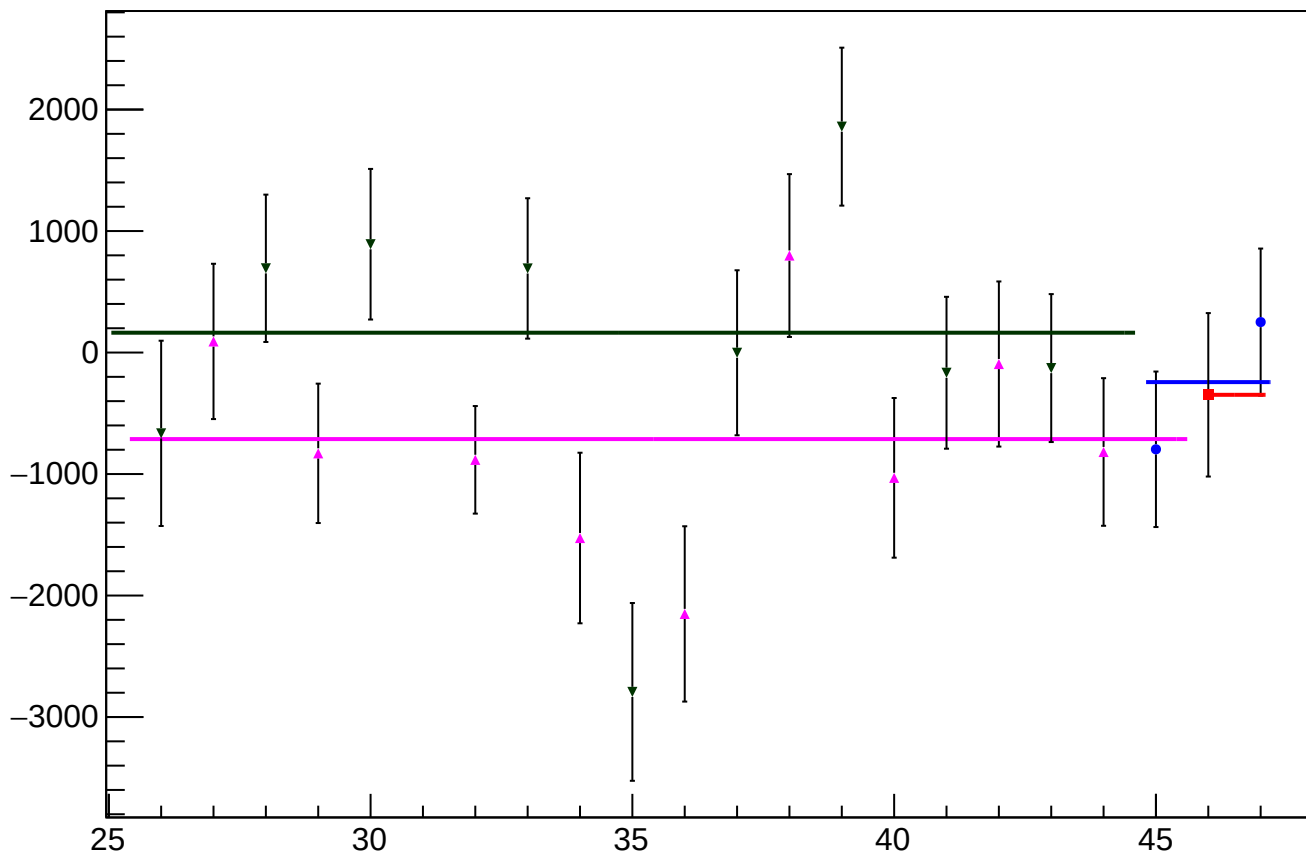
Left Out: 5033.309+/-1.632 χ^2/NDF : 180086.7/8

4925.234+/-1.008 χ^2/NDF : 325808.2/20

Right Out: 4849.091+/-4.788 χ^2/NDF : 0.0/0

Left In: 4868.659+/-1.462 χ^2/NDF : 131897.8/8

reg_asym_sam_37_dd_mean vs slug



Right In: -243.293±/439.617 χ^2/NDF : 1.4/1

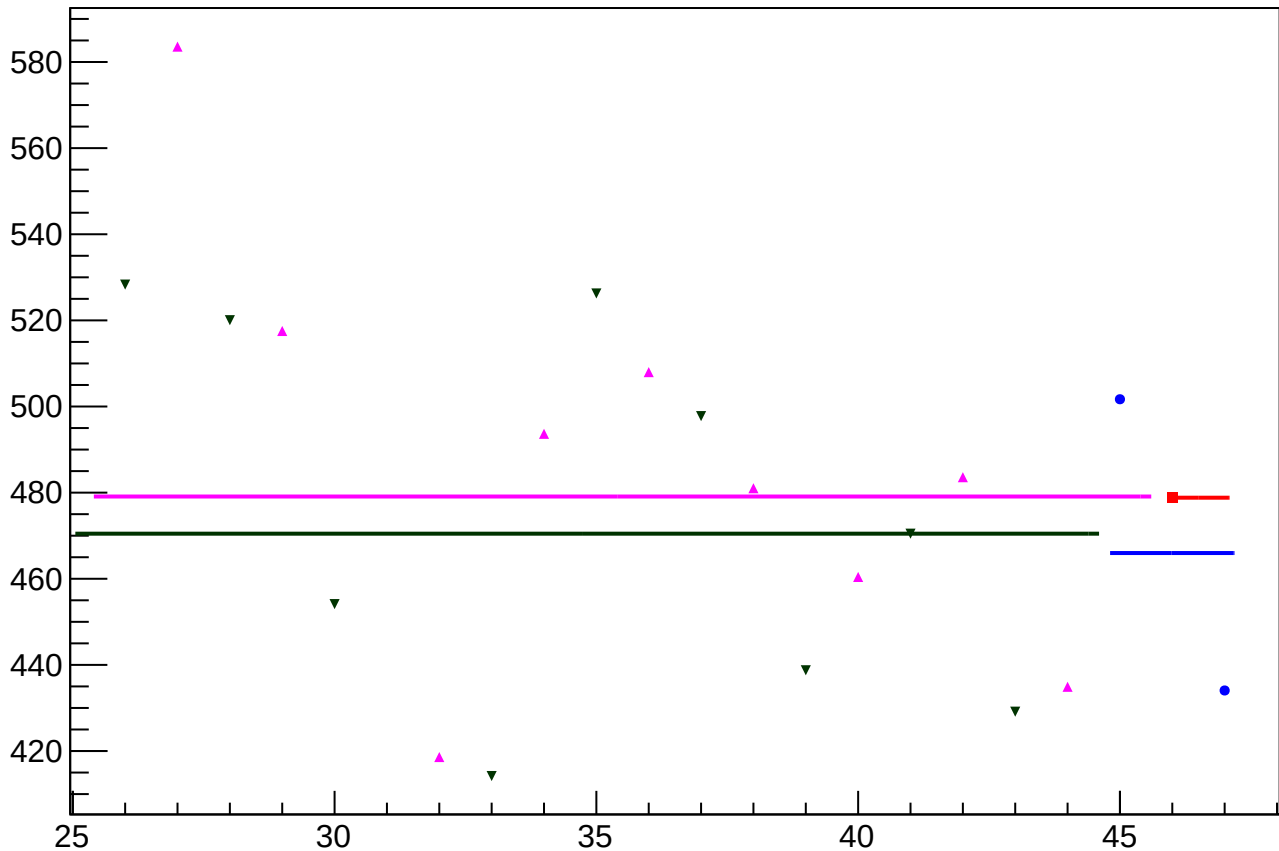
Left Out: 163.244±/214.677 χ^2/NDF : 27.9/8

Right Out: -347.944±/672.691 χ^2/NDF : 0.0/0

Left In: -712.252±/204.302 χ^2/NDF : 13.3/8

-293.171±/137.308 χ^2/NDF : 51.3/20

reg_asym_sam_37_dd_rms vs slug



Right In: 465.975+/-0.311 χ^2/NDF : 11795.7/1

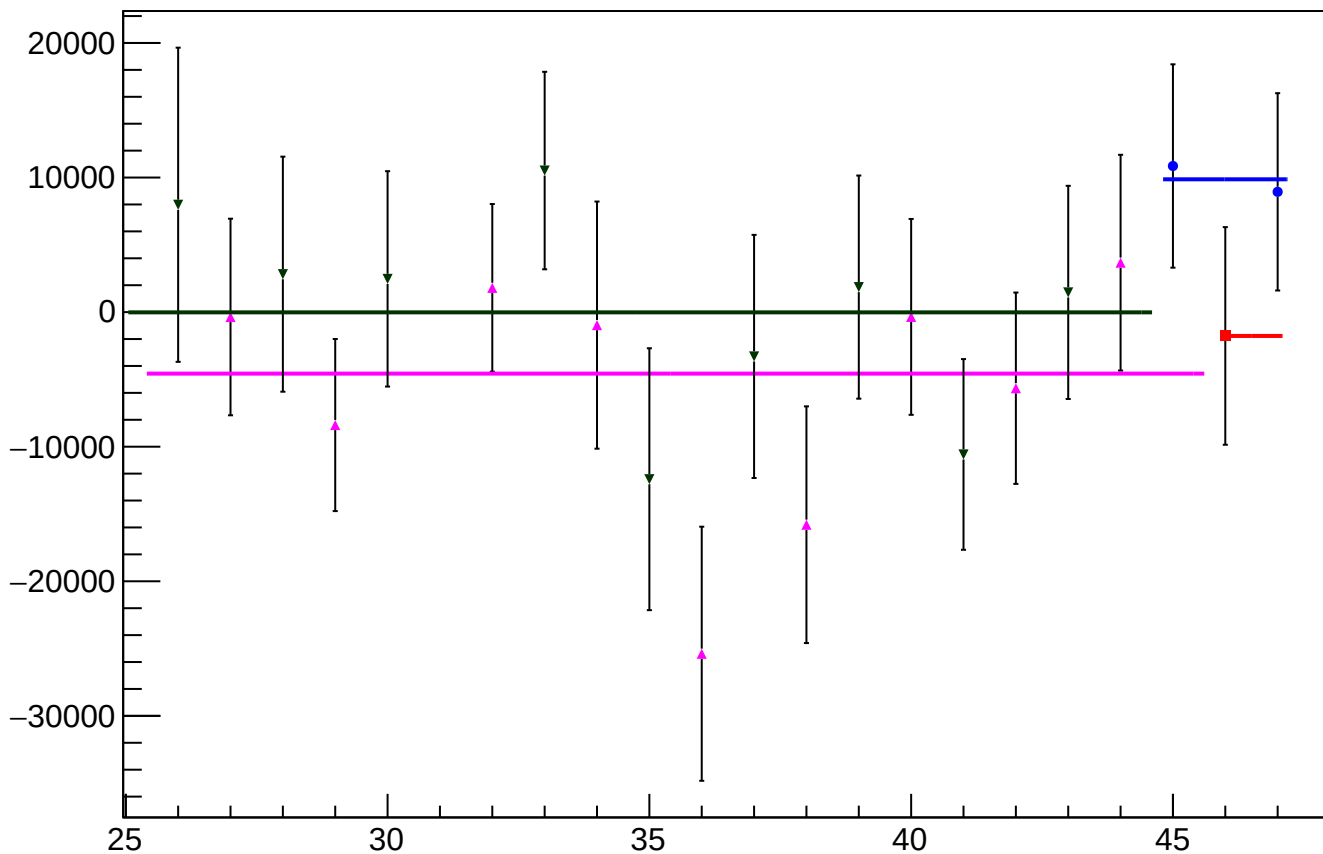
Left Out: 470.470+/-0.152 χ^2/NDF : 74080.1/8

Right Out: 478.825+/-0.476 χ^2/NDF : 0.0/0

Left In: 479.100+/-0.144 χ^2/NDF : 116132.1/8

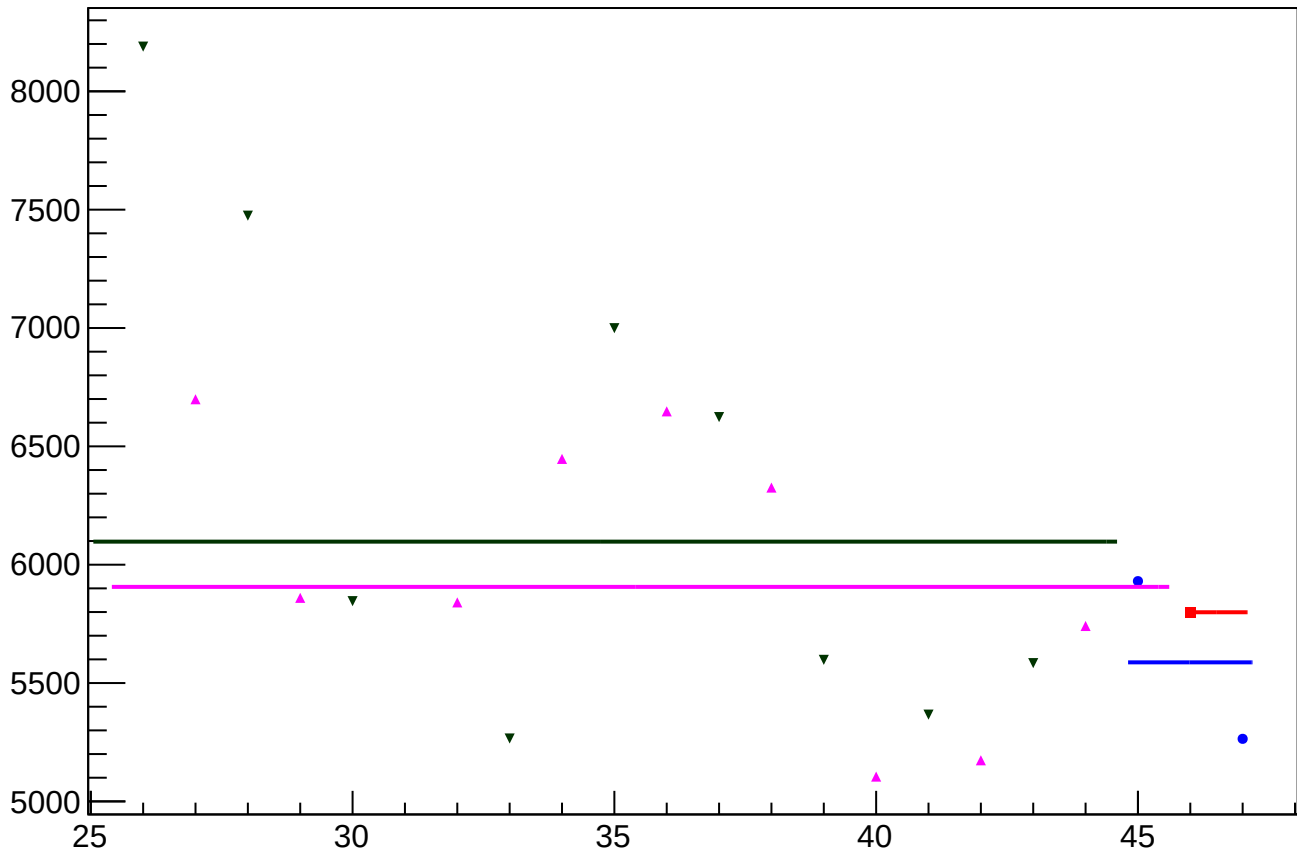
474.278+/-0.097 χ^2/NDF : 204556.2/20

asym_sam_37_dd_correction_mean vs slug



-1182.207 $\pm$ 1718.710 χ^2 /NDF: 23.0/20

asym_sam_37_dd_correction_rms vs slug



Right In: 5587.414+/-3.720 χ^2/NDF : 8010.8/1

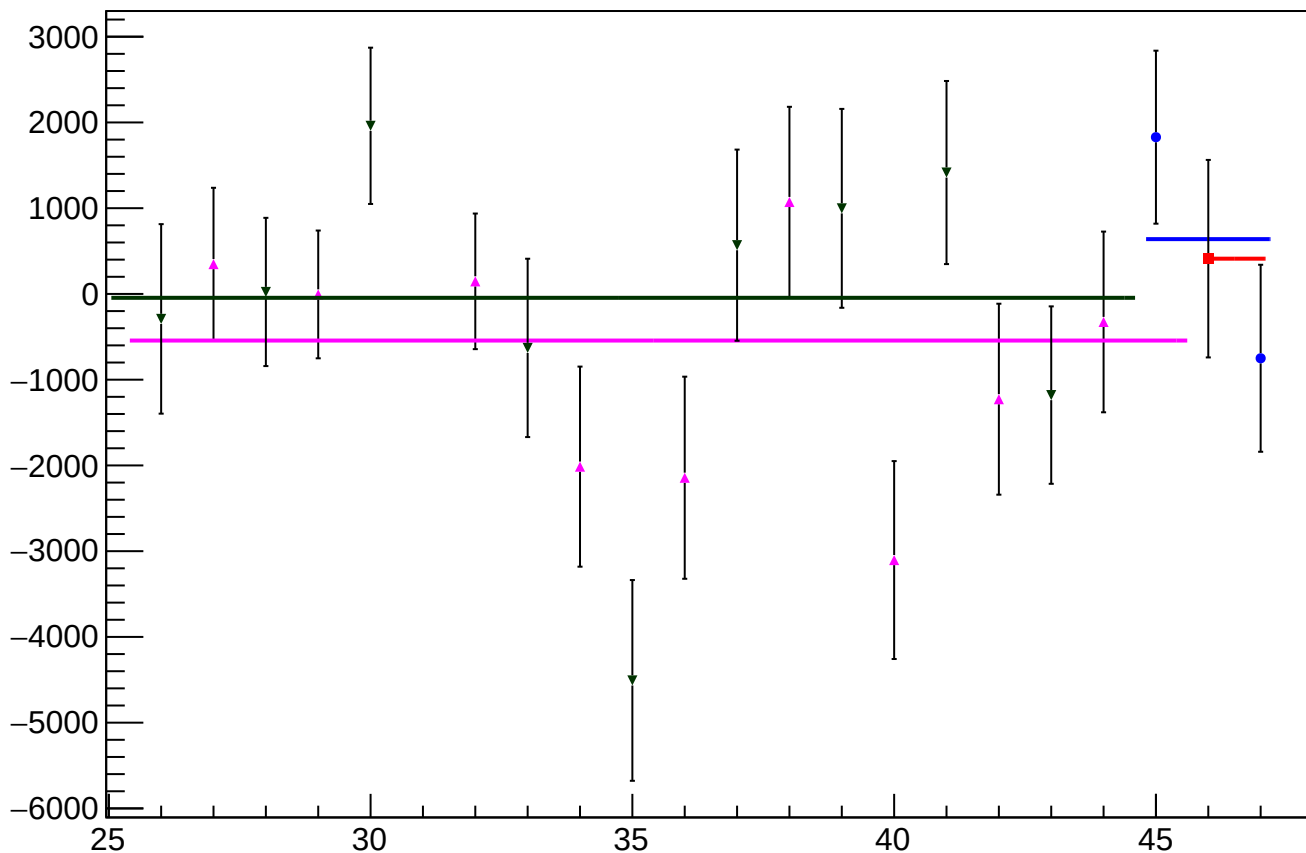
Left Out: 6097.446+/-1.977 χ^2/NDF : 202537.0/8

5939.629+/-1.215 χ^2/NDF : 320906.7/20

Right Out: 5799.080+/-5.718 χ^2/NDF : 0.0/0

Left In: 5906.293+/-1.772 χ^2/NDF : 94067.7/8

reg_asym_sam_48_dd_mean vs slug



Right In: 639.220 $\pm$ 740.500 χ^2 /NDF: 3.0/1

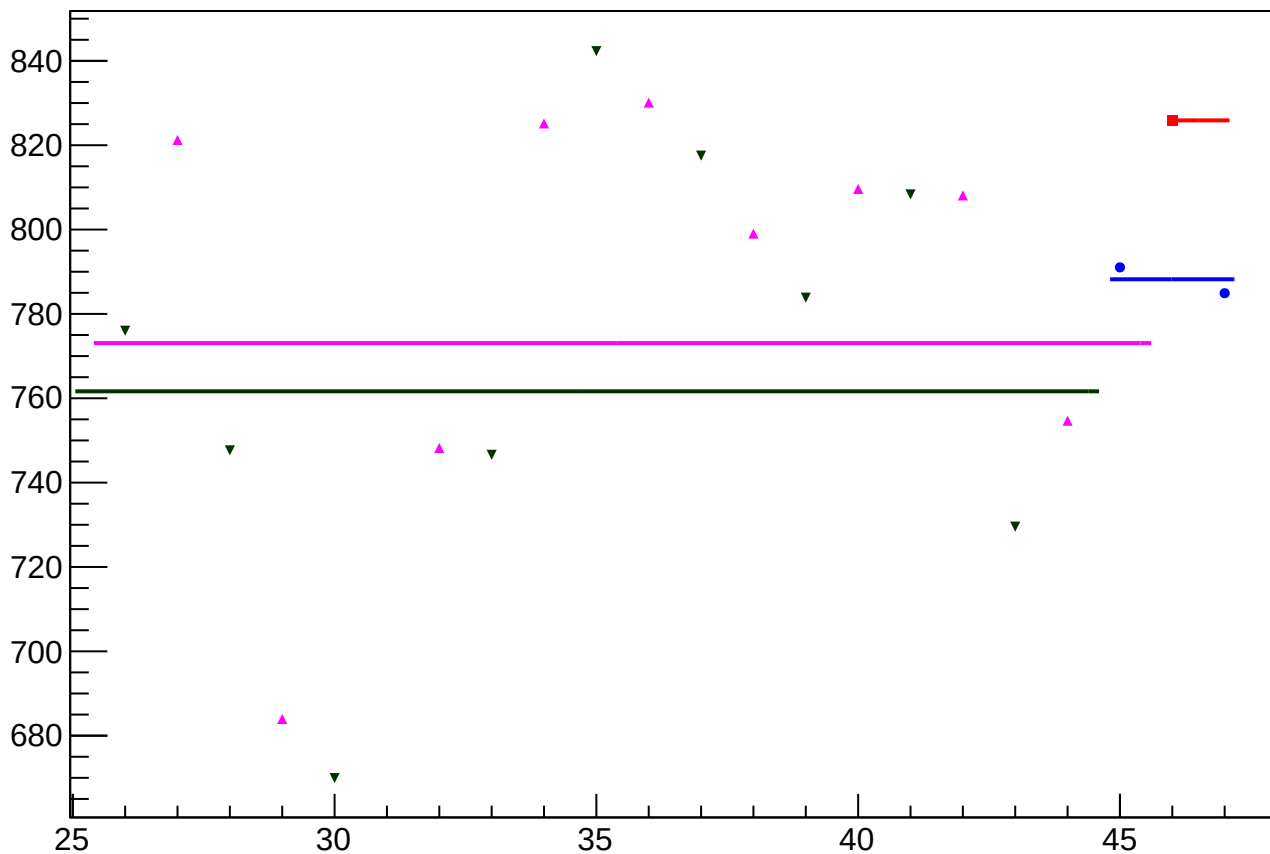
Left Out: -45.235 $\pm$ 345.547 χ^2 /NDF:23.9/8

Right Out: 411.224 $\pm$ 1151.763 χ^2 /NDF: 0.0/0

Left In: -543.555 $\pm$ 326.377 χ^2 /NDF:13.2/8

-196.942 $\pm$ 221.729 χ^2 /NDF: 43.0/20

reg_asym_sam_48_dd_rms vs slug



Right In: 788.213+/-0.524 χ^2/NDF : 34.0/1

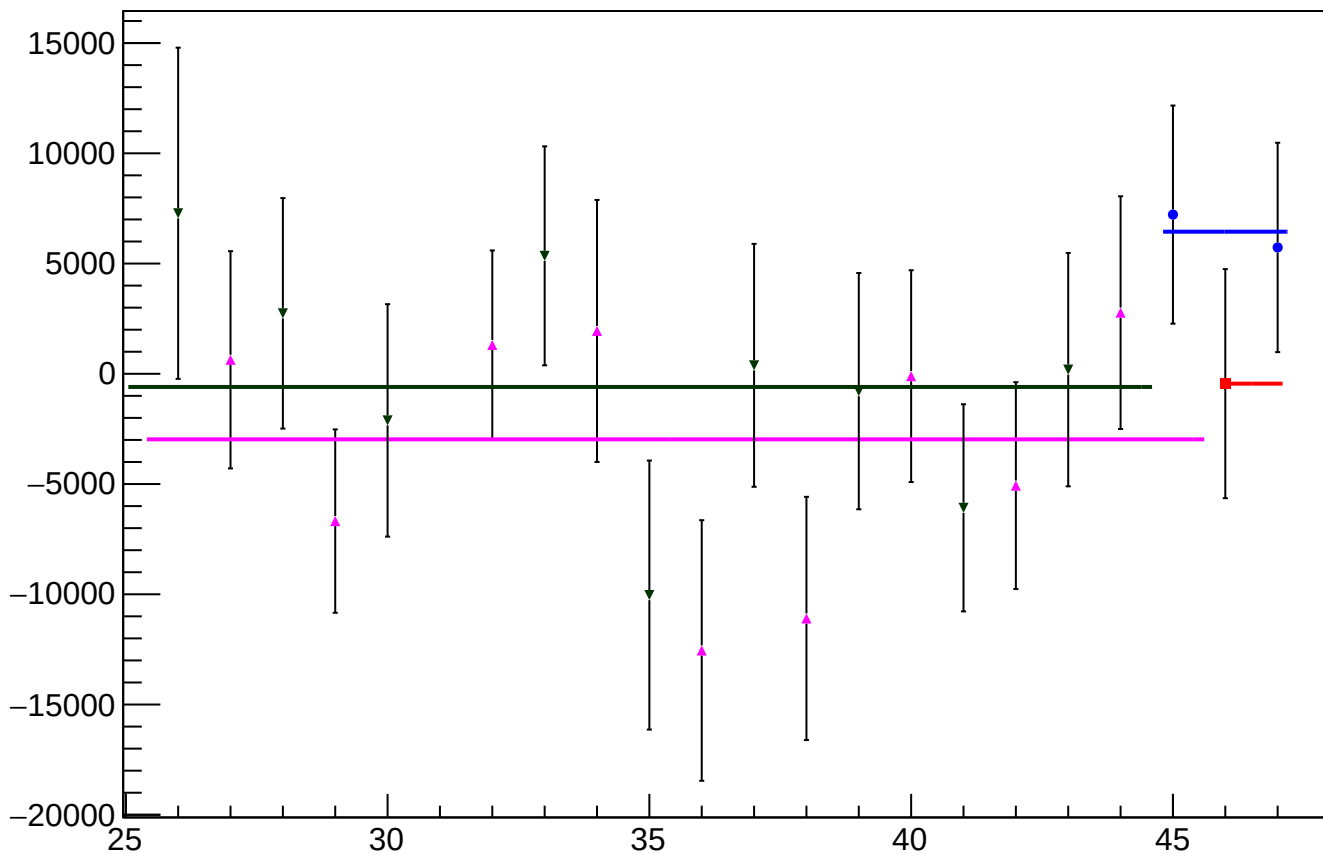
Left Out: 761.648+/-0.244 χ^2/NDF : 42533.2/8

Right Out: 825.887+/-0.814 χ^2/NDF : 0.0/0

Left In: 773.089+/-0.231 χ^2/NDF : 50808.8/8

771.691+/-0.157 χ^2/NDF : 100525.9/20

asym_sam_48_dd_correction_mean vs slug



Right In: 6444.882 $\pm$ 3425.421 χ^2 /NDF: 0.0/1

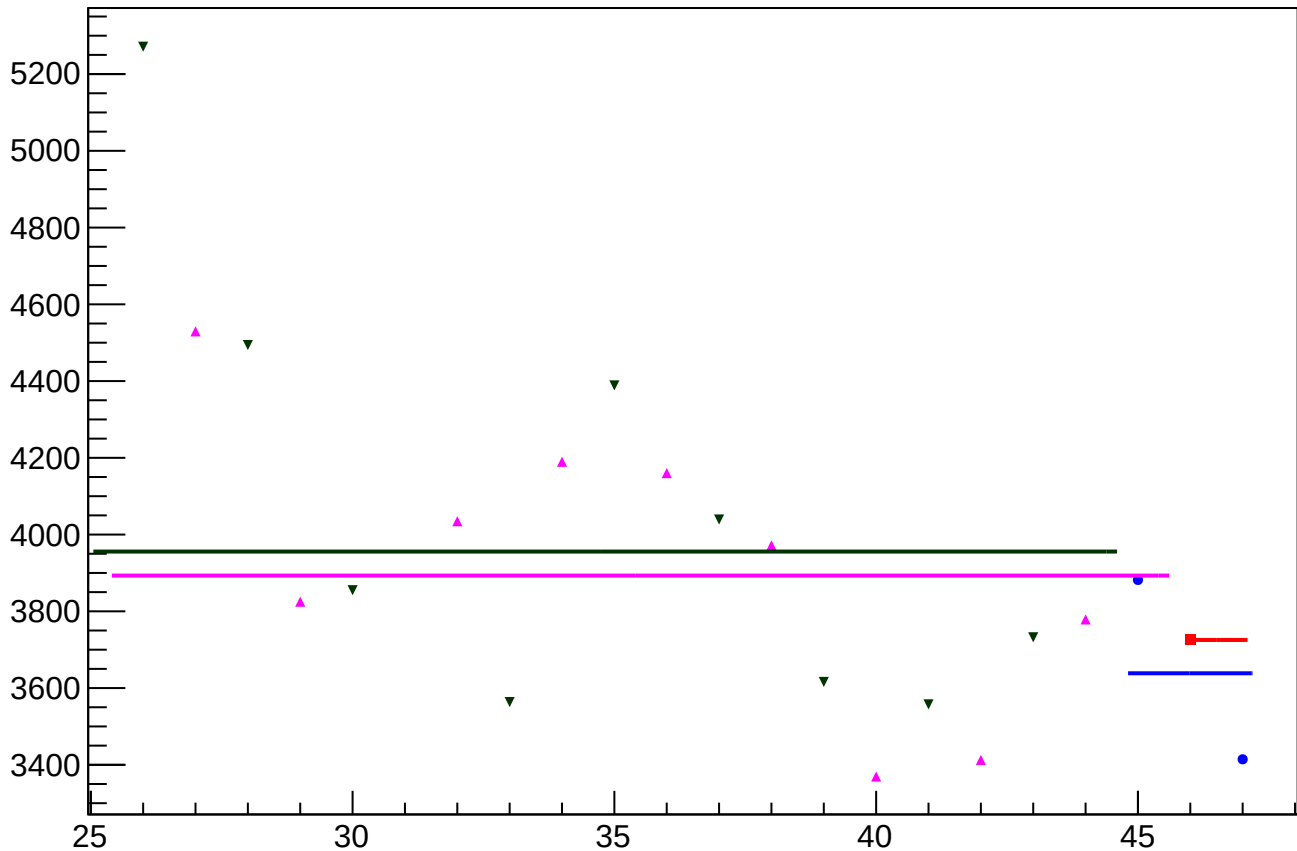
Left Out: -596.718 $\pm$ 1806.172 χ^2 /NDF: 6.8/8

Right Out: -446.517 $\pm$ 5194.313 χ^2 /NDF: 0.0/0

Left In: -2972.241 $\pm$ 1648.547 χ^2 /NDF: 9.5/8

-933.568 $\pm$ 1120.289 χ^2 /NDF: 22.6/20

asym_sam_48_dd_correction_rms vs slug



Right In: 3638.538+/-2.422 χ^2/NDF : 9292.4/1

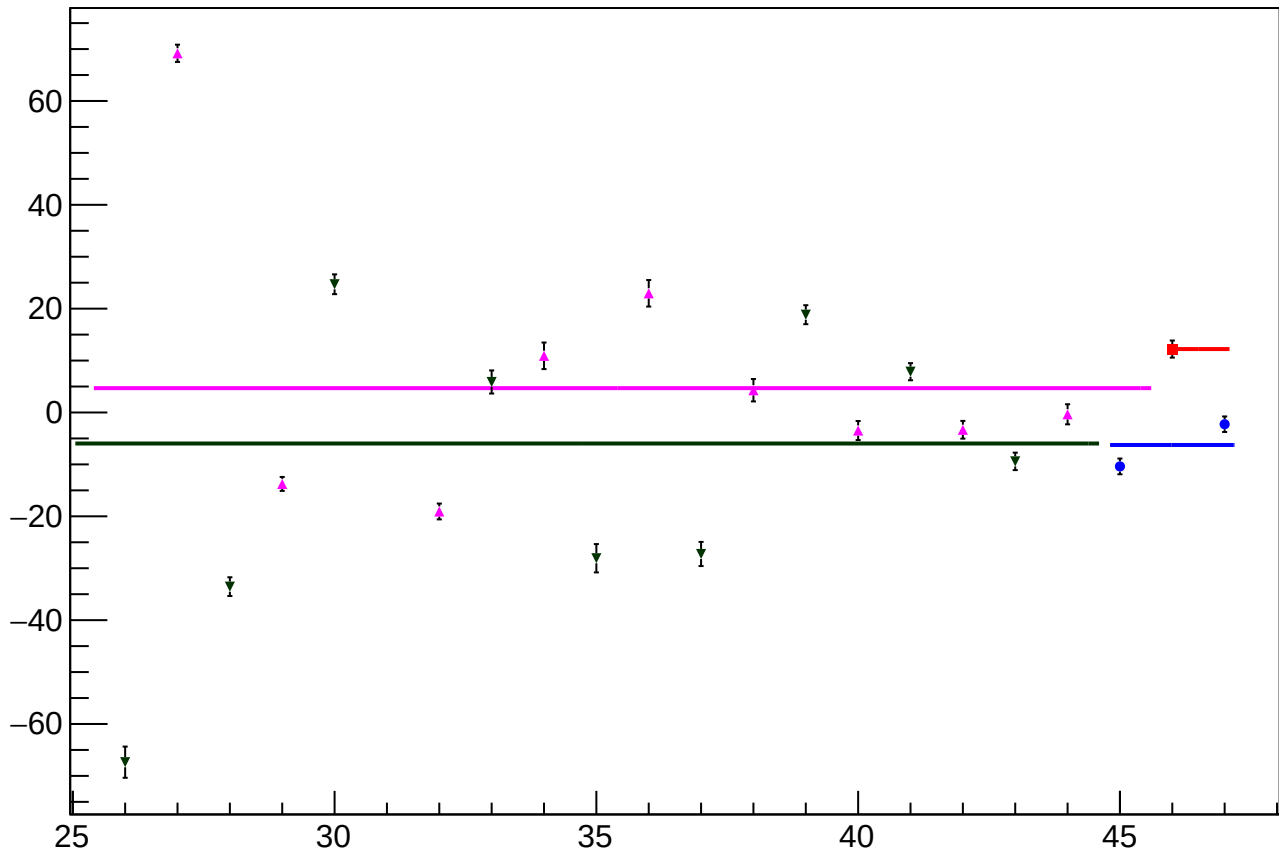
Left Out: 3955.749+/-1.277 χ^2/NDF :132278.2/8

3882.194+/-0.792 χ^2/NDF : 248164.7/20

Right Out: 3725.386+/-3.673 χ^2/NDF : 0.0/0

Left In: 3893.148+/-1.166 χ^2/NDF :91246.8/8

reg_asym_atr1_diff_bpm4aX_slope vs slug



Right In: -6.259 ± 1.064 $\chi^2/\text{NDF}: 14.6/1$

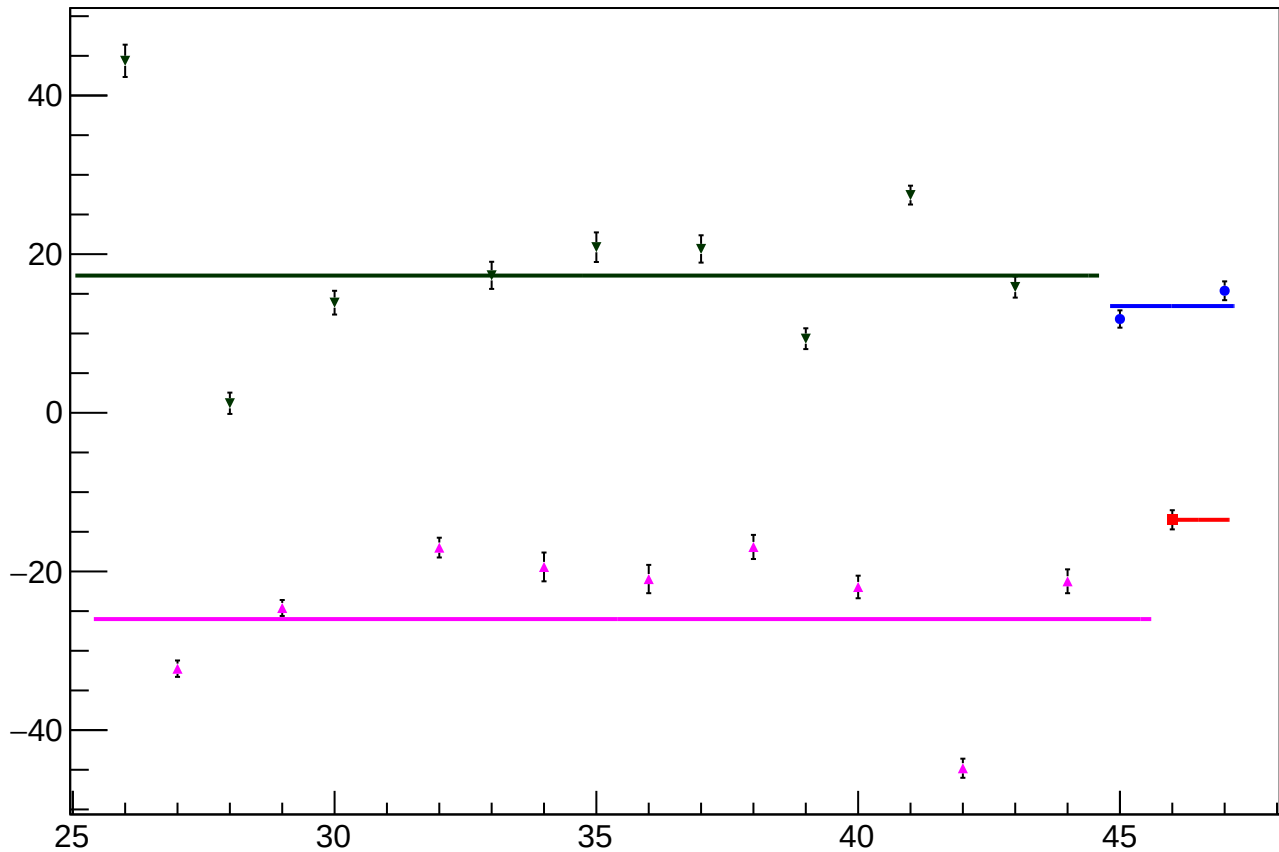
Left Out: -5.976 ± 0.669 $\chi^2/\text{NDF}: 1346.2/8$

Right Out: 12.215 ± 1.646 $\chi^2/\text{NDF}: 0.0/0$

Left In: 4.687 ± 0.600 $\chi^2/\text{NDF}: 2042.2/8$

-0.219 ± 0.400 $\chi^2/\text{NDF}: 3633.2/20$

reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 13.458 $\pm$ 0.803 χ^2/NDF : 4.9/1

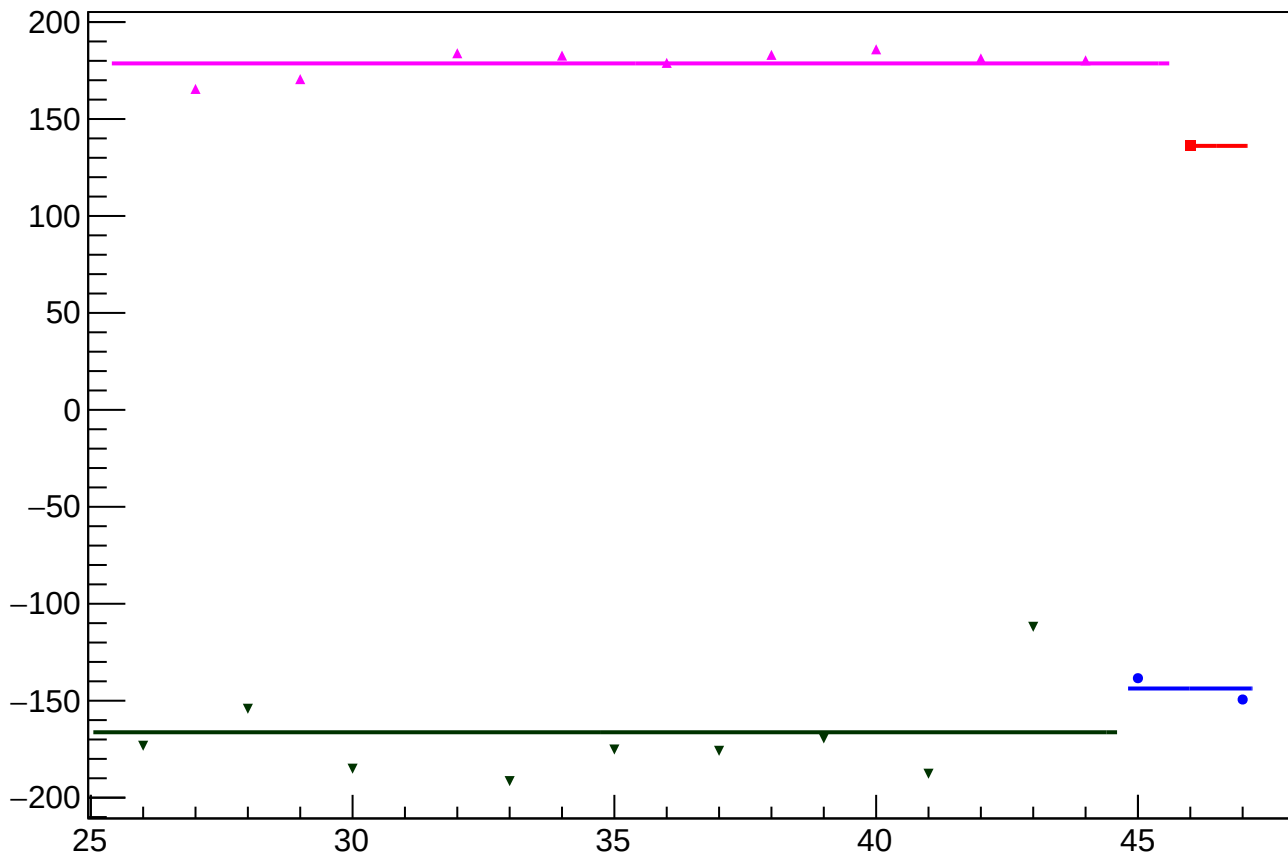
Left Out: 17.301 $\pm$ 0.497 χ^2/NDF : 443.8/8

Right Out: -13.488 $\pm$ 1.208 χ^2/NDF : 0.0/0

Left In: -26.003 $\pm$ 0.437 χ^2/NDF : 409.3/8

-4.728 $\pm$ 0.294 χ^2/NDF : 5764.6/20

reg_asym_atr1_diff_bpm4eX_slope vs slug



Right In: -143.700+/-0.174 χ^2/NDF : 997.0/1

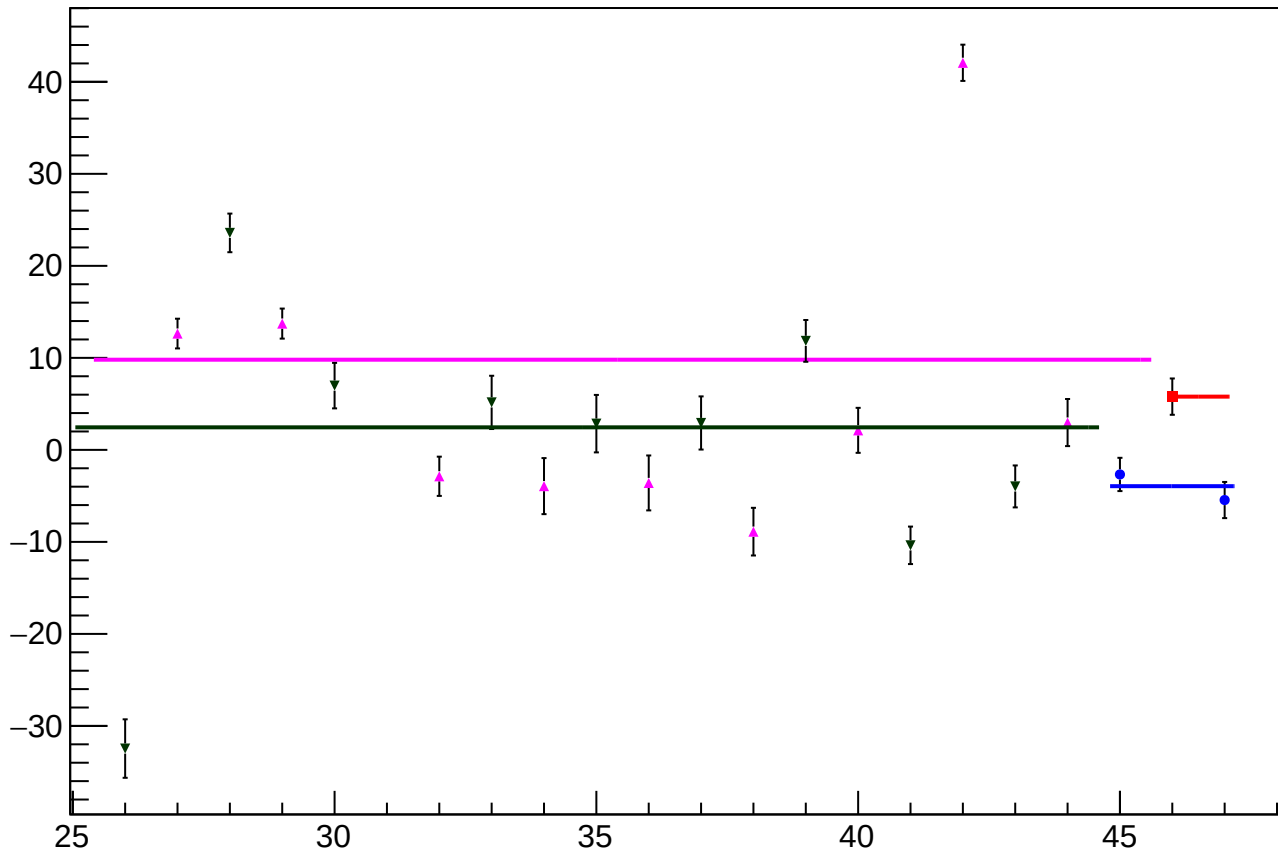
Left Out: -166.272+/-0.112 χ^2/NDF : 54572.5/8

Right Out: 136.145+/-0.247 χ^2/NDF : 0.0/0

Left In: 178.677+/-0.104 χ^2/NDF : 4273.4/8

4.041+/-0.067 χ^2/NDF : 6212416.4/20

reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: -3.945 ± 1.330 χ^2/NDF : 1.1/1

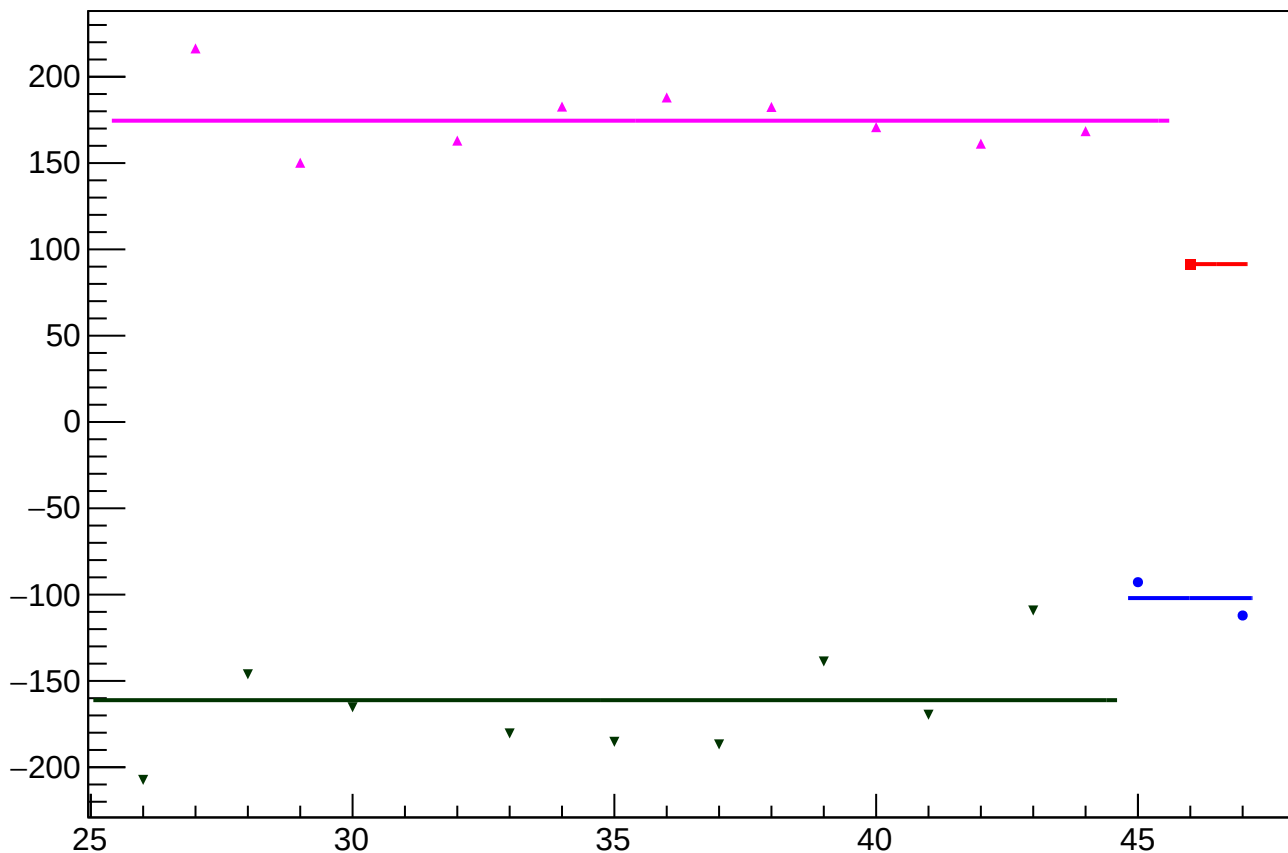
Left Out: 2.449 ± 0.828 χ^2/NDF : 291.1/8

Right Out: 5.786 ± 1.973 χ^2/NDF : 0.0/0

Left In: 9.799 ± 0.721 χ^2/NDF : 422.2/8

5.158 ± 0.488 χ^2/NDF : 813.5/20

reg_asym_atr1_diff_bpm11X_slope vs slug



Right In: -102.012+/-0.262 χ^2 /NDF: 1352.7/1

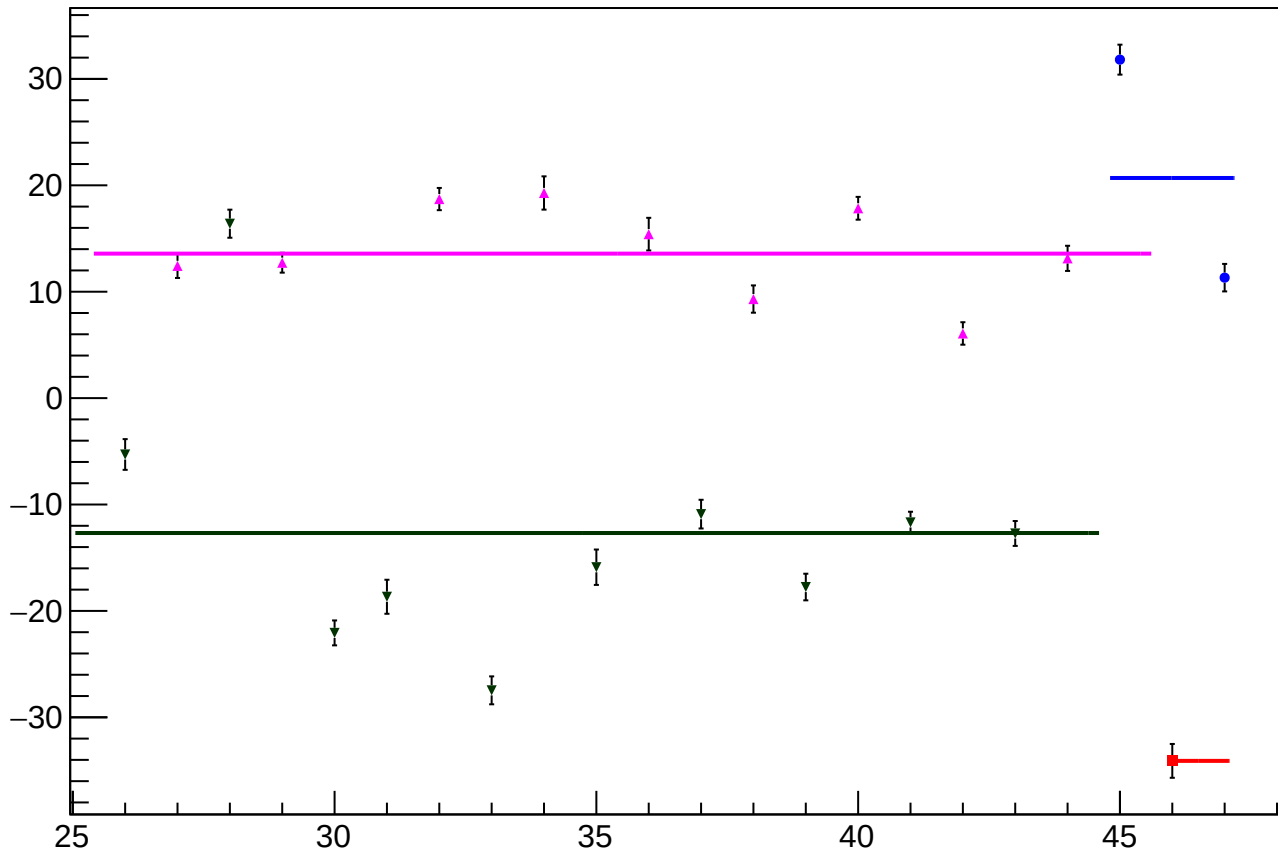
Left Out: -161.152+/-0.151 χ^2 /NDF:35710.6/8

-3.046+/-0.096 χ^2 /NDF: 2719958.4/20

Right Out: 91.468+/-0.388 χ^2 /NDF: 0.0/0

Left In: 174.553+/-0.152 χ^2 /NDF:17338.1/8

reg_asym_atl1_diff_bpm4aX_slope vs slug



Right In: 20.689 ± 0.952 χ^2/NDF : 115.0/1

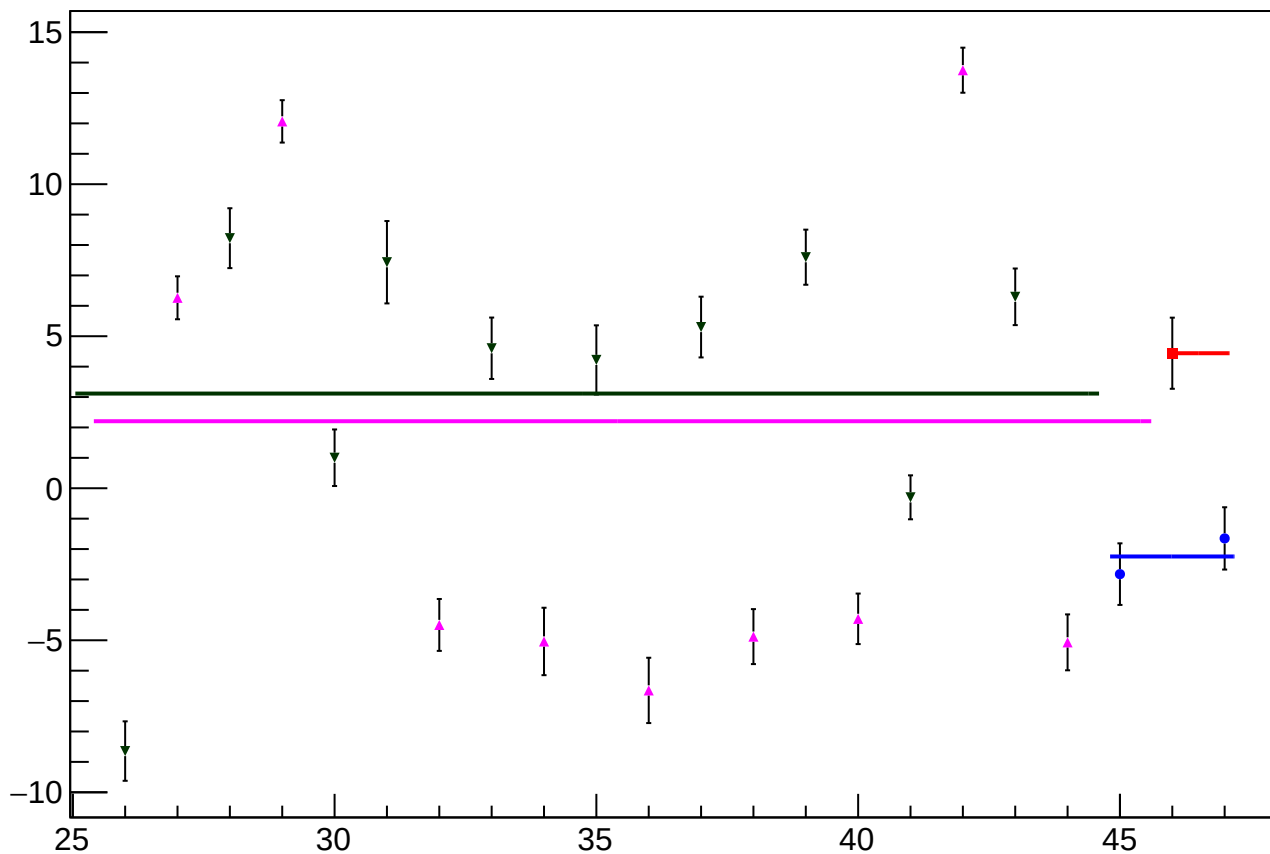
Left Out: -12.678 ± 0.407 χ^2/NDF : 739.7/9

Right Out: -34.094 ± 1.590 χ^2/NDF : 0.0/0

Left In: 13.580 ± 0.384 χ^2/NDF : 118.2/8

1.732 ± 0.264 χ^2/NDF : 4079.4/21

reg_asym_atl1_diff_bpm4aY_slope vs slug



Right In: -2.244 ± 0.720 $\chi^2/\text{NDF}: 0.7/1$

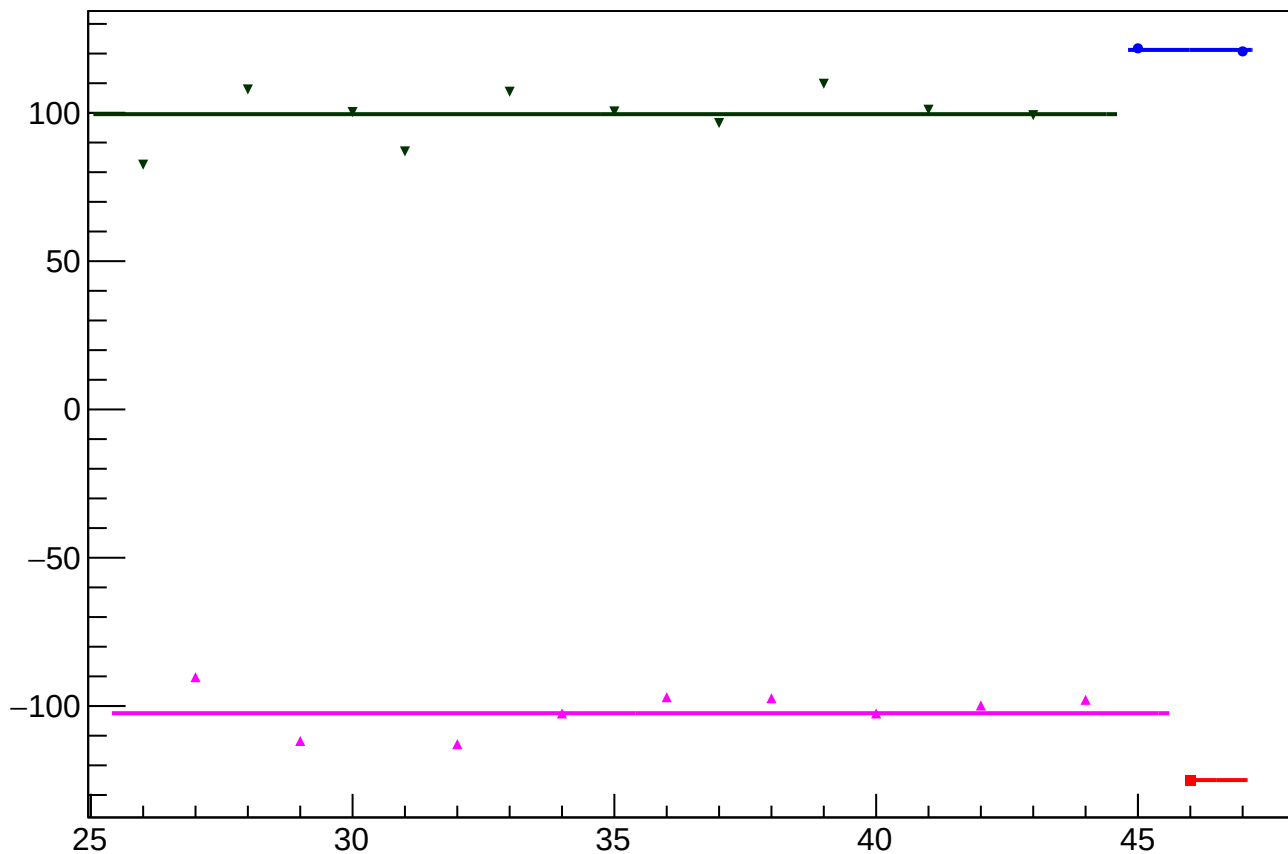
Left Out: 3.114 ± 0.304 $\chi^2/\text{NDF}: 253.2/9$

2.315 ± 0.195 $\chi^2/\text{NDF}: 1137.5/21$

Right Out: 4.441 ± 1.170 $\chi^2/\text{NDF}: 0.0/0$

Left In: 2.204 ± 0.280 $\chi^2/\text{NDF}: 833.1/8$

reg_asym_atl1_diff_bpm4eX_slope vs slug



Right In: 121.232 +/- 0.155 χ^2/NDF : 11.0/1

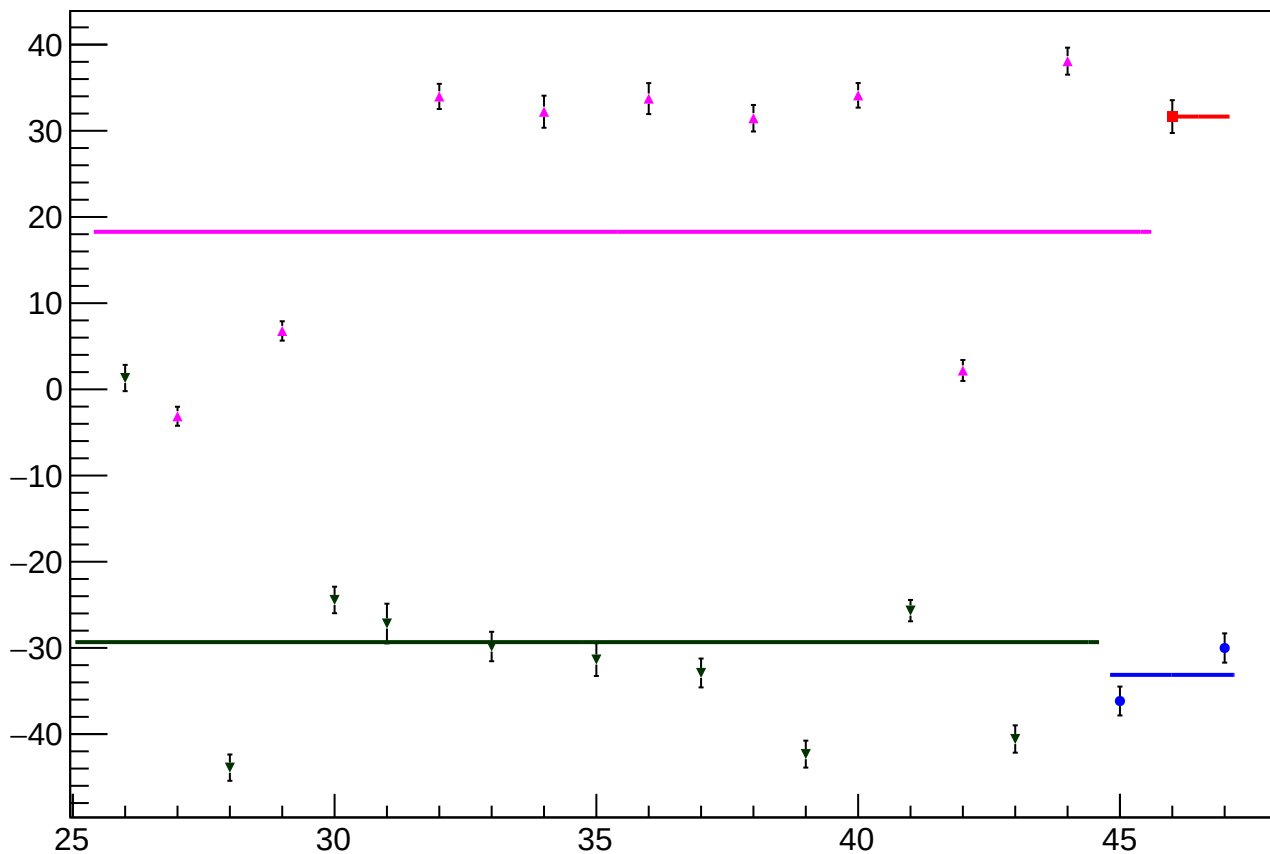
Left Out: 99.566 +/- 0.067 χ^2/NDF : 14211.8/9

3.331 +/- 0.044 χ^2/NDF : 5527441.6/21

Right Out: -124.971 +/- 0.239 χ^2/NDF : 0.0/0

Left In: -102.409 +/- 0.066 χ^2/NDF : 12175.8/8

reg_asym_atl1_diff_bpm4eY_slope vs slug



Right In: -33.128+/-1.193 χ^2/NDF : 6.7/1

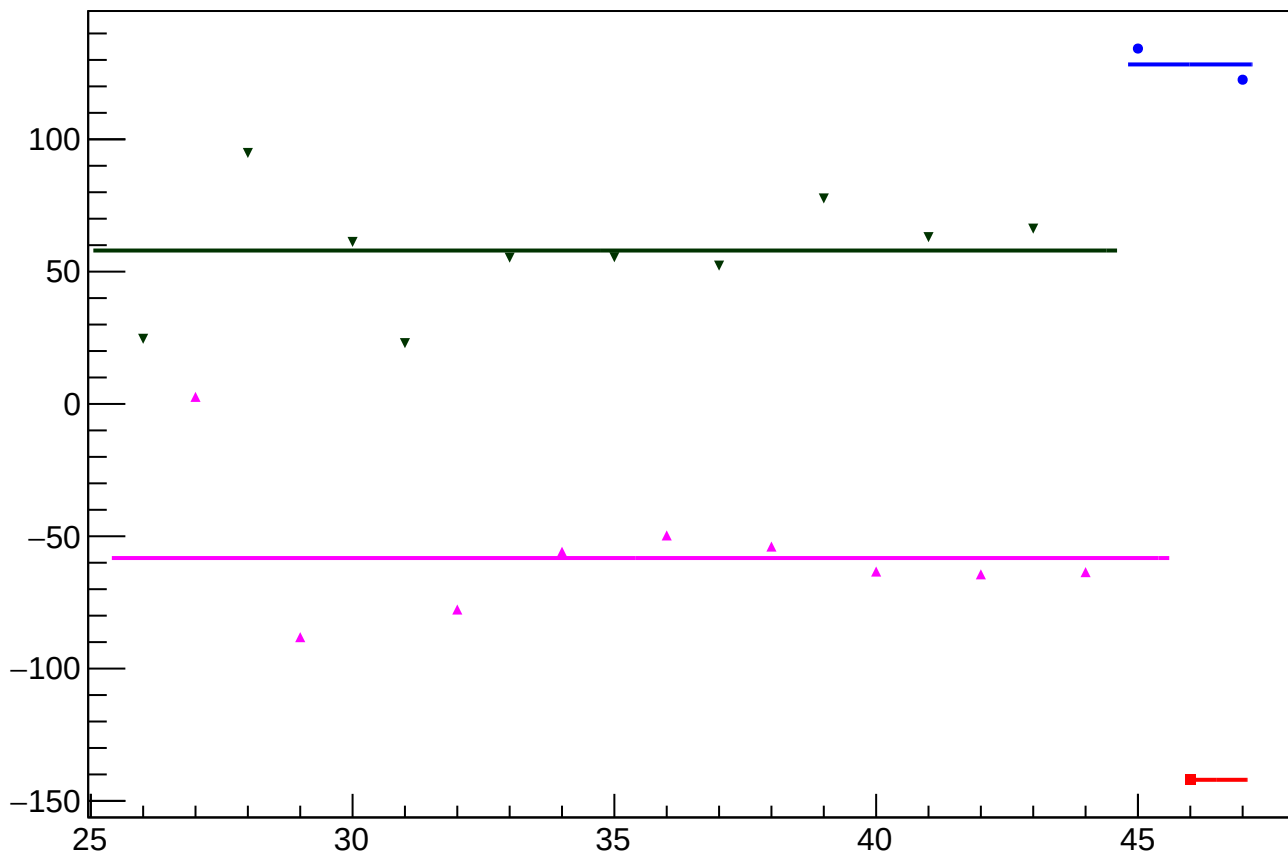
Left Out: -29.328+/-0.506 χ^2/NDF : 640.3/9

-4.550+/-0.323 χ^2/NDF : 7678.7/21

Right Out: 31.648+/-1.902 χ^2/NDF : 0.0/0

Left In: 18.278+/-0.462 χ^2/NDF : 1258.8/8

reg_asym_atl1_diff_bpm11X_slope vs slug



Right In: 128.295±/-0.234 χ^2 /NDF: 632.5/1

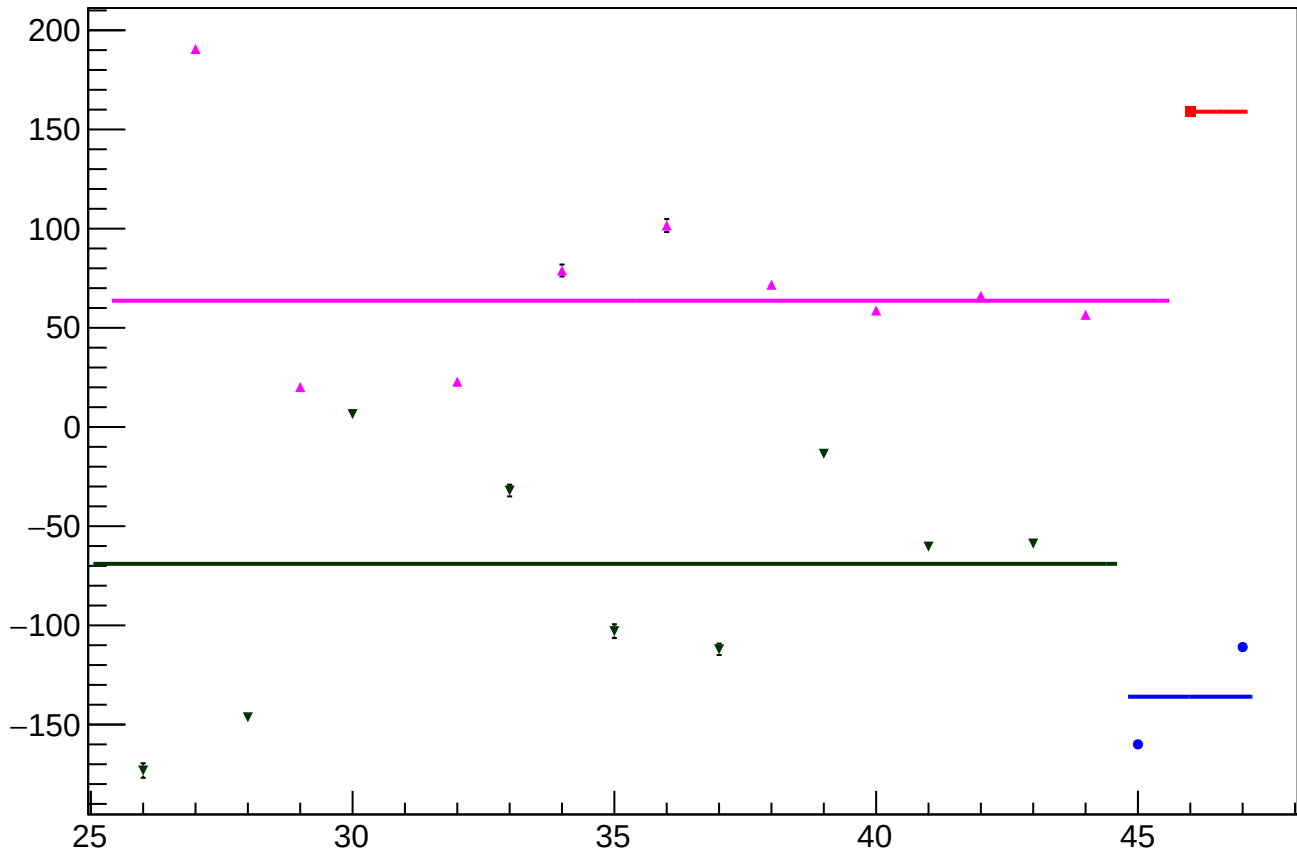
Left Out: 57.976±/-0.092 χ^2 /NDF:48326.9/9

Right Out: -142.029±/-0.374 χ^2 /NDF: 0.0/0

Left In: -58.229±/-0.096 χ^2 /NDF:65783.8/8

7.658±/-0.063 χ^2 /NDF: 1312715.8/21

reg_asym_atr2_diff_bpm4aX_slope vs slug



Right In: -135.953+/-1.565 χ^2/NDF : 245.5/1

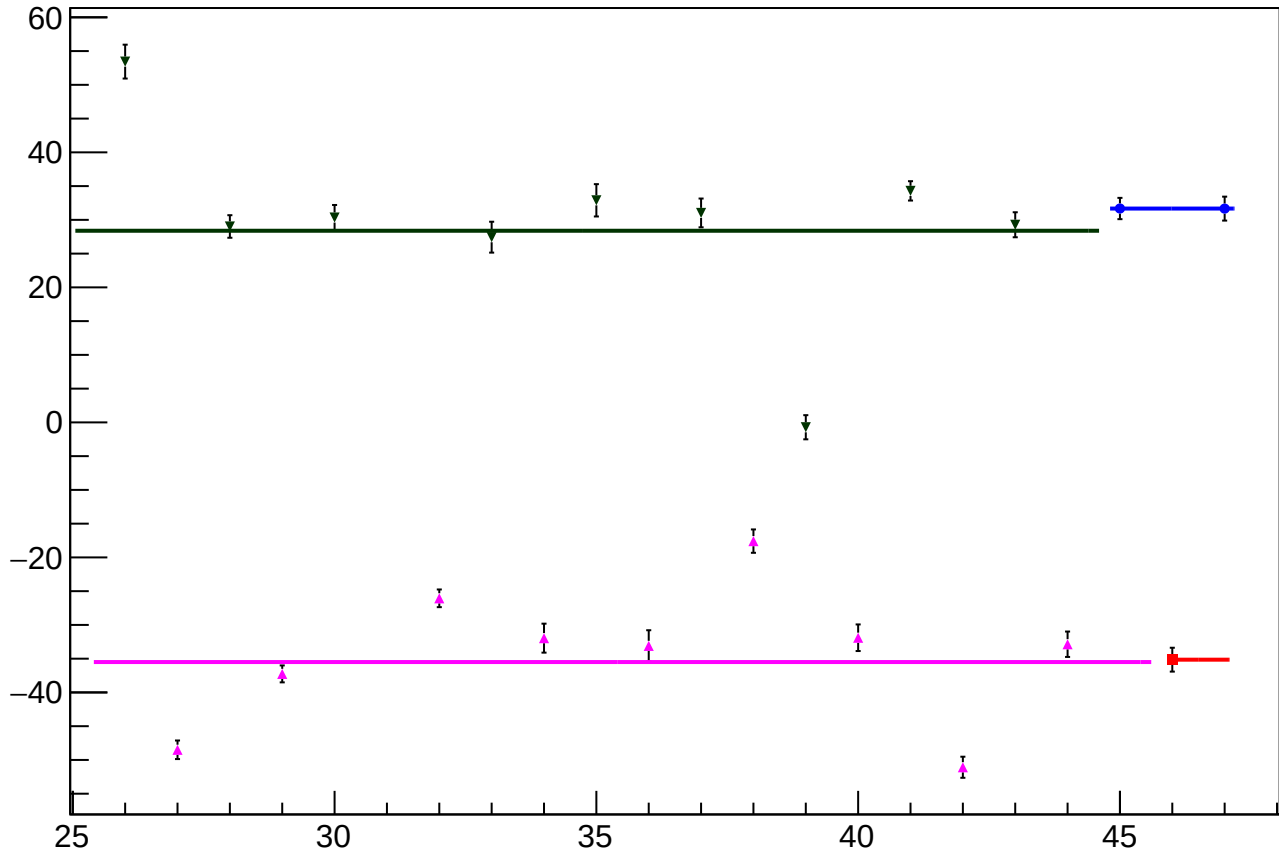
Left Out: -68.974+/-0.854 χ^2/NDF : 4033.6/8

-1.129+/-0.512 χ^2/NDF : 35164.2/20

Right Out: 158.968+/-2.404 χ^2/NDF : 0.0/0

Left In: 63.663+/-0.734 χ^2/NDF : 4921.5/8

reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 31.673+/-1.178 χ^2/NDF : 0.0/1

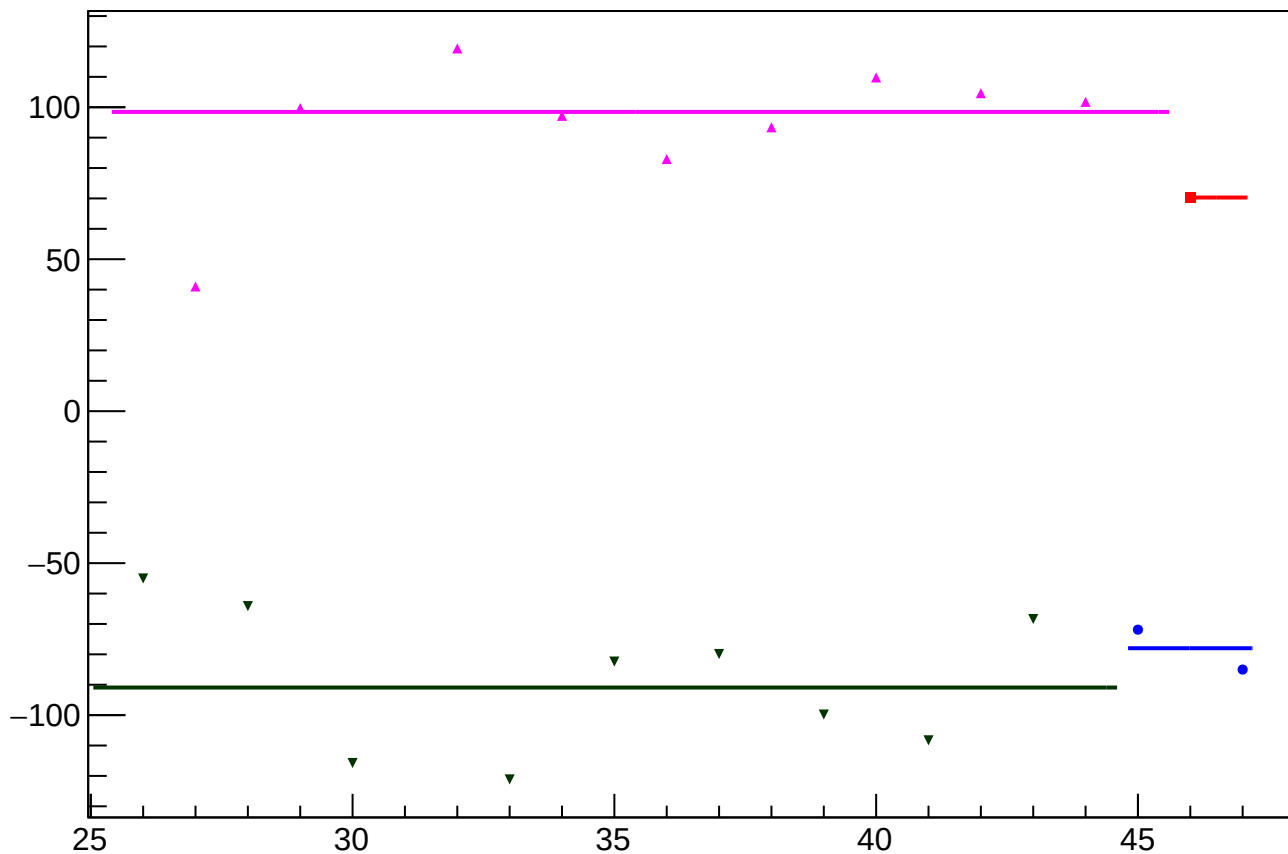
Left Out: 28.386+/-0.635 χ^2/NDF : 388.2/8

Right Out: -35.148+/-1.767 χ^2/NDF : 0.0/0

Left In: -35.499+/-0.540 χ^2/NDF : 358.9/8

-5.732+/-0.379 χ^2/NDF : 7965.3/20

reg_asym_atr2_diff_bpm4eX_slope vs slug



Right In: -77.989±0.255 χ^2/NDF : 657.6/1

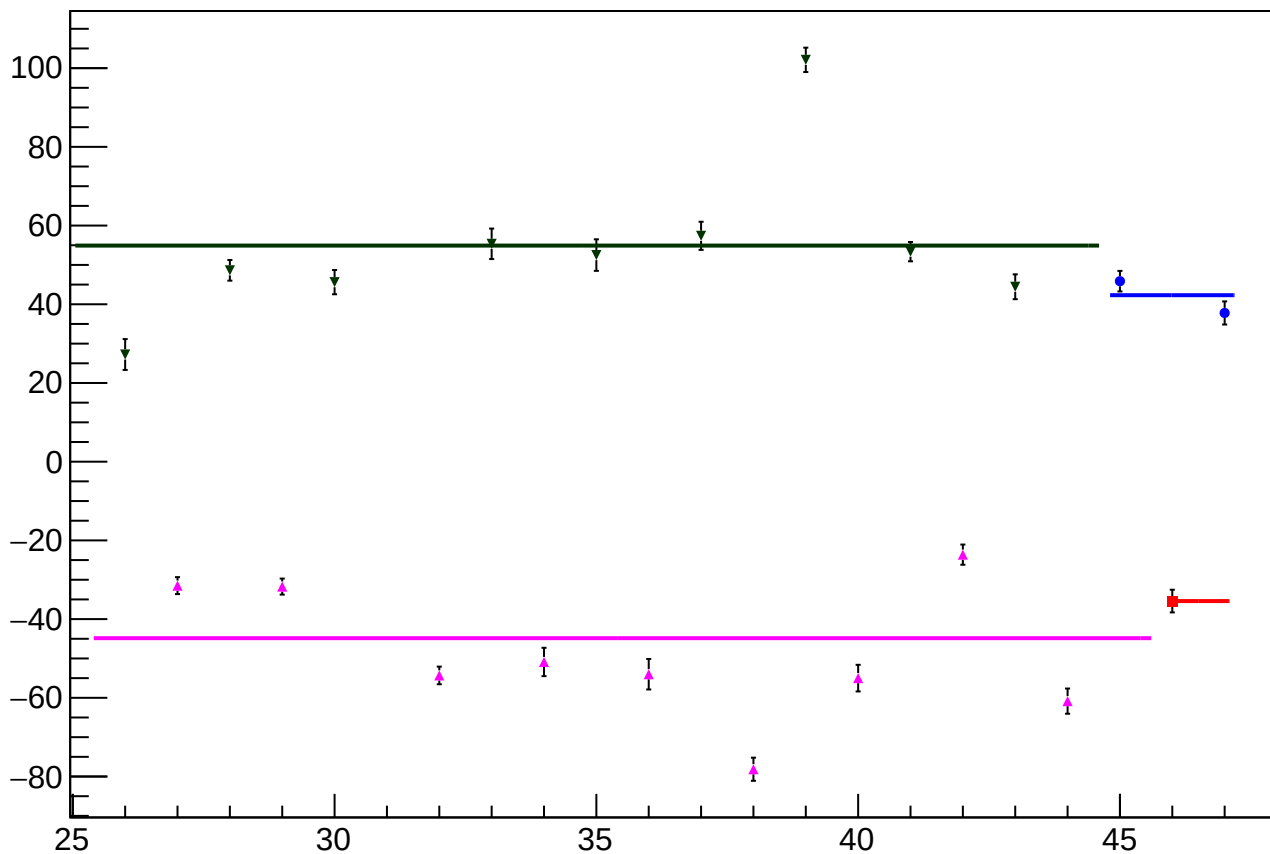
Left Out: -90.923±0.142 χ^2/NDF : 23966.6/8

Right Out: 70.300±0.361 χ^2/NDF : 0.0/0

Left In: 98.464±0.125 χ^2/NDF : 31724.1/8

8.775±0.085 χ^2/NDF : 1209708.9/20

reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 42.308+/-1.951 χ^2 /NDF: 4.2/1

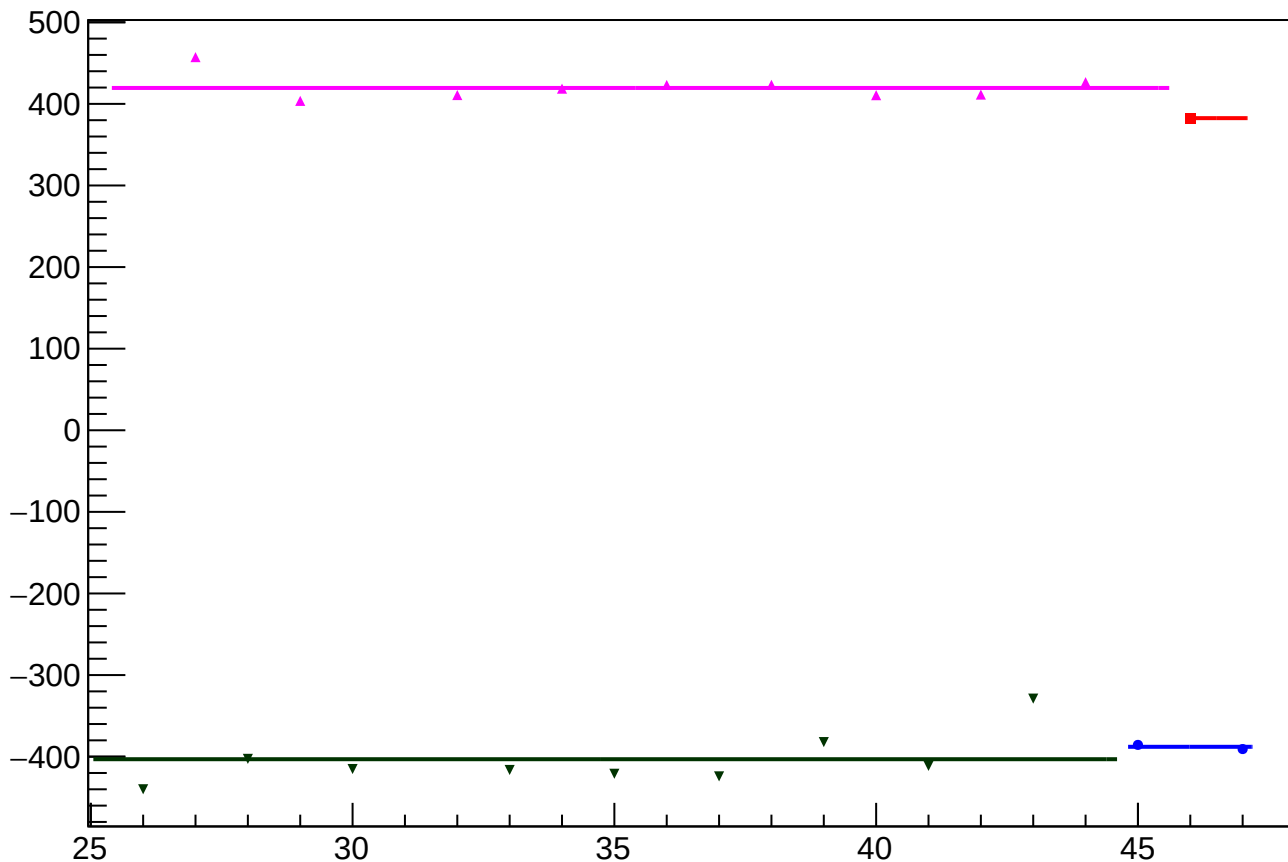
Left Out: 54.915+/-1.058 χ^2 /NDF:309.2/8

-0.112+/-0.629 χ^2 /NDF: 6484.1/20

Right Out: -35.418+/-2.881 χ^2 /NDF: 0.0/0

Left In: -44.844+/-0.893 χ^2 /NDF:337.0/8

reg_asym_atr2_diff_bpm11X_slope vs slug



Right In: -387.916 ± 0.385 $\chi^2/\text{NDF}: 43.7/1$

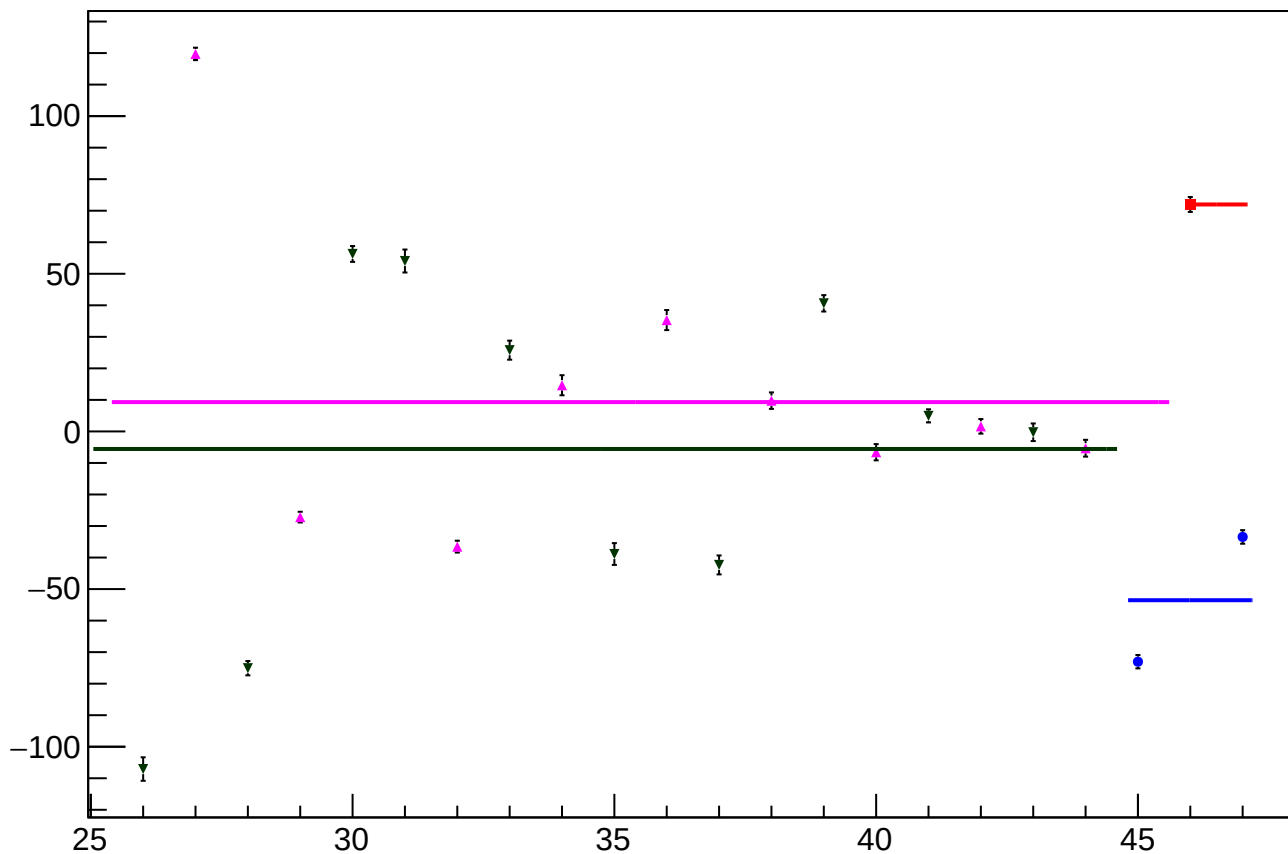
Left Out: -403.123 ± 0.196 $\chi^2/\text{NDF}: 24564.7/8$

Right Out: 382.519 ± 0.567 $\chi^2/\text{NDF}: 0.0/0$

Left In: 419.518 ± 0.188 $\chi^2/\text{NDF}: 6841.4/8$

-1.584 ± 0.125 $\chi^2/\text{NDF}: 10691376.4/20$

reg_asym_atl2_diff_bpm4aX_slope vs slug



Right In: -53.533±/-1.511 χ^2/NDF : 171.5/1

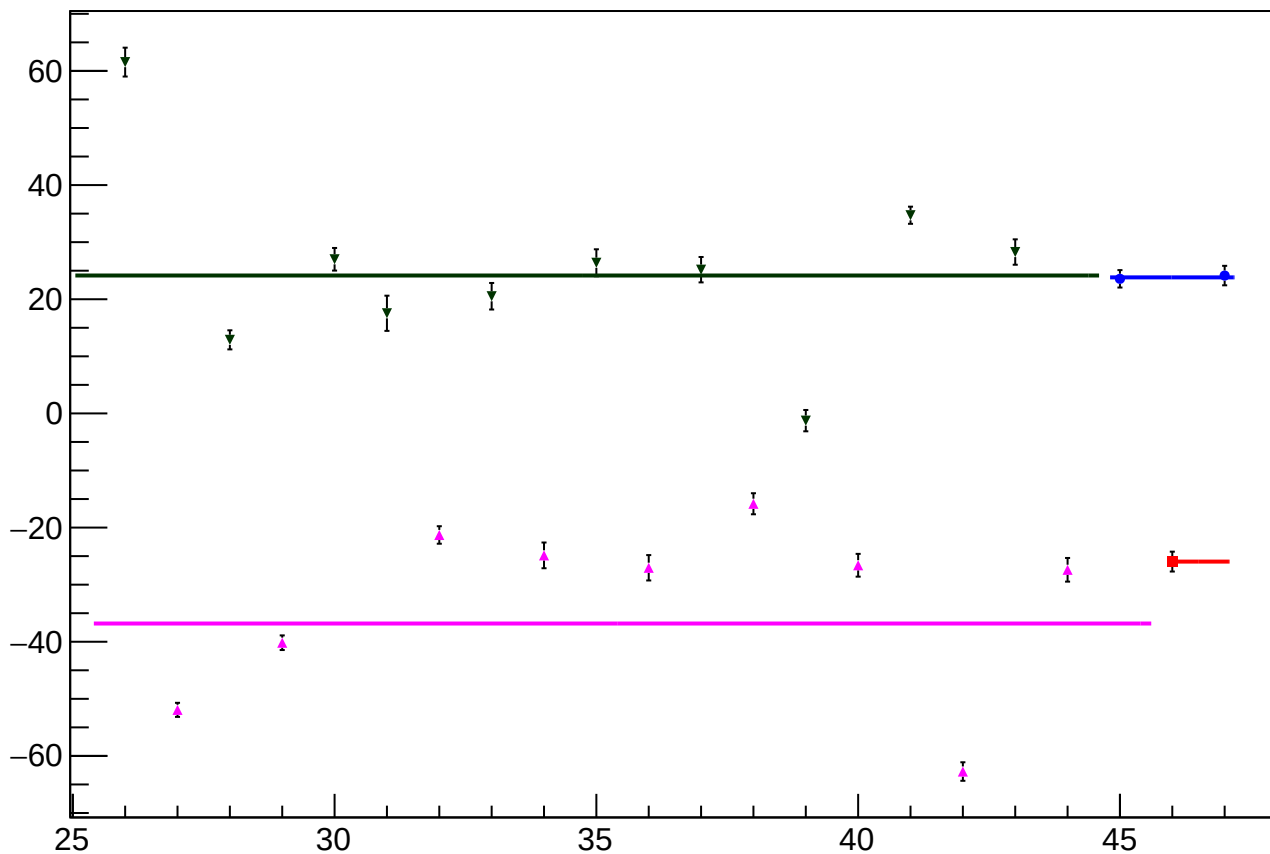
Left Out: -5.564±/-0.873 χ^2/NDF : 3249.0/9

Right Out: 71.982±/-2.369 χ^2/NDF : 0.0/0

Left In: 9.304±/-0.765 χ^2/NDF : 4334.5/8

-0.559±/-0.524 χ^2/NDF : 10120.3/21

reg_asym_atl2_diff_bpm4aY_slope vs slug



Right In: 23.831+/-1.138 χ^2 /NDF: 0.1/1

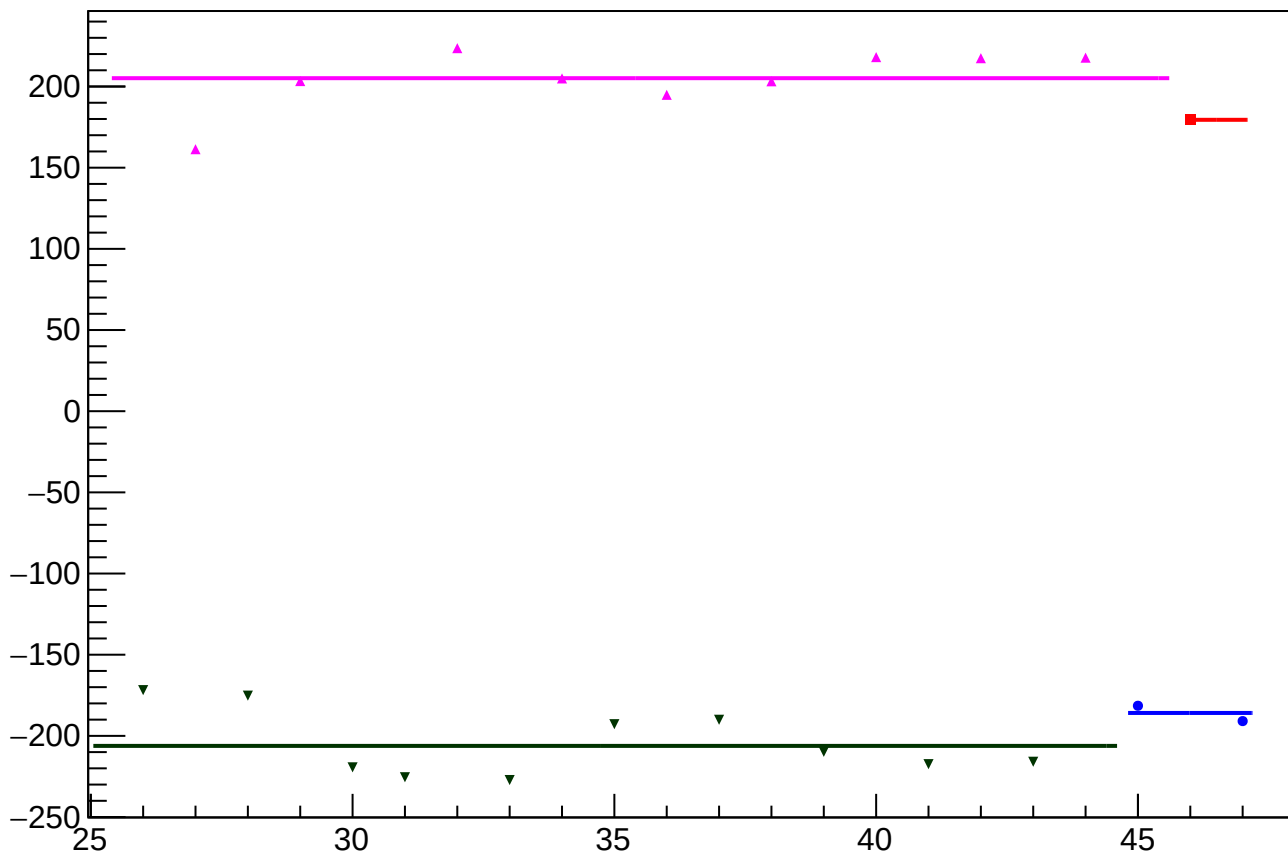
Left Out: 24.159+/-0.649 χ^2 /NDF:512.4/9

-7.799+/-0.386 χ^2 /NDF: 7289.4/21

Right Out: -25.959+/-1.741 χ^2 /NDF: 0.0/0

Left In: -36.807+/-0.555 χ^2 /NDF:738.6/8

reg_asym_atl2_diff_bpm4eX_slope vs slug



Right In: -185.880+/-0.247 χ^2/NDF : 364.9/1

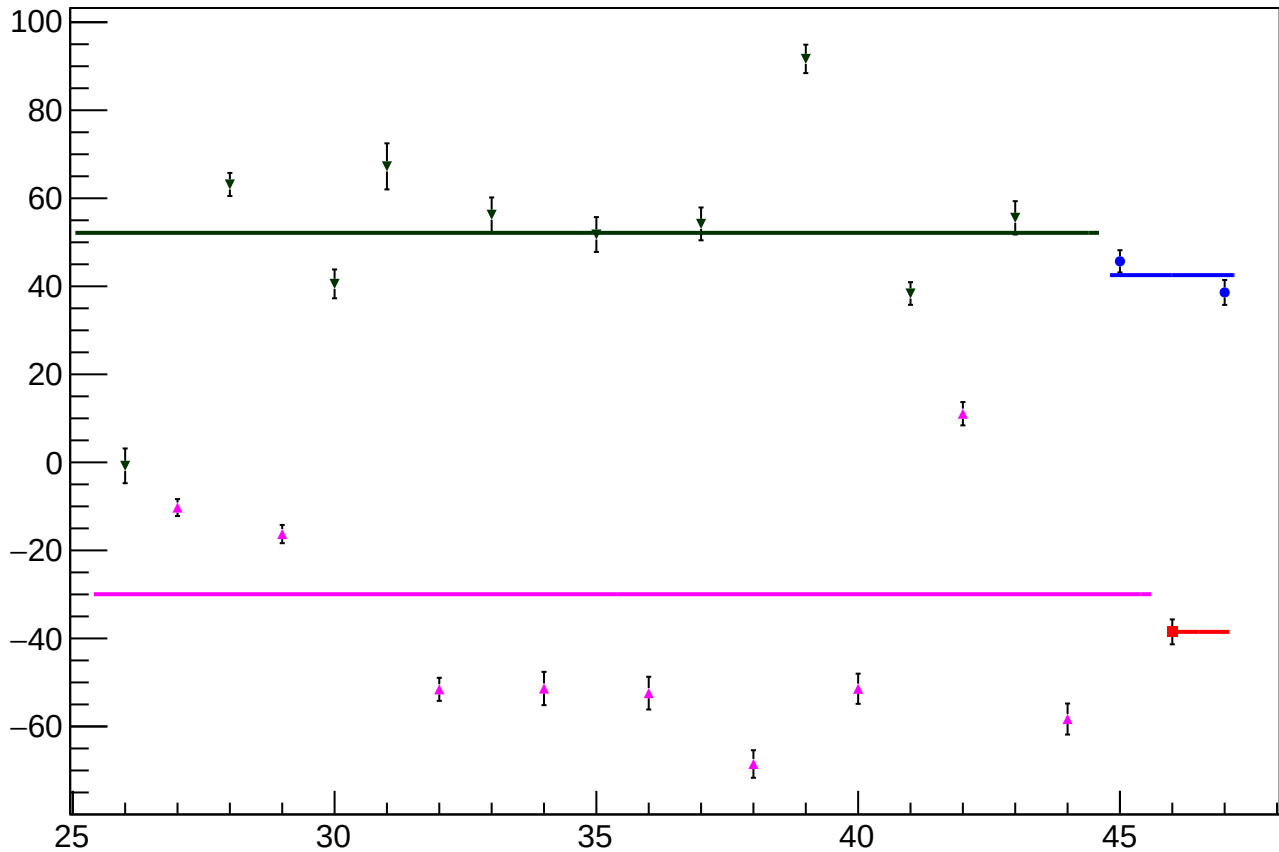
Left Out: -206.170+/-0.144 χ^2/NDF : 16992.5/9

2.153+/-0.088 χ^2/NDF : 5338632.1/21

Right Out: 179.490+/-0.356 χ^2/NDF : 0.0/0

Left In: 205.134+/-0.132 χ^2/NDF : 22564.1/8

reg_asym_atl2_diff_bpm4eY_slope vs slug



Right In: 42.540+/-1.884 χ^2/NDF : 3.5/1

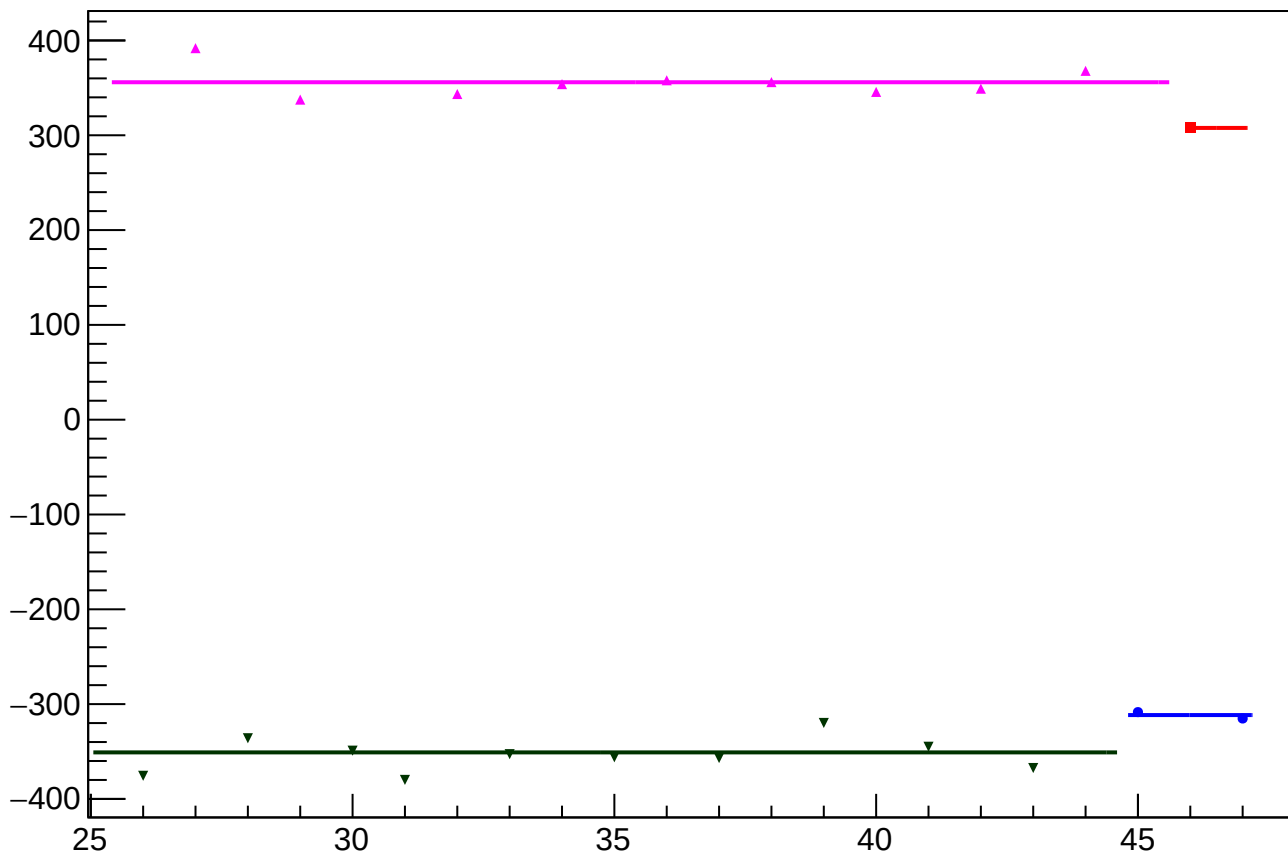
Left Out: 52.148+/-1.081 χ^2/NDF : 398.7/9

6.458+/-0.637 χ^2/NDF : 5176.5/21

Right Out: -38.508+/-2.830 χ^2/NDF : 0.0/0

Left In: -29.954+/-0.913 χ^2/NDF : 779.2/8

reg_asym_atl2_diff_bpm11X_slope vs slug



Right In: -311.554+/-0.371 χ^2/NDF : 81.7/1

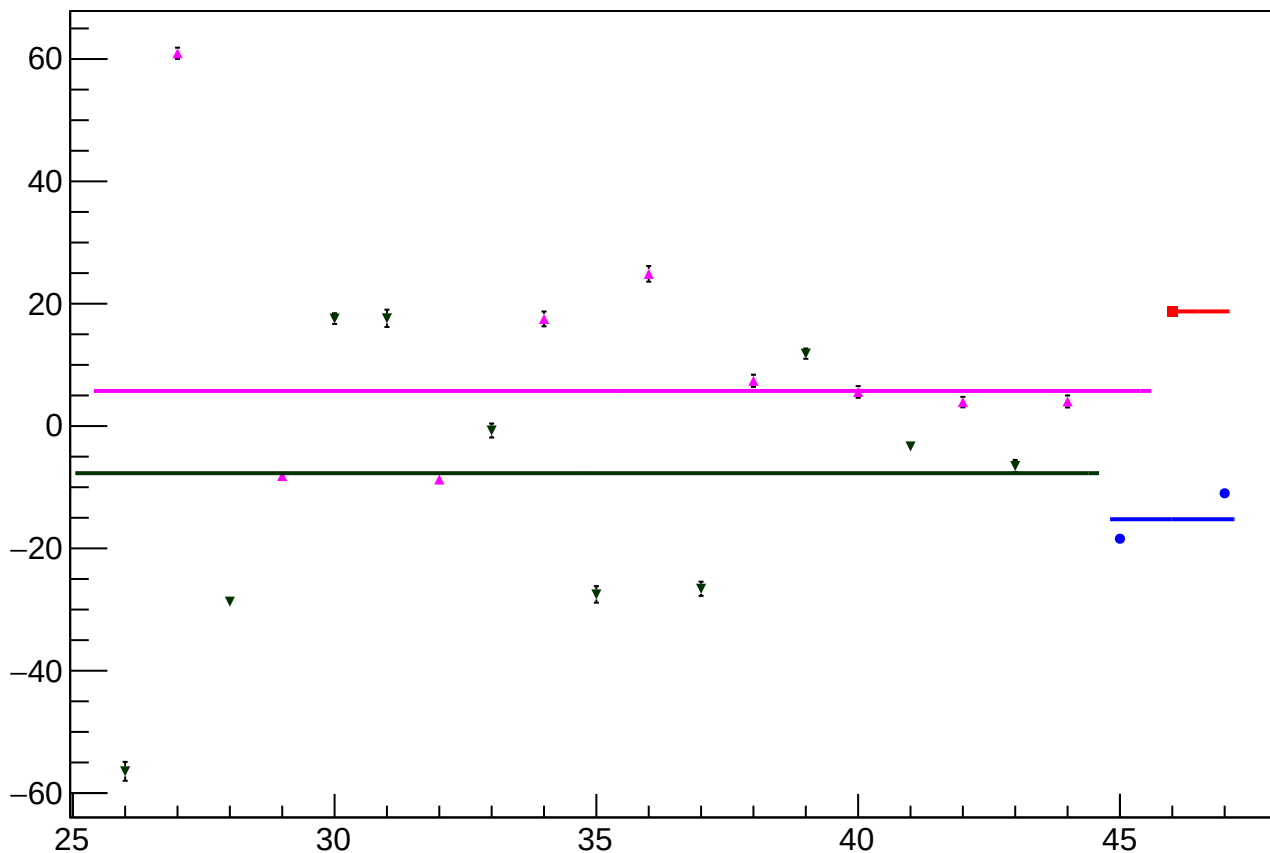
Left Out: -350.928+/-0.200 χ^2/NDF : 6500.1/9

Right Out: 307.748+/-0.558 χ^2/NDF : 0.0/0

Left In: 355.932+/-0.194 χ^2/NDF : 7933.3/8

-9.934+/-0.127 χ^2/NDF : 7473132.3/21

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



Right In: -15.234+/-0.419 χ^2/NDF : 76.9/1

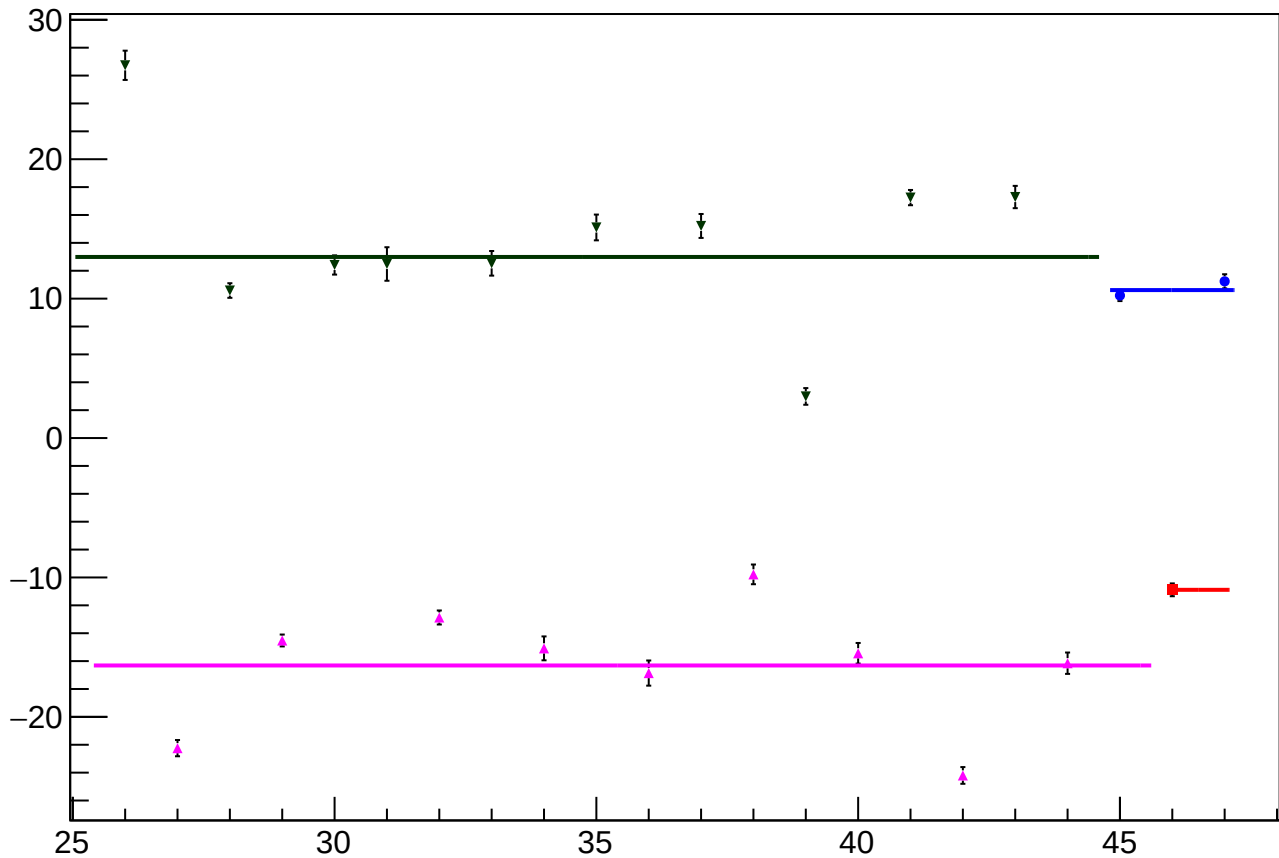
Left Out: -7.705+/-0.310 χ^2/NDF : 4119.2/9

Right Out: 18.737+/-0.628 χ^2/NDF : 0.0/0

Left In: 5.740+/-0.280 χ^2/NDF : 5095.7/8

-1.468+/-0.178 χ^2/NDF : 12473.6/21

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



Right In: 10.613+/-0.314 χ^2/NDF : 2.5/1

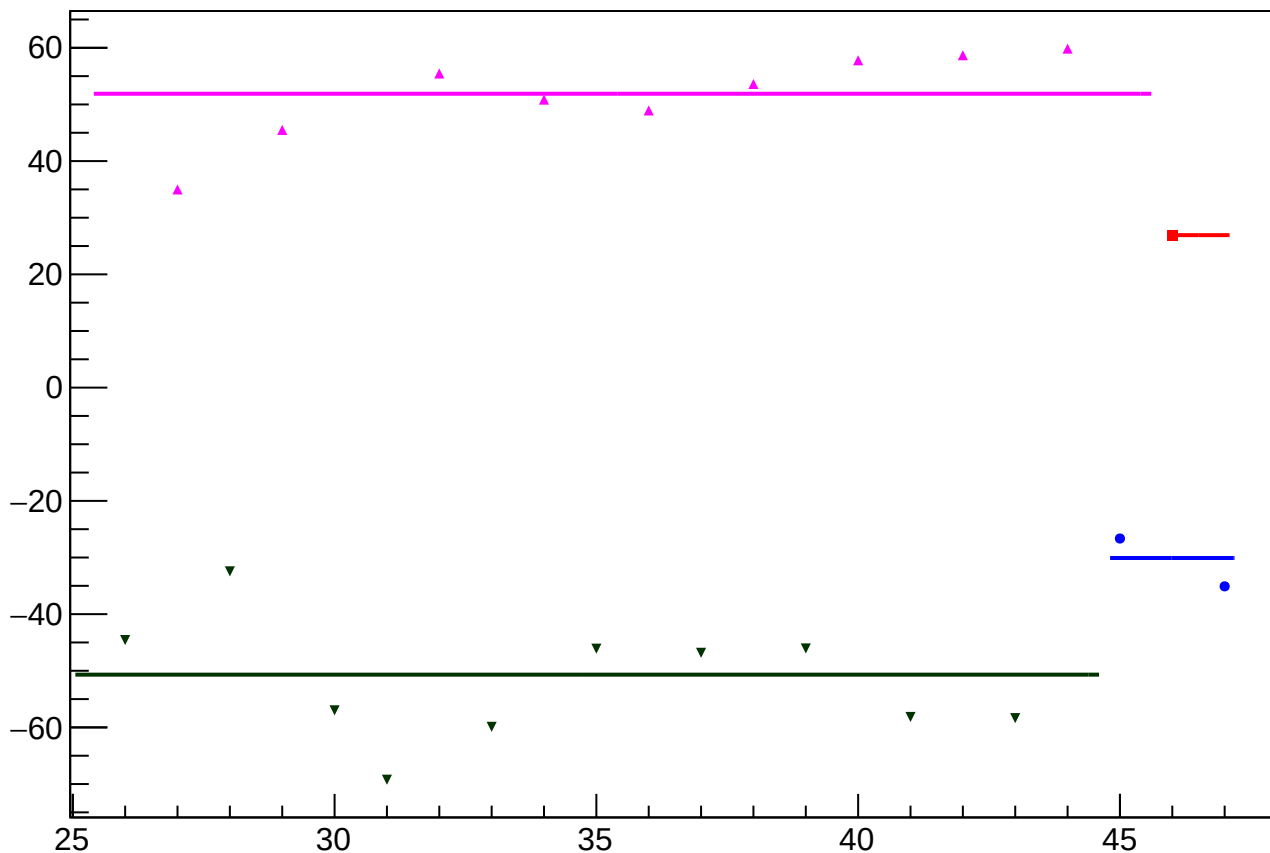
Left Out: 12.989+/-0.230 χ^2/NDF : 575.2/9

-1.386+/-0.132 χ^2/NDF : 11982.4/21

Right Out: -10.887+/-0.460 χ^2/NDF : 0.0/0

Left In: -16.313+/-0.207 χ^2/NDF : 430.4/8

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



Right In: -30.084 ± 0.068 $\chi^2/\text{NDF}: 3675.2/1$

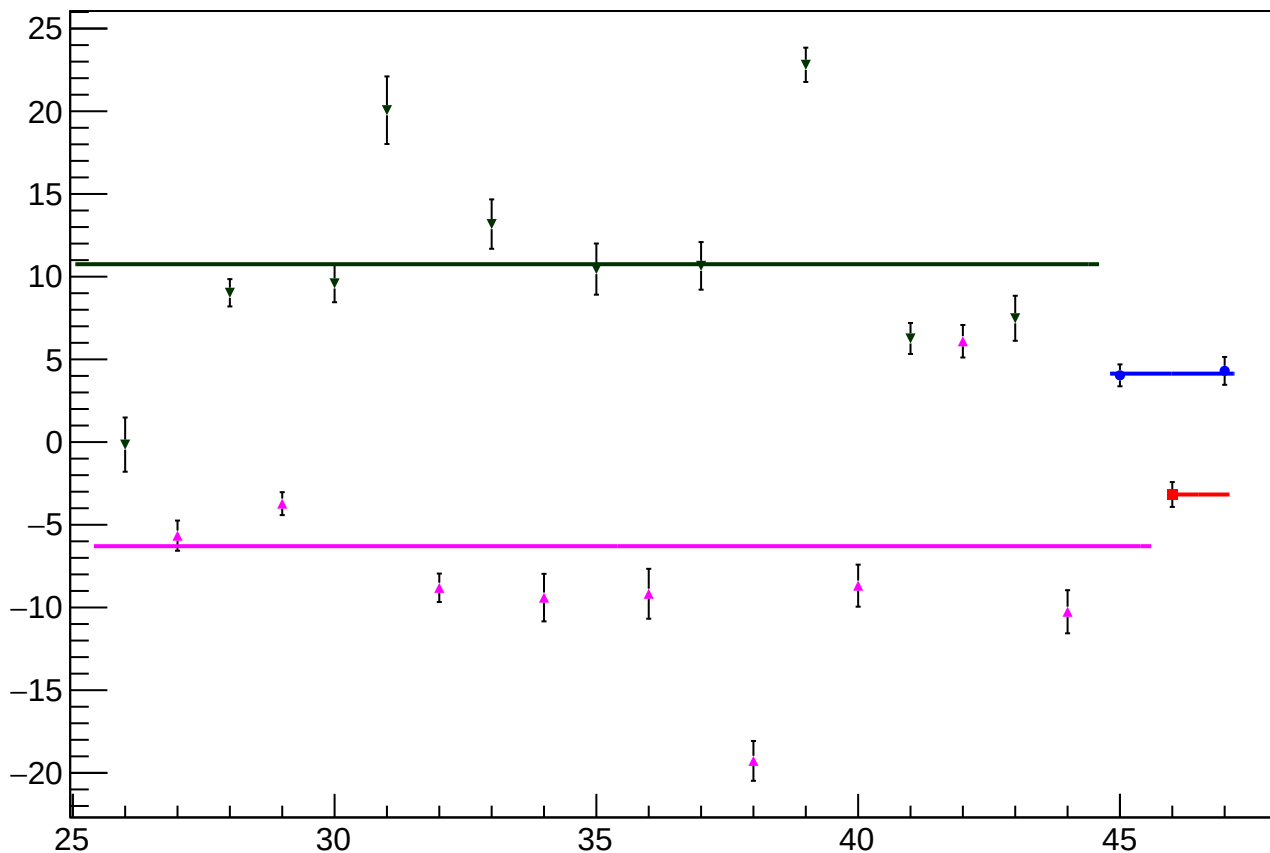
Left Out: -50.683 ± 0.051 $\chi^2/\text{NDF}: 44365.5/9$

Right Out: 26.923 ± 0.094 $\chi^2/\text{NDF}: 0.0/0$

Left In: 51.889 ± 0.048 $\chi^2/\text{NDF}: 21653.9/8$

-0.096 ± 0.030 $\chi^2/\text{NDF}: 2494061.3/21$

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



Right In: 4.138 $\pm$ 0.520 χ^2 /NDF: 0.1/1

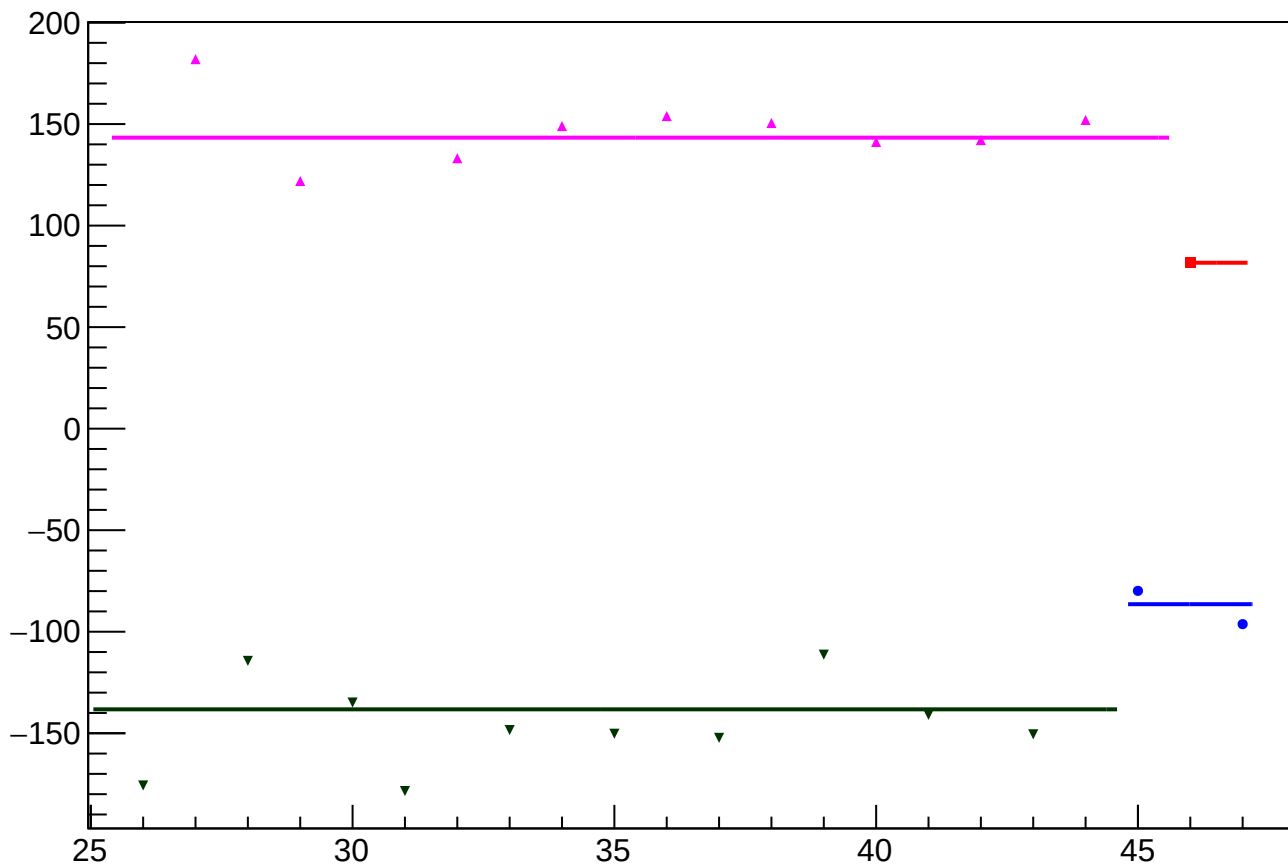
Left Out: 10.754 $\pm$ 0.383 χ^2 /NDF: 236.9/9

1.415 $\pm$ 0.219 χ^2 /NDF: 1719.2/21

Right Out: -3.170 $\pm$ 0.752 χ^2 /NDF: 0.0/0

Left In: -6.293 $\pm$ 0.343 χ^2 /NDF: 319.3/8

reg_asym_atl_avg_diff_bpm11X_slope vs slug



Right In: -86.440±/0.103 χ^2/NDF : 6082.7/1

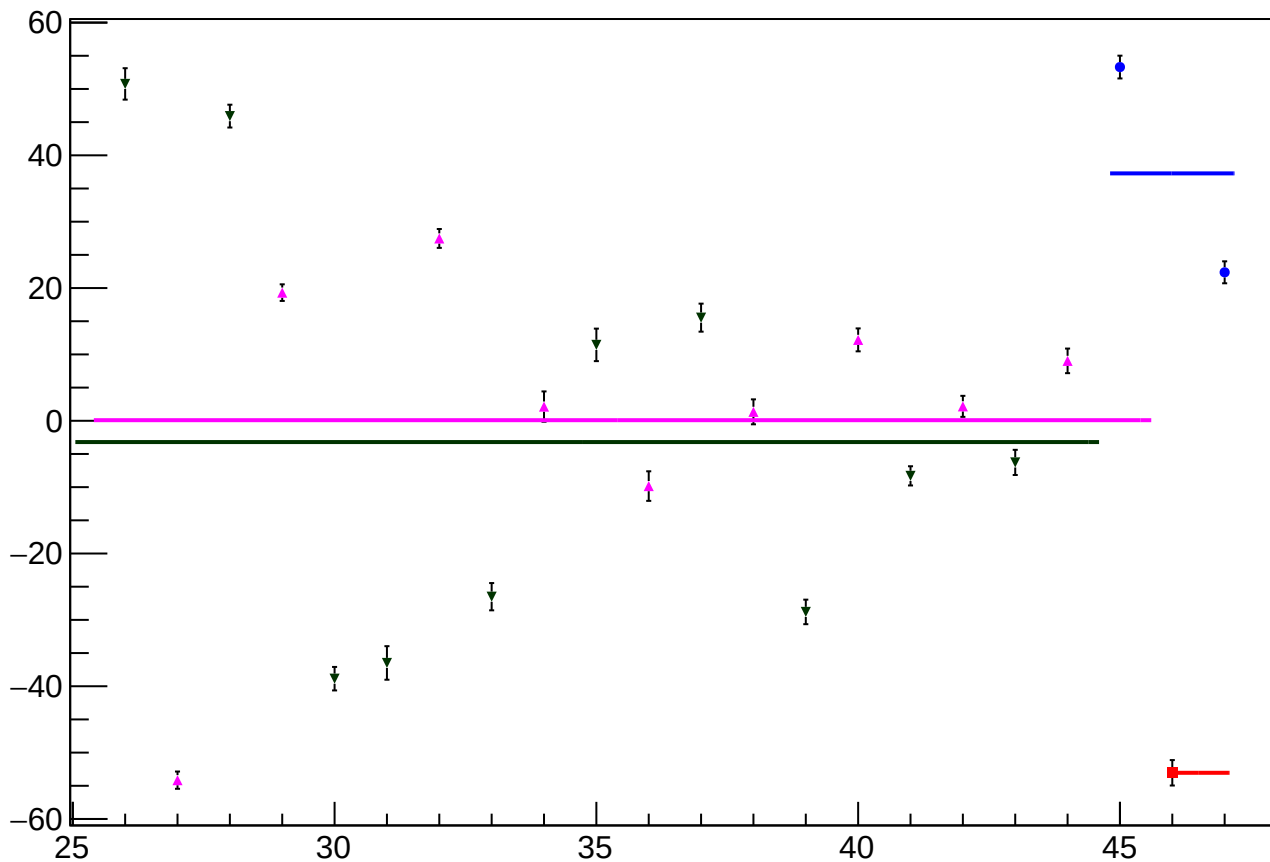
Left Out: -138.220±/0.072 χ^2/NDF : 82286.0/9

Right Out: 81.712±/0.148 χ^2/NDF : 0.0/0

Left In: 143.304±/0.072 χ^2/NDF : 54954.0/8

-7.162±/0.044 χ^2/NDF : 8799211.0/21

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



Right In: 37.279+/-1.192 χ^2/NDF : 168.2/1

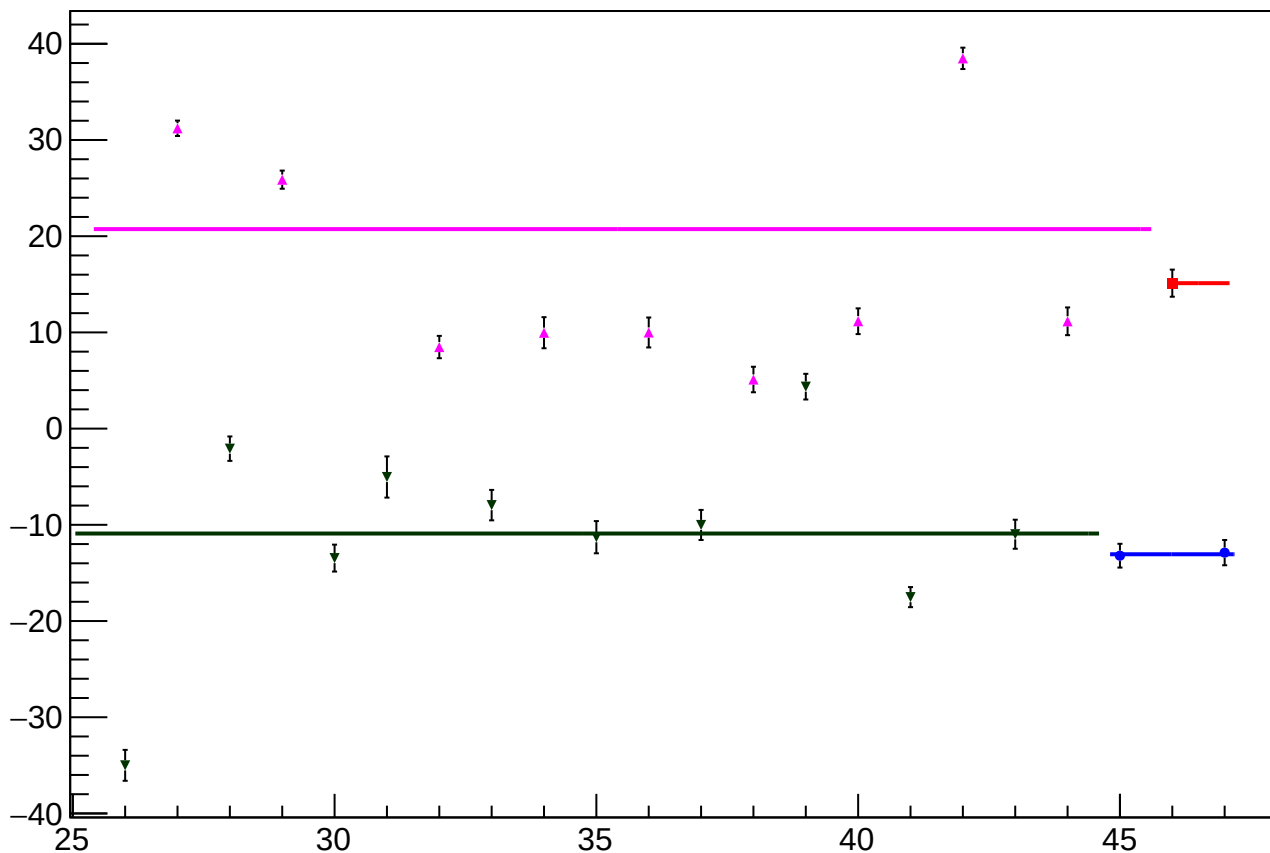
Left Out: -3.205+/-0.612 χ^2/NDF : 2363.4/9

Right Out: -53.042+/-1.916 χ^2/NDF : 0.0/0

Left In: 0.090+/-0.541 χ^2/NDF : 2438.4/8

0.504+/-0.376 χ^2/NDF : 6740.6/21

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



Right In: -13.060±/-0.900 χ^2/NDF : 0.0/1

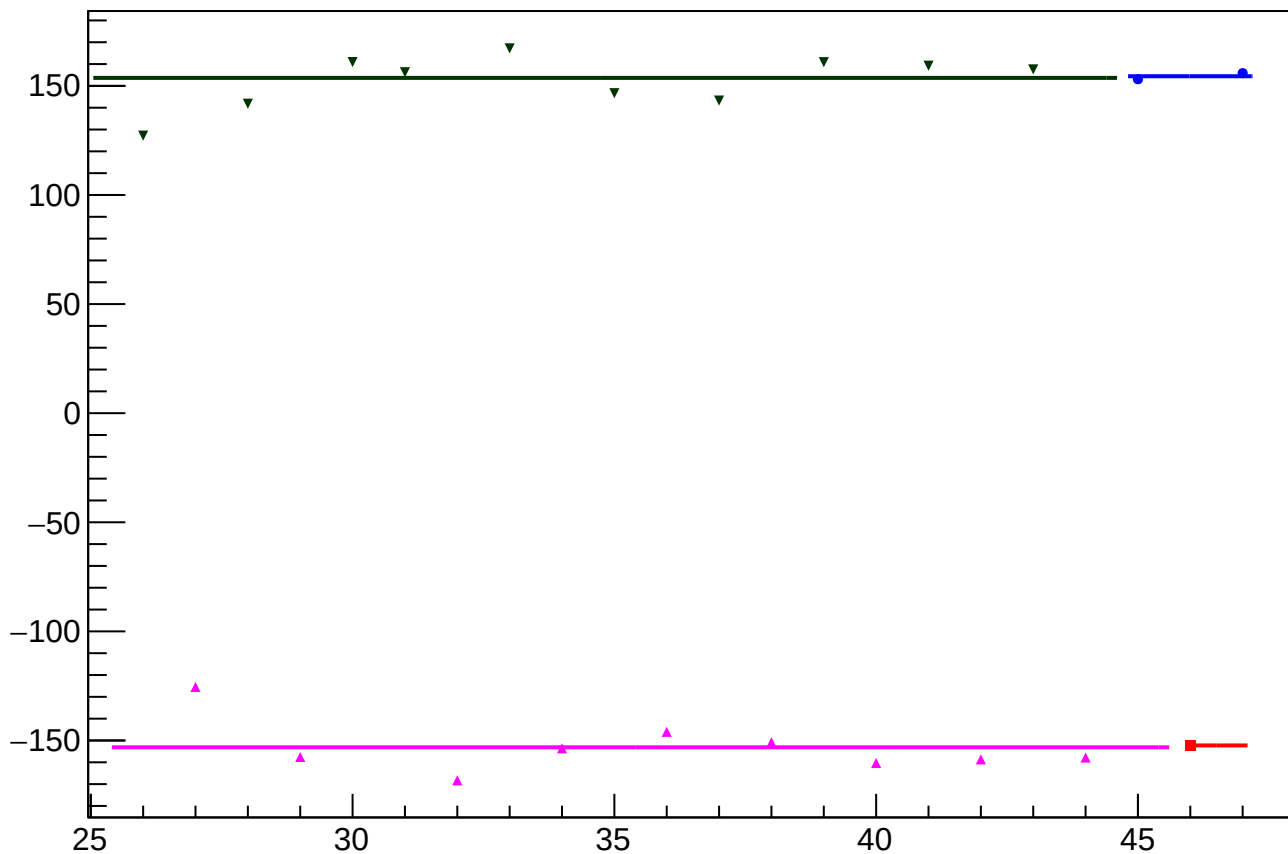
Left Out: -10.905±/-0.455 χ^2/NDF : 459.2/9

Right Out: 15.118±/-1.409 χ^2/NDF : 0.0/0

Left In: 20.737±/-0.388 χ^2/NDF : 894.2/8

5.805±/-0.275 χ^2/NDF : 4664.2/21

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



Right In: 154.417+/-0.195 χ^2/NDF : 51.0/1

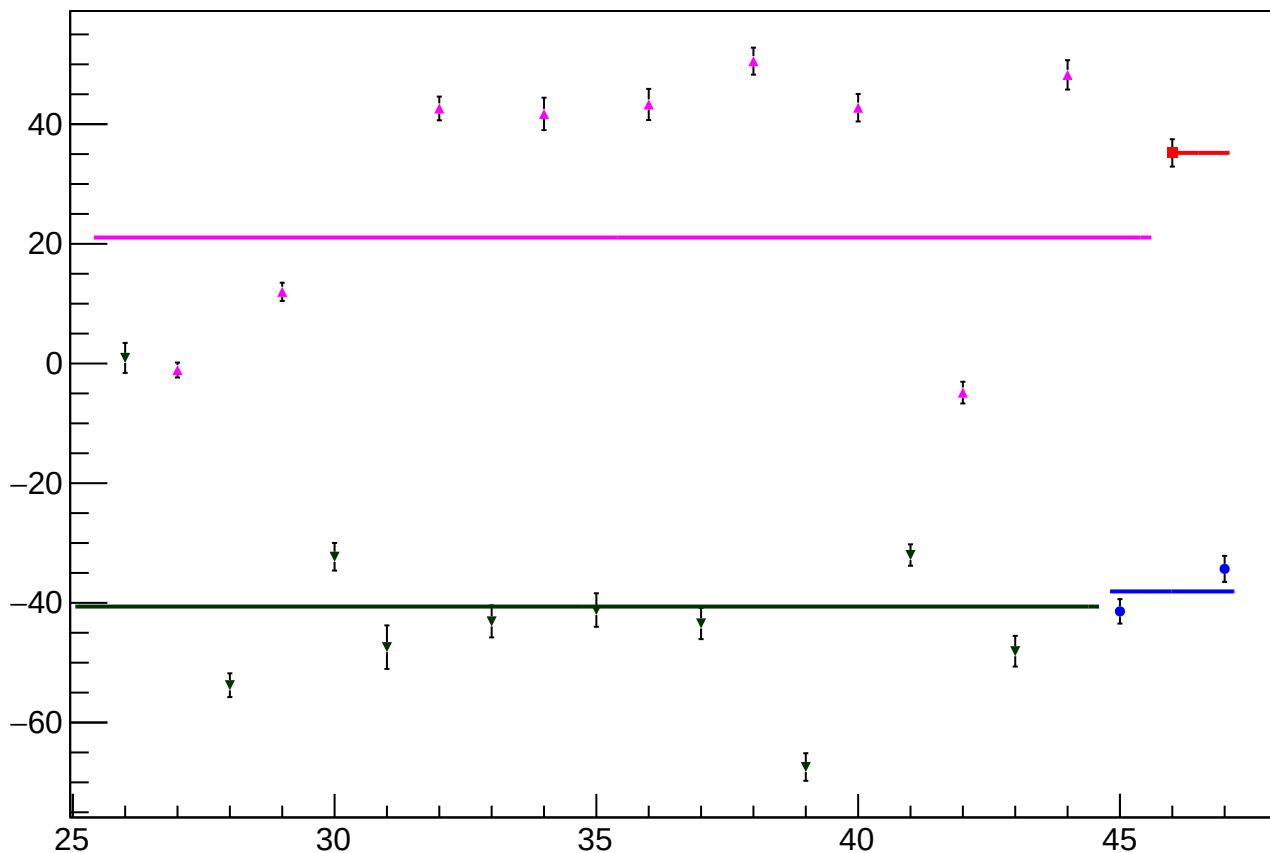
Left Out: 153.667+/-0.101 χ^2/NDF : 11177.1/9

Right Out: -152.280+/-0.288 χ^2/NDF : 0.0/0

Left In: -153.122+/-0.093 χ^2/NDF : 20788.9/8

-1.048+/-0.063 χ^2/NDF : 5956587.1/21

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



Right In: -38.090 $\pm$ 1.490 χ^2/NDF : 5.7/1

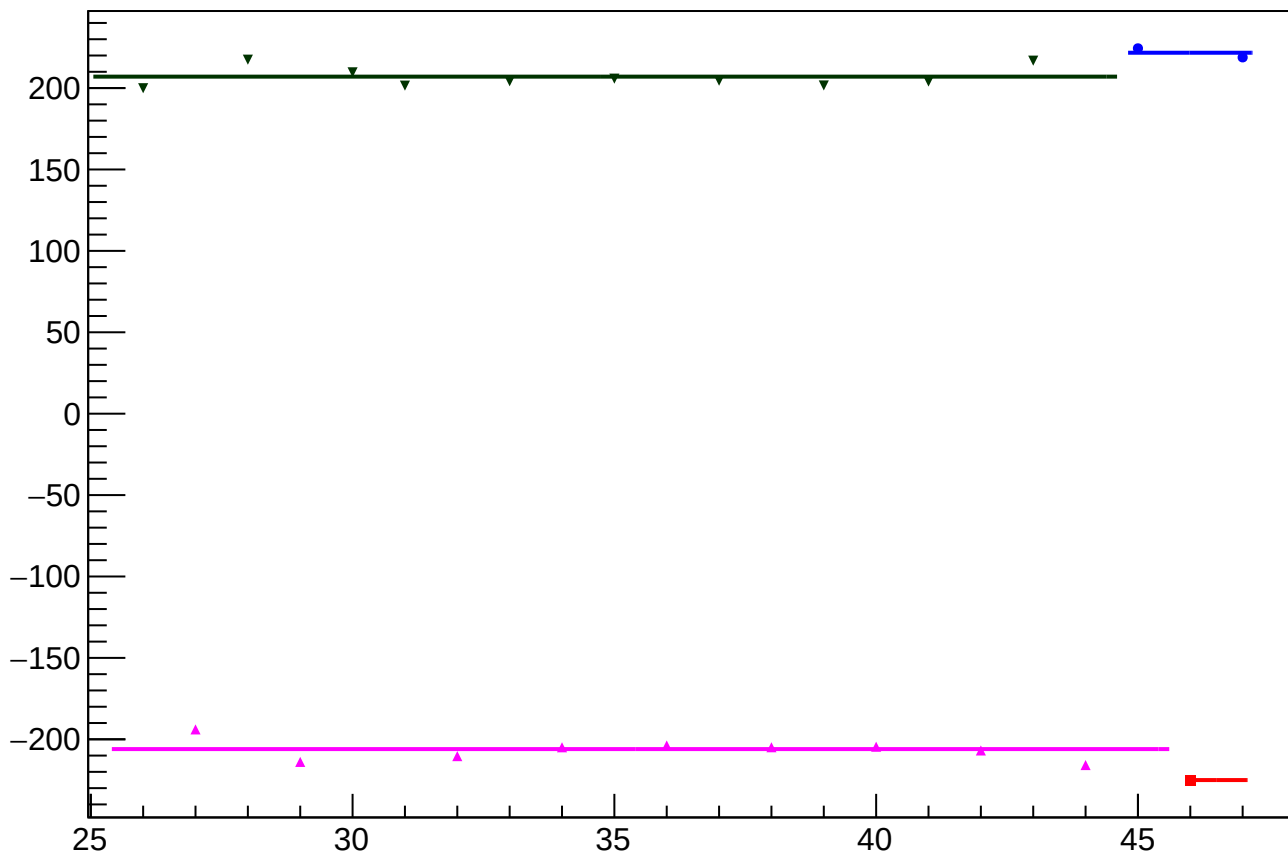
Left Out: -40.620 $\pm$ 0.758 χ^2/NDF : 504.2/9

Right Out: 35.200 $\pm$ 2.289 χ^2/NDF : 0.0/0

Left In: 21.059 $\pm$ 0.637 χ^2/NDF : 1185.8/8

-6.029 $\pm$ 0.454 χ^2/NDF : 6374.7/21

reg_asym_atl_dd_diff_bpm11X_slope vs slug



Right In: 221.706 $\pm$ 0.293 χ^2 /NDF: 89.7/1

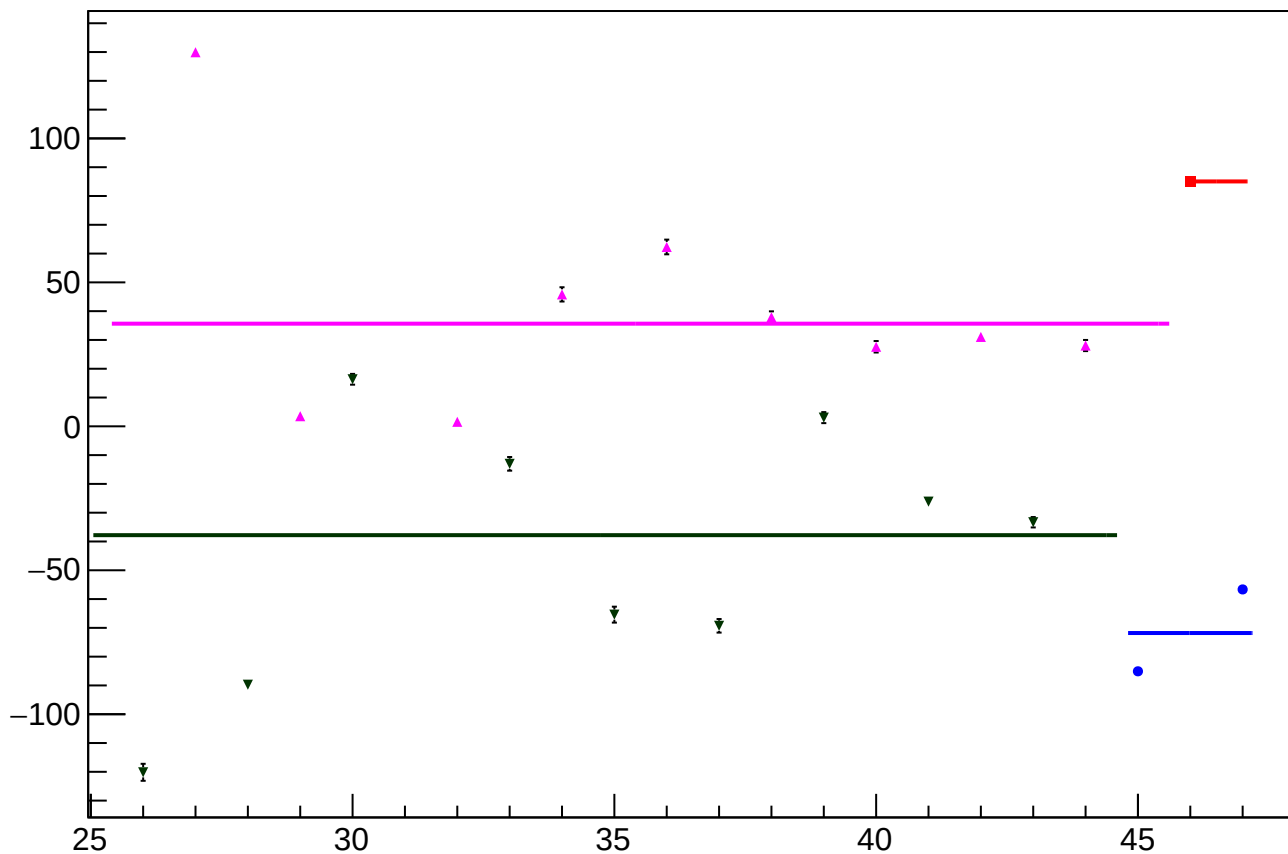
Left Out: 207.026 $\pm$ 0.139 χ^2 /NDF: 1900.0/9

Right Out: -225.041 $\pm$ 0.451 χ^2 /NDF: 0.0/0

Left In: -206.013 $\pm$ 0.136 χ^2 /NDF: 2446.5/8

9.094 $\pm$ 0.091 χ^2 /NDF: 5311437.1/21

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



Right In: -71.795+/-1.061 χ^2/NDF : 178.8/1

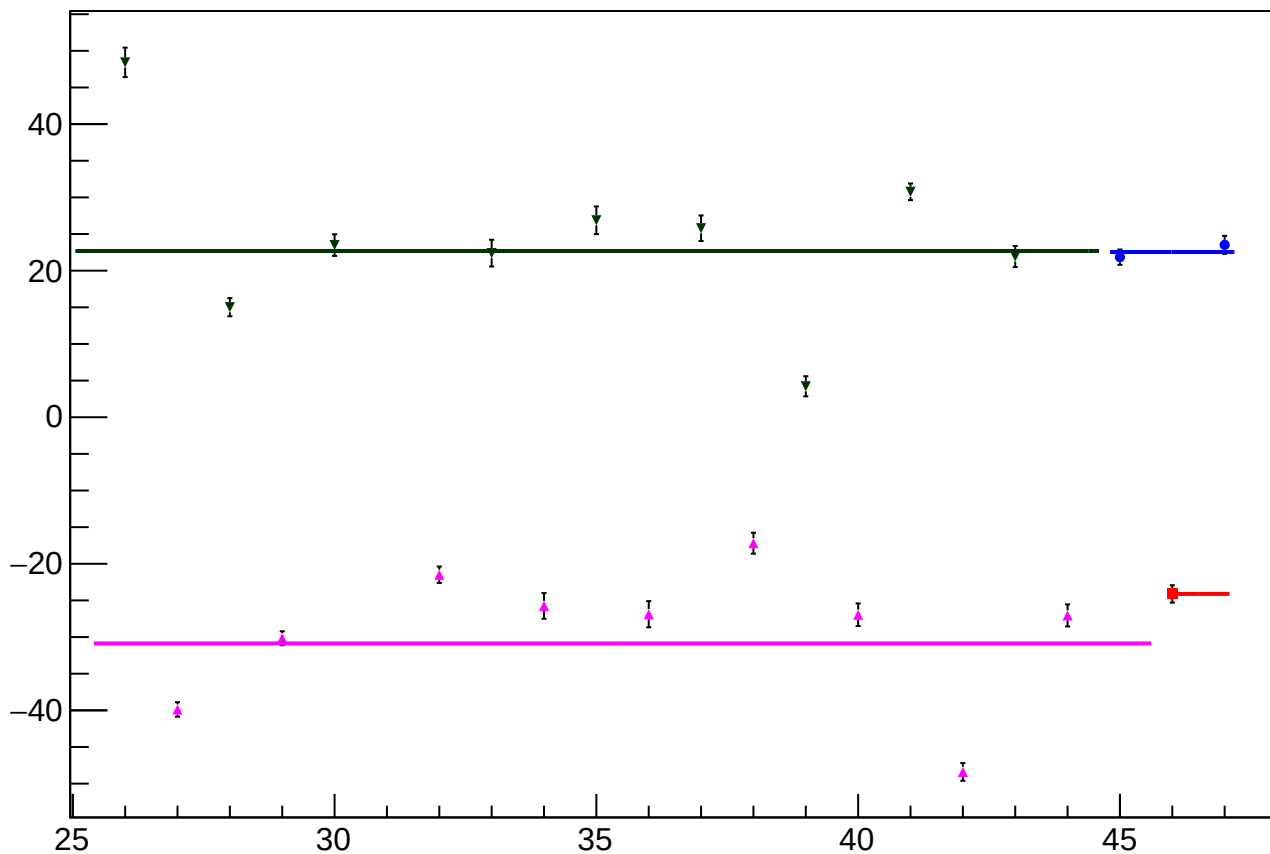
Left Out: -37.802+/-0.670 χ^2/NDF : 3472.1/8

-1.524+/-0.393 χ^2/NDF : 22875.8/20

Right Out: 85.058+/-1.622 χ^2/NDF : 0.0/0

Left In: 35.653+/-0.581 χ^2/NDF : 4958.4/8

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



Right In: 22.548 ± 0.797 χ^2/NDF : 1.1/1

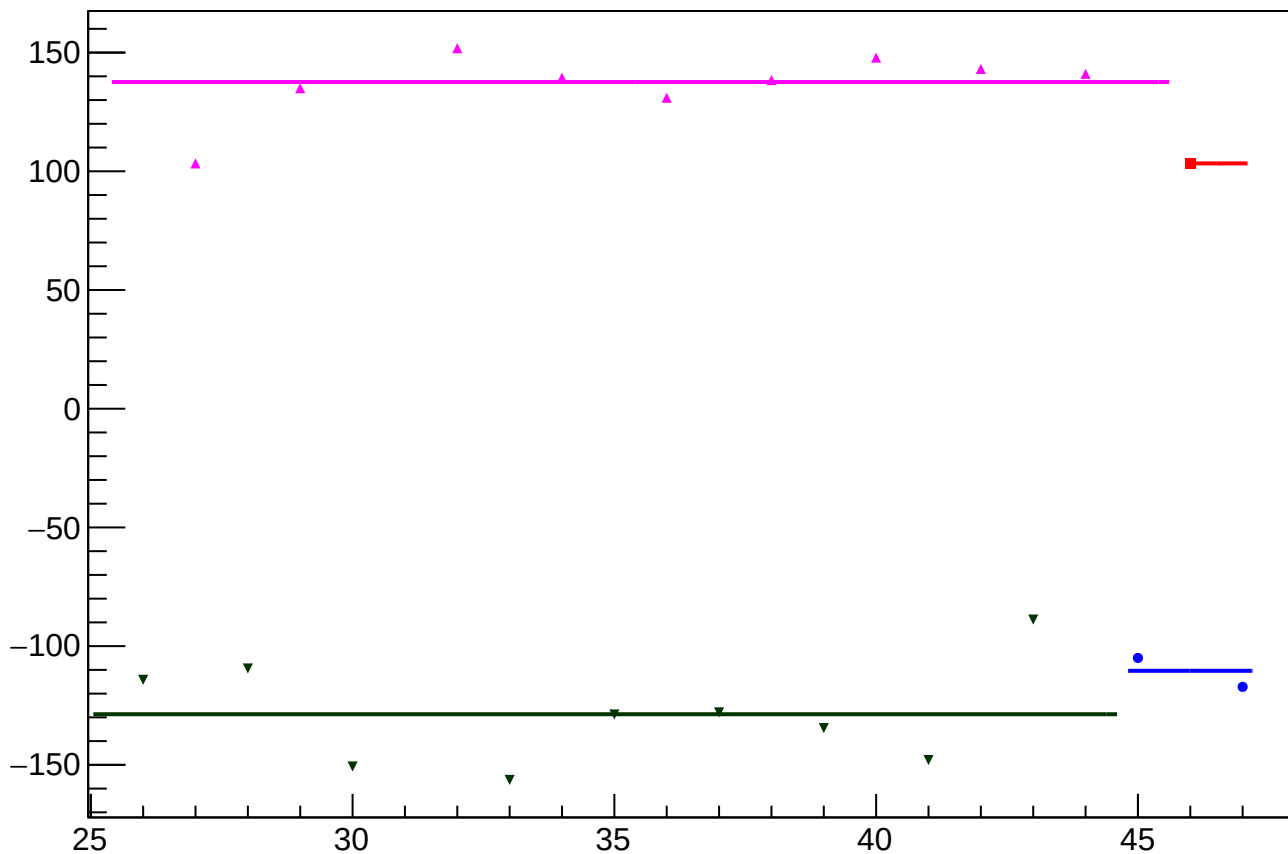
Left Out: 22.684 ± 0.496 χ^2/NDF : 443.3/8

Right Out: -24.113 ± 1.190 χ^2/NDF : 0.0/0

Left In: -30.869 ± 0.424 χ^2/NDF : 480.3/8

-5.163 ± 0.290 χ^2/NDF : 9215.1/20

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



Right In: -110.386+/-0.173 χ^2/NDF : 1221.8/1

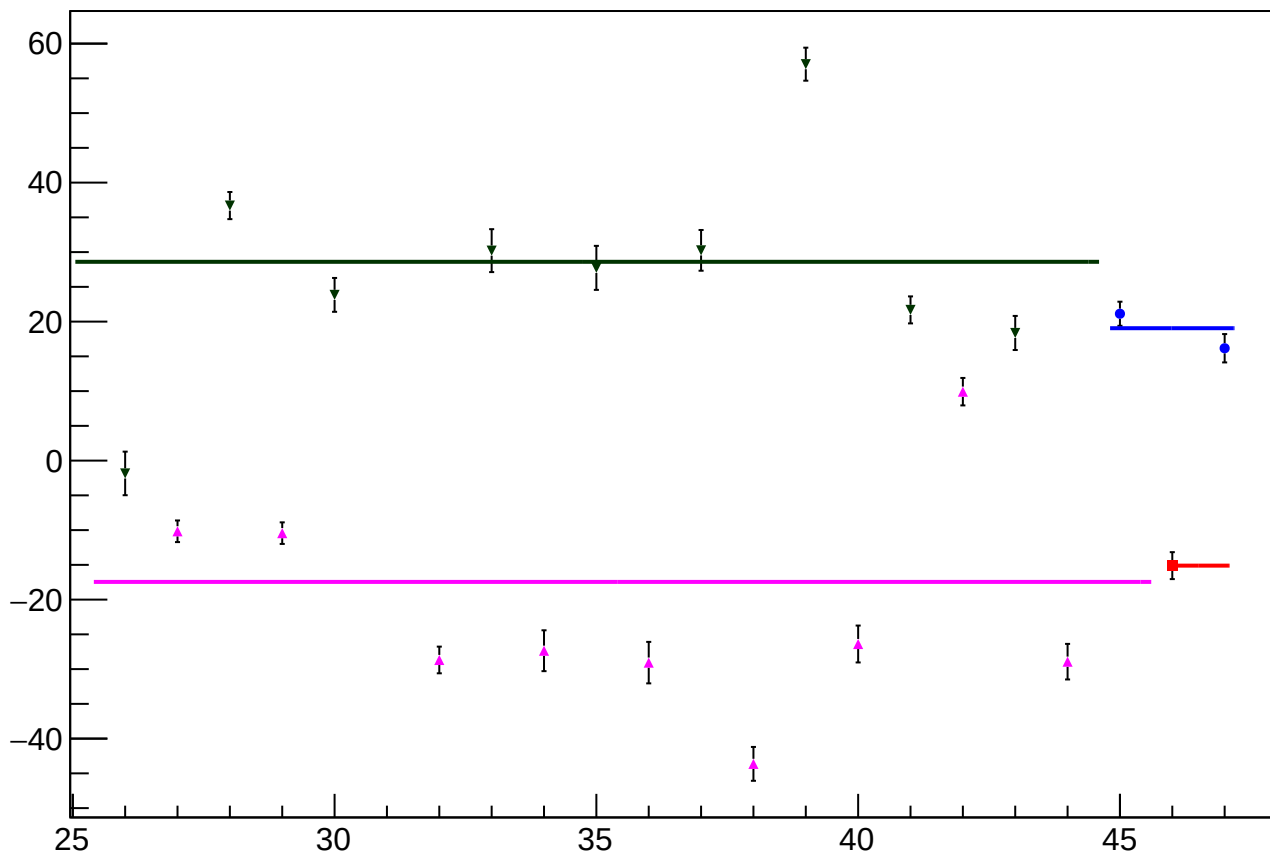
Left Out: -128.683+/-0.112 χ^2/NDF : 38450.4/8

Right Out: 103.320+/-0.244 χ^2/NDF : 0.0/0

Left In: 137.605+/-0.100 χ^2/NDF : 21119.1/8

7.451+/-0.066 χ^2/NDF : 3854405.5/20

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



Right In: 19.051+/-1.320 χ^2/NDF : 3.4/1

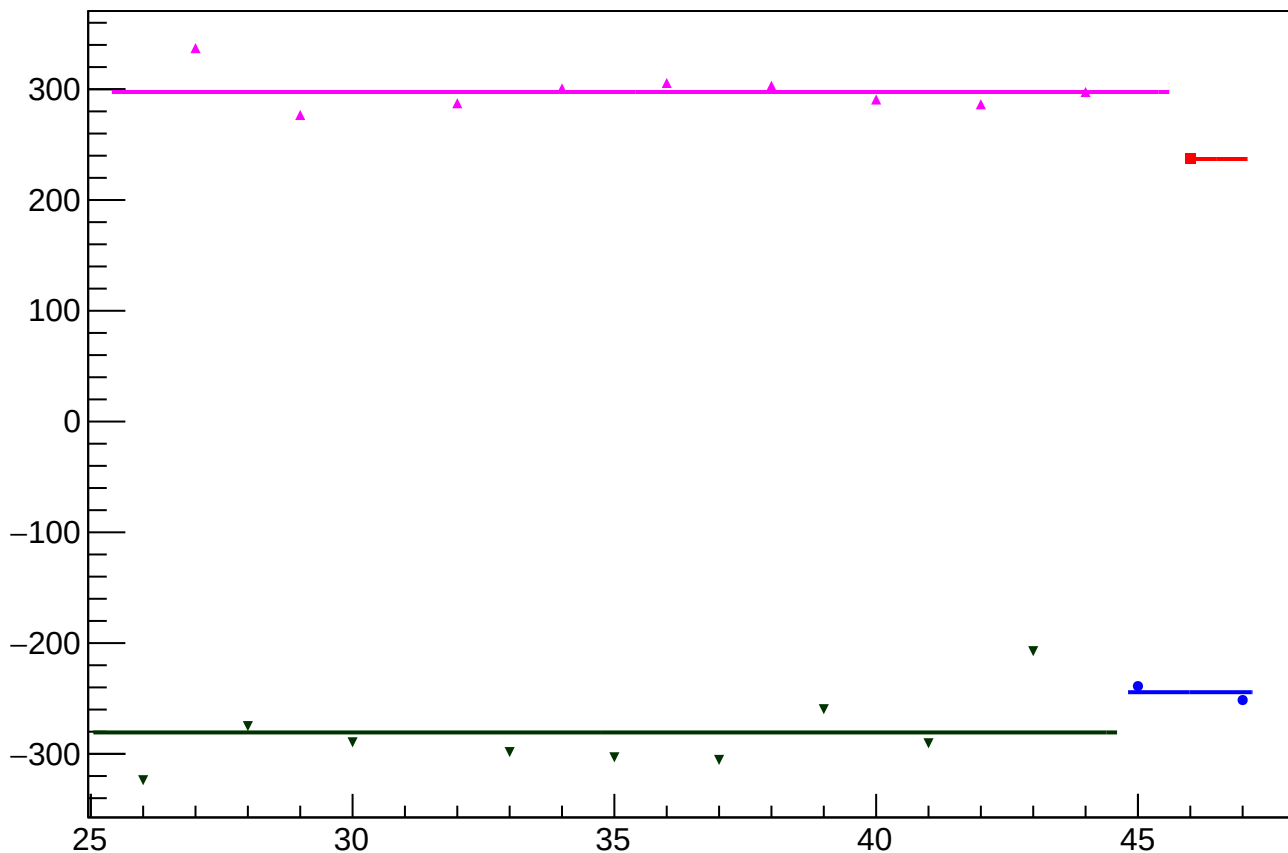
Left Out: 28.605+/-0.827 χ^2/NDF : 289.4/8

Right Out: -15.111+/-1.938 χ^2/NDF : 0.0/0

Left In: -17.453+/-0.699 χ^2/NDF : 441.8/8

2.992+/-0.480 χ^2/NDF : 2784.3/20

reg_asym_atr_avg_diff_bpm11X_slope vs slug



Right In: -244.336 ± 0.261 $\chi^2/\text{NDF}: 573.4/1$

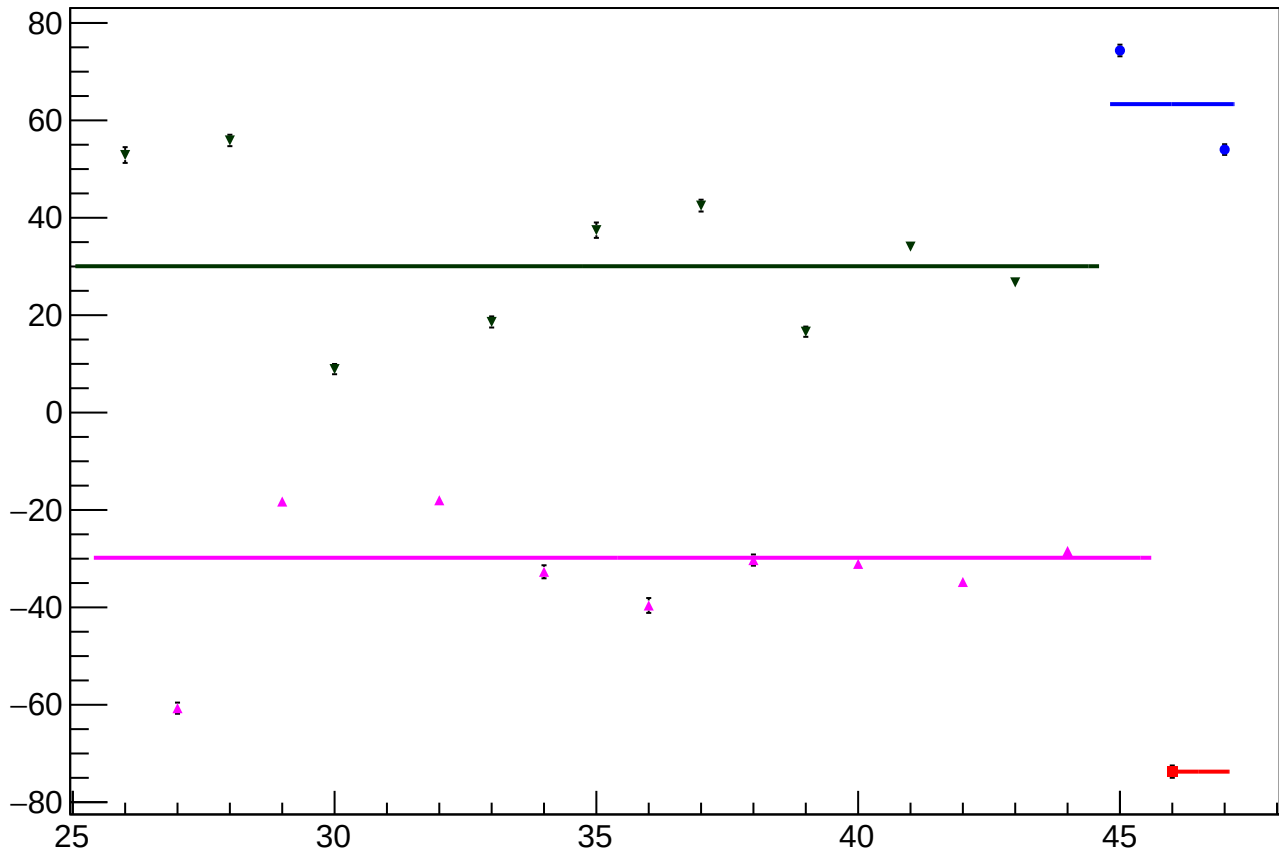
Left Out: -280.656 ± 0.153 $\chi^2/\text{NDF}: 43963.5/8$

Right Out: 237.030 ± 0.382 $\chi^2/\text{NDF}: 0.0/0$

Left In: 297.504 ± 0.148 $\chi^2/\text{NDF}: 15085.1/8$

-3.677 ± 0.096 $\chi^2/\text{NDF}: 8692320.5/20$

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



Right In: 63.336+/-0.808 χ^2/NDF : 157.5/1

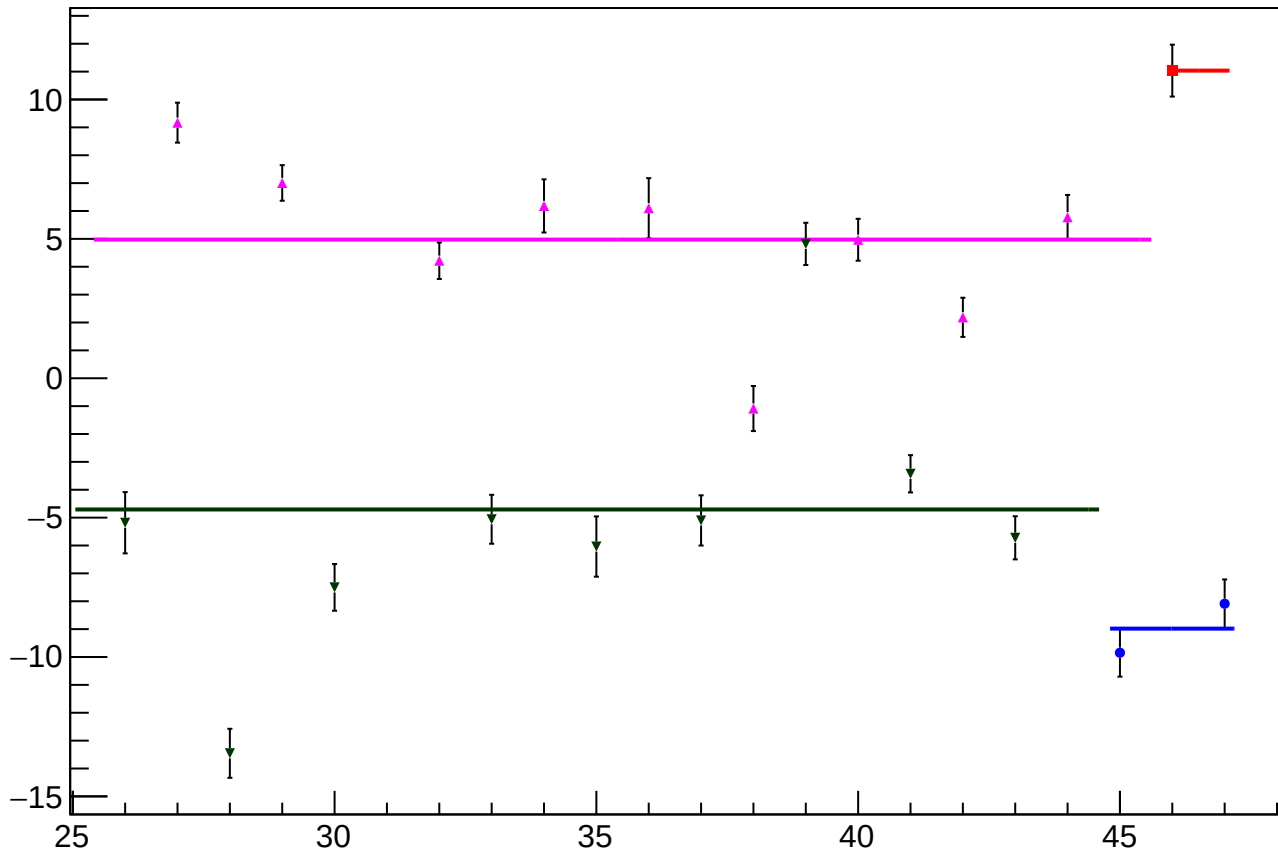
Left Out: 30.050+/-0.378 χ^2/NDF : 1510.2/8

0.464+/-0.238 χ^2/NDF : 26271.7/20

Right Out: -73.727+/-1.264 χ^2/NDF : 0.0/0

Left In: -29.811+/-0.343 χ^2/NDF : 1208.1/8

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



Right In: -8.982 ± 0.612 χ^2/NDF : 2.1/1

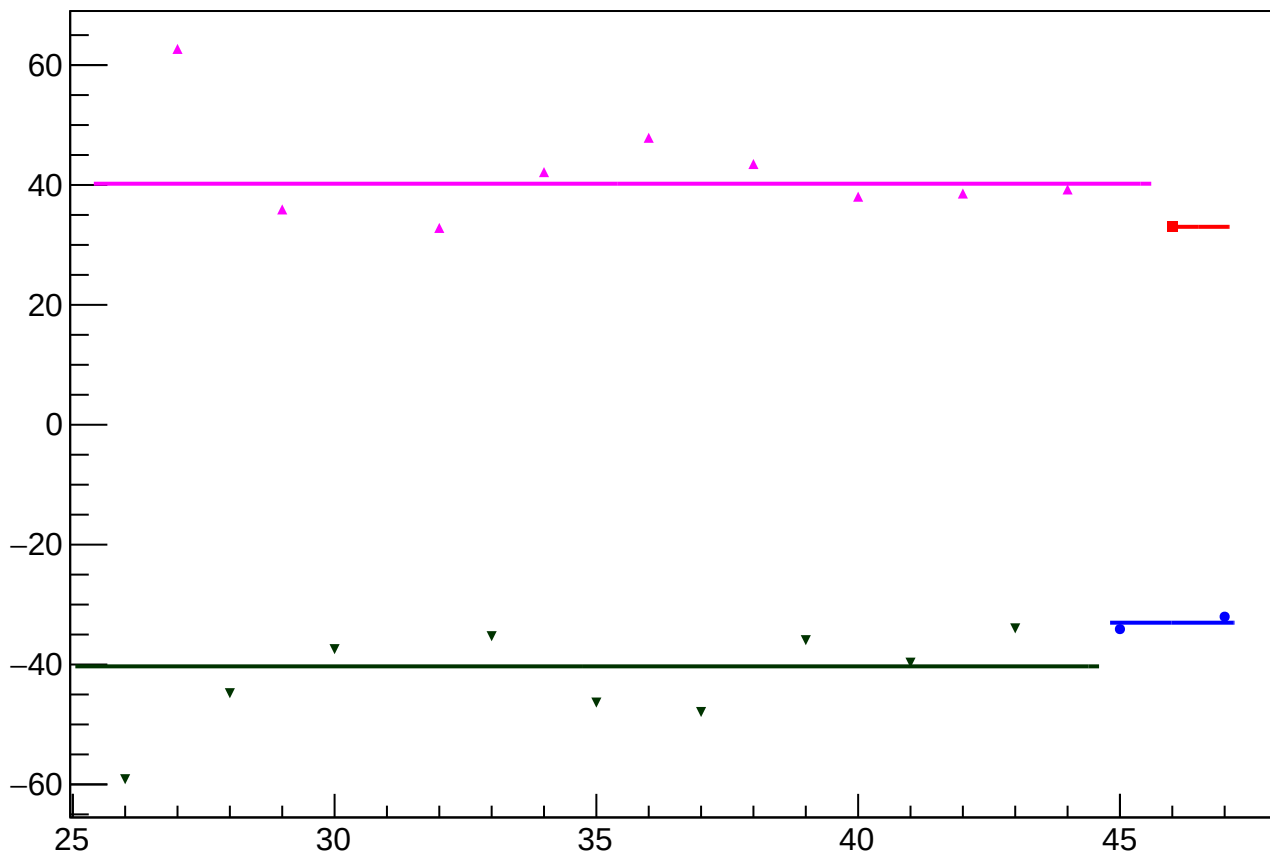
Left Out: -4.708 ± 0.282 χ^2/NDF : 275.7/8

Right Out: 11.036 ± 0.931 χ^2/NDF : 0.0/0

Left In: 4.974 ± 0.253 χ^2/NDF : 121.4/8

0.220 ± 0.177 χ^2/NDF : 1418.2/20

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



Right In: -33.023+/-0.132 χ^2/NDF : 61.5/1

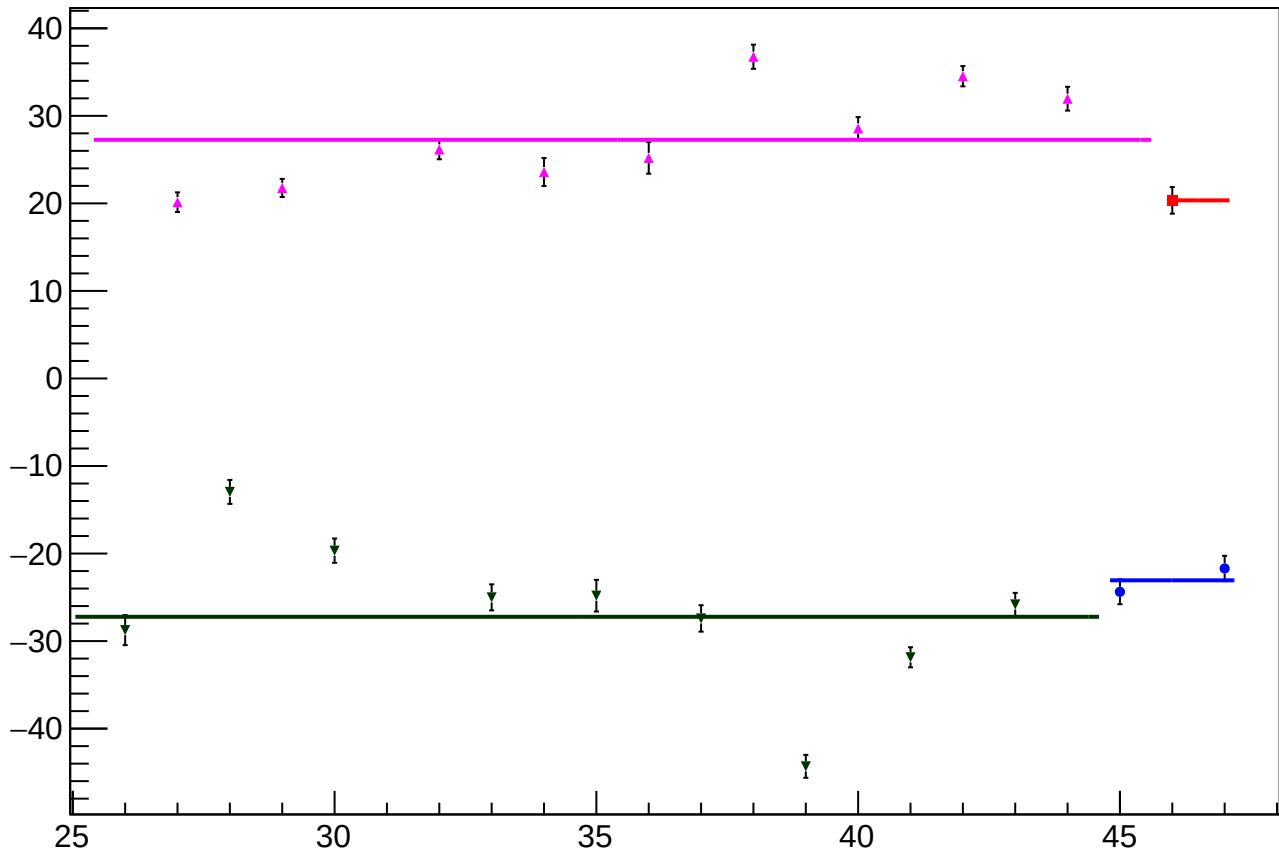
Left Out: -40.306+/-0.063 χ^2/NDF : 10954.8/8

Right Out: 33.019+/-0.189 χ^2/NDF : 0.0/0

Left In: 40.209+/-0.058 χ^2/NDF : 18072.5/8

0.904+/-0.040 χ^2/NDF : 1006366.0/20

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



Right In: -23.060 ± 1.013 $\chi^2/\text{NDF}: 1.7/1$

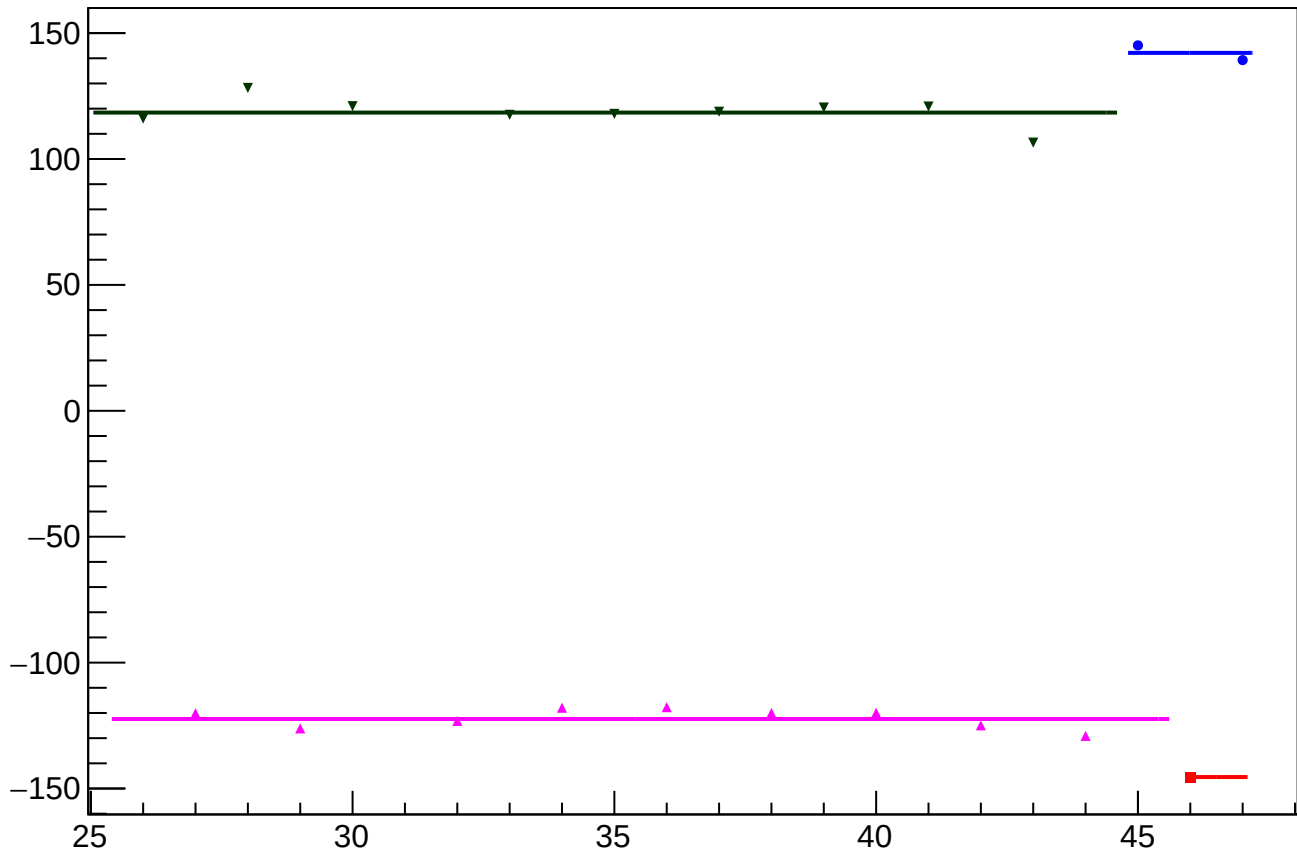
Left Out: -27.224 ± 0.471 $\chi^2/\text{NDF}: 330.4/8$

Right Out: 20.344 ± 1.522 $\chi^2/\text{NDF}: 0.0/0$

Left In: 27.262 ± 0.421 $\chi^2/\text{NDF}: 175.8/8$

1.490 ± 0.294 $\chi^2/\text{NDF}: 8705.8/20$

reg_asym_atr_dd_diff_bpm11X_slope vs slug



Right In: 142.143 $\pm$ 0.199 χ^2 /NDF: 215.1/1

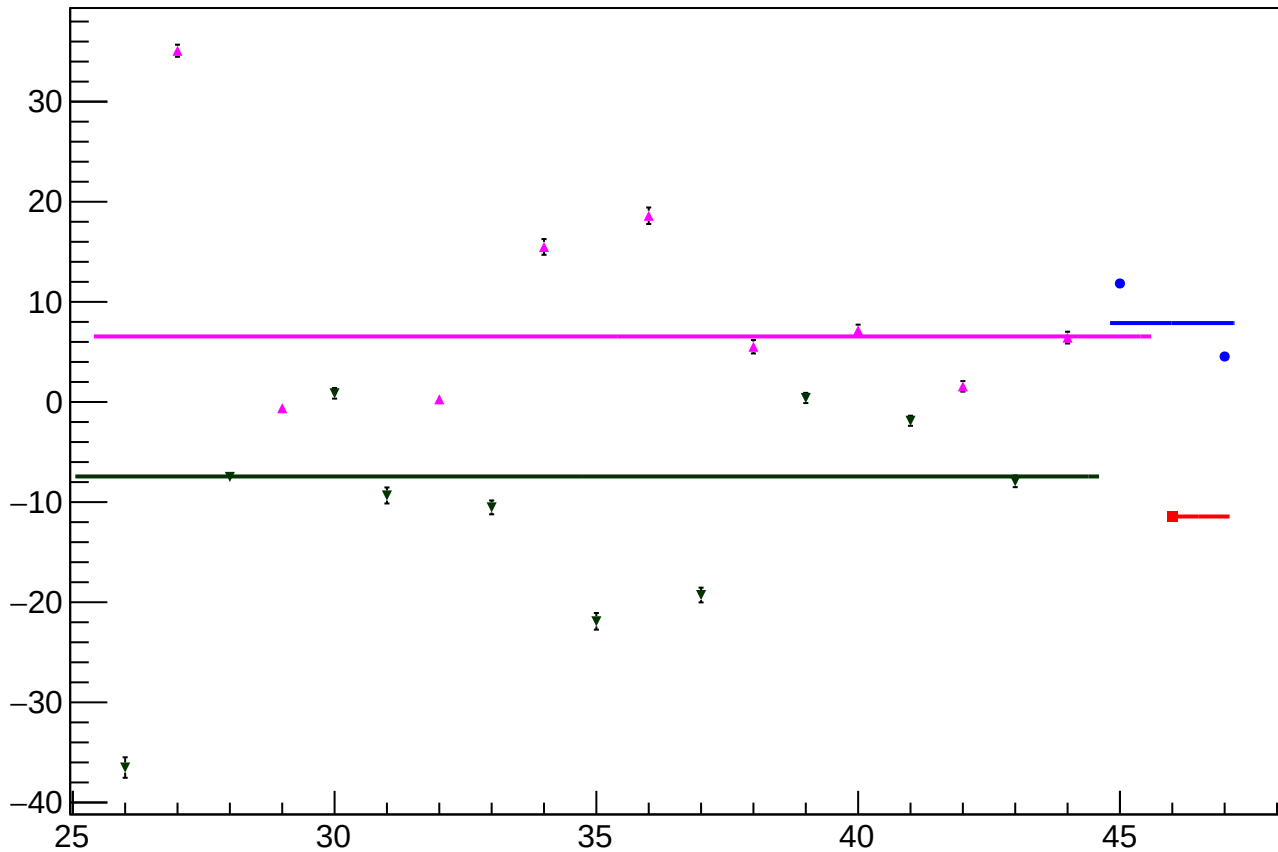
Left Out: 118.438 $\pm$ 0.086 χ^2 /NDF: 4307.2/8

6.219 $\pm$ 0.057 χ^2 /NDF: 4633501.4/20

Right Out: -145.443 $\pm$ 0.299 χ^2 /NDF: 0.0/0

Left In: -122.391 $\pm$ 0.087 χ^2 /NDF: 1758.1/8

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



Right In: 7.885+/-0.306 χ^2/NDF : 141.1/1

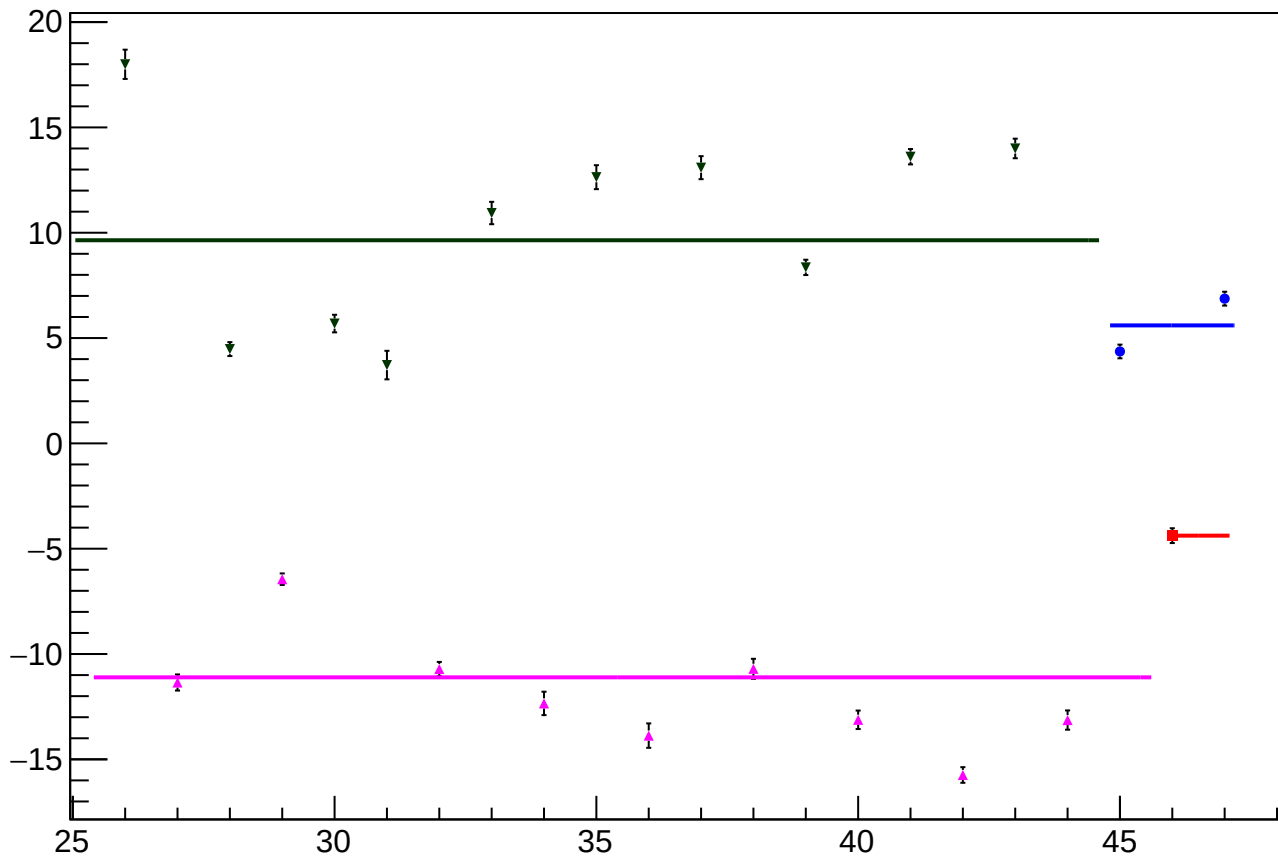
Left Out: -7.437+/-0.192 χ^2/NDF : 1995.0/9

Right Out: -11.437+/-0.479 χ^2/NDF : 0.0/0

Left In: 6.550+/-0.179 χ^2/NDF : 3282.1/8

0.489+/-0.117 χ^2/NDF : 9475.5/21

reg_asym_at1_avg_diff_bpm4aY_slope vs slug



Right In: 5.601 $\pm$ 0.231 χ^2/NDF : 29.3/1

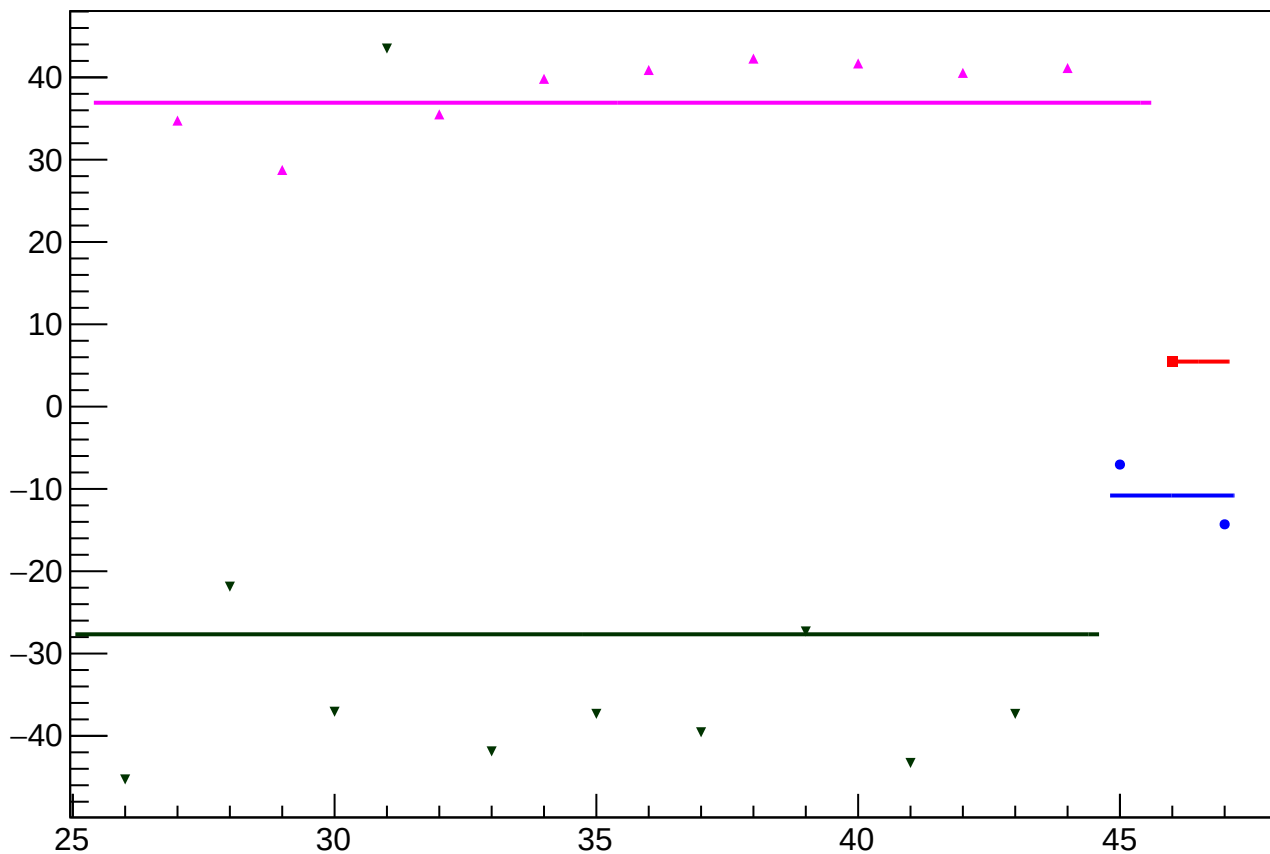
Left Out: 9.643 $\pm$ 0.143 χ^2/NDF : 847.5/9

-0.696 $\pm$ 0.087 χ^2/NDF : 13638.3/21

Right Out: -4.380 $\pm$ 0.352 χ^2/NDF : 0.0/0

Left In: -11.107 $\pm$ 0.133 χ^2/NDF : 517.7/8

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



Right In: -10.800 ± 0.050 $\chi^2/\text{NDF}: 5255.6/1$

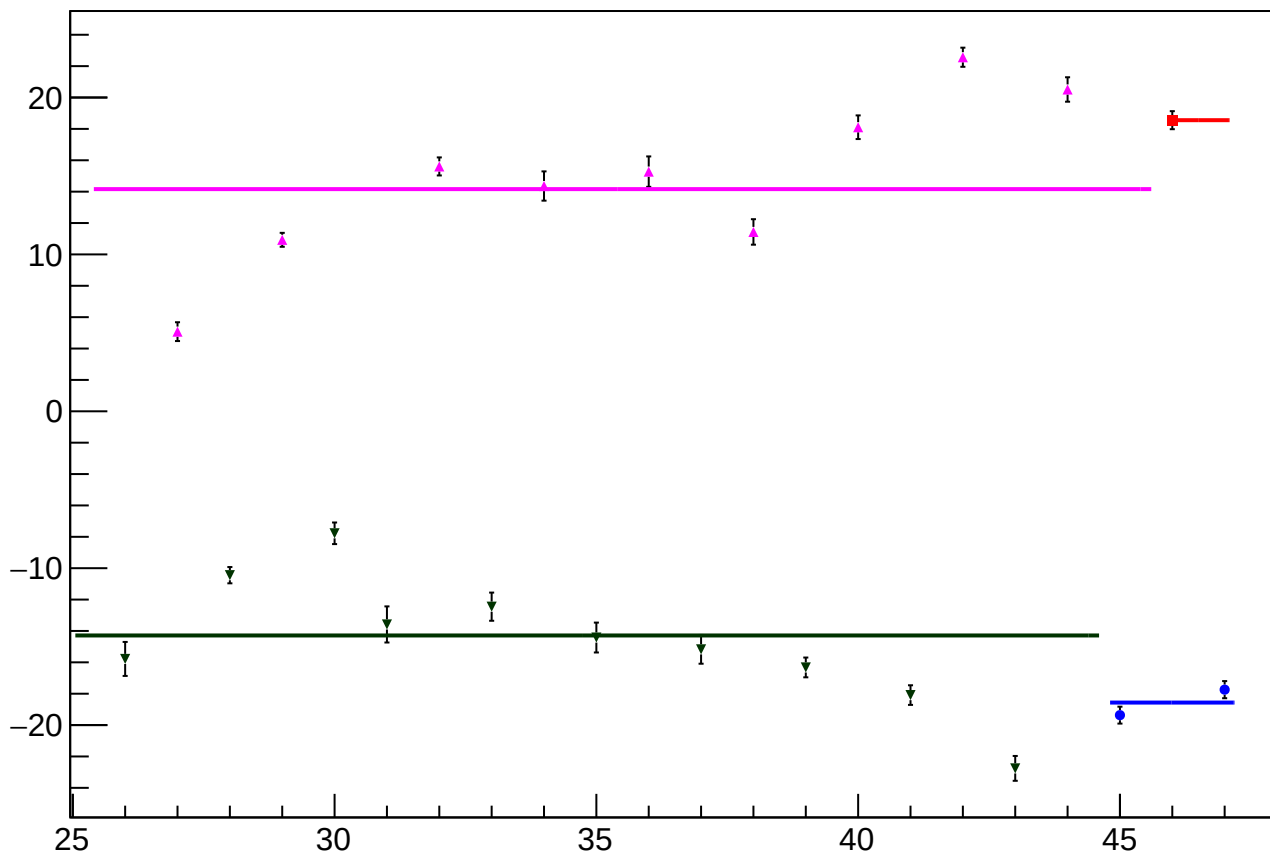
Left Out: -27.661 ± 0.032 $\chi^2/\text{NDF}: 544702.9/9$

3.065 ± 0.019 $\chi^2/\text{NDF}: 2793128.0/21$

Right Out: 5.471 ± 0.072 $\chi^2/\text{NDF}: 0.0/0$

Left In: 36.920 ± 0.031 $\chi^2/\text{NDF}: 23590.7/8$

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



Right In: -18.565 ± 0.383 $\chi^2/\text{NDF}: 4.5/1$

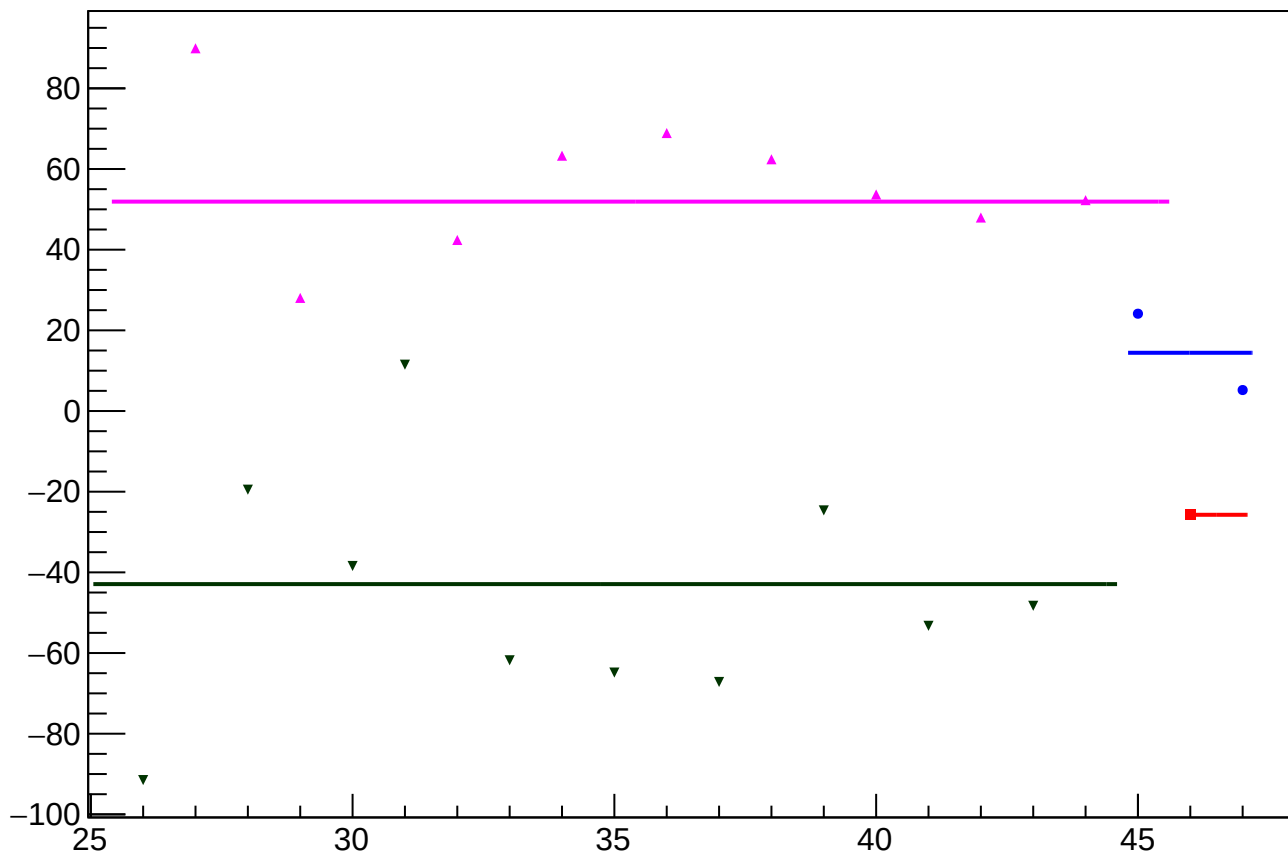
Left Out: -14.288 ± 0.238 $\chi^2/\text{NDF}: 313.7/9$

Right Out: 18.555 ± 0.575 $\chi^2/\text{NDF}: 0.0/0$

Left In: 14.162 ± 0.220 $\chi^2/\text{NDF}: 585.9/8$

-0.597 ± 0.144 $\chi^2/\text{NDF}: 12029.7/21$

reg_asym_at1_avg_diff_bpm11X_slope vs slug



Right In: 14.439+/-0.075 χ^2/NDF : 15743.1/1

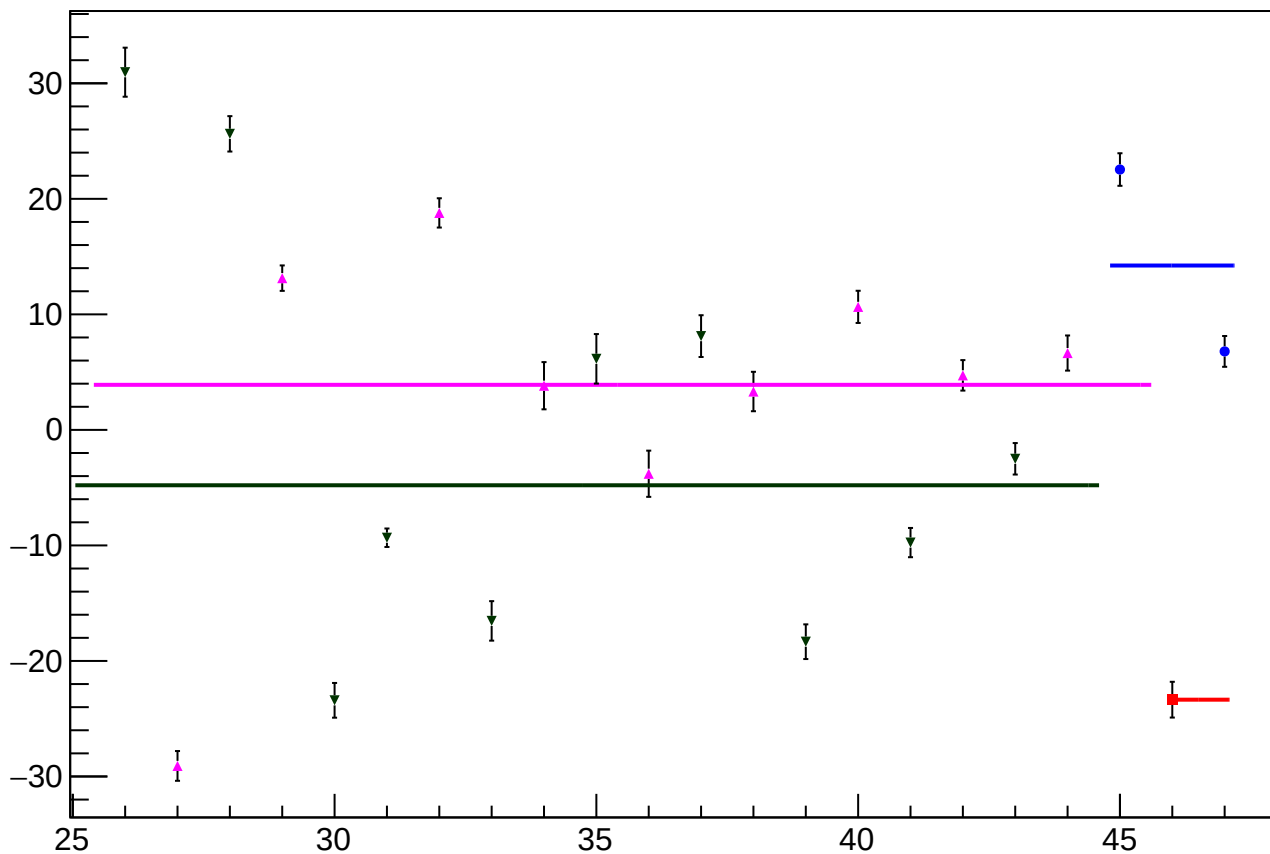
Left Out: -42.913+/-0.044 χ^2/NDF : 295110.7/9

2.481+/-0.028 χ^2/NDF : 2775937.9/21

Right Out: -25.727+/-0.113 χ^2/NDF : 0.0/0

Left In: 51.914+/-0.046 χ^2/NDF : 149065.3/8

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



Right In: 14.228 $\pm$ 0.969 χ^2 /NDF: 65.8/1

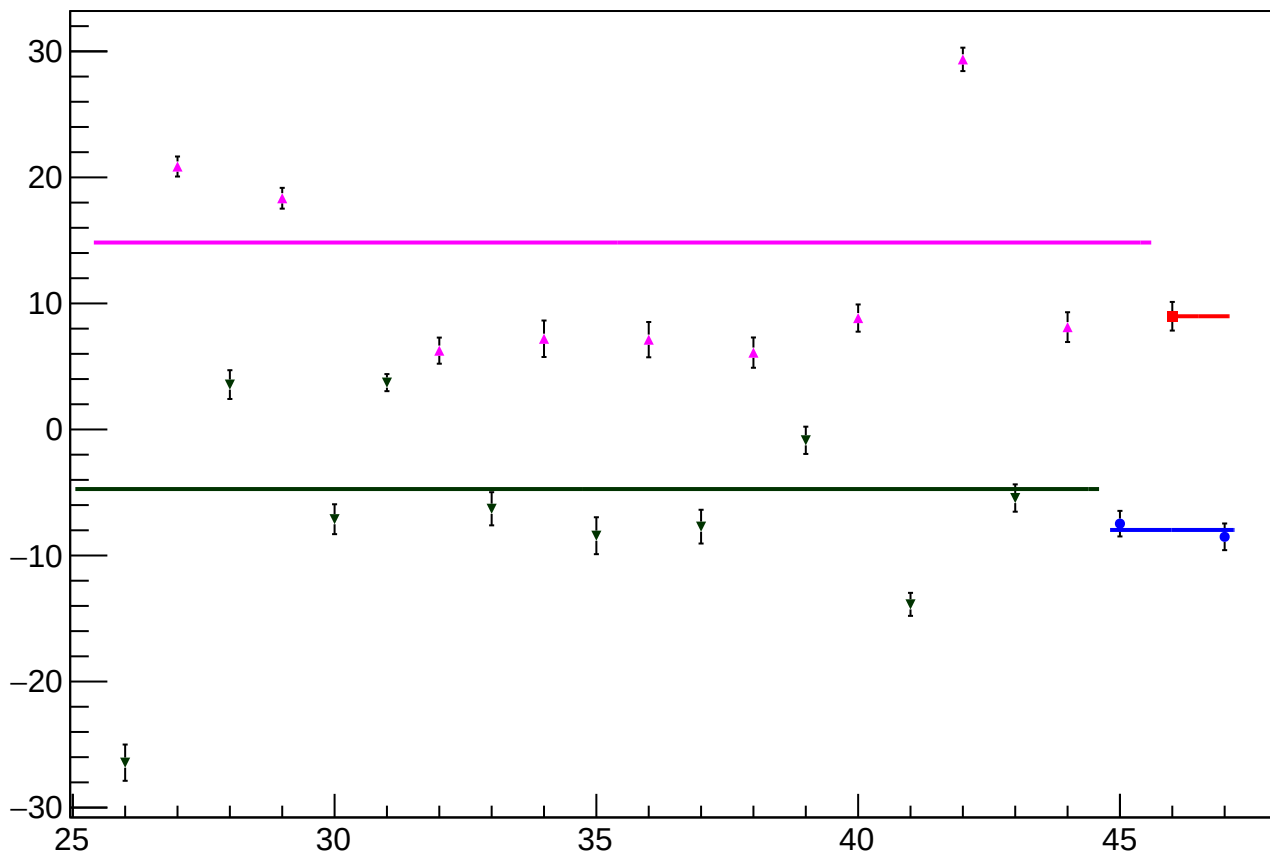
Left Out: -4.793 $\pm$ 0.442 χ^2 /NDF:1087.2/9

Right Out: -23.353 $\pm$ 1.548 χ^2 /NDF: 0.0/0

Left In: 3.900 $\pm$ 0.476 χ^2 /NDF:906.0/8

-0.179 $\pm$ 0.301 χ^2 /NDF: 2686.9/21

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



Right In: -7.973 ± 0.732 χ^2/NDF : 0.5/1

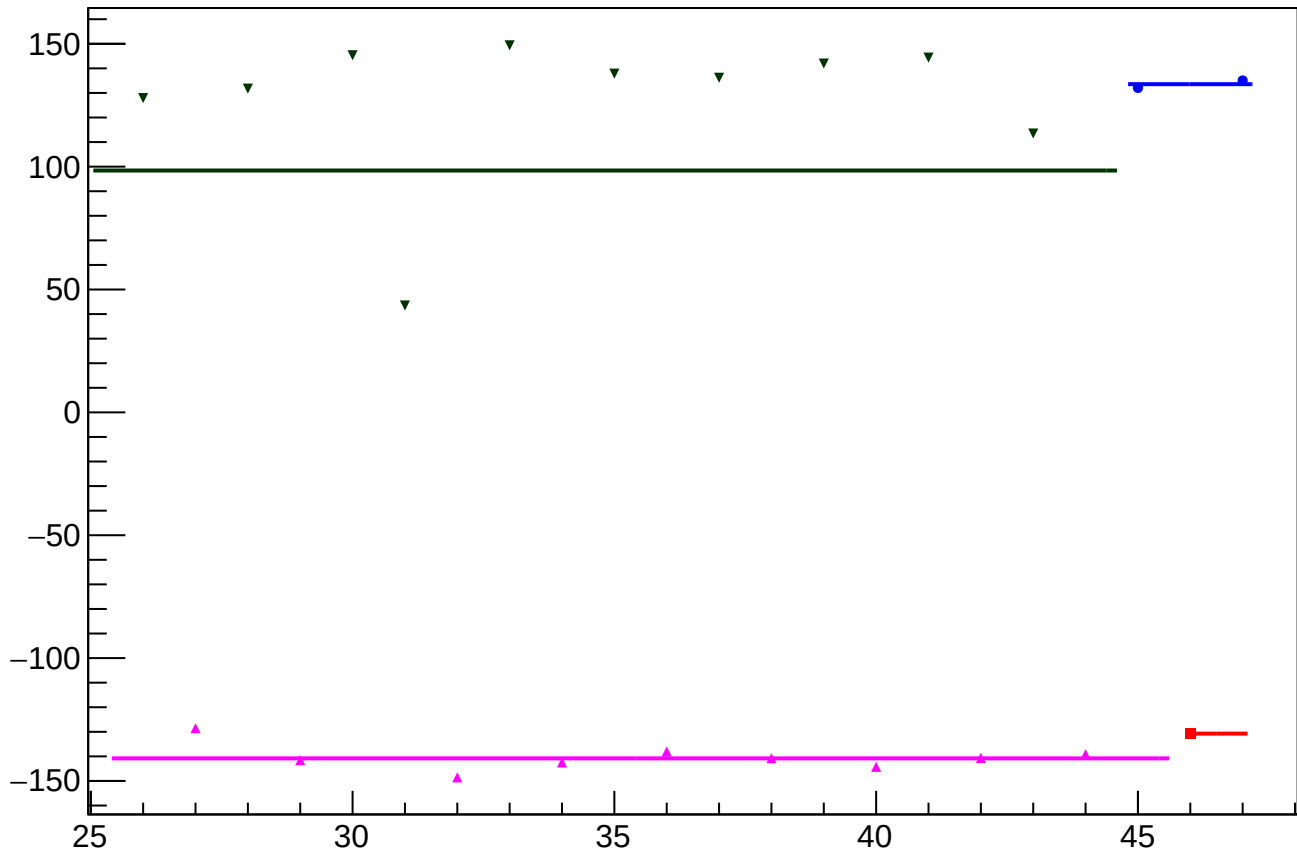
Left Out: -4.727 ± 0.340 χ^2/NDF : 566.1/9

Right Out: 8.982 ± 1.137 χ^2/NDF : 0.0/0

Left In: 14.832 ± 0.345 χ^2/NDF : 563.0/8

3.849 ± 0.225 χ^2/NDF : 3059.5/21

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



Right In: 133.565 $\pm$ 0.158 χ^2 /NDF: 92.5/1

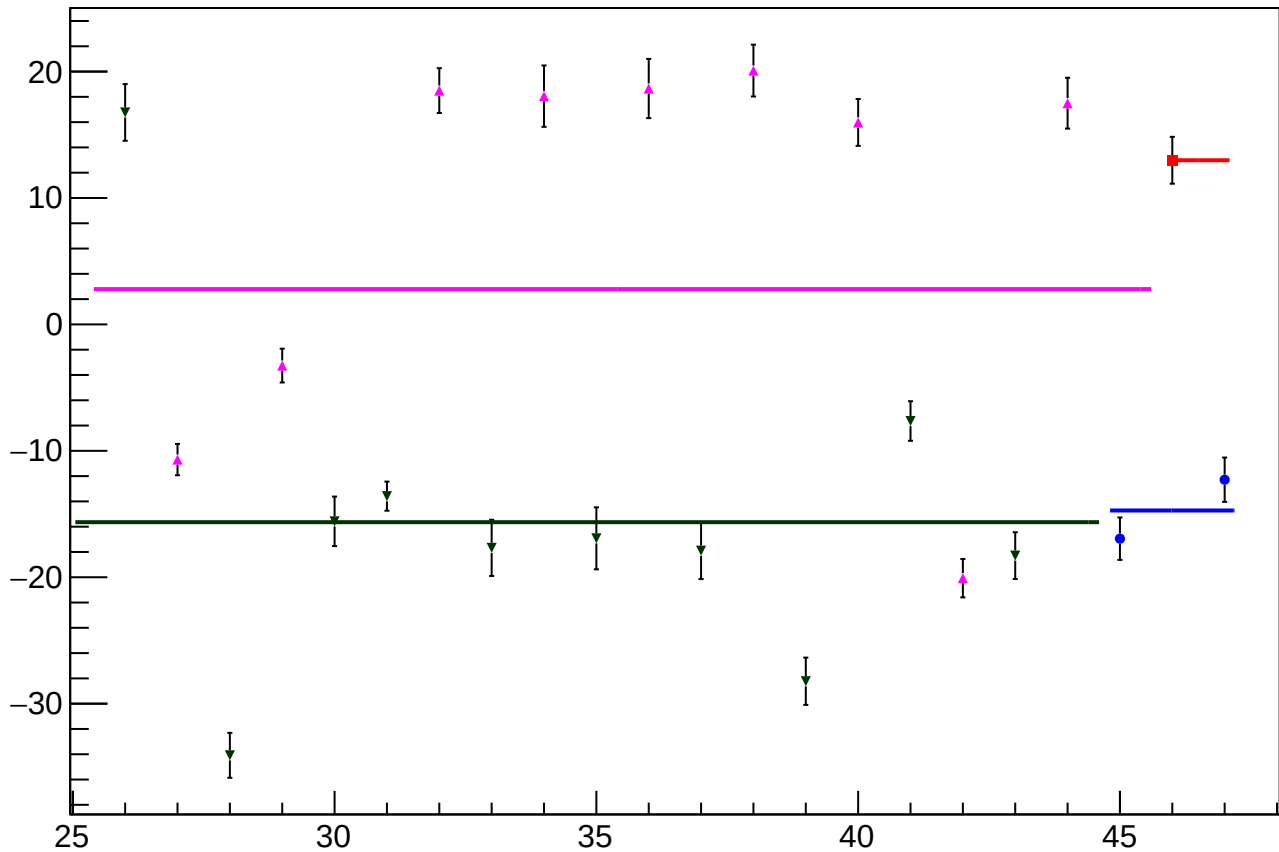
Left Out: 98.427 $\pm$ 0.068 χ^2 /NDF: 464189.2/9

7.729 $\pm$ 0.049 χ^2 /NDF: 6477278.1/21

Right Out: -130.732 $\pm$ 0.232 χ^2 /NDF: 0.0/0

Left In: -140.810 $\pm$ 0.082 χ^2 /NDF: 4715.0/8

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



Right In: -14.718 ± 1.213 χ^2/NDF : 3.7/1

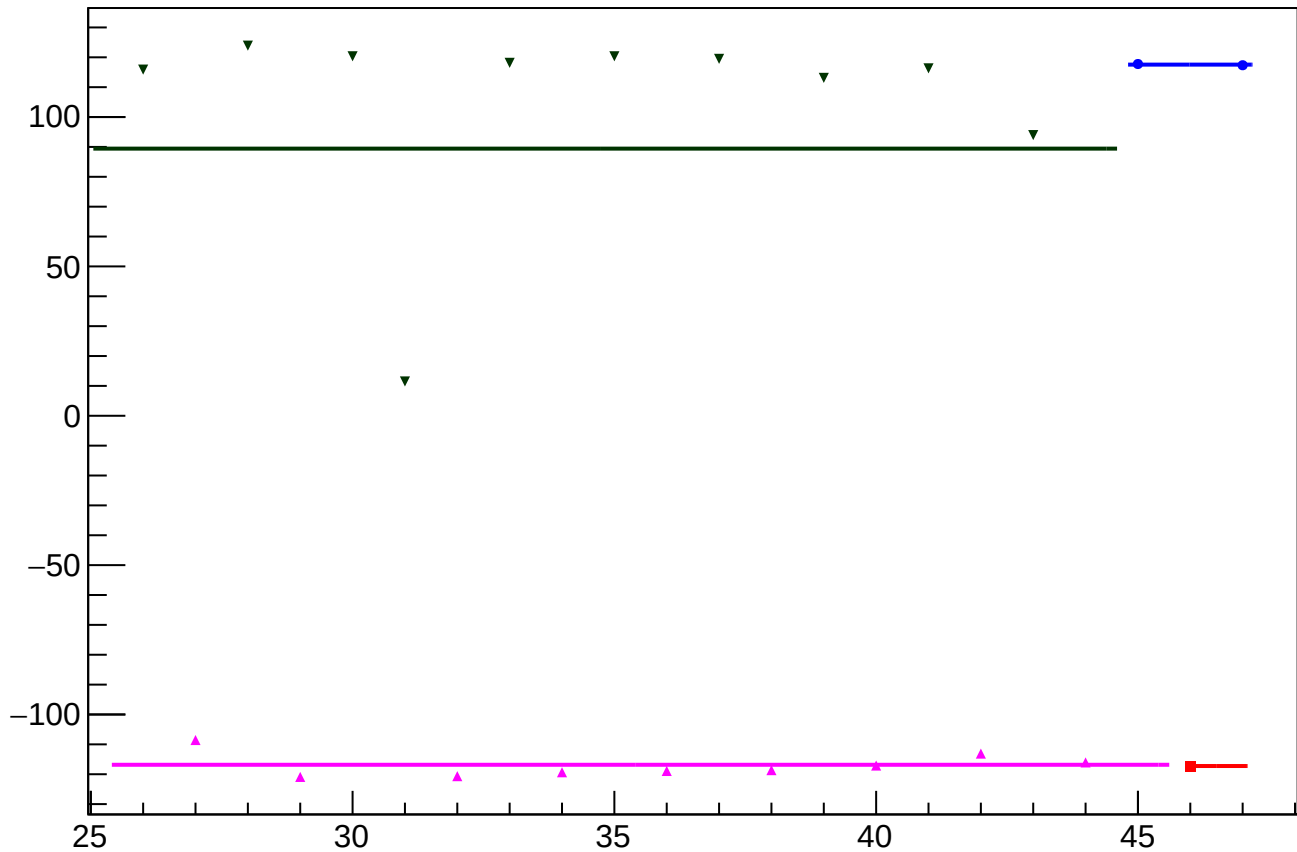
Left Out: -15.644 ± 0.569 χ^2/NDF : 395.1/9

Right Out: 12.984 ± 1.854 χ^2/NDF : 0.0/0

Left In: 2.793 ± 0.569 χ^2/NDF : 704.4/8

-6.418 ± 0.374 χ^2/NDF : 1784.2/21

reg_asym_at1_dd_diff_bpm11X_slope vs slug



Right In: 117.553 $\pm$ 0.238 χ^2 /NDF: 0.7/1

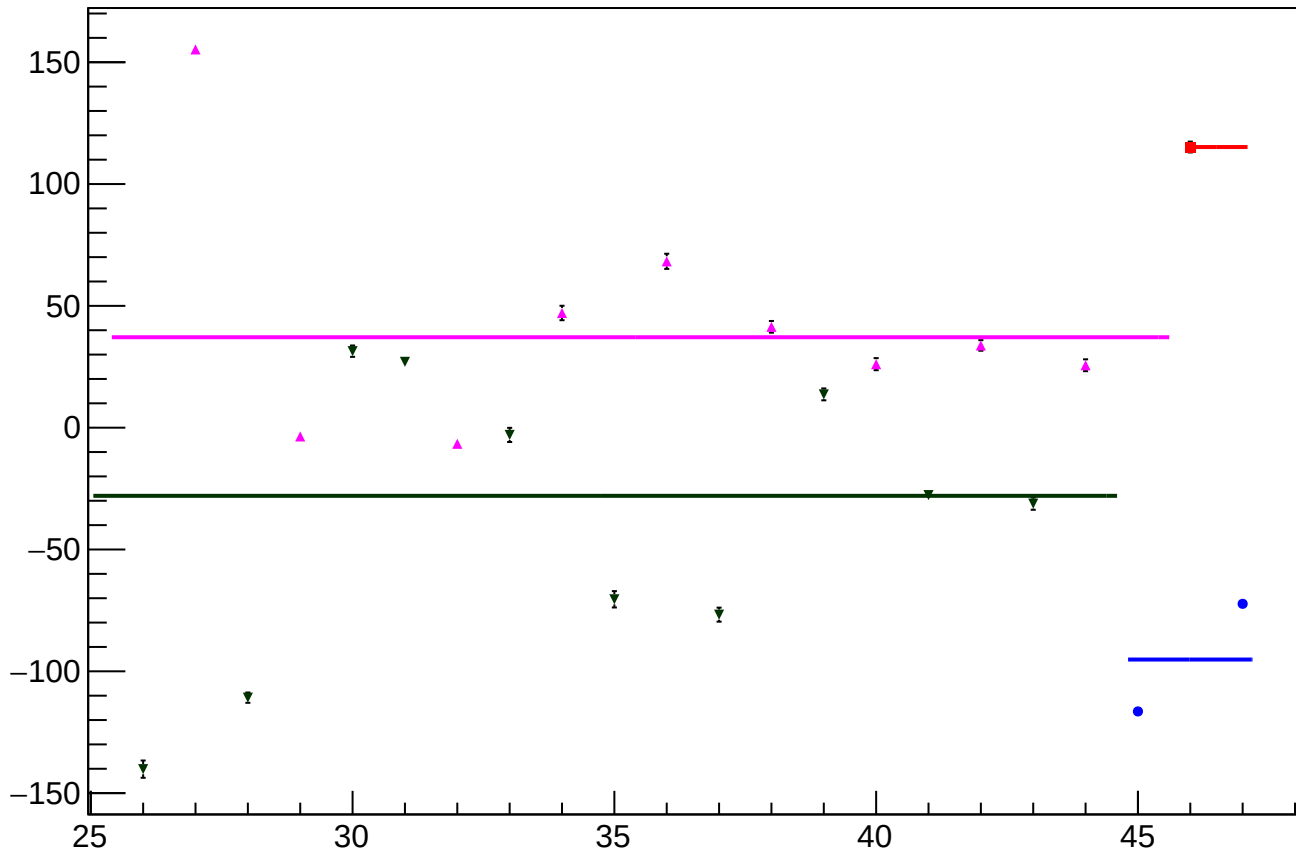
Left Out: 89.431 $\pm$ 0.103 χ^2 /NDF: 195054.4/9

7.697 $\pm$ 0.073 χ^2 /NDF: 2227231.2/21

Right Out: -117.252 $\pm$ 0.364 χ^2 /NDF: 0.0/0

Left In: -116.836 $\pm$ 0.120 χ^2 /NDF: 1138.7/8

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



Right In: -95.165 ± 1.440 χ^2/NDF : 234.9/1

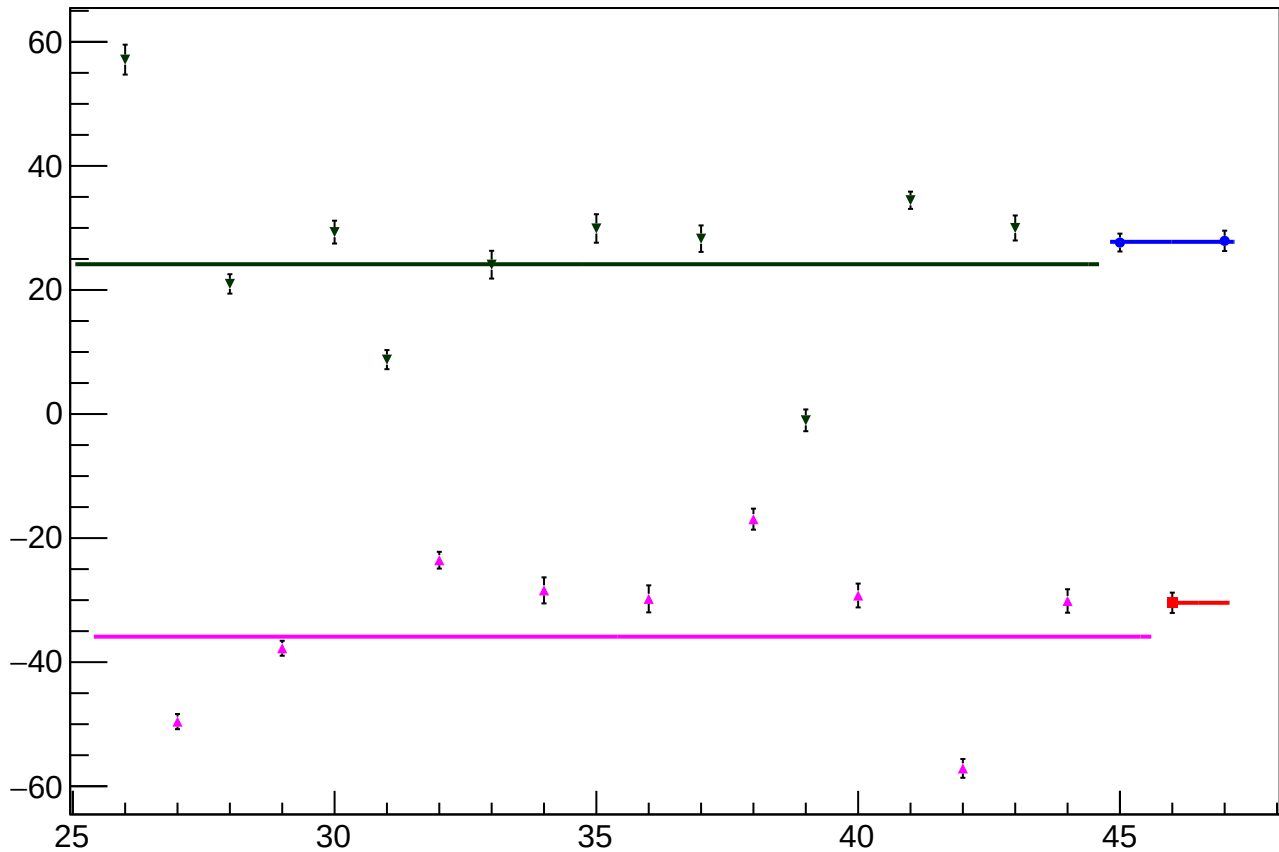
Left Out: -27.970 ± 0.765 χ^2/NDF : 4906.6/9

Right Out: 115.193 ± 2.229 χ^2/NDF : 0.0/0

Left In: 37.121 ± 0.714 χ^2/NDF : 5219.8/8

0.508 ± 0.479 χ^2/NDF : 21437.6/21

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



Right In: 27.763+/-1.083 χ^2 /NDF: 0.0/1

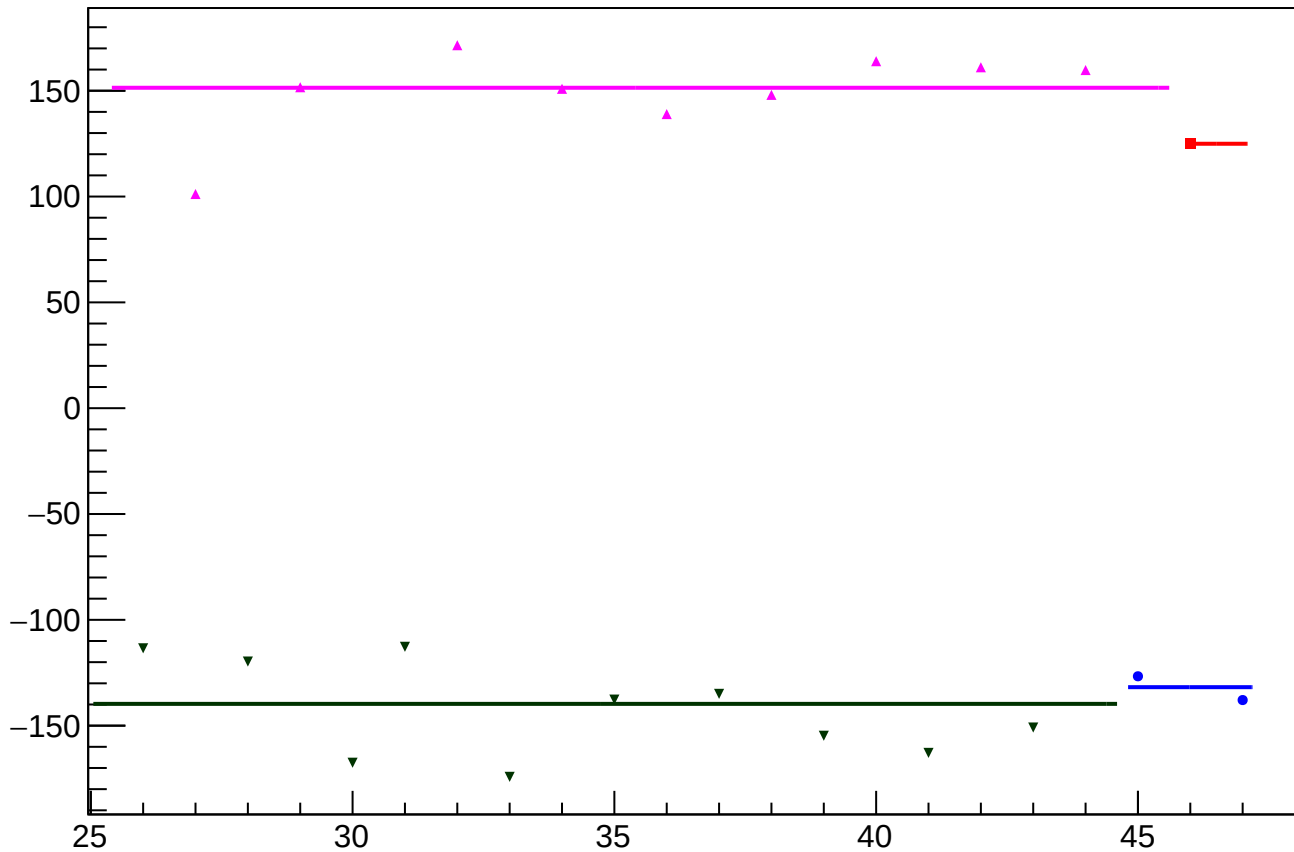
Left Out: 24.152+/-0.578 χ^2 /NDF: 577.8/9

-5.988+/-0.356 χ^2 /NDF: 8351.9/21

Right Out: -30.429+/-1.638 χ^2 /NDF: 0.0/0

Left In: -35.889+/-0.522 χ^2 /NDF: 574.5/8

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



Right In: -131.816+/-0.235 χ^2/NDF : 567.5/1

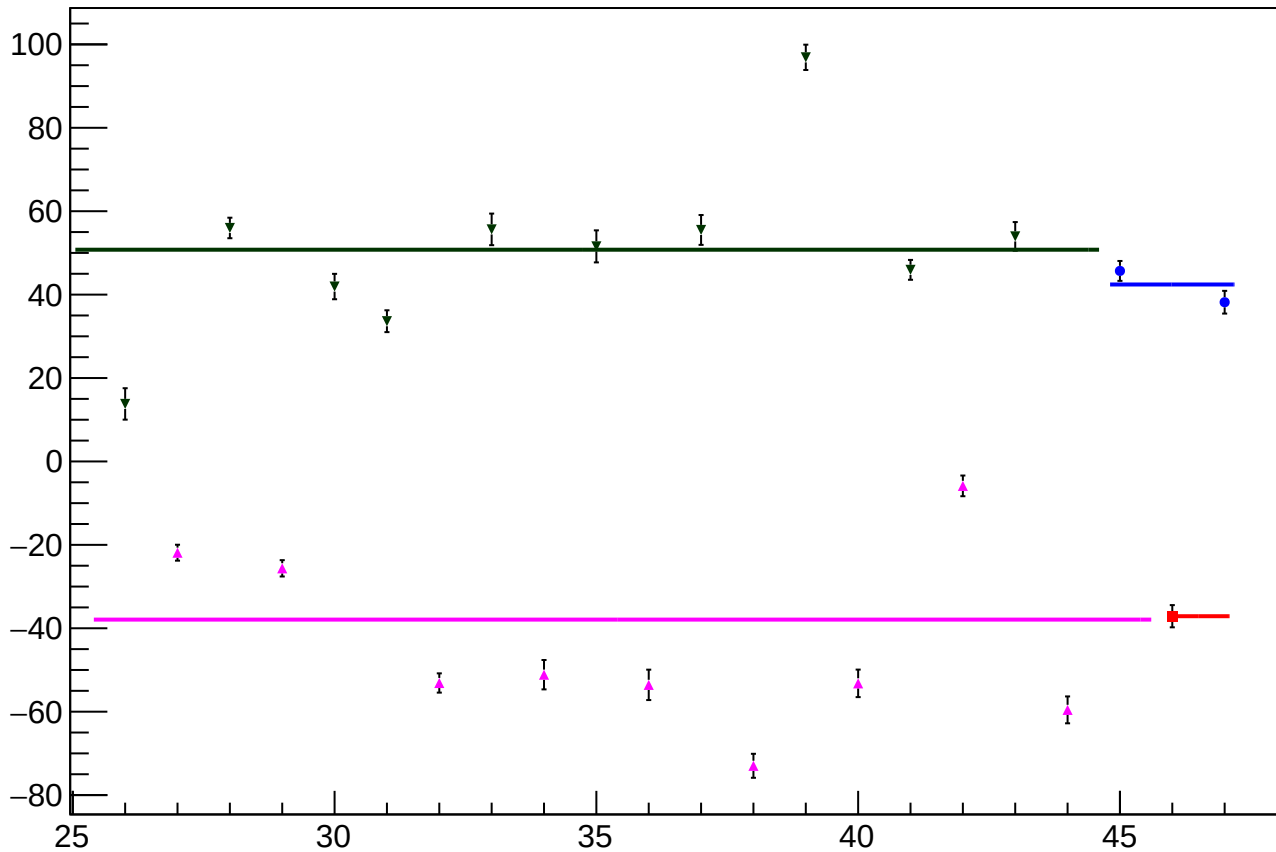
Left Out: -139.707+/-0.122 χ^2/NDF : 35232.0/9

Right Out: 124.945+/-0.335 χ^2/NDF : 0.0/0

Left In: 151.402+/-0.122 χ^2/NDF : 30317.9/8

-3.097+/-0.079 χ^2/NDF : 3369672.3/21

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



Right In: 42.429+/-1.794 χ^2/NDF : 4.3/1

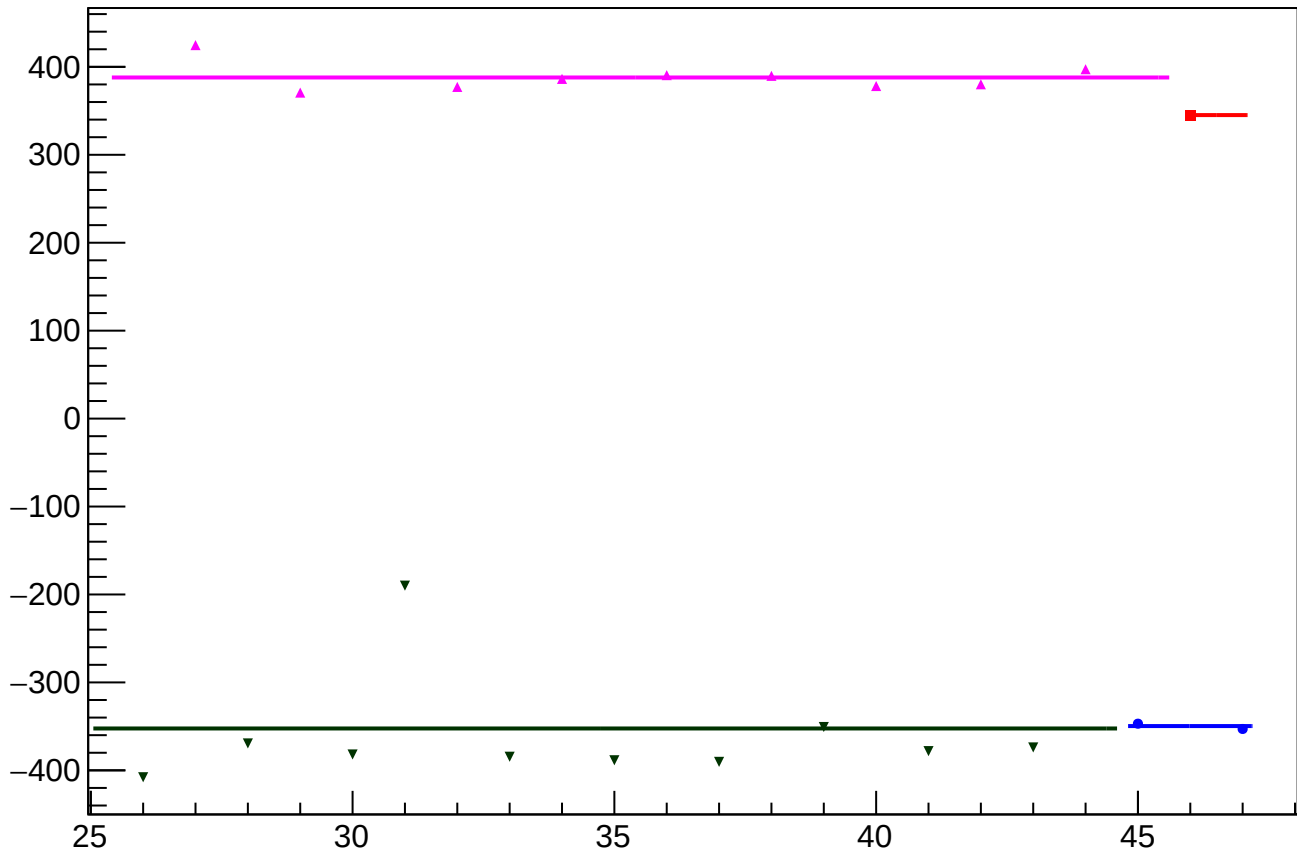
Left Out: 50.768+/-0.965 χ^2/NDF : 391.5/9

Right Out: -37.109+/-2.664 χ^2/NDF : 0.0/0

Left In: -37.922+/-0.861 χ^2/NDF : 567.8/8

3.940+/-0.590 χ^2/NDF : 6382.7/21

reg_asym_at2_avg_diff_bpm11X_slope vs slug



Right In: -349.649 ± 0.354 $\chi^2/\text{NDF}: 70.9/1$

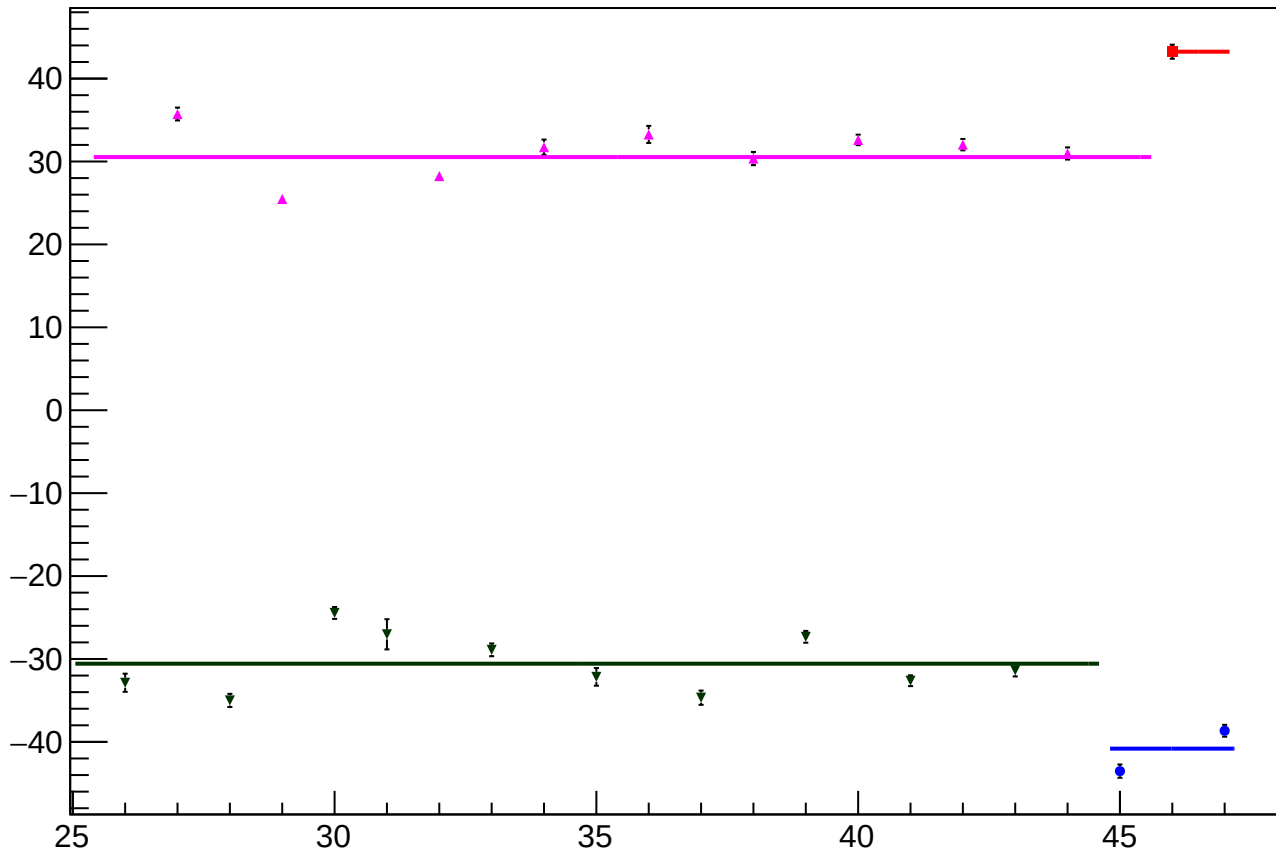
Left Out: -352.385 ± 0.178 $\chi^2/\text{NDF}: 145038.2/9$

Right Out: 345.155 ± 0.525 $\chi^2/\text{NDF}: 0.0/0$

Left In: 387.911 ± 0.183 $\chi^2/\text{NDF}: 8311.7/8$

-13.340 ± 0.117 $\chi^2/\text{NDF}: 9968919.3/21$

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



Right In: -40.813±/-0.535 χ^2/NDF : 20.5/1

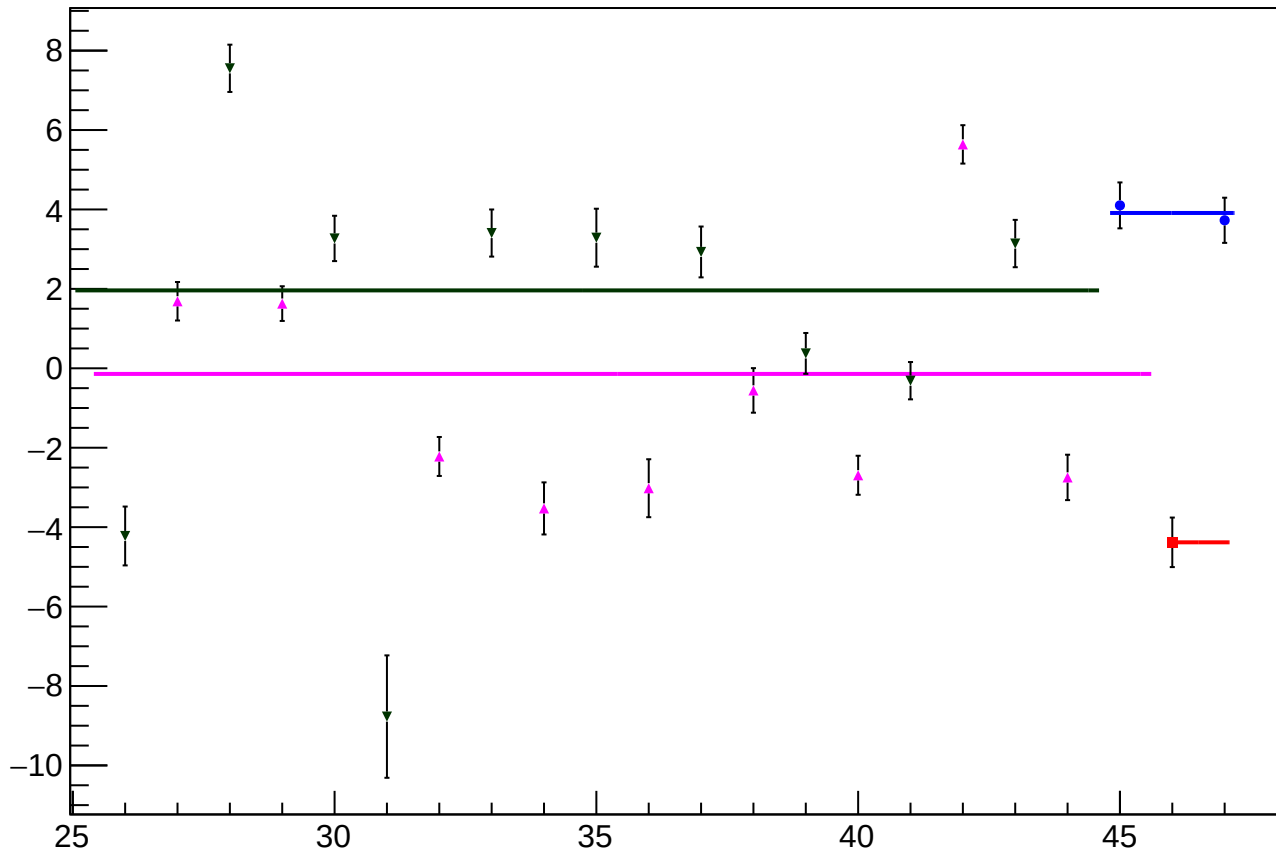
Left Out: -30.568±/-0.261 χ^2/NDF : 173.1/9

Right Out: 43.243±/-0.848 χ^2/NDF : 0.0/0

Left In: 30.535±/-0.239 χ^2/NDF : 159.3/8

0.142±/-0.164 χ^2/NDF : 38886.8/21

reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 3.912 ± 0.405 χ^2/NDF : 0.2/1

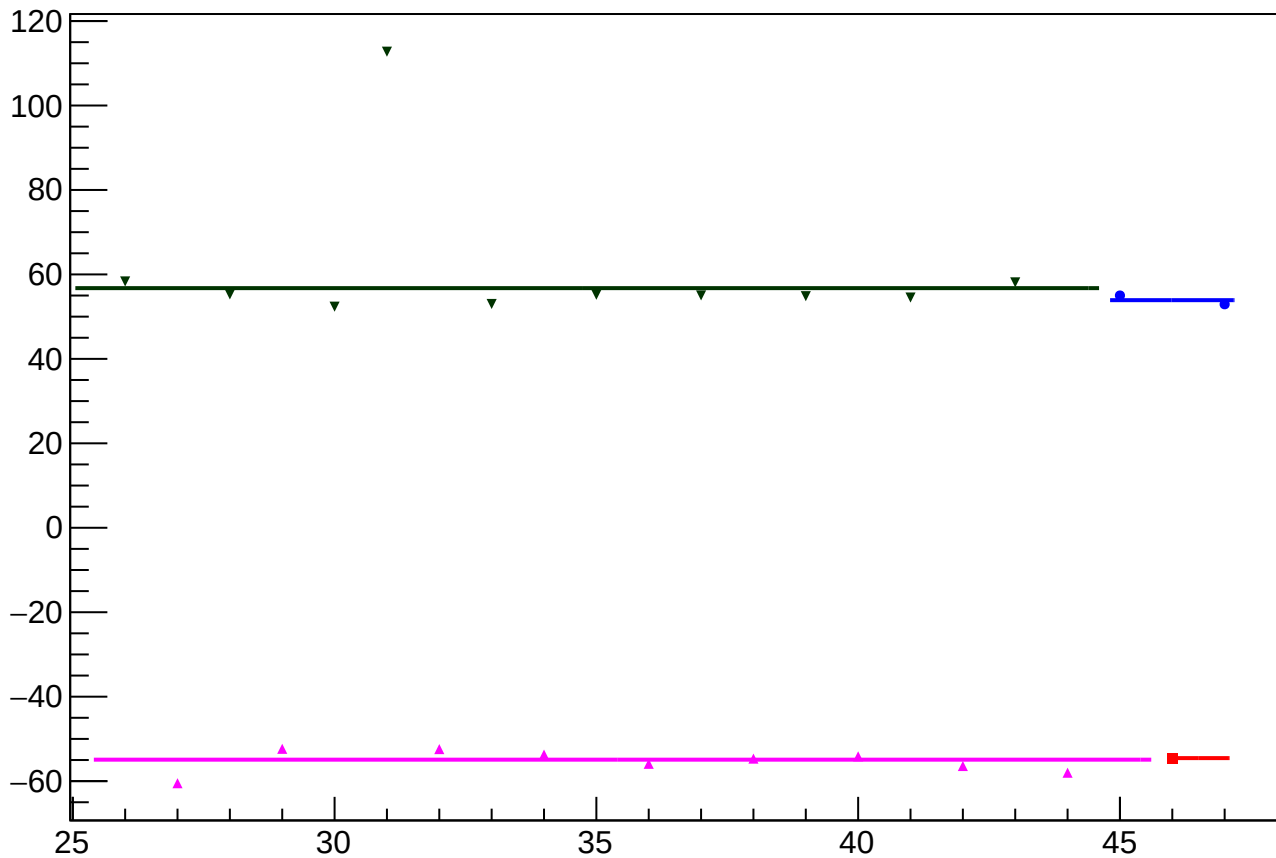
Left Out: 1.962 ± 0.195 χ^2/NDF : 260.0/9

Right Out: -4.382 ± 0.624 χ^2/NDF : 0.0/0

Left In: -0.142 ± 0.175 χ^2/NDF : 282.0/8

0.884 ± 0.122 χ^2/NDF : 734.1/21

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



Right In: 53.902 $\pm$ 0.088 χ^2 /NDF: 139.6/1

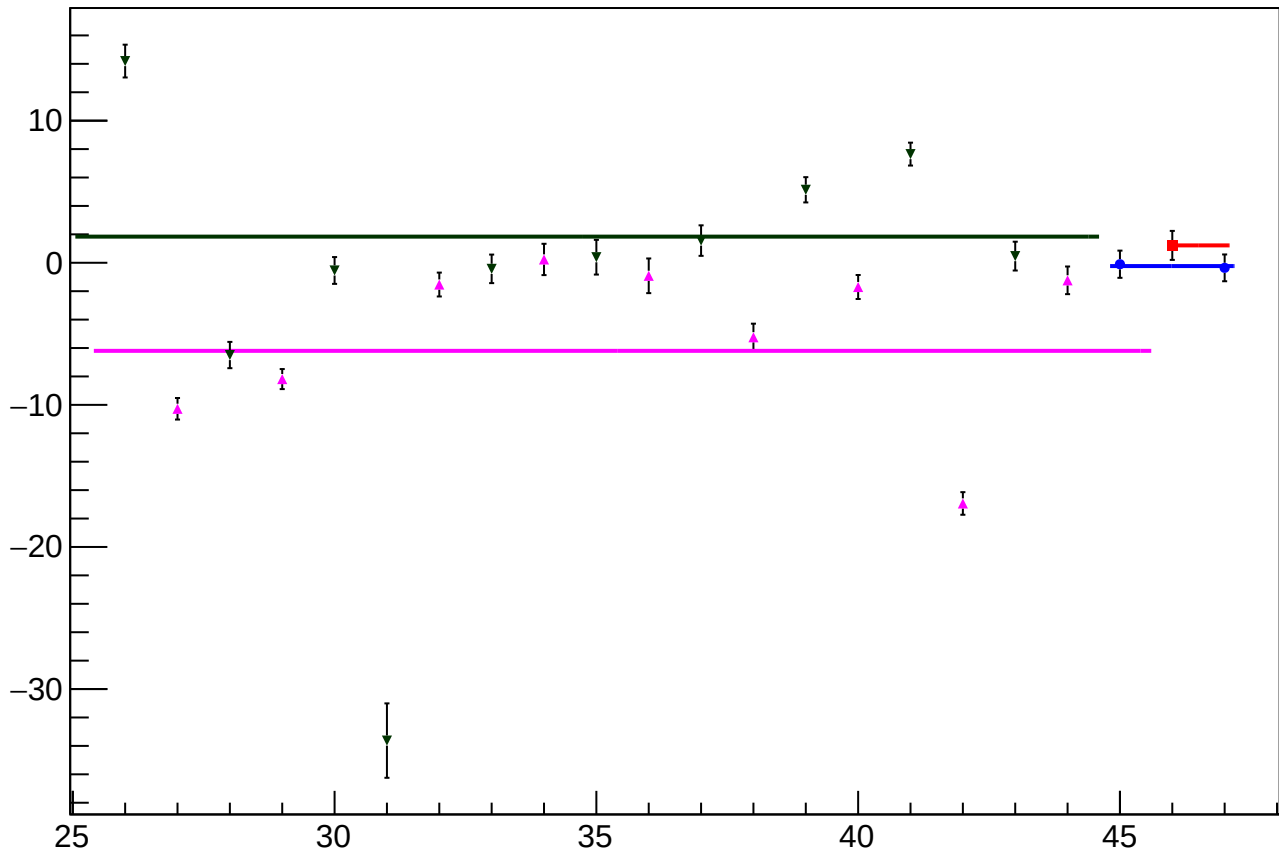
Left Out: 56.751 $\pm$ 0.043 χ^2 /NDF: 56417.9/9

0.789 $\pm$ 0.027 χ^2 /NDF: 4150011.3/21

Right Out: -54.548 $\pm$ 0.127 χ^2 /NDF: 0.0/0

Left In: -54.917 $\pm$ 0.041 χ^2 /NDF: 3795.7/8

reg_asym_at2_dd_diff_bpm4eY_slope vs slug



Right In: -0.232 ± 0.672 χ^2/NDF : 0.0/1

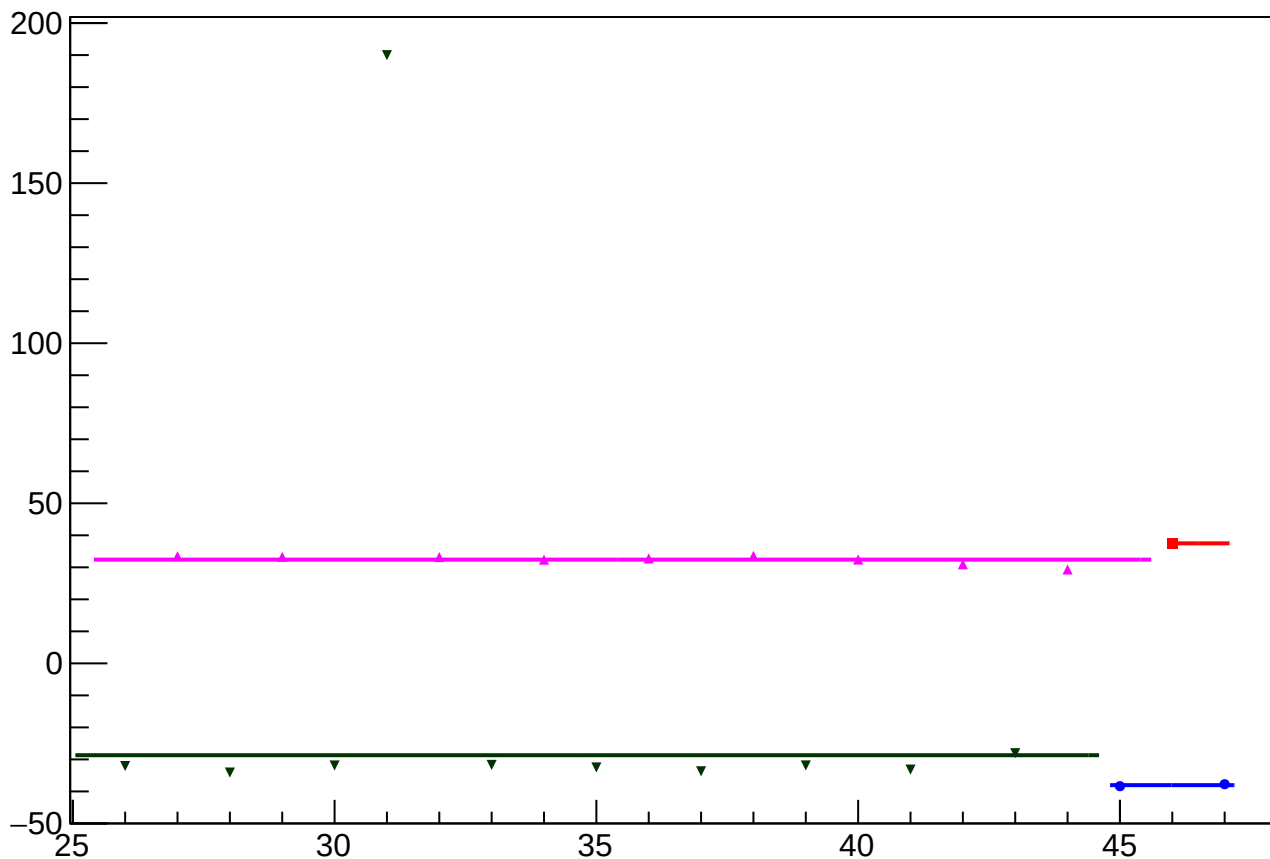
Left Out: 1.840 ± 0.325 χ^2/NDF : 459.7/9

Right Out: 1.223 ± 1.020 χ^2/NDF : 0.0/0

Left In: -6.199 ± 0.291 χ^2/NDF : 358.1/8

-2.247 ± 0.202 χ^2/NDF : 1181.3/21

reg_asym_at2_dd_diff_bpm11X_slope vs slug



Right In: -38.036+/-0.132 χ^2/NDF : 5.5/1

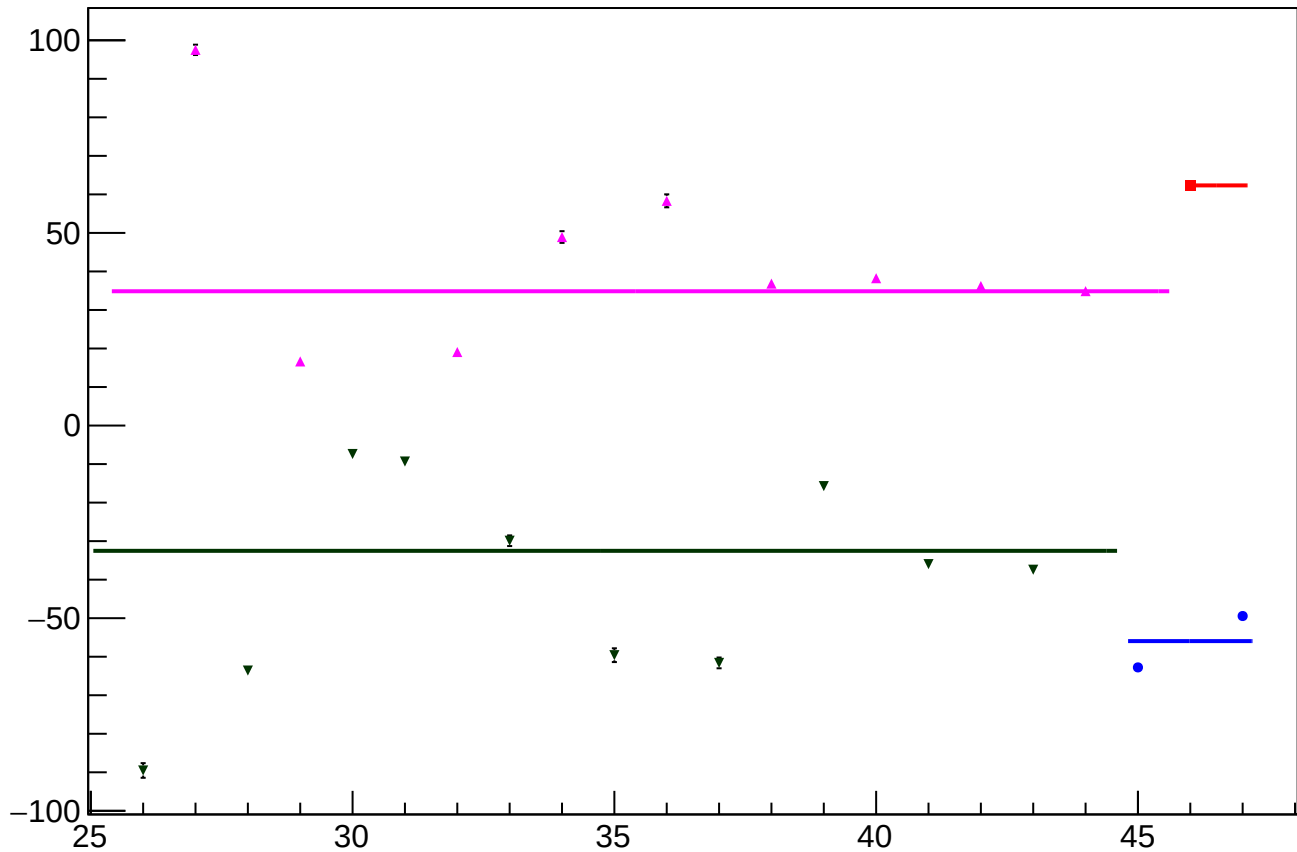
Left Out: -28.687+/-0.059 χ^2/NDF : 220527.8/9

Right Out: 37.489+/-0.200 χ^2/NDF : 0.0/0

Left In: 32.407+/-0.060 χ^2/NDF : 448.5/8

-0.790+/-0.039 χ^2/NDF : 871923.5/21

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



Right In: -55.947 $\pm$ 0.700 χ^2 /NDF: 90.7/1

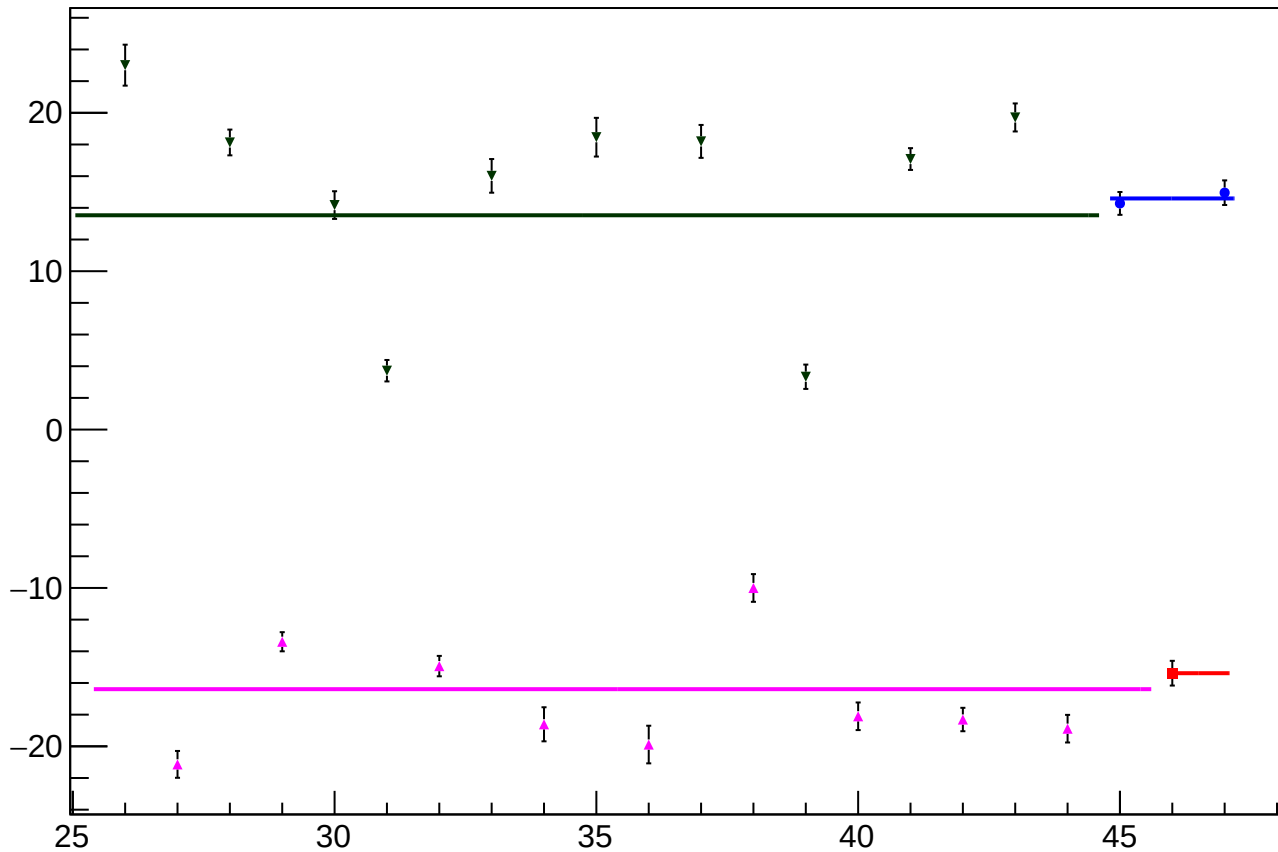
Left Out: -32.518 $\pm$ 0.362 χ^2 /NDF: 4017.1/9

-2.195 $\pm$ 0.234 χ^2 /NDF: 34640.7/21

Right Out: 62.333 $\pm$ 1.062 χ^2 /NDF: 0.0/0

Left In: 34.857 $\pm$ 0.361 χ^2 /NDF: 3392.2/8

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 14.593+/-0.529 χ^2/NDF : 0.4/1

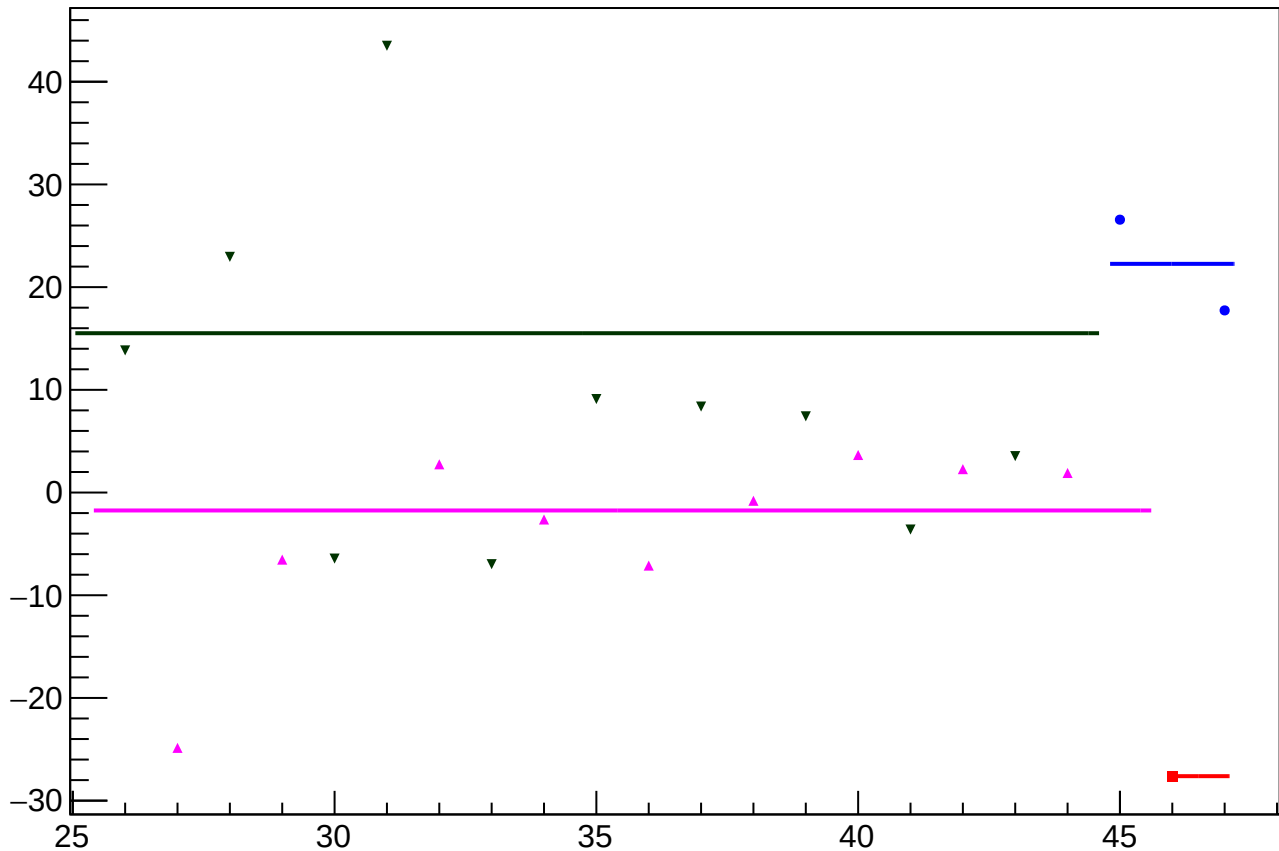
Left Out: 13.531+/-0.276 χ^2/NDF : 589.5/9

Right Out: -15.382+/-0.781 χ^2/NDF : 0.0/0

Left In: -16.391+/-0.268 χ^2/NDF : 146.0/8

-0.695+/-0.176 χ^2/NDF : 8009.7/21

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



Right In: 22.267+/-0.114 χ^2/NDF : 1489.7/1

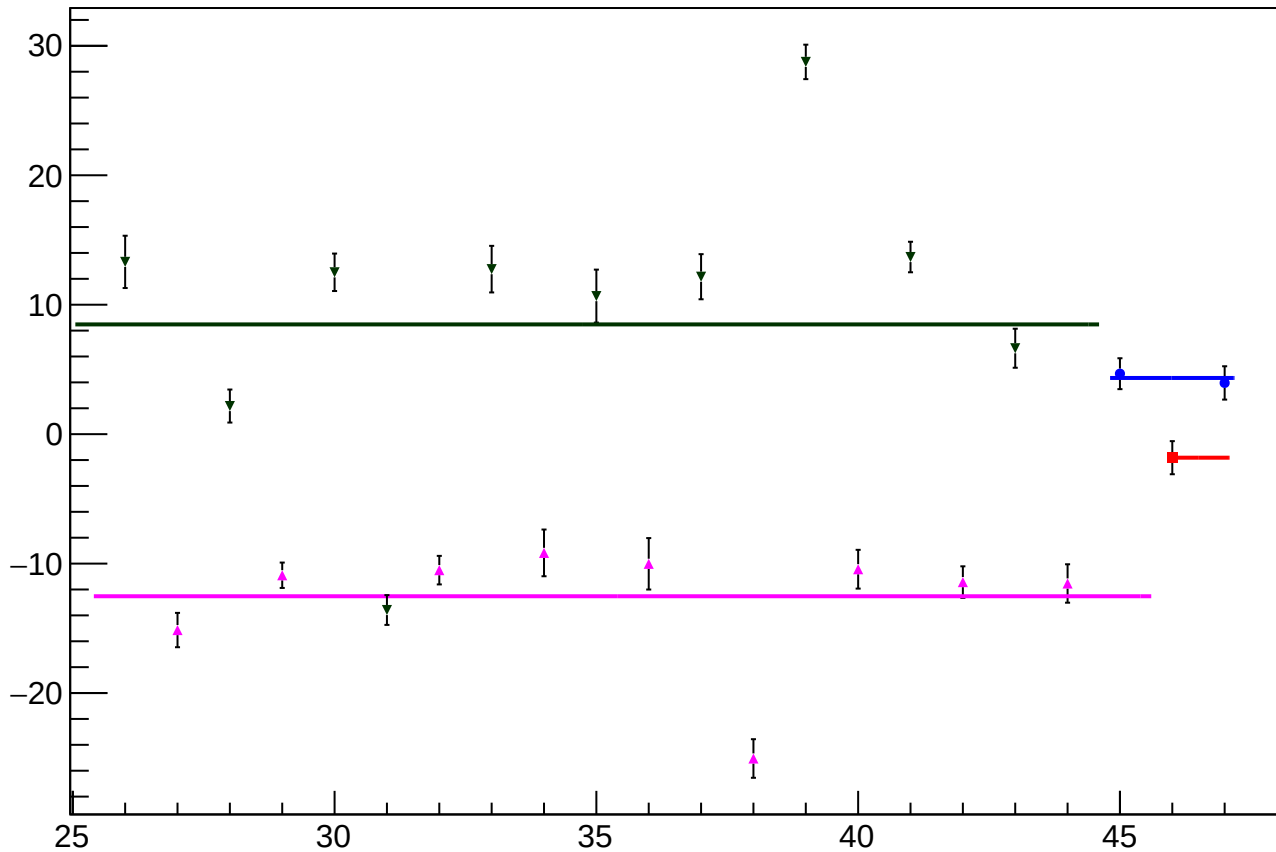
Left Out: 15.514+/-0.057 χ^2/NDF : 116500.8/9

7.131+/-0.038 χ^2/NDF : 239502.5/21

Right Out: -27.616+/-0.159 χ^2/NDF : 0.0/0

Left In: -1.745+/-0.061 χ^2/NDF : 13830.4/8

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



Right In: 4.341 $\pm$ 0.876 χ^2 /NDF: 0.2/1

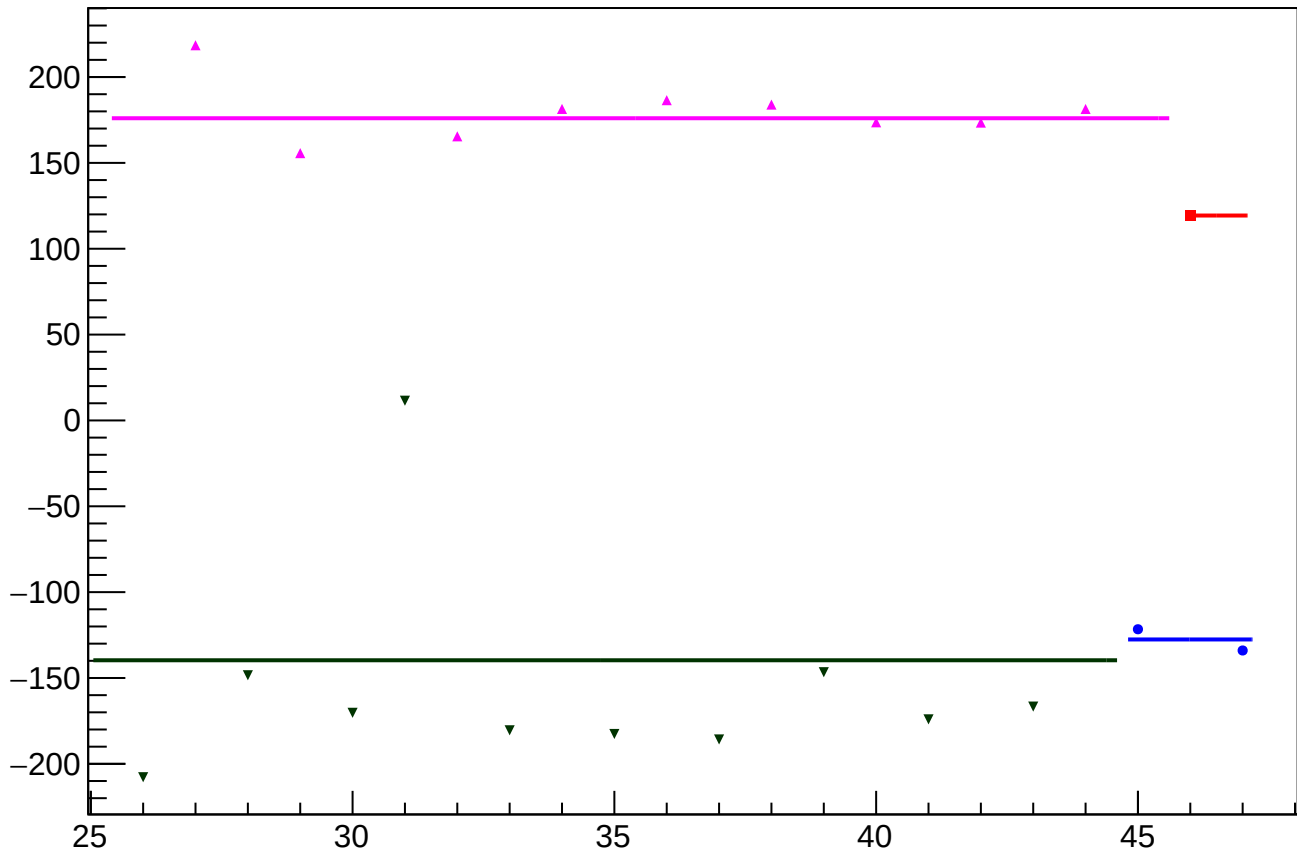
Left Out: 8.478 $\pm$ 0.462 χ^2 /NDF: 669.8/9

Right Out: -1.818 $\pm$ 1.278 χ^2 /NDF: 0.0/0

Left In: -12.522 $\pm$ 0.447 χ^2 /NDF: 88.8/8

-1.587 $\pm$ 0.293 χ^2 /NDF: 1879.6/21

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



Right In: -127.558 $\pm$ 0.172 χ^2/NDF : 1283.8/1

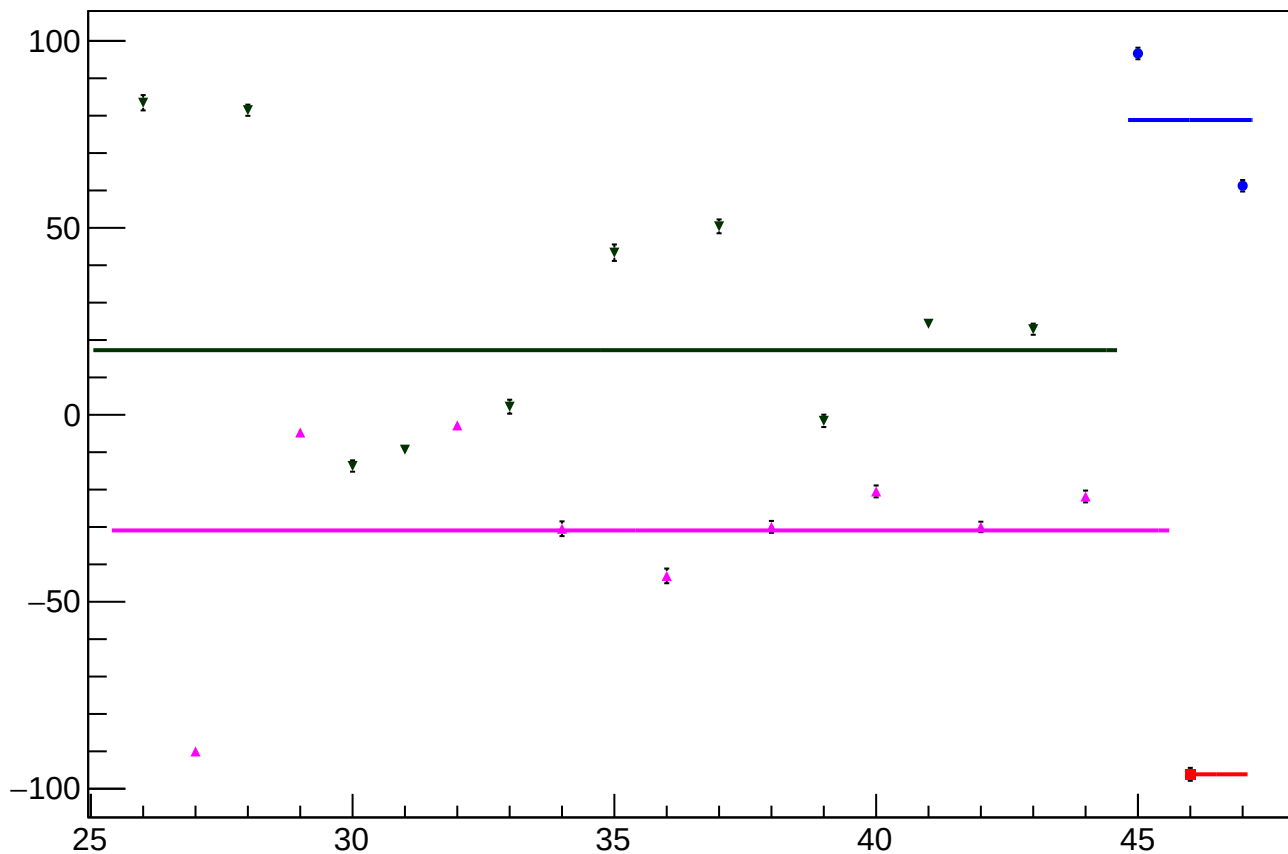
Left Out: -139.677 $\pm$ 0.085 χ^2/NDF : 679792.9/9

Right Out: 119.344 $\pm$ 0.251 χ^2/NDF : 0.0/0

Left In: 176.005 $\pm$ 0.093 χ^2/NDF : 29134.4/8

-3.841 $\pm$ 0.057 χ^2/NDF : 7755503.9/21

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



Right In: 78.840+/-1.093 χ^2/NDF : 262.0/1

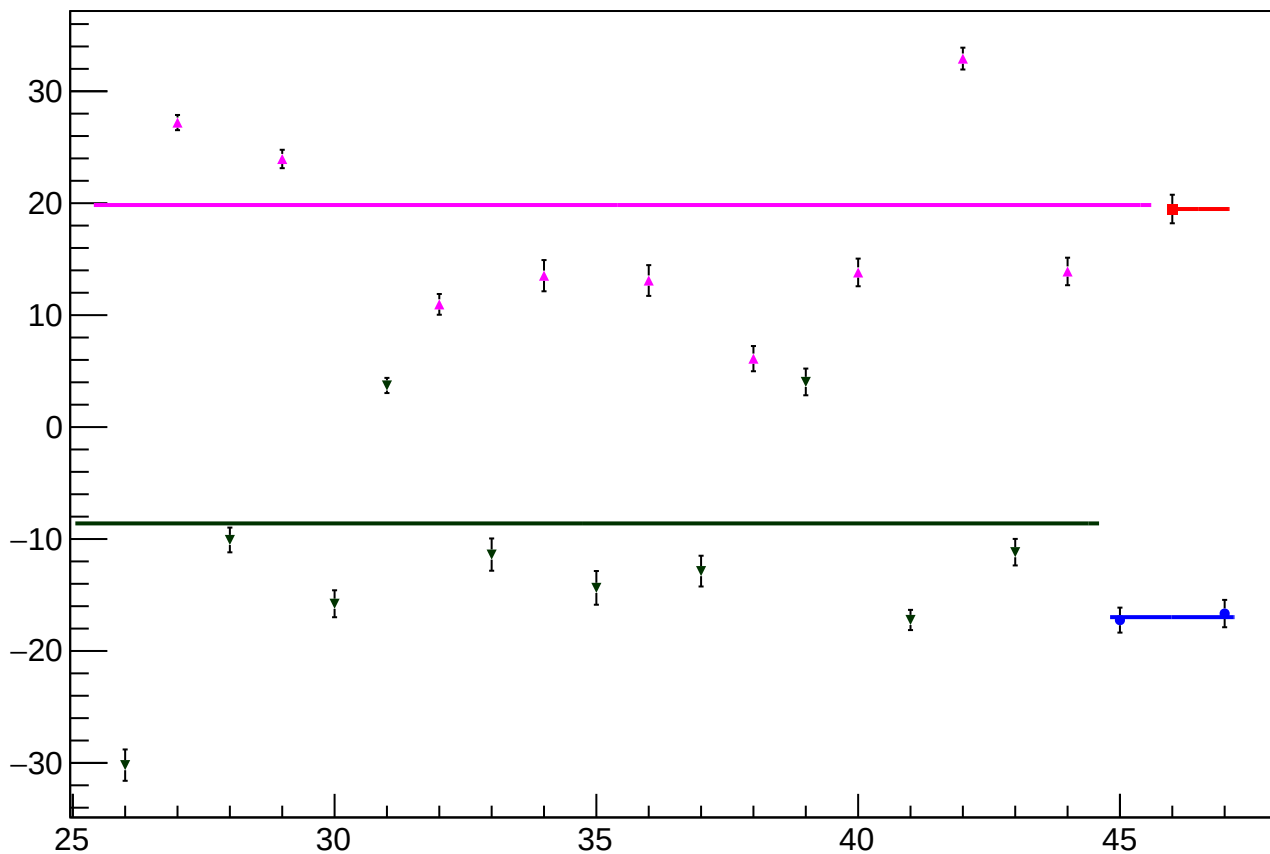
Left Out: 17.287+/-0.451 χ^2/NDF : 5099.2/9

-2.361+/-0.305 χ^2/NDF : 23752.9/21

Right Out: -96.146+/-1.733 χ^2/NDF : 0.0/0

Left In: -30.920+/-0.463 χ^2/NDF : 4232.7/8

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



Right In: -16.978 ± 0.824 χ^2/NDF : 0.1/1

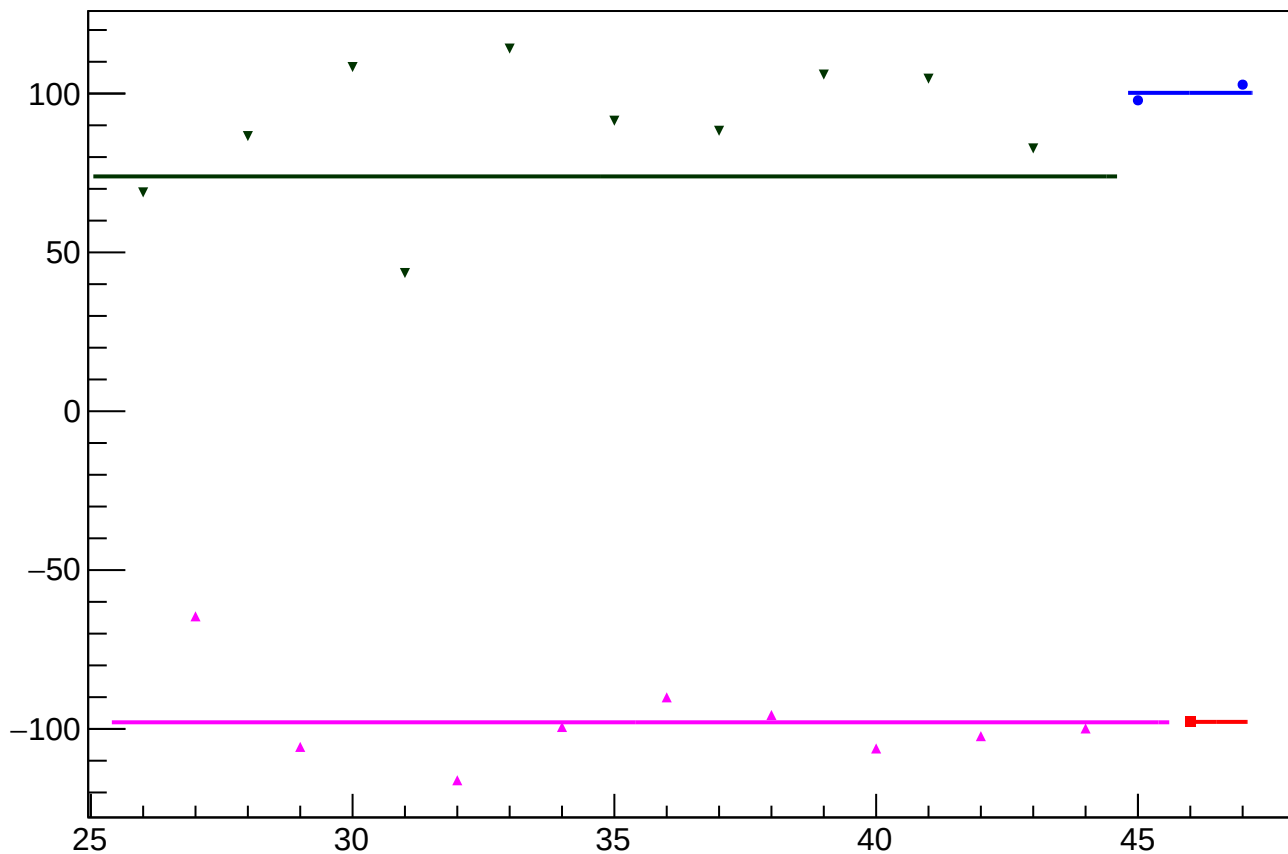
Left Out: -8.606 ± 0.347 χ^2/NDF : 842.3/9

Right Out: 19.480 ± 1.275 χ^2/NDF : 0.0/0

Left In: 19.837 ± 0.333 χ^2/NDF : 654.2/8

4.867 ± 0.227 χ^2/NDF : 5855.9/21

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



Right In: 100.221 $\pm$ 0.178 χ^2 /NDF: 192.2/1

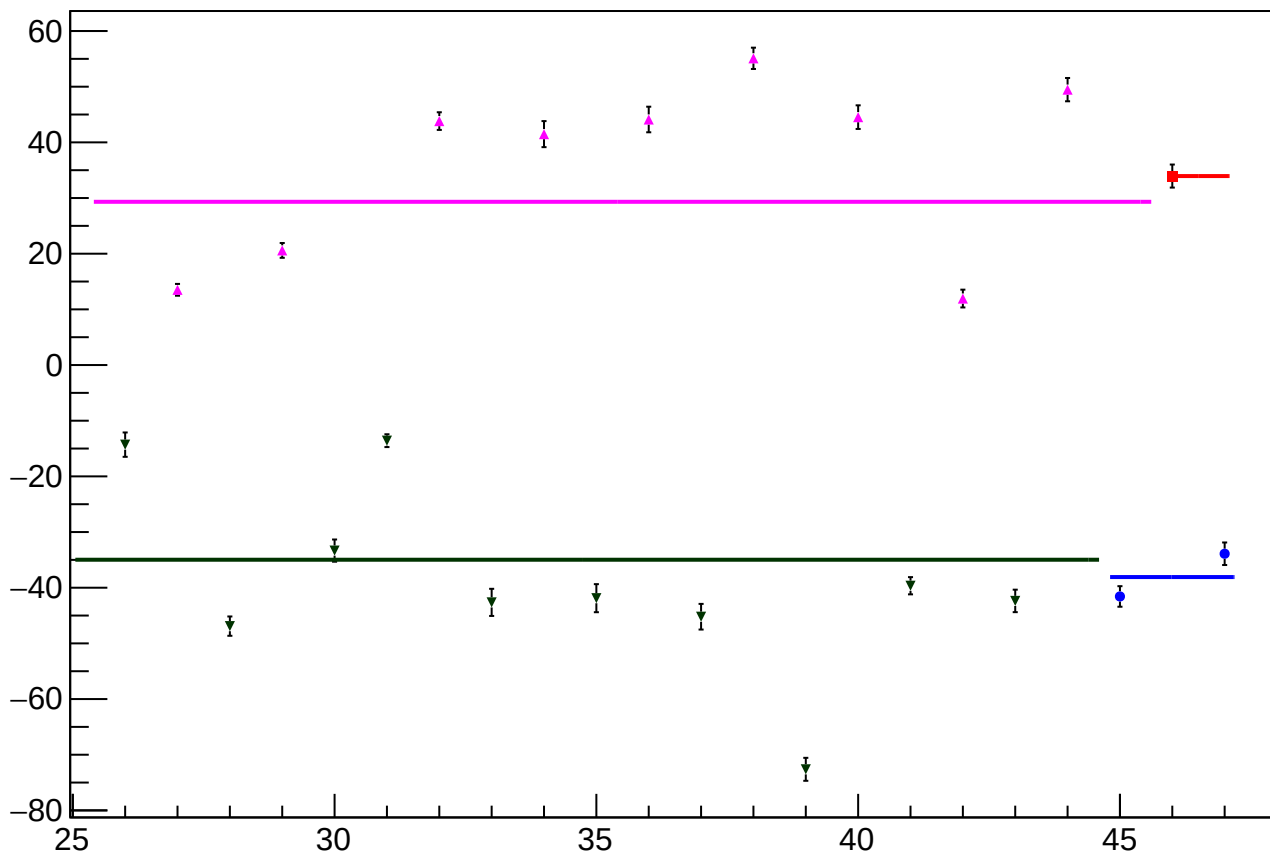
Left Out: 73.915 $\pm$ 0.069 χ^2 /NDF:161181.8/9

3.673 $\pm$ 0.049 χ^2 /NDF: 3321036.1/21

Right Out: -97.782 $\pm$ 0.260 χ^2 /NDF: 0.0/0

Left In: -97.913 $\pm$ 0.079 χ^2 /NDF:43937.6/8

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



Right In: -38.085±1.364 χ^2/NDF : 7.8/1

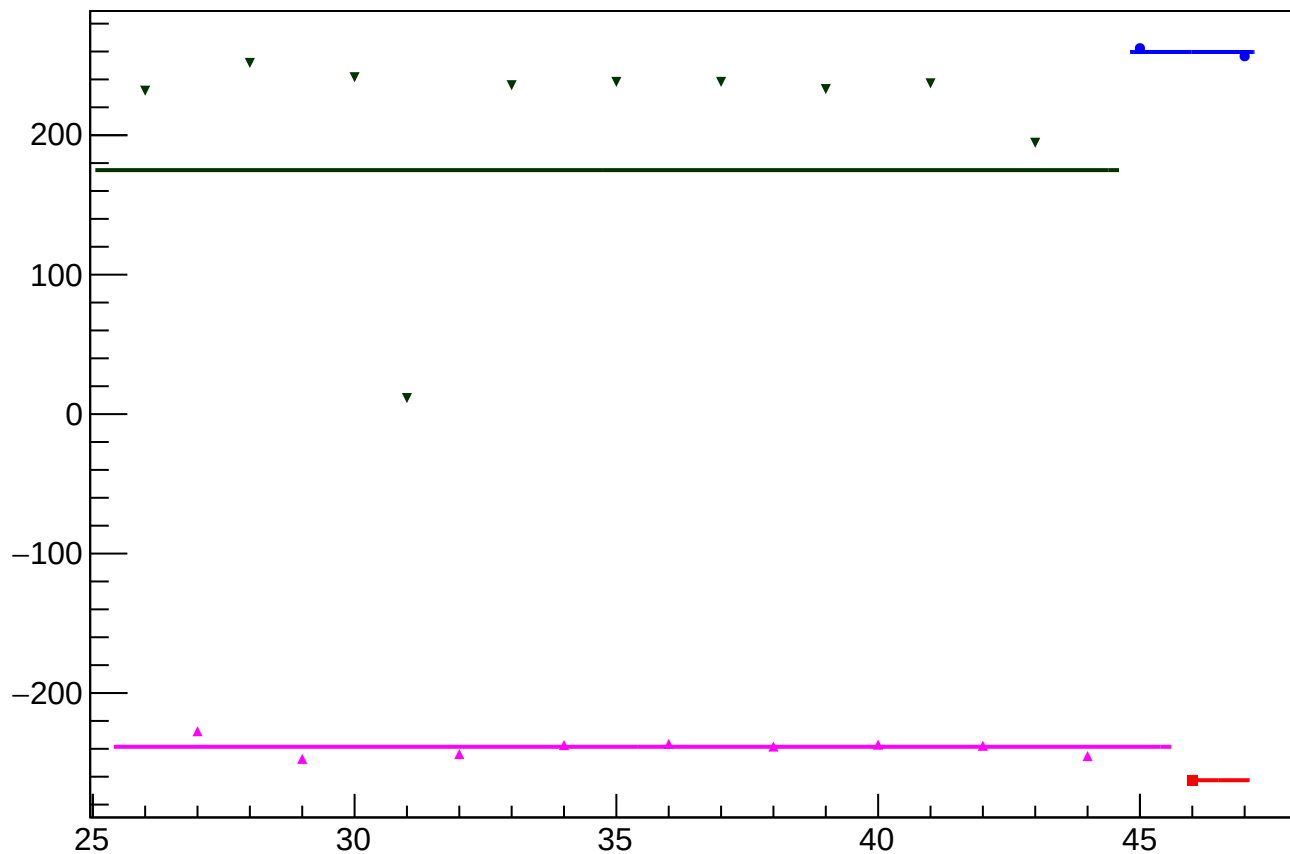
Left Out: -34.973±0.581 χ^2/NDF : 875.4/9

Right Out: 33.945±2.070 χ^2/NDF : 0.0/0

Left In: 29.322±0.547 χ^2/NDF : 861.1/8

-2.566±0.376 χ^2/NDF : 9237.8/21

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



Right In: 259.676 $\pm$ 0.268 χ^2 /NDF: 115.3/1

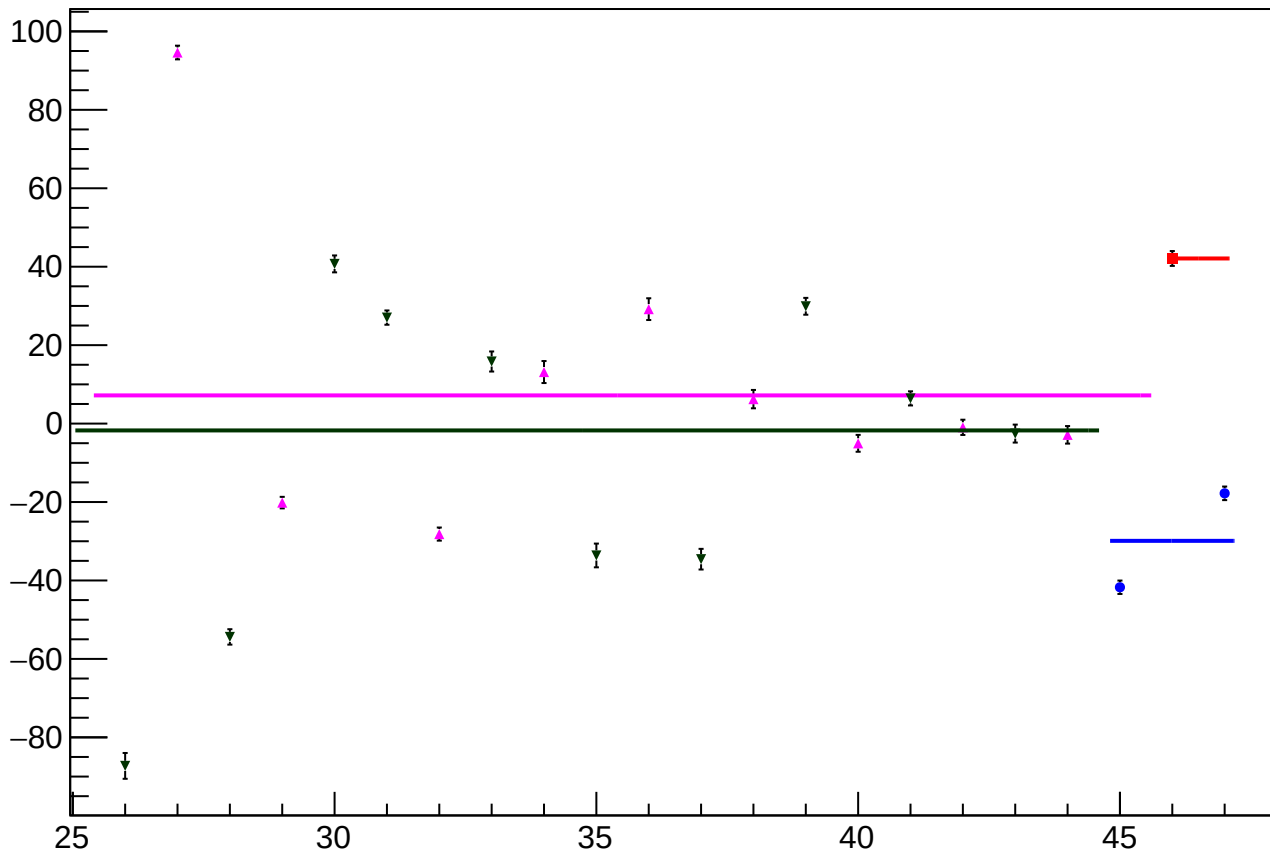
Left Out: 174.958 $\pm$ 0.106 χ^2 /NDF: 866358.0/9

Right Out: -262.528 $\pm$ 0.408 χ^2 /NDF: 0.0/0

Left In: -238.557 $\pm$ 0.118 χ^2 /NDF: 3005.9/8

1.643 $\pm$ 0.074 χ^2 /NDF: 9027165.6/21

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



Right In: -29.898+/-1.216 χ^2/NDF : 97.0/1

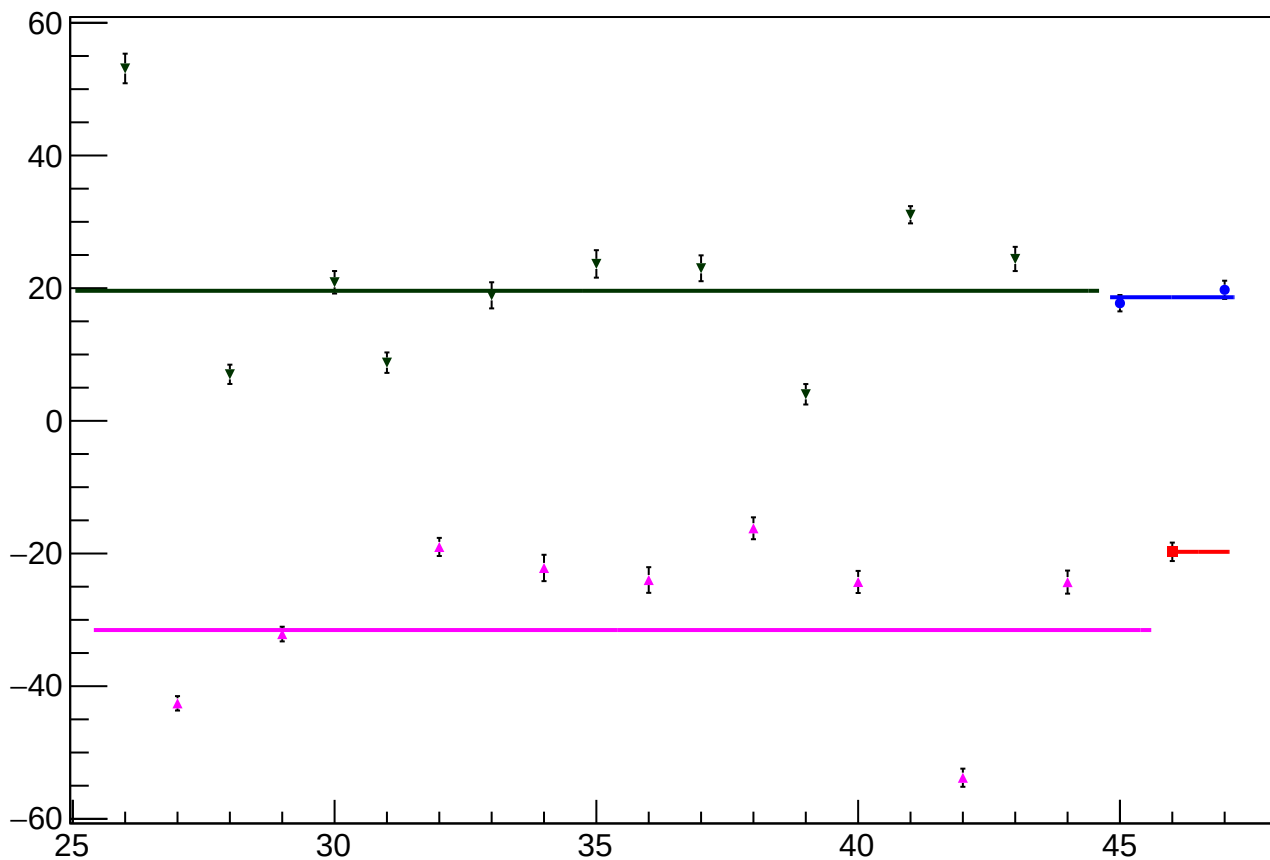
Left Out: -1.743+/-0.709 χ^2/NDF : 2580.4/9

Right Out: 42.100+/-1.895 χ^2/NDF : 0.0/0

Left In: 7.188+/-0.664 χ^2/NDF : 3435.5/8

0.834+/-0.438 χ^2/NDF : 7330.6/21

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



Right In: 18.633 $\pm$ 0.916 χ^2/NDF : 1.2/1

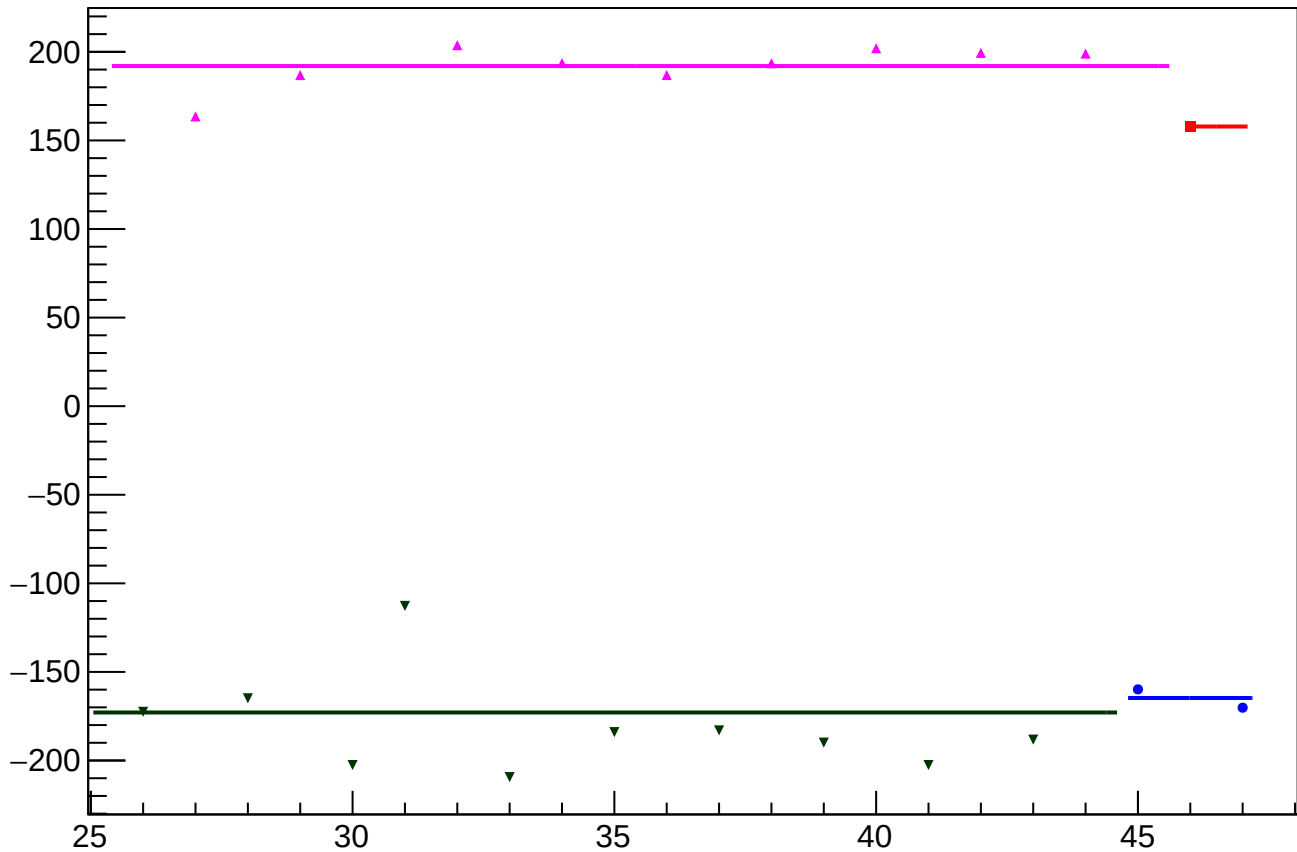
Left Out: 19.603 $\pm$ 0.534 χ^2/NDF : 544.7/9

Right Out: -19.745 $\pm$ 1.391 χ^2/NDF : 0.0/0

Left In: -31.535 $\pm$ 0.482 χ^2/NDF : 612.9/8

-5.793 $\pm$ 0.324 χ^2/NDF : 7092.2/21

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



Right In: -164.707+/-0.199 χ^2/NDF : 674.6/1

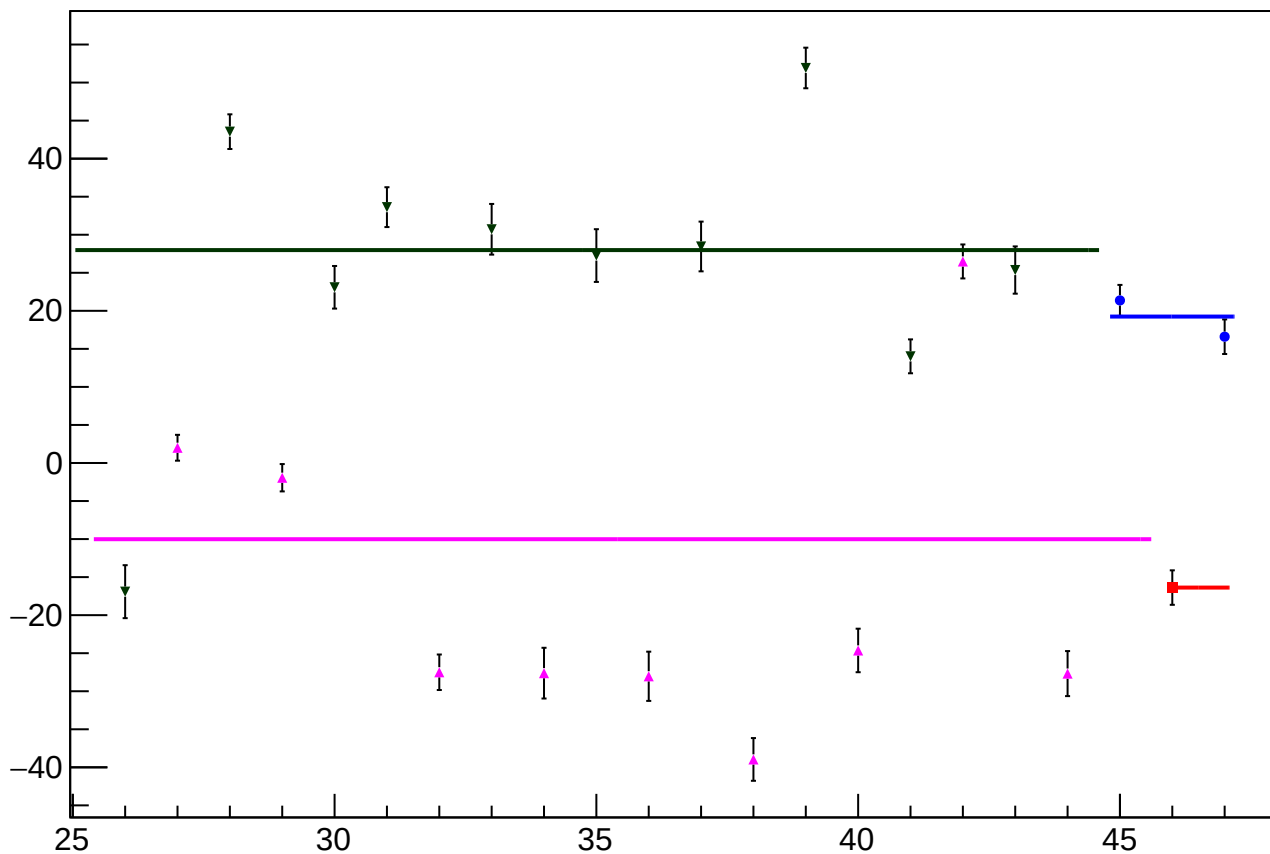
Left Out: -172.896+/-0.114 χ^2/NDF : 90309.1/9

Right Out: 157.861+/-0.285 χ^2/NDF : 0.0/0

Left In: 191.976+/-0.115 χ^2/NDF : 12393.0/8

-4.519+/-0.072 χ^2/NDF : 6197771.2/21

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



Right In: 19.245+/-1.517 χ^2 /NDF: 2.4/1

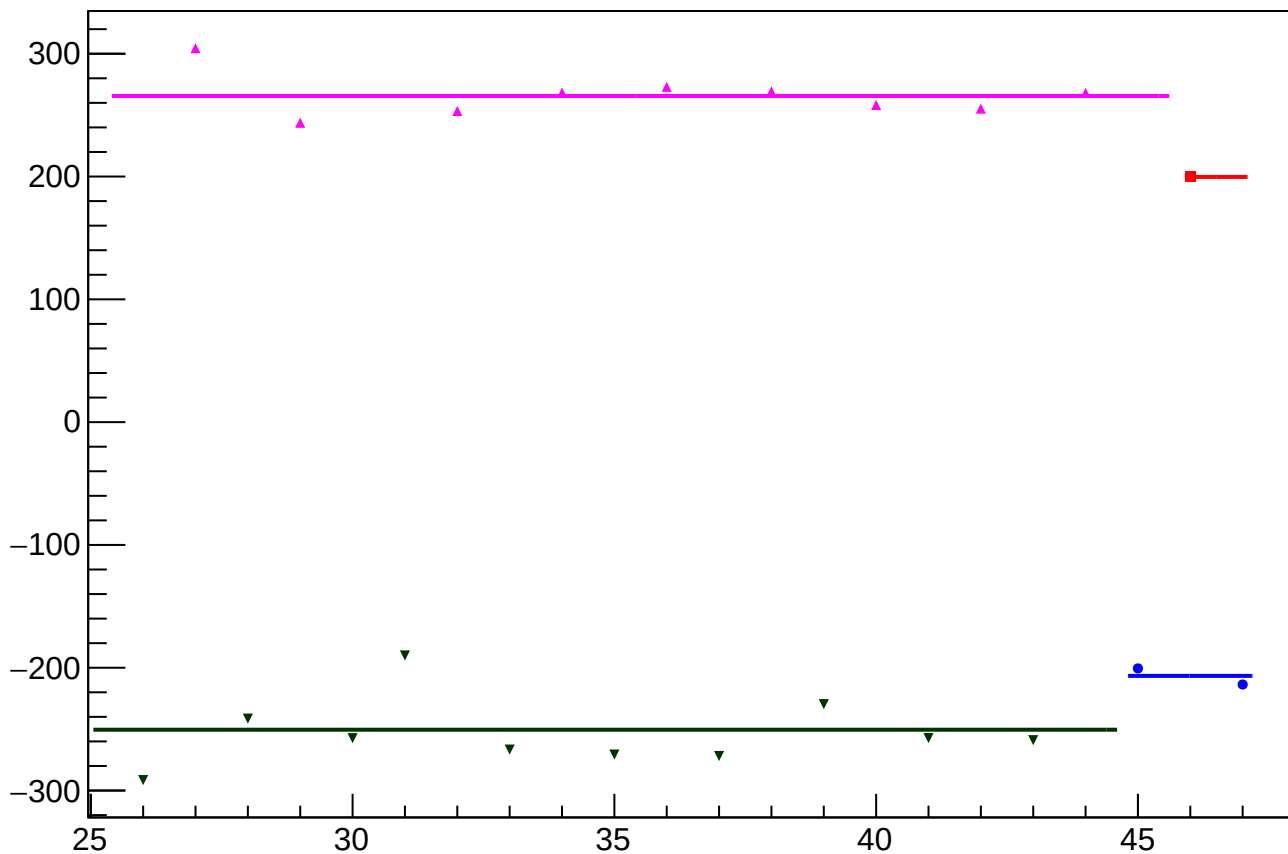
Left Out: 27.983+/-0.890 χ^2 /NDF: 341.9/9

Right Out: -16.376+/-2.266 χ^2 /NDF: 0.0/0

Left In: -10.018+/-0.793 χ^2 /NDF: 620.8/8

7.051+/-0.536 χ^2 /NDF: 2152.2/21

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



Right In: -206.628+/-0.299 χ^2/NDF : 478.0/1

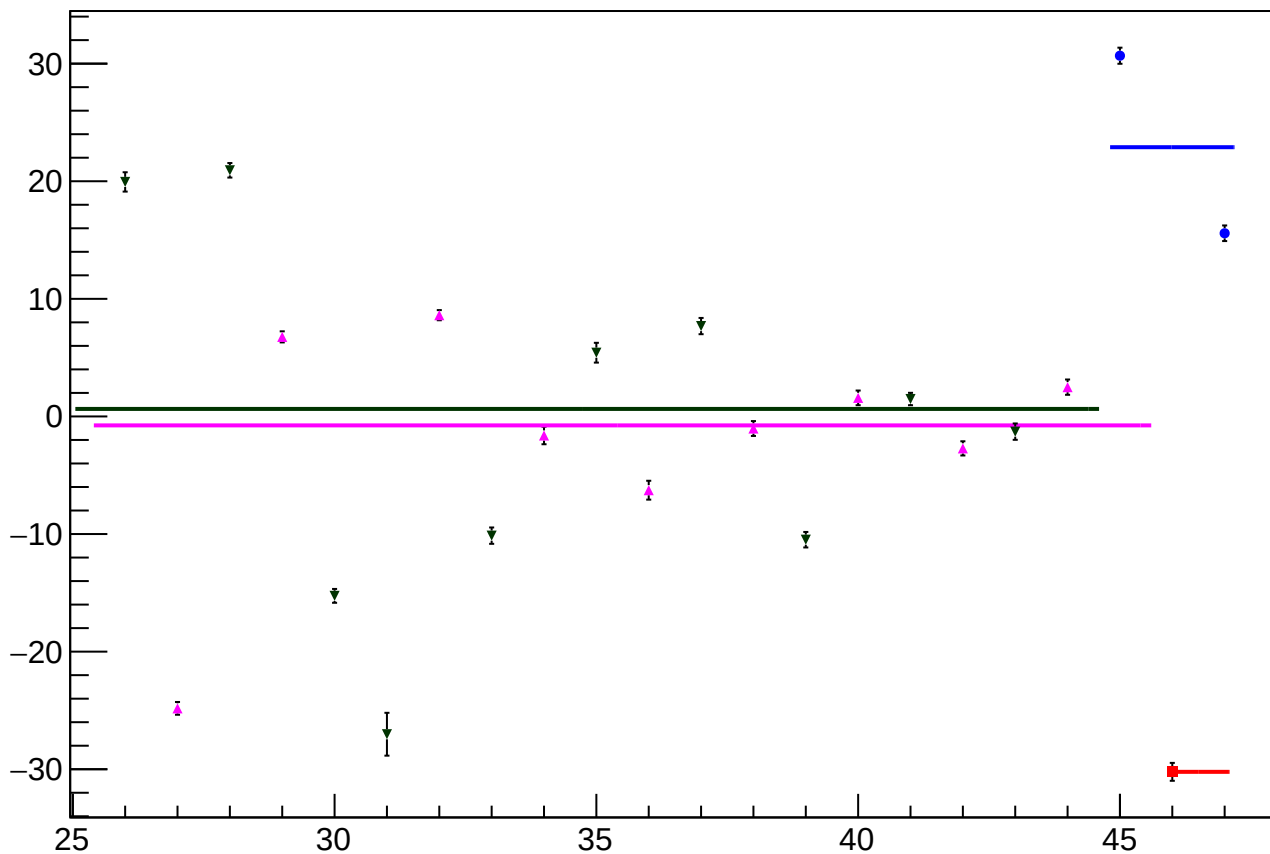
Left Out: -250.466+/-0.164 χ^2/NDF : 28122.4/9

Right Out: 199.677+/-0.446 χ^2/NDF : 0.0/0

Left In: 265.603+/-0.168 χ^2/NDF : 12152.3/8

-13.804+/-0.106 χ^2/NDF : 5536147.2/21

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



Right In: 22.895+/-0.477 χ^2/NDF : 250.6/1

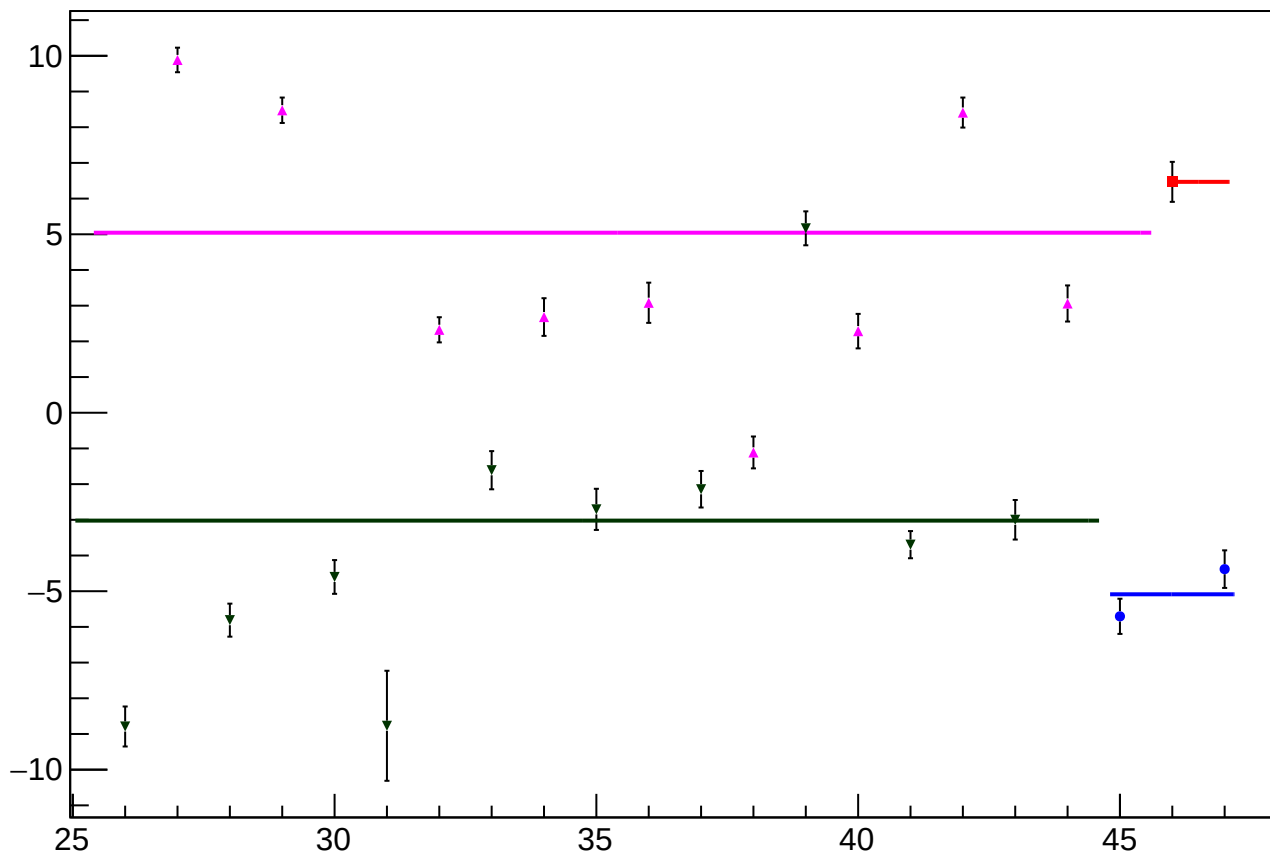
Left Out: 0.639+/-0.219 χ^2/NDF : 3258.0/9

Right Out: -30.222+/-0.762 χ^2/NDF : 0.0/0

Left In: -0.761+/-0.193 χ^2/NDF : 2789.0/8

0.775+/-0.136 χ^2/NDF : 10171.1/21

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



Right In: -5.086 ± 0.360 χ^2/NDF : 3.4/1

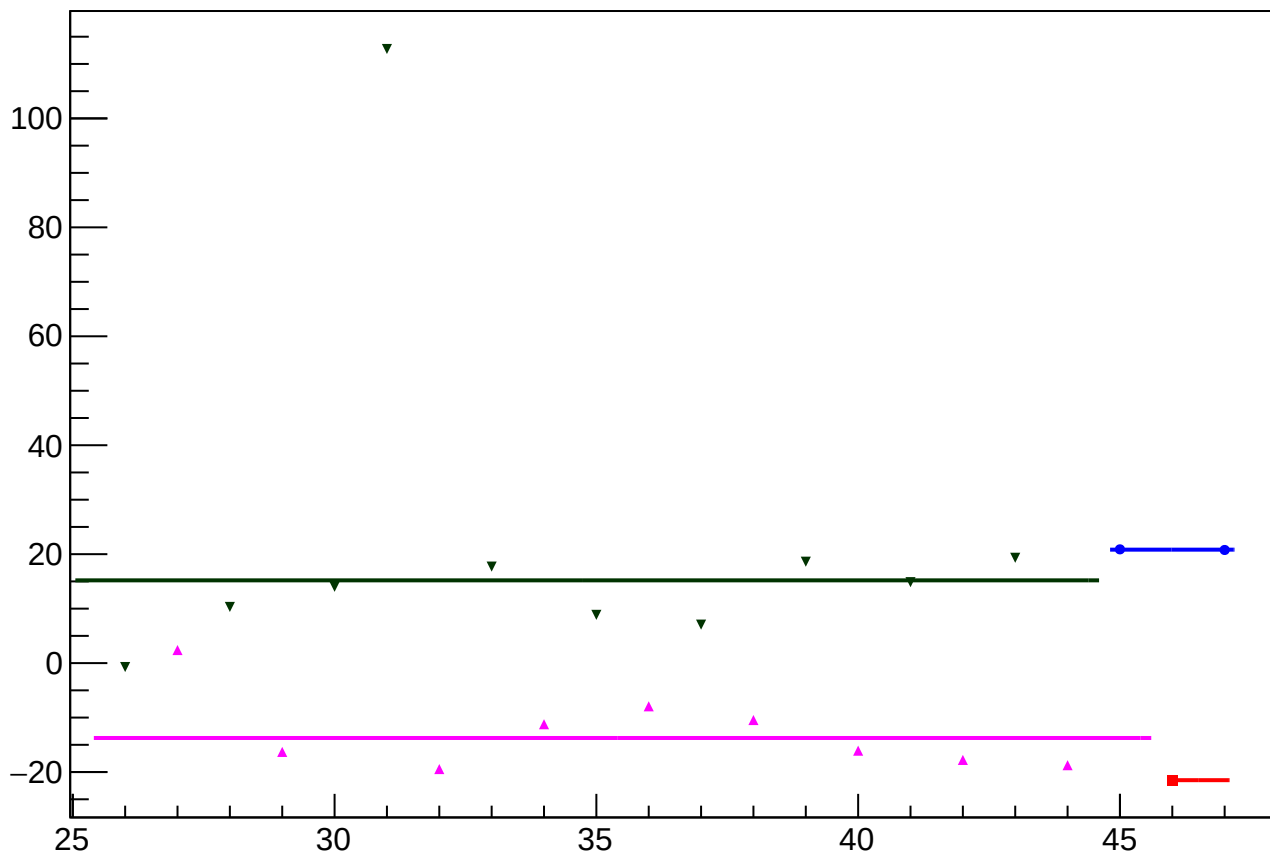
Left Out: -3.022 ± 0.163 χ^2/NDF : 477.3/9

Right Out: 6.469 ± 0.560 χ^2/NDF : 0.0/0

Left In: 5.044 ± 0.141 χ^2/NDF : 684.5/8

1.214 ± 0.101 χ^2/NDF : 2968.8/21

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



Right In: 20.829+/-0.078 χ^2/NDF : 0.5/1

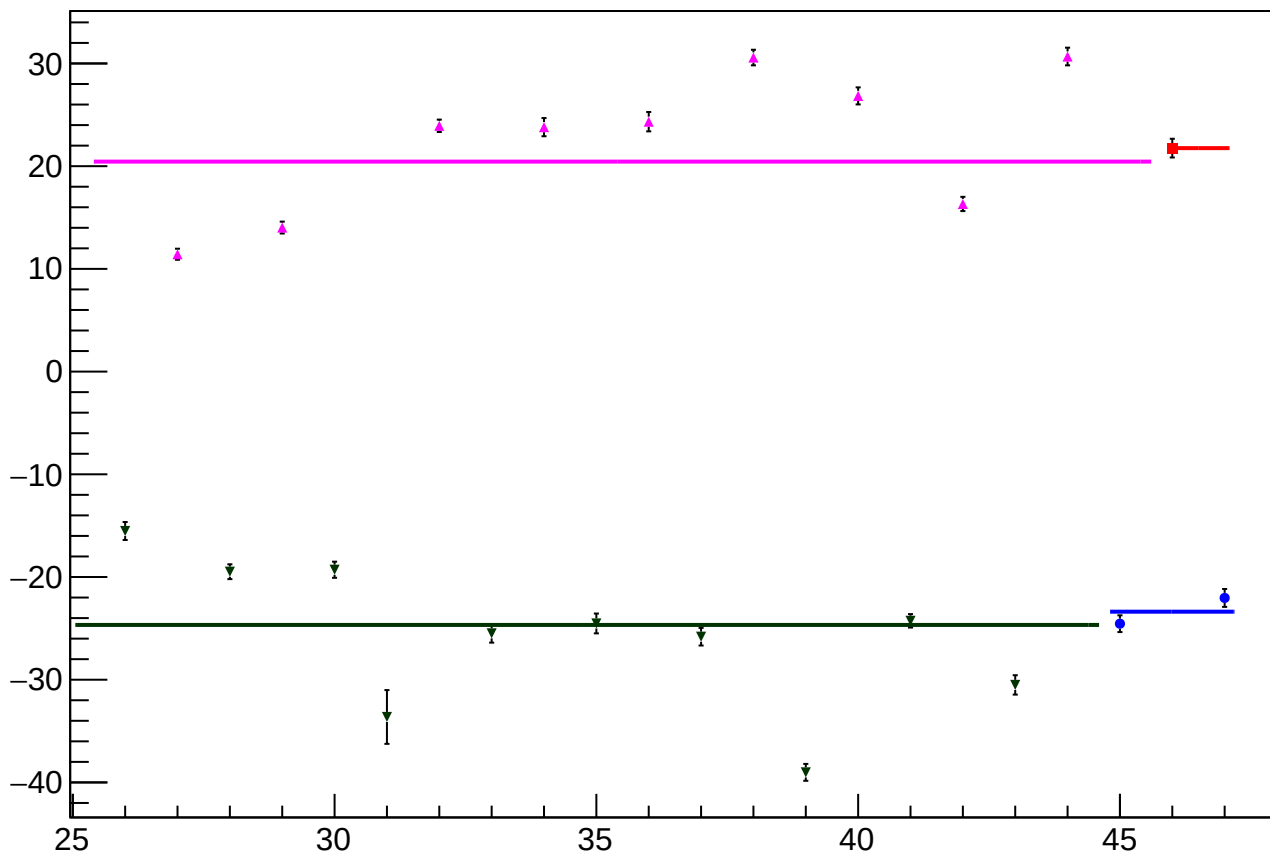
Left Out: 15.193+/-0.036 χ^2/NDF : 187459.6/9

0.302+/-0.023 χ^2/NDF : 691582.6/21

Right Out: -21.492+/-0.114 χ^2/NDF : 0.0/0

Left In: -13.747+/-0.033 χ^2/NDF : 44234.8/8

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



Right In: -23.376 ± 0.596 $\chi^2/\text{NDF}: 4.4/1$

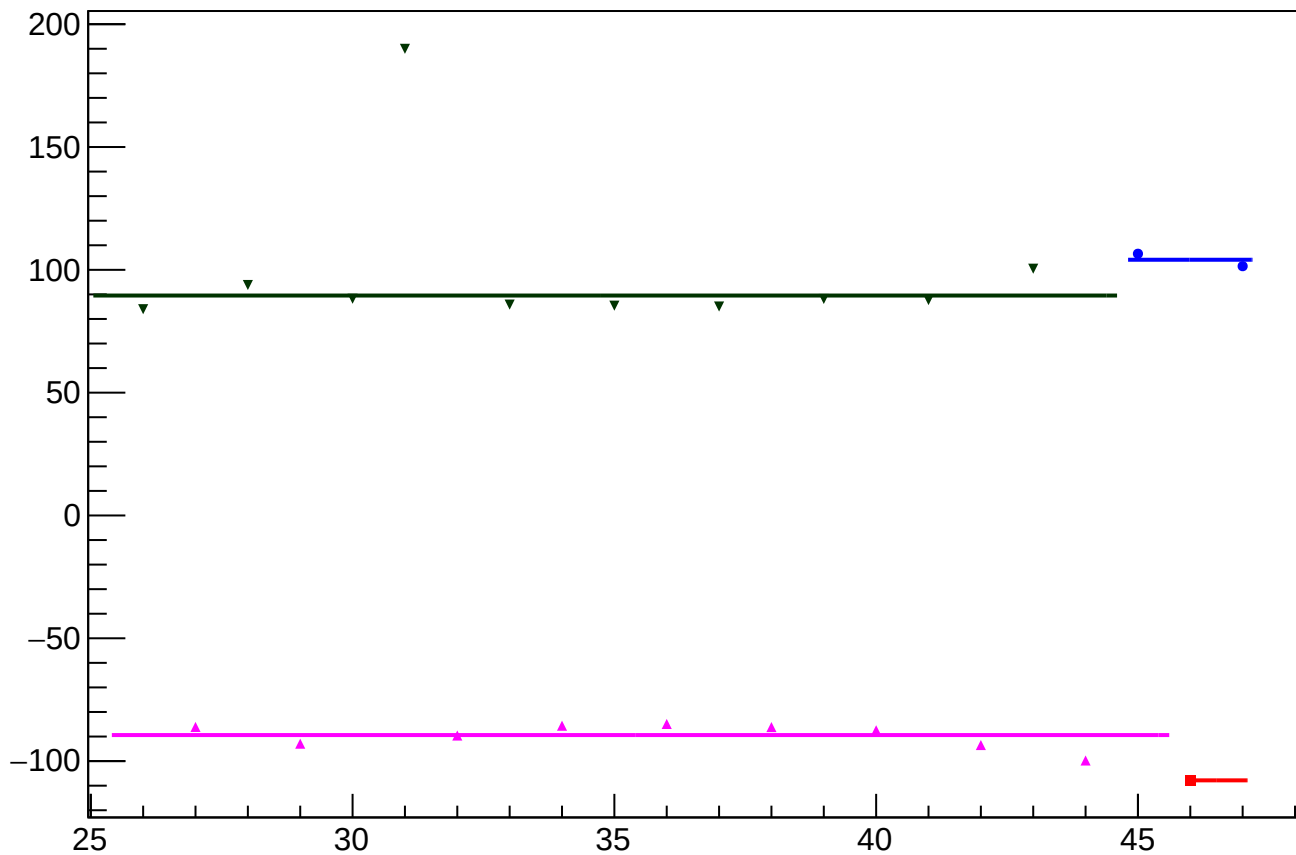
Left Out: -24.666 ± 0.271 $\chi^2/\text{NDF}: 565.7/9$

Right Out: 21.758 ± 0.912 $\chi^2/\text{NDF}: 0.0/0$

Left In: 20.445 ± 0.234 $\chi^2/\text{NDF}: 882.4/8$

-0.075 ± 0.167 $\chi^2/\text{NDF}: 19447.0/21$

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 104.105 ± 0.117 $\chi^2/\text{NDF}: 467.5/1$

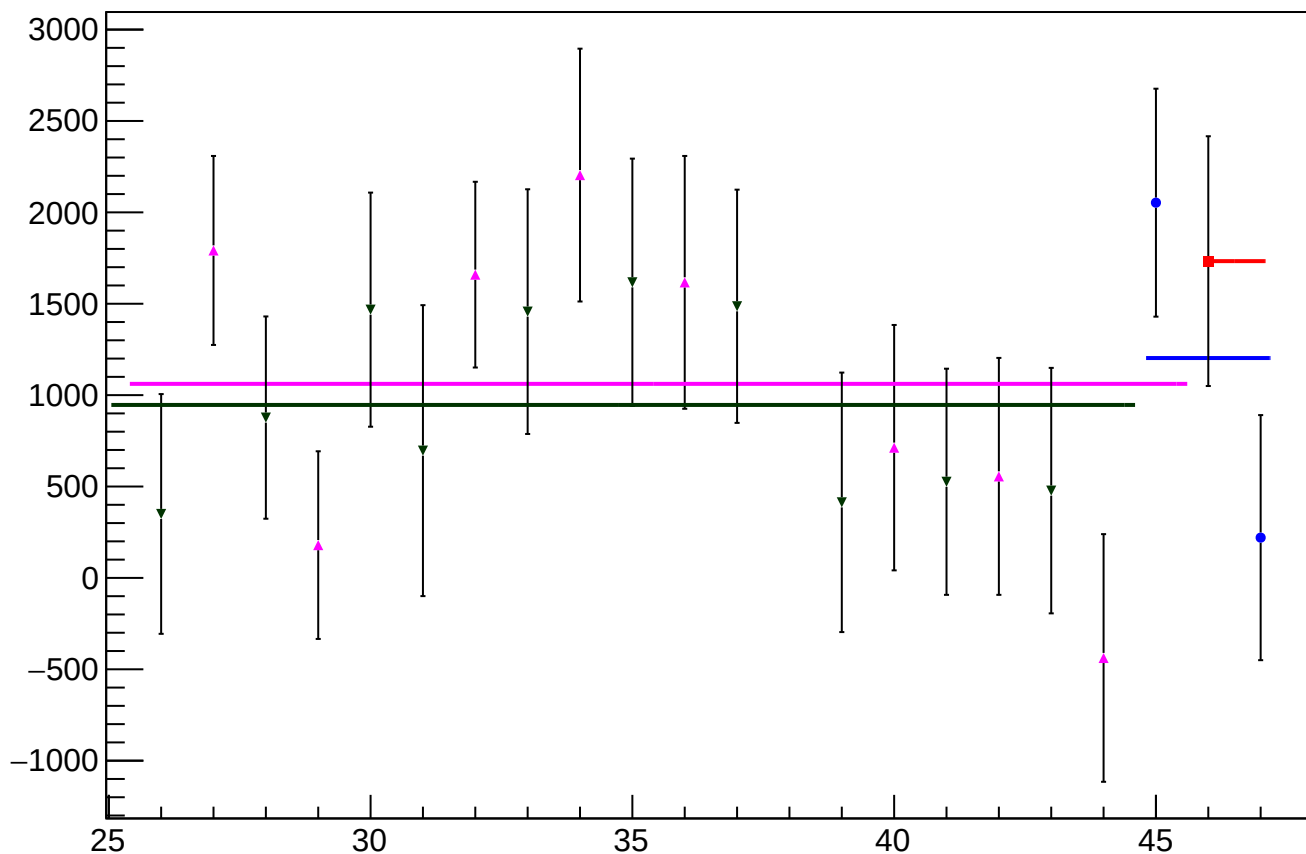
Left Out: 89.539 ± 0.050 $\chi^2/\text{NDF}: 54620.6/9$

Right Out: -107.836 ± 0.180 $\chi^2/\text{NDF}: 0.0/0$

Left In: -89.397 ± 0.049 $\chi^2/\text{NDF}: 7803.1/8$

3.678 ± 0.033 $\chi^2/\text{NDF}: 7798059.1/21$

reg_asym_atl1_mean vs slug



Right In: 1202.966 $\pm$ 456.604 $\chi^2/\text{NDF}: 4.0/1$

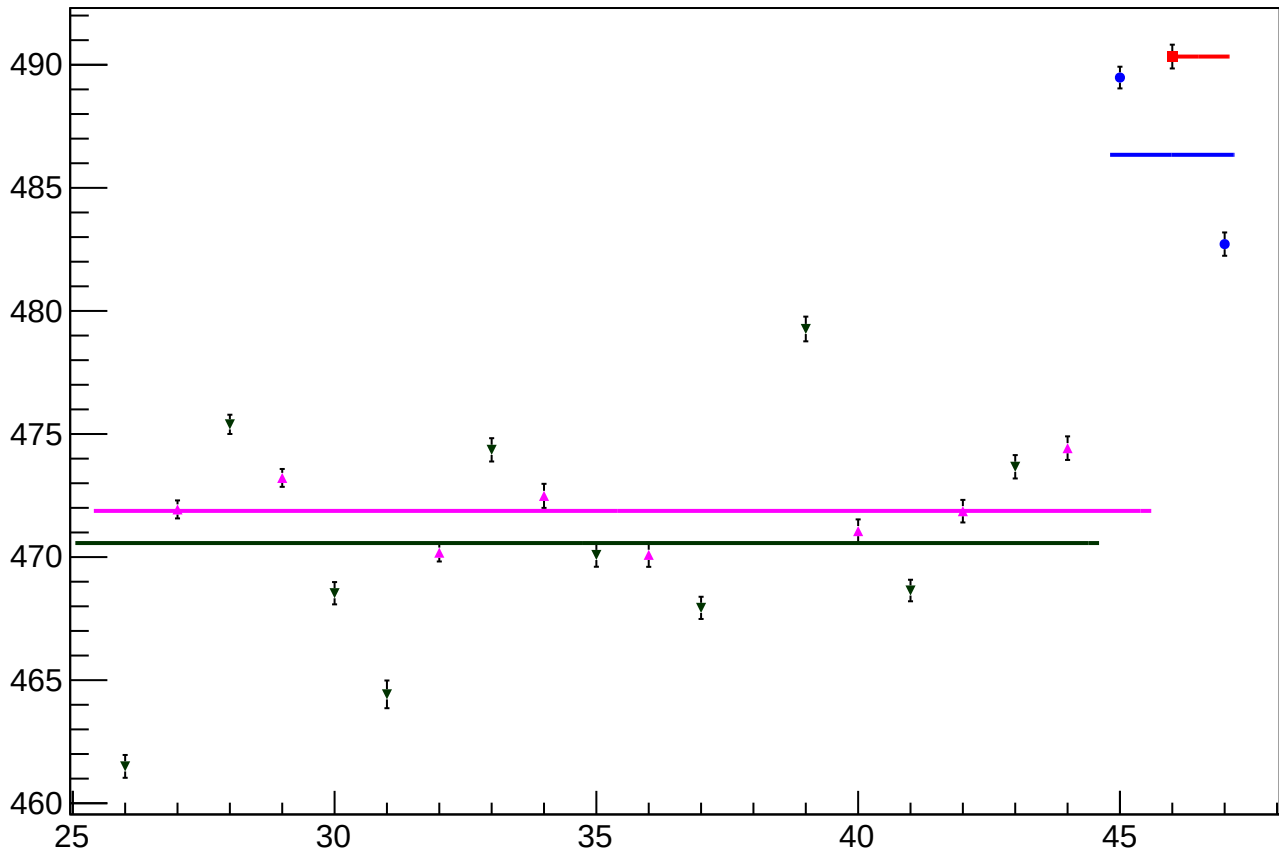
Left Out: 946.340 $\pm$ 207.194 $\chi^2/\text{NDF}: 5.4/9$

Right Out: 1733.141 $\pm$ 683.267 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1061.666 $\pm$ 211.442 $\chi^2/\text{NDF}: 15.5/7$

1050.822 $\pm$ 137.882 $\chi^2/\text{NDF}: 26.2/20$

reg_asym_atl1_rms vs slug



Right In: 486.343 $\pm$ 0.323 χ^2 /NDF: 109.2/1

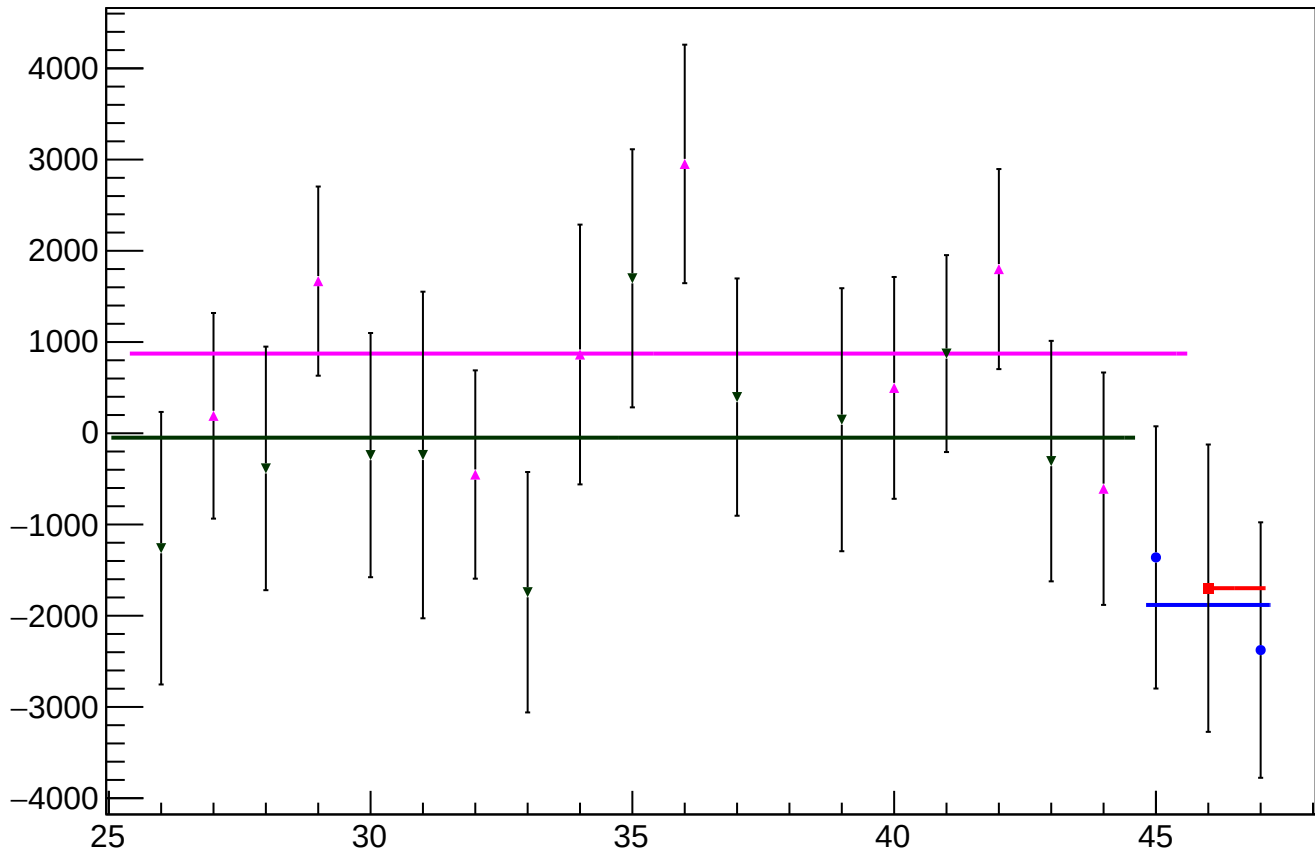
Left Out: 470.570 $\pm$ 0.147 χ^2 /NDF: 1135.4/9

Right Out: 490.334 $\pm$ 0.483 χ^2 /NDF: 0.0/0

Left In: 471.876 $\pm$ 0.150 χ^2 /NDF: 82.1/7

473.369 $\pm$ 0.097 χ^2 /NDF: 4639.0/20

asym_atl1_correction_mean vs slug



Right In: -1881.876+/-1002.945 χ^2/NDF : 0.3/1

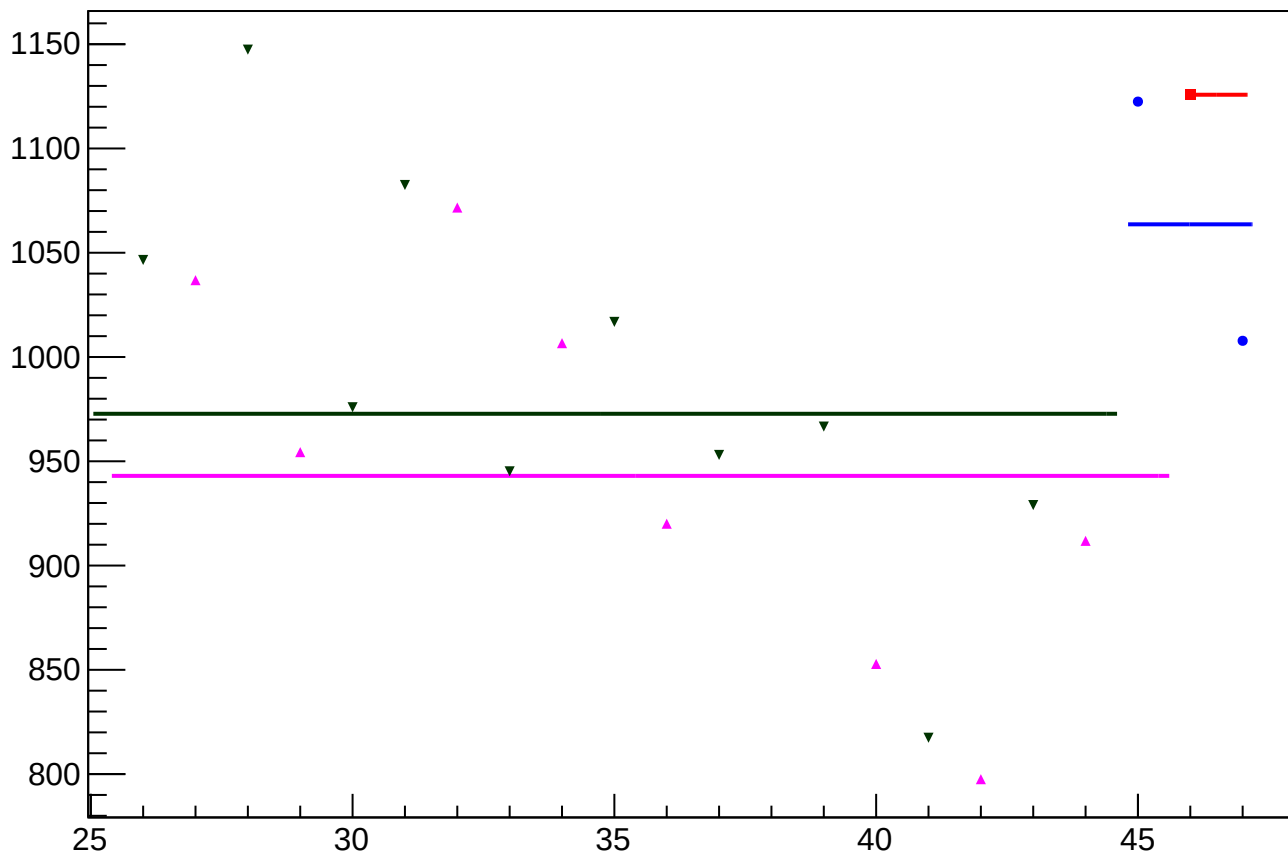
Left Out: -48.293+/-427.890 χ^2/NDF : 4.8/9

171.239+/-282.312 χ^2/NDF : 20.7/20

Right Out: -1698.141+/-1574.870 χ^2/NDF : 0.0/0

Left In: 873.395+/-419.297 χ^2/NDF : 7.0/7

asym_atl1_correction_rms vs slug



Right In: 1063.625 $\pm$ 0.709 χ^2 /NDF: 6535.0/1

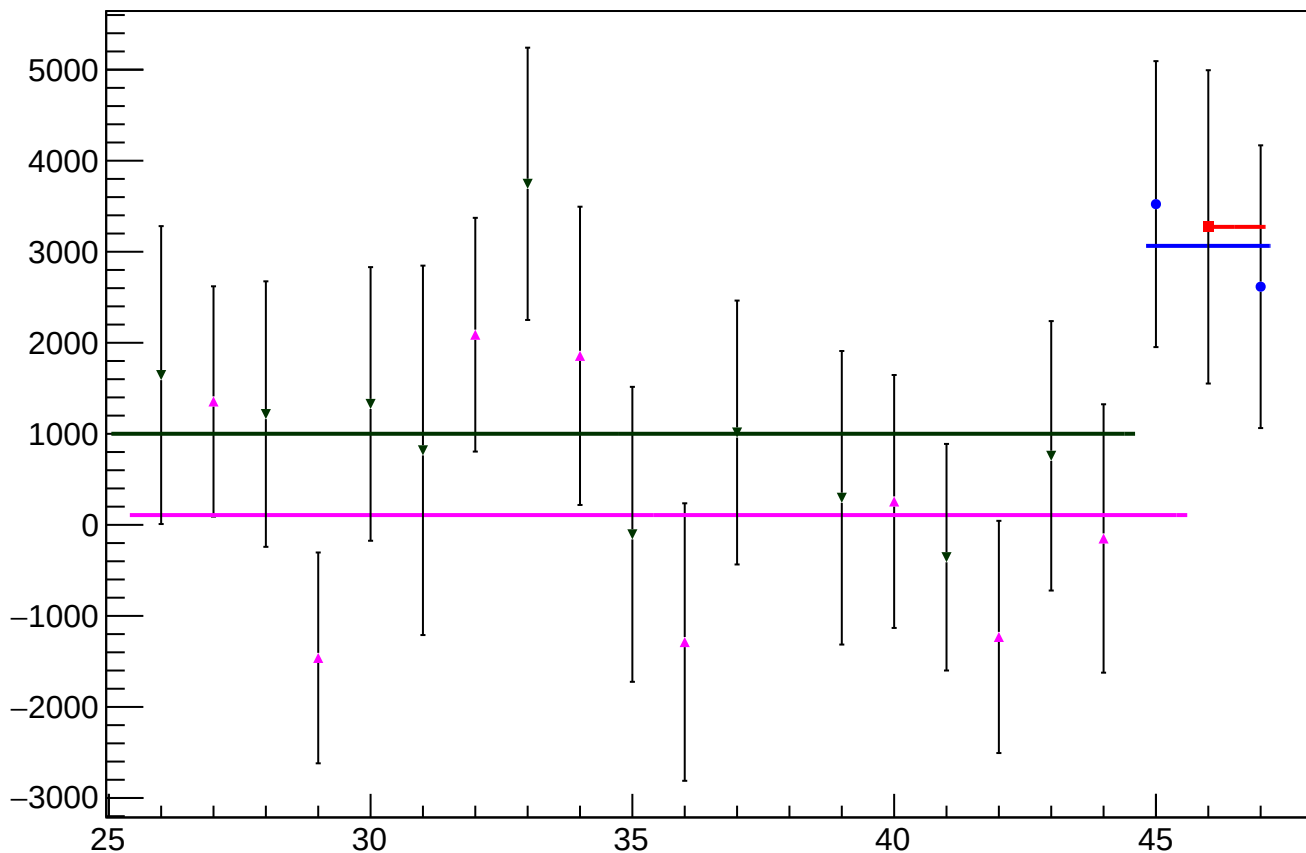
Left Out: 972.778 $\pm$ 0.303 χ^2 /NDF: 93572.5/9

Right Out: 1125.764 $\pm$ 1.114 χ^2 /NDF: 0.0/0

Left In: 943.004 $\pm$ 0.296 χ^2 /NDF: 91510.1/7

971.395 $\pm$ 0.200 χ^2 /NDF: 236936.8/20

asym_atl1_mean vs slug



Right In: 3064.454+/-1104.219 χ^2/NDF : 0.2/1

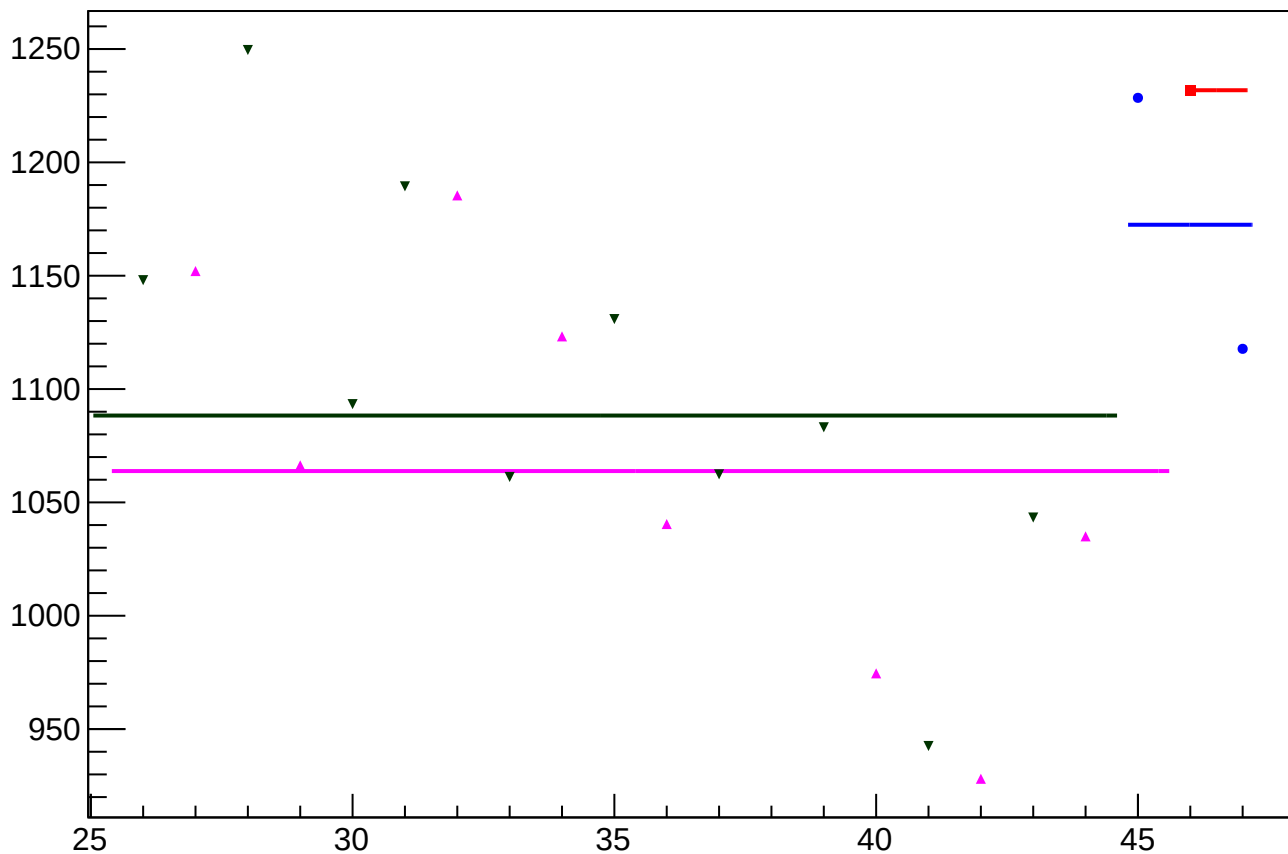
Left Out: 1000.567+/-481.078 χ^2/NDF : 5.5/9

Right Out: 3273.152+/-1720.824 χ^2/NDF : 0.0/0

Left In: 107.491+/-478.124 χ^2/NDF : 8.3/7

853.756+/-318.577 χ^2/NDF : 22.5/20

asym_atl1_rms vs slug



Right In: 1172.480 ± 0.781 χ^2/NDF : 5026.6/1

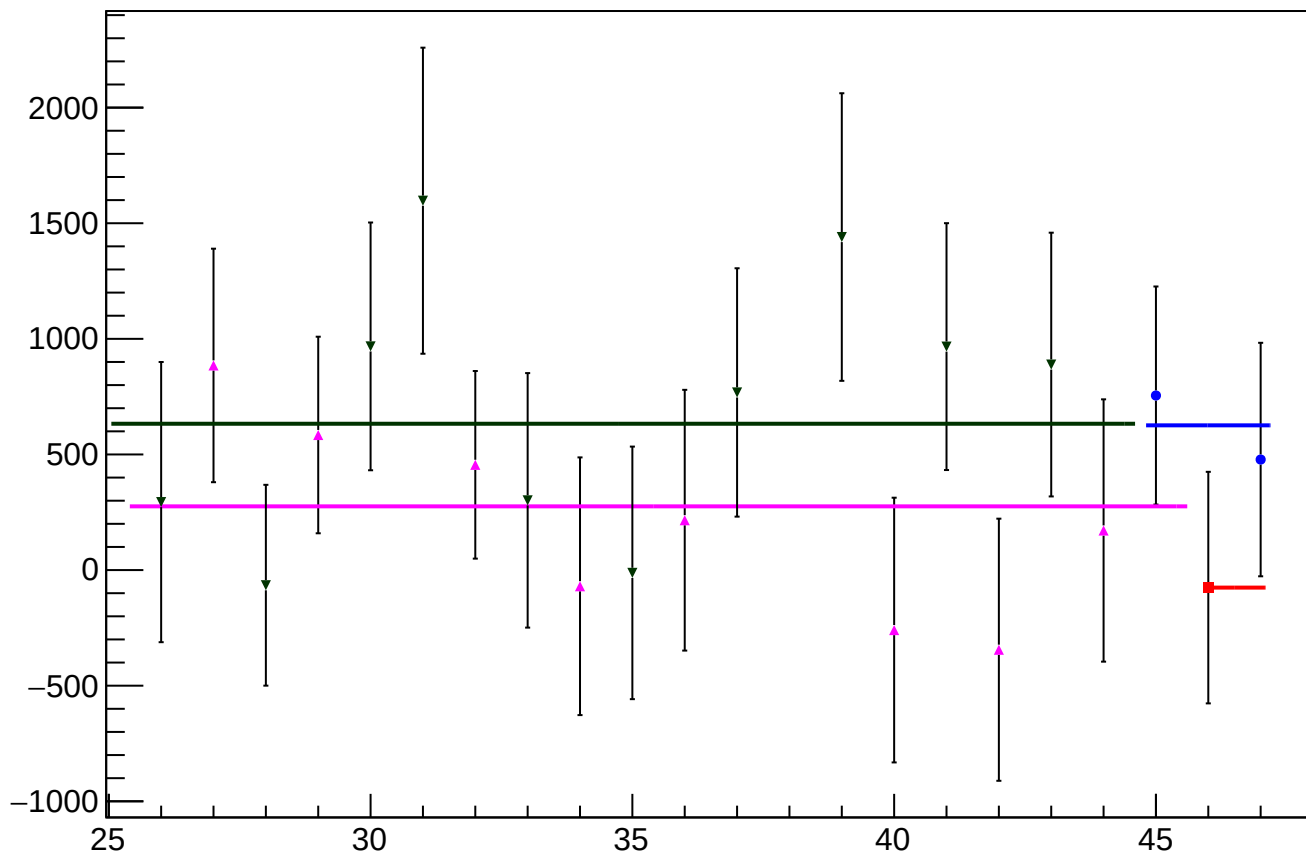
Left Out: 1088.314 ± 0.340 χ^2/NDF : 64102.3/9

Right Out: 1231.823 ± 1.217 χ^2/NDF : 0.0/0

Left In: 1063.822 ± 0.338 χ^2/NDF : 62470.9/7

1089.365 ± 0.225 χ^2/NDF : 162355.3/20

reg_asym_atl2_mean vs slug



Right In: 625.927+/-344.602 χ^2/NDF : 0.2/1

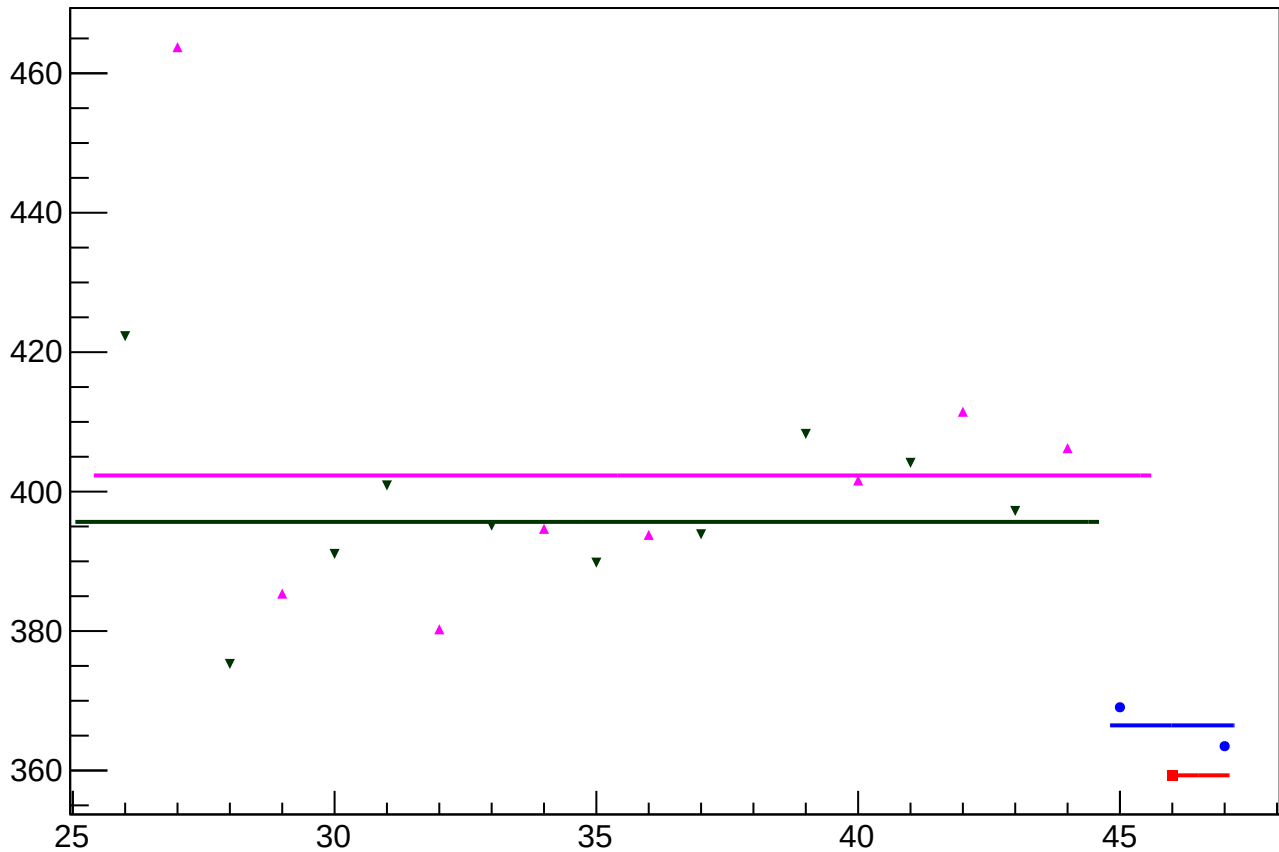
Left Out: 632.818+/-173.856 χ^2/NDF : 9.5/9

Right Out: -75.830+/-500.728 χ^2/NDF : 0.0/0

Left In: 275.571+/-179.114 χ^2/NDF : 4.7/7

449.943+/-114.210 χ^2/NDF : 17.8/20

reg_asym_atl2_rms vs slug



Right In: 366.470 $\pm$ 0.244 χ^2 /NDF: 130.5/1

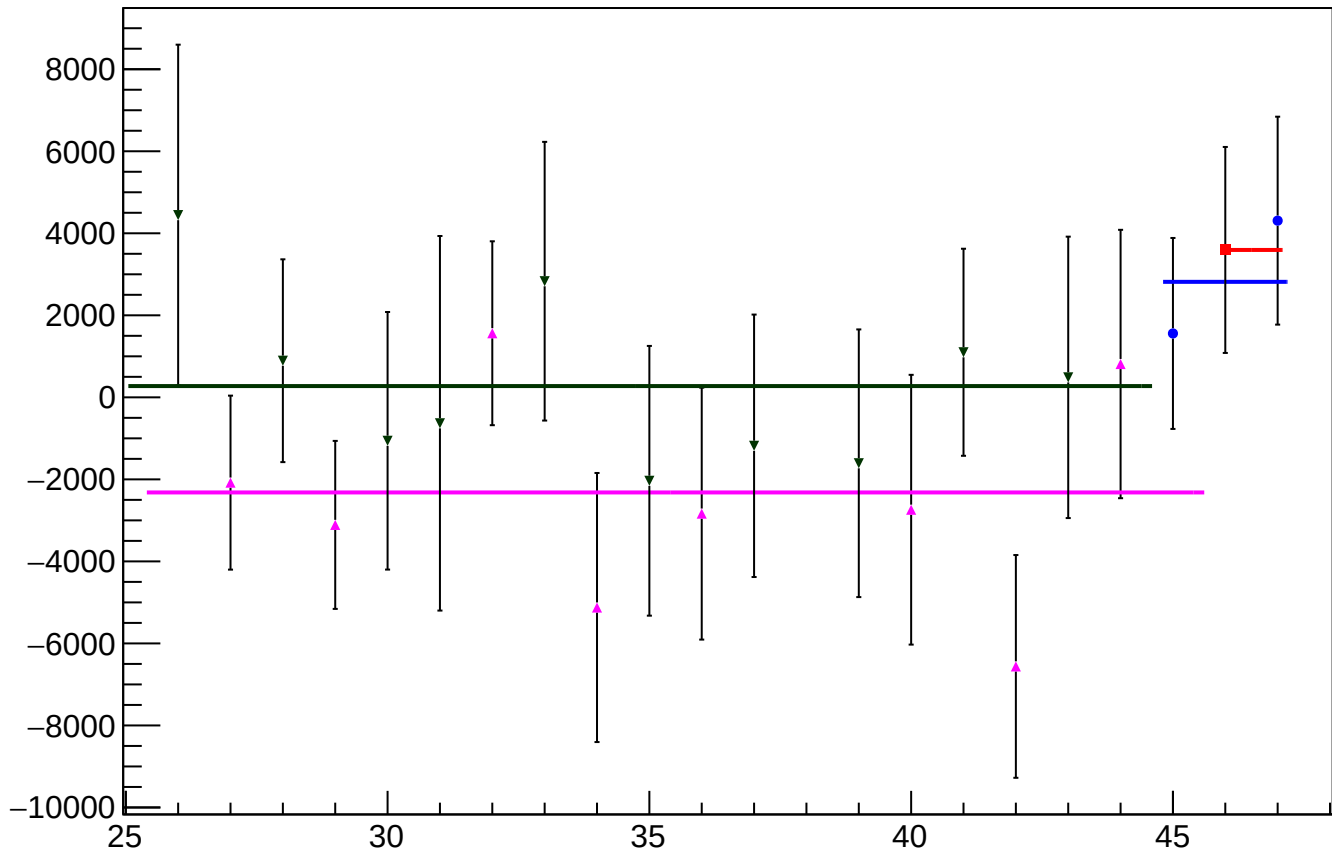
Left Out: 395.658 $\pm$ 0.123 χ^2 /NDF:10135.9/9

393.270 $\pm$ 0.081 χ^2 /NDF: 77193.6/20

Right Out: 359.307 $\pm$ 0.354 χ^2 /NDF: 0.0/0

Left In: 402.320 $\pm$ 0.127 χ^2 /NDF:40146.6/7

asym_atl2_correction_mean vs slug



Right In: 2816.092+/-1714.679 χ^2/NDF : 0.6/1

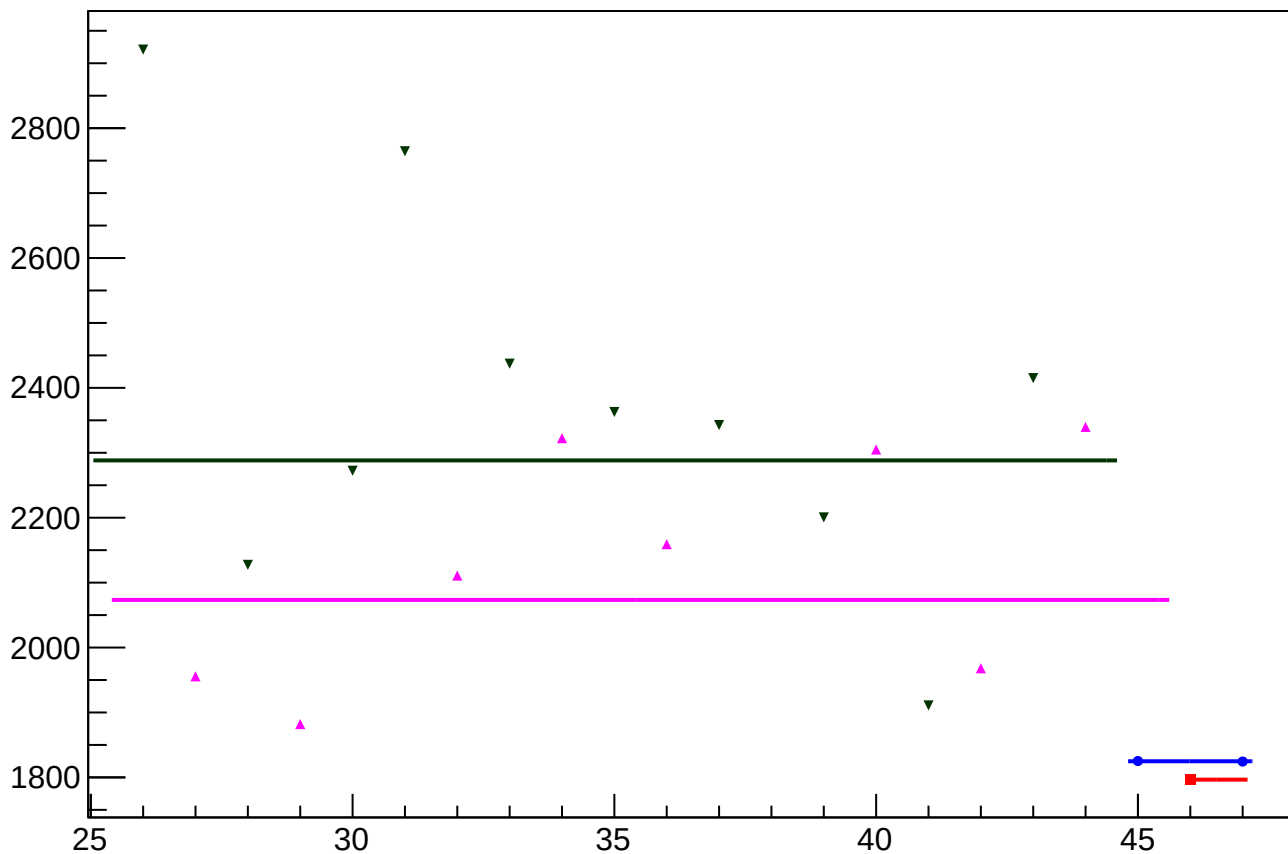
Left Out: 274.802+/-1008.389 χ^2/NDF : 3.0/9

-352.541+/-612.896 χ^2/NDF : 21.8/20

Right Out: 3593.719+/-2511.293 χ^2/NDF : 0.0/0

Left In: -2318.997+/-920.578 χ^2/NDF : 7.3/7

asym_atl2_correction_rms vs slug



Right In: 1824.848+/-1.212 χ^2/NDF : 0.1/1

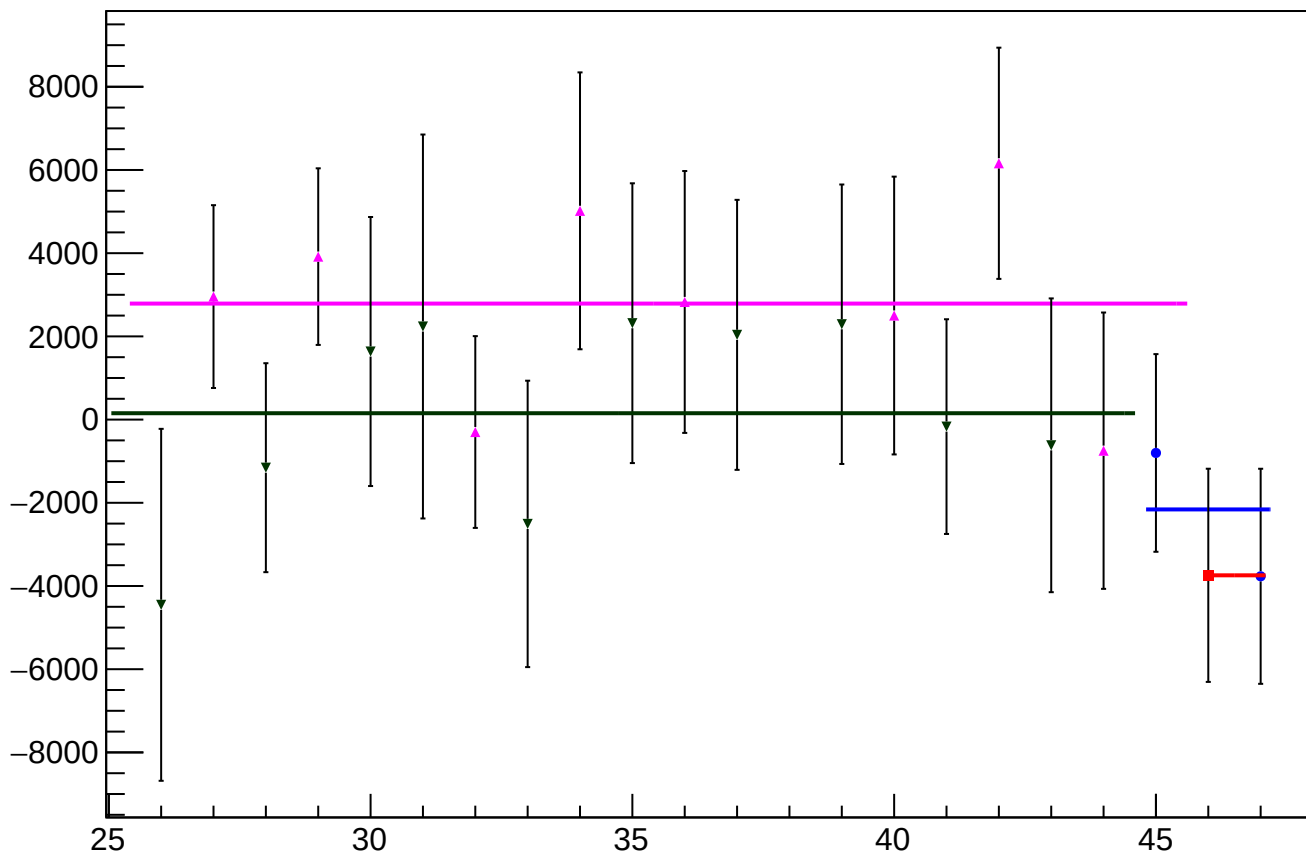
Left Out: 2288.236+/-0.713 χ^2/NDF : 130972.3/9

Right Out: 1796.533+/-1.776 χ^2/NDF : 0.0/0

Left In: 2073.380+/-0.651 χ^2/NDF : 63452.8/7

2104.508+/-0.433 χ^2/NDF : 346386.4/20

asym_atl2_mean vs slug



Right In: -2159.361+/-1749.151 χ^2/NDF : 0.7/1

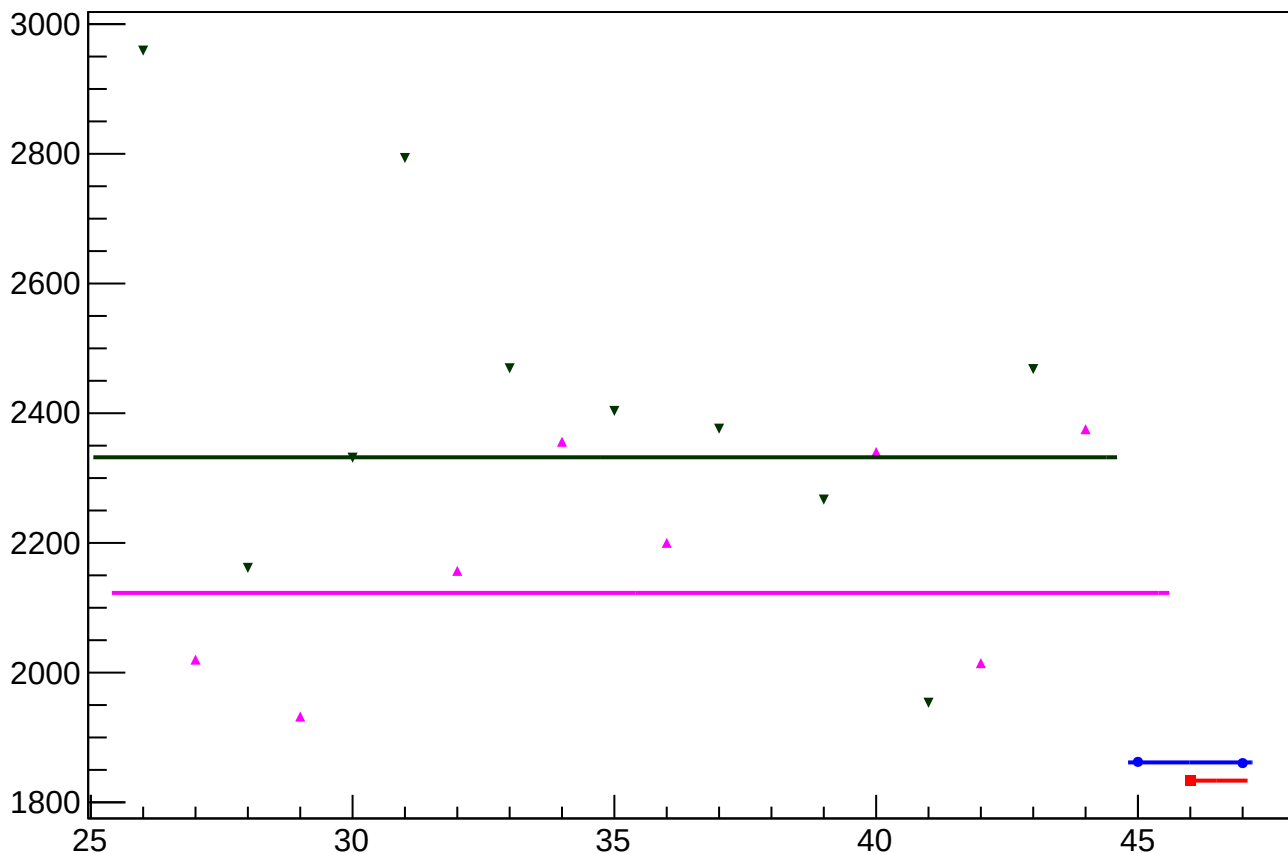
Left Out: 153.091+/-1029.303 χ^2/NDF : 3.7/9

Right Out: -3743.237+/-2562.163 χ^2/NDF : 0.0/0

Left In: 2788.434+/-945.564 χ^2/NDF : 5.1/7

781.915+/-627.270 χ^2/NDF : 20.4/20

asym_atl2_rms vs slug



Right In: 1861.522+/-1.237 χ^2/NDF : 0.6/1

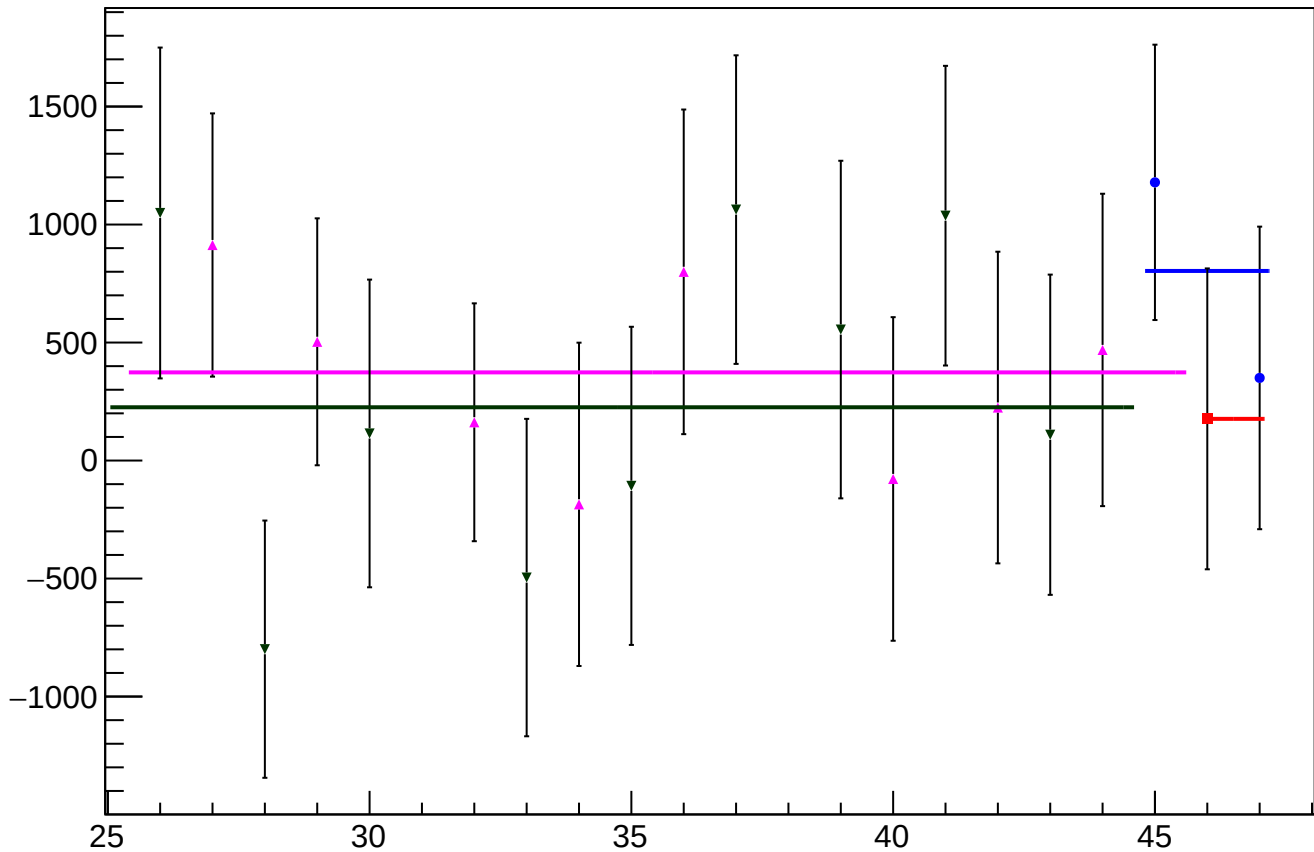
Left Out: 2332.054+/-0.728 χ^2/NDF :124387.7/9

Right Out: 1833.455+/-1.812 χ^2/NDF : 0.0/0

Left In: 2122.937+/-0.669 χ^2/NDF :55033.1/7

2149.630+/-0.444 χ^2/NDF : 328553.5/20

reg_asym_atr1_mean vs slug



Right In: 803.379+/-431.457 χ^2/NDF : 0.9/1

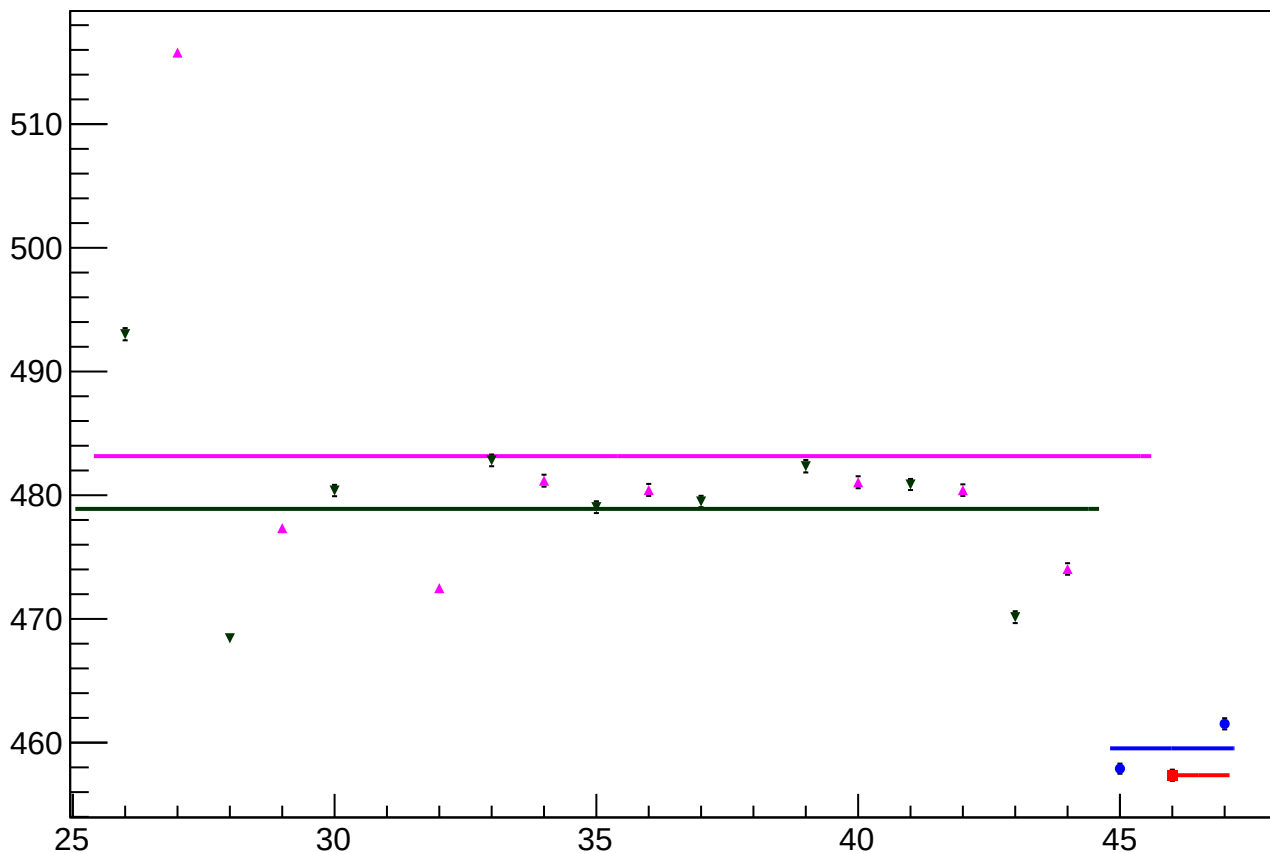
Left Out: 225.737+/-217.621 χ^2/NDF : 9.9/8

Right Out: 176.619+/-637.451 χ^2/NDF : 0.0/0

Left In: 373.555+/-214.394 χ^2/NDF : 2.7/7

347.977+/-140.436 χ^2/NDF : 15.0/19

reg_asym_atr1_rms vs slug



Right In: 459.538 $\pm$ 0.305 χ^2 /NDF: 35.0/1

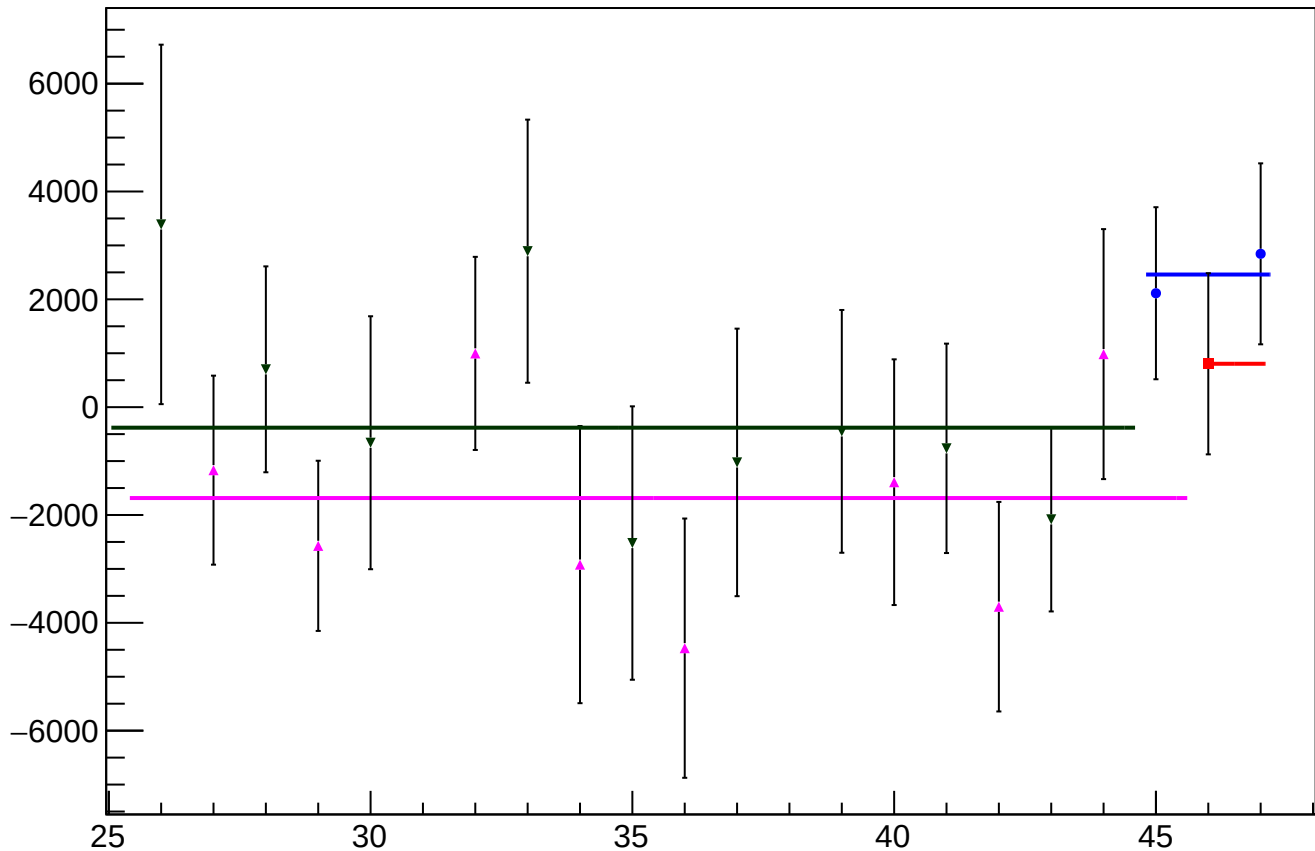
Left Out: 478.896 $\pm$ 0.154 χ^2 /NDF: 2027.3/8

Right Out: 457.365 $\pm$ 0.451 χ^2 /NDF: 0.0/0

Left In: 483.160 $\pm$ 0.152 χ^2 /NDF: 8470.4/7

477.630 $\pm$ 0.099 χ^2 /NDF: 17468.8/19

asym_atr1_correction_mean vs slug



Right In: 2460.011 $\pm$ 1156.377 χ^2/NDF : 0.1/1

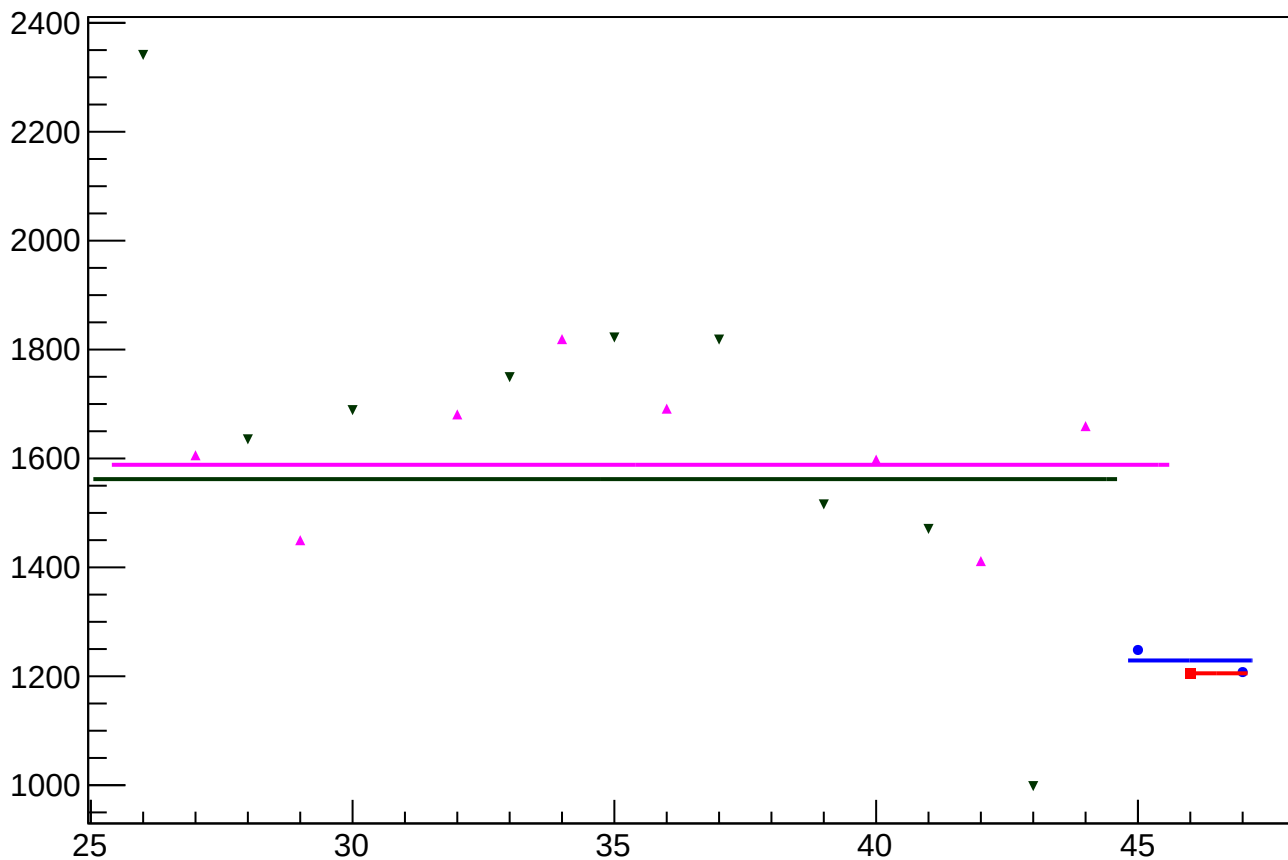
Left Out: -380.627 $\pm$ 737.802 χ^2/NDF : 5.2/8

Right Out: 804.718 $\pm$ 1680.301 χ^2/NDF : 0.0/0

Left In: -1685.614 $\pm$ 705.946 χ^2/NDF : 6.6/7

-395.677 $\pm$ 449.665 χ^2/NDF : 21.9/19

asym_atr1_correction_rms vs slug



Right In: 1229.035+/-0.818 χ^2/NDF : 615.1/1

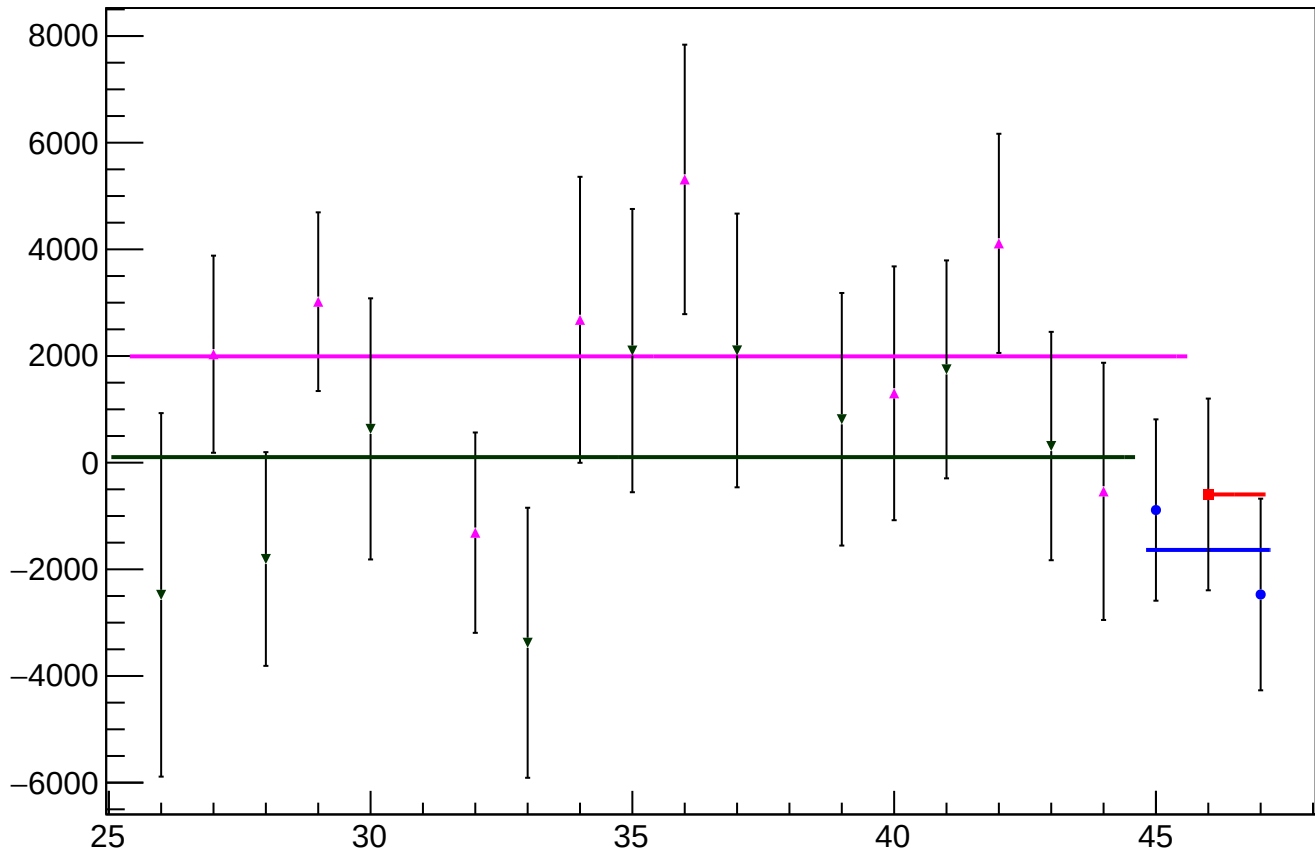
Left Out: 1562.083+/-0.522 χ^2/NDF : 395343.8/8

Right Out: 1205.445+/-1.188 χ^2/NDF : 0.0/0

Left In: 1588.387+/-0.499 χ^2/NDF : 59225.5/7

1496.854+/-0.318 χ^2/NDF : 671872.4/19

asym_atr1_mean vs slug



Right In: -1636.277 ± 1235.070 $\chi^2/\text{NDF}: 0.4/1$

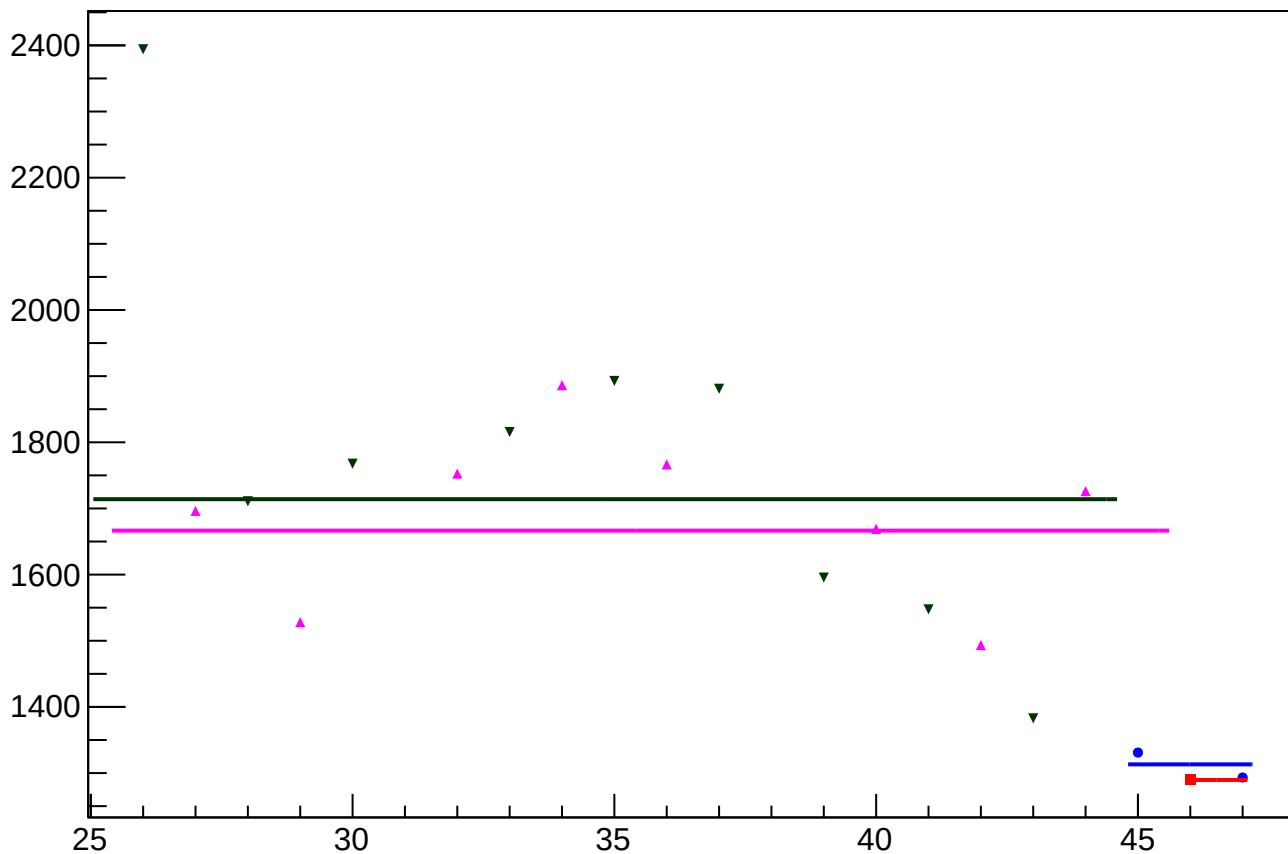
Left Out: 103.969 ± 793.692 $\chi^2/\text{NDF}: 5.3/8$

577.733 ± 478.582 $\chi^2/\text{NDF}: 20.9/19$

Right Out: -595.925 ± 1797.484 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1993.066 ± 742.569 $\chi^2/\text{NDF}: 7.5/7$

asym_atr1_rms vs slug



Right In: 1313.168+/-0.873 χ^2/NDF : 464.7/1

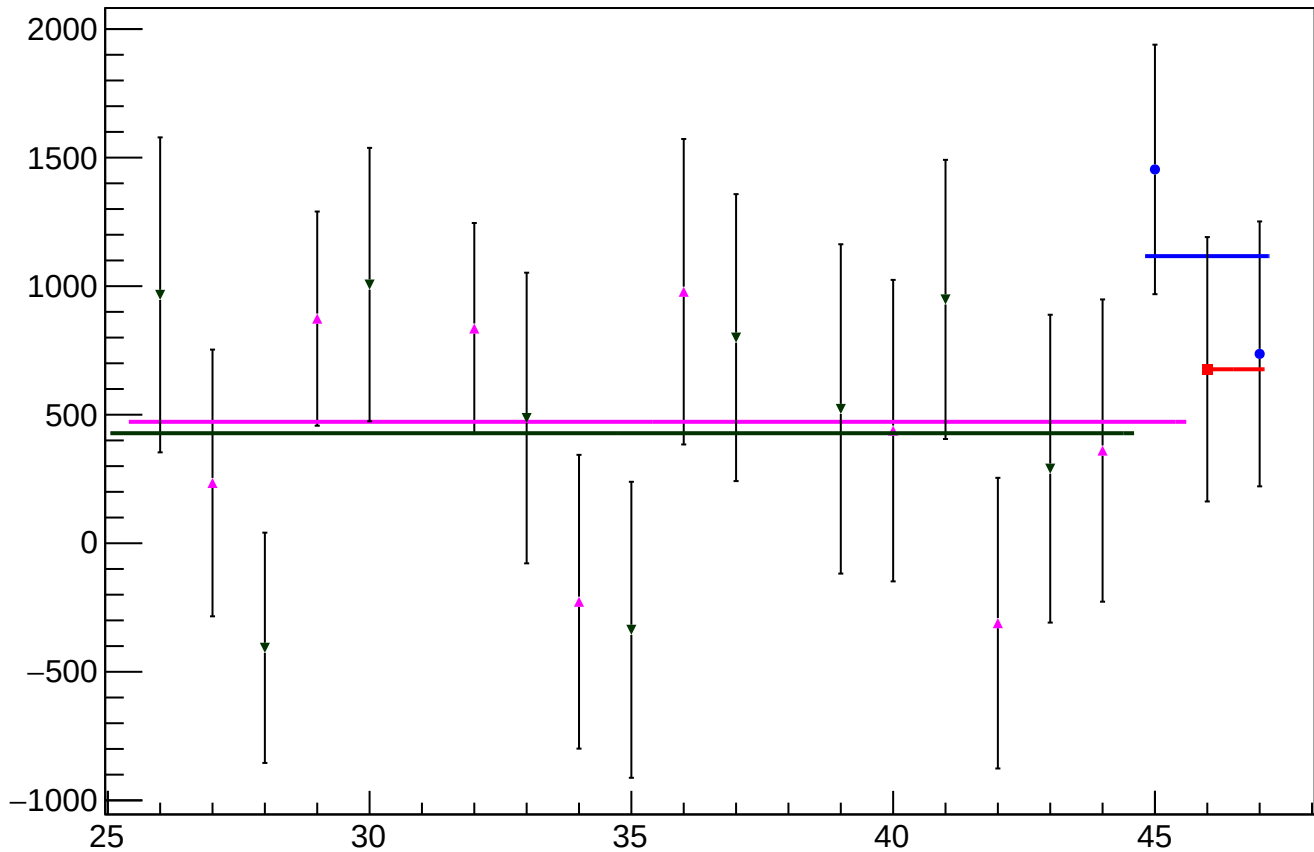
Left Out: 1713.999+/-0.561 χ^2/NDF : 167493.6/8

Right Out: 1289.591+/-1.271 χ^2/NDF : 0.0/0

Left In: 1666.432+/-0.525 χ^2/NDF : 50356.8/7

1603.970+/-0.338 χ^2/NDF : 442958.7/19

reg_asym_atr2_mean vs slug



Right In: 1116.793 $\pm$ 353.239 χ^2/NDF : 1.0/1

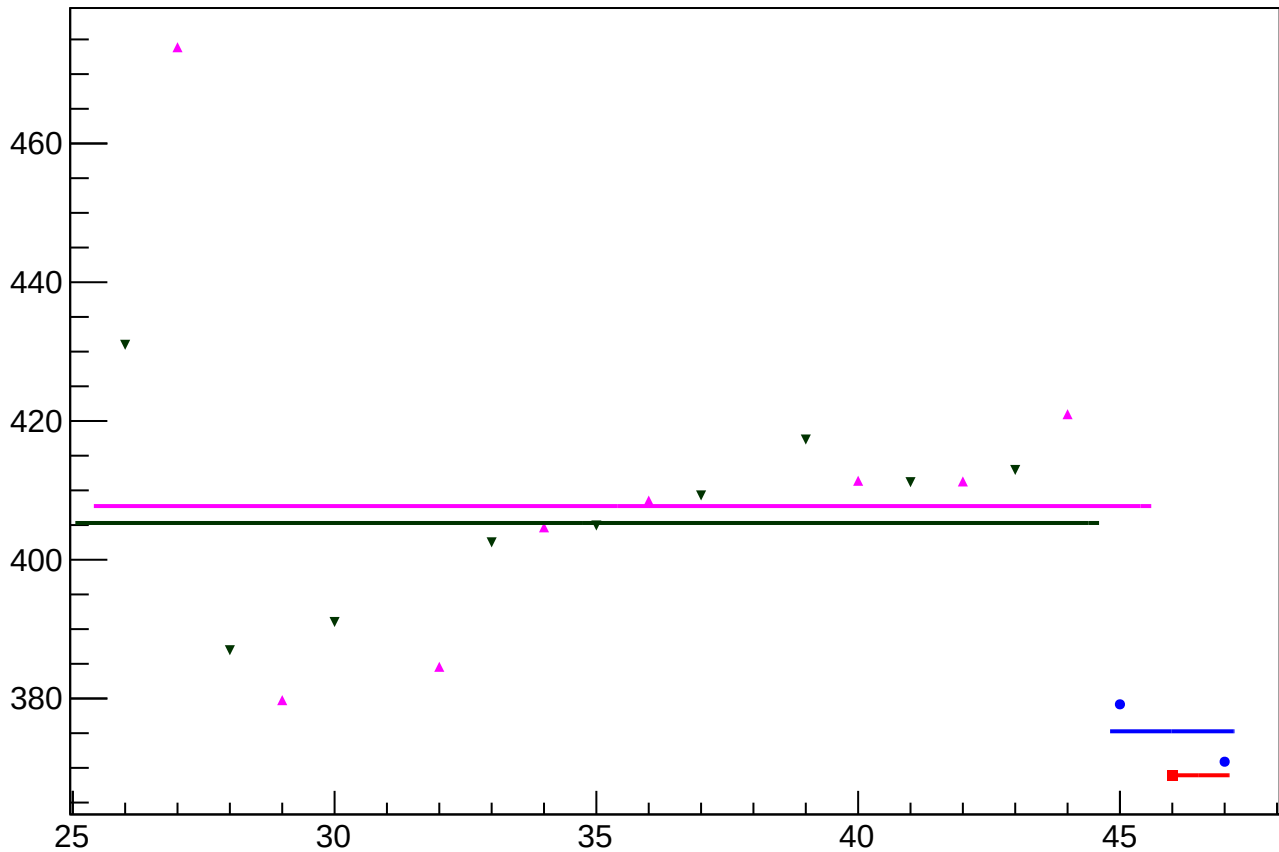
Left Out: 428.042 $\pm$ 185.168 χ^2/NDF : 8.6/8

Right Out: 676.721 $\pm$ 514.164 χ^2/NDF : 0.0/0

Left In: 472.346 $\pm$ 181.832 χ^2/NDF : 6.1/7

537.587 $\pm$ 118.505 χ^2/NDF : 19.0/19

reg_asym_atr2_rms vs slug



Right In: 375.272 $\pm$ 0.250 χ^2 /NDF: 273.2/1

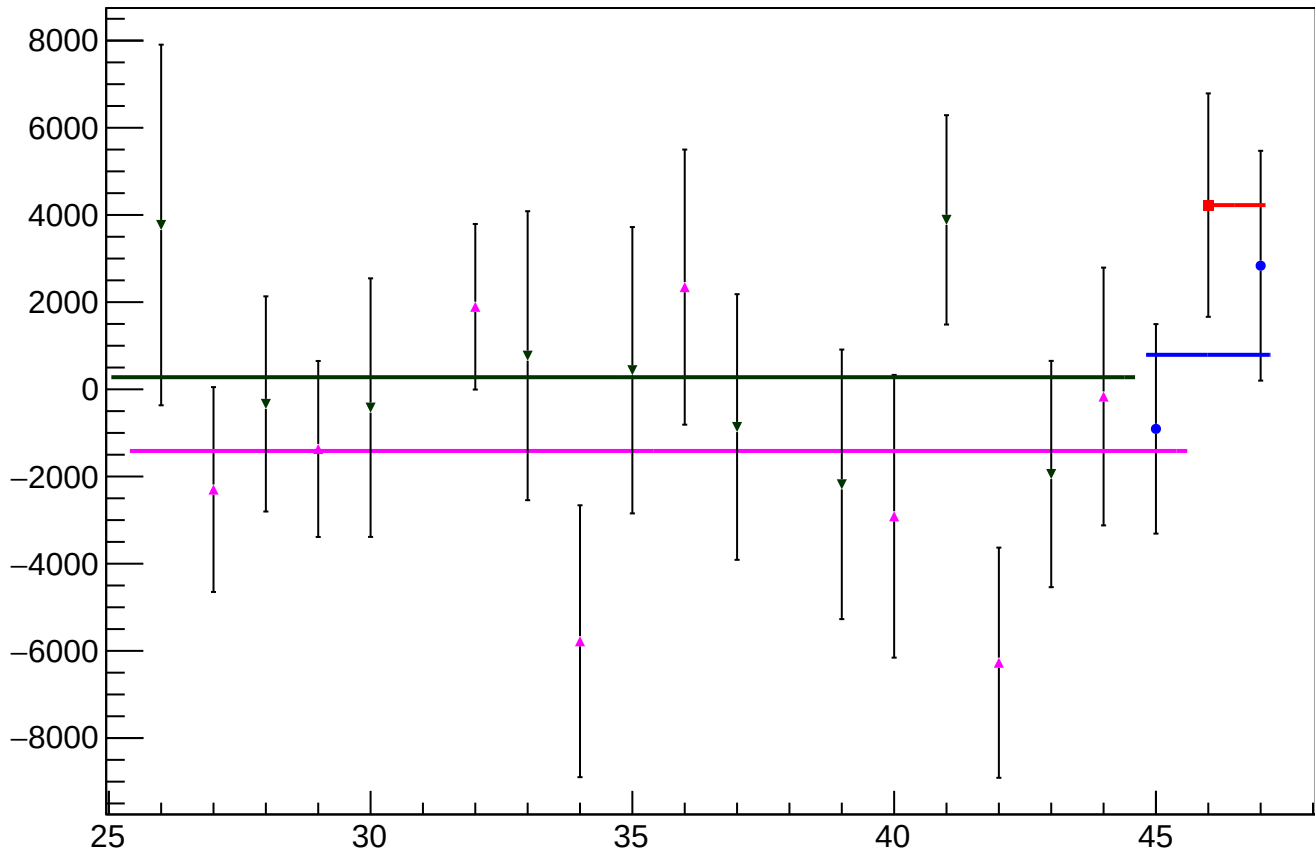
Left Out: 405.300 $\pm$ 0.131 χ^2 /NDF: 9727.9/8

Right Out: 368.933 $\pm$ 0.364 χ^2 /NDF: 0.0/0

Left In: 407.737 $\pm$ 0.129 χ^2 /NDF: 49136.9/7

401.024 $\pm$ 0.084 χ^2 /NDF: 81350.9/19

asym_atr2_correction_mean vs slug



Right In: 791.721 $\pm$ 1775.830 χ^2/NDF : 1.1/1

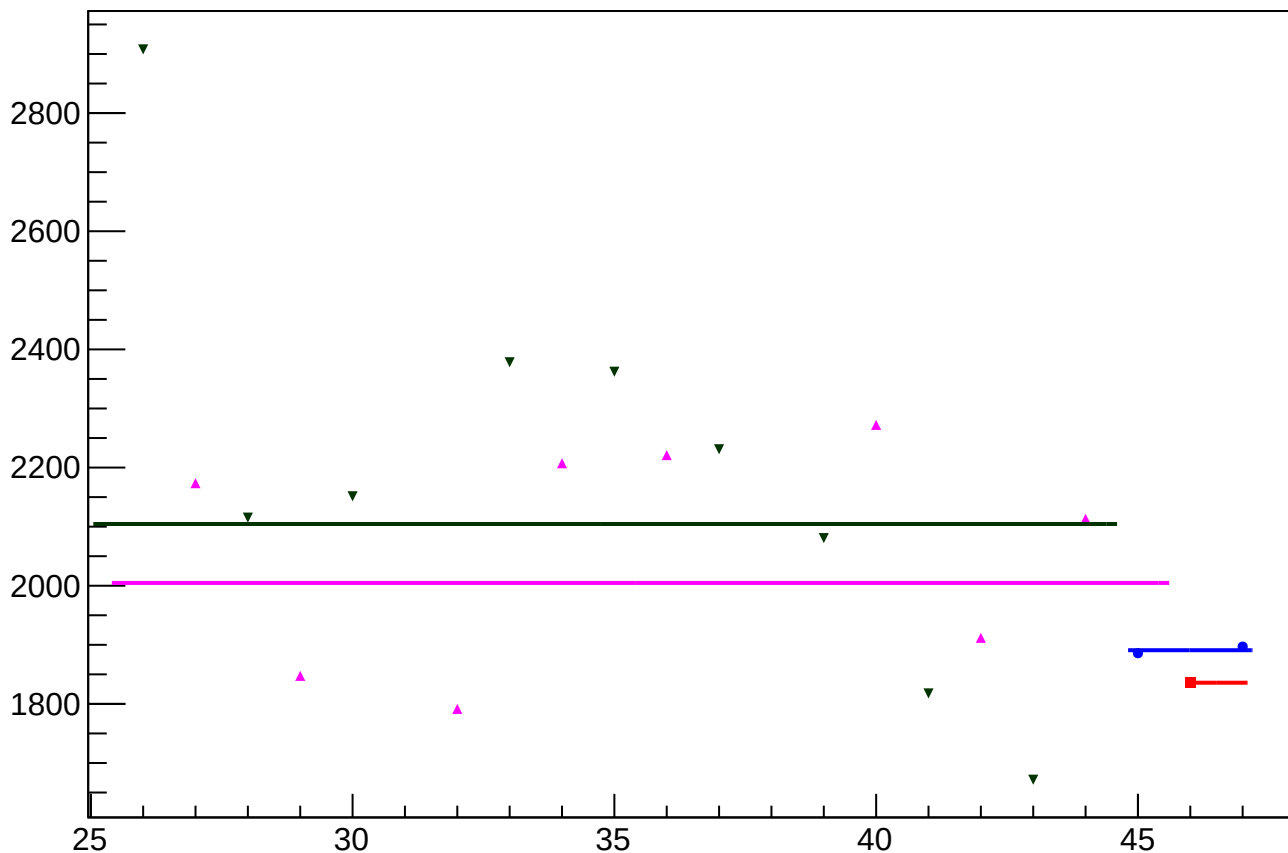
Left Out: 278.027 $\pm$ 973.990 χ^2/NDF : 4.6/8

-213.291 $\pm$ 599.393 χ^2/NDF : 21.4/19

Right Out: 4225.911 $\pm$ 2562.847 χ^2/NDF : 0.0/0

Left In: -1413.717 $\pm$ 890.892 χ^2/NDF : 10.3/7

asym_atr2_correction_rms vs slug



Right In: 1890.869+/-1.256 χ^2/NDF : 19.8/1

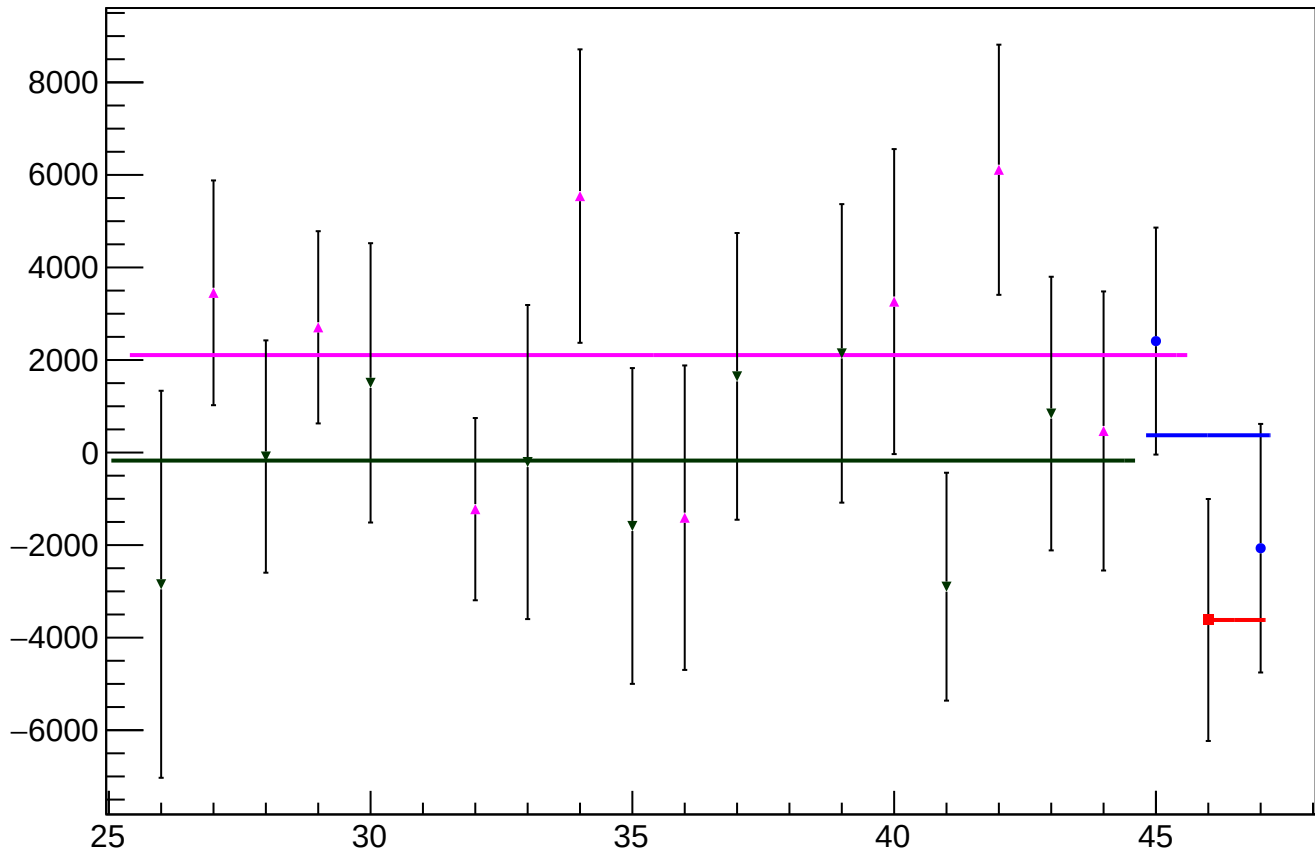
Left Out: 2104.508+/-0.689 χ^2/NDF : 189603.1/8

Right Out: 1835.863+/-1.812 χ^2/NDF : 0.0/0

Left In: 2004.754+/-0.630 χ^2/NDF : 84279.2/7

2020.320+/-0.424 χ^2/NDF : 310443.0/19

asym_atr2_mean vs slug



Right In: 373.456+/-1811.248 χ^2/NDF : 1.5/1

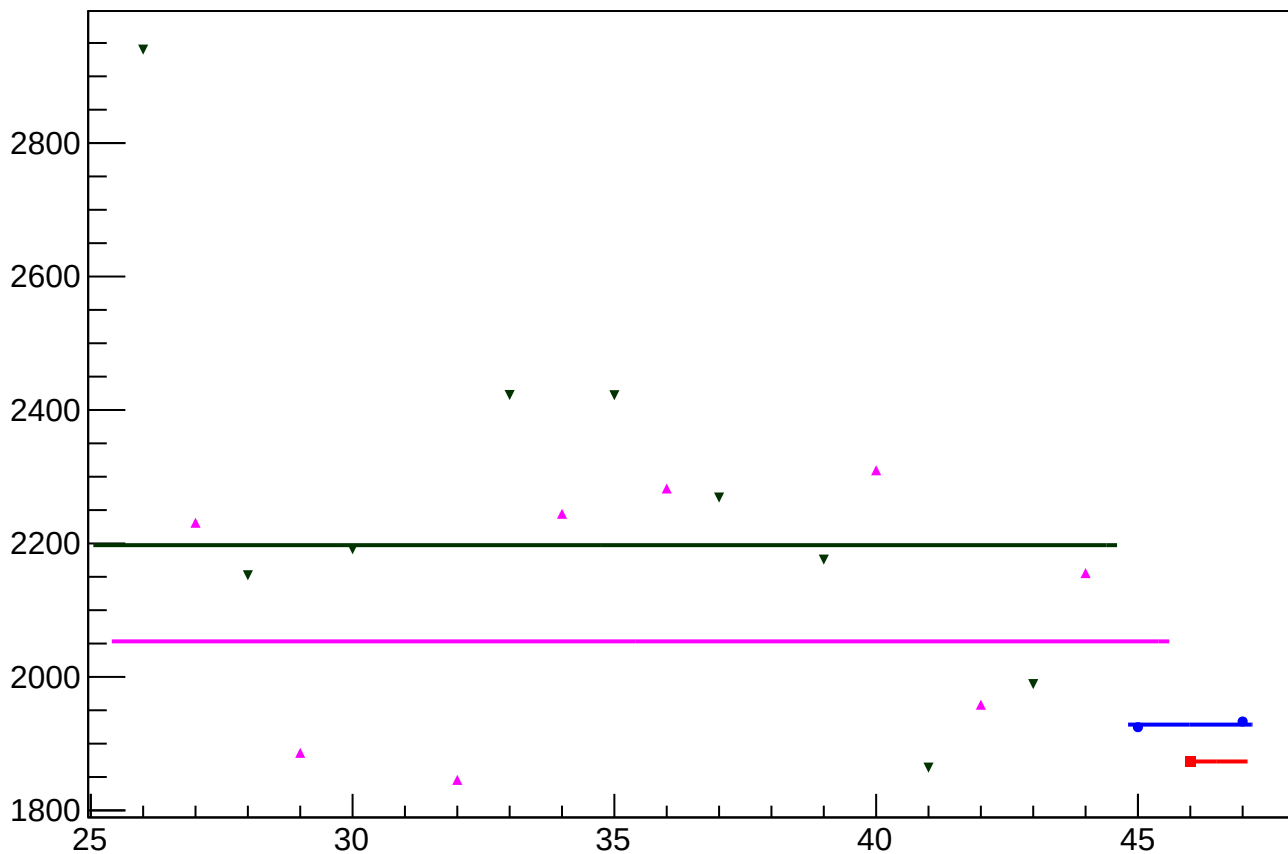
Left Out: -173.380+/-1011.256 χ^2/NDF : 3.1/8

733.652+/-617.945 χ^2/NDF : 18.6/19

Right Out: -3618.419+/-2614.688 χ^2/NDF : 0.0/0

Left In: 2106.390+/-916.762 χ^2/NDF : 8.2/7

asym_atr2_rms vs slug



Right In: 1928.535 +/- 1.281 χ^2/NDF : 10.8/1

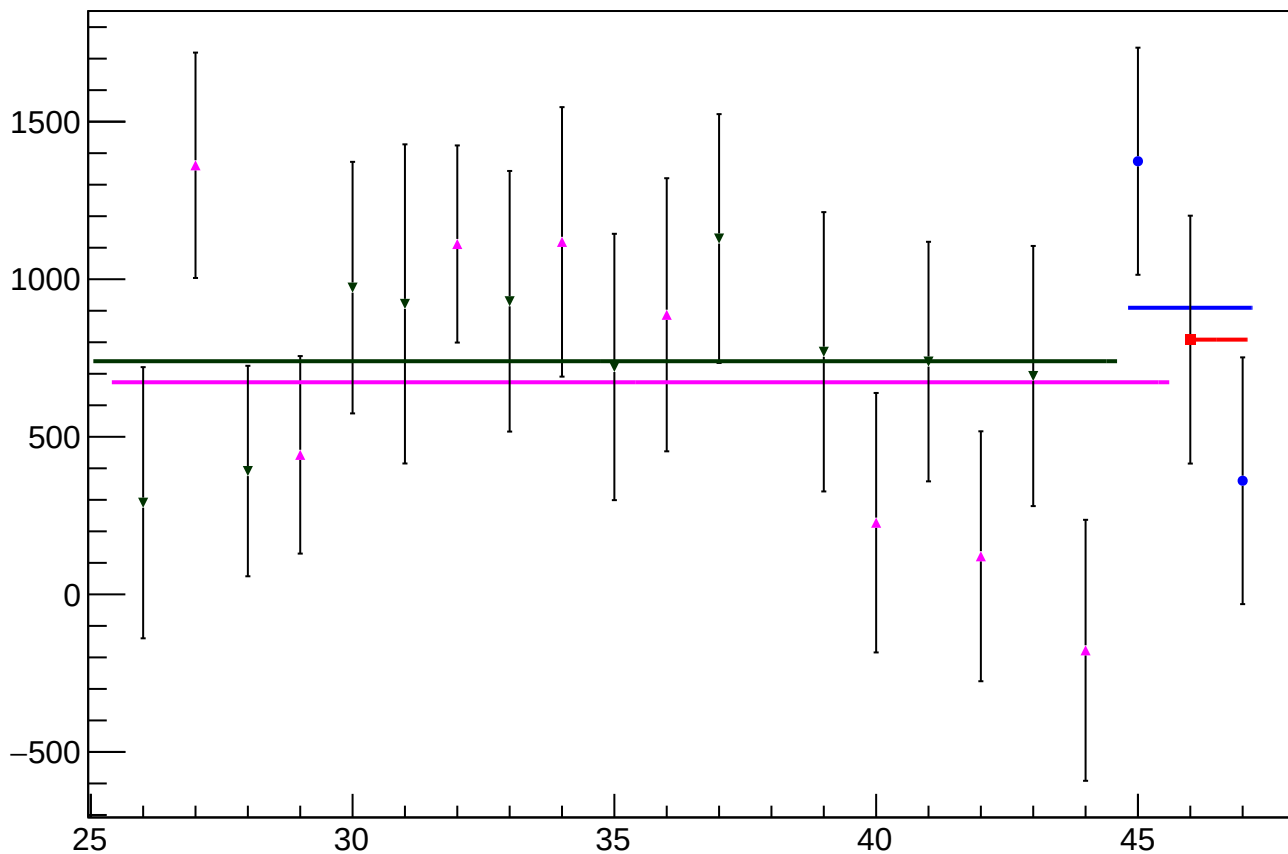
Left Out: 2197.439 +/- 0.715 χ^2/NDF : 128896.8/8

Right Out: 1873.274 +/- 1.849 χ^2/NDF : 0.0/0

Left In: 2053.263 +/- 0.648 χ^2/NDF : 79708.9/7

2082.527 +/- 0.437 χ^2/NDF : 263745.5/19

reg_asym_atl_avg_mean vs slug



Right In: 909.451 ± 265.131 $\chi^2/\text{NDF}: 3.6/1$

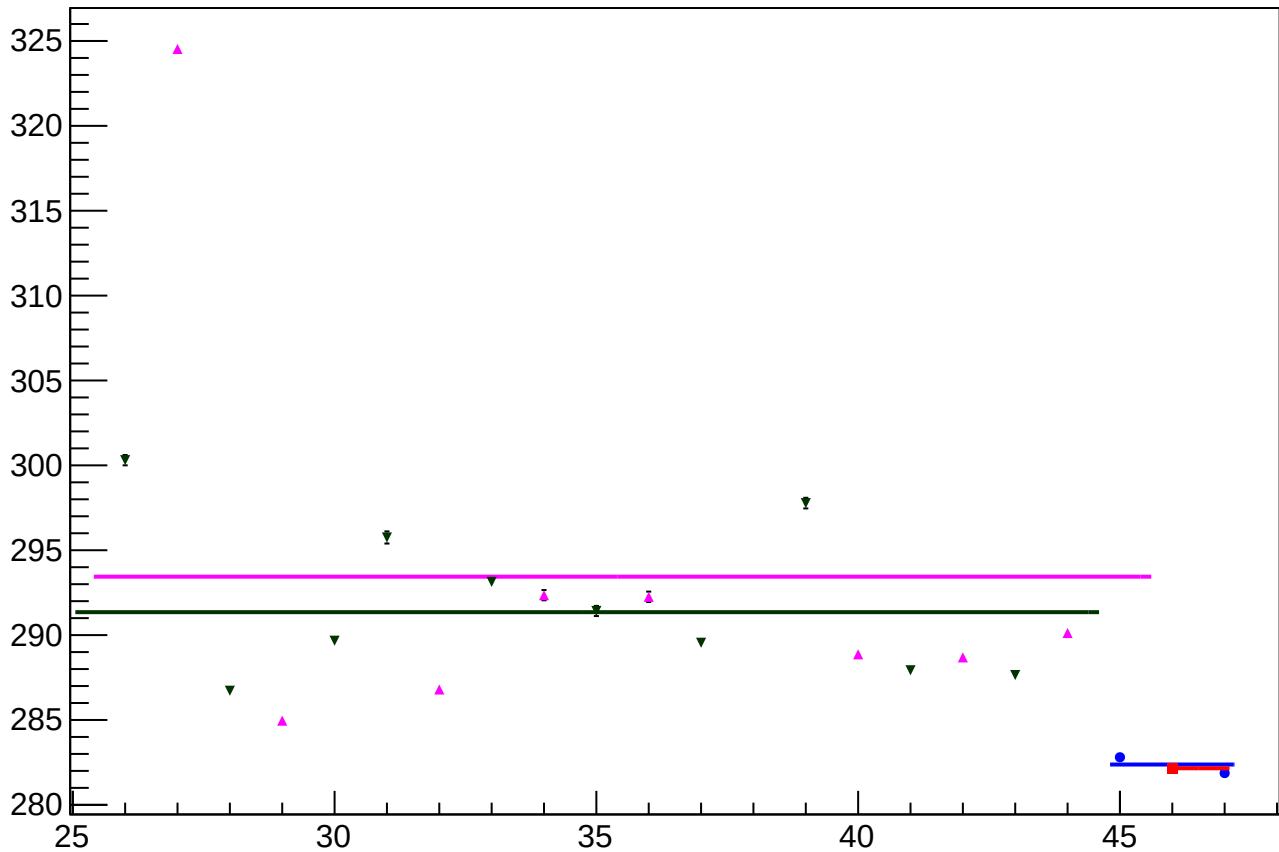
Left Out: 739.872 ± 128.784 $\chi^2/\text{NDF}: 3.9/9$

Right Out: 808.356 ± 393.288 $\chi^2/\text{NDF}: 0.0/0$

Left In: 673.071 ± 132.323 $\chi^2/\text{NDF}: 14.9/7$

732.921 ± 85.096 $\chi^2/\text{NDF}: 23.0/20$

reg_asym_atl_avg_rms vs slug



Right In: 282.376 ± 0.187 χ^2/NDF : 6.2/1

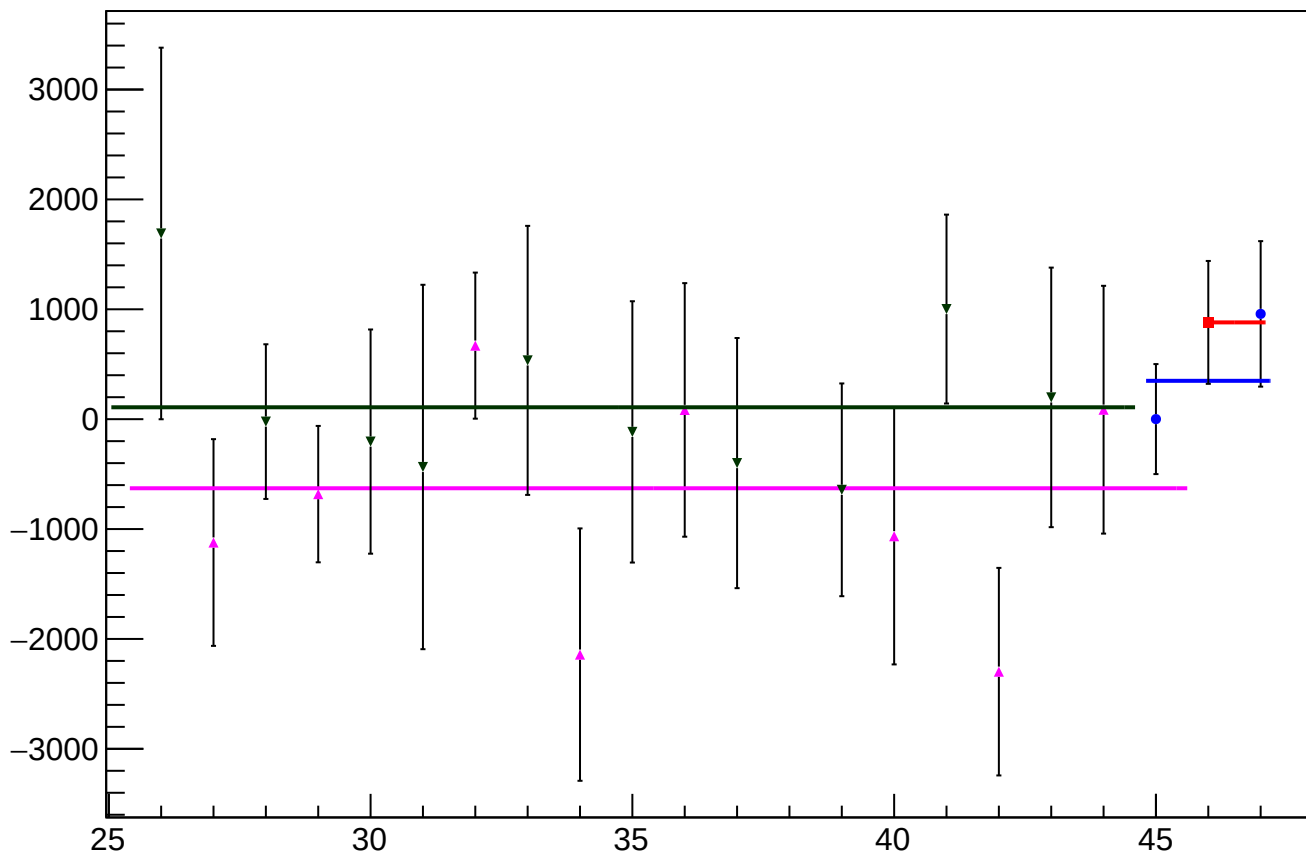
Left Out: 291.351 ± 0.091 χ^2/NDF : 2259.4/9

290.861 ± 0.060 χ^2/NDF : 24257.8/20

Right Out: 282.155 ± 0.278 χ^2/NDF : 0.0/0

Left In: 293.442 ± 0.094 χ^2/NDF : 18174.2/7

asym_atl_avg_correction_mean vs slug



Right In: 349.031+/-399.304 χ^2/NDF : 1.3/1

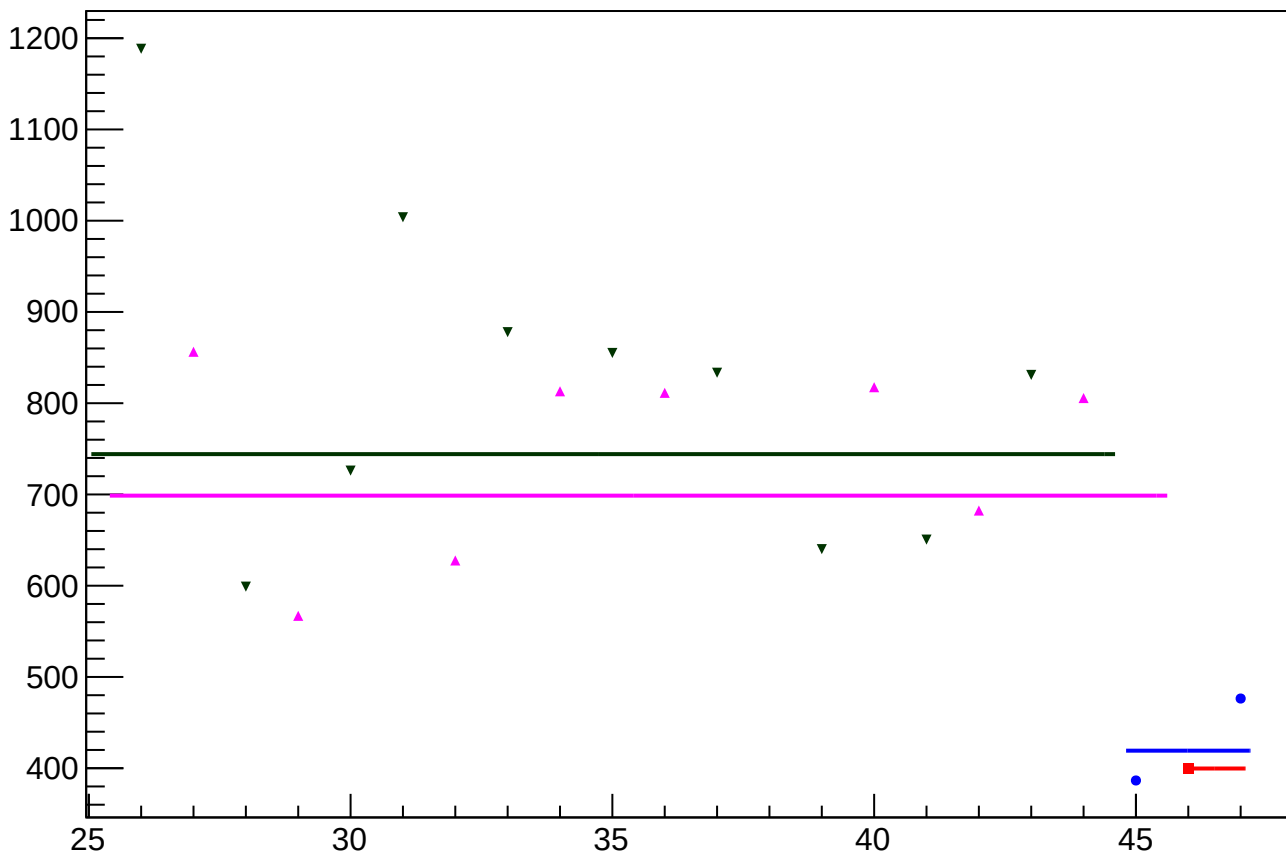
Left Out: 108.218+/-333.765 χ^2/NDF : 3.2/9

Right Out: 880.759+/-559.170 χ^2/NDF : 0.0/0

Left In: -628.735+/-314.024 χ^2/NDF : 9.9/7

-13.940+/-187.030 χ^2/NDF : 21.7/20

asym_atl_avg_correction_rms vs slug



Right In: 419.219+/-0.282 χ^2/NDF : 23408.6/1

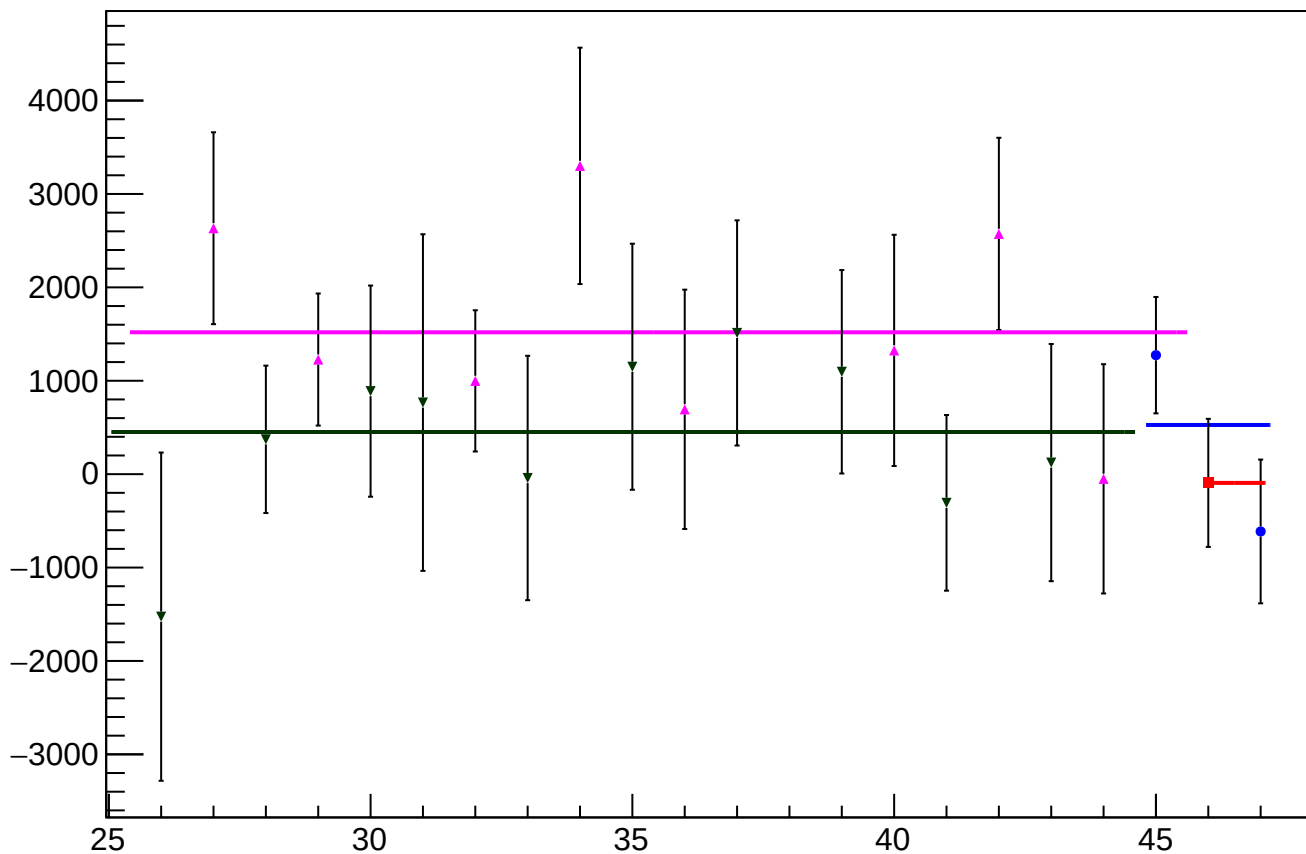
Left Out: 744.197+/-0.236 χ^2/NDF : 384053.8/9

Right Out: 399.672+/-0.395 χ^2/NDF : 0.0/0

Left In: 698.706+/-0.222 χ^2/NDF : 247337.3/7

618.220+/-0.132 χ^2/NDF : 1873370.6/20

asym_atl_avg_mean vs slug



Right In: 526.639+/-484.300 χ^2/NDF : 3.6/1

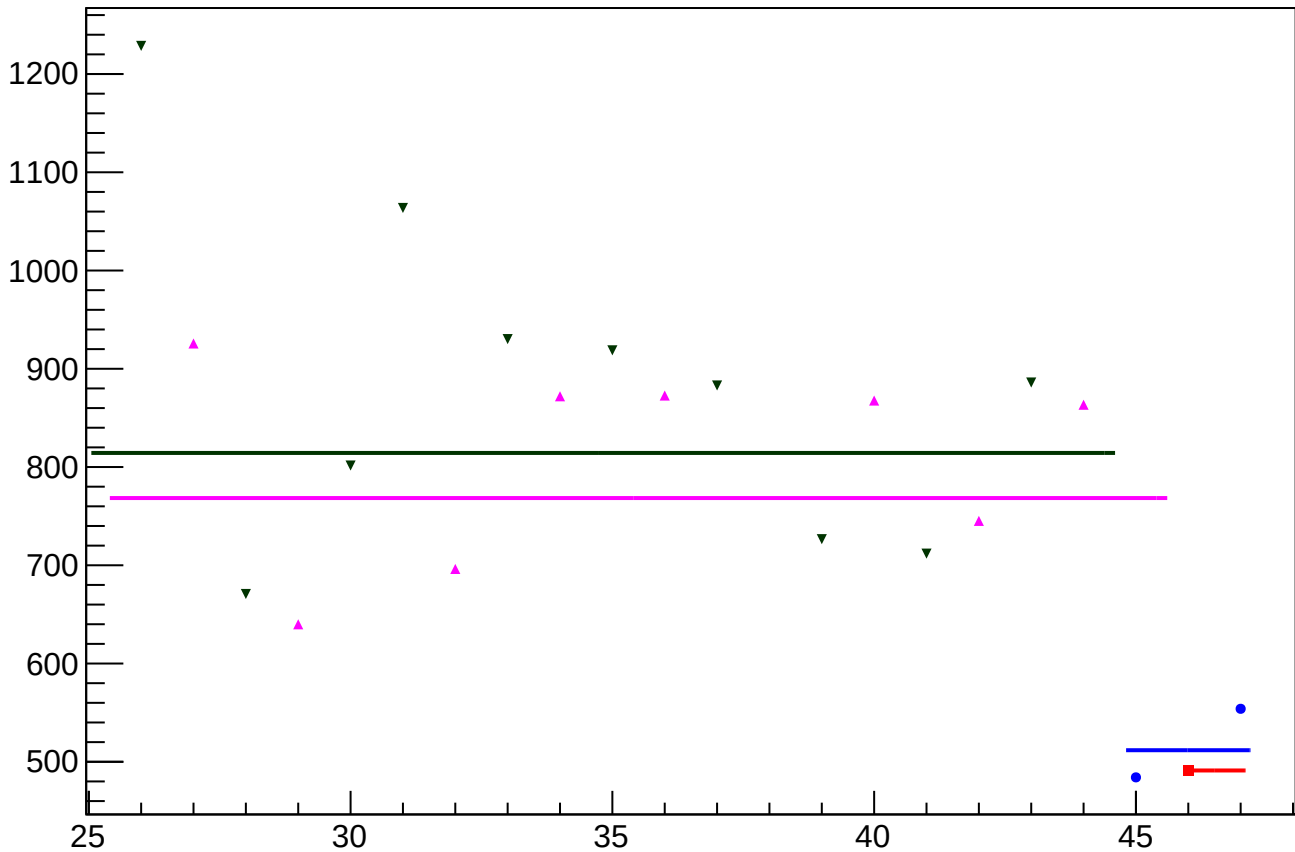
Left Out: 451.381+/-366.058 χ^2/NDF : 3.7/9

Right Out: -93.544+/-685.662 χ^2/NDF : 0.0/0

Left In: 1519.039+/-349.401 χ^2/NDF : 6.9/7

810.074+/-212.985 χ^2/NDF : 21.4/20

asym_atl_avg_rms vs slug



Right In: 511.772+/-0.342 χ^2/NDF : 9933.0/1

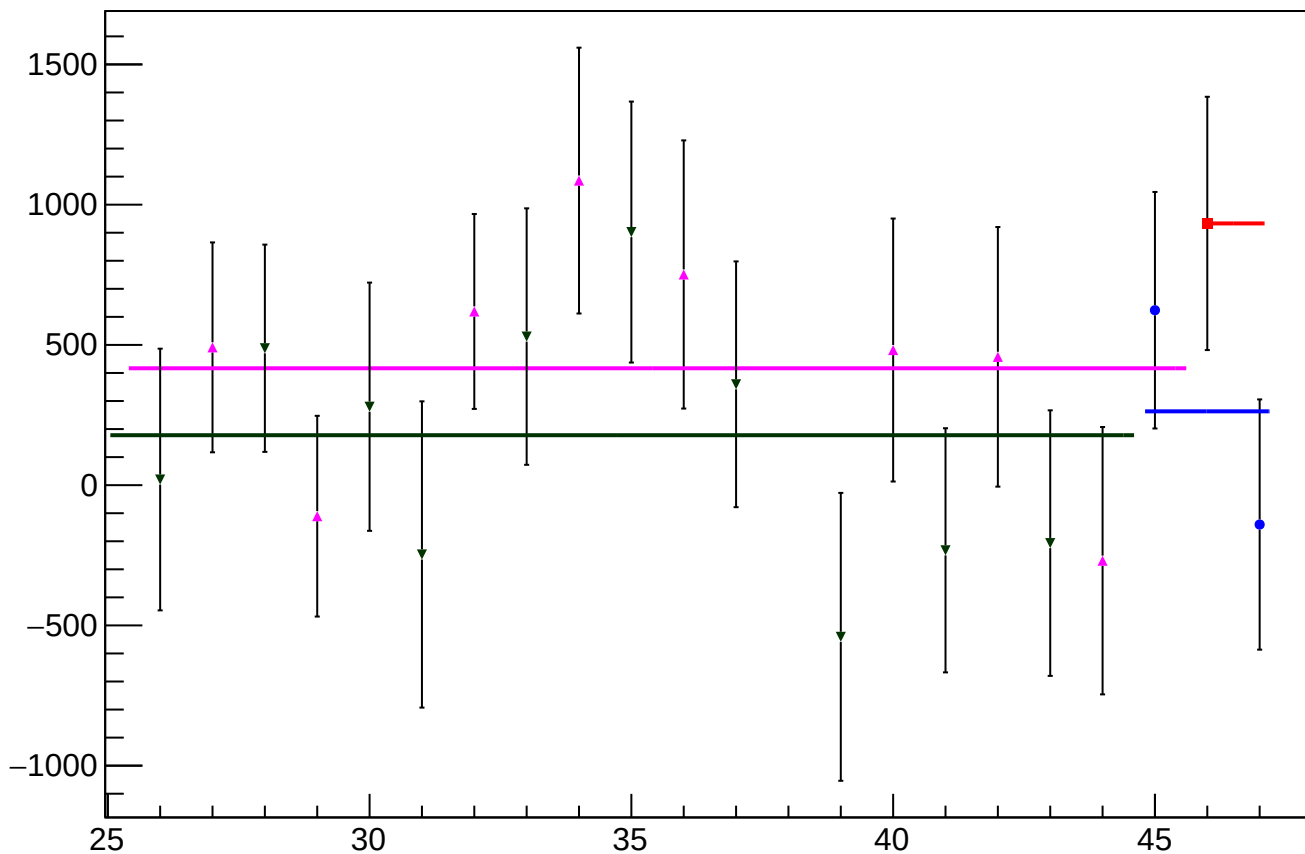
Left Out: 814.342+/-0.259 χ^2/NDF : 293767.4/9

707.578+/-0.151 χ^2/NDF : 1244342.0/20

Right Out: 491.155+/-0.485 χ^2/NDF : 0.0/0

Left In: 768.425+/-0.247 χ^2/NDF : 183671.3/7

reg_asym_atl_dd_mean vs slug



Right In: 263.189 ± 306.417 χ^2/NDF : 1.5/1

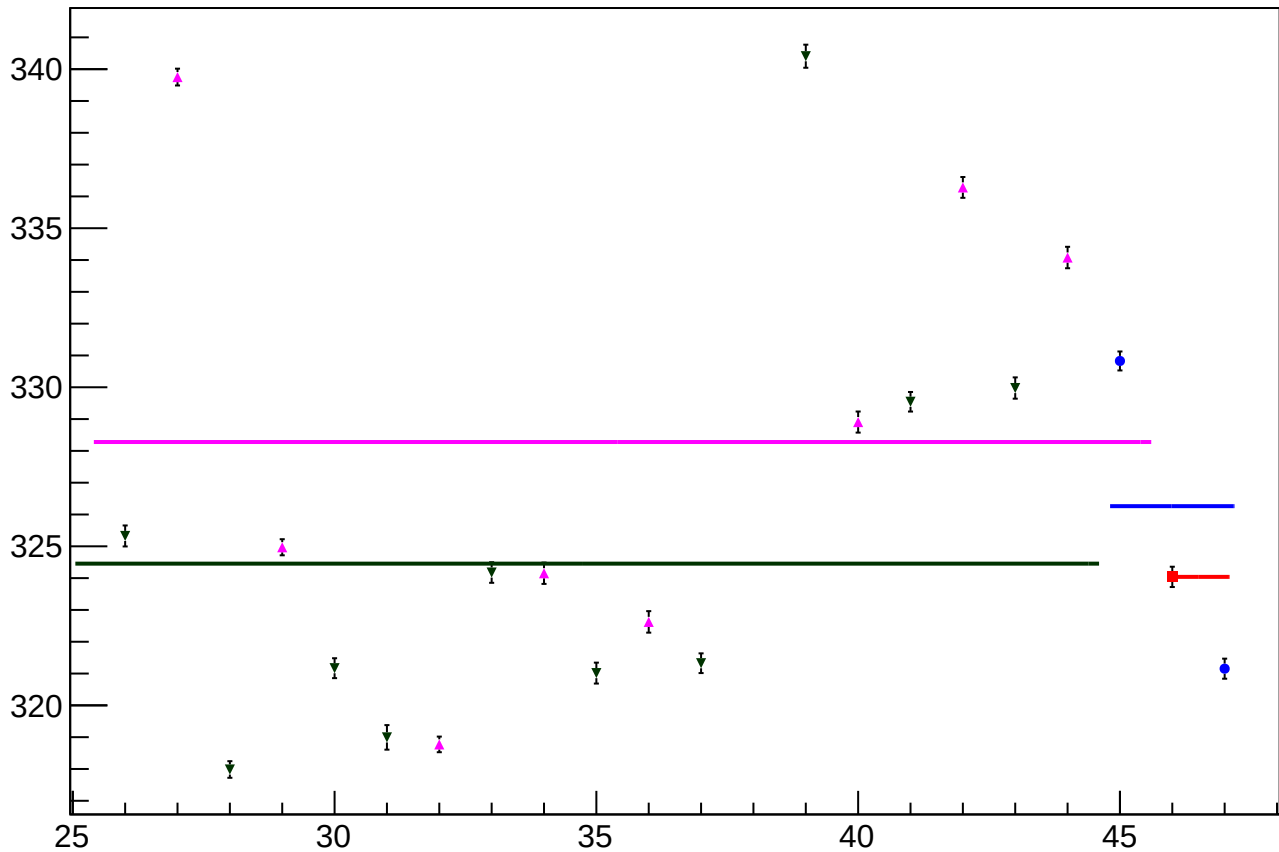
Left Out: 178.098 ± 143.538 χ^2/NDF : 8.2/9

Right Out: 933.130 ± 451.513 χ^2/NDF : 0.0/0

Left In: 416.758 ± 147.940 χ^2/NDF : 7.1/7

319.417 ± 95.440 χ^2/NDF : 20.1/20

reg_asym_atl_dd_rms vs slug



Right In: 326.262 ± 0.217 χ^2/NDF : 496.8/1

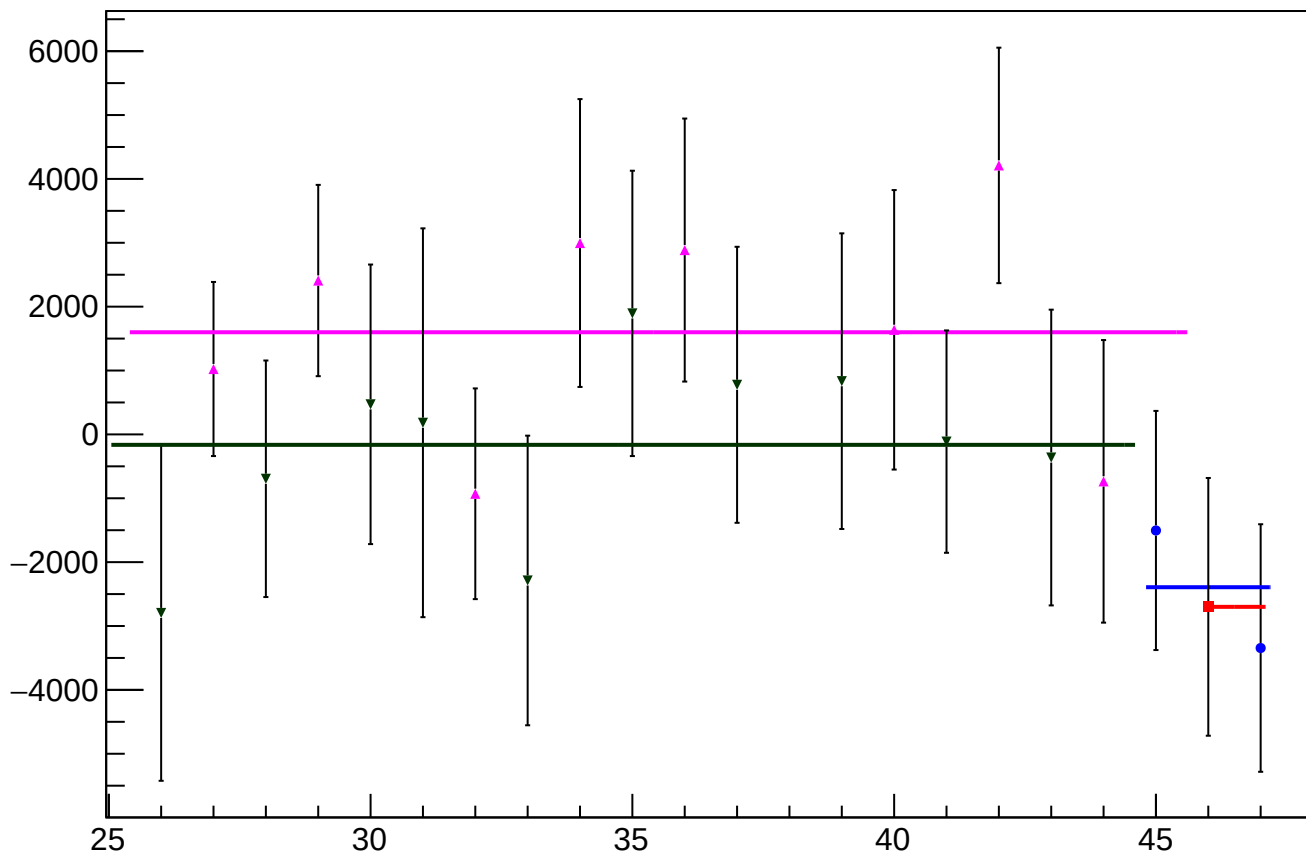
Left Out: 324.455 ± 0.101 χ^2/NDF : 3621.0/9

Right Out: 324.039 ± 0.319 χ^2/NDF : 0.0/0

Left In: 328.279 ± 0.105 χ^2/NDF : 4878.6/7

326.203 ± 0.067 χ^2/NDF : 9732.7/20

asym_atl_dd_correction_mean vs slug



Right In: -2392.610 ± 1346.367 $\chi^2/\text{NDF}: 0.5/1$

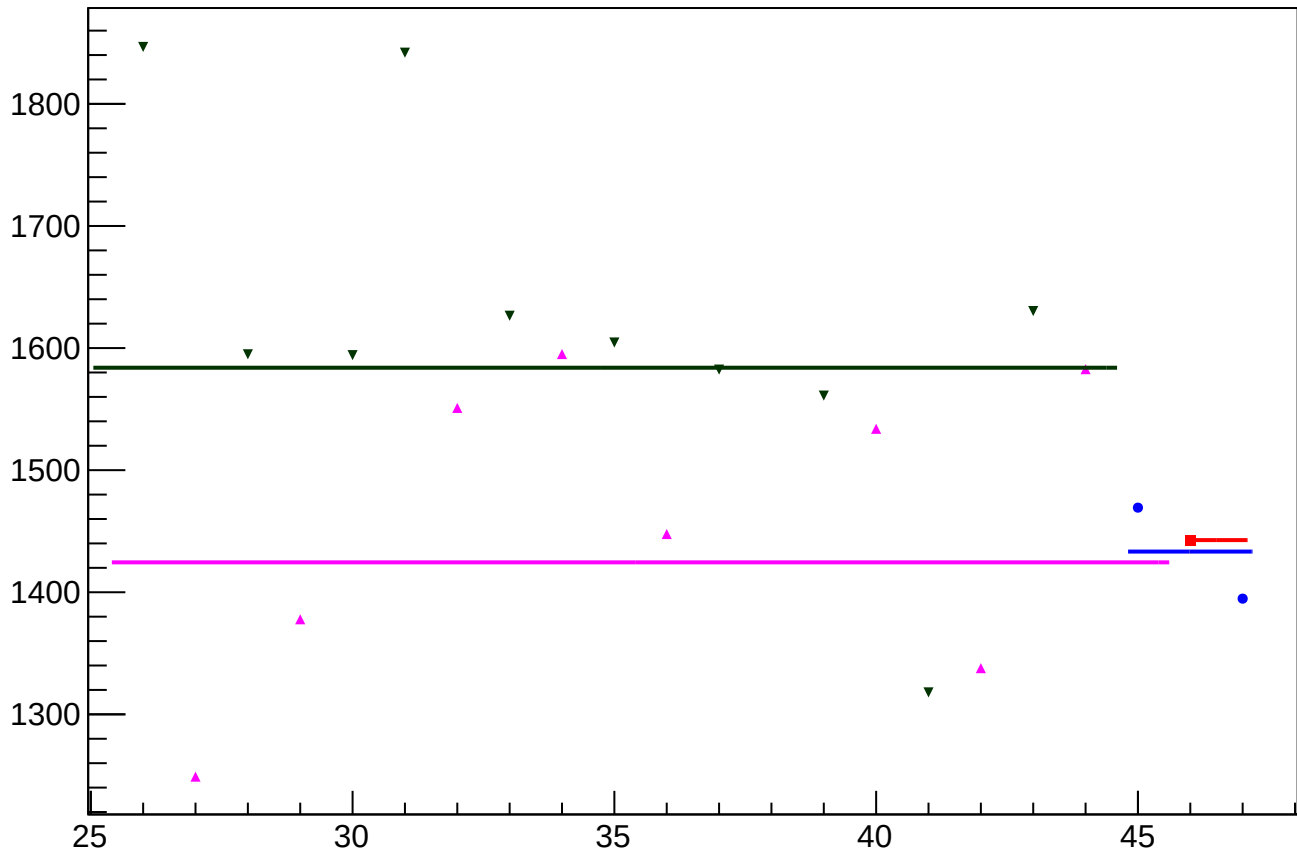
Left Out: -163.511 ± 695.796 $\chi^2/\text{NDF}: 3.3/9$

Right Out: -2700.008 ± 2017.757 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1599.395 ± 633.470 $\chi^2/\text{NDF}: 6.7/7$

310.908 ± 432.143 $\chi^2/\text{NDF}: 21.3/20$

asym_atl_dd_correction_rms vs slug



Right In: 1433.318 ± 0.952 χ^2/NDF : 1530.4/1

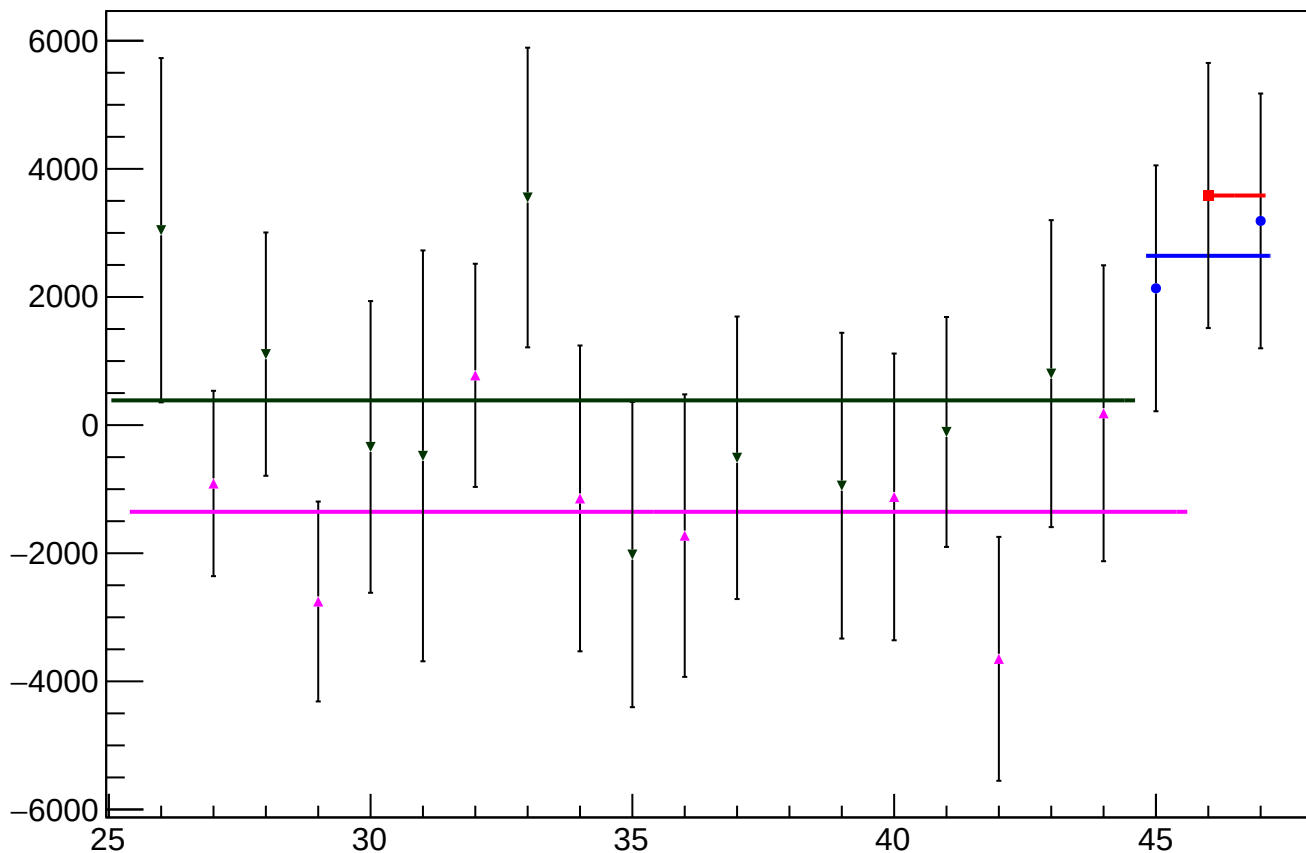
Left Out: 1583.903 ± 0.492 χ^2/NDF : 83028.2/9

Right Out: 1442.720 ± 1.427 χ^2/NDF : 0.0/0

Left In: 1424.491 ± 0.448 χ^2/NDF : 78237.9/7

1487.728 ± 0.306 χ^2/NDF : 225200.0/20

asym_atl_dd_mean vs slug



Right In: 2642.745+/-1380.984 χ^2/NDF : 0.1/1

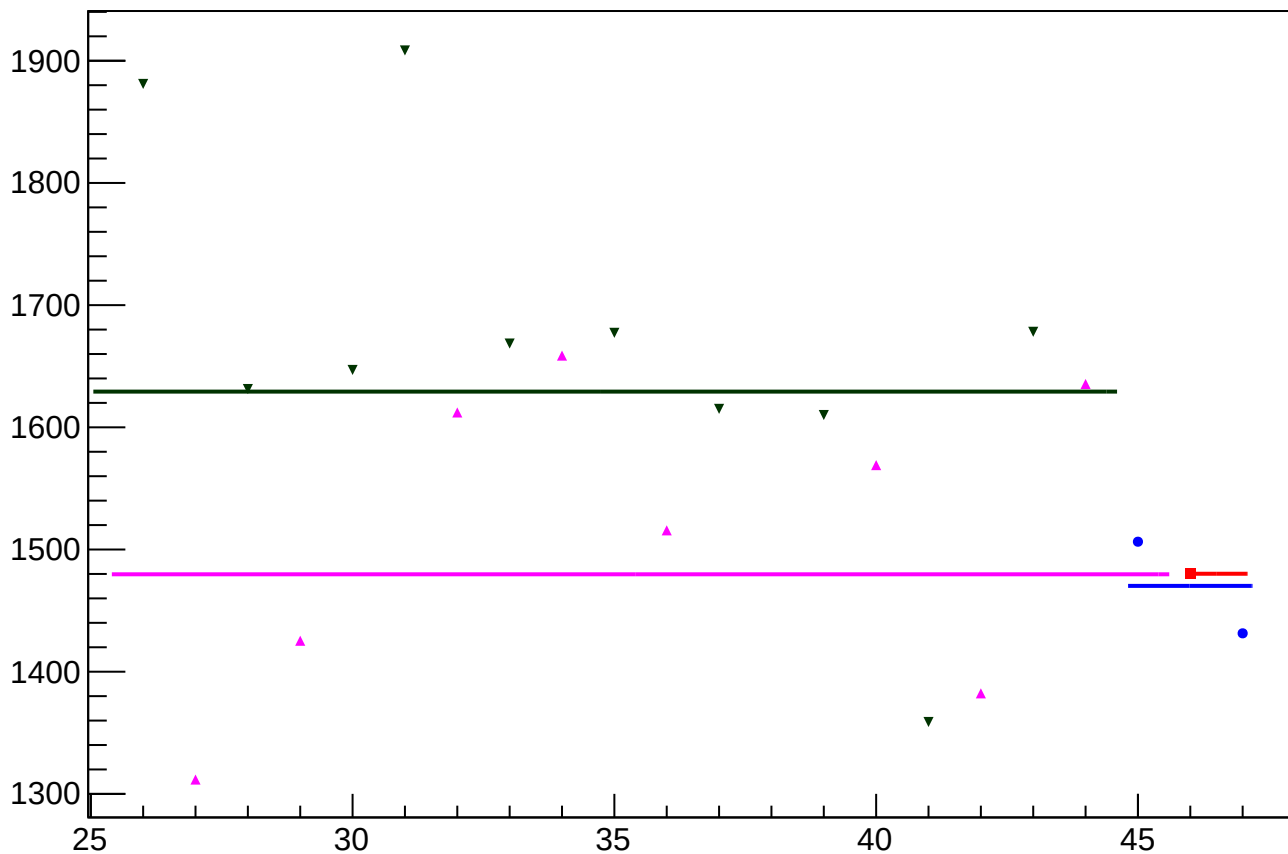
Left Out: 386.051+/-719.673 χ^2/NDF : 4.7/9

-18.889+/-449.421 χ^2/NDF : 20.3/20

Right Out: 3584.143+/-2069.243 χ^2/NDF : 0.0/0

Left In: -1353.325+/-664.845 χ^2/NDF : 4.3/7

asym_atl_dd_rms vs slug



Right In: 1470.233+/-0.977 χ^2/NDF : 1472.0/1

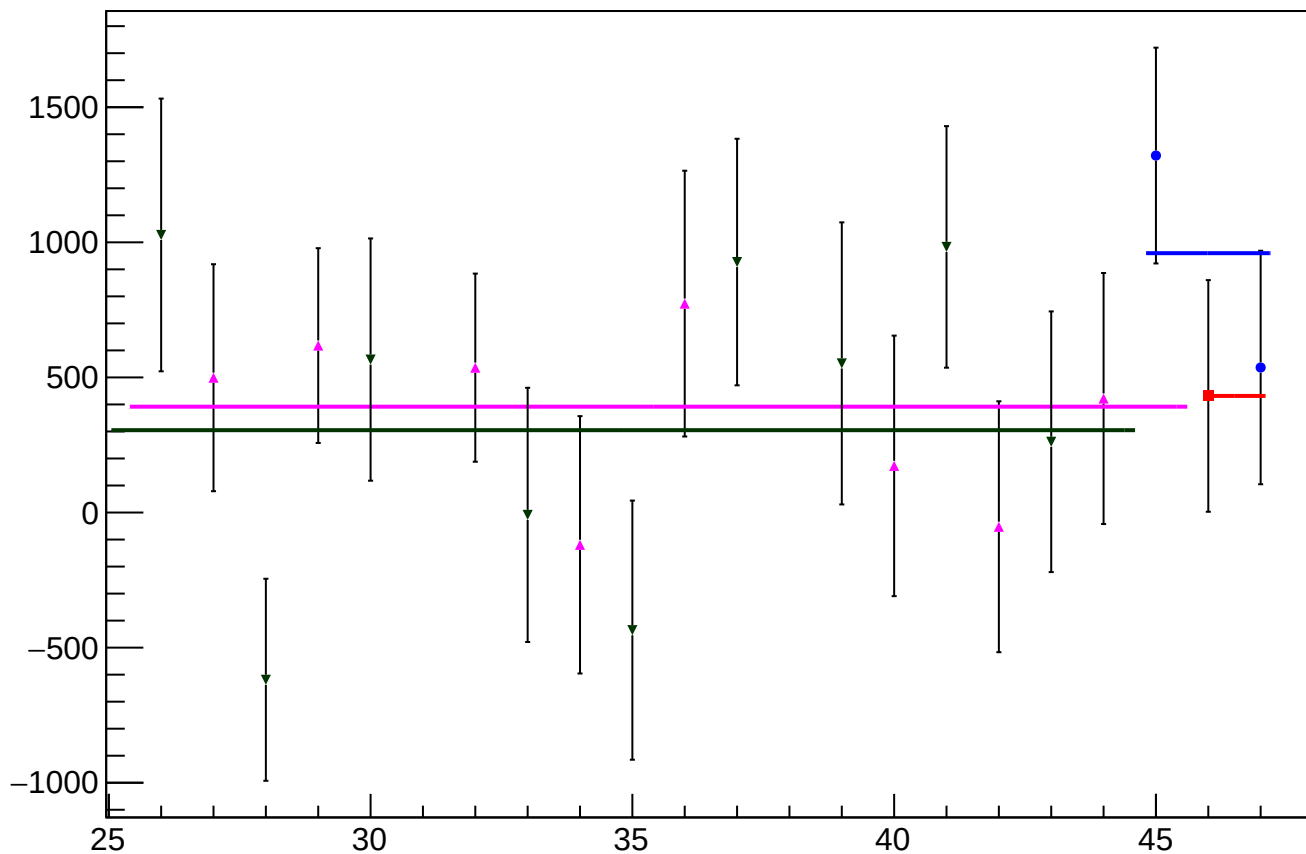
Left Out: 1629.236+/-0.509 χ^2/NDF : 80669.5/9

Right Out: 1480.161+/-1.463 χ^2/NDF : 0.0/0

Left In: 1479.724+/-0.470 χ^2/NDF : 70261.1/7

1537.046+/-0.318 χ^2/NDF : 206281.8/20

reg_asym_atr_avg_mean vs slug



Right In: 959.850 $\pm$ 293.270 χ^2 /NDF: 1.8/1

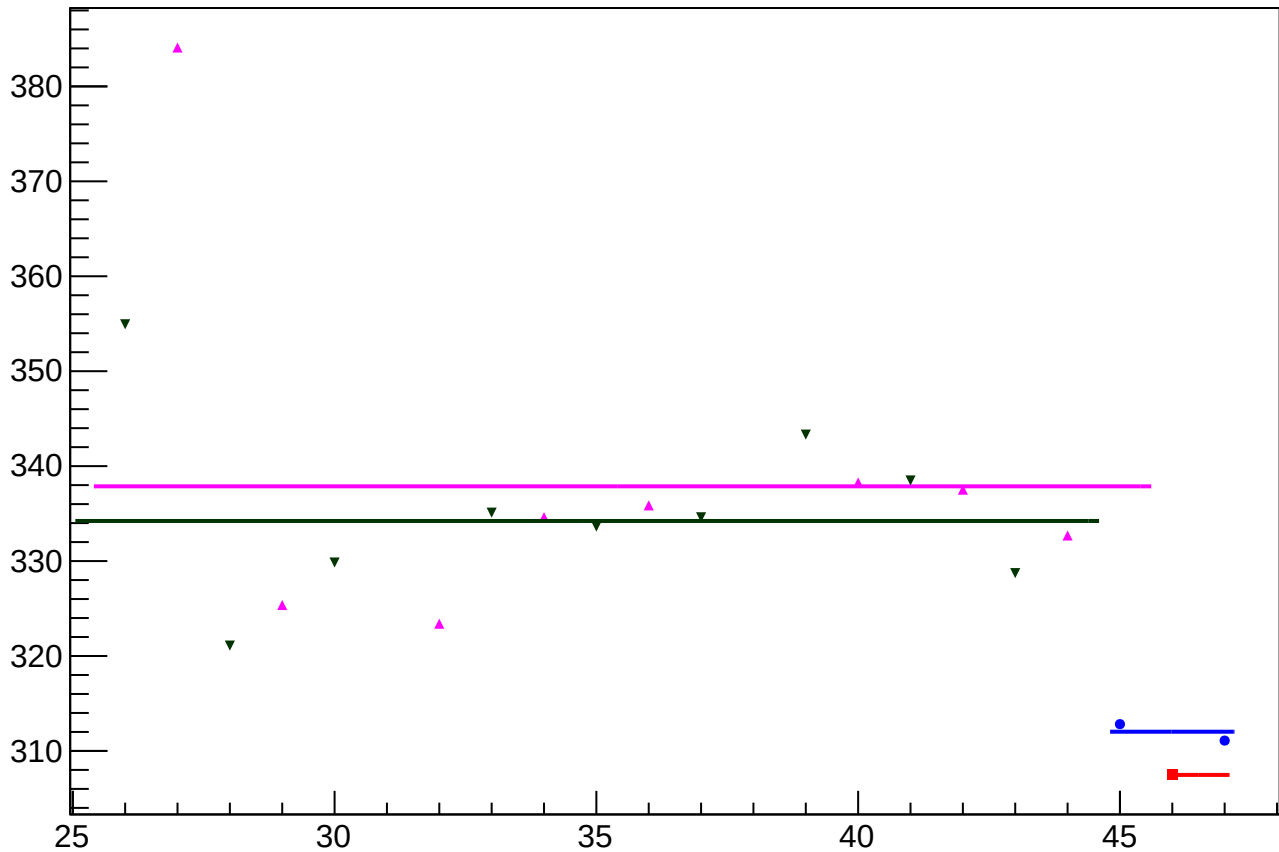
Left Out: 304.753 $\pm$ 153.029 χ^2 /NDF:15.7/8

Right Out: 431.492 $\pm$ 428.647 χ^2 /NDF: 0.0/0

Left In: 391.742 $\pm$ 151.210 χ^2 /NDF:3.5/7

421.760 $\pm$ 98.291 χ^2 /NDF: 25.0/19

reg_asym_atr_avg_rms vs slug



Right In: 312.024 $\pm$ 0.207 χ^2 /NDF: 17.3/1

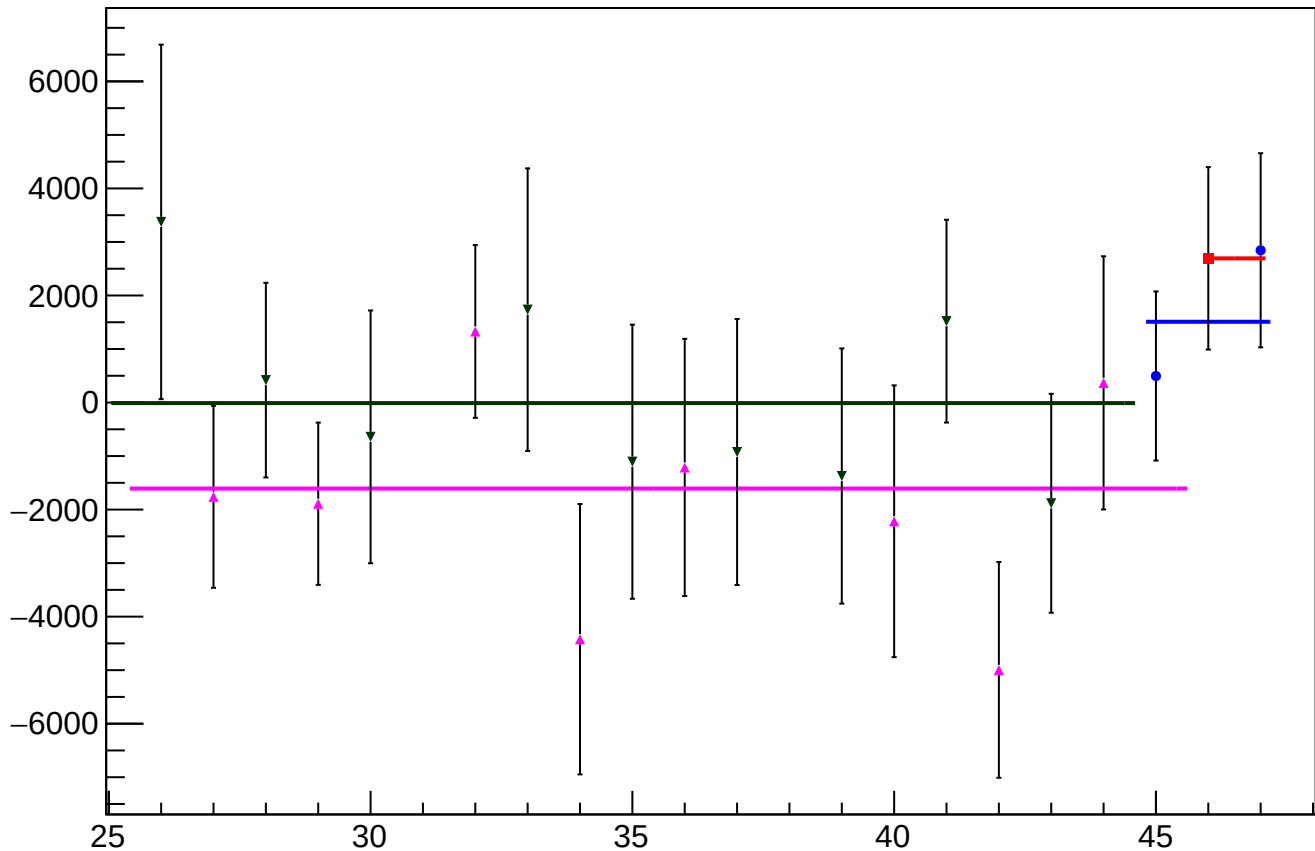
Left Out: 334.224 $\pm$ 0.108 χ^2 /NDF: 7088.3/8

Right Out: 307.473 $\pm$ 0.303 χ^2 /NDF: 0.0/0

Left In: 337.871 $\pm$ 0.107 χ^2 /NDF: 30461.2/7

331.864 $\pm$ 0.070 χ^2 /NDF: 56826.7/19

asym_atr_avg_correction_mean vs slug



Right In: 1509.069+/-1191.118 χ^2/NDF : 1.0/1

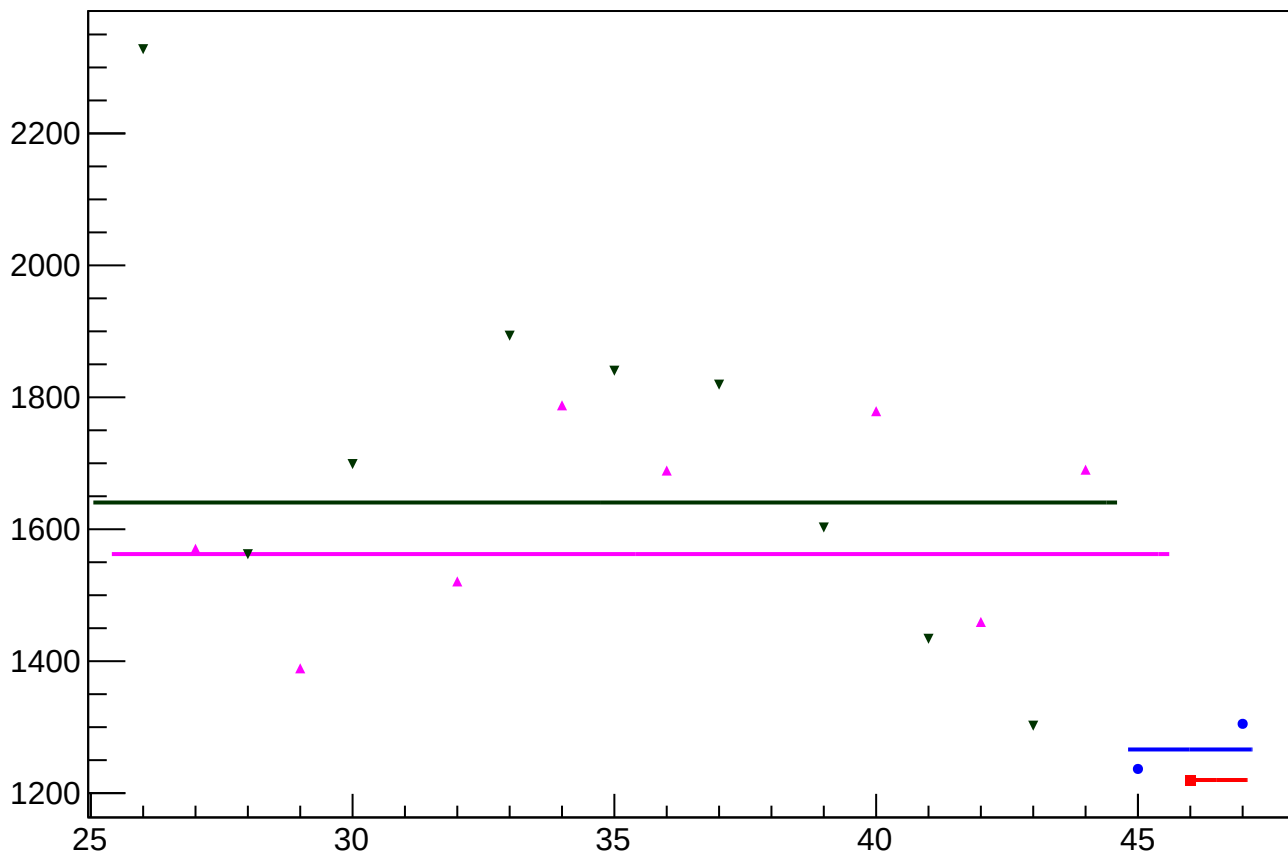
Left Out: -10.269+/-761.494 χ^2/NDF : 3.7/8

-280.430+/-454.136 χ^2/NDF : 22.0/19

Right Out: 2694.044+/-1704.481 χ^2/NDF : 0.0/0

Left In: -1606.123+/-694.183 χ^2/NDF : 8.2/7

asym_atr_avg_correction_rms vs slug



Right In: 1266.181 ± 0.842 χ^2/NDF : 1617.2/1

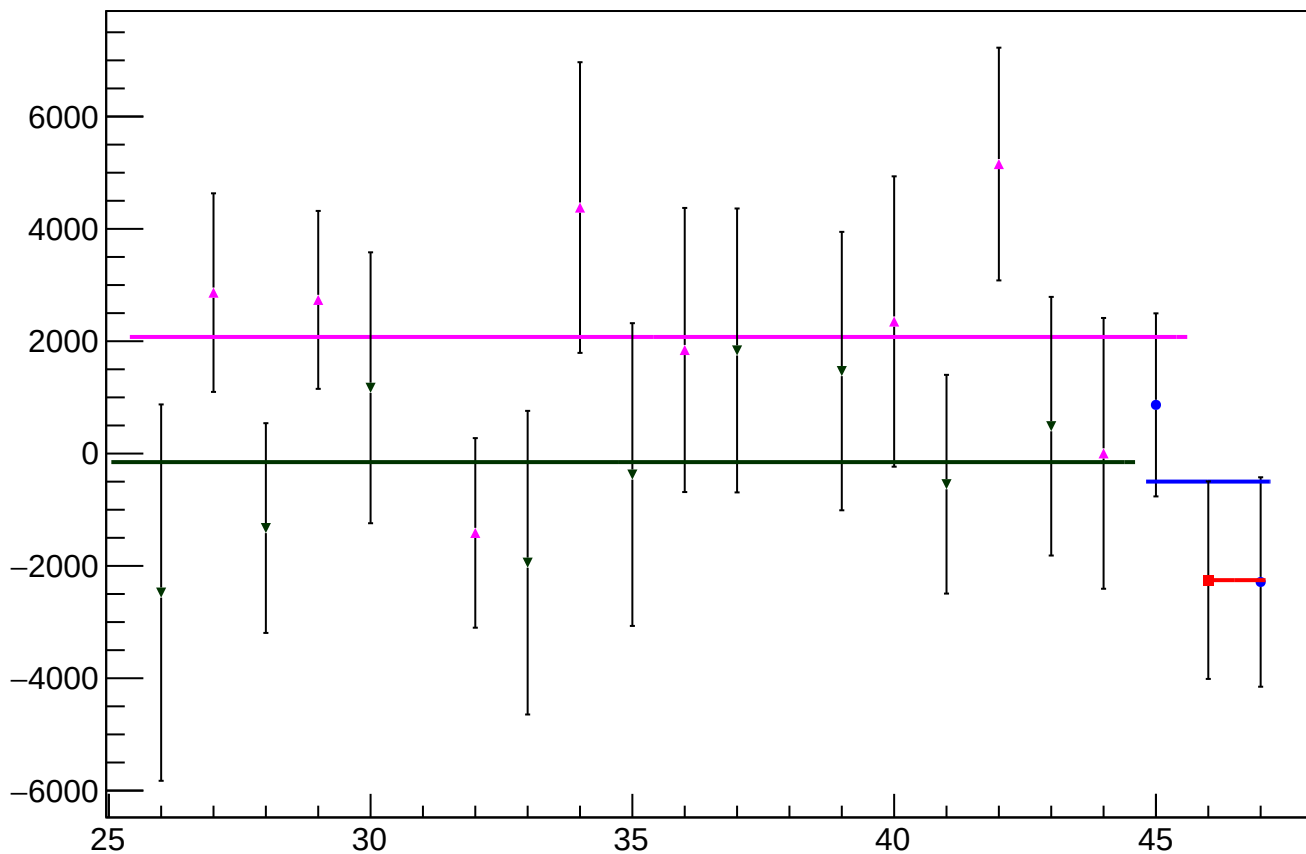
Left Out: 1640.545 ± 0.538 χ^2/NDF : 210924.6/8

Right Out: 1219.904 ± 1.205 χ^2/NDF : 0.0/0

Left In: 1562.373 ± 0.491 χ^2/NDF : 74594.6/7

1522.808 ± 0.321 χ^2/NDF : 497444.3/19

asym_atr_avg_mean vs slug



Right In: -498.823+/-1226.948 χ^2/NDF : 1.6/1

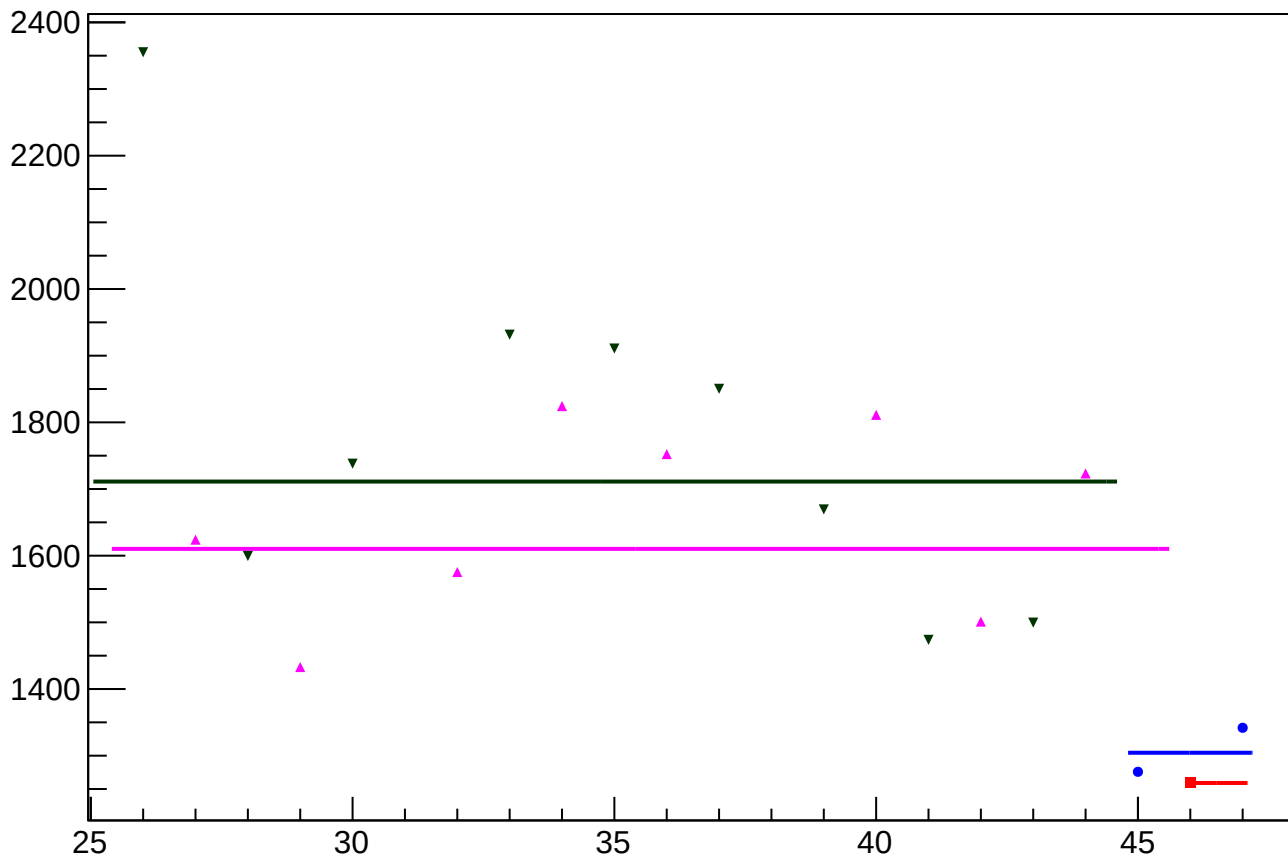
Left Out: -152.203+/-791.970 χ^2/NDF : 2.8/8

Right Out: -2253.453+/-1758.631 χ^2/NDF : 0.0/0

Left In: 2075.972+/-719.755 χ^2/NDF : 8.4/7

599.402+/-470.763 χ^2/NDF : 21.4/19

asym_atr_avg_rms vs slug



Right In: 1304.400+/-0.868 χ^2/NDF : 1422.7/1

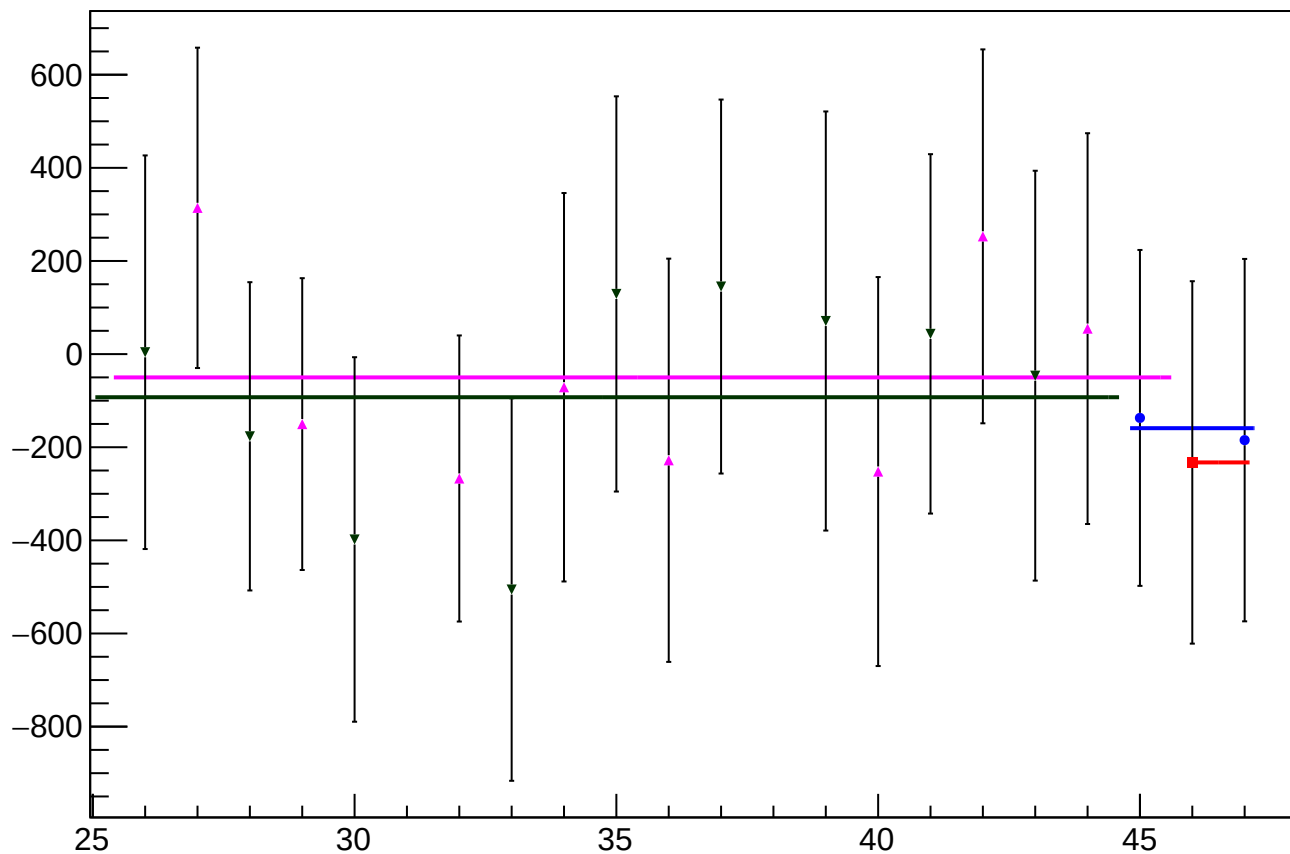
Left Out: 1711.189+/-0.560 χ^2/NDF :158821.4/8

Right Out: 1259.066+/-1.244 χ^2/NDF : 0.0/0

Left In: 1610.194+/-0.509 χ^2/NDF :68104.2/7

1575.701+/-0.333 χ^2/NDF : 454096.6/19

reg_asym_atr_dd_mean vs slug



Right In: -159.085+/-264.541 χ^2 /NDF: 0.0/1

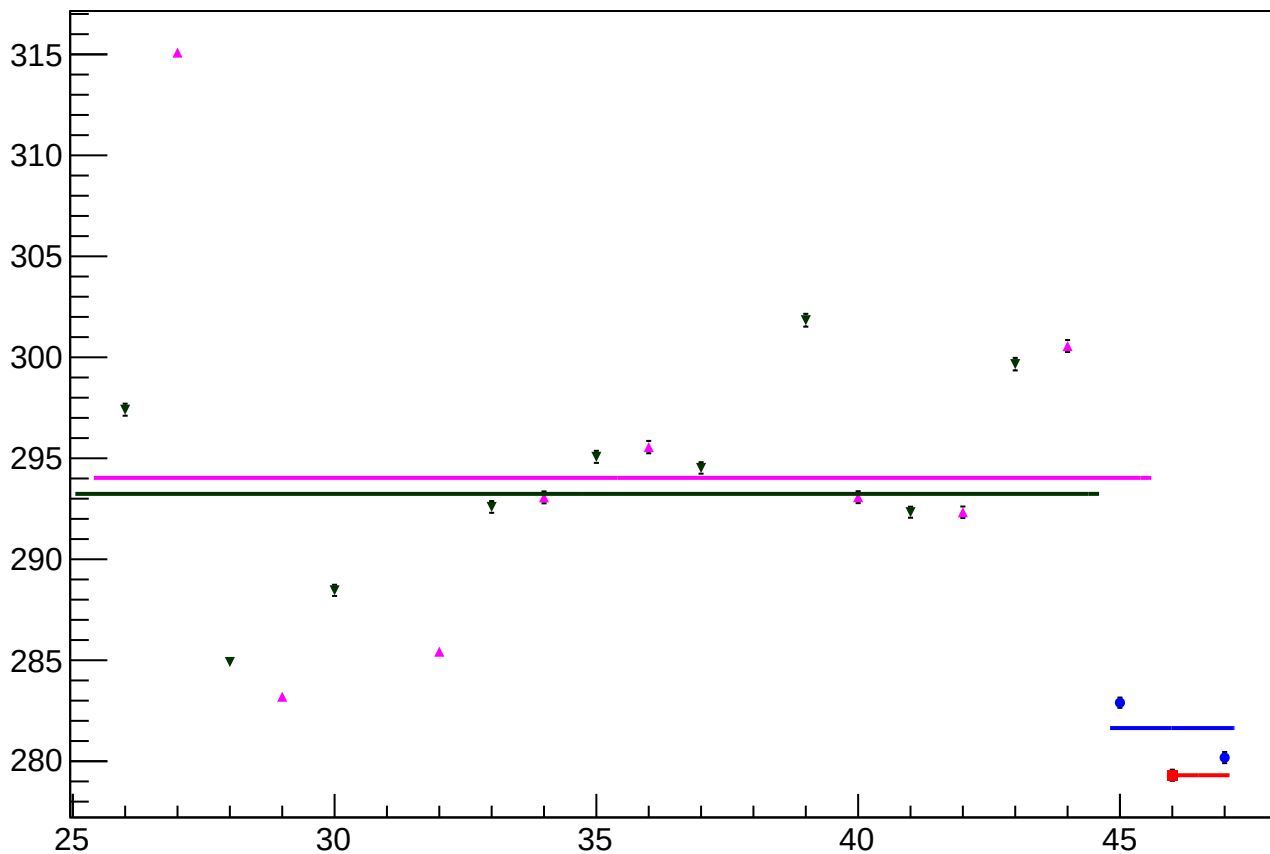
Left Out: -92.623+/-133.933 χ^2 /NDF:2.6/8

Right Out: -232.629+/-389.165 χ^2 /NDF: 0.0/0

Left In: -50.044+/-131.389 χ^2 /NDF:2.8/7

-88.221+/-86.205 χ^2 /NDF: 5.7/19

reg_asym_atr_dd_rms vs slug



Right In: 281.643 ± 0.187 χ^2/NDF : 52.5/1

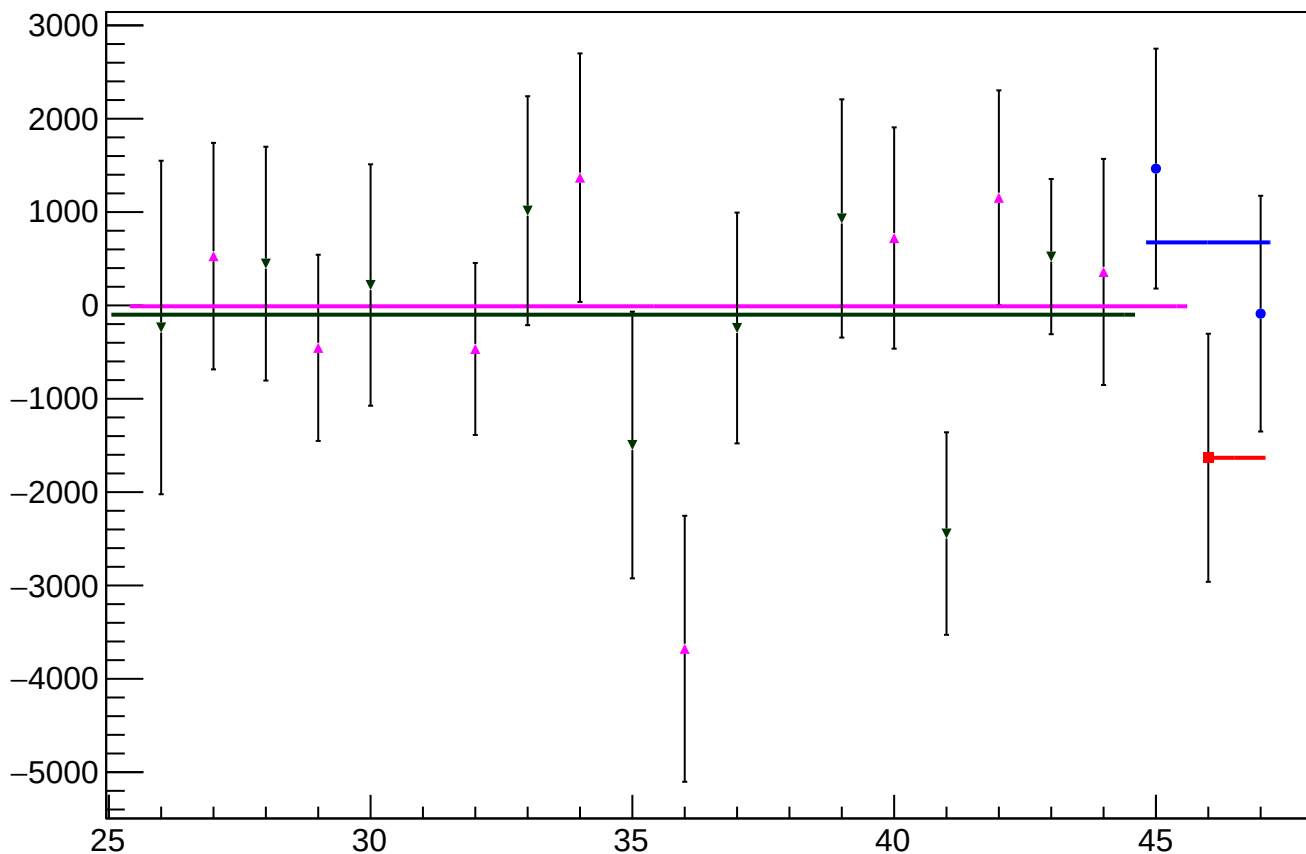
Left Out: 293.238 ± 0.095 χ^2/NDF : 2987.1/8

Right Out: 279.306 ± 0.275 χ^2/NDF : 0.0/0

Left In: 294.031 ± 0.093 χ^2/NDF : 12021.0/7

291.665 ± 0.061 χ^2/NDF : 20872.7/19

asym_atr_dd_correction_mean vs slug



Right In: 675.059 $\pm$ 900.579 χ^2 /NDF: 0.7/1

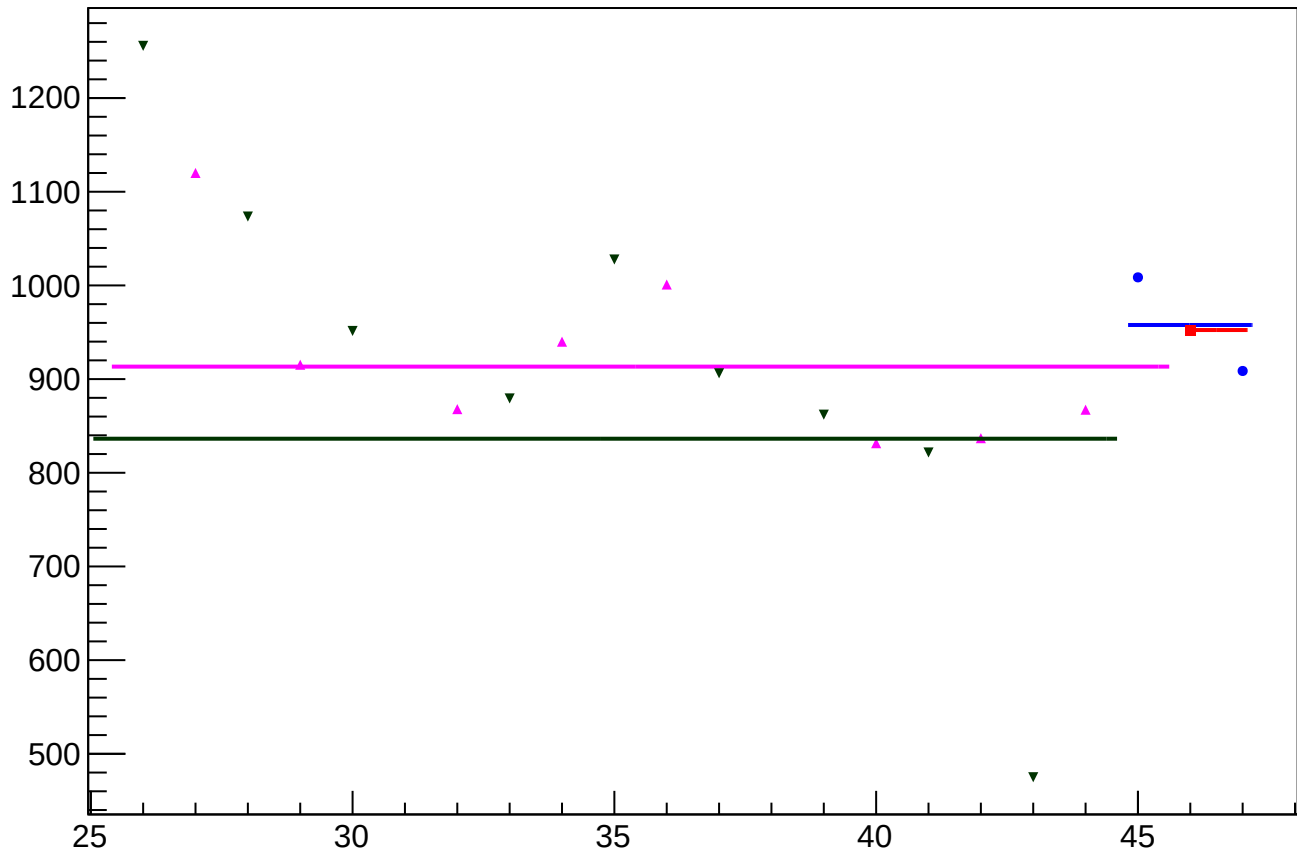
Left Out: -99.338 $\pm$ 399.387 χ^2 /NDF: 7.9/8

Right Out: -1632.299 $\pm$ 1328.639 χ^2 /NDF: 0.0/0

Left In: -9.316 $\pm$ 405.898 χ^2 /NDF: 9.8/7

-54.578 $\pm$ 265.951 χ^2 /NDF: 20.6/19

asym_atr_dd_correction_rms vs slug



Right In: 957.767 $\pm$ 0.637 χ^2 /NDF: 6153.9/1

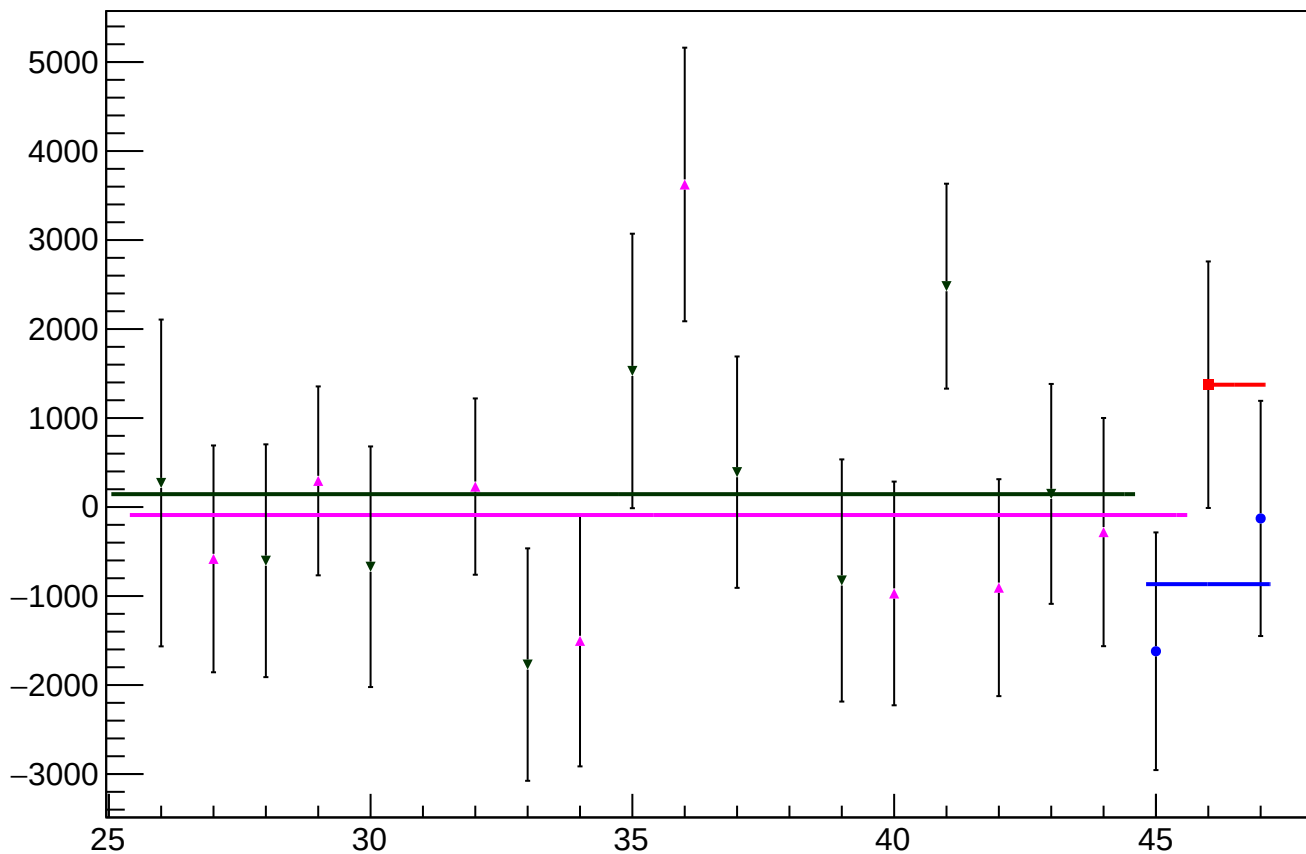
Left Out: 836.361 $\pm$ 0.282 χ^2 /NDF: 621502.5/8

Right Out: 952.377 $\pm$ 0.939 χ^2 /NDF: 0.0/0

Left In: 913.324 $\pm$ 0.287 χ^2 /NDF: 92509.5/7

884.638 $\pm$ 0.188 χ^2 /NDF: 777763.9/19

asym_atr_dd_mean vs slug



Right In: -866.401+/-939.195 χ^2/NDF : 0.6/1

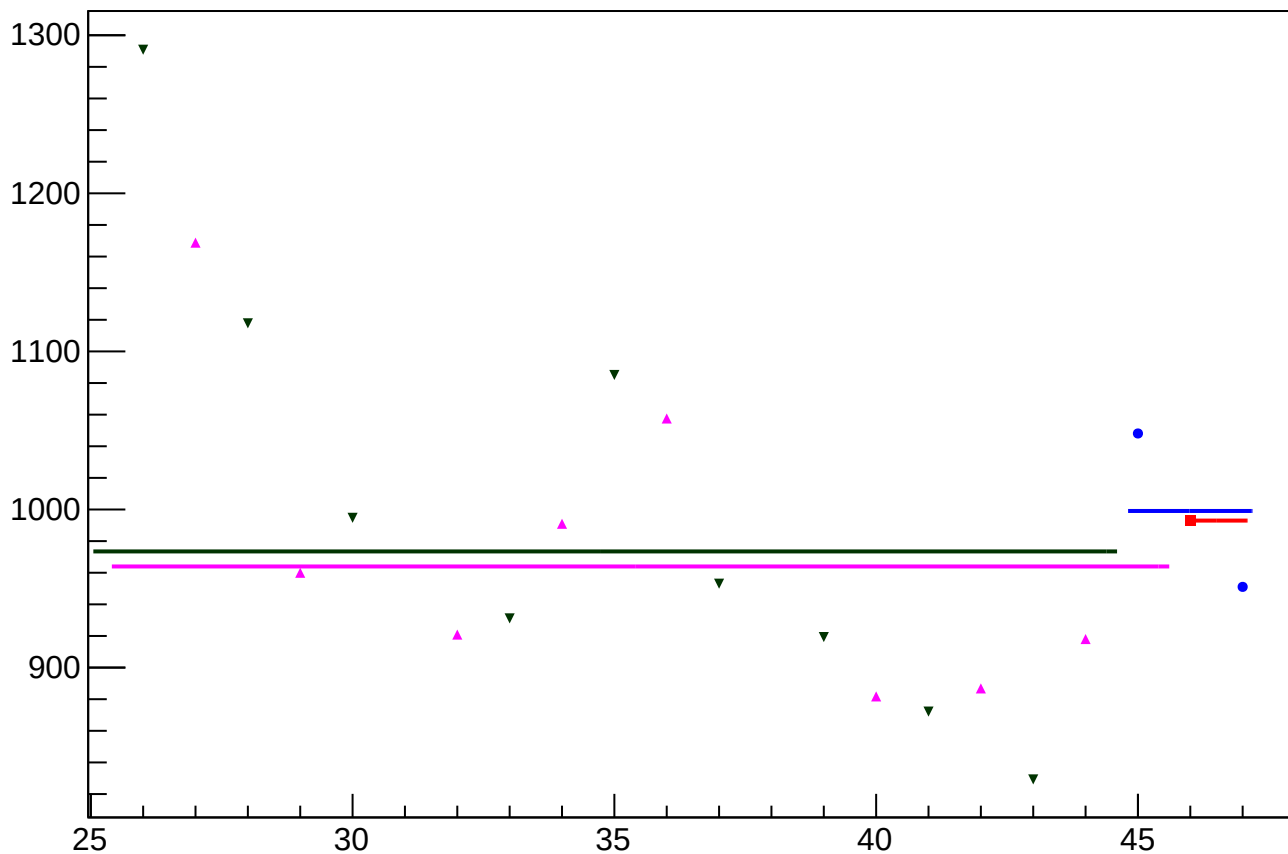
Left Out: 144.740+/-448.245 χ^2/NDF : 8.3/8

Right Out: 1374.512+/-1385.017 χ^2/NDF : 0.0/0

Left In: -89.559+/-431.788 χ^2/NDF : 8.2/7

-2.140+/-288.728 χ^2/NDF : 19.1/19

asym_atr_dd_rms vs slug



Right In: 999.070 $\pm$ 0.664 χ^2 /NDF: 5336.7/1

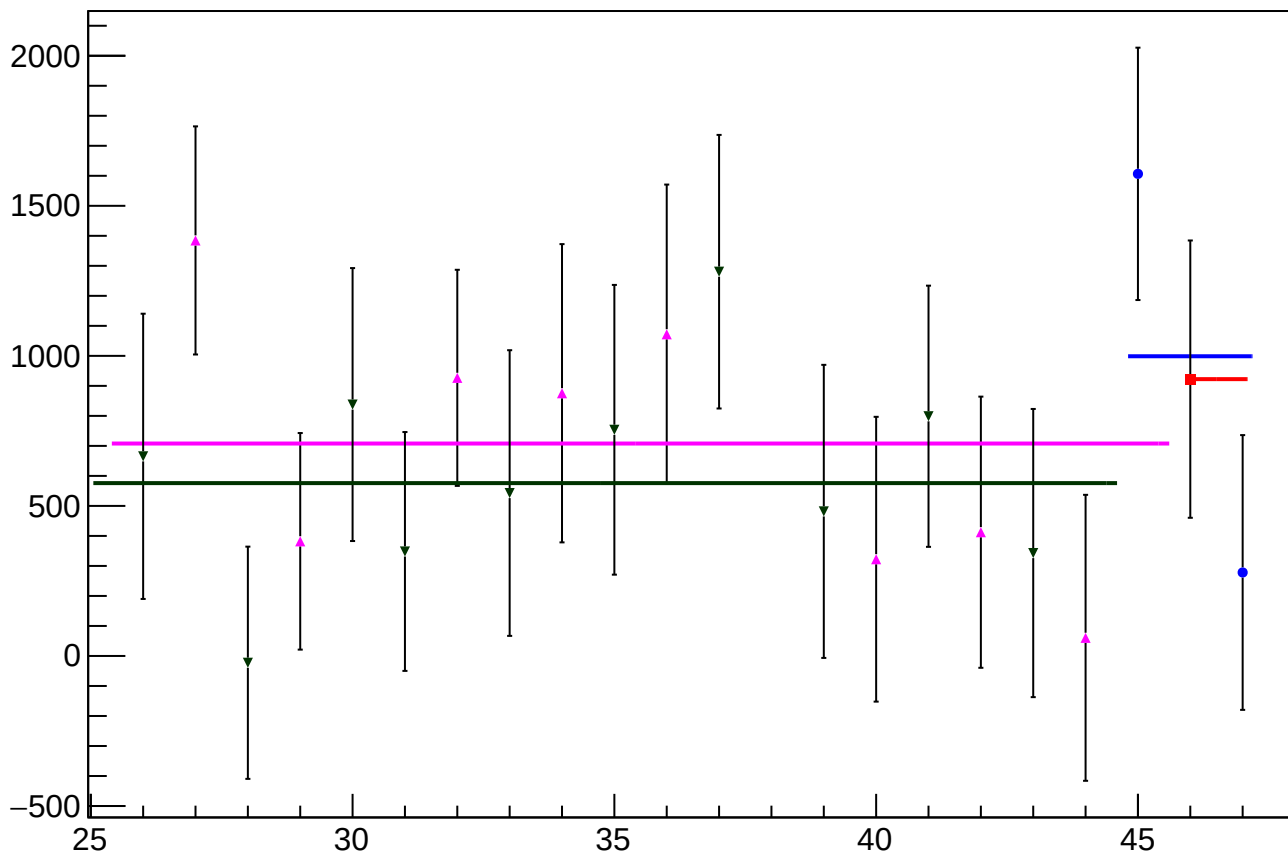
Left Out: 973.478 $\pm$ 0.317 χ^2 /NDF: 143582.3/8

Right Out: 992.985 $\pm$ 0.979 χ^2 /NDF: 0.0/0

Left In: 963.964 $\pm$ 0.305 χ^2 /NDF: 82771.8/7

972.490 $\pm$ 0.204 χ^2 /NDF: 234520.0/19

reg_asym_at1_avg_mean vs slug



Right In: 998.677+/-309.676 χ^2/NDF : 4.6/1

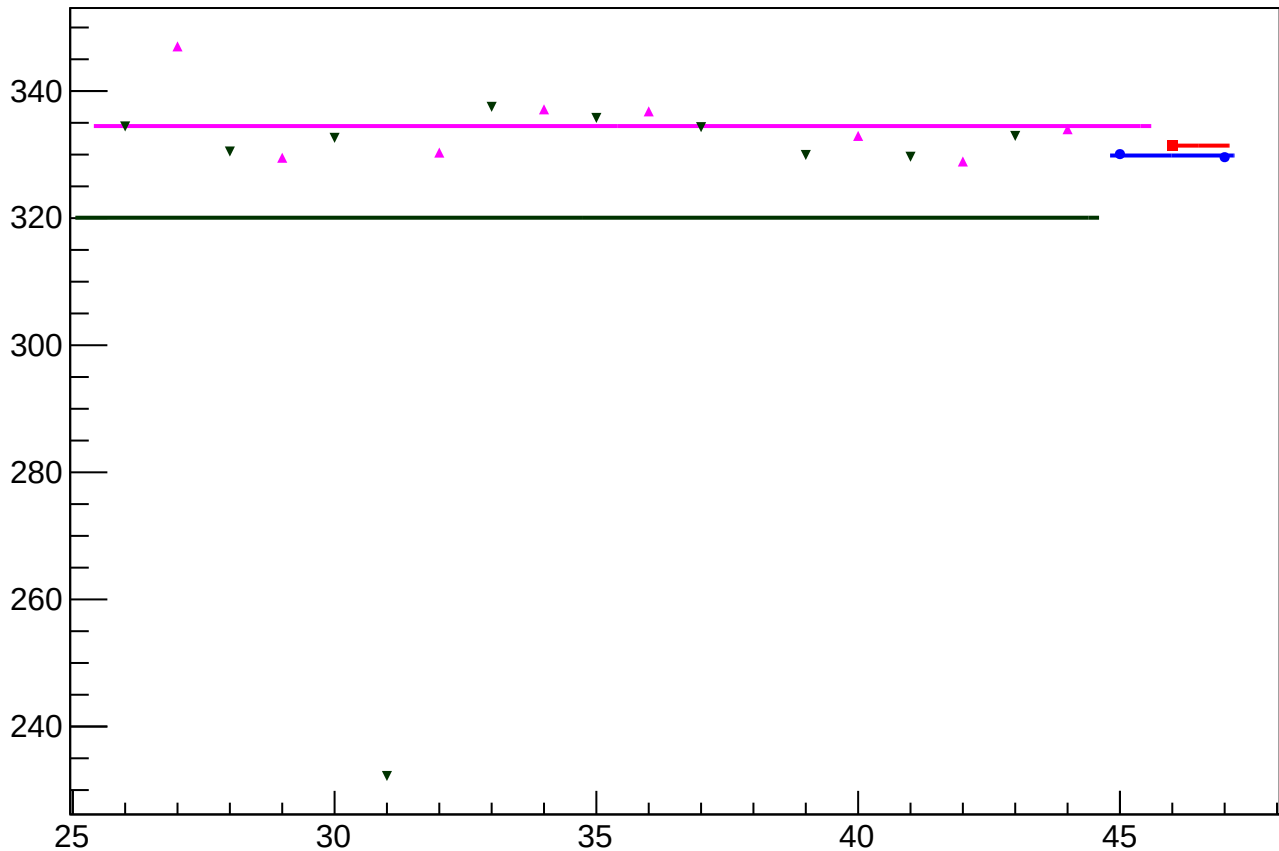
Left Out: 575.997+/-142.011 χ^2/NDF : 6.2/9

Right Out: 922.459+/-462.030 χ^2/NDF : 0.0/0

Left In: 707.882+/-150.536 χ^2/NDF : 7.9/7

684.890+/-95.859 χ^2/NDF : 20.6/20

reg_asym_at1_avg_rms vs slug



Right In: 329.856+/-0.219 χ^2/NDF : 1.2/1

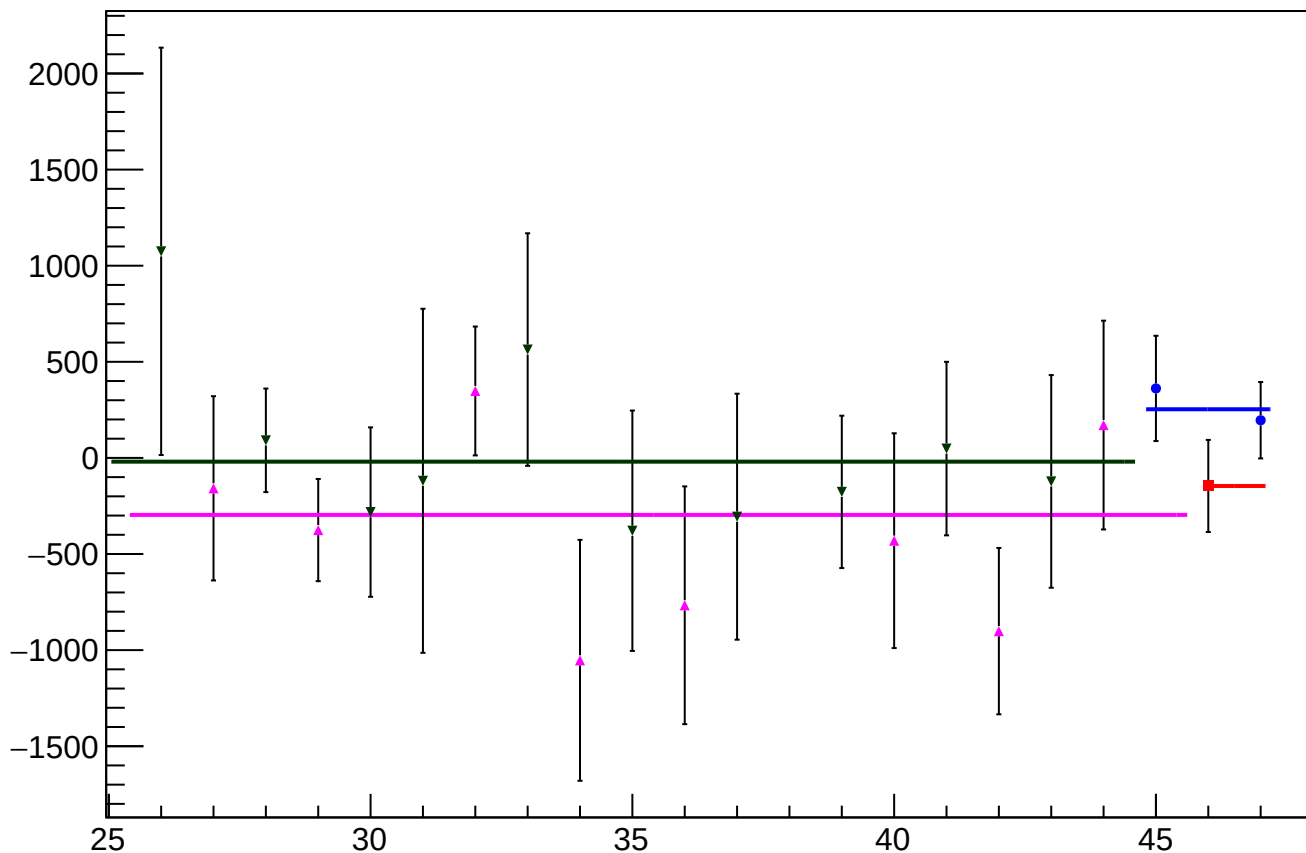
Left Out: 320.067+/-0.100 χ^2/NDF : 112253.2/9

Right Out: 331.413+/-0.327 χ^2/NDF : 0.0/0

Left In: 334.490+/-0.106 χ^2/NDF : 3253.4/7

327.342+/-0.068 χ^2/NDF : 125552.6/20

asym_at1_avg_correction_mean vs slug



Right In: 253.079 $\pm$ 160.817 χ^2 /NDF: 0.2/1

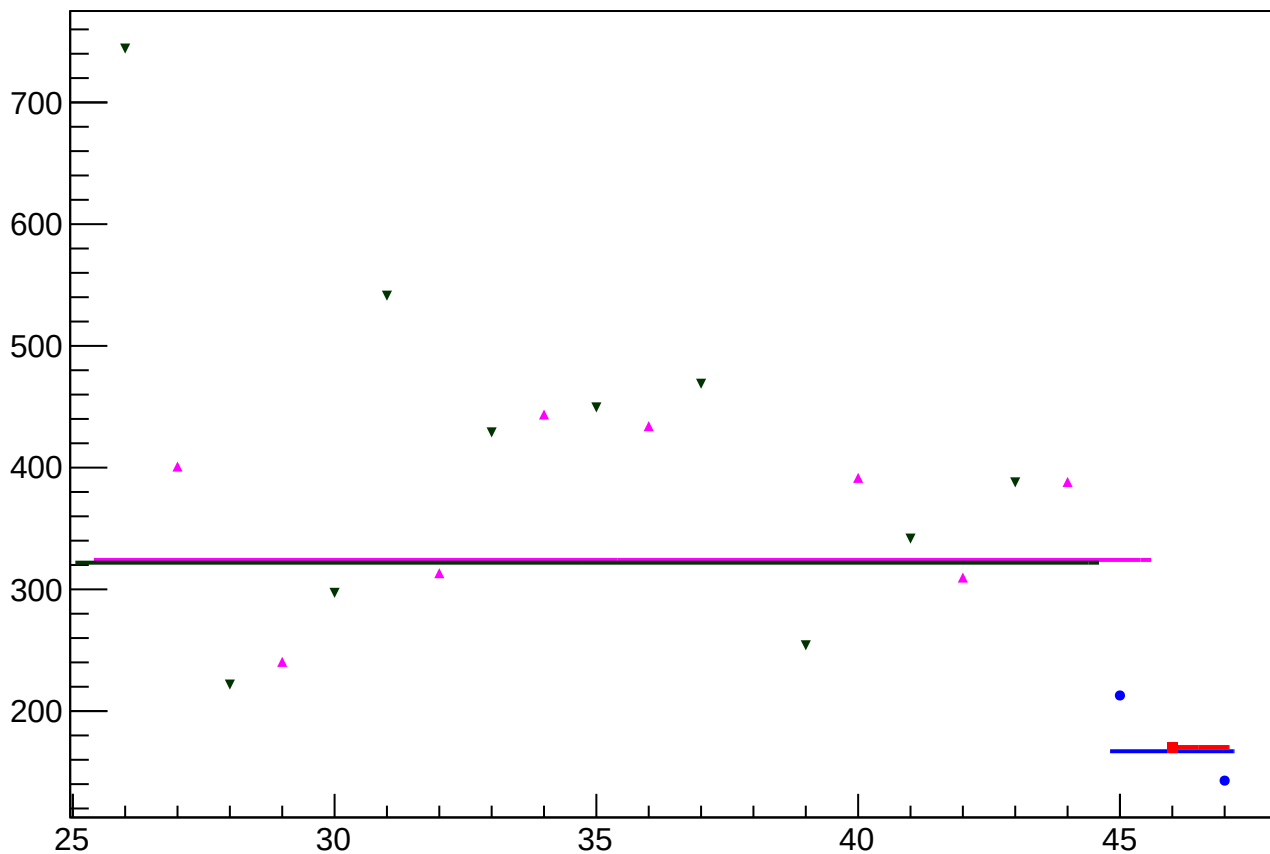
Left Out: -19.517 $\pm$ 151.896 χ^2 /NDF: 3.3/9

Right Out: -145.996 $\pm$ 239.623 χ^2 /NDF: 0.0/0

Left In: -296.652 $\pm$ 149.919 χ^2 /NDF: 8.7/7

-47.261 $\pm$ 83.357 χ^2 /NDF: 18.6/20

asym_at1_avg_correction_rms vs slug



Right In: 167.007+/-0.114 χ^2/NDF : 85493.3/1

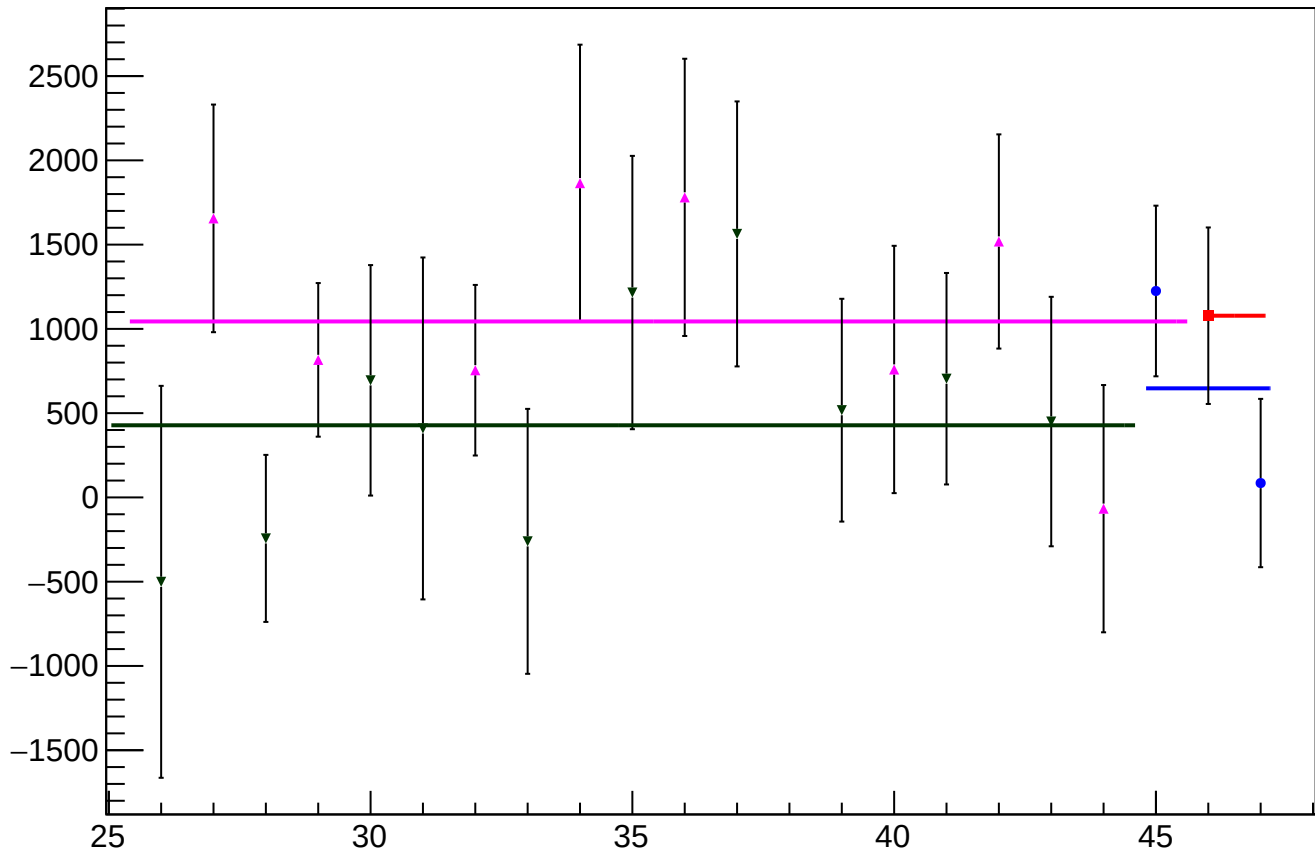
Left Out: 321.920+/-0.107 χ^2/NDF :1062719.8/9

Right Out: 170.470+/-0.169 χ^2/NDF : 0.0/0

Left In: 324.181+/-0.106 χ^2/NDF :446819.9/7

262.670+/-0.059 χ^2/NDF : 3239839.3/20

asym_at1_avg_mean vs slug



Right In: 647.250+/-355.530 χ^2/NDF : 2.6/1

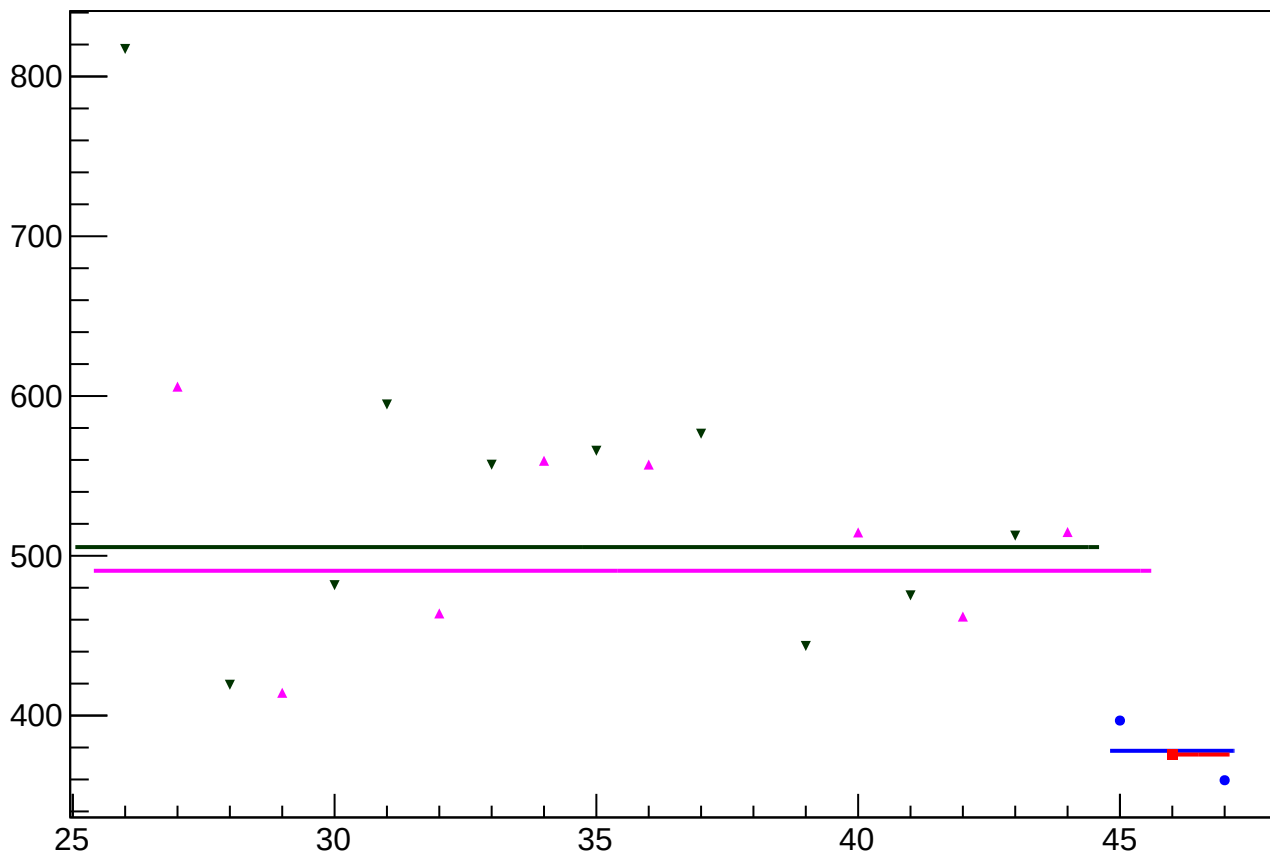
Left Out: 427.989+/-227.432 χ^2/NDF : 6.6/9

751.153+/-140.092 χ^2/NDF : 19.6/20

Right Out: 1078.152+/-523.638 χ^2/NDF : 0.0/0

Left In: 1044.099+/-223.260 χ^2/NDF : 6.2/7

asym_at1_avg_rms vs slug



Right In: 377.940+/-0.251 χ^2/NDF : 5517.1/1

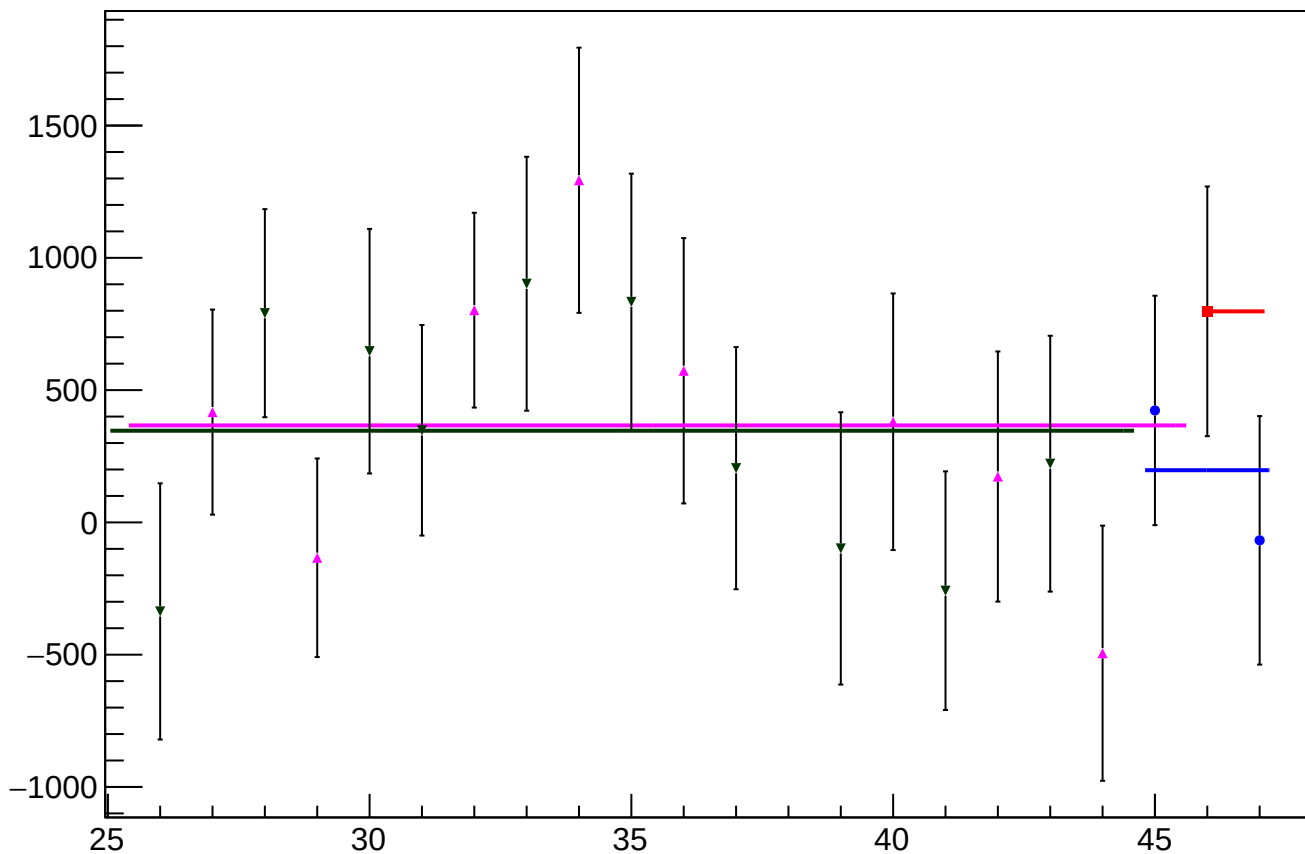
Left Out: 505.449+/-0.161 χ^2/NDF : 280469.5/9

Right Out: 375.600+/-0.370 χ^2/NDF : 0.0/0

Left In: 490.626+/-0.158 χ^2/NDF : 155474.2/7

470.521+/-0.099 χ^2/NDF : 706190.0/20

reg_asym_at1_dd_mean vs slug



Right In: 197.270 $\pm$ 318.585 χ^2 /NDF: 0.6/1

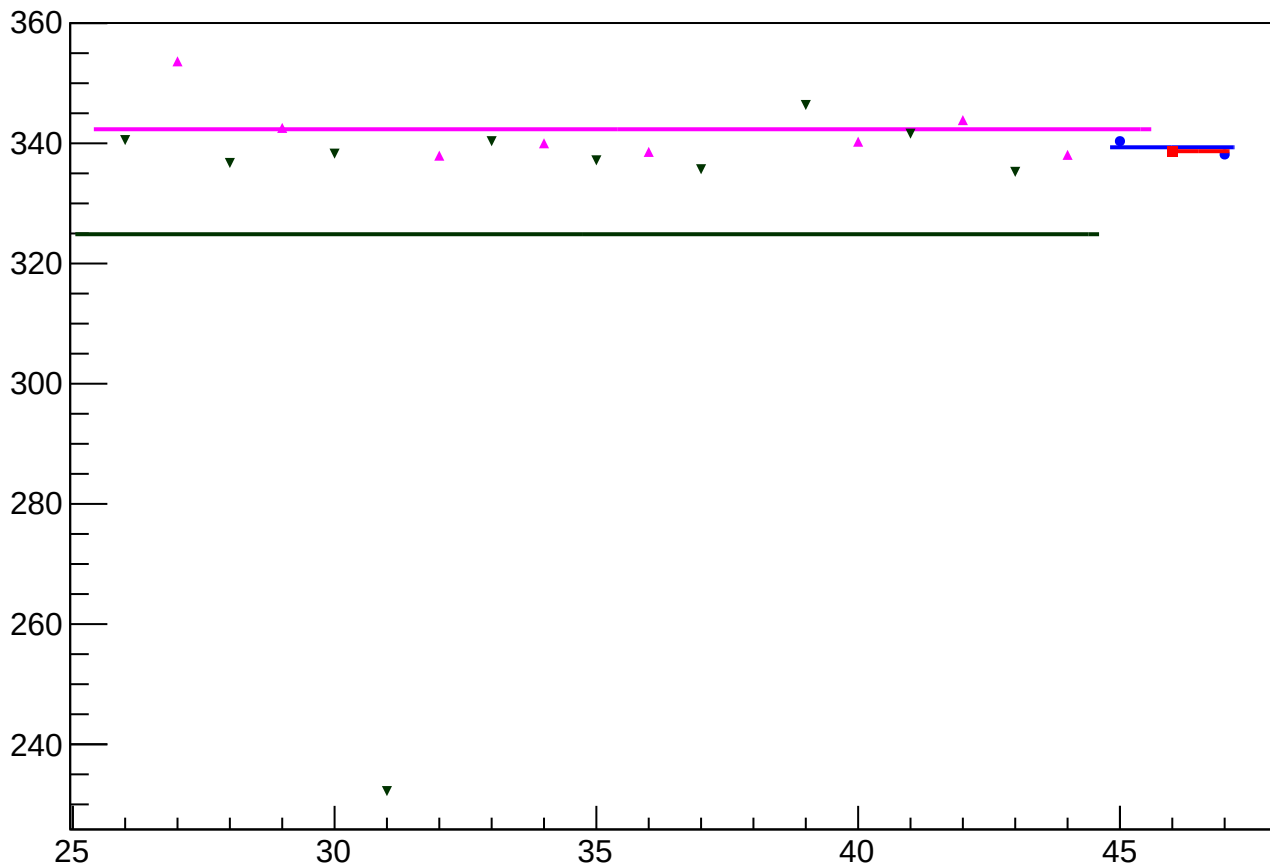
Left Out: 346.550 $\pm$ 144.244 χ^2 /NDF:8.7/9

Right Out: 797.763 $\pm$ 471.897 χ^2 /NDF: 0.0/0

Left In: 366.596 $\pm$ 154.091 χ^2 /NDF:10.1/7

359.942 $\pm$ 97.813 χ^2 /NDF: 20.6/20

reg_asym_at1_dd_rms vs slug



Right In: 339.340 $\pm$ 0.225 χ^2 /NDF: 24.0/1

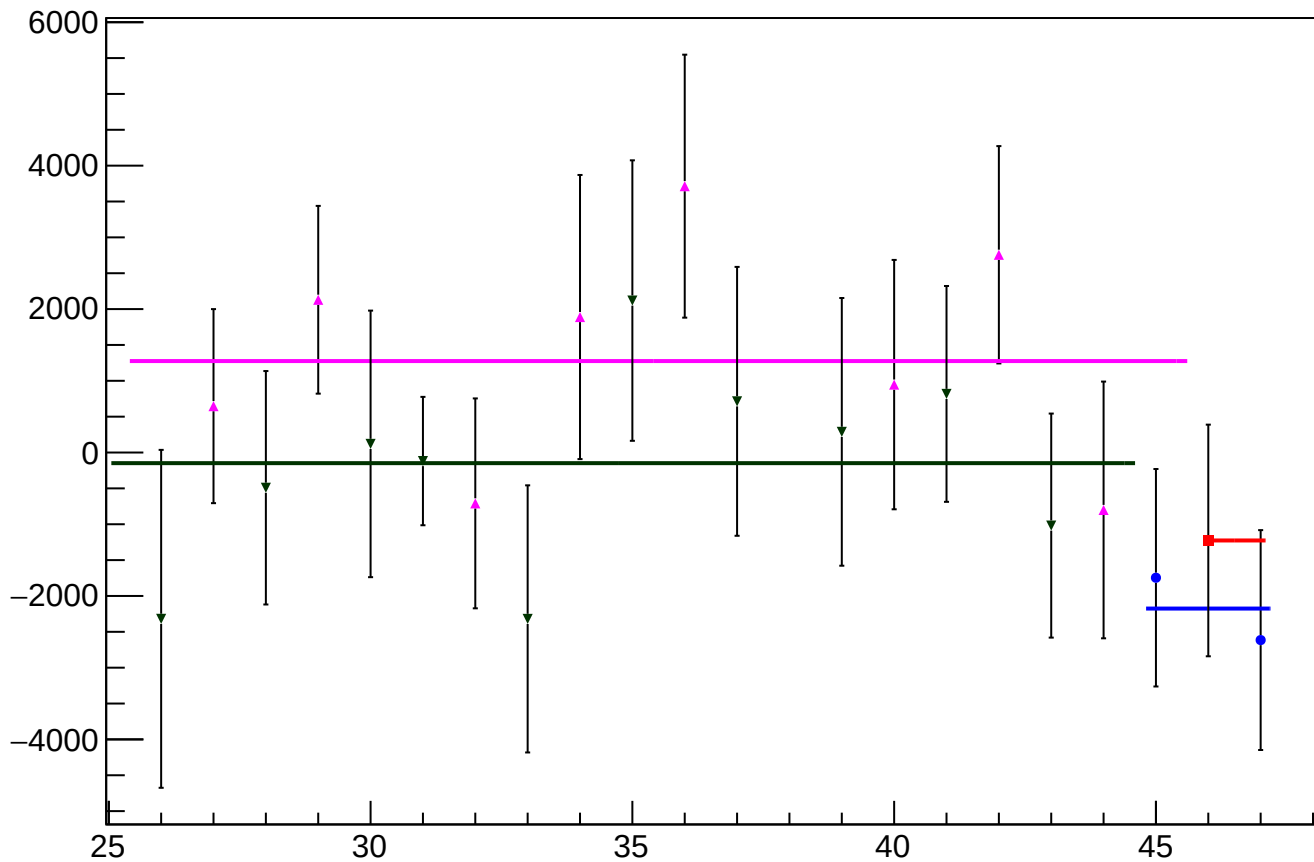
Left Out: 324.874 $\pm$ 0.102 χ^2 /NDF:125663.8/9

Right Out: 338.690 $\pm$ 0.334 χ^2 /NDF: 0.0/0

Left In: 342.341 $\pm$ 0.109 χ^2 /NDF:2355.7/7

333.870 $\pm$ 0.069 χ^2 /NDF: 142664.9/20

asym_at1_dd_correction_mean vs slug



Right In: -2175.730+/-1077.961 χ^2/NDF : 0.2/1

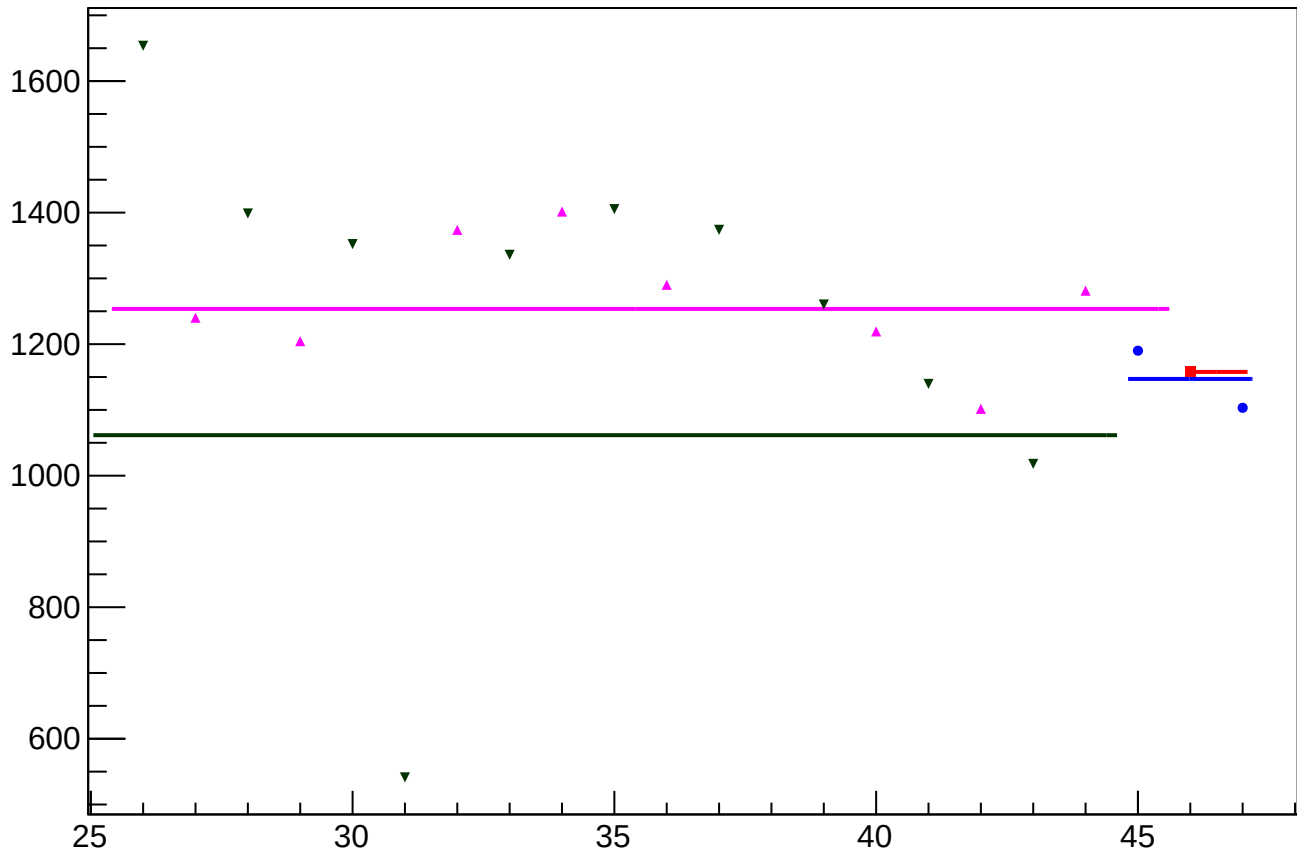
Left Out: -148.157+/-495.767 χ^2/NDF : 4.6/9

137.084+/-342.185 χ^2/NDF : 21.3/20

Right Out: -1226.257+/-1614.975 χ^2/NDF : 0.0/0

Left In: 1275.202+/-556.603 χ^2/NDF : 6.7/7

asym_at1_dd_correction_rms vs slug



Right In: 1147.100+/-0.762 χ^2/NDF : 3242.4/1

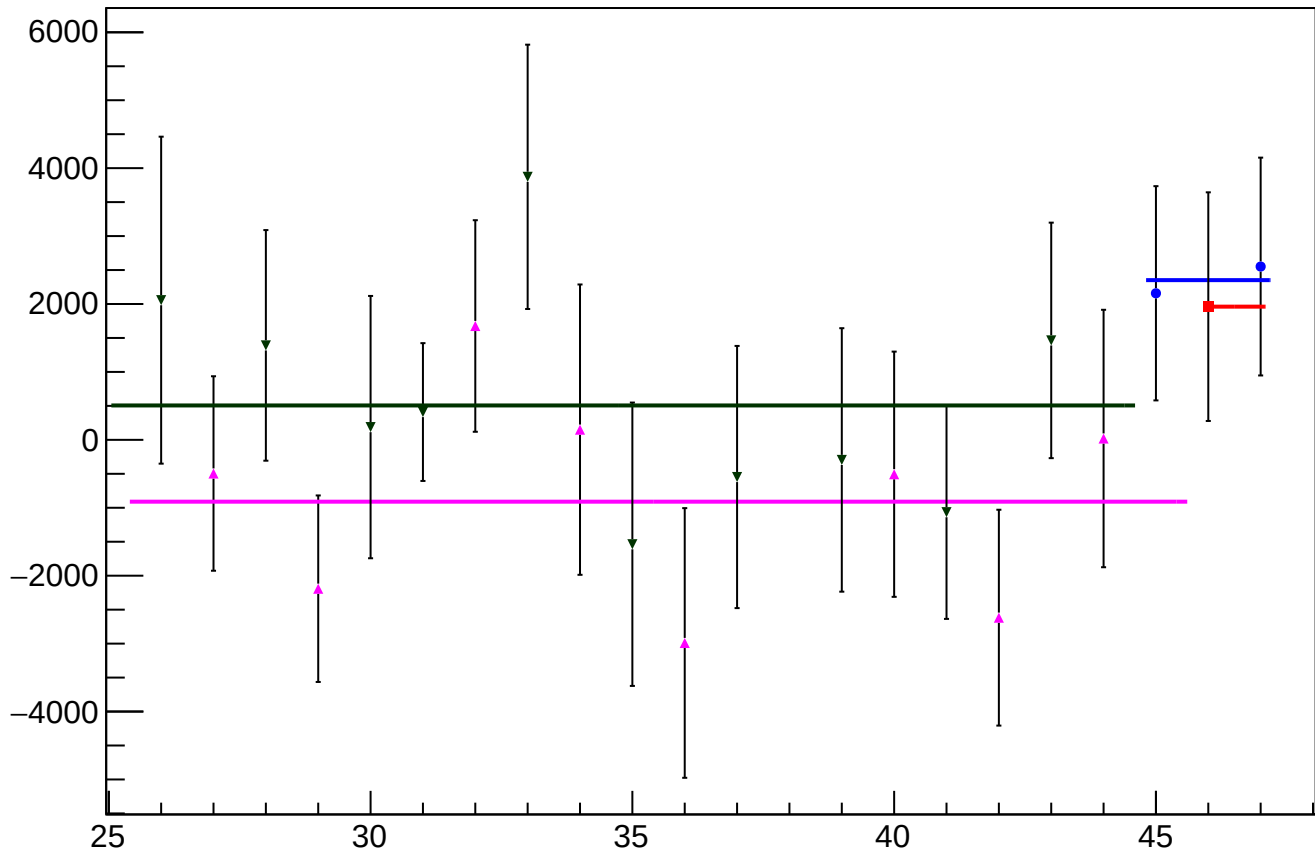
Left Out: 1061.572+/-0.351 χ^2/NDF : 1127322.8/9

1147.075+/-0.242 χ^2/NDF : 1313191.1/20

Right Out: 1157.788+/-1.142 χ^2/NDF : 0.0/0

Left In: 1253.572+/-0.394 χ^2/NDF : 49831.2/7

asym_at1_dd_mean vs slug



Right In: 2351.318 $\pm$ 1124.363 χ^2/NDF : 0.0/1

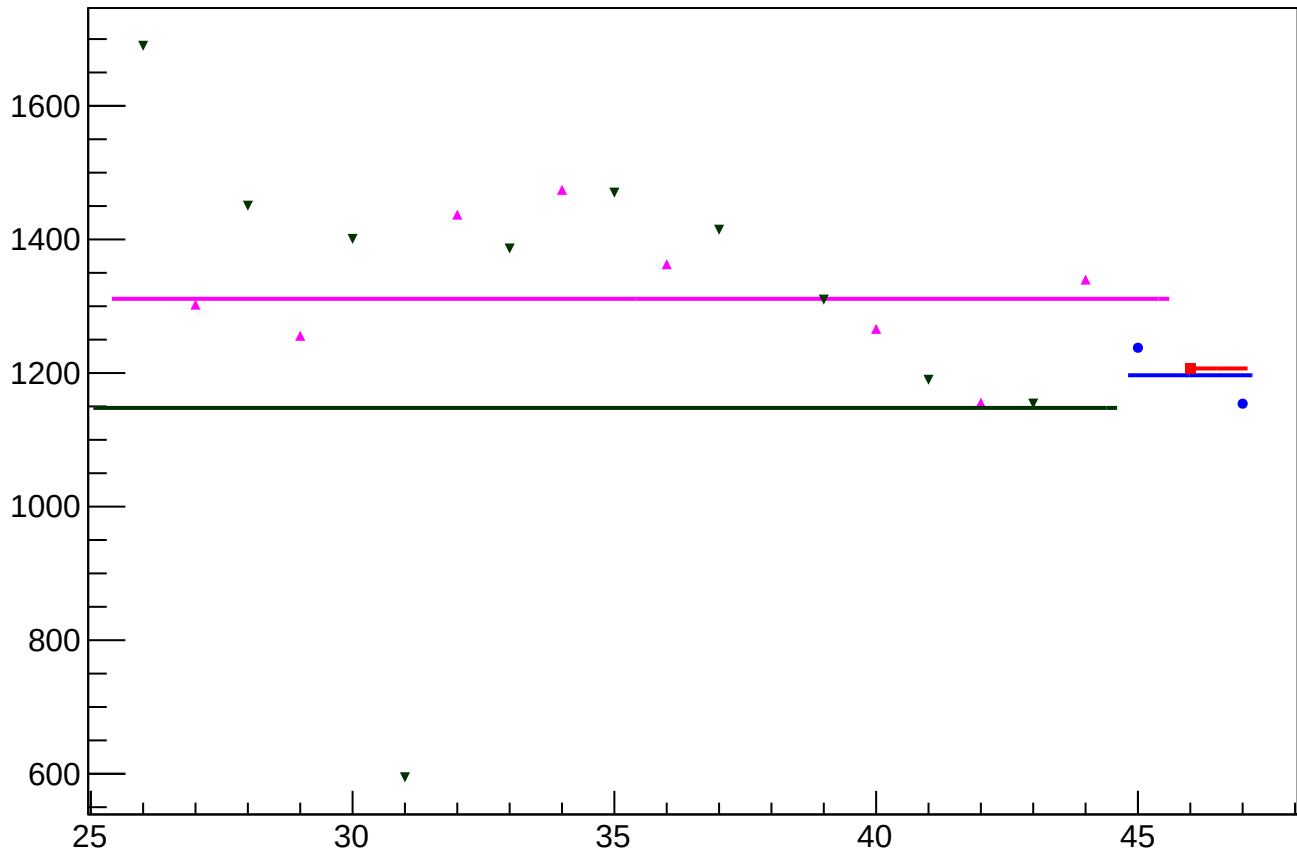
Left Out: 506.383 $\pm$ 532.571 χ^2/NDF : 6.4/9

226.558 $\pm$ 363.829 χ^2/NDF : 21.6/20

Right Out: 1961.013 $\pm$ 1683.084 χ^2/NDF : 0.0/0

Left In: -910.298 $\pm$ 588.767 χ^2/NDF : 6.5/7

asym_at1_dd_rms vs slug



Right In: 1196.656+/-0.795 χ^2 /NDF: 2772.7/1

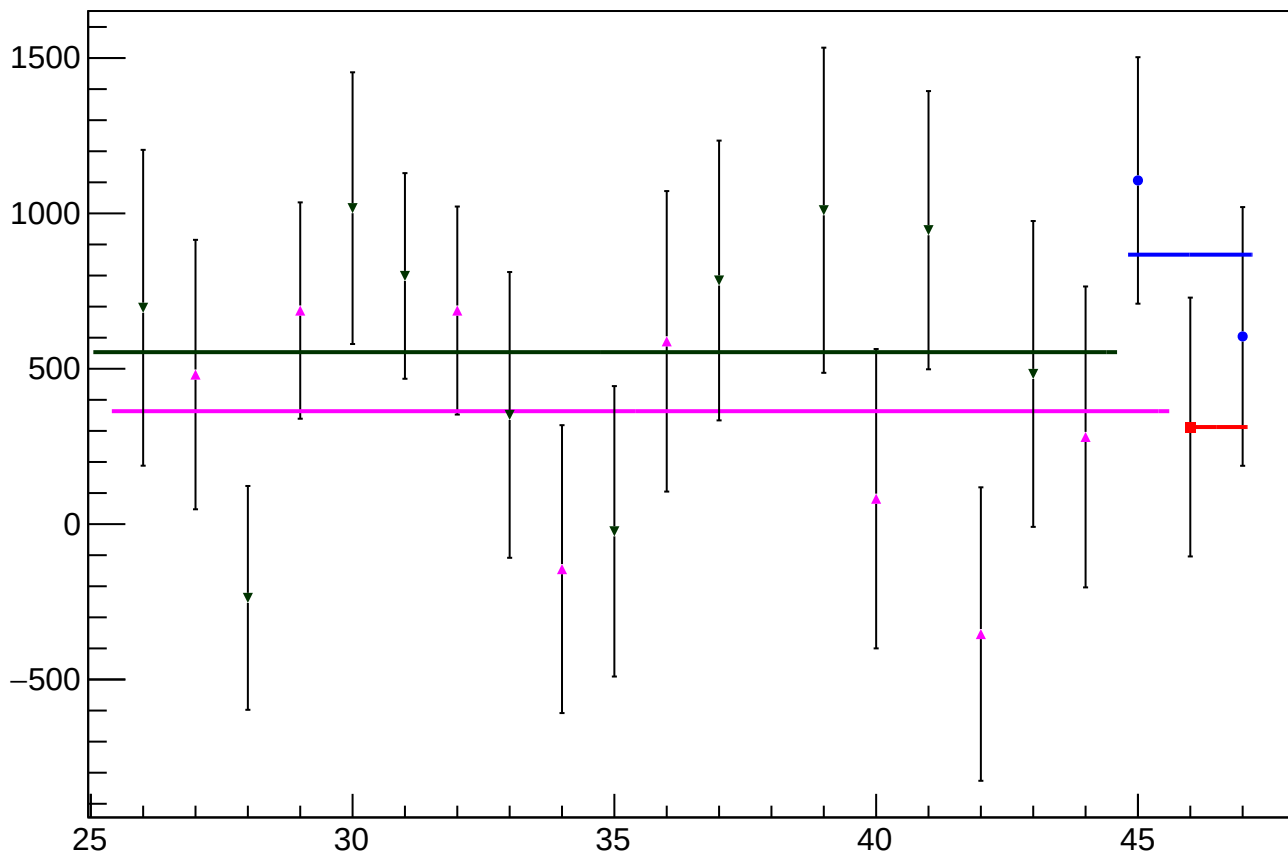
Left Out: 1147.792+/-0.377 χ^2 /NDF: 925332.5/9

Right Out: 1206.842+/-1.190 χ^2 /NDF: 0.0/0

Left In: 1311.120+/-0.416 χ^2 /NDF: 50316.6/7

1218.036+/-0.257 χ^2 /NDF: 1064017.3/20

reg_asym_at2_avg_mean vs slug



Right In: 867.197 $\pm$ 287.175 χ^2 /NDF: 0.8/1

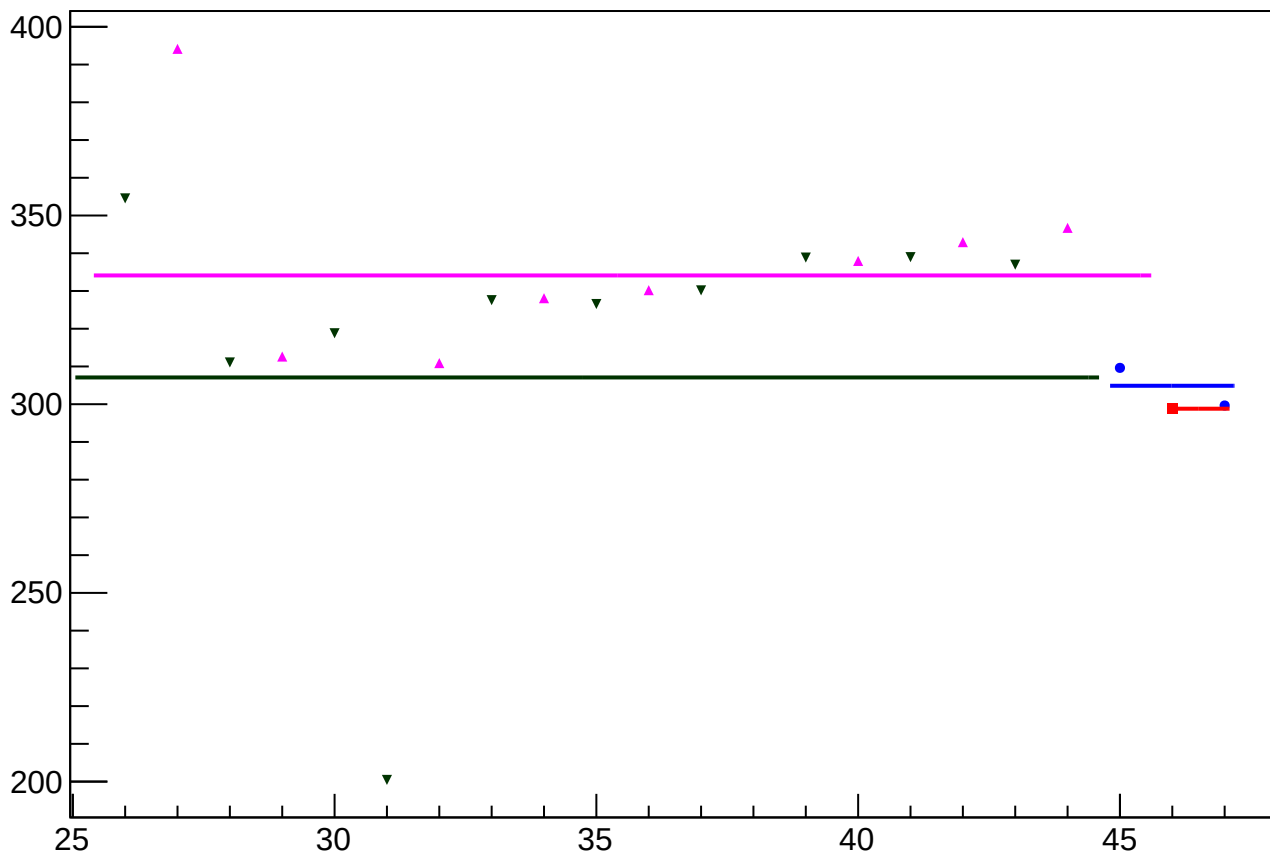
Left Out: 553.456 $\pm$ 137.422 χ^2 /NDF:10.1/9

Right Out: 312.460 $\pm$ 416.506 χ^2 /NDF: 0.0/0

Left In: 363.466 $\pm$ 149.927 χ^2 /NDF:6.0/7

501.110 $\pm$ 93.117 χ^2 /NDF: 19.7/20

reg_asym_at2_avg_rms vs slug



Right In: 304.884+/-0.203 χ^2/NDF : 601.3/1

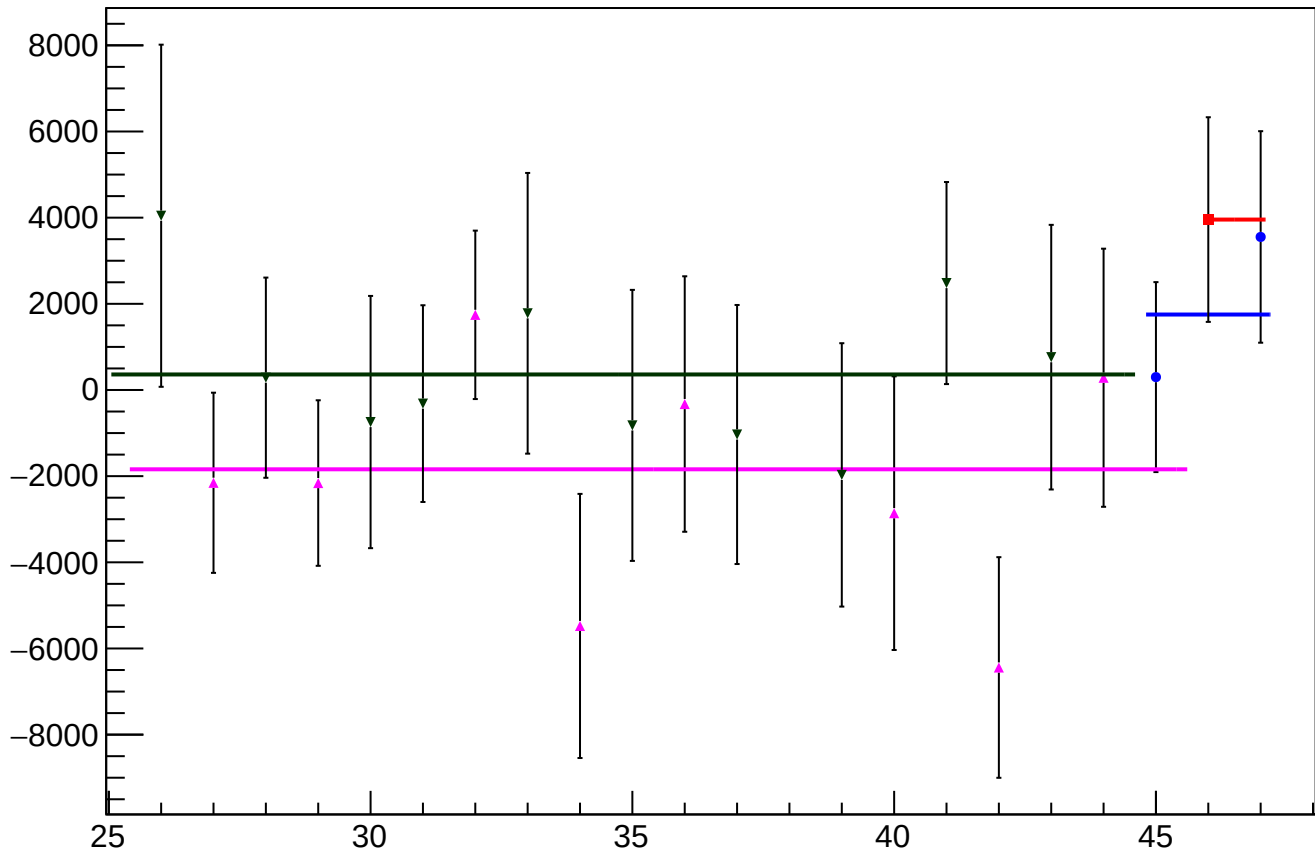
Left Out: 307.088+/-0.097 χ^2/NDF : 264389.0/9

Right Out: 298.806+/-0.295 χ^2/NDF : 0.0/0

Left In: 334.120+/-0.106 χ^2/NDF : 58261.7/7

316.869+/-0.066 χ^2/NDF : 367107.9/20

asym_at2_avg_correction_mean vs slug



Right In: 1751.492 $\pm$ 1640.247 χ^2/NDF : 1.0/1

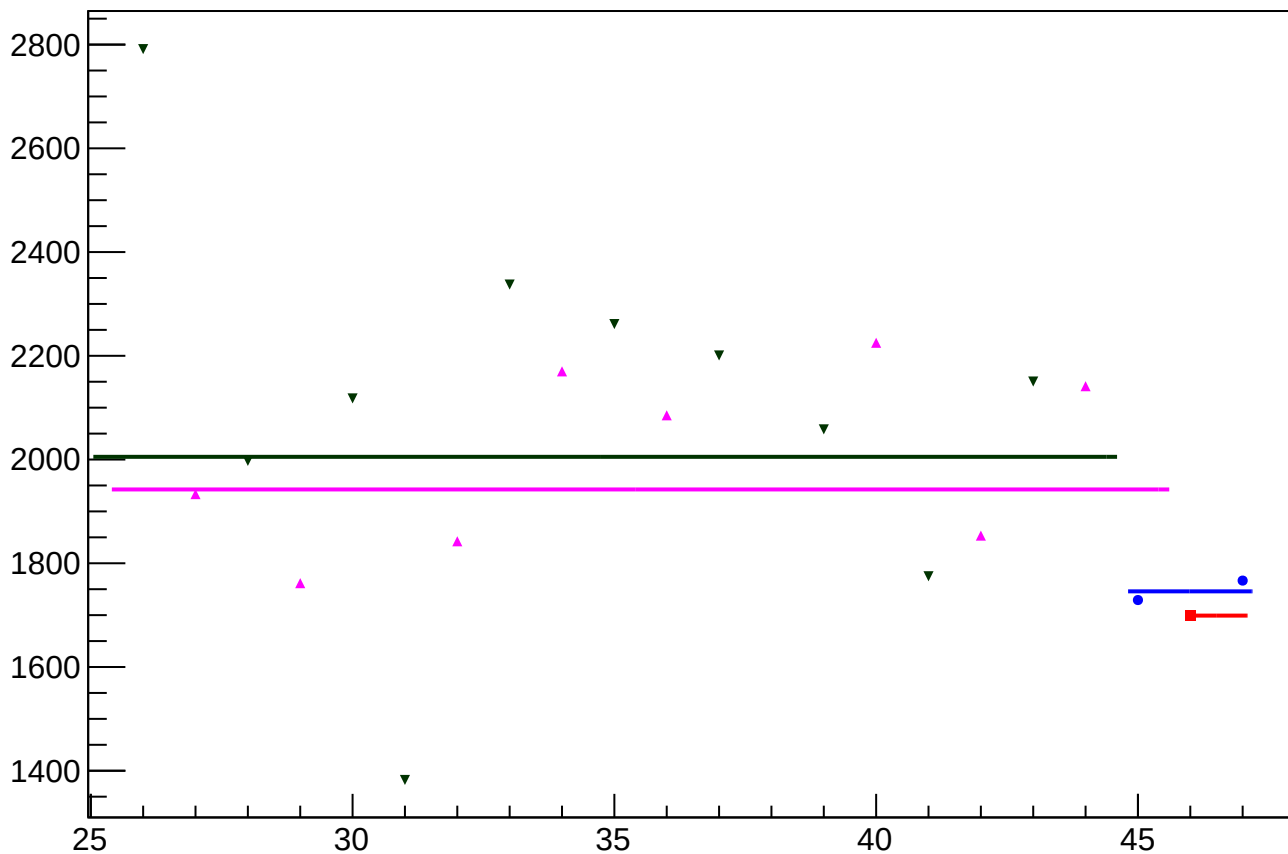
Left Out: 360.394 $\pm$ 891.597 χ^2/NDF : 3.1/9

-212.555 $\pm$ 563.304 χ^2/NDF : 21.4/20

Right Out: 3955.736 $\pm$ 2375.019 χ^2/NDF : 0.0/0

Left In: -1841.139 $\pm$ 862.403 χ^2/NDF : 8.9/7

asym_at2_avg_correction_rms vs slug



Right In: 1745.858+/-1.160 χ^2/NDF : 258.1/1

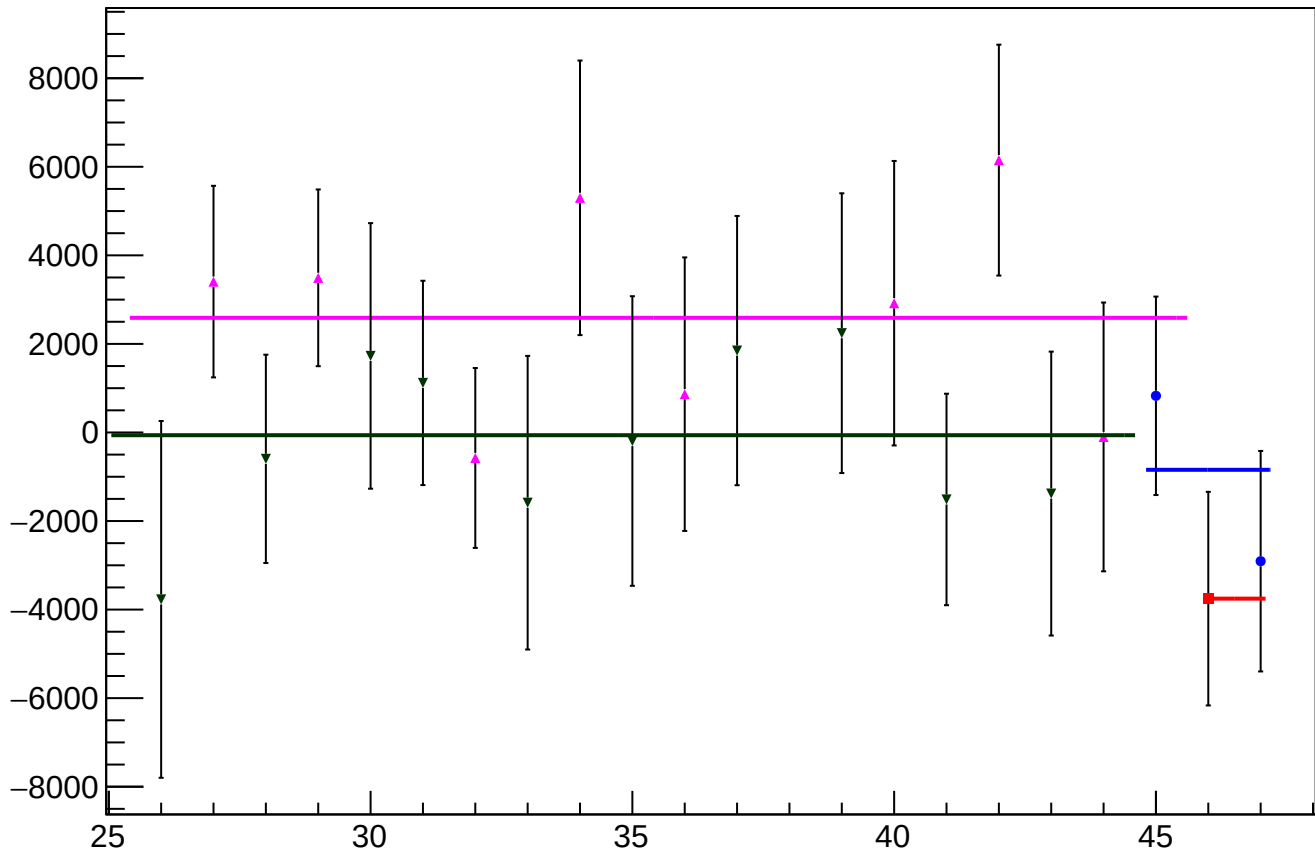
Left Out: 2005.233+/-0.630 χ^2/NDF : 297094.3/9

Right Out: 1699.105+/-1.679 χ^2/NDF : 0.0/0

Left In: 1942.323+/-0.610 χ^2/NDF : 65741.6/7

1930.581+/-0.398 χ^2/NDF : 421849.9/20

asym_at2_avg_mean vs slug



Right In: -843.349+/-1665.696 χ^2/NDF : 1.2/1

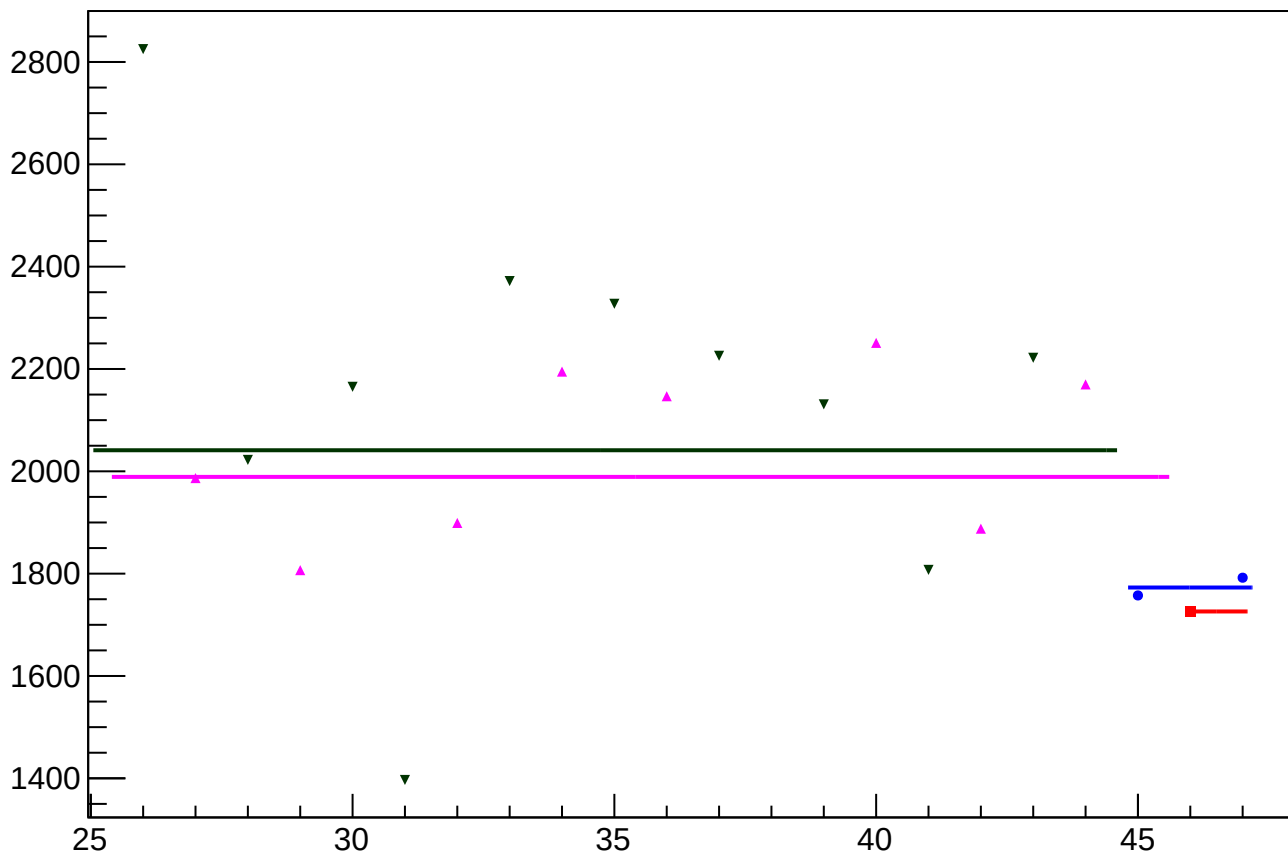
Left Out: -61.919+/-910.241 χ^2/NDF : 3.2/9

751.544+/-576.615 χ^2/NDF : 20.4/20

Right Out: -3752.506+/-2412.238 χ^2/NDF : 0.0/0

Left In: 2588.988+/-887.904 χ^2/NDF : 6.5/7

asym_at2_avg_rms vs slug



Right In: 1772.901+/-1.178 χ^2/NDF : 214.3/1

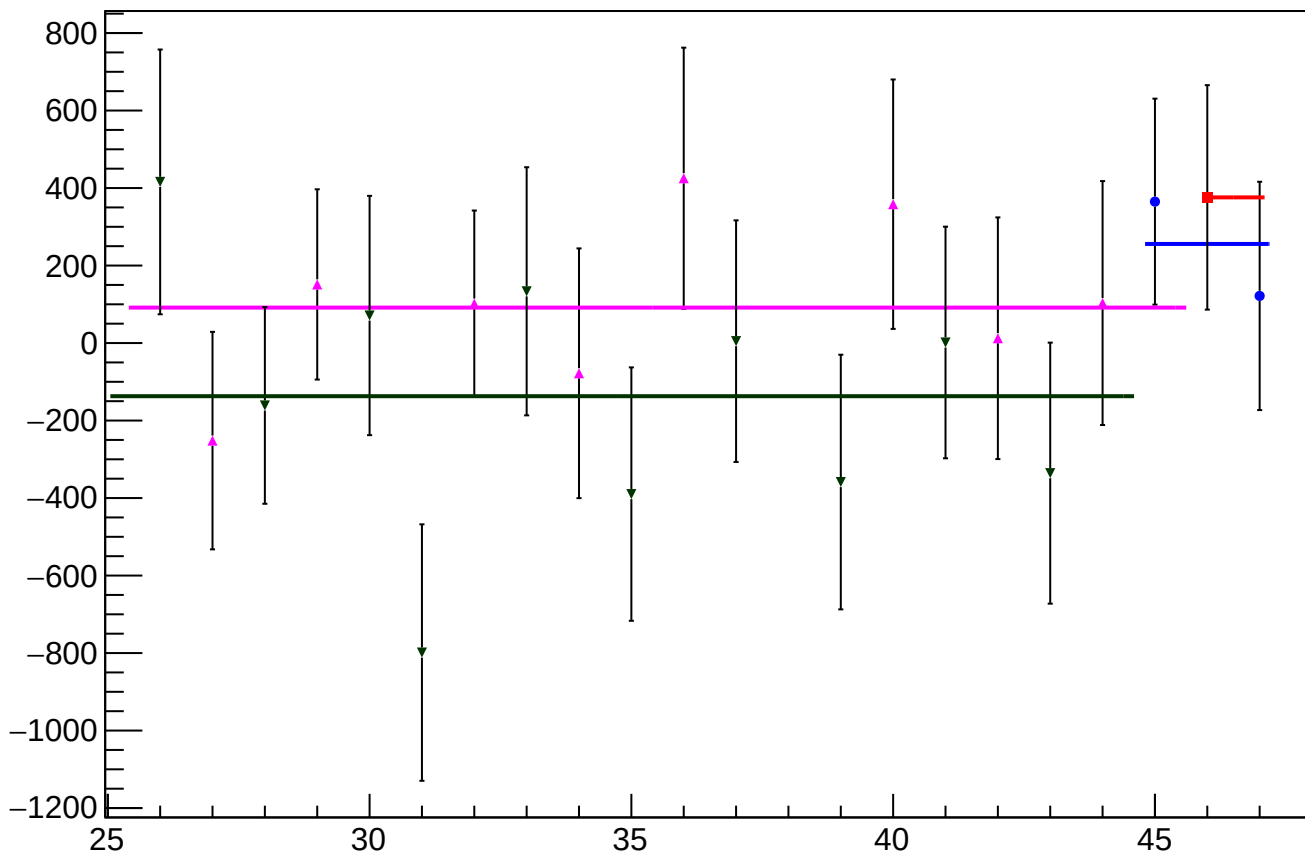
Left Out: 2041.174+/-0.644 χ^2/NDF : 305006.8/9

Right Out: 1726.086+/-1.706 χ^2/NDF : 0.0/0

Left In: 1989.103+/-0.628 χ^2/NDF : 58029.8/7

1969.062+/-0.408 χ^2/NDF : 424851.2/20

reg_asym_at2_dd_mean vs slug



Right In: 255.750 $\pm$ 197.319 χ^2 /NDF: 0.4/1

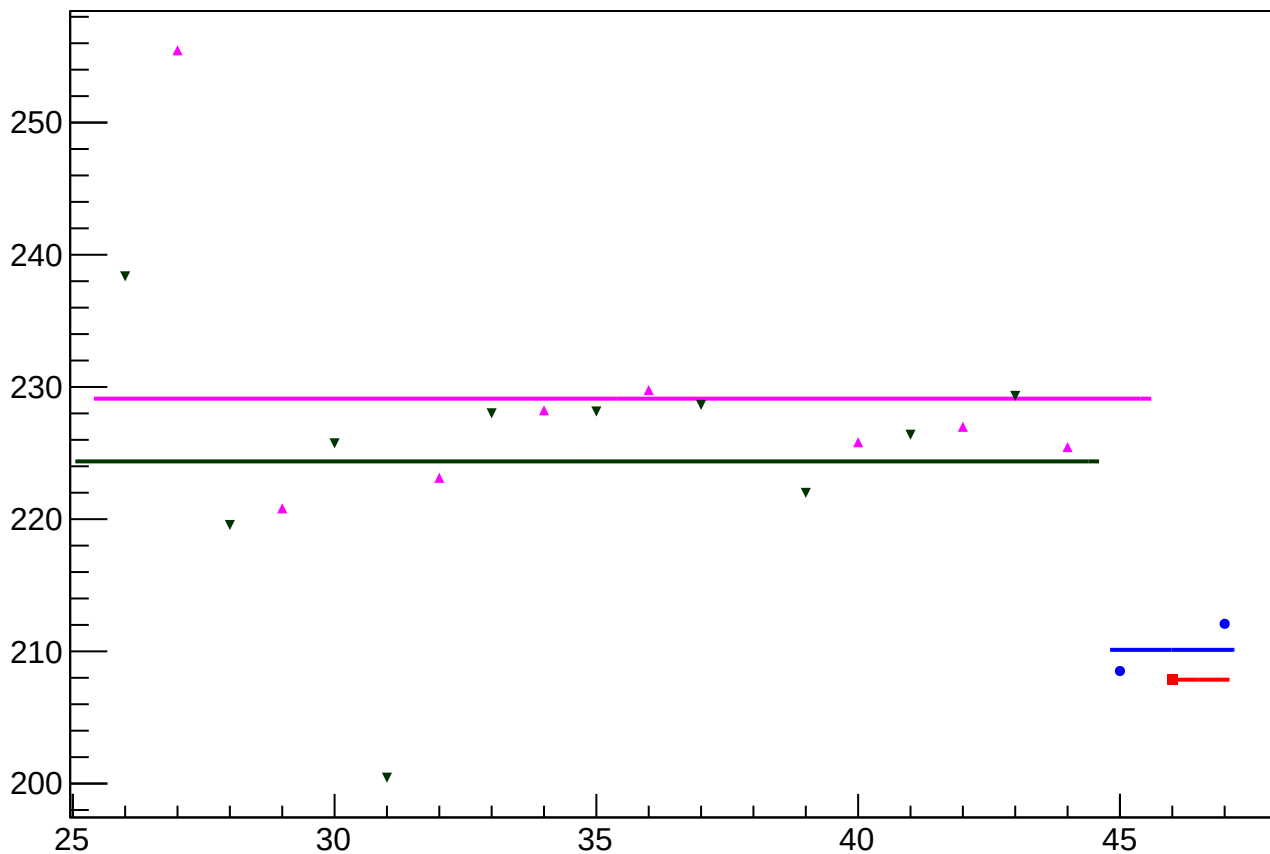
Left Out: -137.146 $\pm$ 98.824 χ^2 /NDF: 9.6/9

Right Out: 375.901 $\pm$ 289.628 χ^2 /NDF: 0.0/0

Left In: 91.498 $\pm$ 102.557 χ^2 /NDF: 3.6/7

24.274 $\pm$ 65.222 χ^2 /NDF: 19.5/20

reg_asym_at2_dd_rms vs slug



Right In: 210.116 $\pm$ 0.140 χ^2 /NDF: 161.9/1

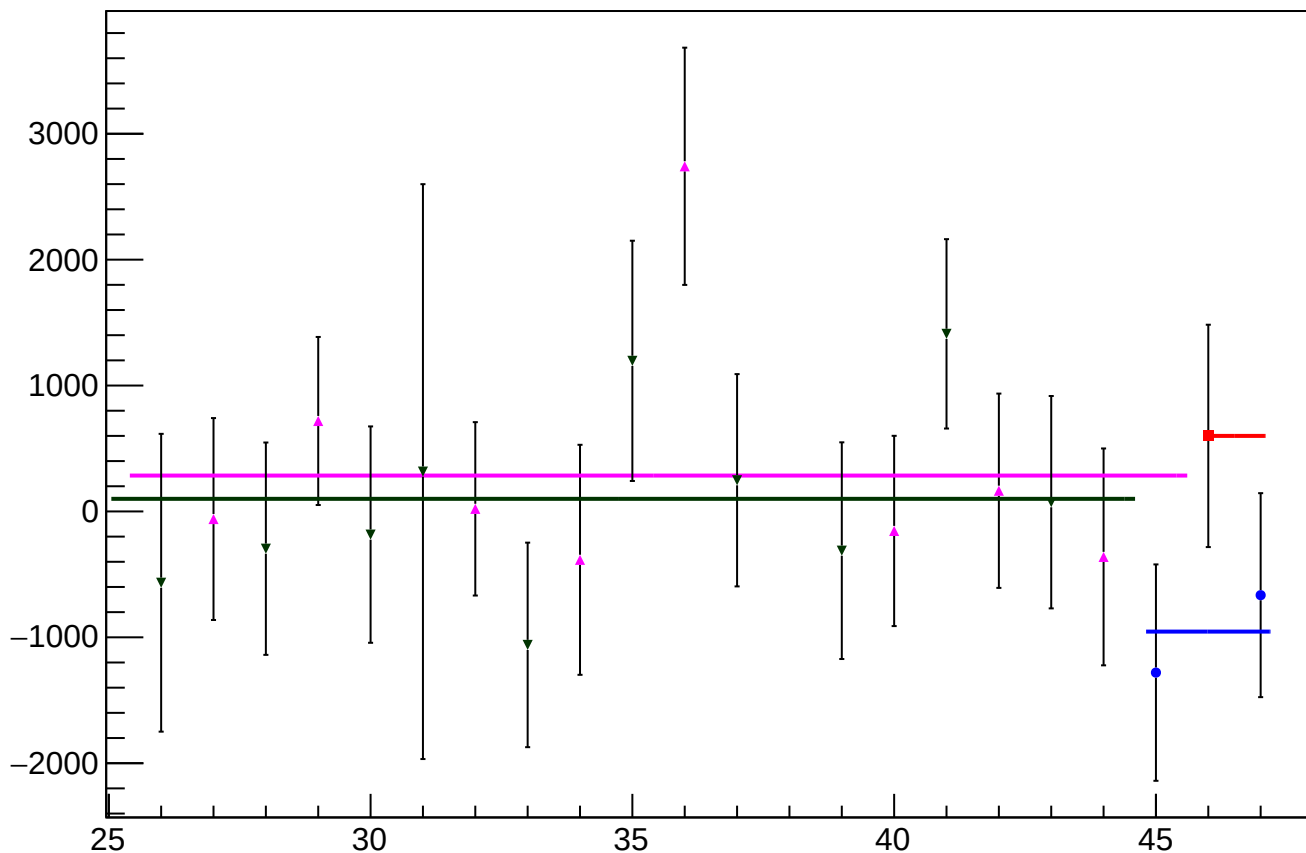
Left Out: 224.370 $\pm$ 0.070 χ^2 /NDF: 16099.6/9

223.895 $\pm$ 0.046 χ^2 /NDF: 59121.9/20

Right Out: 207.859 $\pm$ 0.205 χ^2 /NDF: 0.0/0

Left In: 229.116 $\pm$ 0.073 χ^2 /NDF: 21747.0/7

asym_at2_dd_correction_mean vs slug



Right In: -954.506+/-589.516 χ^2/NDF : 0.3/1

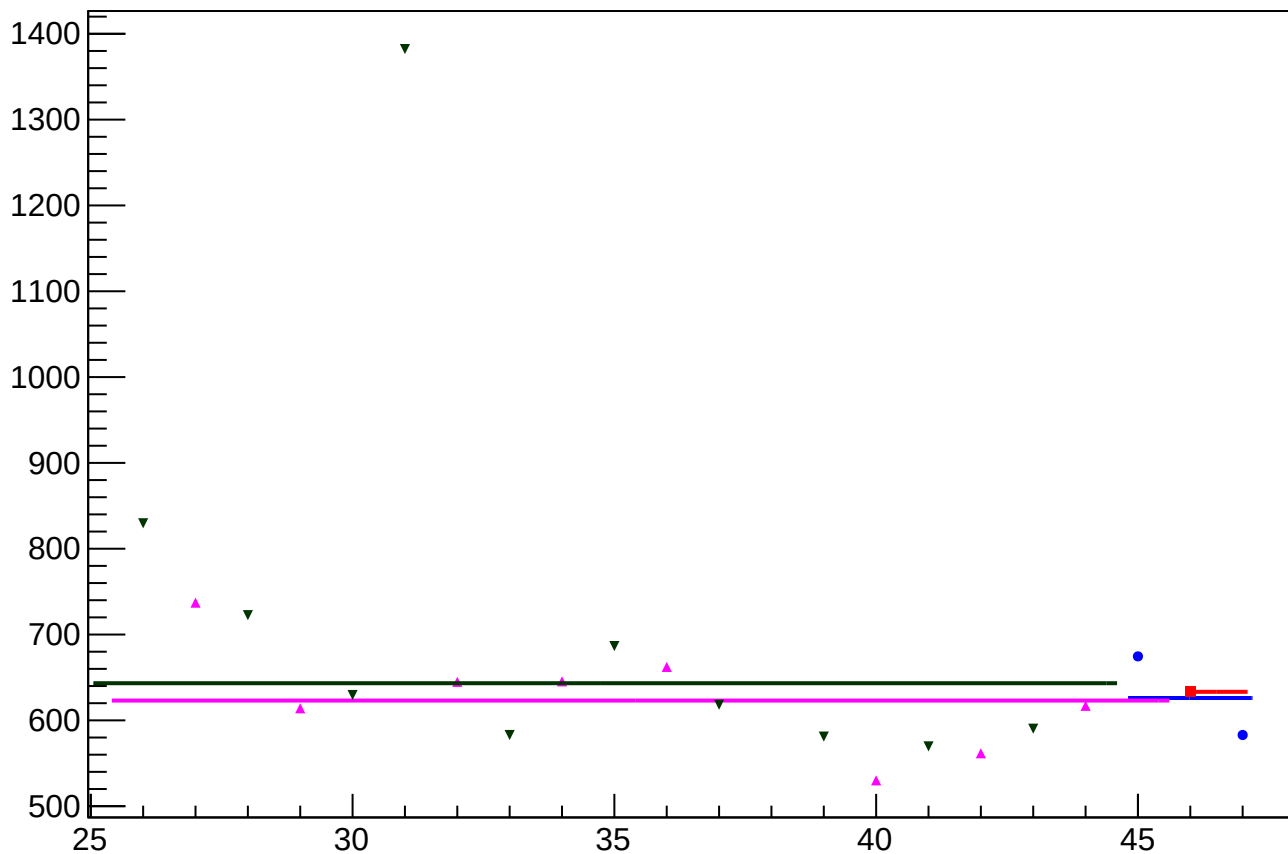
Left Out: 100.061+/-286.186 χ^2/NDF : 7.3/9

Right Out: 599.980+/-883.188 χ^2/NDF : 0.0/0

Left In: 284.973+/-277.238 χ^2/NDF : 9.0/7

100.477+/-184.492 χ^2/NDF : 20.6/20

asym_at2_dd_correction_rms vs slug



Right In: 626.061+/-0.417 χ^2/NDF : 12032.2/1

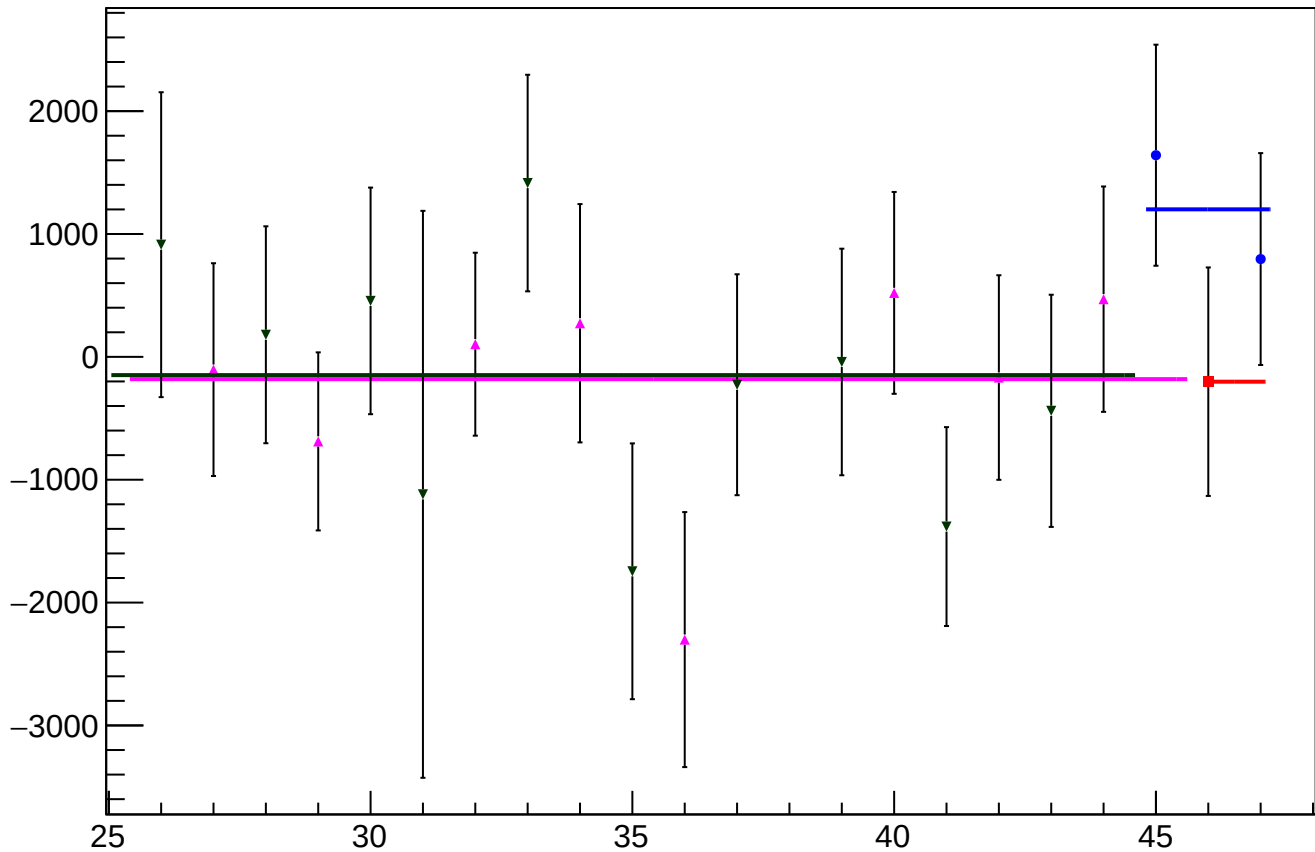
Left Out: 643.291+/-0.202 χ^2/NDF : 331702.9/9

Right Out: 633.246+/-0.625 χ^2/NDF : 0.0/0

Left In: 623.079+/-0.196 χ^2/NDF : 90546.3/7

632.215+/-0.130 χ^2/NDF : 439669.7/20

asym_at2_dd_mean vs slug



Right In: 1200.750+/-622.511 χ^2/NDF : 0.5/1

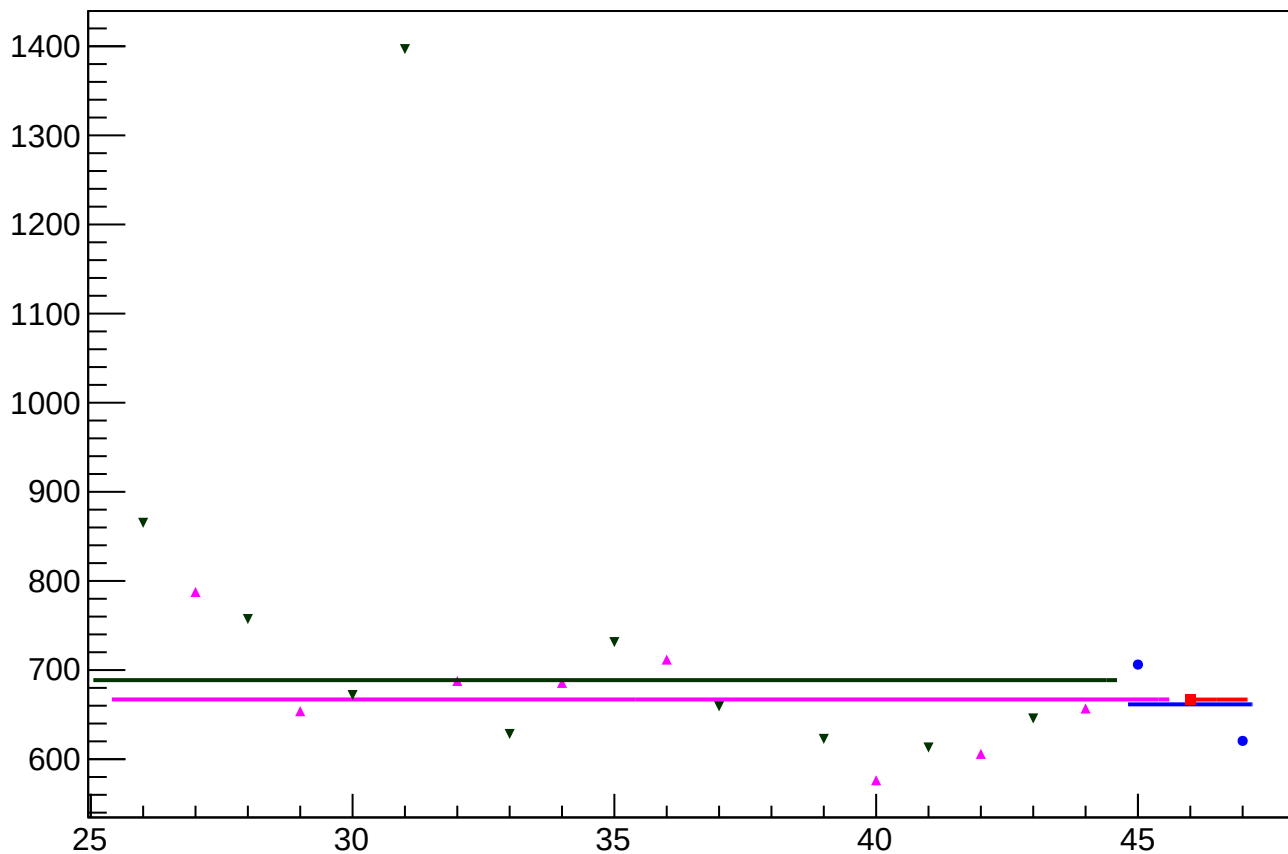
Left Out: -148.570+/-307.642 χ^2/NDF : 9.4/9

-28.546+/-198.227 χ^2/NDF : 20.5/20

Right Out: -202.100+/-929.910 χ^2/NDF : 0.0/0

Left In: -181.362+/-299.528 χ^2/NDF : 6.3/7

asym_at2_dd_rms vs slug



Right In: 661.518+/-0.440 χ^2/NDF : 9444.5/1

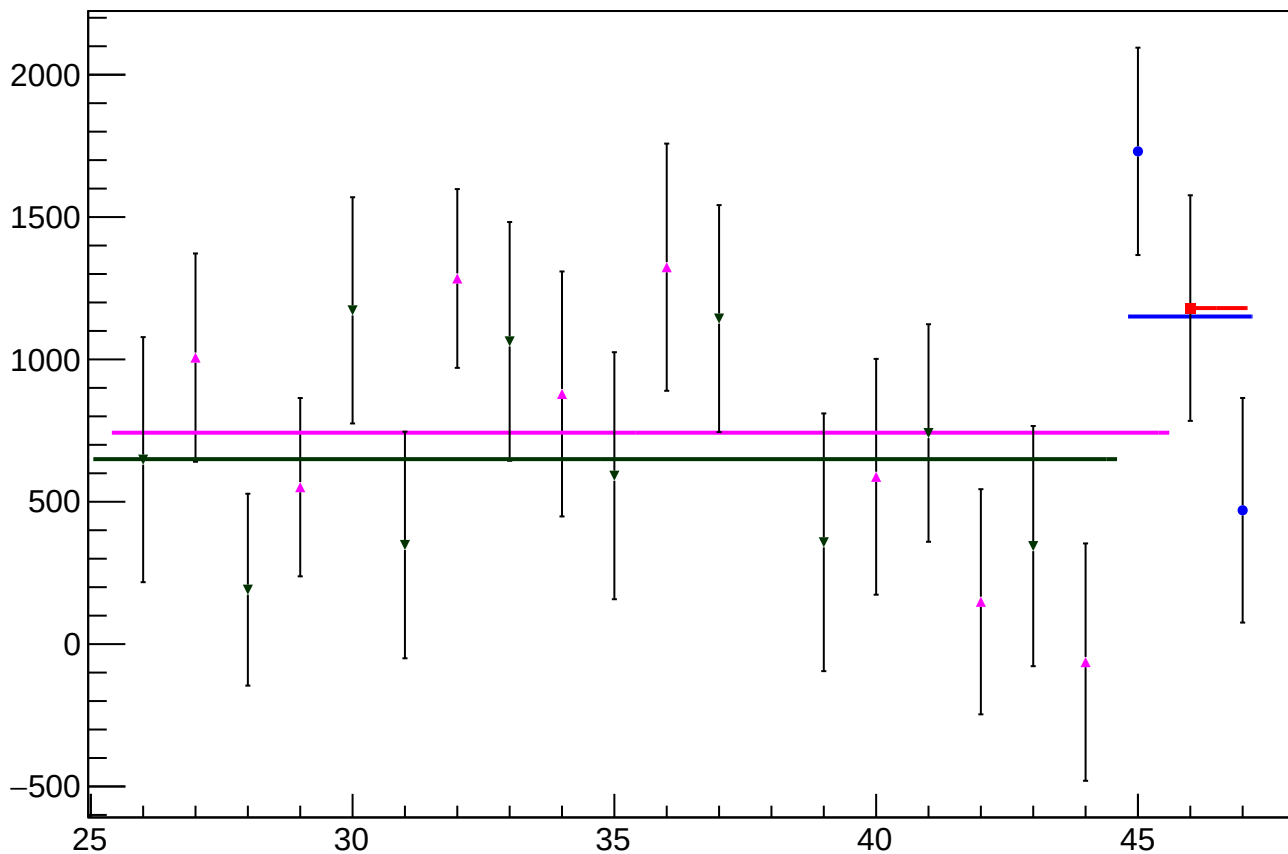
Left Out: 688.695+/-0.218 χ^2/NDF : 288286.6/9

Right Out: 666.885+/-0.658 χ^2/NDF : 0.0/0

Left In: 667.019+/-0.212 χ^2/NDF : 80872.1/7

675.455+/-0.140 χ^2/NDF : 385066.7/20

reg_asym_atl1r2_avg_mean vs slug



Right In: 1150.672+/-267.592 χ^2/NDF : 5.5/1

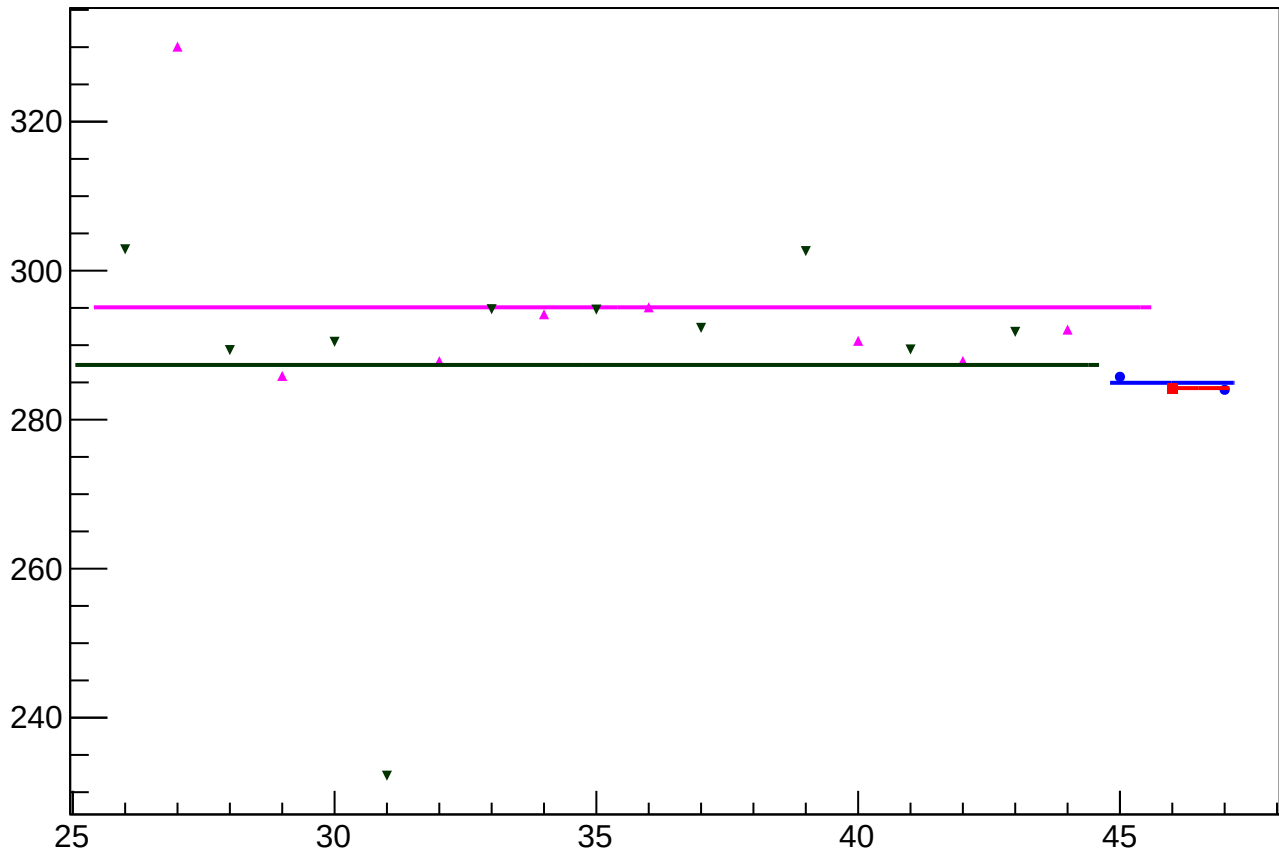
Left Out: 649.704+/-127.513 χ^2/NDF : 7.7/9

Right Out: 1180.320+/-396.215 χ^2/NDF : 0.0/0

Left In: 742.570+/-133.039 χ^2/NDF : 11.9/7

762.640+/-85.022 χ^2/NDF : 29.1/20

reg_asym_atl1r2_avg_rms vs slug



Right In: 284.950+/-0.189 χ^2/NDF : 21.1/1

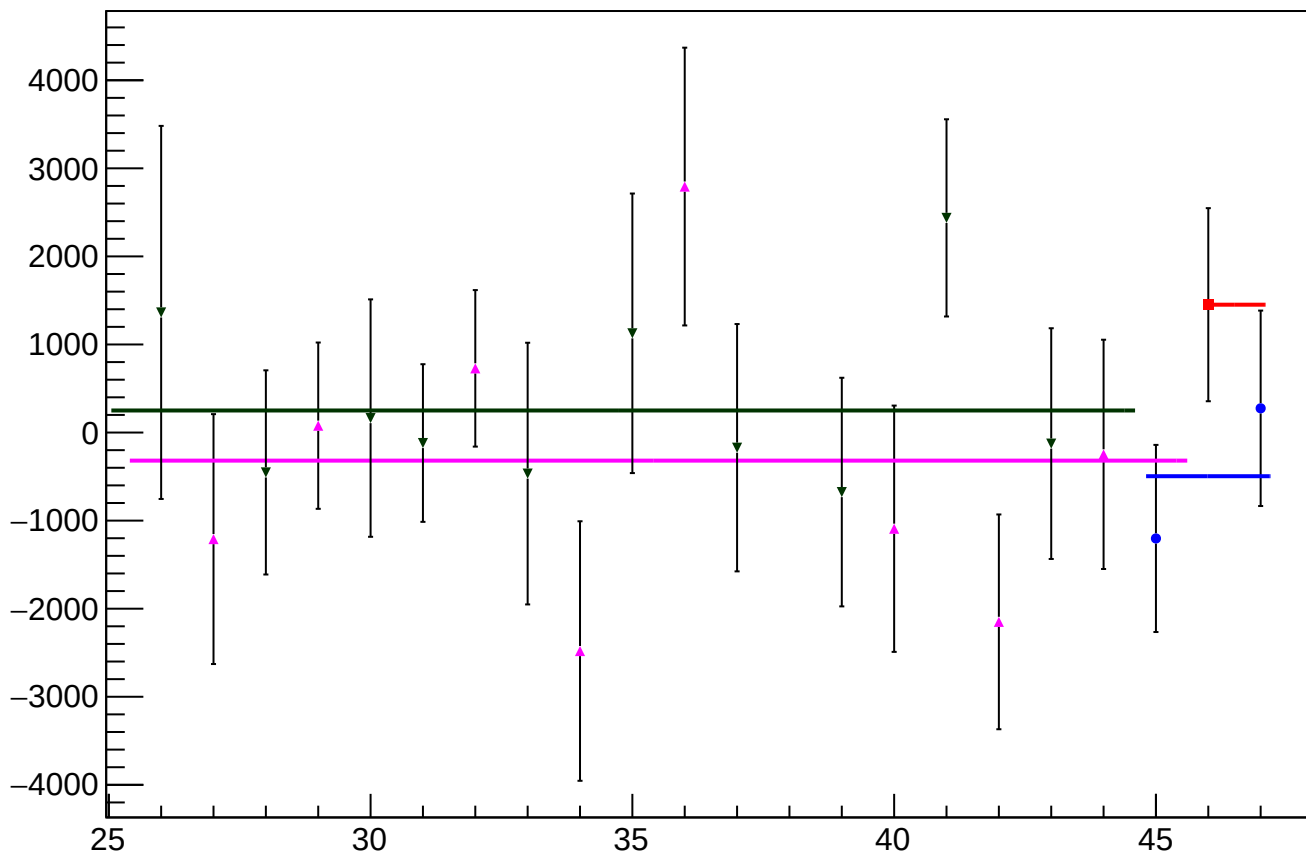
Left Out: 287.345+/-0.090 χ^2/NDF : 45272.0/9

290.120+/-0.060 χ^2/NDF : 72311.5/20

Right Out: 284.239+/-0.280 χ^2/NDF : 0.0/0

Left In: 295.081+/-0.094 χ^2/NDF : 22103.3/7

asym_atl1r2_avg_correction_mean vs slug



Right In: -495.761±/767.306 χ^2/NDF : 0.9/1

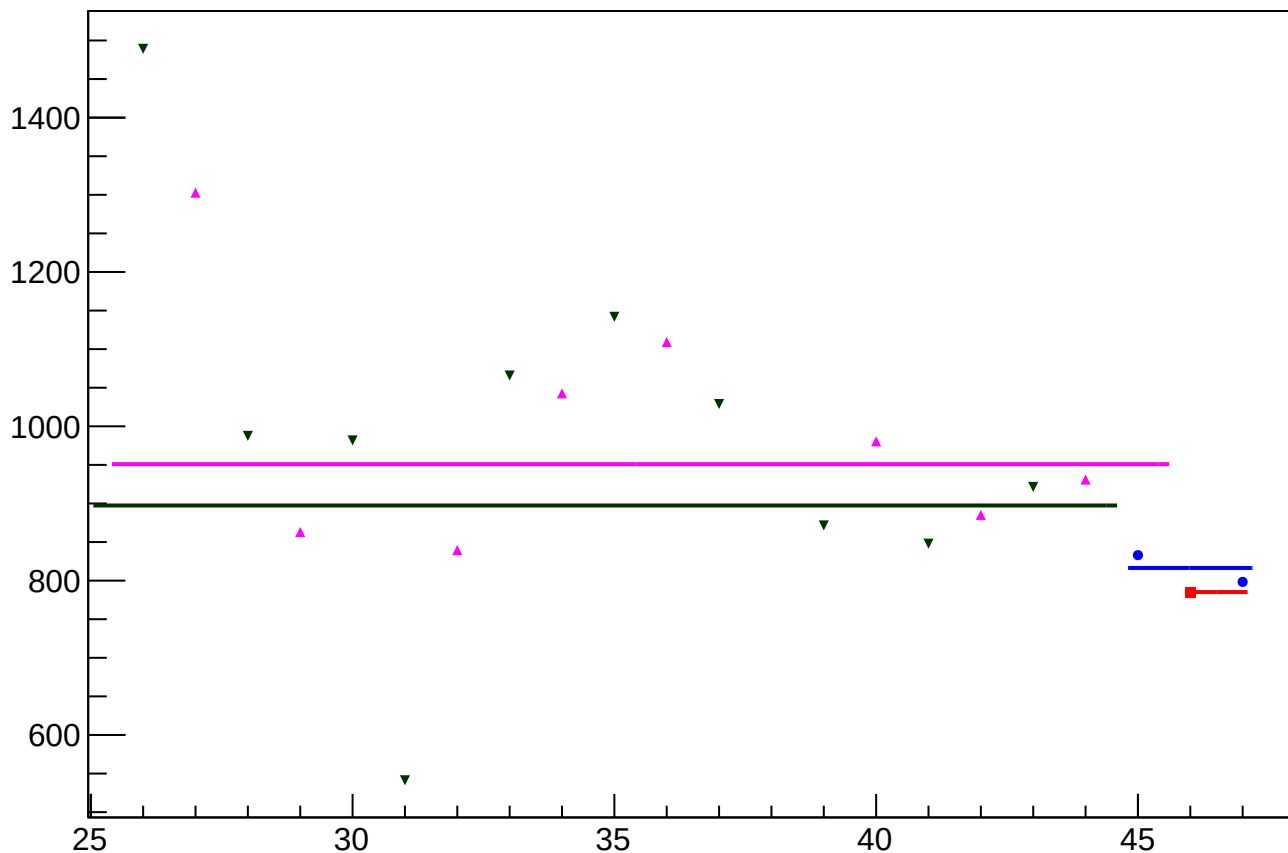
Left Out: 250.509±/404.977 χ^2/NDF :5.9/9

Right Out: 1451.622±/1096.218 χ^2/NDF : 0.0/0

Left In: -318.803±/425.542 χ^2/NDF :10.6/7

9.390±/265.839 χ^2/NDF : 20.5/20

asym_atl1r2_avg_correction_rms vs slug



Right In: 816.437 ± 0.543 χ^2/NDF : 1018.5/1

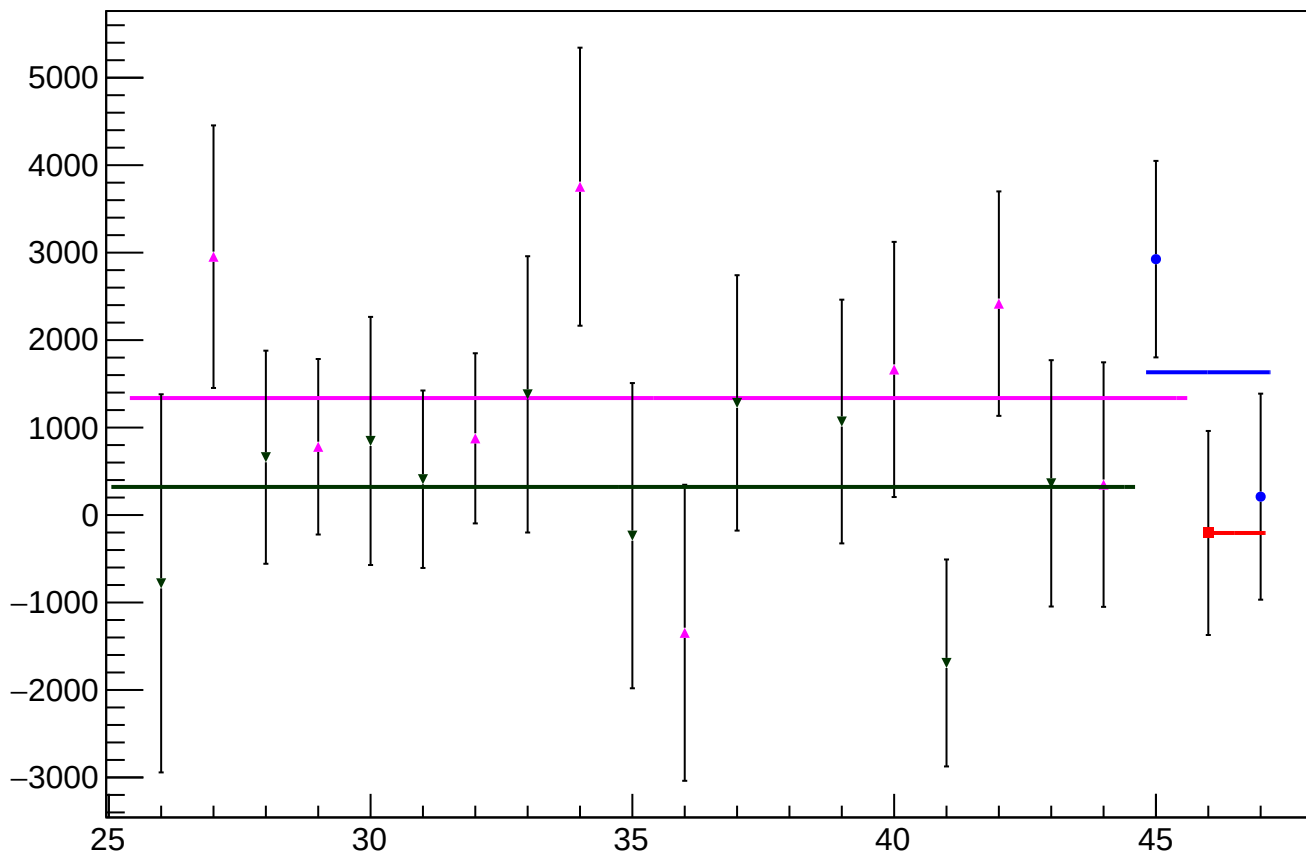
Left Out: 897.406 ± 0.286 χ^2/NDF : 588848.0/9

Right Out: 785.248 ± 0.775 χ^2/NDF : 0.0/0

Left In: 950.988 ± 0.301 χ^2/NDF : 206850.7/7

902.002 ± 0.188 χ^2/NDF : 871034.8/20

asym_atl1r2_avg_mean vs slug



Right In: 1632.323+/-812.807 χ^2/NDF : 2.8/1

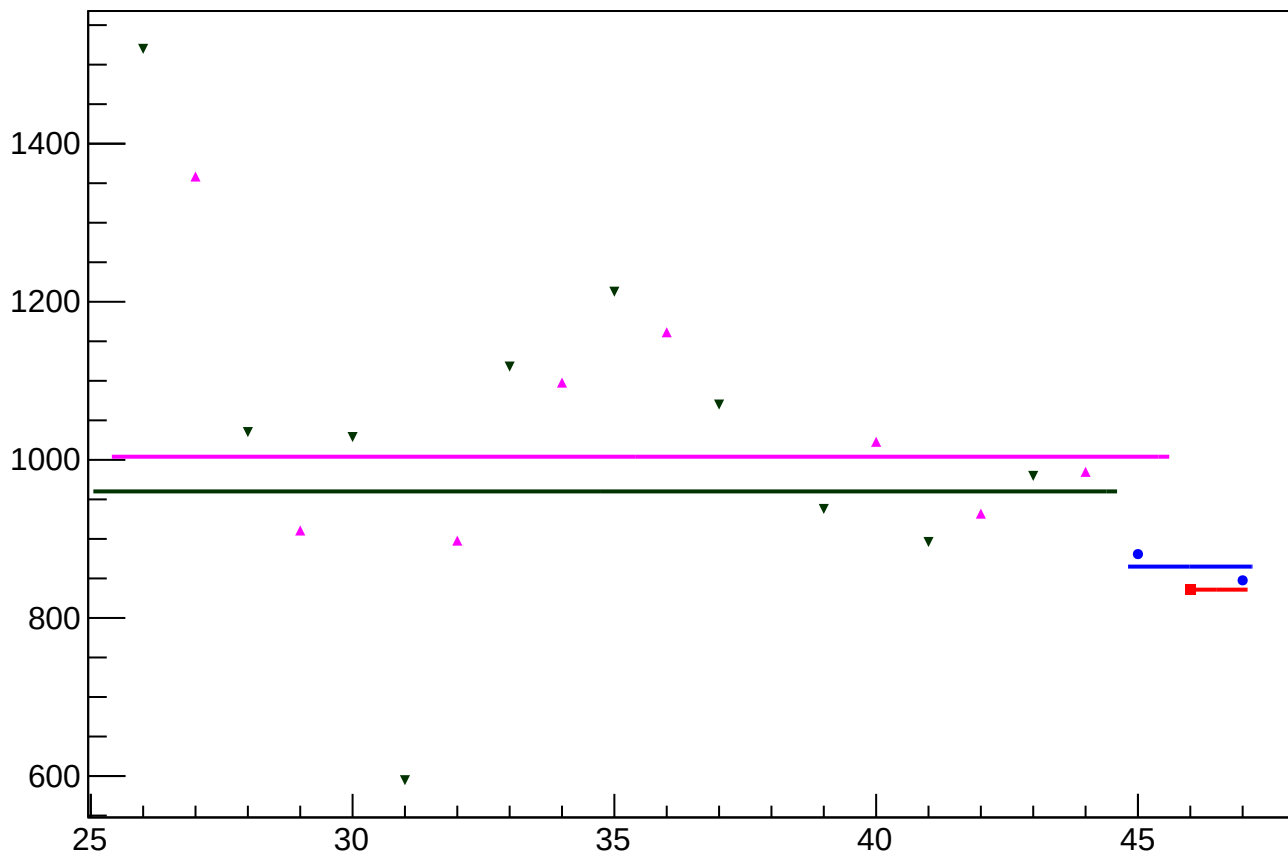
Left Out: 321.331+/-434.827 χ^2/NDF : 4.6/9

Right Out: -205.106+/-1166.416 χ^2/NDF : 0.0/0

Left In: 1337.462+/-455.096 χ^2/NDF : 7.8/7

847.264+/-284.373 χ^2/NDF : 19.6/20

asym_atl1r2_avg_rms vs slug



Right In: 864.973+/-0.575 χ^2/NDF : 831.1/1

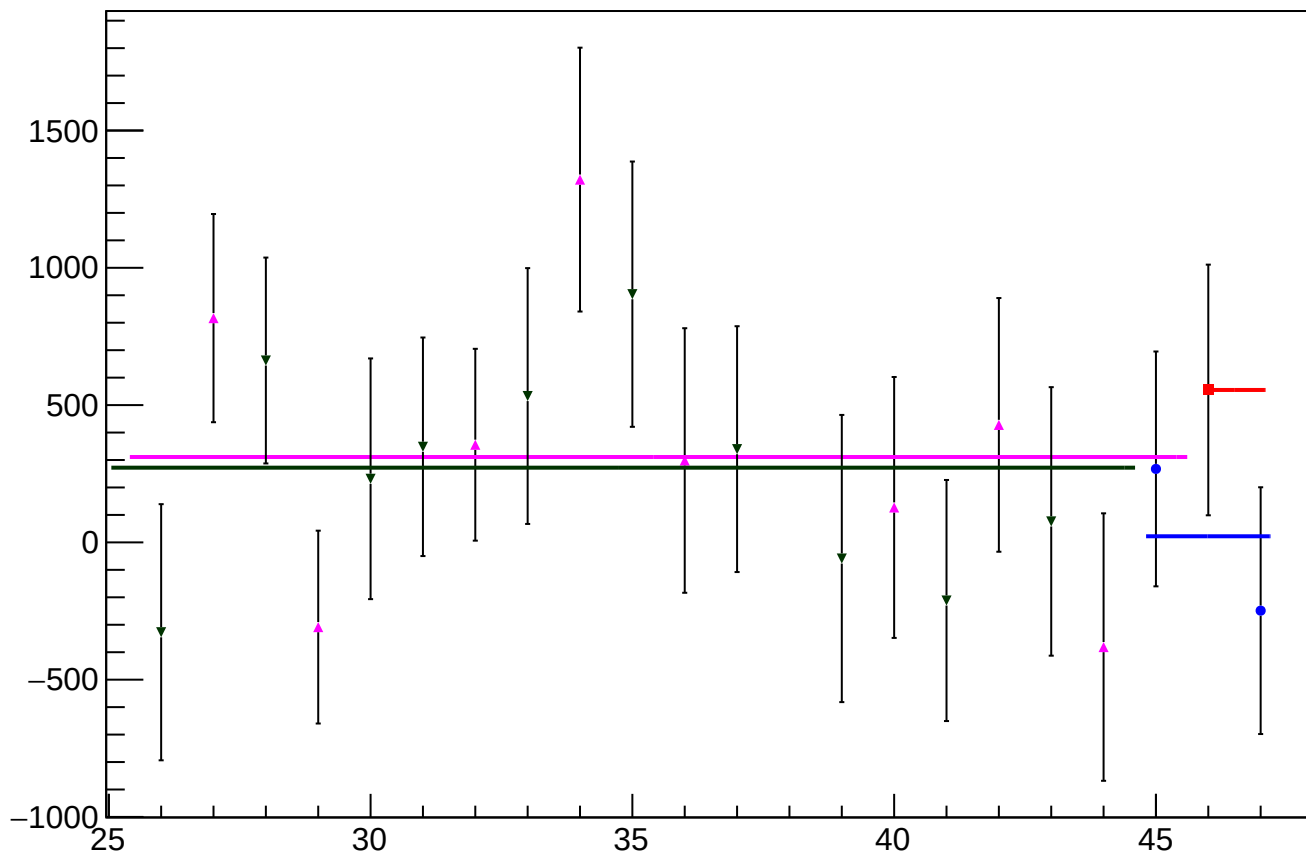
Left Out: 960.100+/-0.307 χ^2/NDF : 485899.3/9

Right Out: 835.815+/-0.825 χ^2/NDF : 0.0/0

Left In: 1003.988+/-0.322 χ^2/NDF : 183940.1/7

958.205+/-0.201 χ^2/NDF : 739283.0/20

reg_asym_atl1r2_dd_mean vs slug



Right In: 22.238+/-309.785 χ^2/NDF : 0.7/1

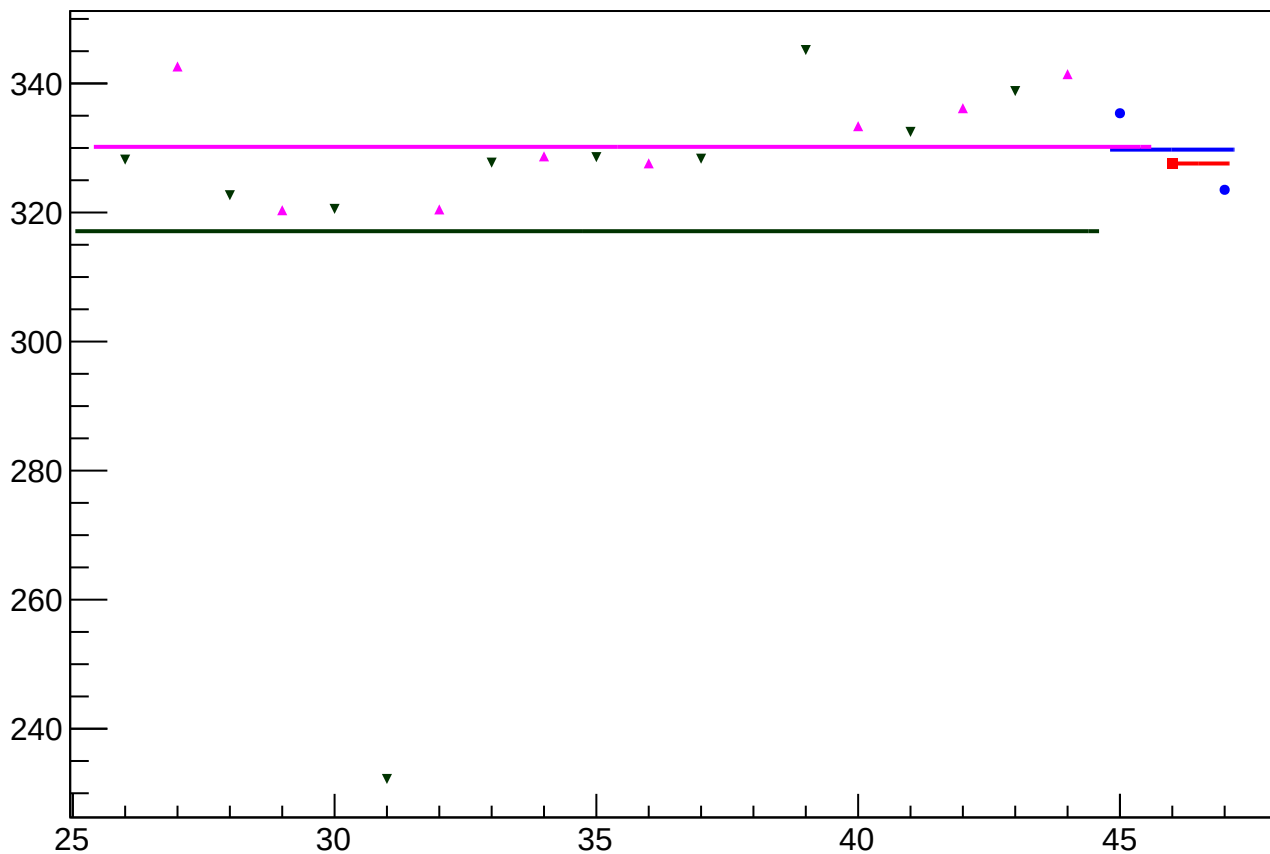
Left Out: 272.098+/-141.223 χ^2/NDF : 6.6/9

Right Out: 555.107+/-456.459 χ^2/NDF : 0.0/0

Left In: 310.926+/-148.691 χ^2/NDF : 11.6/7

276.718+/-95.091 χ^2/NDF : 20.0/20

reg_asym_atl1r2_dd_rms vs slug



Right In: 329.745 $\pm$ 0.219 χ^2 /NDF: 731.7/1

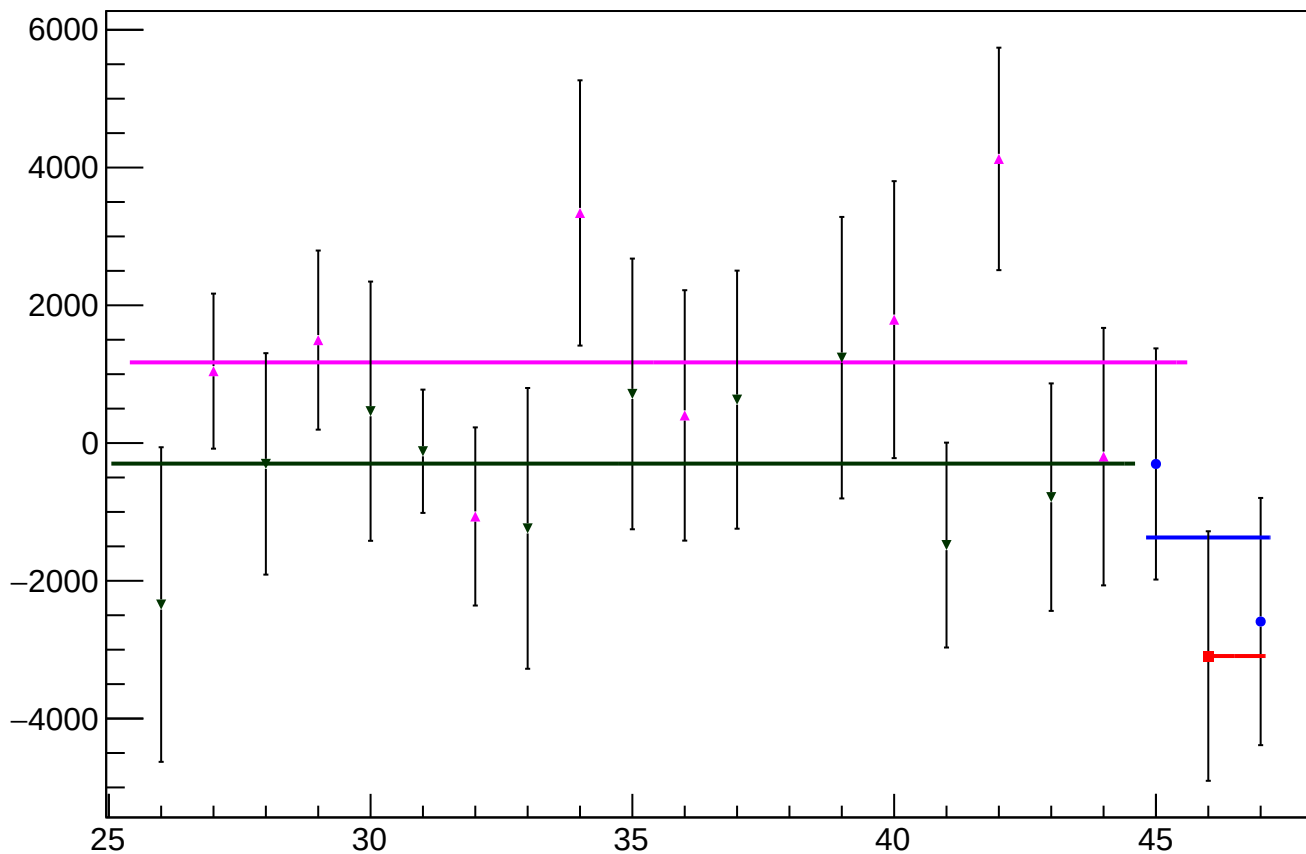
Left Out: 317.105 $\pm$ 0.100 χ^2 /NDF:108292.1/9

Right Out: 327.594 $\pm$ 0.323 χ^2 /NDF: 0.0/0

Left In: 330.176 $\pm$ 0.105 χ^2 /NDF:6835.5/7

324.097 $\pm$ 0.067 χ^2 /NDF: 124887.2/20

asym_atl1r2_dd_correction_mean vs slug



Right In: -1370.938 ± 1225.760 $\chi^2/\text{NDF}: 0.9/1$

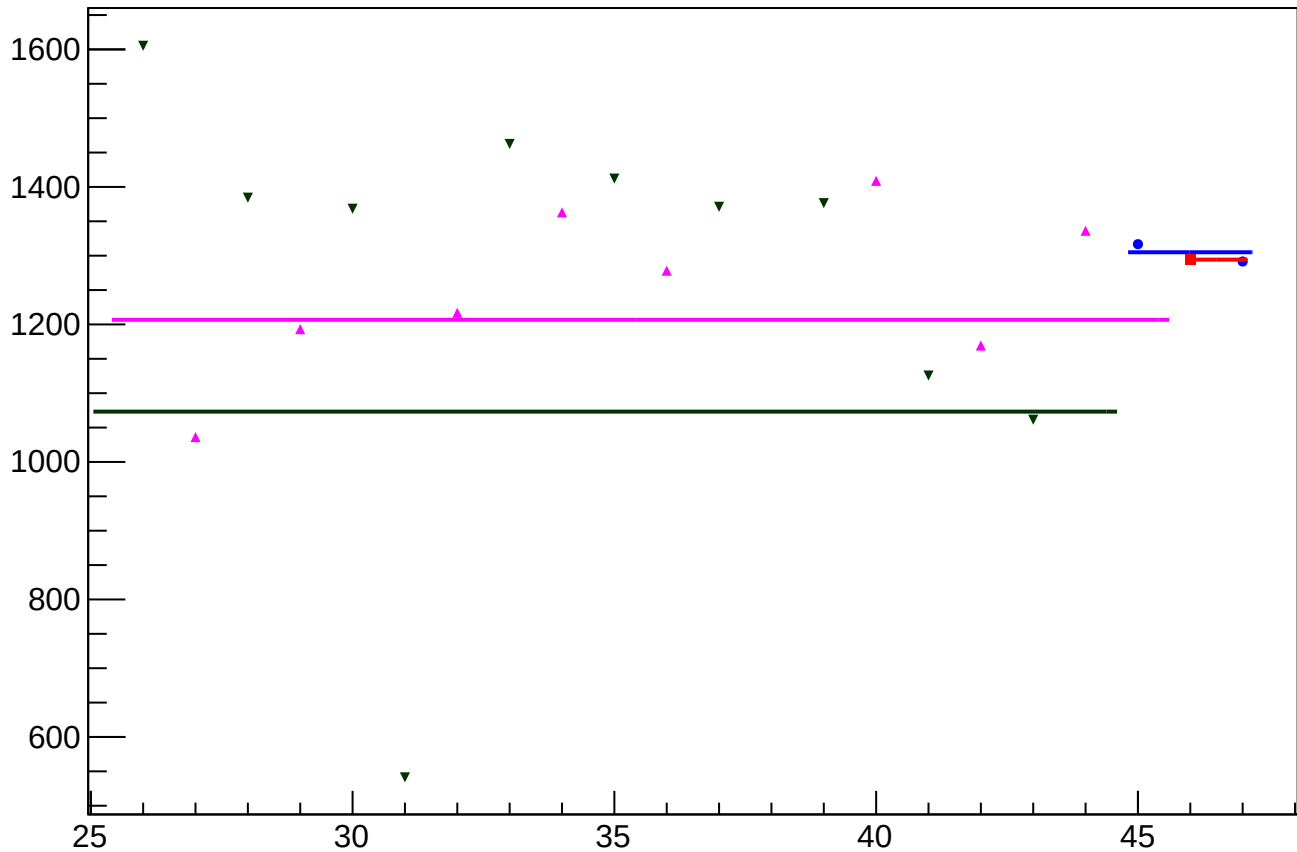
Left Out: -298.381 ± 503.028 $\chi^2/\text{NDF}: 3.0/9$

Right Out: -3092.126 ± 1811.528 $\chi^2/\text{NDF}: 0.0/0$

Left In: 1171.342 ± 536.997 $\chi^2/\text{NDF}: 8.5/7$

122.538 ± 345.236 $\chi^2/\text{NDF}: 21.5/20$

asym_atl1r2_dd_correction_rms vs slug



Right In: 1304.983+/-0.867 χ^2/NDF : 210.4/1

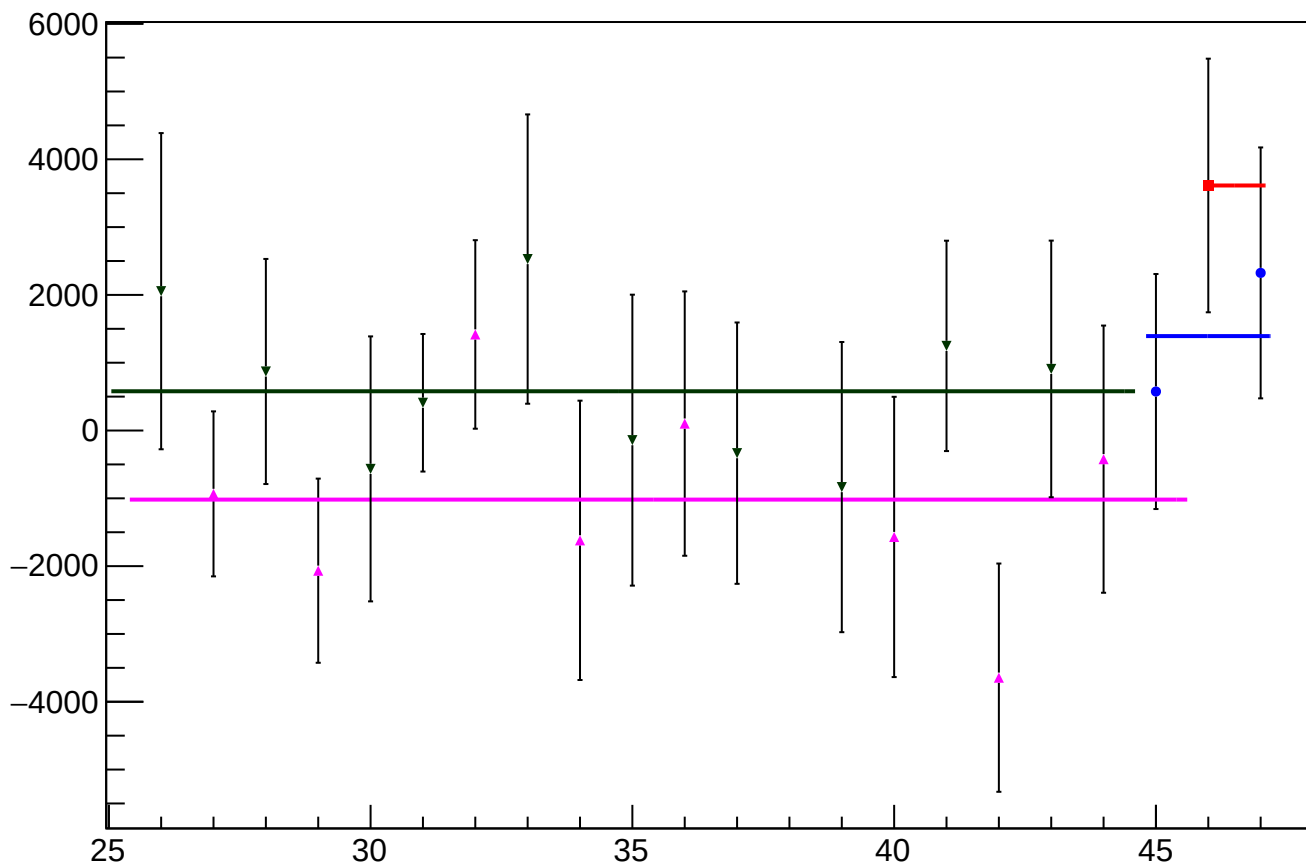
Left Out: 1073.196+/-0.356 χ^2/NDF : 1168803.9/9

1154.816+/-0.244 χ^2/NDF : 1375619.8/20

Right Out: 1294.265+/-1.281 χ^2/NDF : 0.0/0

Left In: 1206.757+/-0.380 χ^2/NDF : 93370.6/7

asym_atl1r2_dd_mean vs slug



Right In: 1392.670+/-1264.850 χ^2/NDF : 0.5/1

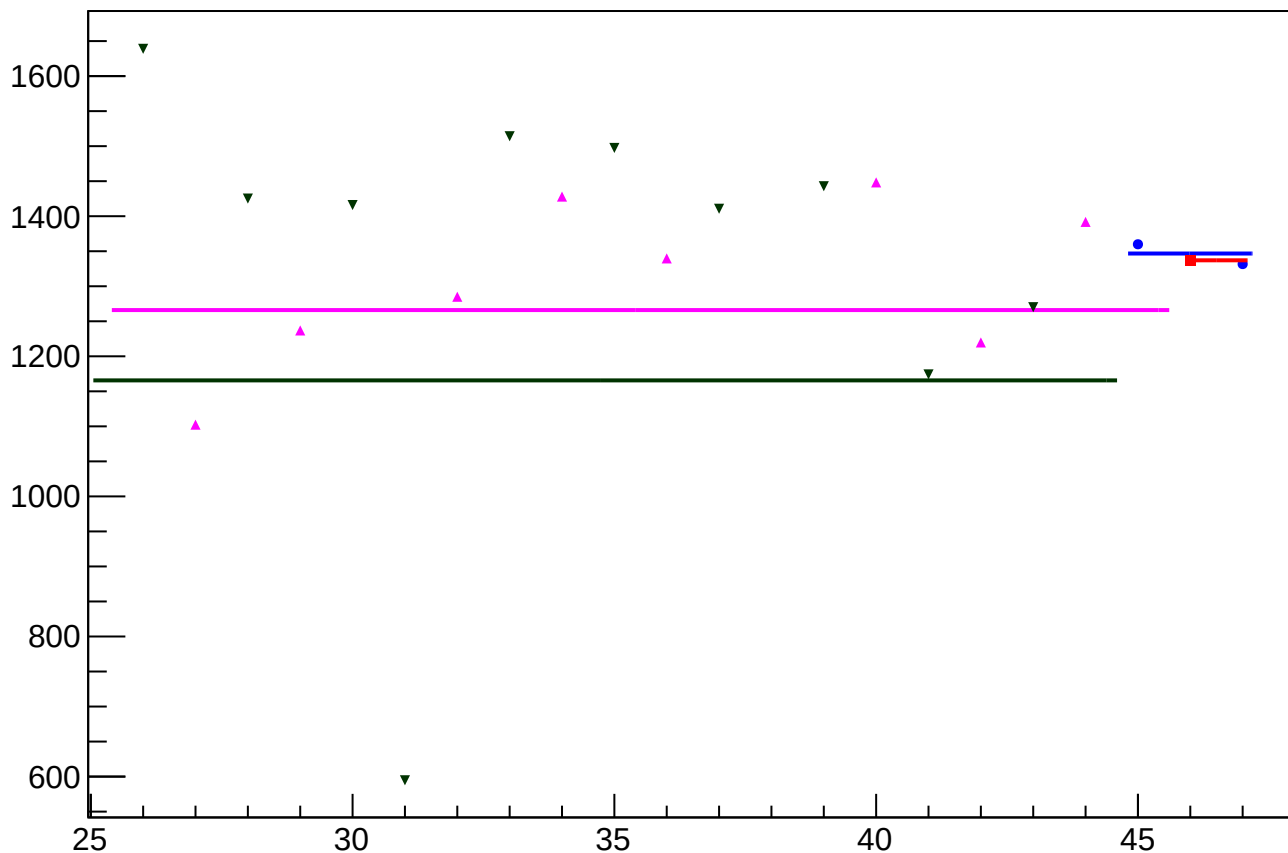
Left Out: 579.001+/-542.319 χ^2/NDF : 2.6/9

Right Out: 3613.787+/-1870.227 χ^2/NDF : 0.0/0

Left In: -1018.709+/-569.922 χ^2/NDF : 6.7/7

99.601+/-367.862 χ^2/NDF : 19.0/20

asym_atl1r2_dd_rms vs slug



Right In: 1346.731+/-0.894 χ^2/NDF : 248.6/1

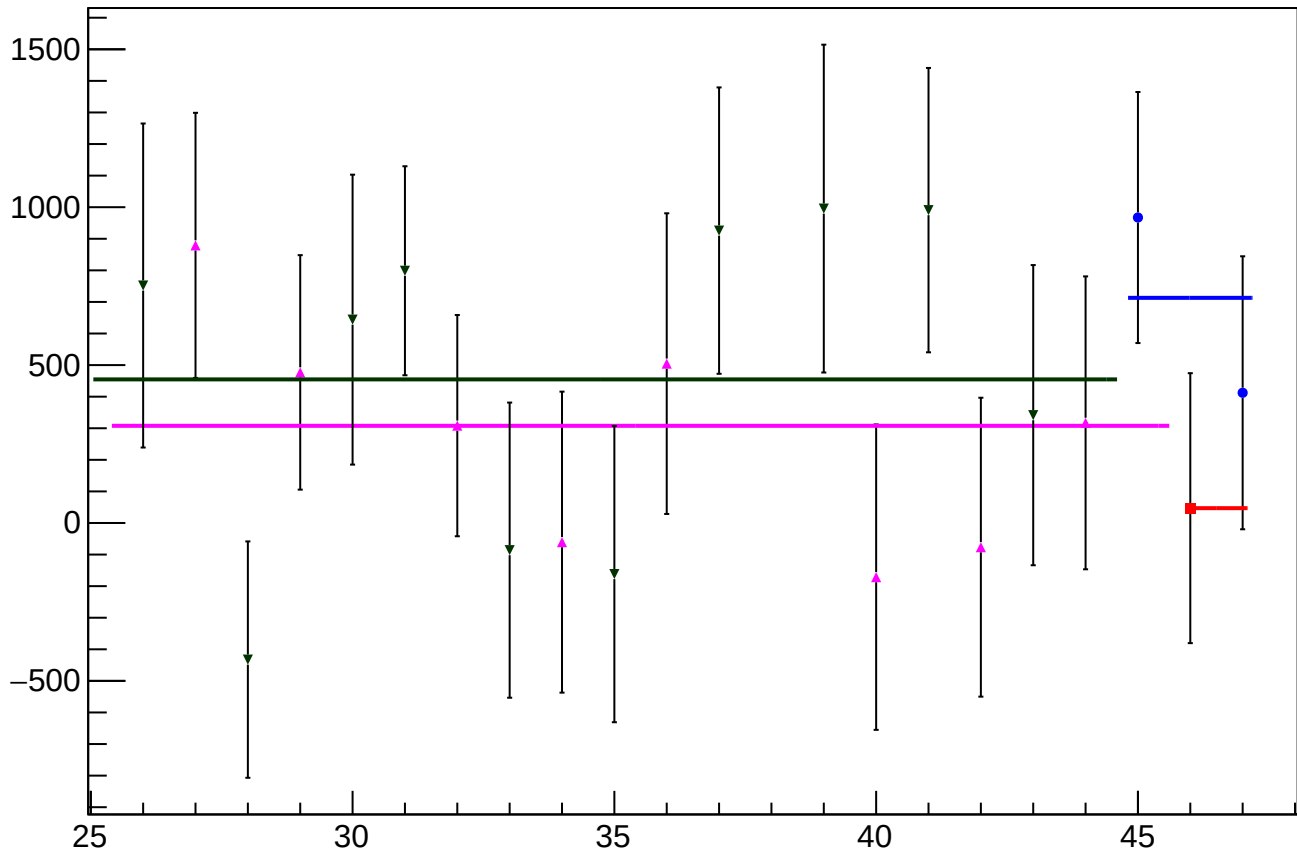
Left Out: 1165.616+/-0.383 χ^2/NDF : 970870.7/9

Right Out: 1337.039+/-1.322 χ^2/NDF : 0.0/0

Left In: 1265.999+/-0.403 χ^2/NDF : 77911.6/7

1229.389+/-0.260 χ^2/NDF : 1108779.0/20

reg_asym_atr1l2_avg_mean vs slug



Right In: 712.970 $\pm$ 292.598 χ^2 /NDF: 0.9/1

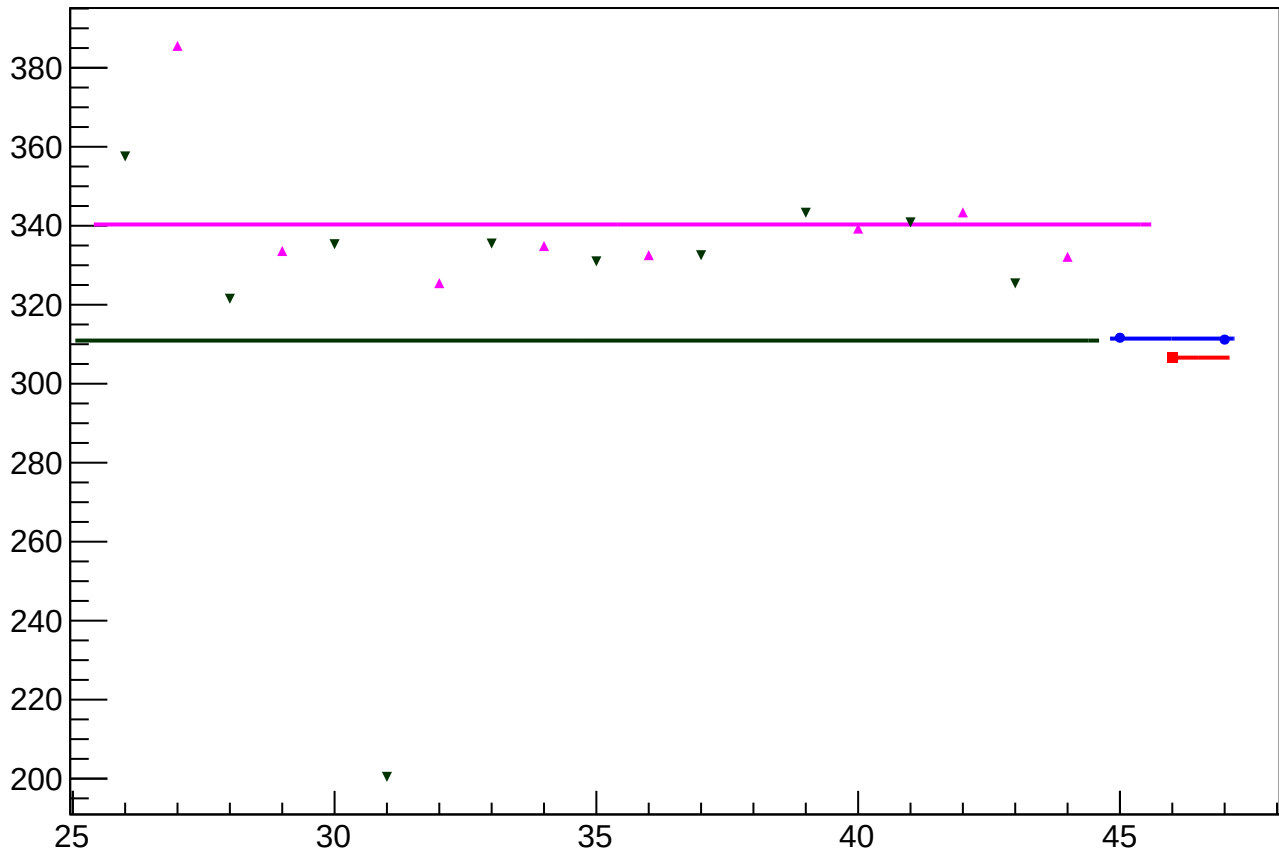
Left Out: 454.702 $\pm$ 138.846 χ^2 /NDF:13.9/9

405.041 $\pm$ 94.361 χ^2 /NDF: 21.6/20

Right Out: 46.966 $\pm$ 427.429 χ^2 /NDF: 0.0/0

Left In: 307.710 $\pm$ 151.999 χ^2 /NDF:4.5/7

reg_asym_atr1l2_avg_rms vs slug



Right In: 311.428+/-0.207 χ^2/NDF : 1.3/1

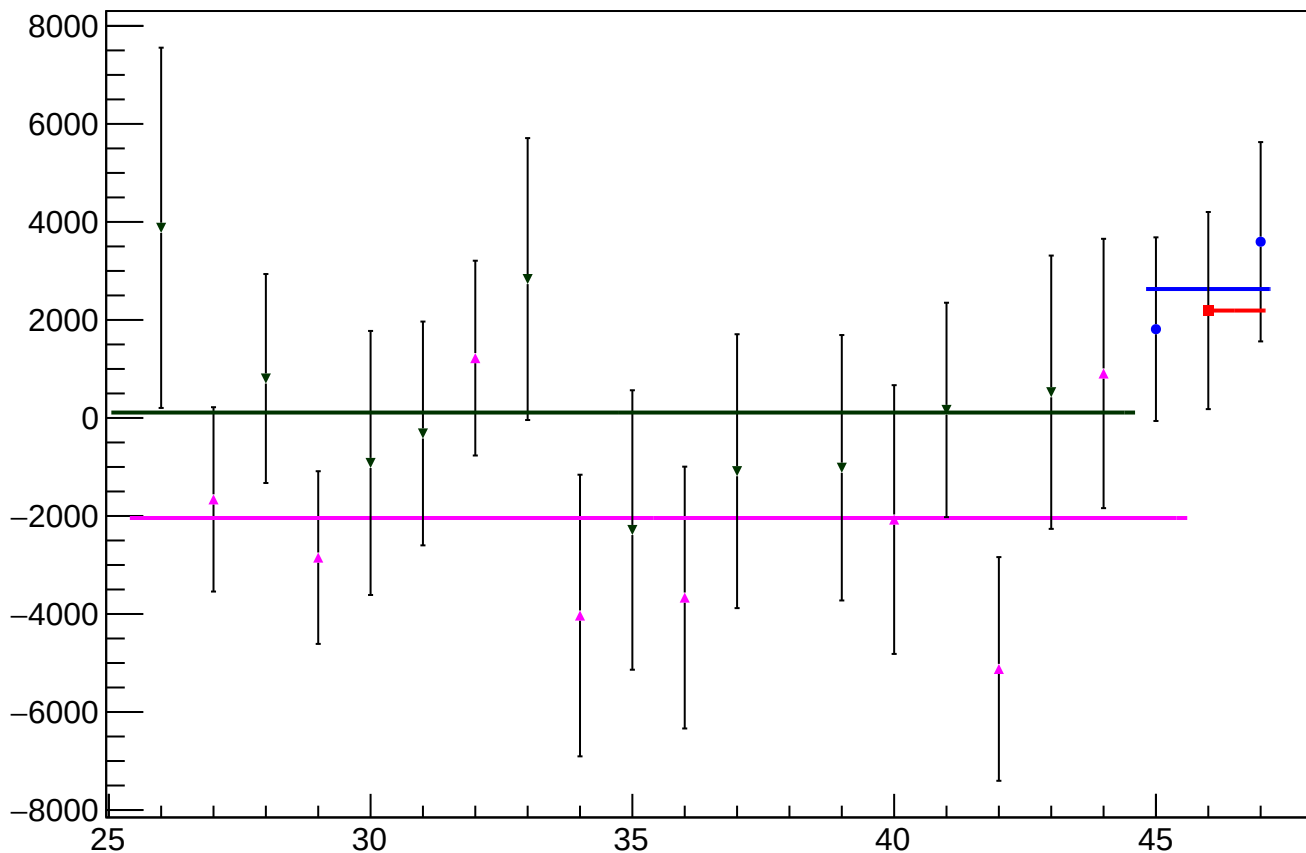
Left Out: 310.928+/-0.098 χ^2/NDF : 278877.1/9

Right Out: 306.606+/-0.302 χ^2/NDF : 0.0/0

Left In: 340.323+/-0.107 χ^2/NDF : 28978.9/7

322.098+/-0.067 χ^2/NDF : 354842.2/20

asym_atr1l2_avg_correction_mean vs slug



Right In: 2630.891+/-1377.886 χ^2/NDF : 0.4/1

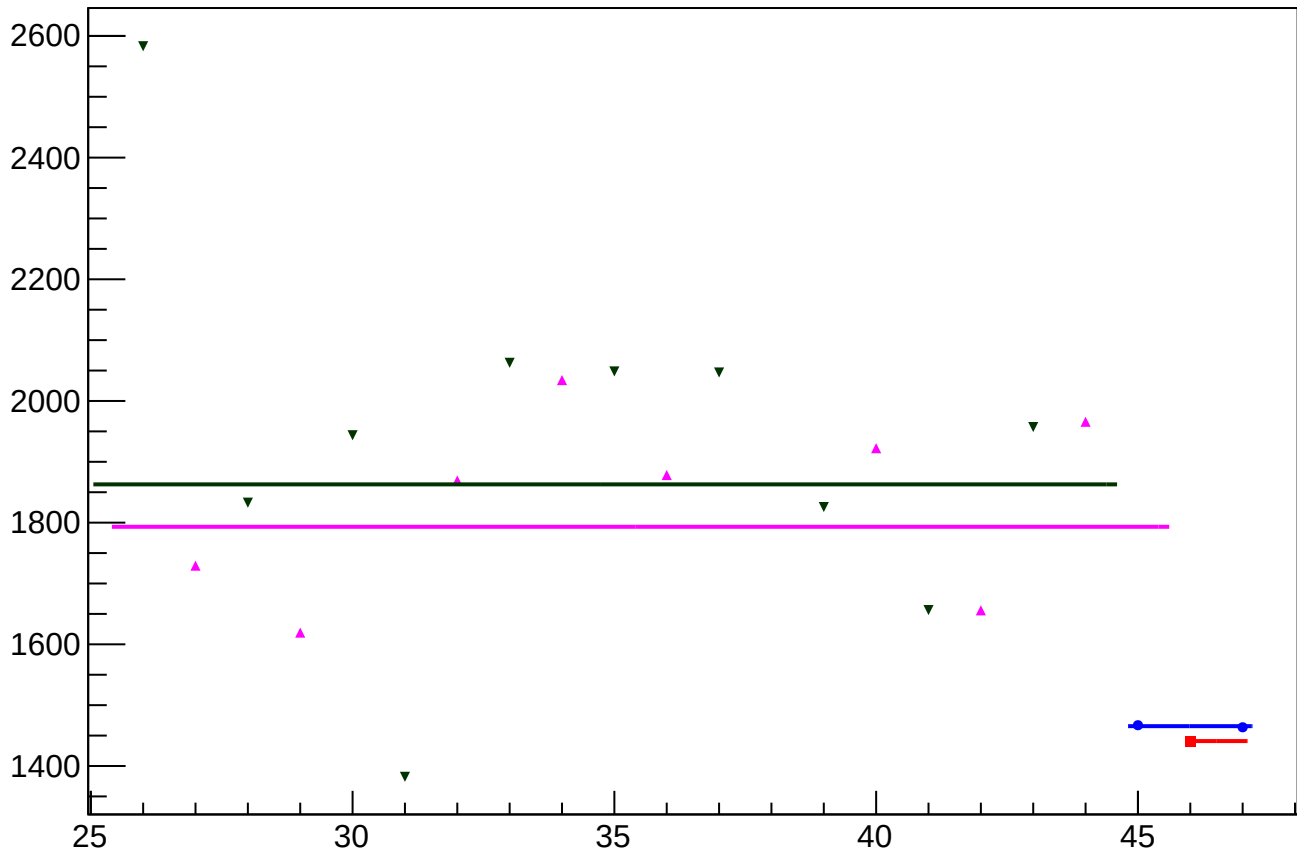
Left Out: 110.611+/-824.937 χ^2/NDF : 3.3/9

Right Out: 2191.616+/-2011.189 χ^2/NDF : 0.0/0

Left In: -2041.346+/-796.392 χ^2/NDF : 6.8/7

-295.407+/-511.639 χ^2/NDF : 21.6/20

asym_atr1l2_avg_correction_rms vs slug



Right In: 1465.478+/-0.974 χ^2/NDF : 3.0/1

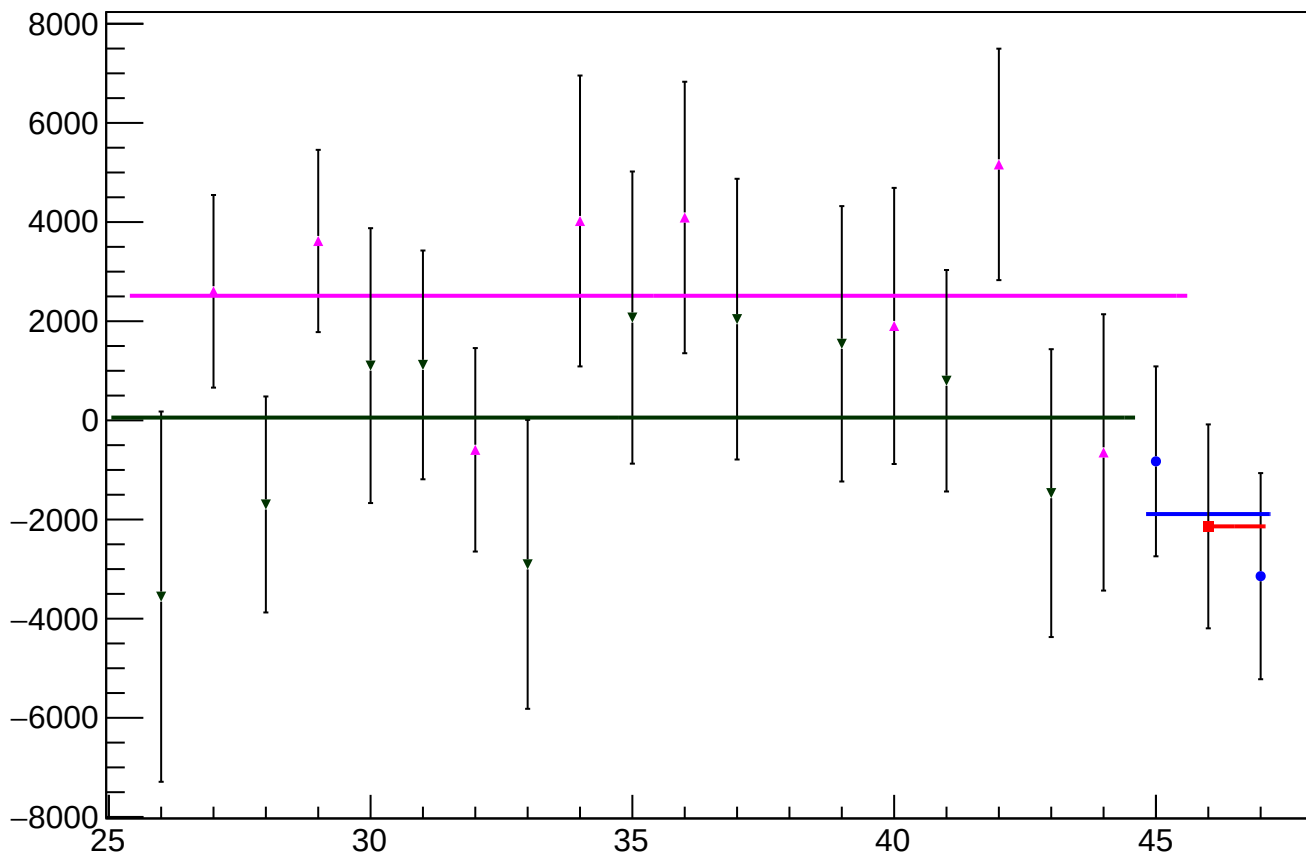
Left Out: 1862.906+/-0.583 χ^2/NDF : 214897.1/9

1752.027+/-0.362 χ^2/NDF : 451134.4/20

Right Out: 1440.980+/-1.422 χ^2/NDF : 0.0/0

Left In: 1793.186+/-0.563 χ^2/NDF : 60425.1/7

asym_atr1l2_avg_mean vs slug



Right In: -1889.825+/-1408.724 χ^2/NDF : 0.7/1

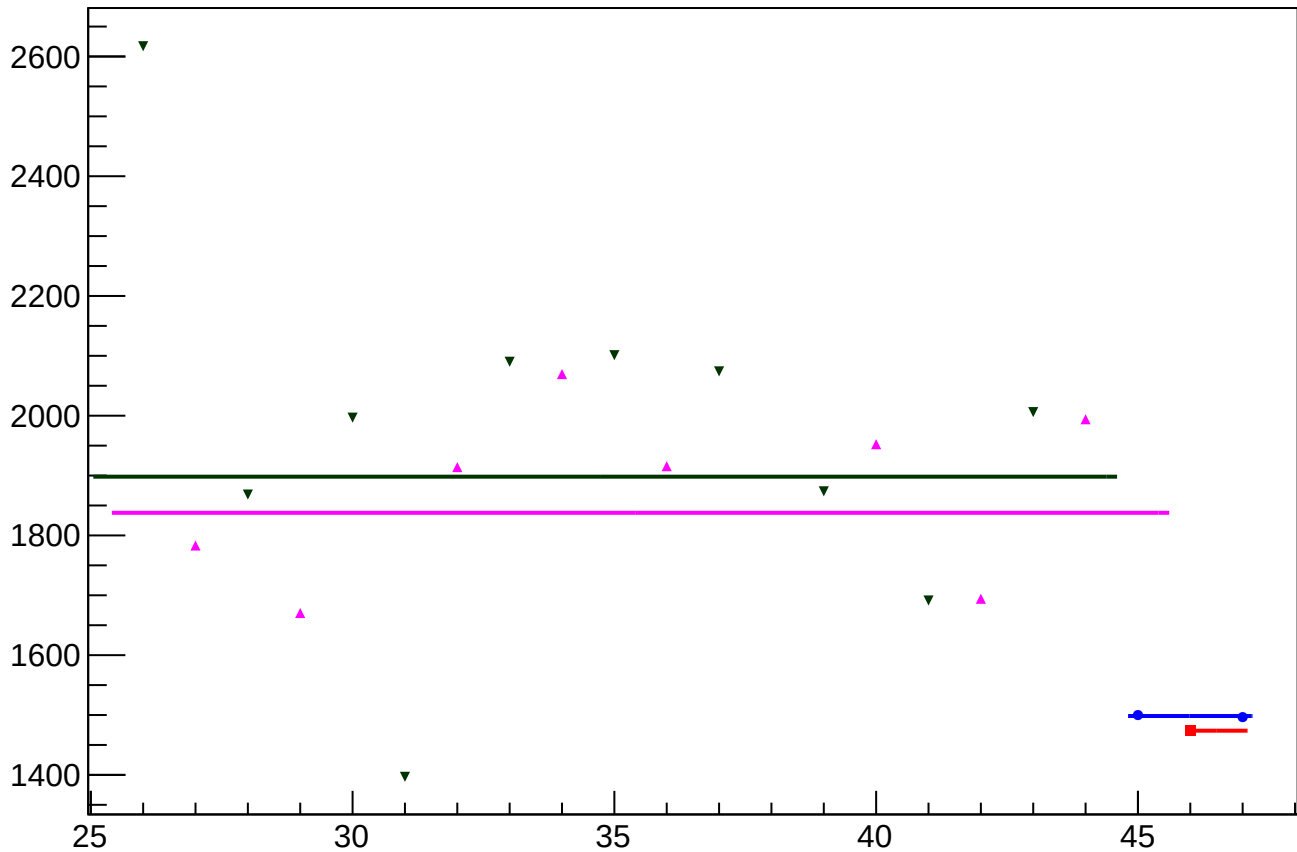
Left Out: 56.371+/-843.149 χ^2/NDF : 4.6/9

Right Out: -2138.206+/-2056.749 χ^2/NDF : 0.0/0

Left In: 2513.421+/-819.489 χ^2/NDF : 5.9/7

650.212+/-524.428 χ^2/NDF : 21.9/20

asym_atr1l2_avg_rms vs slug



Right In: 1498.352+/-0.996 χ^2/NDF : 3.0/1

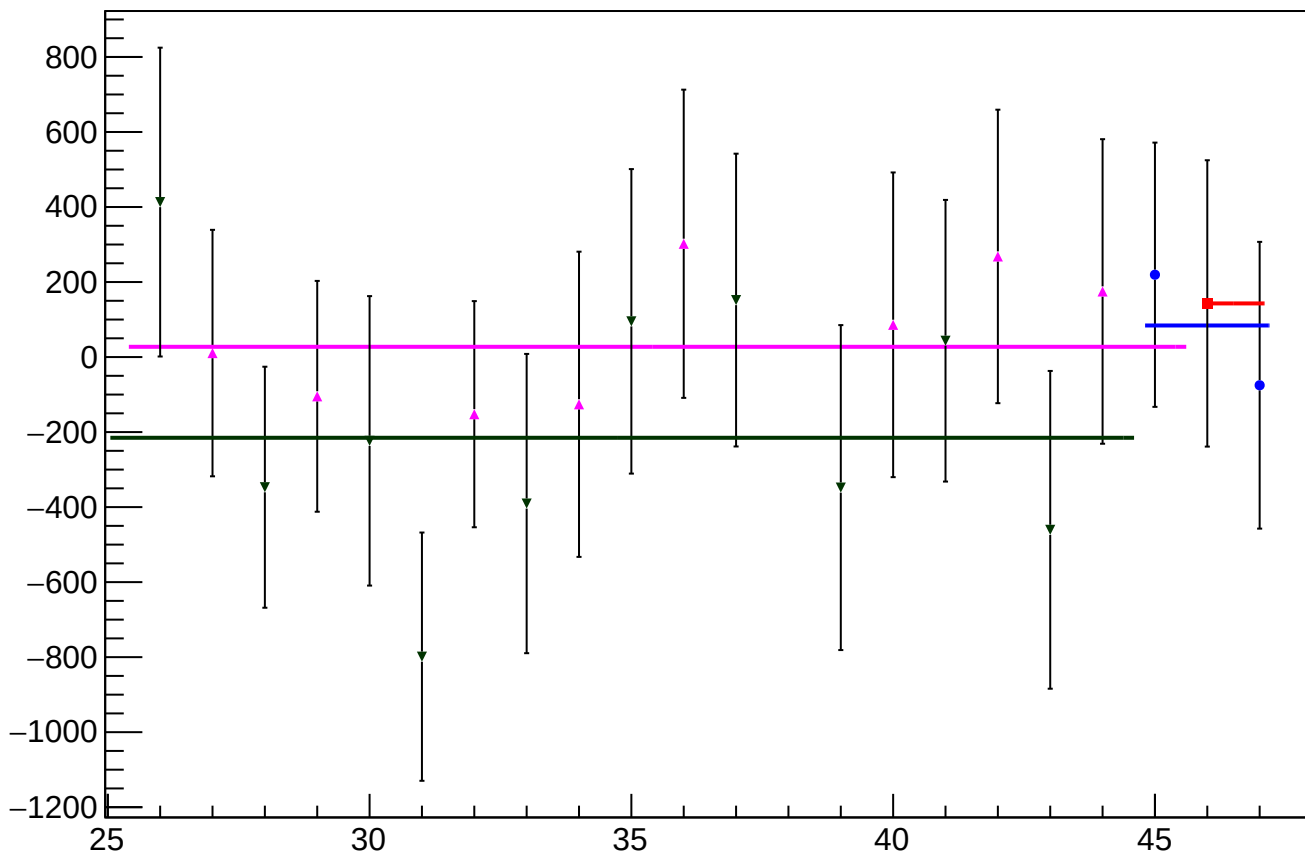
Left Out: 1898.125+/-0.596 χ^2/NDF : 217407.8/9

1790.433+/-0.371 χ^2/NDF : 442354.8/20

Right Out: 1473.829+/-1.454 χ^2/NDF : 0.0/0

Left In: 1837.803+/-0.579 χ^2/NDF : 52264.8/7

reg_asym_atr12_dd_mean vs slug



Right In: 84.172+/-259.026 χ^2/NDF : 0.3/1

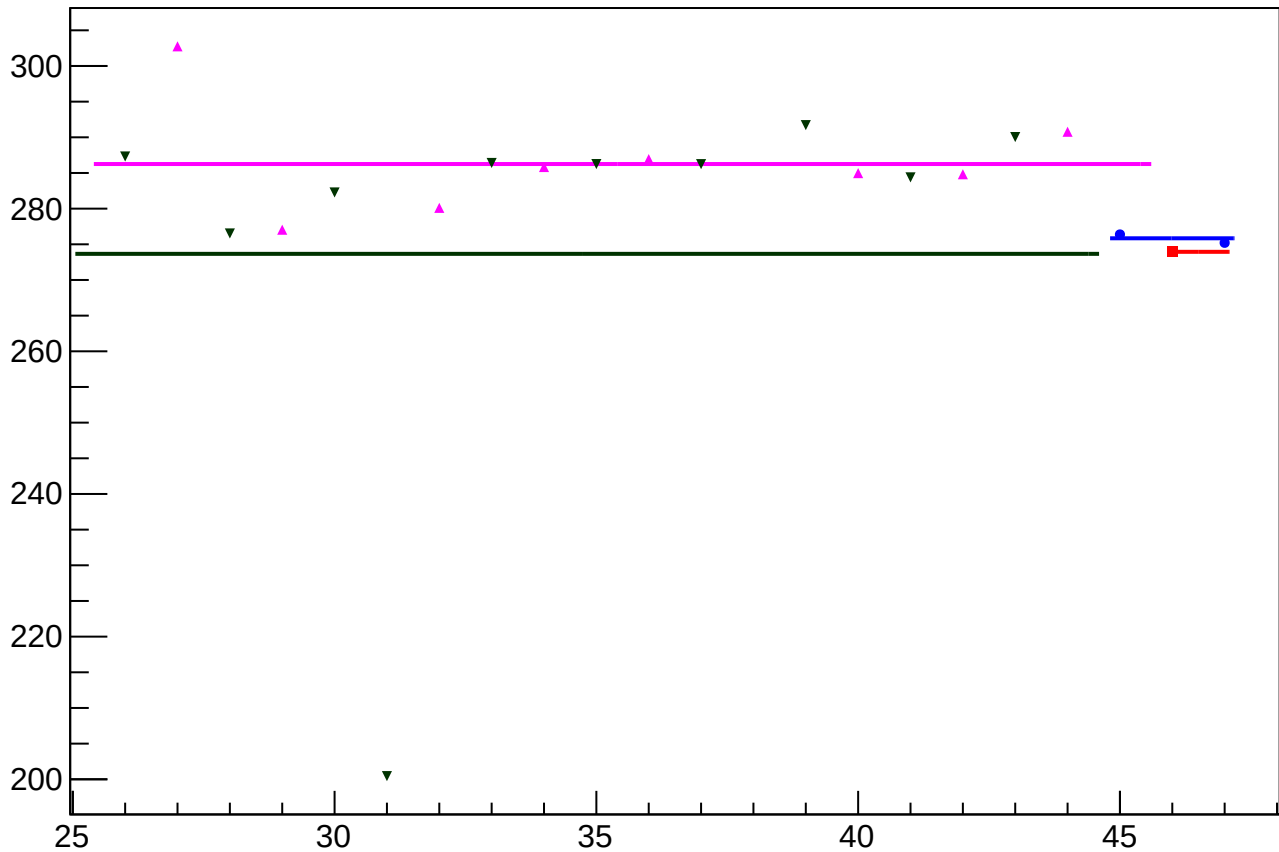
Left Out: -215.198+/-120.951 χ^2/NDF : 8.2/9

Right Out: 142.980+/-381.693 χ^2/NDF : 0.0/0

Left In: 27.345+/-127.553 χ^2/NDF : 1.7/7

-71.203+/-81.221 χ^2/NDF : 12.8/20

reg_asym_atr1l2_dd_rms vs slug



Right In: 275.843 $\pm$ 0.183 χ^2 /NDF: 10.2/1

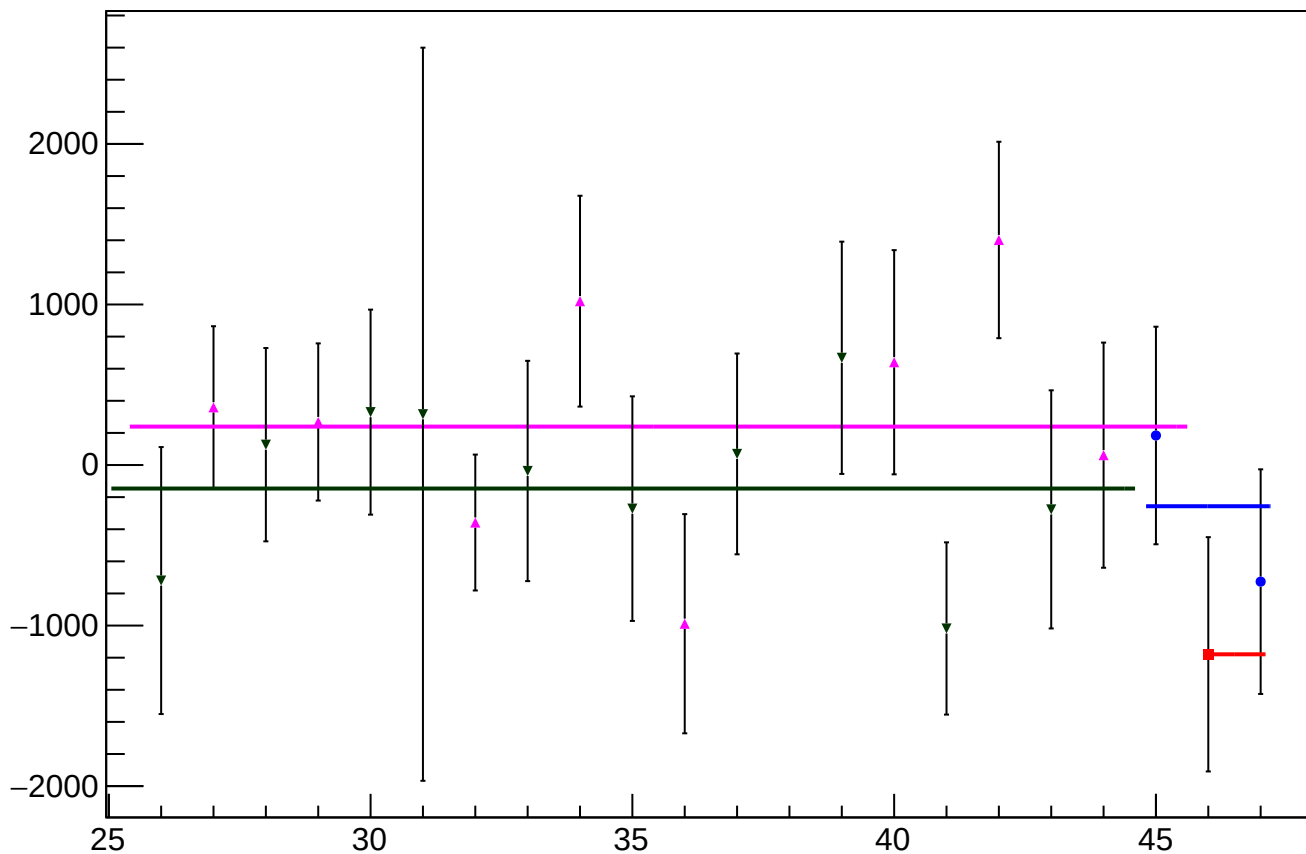
Left Out: 273.662 $\pm$ 0.086 χ^2 /NDF: 115390.2/9

Right Out: 273.946 $\pm$ 0.270 χ^2 /NDF: 0.0/0

Left In: 286.254 $\pm$ 0.090 χ^2 /NDF: 7968.5/7

278.995 $\pm$ 0.057 χ^2 /NDF: 134381.1/20

asym_atr1l2_dd_correction_mean vs slug



Right In: -256.664+/-486.713 χ^2 /NDF: 0.9/1

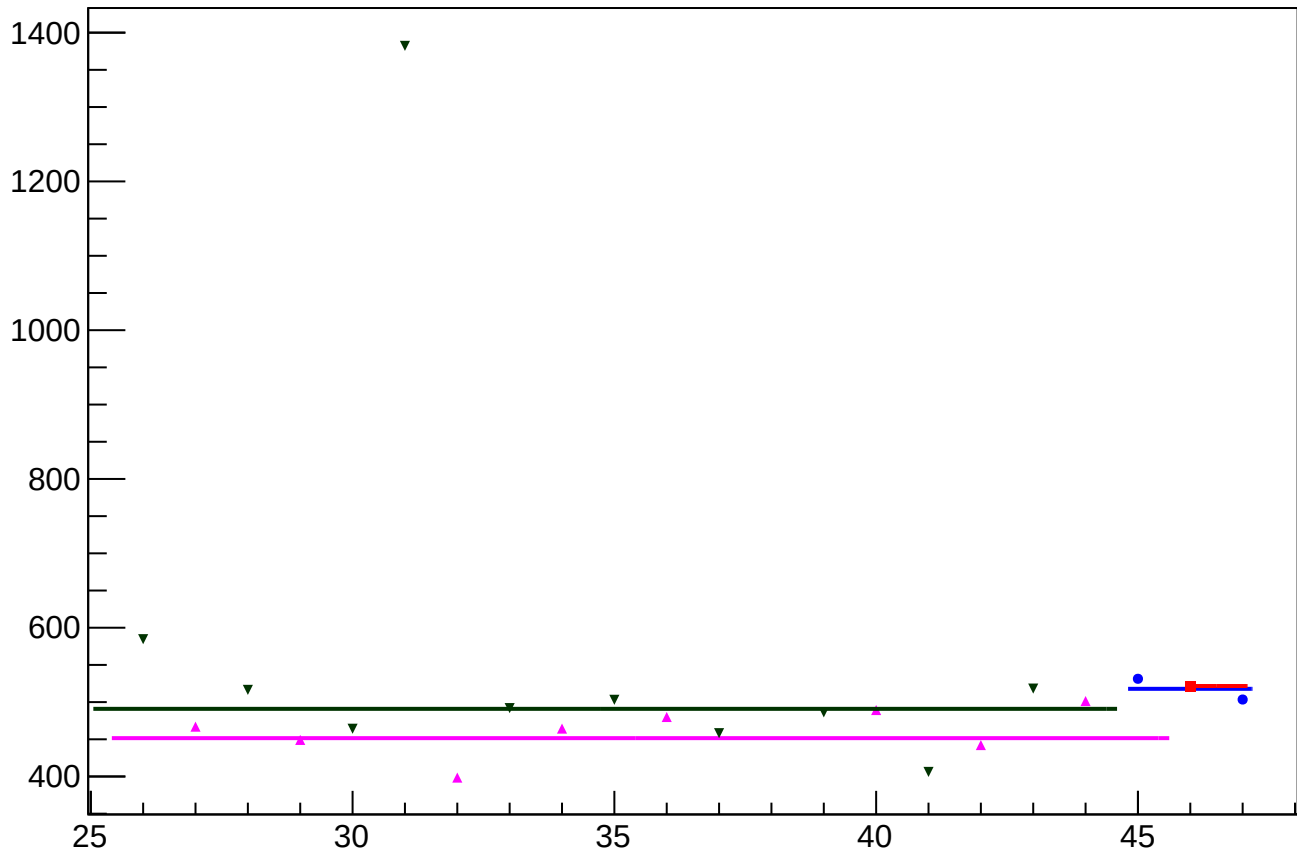
Left Out: -146.460+/-219.375 χ^2 /NDF: 5.4/9

Right Out: -1178.989+/-729.666 χ^2 /NDF: 0.0/0

Left In: 239.342+/-200.411 χ^2 /NDF: 10.7/7

-7.381+/-138.974 χ^2 /NDF: 21.7/20

asym_atr1l2_dd_correction_rms vs slug



Right In: 517.854+/-0.344 χ^2/NDF : 1638.6/1

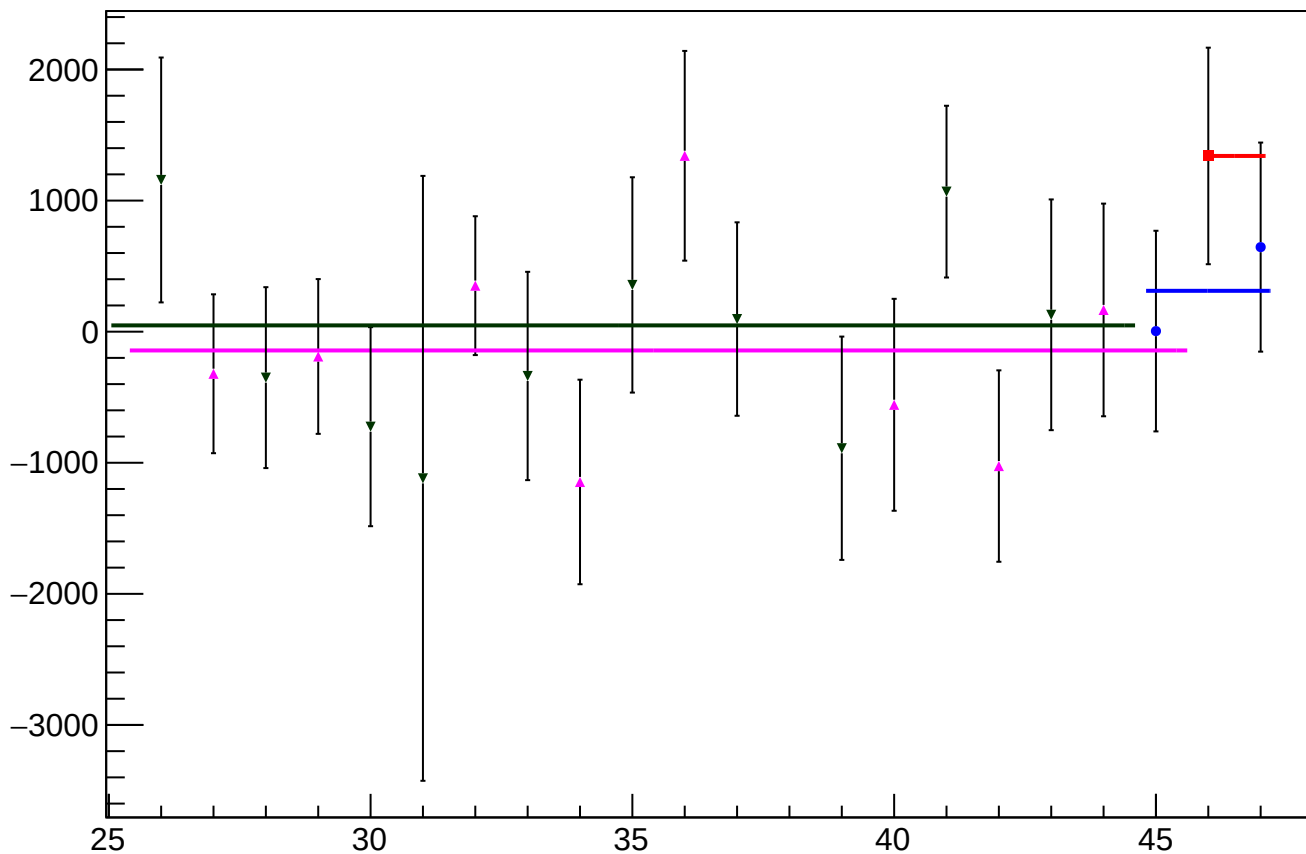
Left Out: 490.946+/-0.155 χ^2/NDF :396061.5/9

Right Out: 521.634+/-0.516 χ^2/NDF : 0.0/0

Left In: 451.550+/-0.142 χ^2/NDF :53985.5/7

475.309+/-0.098 χ^2/NDF : 513301.4/20

asym_atr1l2_dd_mean vs slug



Right In: 311.627 $\pm$ 552.158 χ^2 /NDF: 0.3/1

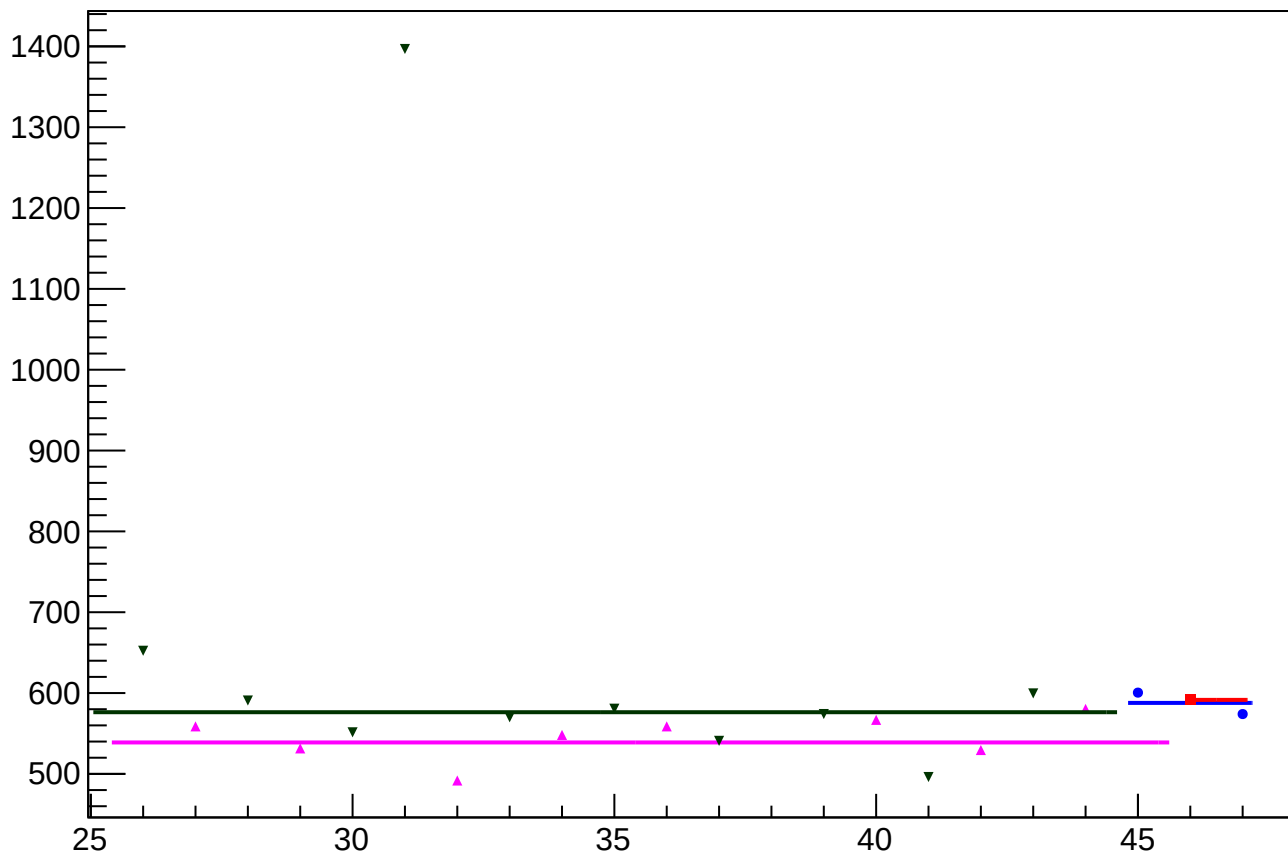
Left Out: 47.962 $\pm$ 257.579 χ^2 /NDF: 7.1/9

Right Out: 1340.532 $\pm$ 825.980 χ^2 /NDF: 0.0/0

Left In: -143.227 $\pm$ 240.493 χ^2 /NDF: 7.9/7

33.242 $\pm$ 164.160 χ^2 /NDF: 18.6/20

asym_atr1l2_dd_rms vs slug



Right In: 587.817+/-0.390 χ^2/NDF : 1150.3/1

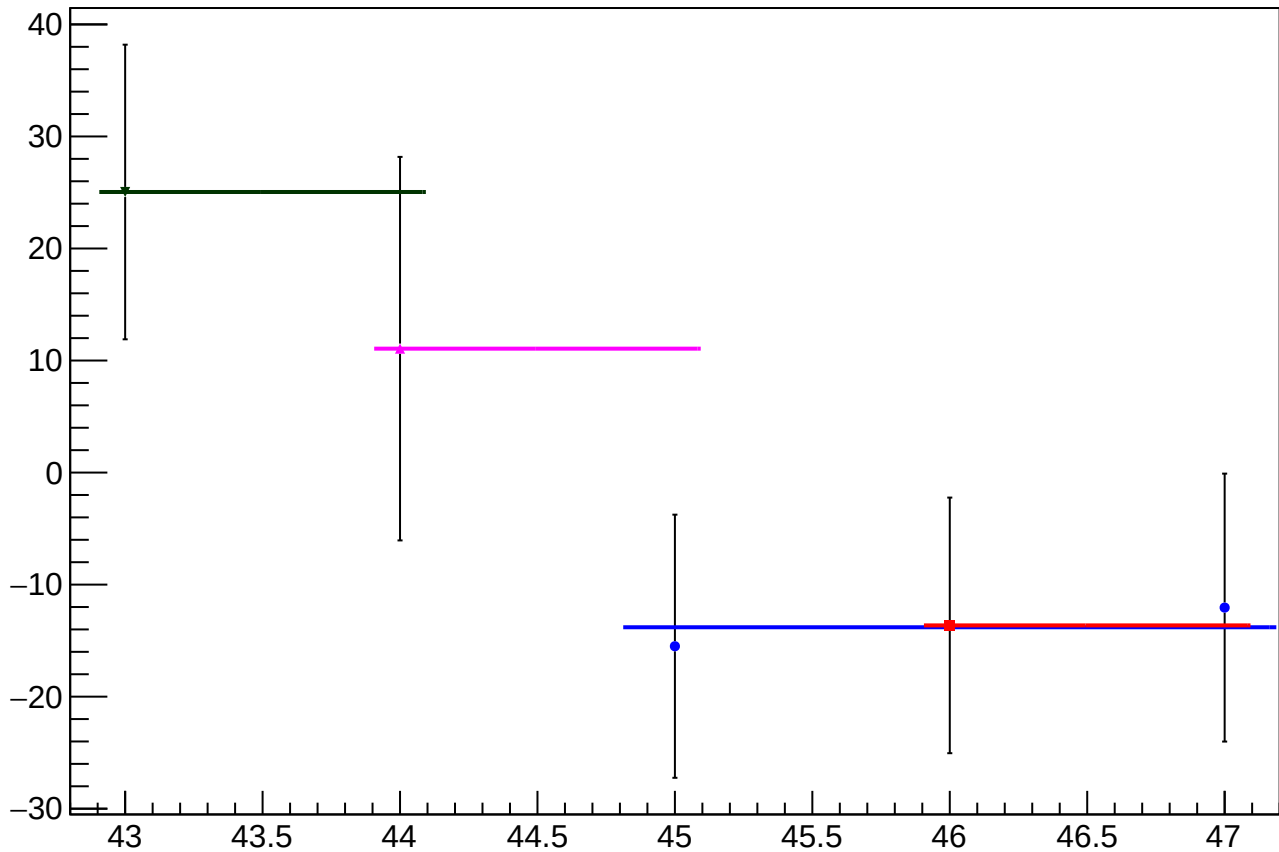
Left Out: 576.304+/-0.182 χ^2/NDF : 305346.9/9

Right Out: 591.556+/-0.584 χ^2/NDF : 0.0/0

Left In: 538.892+/-0.170 χ^2/NDF : 27750.6/7

560.492+/-0.116 χ^2/NDF : 365644.8/20

diff_bpm0l01X_mean vs slug



Right In: -13.806 ± 8.378 $\chi^2/\text{NDF}: 0.0/1$

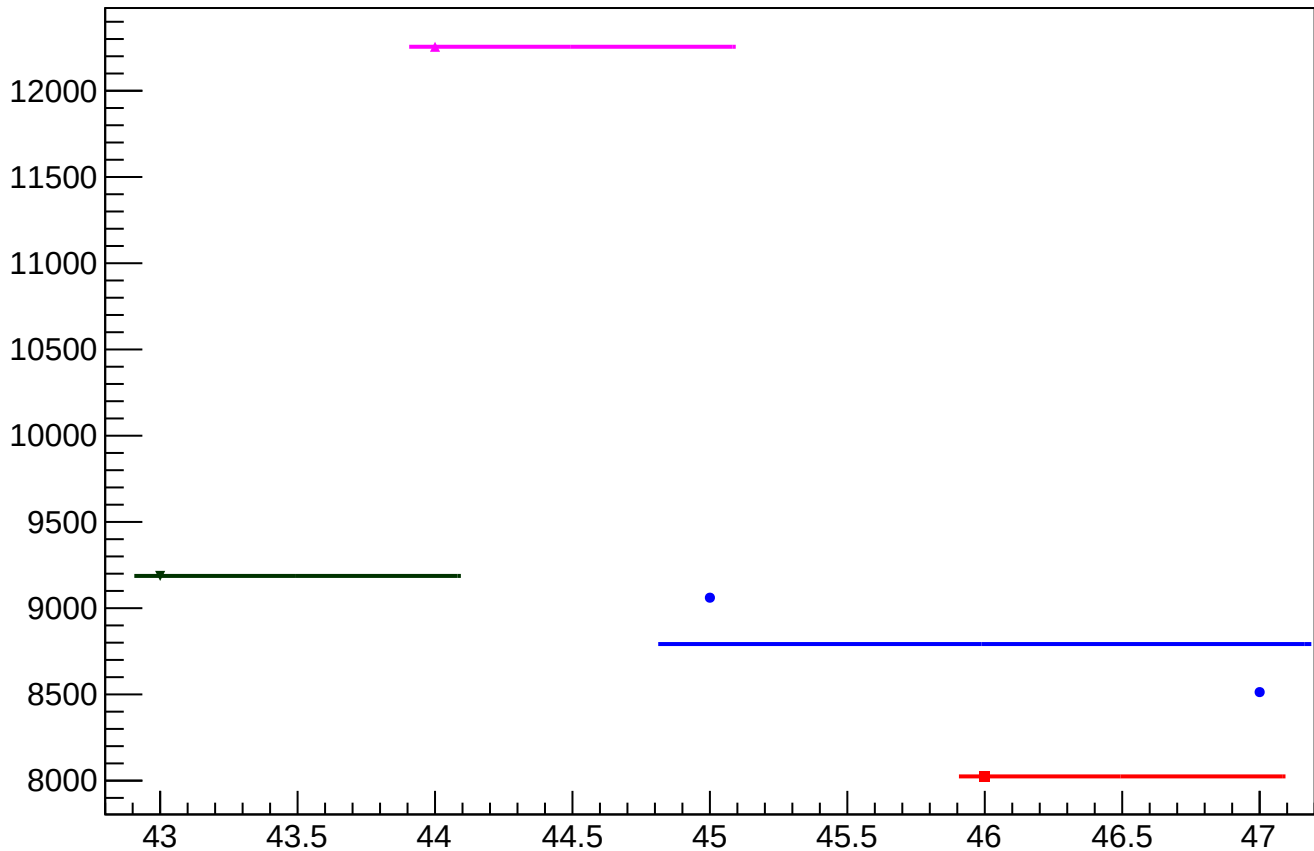
Left Out: 25.043 ± 13.149 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.640 ± 11.407 $\chi^2/\text{NDF}: 0.0/0$

Left In: 11.060 ± 17.116 $\chi^2/\text{NDF}: 0.0/0$

-3.820 ± 5.668 $\chi^2/\text{NDF}: 7.8/4$

diff_bpm0l01X_rms vs slug



Right In: 8792.038+/-5.924 χ^2/NDF : 2133.5/1

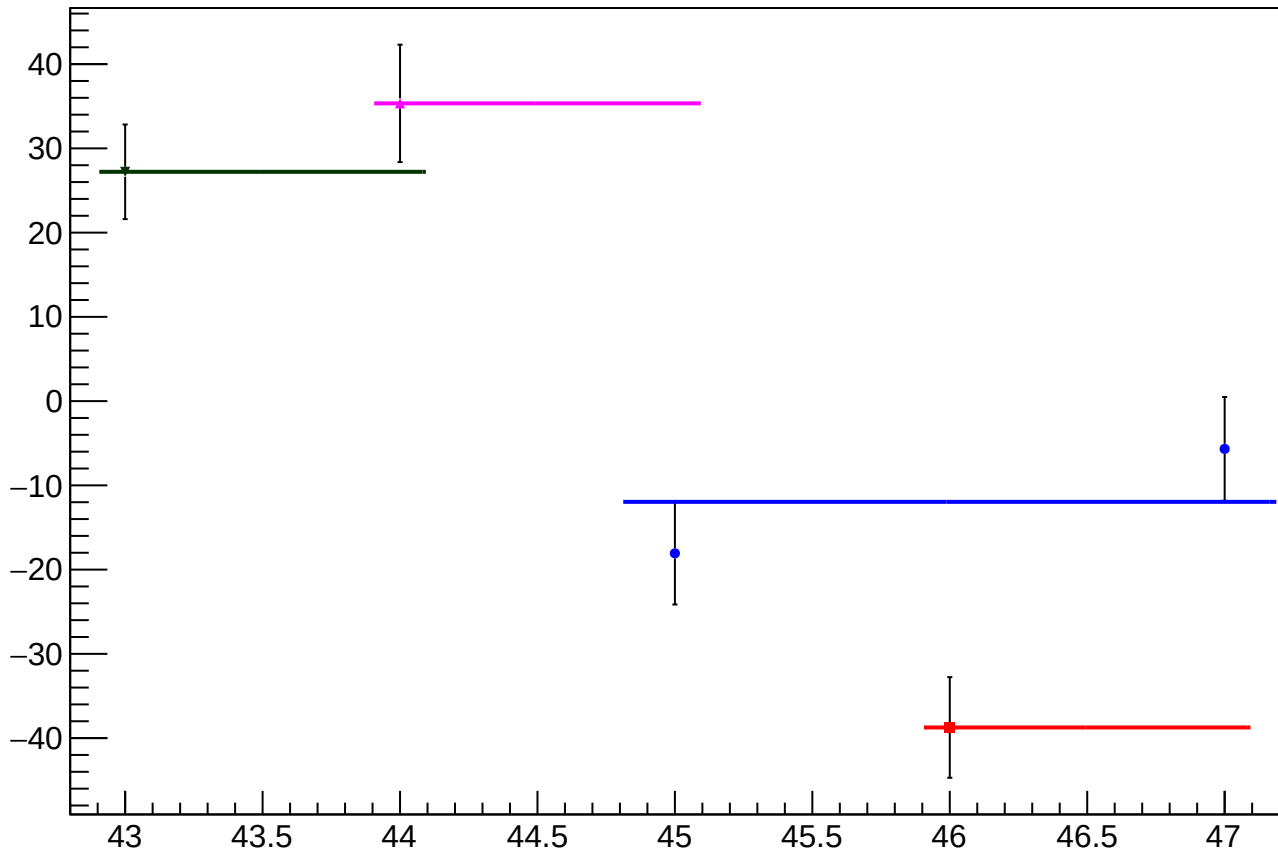
Left Out: 9187.011+/-9.298 χ^2/NDF : 0.0/0

9055.733+/-4.008 χ^2/NDF : 90538.6/4

Right Out: 8024.611+/-8.066 χ^2/NDF : 0.0/0

Left In: 12255.114+/-12.103 χ^2/NDF : 0.0/0

diff_bpm0l01Y_mean vs slug



Right In: -11.958 $\pm$ 4.325 χ^2 /NDF: 2.1/1

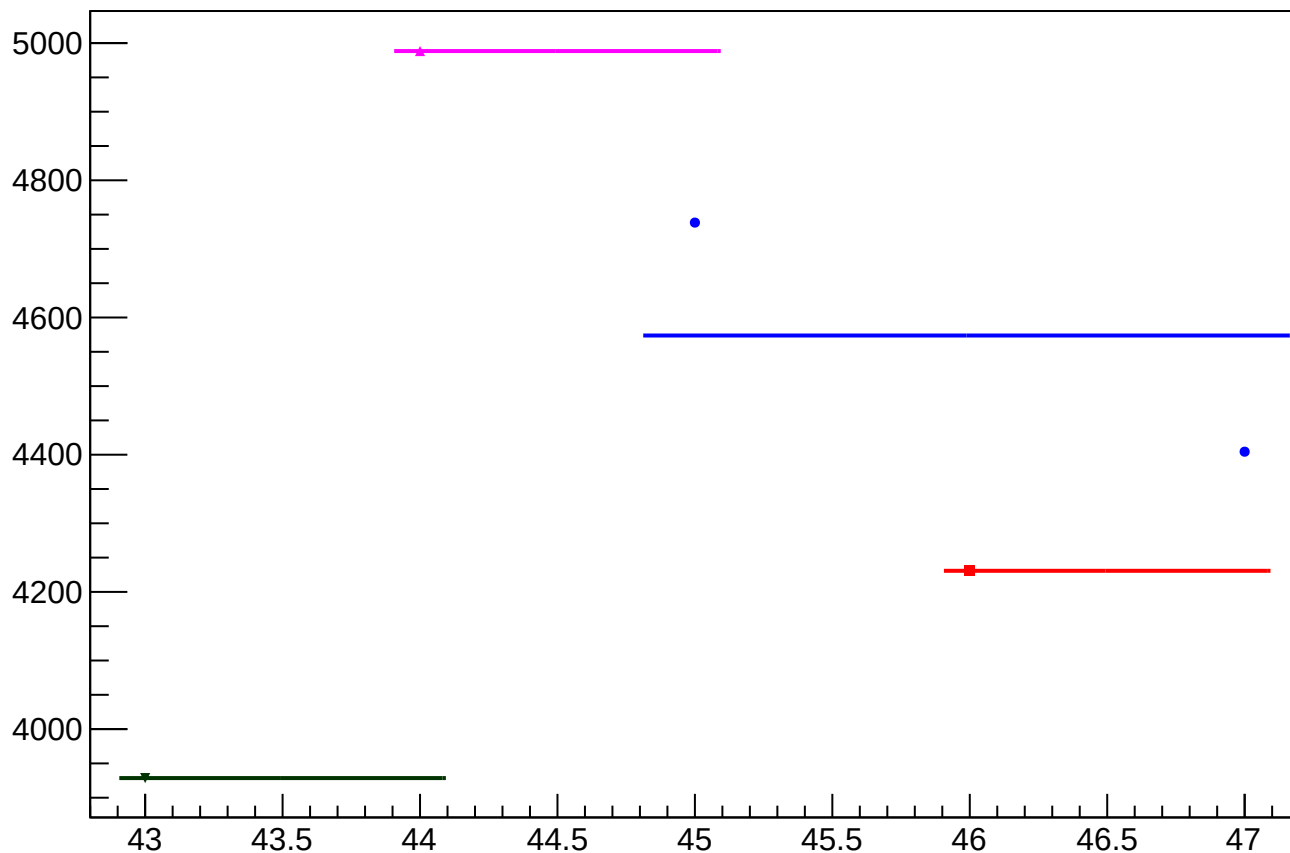
Left Out: 27.217 $\pm$ 5.615 χ^2 /NDF: 0.0/0

Right Out: -38.737 $\pm$ 5.975 χ^2 /NDF: 0.0/0

Left In: 35.342 $\pm$ 6.967 χ^2 /NDF: 0.0/0

-0.994 $\pm$ 2.734 χ^2 /NDF: 100.8/4

diff_bpm0l01Y_rms vs slug



Right In: 4573.752+/-3.059 χ^2/NDF : 2979.8/1

Left Out: 3928.623+/-3.970 χ^2/NDF : 0.0/0

Right Out: 4230.763+/-4.225 χ^2/NDF : 0.0/0

Left In: 4988.411+/-4.927 χ^2/NDF : 0.0/0

4412.818+/-1.933 χ^2/NDF : 36127.1/4