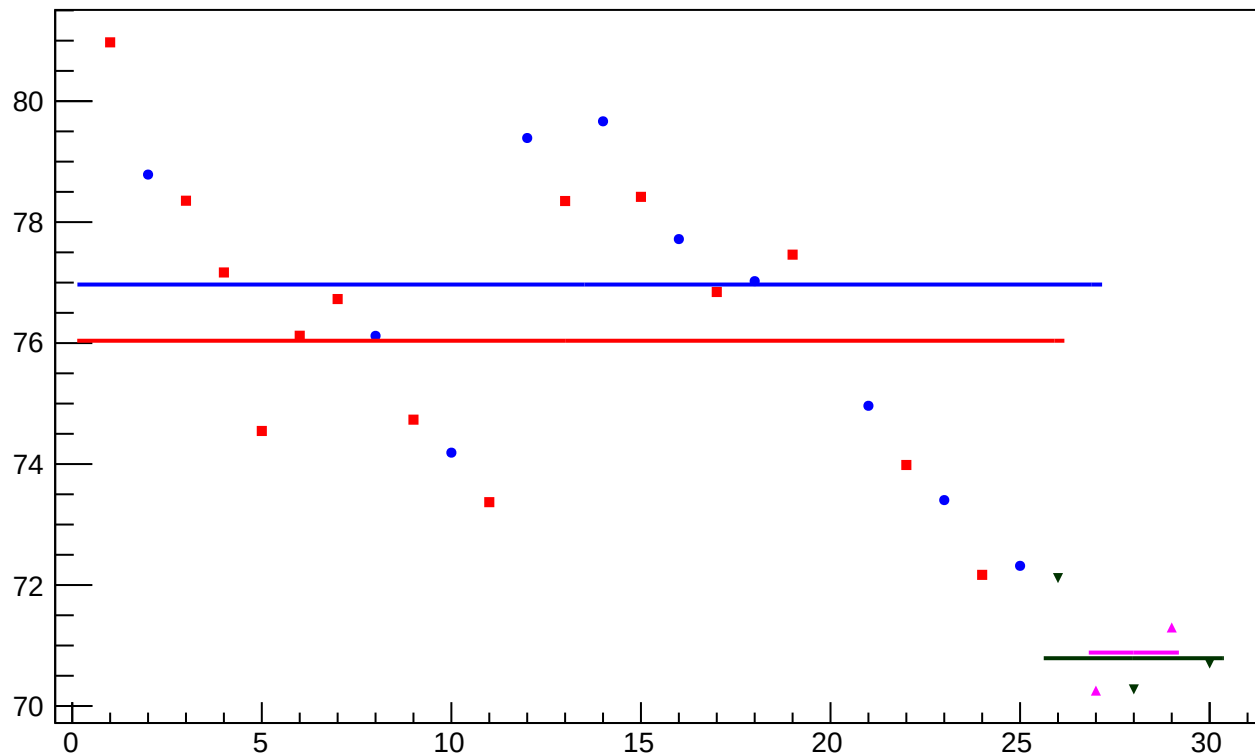


yield_usl_mean vs slug



Right In: 76.968+/-0.000

χ^2/NDF : 1711065538.6/9

75.773+/-0.000

χ^2/NDF : 4209261847.1/12

Left Out: 70.790+/-0.000

χ^2/NDF : 34185030.1/2

Right Out: 76.039+/-0.000

χ^2/NDF : 1751555072.3/13

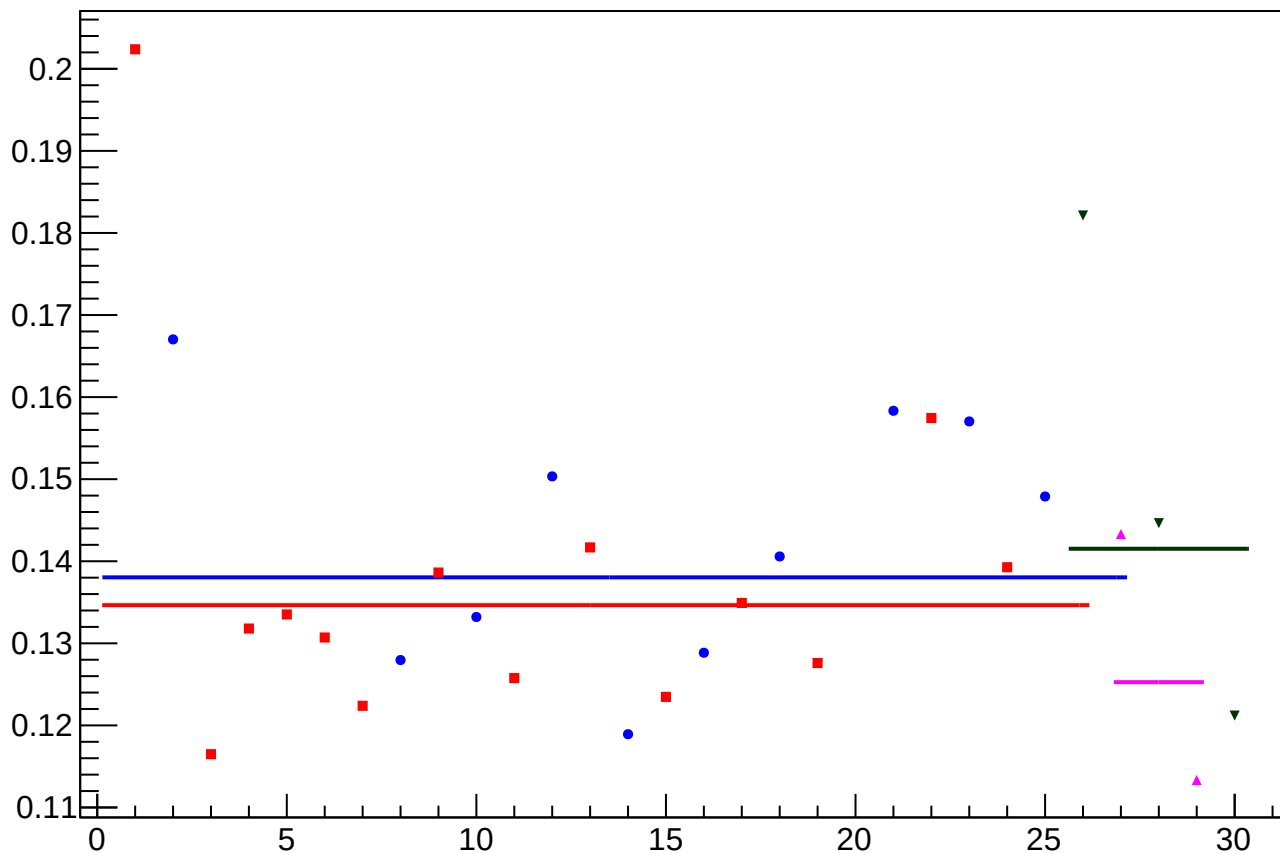
74.885+/-0.000

χ^2/NDF : 3845984925.9/15

Left In: 70.883+/-0.000

χ^2/NDF : 26170593.8/1

yield_usl_rms vs slug



Right In: 0.138+/-0.000 χ^2/NDF : 165046.0/9

Left Out: 0.142+/-0.000 χ^2/NDF : 76620.9/2

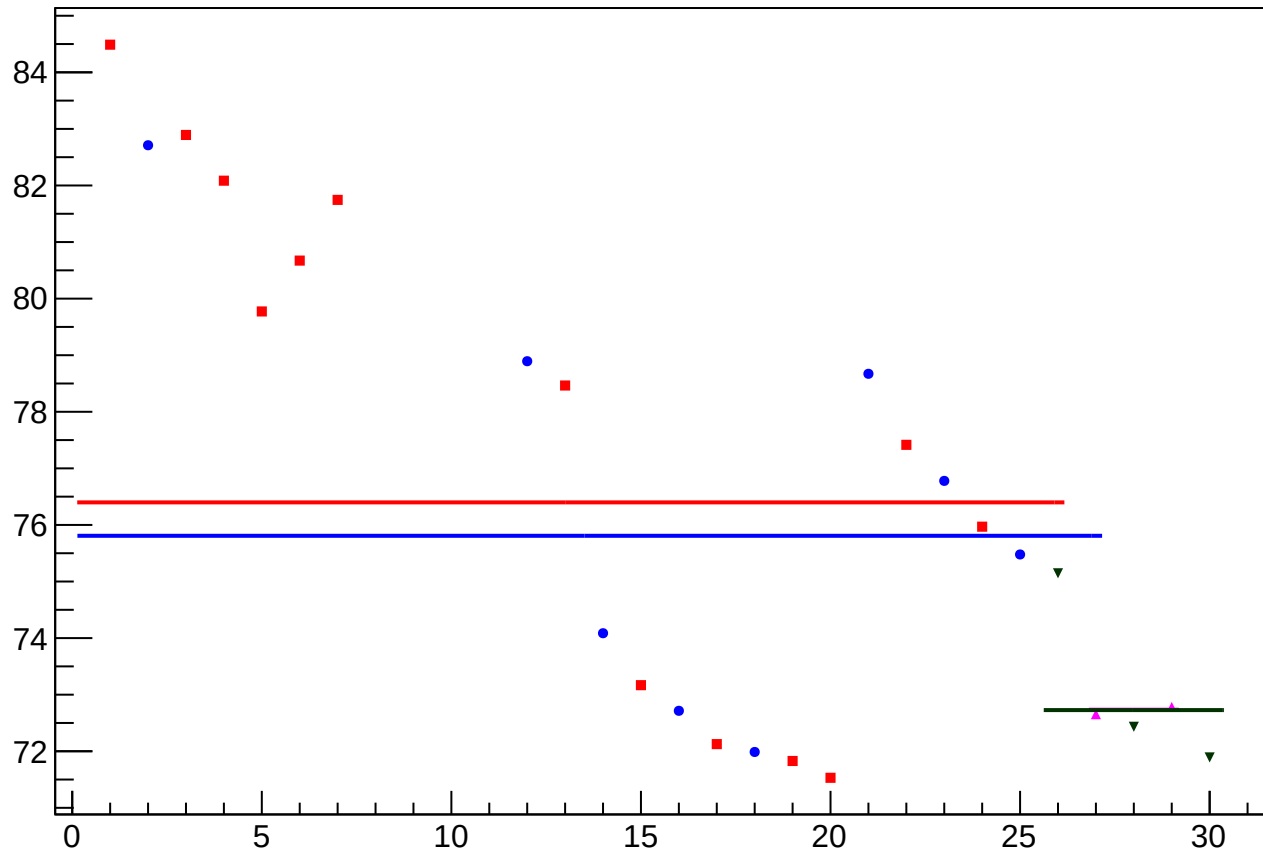
Right Out: 0.135+/-0.000 χ^2/NDF : 187928.2/13

Left In: 0.125+/-0.000 χ^2/NDF : 43155.9/1

0.139+/-0.000 χ^2/NDF : 243236.1/12

0.133+/-0.000 χ^2/NDF : 244777.3/15

yield_usr_mean vs slug



Right In: 75.808+/-0.000 χ^2/NDF : 7015153900.1/7

Left Out: 72.728+/-0.000 χ^2/NDF : 311796906.7/2

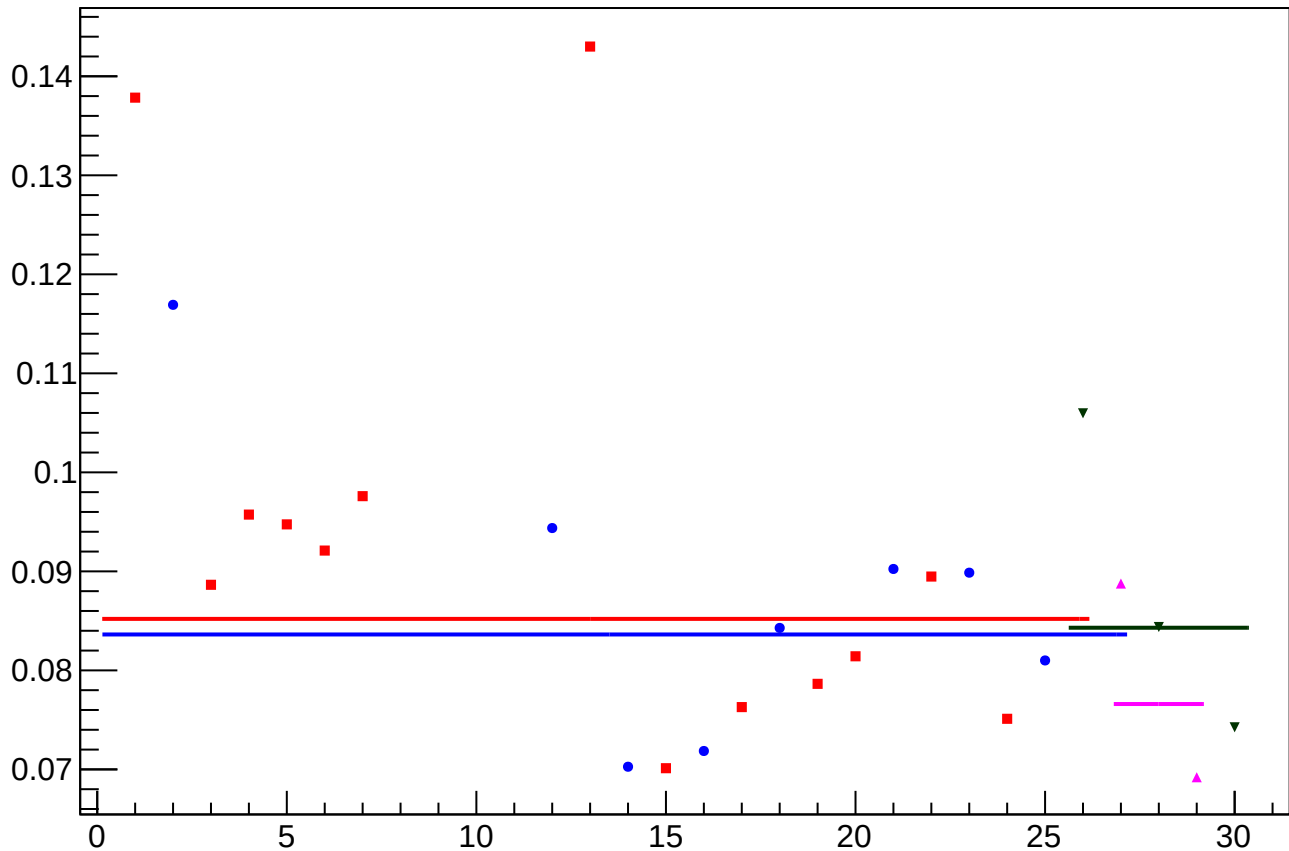
75.042+/-0.000 χ^2/NDF : 8865206556.5/10

Right Out: 76.399+/-0.000 χ^2/NDF : 12123731218.6/12

75.422+/-0.000 χ^2/NDF : 14621996562.5/14

Left In: 72.735+/-0.000 χ^2/NDF : 976269.3/1

yield_usr_rms vs slug



Right In: 0.084+/-0.000 χ^2/NDF : 266268.5/7

Left Out: 0.084+/-0.000 χ^2/NDF :56913.5/2

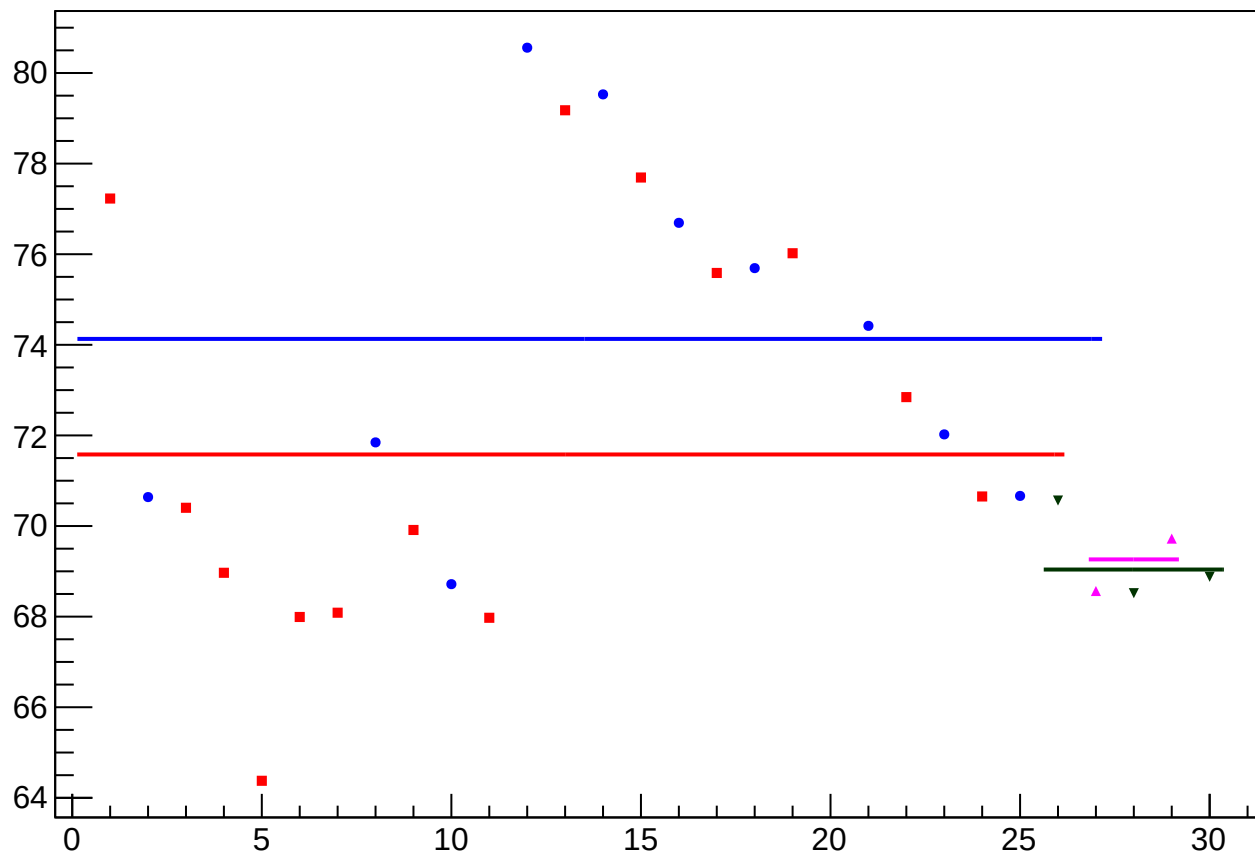
Right Out: 0.085+/-0.000 χ^2/NDF : 361965.2/12

Left In: 0.077+/-0.000 χ^2/NDF :45627.0/1

0.084+/-0.000 χ^2/NDF : 323332.0/10

0.083+/-0.000 χ^2/NDF : 435093.2/14

yield_dsl_mean vs slug



Right In: 74.130+/-0.000 χ^2/NDF : 5411802453.7/9

Left Out: 69.040+/-0.000 χ^2/NDF : 40999695.9/2

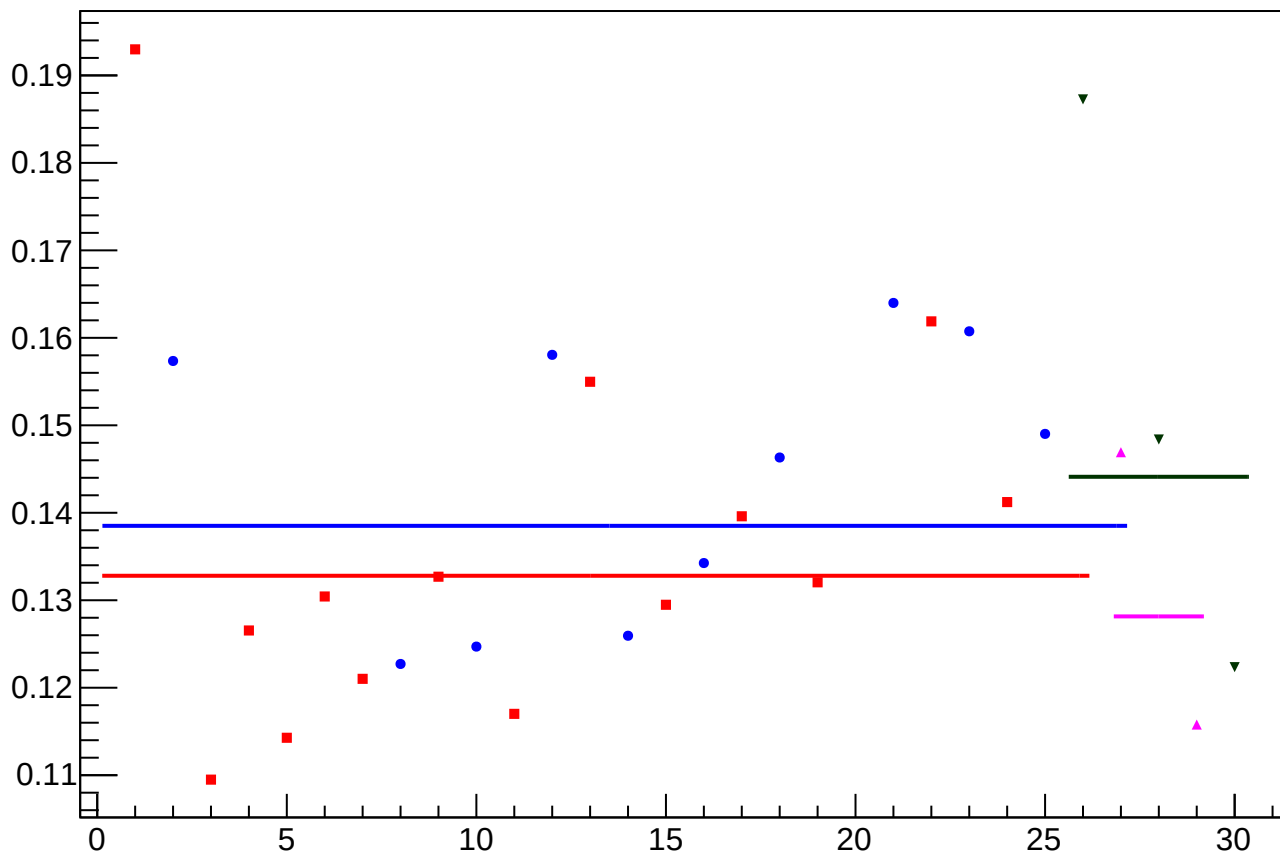
Right Out: 71.580+/-0.000 χ^2/NDF : 5291764674.6/13

Left In: 69.263+/-0.000 χ^2/NDF : 30716902.5/1

73.170+/-0.000 χ^2/NDF : 7071840964.9/12

71.088+/-0.000 χ^2/NDF : 5727724799.3/15

yield_dsl_rms vs slug



Right In: 0.139+/-0.000 χ^2/NDF : 161957.7/9

Left Out: 0.144+/-0.000 χ^2/NDF : 83840.3/2

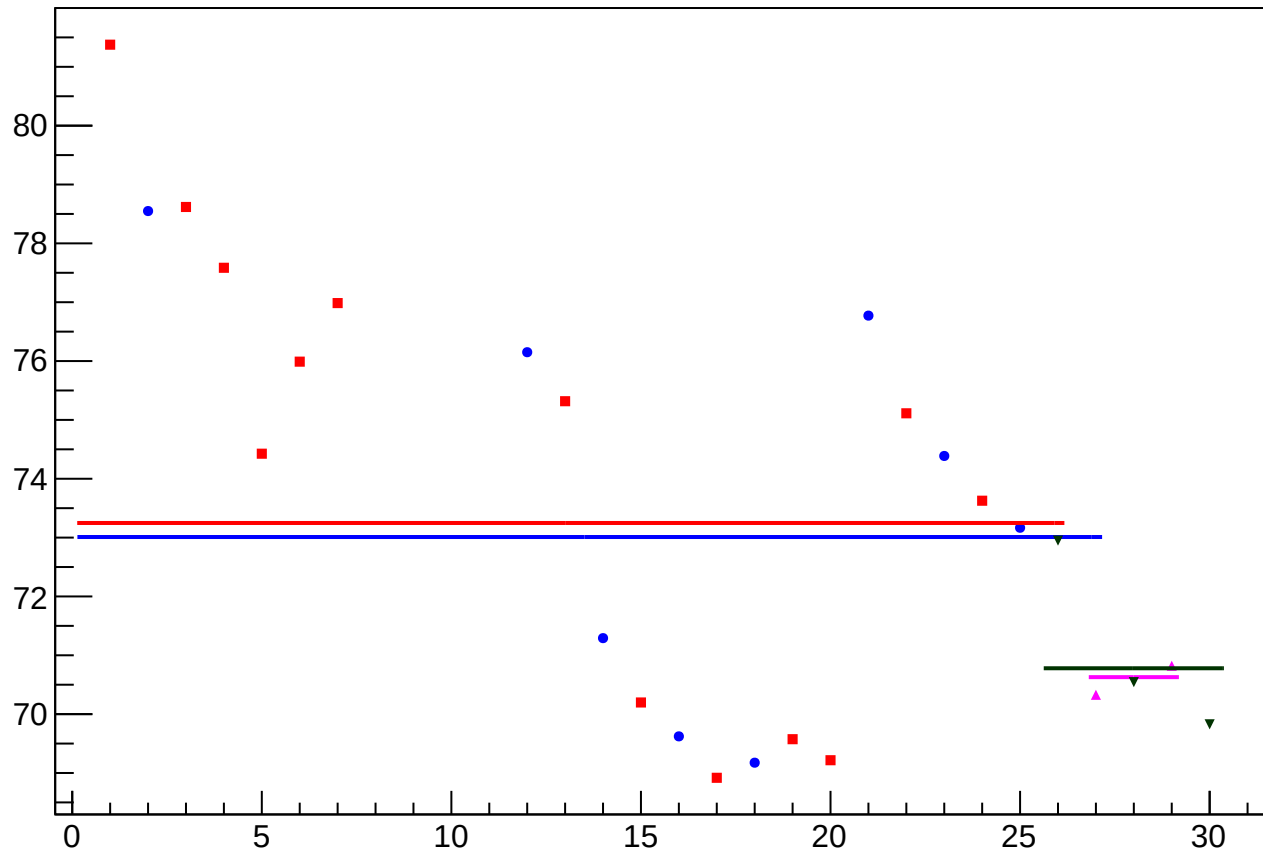
Right Out: 0.133+/-0.000 χ^2/NDF : 223598.4/13

Left In: 0.128+/-0.000 χ^2/NDF : 44505.3/1

0.140+/-0.000 χ^2/NDF : 249726.6/12

0.132+/-0.000 χ^2/NDF : 271364.7/15

yield_dsr_mean vs slug



Right In: 73.010 ± 0.000 χ^2/NDF : 7283491165.6/7

Left Out: 70.780 ± 0.000 χ^2/NDF : 298559905.6/2

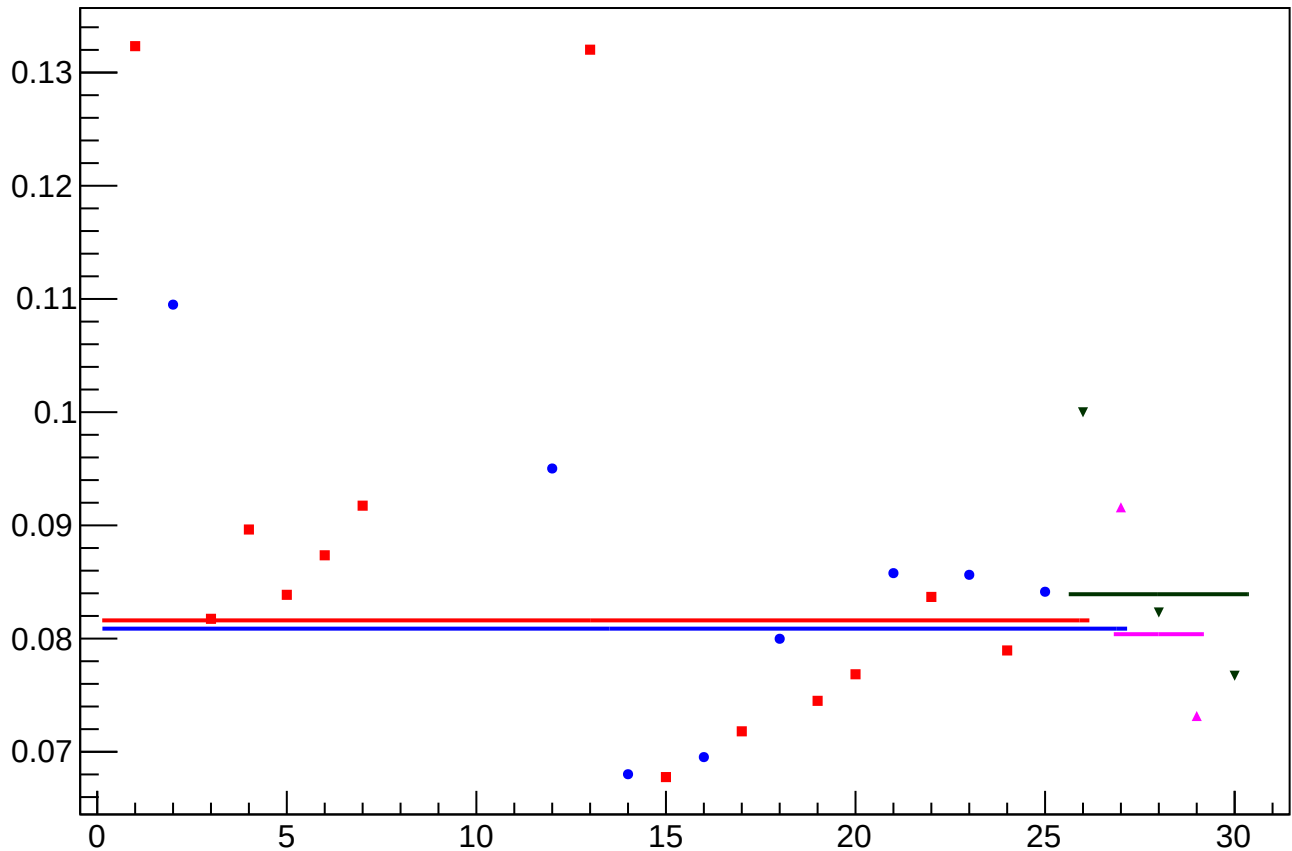
72.479 ± 0.000 χ^2/NDF : 8411350480.3/10

Right Out: 73.248 ± 0.000 χ^2/NDF : 10202786001.6/12

72.637 ± 0.000 χ^2/NDF : 11438693157.5/14

Left In: 70.629 ± 0.000 χ^2/NDF : 13465552.6/1

yield_dsr_rms vs slug



Right In: 0.081+/-0.000 χ^2/NDF : 249639.6/7

Left Out: 0.084+/-0.000 χ^2/NDF : 33026.5/2

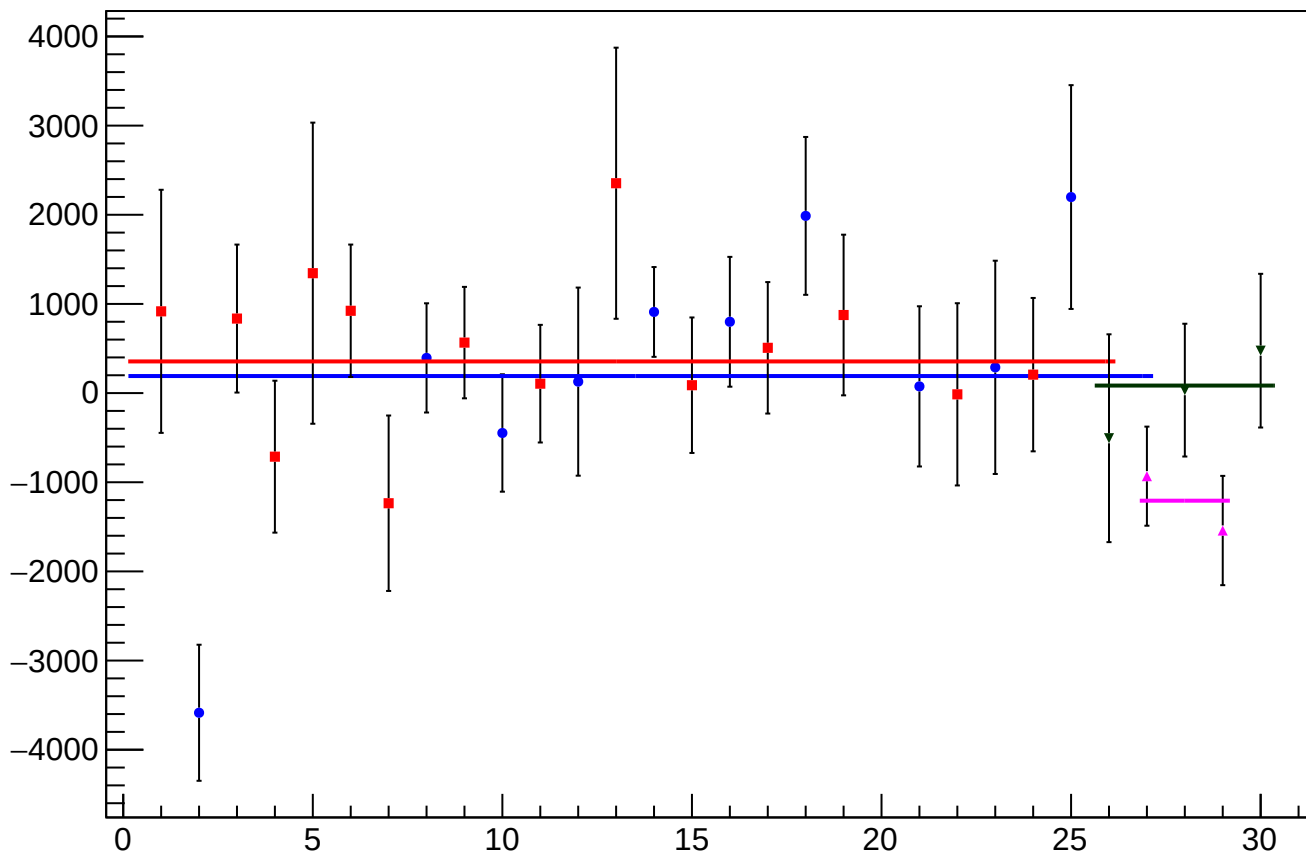
Right Out: 0.082+/-0.000 χ^2/NDF : 323005.9/12

Left In: 0.080+/-0.000 χ^2/NDF : 37638.0/1

0.082+/-0.000 χ^2/NDF : 285748.3/10

0.081+/-0.000 χ^2/NDF : 361173.8/14

asym_usl_mean vs slug



Right In: 191.189 ± 240.662 $\chi^2/\text{NDF}: 35.0/9$

Left Out: 84.310 ± 507.312 $\chi^2/\text{NDF}: 0.5/2$

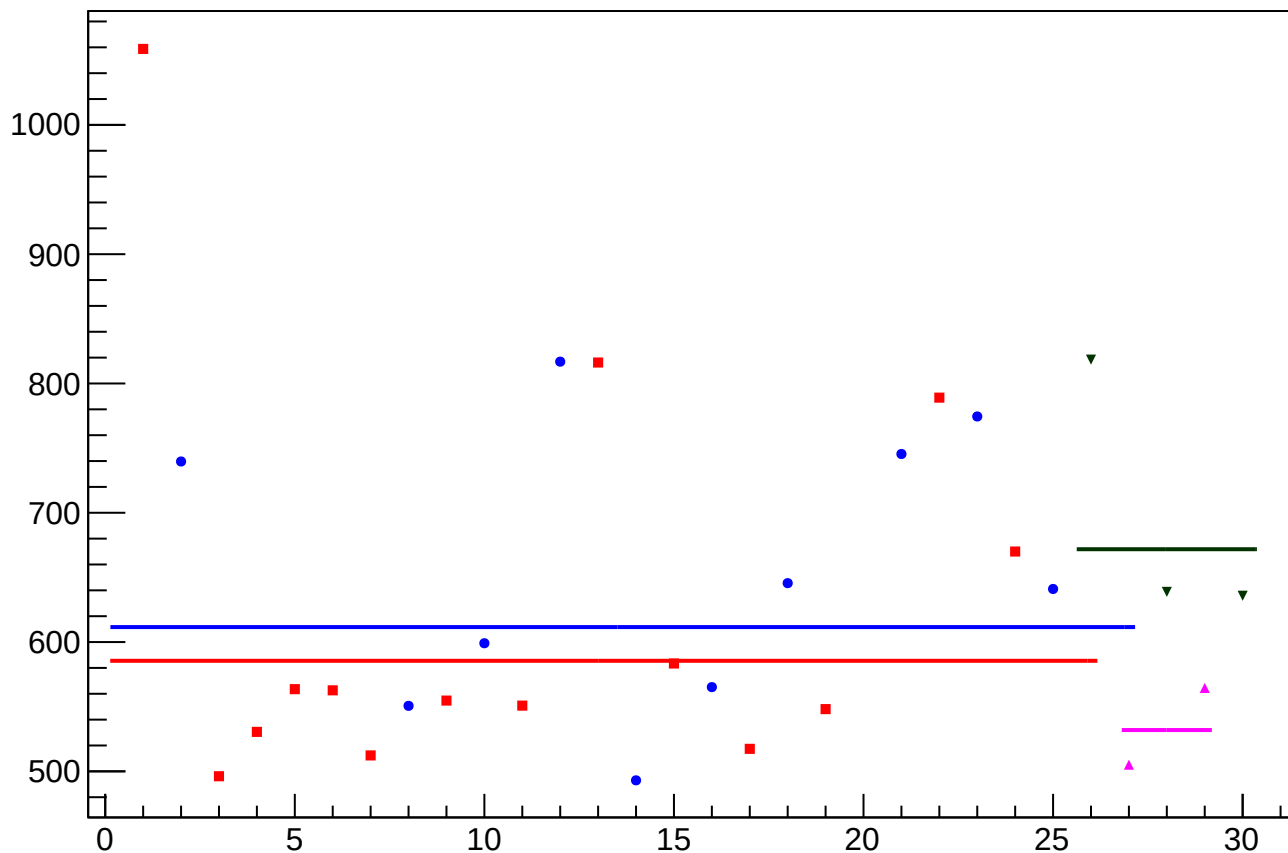
Right Out: 355.079 ± 229.617 $\chi^2/\text{NDF}: 8.3/13$

Left In: -1206.907 ± 411.697 $\chi^2/\text{NDF}: 0.5/1$

171.555 ± 217.437 $\chi^2/\text{NDF}: 35.5/12$

-15.522 ± 200.536 $\chi^2/\text{NDF}: 19.8/15$

asym_usl_rms vs slug



Right In: 611.586+/-0.170 χ^2/NDF : 357096.8/9

Left Out: 671.807+/-0.359 χ^2/NDF :39071.5/2

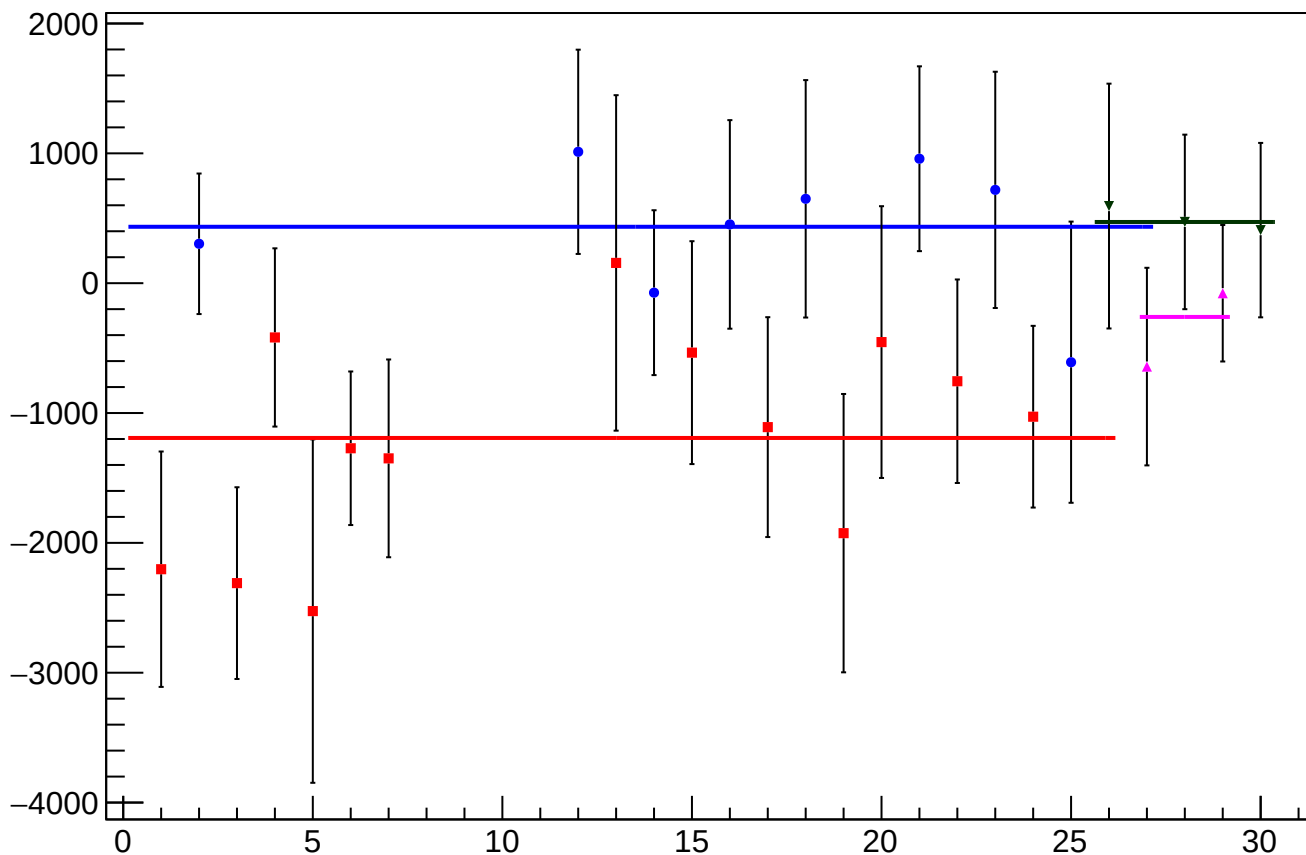
Right Out: 585.507+/-0.162 χ^2/NDF : 461384.6/13

Left In: 531.945+/-0.291 χ^2/NDF :10298.3/1

622.649+/-0.154 χ^2/NDF : 419173.5/12

572.799+/-0.142 χ^2/NDF : 497503.7/15

asym_usr_mean vs slug



Right In: 434.470+/-264.503 χ^2/NDF : 2.9/7

Left Out: 471.386+/-424.275 χ^2/NDF : 0.0/2

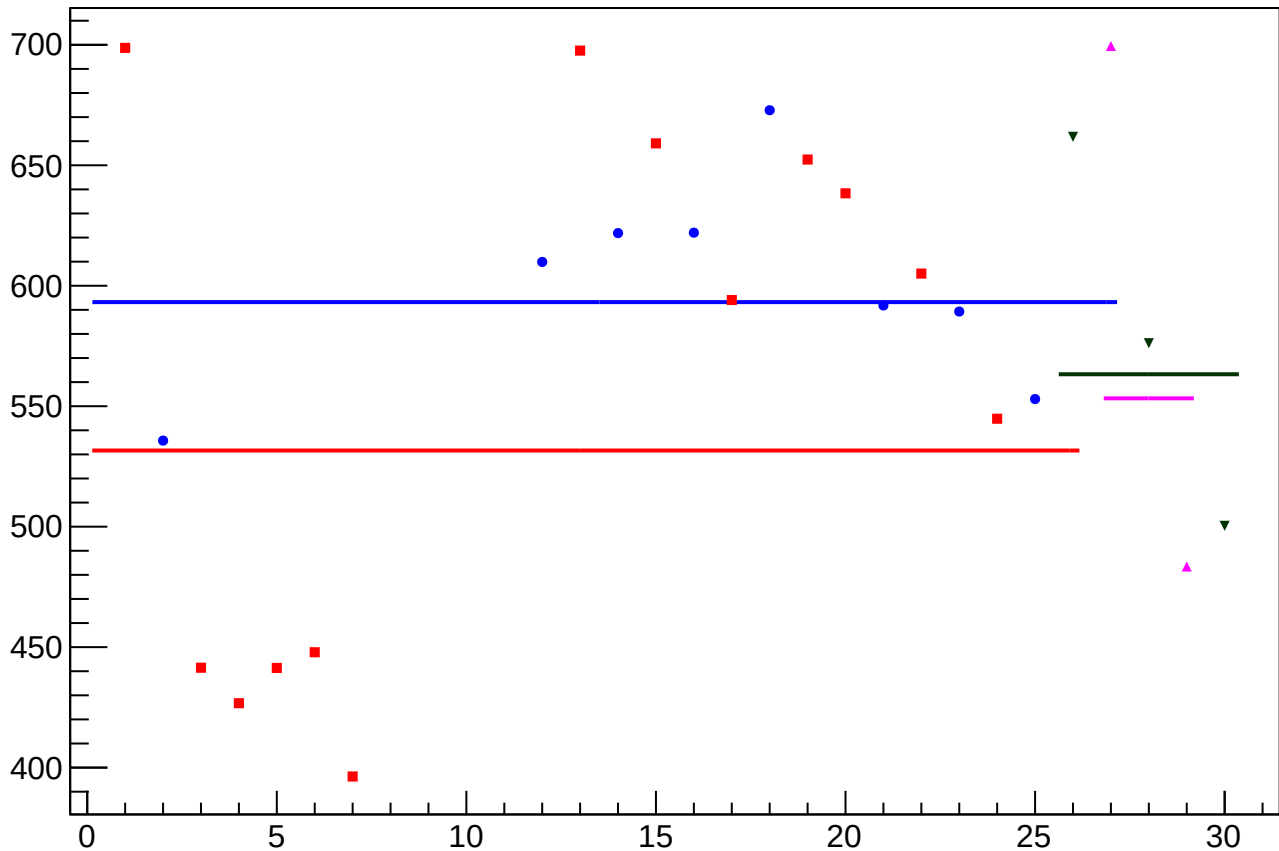
Right Out: -1192.025+/-228.607 χ^2/NDF : 8.9/12

Left In: -259.953+/-432.497 χ^2/NDF : 0.4/1

444.802+/-224.457 χ^2/NDF : 2.9/10

-988.480+/-202.110 χ^2/NDF : 12.9/14

asym_usr_rms vs slug



Right In: 593.203 +/- 0.187 $\chi^2/\text{NDF}: 48091.3/7$

Left Out: 563.262 +/- 0.300 $\chi^2/\text{NDF}: 40138.2/2$

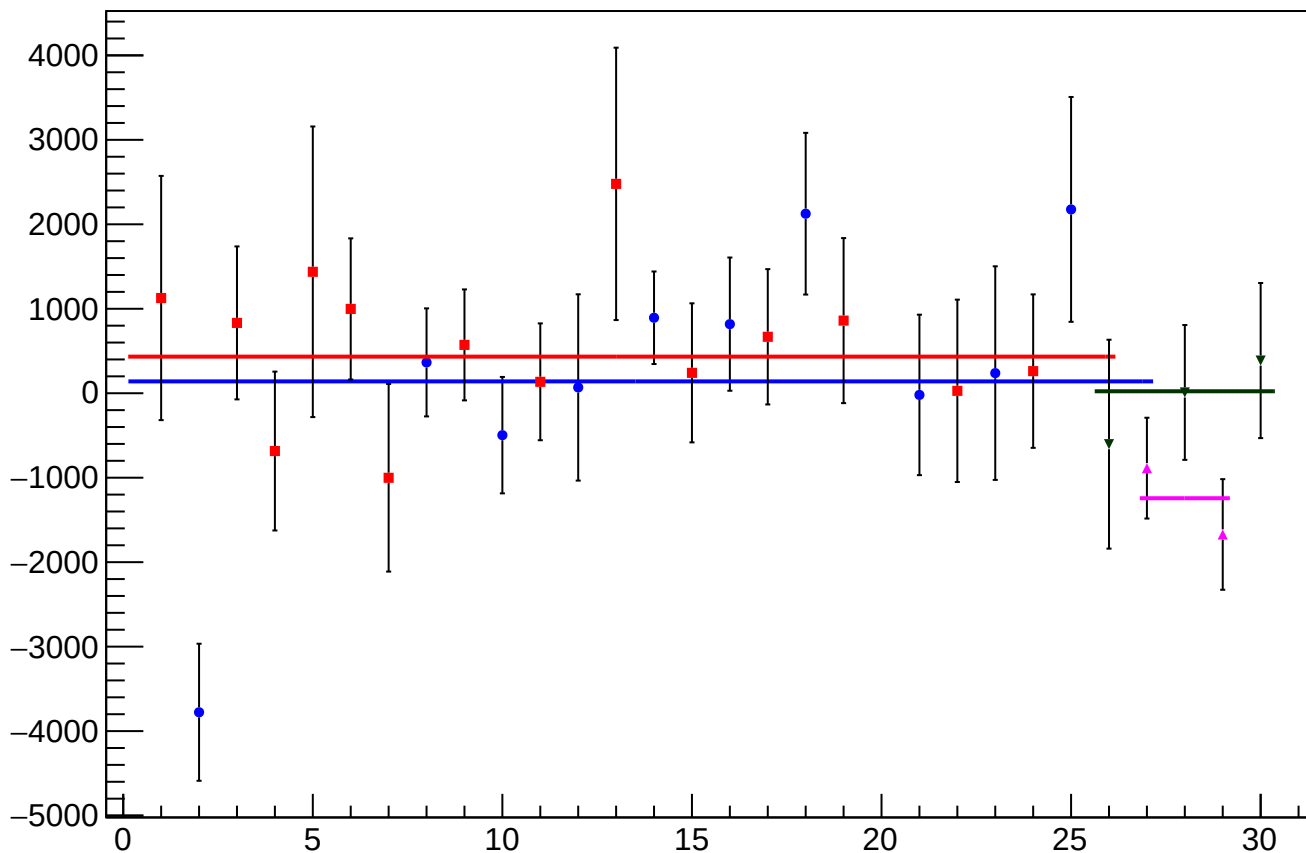
Right Out: 531.607 +/- 0.162 $\chi^2/\text{NDF}: 409540.7/12$

Left In: 553.270 +/- 0.306 $\chi^2/\text{NDF}: 109157.7/1$

584.823 +/- 0.159 $\chi^2/\text{NDF}: 95402.2/10$

536.338 +/- 0.143 $\chi^2/\text{NDF}: 522620.4/14$

asym_dsl_mean vs slug



Right In: 140.267 ± 256.332 χ^2/NDF : 33.6/9

Left Out: 23.281 ± 541.539 χ^2/NDF : 0.4/2

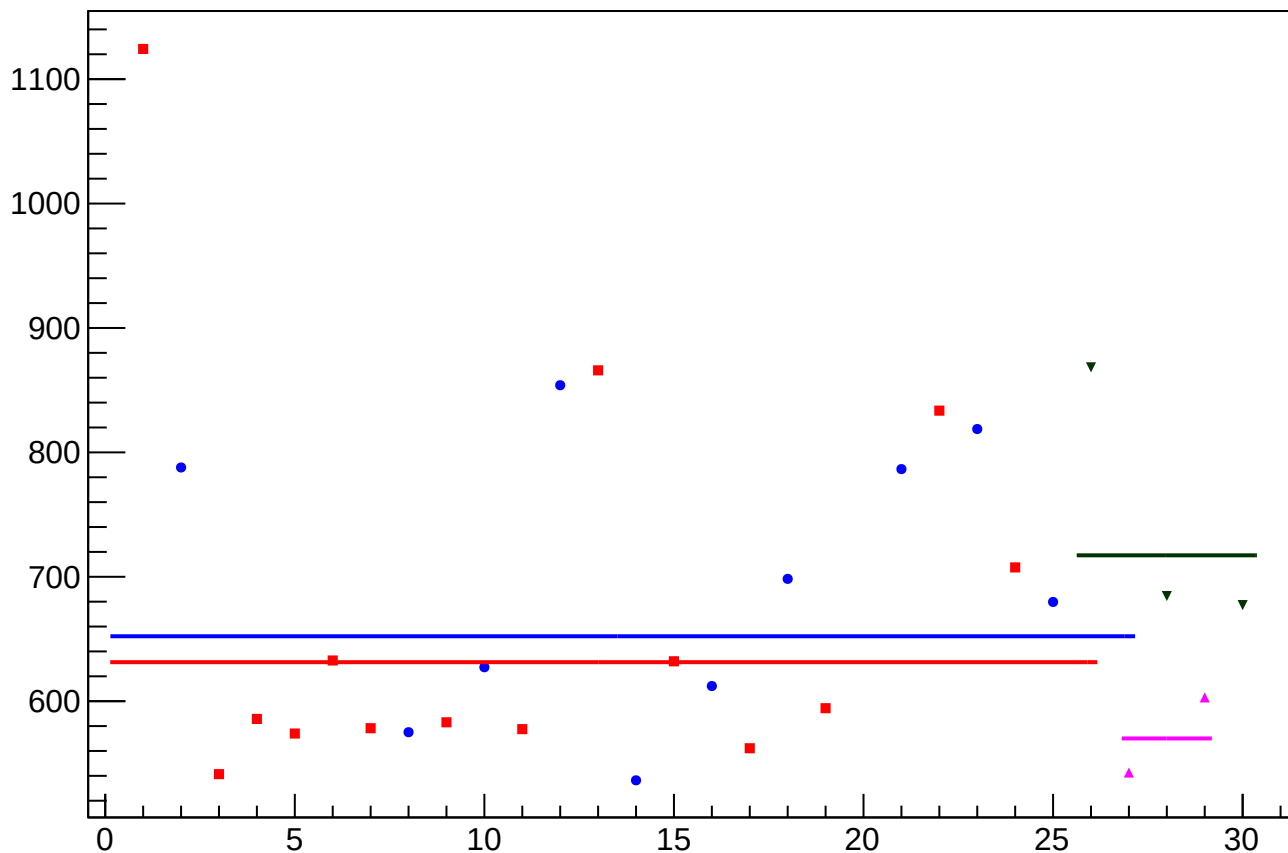
Right Out: 433.448 ± 247.274 χ^2/NDF : 6.7/13

Left In: -1243.051 ± 441.084 χ^2/NDF : 0.8/1

118.854 ± 231.688 χ^2/NDF : 34.0/12

32.553 ± 215.693 χ^2/NDF : 18.4/15

asym_dsl_rms vs slug



Right In: 652.197+/-0.181 χ^2/NDF : 329255.8/9

Left Out: 717.252+/-0.383 χ^2/NDF : 37019.7/2

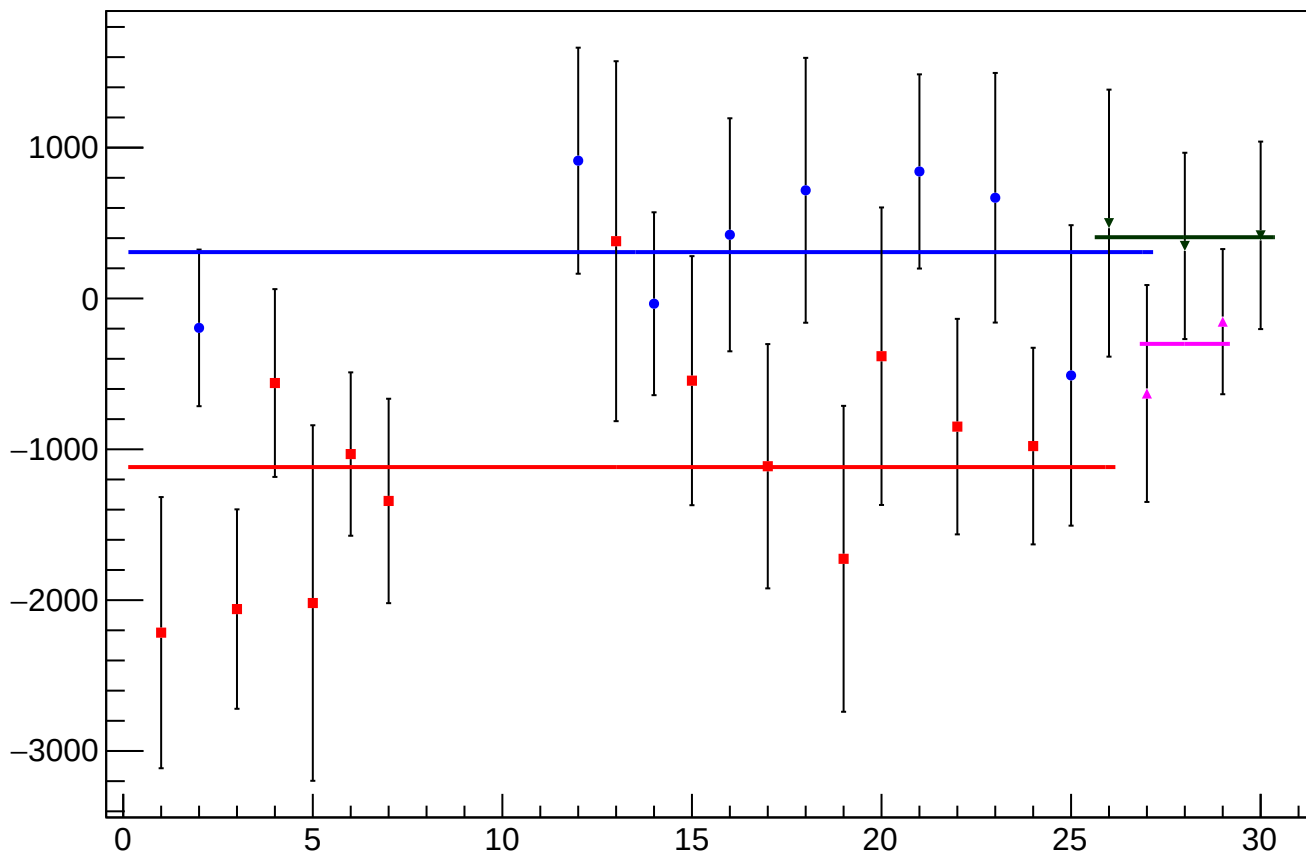
Right Out: 631.359+/-0.175 χ^2/NDF : 431028.0/13

Left In: 570.059+/-0.312 χ^2/NDF : 9291.8/1

664.105+/-0.164 χ^2/NDF : 389855.1/12

616.701+/-0.153 χ^2/NDF : 469711.4/15

asym_dsr_mean vs slug



Right In: 307.419 $\pm$ 249.478 χ^2/NDF : 3.7/7

Left Out: 406.138 $\pm$ 392.625 χ^2/NDF : 0.0/2

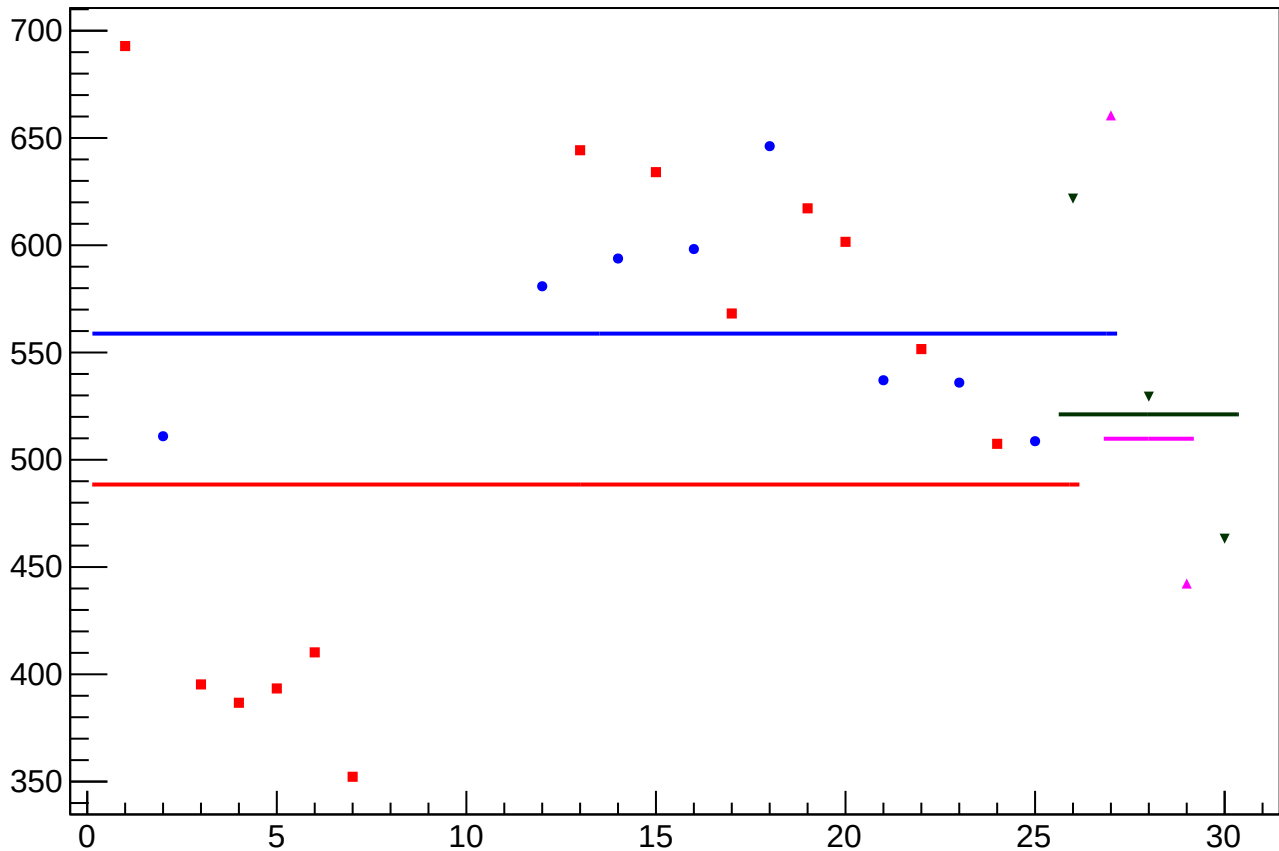
Right Out: -1117.792 $\pm$ 211.192 χ^2/NDF : 8.2/12

Left In: -300.977 $\pm$ 399.941 χ^2/NDF : 0.3/1

335.813 $\pm$ 210.566 χ^2/NDF : 3.8/10

-939.691 $\pm$ 186.753 χ^2/NDF : 11.8/14

asym_dsr_rms vs slug



Right In: 558.817+/-0.176 χ^2/NDF : 59265.1/7

Left Out: 521.167+/-0.278 χ^2/NDF : 43564.6/2

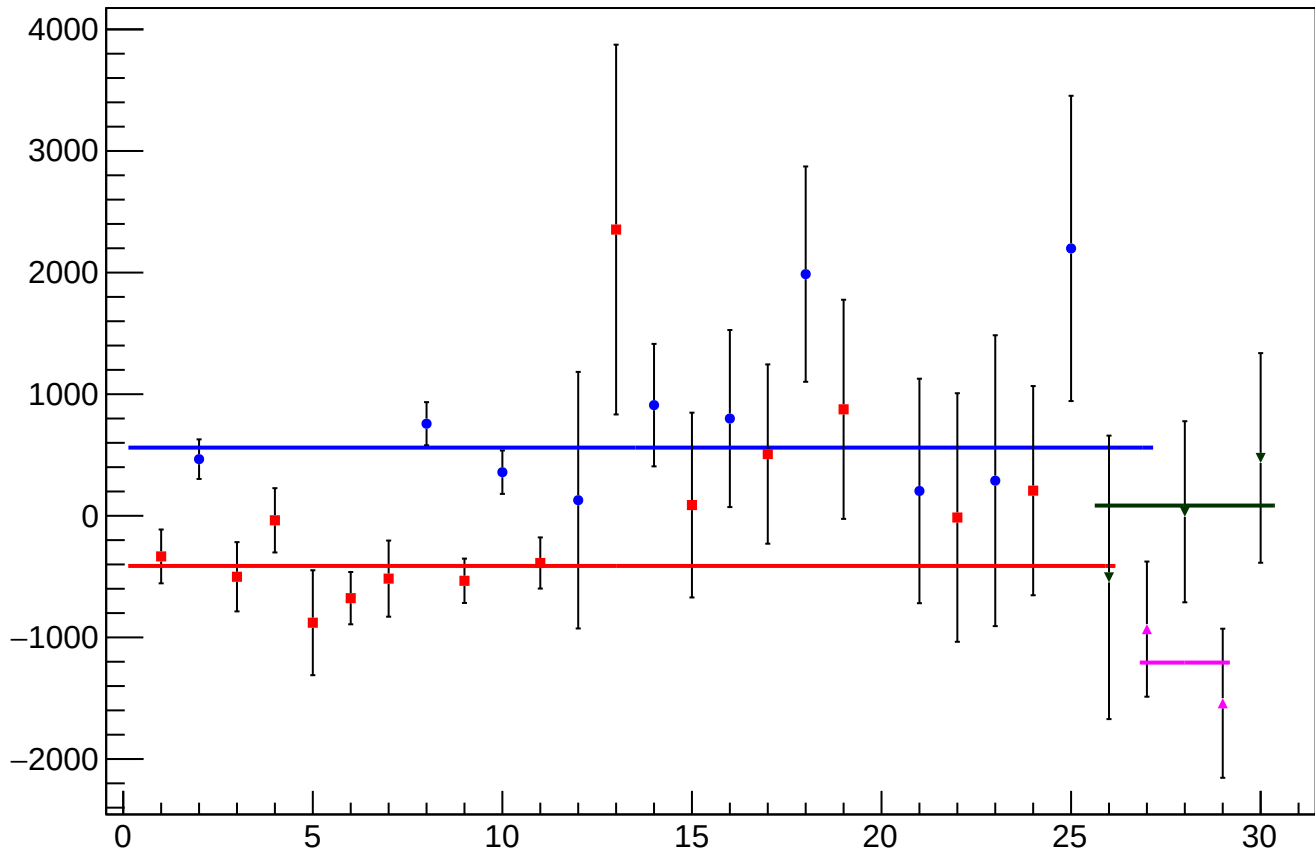
Right Out: 488.464+/-0.149 χ^2/NDF : 523669.5/12

Left In: 509.815+/-0.283 χ^2/NDF : 127217.7/1

547.988+/-0.149 χ^2/NDF : 115930.8/10

493.120+/-0.132 χ^2/NDF : 655344.2/14

cor_usl_mean vs slug



Right In: 560.760 $\pm$ 94.709 χ^2/NDF : 8.1/9

Left Out: 84.310 $\pm$ 507.312 χ^2/NDF : 0.5/2

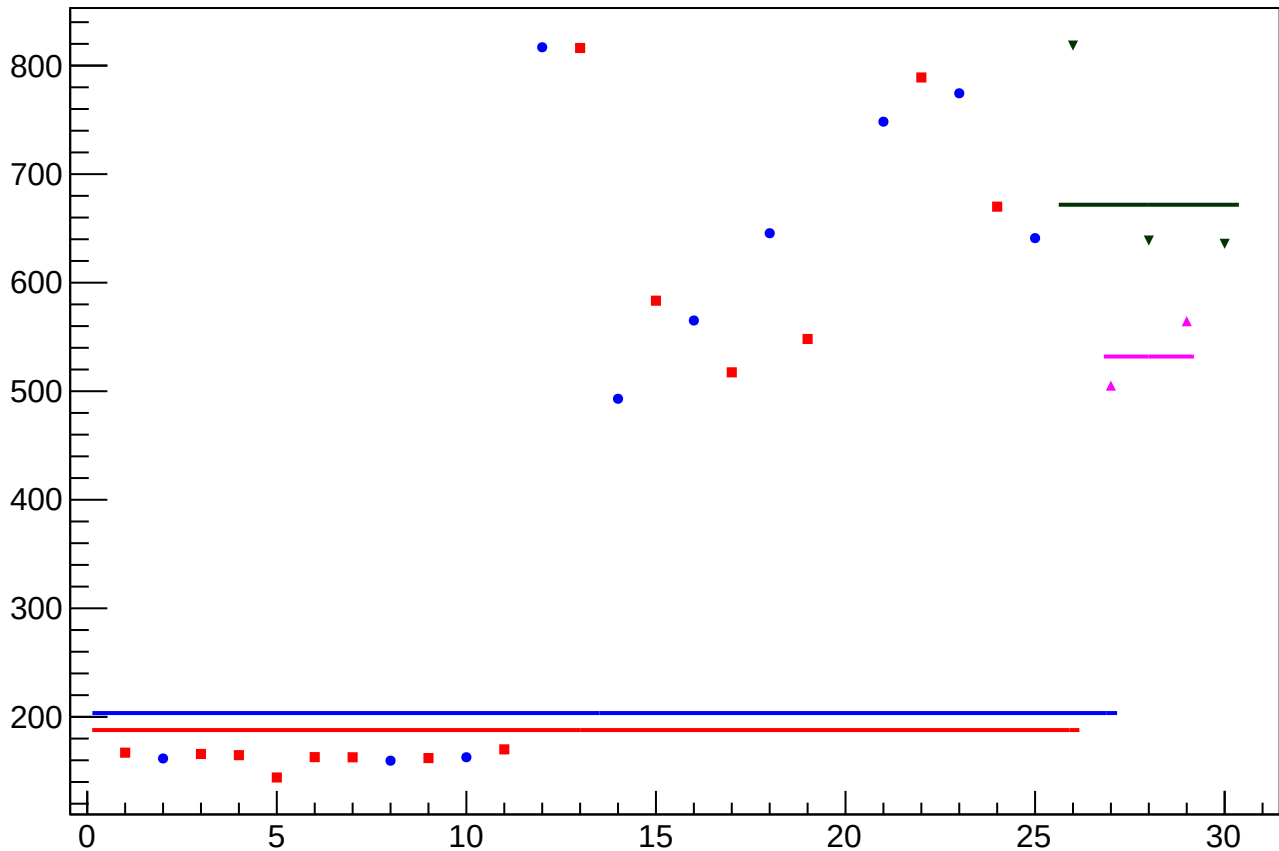
544.714 $\pm$ 93.101 χ^2/NDF : 9.4/12

Right Out: -412.256 $\pm$ 83.194 χ^2/NDF : 13.5/13

-443.432 $\pm$ 81.546 χ^2/NDF : 17.6/15

Left In: -1206.907 $\pm$ 411.697 χ^2/NDF : 0.5/1

cor_usl_rms vs slug



Right In: 203.519+/-0.067 χ^2/NDF : 4083725.4/9

Left Out: 671.807+/-0.359 χ^2/NDF :39071.5/2

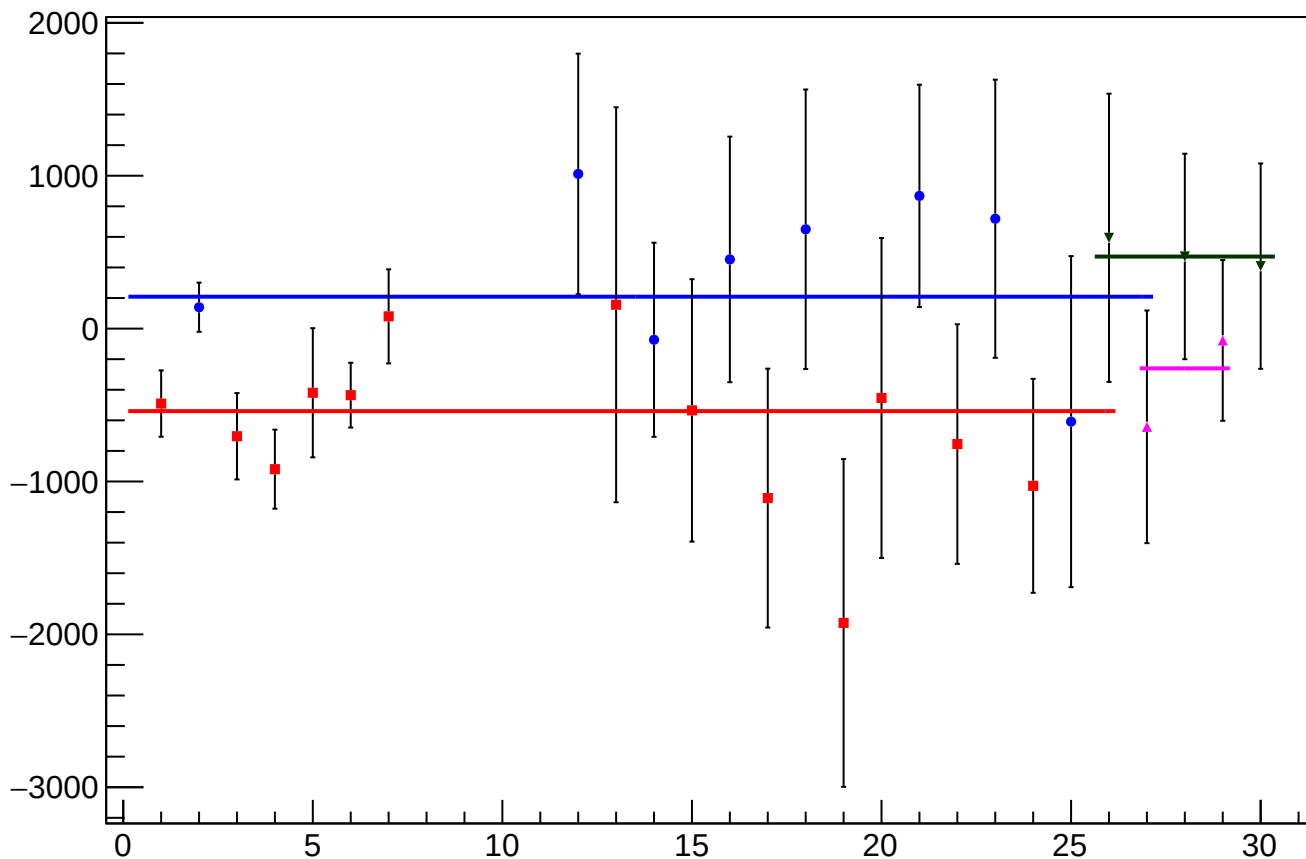
219.290+/-0.066 χ^2/NDF : 5769547.9/12

Right Out: 187.837+/-0.059 χ^2/NDF : 3083147.0/13

201.337+/-0.058 χ^2/NDF : 4435847.4/15

Left In: 531.945+/-0.291 χ^2/NDF :10298.3/1

cor_usr_mean vs slug



Right In: 208.842 $\pm$ 142.168 χ^2 /NDF: 3.5/7

Left Out: 471.386 $\pm$ 424.275 χ^2 /NDF: 0.0/2

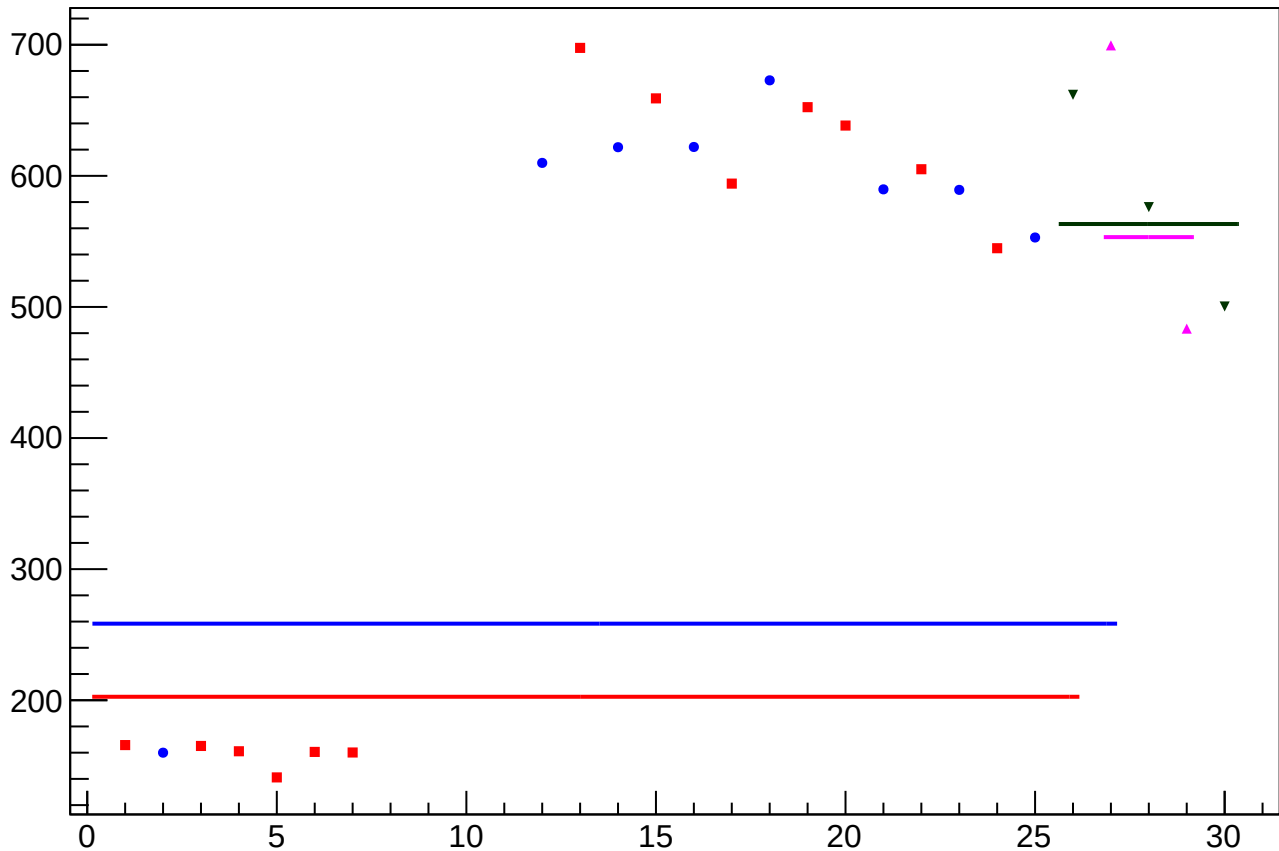
Right Out: -539.647 $\pm$ 102.078 χ^2 /NDF: 9.9/12

Left In: -259.953 $\pm$ 432.497 χ^2 /NDF: 0.4/1

235.345 $\pm$ 134.801 χ^2 /NDF: 3.8/10

-524.889 $\pm$ 99.348 χ^2 /NDF: 10.7/14

cor_usr_rms vs slug



Right In: 258.410 $\pm$ 0.101 χ^2 /NDF: 3452690.1/7

289.184 $\pm$ 0.095 χ^2 /NDF: 4421146.7/10

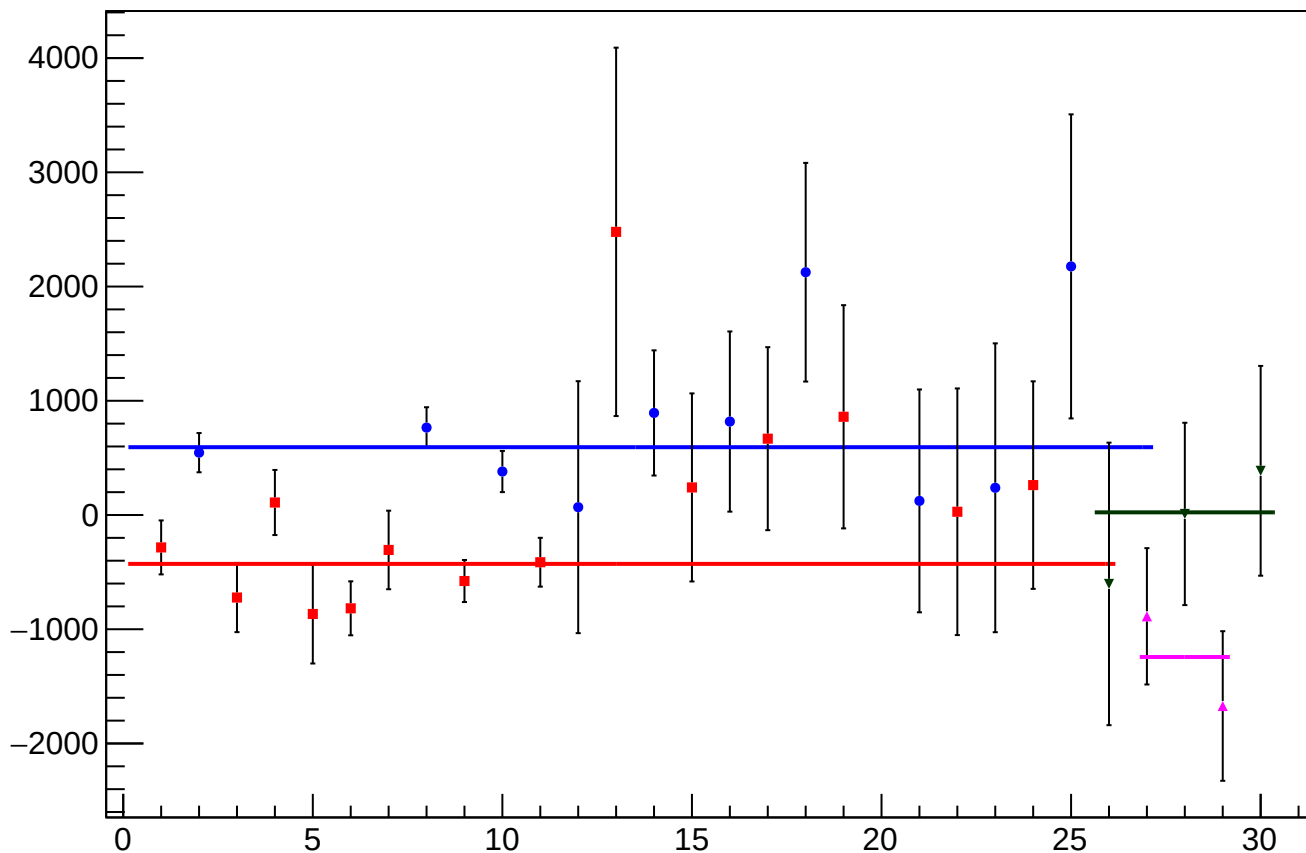
Left Out: 563.262 $\pm$ 0.300 χ^2 /NDF: 40138.2/2

Right Out: 202.647 $\pm$ 0.072 χ^2 /NDF: 3295135.4/12

221.148 $\pm$ 0.070 χ^2 /NDF: 4649391.4/14

Left In: 553.270 $\pm$ 0.306 χ^2 /NDF: 109157.7/1

cor_dsl_mean vs slug



Right In: 593.719 $\pm$ 97.458 χ^2 /NDF: 7.3/9

Left Out: 23.281 $\pm$ 541.539 χ^2 /NDF: 0.4/2

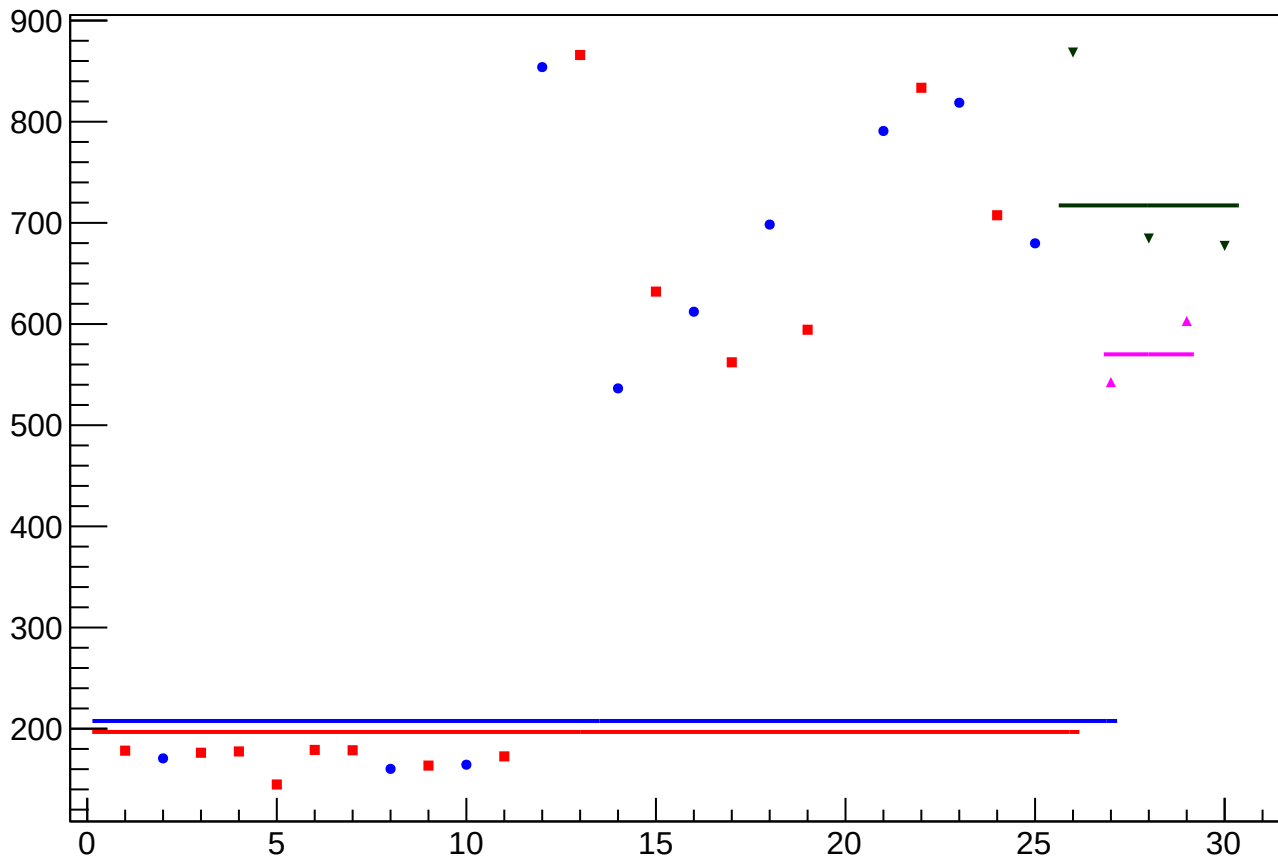
Right Out: -427.852 $\pm$ 87.444 χ^2 /NDF: 17.7/13

Left In: -1243.051 $\pm$ 441.084 χ^2 /NDF: 0.8/1

575.823 $\pm$ 95.917 χ^2 /NDF: 8.8/12

-458.679 $\pm$ 85.775 χ^2 /NDF: 21.8/15

cor_dsl_rms vs slug



Right In: 207.638+/-0.069 χ^2/NDF : 4241374.1/9

Left Out: 717.252+/-0.383 χ^2/NDF :37019.7/2

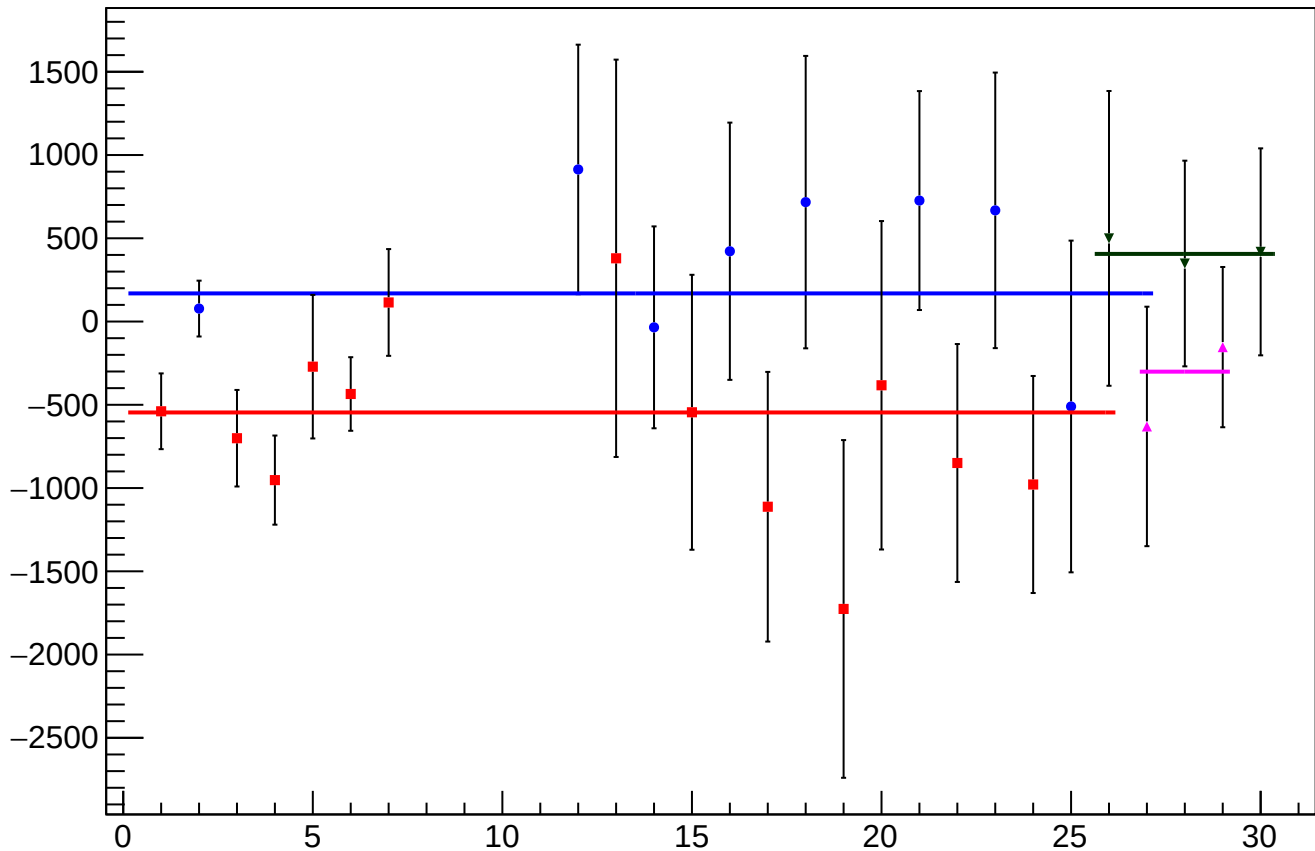
223.625+/-0.068 χ^2/NDF : 5993972.9/12

Right Out: 196.791+/-0.062 χ^2/NDF : 3145861.6/13

210.907+/-0.061 χ^2/NDF : 4533271.1/15

Left In: 570.059+/-0.312 χ^2/NDF :9291.8/1

cor_dsr_mean vs slug



Right In: 168.969 ± 144.593 χ^2/NDF : 3.4/7

Left Out: 406.138 ± 392.625 χ^2/NDF : 0.0/2

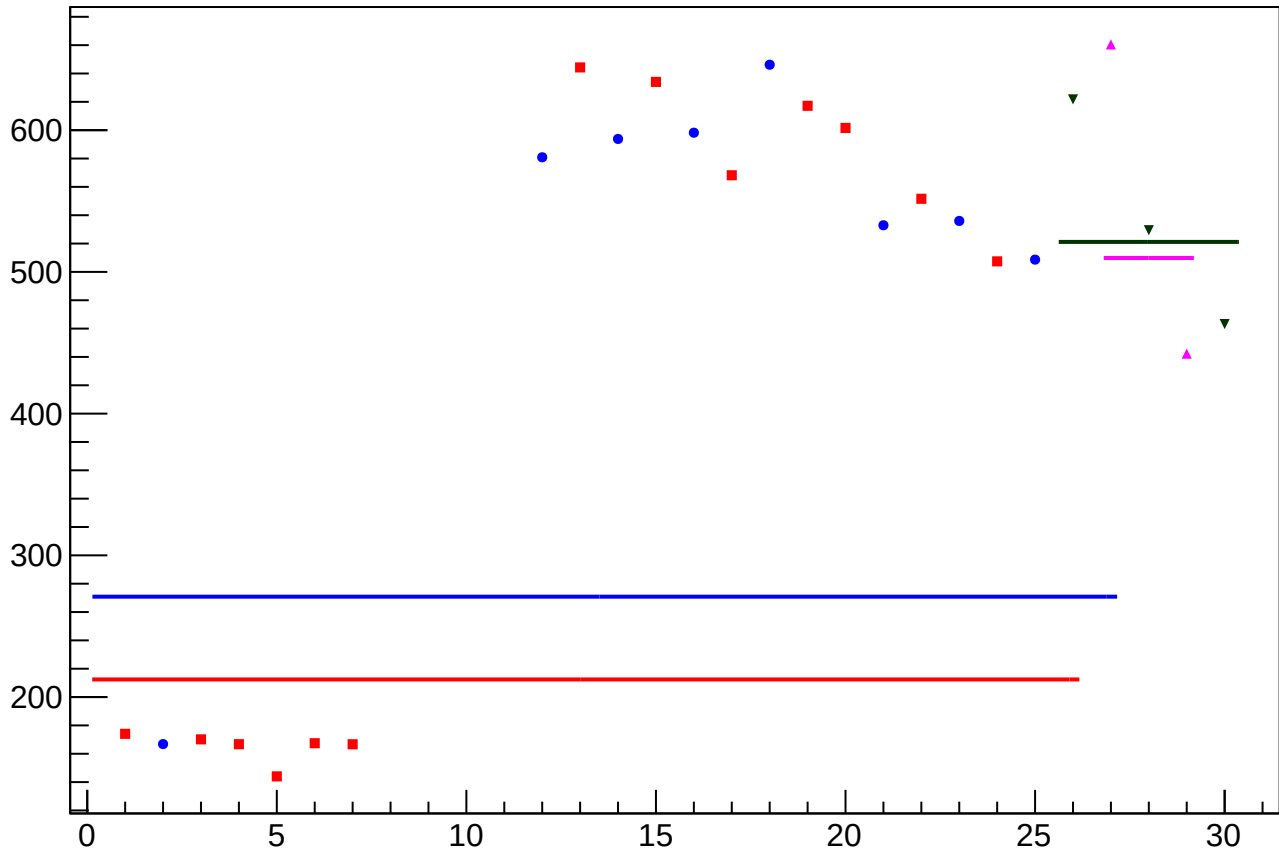
Right Out: -546.022 ± 104.953 χ^2/NDF : 10.6/12

Left In: -300.977 ± 399.941 χ^2/NDF : 0.3/1

197.293 ± 135.684 χ^2/NDF : 3.8/10

-530.234 ± 101.516 χ^2/NDF : 11.2/14

cor_dsr_rms vs slug



Right In: 270.838+/-0.102 χ^2/NDF : 3041646.8/7

300.734+/-0.096 χ^2/NDF : 3801128.6/10

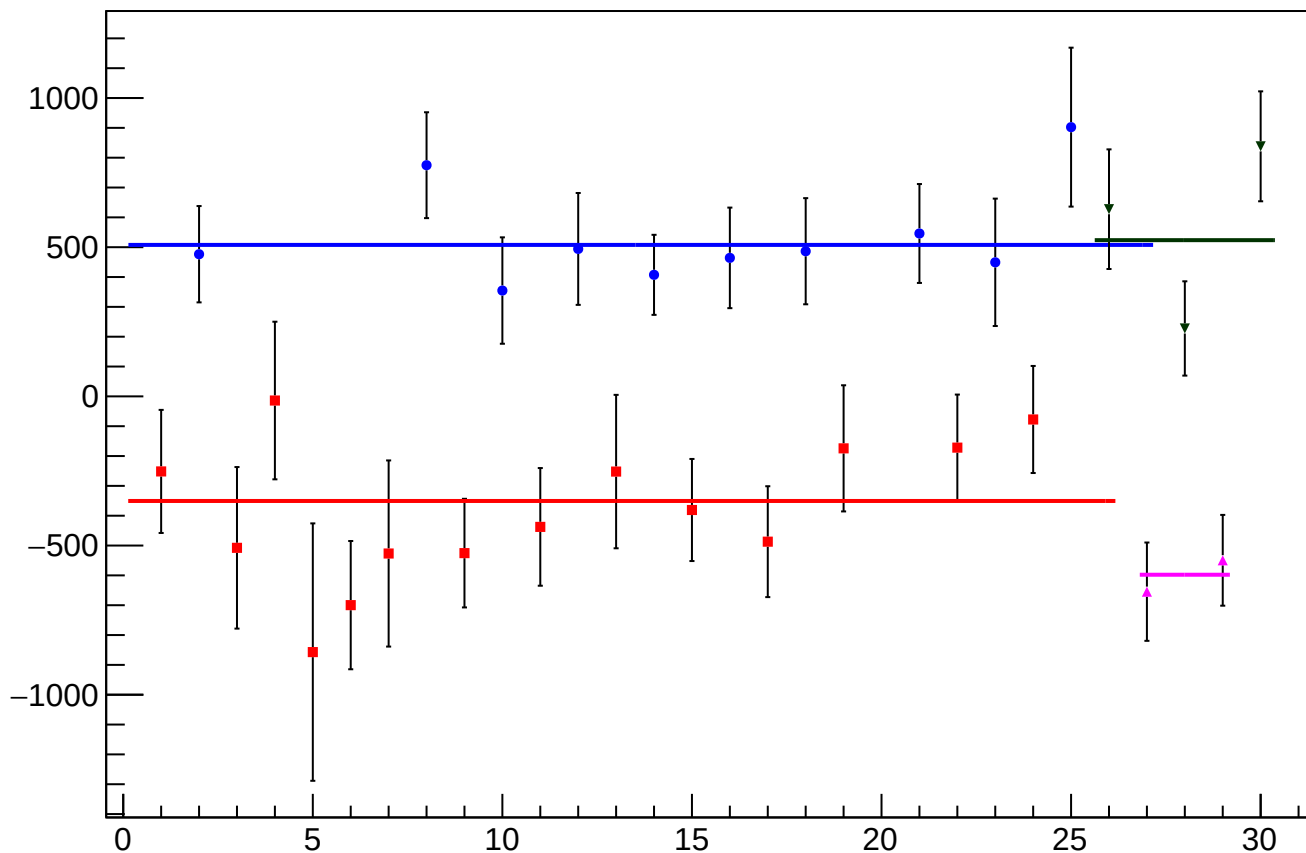
Left Out: 521.167+/-0.278 χ^2/NDF : 43564.6/2

Right Out: 212.435+/-0.074 χ^2/NDF : 2991857.7/12

231.594+/-0.072 χ^2/NDF : 4153594.6/14

Left In: 509.815+/-0.283 χ^2/NDF : 127217.7/1

reg_asym_usl_mean vs slug



Right In: 507.685 +/- 55.484 χ^2/NDF : 6.0/9

Left Out: 523.591 +/- 102.940 χ^2/NDF : 6.7/2

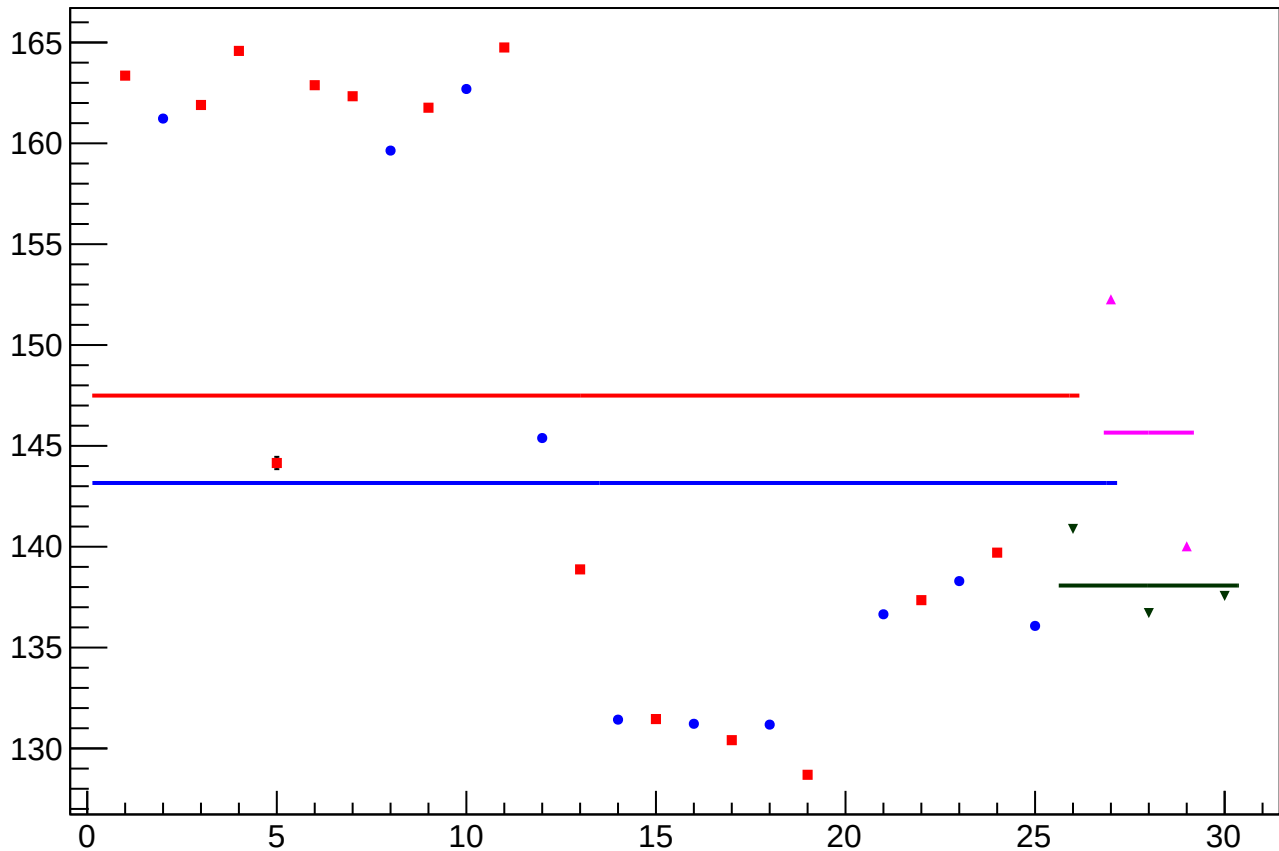
Right Out: -350.595 +/- 56.985 χ^2/NDF : 12.4/13

Left In: -597.840 +/- 111.776 χ^2/NDF : 0.2/1

511.265 +/- 48.841 χ^2/NDF : 12.7/12

-401.600 +/- 50.768 χ^2/NDF : 16.5/15

reg_asym_usl_rms vs slug



Right In: 143.160+/-0.039 χ^2/NDF : 106533.7/9

Left Out: 138.076+/-0.073 χ^2/NDF :556.7/2

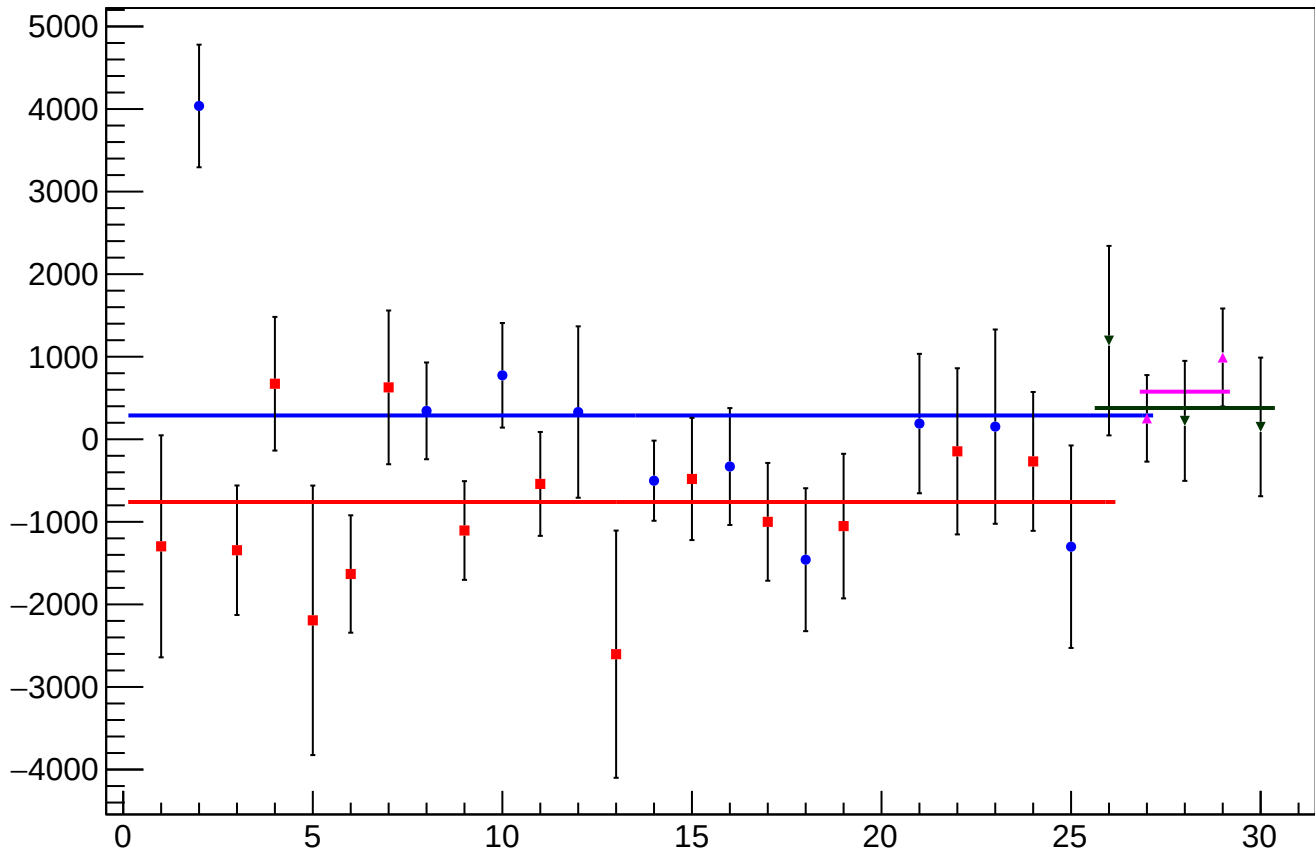
142.016+/-0.035 χ^2/NDF : 110871.7/12

Right Out: 147.494+/-0.040 χ^2/NDF : 131181.2/13

147.115+/-0.036 χ^2/NDF : 137572.6/15

Left In: 145.657+/-0.079 χ^2/NDF :5962.8/1

asym_usl_correction_mean vs slug



Right In: 288.513 ± 232.403 $\chi^2/\text{NDF}: 35.3/9$

Left Out: 378.785 ± 495.534 $\chi^2/\text{NDF}: 0.6/2$

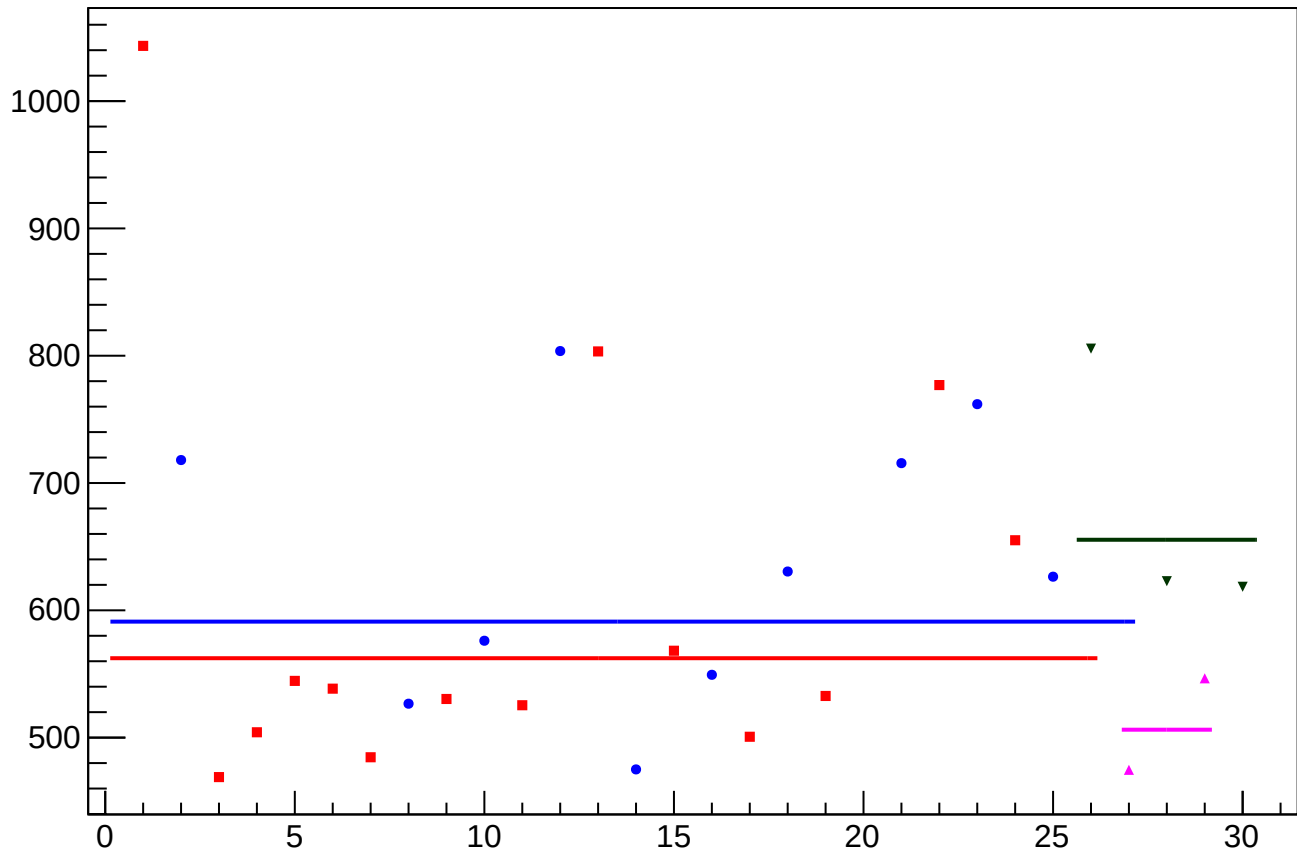
Right Out: -759.736 ± 220.989 $\chi^2/\text{NDF}: 11.4/13$

Left In: 576.632 ± 392.943 $\chi^2/\text{NDF}: 0.9/1$

304.789 ± 210.412 $\chi^2/\text{NDF}: 35.9/12$

-438.623 ± 192.617 $\chi^2/\text{NDF}: 21.0/15$

asym_usl_correction_rms vs slug



Right In: 591.121+/-0.164 χ^2/NDF : 380526.2/9

Left Out: 655.426+/-0.350 χ^2/NDF : 42130.2/2

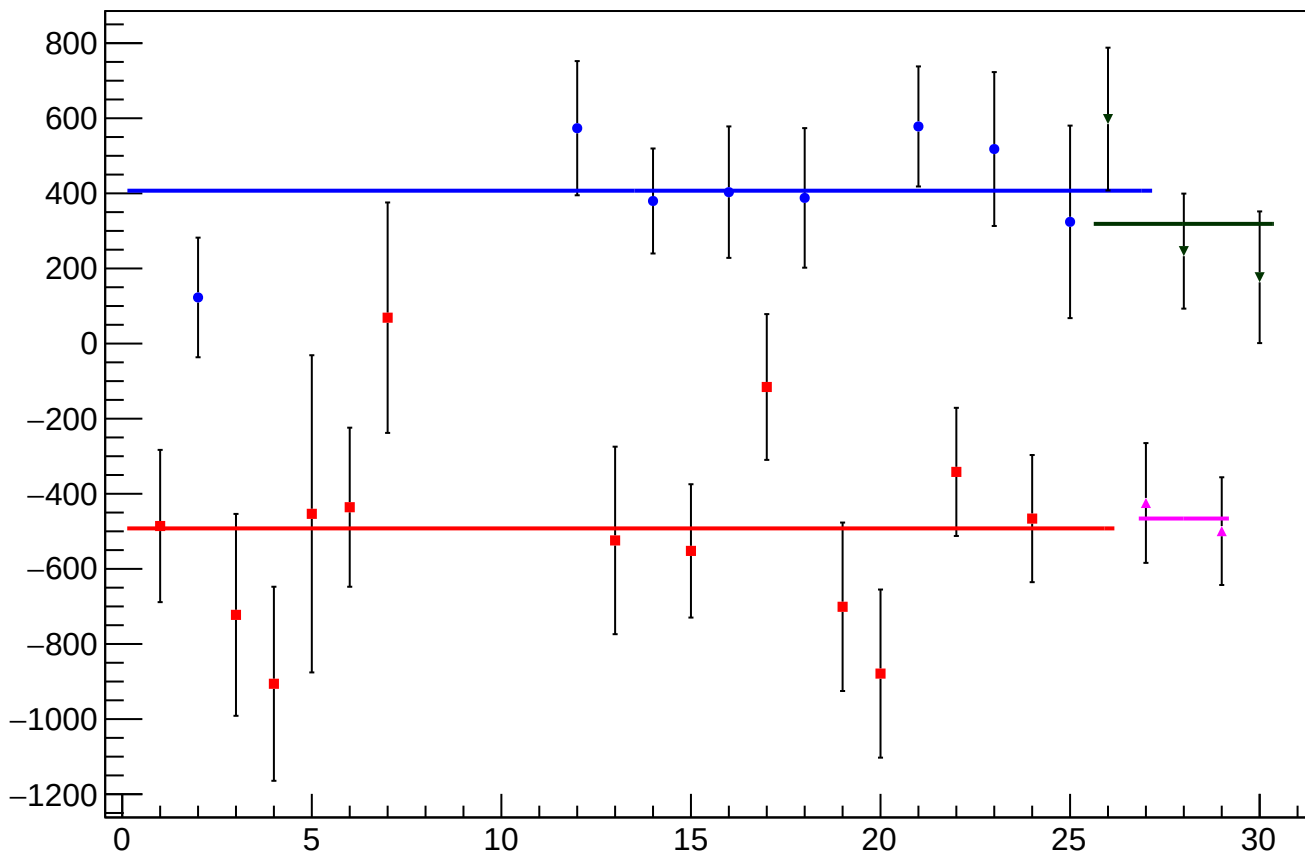
Right Out: 562.378+/-0.156 χ^2/NDF : 508073.2/13

Left In: 506.220+/-0.278 χ^2/NDF : 16476.2/1

602.715+/-0.149 χ^2/NDF : 450264.2/12

548.884+/-0.136 χ^2/NDF : 555584.7/15

reg_asym_usr_mean vs slug



Right In: 407.089 $\pm$ 61.821 χ^2/NDF : 5.6/7

Left Out: 318.756 $\pm$ 98.615 χ^2/NDF : 3.0/2

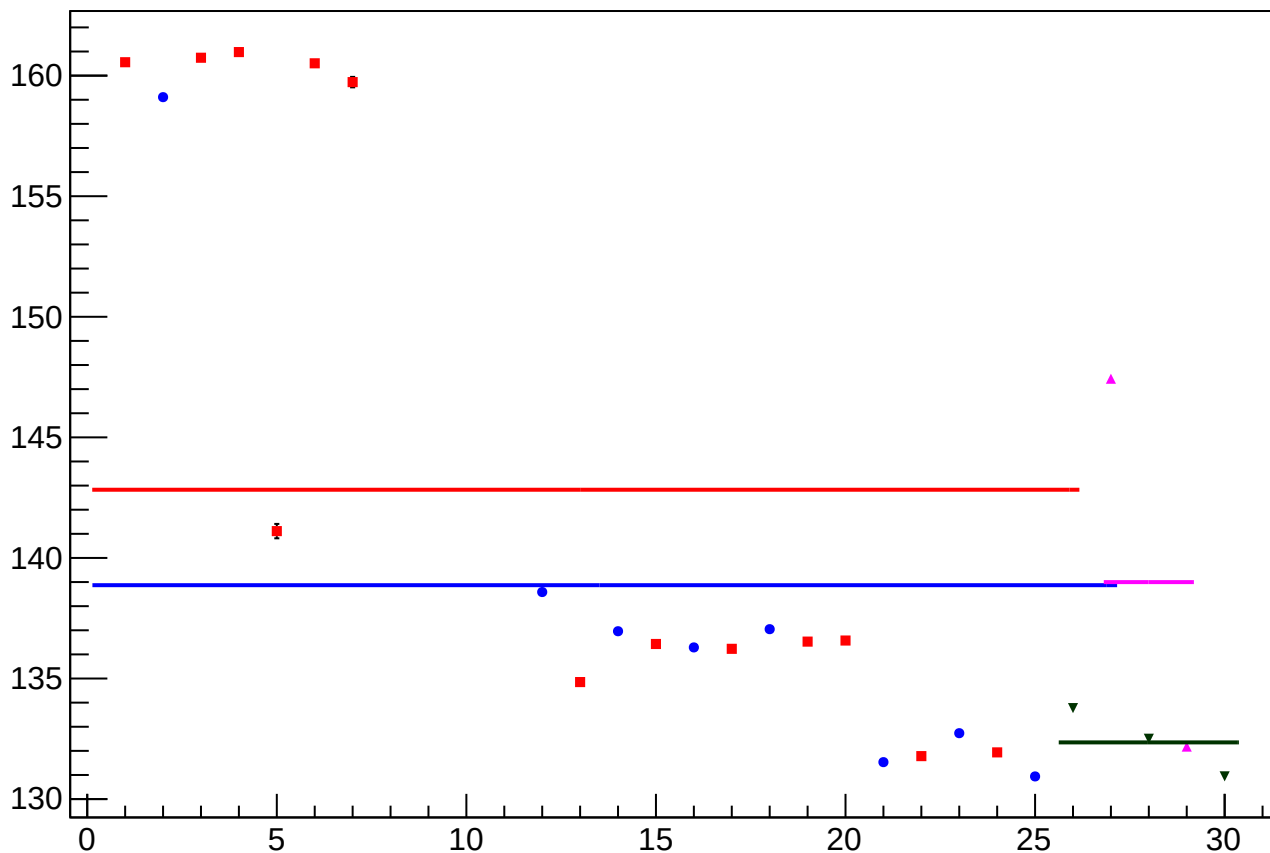
Right Out: -492.200 $\pm$ 60.298 χ^2/NDF : 15.3/12

Left In: -465.940 $\pm$ 106.651 χ^2/NDF : 0.1/1

382.169 $\pm$ 52.379 χ^2/NDF : 9.3/10

-485.839 $\pm$ 52.490 χ^2/NDF : 15.4/14

reg_asym_usr_rms vs slug



Right In: 138.870+/-0.044 χ^2/NDF : 41211.4/7

Left Out: 132.351+/-0.070 χ^2/NDF :242.8/2

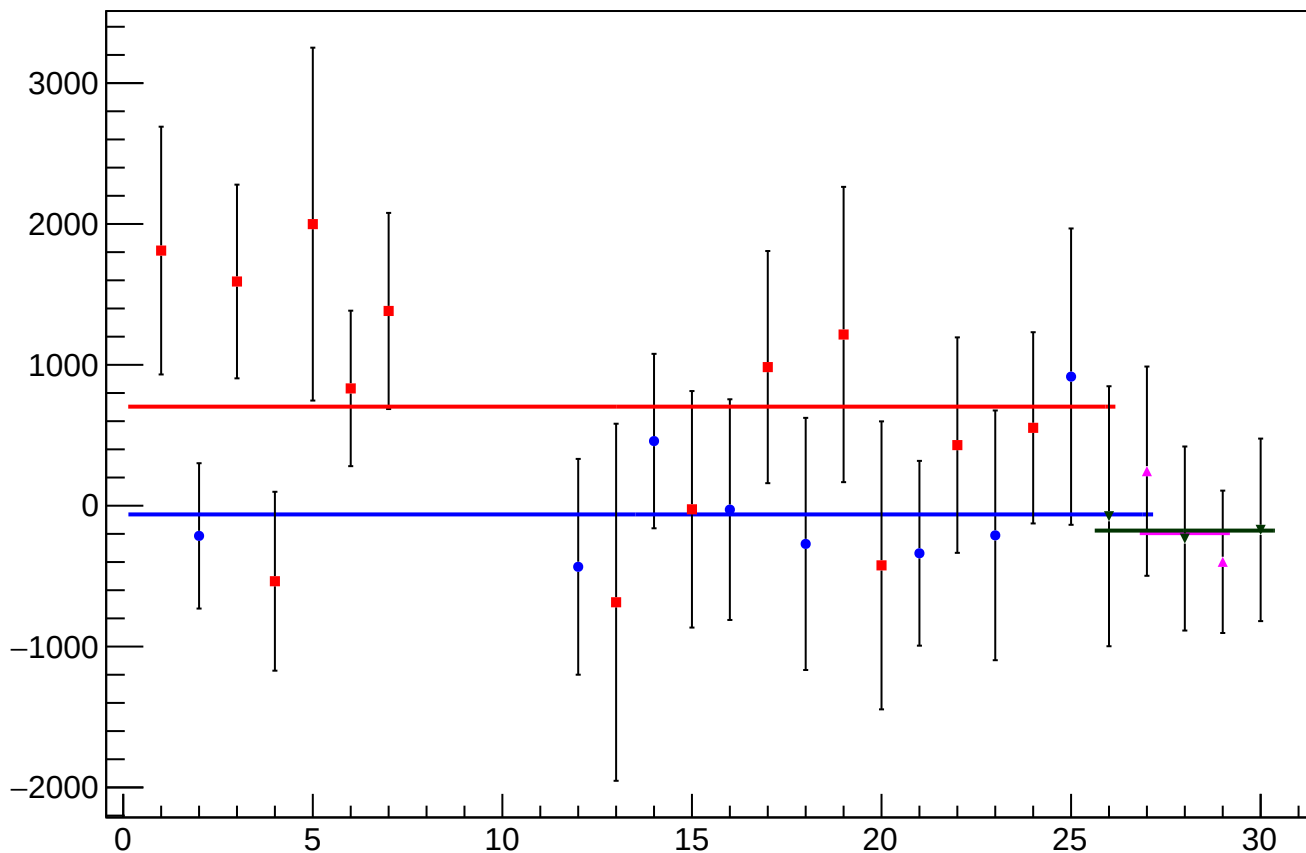
Right Out: 142.828+/-0.043 χ^2/NDF : 80827.8/12

Left In: 138.998+/-0.075 χ^2/NDF :10114.9/1

137.031+/-0.037 χ^2/NDF : 47728.8/10

141.900+/-0.037 χ^2/NDF : 92897.8/14

asym_usr_correction_mean vs slug



Right In: -61.920+/-254.424 χ^2/NDF : 2.2/7

Left Out: -176.670+/-411.699 χ^2/NDF : 0.0/2

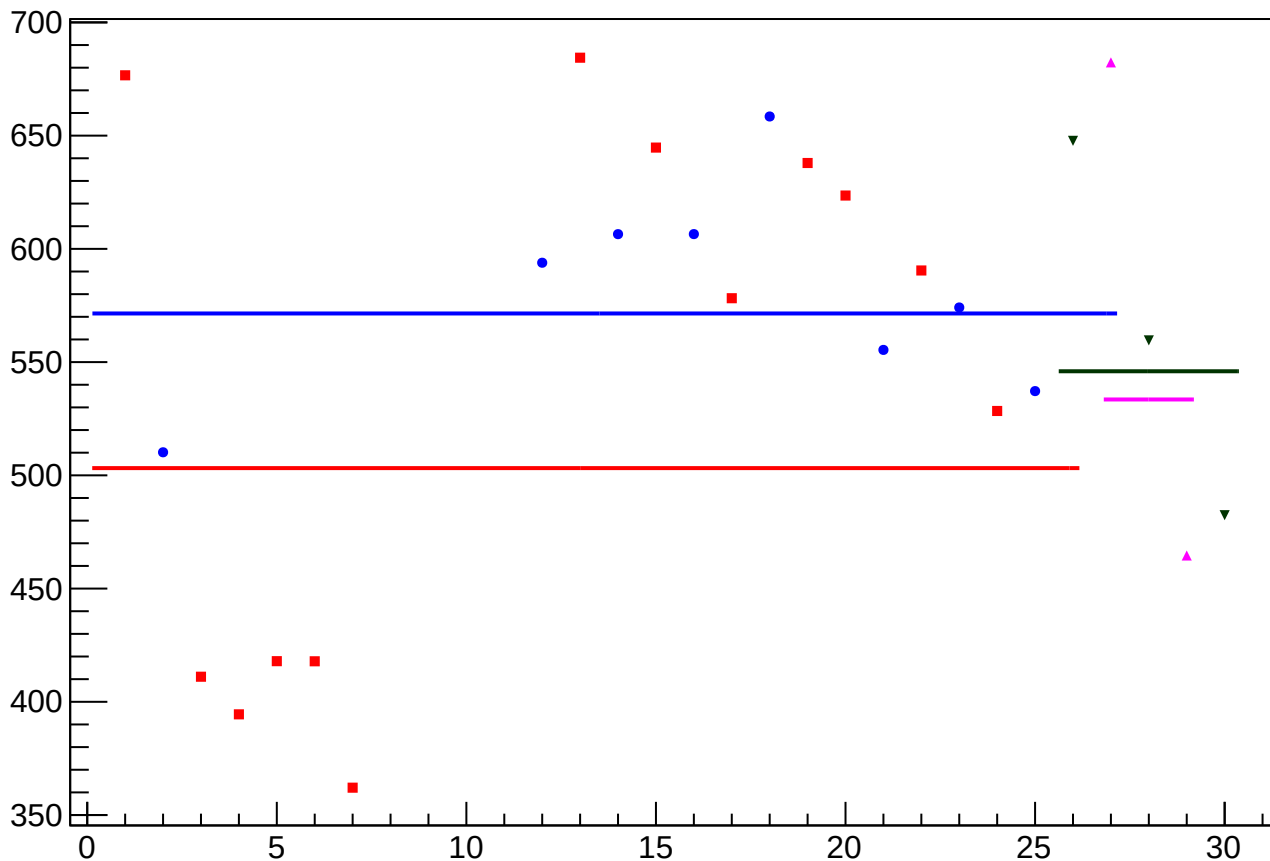
Right Out: 703.197+/-217.529 χ^2/NDF : 12.8/12

Left In: -194.762+/-417.802 χ^2/NDF : 0.5/1

-93.633+/-216.430 χ^2/NDF : 2.2/10

511.693+/-192.944 χ^2/NDF : 17.0/14

asym_usr_correction_rms vs slug



Right In: 571.475+/-0.180 χ^2/NDF : 62580.8/7

Left Out: 545.954+/-0.291 χ^2/NDF : 44429.7/2

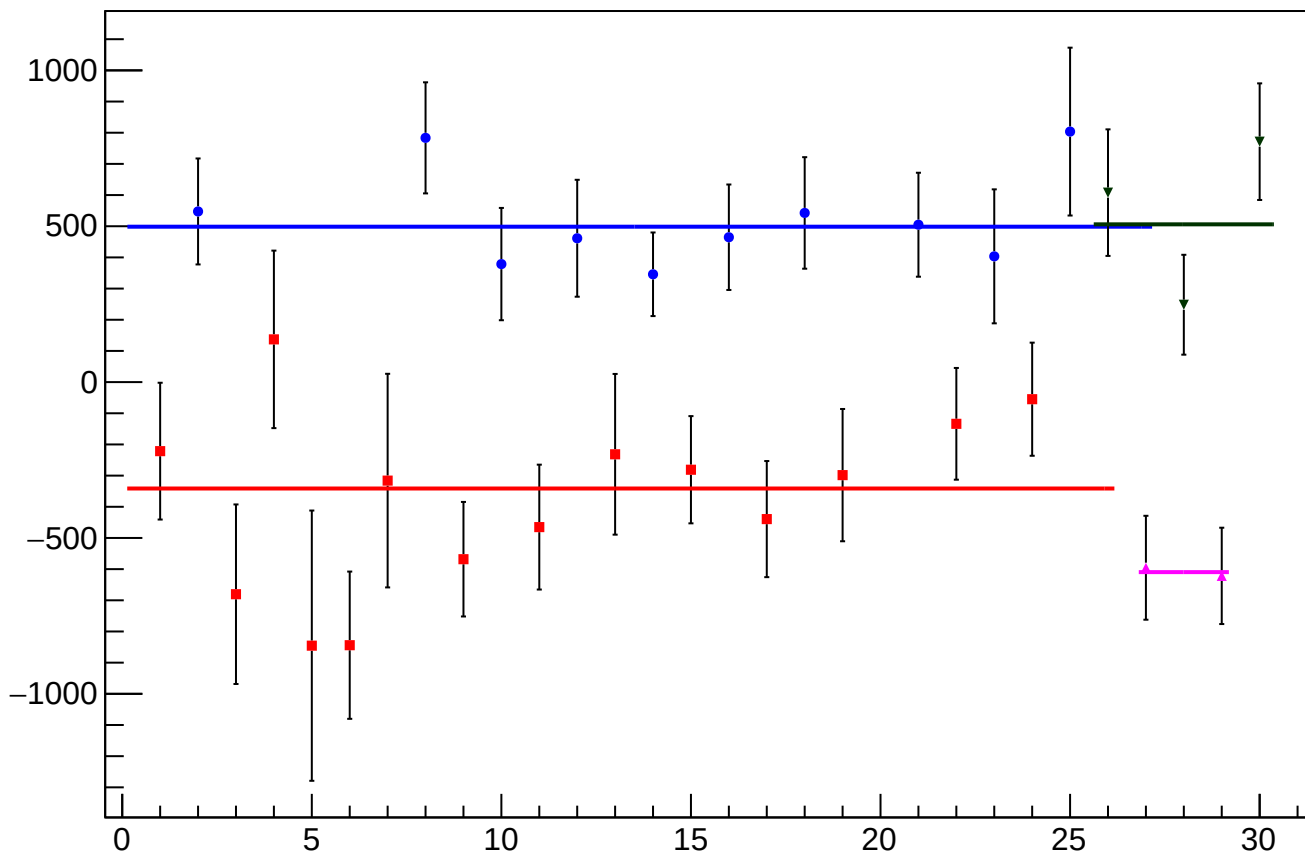
Right Out: 503.192+/-0.154 χ^2/NDF : 515398.9/12

Left In: 533.499+/-0.295 χ^2/NDF : 117495.0/1

564.422+/-0.153 χ^2/NDF : 112572.1/10

509.655+/-0.136 χ^2/NDF : 641173.7/14

reg_asym_dsl_mean vs slug



Right In: 498.524 ± 56.026 $\chi^2/\text{NDF}: 6.0/9$

Left Out: 506.089 ± 104.357 $\chi^2/\text{NDF}: 4.9/2$

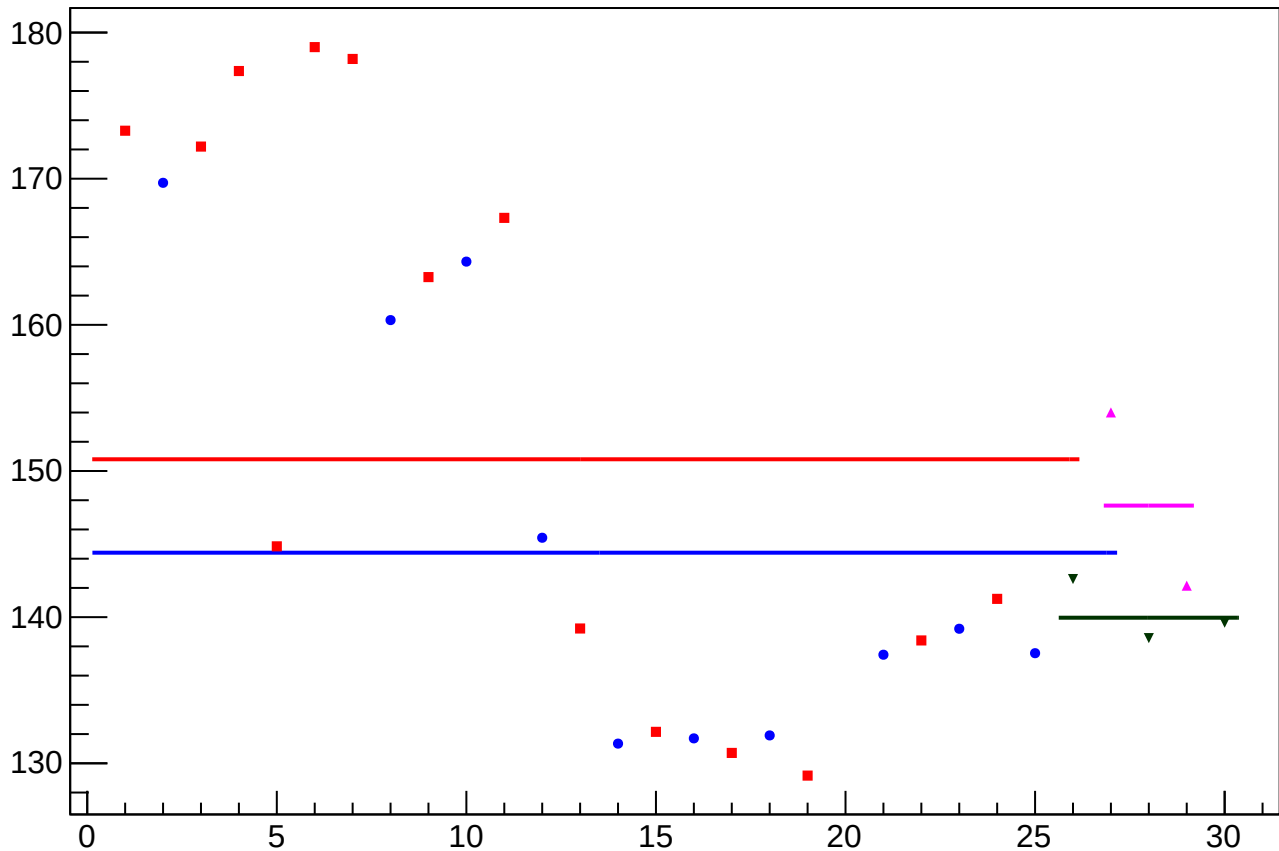
Right Out: -341.355 ± 58.433 $\chi^2/\text{NDF}: 16.8/13$

Left In: -609.584 ± 113.313 $\chi^2/\text{NDF}: 0.0/1$

500.217 ± 49.362 $\chi^2/\text{NDF}: 10.9/12$

-397.699 ± 51.934 $\chi^2/\text{NDF}: 21.2/15$

reg_asym_dsl_rms vs slug



Right In: 144.411 $\pm$ 0.040 χ^2 /NDF: 130807.8/9

Left Out: 139.962 $\pm$ 0.074 χ^2 /NDF:498.3/2

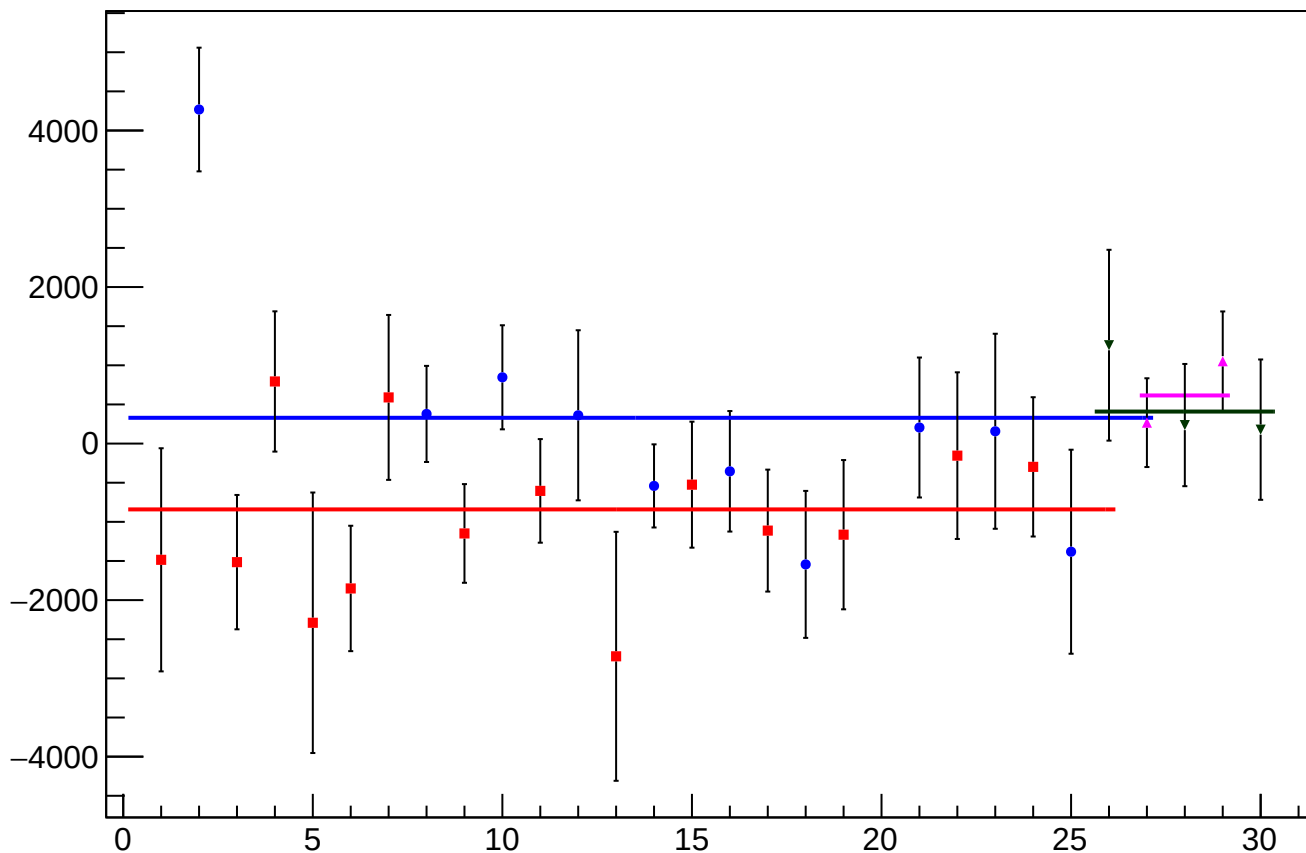
143.415 $\pm$ 0.035 χ^2 /NDF: 134127.1/12

Right Out: 150.802 $\pm$ 0.041 χ^2 /NDF: 200660.7/13

150.136 $\pm$ 0.037 χ^2 /NDF: 207337.2/15

Left In: 147.633 $\pm$ 0.080 χ^2 /NDF:5441.1/1

asym_dsl_correction_mean vs slug



Right In: 329.419 $\pm$ 248.353 χ^2 /NDF: 34.7/9

Left Out: 409.040 $\pm$ 530.217 χ^2 /NDF: 0.6/2

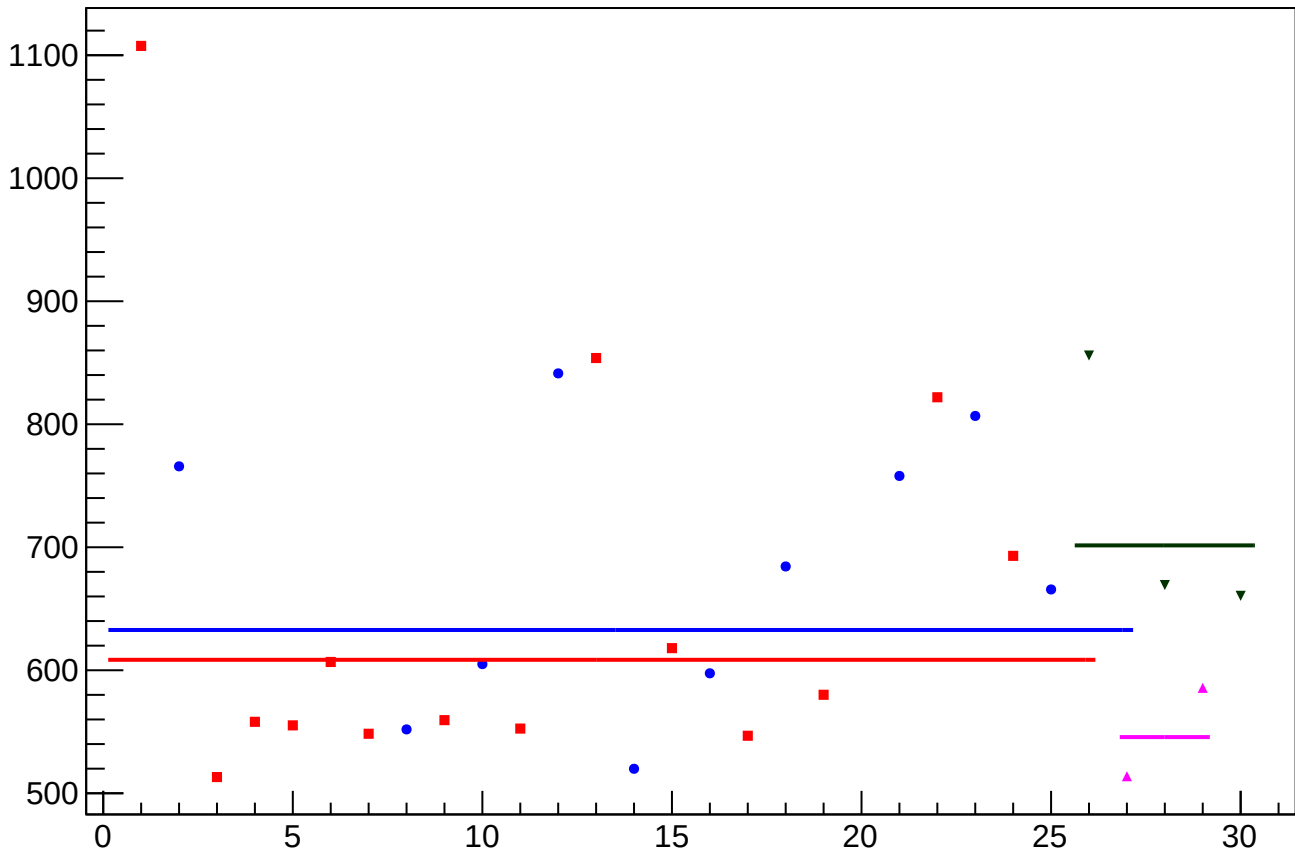
Right Out: -841.024 $\pm$ 238.738 χ^2 /NDF: 11.3/13

Left In: 614.948 $\pm$ 423.266 χ^2 /NDF: 0.8/1

343.744 $\pm$ 224.904 χ^2 /NDF: 35.3/12

-489.618 $\pm$ 207.941 χ^2 /NDF: 21.1/15

asym_dsl_correction_rms vs slug



Right In: 632.743+/-0.176 χ^2/NDF : 348551.7/9

Left Out: 701.511+/-0.375 χ^2/NDF : 39656.4/2

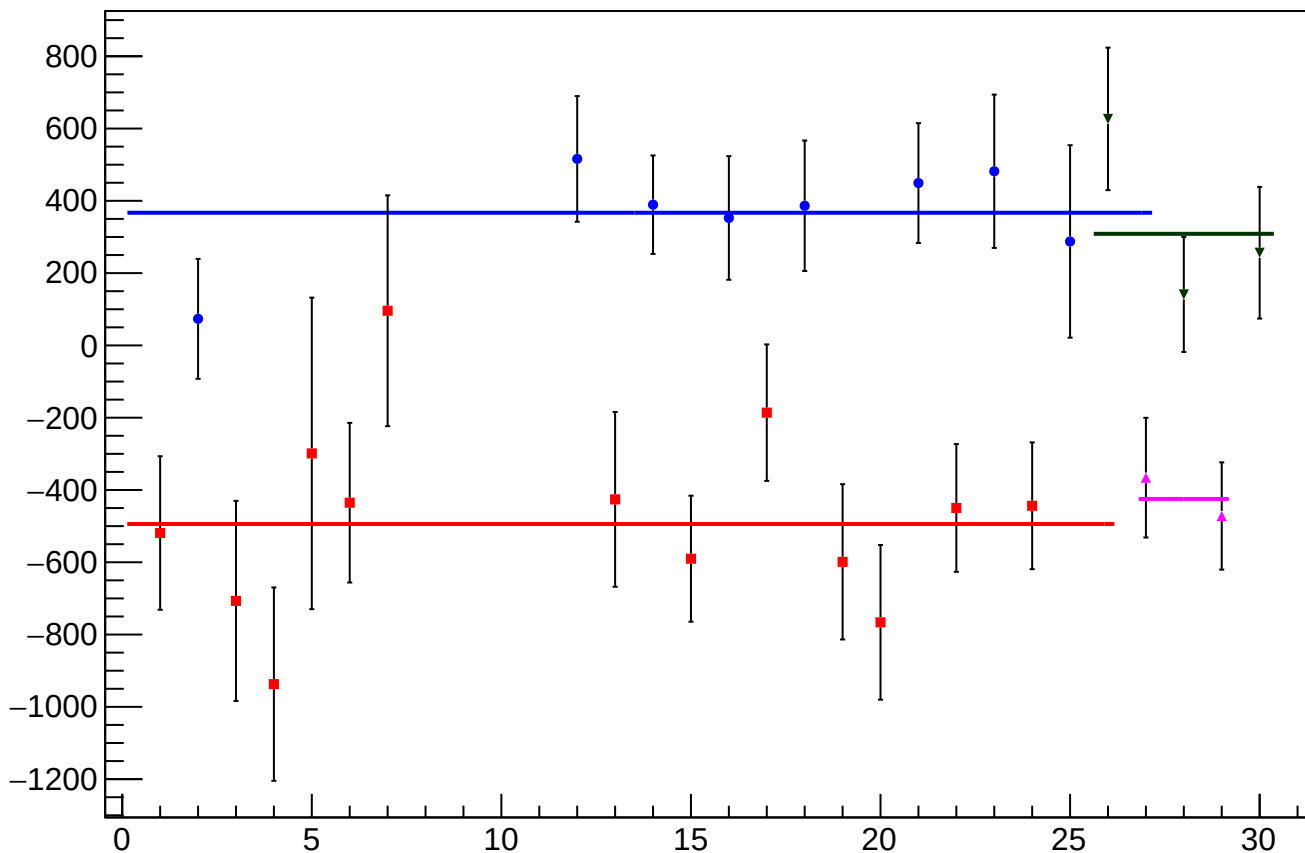
645.116+/-0.159 χ^2/NDF : 415797.7/12

Right Out: 608.499+/-0.169 χ^2/NDF : 471715.6/13

593.338+/-0.147 χ^2/NDF : 519358.4/15

Left In: 545.683+/-0.299 χ^2/NDF : 14225.0/1

reg_asym_dsr_mean vs slug



Right In: 367.036 $\pm$ 61.893 χ^2 /NDF: 4.5/7

Left Out: 308.732 $\pm$ 102.434 χ^2 /NDF:3.8/2

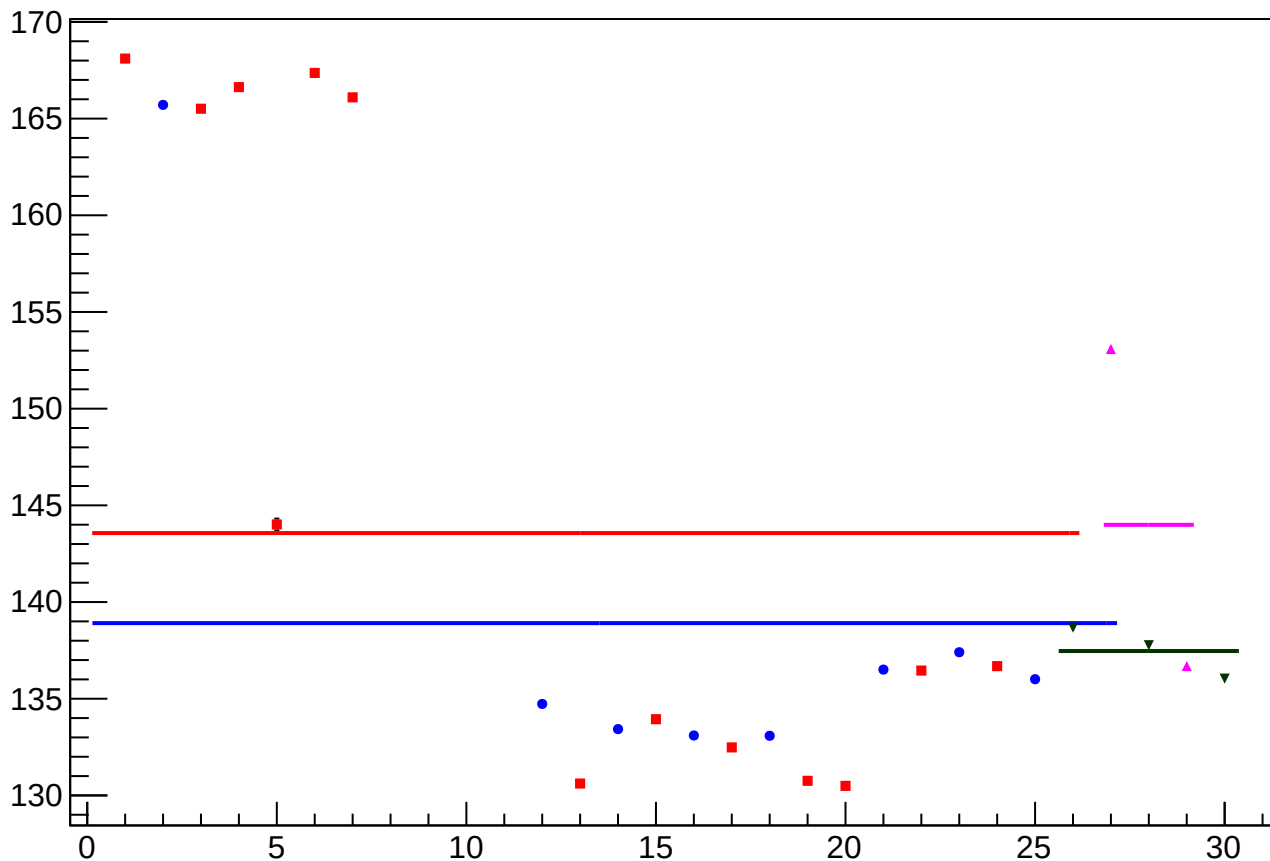
Right Out: -494.037 $\pm$ 60.740 χ^2 /NDF: 12.1/12

Left In: -424.716 $\pm$ 110.499 χ^2 /NDF:0.2/1

351.442 $\pm$ 52.974 χ^2 /NDF: 8.6/10

-477.951 $\pm$ 53.229 χ^2 /NDF: 12.6/14

reg_asym_dsr_rms vs slug



Right In: 138.909+/-0.044 χ^2/NDF : 61712.7/7

Left Out: 137.467+/-0.072 χ^2/NDF : 205.3/2

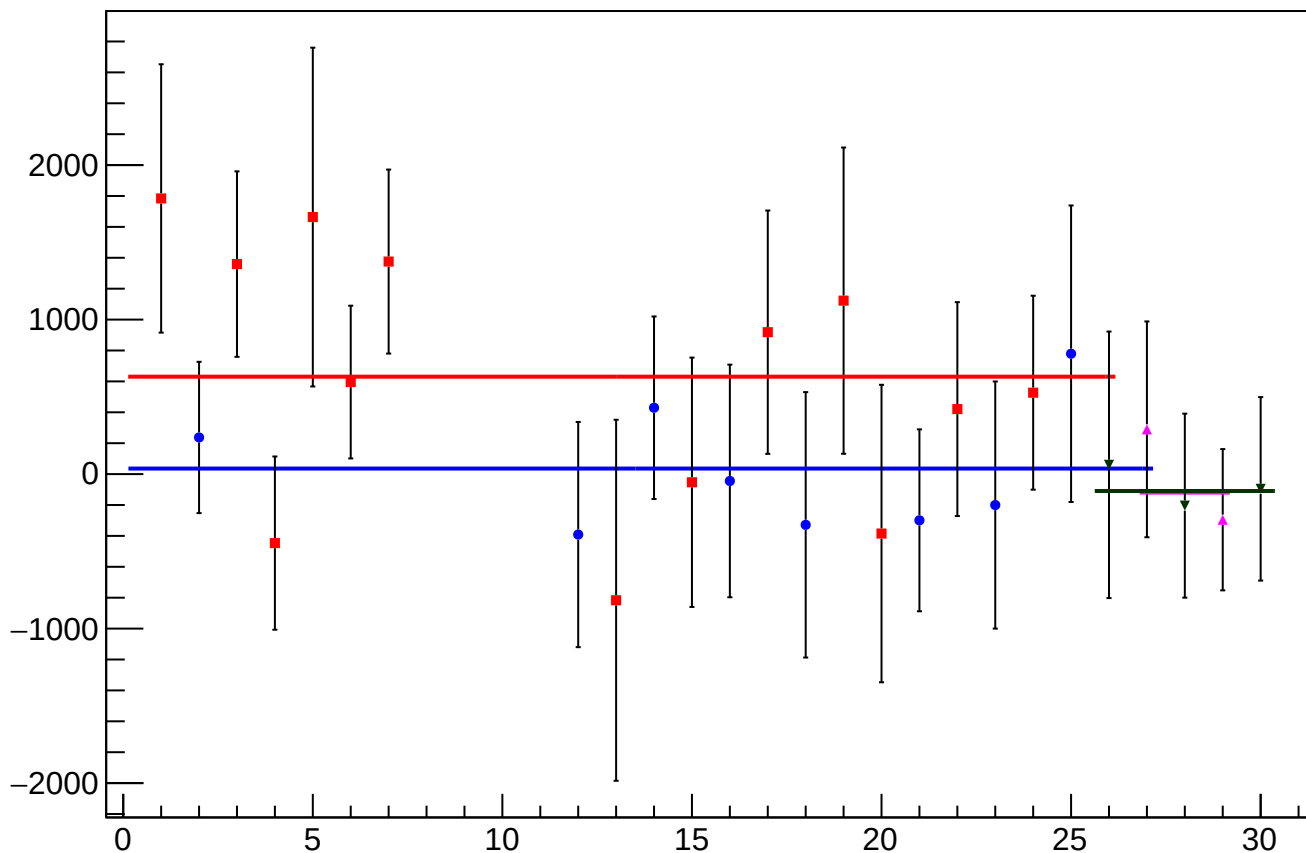
Right Out: 143.567+/-0.043 χ^2/NDF : 126961.0/12

Left In: 143.992+/-0.078 χ^2/NDF : 10877.8/1

138.523+/-0.037 χ^2/NDF : 62208.4/10

143.666+/-0.038 χ^2/NDF : 137861.6/14

asym_dsr_correction_mean vs slug



Right In: 35.823+/-238.535 χ^2/NDF : 2.2/7

Left Out: -109.406+/-377.930 χ^2/NDF : 0.1/2

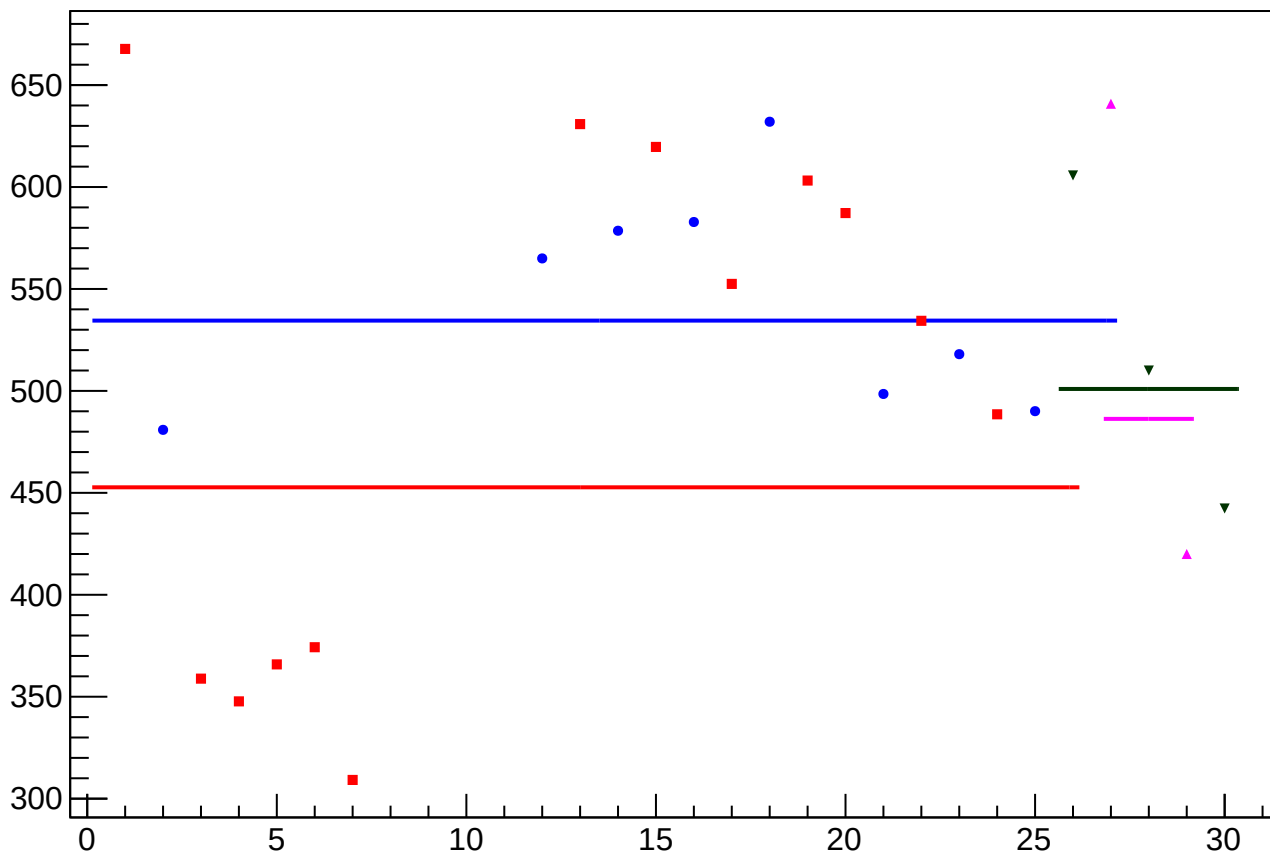
Right Out: 630.550+/-197.509 χ^2/NDF : 13.3/12

Left In: -119.775+/-382.529 χ^2/NDF : 0.5/1

-5.550+/-201.717 χ^2/NDF : 2.3/10

472.623+/-175.496 χ^2/NDF : 16.8/14

asym_dsr_correction_rms vs slug



Right In: 534.481+/-0.169 χ^2/NDF : 85242.6/7

Left Out: 500.955+/-0.267 χ^2/NDF :49450.5/2

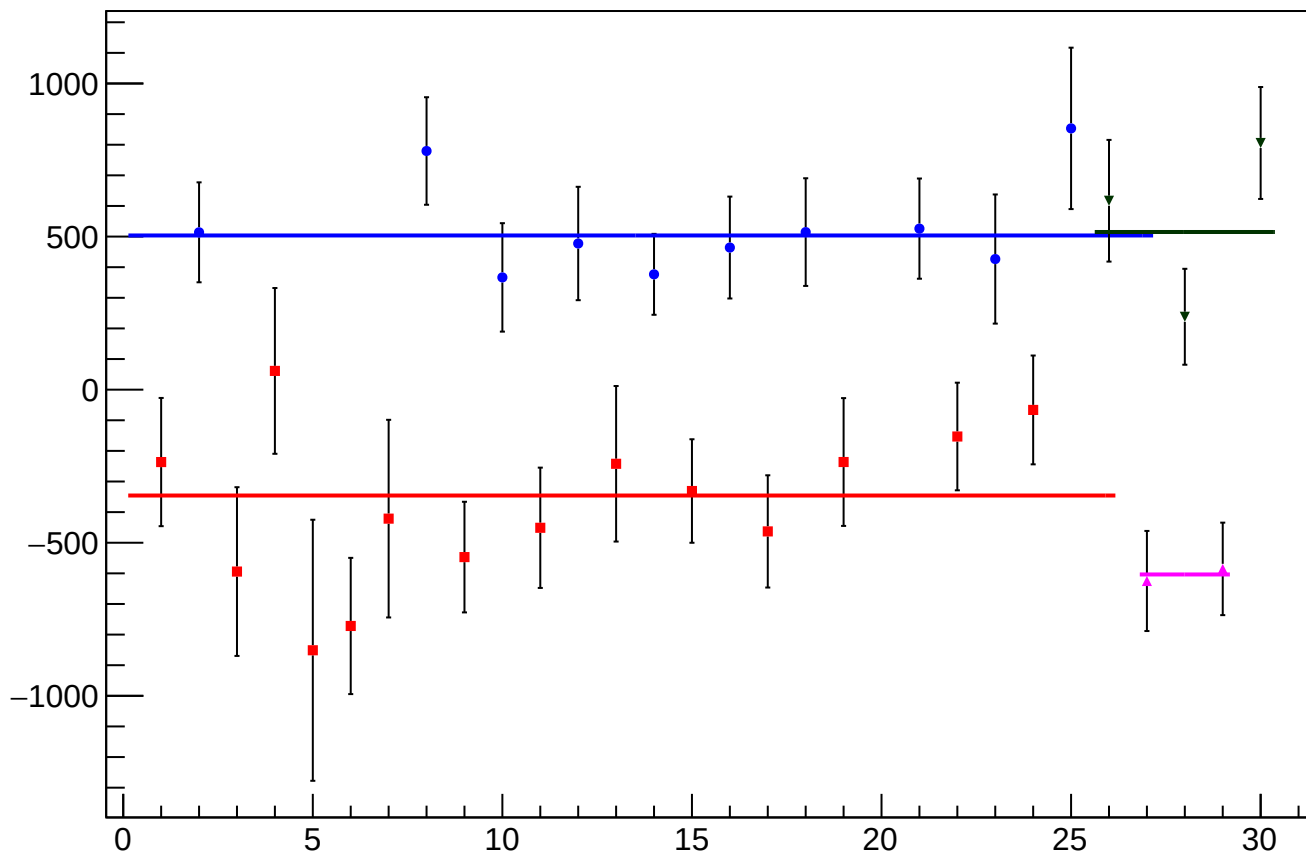
Right Out: 452.710+/-0.140 χ^2/NDF : 704502.8/12

Left In: 486.278+/-0.270 χ^2/NDF :139984.1/1

524.930+/-0.143 χ^2/NDF : 145947.8/10

459.776+/-0.124 χ^2/NDF : 856645.9/14

reg_asym_left_avg_mean vs slug



Right In: 503.624 ± 54.971 $\chi^2/\text{NDF}: 6.0/9$

Left Out: 514.977 ± 102.059 $\chi^2/\text{NDF}: 5.9/2$

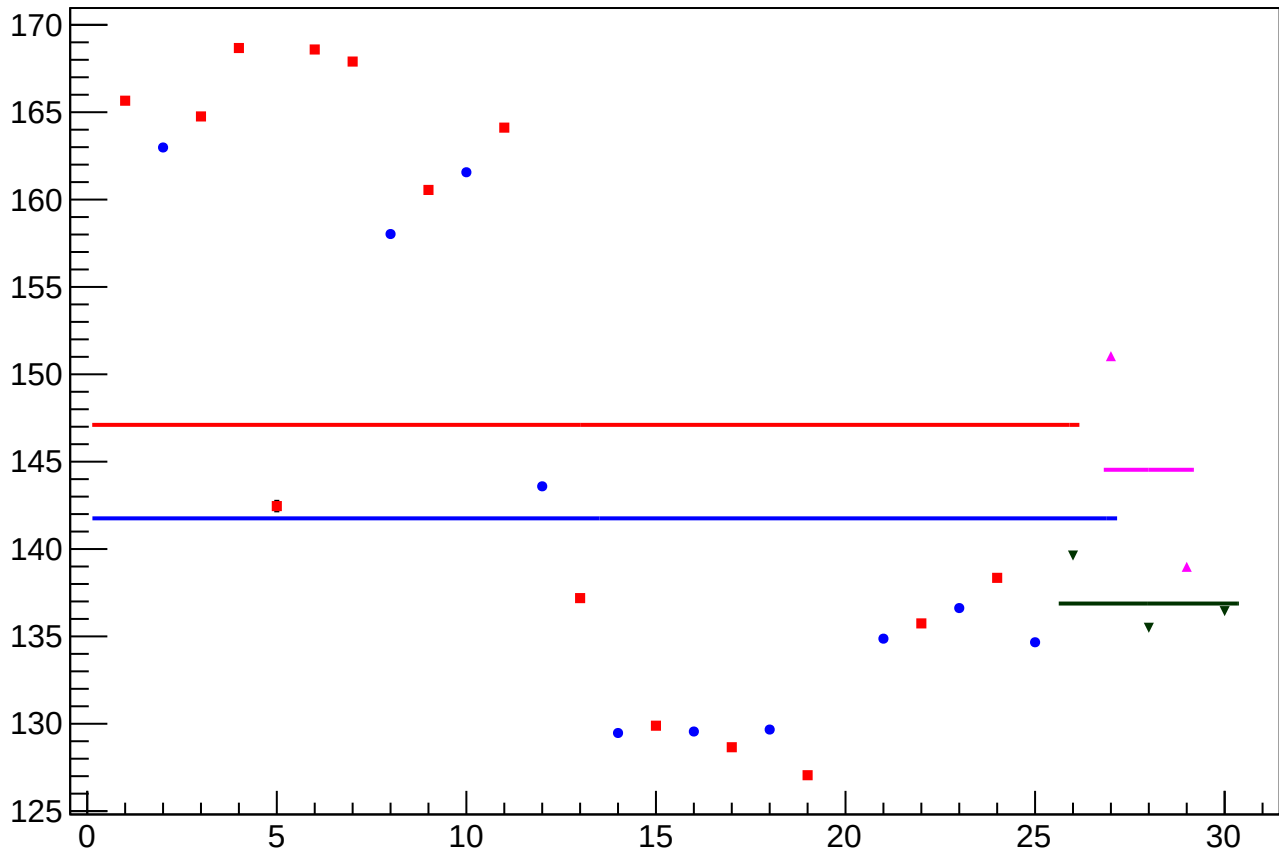
Right Out: -345.746 ± 56.916 $\chi^2/\text{NDF}: 14.5/13$

Left In: -603.594 ± 110.939 $\chi^2/\text{NDF}: 0.0/1$

506.177 ± 48.397 $\chi^2/\text{NDF}: 11.9/12$

-399.472 ± 50.640 $\chi^2/\text{NDF}: 18.8/15$

reg_asym_left_avg_rms vs slug



Right In: 141.756+/-0.039 χ^2/NDF : 119870.3/9

Left Out: 136.881+/-0.072 χ^2/NDF : 549.9/2

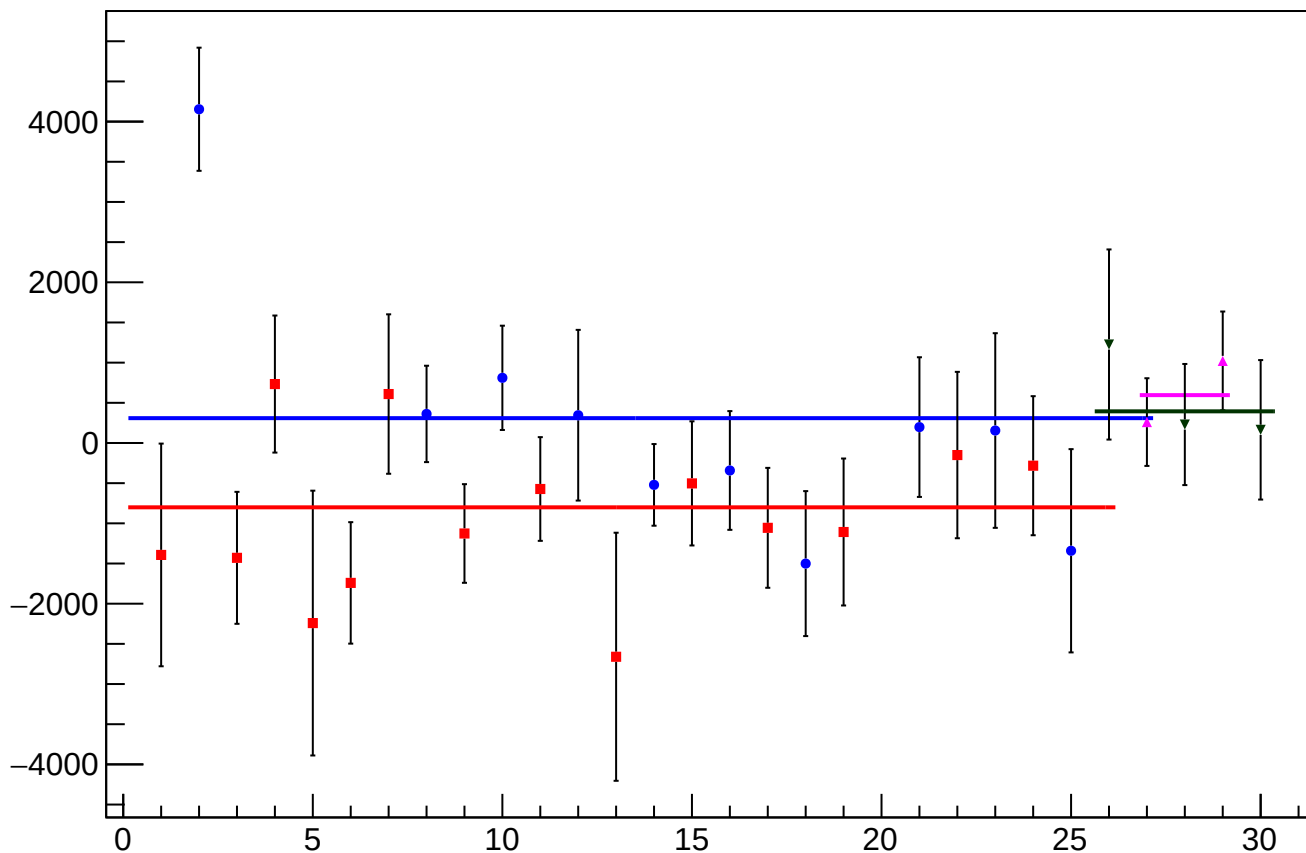
Right Out: 147.107+/-0.040 χ^2/NDF : 165583.3/13

Left In: 144.536+/-0.078 χ^2/NDF : 5867.5/1

140.660+/-0.034 χ^2/NDF : 123958.3/12

146.571+/-0.036 χ^2/NDF : 172300.9/15

asym_left_avg_correction_mean vs slug



Right In: 309.127 ± 240.381 χ^2/NDF : 35.0/9

Left Out: 393.906 ± 512.870 χ^2/NDF : 0.6/2

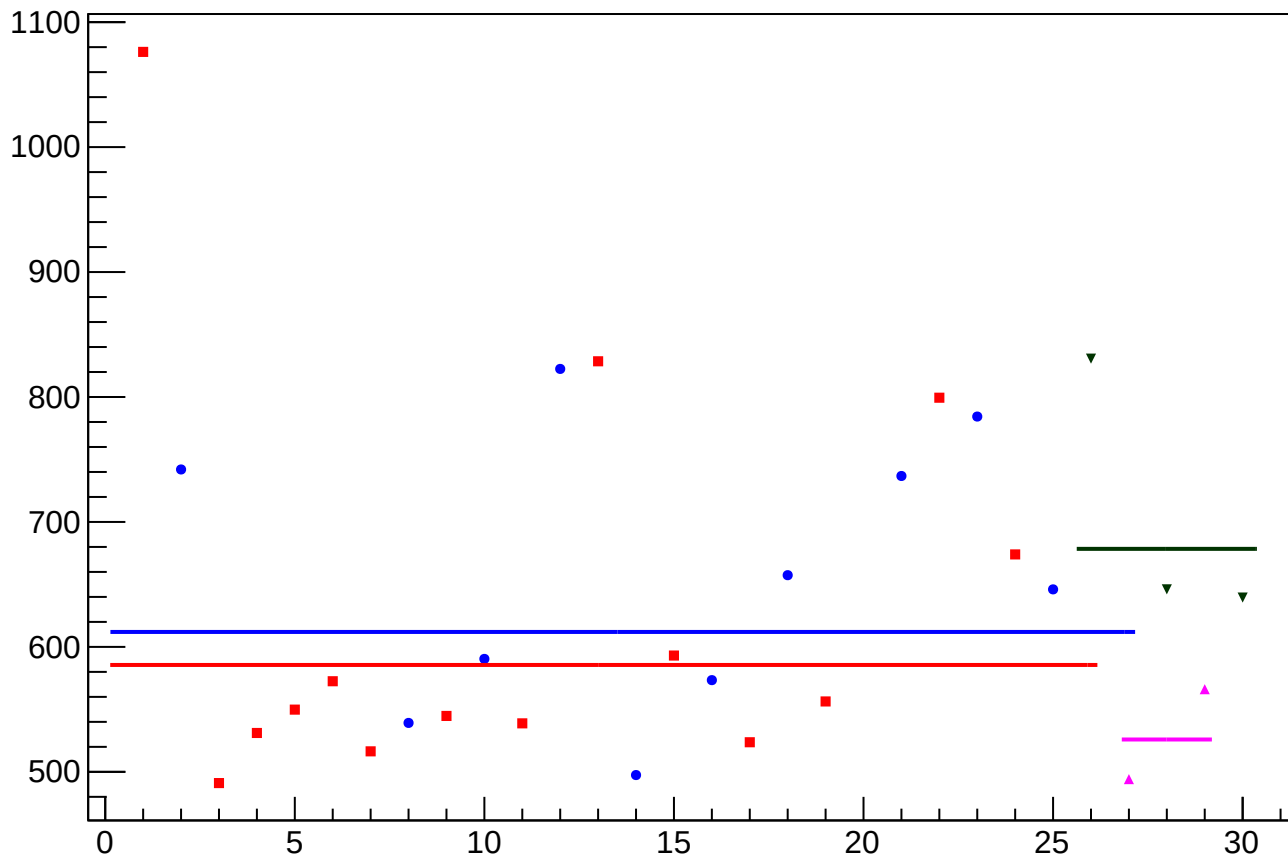
Right Out: -800.732 ± 229.887 χ^2/NDF : 11.3/13

Left In: 595.696 ± 408.061 χ^2/NDF : 0.9/1

324.396 ± 217.660 χ^2/NDF : 35.6/12

-464.308 ± 200.290 χ^2/NDF : 21.1/15

asym_left_avg_correction_rms vs slug



Right In: 611.968+/-0.170 χ^2/NDF : 363124.6/9

Left Out: 678.463+/-0.363 χ^2/NDF : 40836.2/2

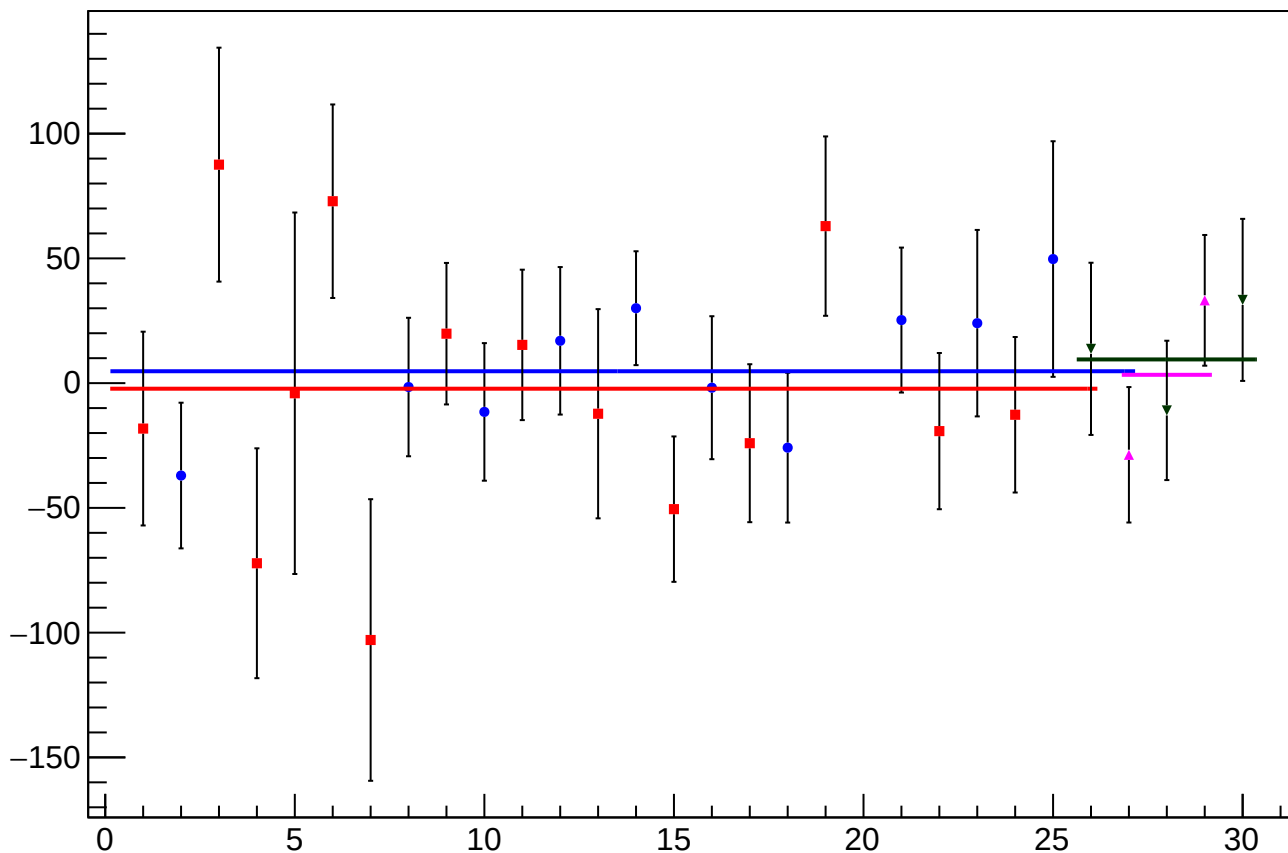
Right Out: 585.547+/-0.163 χ^2/NDF : 487735.5/13

Left In: 525.890+/-0.289 χ^2/NDF : 15330.1/1

623.945+/-0.154 χ^2/NDF : 431524.7/12

571.174+/-0.142 χ^2/NDF : 535512.9/15

reg_asym_left_dd_mean vs slug



Right In: 4.768 ± 9.313 $\chi^2/\text{NDF}: 6.6/9$

Left Out: 9.500 ± 18.047 $\chi^2/\text{NDF}: 1.1/2$

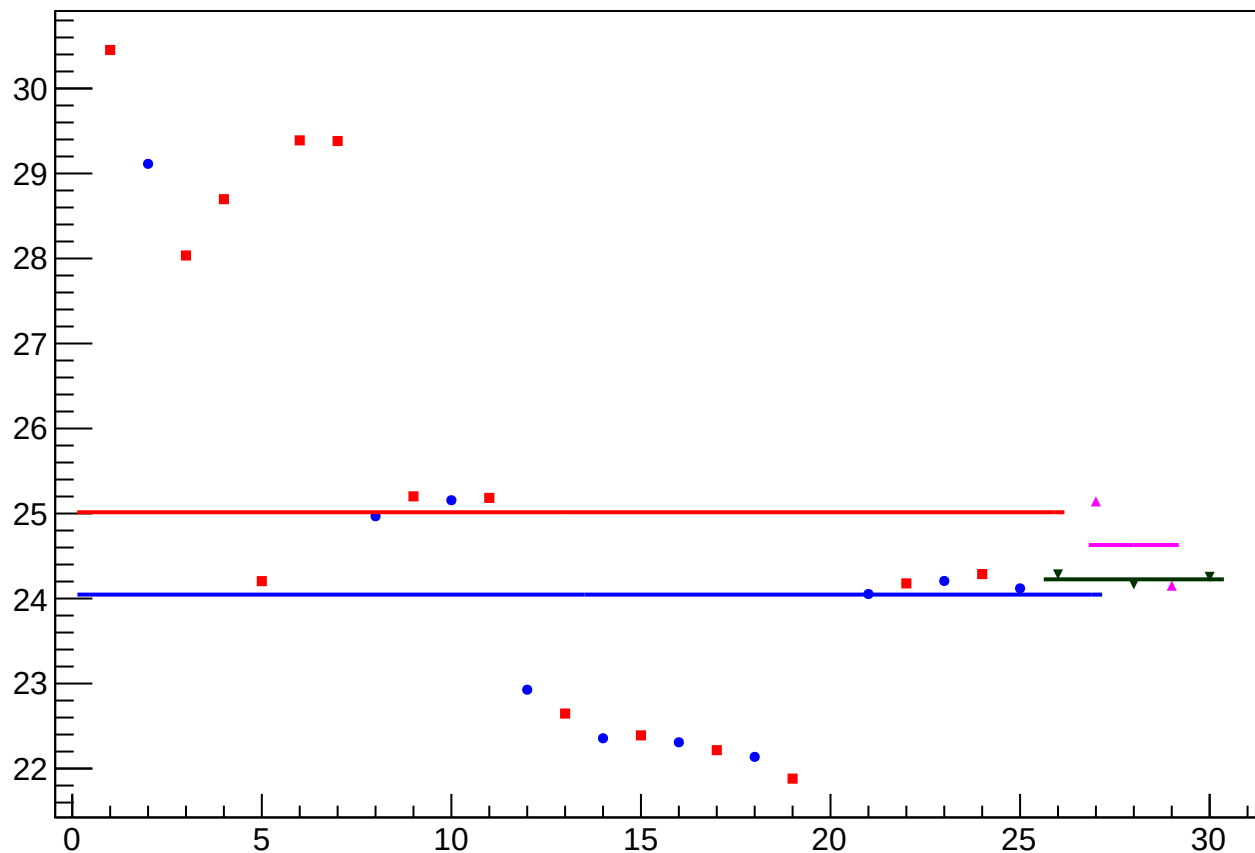
Right Out: -2.233 ± 9.680 $\chi^2/\text{NDF}: 21.0/13$

Left In: 3.334 ± 18.849 $\chi^2/\text{NDF}: 2.7/1$

5.763 ± 8.276 $\chi^2/\text{NDF}: 7.8/12$

-1.071 ± 8.611 $\chi^2/\text{NDF}: 23.8/15$

reg_asym_left_dd_rms vs slug



Right In: 24.046+/-0.007 χ^2/NDF : 95020.1/9

Left Out: 24.226+/-0.013 χ^2/NDF :16.2/2

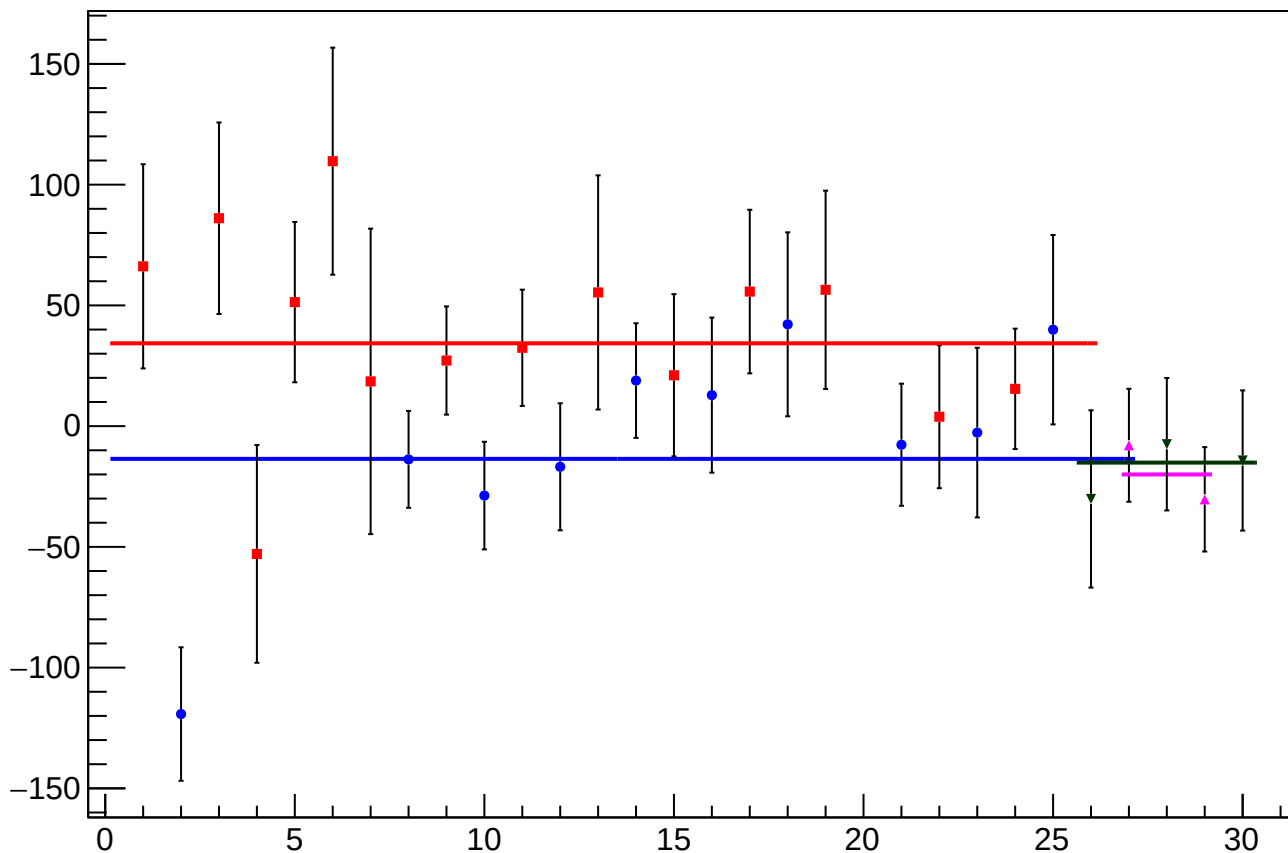
Right Out: 25.015+/-0.007 χ^2/NDF : 154082.3/13

Left In: 24.629+/-0.013 χ^2/NDF :1382.1/1

24.084+/-0.006 χ^2/NDF : 95192.6/12

24.935+/-0.006 χ^2/NDF : 156126.6/15

asym_left_dd_correction_mean vs slug



Right In: -13.551 $\pm$ 8.540 χ^2 /NDF: 21.8/9

Left Out: -15.101 $\pm$ 17.521 χ^2 /NDF:0.2/2

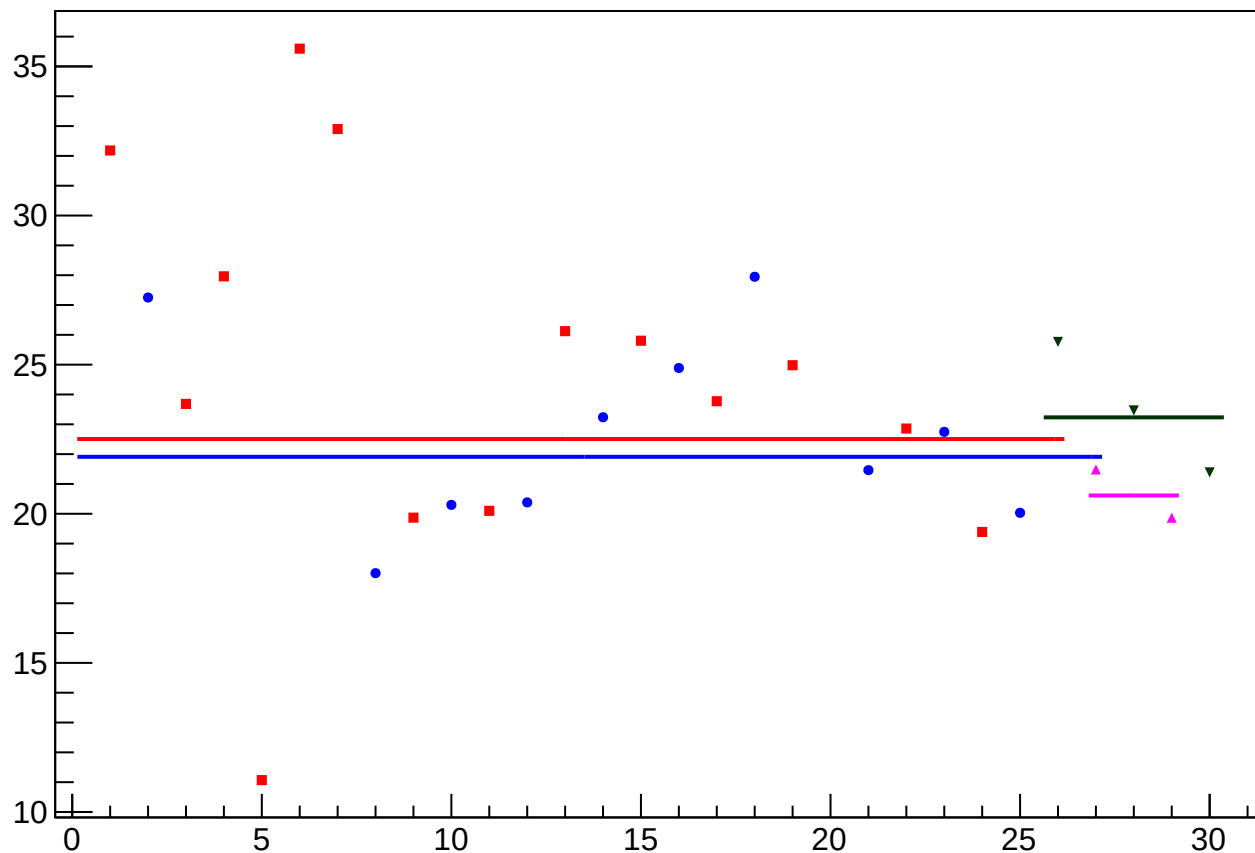
Right Out: 34.308 $\pm$ 8.930 χ^2 /NDF: 11.7/13

Left In: -20.002 $\pm$ 15.874 χ^2 /NDF:0.5/1

-13.849 $\pm$ 7.677 χ^2 /NDF: 22.0/12

21.252 $\pm$ 7.783 χ^2 /NDF: 21.1/15

asym_left_dd_correction_rms vs slug



Right In: 21.910 $\pm$ 0.006 χ^2 /NDF: 247585.2/9

Left Out: 23.233 $\pm$ 0.012 χ^2 /NDF:17720.7/2

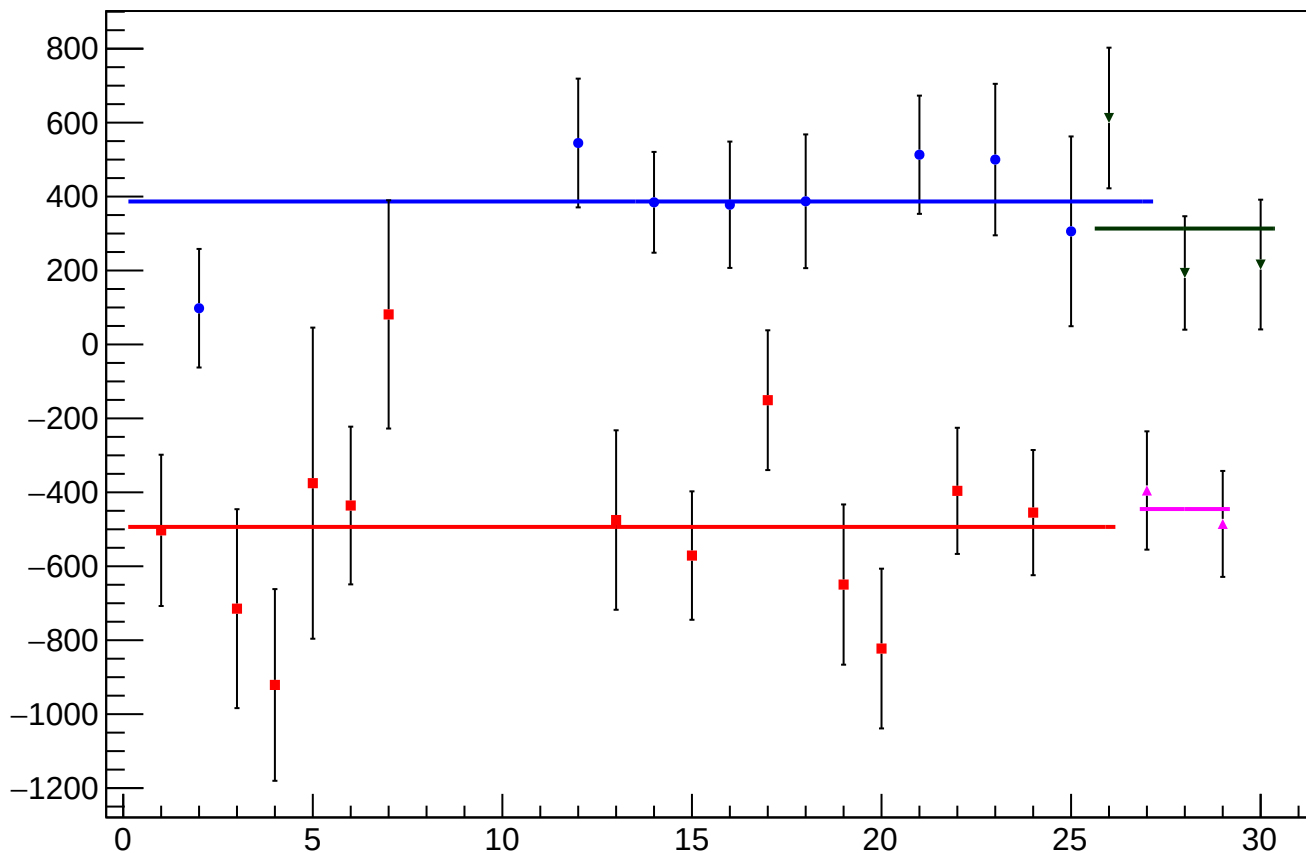
Right Out: 22.507 $\pm$ 0.006 χ^2 /NDF: 701788.6/13

Left In: 20.613 $\pm$ 0.011 χ^2 /NDF:5169.1/1

22.164 $\pm$ 0.005 χ^2 /NDF: 274514.8/12

22.052 $\pm$ 0.006 χ^2 /NDF: 728573.7/15

reg_asym_right_avg_mean vs slug



Right In: 386.723+/-61.016 χ^2/NDF : 5.1/7

Left Out: 313.504+/-98.738 χ^2/NDF : 3.4/2

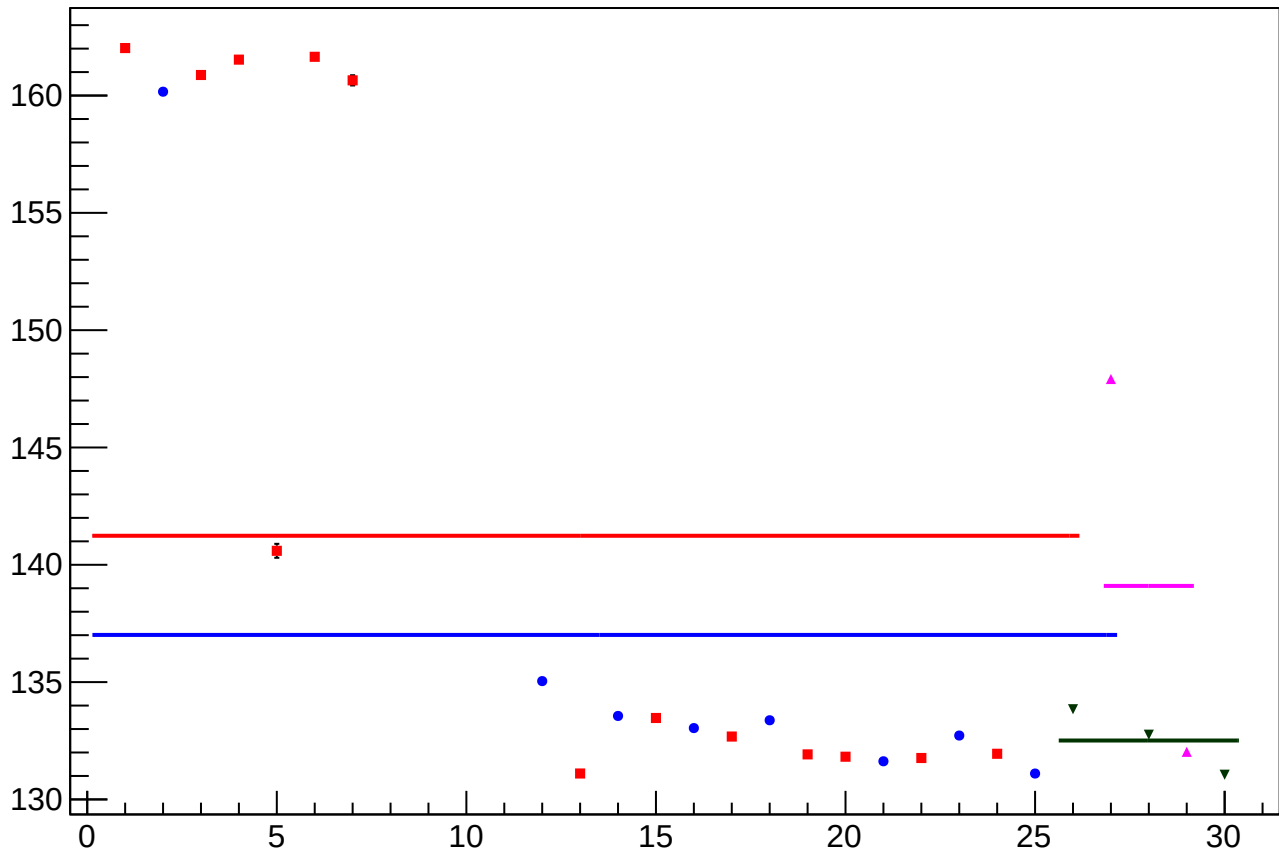
Right Out: -493.527+/-59.683 χ^2/NDF : 13.7/12

Left In: -445.193+/-106.749 χ^2/NDF : 0.2/1

366.490+/-51.905 χ^2/NDF : 8.9/10

-482.017+/-52.094 χ^2/NDF : 14.1/14

reg_asym_right_avg_rms vs slug



Right In: 137.011 ± 0.043 χ^2/NDF : 49319.5/7

Left Out: 132.511 ± 0.070 χ^2/NDF : 241.5/2

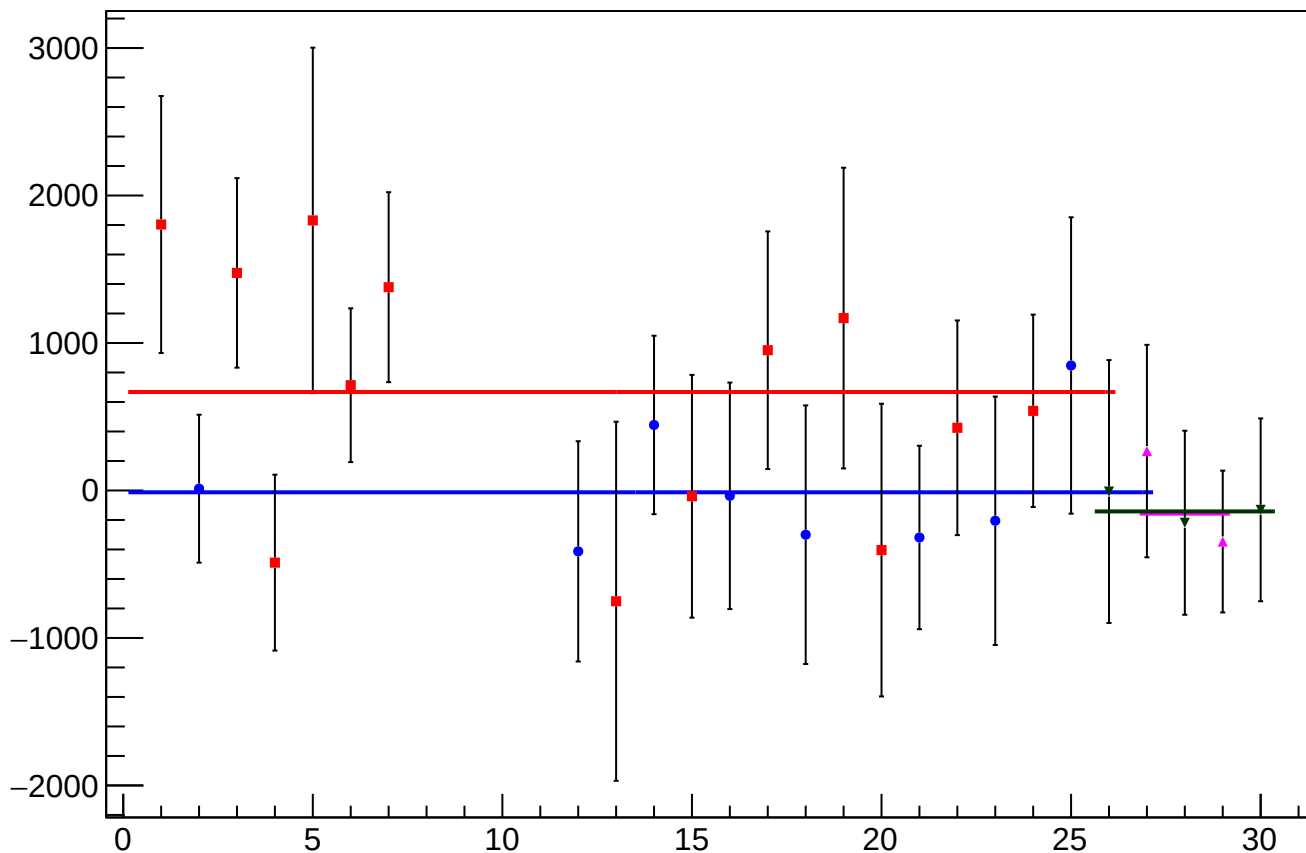
135.767 ± 0.037 χ^2/NDF : 52567.1/10

Right Out: 141.237 ± 0.042 χ^2/NDF : 101044.5/12

140.728 ± 0.037 χ^2/NDF : 112599.4/14

Left In: 139.100 ± 0.075 χ^2/NDF : 10944.2/1

asym_right_avg_correction_mean vs slug



Right In: -12.336+/-246.290 χ^2/NDF : 2.0/7

Left Out: -141.982+/-394.352 χ^2/NDF : 0.0/2

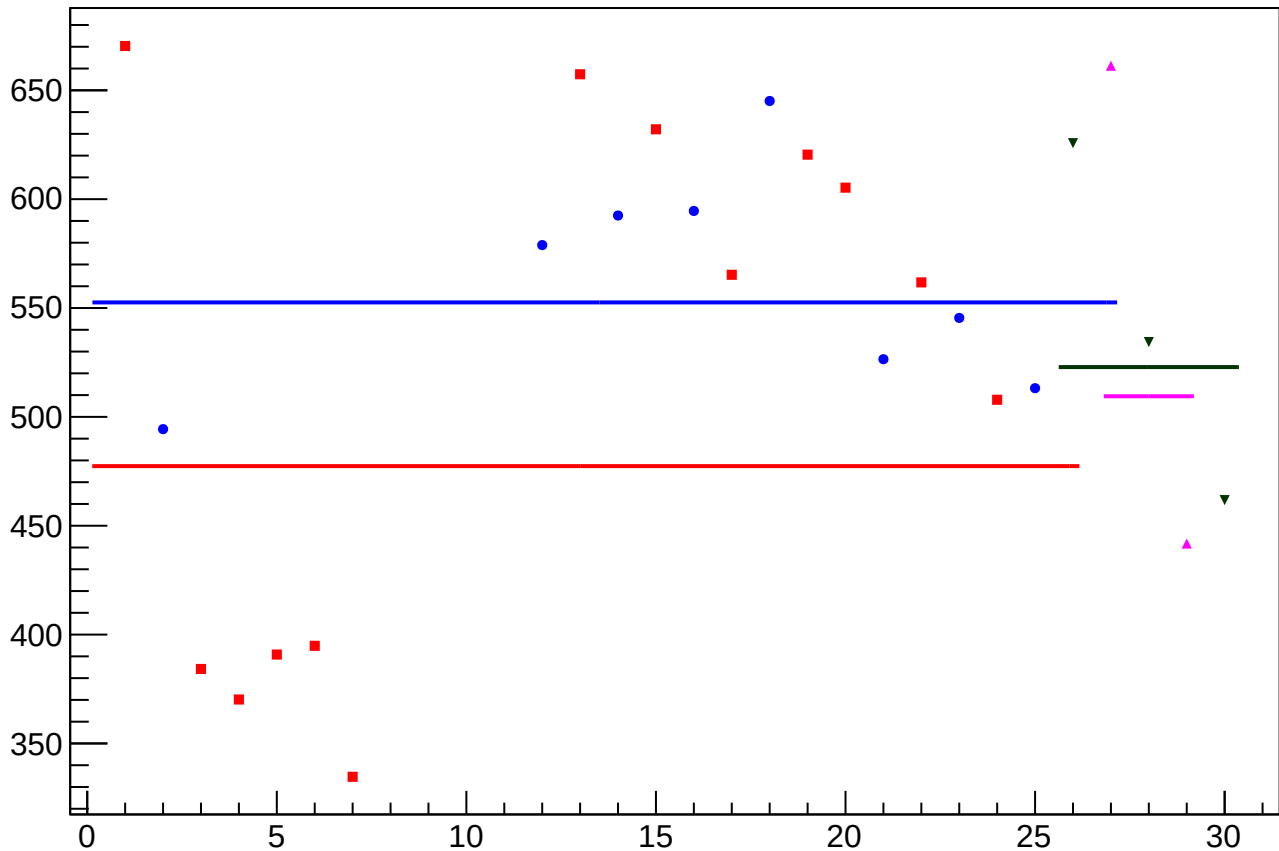
Right Out: 667.704+/-207.272 χ^2/NDF : 13.0/12

Left In: -157.255+/-399.843 χ^2/NDF : 0.5/1

-48.715+/-208.896 χ^2/NDF : 2.1/10

492.973+/-184.017 χ^2/NDF : 16.9/14

asym_right_avg_correction_rms vs slug



Right In: 552.579+/-0.174 χ^2/NDF : 73127.2/7

Left Out: 522.876+/-0.279 χ^2/NDF : 46743.6/2

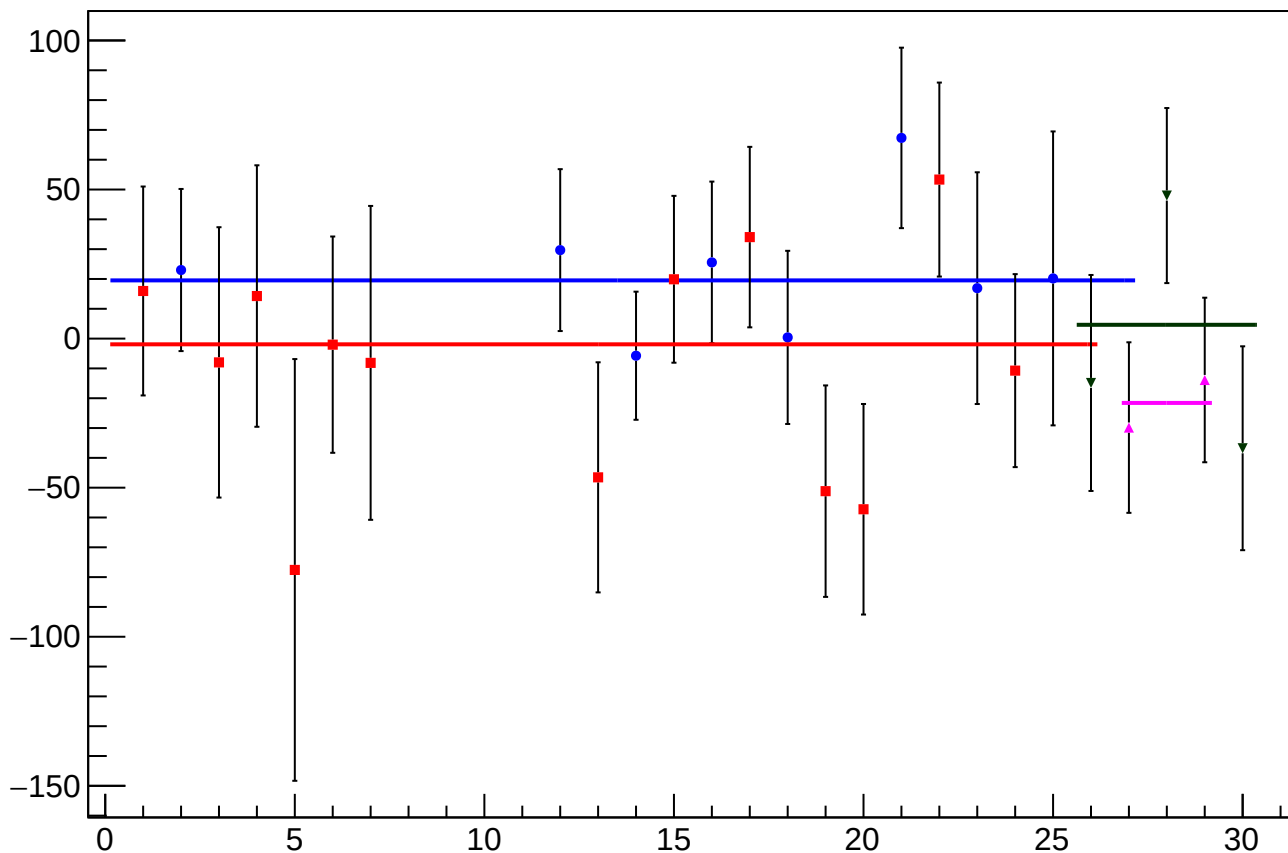
Right Out: 477.380+/-0.147 χ^2/NDF : 606058.0/12

Left In: 509.471+/-0.283 χ^2/NDF : 128465.8/1

544.244+/-0.148 χ^2/NDF : 128033.4/10

484.177+/-0.130 χ^2/NDF : 744678.1/14

reg_asym_right_dd_mean vs slug



Right In: 19.525 ± 10.212 $\chi^2/\text{NDF}: 4.5/7$

Left Out: 4.629 ± 18.974 $\chi^2/\text{NDF}: 3.9/2$

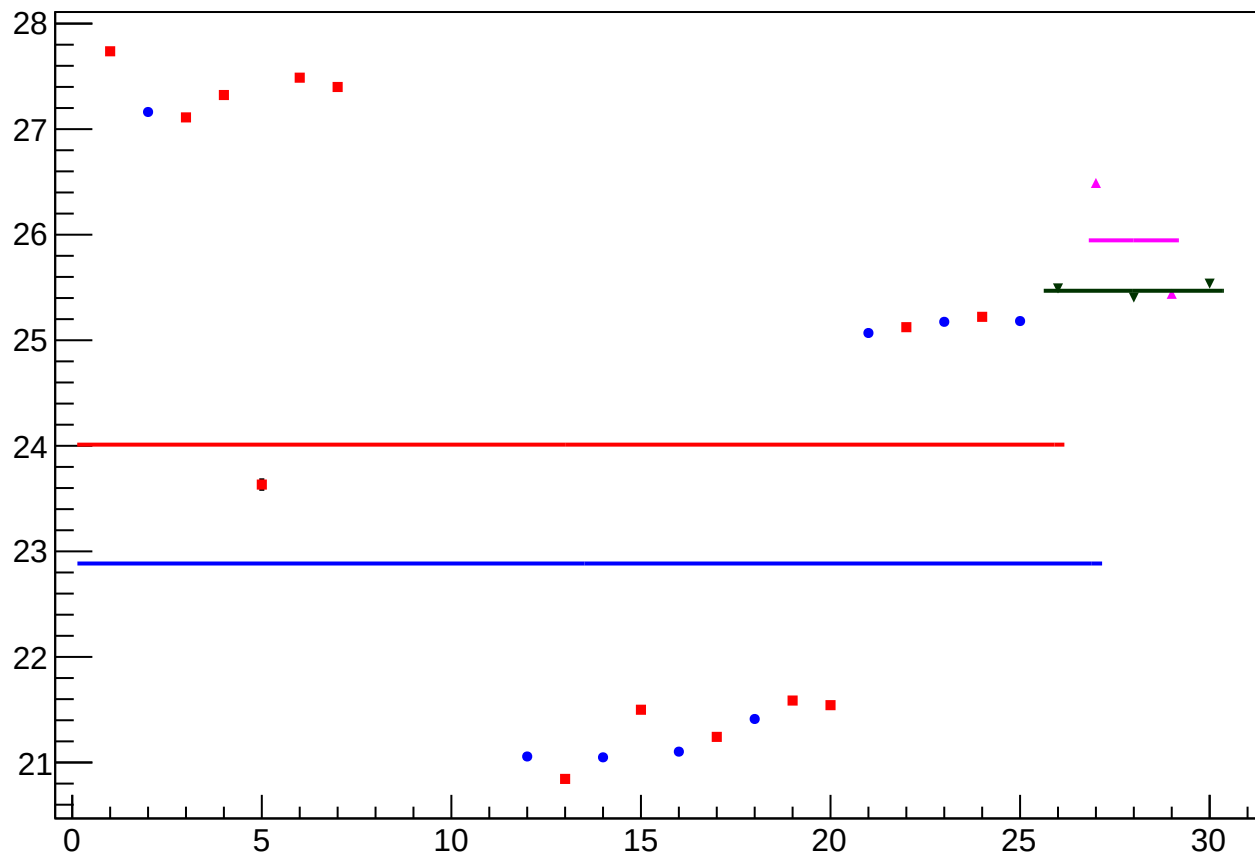
Right Out: -1.917 ± 10.165 $\chi^2/\text{NDF}: 12.3/12$

Left In: -21.574 ± 19.860 $\chi^2/\text{NDF}: 0.2/1$

16.179 ± 8.993 $\chi^2/\text{NDF}: 8.9/10$

-5.998 ± 9.048 $\chi^2/\text{NDF}: 13.2/14$

reg_asym_right_dd_rms vs slug



Right In: 22.885+/-0.007 χ^2/NDF : 108670.1/7

Left Out: 25.469+/-0.013 χ^2/NDF : 18.1/2

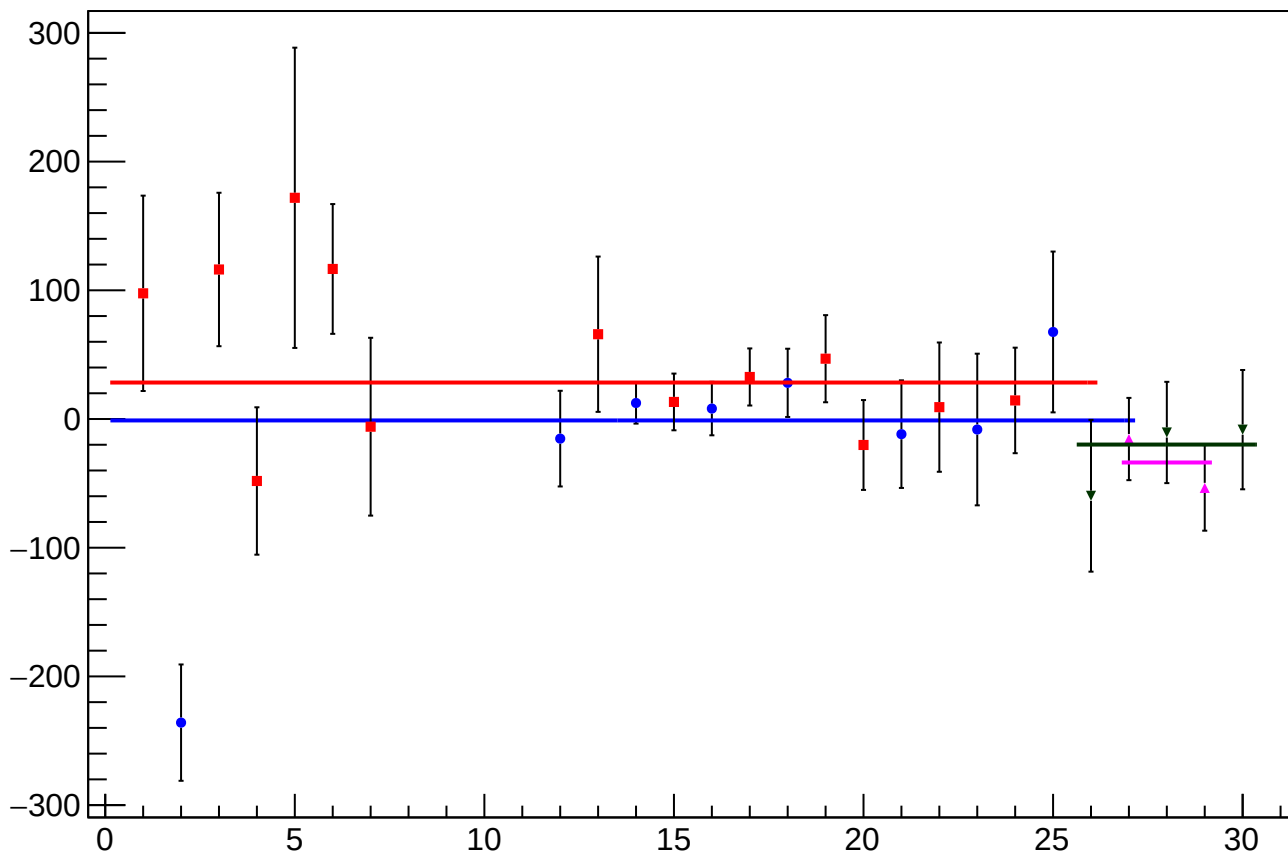
Right Out: 24.011+/-0.007 χ^2/NDF : 140668.1/12

Left In: 25.946+/-0.014 χ^2/NDF : 1396.5/1

23.465+/-0.006 χ^2/NDF : 137446.5/10

24.413+/-0.006 χ^2/NDF : 157115.8/14

asym_right_dd_correction_mean vs slug



Right In: -1.110 ± 10.018 $\chi^2/\text{NDF}: 30.5/7$

Left Out: -19.853 ± 26.735 $\chi^2/\text{NDF}: 0.6/2$

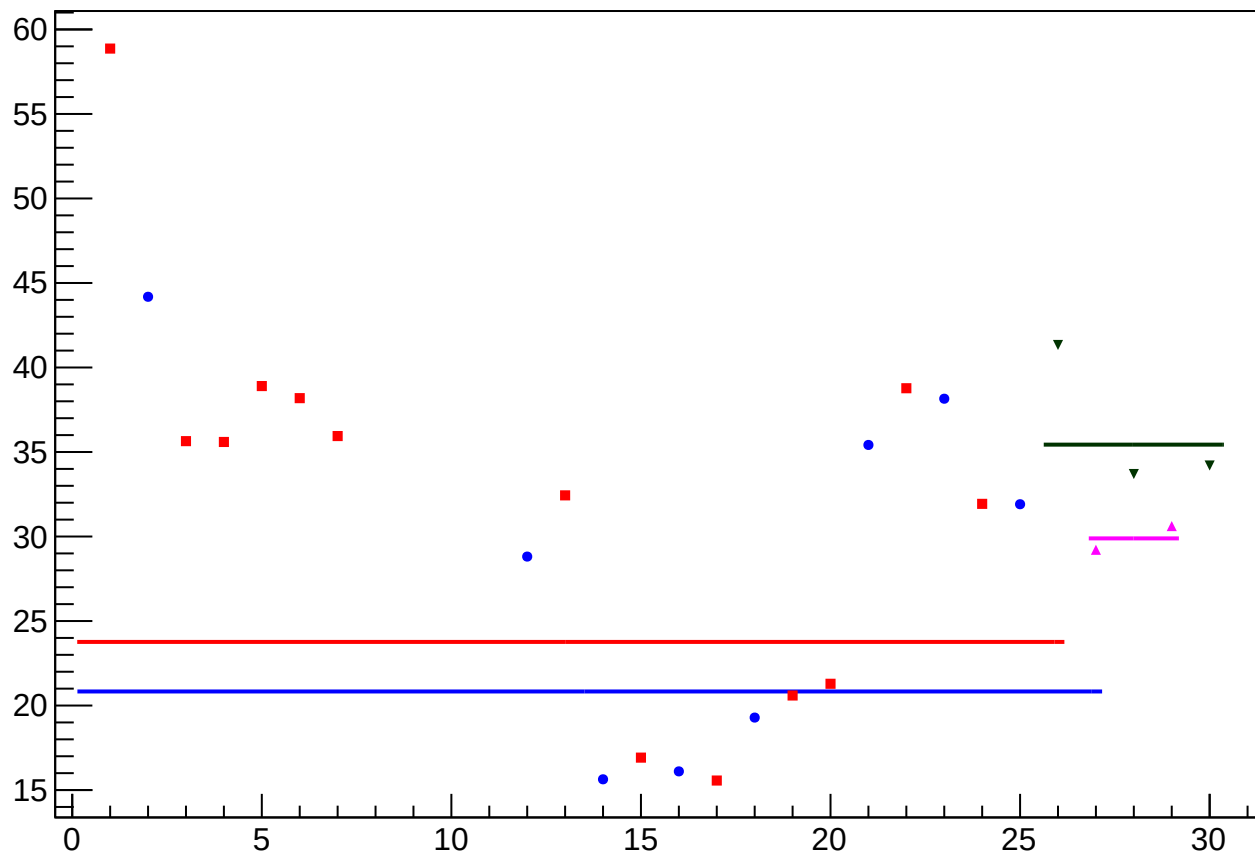
Right Out: 28.342 ± 10.854 $\chi^2/\text{NDF}: 13.0/12$

Left In: -33.787 ± 23.043 $\chi^2/\text{NDF}: 0.7/1$

-3.418 ± 9.381 $\chi^2/\text{NDF}: 31.6/10$

17.061 ± 9.819 $\chi^2/\text{NDF}: 19.6/14$

asym_right_dd_correction_rms vs slug



Right In: 20.833+/-0.007 χ^2/NDF : 1425927.8/7

Left Out: 35.436+/-0.019 χ^2/NDF :25331.4/2

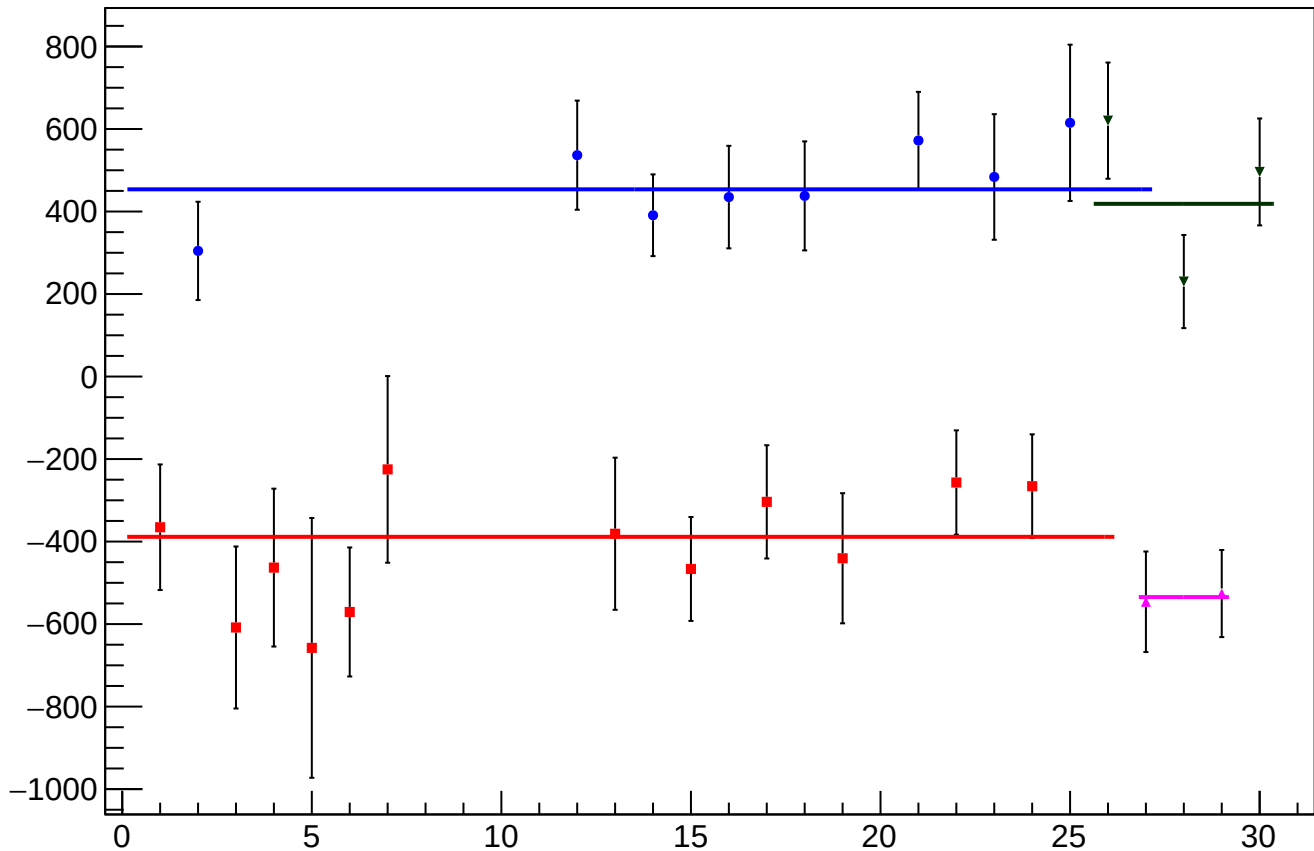
Right Out: 23.764+/-0.008 χ^2/NDF : 1645537.7/12

Left In: 29.889+/-0.016 χ^2/NDF :1847.7/1

22.631+/-0.007 χ^2/NDF : 1974498.6/10

24.876+/-0.007 χ^2/NDF : 1763033.9/14

reg_asym_us_avg_mean vs slug



Right In: 453.788 $\pm$ 44.966 χ^2 /NDF: 4.2/7

Left Out: 418.648 $\pm$ 72.847 χ^2 /NDF:5.2/2

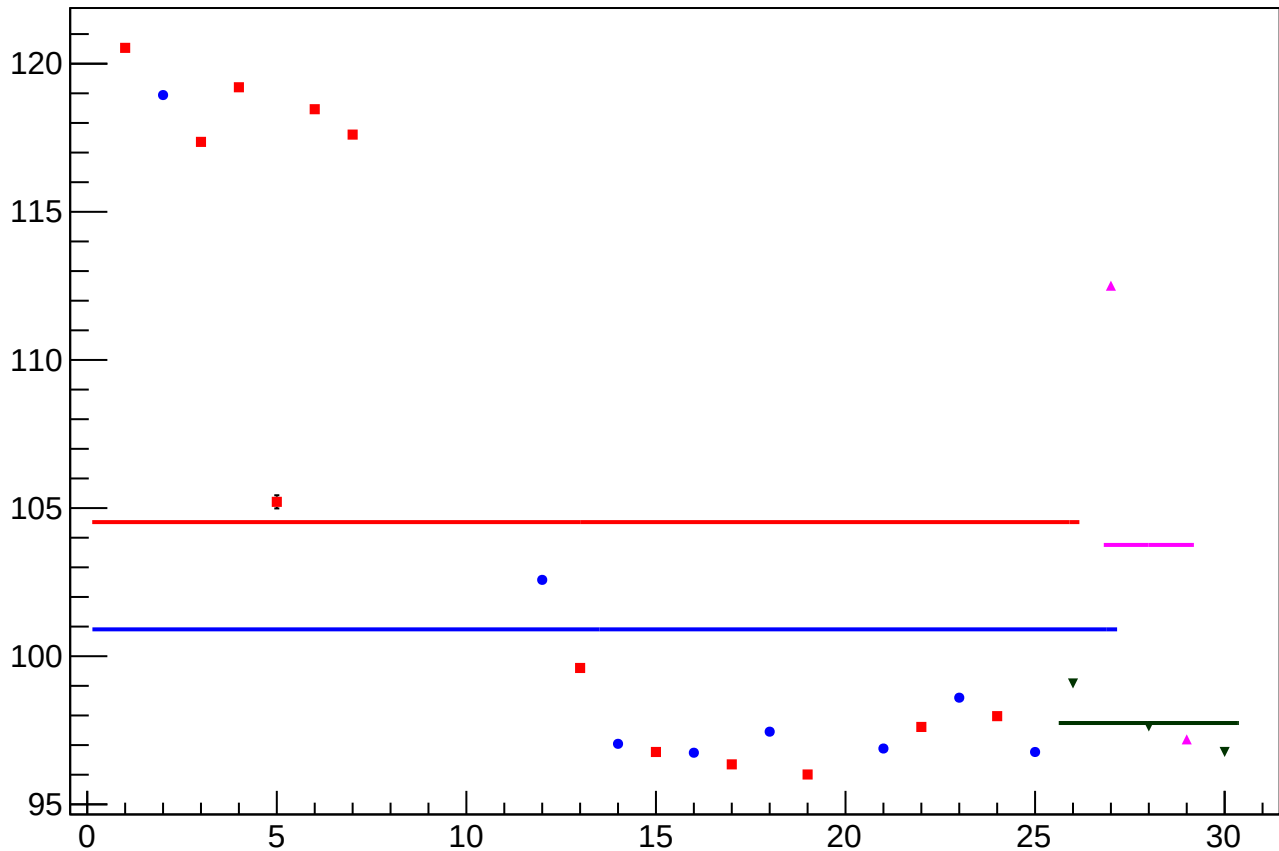
Right Out: -388.487 $\pm$ 45.713 χ^2 /NDF: 7.0/11

Left In: -534.537 $\pm$ 79.777 χ^2 /NDF:0.0/1

444.093 $\pm$ 38.264 χ^2 /NDF: 9.5/10

-424.588 $\pm$ 39.663 χ^2 /NDF: 9.5/13

reg_asym_us_avg_rms vs slug



Right In: 100.906 $\pm$ 0.032 χ^2 /NDF: 56536.0/7

Left Out: 97.745 $\pm$ 0.052 χ^2 /NDF:295.6/2

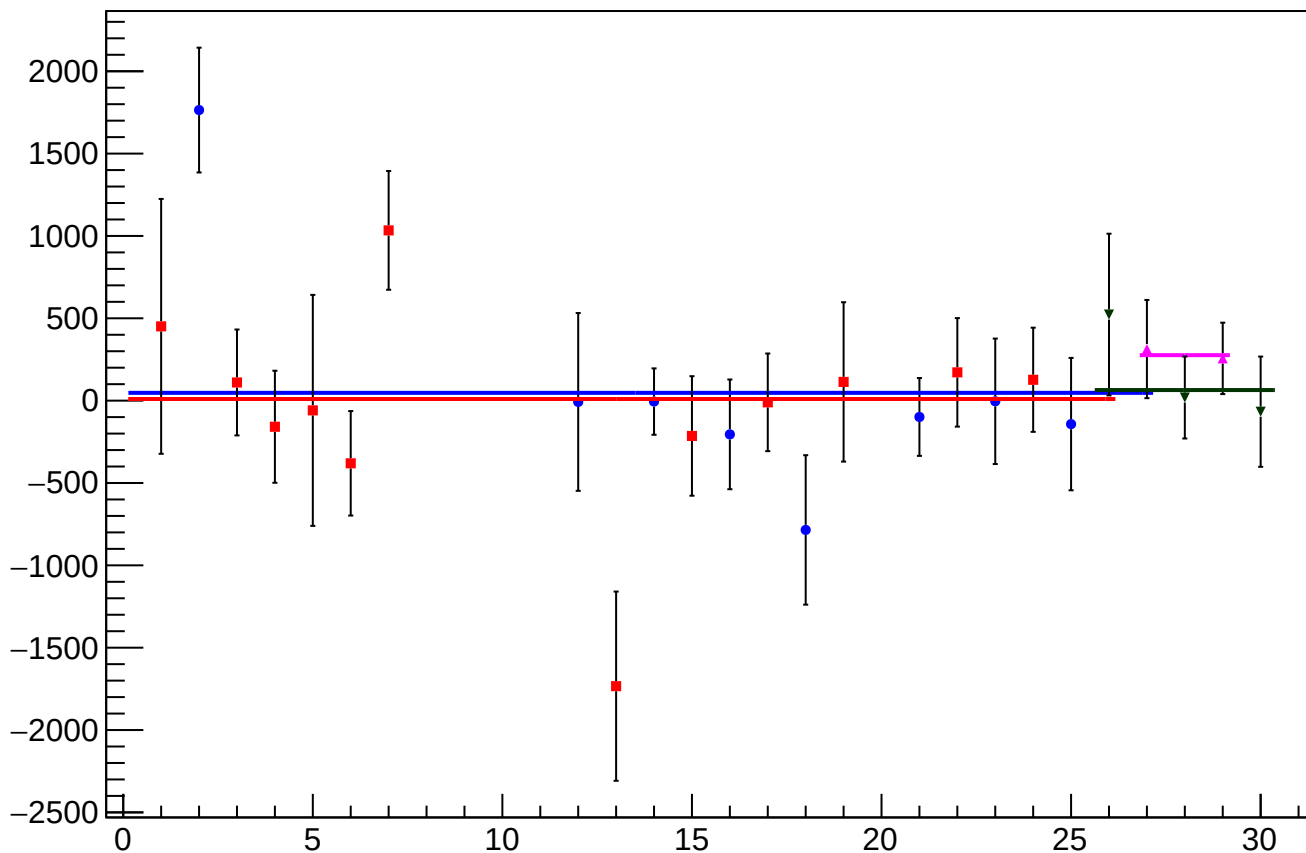
Right Out: 104.527 $\pm$ 0.032 χ^2 /NDF: 98388.8/11

Left In: 103.756 $\pm$ 0.056 χ^2 /NDF:18046.9/1

100.034 $\pm$ 0.027 χ^2 /NDF: 59558.7/10

104.336 $\pm$ 0.028 χ^2 /NDF: 116576.1/13

asym_us_avg_correction_mean vs slug



Right In: 47.407+/-111.880 χ^2/NDF : 25.2/7

Left Out: 64.244+/-184.990 χ^2/NDF : 1.1/2

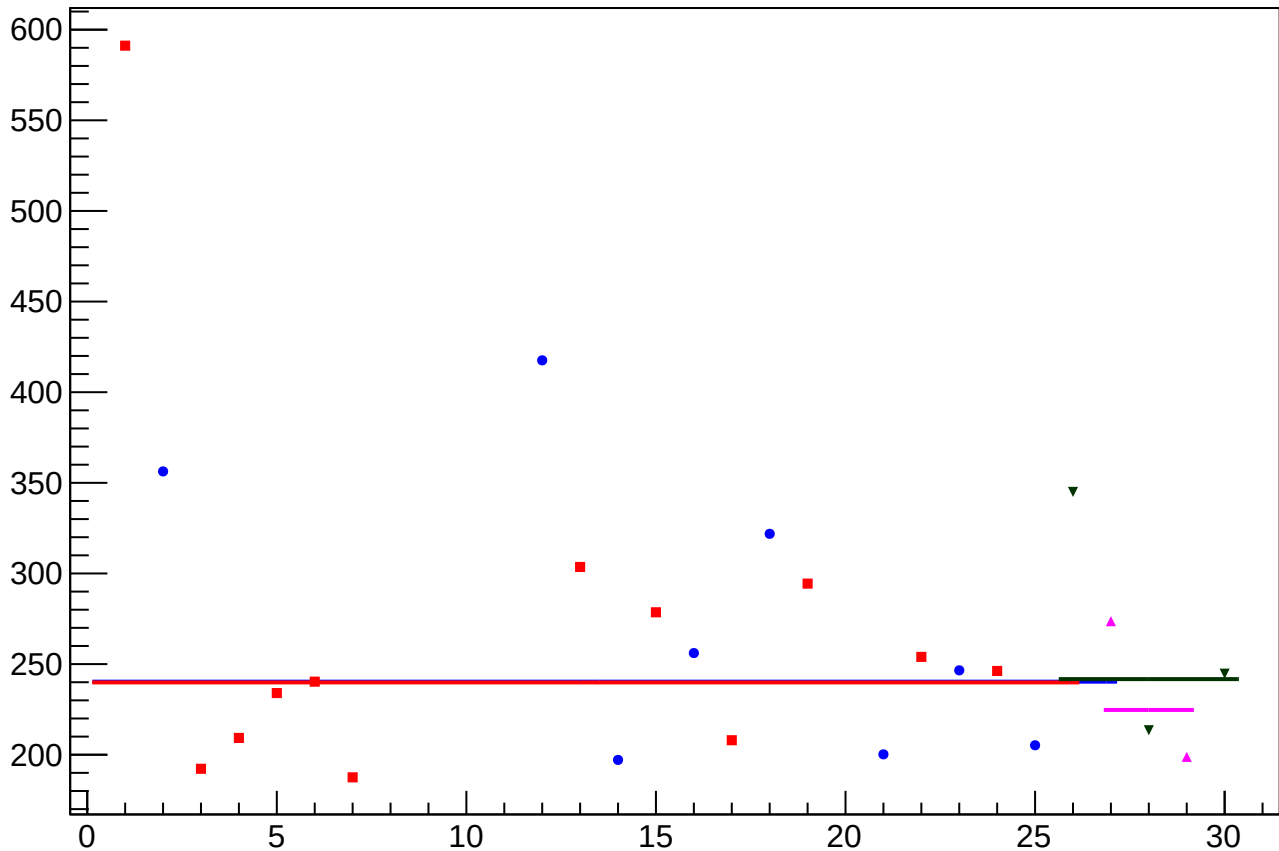
Right Out: 9.883+/-108.373 χ^2/NDF : 20.3/11

Left In: 276.177+/-175.317 χ^2/NDF : 0.0/1

51.916+/-95.733 χ^2/NDF : 26.3/10

83.506+/-92.183 χ^2/NDF : 22.0/13

asym_us_avg_correction_rms vs slug



Right In: 240.309 $\pm$ 0.079 χ^2/NDF : 637516.7/7

Left Out: 241.718 $\pm$ 0.131 χ^2/NDF : 114395.8/2

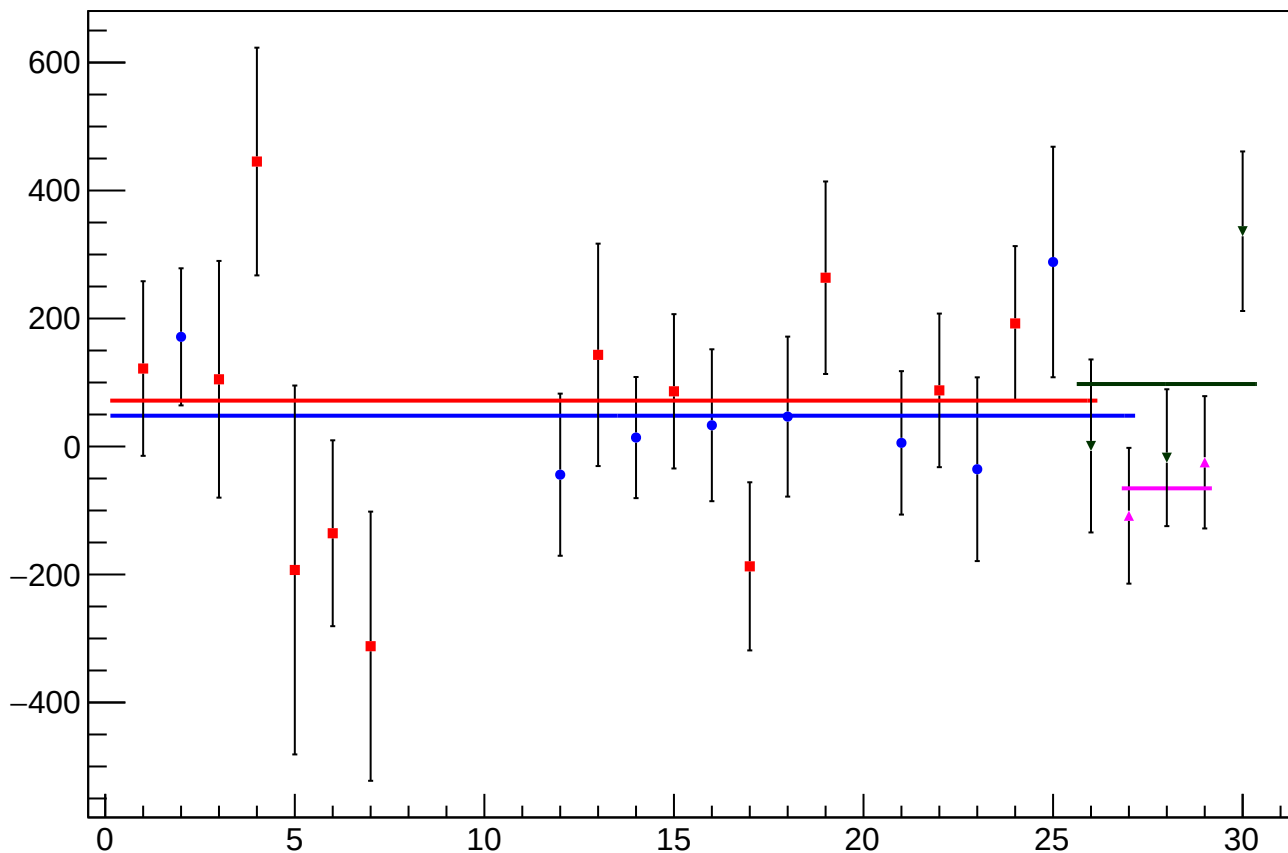
Right Out: 239.896 $\pm$ 0.077 χ^2/NDF : 615089.1/11

Left In: 224.707 $\pm$ 0.124 χ^2/NDF : 82414.5/1

240.687 $\pm$ 0.068 χ^2/NDF : 751997.4/10

235.696 $\pm$ 0.065 χ^2/NDF : 708364.5/13

reg_asym_us_dd_mean vs slug



Right In: 48.125+/-42.446 χ^2/NDF : 4.3/7

Left Out: 97.636+/-69.584 χ^2/NDF : 5.3/2

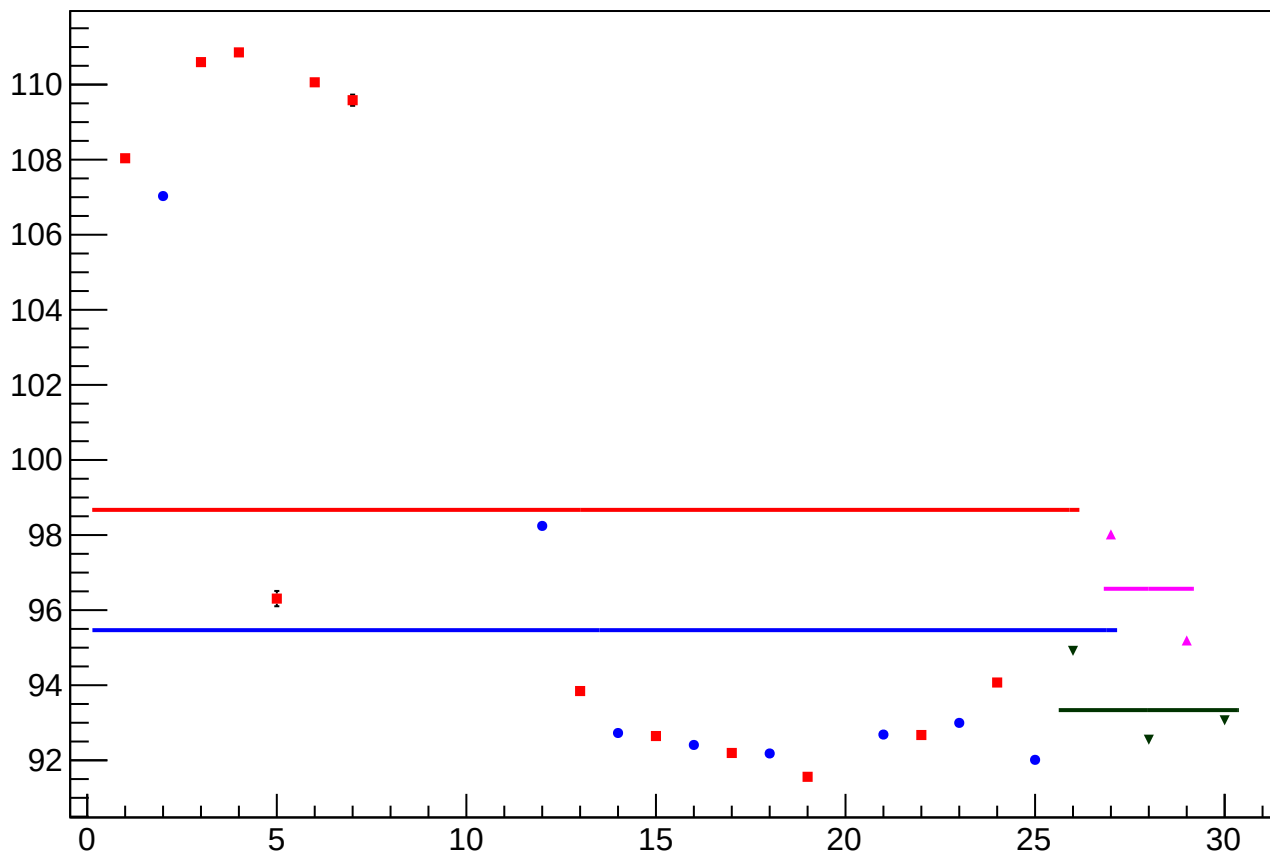
Right Out: 71.704+/-43.090 χ^2/NDF : 17.5/11

Left In: -65.373+/-74.041 χ^2/NDF : 0.3/1

61.551+/-36.236 χ^2/NDF : 10.0/10

37.023+/-37.242 χ^2/NDF : 20.4/13

reg_asym_us_dd_rms vs slug



Right In: 95.467+/-0.030 χ^2/NDF : 31211.1/7

Left Out: 93.337+/-0.049 χ^2/NDF : 390.9/2

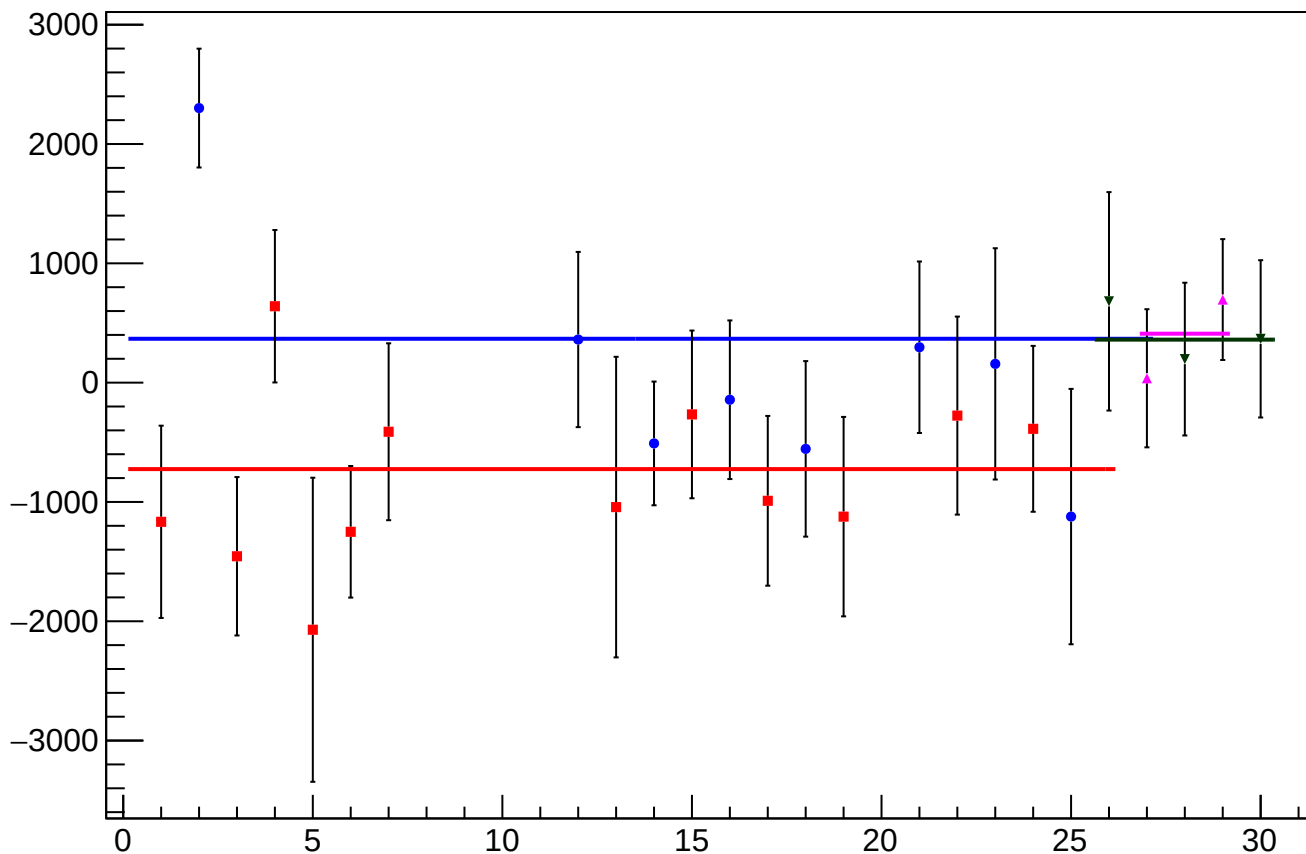
Right Out: 98.671+/-0.030 χ^2/NDF : 68705.6/11

Left In: 96.569+/-0.052 χ^2/NDF : 727.6/1

94.889+/-0.026 χ^2/NDF : 32967.7/10

98.139+/-0.026 χ^2/NDF : 70637.3/13

asym_us_dd_correction_mean vs slug



Right In: 367.687 ± 238.424 $\chi^2/\text{NDF}: 22.1/7$

Left Out: 360.491 ± 410.474 $\chi^2/\text{NDF}: 0.2/2$

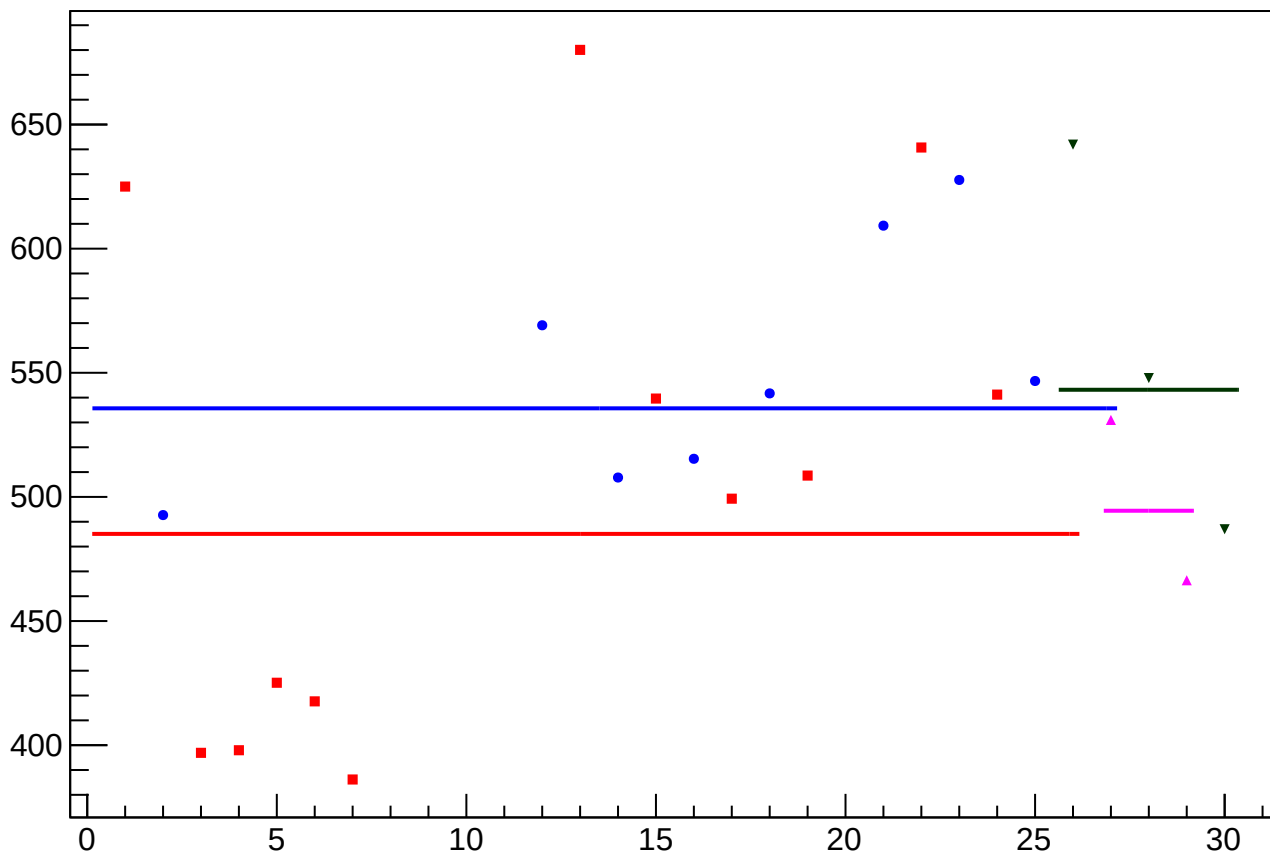
Right Out: -724.637 ± 215.342 $\chi^2/\text{NDF}: 9.7/11$

Left In: 410.277 ± 381.166 $\chi^2/\text{NDF}: 0.7/1$

365.872 ± 206.168 $\chi^2/\text{NDF}: 22.3/10$

-450.043 ± 187.490 $\chi^2/\text{NDF}: 17.1/13$

asym_us_dd_correction_rms vs slug



Right In: 535.683+/-0.169 χ^2/NDF : 66033.0/7

Left Out: 543.163+/-0.290 χ^2/NDF :37908.5/2

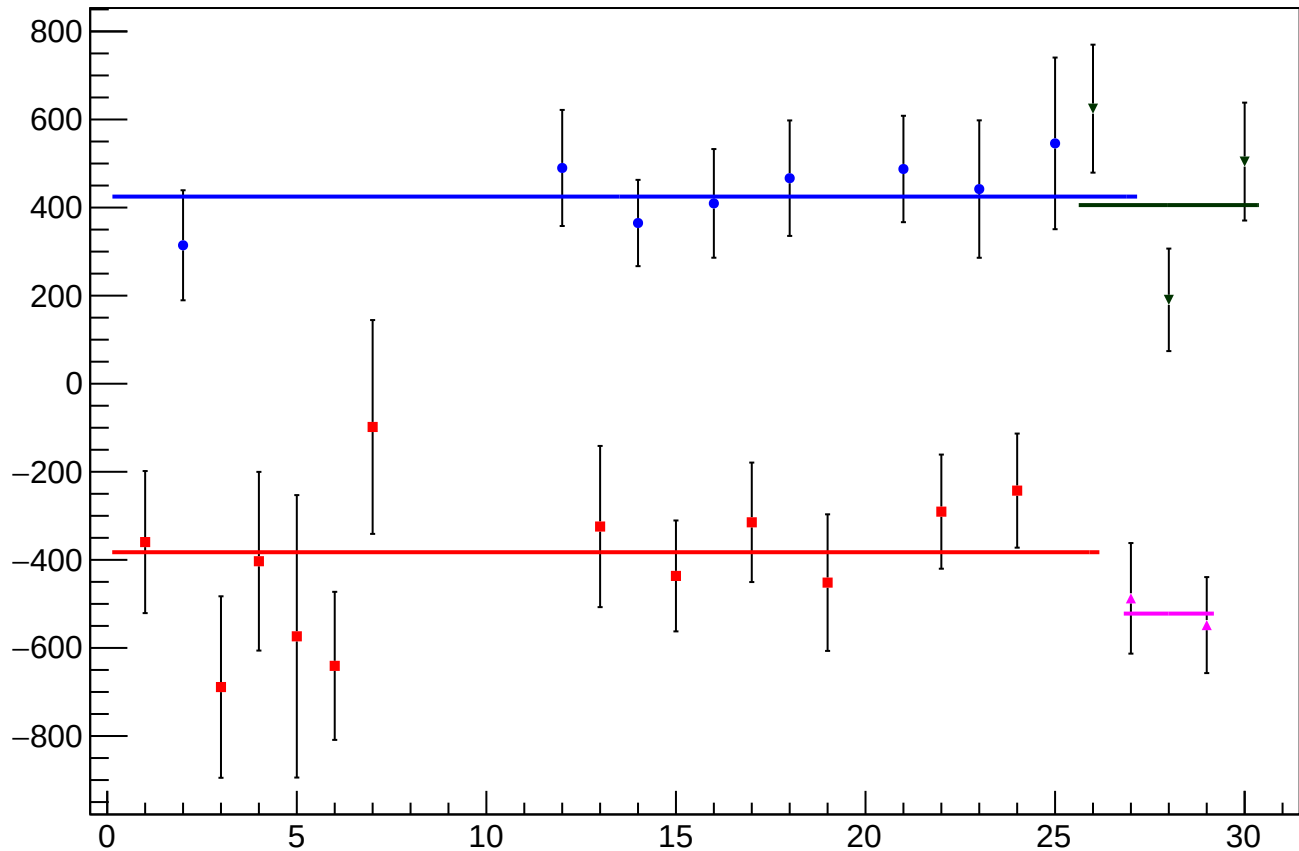
Right Out: 485.105+/-0.152 χ^2/NDF : 348422.5/11

Left In: 494.431+/-0.270 χ^2/NDF :14102.9/1

537.570+/-0.146 χ^2/NDF : 104438.0/10

487.361+/-0.133 χ^2/NDF : 363433.1/13

reg_asym_ds_avg_mean vs slug



Right In: 424.934 $\pm$ 45.381 χ^2 /NDF: 2.2/7

Left Out: 405.621 $\pm$ 75.165 χ^2 /NDF:6.2/2

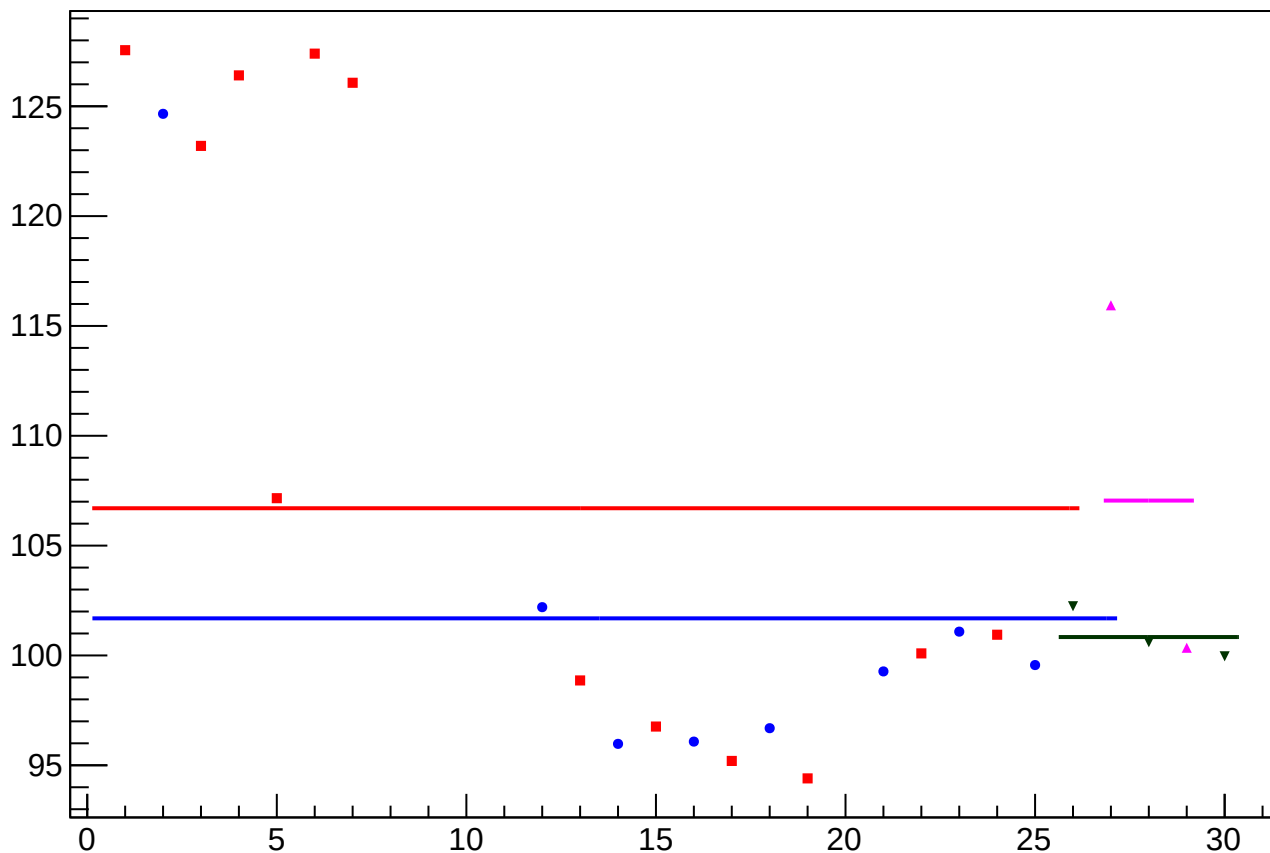
419.774 $\pm$ 38.849 χ^2 /NDF: 8.5/10

Right Out: -382.637 $\pm$ 46.814 χ^2 /NDF: 8.7/11

-416.701 $\pm$ 40.694 χ^2 /NDF: 11.0/13

Left In: -522.026 $\pm$ 82.319 χ^2 /NDF:0.1/1

reg_asym_ds_avg_rms vs slug



Right In: 101.689 $\pm$ 0.032 χ^2 /NDF: 82536.6/7

Left Out: 100.838 $\pm$ 0.053 χ^2 /NDF: 280.2/2

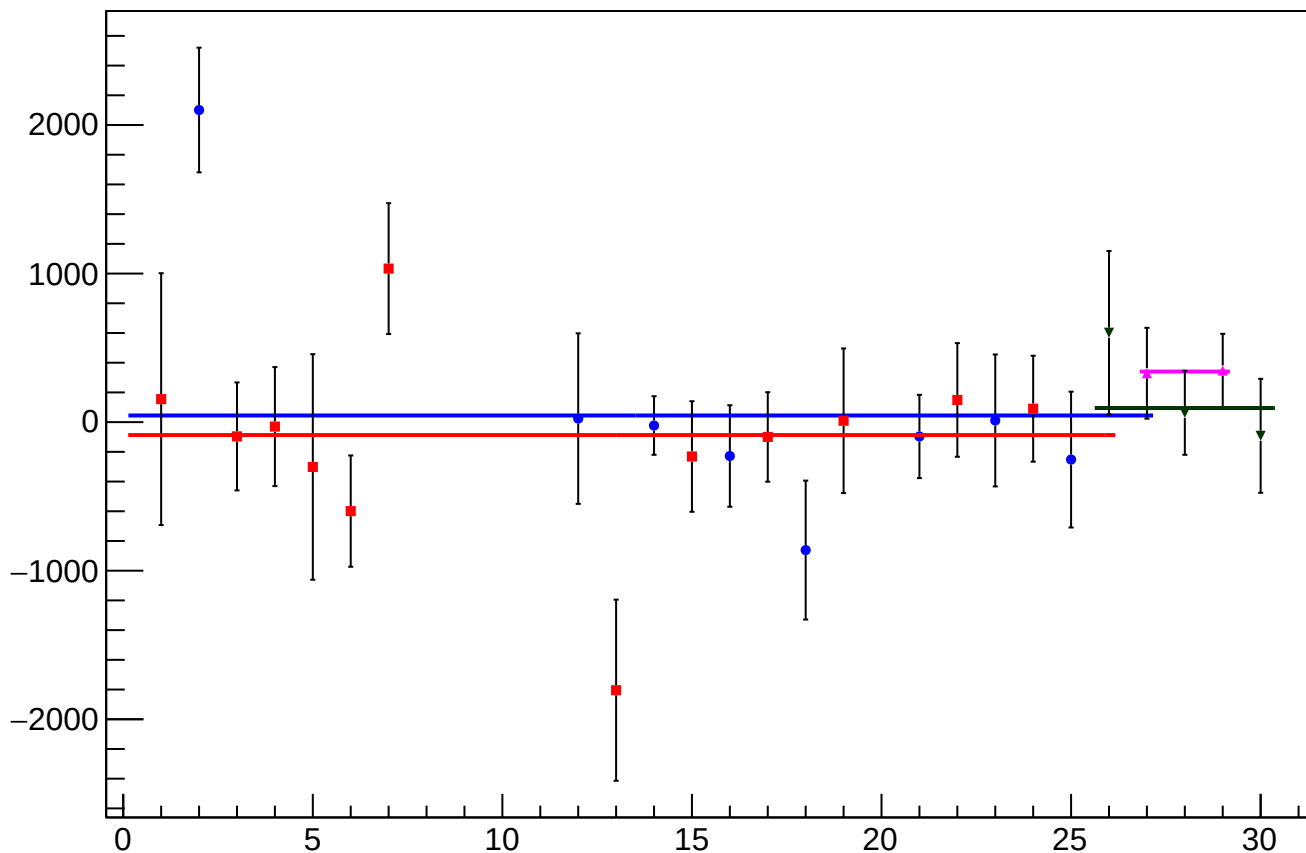
Right Out: 106.701 $\pm$ 0.033 χ^2 /NDF: 160367.7/11

Left In: 107.050 $\pm$ 0.058 χ^2 /NDF: 17577.7/1

101.461 $\pm$ 0.027 χ^2 /NDF: 83004.6/10

106.786 $\pm$ 0.029 χ^2 /NDF: 177972.6/13

asym_ds_avg_correction_mean vs slug



Right In: 44.732+/-119.368 χ^2/NDF : 29.2/7

Left Out: 94.900+/-210.340 χ^2/NDF : 1.1/2

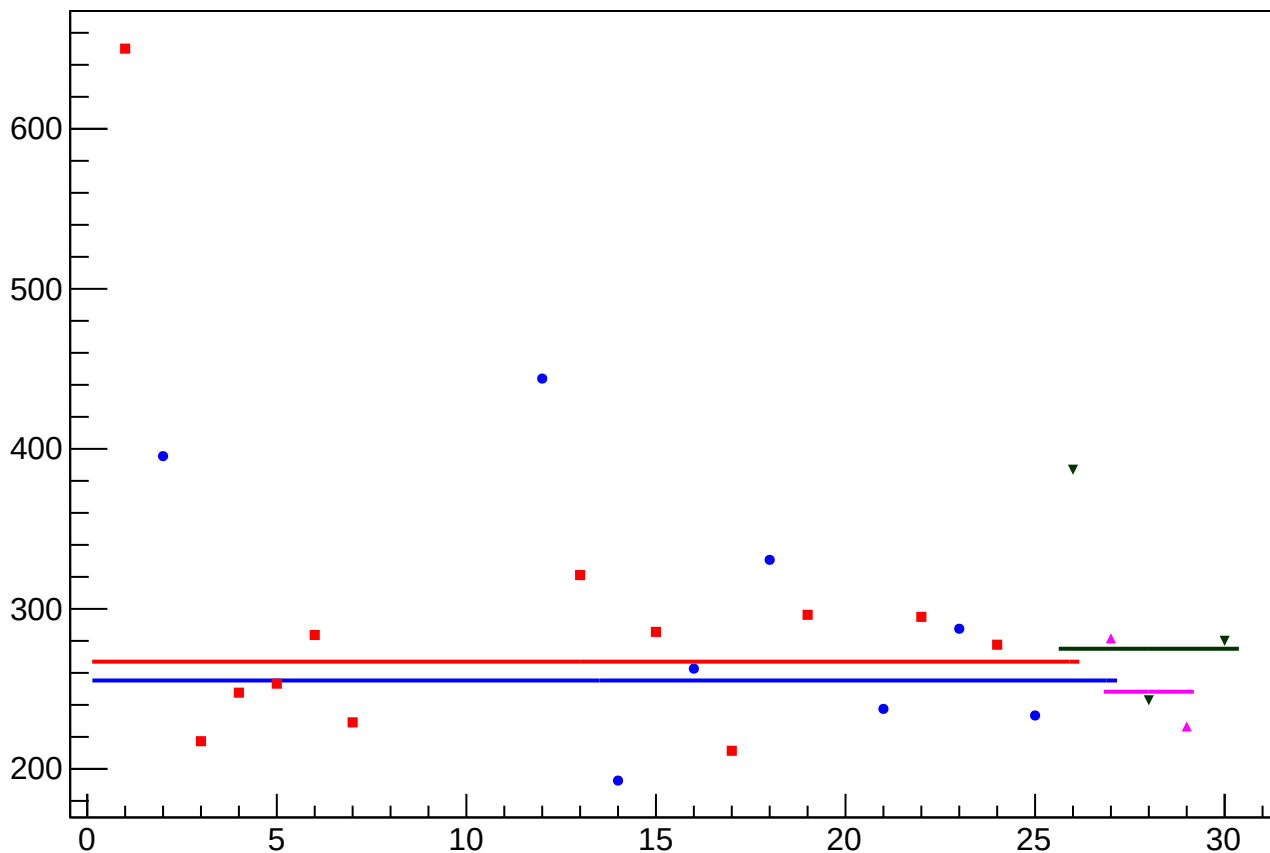
Right Out: -87.179+/-120.324 χ^2/NDF : 17.3/11

Left In: 340.289+/-191.981 χ^2/NDF : 0.0/1

56.953+/-103.816 χ^2/NDF : 30.3/10

33.380+/-101.955 χ^2/NDF : 20.8/13

asym_ds_avg_correction_rms vs slug



Right In: 255.250+/-0.084 χ^2/NDF : 716898.8/7

Left Out: 275.086+/-0.149 χ^2/NDF :108901.0/2

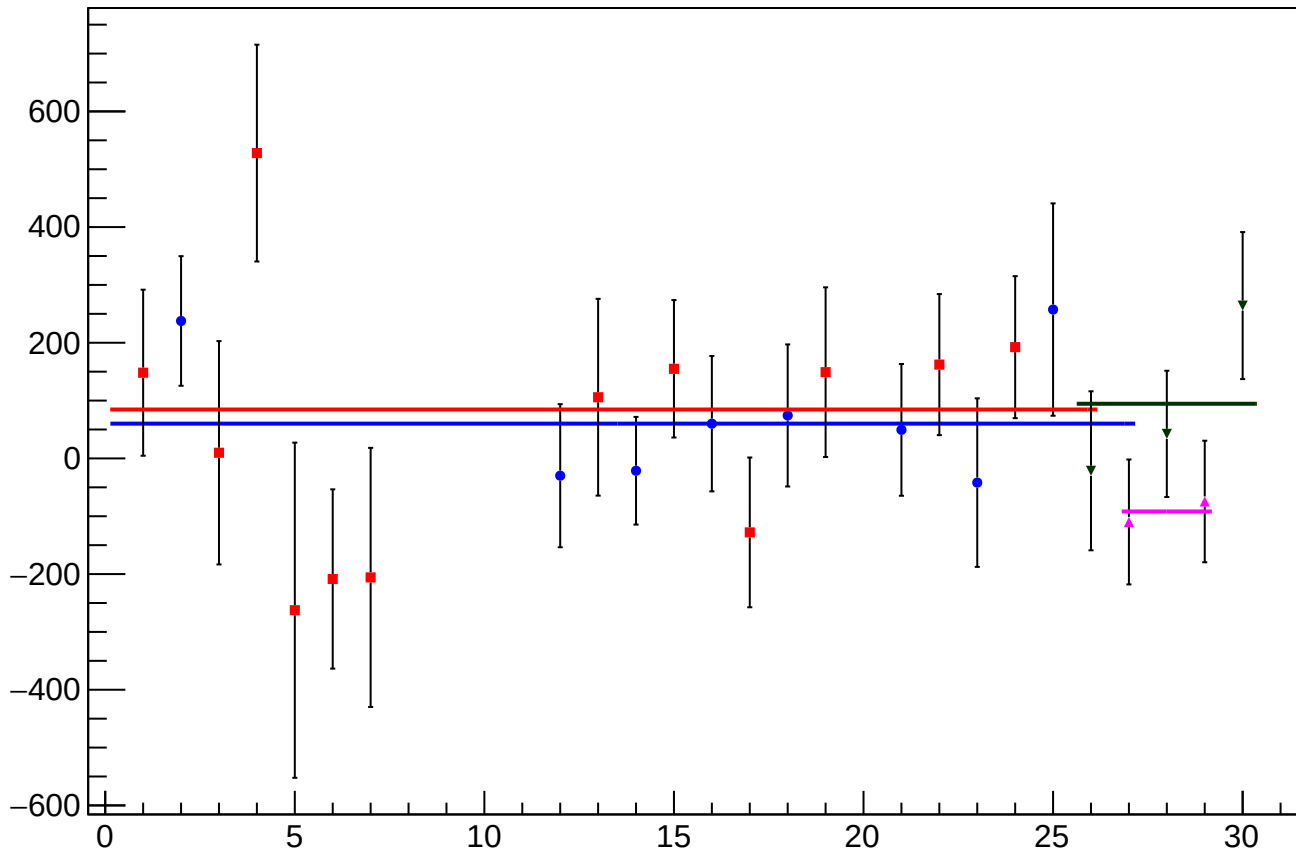
Right Out: 267.016+/-0.085 χ^2/NDF : 578992.7/11

Left In: 248.254+/-0.136 χ^2/NDF :39343.8/1

260.082+/-0.073 χ^2/NDF : 839254.2/10

261.725+/-0.072 χ^2/NDF : 632050.8/13

reg_asym_ds_dd_mean vs slug



Right In: 60.144+/-42.506 χ^2/NDF : 5.5/7

Left Out: 94.505+/-70.946 χ^2/NDF : 2.7/2

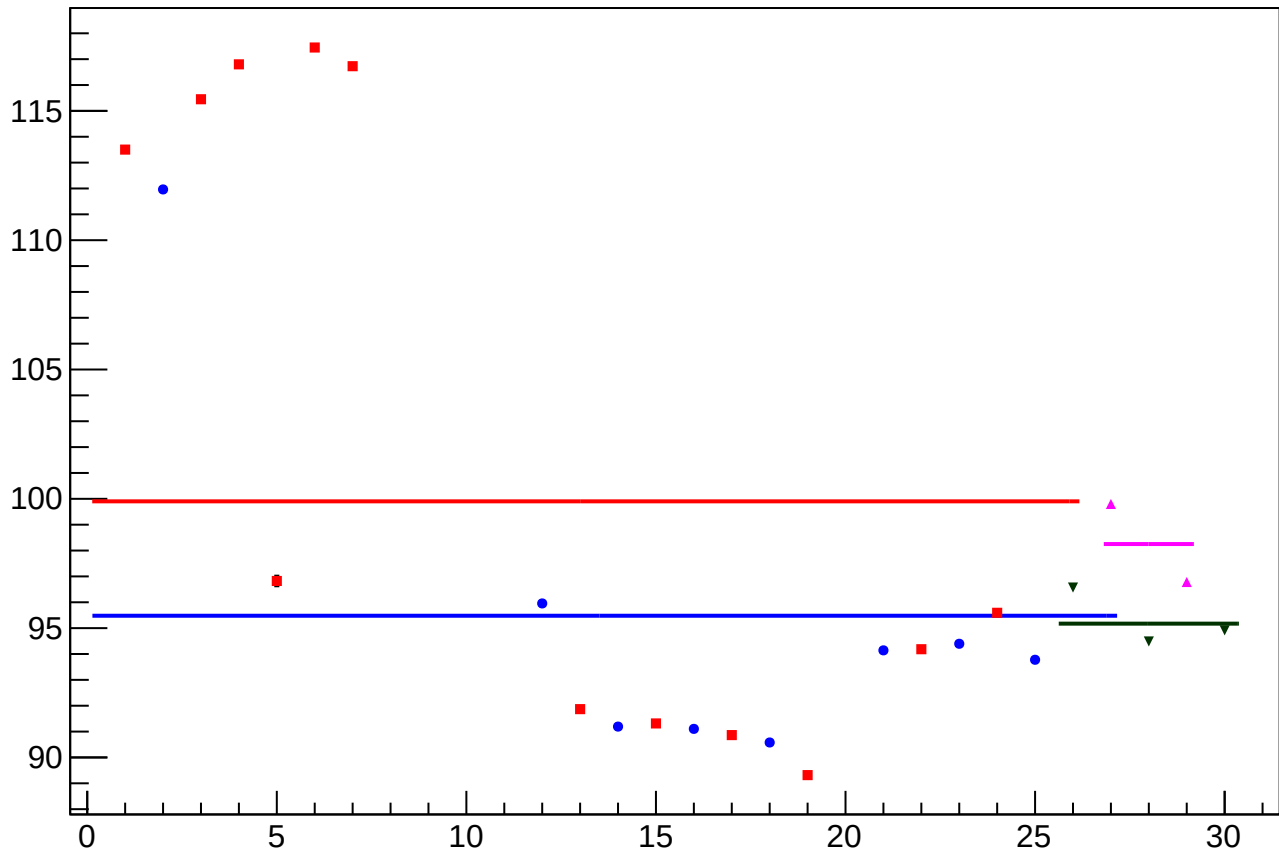
Right Out: 84.556+/-43.756 χ^2/NDF : 17.1/11

Left In: -91.712+/-75.317 χ^2/NDF : 0.1/1

69.220+/-36.462 χ^2/NDF : 8.4/10

40.076+/-37.835 χ^2/NDF : 21.2/13

reg_asym_ds_dd_rms vs slug



Right In: 95.479+/-0.030 χ^2/NDF : 54078.9/7

Left Out: 95.174+/-0.050 χ^2/NDF : 294.2/2

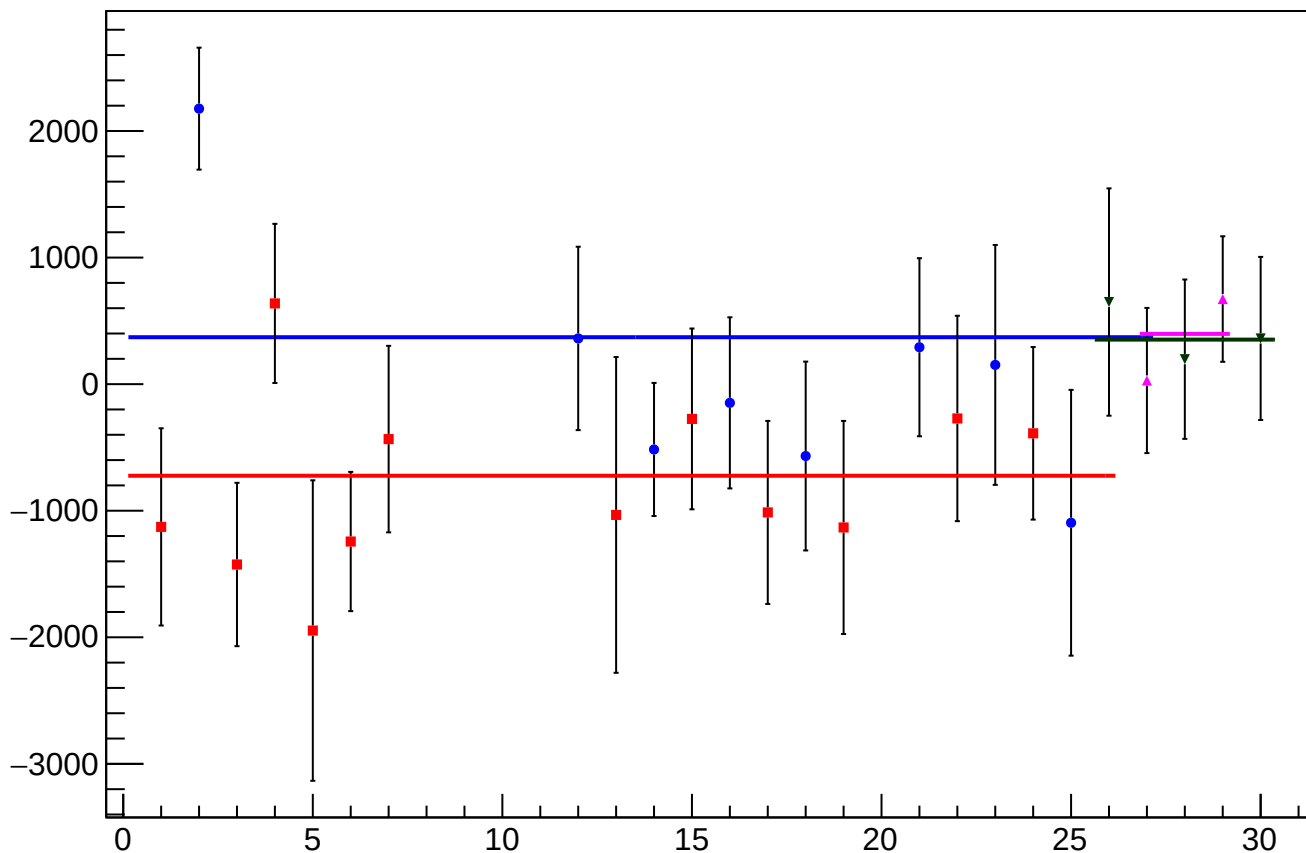
Right Out: 99.903+/-0.031 χ^2/NDF : 126236.8/11

Left In: 98.252+/-0.053 χ^2/NDF : 802.3/1

95.398+/-0.026 χ^2/NDF : 54400.4/10

99.486+/-0.027 χ^2/NDF : 127757.6/13

asym_ds_dd_correction_mean vs slug



Right In: 370.844+/-236.648 χ^2/NDF : 21.1/7

Left Out: 351.906+/-402.472 χ^2/NDF : 0.2/2

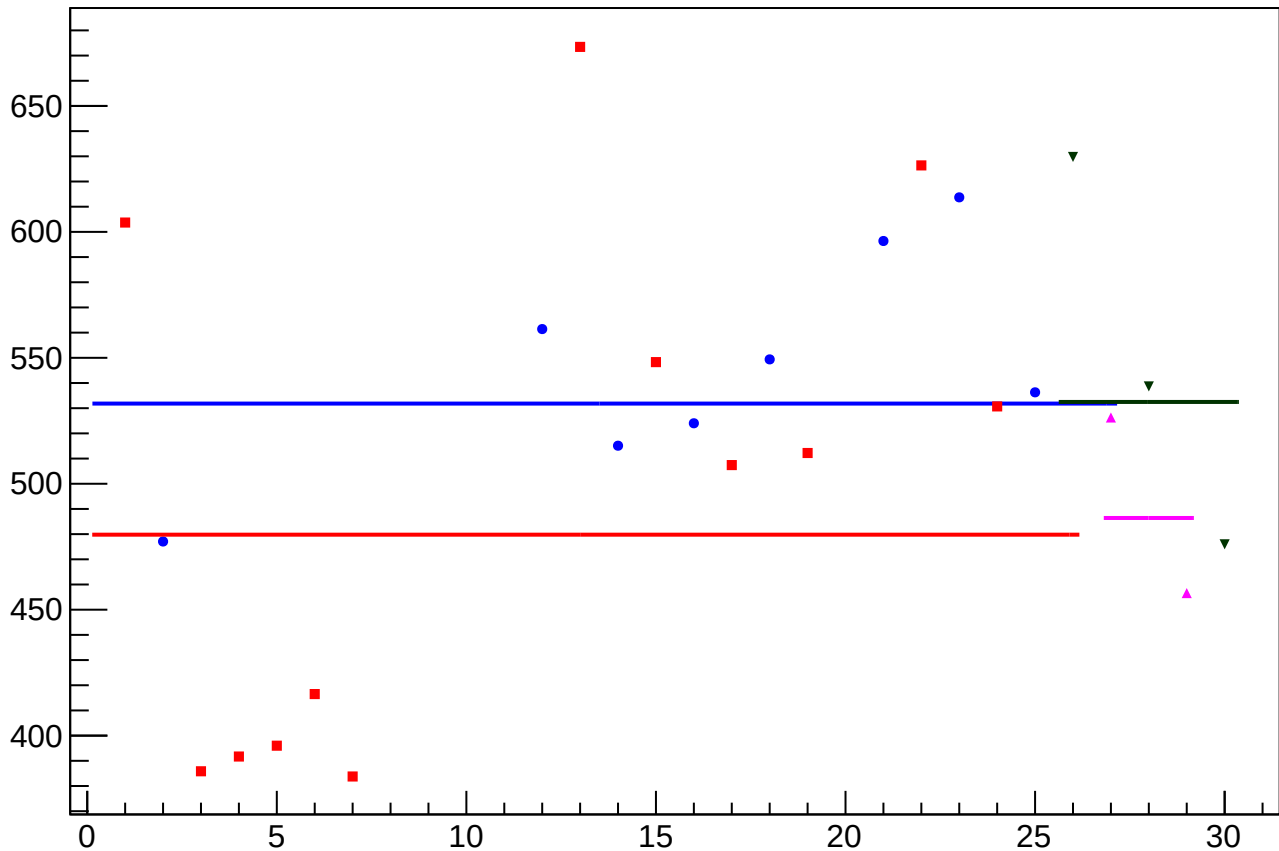
Right Out: -723.627+/-213.037 χ^2/NDF : 9.7/11

Left In: 397.150+/-375.099 χ^2/NDF : 0.7/1

365.979+/-203.997 χ^2/NDF : 21.3/10

-450.275+/-185.245 χ^2/NDF : 17.1/13

asym_ds_dd_correction_rms vs slug



Right In: 531.833+/-0.167 χ^2/NDF : 64377.1/7

Left Out: 532.480+/-0.285 χ^2/NDF :39053.1/2

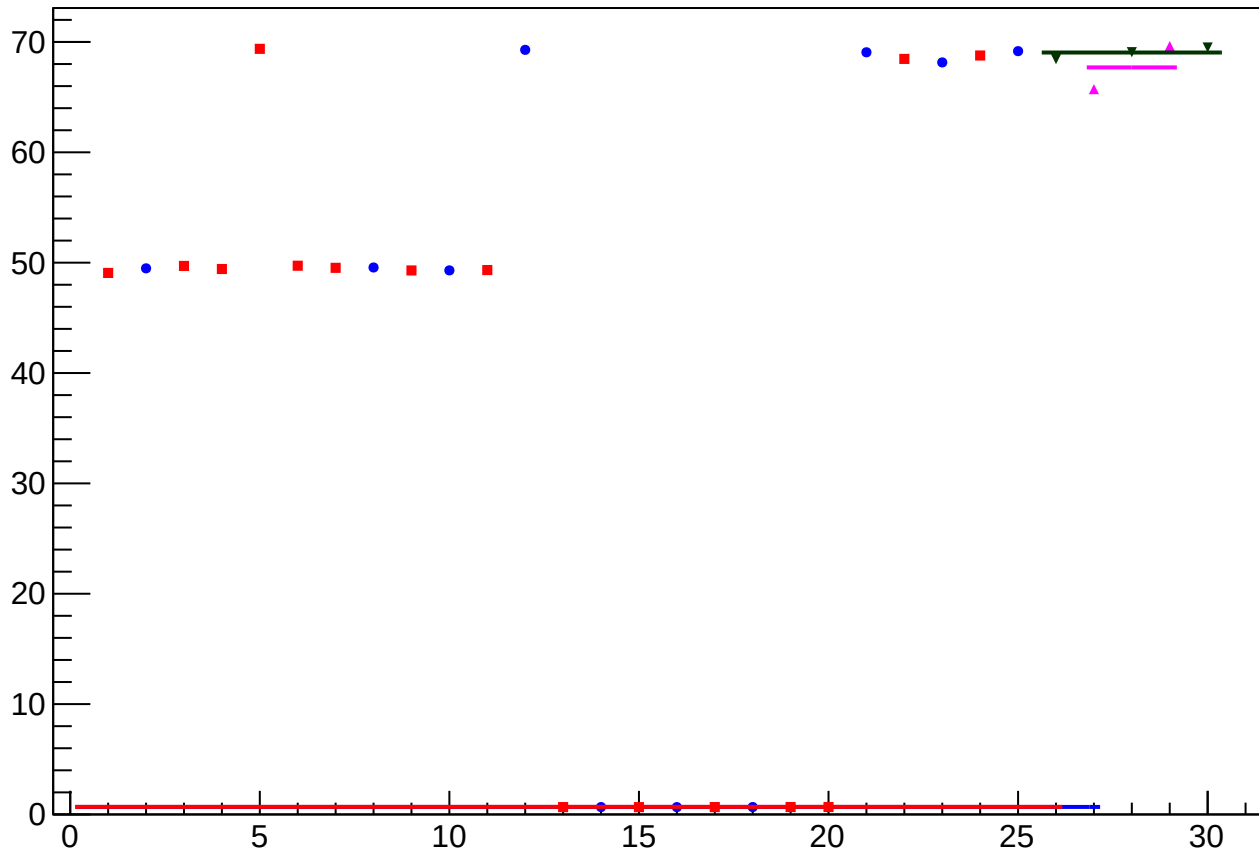
531.999+/-0.144 χ^2/NDF : 103434.0/10

Right Out: 479.783+/-0.151 χ^2/NDF : 351584.7/11

481.400+/-0.131 χ^2/NDF : 368968.6/13

Left In: 486.414+/-0.265 χ^2/NDF :16911.4/1

yield_bcm_an_ds_mean vs slug



Right In: 0.682 $\pm$ 0.000 χ^2/NDF : 571756437449.6/9

Left Out: 69.044 $\pm$ 0.000 χ^2/NDF : 9376654.8/2

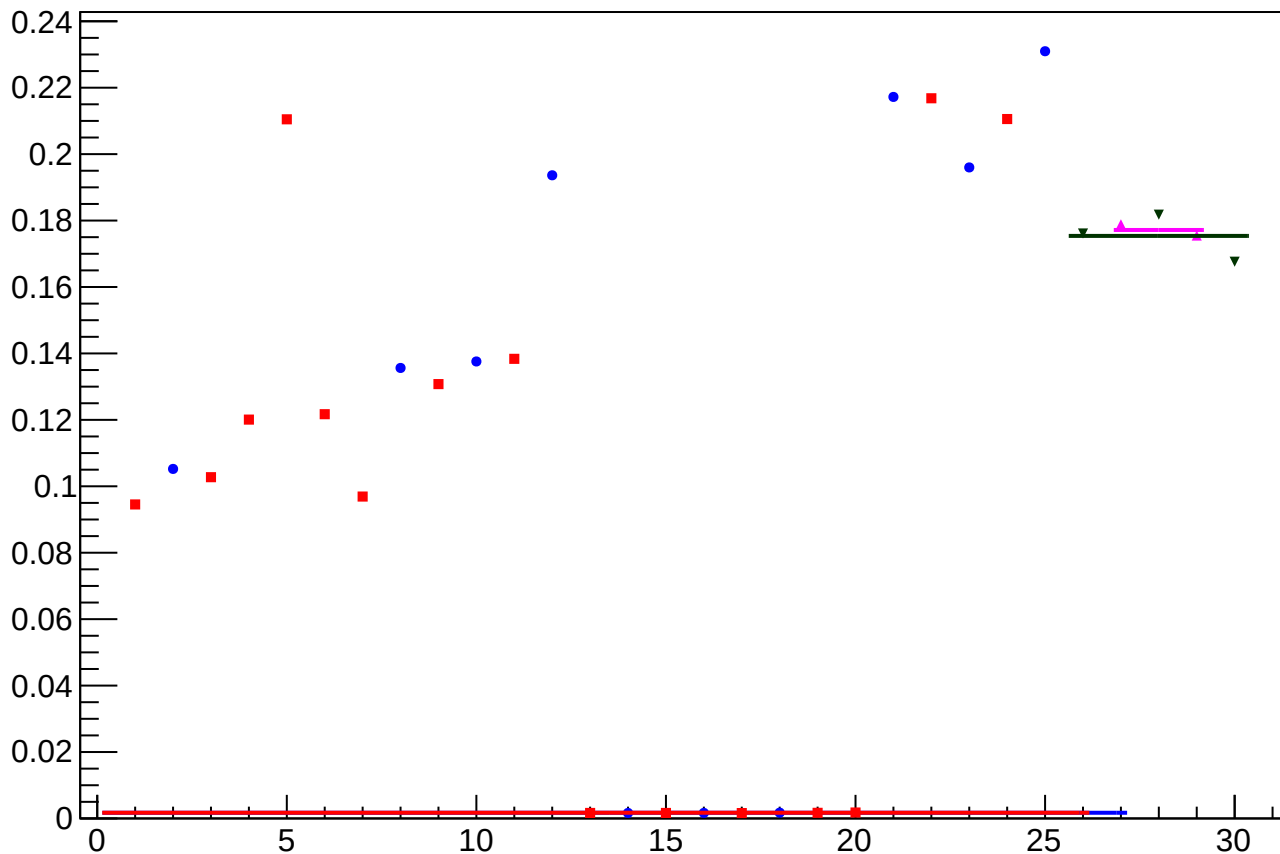
0.687 $\pm$ 0.000 χ^2/NDF : 827990500713.5/12

Right Out: 0.687 $\pm$ 0.000 χ^2/NDF : 705940693511.6/14

0.692 $\pm$ 0.000 χ^2/NDF : 937827628409.6/16

Left In: 67.695 $\pm$ 0.000 χ^2/NDF : 196550007.7/1

yield_bcm_an_ds_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 8203560.6/9

Left Out: 0.175+/-0.000 χ^2/NDF : 3978.7/2

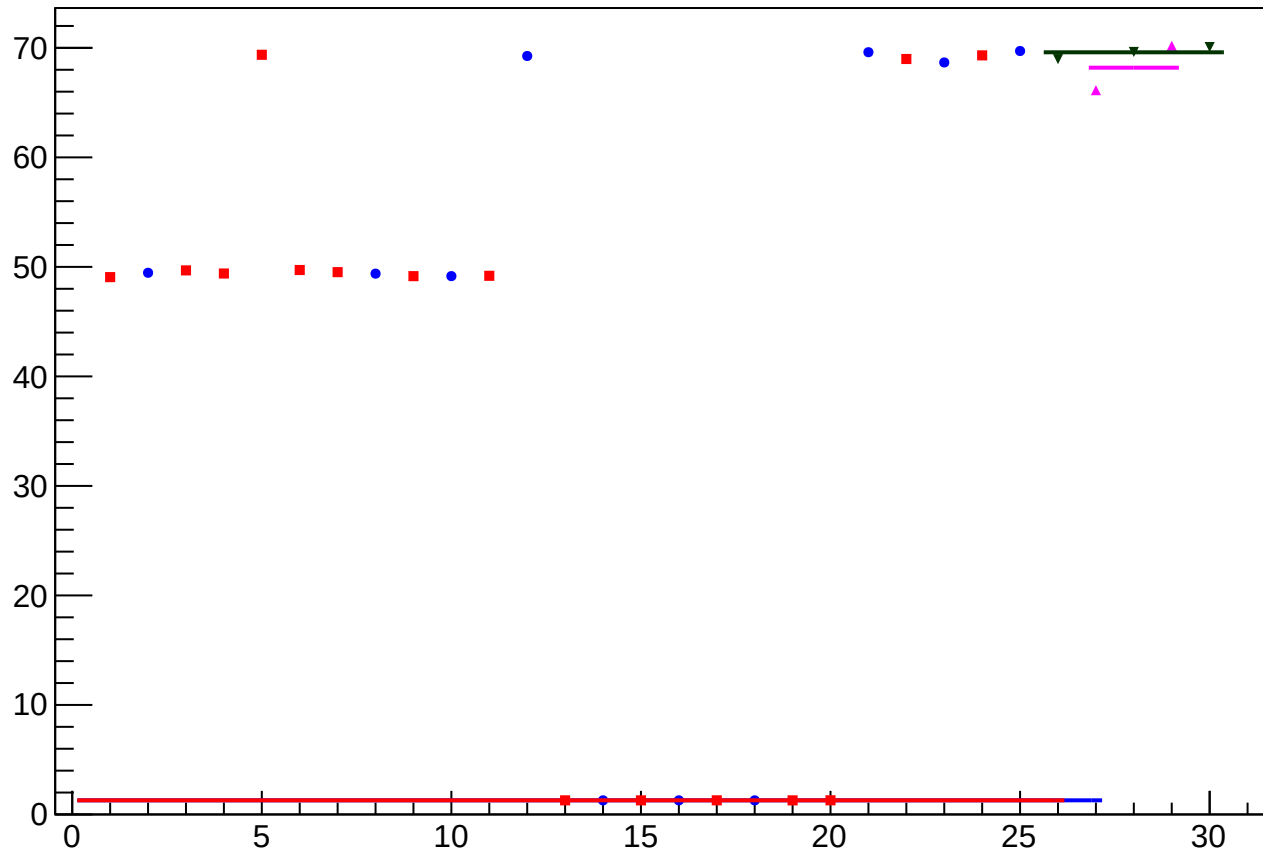
Right Out: 0.002+/-0.000 χ^2/NDF : 8822512.9/14

Left In: 0.177+/-0.000 χ^2/NDF : 297.5/1

0.002+/-0.000 χ^2/NDF : 11514628.4/12

0.002+/-0.000 χ^2/NDF : 11999425.9/16

yield_bcm_an_ds3_mean vs slug



Right In: 1.290+/-0.000 χ^2/NDF : 572125750961.8/9

Left Out: 69.595+/-0.000 χ^2/NDF : 9814916.9/2

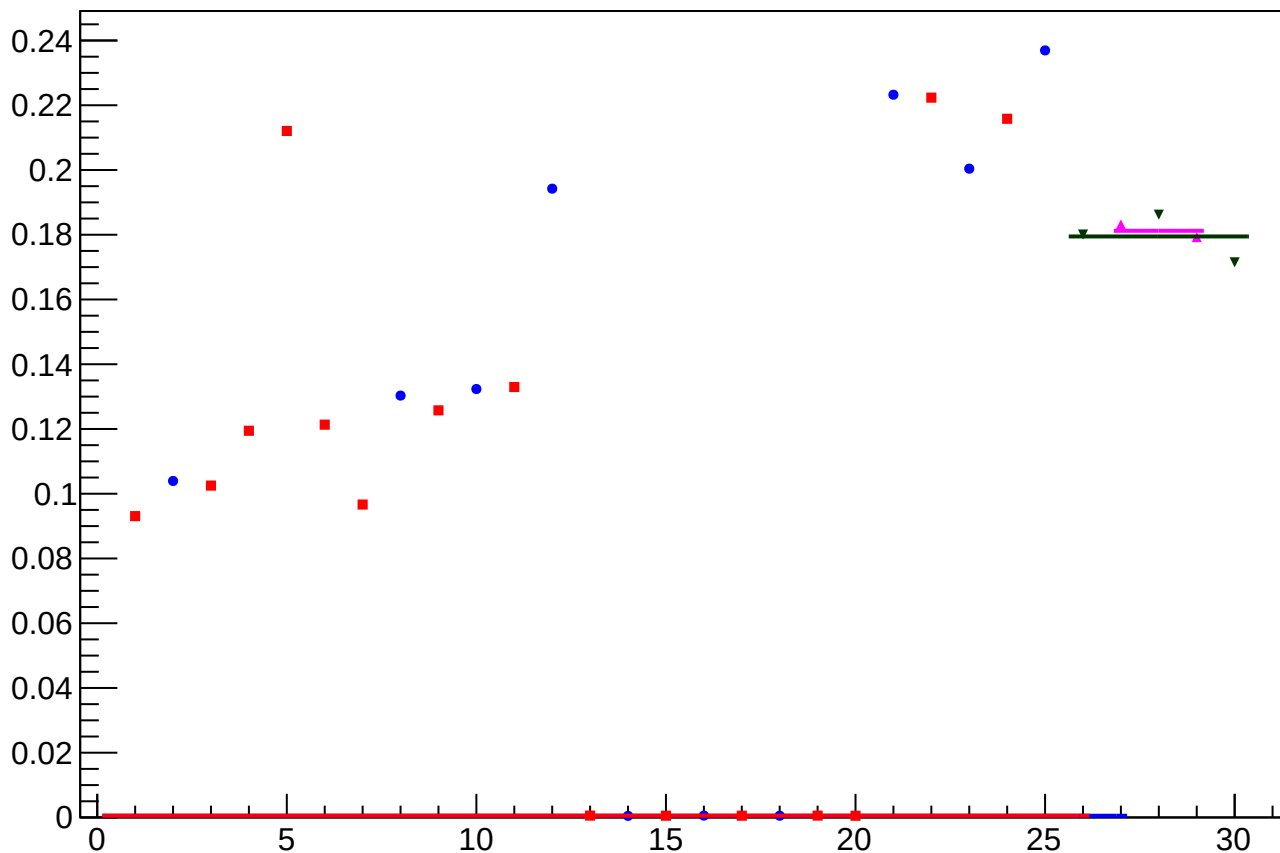
Right Out: 1.291+/-0.000 χ^2/NDF : 703694555249.2/14

Left In: 68.190+/-0.000 χ^2/NDF : 202750343.0/1

1.291+/-0.000 χ^2/NDF : 816366552277.2/12

1.291+/-0.000 χ^2/NDF : 924578827129.4/16

yield_bcm_an_ds3_rms vs slug



Right In: 0.001+/-0.000 χ^2/NDF : 8348463.6/9

Left Out: 0.179+/-0.000 χ^2/NDF :4092.2/2

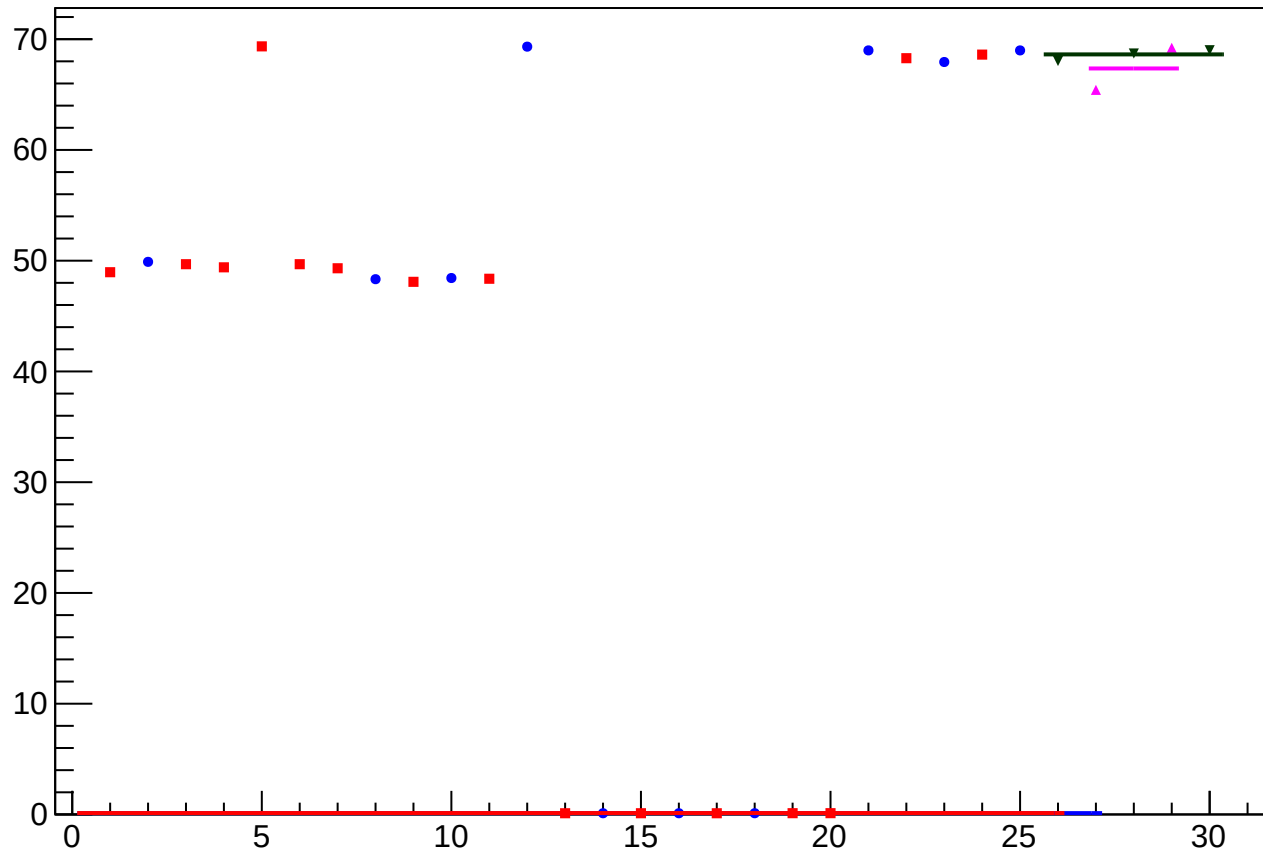
Right Out: 0.001+/-0.000 χ^2/NDF : 8972635.8/14

Left In: 0.181+/-0.000 χ^2/NDF :375.3/1

0.001+/-0.000 χ^2/NDF : 11705038.3/12

0.001+/-0.000 χ^2/NDF : 12191853.8/16

yield_bcm_an_us_mean vs slug



Right In: 0.121+/-0.000 χ^2/NDF : 570522277652.1/9

Left Out: 68.626+/-0.000 χ^2/NDF : 8236789.2/2

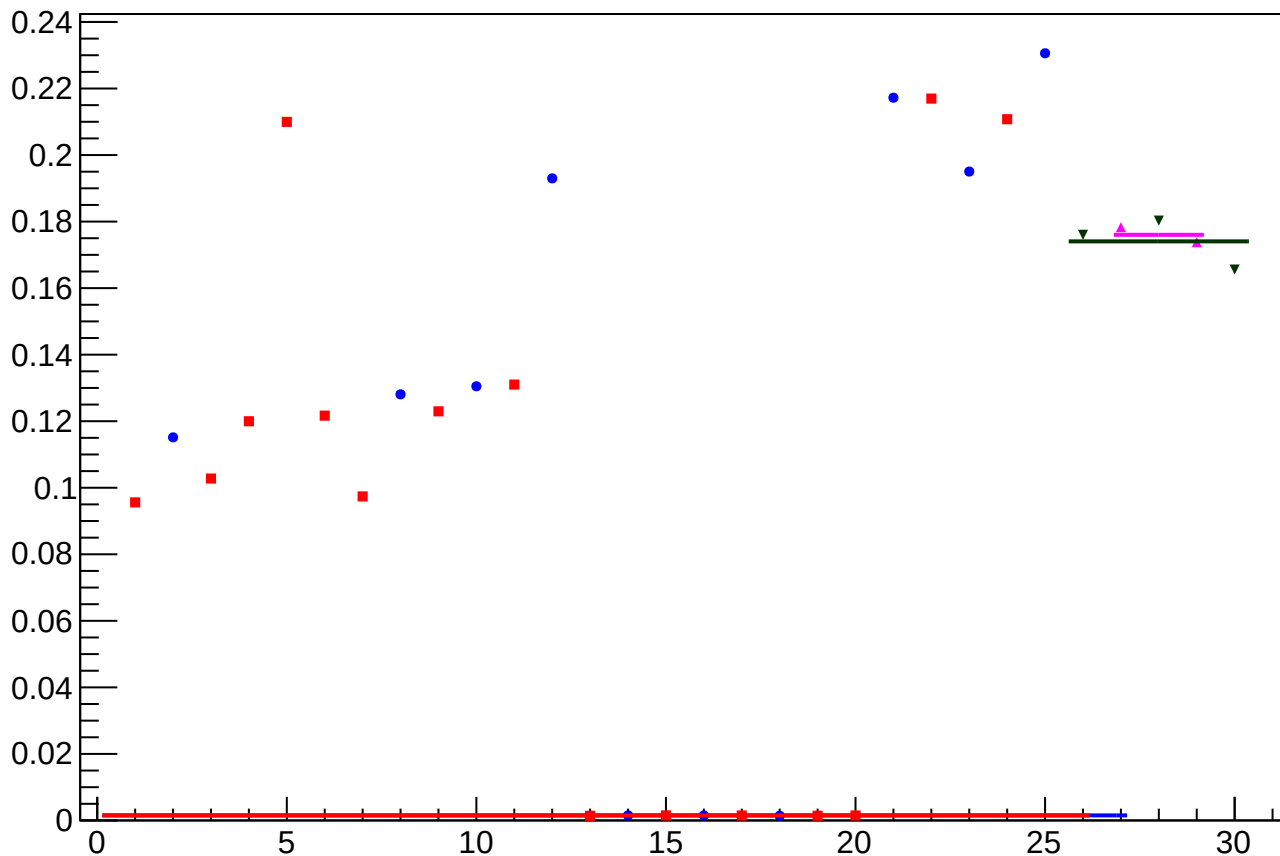
0.125+/-0.000 χ^2/NDF : 830146173127.1/12

Right Out: 0.126+/-0.000 χ^2/NDF : 729855989398.8/14

0.129+/-0.000 χ^2/NDF : 966210223301.9/16

Left In: 67.356+/-0.000 χ^2/NDF : 188521458.2/1

yield_bcm_an_us_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 8217264.4/9

Left Out: 0.174+/-0.000 χ^2/NDF : 4512.8/2

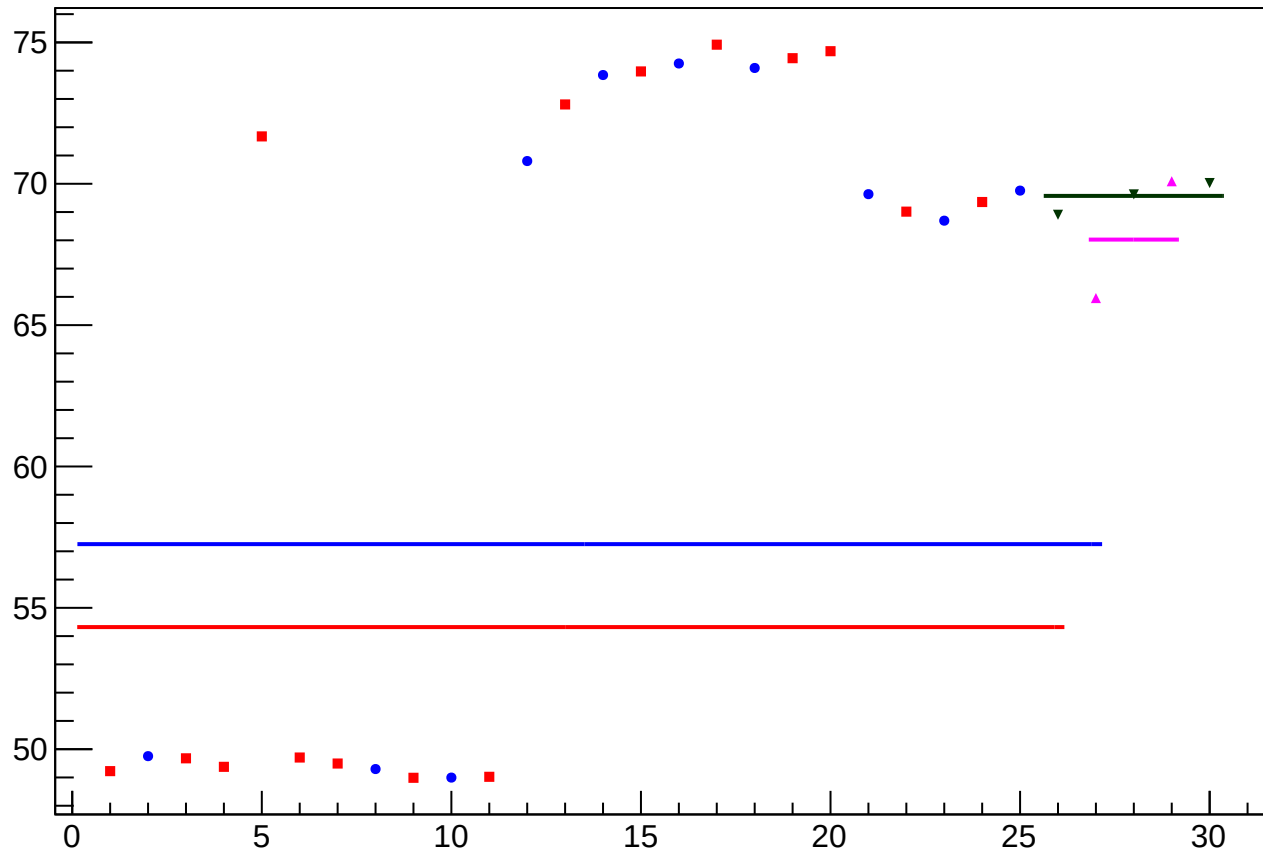
Right Out: 0.002+/-0.000 χ^2/NDF : 8846219.3/14

Left In: 0.176+/-0.000 χ^2/NDF : 536.4/1

0.002+/-0.000 χ^2/NDF : 11515226.2/12

0.002+/-0.000 χ^2/NDF : 12029447.1/16

yield_bcm_dg_us_mean vs slug



Right In: 57.253+/-0.000 χ^2/NDF : 27807418262.9/9

Left Out: 69.571+/-0.000 χ^2/NDF : 9546359.3/2

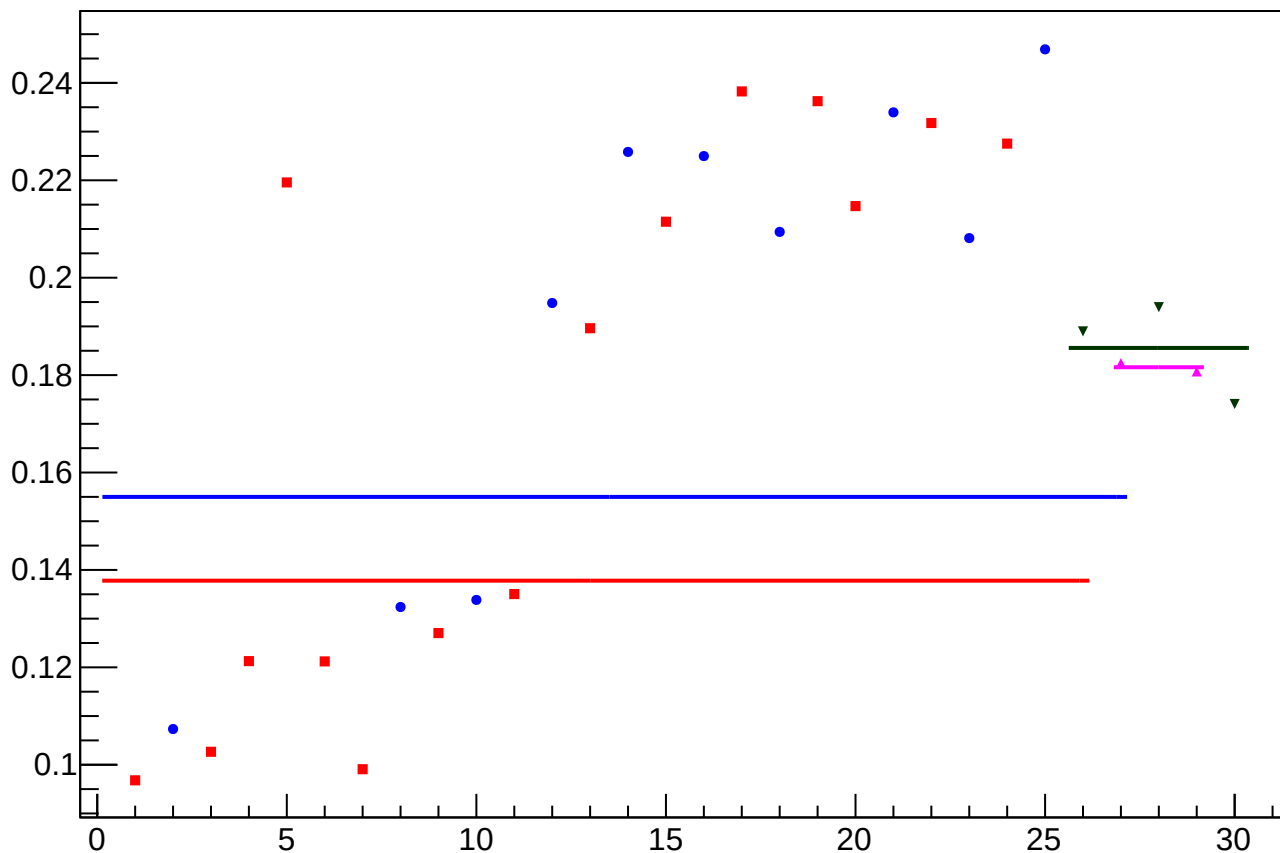
59.359+/-0.000 χ^2/NDF : 33974069151.1/12

Right Out: 54.319+/-0.000 χ^2/NDF : 28724098627.8/14

56.174+/-0.000 χ^2/NDF : 36859458062.8/16

Left In: 68.026+/-0.000 χ^2/NDF : 208271486.1/1

yield_bcm_dg_us_rms vs slug



Right In: 0.155+/-0.000 χ^2/NDF : 1081066.9/9

Left Out: 0.186+/-0.000 χ^2/NDF : 7462.4/2

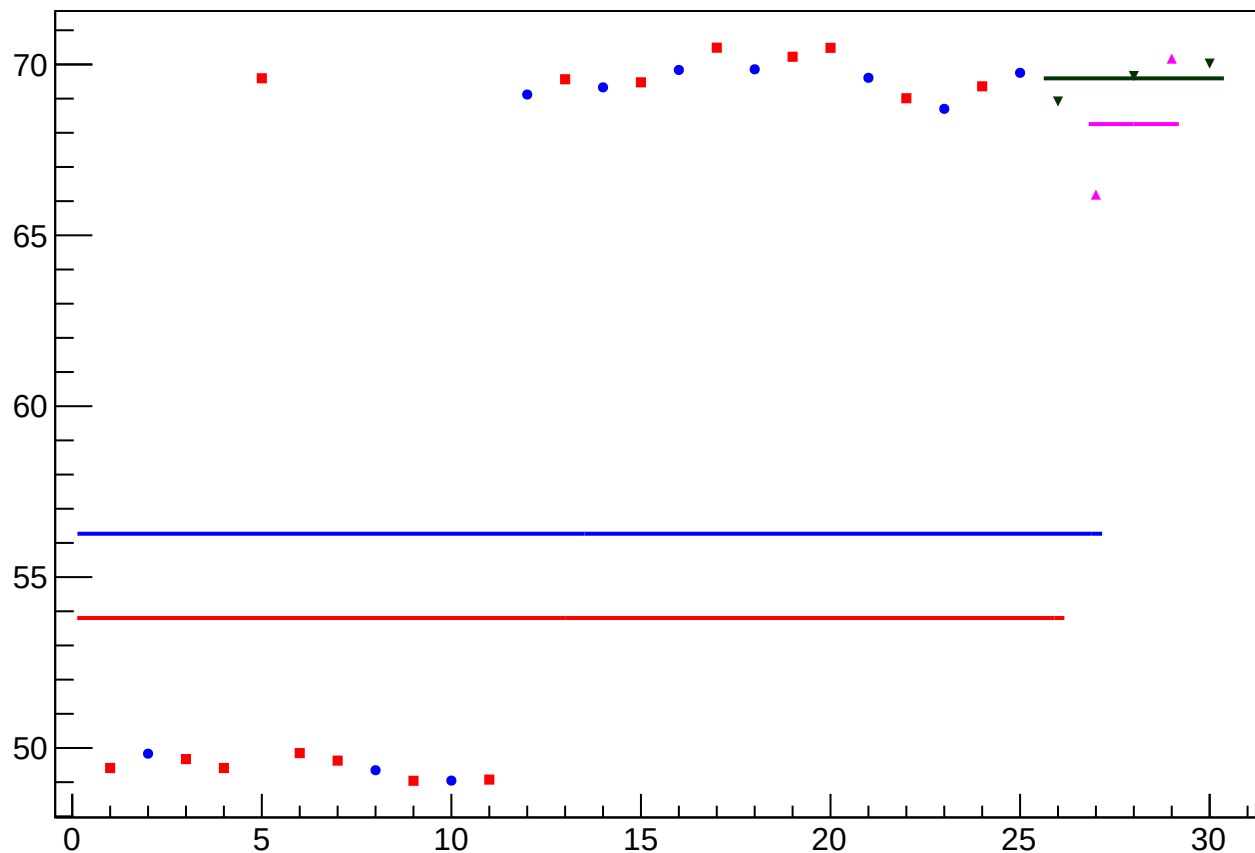
Right Out: 0.138+/-0.000 χ^2/NDF : 1332337.9/14

Left In: 0.182+/-0.000 χ^2/NDF : 72.7/1

0.160+/-0.000 χ^2/NDF : 1164460.6/12

0.144+/-0.000 χ^2/NDF : 1494469.0/16

yield_bcm_dg_ds_mean vs slug



Right In: 56.269+/-0.000 χ^2/NDF : 22402472661.3/9

Left Out: 69.593+/-0.000 χ^2/NDF : 9942643.2/2

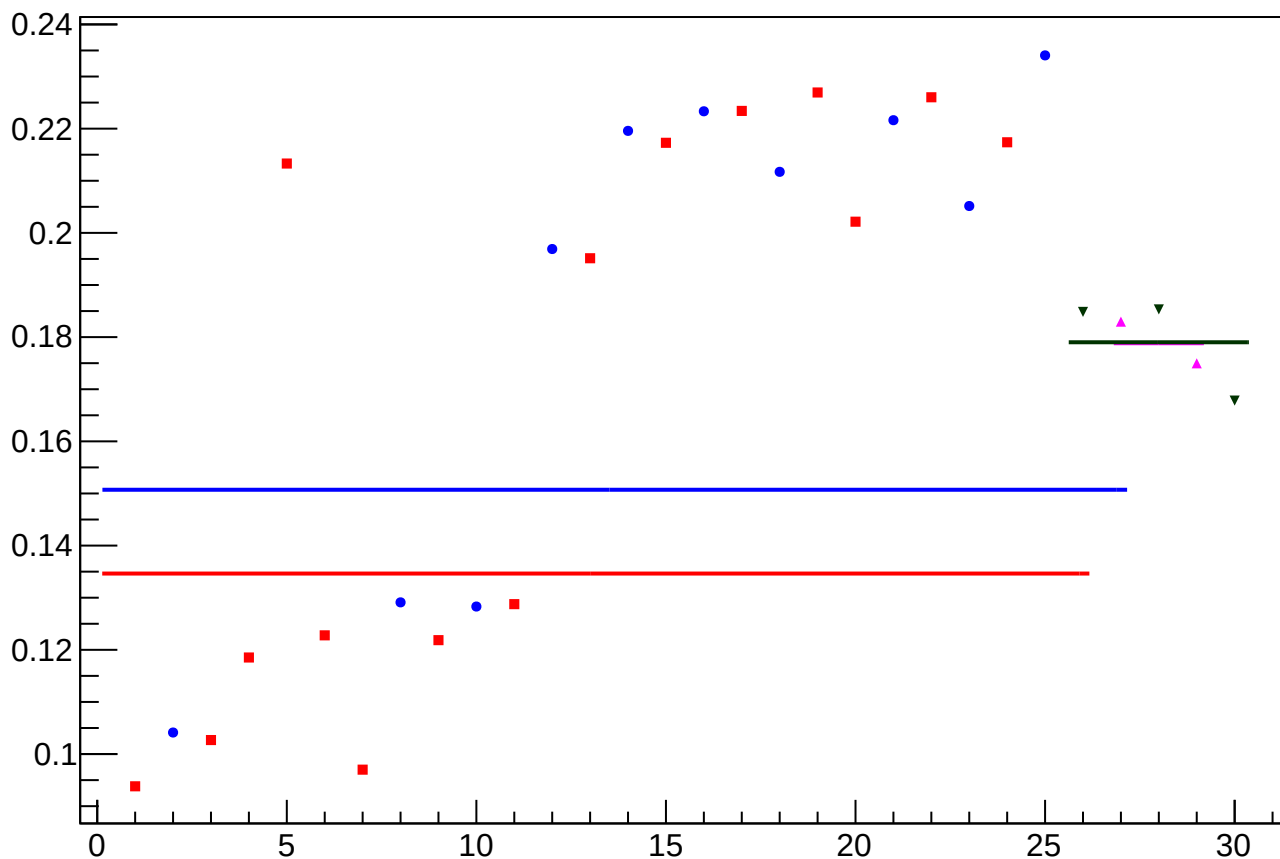
Right Out: 53.803+/-0.000 χ^2/NDF : 22972575074.9/14

Left In: 68.255+/-0.000 χ^2/NDF : 199760677.0/1

58.585+/-0.000 χ^2/NDF : 30134906199.7/12

55.738+/-0.000 χ^2/NDF : 32311486570.5/16

yield_bcm_dg_ds_rms vs slug



Right In: 0.151+/-0.000 χ^2/NDF : 1118558.5/9

Left Out: 0.179+/-0.000 χ^2/NDF : 7204.6/2

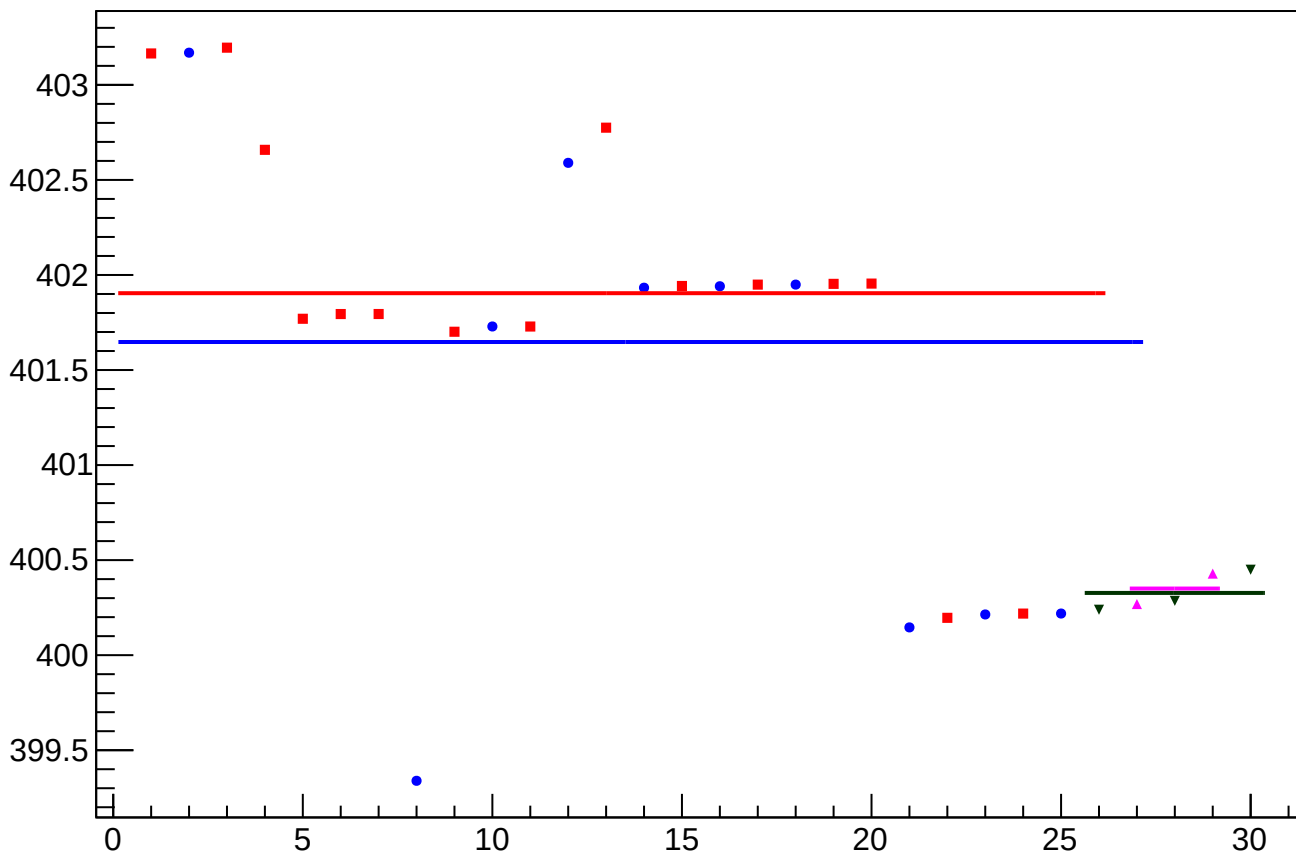
Right Out: 0.135+/-0.000 χ^2/NDF : 1313218.1/14

Left In: 0.179+/-0.000 χ^2/NDF : 1612.5/1

0.156+/-0.000 χ^2/NDF : 1195444.7/12

0.141+/-0.000 χ^2/NDF : 1485697.8/16

yield_cav4bQ_mean vs slug



Right In: 401.647+/-0.000 χ^2/NDF : 193081510396.8/9

Left Out: 400.327+/-0.000 χ^2/NDF : 280167450.3/2

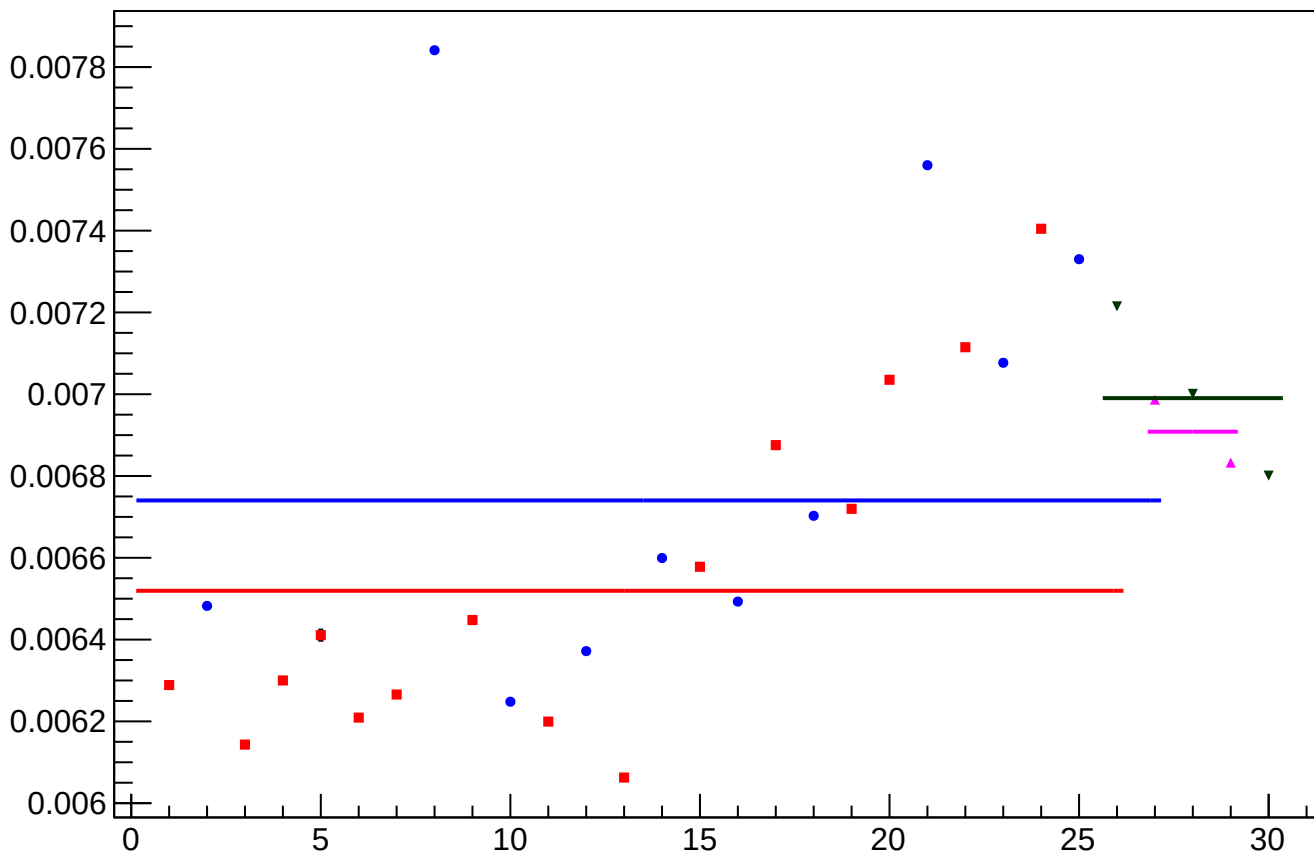
401.381+/-0.000 χ^2/NDF : 244490830619.4/12

Right Out: 401.904+/-0.000 χ^2/NDF : 119861003652.0/14

401.630+/-0.000 χ^2/NDF : 191110217528.1/16

Left In: 400.350+/-0.000 χ^2/NDF : 228589889.7/1

yield_cav4bQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 71845.9/9

Left Out: 0.007+/-0.000 χ^2/NDF :1822.9/2

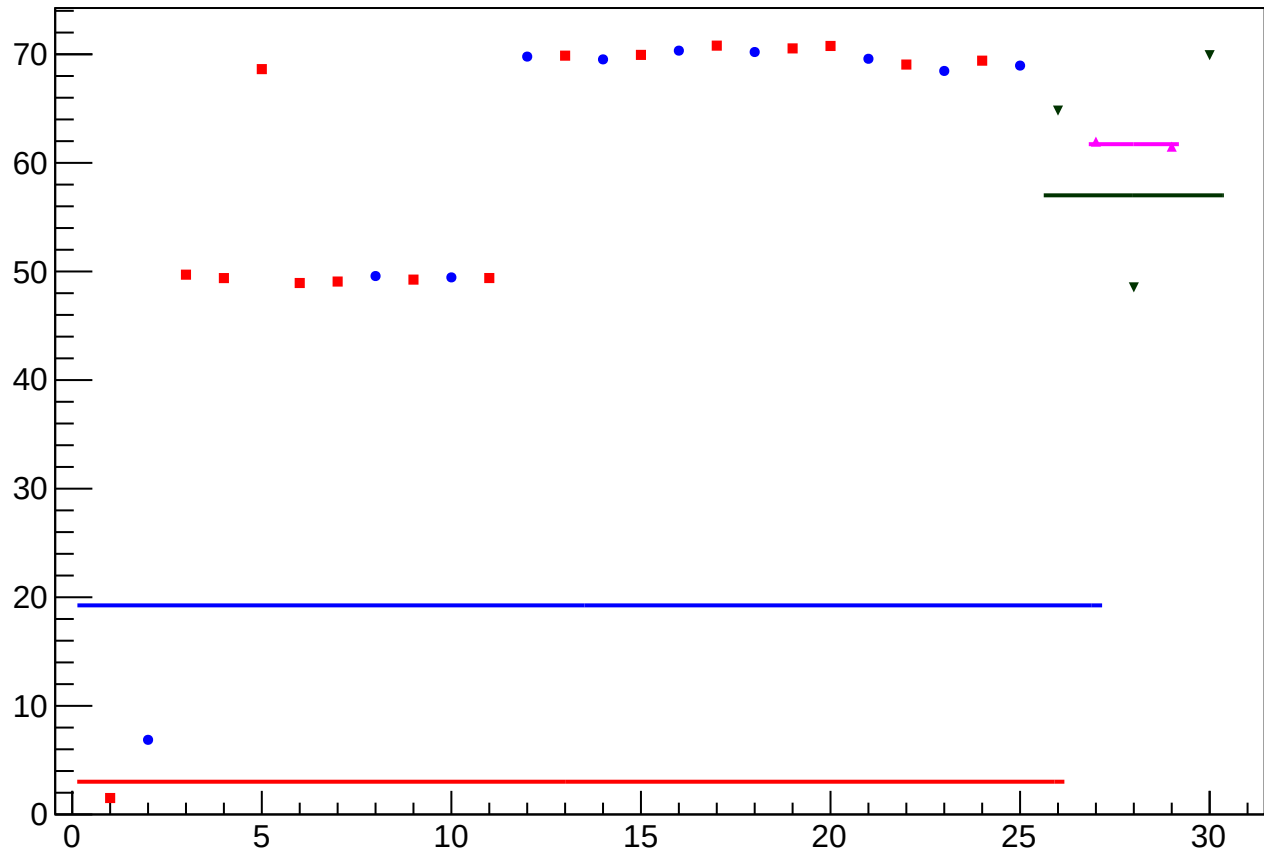
Right Out: 0.007+/-0.000 χ^2/NDF : 49340.0/14

Left In: 0.007+/-0.000 χ^2/NDF :423.2/1

0.007+/-0.000 χ^2/NDF : 77342.2/12

0.007+/-0.000 χ^2/NDF : 58668.6/16

yield_cav4cQ_mean vs slug



Right In: 19.253+/-0.000 χ^2/NDF : 275310451234.1/9

Left Out: 57.011+/-0.000 χ^2/NDF : 4339168659.5/2

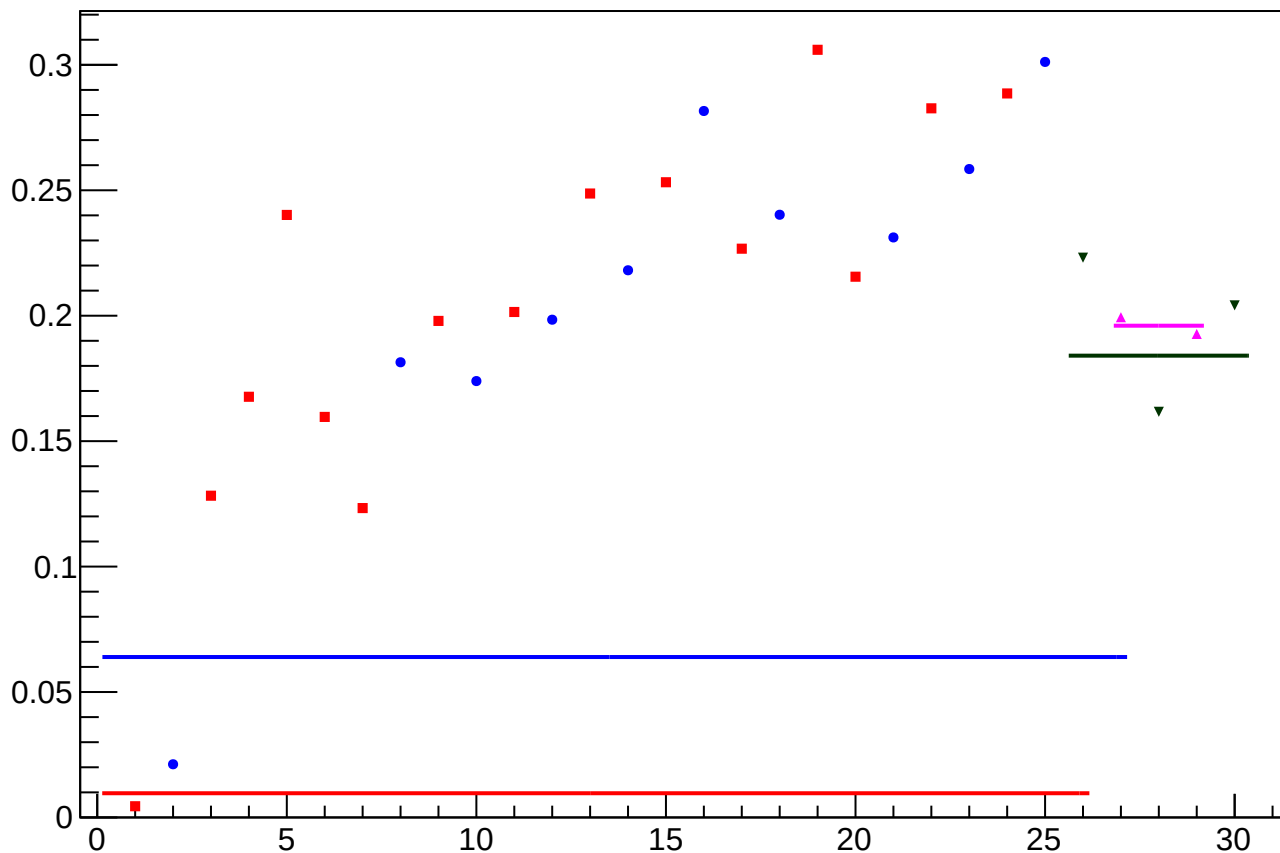
22.448+/-0.000 χ^2/NDF : 340196555856.3/12

Right Out: 3.015+/-0.000 χ^2/NDF : 427244469102.0/14

3.445+/-0.000 χ^2/NDF : 558255755833.8/16

Left In: 61.722+/-0.000 χ^2/NDF : 2090333.8/1

yield_cav4cQ_rms vs slug



Right In: 0.064+/-0.000 χ^2/NDF : 6575119.6/9

Left Out: 0.184+/-0.000 χ^2/NDF :62308.1/2

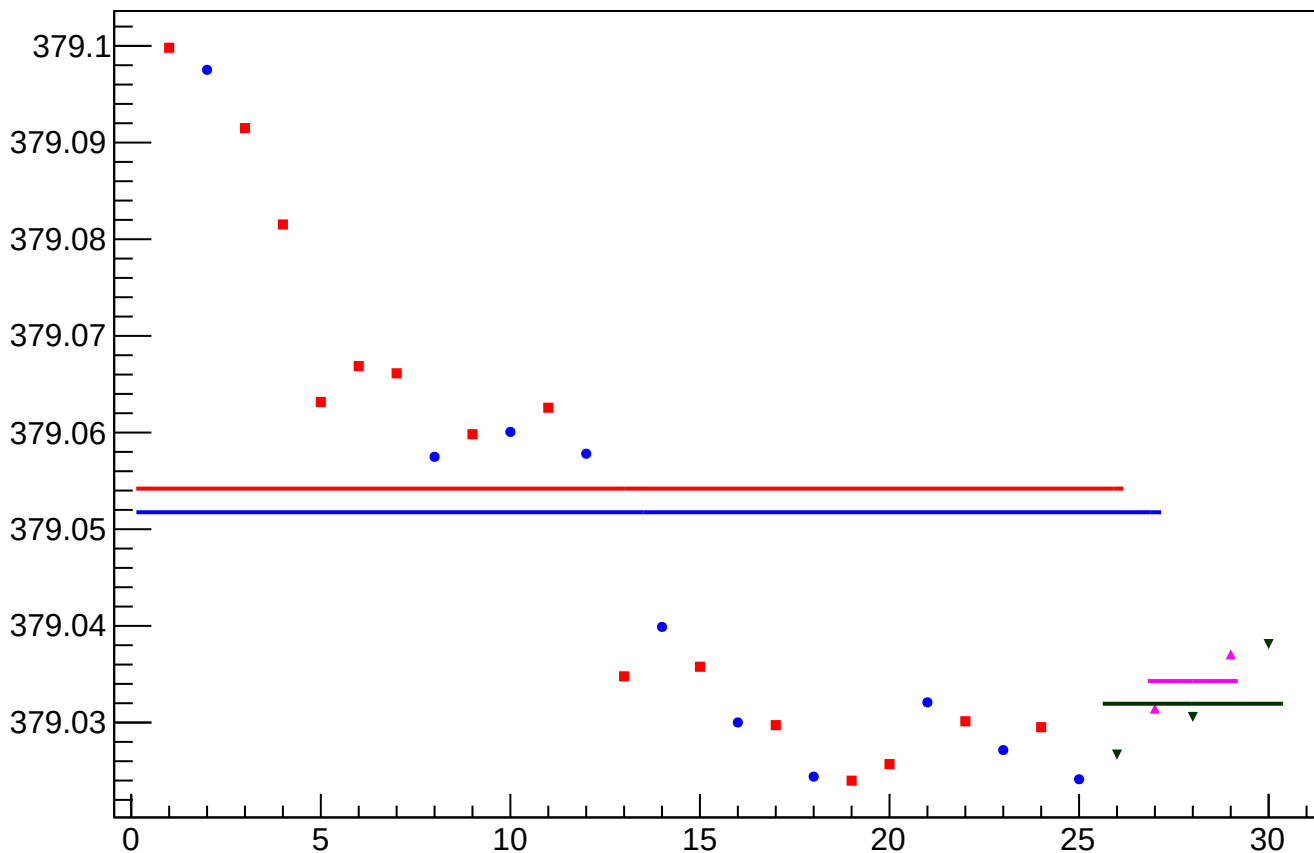
Right Out: 0.010+/-0.000 χ^2/NDF : 10666260.9/14

Left In: 0.196+/-0.000 χ^2/NDF :849.3/1

0.074+/-0.000 χ^2/NDF : 7863129.4/12

0.011+/-0.000 χ^2/NDF : 13307571.2/16

yield_cav4dQ_mean vs slug



Right In: 379.052 $\pm$ 0.000 χ^2 /NDF: 85009405.4/9

Left Out: 379.032 $\pm$ 0.000 χ^2 /NDF: 778160.4/2

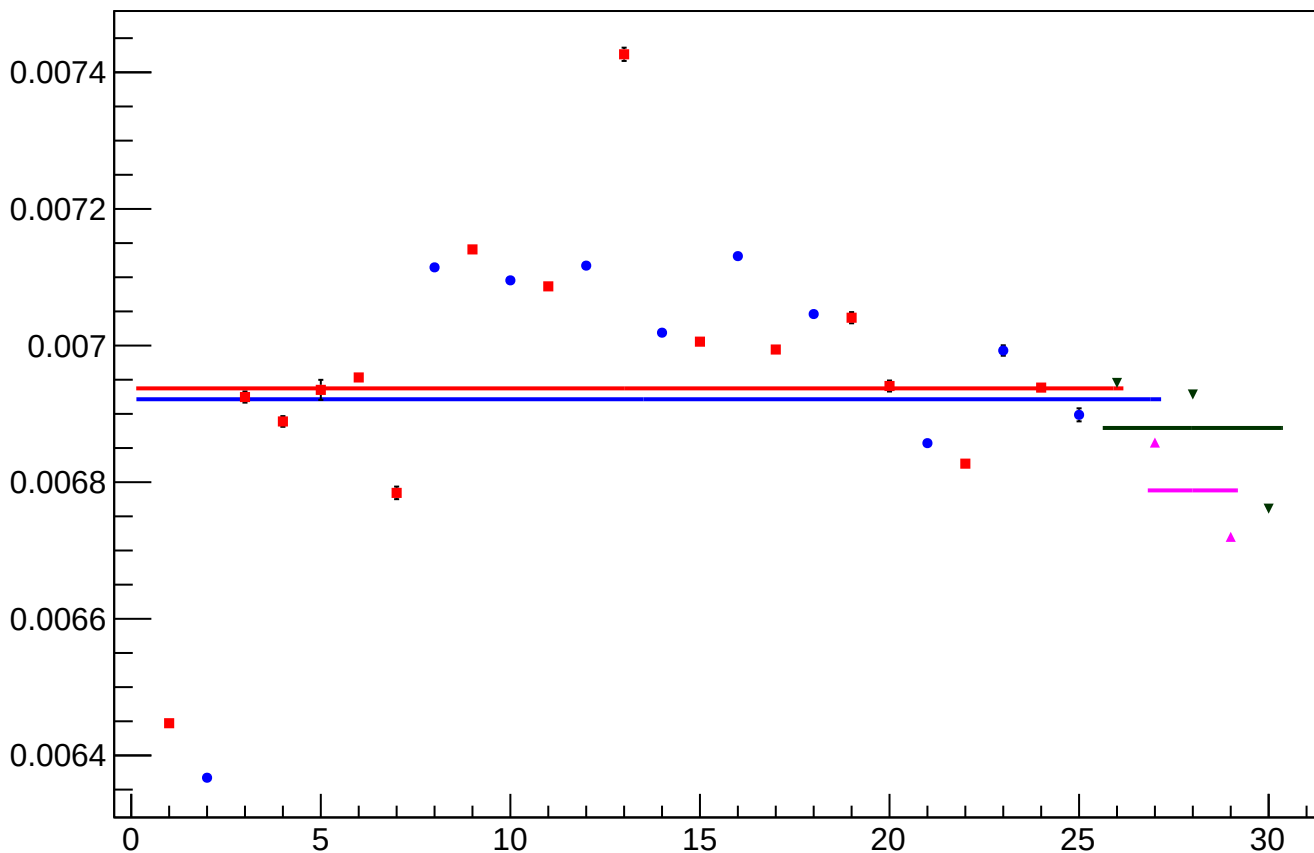
379.048 $\pm$ 0.000 χ^2 /NDF: 97517053.1/12

Right Out: 379.054 $\pm$ 0.000 χ^2 /NDF: 92567114.9/14

379.050 $\pm$ 0.000 χ^2 /NDF: 104608067.8/16

Left In: 379.034 $\pm$ 0.000 χ^2 /NDF: 291311.6/1

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 20176.7/9

Left Out: 0.007+/-0.000 χ^2/NDF : 504.4/2

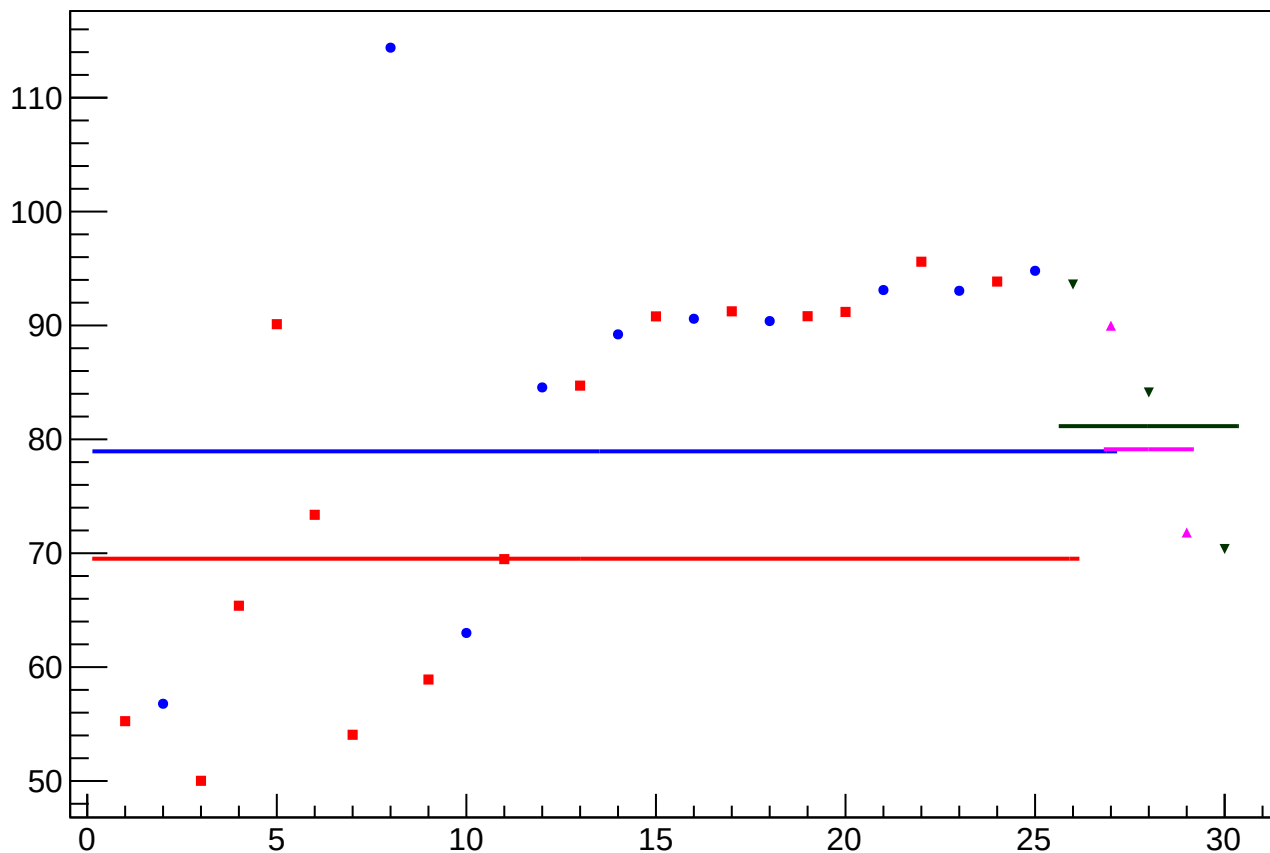
Right Out: 0.007+/-0.000 χ^2/NDF : 12660.2/14

Left In: 0.007+/-0.000 χ^2/NDF : 352.9/1

0.007+/-0.000 χ^2/NDF : 20786.8/12

0.007+/-0.000 χ^2/NDF : 14335.8/16

yield_bcm0l02_mean vs slug



Right In: 78.946+/-0.000 χ^2/NDF : 23938450537.3/9

Left Out: 81.159+/-0.000 χ^2/NDF :1933120228.8/2

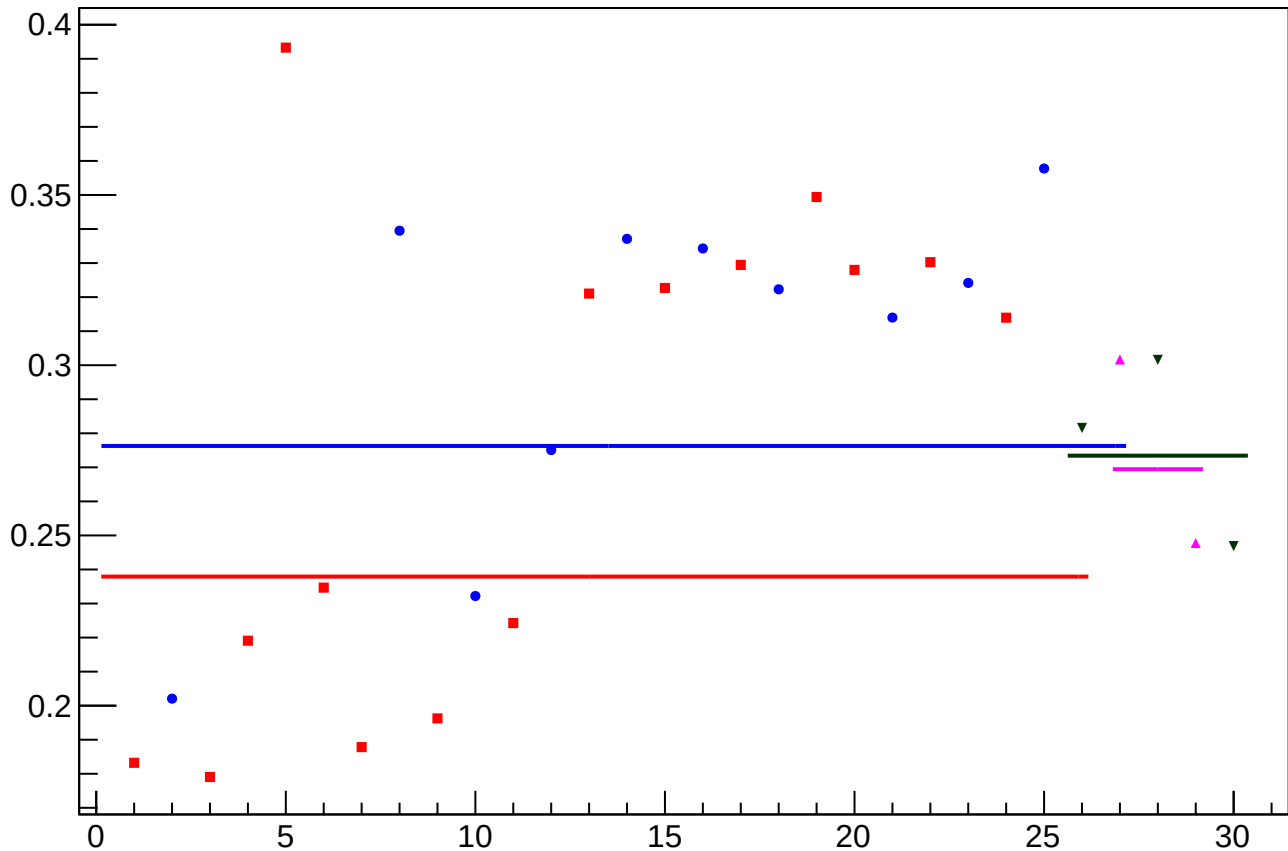
Right Out: 69.519+/-0.000 χ^2/NDF : 24402295397.7/14

Left In: 79.127+/-0.000 χ^2/NDF :1688776754.6/1

79.429+/-0.000 χ^2/NDF : 25950023386.4/12

71.173+/-0.000 χ^2/NDF : 27718722756.5/16

yield_bcm0l02_rms vs slug



Right In: 0.276+/-0.000 χ^2/NDF : 462303.1/9

Left Out: 0.273+/-0.000 χ^2/NDF :22556.9/2

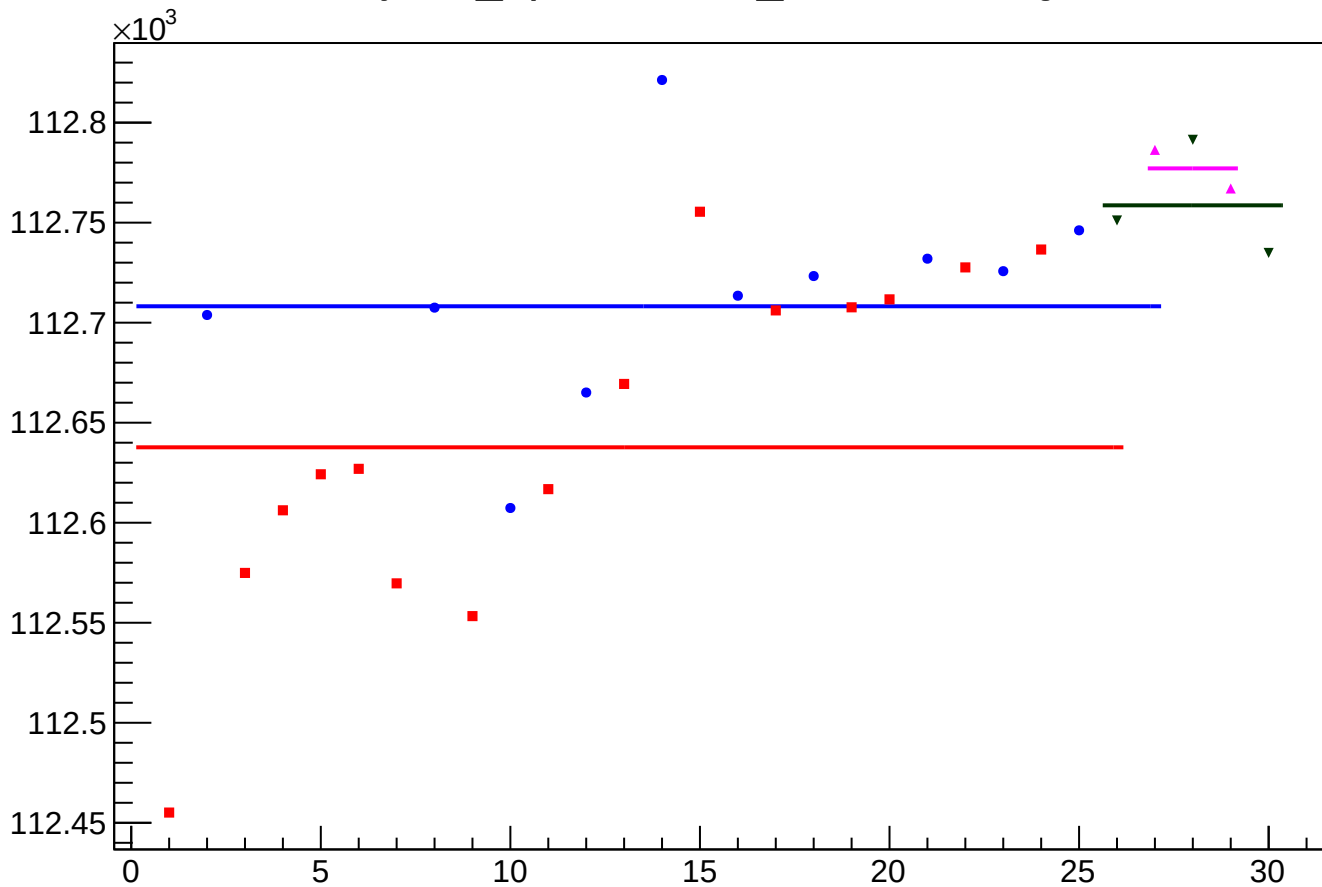
0.276+/-0.000 χ^2/NDF : 485121.9/12

Right Out: 0.238+/-0.000 χ^2/NDF : 727506.5/14

0.243+/-0.000 χ^2/NDF : 792385.2/16

Left In: 0.269+/-0.000 χ^2/NDF :29767.3/1

yield_bpm2i01WS_mean vs slug



Right In: 112708.198 ± 0.041 χ^2/NDF : 1305538.4/9

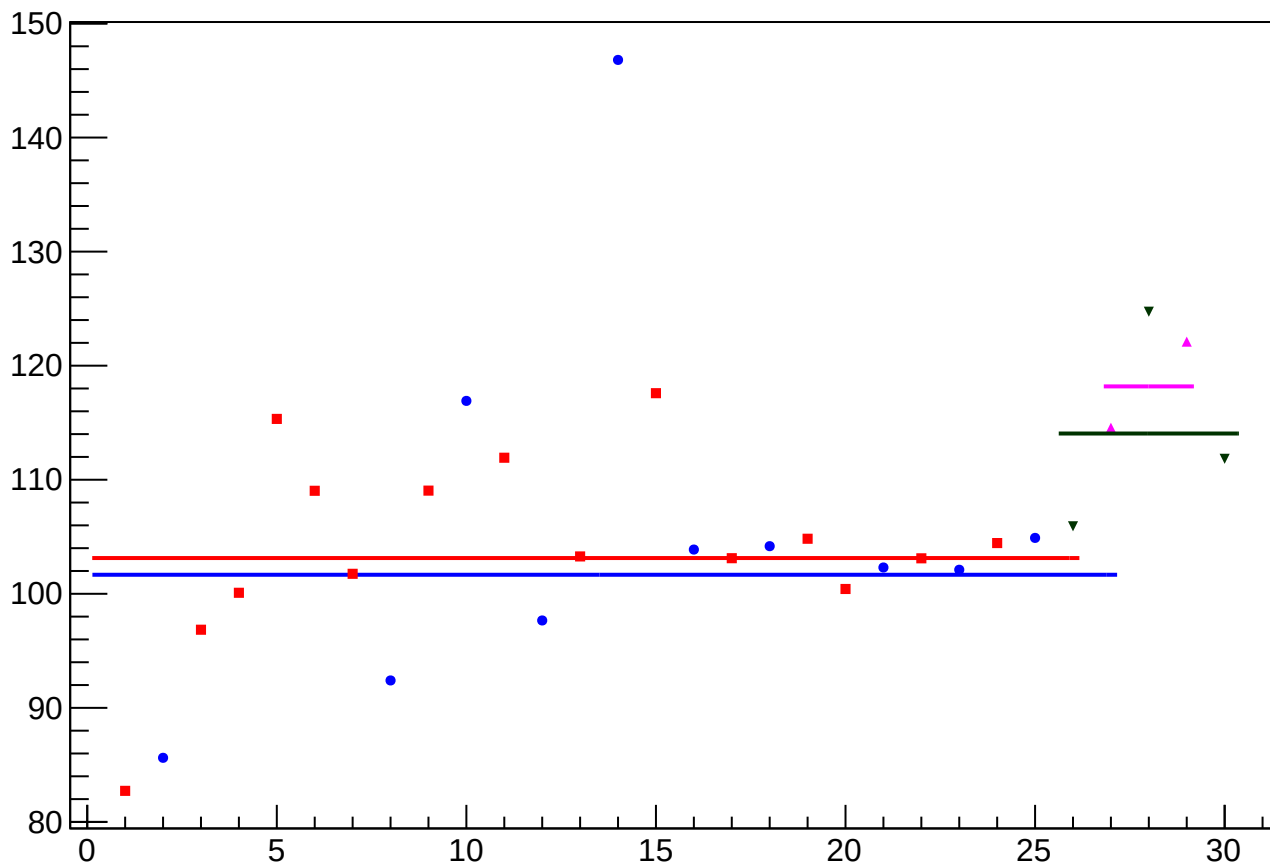
Left Out: 112637.696 ± 0.040 χ^2/NDF : 5249691.2/14

112717.024 ± 0.037 χ^2/NDF : 1647506.9/12

112659.549 ± 0.037 χ^2/NDF : 7120777.3/16

Left In: 112777.119 ± 0.094 χ^2/NDF : 10550.1/1

yield_bpm2i01WS_rms vs slug



Right In: 101.669+/-0.029 χ^2/NDF : 280613.3/9

Left Out: 114.052+/-0.062 χ^2/NDF :15625.4/2

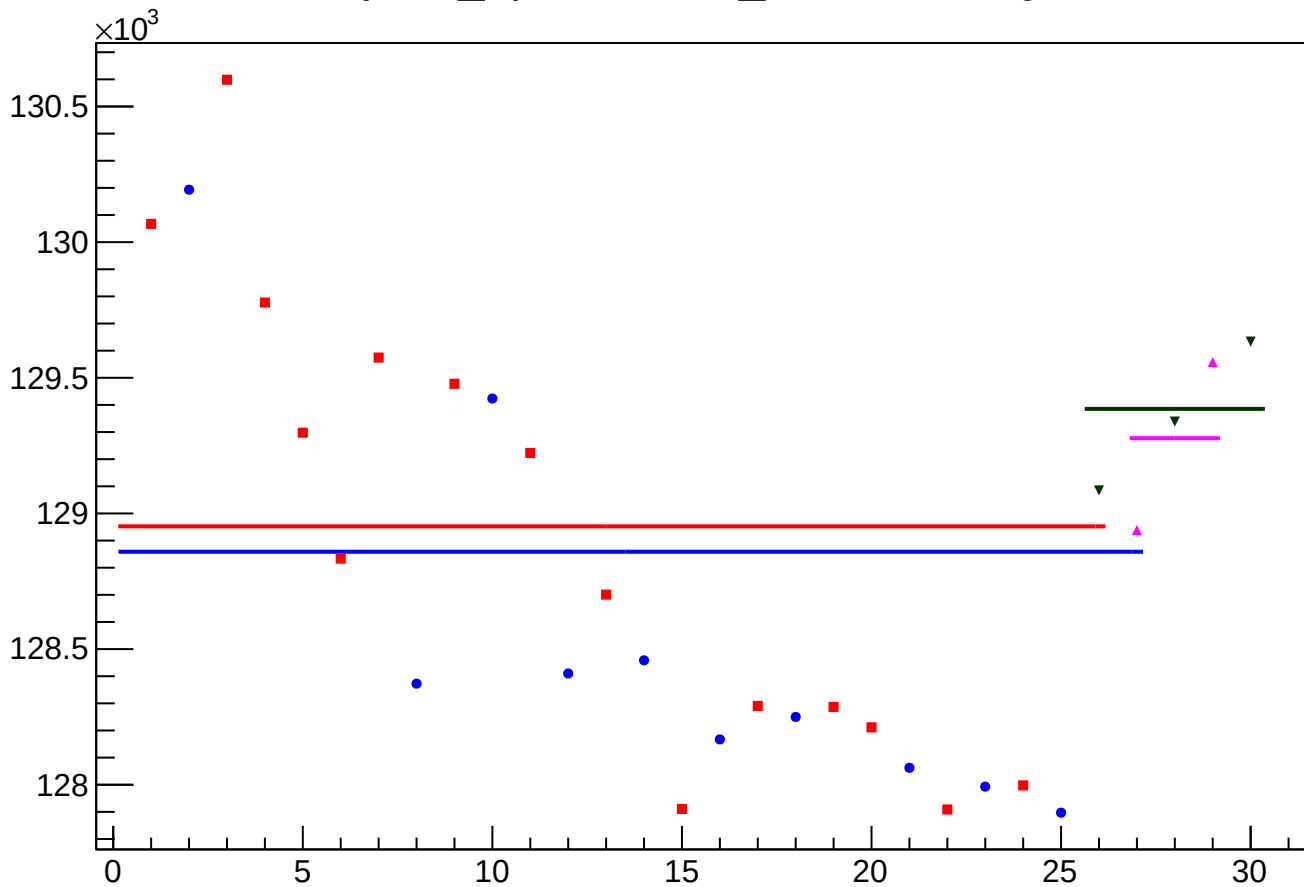
Right Out: 103.135+/-0.029 χ^2/NDF : 98331.4/14

Left In: 118.183+/-0.066 χ^2/NDF :3227.7/1

103.835+/-0.026 χ^2/NDF : 328747.2/12

105.493+/-0.026 χ^2/NDF : 144905.7/16

yield_bpm0i07WS_mean vs slug



Right In: 128858.889 $\pm$ 0.065 χ^2 /NDF: 159598184.7/9

Left Out: 129385.415 $\pm$ 0.158 χ^2 /NDF: 1816205.2/2

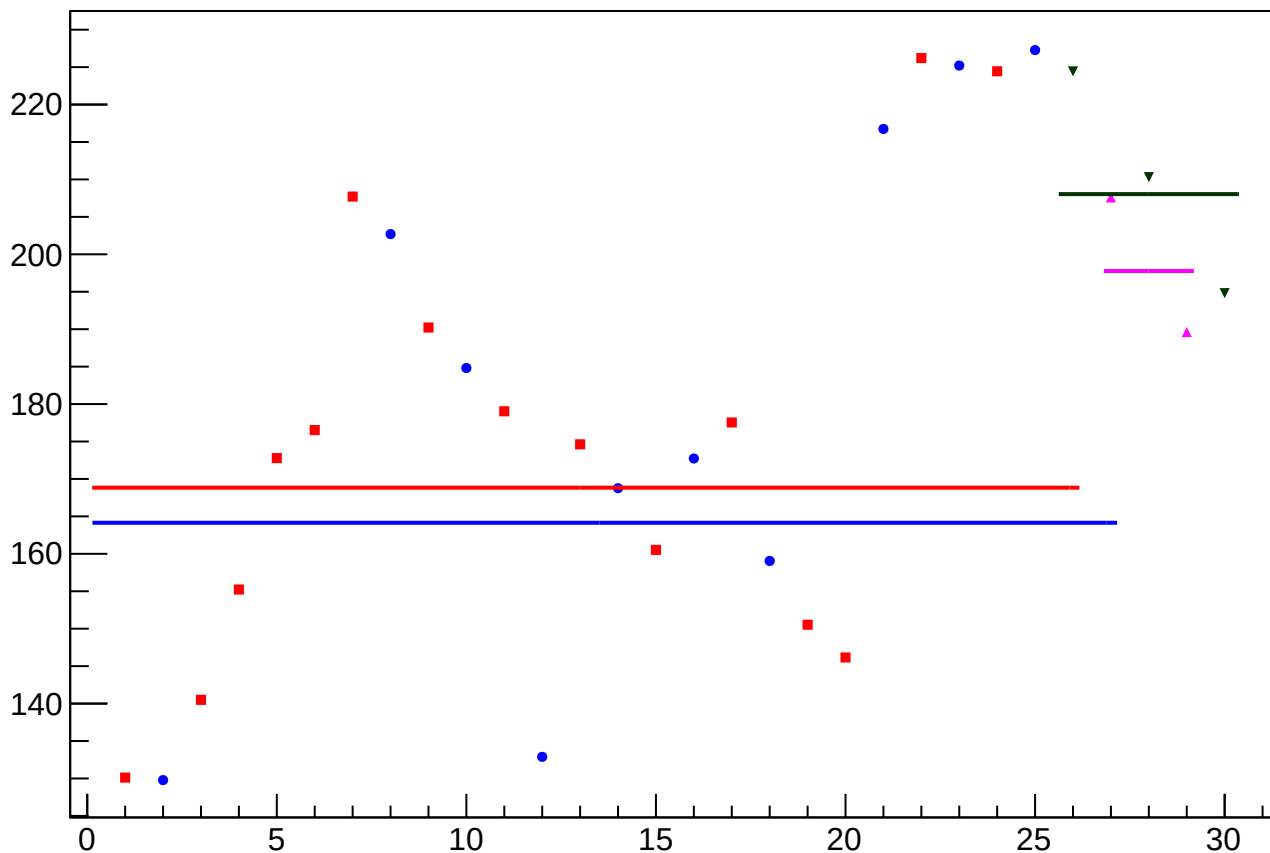
128935.742 $\pm$ 0.061 χ^2 /NDF: 170846422.5/12

Right Out: 128952.474 $\pm$ 0.066 χ^2 /NDF: 161001142.4/14

129004.092 $\pm$ 0.061 χ^2 /NDF: 168939264.8/16

Left In: 129277.308 $\pm$ 0.152 χ^2 /NDF: 4104900.2/1

yield_bpm0i07WS_rms vs slug



Right In: 164.149 $\pm$ 0.046 χ^2 /NDF: 454584.0/9

Left Out: 208.040 $\pm$ 0.112 χ^2 /NDF:10522.0/2

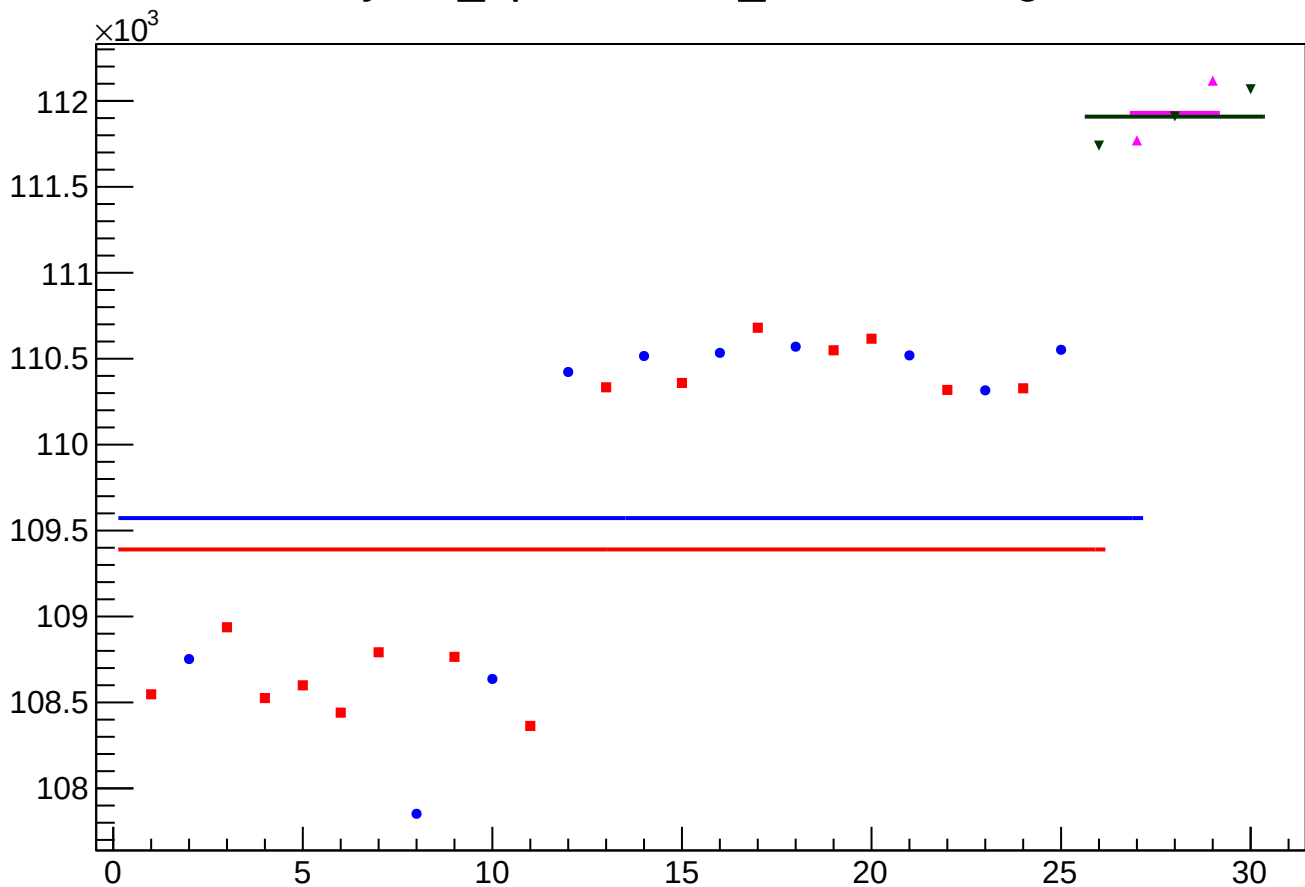
Right Out: 168.836 $\pm$ 0.047 χ^2 /NDF: 342235.2/14

Left In: 197.773 $\pm$ 0.108 χ^2 /NDF:6916.6/1

170.555 $\pm$ 0.043 χ^2 /NDF: 596190.3/12

173.434 $\pm$ 0.043 χ^2 /NDF: 409990.3/16

yield_bpm0l01WS_mean vs slug



Right In: 109572.626 $\pm$ 0.044 χ^2 /NDF: 569623277.8/9

Left Out: 111908.577 $\pm$ 0.085 χ^2 /NDF: 2291228.7/2

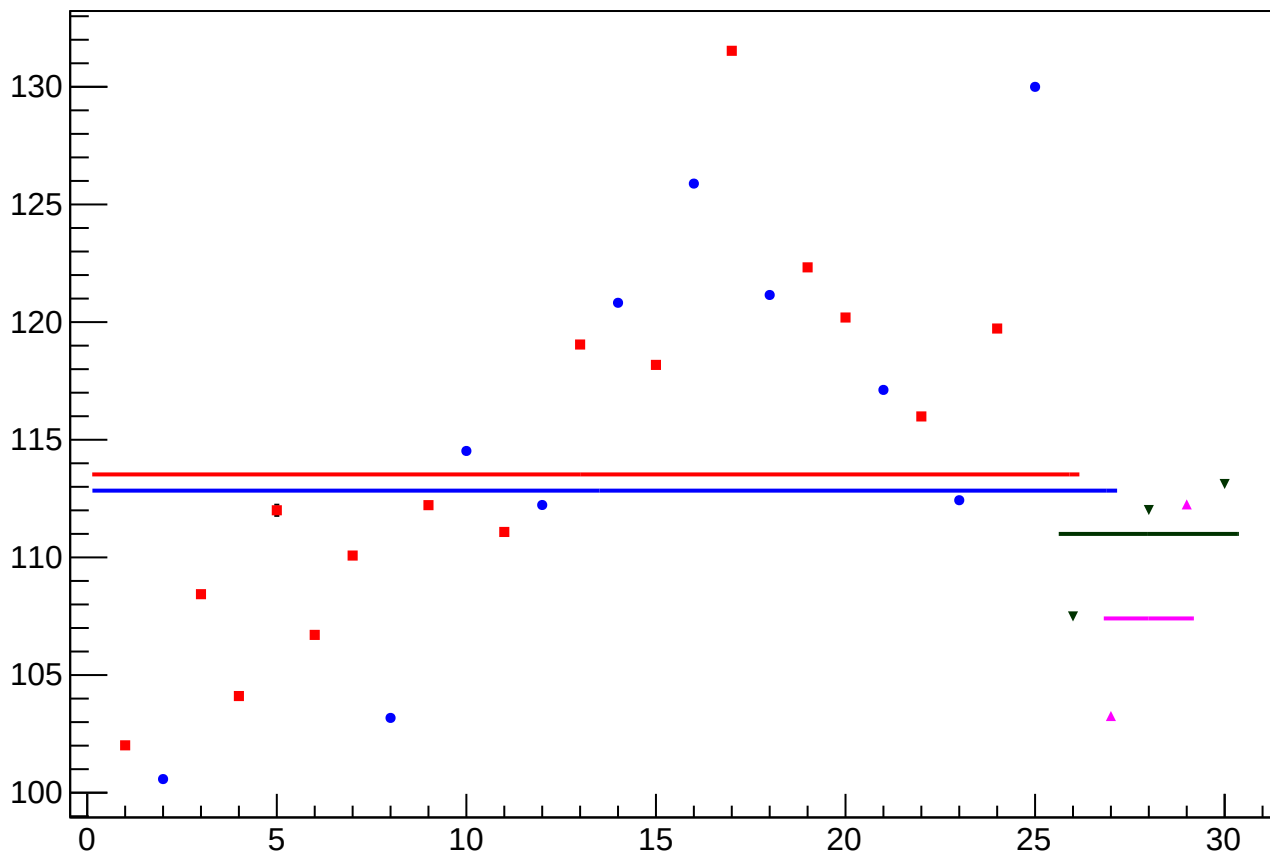
110071.897 $\pm$ 0.039 χ^2 /NDF: 1165031202.2/12

Right Out: 109390.107 $\pm$ 0.044 χ^2 /NDF: 447328417.3/14

109950.366 $\pm$ 0.039 χ^2 /NDF: 1185765549.7/16

Left In: 111930.401 $\pm$ 0.083 χ^2 /NDF: 4379931.3/1

yield_bpm0l01WS_rms vs slug



Right In: 112.838 ± 0.031 χ^2/NDF : 78341.9/9

Left Out: 110.998 ± 0.060 χ^2/NDF : 1526.5/2

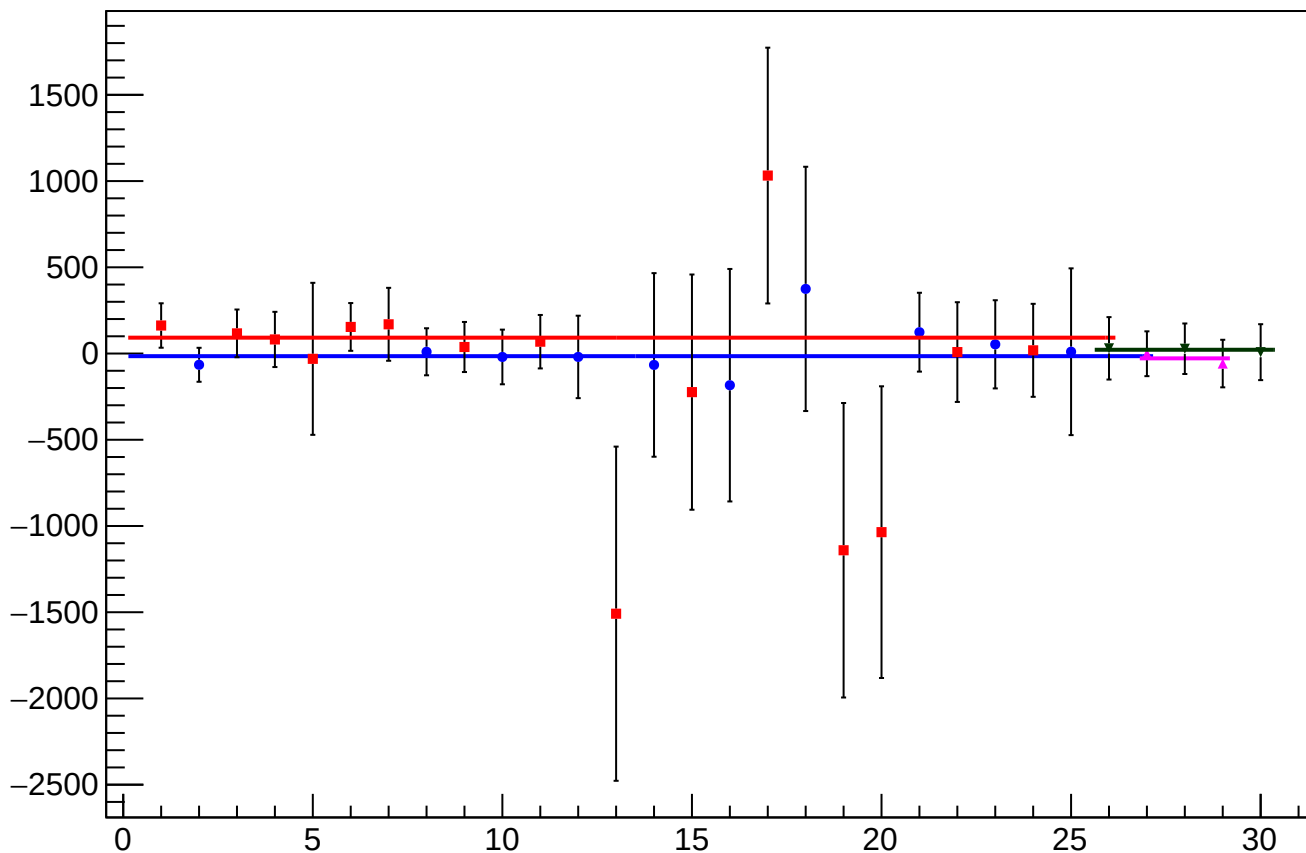
Right Out: 113.527 ± 0.031 χ^2/NDF : 56182.9/14

Left In: 107.406 ± 0.059 χ^2/NDF : 5866.4/1

112.445 ± 0.028 χ^2/NDF : 80603.9/12

112.177 ± 0.027 χ^2/NDF : 70572.6/16

asym_bcm_an_ds_mean vs slug



Right In: -15.269 ± 61.945 $\chi^2/\text{NDF}: 1.1/9$

Left Out: 21.858 ± 93.181 $\chi^2/\text{NDF}: 0.0/2$

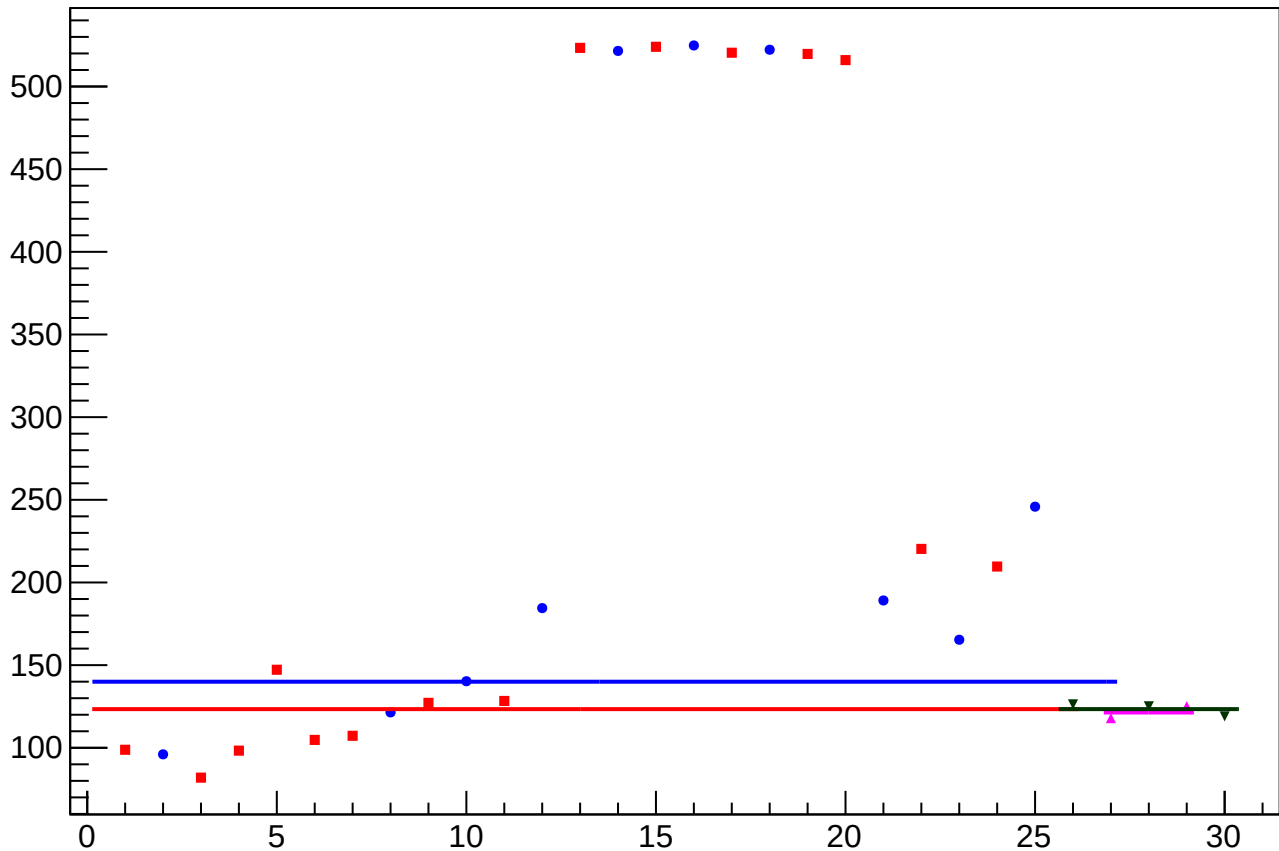
Right Out: 92.009 ± 53.169 $\chi^2/\text{NDF}: 9.5/14$

Left In: -27.997 ± 94.561 $\chi^2/\text{NDF}: 0.1/1$

-3.890 ± 51.586 $\chi^2/\text{NDF}: 1.2/12$

63.183 ± 46.345 $\chi^2/\text{NDF}: 10.8/16$

asym_bcm_an_ds_rms vs slug



Right In: 139.981+/-0.044 χ^2/NDF : 2974927.7/9

Left Out: 123.403+/-0.066 χ^2/NDF :2237.9/2

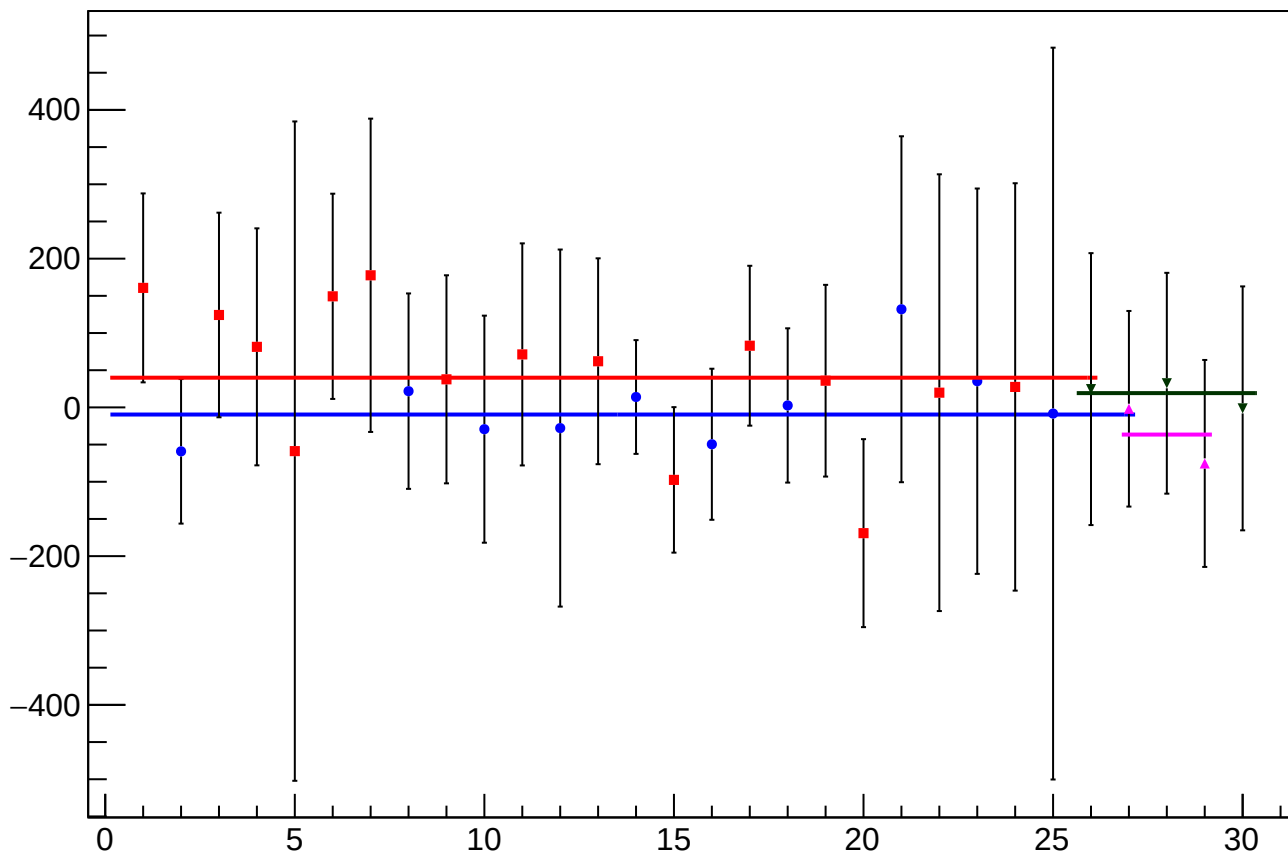
134.900+/-0.036 χ^2/NDF : 3021068.3/12

Right Out: 123.390+/-0.038 χ^2/NDF : 3254180.0/14

122.898+/-0.033 χ^2/NDF : 3257825.9/16

Left In: 121.341+/-0.067 χ^2/NDF :2932.7/1

asym_bcm_an_ds3_mean vs slug



Right In: -9.593 ± 40.083 $\chi^2/\text{NDF}: 1.0/9$

Left Out: 19.207 ± 94.295 $\chi^2/\text{NDF}: 0.0/2$

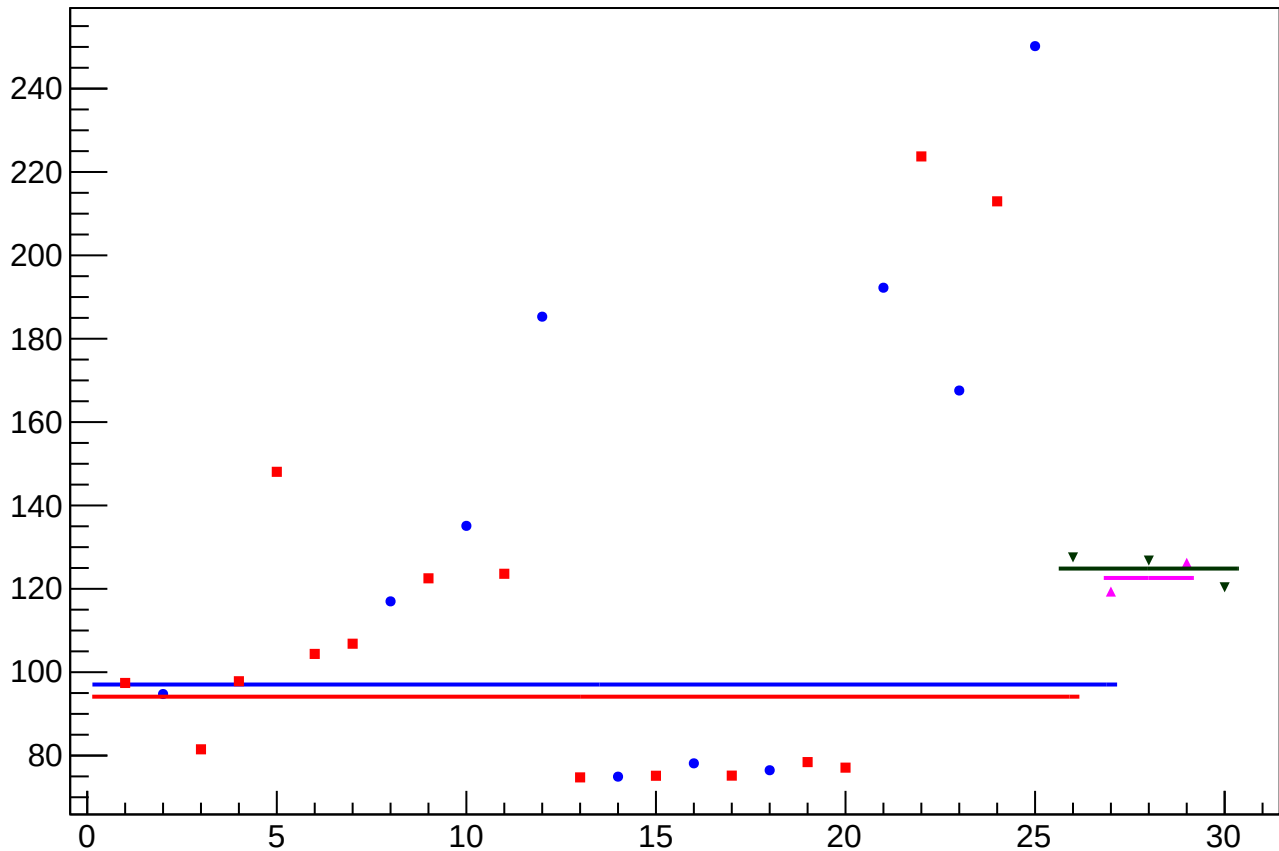
Right Out: 39.936 ± 37.234 $\chi^2/\text{NDF}: 7.4/14$

Left In: -36.543 ± 95.579 $\chi^2/\text{NDF}: 0.1/1$

-5.185 ± 36.889 $\chi^2/\text{NDF}: 1.1/12$

29.859 ± 34.695 $\chi^2/\text{NDF}: 8.1/16$

asym_bcm_an_ds3_rms vs slug



Right In: 97.044+/-0.028 χ^2/NDF : 1433759.1/9

Left Out: 124.860+/-0.067 χ^2/NDF : 2265.4/2

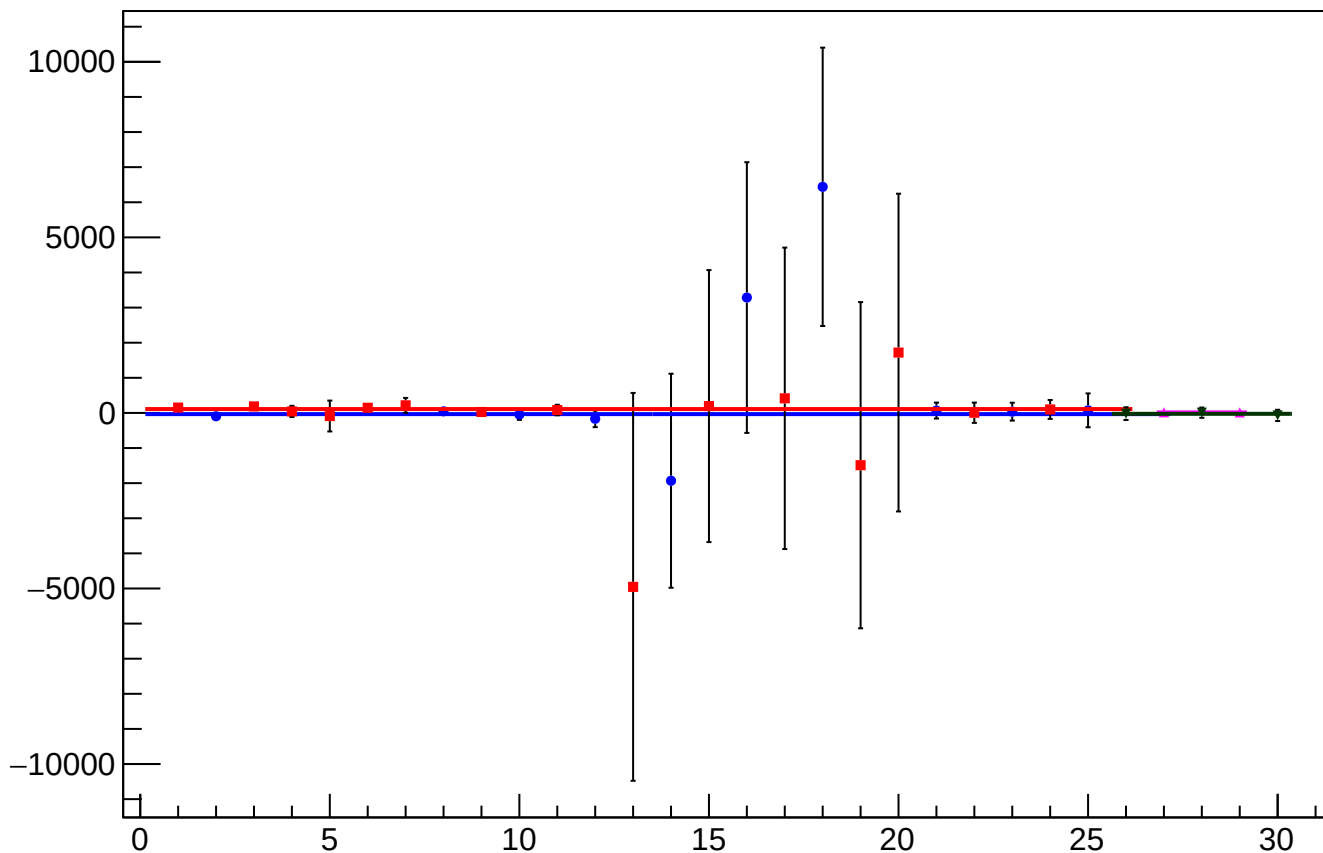
101.301+/-0.026 χ^2/NDF : 1583432.3/12

Right Out: 94.127+/-0.026 χ^2/NDF : 1236104.9/14

97.880+/-0.025 χ^2/NDF : 1392881.1/16

Left In: 122.607+/-0.068 χ^2/NDF : 2604.0/1

asym_bcm_an_us_mean vs slug



Right In: -33.810+/-63.379 χ^2/NDF : 5.2/9

Left Out: -25.585+/-92.542 χ^2/NDF : 0.1/2

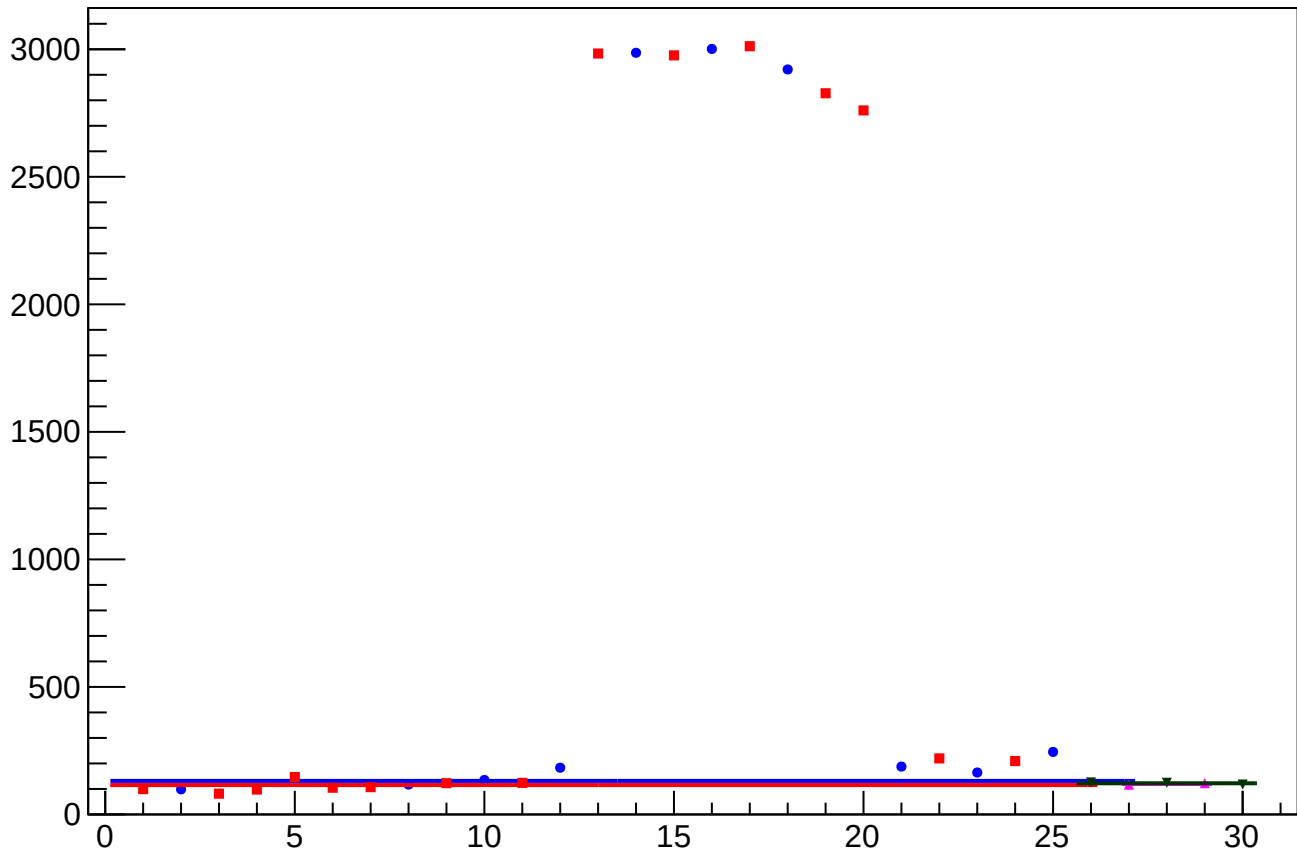
Right Out: 110.194+/-53.167 χ^2/NDF : 2.7/14

Left In: 15.521+/-93.330 χ^2/NDF : 0.0/1

-31.184+/-52.291 χ^2/NDF : 5.3/12

86.998+/-46.197 χ^2/NDF : 3.5/16

asym_bcm_an_us_rms vs slug



Right In: 131.563+/-0.045 χ^2/NDF : 4439106.8/9

Left Out: 122.217+/-0.065 χ^2/NDF : 2961.0/2

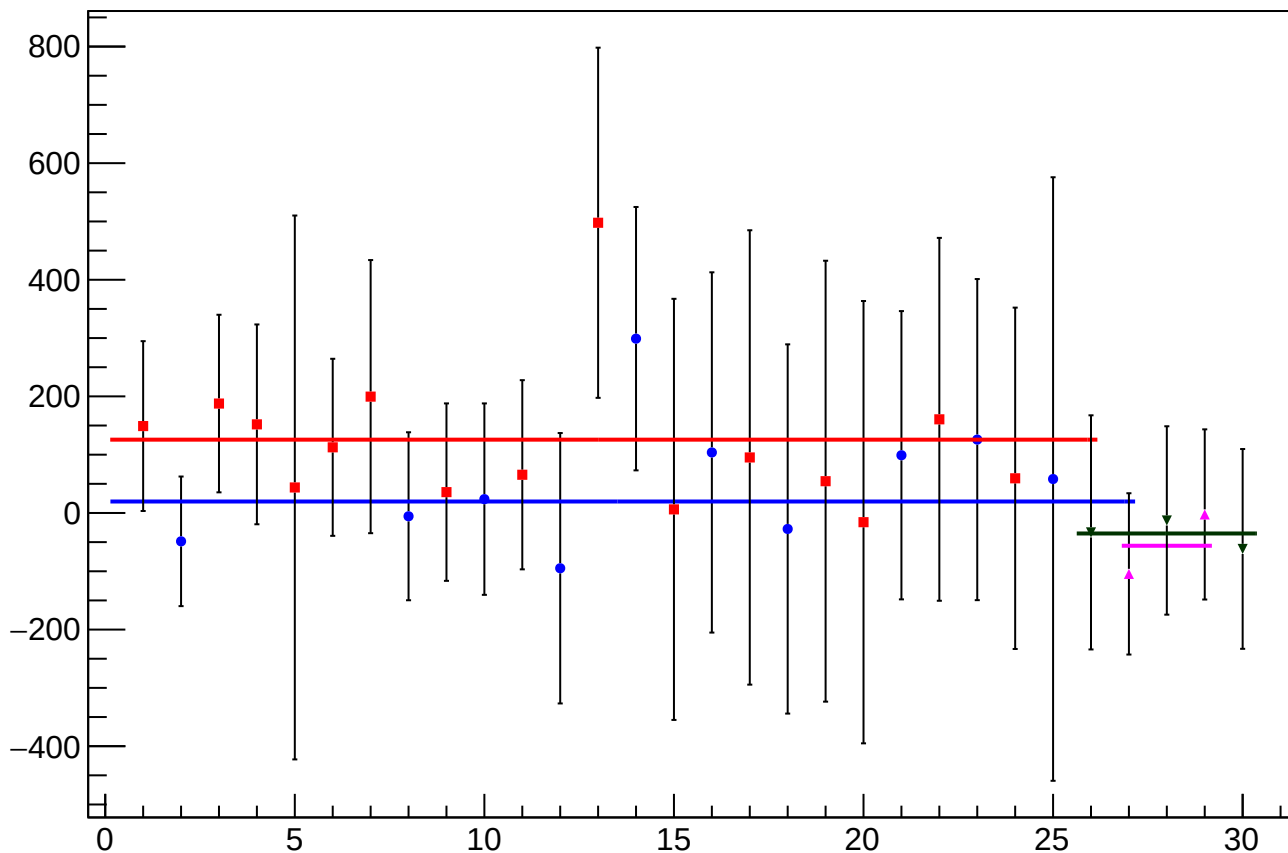
128.579+/-0.037 χ^2/NDF : 4455952.2/12

Right Out: 115.254+/-0.038 χ^2/NDF : 4626905.2/14

116.345+/-0.033 χ^2/NDF : 4632286.1/16

Left In: 119.708+/-0.066 χ^2/NDF : 1941.2/1

asym_bcm_dg_us_mean vs slug



Right In: 19.683+/-62.238 χ^2/NDF : 2.5/9

Left Out: -35.170+/-101.448 χ^2/NDF : 0.0/2

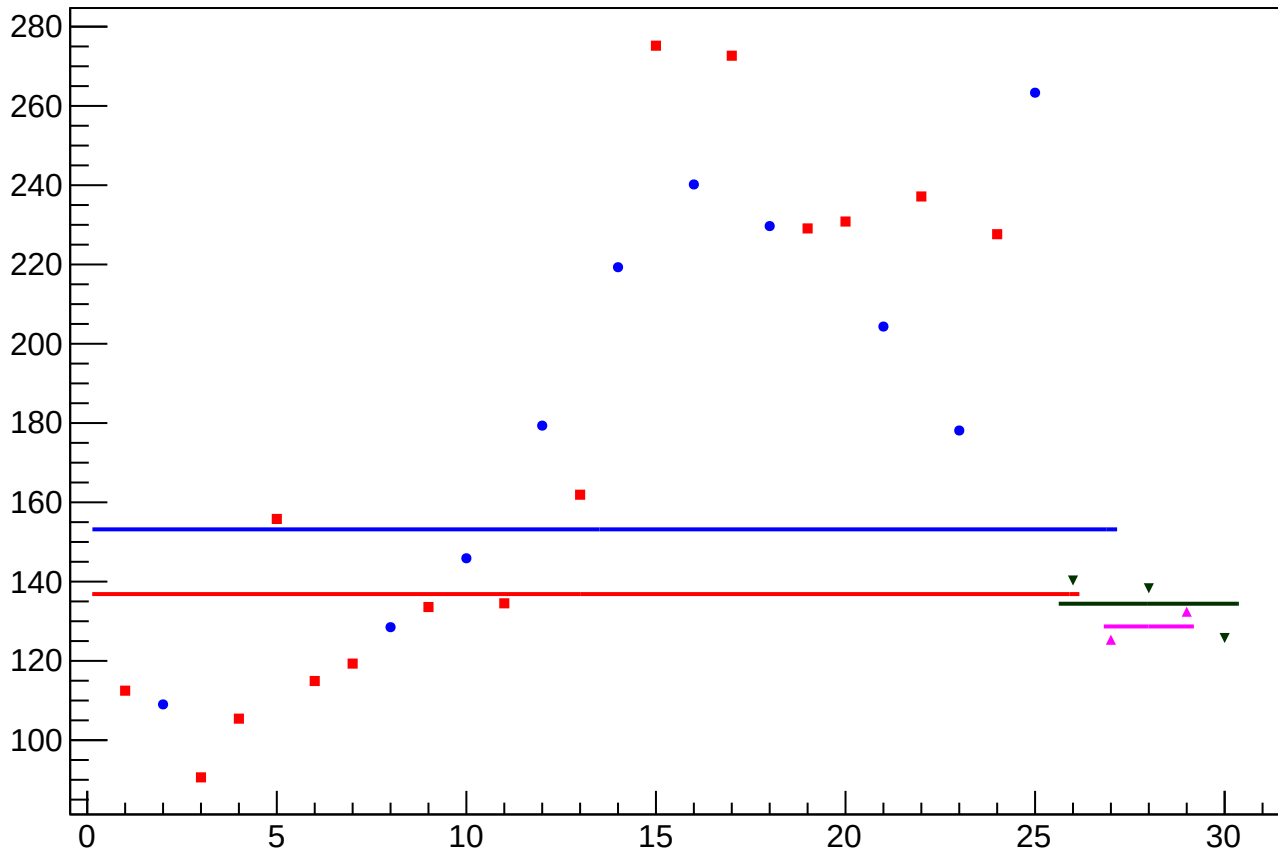
Right Out: 125.756+/-54.803 χ^2/NDF : 2.7/14

Left In: -56.220+/-100.402 χ^2/NDF : 0.3/1

4.683+/-53.050 χ^2/NDF : 2.8/12

83.984+/-48.103 χ^2/NDF : 5.5/16

asym_bcm_dg_us_rms vs slug



Right In: 153.180+/-0.044 χ^2/NDF : 1043247.4/9

Left Out: 134.419+/-0.072 χ^2/NDF : 7959.5/2

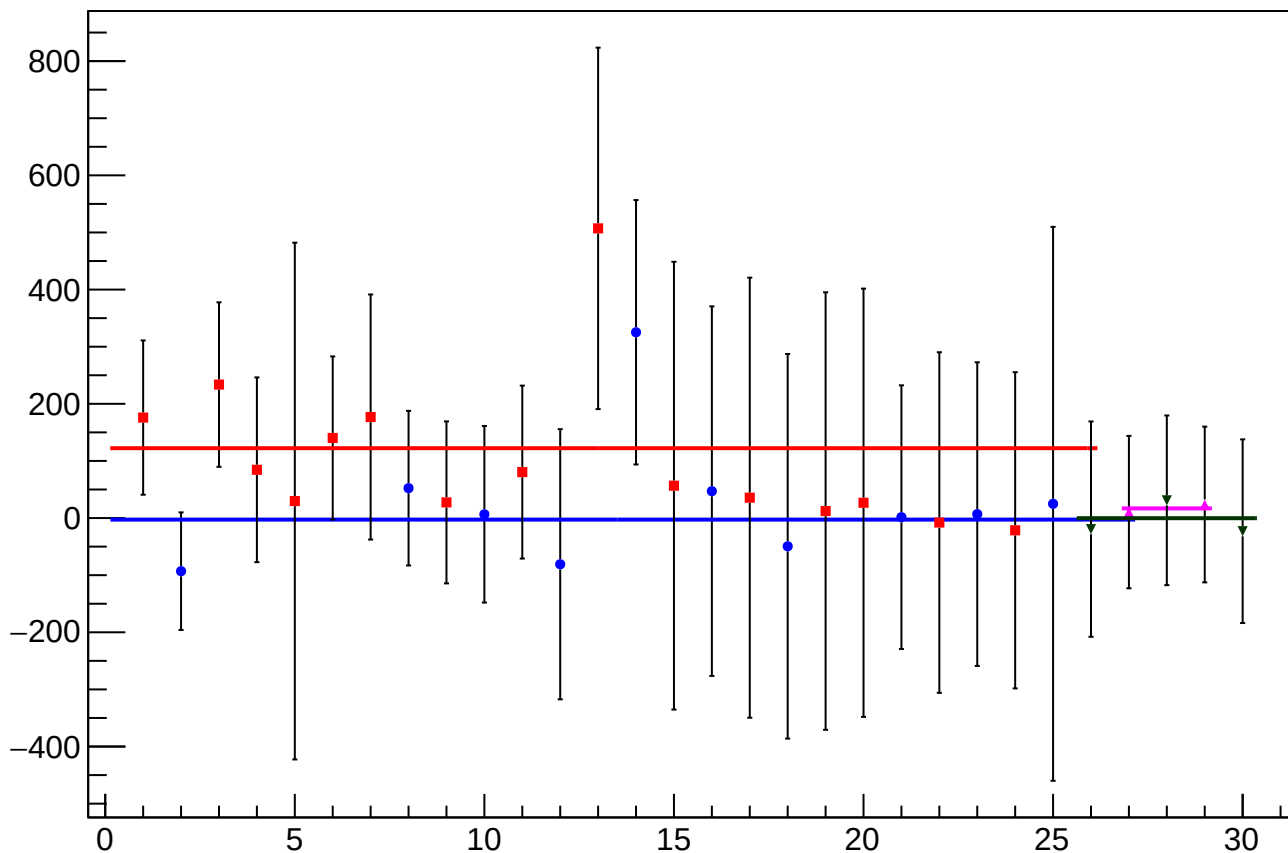
148.050+/-0.038 χ^2/NDF : 1100905.0/12

Right Out: 136.856+/-0.039 χ^2/NDF : 1557401.9/14

134.980+/-0.034 χ^2/NDF : 1570077.2/16

Left In: 128.685+/-0.071 χ^2/NDF : 2470.9/1

asym_bcm_dg_ds_mean vs slug



Right In: -2.719+/-59.450 χ^2/NDF : 3.1/9

Left Out: -0.256+/-94.414 χ^2/NDF : 0.1/2

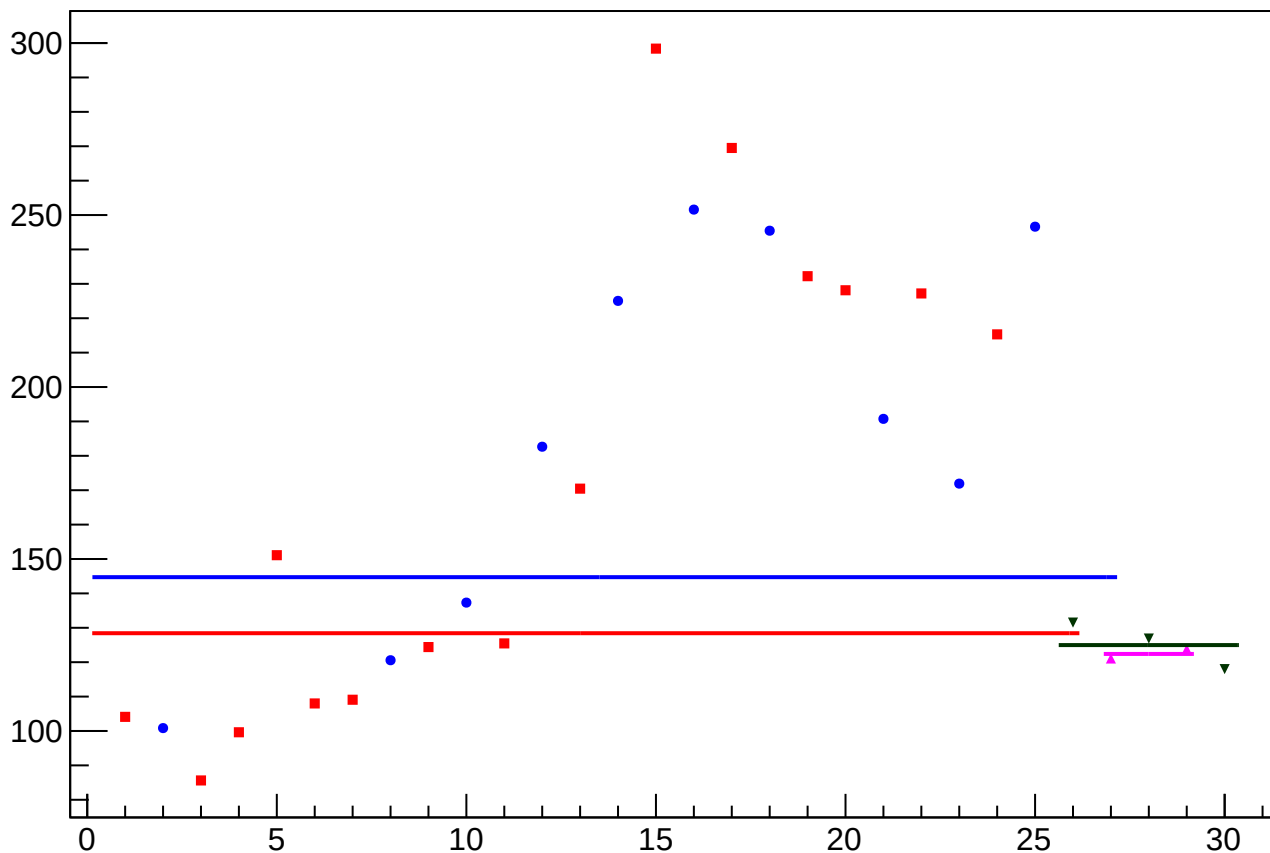
Right Out: 122.293+/-51.864 χ^2/NDF : 3.6/14

Left In: 16.917+/-95.340 χ^2/NDF : 0.0/1

-2.020+/-50.308 χ^2/NDF : 3.2/12

98.231+/-45.559 χ^2/NDF : 4.6/16

asym_bcm_dg_ds_rms vs slug



Right In: 144.721+/-0.042 χ^2/NDF : 1309928.5/9

Left Out: 124.974+/-0.067 χ^2/NDF : 6515.4/2

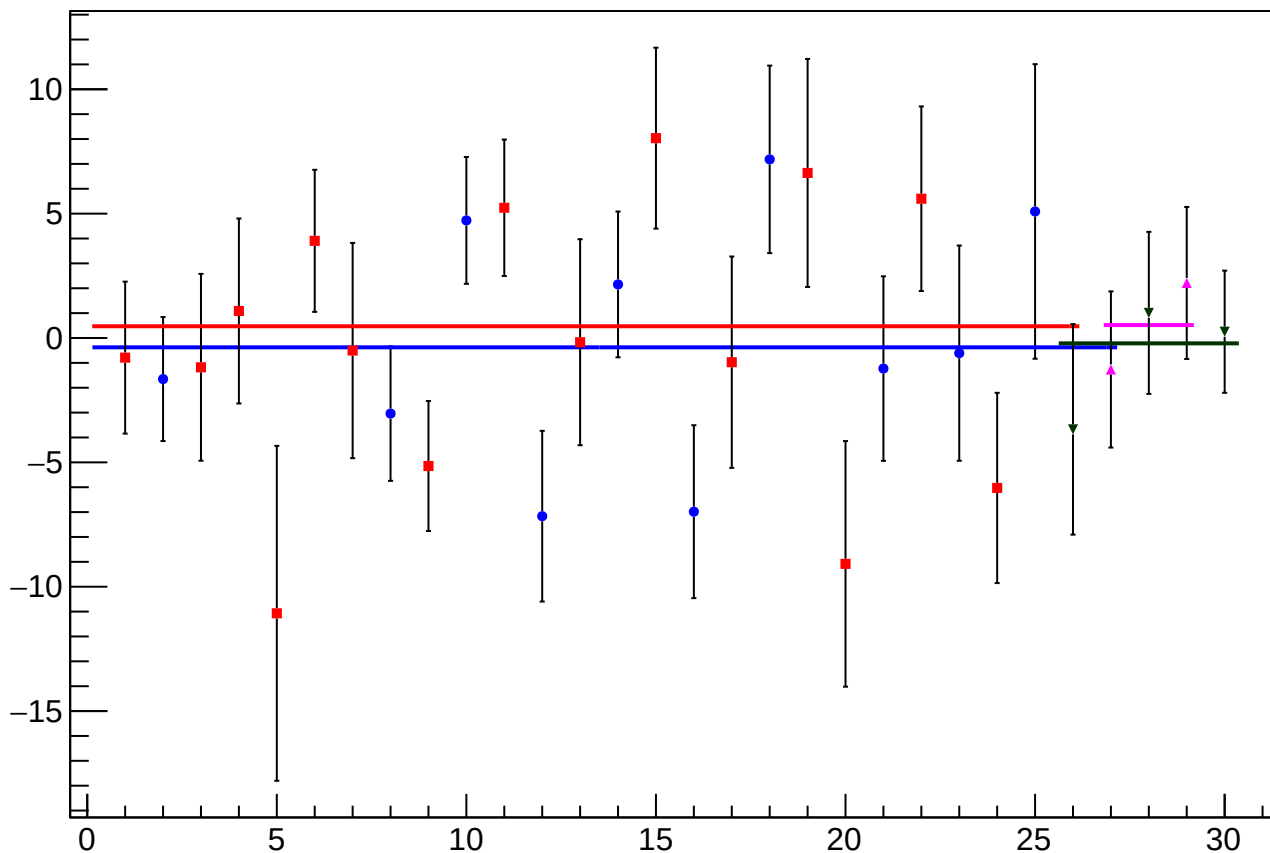
139.114+/-0.036 χ^2/NDF : 1379091.0/12

Right Out: 128.426+/-0.037 χ^2/NDF : 1753946.6/14

127.049+/-0.032 χ^2/NDF : 1760518.4/16

Left In: 122.398+/-0.067 χ^2/NDF : 403.5/1

asym_cav4bQ_mean vs slug



Right In: -0.375 ± 1.020 χ^2/NDF : 18.4/9

Left Out: -0.215 ± 1.779 χ^2/NDF : 0.8/2

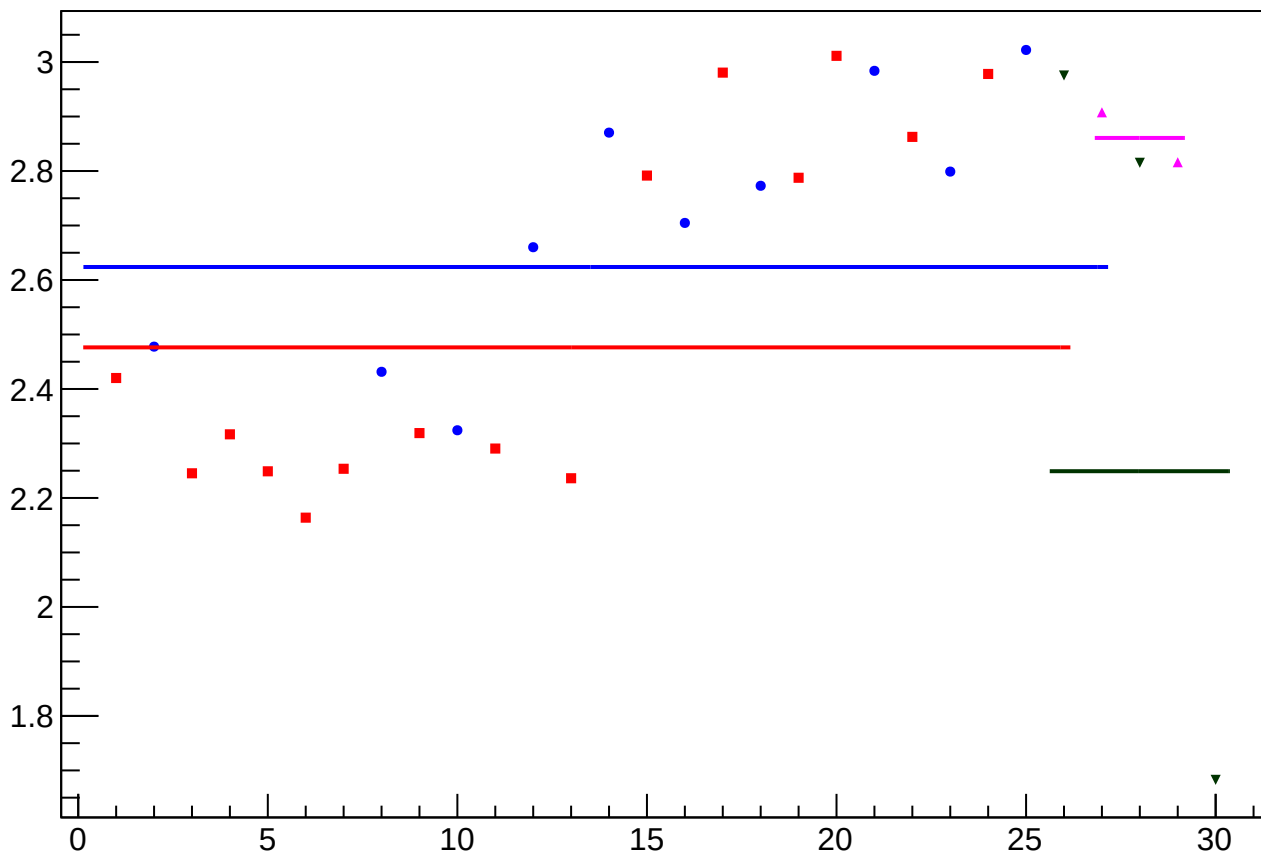
Right Out: 0.472 ± 0.934 χ^2/NDF : 27.3/14

Left In: 0.520 ± 2.190 χ^2/NDF : 0.6/1

-0.336 ± 0.885 χ^2/NDF : 19.3/12

0.479 ± 0.859 χ^2/NDF : 27.9/16

asym_cav4bQ_rms vs slug



Right In: 2.624 $\pm$ 0.001 χ^2 /NDF: 94340.1/9

Left Out: 2.249 $\pm$ 0.001 χ^2 /NDF:225602.8/2

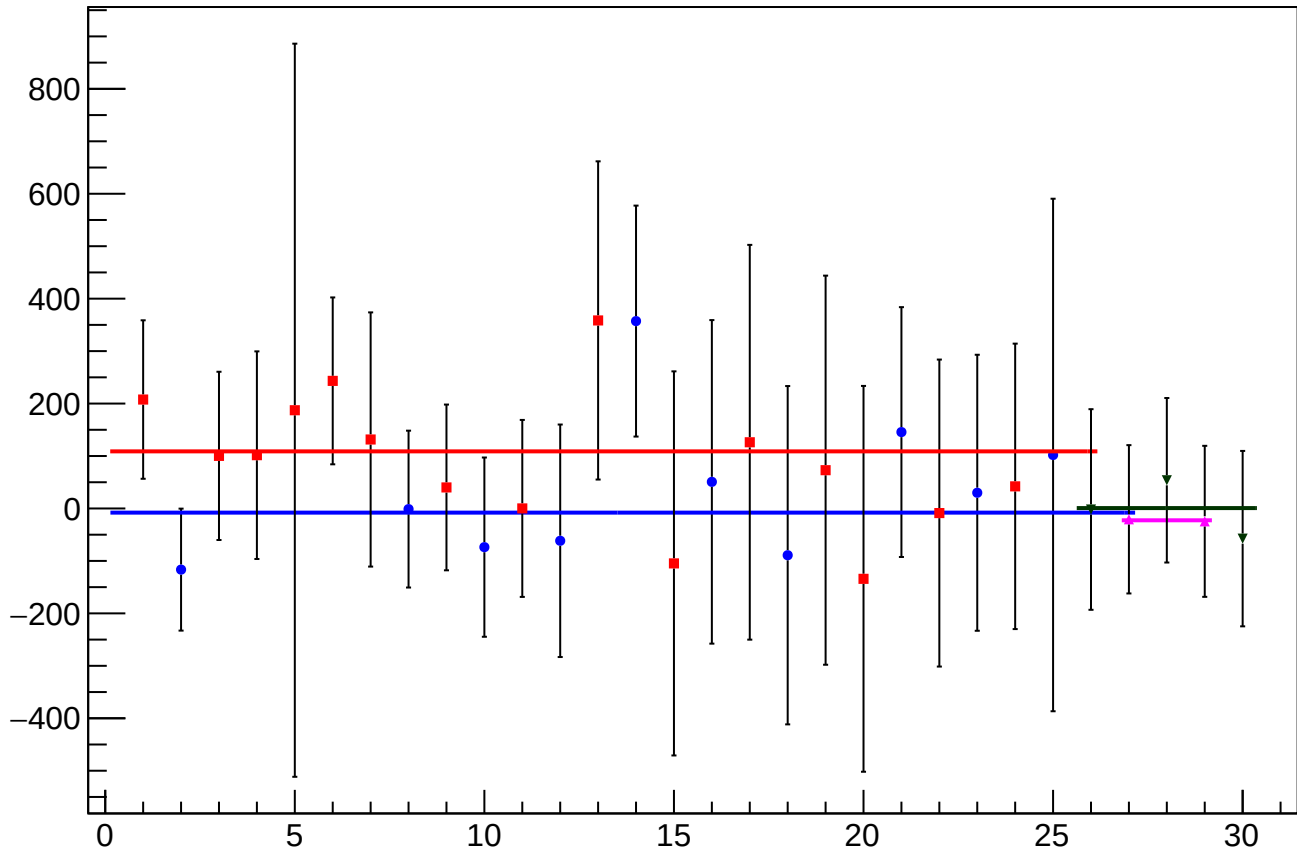
Right Out: 2.476 $\pm$ 0.001 χ^2 /NDF: 198540.4/14

Left In: 2.861 $\pm$ 0.002 χ^2 /NDF:874.6/1

2.531 $\pm$ 0.001 χ^2 /NDF: 386693.9/12

2.535 $\pm$ 0.001 χ^2 /NDF: 251538.4/16

asym_cav4cQ_mean vs slug



Right In: -7.922 ± 63.205 $\chi^2/\text{NDF}: 4.4/9$

Left Out: 0.733 ± 98.168 $\chi^2/\text{NDF}: 0.2/2$

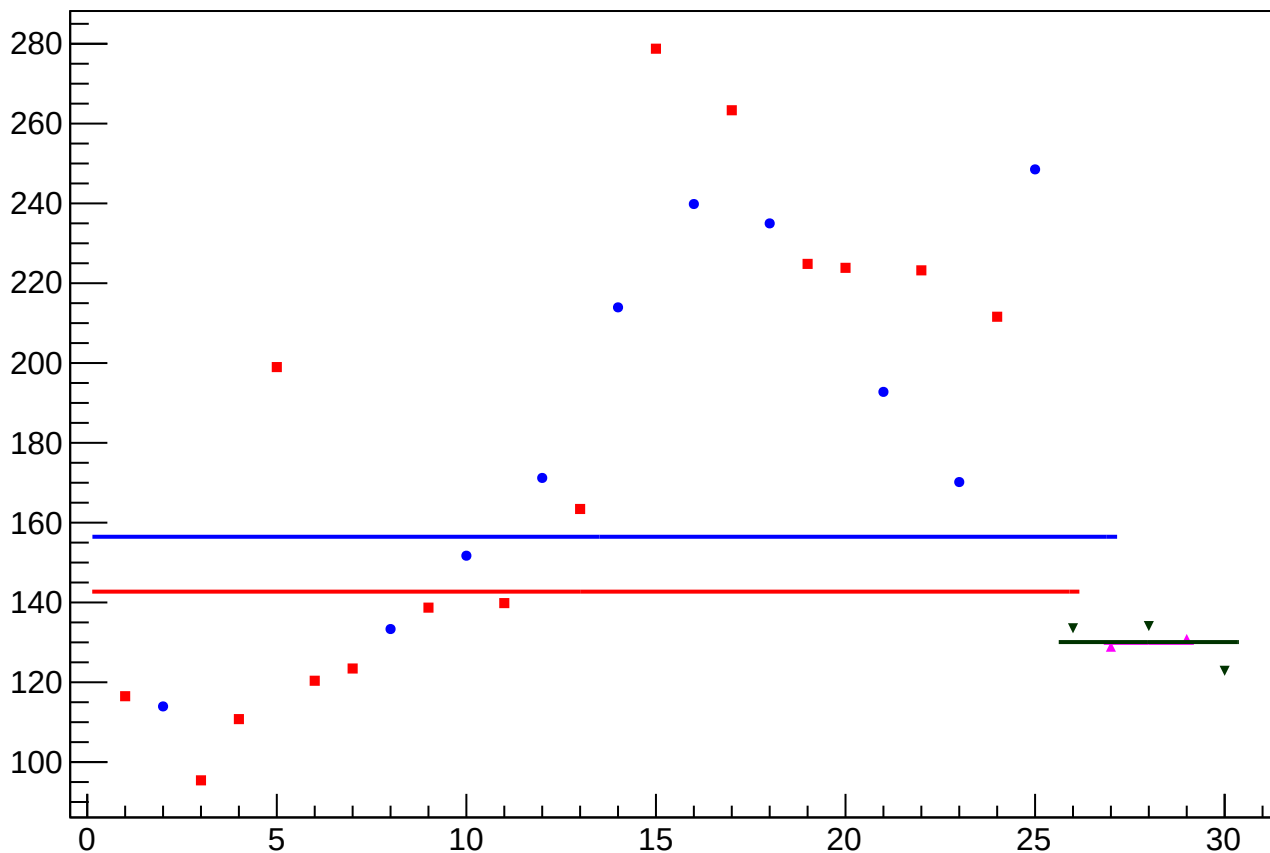
Right Out: 108.862 ± 57.050 $\chi^2/\text{NDF}: 3.5/14$

Left In: -22.552 ± 100.874 $\chi^2/\text{NDF}: 0.0/1$

-5.386 ± 53.143 $\chi^2/\text{NDF}: 4.7/12$

77.015 ± 49.658 $\chi^2/\text{NDF}: 4.7/16$

asym_cav4cQ_rms vs slug



Right In: 156.465+/-0.045 χ^2/NDF : 849600.1/9

Left Out: 130.076+/-0.069 χ^2/NDF :5663.8/2

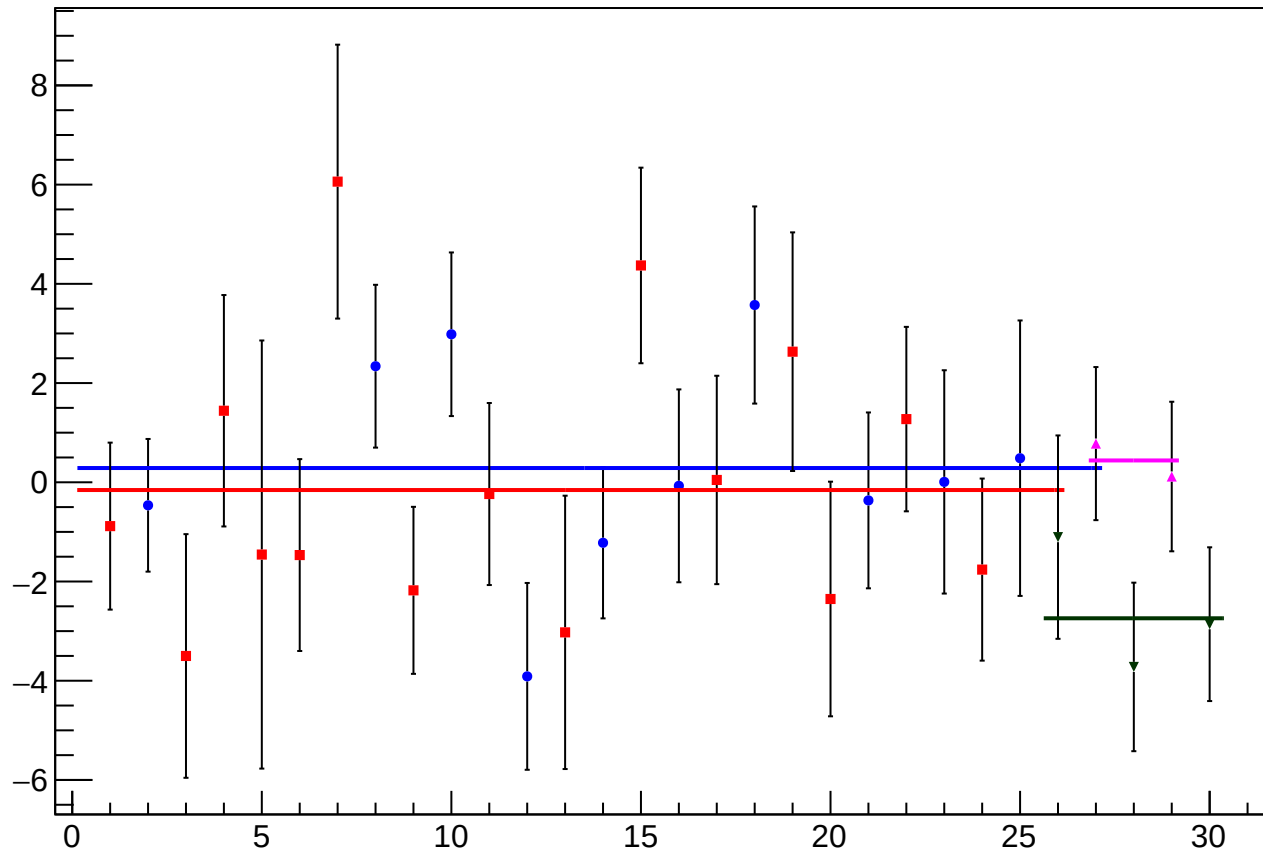
148.732+/-0.038 χ^2/NDF : 957435.3/12

Right Out: 142.713+/-0.040 χ^2/NDF : 1318959.0/14

139.601+/-0.035 χ^2/NDF : 1343706.4/16

Left In: 129.871+/-0.071 χ^2/NDF :185.8/1

asym_cav4dQ_mean vs slug



Right In: 0.287 ± 0.561 χ^2/NDF : 13.4/9

Left Out: -2.741 ± 0.999 χ^2/NDF : 1.0/2

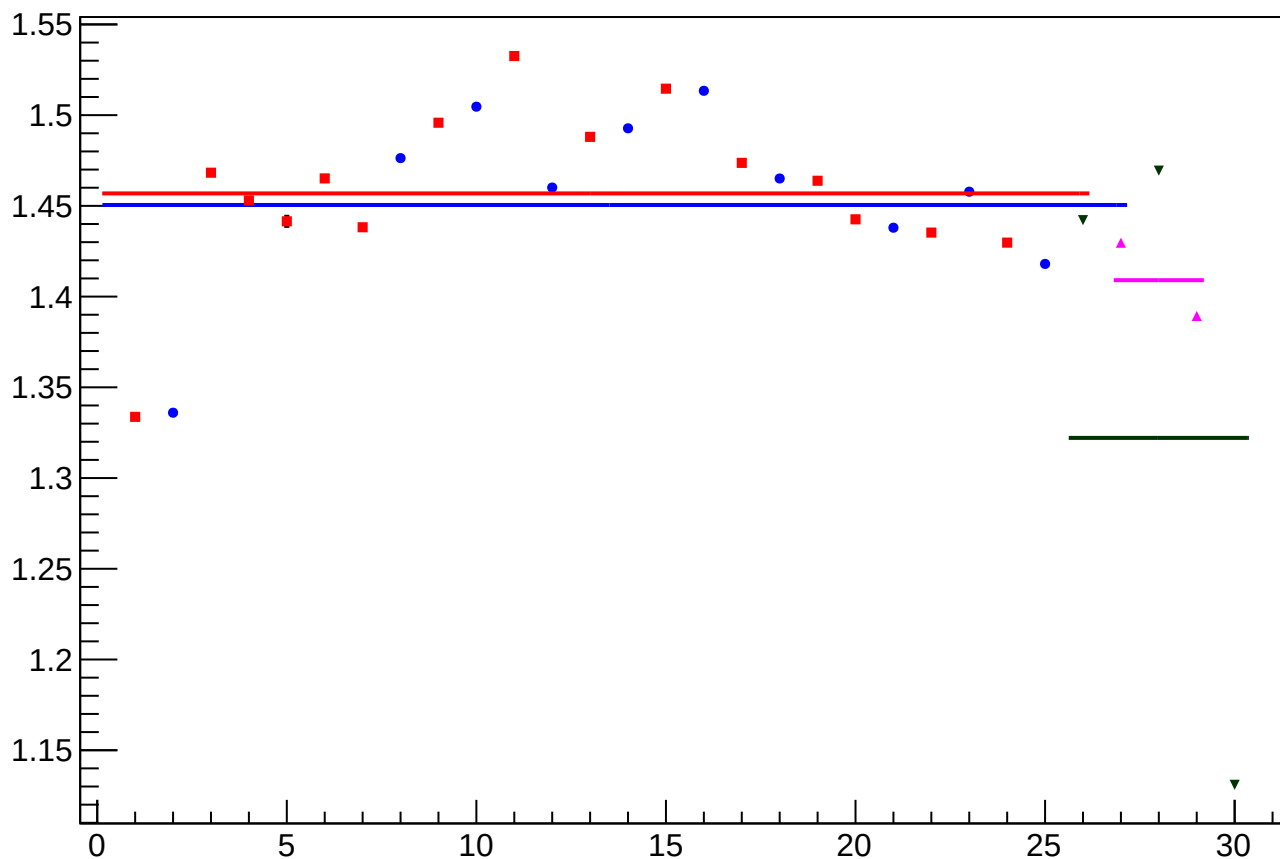
Right Out: -0.156 ± 0.546 χ^2/NDF : 19.5/14

Left In: 0.440 ± 1.078 χ^2/NDF : 0.1/1

-0.439 ± 0.489 χ^2/NDF : 21.4/12

-0.035 ± 0.487 χ^2/NDF : 19.8/16

asym_cav4dQ_rms vs slug



Right In: 1.450+/-0.000 χ^2/NDF : 21502.4/9

Left Out: 1.322+/-0.001 χ^2/NDF : 52341.4/2

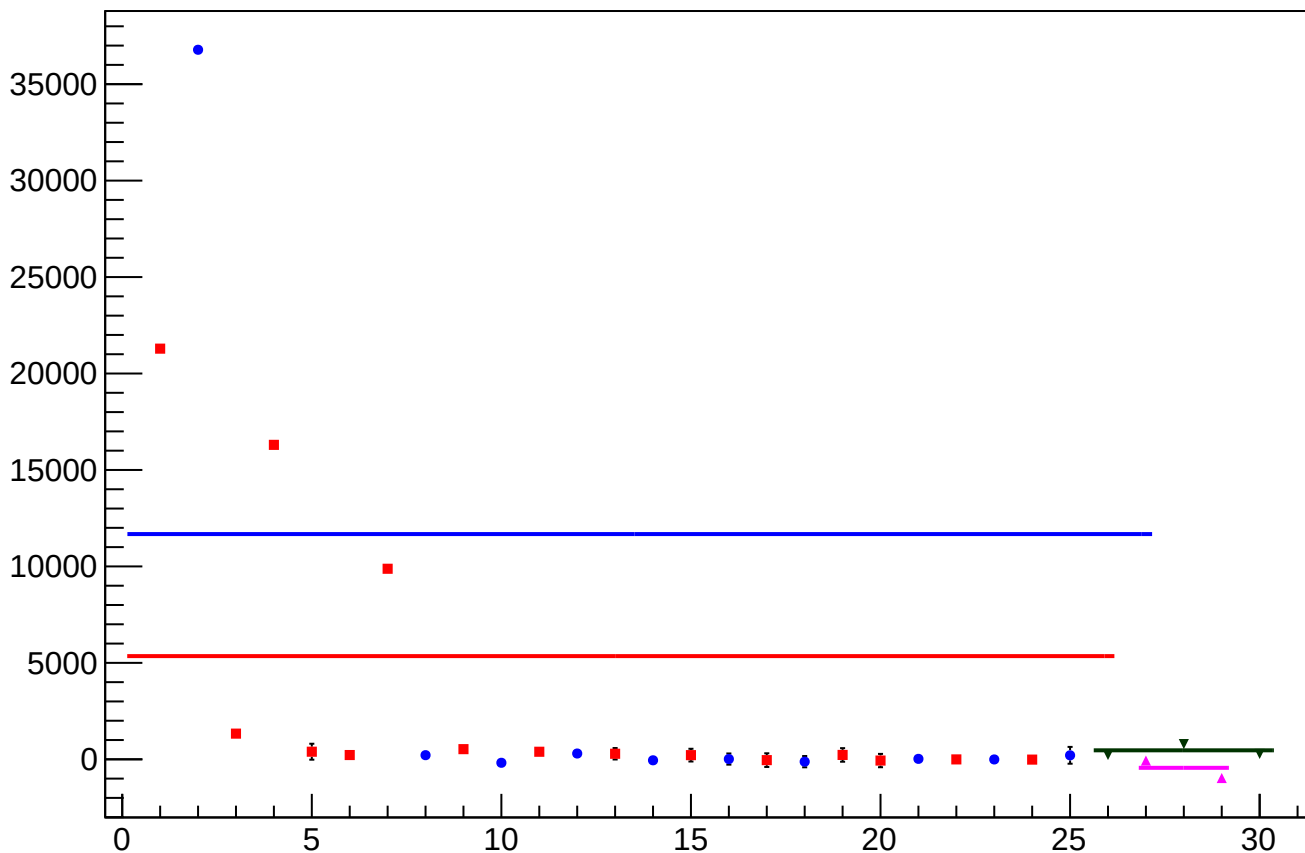
Right Out: 1.457+/-0.000 χ^2/NDF : 18283.0/14

Left In: 1.409+/-0.001 χ^2/NDF : 700.6/1

1.420+/-0.000 χ^2/NDF : 98925.0/12

1.447+/-0.000 χ^2/NDF : 22116.5/16

asym_bcm0l02_mean vs slug



Right In: 11676.770+/-61.140 χ^2/NDF : 78217.2/9

Left Out: 466.277+/-90.373 χ^2/NDF : 8.8/2

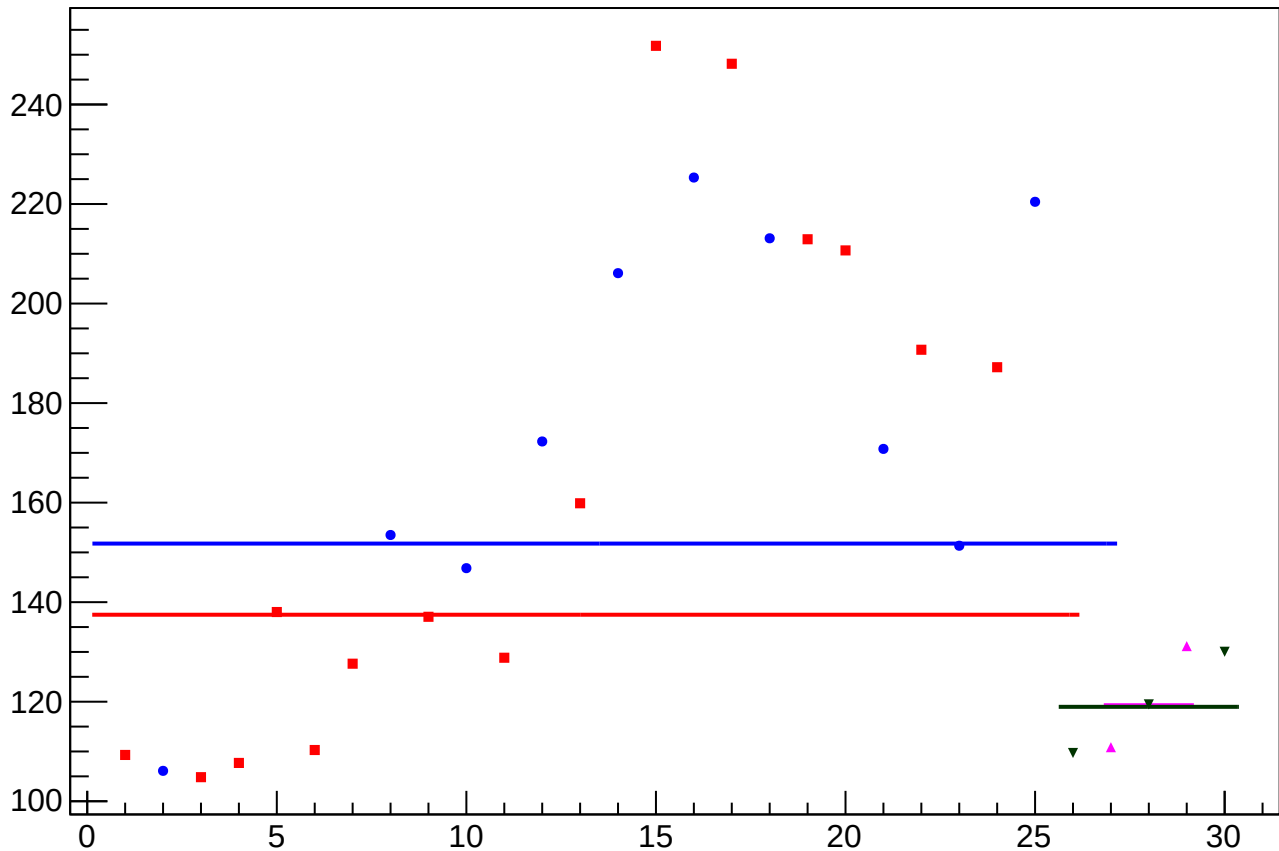
Right Out: 5350.255+/-54.286 χ^2/NDF : 22483.6/14

Left In: -441.059+/-92.713 χ^2/NDF : 23.1/1

8156.909+/-50.640 χ^2/NDF : 88782.1/12

3871.671+/-46.846 χ^2/NDF : 25412.5/16

asym_bcm0l02_rms vs slug



Right In: 151.772+/-0.043 χ^2/NDF : 786719.8/9

Left Out: 118.970+/-0.064 χ^2/NDF :14914.5/2

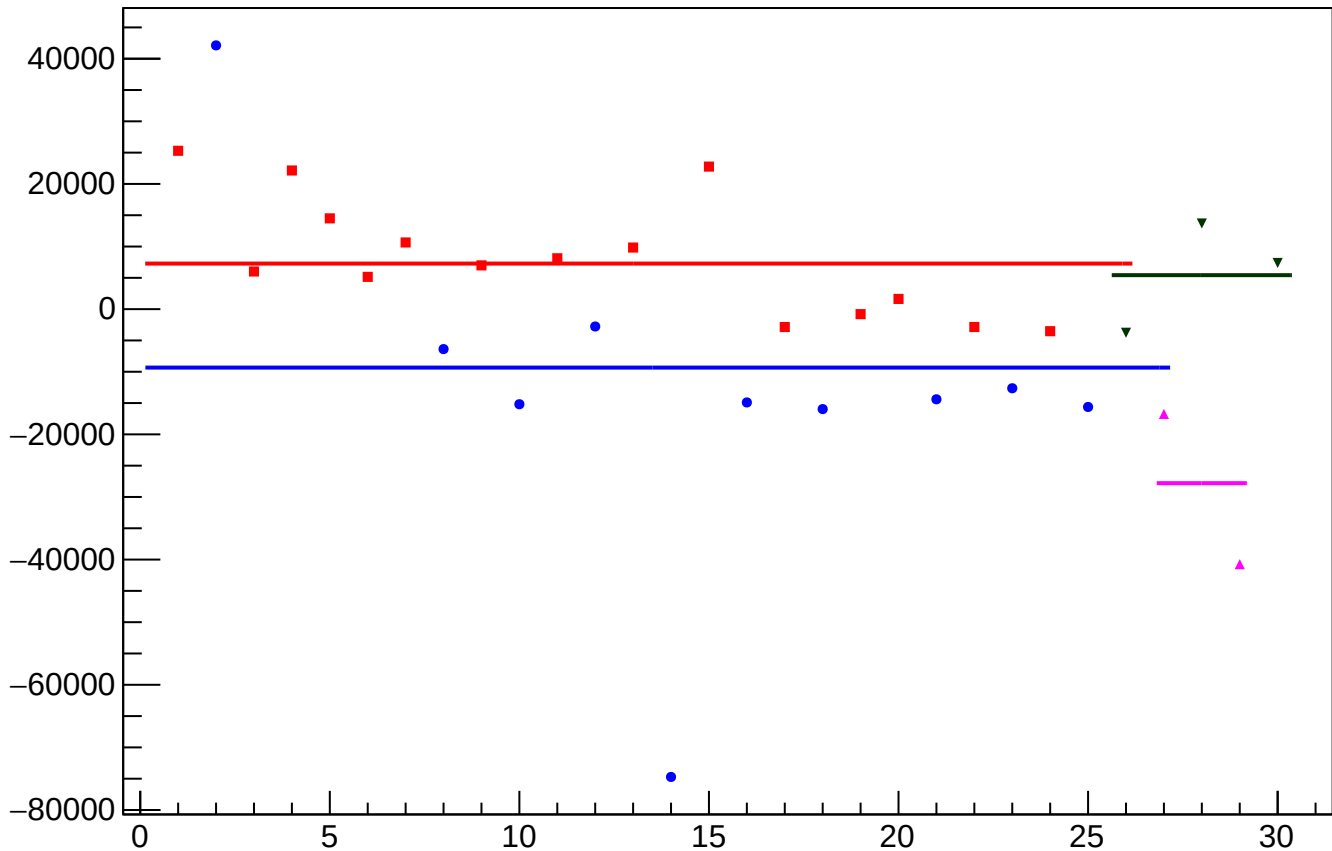
Right Out: 137.476+/-0.038 χ^2/NDF : 1081530.5/14

Left In: 119.300+/-0.066 χ^2/NDF :23307.2/1

141.473+/-0.036 χ^2/NDF : 982391.1/12

132.835+/-0.033 χ^2/NDF : 1162080.1/16

asym_bpm2i01WS_mean vs slug



Right In: -9334.826+/-45.354 χ^2/NDF : 437793.8/9

Left Out: 5427.749+/-92.150 χ^2/NDF : 6277.3/2

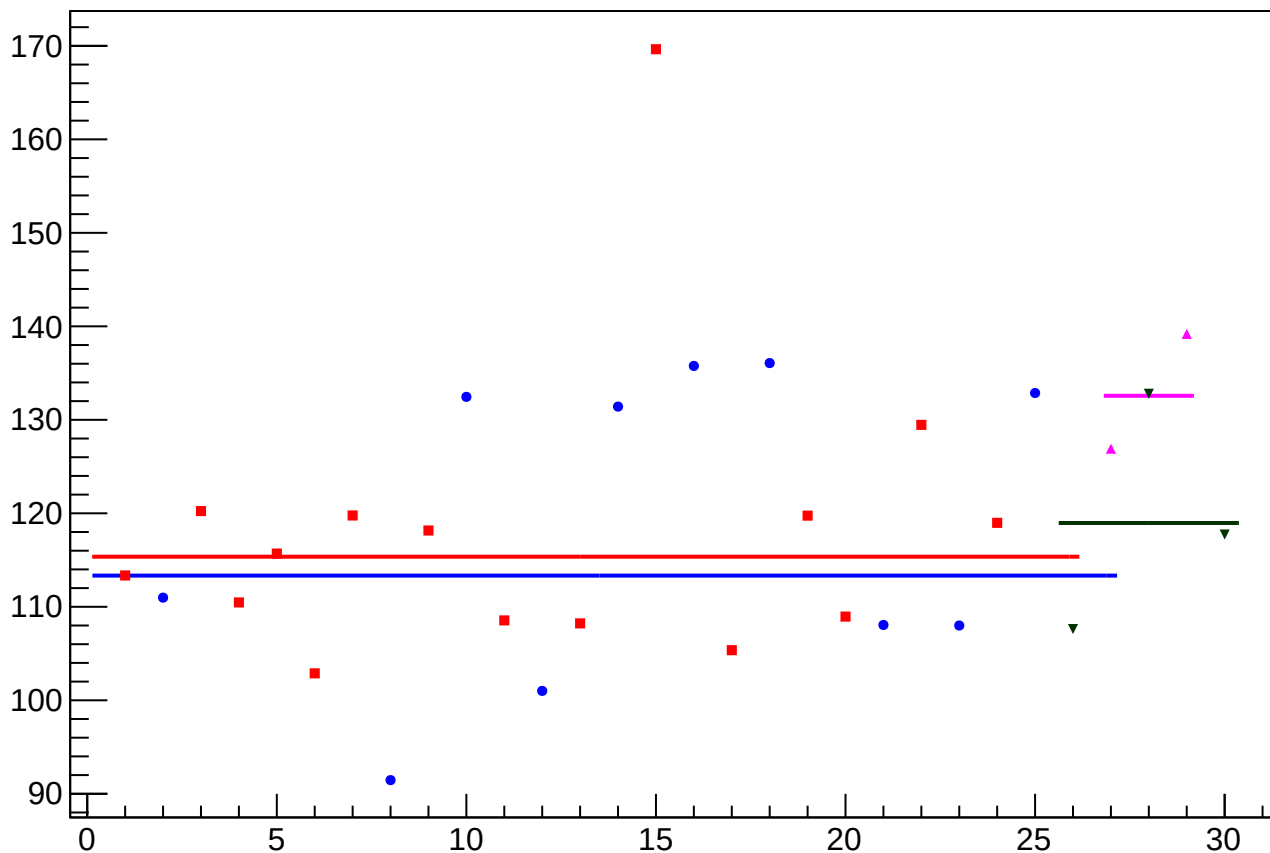
-6456.069+/-40.693 χ^2/NDF : 464731.1/12

Right Out: 7278.003+/-44.887 χ^2/NDF : 41944.4/14

1903.719+/-41.305 χ^2/NDF : 148346.5/16

Left In: -27794.165+/-105.516 χ^2/NDF : 12850.8/1

asym_bpm2i01WS_rms vs slug



Right In: 113.338 ± 0.032 χ^2/NDF : 249041.9/9

Left Out: 118.965 ± 0.065 χ^2/NDF : 25399.0/2

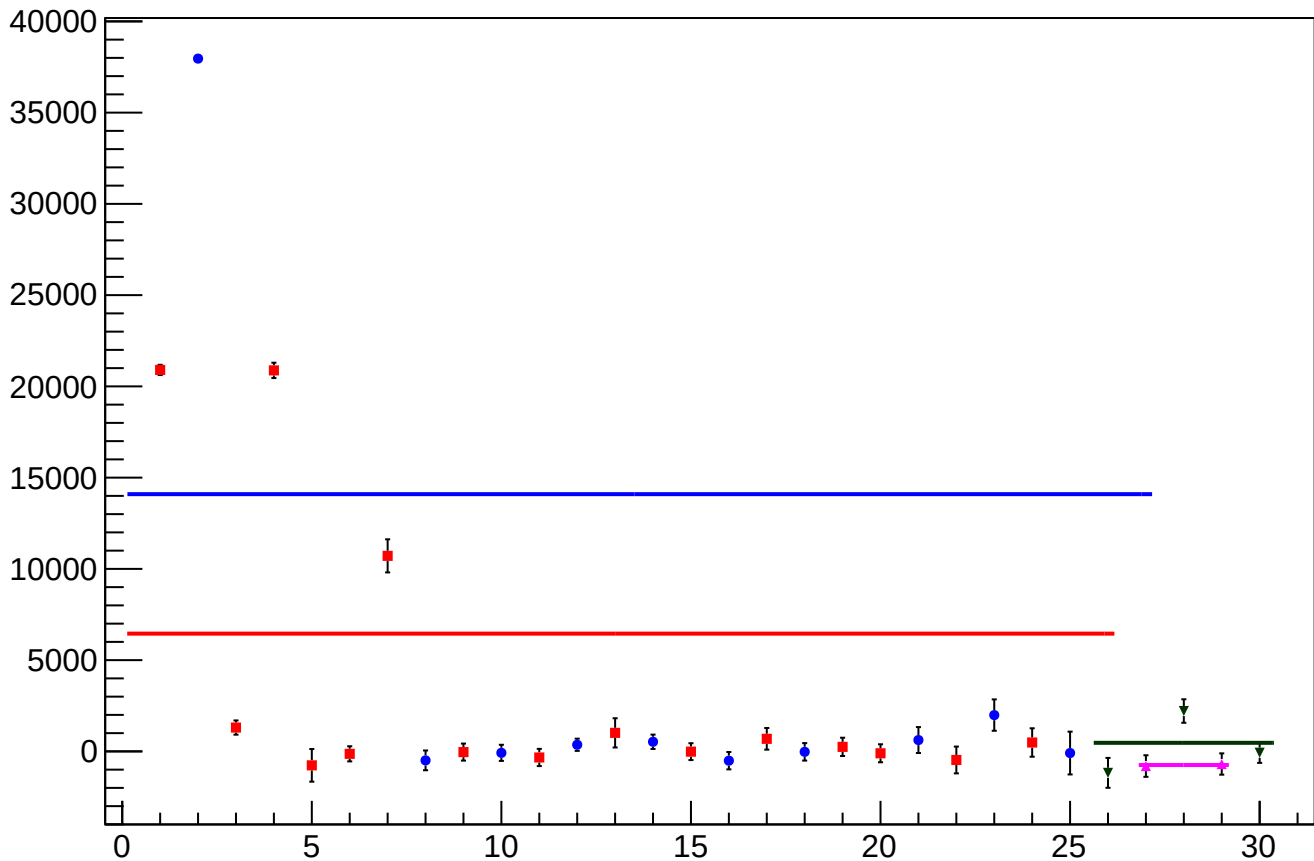
114.435 ± 0.029 χ^2/NDF : 280445.3/12

Right Out: 115.359 ± 0.032 χ^2/NDF : 162503.0/14

117.996 ± 0.029 χ^2/NDF : 214295.0/16

Left In: 132.570 ± 0.075 χ^2/NDF : 6731.2/1

asym_bpm0i07WS_mean vs slug



Right In: 14094.808+/-131.050 χ^2/NDF : 19367.3/9

Left Out: 469.599+/-374.684 χ^2/NDF : 12.3/2

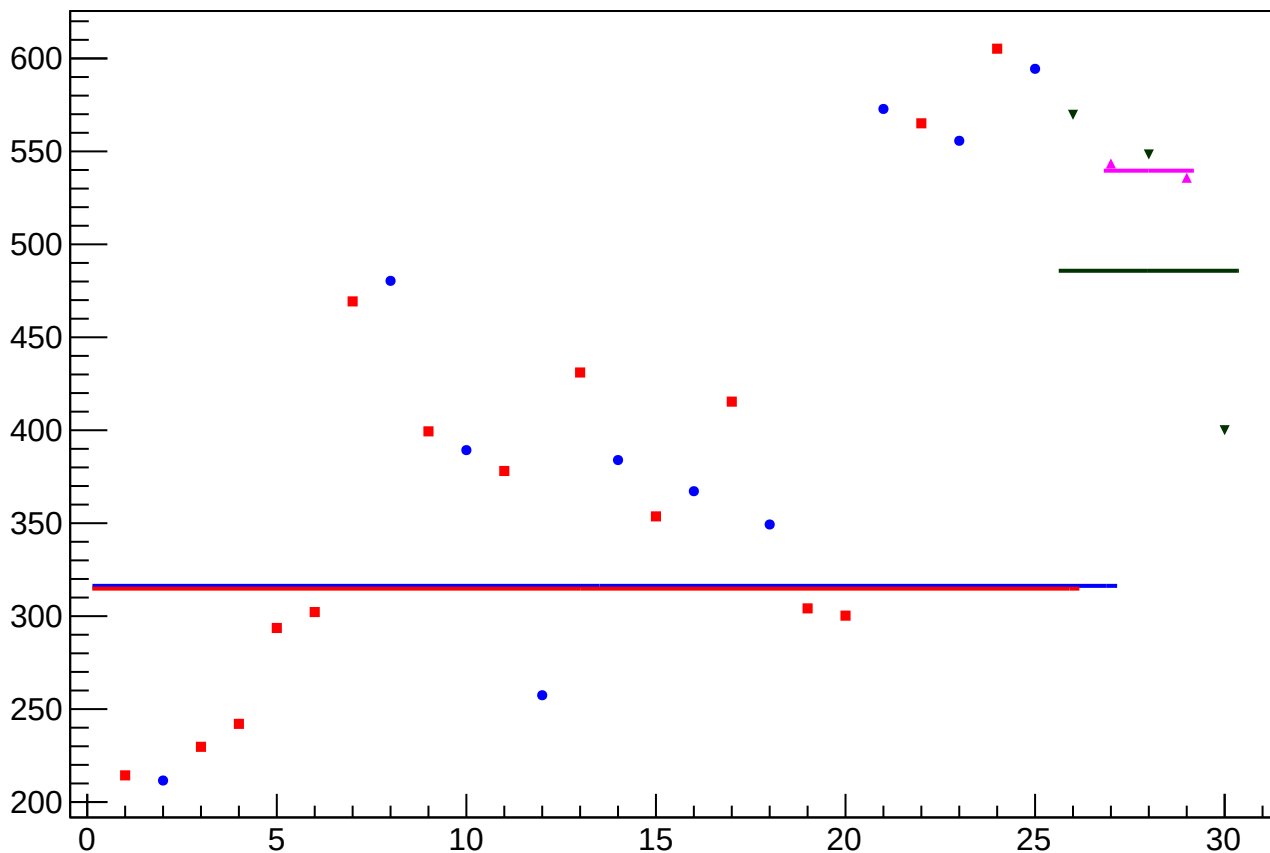
Right Out: 6452.381+/-125.971 χ^2/NDF : 5565.5/14

Left In: -746.625+/-415.358 χ^2/NDF : 0.0/1

12609.689+/-123.701 χ^2/NDF : 20557.8/12

5845.986+/-120.549 χ^2/NDF : 5840.6/16

asym_bpm0i07WS_rms vs slug



Right In: 316.292+/-0.093 χ^2/NDF : 1390503.3/9

Left Out: 485.785+/-0.265 χ^2/NDF : 87244.0/2

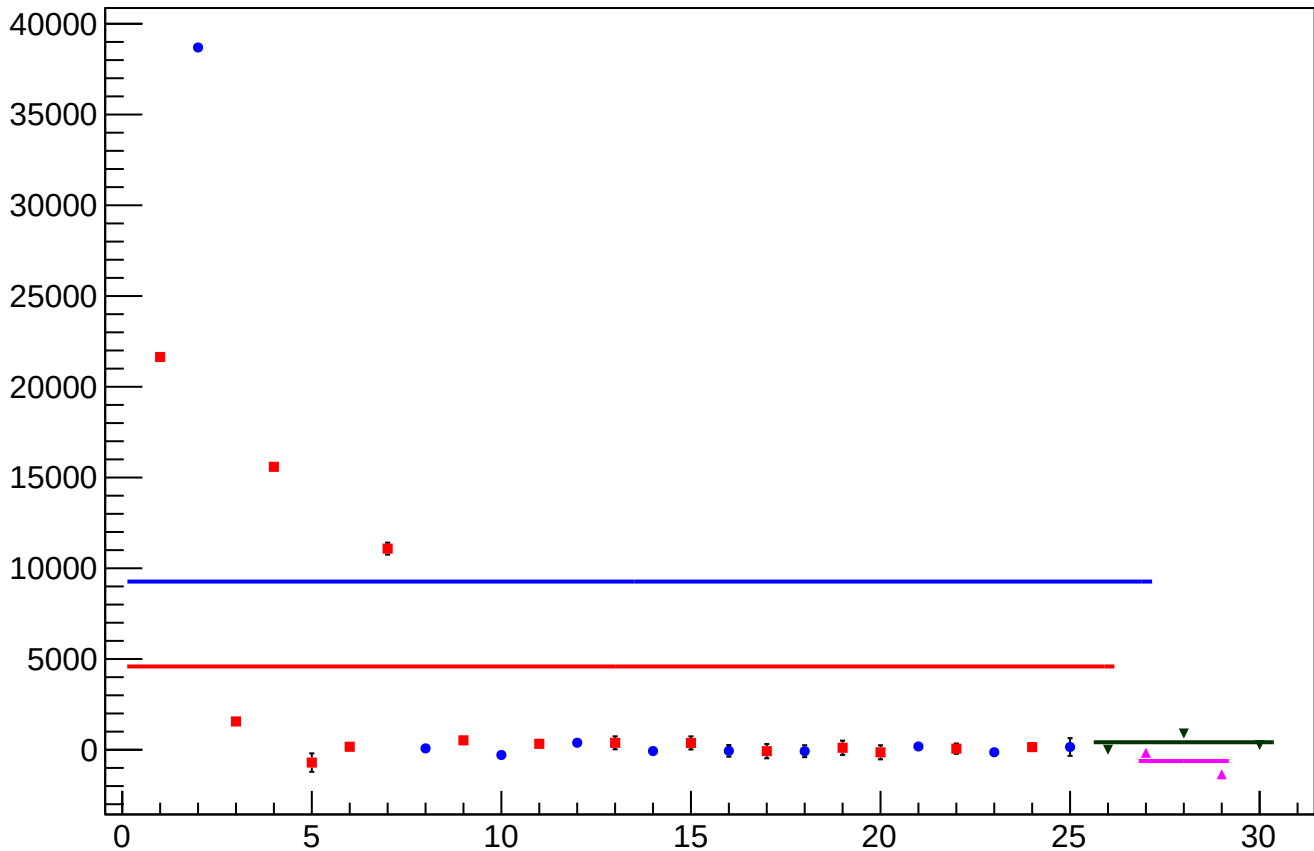
334.767+/-0.087 χ^2/NDF : 1842400.7/12

Right Out: 314.805+/-0.089 χ^2/NDF : 1201465.2/14

333.742+/-0.085 χ^2/NDF : 1738209.5/16

Left In: 539.622+/-0.294 χ^2/NDF : 171.0/1

asym_bpm0l01WS_mean vs slug



Right In: 9267.336+/-75.776 χ^2/NDF : 47497.6/9

Left Out: 415.113+/-117.468 χ^2/NDF : 11.1/2

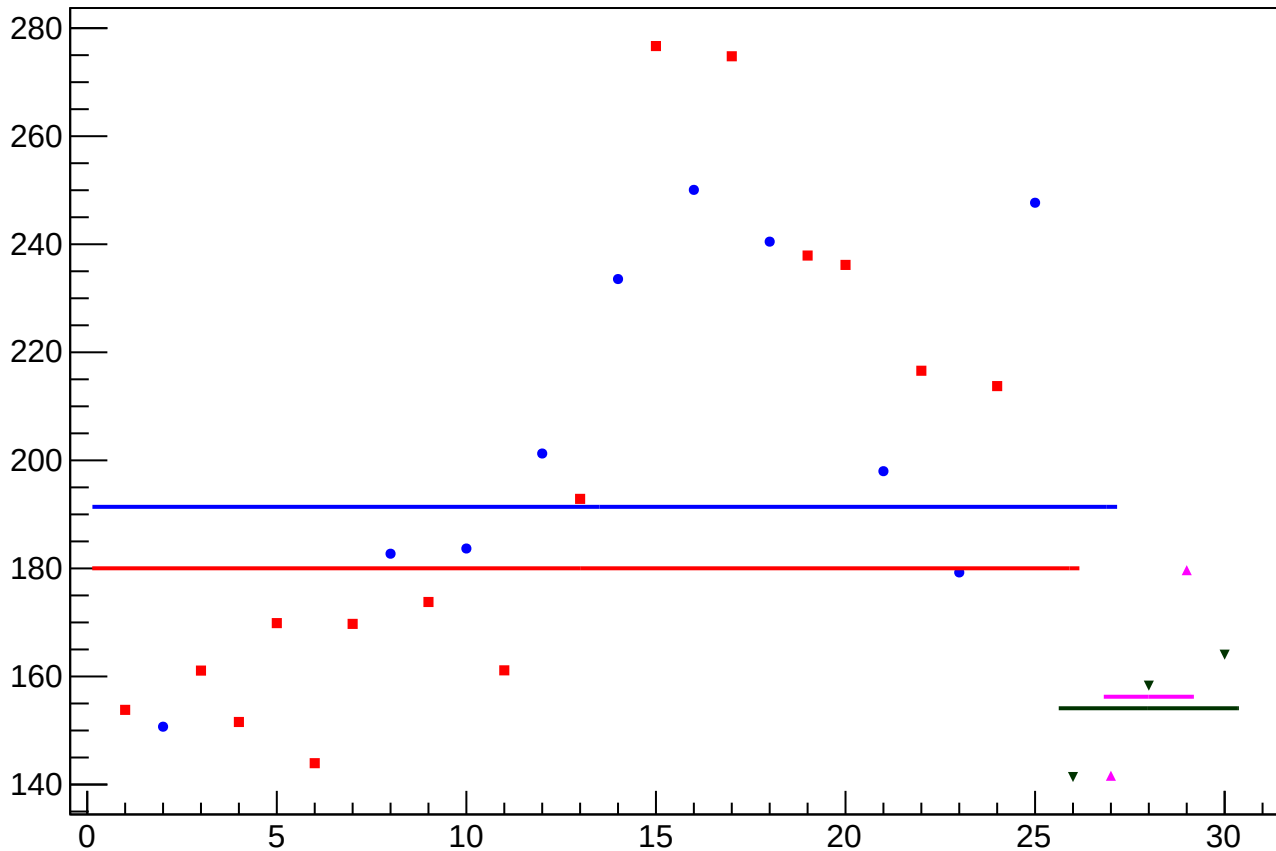
6666.166+/-63.677 χ^2/NDF : 51518.9/12

Right Out: 4589.719+/-69.647 χ^2/NDF : 12430.8/14

3299.367+/-60.408 χ^2/NDF : 13838.9/16

Left In: -619.359+/-121.373 χ^2/NDF : 22.5/1

asym_bpm0l01WS_rms vs slug



Right In: 191.398+/-0.054 χ^2/NDF : 352226.7/9

Left Out: 154.117+/-0.083 χ^2/NDF :12909.6/2

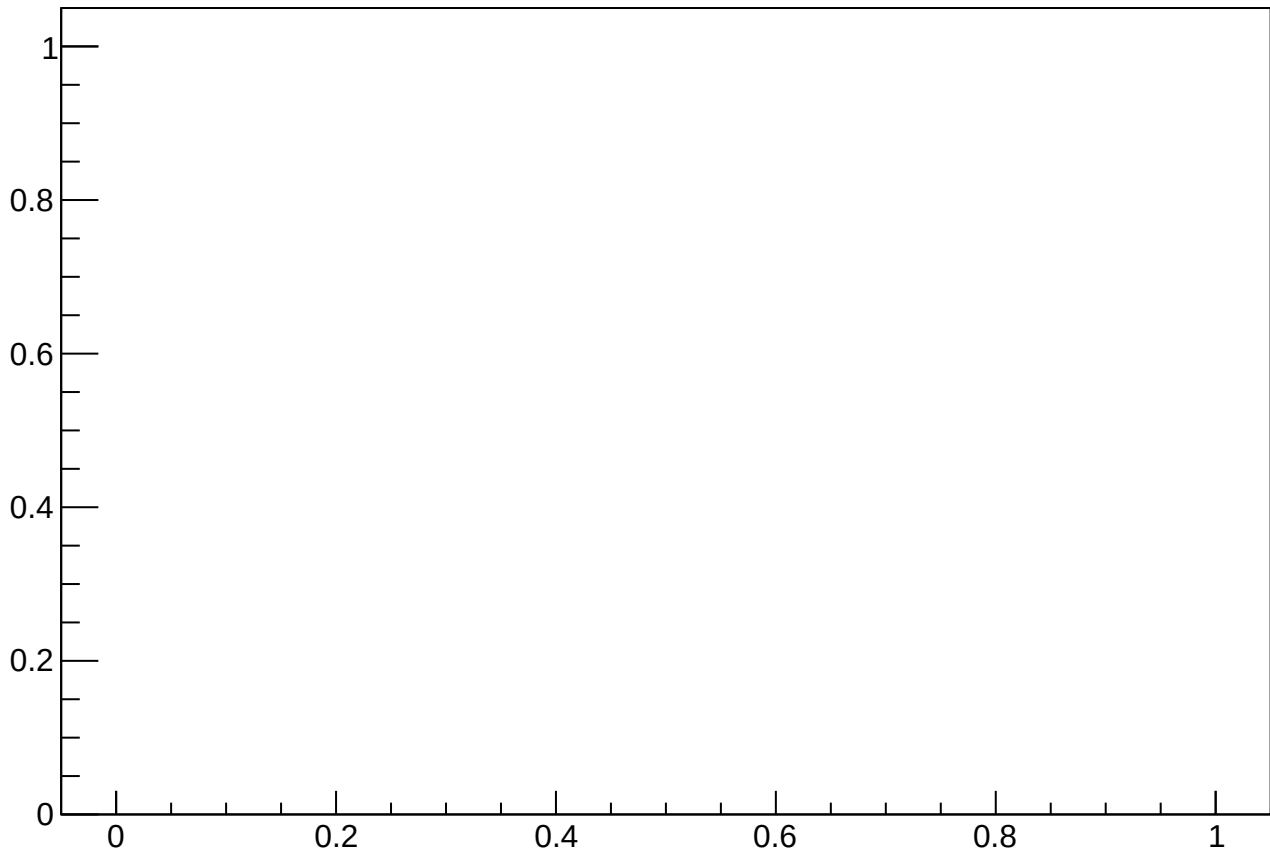
180.443+/-0.045 χ^2/NDF : 507394.2/12

Right Out: 180.021+/-0.049 χ^2/NDF : 572507.2/14

174.133+/-0.043 χ^2/NDF : 676735.0/16

Left In: 156.249+/-0.086 χ^2/NDF :46513.2/1

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

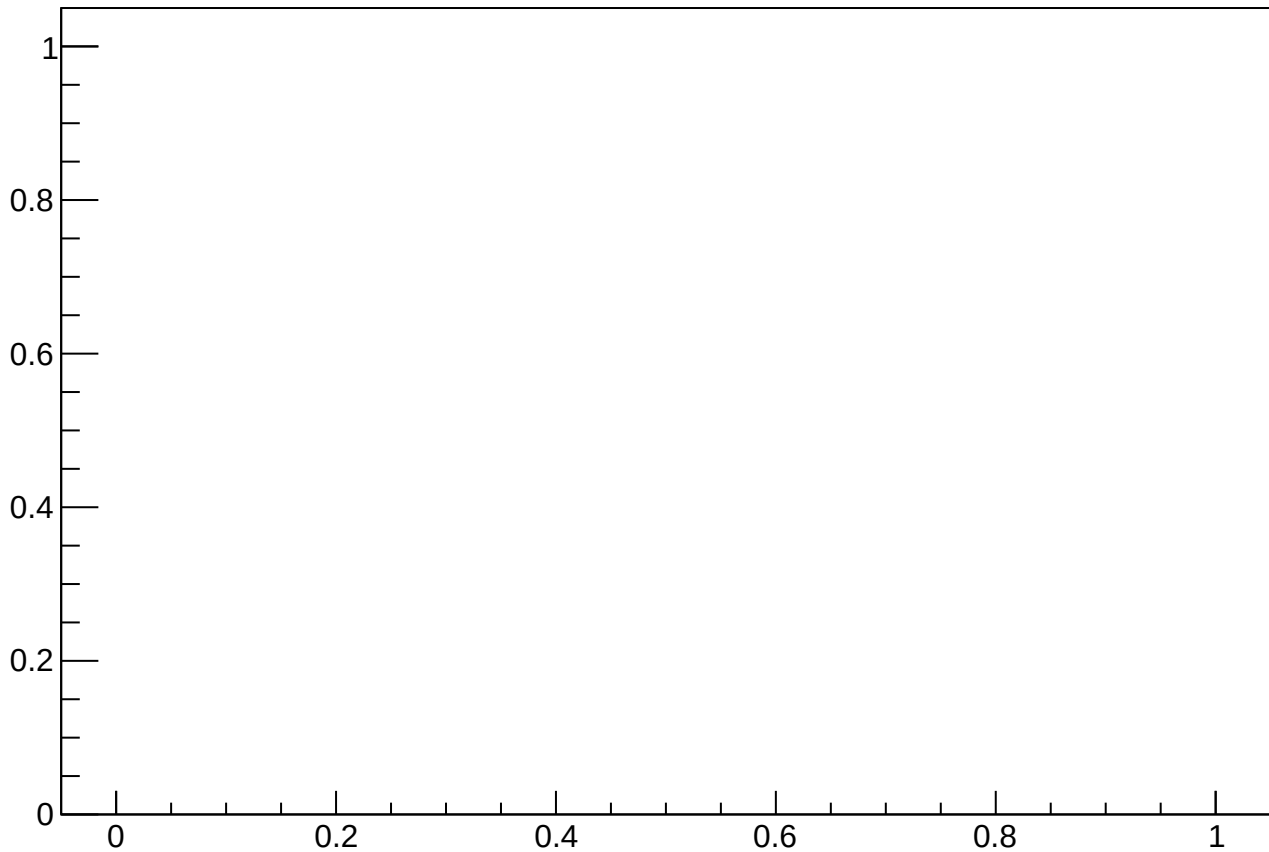
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

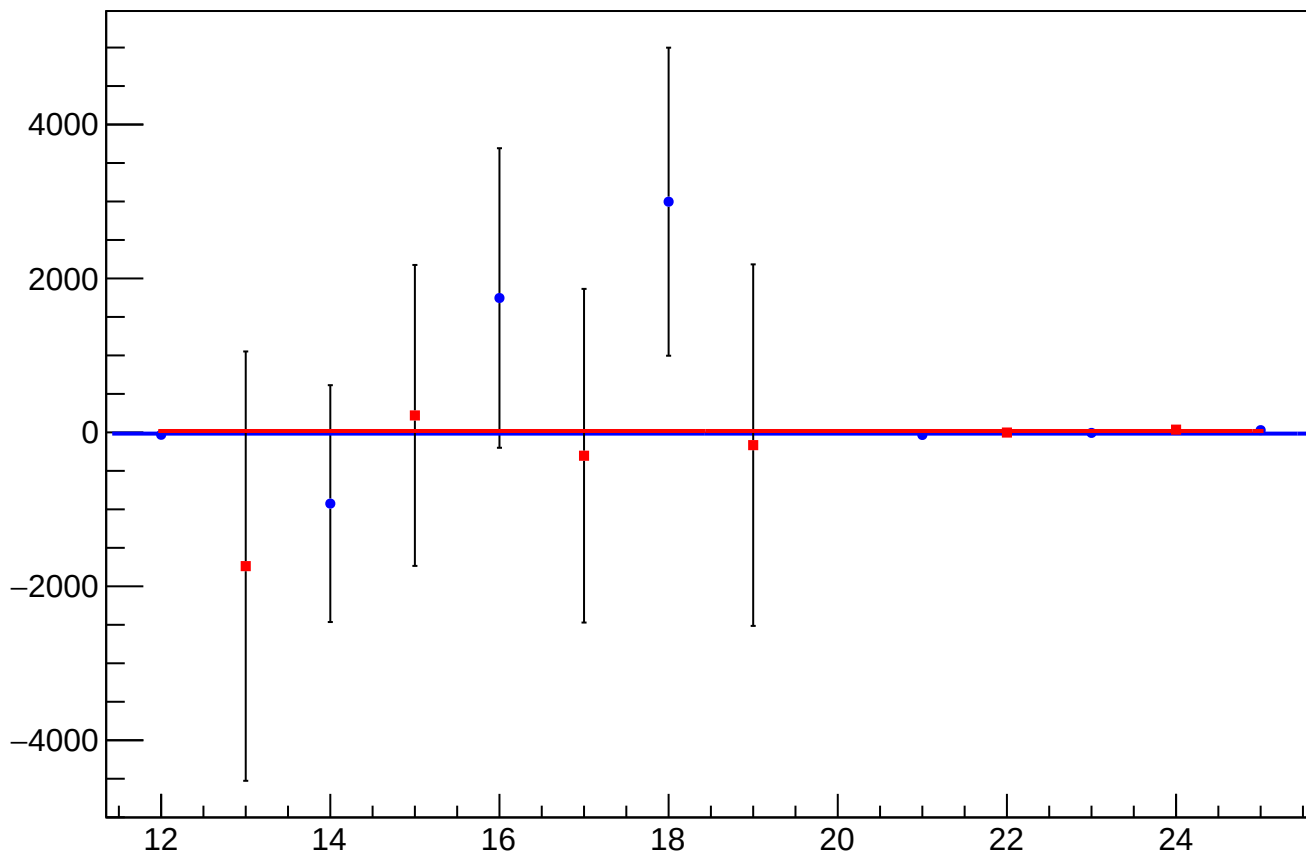
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

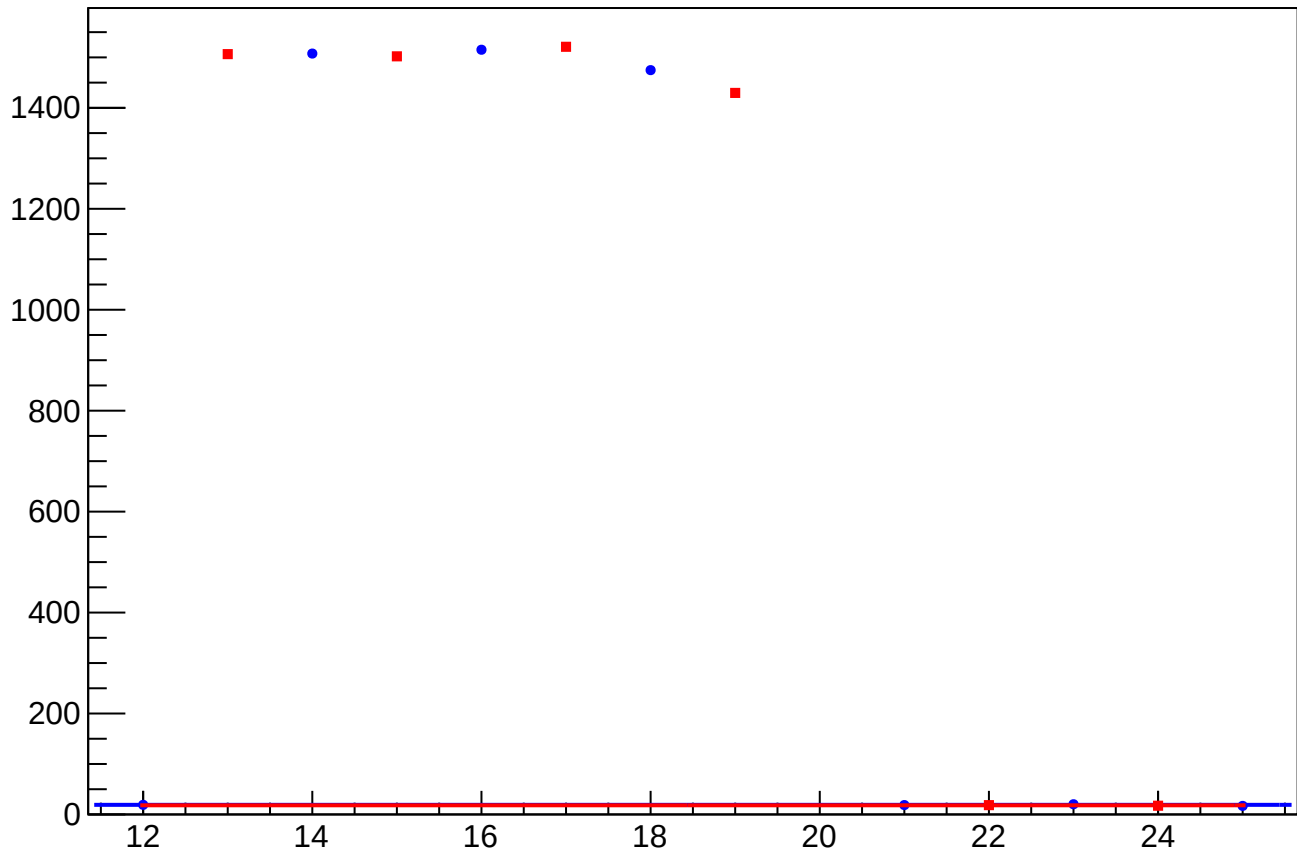
Right Out: 18.079+/-16.591 χ^2 /NDF: 1.7/5

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

-15.870+/-14.549 χ^2 /NDF: 6.0/6

18.079+/-16.591 χ^2 /NDF: 1.7/5

bcm_an_us_ds_dd_rms vs slug



Right In: 19.049 $\pm$ 0.010 χ^2 /NDF: 4122742.4/6

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

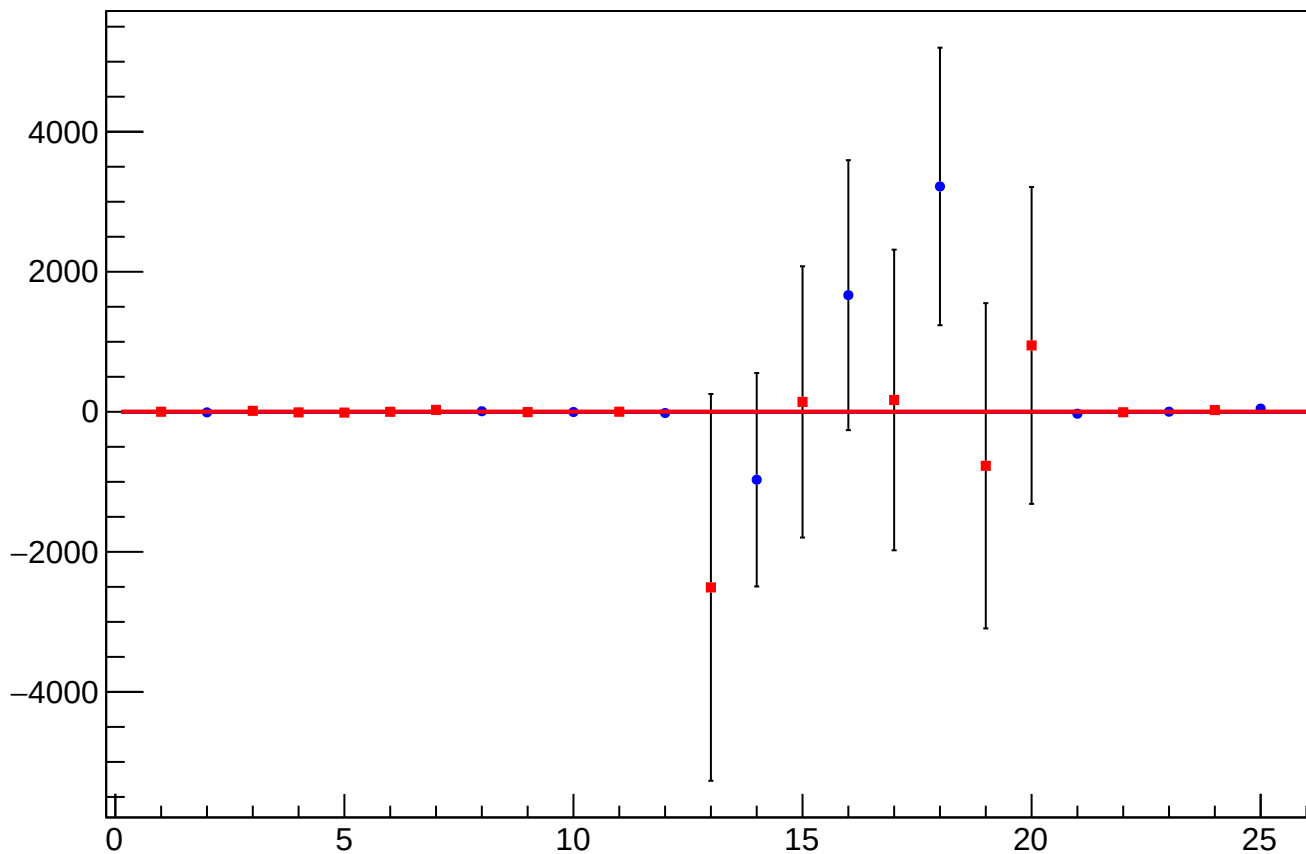
Right Out: 18.152 $\pm$ 0.012 χ^2 /NDF: 3408562.1/5

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

19.049 $\pm$ 0.010 χ^2 /NDF: 4122742.4/6

18.152 $\pm$ 0.012 χ^2 /NDF: 3408562.1/5

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

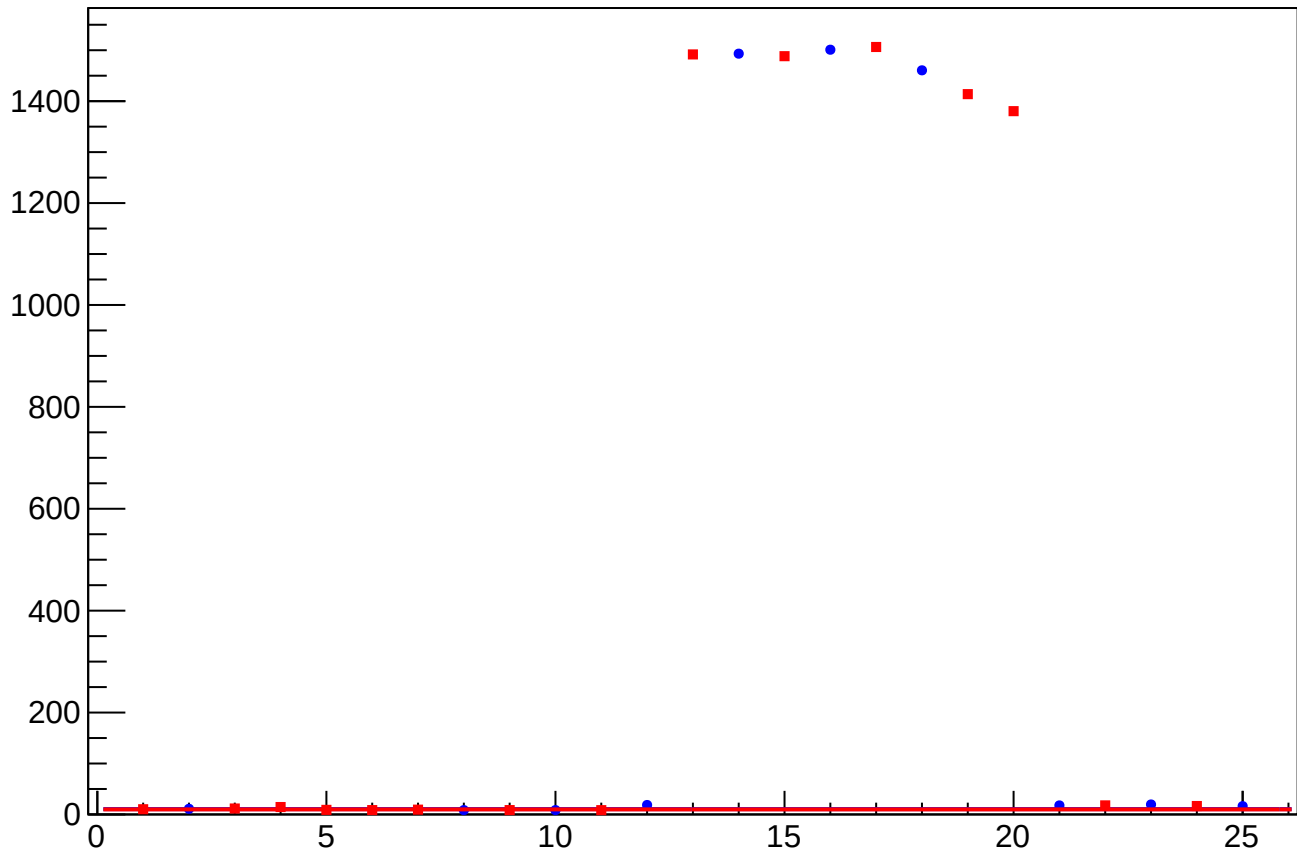
Right Out: 2.112+/-4.660 χ^2 /NDF: 5.3/14

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

-0.708+/-5.405 χ^2 /NDF: 8.6/9

2.112+/-4.660 χ^2 /NDF: 5.3/14

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

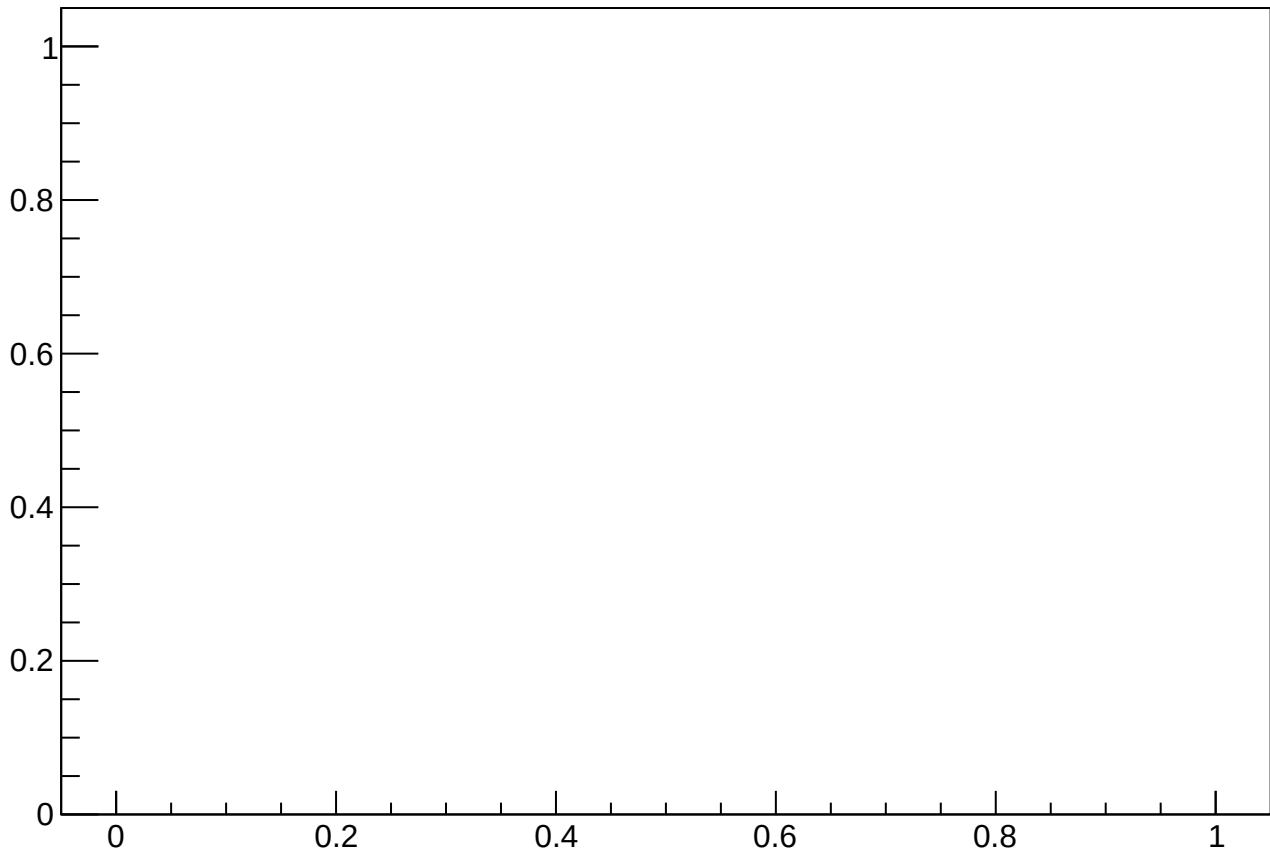
Right Out: 9.922+/-0.003 χ^2/NDF : 4786628.8/14

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

10.460+/-0.004 χ^2/NDF : 4924662.9/9

9.922+/-0.003 χ^2/NDF : 4786628.8/14

bcm_an_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

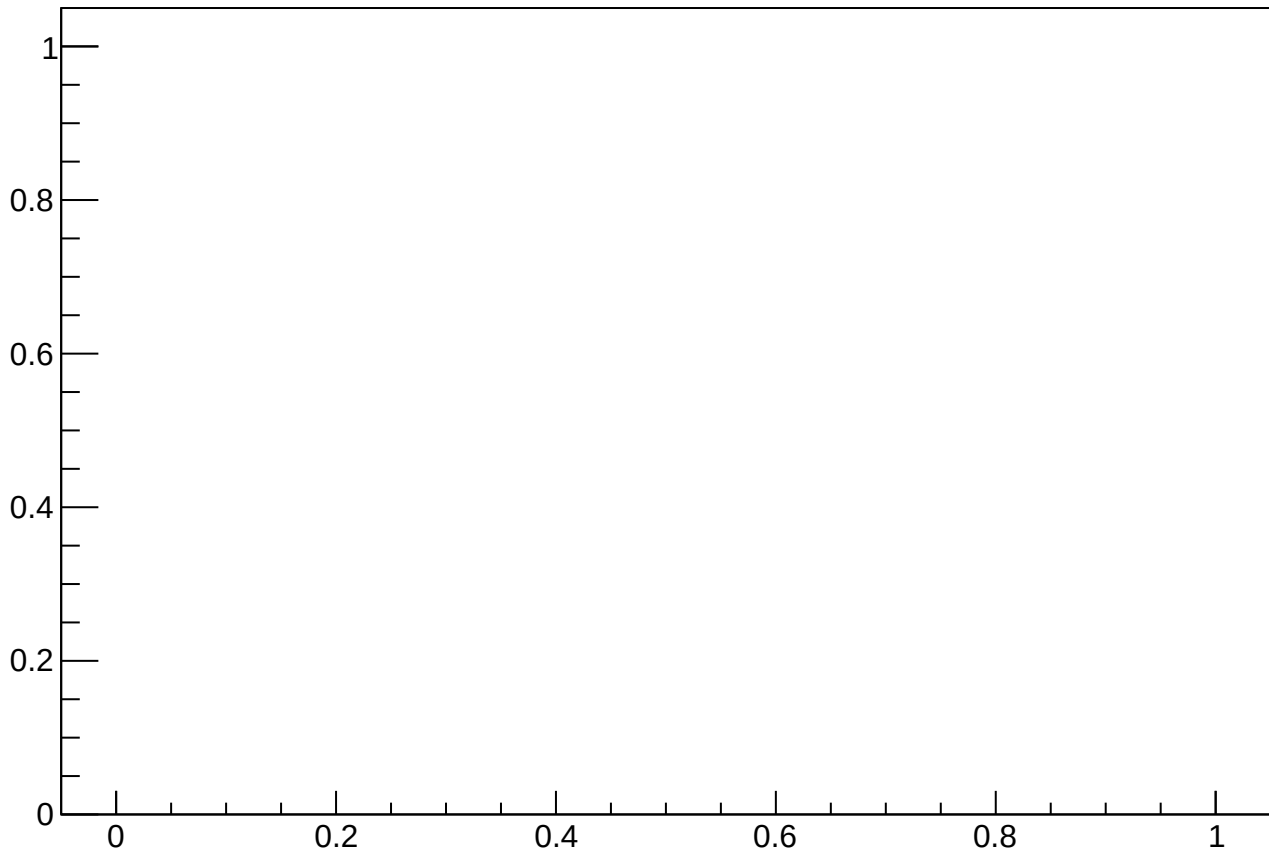
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

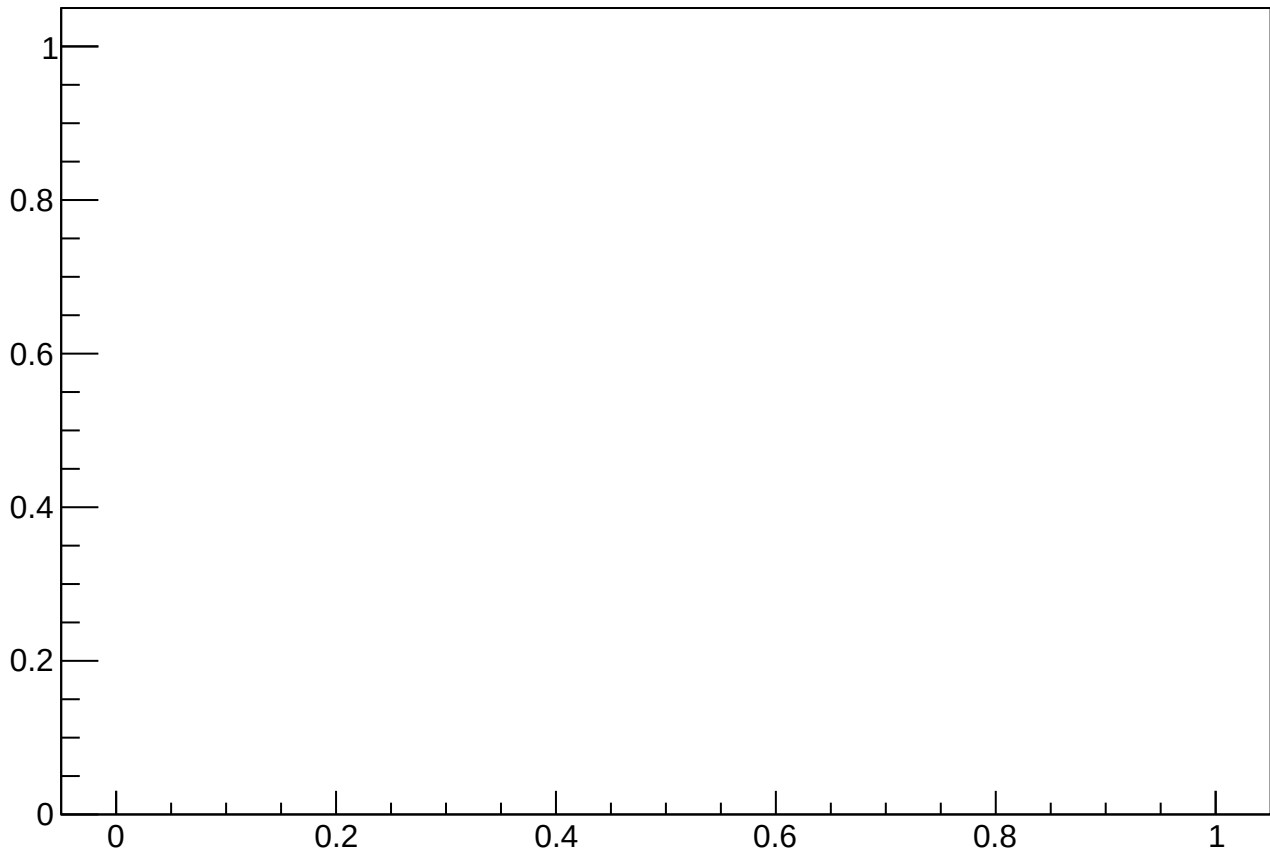
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

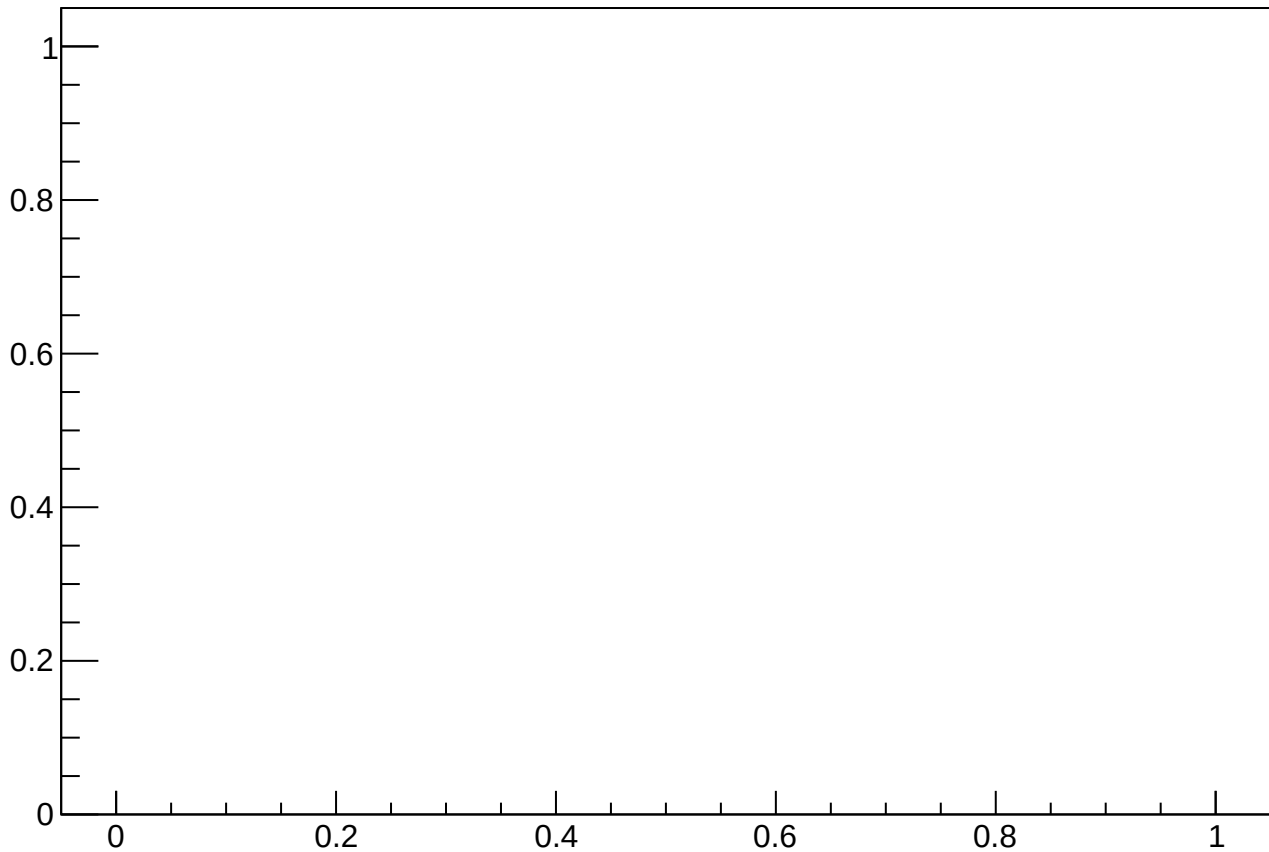
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

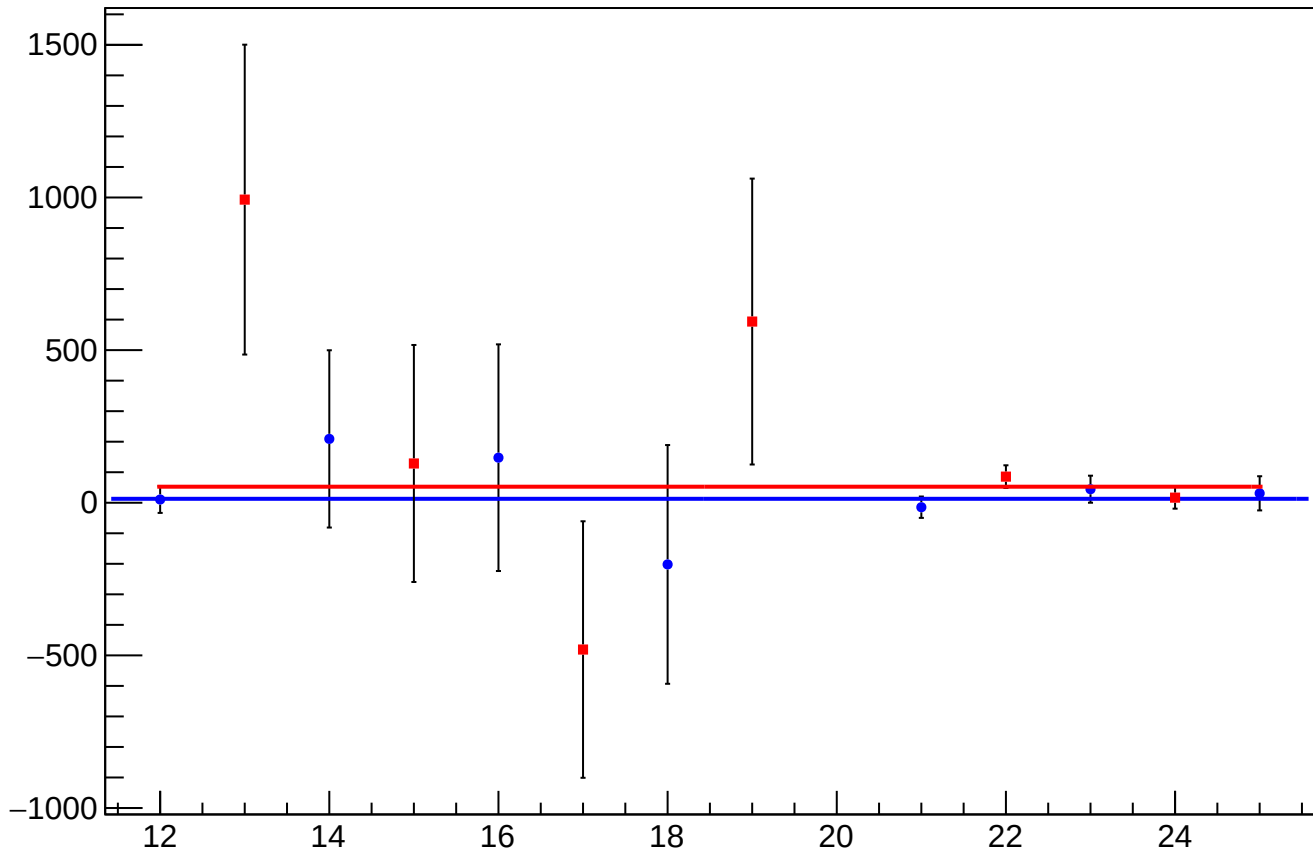
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

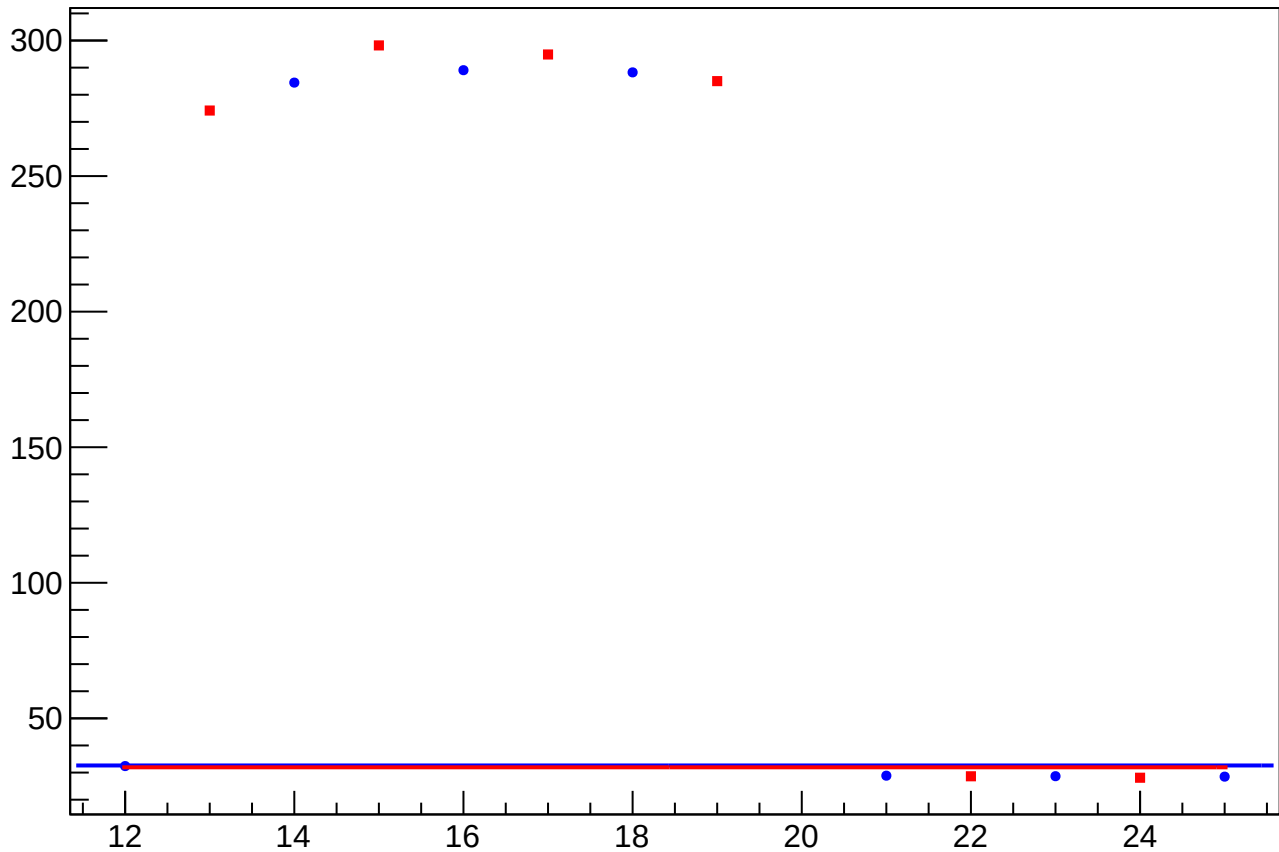
Right Out: 52.584+/-25.708 χ^2/NDF : 8.2/5

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

12.932+/-21.366 χ^2/NDF : 2.1/6

52.584+/-25.708 χ^2/NDF : 8.2/5

bcm_dg_us_ds_dd _rms vs slug



Right In: 32.622+/-0.015 χ^2/NDF : 3363416.8/6

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

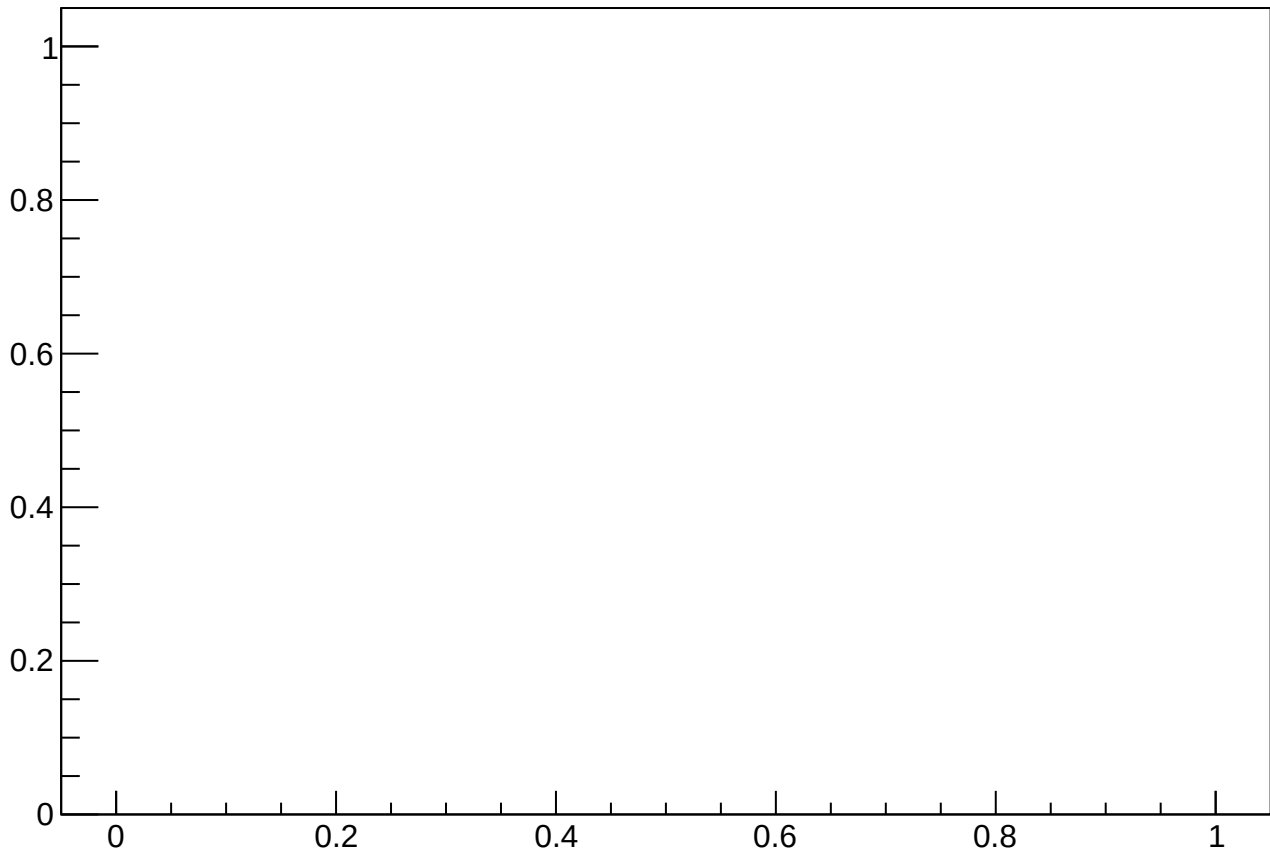
32.622+/-0.015 χ^2/NDF : 3363416.8/6

Right Out: 31.944+/-0.018 χ^2/NDF : 2801995.8/5

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

31.944+/-0.018 χ^2/NDF : 2801995.8/5

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

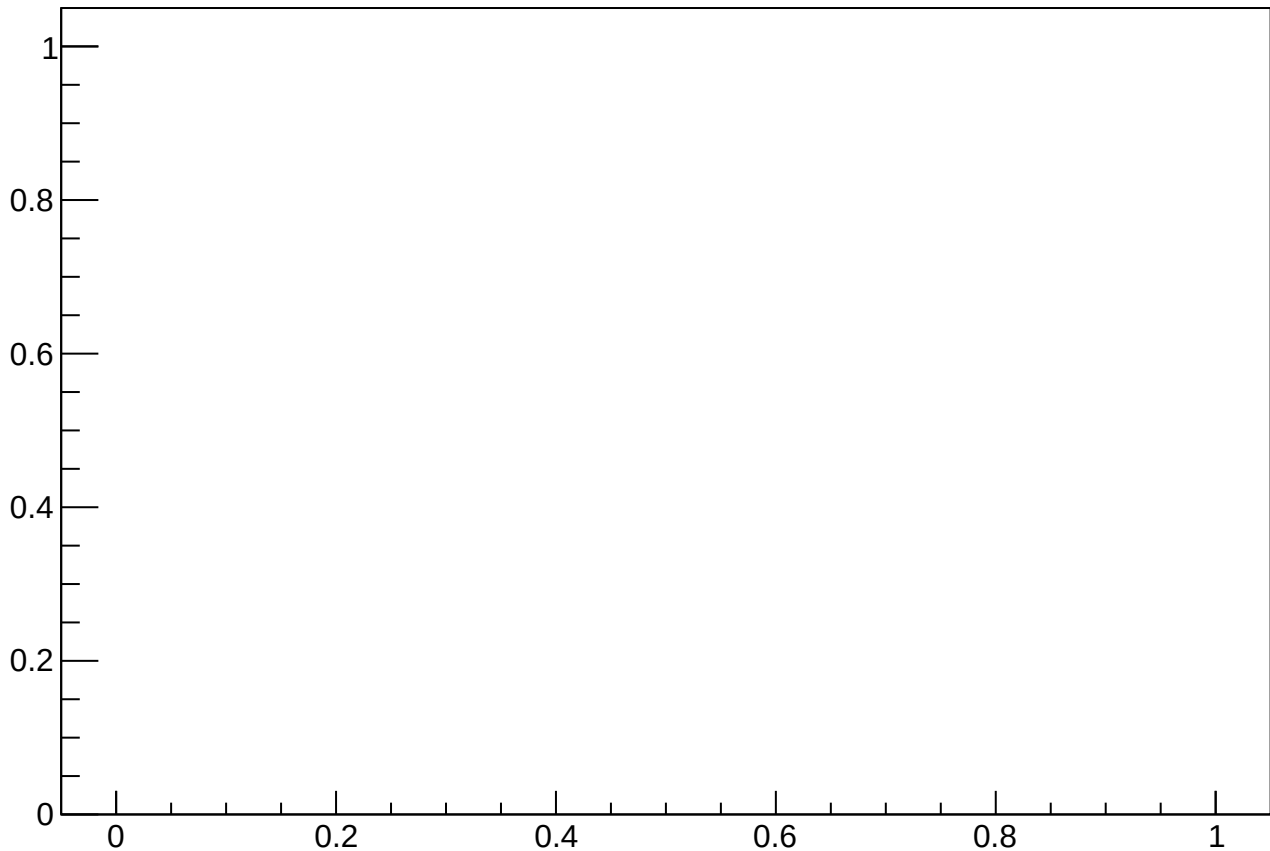
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

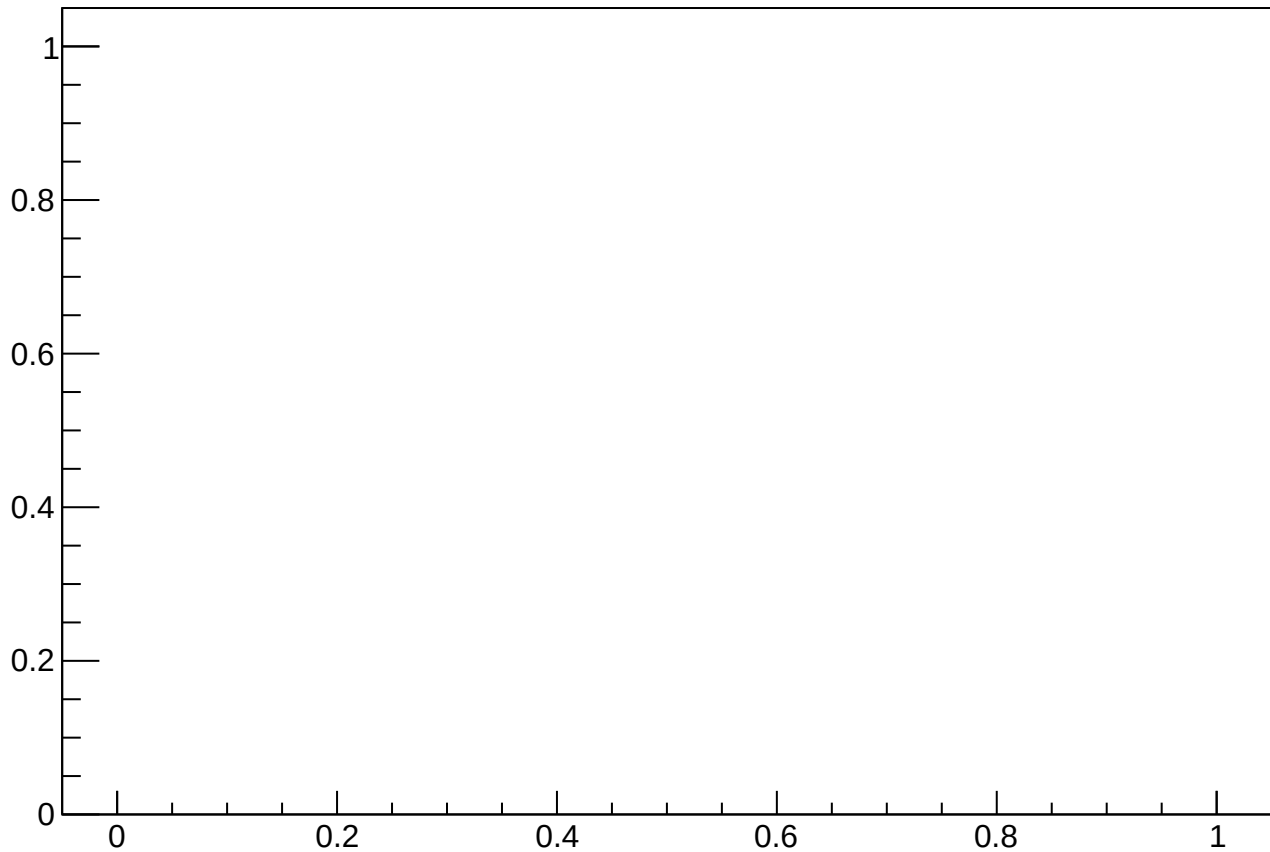
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

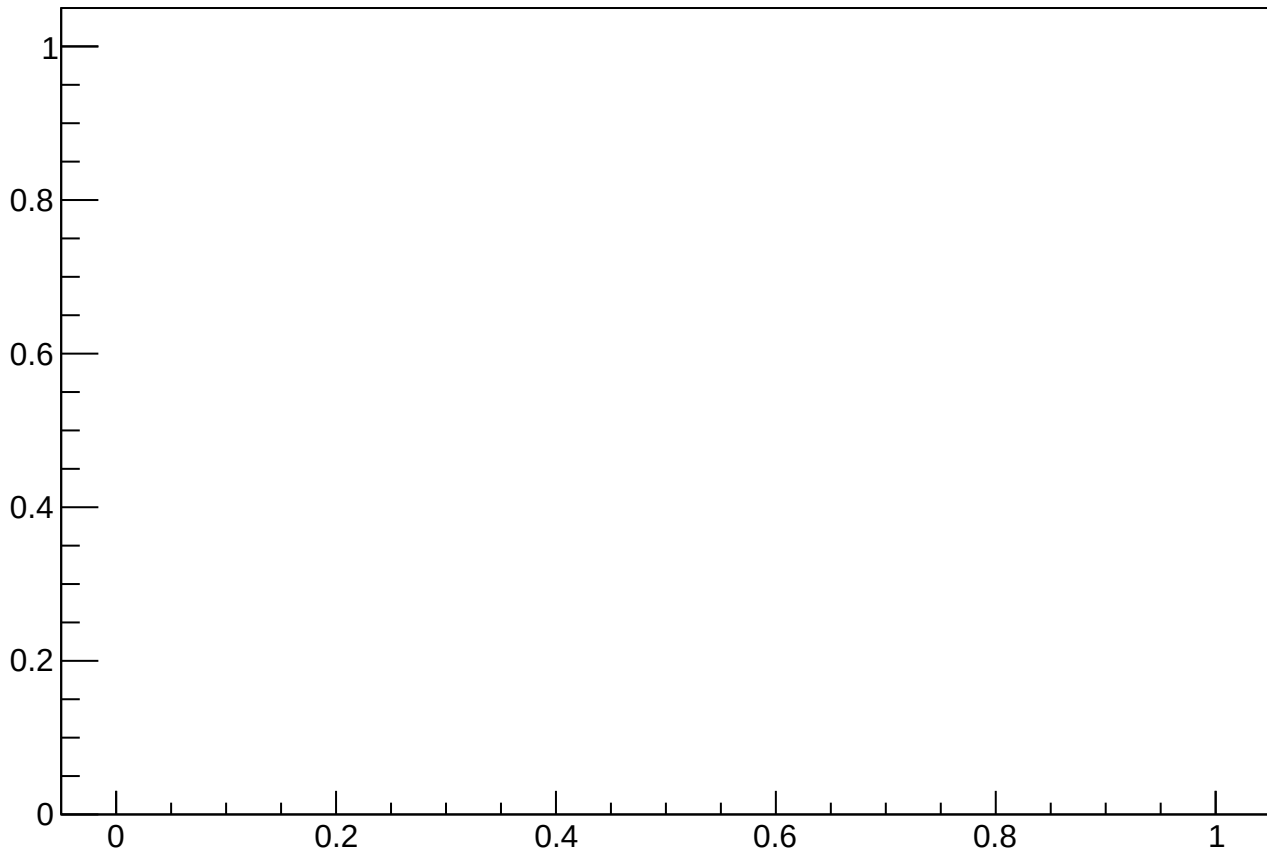
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

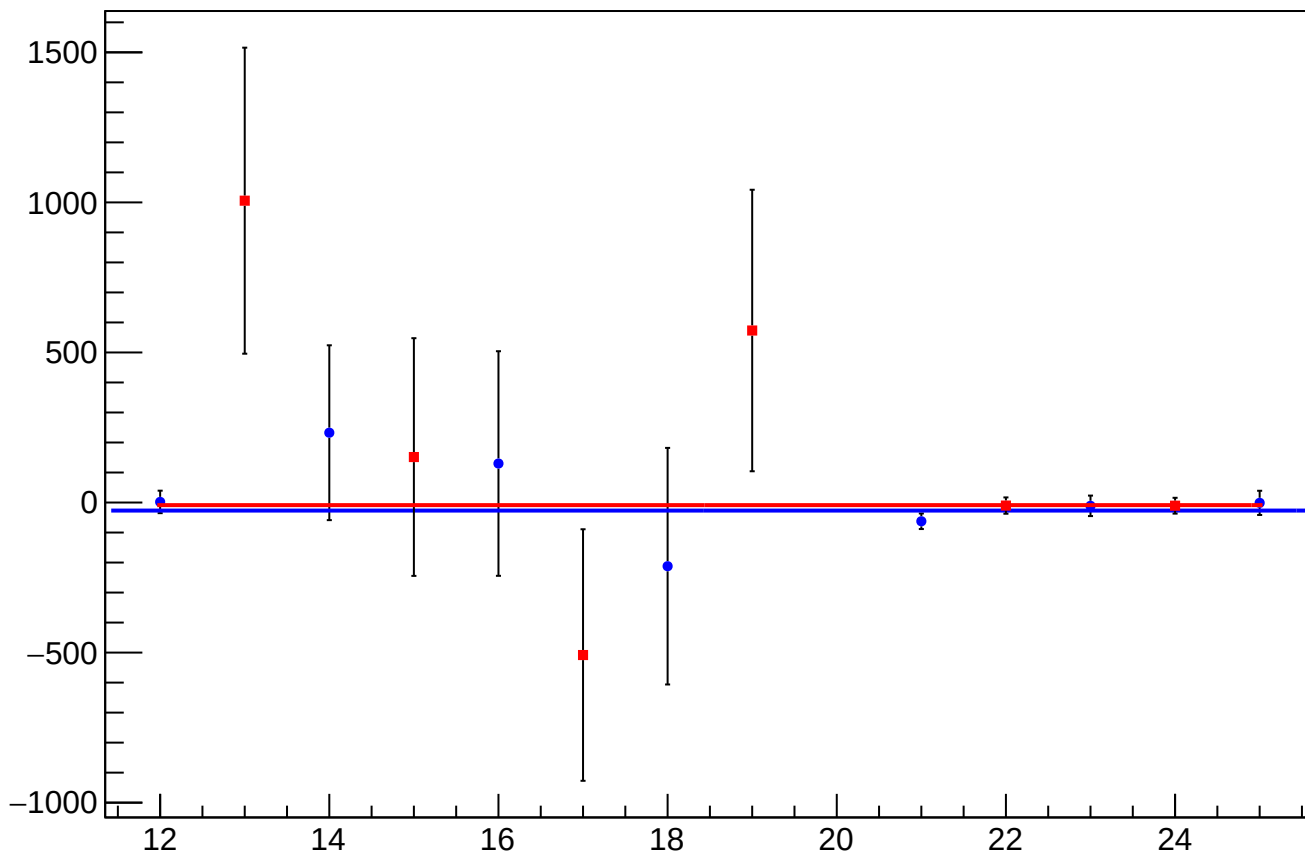
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

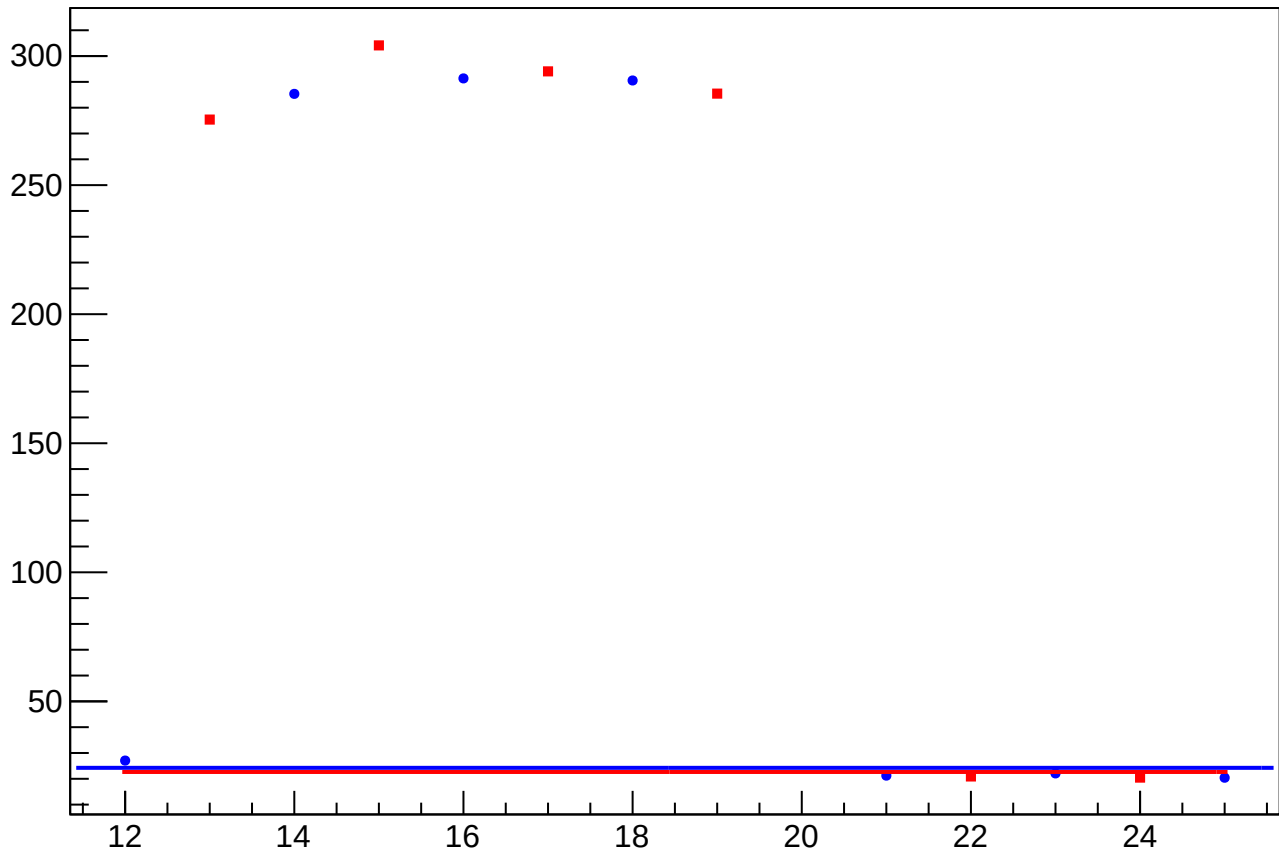
Right Out: -8.693 $\pm$ 18.847 χ^2 /NDF: 7.1/5

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

-26.808 $\pm$ 16.447 χ^2 /NDF: 4.3/6

-8.693 $\pm$ 18.847 χ^2 /NDF: 7.1/5

bcm_dg_ds_ds_dd_rms vs slug



Right In: 24.250+/-0.012 χ^2/NDF : 3603731.0/6

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

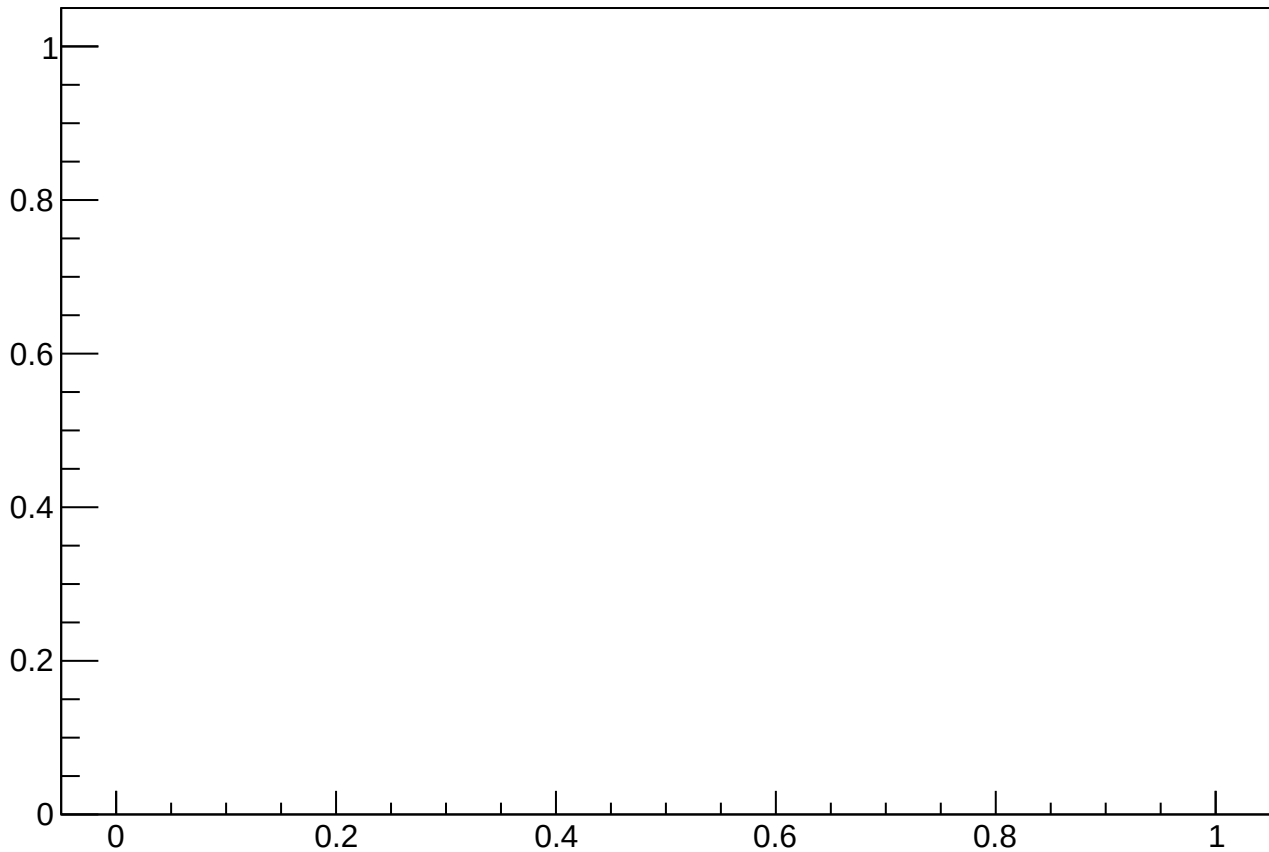
24.250+/-0.012 χ^2/NDF : 3603731.0/6

Right Out: 22.645+/-0.013 χ^2/NDF : 2991074.6/5

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

22.645+/-0.013 χ^2/NDF : 2991074.6/5

bcm_dg_ds_ds3_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

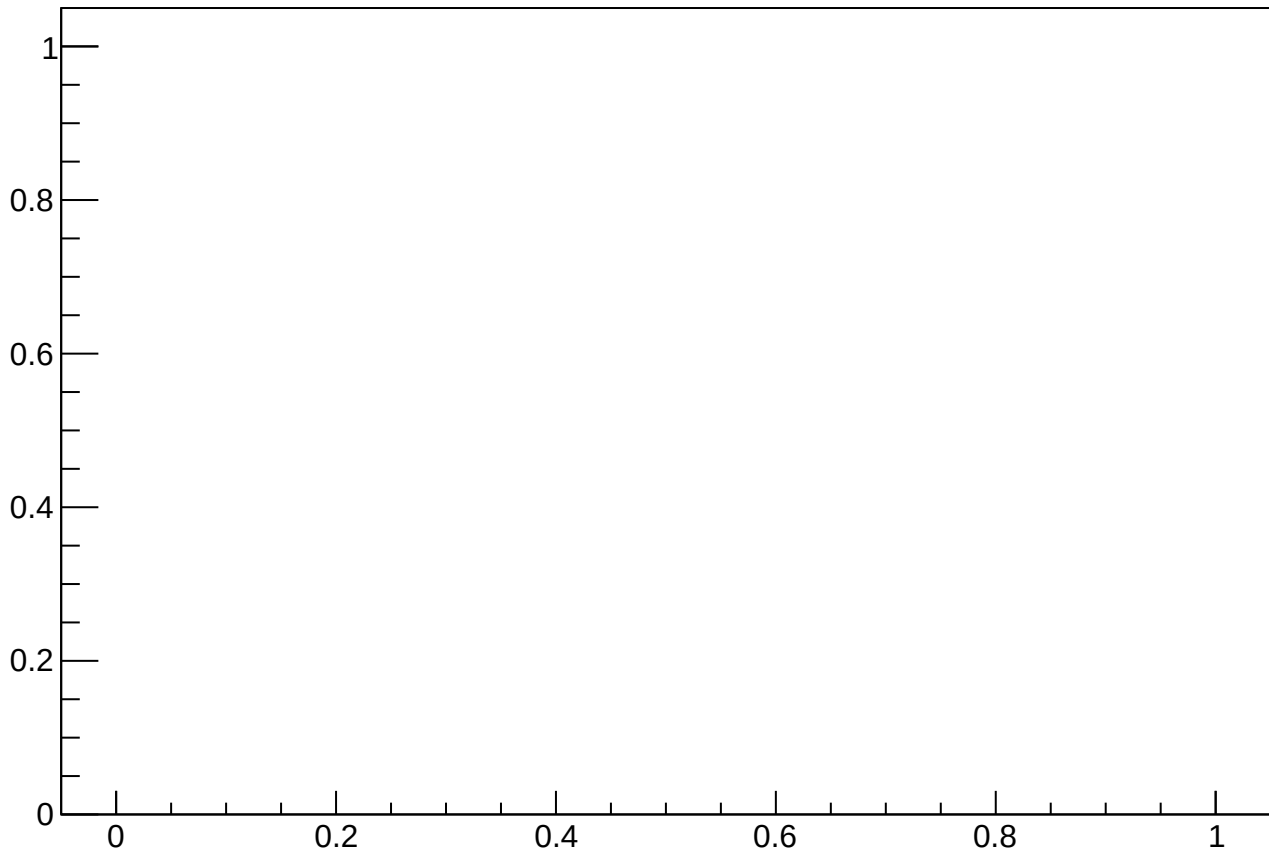
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

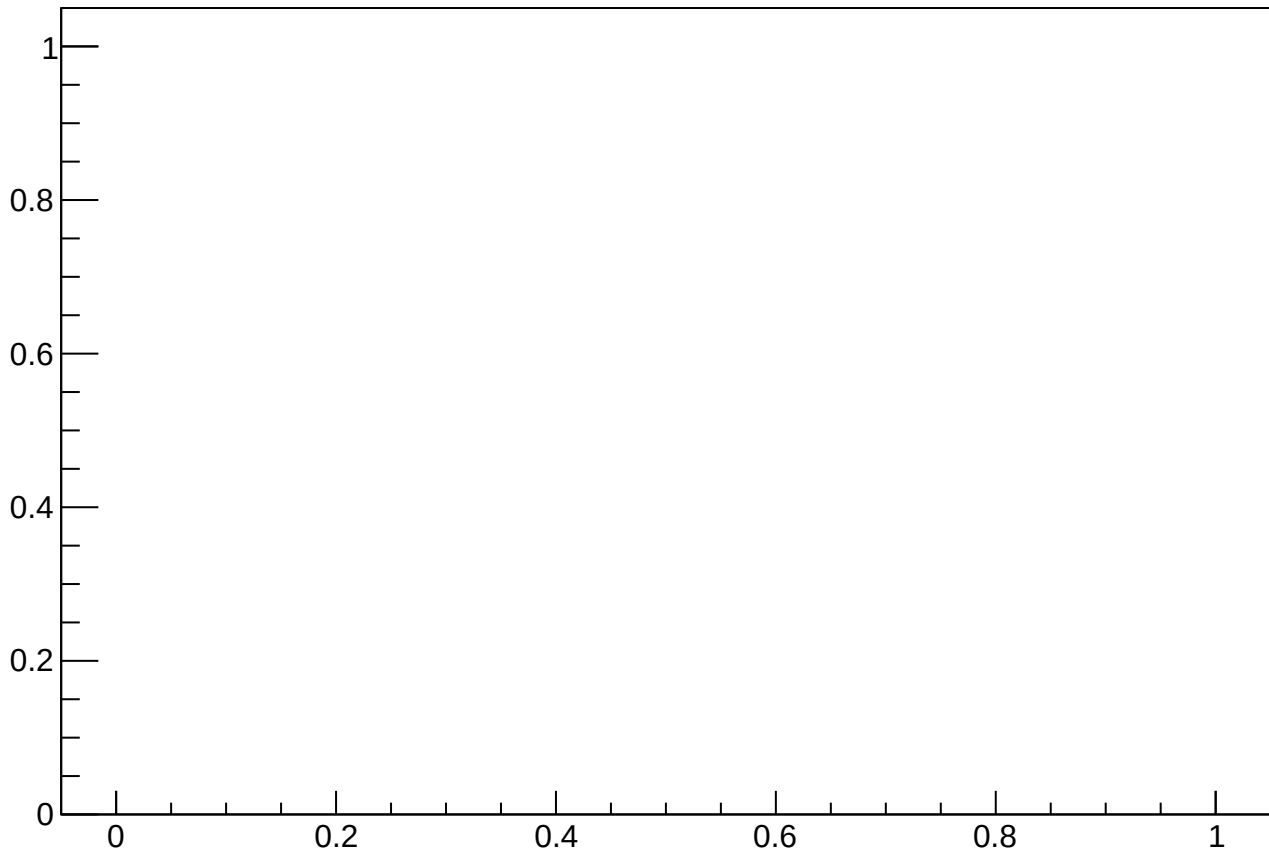
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

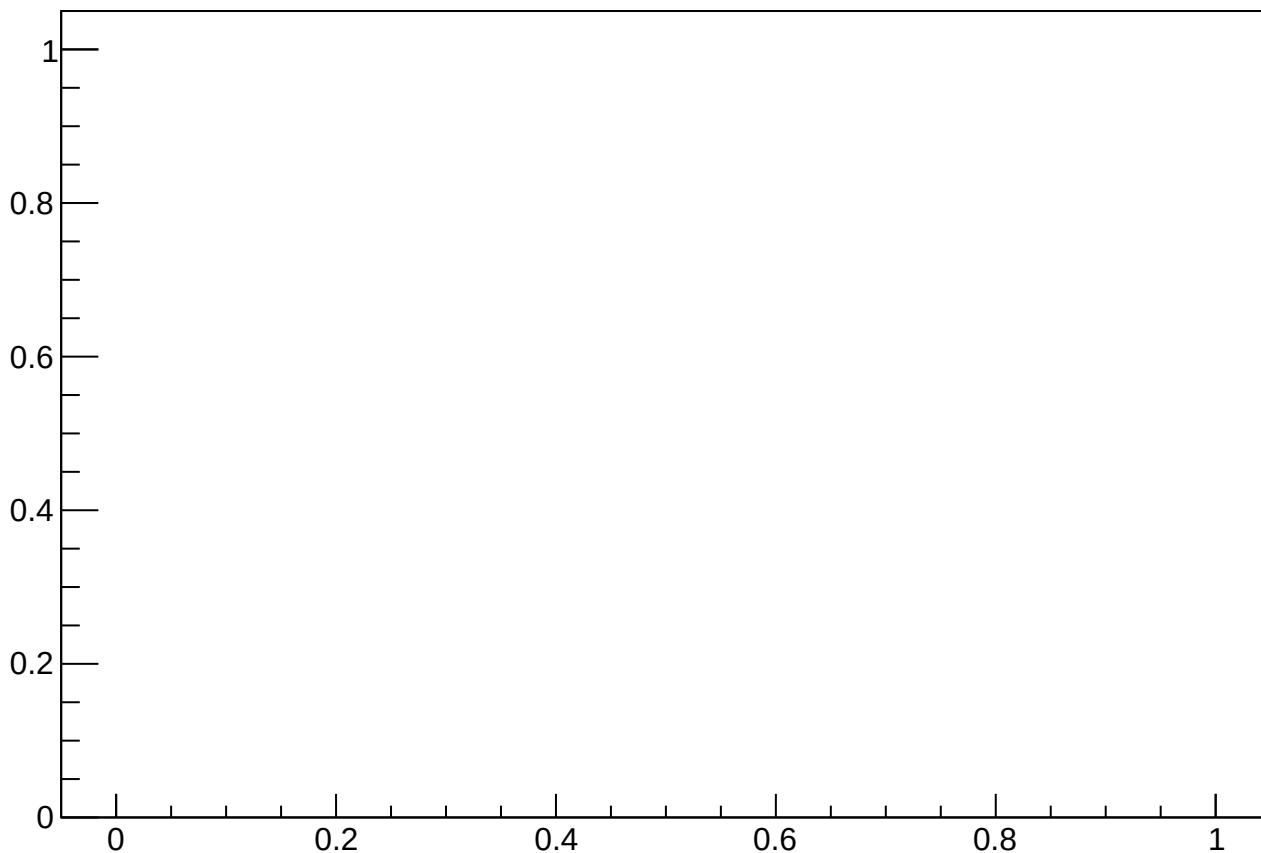
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

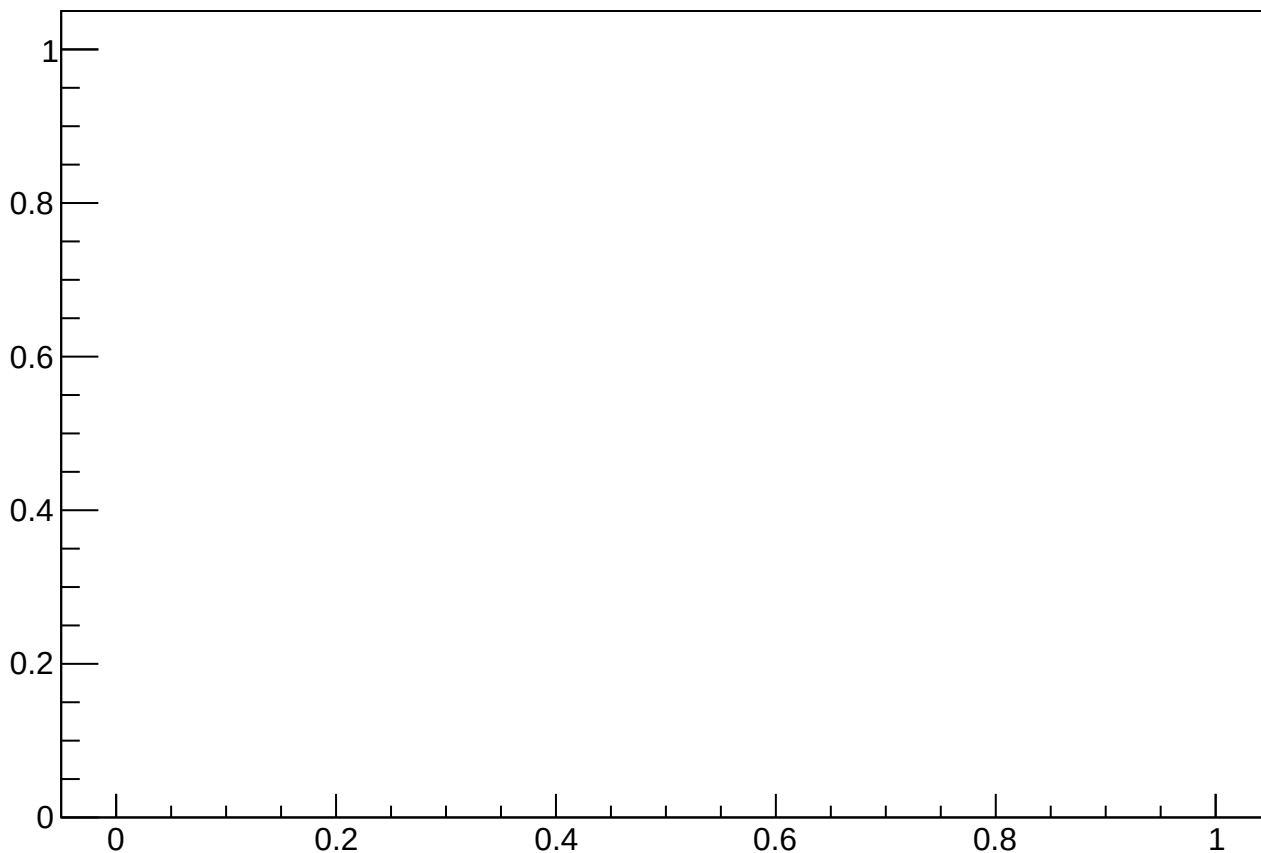
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

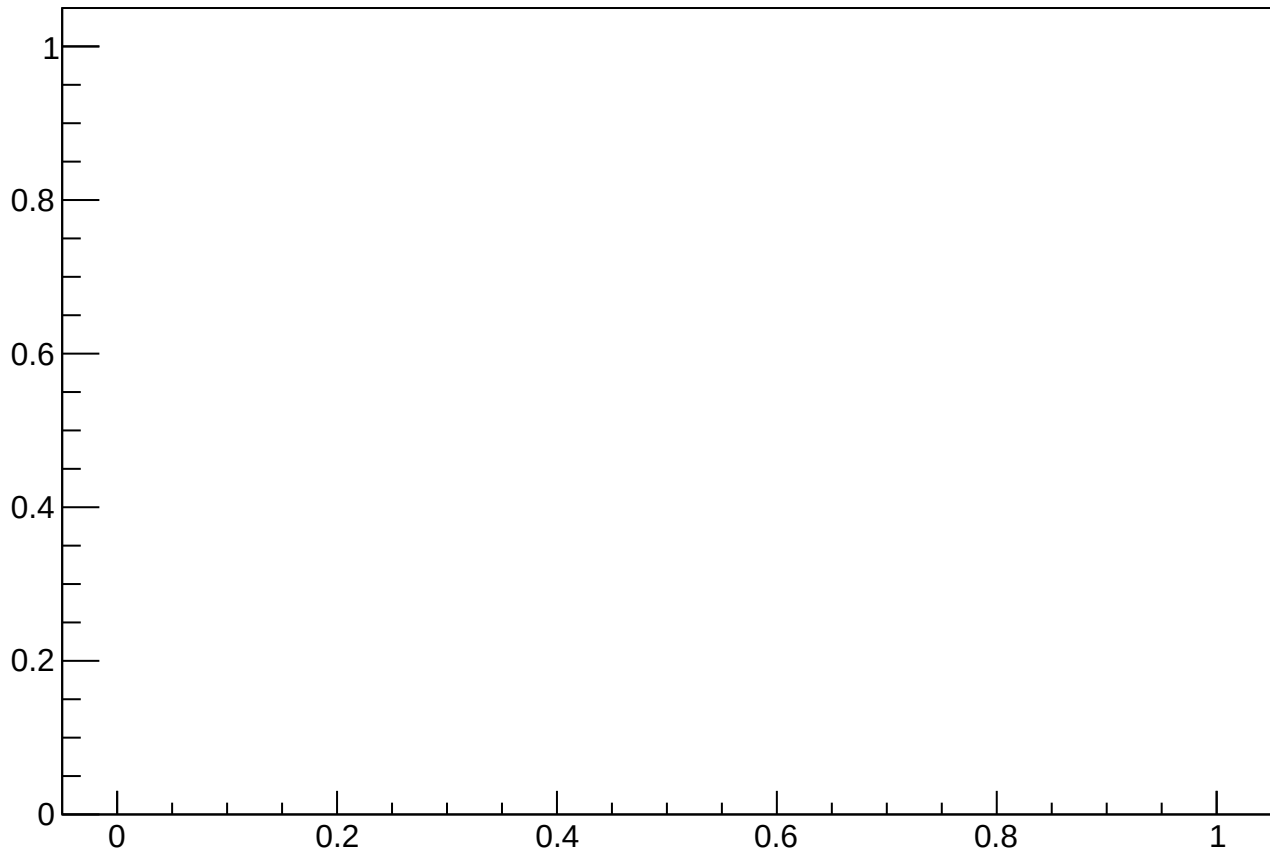
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

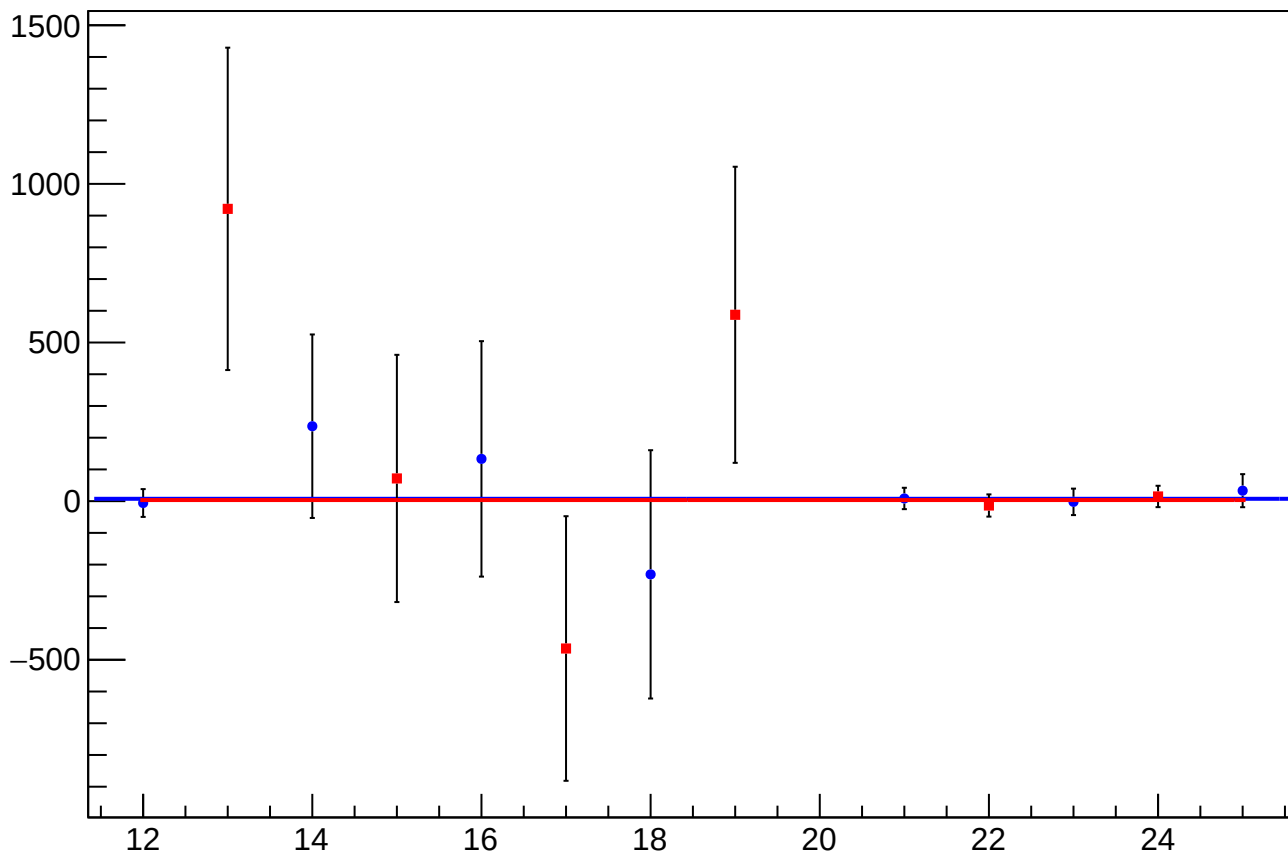
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

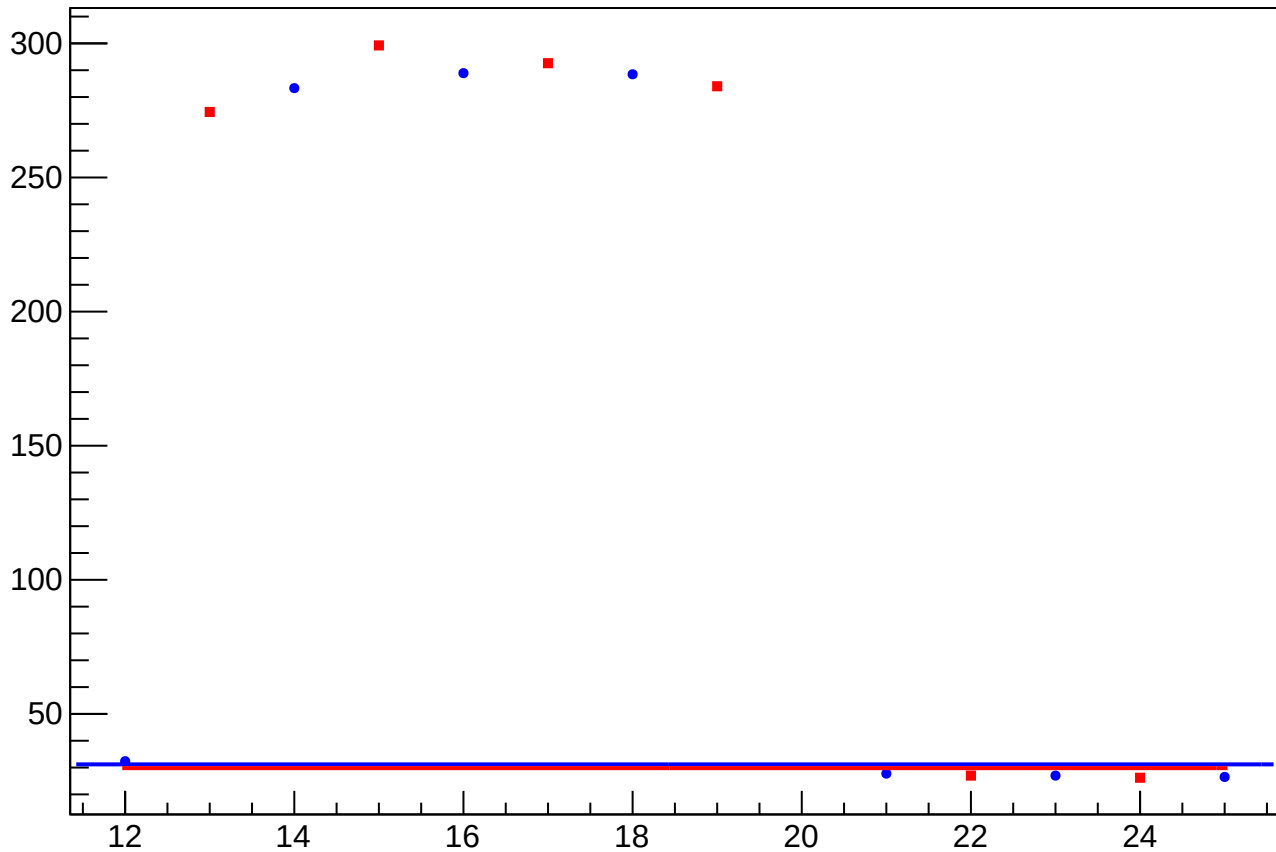
Right Out: 3.455+/-24.131 χ^2 /NDF: 6.5/5

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

7.425+/-20.533 χ^2 /NDF: 1.5/6

3.455+/-24.131 χ^2 /NDF: 6.5/5

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

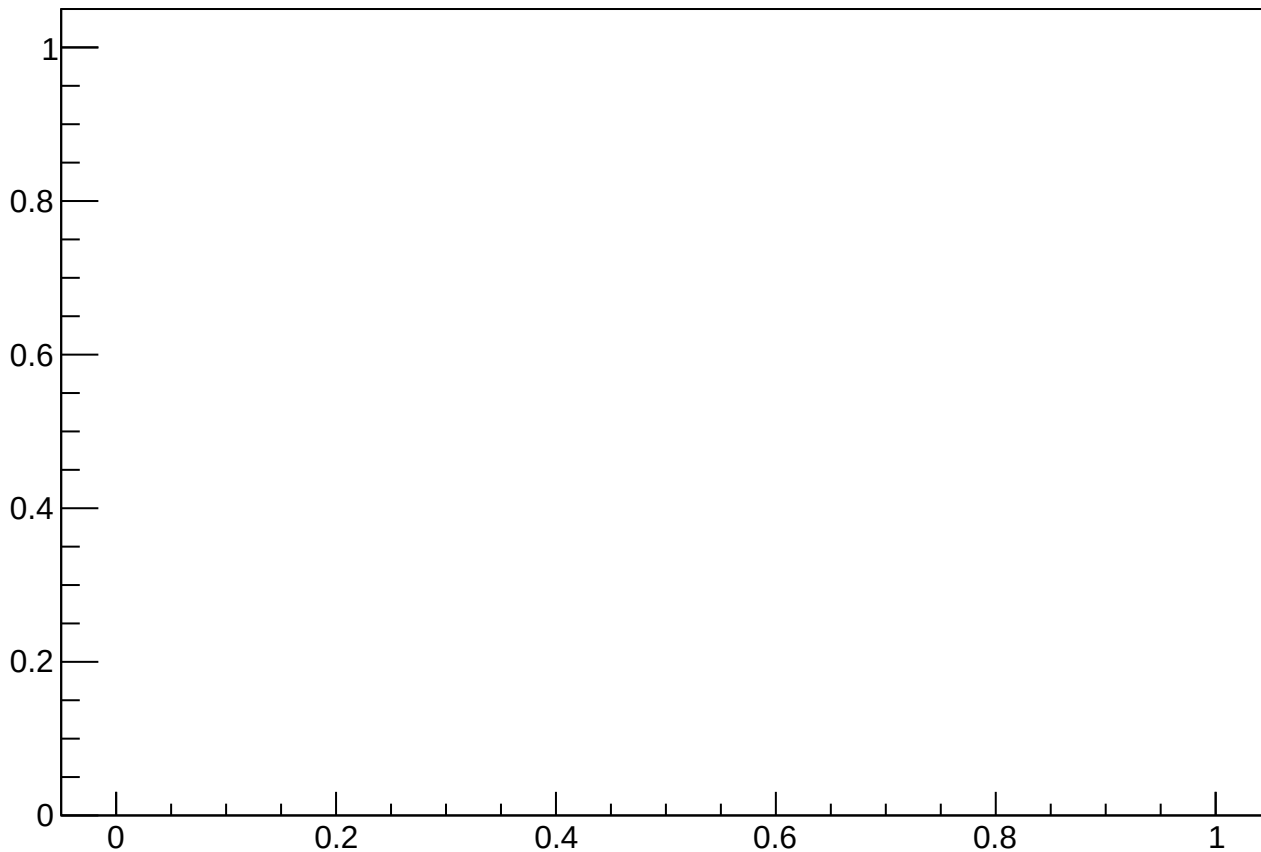
31.193+/-0.015 χ^2/NDF : 3408382.3/6

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

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

29.778+/-0.017 χ^2/NDF : 2843835.9/5

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

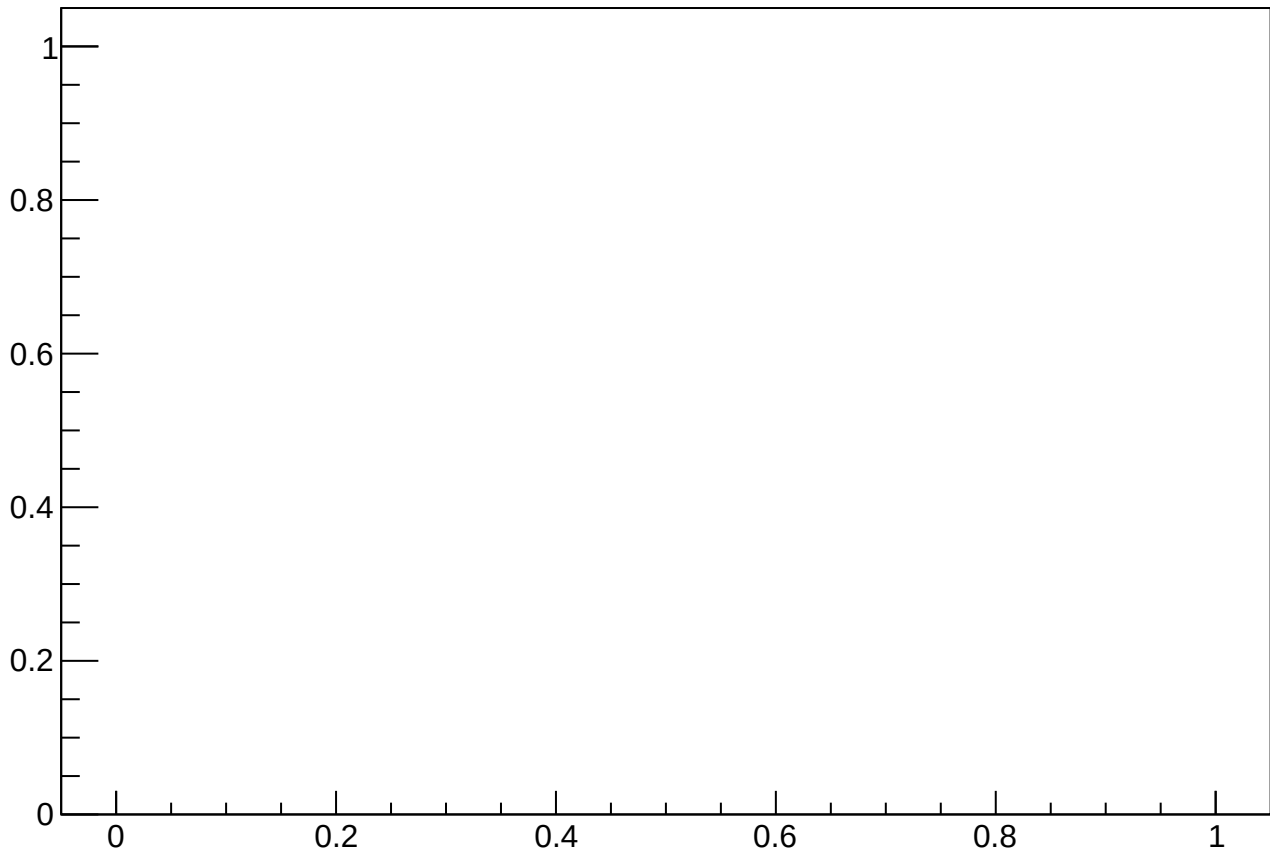
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

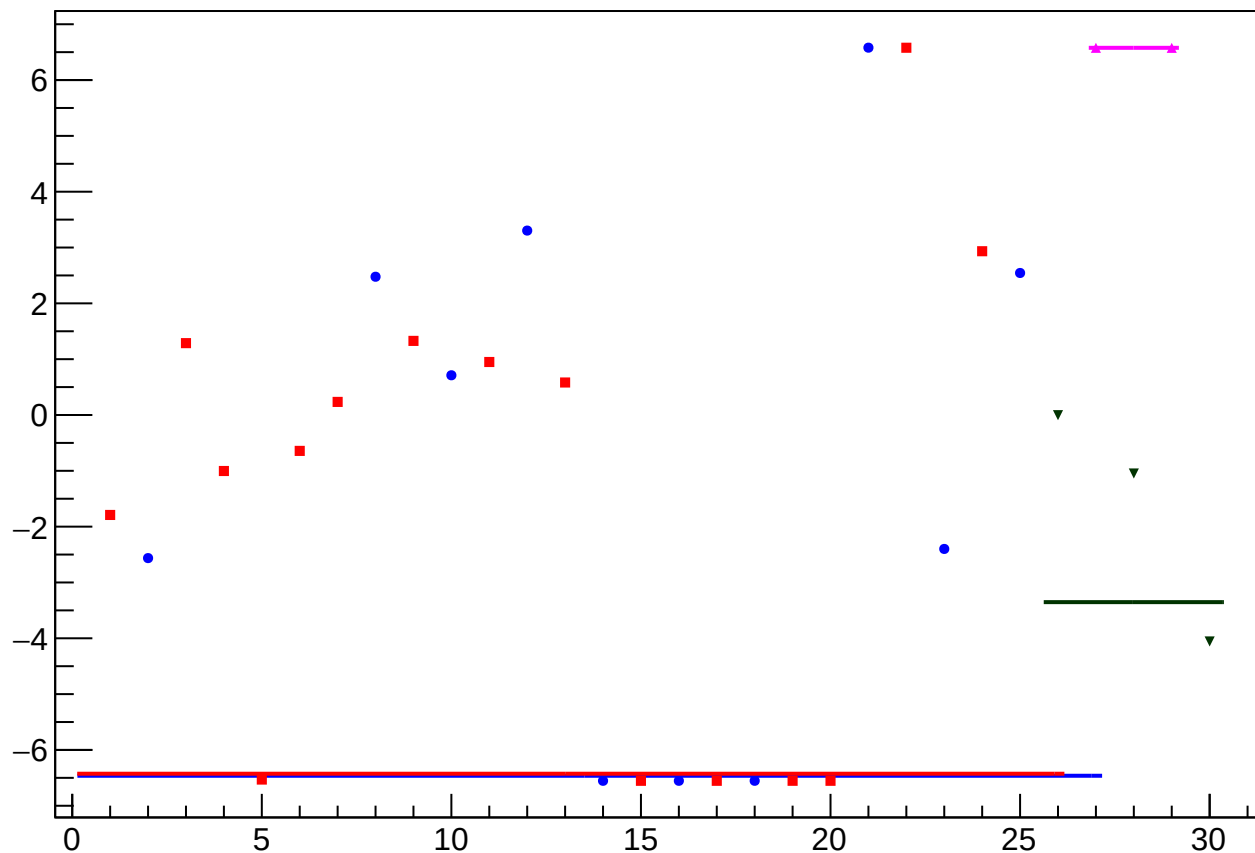
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_mean vs slug



Right In: -6.463+/-0.000 χ^2/NDF : 127750006810406.9/9

Left Out: -3.352+/-0.001 χ^2/NDF : 1094652.3/2

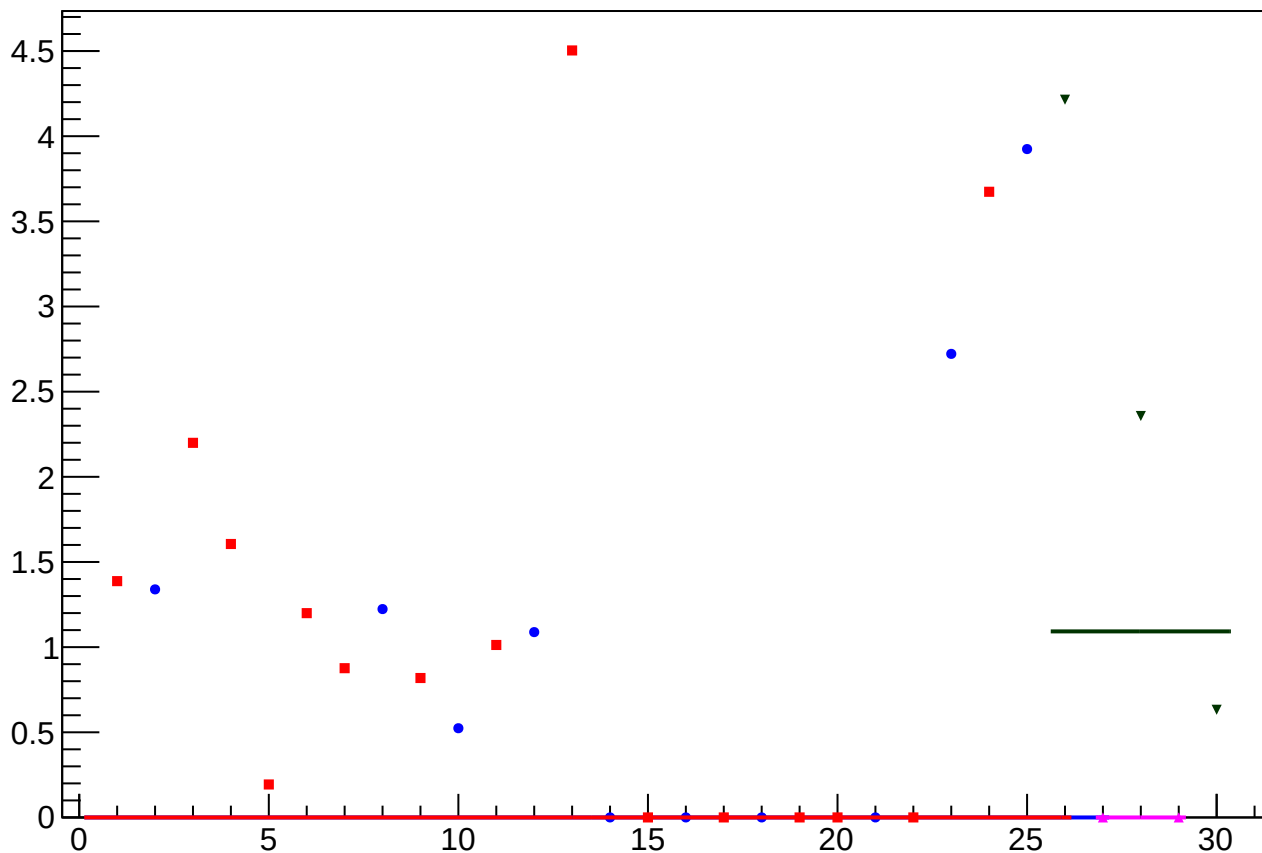
Right Out: -6.426+/-0.000 χ^2/NDF : 150783926203629.7/14

Left In: 6.578+/-0.000 χ^2/NDF : 72048.9/1

-6.463+/-0.000 χ^2/NDF : 127750013745970.4/1

-6.304+/-0.000 χ^2/NDF : 296844785416145.8/1

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4624776.2/9

Left Out: 1.092+/-0.001 χ^2/NDF :1062425.6/2

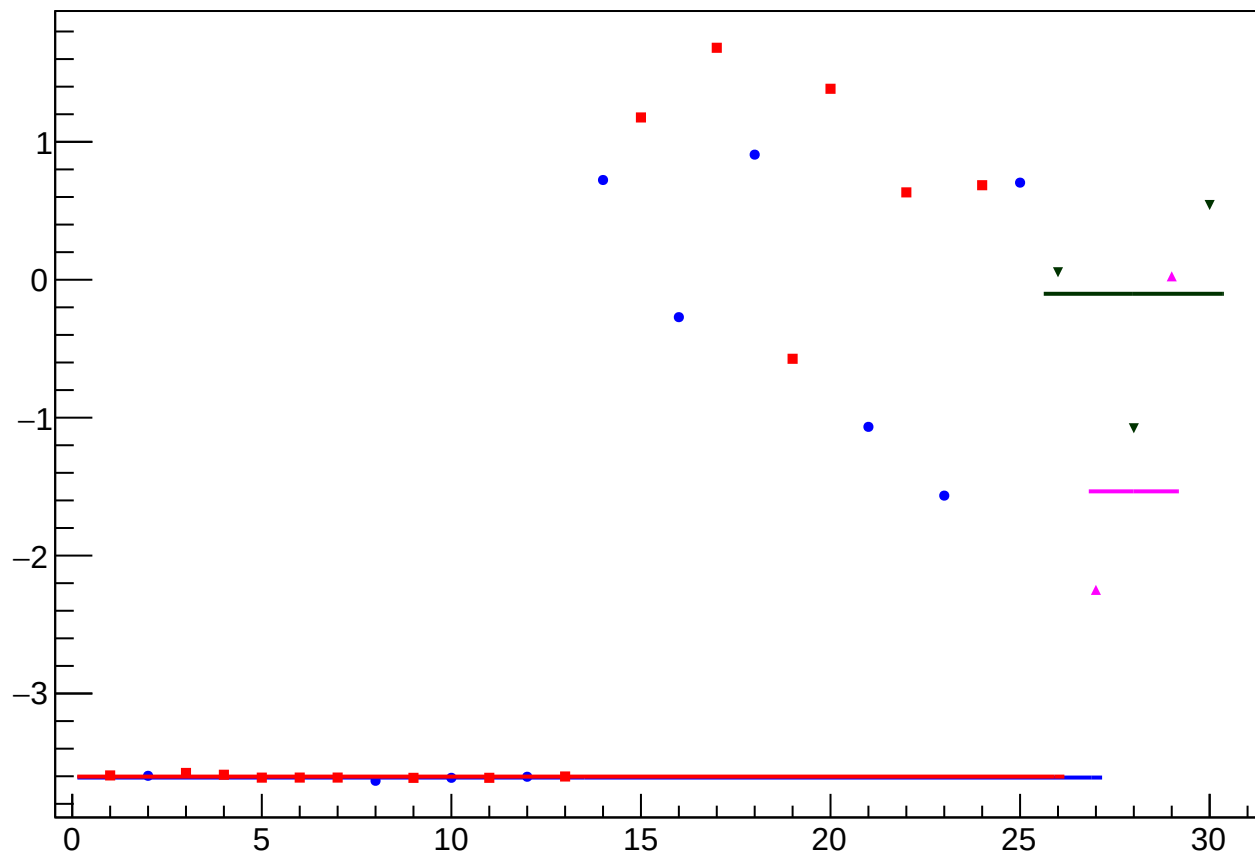
Right Out: 0.000+/-0.000 χ^2/NDF : 6169271.5/14

Left In: 0.000+/-0.000 χ^2/NDF :0.4/1

0.000+/-0.000 χ^2/NDF : 7128069.3/12

0.000+/-0.000 χ^2/NDF : 6169289.1/16

yield_cav4bY_mean vs slug



Right In: -3.609+/-0.000 χ^2/NDF : 105064111079.6/9

Left Out: -0.102+/-0.001 χ^2/NDF : 1150895.4/2

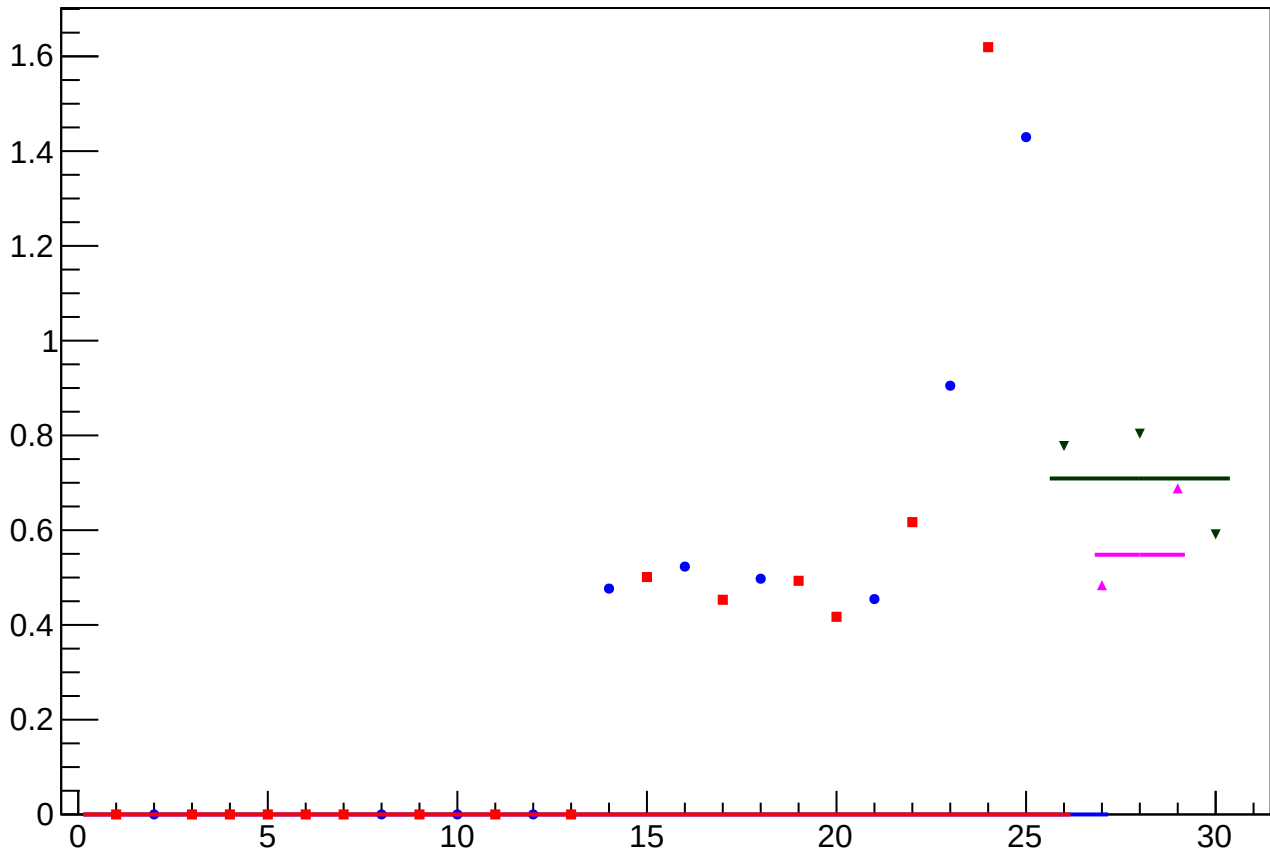
Right Out: -3.602+/-0.000 χ^2/NDF : 113999569380.7/14

Left In: -1.534+/-0.001 χ^2/NDF : 3818810.3/1

-3.609+/-0.000 χ^2/NDF : 105094956704.0/12

-3.602+/-0.000 χ^2/NDF : 114018056693.3/16

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 5242406.7/9

Left Out: 0.709+/-0.000 χ^2/NDF : 47382.6/2

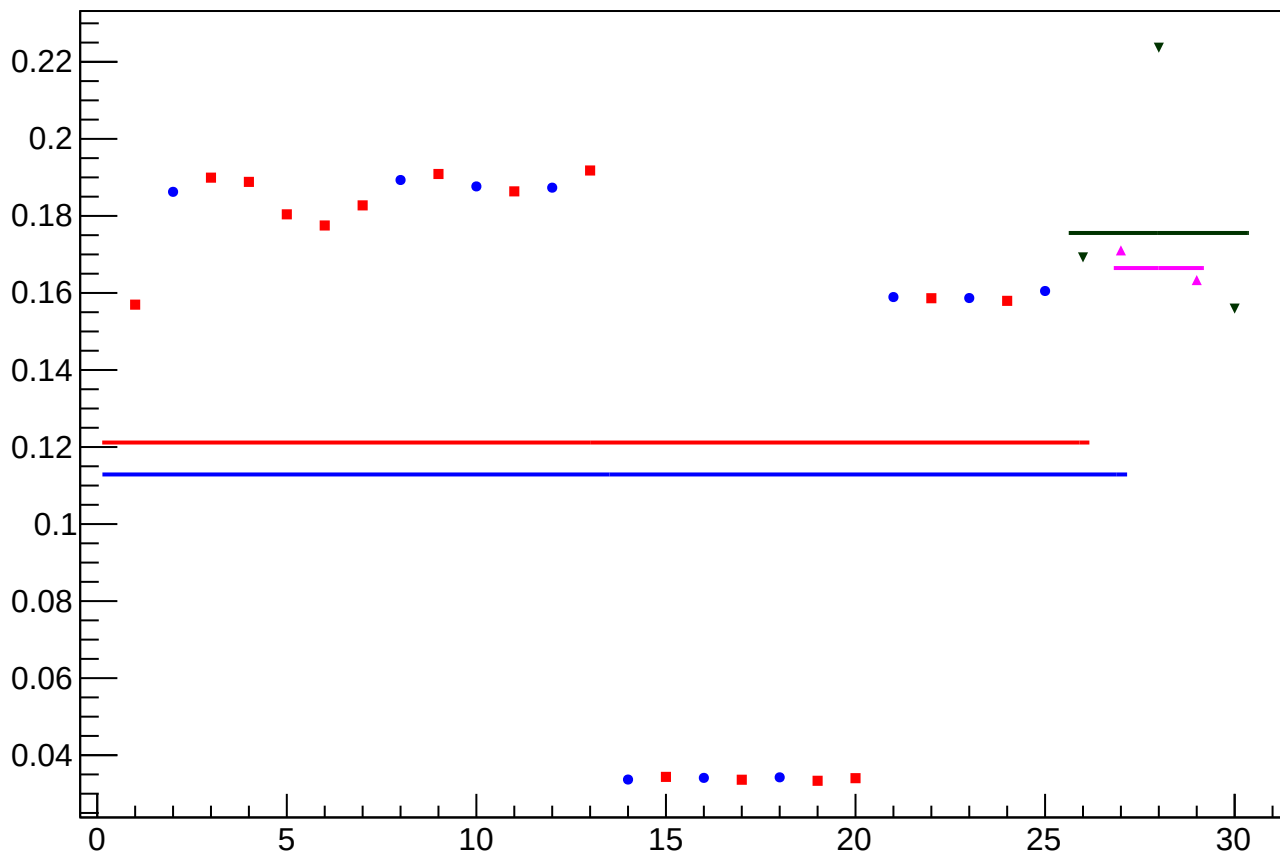
Right Out: 0.000+/-0.000 χ^2/NDF : 4312705.2/14

Left In: 0.548+/-0.000 χ^2/NDF : 61636.8/1

0.000+/-0.000 χ^2/NDF : 7716578.5/12

0.000+/-0.000 χ^2/NDF : 6434603.6/16

yield_cav4cX_mean vs slug



Right In: 0.113+/-0.000 χ^2/NDF : 4610673523.1/9

Left Out: 0.176+/-0.000 χ^2/NDF : 78585189.5/2

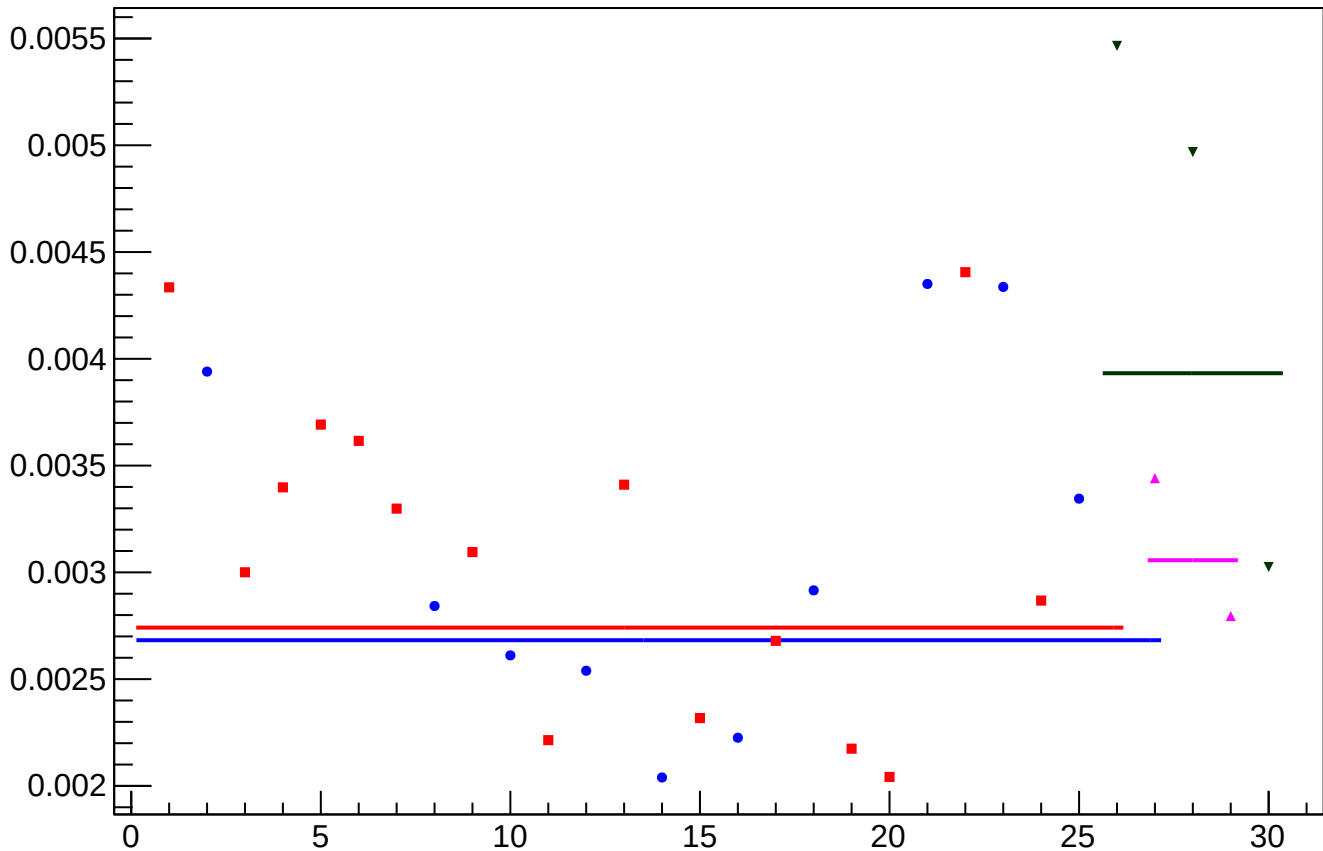
Right Out: 0.121+/-0.000 χ^2/NDF : 4281053602.3/14

Left In: 0.166+/-0.000 χ^2/NDF : 2349429.9/1

0.119+/-0.000 χ^2/NDF : 5025510110.7/12

0.129+/-0.000 χ^2/NDF : 4564028506.4/16

yield_cav4cX_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 755436.5/9

Left Out: 0.004+/-0.000 χ^2/NDF :218072.5/2

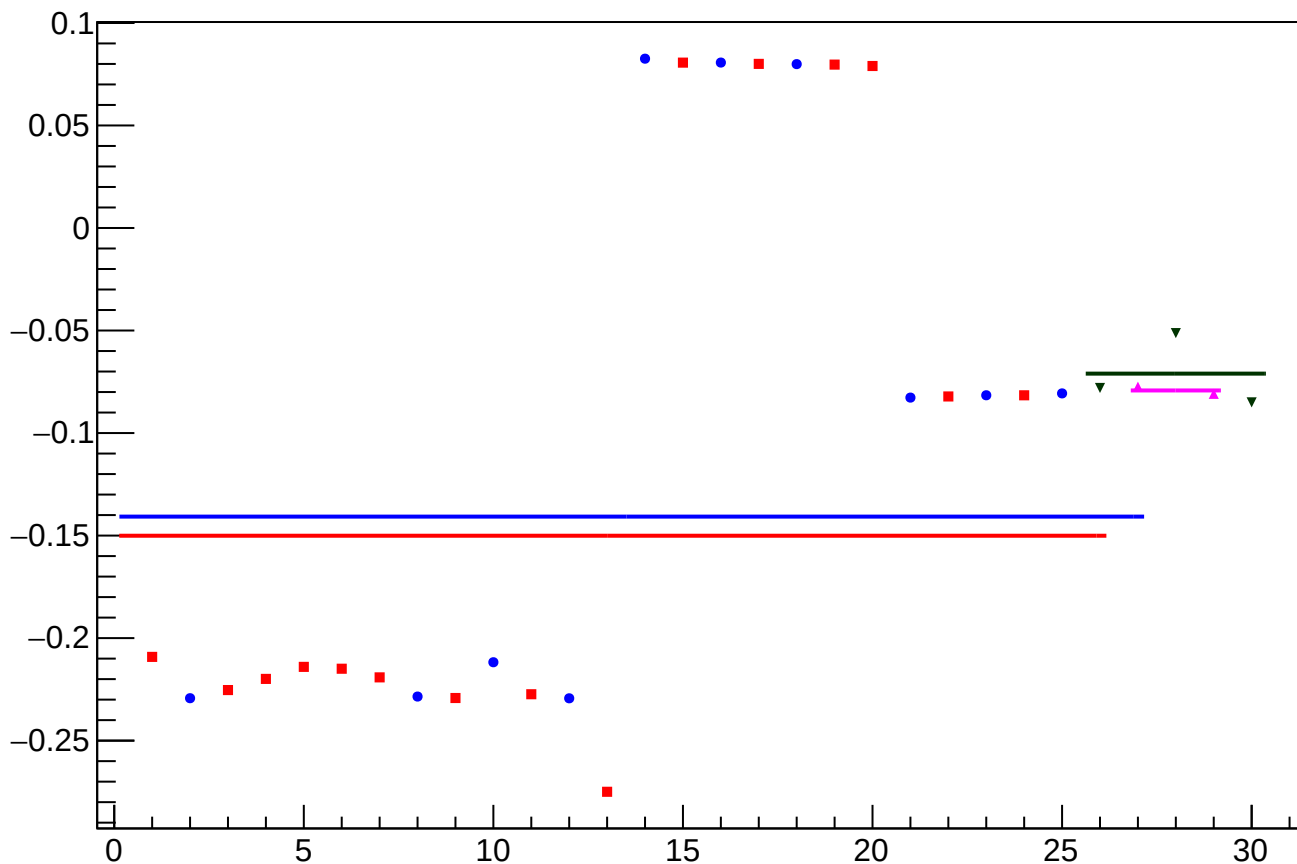
0.003+/-0.000 χ^2/NDF : 1240955.1/12

Right Out: 0.003+/-0.000 χ^2/NDF : 701304.5/14

0.003+/-0.000 χ^2/NDF : 761469.6/16

Left In: 0.003+/-0.000 χ^2/NDF :32945.7/1

yield_cav4cY_mean vs slug



Right In: -0.141+/-0.000 χ^2/NDF : 9711778798.5/9

Left Out: -0.071+/-0.000 χ^2/NDF : 21218279.9/2

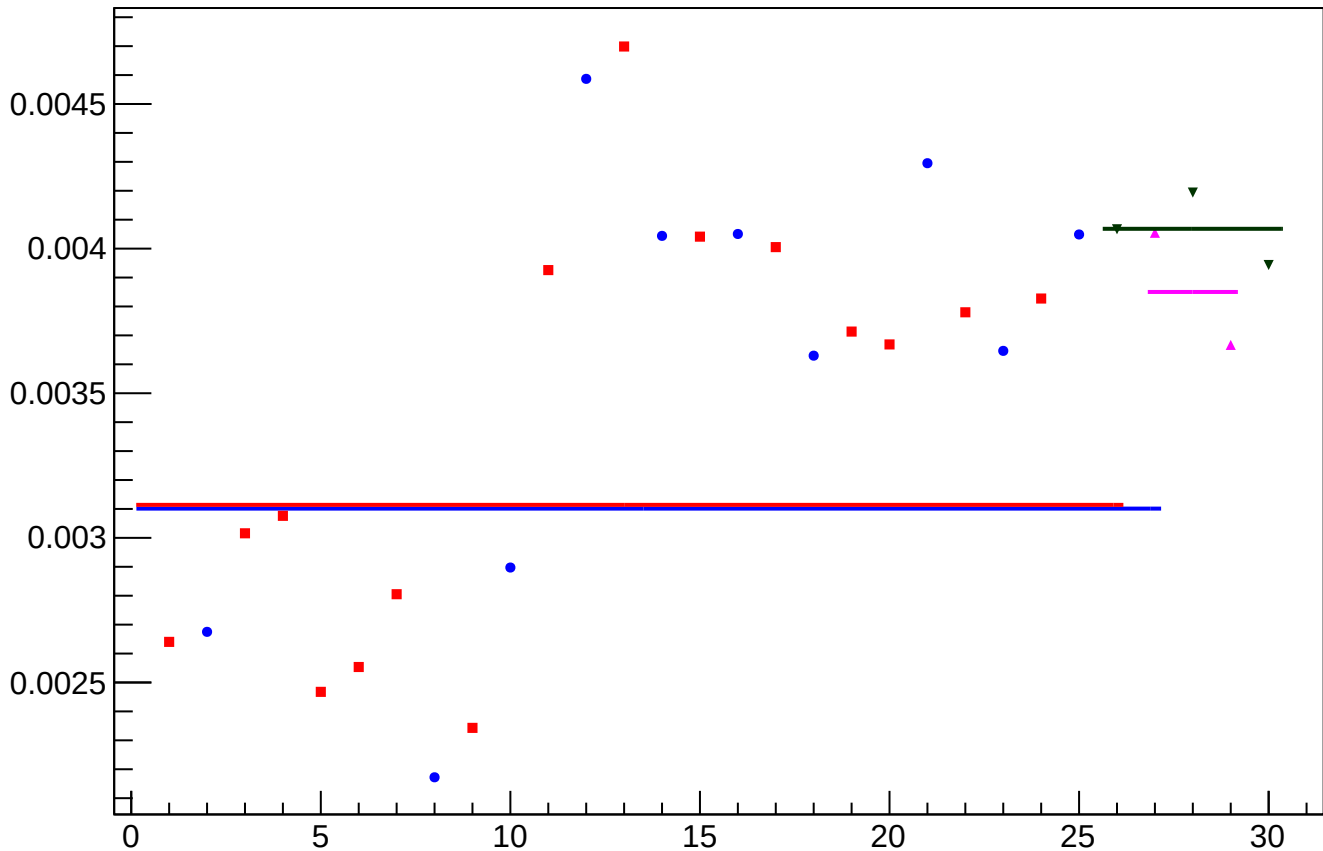
Right Out: -0.150+/-0.000 χ^2/NDF : 9079357726.2/14

Left In: -0.079+/-0.000 χ^2/NDF : 326297.4/1

-0.131+/-0.000 χ^2/NDF : 10136831695.6/12

-0.140+/-0.000 χ^2/NDF : 9541801582.0/16

yield_cav4cY_rms vs slug



Right In: 0.003+/-0.000 χ^2/NDF : 792044.6/9

Left Out: 0.004+/-0.000 χ^2/NDF :2116.0/2

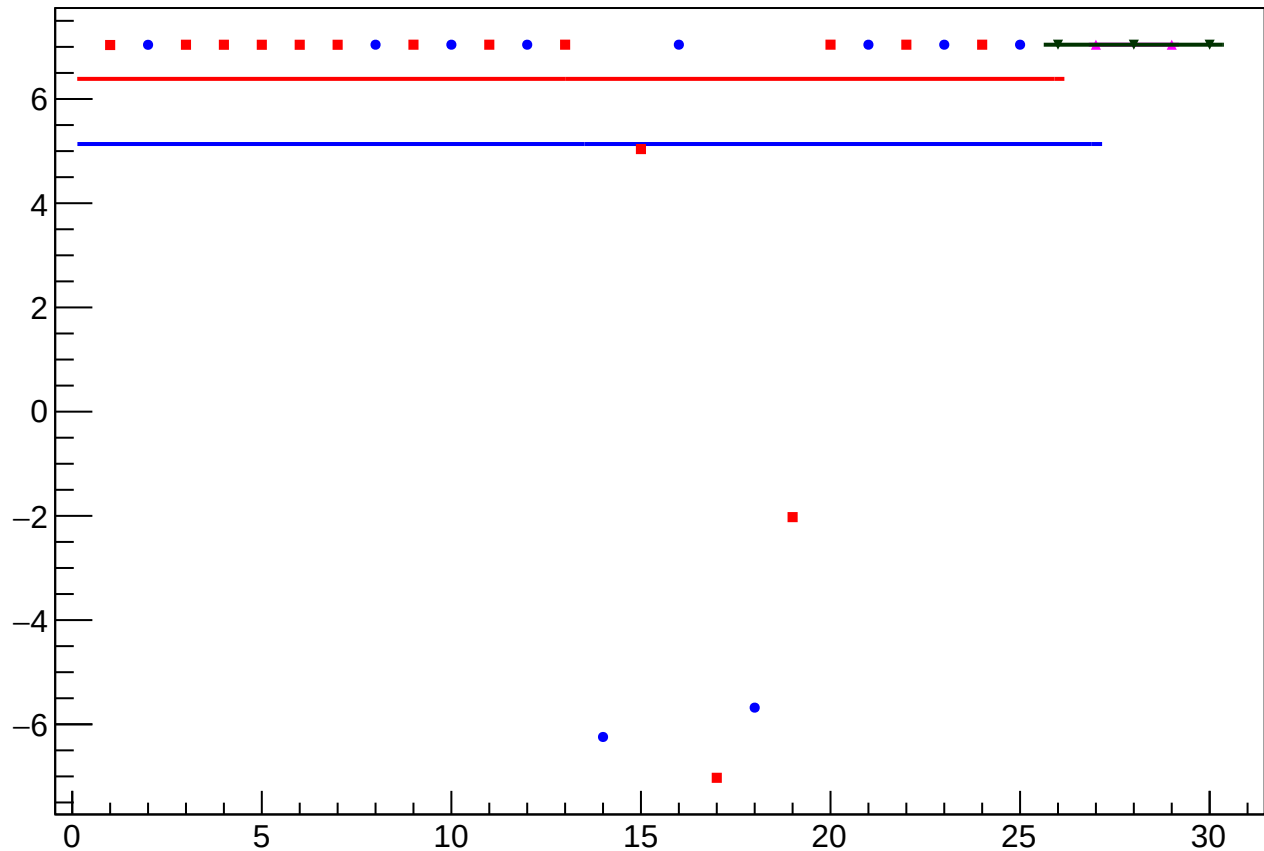
Right Out: 0.003+/-0.000 χ^2/NDF : 594269.5/14

Left In: 0.004+/-0.000 χ^2/NDF :8031.7/1

0.003+/-0.000 χ^2/NDF : 949621.6/12

0.003+/-0.000 χ^2/NDF : 702062.0/16

yield_cav4dX_mean vs slug



Right In: 5.136+/-0.000 χ^2/NDF : 4348858079111530.5/9

Left Out: 7.042+/-0.000 χ^2/NDF : 549841.3/2

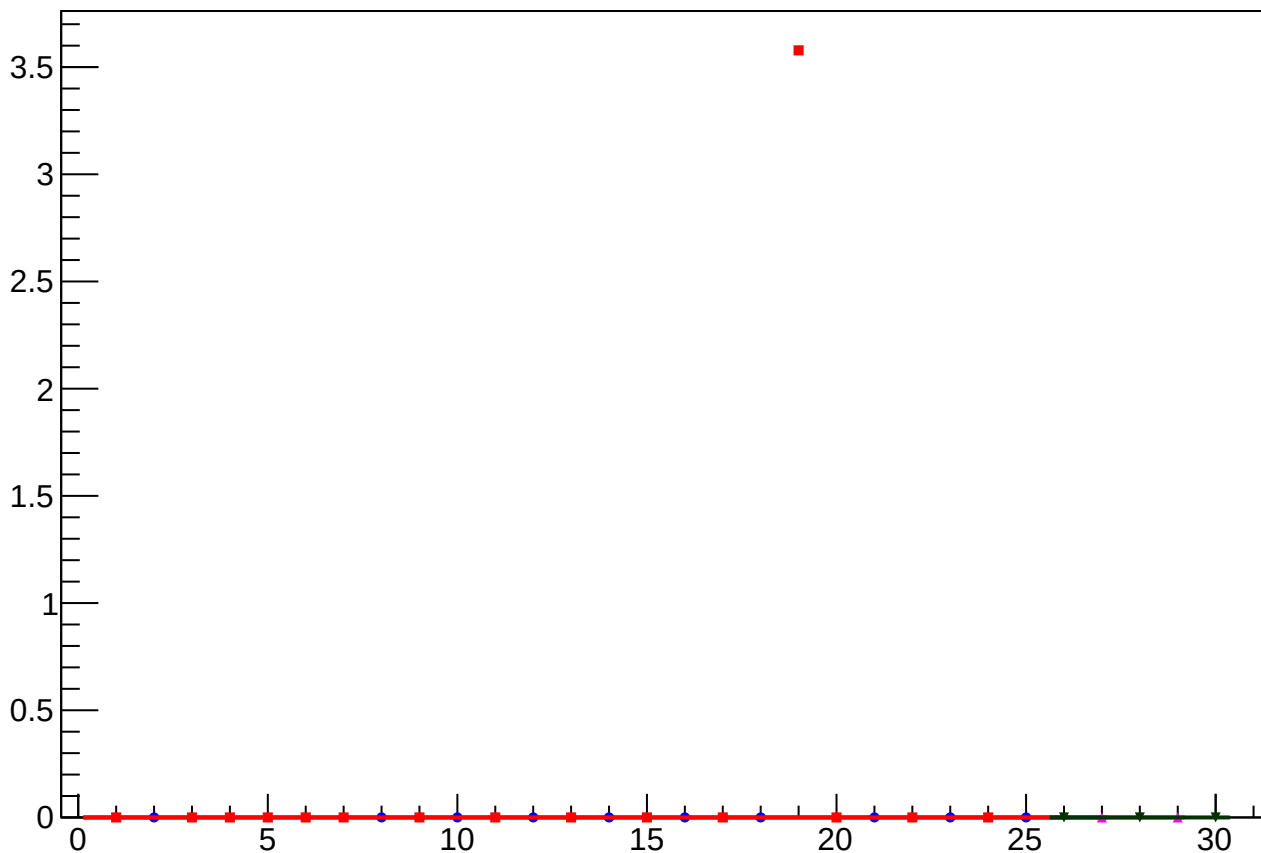
Right Out: 6.386+/-0.000 χ^2/NDF : 1829175898789544.0/14

Left In: 7.042+/-0.000 χ^2/NDF : 133696.9/1

5.595+/-0.000 χ^2/NDF : 4526040711983172.0/1

6.539+/-0.000 χ^2/NDF : 1850713196864192.5/1

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 4274.3/9

Left Out: 0.000+/-0.000 χ^2/NDF : 487.1/2

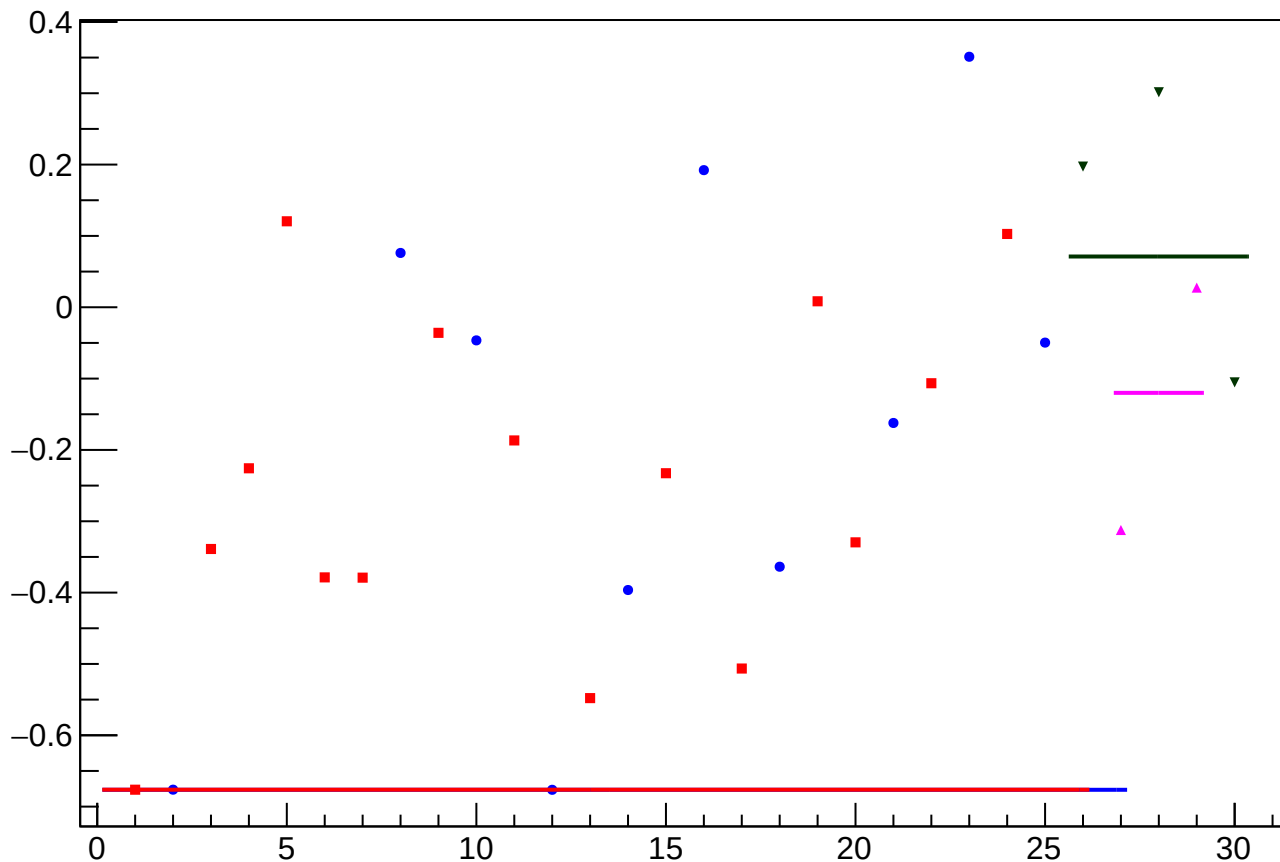
Right Out: 0.000+/-0.000 χ^2/NDF : 695677.4/14

Left In: 0.000+/-0.000 χ^2/NDF : 185.8/1

0.000+/-0.000 χ^2/NDF : 4872.7/12

0.000+/-0.000 χ^2/NDF : 696467.8/16

yield_cav4dY_mean vs slug



Right In: -0.676+/-0.000 χ^2/NDF : 208897250.6/9

Left Out: 0.071+/-0.000 χ^2/NDF : 3587312.1/2

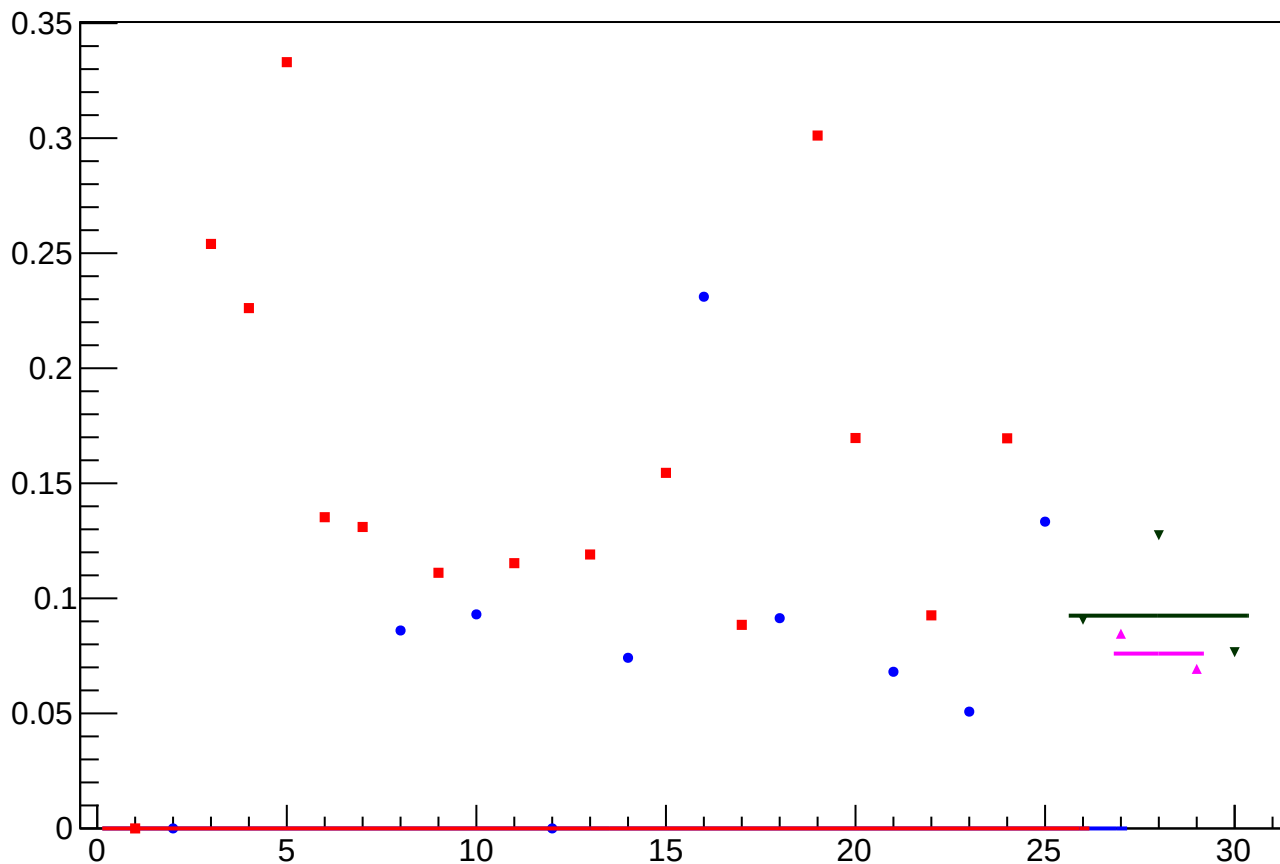
Right Out: -0.676+/-0.000 χ^2/NDF : 68118502.0/14

Left In: -0.120+/-0.000 χ^2/NDF : 5035926.5/1

-0.676+/-0.000 χ^2/NDF : 274324983.5/12

-0.676+/-0.000 χ^2/NDF : 128100287.8/16

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 7350572.9/9

Left Out: 0.092+/-0.000 χ^2/NDF : 92976.2/2

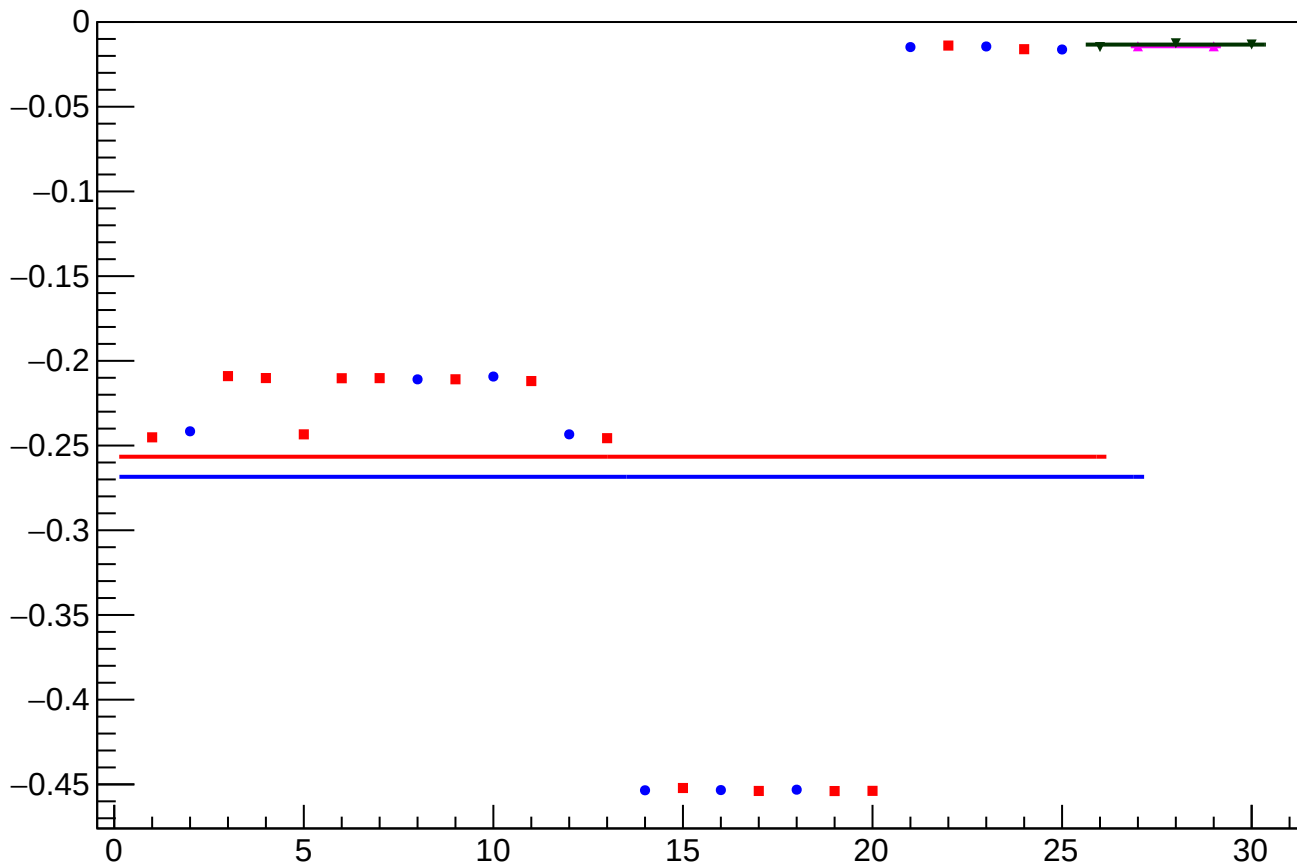
Right Out: 0.000+/-0.000 χ^2/NDF : 9461953.5/14

Left In: 0.076+/-0.000 χ^2/NDF : 20360.7/1

0.000+/-0.000 χ^2/NDF : 9335758.0/12

0.000+/-0.000 χ^2/NDF : 11532166.6/16

yield_bpm4aX_mean vs slug



Right In: -0.268+/-0.000 χ^2/NDF : 3034443015.2/9

Left Out: -0.013+/-0.000 χ^2/NDF : 23584.3/2

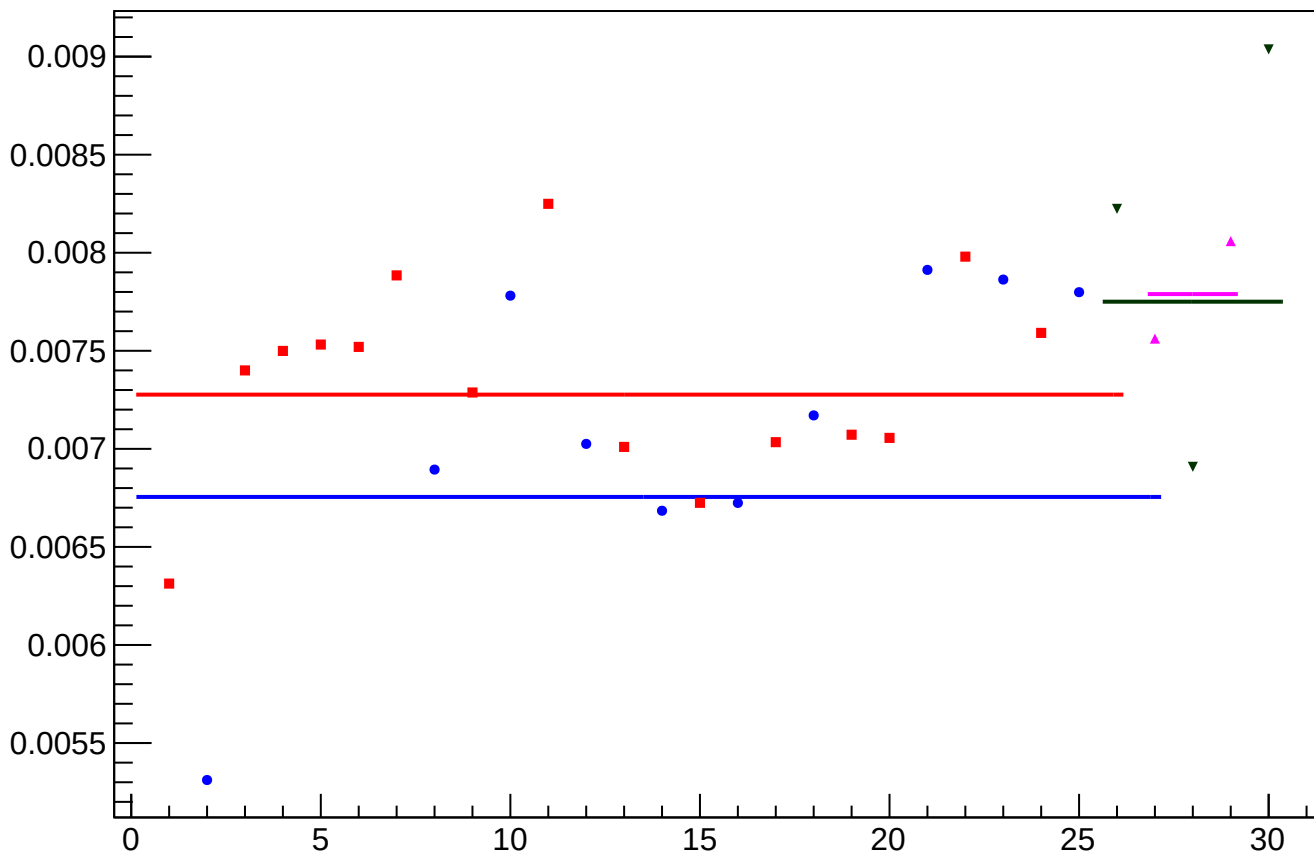
Right Out: -0.257+/-0.000 χ^2/NDF : 2728785641.6/14

Left In: -0.014+/-0.000 χ^2/NDF : 0.3/1

-0.226+/-0.000 χ^2/NDF : 4545143975.7/12

-0.215+/-0.000 χ^2/NDF : 4052512470.2/16

yield_bpm4aX_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 219087.8/9

Left Out: 0.008+/-0.000 χ^2/NDF :44822.3/2

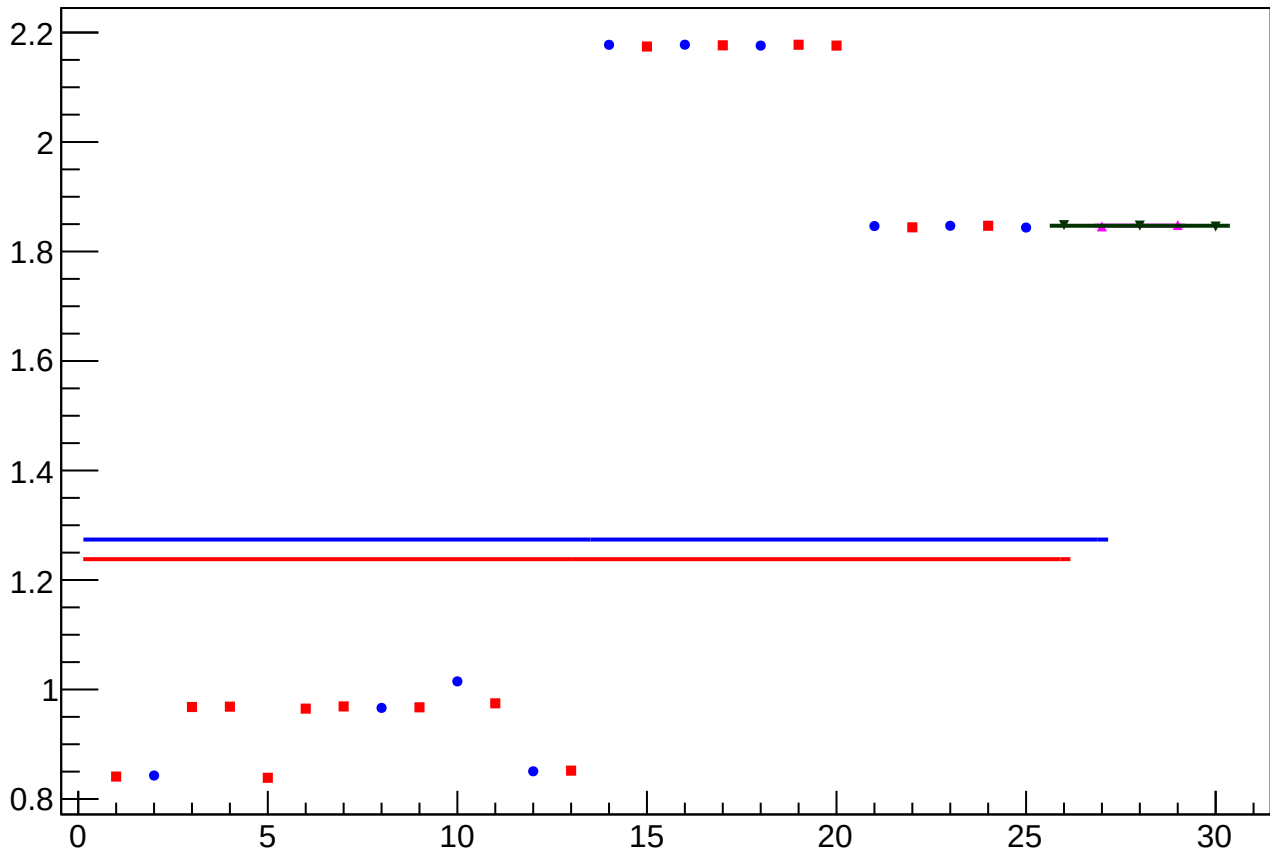
Right Out: 0.007+/-0.000 χ^2/NDF : 73030.2/14

Left In: 0.008+/-0.000 χ^2/NDF :3338.1/1

0.007+/-0.000 χ^2/NDF : 309916.1/12

0.007+/-0.000 χ^2/NDF : 88225.1/16

yield_bpm4aY_mean vs slug



Right In: 1.274+/-0.000 χ^2/NDF : 12930147613.4/9

Left Out: 1.847+/-0.000 χ^2/NDF : 7444.2/2

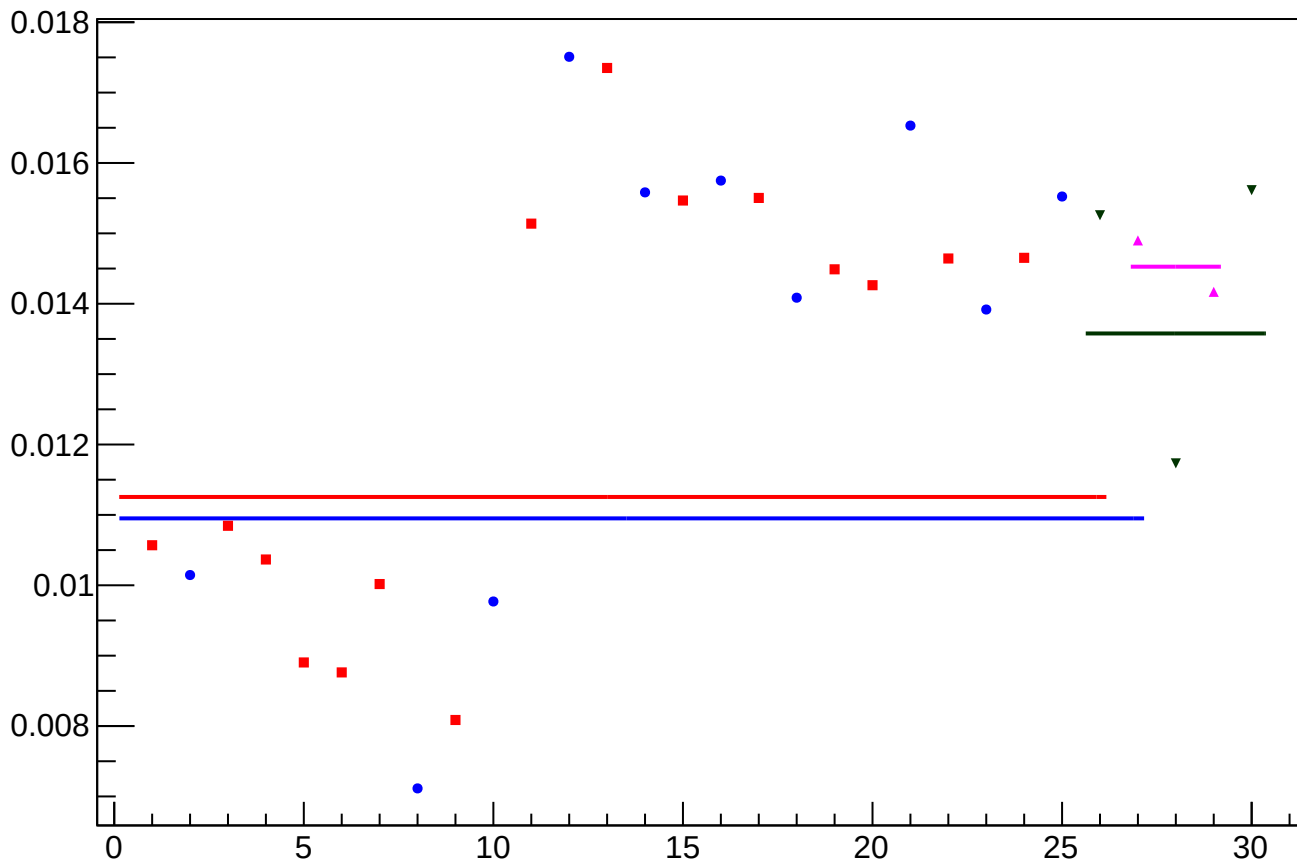
1.360+/-0.000 χ^2/NDF : 15276166389.6/12

Right Out: 1.238+/-0.000 χ^2/NDF : 12225490996.5/14

1.319+/-0.000 χ^2/NDF : 14694695247.6/16

Left In: 1.847+/-0.000 χ^2/NDF : 12651.1/1

yield_bpm4aY_rms vs slug



Right In: 0.011+/-0.000 χ^2/NDF : 1201589.1/9

Left Out: 0.014+/-0.000 χ^2/NDF : 57986.4/2

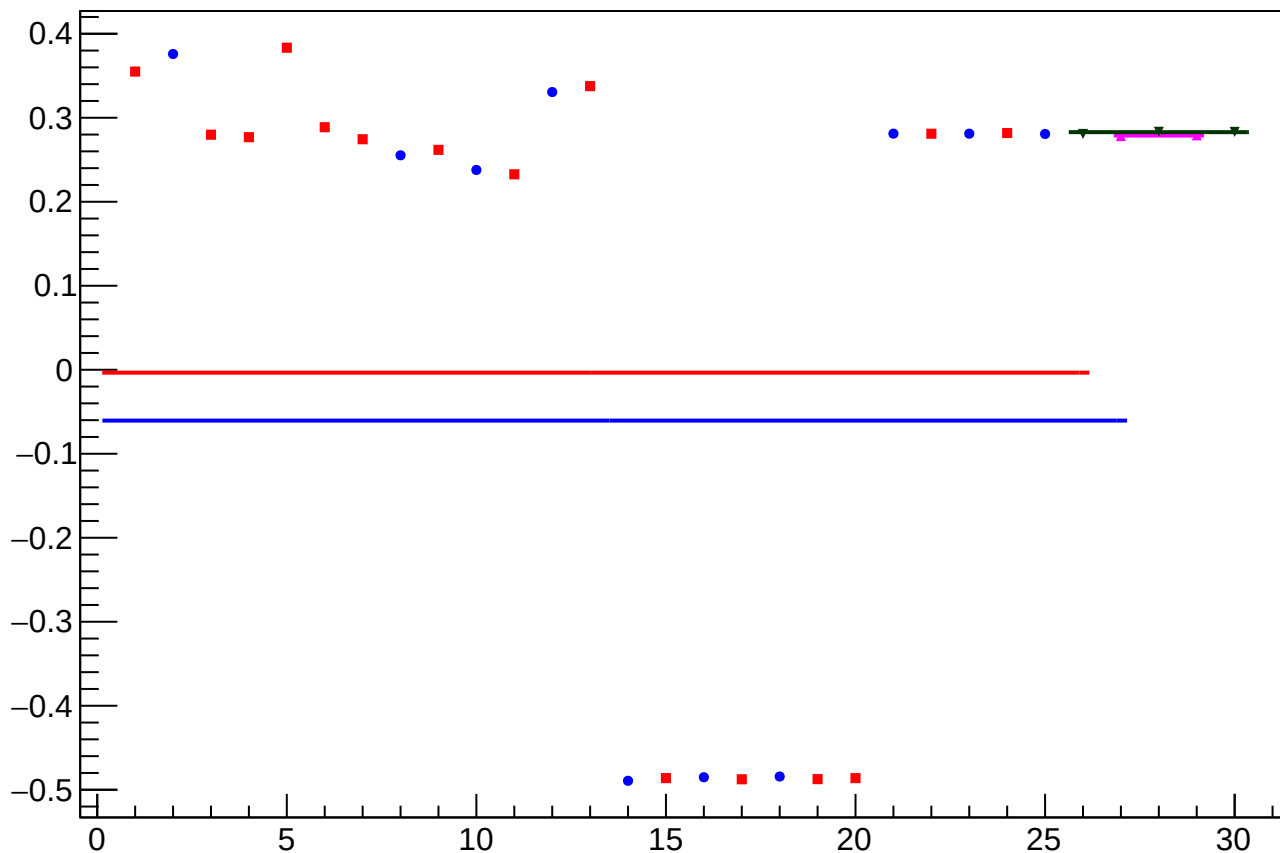
Right Out: 0.011+/-0.000 χ^2/NDF : 846190.1/14

Left In: 0.015+/-0.000 χ^2/NDF : 2048.3/1

0.011+/-0.000 χ^2/NDF : 1358147.7/12

0.012+/-0.000 χ^2/NDF : 990668.8/16

yield_bpm4eX_mean vs slug



Right In: -0.061+/-0.000 χ^2/NDF : 2918460943.5/9

Left Out: 0.283+/-0.000 χ^2/NDF :2449.7/2

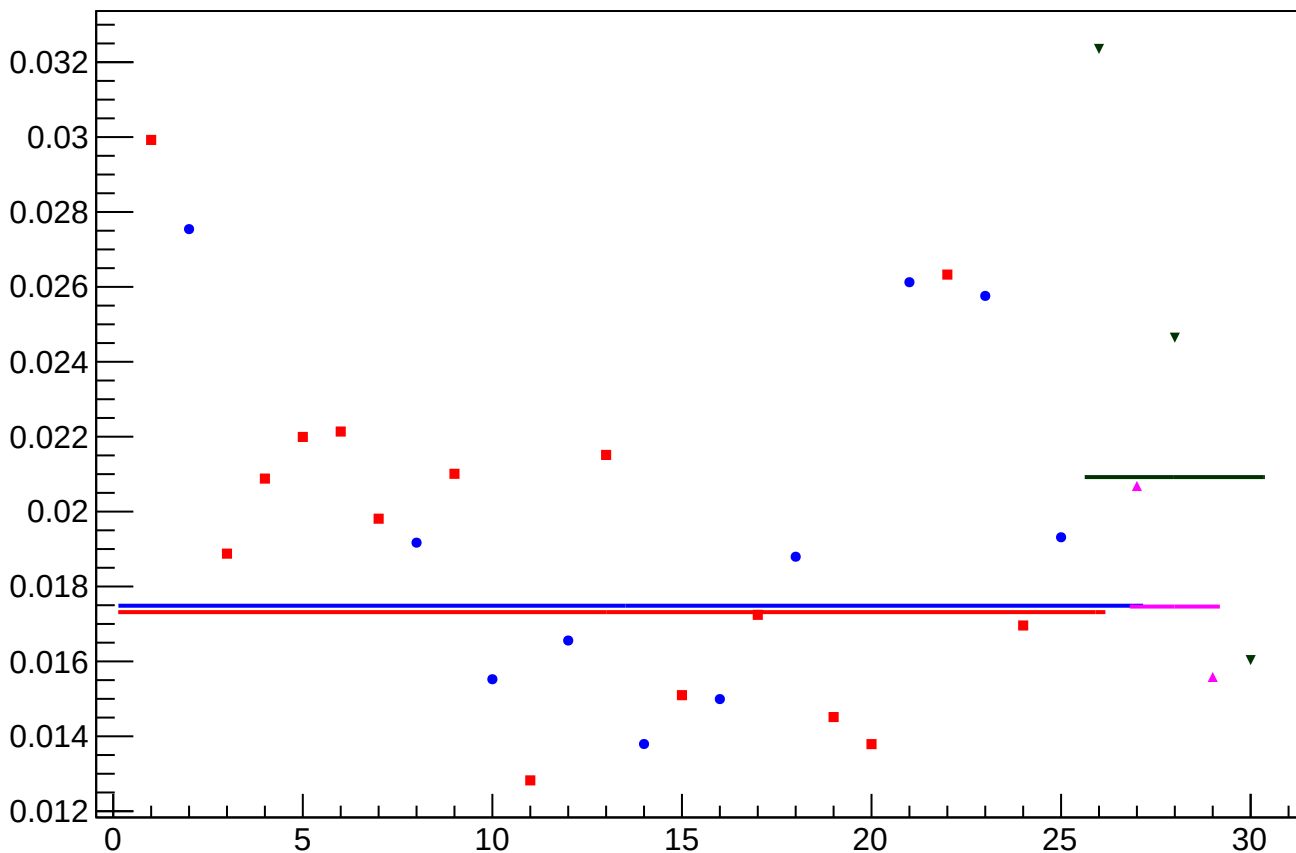
Right Out: -0.003+/-0.000 χ^2/NDF : 2832158057.7/14

Left In: 0.279+/-0.000 χ^2/NDF :868.3/1

-0.010+/-0.000 χ^2/NDF : 3257171773.0/12

0.050+/-0.000 χ^2/NDF : 3152512642.2/16

yield_bpm4eX_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 684144.6/9

Left Out: 0.021+/-0.000 χ^2/NDF :236519.8/2

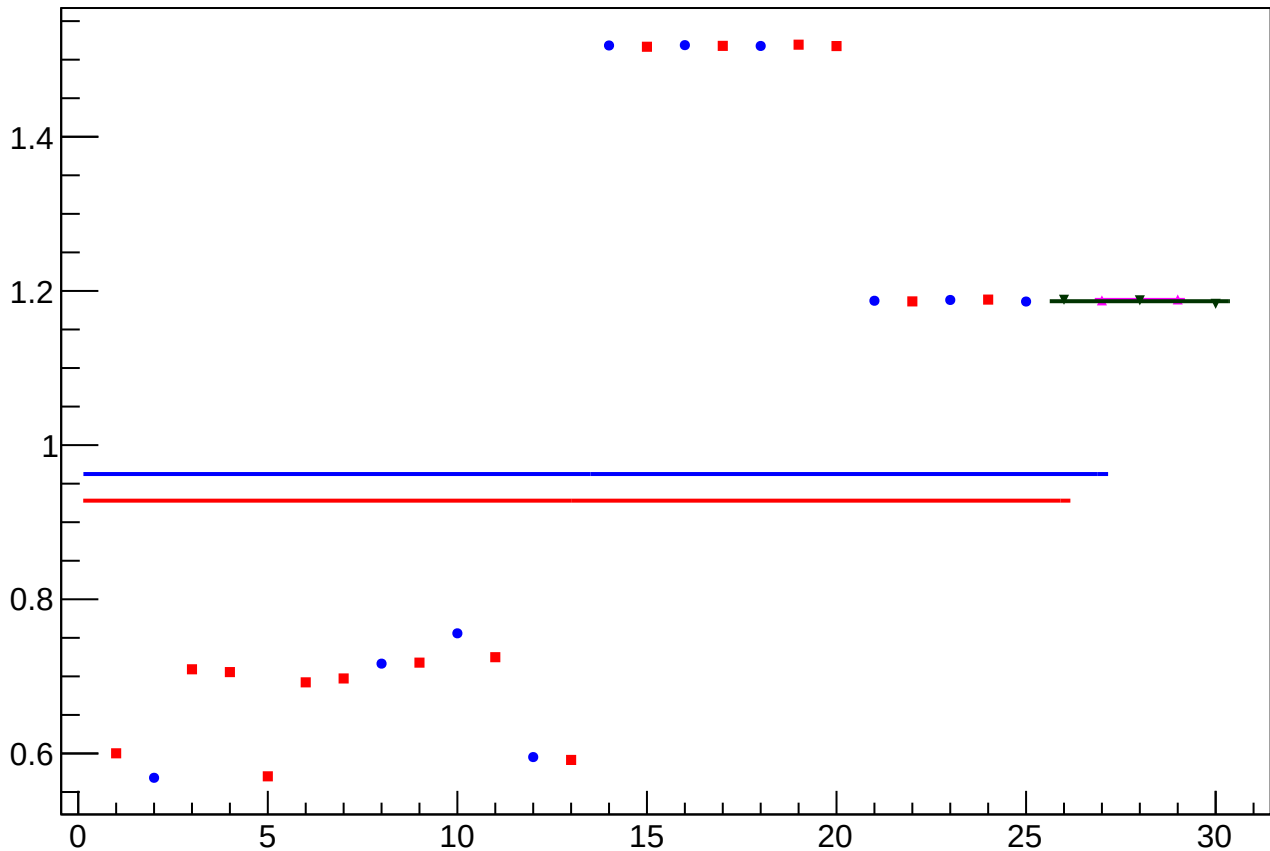
Right Out: 0.017+/-0.000 χ^2/NDF : 747105.7/14

Left In: 0.017+/-0.000 χ^2/NDF :60070.5/1

0.018+/-0.000 χ^2/NDF : 988444.5/12

0.017+/-0.000 χ^2/NDF : 807353.3/16

yield_bpm4eY_mean vs slug



Right In: 0.962+/-0.000 χ^2/NDF : 12316526397.7/9

Left Out: 1.187+/-0.000 χ^2/NDF : 91484.4/2

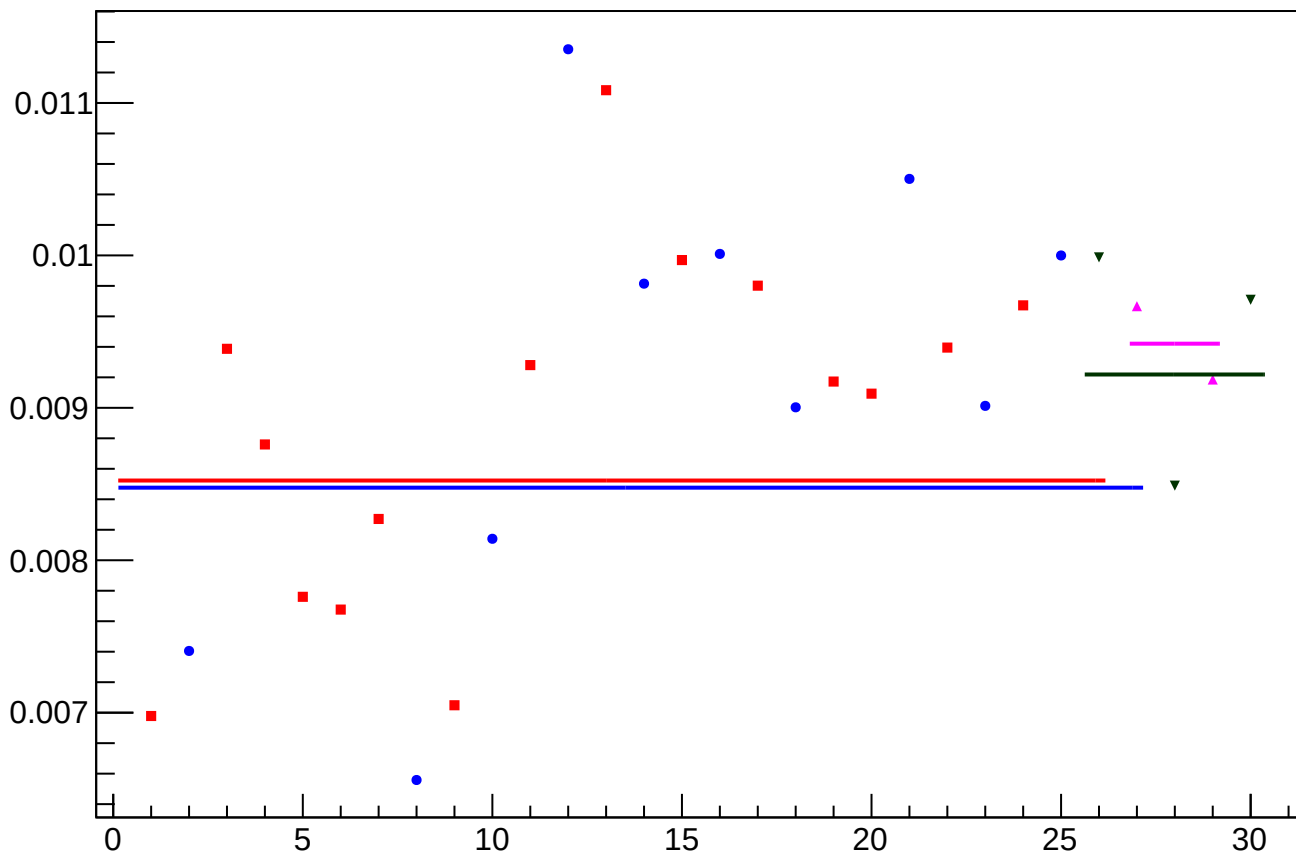
1.003+/-0.000 χ^2/NDF : 13093898479.5/12

Right Out: 0.928+/-0.000 χ^2/NDF : 11443626814.5/14

0.971+/-0.000 χ^2/NDF : 12461762124.9/16

Left In: 1.188+/-0.000 χ^2/NDF : 6506.0/1

yield_bpm4eY_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 378236.7/9

Left Out: 0.009+/-0.000 χ^2/NDF :17372.6/2

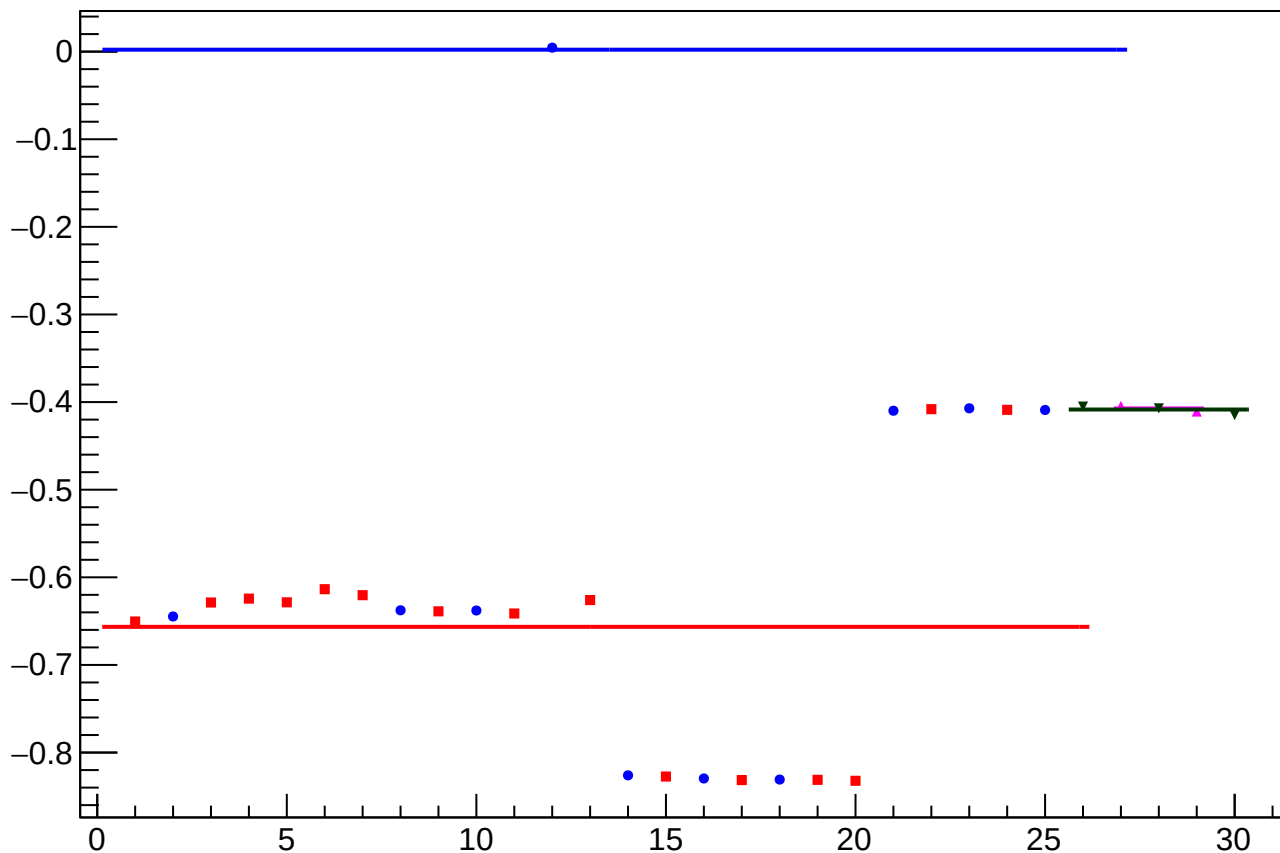
Right Out: 0.009+/-0.000 χ^2/NDF : 251249.5/14

Left In: 0.009+/-0.000 χ^2/NDF :2075.8/1

0.009+/-0.000 χ^2/NDF : 412661.2/12

0.009+/-0.000 χ^2/NDF : 277523.8/16

yield_bpm4acX_mean vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 59670927911.0/9

Left Out: -0.408 $\pm$ 0.000 χ^2 /NDF: 365866.4/2

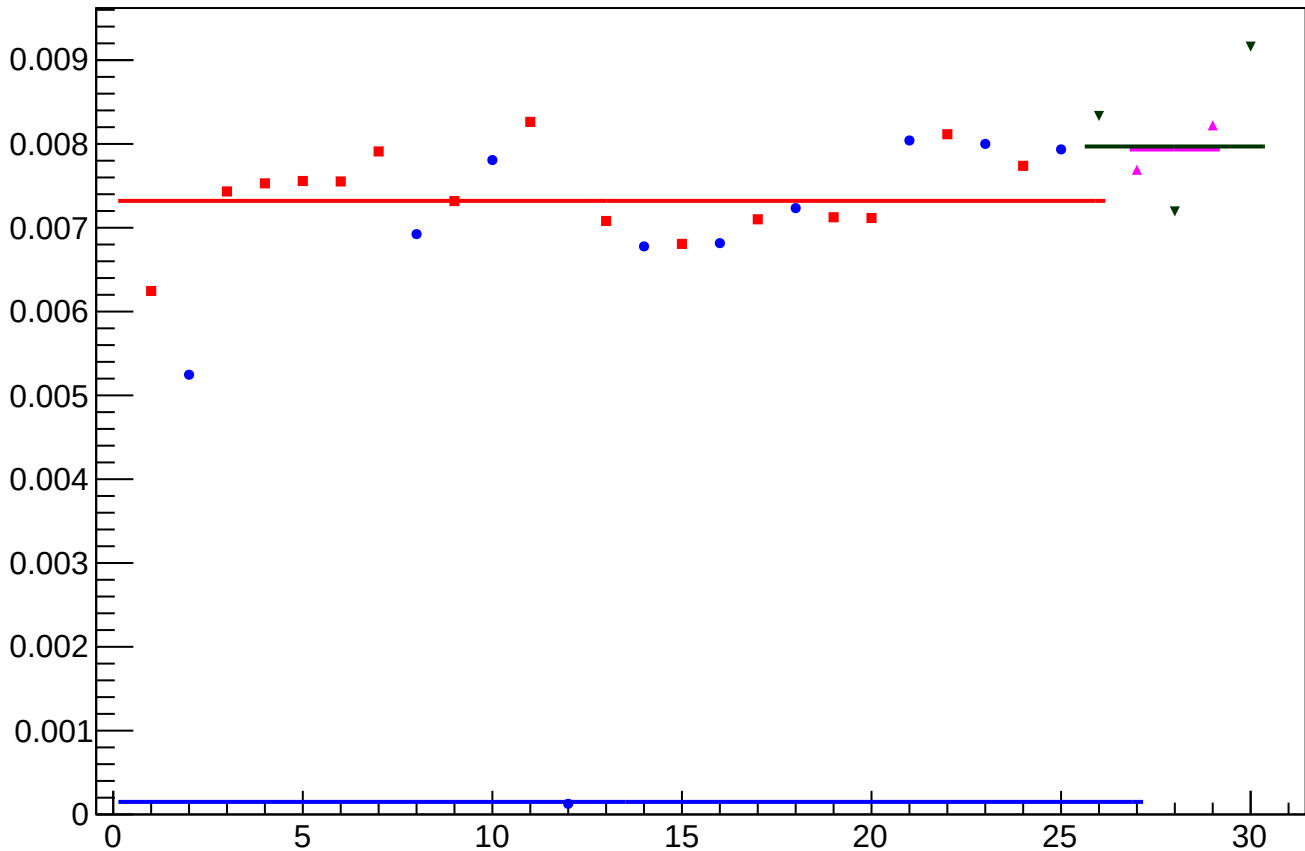
Right Out: -0.657 $\pm$ 0.000 χ^2 /NDF: 2341185796.8/14

Left In: -0.407 $\pm$ 0.000 χ^2 /NDF: 276386.6/1

0.002 $\pm$ 0.000 χ^2 /NDF: 64138114656.2/12

-0.615 $\pm$ 0.000 χ^2 /NDF: 3699556938.2/16

yield_bpm4acX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11334213.0/9

Left Out: 0.008+/-0.000 χ^2/NDF : 35664.9/2

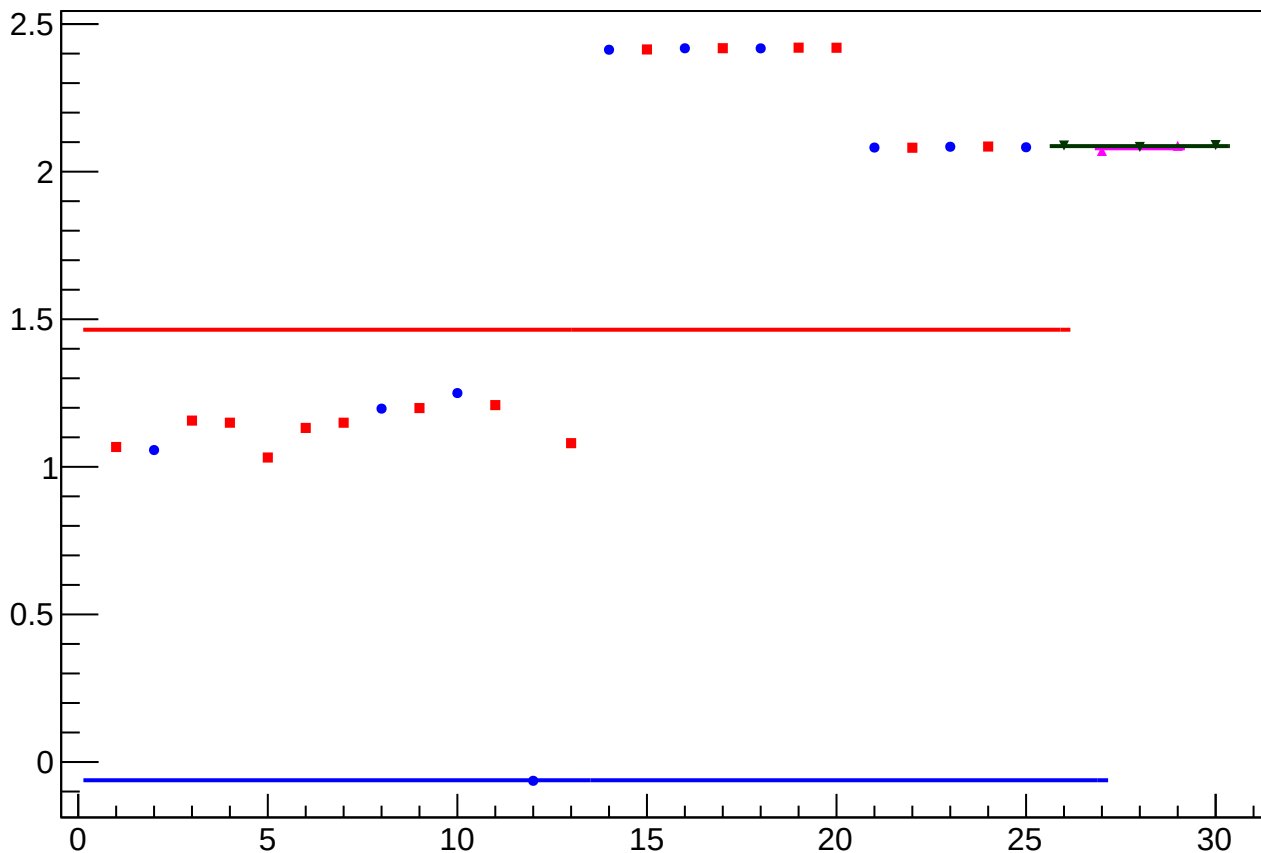
0.000+/-0.000 χ^2/NDF : 14608832.8/12

Right Out: 0.007+/-0.000 χ^2/NDF : 80122.4/14

0.007+/-0.000 χ^2/NDF : 100203.6/16

Left In: 0.008+/-0.000 χ^2/NDF : 3665.5/1

yield_bpm4acY_mean vs slug



Right In: -0.062+/-0.000 χ^2/NDF : 123154069727.4/9

Left Out: 2.087+/-0.000 χ^2/NDF : 65418.4/2

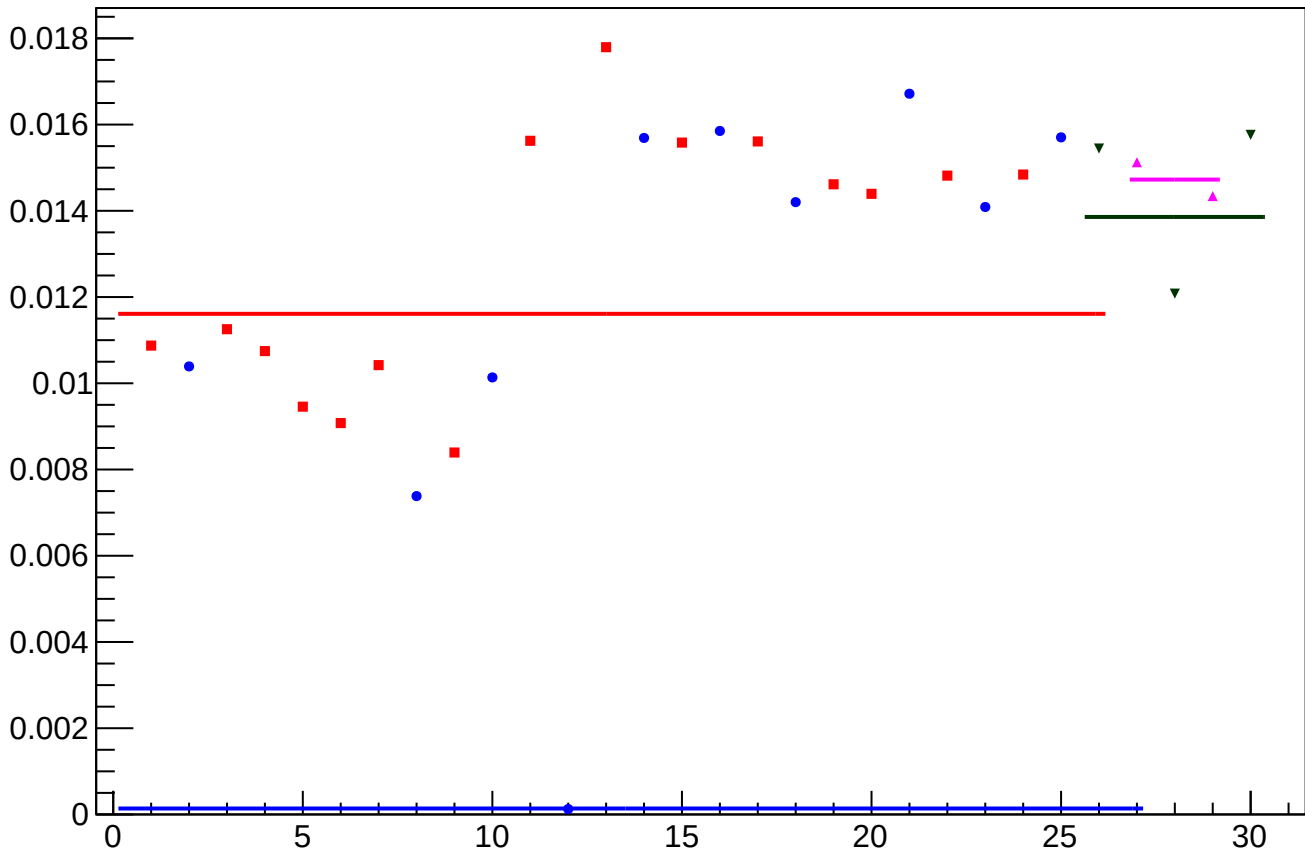
Right Out: 1.465+/-0.000 χ^2/NDF : 12577039594.2/14

Left In: 2.079+/-0.000 χ^2/NDF : 560284.3/1

-0.061+/-0.000 χ^2/NDF : 160499654109.4/12

1.549+/-0.000 χ^2/NDF : 15008136180.2/16

yield_bpm4acY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11181571.4/9

Left Out: 0.014+/-0.000 χ^2/NDF : 50547.7/2

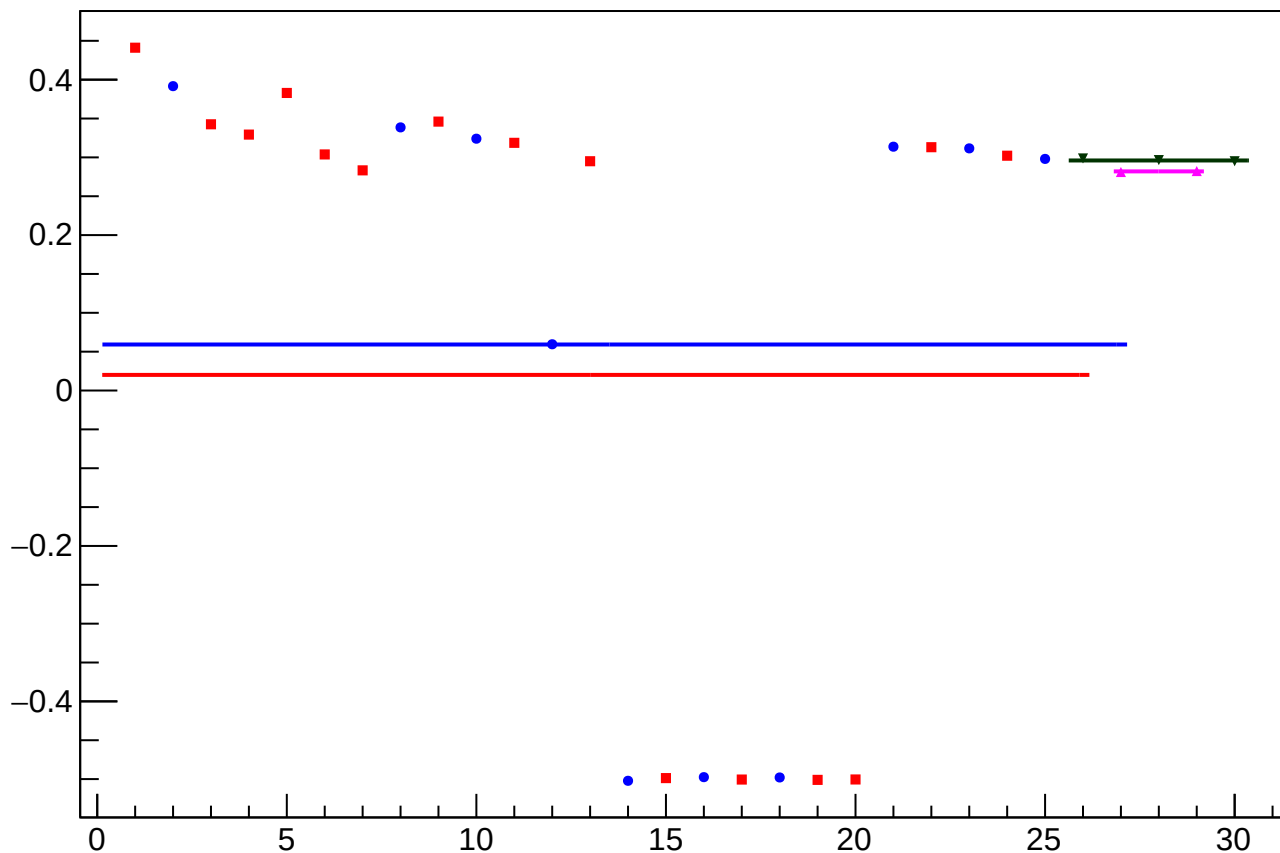
Right Out: 0.012+/-0.000 χ^2/NDF : 780934.4/14

Left In: 0.015+/-0.000 χ^2/NDF : 2294.5/1

0.000+/-0.000 χ^2/NDF : 14278191.3/12

0.012+/-0.000 χ^2/NDF : 907993.8/16

yield_bpm4ecX_mean vs slug



Right In: 0.059+/-0.000 χ^2/NDF : 3463424773.9/9

Left Out: 0.296+/-0.000 χ^2/NDF :5025.2/2

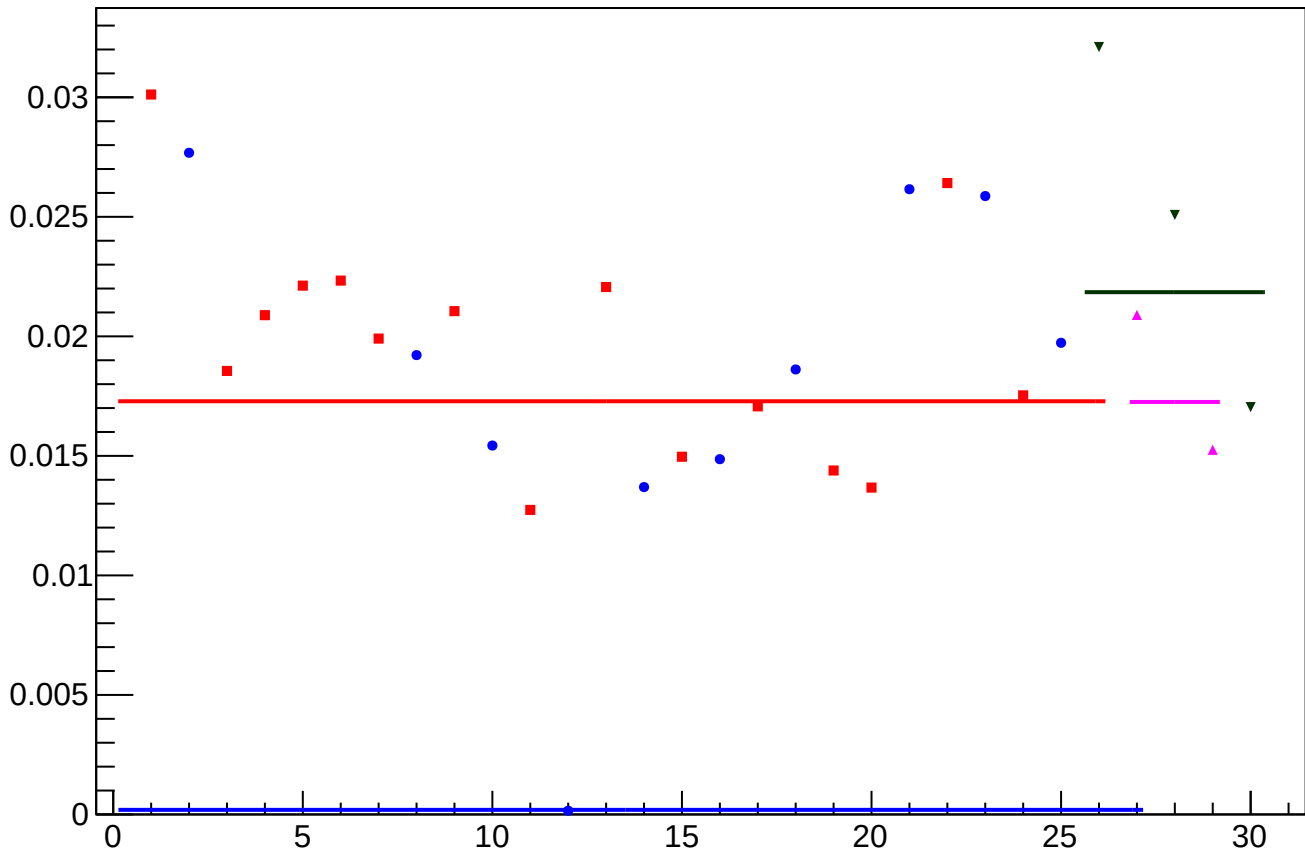
Right Out: 0.020+/-0.000 χ^2/NDF : 3367786260.8/14

Left In: 0.282+/-0.000 χ^2/NDF :1728.1/1

0.059+/-0.000 χ^2/NDF : 3639435749.9/12

0.071+/-0.000 χ^2/NDF : 3650564163.3/16

yield_bpm4ecX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11365493.5/9

Left Out: 0.022+/-0.000 χ^2/NDF : 194458.6/2

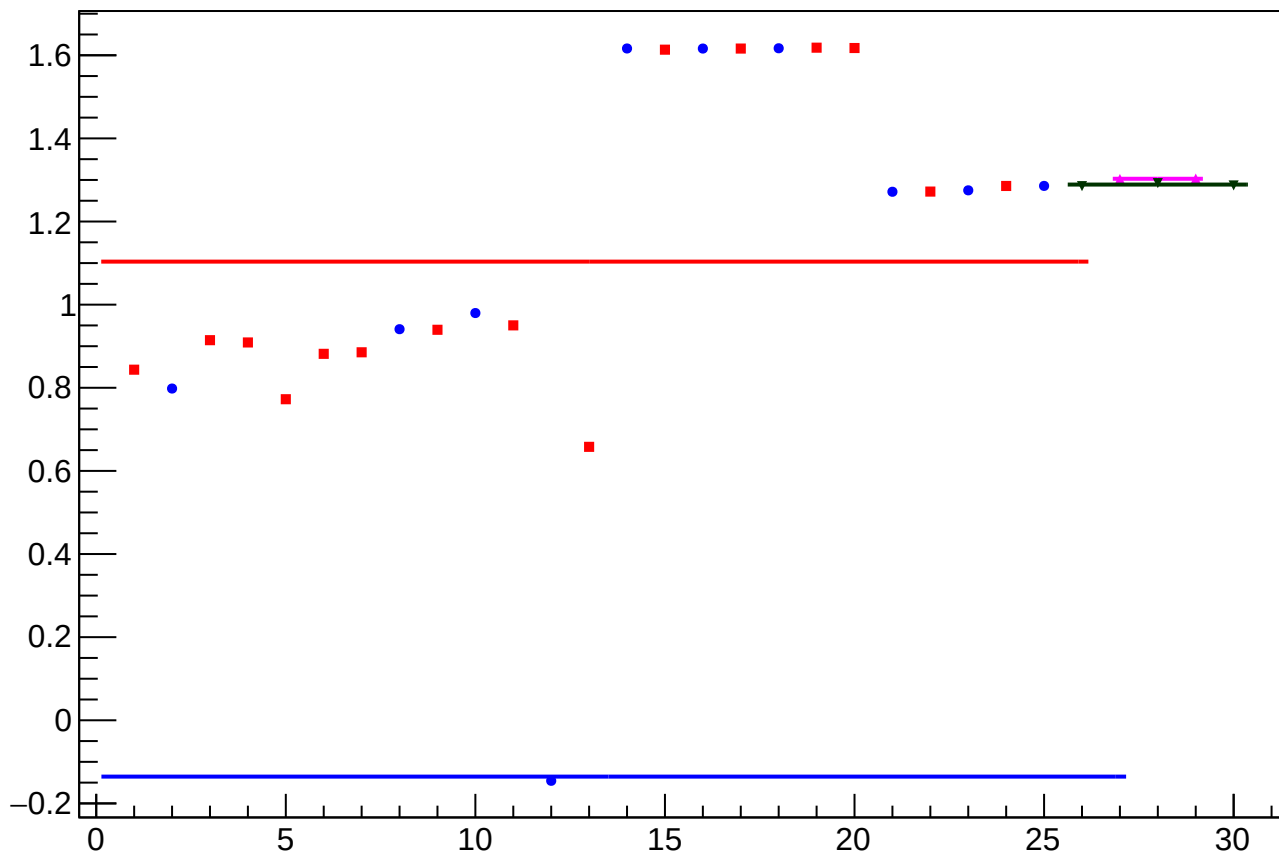
Right Out: 0.017+/-0.000 χ^2/NDF : 779120.3/14

Left In: 0.017+/-0.000 χ^2/NDF : 74552.4/1

0.000+/-0.000 χ^2/NDF : 14503507.6/12

0.017+/-0.000 χ^2/NDF : 853679.5/16

yield_bpm4ecY_mean vs slug



Right In: -0.136+/-0.000 χ^2/NDF : 128683895373.2/9

Left Out: 1.289+/-0.000 χ^2/NDF :128177.5/2

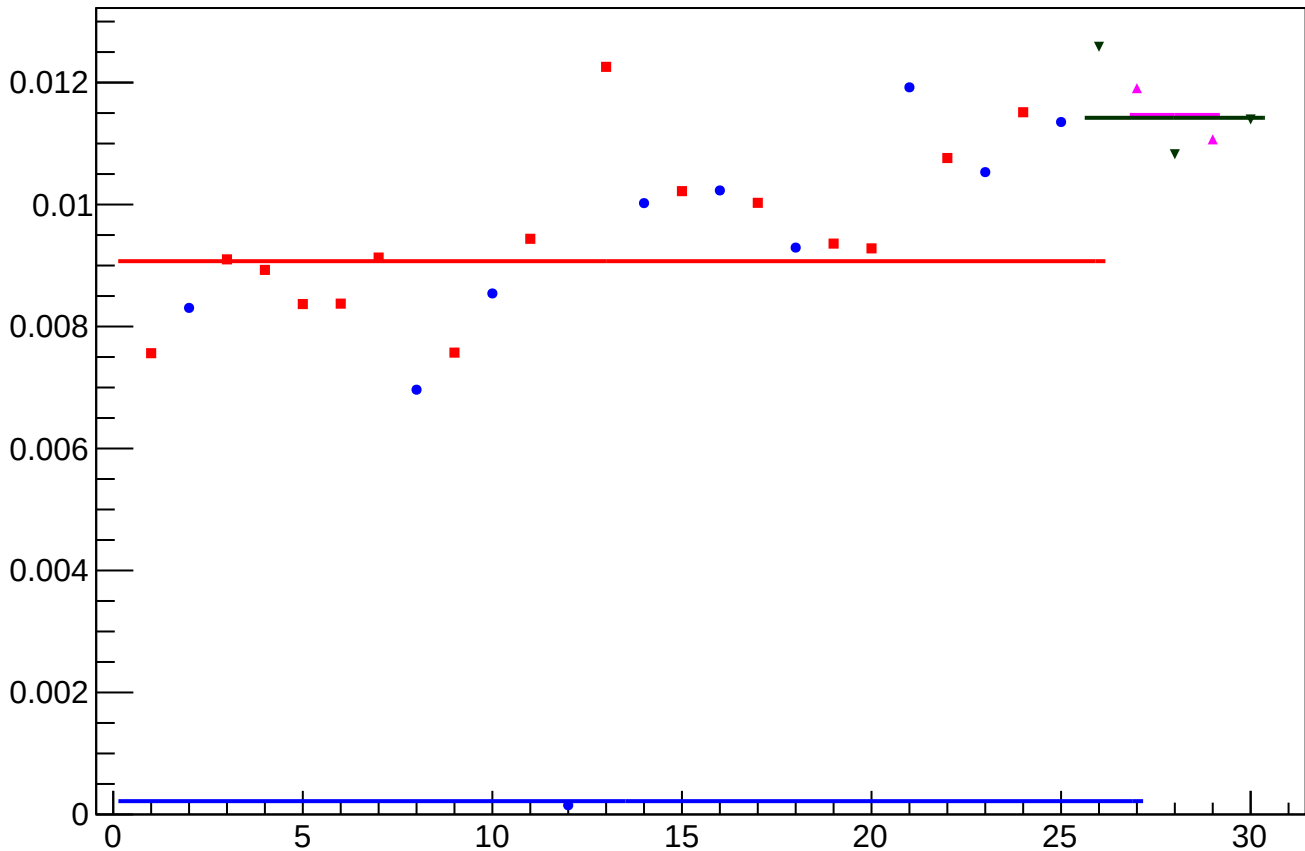
Right Out: 1.104+/-0.000 χ^2/NDF : 7739767439.7/14

Left In: 1.303+/-0.000 χ^2/NDF :2982.7/1

-0.134+/-0.000 χ^2/NDF : 153923930358.5/12

1.130+/-0.000 χ^2/NDF : 8160455958.1/16

yield_bpm4ecY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 11160920.4/9

Left Out: 0.011+/-0.000 χ^2/NDF :11933.1/2

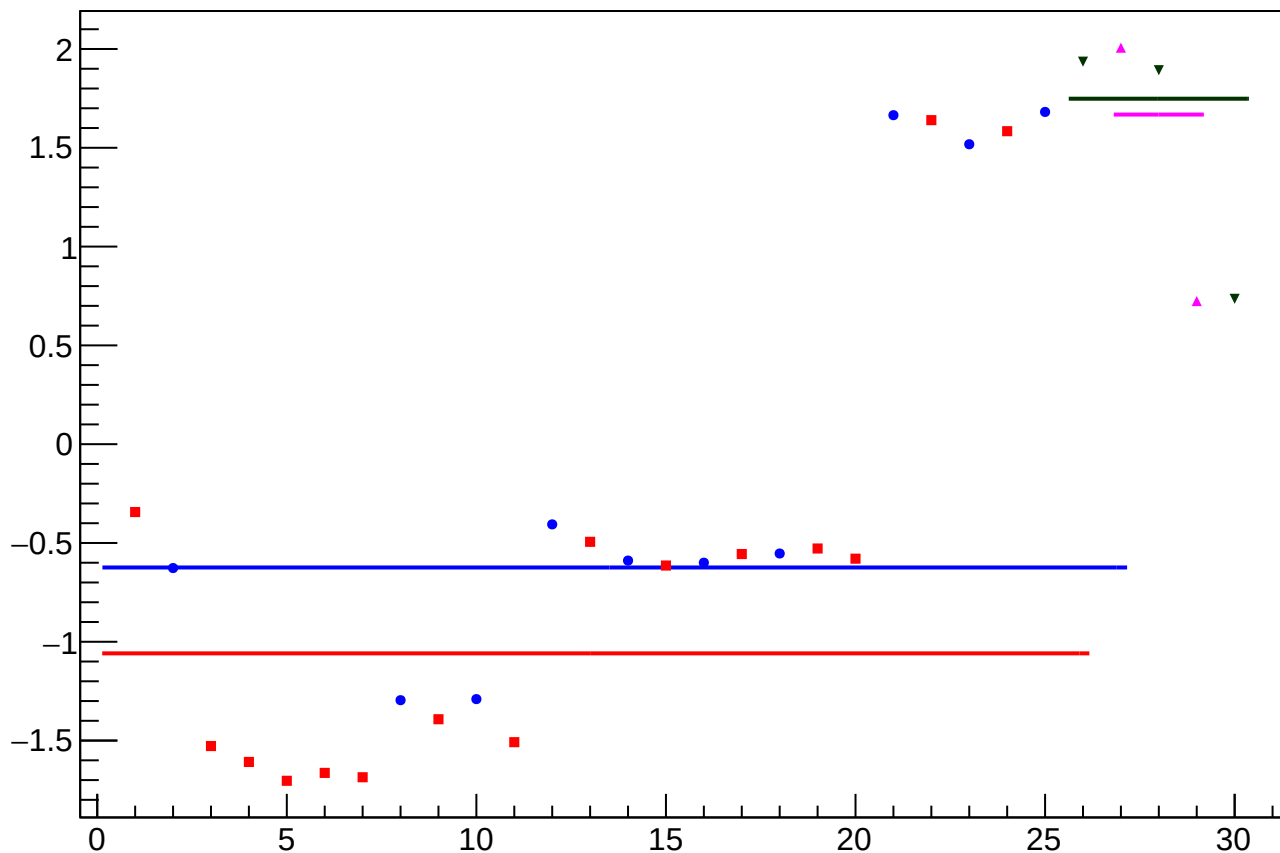
0.000+/-0.000 χ^2/NDF : 14295897.2/12

Right Out: 0.009+/-0.000 χ^2/NDF : 252158.6/14

0.009+/-0.000 χ^2/NDF : 378196.0/16

Left In: 0.011+/-0.000 χ^2/NDF :4283.1/1

yield_bpm1X_mean vs slug



Right In: -0.624 ± 0.000 $\chi^2/\text{NDF}: 1403925530.2/9$

Left Out: 1.748 ± 0.000 $\chi^2/\text{NDF}: 17693926.9/2$

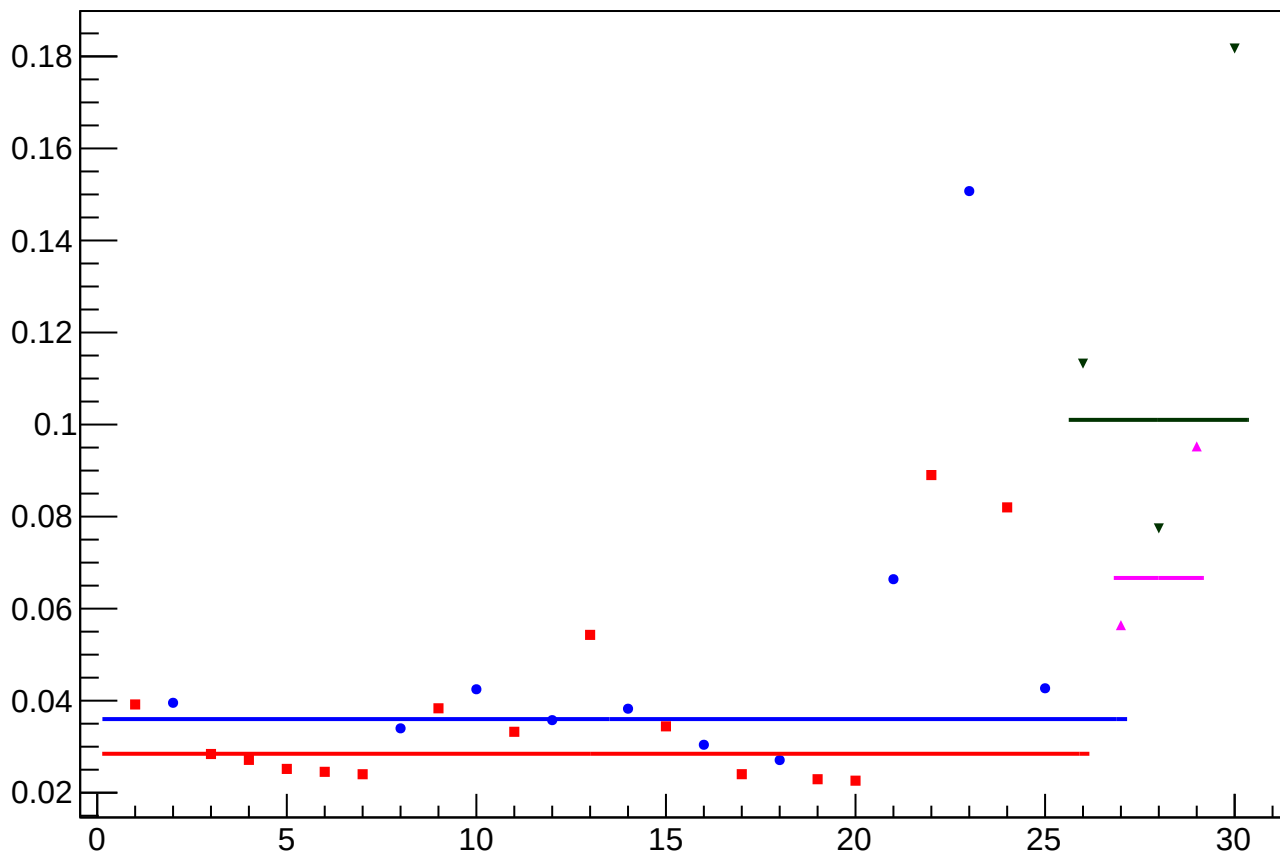
Right Out: -1.059 ± 0.000 $\chi^2/\text{NDF}: 2441386916.6/14$

Left In: 1.668 ± 0.000 $\chi^2/\text{NDF}: 71242643.3/1$

-0.553 ± 0.000 $\chi^2/\text{NDF}: 2025703095.3/12$

-0.967 ± 0.000 $\chi^2/\text{NDF}: 4114738840.2/16$

yield_bpm1X_rms vs slug



Right In: 0.036+/-0.000 χ^2/NDF : 788872.3/9

Left Out: 0.101+/-0.000 χ^2/NDF : 276521.9/2

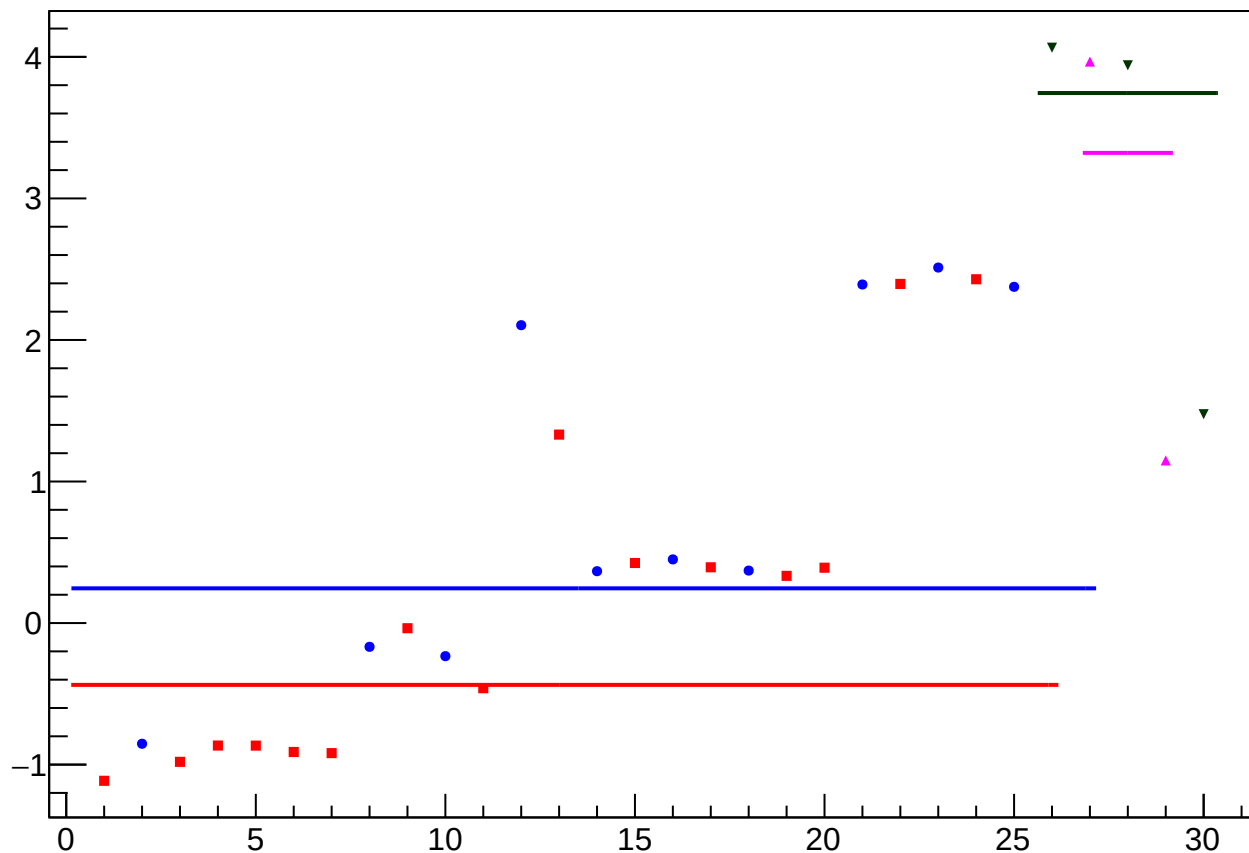
Right Out: 0.028+/-0.000 χ^2/NDF : 1053138.3/14

Left In: 0.067+/-0.000 χ^2/NDF : 130739.1/1

0.038+/-0.000 χ^2/NDF : 1972926.8/12

0.030+/-0.000 χ^2/NDF : 1812892.7/16

yield_bpm1Y_mean vs slug



Right In: 0.245+/-0.000 χ^2/NDF : 6578209420.9/9

Left Out: 3.745+/-0.000 χ^2/NDF :141448149.0/2

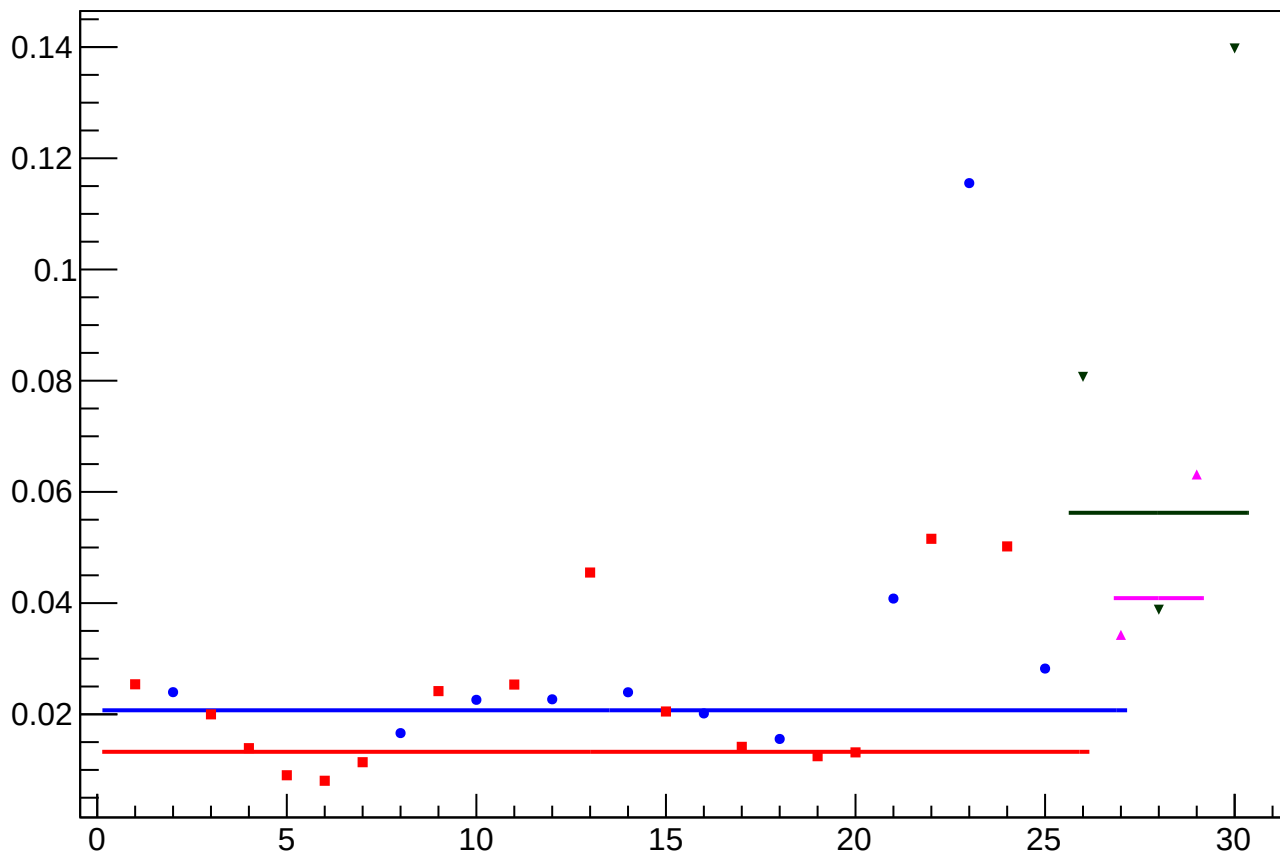
Right Out: -0.437+/-0.000 χ^2/NDF : 10334033489.2/14

Left In: 3.322+/-0.000 χ^2/NDF :720667524.3/1

0.346+/-0.000 χ^2/NDF : 10023517620.6/12

-0.357+/-0.000 χ^2/NDF : 18163908842.6/16

yield_bpm1Y_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 900895.7/9

Left Out: 0.056+/-0.000 χ^2/NDF : 533595.1/2

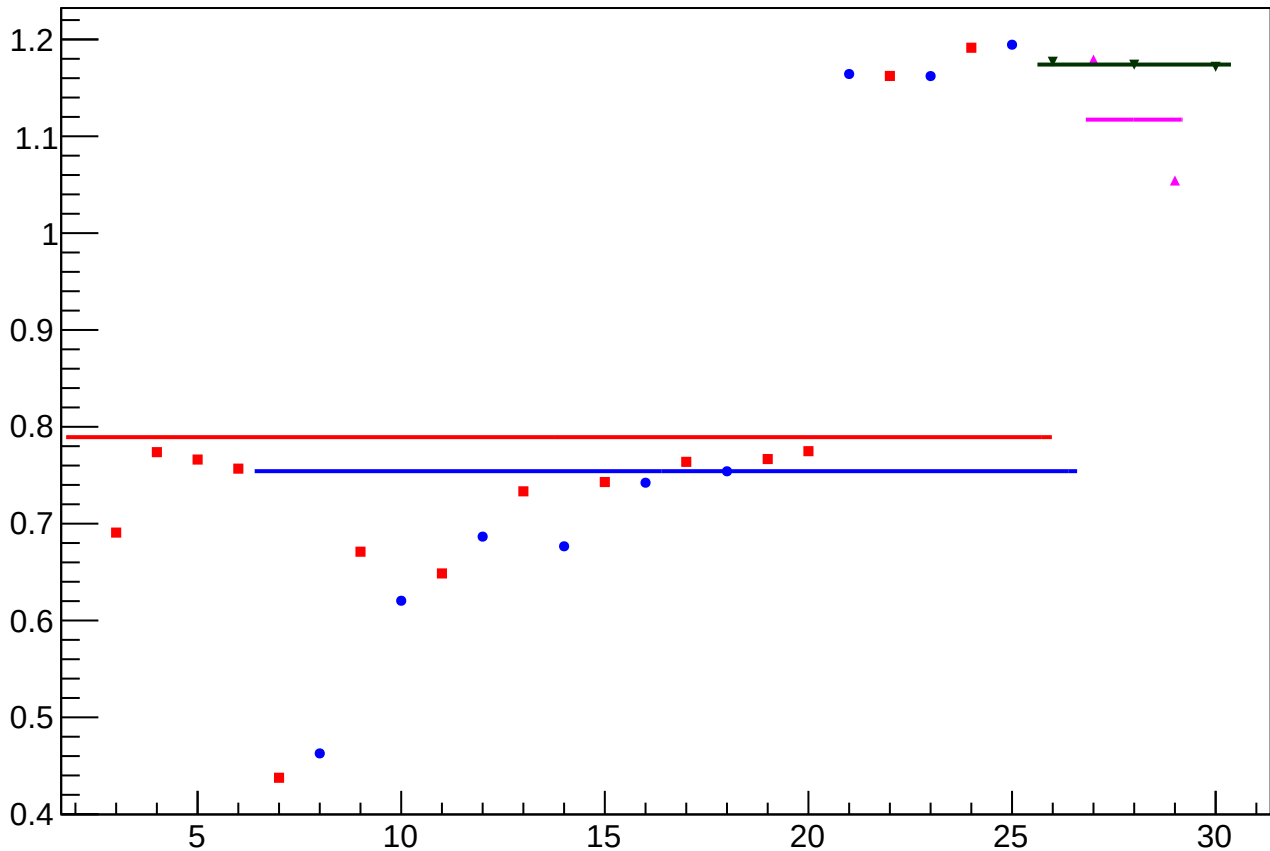
Right Out: 0.013+/-0.000 χ^2/NDF : 2108686.6/14

Left In: 0.041+/-0.000 χ^2/NDF : 151089.4/1

0.022+/-0.000 χ^2/NDF : 2115386.1/12

0.014+/-0.000 χ^2/NDF : 3028580.4/16

yield_bpm11X_mean vs slug



Right In: 0.754 $\pm$ 0.000 χ^2 /NDF: 752430525.4/8

Left Out: 1.174 $\pm$ 0.000 χ^2 /NDF:13368.6/2

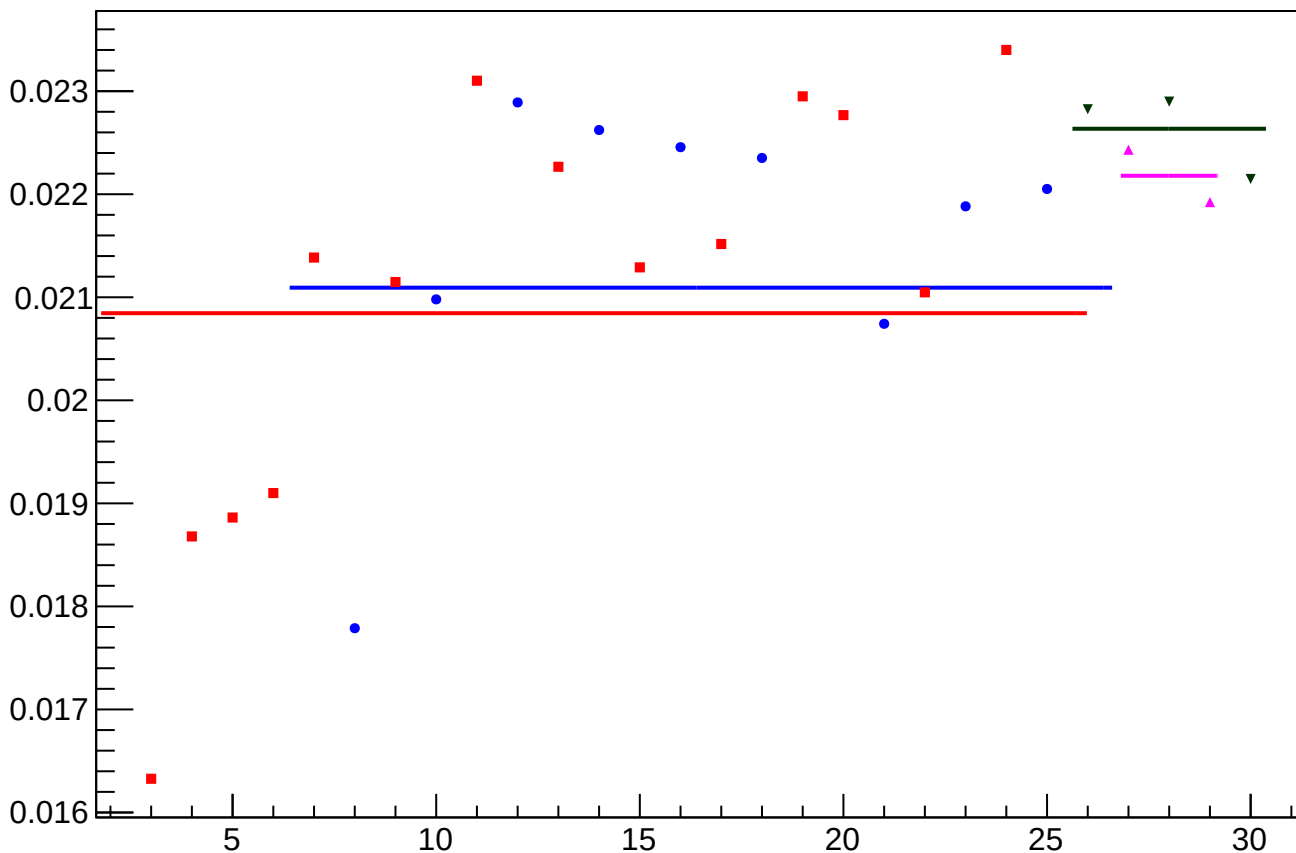
0.842 $\pm$ 0.000 χ^2 /NDF: 1206511366.3/11

Right Out: 0.789 $\pm$ 0.000 χ^2 /NDF: 488767472.8/13

0.851 $\pm$ 0.000 χ^2 /NDF: 791925497.9/15

Left In: 1.117 $\pm$ 0.000 χ^2 /NDF:12958551.6/1

yield_bpm11X_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 79846.8/8

Left Out: 0.023+/-0.000 χ^2/NDF : 746.3/2

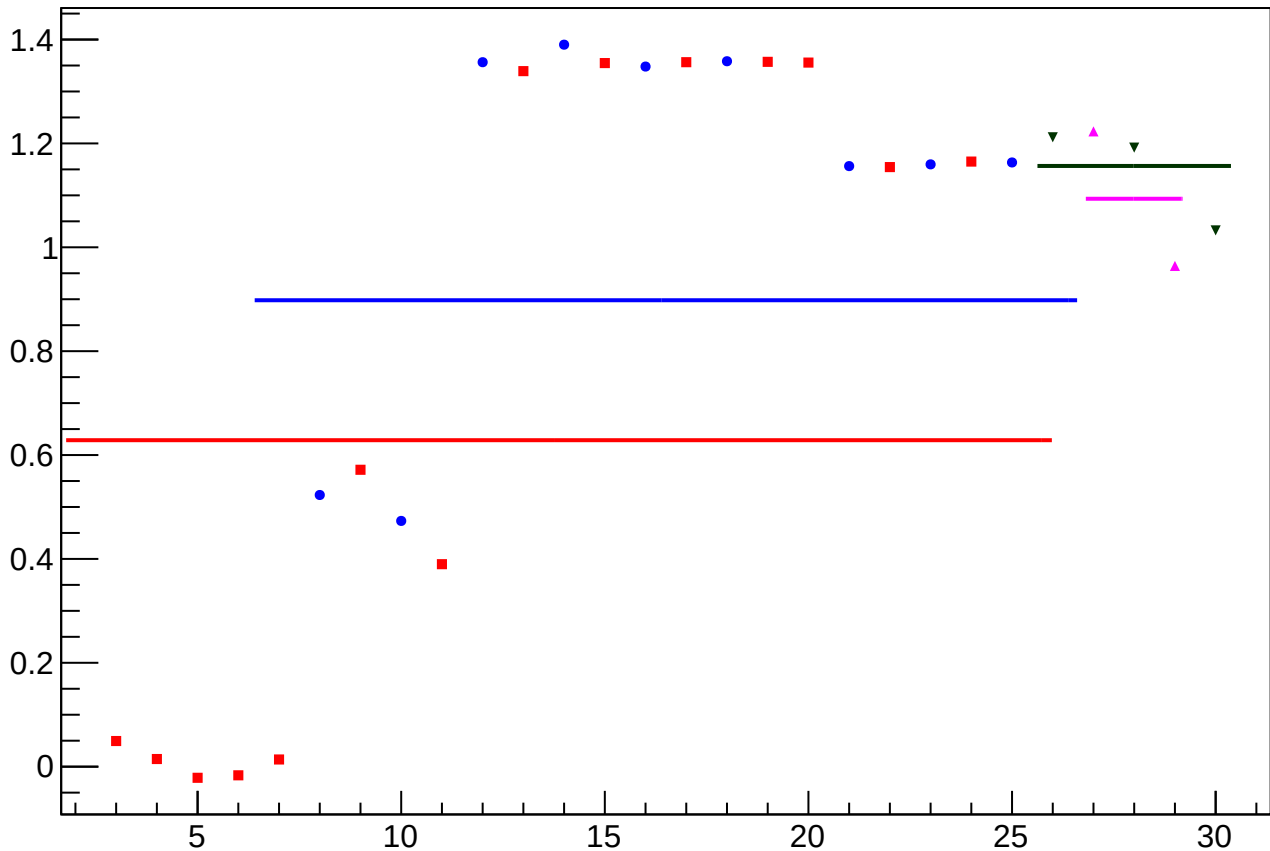
Right Out: 0.021+/-0.000 χ^2/NDF : 117205.4/13

Left In: 0.022+/-0.000 χ^2/NDF : 429.0/1

0.021+/-0.000 χ^2/NDF : 92846.5/11

0.021+/-0.000 χ^2/NDF : 127241.4/15

yield_bpm11Y_mean vs slug



Right In: 0.898 $\pm$ 0.000 χ^2 /NDF: 77935652300.0/8

Left Out: 1.157 $\pm$ 0.000 χ^2 /NDF: 589290350.4/2

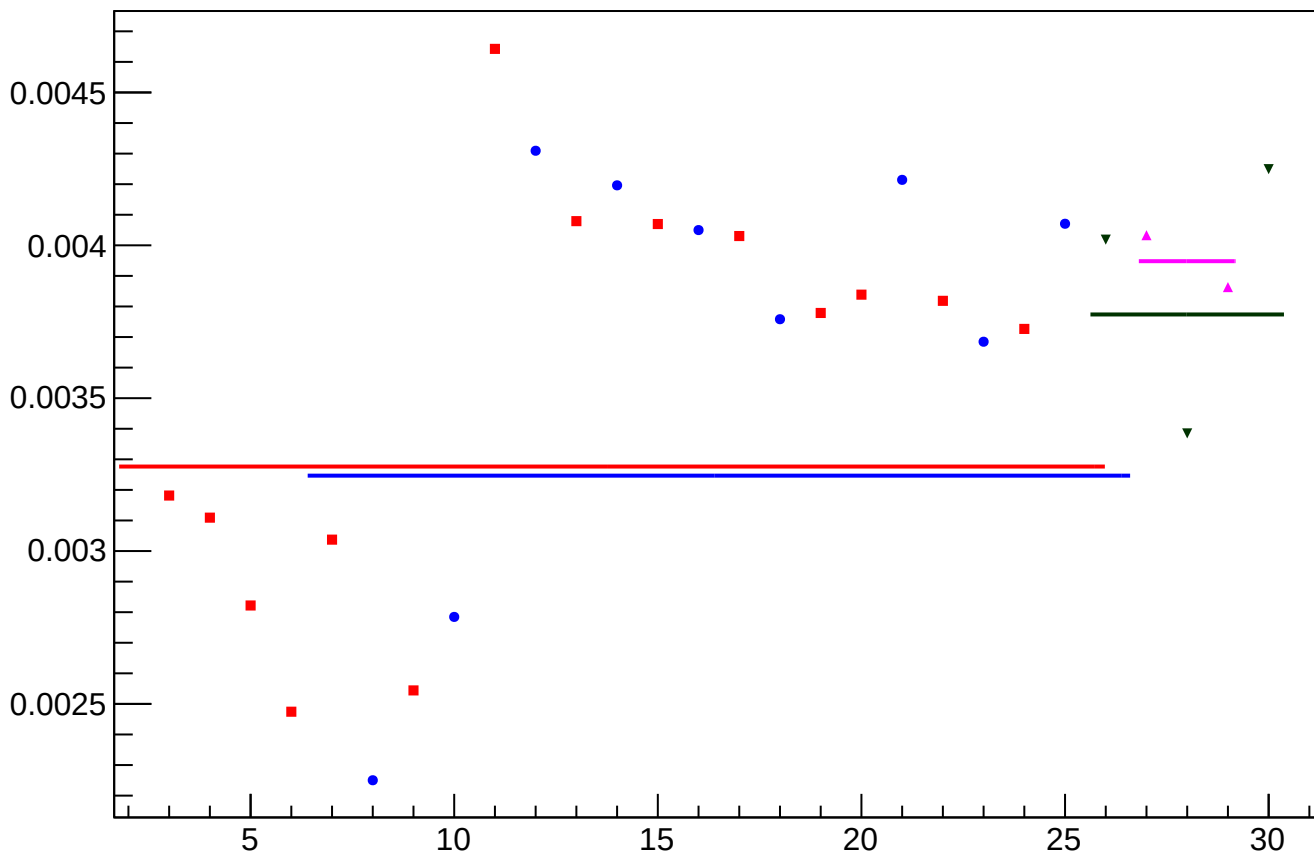
0.946 $\pm$ 0.000 χ^2 /NDF: 84537499978.6/11

Right Out: 0.629 $\pm$ 0.000 χ^2 /NDF: 172791231458.4/13

0.702 $\pm$ 0.000 χ^2 /NDF: 193343758418.9/15

Left In: 1.093 $\pm$ 0.000 χ^2 /NDF: 1732848104.3/1

yield_bpm11Y_rms vs slug



Right In: 0.003 ± 0.000 χ^2/NDF : 672527.9/8

Left Out: 0.004 ± 0.000 χ^2/NDF : 32281.5/2

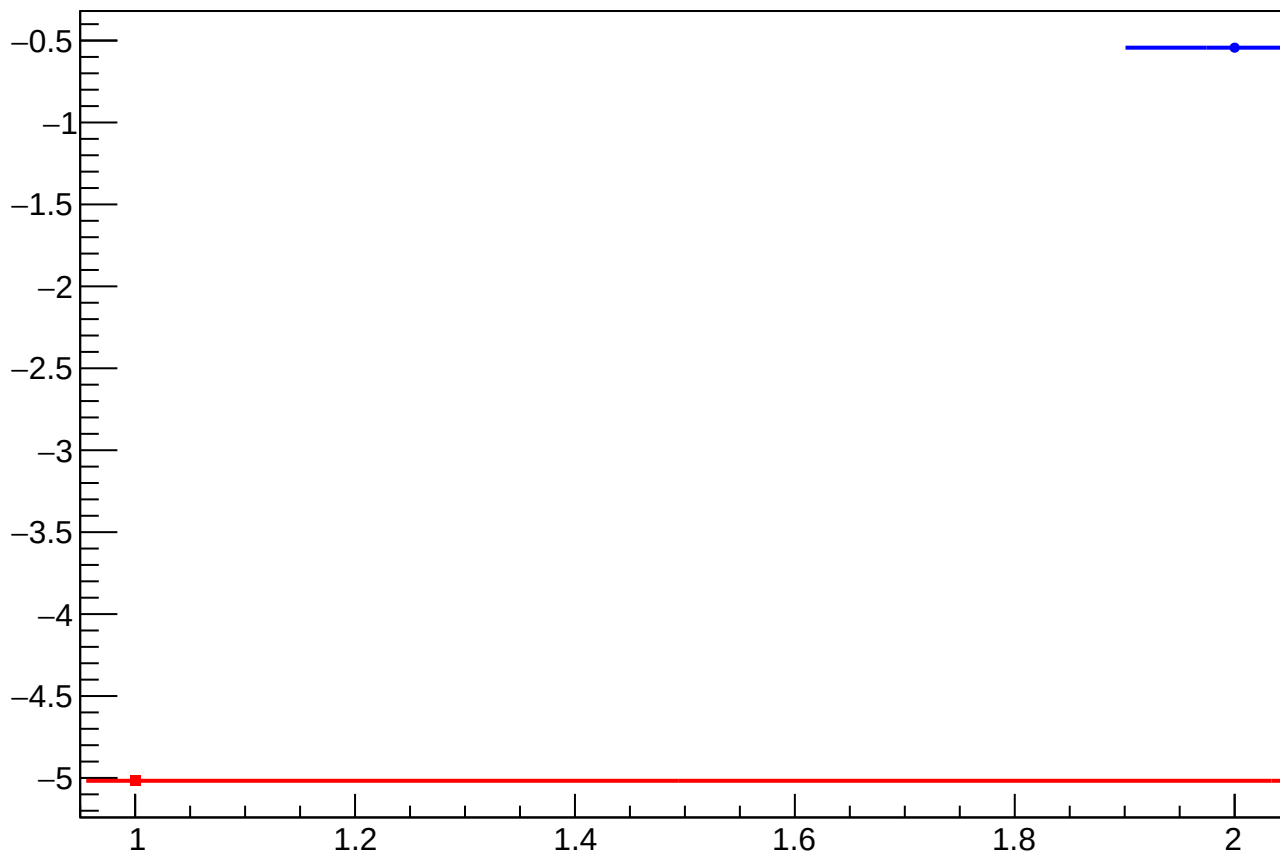
Right Out: 0.003 ± 0.000 χ^2/NDF : 533958.6/13

Left In: 0.004 ± 0.000 χ^2/NDF : 1488.5/1

0.003 ± 0.000 χ^2/NDF : 754809.1/11

0.003 ± 0.000 χ^2/NDF : 614035.1/15

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

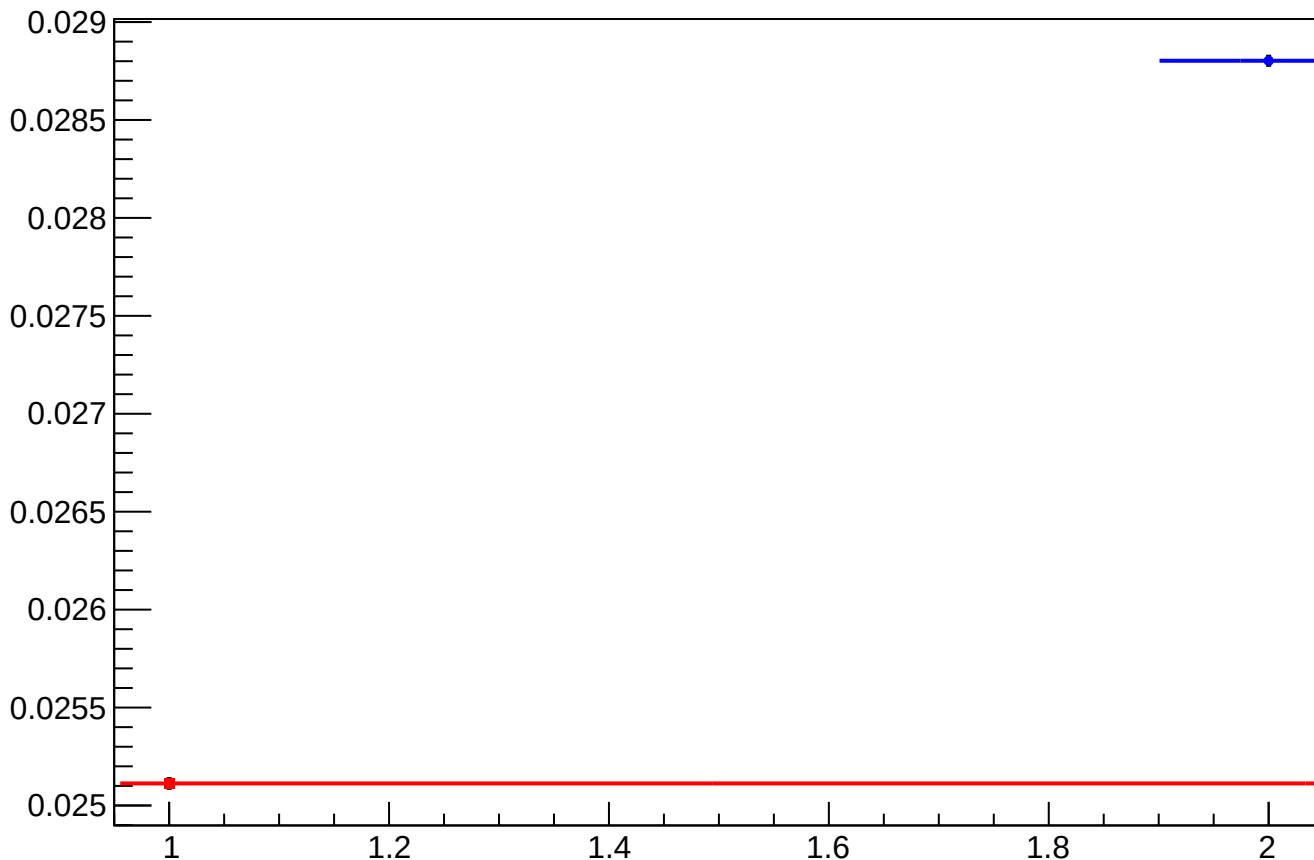
Right Out: -5.017+/-0.000 χ^2 /NDF: 0.0/0

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

-0.544+/-0.000 χ^2 /NDF: 0.0/0

-5.017+/-0.000 χ^2 /NDF: 0.0/0

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

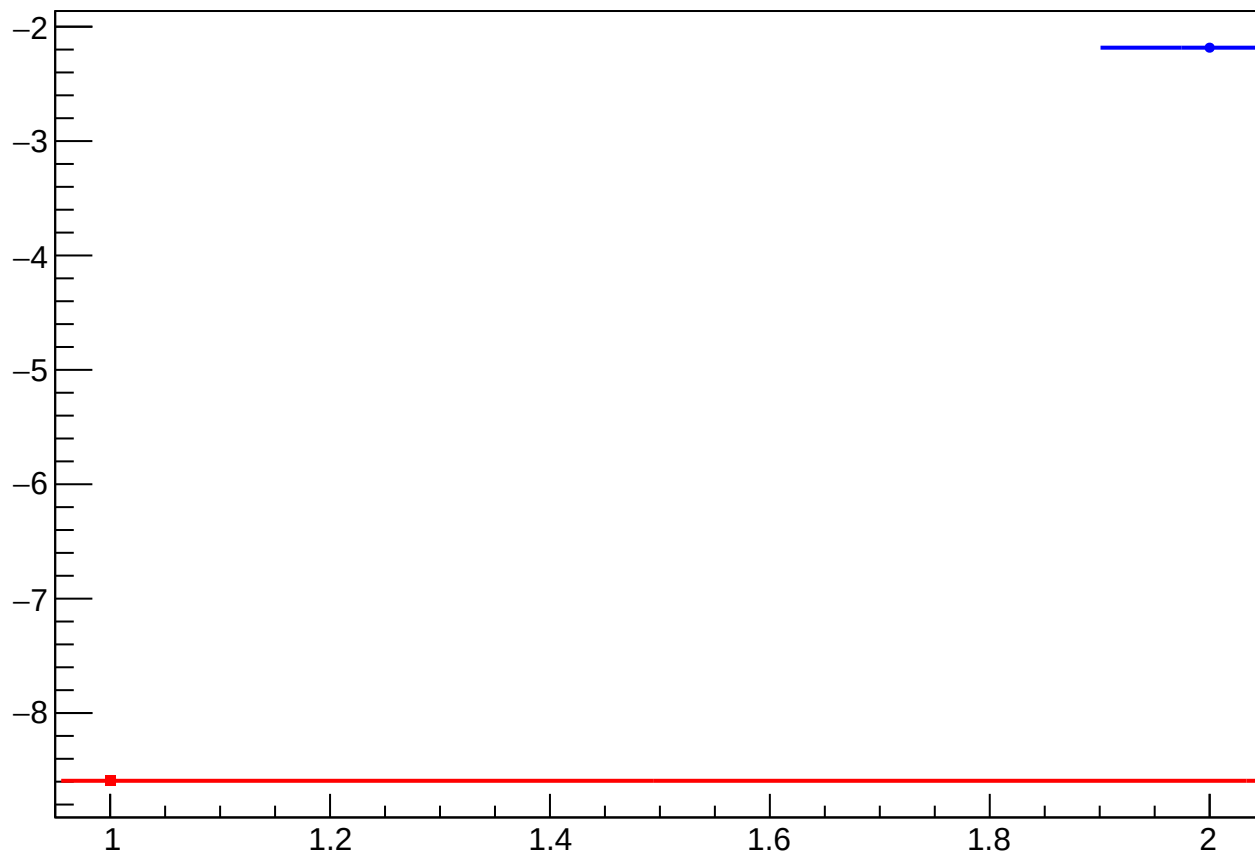
Right Out: 0.025+/-0.000 χ^2 /NDF: 0.0/0

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

0.029+/-0.000 χ^2 /NDF: 0.0/0

0.025+/-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

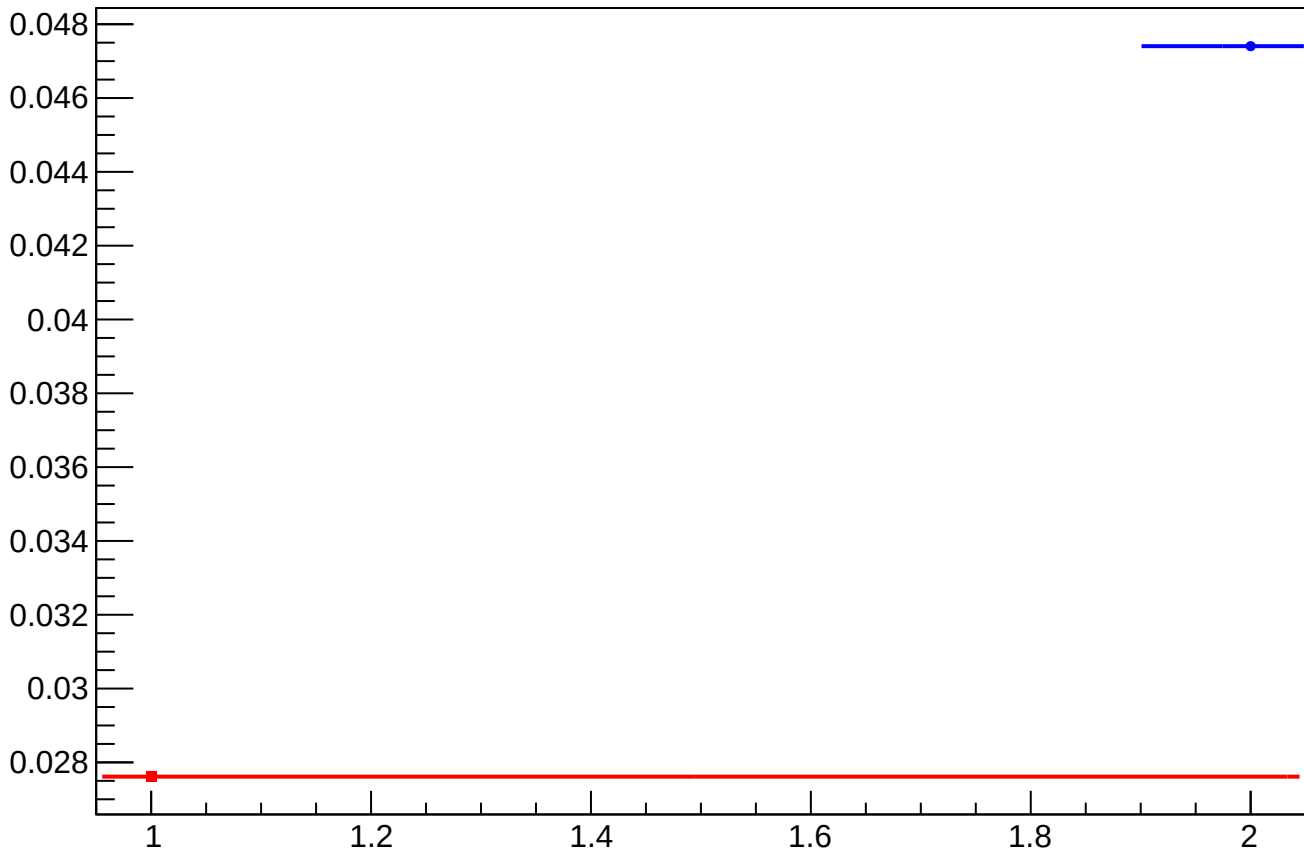
Right Out: -8.592+/-0.000 χ^2/NDF : 0.0/0

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

-2.183+/-0.000 χ^2/NDF : 0.0/0

-8.592+/-0.000 χ^2/NDF : 0.0/0

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

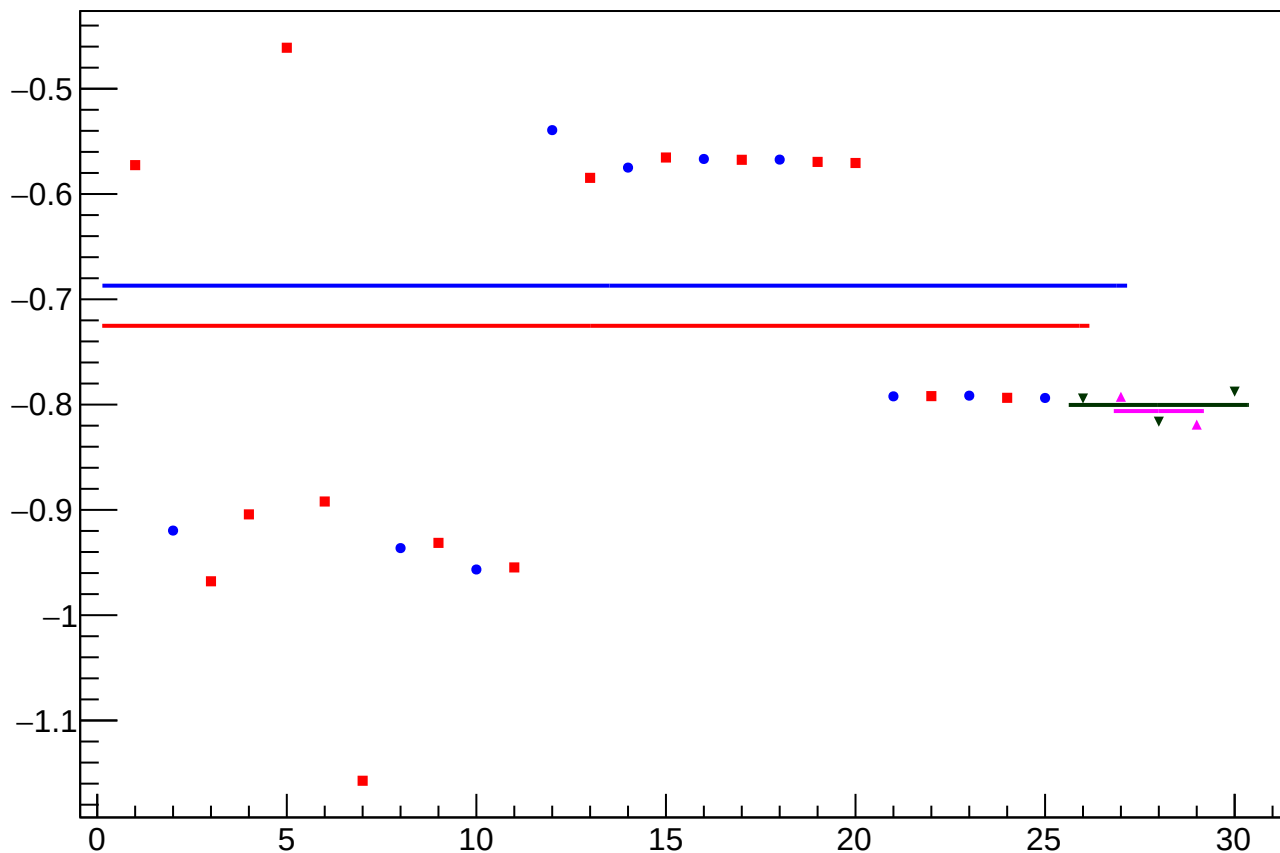
Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

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

0.047+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs slug



Right In: -0.687 ± 0.000 χ^2/NDF : 1729653562.7/9

Left Out: -0.800 ± 0.000 χ^2/NDF : 4491173.7/2

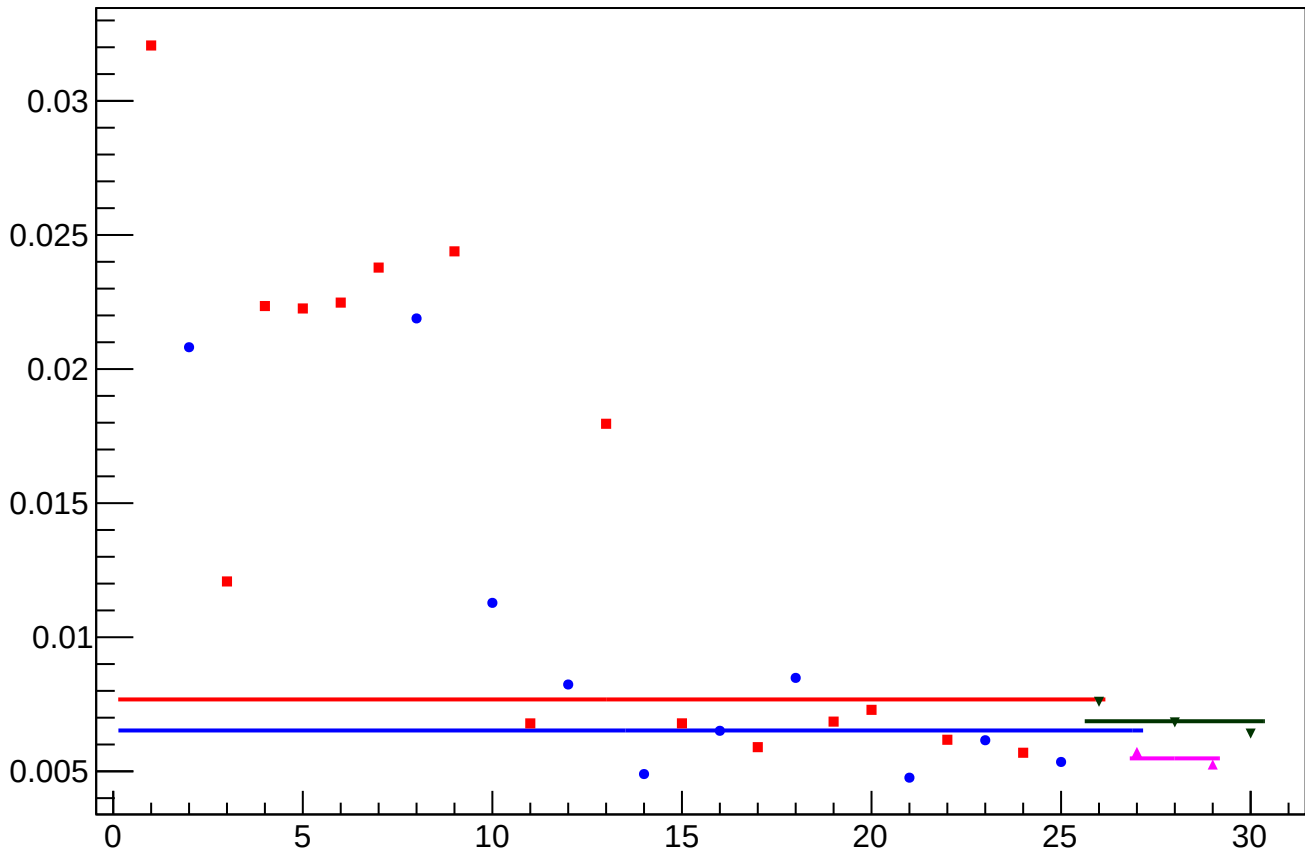
Right Out: -0.725 ± 0.000 χ^2/NDF : 1861329536.8/14

Left In: -0.806 ± 0.000 χ^2/NDF : 6903760.9/1

-0.712 ± 0.000 χ^2/NDF : 2008577892.6/12

-0.753 ± 0.000 χ^2/NDF : 2038414432.3/16

yield_bpm12X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 2155095.2/9

Left Out: 0.007+/-0.000 χ^2/NDF :11497.6/2

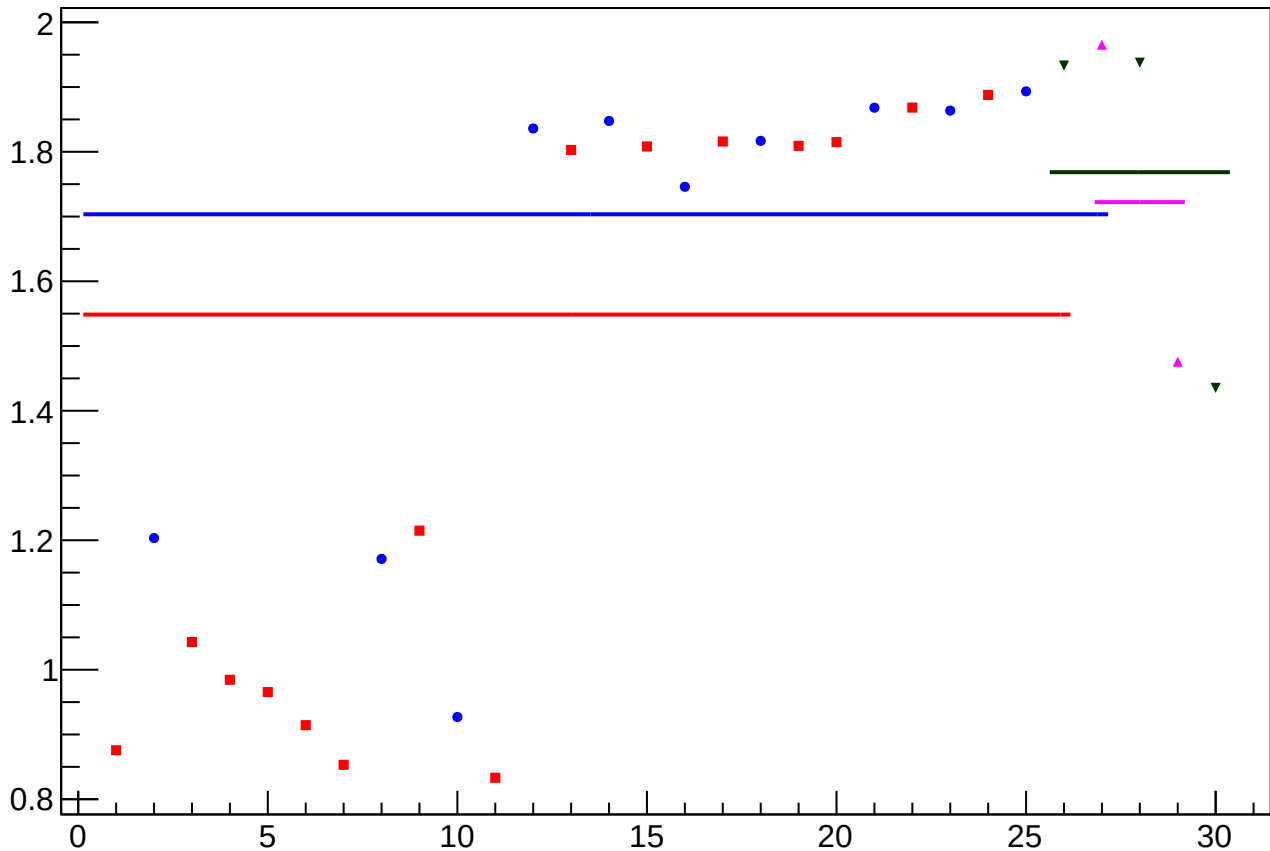
0.007+/-0.000 χ^2/NDF : 2171665.3/12

Right Out: 0.008+/-0.000 χ^2/NDF : 3007533.6/14

0.007+/-0.000 χ^2/NDF : 3262666.5/16

Left In: 0.005+/-0.000 χ^2/NDF :4349.6/1

yield_bpm12Y_mean vs slug



Right In: 1.703+/-0.000 χ^2/NDF : 10321010612.2/9

Left Out: 1.769+/-0.000 χ^2/NDF :1911970613.3/2

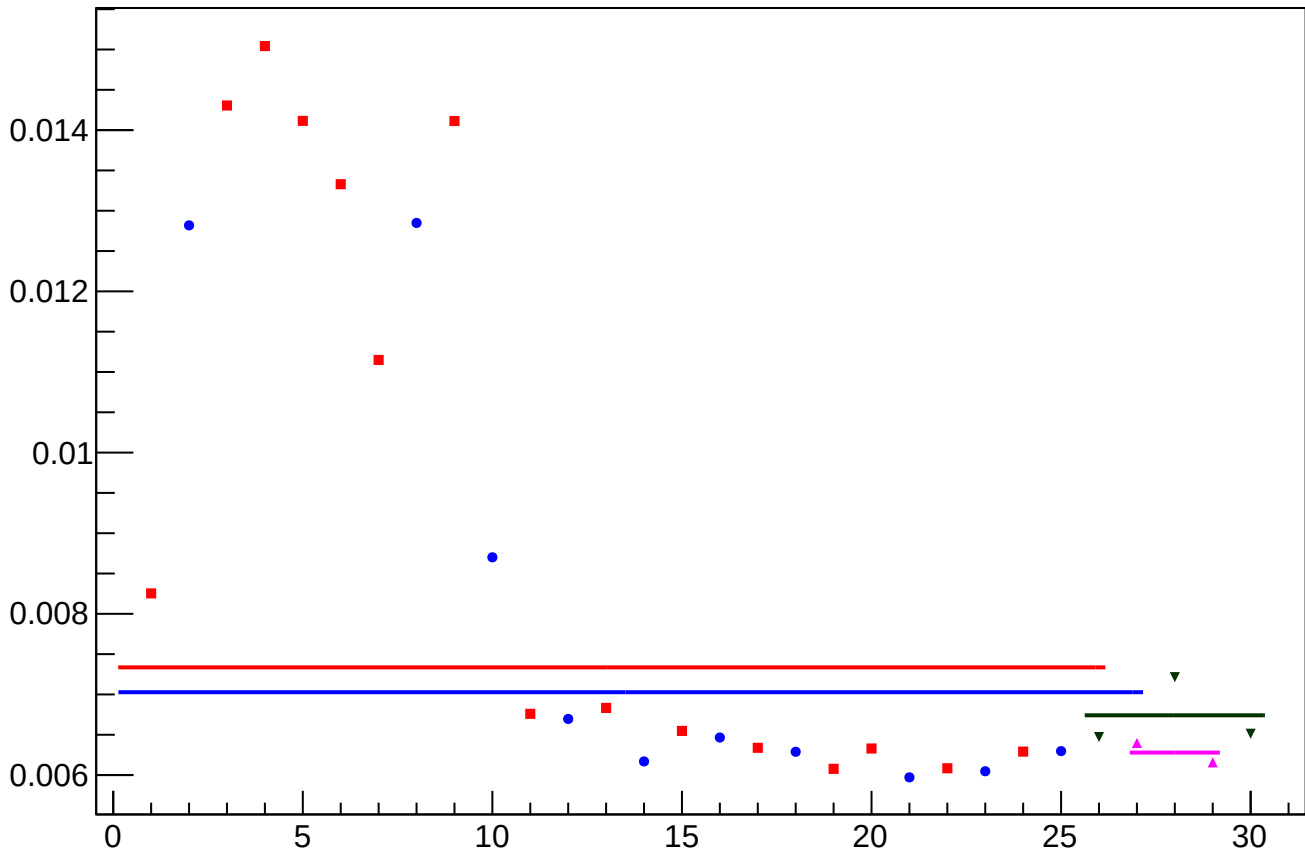
1.718+/-0.000 χ^2/NDF : 12344777130.4/12

Right Out: 1.549+/-0.000 χ^2/NDF : 20500189901.1/14

1.594+/-0.000 χ^2/NDF : 23662444503.5/16

Left In: 1.722+/-0.000 χ^2/NDF :2304536357.9/1

yield_bpm12Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 840877.8/9

Left Out: 0.007+/-0.000 χ^2/NDF :8112.7/2

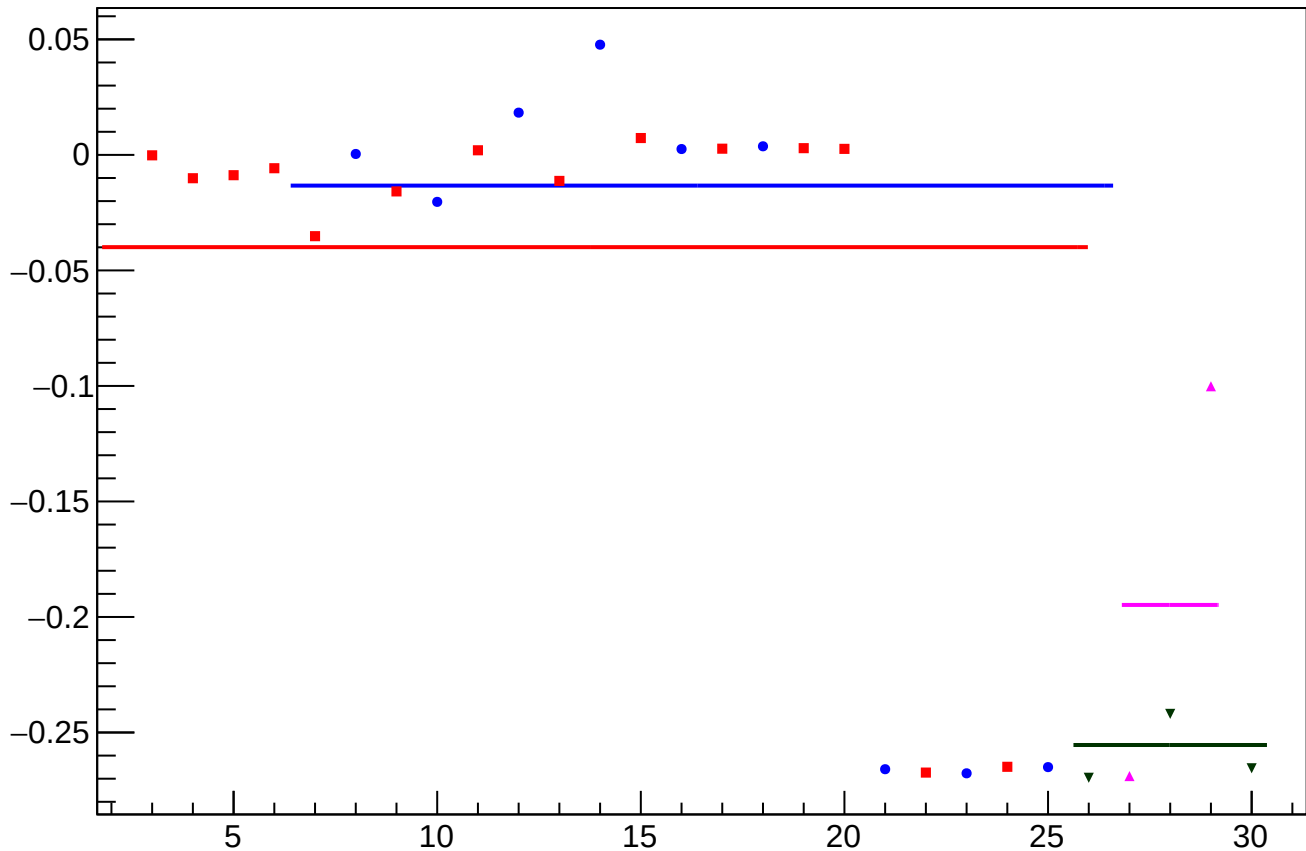
Right Out: 0.007+/-0.000 χ^2/NDF : 1204804.6/14

Left In: 0.006+/-0.000 χ^2/NDF :1109.7/1

0.007+/-0.000 χ^2/NDF : 853326.0/12

0.007+/-0.000 χ^2/NDF : 1269425.1/16

yield_bpm16X_mean vs slug



Right In: -0.013+/-0.000 χ^2/NDF : 1322249795.7/8

Left Out: -0.255+/-0.000 χ^2/NDF : 4645310.9/2

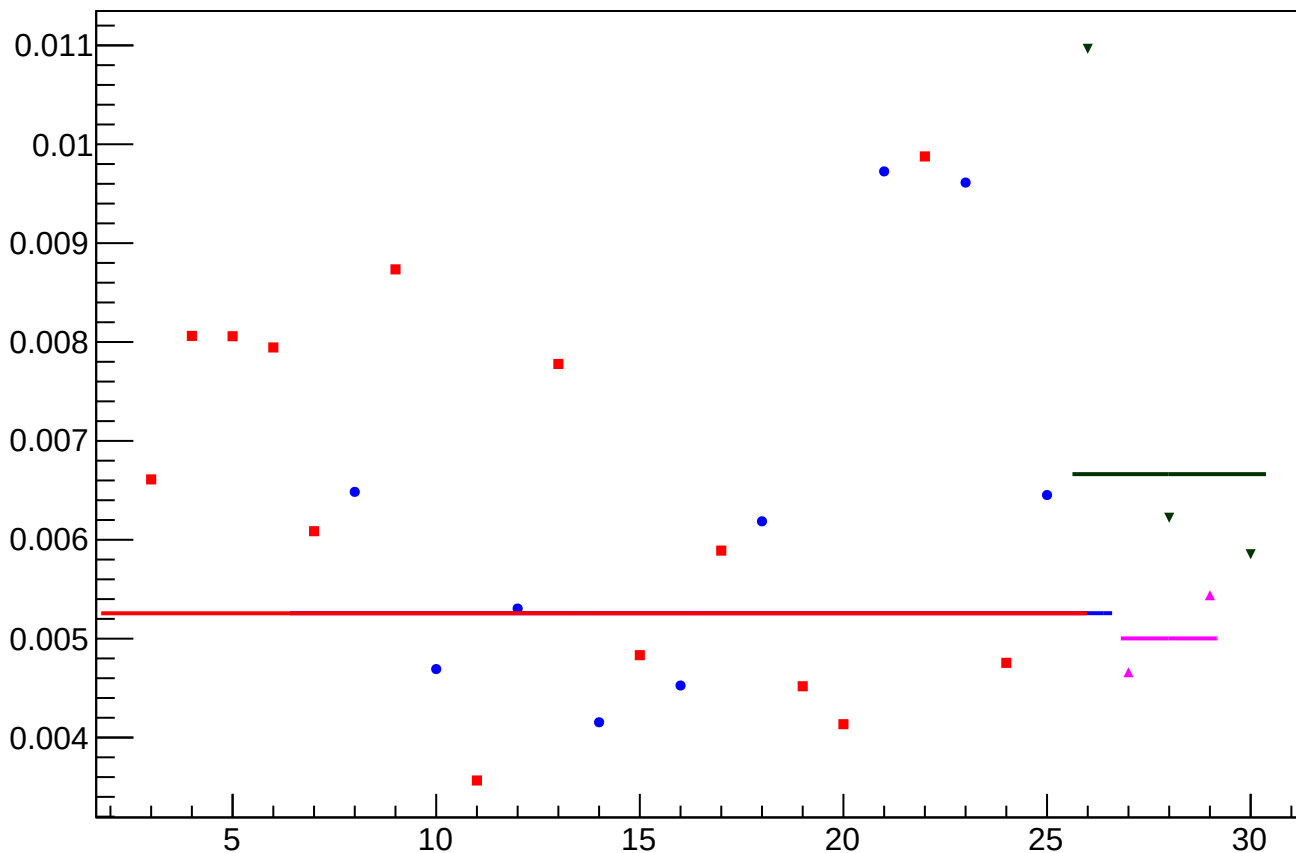
-0.049+/-0.000 χ^2/NDF : 2871019046.7/11

Right Out: -0.040+/-0.000 χ^2/NDF : 1747436048.1/13

-0.075+/-0.000 χ^2/NDF : 3205278846.1/15

Left In: -0.195+/-0.000 χ^2/NDF : 399218720.0/1

yield_bpm16X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 702008.7/8

Left Out: 0.007+/-0.000 χ^2/NDF :167062.4/2

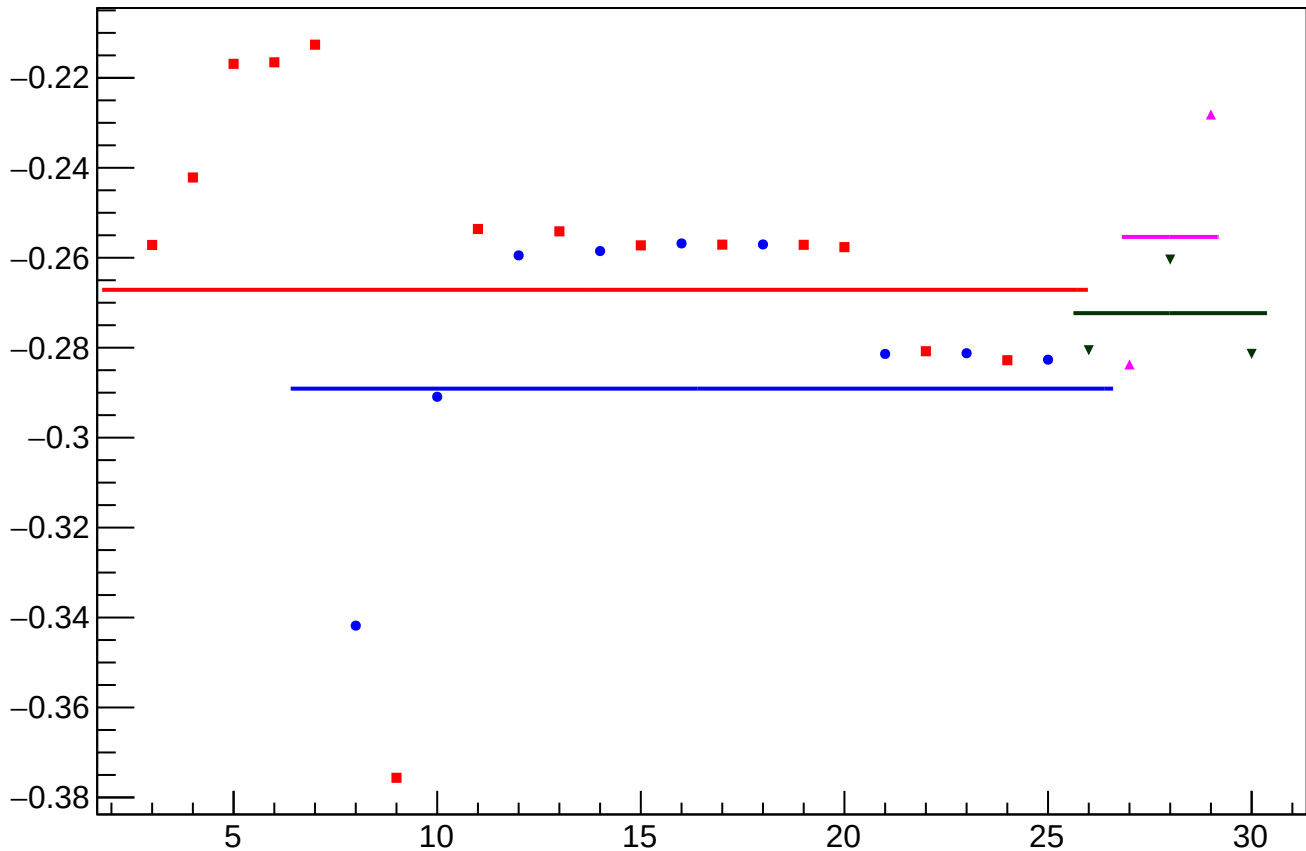
Right Out: 0.005+/-0.000 χ^2/NDF : 1207381.7/13

Left In: 0.005+/-0.000 χ^2/NDF :17002.2/1

0.005+/-0.000 χ^2/NDF : 973258.8/11

0.005+/-0.000 χ^2/NDF : 1230081.2/15

yield_bpm16Y_mean vs slug



Right In: -0.289+/-0.000 χ^2/NDF : 949040130.4/8

Left Out: -0.272+/-0.000 χ^2/NDF : 20761779.3/2

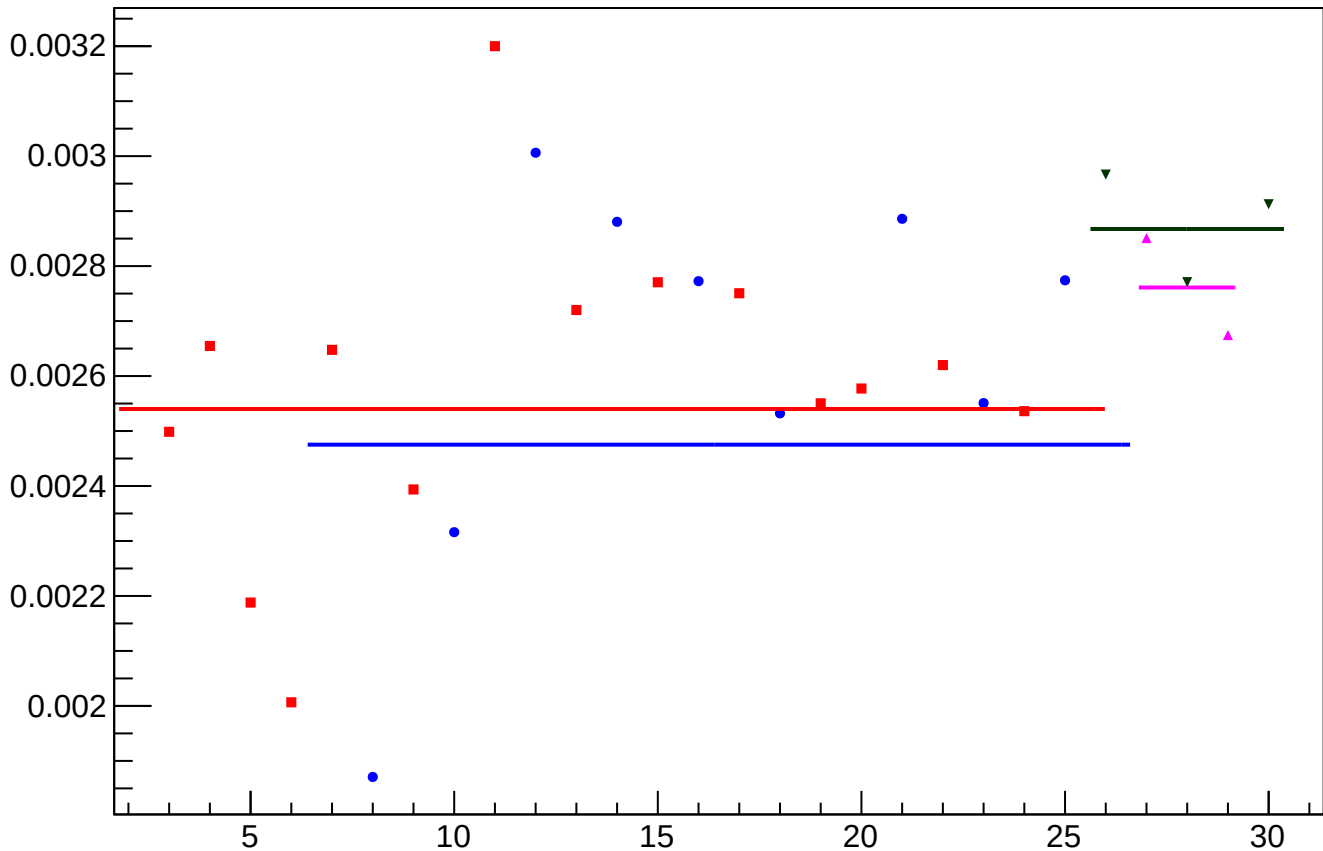
-0.286+/-0.000 χ^2/NDF : 1015734858.4/11

Right Out: -0.267+/-0.000 χ^2/NDF : 2049816222.8/13

-0.265+/-0.000 χ^2/NDF : 2236049794.6/15

Left In: -0.255+/-0.000 χ^2/NDF : 162419619.5/1

yield_bpm16Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 288679.1/8

Left Out: 0.003+/-0.000 χ^2/NDF :2905.2/2

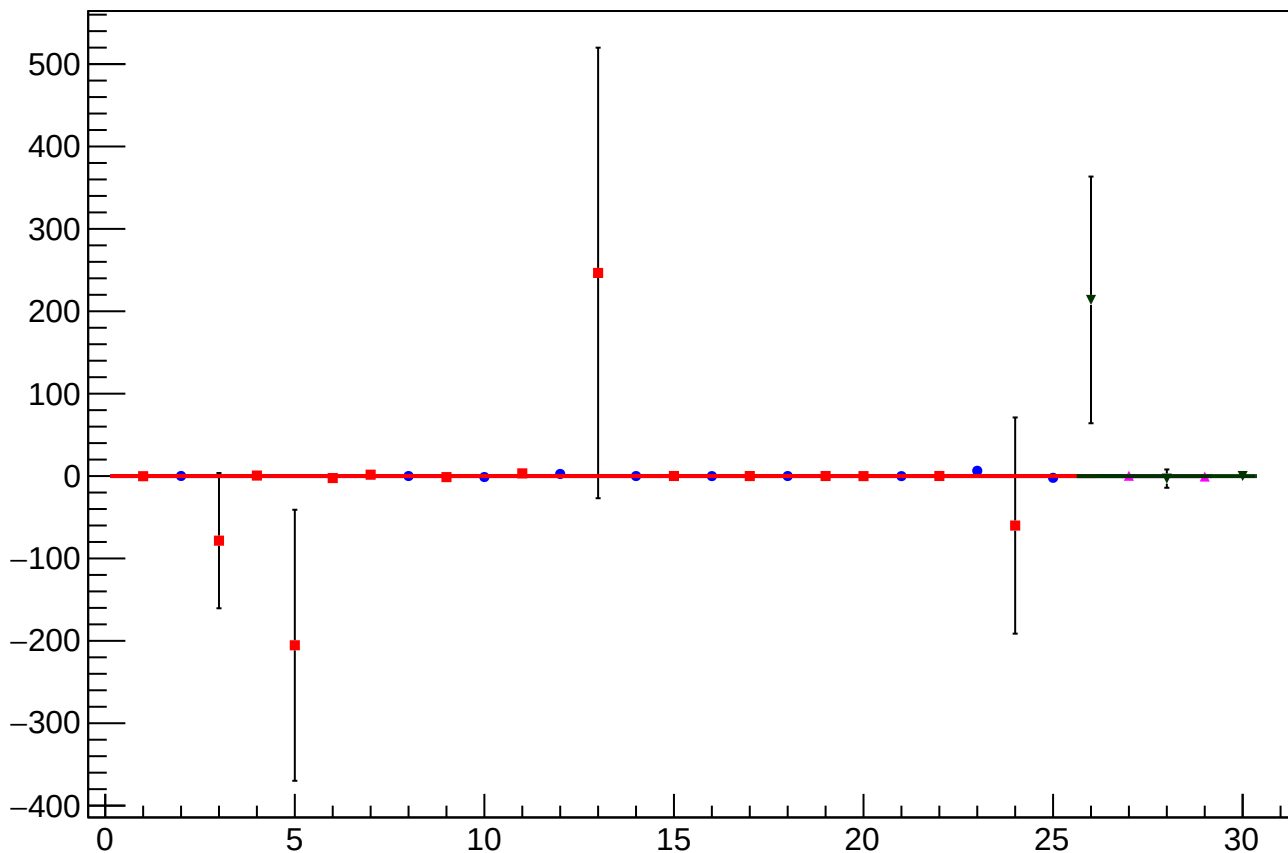
0.003+/-0.000 χ^2/NDF : 341766.8/11

Right Out: 0.003+/-0.000 χ^2/NDF : 167162.9/13

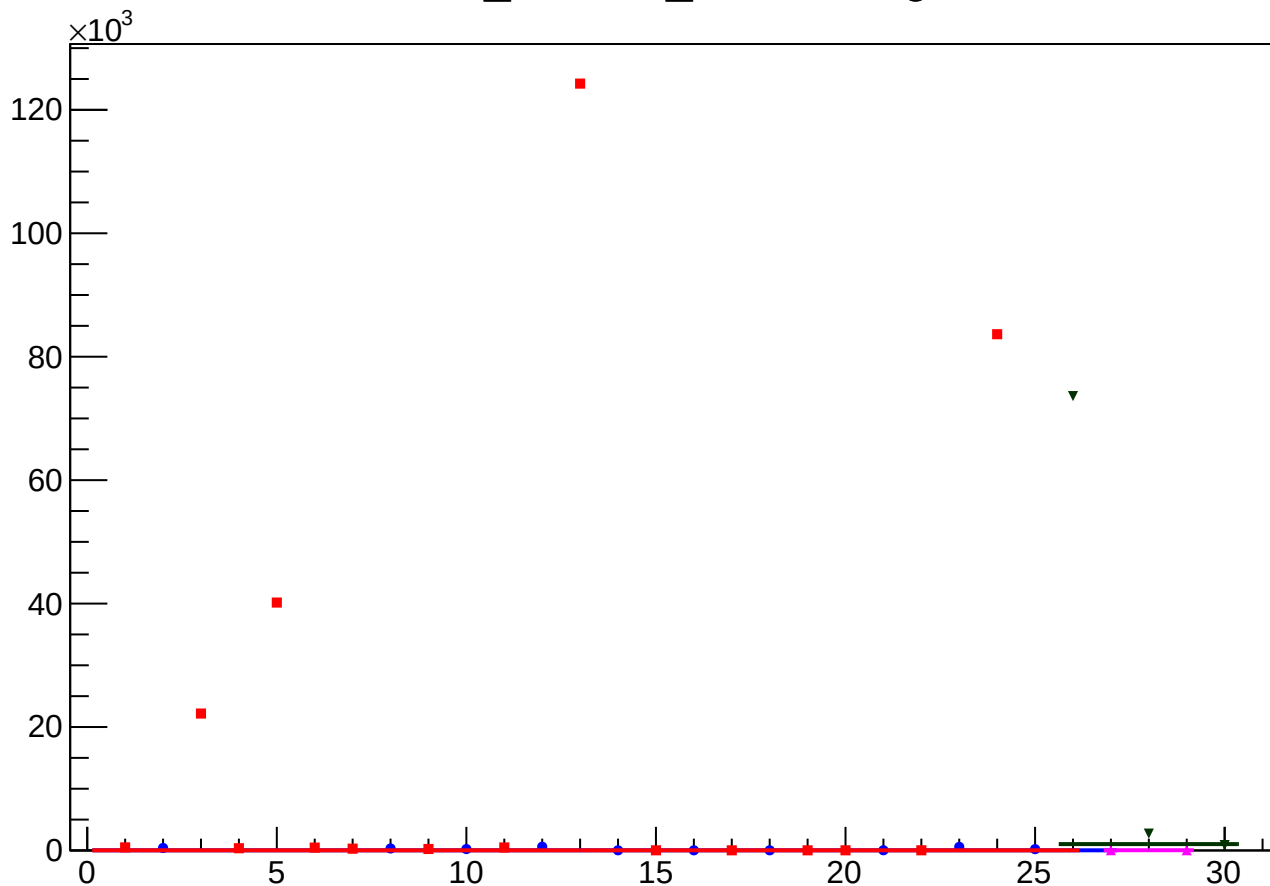
0.003+/-0.000 χ^2/NDF : 187259.7/15

Left In: 0.003+/-0.000 χ^2/NDF :3273.8/1

diff_cav4bX_mean vs slug



diff_cav4bX_rms vs slug



Right In: 22.455 $\pm$ 0.011 χ^2/NDF : 763222.9/9

Left Out: 1029.767 $\pm$ 2.045 χ^2/NDF : 522128.8/2

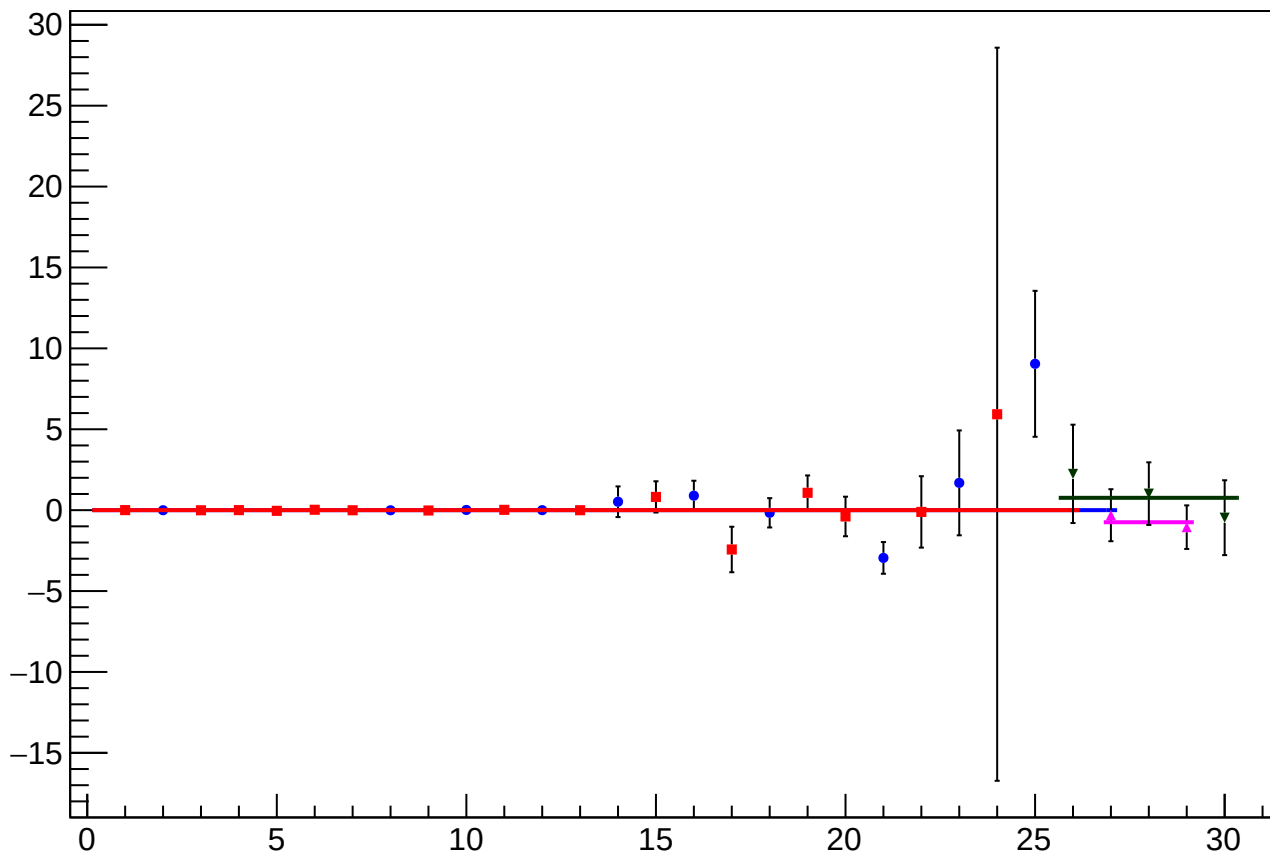
Right Out: 22.865 $\pm$ 0.012 χ^2/NDF : 2091885.5/14

Left In: 37.845 $\pm$ 0.121 χ^2/NDF : 615.5/1

22.483 $\pm$ 0.011 χ^2/NDF : 1528086.8/12

23.005 $\pm$ 0.012 χ^2/NDF : 2107634.3/16

diff_cav4bY_mean vs slug



Right In: 0.000 $\pm$ 0.006 χ^2 /NDF: 16.3/9

Left Out: 0.762 $\pm$ 1.334 χ^2 /NDF: 0.5/2

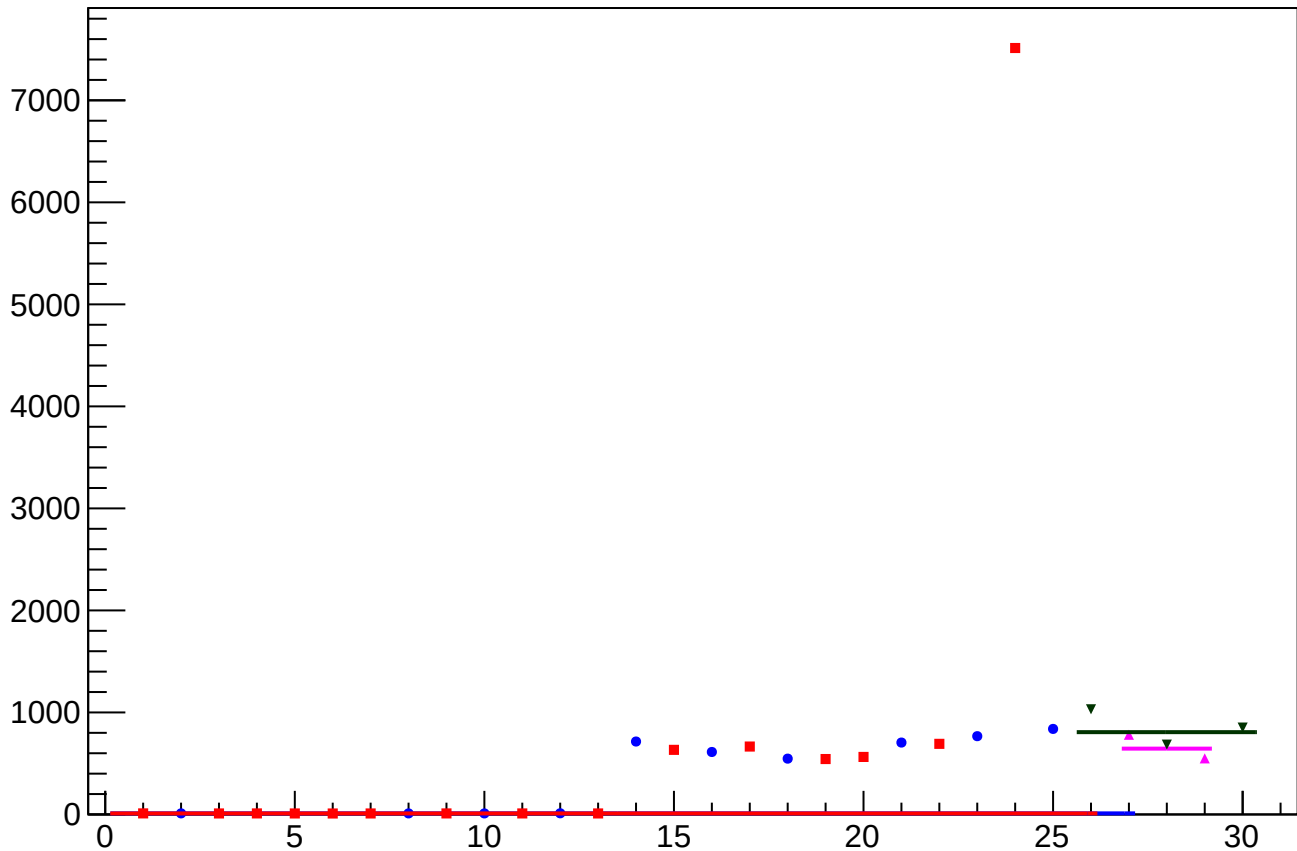
Right Out: 0.002 $\pm$ 0.005 χ^2 /NDF: 17.4/14

Left In: -0.746 $\pm$ 1.032 χ^2 /NDF: 0.1/1

0.000 $\pm$ 0.006 χ^2 /NDF: 17.1/12

0.002 $\pm$ 0.005 χ^2 /NDF: 18.0/16

diff_cav4bY_rms vs slug



Right In: 10.597 ± 0.004 χ^2/NDF : 3840802.0/9

Left Out: 806.782 ± 0.943 χ^2/NDF : 19588.3/2

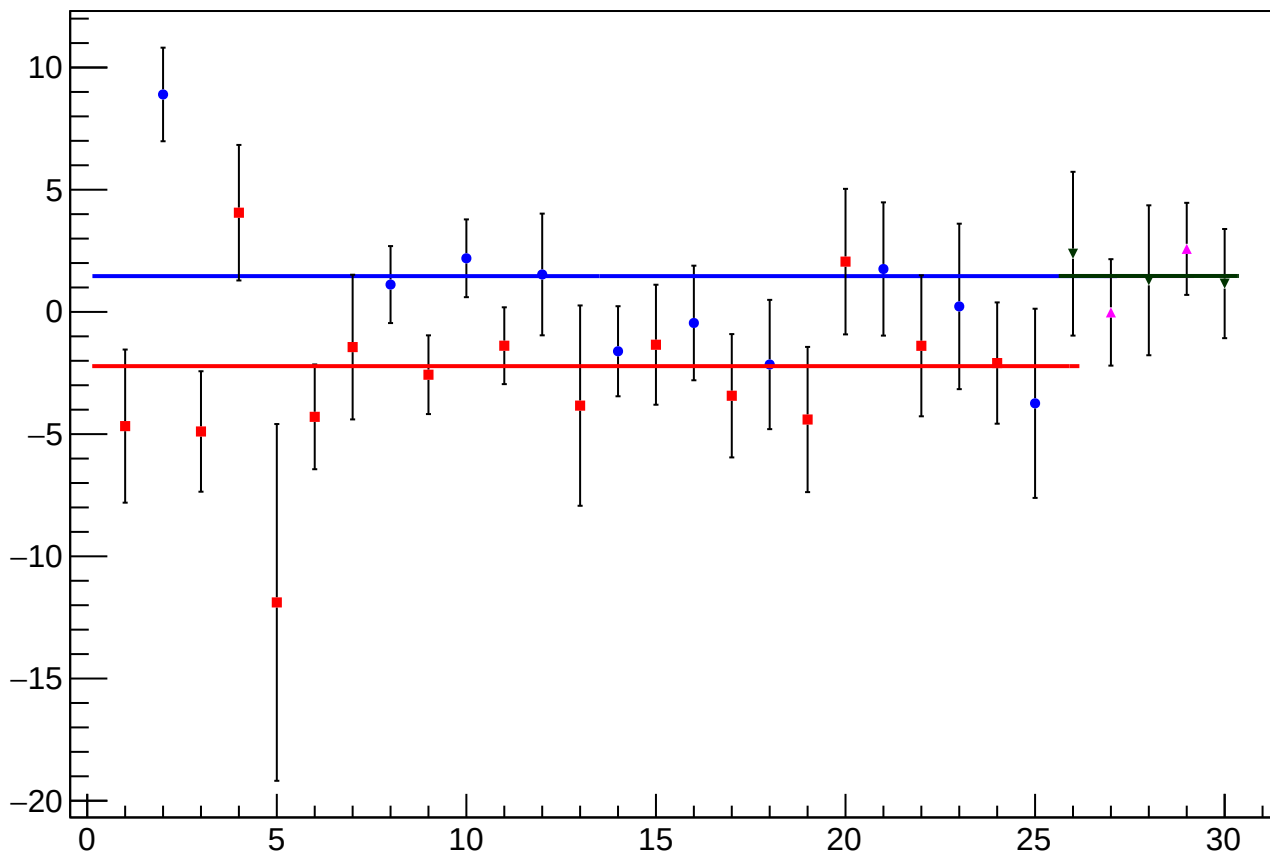
Right Out: 9.963 ± 0.003 χ^2/NDF : 2589796.1/14

Left In: 645.246 ± 0.730 χ^2/NDF : 24401.2/1

10.613 ± 0.004 χ^2/NDF : 4573010.3/12

9.978 ± 0.003 χ^2/NDF : 3371451.2/16

diff_cav4cX_mean vs slug



Right In: 1.465+/-0.684 χ^2/NDF : 22.6/9

Left Out: 1.471+/-1.589 χ^2/NDF : 0.1/2

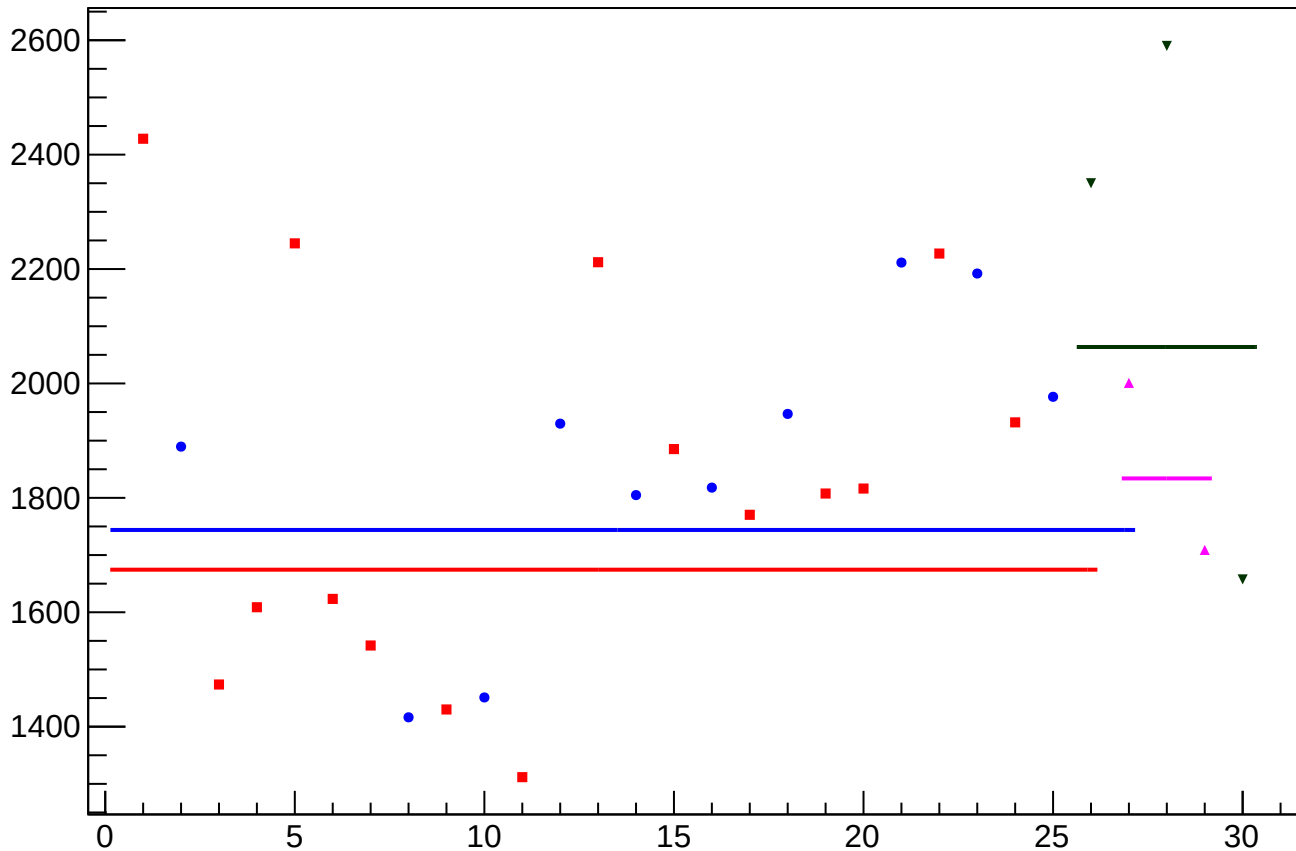
Right Out: -2.219+/-0.642 χ^2/NDF : 13.2/14

Left In: 1.468+/-1.424 χ^2/NDF : 0.8/1

1.466+/-0.628 χ^2/NDF : 22.7/12

-1.597+/-0.585 χ^2/NDF : 19.6/16

diff_cav4cX_rms vs slug



Right In: 1743.879+/-0.483 χ^2/NDF : 294055.8/9

Left Out: 2063.734+/-1.124 χ^2/NDF :139674.1/2

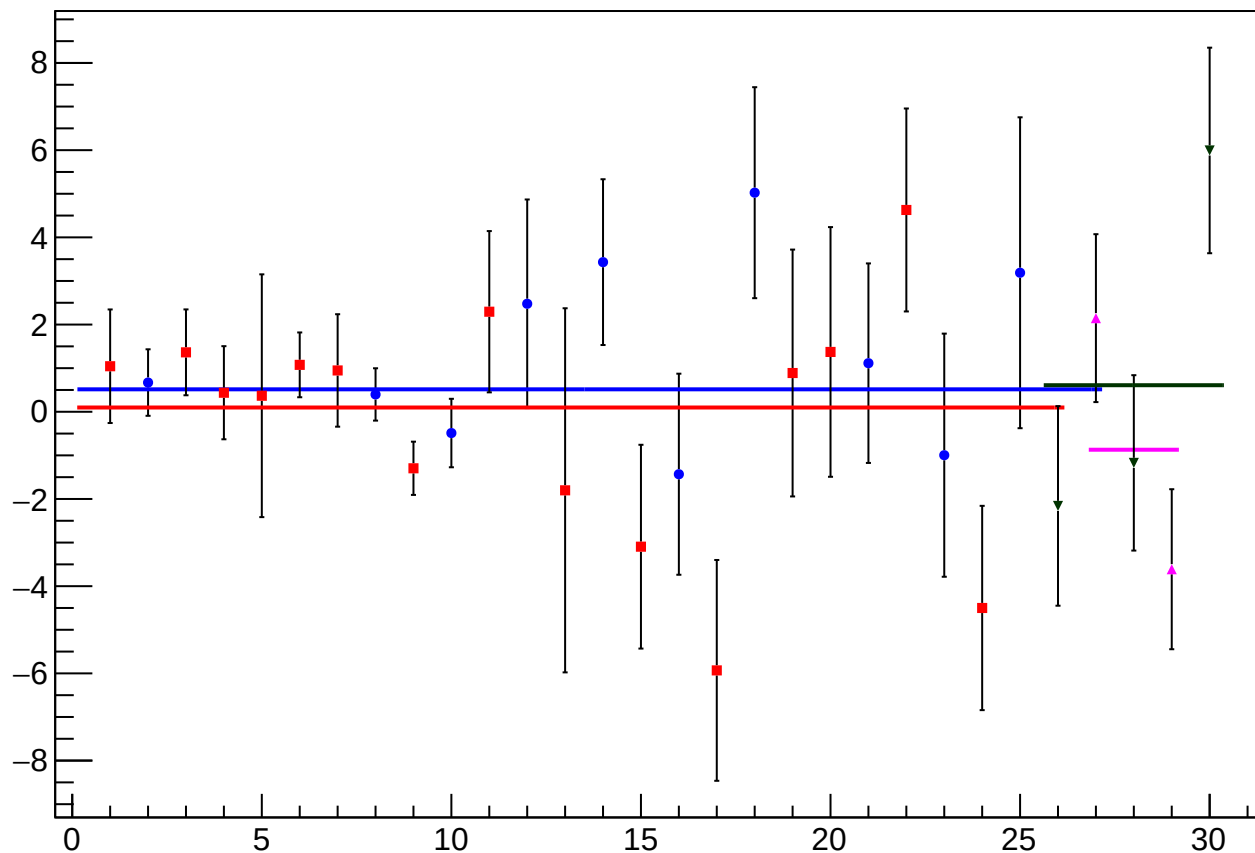
Right Out: 1674.433+/-0.454 χ^2/NDF : 455578.9/14

Left In: 1833.956+/-1.007 χ^2/NDF :20580.4/1

1793.799+/-0.444 χ^2/NDF : 502084.2/12

1701.341+/-0.414 χ^2/NDF : 497010.2/16

diff_cav4cY_mean vs slug



Right In: 0.515 ± 0.369 χ^2/NDF : 9.9/9

Left Out: 0.609 ± 1.272 χ^2/NDF : 7.5/2

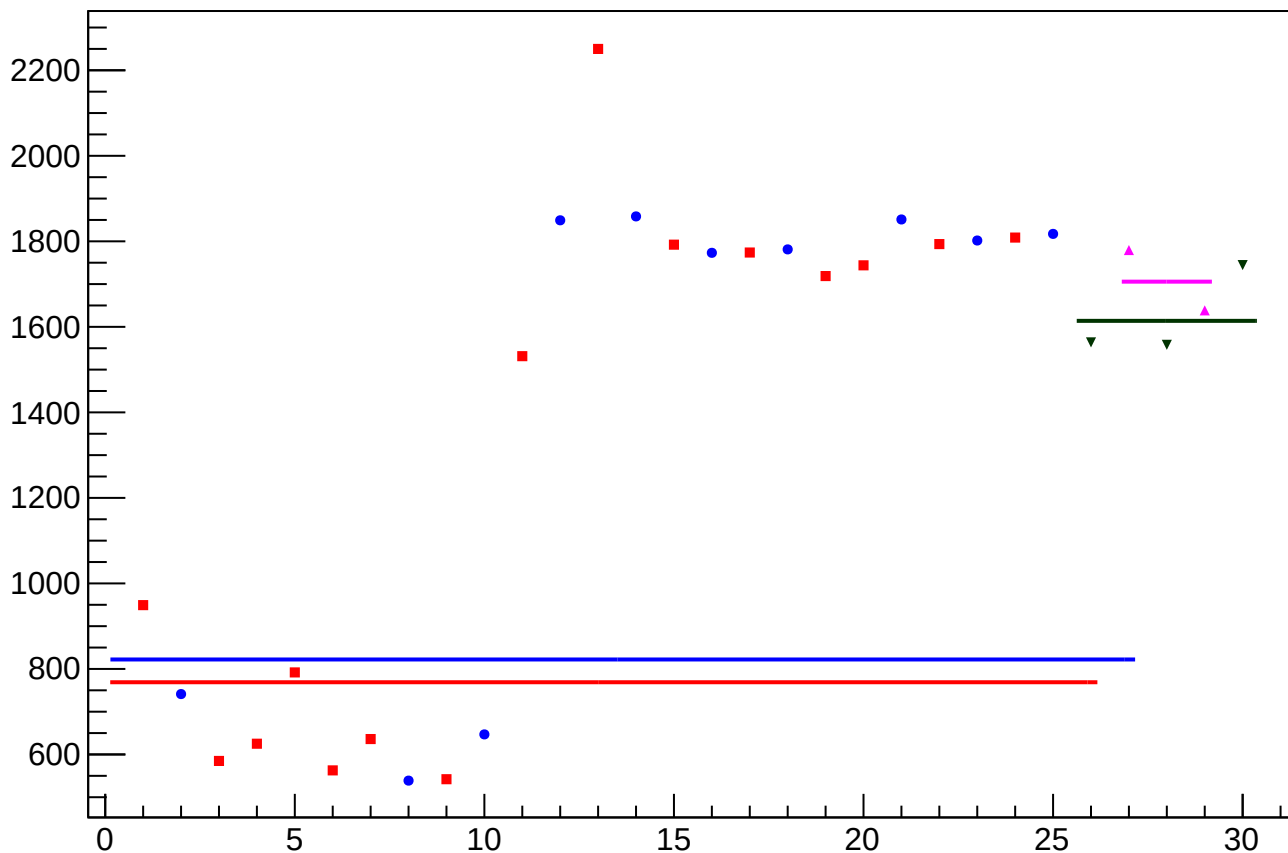
Right Out: 0.098 ± 0.333 χ^2/NDF : 26.7/14

Left In: -0.871 ± 1.328 χ^2/NDF : 4.7/1

0.522 ± 0.355 χ^2/NDF : 17.3/12

0.041 ± 0.323 χ^2/NDF : 31.9/16

diff_cav4cY_rms vs slug



Right In: 822.114+/-0.261 χ^2/NDF : 2992456.2/9

Left Out: 1614.020+/-0.899 χ^2/NDF : 8641.3/2

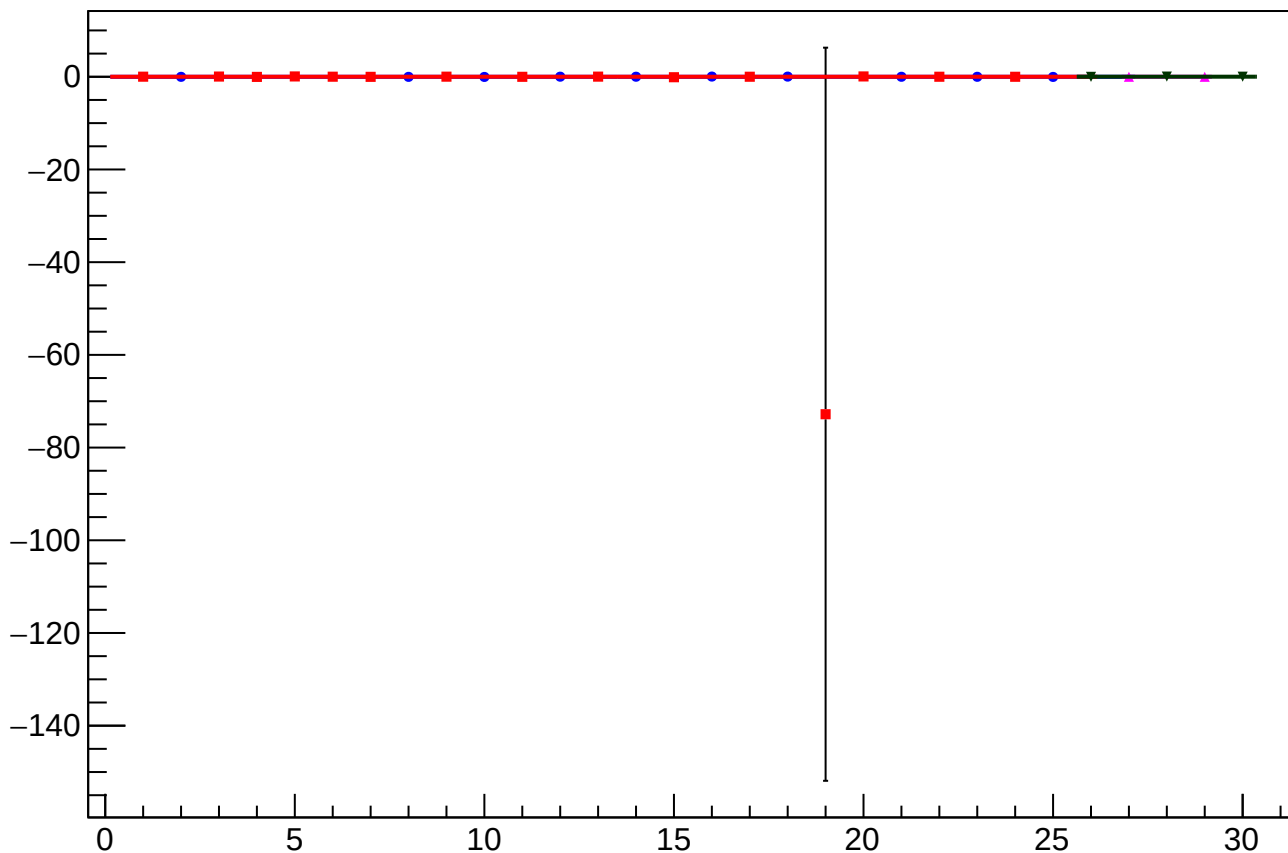
Right Out: 768.872+/-0.235 χ^2/NDF : 3124455.9/14

Left In: 1705.695+/-0.939 χ^2/NDF : 5625.9/1

883.727+/-0.251 χ^2/NDF : 3716038.0/12

824.232+/-0.228 χ^2/NDF : 4066124.8/16

diff_cav4dX_mean vs slug



Right In: -0.008 $\pm$ 0.008 χ^2 /NDF: 6.1/9

Left Out: 0.018 $\pm$ 0.012 χ^2 /NDF: 3.0/2

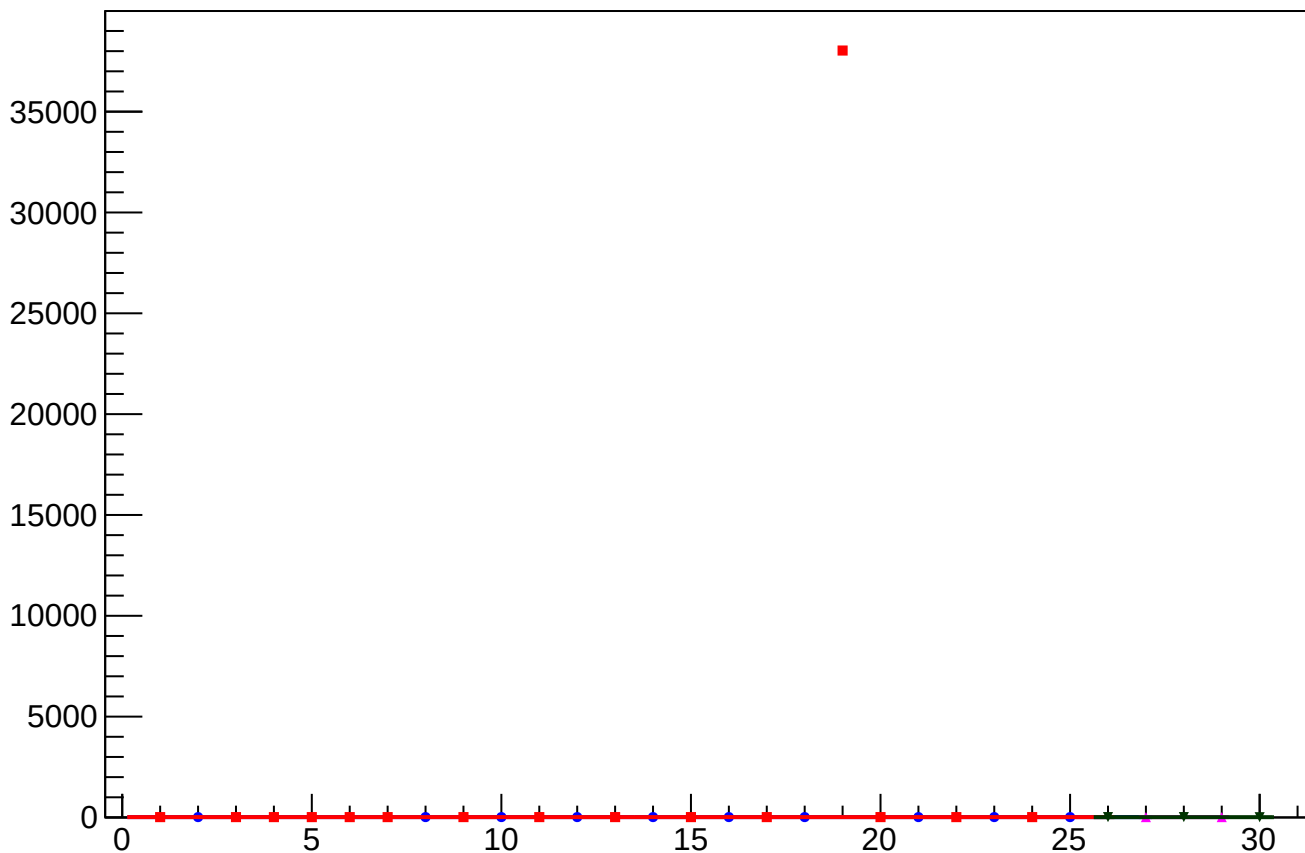
Right Out: 0.009 $\pm$ 0.007 χ^2 /NDF: 10.9/14

Left In: -0.002 $\pm$ 0.013 χ^2 /NDF: 0.1/1

-0.000 $\pm$ 0.006 χ^2 /NDF: 12.4/12

0.007 $\pm$ 0.006 χ^2 /NDF: 11.4/16

diff_cav4dX_rms vs slug



Right In: 17.529+/-0.005 χ^2/NDF : 2394.6/9

Left Out: 14.600+/-0.008 χ^2/NDF :132792.1/2

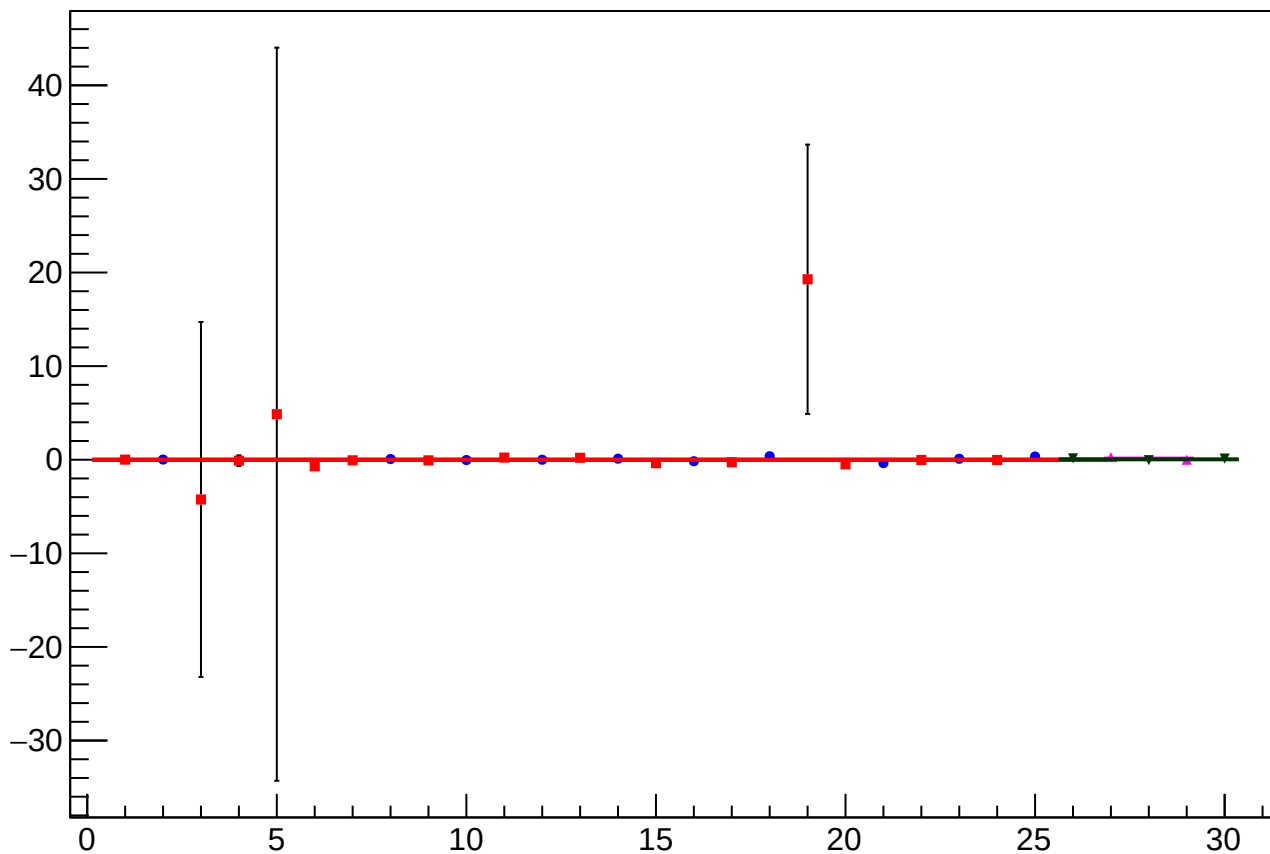
Right Out: 17.438+/-0.005 χ^2/NDF : 465395.5/14

Left In: 17.119+/-0.009 χ^2/NDF :215.1/1

16.666+/-0.004 χ^2/NDF : 223300.3/12

17.363+/-0.005 χ^2/NDF : 466489.4/16

diff_cav4dY_mean vs slug



Right In: -0.002 $\pm$ 0.003 χ^2 /NDF: 15.4/9

Left Out: 0.043 $\pm$ 0.083 χ^2 /NDF:1.2/2

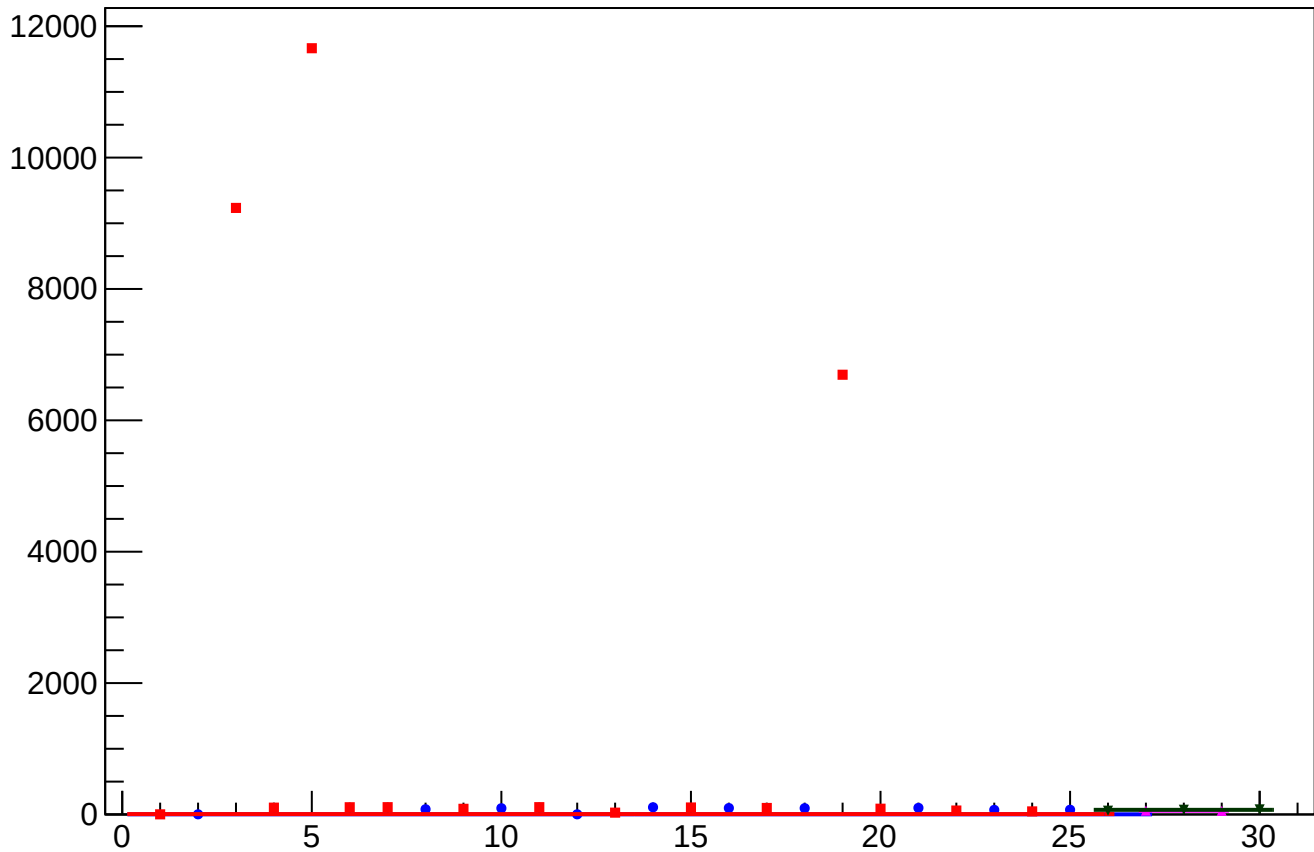
Right Out: 0.009 $\pm$ 0.012 χ^2 /NDF: 11.9/14

Left In: 0.123 $\pm$ 0.067 χ^2 /NDF:4.3/1

-0.002 $\pm$ 0.003 χ^2 /NDF: 16.9/12

0.012 $\pm$ 0.012 χ^2 /NDF: 19.0/16

diff_cav4dY_rms vs slug



Right In: 2.103+/-0.002 χ^2/NDF : 5444478.1/9

Left Out: 70.257+/-0.059 χ^2/NDF :14959.8/2

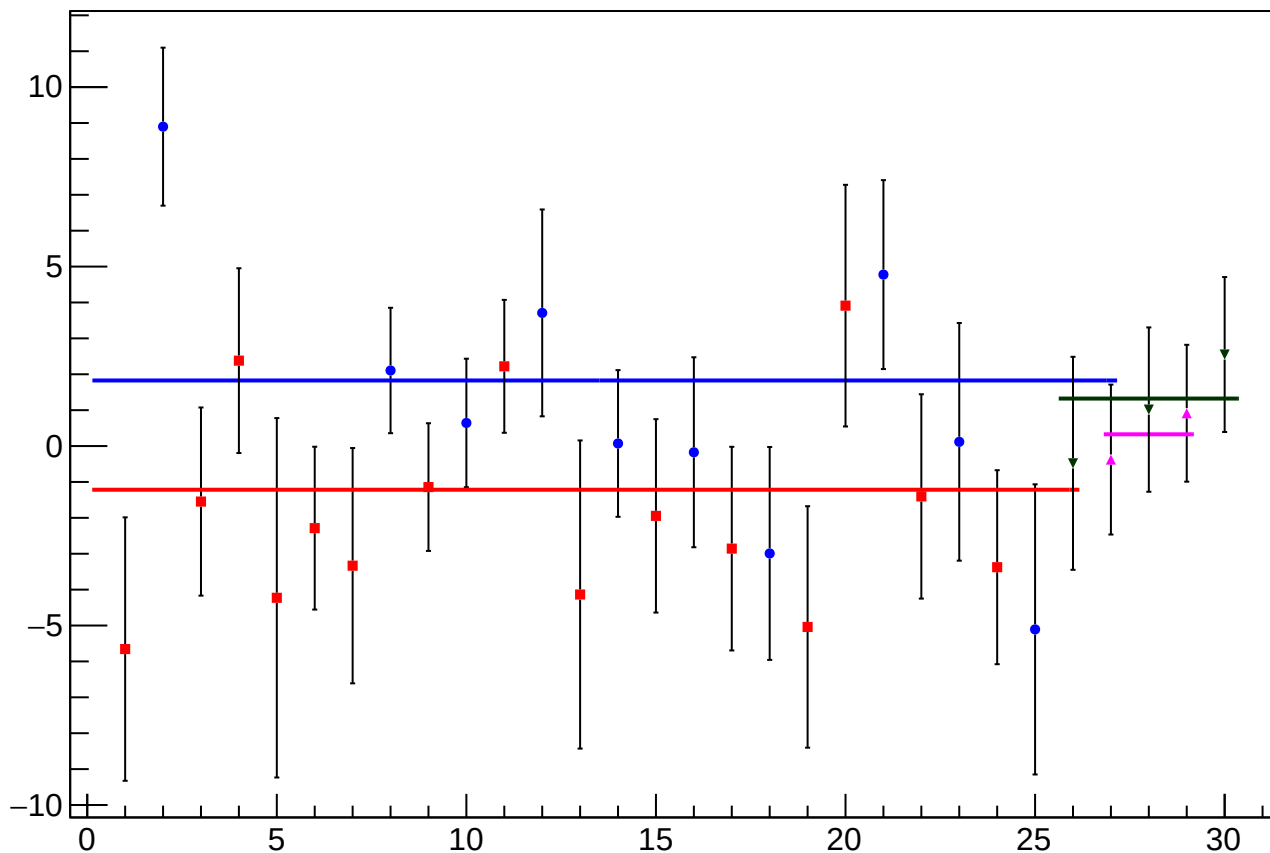
Right Out: 5.552+/-0.009 χ^2/NDF : 4801271.6/14

Left In: 56.228+/-0.047 χ^2/NDF :1216.3/1

2.193+/-0.002 χ^2/NDF : 6805303.1/12

7.165+/-0.008 χ^2/NDF : 5917412.9/16

diff_bpm4aX_mean vs slug



Right In: 1.827 ± 0.754 χ^2/NDF : 19.6/9

Left Out: 1.323 ± 1.388 χ^2/NDF : 0.7/2

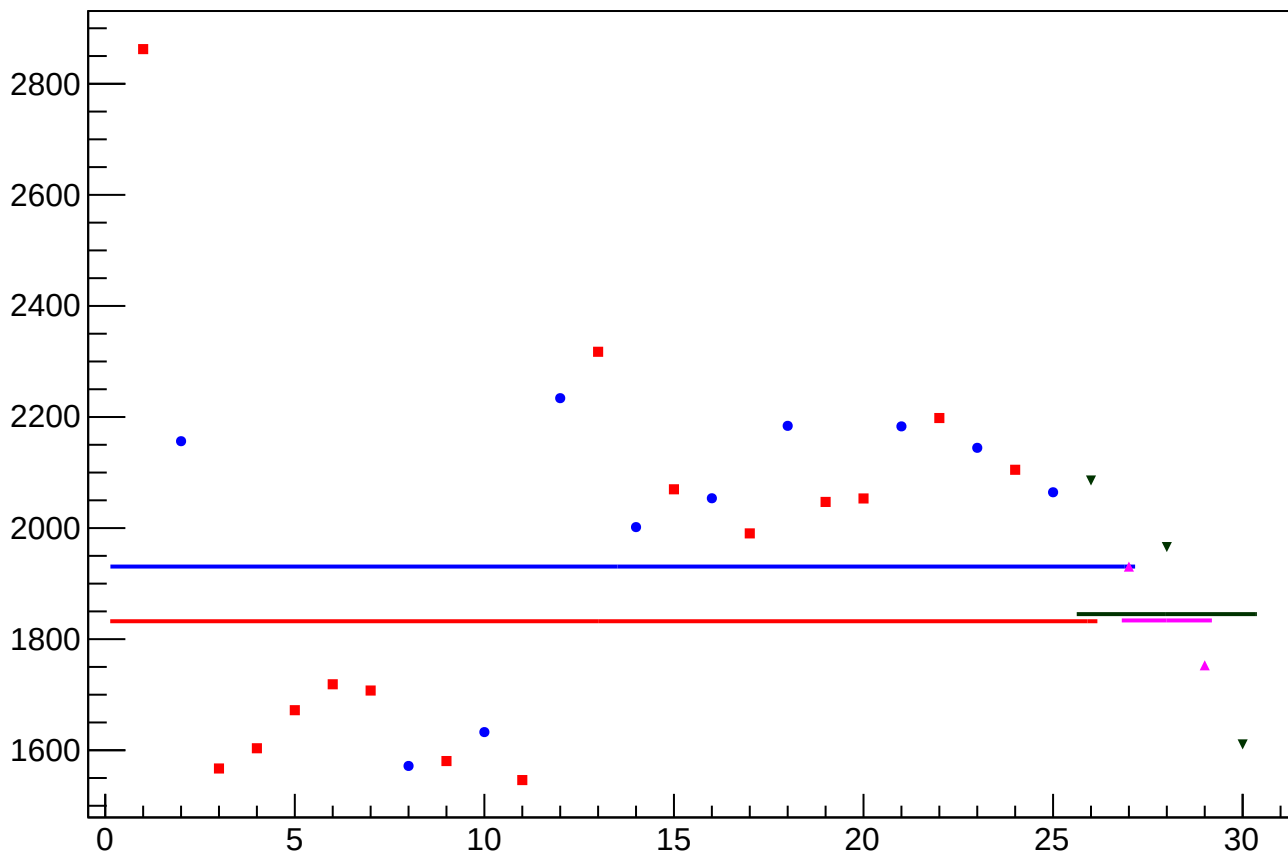
Right Out: -1.217 ± 0.697 χ^2/NDF : 13.0/14

Left In: 0.328 ± 1.408 χ^2/NDF : 0.2/1

1.712 ± 0.662 χ^2/NDF : 20.4/12

-0.913 ± 0.625 χ^2/NDF : 14.2/16

diff_bpm4aX_rms vs slug



Right In: 1930.730+/-0.533 χ^2/NDF : 233367.0/9

Left Out: 1845.092+/-0.981 χ^2/NDF : 42340.1/2

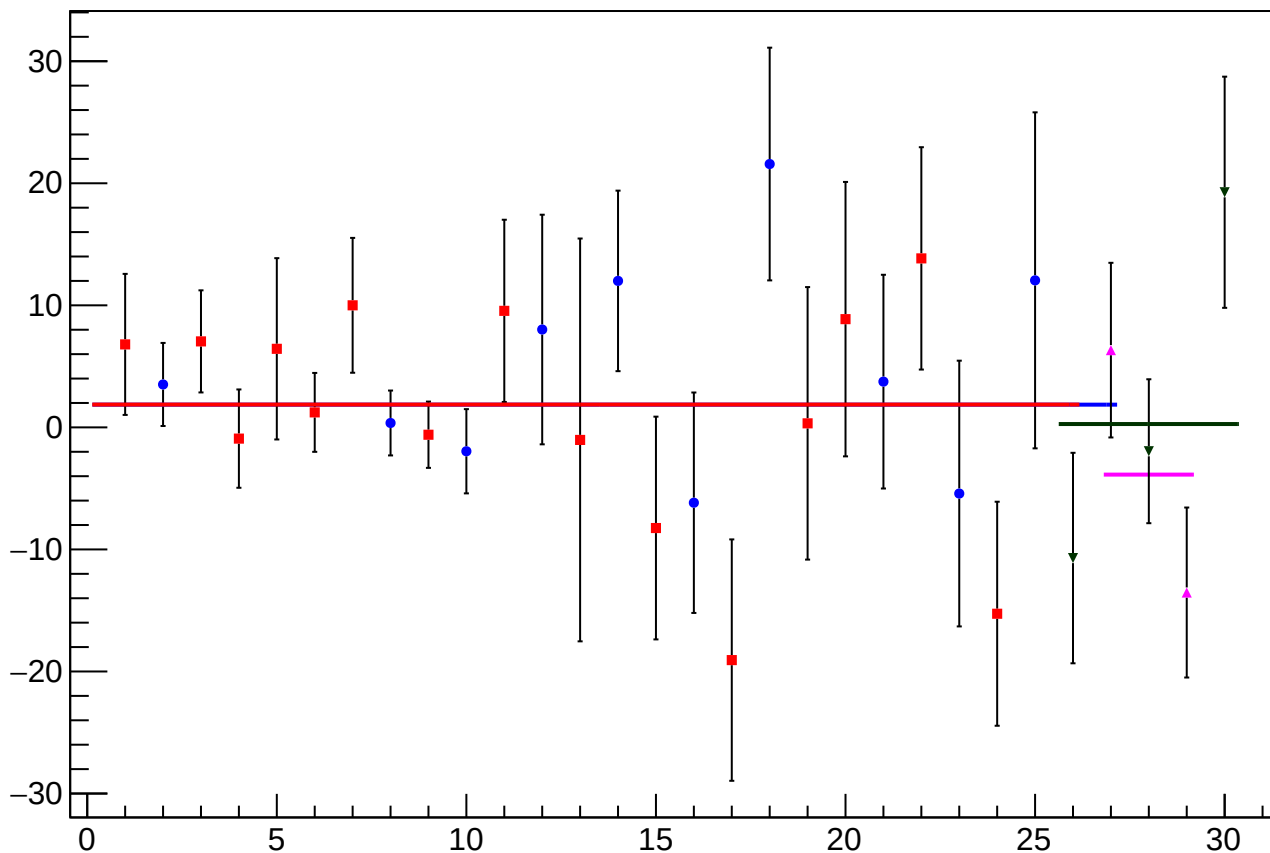
Right Out: 1832.268+/-0.493 χ^2/NDF : 409120.1/14

Left In: 1833.710+/-0.996 χ^2/NDF : 7898.6/1

1911.220+/-0.468 χ^2/NDF : 281586.4/12

1832.552+/-0.442 χ^2/NDF : 417020.4/16

diff_bpm4aY_mean vs slug



Right In: 1.862+/-1.598 χ^2/NDF : 10.2/9

Left Out: 0.274+/-4.329 χ^2/NDF : 5.8/2

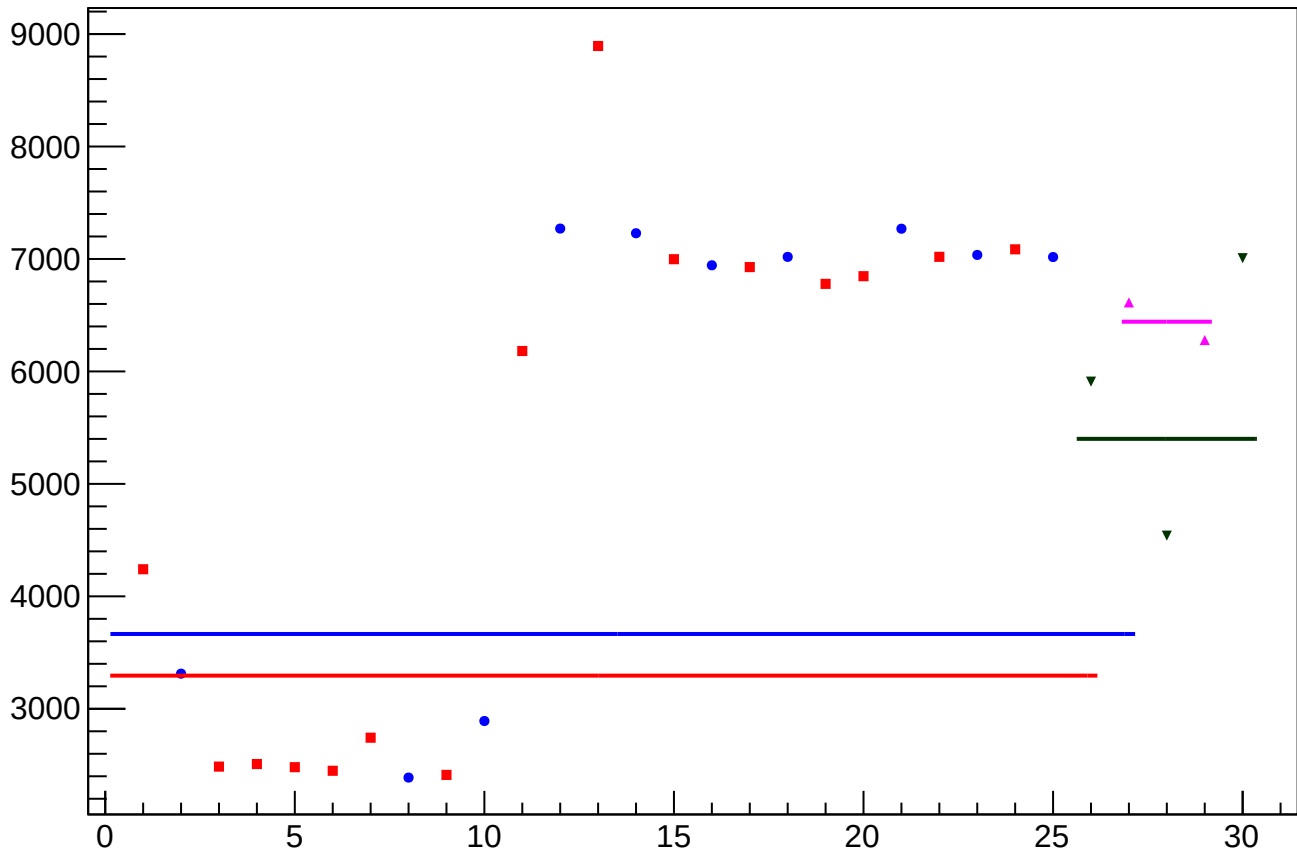
Right Out: 1.869+/-1.394 χ^2/NDF : 18.6/14

Left In: -3.870+/-4.990 χ^2/NDF : 4.0/1

1.671+/-1.499 χ^2/NDF : 16.1/12

1.453+/-1.343 χ^2/NDF : 23.8/16

diff_bpm4aY_rms vs slug



Right In: 3665.272+/-1.130 χ^2/NDF : 2501923.6/9

Left Out: 5400.517+/-3.061 χ^2/NDF : 107137.4/2

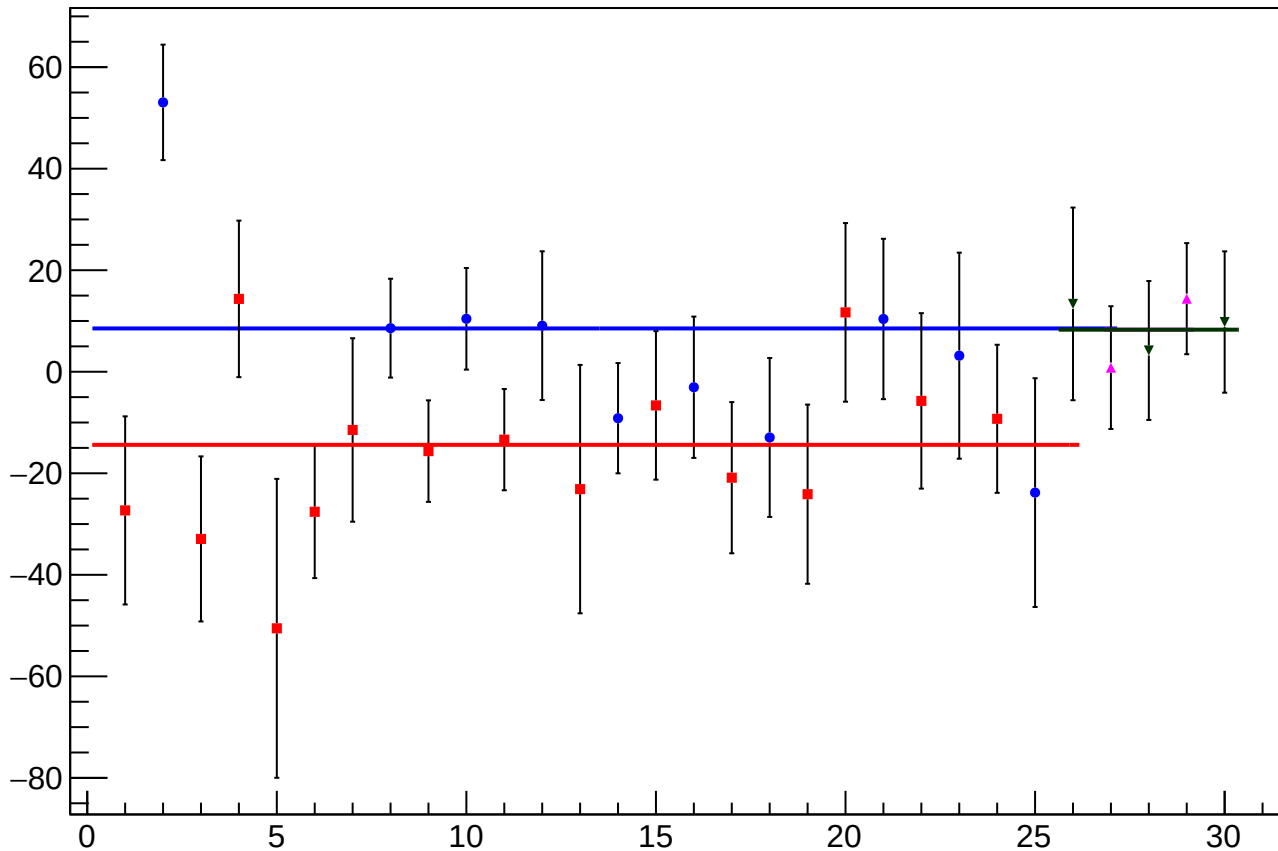
3873.438+/-1.060 χ^2/NDF : 2891840.2/12

Right Out: 3294.996+/-0.986 χ^2/NDF : 2795470.7/14

3522.753+/-0.949 χ^2/NDF : 3535520.9/16

Left In: 6442.032+/-3.529 χ^2/NDF : 2249.3/1

diff_bpm4eX_mean vs slug



Right In: 8.529 ± 4.115 χ^2/NDF : 22.7/9

Left Out: 8.288 ± 8.678 χ^2/NDF : 0.2/2

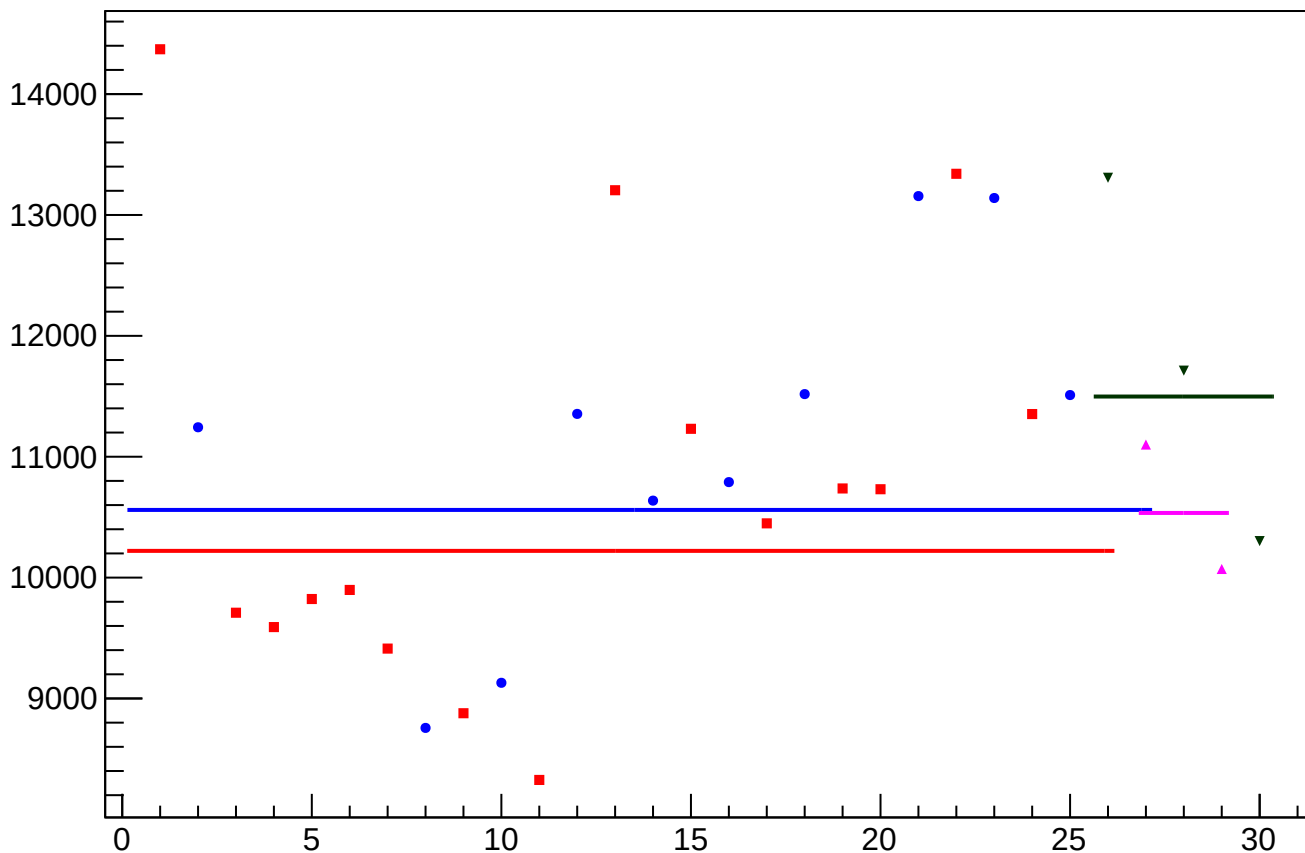
Right Out: -14.397 ± 3.881 χ^2/NDF : 11.3/14

Left In: 8.281 ± 8.113 χ^2/NDF : 0.7/1

8.485 ± 3.718 χ^2/NDF : 22.9/12

-10.173 ± 3.501 χ^2/NDF : 18.4/16

diff_bpm4eX_rms vs slug



Right In: 10559.858+/-2.910 χ^2/NDF : 220634.8/9

Left Out: 11497.978+/-6.136 χ^2/NDF : 33449.8/2

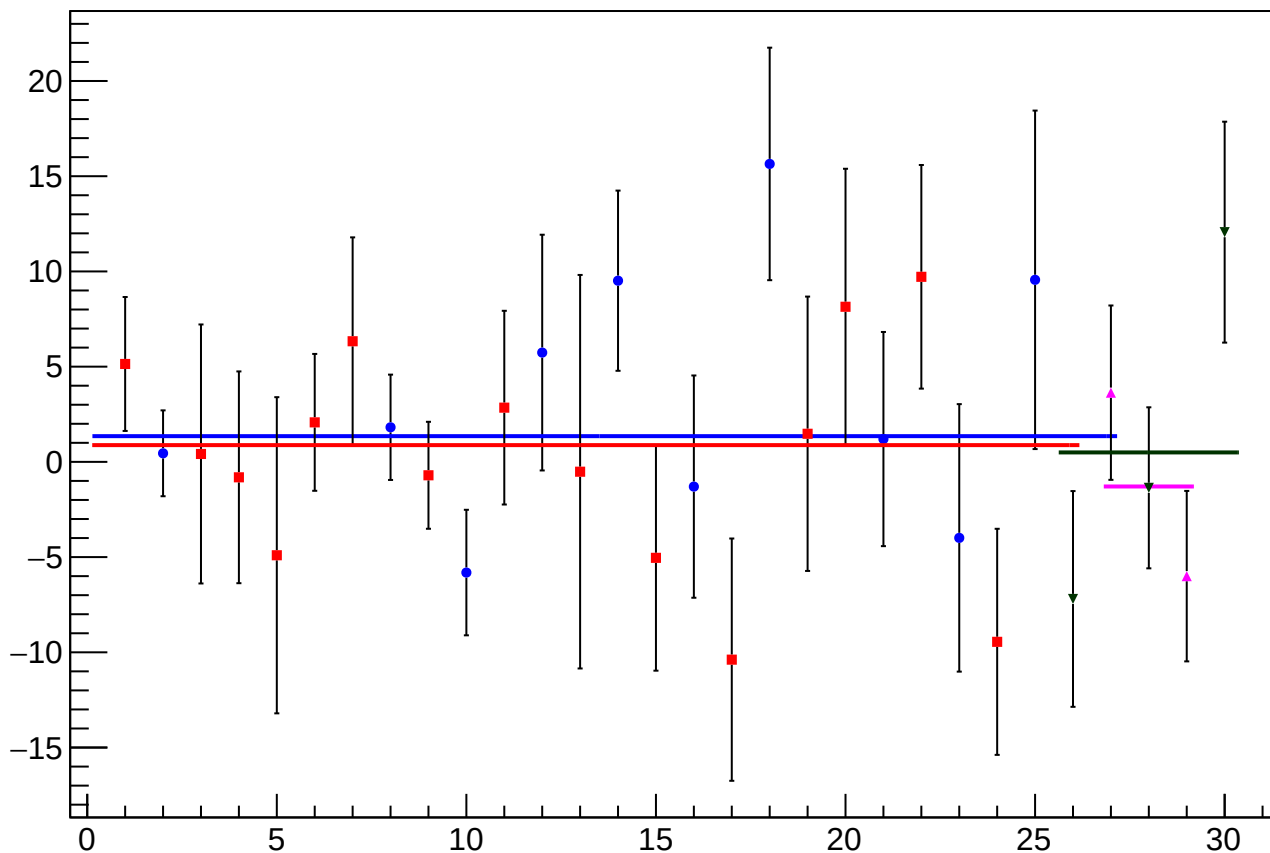
Right Out: 10221.132+/-2.745 χ^2/NDF : 339904.9/14

Left In: 10534.901+/-5.737 χ^2/NDF : 7968.4/1

10732.090+/-2.629 χ^2/NDF : 273167.1/12

10279.570+/-2.476 χ^2/NDF : 350307.5/16

diff_bpm4eY_mean vs slug



Right In: 1.351 ± 1.279 χ^2/NDF : 15.5/9

Left Out: 0.496 ± 2.926 χ^2/NDF : 6.0/2

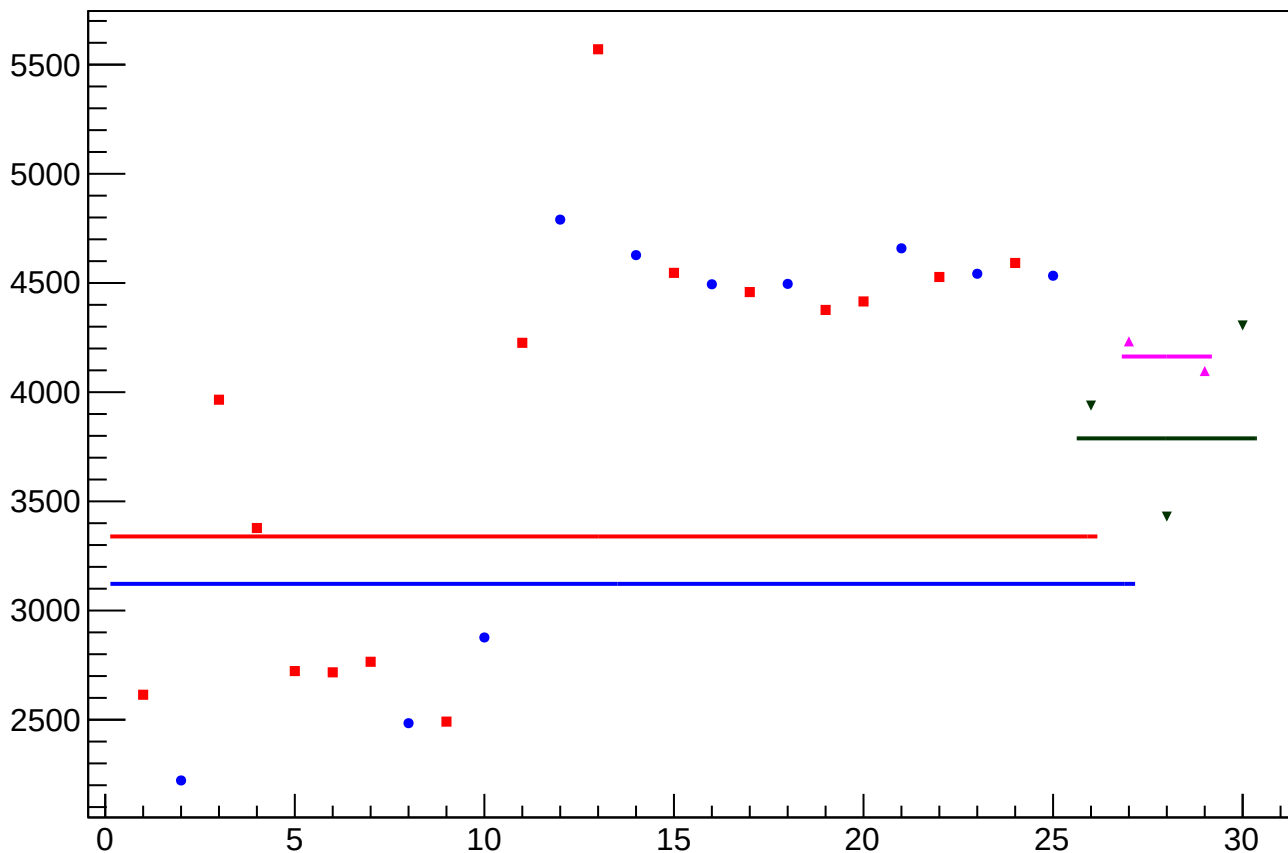
Right Out: 0.880 ± 1.308 χ^2/NDF : 14.1/14

Left In: -1.292 ± 3.200 χ^2/NDF : 2.3/1

1.214 ± 1.172 χ^2/NDF : 21.6/12

0.569 ± 1.211 χ^2/NDF : 16.7/16

diff_bpm4eY_rms vs slug



Right In: 3122.216+/-0.904 χ^2/NDF : 1277723.1/9

Left Out: 3788.432+/-2.069 χ^2/NDF : 31665.9/2

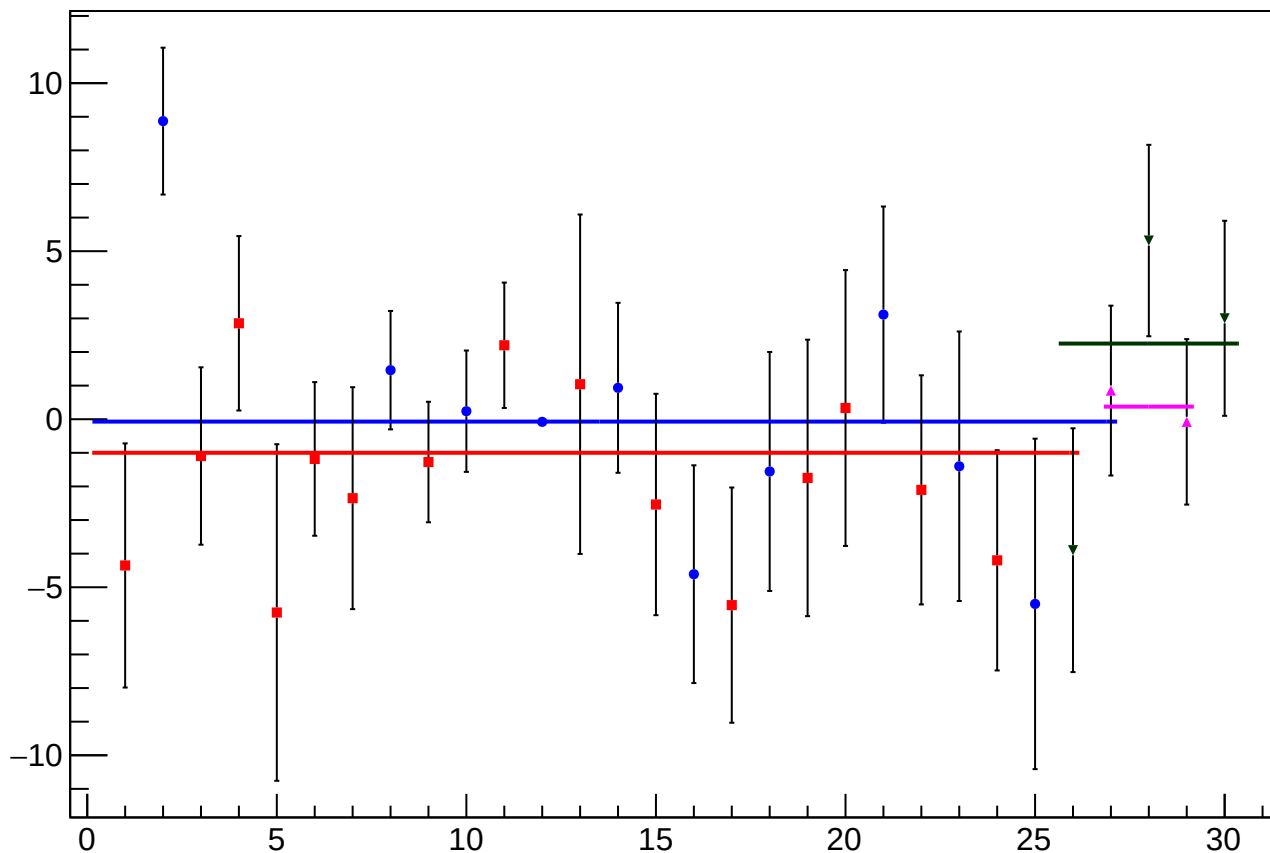
Right Out: 3339.242+/-0.925 χ^2/NDF : 933007.2/14

Left In: 4163.287+/-2.263 χ^2/NDF : 900.4/1

3229.137+/-0.829 χ^2/NDF : 1396458.1/12

3457.273+/-0.856 χ^2/NDF : 1047534.3/16

diff_bpm4acX_mean vs slug



Right In: -0.071 ± 0.060 $\chi^2/\text{NDF}: 22.1/9$

Left Out: 2.251 ± 1.773 $\chi^2/\text{NDF}: 4.1/2$

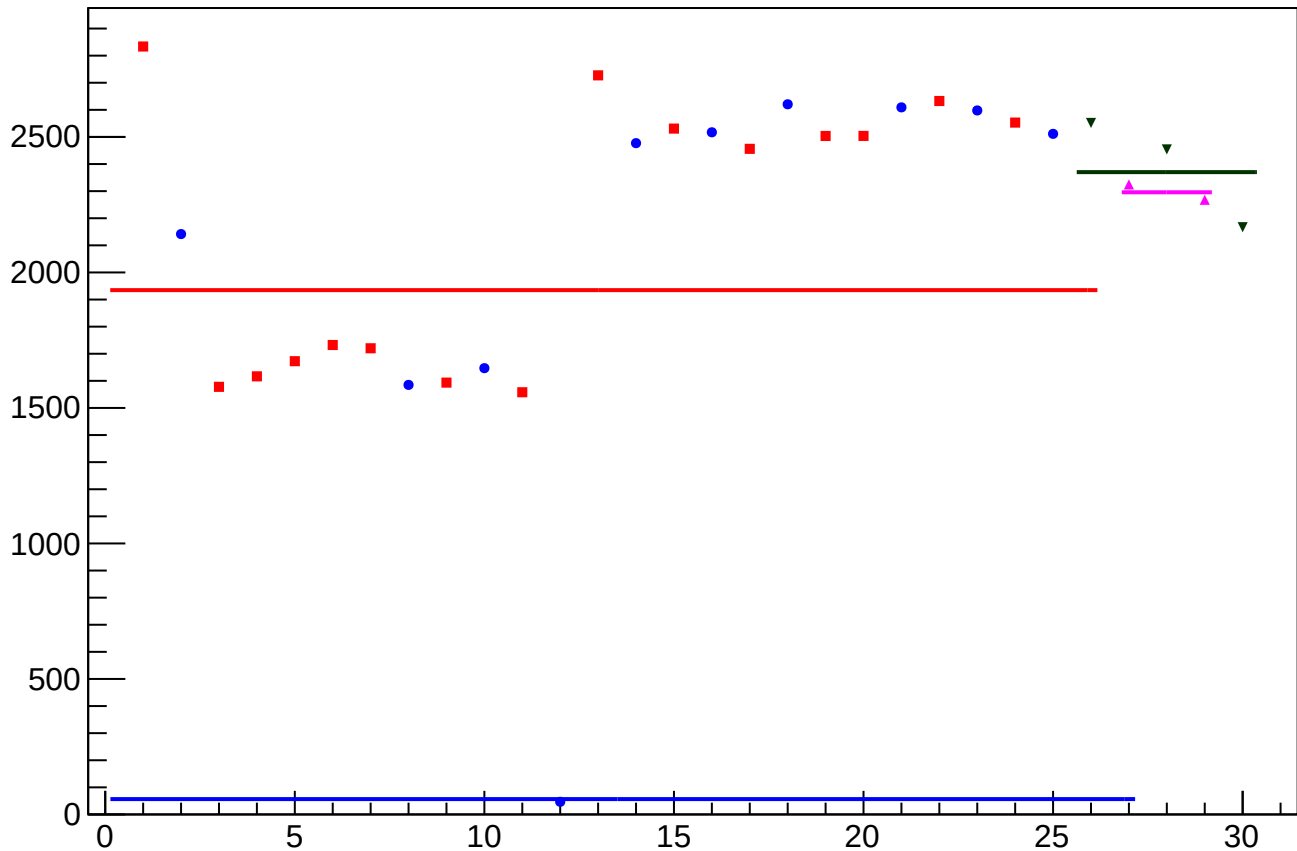
Right Out: -0.999 ± 0.745 $\chi^2/\text{NDF}: 10.4/14$

Left In: 0.375 ± 1.764 $\chi^2/\text{NDF}: 0.1/1$

-0.068 ± 0.060 $\chi^2/\text{NDF}: 28.0/12$

-0.791 ± 0.687 $\chi^2/\text{NDF}: 10.9/16$

diff_bpm4acX_rms vs slug



Right In: 56.671+/-0.043 χ^2/NDF : 11518398.4/9

Left Out: 2370.146+/-1.254 χ^2/NDF :16553.0/2

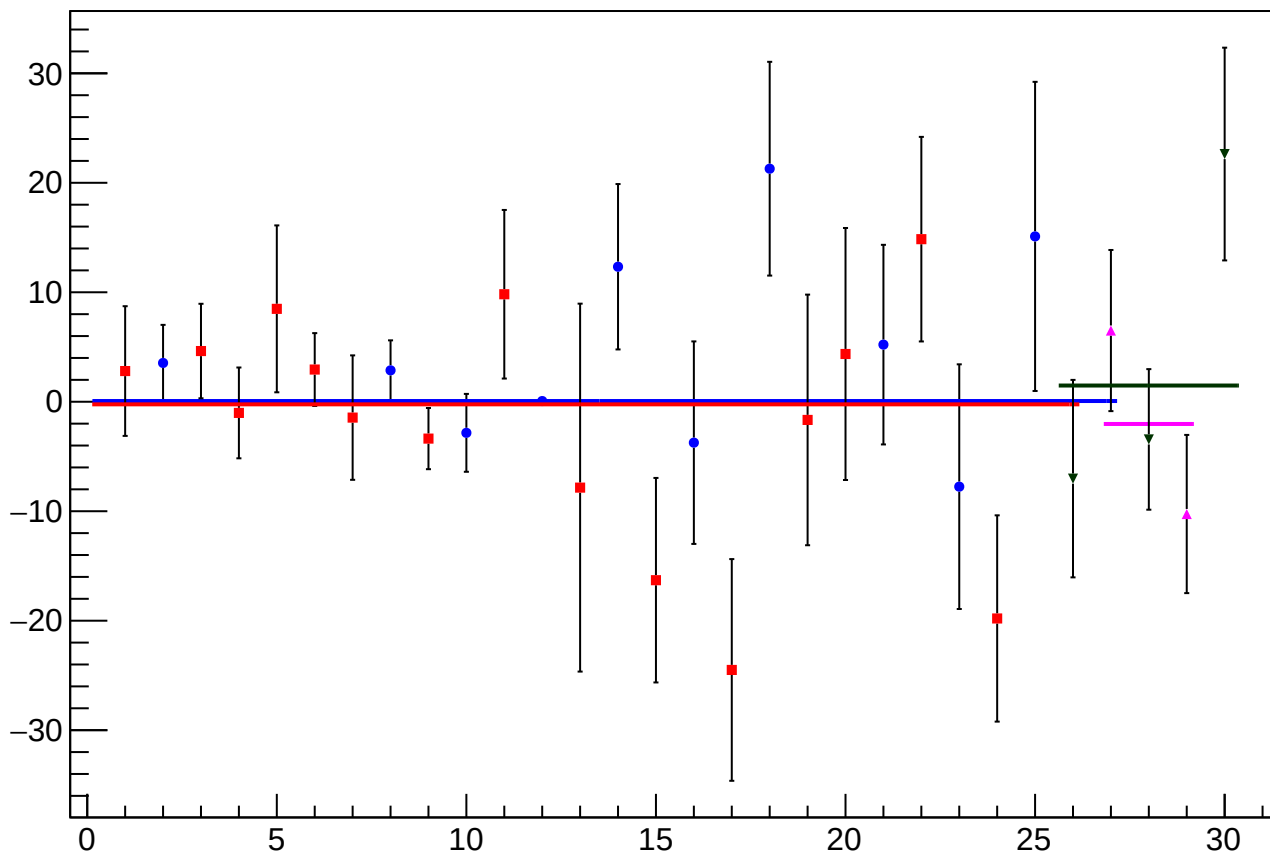
59.332+/-0.043 χ^2/NDF : 14935425.0/12

Right Out: 1934.708+/-0.527 χ^2/NDF : 763623.9/14

1989.427+/-0.485 χ^2/NDF : 835265.8/16

Left In: 2295.792+/-1.247 χ^2/NDF :518.3/1

diff_bpm4acY_mean vs slug



Right In: 0.066+/-0.052 χ^2/NDF : 12.2/9

Left Out: 1.481+/-4.606 χ^2/NDF : 6.2/2

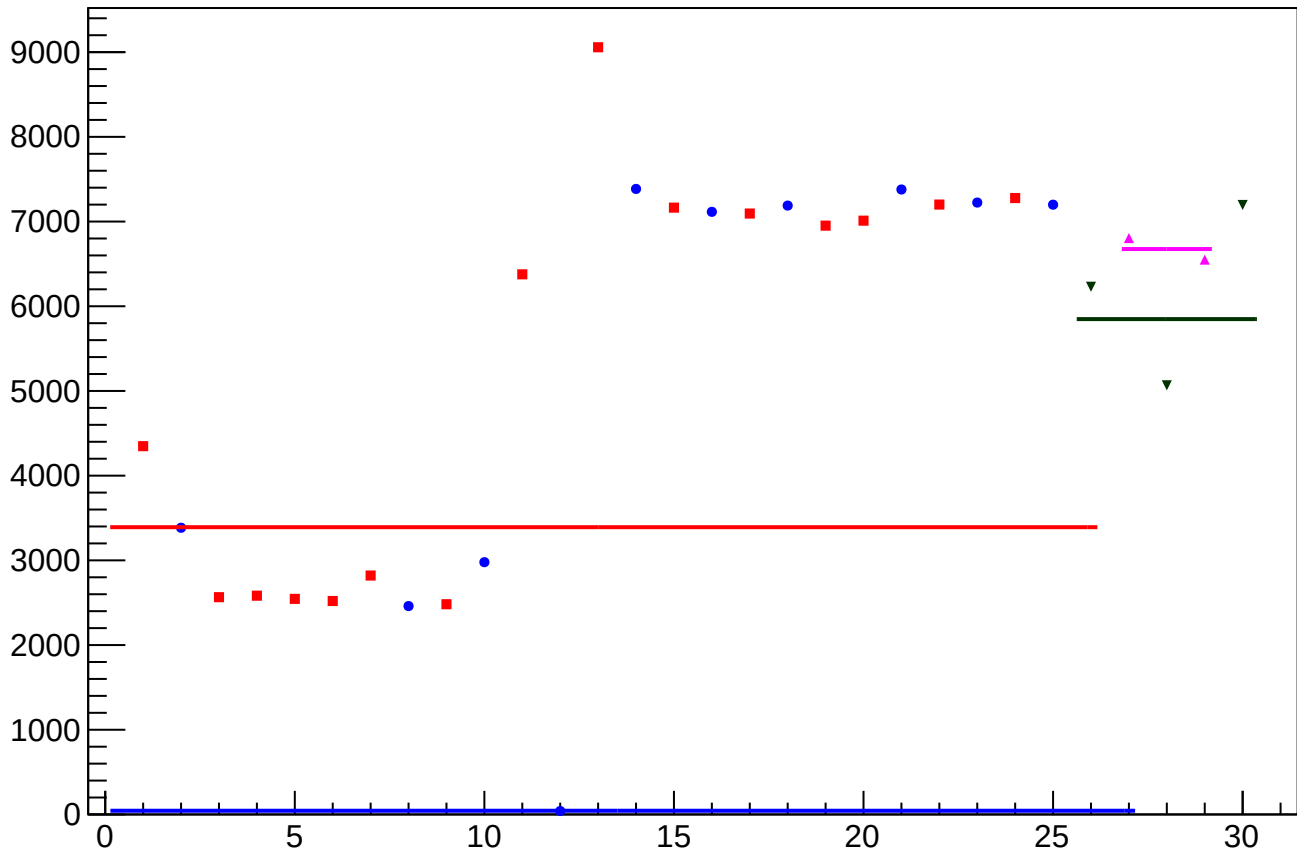
Right Out: -0.237+/-1.434 χ^2/NDF : 22.8/14

Left In: -2.030+/-5.156 χ^2/NDF : 2.6/1

0.067+/-0.052 χ^2/NDF : 18.5/12

-0.366+/-1.381 χ^2/NDF : 25.5/16

diff_bpm4acY_rms vs slug



Right In: 43.874+/-0.037 χ^2/NDF : 11535635.7/9

Left Out: 5848.379+/-3.257 χ^2/NDF : 71699.8/2

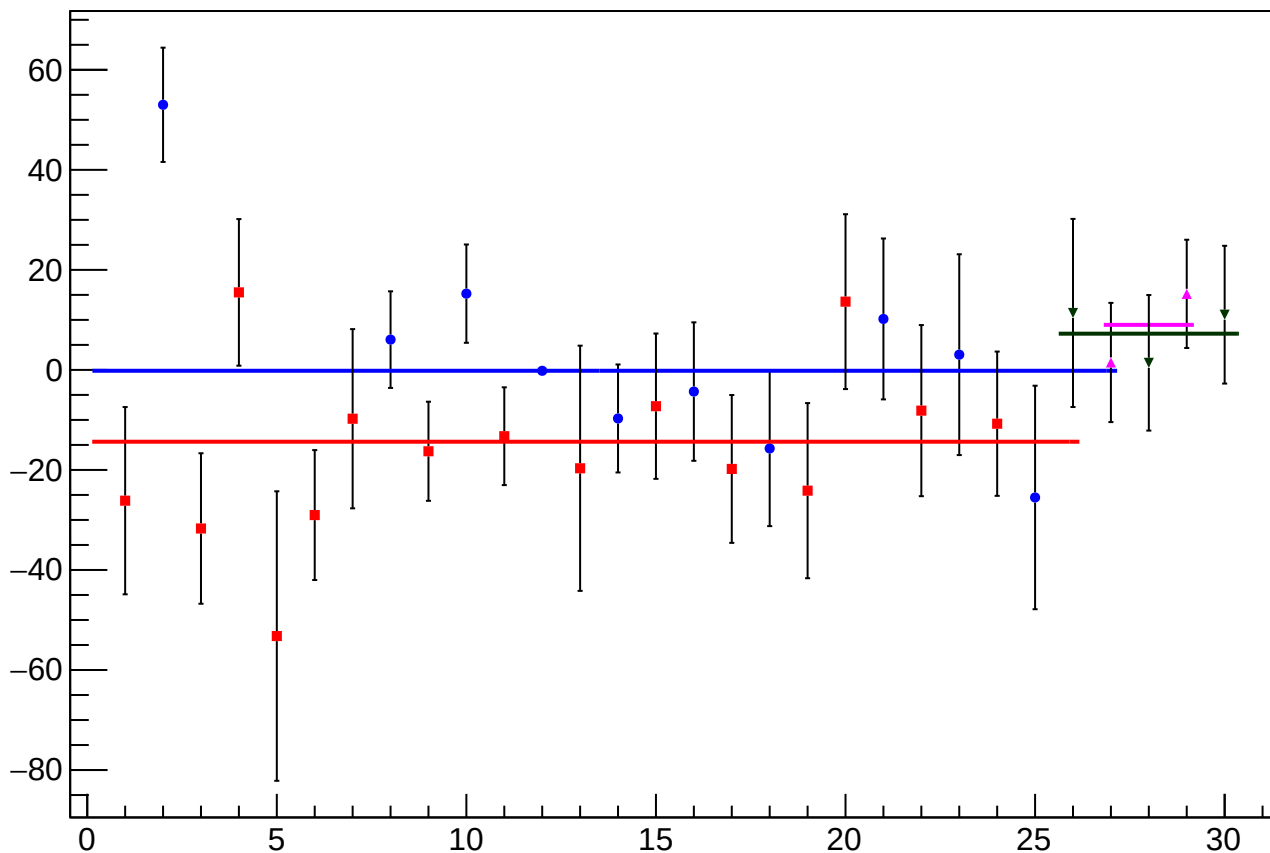
44.617+/-0.037 χ^2/NDF : 14783846.7/12

Right Out: 3391.704+/-1.014 χ^2/NDF : 2781196.7/14

3627.396+/-0.977 χ^2/NDF : 3535447.5/16

Left In: 6675.543+/-3.646 χ^2/NDF : 1219.3/1

diff_bpm4ecX_mean vs slug



Right In: -0.172 ± 0.107 $\chi^2/\text{NDF}: 28.1/9$

Left Out: 7.244 ± 8.593 $\chi^2/\text{NDF}: 0.3/2$

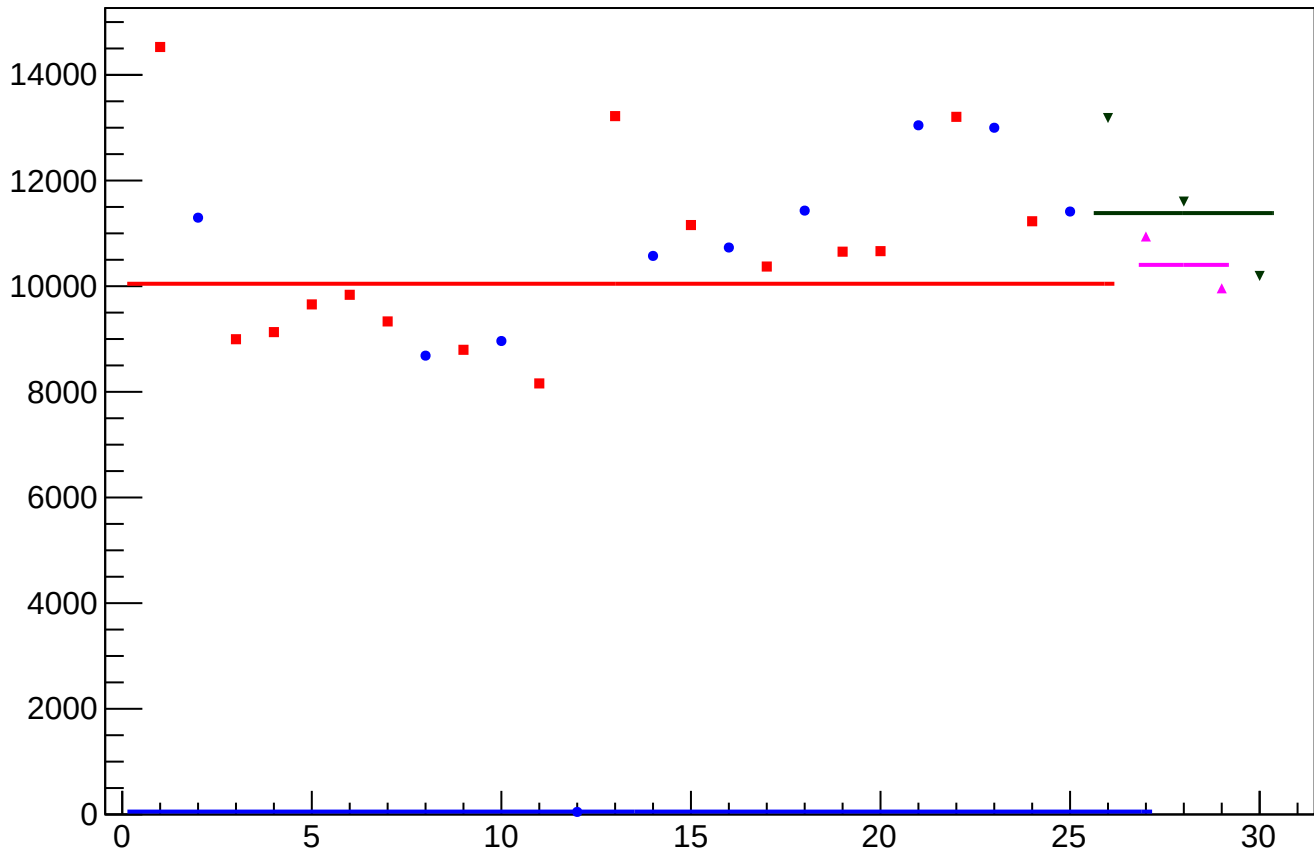
Right Out: -14.357 ± 3.819 $\chi^2/\text{NDF}: 12.6/14$

Left In: 9.005 ± 8.012 $\chi^2/\text{NDF}: 0.7/1$

-0.171 ± 0.107 $\chi^2/\text{NDF}: 29.2/12$

-10.031 ± 3.448 $\chi^2/\text{NDF}: 20.2/16$

diff_bpm4ecX_rms vs slug



Right In: 54.486+/-0.075 χ^2/NDF : 12000127.3/9

Left Out: 11383.882+/-6.076 χ^2/NDF : 33754.7/2

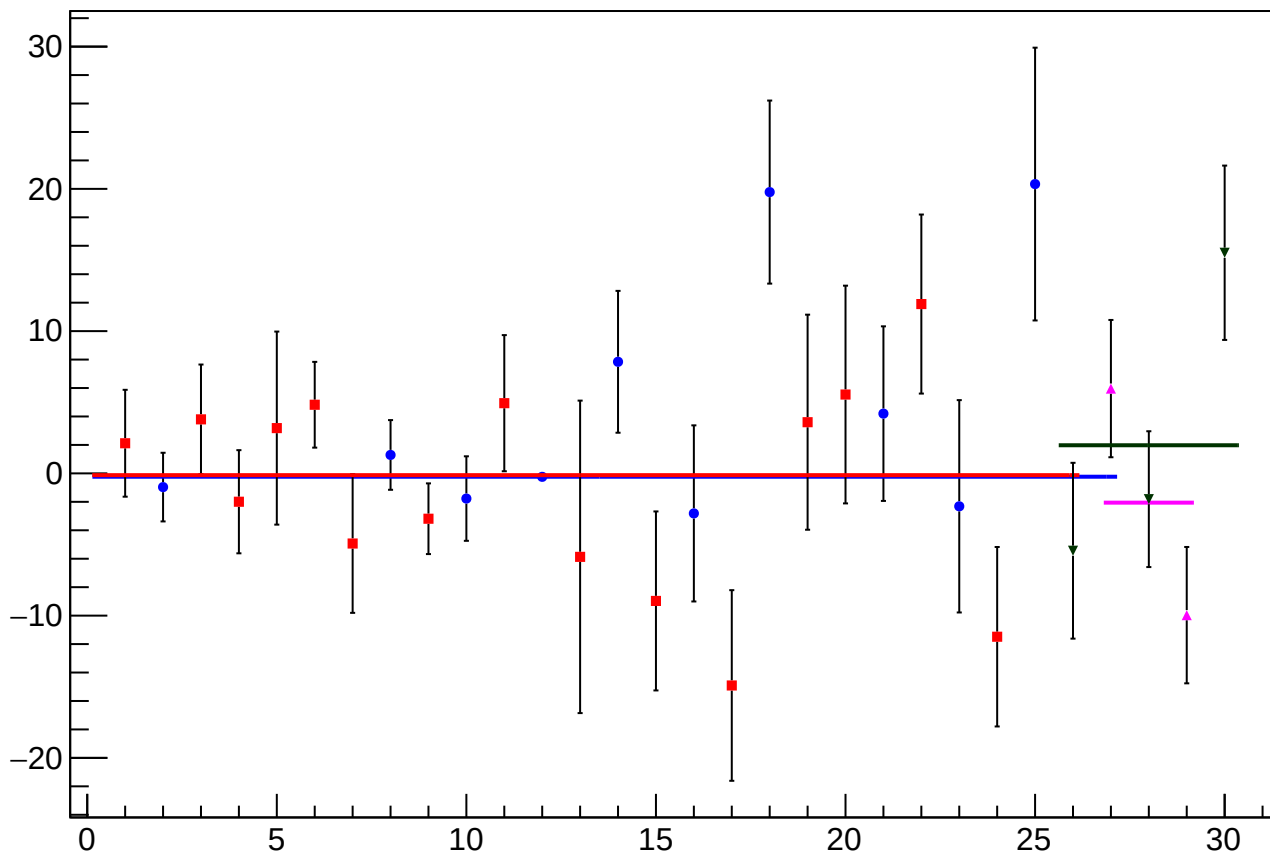
56.227+/-0.075 χ^2/NDF : 15510303.5/12

Right Out: 10046.148+/-2.701 χ^2/NDF : 375381.2/14

10112.319+/-2.438 χ^2/NDF : 386054.2/16

Left In: 10403.502+/-5.665 χ^2/NDF : 7431.0/1

diff_bpm4ecY_mean vs slug



Right In: -0.235 $\pm$ 0.090 χ^2/NDF : 18.4/9

Left Out: 1.977 $\pm$ 3.216 χ^2/NDF : 6.9/2

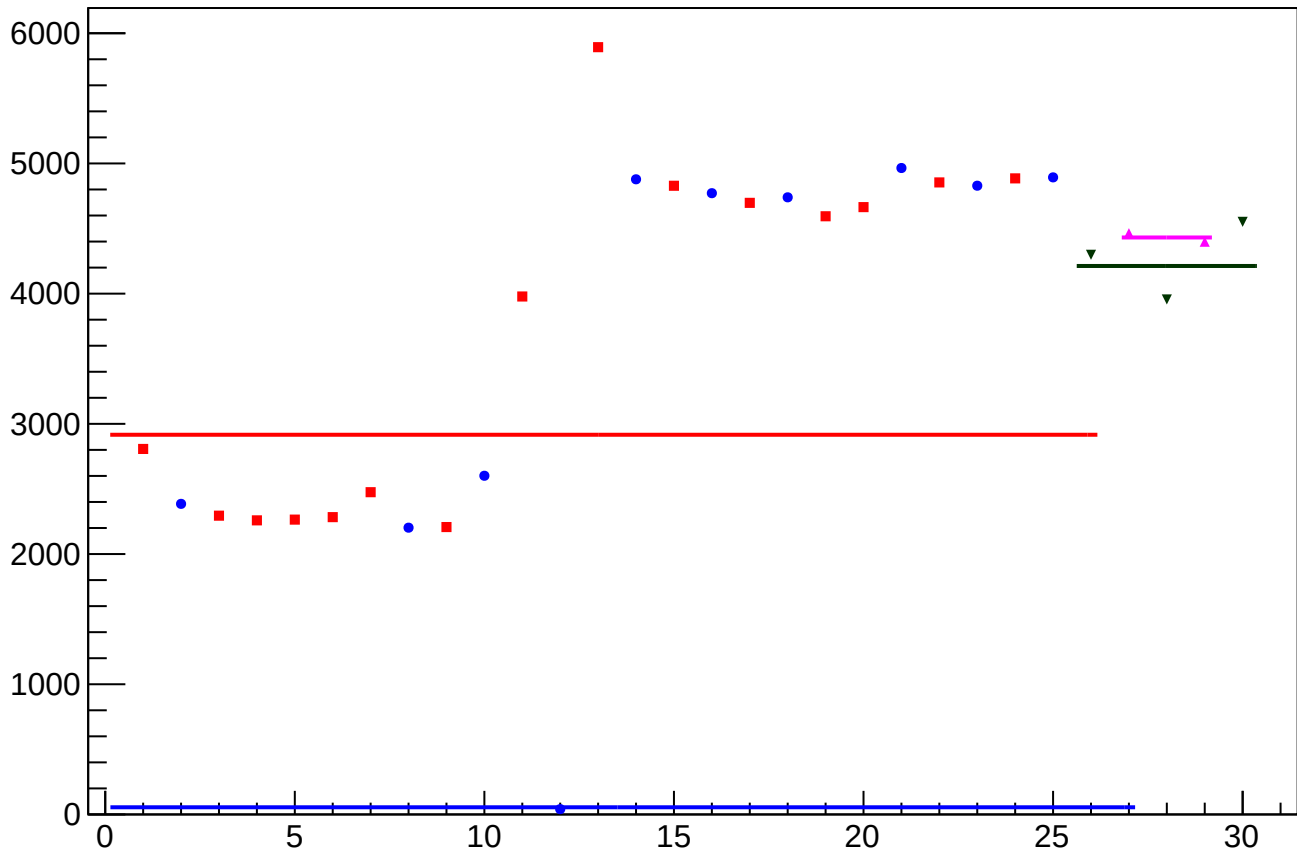
Right Out: -0.125 $\pm$ 1.167 χ^2/NDF : 23.0/14

Left In: -2.058 $\pm$ 3.401 χ^2/NDF : 5.5/1

-0.233 $\pm$ 0.090 χ^2/NDF : 25.8/12

-0.329 $\pm$ 1.104 χ^2/NDF : 28.8/16

diff_bpm4ecY_rms vs slug



Right In: 55.140+/-0.064 χ^2/NDF : 11621355.7/9

Left Out: 4212.506+/-2.274 χ^2/NDF :12305.6/2

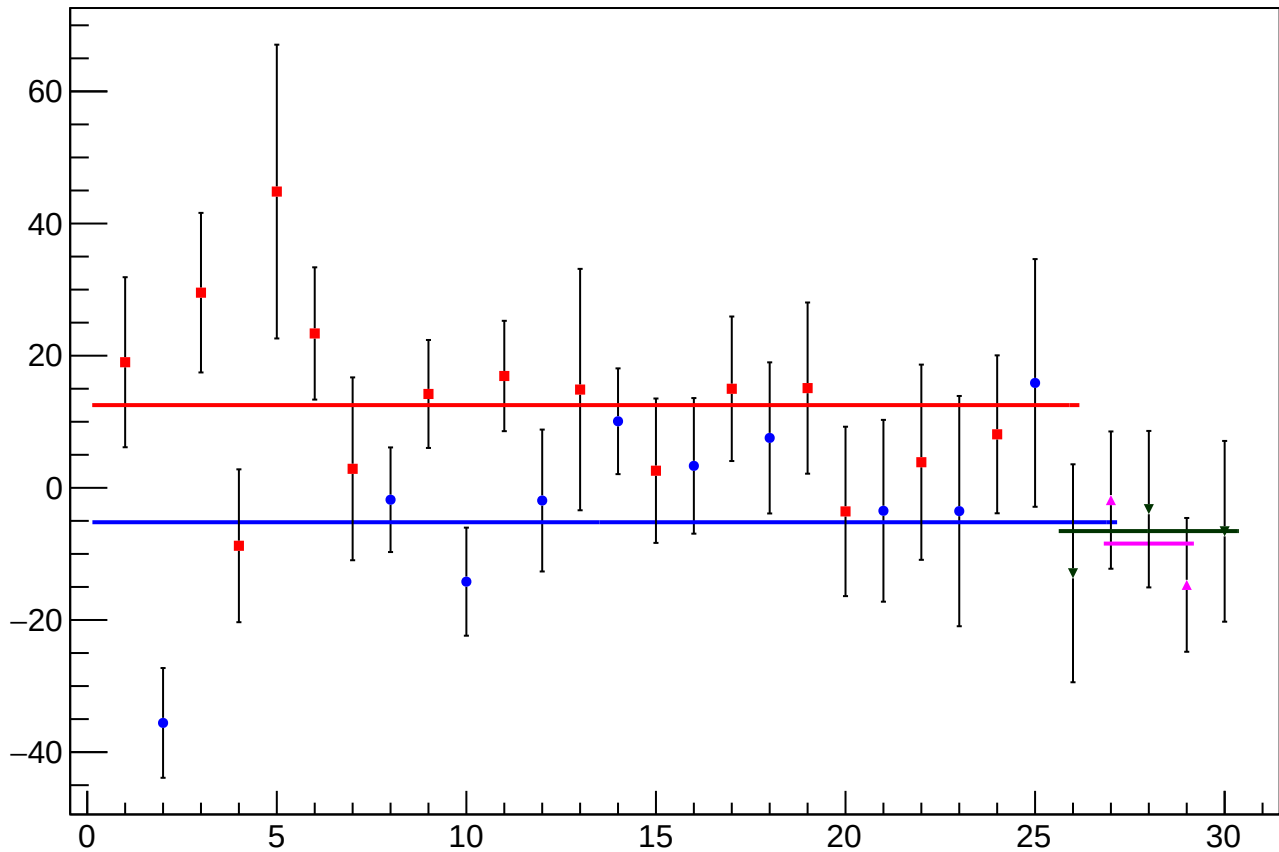
58.390+/-0.064 χ^2/NDF : 14973623.8/12

Right Out: 2916.201+/-0.825 χ^2/NDF : 1564002.1/14

3075.812+/-0.780 χ^2/NDF : 1919401.9/16

Left In: 4431.342+/-2.405 χ^2/NDF :185.5/1

diff_bpm1X_mean vs slug



Right In: -5.205 ± 3.190 χ^2/NDF : 21.7/9

Left Out: -6.545 ± 7.868 χ^2/NDF : 0.2/2

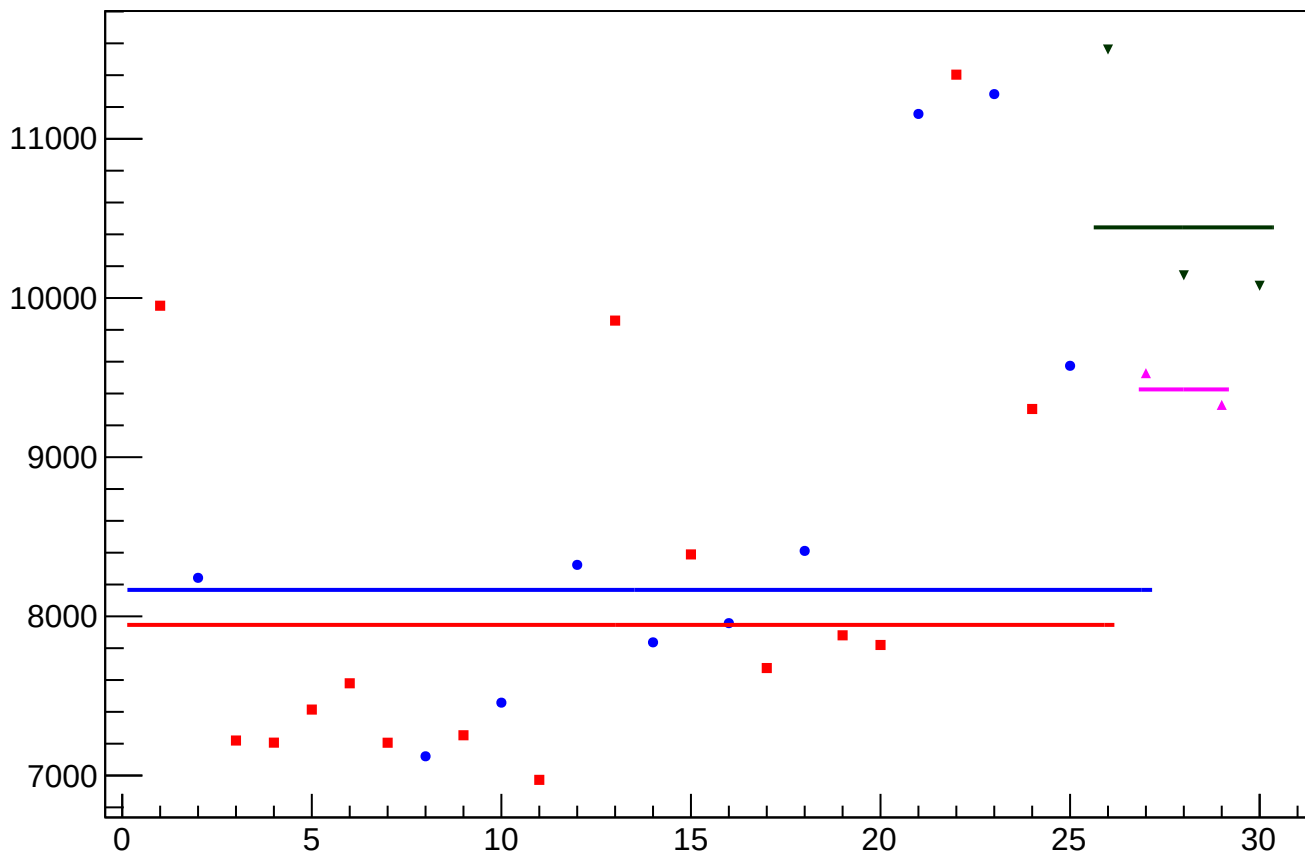
Right Out: 12.520 ± 3.011 χ^2/NDF : 12.7/14

Left In: -8.437 ± 7.251 χ^2/NDF : 0.8/1

-5.394 ± 2.956 χ^2/NDF : 22.0/12

9.437 ± 2.781 χ^2/NDF : 20.6/16

diff_bpm1X_rms vs slug



Right In: 8166.254+/-2.256 χ^2/NDF : 225288.1/9

Left Out: 10443.754+/-5.564 χ^2/NDF : 11909.4/2

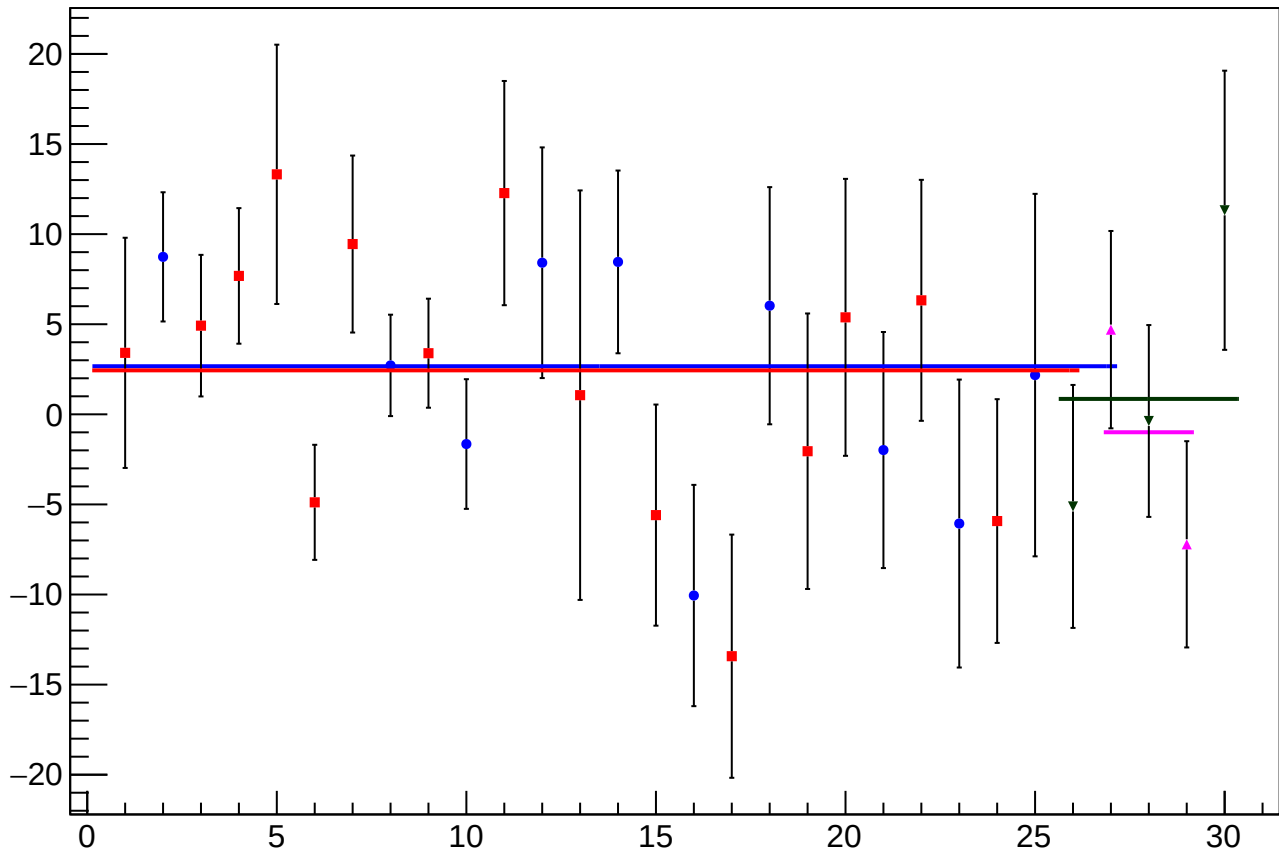
Right Out: 7946.348+/-2.129 χ^2/NDF : 277089.0/14

Left In: 9425.714+/-5.127 χ^2/NDF : 378.0/1

8487.798+/-2.091 χ^2/NDF : 381104.0/12

8163.965+/-1.966 χ^2/NDF : 348474.2/16

diff_bpm1Y_mean vs slug



Right In: 2.669 ± 1.502 χ^2/NDF : 12.7/9

Left Out: 0.855 ± 3.677 χ^2/NDF : 2.7/2

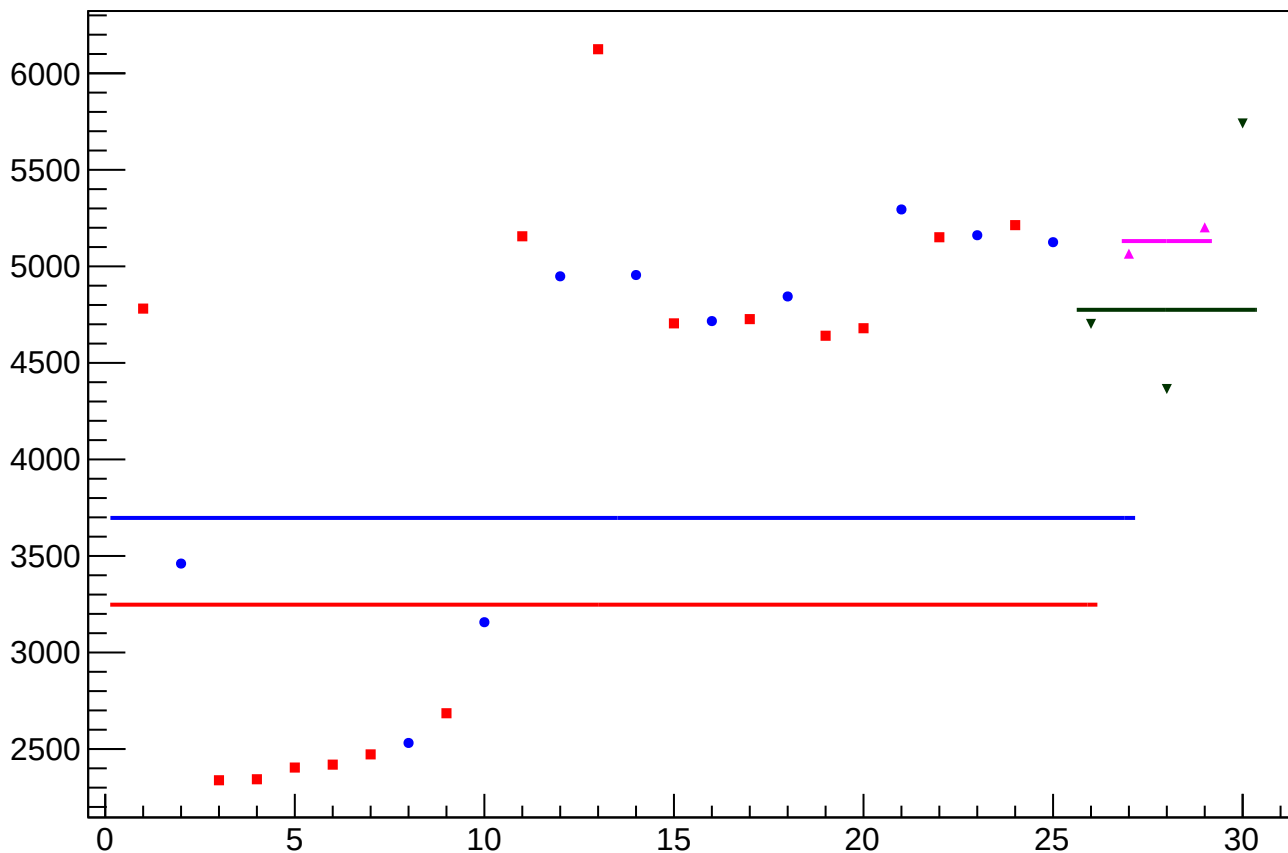
Right Out: 2.440 ± 1.304 χ^2/NDF : 24.2/14

Left In: -0.995 ± 3.957 χ^2/NDF : 2.3/1

2.409 ± 1.391 χ^2/NDF : 15.5/12

2.104 ± 1.238 χ^2/NDF : 27.1/16

diff_bpm1Y_rms vs slug



Right In: 3697.013+/-1.062 χ^2/NDF : 938879.4/9

Left Out: 4774.986+/-2.600 χ^2/NDF : 43164.9/2

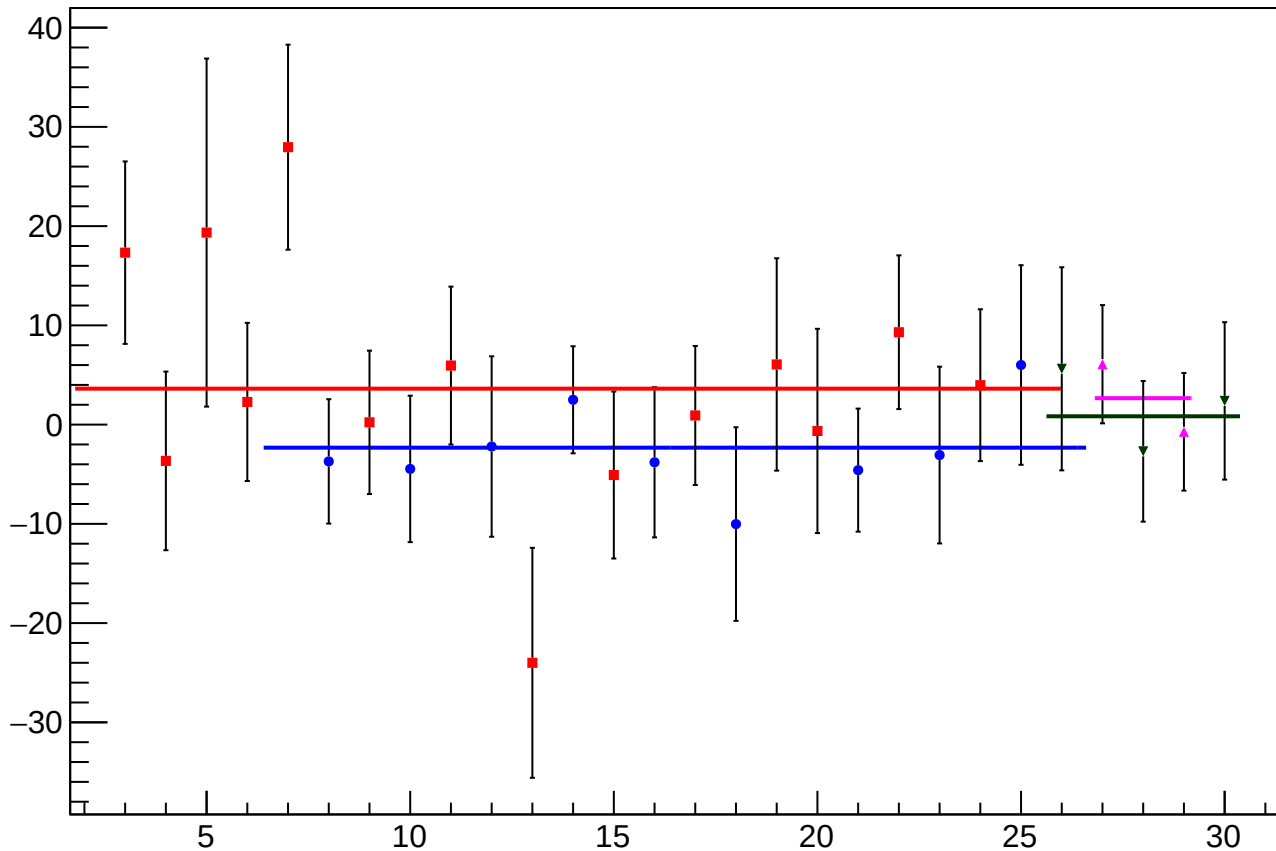
Right Out: 3247.711+/-0.922 χ^2/NDF : 1611134.1/14

Left In: 5131.009+/-2.798 χ^2/NDF : 592.7/1

3851.185+/-0.983 χ^2/NDF : 1129322.4/12

3432.141+/-0.876 χ^2/NDF : 2020477.5/16

diff_bpm11X_mean vs slug



Right In: -2.323 ± 2.449 χ^2/NDF : 2.4/8

Left Out: 0.839 ± 4.695 χ^2/NDF : 0.5/2

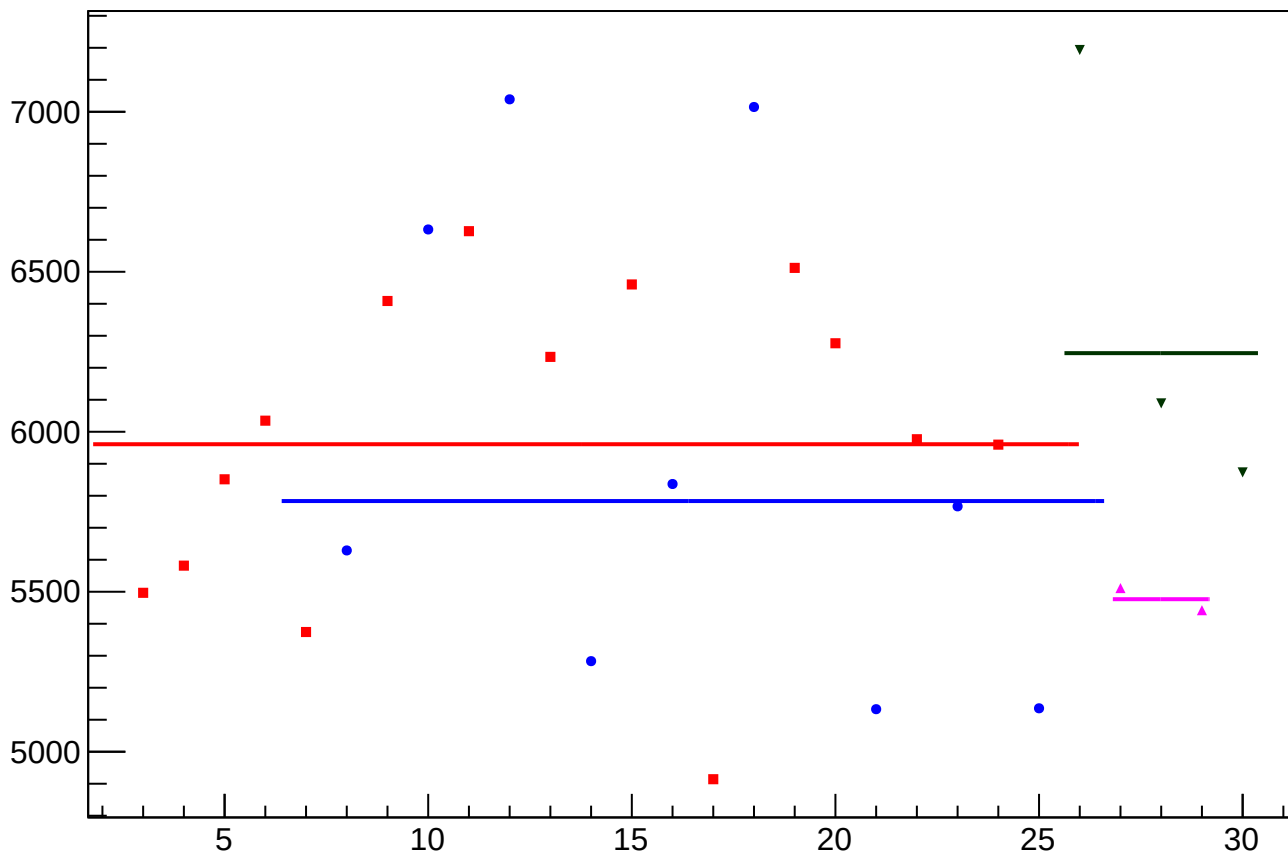
Right Out: 3.624 ± 2.348 χ^2/NDF : 17.2/13

Left In: 2.664 ± 4.202 χ^2/NDF : 0.7/1

-1.647 ± 2.171 χ^2/NDF : 3.3/11

3.395 ± 2.050 χ^2/NDF : 17.9/15

diff_bpm11X_rms vs slug



Right In: 5783.470 ± 1.731 χ^2/NDF : 145329.8/8

Left Out: 6245.712 ± 3.320 χ^2/NDF : 22551.2/2

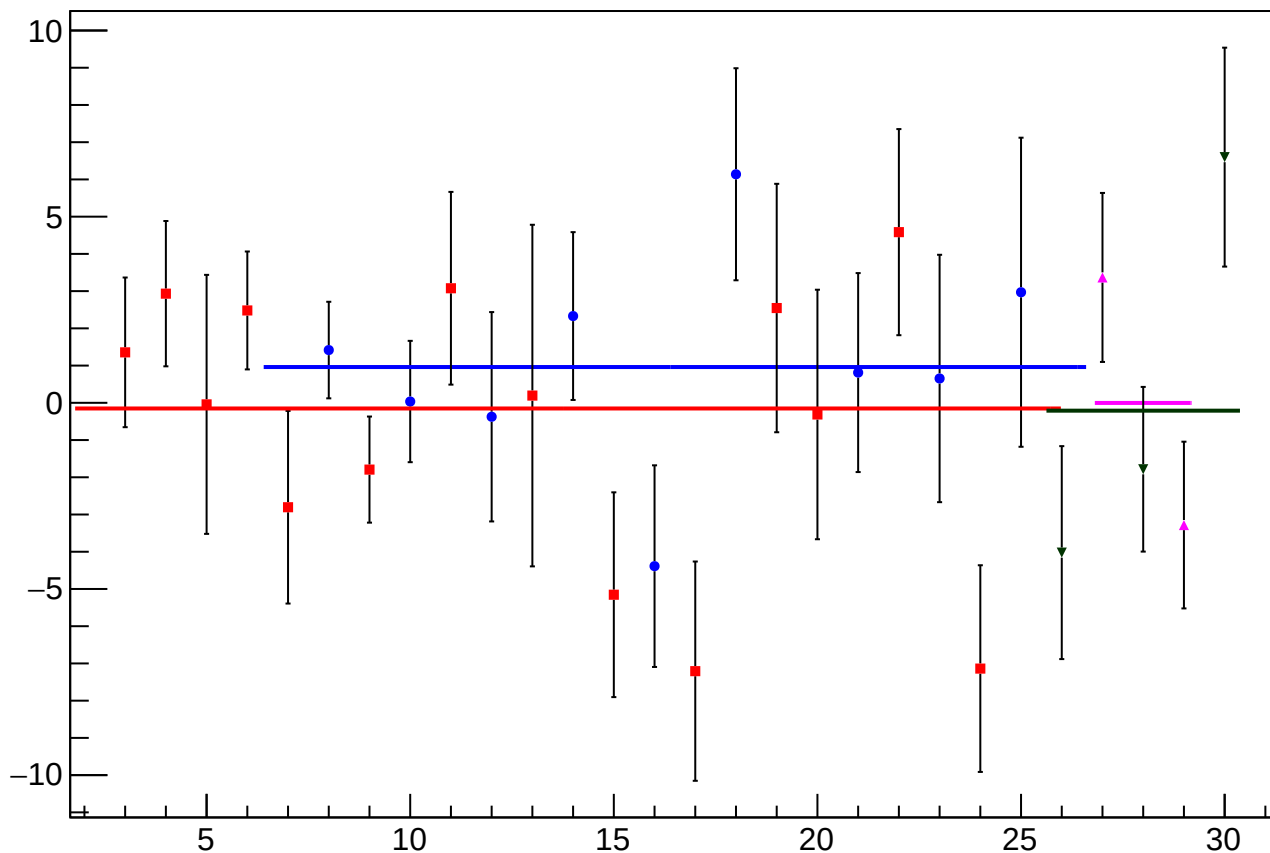
Right Out: 5961.049 ± 1.660 χ^2/NDF : 97105.0/13

Left In: 5476.710 ± 2.972 χ^2/NDF : 135.3/1

5882.331 ± 1.535 χ^2/NDF : 183123.7/11

5845.839 ± 1.449 χ^2/NDF : 117487.8/15

diff_bpm11Y_mean vs slug



Right In: 0.961 ± 0.737 χ^2/NDF : 8.5/8

Left Out: -0.211 ± 1.504 χ^2/NDF : 7.6/2

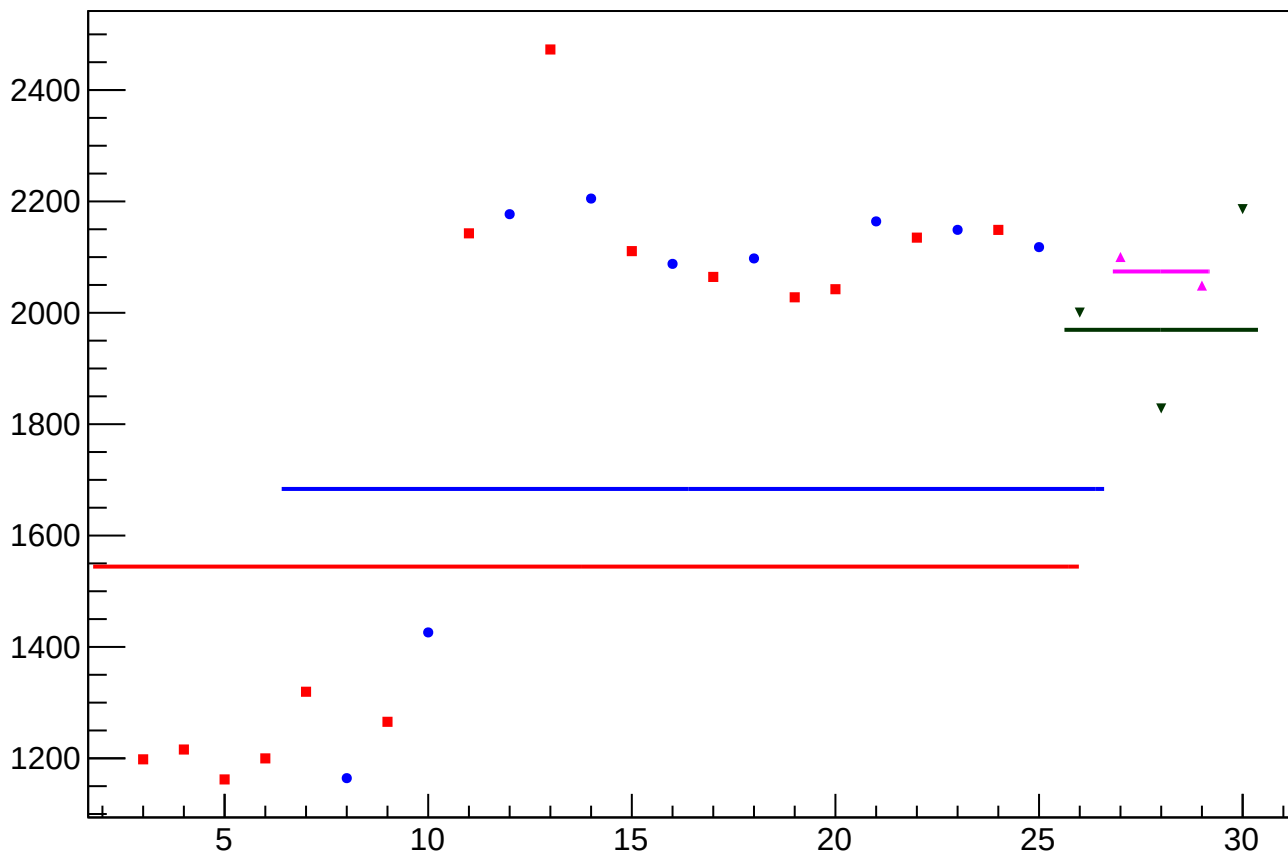
Right Out: -0.152 ± 0.630 χ^2/NDF : 28.7/13

Left In: -0.003 ± 1.594 χ^2/NDF : 4.4/1

0.734 ± 0.661 χ^2/NDF : 16.6/11

-0.132 ± 0.586 χ^2/NDF : 33.1/15

diff_bpm11Y_rms vs slug



Right In: 1683.705+/-0.521 χ^2/NDF : 751973.6/8

Left Out: 1969.441+/-1.063 χ^2/NDF :19245.5/2

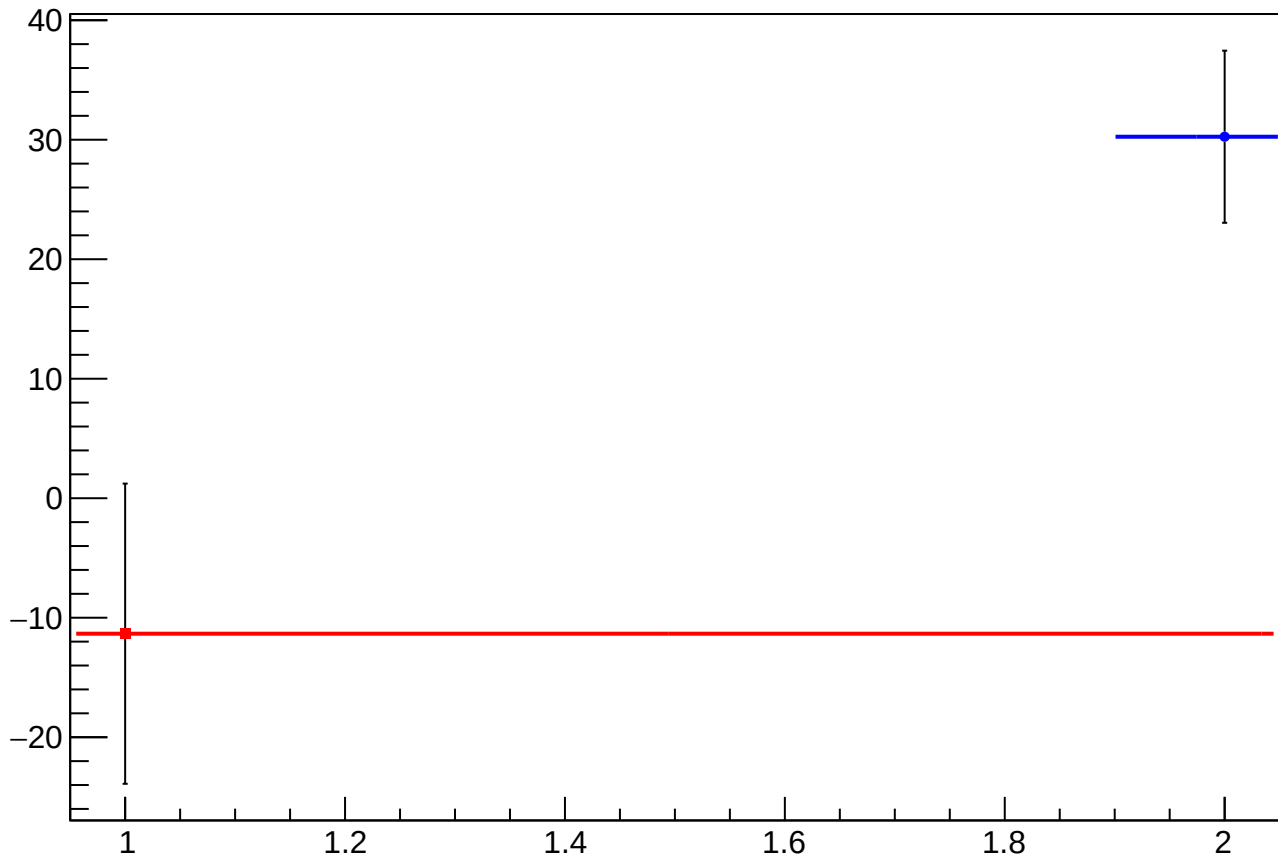
Right Out: 1544.273+/-0.446 χ^2/NDF : 934560.7/13

Left In: 2074.200+/-1.127 χ^2/NDF :518.6/1

1739.011+/-0.468 χ^2/NDF : 829470.7/11

1615.928+/-0.414 χ^2/NDF : 1126224.9/15

diff_bpm14X_mean vs slug



Right In: 30.250+/-7.202 χ^2/NDF : 0.0/0

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

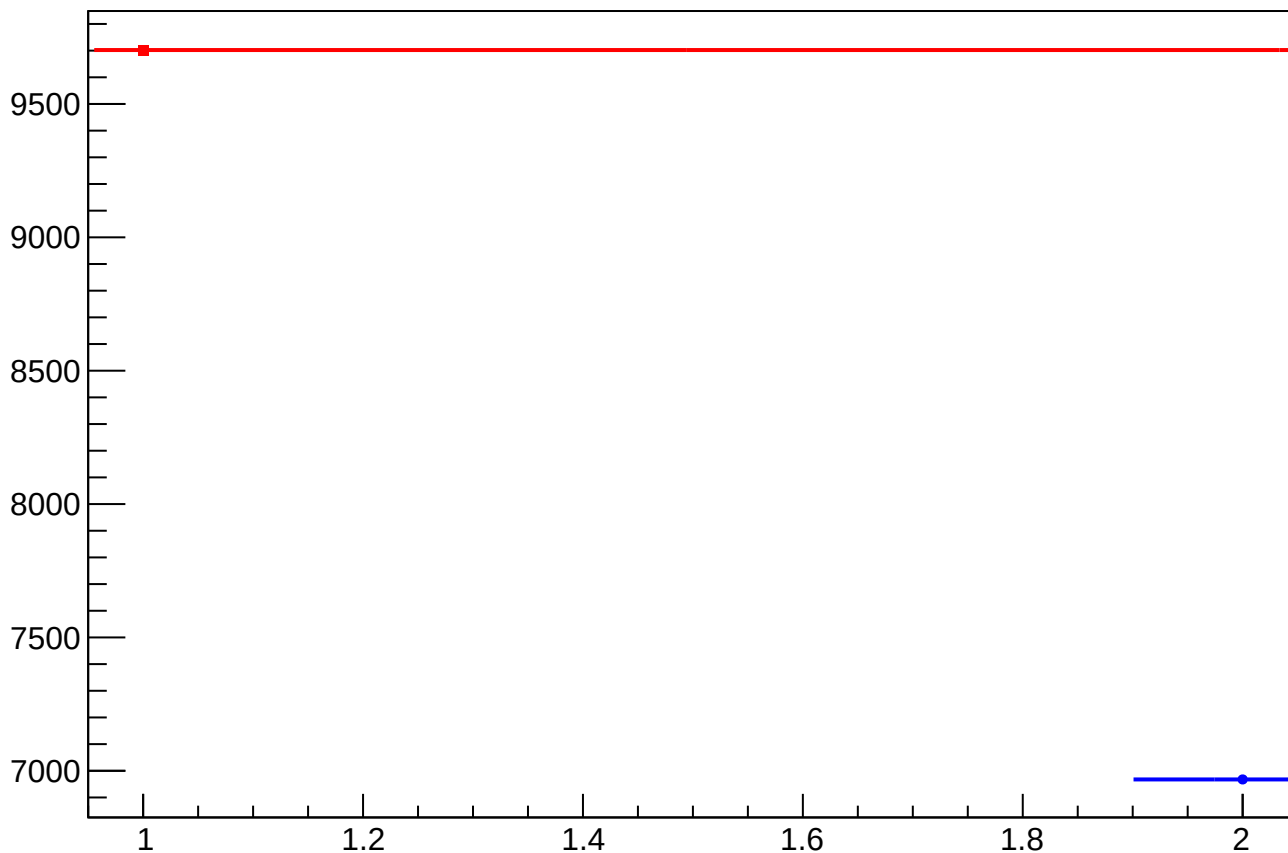
Right Out: -11.337+/-12.561 χ^2/NDF : 0.0/0

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

30.250+/-7.202 χ^2/NDF : 0.0/0

-11.337+/-12.561 χ^2/NDF : 0.0/0

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

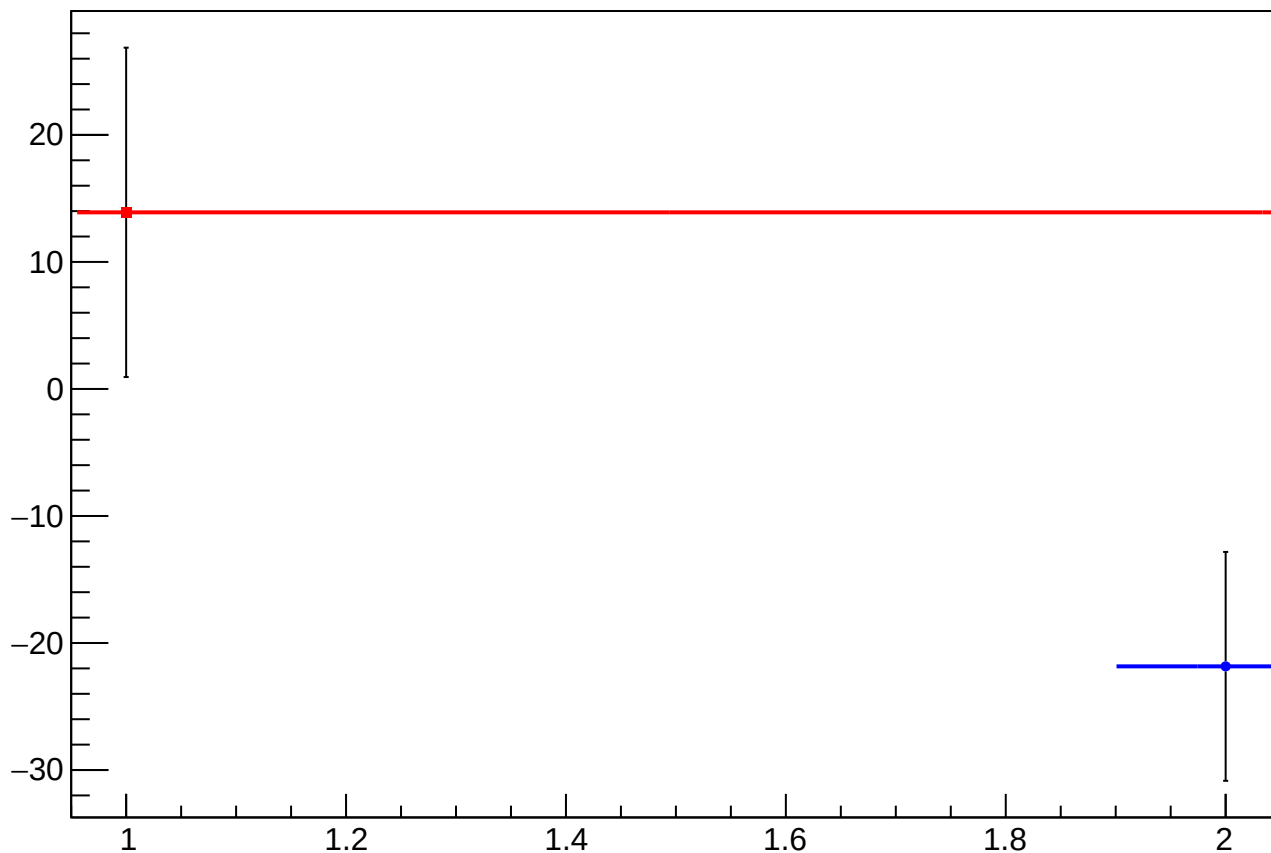
Right Out: 9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

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

6967.598 $\pm$ 5.093 χ^2/NDF : 0.0/0

9702.195 $\pm$ 8.882 χ^2/NDF : 0.0/0

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

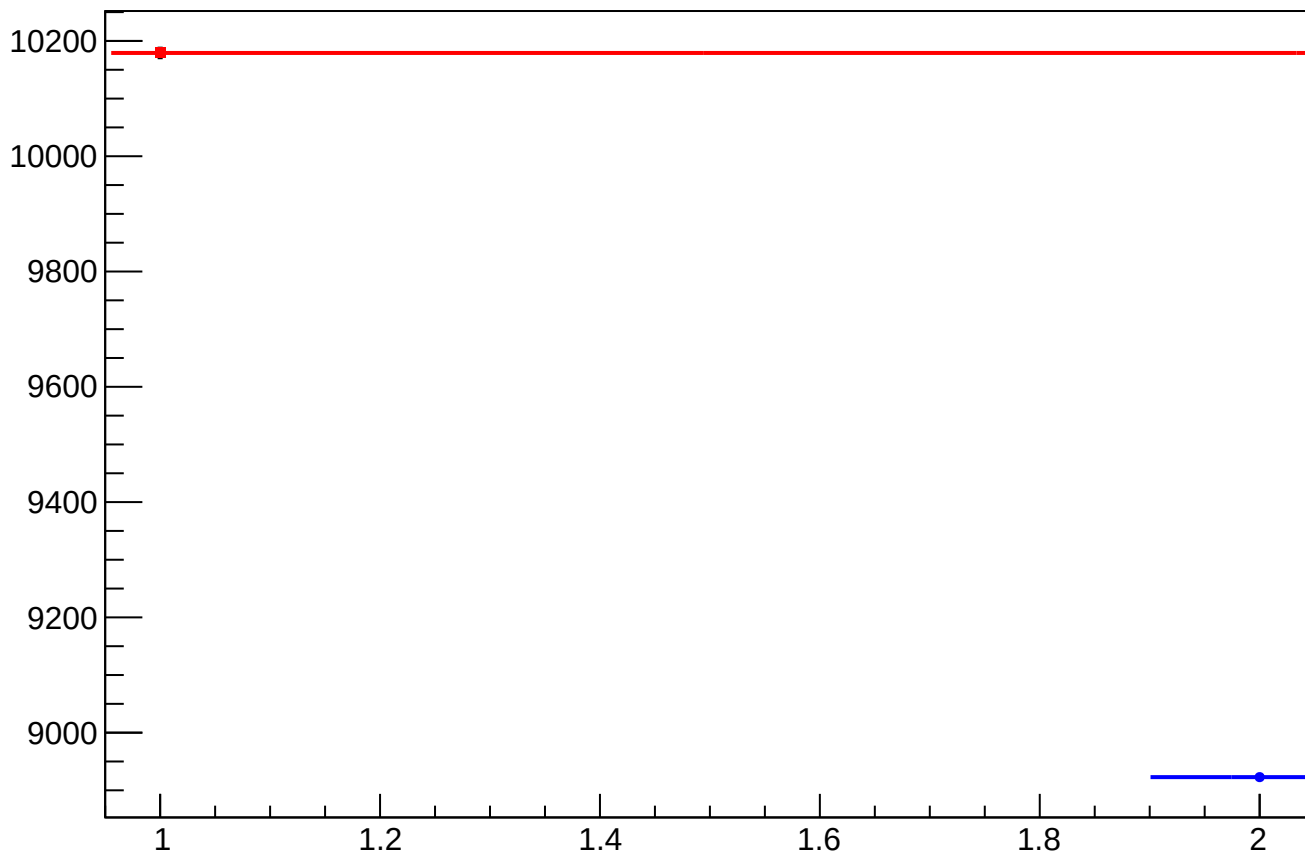
Right Out: 13.902 $\pm$ 12.965 χ^2 /NDF: 0.0/0

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

-21.839 $\pm$ 9.009 χ^2 /NDF: 0.0/0

13.902 $\pm$ 12.965 χ^2 /NDF: 0.0/0

diff_bpm14Y_rms vs slug



Right In: 8922.874+/-6.370 χ^2/NDF : 0.0/0

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

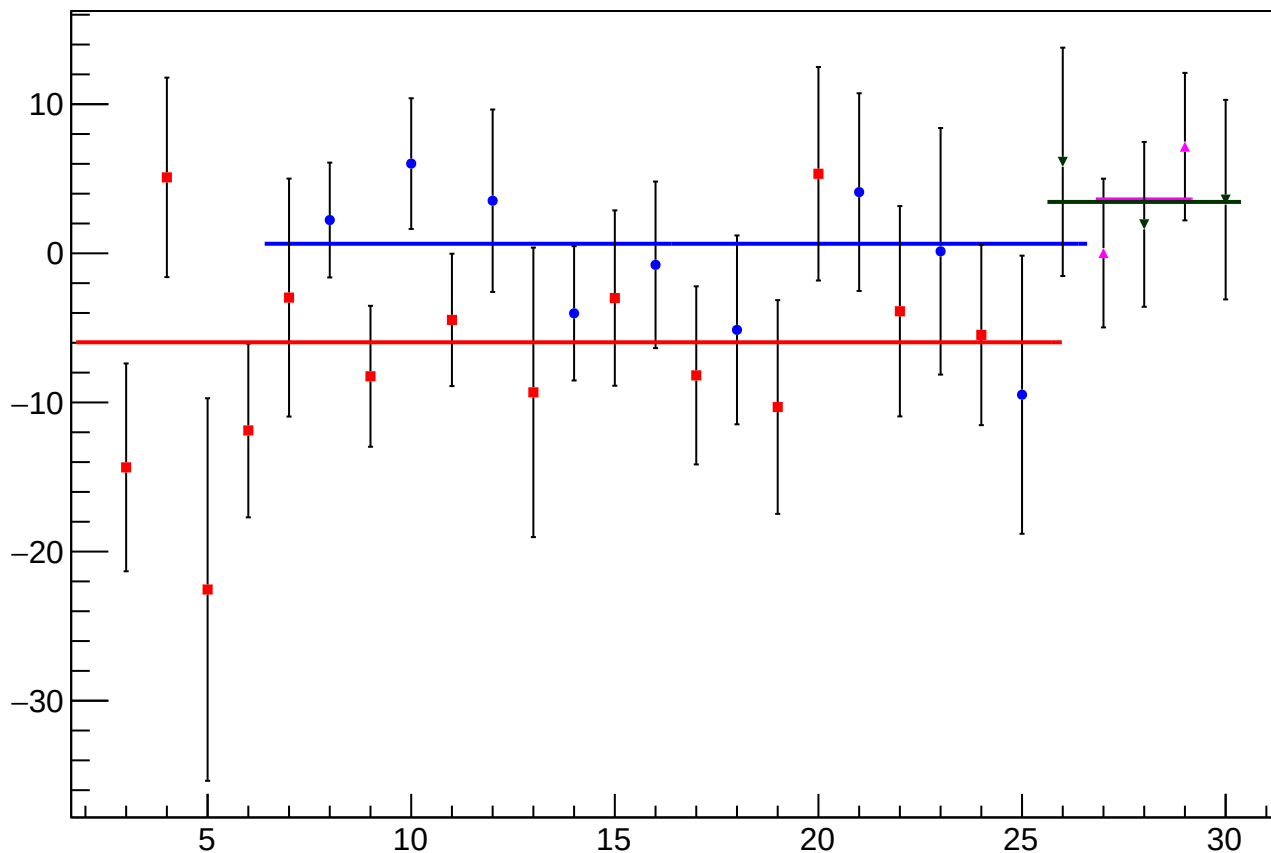
Right Out: 10179.165+/-9.168 χ^2/NDF : 0.0/0

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

8922.874+/-6.370 χ^2/NDF : 0.0/0

10179.165+/-9.168 χ^2/NDF : 0.0/0

diff_bpm16X_mean vs slug



Right In: 0.642 ± 1.821 χ^2/NDF : 5.3/8

Left Out: 3.447 ± 3.723 χ^2/NDF : 0.2/2

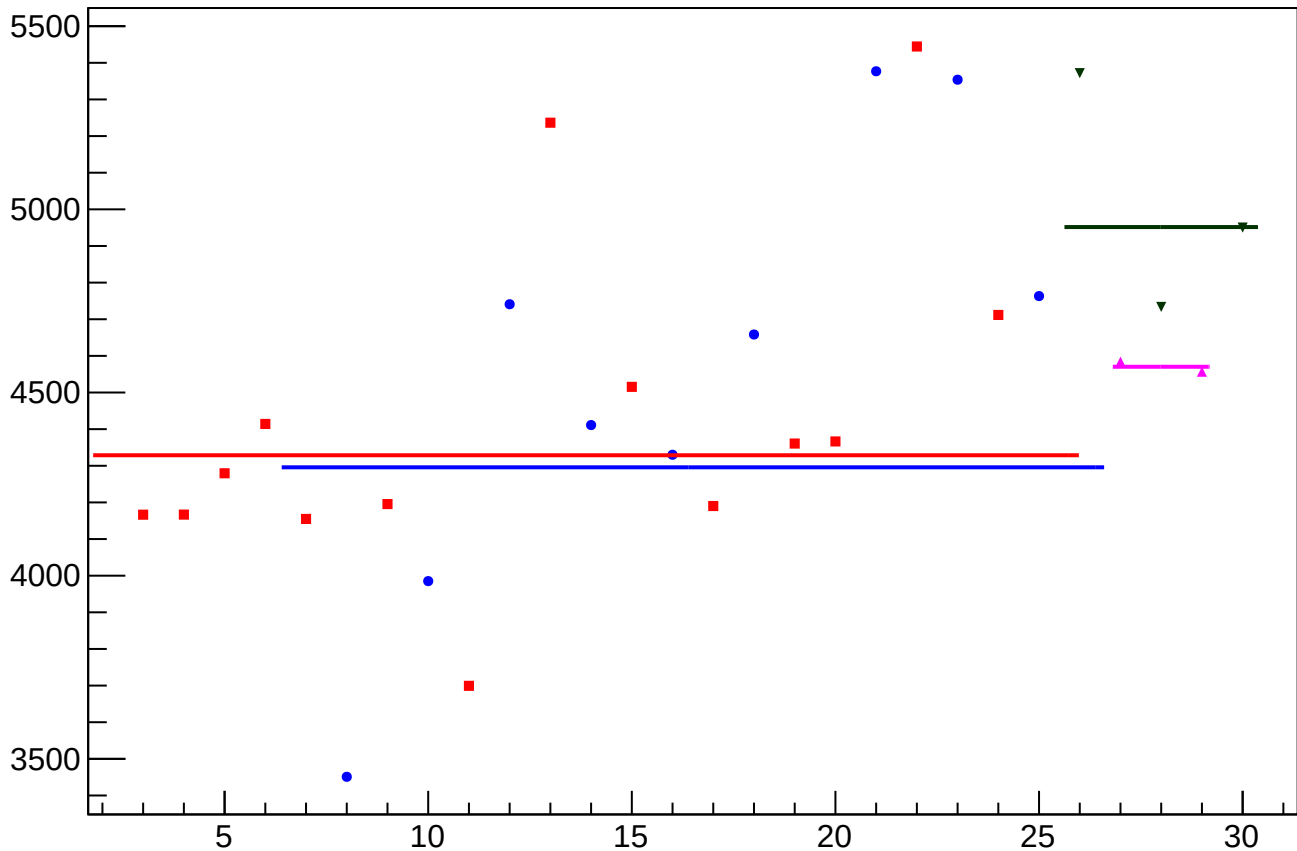
Right Out: -5.965 ± 1.706 χ^2/NDF : 10.8/13

Left In: 3.615 ± 3.511 χ^2/NDF : 1.0/1

1.183 ± 1.636 χ^2/NDF : 6.0/11

-4.136 ± 1.534 χ^2/NDF : 17.9/15

diff_bpm16X_rms vs slug



Right In: 4295.808+/-1.288 χ^2/NDF : 215917.1/8

Left Out: 4422.434+/-1.157 χ^2/NDF : 275125.0/11

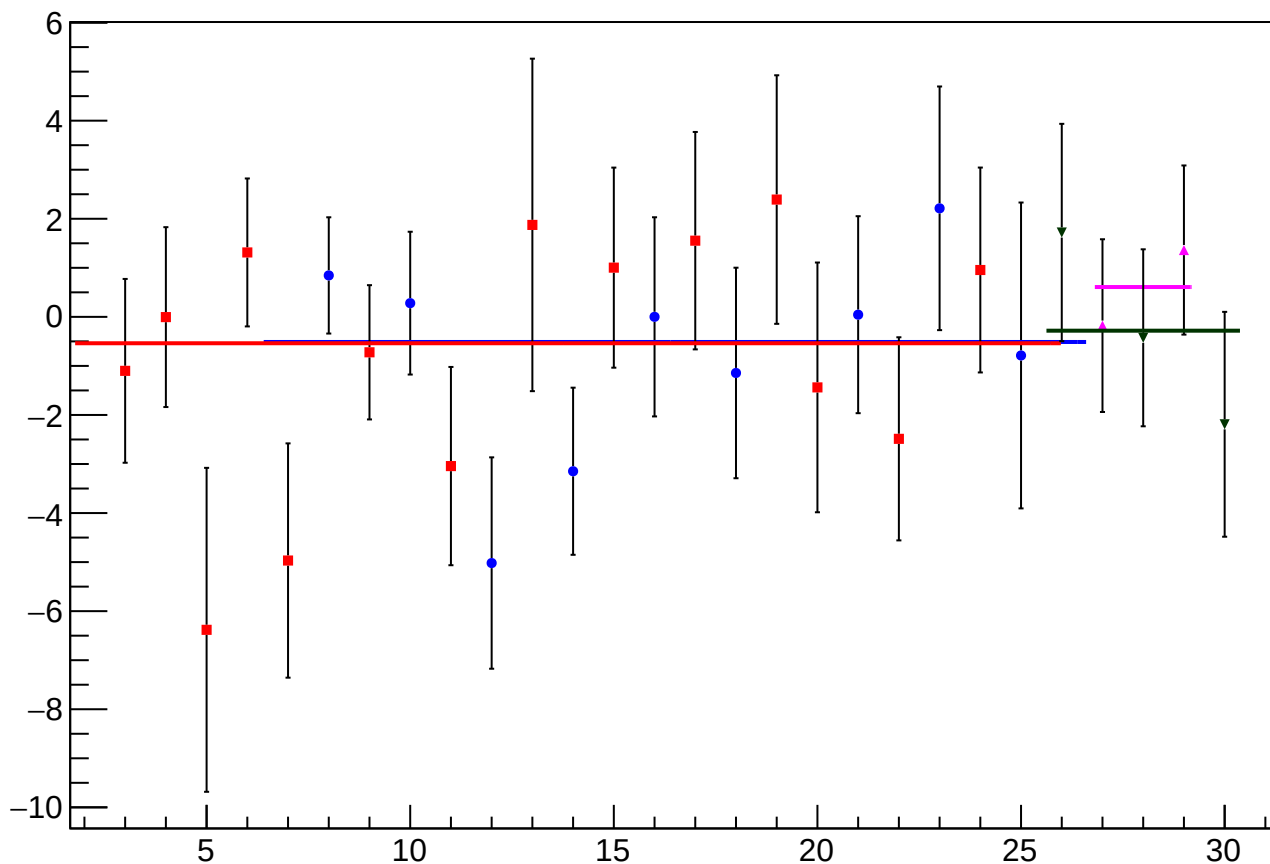
4422.434+/-1.157 χ^2/NDF : 275125.0/11

Right Out: 4328.740+/-1.206 χ^2/NDF : 124243.6/13

4374.858+/-1.085 χ^2/NDF : 131932.2/15

Left In: 4570.301+/-2.483 χ^2/NDF : 30.3/1

diff_bpm16Y_mean vs slug



Right In: -0.512 ± 0.607 χ^2/NDF : 9.8/8

Left Out: -0.282 ± 1.194 χ^2/NDF : 1.5/2

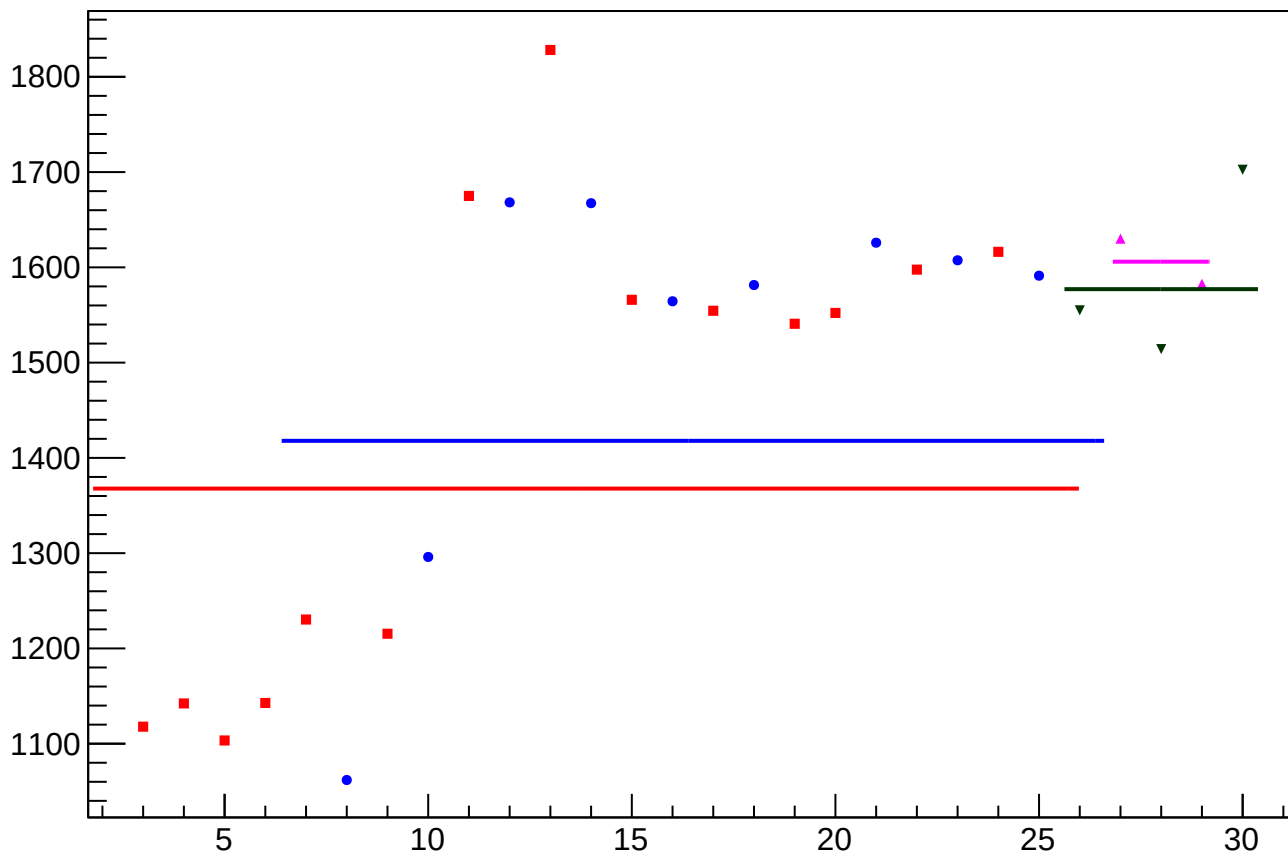
Right Out: -0.538 ± 0.545 χ^2/NDF : 14.6/13

Left In: 0.608 ± 1.232 χ^2/NDF : 0.4/1

-0.465 ± 0.541 χ^2/NDF : 11.4/11

-0.351 ± 0.498 χ^2/NDF : 15.7/15

diff_bpm16Y_rms vs slug



Right In: 1417.917 ± 0.429 χ^2/NDF : 325684.8/8

Left Out: 1577.118 ± 0.844 χ^2/NDF : 8614.0/2

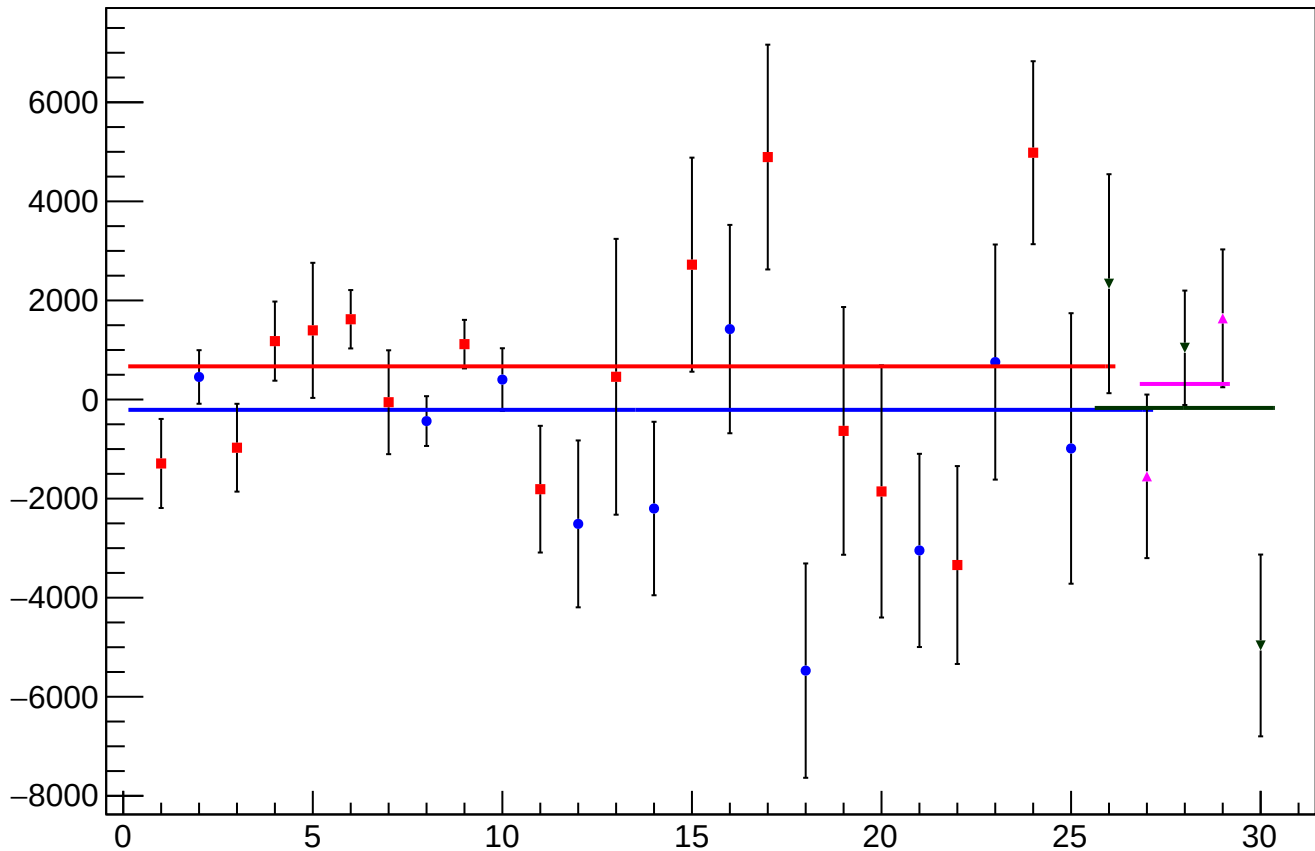
Right Out: 1367.789 ± 0.385 χ^2/NDF : 343528.7/13

Left In: 1605.945 ± 0.871 χ^2/NDF : 738.9/1

1450.581 ± 0.382 χ^2/NDF : 362551.0/11

1406.728 ± 0.352 χ^2/NDF : 406787.4/15

asym_sam1_mean vs slug



Right In: -208.377 ± 294.000 $\chi^2/\text{NDF}: 14.7/9$

Left Out: -169.701 ± 893.811 $\chi^2/\text{NDF}: 9.2/2$

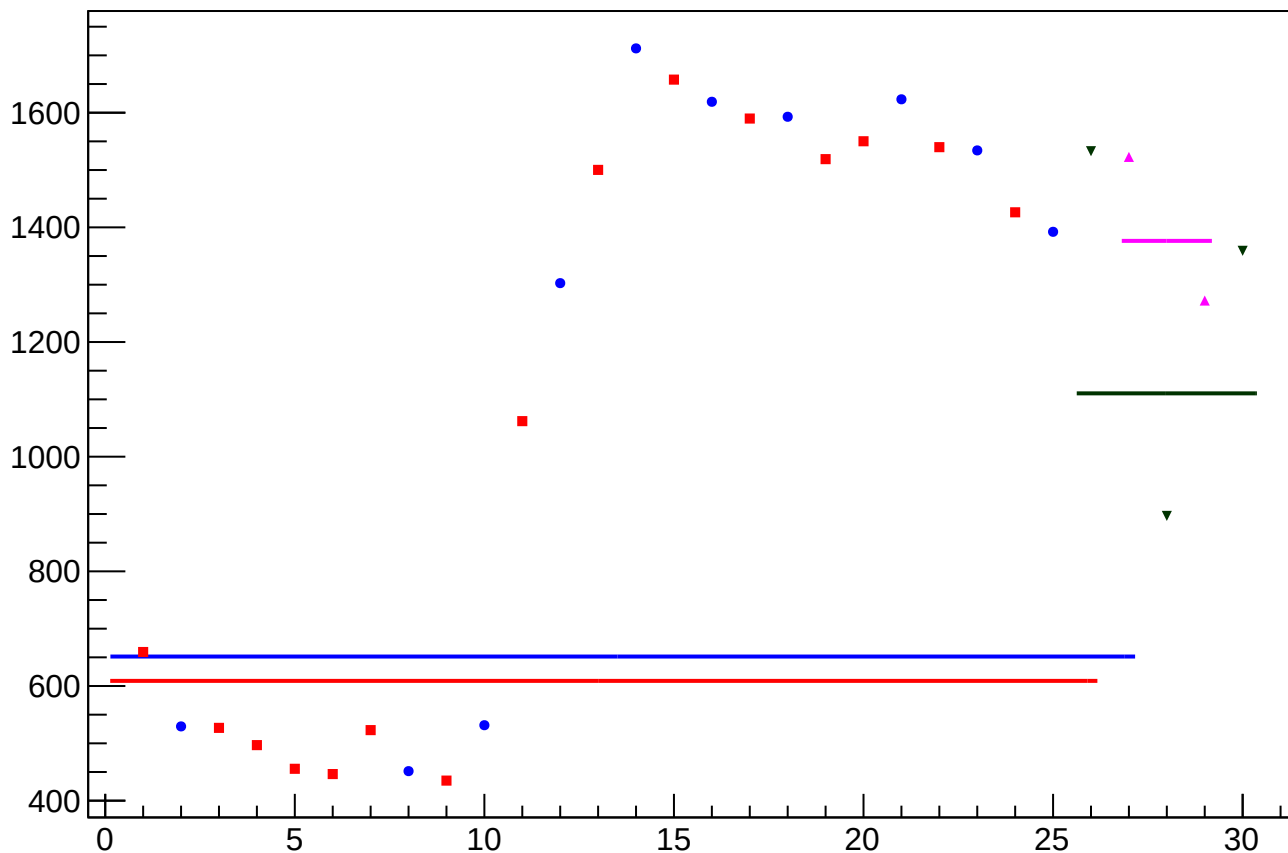
Right Out: 669.529 ± 261.897 $\chi^2/\text{NDF}: 31.7/14$

Left In: 314.193 ± 1063.876 $\chi^2/\text{NDF}: 2.2/1$

-204.601 ± 279.280 $\chi^2/\text{NDF}: 23.9/12$

649.226 ± 254.305 $\chi^2/\text{NDF}: 34.0/16$

asym_sam1_rms vs slug



Right In: 651.403+/-0.208 χ^2/NDF : 3245949.8/9

Left Out: 1110.455+/-0.632 χ^2/NDF :178300.7/2

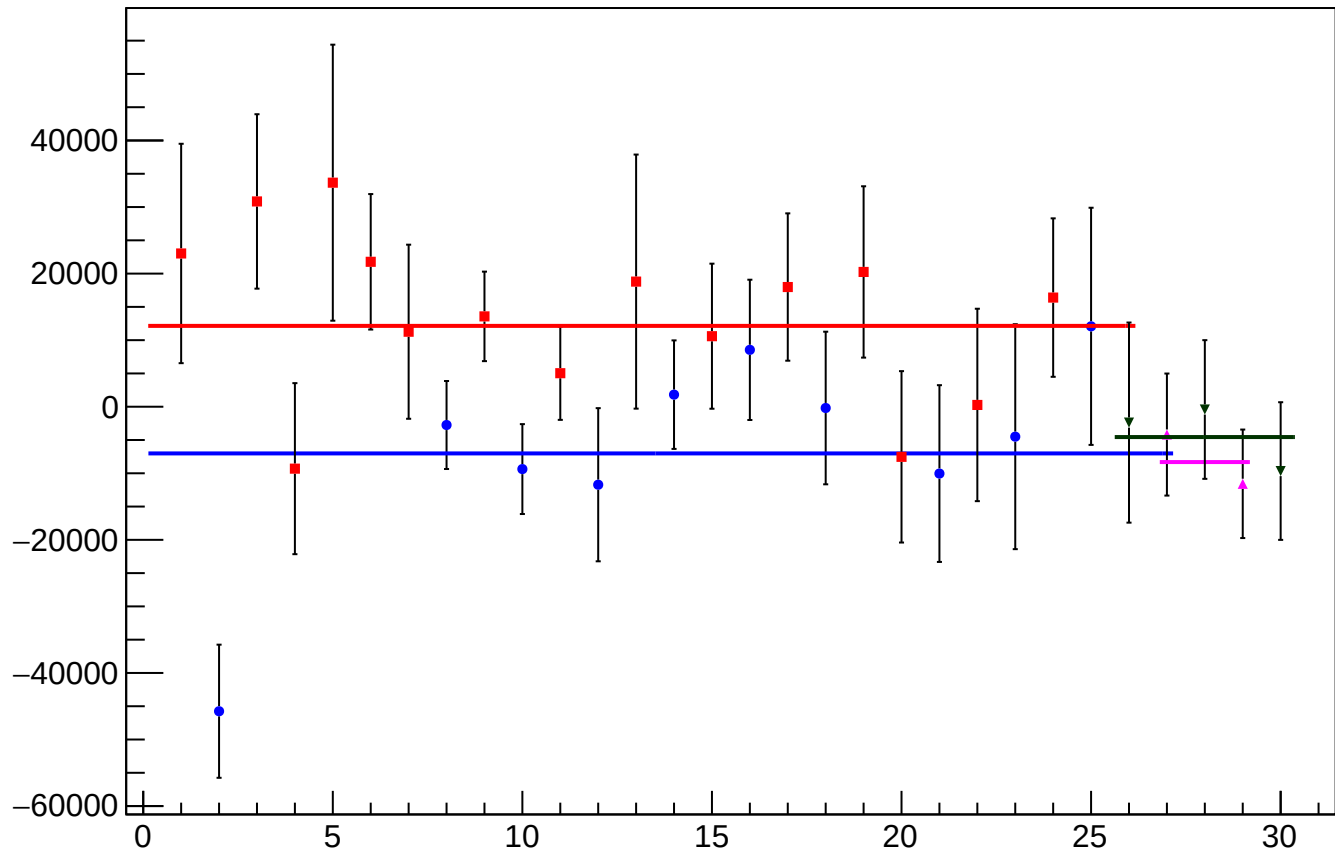
Right Out: 608.945+/-0.185 χ^2/NDF : 3171635.4/14

Left In: 1376.420+/-0.752 χ^2/NDF :26938.5/1

696.221+/-0.197 χ^2/NDF : 3900294.6/12

652.798+/-0.180 χ^2/NDF : 4179923.4/16

asym_sam2_mean vs slug



Right In: -7015.607 $\pm$ 3066.408 χ^2 /NDF: 20.6/9

Left Out: -4557.577 $\pm$ 6595.253 χ^2 /NDF: 0.4/2

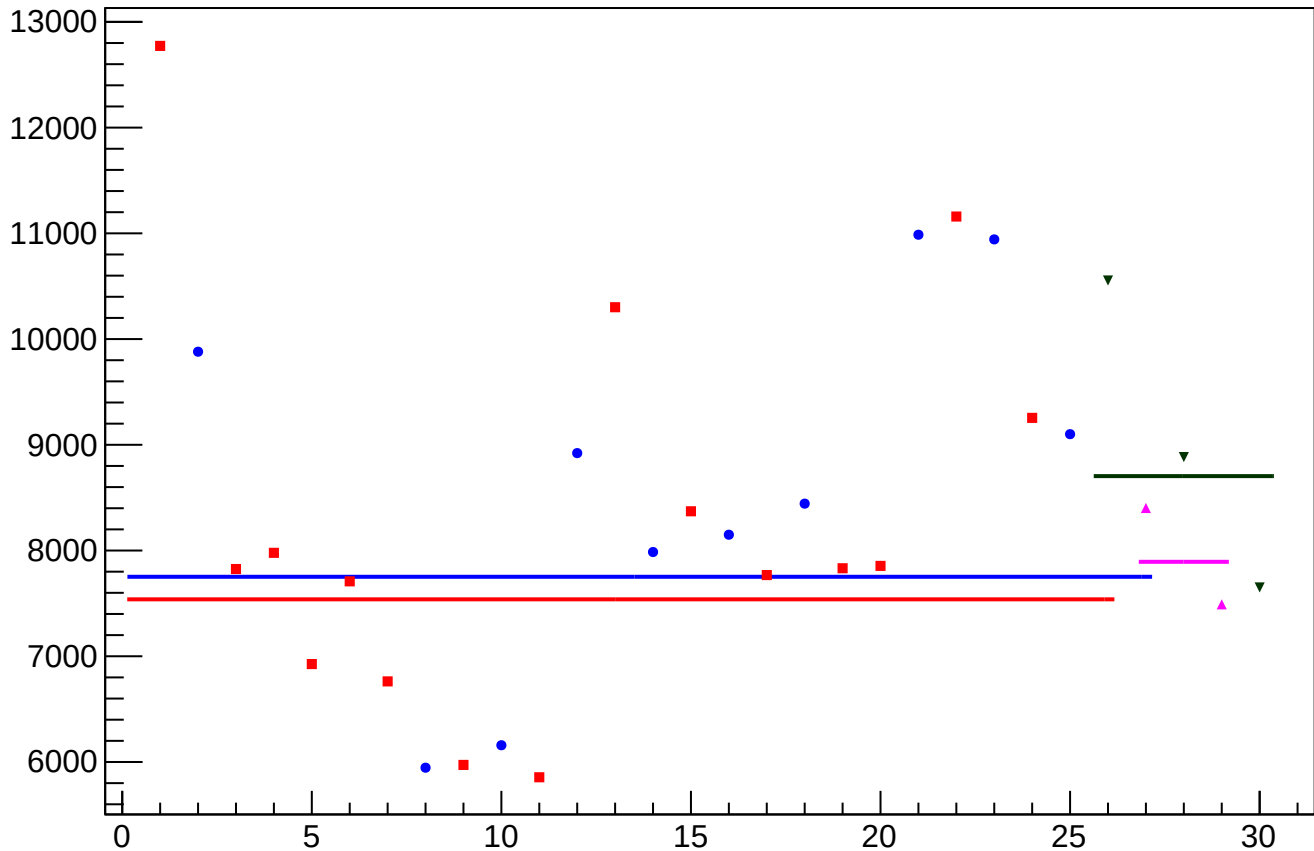
Right Out: 12145.925 $\pm$ 2897.769 χ^2 /NDF: 12.3/14

Left In: -8315.182 $\pm$ 6091.385 χ^2 /NDF: 0.4/1

-6578.700 $\pm$ 2780.563 χ^2 /NDF: 21.2/12

8369.977 $\pm$ 2616.763 χ^2 /NDF: 21.8/16

asym_sam2_rms vs slug



Right In: 7751.710+/-2.168 χ^2/NDF : 585127.7/9

Left Out: 8703.811+/-4.664 χ^2/NDF : 51624.0/2

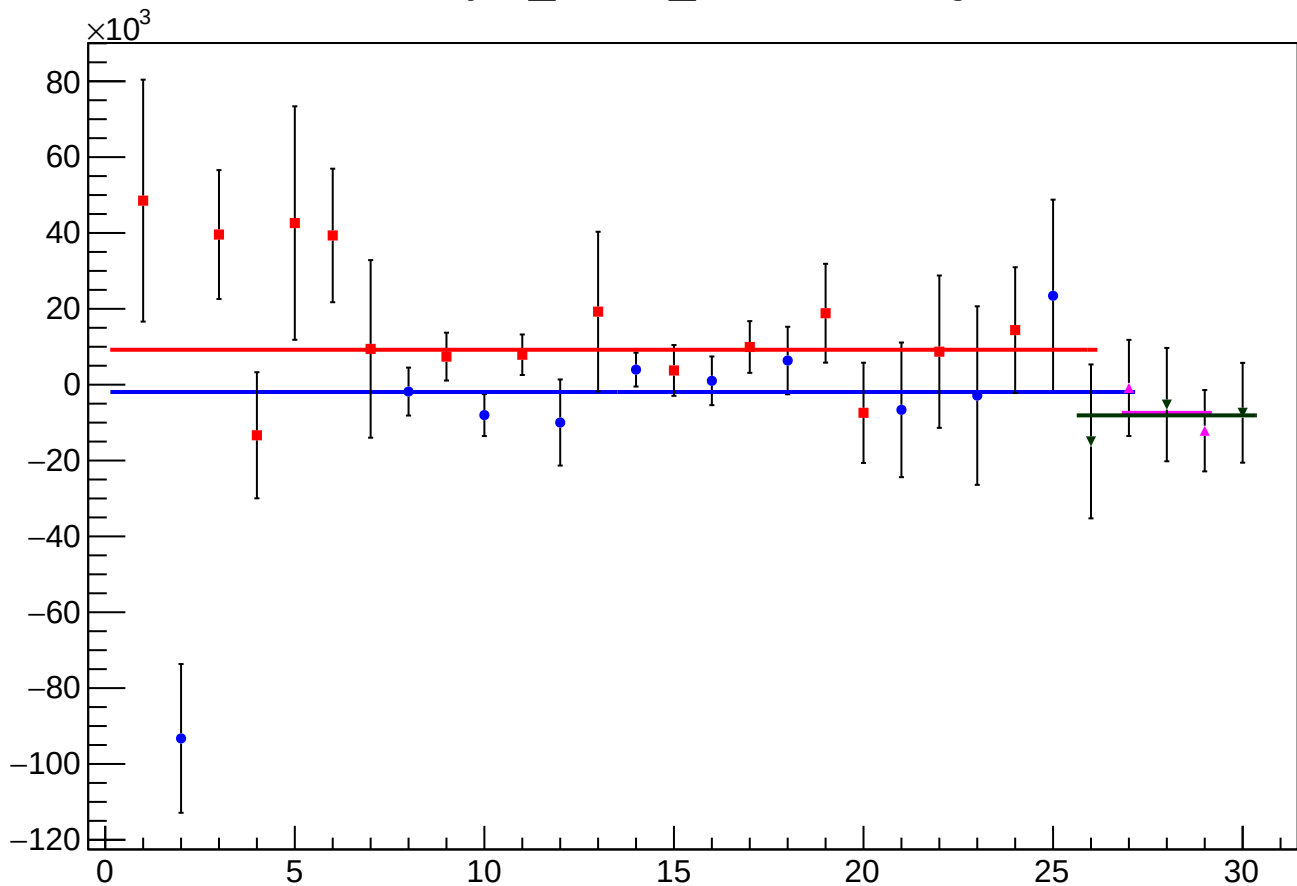
7920.943+/-1.966 χ^2/NDF : 671023.5/12

Right Out: 7538.485+/-2.049 χ^2/NDF : 661872.7/14

7603.965+/-1.850 χ^2/NDF : 678444.5/16

Left In: 7893.309+/-4.307 χ^2/NDF : 11037.9/1

asym_sam3_mean vs slug



Right In: -1928.671 ± 2486.734 χ^2/NDF : 27.3/9

Left Out: -8091.640 ± 8879.761 χ^2/NDF : 0.2/2

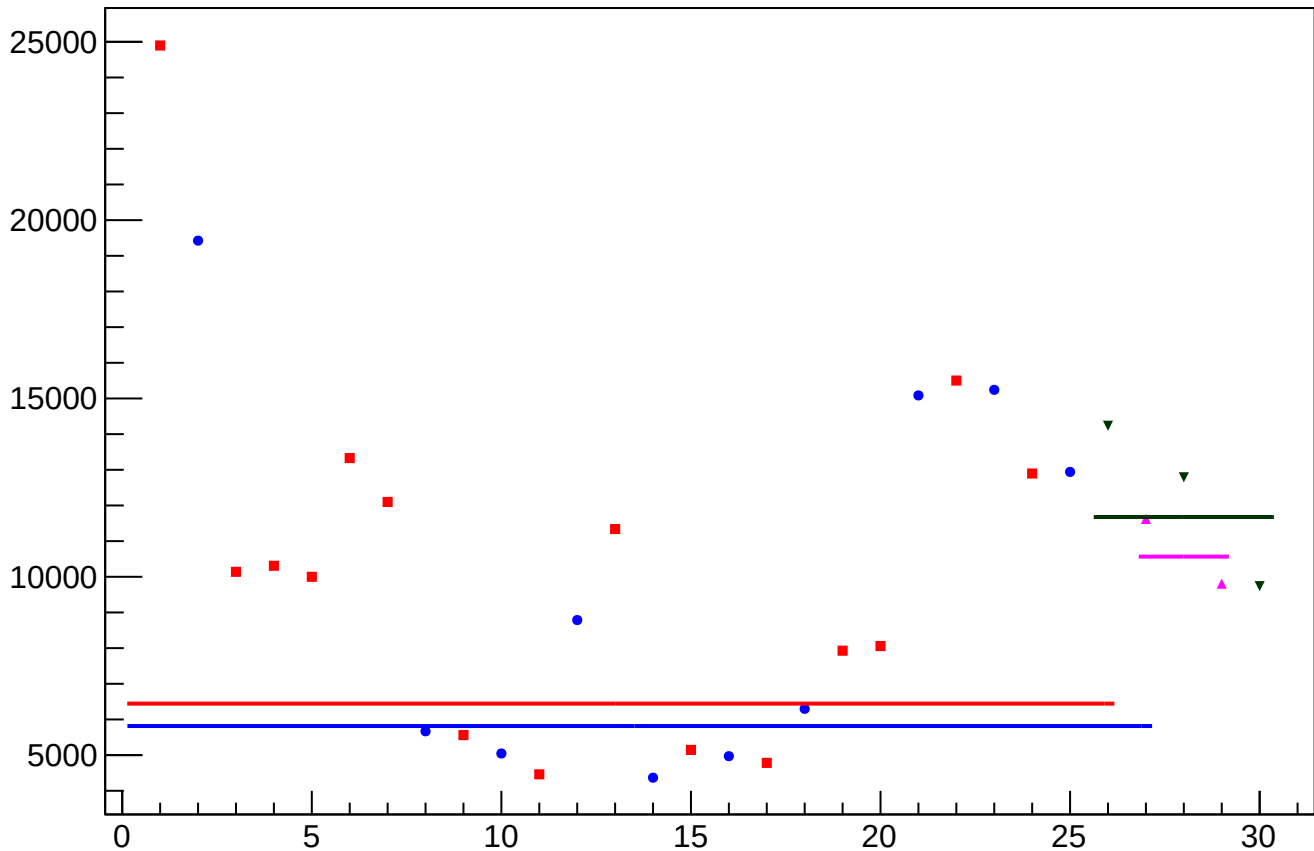
Right Out: 9209.460 ± 2690.898 χ^2/NDF : 13.9/14

Left In: -7429.707 ± 8184.112 χ^2/NDF : 0.5/1

-2376.854 ± 2394.607 χ^2/NDF : 27.9/12

7586.150 ± 2556.269 χ^2/NDF : 18.1/16

asym_sam3_rms vs slug



Right In: 5815.518+/-1.758 χ^2/NDF : 2415966.9/9

Left Out: 11676.382+/-6.279 χ^2/NDF :86315.6/2

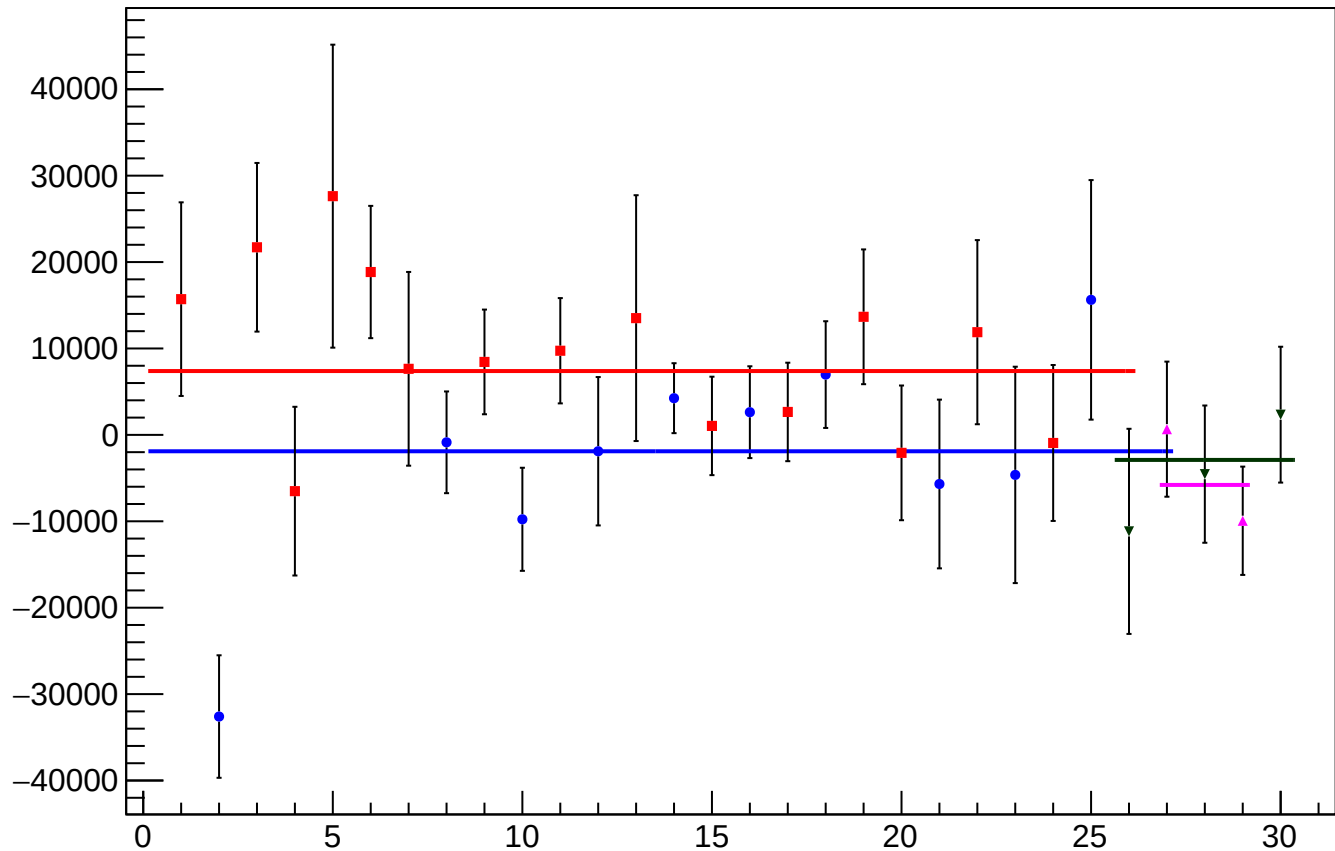
6241.732+/-1.693 χ^2/NDF : 3310188.4/12

Right Out: 6443.801+/-1.903 χ^2/NDF : 2703851.0/14

6845.923+/-1.808 χ^2/NDF : 3185579.1/16

Left In: 10565.610+/-5.787 χ^2/NDF :23922.4/1

asym_sam4_mean vs slug



Right In: -1897.381+/-2061.896 χ^2/NDF : 27.4/9

Left Out: -2898.135+/-5055.044 χ^2/NDF : 1.0/2

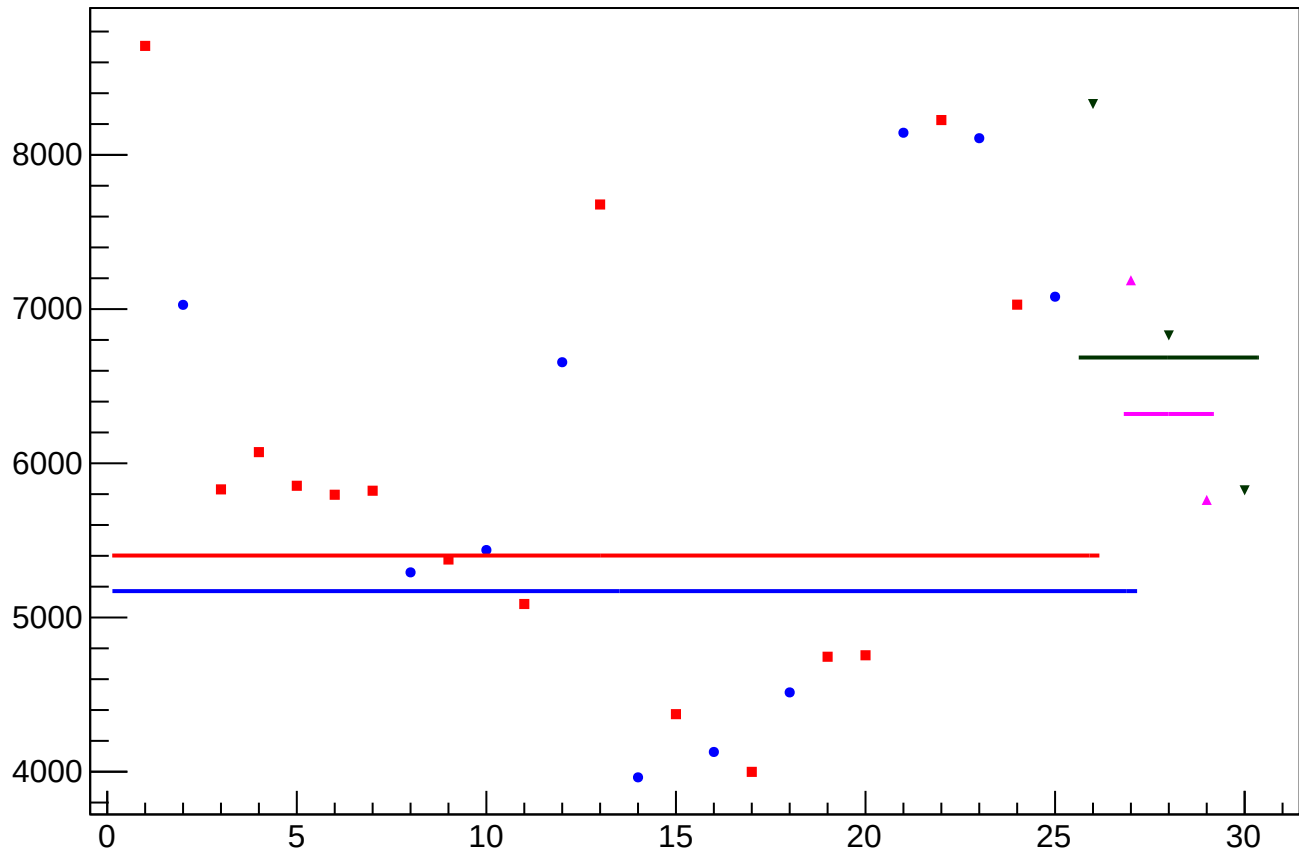
Right Out: 7387.321+/-2076.297 χ^2/NDF : 13.8/14

Left In: -5793.004+/-4889.567 χ^2/NDF : 1.1/1

-2040.130+/-1909.185 χ^2/NDF : 28.4/12

5373.757+/-1911.129 χ^2/NDF : 21.0/16

asym_sam4_rms vs slug



Right In: 5171.152 ± 1.458 χ^2/NDF : 812989.4/9

Left Out: 6686.043 ± 3.574 χ^2/NDF : 63011.6/2

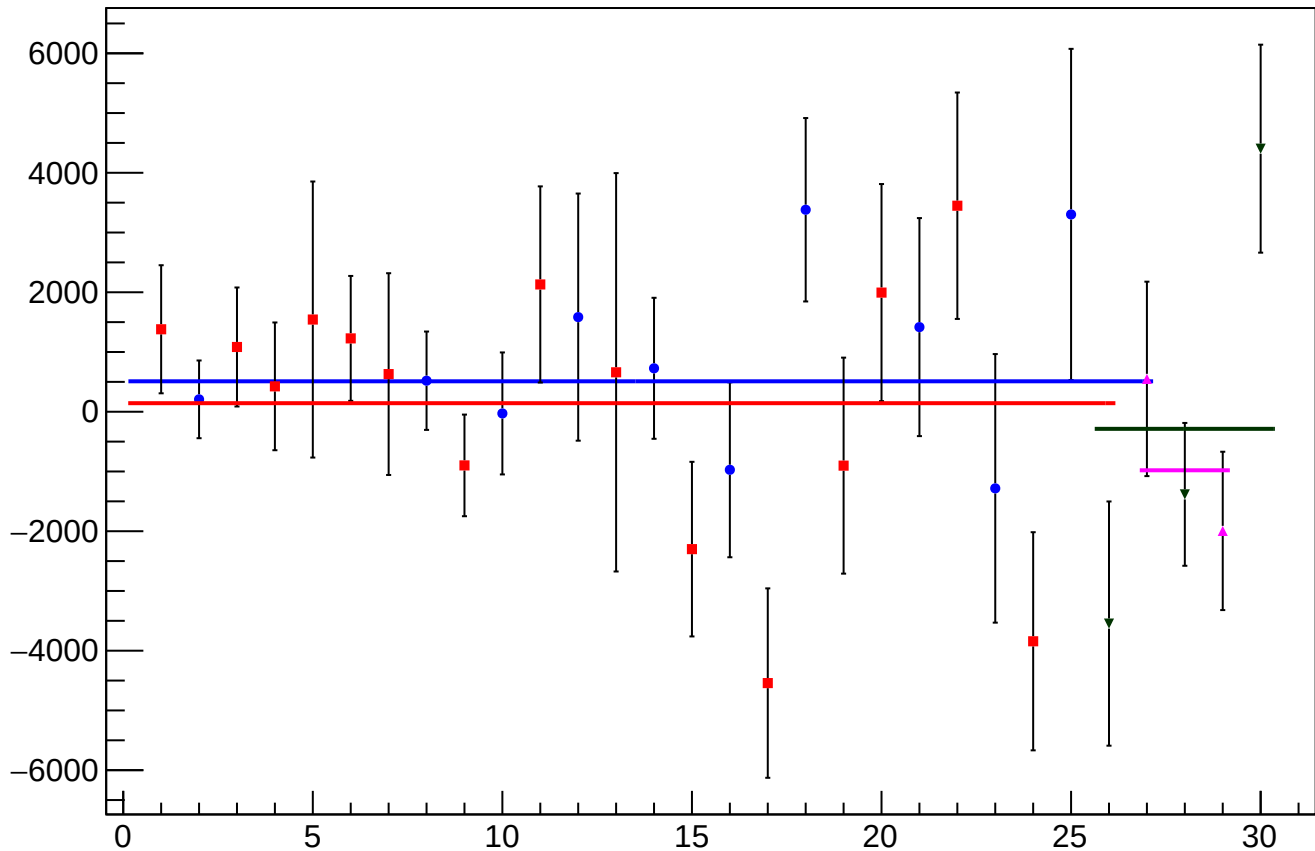
Right Out: 5401.892 ± 1.468 χ^2/NDF : 673231.6/14

Left In: 6319.854 ± 3.457 χ^2/NDF : 40424.3/1

5387.238 ± 1.350 χ^2/NDF : 1029995.6/12

5542.130 ± 1.351 χ^2/NDF : 773378.7/16

asym_sam5_mean vs slug



Right In: 509.626 ± 370.897 $\chi^2/\text{NDF}: 7.2/9$

Left Out: -286.253 ± 887.703 $\chi^2/\text{NDF}: 10.6/2$

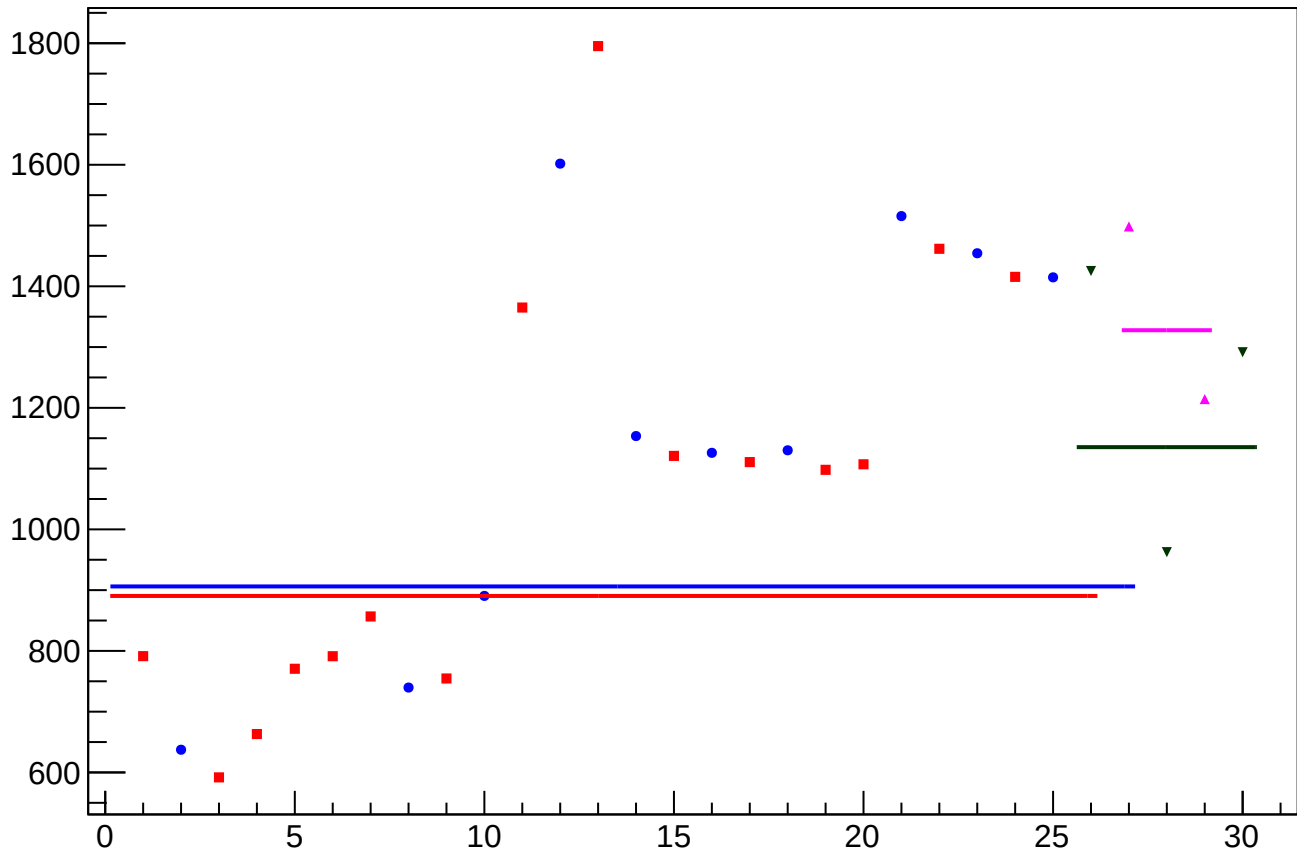
Right Out: 143.234 ± 351.313 $\chi^2/\text{NDF}: 27.5/14$

Left In: -980.023 ± 1027.608 $\chi^2/\text{NDF}: 1.5/1$

391.338 ± 342.227 $\chi^2/\text{NDF}: 18.5/12$

25.689 ± 332.423 $\chi^2/\text{NDF}: 30.1/16$

asym_sam5_rms vs slug



Right In: 906.102+/-0.262 χ^2/NDF : 1234917.7/9

Left Out: 1135.308+/-0.628 χ^2/NDF : 98110.5/2

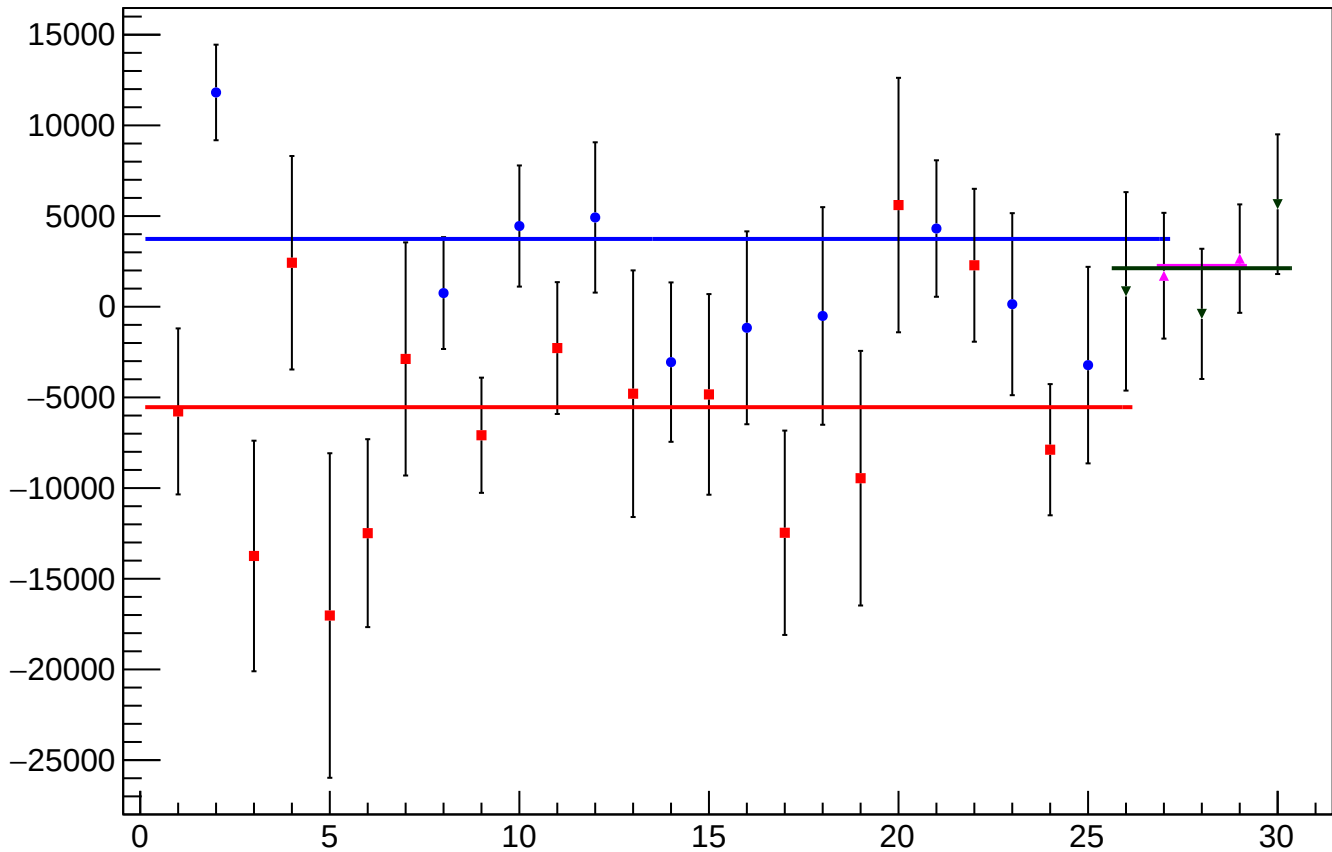
Right Out: 890.443+/-0.248 χ^2/NDF : 1167122.5/14

Left In: 1327.715+/-0.727 χ^2/NDF : 36655.2/1

940.168+/-0.242 χ^2/NDF : 1446547.8/12

936.202+/-0.235 χ^2/NDF : 1528022.8/16

asym_sam6_mean vs slug



Right In: 3738.568 ± 1234.380 $\chi^2/\text{NDF}: 16.4/9$

Left Out: 2124.197 ± 2367.682 $\chi^2/\text{NDF}: 1.4/2$

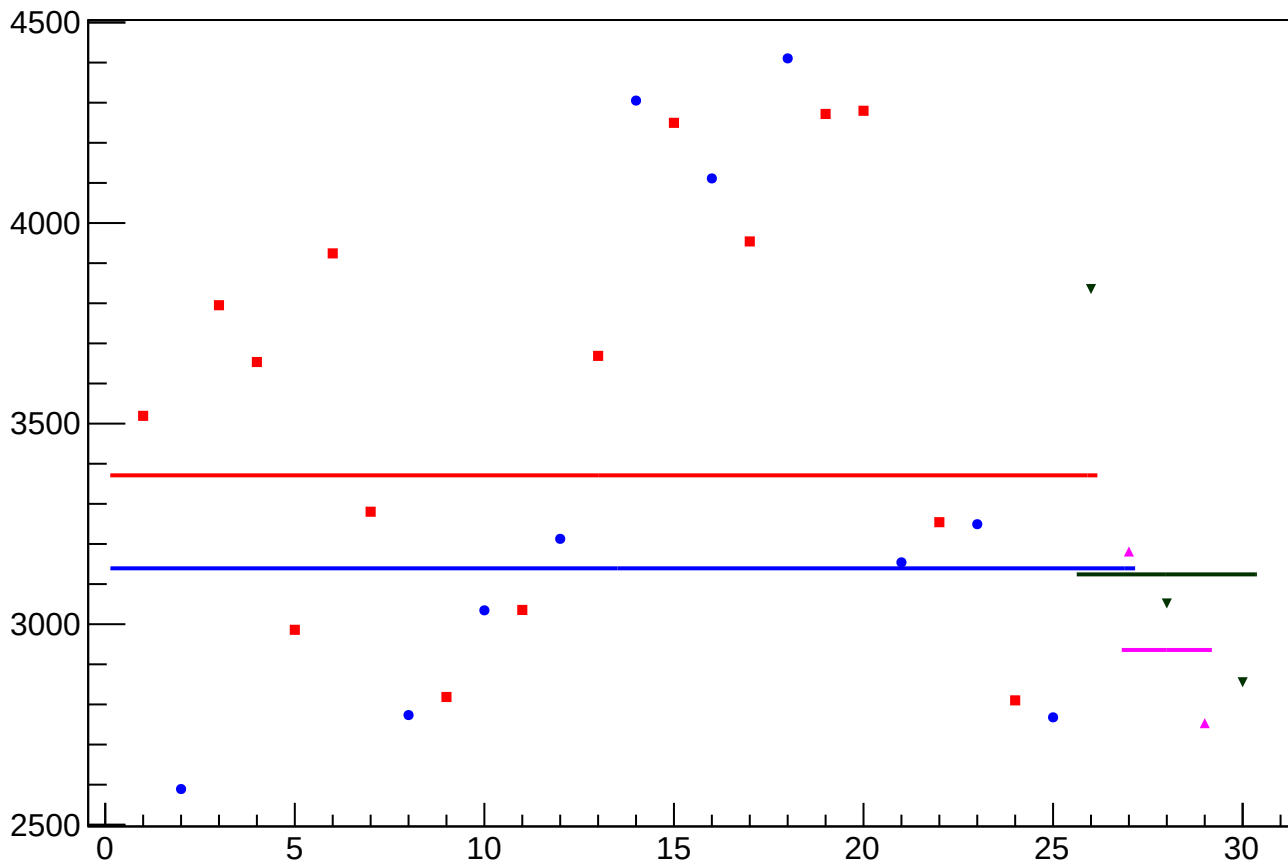
Right Out: -5538.420 ± 1281.240 $\chi^2/\text{NDF}: 16.4/14$

Left In: 2251.565 ± 2264.254 $\chi^2/\text{NDF}: 0.0/1$

3393.555 ± 1094.559 $\chi^2/\text{NDF}: 18.1/12$

-3649.079 ± 1115.095 $\chi^2/\text{NDF}: 25.4/16$

asym_sam6_rms vs slug



Right In: 3139.292+/-0.873 χ^2/NDF : 425684.3/9

Left Out: 3124.198+/-1.674 χ^2/NDF : 44358.2/2

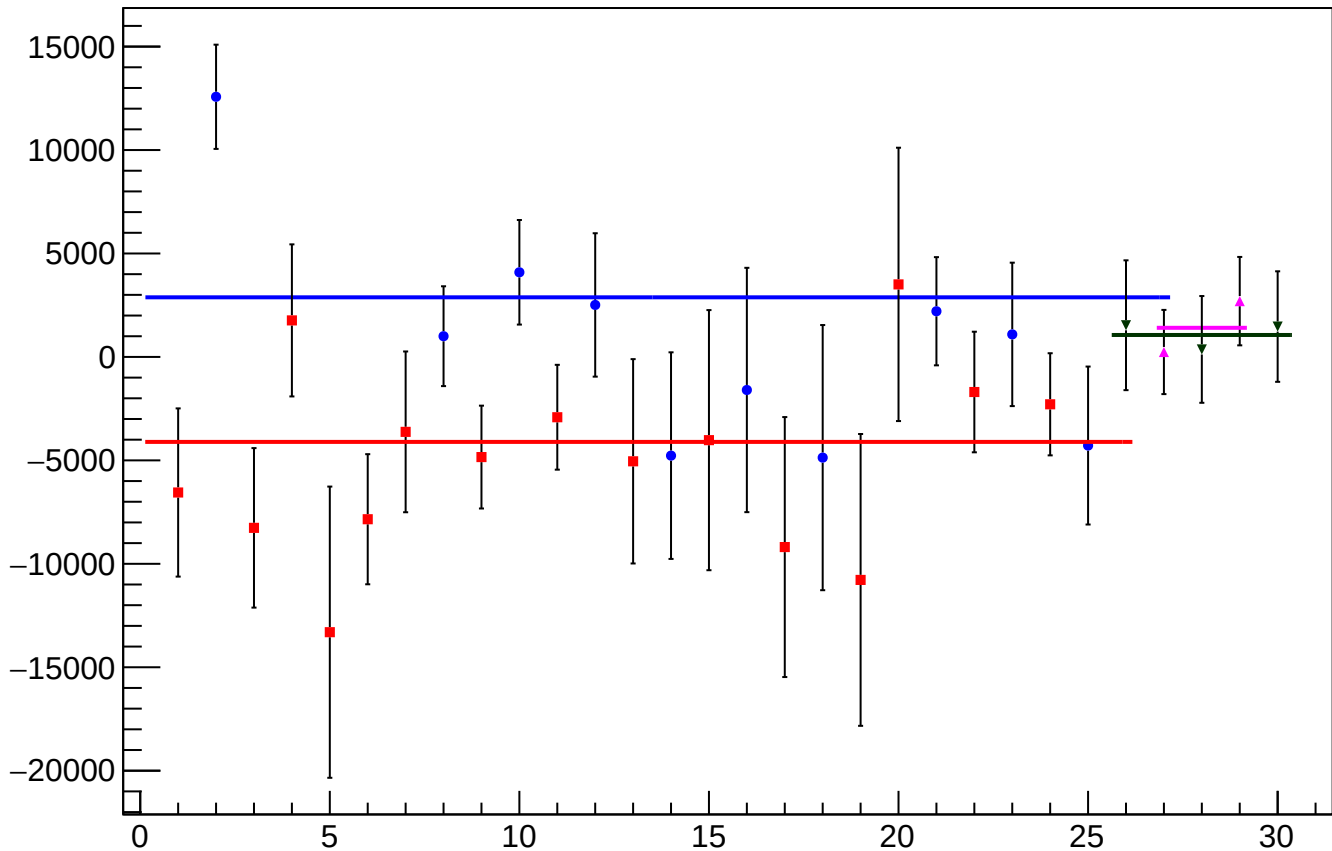
Right Out: 3371.089+/-0.906 χ^2/NDF : 311874.9/14

Left In: 2935.796+/-1.601 χ^2/NDF : 17469.2/1

3136.066+/-0.774 χ^2/NDF : 470106.3/12

3265.515+/-0.788 χ^2/NDF : 385333.6/16

asym_sam7_mean vs slug



Right In: 2881.197 ± 1020.408 $\chi^2/\text{NDF}: 23.9/9$

Left Out: 1060.901 ± 1597.312 $\chi^2/\text{NDF}: 0.1/2$

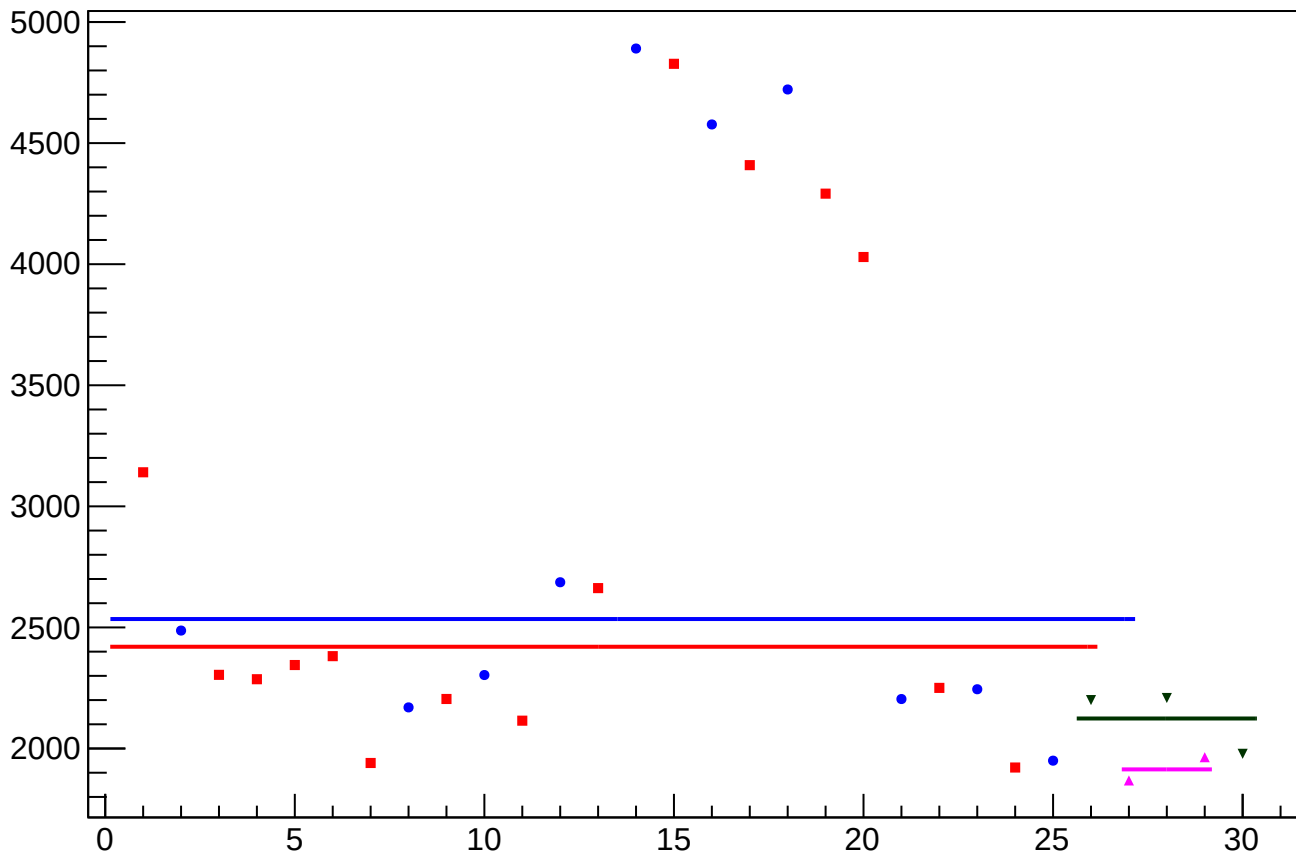
Right Out: -4107.137 ± 943.426 $\chi^2/\text{NDF}: 11.7/14$

Left In: 1407.439 ± 1473.544 $\chi^2/\text{NDF}: 0.7/1$

2353.632 ± 859.918 $\chi^2/\text{NDF}: 24.9/12$

-2503.856 ± 794.533 $\chi^2/\text{NDF}: 22.3/16$

asym_sam7_rms vs slug



Right In: 2534.645+/-0.722 χ^2/NDF : 1077275.0/9

Left Out: 2123.931+/-1.129 χ^2/NDF :9287.2/2

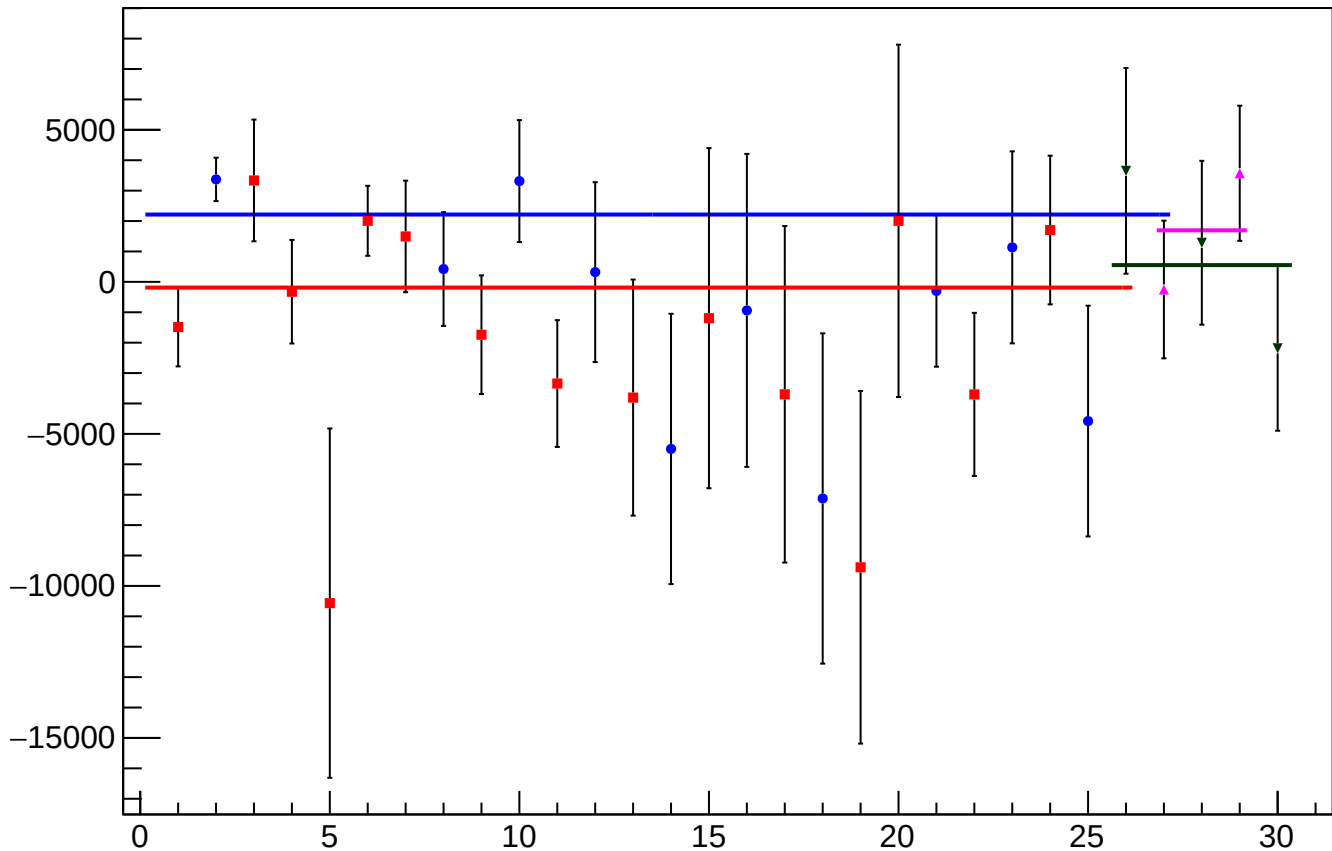
Right Out: 2420.211+/-0.667 χ^2/NDF : 988797.9/14

Left In: 1913.746+/-1.042 χ^2/NDF :2116.9/1

2415.610+/-0.608 χ^2/NDF : 1180468.4/12

2272.964+/-0.562 χ^2/NDF : 1158490.4/16

asym_sam8_mean vs slug



Right In: 2214.266 $\pm$ 571.282 χ^2 /NDF: 14.9/9

Left Out: 550.976 $\pm$ 1664.065 χ^2 /NDF: 1.9/2

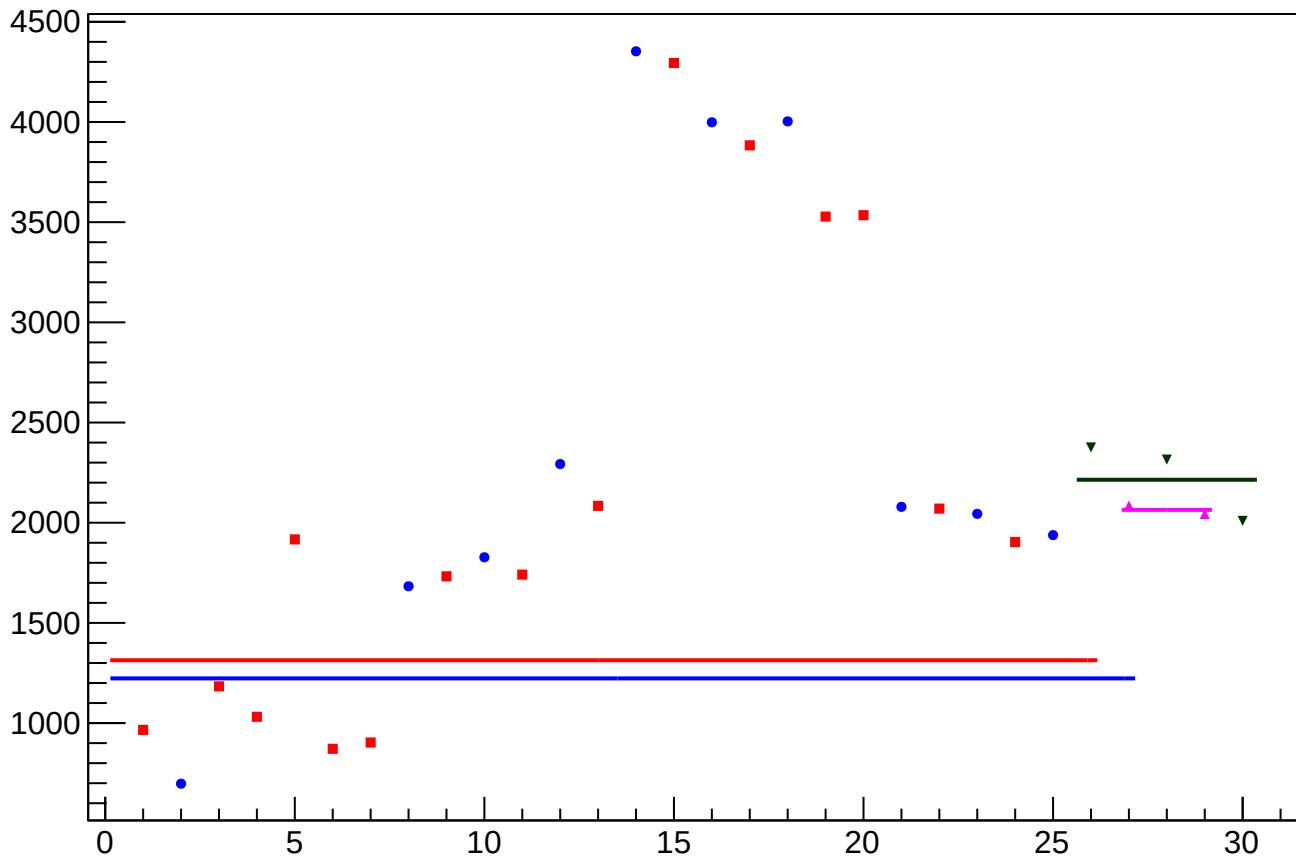
Right Out: -187.769 $\pm$ 553.669 χ^2 /NDF: 21.1/14

Left In: 1695.405 $\pm$ 1585.654 χ^2 /NDF: 1.5/1

2038.902 $\pm$ 540.327 χ^2 /NDF: 17.8/12

16.881 $\pm$ 522.720 χ^2 /NDF: 23.8/16

asym_sam8_rms vs slug



Right In: 1223.090+/-0.404 χ^2/NDF : 4188331.8/9

Left Out: 2214.508+/-1.177 χ^2/NDF :18793.3/2

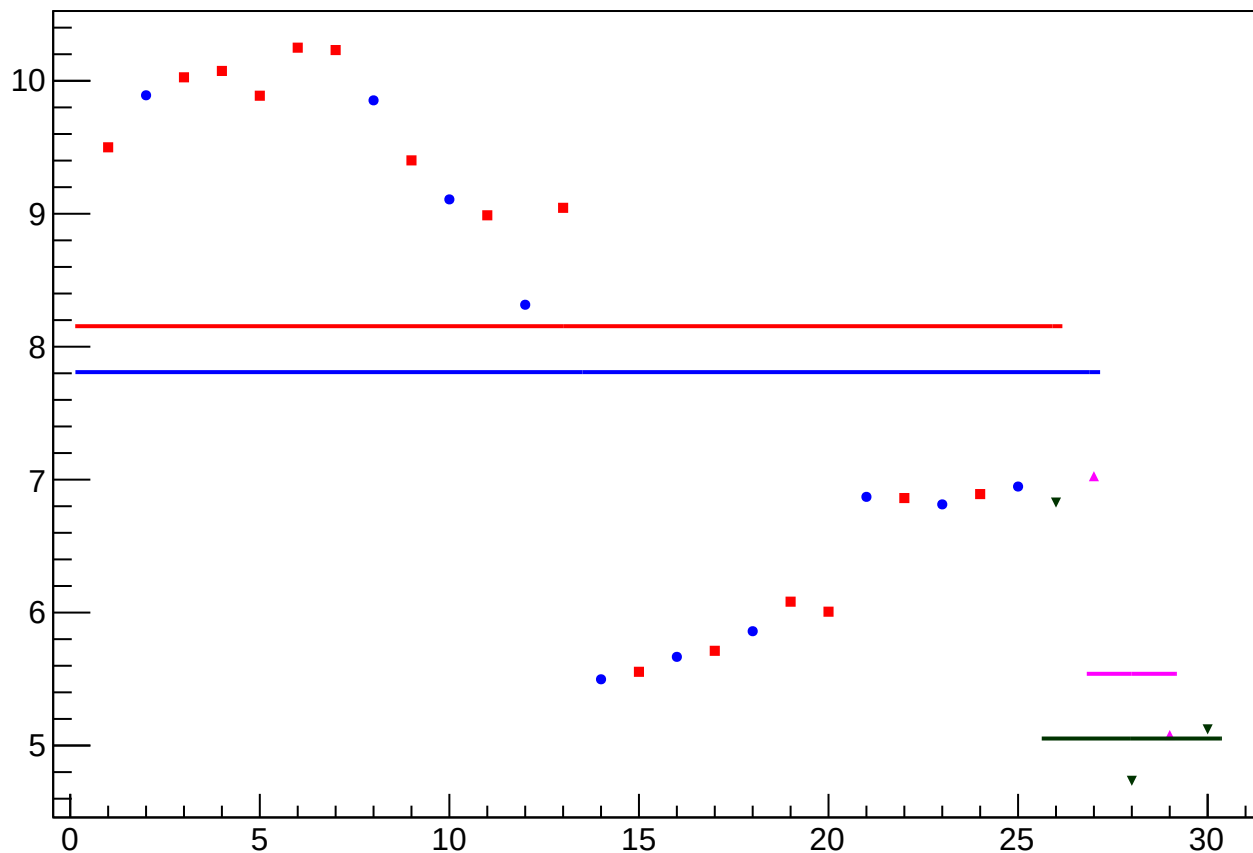
Right Out: 1313.627+/-0.392 χ^2/NDF : 2740156.6/14

Left In: 2064.184+/-1.121 χ^2/NDF :344.9/1

1327.617+/-0.382 χ^2/NDF : 4842187.3/12

1395.192+/-0.370 χ^2/NDF : 3139909.3/16

yield_sam1_mean vs slug



Right In: 7.809+/-0.000 χ^2/NDF : 45466658227.5/9

Left Out: 5.053+/-0.000 χ^2/NDF :2013207232.6/2

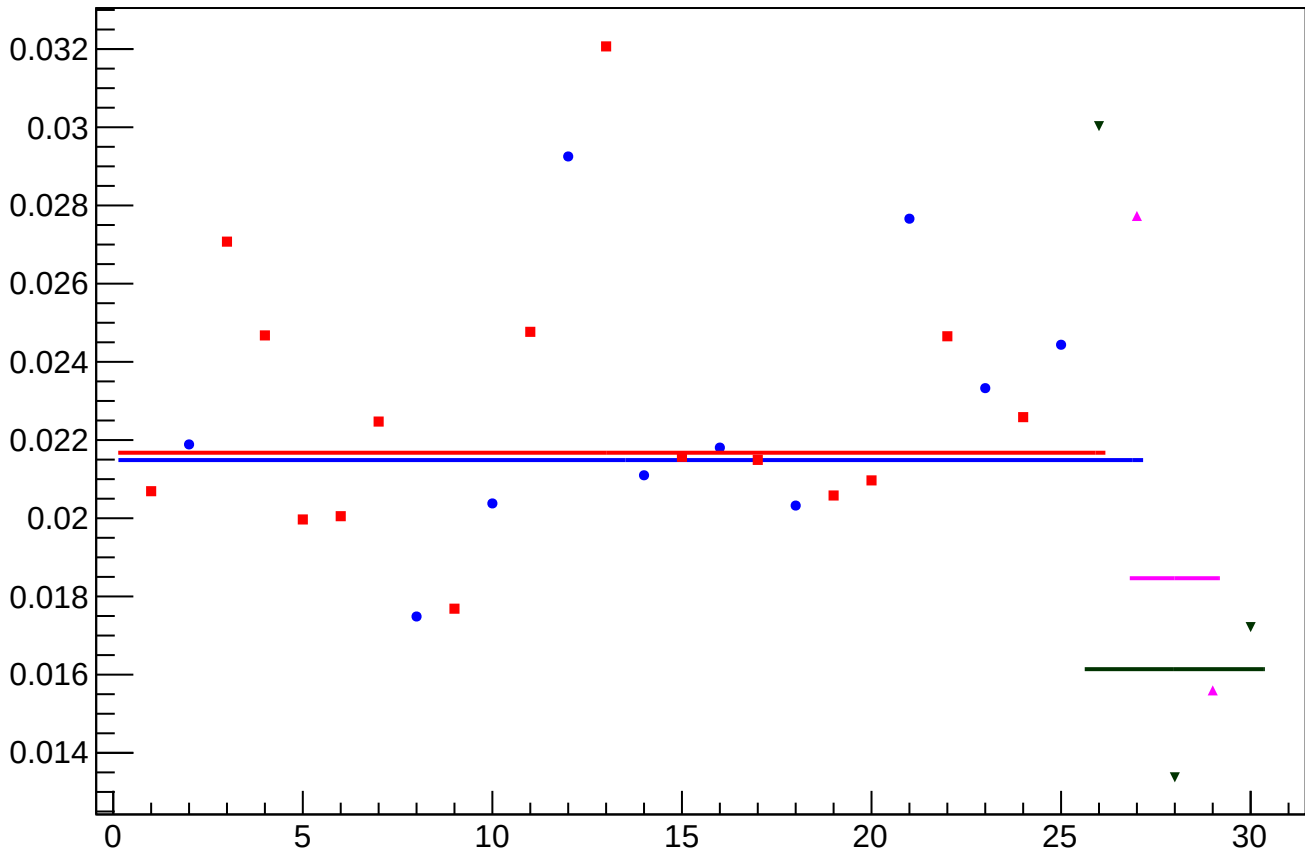
Right Out: 8.154+/-0.000 χ^2/NDF : 44421504826.8/14

Left In: 5.539+/-0.000 χ^2/NDF :2862030620.0/1

7.002+/-0.000 χ^2/NDF : 77484897983.4/12

7.551+/-0.000 χ^2/NDF : 69294732222.0/16

yield_sam1_rms vs slug



Right In: 0.021+/-0.000 χ^2/NDF : 248733.2/9

Left Out: 0.016+/-0.000 χ^2/NDF :259235.8/2

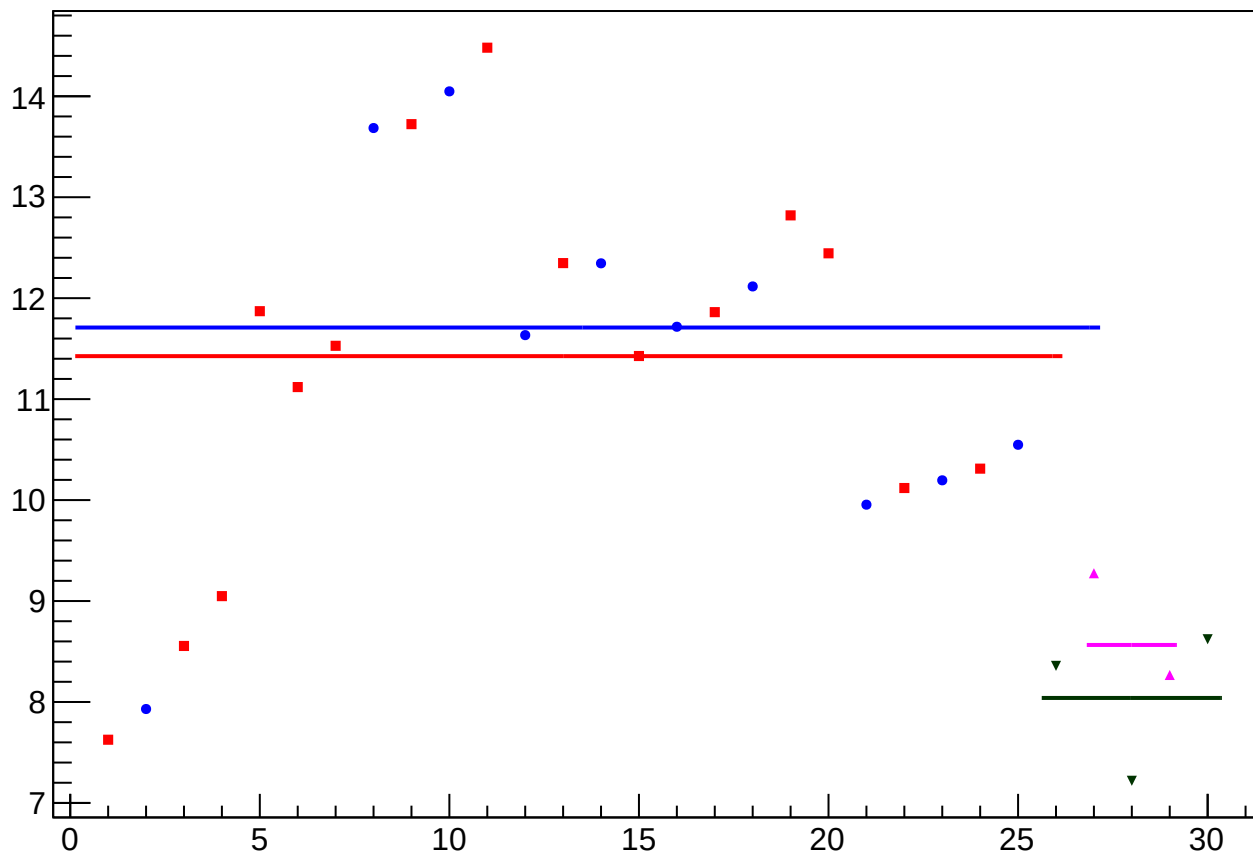
0.020+/-0.000 χ^2/NDF : 733875.9/12

Right Out: 0.022+/-0.000 χ^2/NDF : 219887.8/14

0.021+/-0.000 χ^2/NDF : 508609.4/16

Left In: 0.018+/-0.000 χ^2/NDF :222402.6/1

yield_sam2_mean vs slug



Right In: 11.709 ± 0.000 χ^2/NDF : 695462693.3/9

Left Out: 8.040 ± 0.000 χ^2/NDF : 36416344.5/2

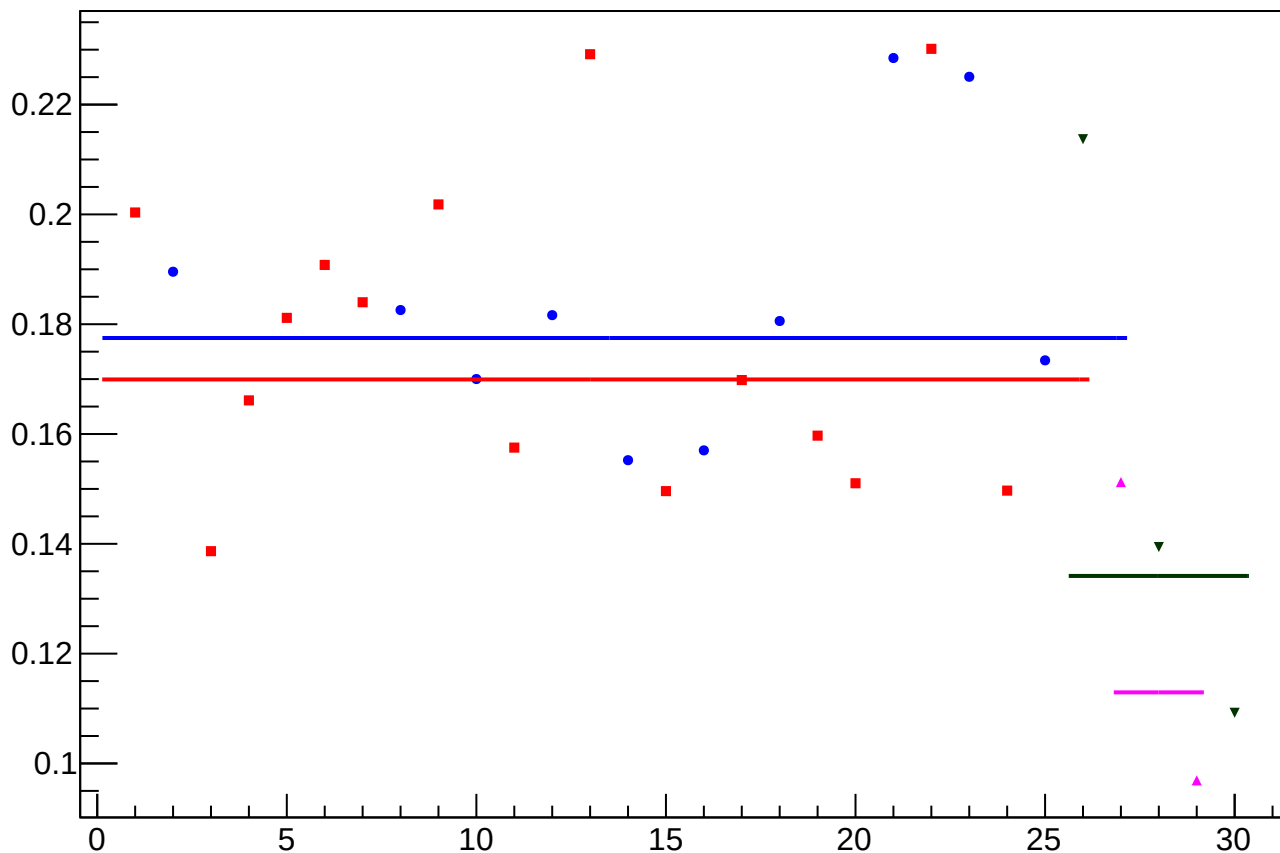
Right Out: 11.426 ± 0.000 χ^2/NDF : 855901395.8/14

Left In: 8.565 ± 0.000 χ^2/NDF : 24511750.6/1

10.639 ± 0.000 χ^2/NDF : 1522250289.6/12

10.464 ± 0.000 χ^2/NDF : 1511053149.9/16

yield_sam2_rms vs slug



Right In: 0.177+/-0.000 χ^2/NDF : 171480.4/9

Left Out: 0.134+/-0.000 χ^2/NDF :183206.6/2

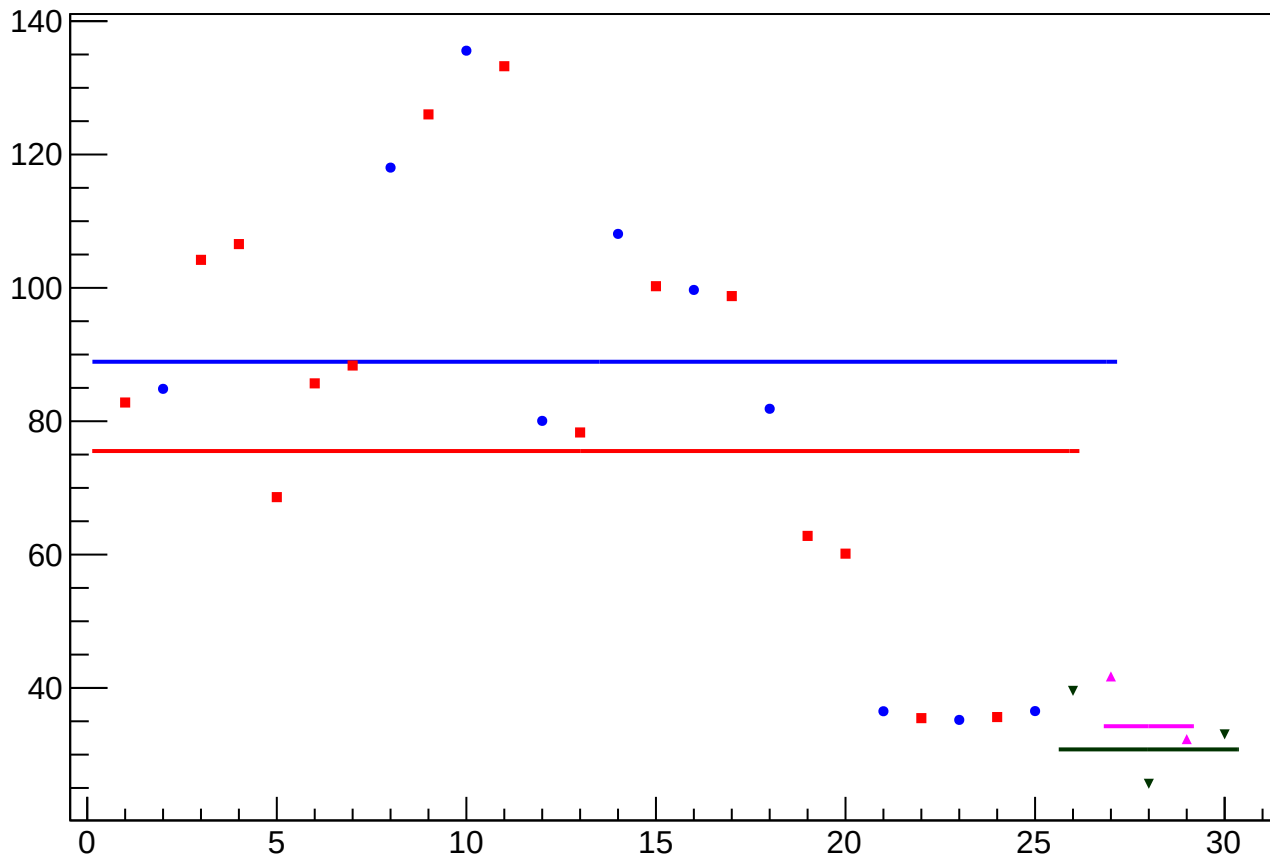
Right Out: 0.170+/-0.000 χ^2/NDF : 296115.5/14

Left In: 0.113+/-0.000 χ^2/NDF :142523.8/1

0.165+/-0.000 χ^2/NDF : 575191.9/12

0.151+/-0.000 χ^2/NDF : 939217.9/16

yield_sam3_mean vs slug



Right In: 88.920+/-0.000 χ^2/NDF : 5696165034.0/9

Left Out: 30.782+/-0.001 χ^2/NDF : 65994926.0/2

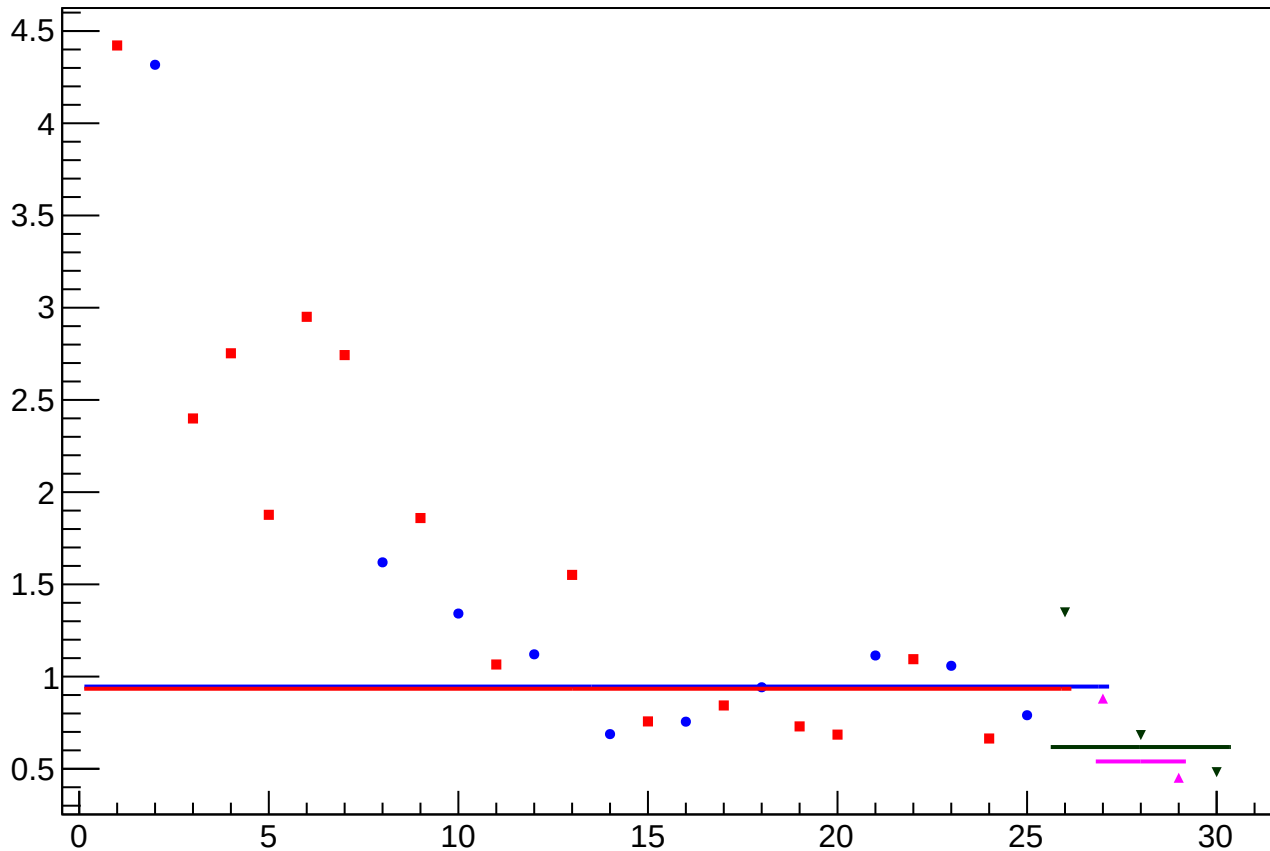
Right Out: 75.530+/-0.000 χ^2/NDF : 6733683216.5/14

Left In: 34.260+/-0.000 χ^2/NDF : 67529675.1/1

67.107+/-0.000 χ^2/NDF : 13430557660.5/12

57.548+/-0.000 χ^2/NDF : 11298370153.6/16

yield_sam3_rms vs slug



Right In: 0.946 ± 0.000 χ^2/NDF : 1970093.3/9

Left Out: 0.618 ± 0.000 χ^2/NDF : 365662.4/2

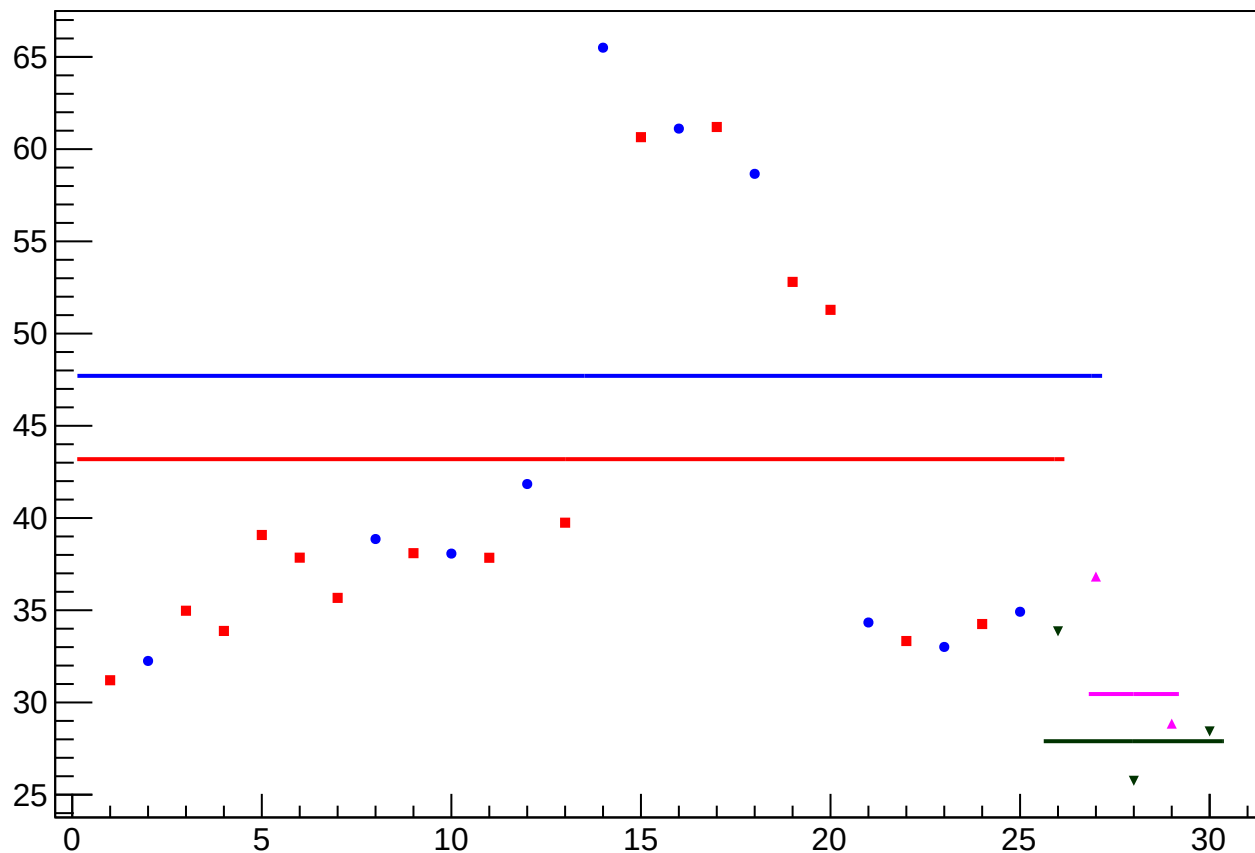
0.823 ± 0.000 χ^2/NDF : 2823378.0/12

Right Out: 0.934 ± 0.000 χ^2/NDF : 2898657.4/14

0.762 ± 0.000 χ^2/NDF : 4001134.2/16

Left In: 0.540 ± 0.000 χ^2/NDF : 281461.3/1

yield_sam4_mean vs slug



Right In: 47.708+/-0.000 χ^2/NDF : 5381592893.4/9

Left Out: 27.899+/-0.000 χ^2/NDF : 58124553.1/2

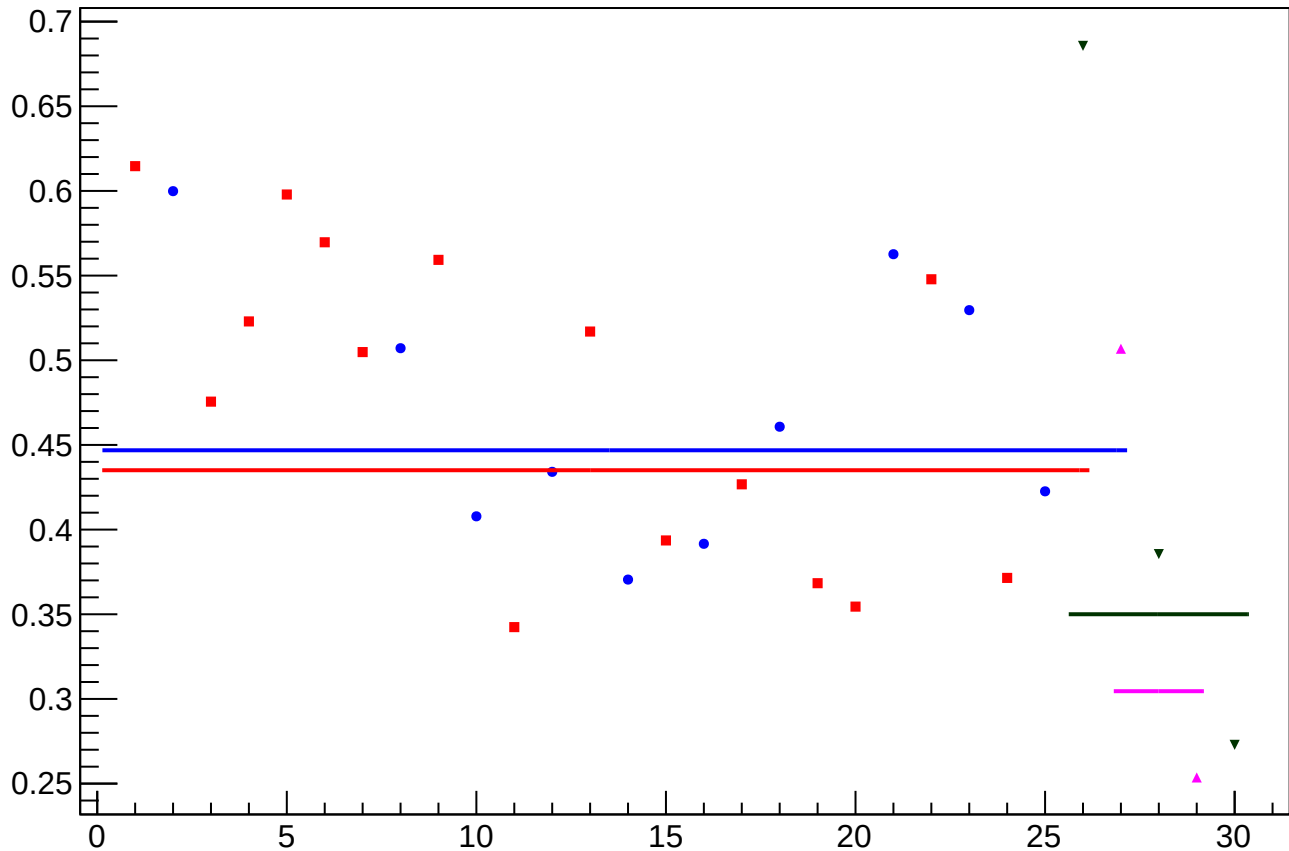
Right Out: 43.191+/-0.000 χ^2/NDF : 3689284811.3/14

Left In: 30.457+/-0.000 χ^2/NDF : 149750489.0/1

42.233+/-0.000 χ^2/NDF : 8810170145.8/12

39.363+/-0.000 χ^2/NDF : 5500767730.1/16

yield_sam4_rms vs slug



Right In: 0.447 $\pm$ 0.000 χ^2 /NDF: 335438.5/9

Left Out: 0.350 $\pm$ 0.000 χ^2 /NDF:316394.5/2

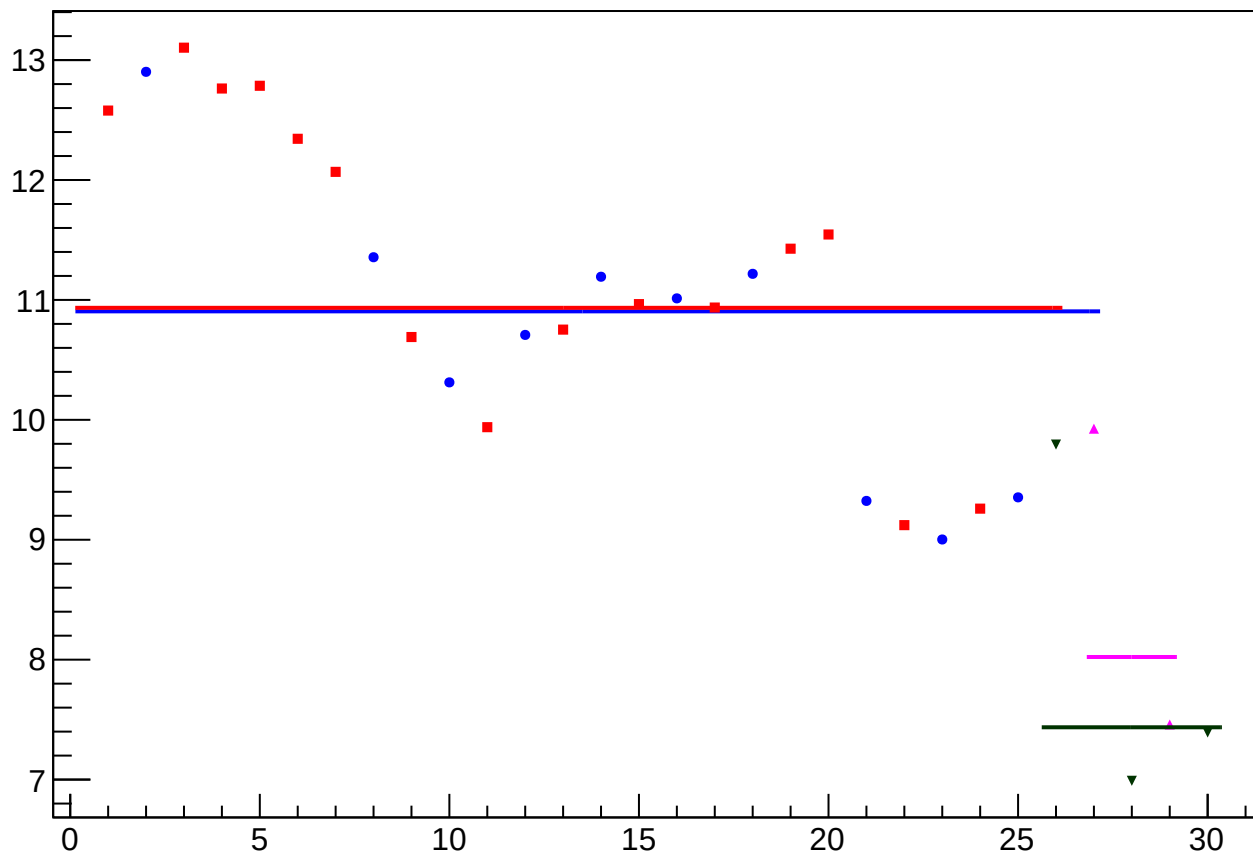
Right Out: 0.435 $\pm$ 0.000 χ^2 /NDF: 541786.5/14

Left In: 0.305 $\pm$ 0.000 χ^2 /NDF:301849.3/1

0.420 $\pm$ 0.000 χ^2 /NDF: 812893.0/12

0.396 $\pm$ 0.000 χ^2 /NDF: 1192614.6/16

yield_sam5_mean vs slug



Right In: 10.905+/-0.000 χ^2/NDF : 8540455548.3/9

Left Out: 7.436+/-0.000 χ^2/NDF : 2065248029.3/2

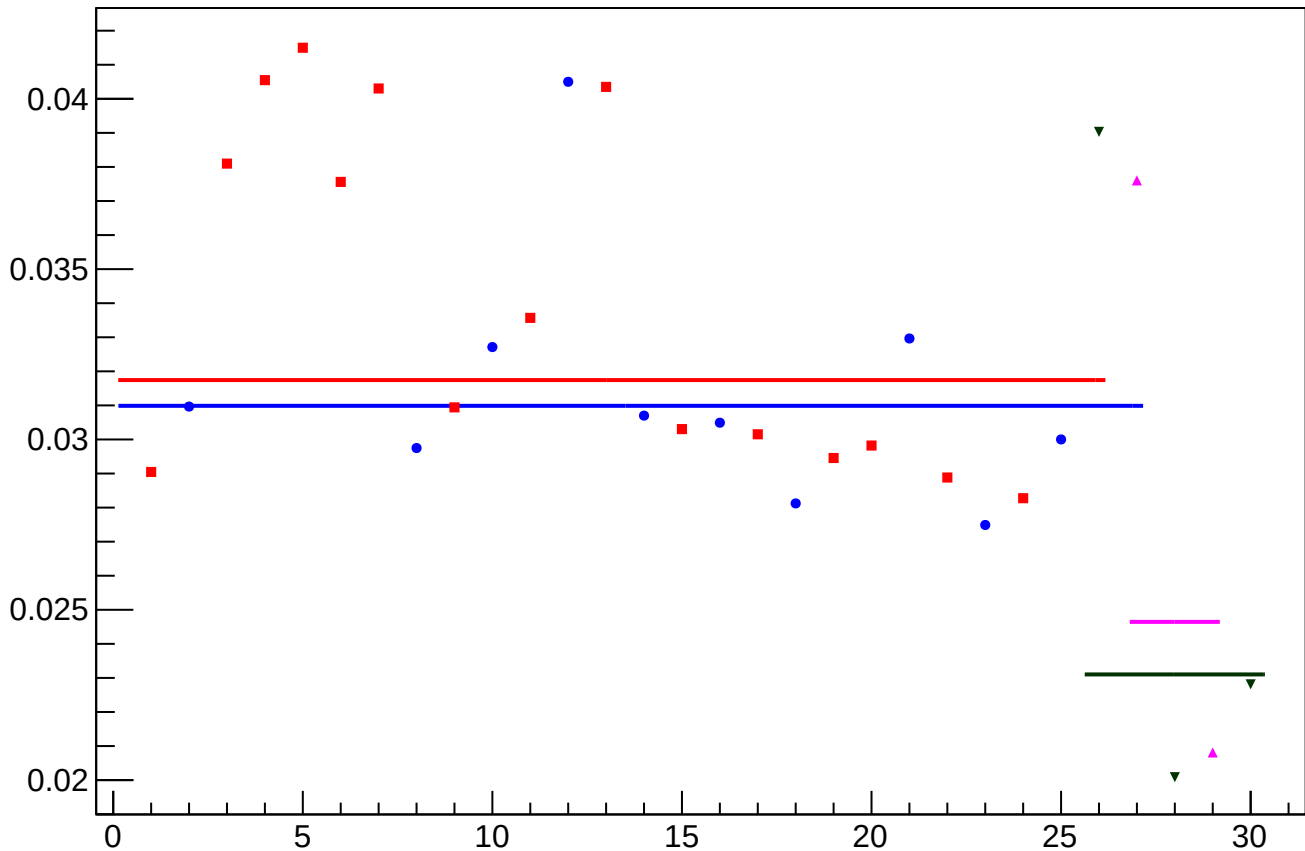
Right Out: 10.934+/-0.000 χ^2/NDF : 9830891593.5/14

Left In: 8.022+/-0.000 χ^2/NDF : 2501050743.0/1

9.852+/-0.000 χ^2/NDF : 34637898245.7/12

10.170+/-0.000 χ^2/NDF : 26921158056.3/16

yield_sam5_rms vs slug



Right In: 0.031+/-0.000 χ^2/NDF : 102193.4/9

Left Out: 0.023+/-0.000 χ^2/NDF : 188539.0/2

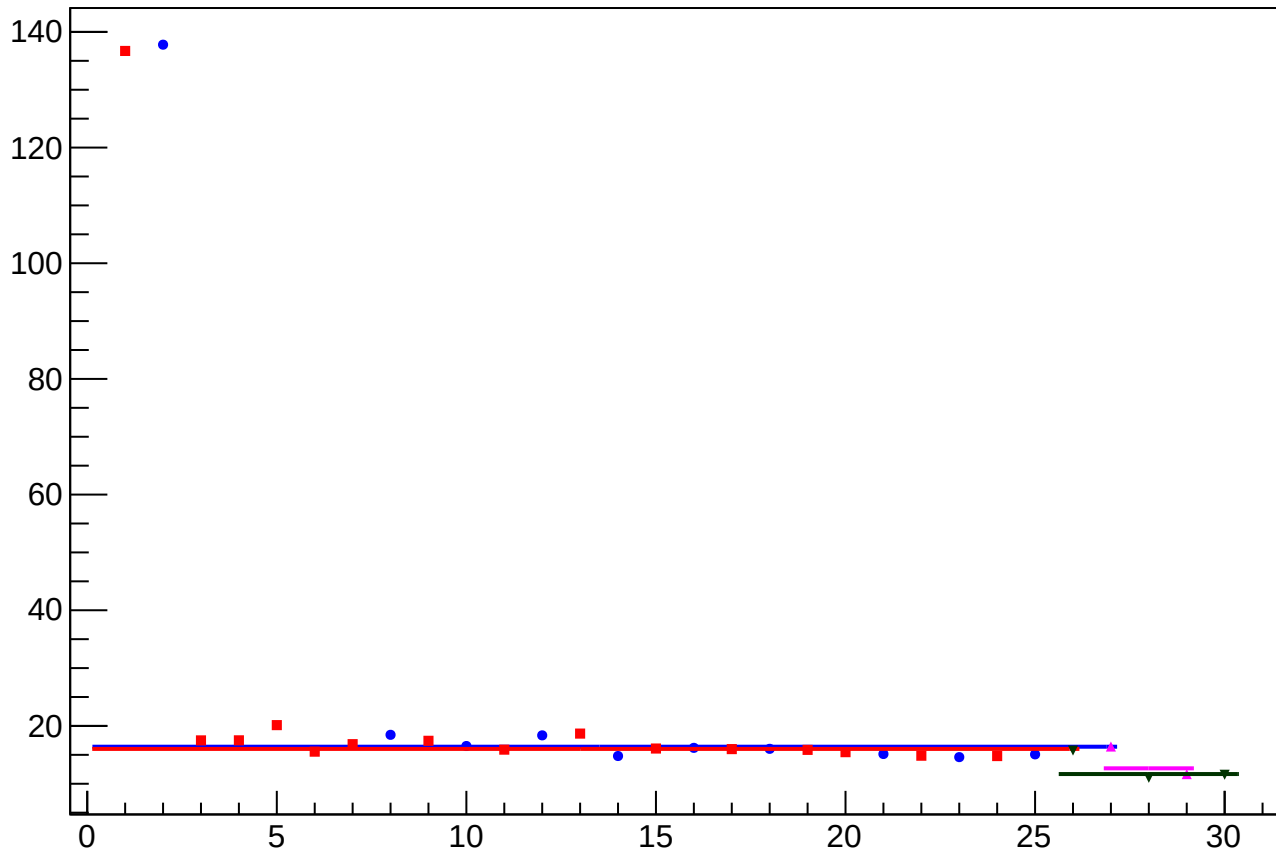
Right Out: 0.032+/-0.000 χ^2/NDF : 192206.3/14

Left In: 0.025+/-0.000 χ^2/NDF : 231748.6/1

0.029+/-0.000 χ^2/NDF : 539123.0/12

0.030+/-0.000 χ^2/NDF : 597362.5/16

yield_sam6_mean vs slug



Right In: 16.405+/-0.000 χ^2/NDF : 18826948375.5/9

Left Out: 11.680+/-0.000 χ^2/NDF : 401740525.5/2

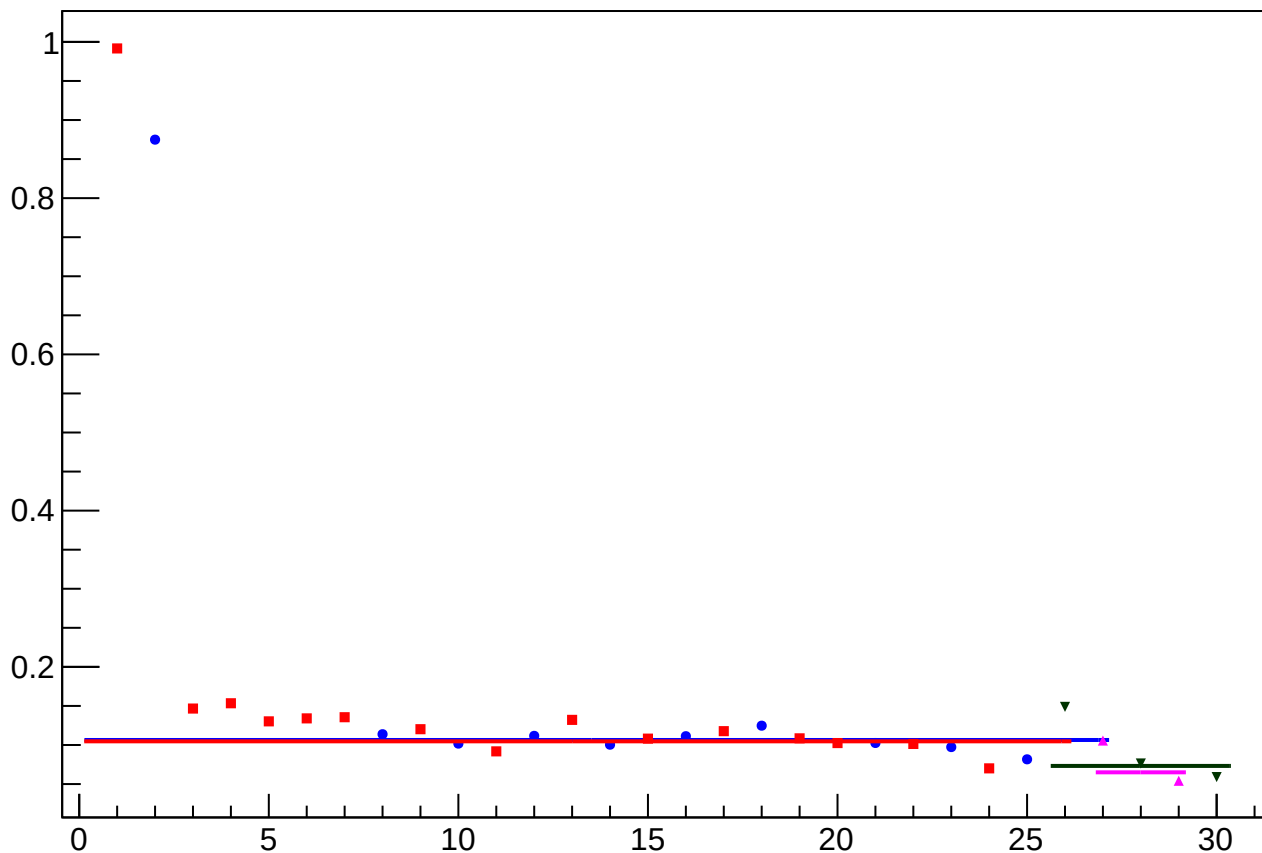
Right Out: 16.025+/-0.000 χ^2/NDF : 8140088210.0/14

Left In: 12.669+/-0.000 χ^2/NDF : 1253190091.9/1

14.764+/-0.000 χ^2/NDF : 23111890599.5/12

14.764+/-0.000 χ^2/NDF : 11727840866.4/16

yield_sam6_rms vs slug



Right In: 0.106+/-0.000 χ^2/NDF : 1528822.4/9

Left Out: 0.073+/-0.000 χ^2/NDF : 303186.1/2

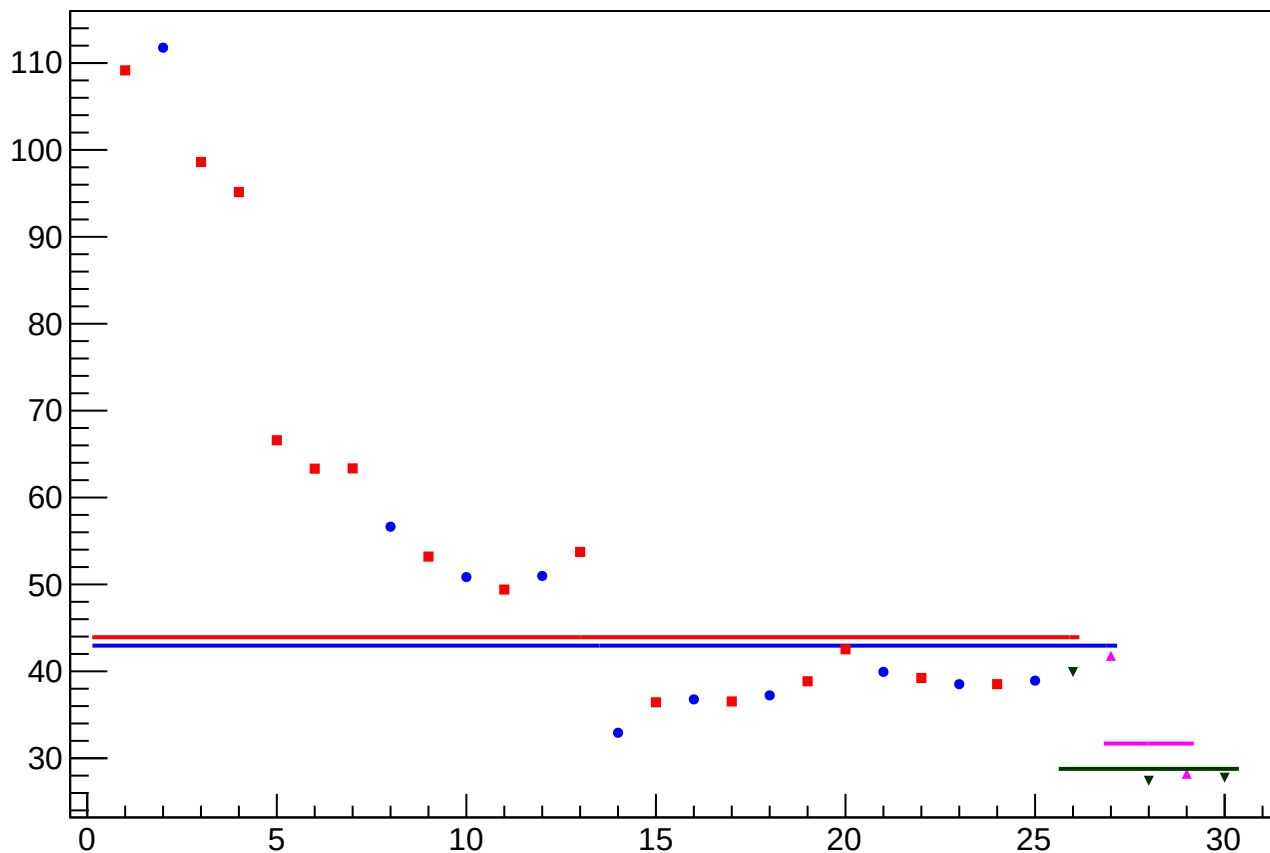
Right Out: 0.105+/-0.000 χ^2/NDF : 1387202.3/14

Left In: 0.065+/-0.000 χ^2/NDF : 291730.2/1

0.095+/-0.000 χ^2/NDF : 2215158.1/12

0.090+/-0.000 χ^2/NDF : 2331678.0/16

yield_sam7_mean vs slug



Right In: 42.956+/-0.000 χ^2/NDF : 15028297243.2/9

Left Out: 28.778+/-0.000 χ^2/NDF :1507875451.1/2

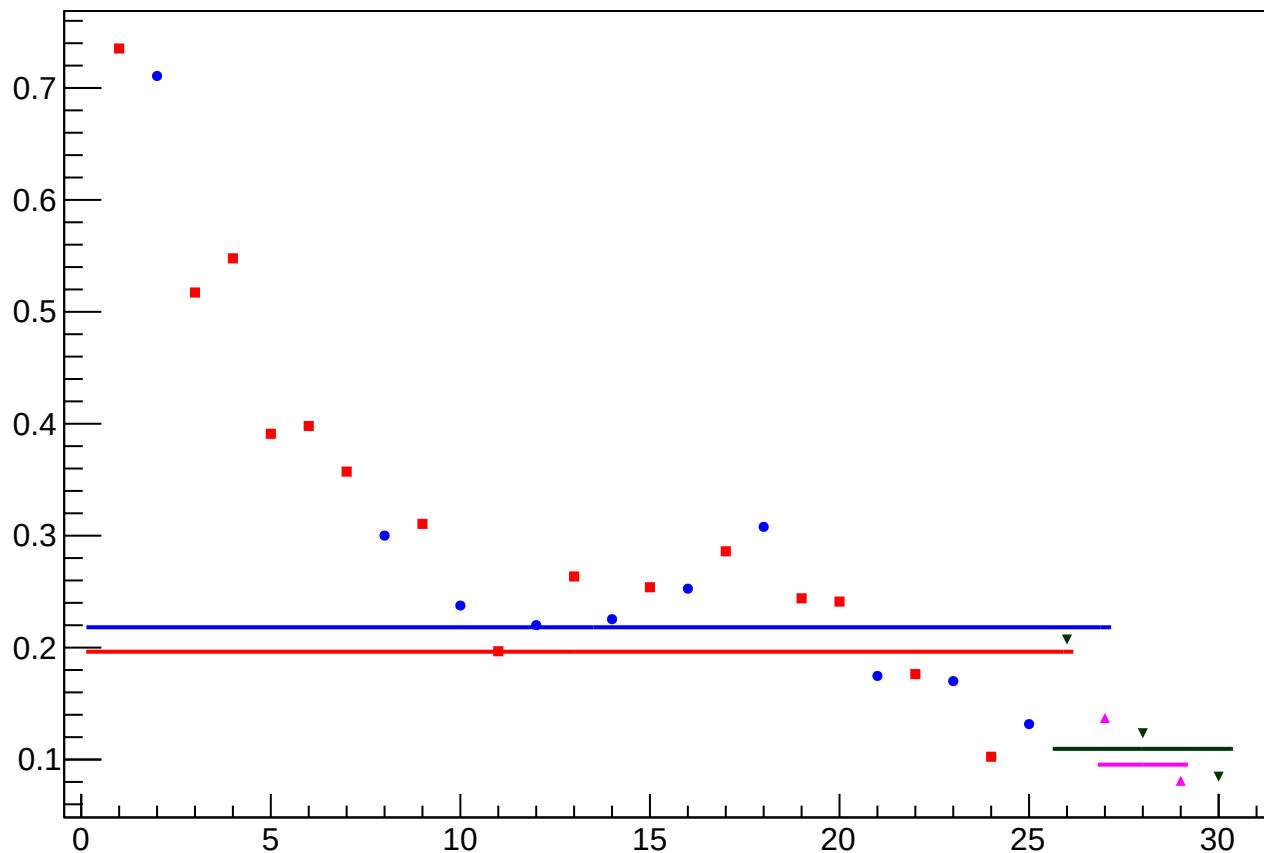
Right Out: 43.927+/-0.000 χ^2/NDF : 17702439446.1/14

Left In: 31.694+/-0.000 χ^2/NDF :5425742184.2/1

35.915+/-0.000 χ^2/NDF : 28378234121.7/12

37.424+/-0.000 χ^2/NDF : 33969853144.7/16

yield_sam7_rms vs slug



Right In: 0.218+/-0.000 χ^2/NDF : 1491155.4/9

Left Out: 0.110+/-0.000 χ^2/NDF : 306572.6/2

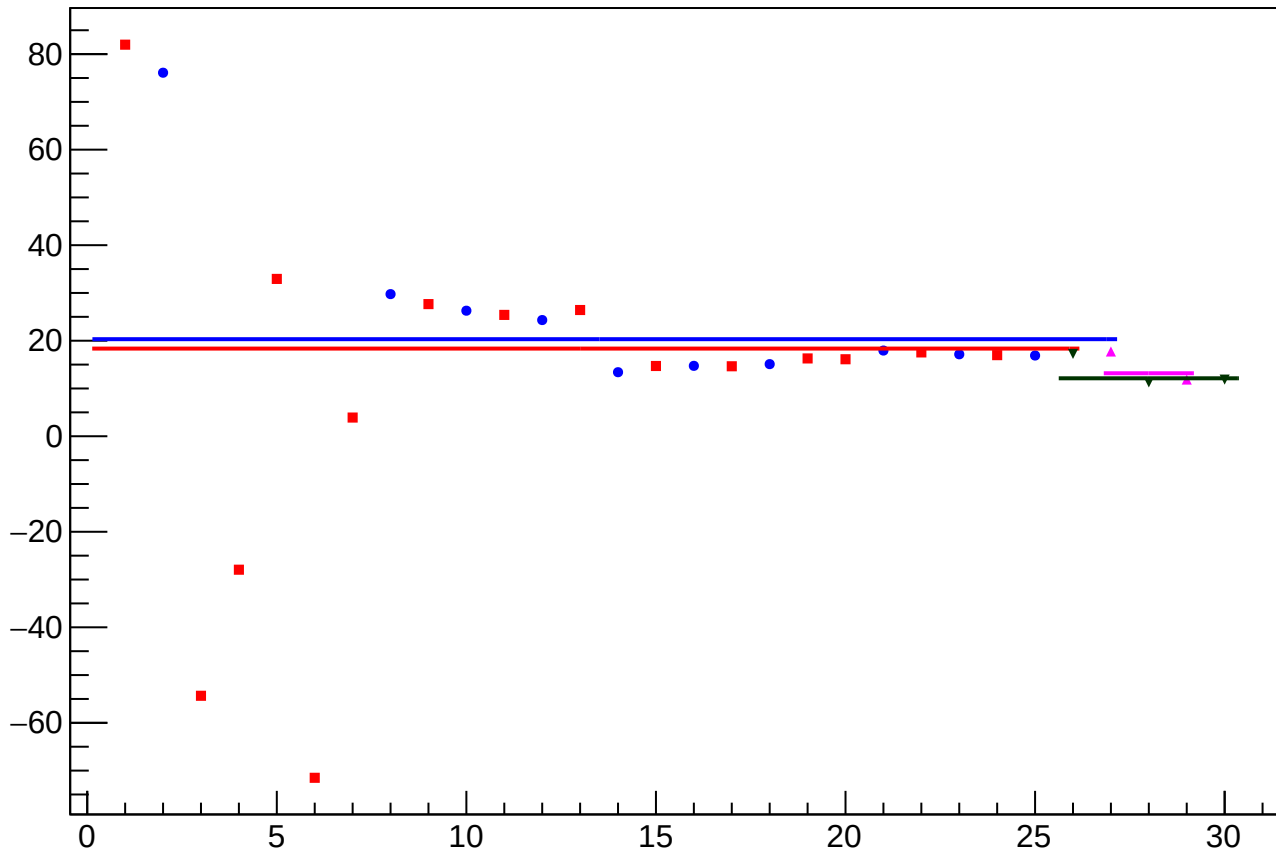
Right Out: 0.196+/-0.000 χ^2/NDF : 2891739.5/14

Left In: 0.095+/-0.000 χ^2/NDF : 185235.3/1

0.164+/-0.000 χ^2/NDF : 3188131.4/12

0.143+/-0.000 χ^2/NDF : 4551538.5/16

yield_sam8_mean vs slug



Right In: 20.322+/-0.000 χ^2/NDF : 81171873404.2/9

Left Out: 12.132+/-0.000 χ^2/NDF : 1417813785.3/2

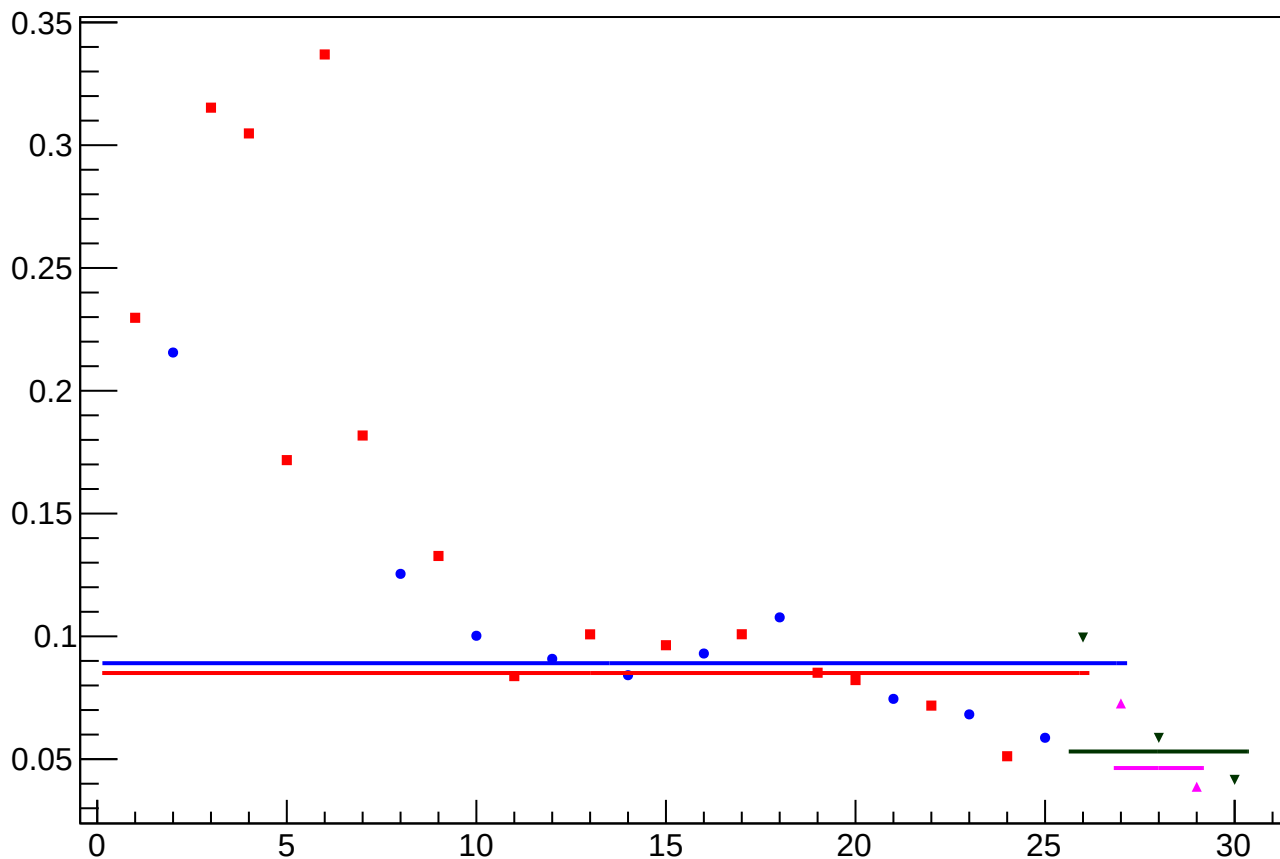
16.902+/-0.000 χ^2/NDF : 103143367497.3/12

Right Out: 18.353+/-0.000 χ^2/NDF : 115301520929.4/14

15.921+/-0.000 χ^2/NDF : 128378607971.8/16

Left In: 13.187+/-0.000 χ^2/NDF : 3902945311.2/1

yield_sam8_rms vs slug



Right In: 0.089+/-0.000 χ^2/NDF : 1077937.0/9

Left Out: 0.053+/-0.000 χ^2/NDF : 295166.0/2

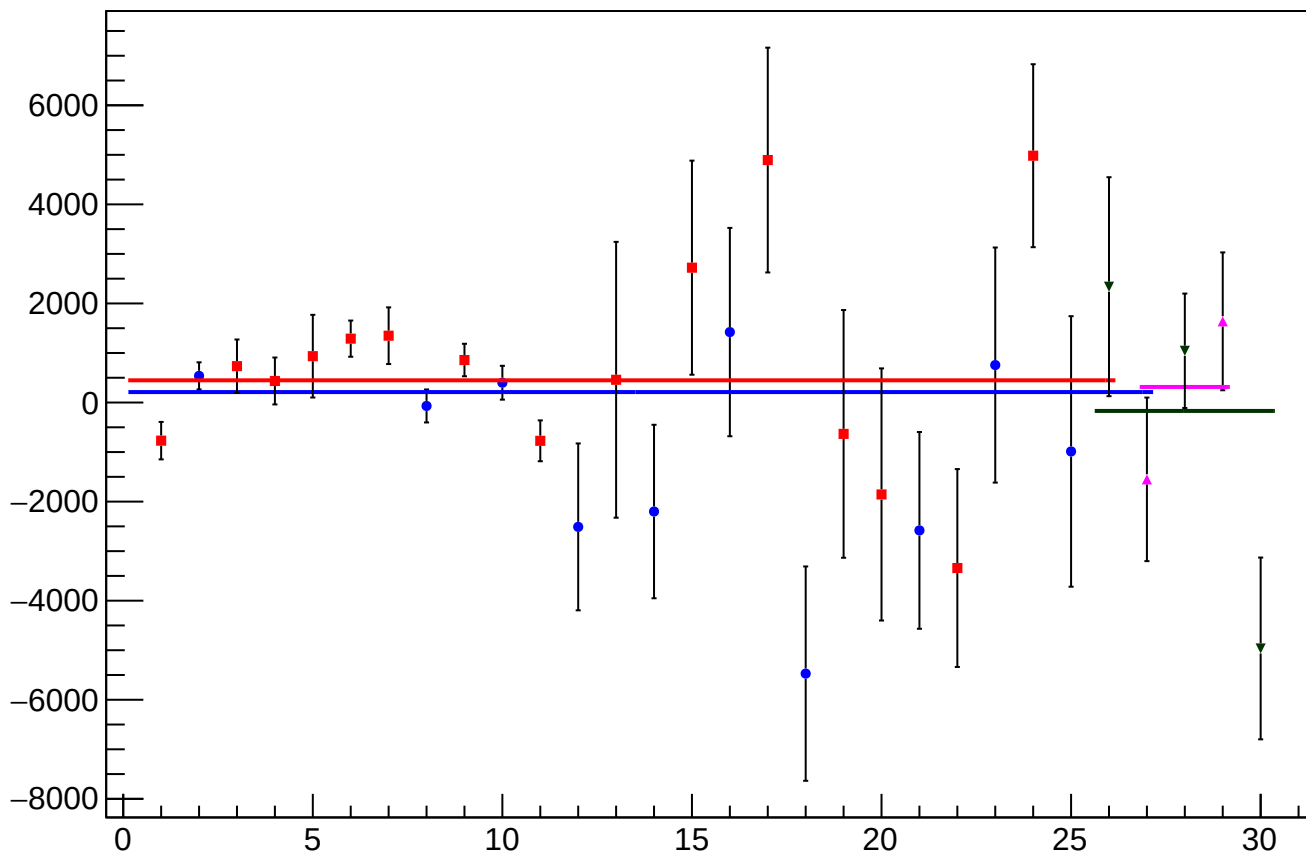
Right Out: 0.085+/-0.000 χ^2/NDF : 2623226.8/14

Left In: 0.046+/-0.000 χ^2/NDF : 260084.4/1

0.074+/-0.000 χ^2/NDF : 2165541.7/12

0.067+/-0.000 χ^2/NDF : 3912322.5/16

cor_sam1_mean vs slug



Right In: 211.046 $\pm$ 174.989 χ^2 /NDF: 16.4/9

Left Out: -169.701 $\pm$ 893.811 χ^2 /NDF: 9.2/2

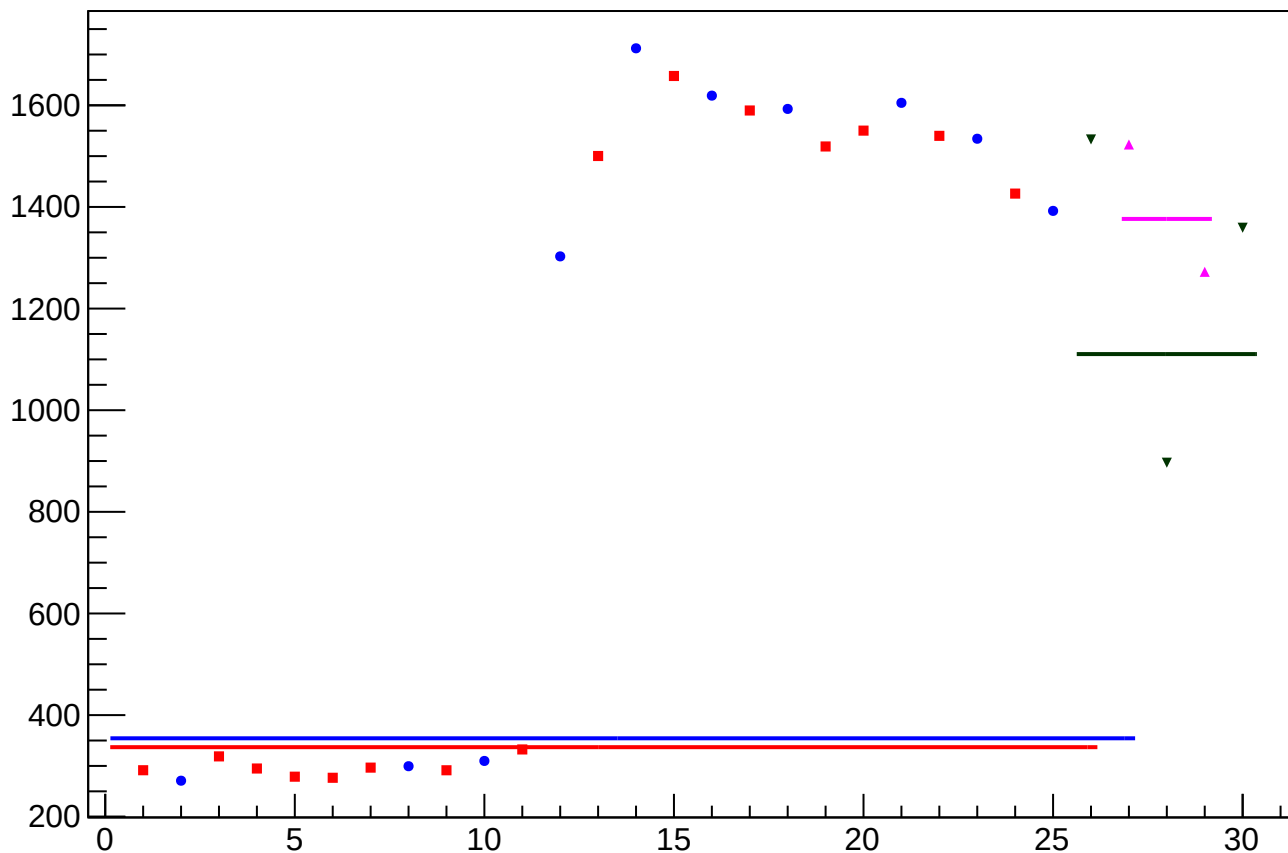
Right Out: 448.265 $\pm$ 151.682 χ^2 /NDF: 44.7/14

Left In: 314.193 $\pm$ 1063.876 χ^2 /NDF: 2.2/1

196.991 $\pm$ 171.729 χ^2 /NDF: 25.8/12

445.594 $\pm$ 150.164 χ^2 /NDF: 46.9/16

cor_sam1_rms vs slug



Right In: 354.376+/-0.124 χ^2/NDF : 5066593.3/9

Left Out: 1110.455+/-0.632 χ^2/NDF :178300.7/2

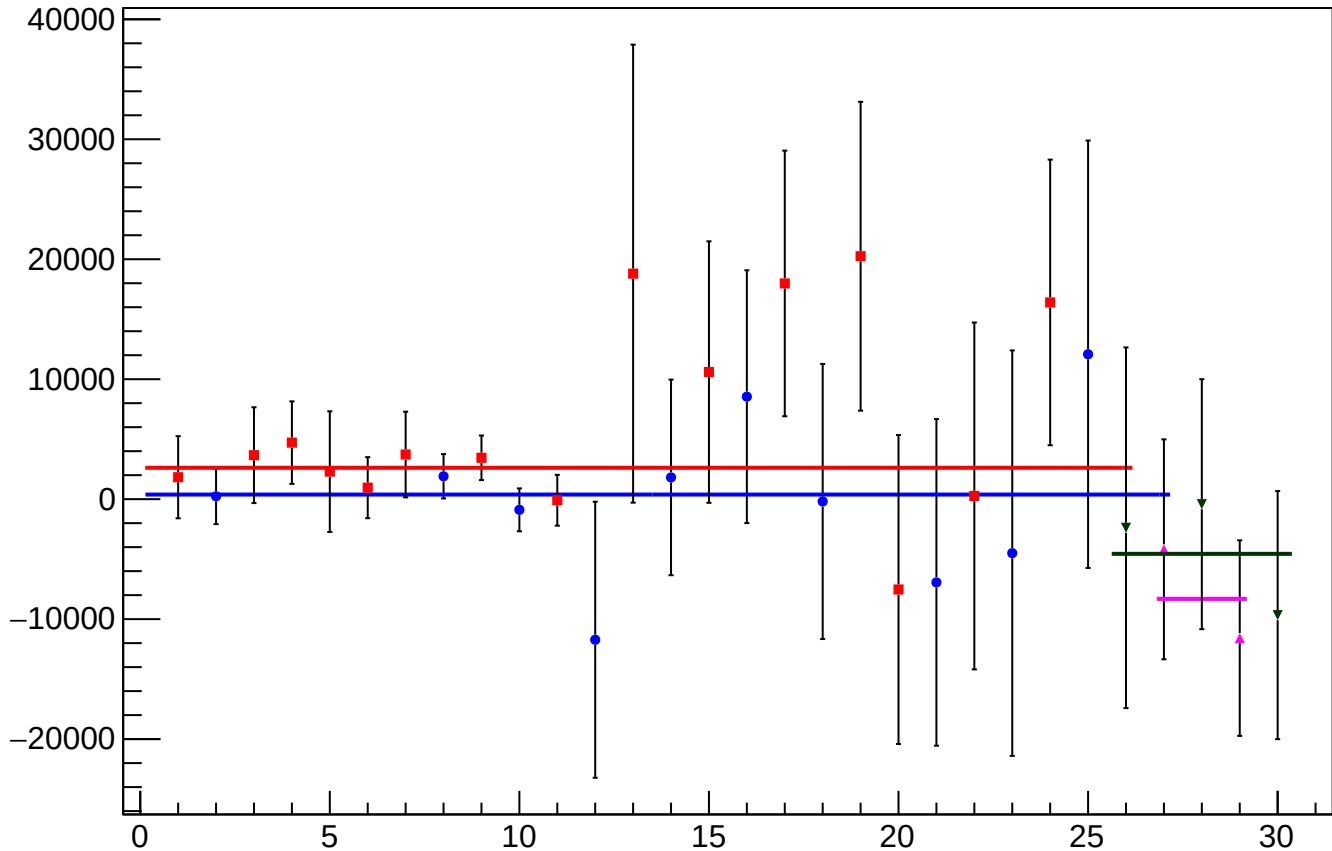
Right Out: 336.907+/-0.107 χ^2/NDF : 4189110.2/14

Left In: 1376.420+/-0.752 χ^2/NDF :26938.5/1

382.286+/-0.121 χ^2/NDF : 6623176.8/12

357.617+/-0.106 χ^2/NDF : 6087455.1/16

cor_sam2_mean vs slug



Right In: 383.751 ± 1089.531 $\chi^2/\text{NDF}: 3.7/9$

Left Out: -4557.577 ± 6595.253 $\chi^2/\text{NDF}: 0.4/2$

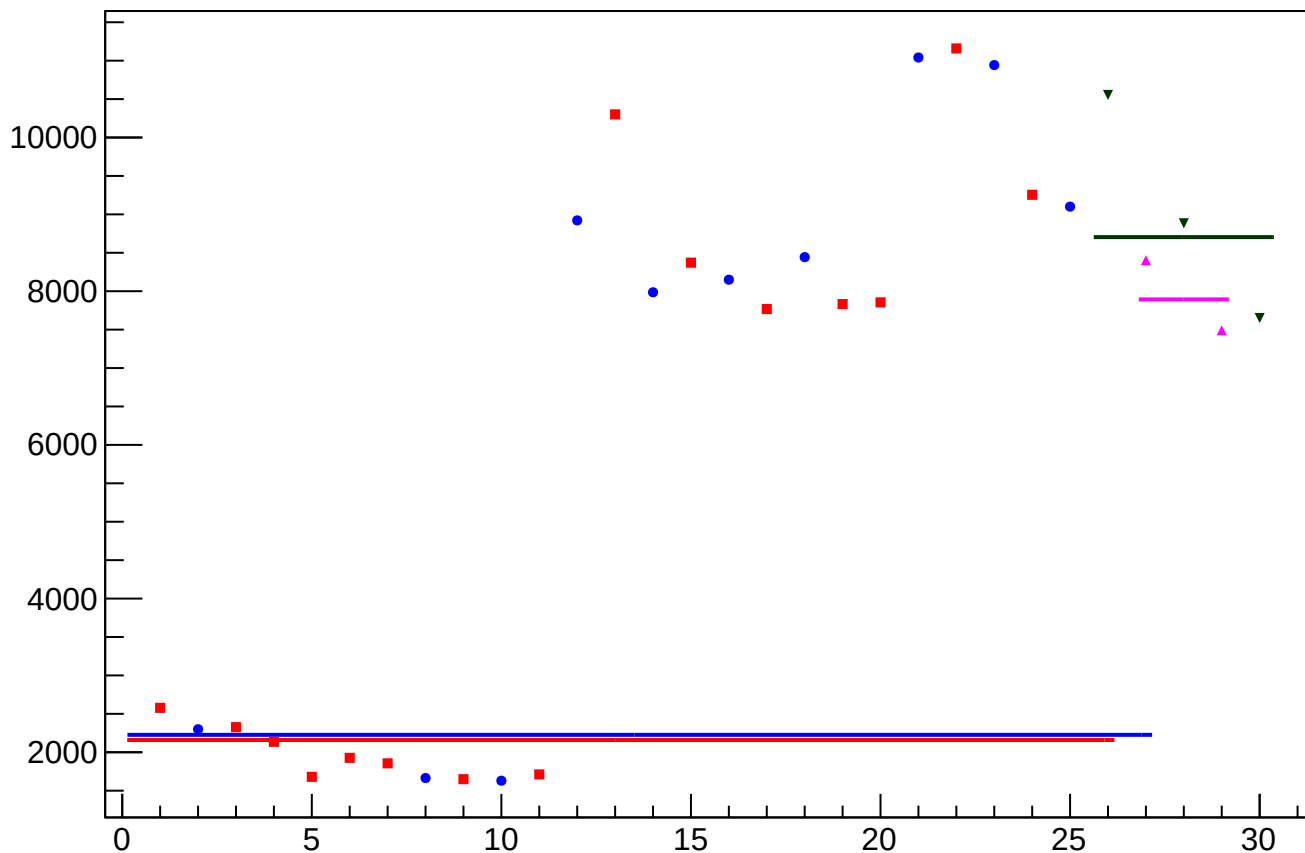
Right Out: 2616.786 ± 970.738 $\chi^2/\text{NDF}: 9.9/14$

Left In: -8315.182 ± 6091.385 $\chi^2/\text{NDF}: 0.4/1$

252.481 ± 1074.962 $\chi^2/\text{NDF}: 4.7/12$

2346.029 ± 958.642 $\chi^2/\text{NDF}: 13.4/16$

cor_sam2_rms vs slug



Right In: 2226.737+/-0.770 χ^2/NDF : 4973263.3/9

Left Out: 8703.811+/-4.664 χ^2/NDF : 51624.0/2

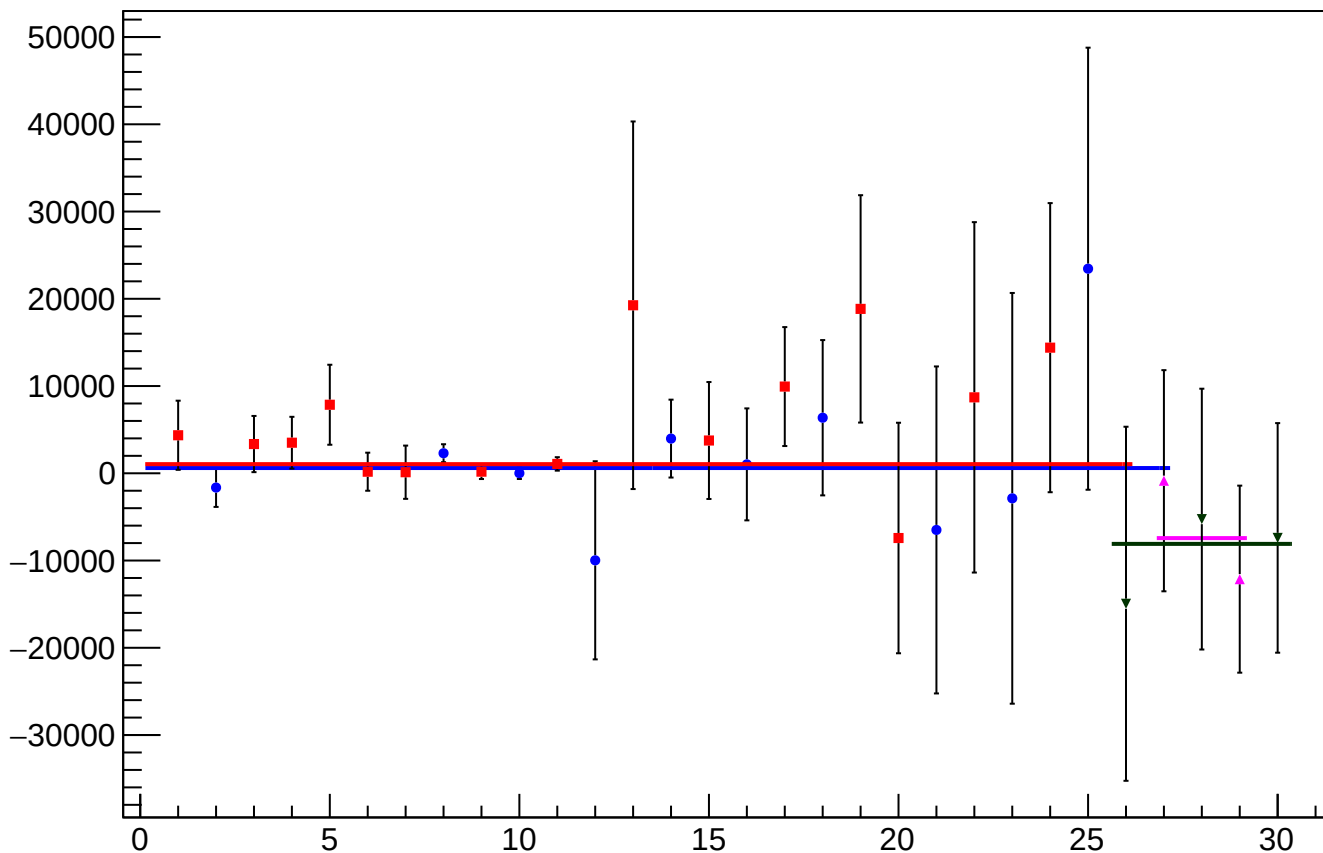
Right Out: 2159.609+/-0.686 χ^2/NDF : 4115901.0/14

Left In: 7893.309+/-4.307 χ^2/NDF : 11037.9/1

2398.806+/-0.760 χ^2/NDF : 6902609.6/12

2301.618+/-0.678 χ^2/NDF : 5855067.7/16

cor_sam3_mean vs slug



Right In: 601.134+/-534.182 χ^2/NDF : 7.4/9

Left Out: -8091.640+/-8879.761 χ^2/NDF : 0.2/2

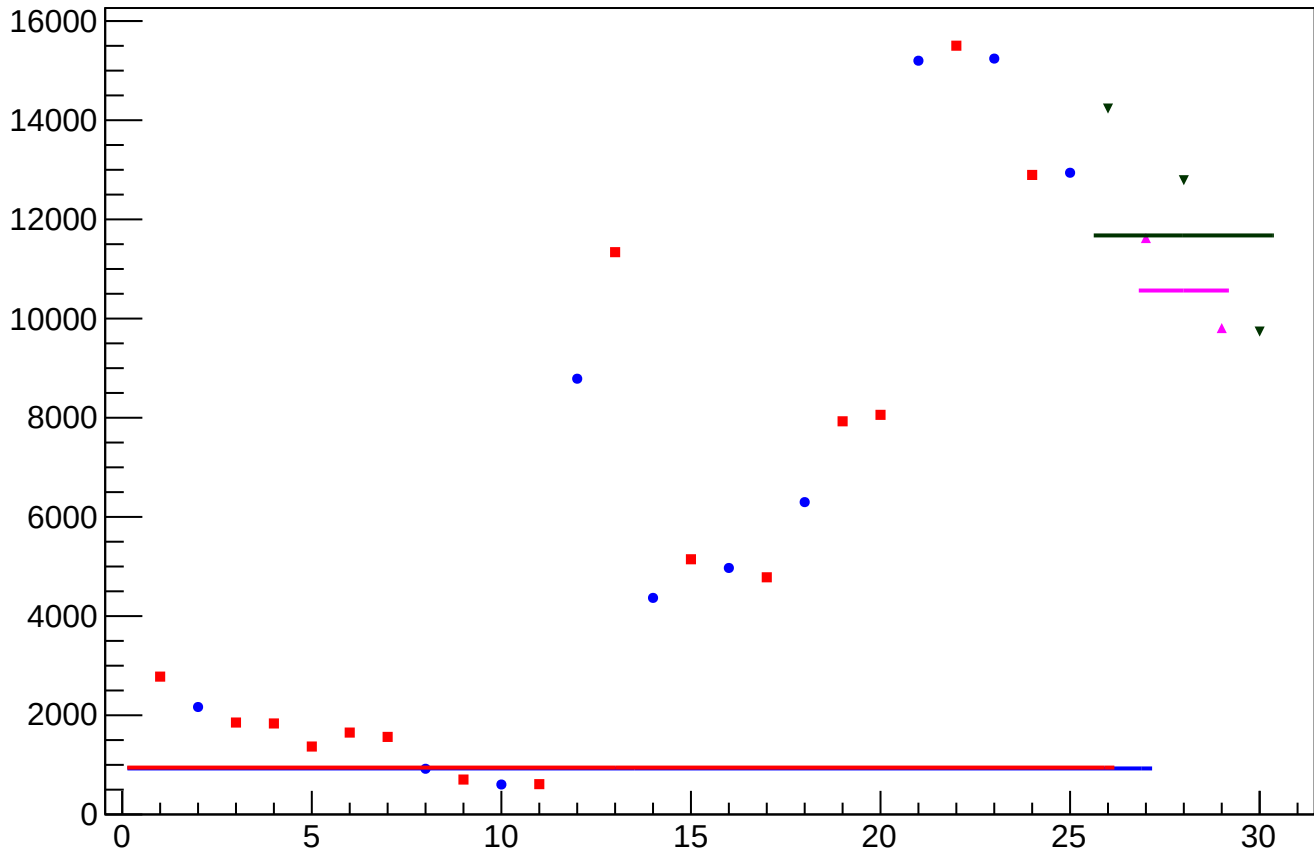
Right Out: 1048.847+/-513.623 χ^2/NDF : 11.1/14

Left In: -7429.707+/-8184.112 χ^2/NDF : 0.5/1

569.790+/-533.218 χ^2/NDF : 8.5/12

1015.584+/-512.615 χ^2/NDF : 12.6/16

cor_sam3_rms vs slug



Right In: 927.805 $\pm$ 0.378 χ^2 /NDF: 7114940.3/9

Left Out: 11676.382 $\pm$ 6.279 χ^2 /NDF: 86315.6/2

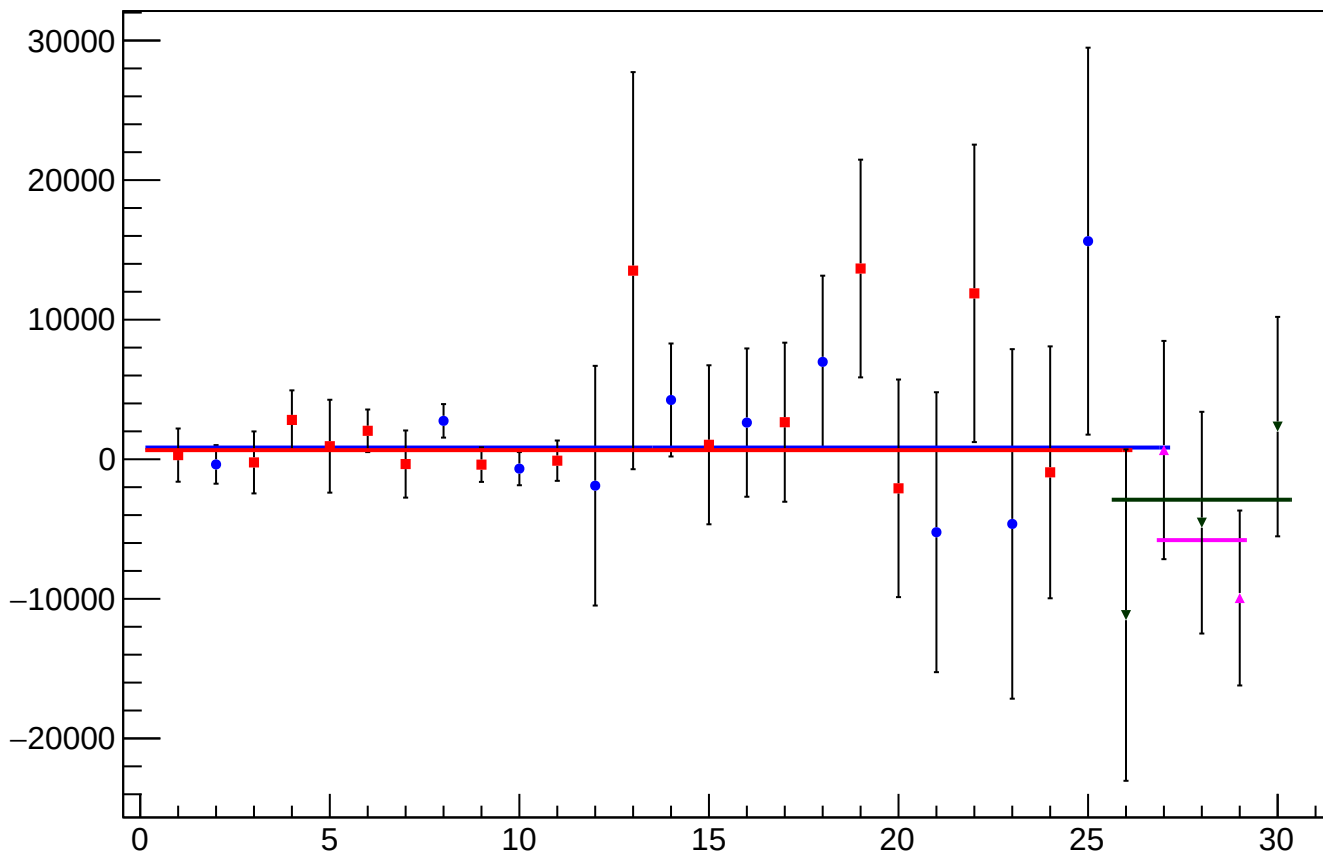
966.563 $\pm$ 0.377 χ^2 /NDF: 10121106.0/12

Right Out: 945.314 $\pm$ 0.363 χ^2 /NDF: 6768404.5/14

983.056 $\pm$ 0.362 χ^2 /NDF: 9545012.1/16

Left In: 10565.610 $\pm$ 5.787 χ^2 /NDF: 23922.4/1

cor_sam4_mean vs slug



Right In: 839.766+/-692.954 χ^2/NDF : 8.5/9

Left Out: -2898.135+/-5055.044 χ^2/NDF : 1.0/2

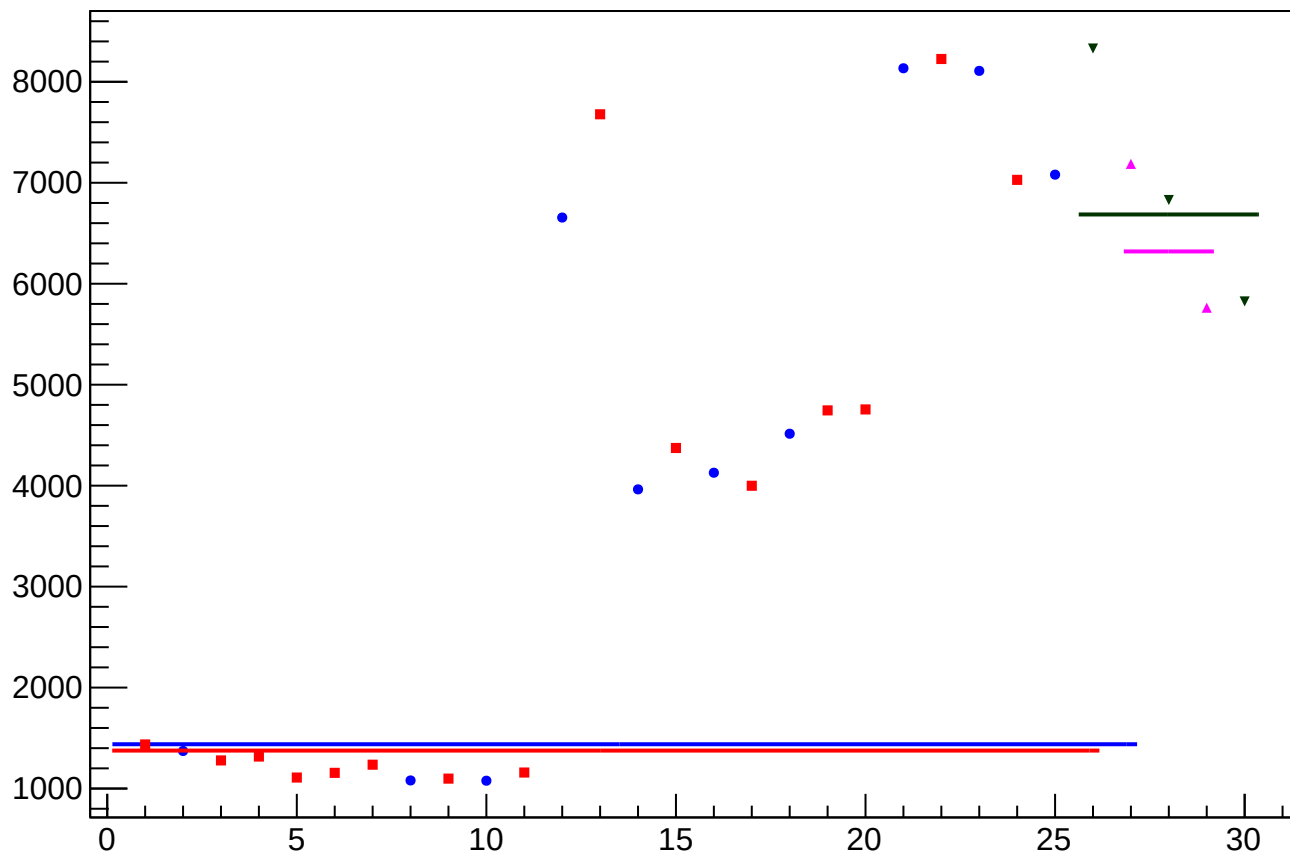
Right Out: 653.584+/-614.653 χ^2/NDF : 8.2/14

Left In: -5793.004+/-4889.567 χ^2/NDF : 1.1/1

770.822+/-686.534 χ^2/NDF : 10.0/12

553.298+/-609.853 χ^2/NDF : 11.0/16

cor_sam4_rms vs slug



Right In: 1438.908+/-0.490 χ^2/NDF : 4683173.6/9

Left Out: 6686.043+/-3.574 χ^2/NDF :63011.6/2

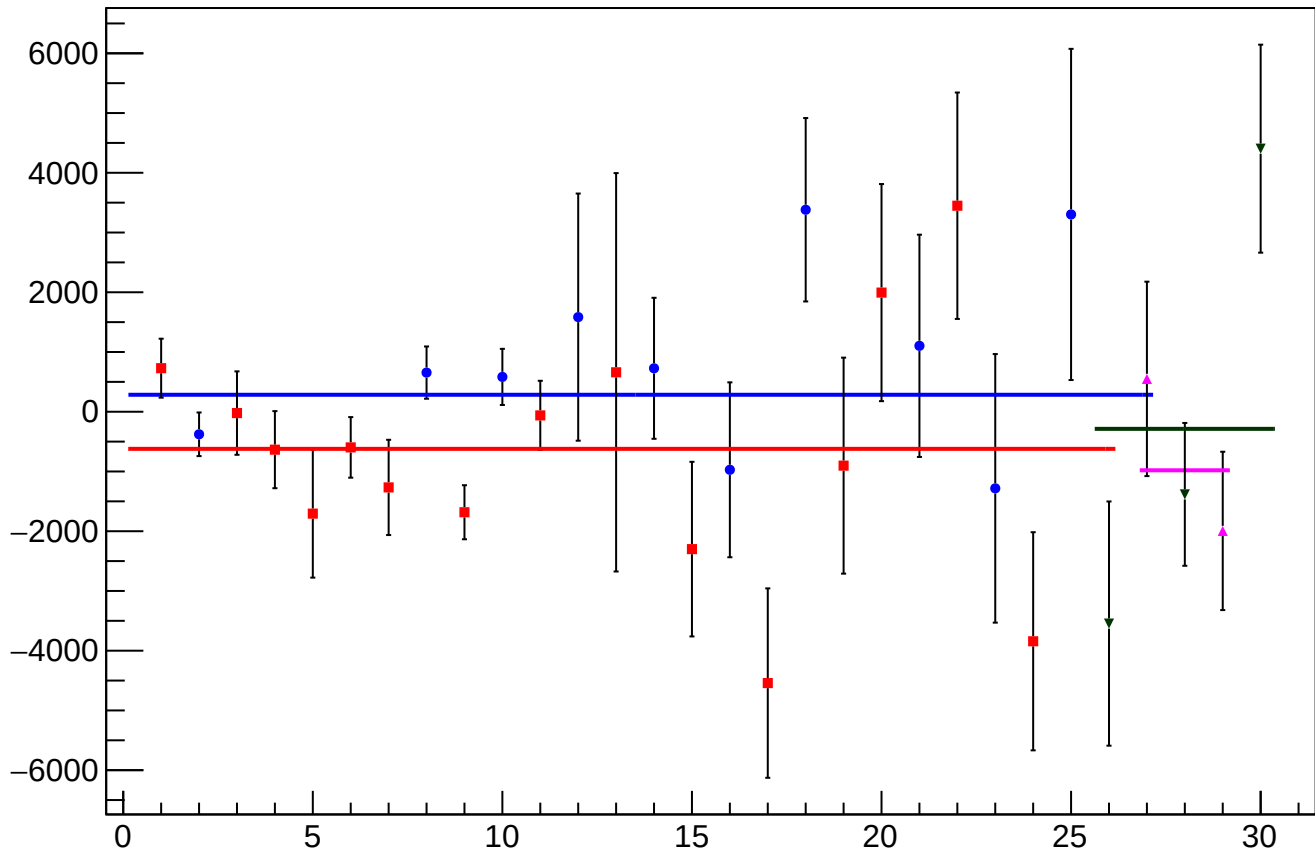
Right Out: 1376.131+/-0.435 χ^2/NDF : 3945476.4/14

Left In: 6319.854+/-3.457 χ^2/NDF :40424.3/1

1535.690+/-0.485 χ^2/NDF : 6861326.1/12

1453.037+/-0.431 χ^2/NDF : 5998643.9/16

cor_sam5_mean vs slug



Right In: 284.180 ± 225.158 $\chi^2/\text{NDF}: 11.6/9$

Left Out: -286.253 ± 887.703 $\chi^2/\text{NDF}: 10.6/2$

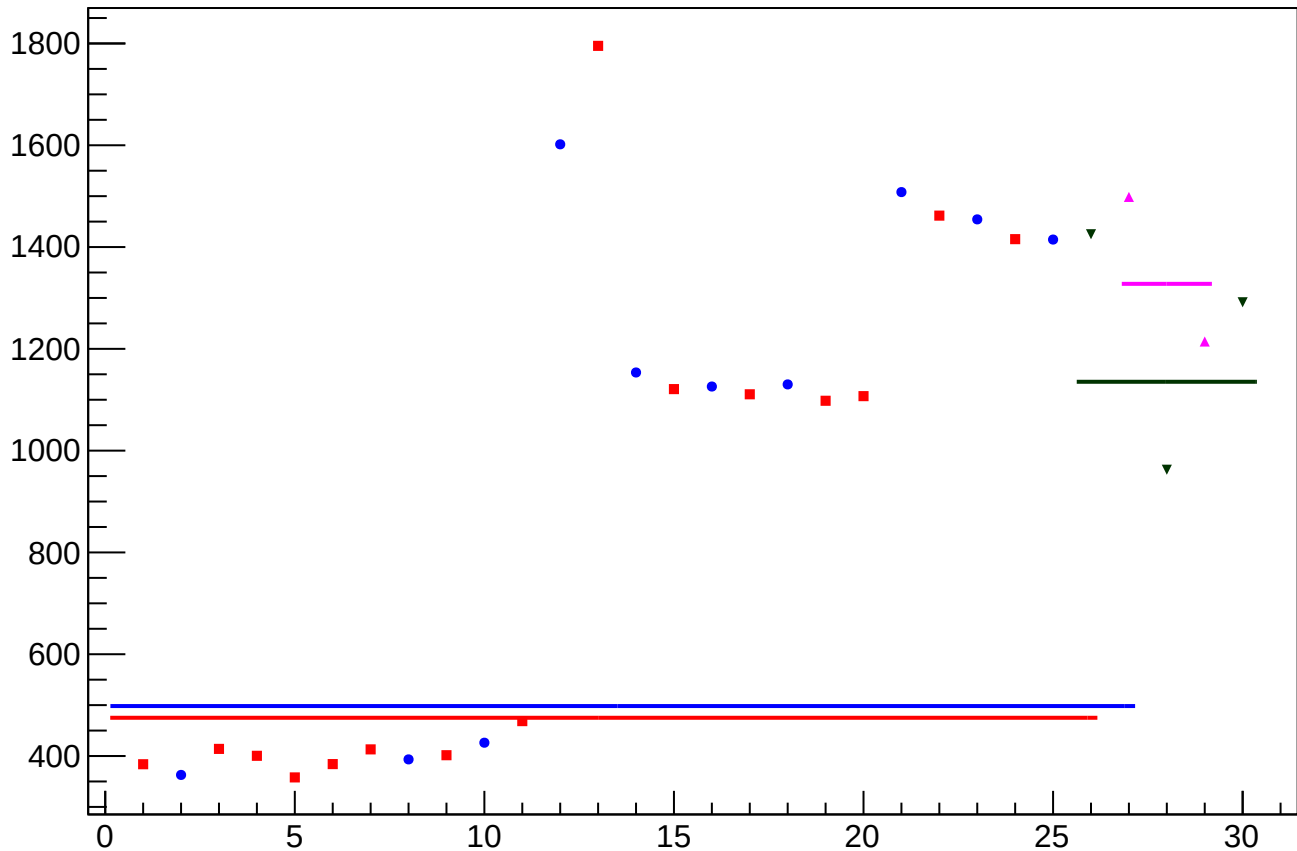
249.700 ± 218.247 $\chi^2/\text{NDF}: 22.6/12$

Right Out: -621.047 ± 200.389 $\chi^2/\text{NDF}: 33.7/14$

-634.198 ± 196.685 $\chi^2/\text{NDF}: 35.3/16$

Left In: -980.023 ± 1027.608 $\chi^2/\text{NDF}: 1.5/1$

cor_sam5_rms vs slug



Right In: 498.172+/-0.159 χ^2/NDF : 3499612.7/9

Left Out: 1135.308+/-0.628 χ^2/NDF : 98110.5/2

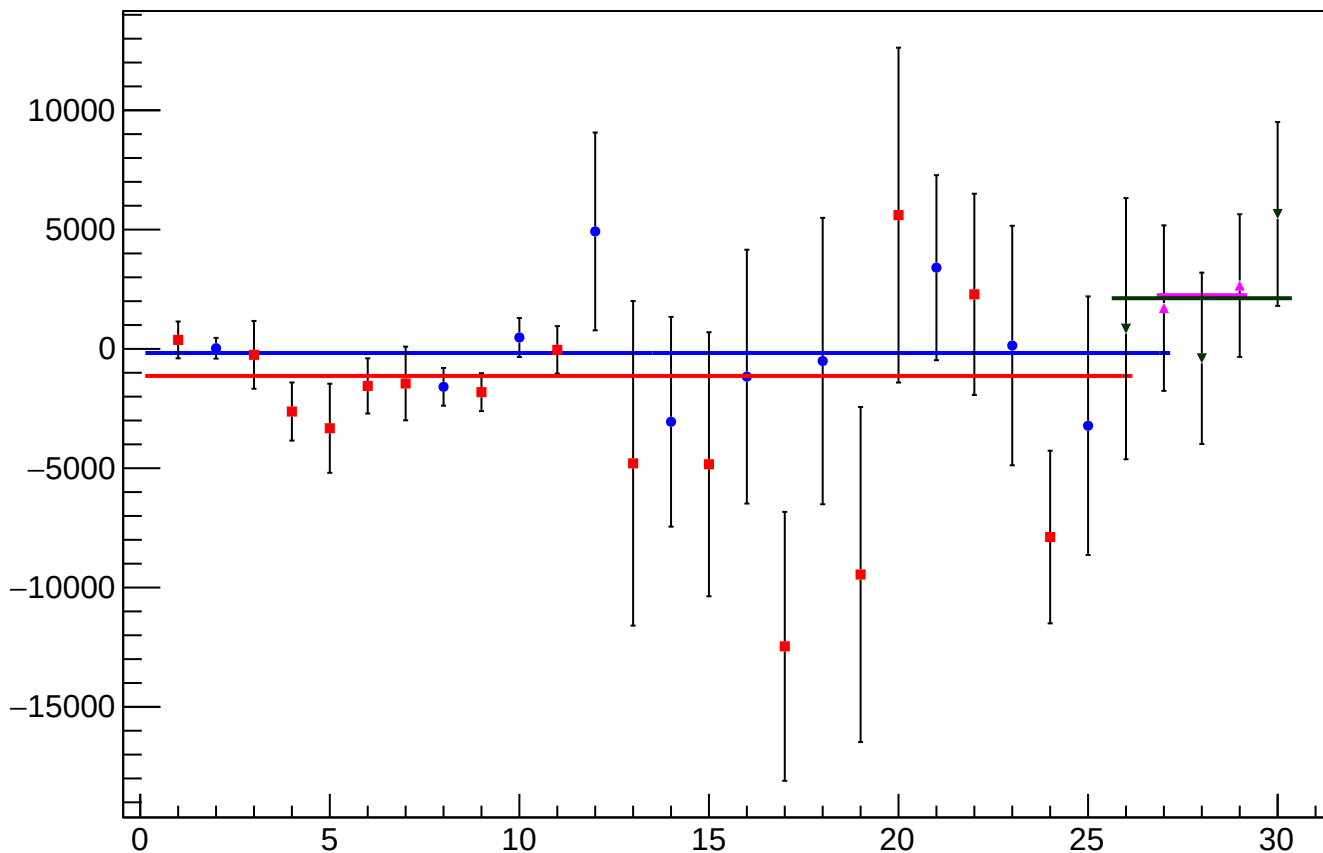
Right Out: 475.154+/-0.142 χ^2/NDF : 2841564.0/14

Left In: 1327.715+/-0.727 χ^2/NDF : 36655.2/1

536.684+/-0.154 χ^2/NDF : 4565737.2/12

506.387+/-0.139 χ^2/NDF : 4204443.6/16

cor_sam6_mean vs slug



Right In: -171.274+/-338.442 χ^2/NDF : 7.2/9

Left Out: 2124.197+/-2367.682 χ^2/NDF : 1.4/2

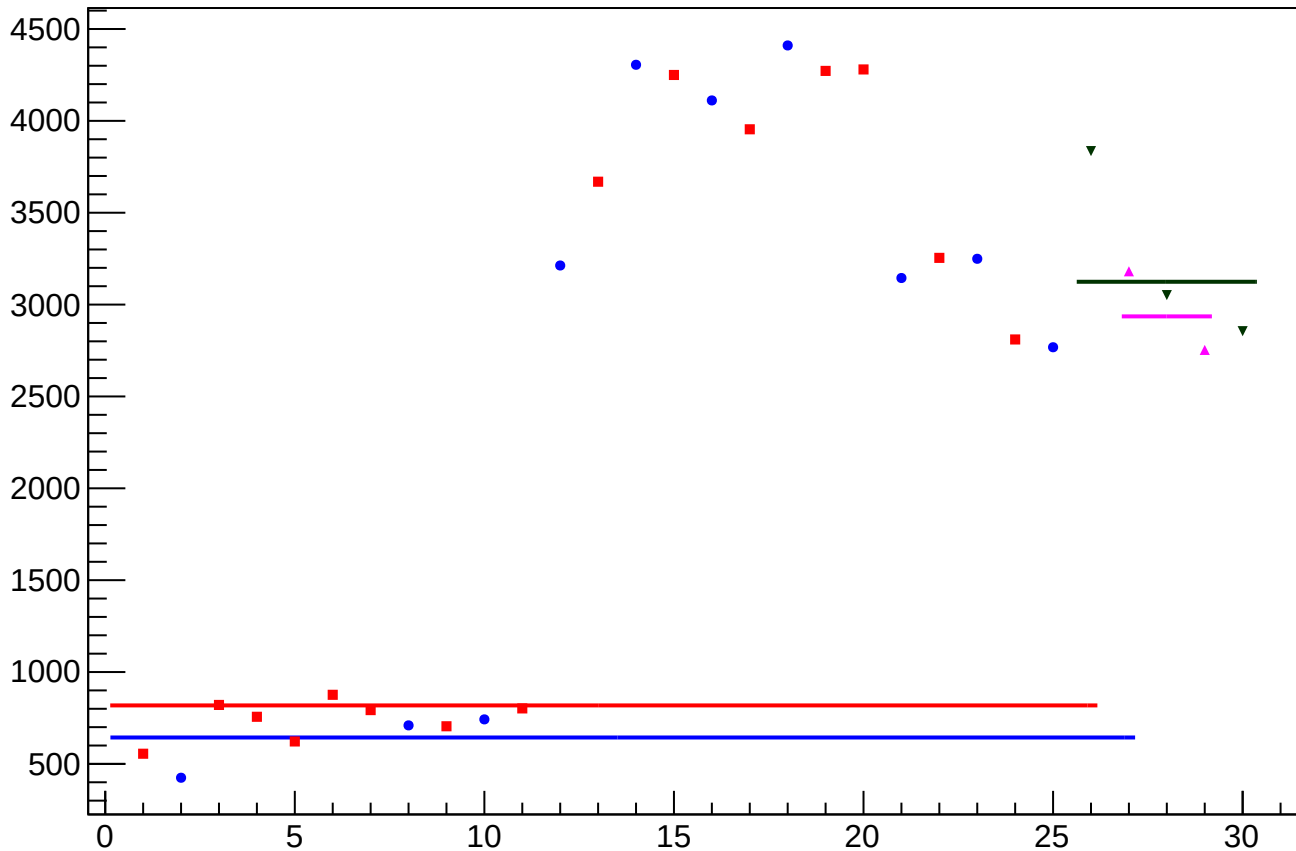
Right Out: -1132.251+/-373.850 χ^2/NDF : 20.5/14

Left In: 2251.565+/-2264.254 χ^2/NDF : 0.0/1

-125.310+/-335.037 χ^2/NDF : 9.5/12

-1042.452+/-368.856 χ^2/NDF : 22.7/16

cor_sam6_rms vs slug



Right In: 643.747+/-0.239 χ^2/NDF : 6026351.8/9

Left Out: 3124.198+/-1.674 χ^2/NDF : 44358.2/2

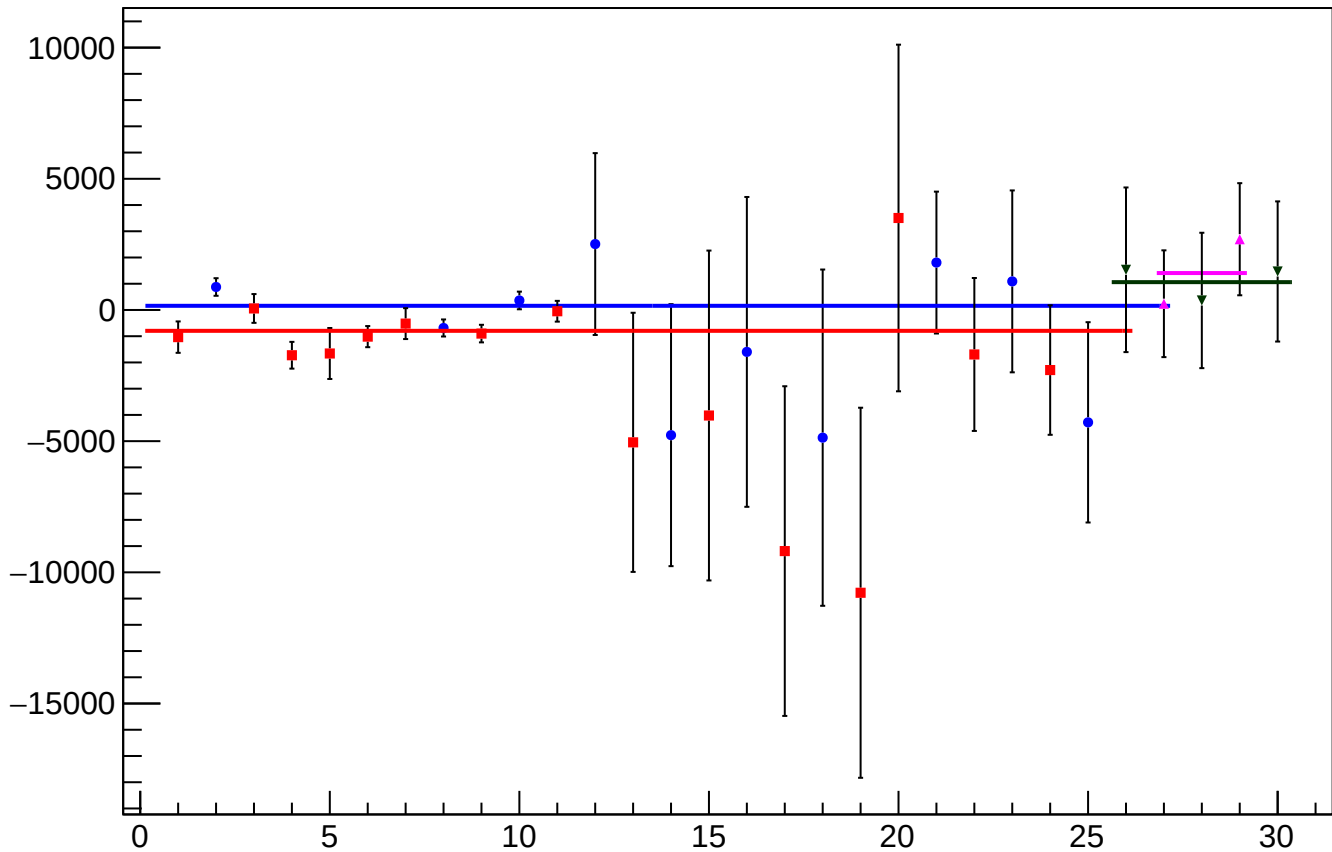
693.414+/-0.237 χ^2/NDF : 8221807.3/12

Right Out: 818.340+/-0.264 χ^2/NDF : 4291744.5/14

874.532+/-0.261 χ^2/NDF : 6011873.8/16

Left In: 2935.796+/-1.601 χ^2/NDF : 17469.2/1

cor_sam7_mean vs slug



Right In: 158.906+/-190.074 χ^2/NDF : 15.6/9

Left Out: 1060.901+/-1597.312 χ^2/NDF : 0.1/2

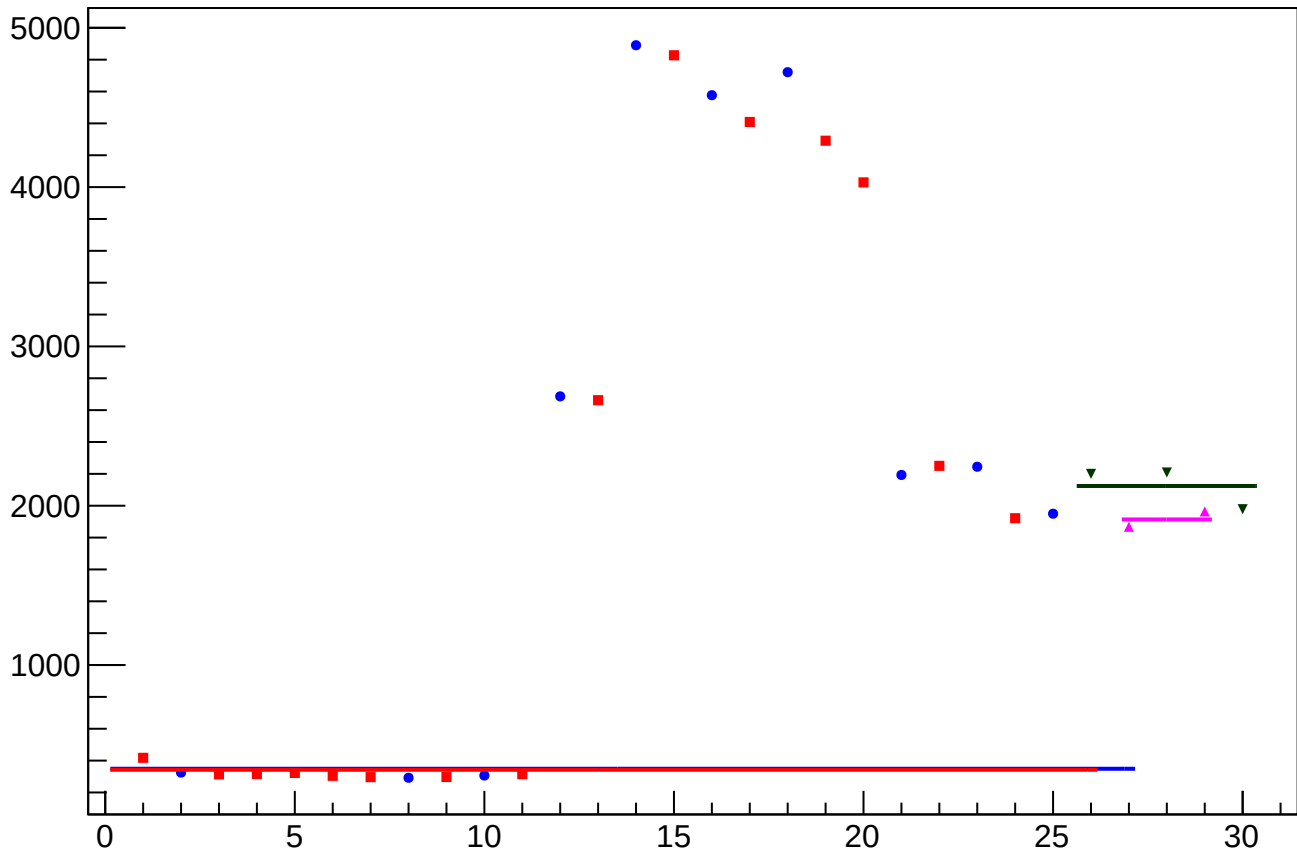
171.500+/-188.742 χ^2/NDF : 16.1/12

Right Out: -794.871+/-167.155 χ^2/NDF : 16.6/14

-766.891+/-166.090 χ^2/NDF : 19.5/16

Left In: 1407.439+/-1473.544 χ^2/NDF : 0.7/1

cor_sam7_rms vs slug



Right In: 348.832+/-0.134 χ^2/NDF : 6504565.3/9

Left Out: 2123.931+/-1.129 χ^2/NDF : 9287.2/2

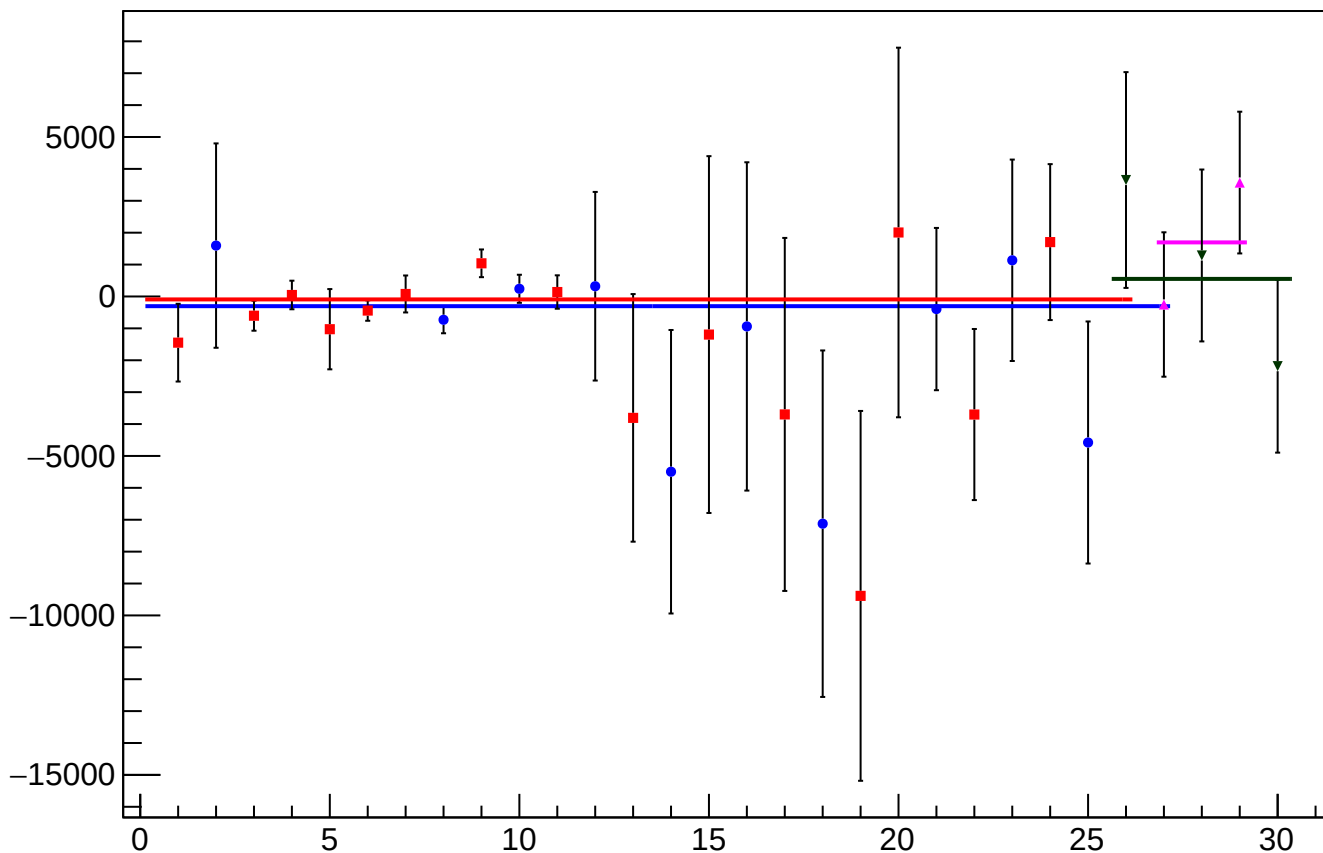
Right Out: 342.421+/-0.118 χ^2/NDF : 5342503.7/14

Left In: 1913.746+/-1.042 χ^2/NDF : 2116.9/1

373.617+/-0.133 χ^2/NDF : 8949358.6/12

362.384+/-0.117 χ^2/NDF : 7589967.3/16

cor_sam8_mean vs slug



Right In: -304.185+/-295.901 χ^2/NDF : 7.4/9

Left Out: 550.976+/-1664.065 χ^2/NDF : 1.9/2

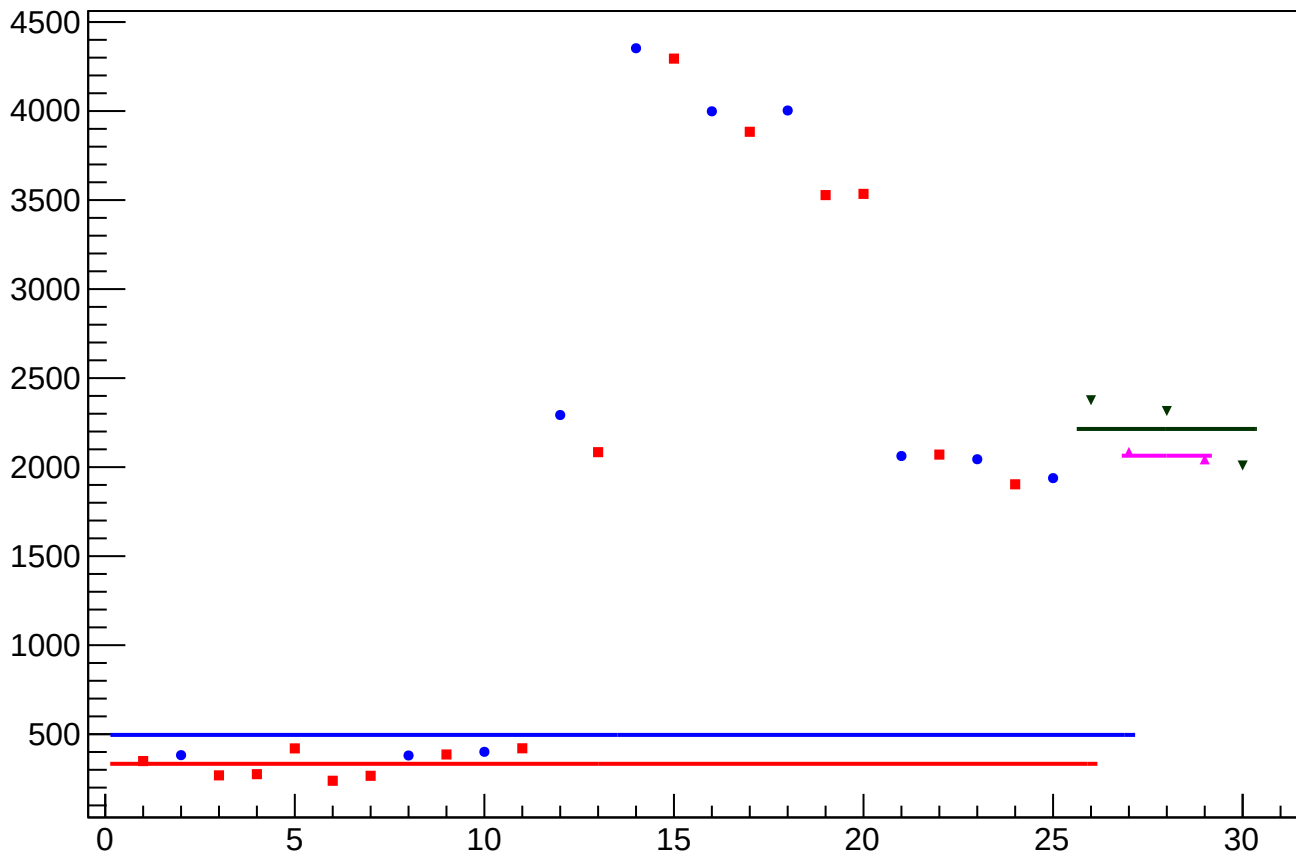
Right Out: -92.313+/-174.106 χ^2/NDF : 17.8/14

Left In: 1695.405+/-1585.654 χ^2/NDF : 1.5/1

-277.974+/-291.331 χ^2/NDF : 9.6/12

-71.016+/-173.066 χ^2/NDF : 20.5/16

cor_sam8_rms vs slug



Right In: 496.035+/-0.209 χ^2/NDF : 5778560.5/9

Left Out: 2214.508+/-1.177 χ^2/NDF :18793.3/2

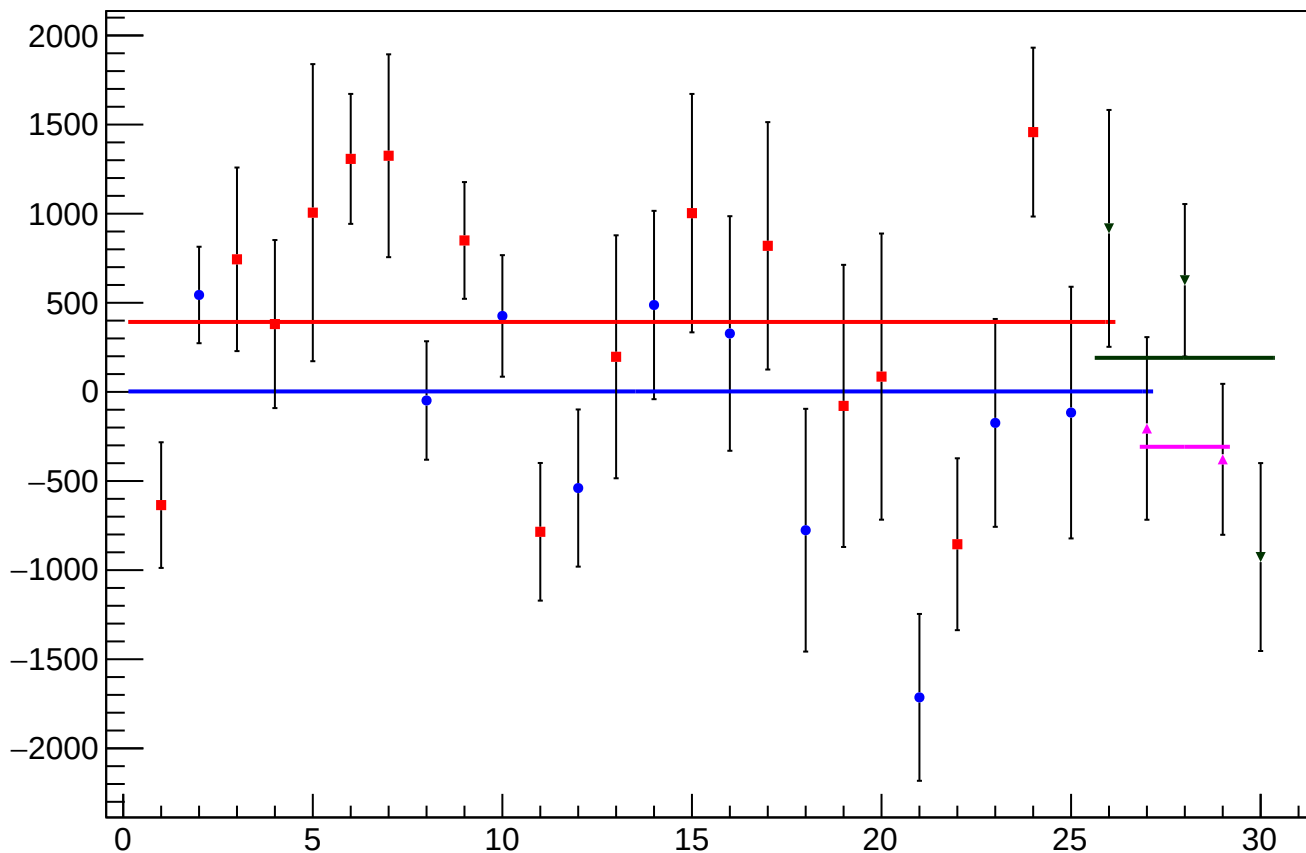
Right Out: 333.638+/-0.123 χ^2/NDF : 5483450.0/14

Left In: 2064.184+/-1.121 χ^2/NDF :344.9/1

548.706+/-0.206 χ^2/NDF : 7864901.8/12

354.253+/-0.122 χ^2/NDF : 7837621.8/16

reg_asym_sam1_mean vs slug



Right In: 2.666+/-136.080 χ^2/NDF : 23.0/9

Left Out: 191.201+/-297.132 χ^2/NDF : 6.7/2

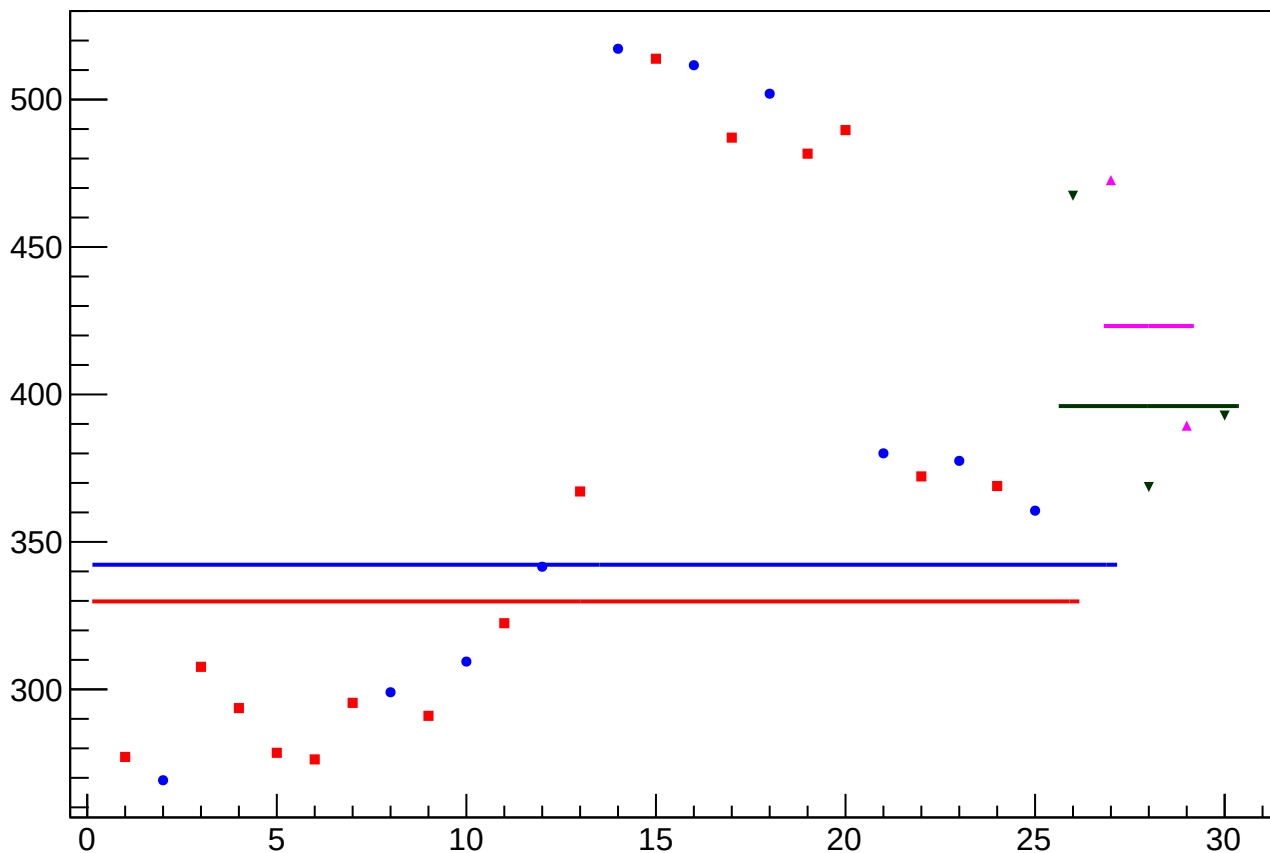
Right Out: 392.529+/-126.229 χ^2/NDF : 43.3/14

Left In: -307.952+/-326.413 χ^2/NDF : 0.1/1

35.354+/-123.722 χ^2/NDF : 30.1/12

301.400+/-117.733 χ^2/NDF : 47.3/16

reg_asym_sam1_rms vs slug



Right In: 342.263 ± 0.096 χ^2/NDF : 681597.8/9

Left Out: 396.058 ± 0.210 χ^2/NDF : 31343.2/2

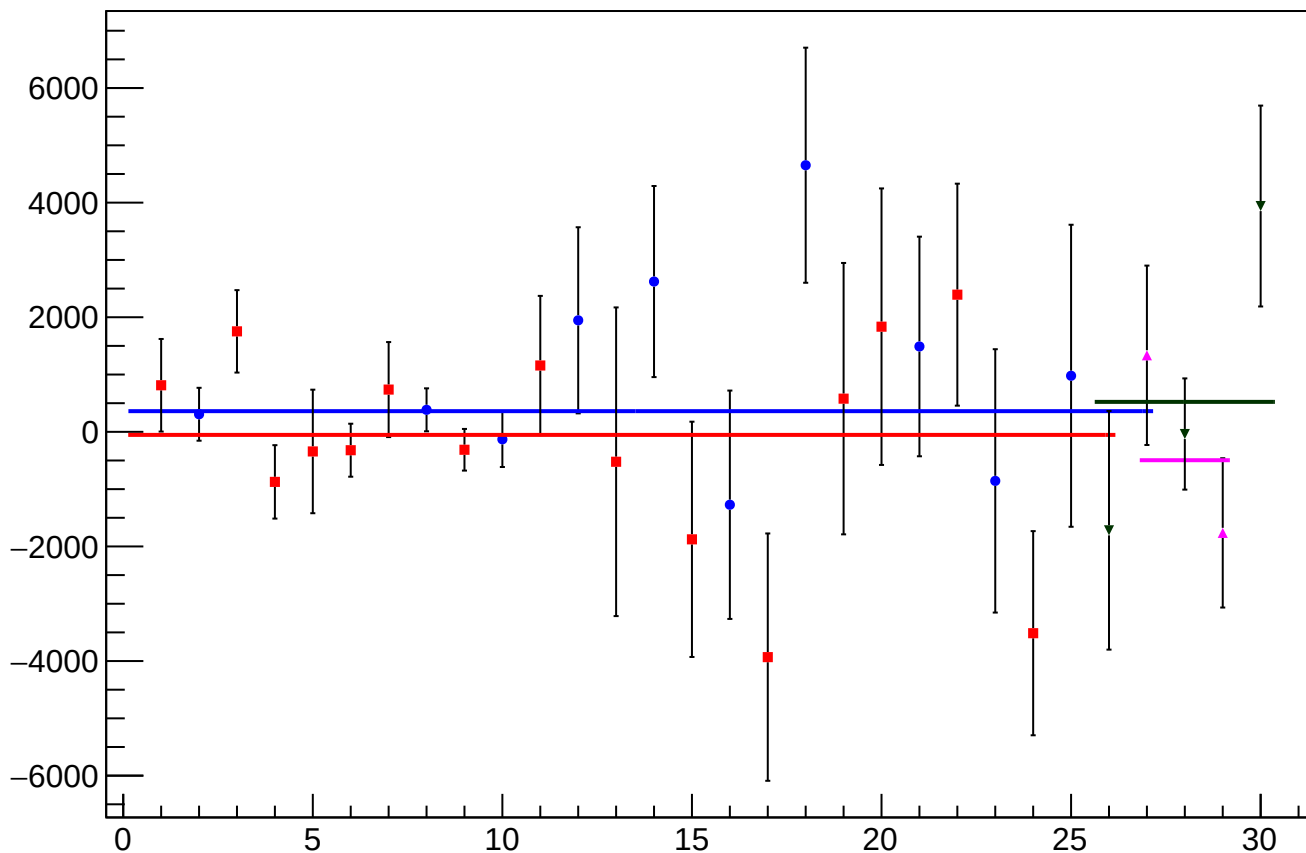
Right Out: 329.822 ± 0.089 χ^2/NDF : 589088.9/14

Left In: 423.209 ± 0.231 χ^2/NDF : 31387.5/1

351.590 ± 0.087 χ^2/NDF : 767131.3/12

341.971 ± 0.083 χ^2/NDF : 762884.4/16

asym_sam1_correction_mean vs slug



Right In: 361.021 ± 236.245 χ^2/NDF : 9.6/9

Left Out: 522.967 ± 786.228 χ^2/NDF : 5.3/2

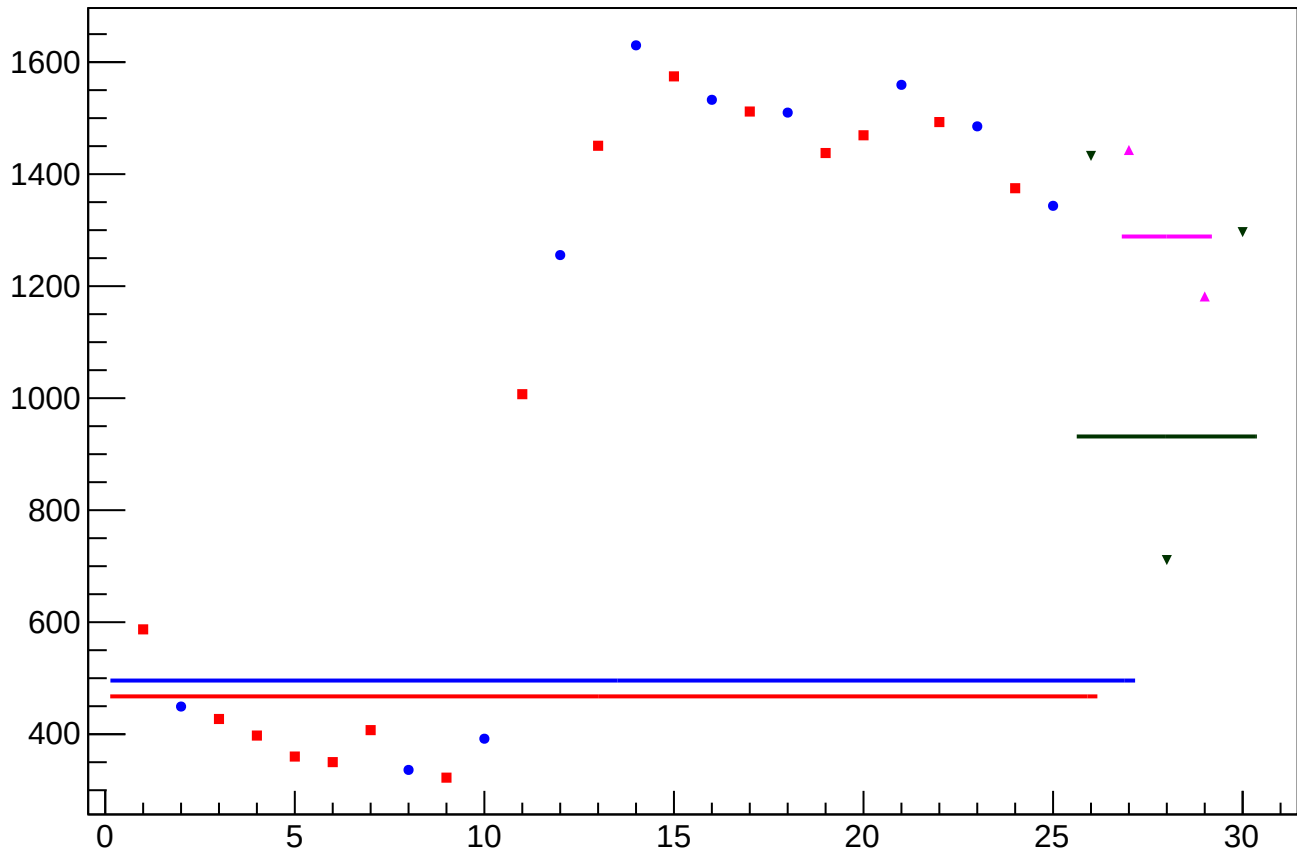
Right Out: -53.346 ± 210.065 χ^2/NDF : 22.0/14

Left In: -495.164 ± 1001.341 χ^2/NDF : 2.3/1

374.432 ± 226.252 χ^2/NDF : 14.9/12

-71.970 ± 205.590 χ^2/NDF : 24.5/16

asym_sam1_correction_rms vs slug



Right In: 495.824+/-0.167 χ^2/NDF : 4061682.0/9

Left Out: 931.606+/-0.556 χ^2/NDF :305788.9/2

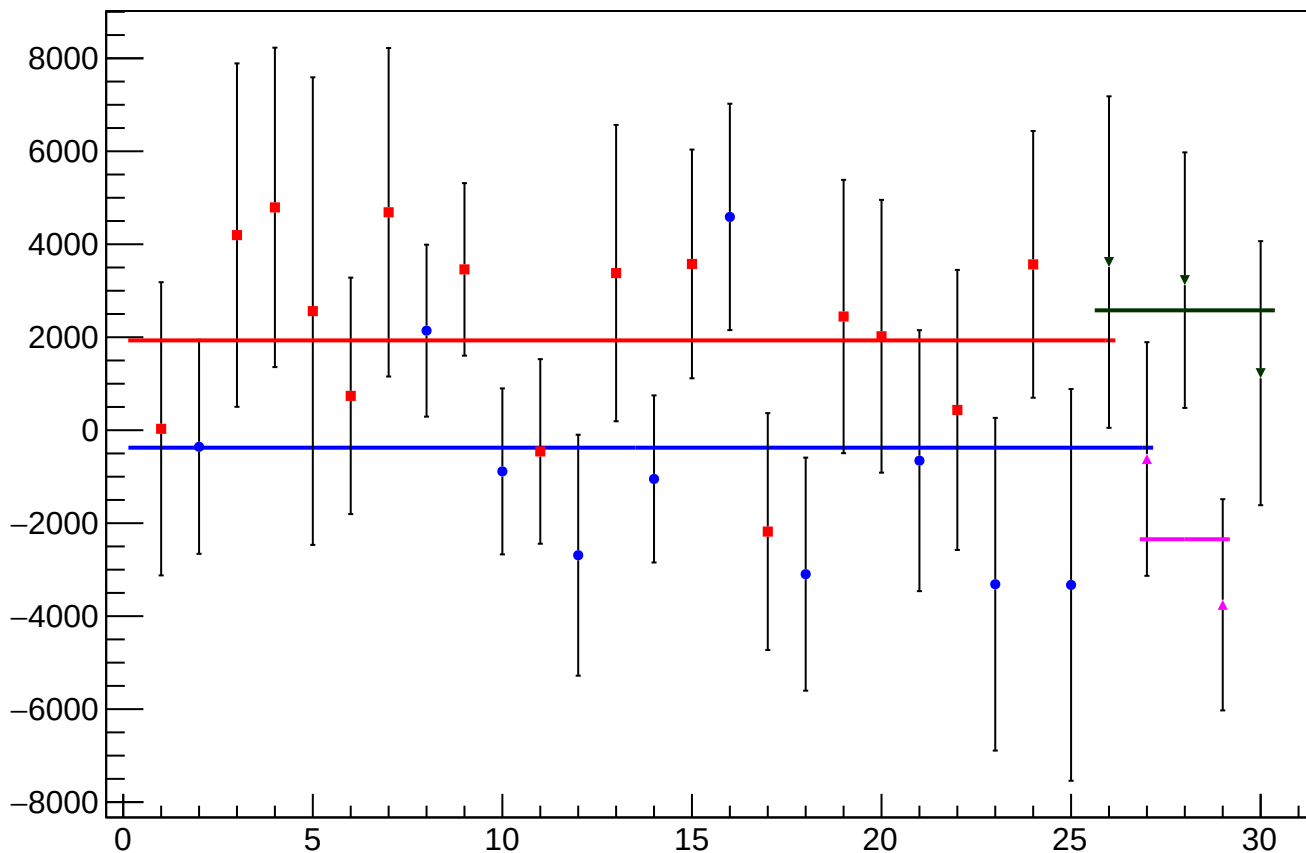
531.911+/-0.160 χ^2/NDF : 4931019.6/12

Right Out: 467.535+/-0.149 χ^2/NDF : 4022868.2/14

502.148+/-0.145 χ^2/NDF : 5344017.3/16

Left In: 1288.655+/-0.708 χ^2/NDF :32975.9/1

reg_asym_sam2_mean vs slug



Right In: -375.862+/-736.692 χ^2/NDF : 9.4/9

Left Out: 2578.557+/-1727.707 χ^2/NDF : 0.4/2

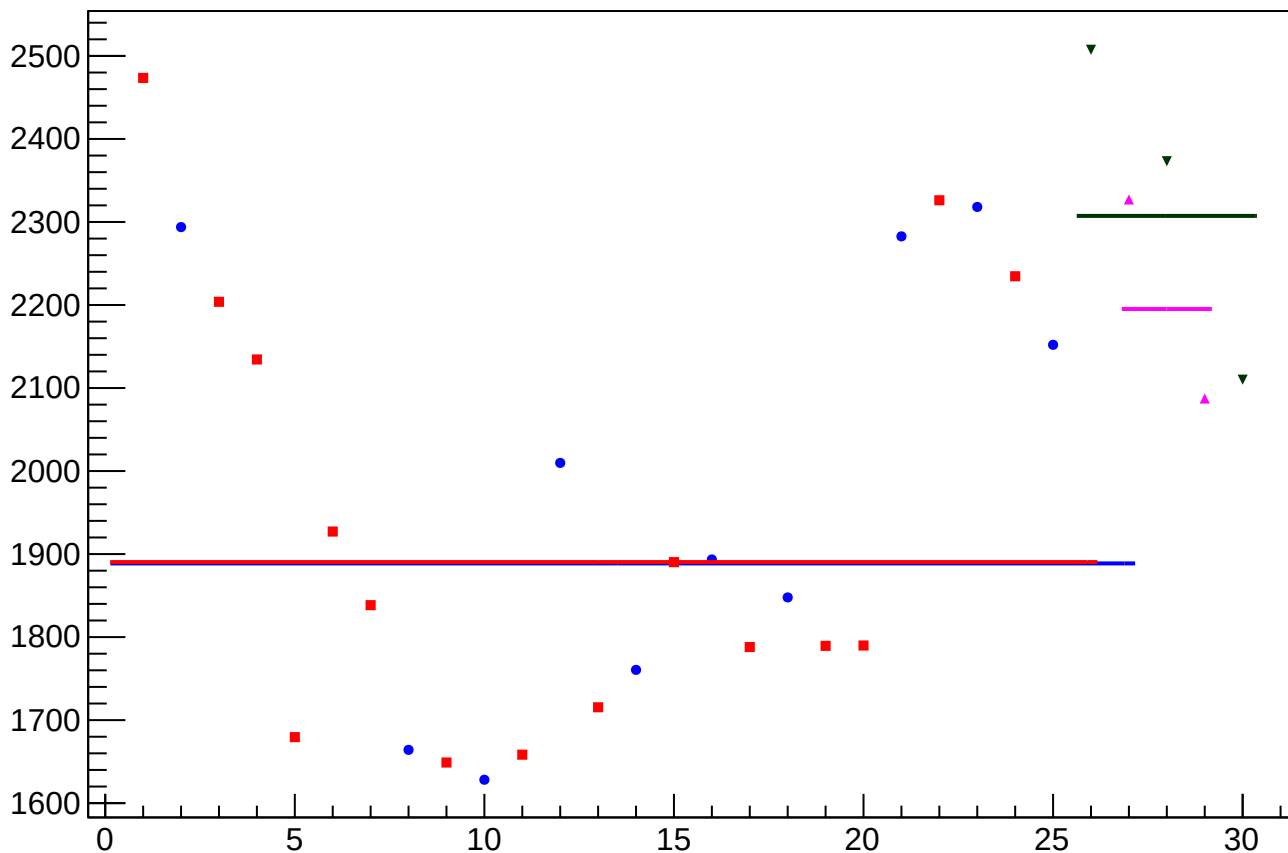
Right Out: 1932.065+/-714.598 χ^2/NDF : 8.3/14

Left In: -2345.226+/-1685.284 χ^2/NDF : 0.9/1

78.659+/-677.659 χ^2/NDF : 12.2/12

1280.226+/-657.898 χ^2/NDF : 14.6/16

reg_asym_sam2_rms vs slug



Right In: 1888.745+/-0.521 χ^2/NDF : 225122.0/9

Left Out: 2307.319+/-1.222 χ^2/NDF :17094.9/2

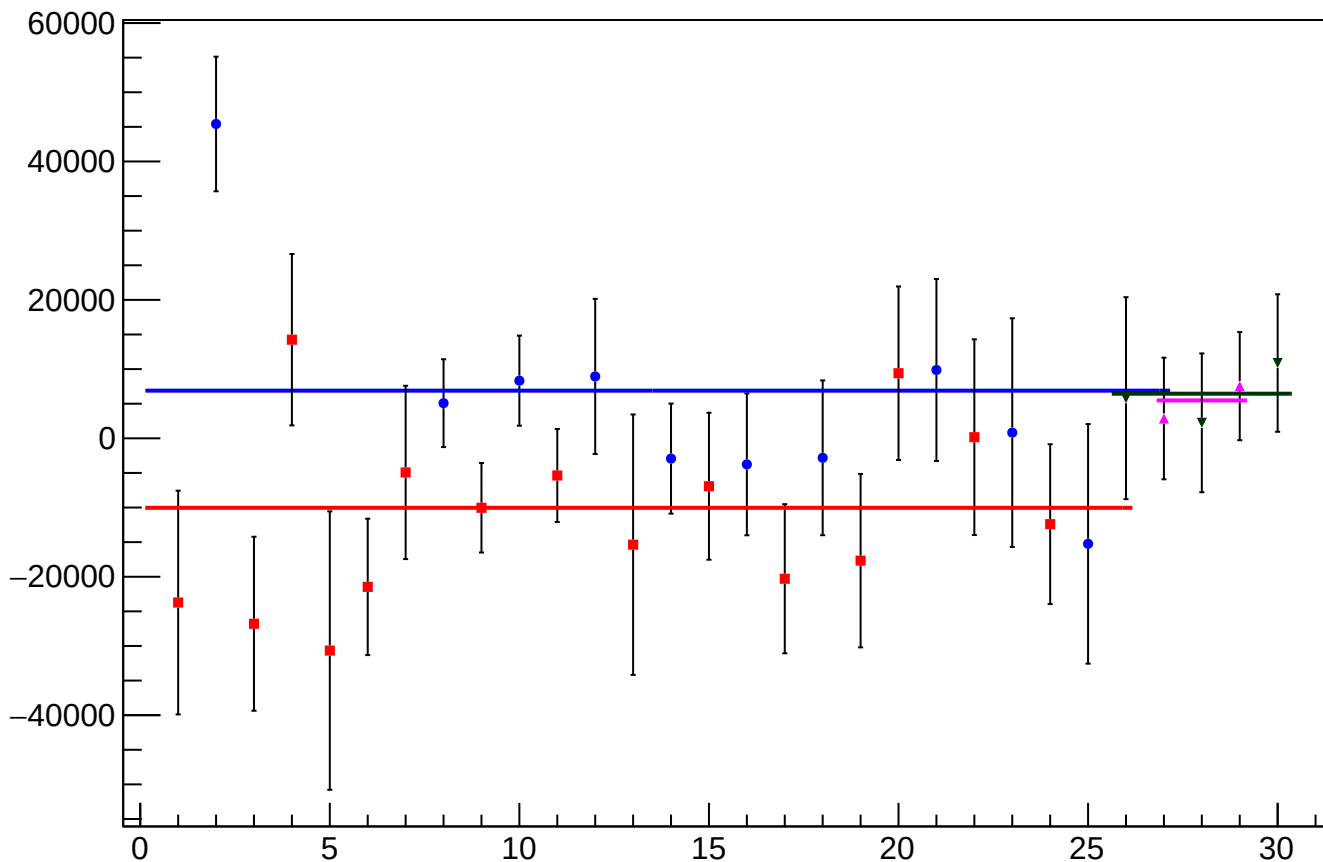
Right Out: 1890.378+/-0.505 χ^2/NDF : 243023.7/14

Left In: 2195.182+/-1.192 χ^2/NDF :10018.3/1

1953.140+/-0.479 χ^2/NDF : 341548.1/12

1936.829+/-0.465 χ^2/NDF : 308494.0/16

asym_sam2_correction_mean vs slug



Right In: 6887.356+/-2973.552 χ^2/NDF : 21.0/9

Left Out: 6447.433+/-6352.550 χ^2/NDF : 0.4/2

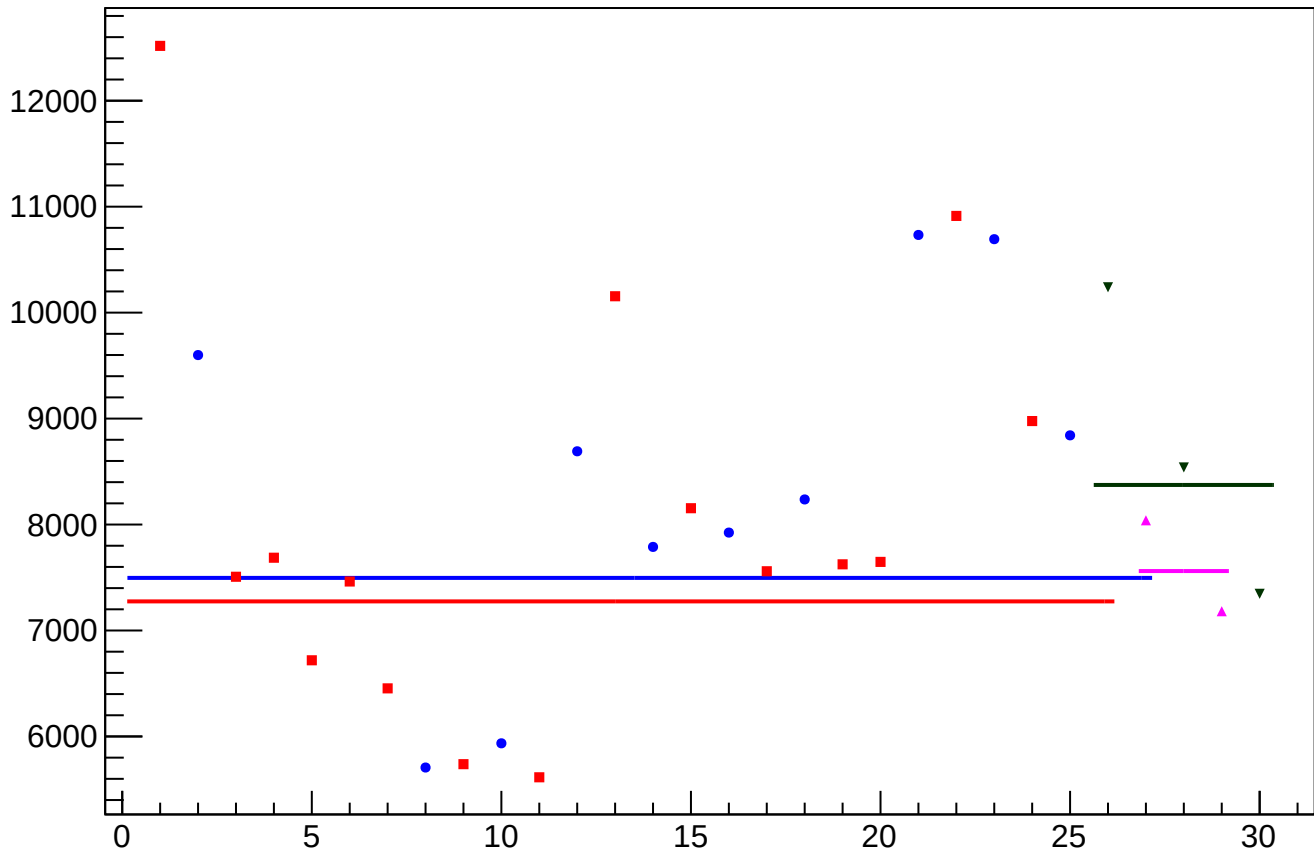
Right Out: -10038.748+/-2800.961 χ^2/NDF : 13.8/14

Left In: 5475.298+/-5840.006 χ^2/NDF : 0.2/1

6808.290+/-2693.114 χ^2/NDF : 21.4/12

-7137.423+/-2525.509 χ^2/NDF : 19.7/16

asym_sam2_correction_rms vs slug



Right In: 7496.454+/-2.103 χ^2/NDF : 613569.9/9

Left Out: 8373.676+/-4.492 χ^2/NDF : 54627.6/2

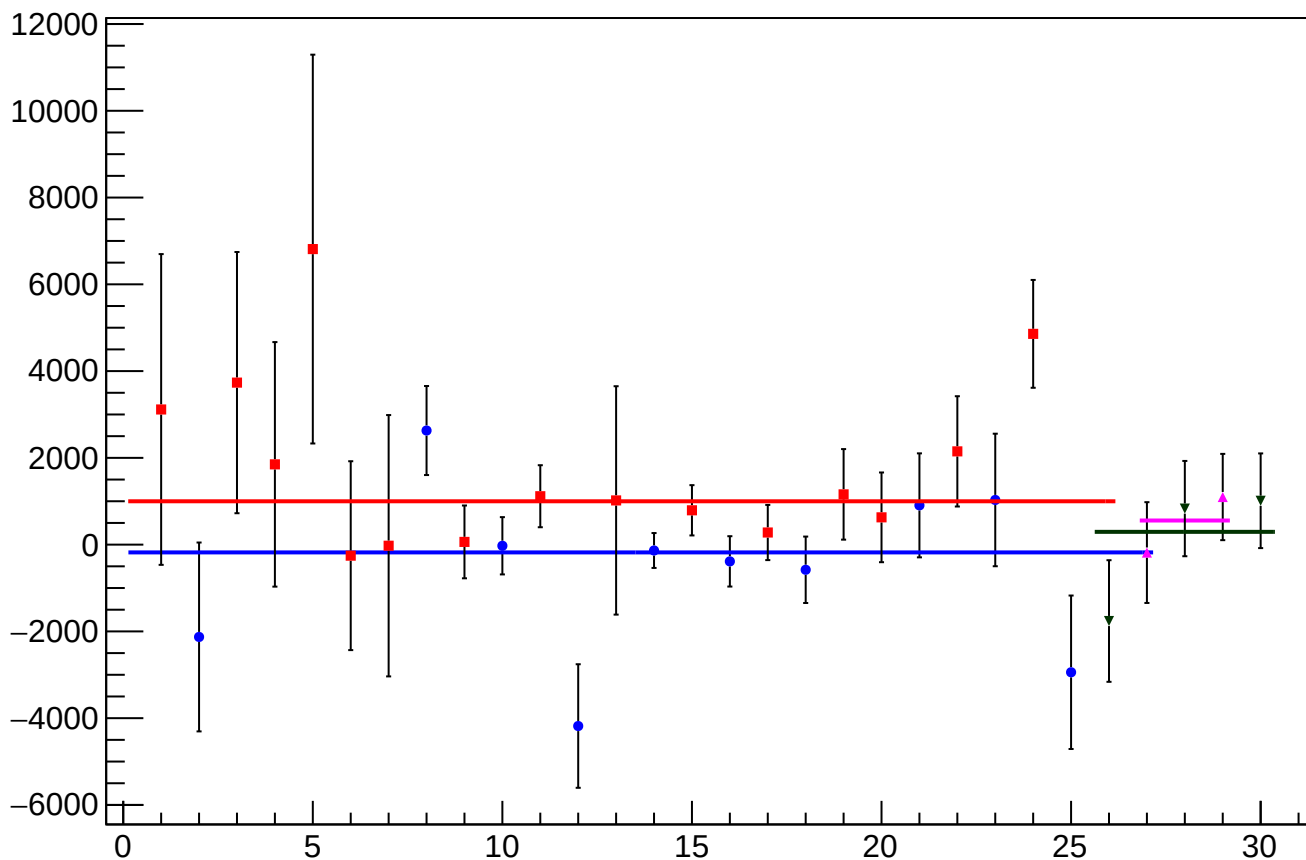
Right Out: 7274.661+/-1.981 χ^2/NDF : 700424.5/14

Left In: 7561.009+/-4.130 χ^2/NDF : 10650.6/1

7654.115+/-1.904 χ^2/NDF : 699480.6/12

7328.211+/-1.786 χ^2/NDF : 714984.2/16

reg_asym_sam3_mean vs slug



Right In: -179.234+/-248.043 χ^2/NDF : 20.5/9

Left Out: 294.752+/-677.595 χ^2/NDF : 2.8/2

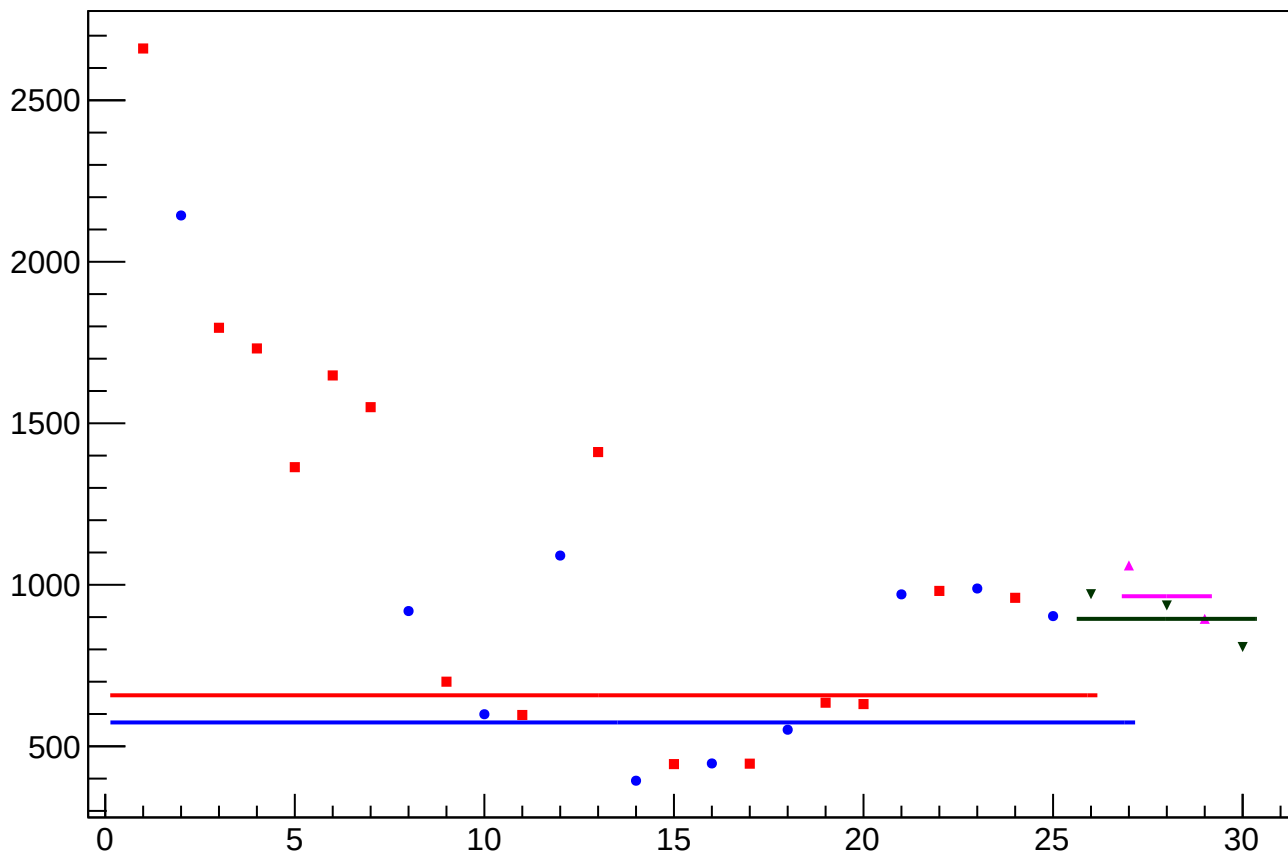
Right Out: 999.236+/-279.772 χ^2/NDF : 16.7/14

Left In: 556.016+/-755.380 χ^2/NDF : 0.7/1

-123.224+/-232.927 χ^2/NDF : 23.8/12

945.771+/-262.356 χ^2/NDF : 17.7/16

reg_asym_sam3_rms vs slug



Right In: 573.860 $\pm$ 0.175 χ^2 /NDF: 2467415.5/9

Left Out: 894.571 $\pm$ 0.479 χ^2 /NDF:21547.0/2

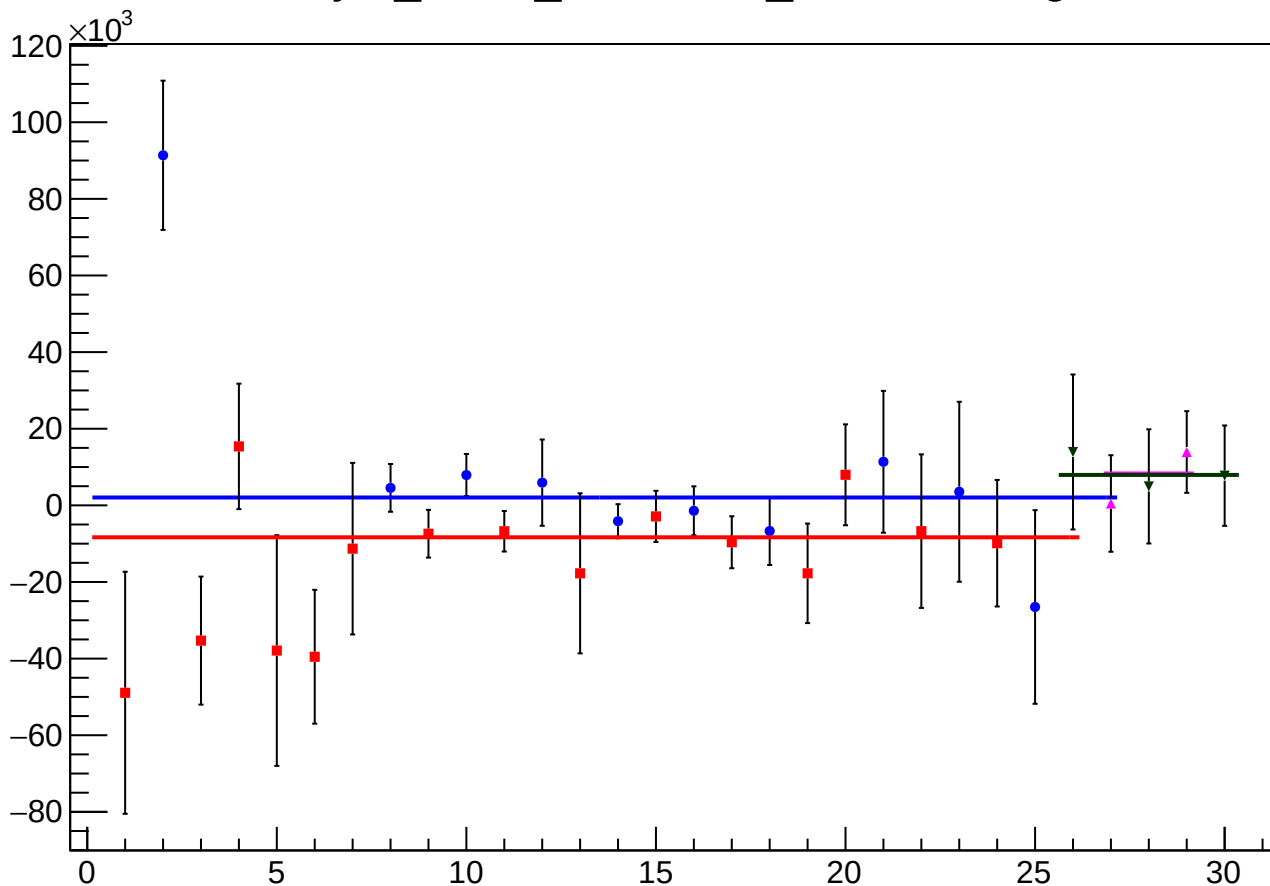
Right Out: 657.916 $\pm$ 0.198 χ^2 /NDF: 2764757.7/14

Left In: 964.573 $\pm$ 0.534 χ^2 /NDF:23389.1/1

611.758 $\pm$ 0.165 χ^2 /NDF: 2884059.6/12

694.907 $\pm$ 0.186 χ^2 /NDF: 3077999.6/16

asym_sam3_correction_mean vs slug



Right In: 2055.142 $\pm$ 2472.640 χ^2 /NDF: 27.2/9

Left Out: 7944.515 $\pm$ 8847.543 χ^2 /NDF: 0.1/2

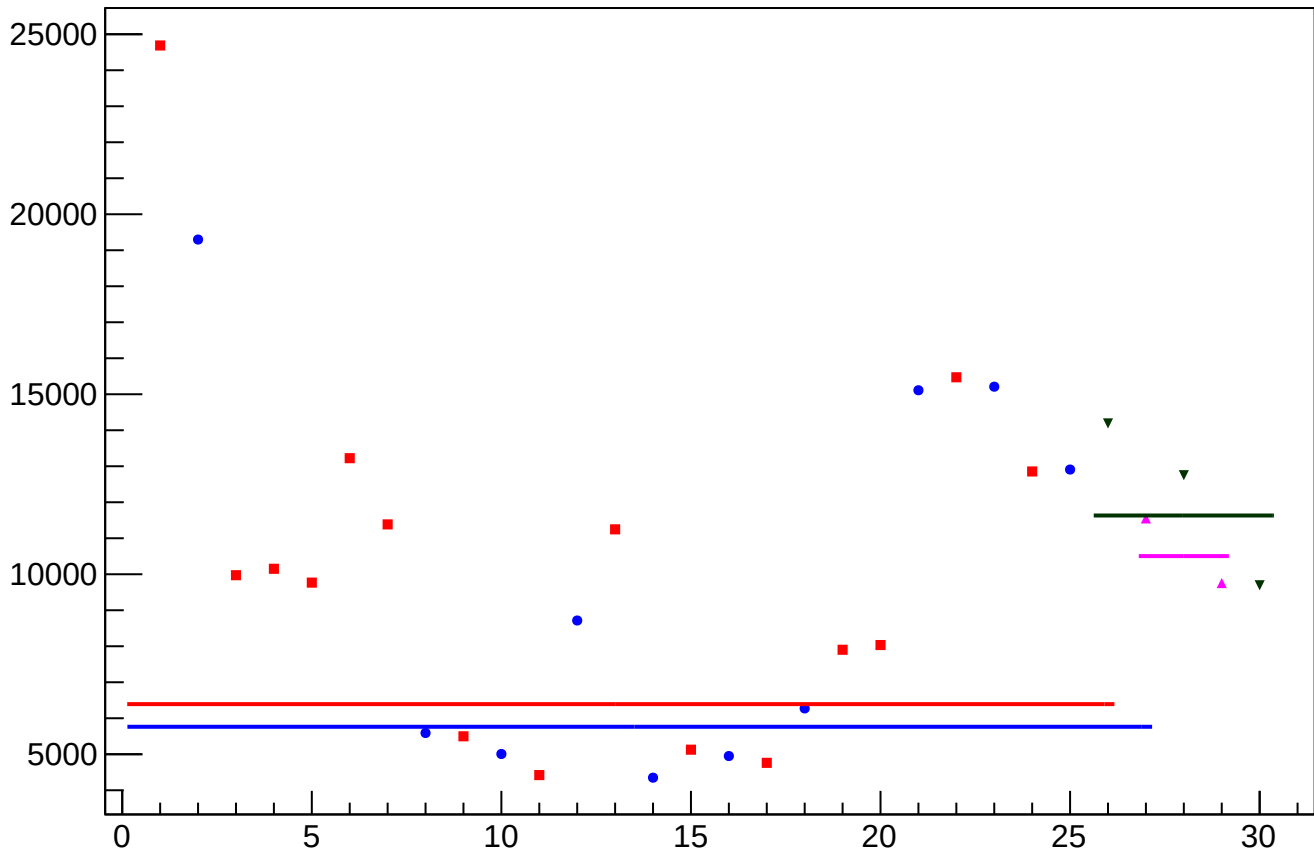
2481.804 $\pm$ 2381.389 χ^2 /NDF: 27.7/12

Right Out: -8336.407 $\pm$ 2668.988 χ^2 /NDF: 13.6/14

-6718.568 $\pm$ 2536.048 χ^2 /NDF: 18.1/16

Left In: 8318.793 $\pm$ 8137.009 χ^2 /NDF: 0.7/1

asym_sam3_correction_rms vs slug



Right In: 5763.414+/-1.748 χ^2/NDF : 2377645.7/9

Left Out: 11631.937+/-6.256 χ^2/NDF : 87051.3/2

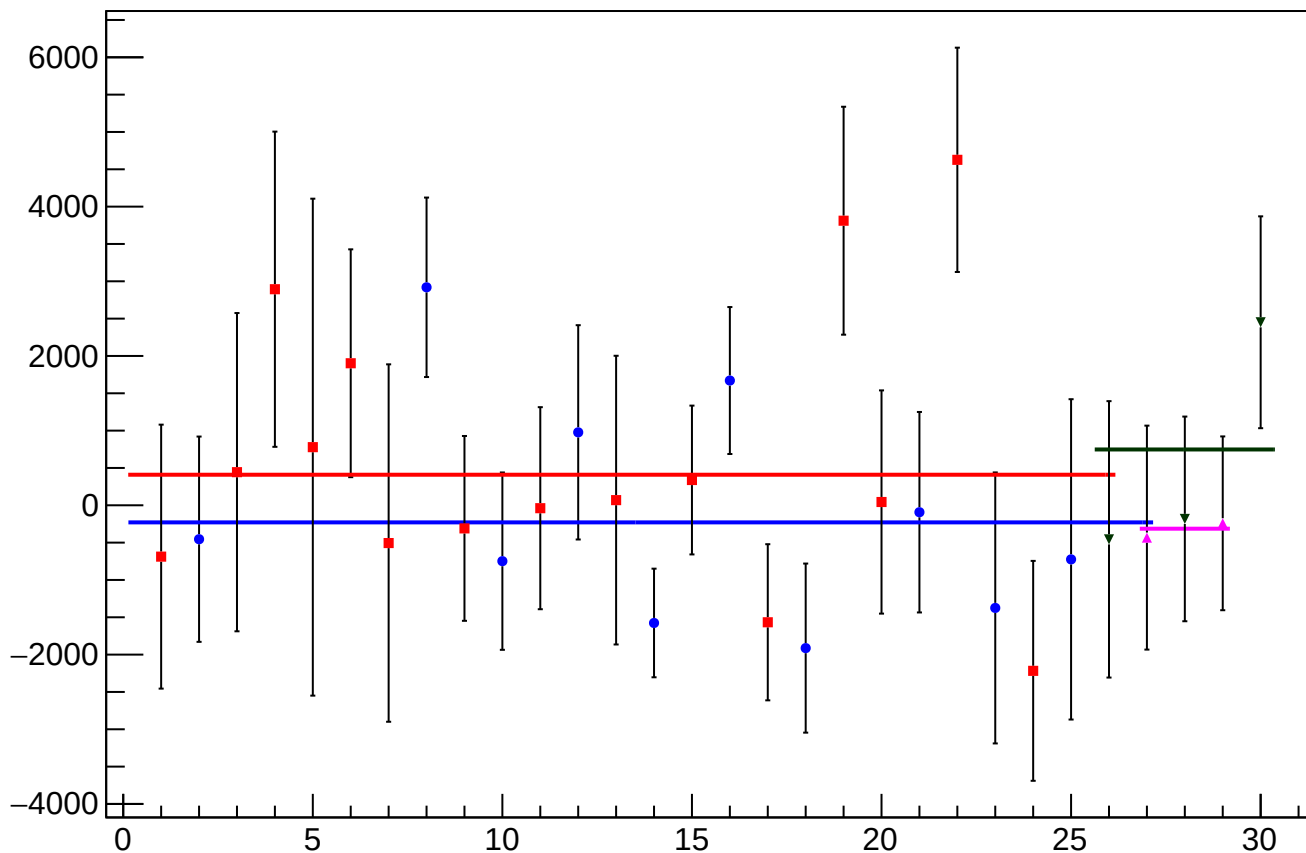
6188.566+/-1.684 χ^2/NDF : 3280868.4/12

Right Out: 6392.355+/-1.887 χ^2/NDF : 2687128.1/14

6791.793+/-1.793 χ^2/NDF : 3171964.4/16

Left In: 10504.467+/-5.754 χ^2/NDF : 23675.9/1

reg_asym_sam4_mean vs slug



Right In: -228.973 ± 372.829 χ^2/NDF : 17.6/9

Left Out: 747.492 ± 870.056 χ^2/NDF : 2.3/2

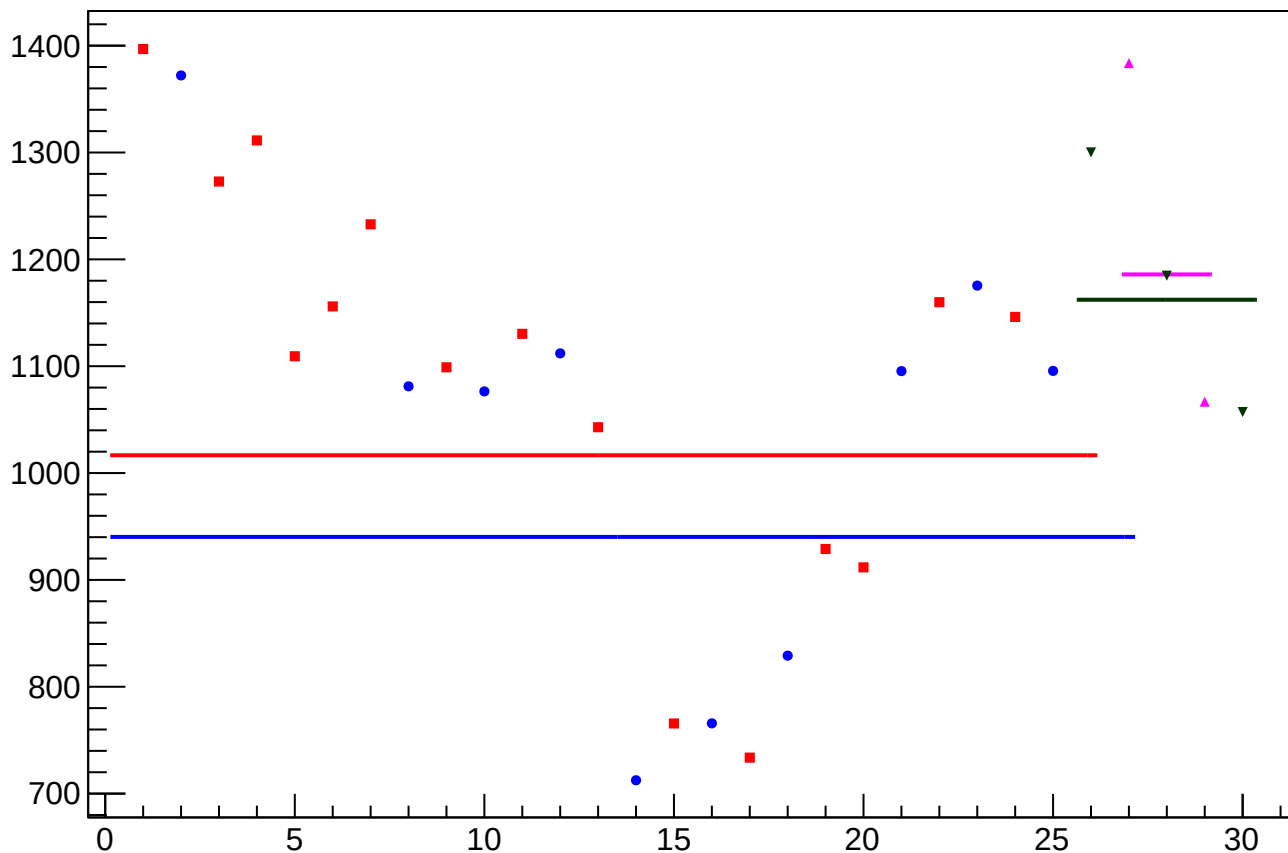
Right Out: 409.240 ± 388.426 χ^2/NDF : 23.0/14

Left In: -313.525 ± 919.475 χ^2/NDF : 0.0/1

-77.487 ± 342.692 χ^2/NDF : 21.0/12

299.789 ± 357.809 χ^2/NDF : 23.6/16

reg_asym_sam4_rms vs slug



Right In: 940.245+/-0.264 χ^2/NDF : 628810.9/9

Left Out: 1162.209+/-0.615 χ^2/NDF : 22620.1/2

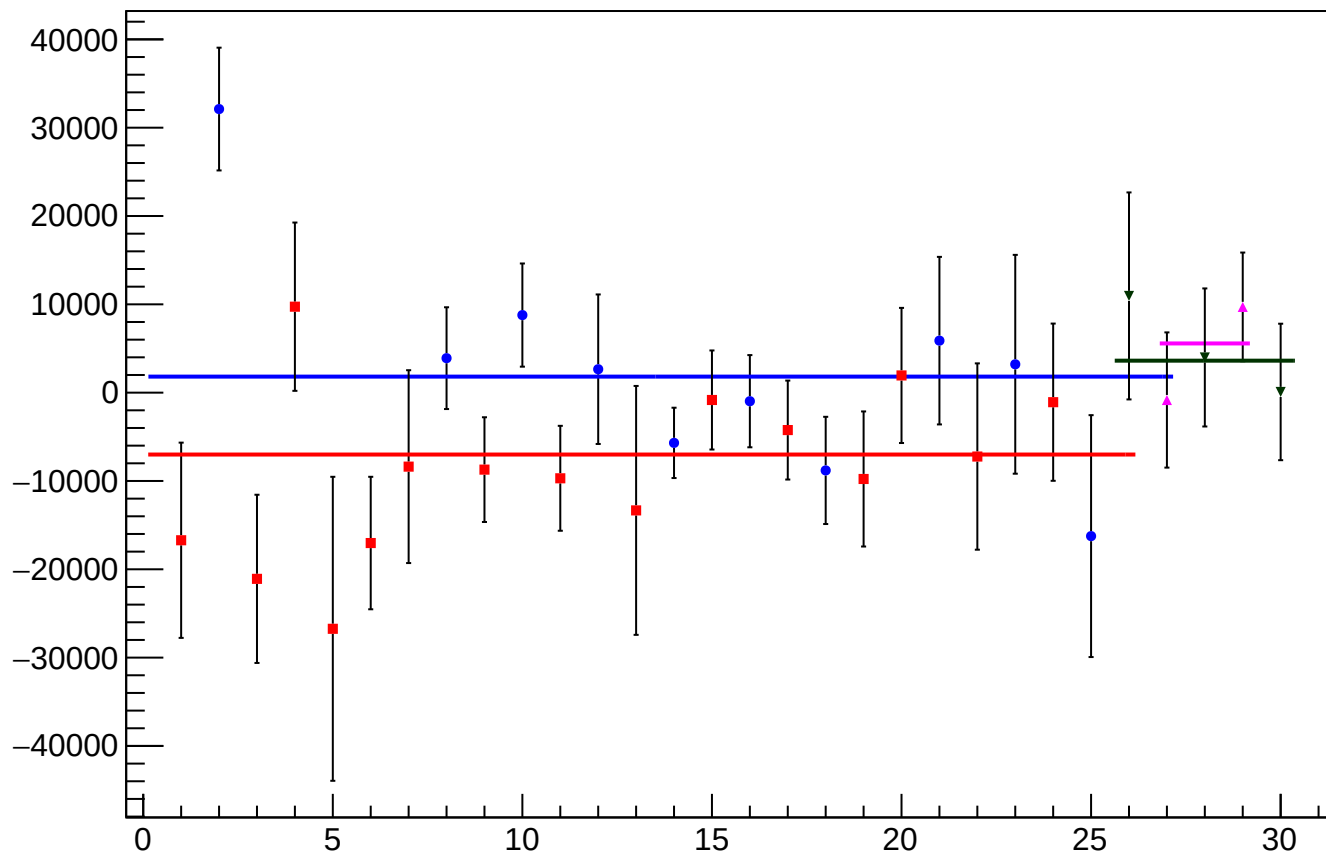
Right Out: 1016.645+/-0.275 χ^2/NDF : 541748.1/14

Left In: 1185.911+/-0.650 χ^2/NDF : 55727.3/1

974.680+/-0.242 χ^2/NDF : 761404.3/12

1042.278+/-0.253 χ^2/NDF : 654989.4/16

asym_sam4_correction_mean vs slug



Right In: 1816.313+/-2024.410 χ^2/NDF : 29.4/9

Left Out: 3621.304+/-4975.047 χ^2/NDF : 0.6/2

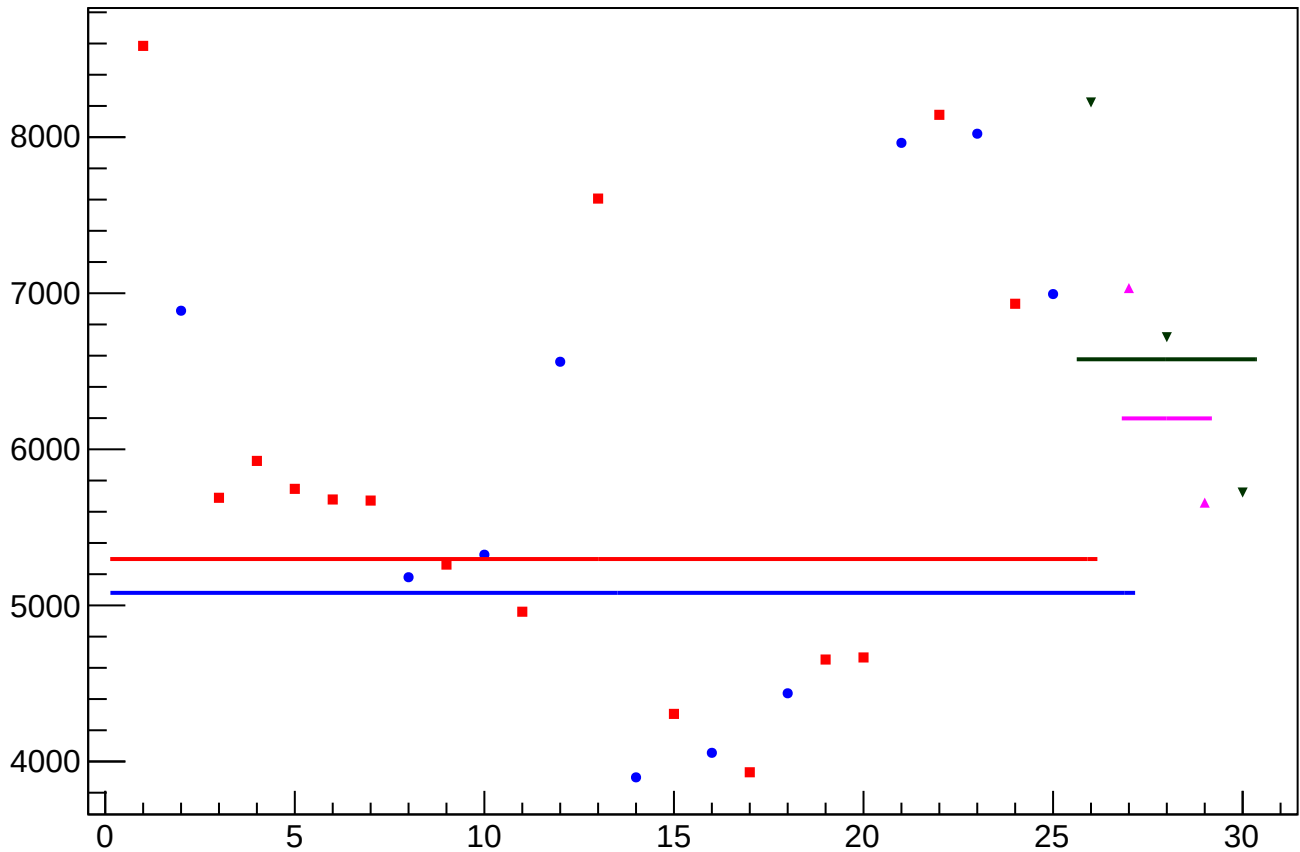
Right Out: -7007.023+/-2036.711 χ^2/NDF : 13.1/14

Left In: 5571.560+/-4795.826 χ^2/NDF : 1.2/1

2072.723+/-1875.114 χ^2/NDF : 30.1/12

-5085.035+/-1874.662 χ^2/NDF : 20.0/16

asym_sam4_correction_rms vs slug



Right In: 5080.426+/-1.431 χ^2/NDF : 813165.5/9

Left Out: 6576.839+/-3.518 χ^2/NDF : 64502.8/2

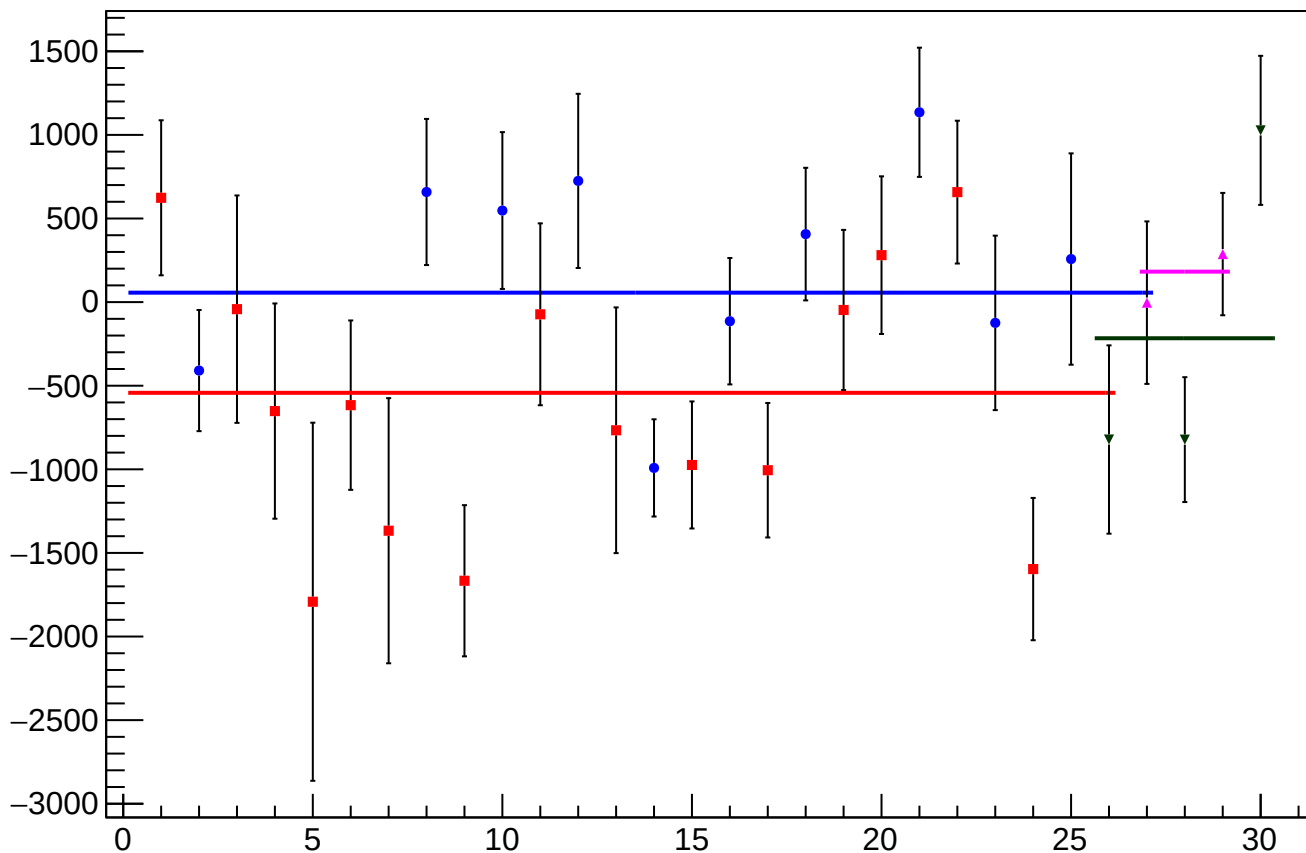
5293.001+/-1.326 χ^2/NDF : 1032906.2/12

Right Out: 5297.077+/-1.440 χ^2/NDF : 680672.1/14

5434.753+/-1.326 χ^2/NDF : 779668.4/16

Left In: 6198.108+/-3.391 χ^2/NDF : 39186.9/1

reg_asym_sam5_mean vs slug



Right In: 56.489 $\pm$ 130.012 χ^2 /NDF: 28.3/9

Left Out: -216.131 $\pm$ 255.164 χ^2 /NDF: 11.6/2

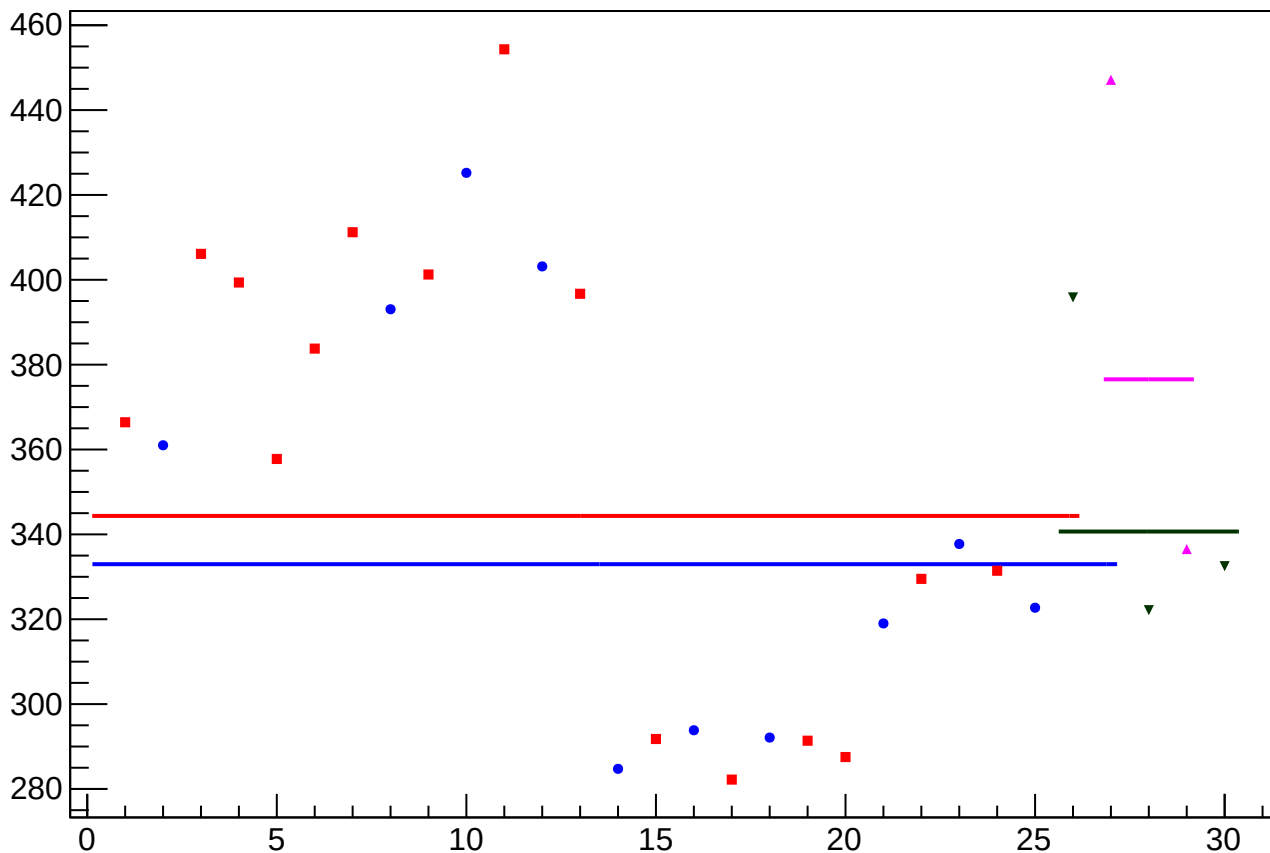
Right Out: -542.414 $\pm$ 130.529 χ^2 /NDF: 37.2/14

Left In: 182.155 $\pm$ 292.271 χ^2 /NDF: 0.2/1

0.300 $\pm$ 115.842 χ^2 /NDF: 40.8/12

-421.927 $\pm$ 119.183 χ^2 /NDF: 42.5/16

reg_asym_sam5_rms vs slug



Right In: 332.978+/-0.092 χ^2/NDF : 264544.2/9

Left Out: 340.669+/-0.180 χ^2/NDF : 24803.5/2

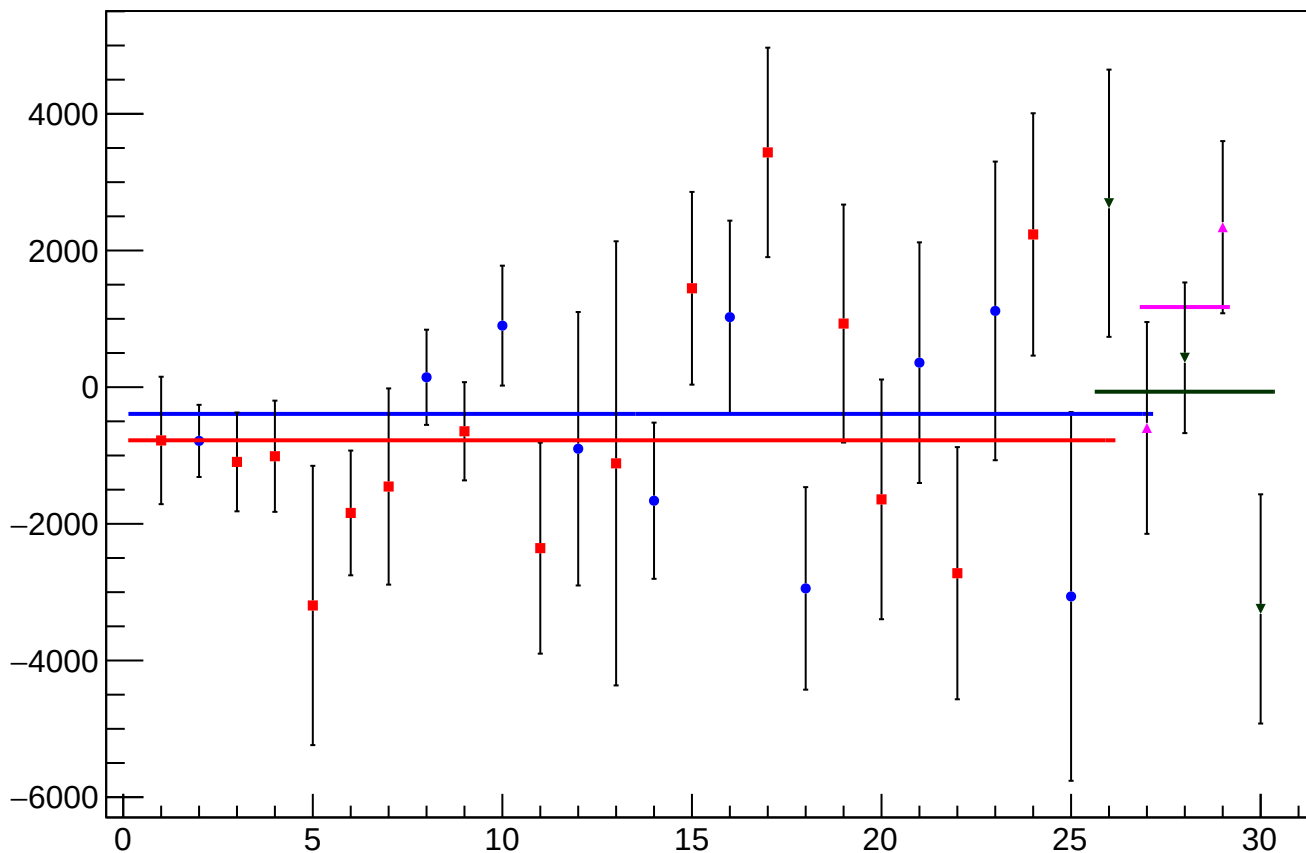
Right Out: 344.351+/-0.092 χ^2/NDF : 329747.2/14

Left In: 376.548+/-0.207 χ^2/NDF : 66115.8/1

334.563+/-0.082 χ^2/NDF : 290790.5/12

349.705+/-0.084 χ^2/NDF : 416098.1/16

asym_sam5_correction_mean vs slug



Right In: -391.068+/-322.930 χ^2/NDF : 10.2/9

Left Out: -66.428+/-833.351 χ^2/NDF : 5.8/2

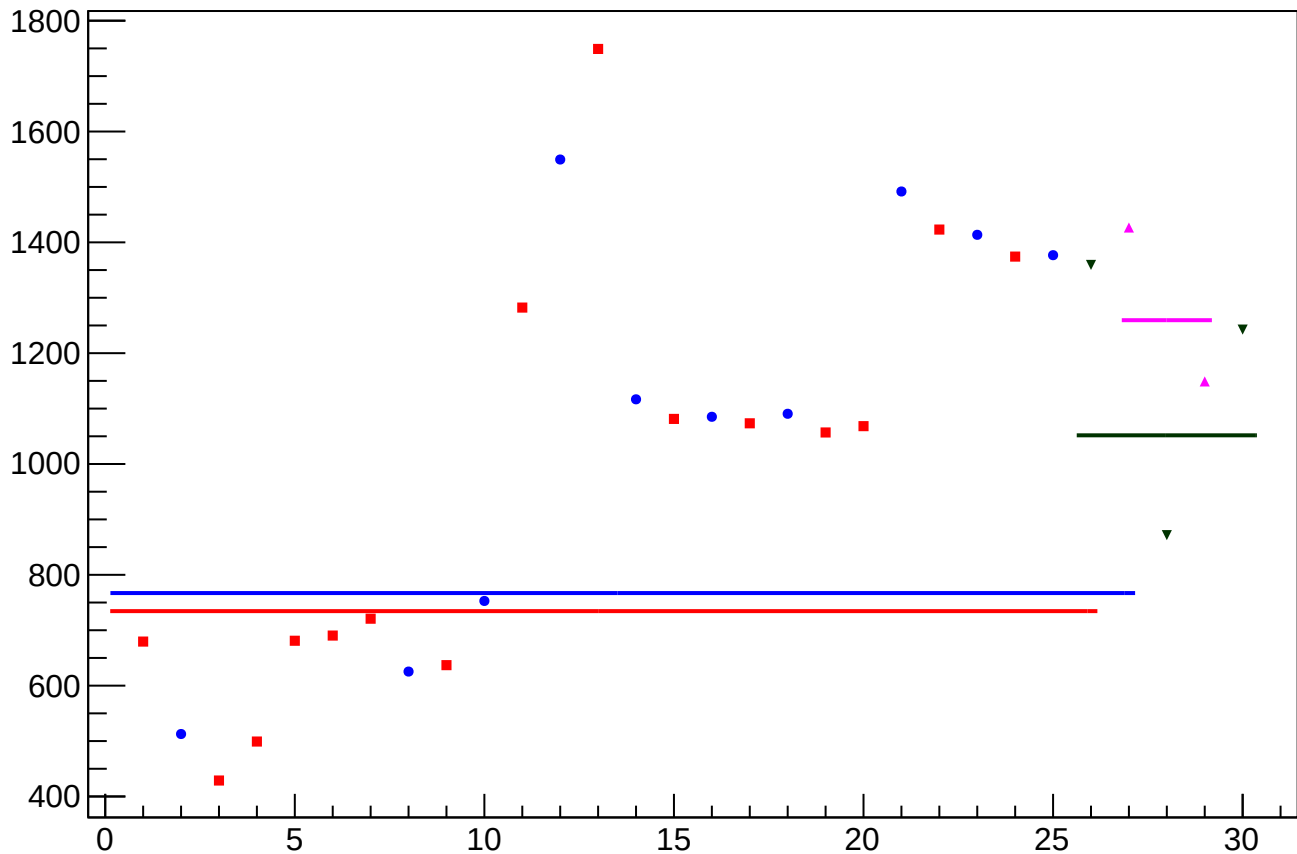
Right Out: -777.606+/-299.525 χ^2/NDF : 19.6/14

Left In: 1172.612+/-977.601 χ^2/NDF : 2.2/1

-348.684+/-301.112 χ^2/NDF : 16.1/12

-610.244+/-286.384 χ^2/NDF : 25.4/16

asym_sam5_correction_rms vs slug



Right In: 767.091+/-0.228 χ^2/NDF : 1853371.1/9

Left Out: 1051.754+/-0.589 χ^2/NDF :128760.3/2

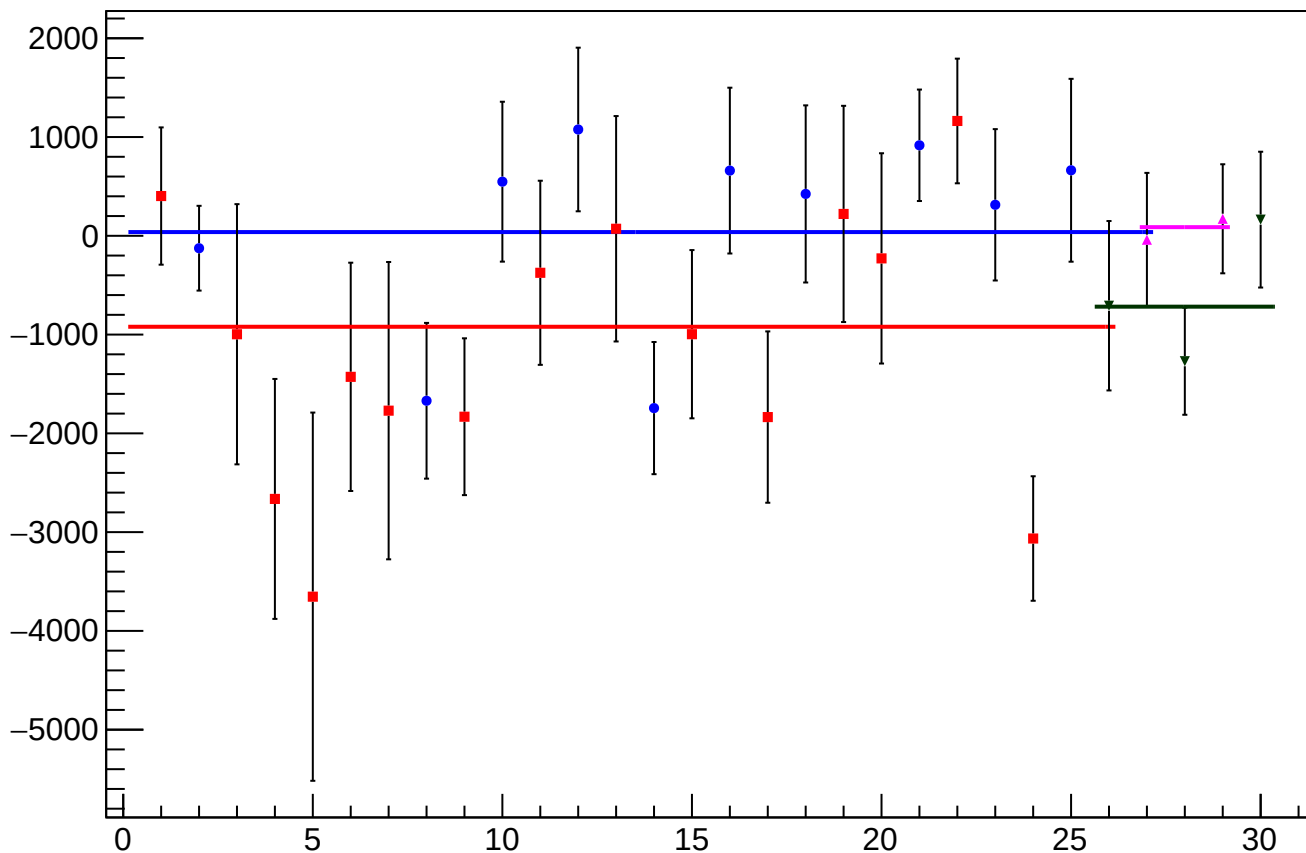
Right Out: 734.483+/-0.212 χ^2/NDF : 1920428.1/14

Left In: 1259.516+/-0.691 χ^2/NDF :38679.8/1

804.256+/-0.213 χ^2/NDF : 2185029.1/12

779.540+/-0.203 χ^2/NDF : 2486473.8/16

reg_asym_sam6_mean vs slug



Right In: 37.864 $\pm$ 218.577 χ^2 /NDF: 17.6/9

Left Out: -717.370 $\pm$ 381.383 χ^2 /NDF:2.7/2

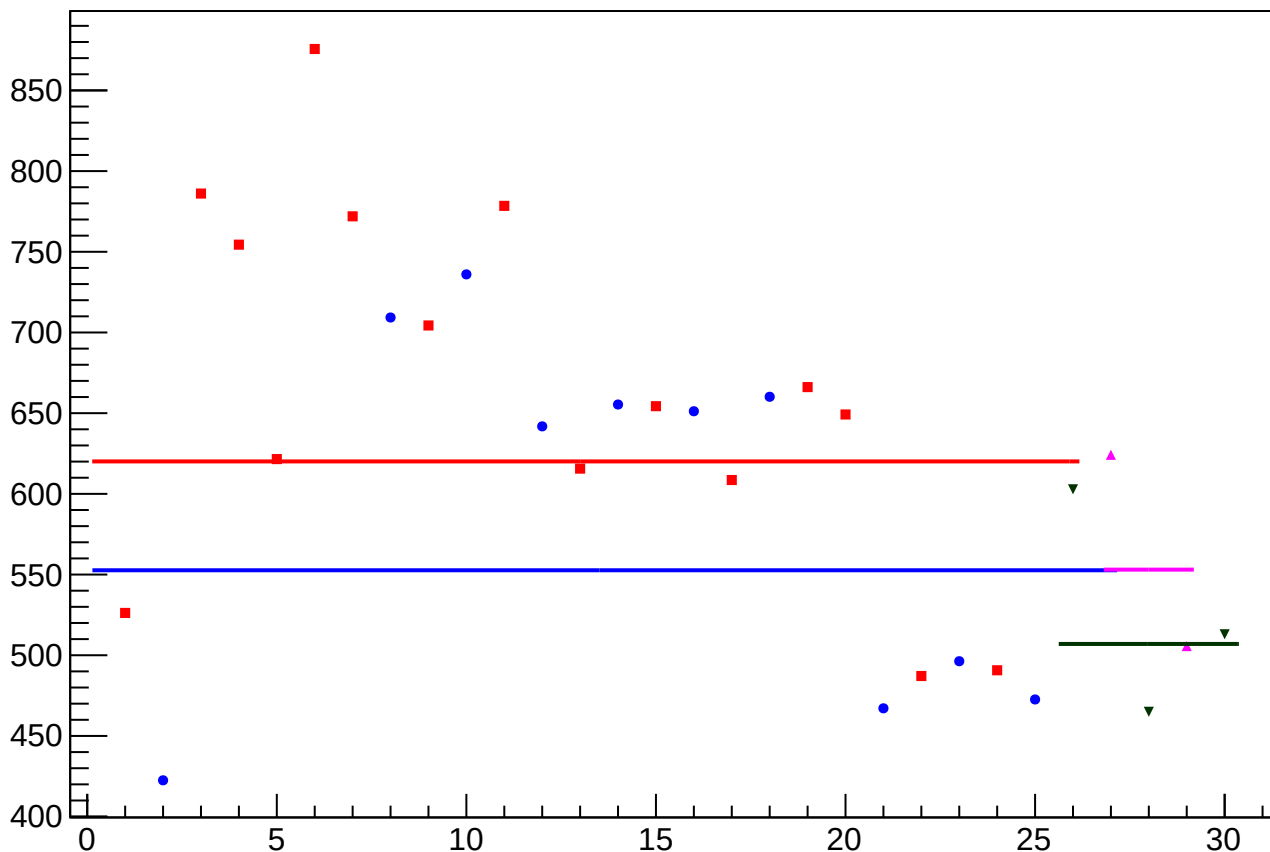
Right Out: -920.785 $\pm$ 237.273 χ^2 /NDF: 35.9/14

Left In: 87.653 $\pm$ 427.734 χ^2 /NDF:0.1/1

-148.867 $\pm$ 189.640 χ^2 /NDF: 23.3/12

-683.491 $\pm$ 207.488 χ^2 /NDF: 40.2/16

reg_asym_sam6_rms vs slug



Right In: 552.660+/-0.155 χ^2/NDF : 563848.4/9

Left Out: 507.010+/-0.270 χ^2/NDF : 37134.1/2

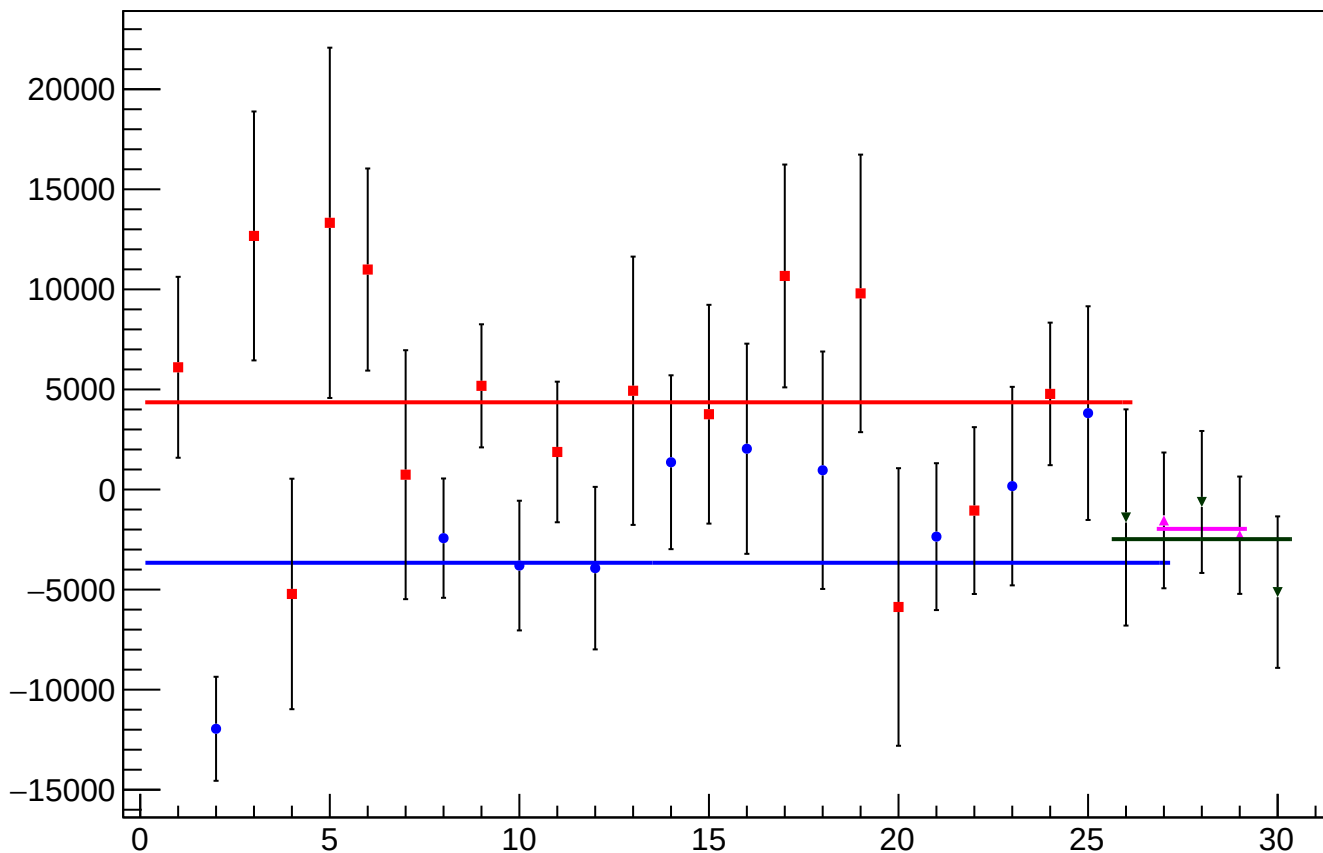
Right Out: 620.102+/-0.168 χ^2/NDF : 472896.8/14

Left In: 553.053+/-0.302 χ^2/NDF : 36852.3/1

541.373+/-0.134 χ^2/NDF : 622551.4/12

604.325+/-0.147 χ^2/NDF : 547329.7/16

asym_sam6_correction_mean vs slug



Right In: -3660.441 $\pm$ 1208.903 χ^2 /NDF: 16.2/9

Left Out: -2480.012 $\pm$ 2333.892 χ^2 /NDF: 0.8/2

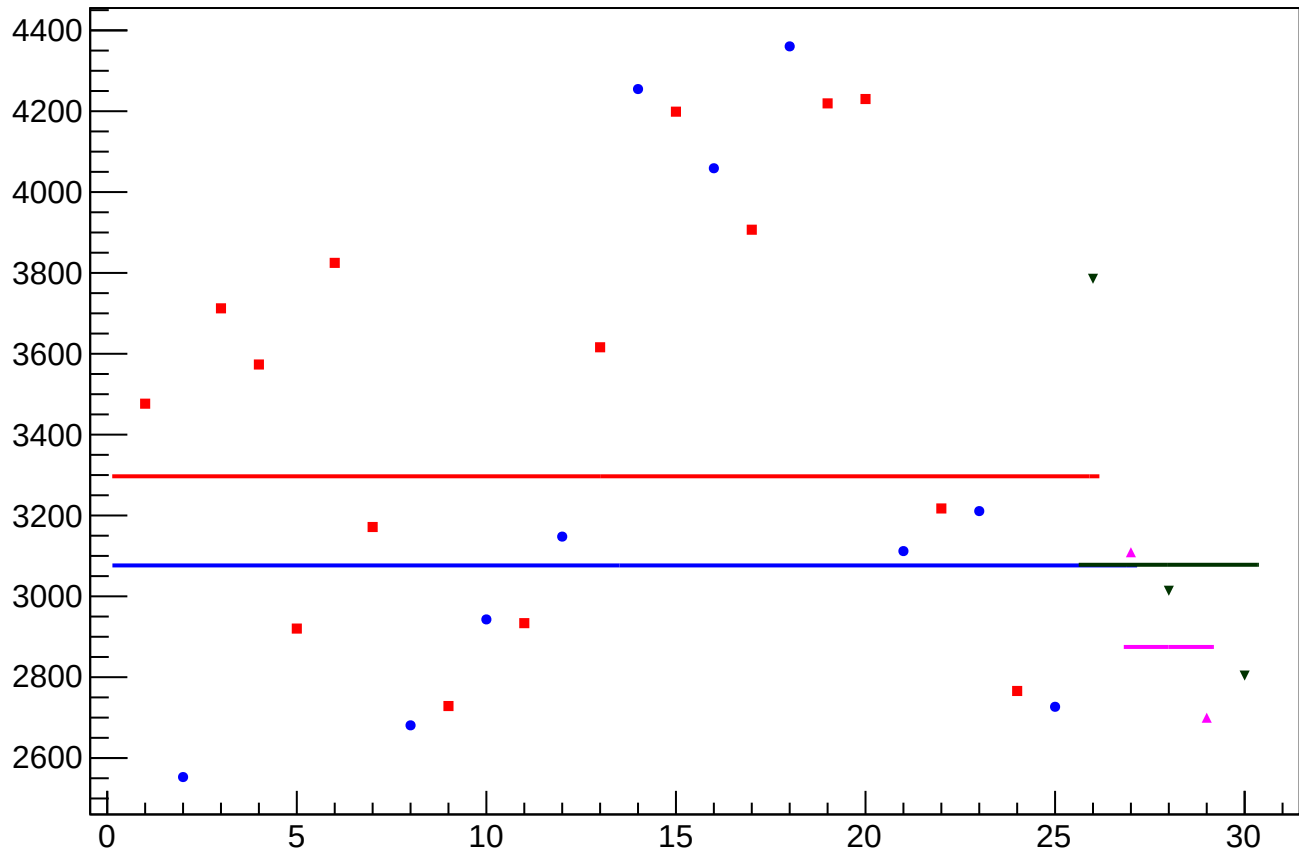
Right Out: 4357.667 $\pm$ 1254.033 χ^2 /NDF: 14.2/14

Left In: -1966.988 $\pm$ 2217.643 χ^2 /NDF: 0.0/1

-3410.729 $\pm$ 1073.446 χ^2 /NDF: 17.2/12

2825.260 $\pm$ 1091.592 χ^2 /NDF: 20.4/16

asym_sam6_correction_rms vs slug



Right In: 3076.441+/-0.855 χ^2 /NDF: 441544.6/9

Left Out: 3078.074+/-1.650 χ^2 /NDF:45448.2/2

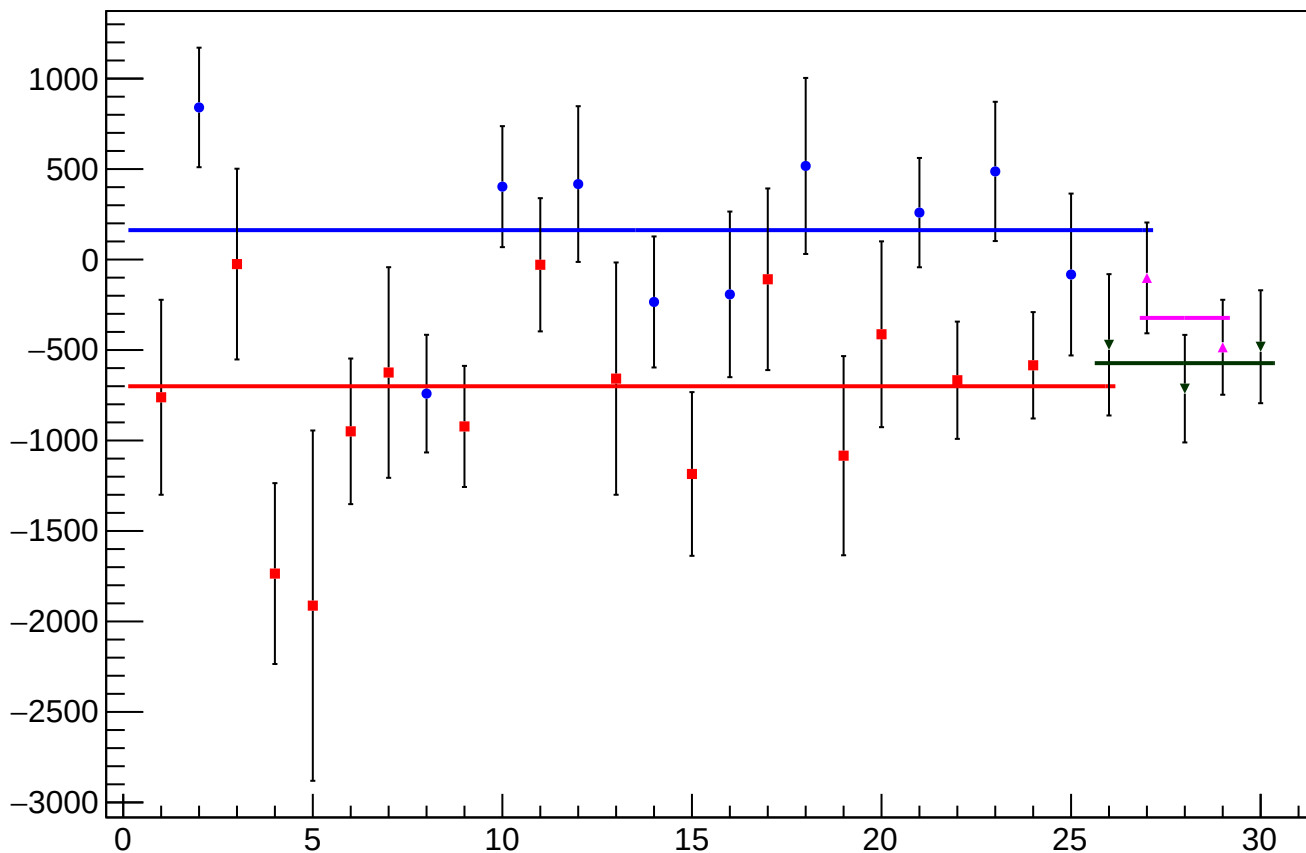
3076.787+/-0.759 χ^2 /NDF: 486993.6/12

Right Out: 3296.927+/-0.887 χ^2 /NDF: 332585.7/14

3194.651+/-0.772 χ^2 /NDF: 404165.8/16

Left In: 2874.807+/-1.568 χ^2 /NDF:16674.0/1

reg_asym_sam7_mean vs slug



Right In: 162.480 $\pm$ 117.592 χ^2/NDF : 16.3/9

Left Out: -572.550 $\pm$ 188.477 χ^2/NDF : 0.4/2

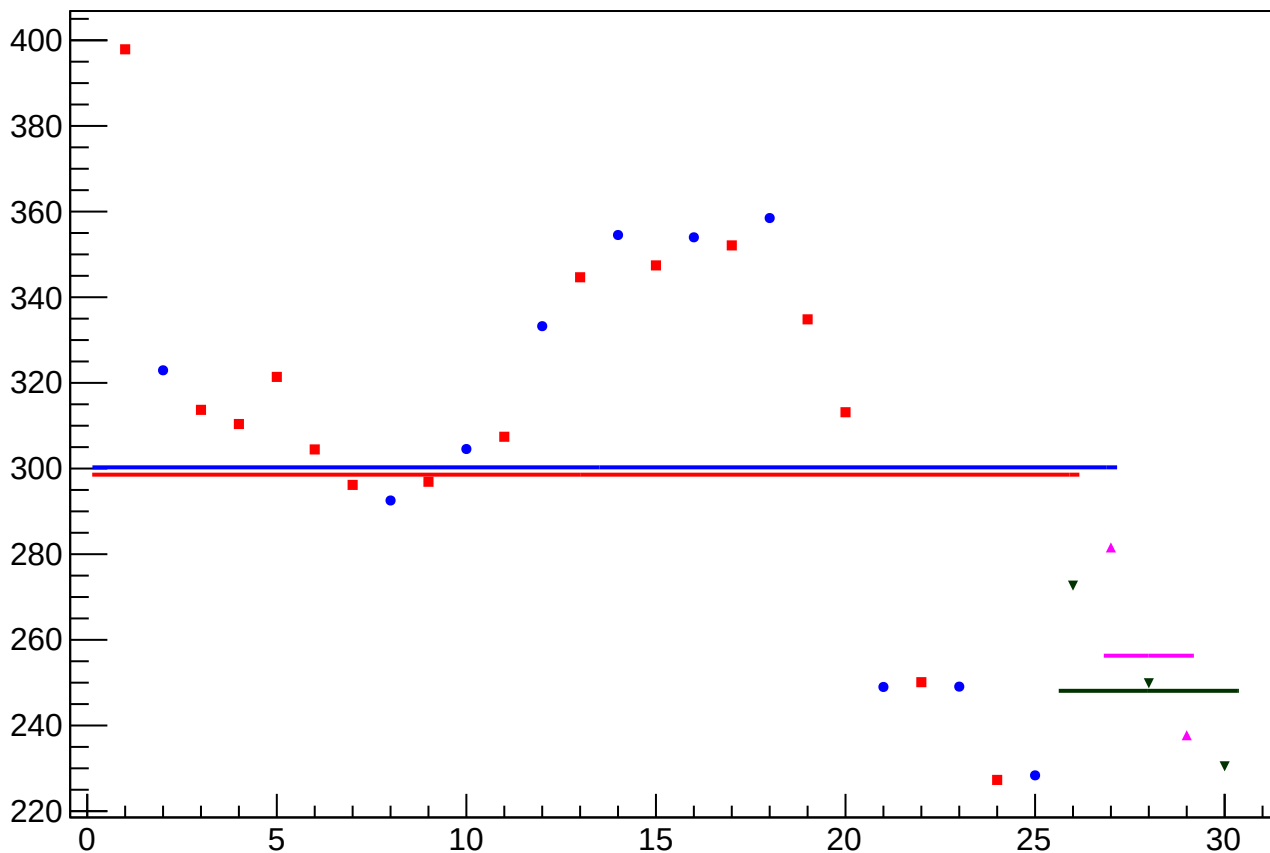
Right Out: -700.225 $\pm$ 113.933 χ^2/NDF : 15.2/14

Left In: -322.482 $\pm$ 199.222 χ^2/NDF : 0.9/1

-43.470 $\pm$ 99.767 χ^2/NDF : 27.6/12

-607.129 $\pm$ 98.902 χ^2/NDF : 18.8/16

reg_asym_sam7_rms vs slug



Right In: 300.278+/-0.083 χ^2/NDF : 268477.7/9

Left Out: 248.098+/-0.133 χ^2/NDF : 14366.9/2

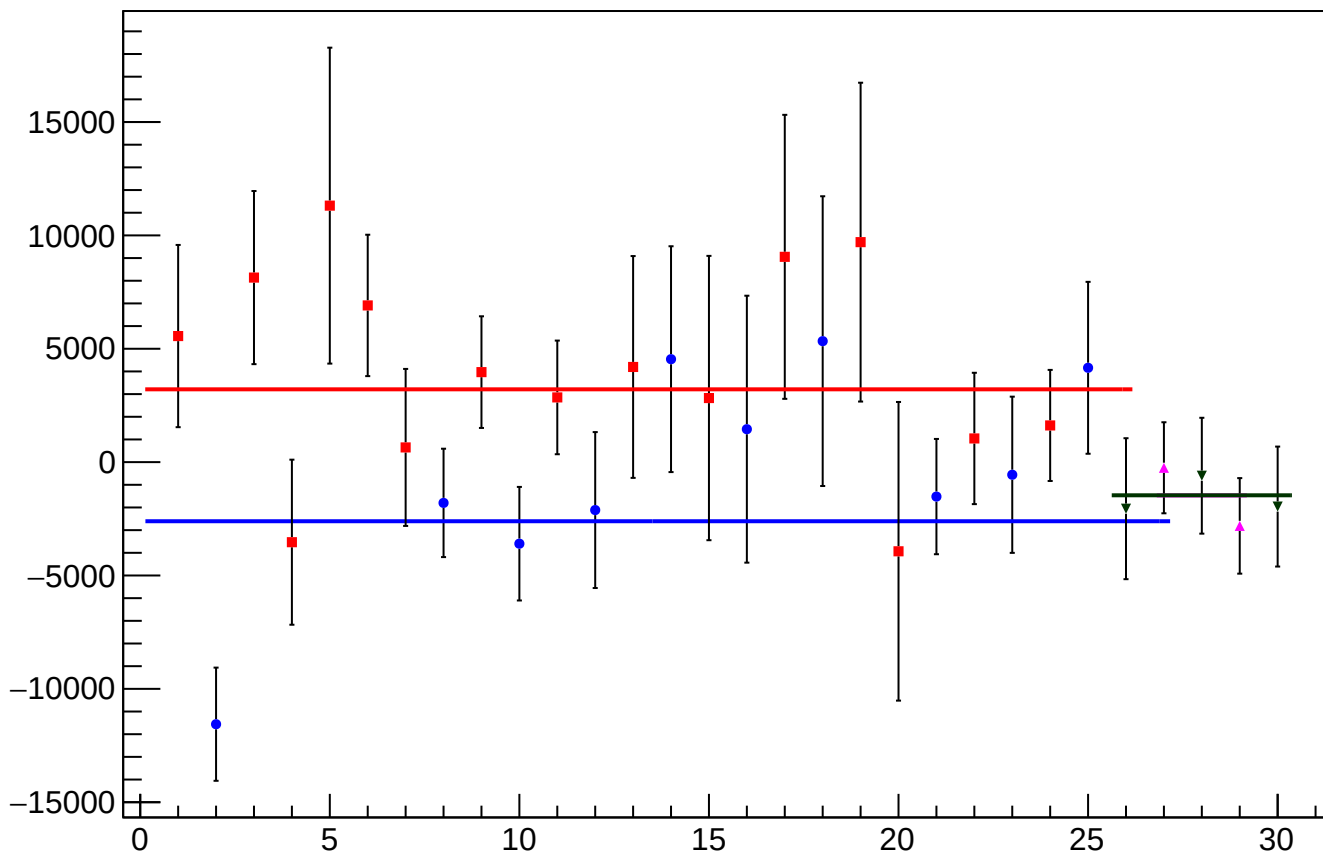
Right Out: 298.572+/-0.081 χ^2/NDF : 302563.1/14

Left In: 256.299+/-0.141 χ^2/NDF : 23661.5/1

285.658+/-0.071 χ^2/NDF : 393185.3/12

288.153+/-0.070 χ^2/NDF : 394079.9/16

asym_sam7_correction_mean vs slug



Right In: -2607.057 $\pm$ 1009.255 χ^2 /NDF: 21.0/9

Left Out: -1462.835 $\pm$ 1582.033 χ^2 /NDF: 0.2/2

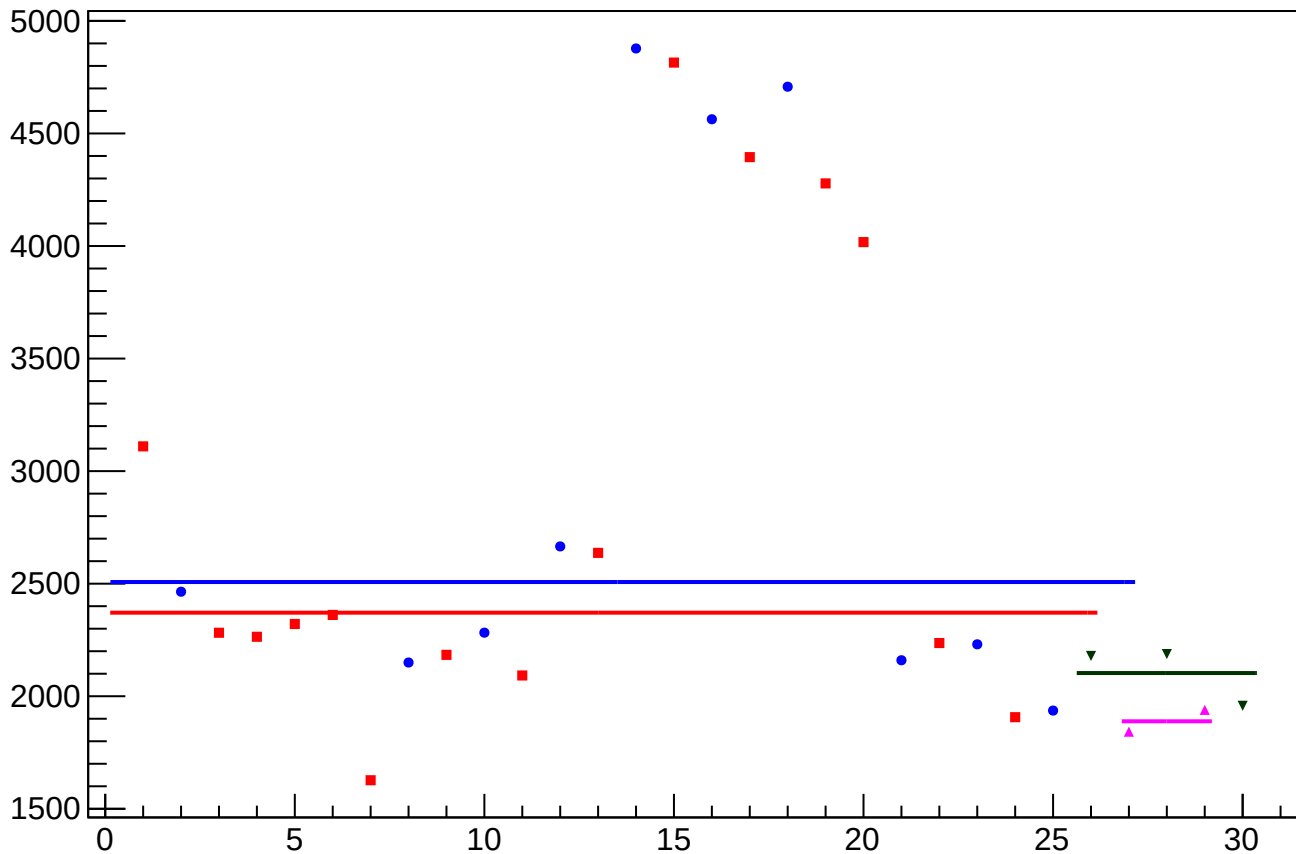
Right Out: 3210.957 $\pm$ 928.952 χ^2 /NDF: 12.8/14

Left In: -1468.776 $\pm$ 1453.542 χ^2 /NDF: 0.8/1

-2276.083 $\pm$ 850.859 χ^2 /NDF: 21.5/12

1853.852 $\pm$ 782.751 χ^2 /NDF: 20.9/16

asym_sam7_correction_rms vs slug



Right In: 2507.353+/-0.714 χ^2/NDF : 1095433.4/9

Left Out: 2103.034+/-1.119 χ^2/NDF :9416.3/2

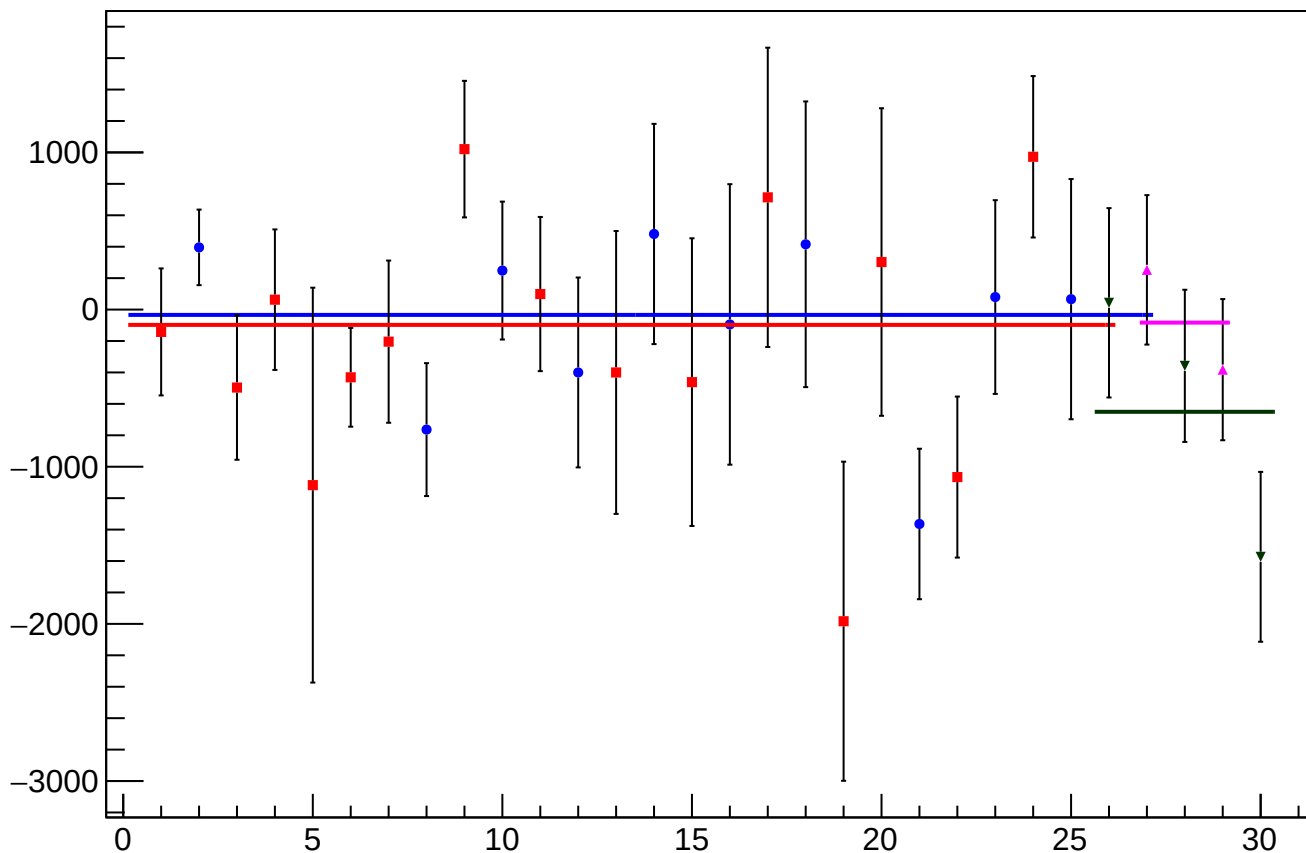
2390.401+/-0.602 χ^2/NDF : 1197694.7/12

Right Out: 2371.199+/-0.657 χ^2/NDF : 1066035.6/14

2231.278+/-0.553 χ^2/NDF : 1224716.1/16

Left In: 1888.707+/-1.028 χ^2/NDF :2215.8/1

reg_asym_sam8_mean vs slug



Right In: -33.856 $\pm$ 150.687 χ^2 /NDF: 15.5/9

Left Out: -650.502 $\pm$ 309.431 χ^2 /NDF: 4.6/2

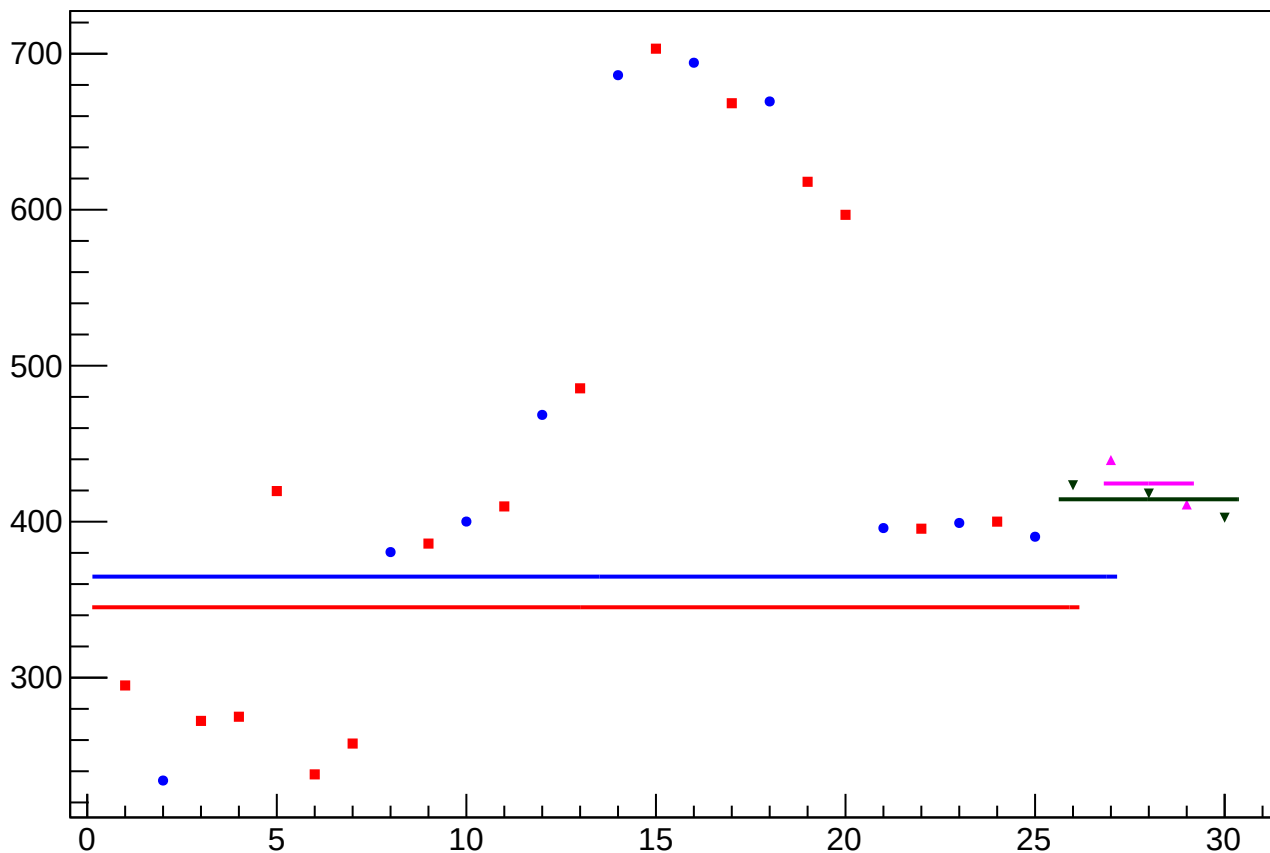
Right Out: -97.540 $\pm$ 137.380 χ^2 /NDF: 22.0/14

Left In: -82.923 $\pm$ 326.533 χ^2 /NDF: 0.9/1

-152.061 $\pm$ 135.476 χ^2 /NDF: 23.3/12

-95.342 $\pm$ 126.629 χ^2 /NDF: 23.0/16

reg_asym_sam8_rms vs slug



Right In: 364.784+/-0.107 χ^2/NDF : 1601328.8/9

Left Out: 414.358+/-0.219 χ^2/NDF :1514.5/2

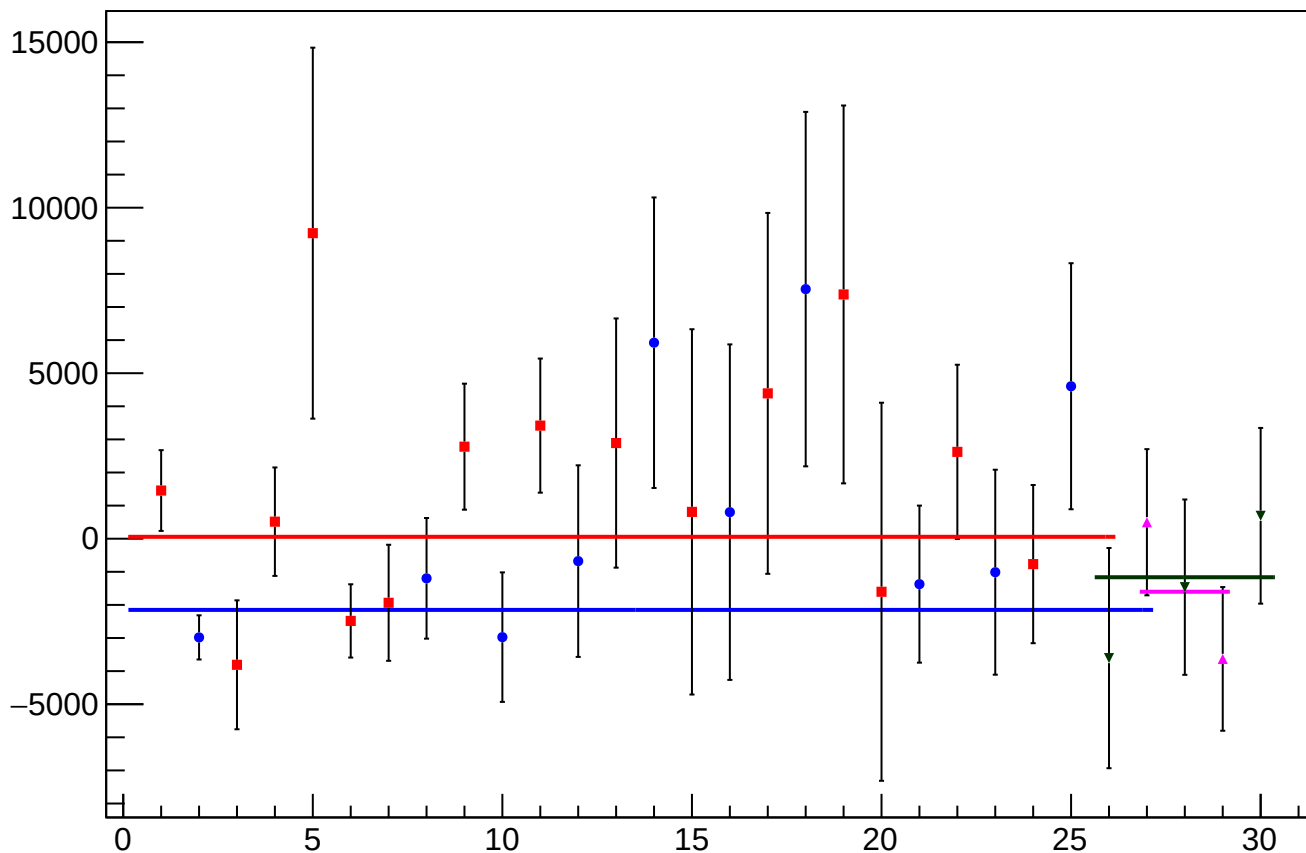
Right Out: 345.131+/-0.097 χ^2/NDF : 1383444.4/14

Left In: 424.482+/-0.231 χ^2/NDF :3792.7/1

374.287+/-0.096 χ^2/NDF : 1644337.0/12

357.064+/-0.090 χ^2/NDF : 1487583.3/16

asym_sam8_correction_mean vs slug



Right In: -2150.680+/-541.702 χ^2/NDF : 12.8/9

Left Out: -1164.105+/-1633.330 χ^2/NDF : 1.0/2

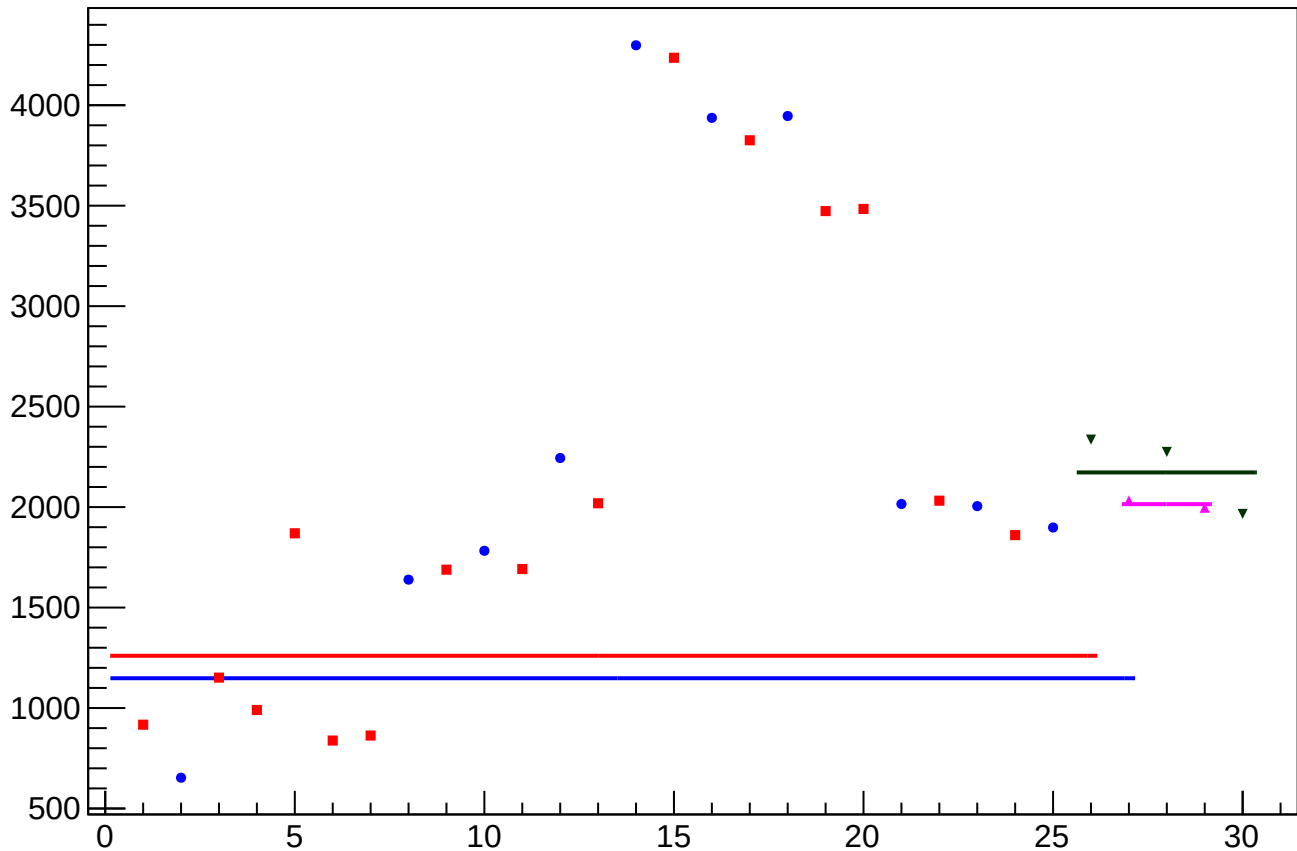
Right Out: 57.580+/-533.081 χ^2/NDF : 23.4/14

Left In: -1602.121+/-1547.827 χ^2/NDF : 1.8/1

-2052.916+/-514.162 χ^2/NDF : 14.2/12

-118.411+/-504.025 χ^2/NDF : 26.2/16

asym_sam8_correction_rms vs slug



Right In: 1148.272+/-0.383 χ^2/NDF : 4426192.5/9

Left Out: 2172.558+/-1.155 χ^2/NDF :19872.4/2

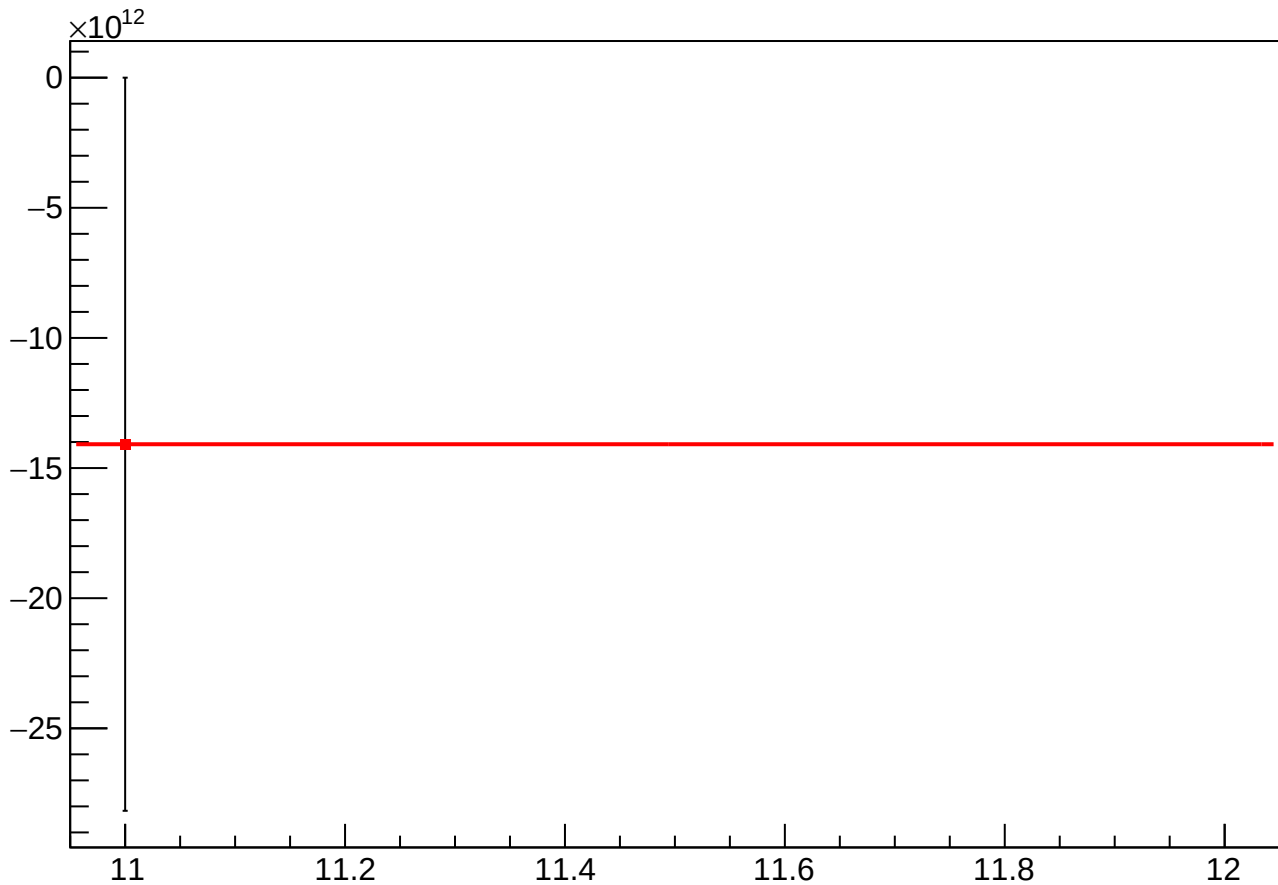
1249.773+/-0.364 χ^2/NDF : 5154669.7/12

Right Out: 1260.091+/-0.377 χ^2/NDF : 2835572.6/14

1340.096+/-0.356 χ^2/NDF : 3260677.0/16

Left In: 2014.587+/-1.094 χ^2/NDF :271.5/1

bcm_an_us_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

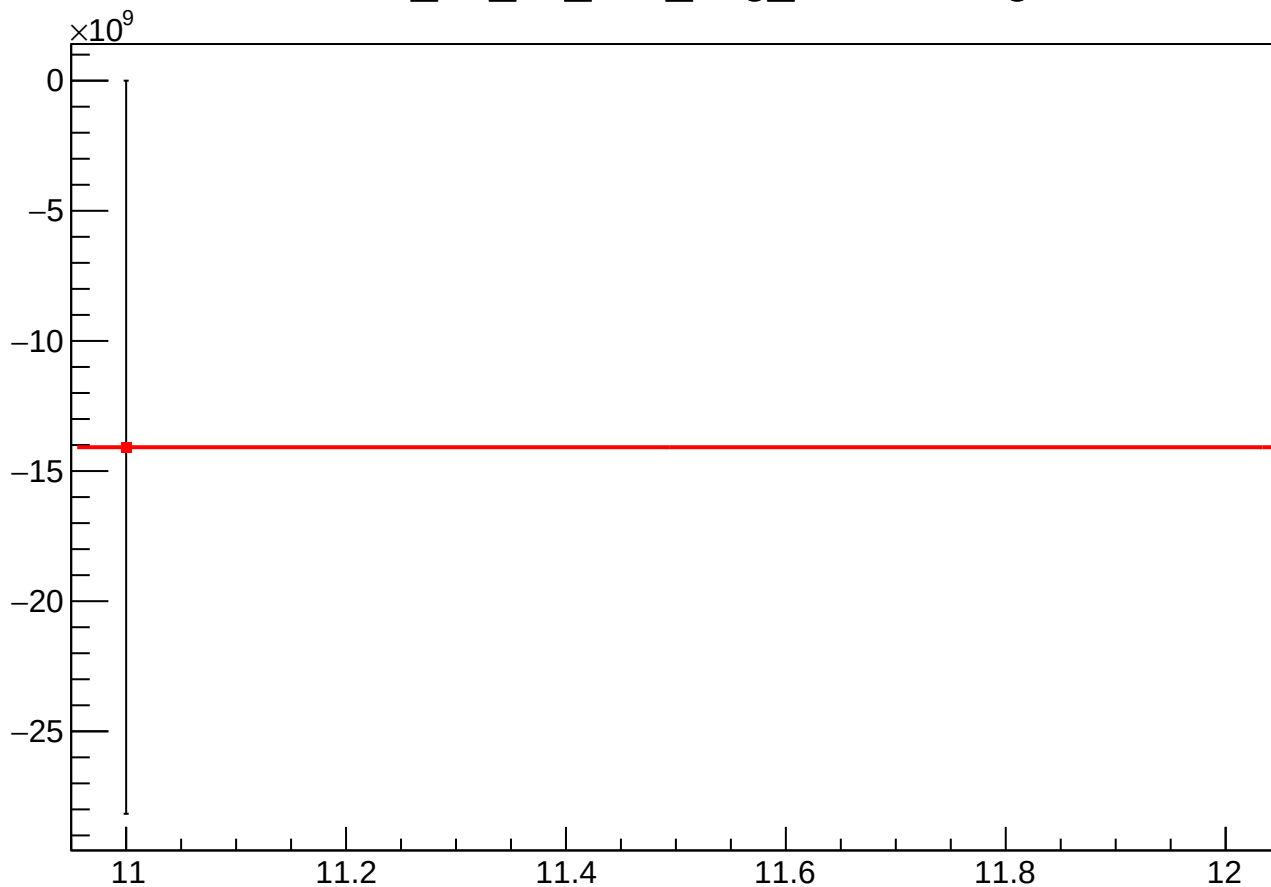
0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0

-14084507042253.520+/-14084507042253.535

Left In: 0.000+/-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

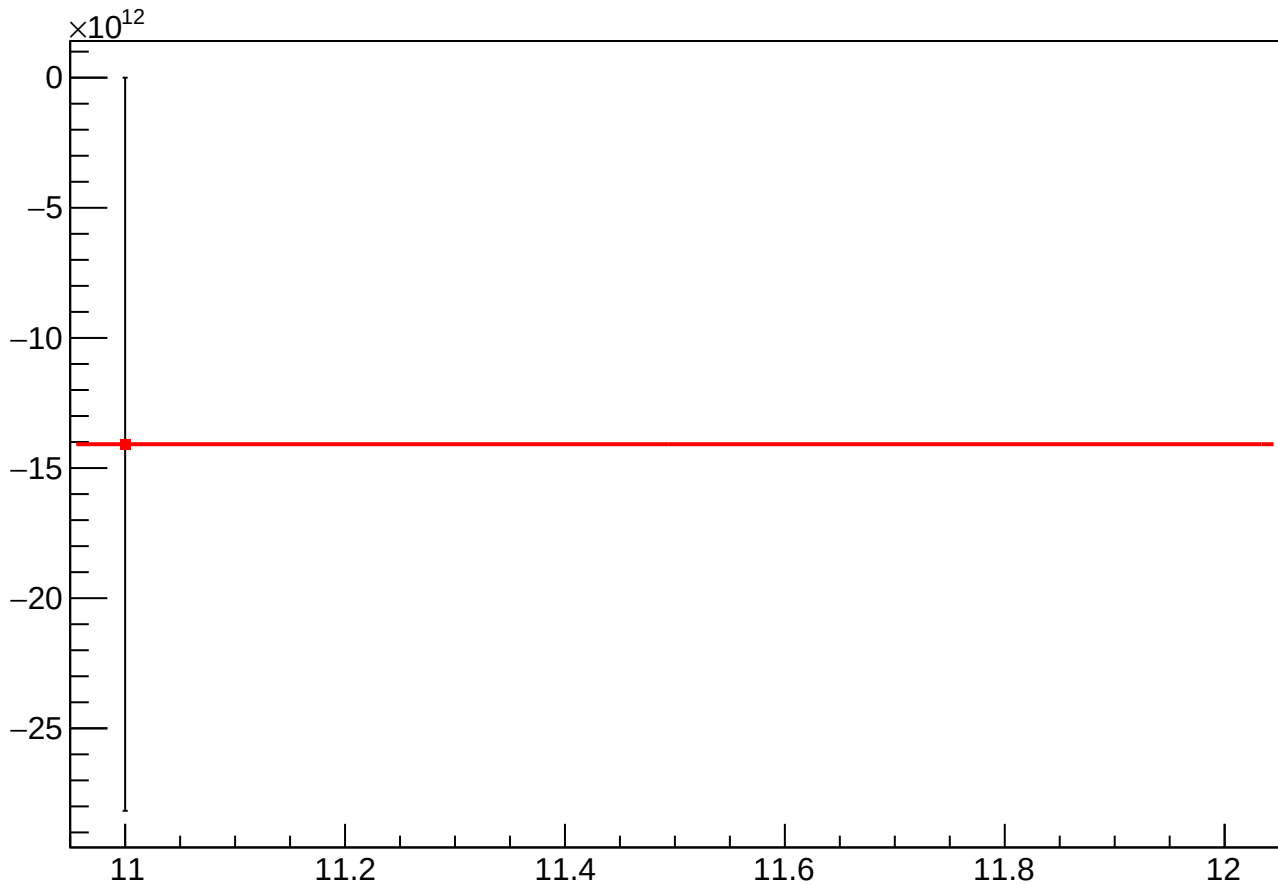
Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

-14084507042.254+/-14084507042.254 χ^2/ND

bcm_an_ds_ds3_avg_mean vs slug



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

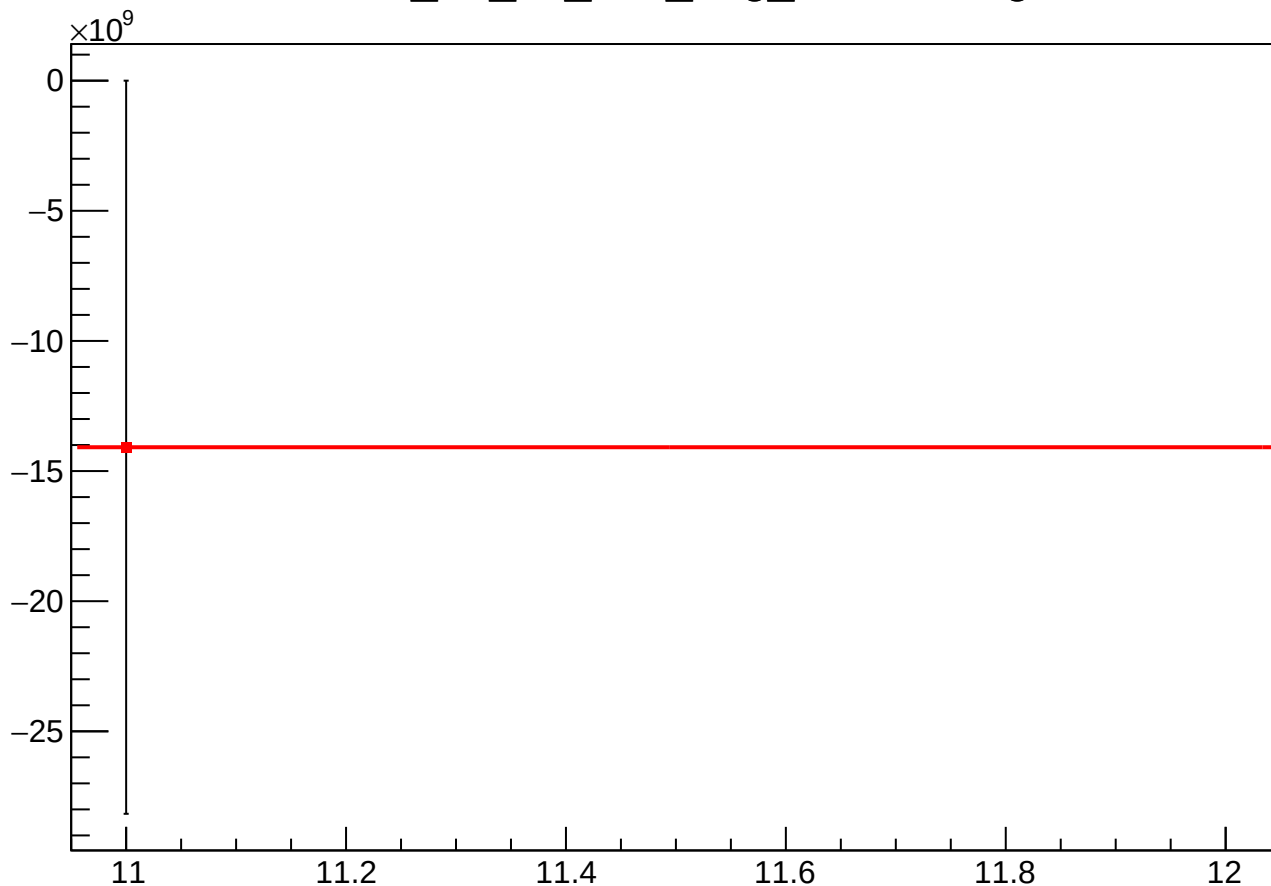
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0
-14084507042253.520+/-14084507042253.535

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

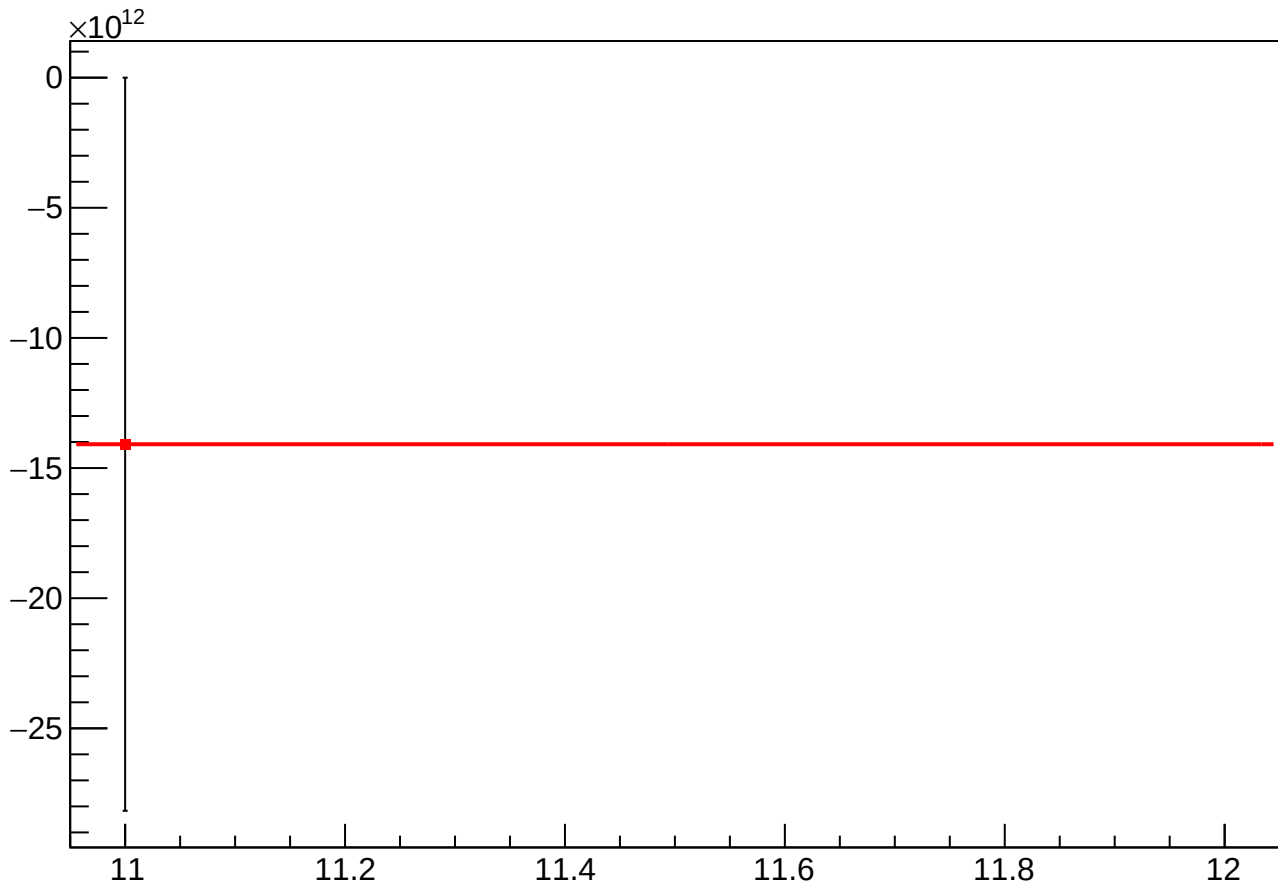
Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

-14084507042.254+/-14084507042.254 χ^2/ND

bcm_dg_us_ds3_avg_mean vs slug



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

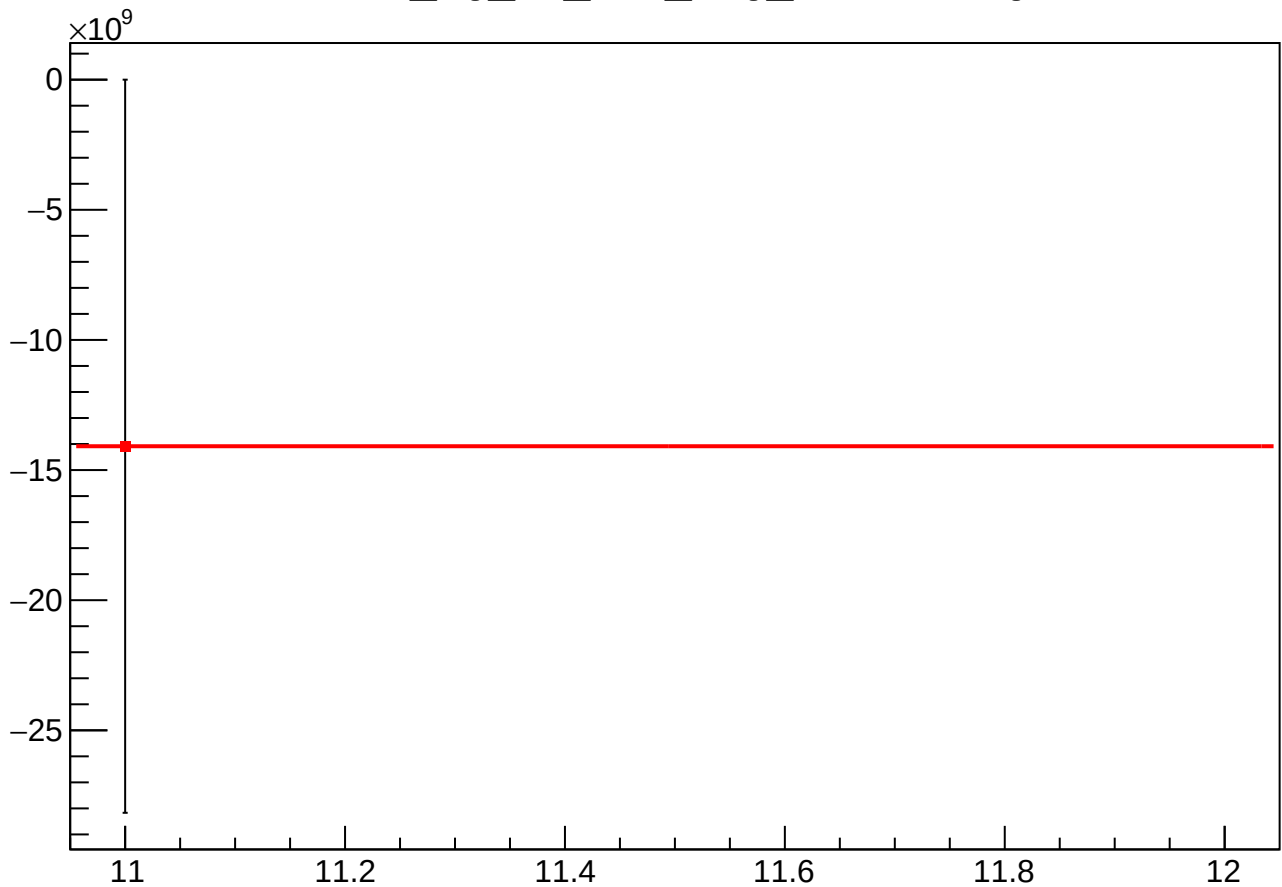
0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0
-14084507042253.520+/-14084507042253.535

Left In: 0.000+/-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

0.000+/-0.000 χ^2/NDF : 0.0/0

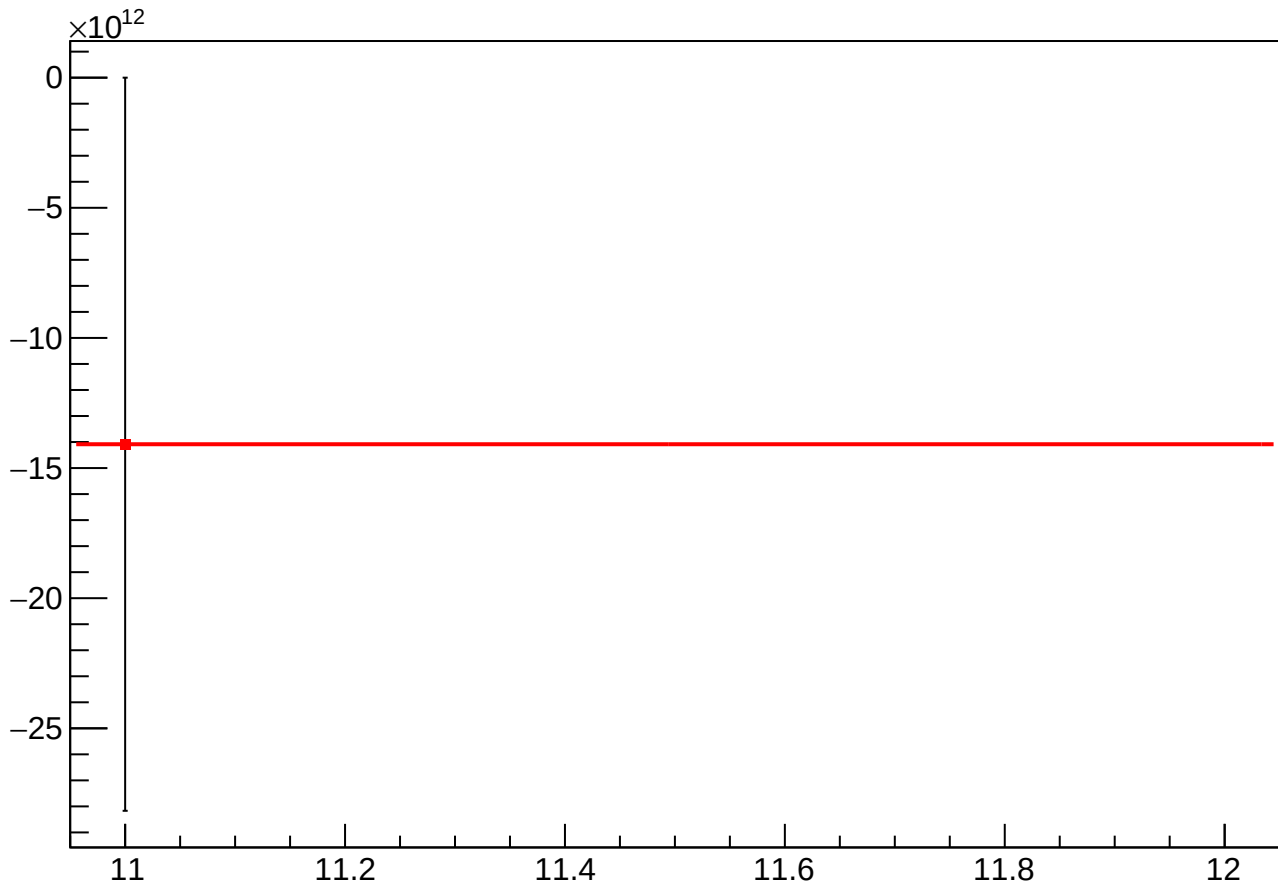
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

-14084507042.254+/-14084507042.254 χ^2/ND

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

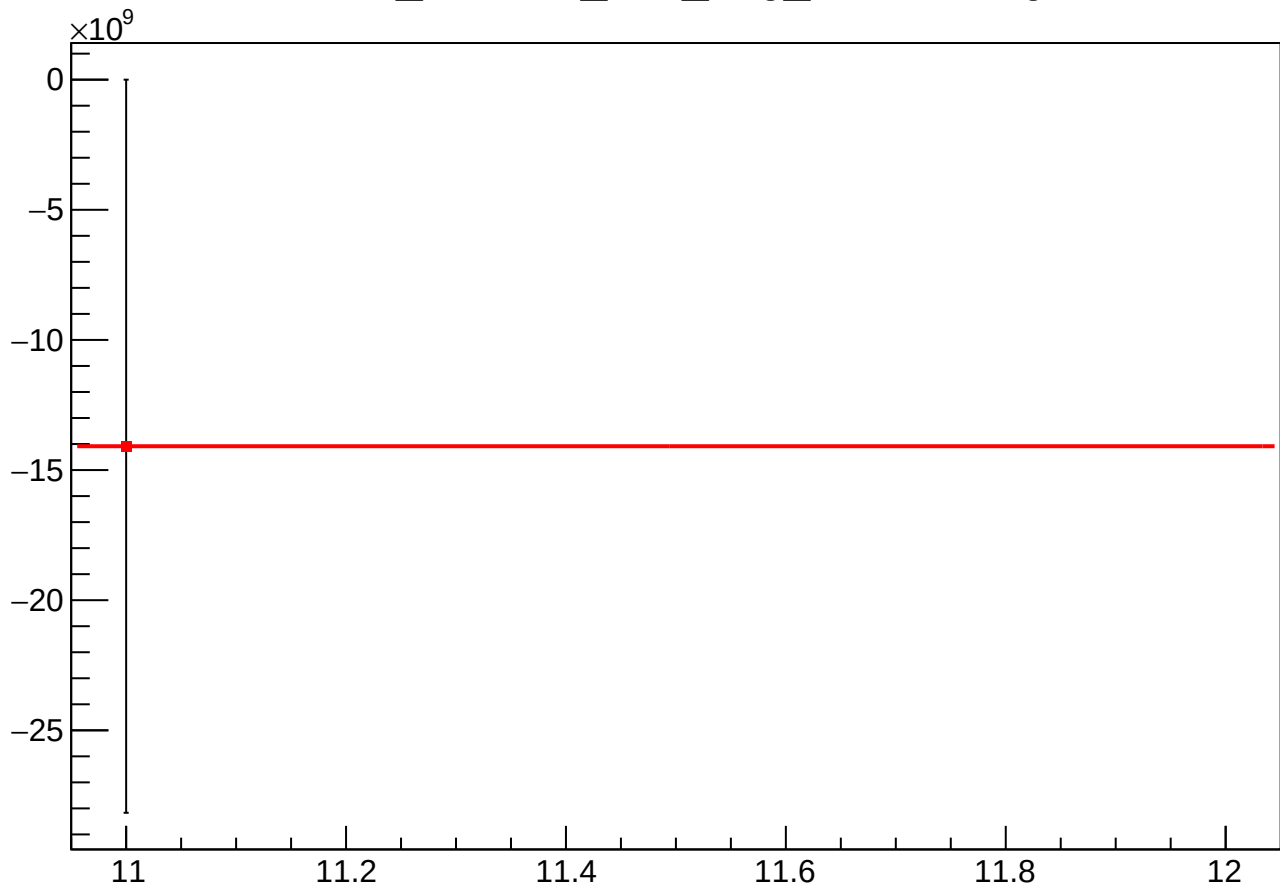
0.000+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -14084507042253.520+/-14084507042253.535 χ^2/NDF : 0.0/0
-14084507042253.520+/-14084507042253.535

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

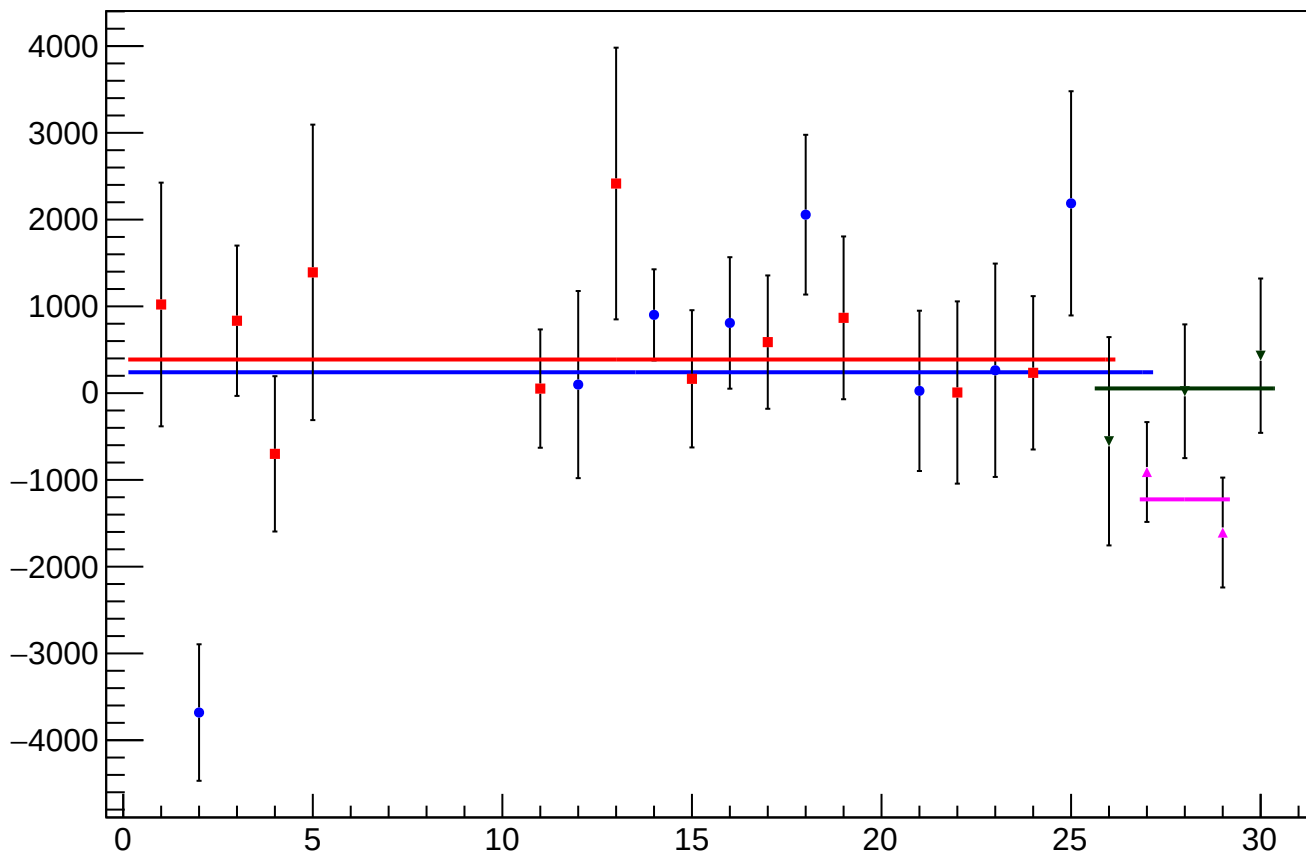
0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -14084507042.254+/-14084507042.254 χ^2/NDF : 0.0/0

-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: 240.680 $\pm$ 295.466 χ^2 /NDF: 33.2/7

Left Out: 54.186 $\pm$ 524.068 χ^2 /NDF:0.4/2

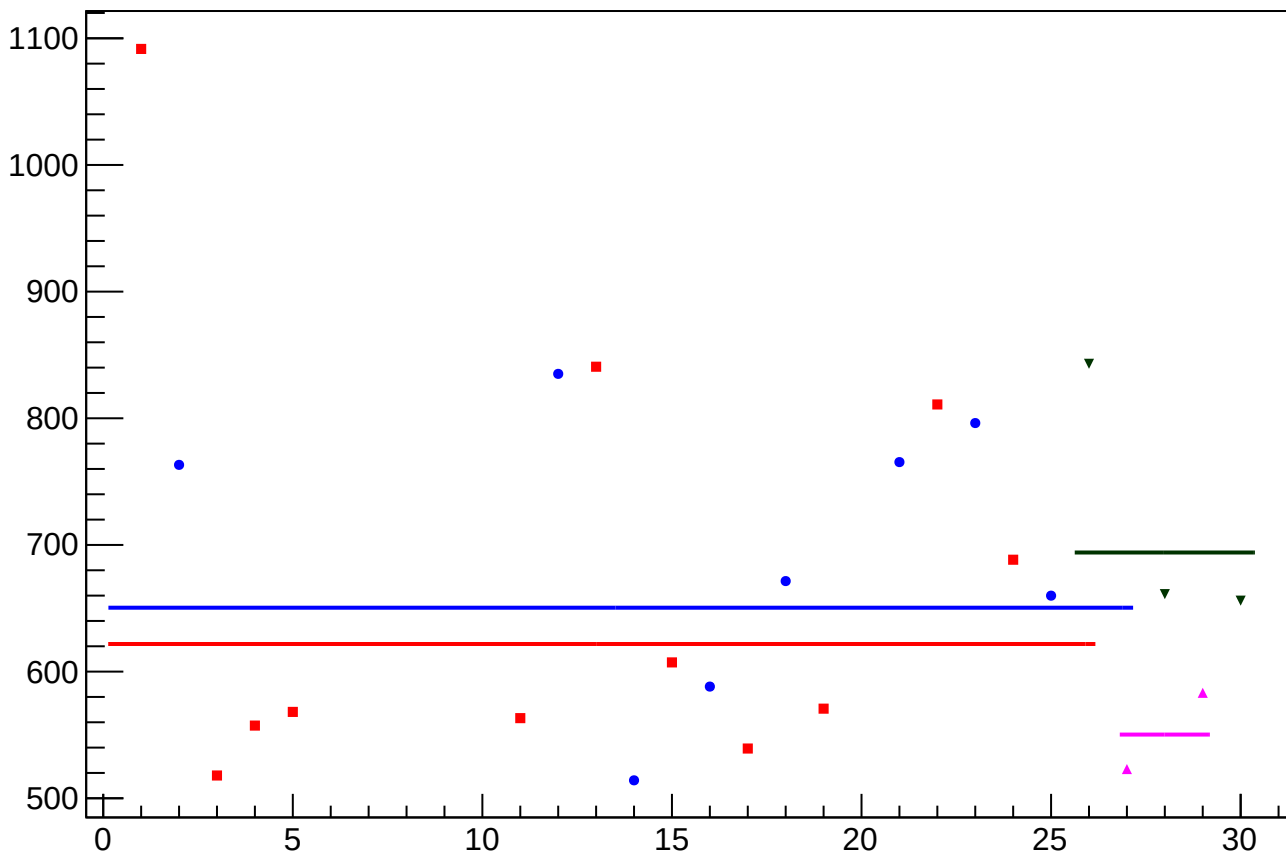
Right Out: 387.573 $\pm$ 281.636 χ^2 /NDF: 4.8/10

Left In: -1224.440 $\pm$ 425.866 χ^2 /NDF:0.7/1

195.699 $\pm$ 257.378 χ^2 /NDF: 33.8/10

-102.923 $\pm$ 234.913 χ^2 /NDF: 15.4/12

asym_left_avg_rms vs slug



Right In: 650.454+/-0.209 χ^2/NDF : 308139.0/7

Left Out: 694.035+/-0.371 χ^2/NDF : 38091.2/2

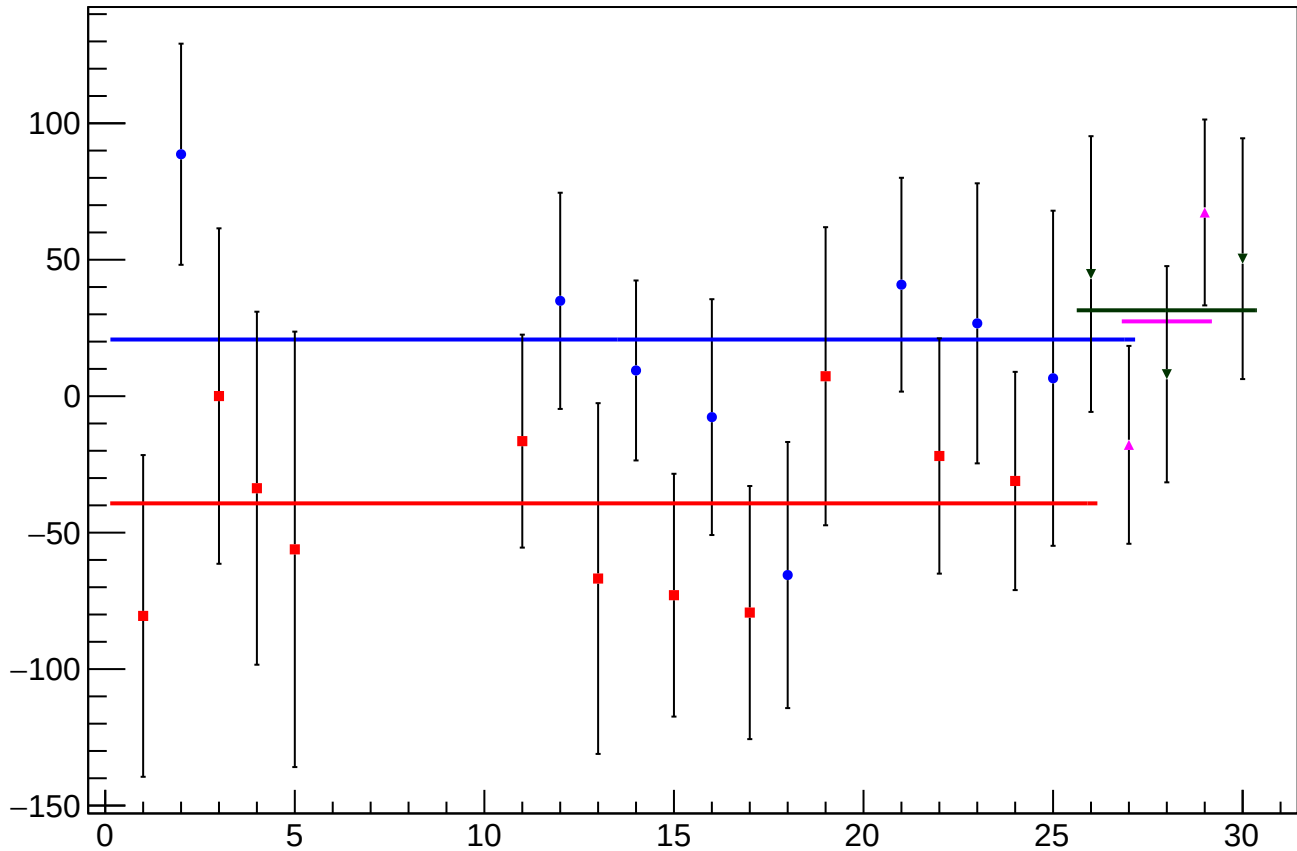
Right Out: 621.796+/-0.199 χ^2/NDF : 424584.3/10

Left In: 550.288+/-0.301 χ^2/NDF : 9898.4/1

660.965+/-0.182 χ^2/NDF : 356724.9/10

600.038+/-0.166 χ^2/NDF : 473714.5/12

asym_left_dd_mean vs slug



Right In: 20.768 $\pm$ 15.043 χ^2/NDF : 6.9/7

Left Out: 31.473 $\pm$ 25.459 χ^2/NDF : 0.6/2

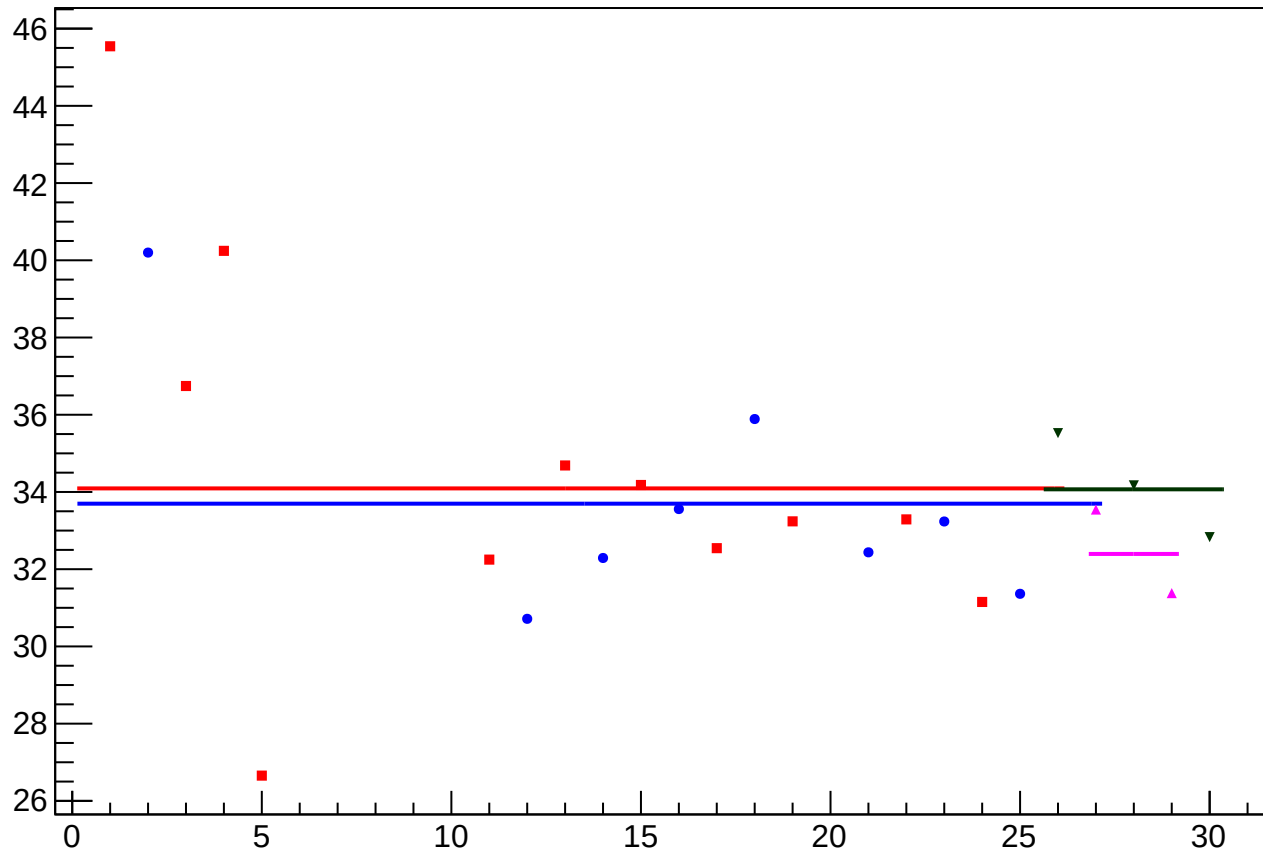
Right Out: -39.270 $\pm$ 15.220 χ^2/NDF : 3.7/10

Left In: 27.409 $\pm$ 24.823 χ^2/NDF : 2.9/1

23.538 $\pm$ 12.951 χ^2/NDF : 7.7/10

-21.052 $\pm$ 12.975 χ^2/NDF : 11.9/12

asym_left_dd_rms vs slug



Right In: 33.697+/-0.011 χ^2/NDF : 75675.6/7

Left Out: 34.069+/-0.018 χ^2/NDF : 3248.0/2

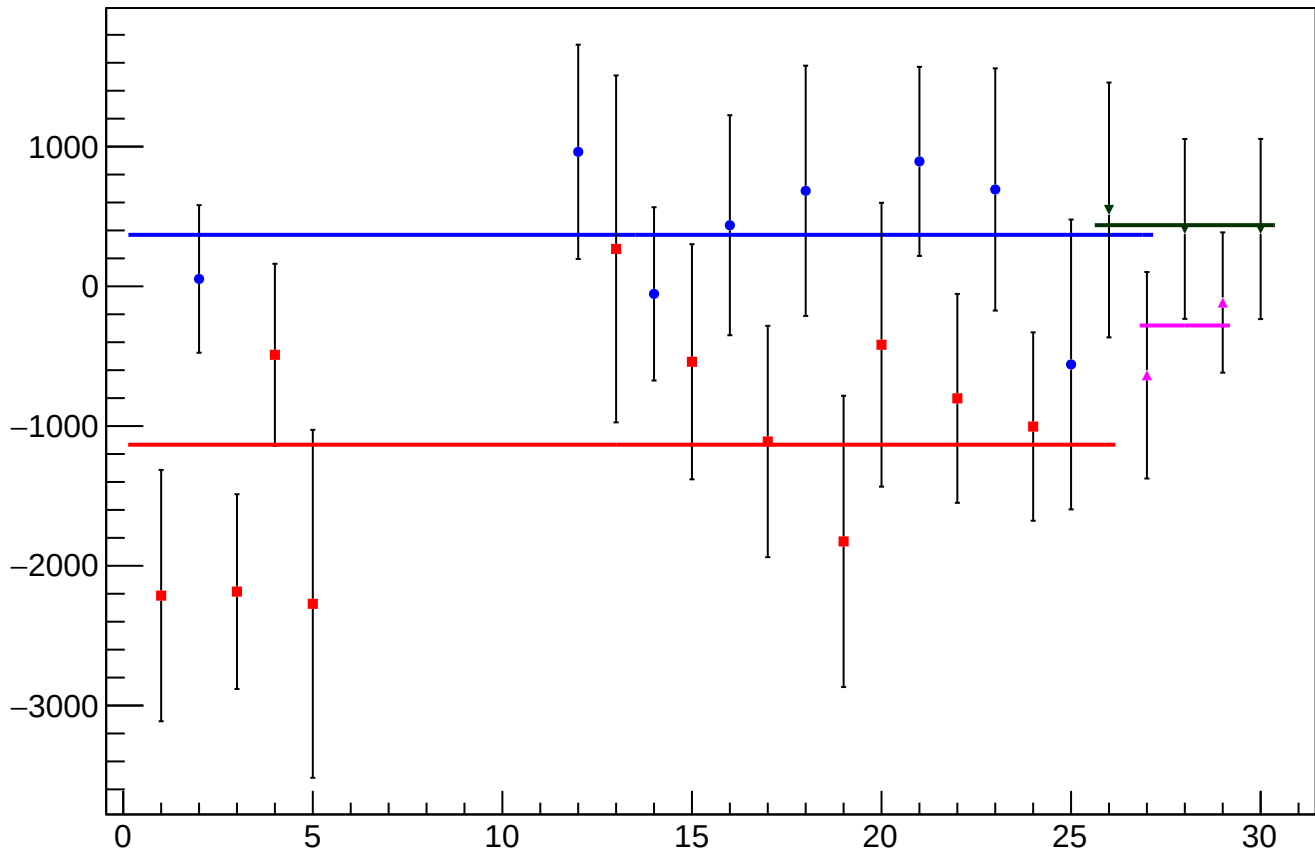
Right Out: 34.092+/-0.011 χ^2/NDF : 133539.8/10

Left In: 32.395+/-0.018 χ^2/NDF : 3786.4/1

33.793+/-0.009 χ^2/NDF : 79239.7/10

33.629+/-0.009 χ^2/NDF : 144121.3/12

asym_right_avg_mean vs slug



Right In: 368.625 ± 256.562 χ^2/NDF : 3.1/7

Left Out: 437.791 ± 407.479 χ^2/NDF : 0.0/2

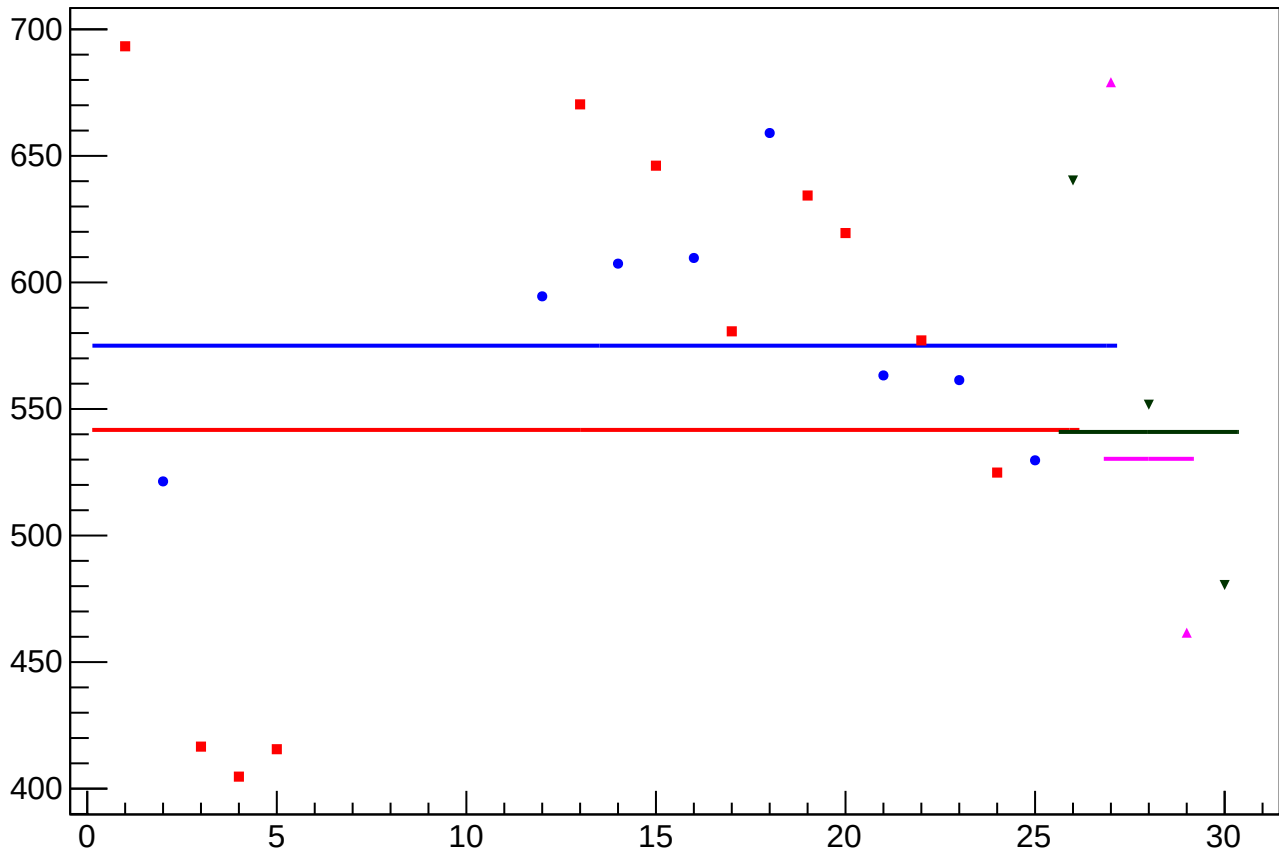
Right Out: -1133.414 ± 252.377 χ^2/NDF : 8.5/10

Left In: -280.175 ± 415.301 χ^2/NDF : 0.3/1

388.261 ± 217.111 χ^2/NDF : 3.1/10

-903.299 ± 215.676 χ^2/NDF : 11.9/12

asym_right_avg_rms vs slug



Right In: 575.014+/-0.181 χ^2/NDF : 53765.9/7

Left Out: 540.933+/-0.288 χ^2/NDF : 41903.9/2

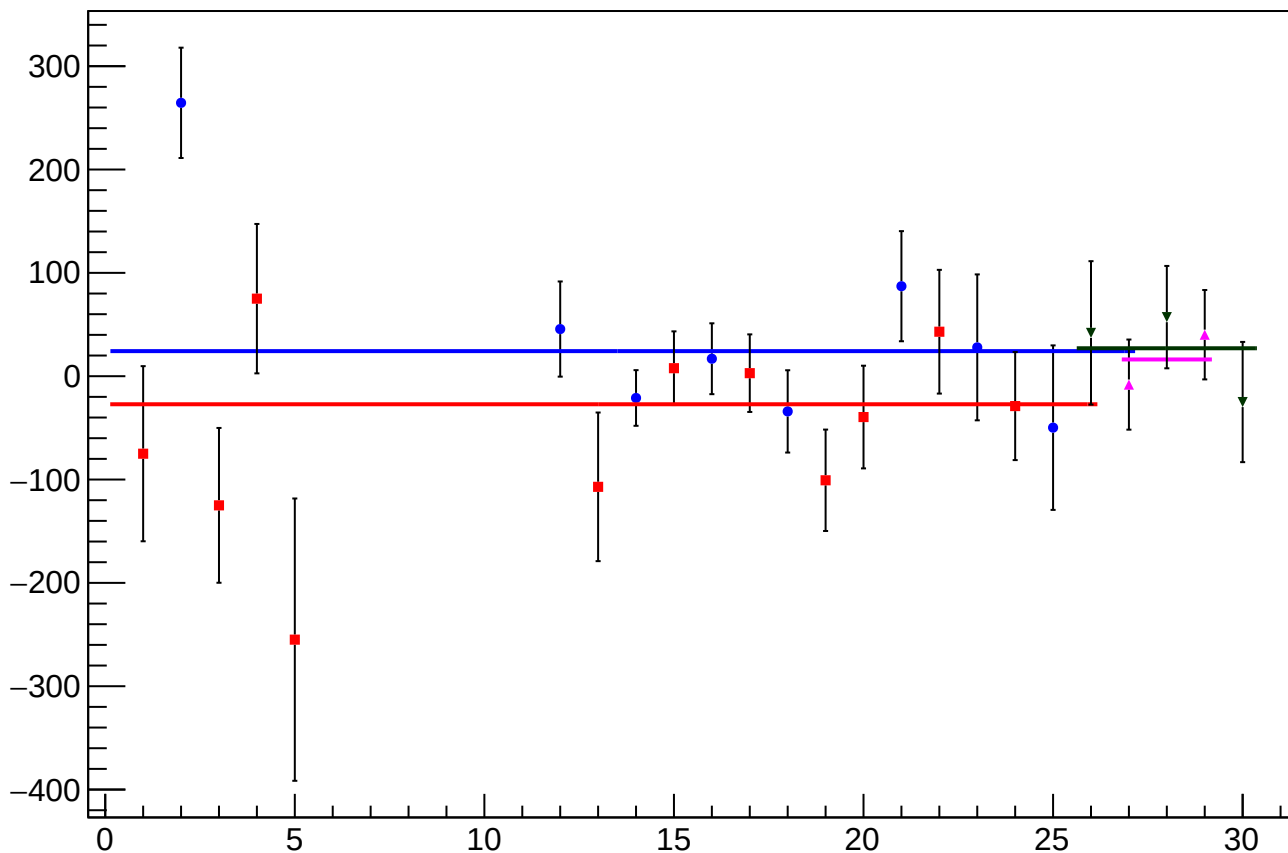
Right Out: 541.733+/-0.178 χ^2/NDF : 320235.8/10

Left In: 530.312+/-0.294 χ^2/NDF : 118512.8/1

565.339+/-0.154 χ^2/NDF : 105689.0/10

538.653+/-0.153 χ^2/NDF : 439853.2/12

asym_right_dd_mean vs slug



Right In: 24.266+/-15.087 χ^2/NDF : 27.8/7

Left Out: 27.033+/-33.135 χ^2/NDF : 1.2/2

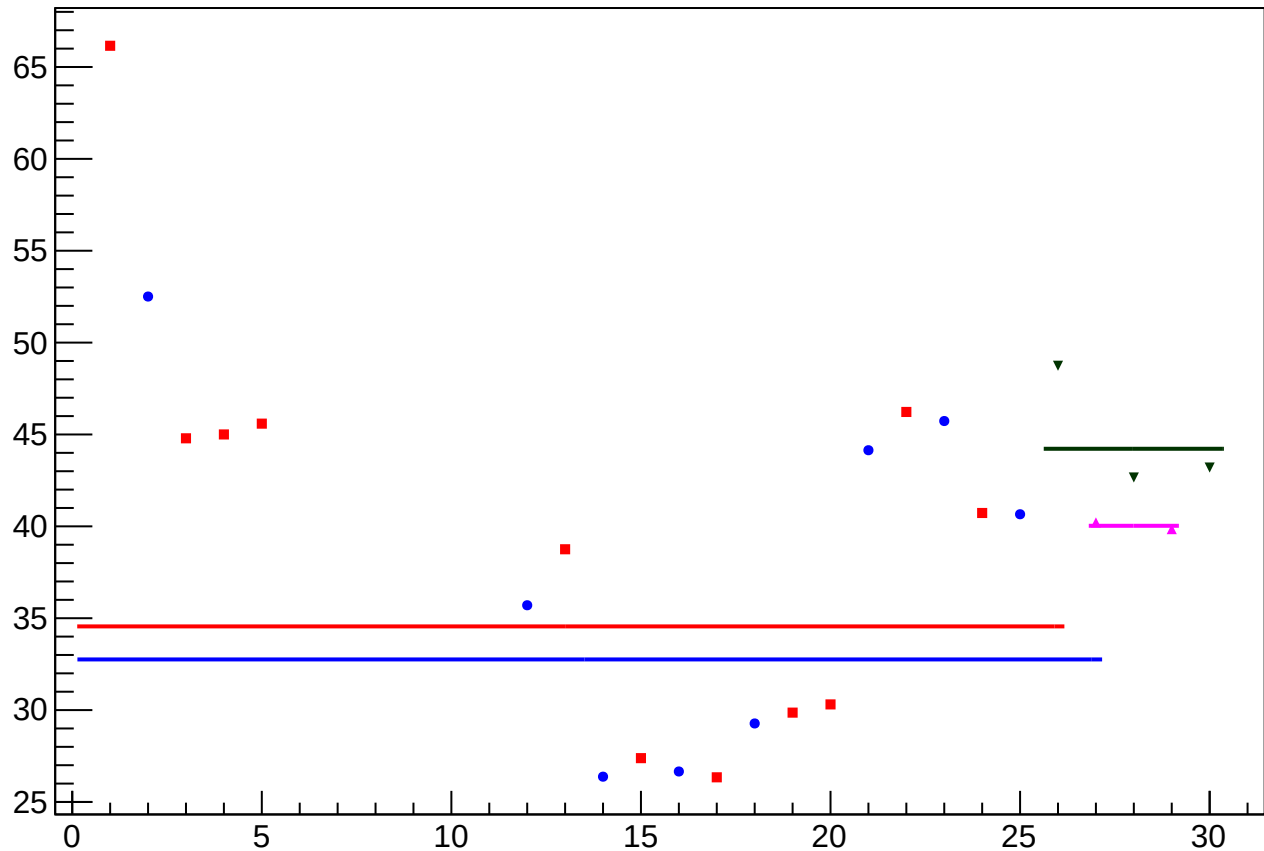
Right Out: -27.153+/-16.399 χ^2/NDF : 13.3/10

Left In: 16.202+/-30.706 χ^2/NDF : 0.6/1

24.741+/-13.731 χ^2/NDF : 29.0/10

-17.531+/-14.465 χ^2/NDF : 15.5/12

asym_right_dd_rms vs slug



Right In: 32.757+/-0.011 χ^2/NDF : 651442.7/7

Left Out: 44.222+/-0.023 χ^2/NDF : 11086.3/2

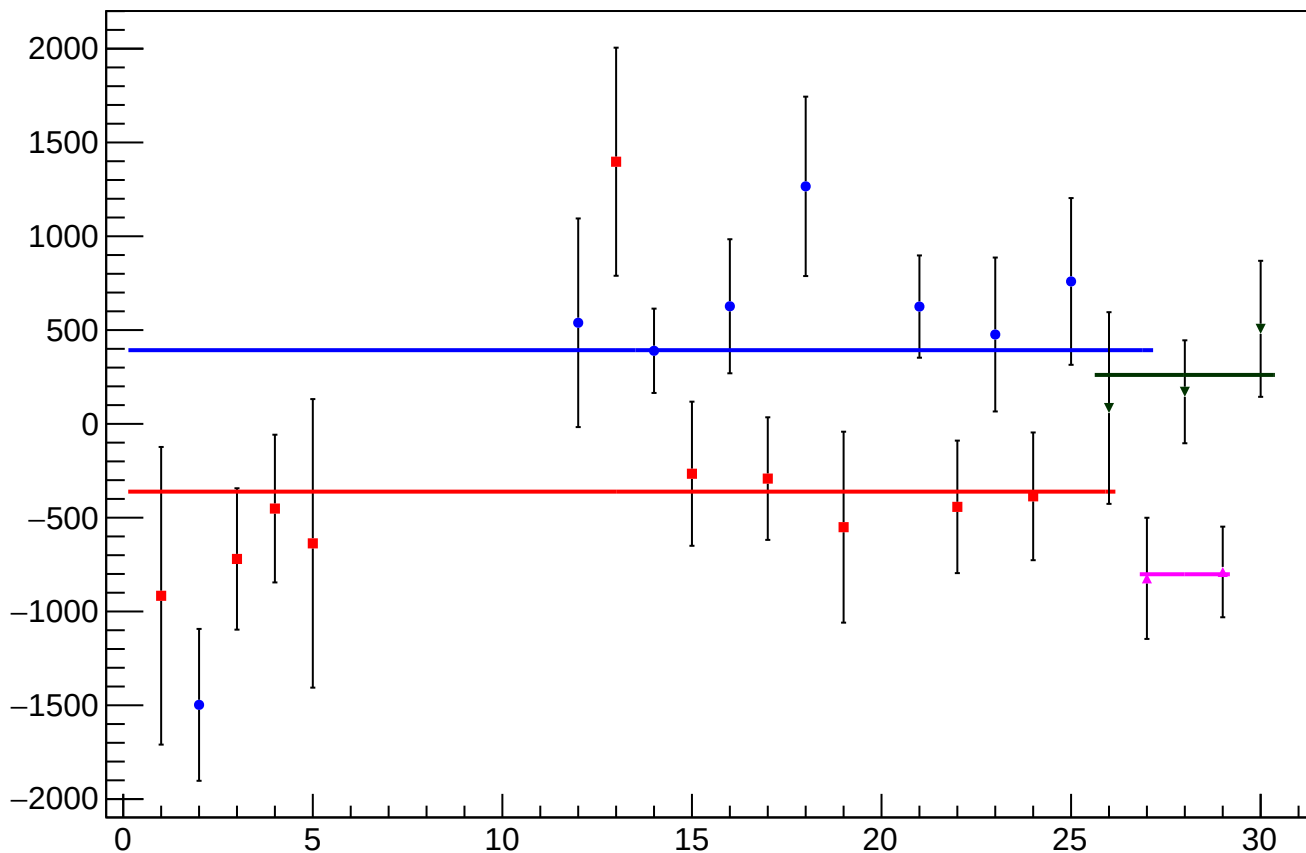
Right Out: 34.555+/-0.012 χ^2/NDF : 690633.2/10

Left In: 40.030+/-0.022 χ^2/NDF : 71.7/1

34.725+/-0.010 χ^2/NDF : 860857.0/10

35.770+/-0.010 χ^2/NDF : 740191.7/12

asym_us_avg_mean vs slug



Right In: 392.871 ± 123.270 $\chi^2/\text{NDF}: 27.1/7$

Left Out: 260.945 ± 201.115 $\chi^2/\text{NDF}: 0.7/2$

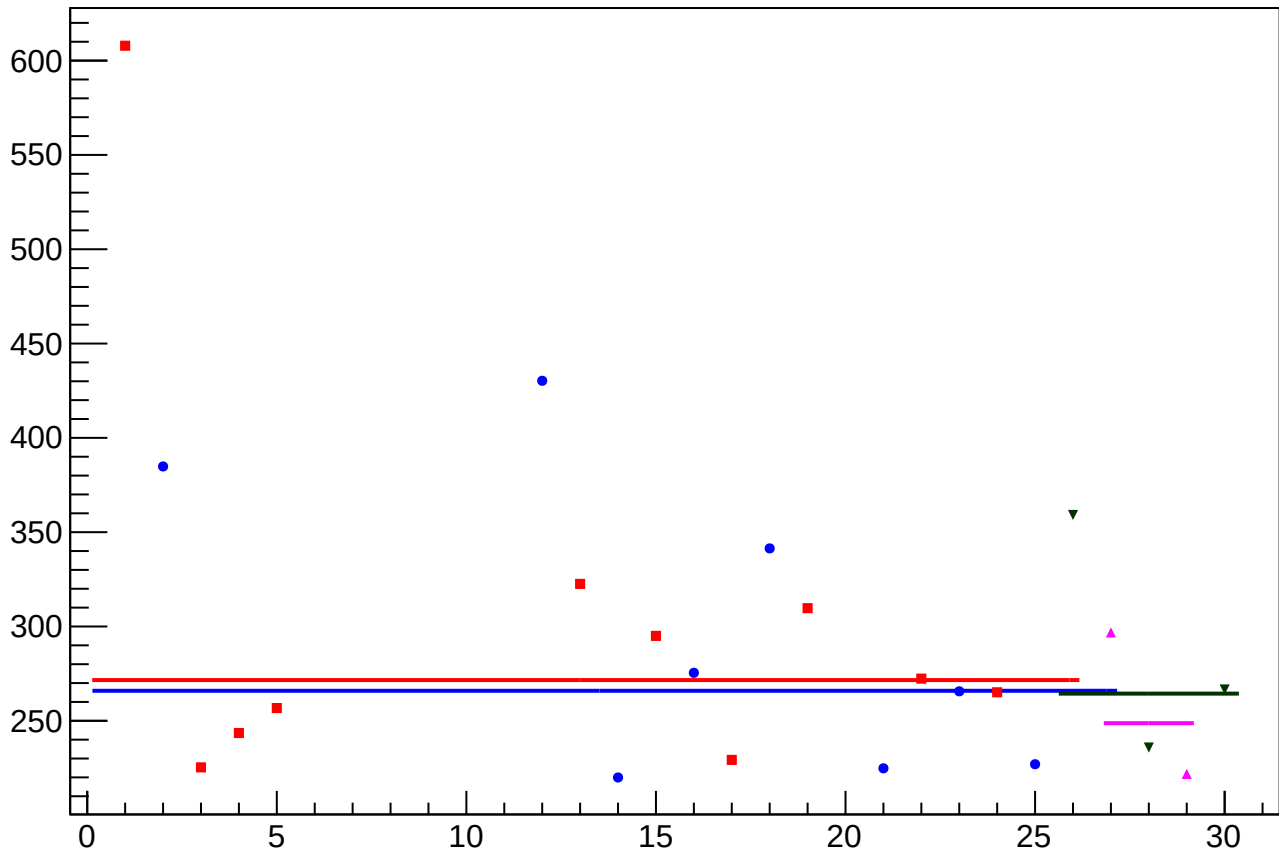
Right Out: -361.189 ± 133.473 $\chi^2/\text{NDF}: 10.2/9$

Left In: -801.541 ± 193.425 $\chi^2/\text{NDF}: 0.0/1$

356.843 ± 105.099 $\chi^2/\text{NDF}: 28.1/10$

-503.233 ± 109.856 $\chi^2/\text{NDF}: 13.8/11$

asym_us_avg_rms vs slug



Right In: 265.913+/-0.087 χ^2/NDF : 543162.8/7

Left Out: 264.408+/-0.142 χ^2/NDF : 90518.5/2

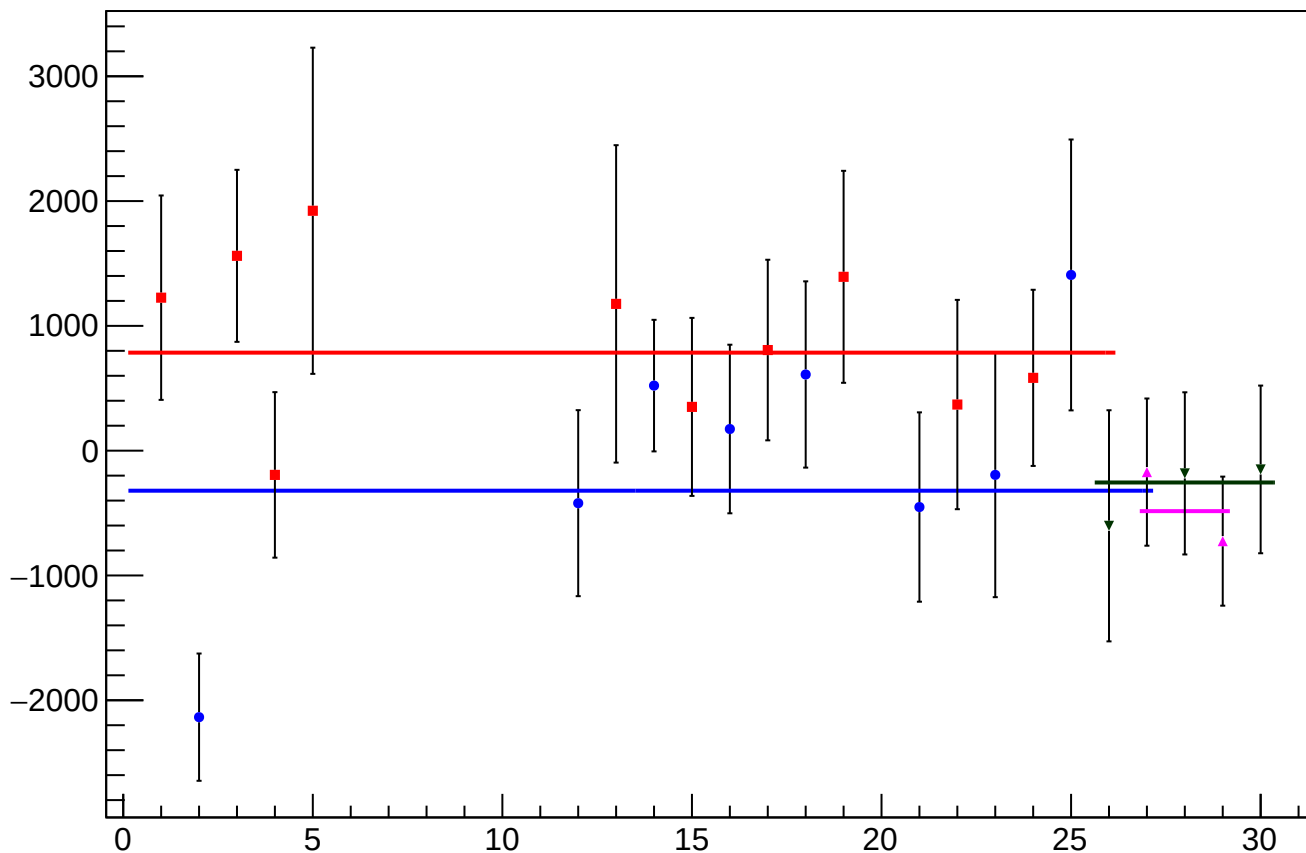
Right Out: 271.591+/-0.094 χ^2/NDF : 467508.4/9

Left In: 248.750+/-0.137 χ^2/NDF : 69212.4/1

265.502+/-0.074 χ^2/NDF : 633762.6/10

264.223+/-0.078 χ^2/NDF : 555613.9/11

asym_us_dd_mean vs slug



Right In: -320.773 $\pm$ 243.536 χ^2/NDF : 19.9/7

Left Out: -254.960 $\pm$ 417.014 χ^2/NDF : 0.2/2

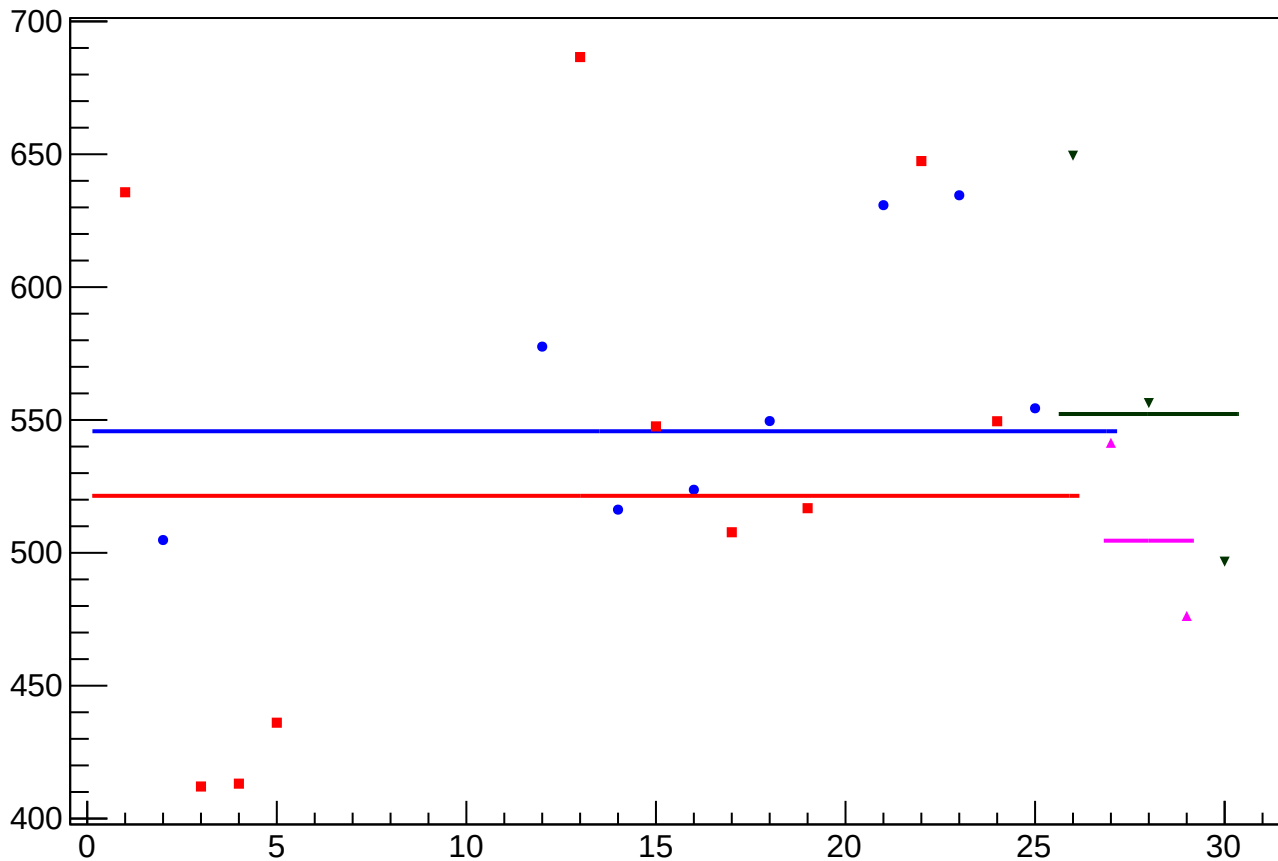
Right Out: 785.478 $\pm$ 251.850 χ^2/NDF : 5.8/9

Left In: -484.560 $\pm$ 388.827 χ^2/NDF : 0.5/1

-304.036 $\pm$ 210.301 χ^2/NDF : 20.1/10

410.124 $\pm$ 211.382 χ^2/NDF : 13.8/11

asym_us_dd_rms vs slug



Right In: 545.760+/-0.172 χ^2/NDF : 66695.7/7

Left Out: 552.247+/-0.295 χ^2/NDF : 35799.6/2

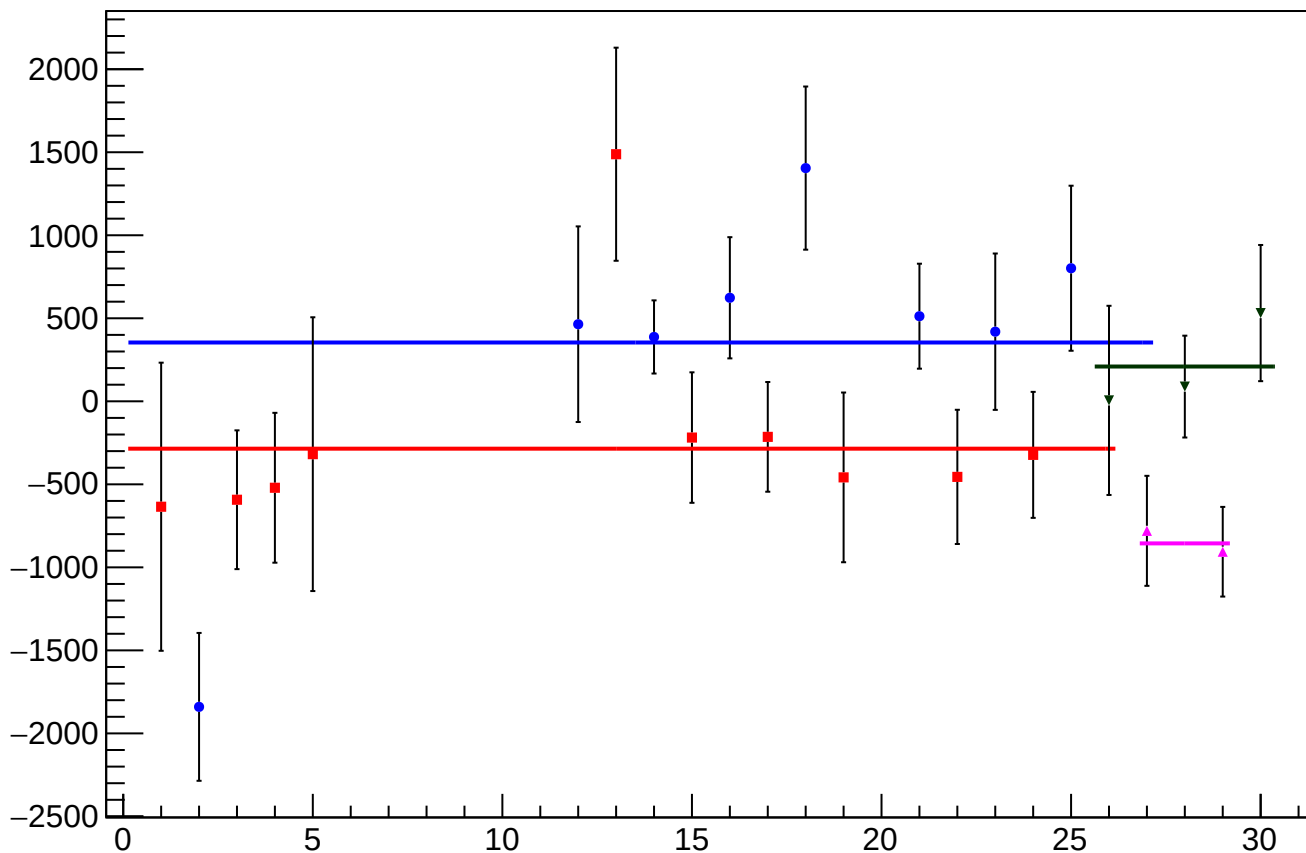
547.410+/-0.149 χ^2/NDF : 102856.2/10

Right Out: 521.457+/-0.178 χ^2/NDF : 236687.6/9

516.467+/-0.149 χ^2/NDF : 253143.5/11

Left In: 504.574+/-0.275 χ^2/NDF : 13799.6/1

asym_ds_avg_mean vs slug



Right In: 354.171 ± 130.471 χ^2/NDF : 30.5/7

Left Out: 209.506 ± 225.530 χ^2/NDF : 0.9/2

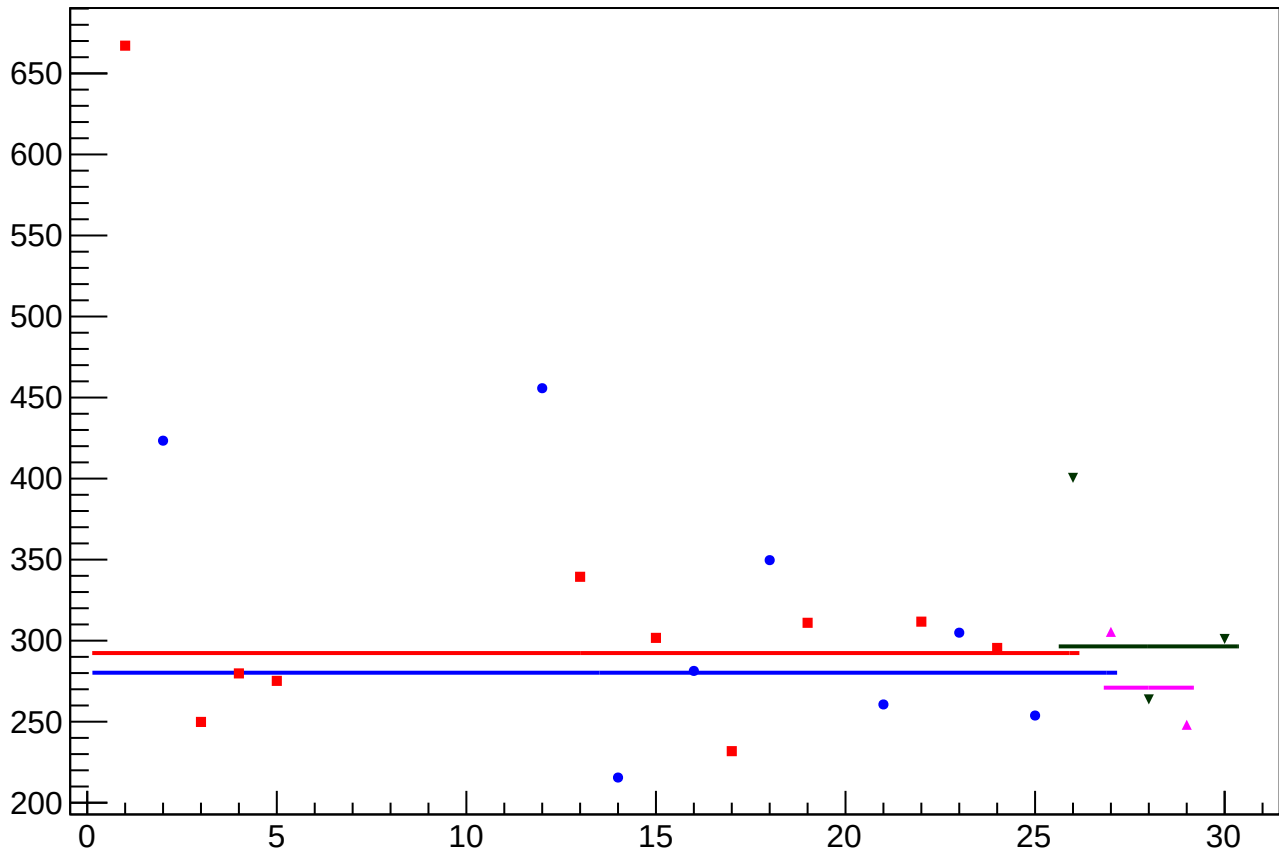
Right Out: -285.284 ± 143.733 χ^2/NDF : 9.0/9

Left In: -855.699 ± 209.304 χ^2/NDF : 0.1/1

317.896 ± 112.935 χ^2/NDF : 31.7/10

-468.079 ± 118.485 χ^2/NDF : 14.1/11

asym_ds_avg_rms vs slug



Right In: 280.218+/-0.092 χ^2/NDF : 615629.6/7

Left Out: 296.458+/-0.159 χ^2/NDF : 89638.6/2

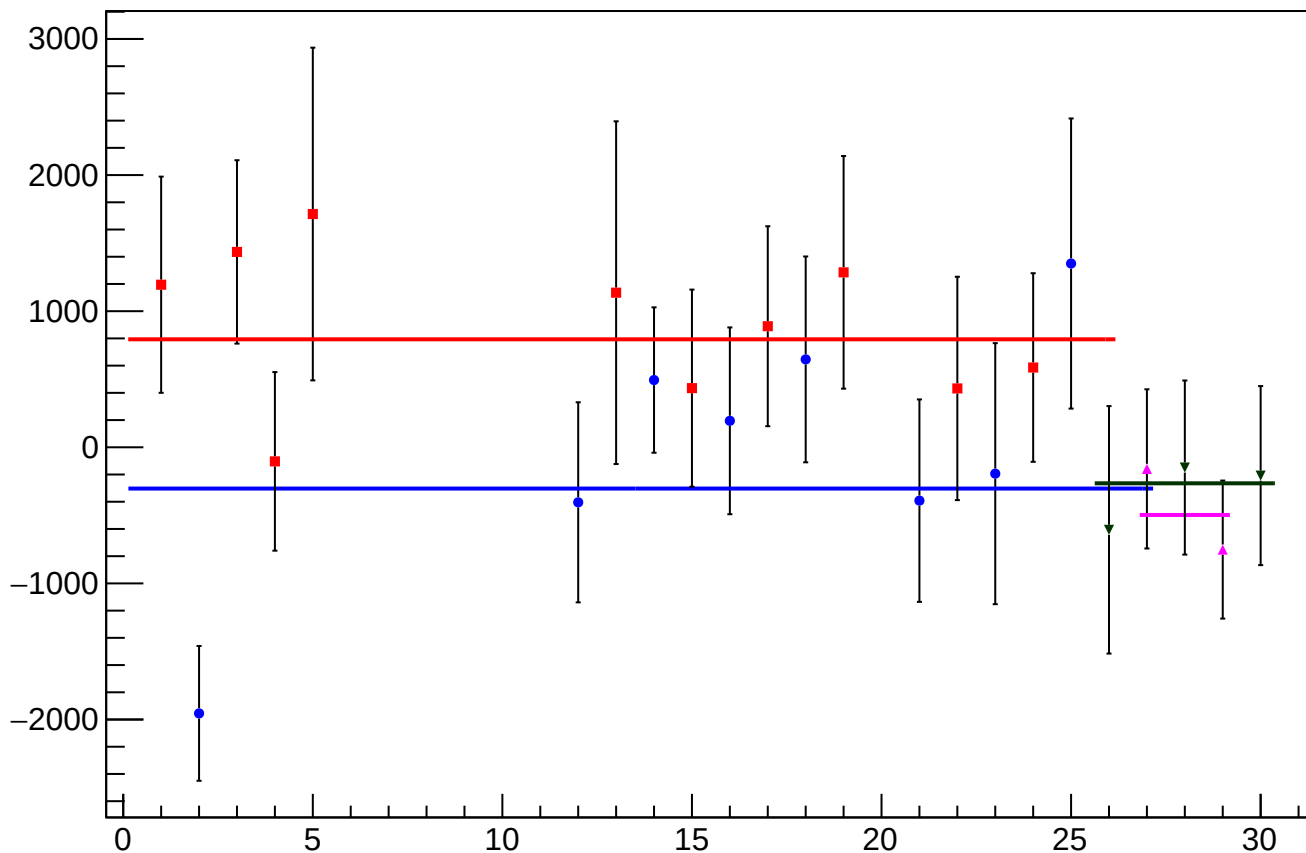
Right Out: 292.348+/-0.102 χ^2/NDF : 482722.2/9

Left In: 270.989+/-0.148 χ^2/NDF : 35989.5/1

284.290+/-0.080 χ^2/NDF : 713038.6/10

285.503+/-0.084 χ^2/NDF : 532865.0/11

asym_ds_dd_mean vs slug



Right In: -303.119+/-241.950 χ^2/NDF : 17.9/7

Left Out: -264.590+/-409.402 χ^2/NDF : 0.2/2

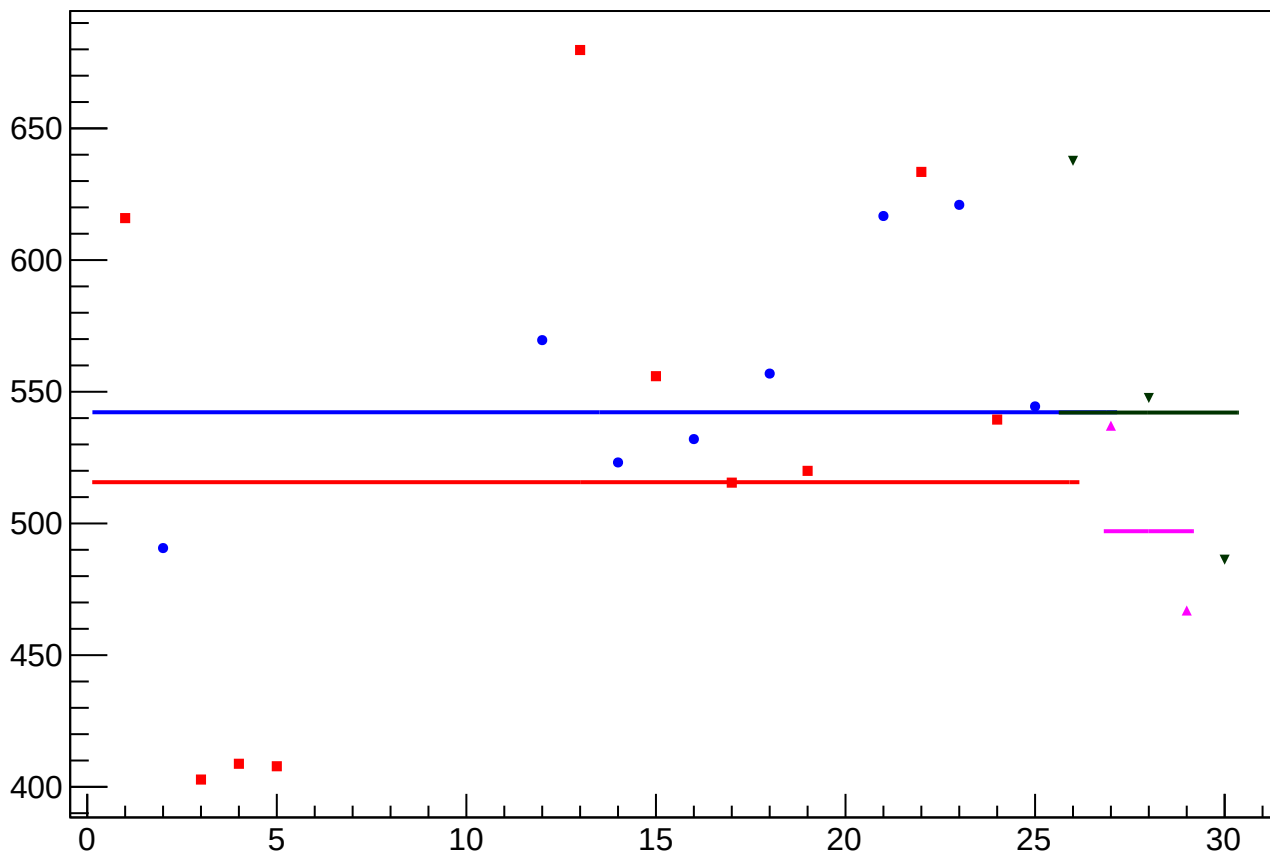
Right Out: 793.331+/-249.139 χ^2/NDF : 4.6/9

Left In: -497.191+/-383.134 χ^2/NDF : 0.6/1

-293.146+/-208.294 χ^2/NDF : 18.1/10

409.808+/-208.864 χ^2/NDF : 13.1/11

asym_ds_dd_rms vs slug



Right In: 542.221+/-0.171 χ^2/NDF : 61770.7/7

Left Out: 542.108+/-0.289 χ^2/NDF : 36677.9/2

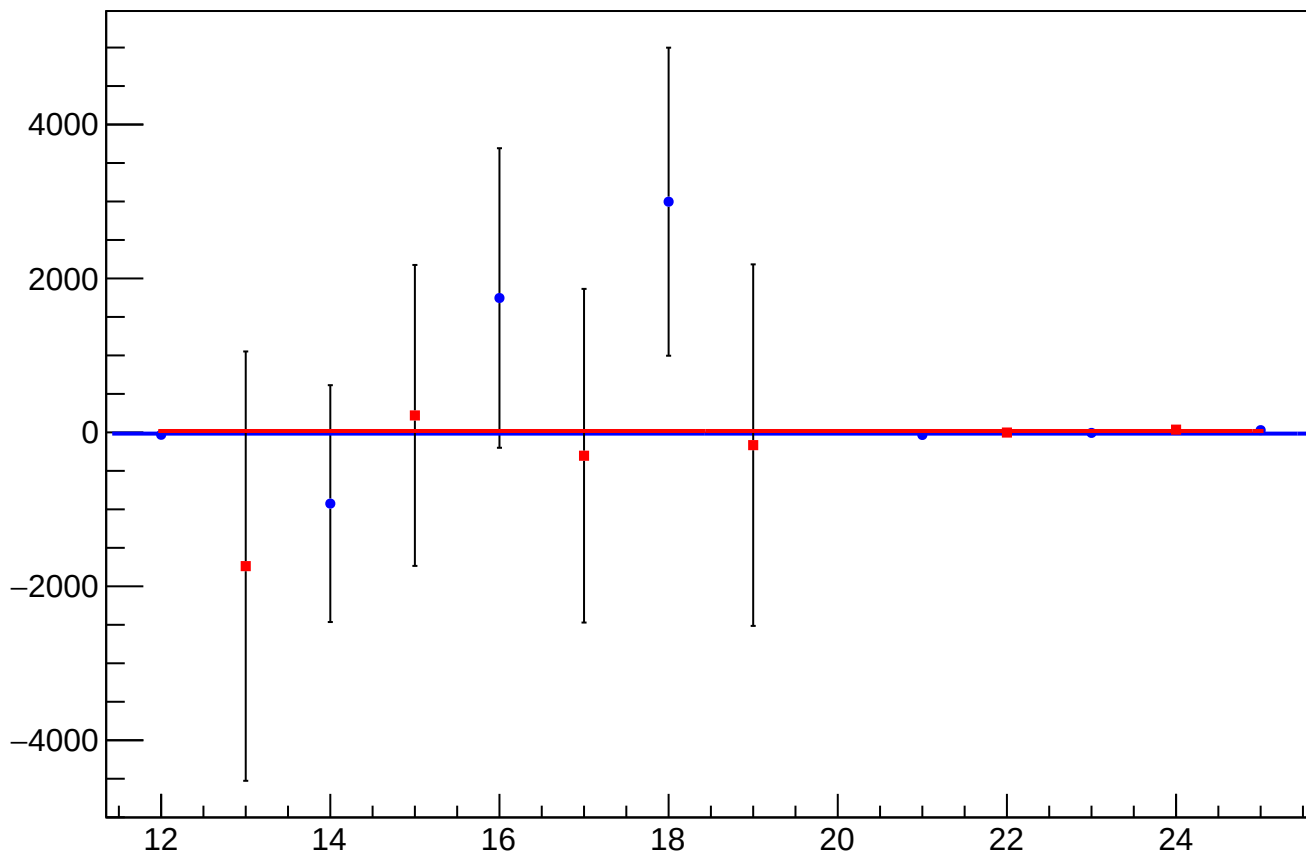
542.191+/-0.147 χ^2/NDF : 98448.7/10

Right Out: 515.671+/-0.176 χ^2/NDF : 240492.0/9

510.139+/-0.148 χ^2/NDF : 260239.1/11

Left In: 497.057+/-0.271 χ^2/NDF : 16429.4/1

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

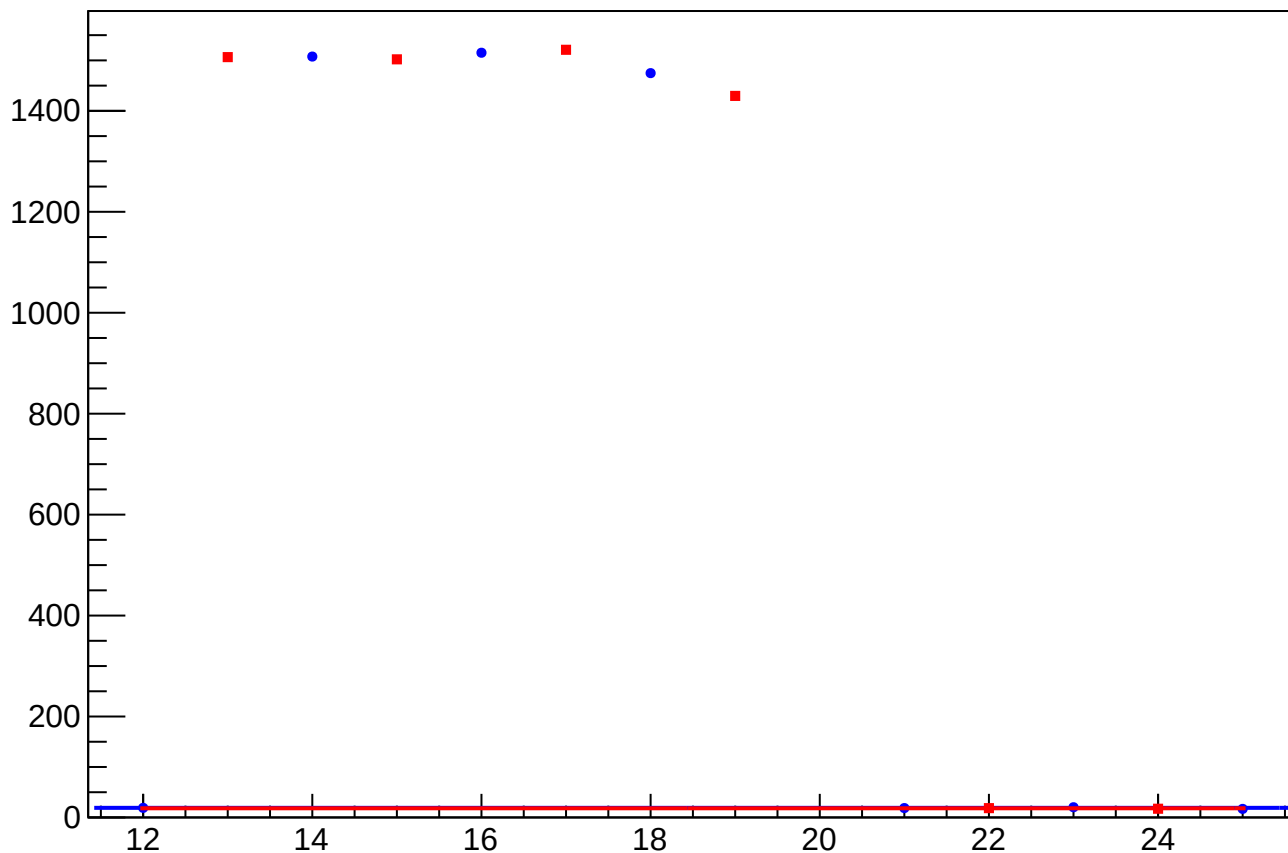
Right Out: 18.079+/-16.591 χ^2 /NDF: 1.7/5

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

-15.870+/-14.549 χ^2 /NDF: 6.0/6

18.079+/-16.591 χ^2 /NDF: 1.7/5

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

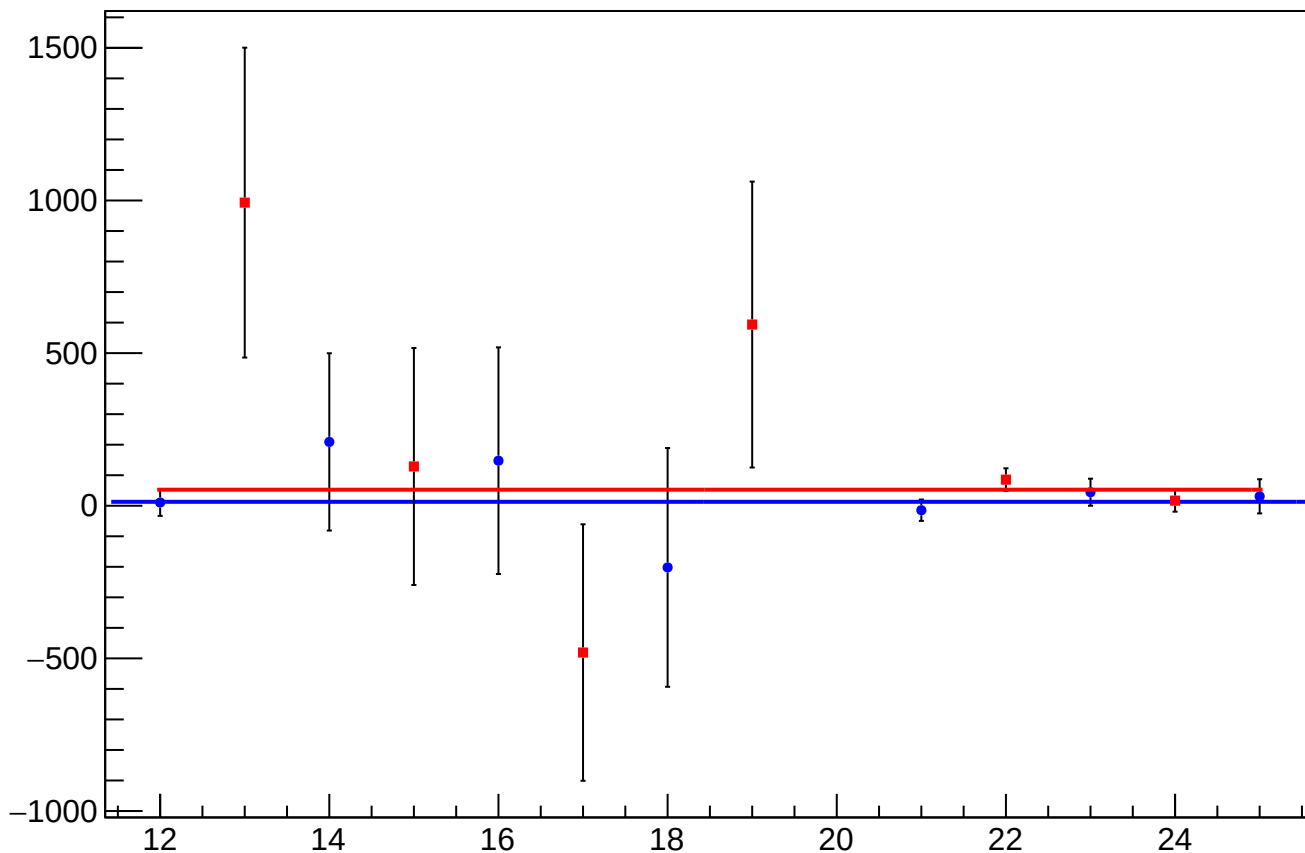
Right Out: 18.152+/-0.012 χ^2/NDF : 3408562.1/5

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

19.049+/-0.010 χ^2/NDF : 4122742.4/6

18.152+/-0.012 χ^2/NDF : 3408562.1/5

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

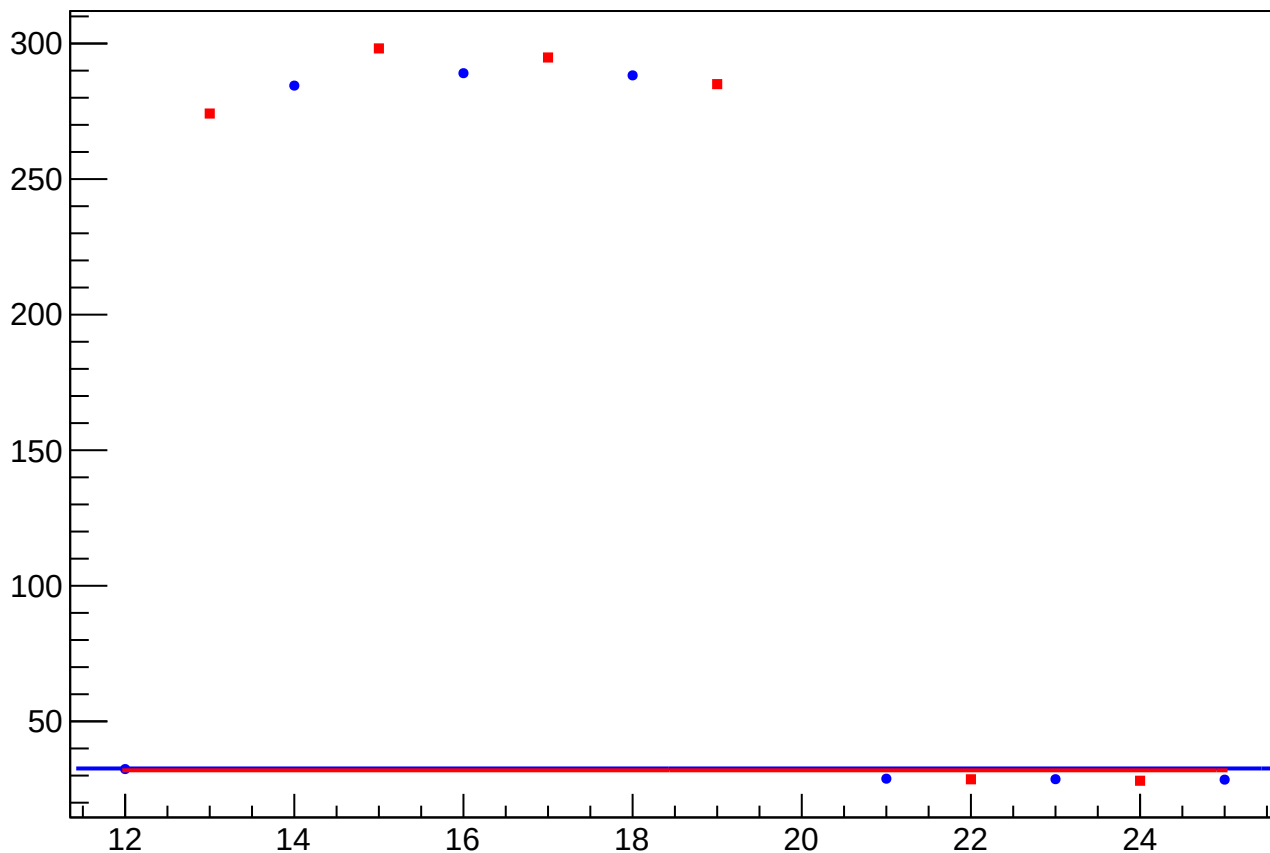
Right Out: 52.584+/-25.708 χ^2/NDF : 8.2/5

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

12.932+/-21.366 χ^2/NDF : 2.1/6

52.584+/-25.708 χ^2/NDF : 8.2/5

bcm_dg_us_ds_dd_rms vs slug



Right In: 32.622+/-0.015 χ^2/NDF : 3363416.8/6

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

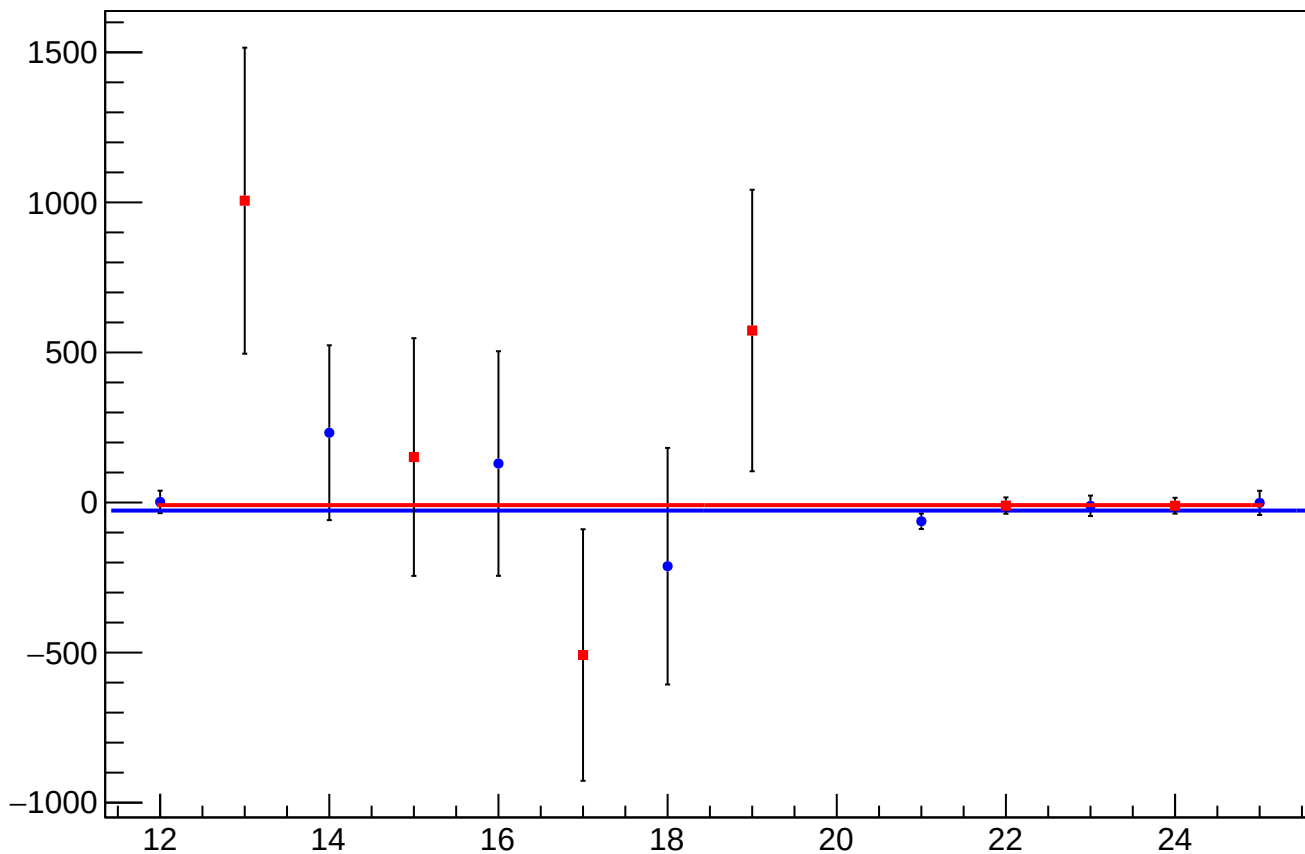
Right Out: 31.944+/-0.018 χ^2/NDF : 2801995.8/5

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

32.622+/-0.015 χ^2/NDF : 3363416.8/6

31.944+/-0.018 χ^2/NDF : 2801995.8/5

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

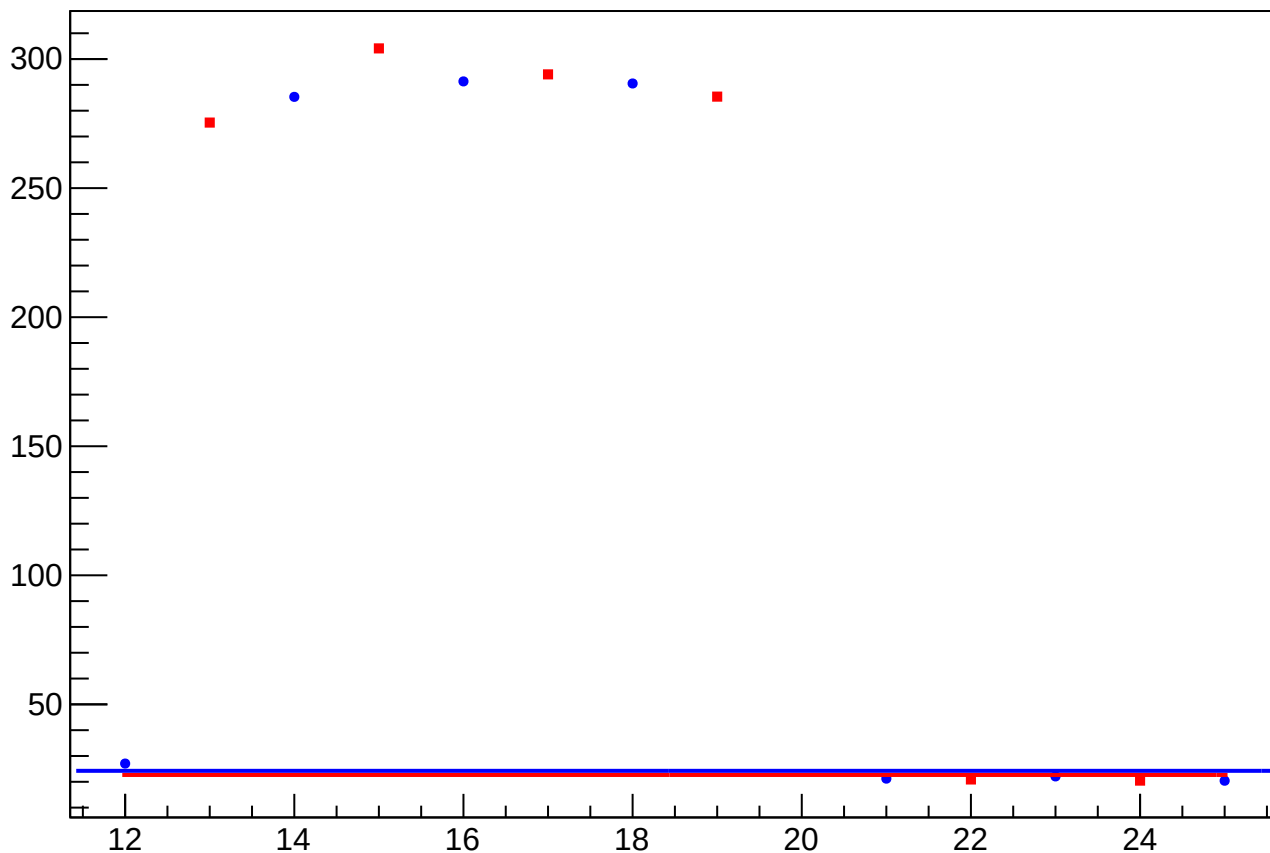
Right Out: -8.693 $\pm$ 18.847 χ^2 /NDF: 7.1/5

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

-26.808 $\pm$ 16.447 χ^2 /NDF: 4.3/6

-8.693 $\pm$ 18.847 χ^2 /NDF: 7.1/5

bcm_dg_ds_ds_dd_rms vs slug



Right In: 24.250+/-0.012 χ^2/NDF : 3603731.0/6

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

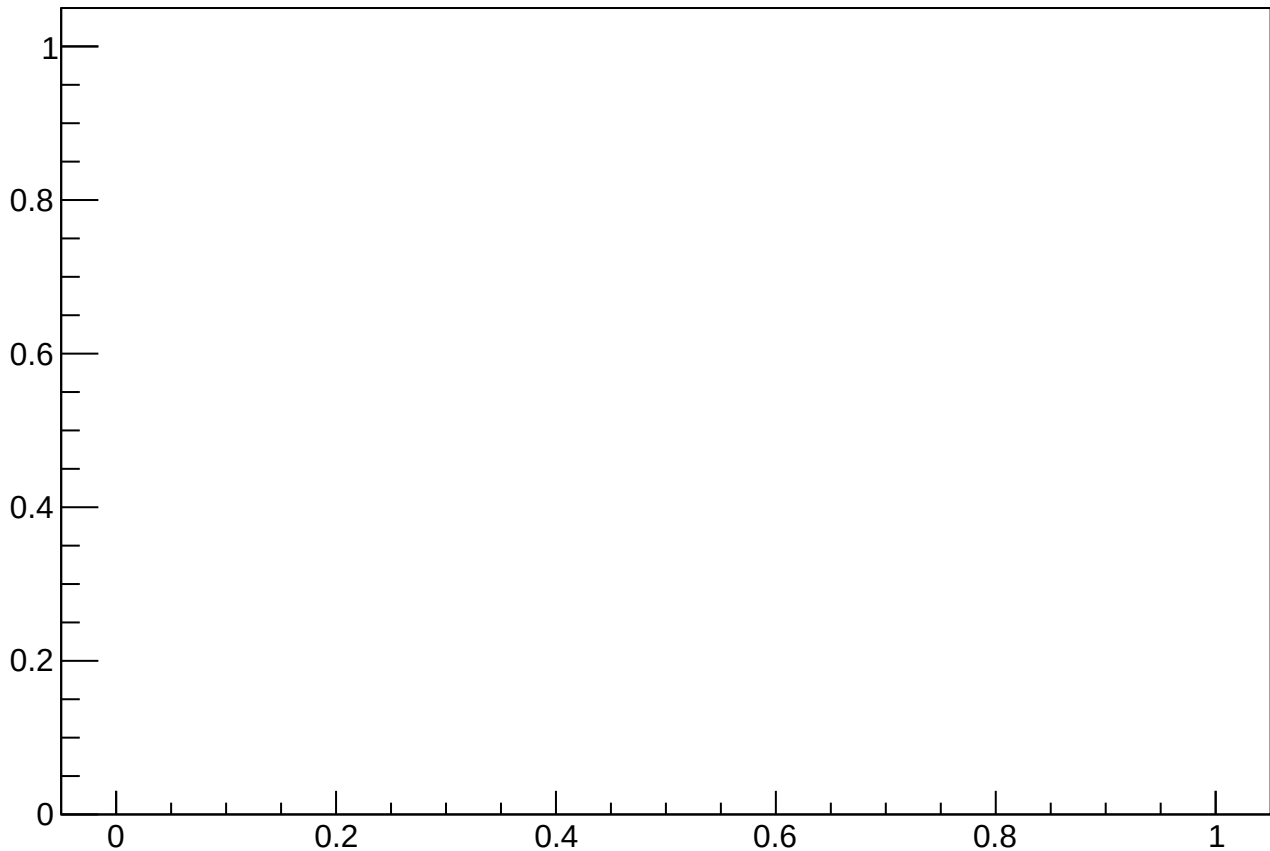
Right Out: 22.645+/-0.013 χ^2/NDF : 2991074.6/5

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

24.250+/-0.012 χ^2/NDF : 3603731.0/6

22.645+/-0.013 χ^2/NDF : 2991074.6/5

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

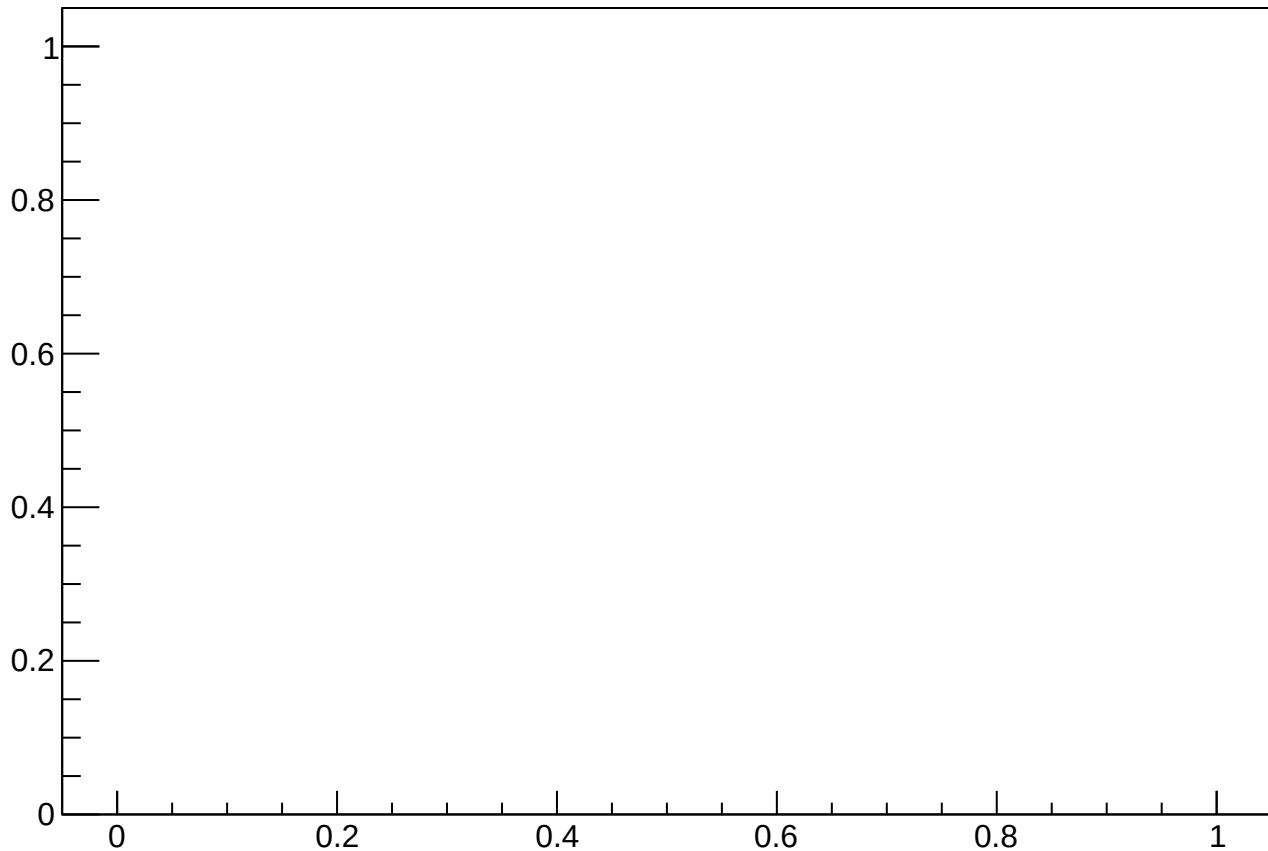
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

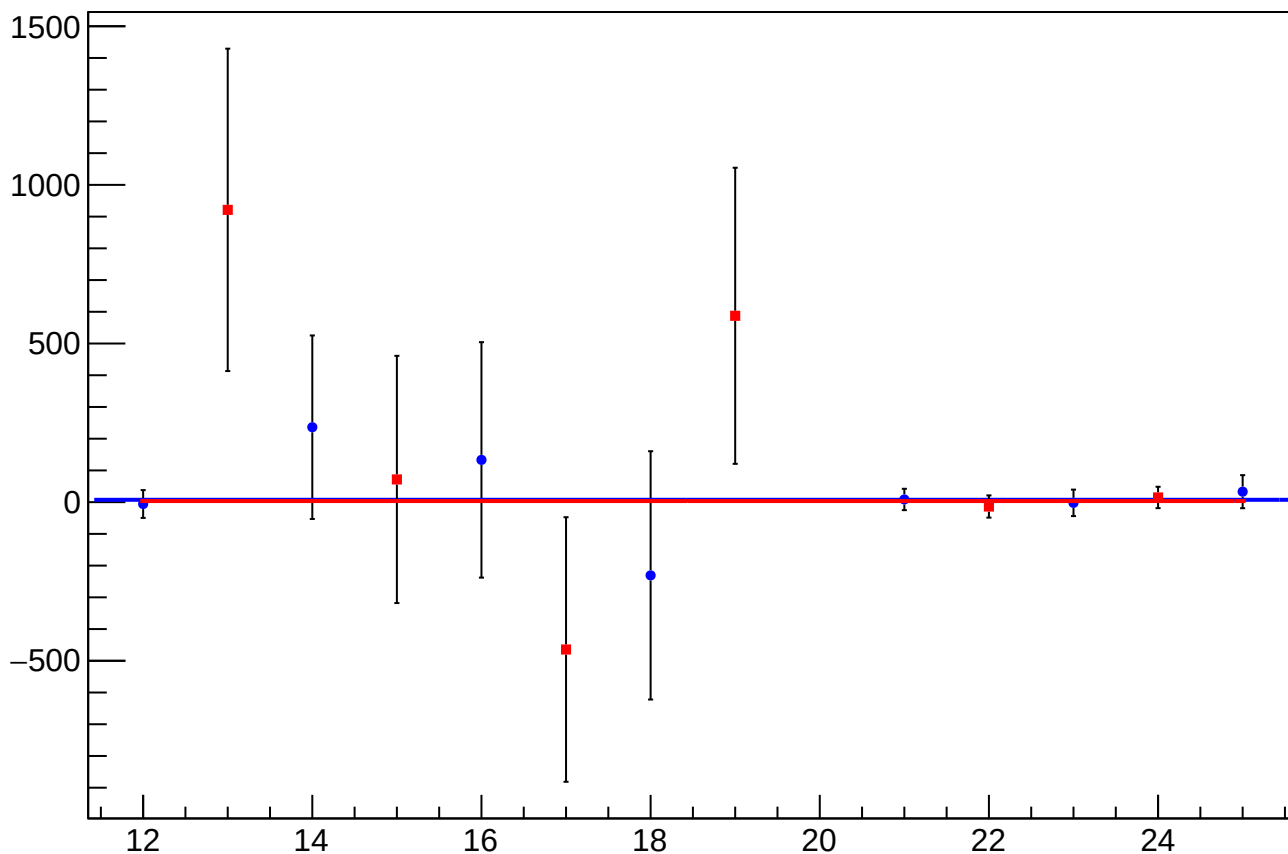
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

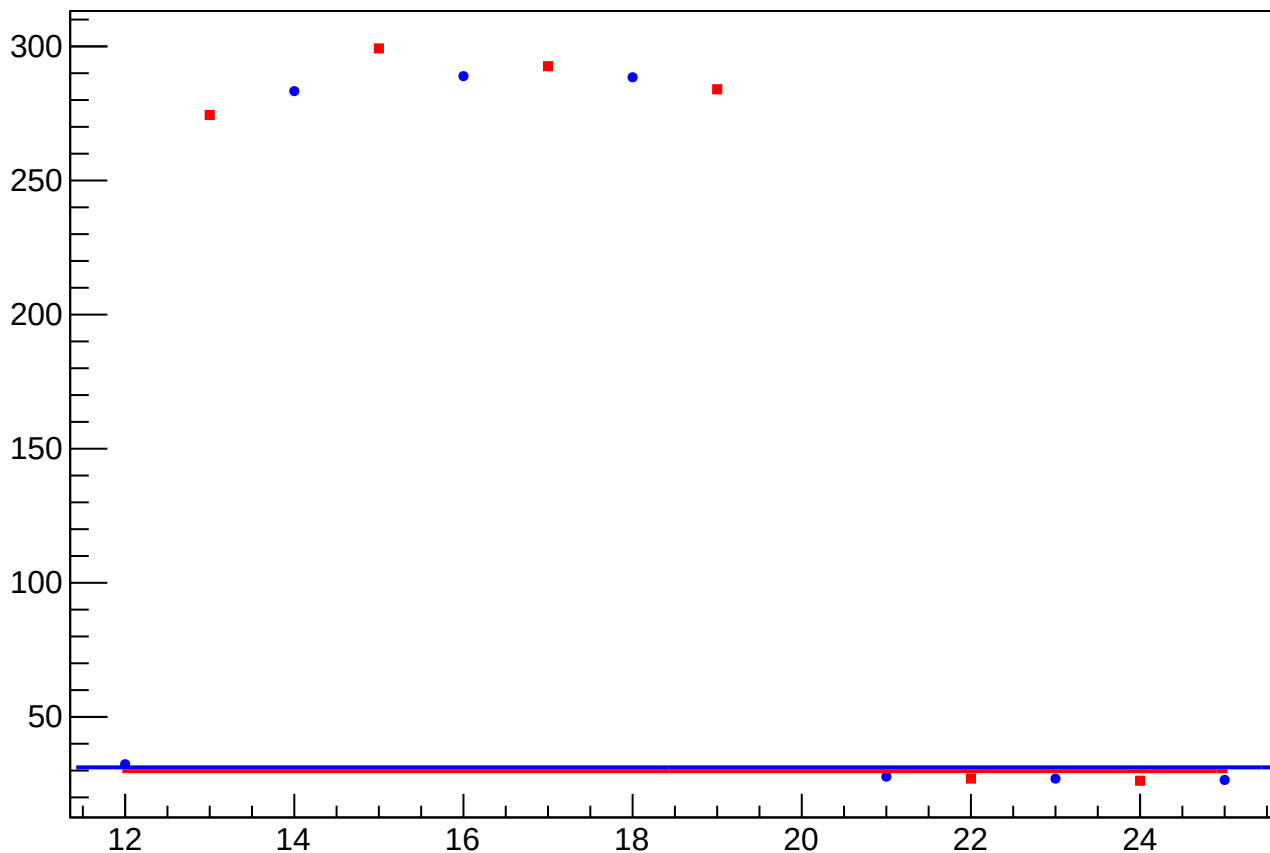
Right Out: 3.455+/-24.131 χ^2 /NDF: 6.5/5

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

7.425+/-20.533 χ^2 /NDF: 1.5/6

3.455+/-24.131 χ^2 /NDF: 6.5/5

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

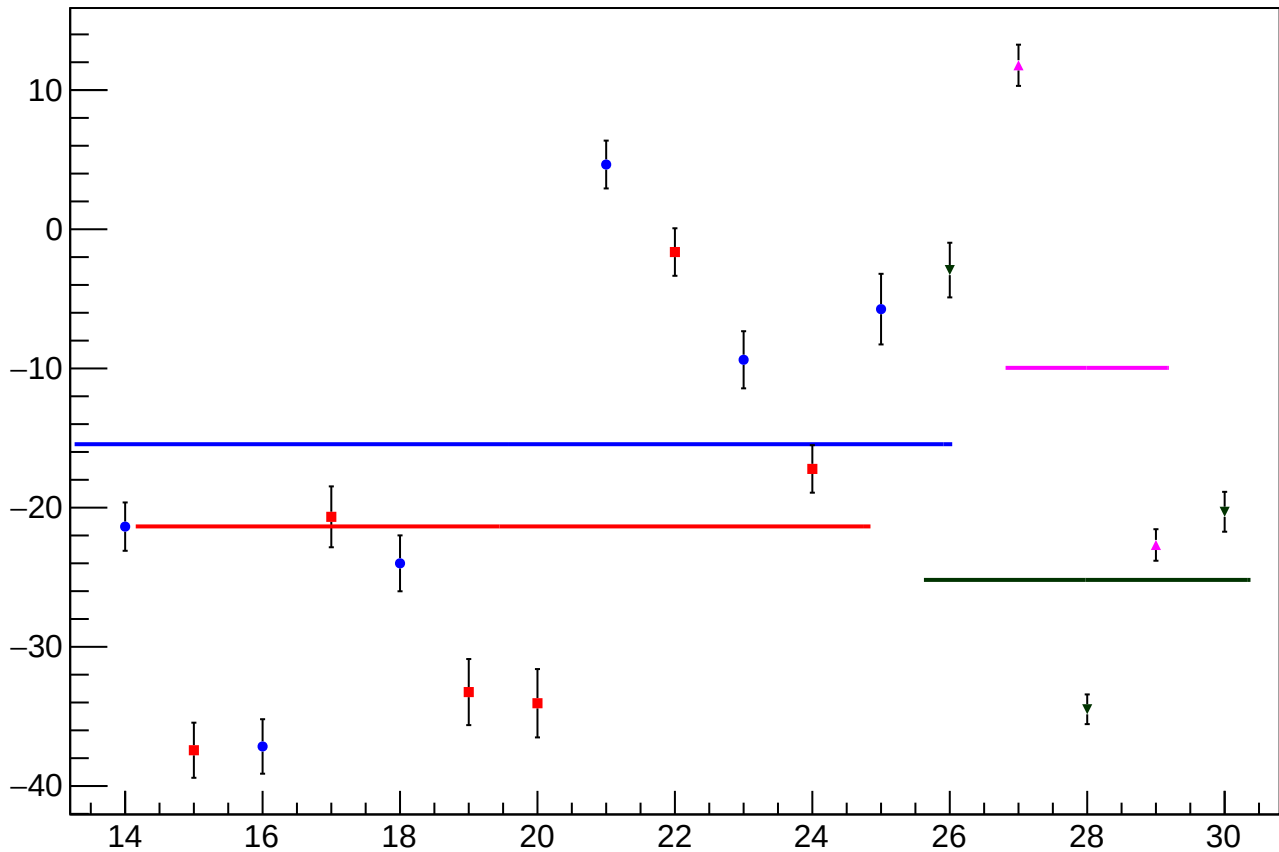
31.193+/-0.015 χ^2/NDF : 3408382.3/6

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

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

29.778+/-0.017 χ^2/NDF : 2843835.9/5

reg_asym_sam1_diff_bpm4aX_slope vs slug



Right In: -15.443 $\pm$ 0.797 χ^2/NDF : 313.0/5

Left Out: -25.192 $\pm$ 0.785 χ^2/NDF : 216.1/2

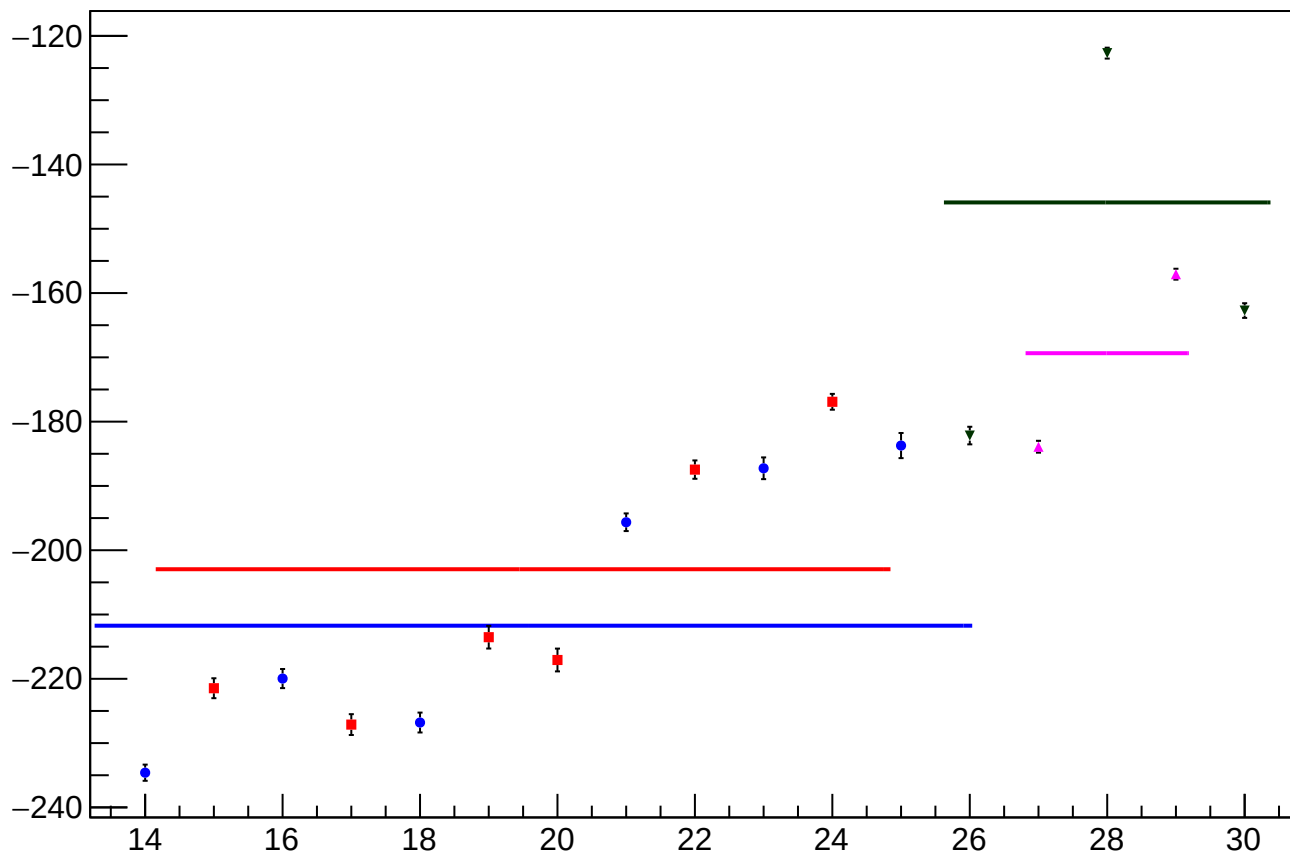
Right Out: -21.350 $\pm$ 0.818 χ^2/NDF : 257.0/5

Left In: -9.957 $\pm$ 0.900 χ^2/NDF : 341.6/1

-20.397 $\pm$ 0.559 χ^2/NDF : 605.0/8

-16.192 $\pm$ 0.605 χ^2/NDF : 686.4/7

reg_asym_sam1_diff_bpm4aY_slope vs slug



Right In: -211.739+/-0.615 χ^2/NDF : 1008.0/5

Left Out: -145.904+/-0.610 χ^2/NDF : 1667.8/2

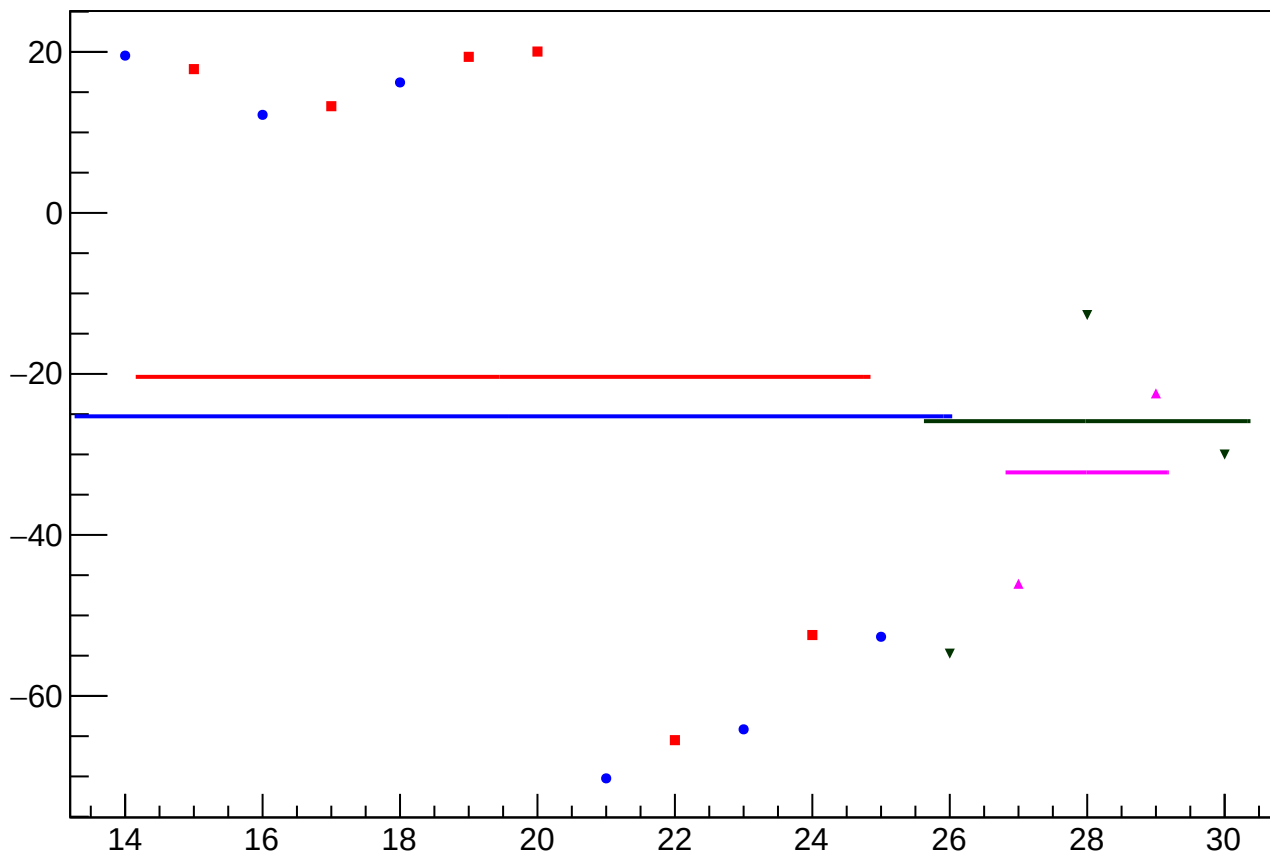
Right Out: -202.956+/-0.622 χ^2/NDF : 1030.2/5

Left In: -169.354+/-0.625 χ^2/NDF : 458.3/1

-178.540+/-0.433 χ^2/NDF : 8454.3/8

-186.234+/-0.441 χ^2/NDF : 2942.6/7

reg_asym_sam1_diff_bpm4eX_slope vs slug



Right In: -25.268 $\pm$ 0.148 χ^2 /NDF: 76607.3/5

Left Out: -25.867 $\pm$ 0.137 χ^2 /NDF:13127.8/2

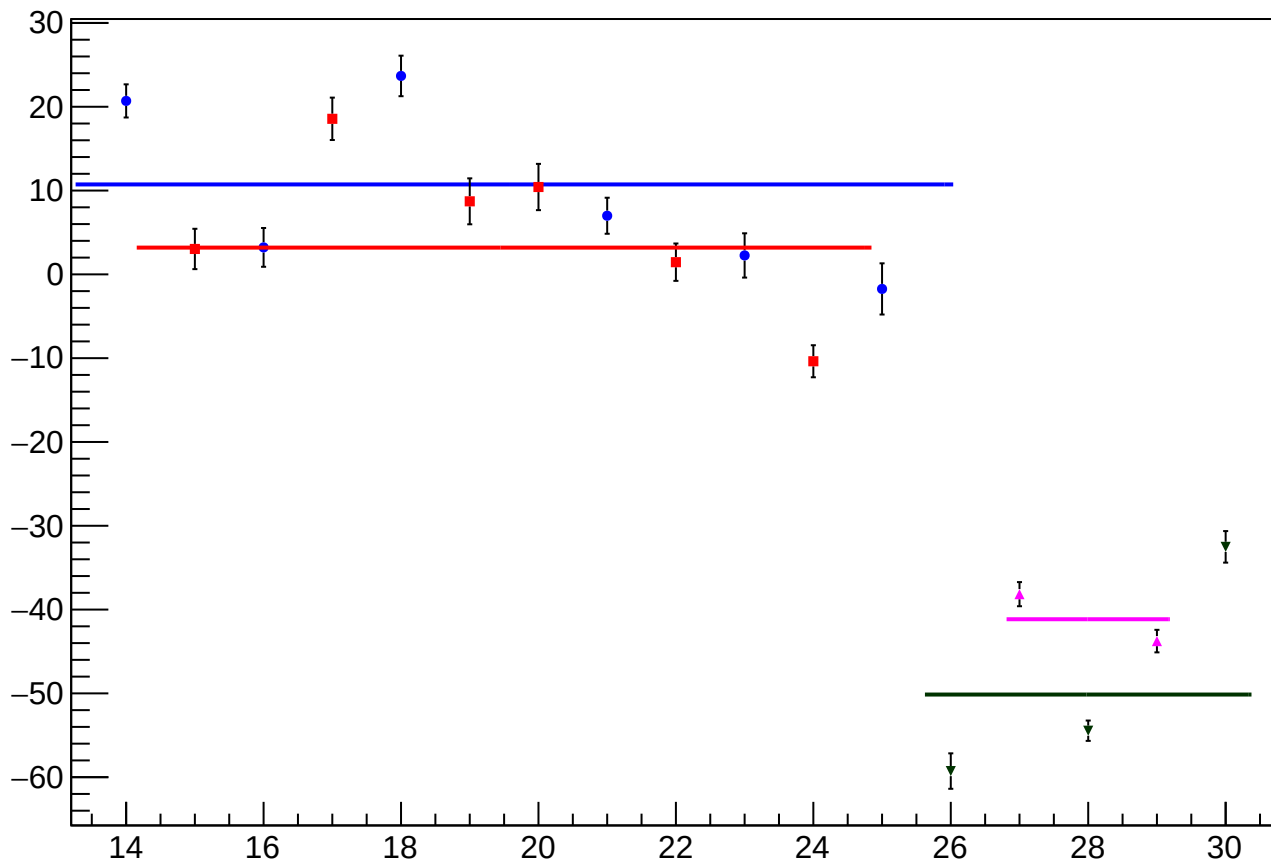
Right Out: -20.364 $\pm$ 0.155 χ^2 /NDF: 63484.4/5

Left In: -32.233 $\pm$ 0.169 χ^2 /NDF:4771.0/1

-25.591 $\pm$ 0.100 χ^2 /NDF: 89744.0/8

-25.779 $\pm$ 0.114 χ^2 /NDF: 70946.1/7

reg_asym_sam1_diff_bpm4eY_slope vs slug



Right In: 10.732+/-0.962 χ^2/NDF : 94.6/5

Left Out: -50.139+/-0.919 χ^2/NDF : 118.9/2

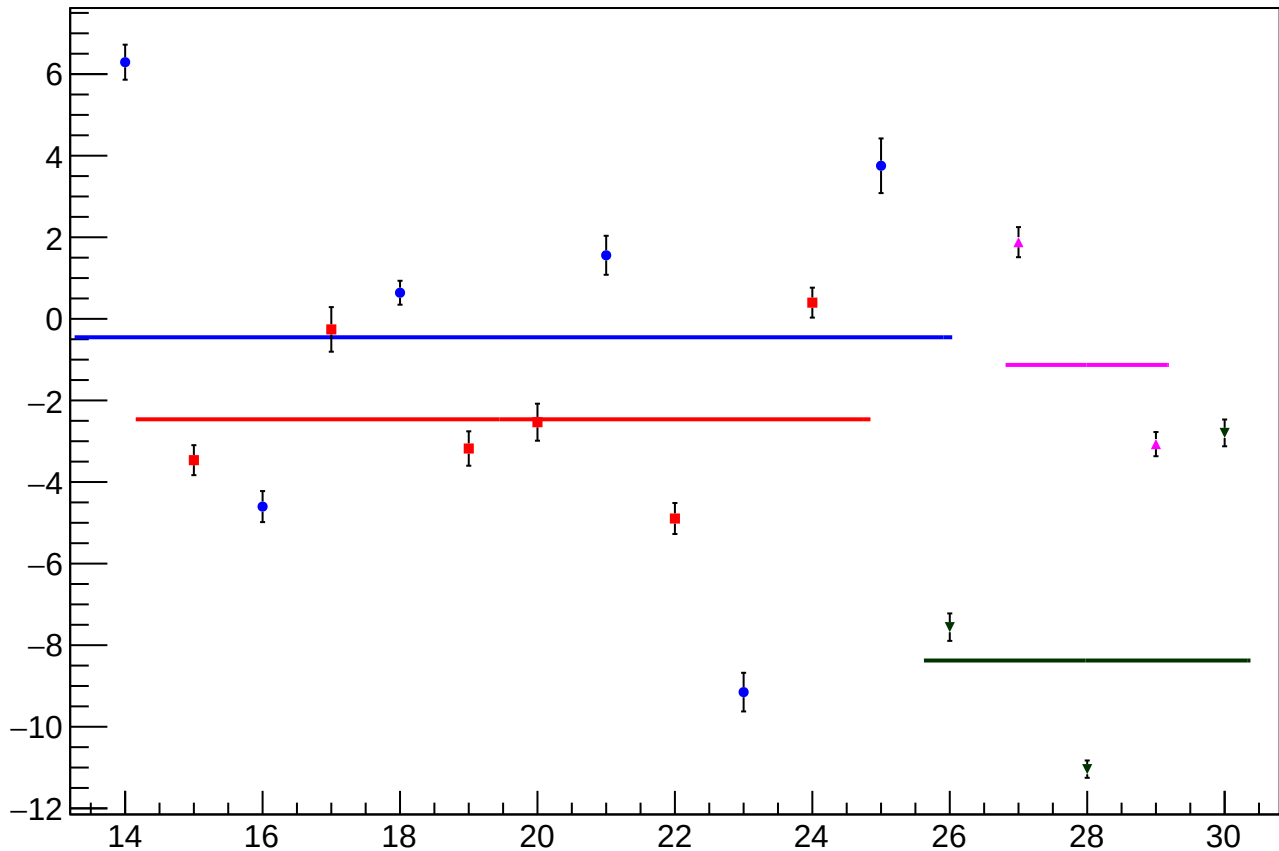
Right Out: 3.193+/-0.968 χ^2/NDF : 98.8/5

Left In: -41.153+/-0.983 χ^2/NDF : 8.1/1

-21.117+/-0.664 χ^2/NDF : 2307.3/8

-18.638+/-0.689 χ^2/NDF : 1140.7/7

reg_asym_sam1_diff_bpm11X_slope vs slug



Right In: -0.451 ± 0.169 χ^2/NDF : 773.7/5

Left Out: -8.376 ± 0.158 χ^2/NDF : 452.2/2

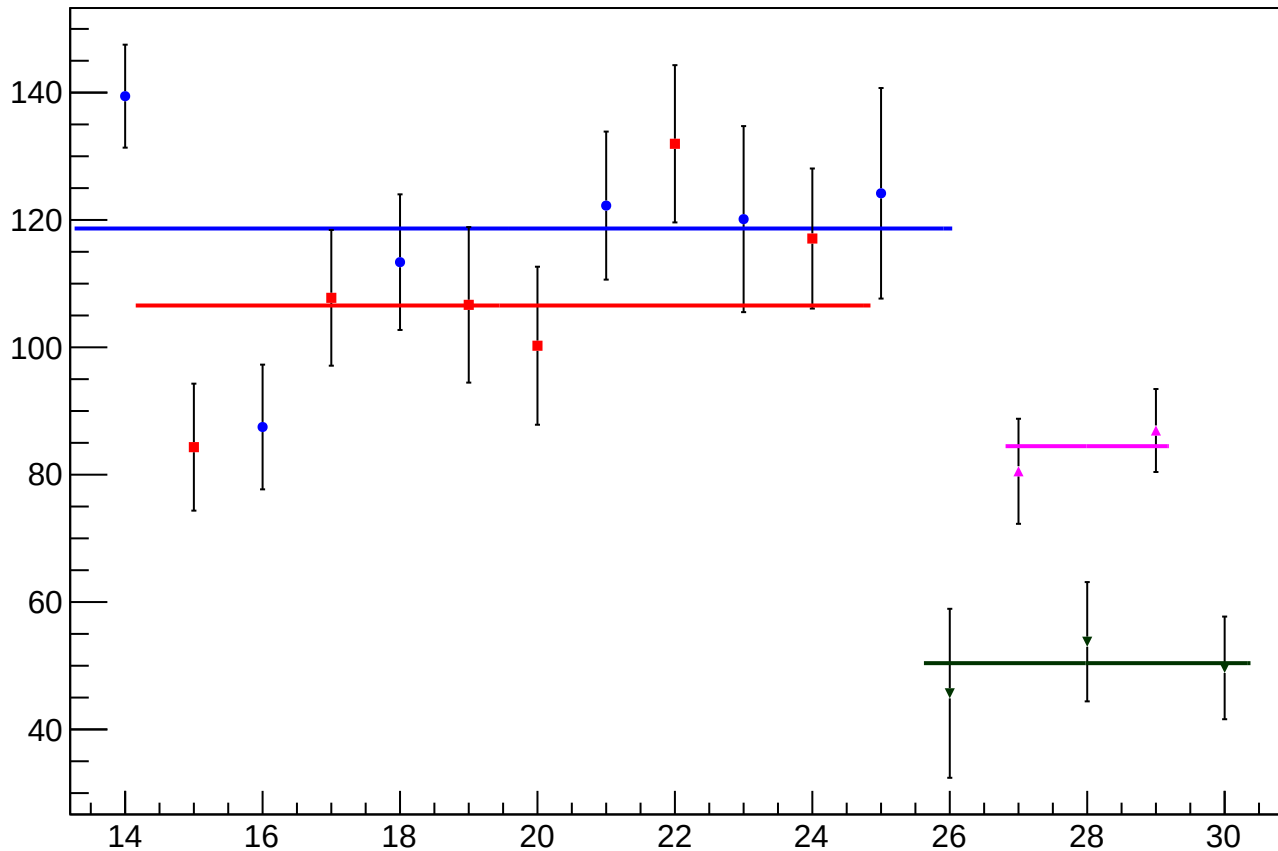
Right Out: -2.463 ± 0.168 χ^2/NDF : 128.4/5

Left In: -1.129 ± 0.231 χ^2/NDF : 109.4/1

-4.690 ± 0.115 χ^2/NDF : 2402.4/8

-2.003 ± 0.136 χ^2/NDF : 259.6/7

reg_asym_sam2_diff_bpm4aX_slope vs slug



Right In: 118.658 $\pm$ 4.459 χ^2 /NDF: 17.2/5

Left Out: 50.405 $\pm$ 5.549 χ^2 /NDF: 0.3/2

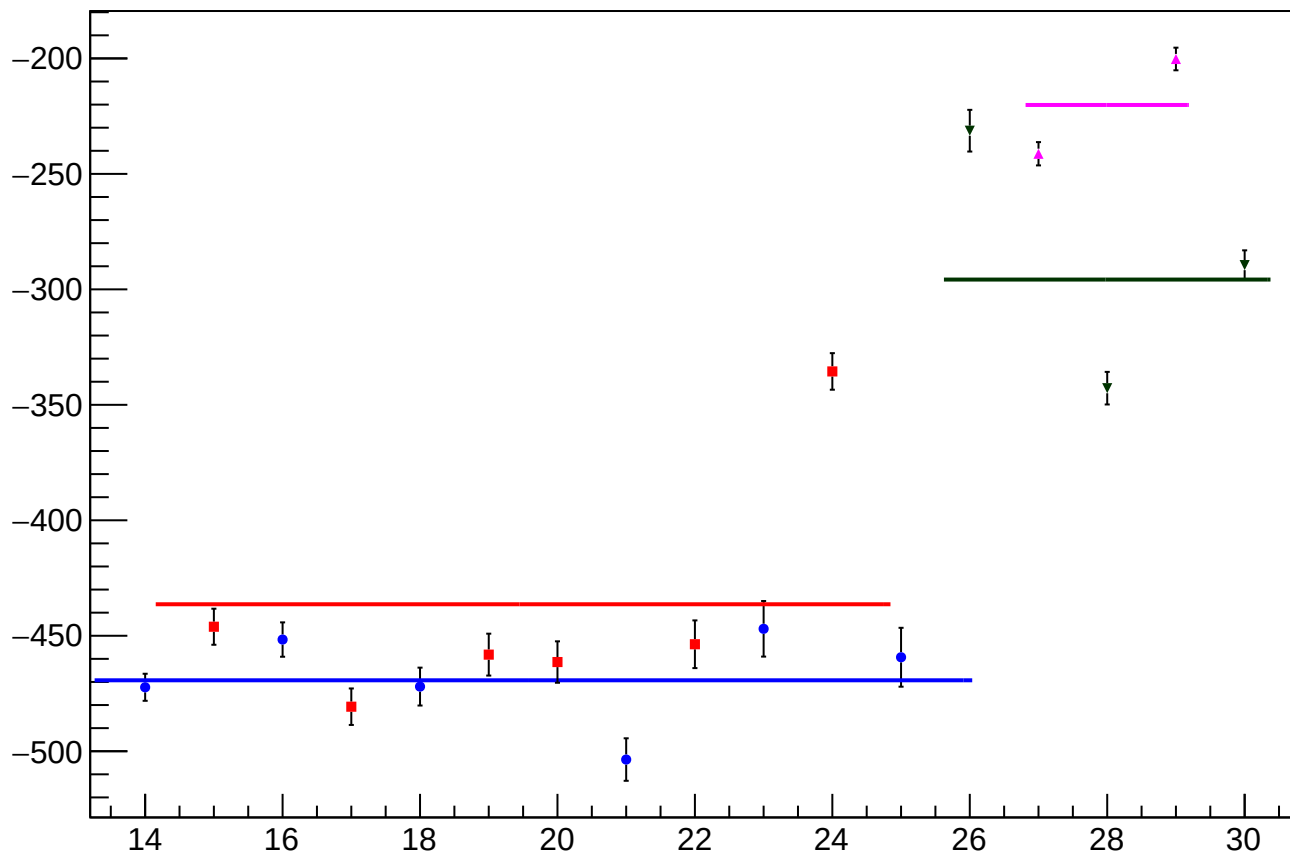
Right Out: 106.567 $\pm$ 4.618 χ^2 /NDF: 10.4/5

Left In: 84.477 $\pm$ 5.113 χ^2 /NDF: 0.4/1

91.877 $\pm$ 3.476 χ^2 /NDF: 109.4/8

96.644 $\pm$ 3.427 χ^2 /NDF: 21.0/7

reg_asym_sam2_diff_bpm4aY_slope vs slug



Right In: -469.284 ± 3.392 χ^2/NDF : 24.0/5

Left Out: -295.758 ± 4.194 χ^2/NDF : 96.4/2

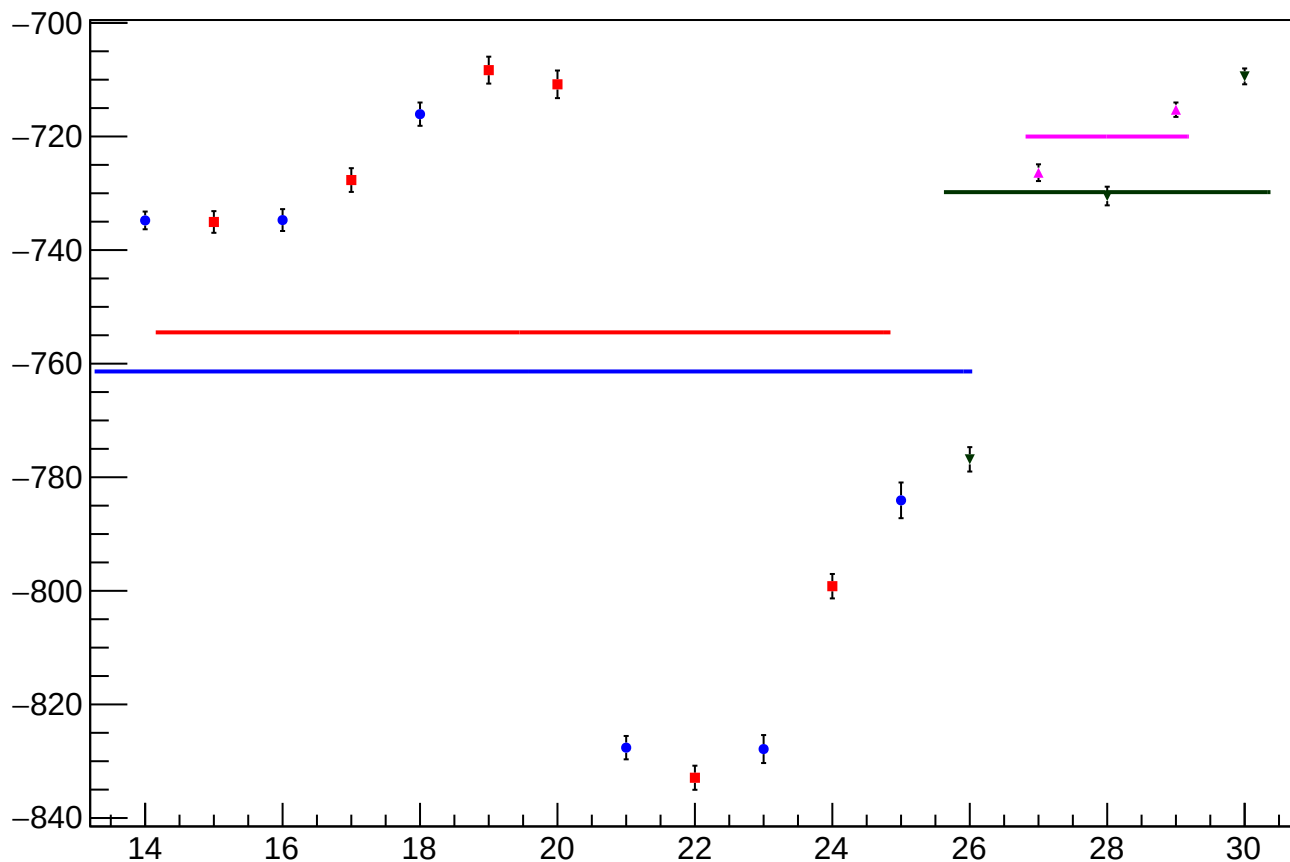
Right Out: -436.358 ± 3.485 χ^2/NDF : 211.6/5

Left In: -220.155 ± 3.514 χ^2/NDF : 34.1/1

-400.667 ± 2.637 χ^2/NDF : 1155.3/8

-329.141 ± 2.474 χ^2/NDF : 2154.3/7

reg_asym_sam2_diff_bpm4eX_slope vs slug



Right In: -761.373+/-0.839 χ^2/NDF : 2787.5/5

Left Out: -729.799+/-0.954 χ^2/NDF : 692.3/2

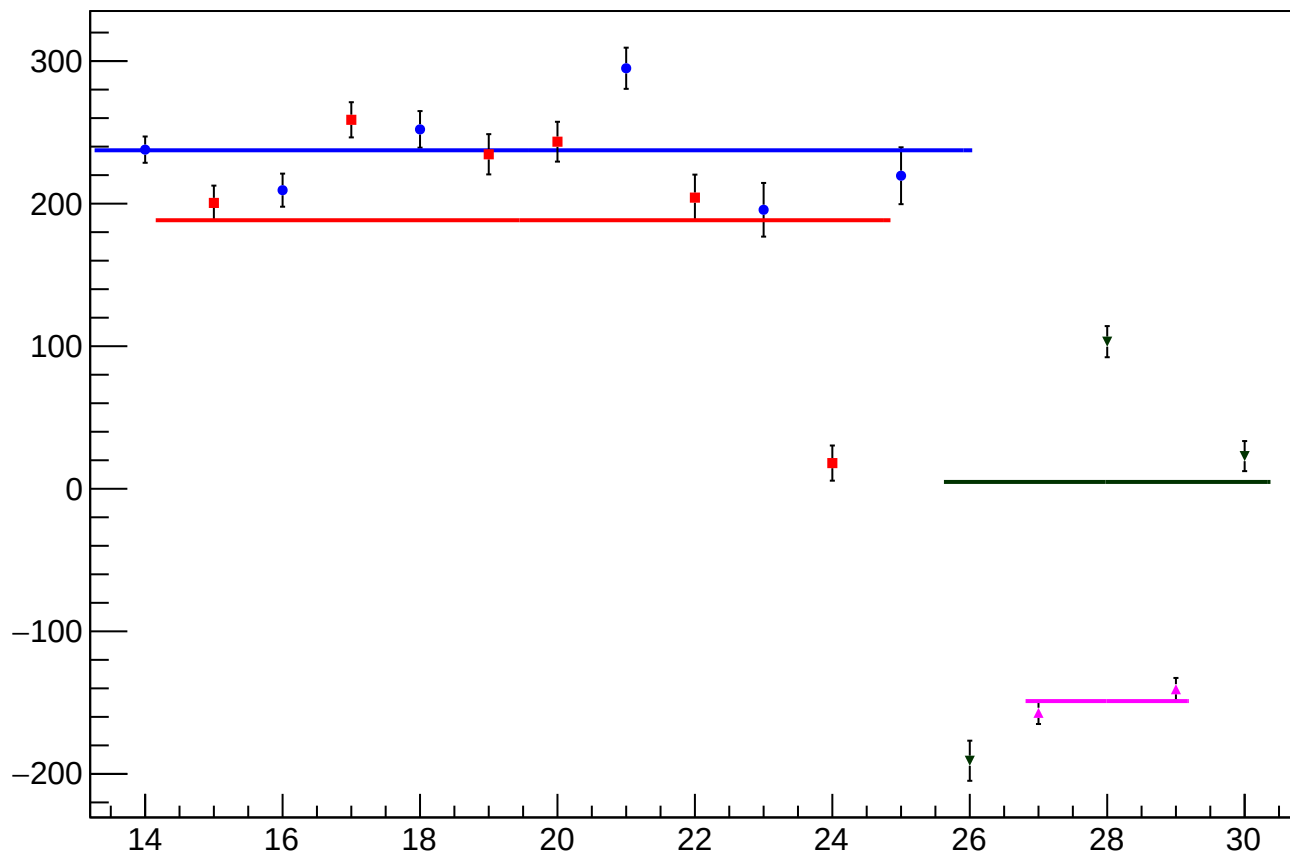
Right Out: -754.491+/-0.881 χ^2/NDF : 2767.3/5

Left In: -720.009+/-0.962 χ^2/NDF : 32.5/1

-747.602+/-0.630 χ^2/NDF : 4097.7/8

-738.759+/-0.650 χ^2/NDF : 3498.8/7

reg_asym_sam2_diff_bpm4eY_slope vs slug



Right In: 237.425 $\pm$ 5.315 χ^2/NDF : 28.7/5

Left Out: 4.800 $\pm$ 6.678 χ^2/NDF : 277.3/2

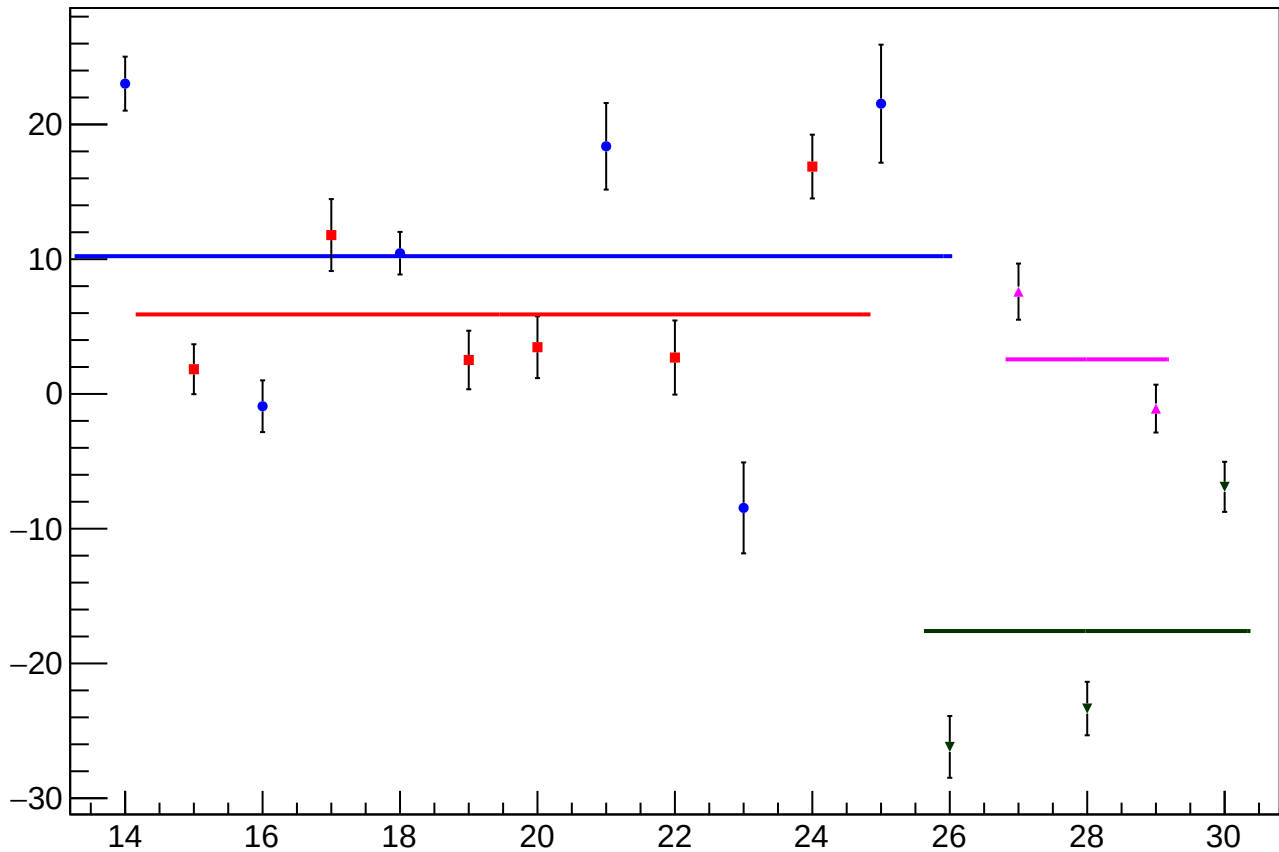
Right Out: 188.366 $\pm$ 5.431 χ^2/NDF : 251.6/5

Left In: -148.916 $\pm$ 5.573 χ^2/NDF : 2.2/1

147.224 $\pm$ 4.159 χ^2/NDF : 1048.8/8

24.063 $\pm$ 3.890 χ^2/NDF : 2132.3/7

reg_asym_sam2_diff_bpm11X_slope vs slug



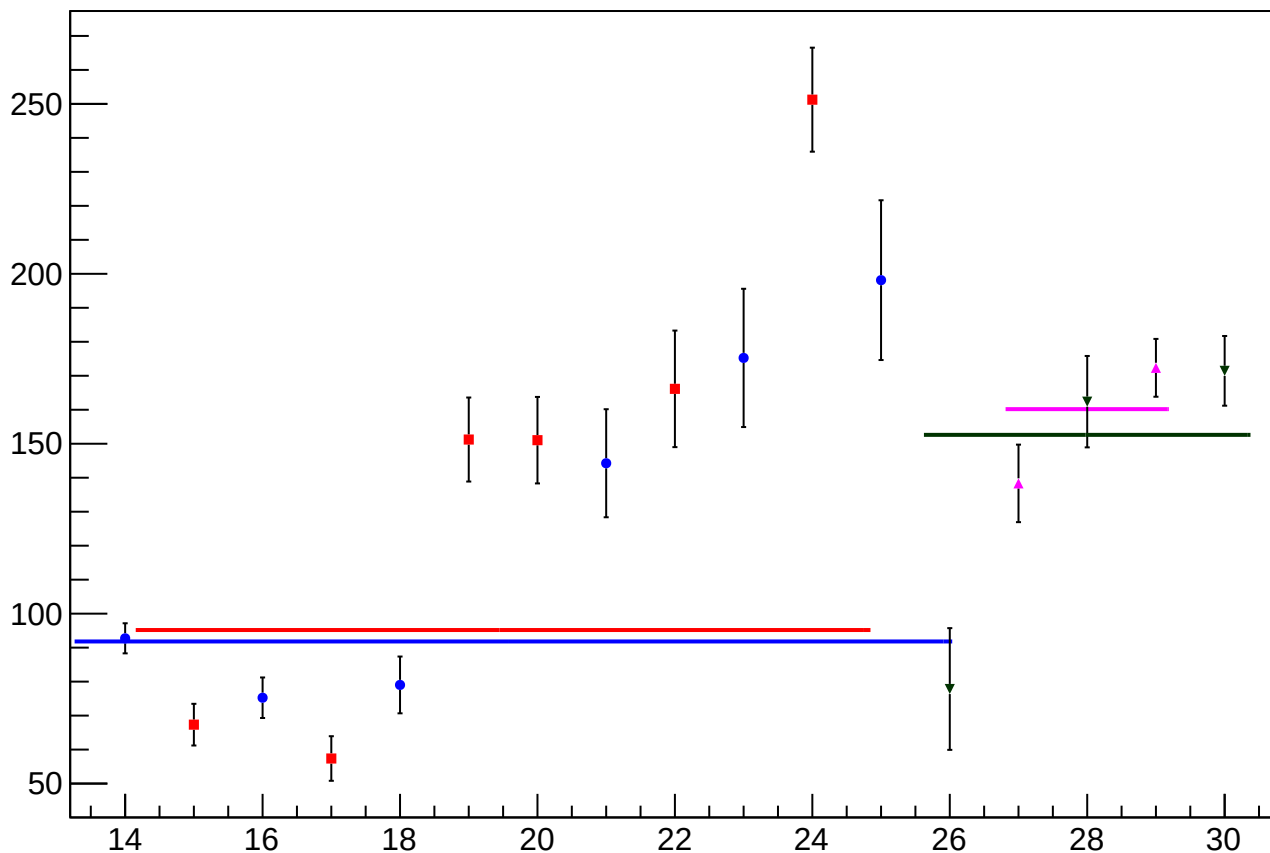
Right In: 10.225 ± 0.929 χ^2/NDF : 118.3/5

Left Out: -0.562 ± 0.727 χ^2/NDF : 521.4/8

Right Out: 4.822 ± 0.769 χ^2/NDF : 50.3/7

Left In: -17.595 ± 1.168 χ^2/NDF : 55.6/2

reg_asym_sam3_diff_bpm4aX_slope vs slug



Right In: 91.815+/-3.137 χ^2/NDF : 58.3/5

Left Out: 152.611+/-7.422 χ^2/NDF : 21.3/2

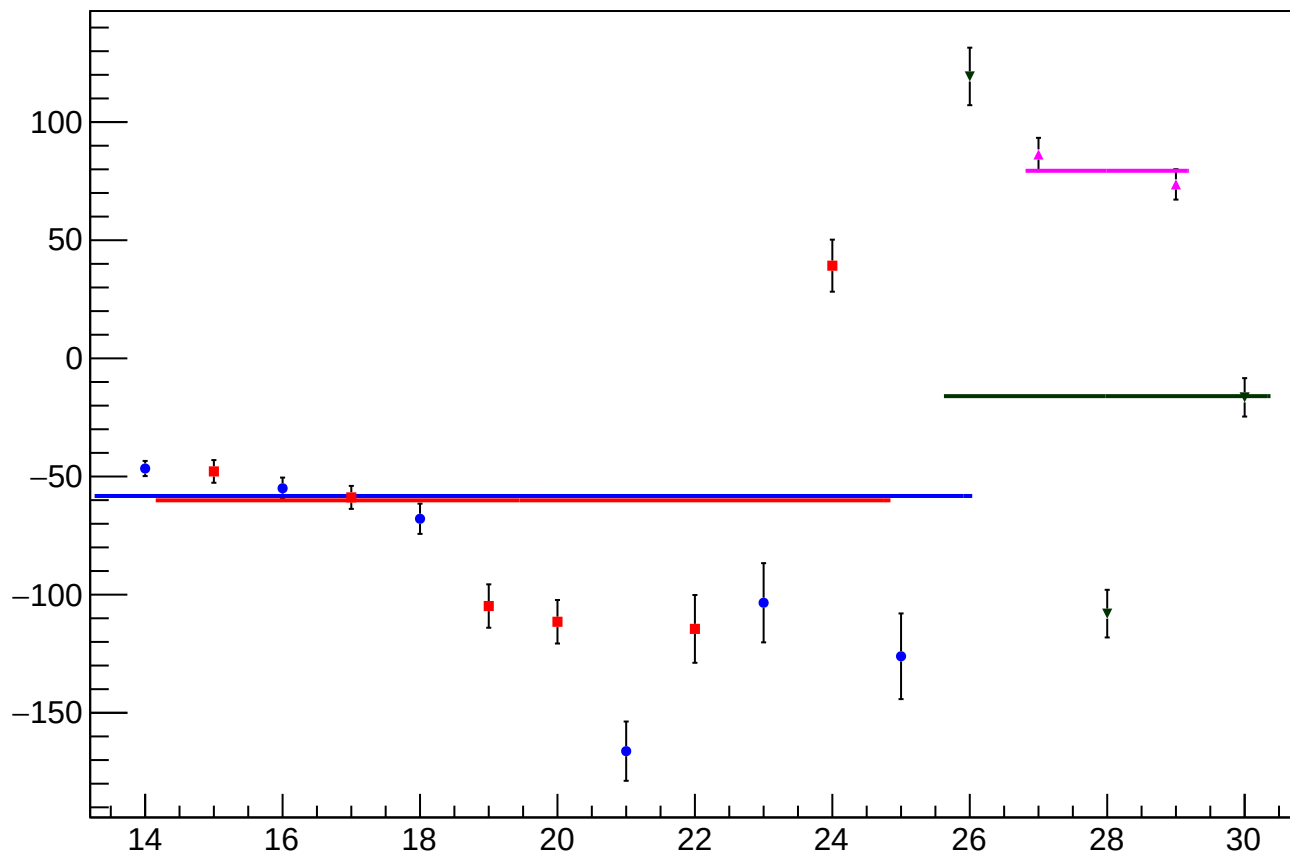
Right Out: 95.182+/-3.774 χ^2/NDF : 214.8/5

Left In: 160.179+/-6.820 χ^2/NDF : 5.7/1

101.028+/-2.889 χ^2/NDF : 136.5/8

110.416+/-3.302 χ^2/NDF : 290.0/7

reg_asym_sam3_diff_bpm4aY_slope vs slug



Right In: -58.237 $\pm$ 2.335 χ^2 /NDF: 111.3/5

Left Out: -15.984 $\pm$ 5.615 χ^2 /NDF: 207.0/2

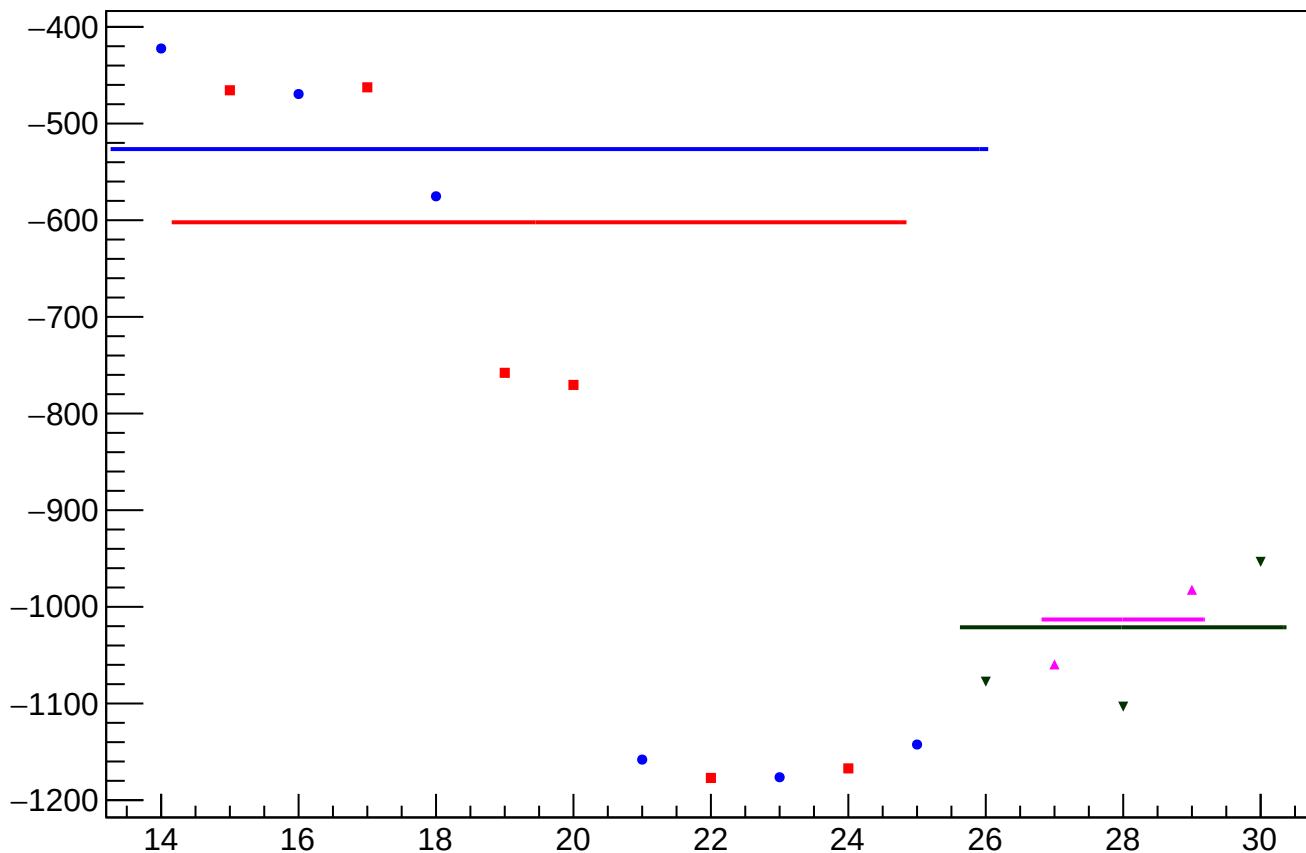
Right Out: -60.082 $\pm$ 2.858 χ^2 /NDF: 157.2/5

Left In: 79.390 $\pm$ 4.750 χ^2 /NDF: 1.8/1

-52.006 $\pm$ 2.156 χ^2 /NDF: 366.6/8

-23.001 $\pm$ 2.449 χ^2 /NDF: 791.9/7

reg_asym_sam3_diff_bpm4eX_slope vs slug



Right In: -526.408+/-0.604 χ^2/NDF : 123424.3/5

Left Out: -1021.143+/-1.274 χ^2/NDF : 3042.9/2

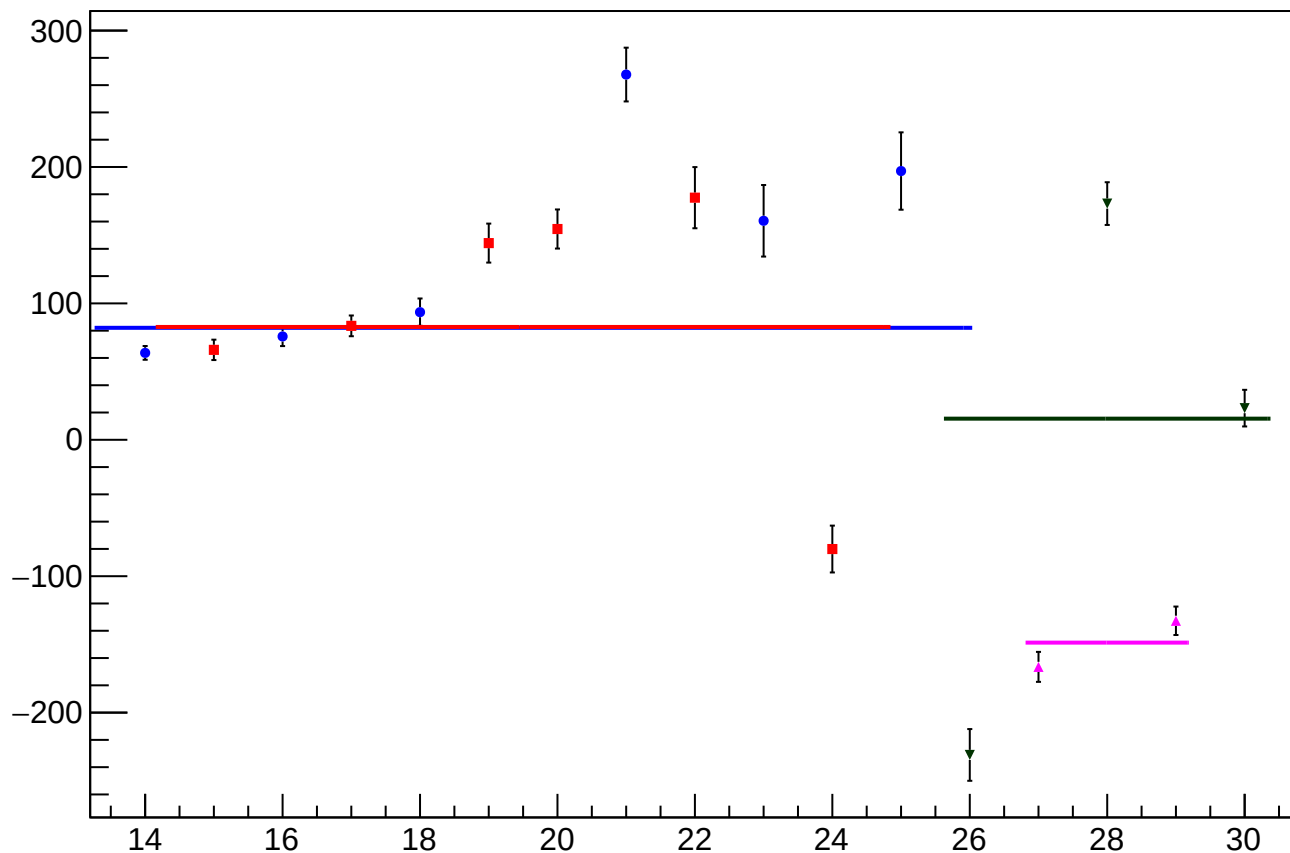
Right Out: -602.159+/-0.727 χ^2/NDF : 107792.7/5

Left In: -1013.070+/-1.287 χ^2/NDF : 862.5/1

-617.281+/-0.546 χ^2/NDF : 249529.7/8

-701.598+/-0.633 χ^2/NDF : 185909.3/7

reg_asym_sam3_diff_bpm4eY_slope vs slug



Right In: 82.099+/-3.662 χ^2 /NDF: 129.5/5

Left Out: 15.500+/-8.979 χ^2 /NDF: 270.6/2

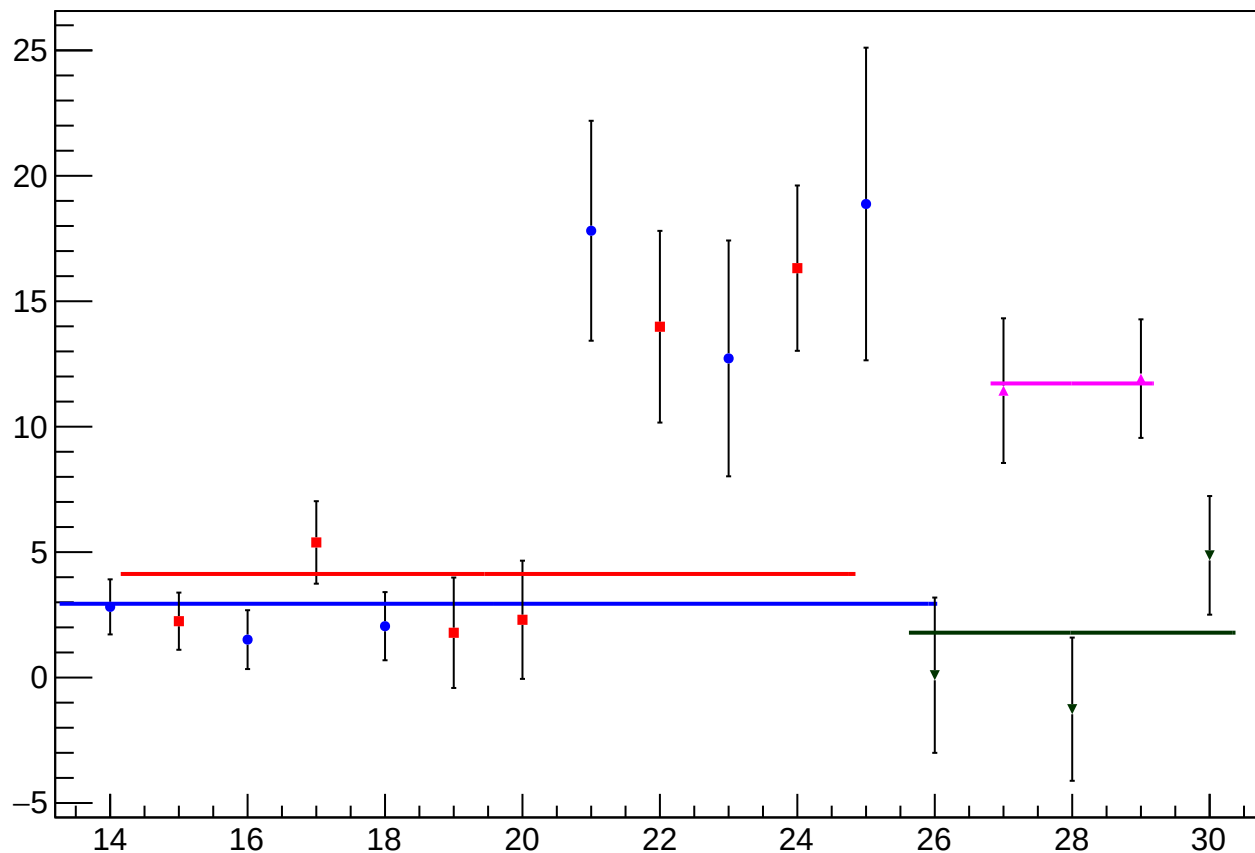
Right Out: 82.723+/-4.456 χ^2 /NDF: 156.4/5

Left In: -148.691+/-7.566 χ^2 /NDF: 5.0/1

72.601+/-3.391 χ^2 /NDF: 447.3/8

23.127+/-3.839 χ^2 /NDF: 856.0/7

reg_asym_sam3_diff_bpm11X_slope vs slug



Right In: 2.942 ± 0.671 χ^2/NDF : 24.3/5

Left Out: 1.789 ± 1.569 χ^2/NDF : 3.1/2

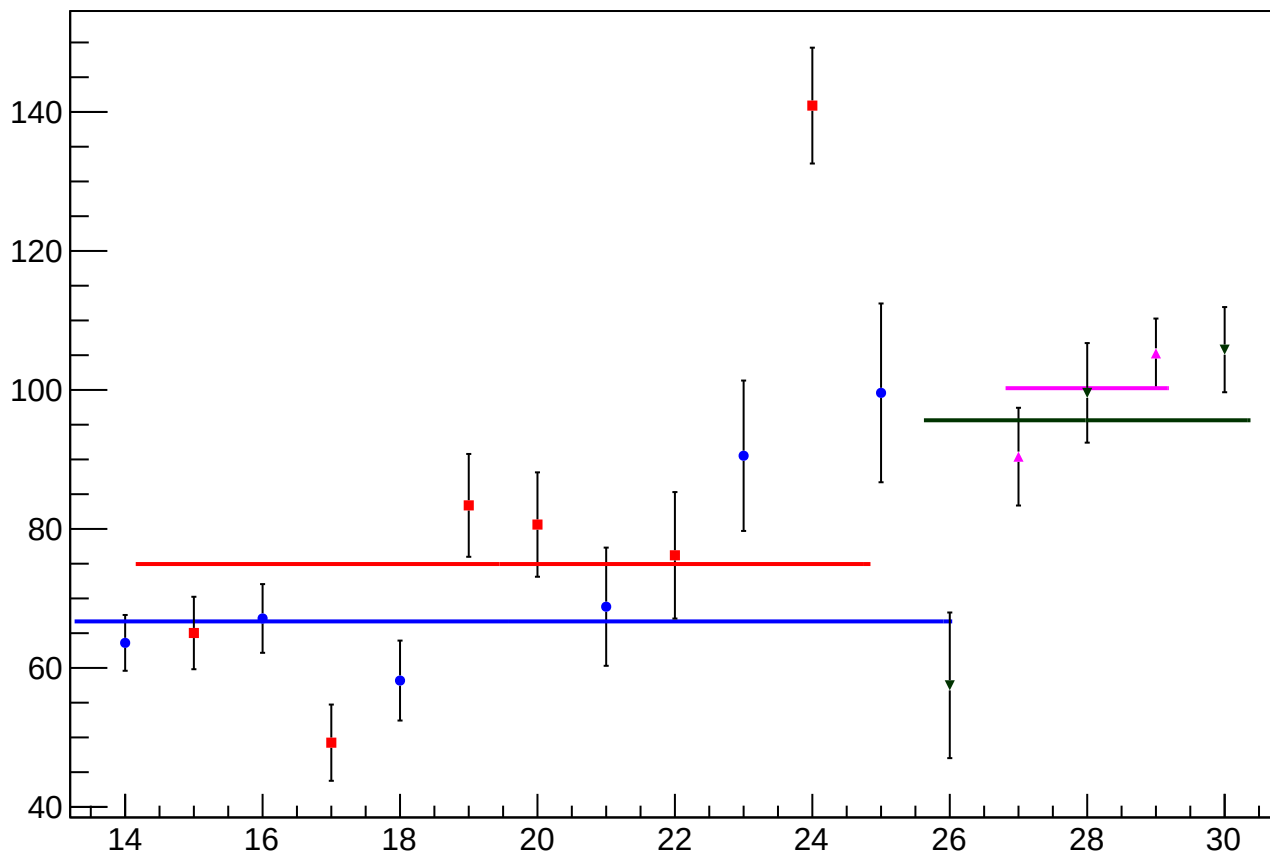
Right Out: 4.130 ± 0.770 χ^2/NDF : 25.4/5

Left In: 11.723 ± 1.828 χ^2/NDF : 0.0/1

2.764 ± 0.617 χ^2/NDF : 27.9/8

5.274 ± 0.709 χ^2/NDF : 40.1/7

reg_asym_sam4_diff_bpm4aX_slope vs slug



Right In: 66.694 $\pm$ 2.488 χ^2 /NDF: 14.2/5

Left Out: 95.636 $\pm$ 4.256 χ^2 /NDF:16.3/2

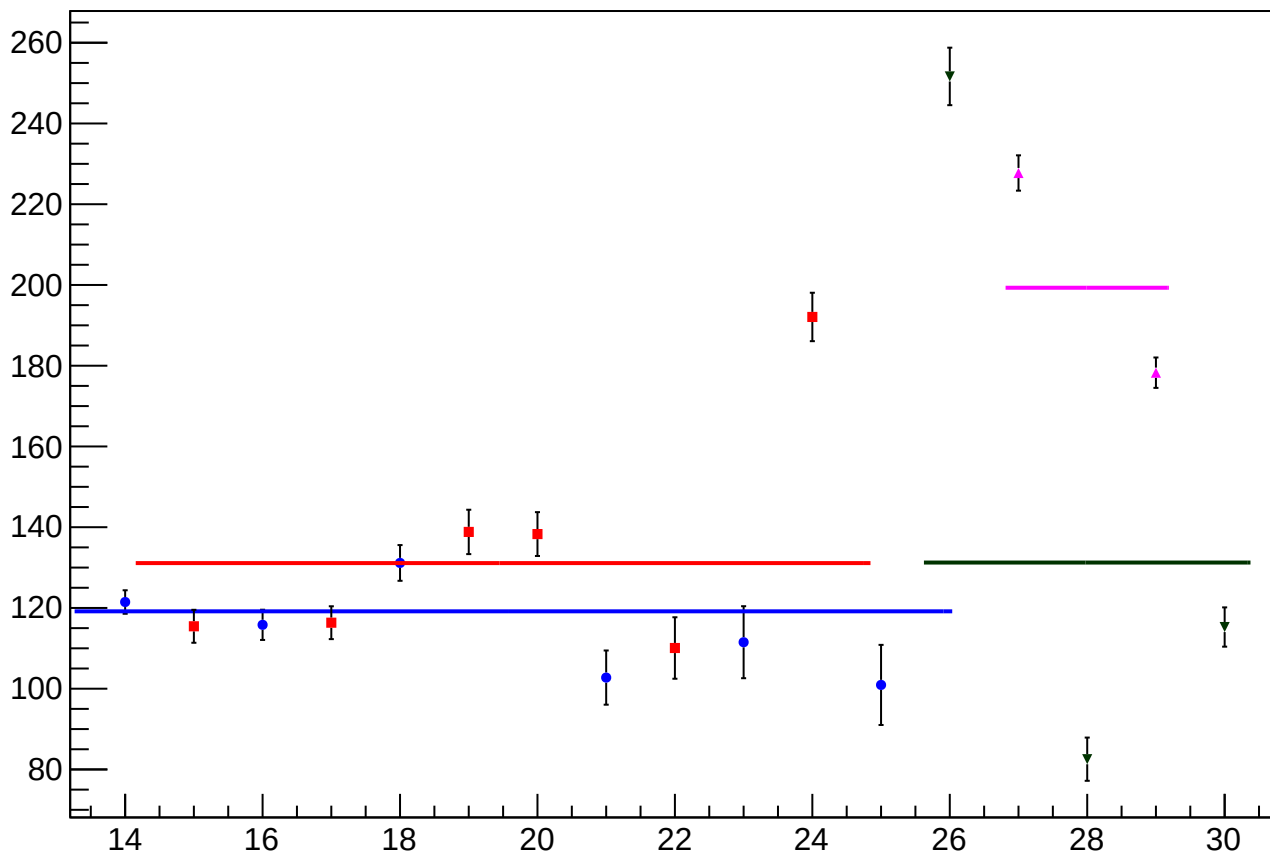
Right Out: 74.950 $\pm$ 2.747 χ^2 /NDF: 90.1/5

Left In: 100.253 $\pm$ 4.082 χ^2 /NDF:3.0/1

74.065 $\pm$ 2.148 χ^2 /NDF: 65.0/8

82.838 $\pm$ 2.279 χ^2 /NDF: 119.5/7

reg_asym_sam4_diff_bpm4aY_slope vs slug



Right In: 119.165+/-1.871 χ^2/NDF : 18.9/5

Left Out: 131.247+/-3.213 χ^2/NDF : 379.5/2

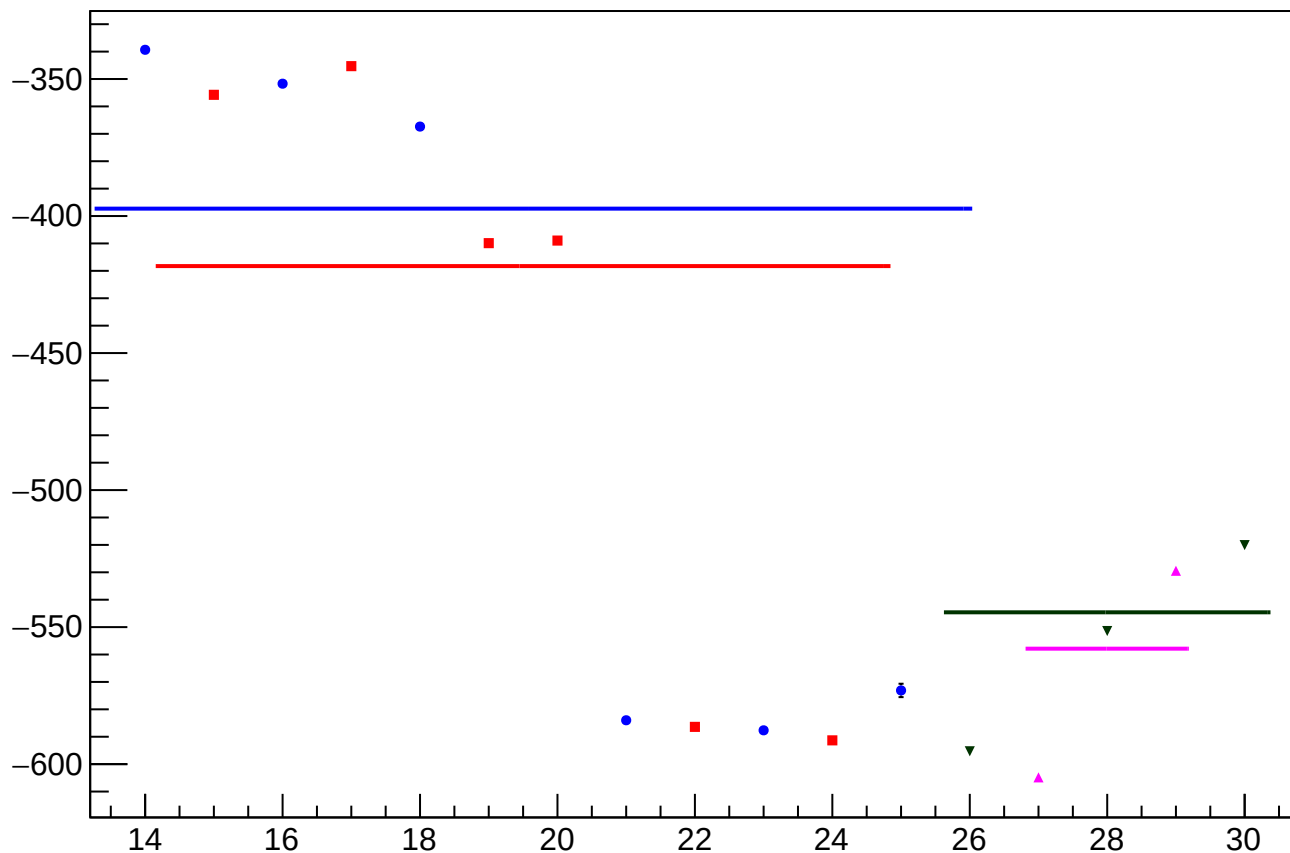
Right Out: 131.111+/-2.074 χ^2/NDF : 142.6/5

Left In: 199.313+/-2.853 χ^2/NDF : 73.4/1

122.226+/-1.617 χ^2/NDF : 408.9/8

154.685+/-1.678 χ^2/NDF : 589.8/7

reg_asym_sam4_diff_bpm4eX_slope vs slug



Right In: -397.300+/-0.475 χ^2/NDF : 39979.4/5

Left Out: -544.599+/-0.730 χ^2/NDF :1459.7/2

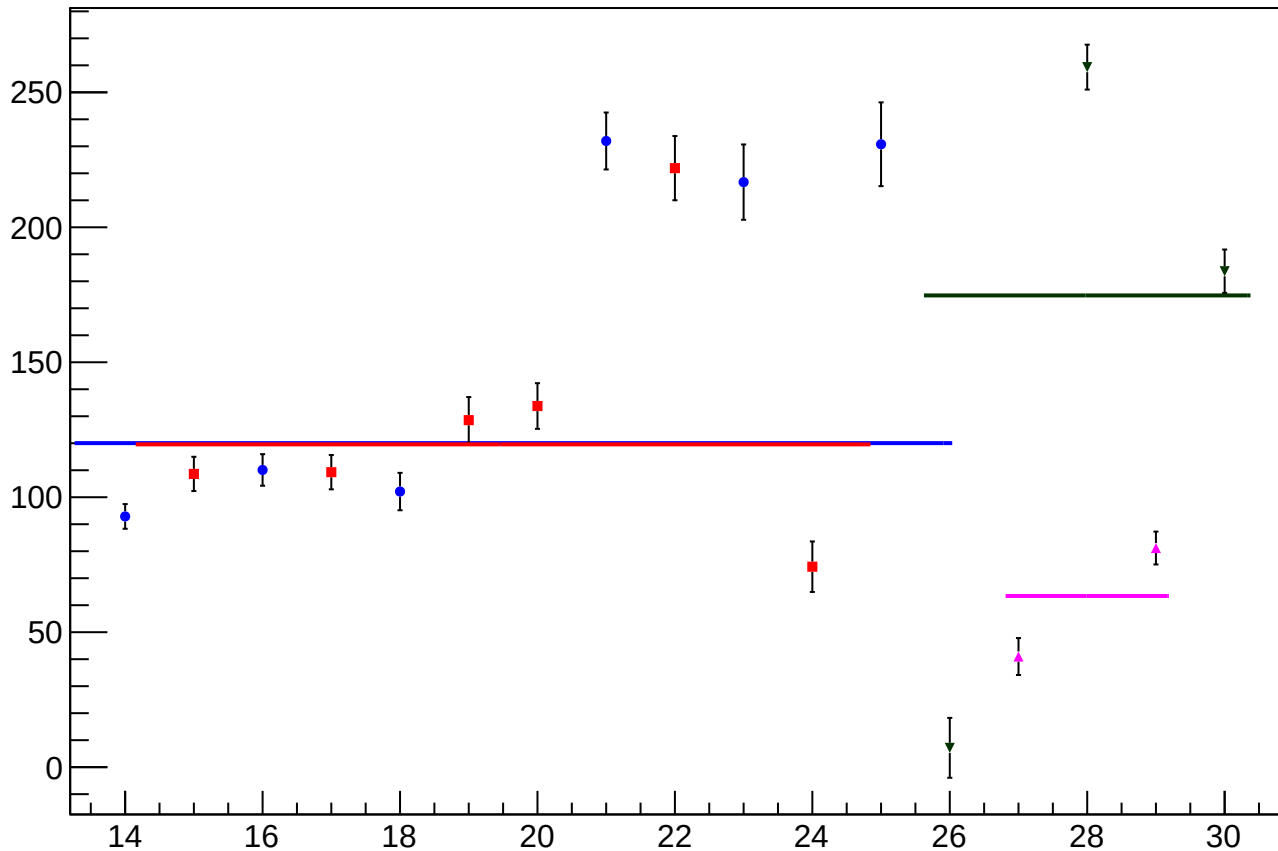
Right Out: -418.264+/-0.527 χ^2/NDF : 31448.6/5

Left In: -557.865+/-0.770 χ^2/NDF :2249.6/1

-441.037+/-0.398 χ^2/NDF : 70048.7/8

-462.783+/-0.435 χ^2/NDF : 56067.9/7

reg_asym_sam4_diff_bpm4eY_slope vs slug



Right In: 120.042 $\pm$ 2.934 χ^2 /NDF: 256.4/5

Left Out: 174.758 $\pm$ 5.125 χ^2 /NDF:332.8/2

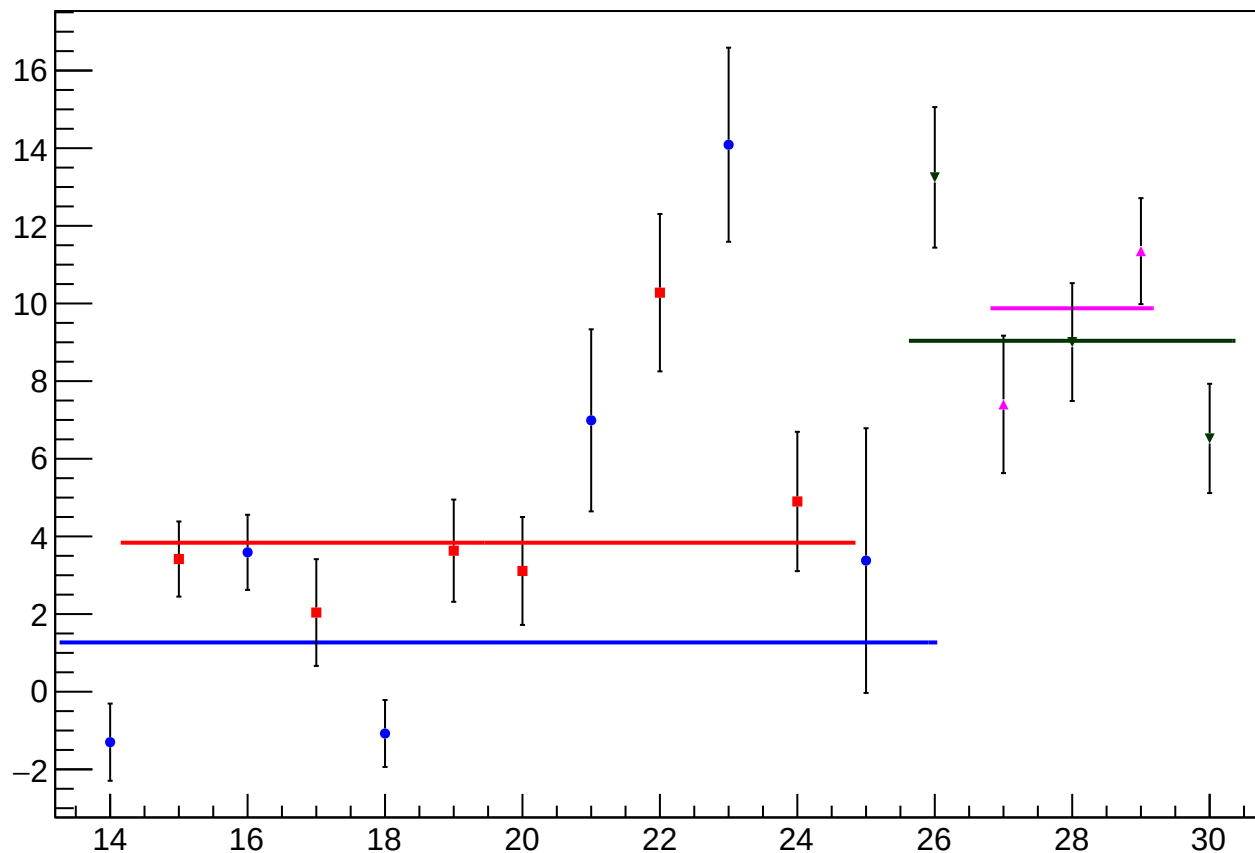
Right Out: 119.582 $\pm$ 3.233 χ^2 /NDF: 107.0/5

Left In: 63.421 $\pm$ 4.547 χ^2 /NDF:19.3/1

133.545 $\pm$ 2.546 χ^2 /NDF: 675.0/8

100.724 $\pm$ 2.635 χ^2 /NDF: 227.6/7

reg_asym_sam4_diff_bpm11X_slope vs slug



Right In: 1.269 ± 0.510 χ^2/NDF : 52.5/5

Left Out: 9.039 ± 0.897 χ^2/NDF : 8.6/2

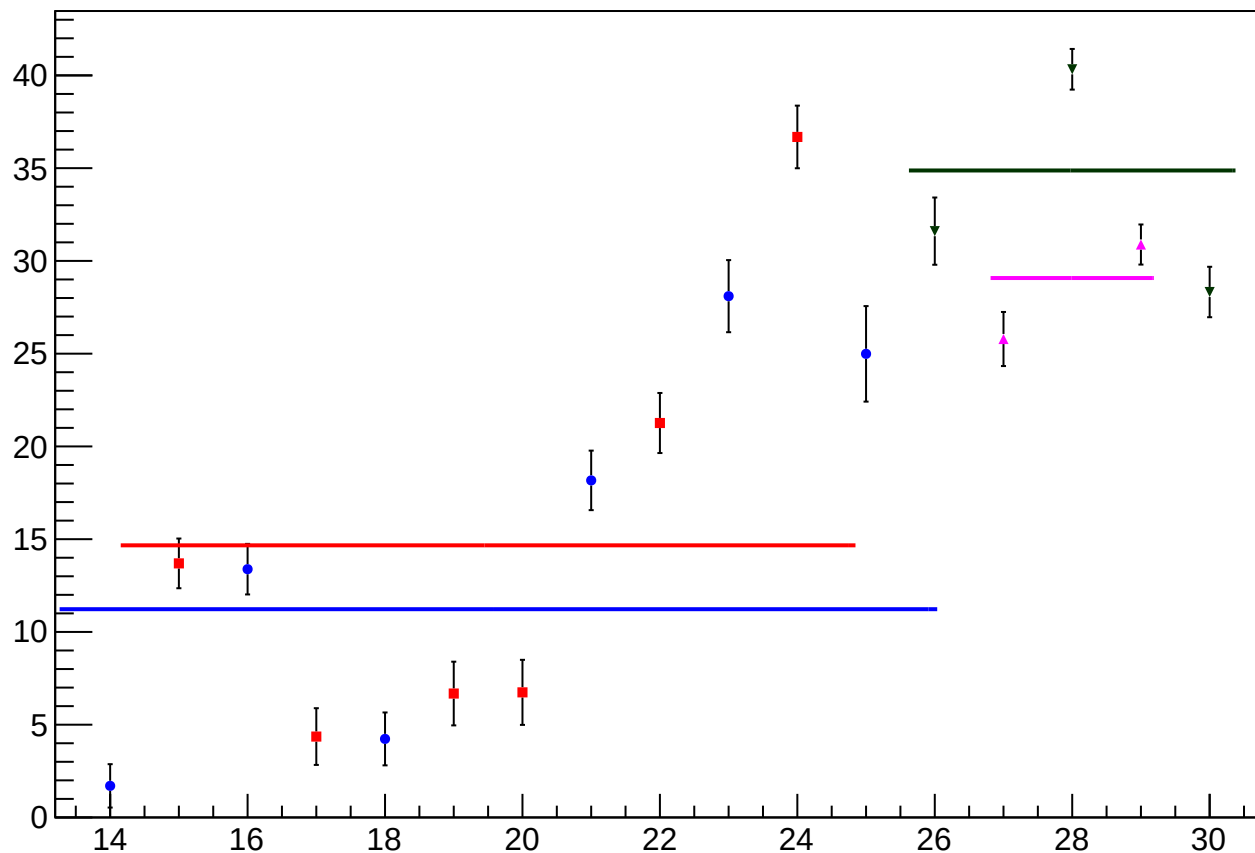
Right Out: 3.838 ± 0.555 χ^2/NDF : 12.6/5

Left In: 9.876 ± 1.081 χ^2/NDF : 3.1/1

3.166 ± 0.443 χ^2/NDF : 117.8/8

5.098 ± 0.494 χ^2/NDF : 40.4/7

reg_asym_sam5_diff_bpm4aX_slope vs slug



Right In: 11.226+/-0.624 χ^2/NDF : 215.6/5

Left Out: 34.875+/-0.772 χ^2/NDF : 51.2/2

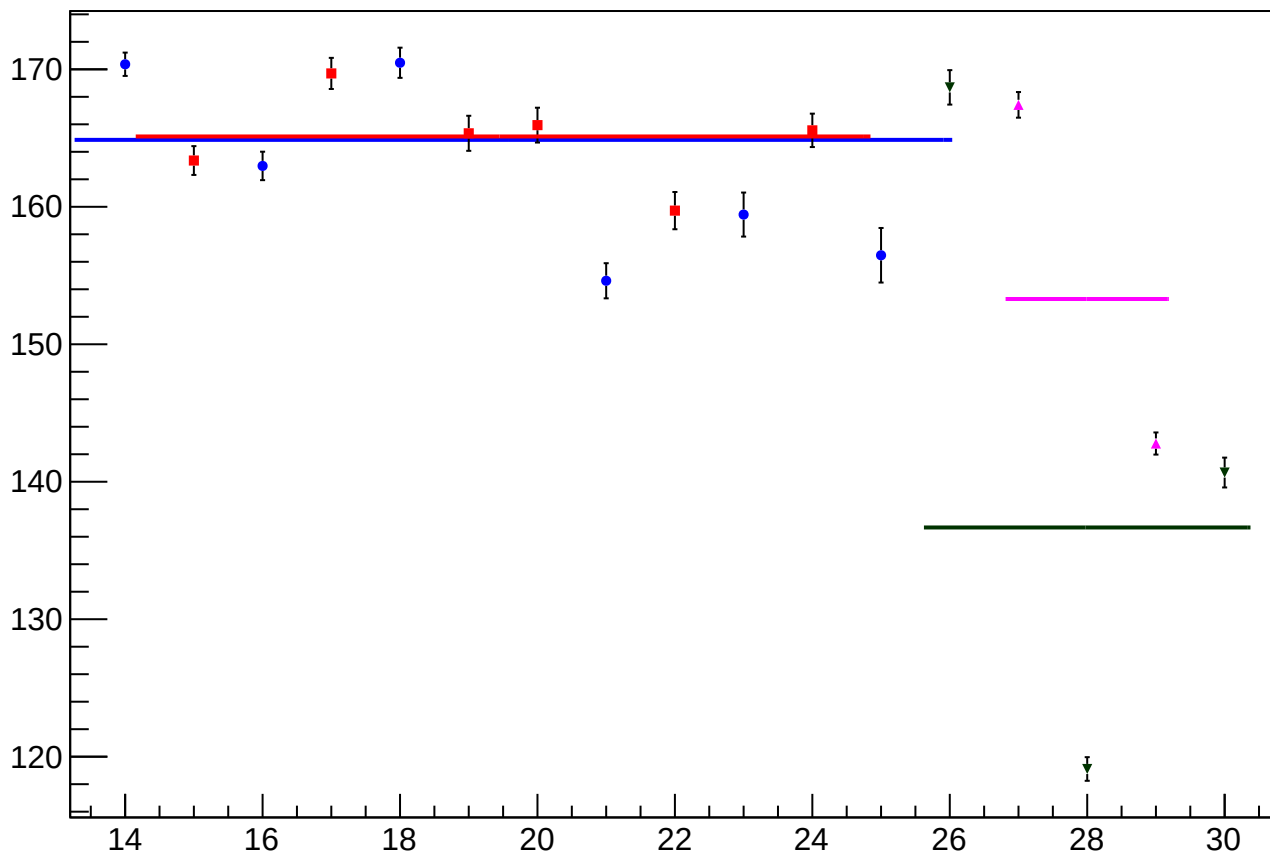
Right Out: 14.669+/-0.648 χ^2/NDF : 274.8/5

Left In: 29.077+/-0.868 χ^2/NDF : 7.9/1

20.576+/-0.485 χ^2/NDF : 834.2/8

19.823+/-0.519 χ^2/NDF : 459.6/7

reg_asym_sam5_diff_bpm4aY_slope vs slug



Right In: 164.869 $\pm$ 0.476 χ^2 /NDF: 165.2/5

Left Out: 136.673 $\pm$ 0.594 χ^2 /NDF:1083.5/2

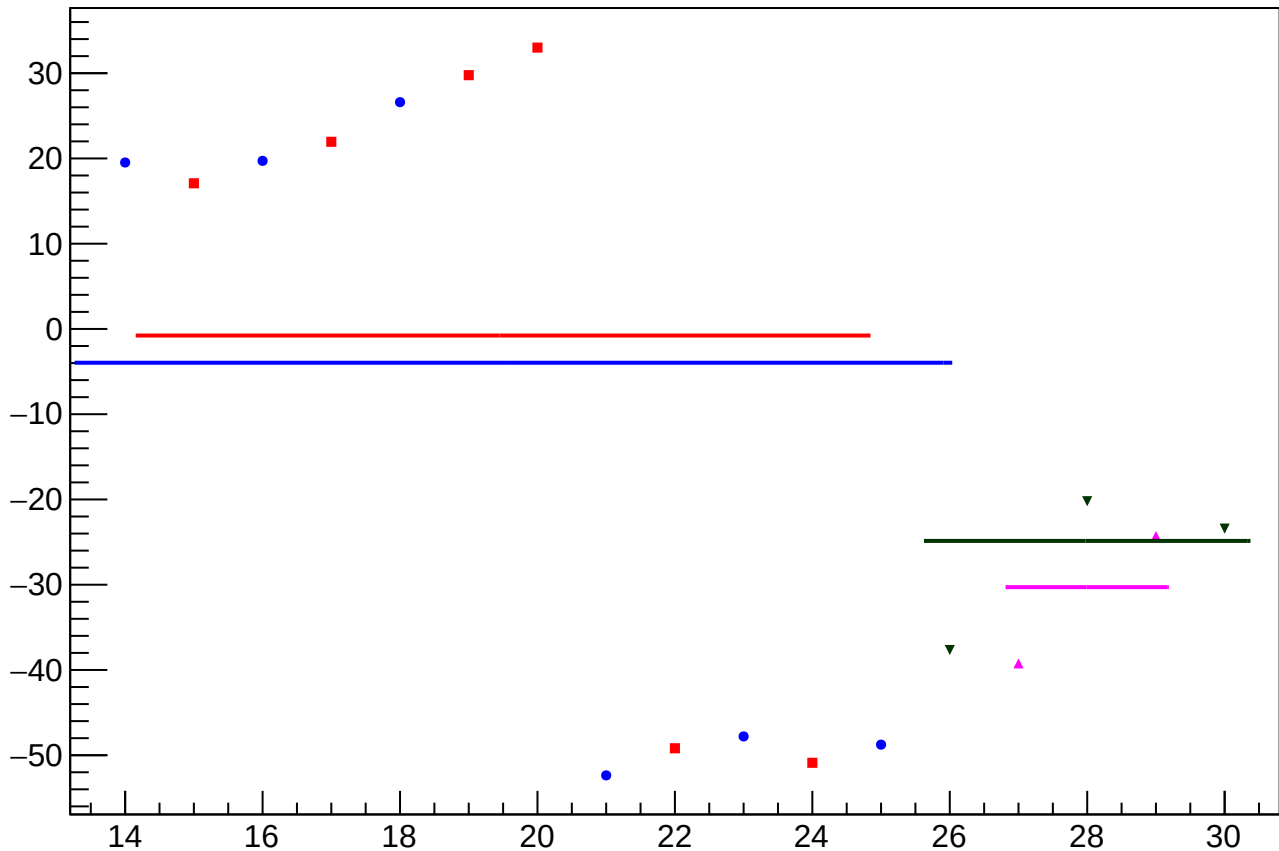
Right Out: 165.116 $\pm$ 0.491 χ^2 /NDF: 35.6/5

Left In: 153.293 $\pm$ 0.609 χ^2 /NDF:399.8/1

153.827 $\pm$ 0.371 χ^2 /NDF: 2621.4/8

160.464 $\pm$ 0.382 χ^2 /NDF: 663.8/7

reg_asym_sam5_diff_bpm4eX_slope vs slug



Right In: -3.962+/-0.117 χ^2/NDF : 86393.4/5

Left Out: -24.862+/-0.133 χ^2/NDF : 2490.7/2

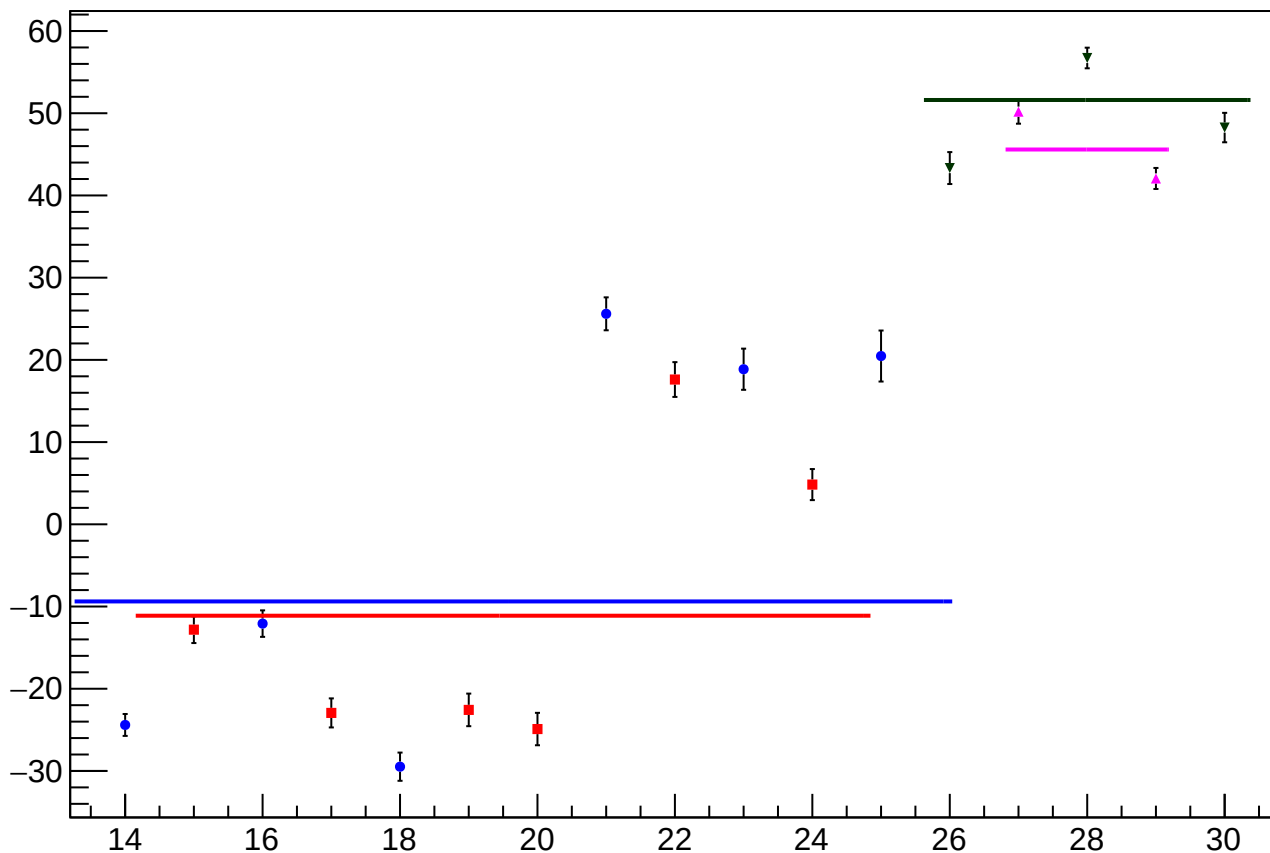
Right Out: -0.772+/-0.123 χ^2/NDF : 81792.3/5

Left In: -30.285+/-0.163 χ^2/NDF : 2028.3/1

-13.083+/-0.088 χ^2/NDF : 102739.4/8

-11.547+/-0.098 χ^2/NDF : 104726.9/7

reg_asym_sam5_diff_bpm4eY_slope vs slug



Right In: -9.381 ± 0.745 χ^2/NDF : 791.9/5

Left Out: 51.611 ± 0.908 χ^2/NDF : 38.2/2

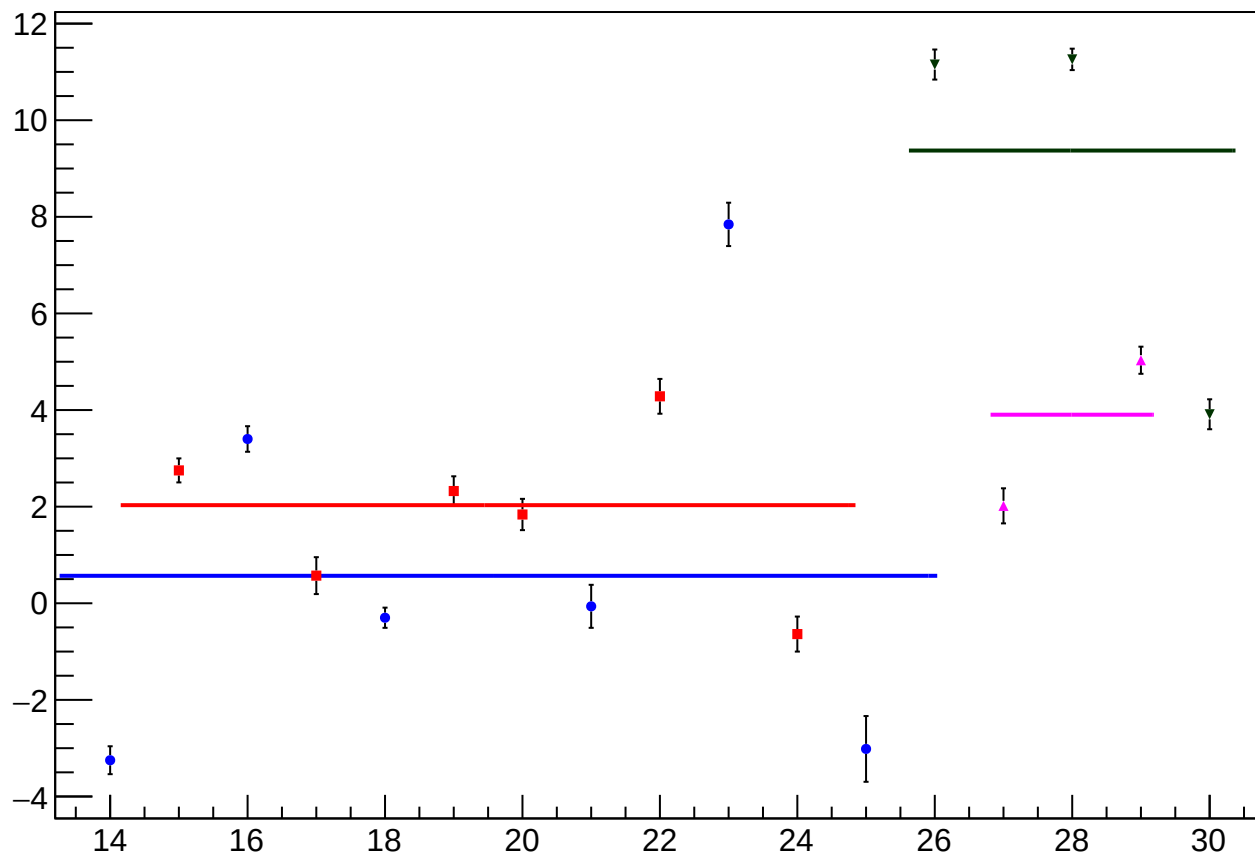
Right Out: -11.118 ± 0.764 χ^2/NDF : 383.8/5

Left In: 45.588 ± 0.963 χ^2/NDF : 17.5/1

15.154 ± 0.576 χ^2/NDF : 3524.4/8

10.792 ± 0.598 χ^2/NDF : 2529.9/7

reg_asym_sam5_diff_bpm11X_slope vs slug



Right In: 0.569+/-0.128 χ^2/NDF : 599.0/5

Left Out: 9.372+/-0.156 χ^2/NDF : 415.1/2

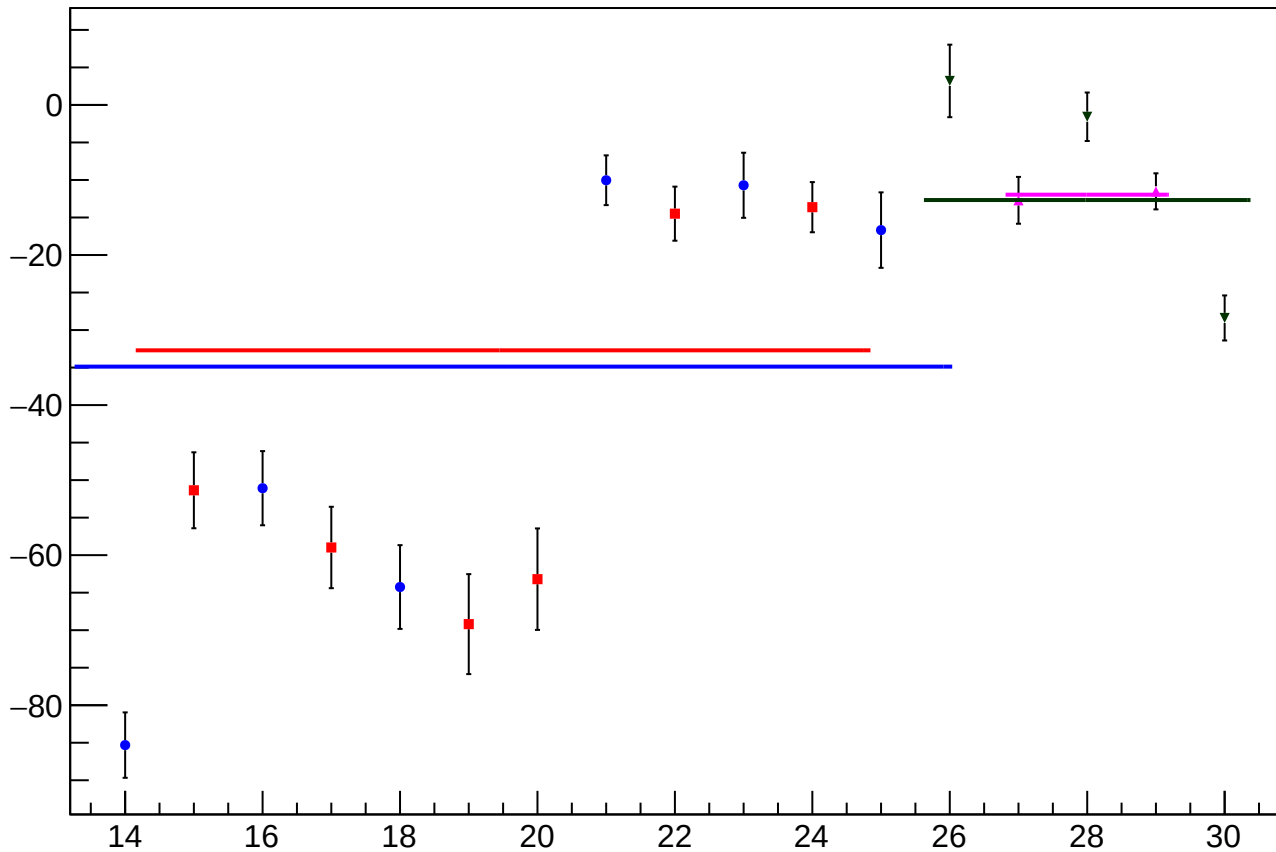
Right Out: 2.031+/-0.131 χ^2/NDF : 117.6/5

Left In: 3.904+/-0.222 χ^2/NDF : 43.1/1

4.100+/-0.099 χ^2/NDF : 2920.3/8

2.512+/-0.113 χ^2/NDF : 213.5/7

reg_asym_sam6_diff_bpm4aX_slope vs slug



Right In: -34.874 ± 1.798 χ^2/NDF : 272.6/5

Left Out: -12.673 ± 2.002 χ^2/NDF : 50.0/2

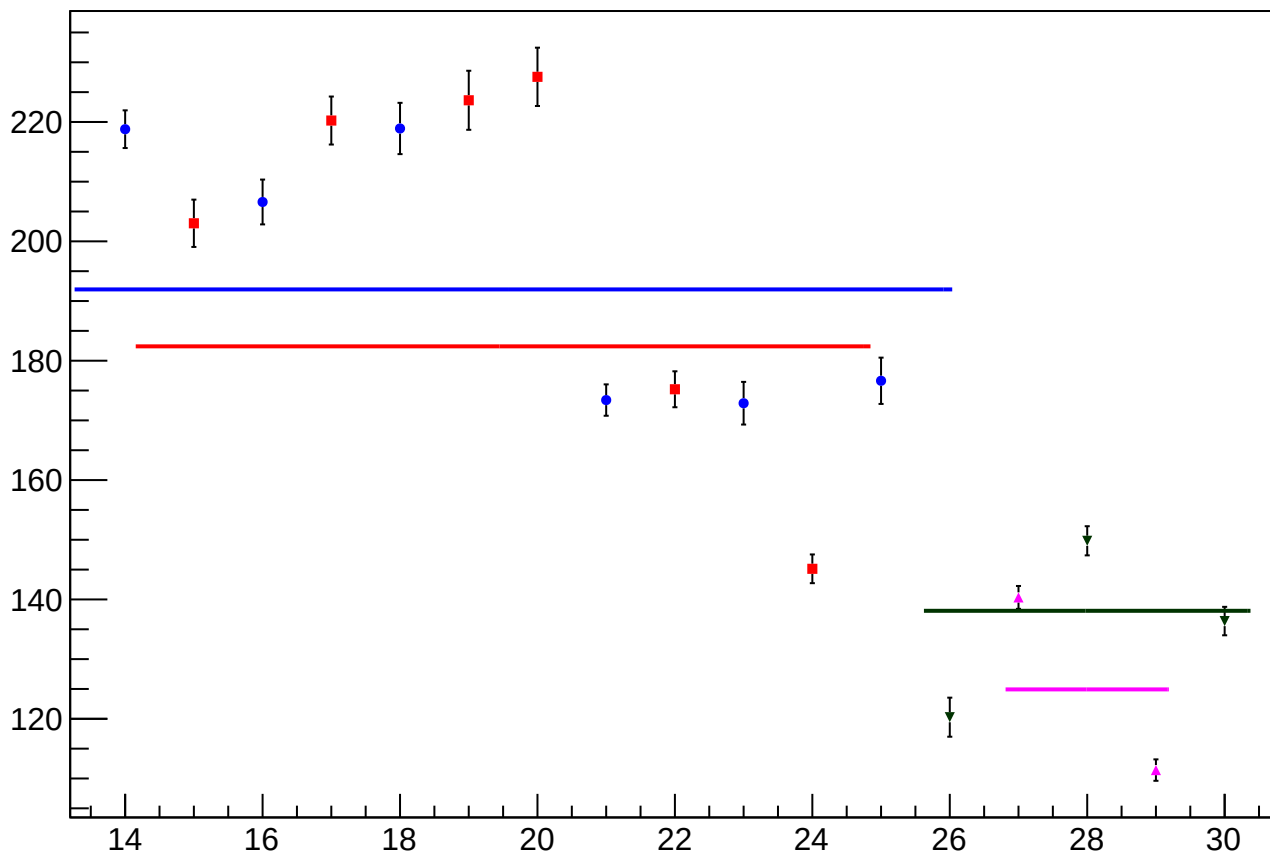
Right Out: -32.703 ± 1.877 χ^2/NDF : 145.5/5

Left In: -11.959 ± 1.904 χ^2/NDF : 0.1/1

-24.959 ± 1.338 χ^2/NDF : 390.7/8

-22.481 ± 1.337 χ^2/NDF : 205.8/7

reg_asym_sam6_diff_bpm4aY_slope vs slug



Right In: 191.945+/-1.394 χ^2/NDF : 220.6/5

Left Out: 138.096+/-1.513 χ^2/NDF : 53.2/2

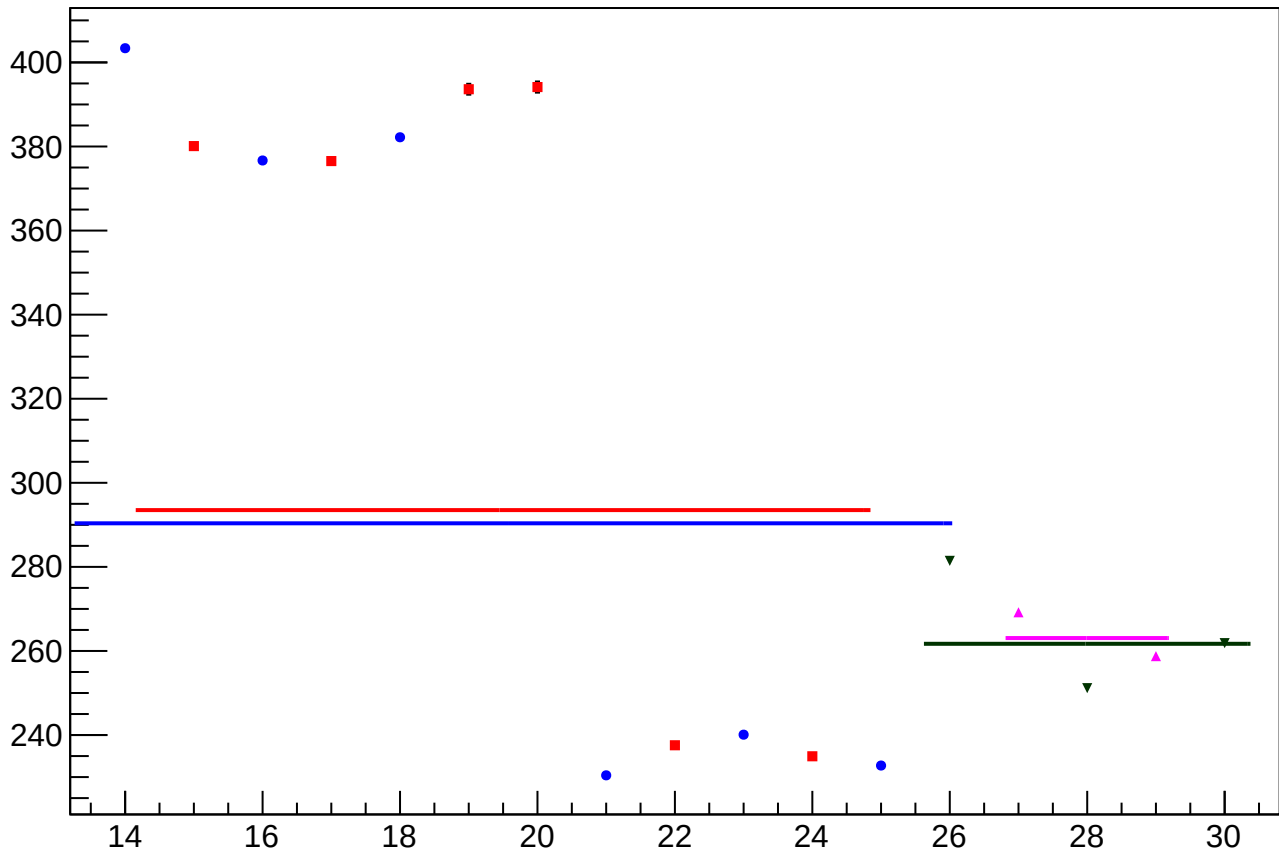
Right Out: 182.406+/-1.427 χ^2/NDF : 516.0/5

Left In: 124.926+/-1.311 χ^2/NDF : 121.3/1

167.219+/-1.025 χ^2/NDF : 959.2/8

151.226+/-0.965 χ^2/NDF : 1517.4/7

reg_asym_sam6_diff_bpm4eX_slope vs slug



Right In: 290.366 ± 0.330 χ^2/NDF : 51991.7/5

Left Out: 261.704 ± 0.344 χ^2/NDF : 978.7/2

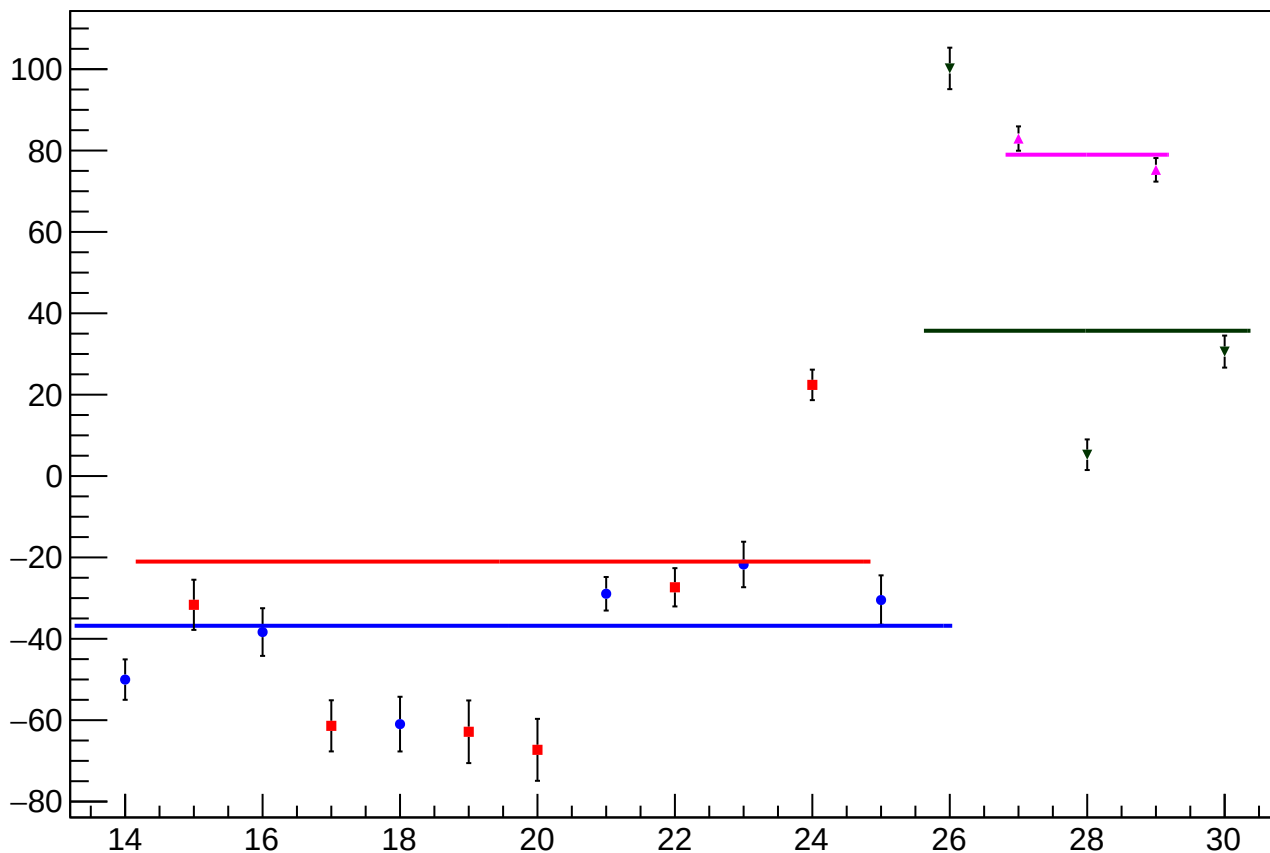
Right Out: 293.509 ± 0.352 χ^2/NDF : 41997.0/5

Left In: 263.072 ± 0.358 χ^2/NDF : 205.4/1

276.632 ± 0.238 χ^2/NDF : 56588.6/8

278.550 ± 0.251 χ^2/NDF : 45871.2/7

reg_asym_sam6_diff_bpm4eY_slope vs slug



Right In: -36.798 $\pm$ 2.183 χ^2 /NDF: 32.1/5

Left Out: 35.709 $\pm$ 2.400 χ^2 /NDF: 227.2/2

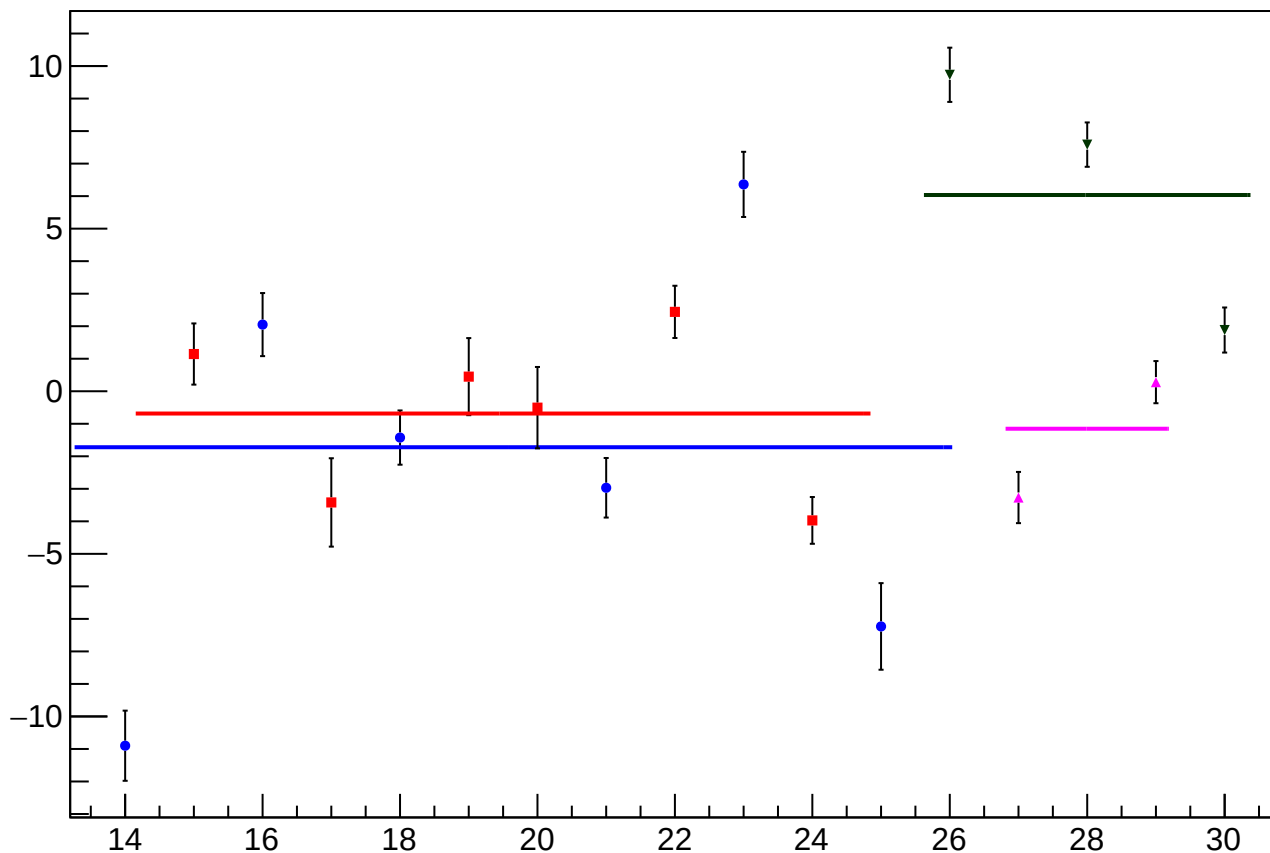
Right Out: -21.021 $\pm$ 2.224 χ^2 /NDF: 246.8/5

Left In: 78.981 $\pm$ 2.081 χ^2 /NDF: 3.4/1

-3.968 $\pm$ 1.615 χ^2 /NDF: 758.6/8

32.312 $\pm$ 1.519 χ^2 /NDF: 1328.3/7

reg_asym_sam6_diff_bpm11X_slope vs slug



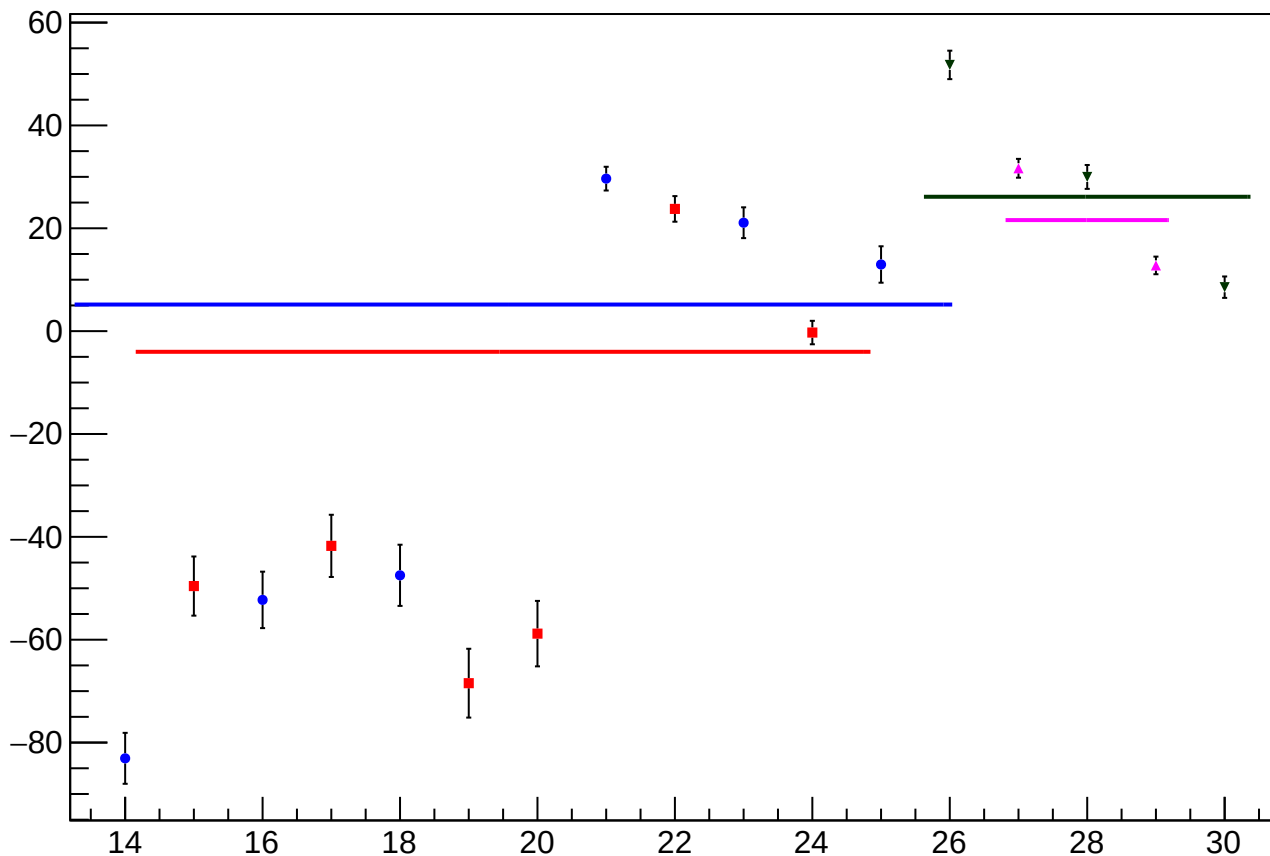
Right In: -1.721 ± 0.404 χ^2/NDF : 171.7/5

Left Out: 2.011 ± 0.291 χ^2/NDF : 409.3/8

Right Out: -0.685 ± 0.392 χ^2/NDF : 44.8/5

Left In: -1.153 ± 0.501 χ^2/NDF : 12.1/1

reg_asym_sam7_diff_bpm4aX_slope vs slug



Right In: 5.172 $\pm$ 1.442 χ^2 /NDF: 650.8/5

Left Out: 26.130 $\pm$ 1.353 χ^2 /NDF:159.9/2

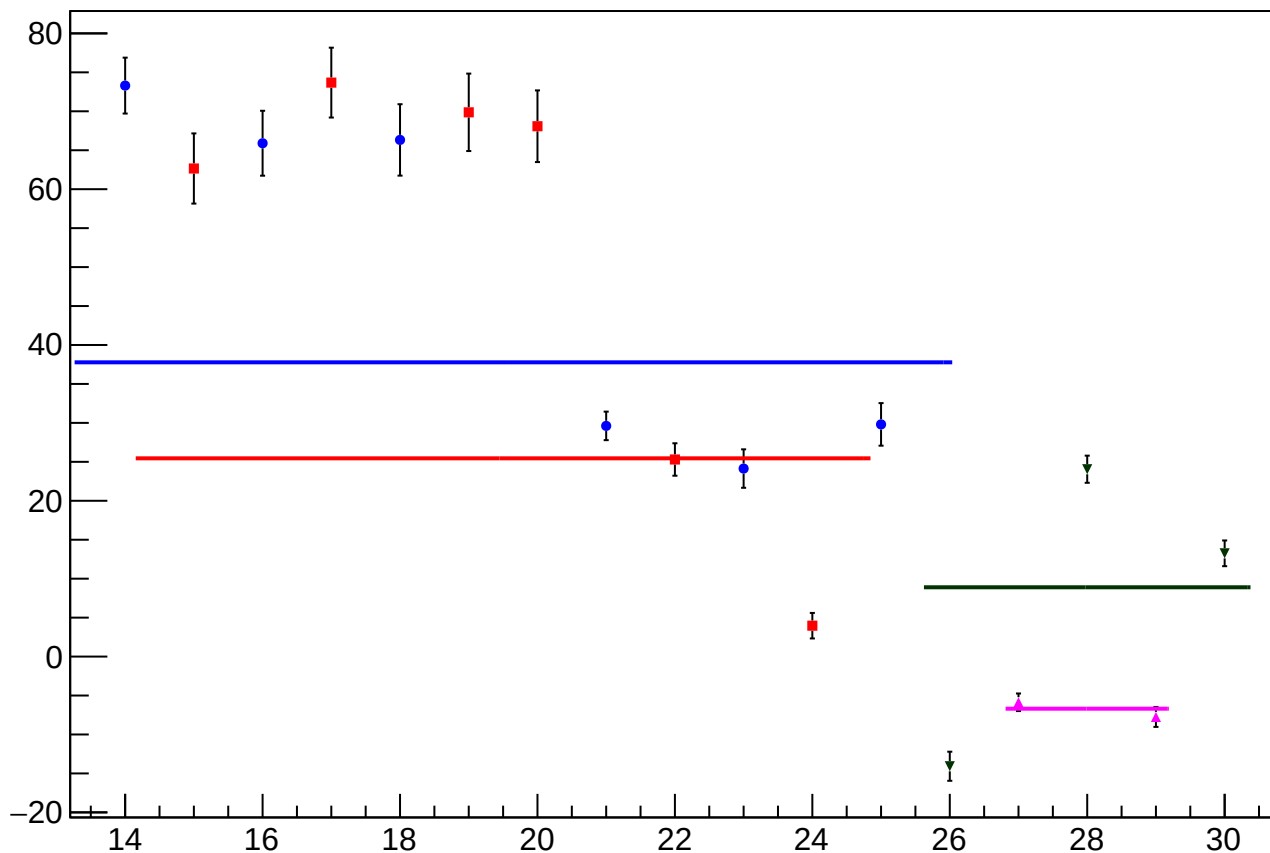
Right Out: -4.017 $\pm$ 1.477 χ^2 /NDF: 395.7/5

Left In: 21.593 $\pm$ 1.251 χ^2 /NDF:56.7/1

16.318 $\pm$ 0.986 χ^2 /NDF: 923.1/8

10.897 $\pm$ 0.955 χ^2 /NDF: 627.5/7

reg_asym_sam7_diff_bpm4aY_slope vs slug



Right In: 37.774 $\pm$ 1.133 χ^2 /NDF: 241.2/5

Left Out: 8.895 $\pm$ 1.009 χ^2 /NDF:233.9/2

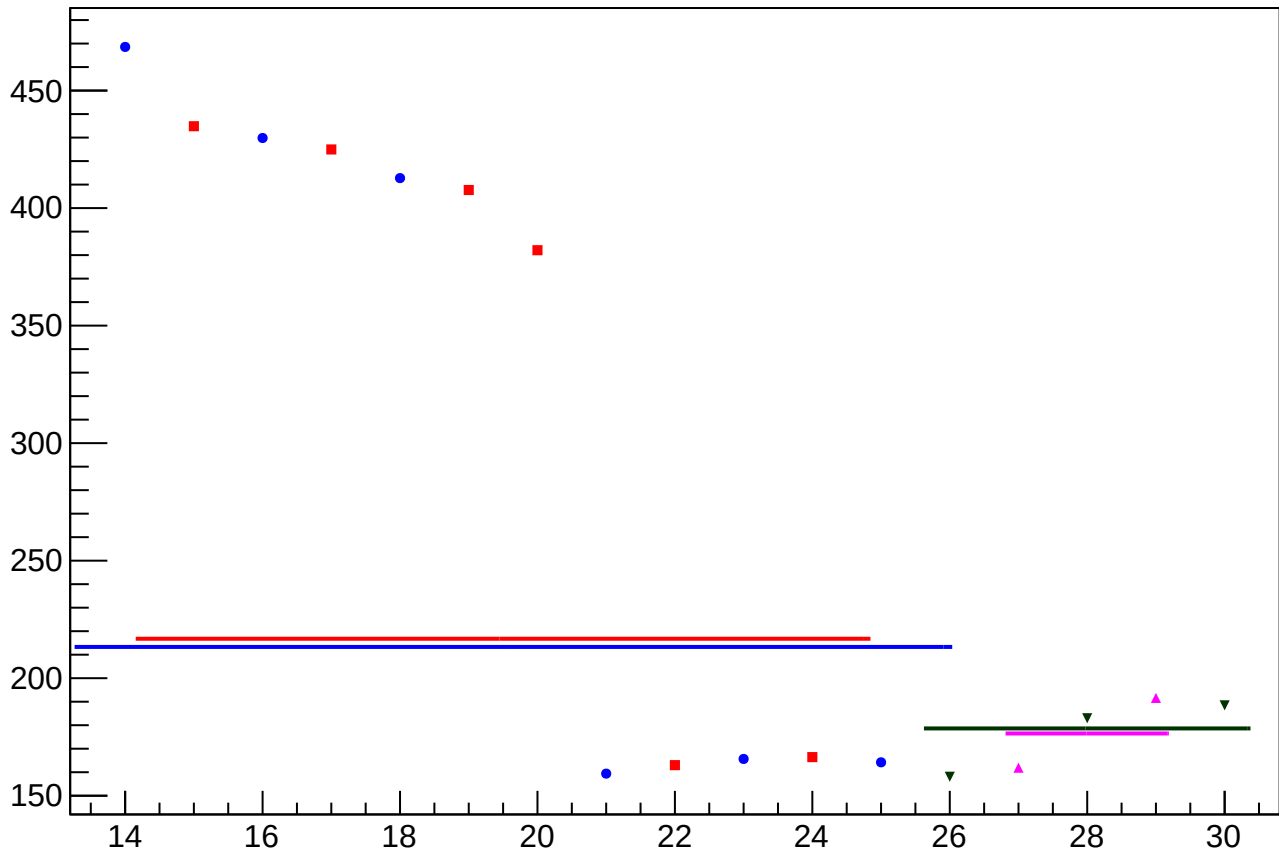
Right Out: 25.449 $\pm$ 1.125 χ^2 /NDF: 521.7/5

Left In: -6.690 $\pm$ 0.846 χ^2 /NDF:1.2/1

21.667 $\pm$ 0.753 χ^2 /NDF: 837.5/8

4.919 $\pm$ 0.676 χ^2 /NDF: 1044.3/7

reg_asym_sam7_diff_bpm4eX_slope vs slug



Right In: 213.302+/-0.260 χ^2/NDF : 173727.3/5

Left Out: 178.628+/-0.231 χ^2/NDF : 2958.6/2

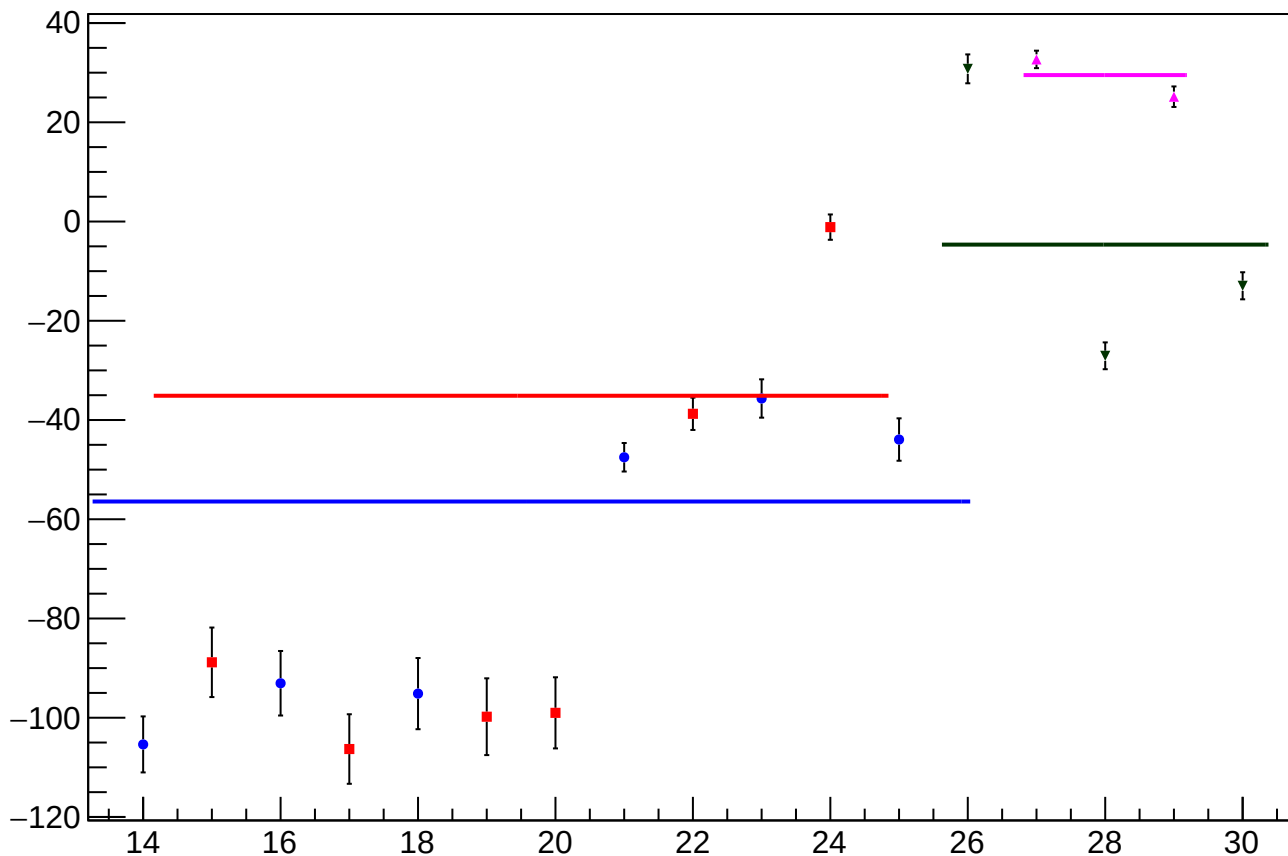
193.956+/-0.173 χ^2/NDF : 186639.5/8

Right Out: 216.788+/-0.275 χ^2/NDF : 137714.4/5

193.388+/-0.178 χ^2/NDF : 154265.8/7

Left In: 176.487+/-0.233 χ^2/NDF : 4043.9/1

reg_asym_sam7_diff_bpm4eY_slope vs slug



Right In: -56.424±1.775 χ^2/NDF : 183.1/5

Left Out: -4.650±1.603 χ^2/NDF : 226.1/2

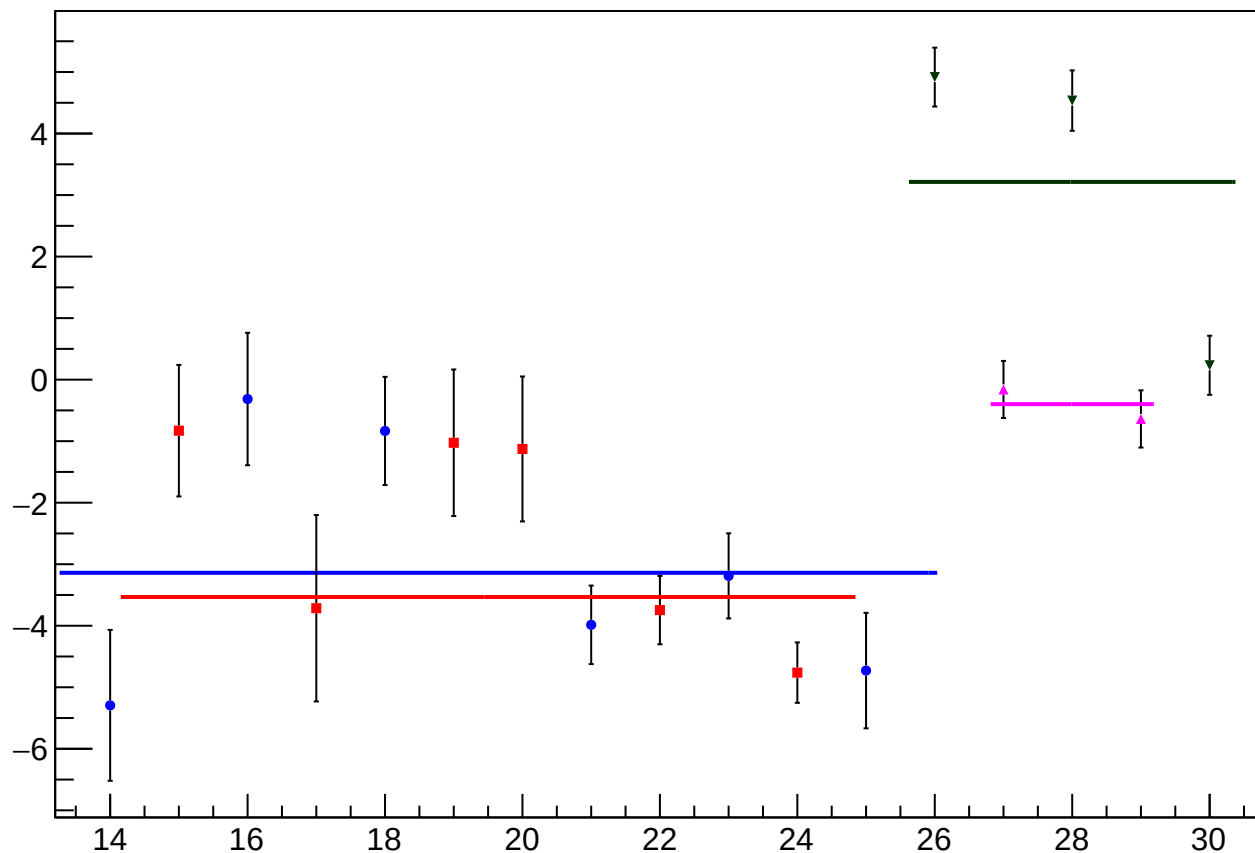
Right Out: -35.110±1.755 χ^2/NDF : 489.8/5

Left In: 29.516±1.340 χ^2/NDF : 7.7/1

-27.904±1.190 χ^2/NDF : 877.9/8

5.704±1.065 χ^2/NDF : 1354.0/7

reg_asym_sam7_diff_bpm11X_slope vs slug



Right In: -3.139 ± 0.343 $\chi^2/\text{NDF}: 21.5/5$

Left Out: 3.214 ± 0.279 $\chi^2/\text{NDF}: 58.5/2$

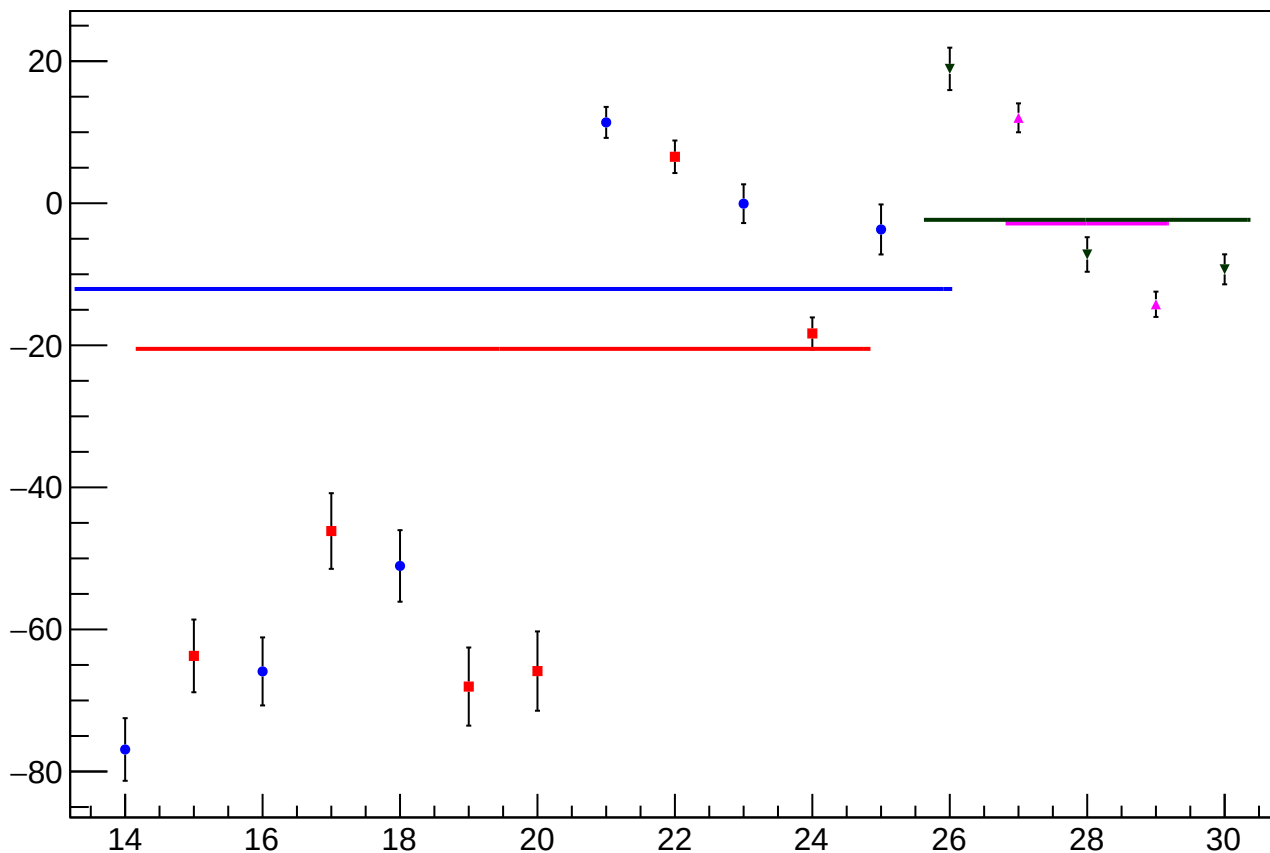
Right Out: -3.533 ± 0.314 $\chi^2/\text{NDF}: 21.4/5$

Left In: -0.399 ± 0.328 $\chi^2/\text{NDF}: 0.5/1$

0.685 ± 0.216 $\chi^2/\text{NDF}: 286.5/8$

-2.035 ± 0.227 $\chi^2/\text{NDF}: 69.5/7$

reg_asym_sam8_diff_bpm4aX_slope vs slug



Right In: -12.069+/-1.337 χ^2/NDF : 543.2/5

Left Out: -2.334+/-1.407 χ^2/NDF : 65.6/2

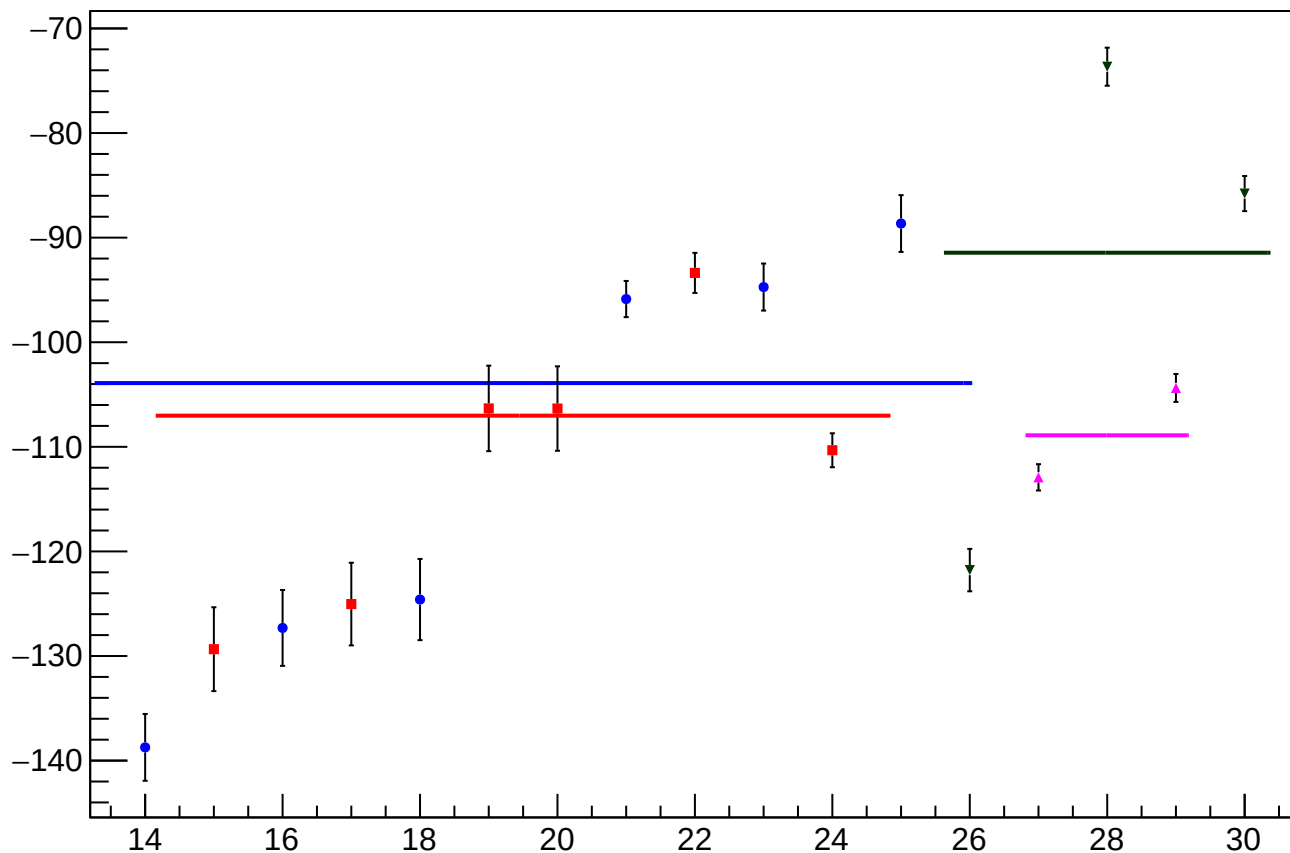
Right Out: -20.499+/-1.380 χ^2/NDF : 375.5/5

Left In: -2.848+/-1.340 χ^2/NDF : 94.2/1

-7.451+/-0.969 χ^2/NDF : 633.9/8

-11.415+/-0.961 χ^2/NDF : 554.0/7

reg_asym_sam8_diff_bpm4aY_slope vs slug



Right In: -103.905 $\pm$ 1.050 χ^2 /NDF: 258.7/5

Left Out: -91.442 $\pm$ 1.054 χ^2 /NDF:331.0/2

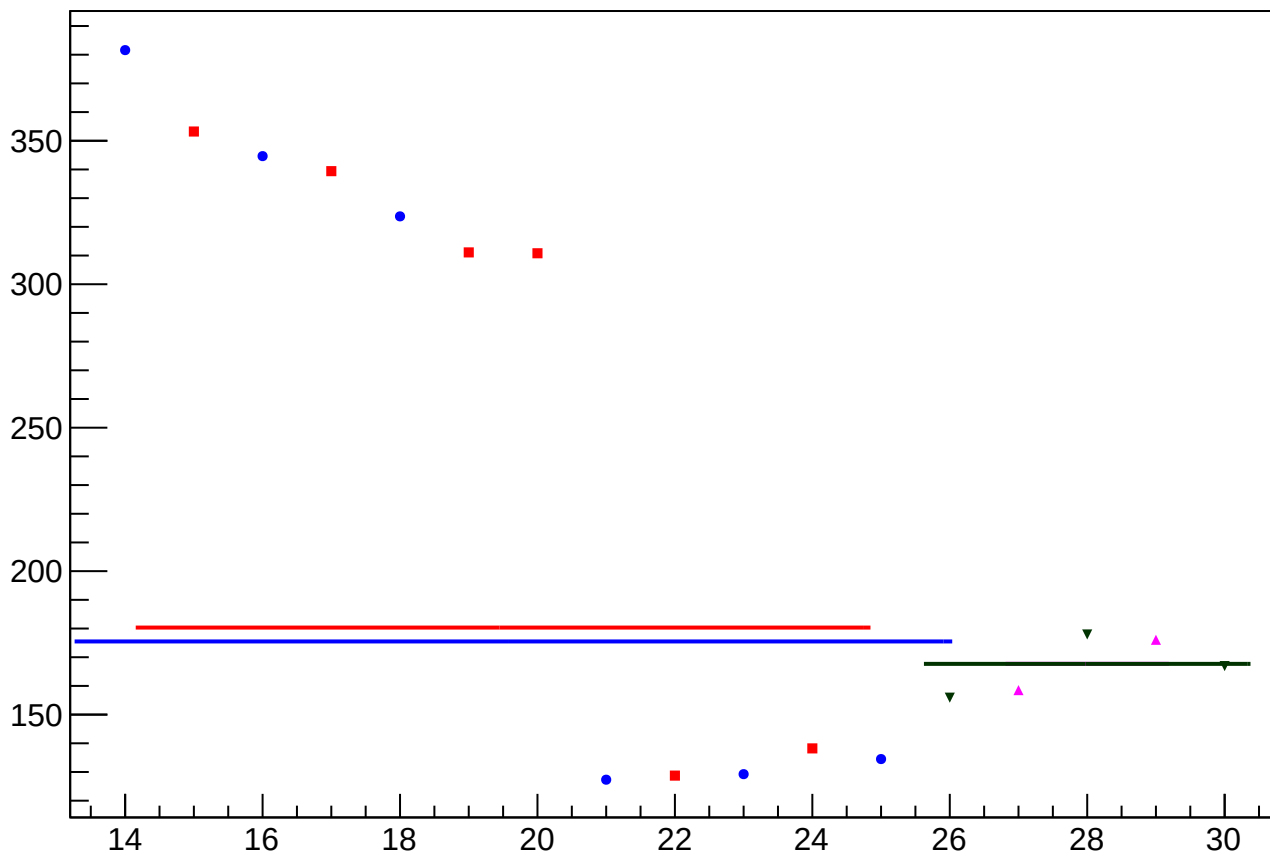
Right Out: -107.022 $\pm$ 1.054 χ^2 /NDF: 106.7/5

Left In: -108.899 $\pm$ 0.916 χ^2 /NDF:21.7/1

-97.698 $\pm$ 0.744 χ^2 /NDF: 659.9/8

-108.092 $\pm$ 0.691 χ^2 /NDF: 130.2/7

reg_asym_sam8_diff_bpm4eX_slope vs slug



Right In: 175.499+/-0.241 χ^2/NDF : 144027.4/5

Left Out: 167.684+/-0.240 χ^2/NDF :1175.4/2

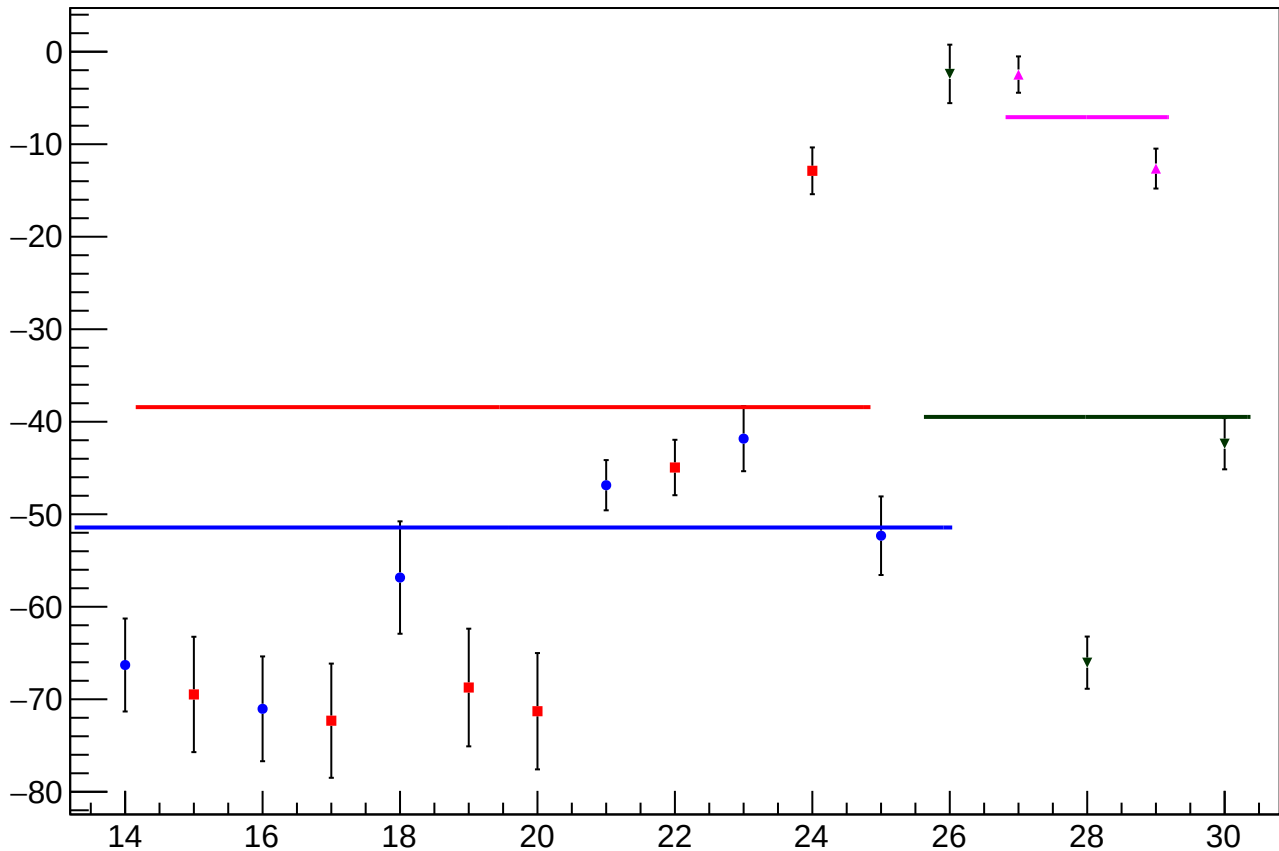
Right Out: 180.336+/-0.256 χ^2/NDF : 109755.6/5

Left In: 167.694+/-0.250 χ^2/NDF :1225.1/1

171.589+/-0.170 χ^2/NDF : 145730.6/8

173.874+/-0.179 χ^2/NDF : 112226.8/7

reg_asym_sam8_diff_bpm4eY_slope vs slug



Right In: -51.431 ± 1.645 χ^2/NDF : 31.8/5

Left Out: -39.478 ± 1.676 χ^2/NDF : 227.4/2

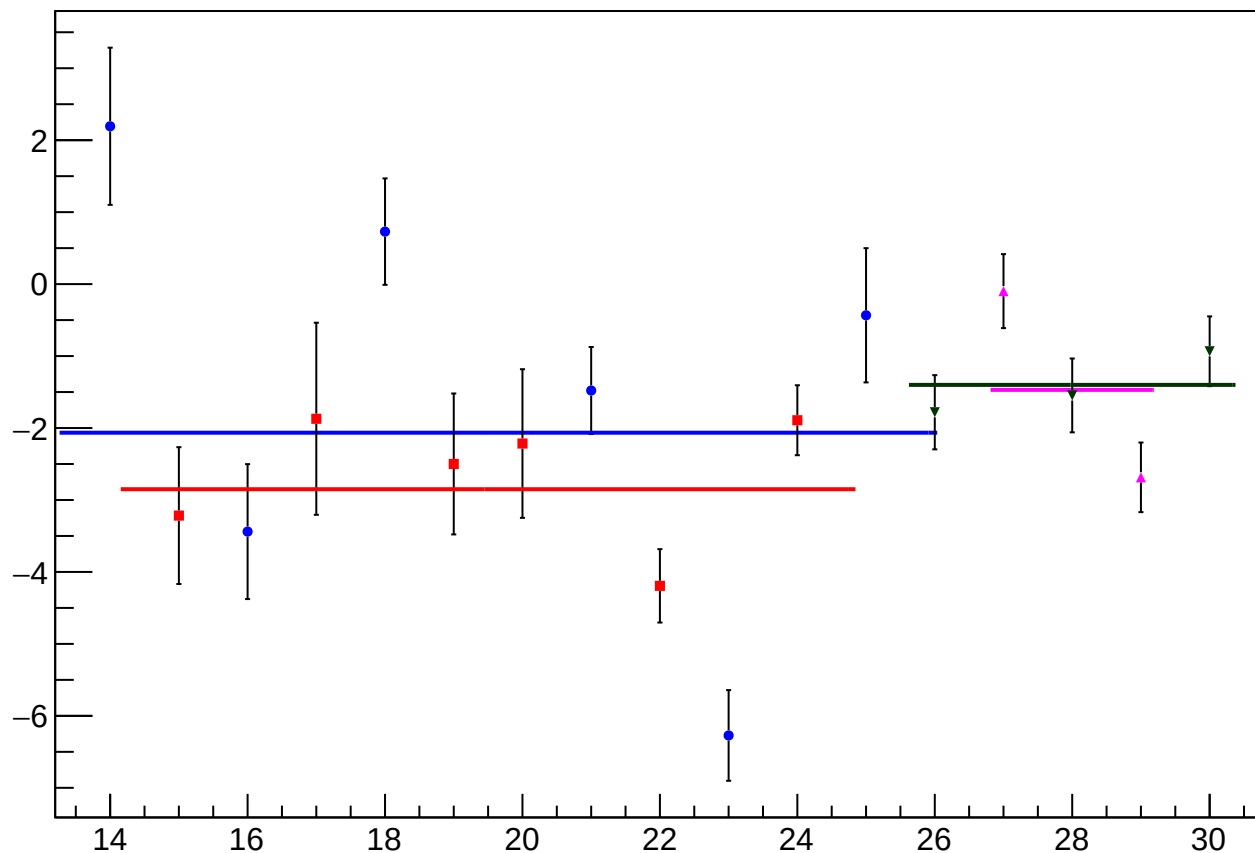
Right Out: -38.421 ± 1.644 χ^2/NDF : 211.9/5

Left In: -7.076 ± 1.452 χ^2/NDF : 12.1/1

-45.567 ± 1.174 χ^2/NDF : 285.2/8

-20.813 ± 1.088 χ^2/NDF : 428.2/7

reg_asym_sam8_diff_bpm11X_slope vs slug



Right In: -2.065 ± 0.313 χ^2/NDF : 80.2/5

Left Out: -1.400 ± 0.291 χ^2/NDF : 1.6/2

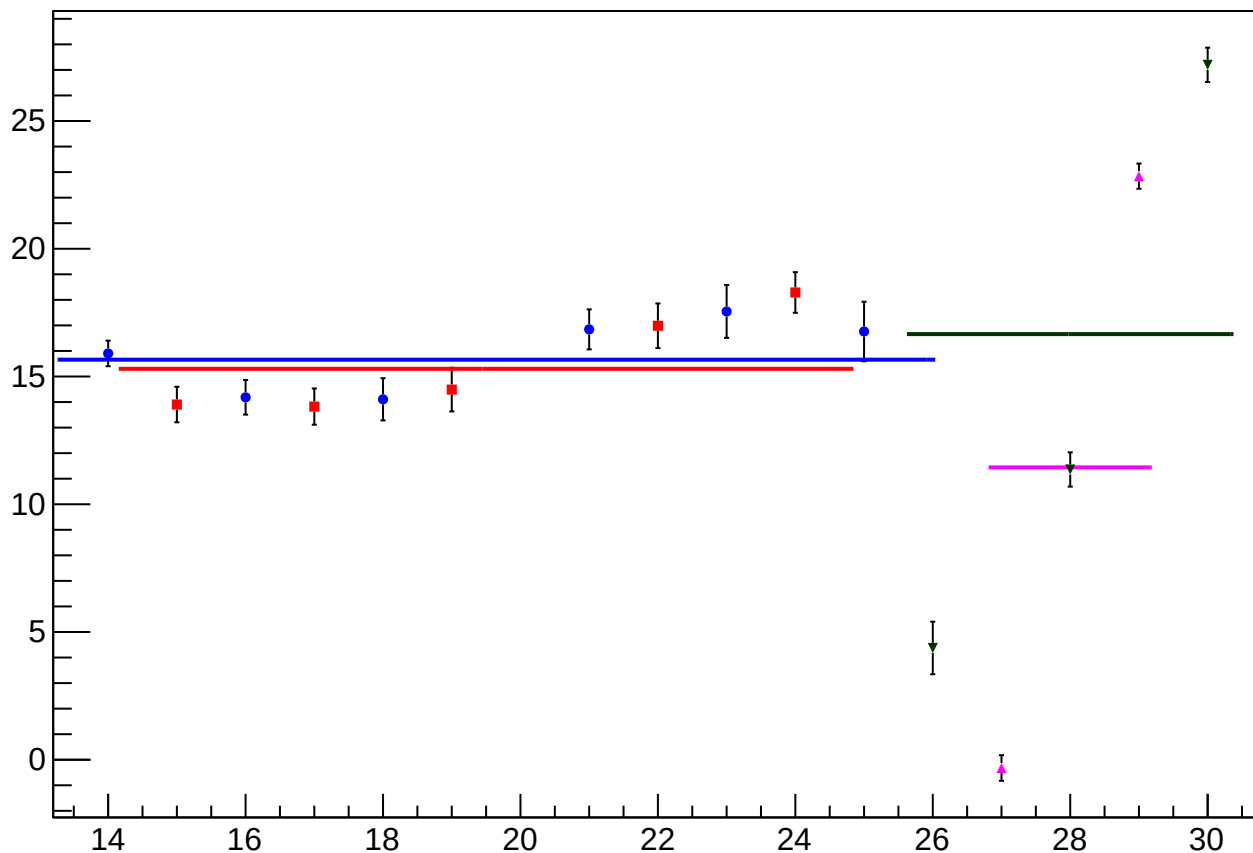
Right Out: -2.850 ± 0.292 χ^2/NDF : 12.0/5

Left In: -1.470 ± 0.352 χ^2/NDF : 13.4/1

-1.708 ± 0.213 χ^2/NDF : 84.2/8

-2.288 ± 0.225 χ^2/NDF : 34.5/7

reg_asym_usl_diff_bpm4aX_slope vs slug



Right In: 15.659 ± 0.302 χ^2/NDF : 15.0/5

Left Out: 16.660 ± 0.431 χ^2/NDF : 451.4/2

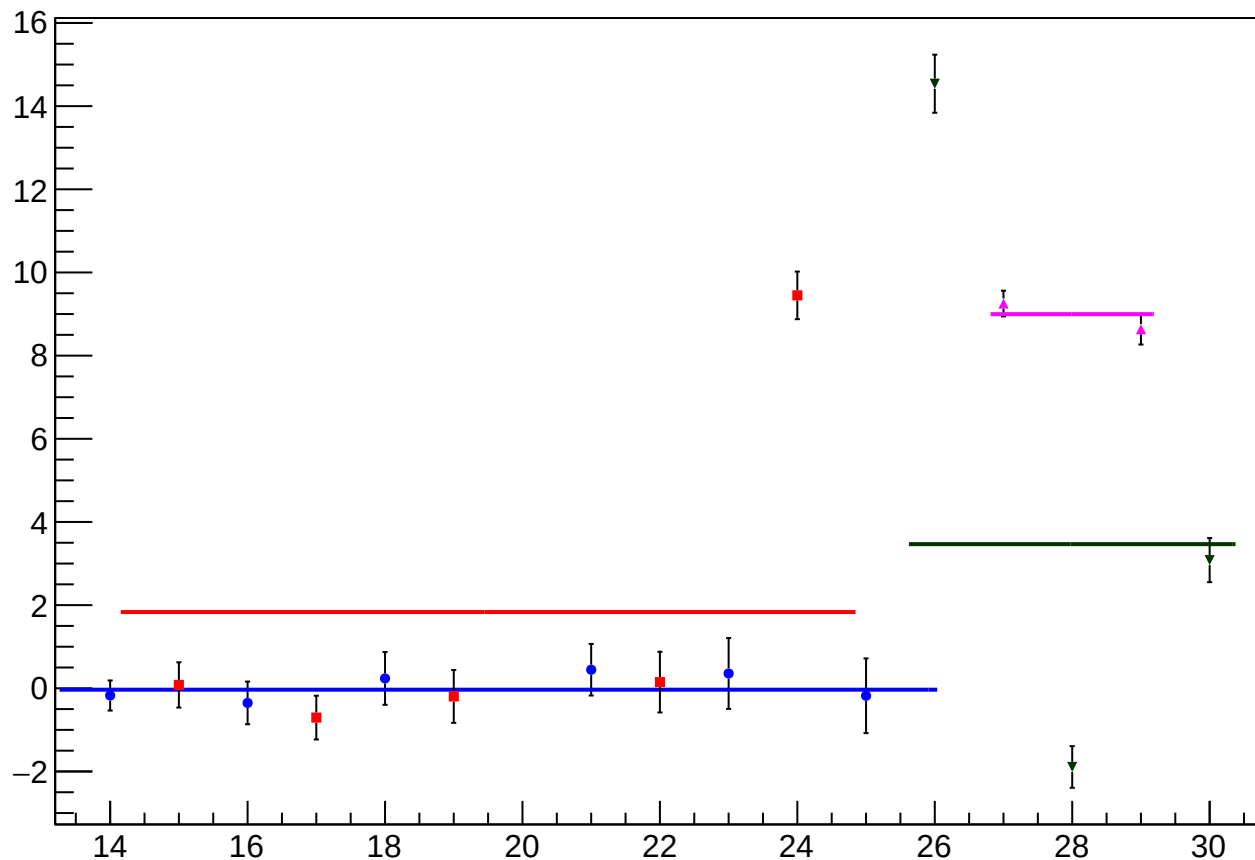
Right Out: 15.301 ± 0.347 χ^2/NDF : 27.1/4

Left In: 11.444 ± 0.351 χ^2/NDF : 1085.9/1

15.989 ± 0.247 χ^2/NDF : 470.0/8

13.398 ± 0.247 χ^2/NDF : 1174.0/6

reg_asym_usl_diff_bpm4aY_slope vs slug



Right In: -0.034 ± 0.229 χ^2/NDF : 1.6/5

Left Out: 3.467 ± 0.323 χ^2/NDF : 366.2/2

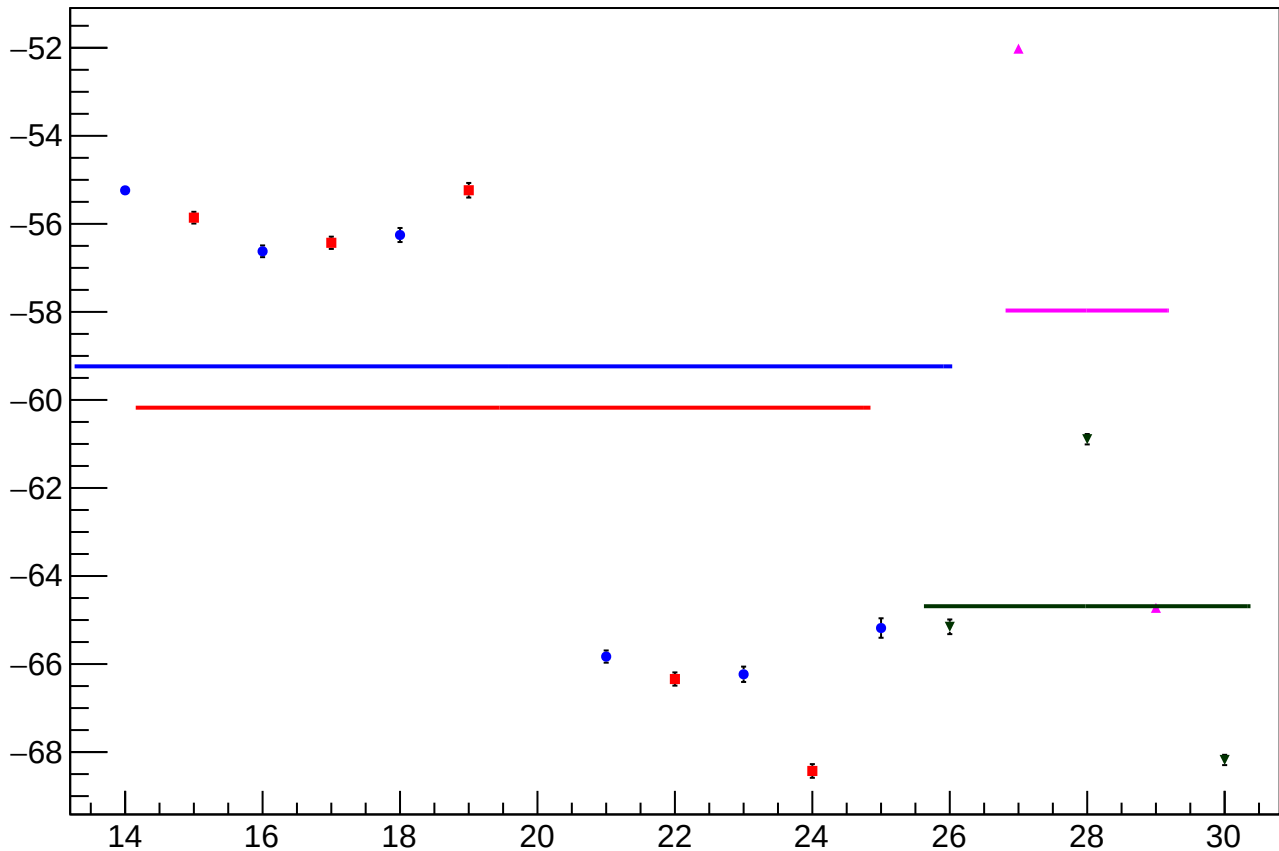
Right Out: 1.834 ± 0.264 χ^2/NDF : 226.4/4

Left In: 8.998 ± 0.237 χ^2/NDF : 1.7/1

1.135 ± 0.187 χ^2/NDF : 446.0/8

5.800 ± 0.176 χ^2/NDF : 637.2/6

reg_asym_usl_diff_bpm4eX_slope vs slug



Right In: -59.237 $\pm$ 0.057 χ^2/NDF : 7049.7/5

Left Out: -64.686 $\pm$ 0.074 χ^2/NDF : 1935.6/2

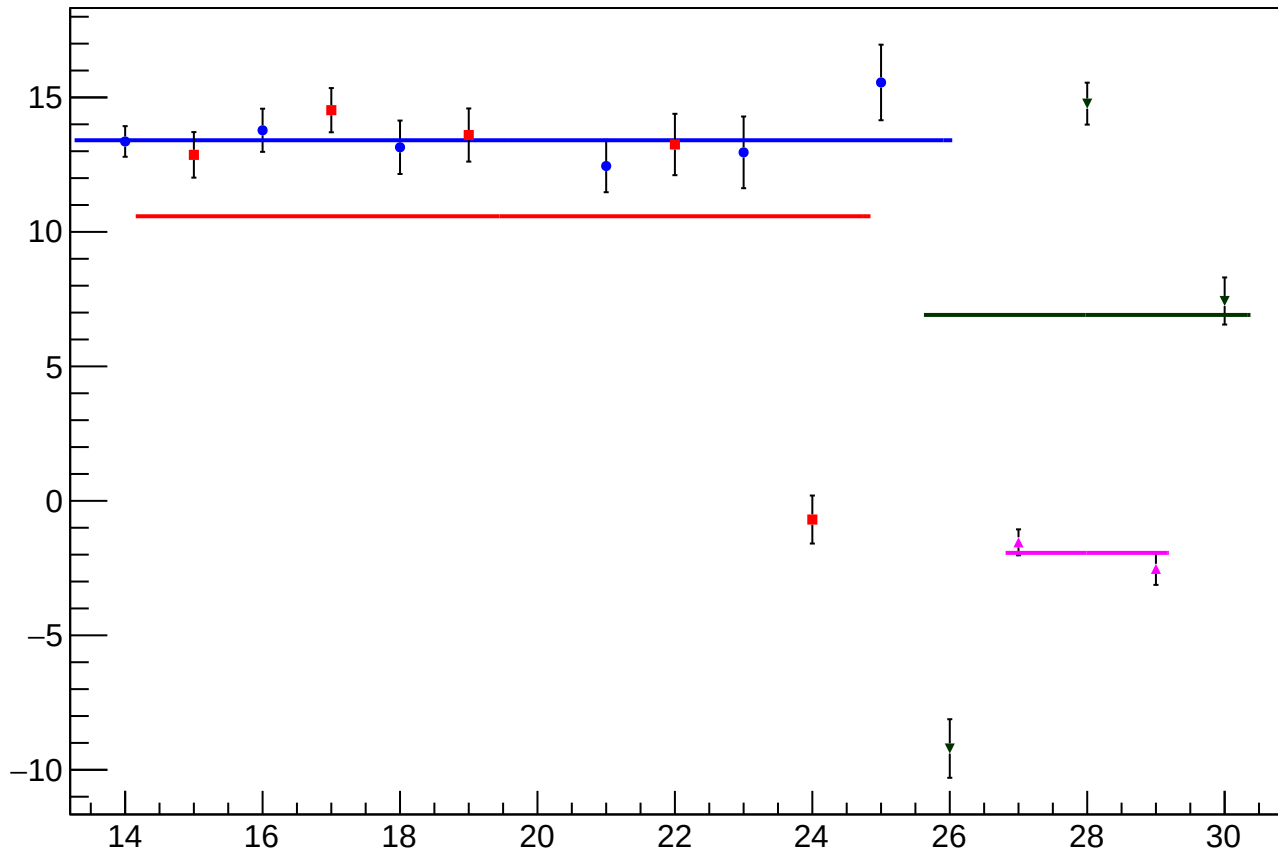
Right Out: -60.176 $\pm$ 0.066 χ^2/NDF : 7173.2/4

Left In: -57.969 $\pm$ 0.066 χ^2/NDF : 9329.2/1

-61.253 $\pm$ 0.045 χ^2/NDF : 12374.8/8

-59.067 $\pm$ 0.047 χ^2/NDF : 17065.4/6

reg_asym_usl_diff_bpm4eY_slope vs slug



Right In: 13.408 $\pm$ 0.359 χ^2 /NDF: 3.7/5

Left Out: 6.913 $\pm$ 0.514 χ^2 /NDF: 320.9/2

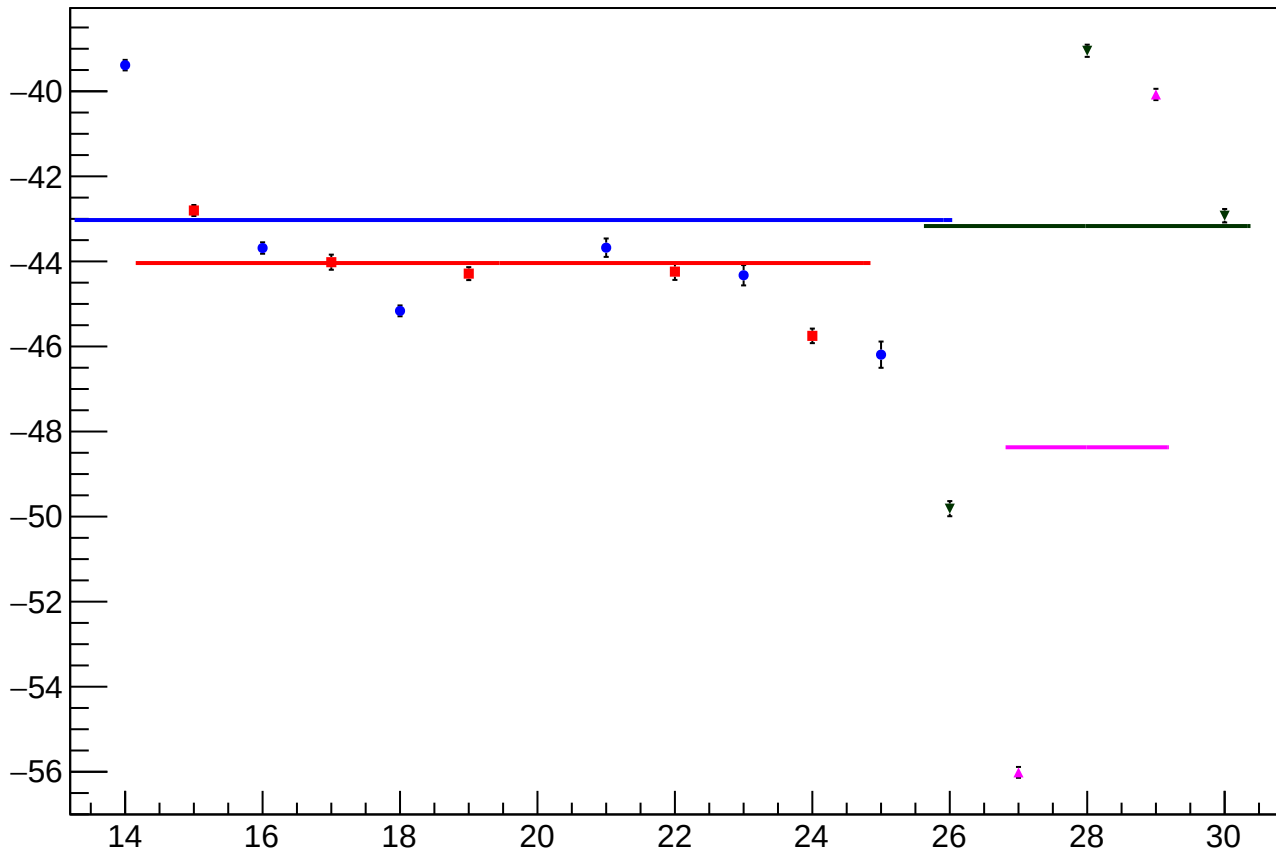
Right Out: 10.581 $\pm$ 0.411 χ^2 /NDF: 204.8/4

Left In: -1.934 $\pm$ 0.375 χ^2 /NDF: 1.7/1

11.279 $\pm$ 0.294 χ^2 /NDF: 432.1/8

3.750 $\pm$ 0.277 χ^2 /NDF: 712.8/6

reg_asym_usl_diff_bpm11X_slope vs slug



Right In: -43.027 ± 0.066 χ^2/NDF : 1310.8/5

Left Out: -43.168 ± 0.091 χ^2/NDF : 2220.8/2

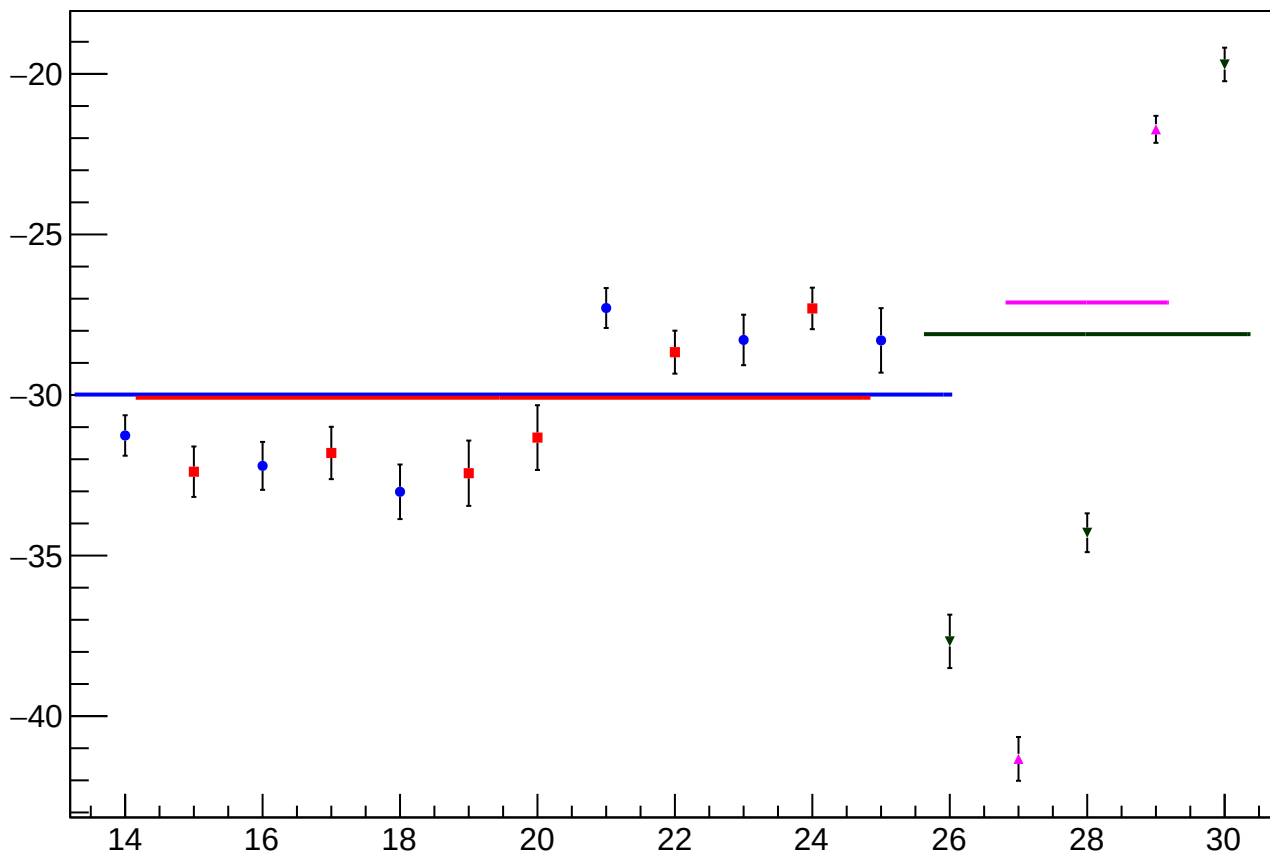
Right Out: -44.038 ± 0.072 χ^2/NDF : 195.2/4

Left In: -48.370 ± 0.092 χ^2/NDF : 7482.5/1

-43.076 ± 0.053 χ^2/NDF : 3533.2/8

-45.671 ± 0.057 χ^2/NDF : 9057.5/6

reg_asym_usr_diff_bpm4aX_slope vs slug



Right In: -29.986 ± 0.303 χ^2/NDF : 51.9/5

Left Out: -28.104 ± 0.357 χ^2/NDF : 495.6/2

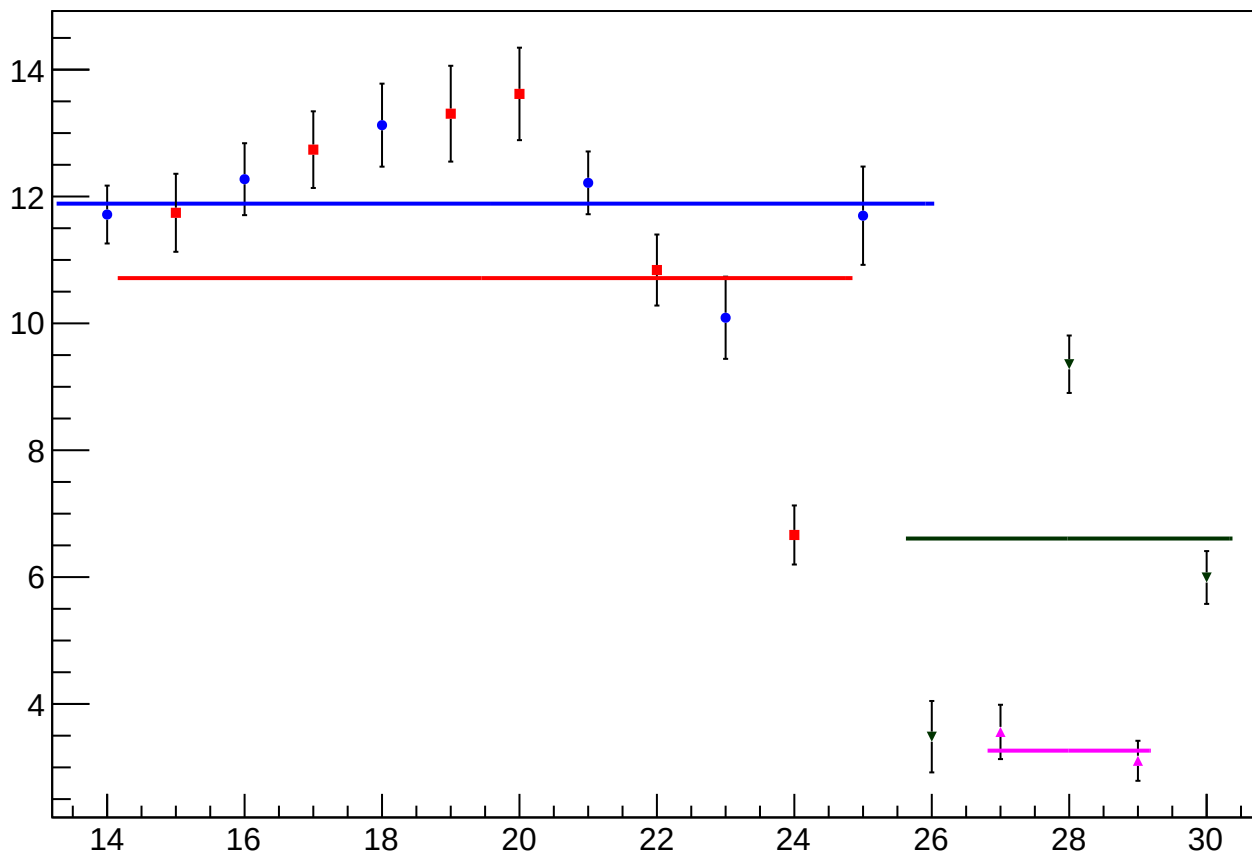
Right Out: -30.084 ± 0.321 χ^2/NDF : 43.0/5

Left In: -27.118 ± 0.358 χ^2/NDF : 598.4/1

-29.198 ± 0.231 χ^2/NDF : 563.7/8

-28.762 ± 0.239 χ^2/NDF : 679.4/7

reg_asym_usr_diff_bpm4aY_slope vs slug



Right In: 11.888 ± 0.233 $\chi^2/\text{NDF}: 12.4/5$

Left Out: 6.608 ± 0.269 $\chi^2/\text{NDF}: 69.8/2$

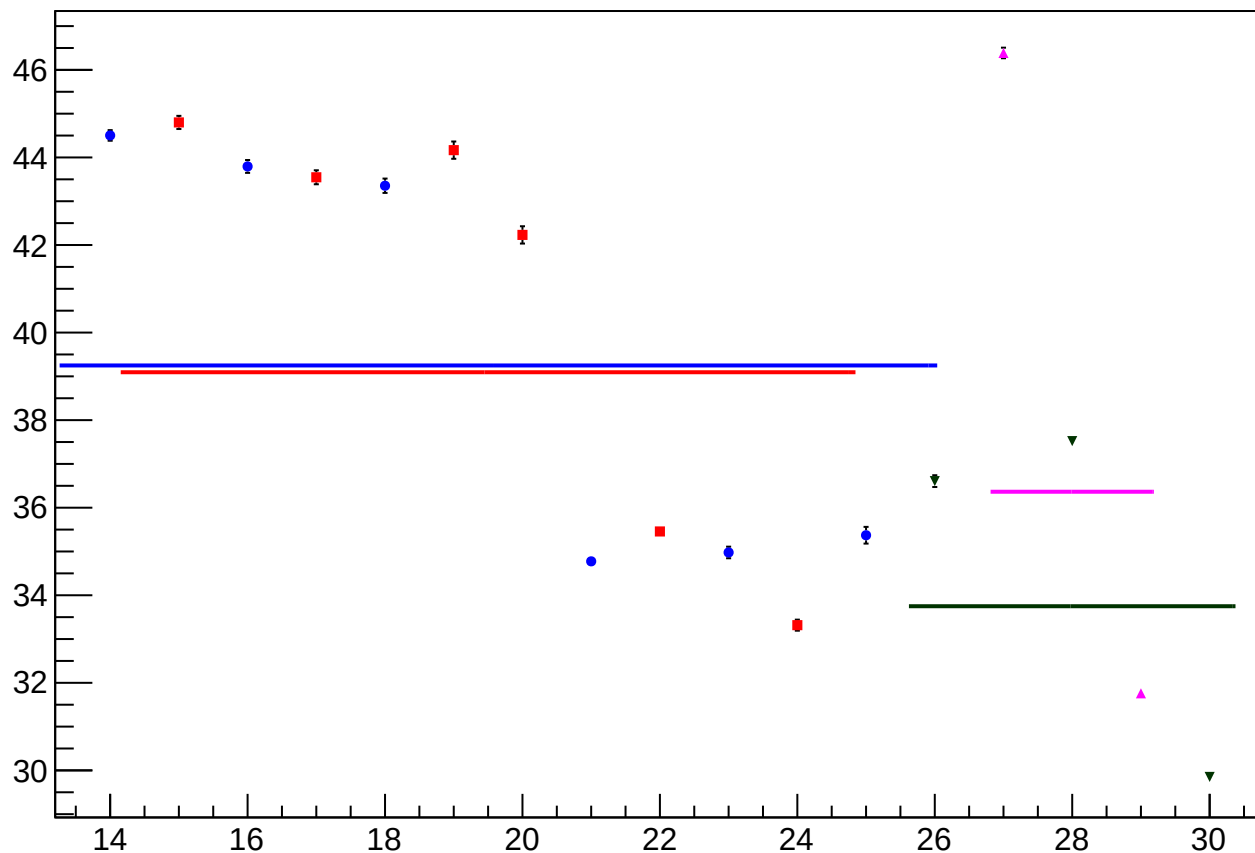
Right Out: 10.714 ± 0.244 $\chi^2/\text{NDF}: 117.4/5$

Left In: 3.264 ± 0.254 $\chi^2/\text{NDF}: 0.7/1$

9.624 ± 0.176 $\chi^2/\text{NDF}: 301.9/8$

7.140 ± 0.176 $\chi^2/\text{NDF}: 565.9/7$

reg_asym_usr_diff_bpm4eX_slope vs slug



Right In: 39.249 $\pm$ 0.056 χ^2 /NDF: 6576.1/5

Left Out: 33.750 $\pm$ 0.061 χ^2 /NDF: 3669.2/2

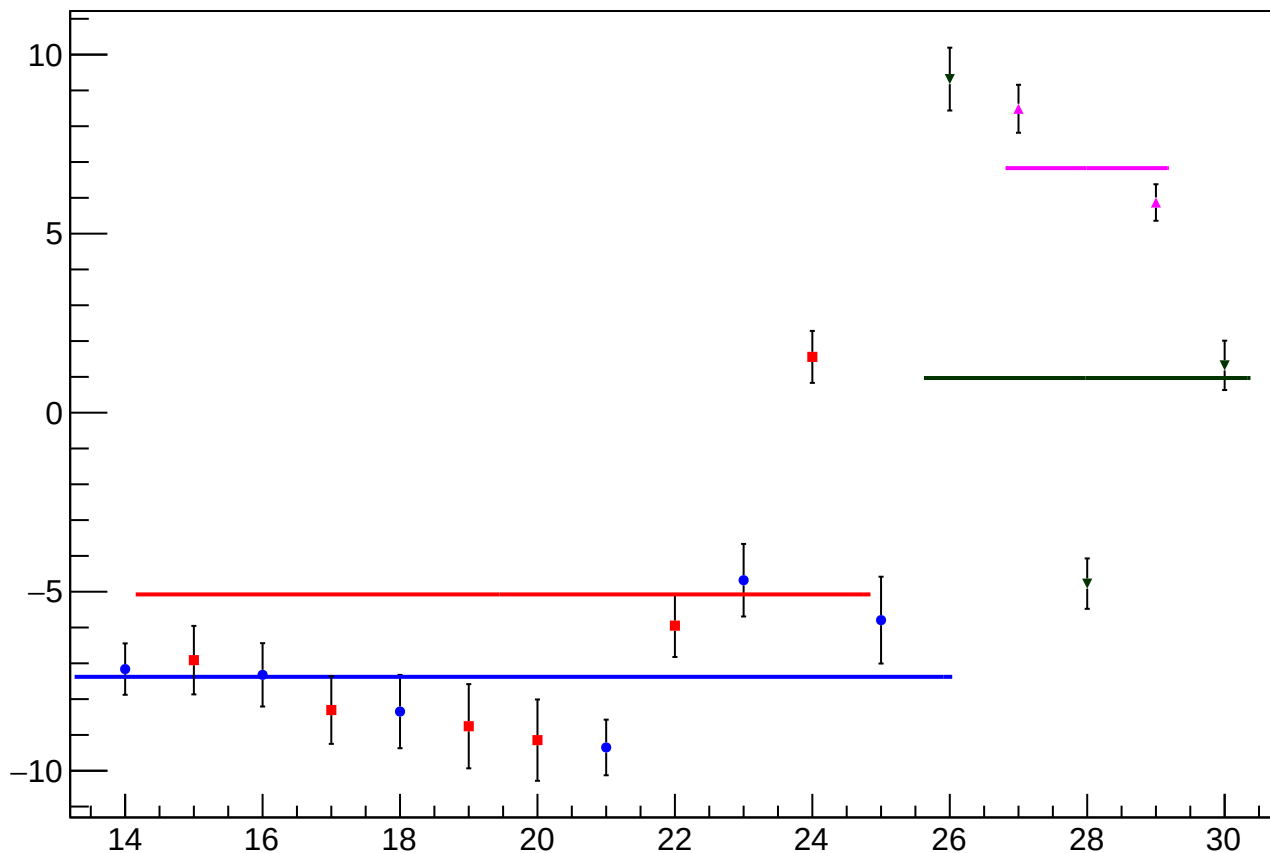
Right Out: 39.094 $\pm$ 0.061 χ^2 /NDF: 6226.2/5

Left In: 36.365 $\pm$ 0.068 χ^2 /NDF: 10064.1/1

36.714 $\pm$ 0.041 χ^2 /NDF: 14692.0/8

37.882 $\pm$ 0.045 χ^2 /NDF: 17193.8/7

reg_asym_usr_diff_bpm4eY_slope vs slug



Right In: -7.377+/-0.366 χ^2/NDF : 16.2/5

Left Out: 0.968+/-0.429 χ^2/NDF :157.2/2

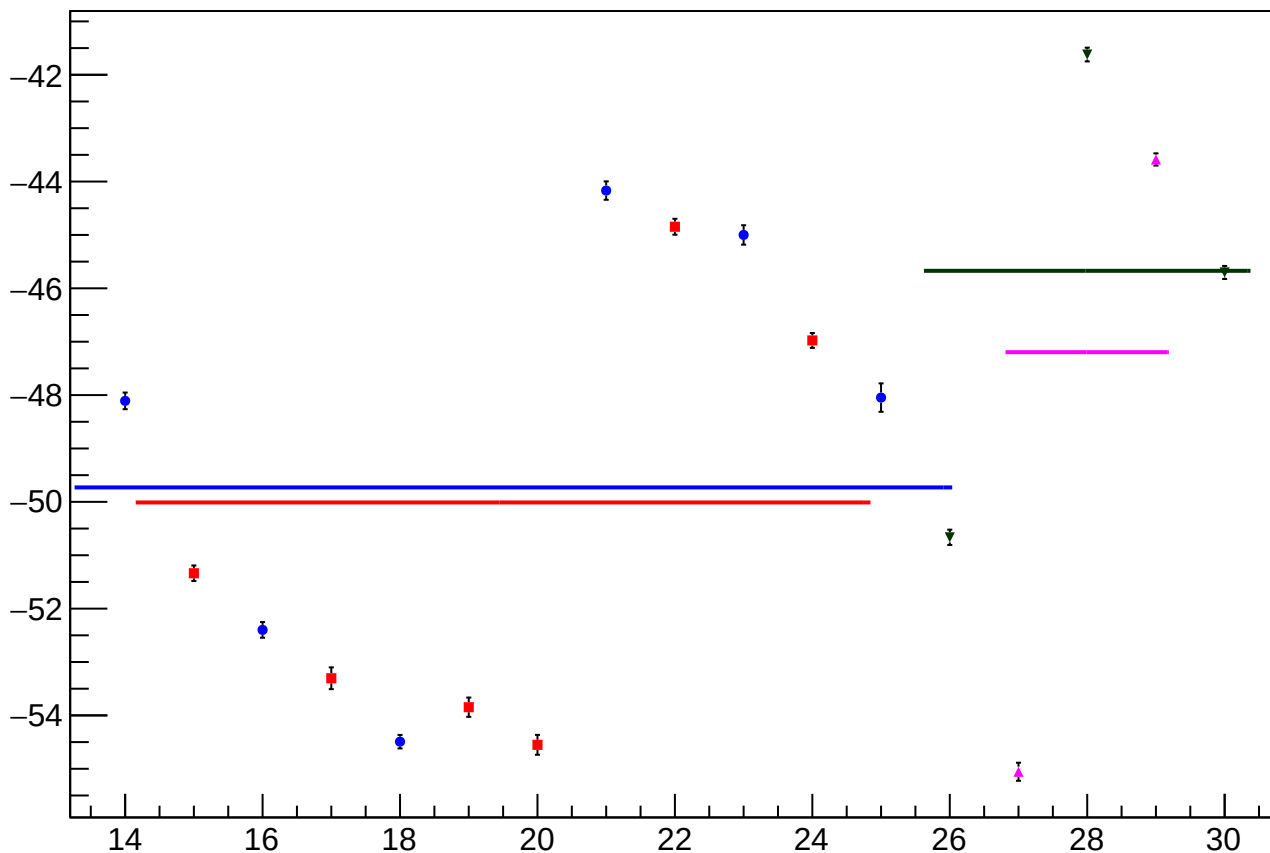
Right Out: -5.075+/-0.380 χ^2/NDF : 122.5/5

Left In: 6.830+/-0.406 χ^2/NDF :9.7/1

-3.872+/-0.278 χ^2/NDF : 392.4/8

0.492+/-0.277 χ^2/NDF : 590.6/7

reg_asym_usr_diff_bpm11X_slope vs slug



Right In: -49.730 ± 0.066 χ^2/NDF : 3607.6/5

Left Out: -45.672 ± 0.075 χ^2/NDF : 2191.9/2

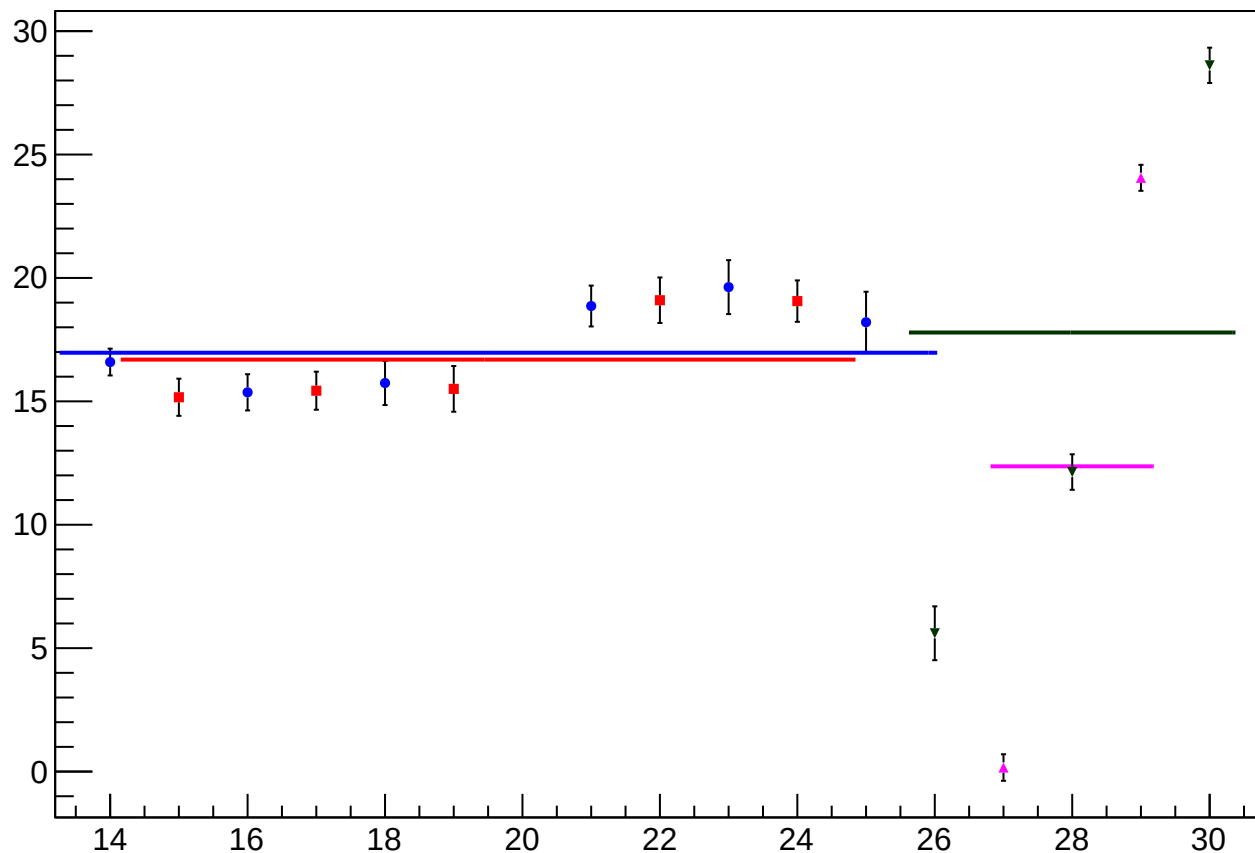
Right Out: -50.011 ± 0.066 χ^2/NDF : 3057.3/5

Left In: -47.196 ± 0.095 χ^2/NDF : 3143.4/1

-47.964 ± 0.050 χ^2/NDF : 7431.0/8

-49.087 ± 0.054 χ^2/NDF : 6790.4/7

reg_asym_dsl_diff_bpm4aX_slope vs slug



Right In: 16.970 $\pm$ 0.325 χ^2 /NDF: 19.3/5

Left Out: 17.789 $\pm$ 0.460 χ^2 /NDF: 415.5/2

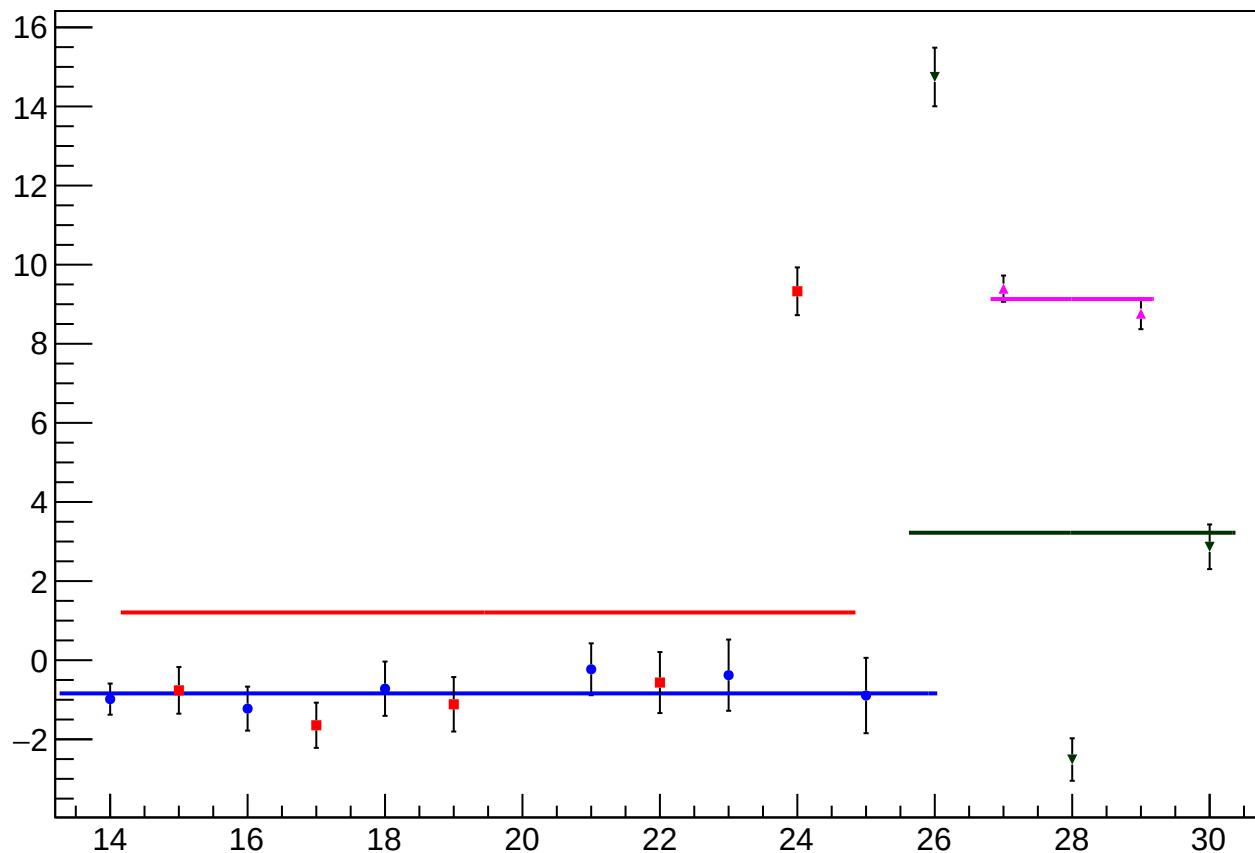
Right Out: 16.692 $\pm$ 0.373 χ^2 /NDF: 23.2/4

Left In: 12.367 $\pm$ 0.376 χ^2 /NDF: 1007.2/1

17.243 $\pm$ 0.266 χ^2 /NDF: 436.9/8

14.551 $\pm$ 0.265 χ^2 /NDF: 1097.1/6

reg_asym_dsl_diff_bpm4aY_slope vs slug



Right In: -0.839 ± 0.246 χ^2/NDF : 1.8/5

Left Out: 3.223 ± 0.345 χ^2/NDF : 356.1/2

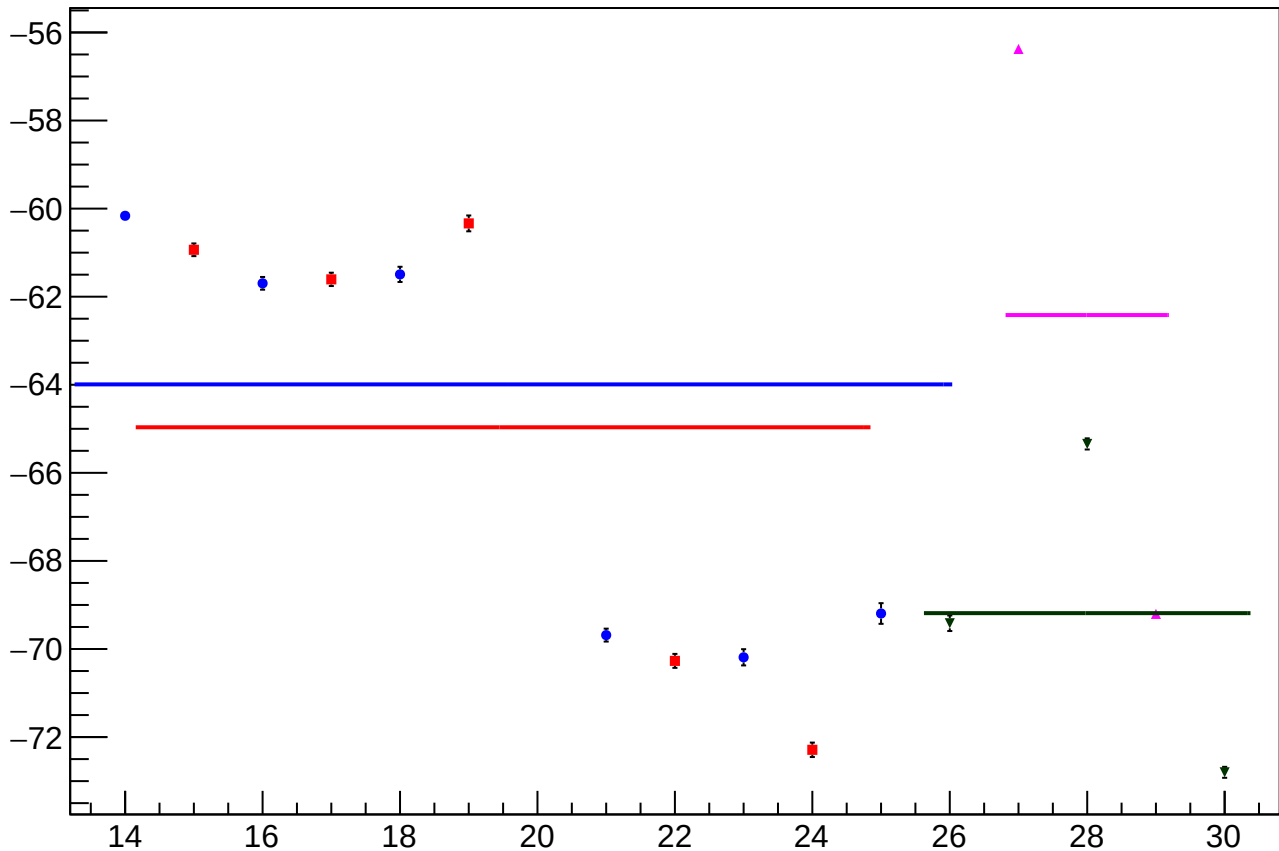
Right Out: 1.207 ± 0.283 χ^2/NDF : 233.4/4

Left In: 9.131 ± 0.254 χ^2/NDF : 1.5/1

0.535 ± 0.200 χ^2/NDF : 449.8/8

5.605 ± 0.189 χ^2/NDF : 669.4/6

reg_asym_dsl_diff_bpm4eX_slope vs slug



Right In: -63.991 $\pm$ 0.061 χ^2 /NDF: 4927.5/5

Left Out: -69.186 $\pm$ 0.079 χ^2 /NDF:1767.6/2

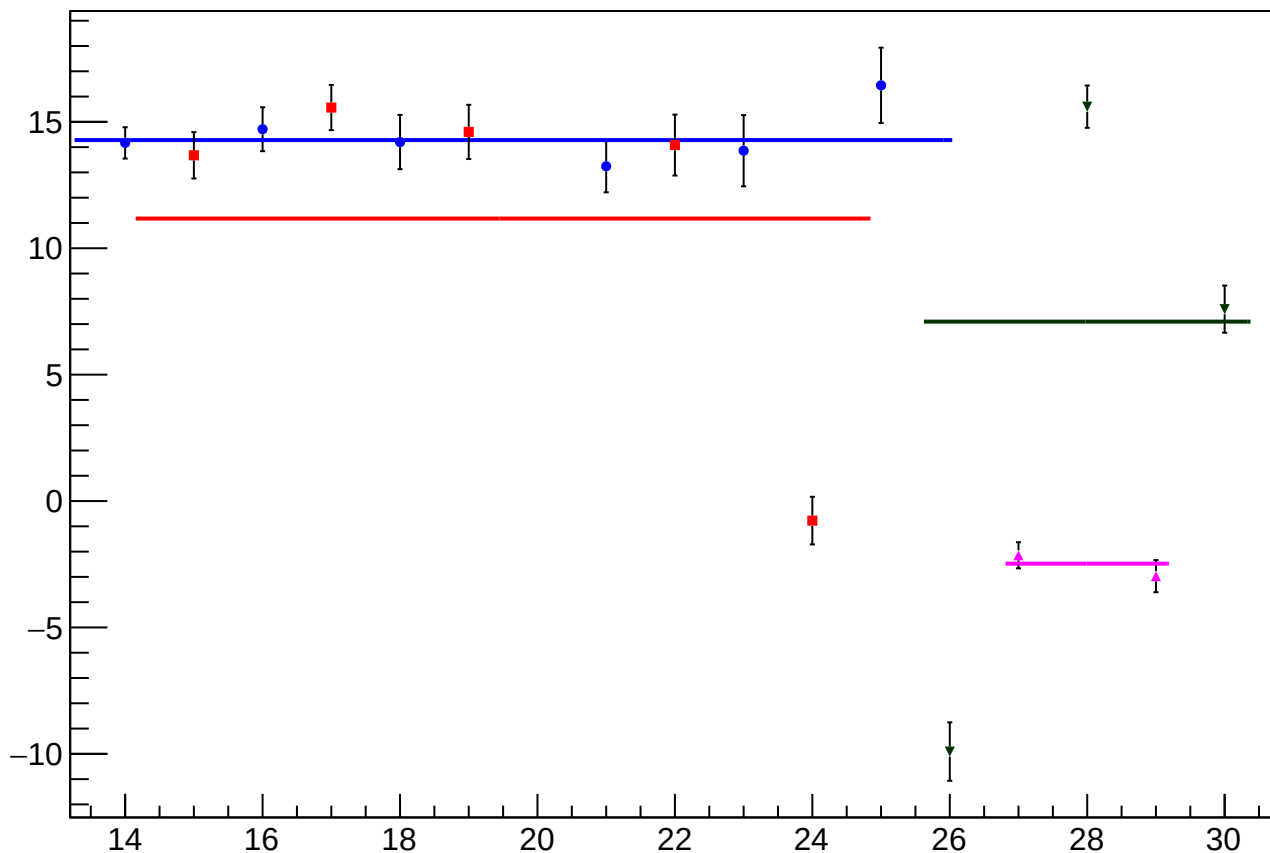
Right Out: -64.965 $\pm$ 0.071 χ^2 /NDF: 5049.9/4

Left In: -62.417 $\pm$ 0.070 χ^2 /NDF:8297.8/1

-65.932 $\pm$ 0.048 χ^2 /NDF: 9384.0/8

-63.682 $\pm$ 0.050 χ^2 /NDF: 14000.2/6

reg_asym_dsl_diff_bpm4eY_slope vs slug



Right In: 14.279 ± 0.386 $\chi^2/\text{NDF}: 3.5/5$

Left Out: 7.098 ± 0.548 $\chi^2/\text{NDF}: 320.4/2$

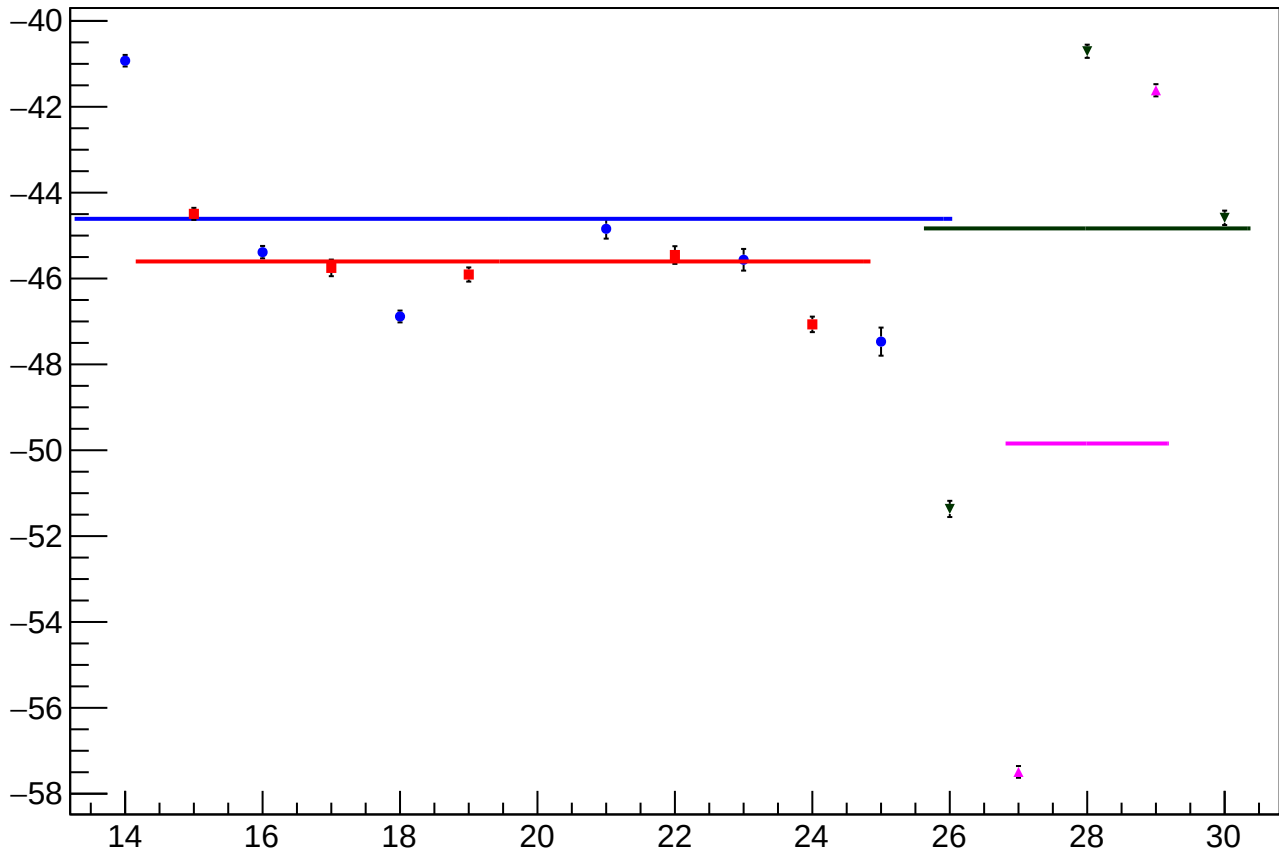
Right Out: 11.175 ± 0.442 $\chi^2/\text{NDF}: 208.5/4$

Left In: -2.475 ± 0.402 $\chi^2/\text{NDF}: 1.0/1$

11.895 ± 0.316 $\chi^2/\text{NDF}: 438.5/8$

3.704 ± 0.297 $\chi^2/\text{NDF}: 732.4/6$

reg_asym_dsl_diff_bpm11X_slope vs slug



Right In: -44.609 ± 0.071 χ^2/NDF : 1138.2/5

Left Out: -44.833 ± 0.097 χ^2/NDF : 1920.0/2

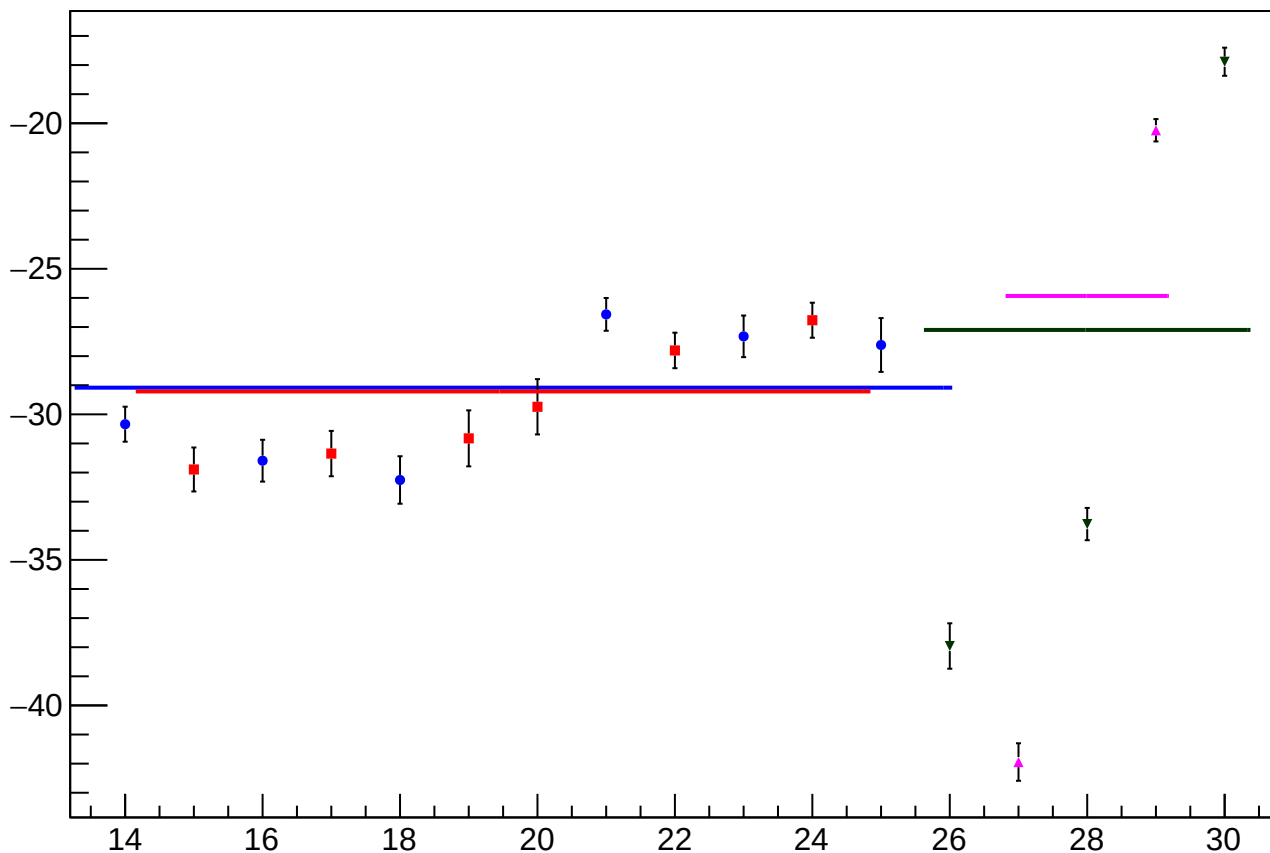
Right Out: -45.603 ± 0.077 χ^2/NDF : 133.0/4

Left In: -49.843 ± 0.099 χ^2/NDF : 6470.8/1

-44.687 ± 0.057 χ^2/NDF : 3061.6/8

-47.208 ± 0.061 χ^2/NDF : 7752.3/6

reg_asym_dsr_diff_bpm4aX_slope vs slug



Right In: -29.083±/-0.283 χ^2/NDF : 60.3/5

Left Out: -29.213±/-0.301 χ^2/NDF : 45.1/5

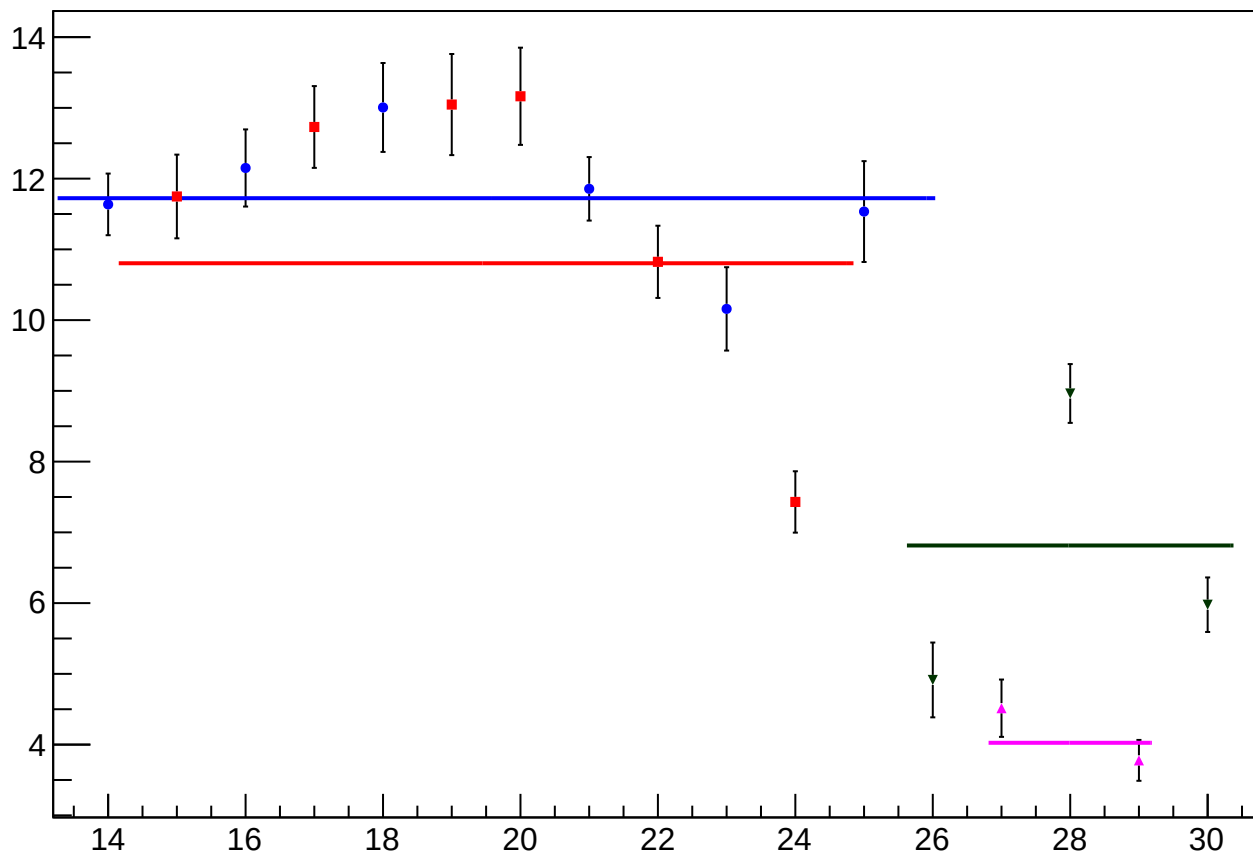
-28.243±/-0.215 χ^2/NDF : 783.0/8

-27.724±/-0.222 χ^2/NDF : 935.5/7

Right Out: -29.213±/-0.301 χ^2/NDF : 45.1/5

Left In: -25.932±/-0.330 χ^2/NDF : 836.5/1

reg_asym_dsr_diff_bpm4aY_slope vs slug



Right In: 11.723 $\pm$ 0.218 χ^2/NDF : 12.0/5

Left Out: 6.815 $\pm$ 0.249 χ^2/NDF : 44.4/2

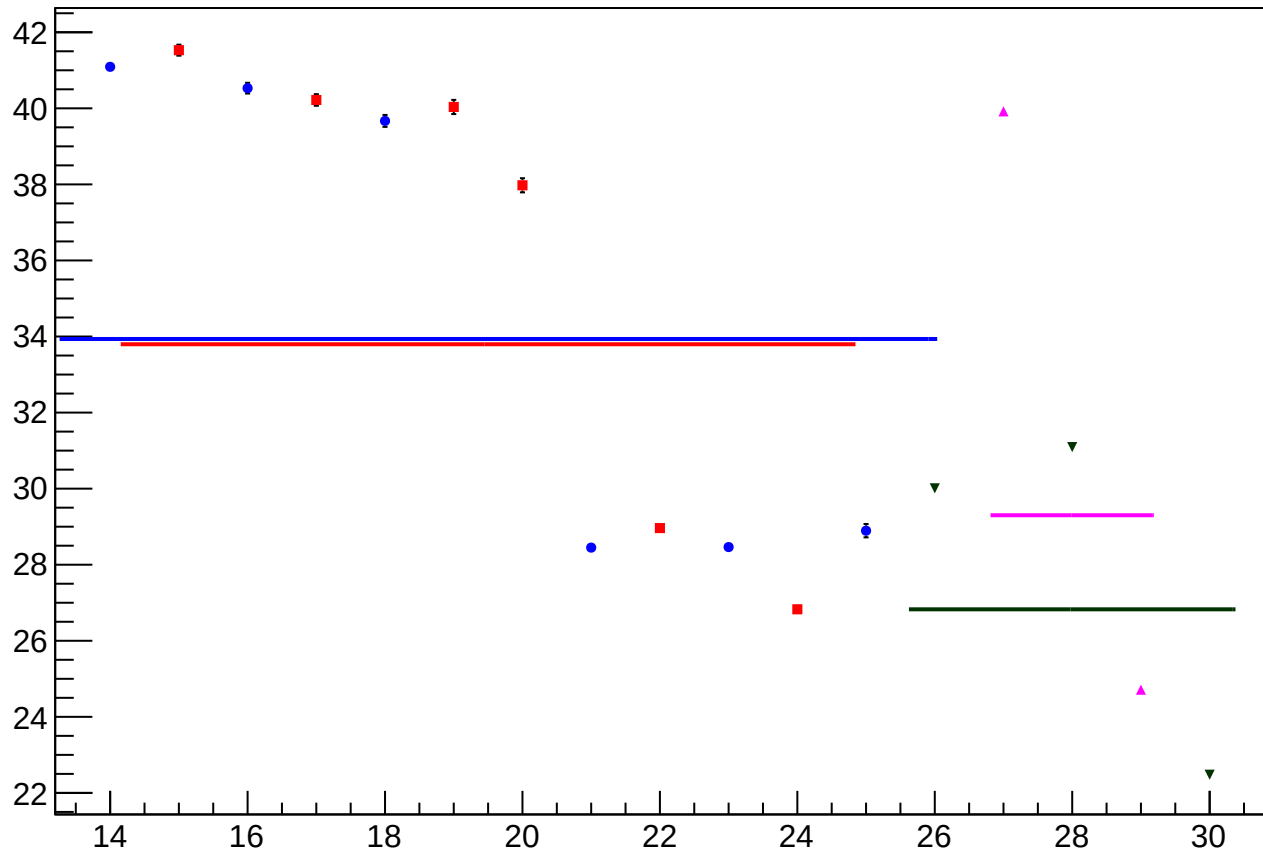
Right Out: 10.804 $\pm$ 0.229 χ^2/NDF : 95.8/5

Left In: 4.026 $\pm$ 0.235 χ^2/NDF : 2.2/1

9.592 $\pm$ 0.164 χ^2/NDF : 275.9/8

7.506 $\pm$ 0.164 χ^2/NDF : 524.6/7

reg_asym_dsr_diff_bpm4eX_slope vs slug



Right In: 33.935 $\pm$ 0.052 χ^2 /NDF: 13265.9/5

Left Out: 26.827 $\pm$ 0.056 χ^2 /NDF: 5441.3/2

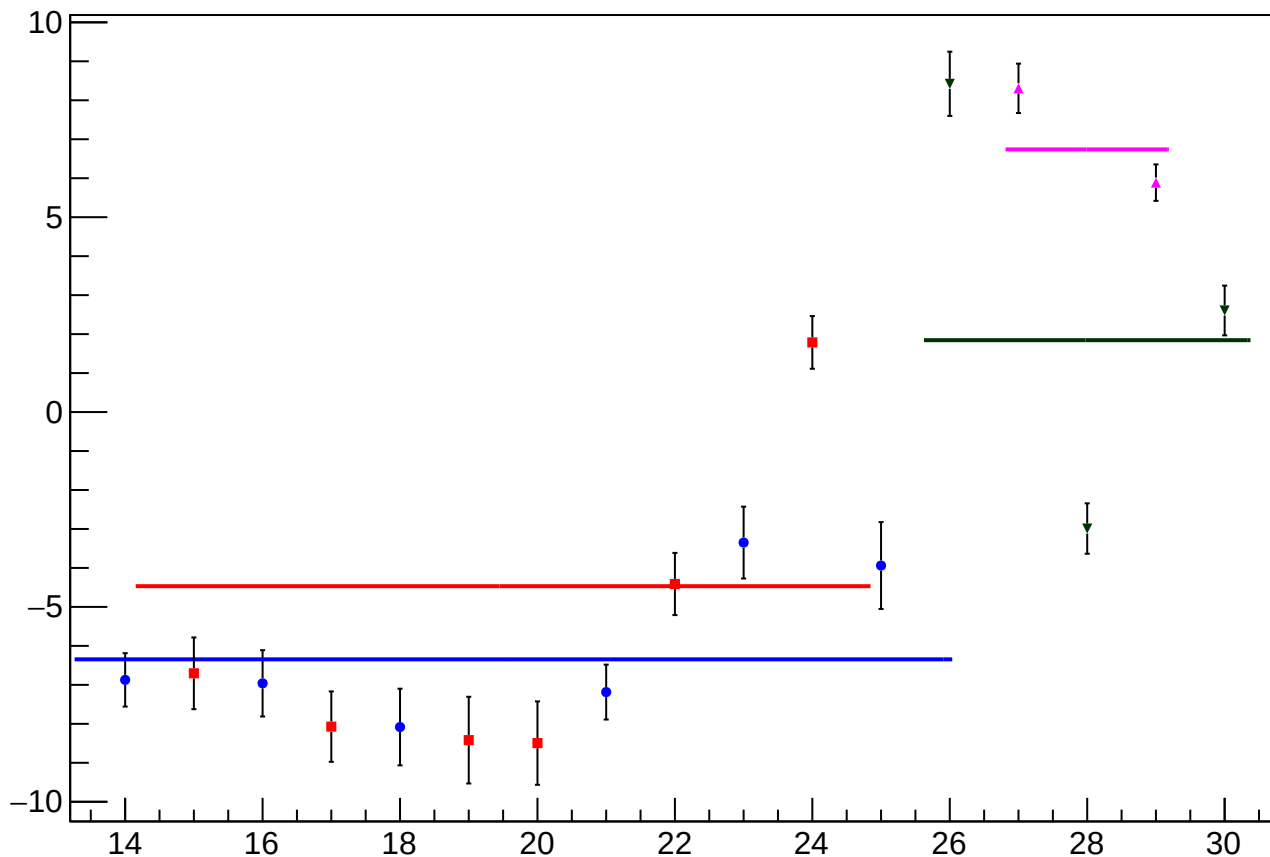
Right Out: 33.797 $\pm$ 0.057 χ^2 /NDF: 11890.2/5

Left In: 29.301 $\pm$ 0.063 χ^2 /NDF: 12464.5/1

30.623 $\pm$ 0.038 χ^2 /NDF: 27367.2/8

31.769 $\pm$ 0.042 χ^2 /NDF: 27195.6/7

reg_asym_dsr_diff_bpm4eY_slope vs slug



Right In: -6.345 ± 0.342 χ^2/NDF : 20.9/5

Left Out: 1.844 ± 0.398 χ^2/NDF : 120.9/2

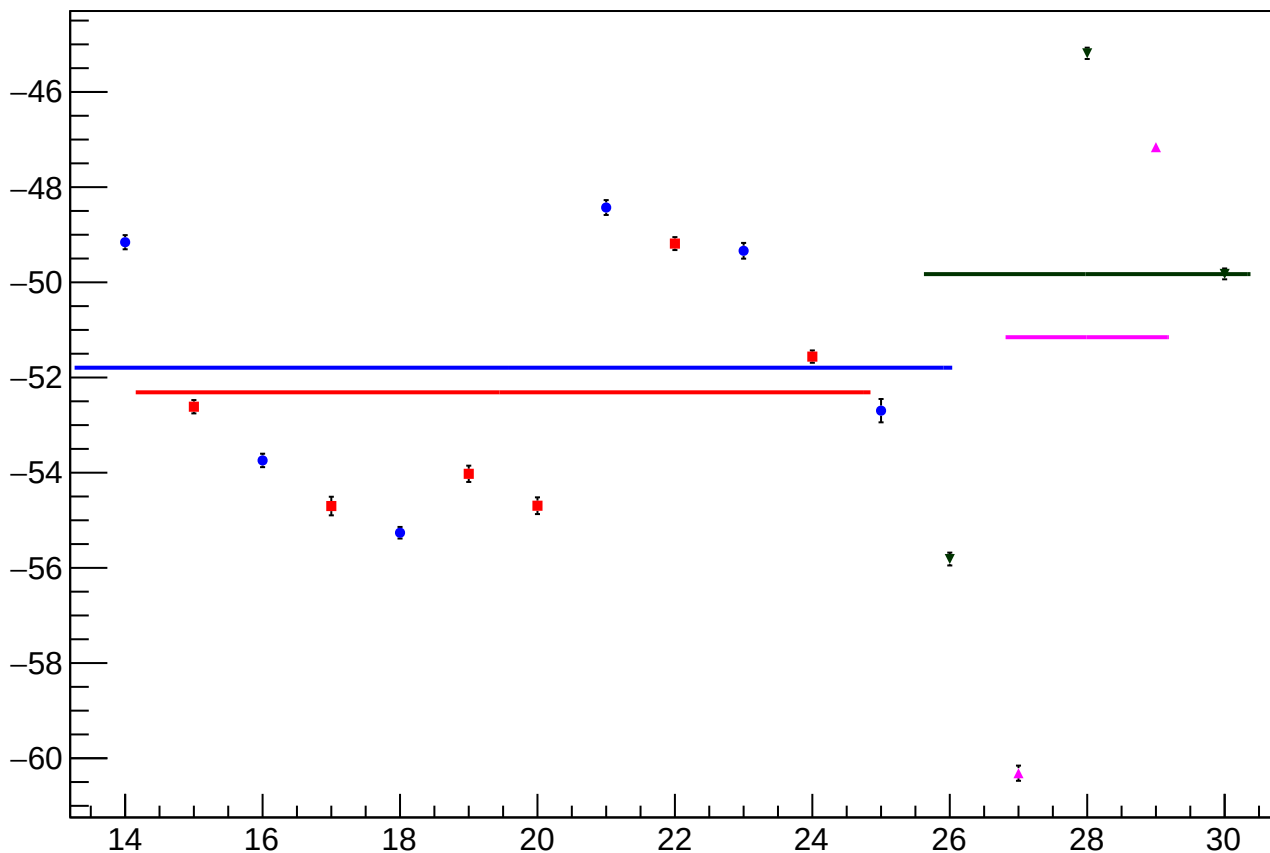
Right Out: -4.468 ± 0.357 χ^2/NDF : 134.1/5

Left In: 6.739 ± 0.376 χ^2/NDF : 9.4/1

-2.863 ± 0.259 χ^2/NDF : 385.3/8

0.844 ± 0.259 χ^2/NDF : 610.7/7

reg_asym_dsr_diff_bpm11X_slope vs slug



Right In: -51.794+/-0.062 χ^2/NDF : 2011.3/5

Left Out: -49.827+/-0.070 χ^2/NDF : 3486.5/2

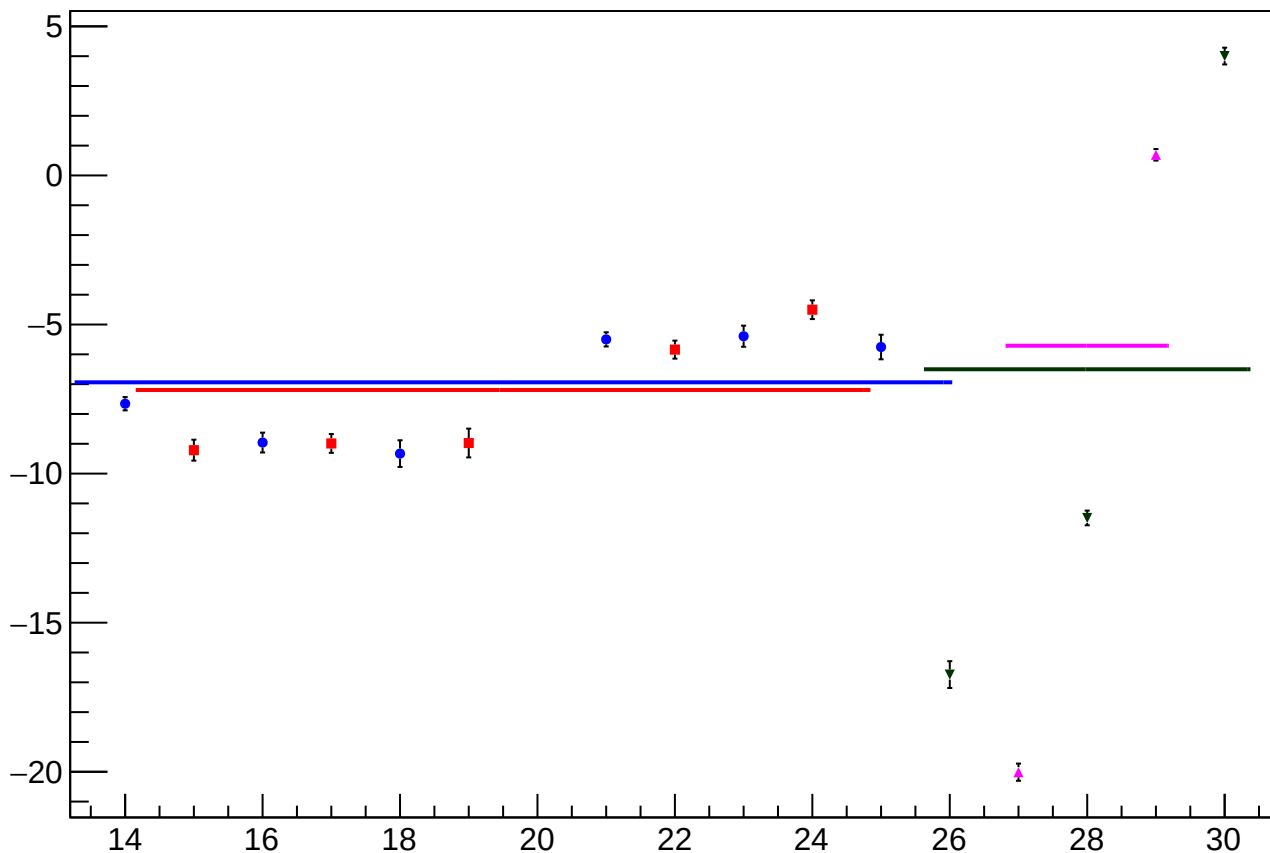
Right Out: -52.311+/-0.062 χ^2/NDF : 998.9/5

Left In: -51.153+/-0.088 χ^2/NDF : 4730.2/1

-50.927+/-0.047 χ^2/NDF : 5935.1/8

-51.923+/-0.051 χ^2/NDF : 5844.4/7

reg_asym_us_avg_diff_bpm4aX_slope vs slug



Right In: -6.938+/-0.123 χ^2/NDF : 139.6/5

Left Out: -6.501+/-0.171 χ^2/NDF : 2321.1/2

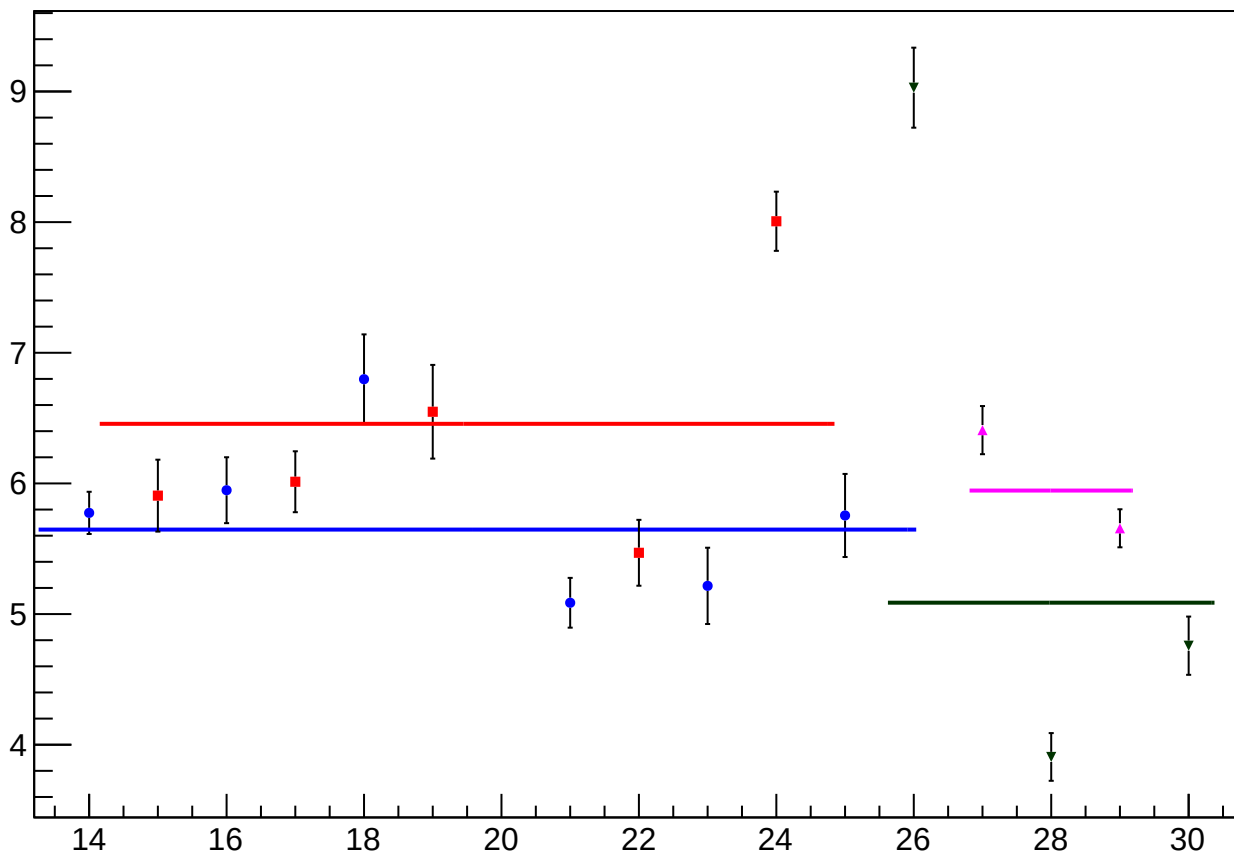
Right Out: -7.196+/-0.151 χ^2/NDF : 172.5/4

Left In: -5.712+/-0.161 χ^2/NDF : 3553.0/1

-6.789+/-0.100 χ^2/NDF : 2465.0/8

-6.497+/-0.110 χ^2/NDF : 3770.7/6

reg_asym_us_avg_diff_bpm4aY_slope vs slug



Right In: 5.647 ± 0.095 χ^2/NDF : 24.2/5

Left Out: 5.087 ± 0.128 χ^2/NDF : 209.7/2

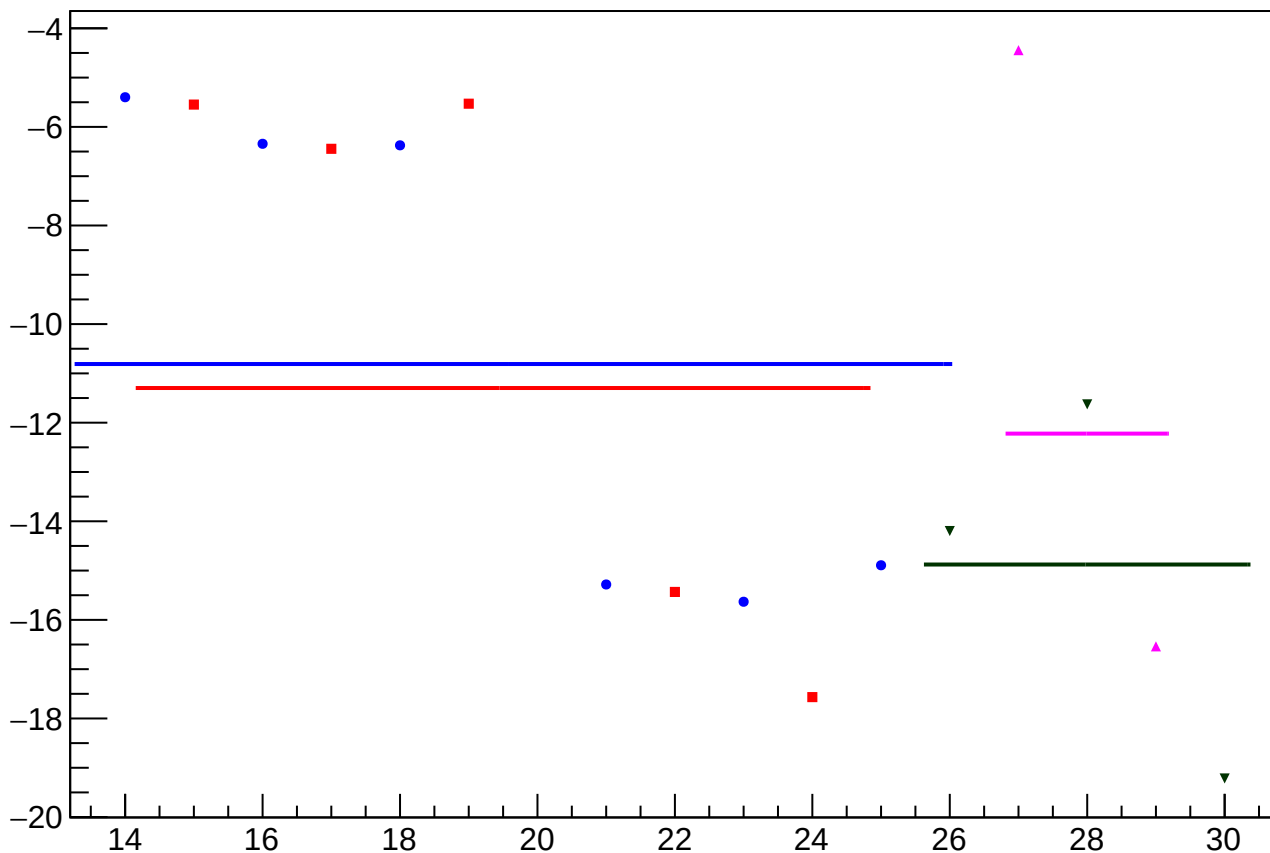
Right Out: 6.456 ± 0.116 χ^2/NDF : 69.8/4

Left In: 5.945 ± 0.114 χ^2/NDF : 10.2/1

5.450 ± 0.076 χ^2/NDF : 246.2/8

6.197 ± 0.081 χ^2/NDF : 89.9/6

reg_asym_us_avg_diff_bpm4eX_slope vs slug



Right In: -10.810 $\pm$ 0.023 χ^2 /NDF: 43689.9/5

Left Out: -14.877 $\pm$ 0.029 χ^2 /NDF: 14226.8/2

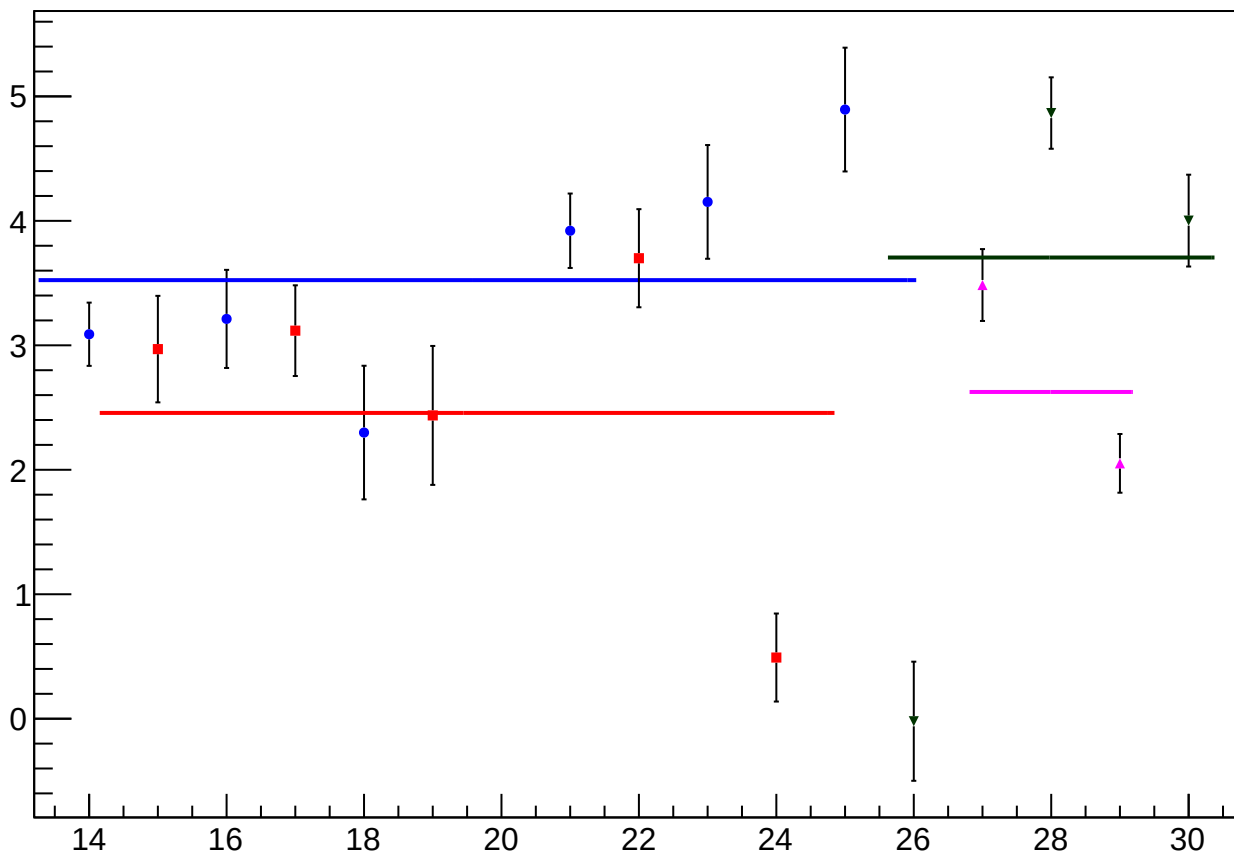
Right Out: -11.297 $\pm$ 0.028 χ^2 /NDF: 34100.5/4

Left In: -12.222 $\pm$ 0.030 χ^2 /NDF: 36944.4/1

-12.362 $\pm$ 0.018 χ^2 /NDF: 70019.1/8

-11.733 $\pm$ 0.021 χ^2 /NDF: 71542.9/6

reg_asym_us_avg_diff_bpm4eY_slope vs slug



Right In: 3.524 ± 0.148 $\chi^2/\text{NDF}: 20.0/5$

Left Out: 3.705 ± 0.205 $\chi^2/\text{NDF}: 77.6/2$

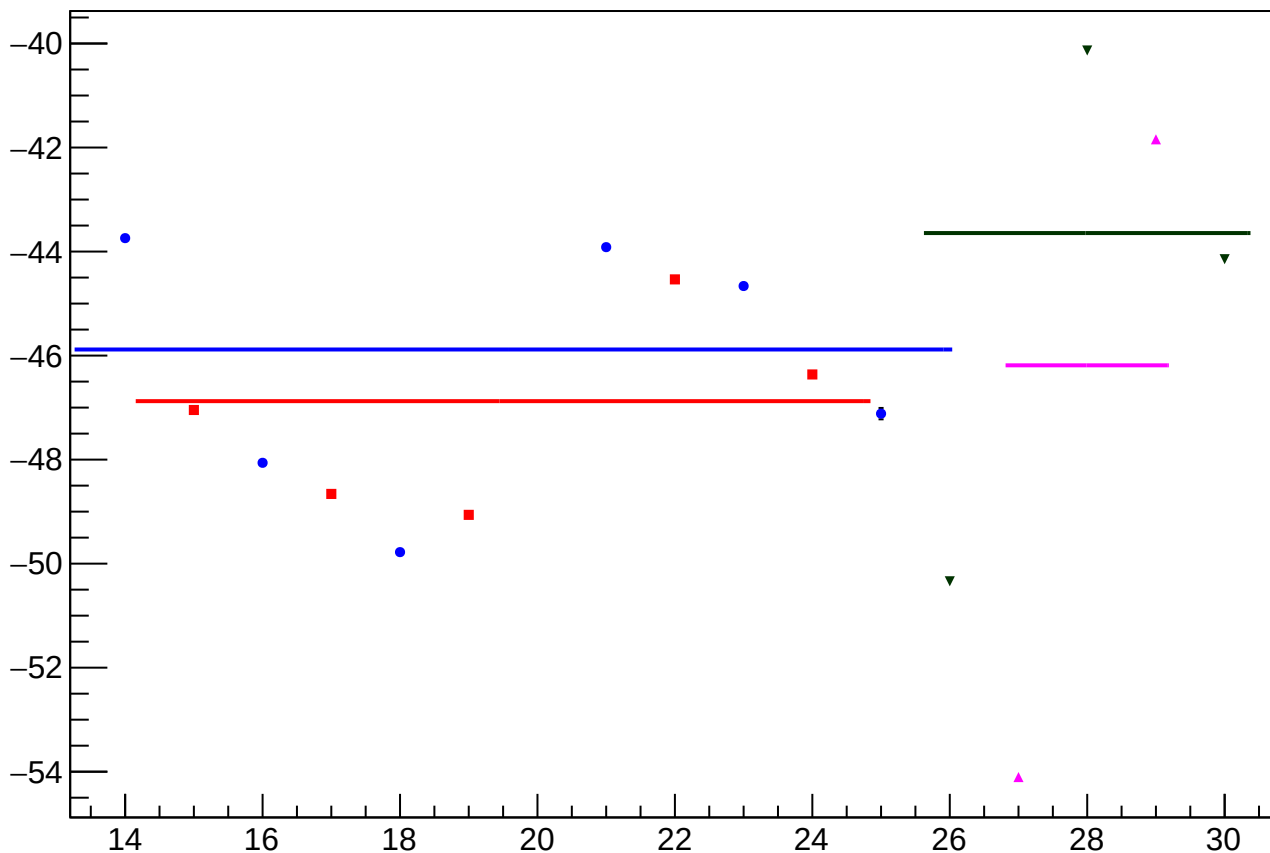
Right Out: 2.457 ± 0.181 $\chi^2/\text{NDF}: 45.6/4$

Left In: 2.625 ± 0.183 $\chi^2/\text{NDF}: 14.8/1$

3.586 ± 0.120 $\chi^2/\text{NDF}: 98.1/8$

2.540 ± 0.128 $\chi^2/\text{NDF}: 60.8/6$

reg_asym_us_avg_diff_bpm11X_slope vs slug



Right In: -45.883+/-0.029 χ^2/NDF : 6634.3/5

Left Out: -43.644+/-0.038 χ^2/NDF : 11581.5/2

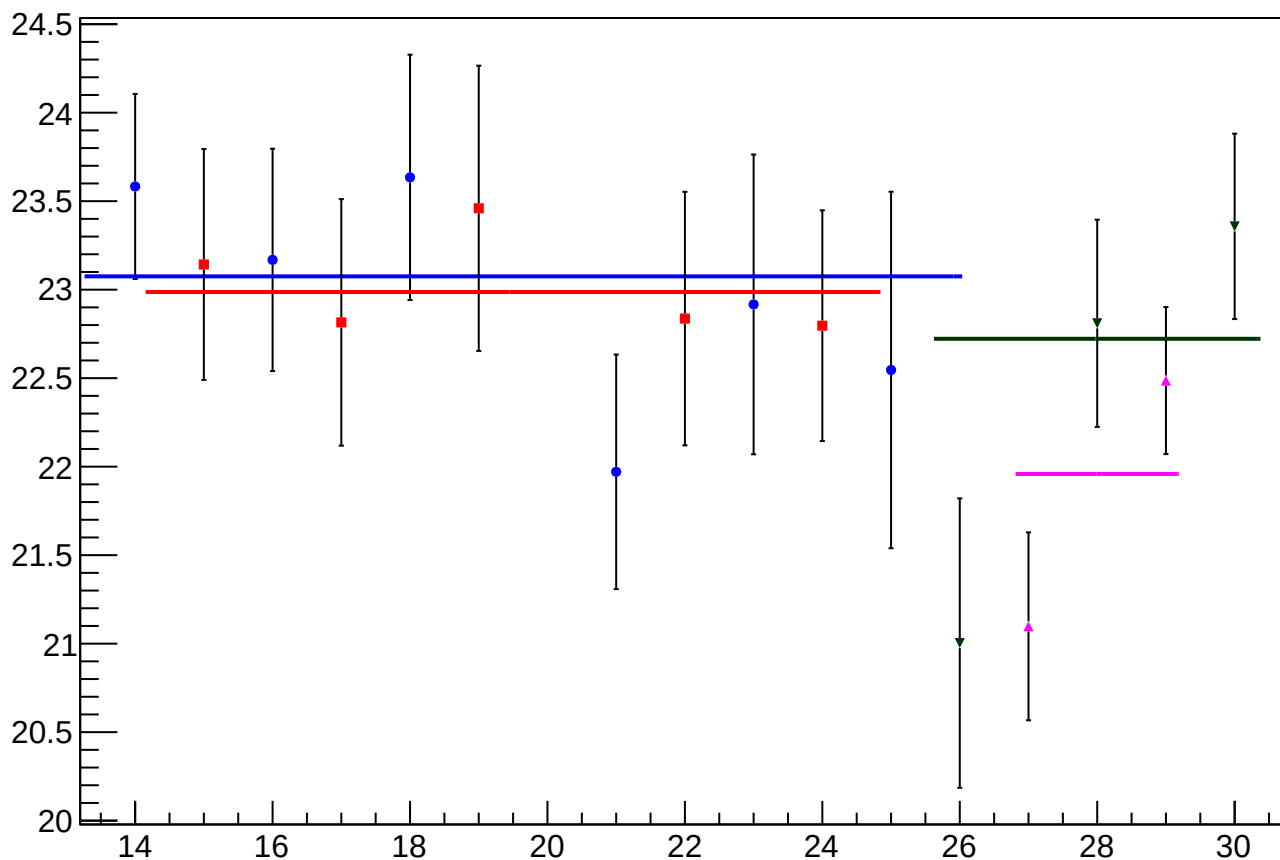
Right Out: -46.876+/-0.032 χ^2/NDF : 2417.6/4

Left In: -46.187+/-0.043 χ^2/NDF : 18764.5/1

-45.048+/-0.023 χ^2/NDF : 20444.1/8

-46.627+/-0.026 χ^2/NDF : 21347.3/6

reg_asym_us_dd_diff_bpm4aX_slope vs slug



Right In: 23.075+/-0.278 χ^2/NDF : 4.7/5

Left Out: 22.722+/-0.352 χ^2/NDF : 5.9/2

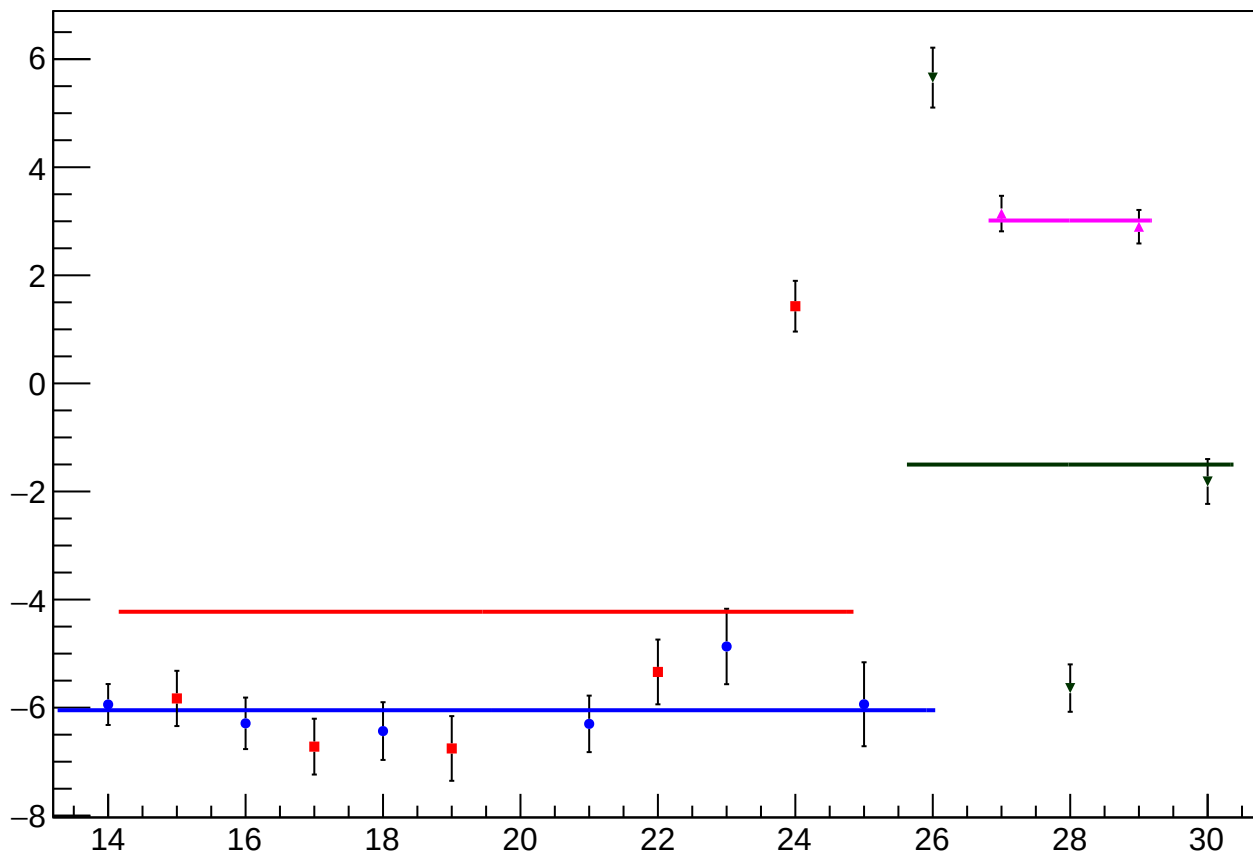
Right Out: 22.987+/-0.312 χ^2/NDF : 0.6/4

Left In: 21.959+/-0.327 χ^2/NDF : 4.2/1

22.940+/-0.218 χ^2/NDF : 11.2/8

22.497+/-0.226 χ^2/NDF : 10.0/6

reg_asym_us_dd_diff_bpm4aY_slope vs slug



Right In: -6.048 $\pm$ 0.212 χ^2 /NDF: 4.0/5

Left Out: -1.502 $\pm$ 0.265 χ^2 /NDF: 256.4/2

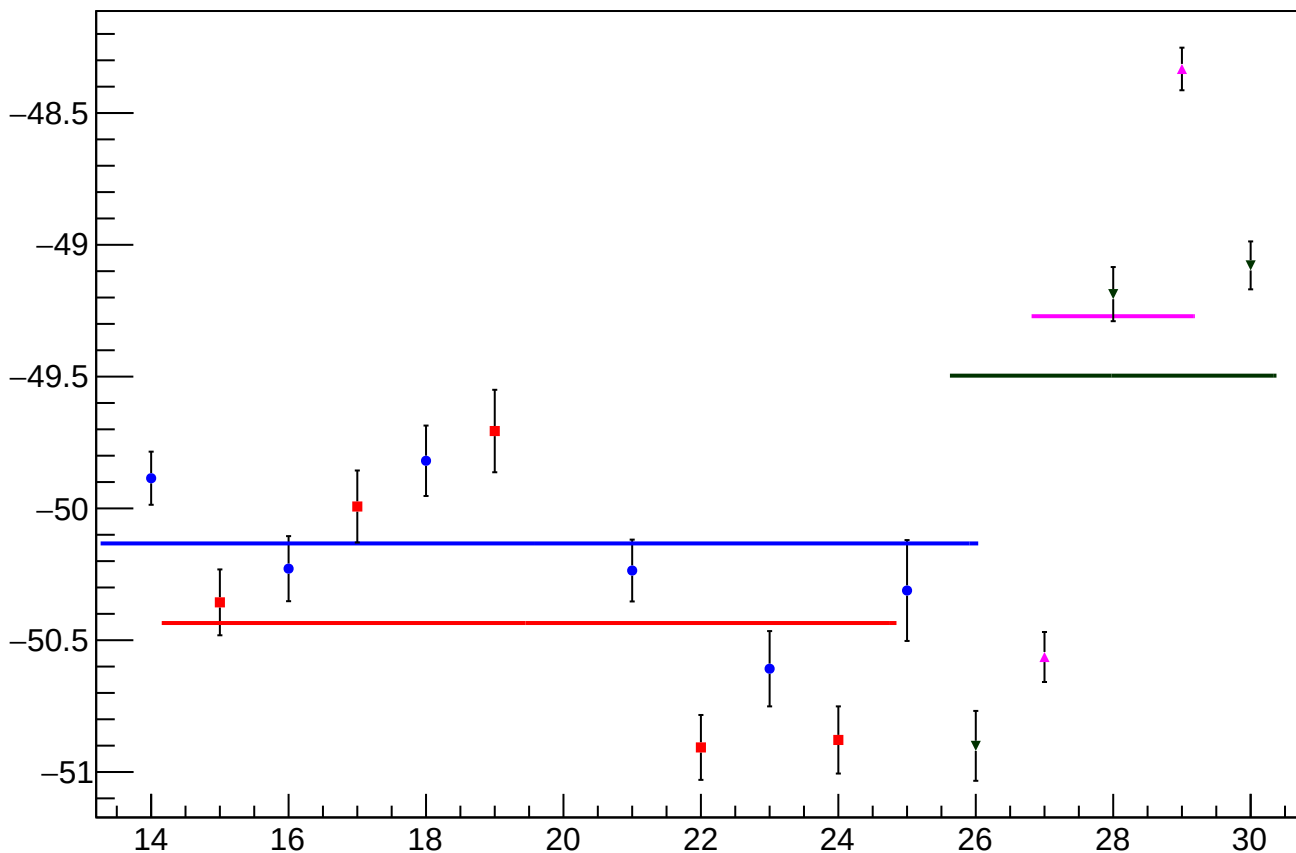
Right Out: -4.226 $\pm$ 0.238 χ^2 /NDF: 199.6/4

Left In: 3.014 $\pm$ 0.226 χ^2 /NDF: 0.3/1

-4.273 $\pm$ 0.166 χ^2 /NDF: 439.9/8

-0.415 $\pm$ 0.164 χ^2 /NDF: 687.9/6

reg_asym_us_dd_diff_bpm4eX_slope vs slug



Right In: -50.133 ± 0.052 χ^2/NDF : 24.9/5

Left Out: -49.496 ± 0.061 χ^2/NDF : 142.5/2

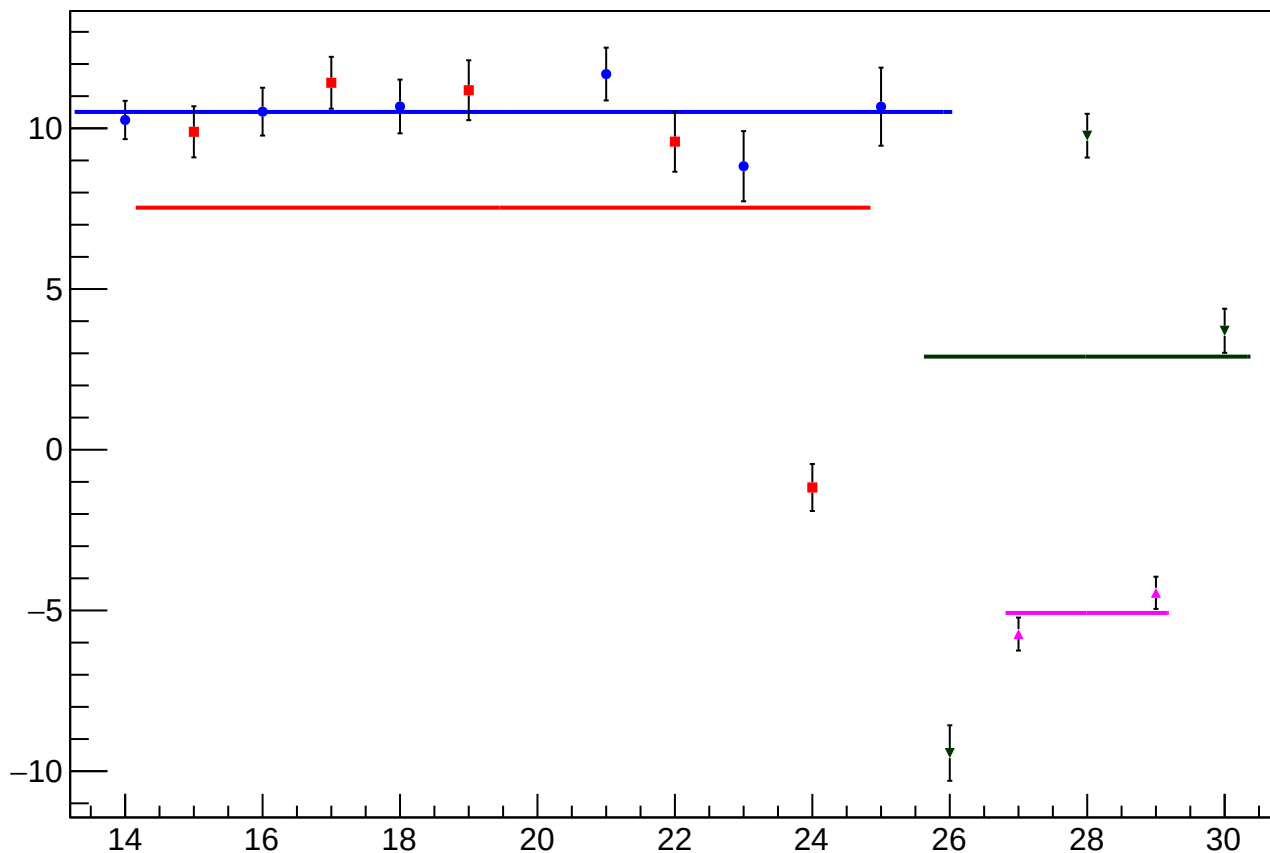
Right Out: -50.435 ± 0.059 χ^2/NDF : 59.4/4

Left In: -49.271 ± 0.062 χ^2/NDF : 320.6/1

-49.862 ± 0.039 χ^2/NDF : 230.9/8

-49.876 ± 0.043 χ^2/NDF : 566.1/6

reg_asym_us_dd_diff_bpm4eY_slope vs slug



Right In: 10.509 $\pm$ 0.332 χ^2 /NDF: 4.7/5

Left Out: 2.897 $\pm$ 0.422 χ^2 /NDF: 307.3/2

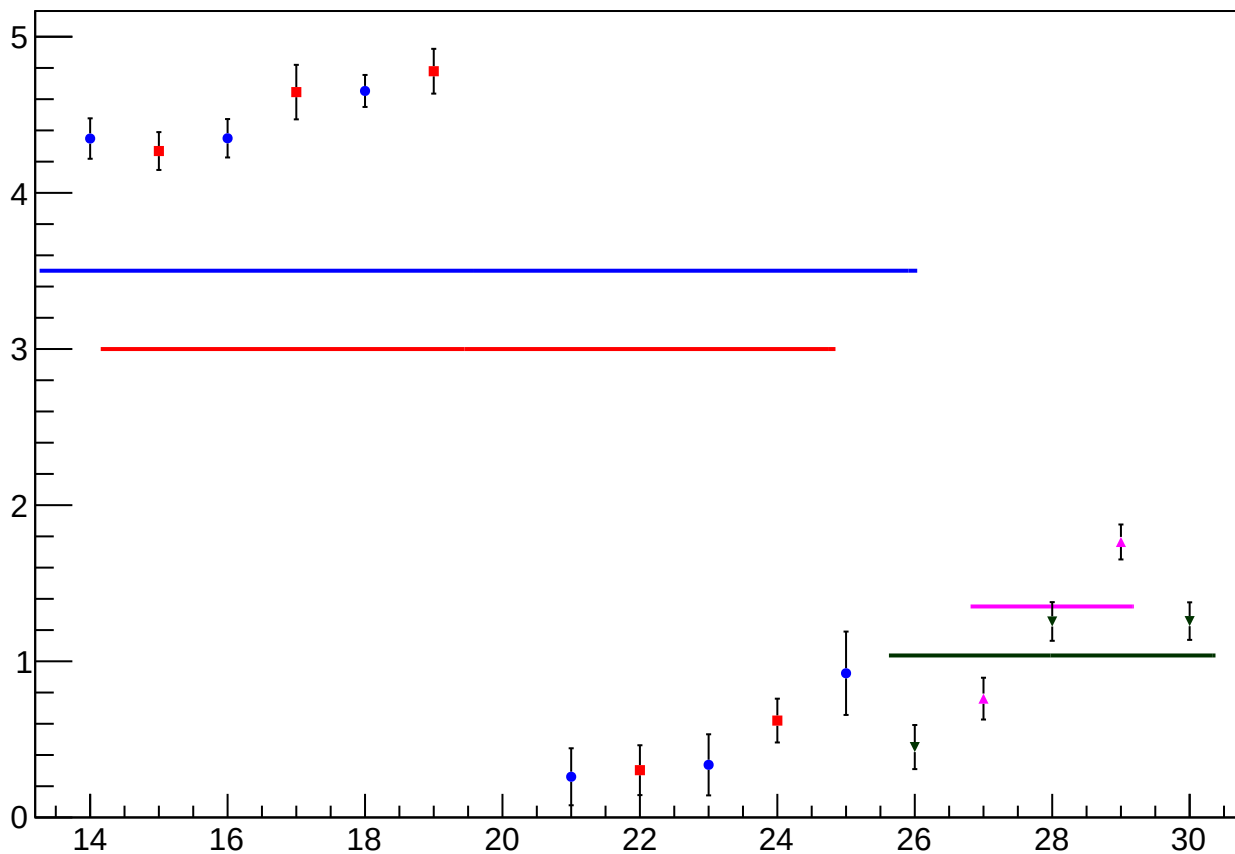
Right Out: 7.531 $\pm$ 0.371 χ^2 /NDF: 193.6/4

Left In: -5.077 $\pm$ 0.358 χ^2 /NDF: 3.2/1

7.592 $\pm$ 0.261 χ^2 /NDF: 513.1/8

1.016 $\pm$ 0.258 χ^2 /NDF: 794.7/6

reg_asym_us_dd_diff_bpm11X_slope vs slug



Right In: 3.501 $\pm$ 0.059 χ^2 /NDF: 886.4/5

Left Out: 1.037 $\pm$ 0.074 χ^2 /NDF: 23.7/2

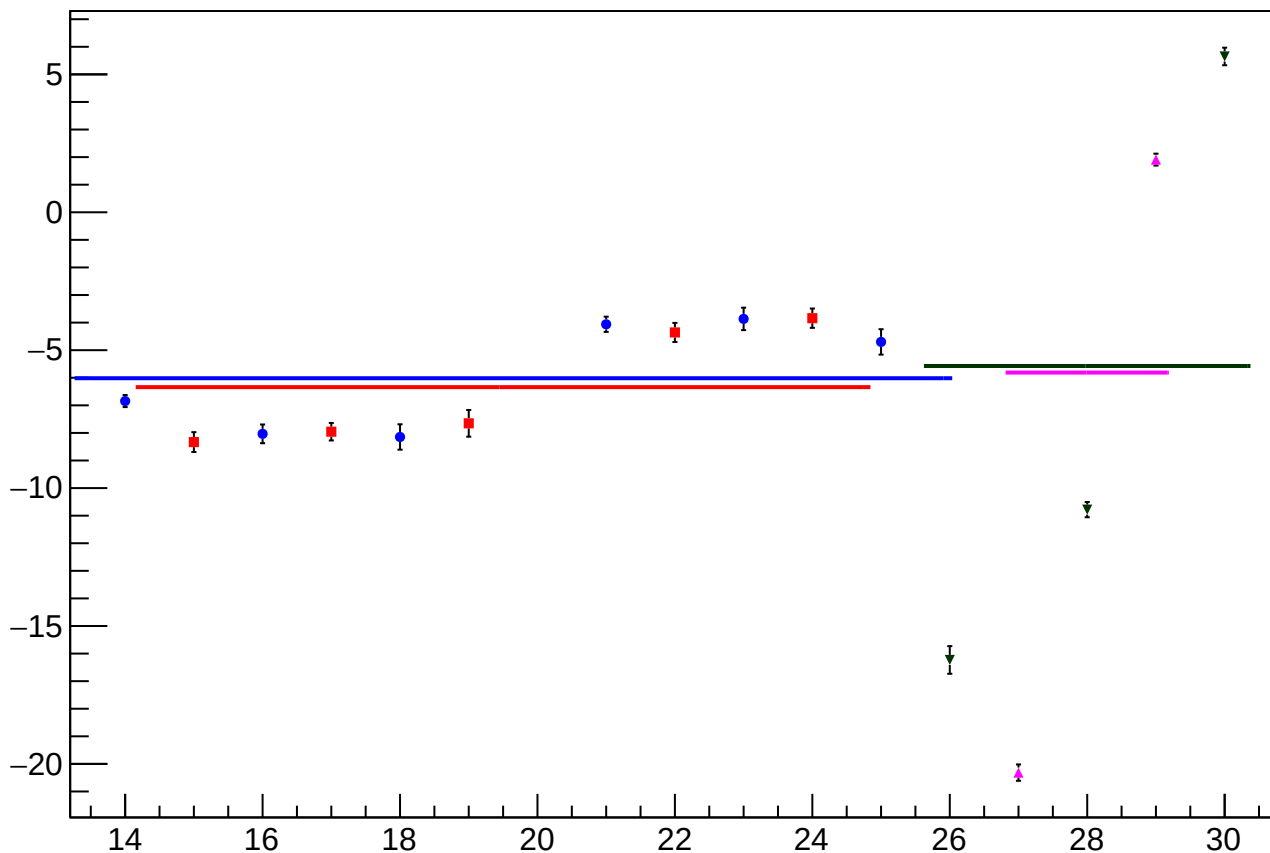
Right Out: 3.000 $\pm$ 0.065 χ^2 /NDF: 925.6/4

Left In: 1.351 $\pm$ 0.086 χ^2 /NDF: 33.1/1

2.545 $\pm$ 0.046 χ^2 /NDF: 1595.7/8

2.404 $\pm$ 0.052 χ^2 /NDF: 1194.1/6

reg_asym_ds_avg_diff_bpm4aX_slope vs slug



Right In: -6.017 ± 0.131 χ^2/NDF : 157.3/5

Left Out: -5.573 ± 0.193 χ^2/NDF : 2048.6/2

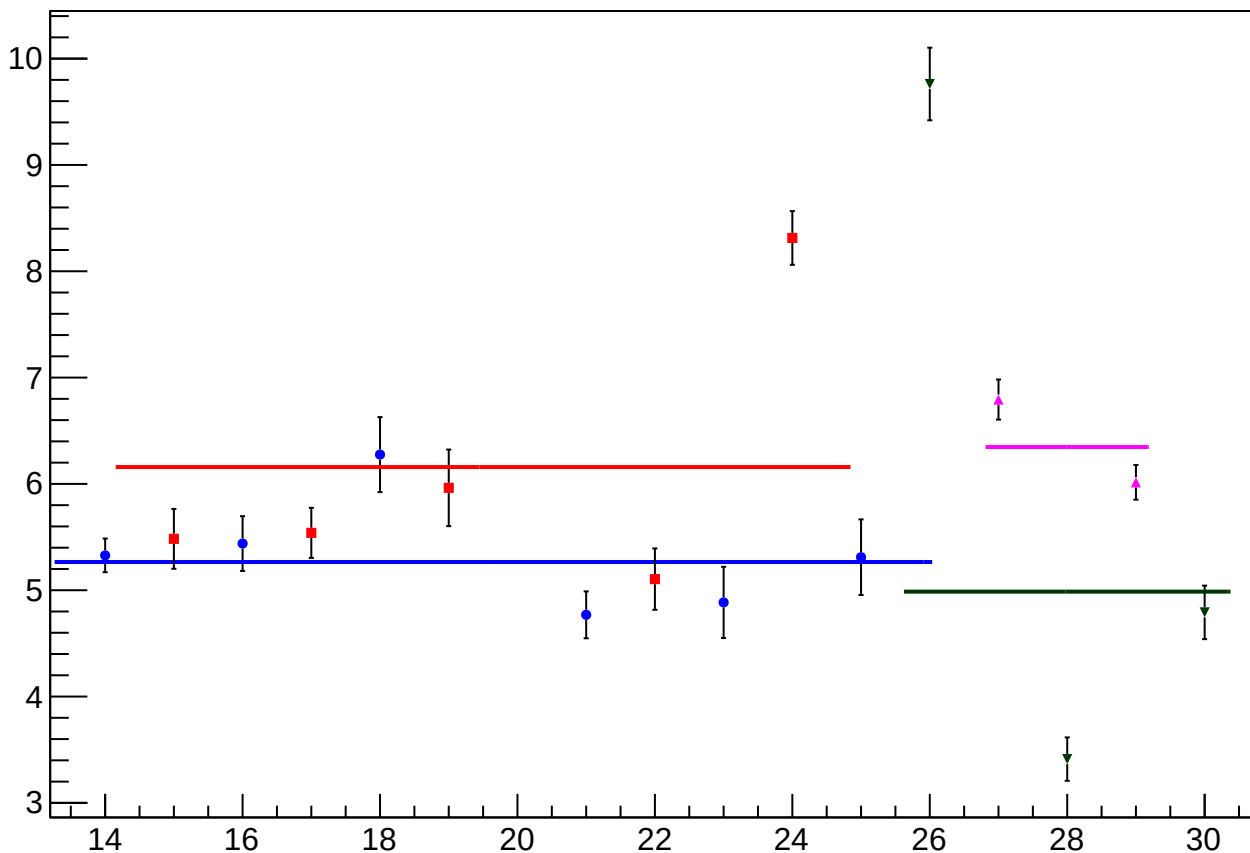
Right Out: -6.340 ± 0.161 χ^2/NDF : 147.7/4

Left In: -5.812 ± 0.175 χ^2/NDF : 3670.6/1

-5.876 ± 0.108 χ^2/NDF : 2209.5/8

-6.097 ± 0.119 χ^2/NDF : 3823.2/6

reg_asym_ds_avg_diff_bpm4aY_slope vs slug



Right In: 5.265+/-0.100 χ^2/NDF : 15.2/5

Left Out: 4.987+/-0.144 χ^2/NDF : 255.6/2

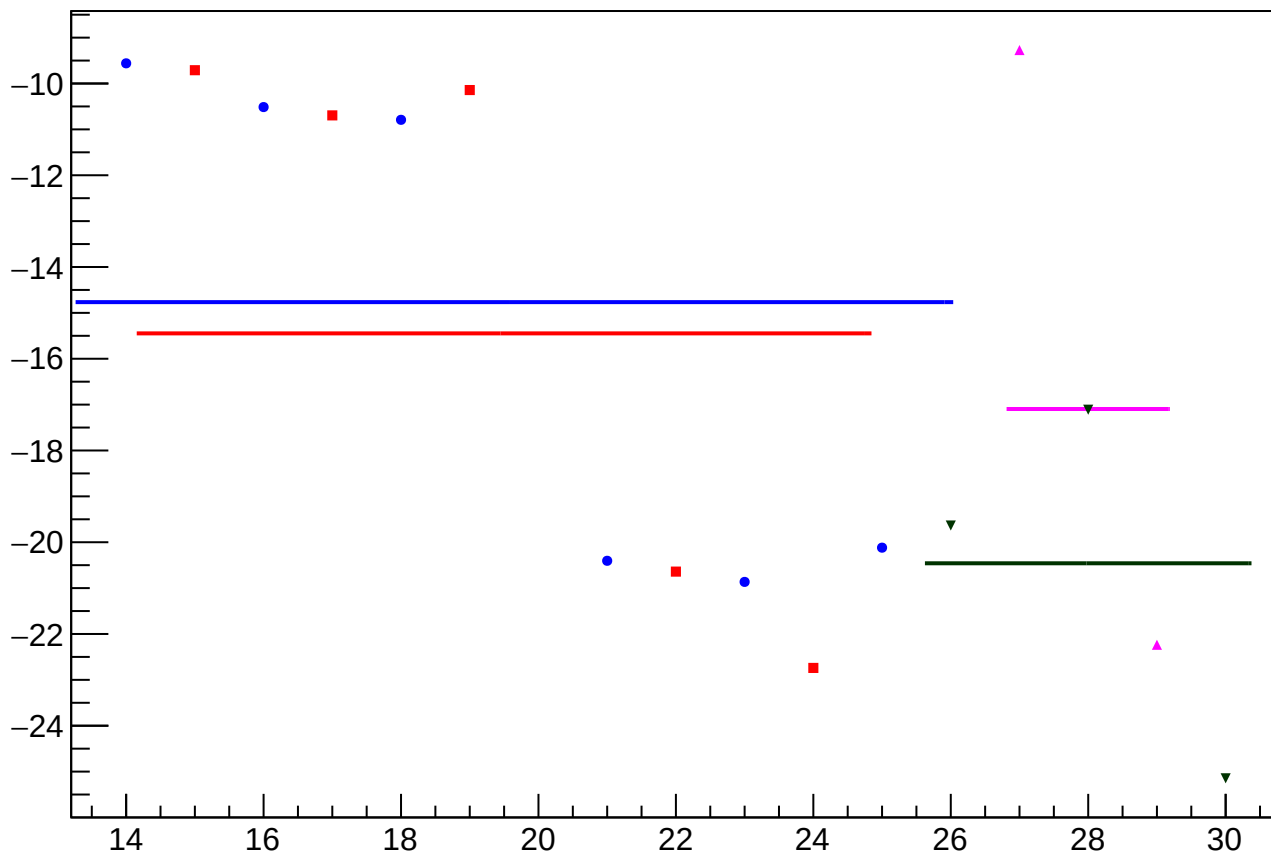
Right Out: 6.159+/-0.123 χ^2/NDF : 99.2/4

Left In: 6.347+/-0.123 χ^2/NDF : 9.8/1

5.175+/-0.082 χ^2/NDF : 273.3/8

6.253+/-0.087 χ^2/NDF : 110.1/6

reg_asym_ds_avg_diff_bpm4eX_slope vs slug



Right In: -14.766+/-0.024 χ^2/NDF : 46309.1/5

Left Out: -20.459+/-0.033 χ^2/NDF : 12423.2/2

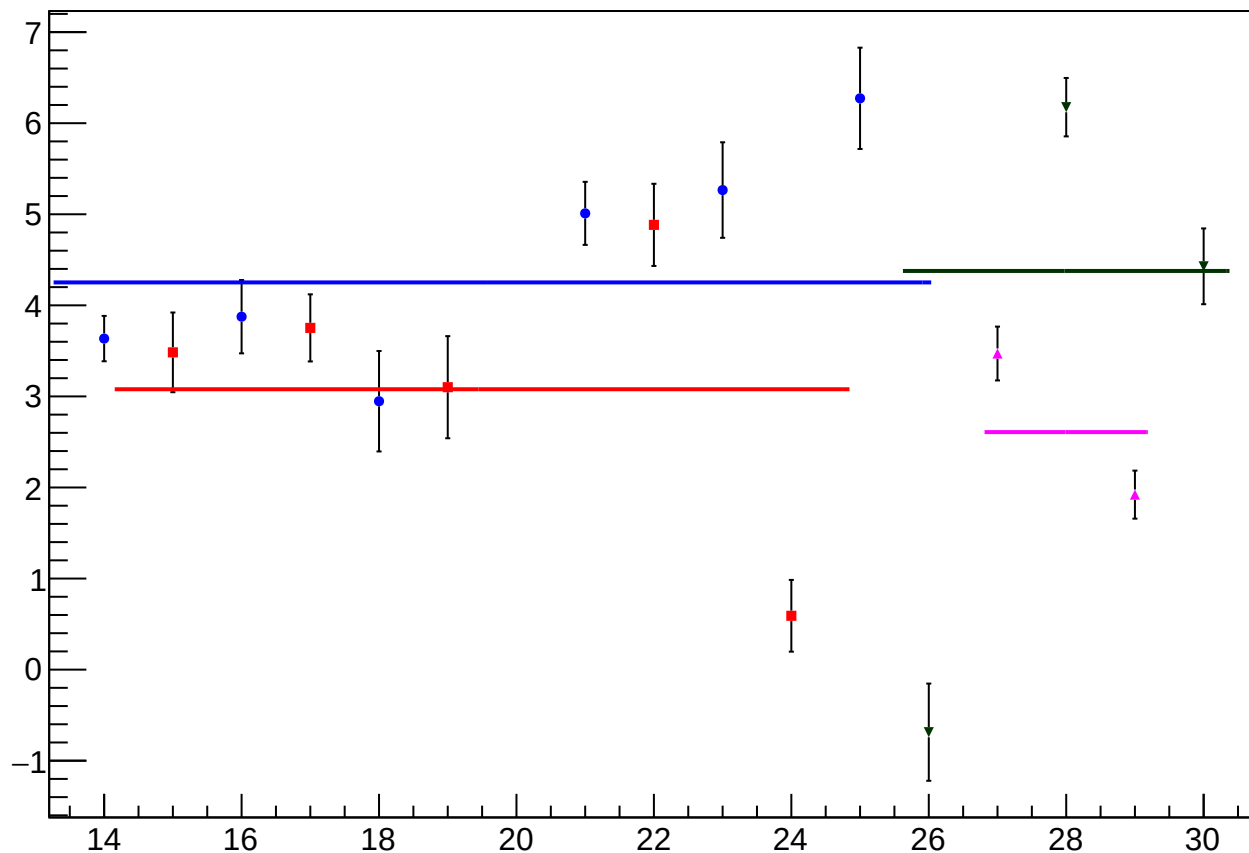
Right Out: -15.447+/-0.030 χ^2/NDF : 34966.1/4

Left In: -17.096+/-0.033 χ^2/NDF : 37651.3/1

-16.794+/-0.020 χ^2/NDF : 78080.1/8

-16.213+/-0.022 χ^2/NDF : 73979.4/6

reg_asym_ds_avg_diff_bpm4eY_slope vs slug



Right In: 4.252 ± 0.157 $\chi^2/\text{NDF}: 34.4/5$

Left Out: 4.378 ± 0.229 $\chi^2/\text{NDF}: 121.5/2$

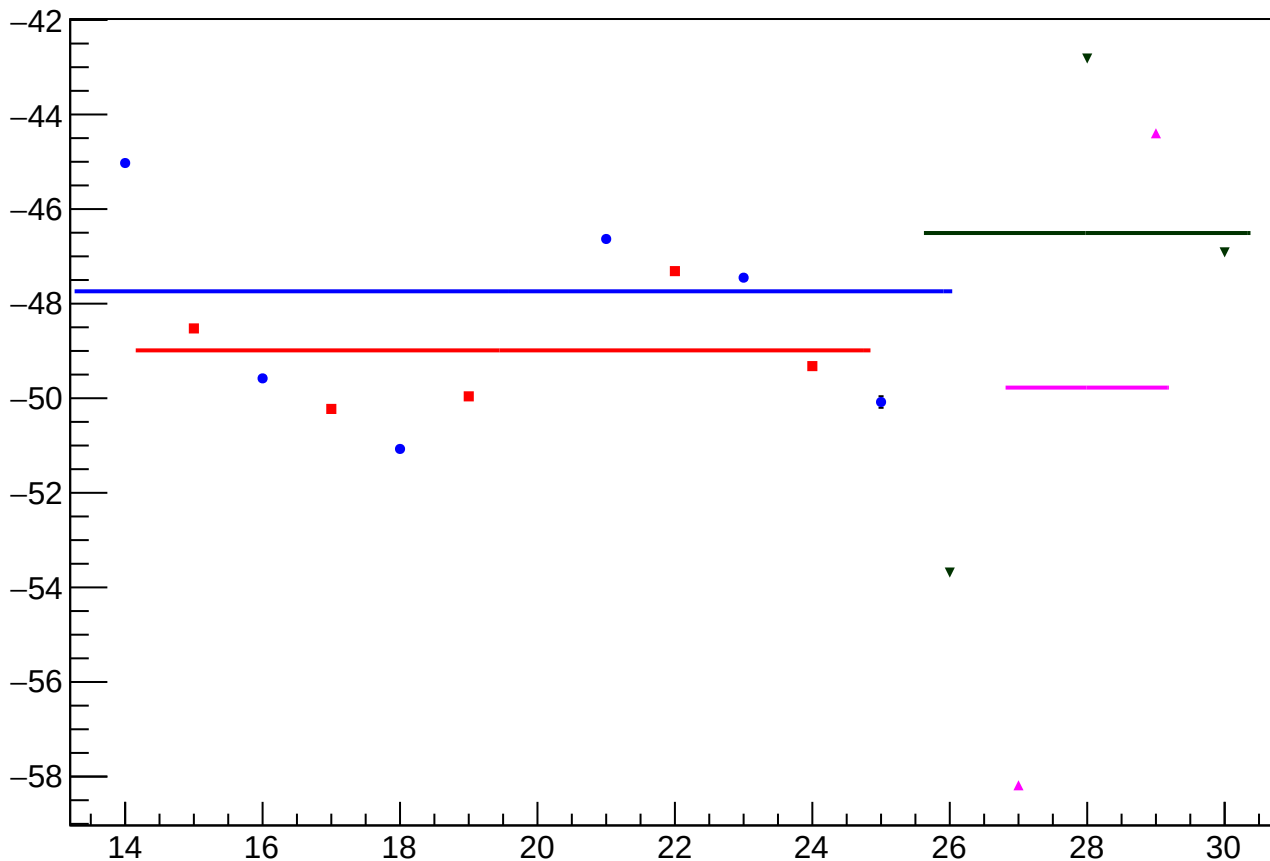
Right Out: 3.079 ± 0.192 $\chi^2/\text{NDF}: 60.1/4$

Left In: 2.608 ± 0.197 $\chi^2/\text{NDF}: 15.3/1$

4.292 ± 0.129 $\chi^2/\text{NDF}: 156.0/8$

2.849 ± 0.137 $\chi^2/\text{NDF}: 78.3/6$

reg_asym_ds_avg_diff_bpm11X_slope vs slug



Right In: -47.739+/-0.031 χ^2/NDF : 5747.7/5

Left Out: -46.506+/-0.042 χ^2/NDF : 10530.0/2

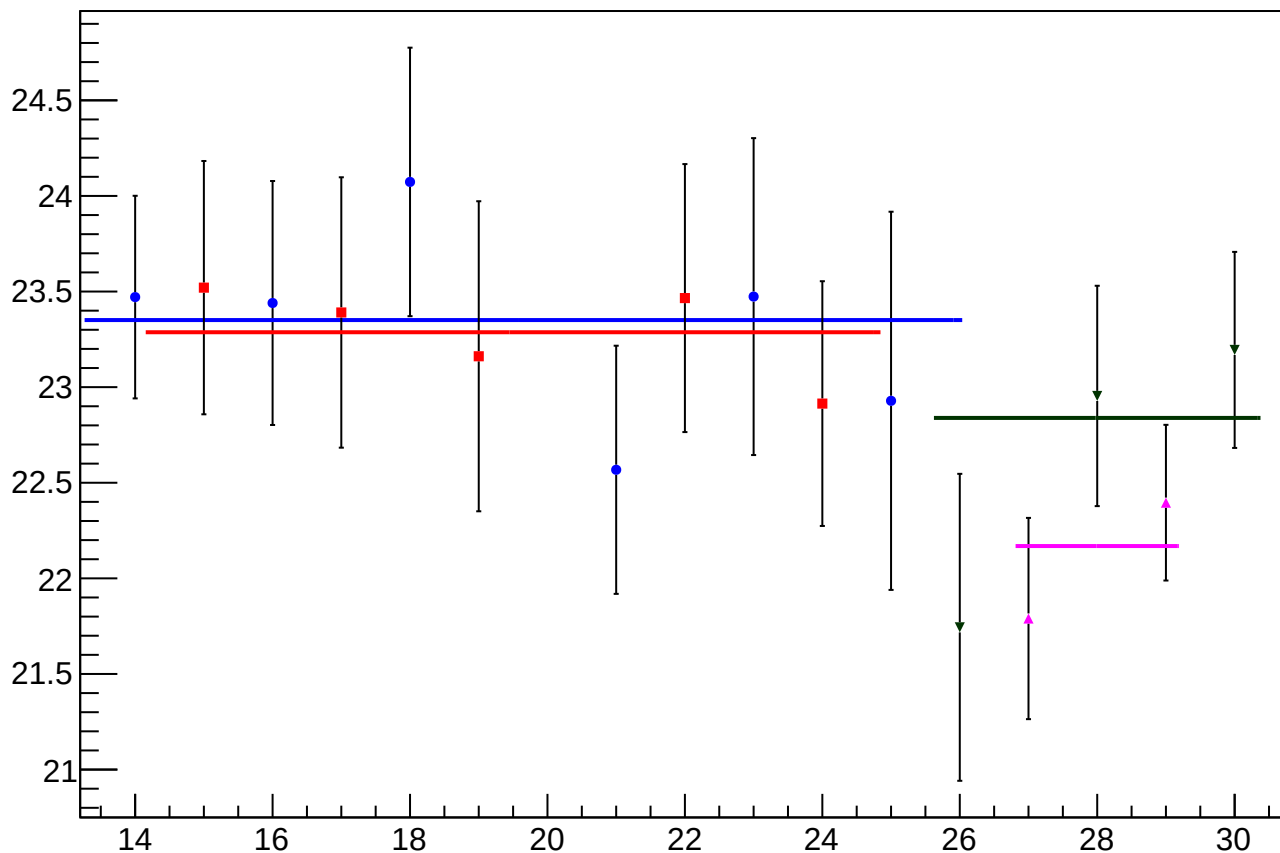
Right Out: -48.988+/-0.034 χ^2/NDF : 903.8/4

Left In: -49.775+/-0.046 χ^2/NDF : 20979.4/1

-47.313+/-0.025 χ^2/NDF : 16840.4/8

-49.265+/-0.028 χ^2/NDF : 22069.5/6

reg_asym_ds_dd_diff_bpm4aX_slope vs slug



Right In: 23.351 $\pm$ 0.278 χ^2 /NDF: 2.8/5

Left Out: 22.839 $\pm$ 0.346 χ^2 /NDF: 2.4/2

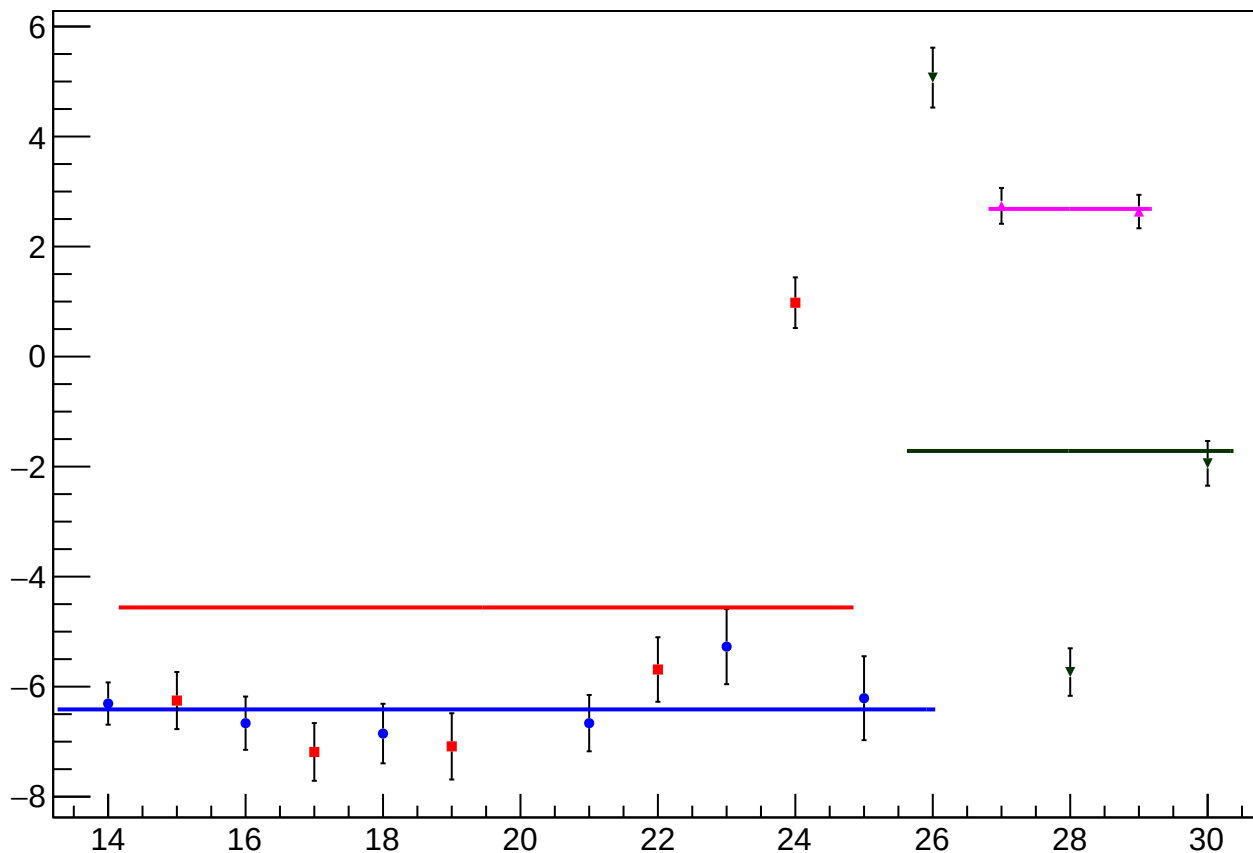
Right Out: 23.287 $\pm$ 0.312 χ^2 /NDF: 0.6/4

Left In: 22.169 $\pm$ 0.322 χ^2 /NDF: 0.8/1

23.149 $\pm$ 0.217 χ^2 /NDF: 6.5/8

22.746 $\pm$ 0.224 χ^2 /NDF: 7.6/6

reg_asym_ds_dd_diff_bpm4aY_slope vs slug



Right In: -6.414 ± 0.212 χ^2/NDF : 4.1/5

Left Out: -1.715 ± 0.260 χ^2/NDF : 242.4/2

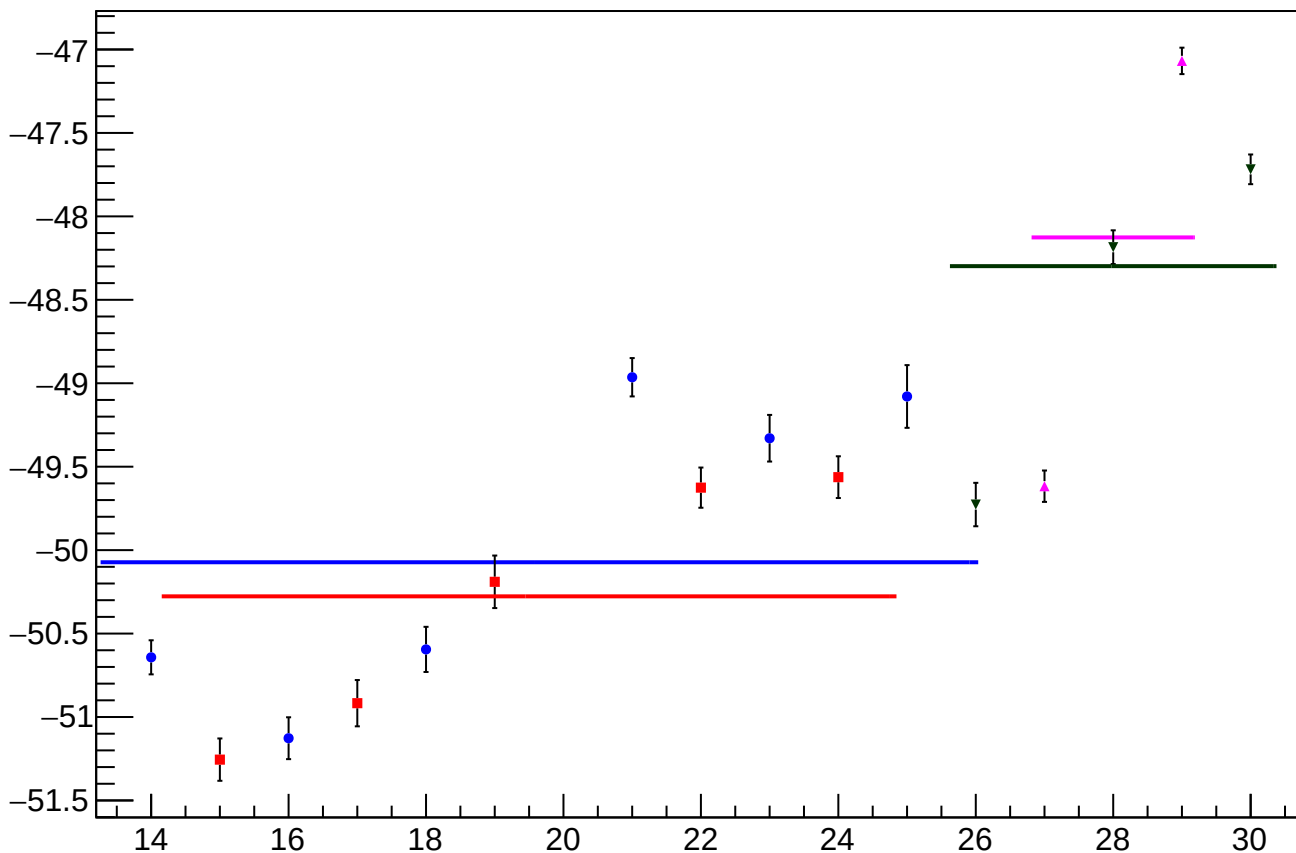
Right Out: -4.560 ± 0.238 χ^2/NDF : 201.5/4

Left In: 2.684 ± 0.222 χ^2/NDF : 0.1/1

-4.532 ± 0.165 χ^2/NDF : 442.3/8

-0.699 ± 0.162 χ^2/NDF : 697.5/6

reg_asym_ds_dd_diff_bpm4eX_slope vs slug



Right In: -50.073±/0.052 χ^2/NDF : 266.1/5

Left Out: -48.298±/0.059 χ^2/NDF :164.3/2

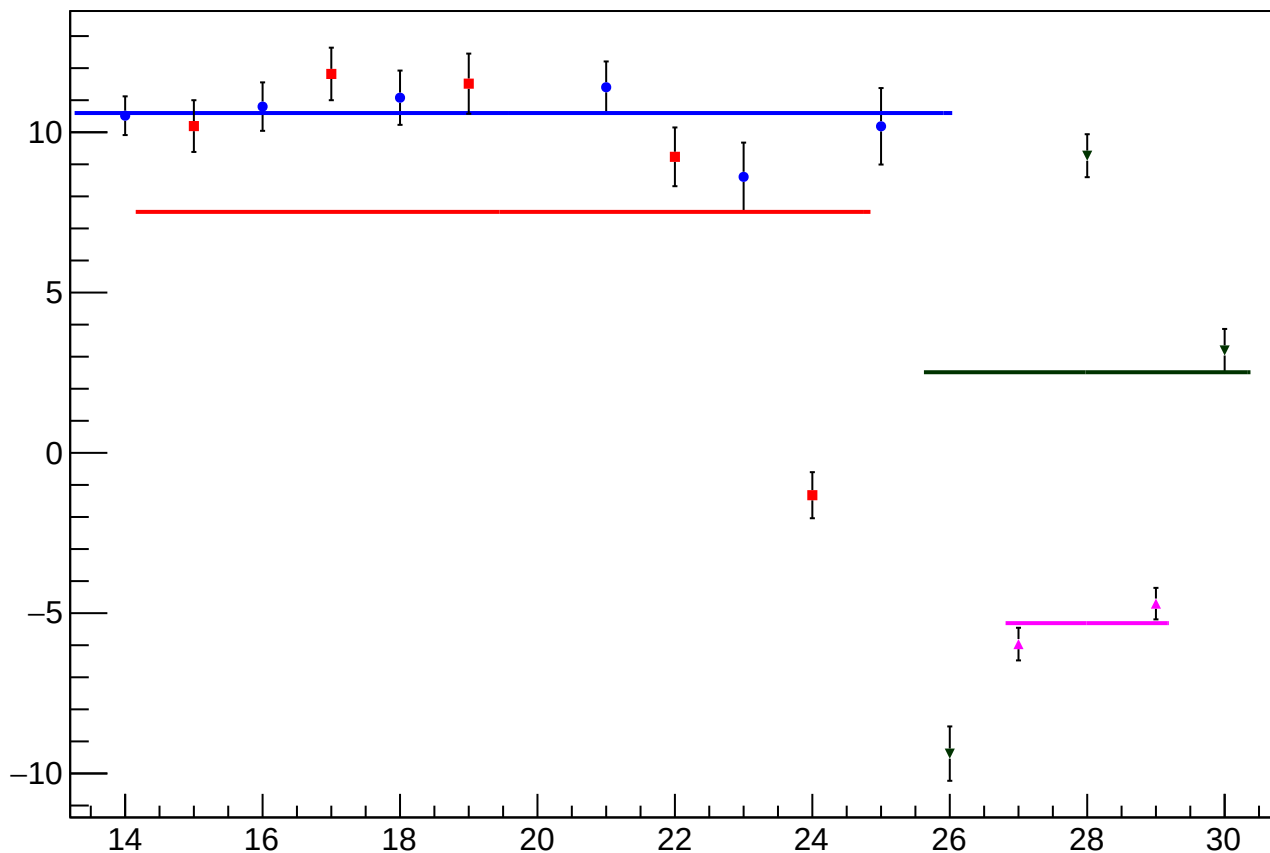
Right Out: -50.277±/0.059 χ^2/NDF : 143.0/4

Left In: -48.126±/0.061 χ^2/NDF :429.8/1

-49.303±/0.039 χ^2/NDF : 935.1/8

-49.230±/0.042 χ^2/NDF : 1219.9/6

reg_asym_ds_dd_diff_bpm4eY_slope vs slug



Right In: 10.600 $\pm$ 0.333 χ^2 /NDF: 5.0/5

Left Out: 2.515 $\pm$ 0.414 χ^2 /NDF: 299.4/2

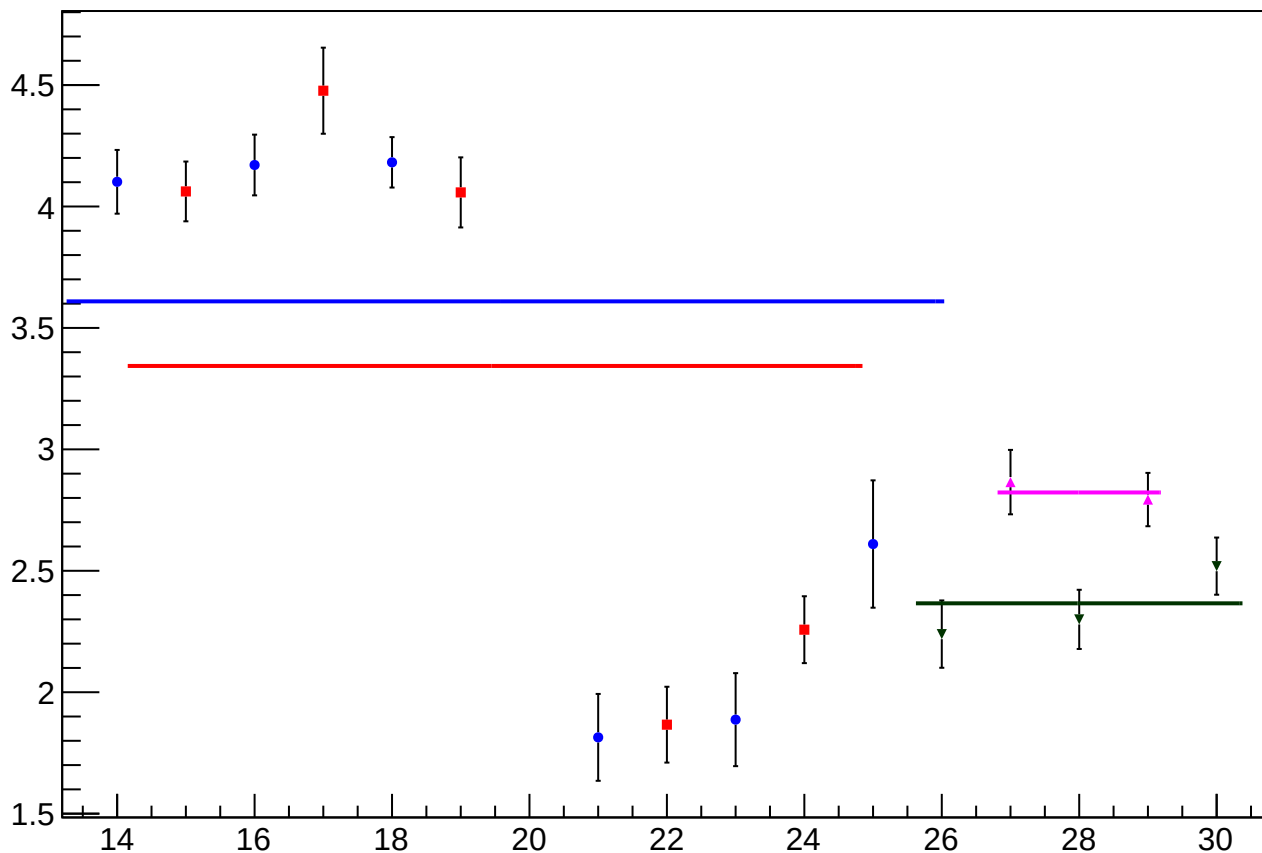
Right Out: 7.517 $\pm$ 0.370 χ^2 /NDF: 211.6/4

Left In: -5.311 $\pm$ 0.353 χ^2 /NDF: 3.2/1

7.422 $\pm$ 0.259 χ^2 /NDF: 536.1/8

0.804 $\pm$ 0.256 χ^2 /NDF: 842.6/6

reg_asym_ds_dd_diff_bpm11X_slope vs slug



Right In: 3.609 $\pm$ 0.059 χ^2 /NDF: 260.8/5

Left Out: 2.366 $\pm$ 0.072 χ^2 /NDF: 2.8/2

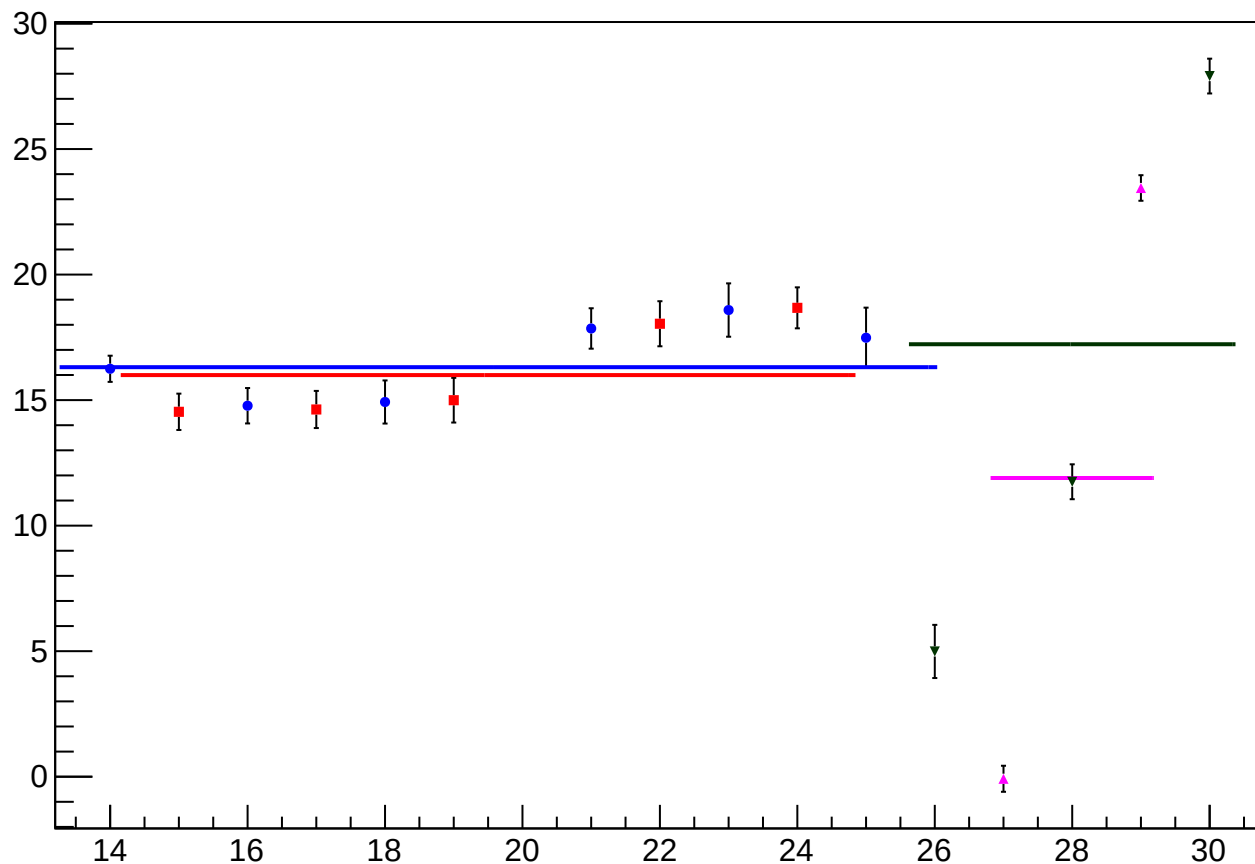
Right Out: 3.343 $\pm$ 0.065 χ^2 /NDF: 251.2/4

Left In: 2.823 $\pm$ 0.085 χ^2 /NDF: 0.2/1

3.113 $\pm$ 0.046 χ^2 /NDF: 441.5/8

3.152 $\pm$ 0.051 χ^2 /NDF: 275.3/6

reg_asym_left_avg_diff_bpm4aX_slope vs slug



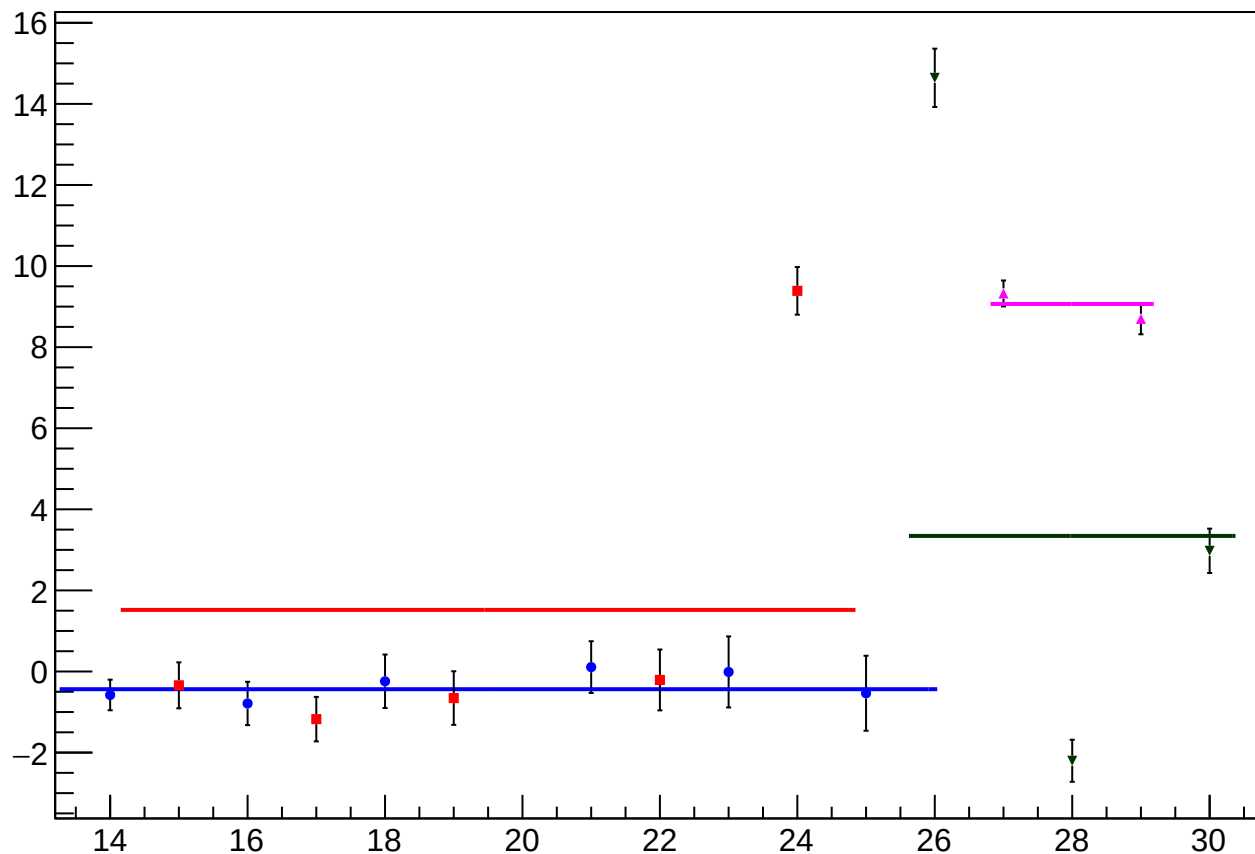
Right In: 16.312 ± 0.314 χ^2/NDF : 16.6/5

Left Out: 15.997 ± 0.359 χ^2/NDF : 24.7/4

Right Out: 16.615 ± 0.256 χ^2/NDF : 452.6/8

Left In: 13.970 ± 0.256 χ^2/NDF : 1136.6/6

reg_asym_left_avg_diff_bpm4aY_slope vs slug



Right In: -0.437 ± 0.237 χ^2/NDF : 1.6/5

Left Out: 3.344 ± 0.334 χ^2/NDF : 361.4/2

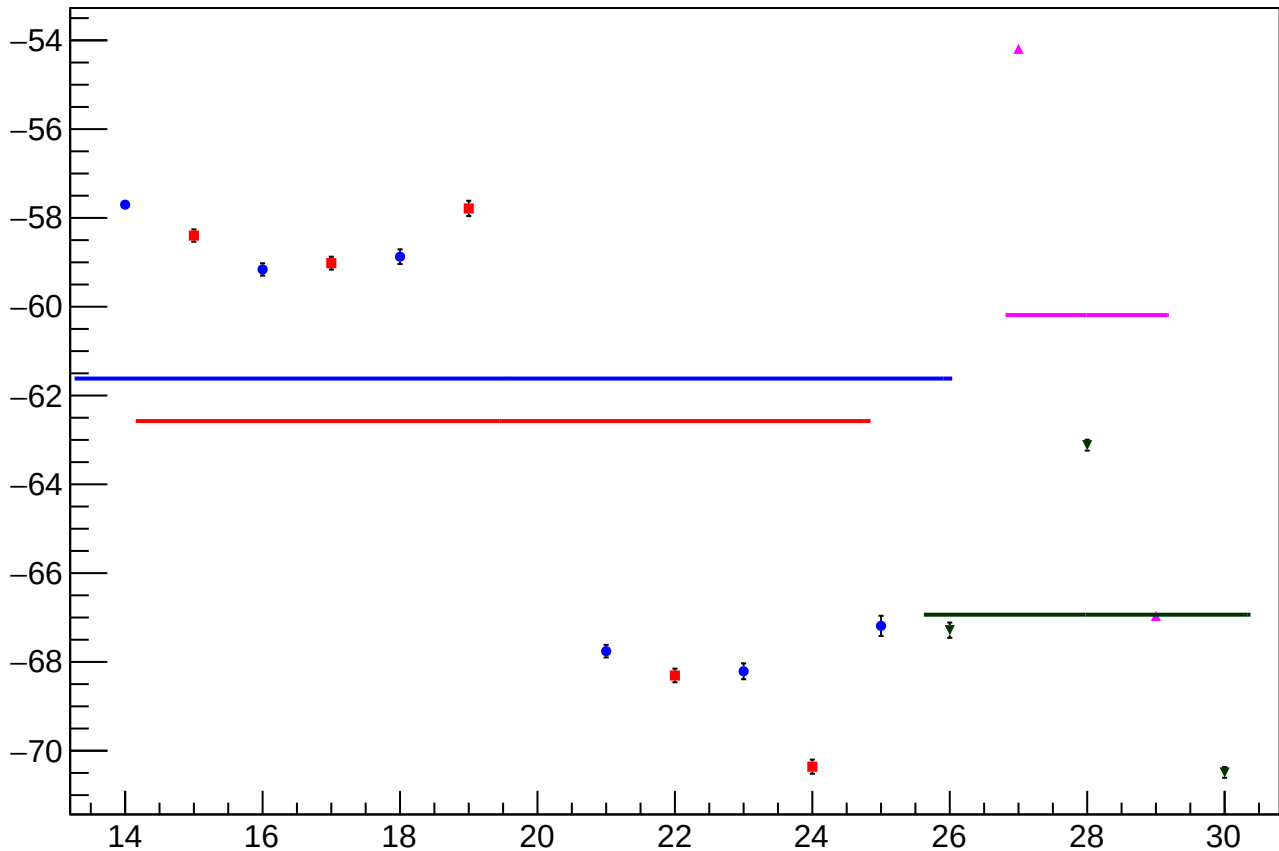
Right Out: 1.519 ± 0.273 χ^2/NDF : 230.4/4

Left In: 9.065 ± 0.245 χ^2/NDF : 1.6/1

0.834 ± 0.193 χ^2/NDF : 448.3/8

5.705 ± 0.182 χ^2/NDF : 655.1/6

reg_asym_left_avg_diff_bpm4eX_slope vs slug



Right In: -61.617 ± 0.059 $\chi^2/\text{NDF}: 5913.6/5$

Left Out: -66.936 ± 0.077 $\chi^2/\text{NDF}: 1849.7/2$

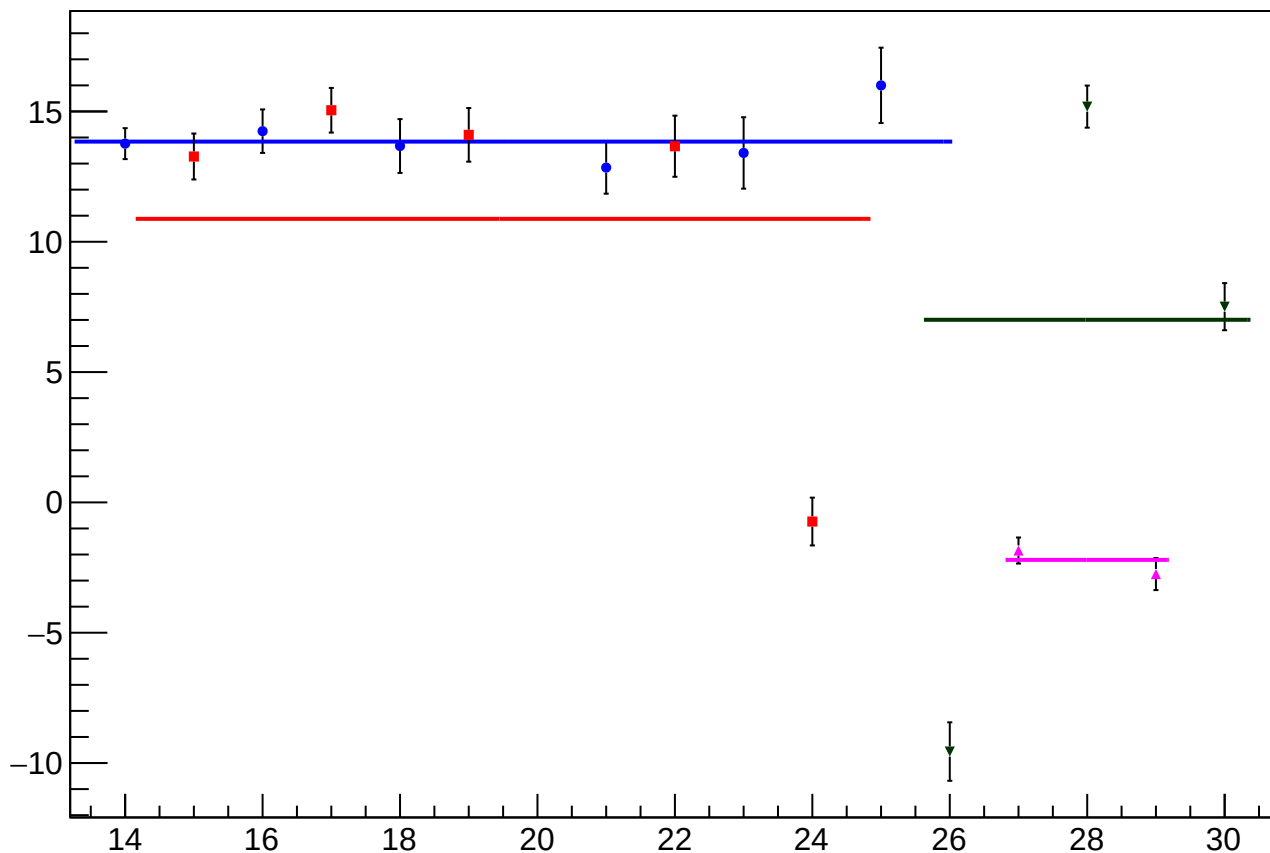
Right Out: -62.575 ± 0.068 $\chi^2/\text{NDF}: 6039.0/4$

Left In: -60.187 ± 0.068 $\chi^2/\text{NDF}: 8816.6/1$

-63.595 ± 0.047 $\chi^2/\text{NDF}: 10781.1/8$

-61.374 ± 0.048 $\chi^2/\text{NDF}: 15470.4/6$

reg_asym_left_avg_diff_bpm4eY_slope vs slug



Right In: 13.843 ± 0.372 $\chi^2/\text{NDF}: 3.6/5$

Left Out: 7.007 ± 0.530 $\chi^2/\text{NDF}: 321.0/2$

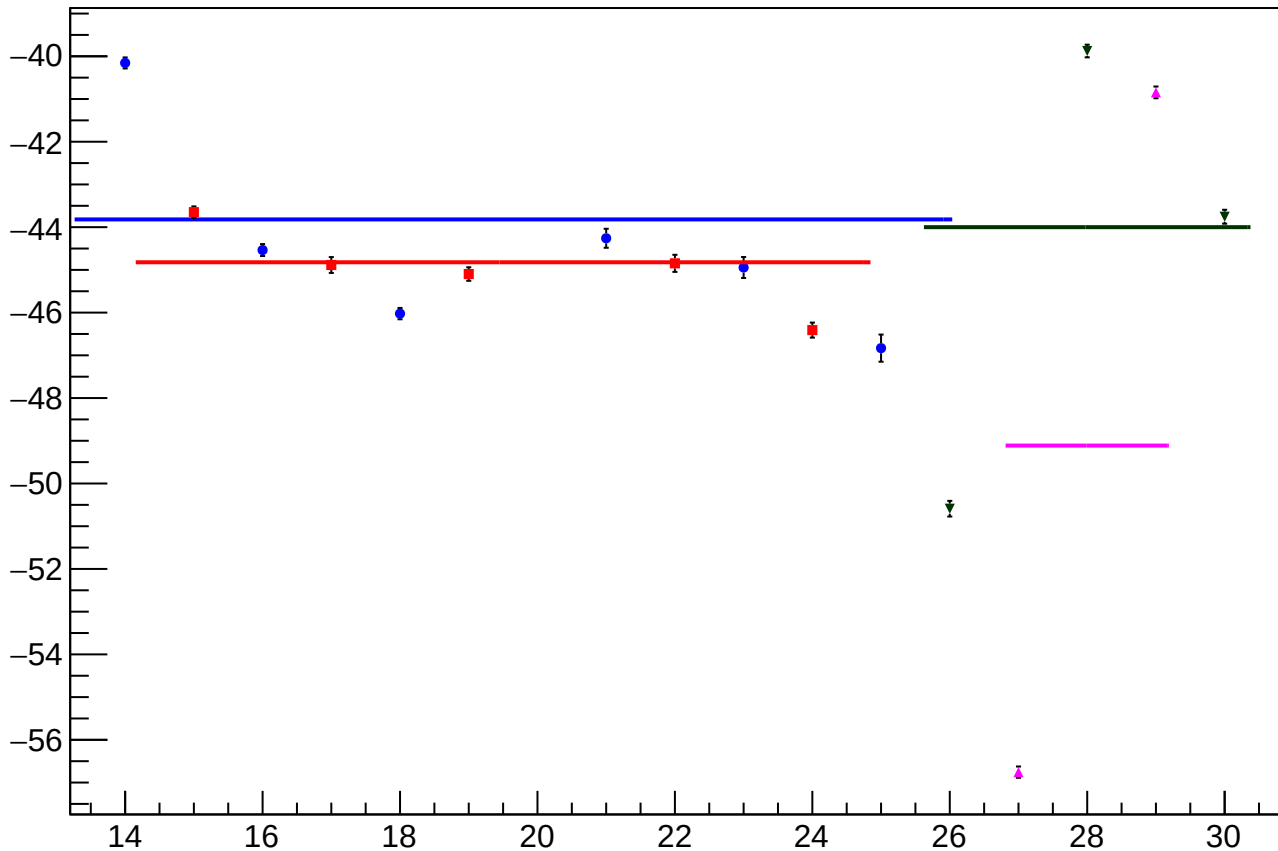
Right Out: 10.879 ± 0.426 $\chi^2/\text{NDF}: 207.0/4$

Left In: -2.206 ± 0.388 $\chi^2/\text{NDF}: 1.3/1$

11.588 ± 0.305 $\chi^2/\text{NDF}: 435.9/8$

3.723 ± 0.287 $\chi^2/\text{NDF}: 724.3/6$

reg_asym_left_avg_diff_bpm11X_slope vs slug



Right In: -43.819 $\pm$ 0.068 χ^2 /NDF: 1220.1/5

Left Out: -44.000 $\pm$ 0.094 χ^2 /NDF: 2065.4/2

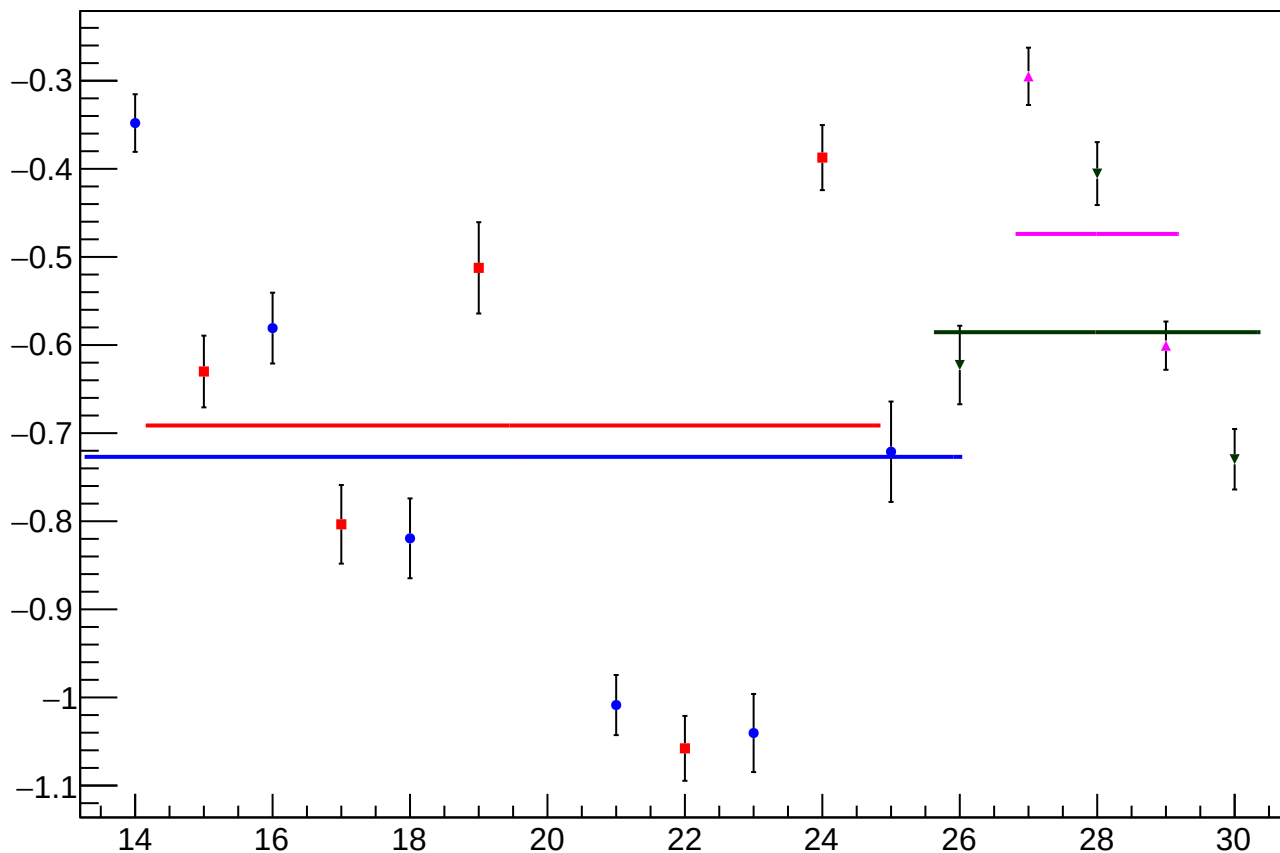
Right Out: -44.822 $\pm$ 0.074 χ^2 /NDF: 160.7/4

Left In: -49.112 $\pm$ 0.095 χ^2 /NDF: 6969.2/1

-43.881 $\pm$ 0.055 χ^2 /NDF: 3287.9/8

-46.444 $\pm$ 0.059 χ^2 /NDF: 8392.6/6

reg_asym_left_dd_diff_bpm4aX_slope vs slug



Right In: -0.727+/-0.016 χ^2/NDF : 269.7/5

Left Out: -0.585+/-0.022 χ^2/NDF : 43.7/2

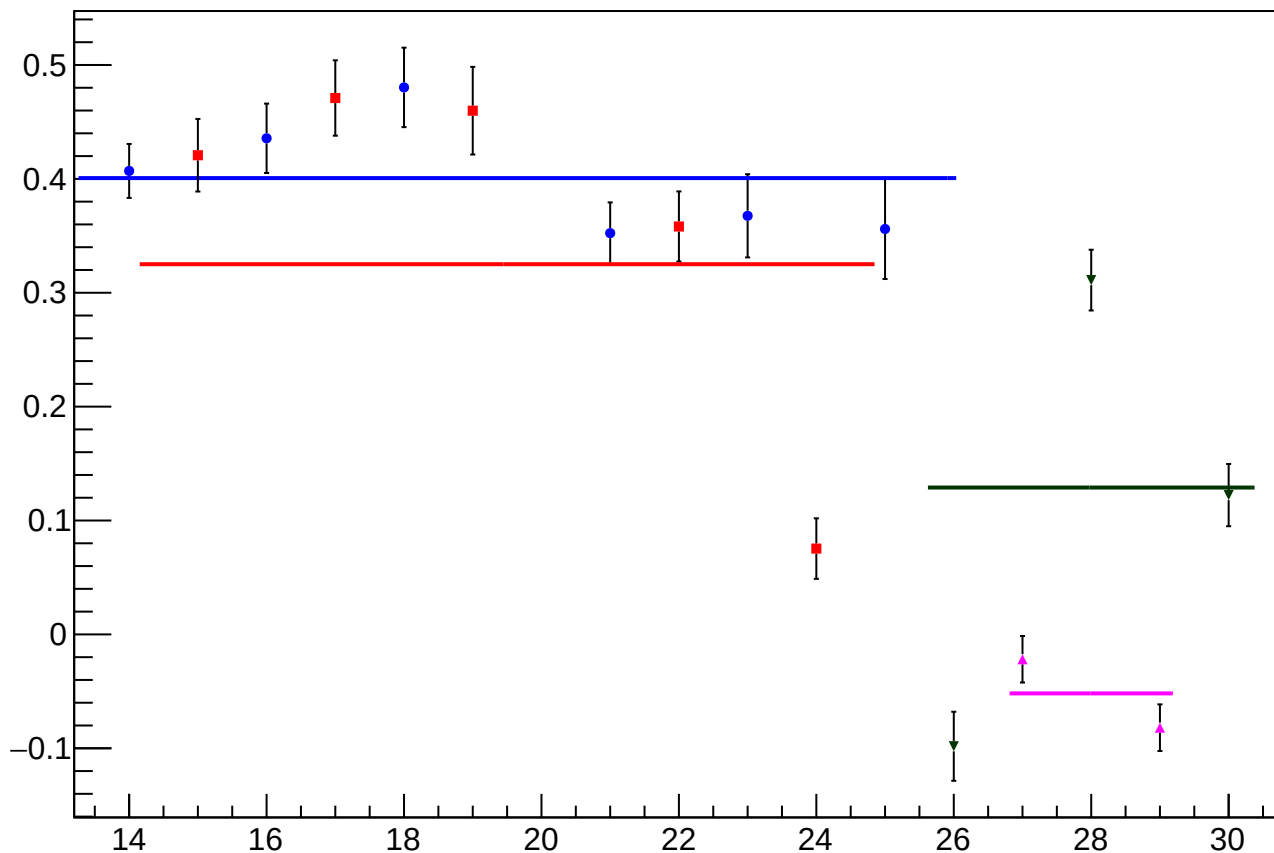
Right Out: -0.691+/-0.018 χ^2/NDF : 187.4/4

Left In: -0.474+/-0.021 χ^2/NDF : 51.7/1

-0.675+/-0.013 χ^2/NDF : 340.6/8

-0.597+/-0.014 χ^2/NDF : 299.8/6

reg_asym_left_dd_diff_bpm4aY_slope vs slug



Right In: 0.401 ± 0.013 χ^2/NDF : 11.7/5

Left Out: 0.129 ± 0.016 χ^2/NDF : 102.8/2

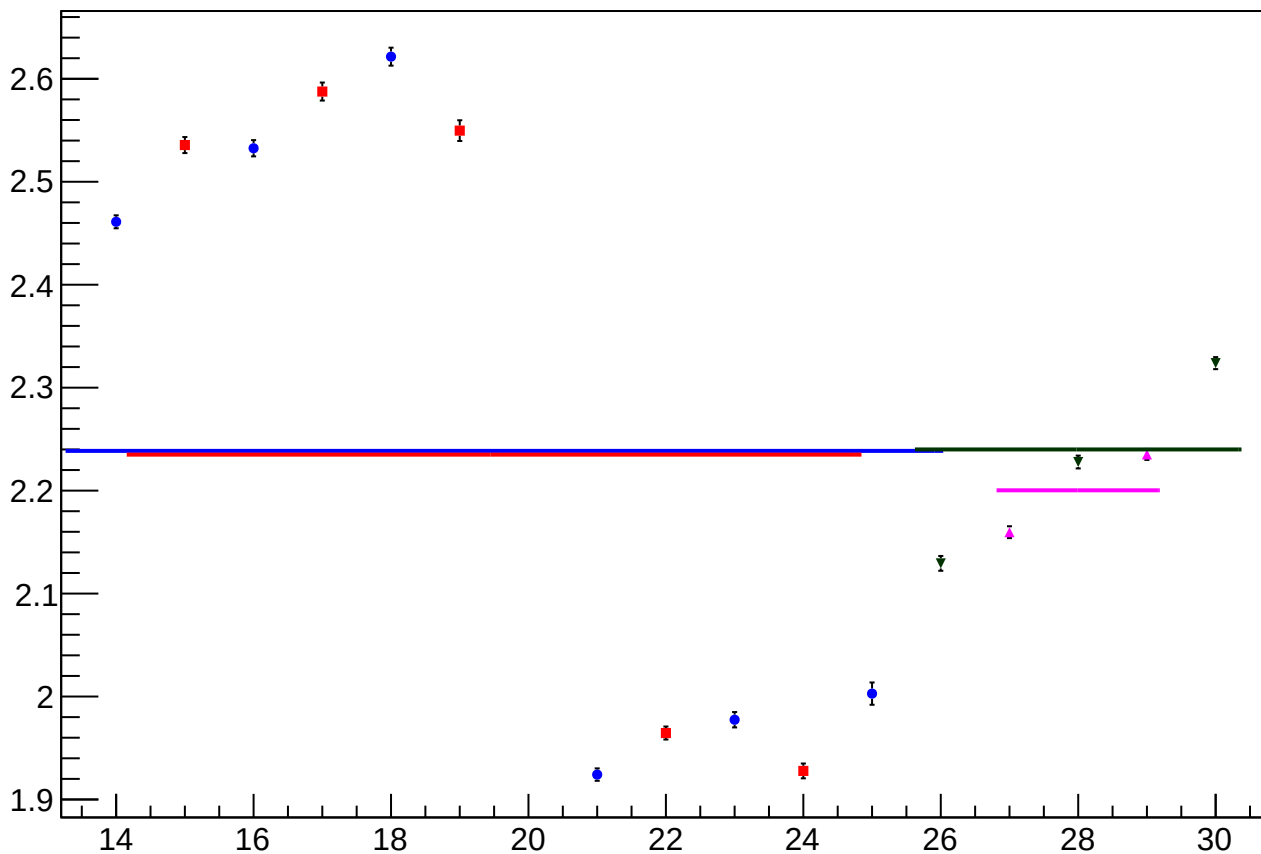
Right Out: 0.325 ± 0.014 χ^2/NDF : 130.1/4

Left In: -0.052 ± 0.014 χ^2/NDF : 4.3/1

0.298 ± 0.010 χ^2/NDF : 290.6/8

0.142 ± 0.010 χ^2/NDF : 482.9/6

reg_asym_left_dd_diff_bpm4eX_slope vs slug



Right In: 2.239+/-0.003 χ^2/NDF : 8967.3/5

Left Out: 2.240+/-0.004 χ^2/NDF : 445.8/2

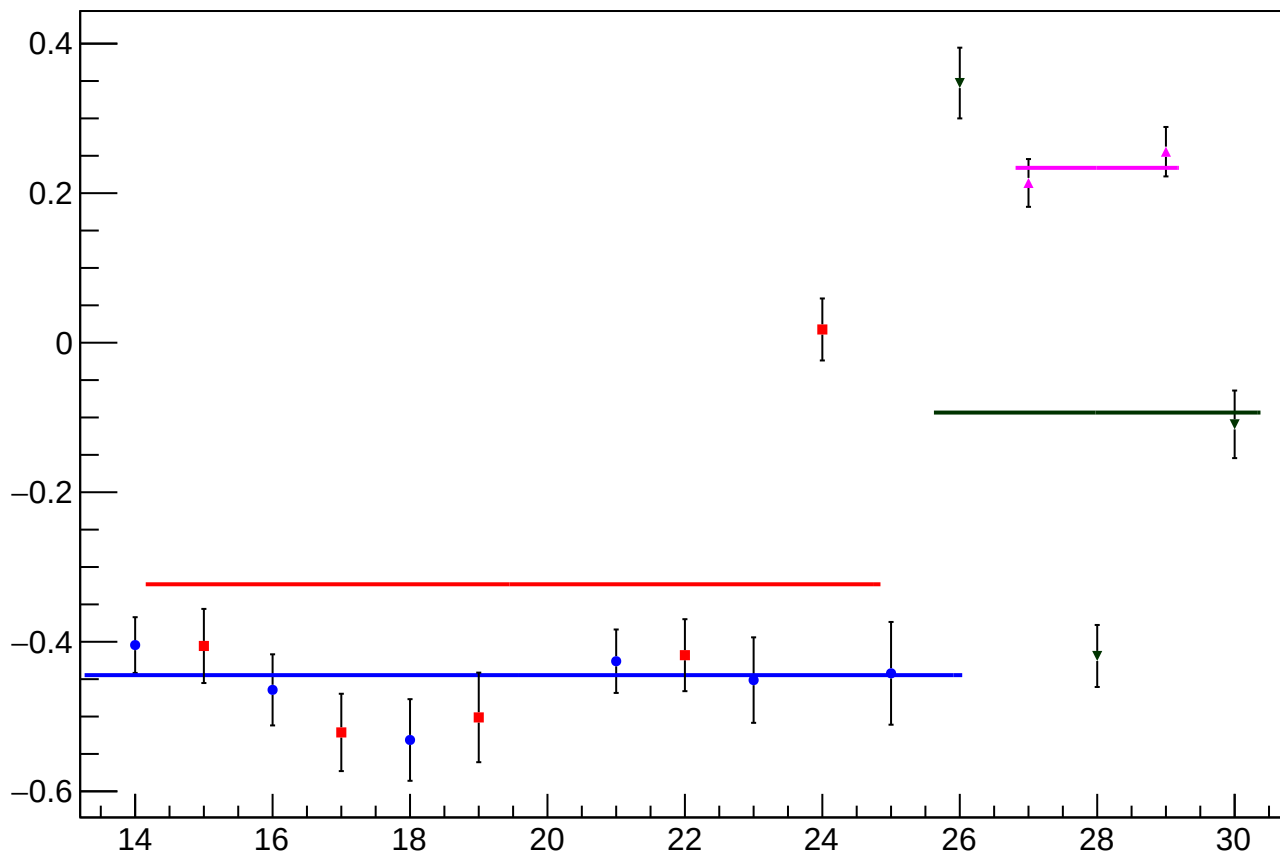
Right Out: 2.235+/-0.003 χ^2/NDF : 7732.1/4

Left In: 2.200+/-0.004 χ^2/NDF : 92.8/1

2.239+/-0.002 χ^2/NDF : 9413.1/8

2.220+/-0.003 χ^2/NDF : 7869.0/6

reg_asym_left_dd_diff_bpm4eY_slope vs slug



Right In: -0.445 ± 0.020 $\chi^2/\text{NDF}: 4.1/5$

Left Out: -0.093 ± 0.026 $\chi^2/\text{NDF}: 148.5/2$

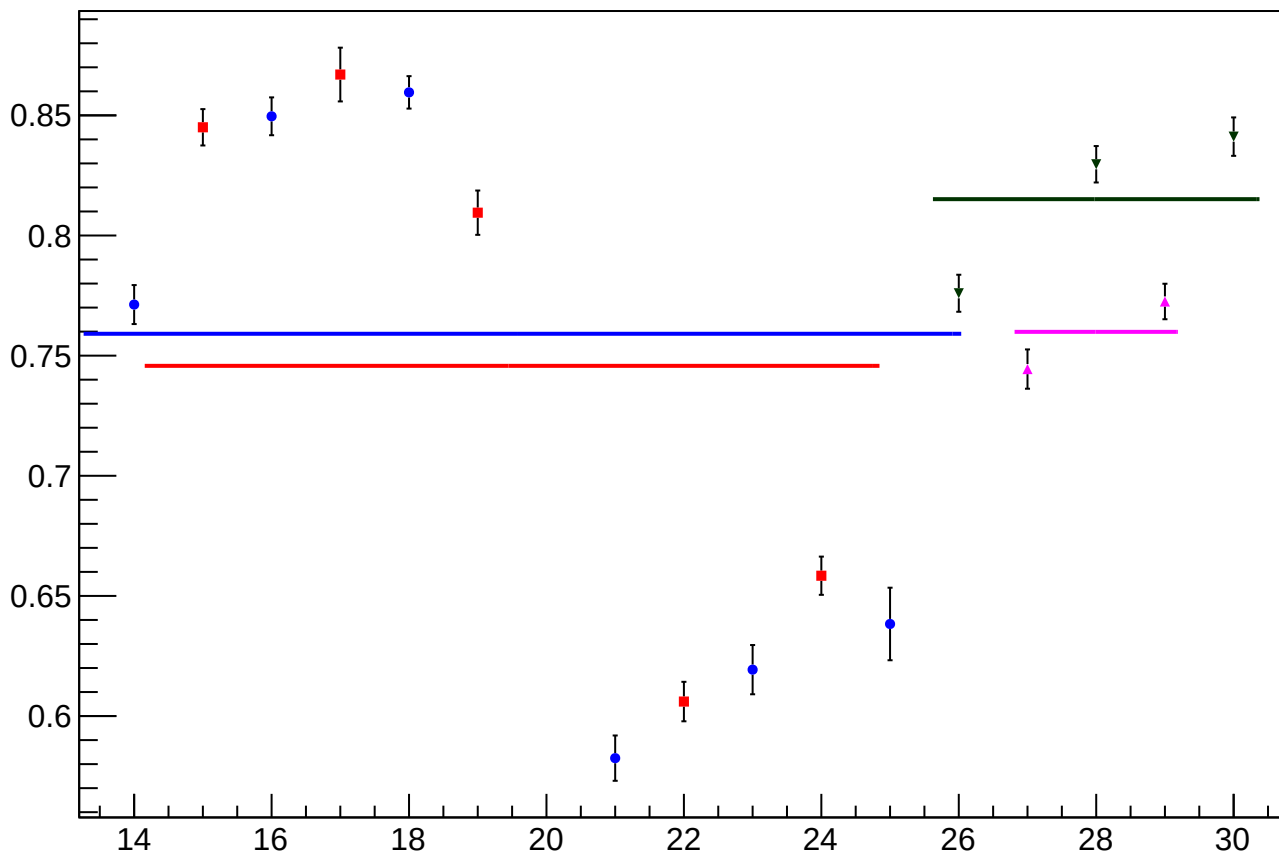
Right Out: -0.323 ± 0.022 $\chi^2/\text{NDF}: 97.7/4$

Left In: 0.234 ± 0.023 $\chi^2/\text{NDF}: 0.8/1$

-0.314 ± 0.016 $\chi^2/\text{NDF}: 270.3/8$

-0.057 ± 0.016 $\chi^2/\text{NDF}: 405.5/6$

reg_asym_left_dd_diff_bpm11X_slope vs slug



Right In: 0.759±/0.004 χ^2/NDF : 956.5/5

Left Out: 0.815±/0.004 χ^2/NDF : 40.1/2

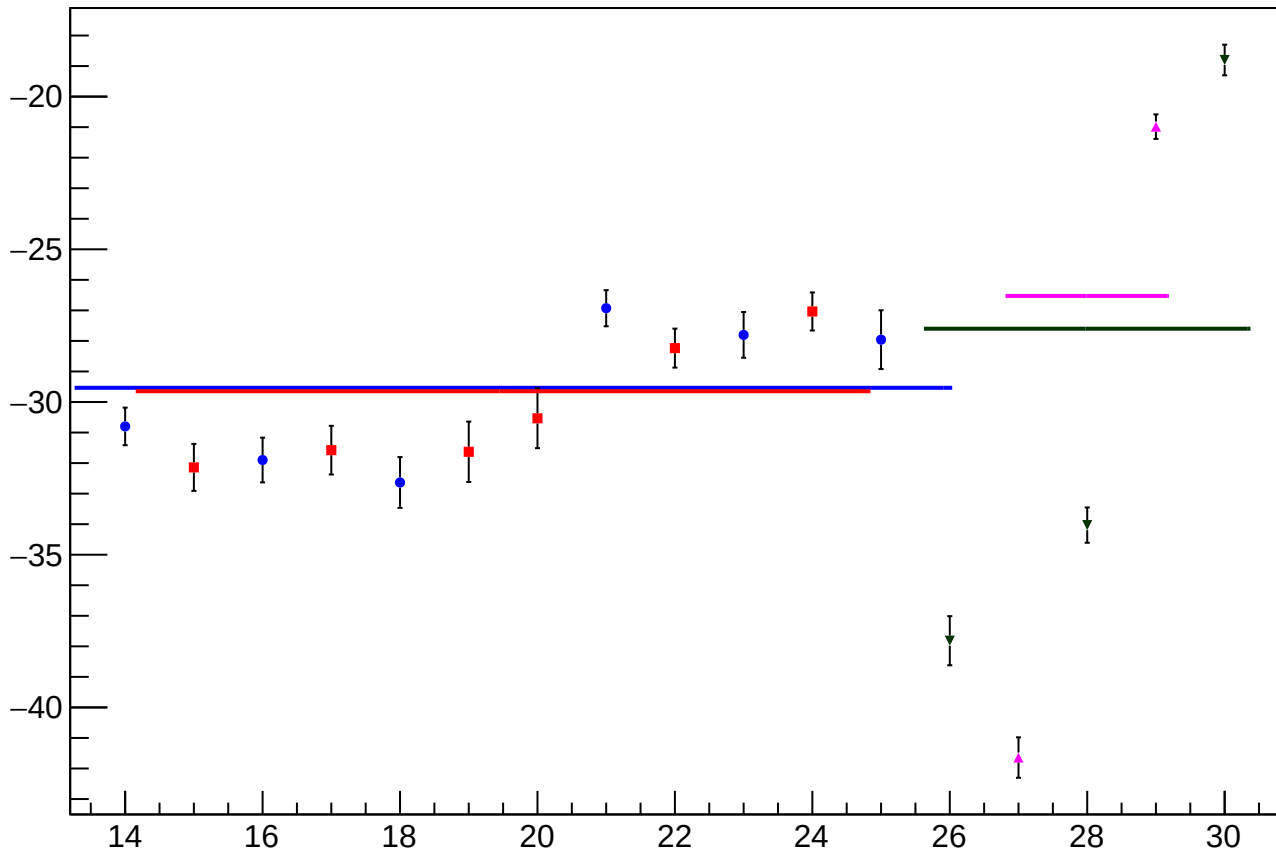
Right Out: 0.746±/0.004 χ^2/NDF : 747.4/4

Left In: 0.760±/0.005 χ^2/NDF : 6.5/1

0.781±/0.003 χ^2/NDF : 1092.3/8

0.750±/0.003 χ^2/NDF : 758.4/6

reg_asym_right_avg_diff_bpm4aX_slope vs slug



Right In: -29.534 $\pm$ 0.293 χ^2/NDF : 56.0/5

Left Out: -27.600 $\pm$ 0.343 χ^2/NDF : 593.1/2

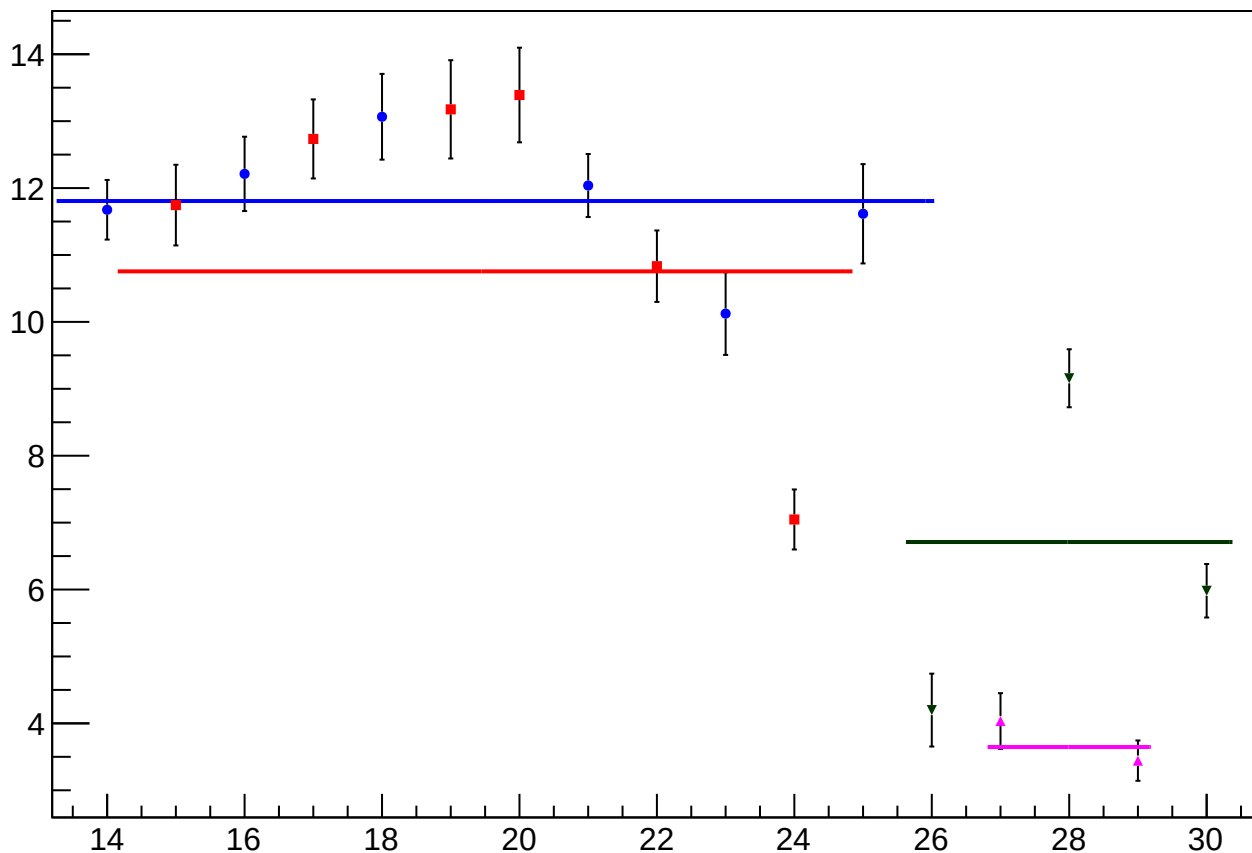
Right Out: -29.647 $\pm$ 0.311 χ^2/NDF : 43.7/5

Left In: -26.526 $\pm$ 0.343 χ^2/NDF : 711.3/1

-28.719 $\pm$ 0.223 χ^2/NDF : 667.5/8

-28.242 $\pm$ 0.230 χ^2/NDF : 800.5/7

reg_asym_right_avg_diff_bpm4aY_slope vs slug



Right In: 11.807 $\pm$ 0.226 χ^2 /NDF: 12.2/5

Left Out: 6.710 $\pm$ 0.259 χ^2 /NDF: 56.5/2

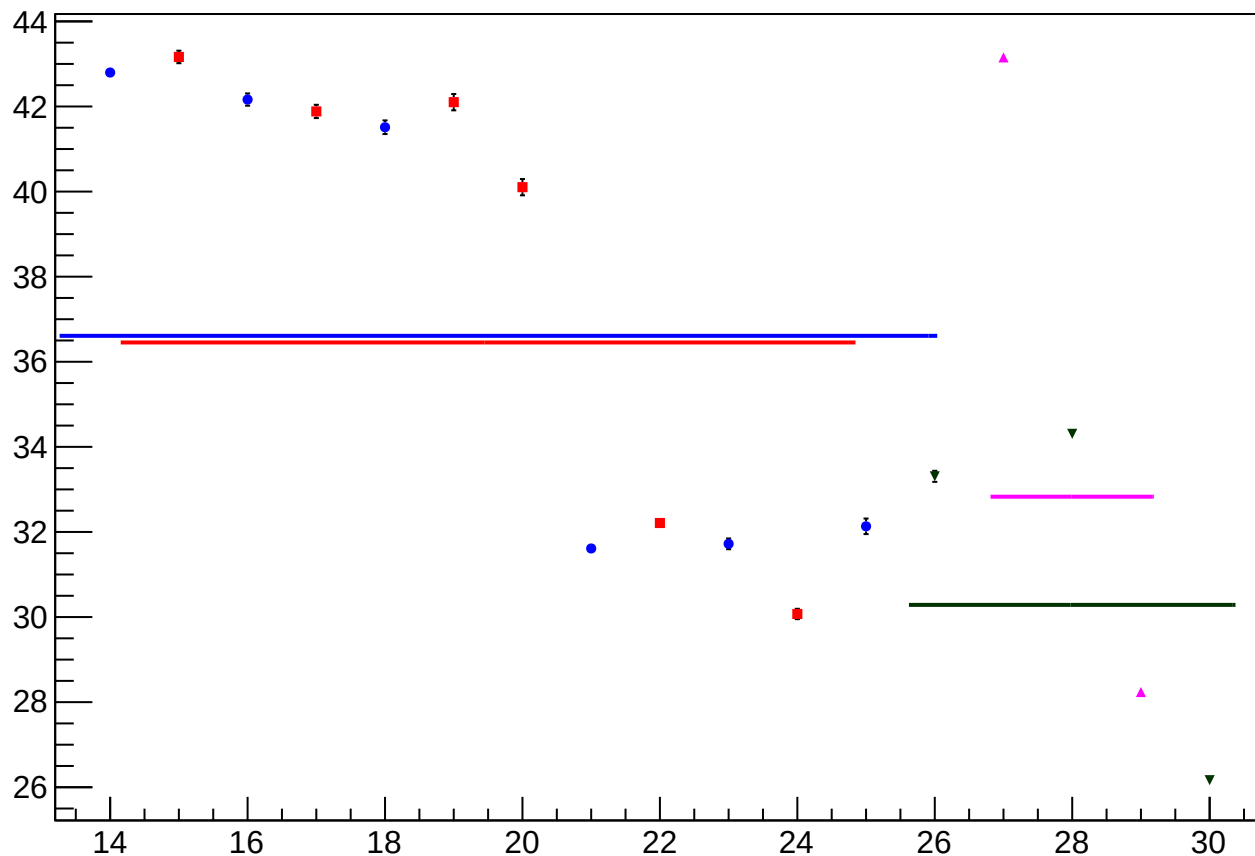
Right Out: 10.755 $\pm$ 0.236 χ^2 /NDF: 107.0/5

Left In: 3.647 $\pm$ 0.244 χ^2 /NDF: 1.3/1

9.605 $\pm$ 0.170 χ^2 /NDF: 289.3/8

7.319 $\pm$ 0.170 χ^2 /NDF: 546.7/7

reg_asym_right_avg_diff_bpm4eX_slope vs slug



Right In: 36.610 $\pm$ 0.054 χ^2/NDF : 9544.3/5

Left Out: 30.286 $\pm$ 0.058 χ^2/NDF : 4495.1/2

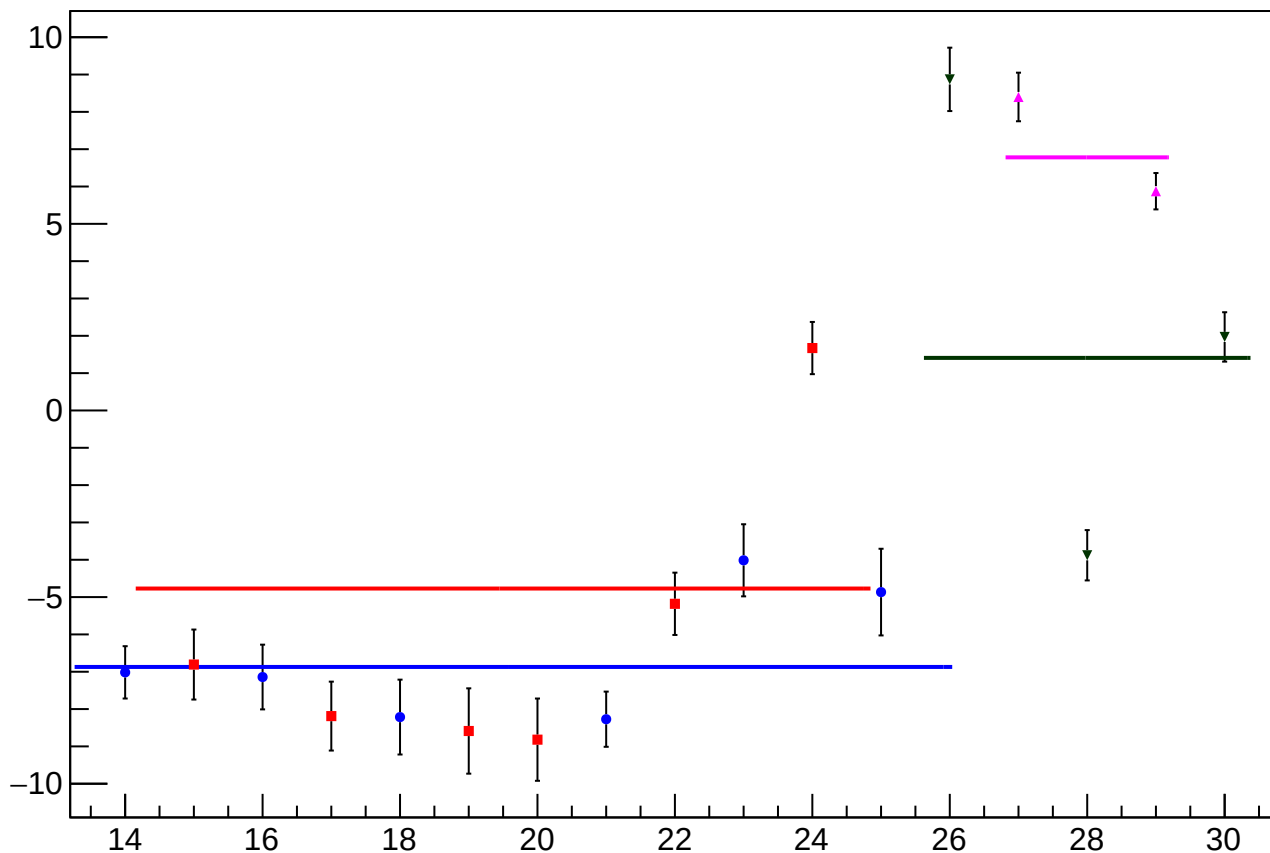
Right Out: 36.454 $\pm$ 0.058 χ^2/NDF : 8763.9/5

Left In: 32.829 $\pm$ 0.065 χ^2/NDF : 11231.8/1

33.676 $\pm$ 0.040 χ^2/NDF : 20401.5/8

34.831 $\pm$ 0.043 χ^2/NDF : 21715.0/7

reg_asym_right_avg_diff_bpm4eY_slope vs slug



Right In: -6.871 $\pm$ 0.353 χ^2 /NDF: 17.3/5

Left Out: 1.409 $\pm$ 0.413 χ^2 /NDF: 139.5/2

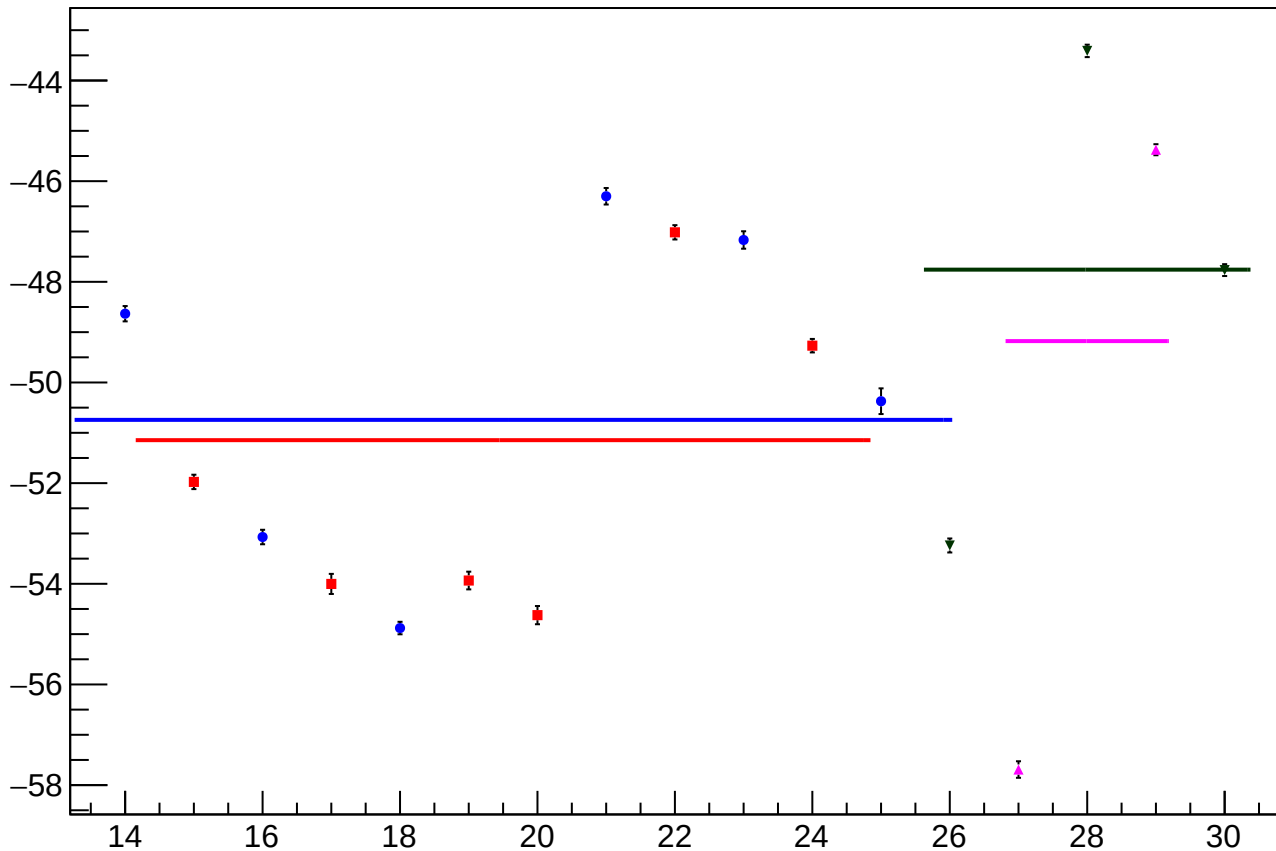
Right Out: -4.771 $\pm$ 0.368 χ^2 /NDF: 128.2/5

Left In: 6.781 $\pm$ 0.390 χ^2 /NDF: 9.6/1

-3.367 $\pm$ 0.268 χ^2 /NDF: 388.9/8

0.671 $\pm$ 0.268 χ^2 /NDF: 601.7/7

reg_asym_right_avg_diff_bpm11X_slope vs slug



Right In: -50.743 ± 0.064 $\chi^2/\text{NDF}: 2723.5/5$

Left Out: -47.758 ± 0.073 $\chi^2/\text{NDF}: 2786.8/2$

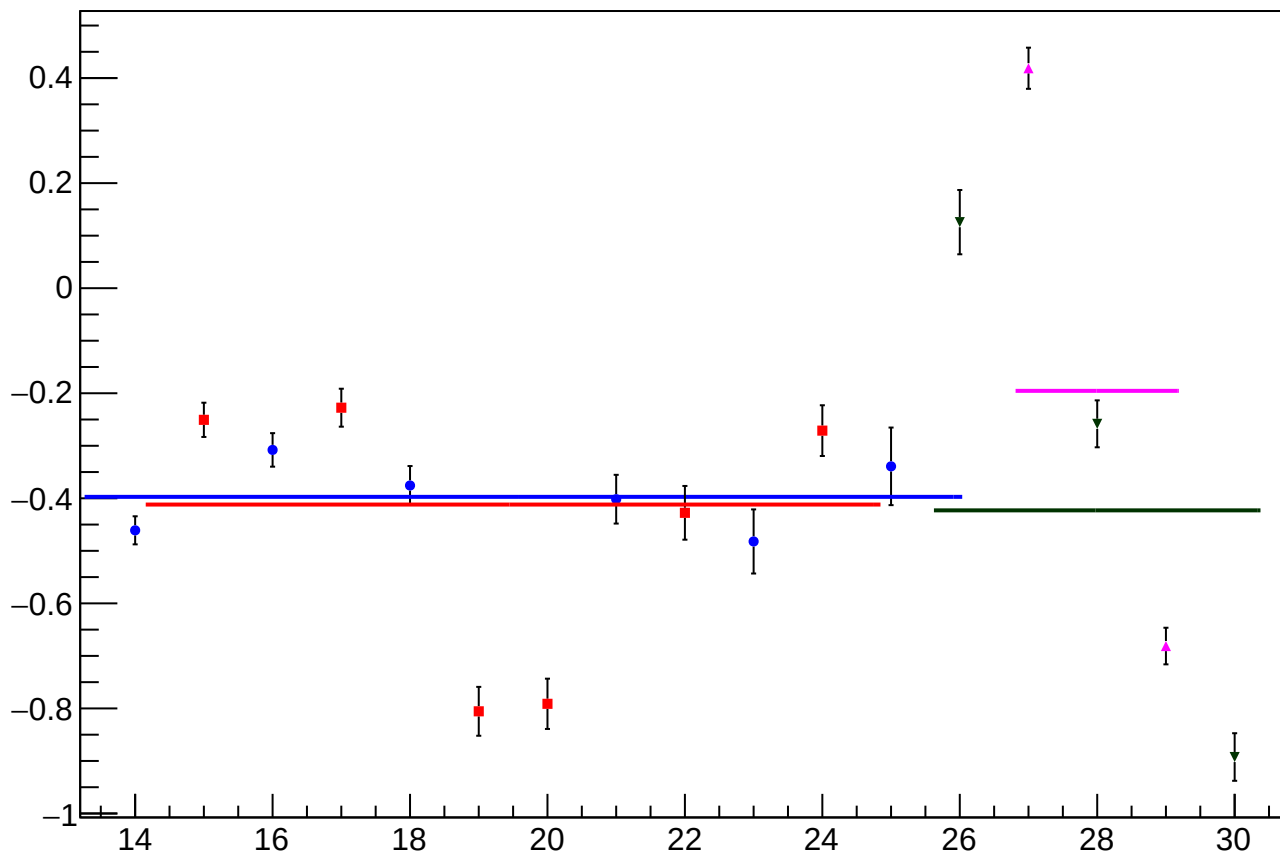
Right Out: -51.146 ± 0.064 $\chi^2/\text{NDF}: 1896.0/5$

Left In: -49.178 ± 0.091 $\chi^2/\text{NDF}: 3886.0/1$

-49.434 ± 0.048 $\chi^2/\text{NDF}: 6455.8/8$

-50.493 ± 0.053 $\chi^2/\text{NDF}: 6092.7/7$

reg_asym_right_dd_diff_bpm4aX_slope vs slug



Right In: -0.397 $\pm$ 0.016 χ^2 /NDF: 16.4/5

Left Out: -0.423 $\pm$ 0.028 χ^2 /NDF: 201.5/2

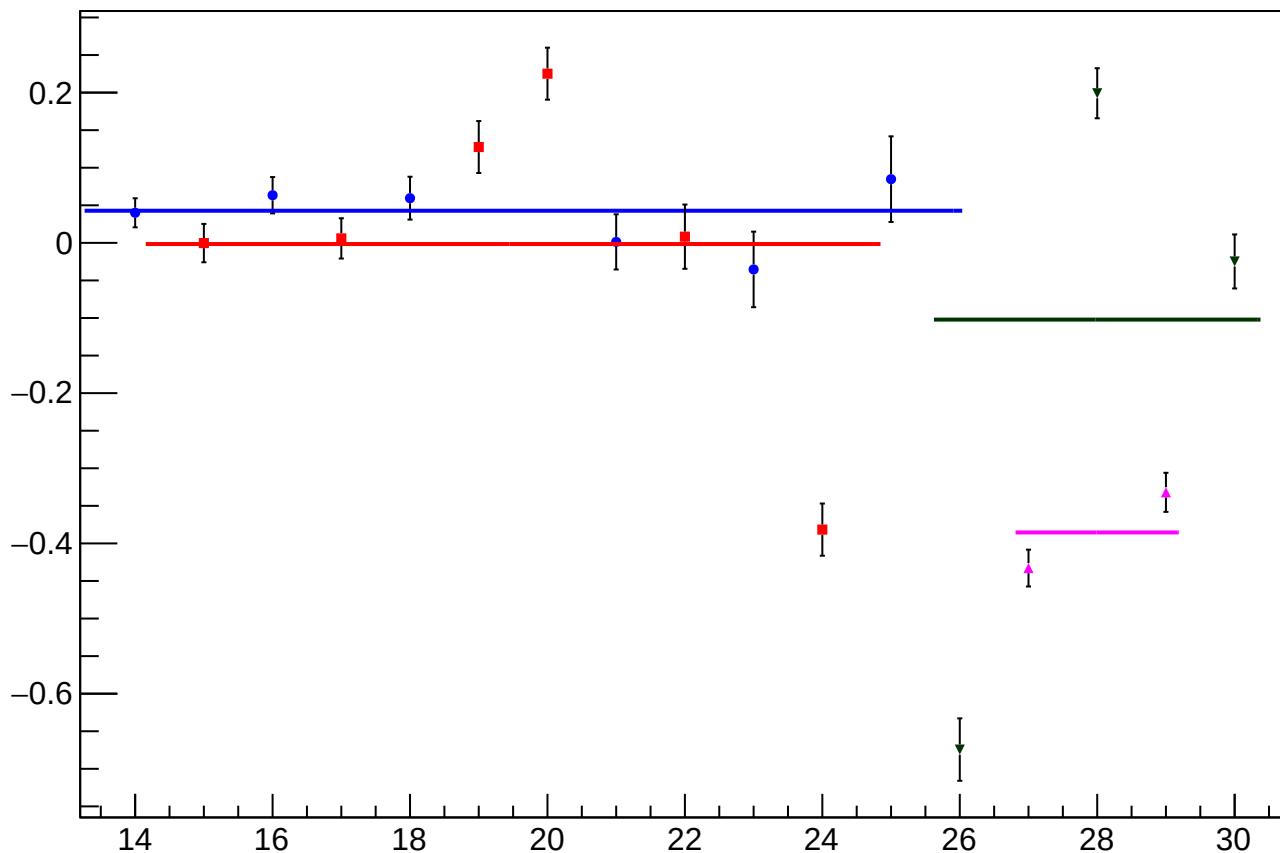
Right Out: -0.412 $\pm$ 0.017 χ^2 /NDF: 193.4/5

Left In: -0.195 $\pm$ 0.026 χ^2 /NDF: 440.2/1

-0.403 $\pm$ 0.014 χ^2 /NDF: 218.6/8

-0.347 $\pm$ 0.014 χ^2 /NDF: 681.9/7

reg_asym_right_dd_diff_bpm4aY_slope vs slug



Right In: 0.043 ± 0.012 $\chi^2/\text{NDF}: 5.3/5$

Left Out: -0.102 ± 0.021 $\chi^2/\text{NDF}: 276.2/2$

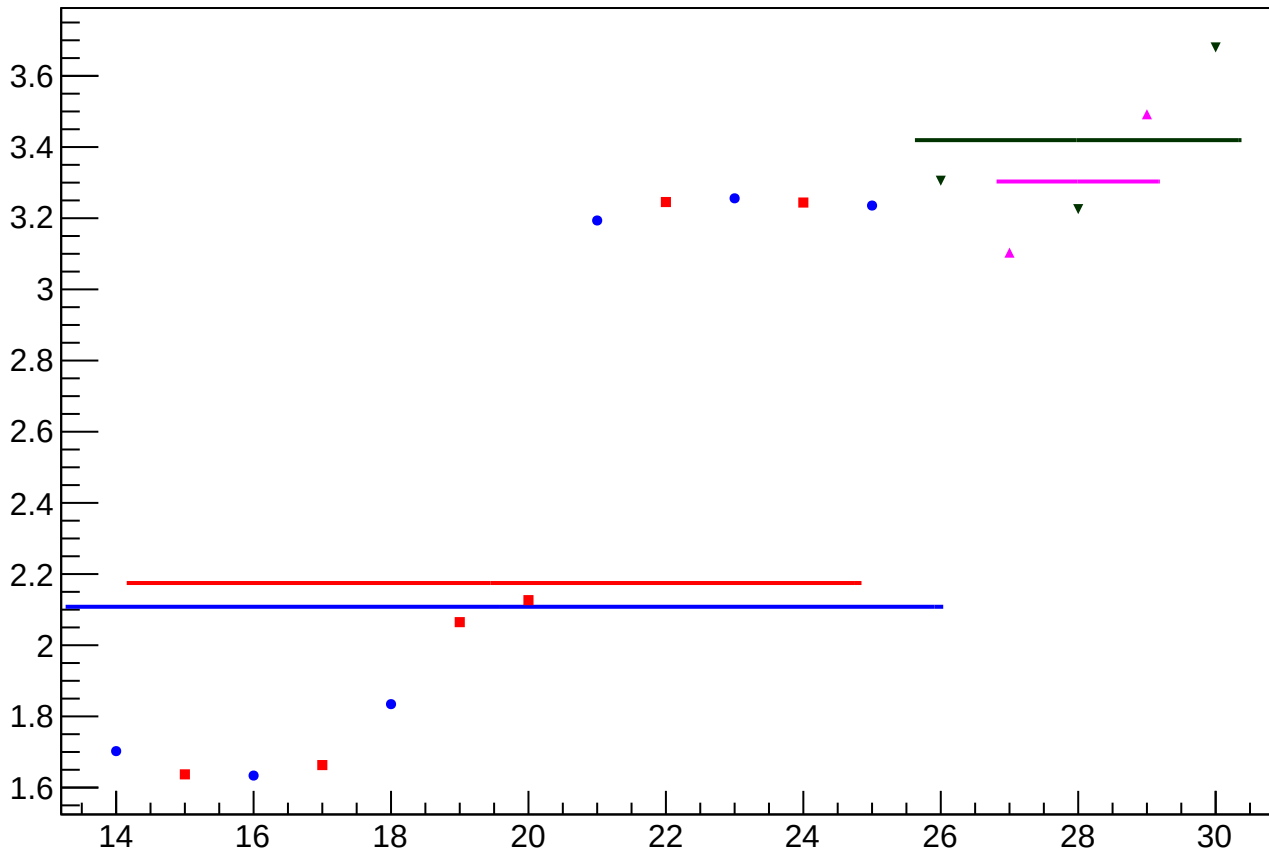
Right Out: -0.002 ± 0.013 $\chi^2/\text{NDF}: 176.7/5$

Left In: -0.385 ± 0.018 $\chi^2/\text{NDF}: 8.0/1$

0.008 ± 0.010 $\chi^2/\text{NDF}: 317.4/8$

-0.134 ± 0.010 $\chi^2/\text{NDF}: 488.2/7$

reg_asym_right_dd_diff_bpm4eX_slope vs slug



Right In: 2.108 $\pm$ 0.003 χ^2 /NDF: 49801.1/5

Left Out: 3.419 $\pm$ 0.005 χ^2 /NDF:1875.4/2

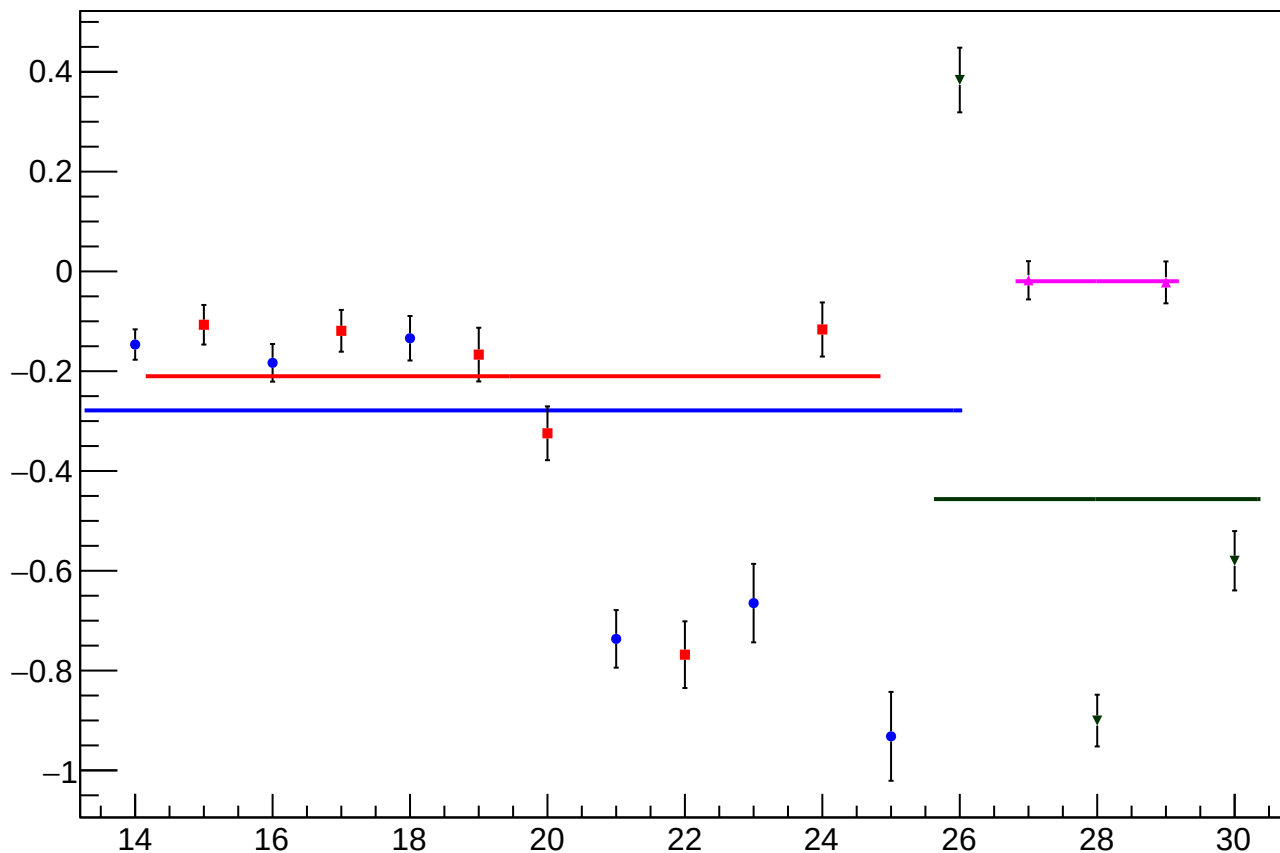
Right Out: 2.175 $\pm$ 0.003 χ^2 /NDF: 40494.9/5

Left In: 3.303 $\pm$ 0.005 χ^2 /NDF:1602.6/1

2.473 $\pm$ 0.003 χ^2 /NDF: 105257.7/8

2.527 $\pm$ 0.003 χ^2 /NDF: 79238.6/7

reg_asym_right_dd_diff_bpm4eY_slope vs slug



Right In: -0.279±/0.019 χ^2/NDF : 176.5/5

Left Out: -0.456±/0.033 χ^2/NDF : 245.7/2

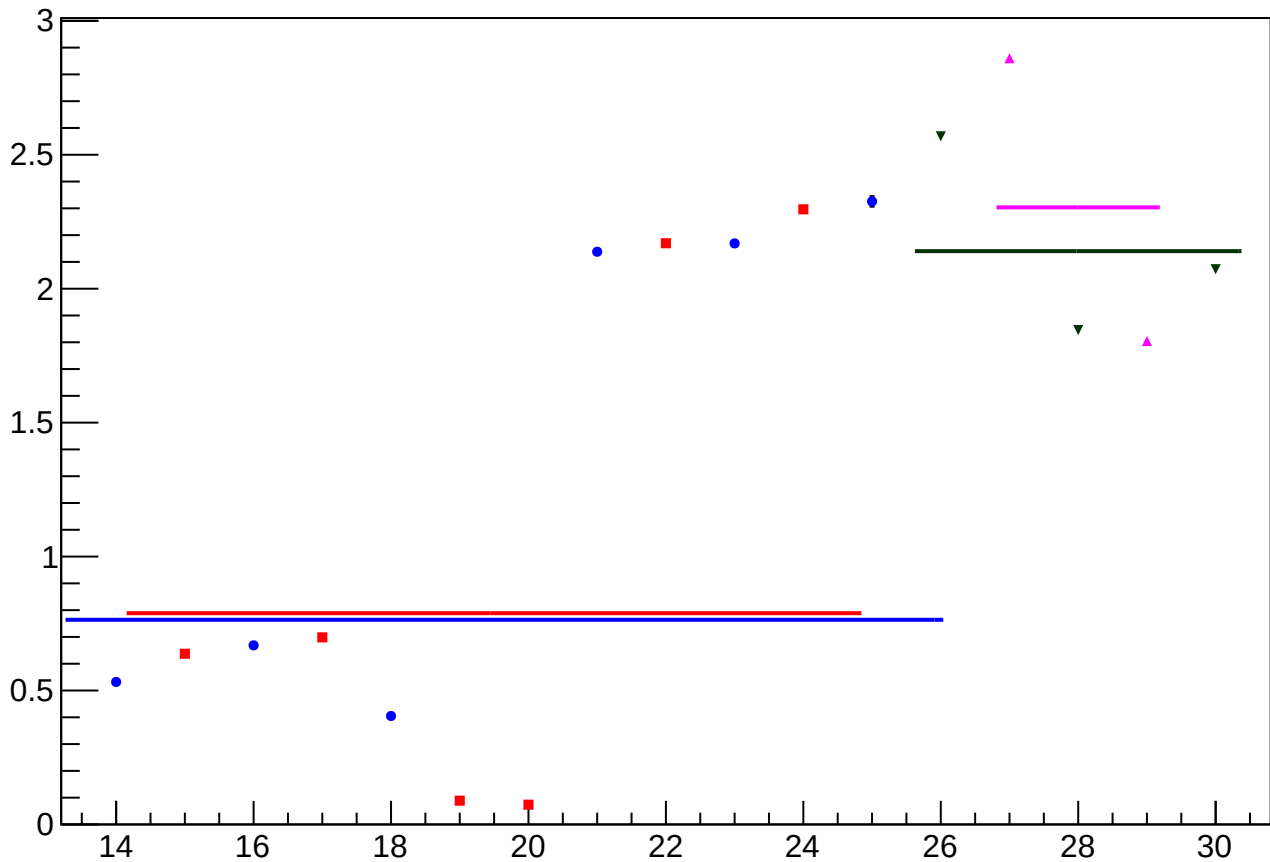
Right Out: -0.210±/0.020 χ^2/NDF : 89.3/5

Left In: -0.020±/0.028 χ^2/NDF : 0.0/1

-0.321±/0.016 χ^2/NDF : 443.7/8

-0.146±/0.016 χ^2/NDF : 119.4/7

reg_asym_right_dd_diff_bpm11X_slope vs slug



Right In: 0.764+/-0.003 χ^2/NDF : 33468.5/5

Left Out: 2.140+/-0.006 χ^2/NDF : 2627.2/2

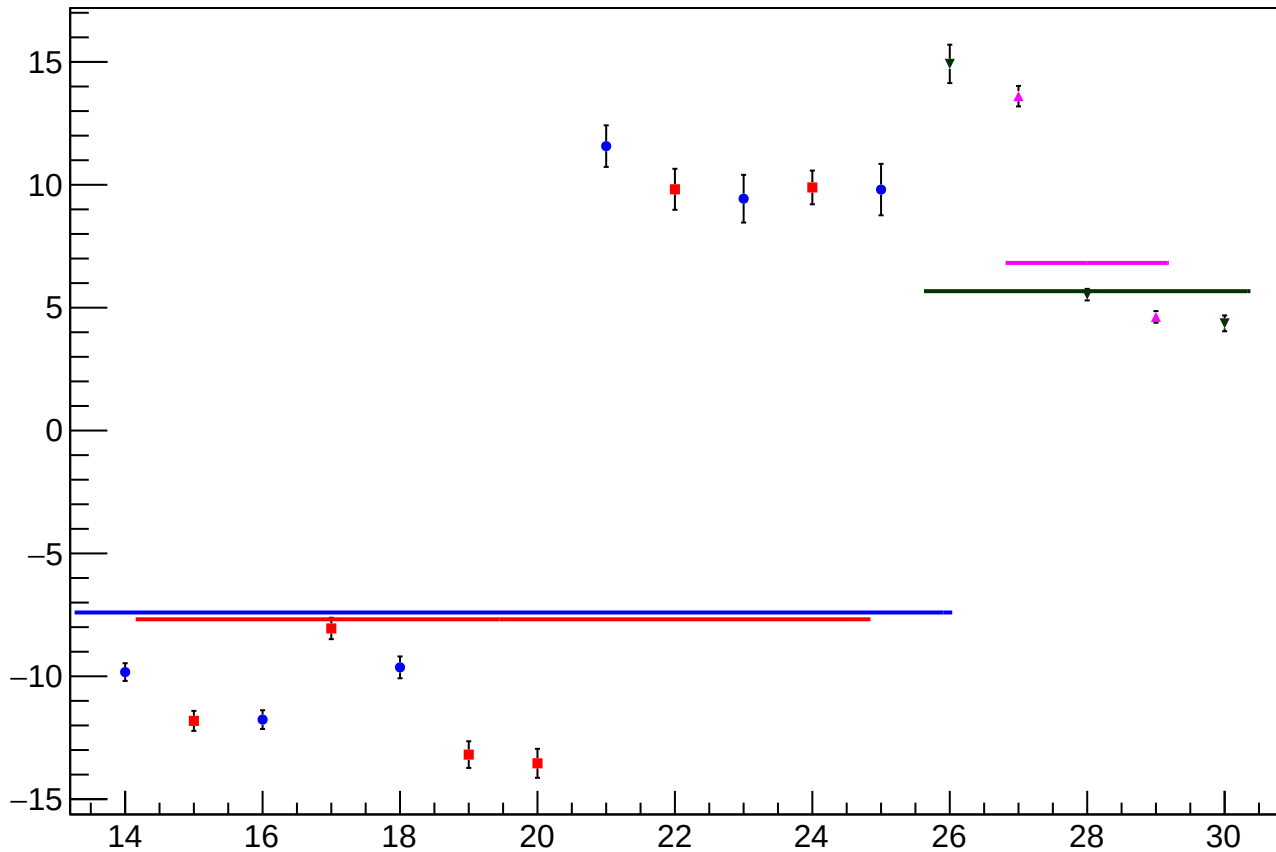
Right Out: 0.789+/-0.003 χ^2/NDF : 50030.8/5

Left In: 2.304+/-0.007 χ^2/NDF : 6005.4/1

1.083+/-0.003 χ^2/NDF : 77879.5/8

1.100+/-0.003 χ^2/NDF : 95464.9/7

reg_asym_sam_15_avg_diff_bpm4aX_slope vs slug



Right In: -7.403+/-0.208 χ^2/NDF : 1276.3/5

Left Out: 5.671+/-0.184 χ^2/NDF :156.8/2

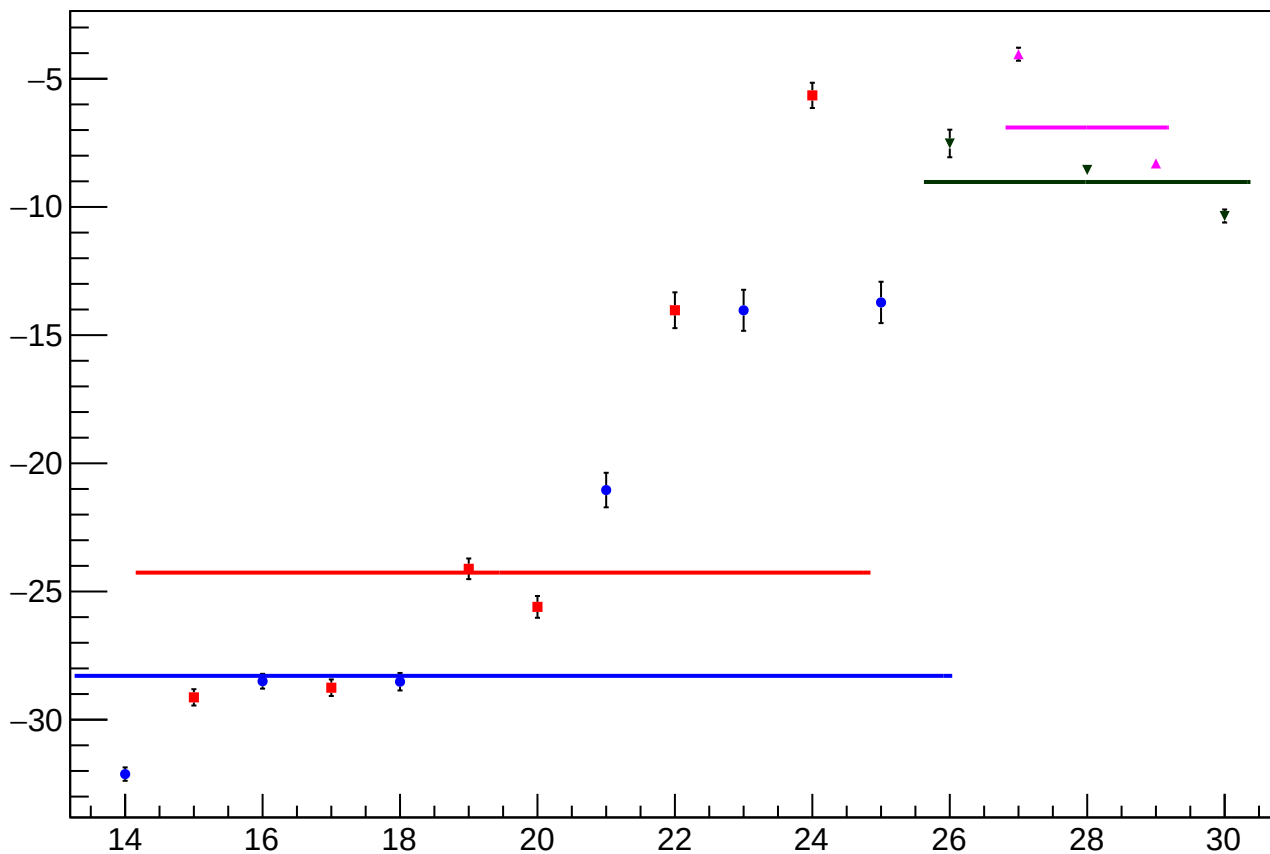
Right Out: -7.681+/-0.217 χ^2/NDF : 1403.3/5

Left In: 6.821+/-0.206 χ^2/NDF :350.9/1

-0.066+/-0.138 χ^2/NDF : 3643.7/8

-0.044+/-0.150 χ^2/NDF : 4098.1/7

reg_asym_sam_15_avg_diff_bpm4aY_slope vs slug



Right In: -28.290 $\pm$ 0.157 χ^2 /NDF: 975.1/5

Left Out: -9.026 $\pm$ 0.140 χ^2 /NDF:42.1/2

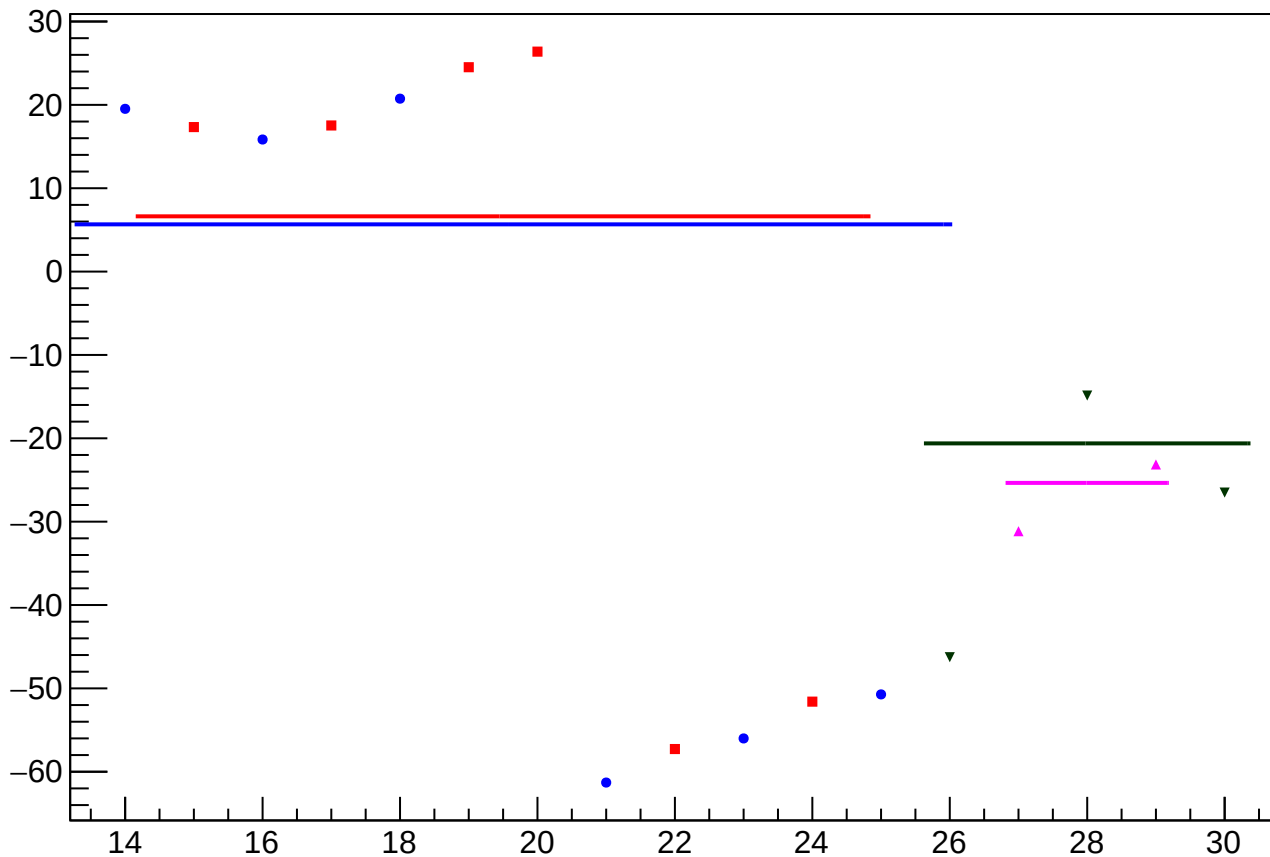
Right Out: -24.263 $\pm$ 0.164 χ^2 /NDF: 2077.7/5

Left In: -6.900 $\pm$ 0.146 χ^2 /NDF:187.8/1

-17.540 $\pm$ 0.104 χ^2 /NDF: 9405.1/8

-14.597 $\pm$ 0.109 χ^2 /NDF: 8526.8/7

reg_asym_sam_15_avg_diff_bpm4eX_slope vs slug



Right In: 5.666±/0.040 χ^2/NDF : 512136.9/5

Left Out: -20.610±/0.032 χ^2/NDF : 71994.8/2

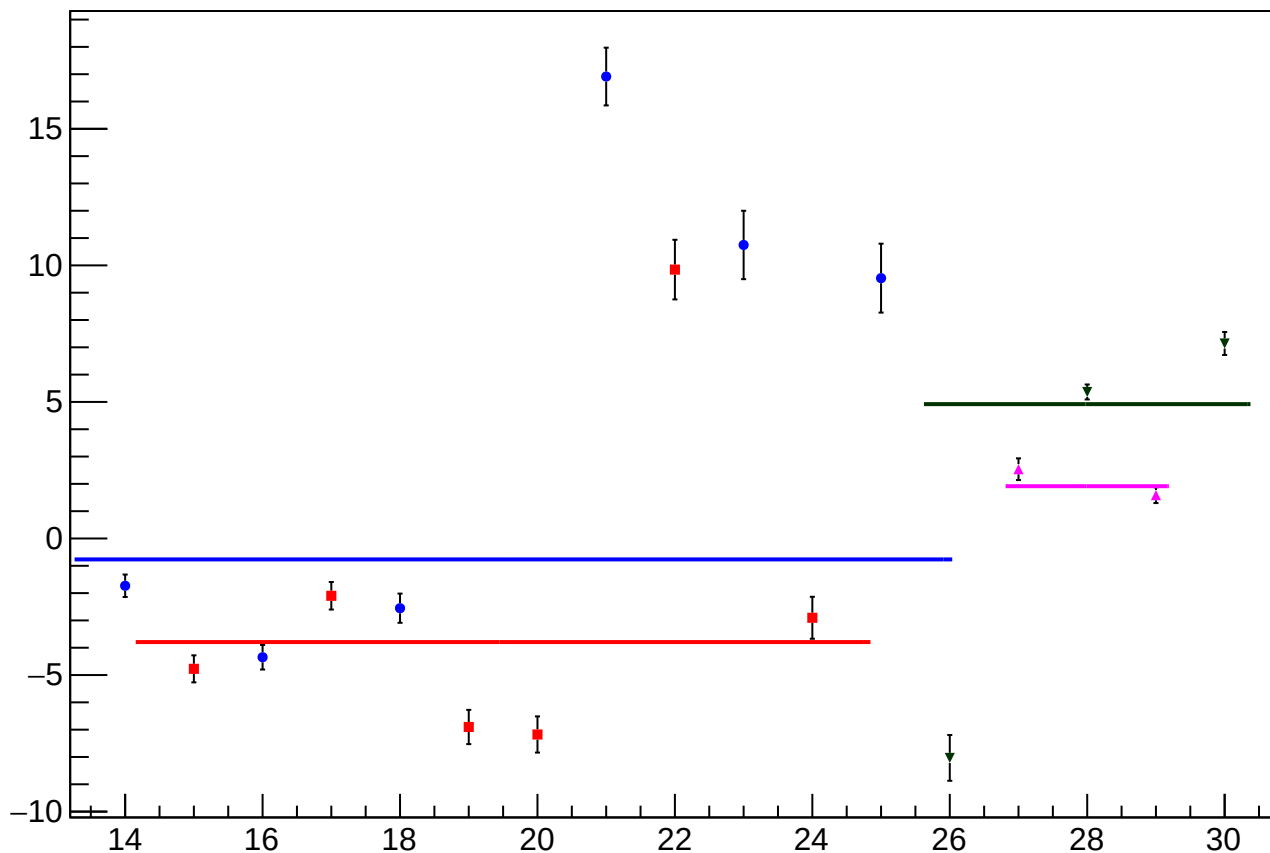
Right Out: 6.628±/0.042 χ^2/NDF : 480607.9/5

Left In: -25.350±/0.039 χ^2/NDF : 8345.2/1

-10.360±/0.025 χ^2/NDF : 848658.7/8

-10.411±/0.029 χ^2/NDF : 800069.0/7

reg_asym_sam_15_avg_diff_bpm4eY_slope vs slug



Right In: -0.766 ± 0.246 χ^2/NDF : 510.9/5

Left Out: 4.919 ± 0.222 χ^2/NDF : 269.5/2

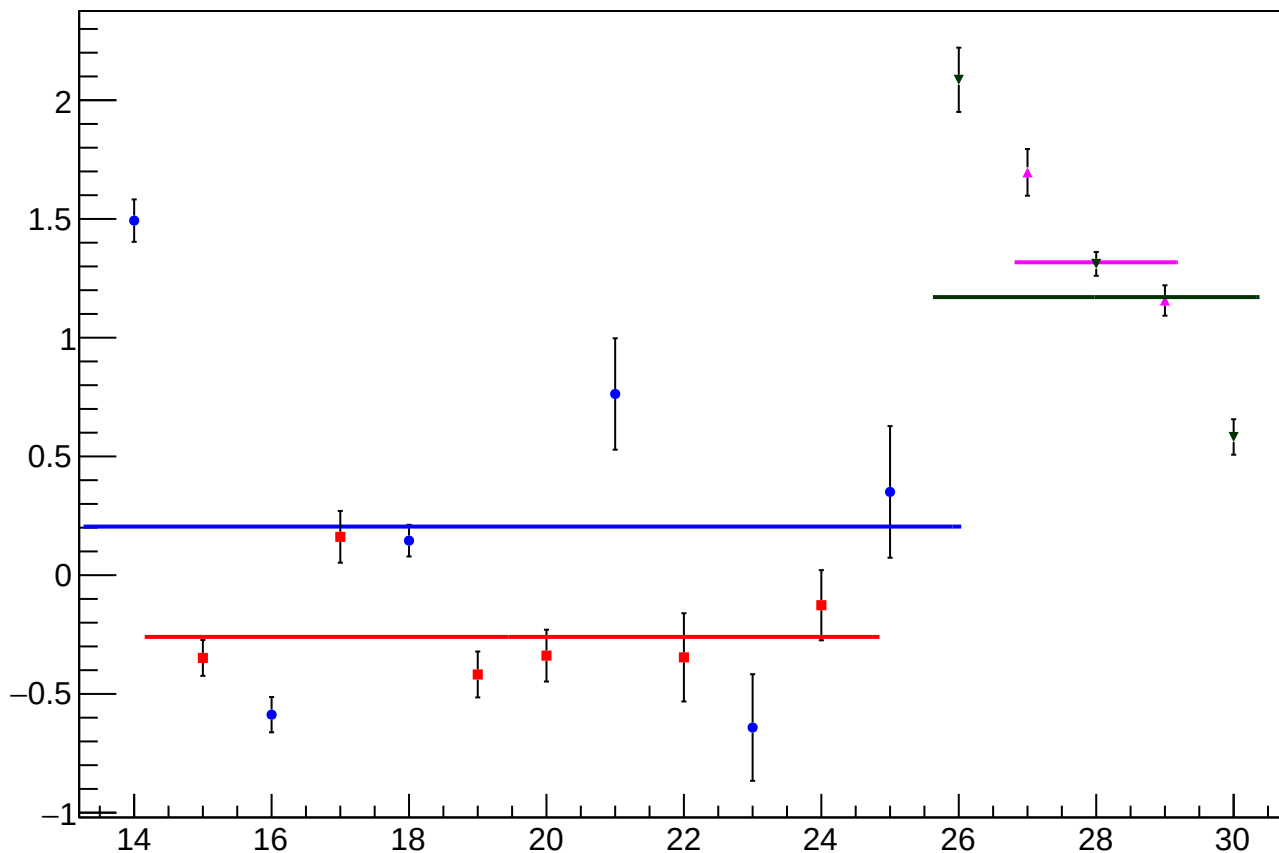
Right Out: -3.792 ± 0.255 χ^2/NDF : 223.4/5

Left In: 1.915 ± 0.234 χ^2/NDF : 3.7/1

2.372 ± 0.165 χ^2/NDF : 1075.3/8

-0.688 ± 0.172 χ^2/NDF : 499.5/7

reg_asym_sam_15_avg_diff_bpm11X_slope vs slug



Right In: 0.205 $\pm$ 0.041 χ^2 /NDF: 343.0/5

Left Out: 1.171 $\pm$ 0.040 χ^2 /NDF:115.7/2

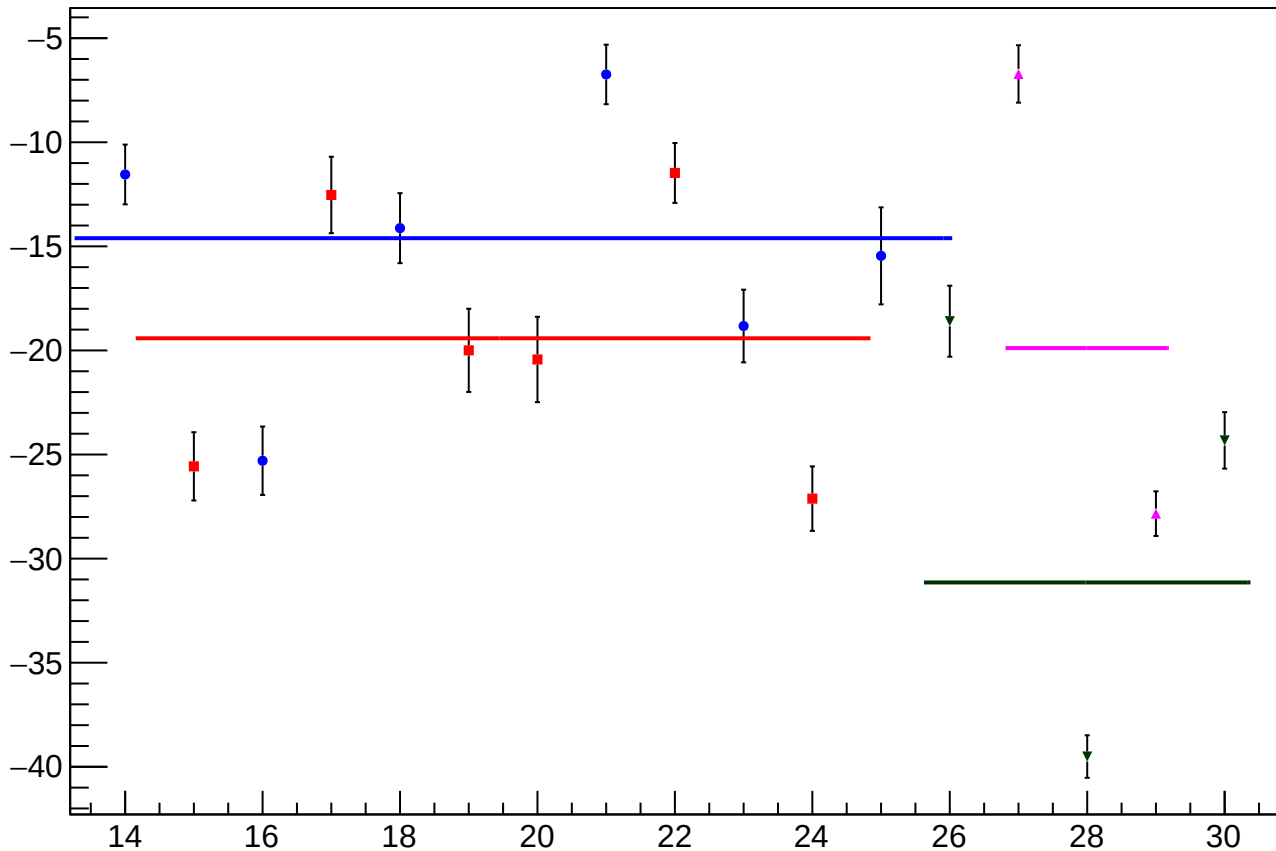
Right Out: -0.260 $\pm$ 0.044 χ^2 /NDF: 20.6/5

Left In: 1.317 $\pm$ 0.054 χ^2 /NDF:21.2/1

0.707 $\pm$ 0.029 χ^2 /NDF: 741.9/8

0.368 $\pm$ 0.034 χ^2 /NDF: 562.6/7

reg_asym_sam_15_dd_diff_bpm4aX_slope vs slug



Right In: -14.608 ± 0.672 χ^2/NDF : 83.2/5

Left Out: -31.145 ± 0.736 χ^2/NDF : 146.4/2

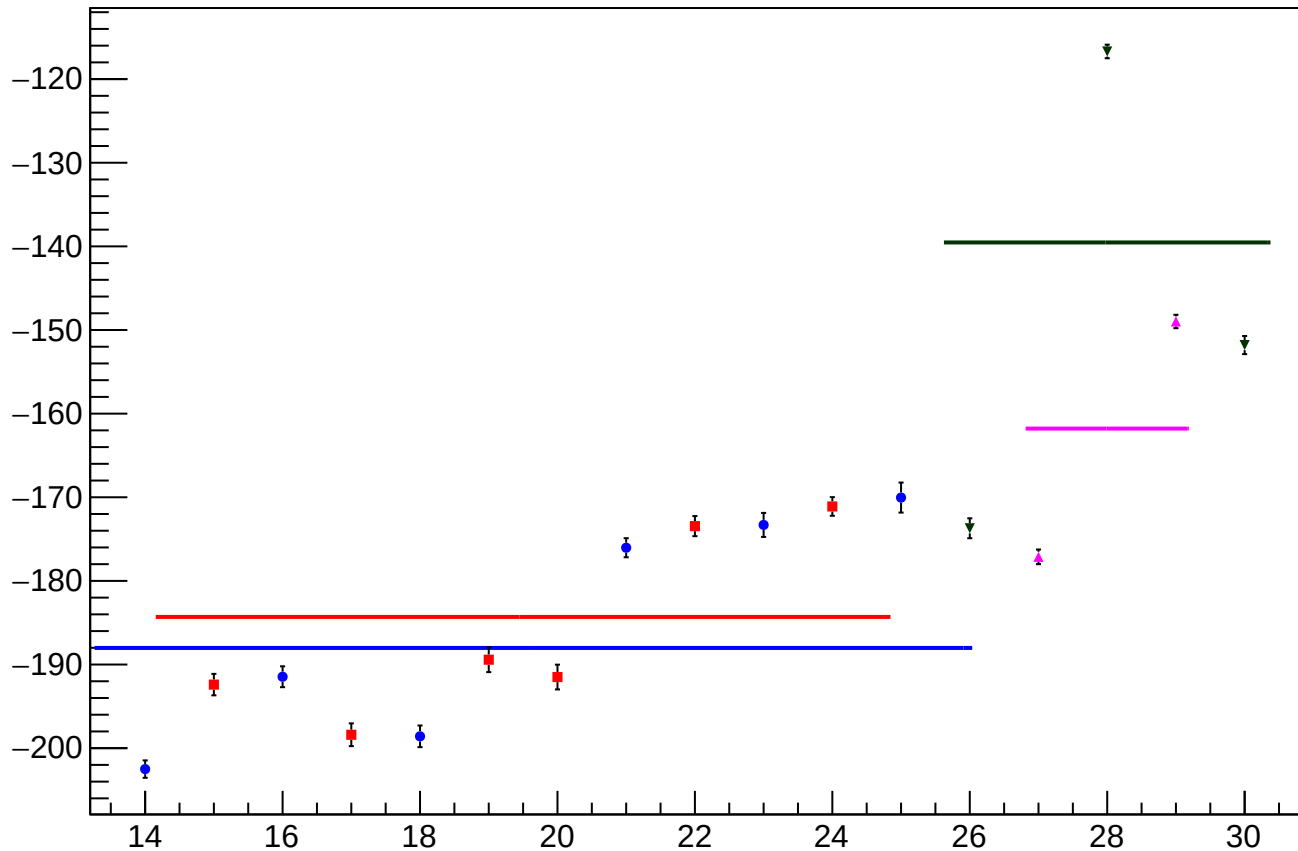
Right Out: -19.416 ± 0.697 χ^2/NDF : 83.7/5

Left In: -19.887 ± 0.847 χ^2/NDF : 146.2/1

-22.130 ± 0.497 χ^2/NDF : 504.7/8

-19.607 ± 0.538 χ^2/NDF : 230.0/7

reg_asym_sam_15_dd_diff_bpm4aY_slope vs slug



Right In: -188.015 $\pm$ 0.518 χ^2 /NDF: 582.8/5

Left Out: -139.532 $\pm$ 0.571 χ^2 /NDF:1741.3/2

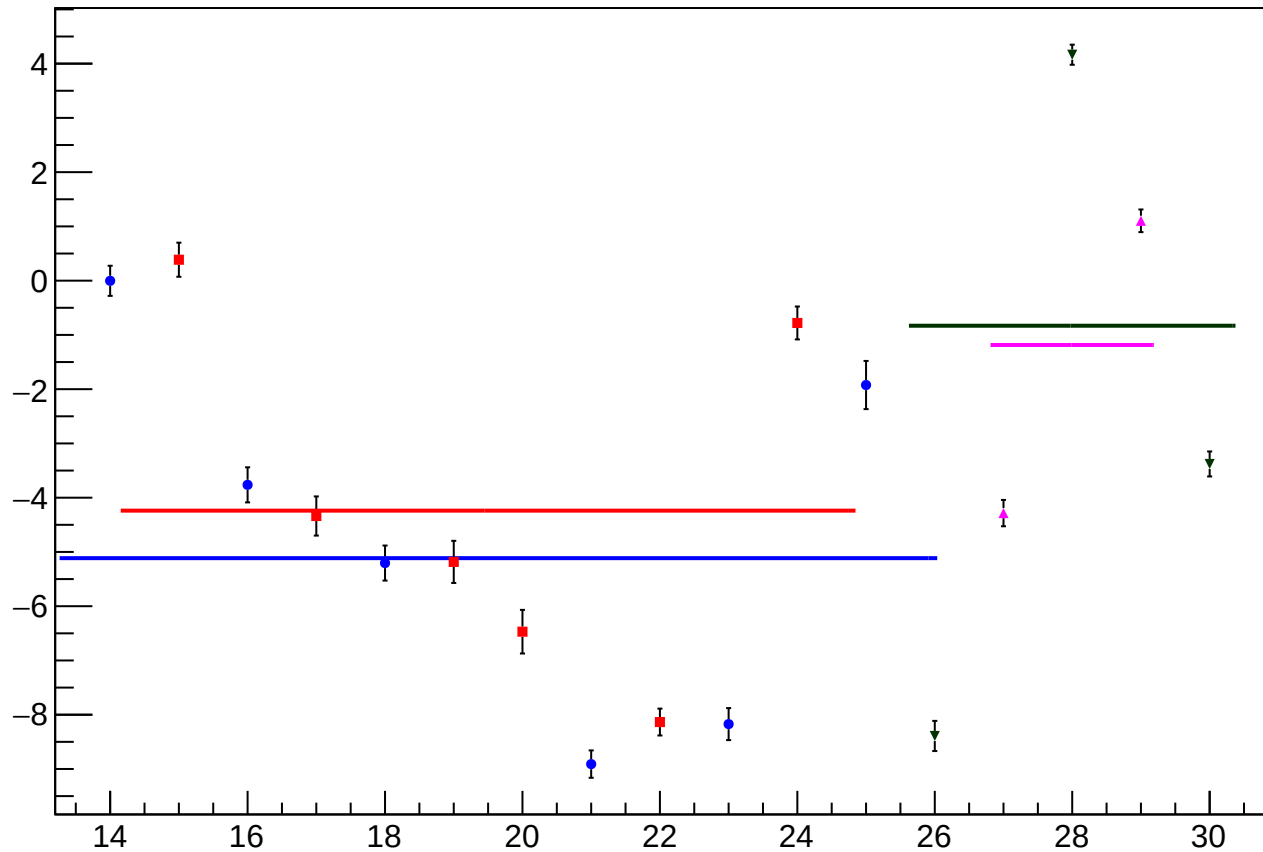
Right Out: -184.308 $\pm$ 0.530 χ^2 /NDF: 404.5/5

Left In: -161.786 $\pm$ 0.591 χ^2 /NDF:563.2/1

-166.097 $\pm$ 0.384 χ^2 /NDF: 6279.4/8

-174.251 $\pm$ 0.395 χ^2 /NDF: 1772.6/7

reg_asym_sam_15_dd_diff_bpm4eX_slope vs slug



Right In: -5.114 ± 0.125 χ^2/NDF : 742.2/5

Left Out: -0.831 ± 0.128 χ^2/NDF : 1591.4/2

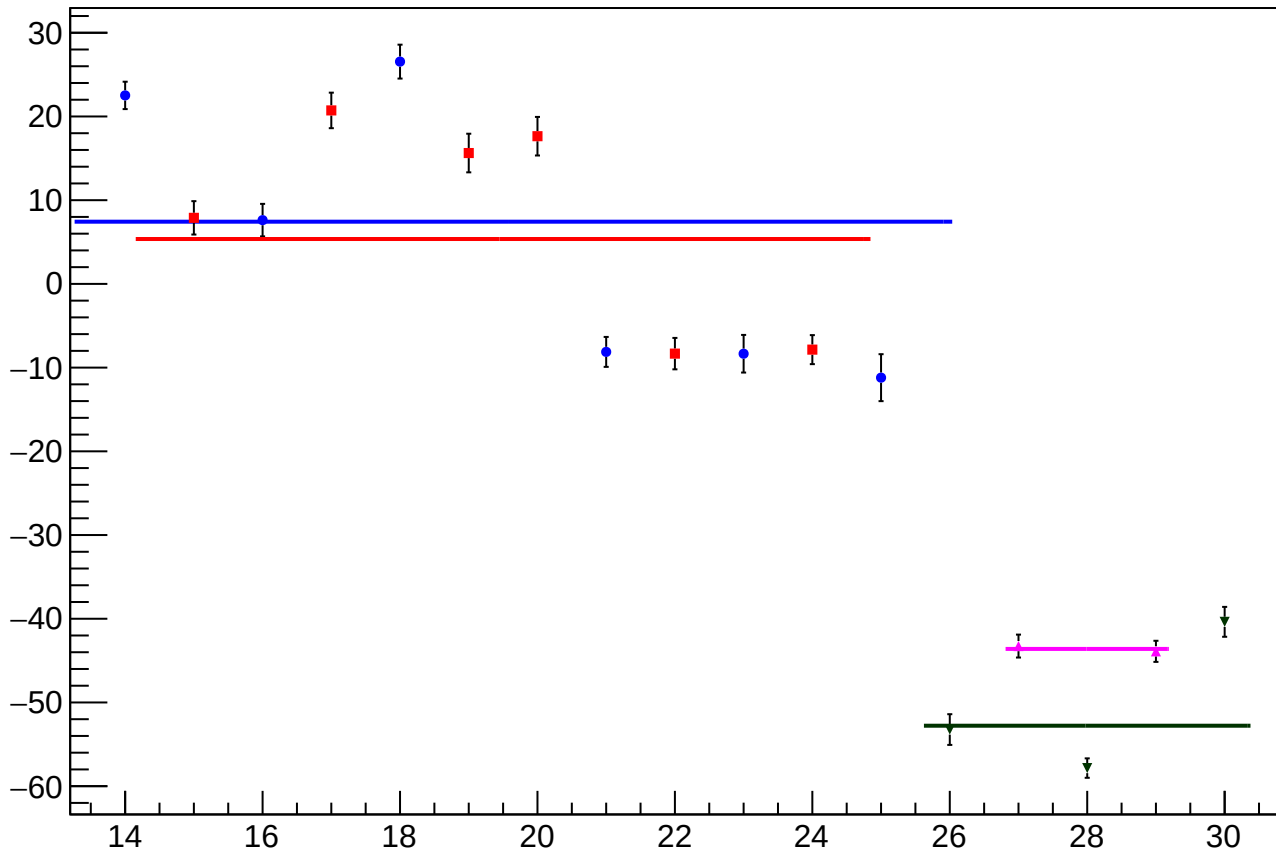
Right Out: -4.238 ± 0.132 χ^2/NDF : 631.0/5

Left In: -1.186 ± 0.158 χ^2/NDF : 283.0/1

-3.030 ± 0.089 χ^2/NDF : 2908.5/8

-2.992 ± 0.101 χ^2/NDF : 1134.0/7

reg_asym_sam_15_dd_diff_bpm4eY_slope vs slug



Right In: 7.431 ± 0.811 χ^2/NDF : 343.3/5

Left Out: -52.778 ± 0.860 χ^2/NDF : 67.4/2

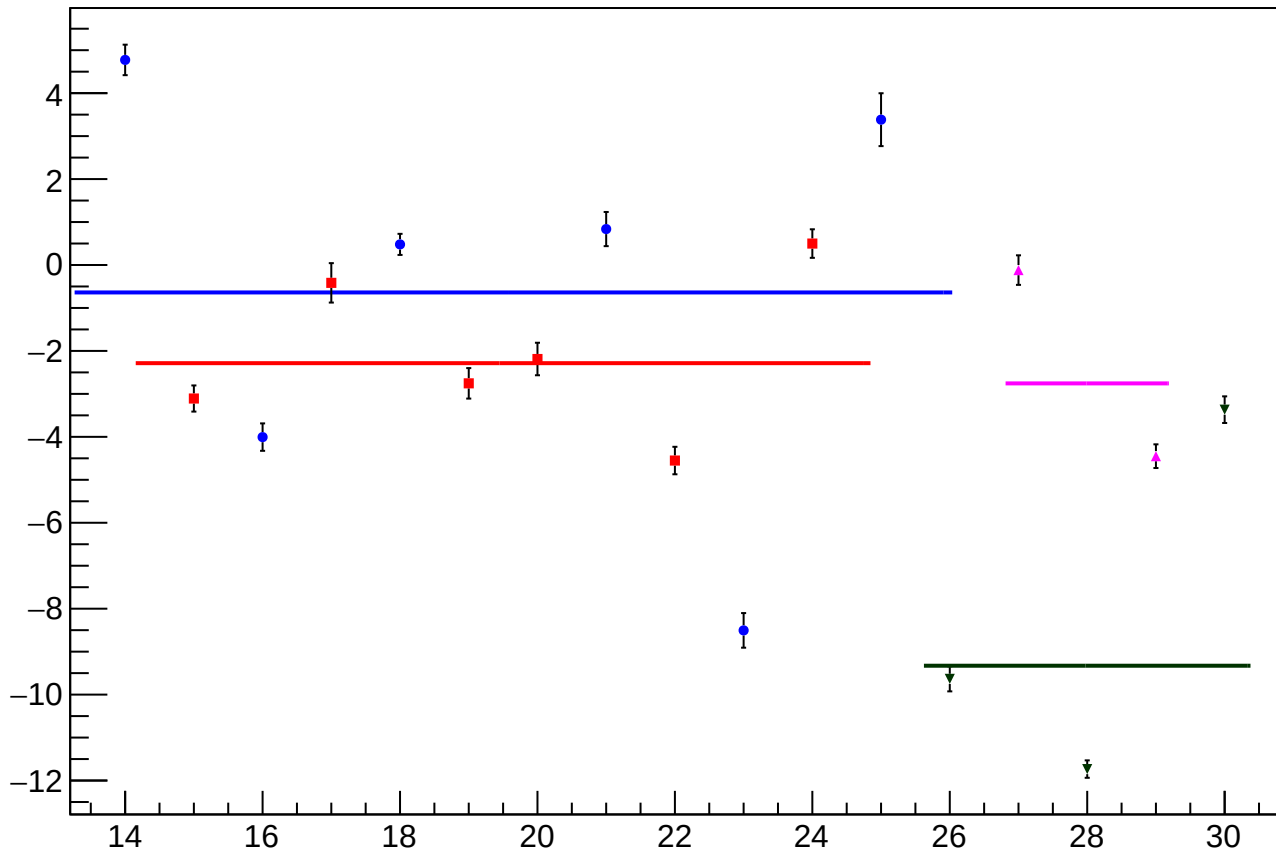
Right Out: 5.362 ± 0.826 χ^2/NDF : 213.6/5

Left In: -43.605 ± 0.927 χ^2/NDF : 0.1/1

-20.914 ± 0.590 χ^2/NDF : 3005.6/8

-16.286 ± 0.617 χ^2/NDF : 1768.8/7

reg_asym_sam_15_dd_diff_bpm11X_slope vs slug



Right In: -0.639+/-0.142 χ^2/NDF : 802.2/5

Left Out: -9.328+/-0.147 χ^2/NDF : 511.3/2

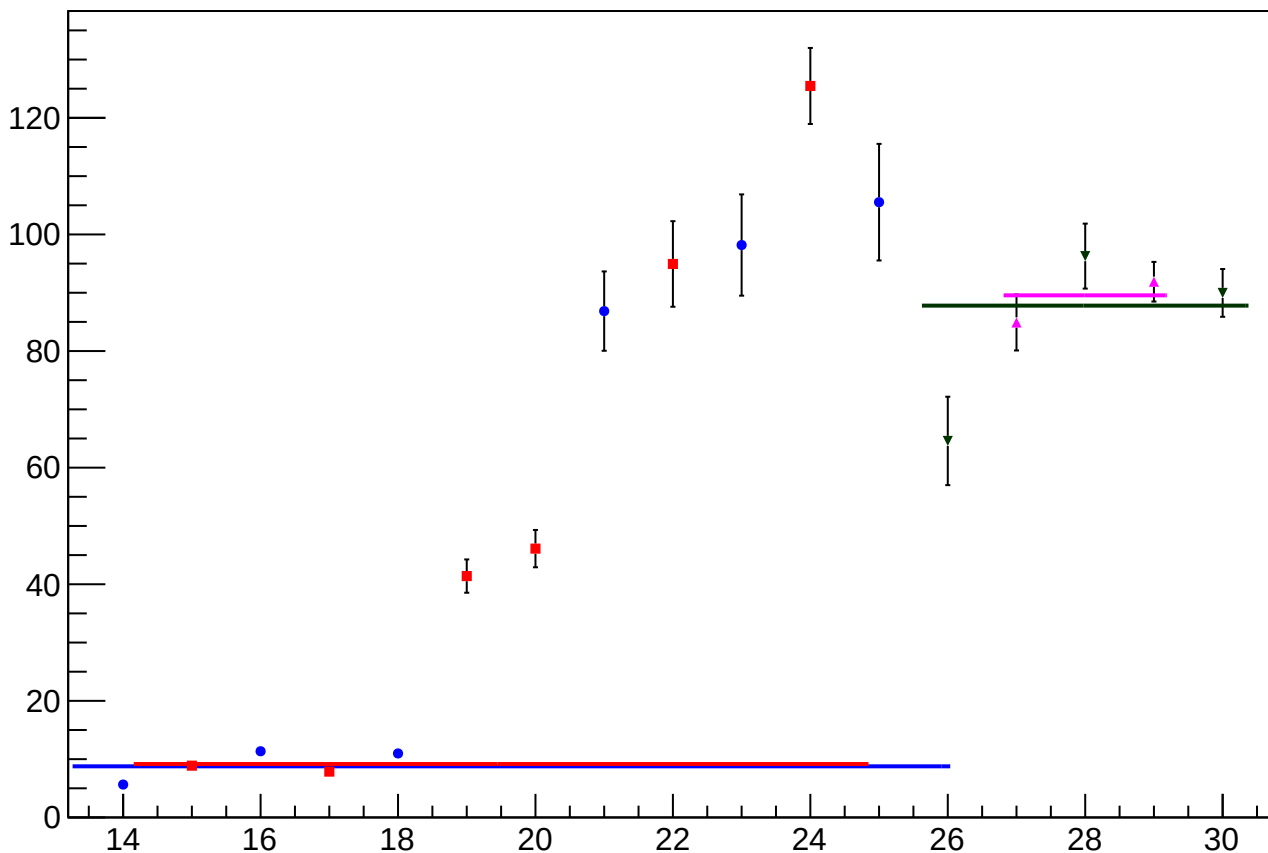
Right Out: -2.285+/-0.142 χ^2/NDF : 146.1/5

Left In: -2.756+/-0.215 χ^2/NDF : 96.5/1

-4.846+/-0.102 χ^2/NDF : 3122.5/8

-2.429+/-0.119 χ^2/NDF : 246.0/7

reg_asym_sam_37_avg_diff_bpm4aX_slope vs slug



Right In: 8.770+/-0.217 χ^2/NDF : 500.1/5

Left Out: 87.791+/-3.026 χ^2/NDF : 12.0/2

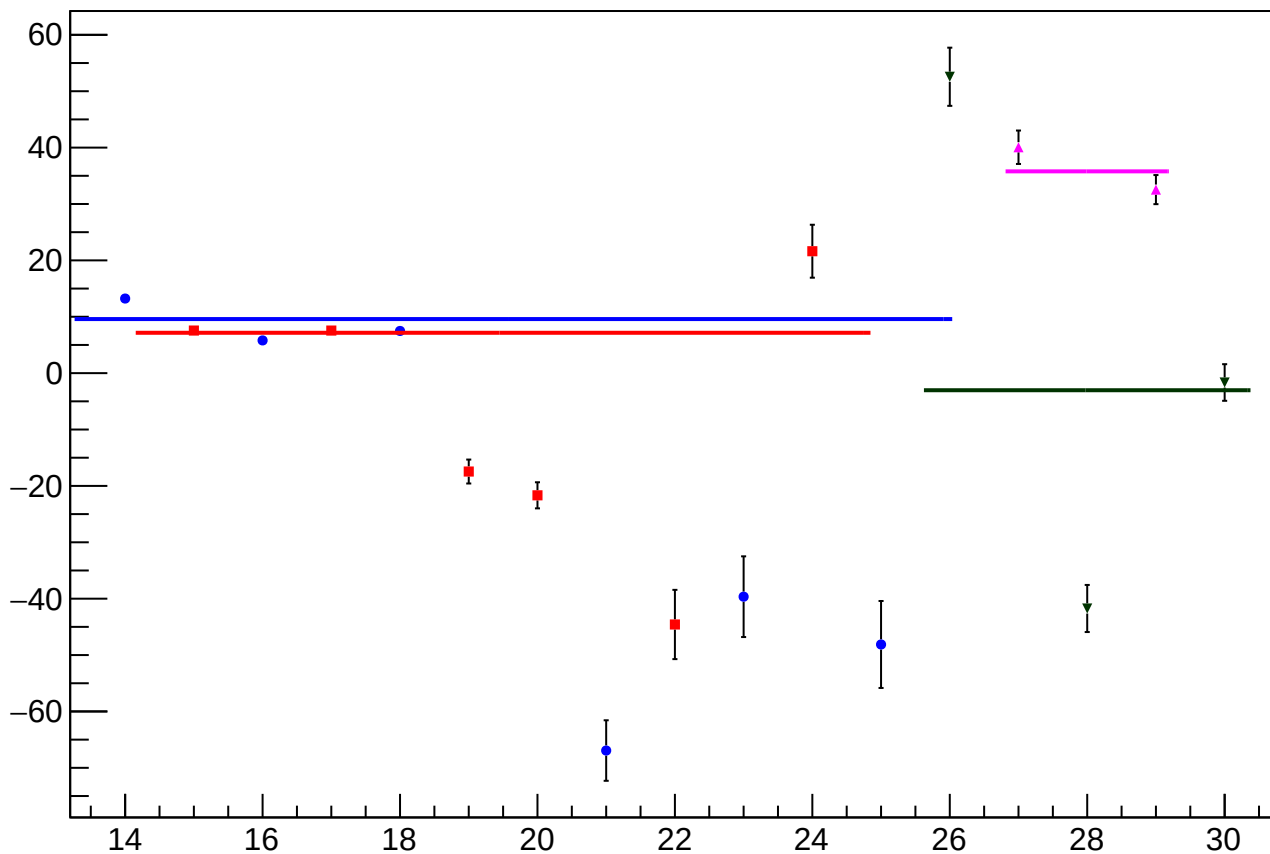
Right Out: 9.166+/-0.240 χ^2/NDF : 727.7/5

Left In: 89.557+/-2.775 χ^2/NDF : 1.4/1

9.173+/-0.216 χ^2/NDF : 1190.4/8

9.761+/-0.239 χ^2/NDF : 1562.3/7

reg_asym_sam_37_avg_diff_bpm4aY_slope vs slug



Right In: 9.591+/-0.161 χ^2/NDF : 795.7/5

Left Out: -3.031+/-2.296 χ^2/NDF : 202.2/2

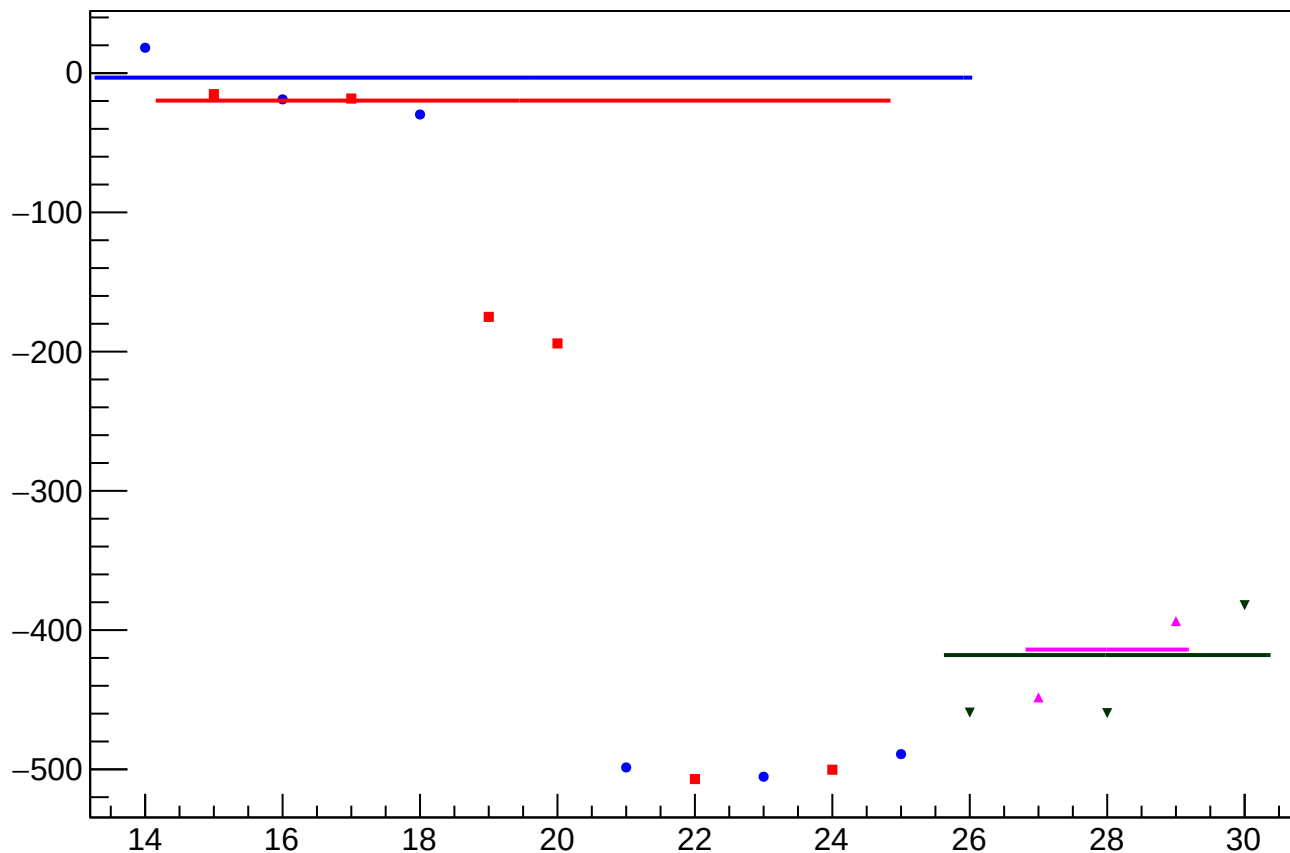
Right Out: 7.158+/-0.183 χ^2/NDF : 374.6/5

Left In: 35.787+/-1.946 χ^2/NDF : 3.7/1

9.529+/-0.161 χ^2/NDF : 1028.0/8

7.410+/-0.183 χ^2/NDF : 592.8/7

reg_asym_sam_37_avg_diff_bpm4eX_slope vs slug



Right In: -3.214+/-0.042 χ^2/NDF : 575864.3/5

Left Out: -417.930+/-0.520 χ^2/NDF : 5502.1/2

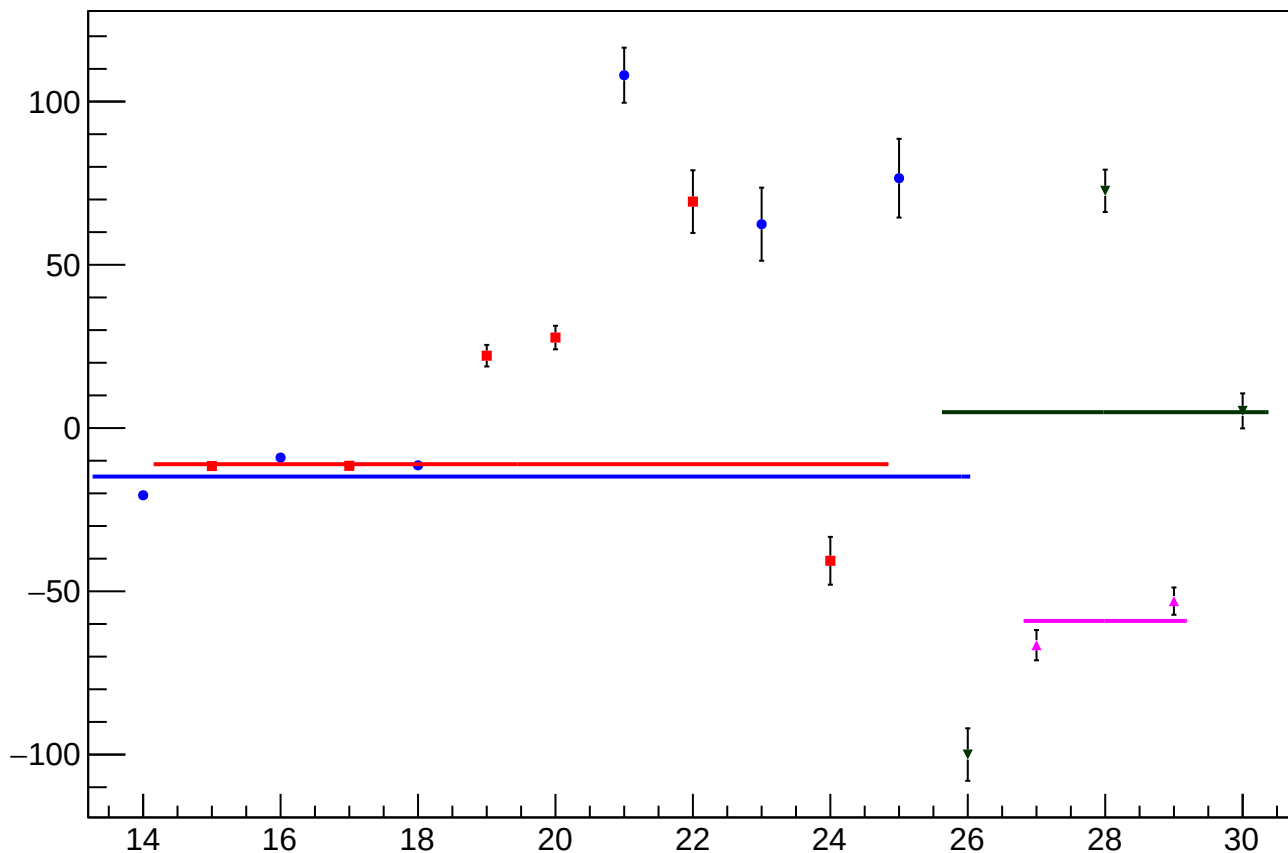
Right Out: -19.703+/-0.046 χ^2/NDF : 453512.4/5

Left In: -413.995+/-0.525 χ^2/NDF : 2549.0/1

-5.927+/-0.042 χ^2/NDF : 1213095.2/8

-22.747+/-0.046 χ^2/NDF : 1015819.6/7

reg_asym_sam_37_avg_diff_bpm4eY_slope vs slug



Right In: -14.851 $\pm$ 0.253 χ^2 /NDF: 800.2/5

Left Out: 4.865 $\pm$ 3.676 χ^2 /NDF:279.2/2

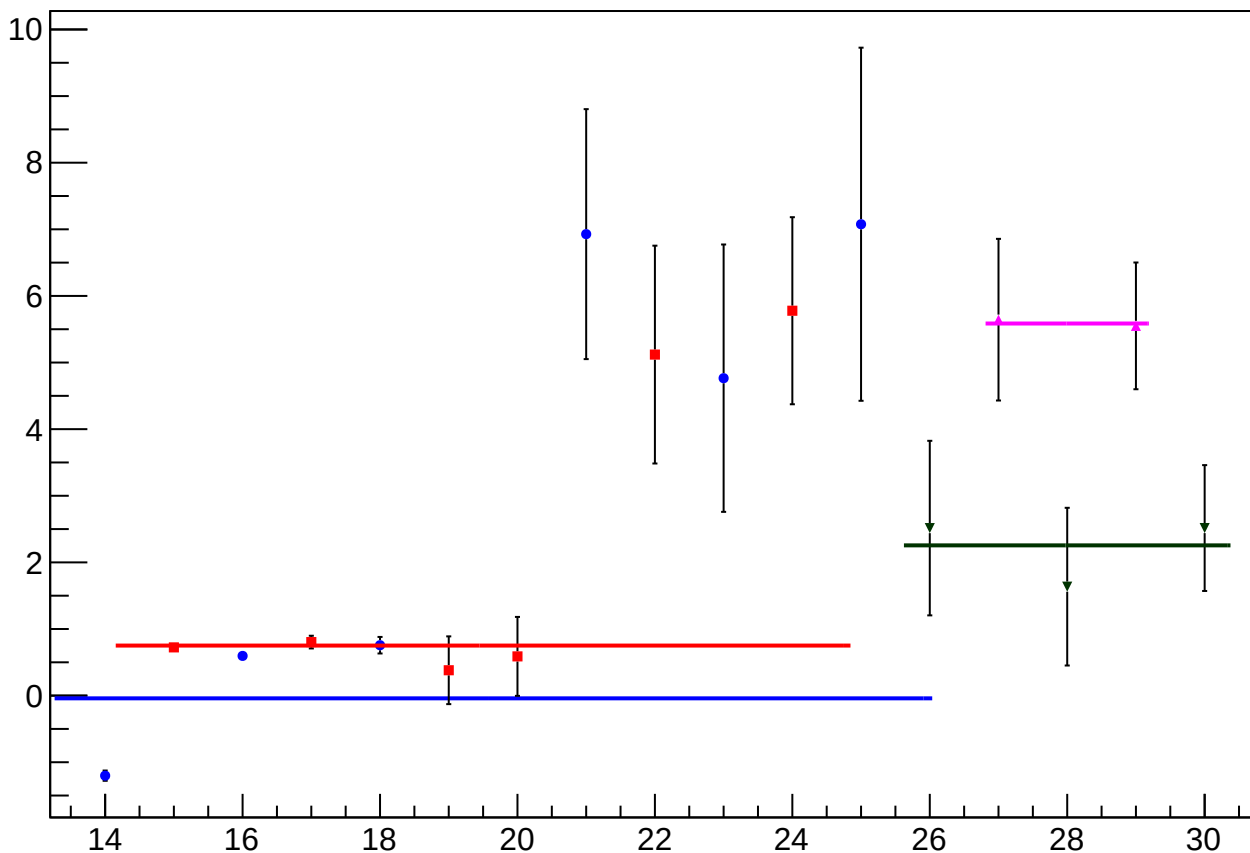
Right Out: -11.072 $\pm$ 0.286 χ^2 /NDF: 306.9/5

Left In: -59.066 $\pm$ 3.105 χ^2 /NDF:4.7/1

-14.758 $\pm$ 0.252 χ^2 /NDF: 1108.0/8

-11.475 $\pm$ 0.285 χ^2 /NDF: 548.5/7

reg_asym_sam_37_avg_diff_bpm11X_slope vs slug



Right In: -0.041 ± 0.047 χ^2/NDF : 383.7/5

Left Out: 2.255 ± 0.643 χ^2/NDF : 0.4/2

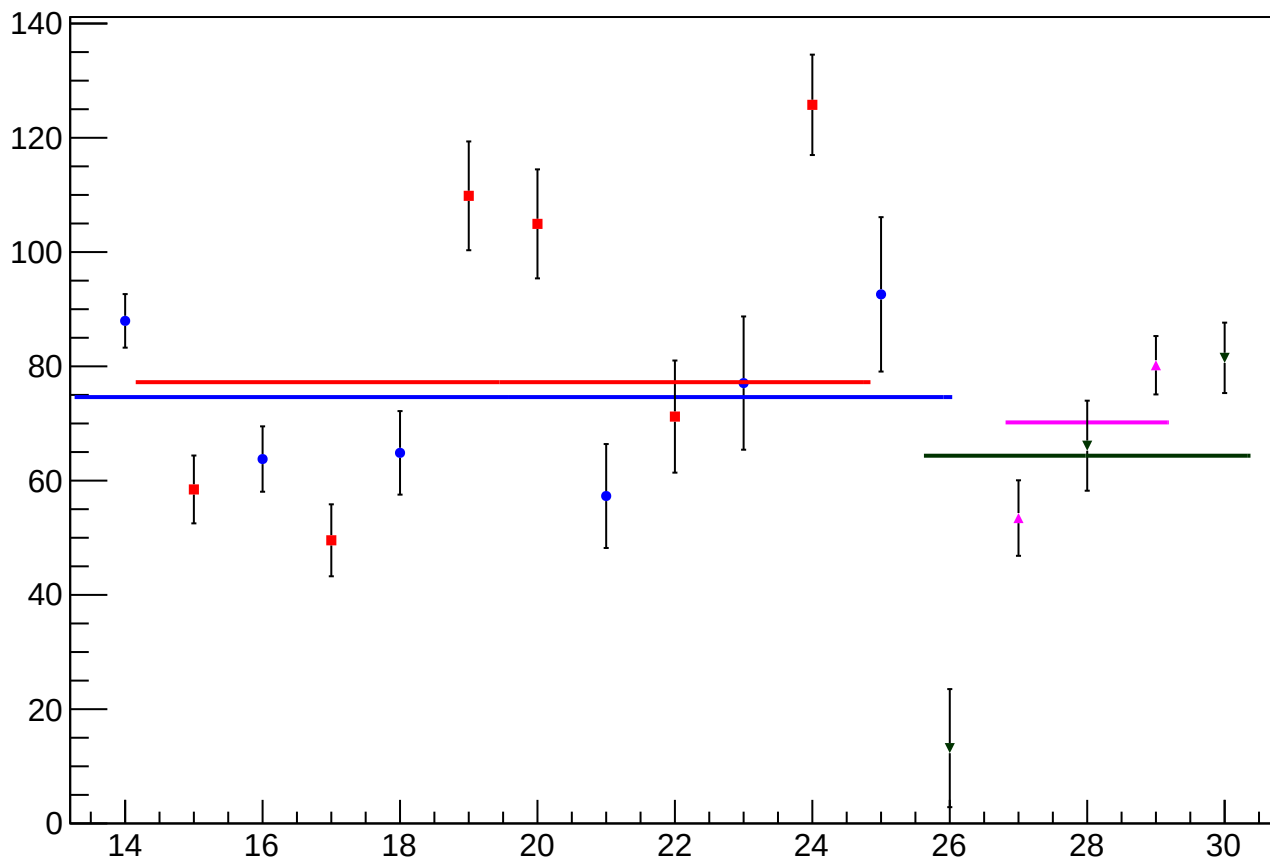
Right Out: 0.751 ± 0.049 χ^2/NDF : 21.1/5

Left In: 5.586 ± 0.749 χ^2/NDF : 0.0/1

-0.029 ± 0.047 χ^2/NDF : 396.8/8

0.772 ± 0.049 χ^2/NDF : 62.6/7

reg_asym_sam_37_dd_diff_bpm4aX_slope vs slug



Right In: 74.621+/-2.891 χ^2/NDF : 18.9/5

Left Out: 64.360+/-4.393 χ^2/NDF : 32.3/2

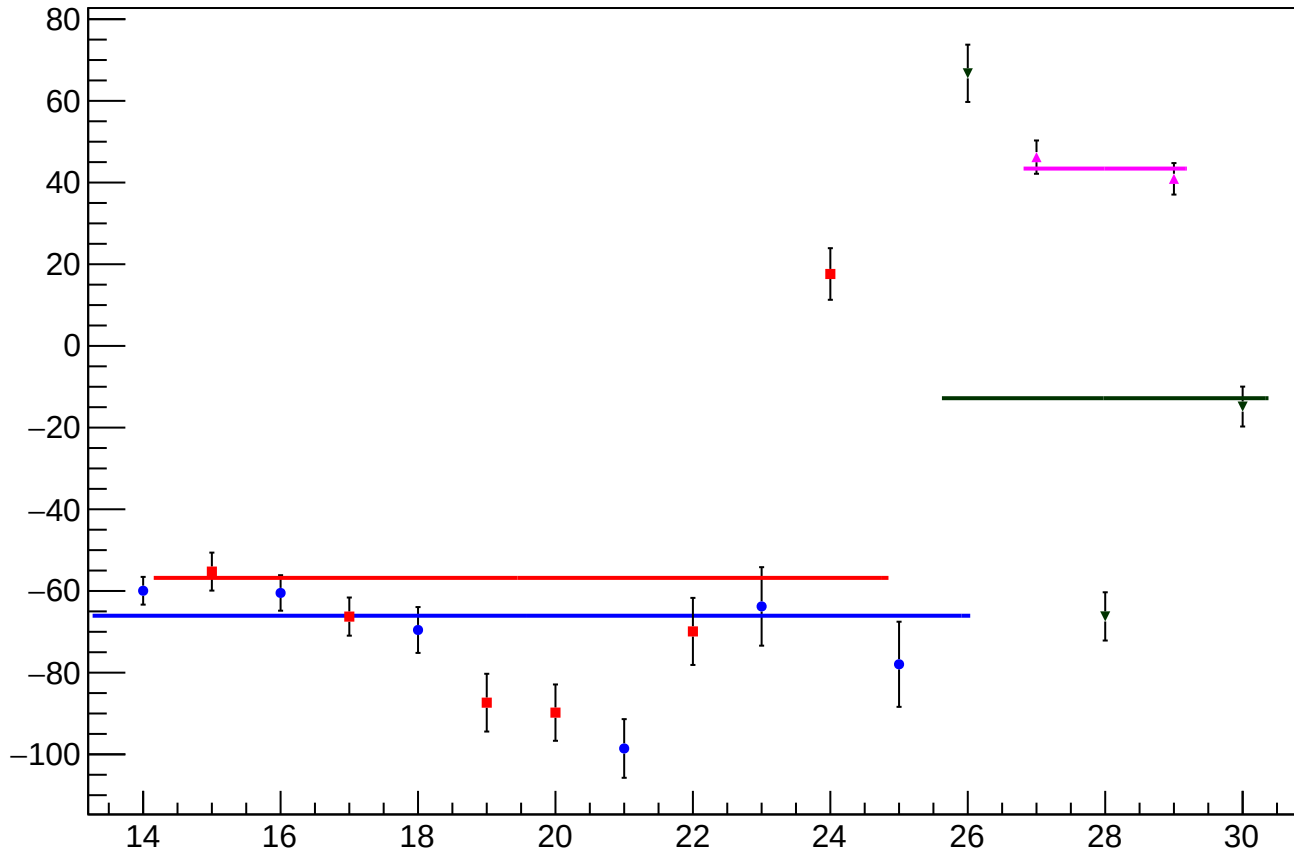
Right Out: 77.231+/-3.179 χ^2/NDF : 80.4/5

Left In: 70.188+/-4.042 χ^2/NDF : 10.3/1

71.521+/-2.415 χ^2/NDF : 55.0/8

74.540+/-2.499 χ^2/NDF : 92.5/7

reg_asym_sam_37_dd_diff_bpm4aY_slope vs slug



Right In: -66.062 ± 2.178 χ^2/NDF : 27.1/5

Left Out: -12.803 ± 3.317 χ^2/NDF : 210.6/2

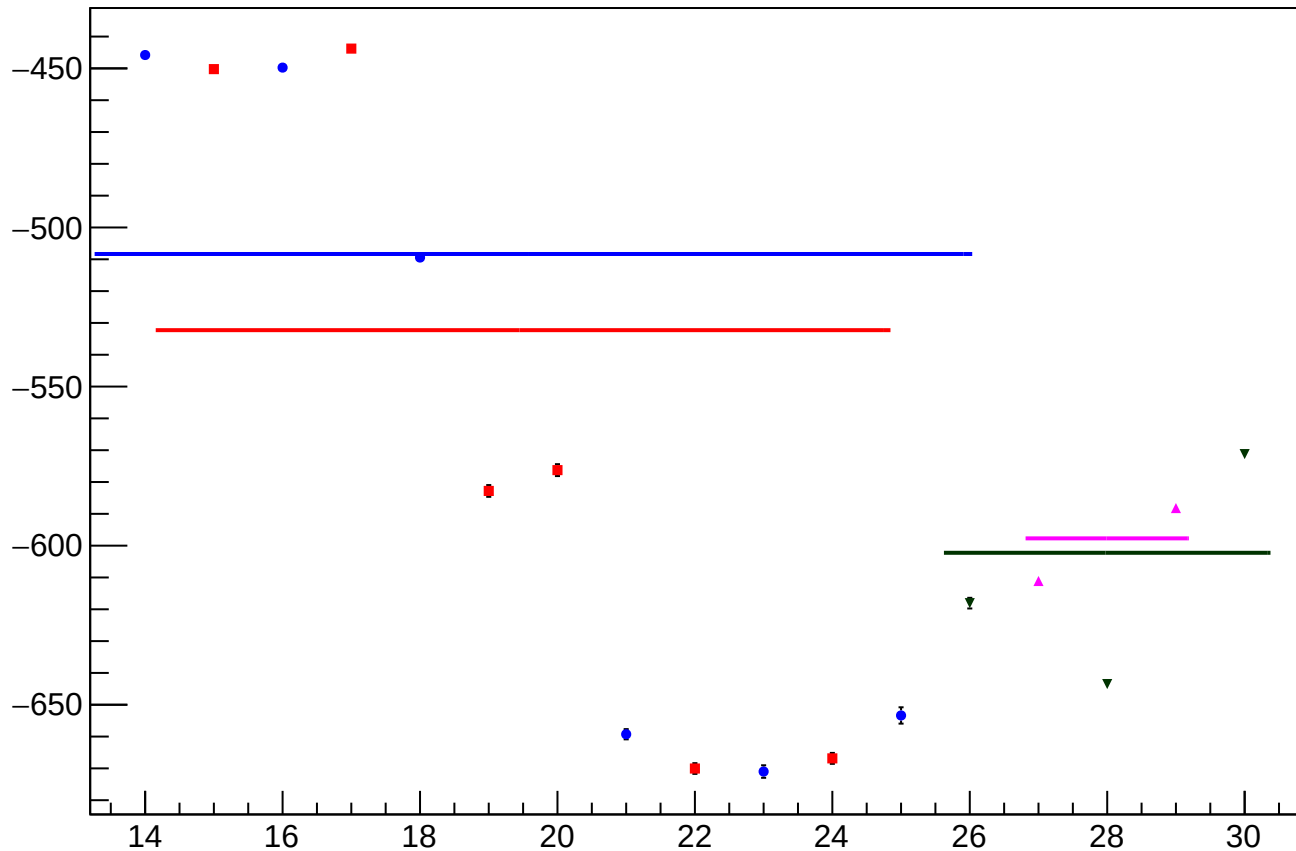
Right Out: -56.796 ± 2.404 χ^2/NDF : 186.9/5

Left In: 43.420 ± 2.802 χ^2/NDF : 0.9/1

-50.018 ± 1.820 χ^2/NDF : 417.9/8

-14.297 ± 1.825 χ^2/NDF : 924.6/7

reg_asym_sam_37_dd_diff_bpm4eX_slope vs slug



Right In: -508.334+/-0.550 χ^2/NDF : 26322.1/5

Left Out: -602.241+/-0.754 χ^2/NDF : 1827.8/2

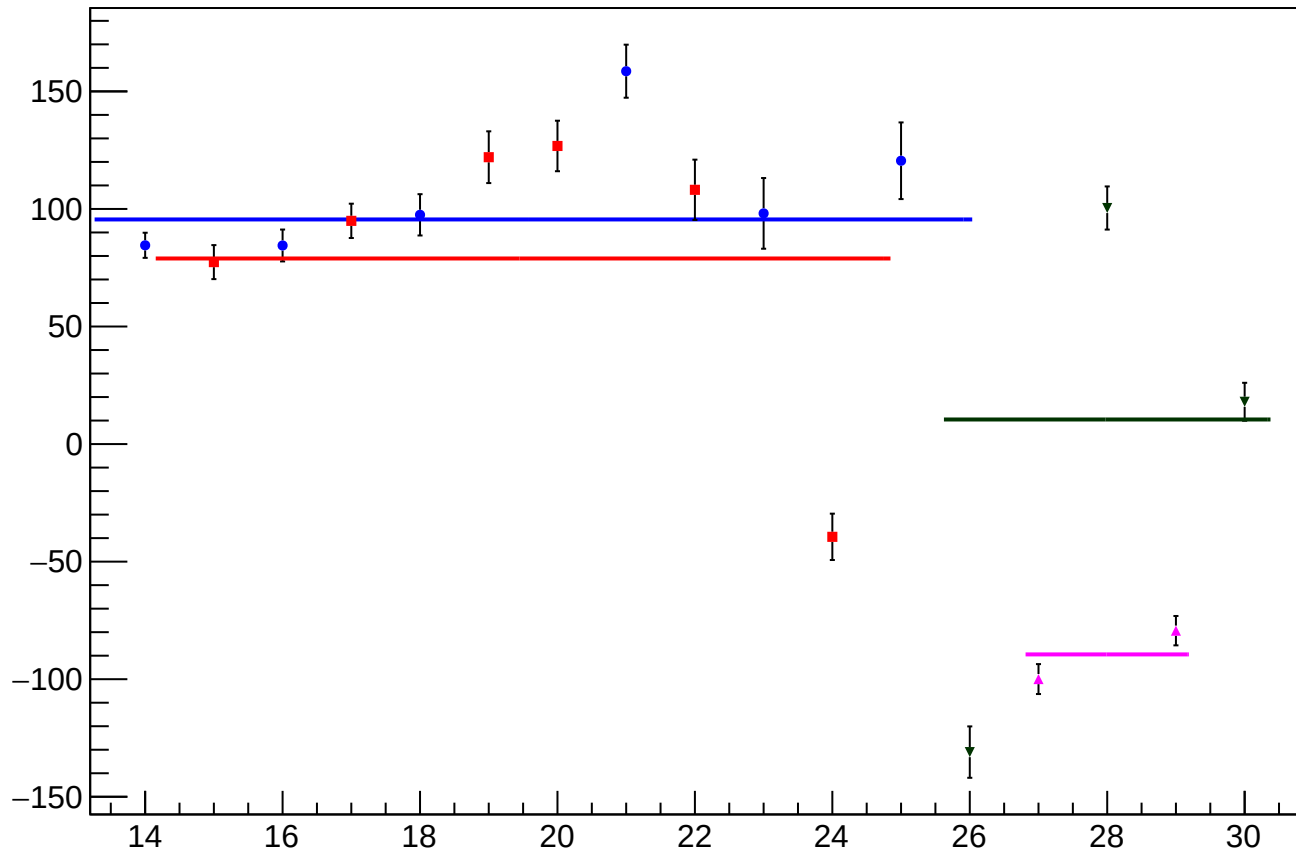
Right Out: -532.273+/-0.609 χ^2/NDF : 24459.0/5

Left In: -597.711+/-0.762 χ^2/NDF : 220.0/1

-540.957+/-0.444 χ^2/NDF : 38281.0/8

-557.783+/-0.475 χ^2/NDF : 29184.3/7

reg_asym_sam_37_dd_diff_bpm4eY_slope vs slug



Right In: 95.535 $\pm$ 3.414 χ^2 /NDF: 40.6/5

Left Out: 10.456 $\pm$ 5.299 χ^2 /NDF: 264.5/2

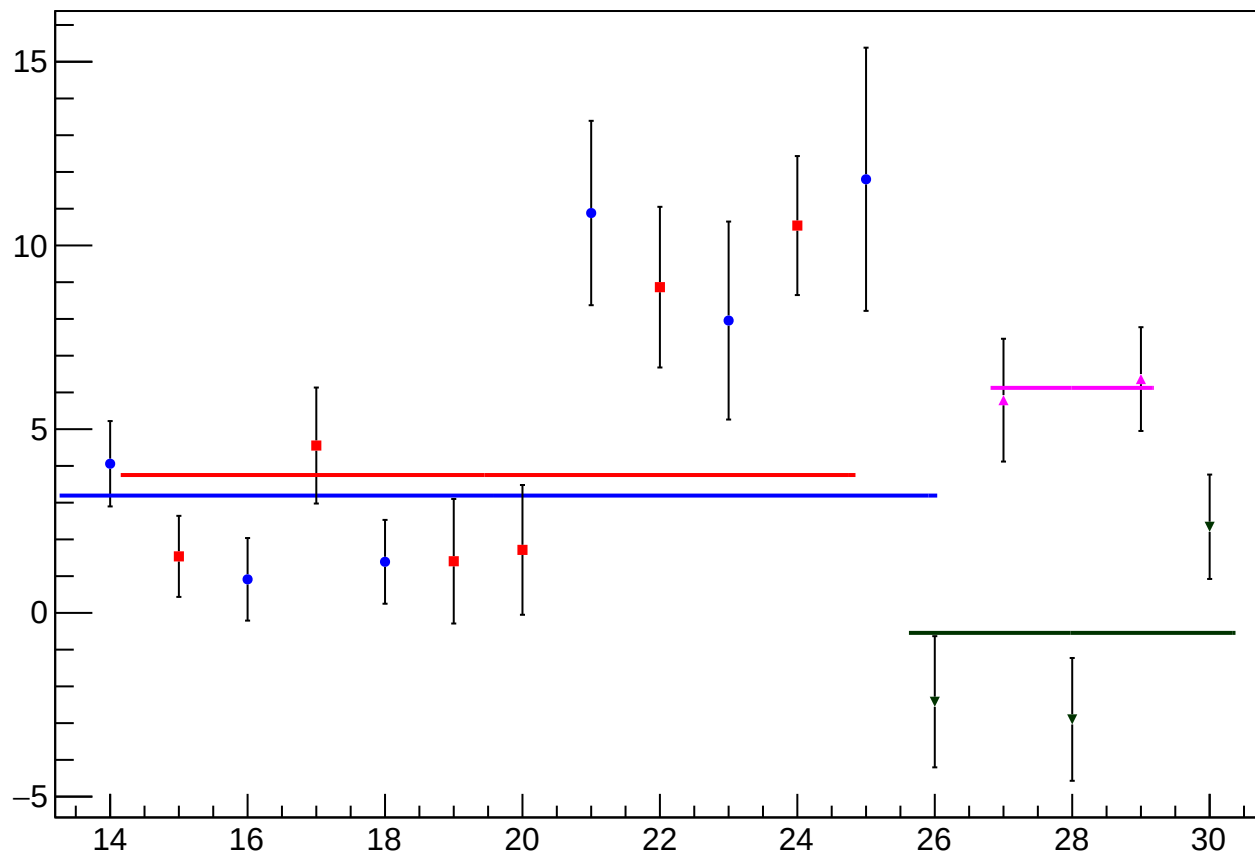
Right Out: 78.931 $\pm$ 3.748 χ^2 /NDF: 189.5/5

Left In: -89.455 $\pm$ 4.458 χ^2 /NDF: 5.3/1

70.579 $\pm$ 2.870 χ^2 /NDF: 487.2/8

9.196 $\pm$ 2.869 χ^2 /NDF: 1030.7/7

reg_asym_sam_37_dd_diff_bpm11X_slope vs slug



Right In: 3.193 ± 0.611 $\chi^2/\text{NDF}: 25.5/5$

Left Out: -0.544 ± 0.926 $\chi^2/\text{NDF}: 7.2/2$

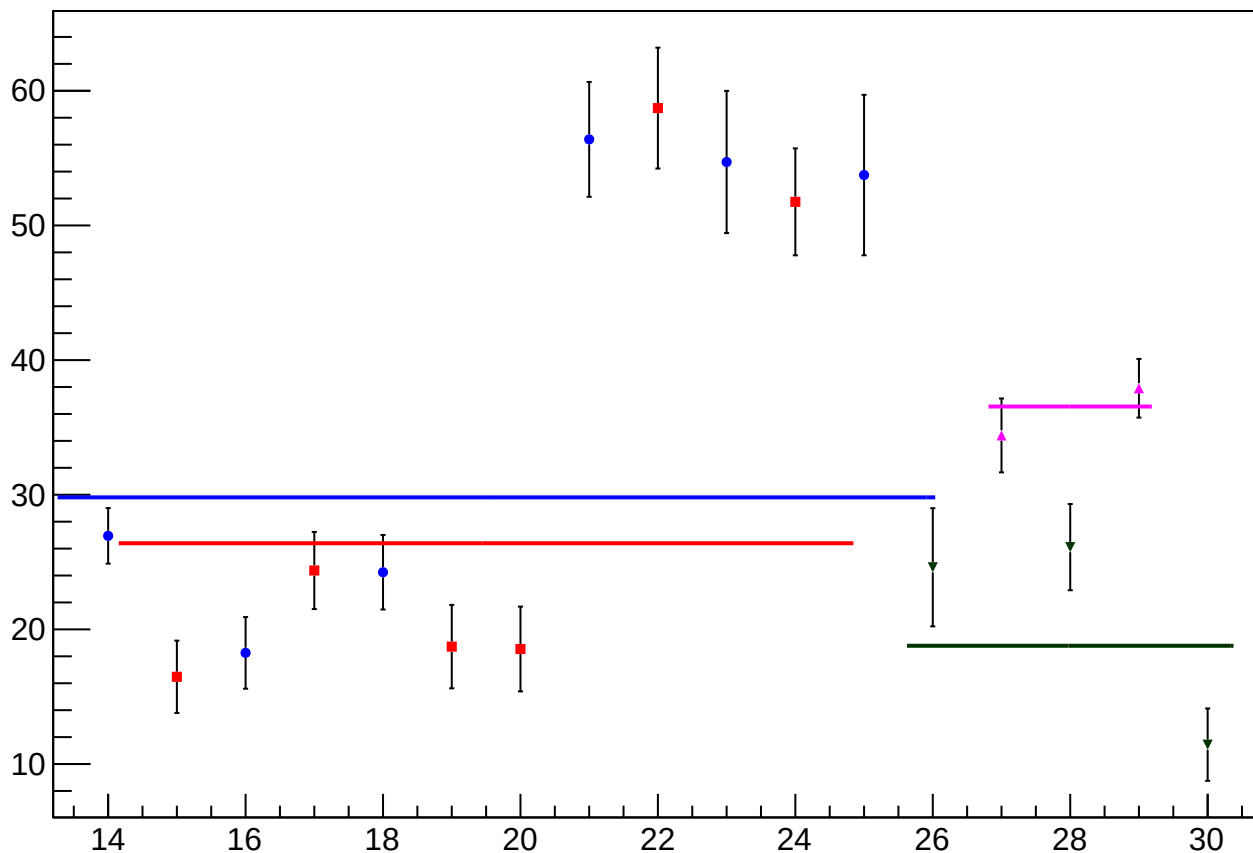
Right Out: 3.752 ± 0.648 $\chi^2/\text{NDF}: 25.9/5$

Left In: 6.124 ± 1.079 $\chi^2/\text{NDF}: 0.1/1$

2.058 ± 0.510 $\chi^2/\text{NDF}: 44.0/8$

4.381 ± 0.556 $\chi^2/\text{NDF}: 29.5/7$

reg_asym_sam_26_avg_diff_bpm4aX_slope vs slug



Right In: 29.805 $\pm$ 1.264 χ^2 /NDF: 102.0/5

Left Out: 18.783 $\pm$ 1.863 χ^2 /NDF:14.5/2

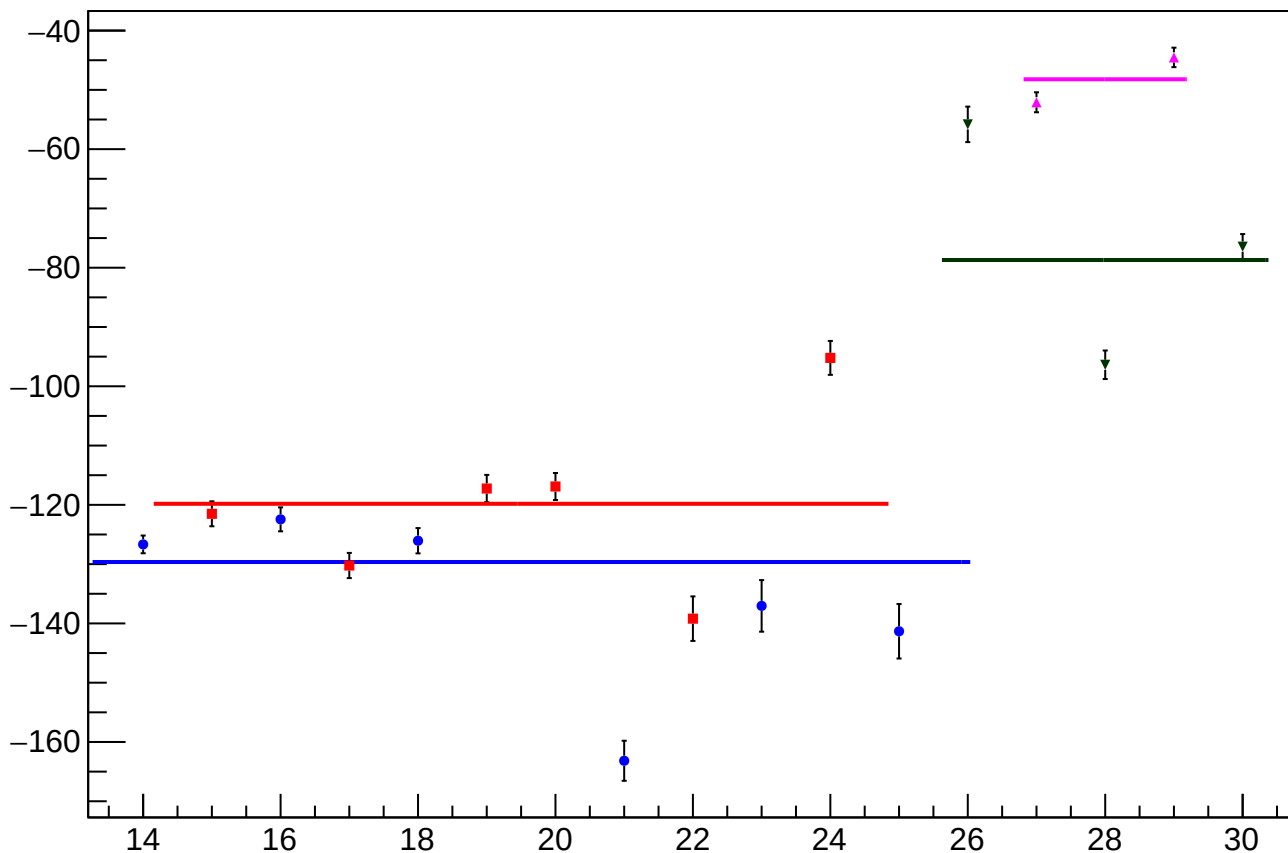
Right Out: 26.398 $\pm$ 1.315 χ^2 /NDF: 119.1/5

Left In: 36.553 $\pm$ 1.707 χ^2 /NDF:1.0/1

26.329 $\pm$ 1.046 χ^2 /NDF: 140.5/8

30.181 $\pm$ 1.042 χ^2 /NDF: 142.3/7

reg_asym_sam_26_avg_diff_bpm4aY_slope vs slug



Right In: -129.644+/-0.954 χ^2/NDF : 127.3/5

Left Out: -78.701+/-1.407 χ^2/NDF : 113.4/2

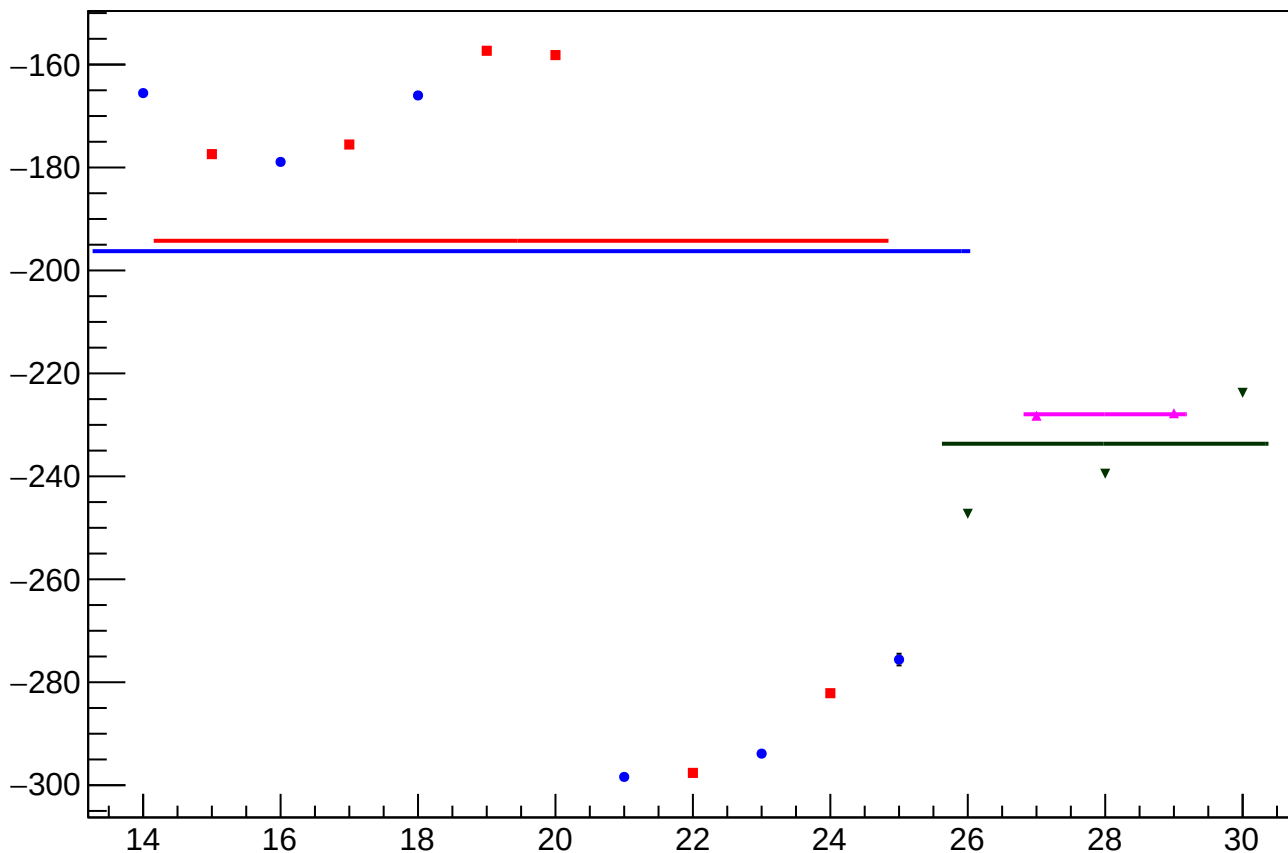
Right Out: -119.823+/-0.989 χ^2/NDF : 128.3/5

Left In: -48.214+/-1.176 χ^2/NDF : 10.4/1

-113.614+/-0.789 χ^2/NDF : 1138.7/8

-90.146+/-0.757 χ^2/NDF : 2311.1/7

reg_asym_sam_26_avg_diff_bpm4eX_slope vs slug



Right In: -196.253 $\pm$ 0.240 χ^2/NDF : 45543.2/5

Left Out: -233.663 $\pm$ 0.320 χ^2/NDF : 926.2/2

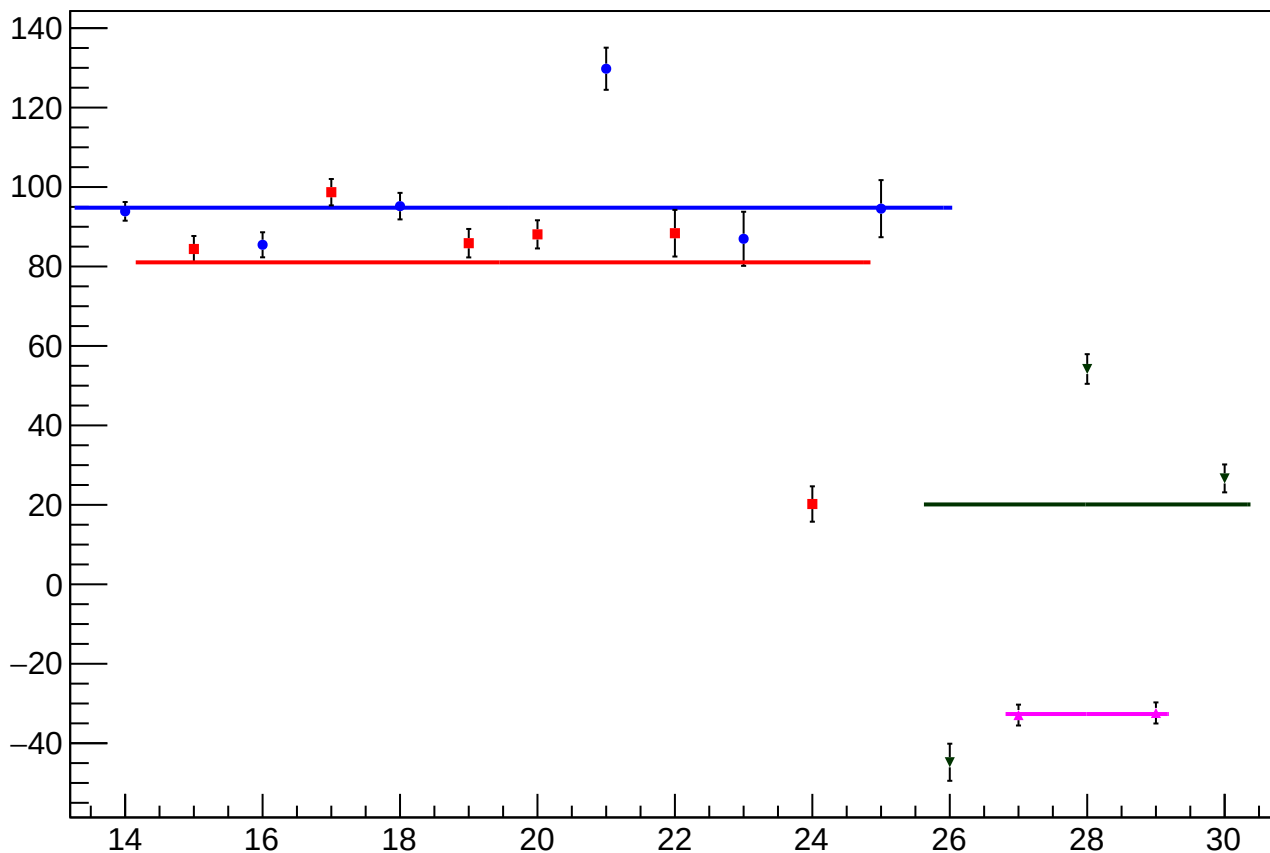
Right Out: -194.236 $\pm$ 0.253 χ^2/NDF : 40136.1/5

Left In: -227.940 $\pm$ 0.321 χ^2/NDF : 0.6/1

-209.756 $\pm$ 0.192 χ^2/NDF : 55212.4/8

-207.138 $\pm$ 0.198 χ^2/NDF : 46951.5/7

reg_asym_sam_26_avg_diff_bpm4eY_slope vs slug



Right In: 94.797 $\pm$ 1.495 χ^2 /NDF: 53.8/5

Left Out: 20.104 $\pm$ 2.244 χ^2 /NDF: 280.2/2

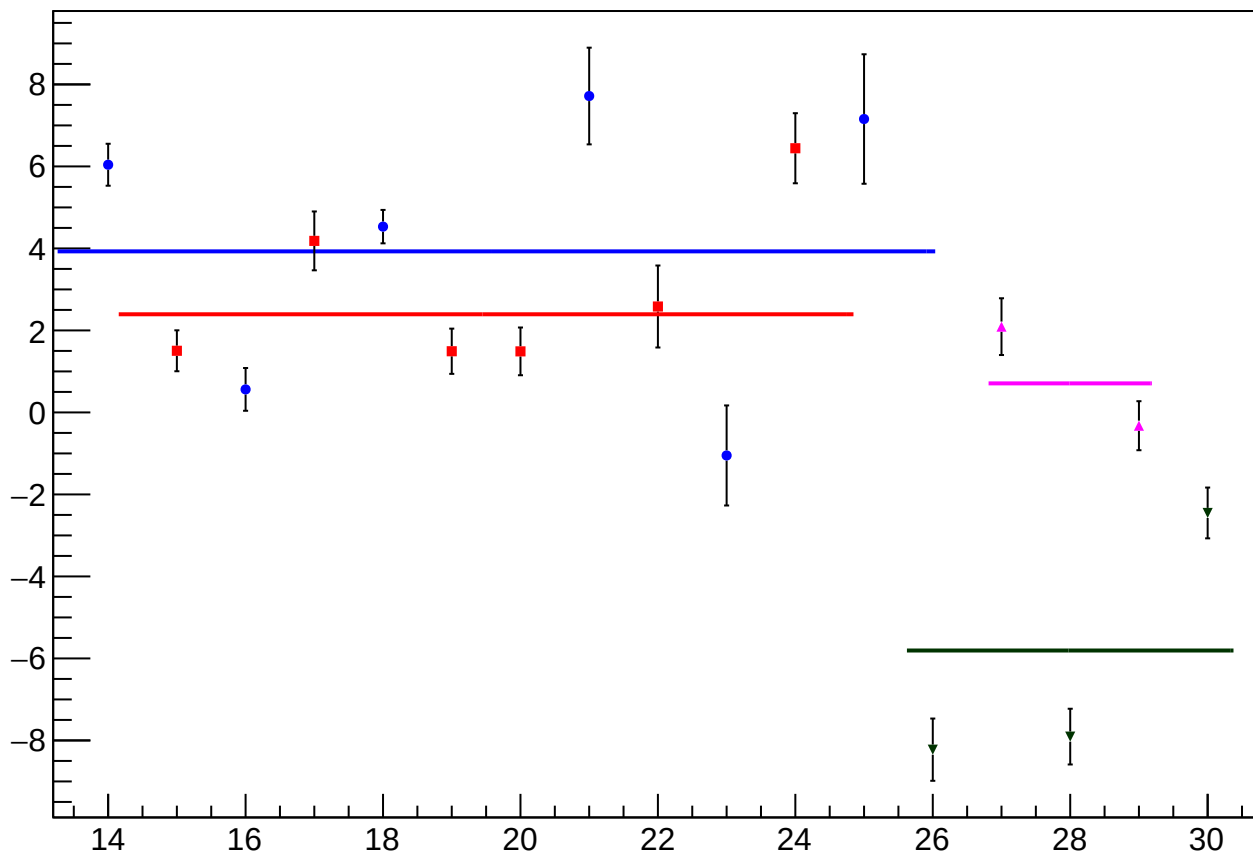
Right Out: 81.041 $\pm$ 1.541 χ^2 /NDF: 223.2/5

Left In: -32.648 $\pm$ 1.866 χ^2 /NDF: 0.0/1

71.840 $\pm$ 1.244 χ^2 /NDF: 1101.6/8

34.928 $\pm$ 1.188 χ^2 /NDF: 2430.1/7

reg_asym_sam_26_avg_diff_bpm11X_slope vs slug



Right In: 3.928+/-0.256 χ^2/NDF : 92.1/5

Left Out: -5.807+/-0.392 χ^2/NDF : 49.0/2

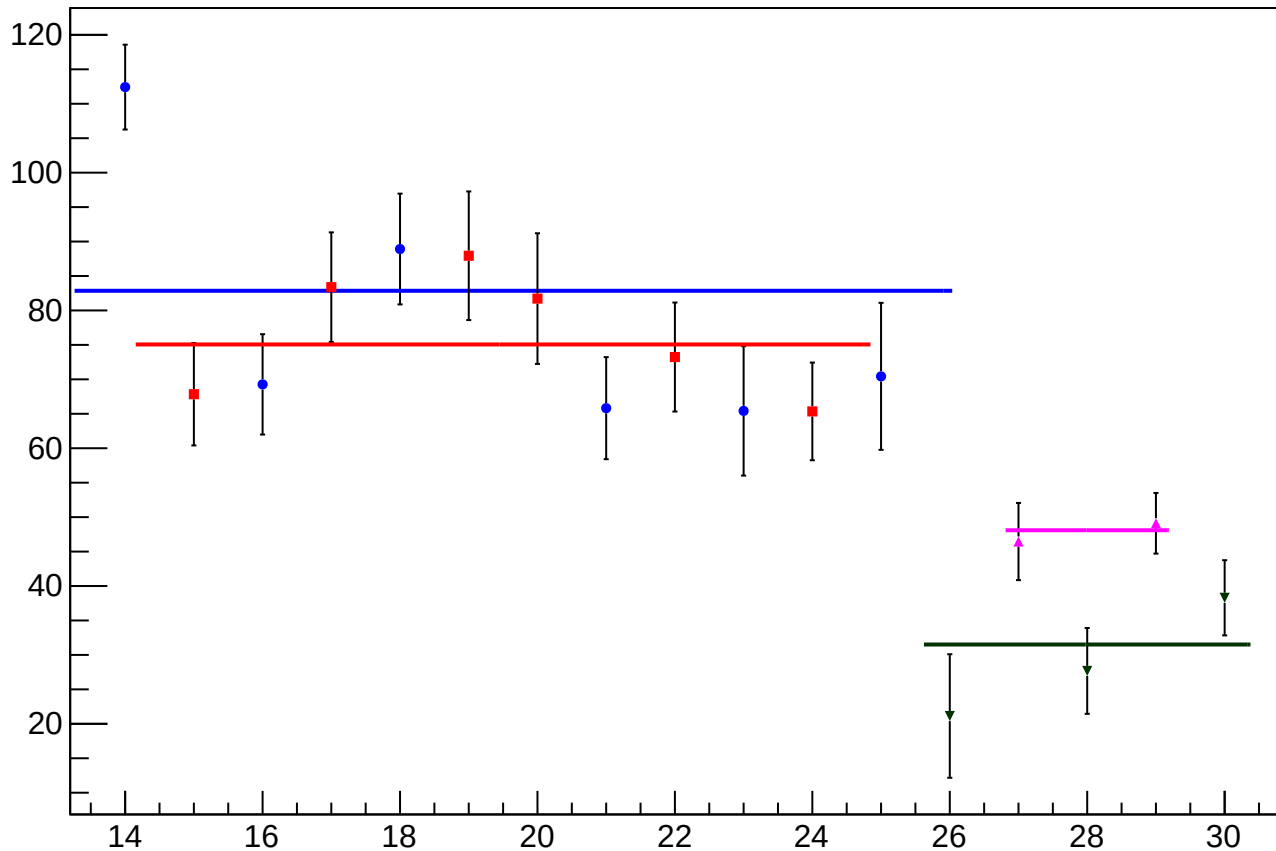
Right Out: 2.394+/-0.262 χ^2/NDF : 37.0/5

Left In: 0.708+/-0.452 χ^2/NDF : 7.0/1

1.025+/-0.214 χ^2/NDF : 573.8/8

1.970+/-0.227 χ^2/NDF : 54.3/7

reg_asym_sam_26_dd_diff_bpm4aX_slope vs slug



Right In: 82.854 $\pm$ 3.178 χ^2/NDF : 37.2/5

Left Out: 31.511 $\pm$ 3.733 χ^2/NDF : 3.3/2

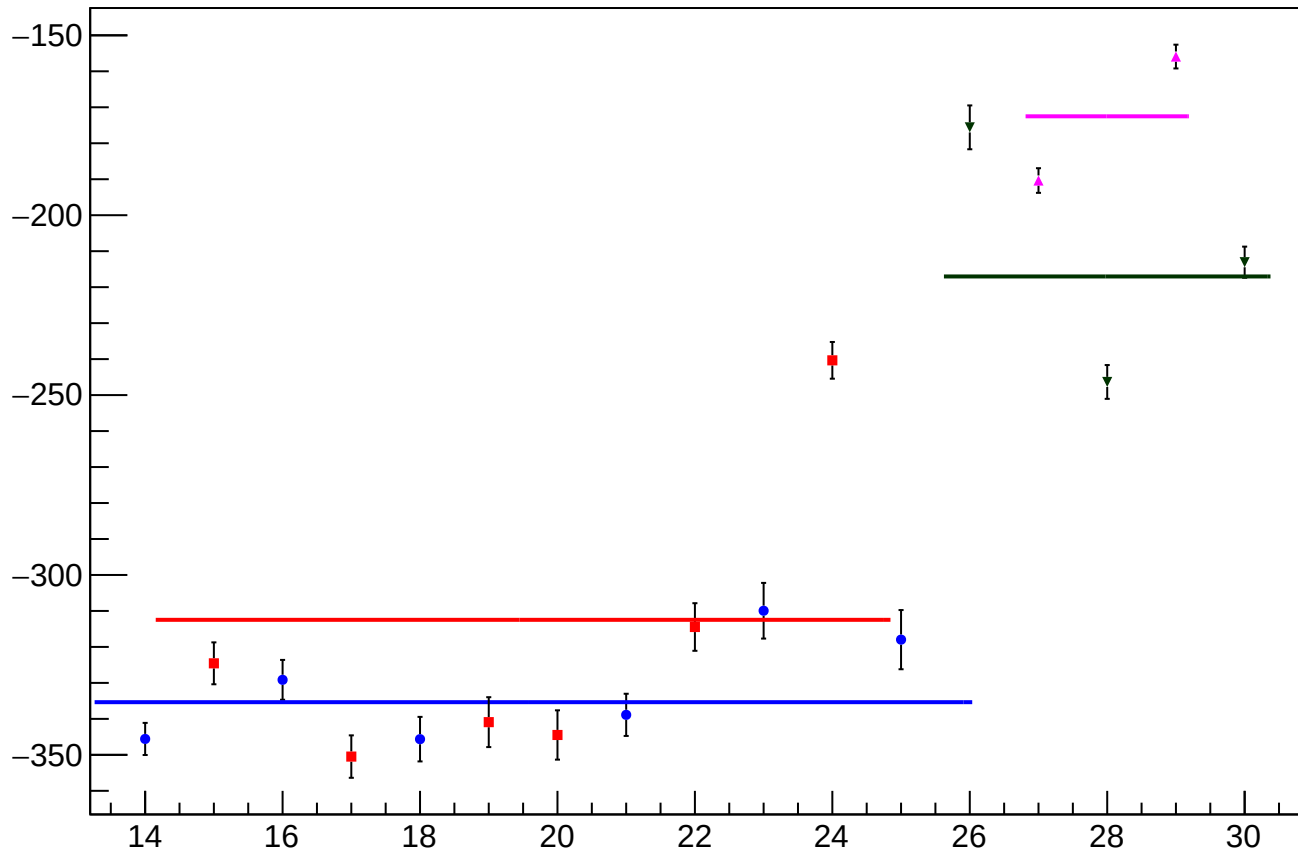
Right Out: 75.064 $\pm$ 3.291 χ^2/NDF : 6.4/5

Left In: 48.095 $\pm$ 3.461 χ^2/NDF : 0.1/1

61.281 $\pm$ 2.420 χ^2/NDF : 150.1/8

62.261 $\pm$ 2.385 χ^2/NDF : 38.4/7

reg_asym_sam_26_dd_diff_bpm4aY_slope vs slug



Right In: -335.359+/-2.429 χ^2/NDF : 24.9/5

Left Out: -217.025+/-2.821 χ^2/NDF : 86.0/2

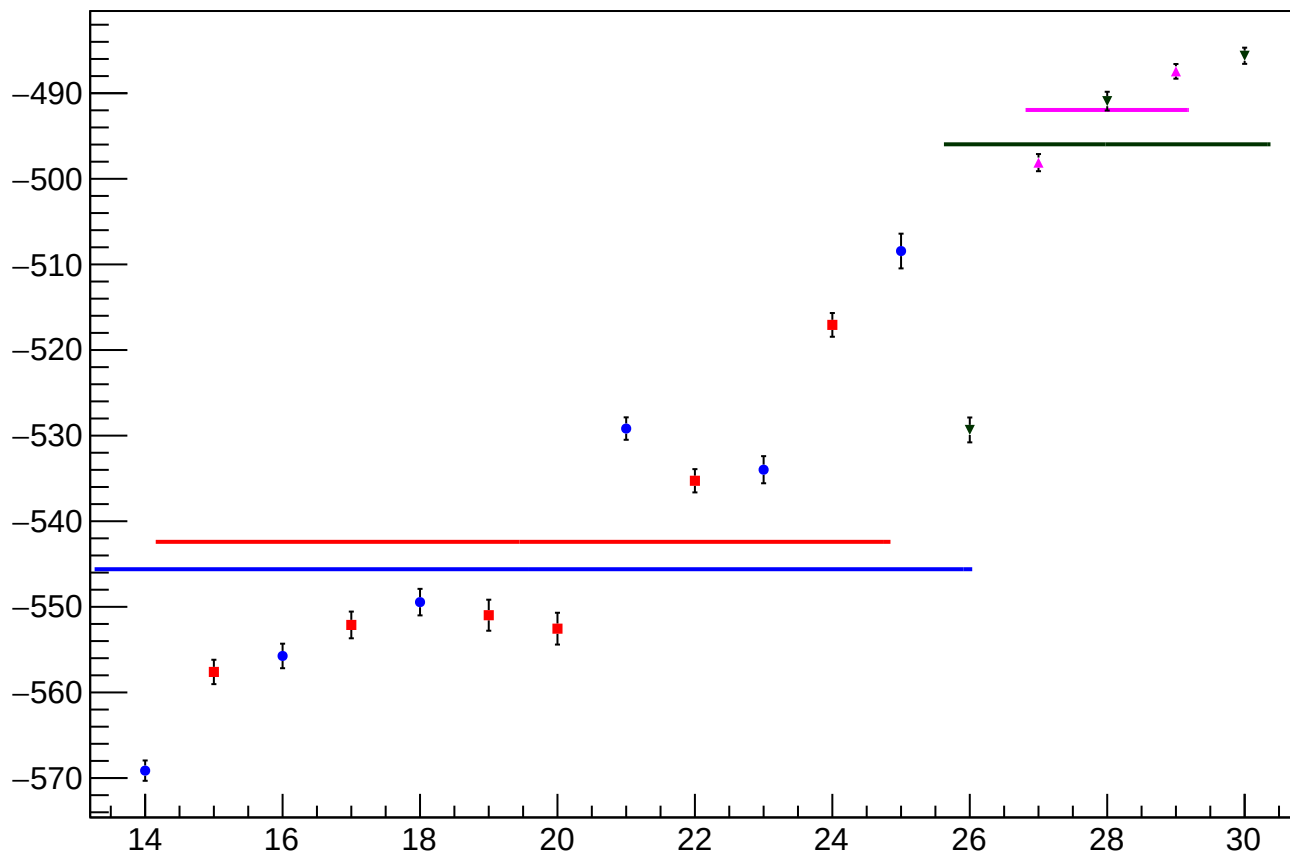
Right Out: -312.468+/-2.488 χ^2/NDF : 284.2/5

Left In: -172.510+/-2.378 χ^2/NDF : 52.4/1

-284.986+/-1.841 χ^2/NDF : 1121.2/8

-239.328+/-1.719 χ^2/NDF : 1990.2/7

reg_asym_sam_26_dd_diff_bpm4eX_slope vs slug



Right In: -545.606 ± 0.594 χ^2/NDF : 995.5/5

Left Out: -495.970 ± 0.642 χ^2/NDF : 668.1/2

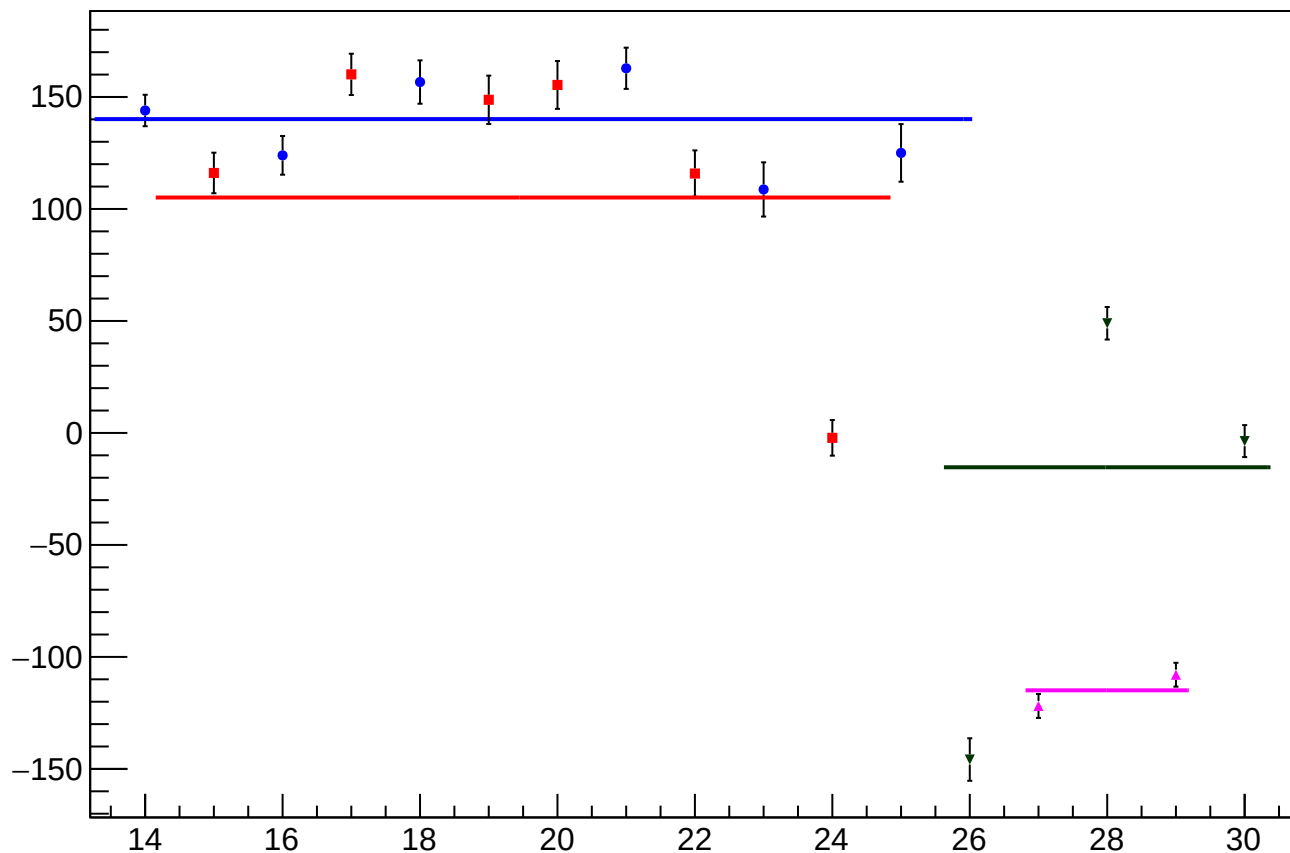
Right Out: -542.407 ± 0.625 χ^2/NDF : 566.1/5

Left In: -491.957 ± 0.651 χ^2/NDF : 65.4/1

-522.706 ± 0.436 χ^2/NDF : 4886.9/8

-518.212 ± 0.451 χ^2/NDF : 3754.4/7

reg_asym_sam_26_dd_diff_bpm4eY_slope vs slug



Right In: 140.121 $\pm$ 3.806 χ^2 /NDF: 20.9/5

Left Out: -15.330 $\pm$ 4.489 χ^2 /NDF: 269.8/2

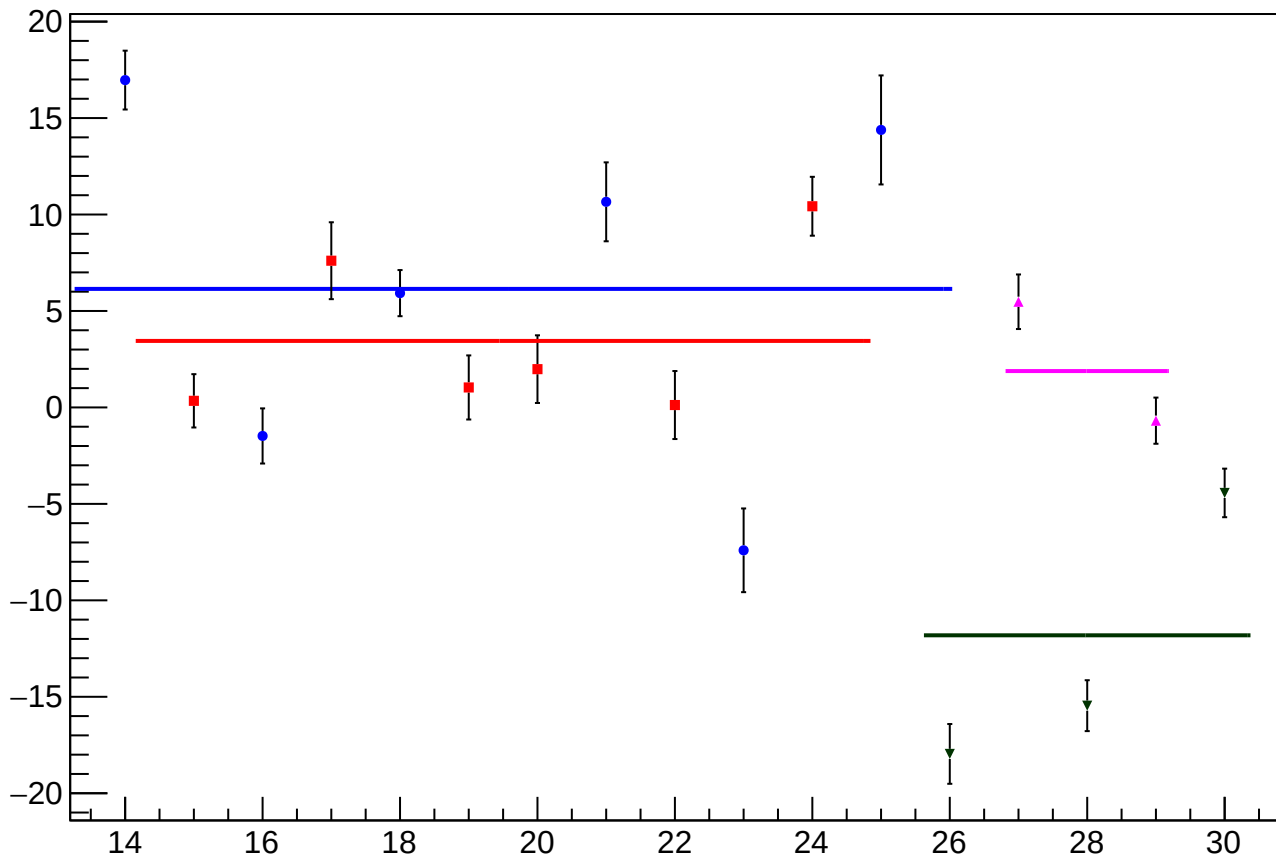
Right Out: 105.118 $\pm$ 3.878 χ^2 /NDF: 258.7/5

Left In: -114.918 $\pm$ 3.772 χ^2 /NDF: 3.4/1

75.117 $\pm$ 2.903 χ^2 /NDF: 988.4/8

-7.937 $\pm$ 2.704 χ^2 /NDF: 1916.4/7

reg_asym_sam_26_dd_diff_bpm11X_slope vs slug



Right In: 6.144 ± 0.675 χ^2/NDF : 131.2/5

Left Out: -11.813 ± 0.785 χ^2/NDF : 57.8/2

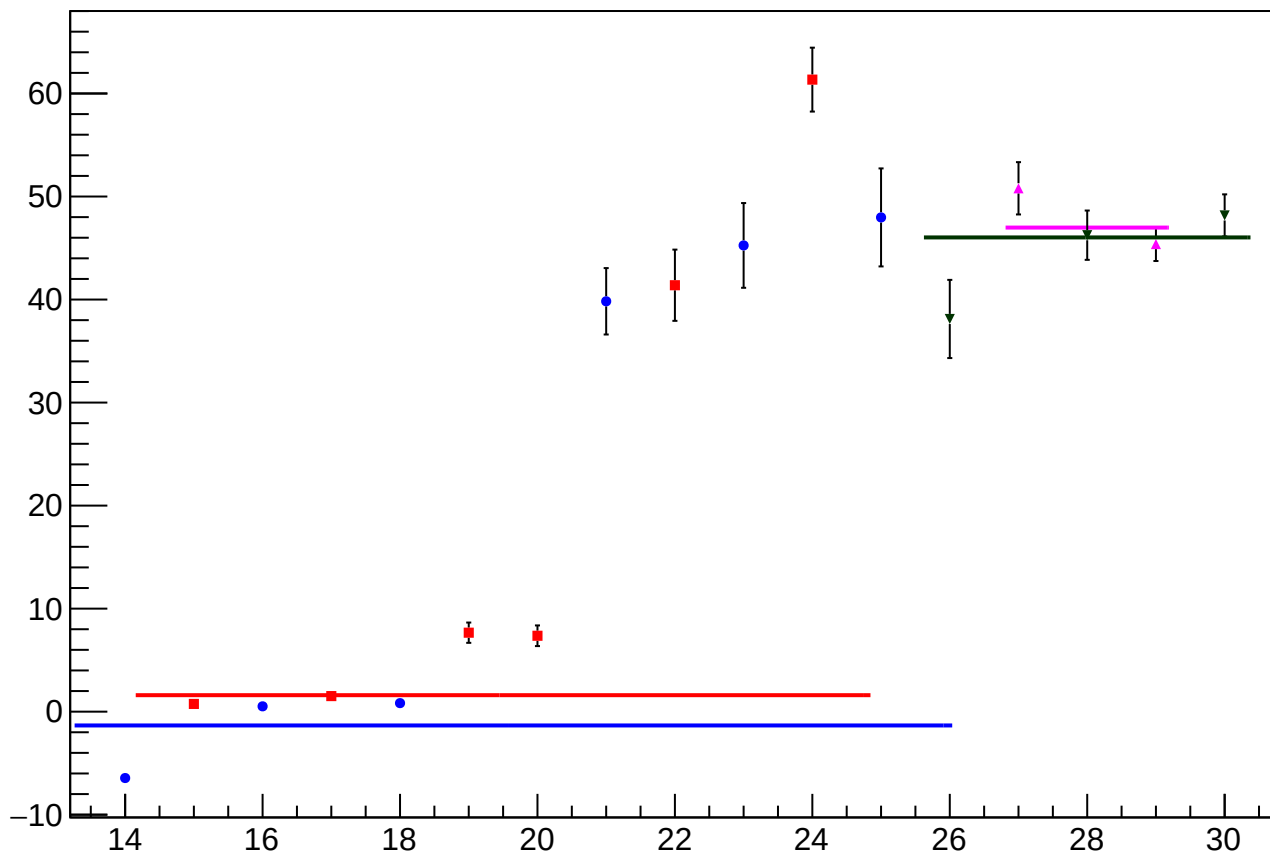
Right Out: 3.447 ± 0.672 χ^2/NDF : 36.7/5

Left In: 1.885 ± 0.914 χ^2/NDF : 11.1/1

-1.486 ± 0.512 χ^2/NDF : 489.9/8

2.899 ± 0.541 χ^2/NDF : 49.7/7

reg_asym_sam_48_avg_diff_bpm4aX_slope vs slug



Right In: -1.339+/-0.148 χ^2/NDF : 884.5/5

Left Out: 46.029+/-1.438 χ^2/NDF : 5.5/2

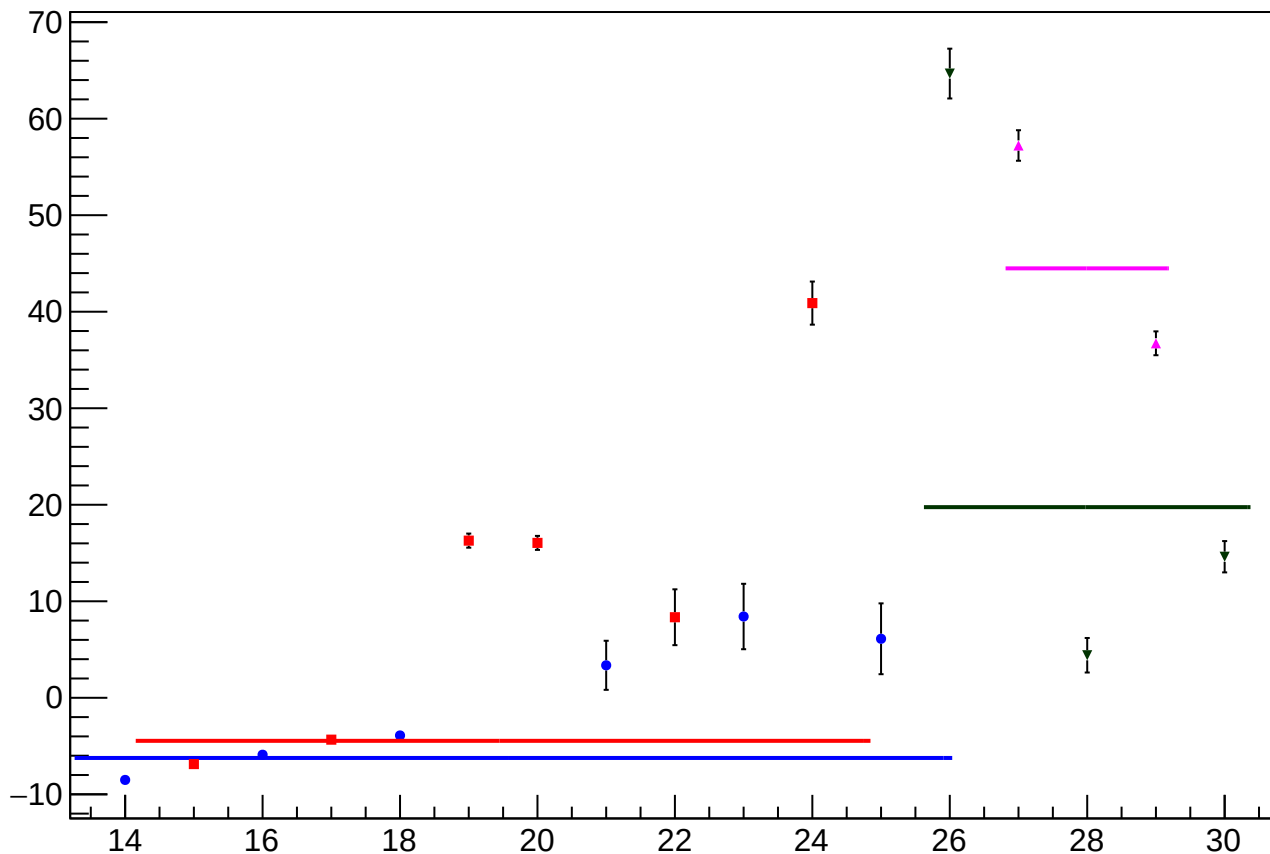
Right Out: 1.599+/-0.152 χ^2/NDF : 591.7/5

Left In: 46.985+/-1.380 χ^2/NDF : 3.2/1

-0.843+/-0.147 χ^2/NDF : 1963.6/8

2.141+/-0.151 χ^2/NDF : 1663.4/7

reg_asym_sam_48_avg_diff_bpm4aY_slope vs slug



Right In: -6.233+/-0.111 χ^2/NDF : 289.4/5

Left Out: 19.753+/-1.089 χ^2/NDF :386.7/2

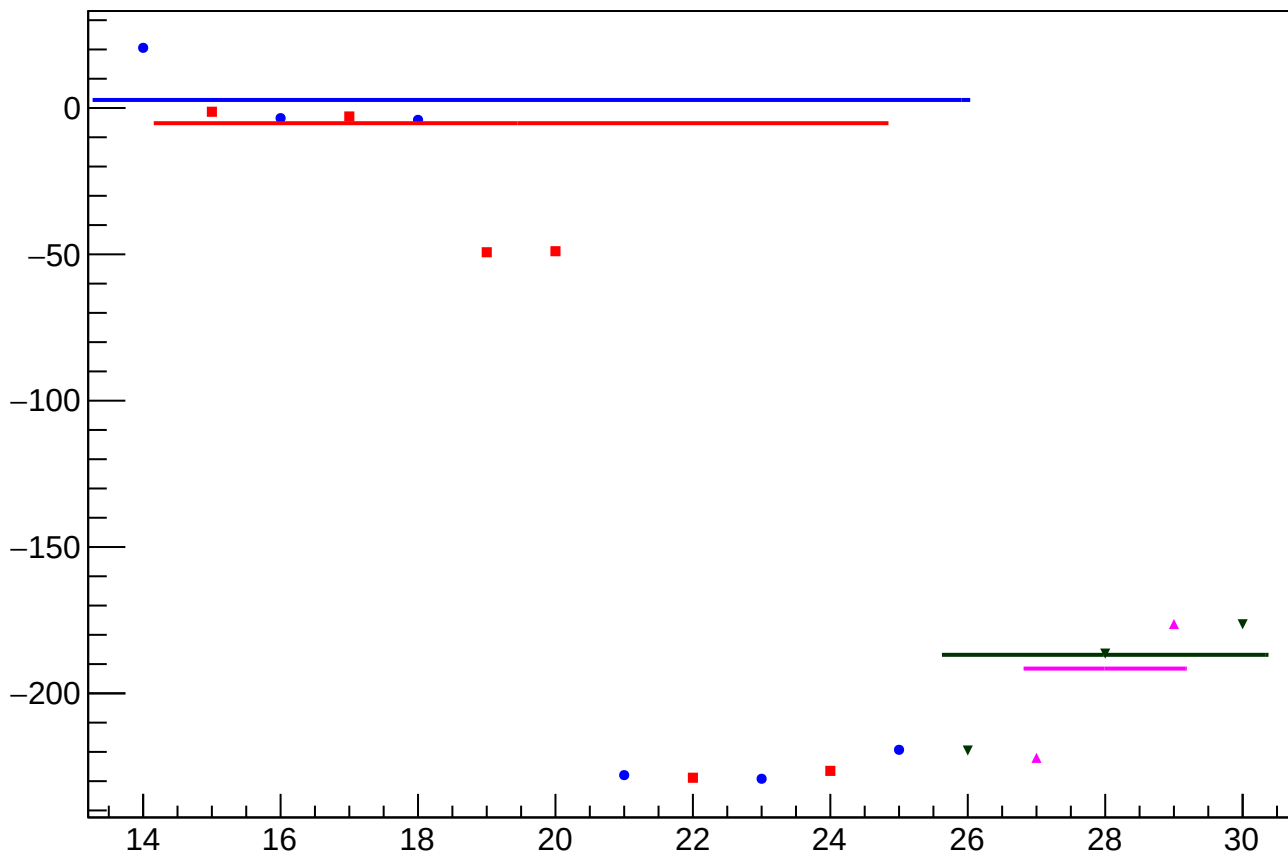
Right Out: -4.459+/-0.116 χ^2/NDF : 2258.9/5

Left In: 44.491+/-0.974 χ^2/NDF :104.2/1

-5.967+/-0.110 χ^2/NDF : 1239.3/8

-3.778+/-0.115 χ^2/NDF : 4854.7/7

reg_asym_sam_48_avg_diff_bpm4eX_slope vs slug



Right In: 2.752 ± 0.029 χ^2/NDF : 488311.7/5

Left Out: -186.832 ± 0.247 χ^2/NDF : 3707.2/2

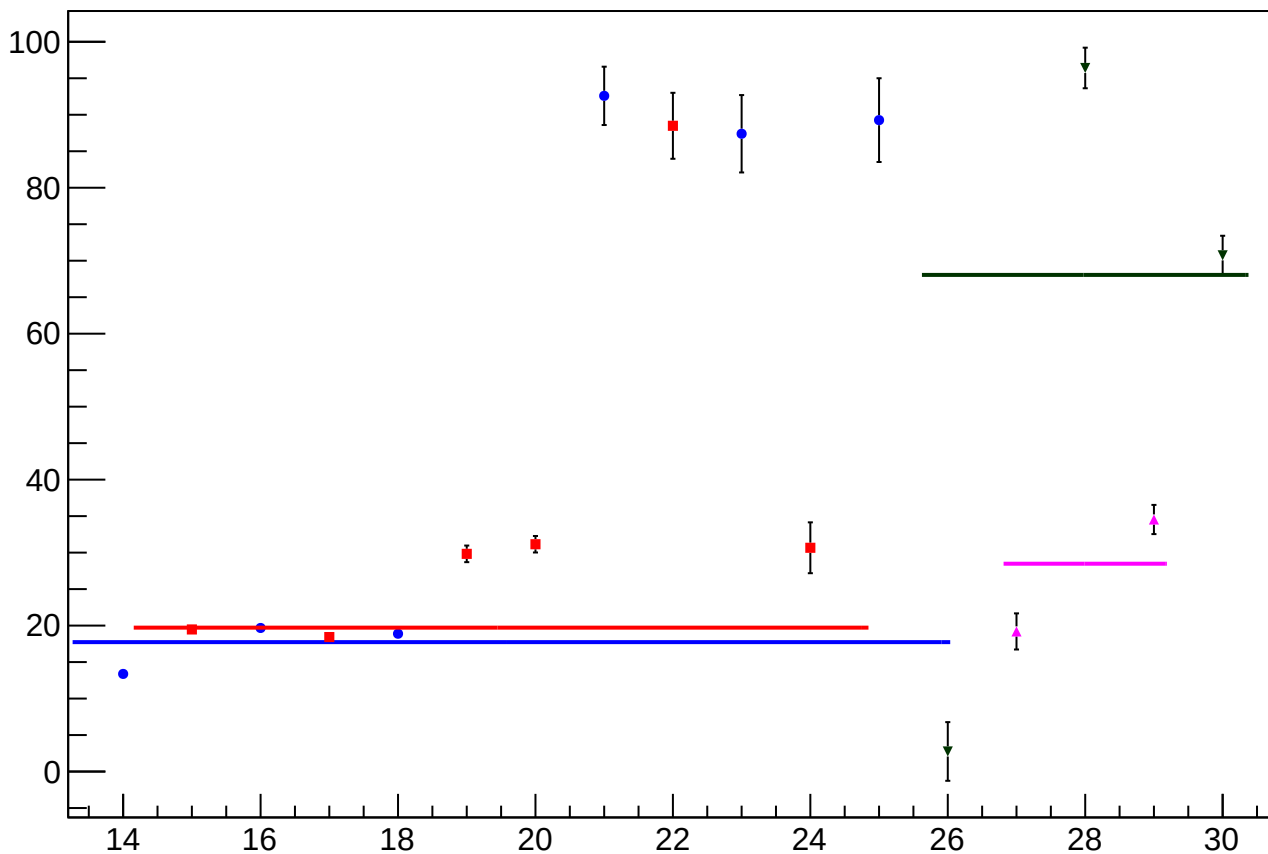
Right Out: -5.193 ± 0.029 χ^2/NDF : 390104.4/5

Left In: -191.532 ± 0.261 χ^2/NDF : 6792.1/1

0.188 ± 0.029 χ^2/NDF : 1073169.2/8

-7.508 ± 0.029 χ^2/NDF : 898403.0/7

reg_asym_sam_48_avg_diff_bpm4eY_slope vs slug



Right In: 17.734 $\pm$ 0.174 χ^2 /NDF: 947.0/5

Left Out: 68.054 $\pm$ 1.740 χ^2 /NDF: 368.8/2

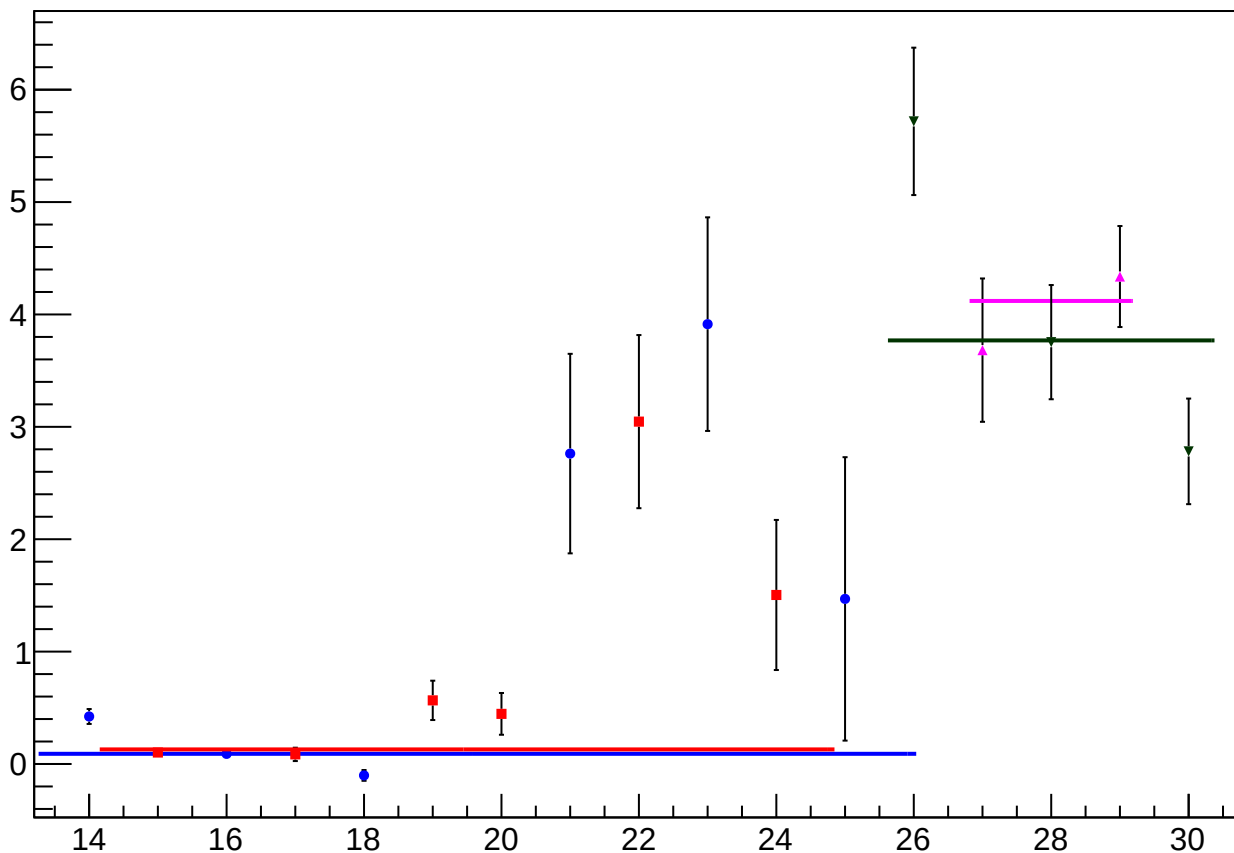
Right Out: 19.719 $\pm$ 0.180 χ^2 /NDF: 445.5/5

Left In: 28.478 $\pm$ 1.556 χ^2 /NDF: 23.2/1

18.230 $\pm$ 0.173 χ^2 /NDF: 2144.2/8

19.835 $\pm$ 0.179 χ^2 /NDF: 500.1/7

reg_asym_sam_48_avg_diff_bpm11X_slope vs slug



Right In: 0.091 ± 0.029 χ^2/NDF : 67.5/5

Left Out: 3.769 ± 0.305 χ^2/NDF : 13.3/2

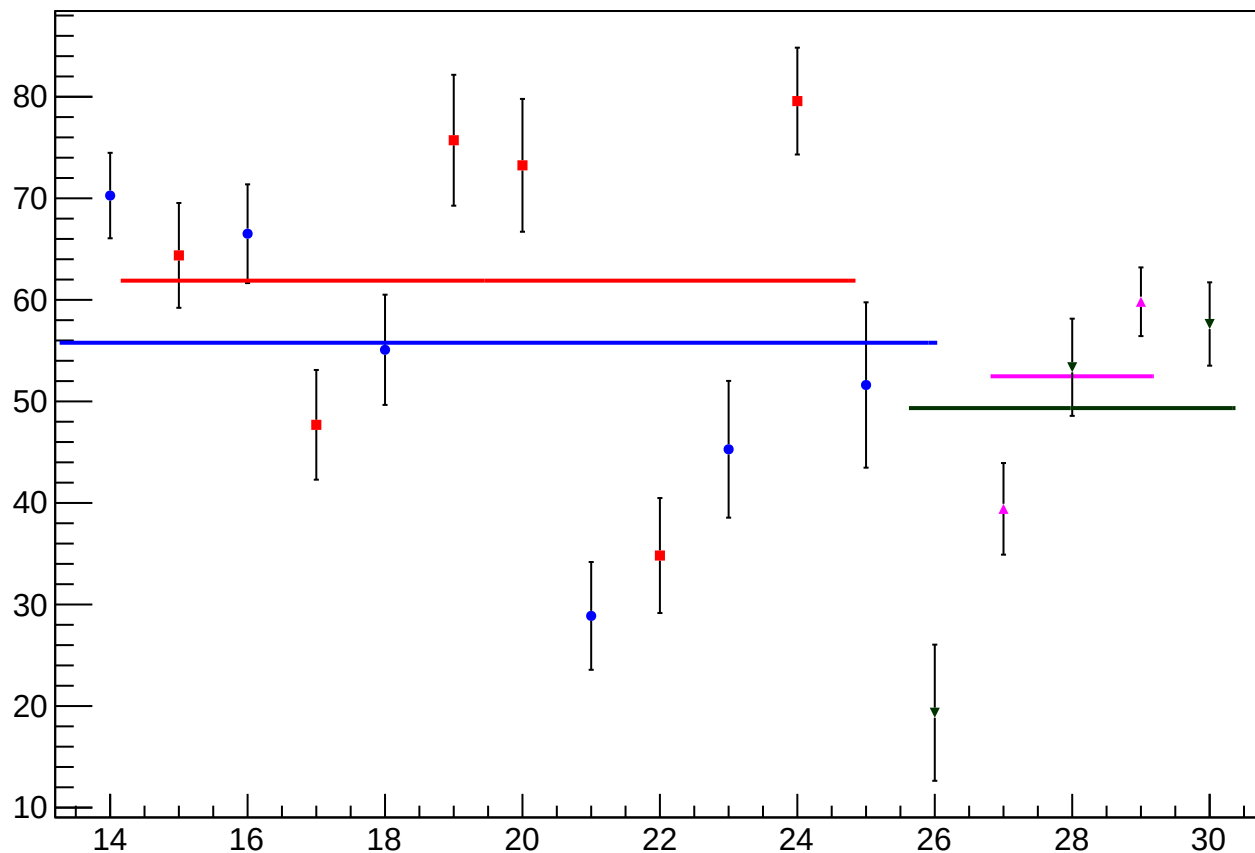
Right Out: 0.130 ± 0.031 χ^2/NDF : 28.8/5

Left In: 4.120 ± 0.367 χ^2/NDF : 0.7/1

0.123 ± 0.029 χ^2/NDF : 224.7/8

0.158 ± 0.031 χ^2/NDF : 146.6/7

reg_asym_sam_48_dd_diff_bpm4aX_slope vs slug



Right In: 55.778+/-2.207 χ^2/NDF : 45.1/5

Left Out: 49.342+/-2.825 χ^2/NDF : 24.8/2

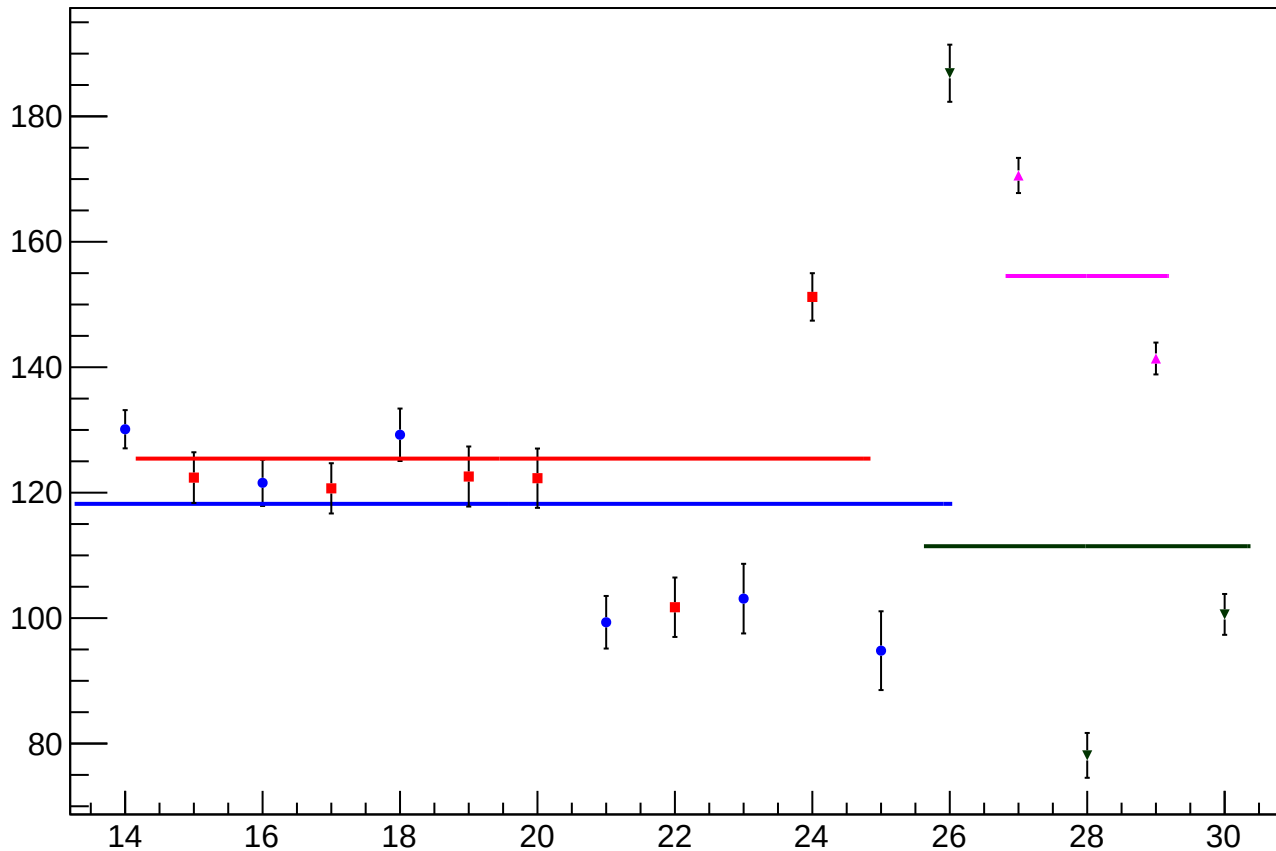
Right Out: 61.891+/-2.315 χ^2/NDF : 48.9/5

Left In: 52.474+/-2.706 χ^2/NDF : 13.1/1

53.339+/-1.739 χ^2/NDF : 73.2/8

57.912+/-1.759 χ^2/NDF : 69.0/7

reg_asym_sam_48_dd_diff_bpm4aY_slope vs slug



Right In: 118.217 ± 1.682 χ^2/NDF : 64.6/5

Left Out: 111.463 ± 2.129 χ^2/NDF : 372.2/2

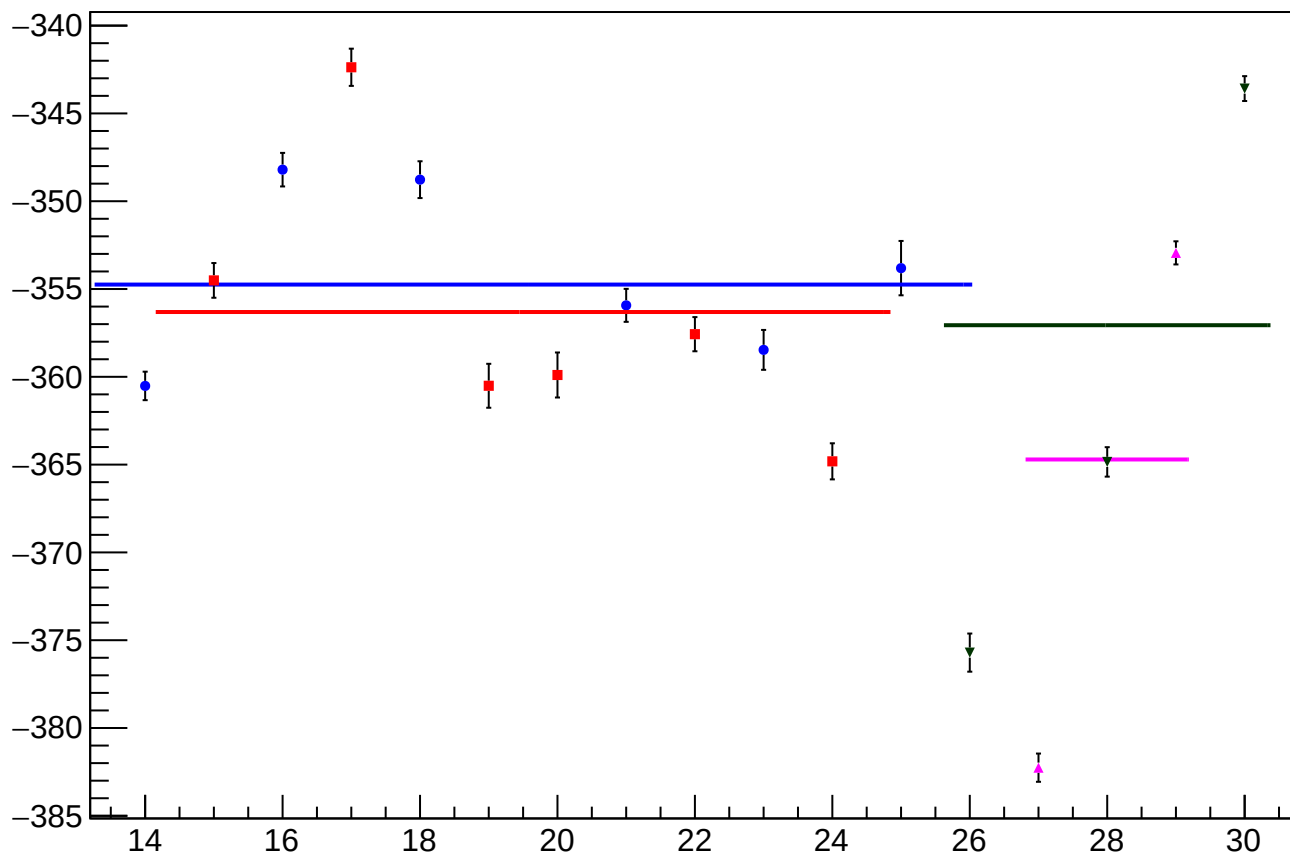
Right Out: 125.431 ± 1.751 χ^2/NDF : 74.2/5

Left In: 154.548 ± 1.882 χ^2/NDF : 59.5/1

115.620 ± 1.320 χ^2/NDF : 443.0/8

138.938 ± 1.282 χ^2/NDF : 262.0/7

reg_asym_sam_48_dd_diff_bpm4eX_slope vs slug



Right In: -354.747+/-0.413 χ^2/NDF : 142.7/5

Left Out: -357.061+/-0.484 χ^2/NDF : 743.0/2

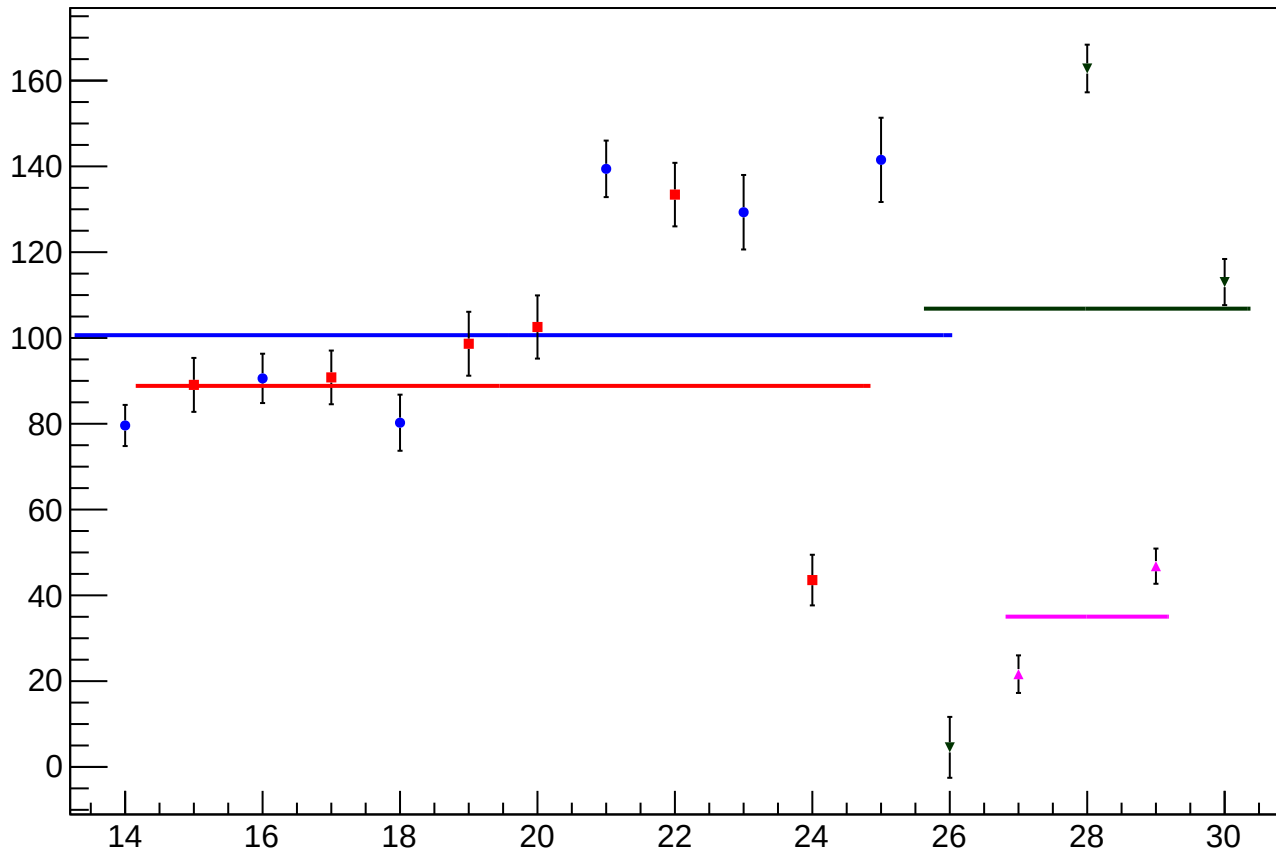
Right Out: -356.310+/-0.440 χ^2/NDF : 265.5/5

Left In: -364.708+/-0.510 χ^2/NDF : 795.3/1

-355.722+/-0.314 χ^2/NDF : 898.9/8

-359.897+/-0.333 χ^2/NDF : 1216.4/7

reg_asym_sam_48_dd_diff_bpm4eY_slope vs slug



Right In: 100.650 ± 2.637 χ^2/NDF : 94.9/5

Left Out: 106.833 ± 3.394 χ^2/NDF : 310.5/2

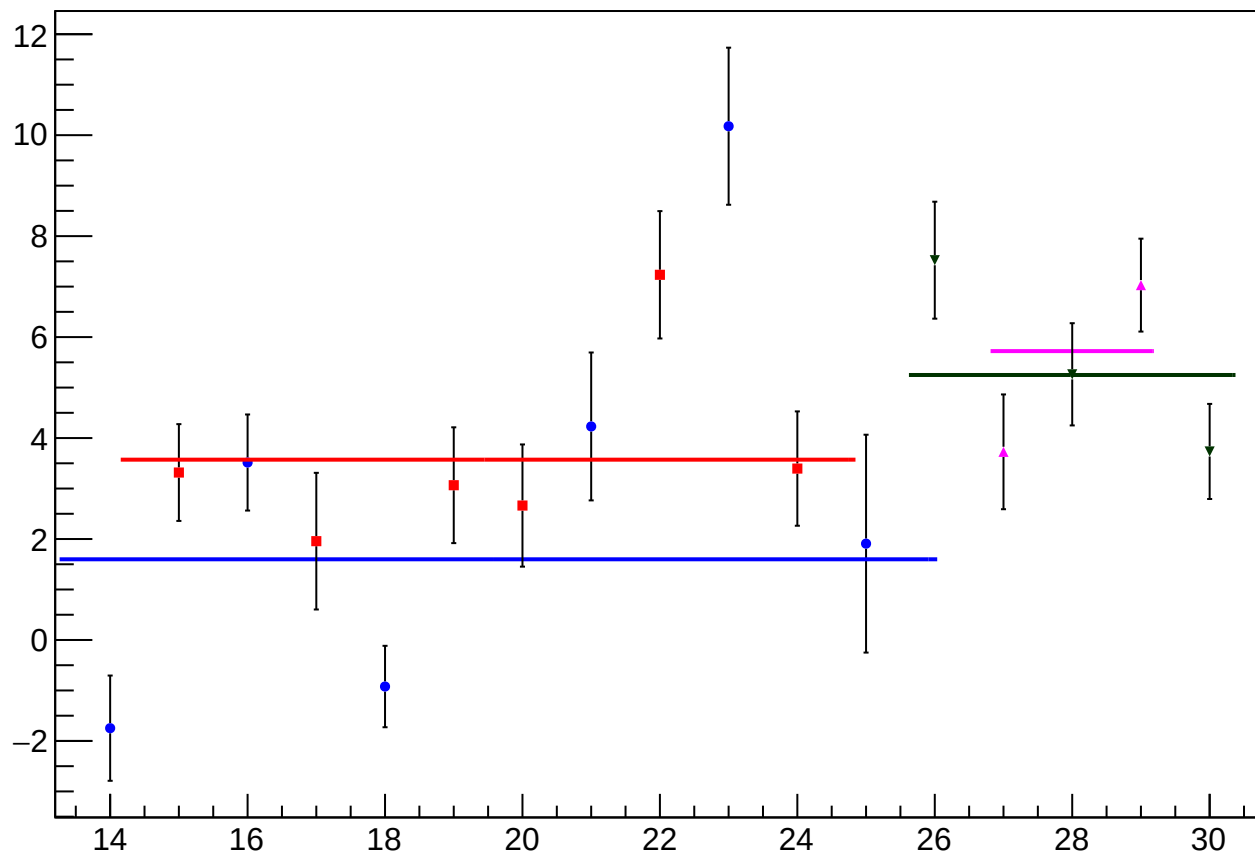
Right Out: 88.831 ± 2.730 χ^2/NDF : 100.4/5

Left In: 35.037 ± 2.995 χ^2/NDF : 17.6/1

102.978 ± 2.082 χ^2/NDF : 407.5/8

64.421 ± 2.017 χ^2/NDF : 294.2/7

reg_asym_sam_48_dd_diff_bpm11X_slope vs slug



Right In: 1.598 $\pm$ 0.463 χ^2 /NDF: 57.8/5

Left Out: 5.249 $\pm$ 0.593 χ^2 /NDF: 6.4/2

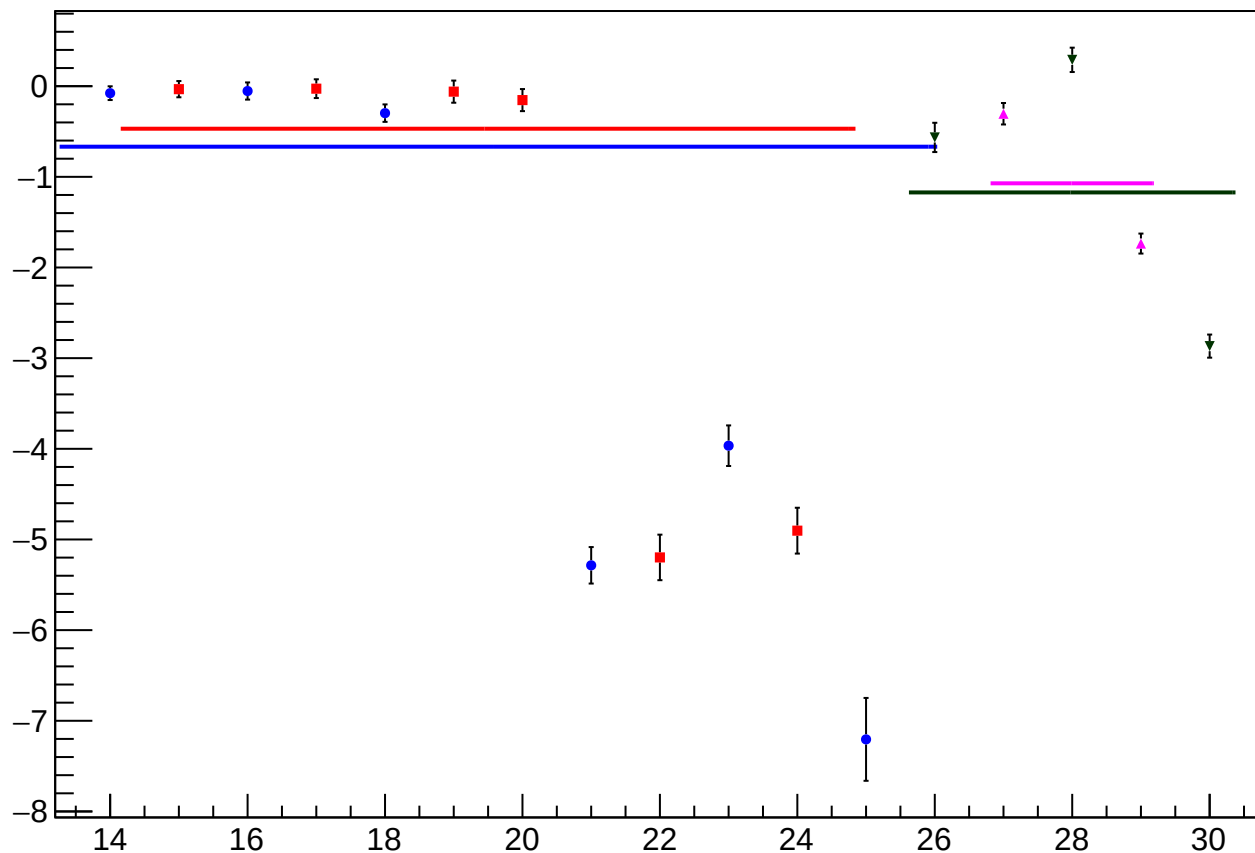
Right Out: 3.572 $\pm$ 0.472 χ^2 /NDF: 10.7/5

Left In: 5.722 $\pm$ 0.715 χ^2 /NDF: 5.1/1

2.984 $\pm$ 0.365 χ^2 /NDF: 87.8/8

4.225 $\pm$ 0.394 χ^2 /NDF: 22.1/7

reg_asym_bcm_an_ds3_diff_bpm4aX_slope vs slug



Right In: -0.667 ± 0.048 χ^2/NDF : 1066.0/5

Left Out: -1.172 ± 0.080 χ^2/NDF : 309.6/2

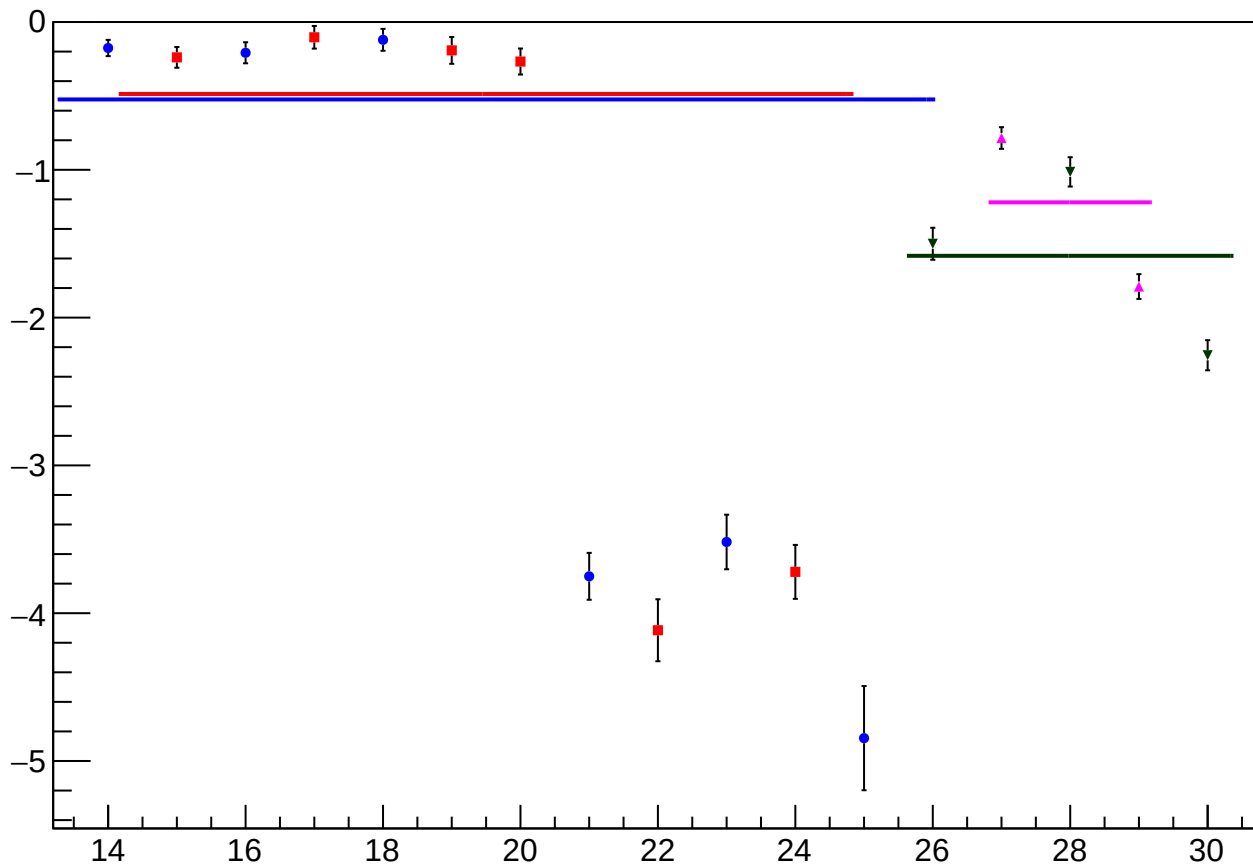
Right Out: -0.469 ± 0.051 χ^2/NDF : 722.2/5

Left In: -1.072 ± 0.081 χ^2/NDF : 78.4/1

-0.798 ± 0.041 χ^2/NDF : 1404.8/8

-0.641 ± 0.043 χ^2/NDF : 840.4/7

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs slug



Right In: -0.524 ± 0.036 χ^2/NDF : 916.5/5

Left Out: -1.582 ± 0.059 χ^2/NDF : 76.8/2

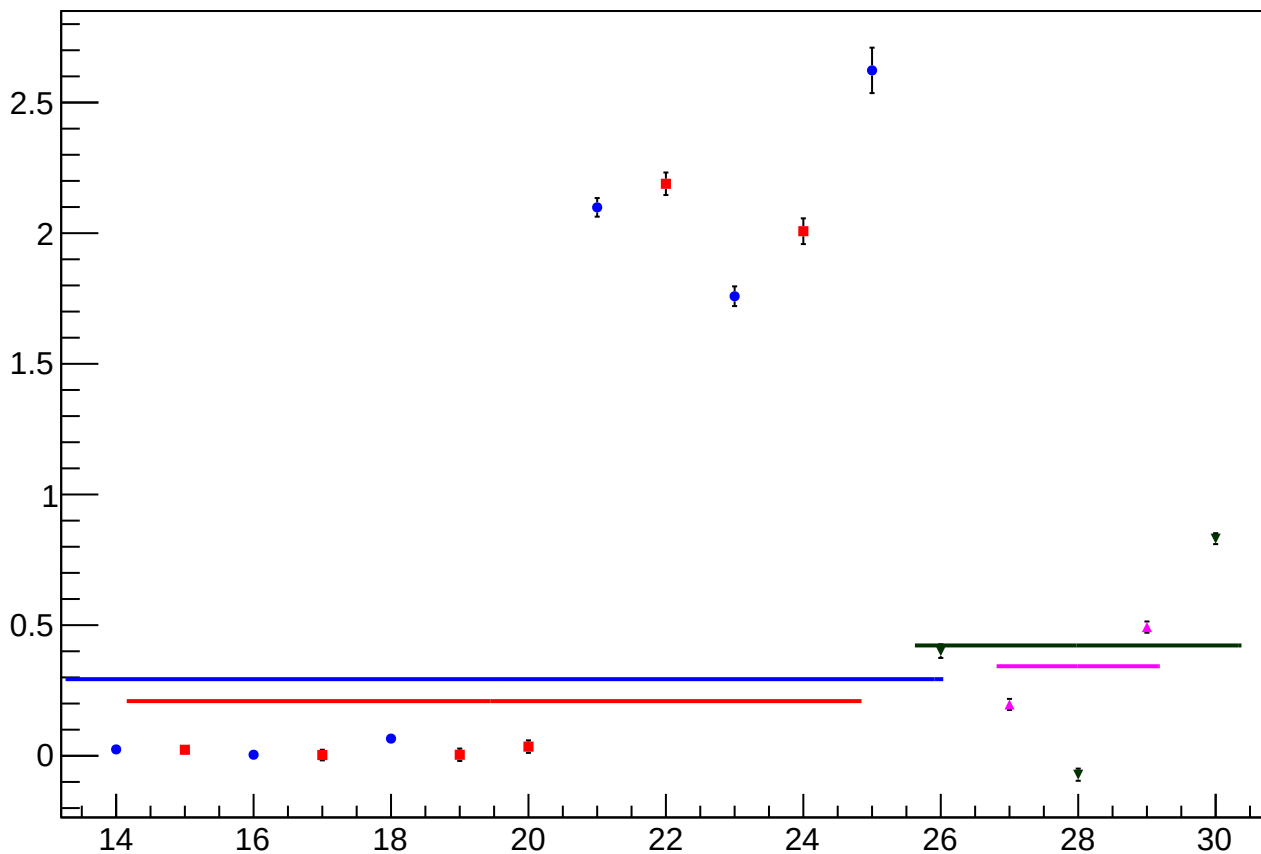
Right Out: -0.487 ± 0.038 χ^2/NDF : 667.8/5

Left In: -1.220 ± 0.055 χ^2/NDF : 81.6/1

-0.804 ± 0.031 χ^2/NDF : 1226.4/8

-0.727 ± 0.032 χ^2/NDF : 868.4/7

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs slug



Right In: 0.293 ± 0.009 χ^2/NDF : 5530.8/5

Left Out: 0.422 ± 0.013 χ^2/NDF : 833.7/2

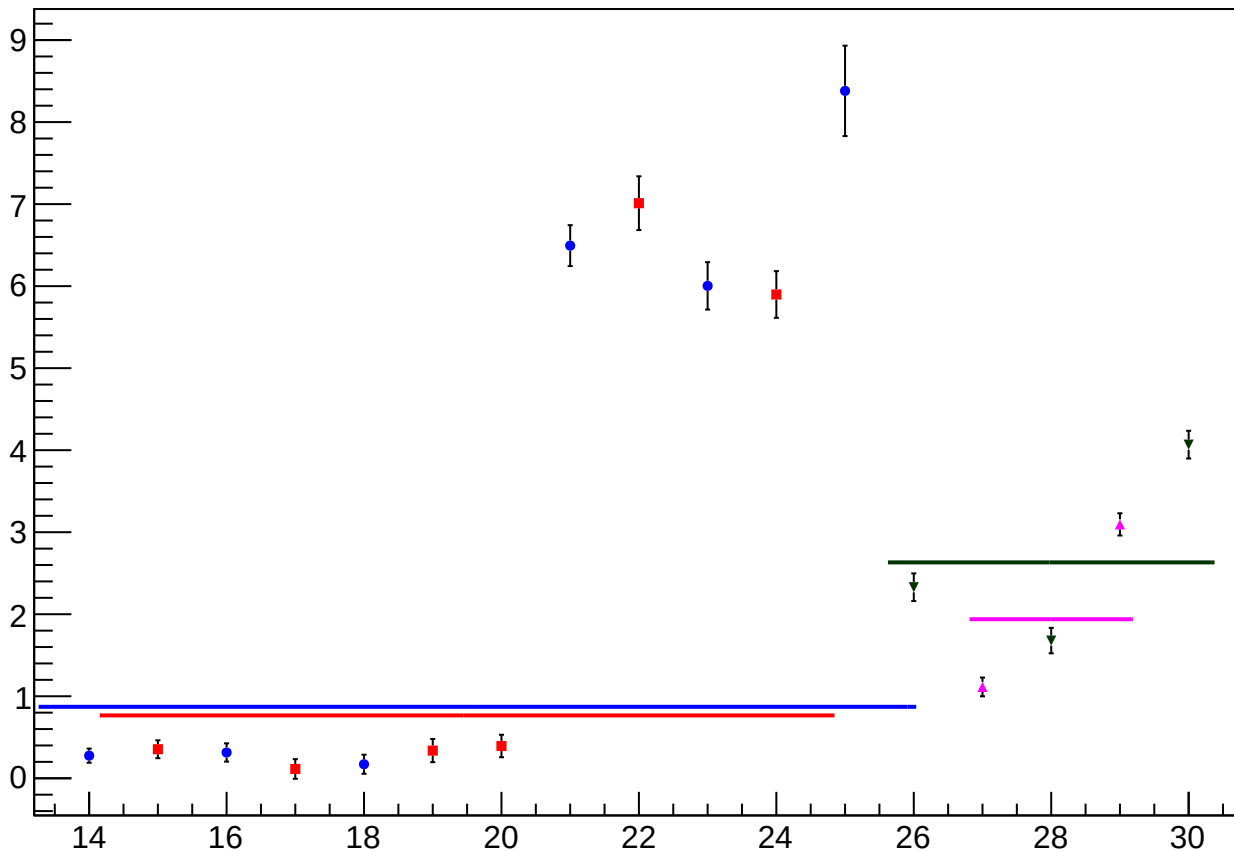
0.334 ± 0.008 χ^2/NDF : 6428.3/8

Right Out: 0.209 ± 0.010 χ^2/NDF : 3791.2/5

0.249 ± 0.008 χ^2/NDF : 3941.4/7

Left In: 0.343 ± 0.015 χ^2/NDF : 95.6/1

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs slug



Right In: 0.871+/-0.056 χ^2/NDF : 1117.6/5

Left Out: 2.632+/-0.095 χ^2/NDF :113.0/2

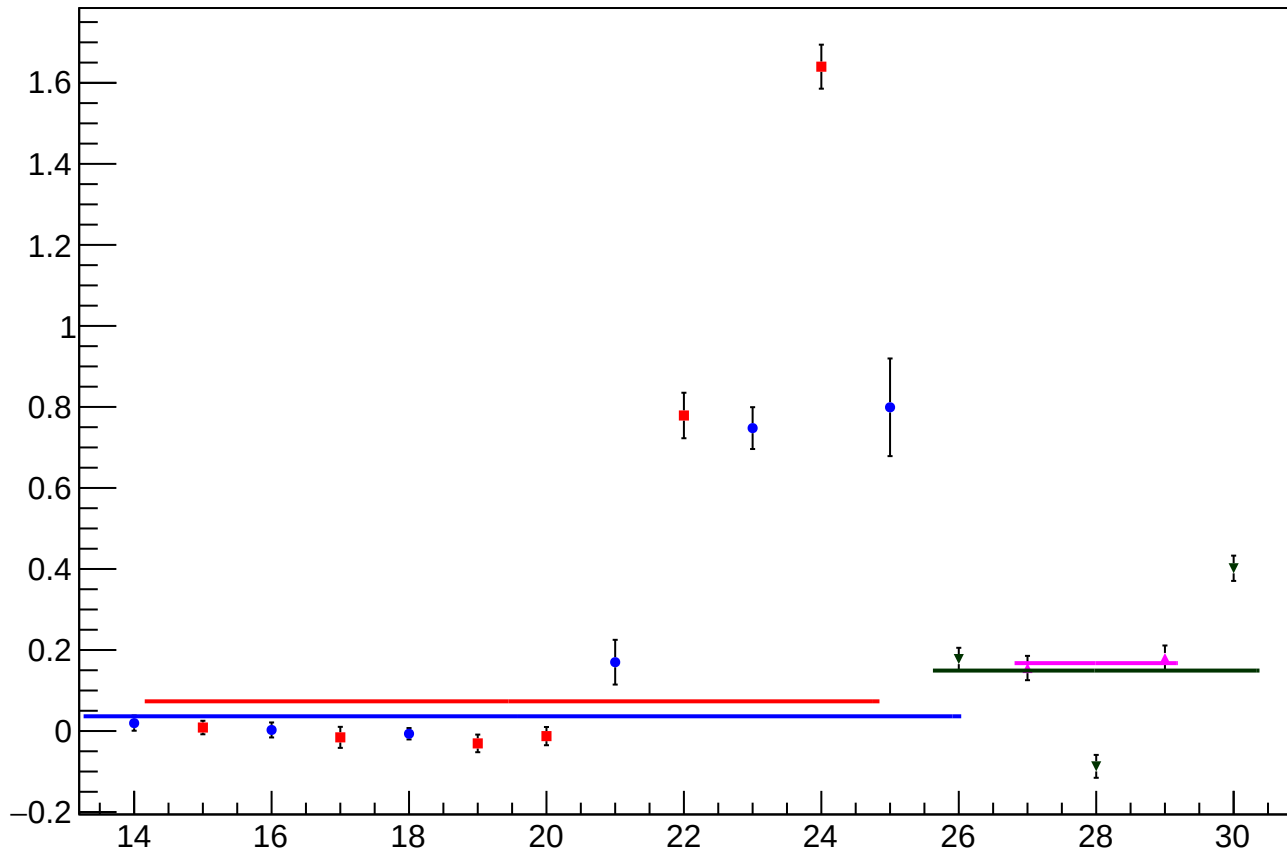
Right Out: 0.766+/-0.060 χ^2/NDF : 748.6/5

Left In: 1.939+/-0.087 χ^2/NDF :124.9/1

1.327+/-0.048 χ^2/NDF : 1487.2/8

1.141+/-0.049 χ^2/NDF : 996.0/7

reg_asym_bcm_an_ds3_diff_bpm11X_slope vs slug



Right In: 0.036+/-0.009 χ^2/NDF : 249.2/5

Left Out: 0.149+/-0.017 χ^2/NDF : 136.6/2

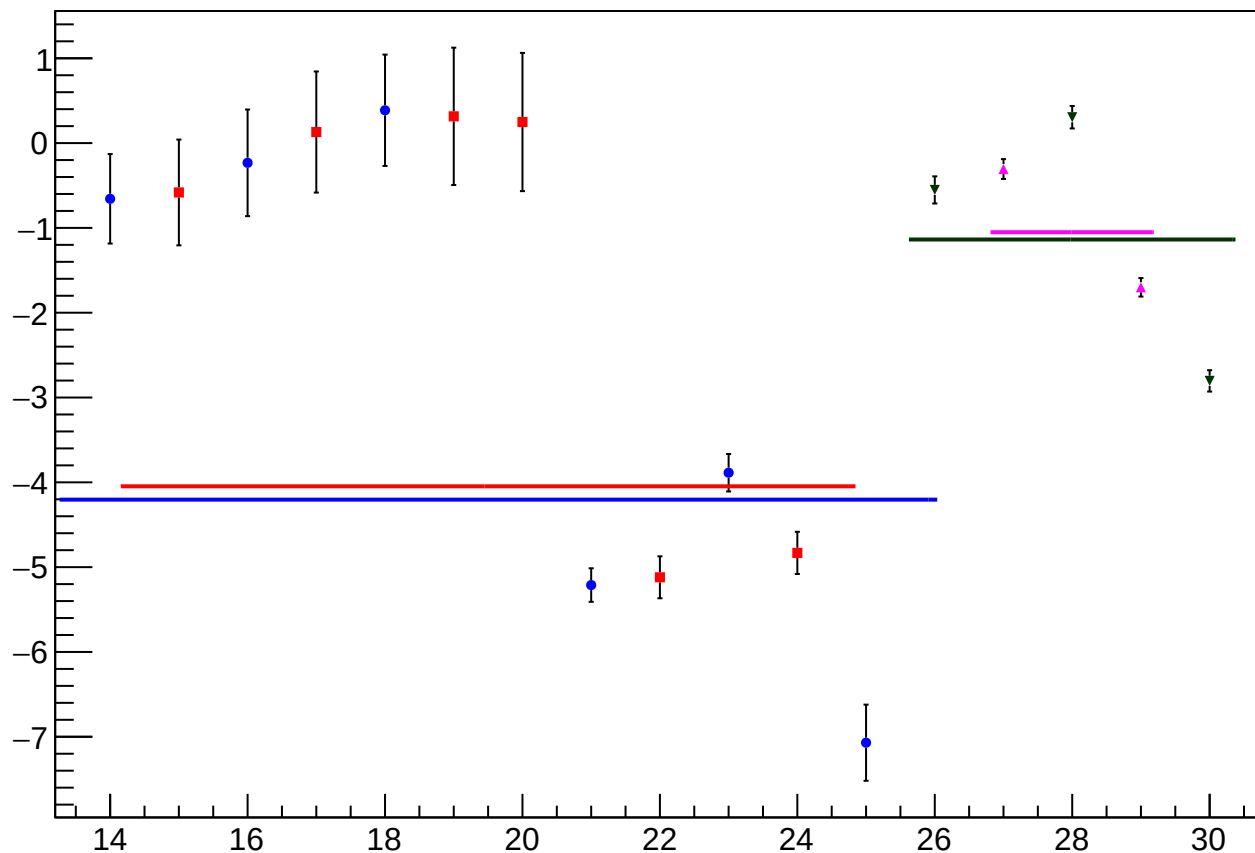
Right Out: 0.073+/-0.010 χ^2/NDF : 1053.4/5

Left In: 0.168+/-0.022 χ^2/NDF : 0.3/1

0.063+/-0.008 χ^2/NDF : 420.6/8

0.090+/-0.009 χ^2/NDF : 1069.5/7

reg_asym_bcm_an_ds_diff_bpm4aX_slope vs slug



Right In: -4.204+/-0.130 χ^2/NDF : 202.7/5

Left Out: -1.971+/-0.068 χ^2/NDF : 916.7/8

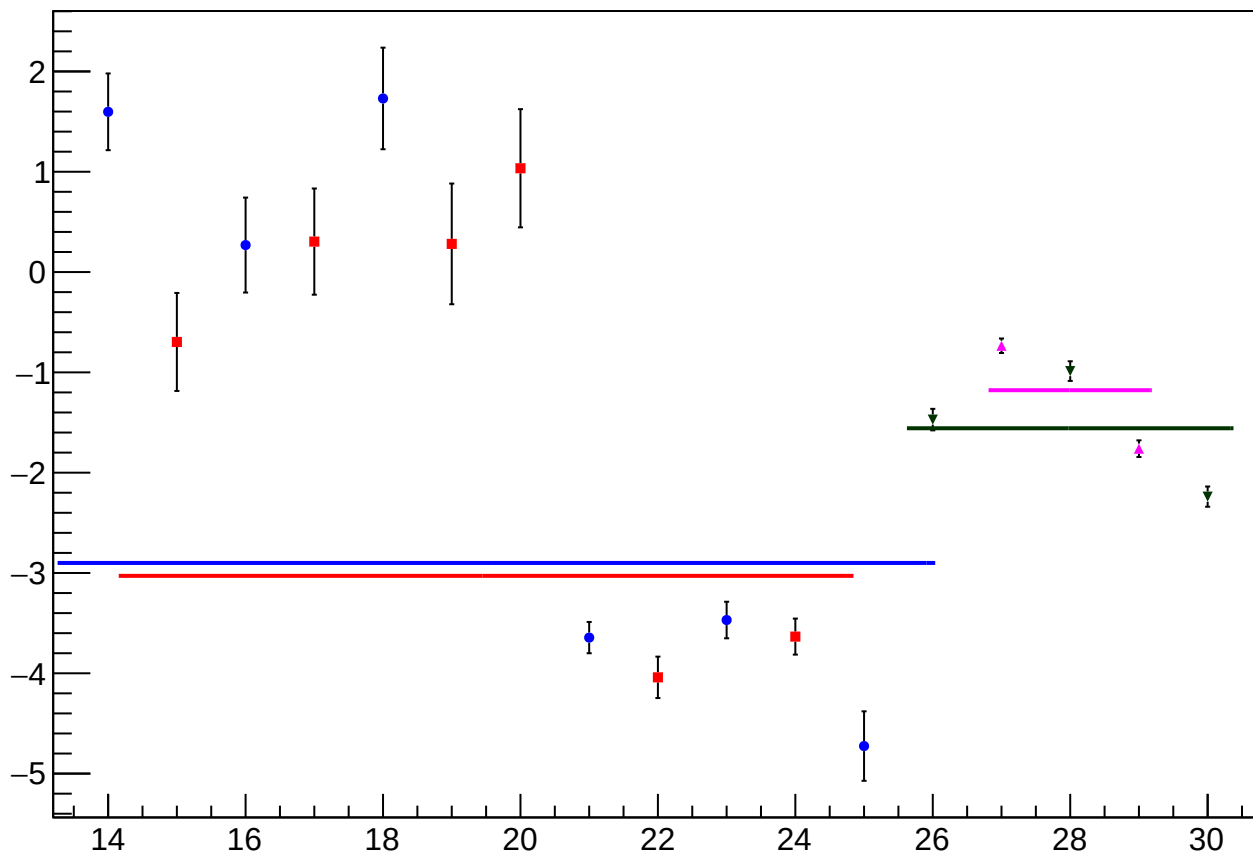
Right Out: -4.047+/-0.158 χ^2/NDF : 150.7/5

Left In: -1.051+/-0.080 χ^2/NDF : 75.9/1

-1.971+/-0.068 χ^2/NDF : 916.7/8

-1.660+/-0.071 χ^2/NDF : 513.1/7

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs slug



Right In: -2.900+/-0.103 χ^2 /NDF: 327.1/5

Left Out: -3.029+/-0.121 χ^2 /NDF: 175.6/5

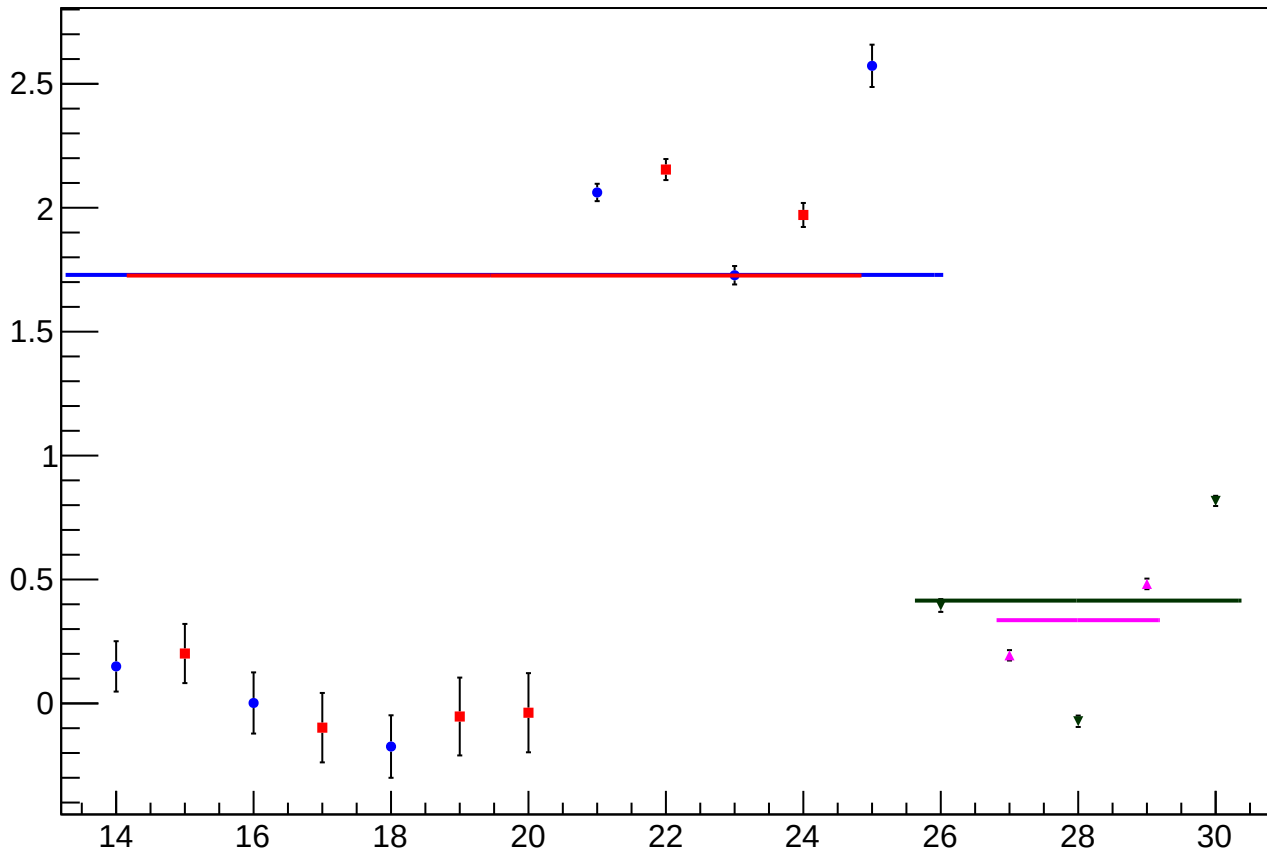
Right Out: -3.029+/-0.121 χ^2 /NDF: 175.6/5

Left In: -1.178+/-0.055 χ^2 /NDF: 86.8/1

-1.888+/-0.051 χ^2 /NDF: 536.1/8

-1.489+/-0.050 χ^2 /NDF: 455.8/7

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs slug



Right In: 1.729 $\pm$ 0.023 χ^2 /NDF: 853.0/5

Left Out: 0.415 $\pm$ 0.013 χ^2 /NDF: 829.1/2

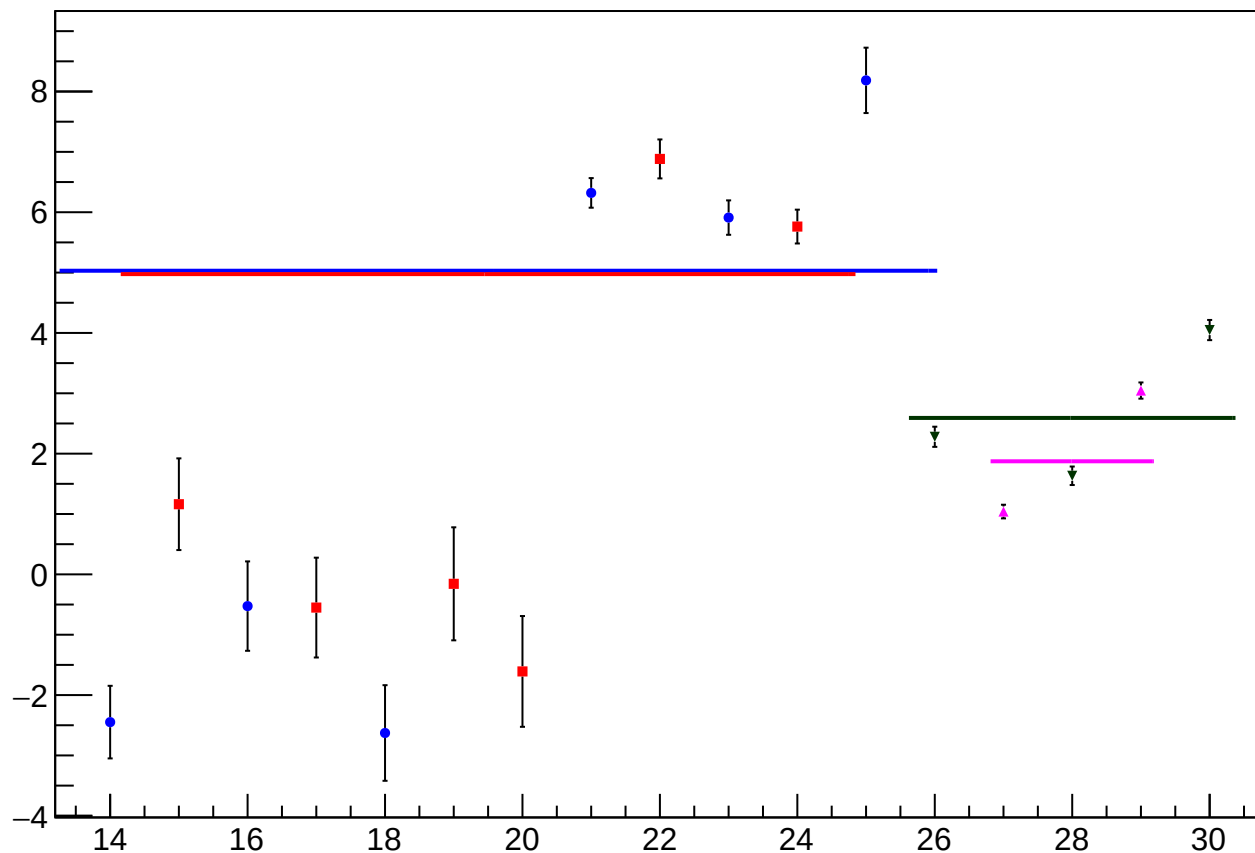
Right Out: 1.726 $\pm$ 0.029 χ^2 /NDF: 710.0/5

Left In: 0.336 $\pm$ 0.015 χ^2 /NDF: 92.6/1

0.742 $\pm$ 0.011 χ^2 /NDF: 4147.0/8

0.627 $\pm$ 0.013 χ^2 /NDF: 2608.3/7

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs slug



Right In: 5.031 $\pm$ 0.161 χ^2 /NDF: 375.5/5

Left Out: 2.592 $\pm$ 0.094 χ^2 /NDF:118.5/2

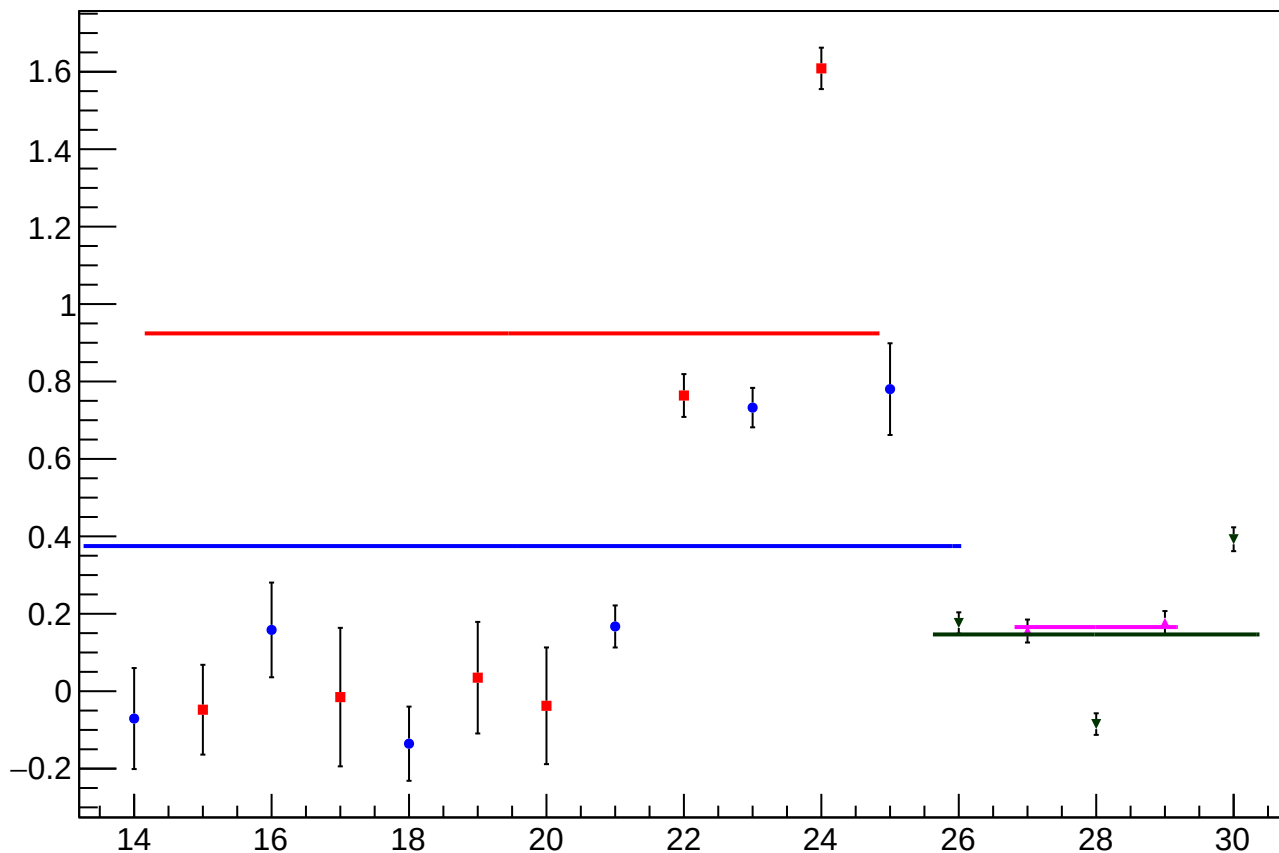
Right Out: 4.975 $\pm$ 0.189 χ^2 /NDF: 194.2/5

Left In: 1.873 $\pm$ 0.086 χ^2 /NDF:130.5/1

3.207 $\pm$ 0.081 χ^2 /NDF: 665.2/8

2.408 $\pm$ 0.079 χ^2 /NDF: 546.4/7

reg_asym_bcm_an_ds_diff_bpm11X_slope vs slug



Right In: 0.375 $\pm$ 0.031 χ^2/NDF : 118.8/5

Left Out: 0.147 $\pm$ 0.017 χ^2/NDF : 133.8/2

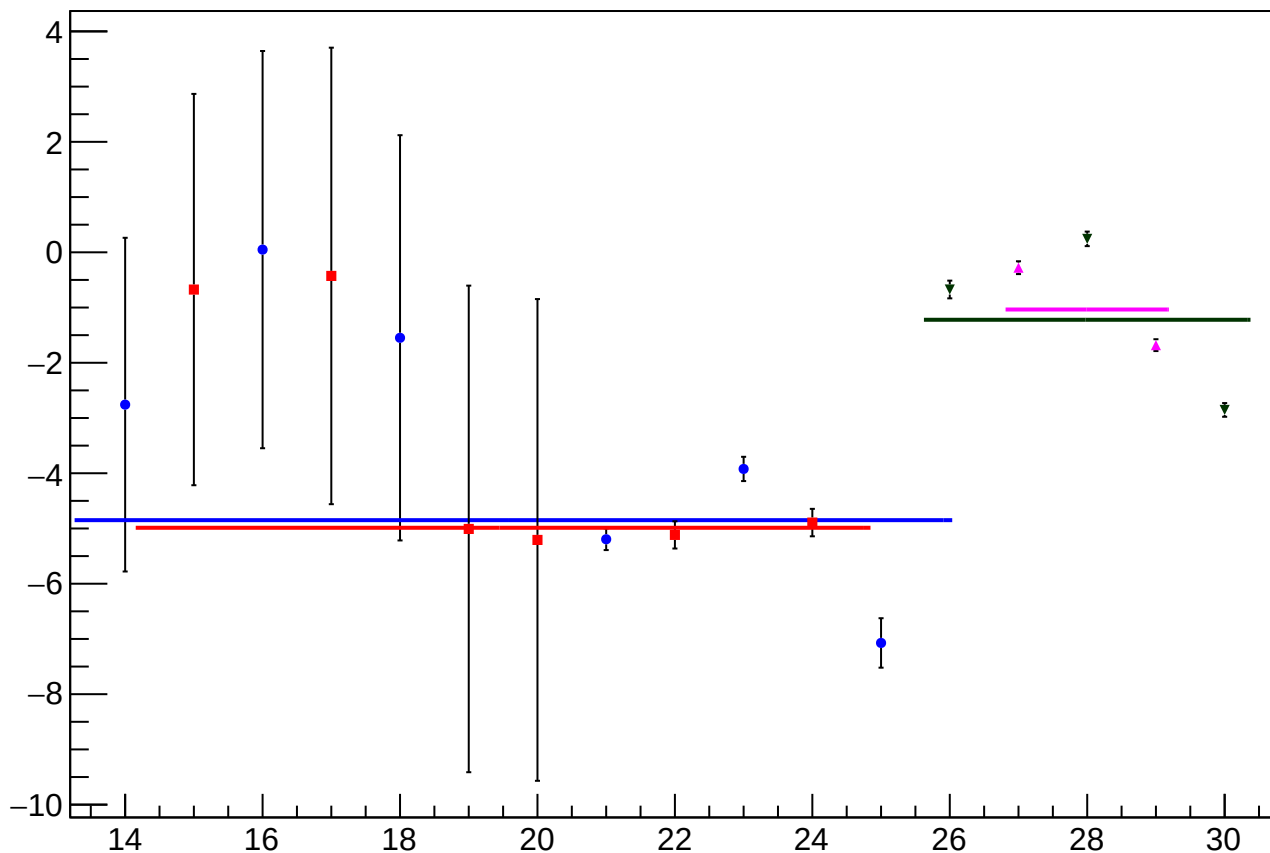
Right Out: 0.924 $\pm$ 0.034 χ^2/NDF : 348.8/5

Left In: 0.166 $\pm$ 0.021 χ^2/NDF : 0.2/1

0.197 $\pm$ 0.015 χ^2/NDF : 294.5/8

0.381 $\pm$ 0.018 χ^2/NDF : 709.5/7

reg_asym_bcm_an_us_diff_bpm4aX_slope vs slug



Right In: -4.849+/-0.139 χ^2/NDF : 48.7/5

Left Out: -1.221+/-0.079 χ^2/NDF : 308.4/2

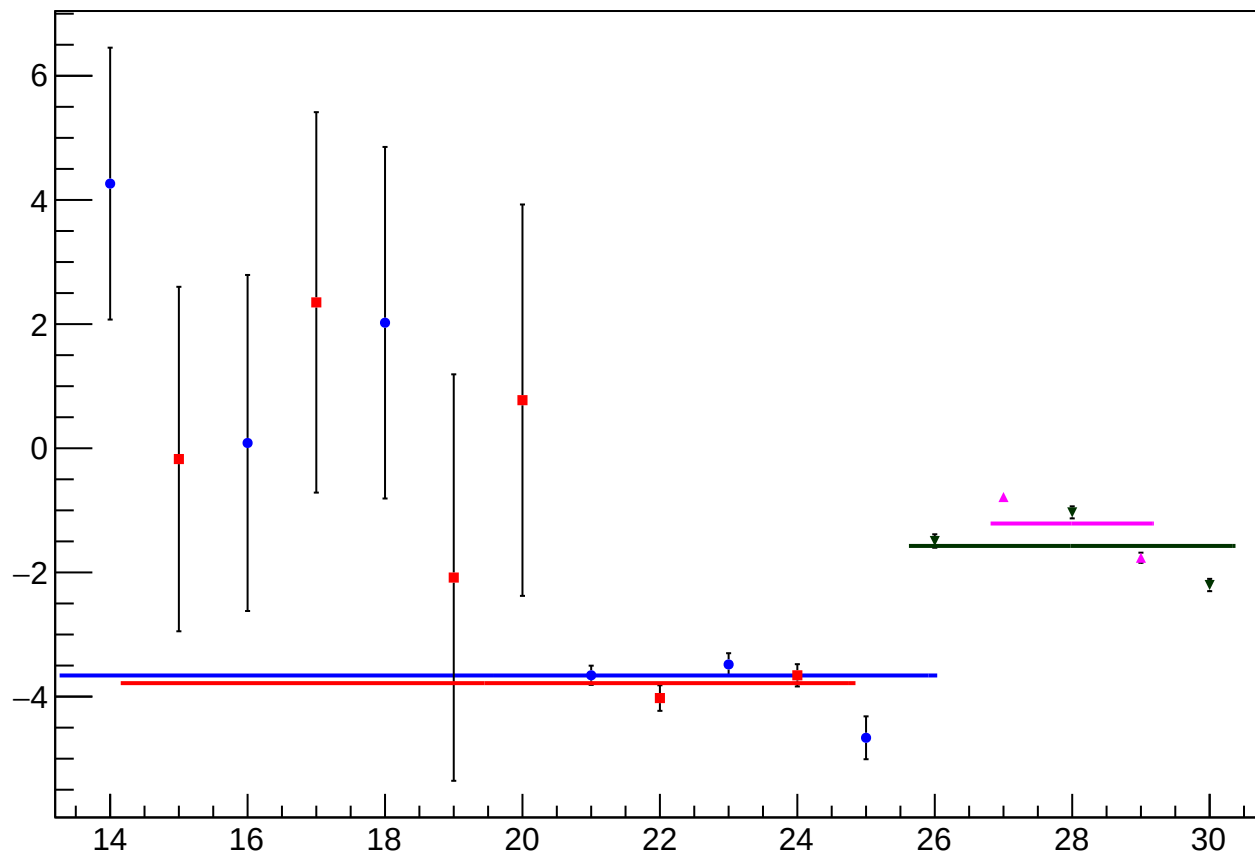
Right Out: -4.987+/-0.174 χ^2/NDF : 3.1/5

Left In: -1.036+/-0.079 χ^2/NDF : 78.8/1

-2.104+/-0.068 χ^2/NDF : 874.3/8

-1.704+/-0.072 χ^2/NDF : 508.3/7

reg_asym_bcm_an_us_diff_bpm4aY_slope vs slug



Right In: -3.660 ± 0.111 χ^2/NDF : 28.4/5

Left Out: -1.573 ± 0.058 χ^2/NDF : 71.7/2

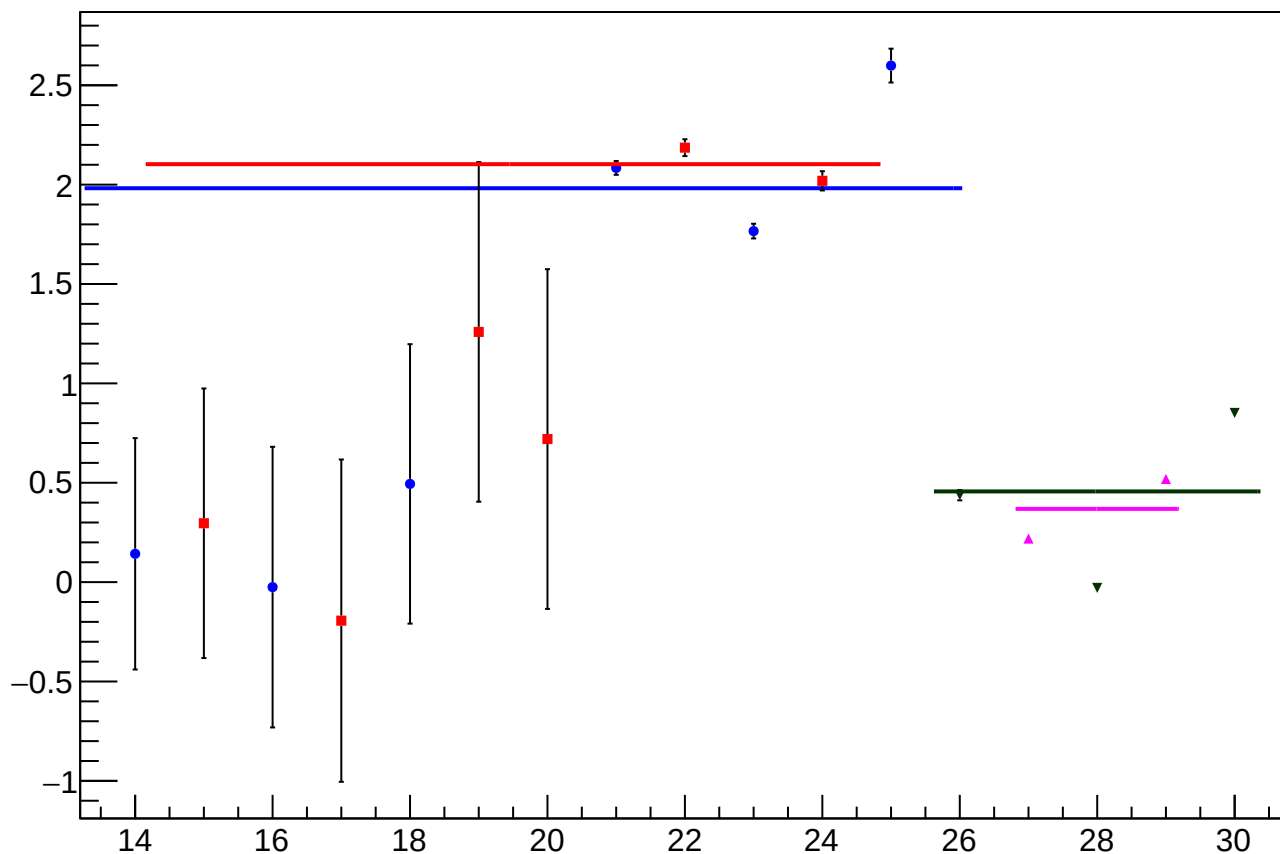
Right Out: -3.783 ± 0.135 χ^2/NDF : 9.9/5

Left In: -1.212 ± 0.054 χ^2/NDF : 81.1/1

-2.026 ± 0.052 χ^2/NDF : 376.6/8

-1.566 ± 0.050 χ^2/NDF : 405.0/7

reg_asym_bcm_an_us_diff_bpm4eX_slope vs slug



Right In: 1.982 ± 0.024 $\chi^2/\text{NDF}: 117.7/5$

Left Out: 0.456 ± 0.013 $\chi^2/\text{NDF}: 827.9/2$

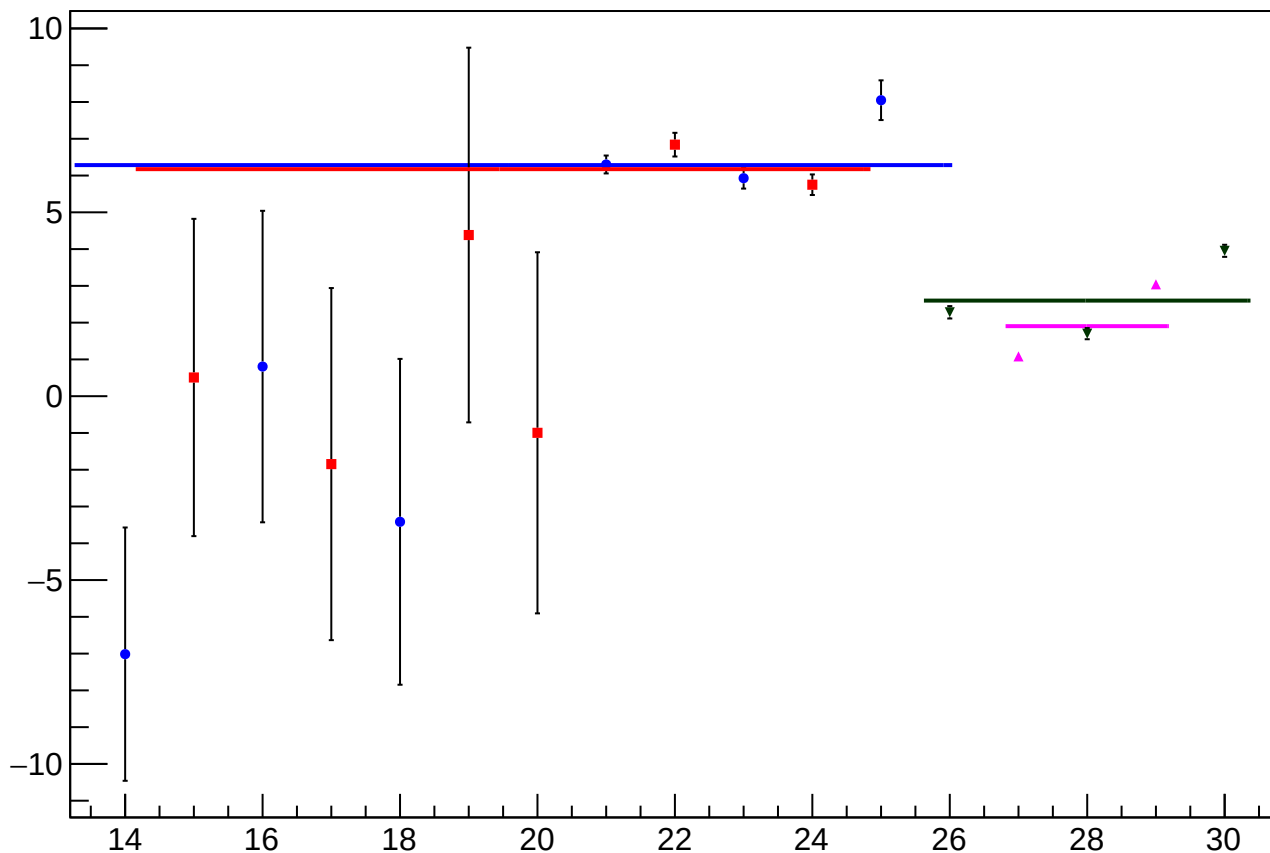
Right Out: 2.103 ± 0.032 $\chi^2/\text{NDF}: 25.6/5$

Left In: 0.369 ± 0.015 $\chi^2/\text{NDF}: 102.9/1$

0.802 ± 0.012 $\chi^2/\text{NDF}: 4012.2/8$

0.677 ± 0.013 $\chi^2/\text{NDF}: 2578.2/7$

reg_asym_bcm_an_us_diff_bpm4eY_slope vs slug



Right In: 6.284 $\pm$ 0.174 χ^2 /NDF: 33.6/5

Left Out: 2.599 $\pm$ 0.093 χ^2 /NDF:106.2/2

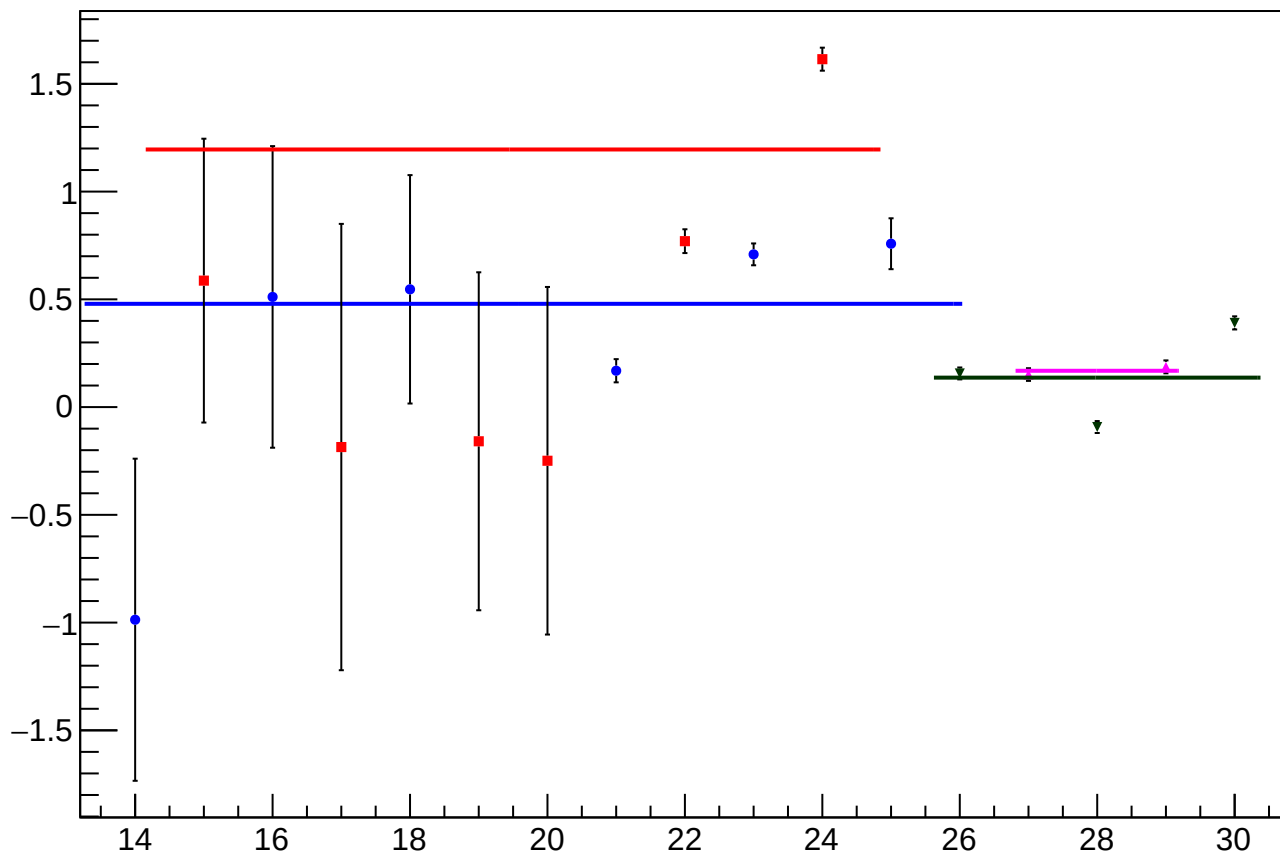
Right Out: 6.174 $\pm$ 0.210 χ^2 /NDF: 13.4/5

Left In: 1.904 $\pm$ 0.085 χ^2 /NDF:128.4/1

3.418 $\pm$ 0.082 χ^2 /NDF: 487.7/8

2.508 $\pm$ 0.079 χ^2 /NDF: 495.3/7

reg_asym_bcm_an_us_diff_bpm11X_slope vs slug



Right In: 0.479 $\pm$ 0.035 χ^2/NDF : 63.2/5

Left Out: 0.137 $\pm$ 0.016 χ^2/NDF : 138.6/2

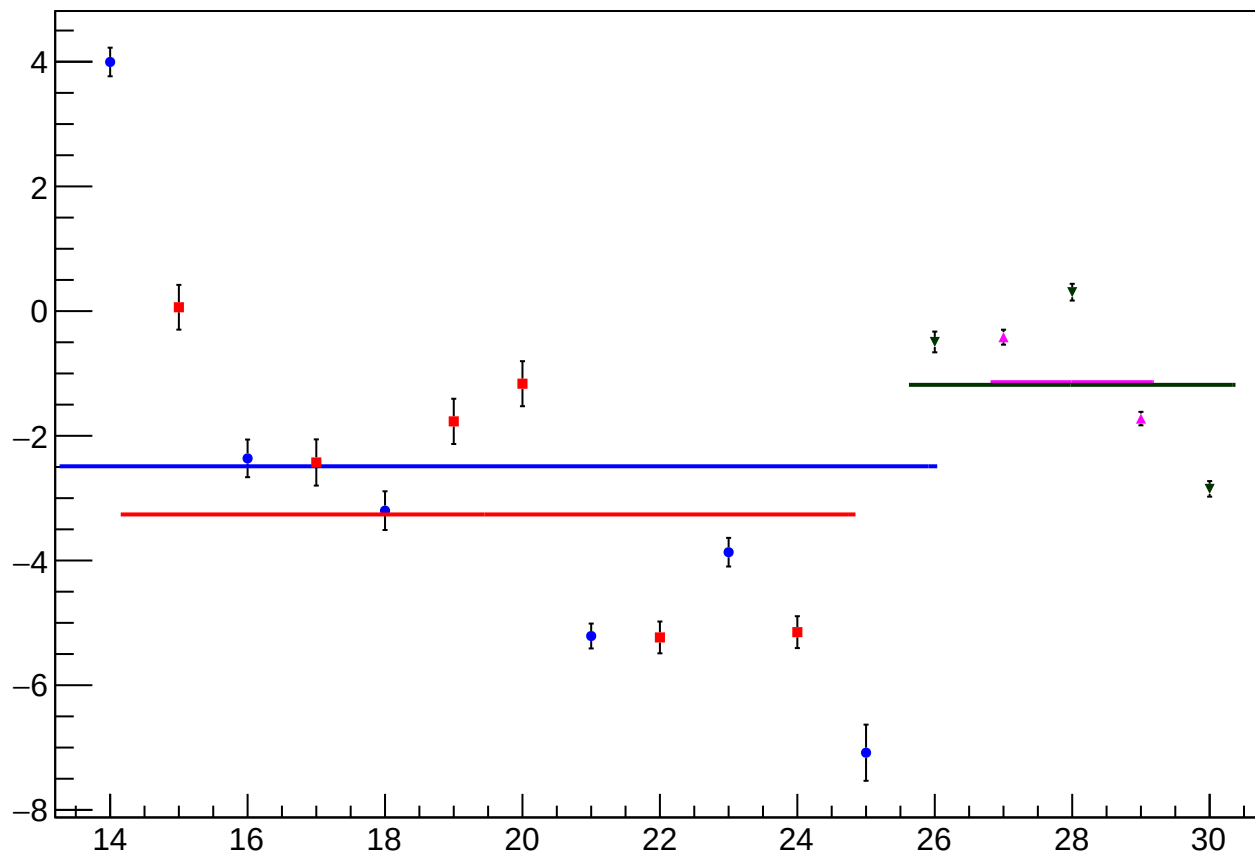
Right Out: 1.195 $\pm$ 0.038 χ^2/NDF : 129.8/5

Left In: 0.169 $\pm$ 0.021 χ^2/NDF : 0.7/1

0.199 $\pm$ 0.015 χ^2/NDF : 280.0/8

0.407 $\pm$ 0.018 χ^2/NDF : 685.5/7

reg_asym_bcm_dg_ds_diff_bpm4aX_slope vs slug



Right In: -2.489 ± 0.106 χ^2/NDF : 1129.3/5

Left Out: -1.183 ± 0.080 χ^2/NDF : 317.8/2

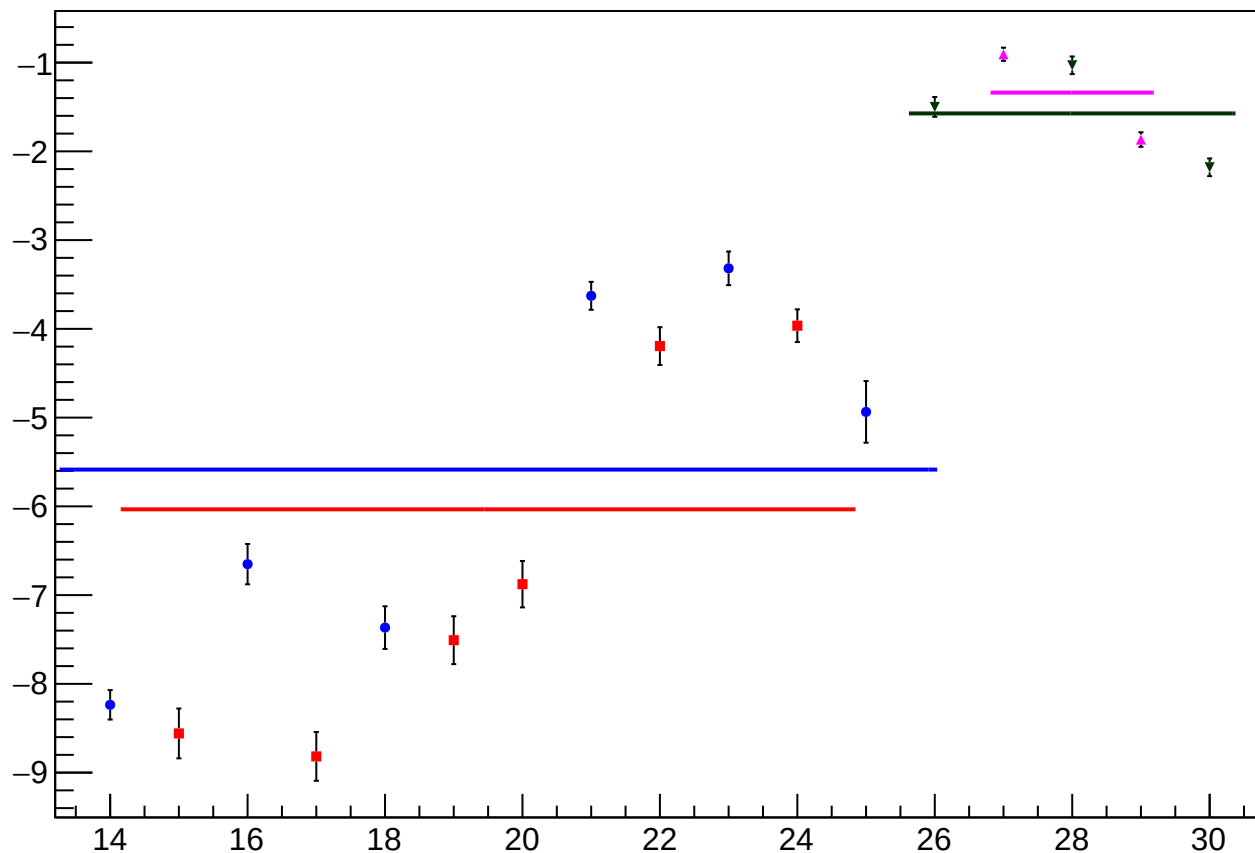
Right Out: -3.261 ± 0.128 χ^2/NDF : 255.8/5

Left In: -1.140 ± 0.080 χ^2/NDF : 65.3/1

-1.659 ± 0.064 χ^2/NDF : 1543.9/8

-1.739 ± 0.068 χ^2/NDF : 518.0/7

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs slug



Right In: -5.586+/-0.082 χ^2/NDF : 633.0/5

Left Out: -1.573+/-0.060 χ^2/NDF : 67.2/2

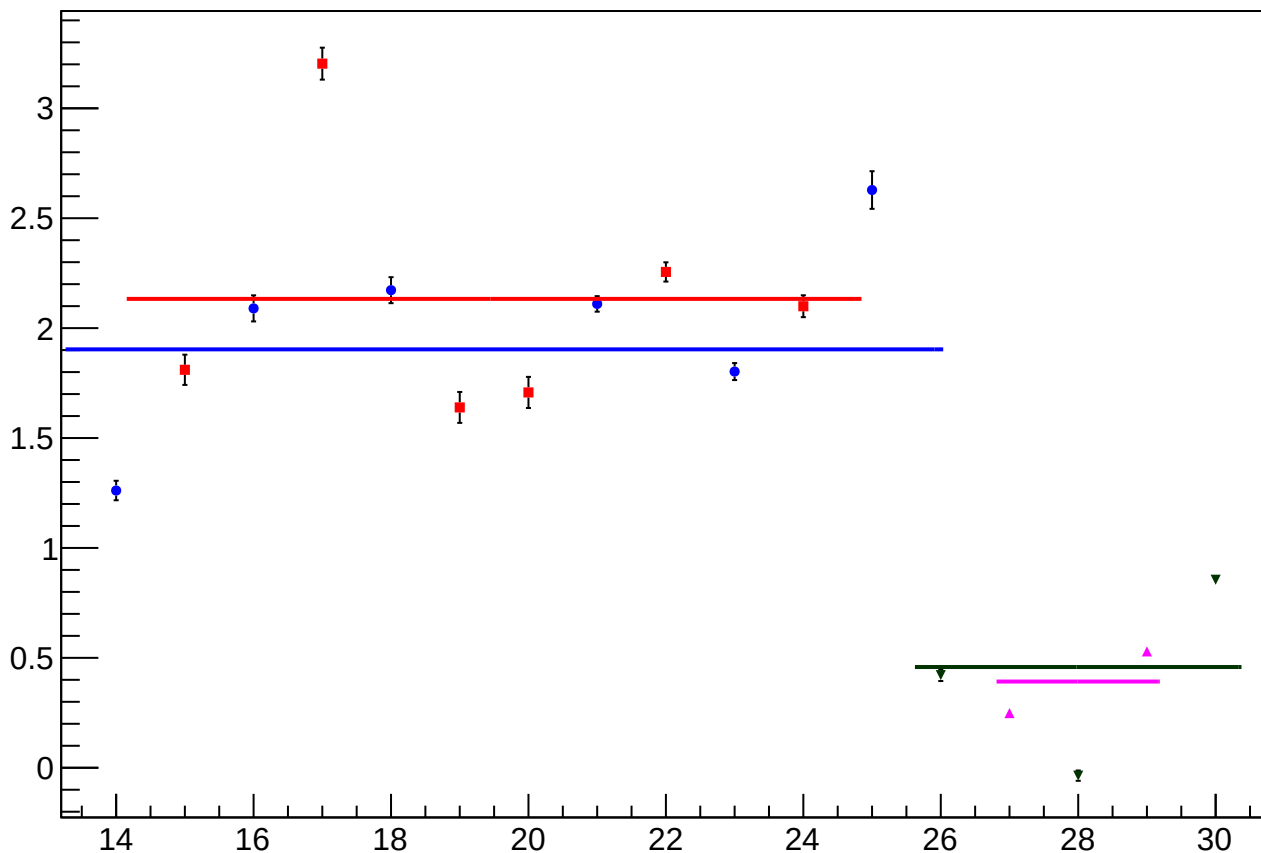
Right Out: -6.033+/-0.097 χ^2/NDF : 424.3/5

Left In: -1.338+/-0.055 χ^2/NDF : 75.3/1

-2.963+/-0.048 χ^2/NDF : 2272.9/8

-2.479+/-0.048 χ^2/NDF : 2264.4/7

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs slug



Right In: 1.903 $\pm$ 0.019 χ^2 /NDF: 353.3/5

Left Out: 0.458 $\pm$ 0.013 χ^2 /NDF: 827.3/2

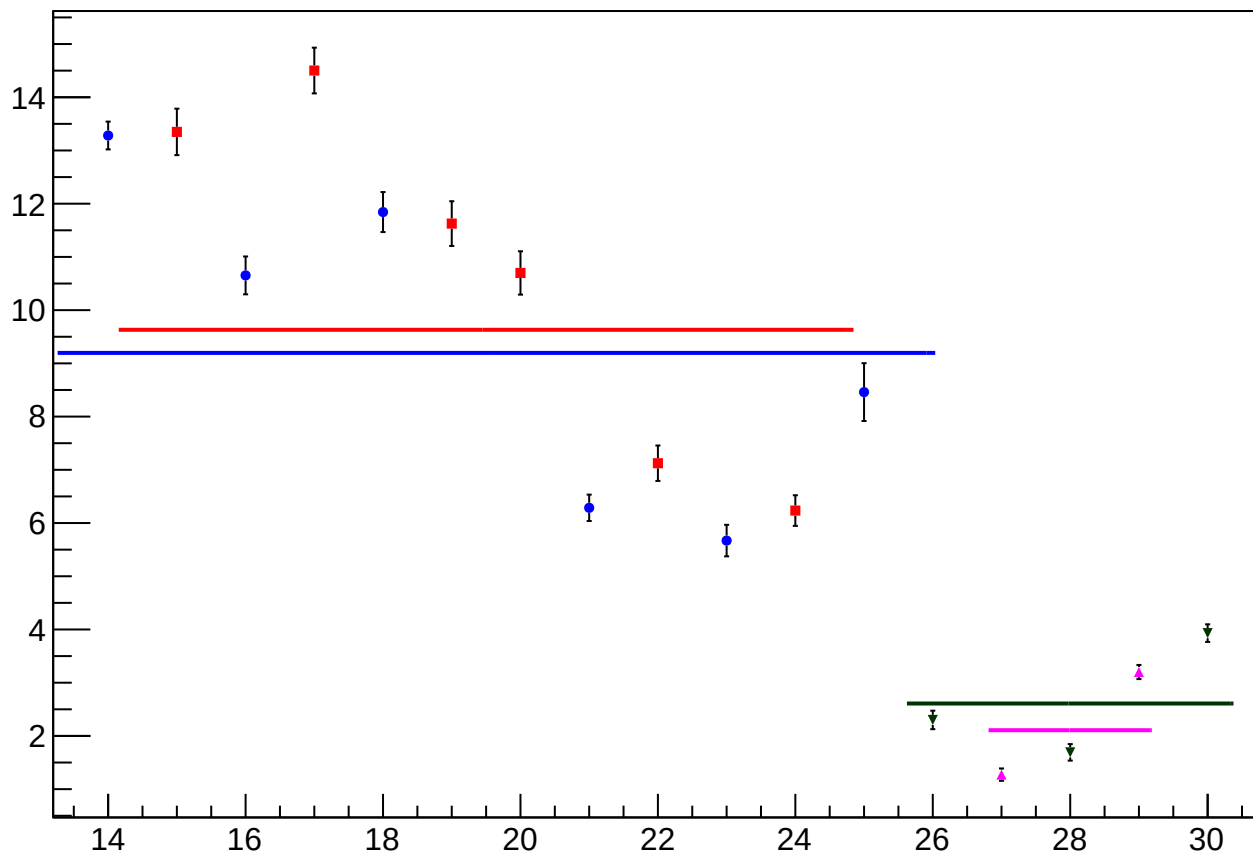
Right Out: 2.133 $\pm$ 0.024 χ^2 /NDF: 332.5/5

Left In: 0.392 $\pm$ 0.015 χ^2 /NDF: 86.4/1

0.926 $\pm$ 0.011 χ^2 /NDF: 4972.1/8

0.883 $\pm$ 0.013 χ^2 /NDF: 4176.4/7

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs slug



Right In: 9.197 $\pm$ 0.128 χ^2 /NDF: 592.2/5

Left Out: 2.609 $\pm$ 0.095 χ^2 /NDF:101.9/2

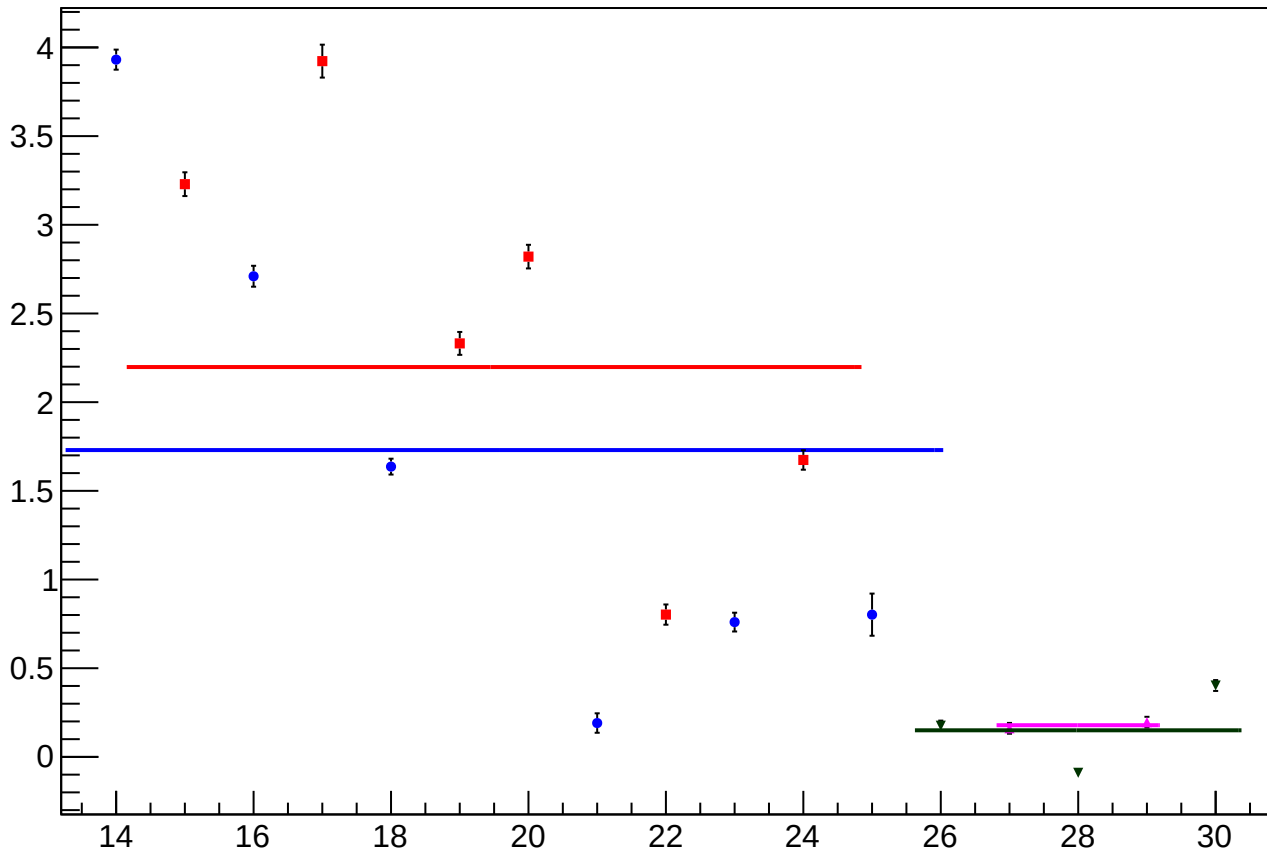
Right Out: 9.631 $\pm$ 0.152 χ^2 /NDF: 426.7/5

Left In: 2.108 $\pm$ 0.087 χ^2 /NDF:119.4/1

4.938 $\pm$ 0.076 χ^2 /NDF: 2397.2/8

3.983 $\pm$ 0.076 χ^2 /NDF: 2393.3/7

reg_asym_bcm_dg_ds_diff_bpm11X_slope vs slug



Right In: 1.730 ± 0.023 χ^2/NDF : 2979.0/5

Left Out: 0.150 ± 0.017 χ^2/NDF : 140.4/2

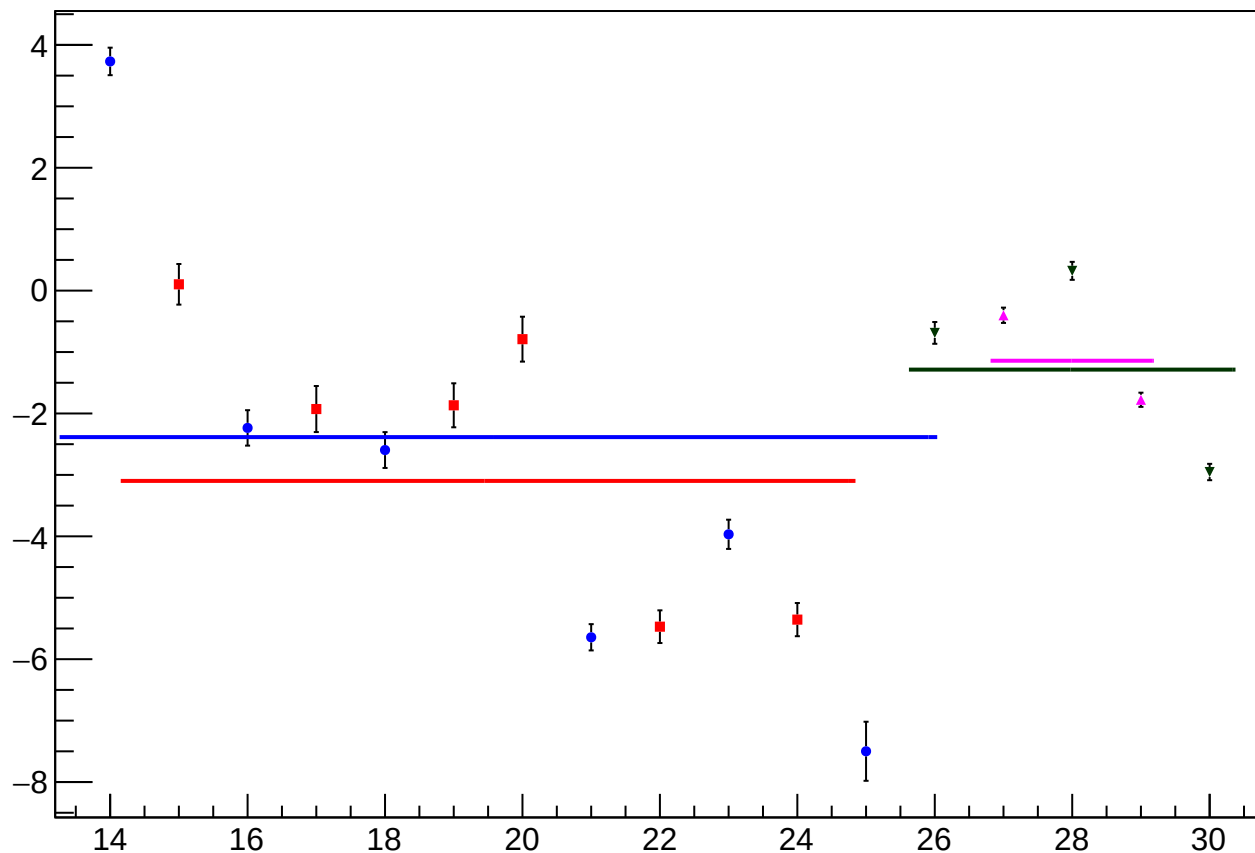
Right Out: 2.198 ± 0.026 χ^2/NDF : 1363.2/5

Left In: 0.179 ± 0.021 χ^2/NDF : 0.7/1

0.695 ± 0.014 χ^2/NDF : 6160.0/8

0.984 ± 0.017 χ^2/NDF : 4900.9/7

reg_asym_bcm_dg_us_diff_bpm4aX_slope vs slug



Right In: -2.385+/-0.107 χ^2/NDF : 1136.3/5

Left Out: -1.286+/-0.086 χ^2/NDF : 289.1/2

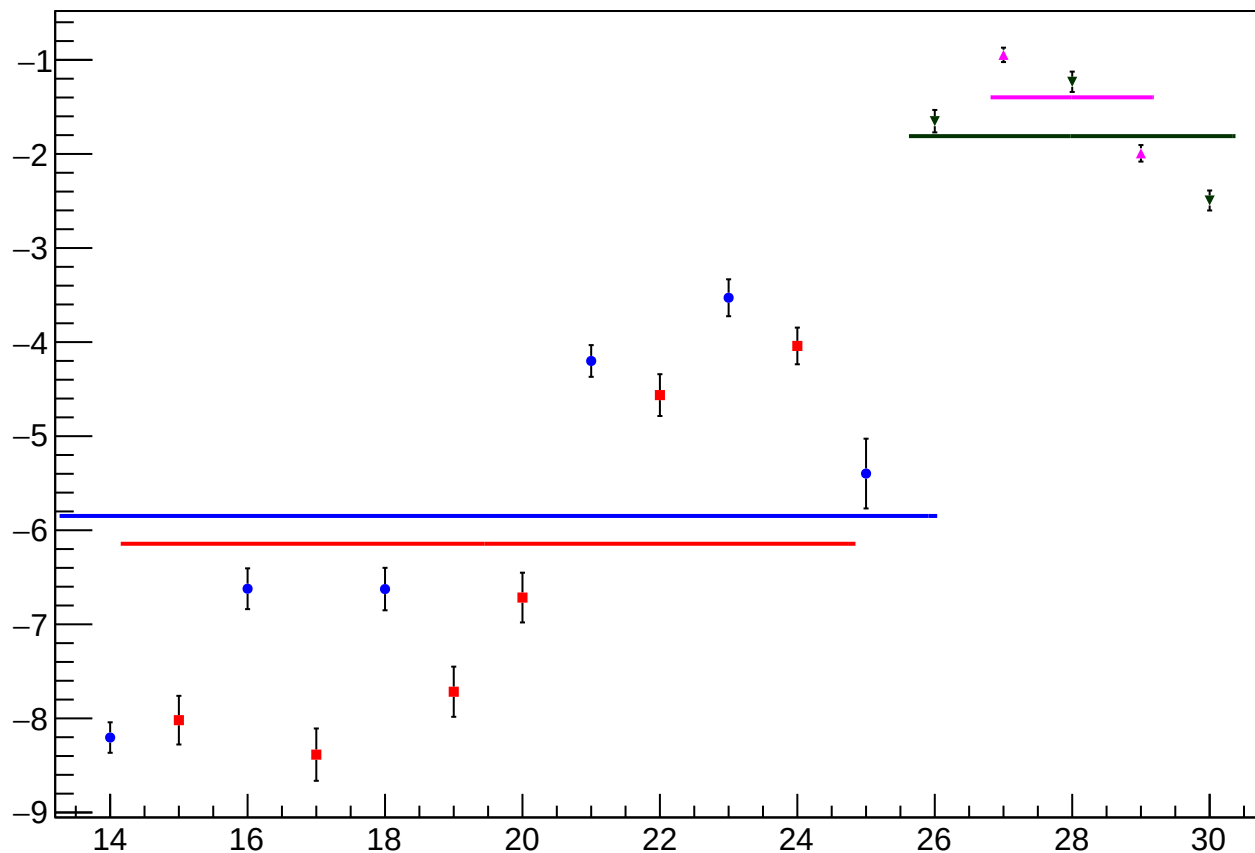
Right Out: -3.098+/-0.130 χ^2/NDF : 304.5/5

Left In: -1.141+/-0.085 χ^2/NDF : 65.5/1

-1.718+/-0.067 χ^2/NDF : 1489.6/8

-1.726+/-0.071 χ^2/NDF : 529.2/7

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs slug



Right In: -5.848 $\pm$ 0.082 χ^2 /NDF: 472.5/5

Left Out: -1.811 $\pm$ 0.064 χ^2 /NDF: 71.9/2

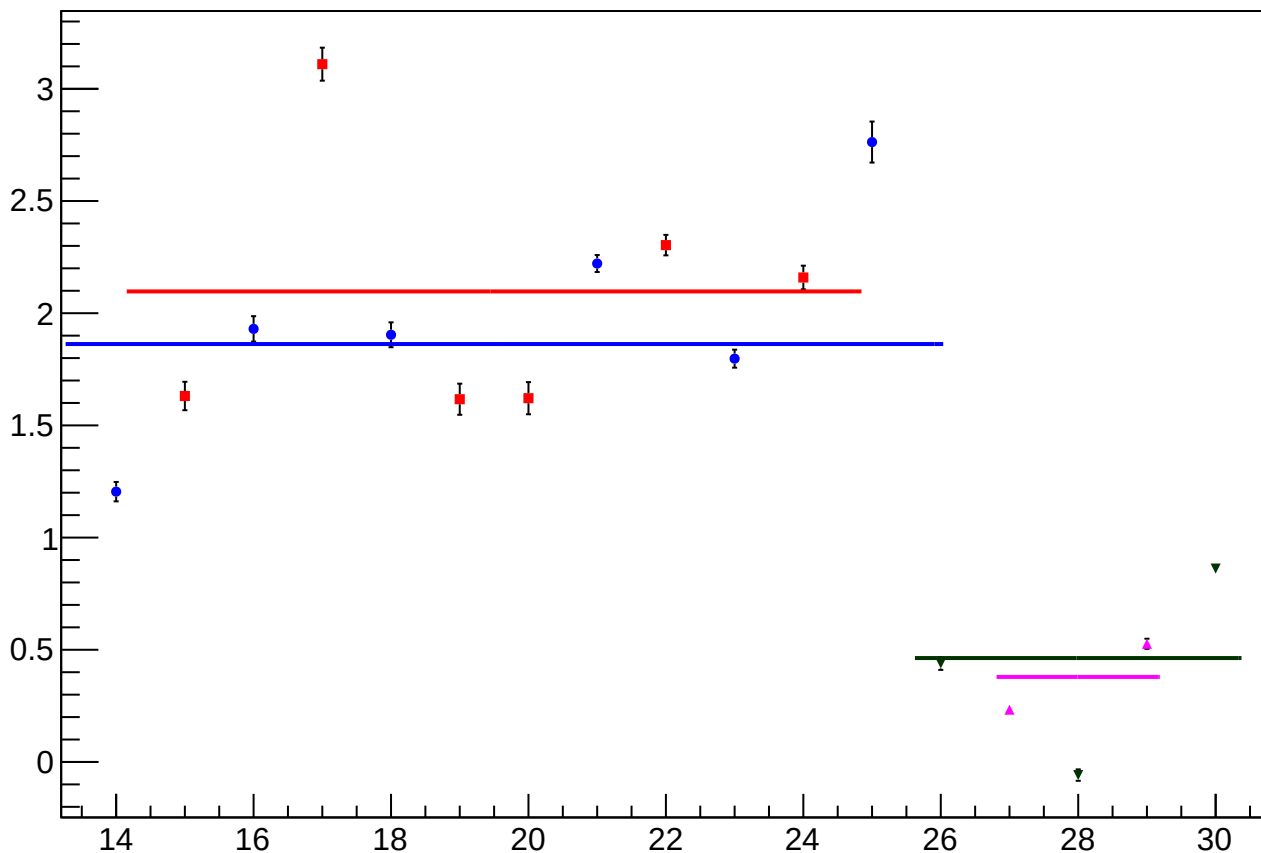
Right Out: -6.144 $\pm$ 0.099 χ^2 /NDF: 324.0/5

Left In: -1.398 $\pm$ 0.058 χ^2 /NDF: 80.6/1

-3.329 $\pm$ 0.051 χ^2 /NDF: 2043.7/8

-2.609 $\pm$ 0.050 χ^2 /NDF: 2129.2/7

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs slug



Right In: 1.863+/-0.020 χ^2/NDF : 423.1/5

Left Out: 0.463+/-0.014 χ^2/NDF : 754.2/2

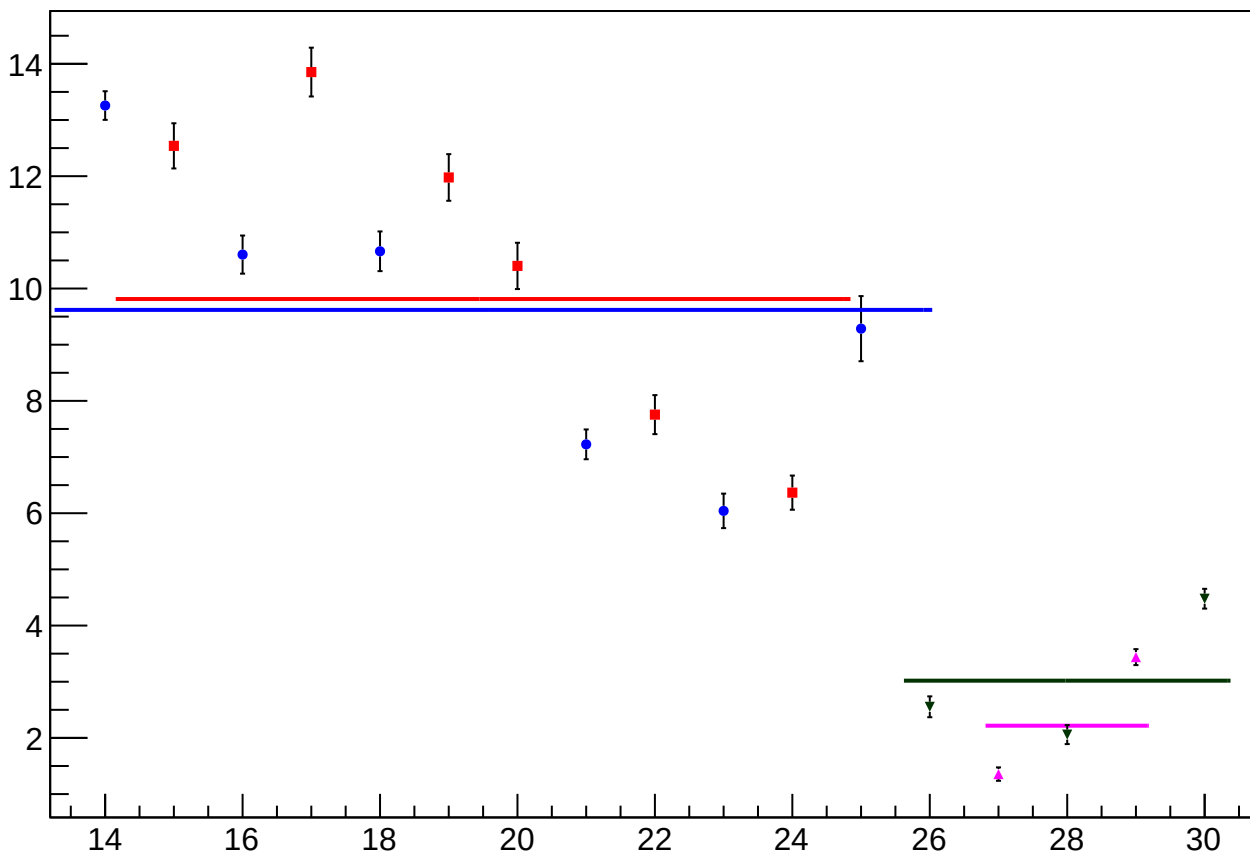
Right Out: 2.097+/-0.024 χ^2/NDF : 357.7/5

Left In: 0.379+/-0.016 χ^2/NDF : 85.2/1

0.953+/-0.012 χ^2/NDF : 4504.4/8

0.891+/-0.013 χ^2/NDF : 3918.5/7

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs slug



Right In: 9.620 $\pm$ 0.129 χ^2 /NDF: 438.3/5

Left Out: 3.019 $\pm$ 0.102 χ^2 /NDF:107.3/2

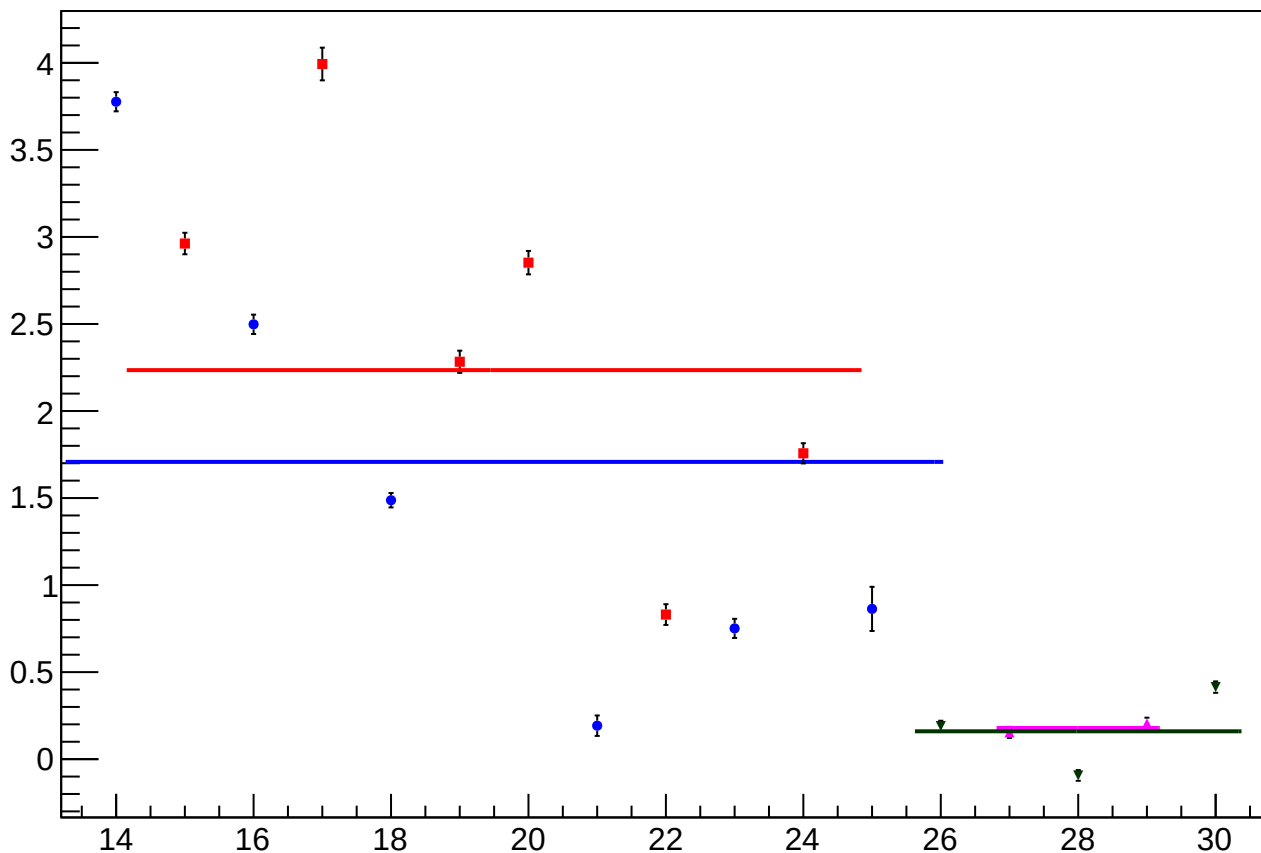
Right Out: 9.813 $\pm$ 0.154 χ^2 /NDF: 325.2/5

Left In: 2.217 $\pm$ 0.091 χ^2 /NDF:125.8/1

5.549 $\pm$ 0.080 χ^2 /NDF: 2154.2/8

4.202 $\pm$ 0.079 χ^2 /NDF: 2253.0/7

reg_asym_bcm_dg_us_diff_bpm11X_slope vs slug



Right In: 1.708 ± 0.023 χ^2/NDF : 2655.4/5

Left Out: 0.160 ± 0.018 χ^2/NDF : 128.7/2

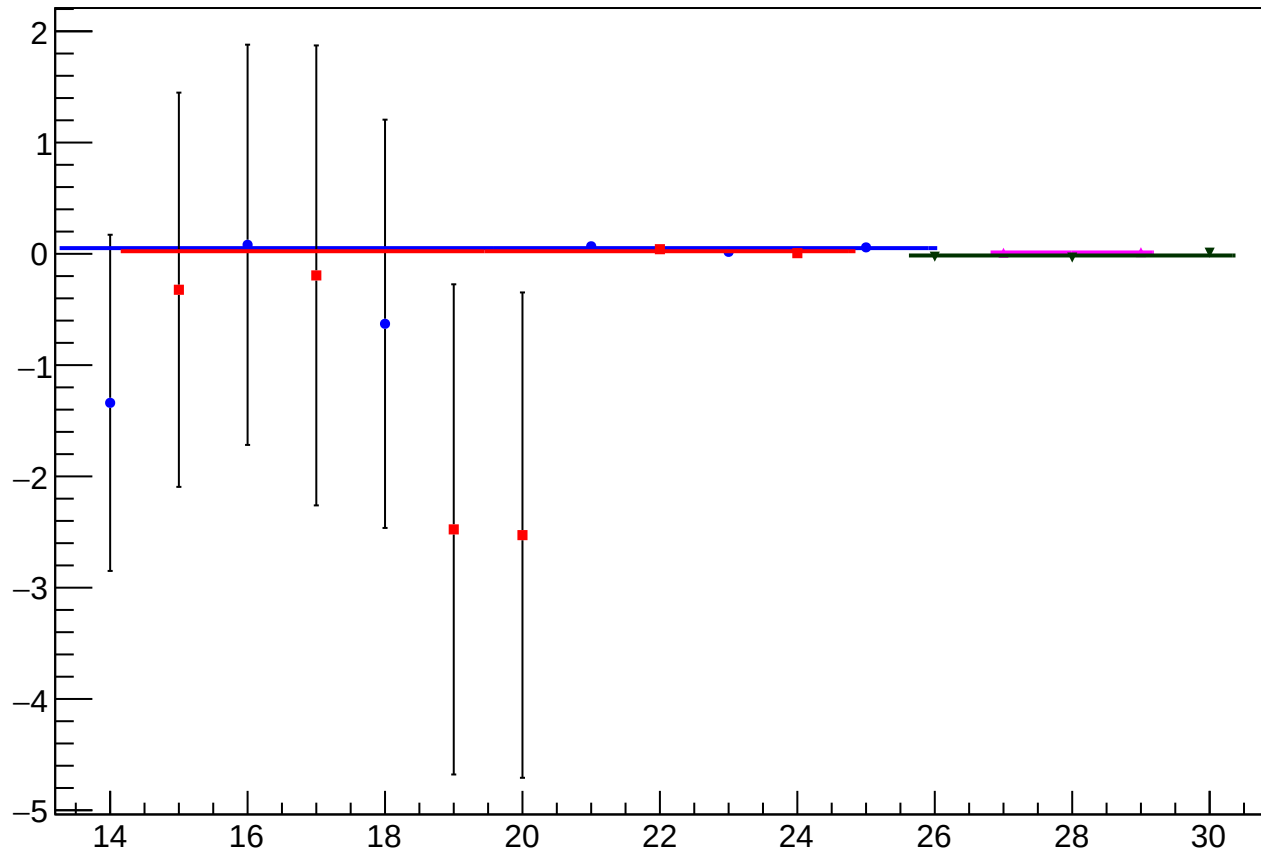
Right Out: 2.235 ± 0.027 χ^2/NDF : 1199.6/5

Left In: 0.179 ± 0.023 χ^2/NDF : 1.3/1

0.757 ± 0.014 χ^2/NDF : 5608.1/8

1.045 ± 0.017 χ^2/NDF : 4678.3/7

reg_bcm_an_us_ds3_dd_diff_bpm4aX_slope vs slug



Right In: 0.051 $\pm$ 0.014 χ^2 /NDF: 3.4/5

Left Out: -0.015 $\pm$ 0.011 χ^2 /NDF: 3.2/2

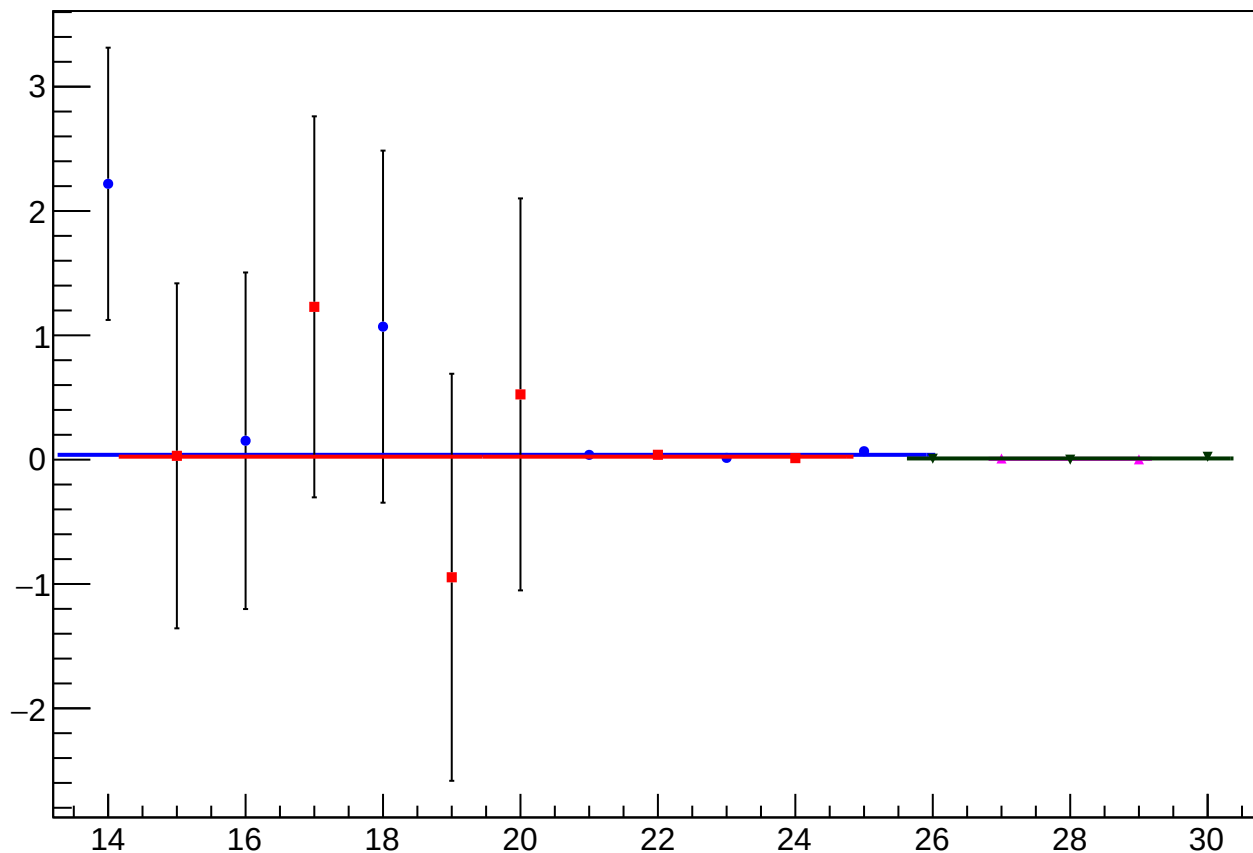
Right Out: 0.024 $\pm$ 0.014 χ^2 /NDF: 4.3/5

Left In: 0.012 $\pm$ 0.012 χ^2 /NDF: 0.0/1

0.010 $\pm$ 0.009 χ^2 /NDF: 20.3/8

0.017 $\pm$ 0.009 χ^2 /NDF: 4.7/7

reg_bcm_an_us_ds3_dd_diff_bpm4aY_slope vs slug



Right In: 0.039 $\pm$ 0.011 χ^2 /NDF: 7.3/5

Left Out: 0.010 $\pm$ 0.008 χ^2 /NDF: 1.4/2

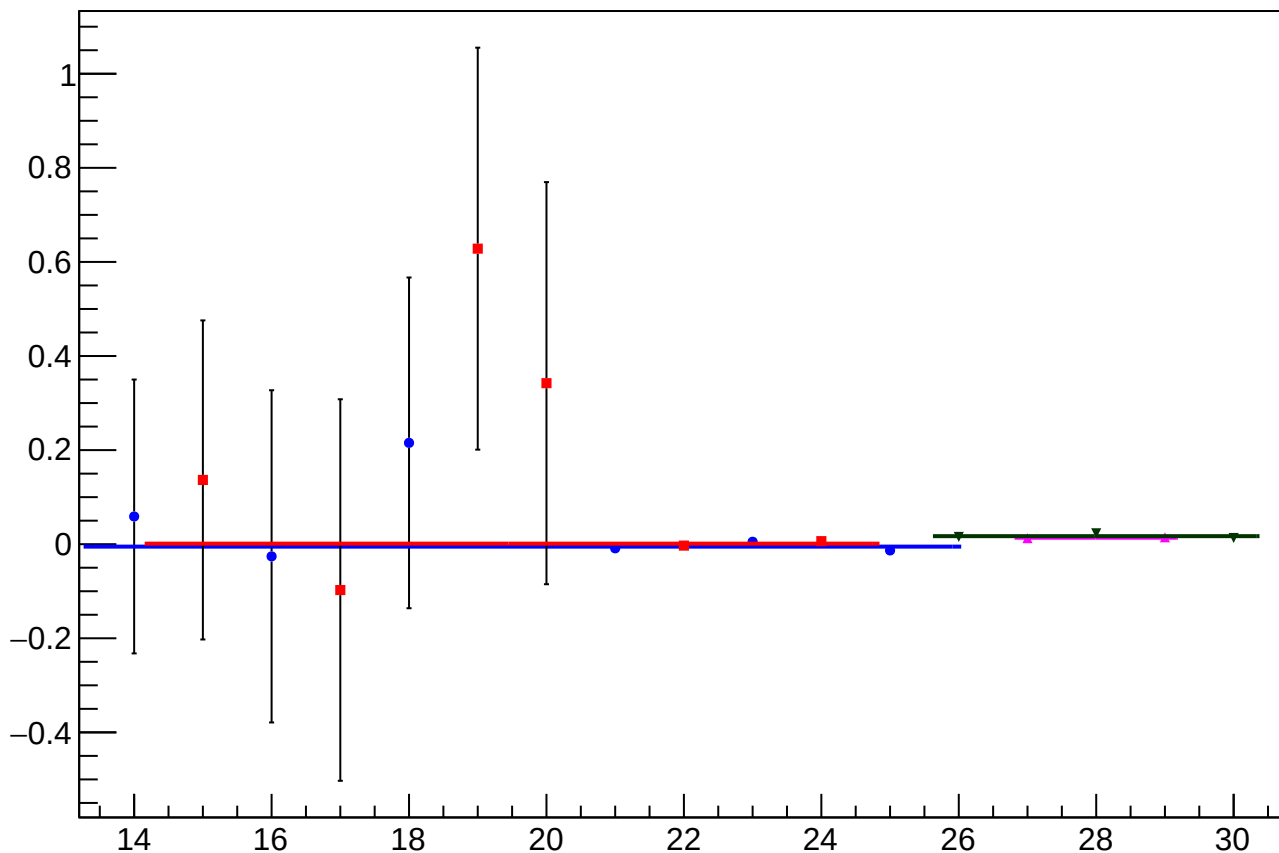
Right Out: 0.024 $\pm$ 0.011 χ^2 /NDF: 2.5/5

Left In: 0.006 $\pm$ 0.008 χ^2 /NDF: 0.2/1

0.020 $\pm$ 0.007 χ^2 /NDF: 13.1/8

0.013 $\pm$ 0.007 χ^2 /NDF: 4.3/7

reg_bcm_an_us_ds3_dd_diff_bpm4eX_slope vs slug



Right In: -0.005+/-0.002 χ^2/NDF : 8.9/5

Left Out: 0.017+/-0.002 χ^2/NDF : 5.6/2

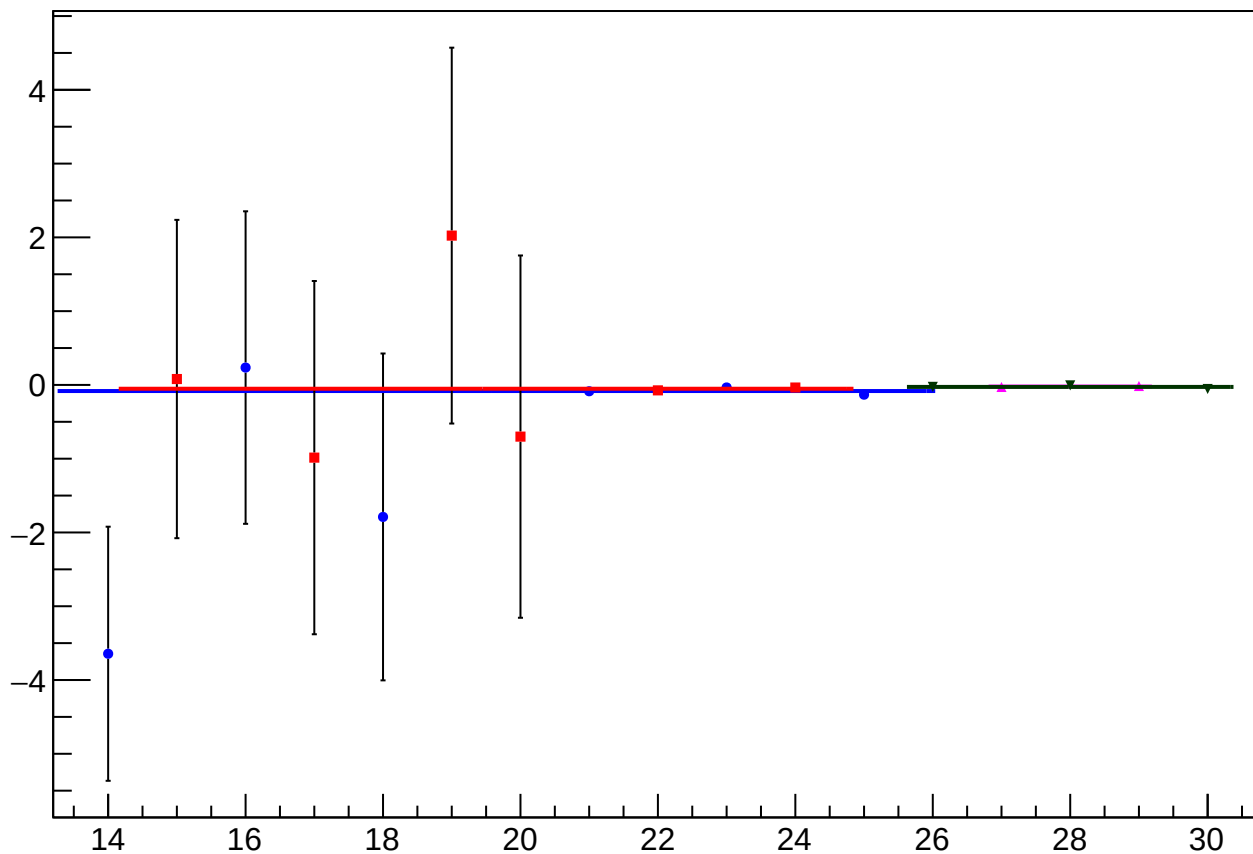
Right Out: 0.001+/-0.003 χ^2/NDF : 6.3/5

Left In: 0.014+/-0.002 χ^2/NDF : 0.2/1

0.009+/-0.001 χ^2/NDF : 66.3/8

0.008+/-0.002 χ^2/NDF : 20.0/7

reg_bcm_an_us_ds3_dd_diff_bpm4eY_slope vs slug



Right In: -0.083 ± 0.018 χ^2/NDF : 8.7/5

Left Out: -0.027 ± 0.013 χ^2/NDF : 2.3/2

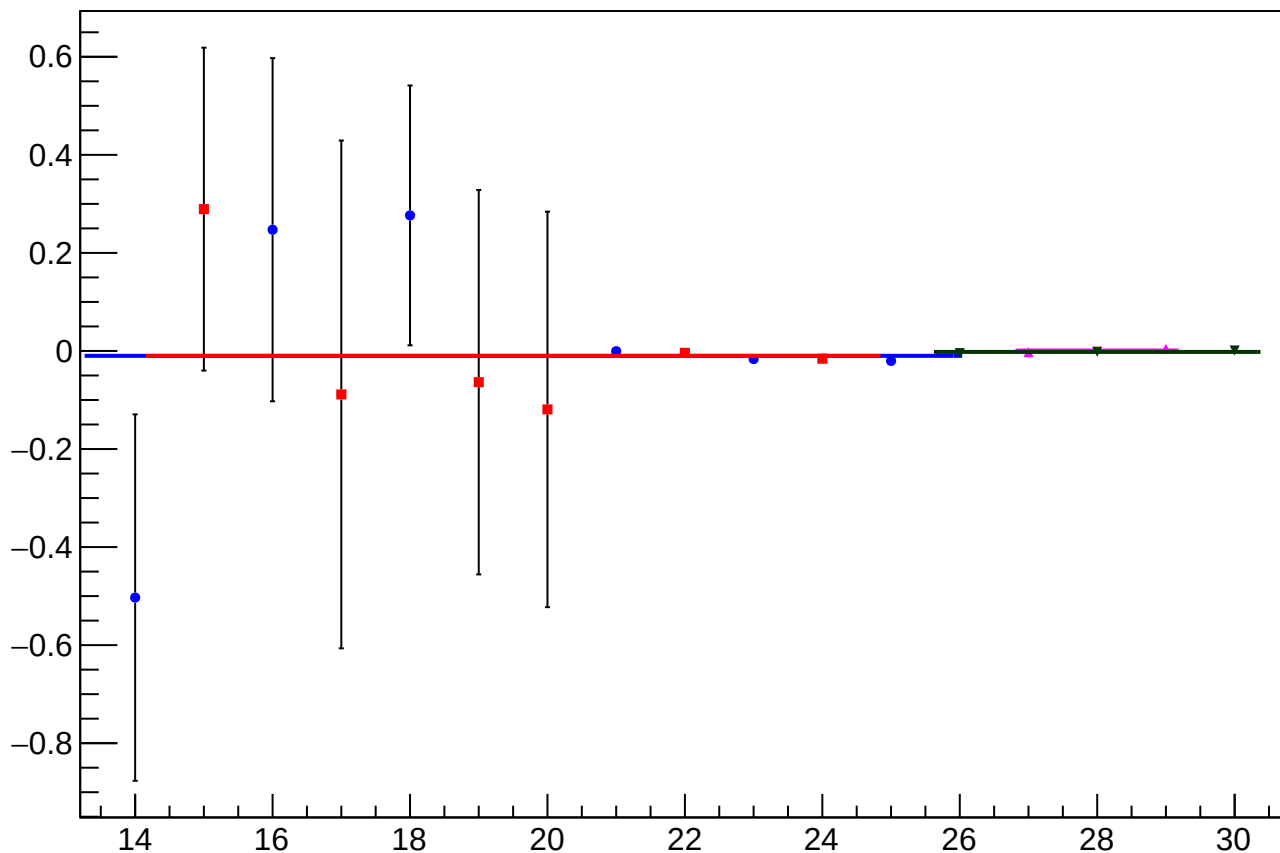
Right Out: -0.052 ± 0.017 χ^2/NDF : 2.1/5

Left In: -0.022 ± 0.013 χ^2/NDF : 0.2/1

-0.047 ± 0.011 χ^2/NDF : 17.4/8

-0.033 ± 0.010 χ^2/NDF : 4.2/7

reg_bcm_an_us_ds3_dd_diff_bpm11X_slope vs slug



Right In: -0.010+/-0.004 χ^2/NDF : 9.2/5

Left Out: -0.002+/-0.002 χ^2/NDF : 0.9/2

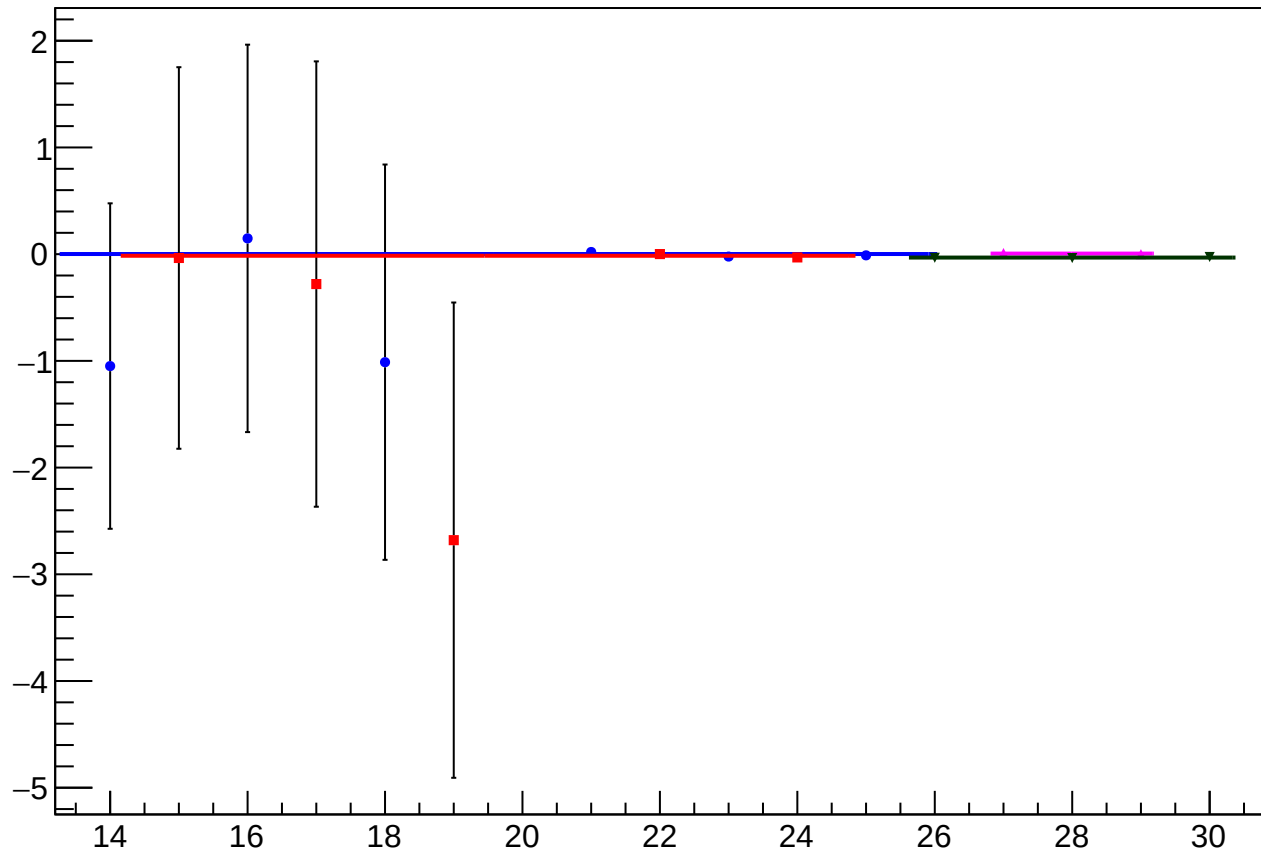
Right Out: -0.010+/-0.003 χ^2/NDF : 4.5/5

Left In: 0.001+/-0.003 χ^2/NDF : 1.2/1

-0.004+/-0.002 χ^2/NDF : 13.6/8

-0.005+/-0.002 χ^2/NDF : 12.0/7

reg_bcm_an_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.001 ± 0.015 χ^2/NDF : 2.6/5

Left Out: -0.032 ± 0.012 χ^2/NDF : 0.1/2

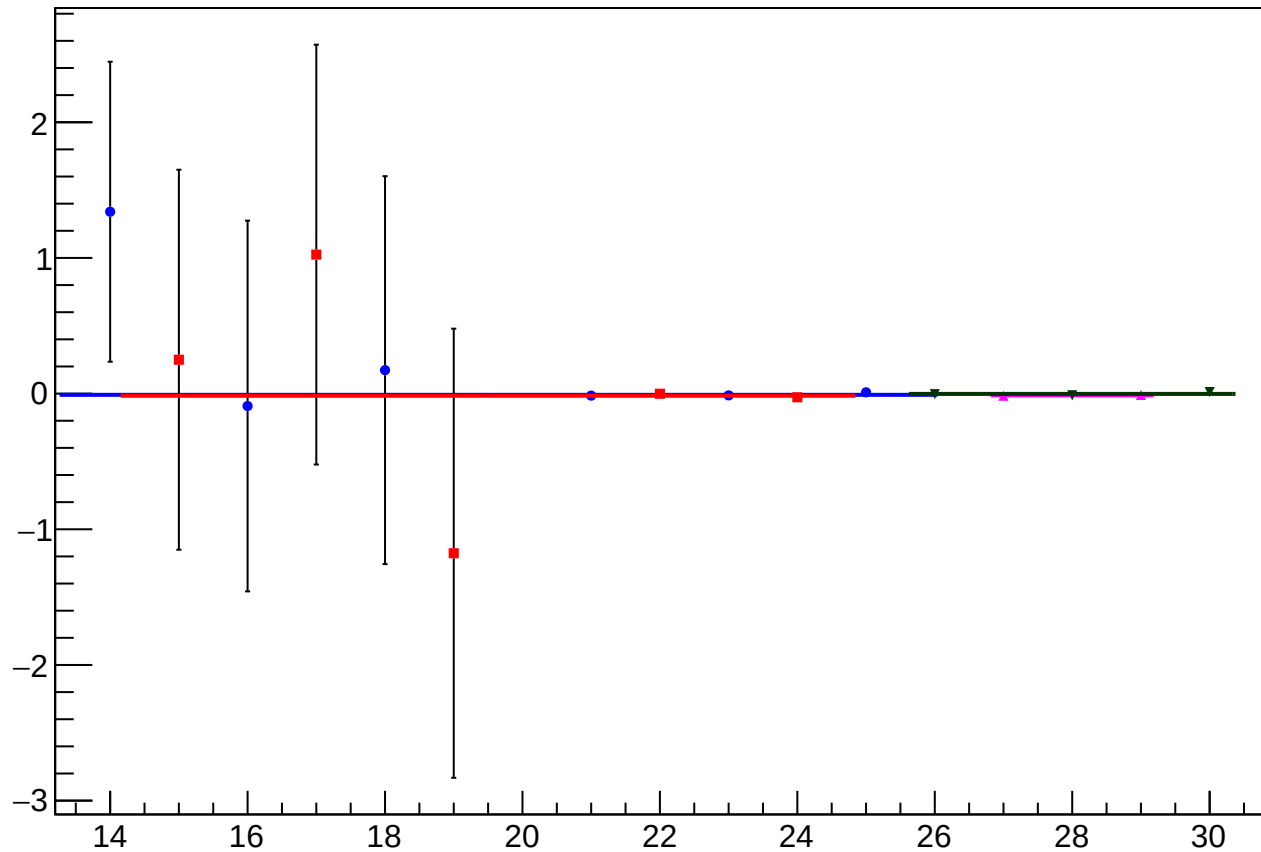
Right Out: -0.015 ± 0.015 χ^2/NDF : 2.6/4

Left In: 0.005 ± 0.012 χ^2/NDF : 0.2/1

-0.019 ± 0.009 χ^2/NDF : 5.9/8

-0.003 ± 0.010 χ^2/NDF : 3.9/6

reg_bcm_an_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.009 $\pm$ 0.012 χ^2 /NDF: 2.2/5

Left Out: -0.002 $\pm$ 0.009 χ^2 /NDF: 1.3/2

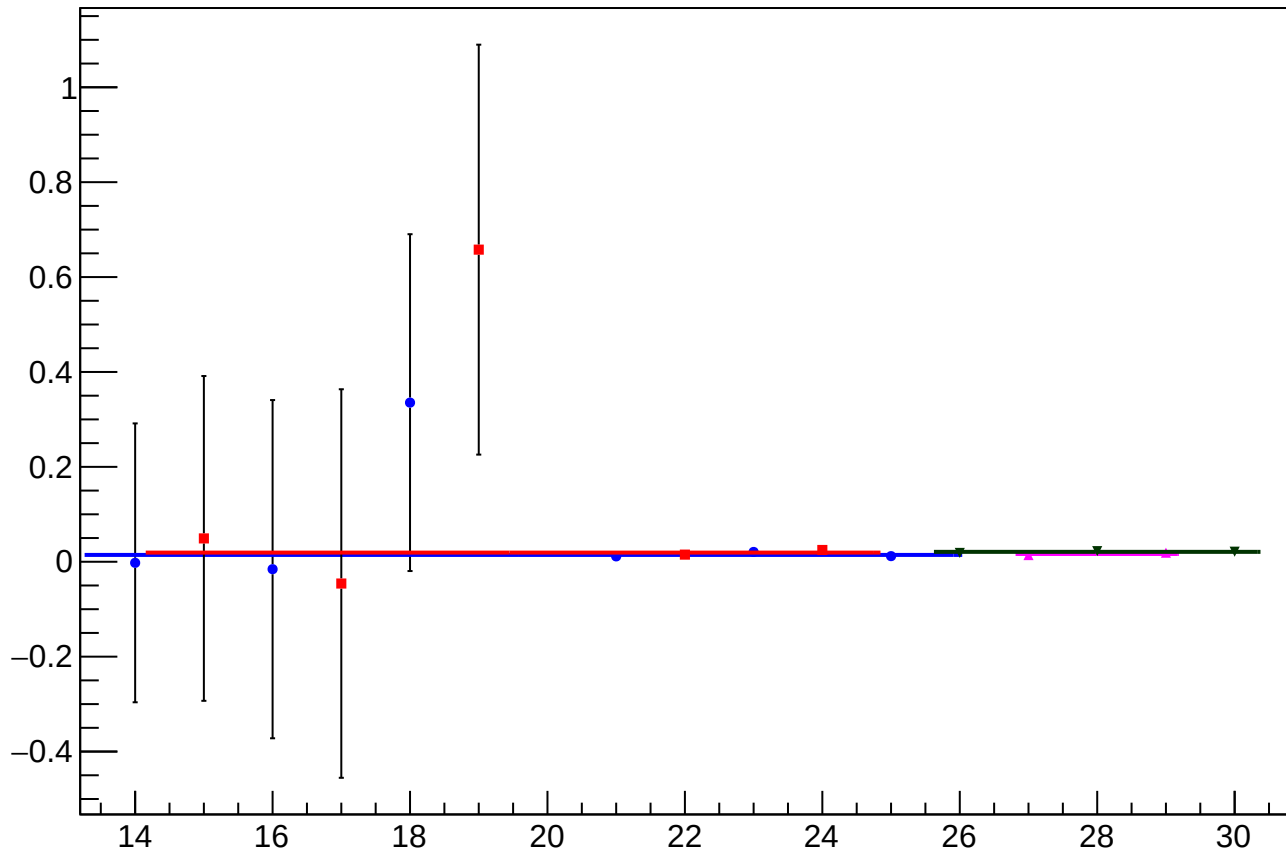
Right Out: -0.016 $\pm$ 0.011 χ^2 /NDF: 2.2/4

Left In: -0.013 $\pm$ 0.009 χ^2 /NDF: 0.1/1

-0.005 $\pm$ 0.007 χ^2 /NDF: 3.8/8

-0.014 $\pm$ 0.007 χ^2 /NDF: 2.4/6

reg_bcm_an_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.014 $\pm$ 0.003 χ^2 /NDF: 3.6/5

Left Out: 0.021 $\pm$ 0.002 χ^2 /NDF: 0.6/2

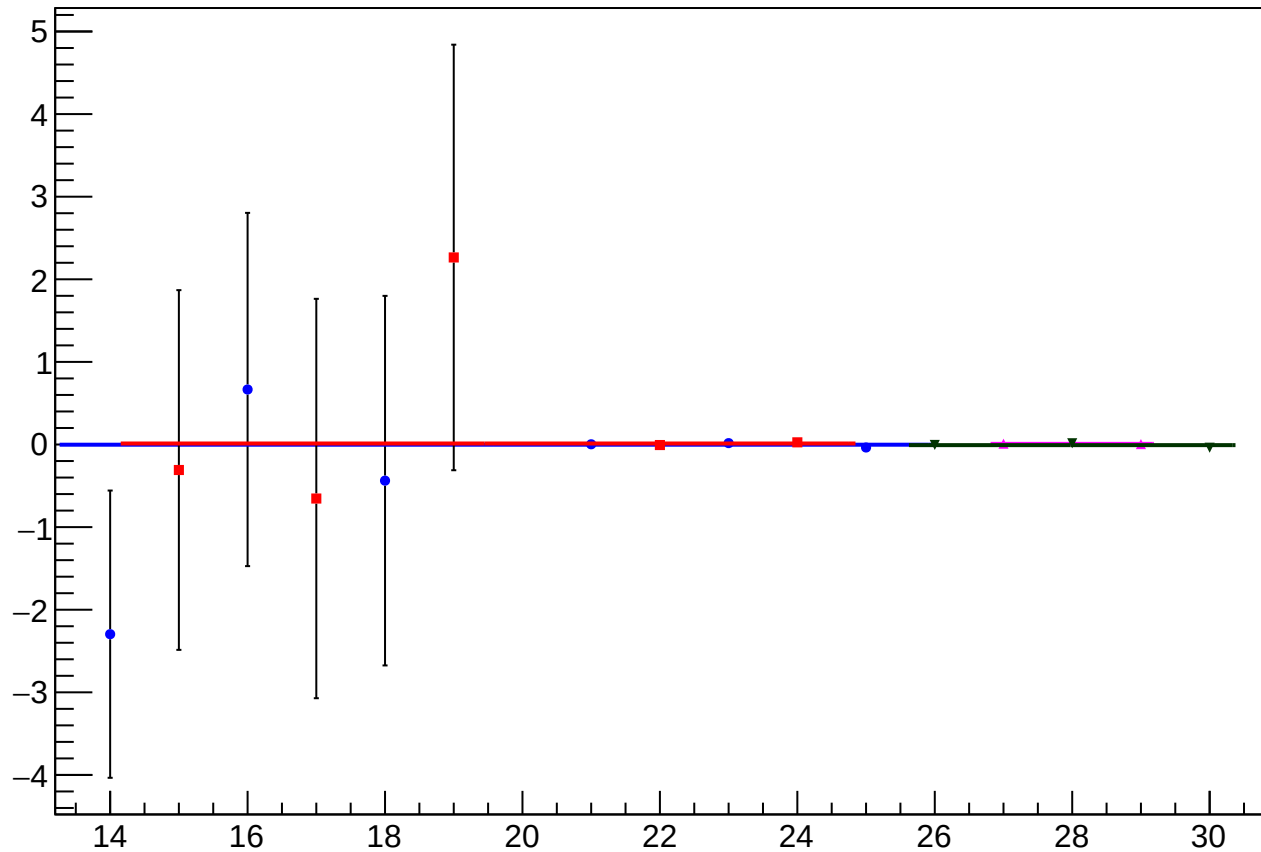
Right Out: 0.019 $\pm$ 0.003 χ^2 /NDF: 5.5/4

Left In: 0.016 $\pm$ 0.002 χ^2 /NDF: 1.2/1

0.019 $\pm$ 0.002 χ^2 /NDF: 8.3/8

0.018 $\pm$ 0.002 χ^2 /NDF: 7.4/6

reg_bcm_an_us_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.002 $\pm$ 0.018 χ^2 /NDF: 3.0/5

Left Out: -0.007 $\pm$ 0.014 χ^2 /NDF: 2.6/2

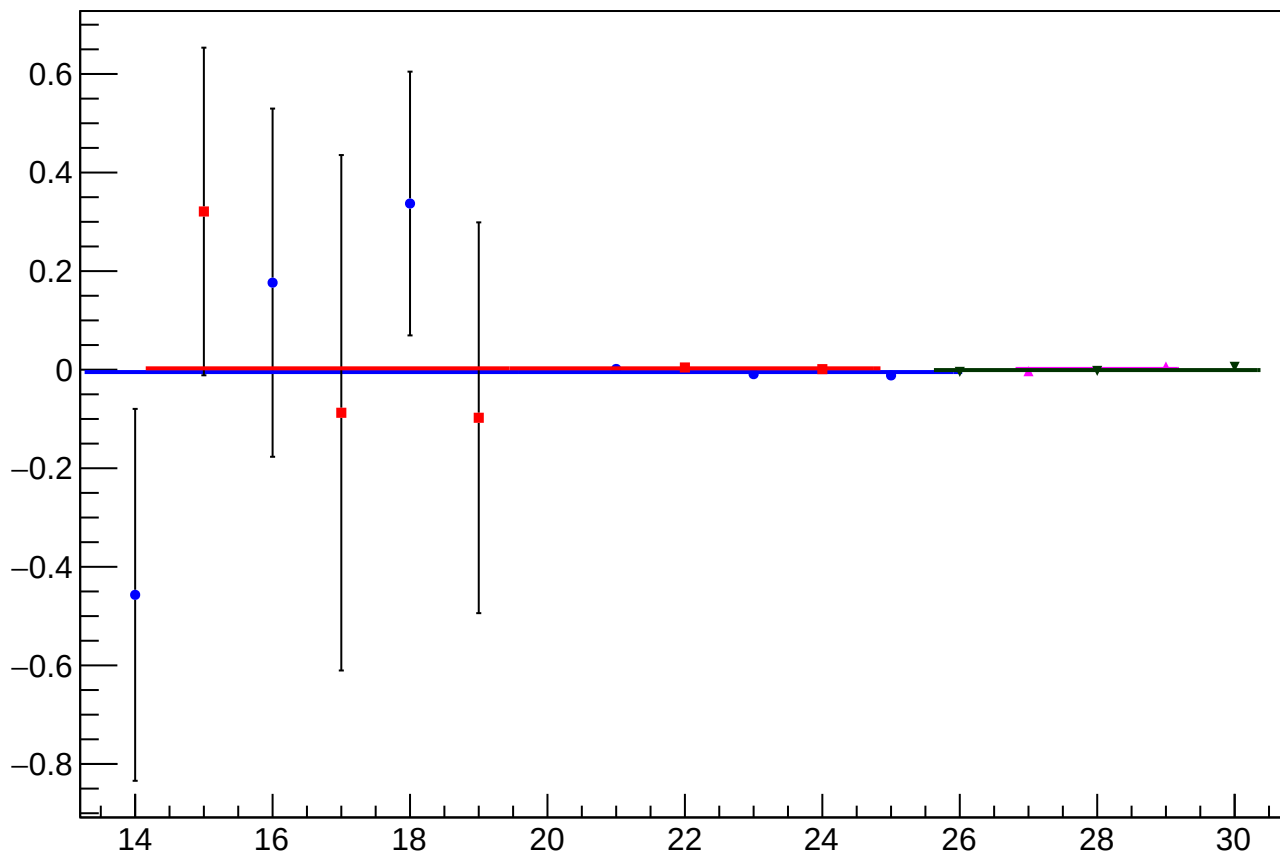
Right Out: 0.012 $\pm$ 0.018 χ^2 /NDF: 1.7/4

Left In: 0.008 $\pm$ 0.014 χ^2 /NDF: 0.0/1

-0.006 $\pm$ 0.011 χ^2 /NDF: 5.6/8

0.009 $\pm$ 0.011 χ^2 /NDF: 1.8/6

reg_bcm_an_us_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.005+/-0.004 χ^2 /NDF: 5.7/5

Left Out: -0.001+/-0.002 χ^2 /NDF: 3.3/2

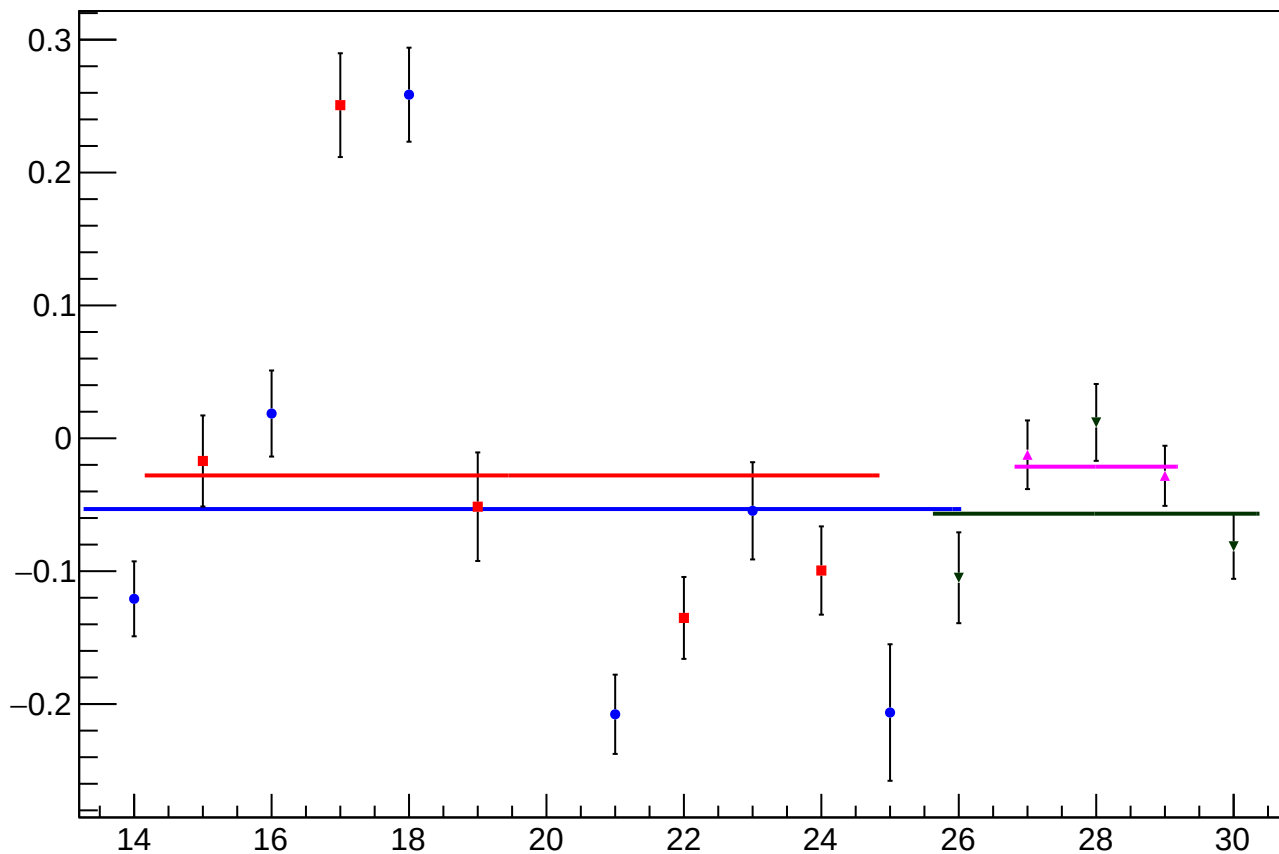
Right Out: 0.003+/-0.003 χ^2 /NDF: 1.3/4

Left In: 0.002+/-0.003 χ^2 /NDF: 2.2/1

-0.002+/-0.002 χ^2 /NDF: 9.8/8

0.002+/-0.002 χ^2 /NDF: 3.6/6

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.053+/-0.014 χ^2/NDF : 124.0/5

Left Out: -0.057+/-0.016 χ^2/NDF : 8.6/2

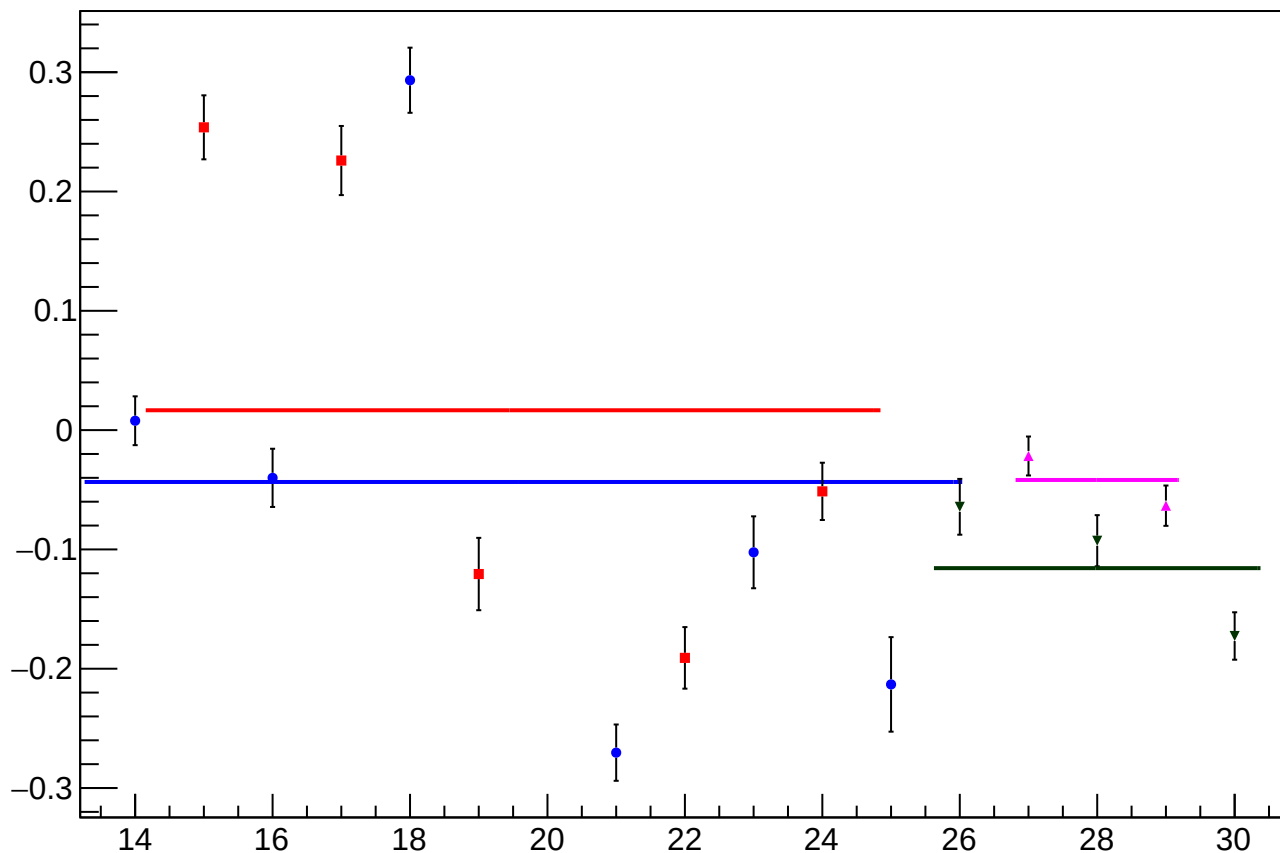
Right Out: -0.028+/-0.016 χ^2/NDF : 68.1/4

Left In: -0.021+/-0.017 χ^2/NDF : 0.2/1

-0.055+/-0.011 χ^2/NDF : 132.7/8

-0.025+/-0.012 χ^2/NDF : 68.4/6

reg_bcm_dg_us_dg_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.043+/-0.011 χ^2/NDF : 273.1/5

Left Out: -0.116+/-0.012 χ^2/NDF : 14.2/2

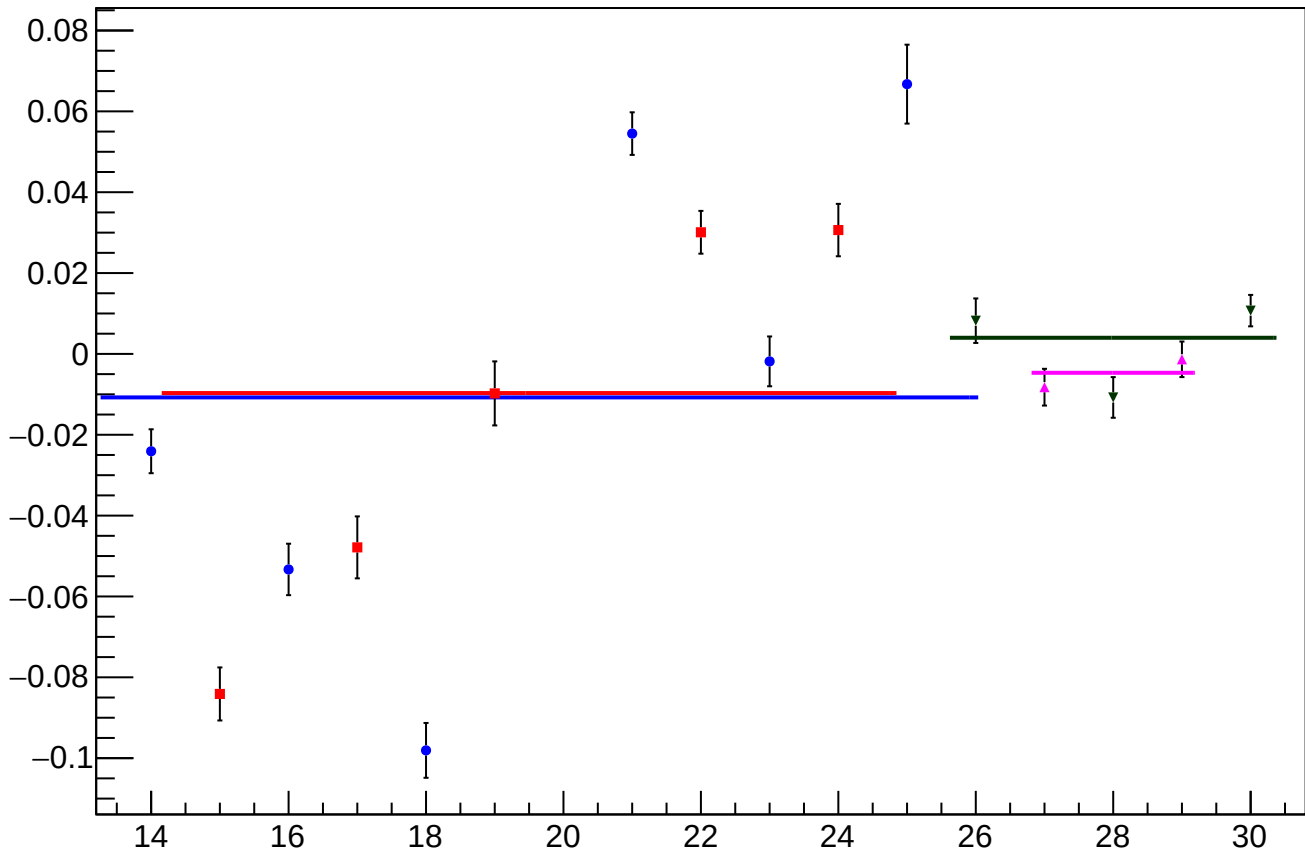
Right Out: 0.017+/-0.012 χ^2/NDF : 223.6/4

Left In: -0.042+/-0.012 χ^2/NDF : 3.1/1

-0.074+/-0.008 χ^2/NDF : 307.0/8

-0.013+/-0.008 χ^2/NDF : 238.8/6

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eX_slope vs slug



Right In: -0.011 ± 0.003 χ^2/NDF : 434.9/5

Left Out: 0.004 ± 0.003 χ^2/NDF : 12.2/2

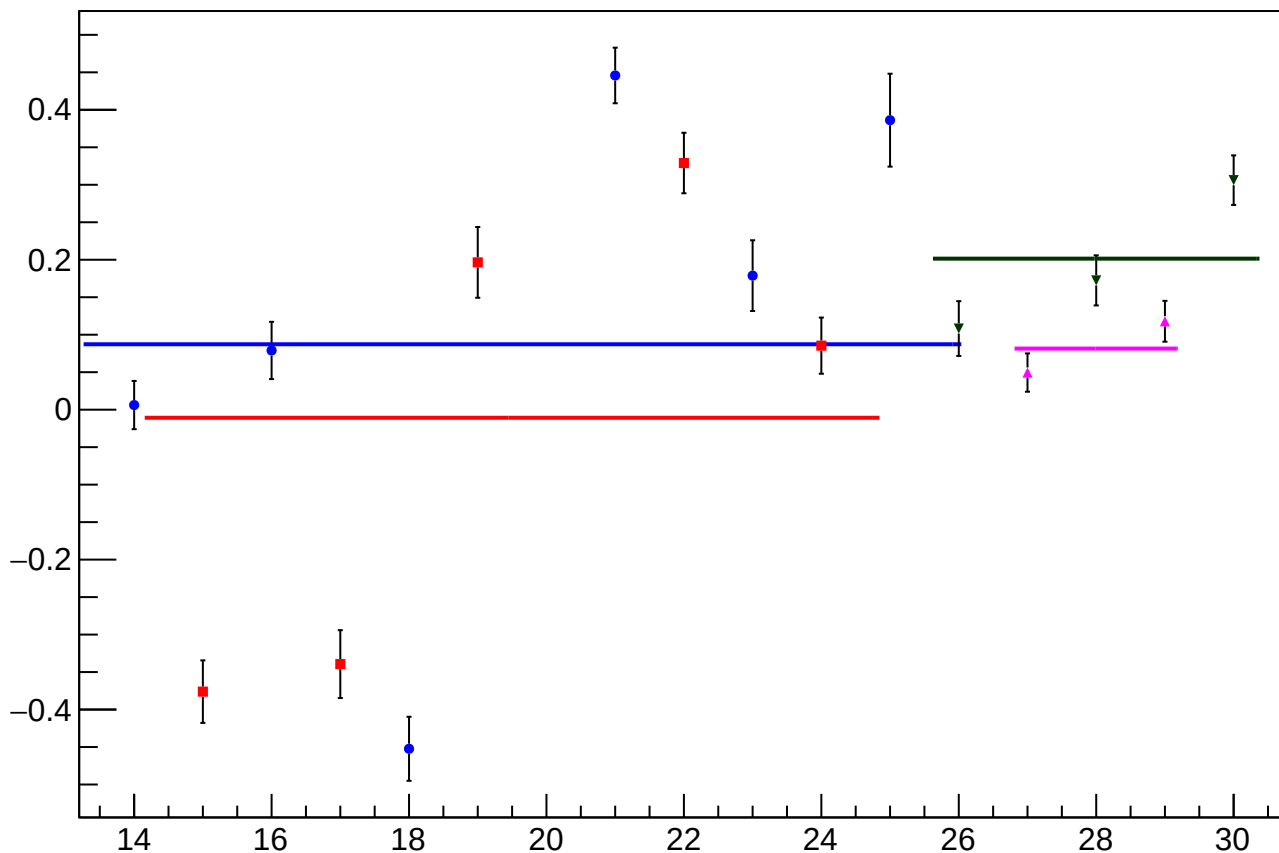
Right Out: -0.010 ± 0.003 χ^2/NDF : 248.7/4

Left In: -0.005 ± 0.003 χ^2/NDF : 1.2/1

-0.004 ± 0.002 χ^2/NDF : 462.9/8

-0.007 ± 0.002 χ^2/NDF : 251.2/6

reg_bcm_dg_us_dg_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.087 ± 0.017 χ^2/NDF : 286.5/5

Left Out: 0.201 ± 0.020 χ^2/NDF : 17.3/2

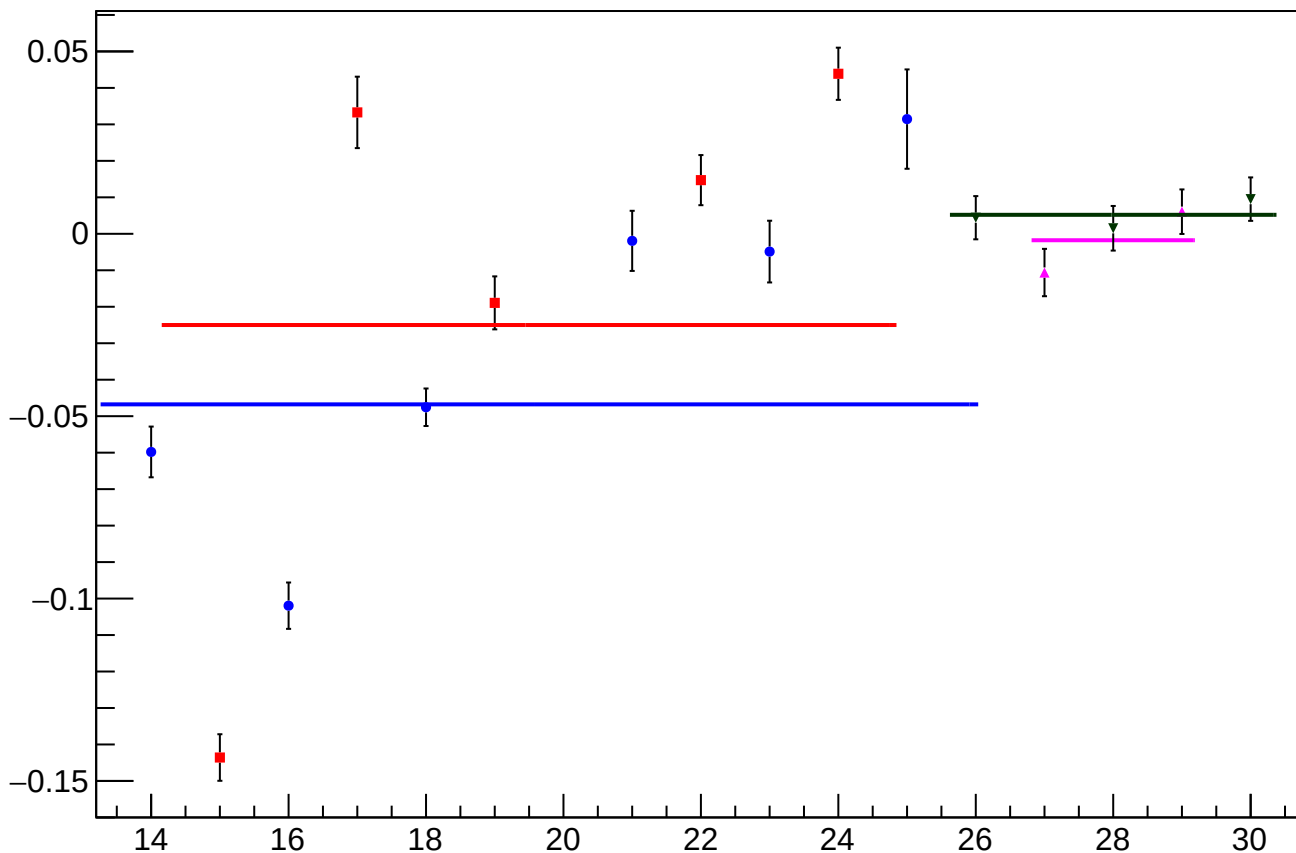
Right Out: -0.011 ± 0.019 χ^2/NDF : 226.2/4

Left In: 0.082 ± 0.019 χ^2/NDF : 3.4/1

0.134 ± 0.013 χ^2/NDF : 323.4/8

0.036 ± 0.013 χ^2/NDF : 241.8/6

reg_bcm_dg_us_dg_ds_dd_diff_bpm11X_slope vs slug



Right In: -0.047 ± 0.003 χ^2/NDF : 166.0/5

Left Out: 0.005 ± 0.003 χ^2/NDF : 0.9/2

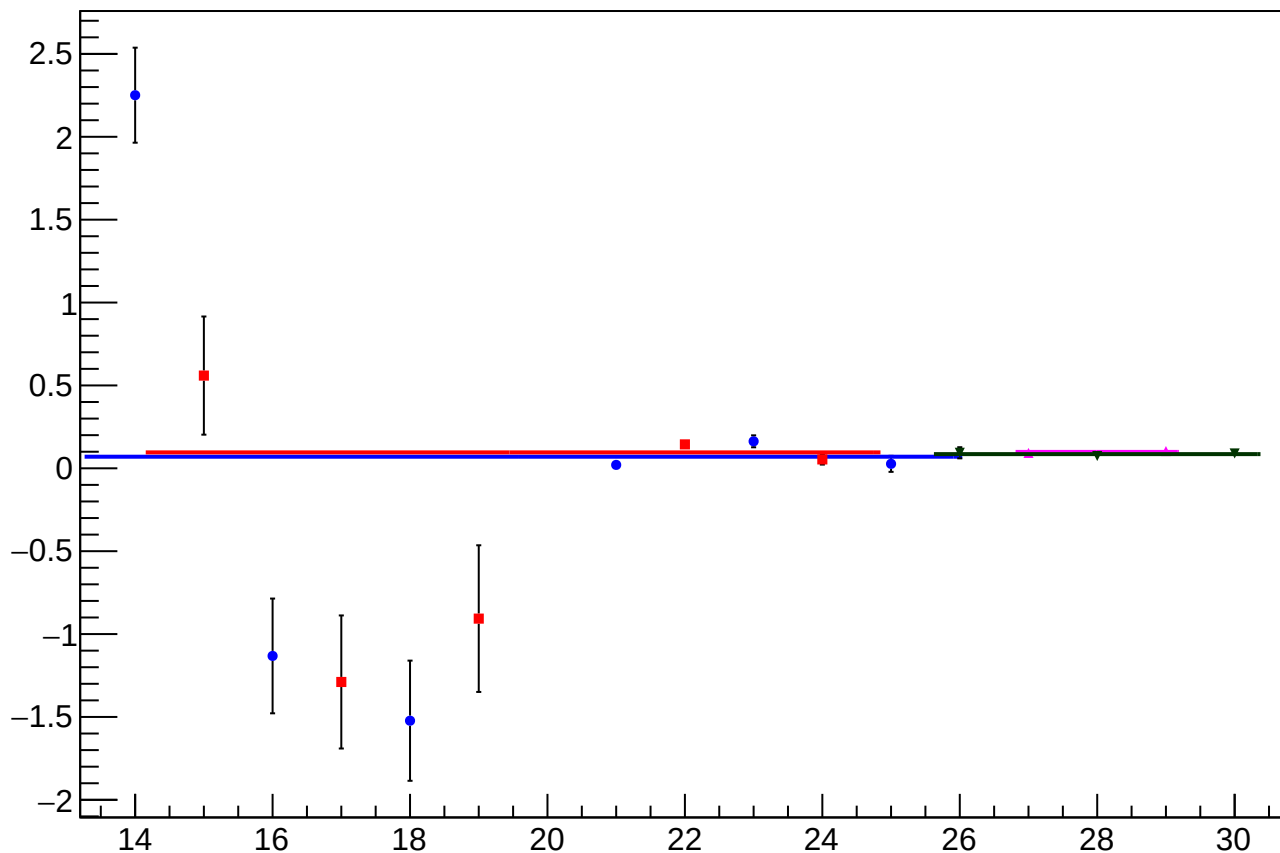
Right Out: -0.025 ± 0.003 χ^2/NDF : 507.3/4

Left In: -0.002 ± 0.004 χ^2/NDF : 3.5/1

-0.025 ± 0.002 χ^2/NDF : 298.6/8

-0.017 ± 0.003 χ^2/NDF : 528.6/6

reg_bcm_cav4cQ_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.070 $\pm$ 0.020 χ^2 /NDF: 99.5/5

Left Out: 0.086 $\pm$ 0.017 χ^2 /NDF: 0.2/2

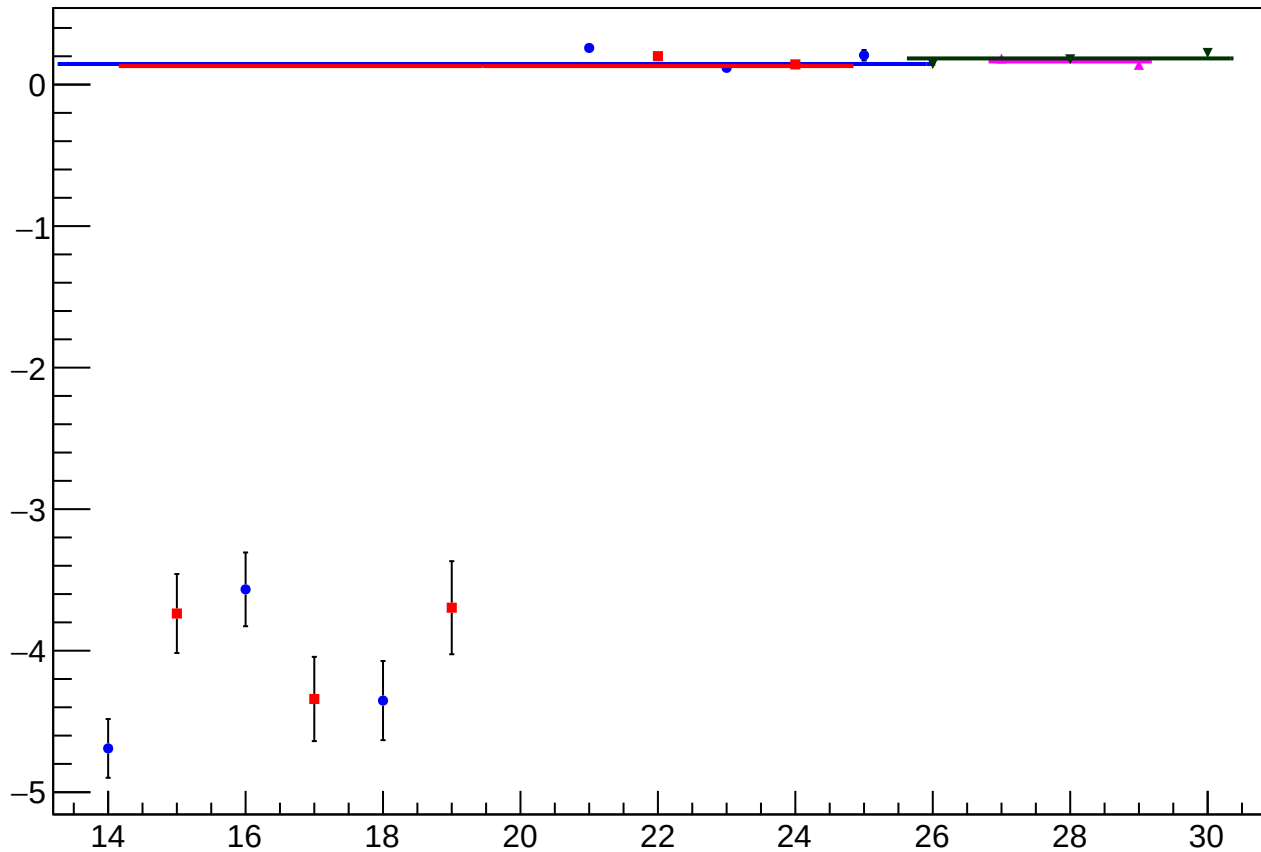
Right Out: 0.096 $\pm$ 0.021 χ^2 /NDF: 23.2/4

Left In: 0.099 $\pm$ 0.018 χ^2 /NDF: 0.1/1

0.079 $\pm$ 0.013 χ^2 /NDF: 100.1/8

0.098 $\pm$ 0.014 χ^2 /NDF: 23.3/6

reg_bcm_cav4cQ_ds_dd_diff_bpm4aY_slope vs slug



Right In: 0.145+/-0.016 χ^2/NDF : 1031.2/5

Left Out: 0.185+/-0.012 χ^2/NDF : 6.7/2

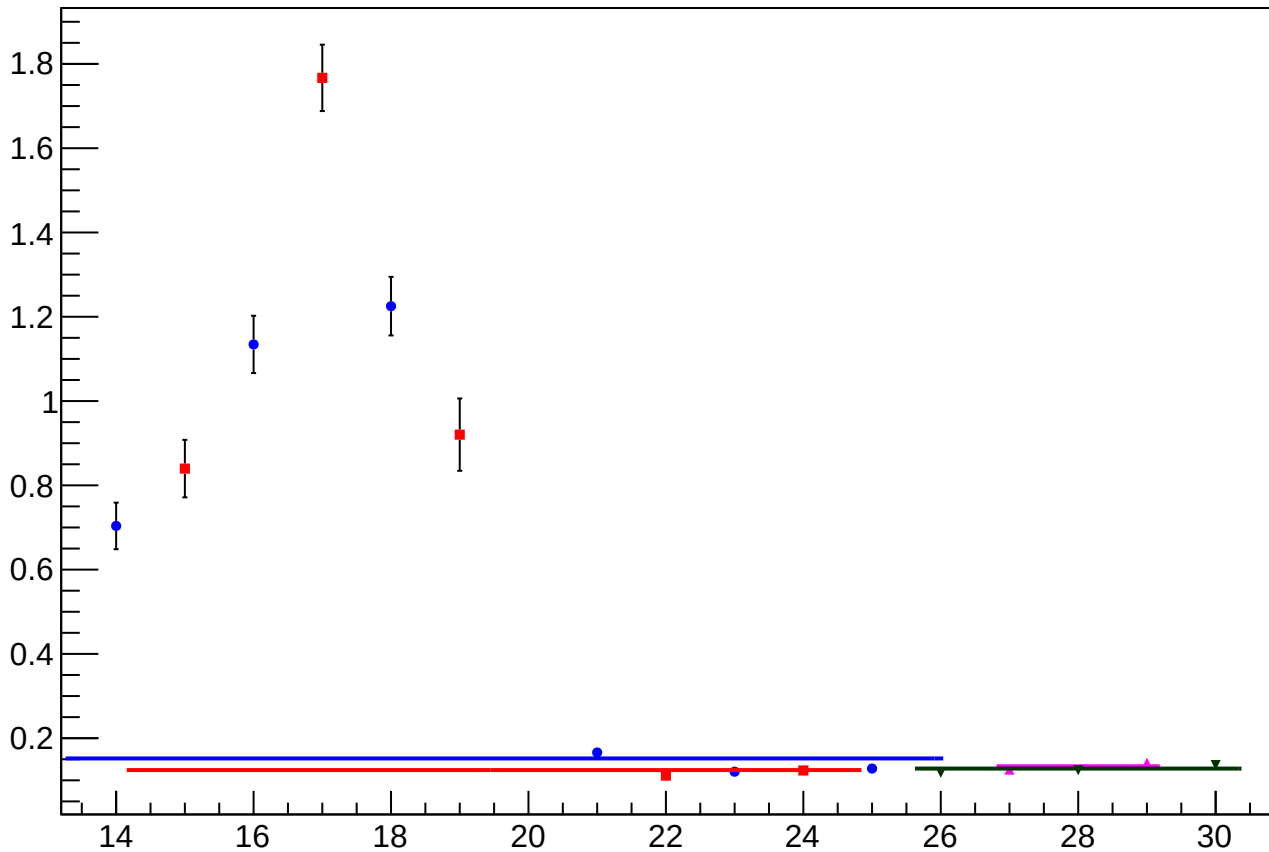
Right Out: 0.131+/-0.017 χ^2/NDF : 561.4/4

Left In: 0.163+/-0.012 χ^2/NDF : 3.3/1

0.170+/-0.010 χ^2/NDF : 1041.6/8

0.152+/-0.010 χ^2/NDF : 567.2/6

reg_bcm_cav4cQ_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.152 $\pm$ 0.004 χ^2 /NDF: 588.2/5

Left Out: 0.128 $\pm$ 0.003 χ^2 /NDF: 8.5/2

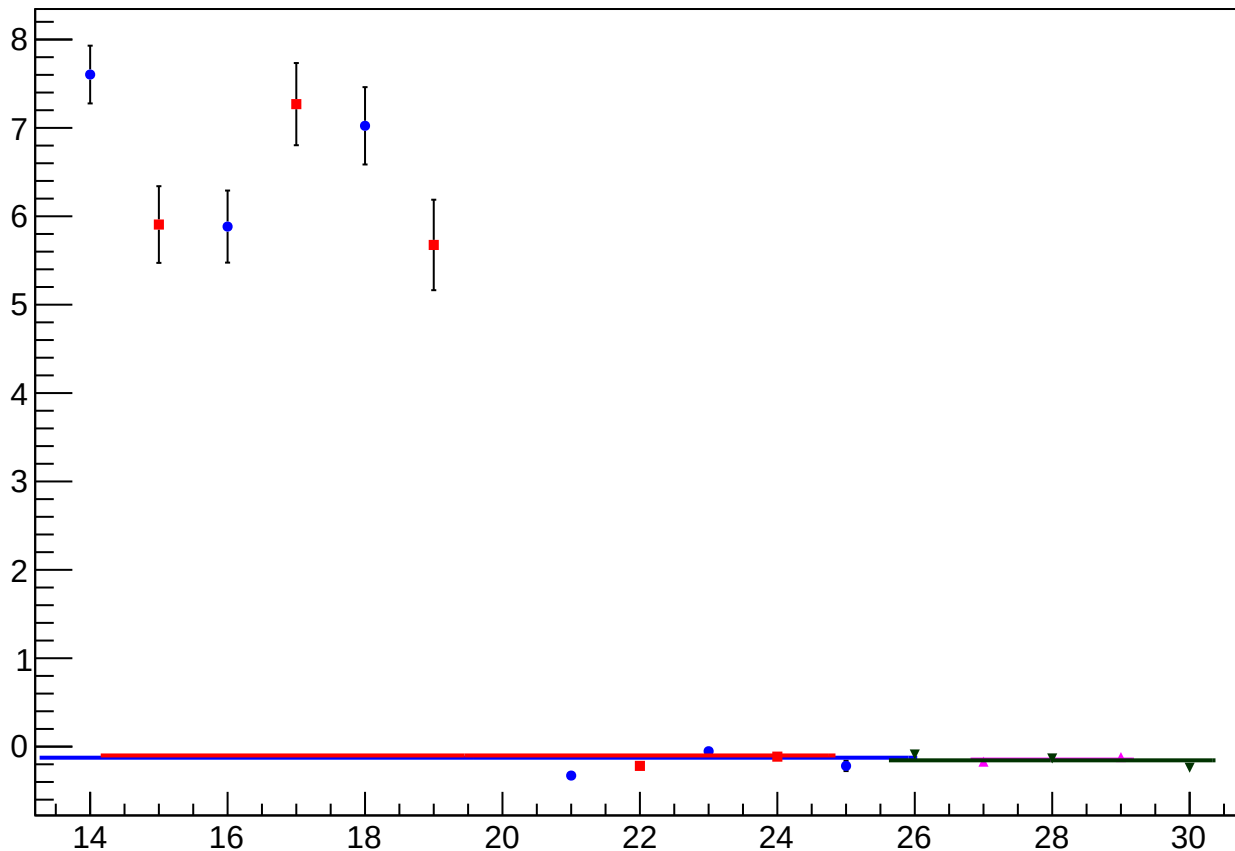
Right Out: 0.124 $\pm$ 0.004 χ^2 /NDF: 637.6/4

Left In: 0.133 $\pm$ 0.003 χ^2 /NDF: 6.0/1

0.137 $\pm$ 0.002 χ^2 /NDF: 625.0/8

0.130 $\pm$ 0.003 χ^2 /NDF: 646.8/6

reg_bcm_cav4cQ_ds_dd_diff_bpm4eY_slope vs slug



Right In: -0.125+/-0.026 χ^2/NDF : 1079.7/5

Left Out: -0.155+/-0.020 χ^2/NDF : 9.8/2

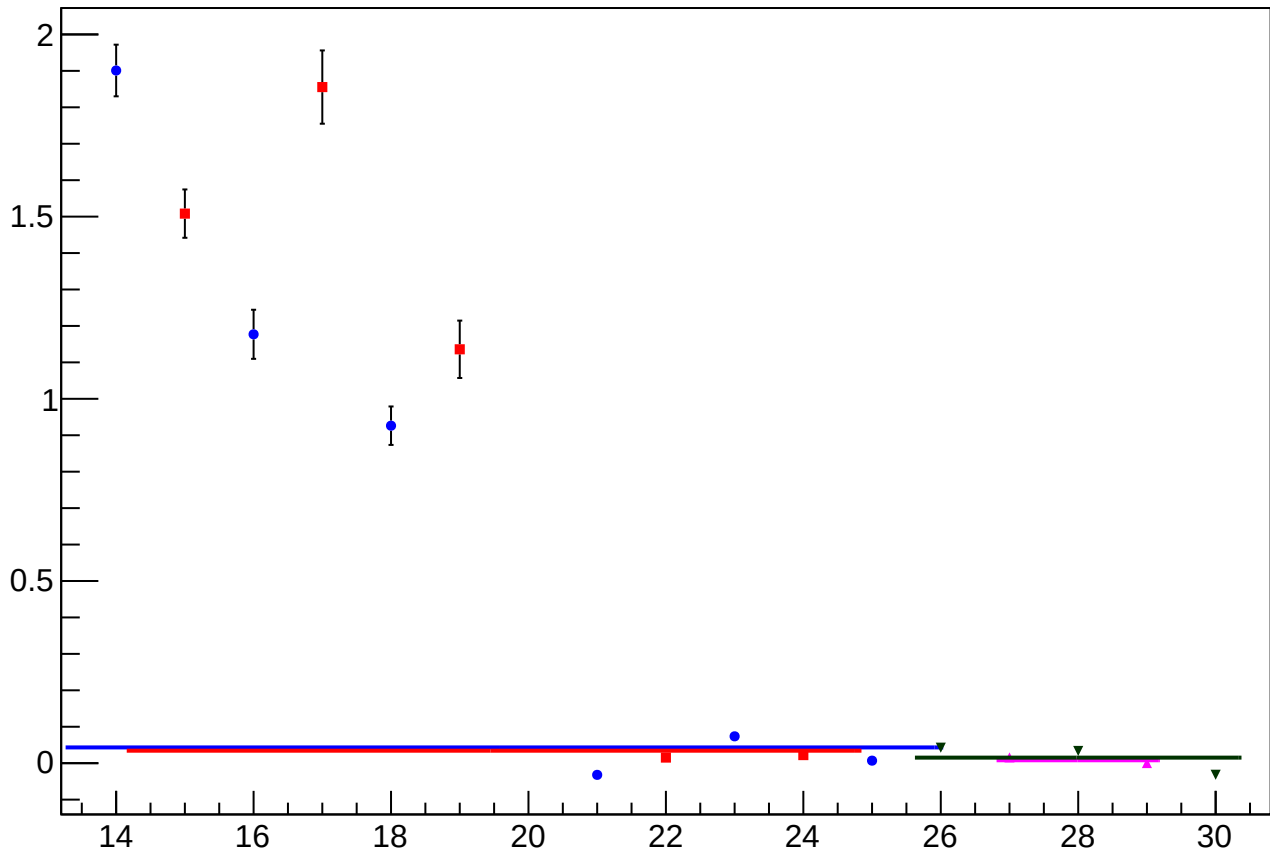
Right Out: -0.100+/-0.026 χ^2/NDF : 579.4/4

Left In: -0.146+/-0.020 χ^2/NDF : 1.7/1

-0.144+/-0.016 χ^2/NDF : 1090.3/8

-0.130+/-0.016 χ^2/NDF : 583.2/6

reg_bcm_cav4cQ_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.043+/-0.005 χ^2/NDF : 1358.6/5

Left Out: 0.015+/-0.003 χ^2/NDF : 91.6/2

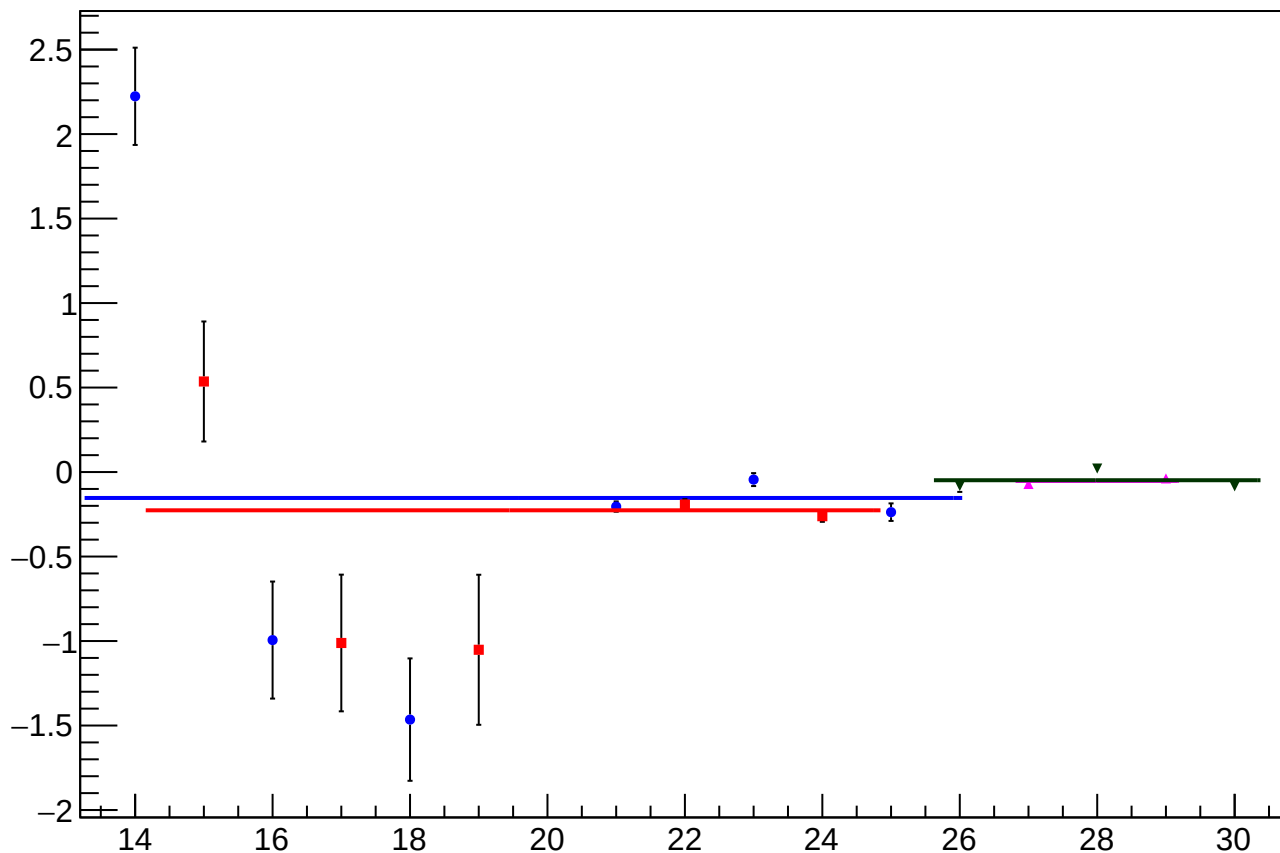
Right Out: 0.034+/-0.005 χ^2/NDF : 1028.8/4

Left In: 0.008+/-0.005 χ^2/NDF : 2.8/1

0.024+/-0.003 χ^2/NDF : 1470.1/8

0.021+/-0.003 χ^2/NDF : 1047.4/6

reg_bcm_dg_us_ds_dd_diff_bpm4aX_slope vs slug



Right In: -0.153 ± 0.022 χ^2/NDF : 100.7/5

Left Out: -0.048 ± 0.017 χ^2/NDF : 9.0/2

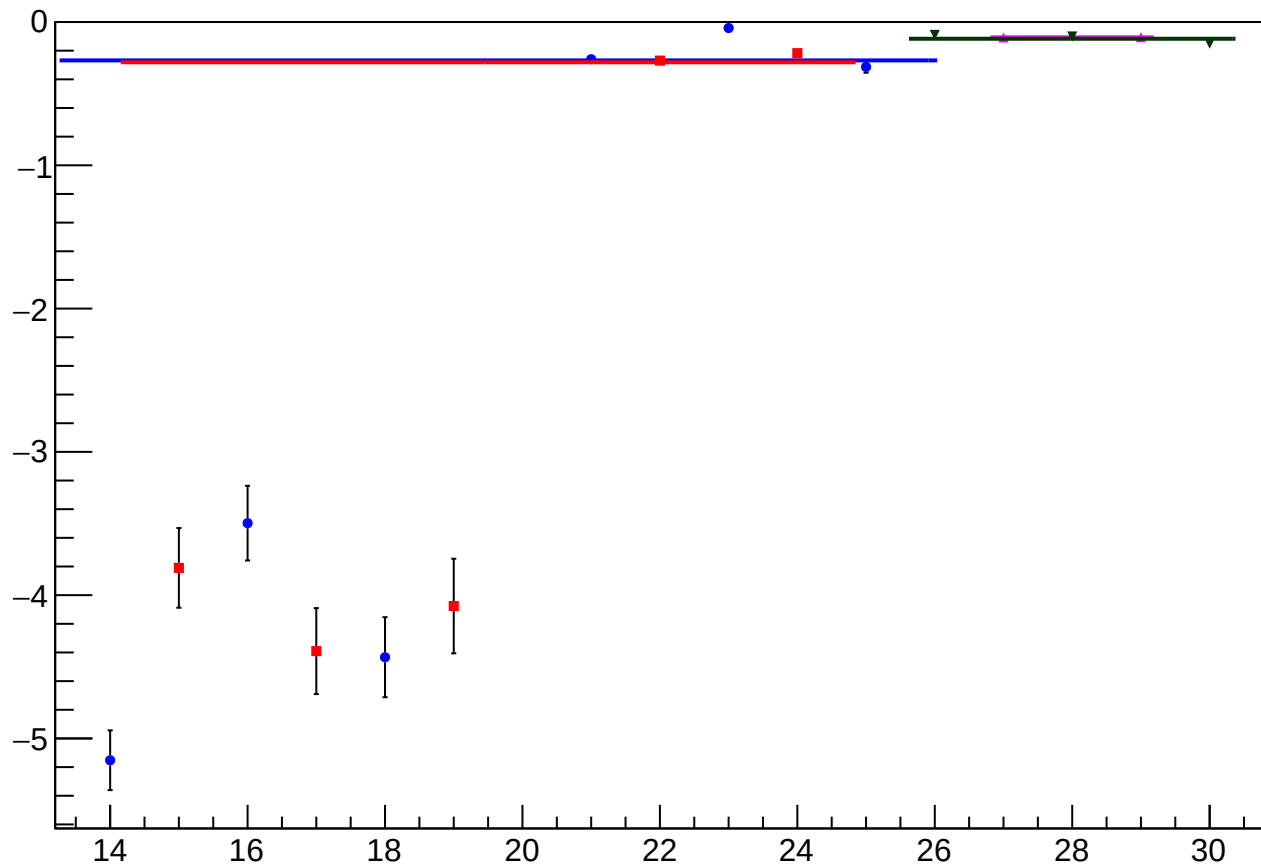
Right Out: -0.226 ± 0.023 χ^2/NDF : 14.1/4

Left In: -0.053 ± 0.017 χ^2/NDF : 0.9/1

-0.087 ± 0.013 χ^2/NDF : 124.6/8

-0.117 ± 0.014 χ^2/NDF : 51.5/6

reg_bcm_dg_us_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.268 $\pm$ 0.017 χ^2 /NDF: 976.9/5

Left Out: -0.117 $\pm$ 0.012 χ^2 /NDF: 4.7/2

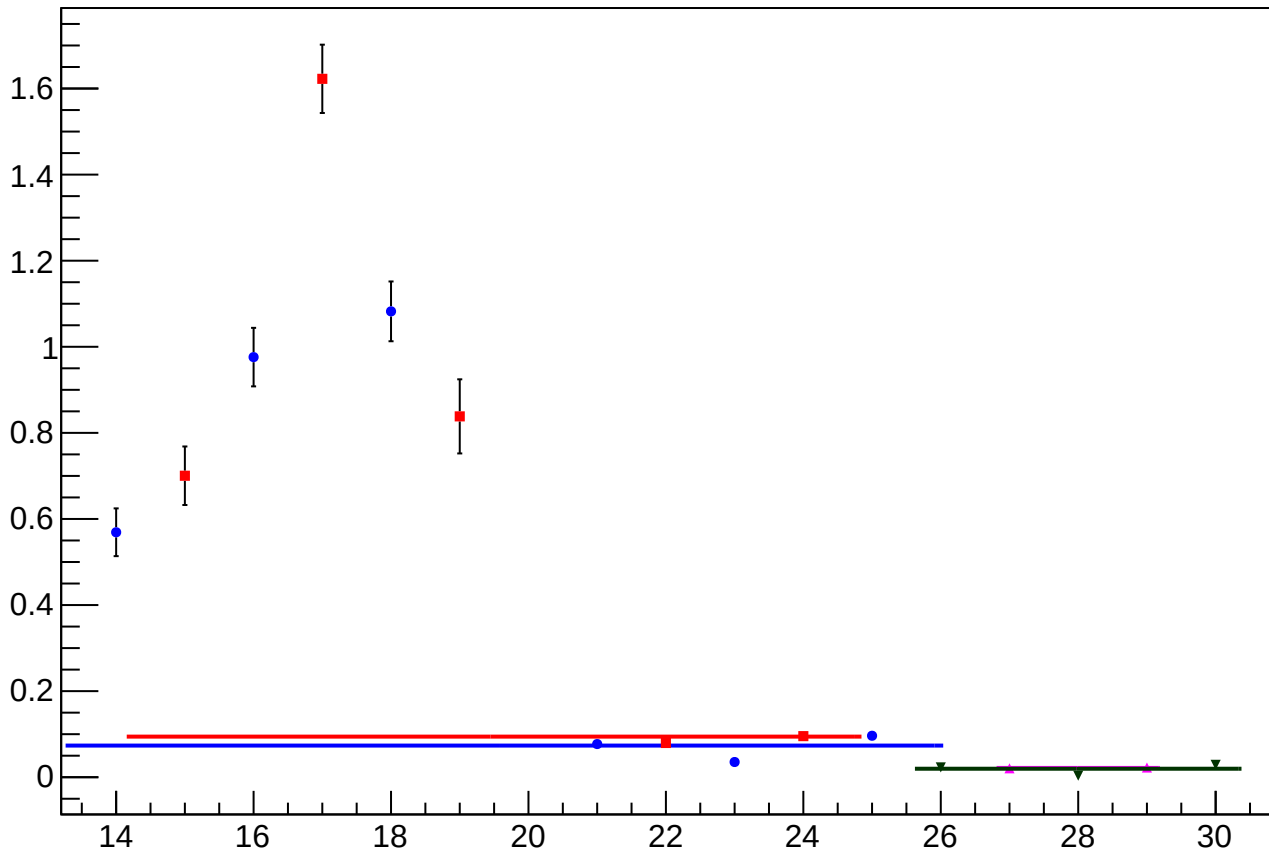
Right Out: -0.281 $\pm$ 0.018 χ^2 /NDF: 488.2/4

Left In: -0.107 $\pm$ 0.012 χ^2 /NDF: 0.0/1

-0.169 $\pm$ 0.010 χ^2 /NDF: 1032.3/8

-0.162 $\pm$ 0.010 χ^2 /NDF: 554.2/6

reg_bcm_dg_us_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.074 $\pm$ 0.004 χ^2/NDF : 508.0/5

Left Out: 0.020 $\pm$ 0.003 χ^2/NDF :16.2/2

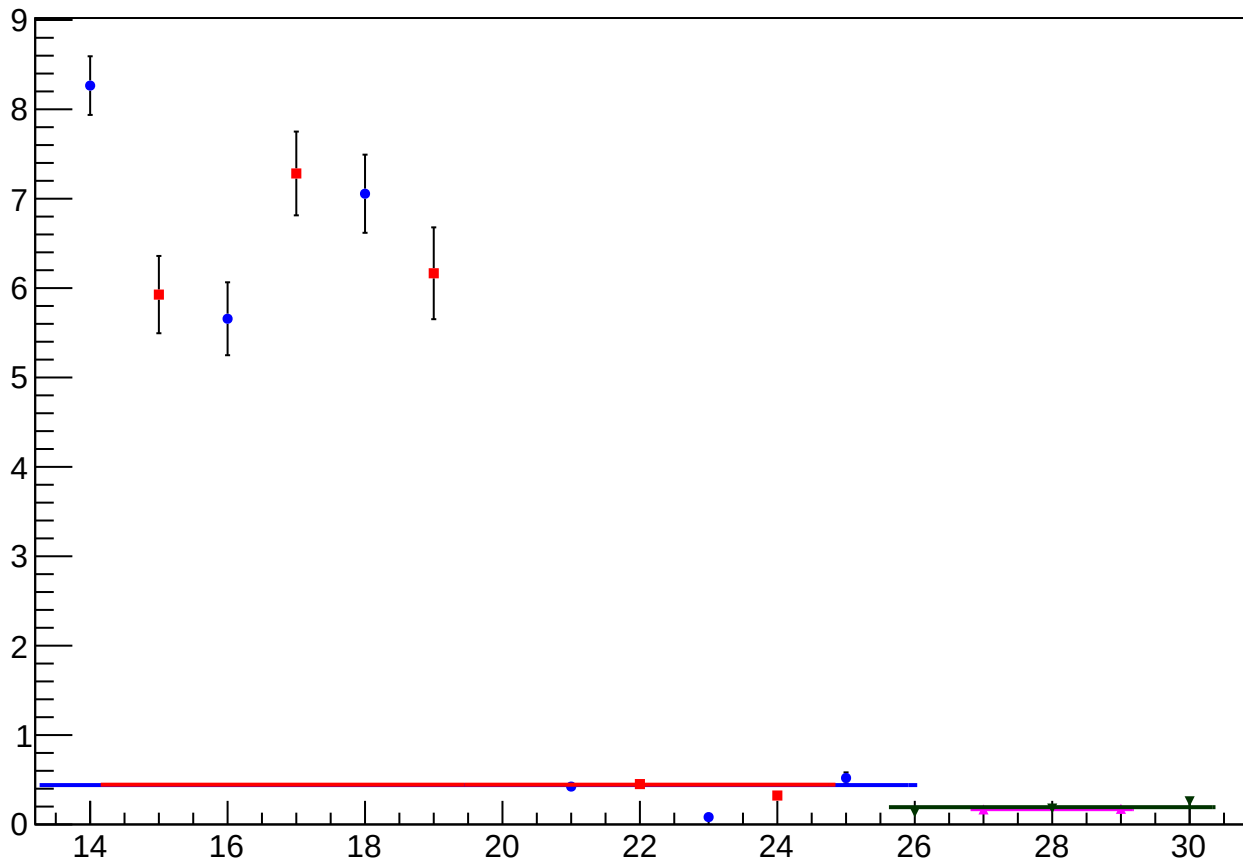
Right Out: 0.094 $\pm$ 0.004 χ^2/NDF : 532.4/4

Left In: 0.022 $\pm$ 0.003 χ^2/NDF :0.1/1

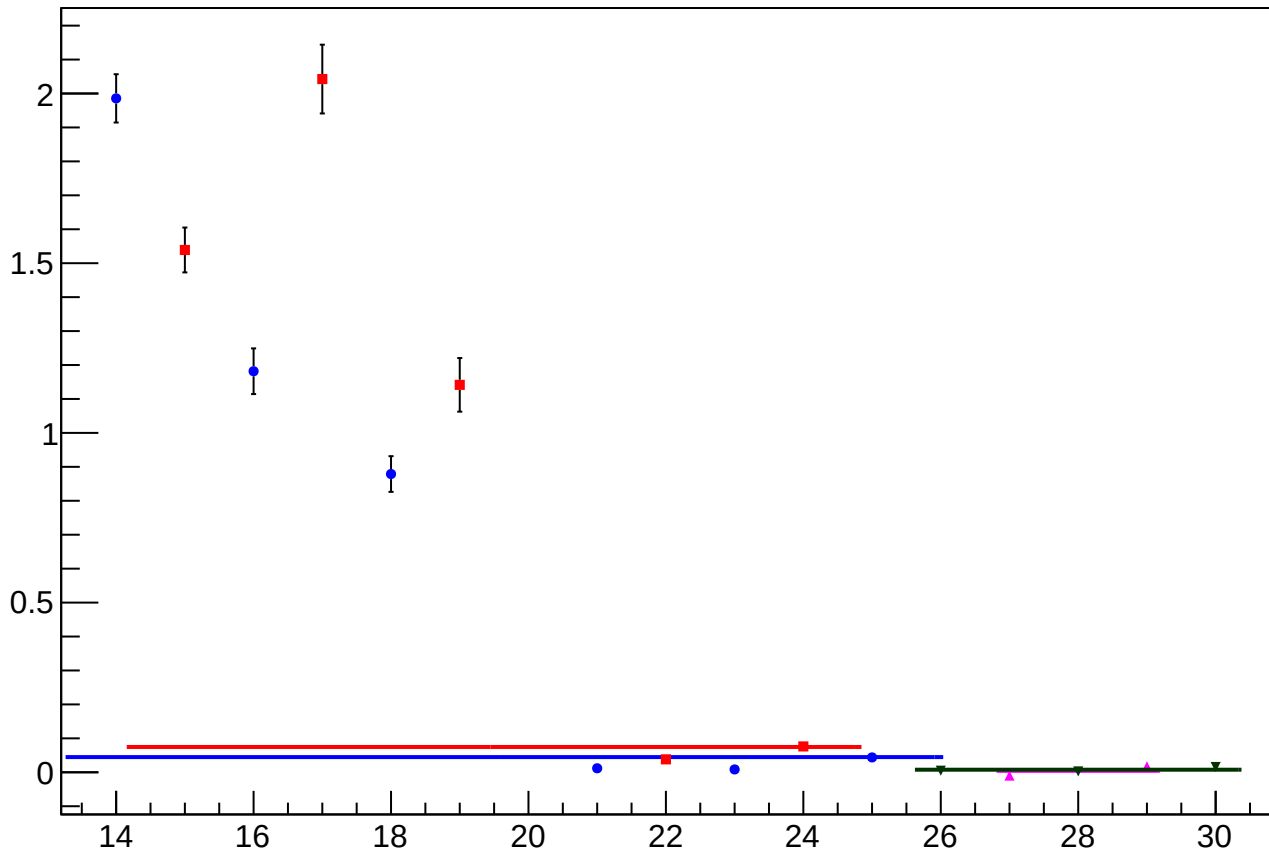
0.038 $\pm$ 0.002 χ^2/NDF : 657.3/8

0.049 $\pm$ 0.003 χ^2/NDF : 722.9/6

reg_bcm_dg_us_ds_dd_diff_bpm4eY_slope vs slug



reg_bcm_dg_us_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.045 $\pm$ 0.006 χ^2 /NDF: 1313.0/5

Left Out: 0.008 $\pm$ 0.003 χ^2 /NDF: 2.7/2

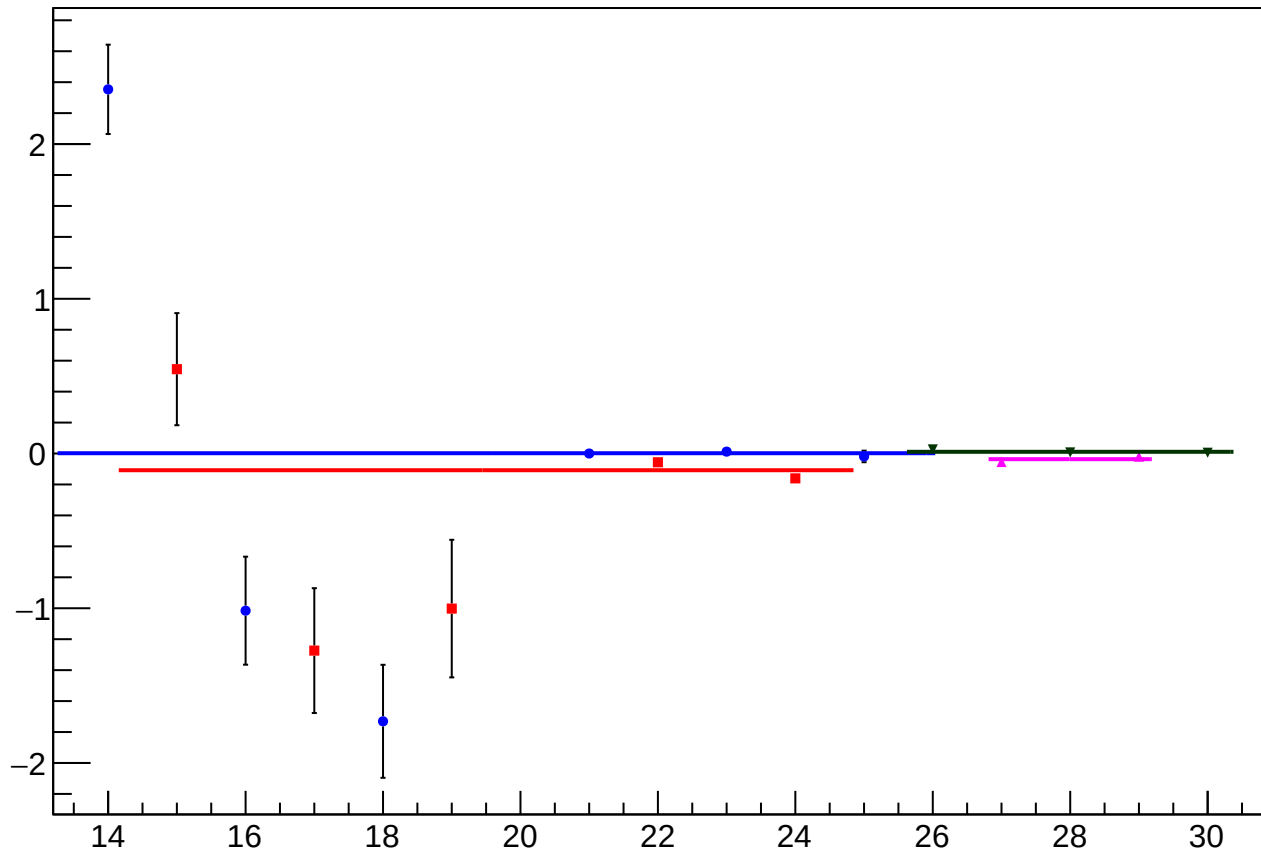
Right Out: 0.075 $\pm$ 0.005 χ^2 /NDF: 1077.3/4

Left In: 0.004 $\pm$ 0.005 χ^2 /NDF: 8.9/1

0.018 $\pm$ 0.003 χ^2 /NDF: 1348.3/8

0.036 $\pm$ 0.003 χ^2 /NDF: 1194.2/6

reg_bcm_dg_ds_ds_dd_diff_bpm4aX_slope vs slug



Right In: 0.002 ± 0.016 χ^2/NDF : 97.8/5

Left Out: 0.011 ± 0.013 χ^2/NDF : 0.5/2

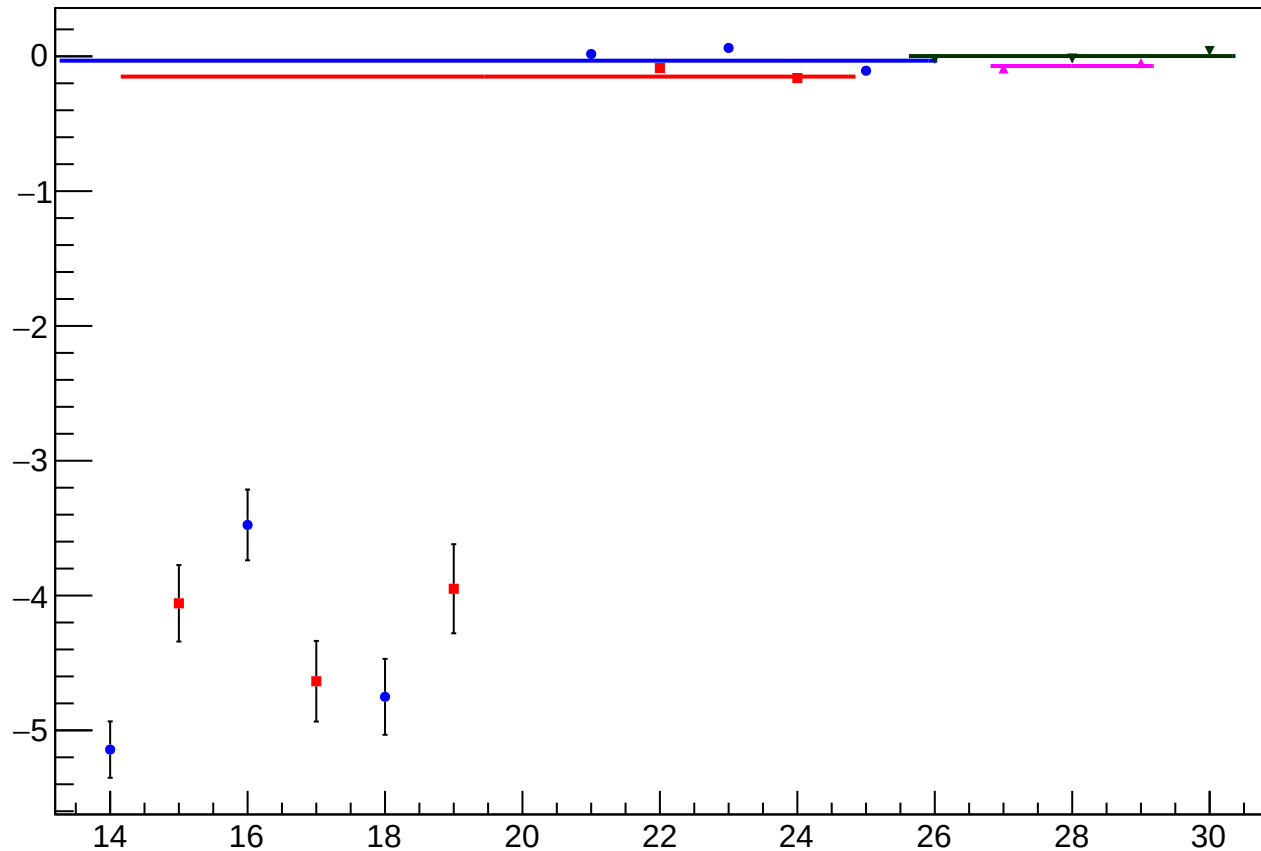
Right Out: -0.108 ± 0.017 χ^2/NDF : 25.2/4

Left In: -0.037 ± 0.014 χ^2/NDF : 1.6/1

0.008 ± 0.010 χ^2/NDF : 98.5/8

-0.065 ± 0.011 χ^2/NDF : 37.8/6

reg_bcm_dg_ds_ds_dd_diff_bpm4aY_slope vs slug



Right In: -0.032 ± 0.013 χ^2/NDF : 1078.7/5

Left Out: 0.002 ± 0.009 χ^2/NDF : 8.3/2

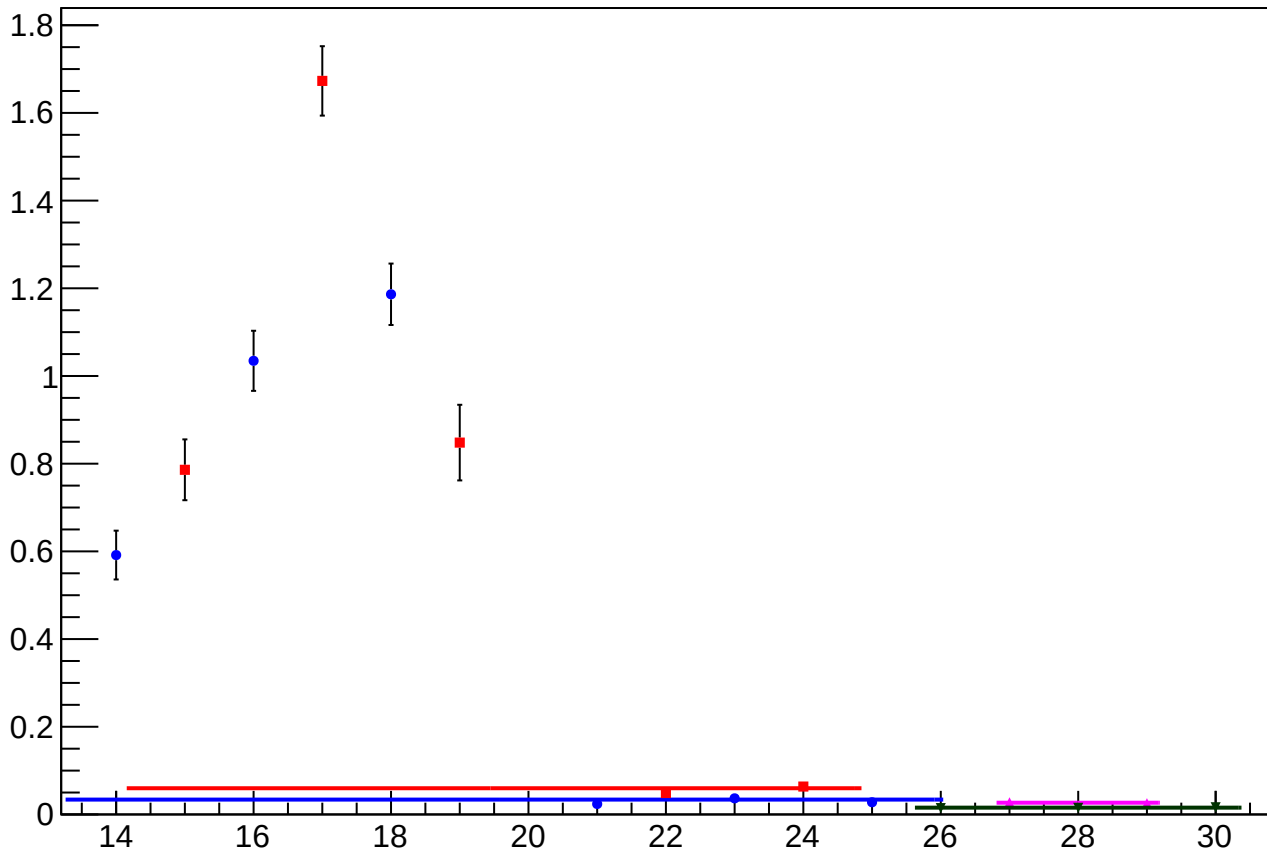
Right Out: -0.150 ± 0.013 χ^2/NDF : 557.9/4

Left In: -0.072 ± 0.009 χ^2/NDF : 4.5/1

-0.010 ± 0.008 χ^2/NDF : 1091.6/8

-0.099 ± 0.008 χ^2/NDF : 586.4/6

reg_bcm_dg_ds_ds_dd_diff_bpm4eX_slope vs slug



Right In: 0.034 $\pm$ 0.003 χ^2 /NDF: 591.8/5

Left Out: 0.016 $\pm$ 0.002 χ^2 /NDF: 0.1/2

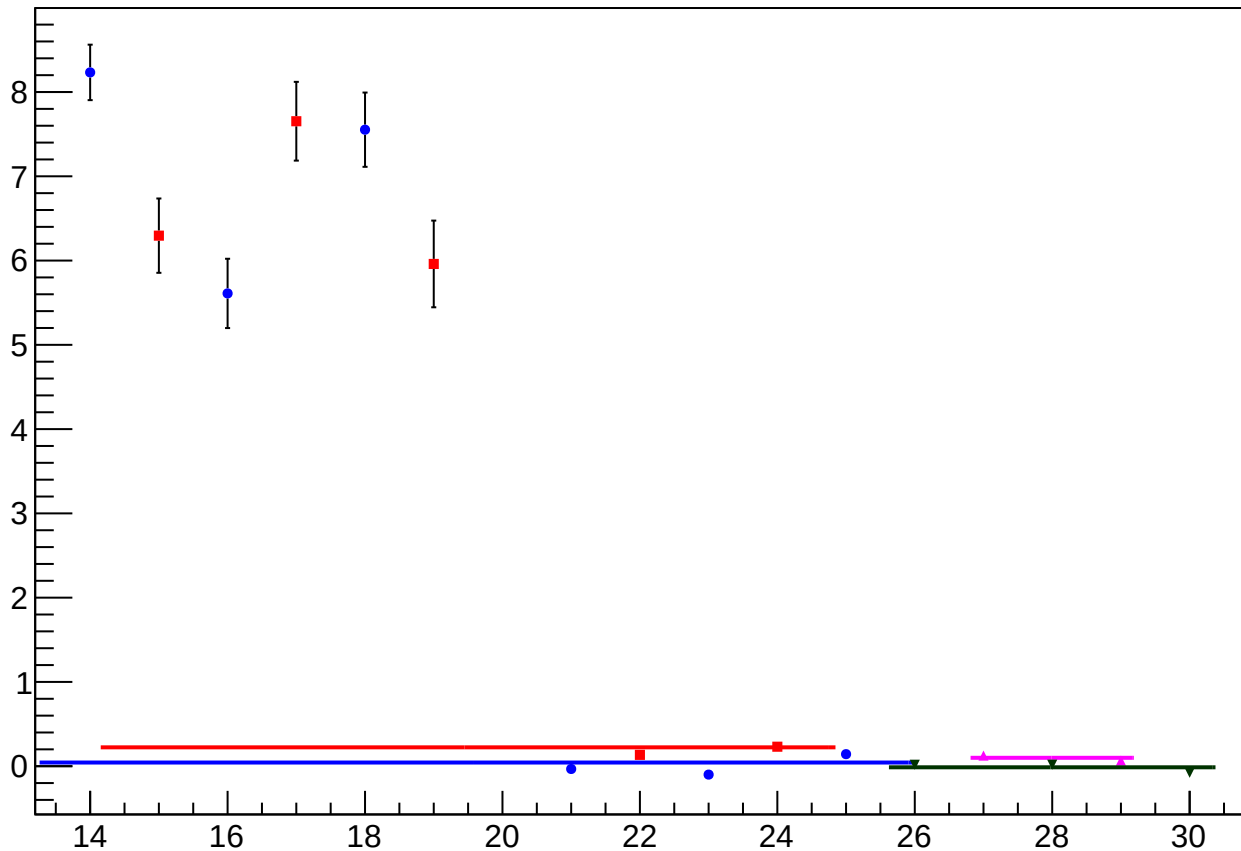
Right Out: 0.060 $\pm$ 0.003 χ^2 /NDF: 616.7/4

Left In: 0.027 $\pm$ 0.003 χ^2 /NDF: 0.2/1

0.022 $\pm$ 0.002 χ^2 /NDF: 619.2/8

0.040 $\pm$ 0.002 χ^2 /NDF: 686.7/6

reg_bcm_dg_ds_ds_dd_diff_bpm4eY_slope vs slug



Right In: 0.044 ± 0.020 χ^2/NDF : 1119.4/5

Left Out: -0.013 ± 0.015 χ^2/NDF : 8.8/2

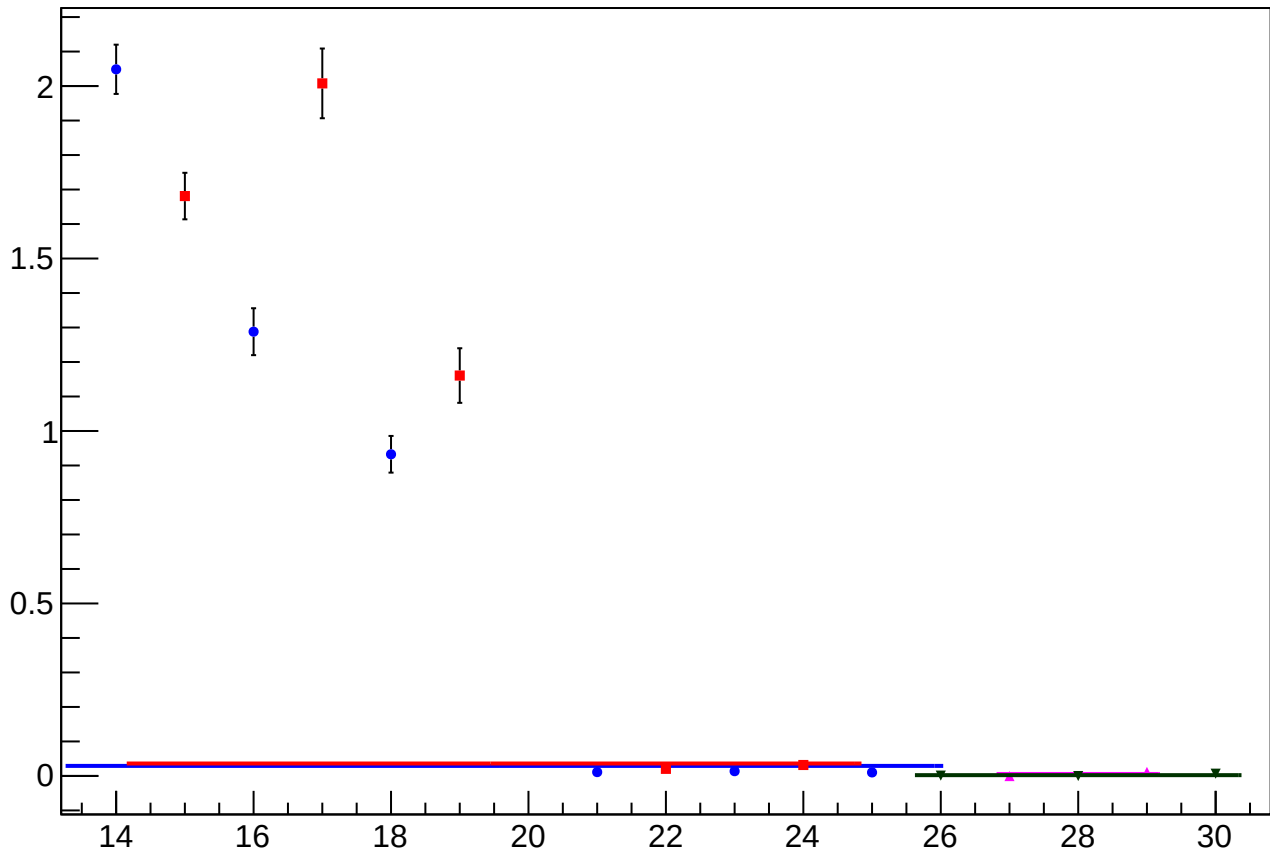
Right Out: 0.224 ± 0.020 χ^2/NDF : 575.4/4

Left In: 0.100 ± 0.015 χ^2/NDF : 3.9/1

0.007 ± 0.012 χ^2/NDF : 1133.3/8

0.143 ± 0.012 χ^2/NDF : 603.7/6

reg_bcm_dg_ds_ds_dd_diff_bpm11X_slope vs slug



Right In: 0.029 $\pm$ 0.004 χ^2 /NDF: 1448.5/5

Left Out: 0.002 $\pm$ 0.003 χ^2 /NDF:1.3/2

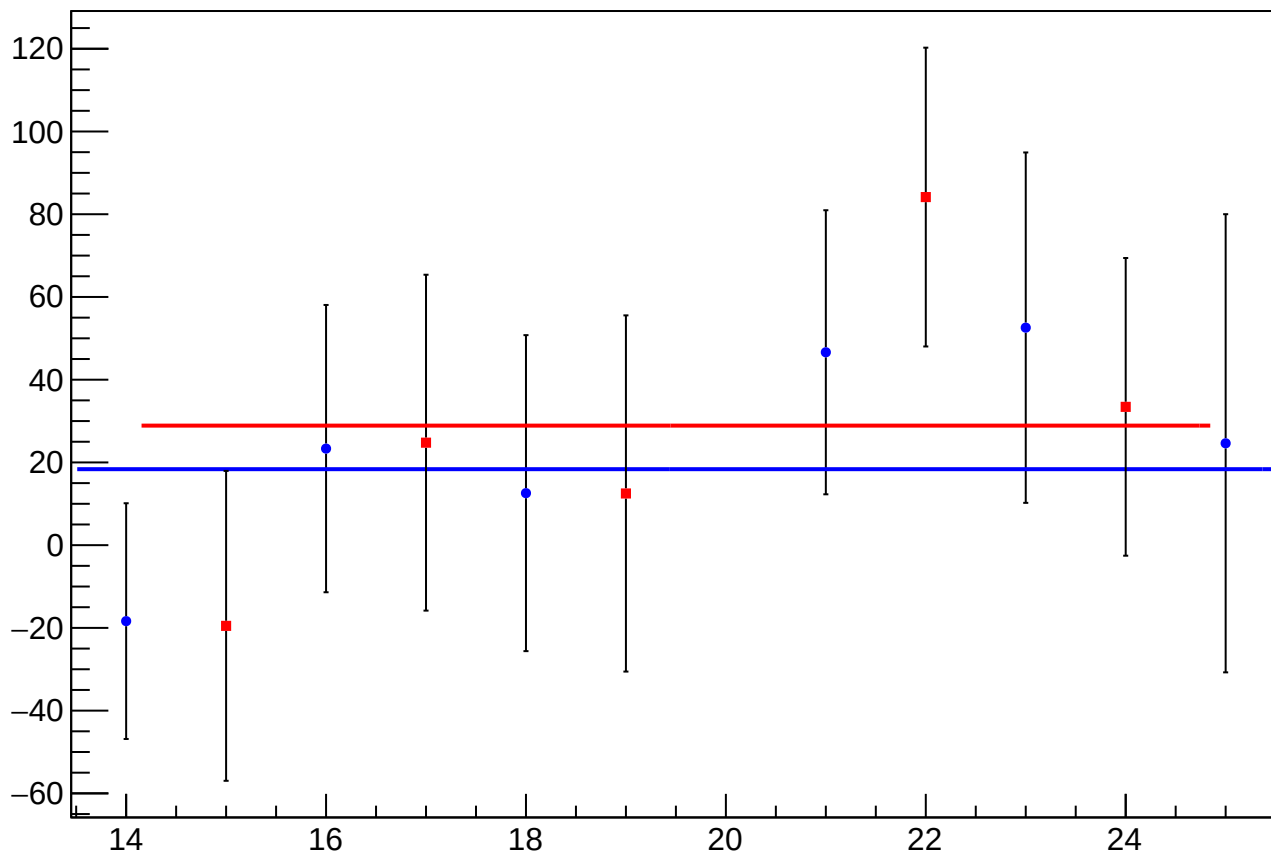
Right Out: 0.036 $\pm$ 0.004 χ^2 /NDF: 1187.5/4

Left In: 0.006 $\pm$ 0.004 χ^2 /NDF:3.0/1

0.010 $\pm$ 0.002 χ^2 /NDF: 1479.7/8

0.020 $\pm$ 0.003 χ^2 /NDF: 1226.0/6

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

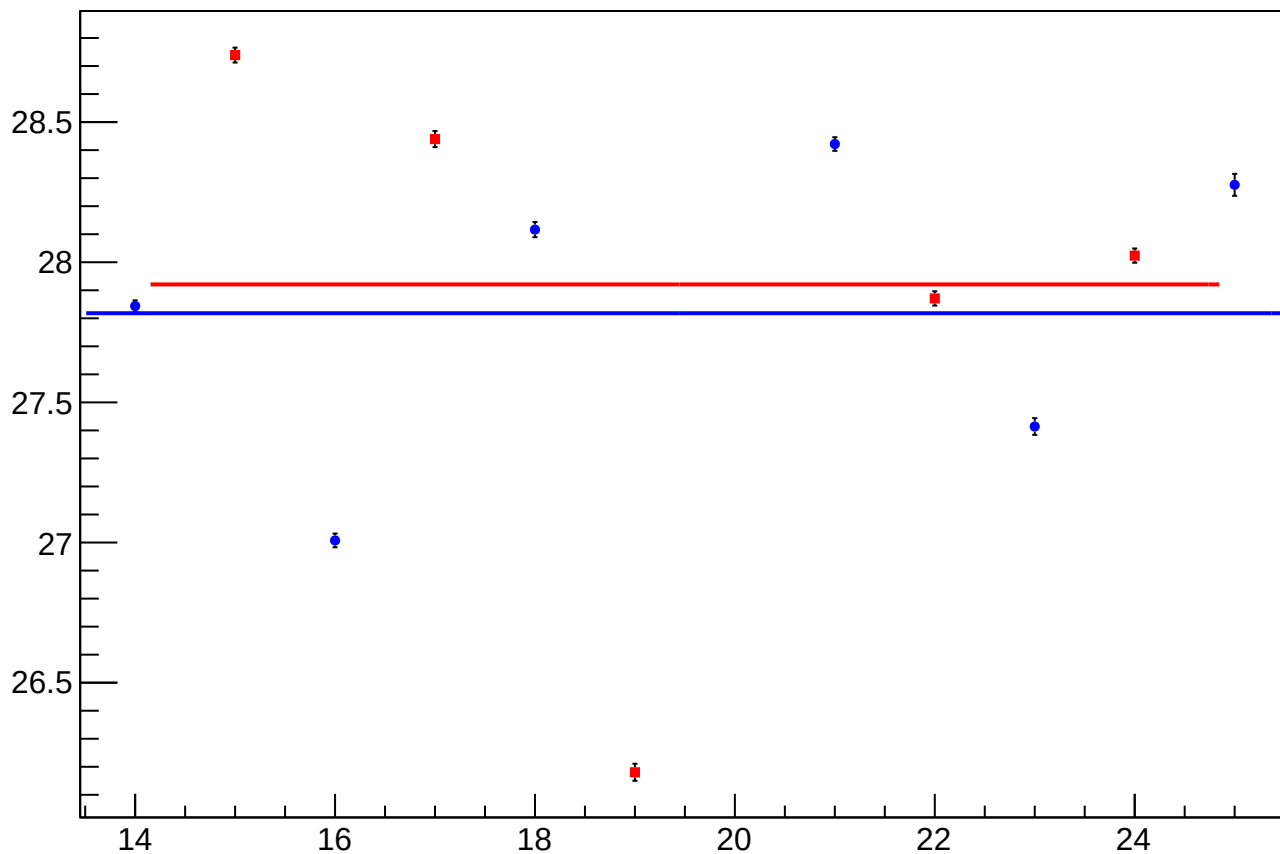
Right Out: 28.899+/-17.155 χ^2/NDF : 4.2/4

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

18.369+/-14.943 χ^2/NDF : 3.0/5

28.899+/-17.155 χ^2/NDF : 4.2/4

bcm_dg_us_dg_ds_dd_rms vs slug



Right In: 27.818 $\pm$ 0.011 χ^2 /NDF: 2150.6/5

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

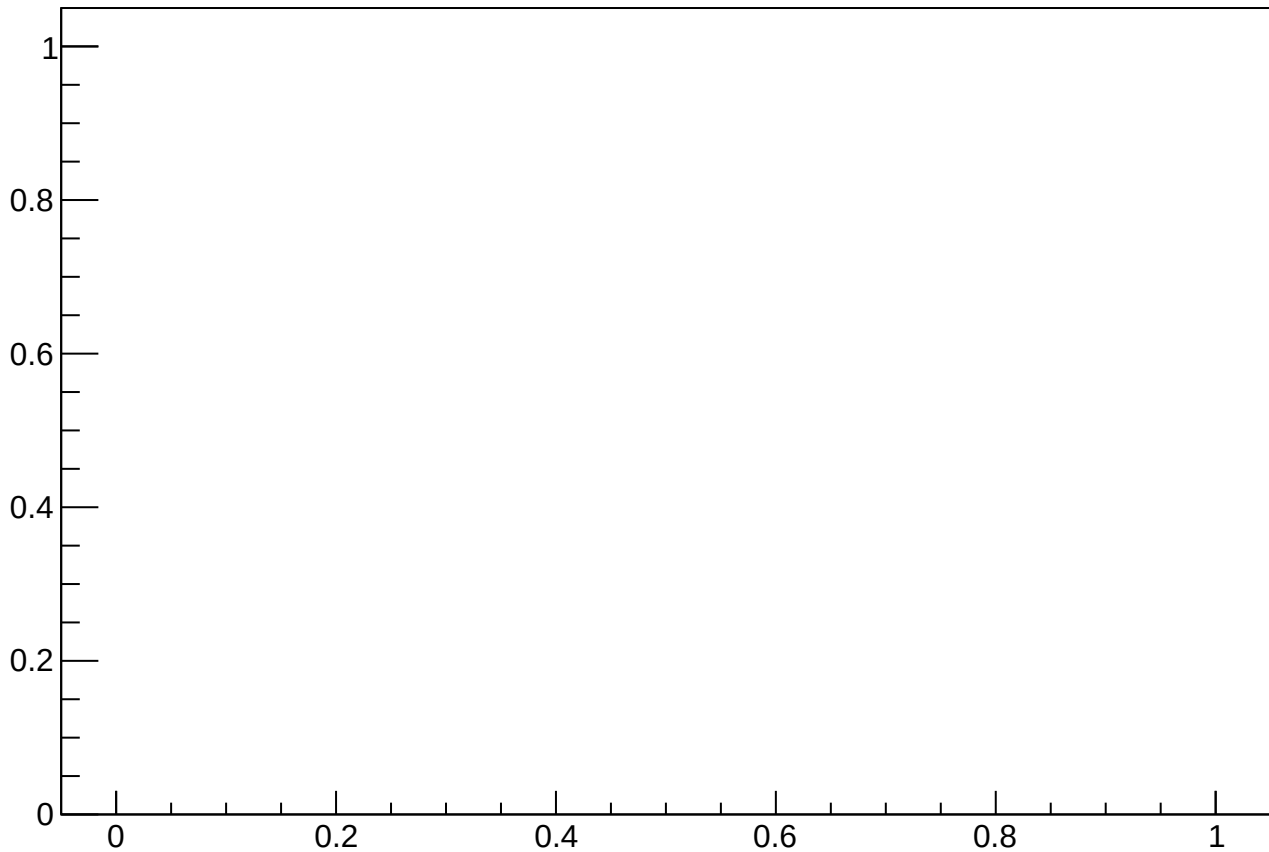
Right Out: 27.921 $\pm$ 0.012 χ^2 /NDF: 4568.9/4

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

27.818 $\pm$ 0.011 χ^2 /NDF: 2150.6/5

27.921 $\pm$ 0.012 χ^2 /NDF: 4568.9/4

bcm_dg_us_dg_ds_avg_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

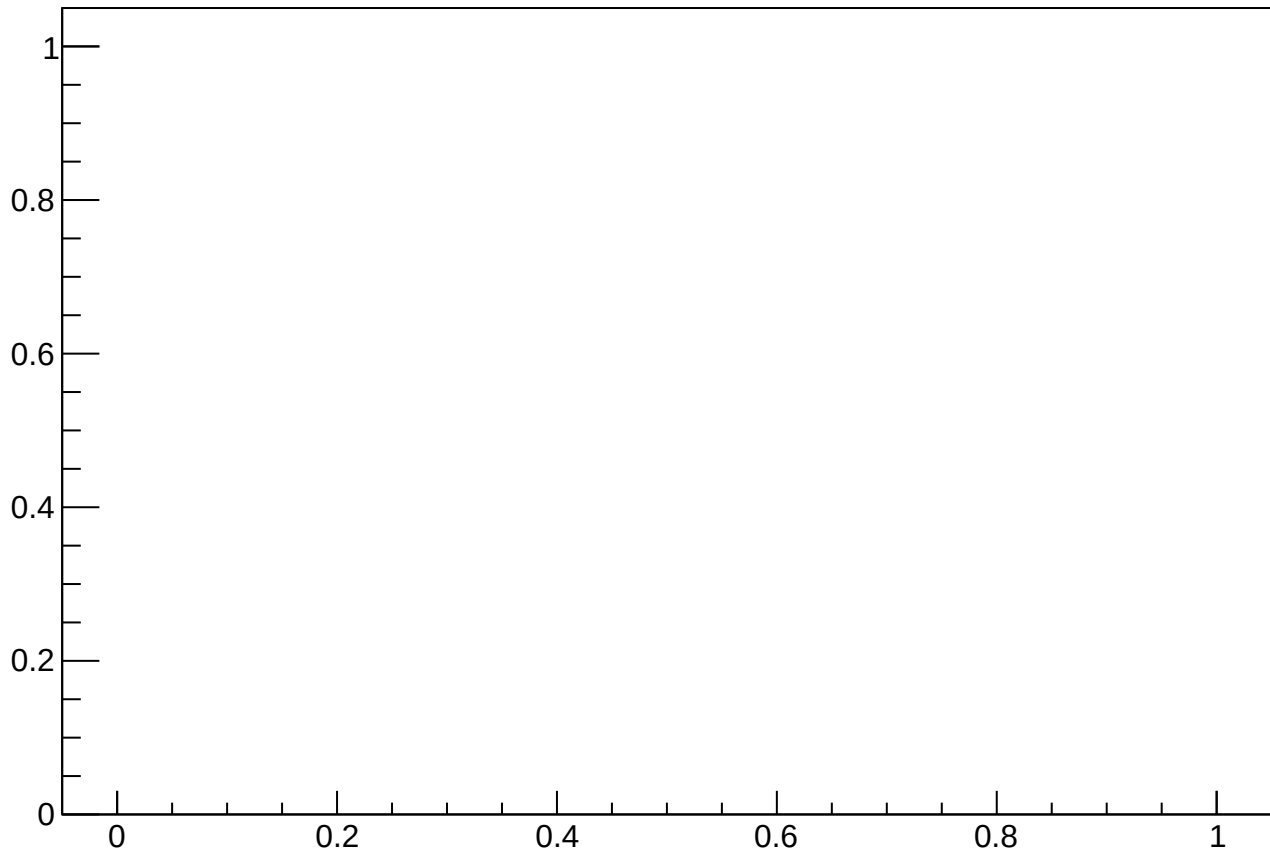
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

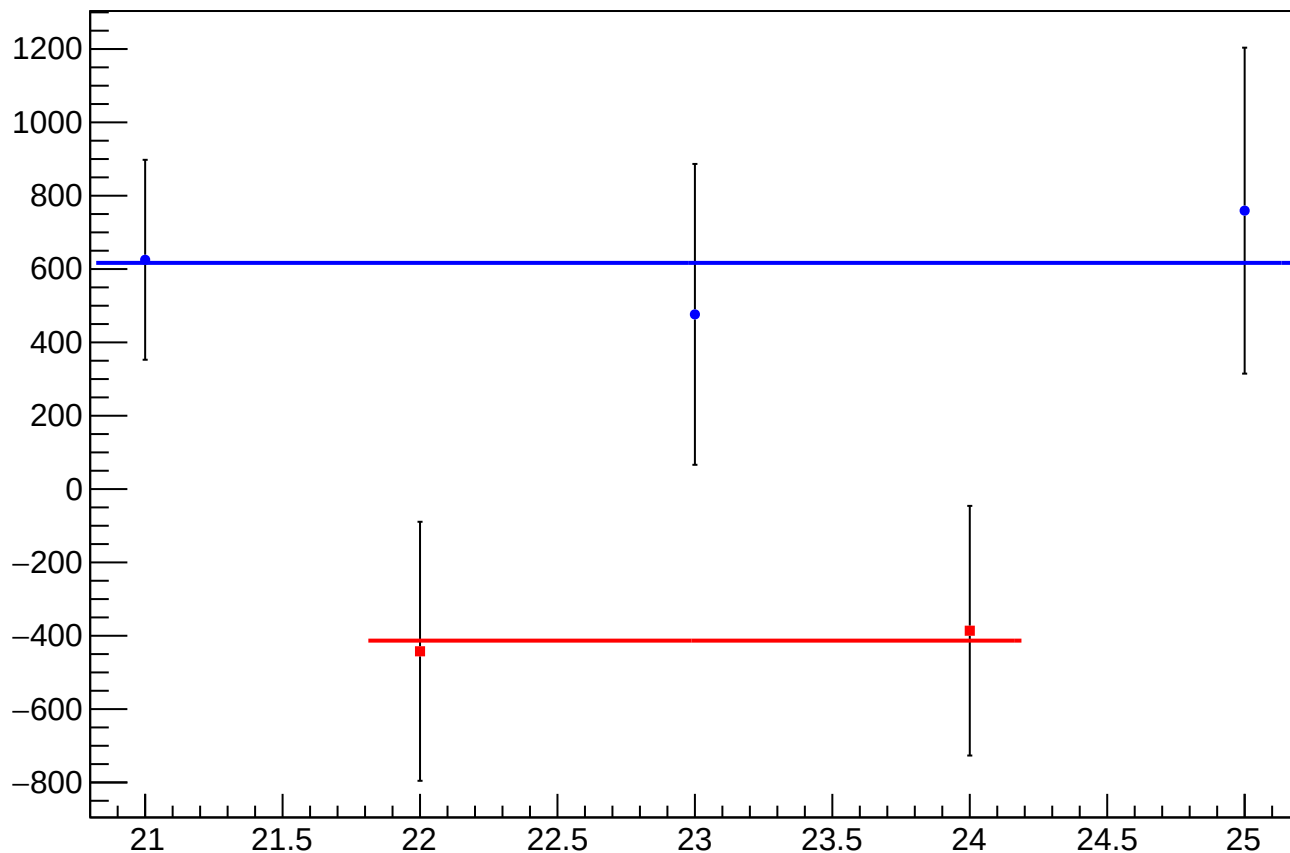
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

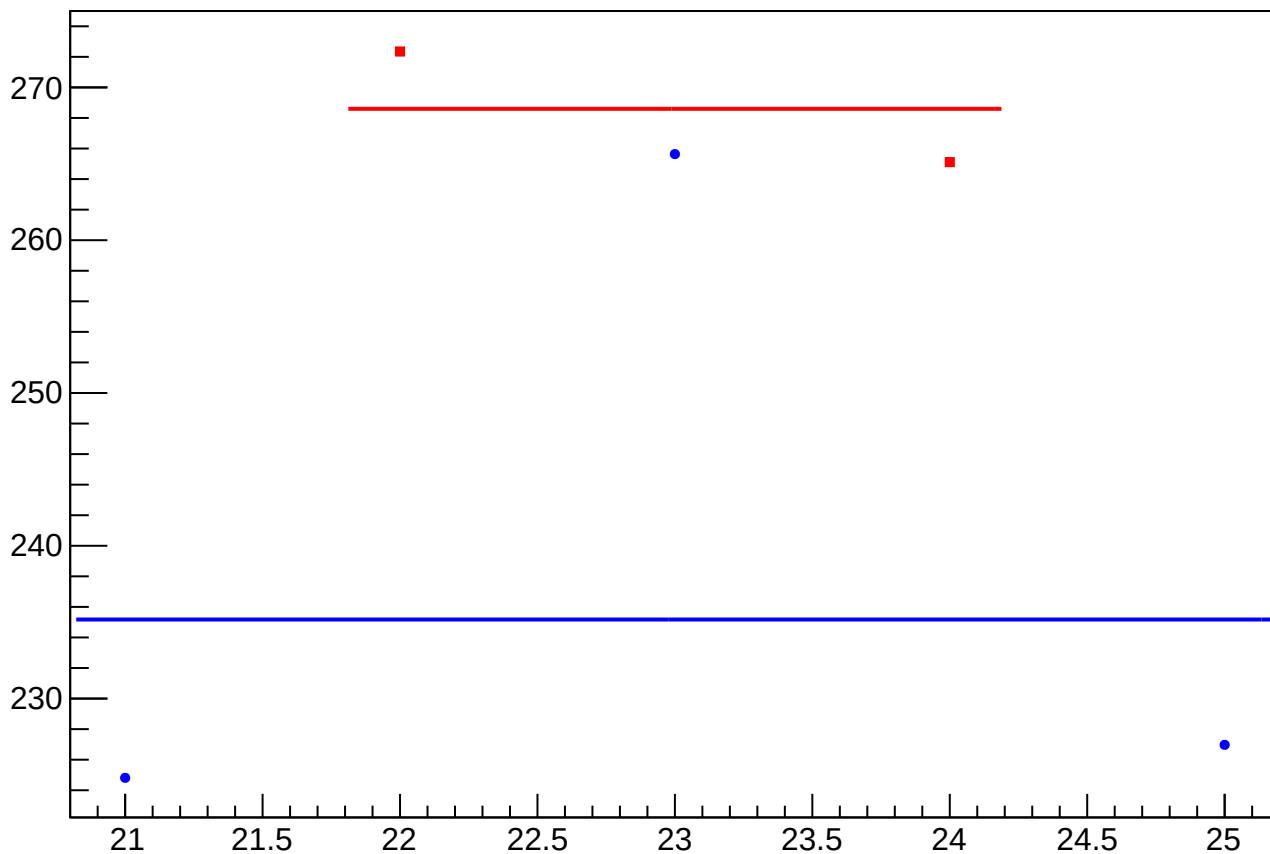
Right Out: -413.266 $\pm$ 245.083 χ^2 /NDF: 0.0/1

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

616.830 $\pm$ 202.181 χ^2 /NDF: 0.2/2

-413.266 $\pm$ 245.083 χ^2 /NDF: 0.0/1

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

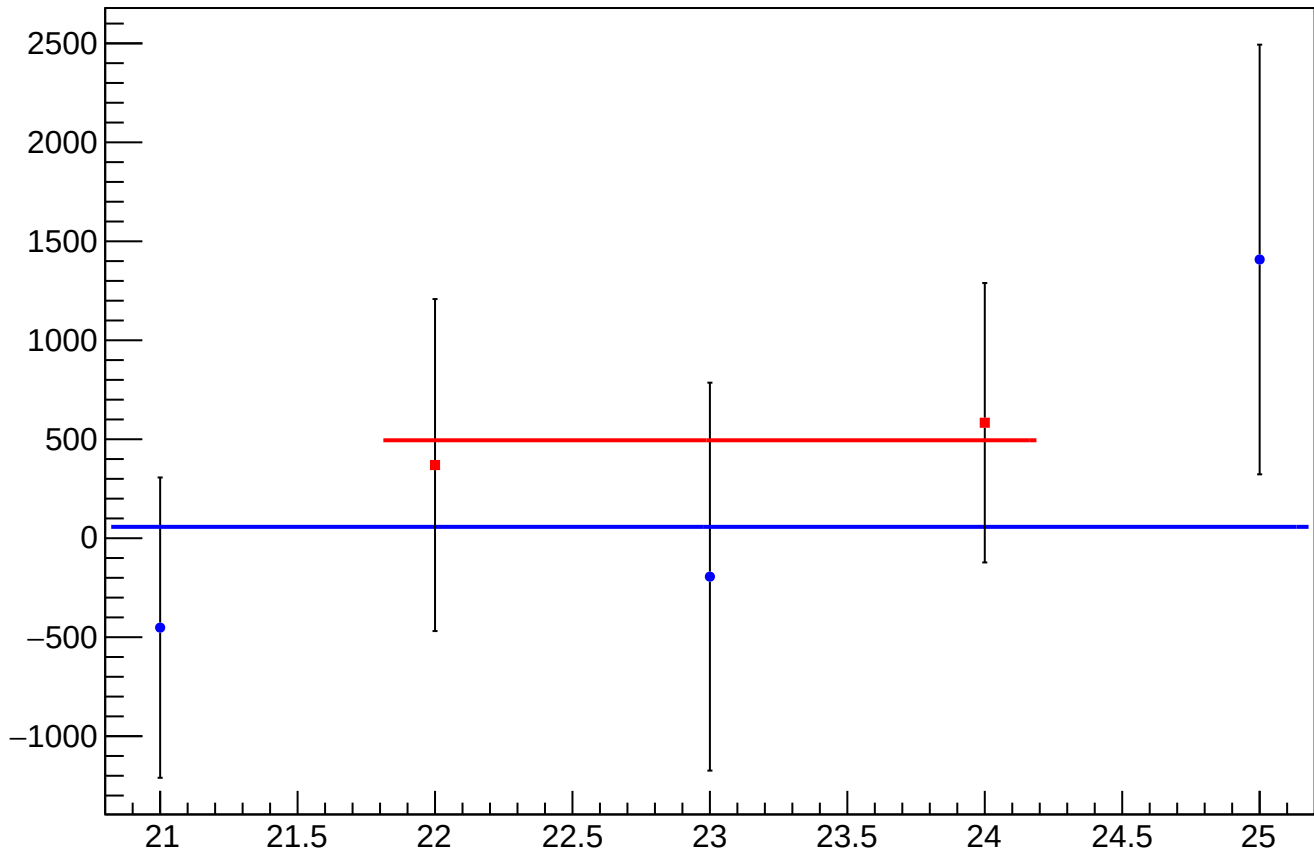
Right Out: 268.598 $\pm$ 0.173 χ^2 /NDF: 435.7/1

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

235.175 $\pm$ 0.143 χ^2 /NDF: 14599.0/2

268.598 $\pm$ 0.173 χ^2 /NDF: 435.7/1

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

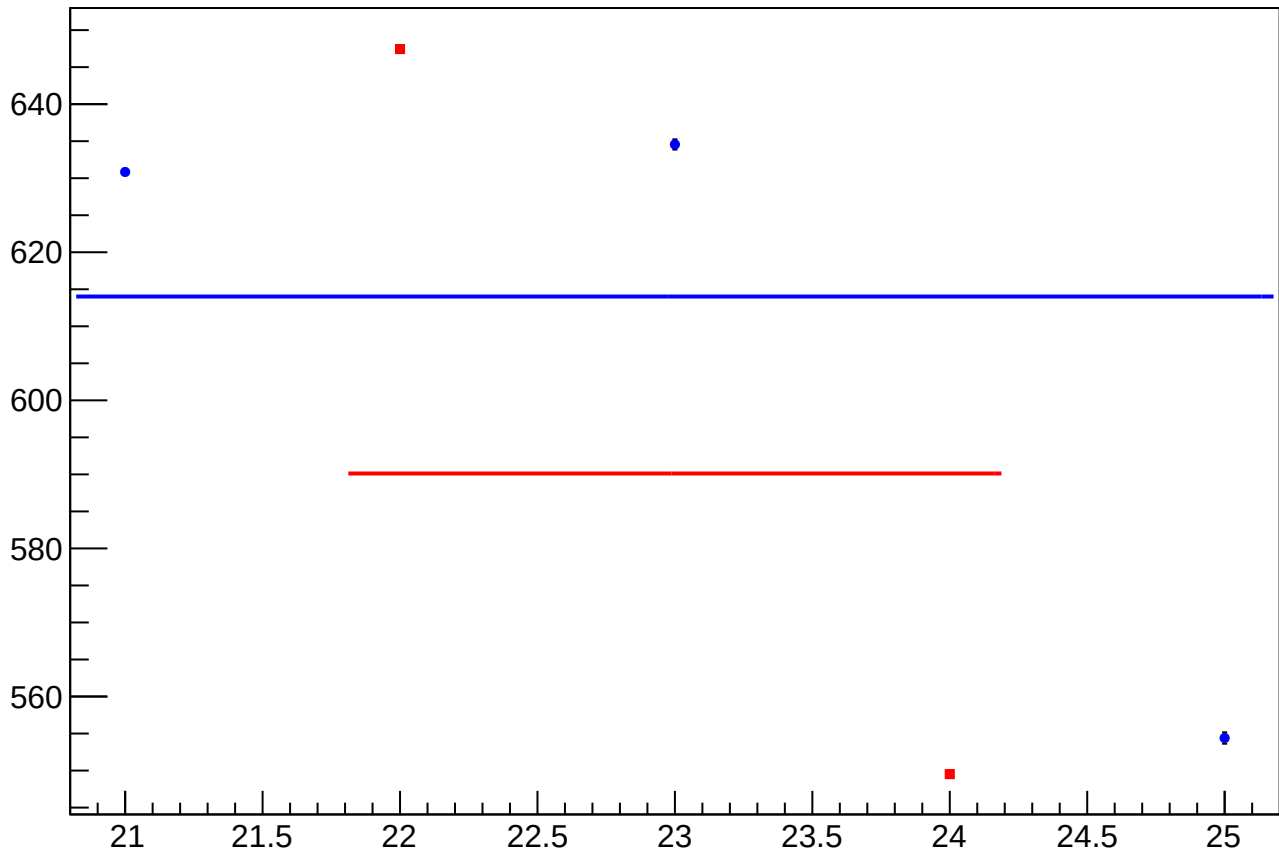
Right Out: 494.810+/-540.005 χ^2/NDF : 0.0/1

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

57.449+/-525.006 χ^2/NDF : 2.1/2

494.810+/-540.005 χ^2/NDF : 0.0/1

asym_us_agg_dd_rms vs slug



Right In: 614.022+/-0.371 χ^2/NDF : 7898.5/2

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

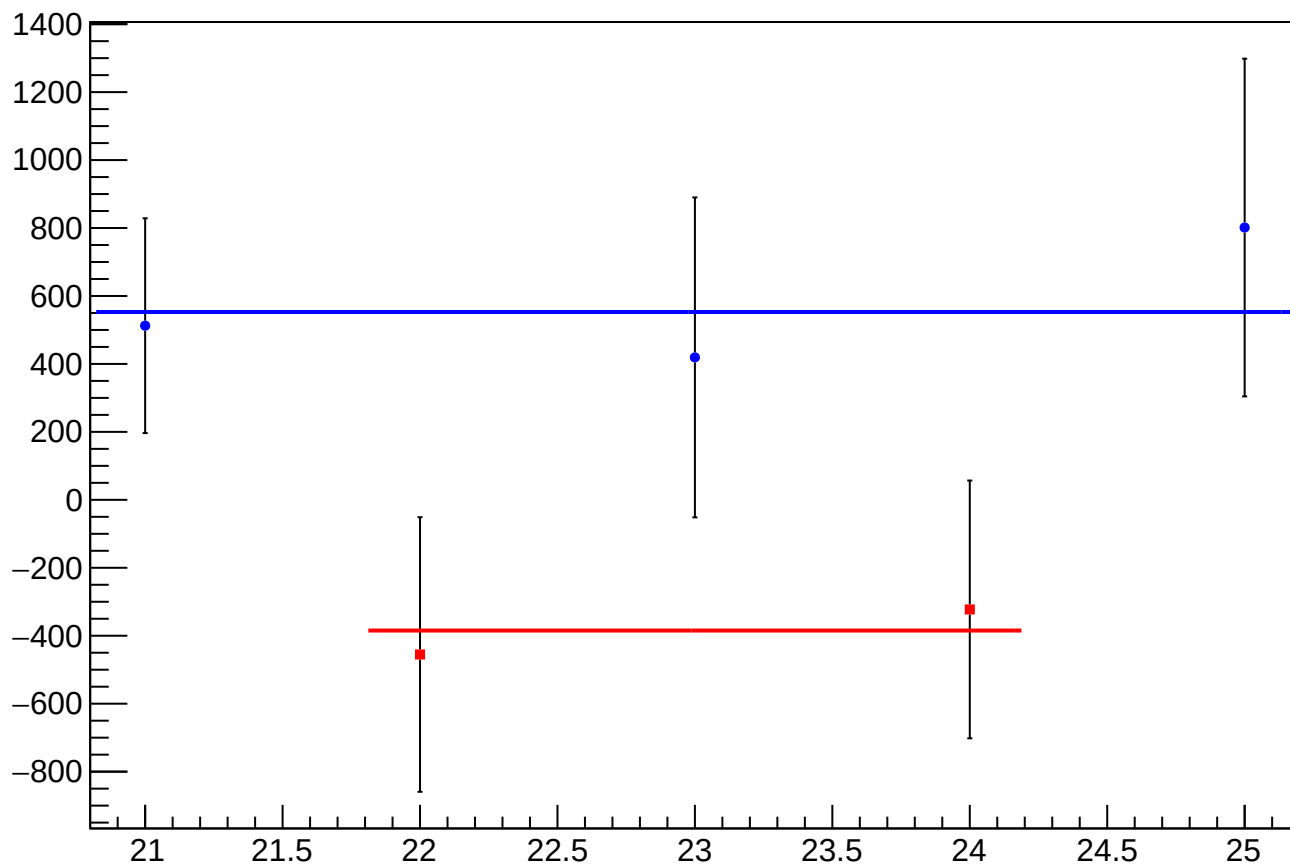
614.022+/-0.371 χ^2/NDF : 7898.5/2

Right Out: 590.121+/-0.382 χ^2/NDF : 15960.8/1

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

590.121+/-0.382 χ^2/NDF : 15960.8/1

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

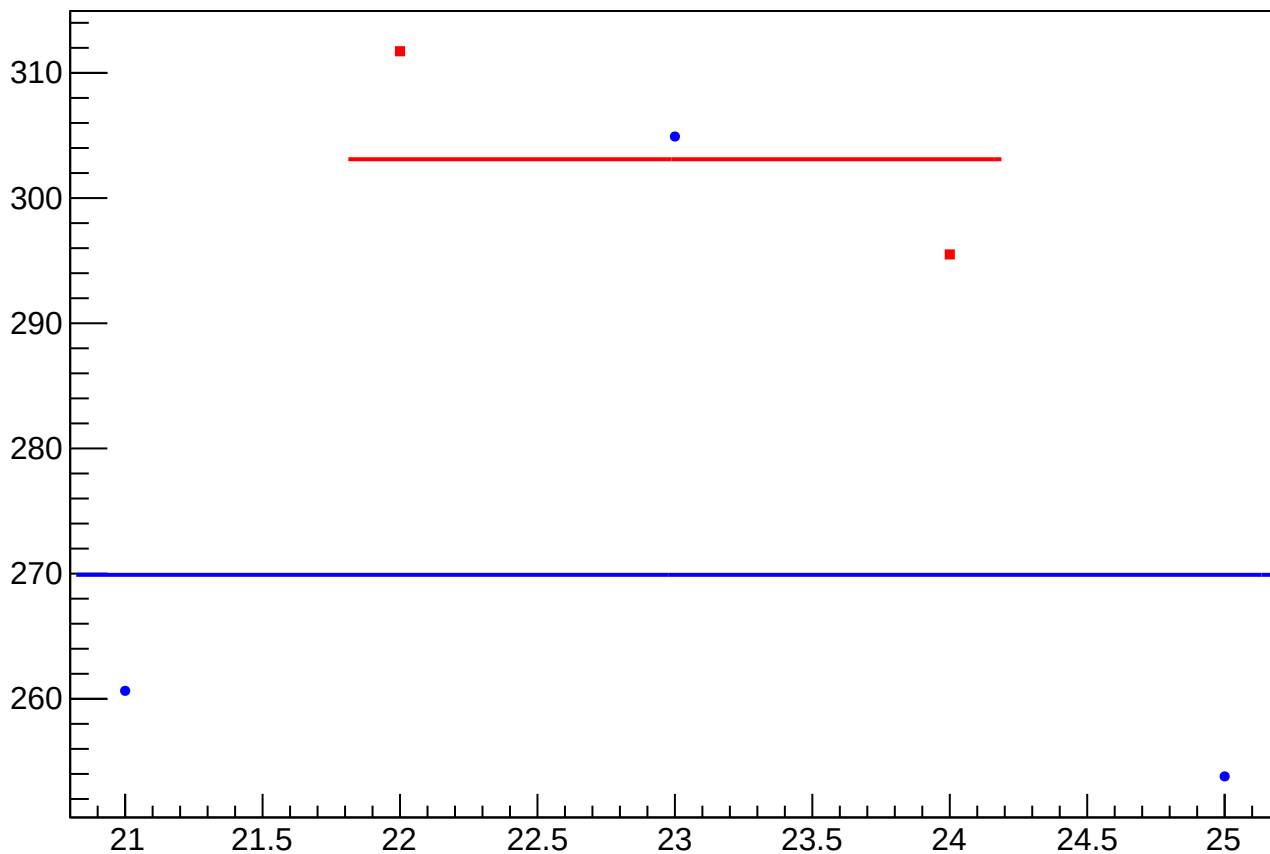
Right Out: -384.707+/-276.605 χ^2 /NDF: 0.1/1

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

552.891+/-232.087 χ^2 /NDF: 0.3/2

-384.707+/-276.605 χ^2 /NDF: 0.1/1

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

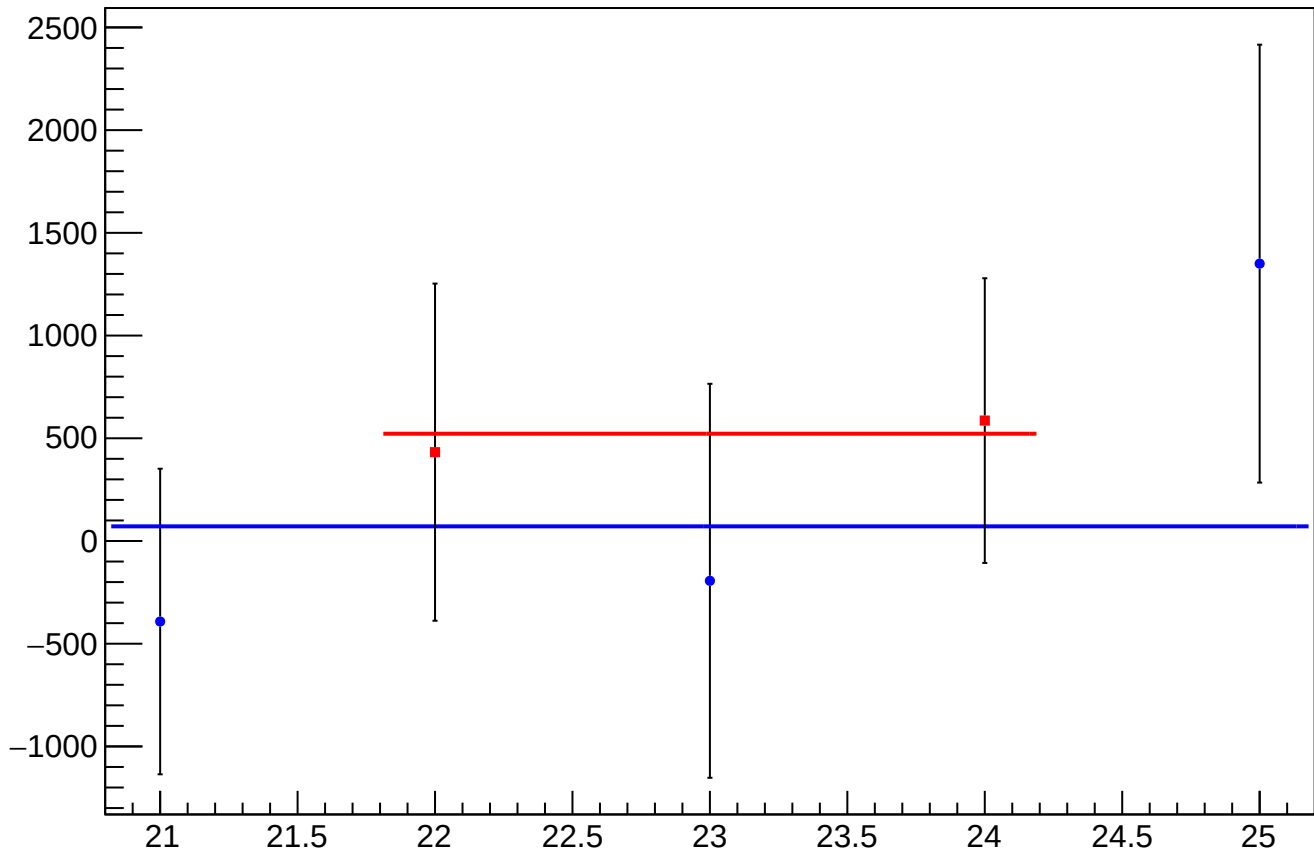
Right Out: 303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

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

269.906 $\pm$ 0.164 χ^2 /NDF: 14876.2/2

303.102 $\pm$ 0.196 χ^2 /NDF: 1714.7/1

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

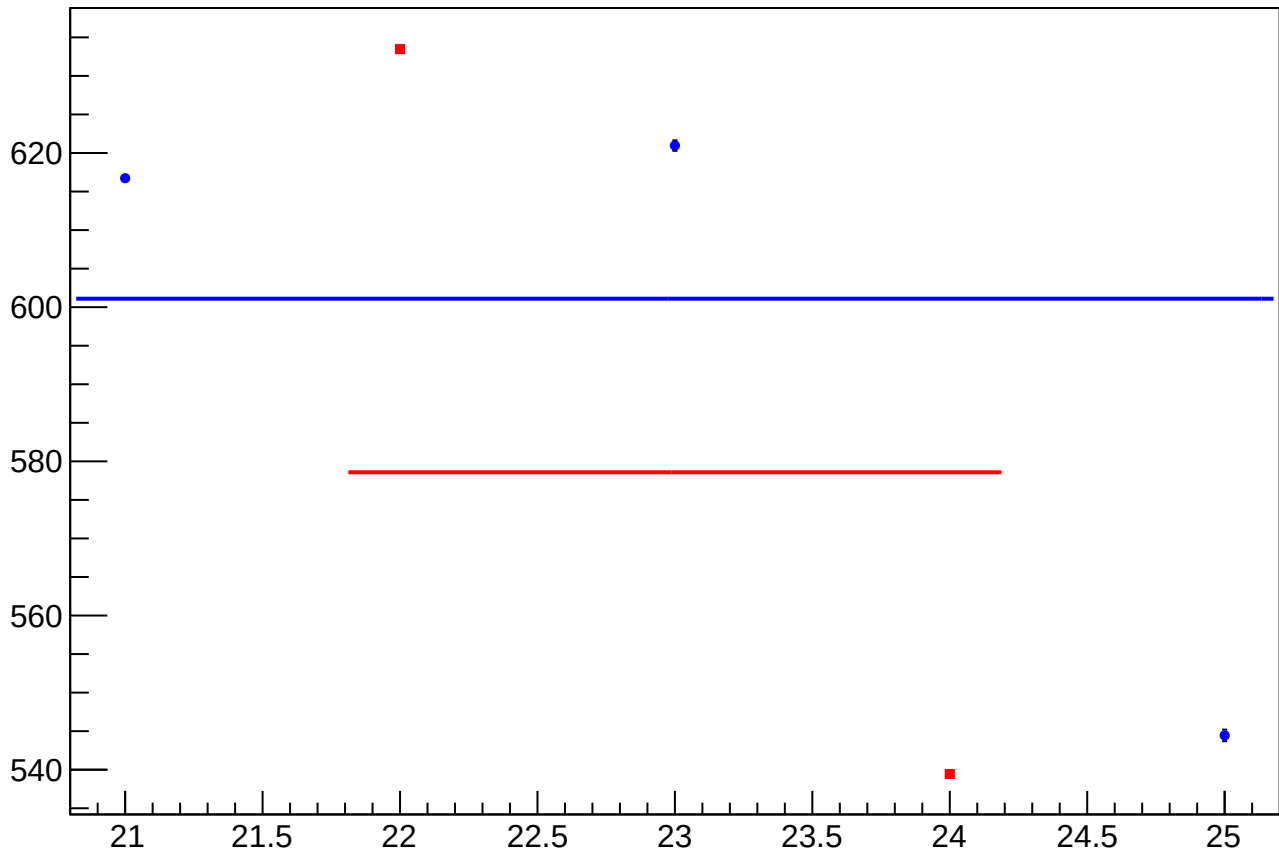
Right Out: 522.156+/-529.382 χ^2/NDF : 0.0/1

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

71.266+/-514.637 χ^2/NDF : 1.9/2

522.156+/-529.382 χ^2/NDF : 0.0/1

asym_ds_agg_dd_rms vs slug



Right In: 601.099+/-0.364 χ^2/NDF : 7391.8/2

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

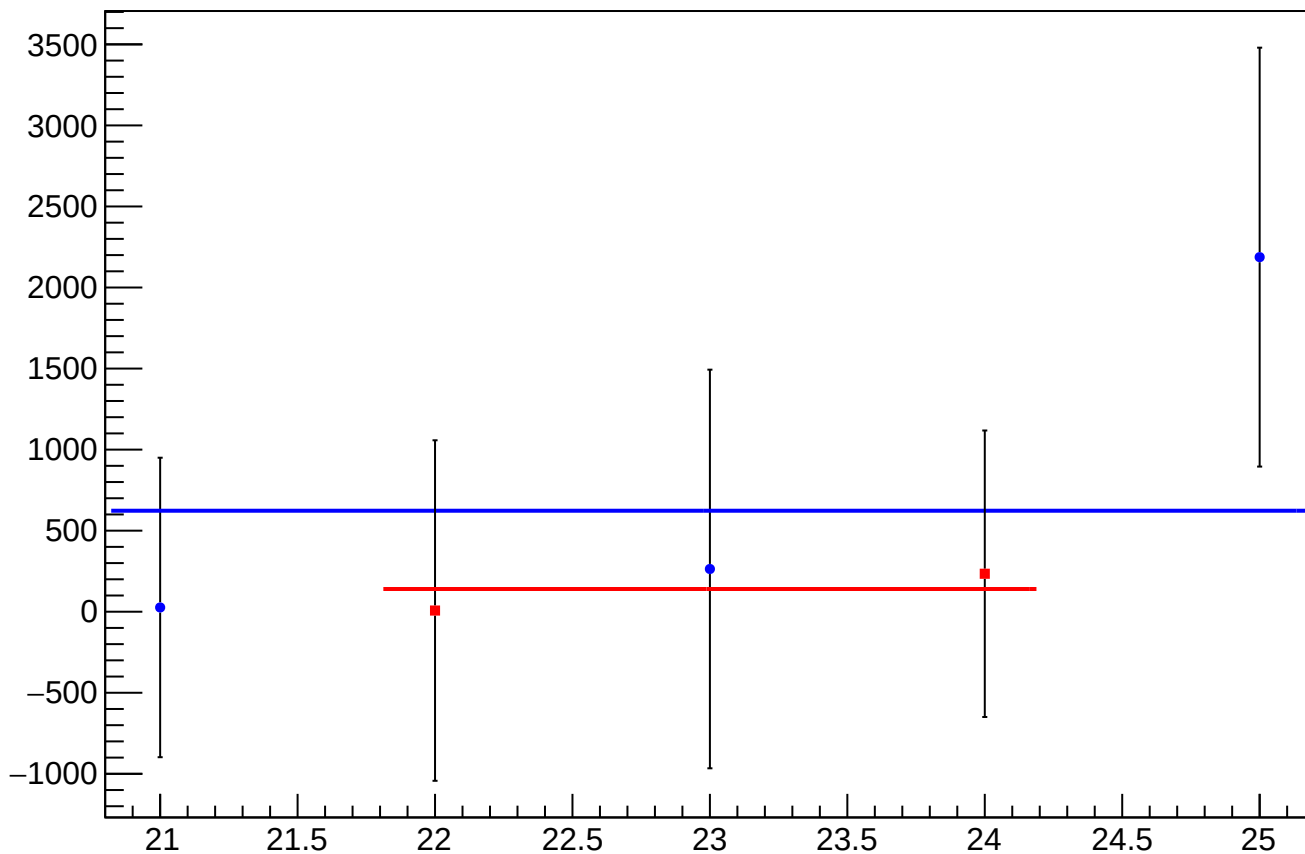
Right Out: 578.580+/-0.374 χ^2/NDF : 15332.3/1

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

601.099+/-0.364 χ^2/NDF : 7391.8/2

578.580+/-0.374 χ^2/NDF : 15332.3/1

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

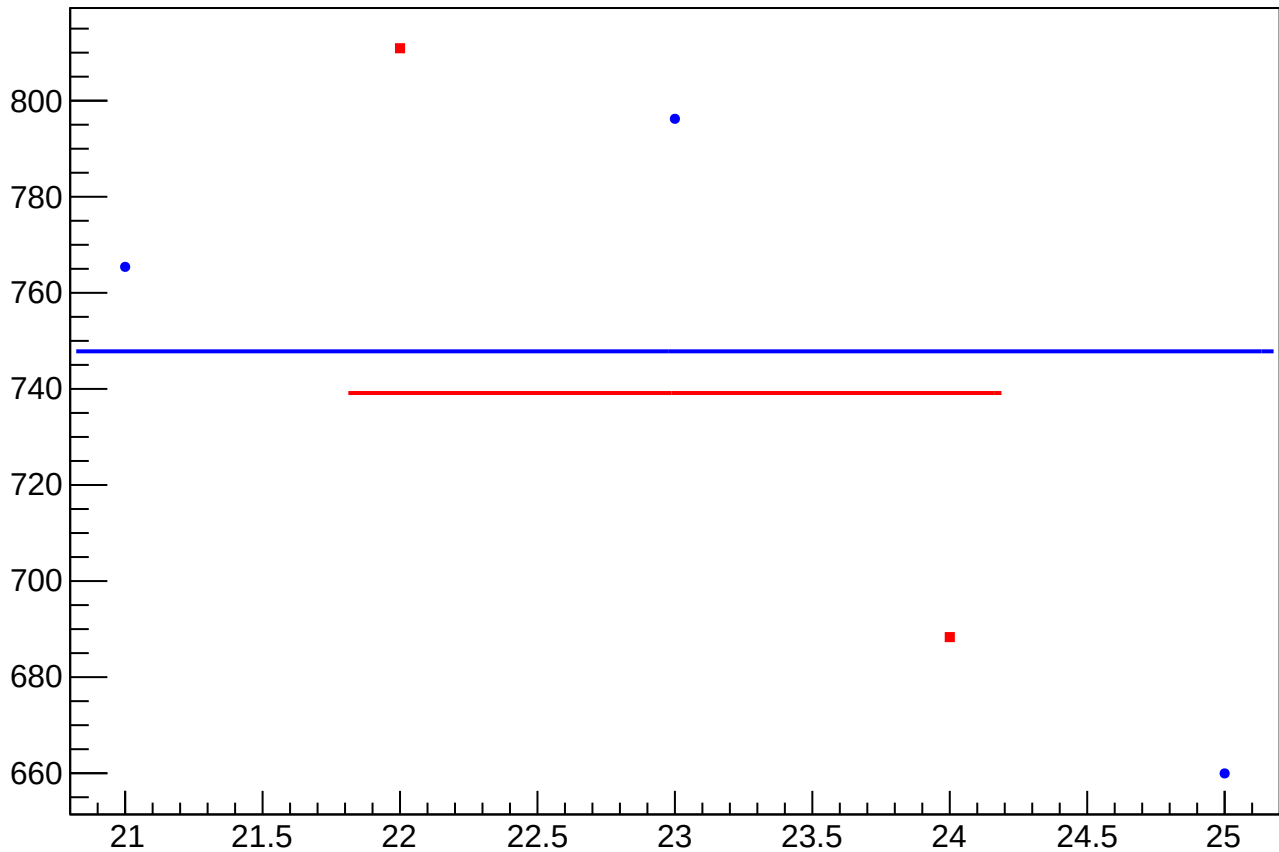
Right Out: 140.141+/-676.220 χ^2 /NDF: 0.0/1

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

622.985+/-641.214 χ^2 /NDF: 2.0/2

140.141+/-676.220 χ^2 /NDF: 0.0/1

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

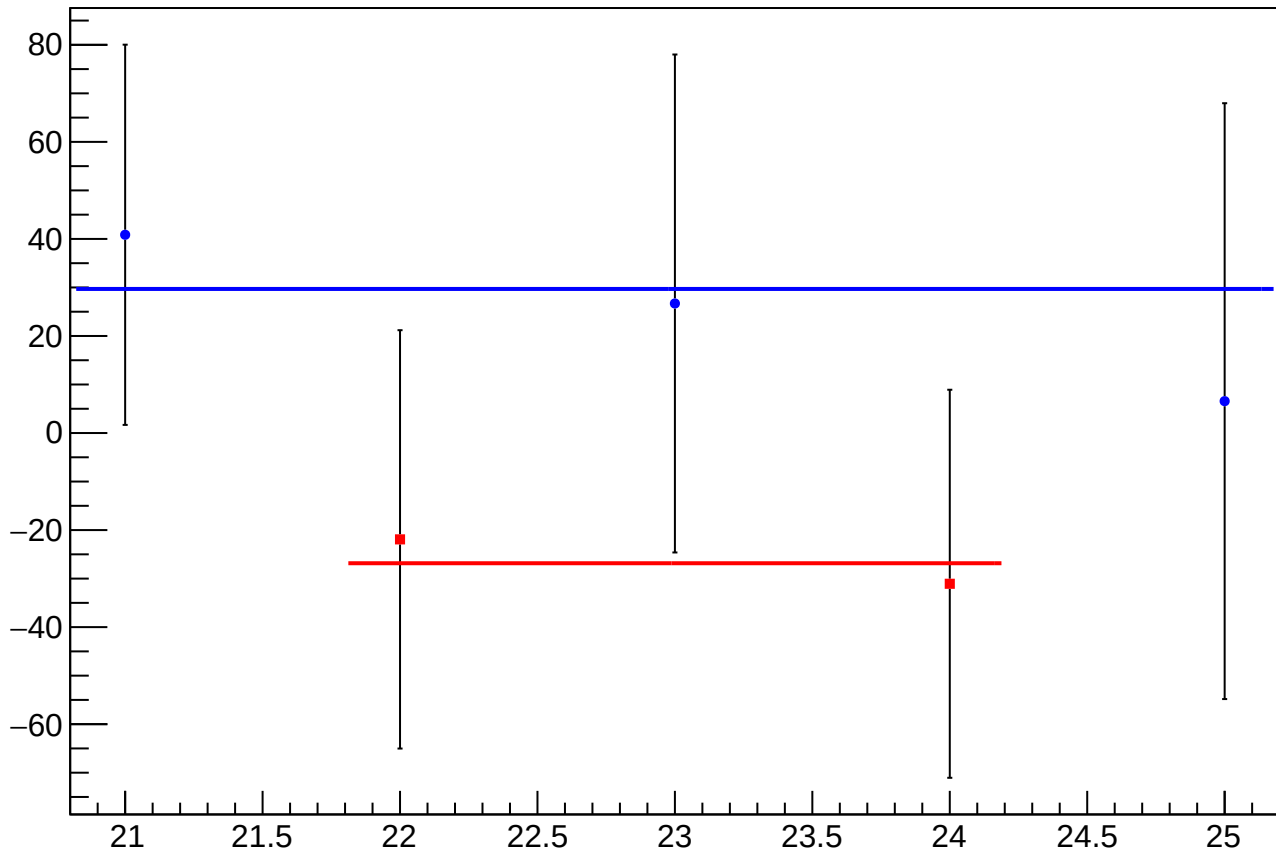
747.824 $\pm$ 0.453 χ^2 /NDF: 13072.0/2

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

739.145 $\pm$ 0.478 χ^2 /NDF: 15950.7/1

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

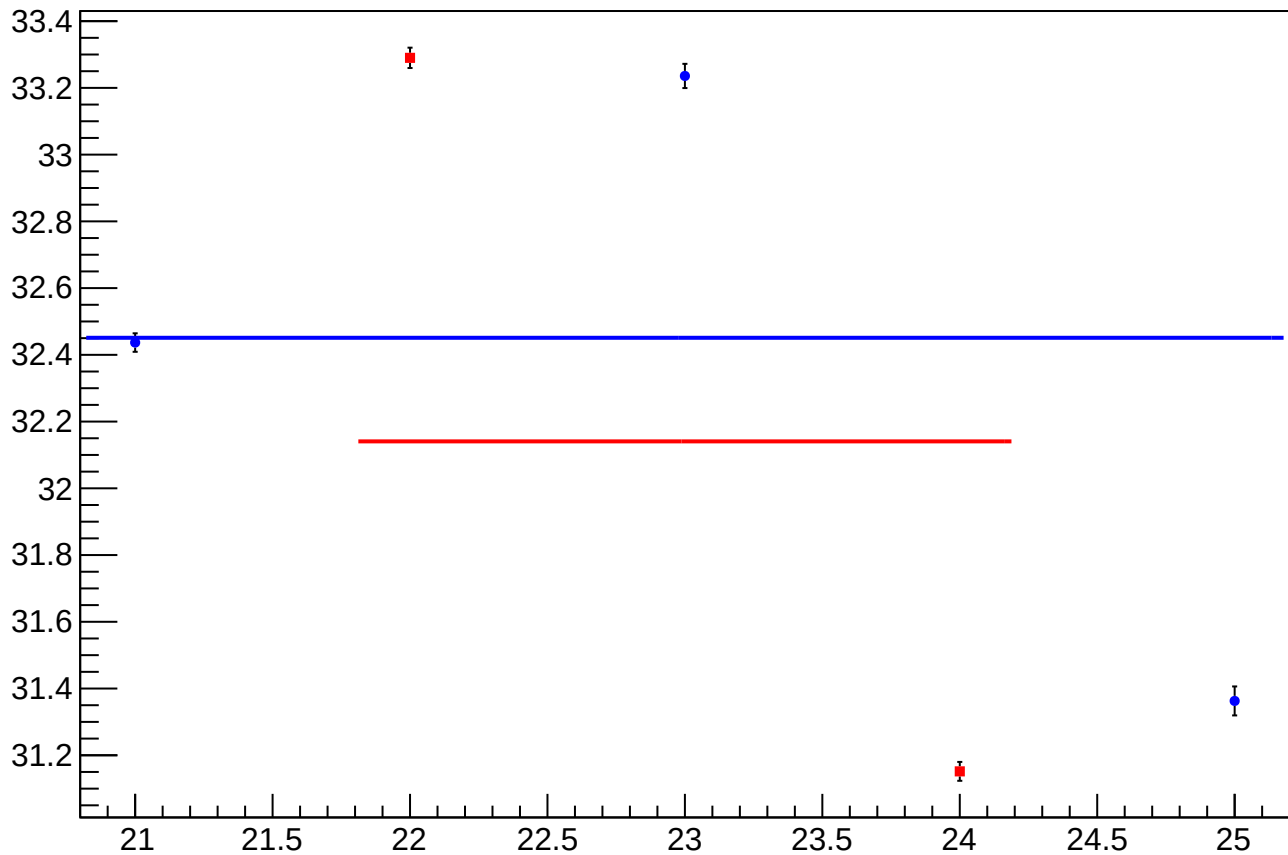
Right Out: -26.834+/-29.316 χ^2/NDF : 0.0/1

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

29.692+/-27.772 χ^2/NDF : 0.2/2

-26.834+/-29.316 χ^2/NDF : 0.0/1

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

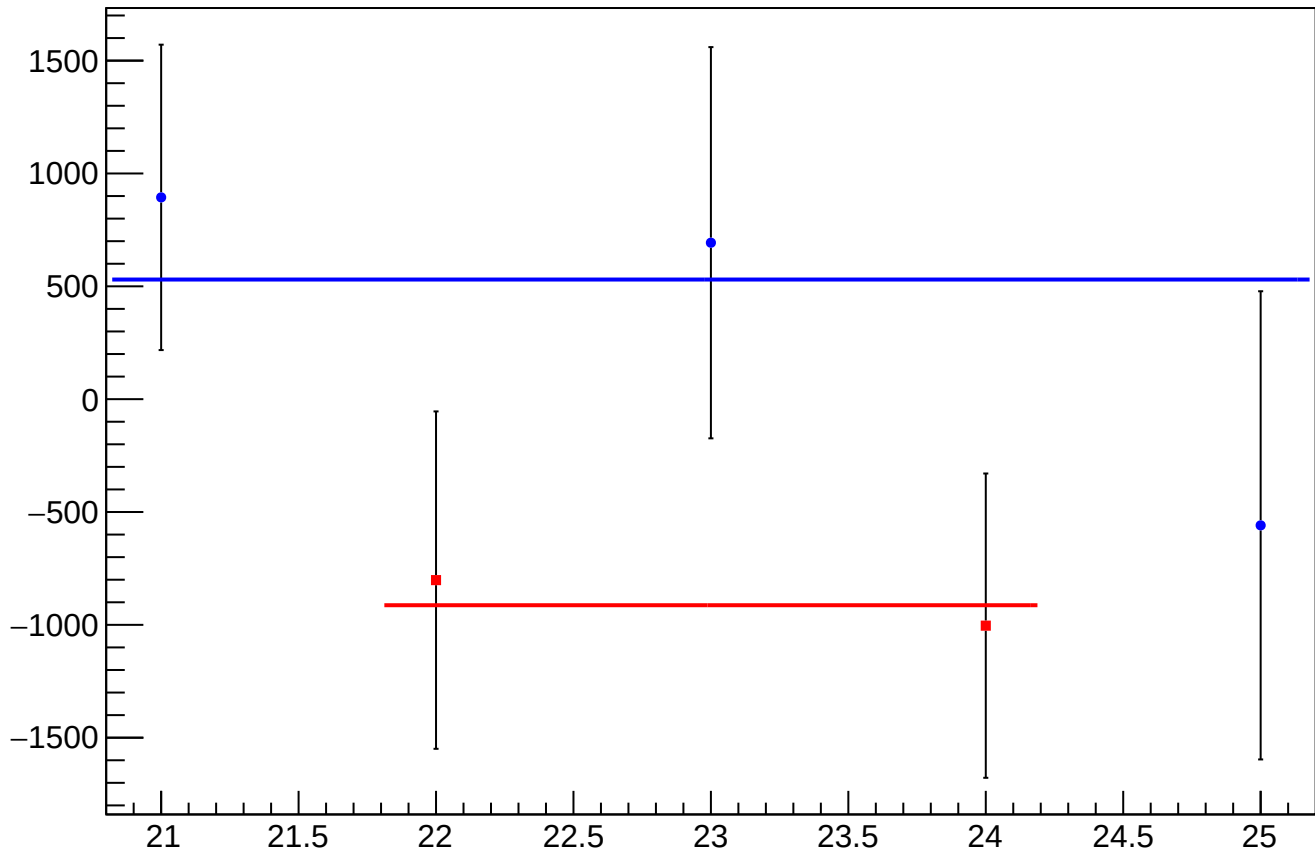
Right Out: 32.141+/-0.021 χ^2 /NDF: 2645.1/1

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

32.451+/-0.020 χ^2 /NDF: 1096.4/2

32.141+/-0.021 χ^2 /NDF: 2645.1/1

asym_right_agg_avg_mean vs slug



Right In: 530.060+/-474.314 χ^2/NDF : 1.4/2

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

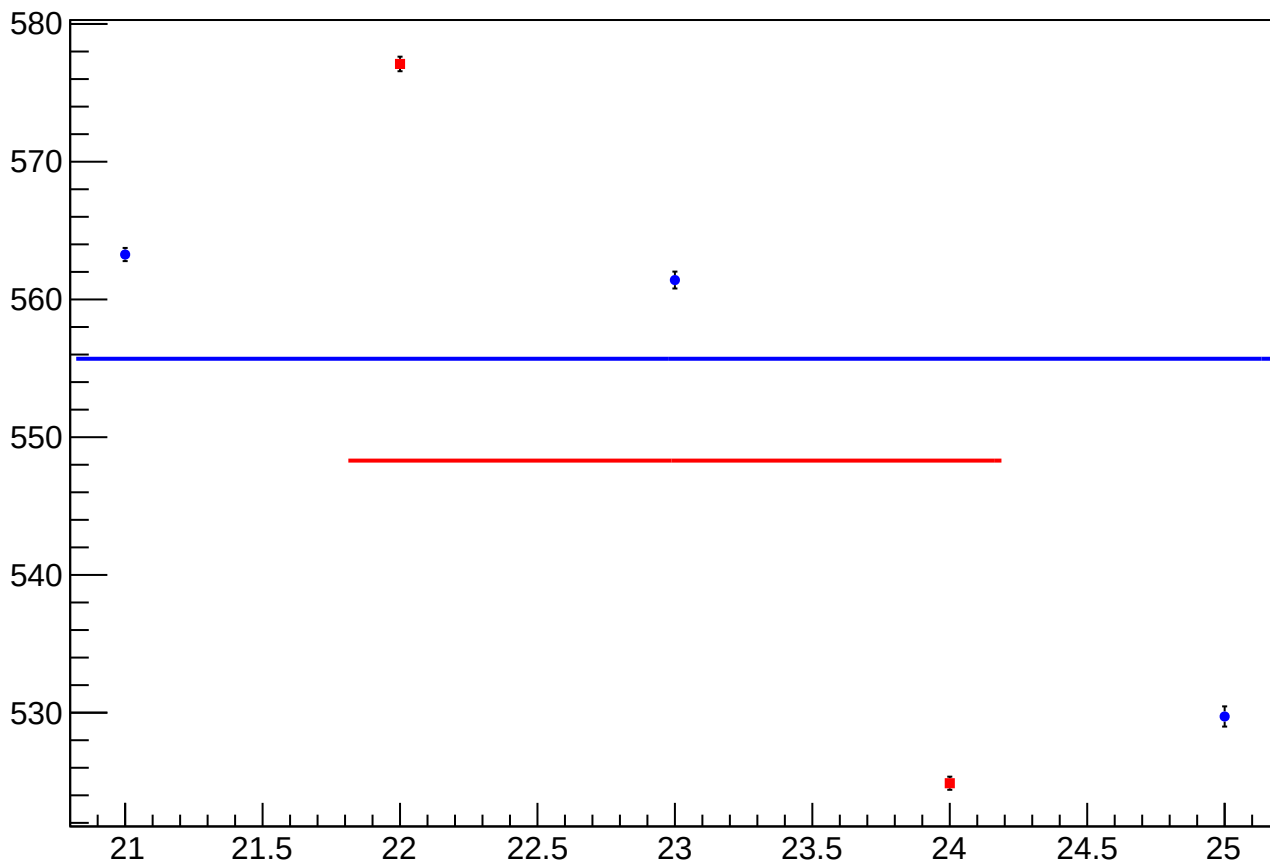
530.060+/-474.314 χ^2/NDF : 1.4/2

Right Out: -913.038+/-500.628 χ^2/NDF : 0.0/1

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

-913.038+/-500.628 χ^2/NDF : 0.0/1

asym_right_agg_avg_rms vs slug



Right In: 555.694+/-0.335 χ^2/NDF : 1590.9/2

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

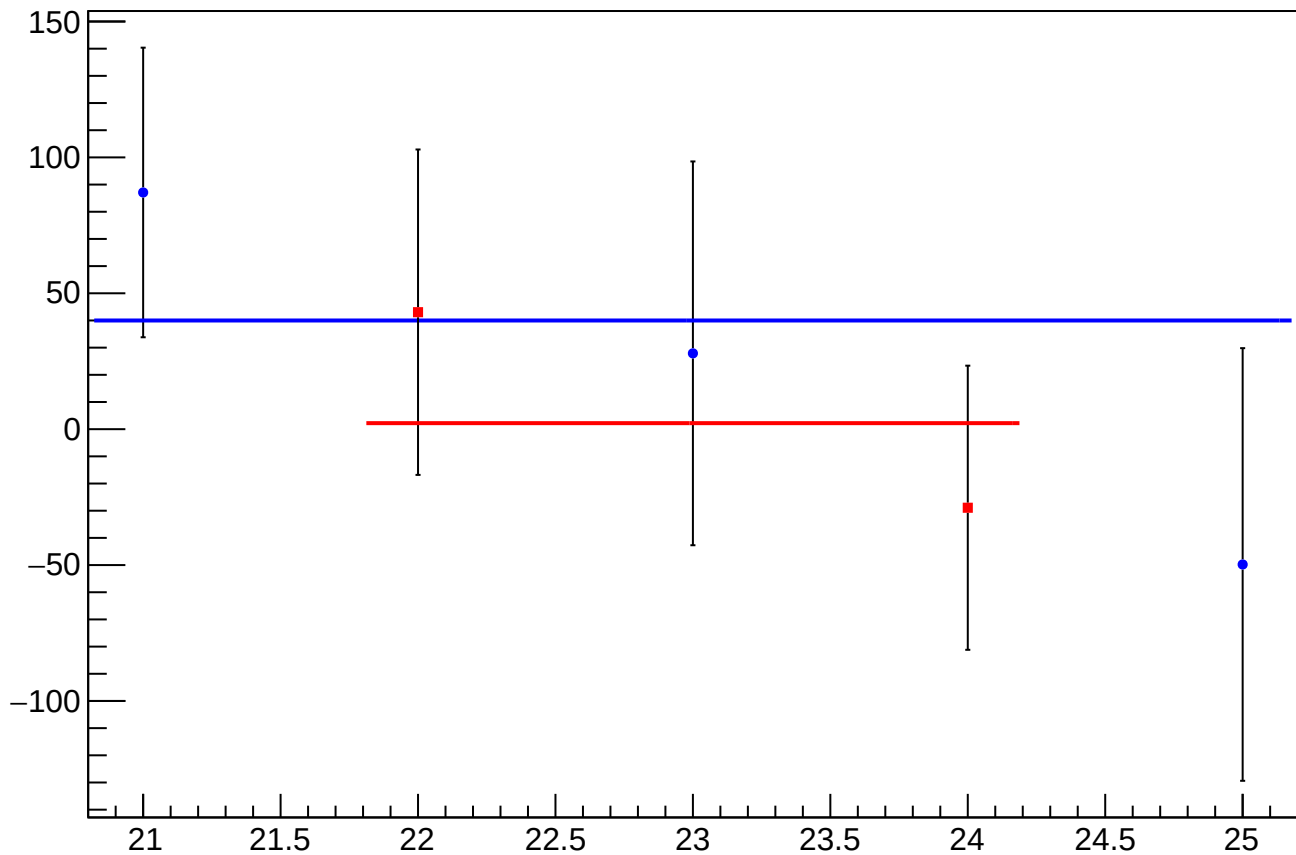
Right Out: 548.301+/-0.354 χ^2/NDF : 5382.5/1

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

555.694+/-0.335 χ^2/NDF : 1590.9/2

548.301+/-0.354 χ^2/NDF : 5382.5/1

asym_right_agg_dd_mean vs slug



Right In: 39.990+/-37.510 χ^2/NDF : 2.1/2

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

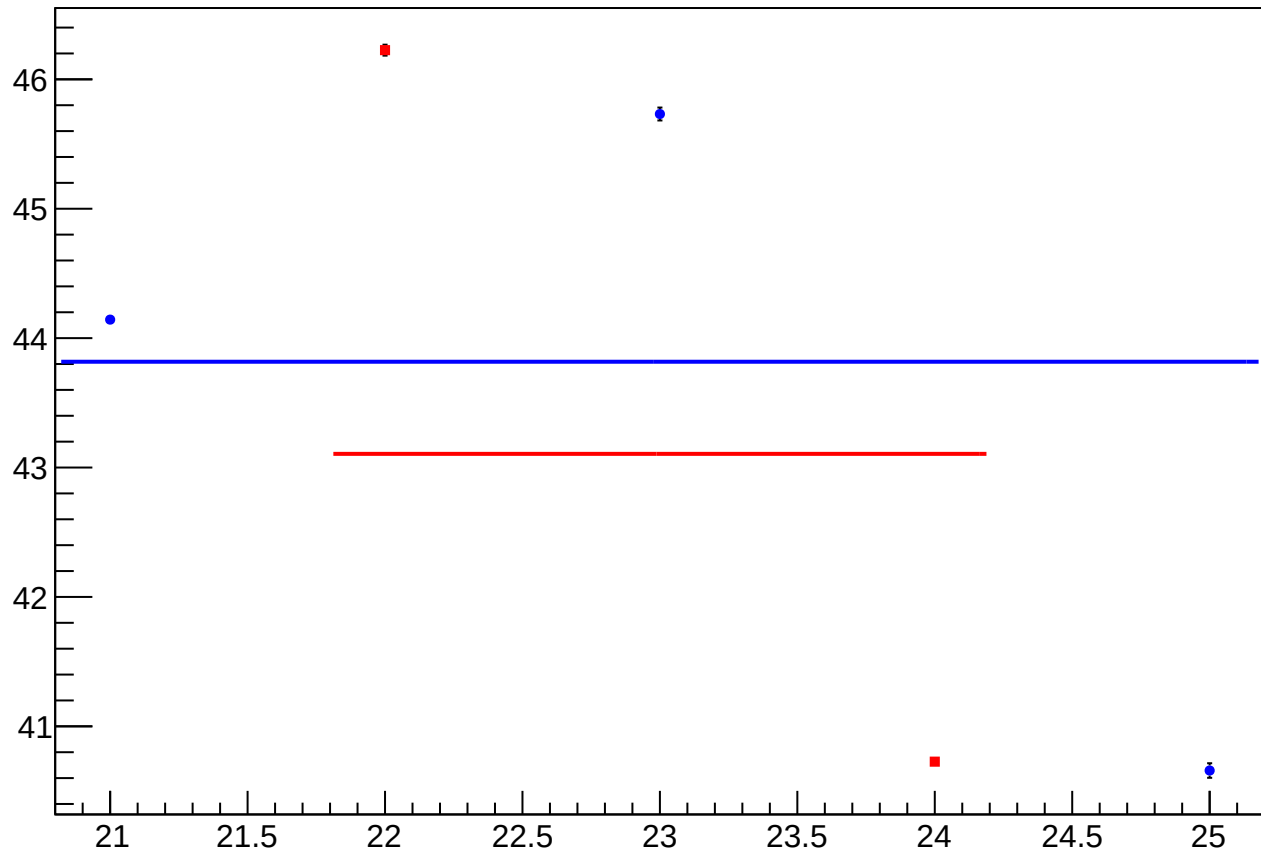
Right Out: 2.218+/-39.375 χ^2/NDF : 0.8/1

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

39.990+/-37.510 χ^2/NDF : 2.1/2

2.218+/-39.375 χ^2/NDF : 0.8/1

asym_right_agg_dd_rms vs slug



Right In: 43.818+/-0.027 χ^2/NDF : 4695.6/2

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

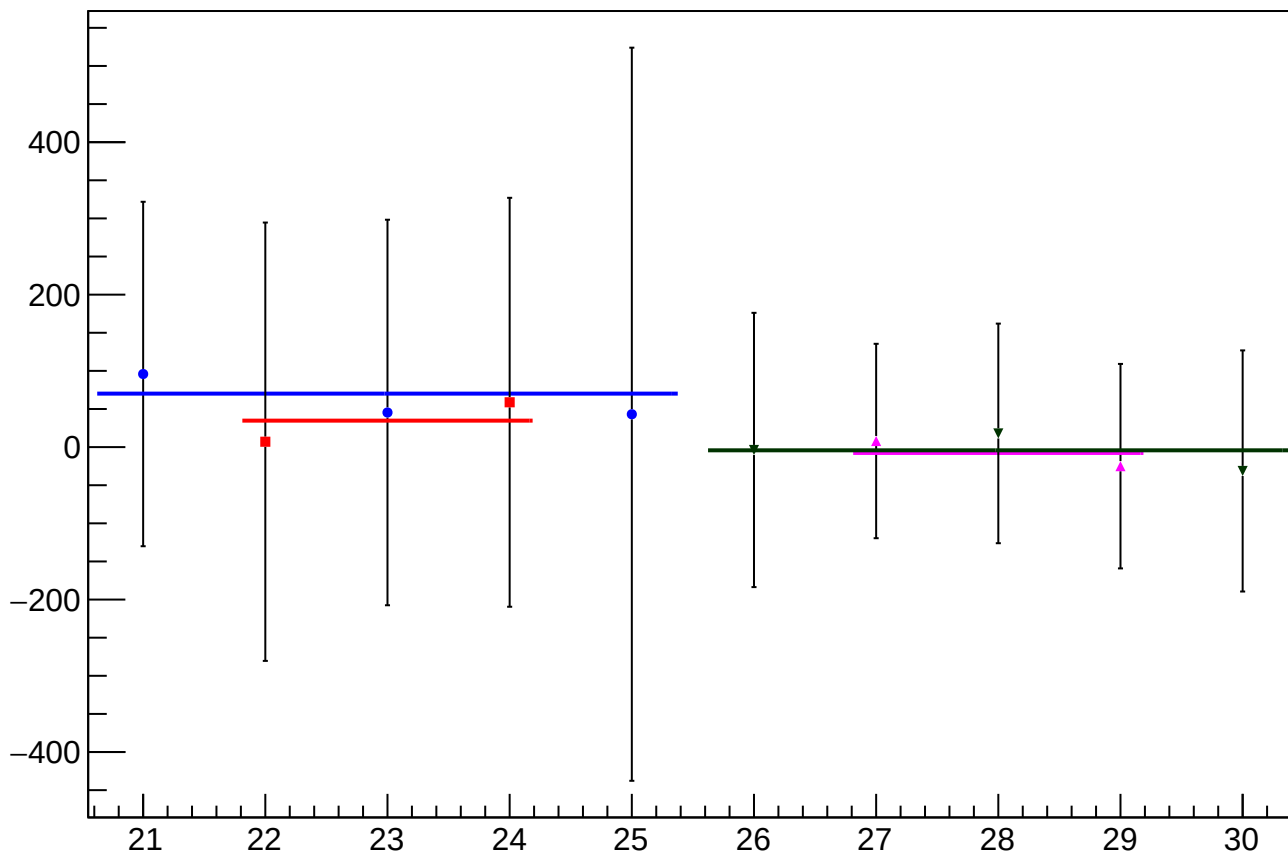
Right Out: 43.106+/-0.028 χ^2/NDF : 9573.0/1

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

43.818+/-0.027 χ^2/NDF : 4695.6/2

43.106+/-0.028 χ^2/NDF : 9573.0/1

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 70.166+/-159.000 χ^2/NDF : 0.0/2

Left Out: -4.208+/-91.638 χ^2/NDF : 0.1/2

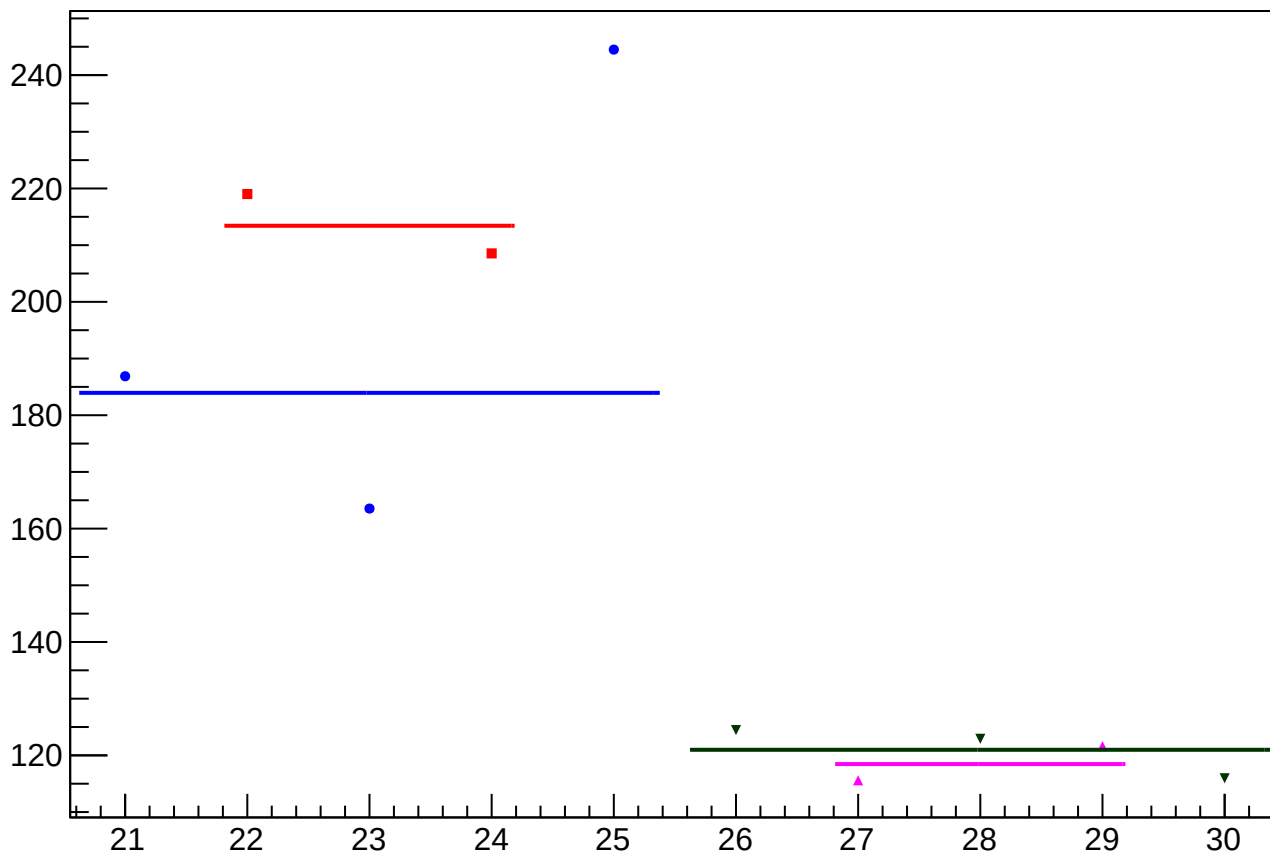
Right Out: 34.728+/-196.129 χ^2/NDF : 0.0/1

Left In: -7.662+/-92.412 χ^2/NDF : 0.0/1

14.337+/-79.395 χ^2/NDF : 0.2/5

0.039+/-83.597 χ^2/NDF : 0.1/3

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 183.948 $\pm$ 0.112 χ^2 /NDF: 45080.5/2

Left Out: 120.983 $\pm$ 0.065 χ^2 /NDF: 3127.5/2

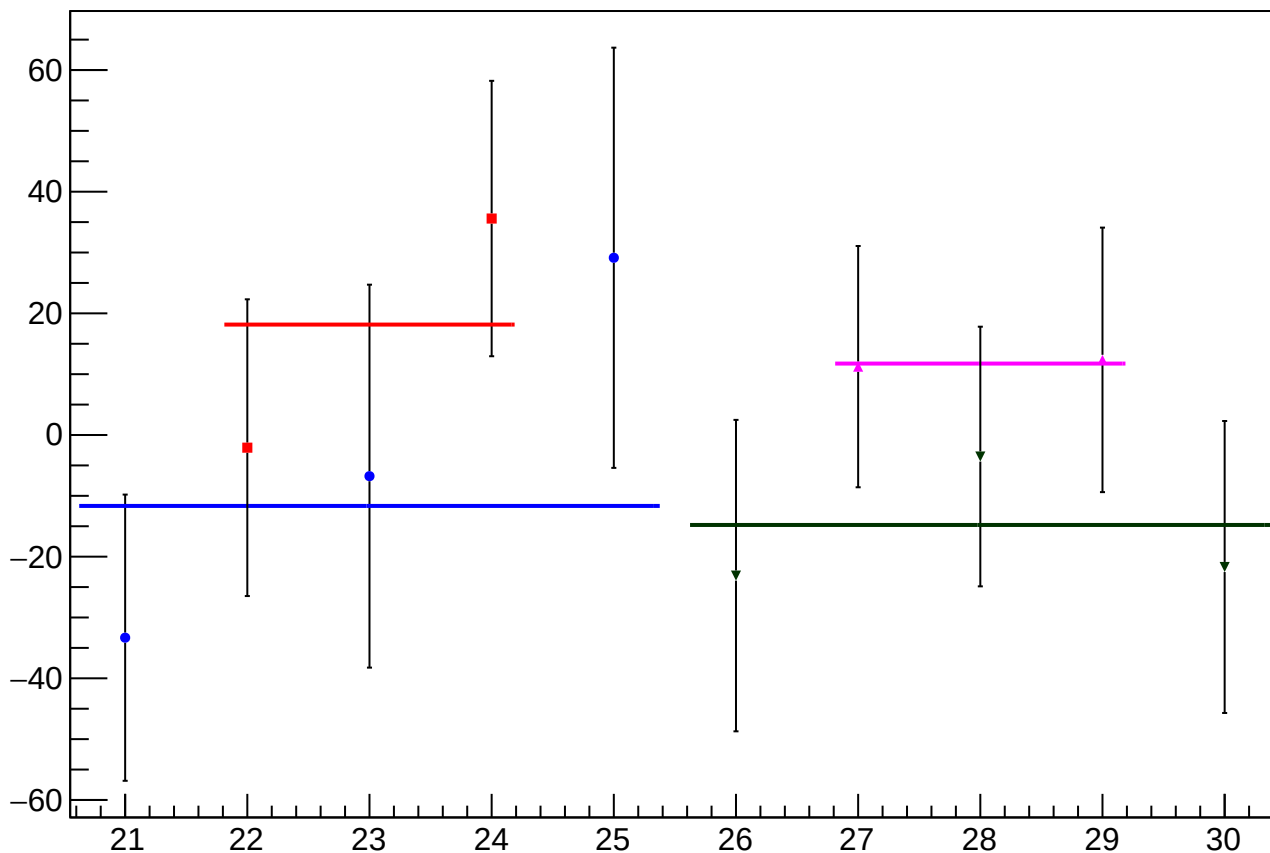
Right Out: 213.422 $\pm$ 0.139 χ^2 /NDF: 1418.3/1

Left In: 118.465 $\pm$ 0.065 χ^2 /NDF: 2123.0/1

136.683 $\pm$ 0.056 χ^2 /NDF: 283647.2/5

135.716 $\pm$ 0.059 χ^2 /NDF: 387178.7/3

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -11.660 $\pm$ 16.543 χ^2 /NDF: 2.3/2

Left Out: -14.789 $\pm$ 13.537 χ^2 /NDF: 0.5/2

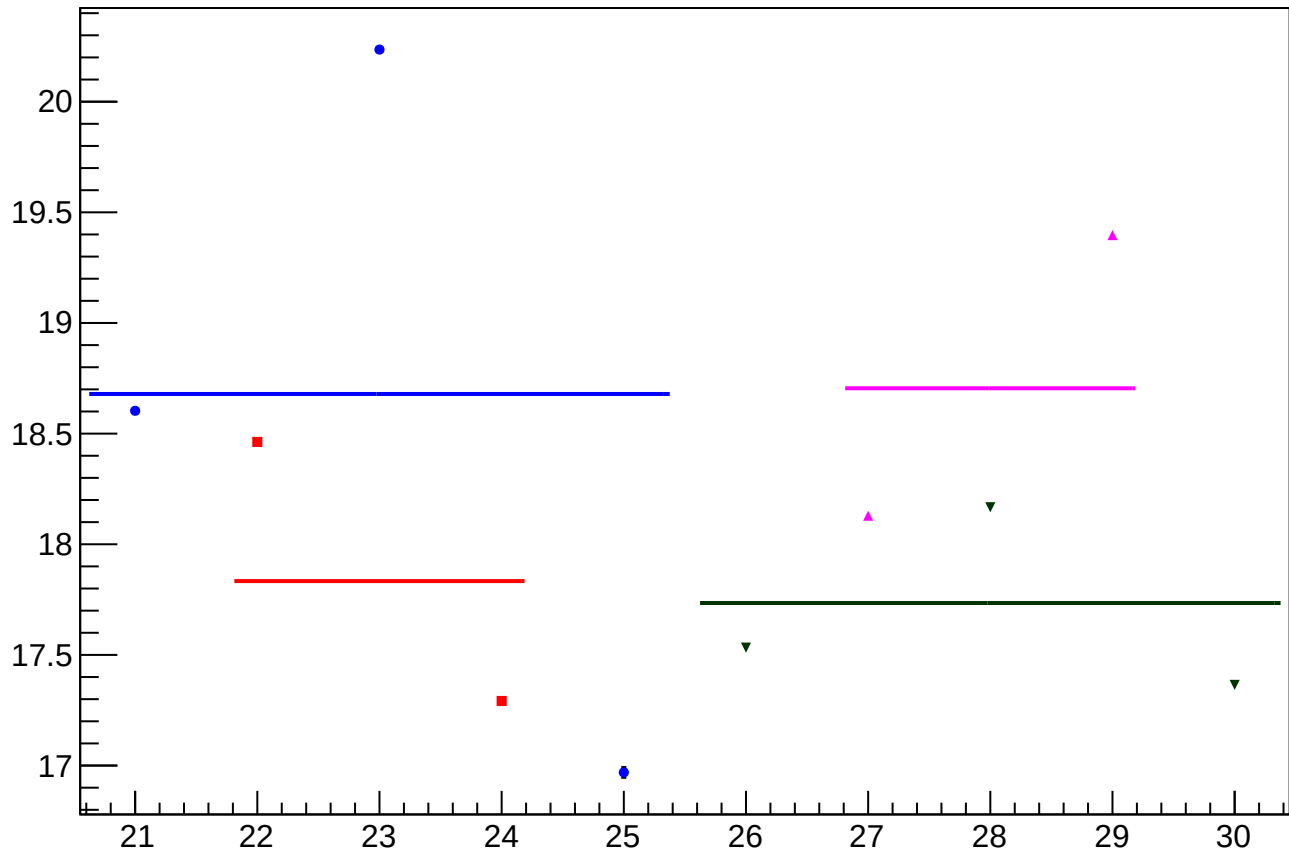
Right Out: 18.154 $\pm$ 16.593 χ^2 /NDF: 1.3/1

Left In: 11.744 $\pm$ 14.653 χ^2 /NDF: 0.0/1

-13.534 $\pm$ 10.477 χ^2 /NDF: 2.8/5

14.553 $\pm$ 10.984 χ^2 /NDF: 1.4/3

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 18.679 ± 0.012 χ^2/NDF : 9811.2/2

Left Out: 17.735 ± 0.010 χ^2/NDF : 1421.5/2

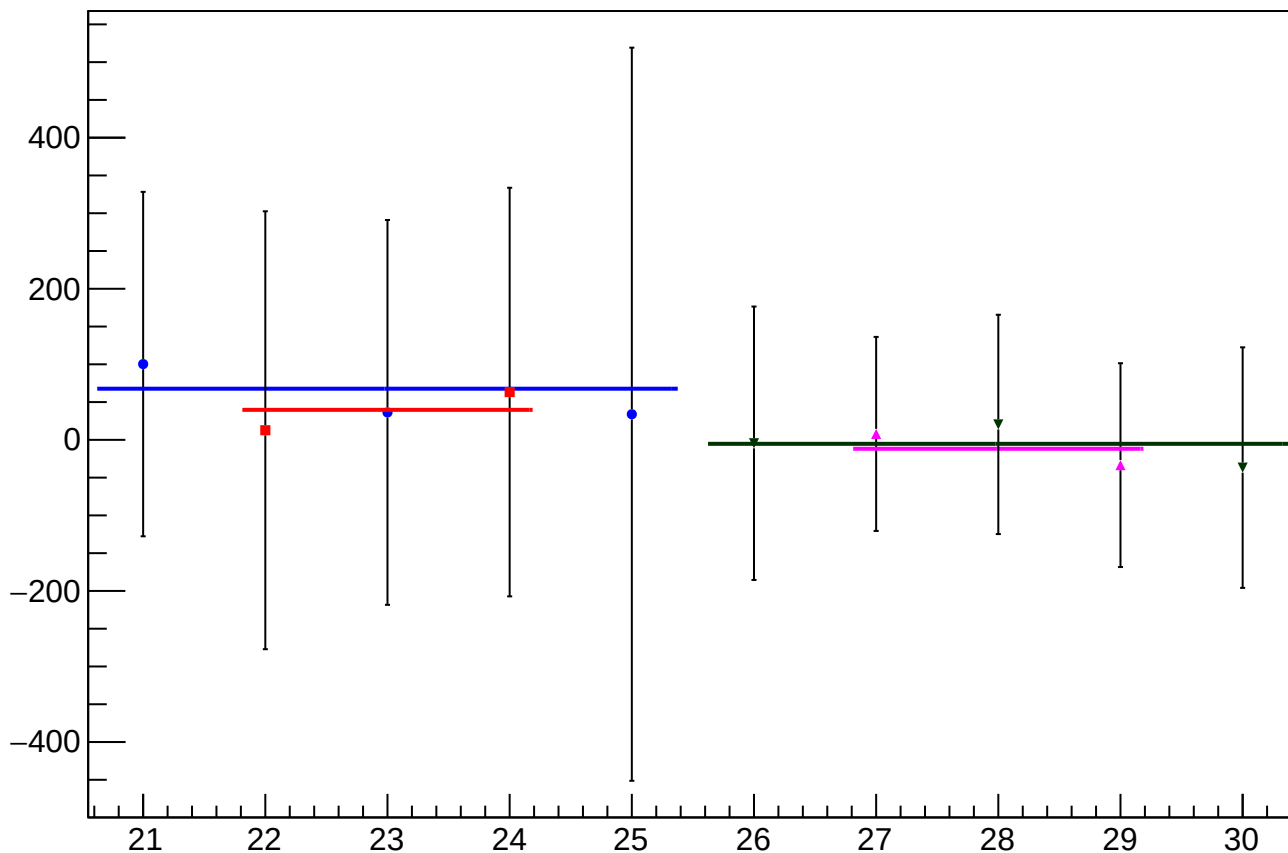
Right Out: 17.834 ± 0.012 χ^2/NDF : 2475.1/1

Left In: 18.705 ± 0.010 χ^2/NDF : 3712.4/1

18.113 ± 0.007 χ^2/NDF : 15138.5/5

18.323 ± 0.008 χ^2/NDF : 9285.9/3

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: 67.709+/-160.338 χ^2/NDF : 0.0/2

Left Out: -5.252+/-92.284 χ^2/NDF : 0.1/2

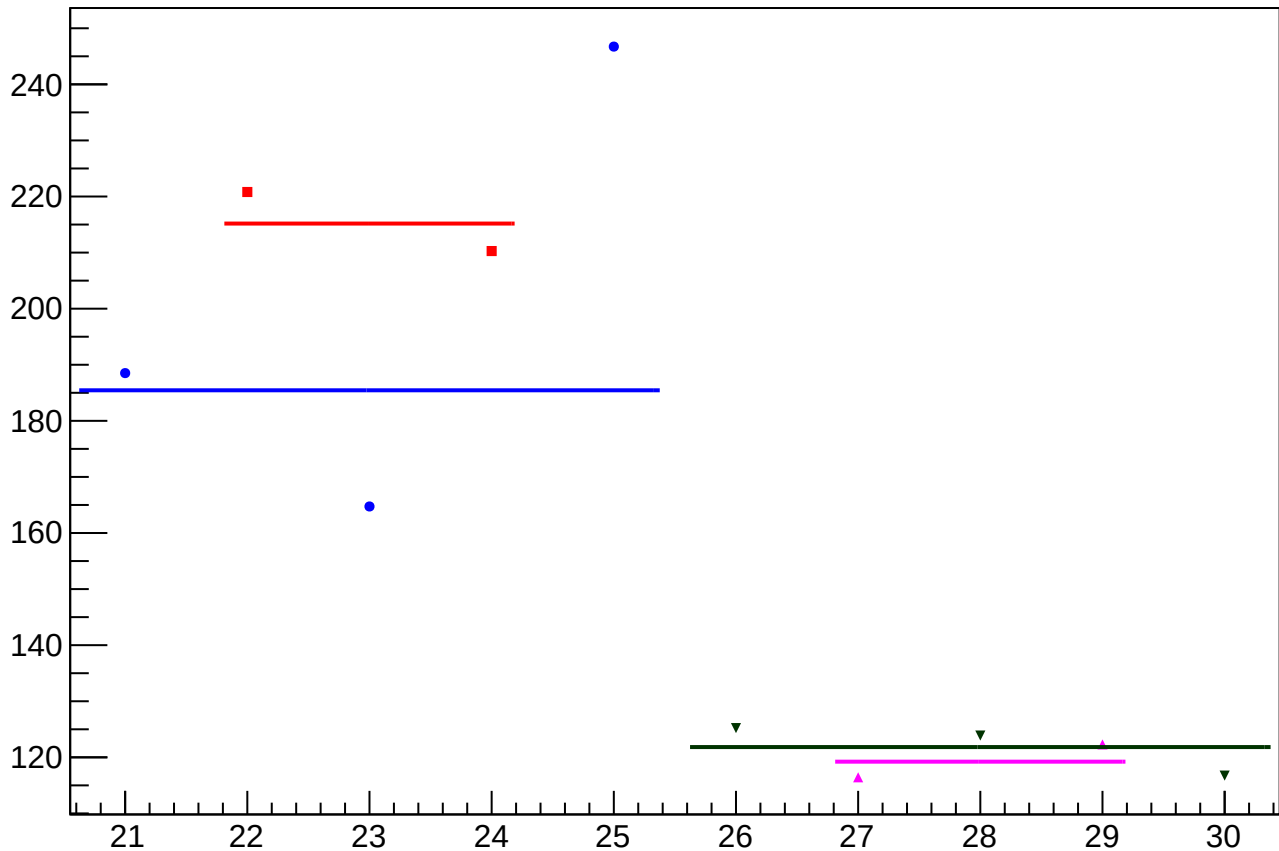
Right Out: 39.739+/-197.744 χ^2/NDF : 0.0/1

Left In: -11.798+/-93.018 χ^2/NDF : 0.0/1

12.903+/-79.982 χ^2/NDF : 0.3/5

-2.460+/-84.171 χ^2/NDF : 0.1/3

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 185.447 $\pm$ 0.113 χ^2/NDF : 45490.8/2

Left Out: 121.832 $\pm$ 0.065 χ^2/NDF : 3142.0/2

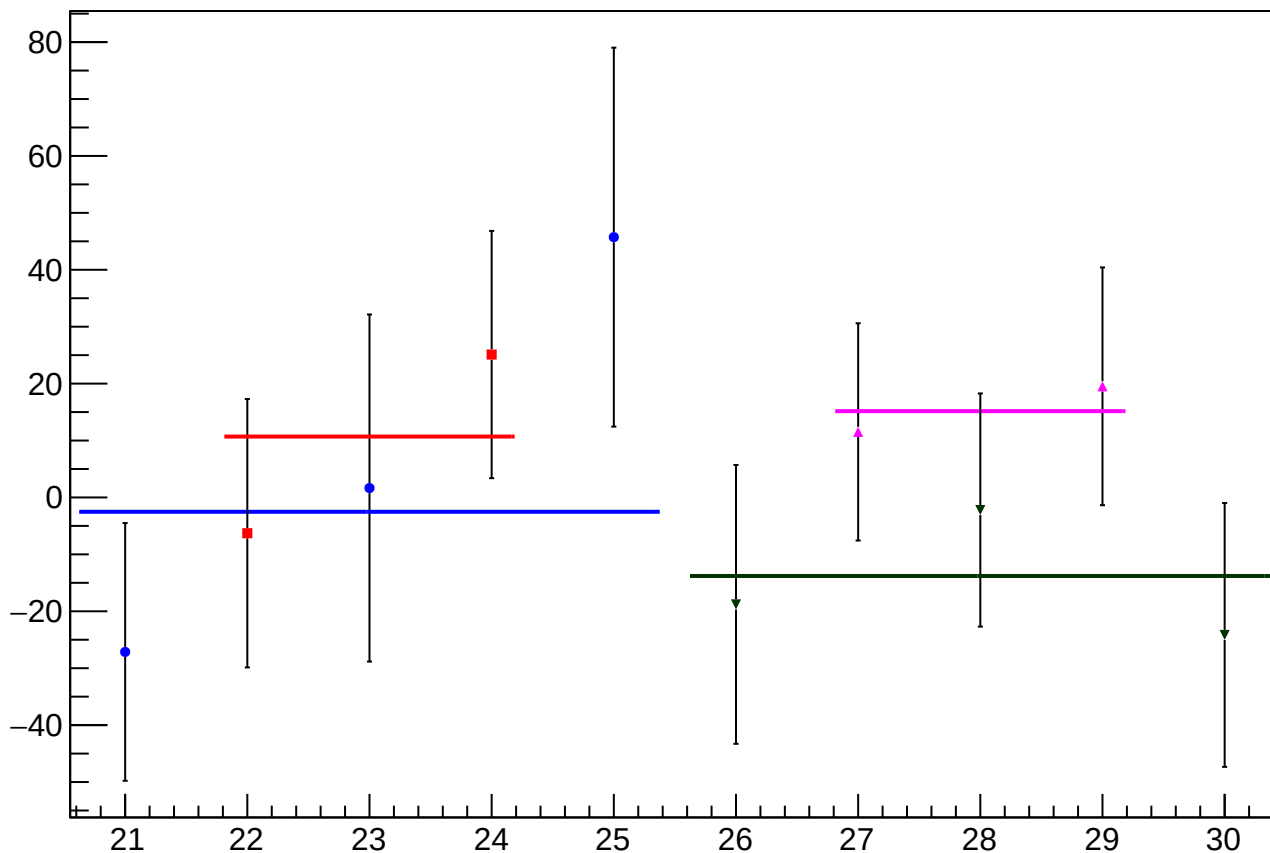
Right Out: 215.177 $\pm$ 0.140 χ^2/NDF : 1410.7/1

Left In: 119.228 $\pm$ 0.066 χ^2/NDF : 1979.0/1

137.662 $\pm$ 0.057 χ^2/NDF : 285120.5/5

136.612 $\pm$ 0.060 χ^2/NDF : 388947.1/3

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -2.518 ± 15.954 $\chi^2/\text{NDF}: 3.3/2$

Left Out: -13.797 ± 13.007 $\chi^2/\text{NDF}: 0.6/2$

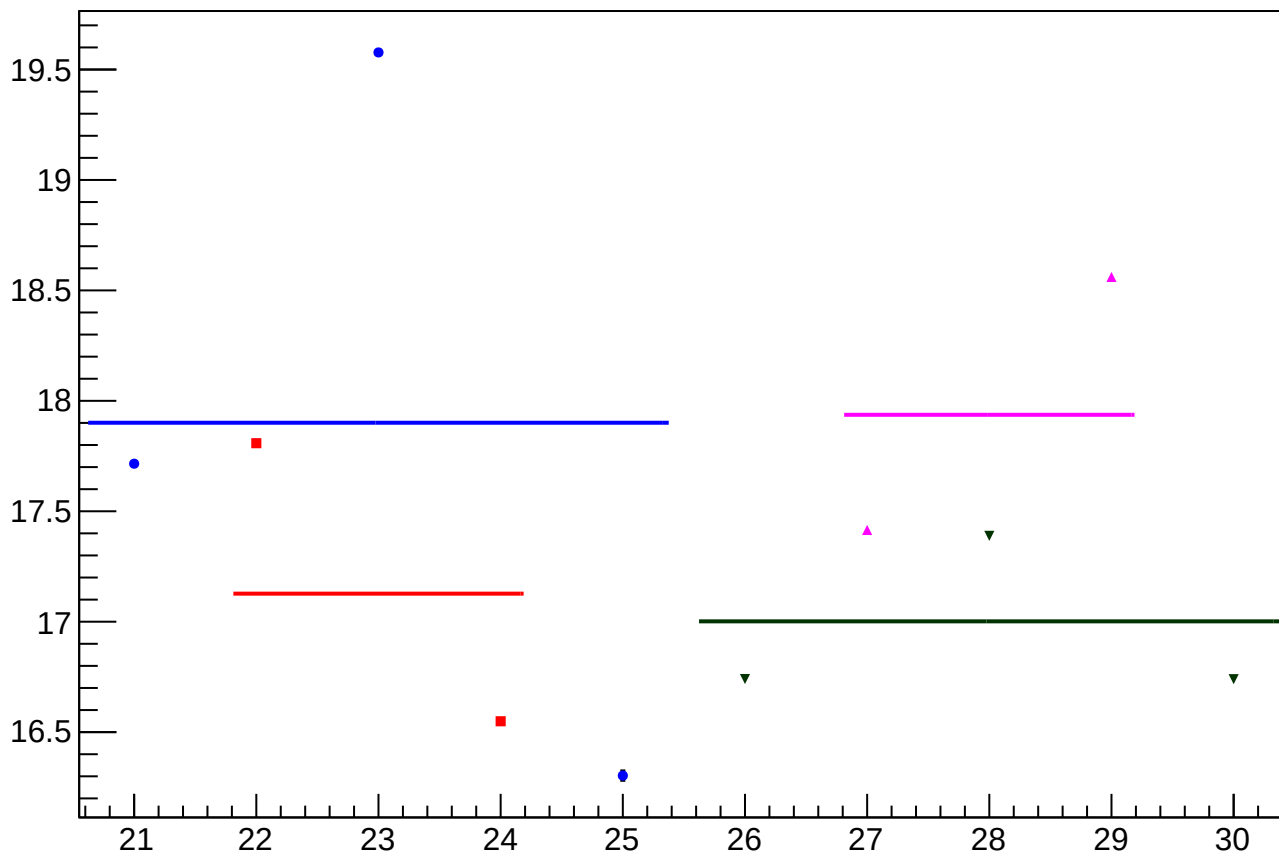
Right Out: 10.698 ± 15.974 $\chi^2/\text{NDF}: 1.0/1$

Left In: 15.160 ± 14.090 $\chi^2/\text{NDF}: 0.1/1$

-9.294 ± 10.081 $\chi^2/\text{NDF}: 4.2/5$

13.208 ± 10.567 $\chi^2/\text{NDF}: 1.1/3$

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 17.901 $\pm$ 0.011 χ^2 /NDF: 10787.4/2

Left Out: 17.002 $\pm$ 0.009 χ^2 /NDF: 1196.9/2

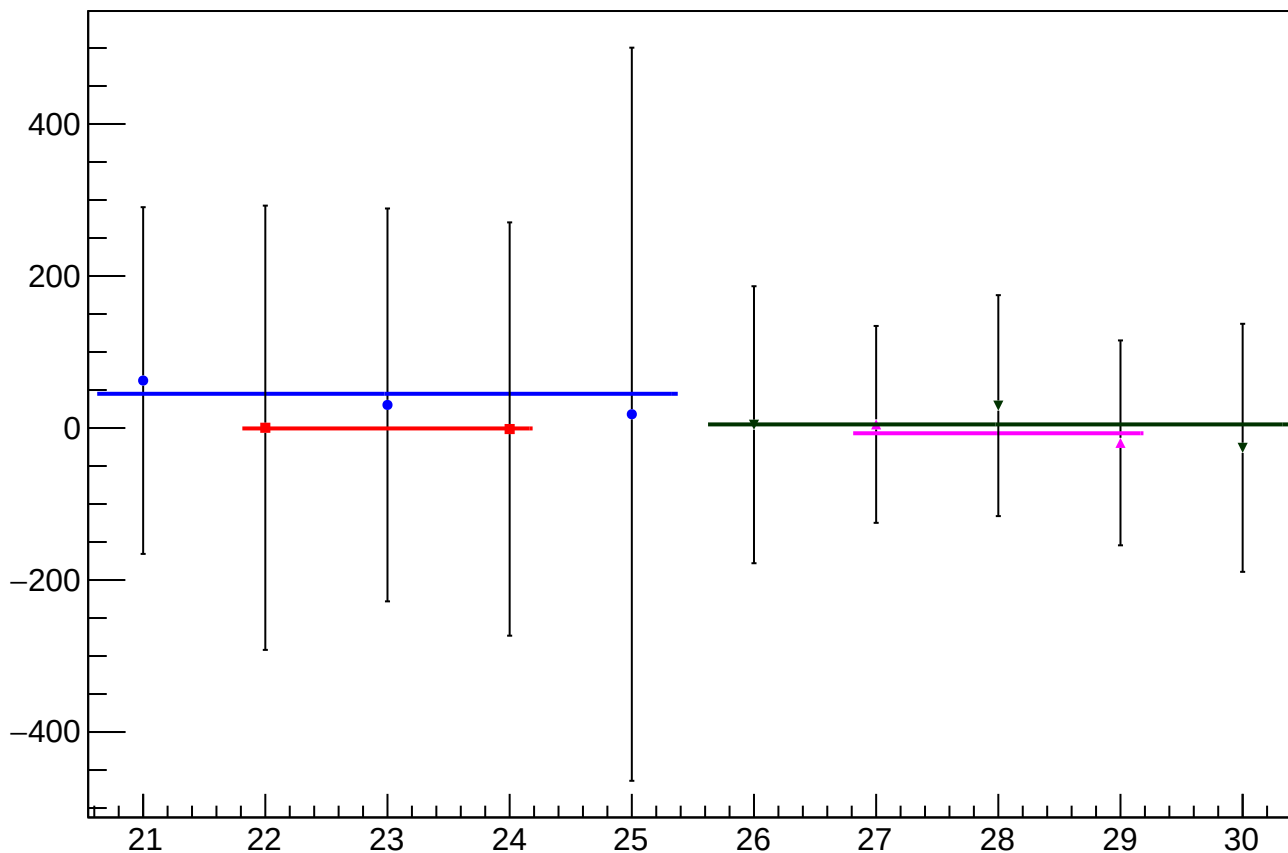
Right Out: 17.127 $\pm$ 0.011 χ^2 /NDF: 3084.7/1

Left In: 17.937 $\pm$ 0.010 χ^2 /NDF: 3278.1/1

17.361 $\pm$ 0.007 χ^2 /NDF: 15800.9/5

17.582 $\pm$ 0.007 χ^2 /NDF: 9253.0/3

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: 45.014+/-161.193 χ^2/NDF : 0.0/2

Left Out: 4.729+/-93.253 χ^2/NDF : 0.1/2

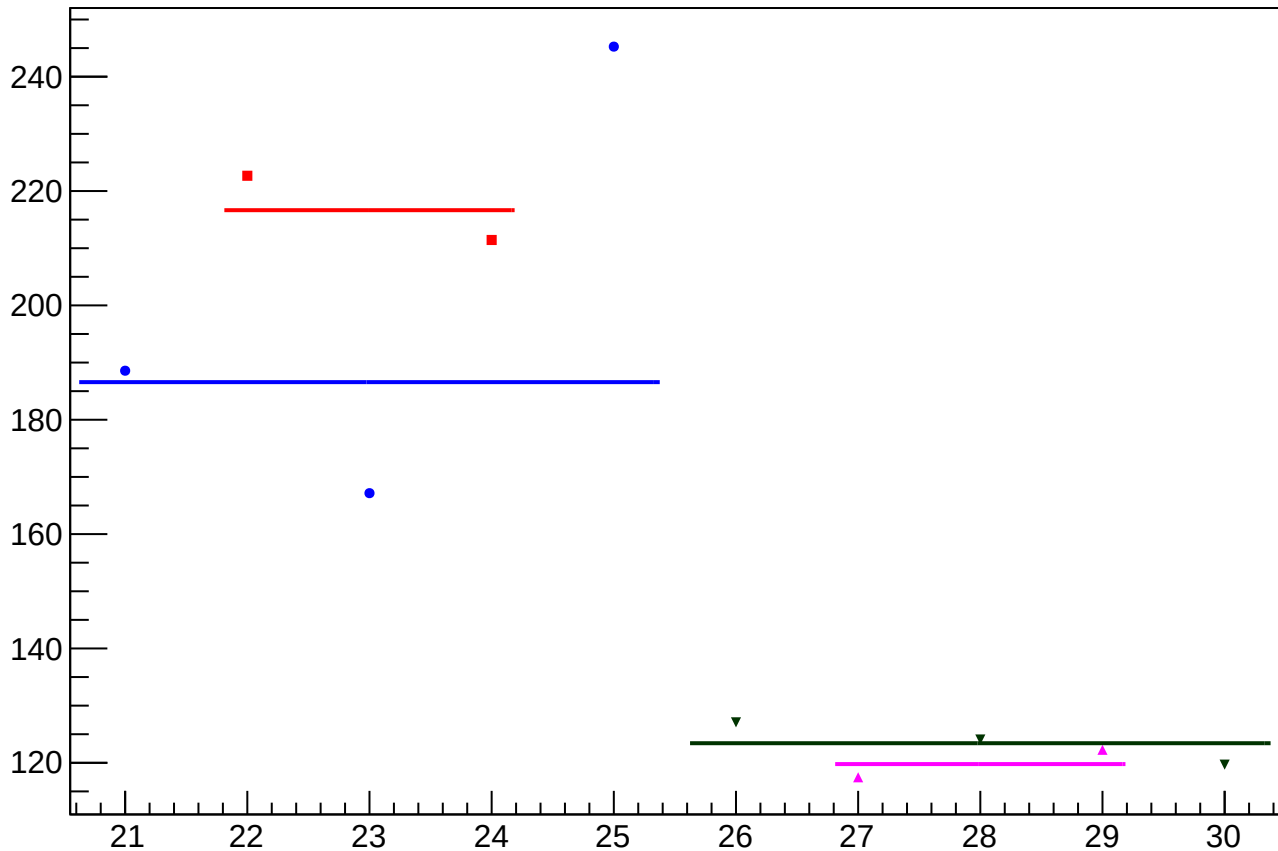
Right Out: -0.581+/-199.074 χ^2/NDF : 0.0/1

Left In: -6.924+/-93.396 χ^2/NDF : 0.0/1

14.831+/-80.718 χ^2/NDF : 0.1/5

-5.780+/-84.553 χ^2/NDF : 0.0/3

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 186.578 $\pm$ 0.114 χ^2 /NDF: 41045.4/2

Left Out: 123.427 $\pm$ 0.066 χ^2 /NDF: 1896.3/2

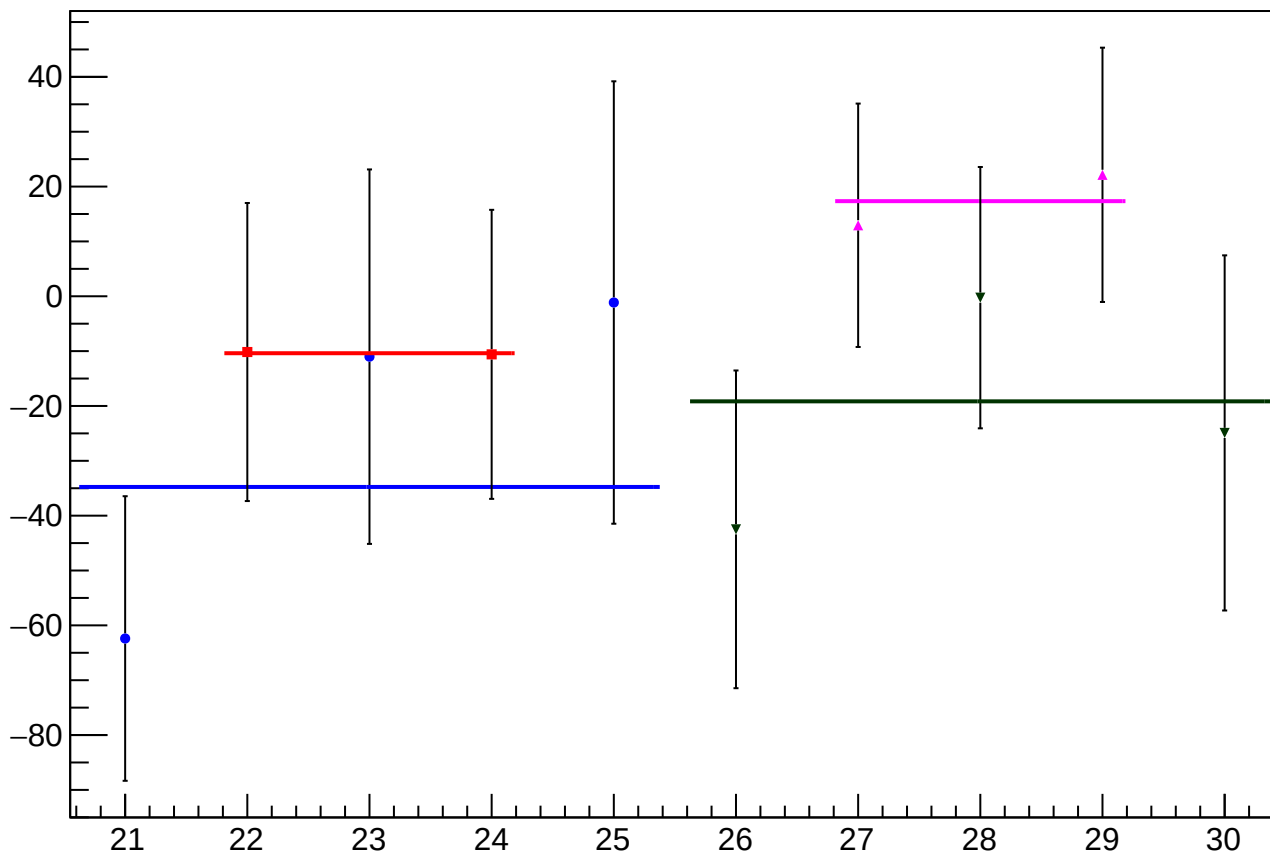
Right Out: 216.651 $\pm$ 0.141 χ^2 /NDF: 1583.4/1

Left In: 119.779 $\pm$ 0.066 χ^2 /NDF: 1323.0/1

139.263 $\pm$ 0.057 χ^2 /NDF: 272940.9/5

137.254 $\pm$ 0.060 χ^2 /NDF: 391054.6/3

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -34.765 ± 18.384 $\chi^2/\text{NDF}: 2.3/2$

Left Out: -19.159 ± 15.997 $\chi^2/\text{NDF}: 1.3/2$

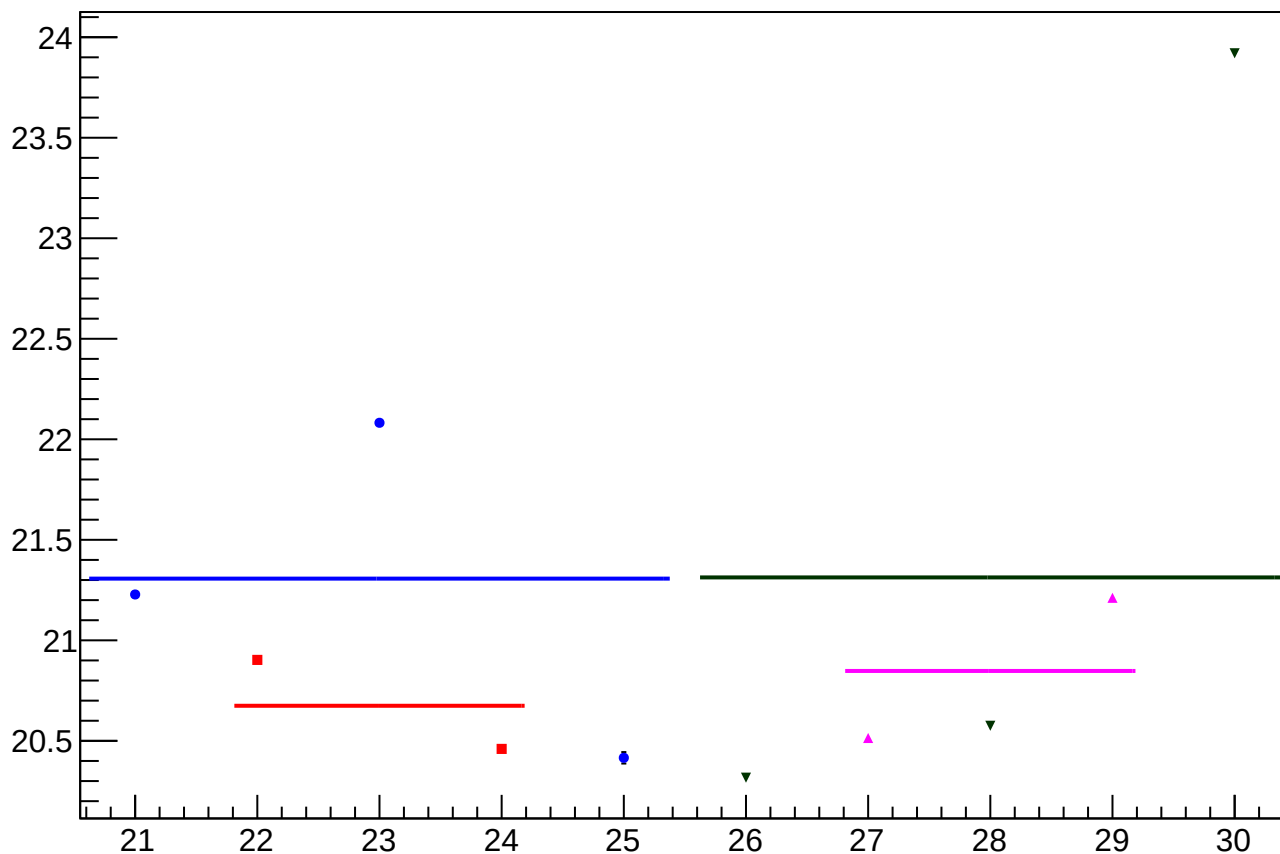
Right Out: -10.384 ± 18.916 $\chi^2/\text{NDF}: 0.0/1$

Left In: 17.341 ± 16.030 $\chi^2/\text{NDF}: 0.1/1$

-25.883 ± 12.068 $\chi^2/\text{NDF}: 4.0/5$

5.753 ± 12.229 $\chi^2/\text{NDF}: 1.3/3$

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 21.307 $\pm$ 0.013 χ^2 /NDF: 2026.5/2

Left Out: 21.313 $\pm$ 0.011 χ^2 /NDF:17254.3/2

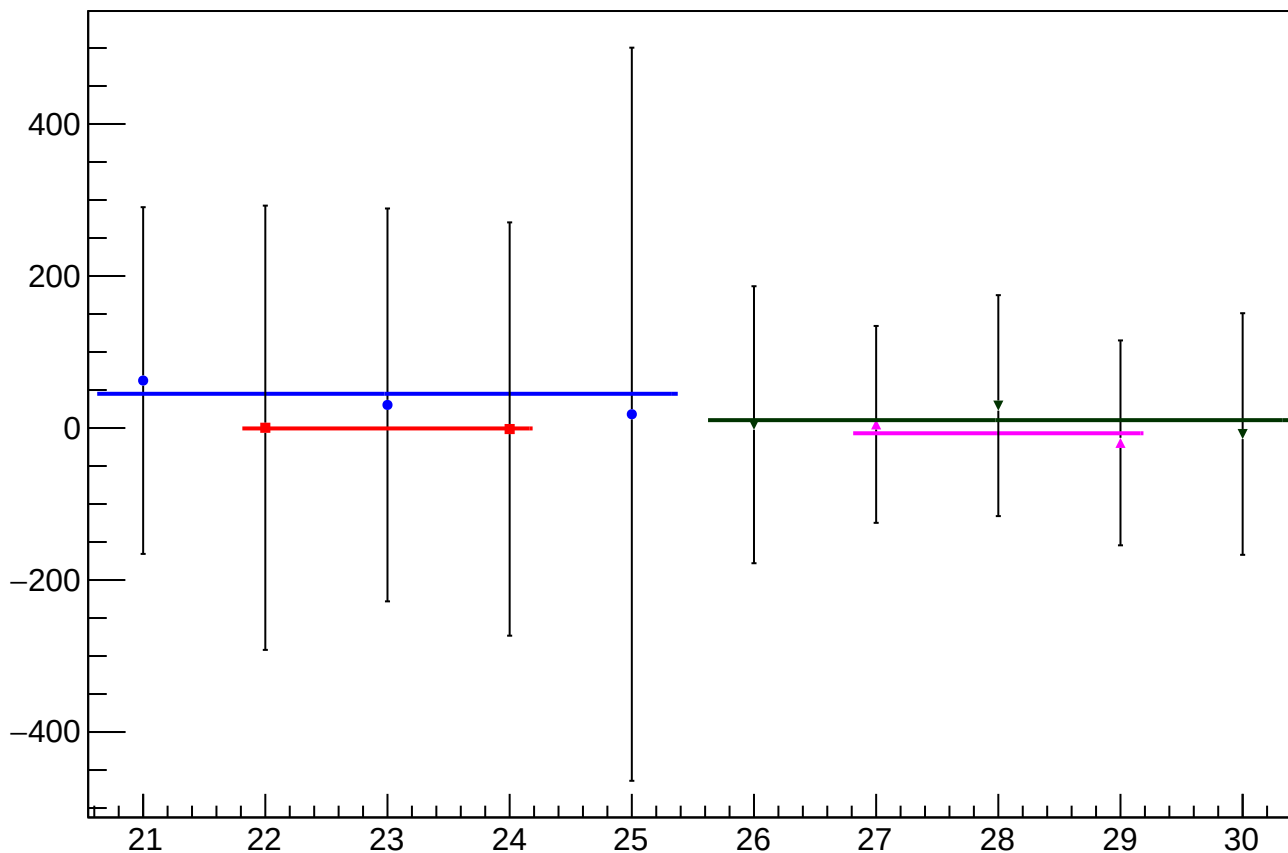
Right Out: 20.675 $\pm$ 0.013 χ^2 /NDF: 273.6/1

Left In: 20.848 $\pm$ 0.011 χ^2 /NDF:944.3/1

21.310 $\pm$ 0.009 χ^2 /NDF: 19280.9/5

20.775 $\pm$ 0.009 χ^2 /NDF: 1315.5/3

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: 45.014+/-161.193 χ^2/NDF : 0.0/2

Left Out: 10.338+/-92.442 χ^2/NDF : 0.0/2

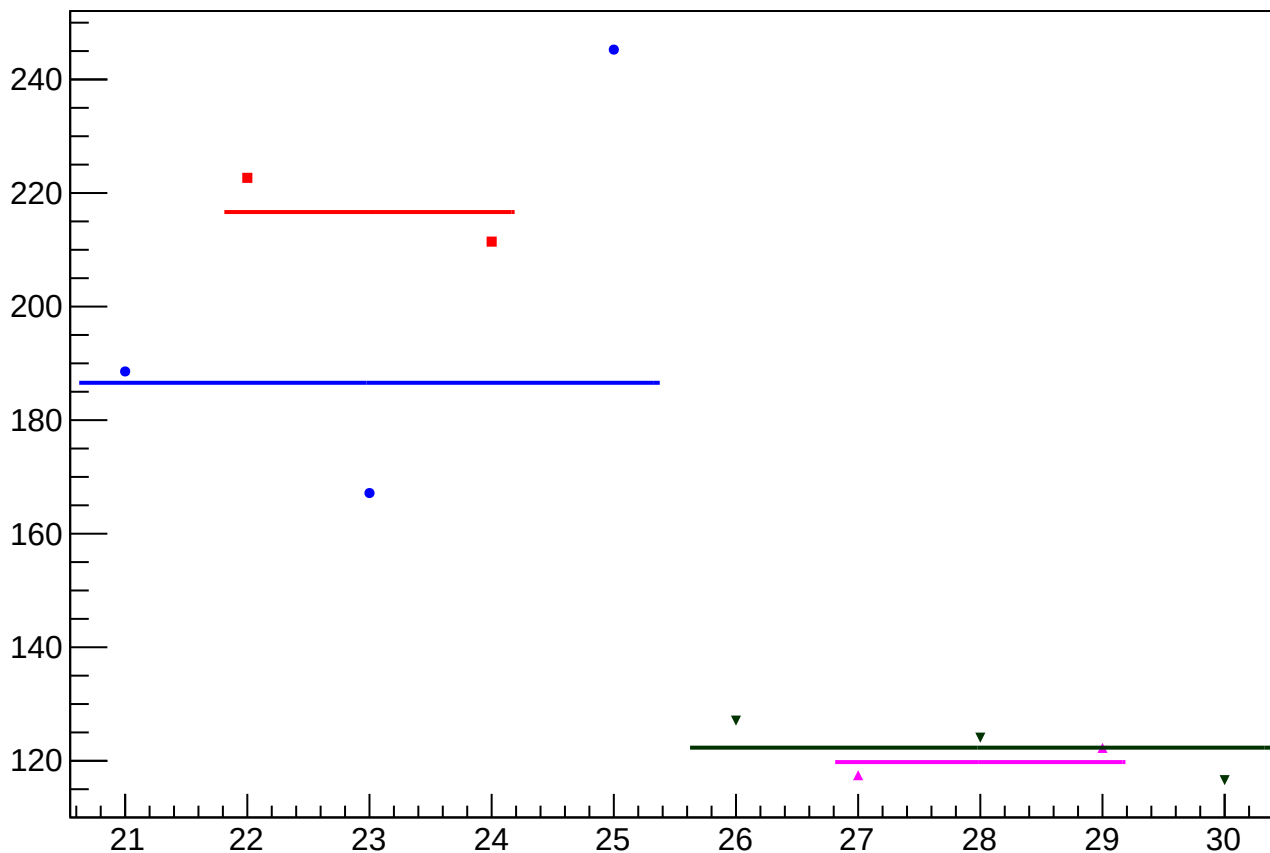
Right Out: -0.581+/-199.074 χ^2/NDF : 0.0/1

Left In: -6.924+/-93.396 χ^2/NDF : 0.0/1

18.920+/-80.191 χ^2/NDF : 0.1/5

-5.780+/-84.553 χ^2/NDF : 0.0/3

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 186.578 $\pm$ 0.114 χ^2/NDF : 41045.4/2

Left Out: 122.318 $\pm$ 0.065 χ^2/NDF : 4250.8/2

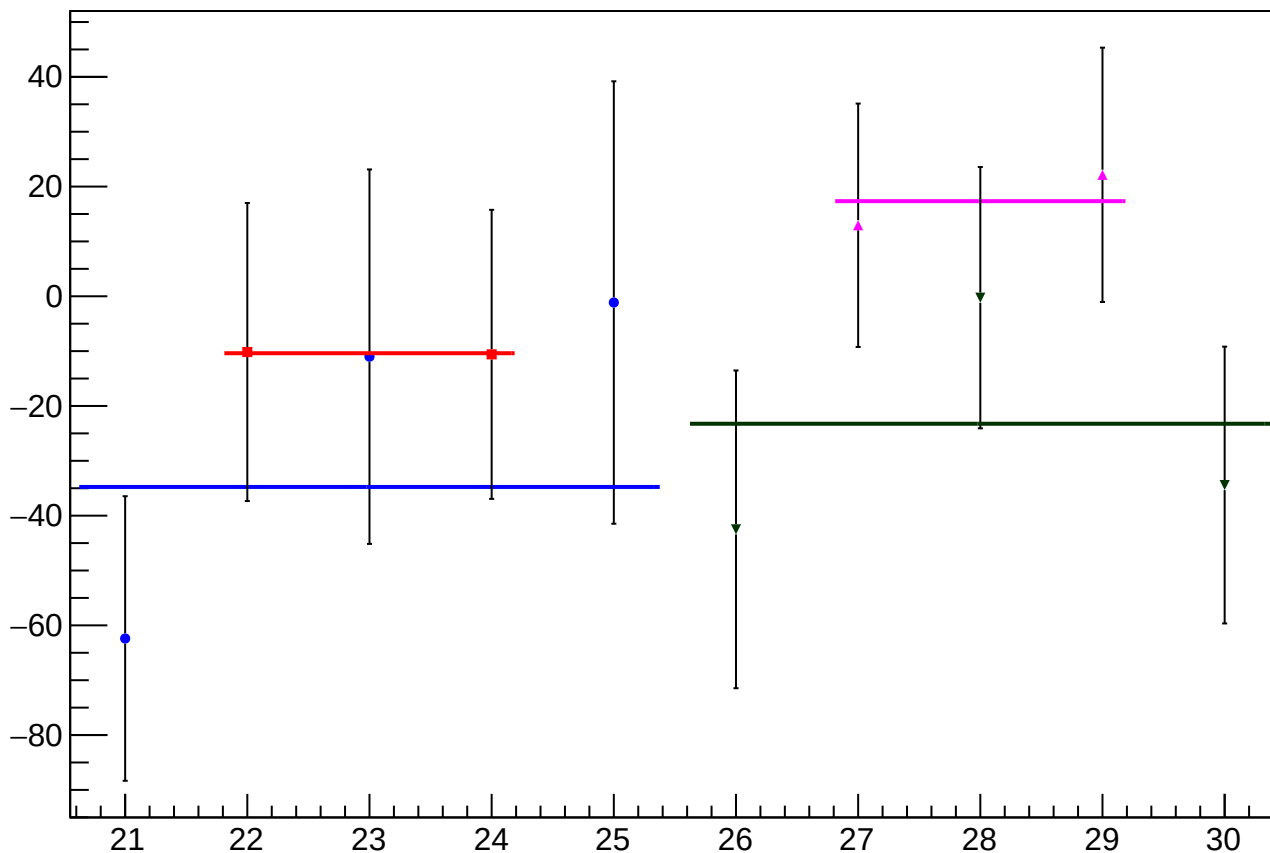
Right Out: 216.651 $\pm$ 0.141 χ^2/NDF : 1583.4/1

Left In: 119.779 $\pm$ 0.066 χ^2/NDF : 1323.0/1

138.222 $\pm$ 0.057 χ^2/NDF : 284483.2/5

137.254 $\pm$ 0.060 χ^2/NDF : 391054.6/3

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -34.765 ± 18.384 χ^2/NDF : 2.3/2

Left Out: -23.242 ± 14.867 χ^2/NDF : 1.6/2

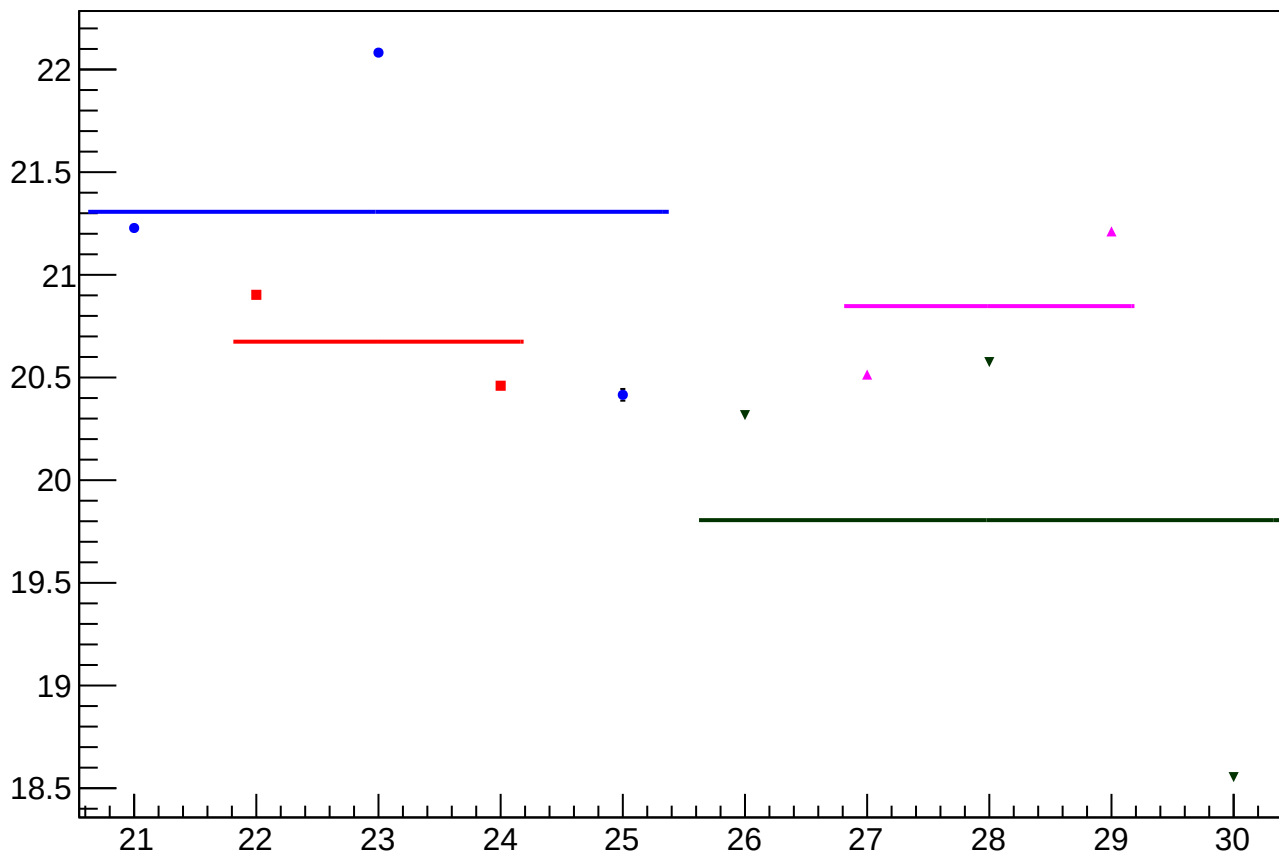
Right Out: -10.384 ± 18.916 χ^2/NDF : 0.0/1

Left In: 17.341 ± 16.030 χ^2/NDF : 0.1/1

-27.798 ± 11.560 χ^2/NDF : 4.1/5

5.753 ± 12.229 χ^2/NDF : 1.3/3

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 21.307±/0.013 χ^2/NDF : 2026.5/2

Left Out: 19.805±/0.011 χ^2/NDF : 7631.0/2

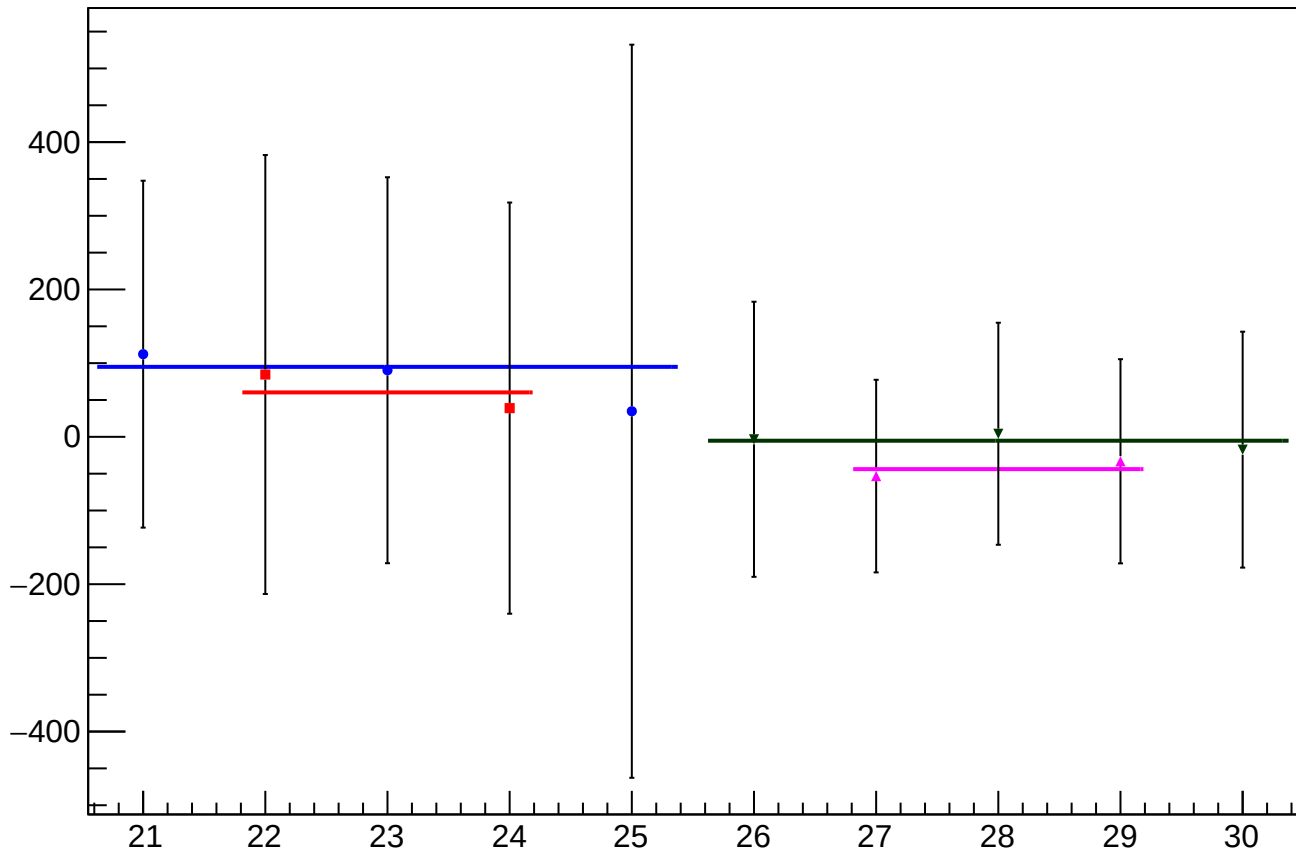
Right Out: 20.675±/0.013 χ^2/NDF : 273.6/1

Left In: 20.848±/0.011 χ^2/NDF : 944.3/1

20.399±/0.008 χ^2/NDF : 17724.4/5

20.775±/0.009 χ^2/NDF : 1315.5/3

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: 94.983+/-165.157 χ^2/NDF : 0.0/2

Left Out: -5.286+/-94.592 χ^2/NDF : 0.0/2

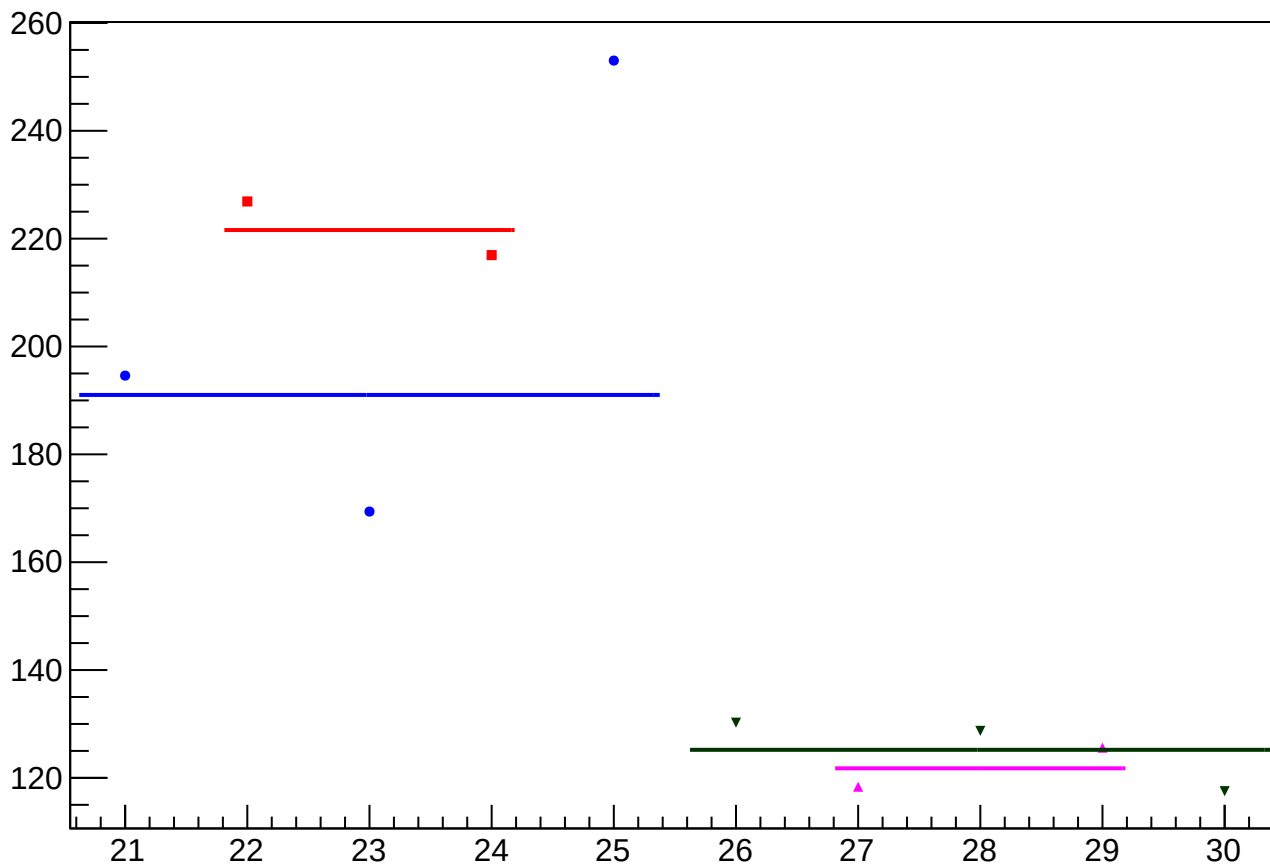
Right Out: 60.289+/-203.636 χ^2/NDF : 0.0/1

Left In: -43.825+/-95.077 χ^2/NDF : 0.0/1

19.481+/-82.082 χ^2/NDF : 0.3/5

-25.191+/-86.150 χ^2/NDF : 0.2/3

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 191.017 $\pm$ 0.117 χ^2/NDF : 45167.2/2

Left Out: 125.203 $\pm$ 0.067 χ^2/NDF : 7135.0/2

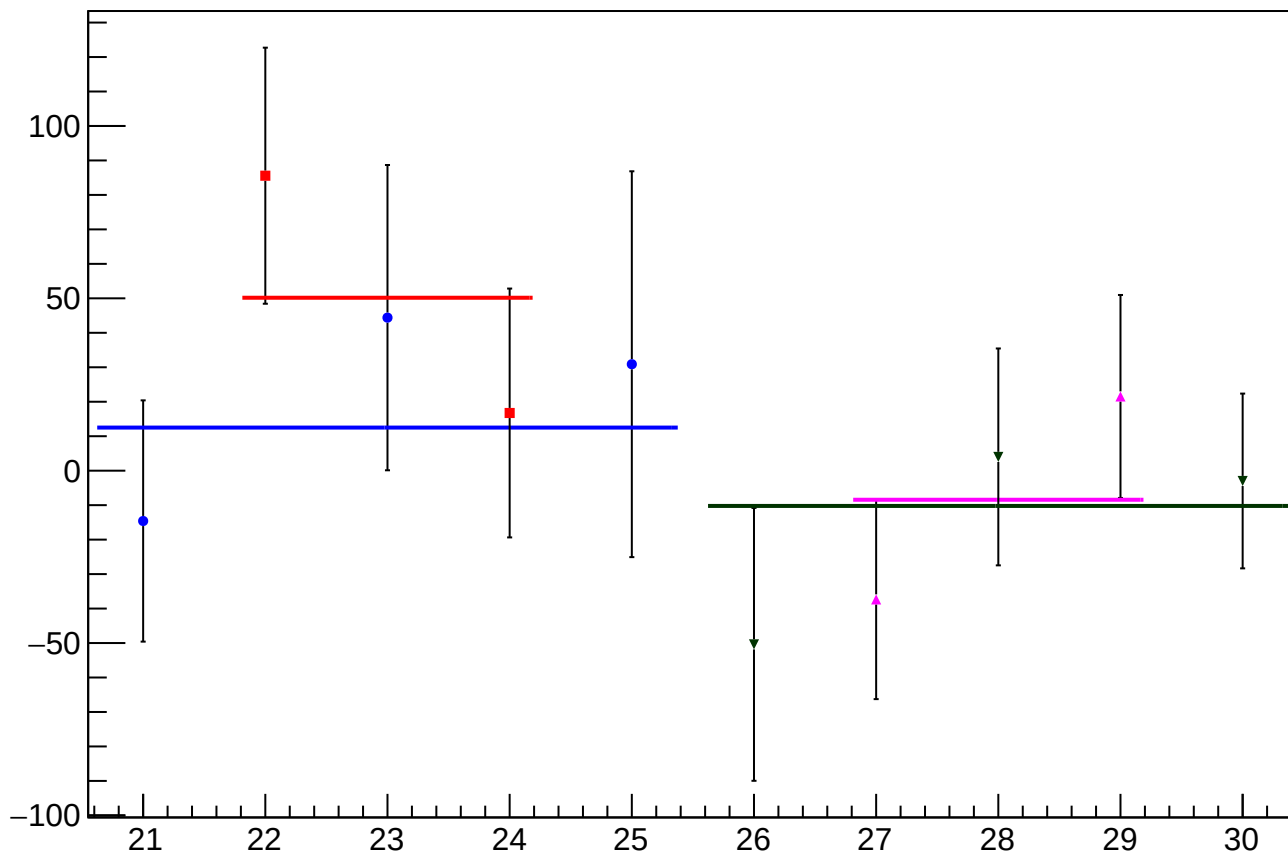
Right Out: 221.600 $\pm$ 0.144 χ^2/NDF : 1188.8/1

Left In: 121.773 $\pm$ 0.067 χ^2/NDF : 2887.3/1

141.459 $\pm$ 0.058 χ^2/NDF : 291452.9/5

139.640 $\pm$ 0.061 χ^2/NDF : 398686.2/3

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: 12.506 $\pm$ 24.650 χ^2 /NDF: 1.2/2

Left Out: -10.227 $\pm$ 17.665 χ^2 /NDF: 1.3/2

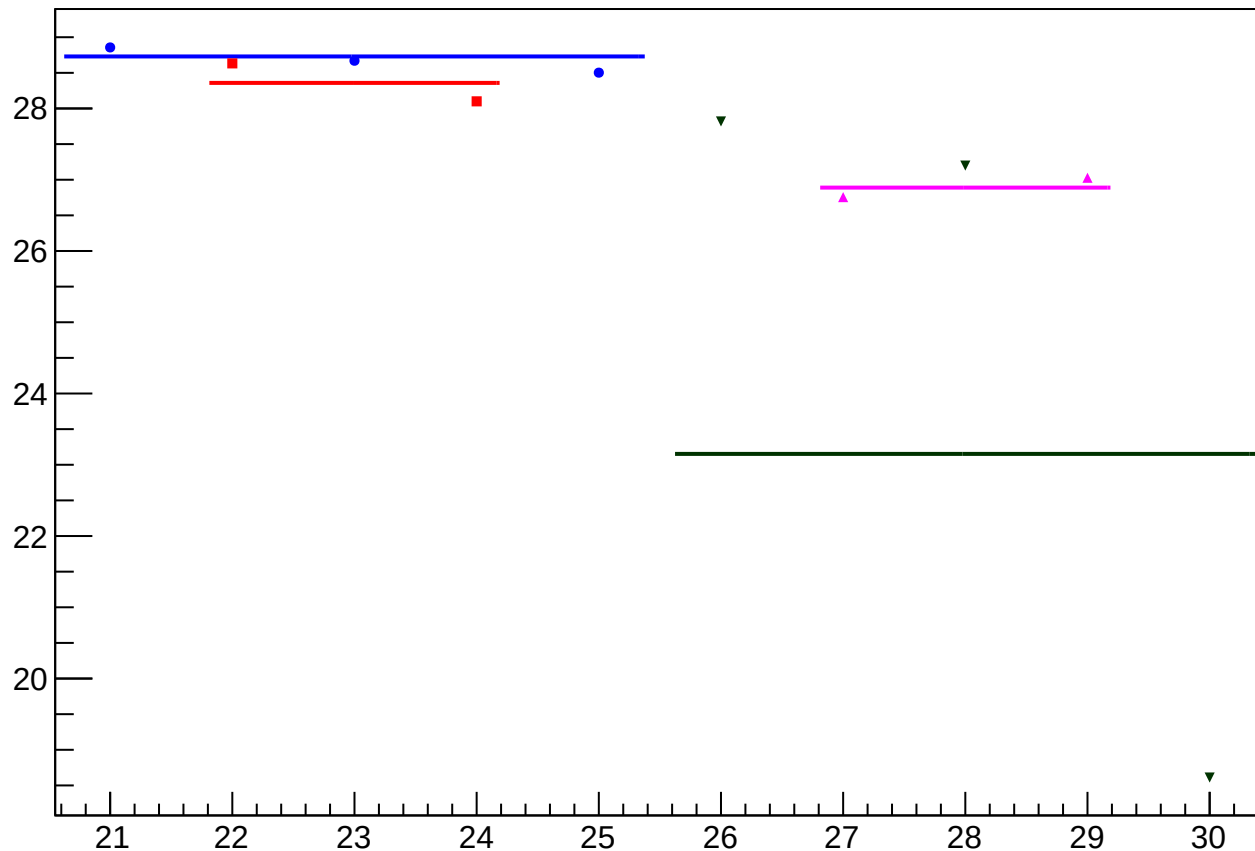
Right Out: 50.172 $\pm$ 25.886 χ^2 /NDF: 1.8/1

Left In: -8.432 $\pm$ 20.632 χ^2 /NDF: 2.0/1

-2.514 $\pm$ 14.358 χ^2 /NDF: 3.1/5

14.334 $\pm$ 16.134 χ^2 /NDF: 6.9/3

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 28.730+/-0.017 χ^2/NDF : 62.9/2

Left Out: 23.153+/-0.012 χ^2/NDF : 125056.0/2

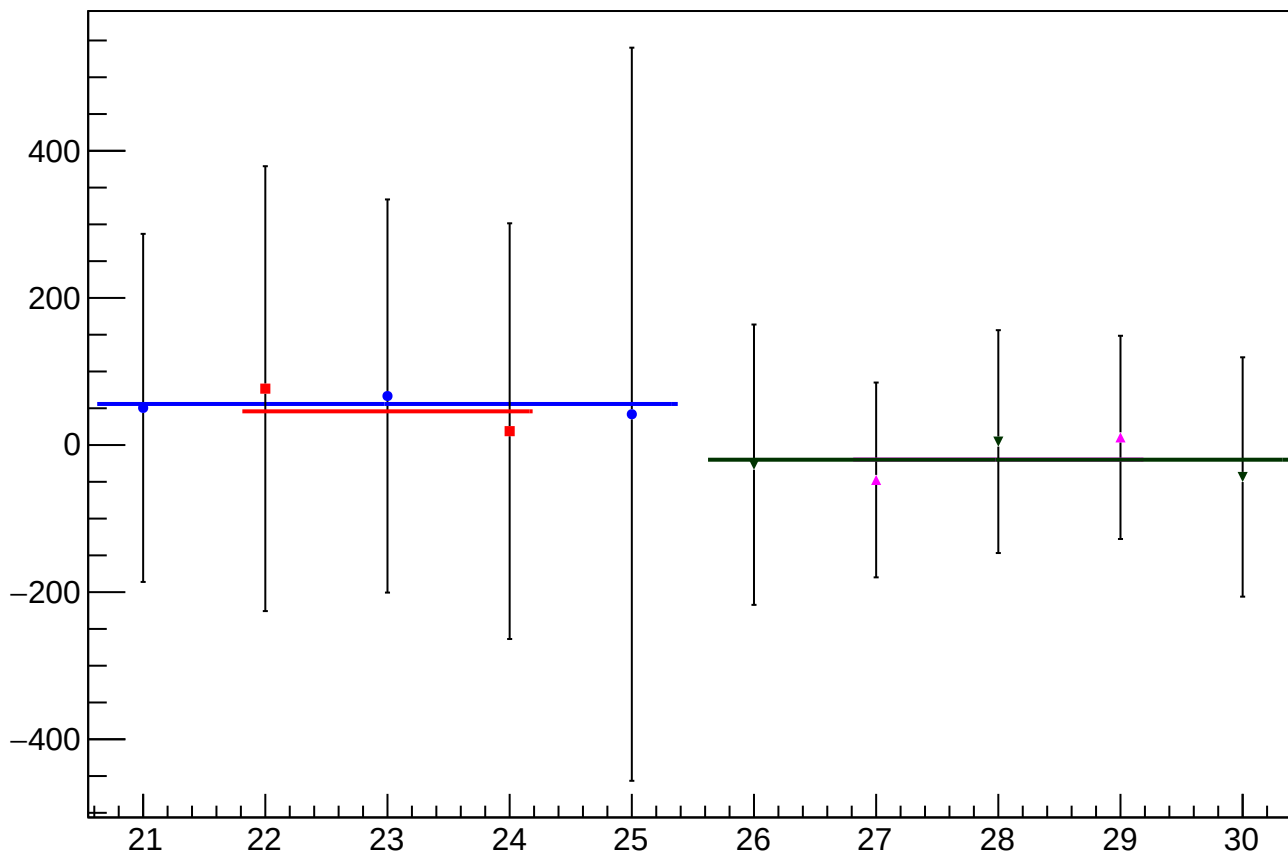
Right Out: 28.359+/-0.018 χ^2/NDF : 211.6/1

Left In: 26.890+/-0.015 χ^2/NDF : 86.8/1

25.045+/-0.010 χ^2/NDF : 192771.8/5

27.460+/-0.011 χ^2/NDF : 4239.1/3

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: 55.828+/-166.920 χ^2/NDF : 0.0/2

Left Out: -19.950+/-95.835 χ^2/NDF : 0.0/2

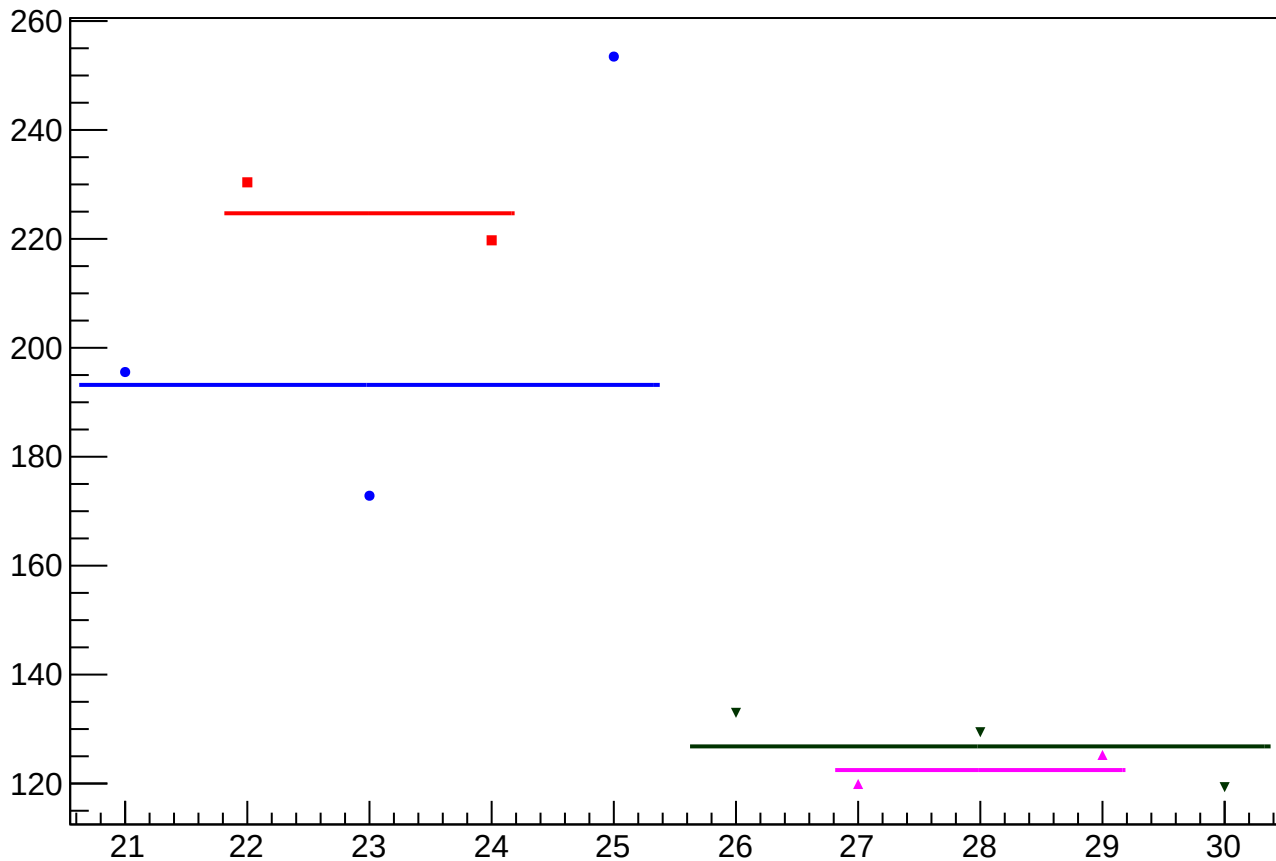
Right Out: 45.811+/-206.468 χ^2/NDF : 0.0/1

Left In: -19.756+/-95.594 χ^2/NDF : 0.1/1

-1.164+/-83.111 χ^2/NDF : 0.2/5

-8.182+/-86.747 χ^2/NDF : 0.2/3

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 193.190 $\pm$ 0.118 χ^2/NDF : 41061.9/2

Left Out: 126.815 $\pm$ 0.068 χ^2/NDF : 6911.5/2

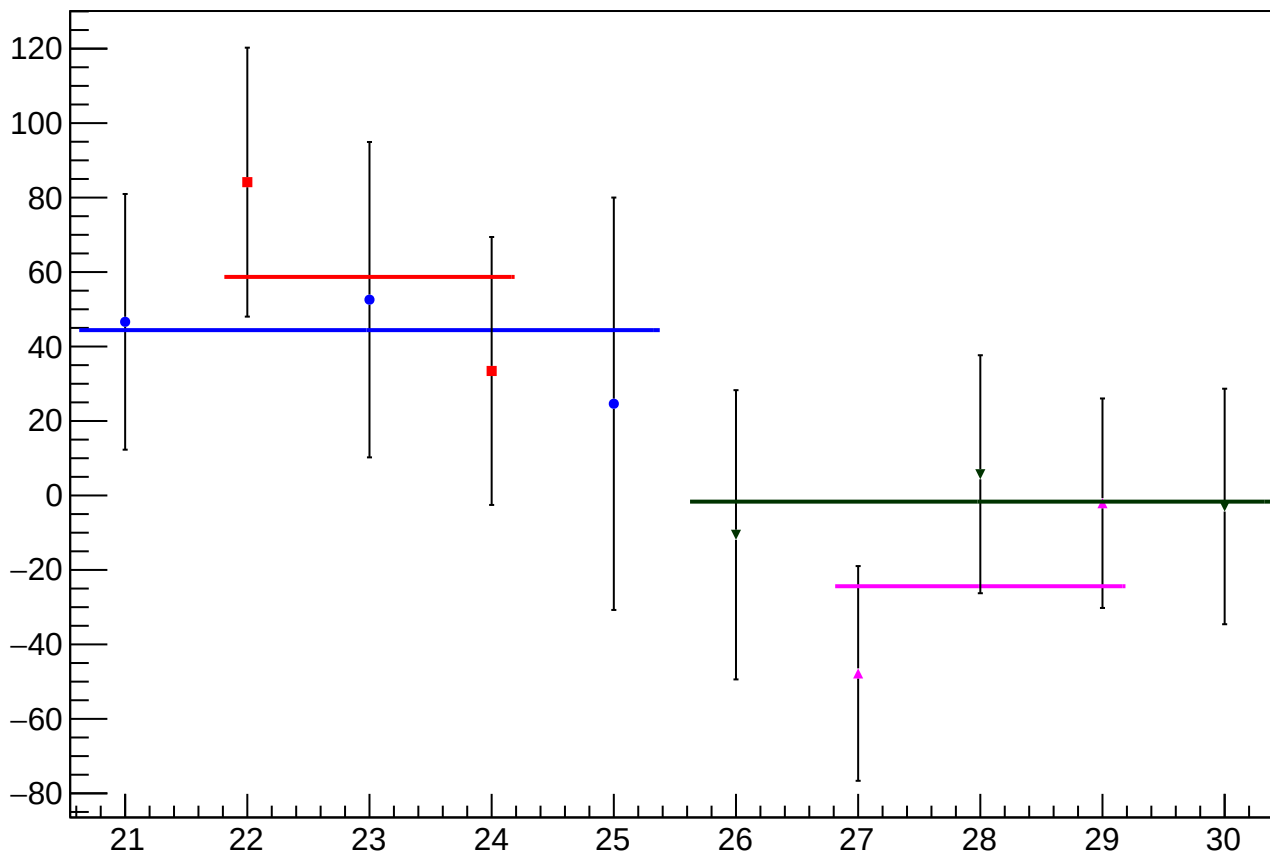
Right Out: 224.701 $\pm$ 0.146 χ^2/NDF : 1323.5/1

Left In: 122.471 $\pm$ 0.068 χ^2/NDF : 1553.3/1

143.271 $\pm$ 0.059 χ^2/NDF : 285816.3/5

140.517 $\pm$ 0.061 χ^2/NDF : 406643.5/3

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: 44.404 $\pm$ 24.030 χ^2/NDF : 0.2/2

Left Out: -1.655 $\pm$ 19.457 χ^2/NDF : 0.1/2

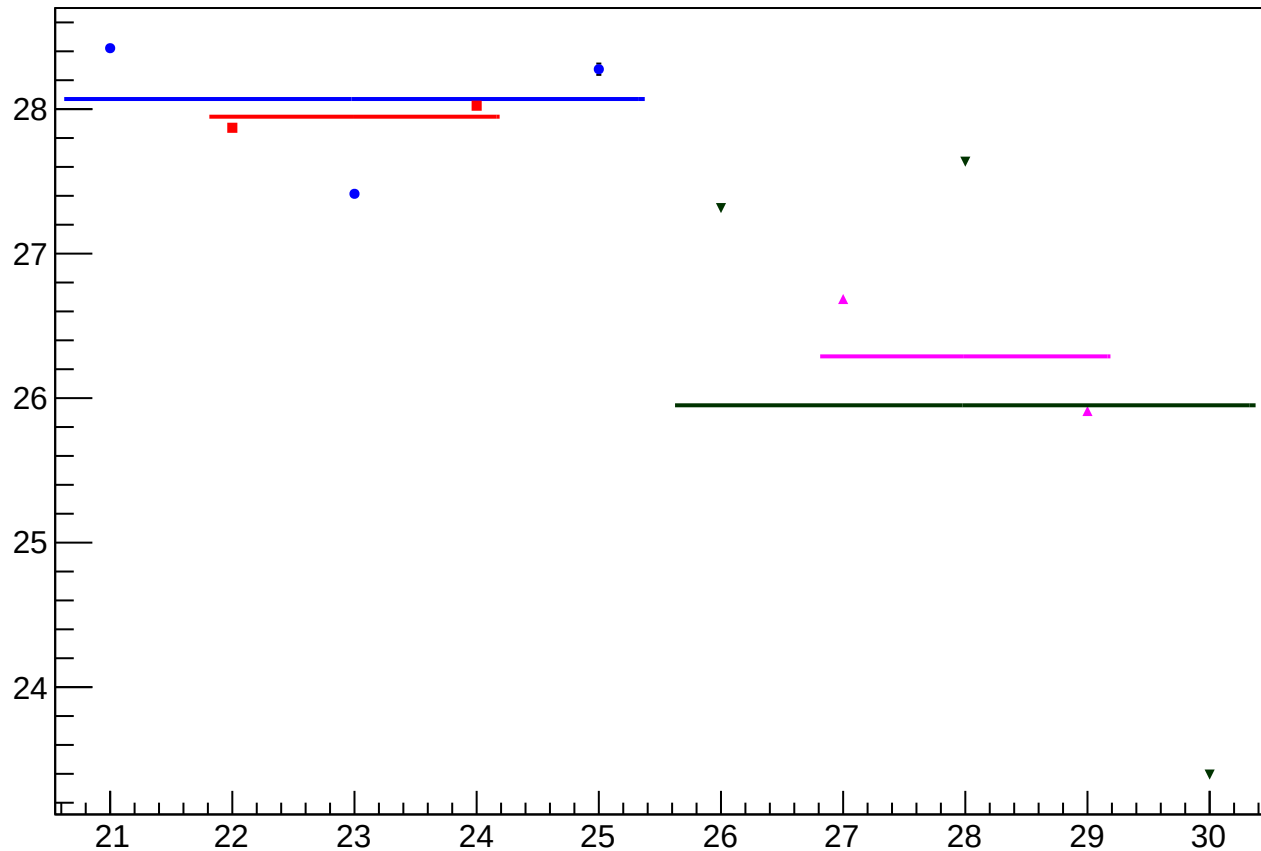
Right Out: 58.696 $\pm$ 25.490 χ^2/NDF : 1.0/1

Left In: -24.376 $\pm$ 20.136 χ^2/NDF : 1.3/1

16.584 $\pm$ 15.121 χ^2/NDF : 2.5/5

7.544 $\pm$ 15.801 χ^2/NDF : 8.8/3

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 28.070 $\pm$ 0.017 χ^2 /NDF: 717.5/2

Left Out: 25.950 $\pm$ 0.014 χ^2 /NDF: 21090.8/2

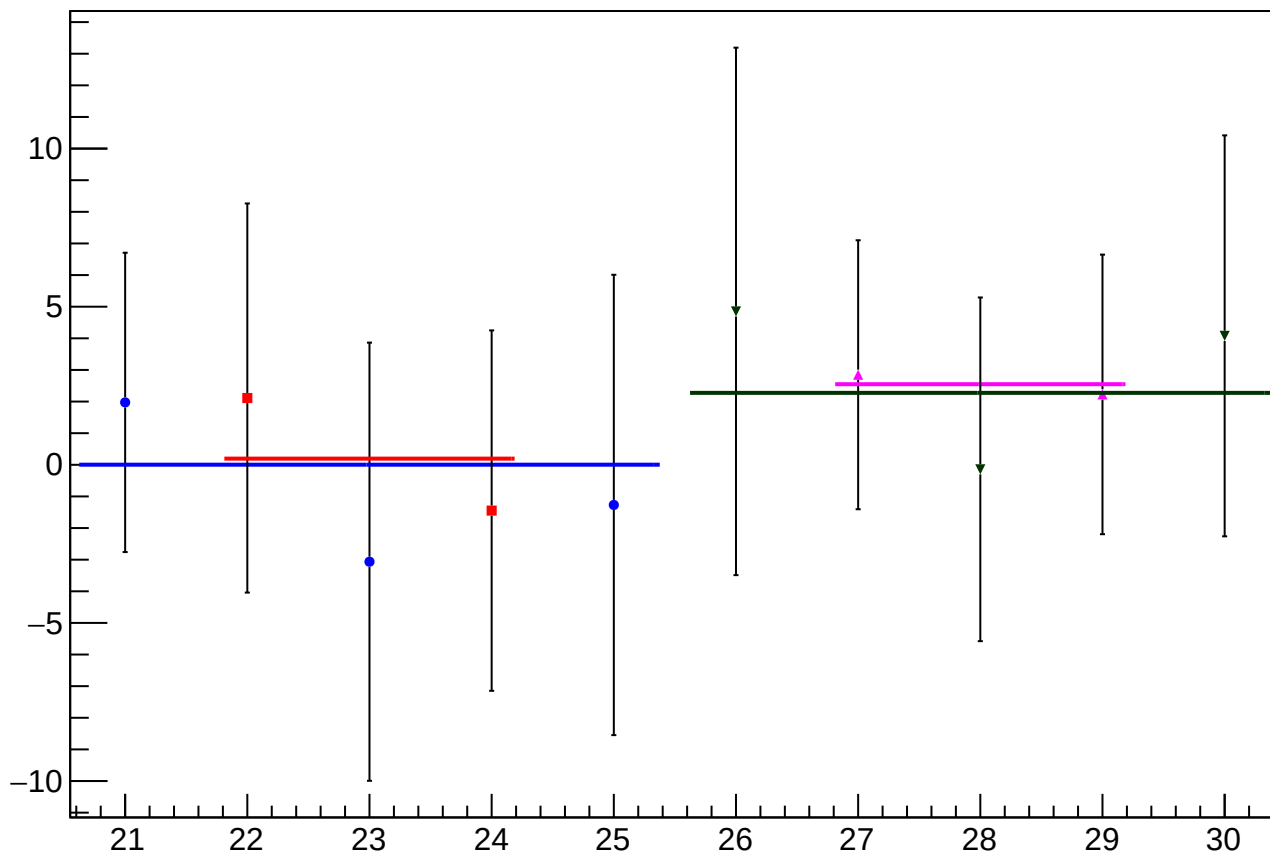
Right Out: 27.948 $\pm$ 0.018 χ^2 /NDF: 18.0/1

Left In: 26.289 $\pm$ 0.014 χ^2 /NDF: 740.4/1

26.790 $\pm$ 0.011 χ^2 /NDF: 31206.5/5

26.926 $\pm$ 0.011 χ^2 /NDF: 5972.6/3

diff_bpm12X_mean vs slug



Right In: 0.004 $\pm$ 3.443 χ^2 /NDF: 0.4/2

Left Out: 2.275 $\pm$ 3.698 χ^2 /NDF: 0.4/2

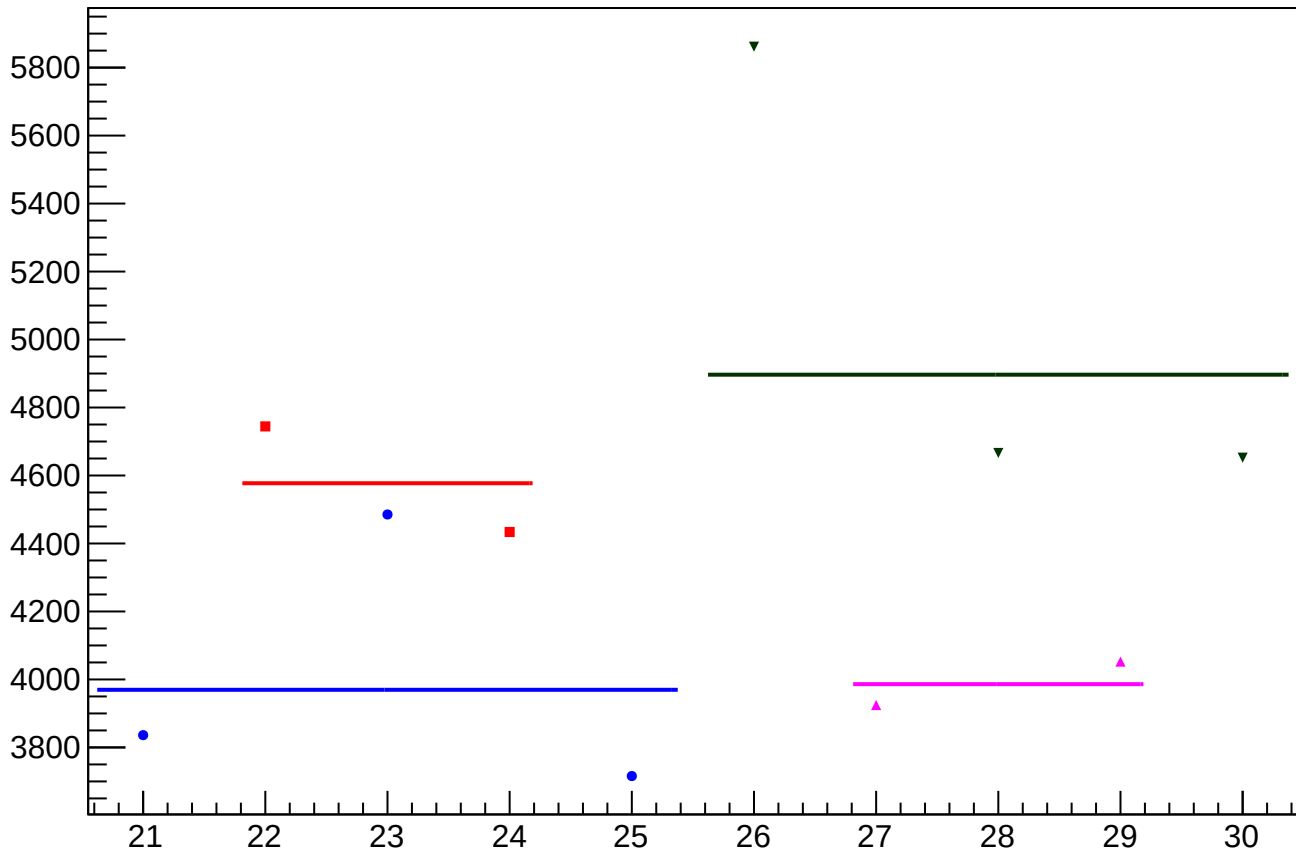
Right Out: 0.196 $\pm$ 4.181 χ^2 /NDF: 0.2/1

Left In: 2.549 $\pm$ 3.065 χ^2 /NDF: 0.0/1

1.058 $\pm$ 2.520 χ^2 /NDF: 1.0/5

1.726 $\pm$ 2.472 χ^2 /NDF: 0.4/3

diff_bpm12X_rms vs slug



Right In: 3969.564+/-2.435 χ^2/NDF : 15101.9/2

Left Out: 4896.582+/-2.615 χ^2/NDF : 33331.8/2

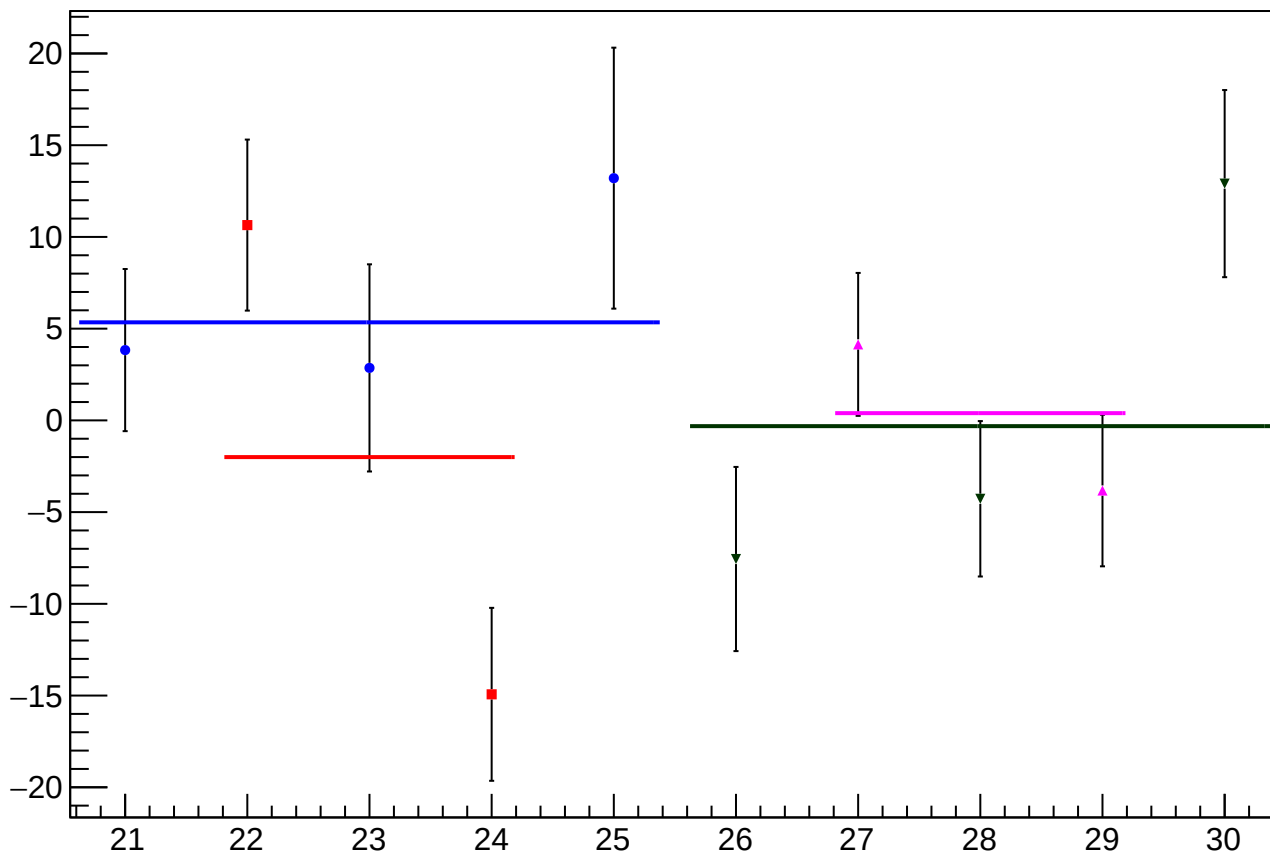
Right Out: 4577.261+/-2.956 χ^2/NDF : 2744.0/1

Left In: 3986.153+/-2.167 χ^2/NDF : 867.6/1

4400.024+/-1.782 χ^2/NDF : 115751.6/5

4192.775+/-1.748 χ^2/NDF : 29615.8/3

diff_bpm12Y_mean vs slug



Right In: 5.345 ± 3.126 $\chi^2/\text{NDF}: 1.5/2$

Left Out: -0.314 ± 2.733 $\chi^2/\text{NDF}: 9.7/2$

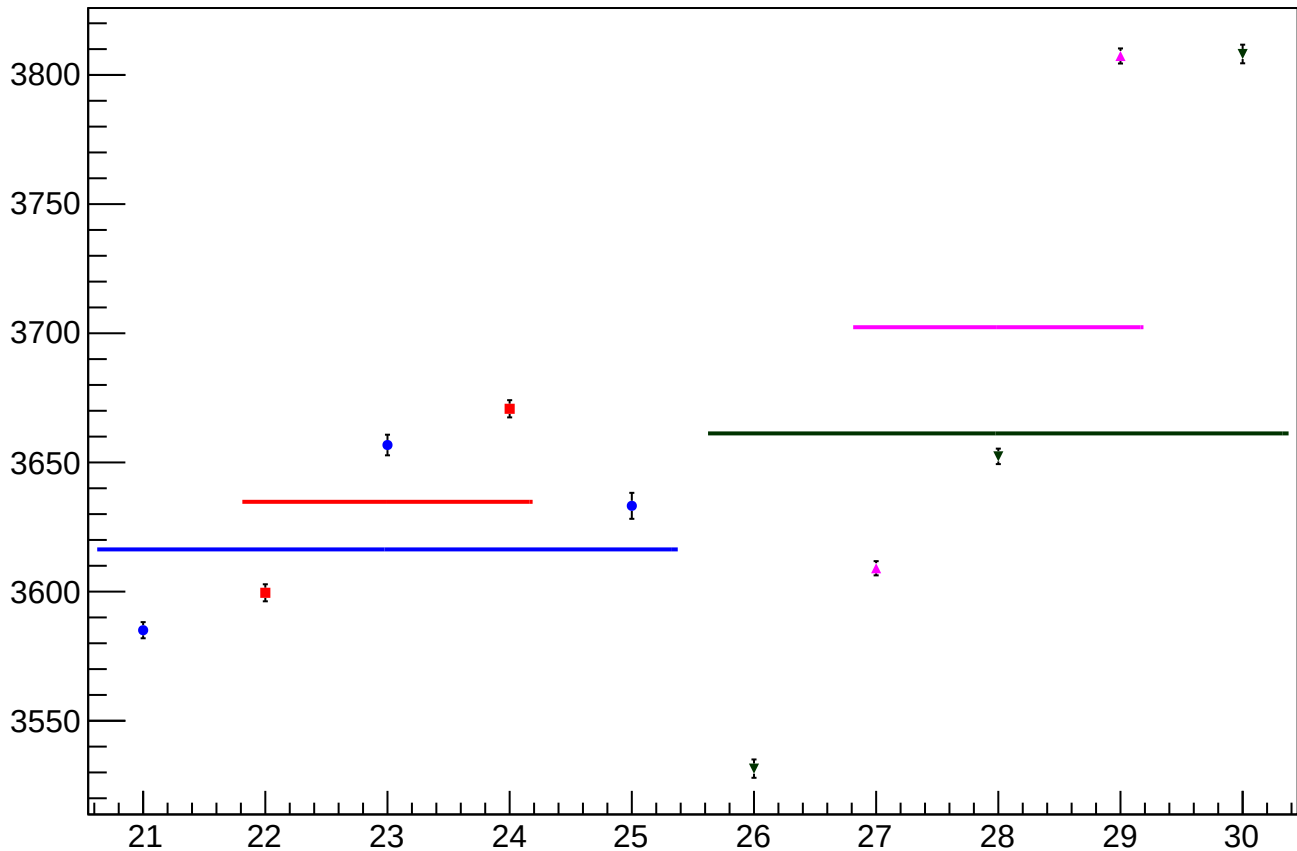
Right Out: -2.001 ± 3.314 $\chi^2/\text{NDF}: 14.9/1$

Left In: 0.394 ± 2.834 $\chi^2/\text{NDF}: 2.0/1$

2.137 ± 2.058 $\chi^2/\text{NDF}: 13.1/5$

-0.618 ± 2.154 $\chi^2/\text{NDF}: 17.2/3$

diff_bpm12Y_rms vs slug



Right In: 3616.333+/-2.210 χ^2/NDF : 213.8/2

Left Out: 3661.238+/-1.933 χ^2/NDF :3003.9/2

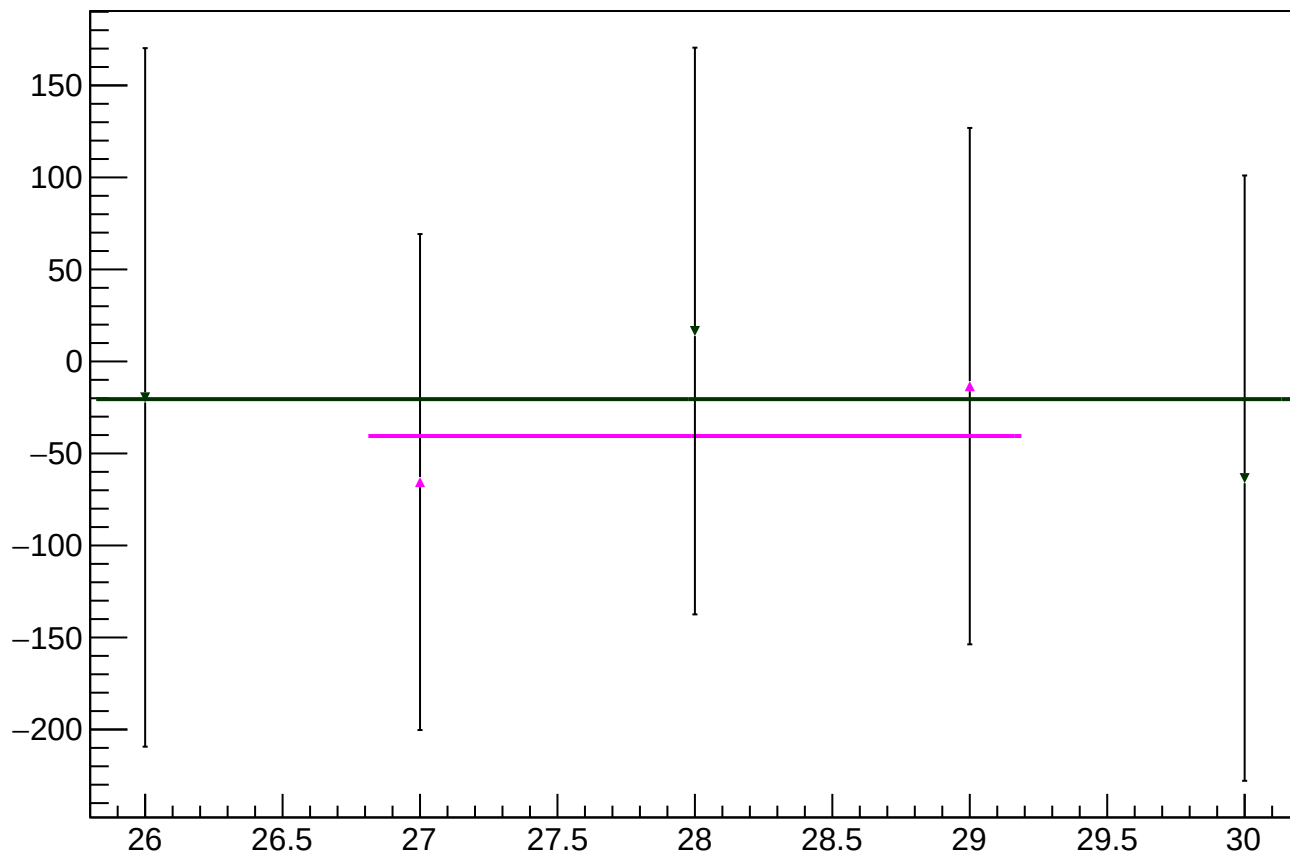
Right Out: 3634.759+/-2.344 χ^2/NDF : 230.9/1

Left In: 3702.345+/-2.004 χ^2/NDF :2438.8/1

3641.782+/-1.455 χ^2/NDF : 3451.6/5

3673.796+/-1.523 χ^2/NDF : 3150.0/3

asym_bcm_dg_us_cav4cQ_agg_avg_mean vs slug



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

Left Out: -20.482+/-96.716 χ^2 /NDF:0.1/2

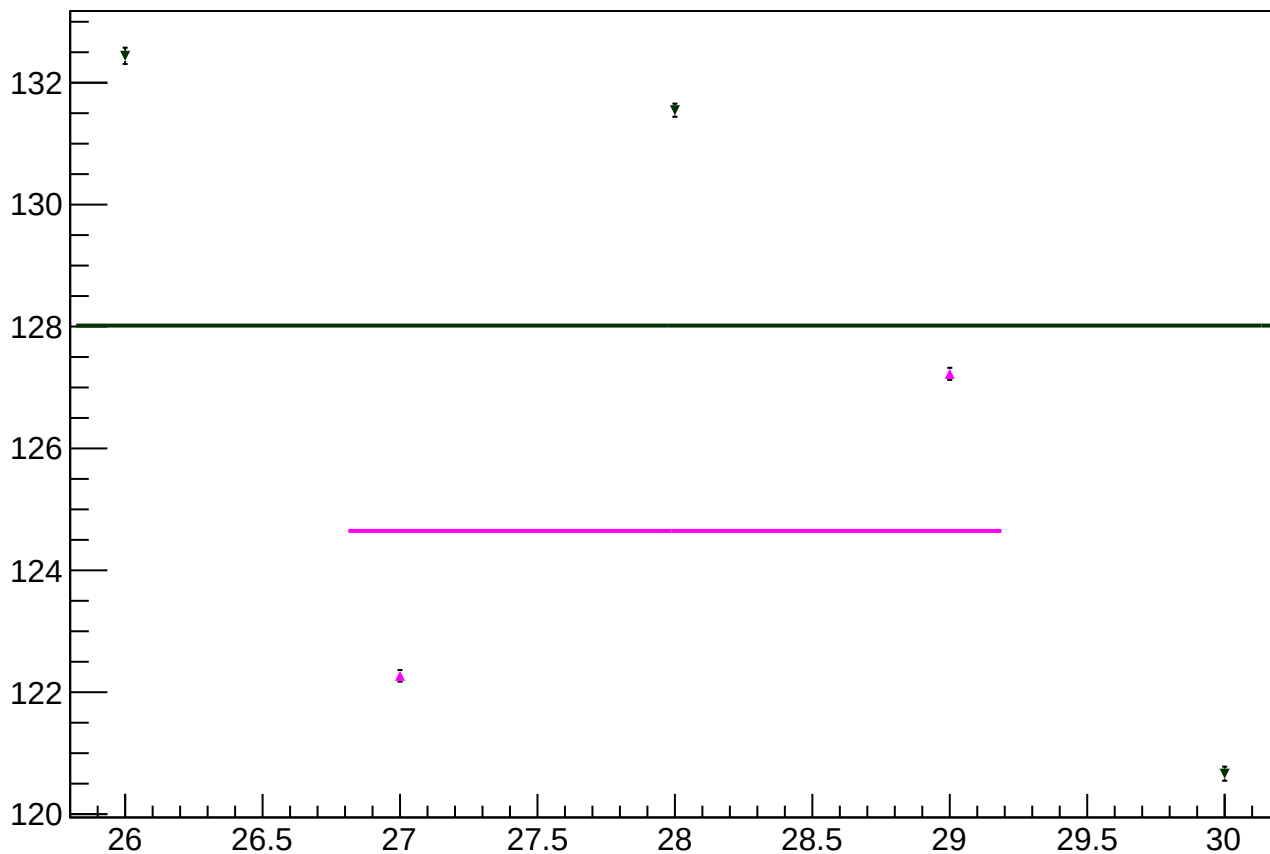
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -40.525+/-97.192 χ^2 /NDF:0.1/1

-20.482+/-96.716 χ^2 /NDF: 0.1/2

-40.525+/-97.192 χ^2 /NDF: 0.1/1

asym_bcm_dg_us_cav4cQ_agg_avg_rms vs slug



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

Left Out: 128.016+/-0.068 χ^2/NDF : 6136.8/2

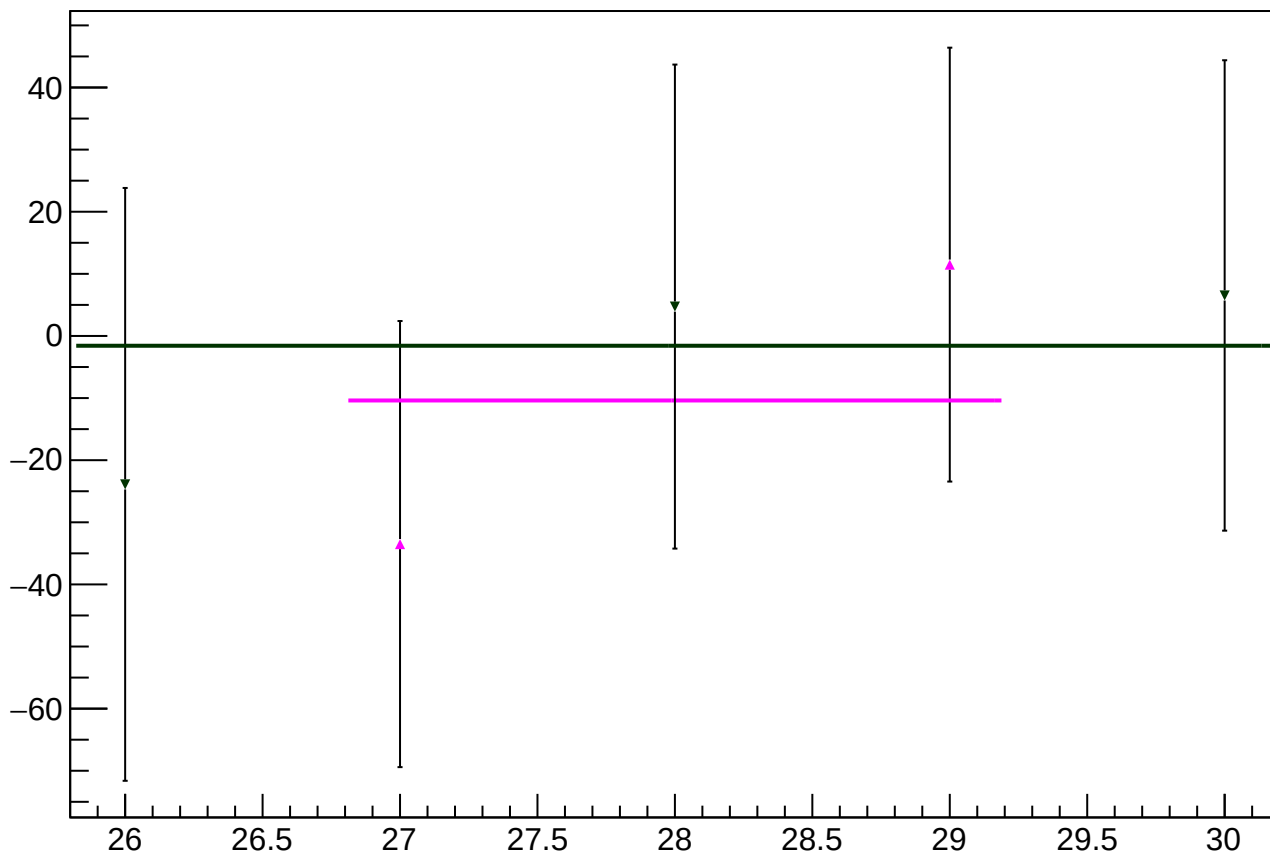
128.016+/-0.068 χ^2/NDF : 6136.8/2

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

124.646+/-0.069 χ^2/NDF : 1297.3/1

Left In: 124.646+/-0.069 χ^2/NDF : 1297.3/1

asym_bcm_dg_us_cav4cQ_agg_dd_mean vs slug



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

Left Out: -1.576+/-23.601 χ^2/NDF : 0.3/2

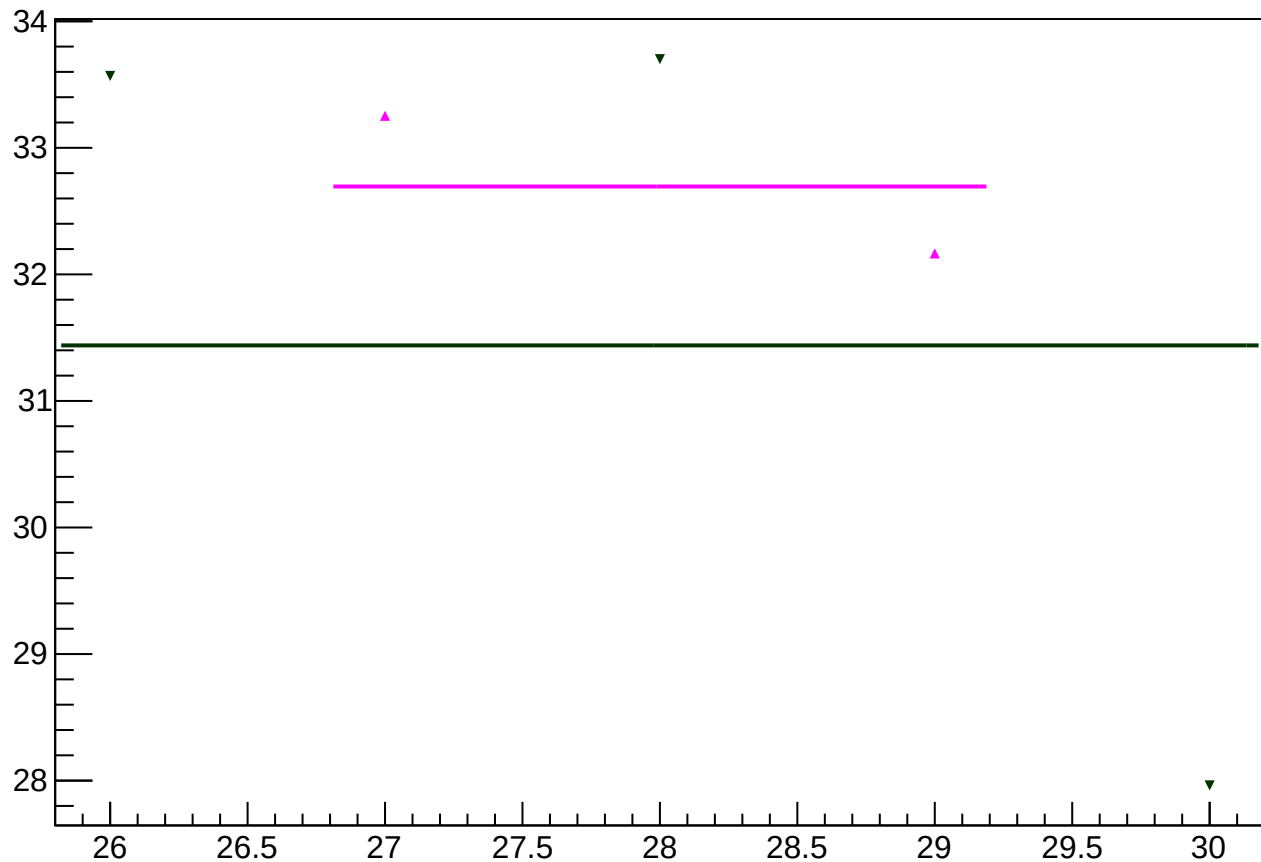
-1.576+/-23.601 χ^2/NDF : 0.3/2

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

-10.386+/-25.038 χ^2/NDF : 0.8/1

Left In: -10.386+/-25.038 χ^2/NDF : 0.8/1

asym_bcm_dg_us_cav4cQ_agg_dd_rms vs slug



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

Left Out: 31.439+/-0.017 χ^2/NDF : 27581.7/2

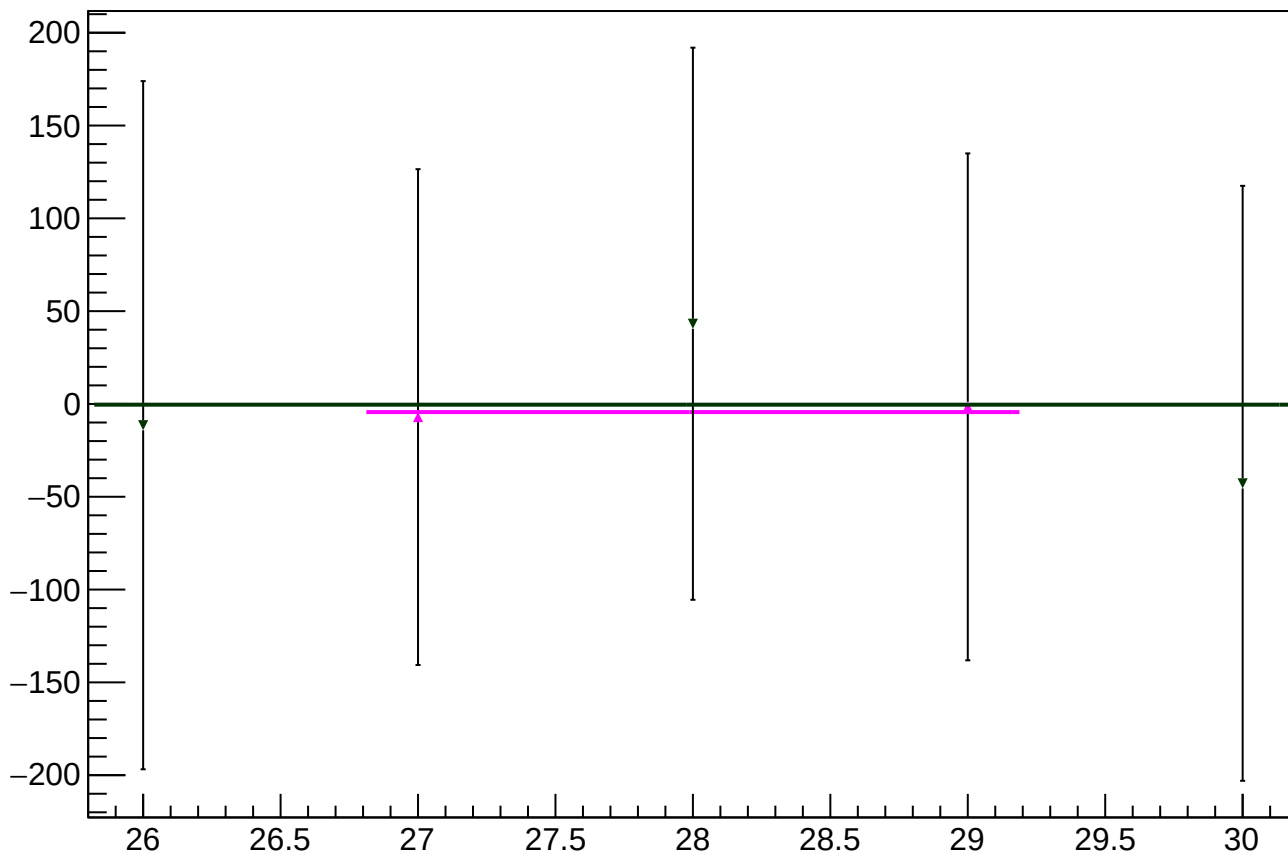
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 32.694+/-0.018 χ^2/NDF : 942.4/1

31.439+/-0.017 χ^2/NDF : 27581.7/2

32.694+/-0.018 χ^2/NDF : 942.4/1

asym_bcm_dg_ds_cav4cQ_agg_avg_mean vs slug



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

Left Out: -0.387+/-93.972 χ^2/NDF : 0.2/2

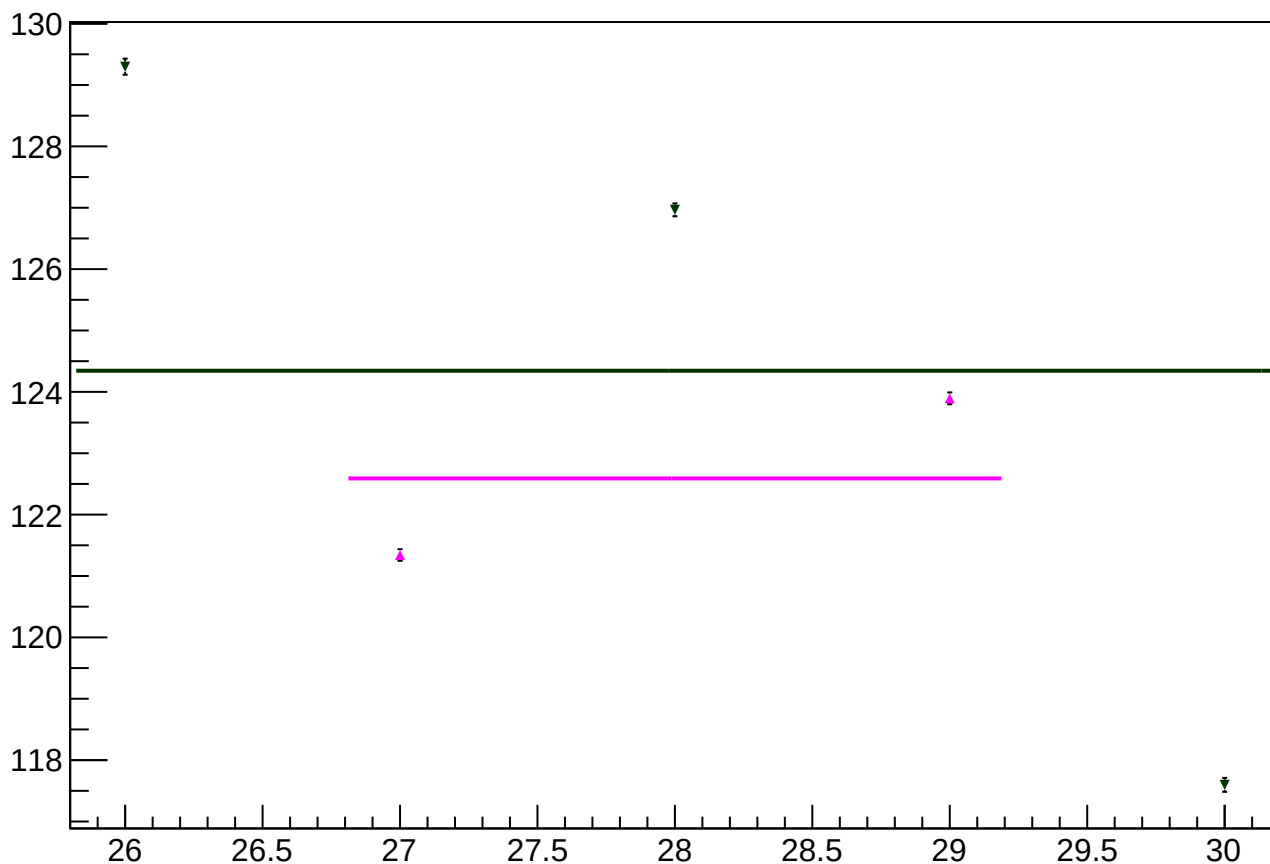
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.381+/-95.480 χ^2/NDF : 0.0/1

-0.387+/-93.972 χ^2/NDF : 0.2/2

-4.381+/-95.480 χ^2/NDF : 0.0/1

asym_bcm_dg_ds_cav4cQ_agg_avg_rms vs slug



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

Left Out: 124.344+/-0.066 χ^2/NDF : 5594.0/2

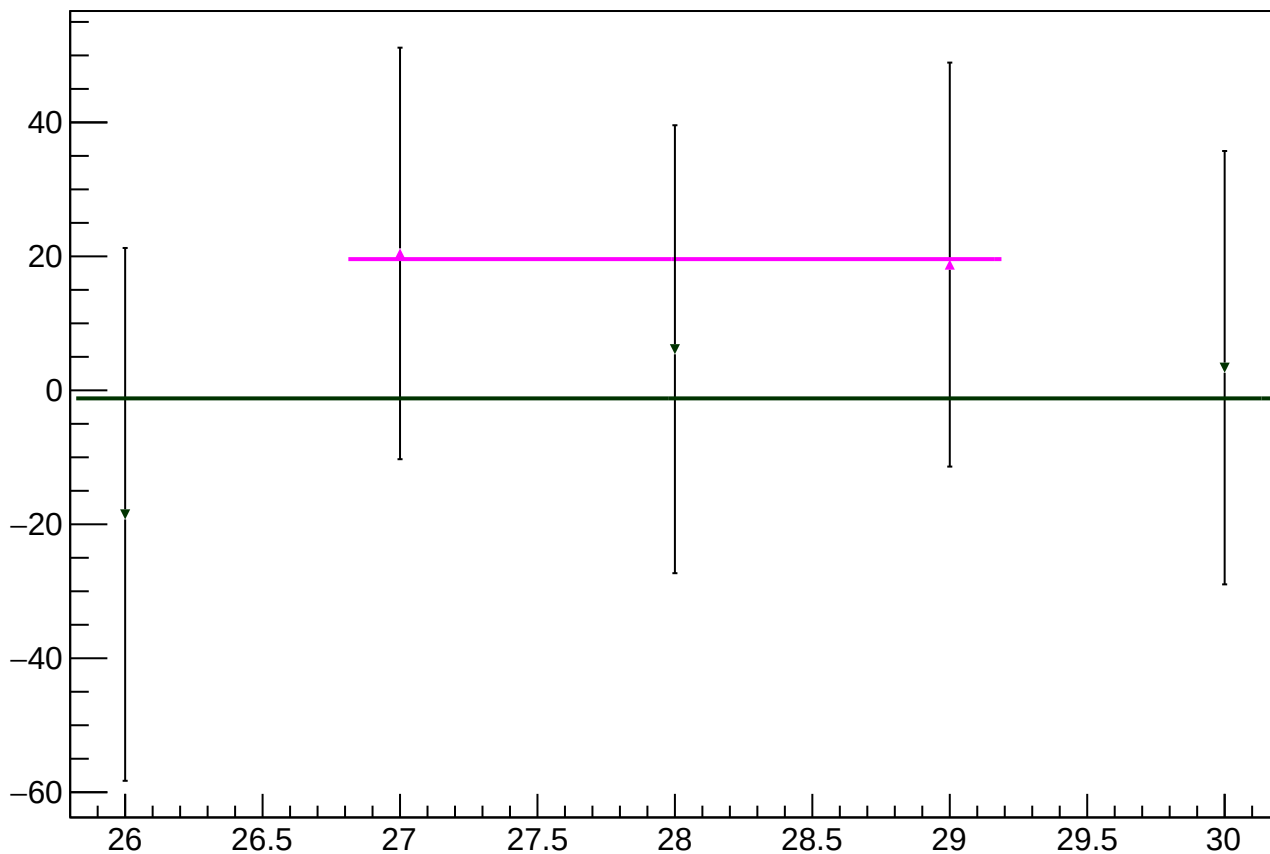
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 122.590+/-0.068 χ^2/NDF : 357.2/1

124.344+/-0.066 χ^2/NDF : 5594.0/2

122.590+/-0.068 χ^2/NDF : 357.2/1

asym_bcm_dg_ds_cav4cQ_agg_dd_mean vs slug



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

Left Out: -1.203 $\pm$ 20.072 χ^2 /NDF: 0.3/2

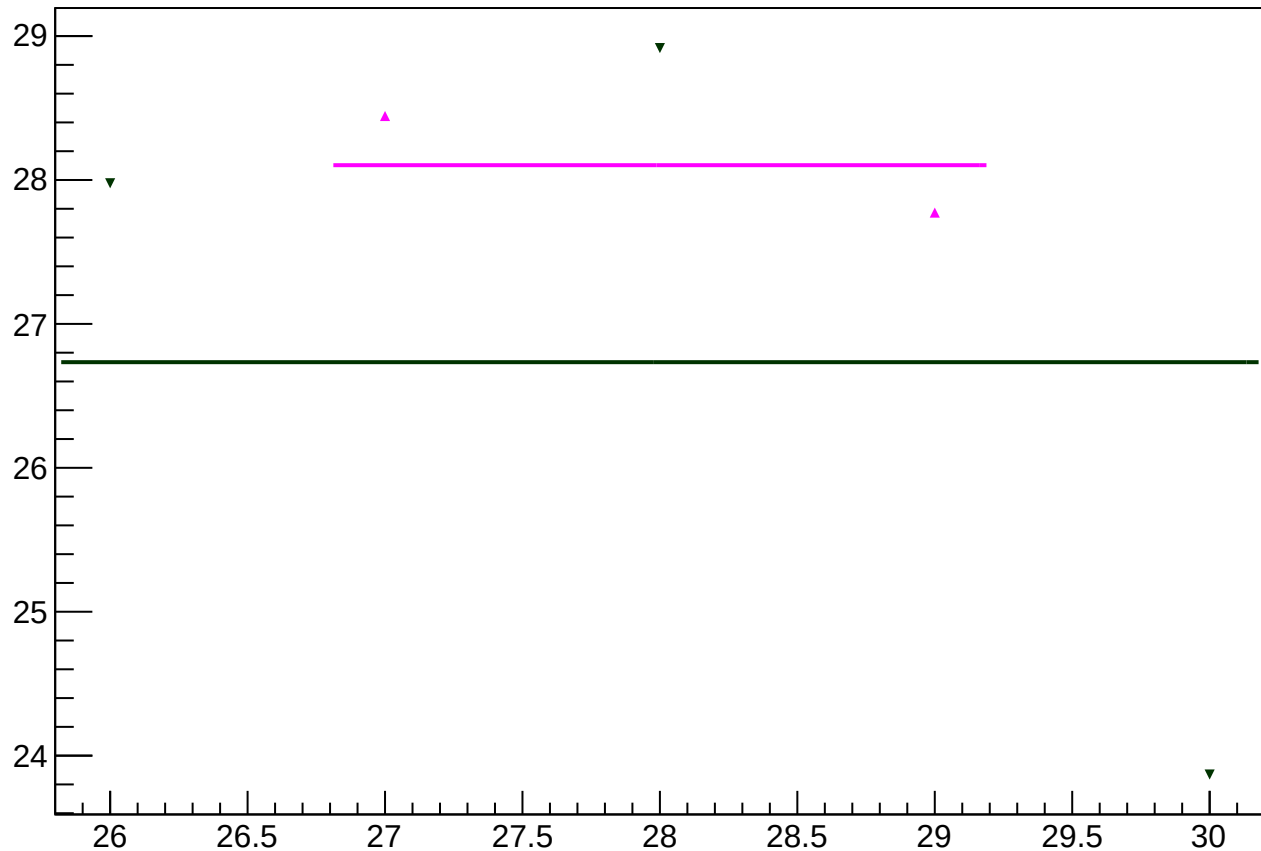
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 19.589 $\pm$ 21.520 χ^2 /NDF: 0.0/1

-1.203 $\pm$ 20.072 χ^2 /NDF: 0.3/2

19.589 $\pm$ 21.520 χ^2 /NDF: 0.0/1

asym_bcm_dg_ds_cav4cQ_agg_dd_rms vs slug



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

Left Out: 26.734+/-0.014 χ^2/NDF : 26164.2/2

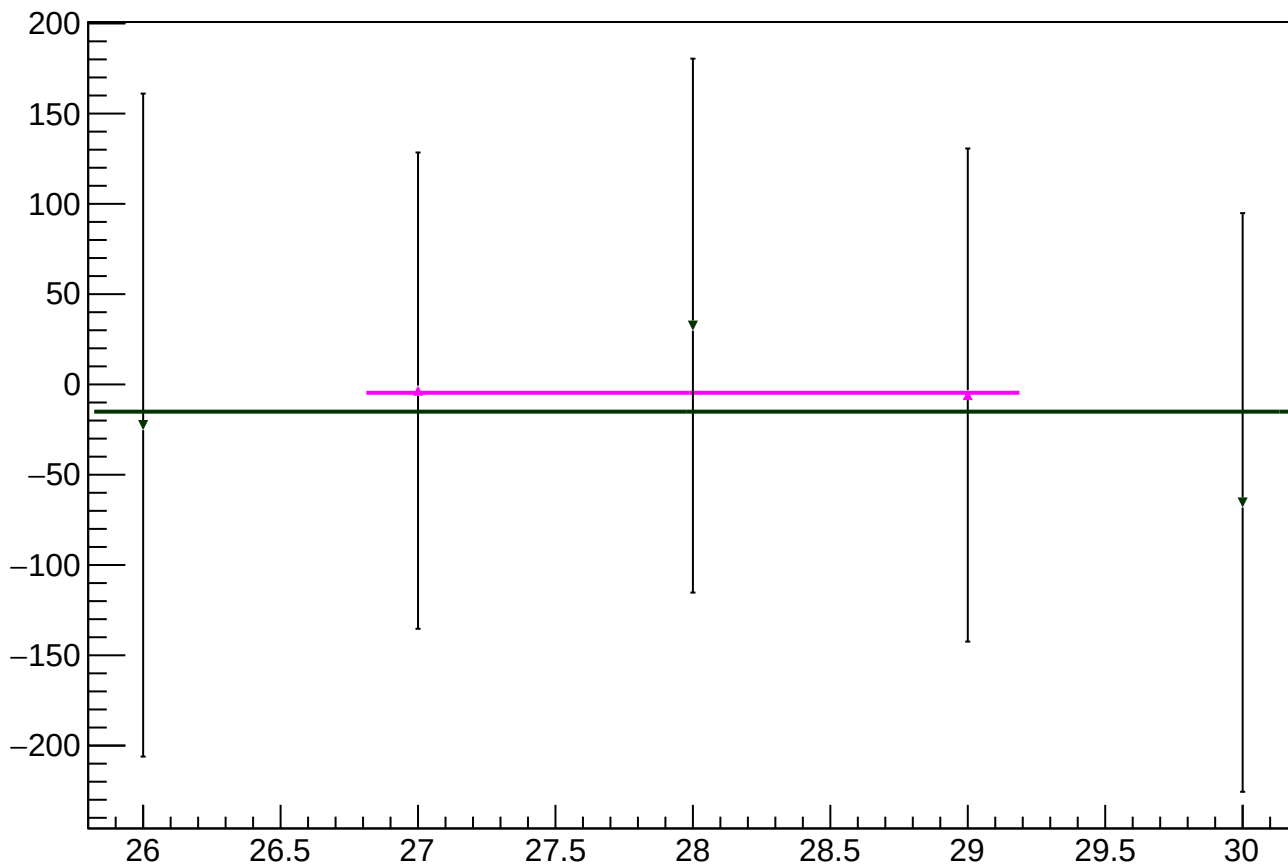
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 28.103+/-0.015 χ^2/NDF : 486.2/1

26.734+/-0.014 χ^2/NDF : 26164.2/2

28.103+/-0.015 χ^2/NDF : 486.2/1

asym_bcm_an_us_cav4cQ_agg_avg_mean vs slug



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

Left Out: -15.070+/-93.504 χ^2/NDF : 0.2/2

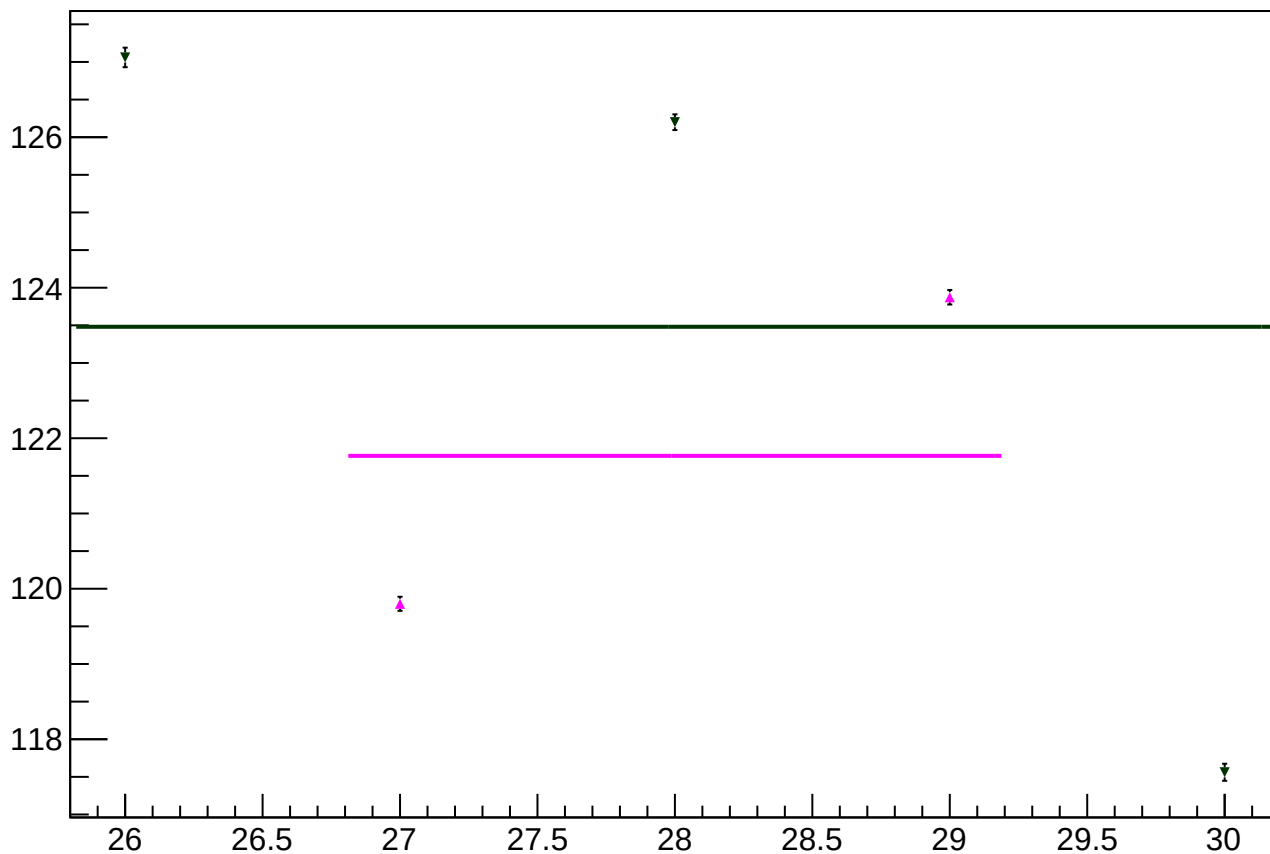
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.611+/-94.857 χ^2/NDF : 0.0/1

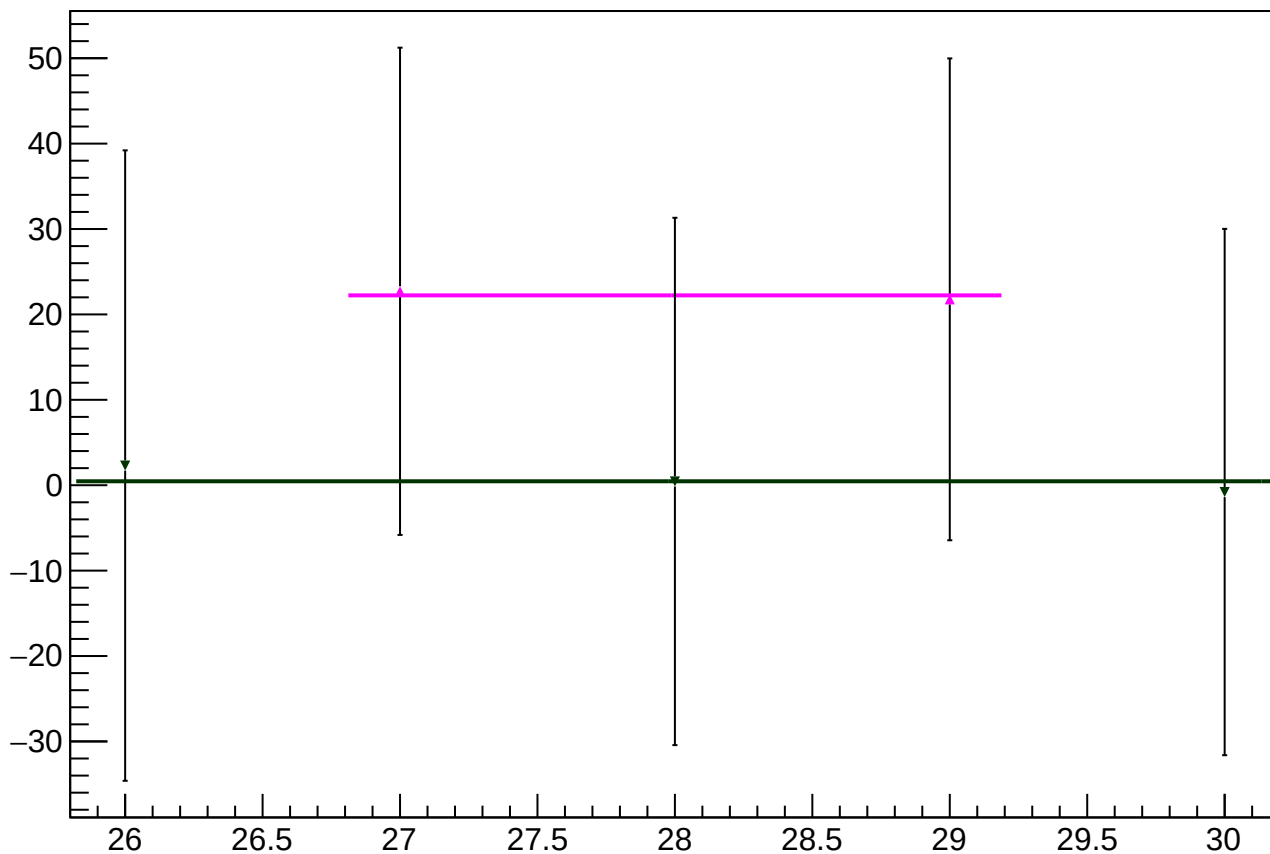
-15.070+/-93.504 χ^2/NDF : 0.2/2

-4.611+/-94.857 χ^2/NDF : 0.0/1

asym_bcm_an_us_cav4cQ_agg_avg_rms vs slug



asym_bcm_an_us_cav4cQ_agg_dd_mean vs slug



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

Left Out: 0.462+/-18.777 χ^2/NDF : 0.0/2

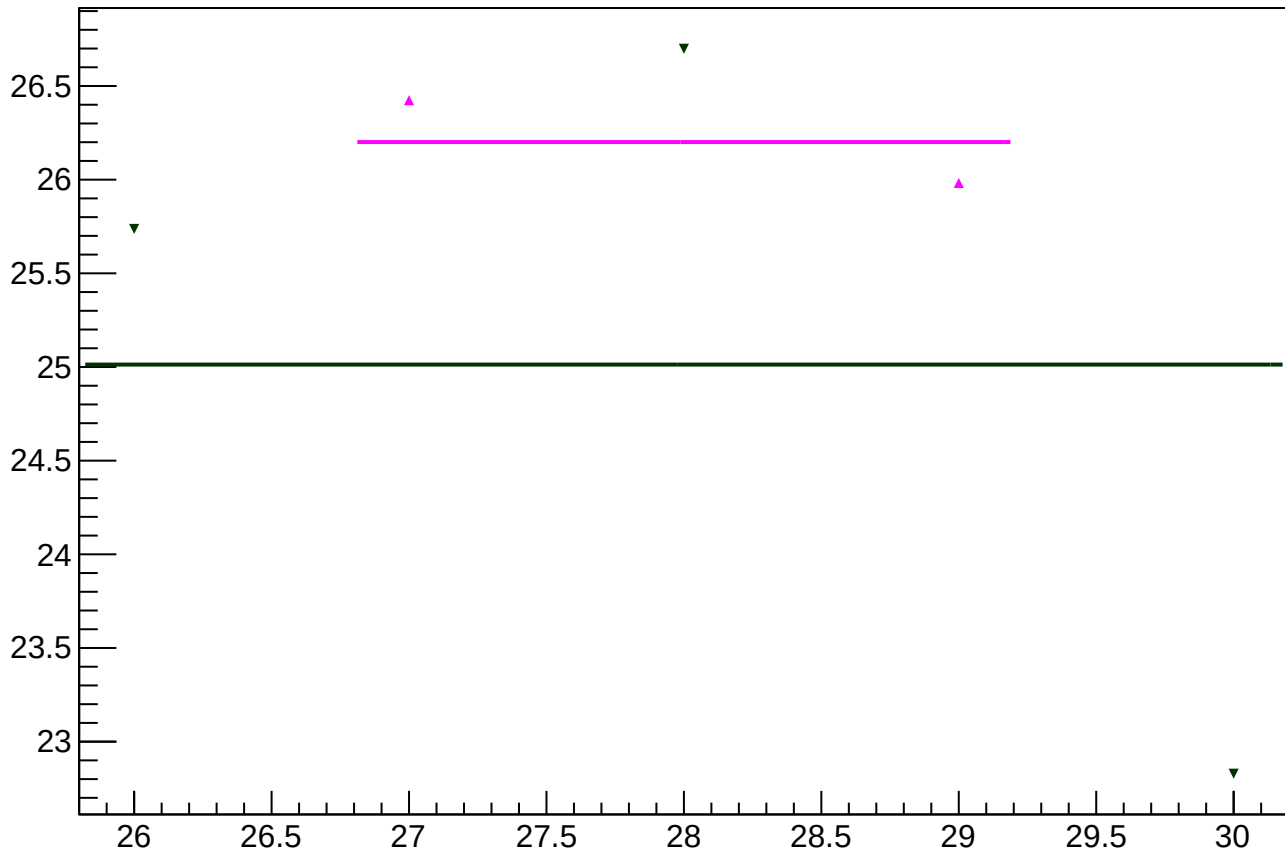
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 22.231+/-20.059 χ^2/NDF : 0.0/1

0.462+/-18.777 χ^2/NDF : 0.0/2

22.231+/-20.059 χ^2/NDF : 0.0/1

asym_bcm_an_us_cav4cQ_agg_dd_rms vs slug



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

Left Out: 25.013+/-0.013 χ^2/NDF : 16781.2/2

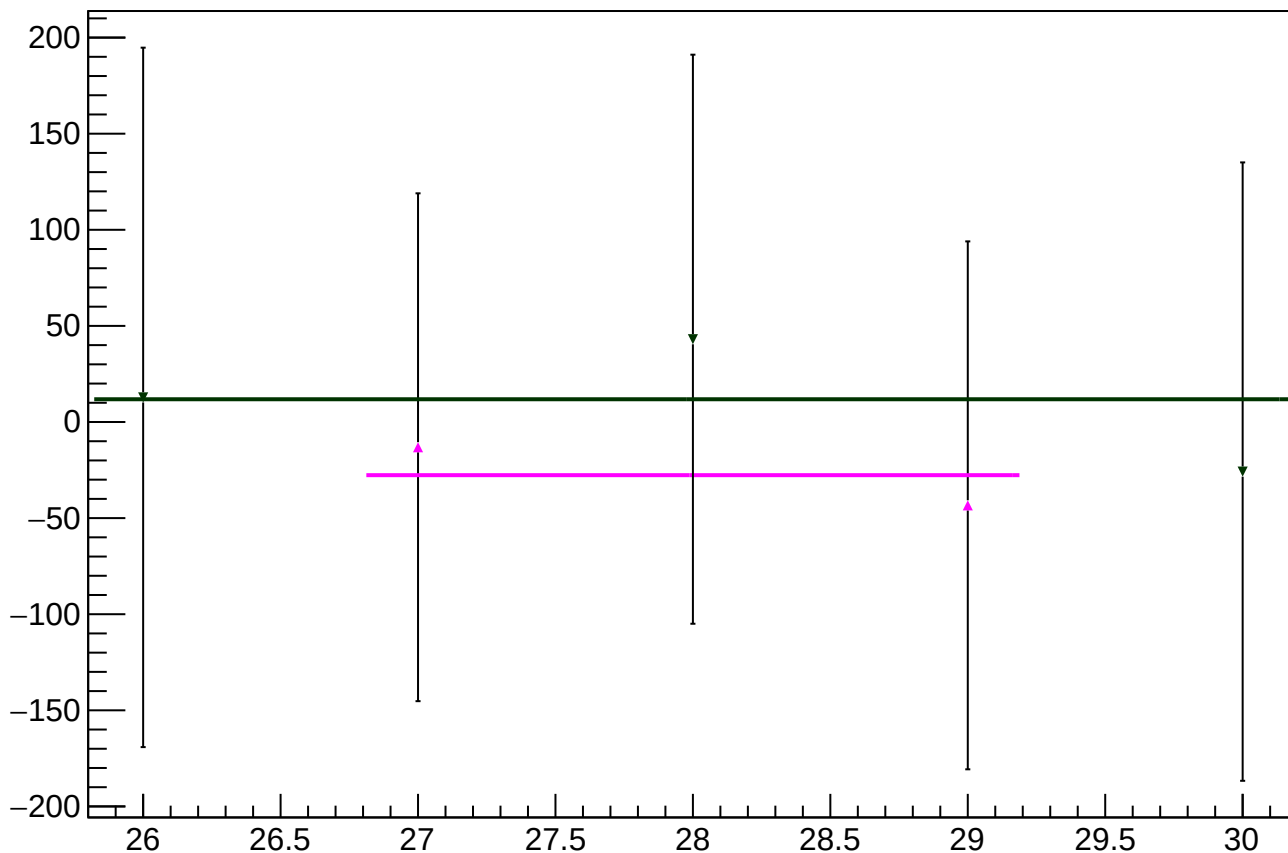
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 26.201+/-0.014 χ^2/NDF : 242.2/1

25.013+/-0.013 χ^2/NDF : 16781.2/2

26.201+/-0.014 χ^2/NDF : 242.2/1

asym_bcm_an_ds_cav4cQ_agg_avg_mean vs slug



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

Left Out: 11.836+/-93.461 χ^2/NDF : 0.1/2

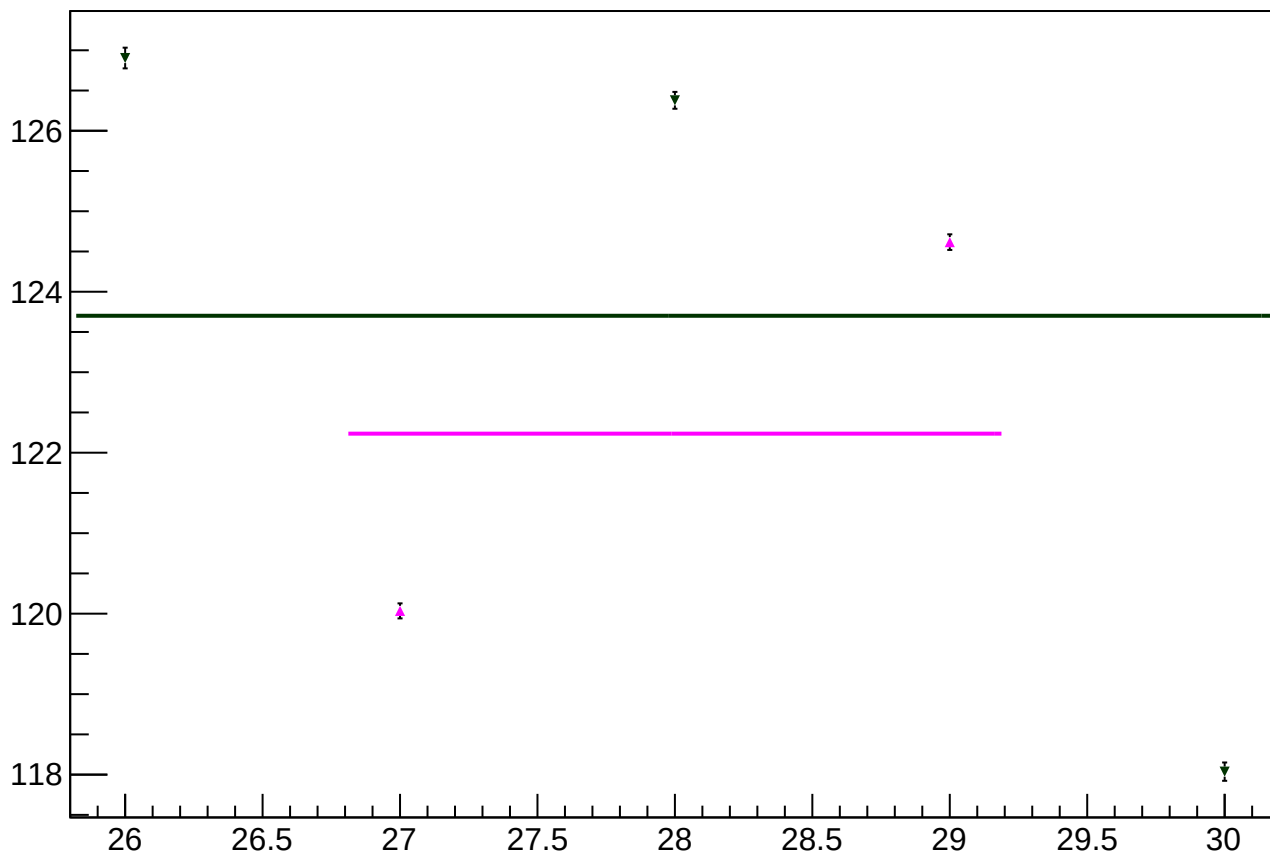
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -27.660+/-95.207 χ^2/NDF : 0.0/1

11.836+/-93.461 χ^2/NDF : 0.1/2

-27.660+/-95.207 χ^2/NDF : 0.0/1

asym_bcm_an_ds_cav4cQ_agg_avg_rms vs slug



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

Left Out: 123.701+/-0.066 χ^2/NDF : 3753.2/2

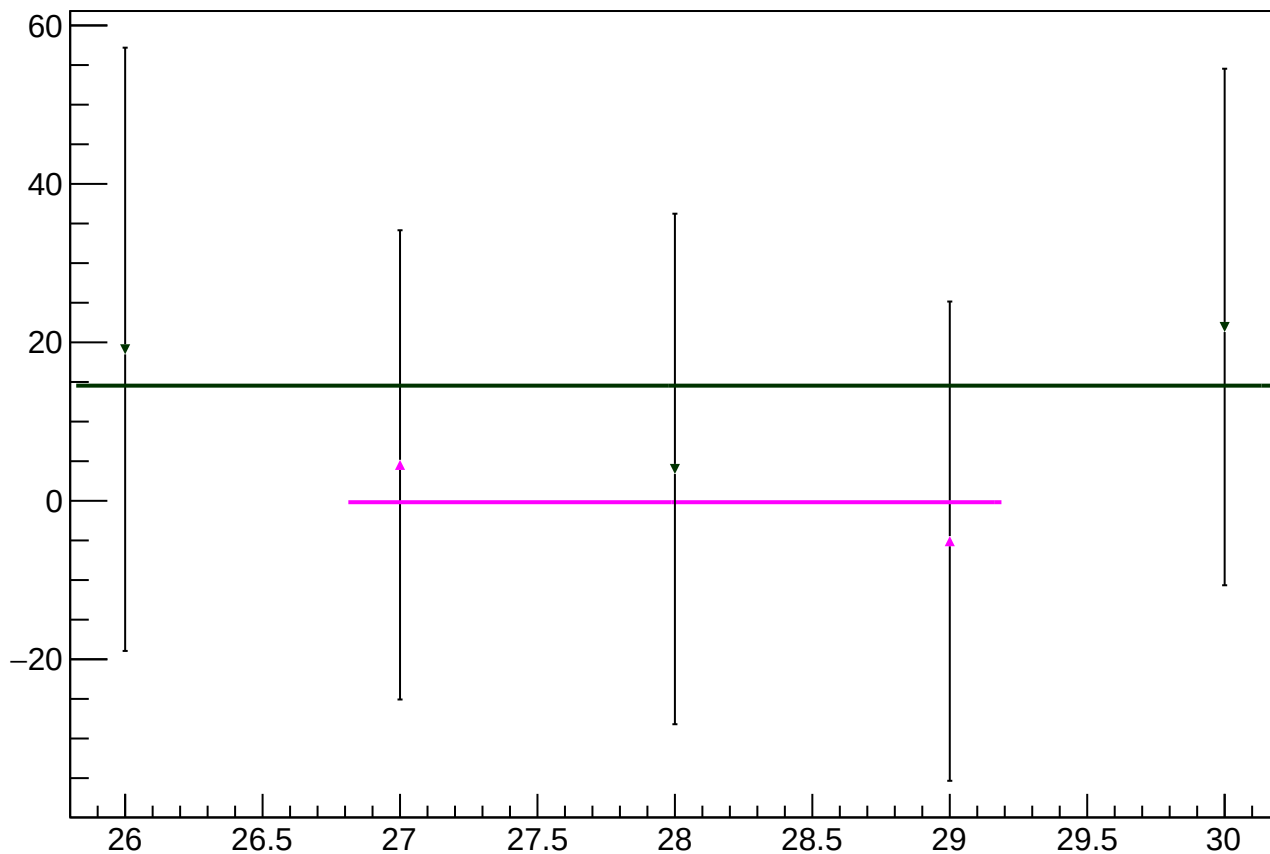
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 122.237+/-0.067 χ^2/NDF : 1156.2/1

123.701+/-0.066 χ^2/NDF : 3753.2/2

122.237+/-0.067 χ^2/NDF : 1156.2/1

asym_bcm_an_ds_cav4cQ_agg_dd_mean vs slug



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

Left Out: 14.537+/-19.632 χ^2/NDF : 0.2/2

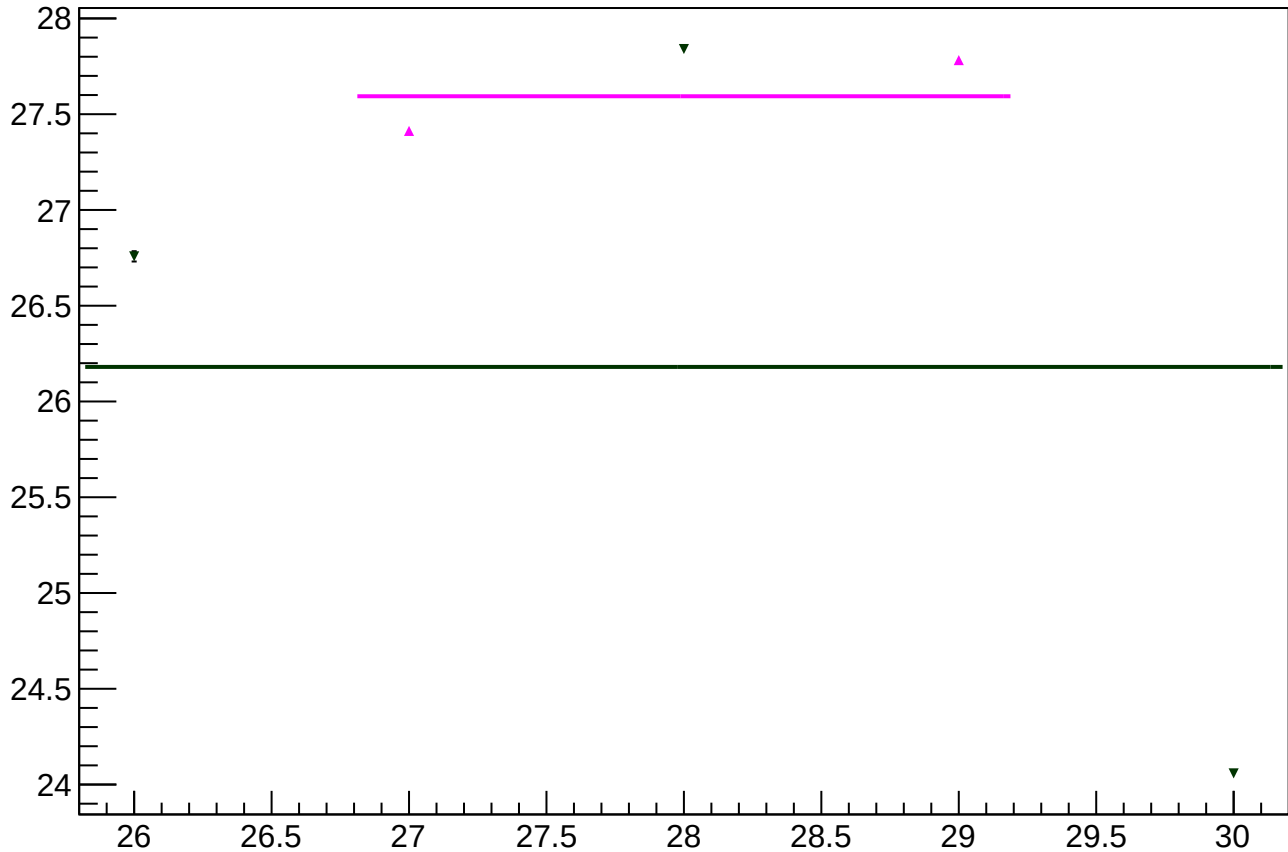
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -0.176+/-21.159 χ^2/NDF : 0.1/1

14.537+/-19.632 χ^2/NDF : 0.2/2

-0.176+/-21.159 χ^2/NDF : 0.1/1

asym_bcm_an_ds_cav4cQ_agg_dd_rms vs slug



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

Left Out: 26.180+/-0.014 χ^2/NDF :14245.2/2

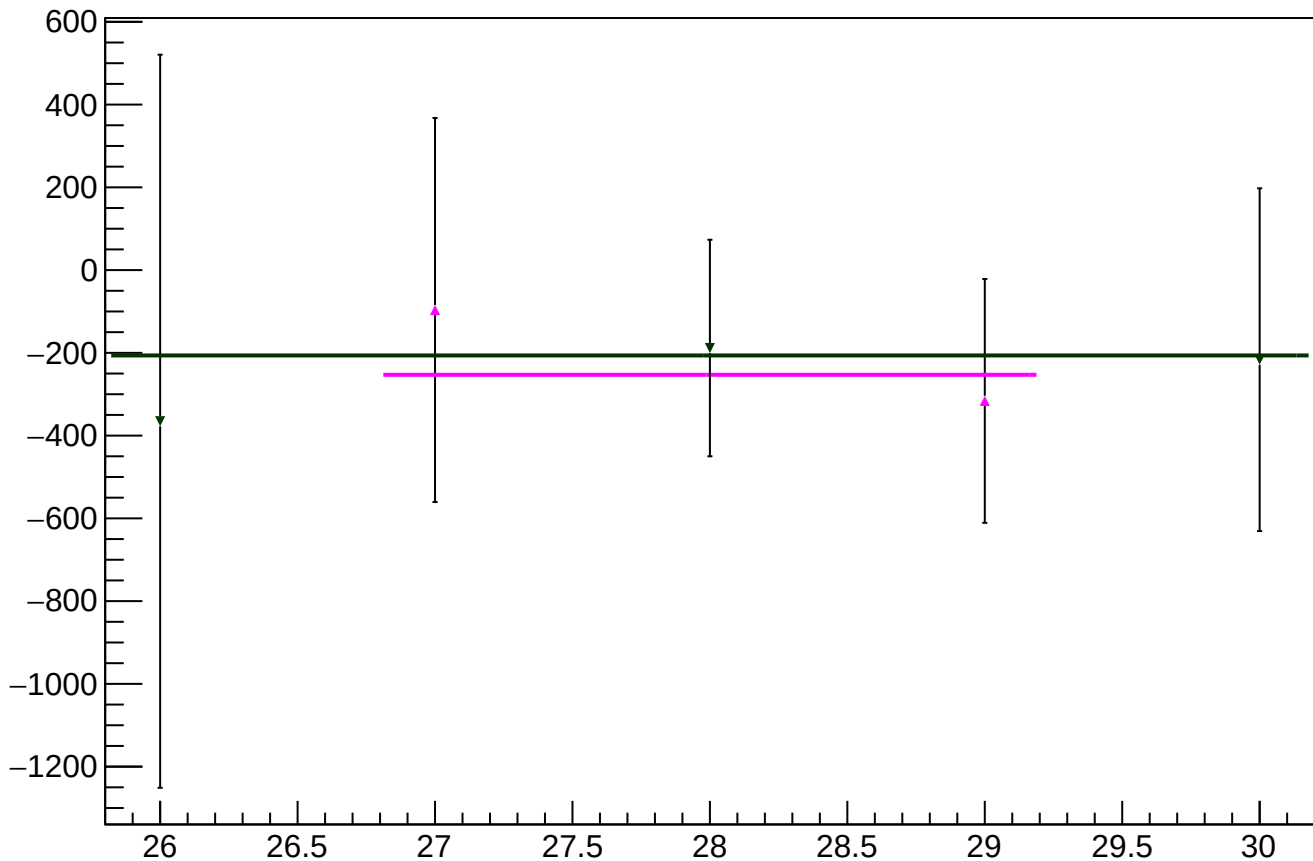
26.180+/-0.014 χ^2/NDF : 14245.2/2

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

27.594+/-0.015 χ^2/NDF : 152.5/1

Left In: 27.594+/-0.015 χ^2/NDF :152.5/1

asym_sam_15_avg_mean vs slug



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

Left Out: -206.282+/-214.639 χ^2/NDF : 0.0/2

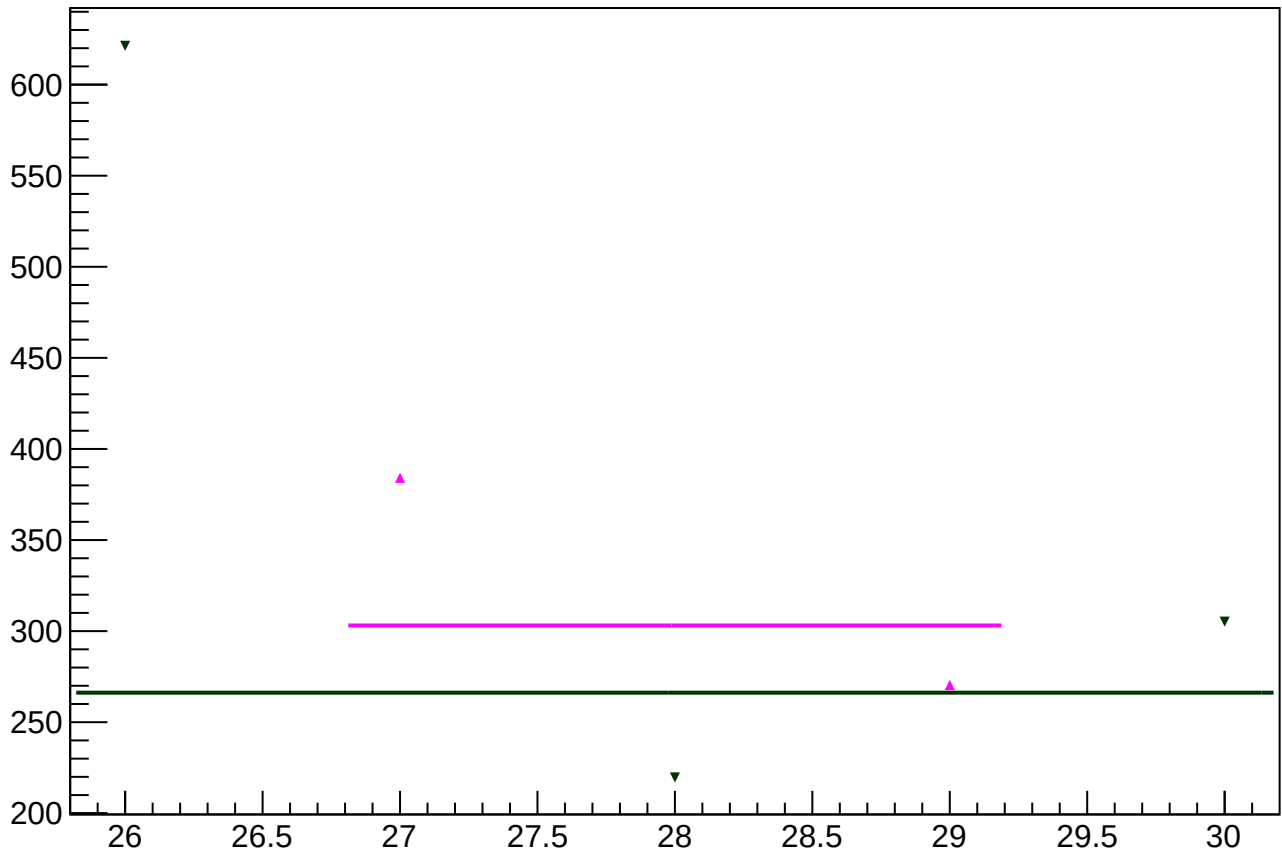
-206.282+/-214.639 χ^2/NDF : 0.0/2

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

-253.022+/-248.760 χ^2/NDF : 0.2/1

Left In: -253.022+/-248.760 χ^2/NDF : 0.2/1

asym_sam_15_avg_rms vs slug



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

Left Out: 266.216+/-0.152 χ^2/NDF : 402319.8/2

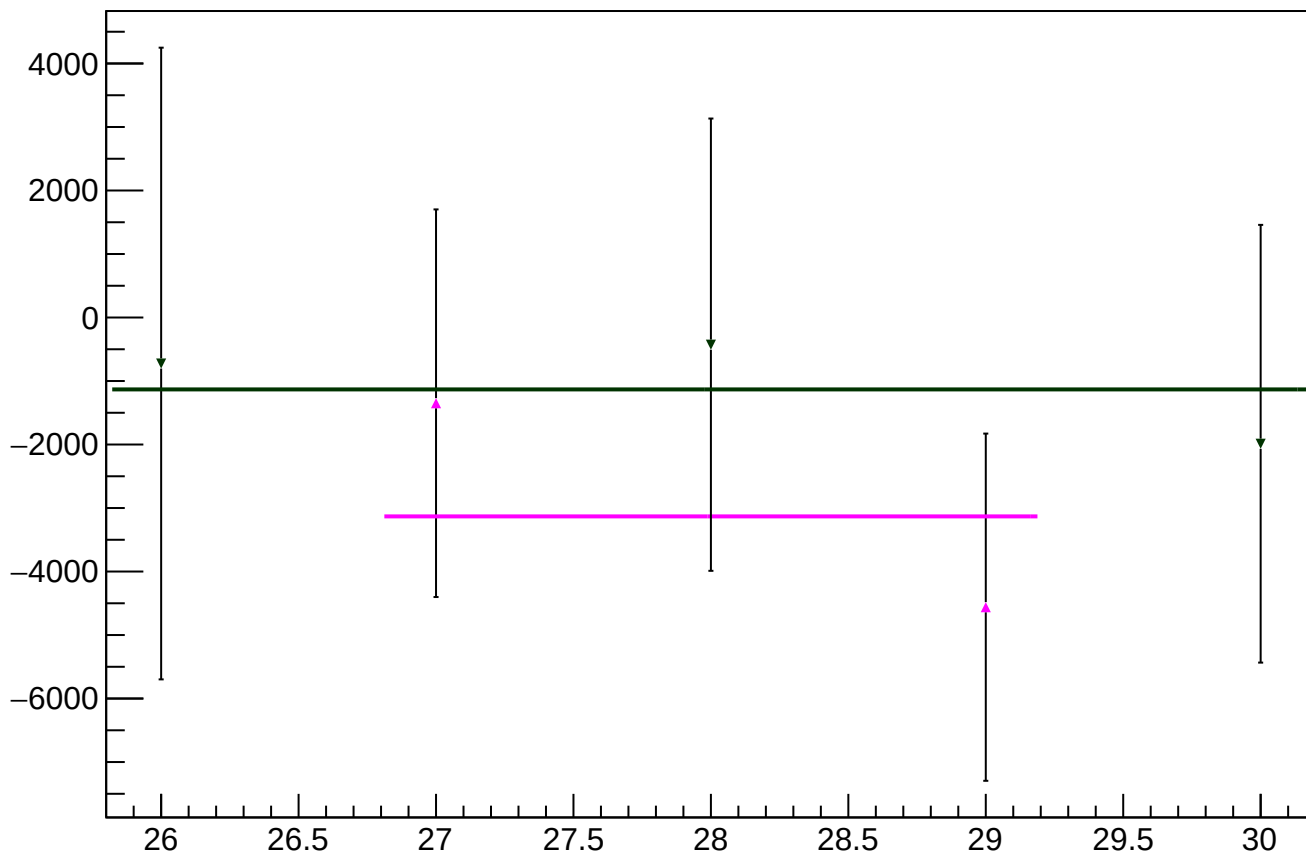
266.216+/-0.152 χ^2/NDF : 402319.8/2

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

303.096+/-0.176 χ^2/NDF : 85645.6/1

Left In: 303.096+/-0.176 χ^2/NDF : 85645.6/1

asym_sam_26_avg_mean vs slug



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

Left Out: -1132.284 $\pm$ 2216.927 χ^2 /NDF:0.1/2

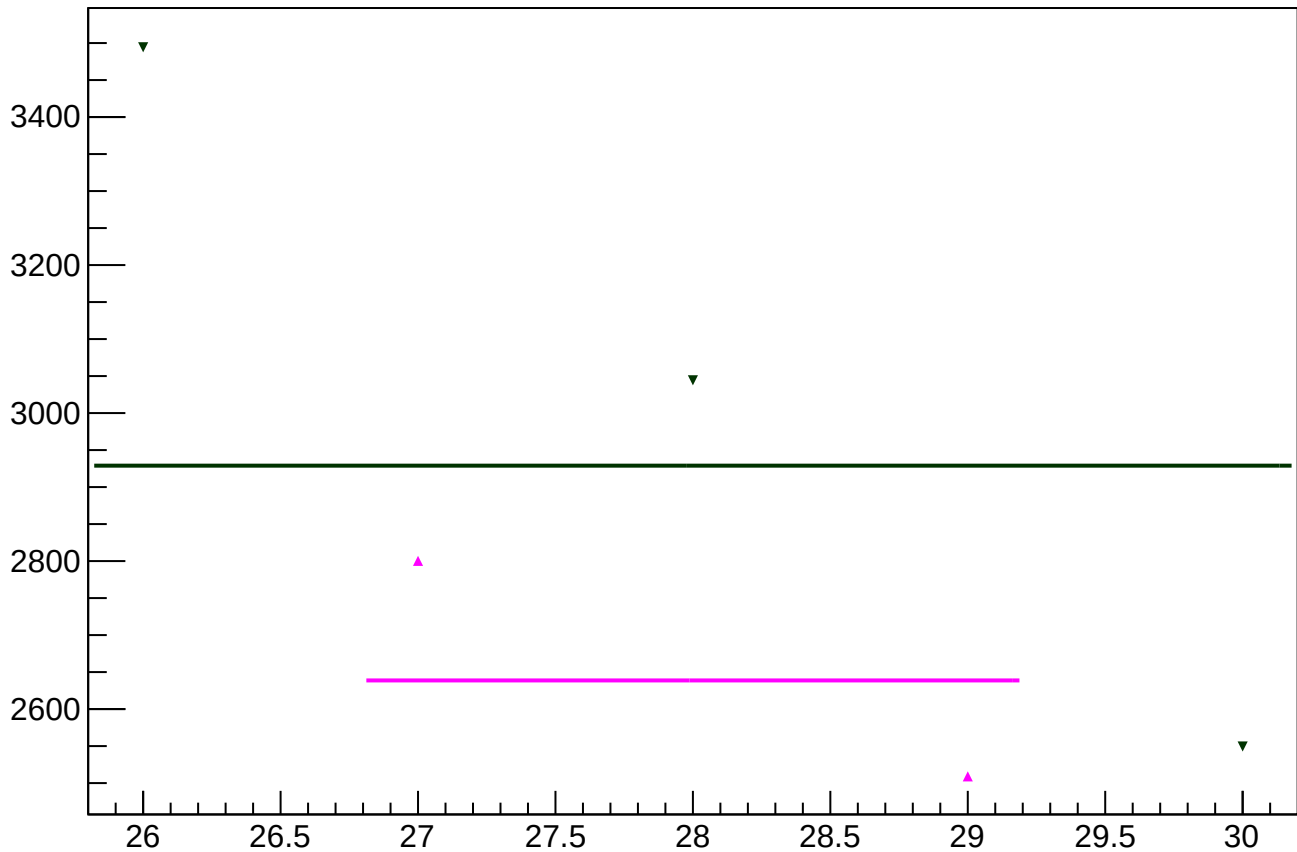
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -3131.785 $\pm$ 2036.270 χ^2 /NDF:0.6/1

-1132.284 $\pm$ 2216.927 χ^2 /NDF: 0.1/2

-3131.785 $\pm$ 2036.270 χ^2 /NDF: 0.6/1

asym_sam_26_avg_rms vs slug



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

Left Out: 2928.938+/-1.568 χ^2/NDF : 52186.8/2

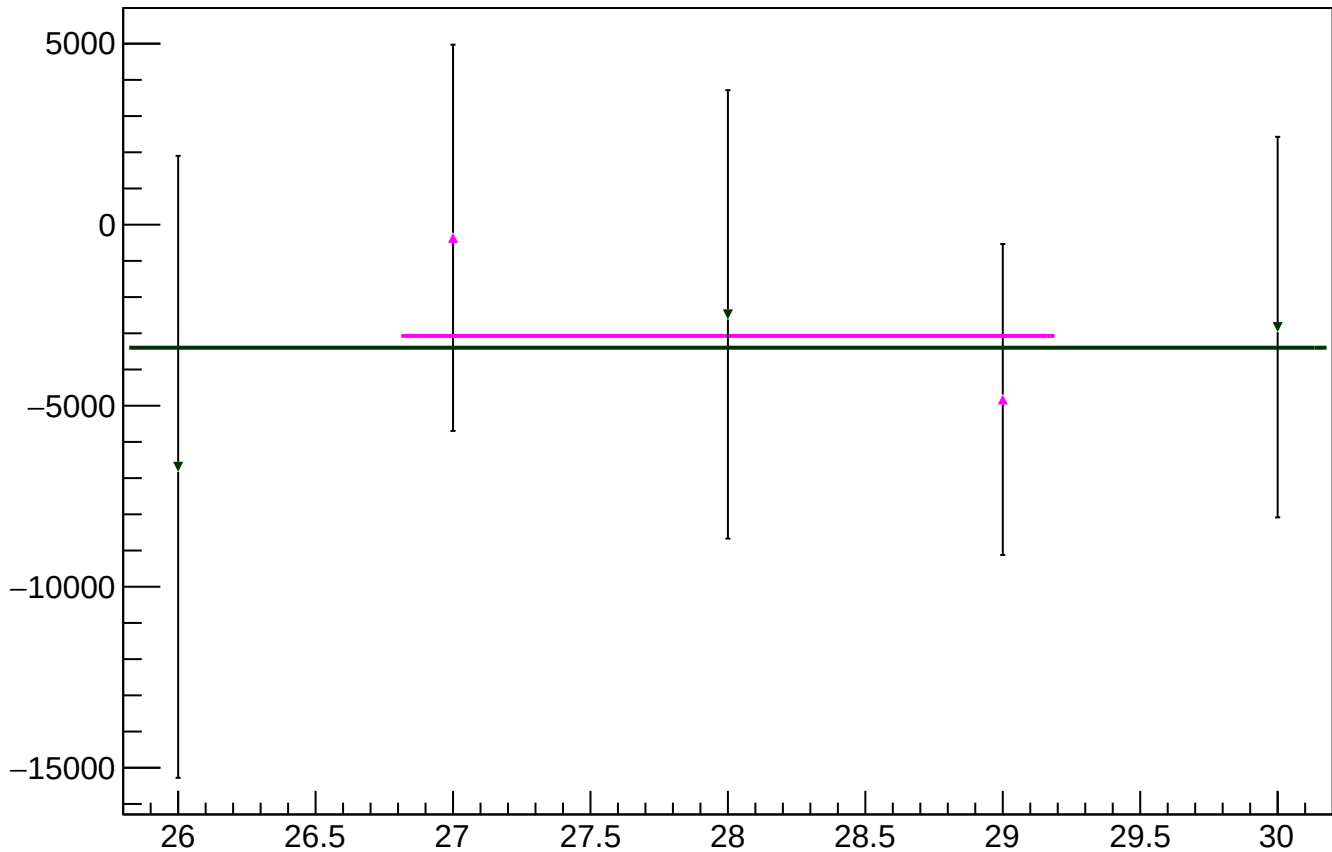
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 2638.716+/-1.440 χ^2/NDF : 10103.4/1

2928.938+/-1.568 χ^2/NDF : 52186.8/2

2638.716+/-1.440 χ^2/NDF : 10103.4/1

asym_sam_37_avg_mean vs slug



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

Left Out: -3398.045+/-3631.448 χ^2/NDF : 0.2/2

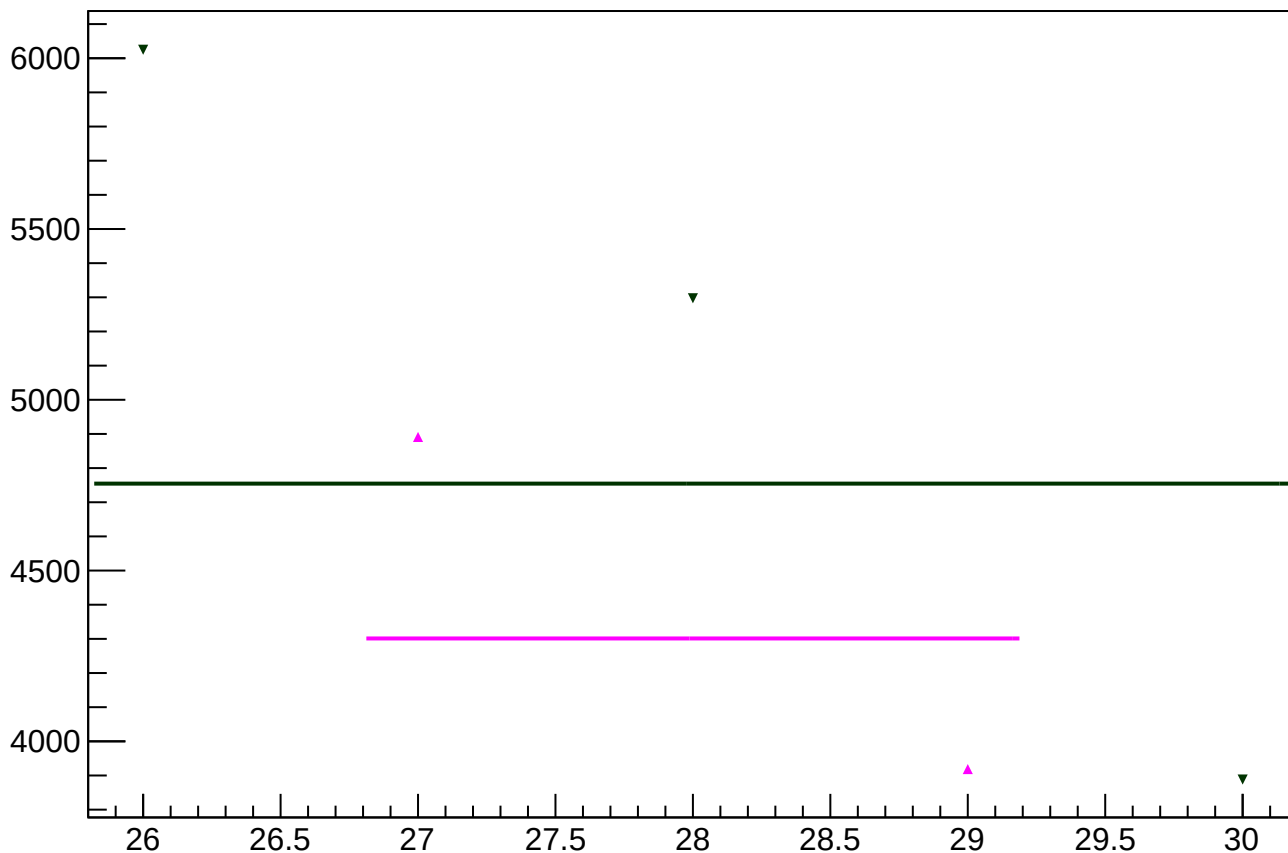
-3398.045+/-3631.448 χ^2/NDF : 0.2/2

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

-3072.171+/-3345.368 χ^2/NDF : 0.4/1

Left In: -3072.171+/-3345.368 χ^2/NDF : 0.4/1

asym_sam_37_avg_rms vs slug



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

Left Out: 4754.551+/-2.568 χ^2/NDF : 113453.3/2

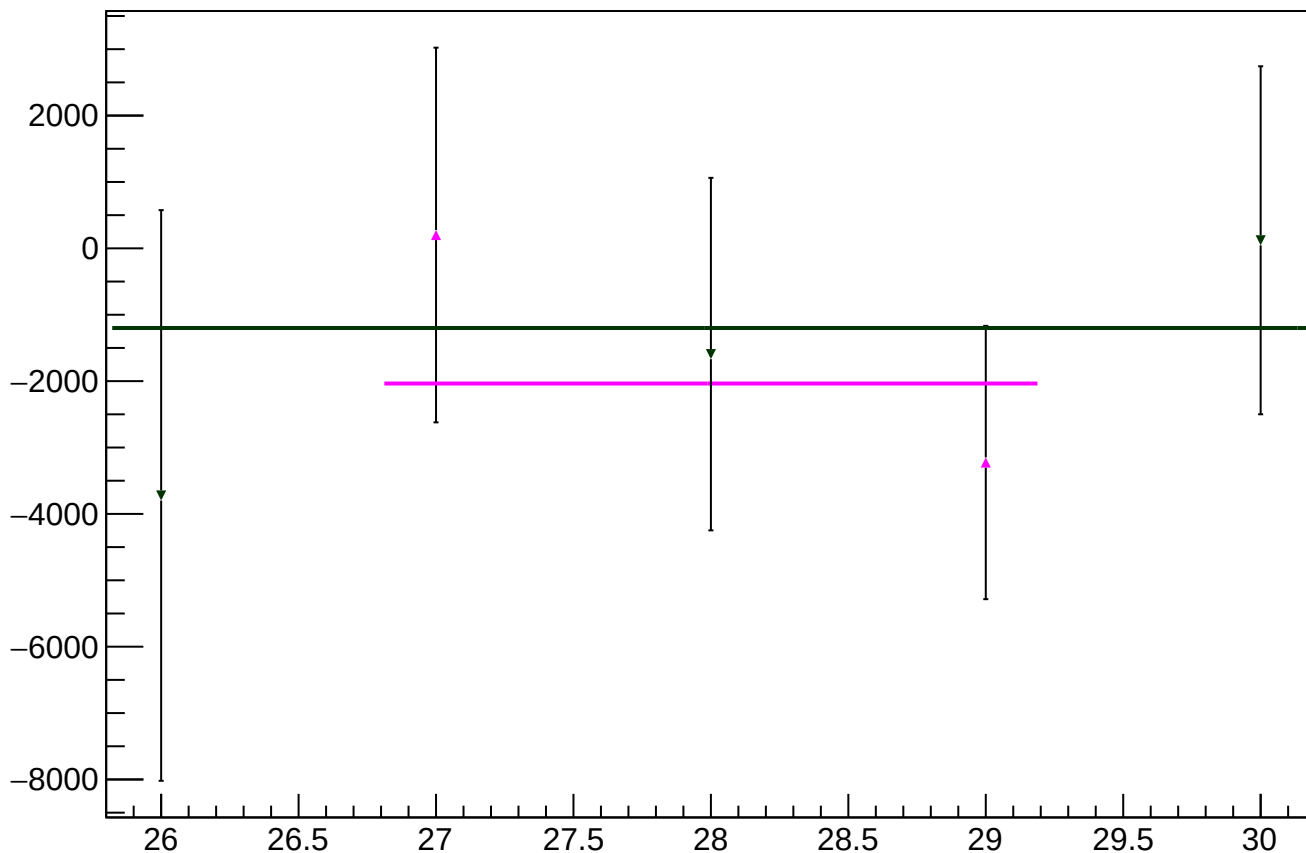
4754.551+/-2.568 χ^2/NDF : 113453.3/2

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

4301.201+/-2.366 χ^2/NDF : 40317.2/1

Left In: 4301.201+/-2.366 χ^2/NDF : 40317.2/1

asym_sam_48_avg_mean vs slug



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

Left Out: -1199.702+/-1711.007 χ^2/NDF : 0.6/2

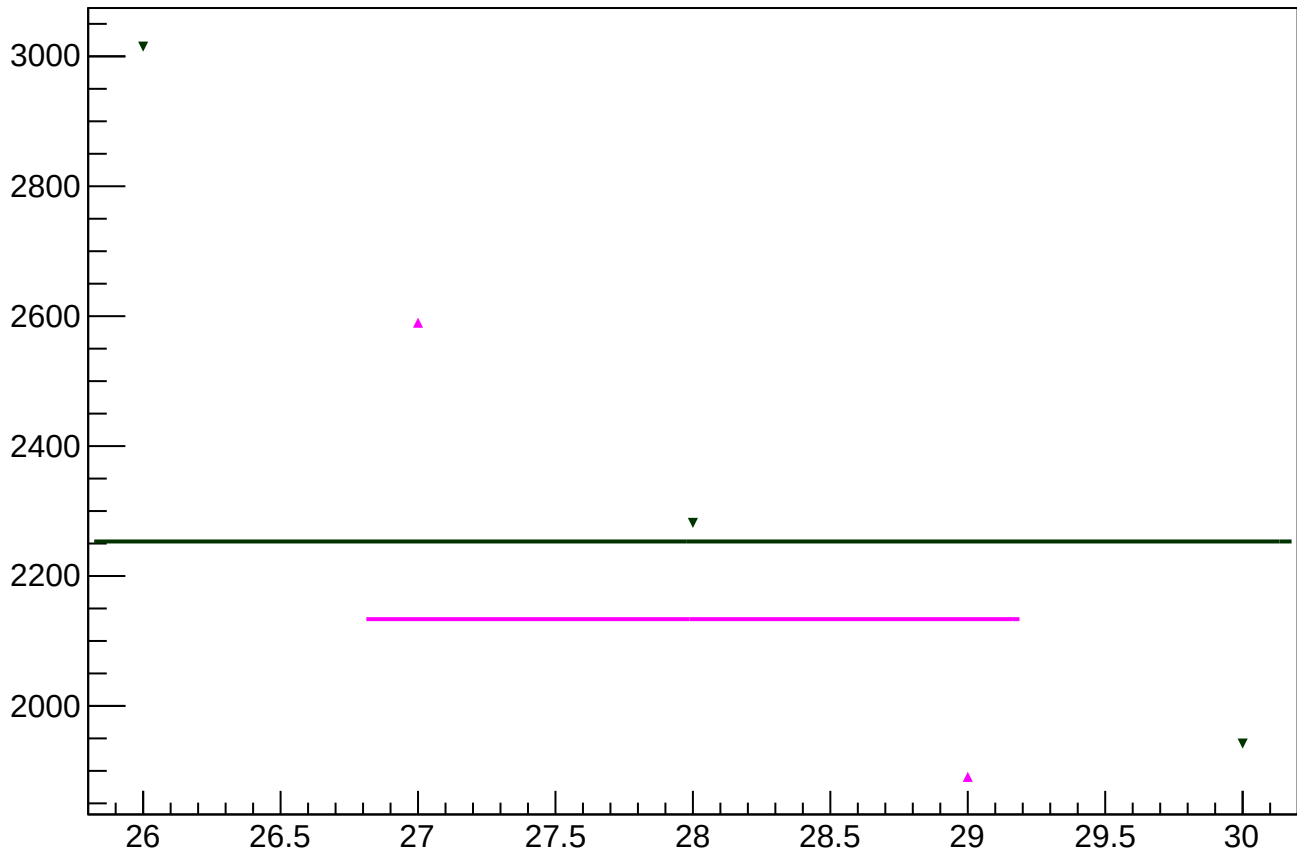
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -2035.823+/-1662.951 χ^2/NDF : 1.0/1

-1199.702+/-1711.007 χ^2/NDF : 0.6/2

-2035.823+/-1662.951 χ^2/NDF : 1.0/1

asym_sam_48_avg_rms vs slug



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

Left Out: 2253.169+/-1.210 χ^2/NDF : 91245.1/2

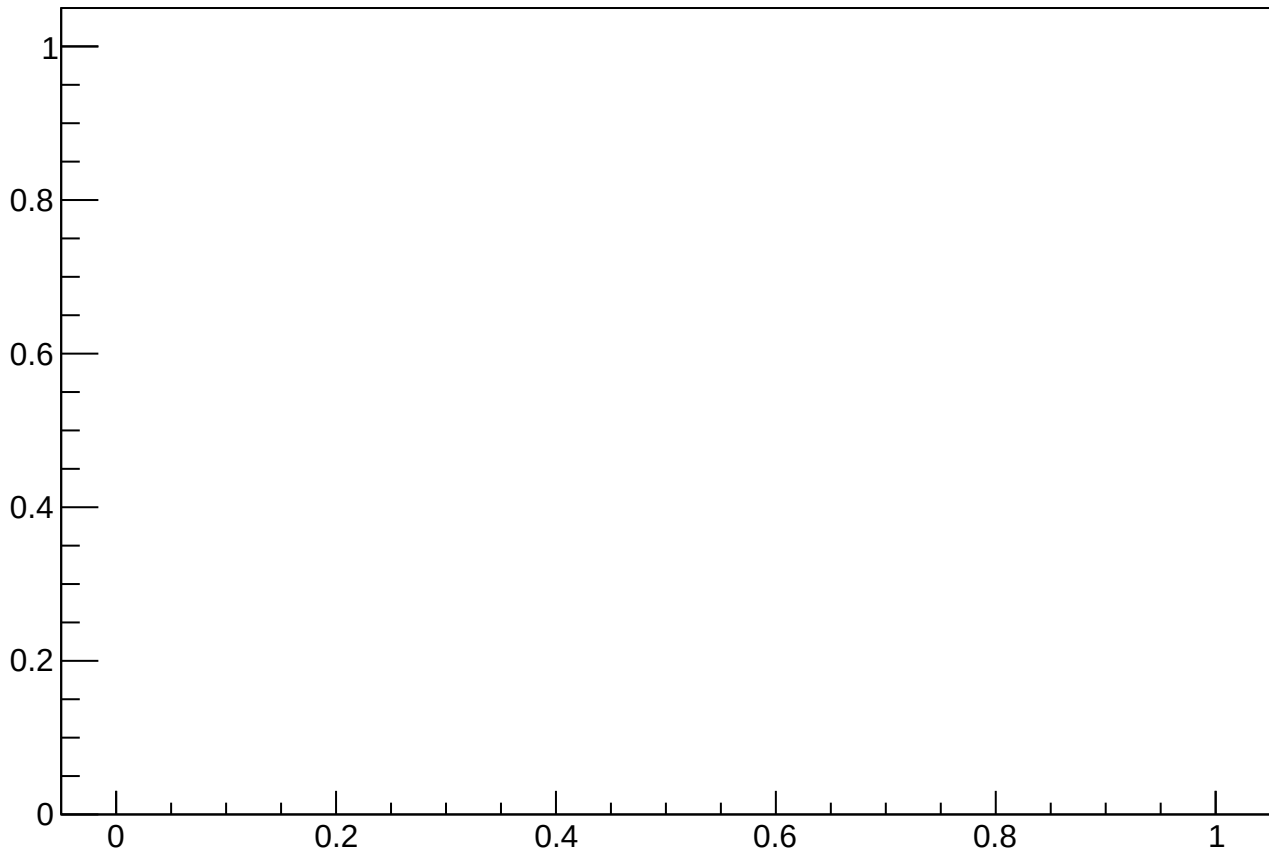
2253.169+/-1.210 χ^2/NDF : 91245.1/2

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

2133.603+/-1.176 χ^2/NDF : 80137.9/1

Left In: 2133.603+/-1.176 χ^2/NDF : 80137.9/1

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

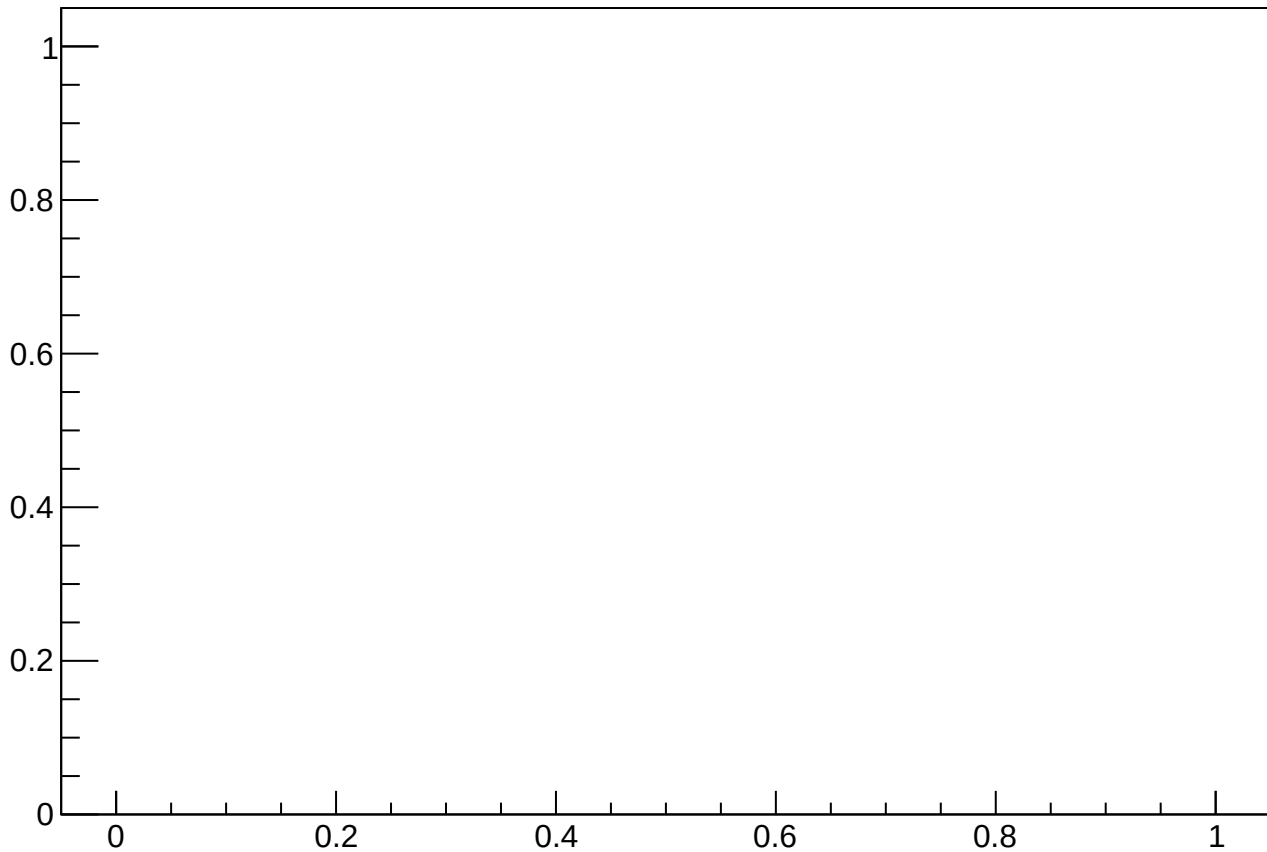
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

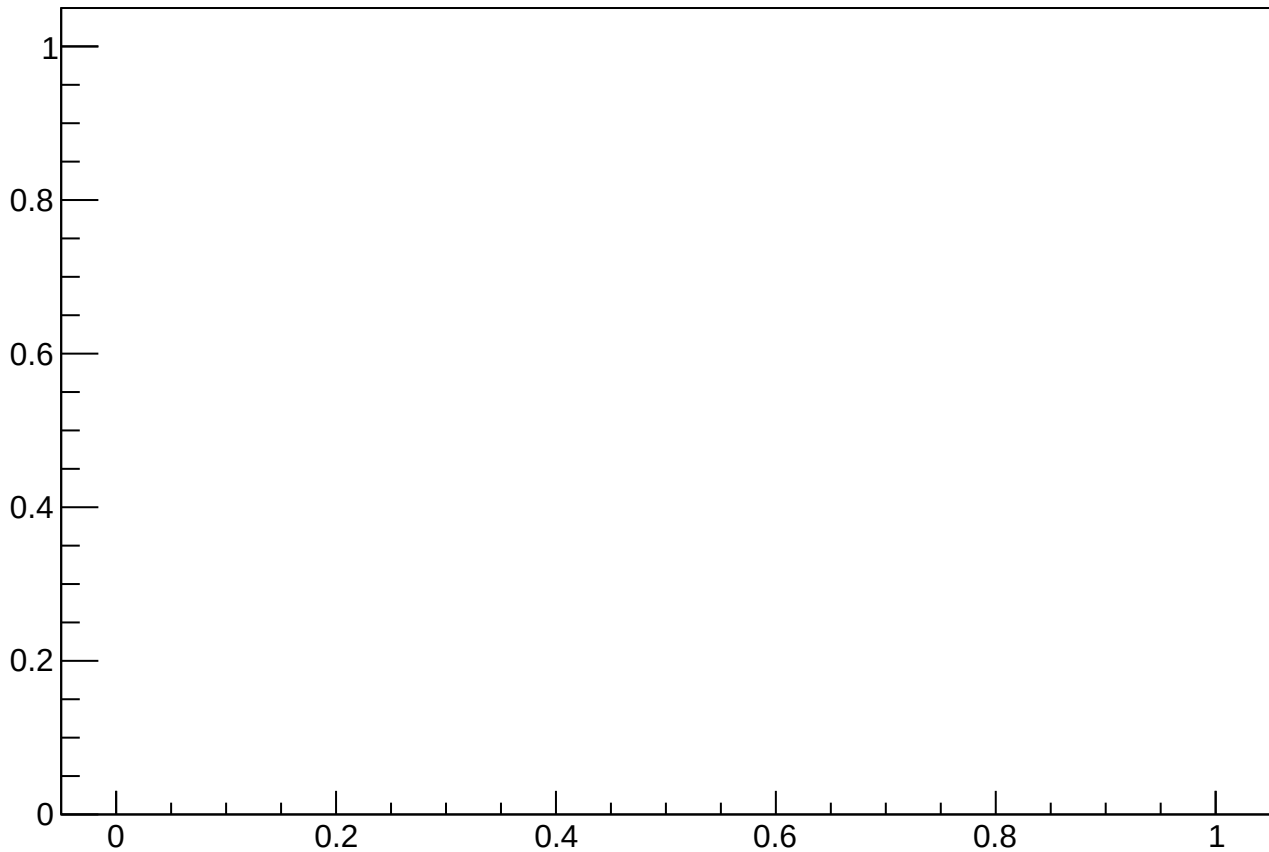
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_26_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

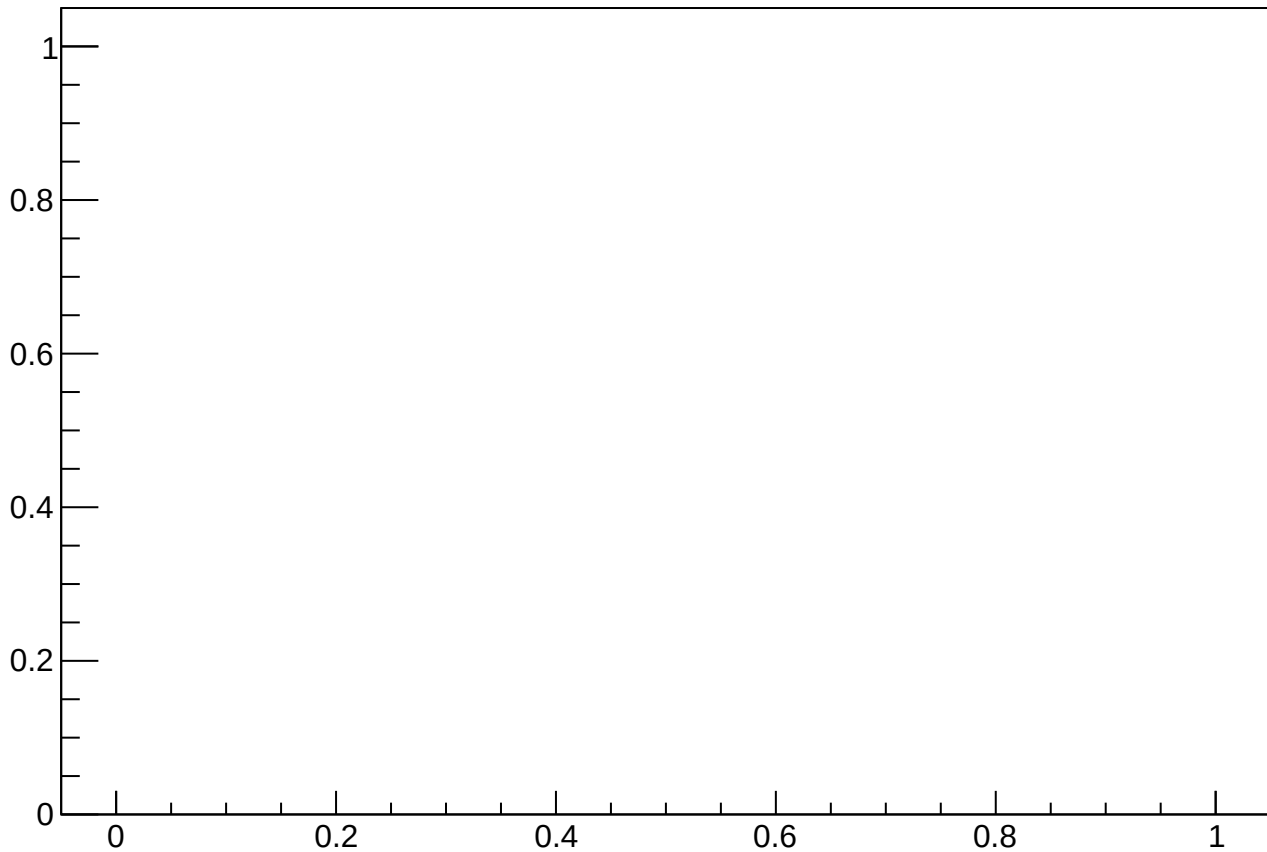
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

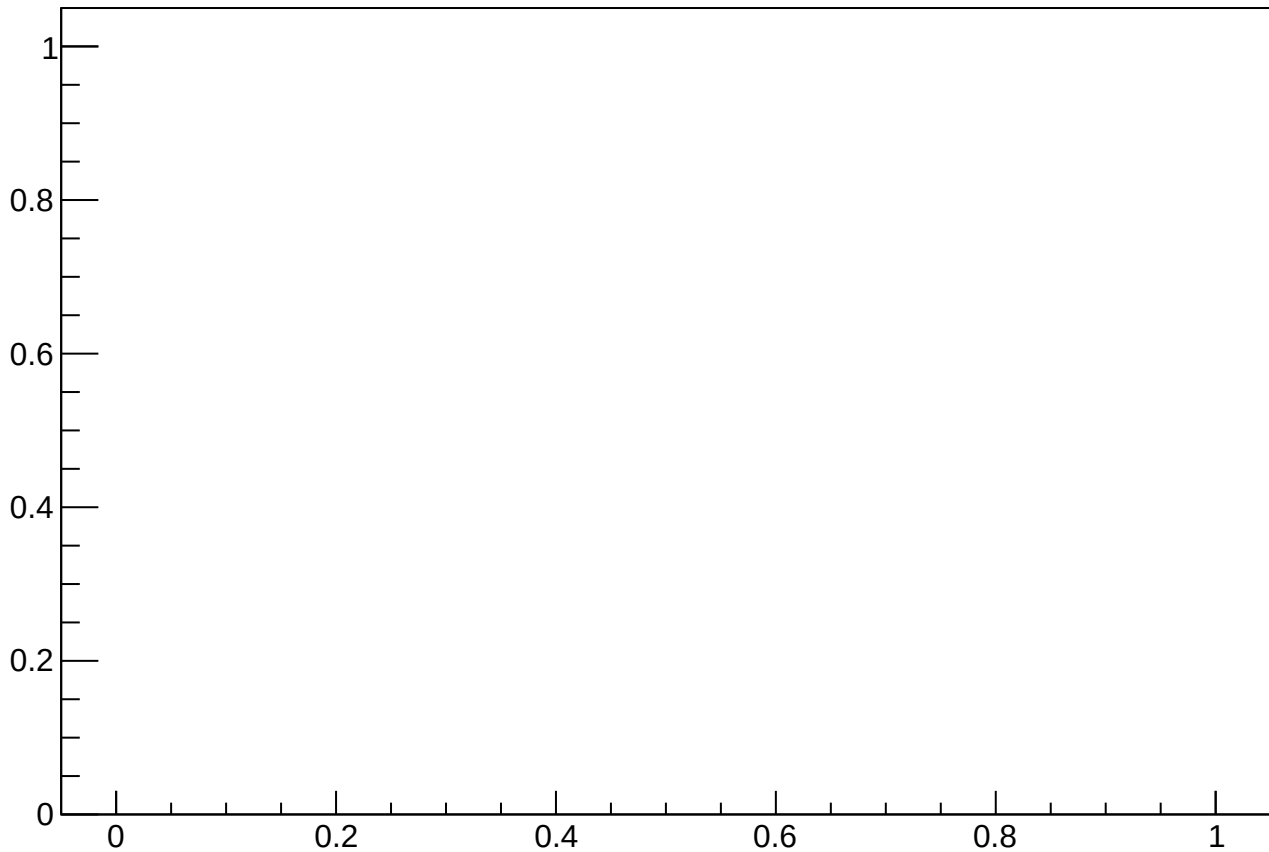
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

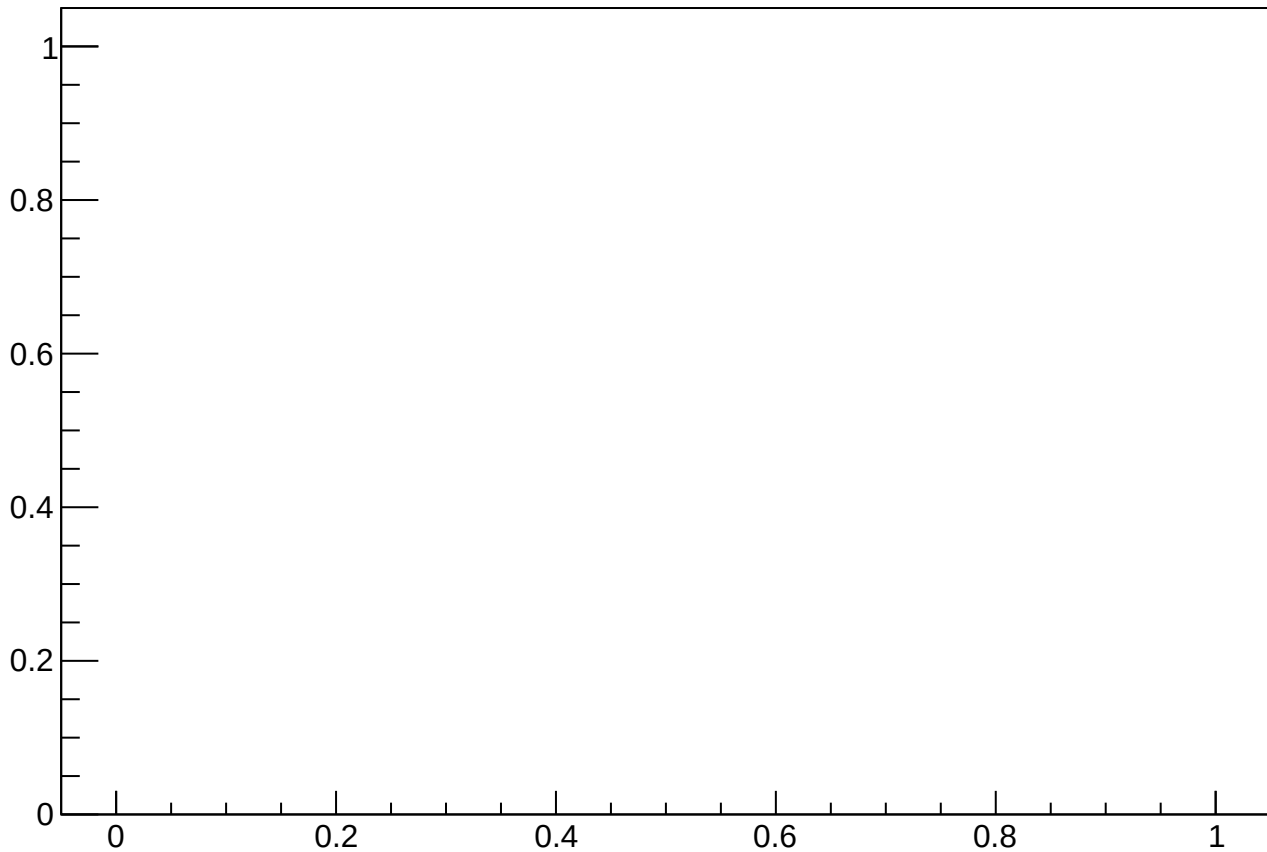
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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

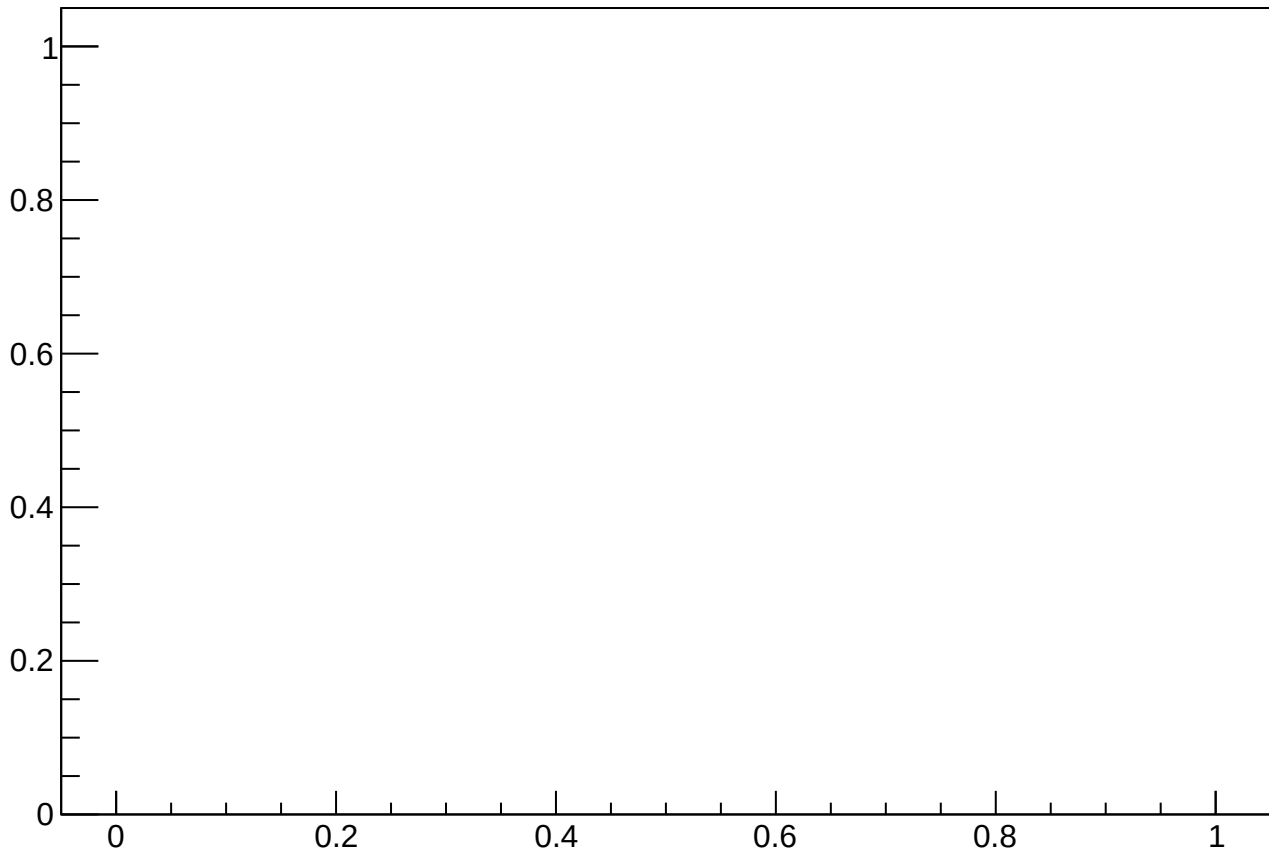
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam_48_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

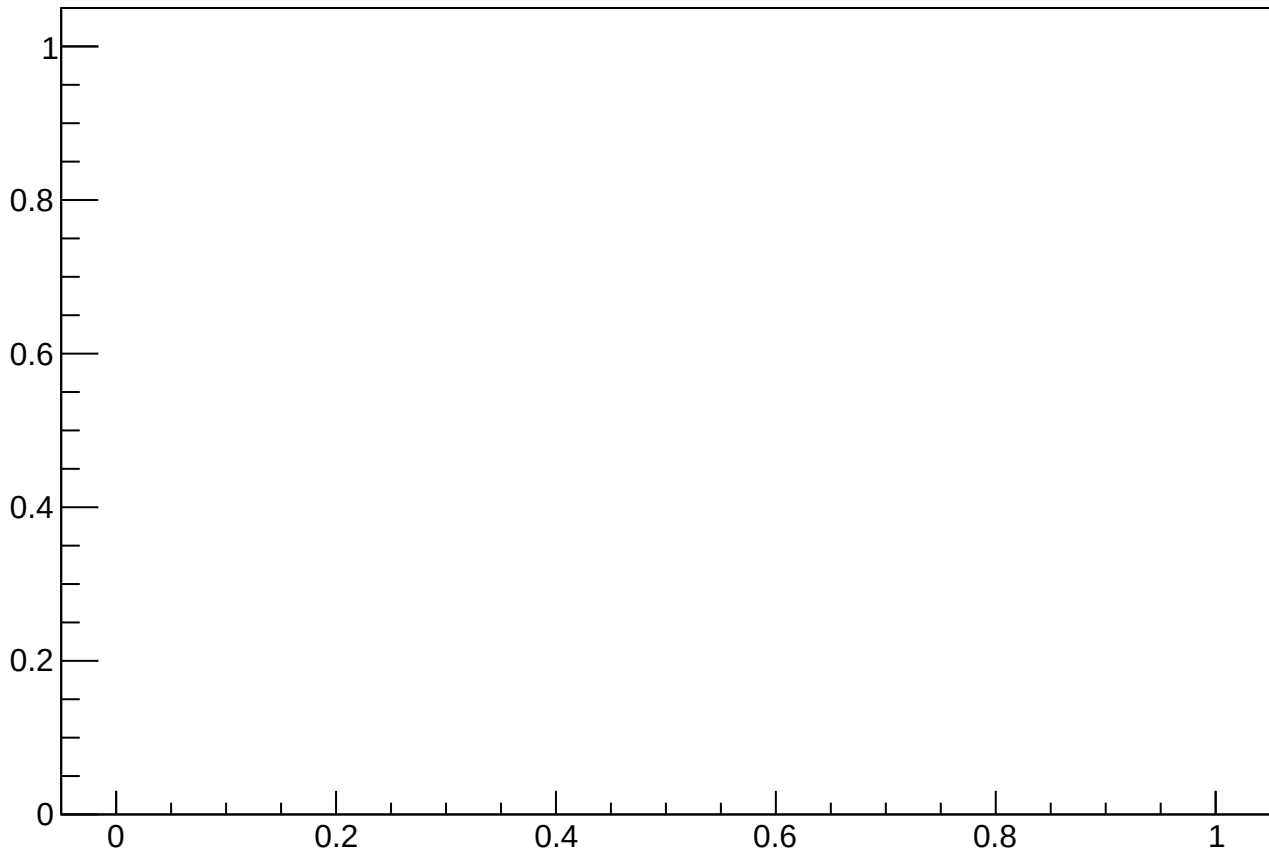
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

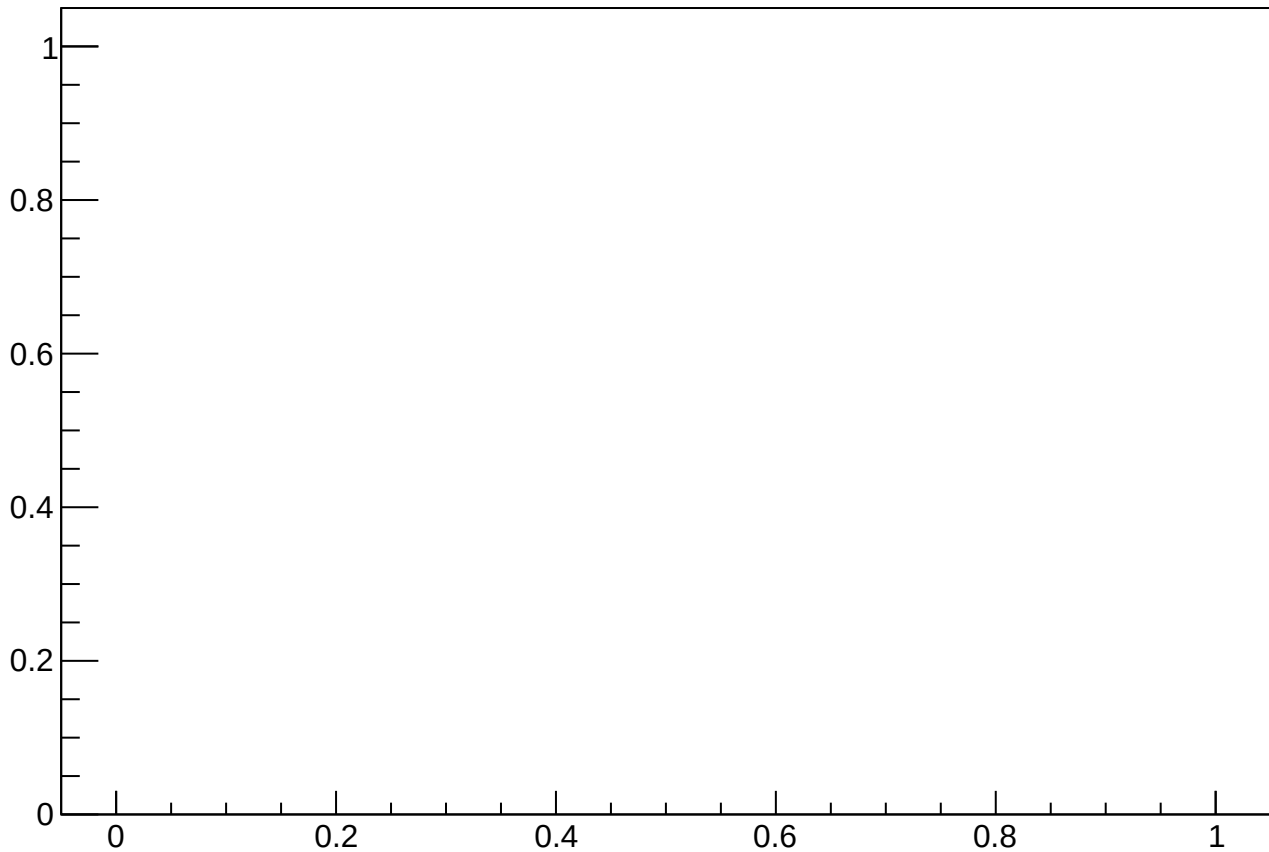
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

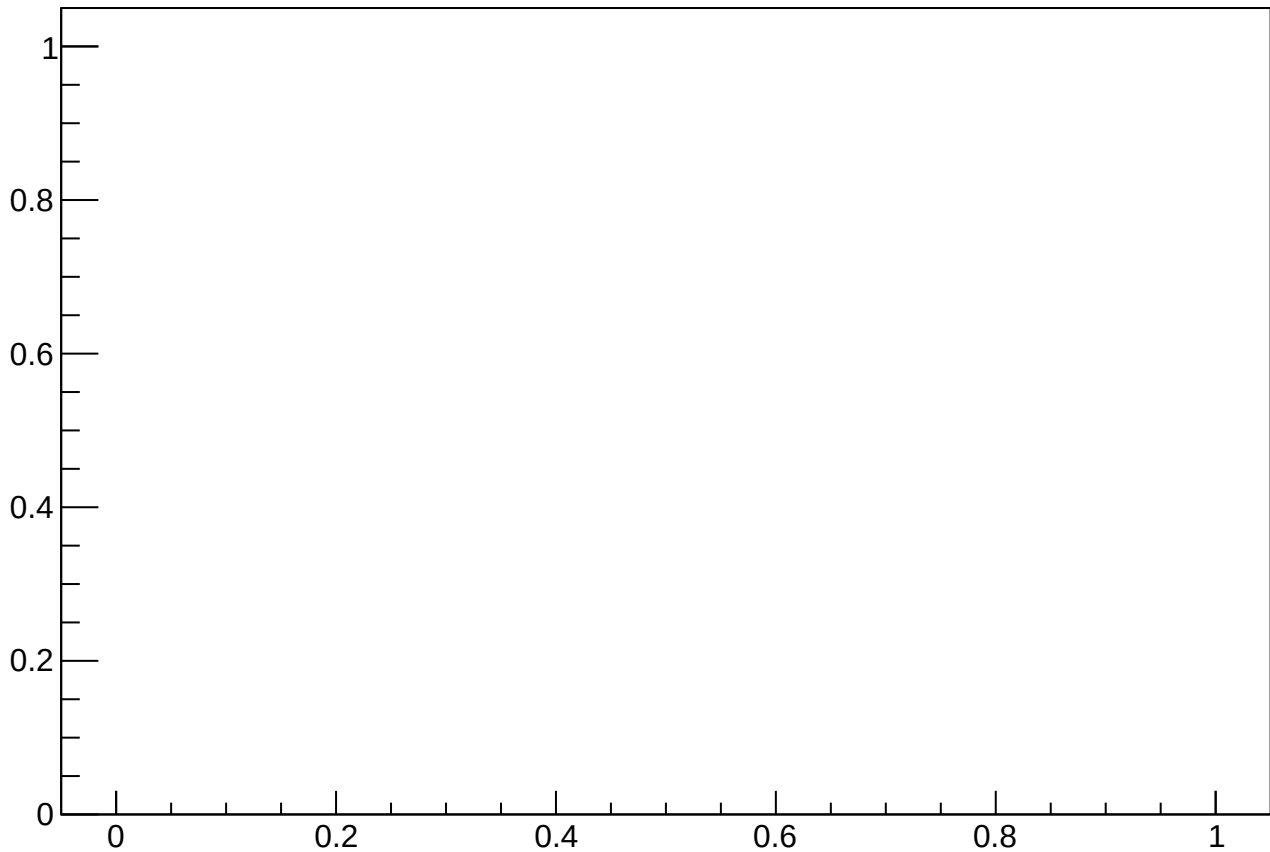
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

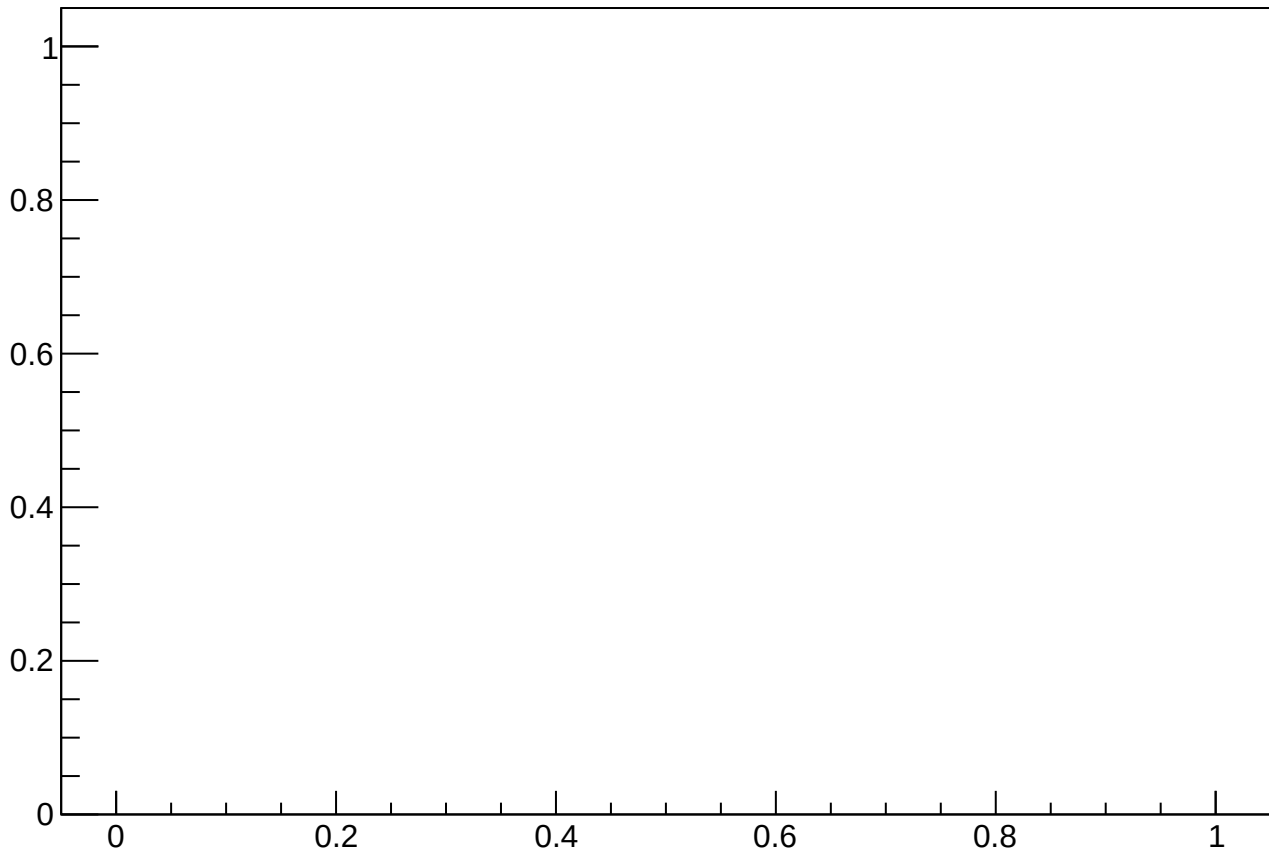
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_26_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

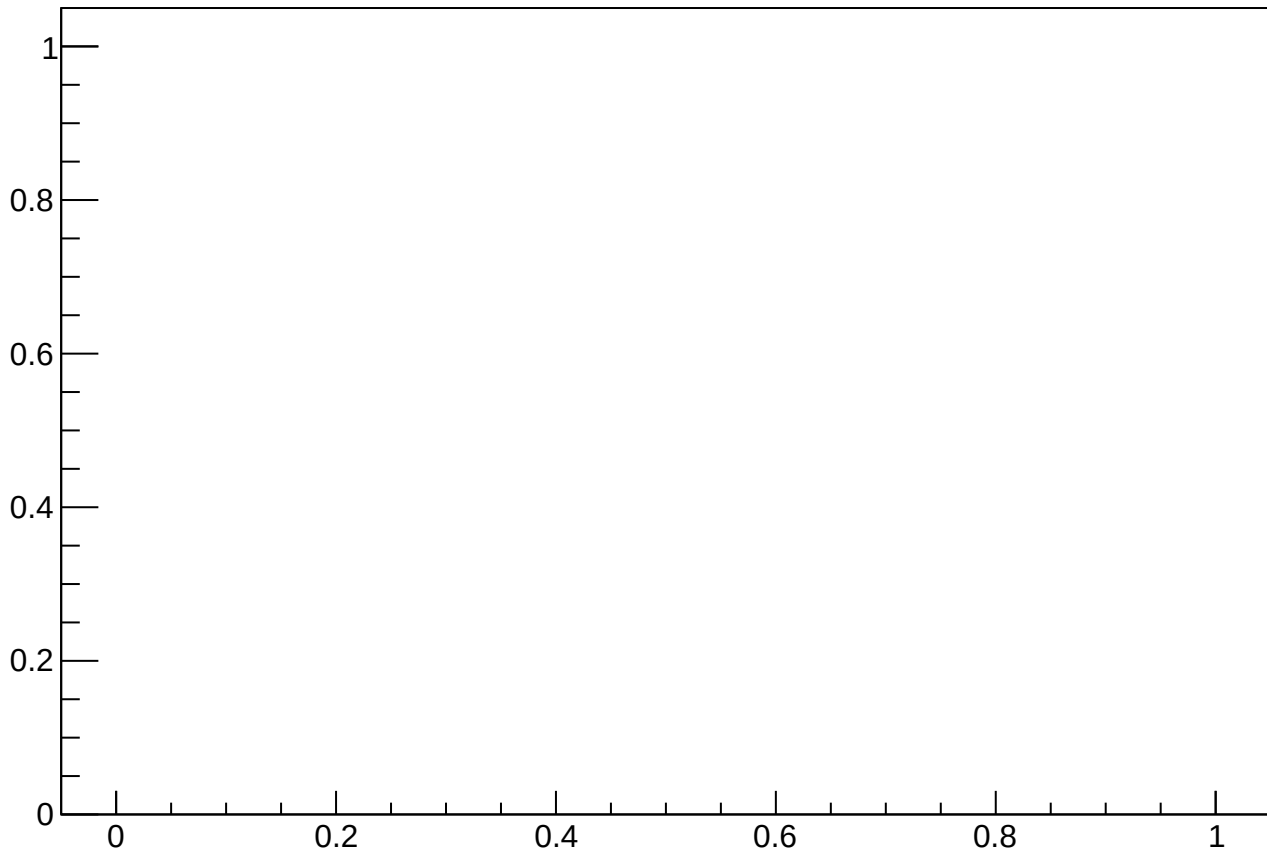
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

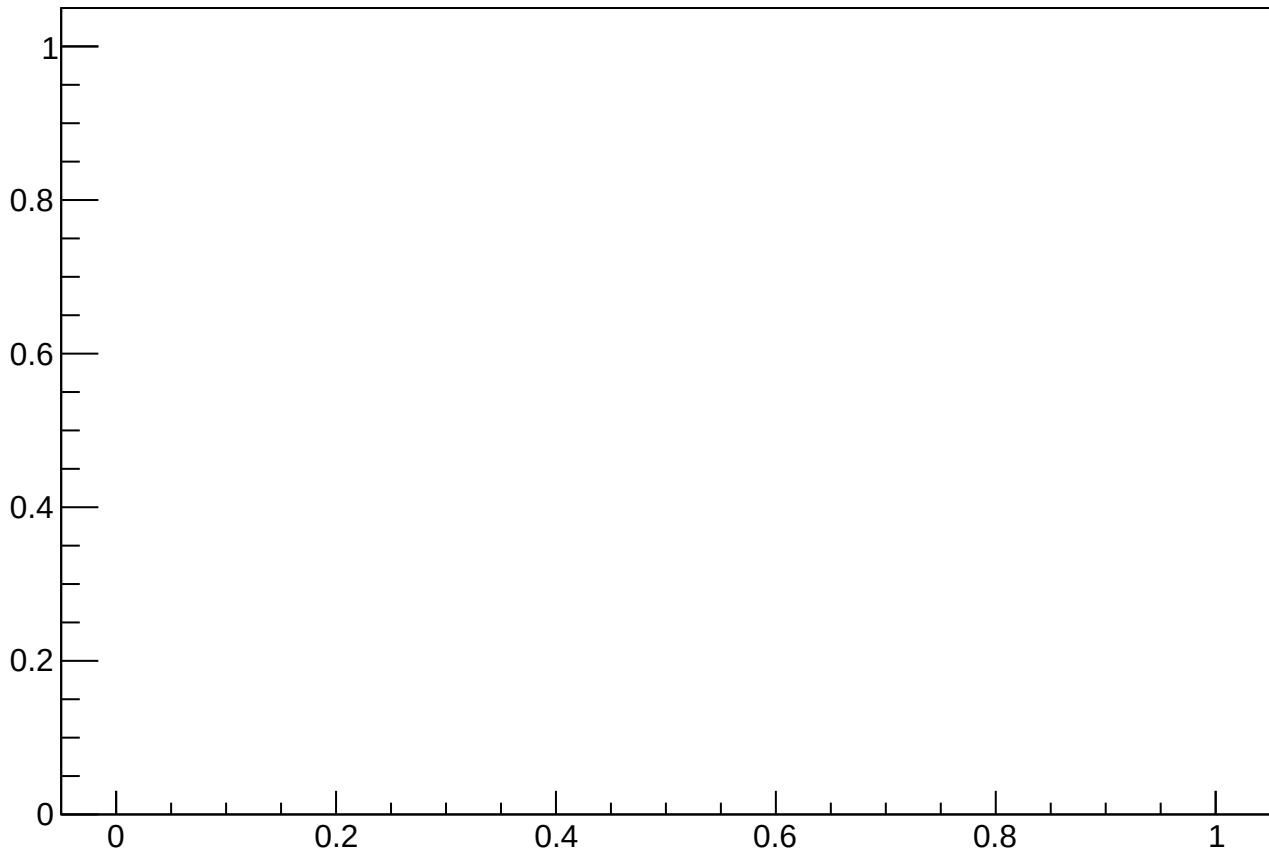
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

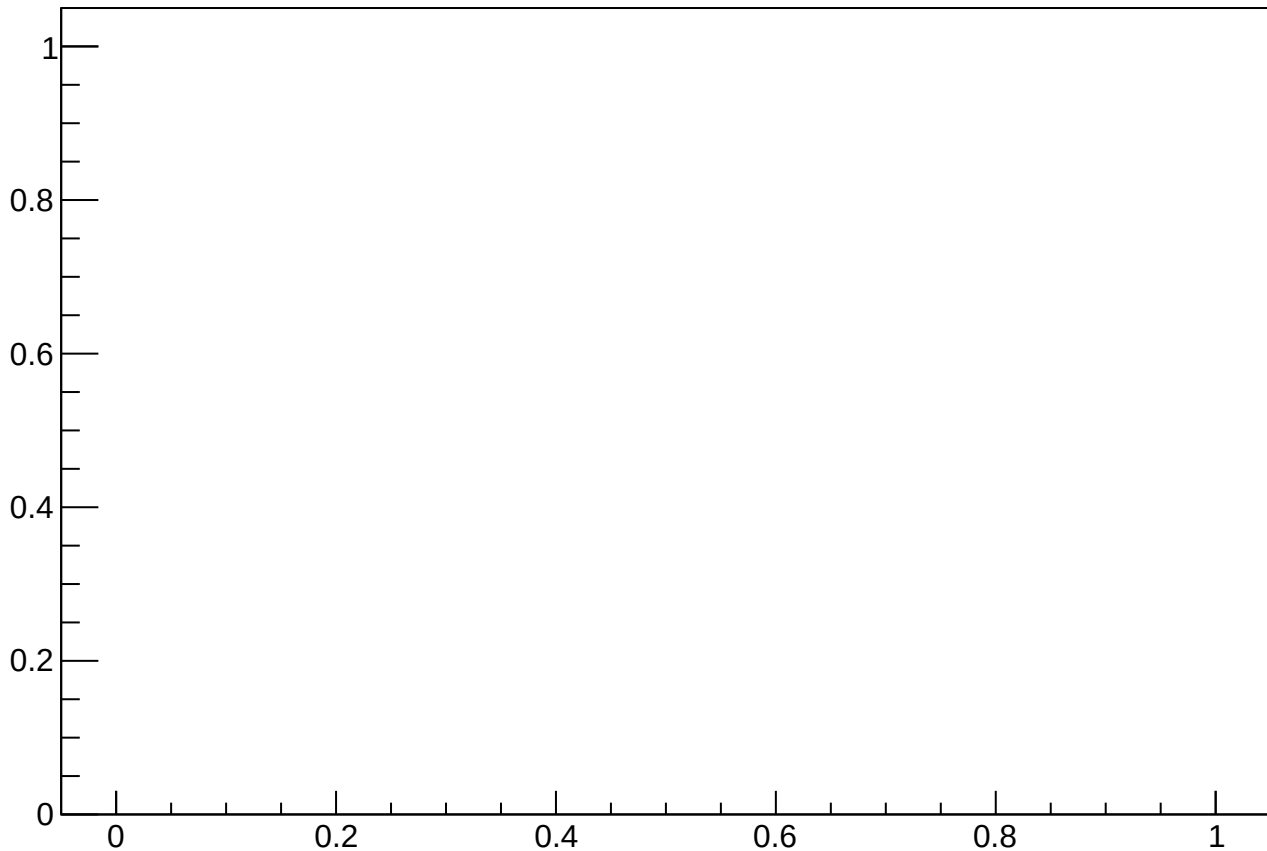
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

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

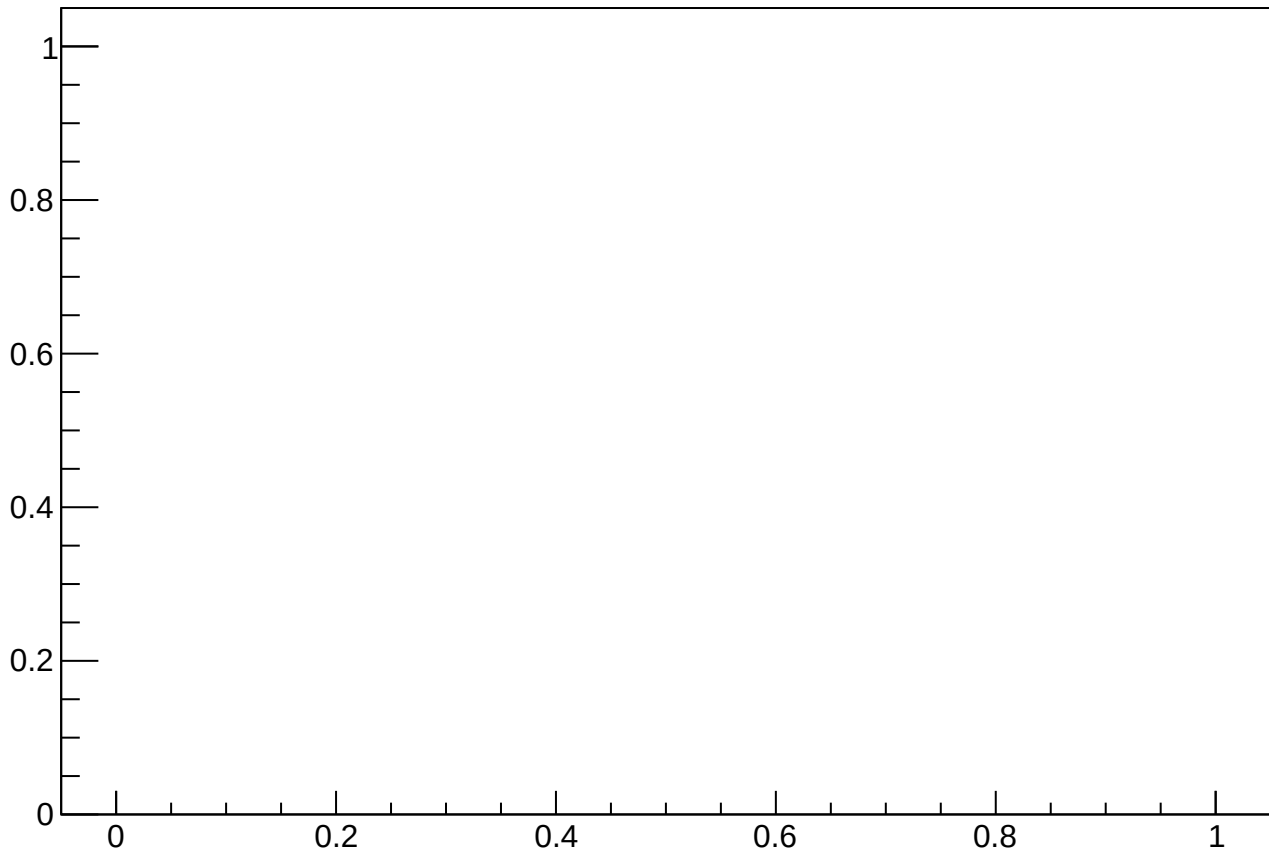
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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

0.000+/-0.000 χ^2 /NDF: 0.0/0

0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_sam_48_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

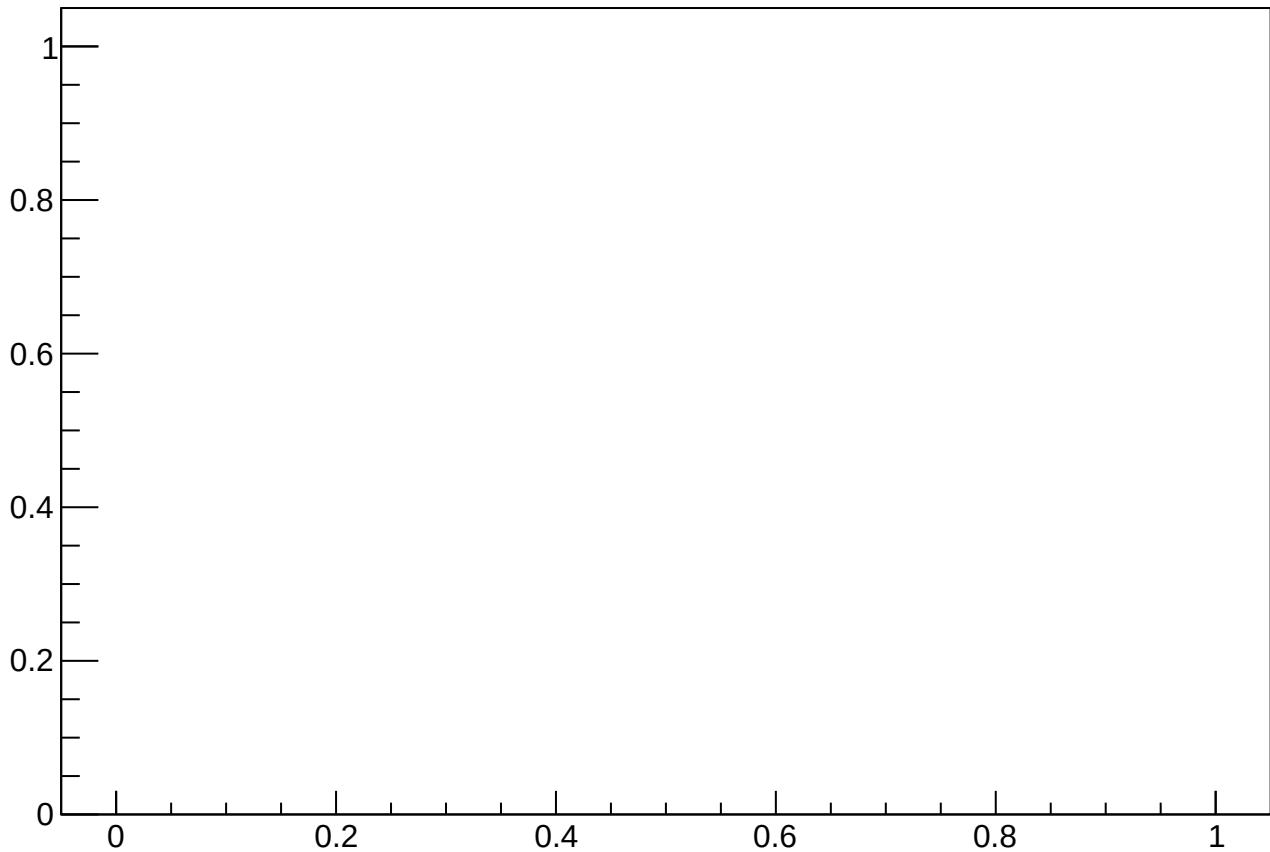
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

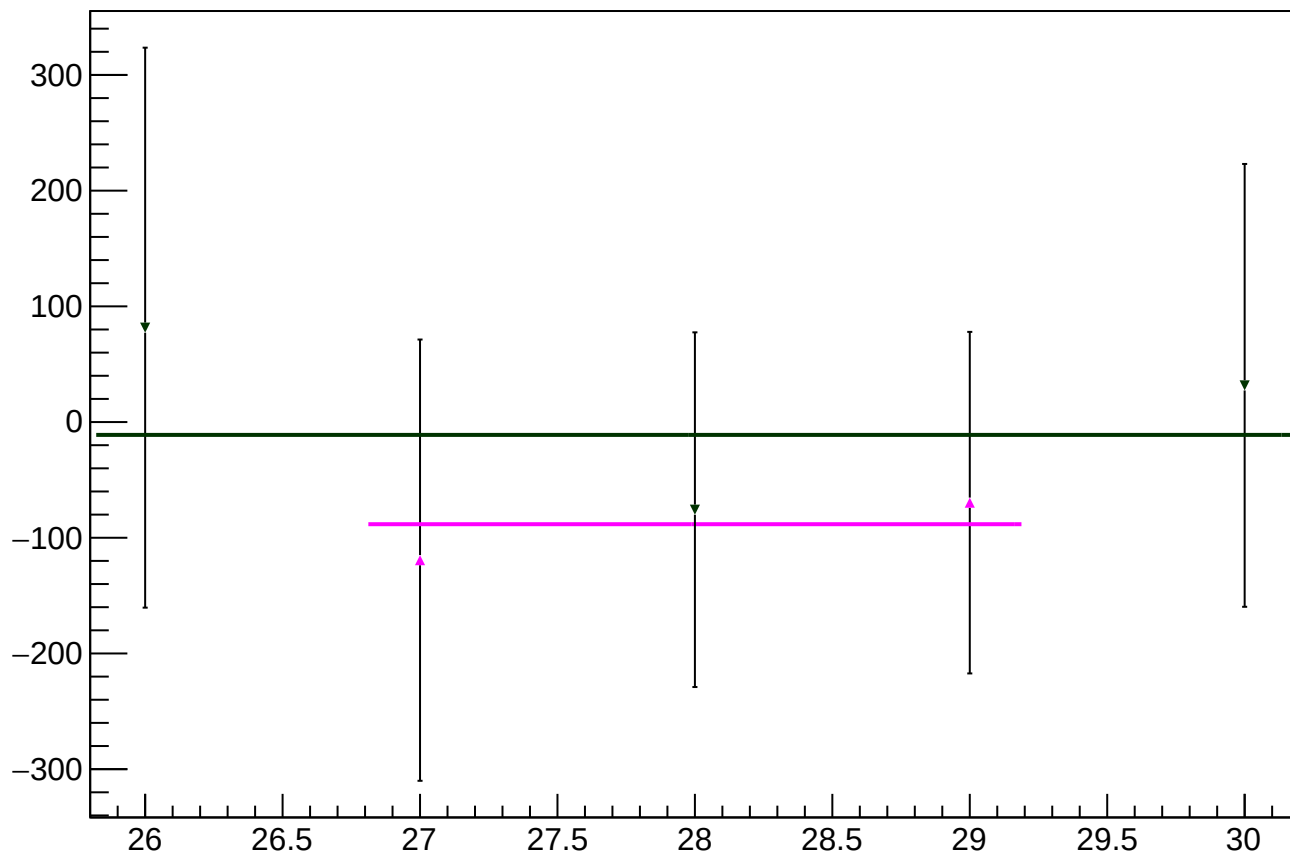
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs slug



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

Left Out: -11.099+/-107.242 χ^2/NDF : 0.4/2

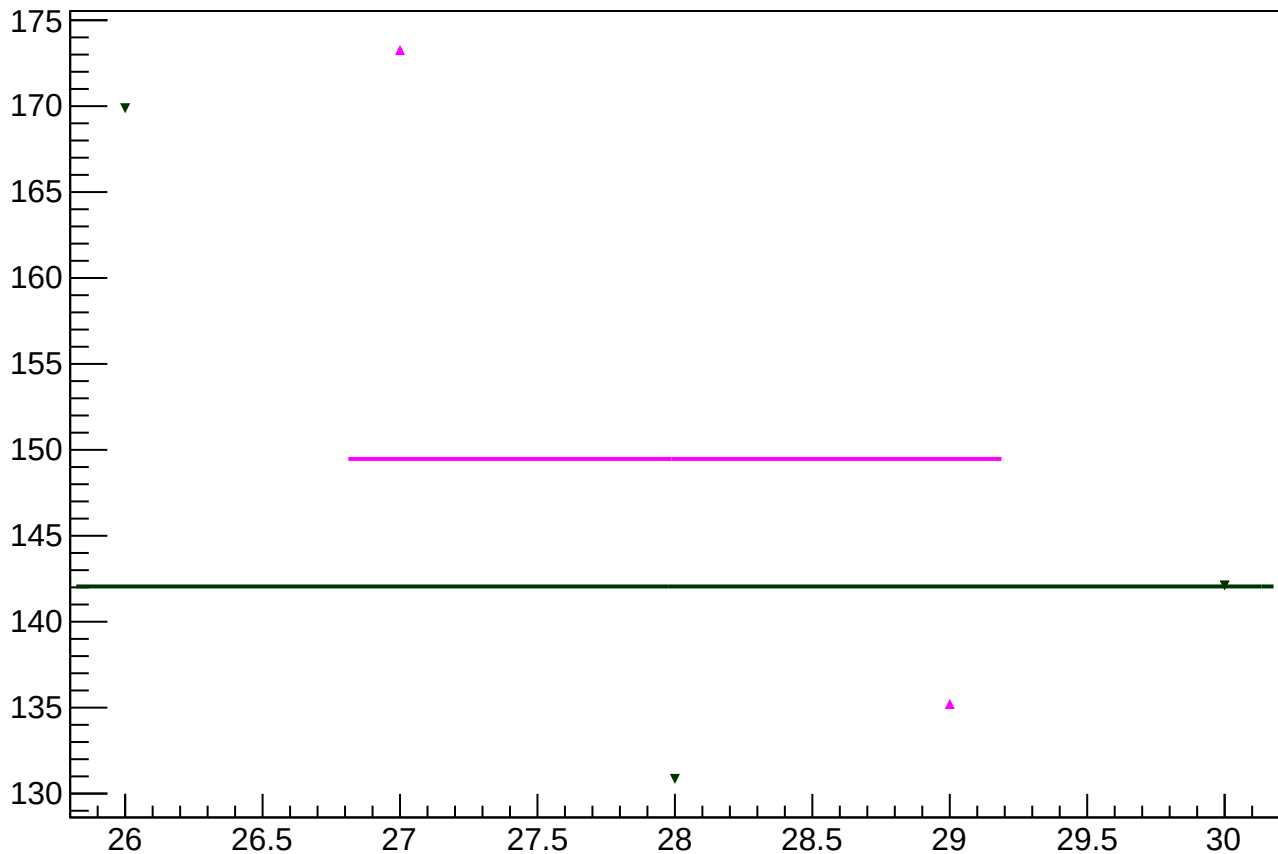
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -88.282+/-116.718 χ^2/NDF : 0.0/1

-11.099+/-107.242 χ^2/NDF : 0.4/2

-88.282+/-116.718 χ^2/NDF : 0.0/1

reg_asym_sam_15_avg_rms vs slug



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

Left Out: 142.051+/-0.076 χ^2/NDF : 37120.4/2

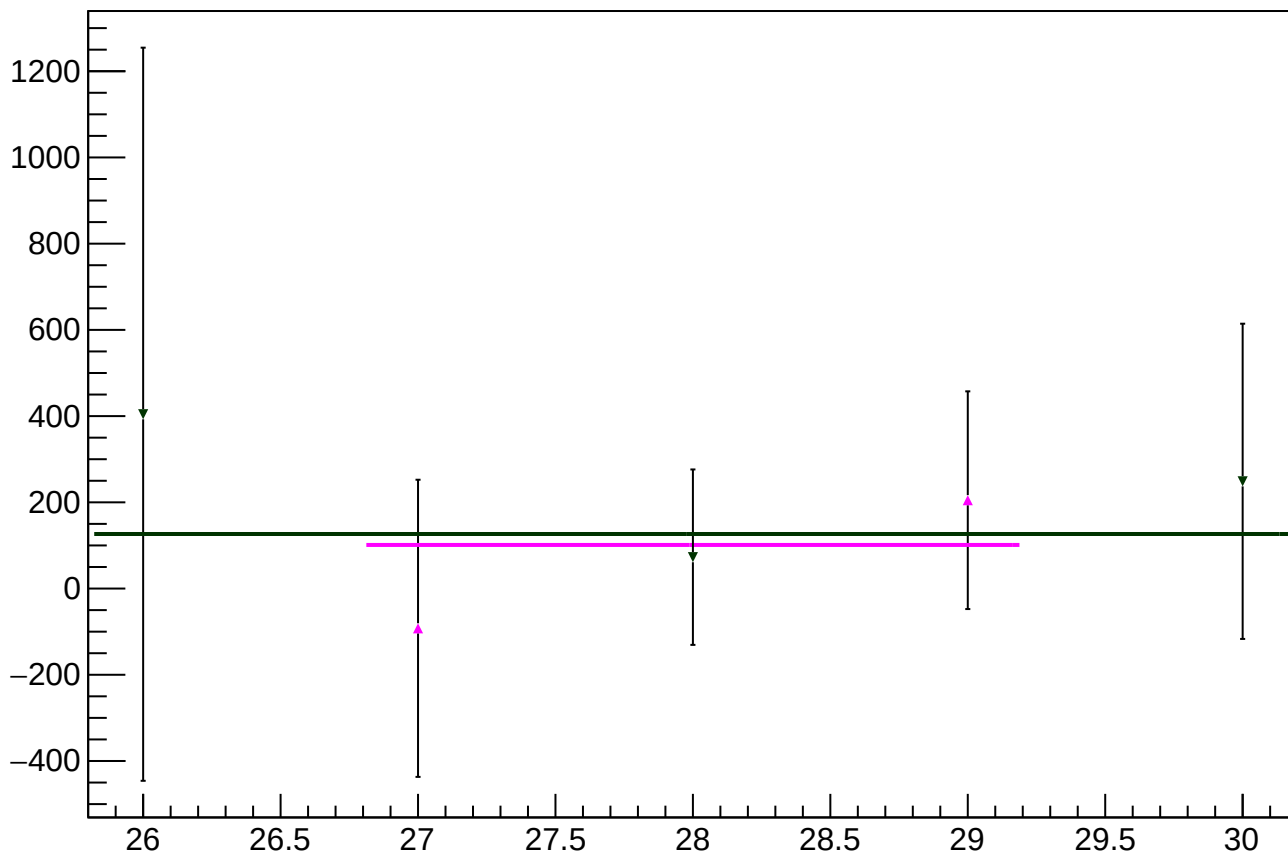
142.051+/-0.076 χ^2/NDF : 37120.4/2

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

149.472+/-0.083 χ^2/NDF : 49799.7/1

Left In: 149.472+/-0.083 χ^2/NDF : 49799.7/1

asym_sam_15_avg_correction_mean vs slug



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

Left Out: 126.545+/-174.020 χ^2/NDF : 0.3/2

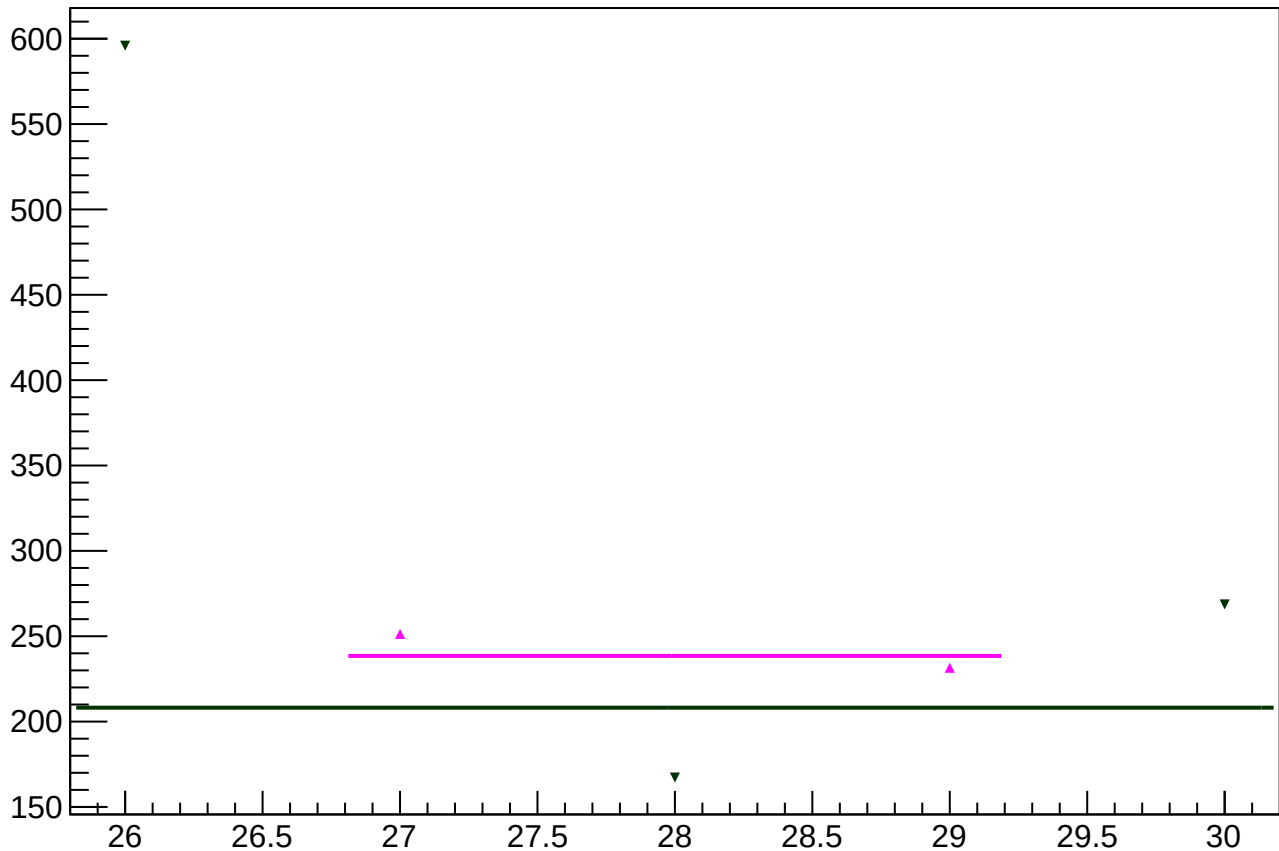
126.545+/-174.020 χ^2/NDF : 0.3/2

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

Left In: 101.148+/-203.684 χ^2/NDF : 0.5/1

101.148+/-203.684 χ^2/NDF : 0.5/1

asym_sam_15_avg_correction_rms vs slug



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

Left Out: 208.156+/-0.123 χ^2/NDF : 551579.8/2

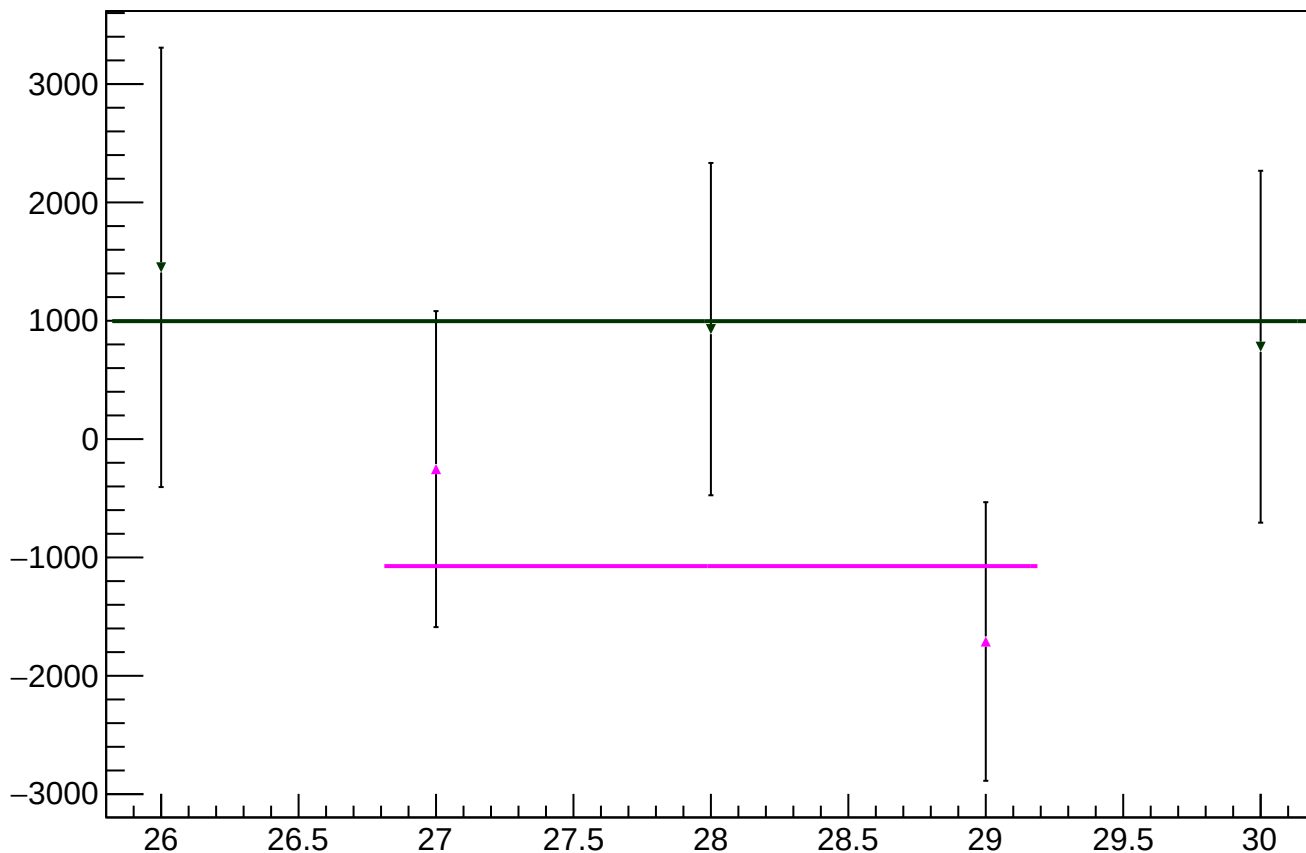
208.156+/-0.123 χ^2/NDF : 551579.8/2

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

238.480+/-0.144 χ^2/NDF : 4300.0/1

Left In: 238.480+/-0.144 χ^2/NDF : 4300.0/1

reg_asym_sam_26_avg_mean vs slug



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

Left Out: 996.682+/-894.437 χ^2/NDF : 0.1/2

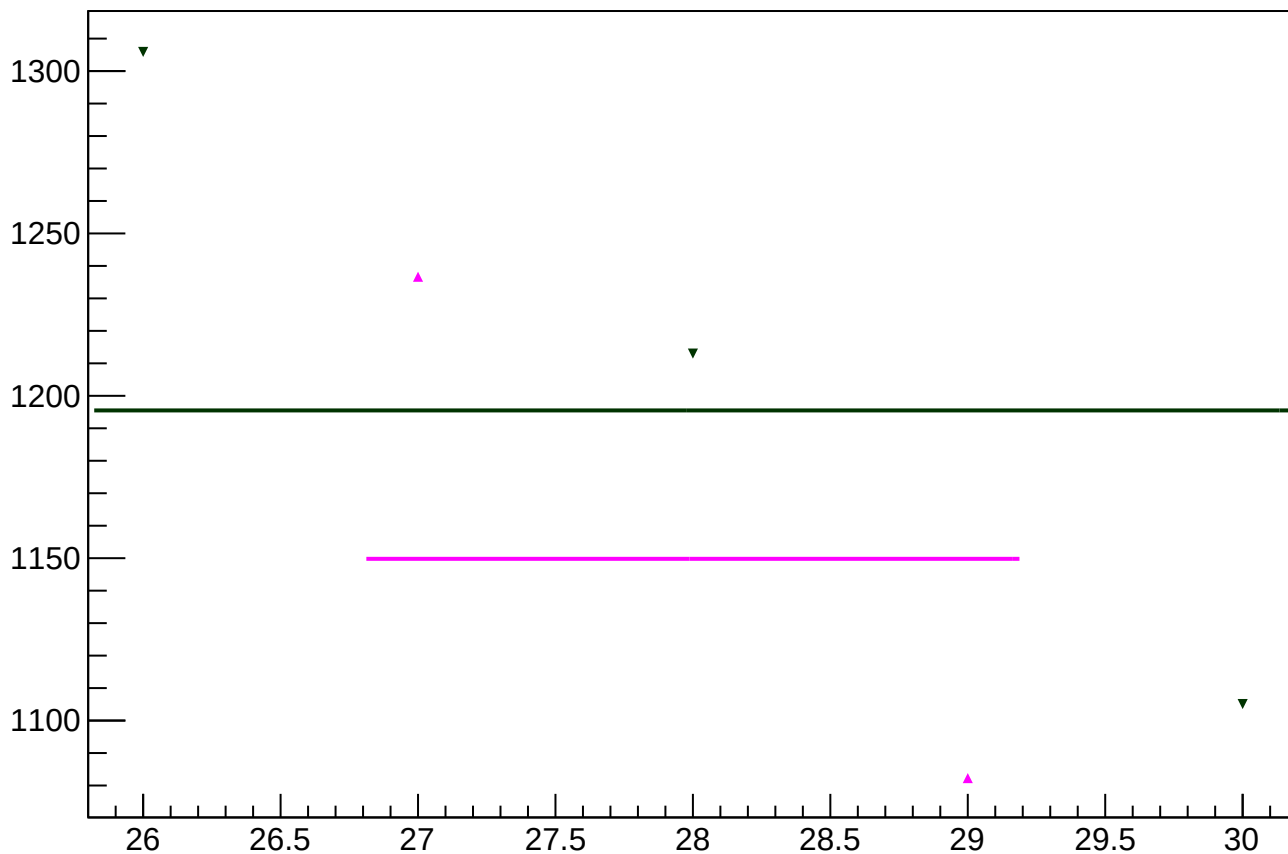
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -1073.067+/-882.935 χ^2/NDF : 0.7/1

996.682+/-894.437 χ^2/NDF : 0.1/2

-1073.067+/-882.935 χ^2/NDF : 0.7/1

reg_asym_sam_26_avg_rms vs slug



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

Left Out: 1195.502+/-0.632 χ^2/NDF :14781.5/2

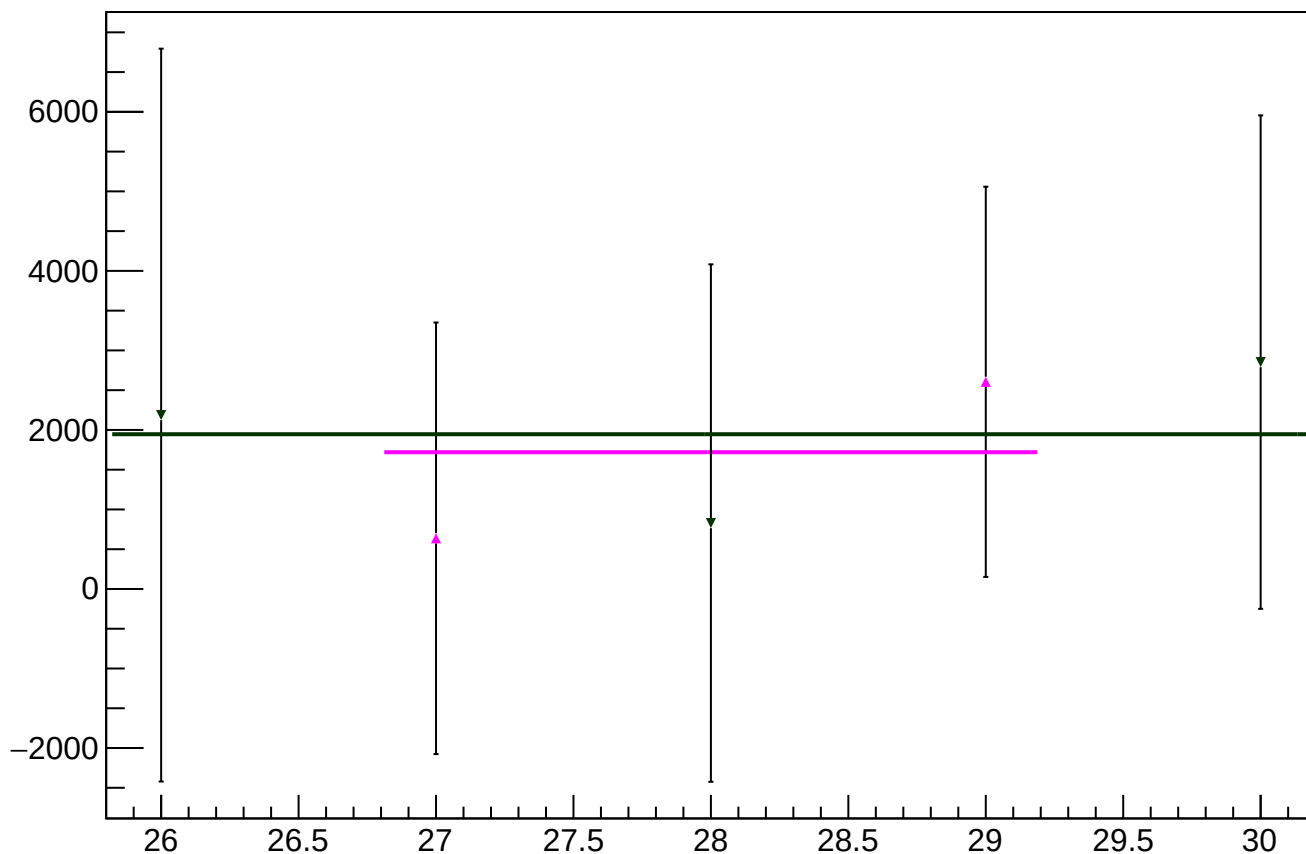
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1149.804+/-0.624 χ^2/NDF :15047.7/1

1195.502+/-0.632 χ^2/NDF : 14781.5/2

1149.804+/-0.624 χ^2/NDF : 15047.7/1

asym_sam_26_avg_correction_mean vs slug



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

Left Out: 1945.972+/-2018.563 χ^2/NDF : 0.2/2

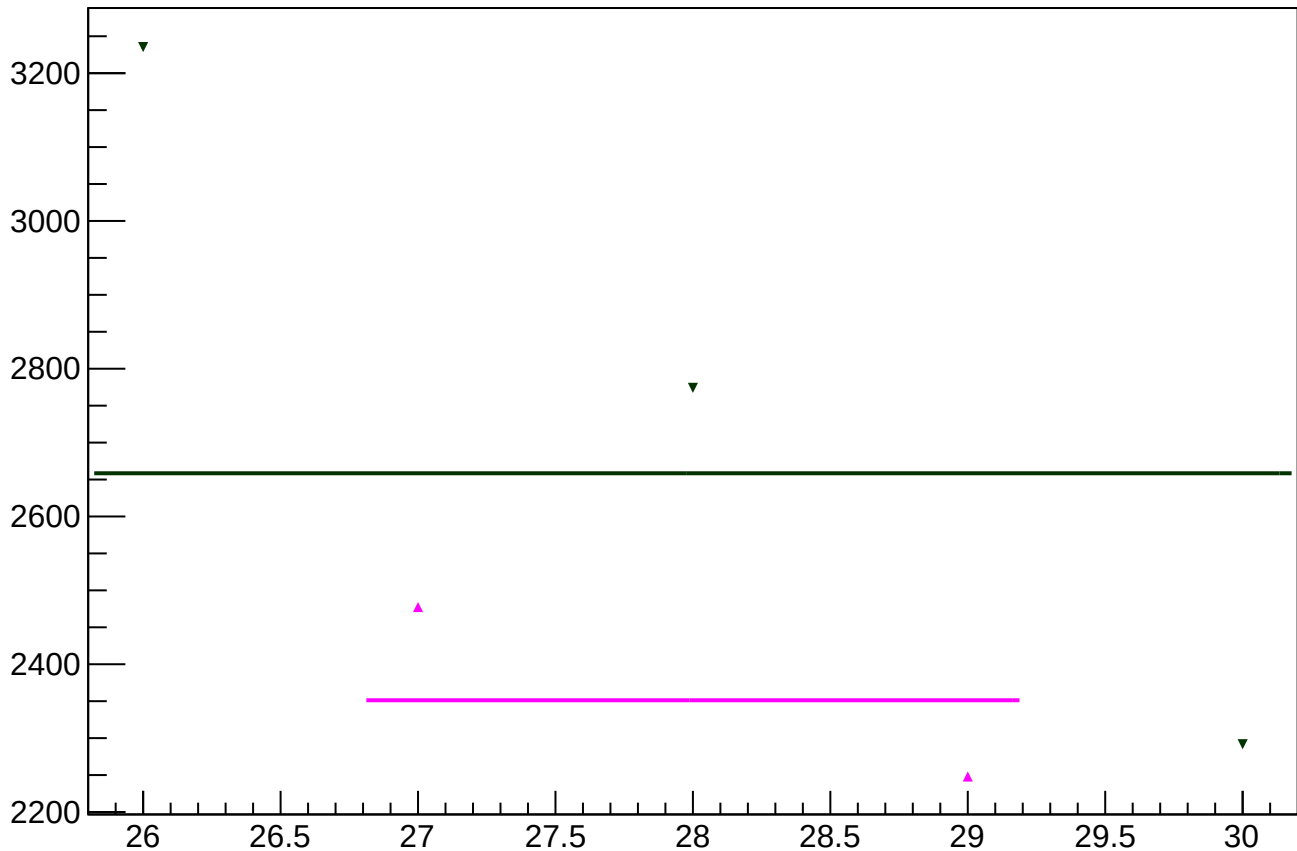
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1719.895+/-1819.968 χ^2/NDF : 0.3/1

1945.972+/-2018.563 χ^2/NDF : 0.2/2

1719.895+/-1819.968 χ^2/NDF : 0.3/1

asym_sam_26_avg_correction_rms vs slug



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

Left Out: 2658.486+/-1.427 χ^2/NDF : 61809.1/2

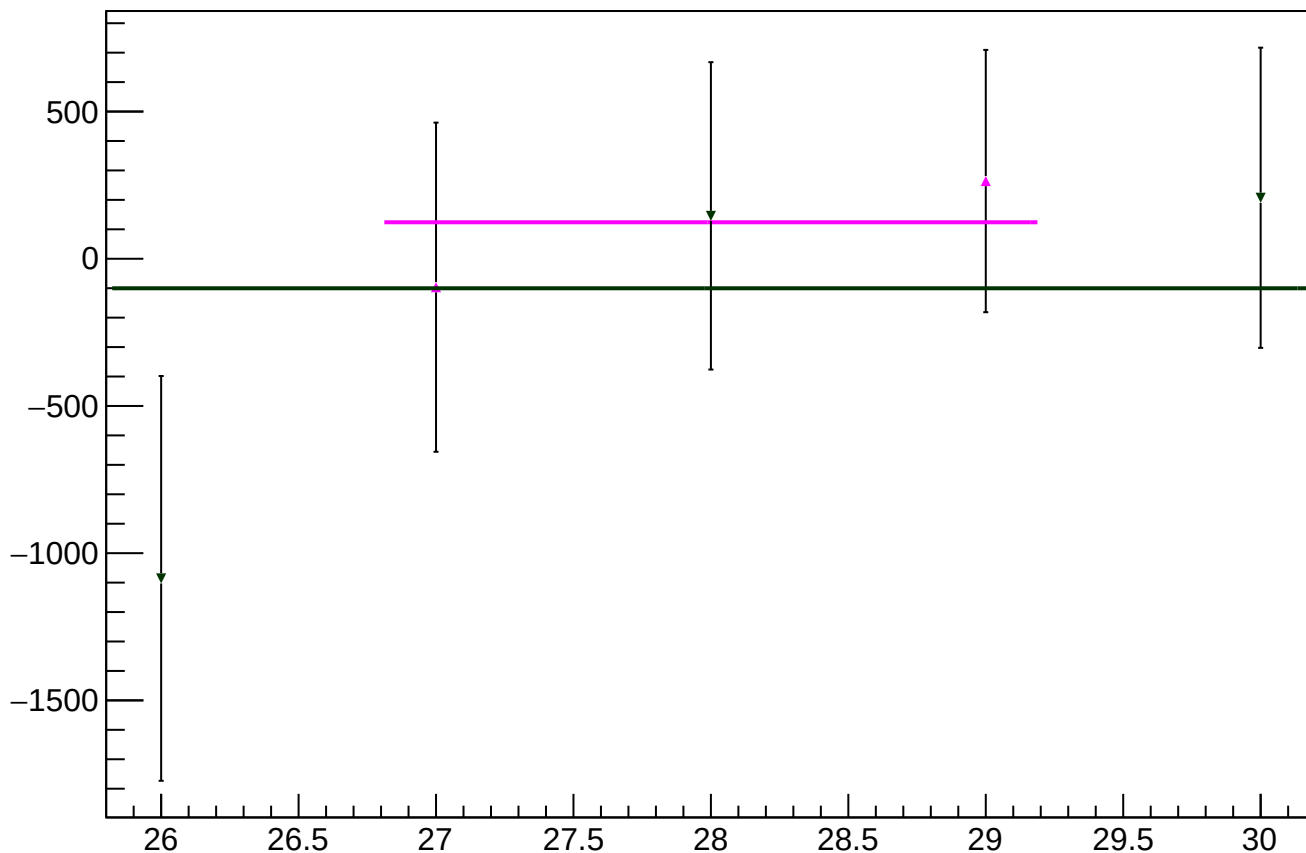
2658.486+/-1.427 χ^2/NDF : 61809.1/2

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

2351.242+/-1.287 χ^2/NDF : 7865.6/1

Left In: 2351.242+/-1.287 χ^2/NDF : 7865.6/1

reg_asym_sam_37_avg_mean vs slug



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

Left Out: -100.276+/-322.185 χ^2 /NDF: 2.6/2

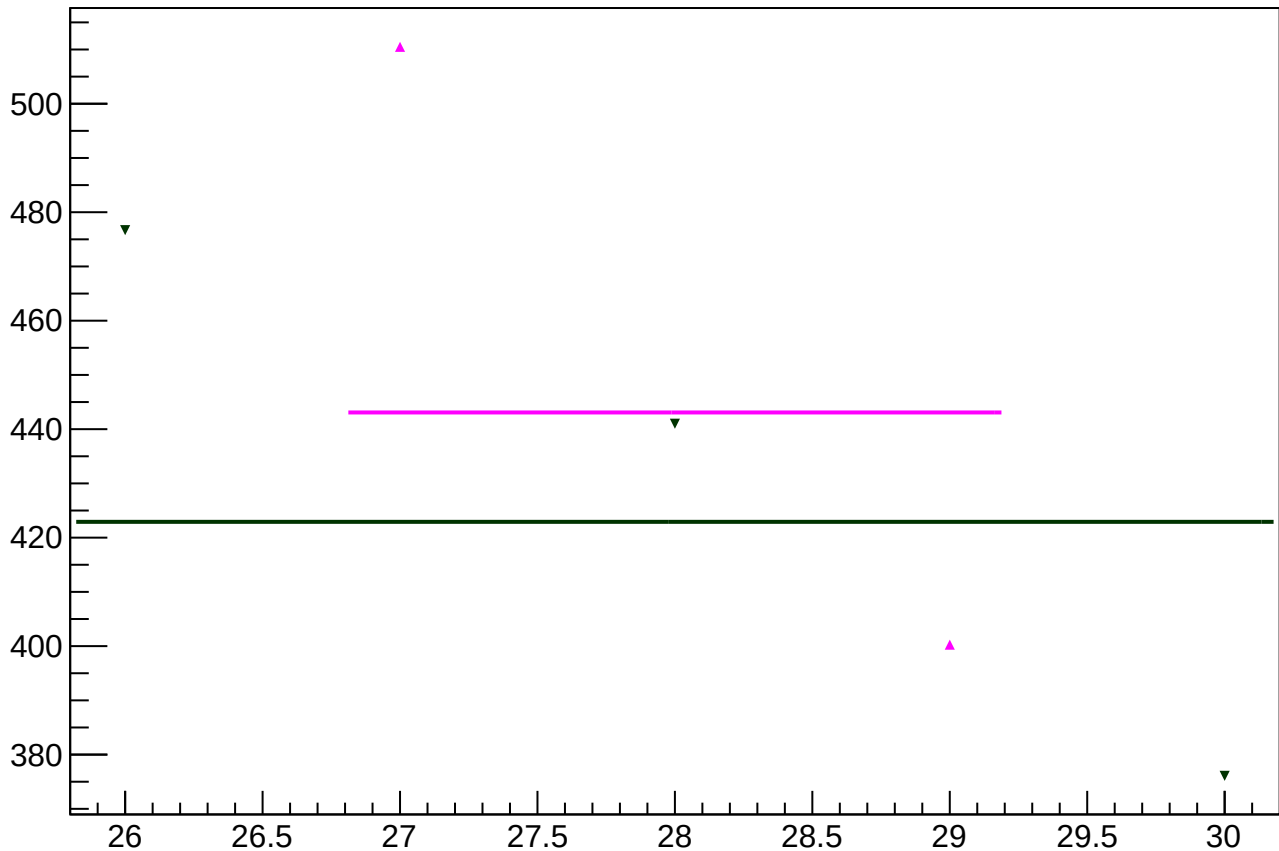
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 123.894+/-348.372 χ^2 /NDF: 0.3/1

-100.276+/-322.185 χ^2 /NDF: 2.6/2

123.894+/-348.372 χ^2 /NDF: 0.3/1

reg_asym_sam_37_avg_rms vs slug



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

Left Out: 422.915+/-0.228 χ^2/NDF : 31517.5/2

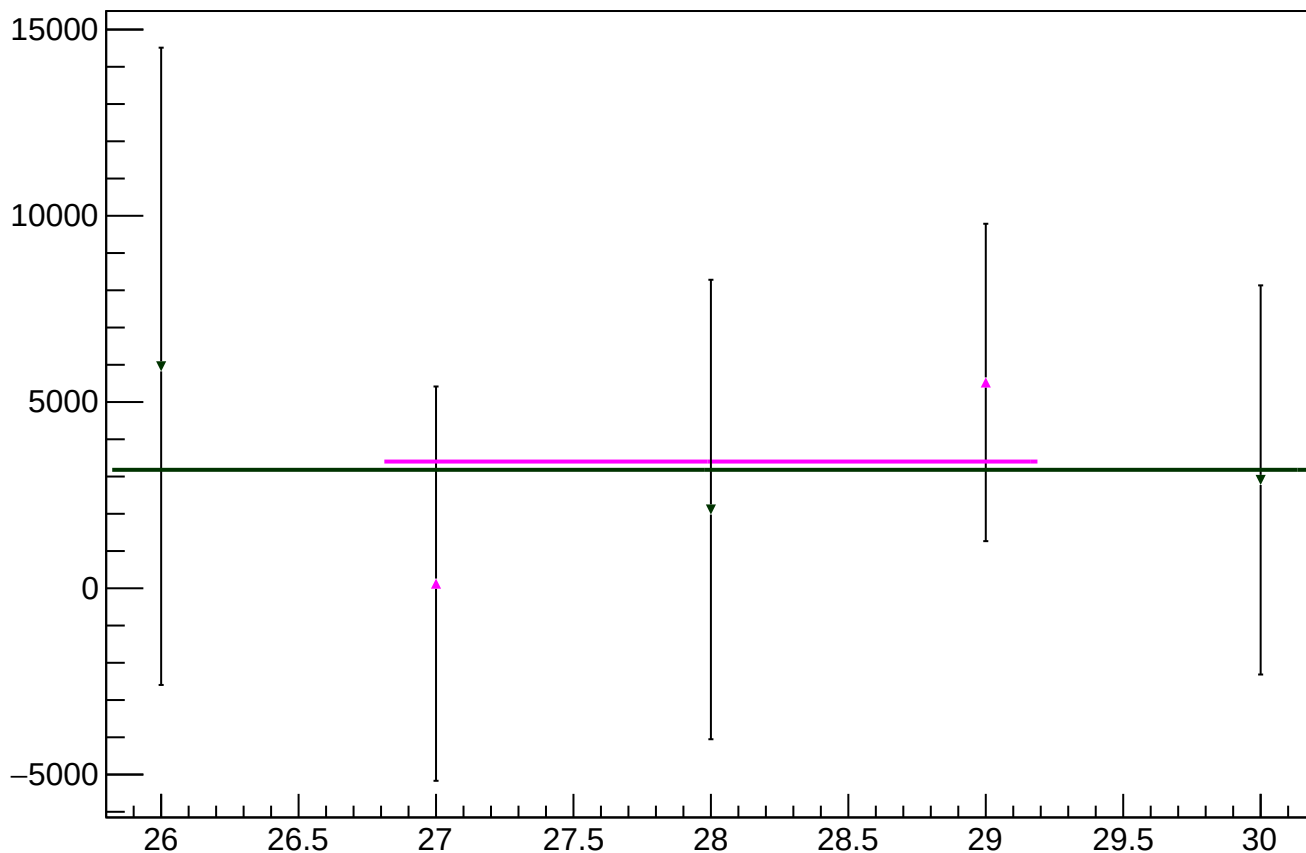
422.915+/-0.228 χ^2/NDF : 31517.5/2

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

443.080+/-0.246 χ^2/NDF : 47560.3/1

Left In: 443.080+/-0.246 χ^2/NDF : 47560.3/1

asym_sam_37_avg_correction_mean vs slug



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

Left Out: 3180.426+/-3612.903 χ^2/NDF : 0.1/2

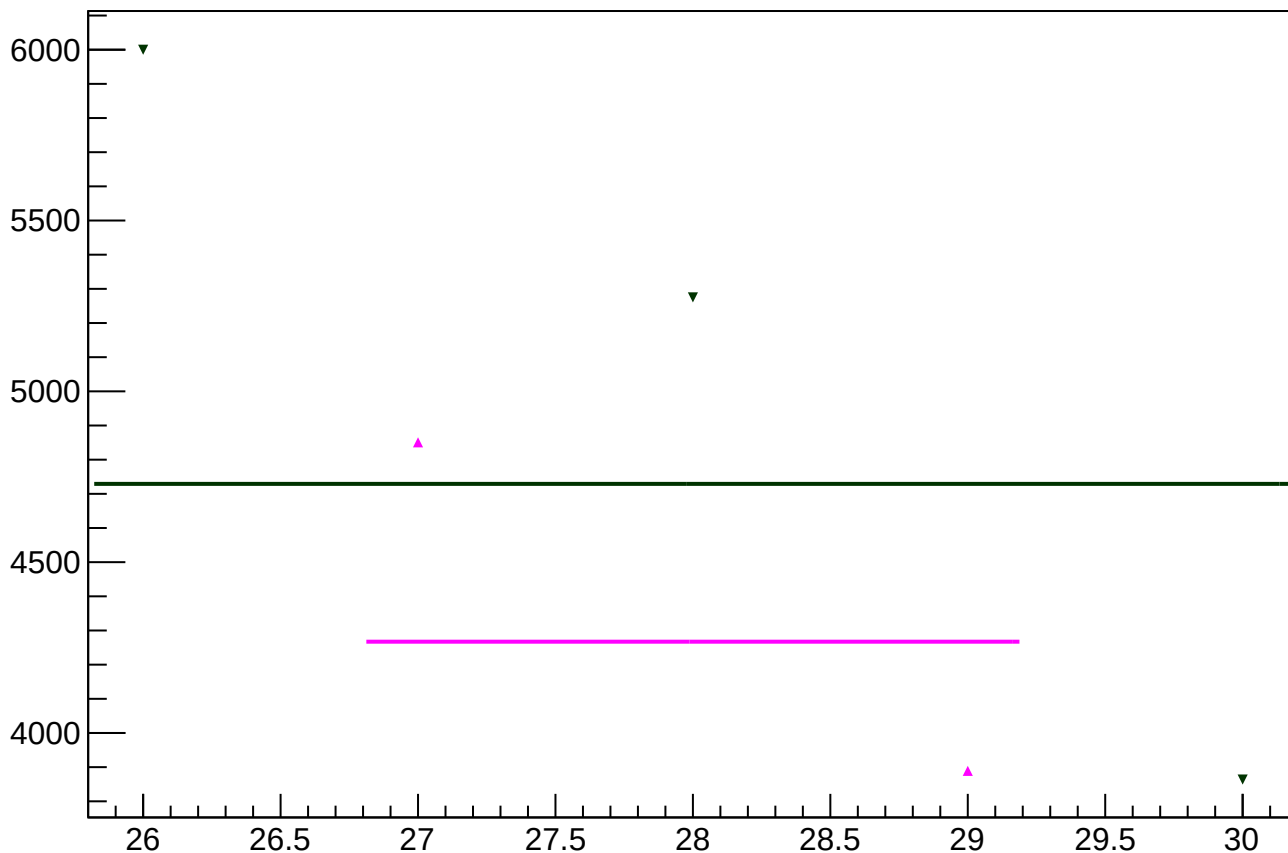
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 3402.244+/-3318.678 χ^2/NDF : 0.6/1

3180.426+/-3612.903 χ^2/NDF : 0.1/2

3402.244+/-3318.678 χ^2/NDF : 0.6/1

asym_sam_37_avg_correction_rms vs slug



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

Left Out: 4729.154+/-2.555 χ^2/NDF : 114705.6/2

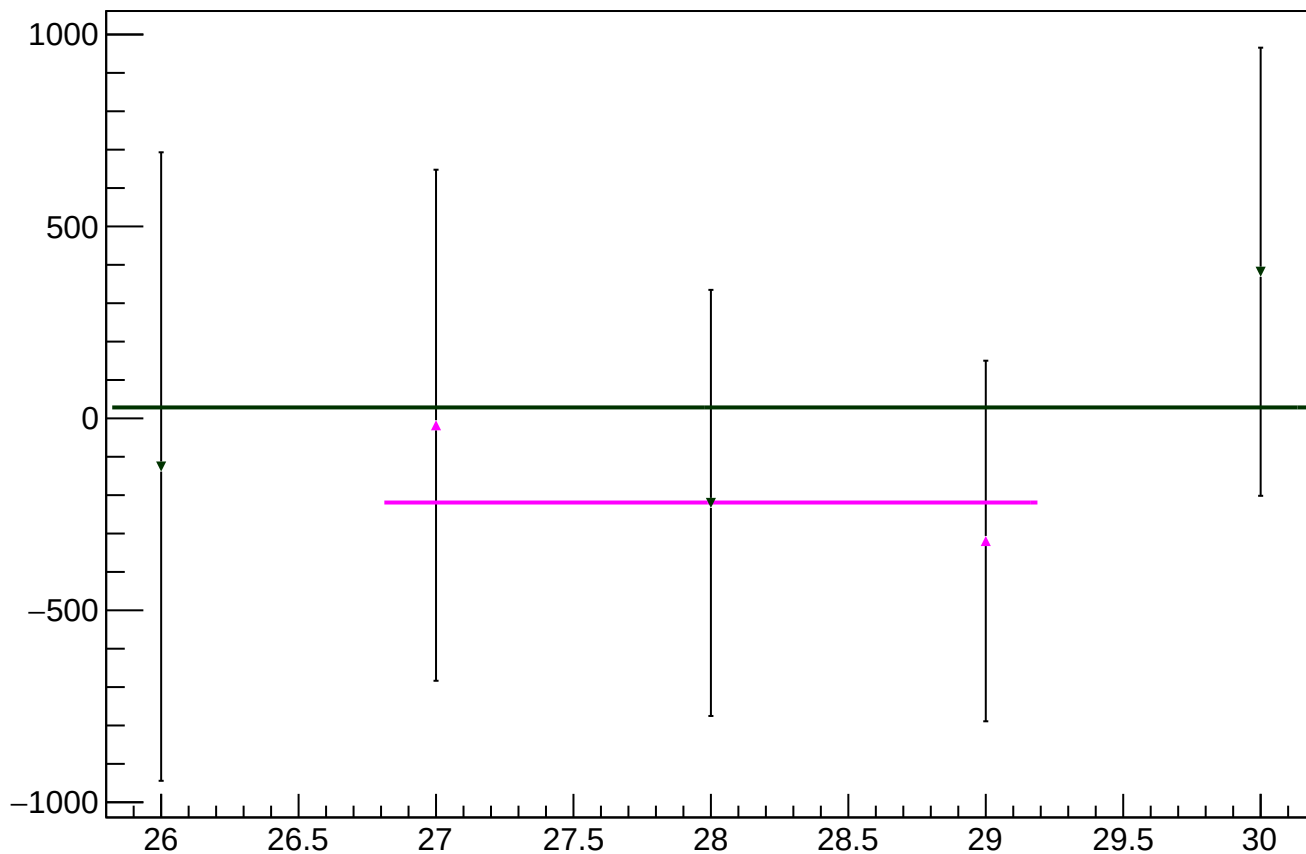
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4267.227+/-2.347 χ^2/NDF : 40067.3/1

4729.154+/-2.555 χ^2/NDF : 114705.6/2

4267.227+/-2.347 χ^2/NDF : 40067.3/1

reg_asym_sam_48_avg_mean vs slug



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

Left Out: 28.507+/-360.990 χ^2/NDF : 0.6/2

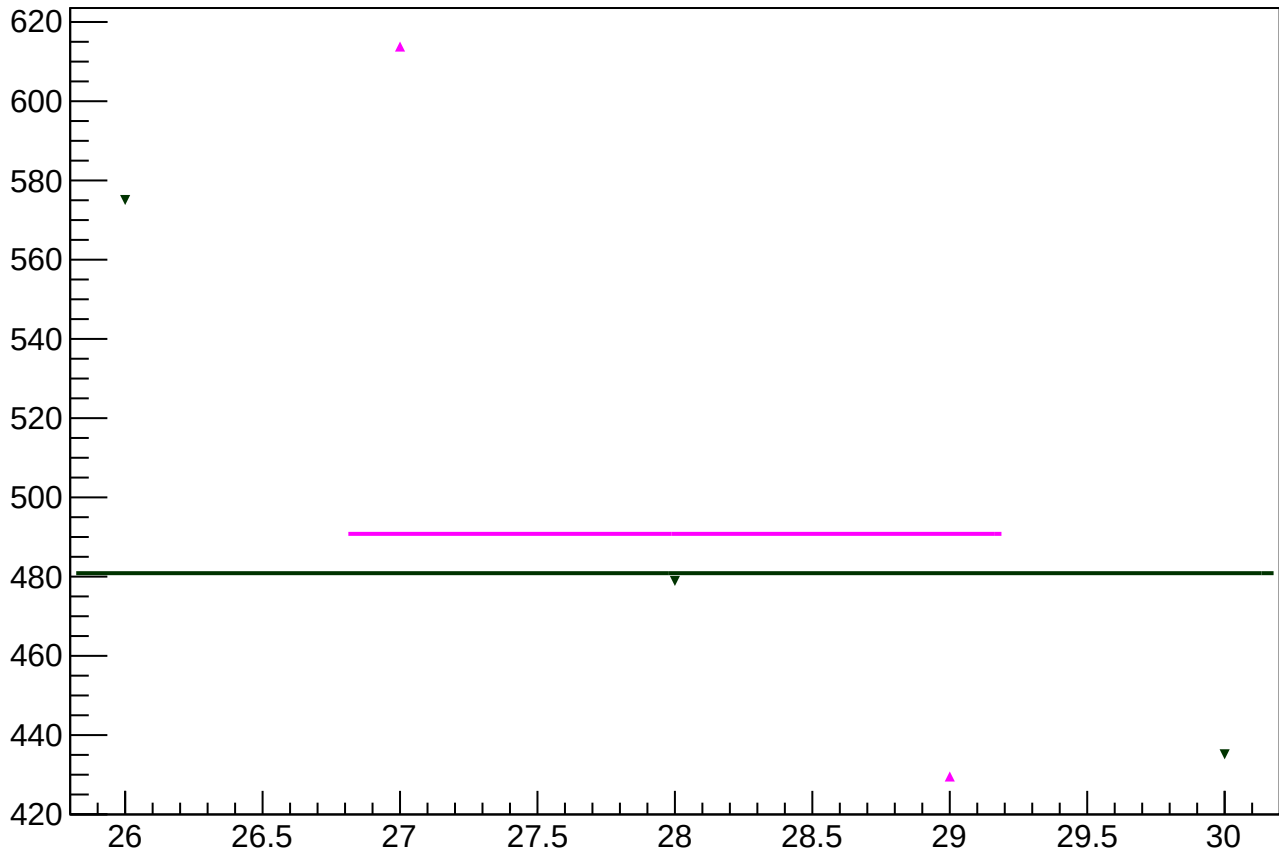
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -219.205+/-383.764 χ^2/NDF : 0.1/1

28.507+/-360.990 χ^2/NDF : 0.6/2

-219.205+/-383.764 χ^2/NDF : 0.1/1

reg_asym_sam_48_avg_rms vs slug



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

Left Out: 480.868+/-0.255 χ^2/NDF : 38773.0/2

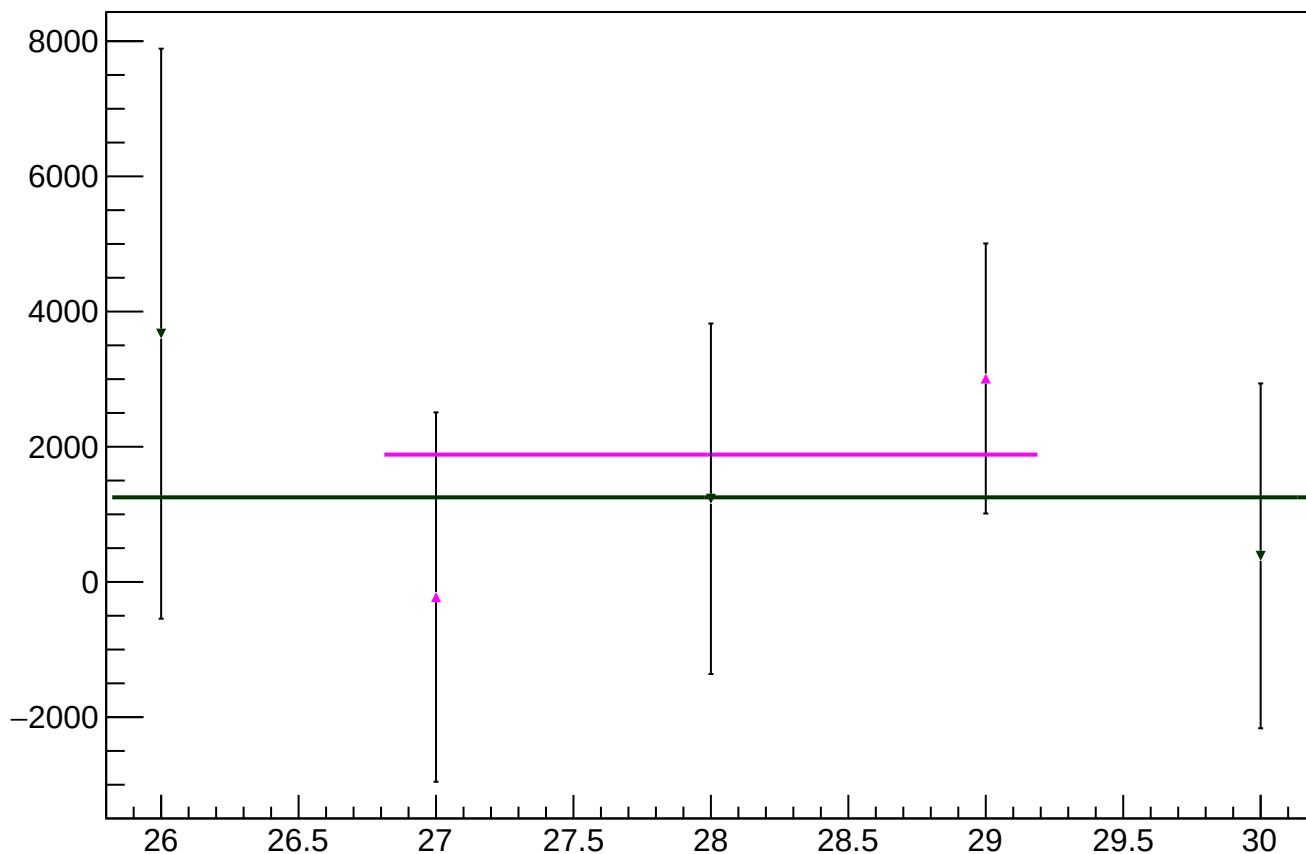
480.868+/-0.255 χ^2/NDF : 38773.0/2

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

490.793+/-0.271 χ^2/NDF : 102306.1/1

Left In: 490.793+/-0.271 χ^2/NDF : 102306.1/1

asym_sam_48_avg_correction_mean vs slug



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

Left Out: 1251.652+/-1669.724 χ^2/NDF : 0.4/2

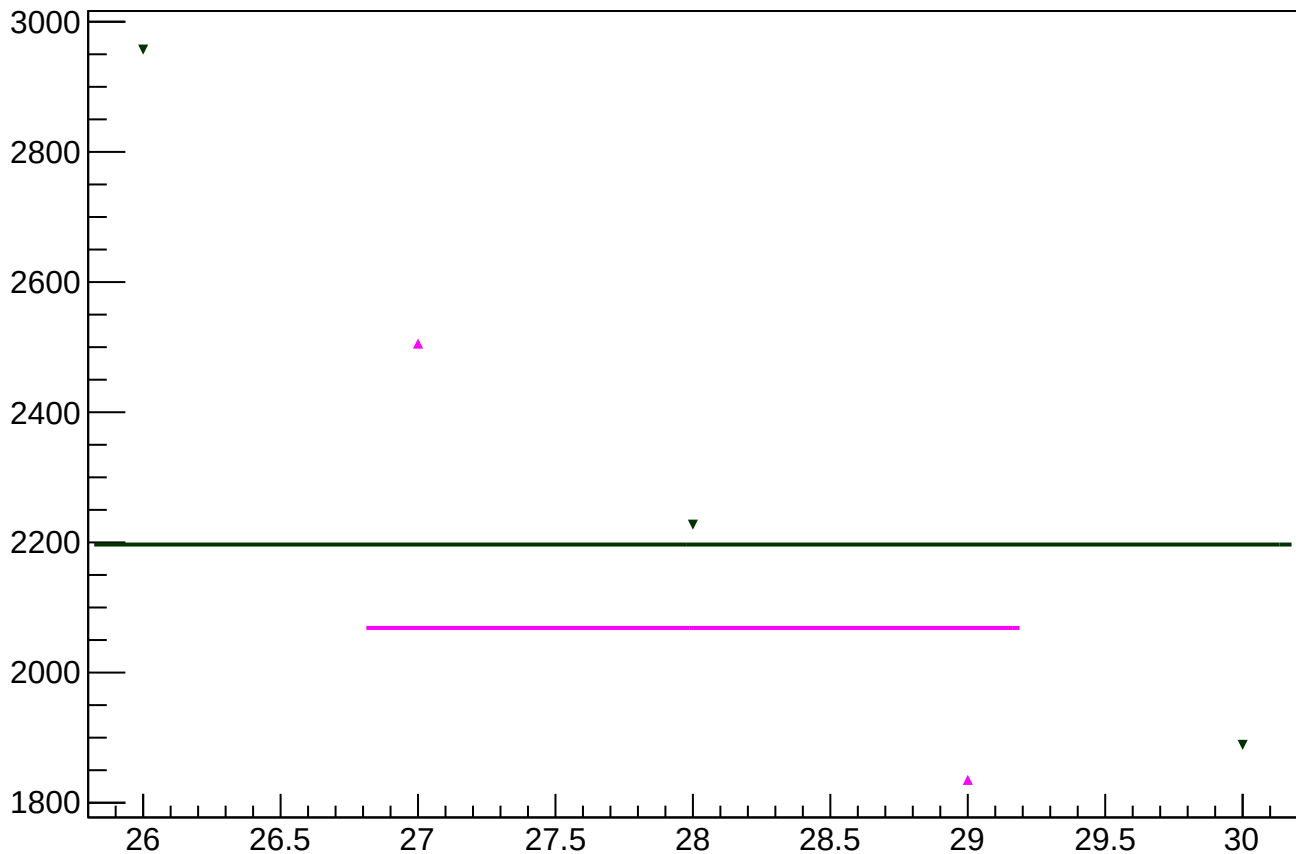
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1883.653+/-1612.548 χ^2/NDF : 0.9/1

1251.652+/-1669.724 χ^2/NDF : 0.4/2

1883.653+/-1612.548 χ^2/NDF : 0.9/1

asym_sam_48_avg_correction_rms vs slug



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

Left Out: 2196.738+/-1.181 χ^2/NDF : 94458.1/2

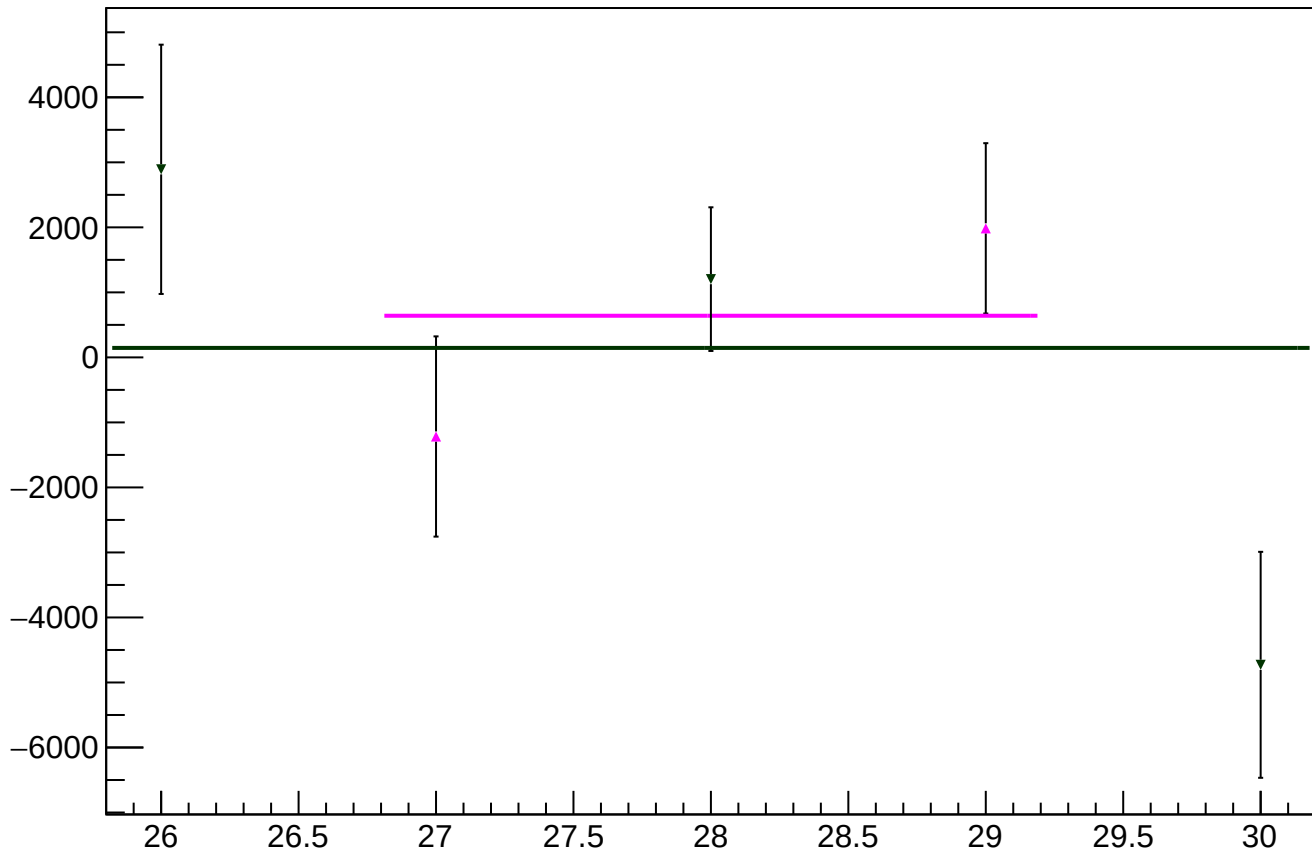
2196.738+/-1.181 χ^2/NDF : 94458.1/2

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

2068.610+/-1.140 χ^2/NDF : 78456.6/1

Left In: 2068.610+/-1.140 χ^2/NDF : 78456.6/1

asym_sam_15_dd_mean vs slug



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

Left Out: 145.736+/-838.435 χ^2/NDF : 10.8/2

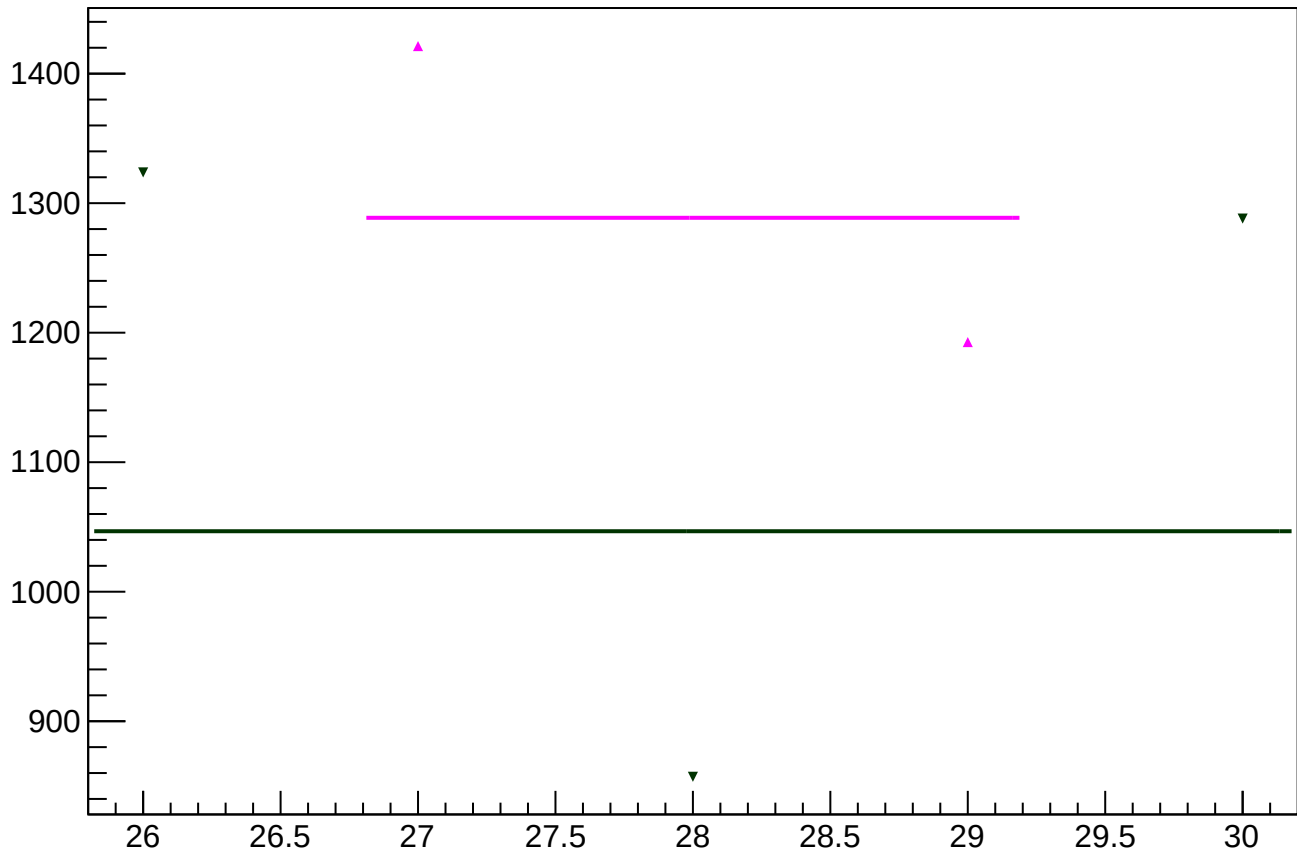
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 640.472+/-997.767 χ^2/NDF : 2.5/1

145.736+/-838.435 χ^2/NDF : 10.8/2

640.472+/-997.767 χ^2/NDF : 2.5/1

asym_sam_15_dd_rms vs slug



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

Left Out: 1046.698+/-0.593 χ^2/NDF :139268.2/2

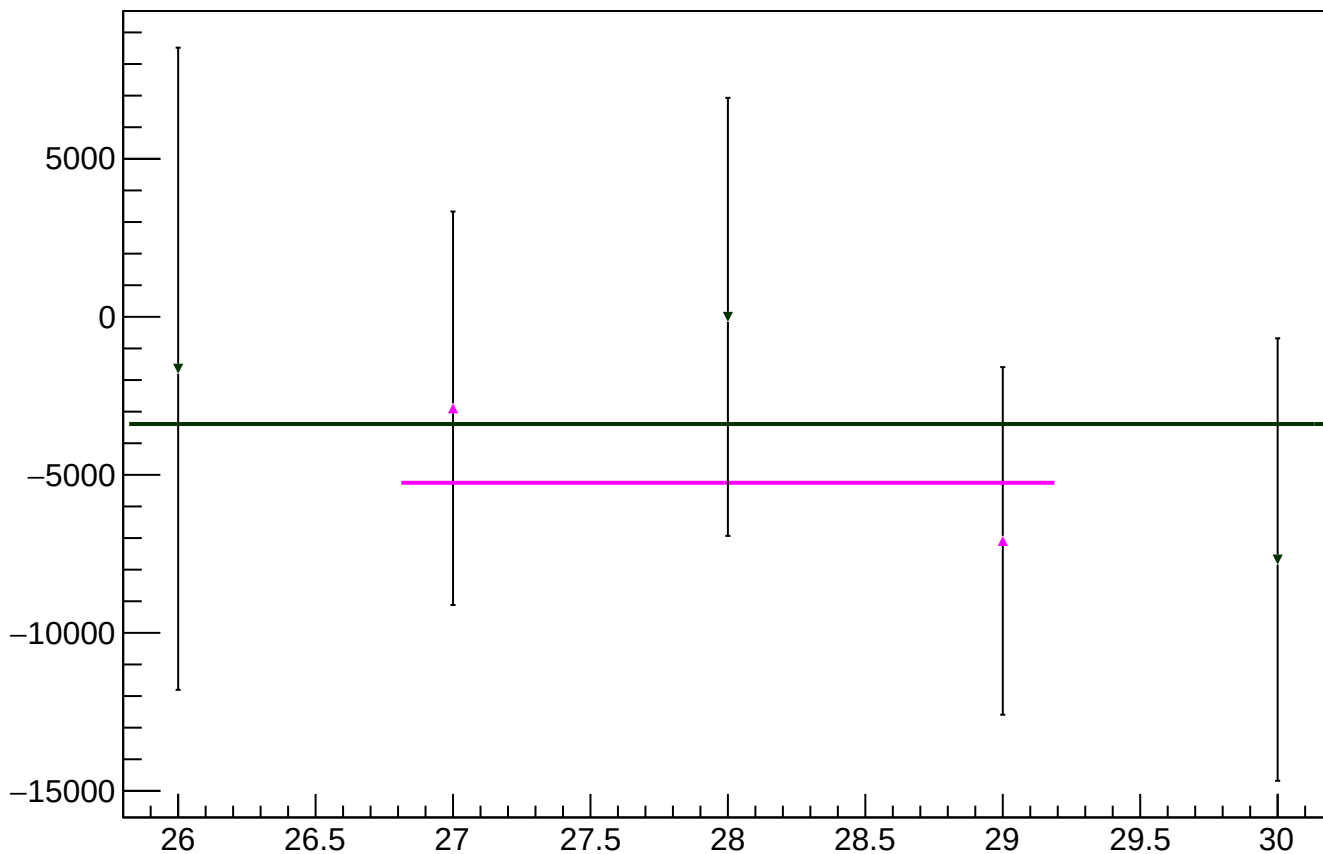
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1288.705+/-0.706 χ^2/NDF :25558.5/1

1046.698+/-0.593 χ^2/NDF : 139268.2/2

1288.705+/-0.706 χ^2/NDF : 25558.5/1

asym_sam_26_dd_mean vs slug



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

Left Out: -3391.324 +/- 4431.858 χ^2/NDF : 0.6/2

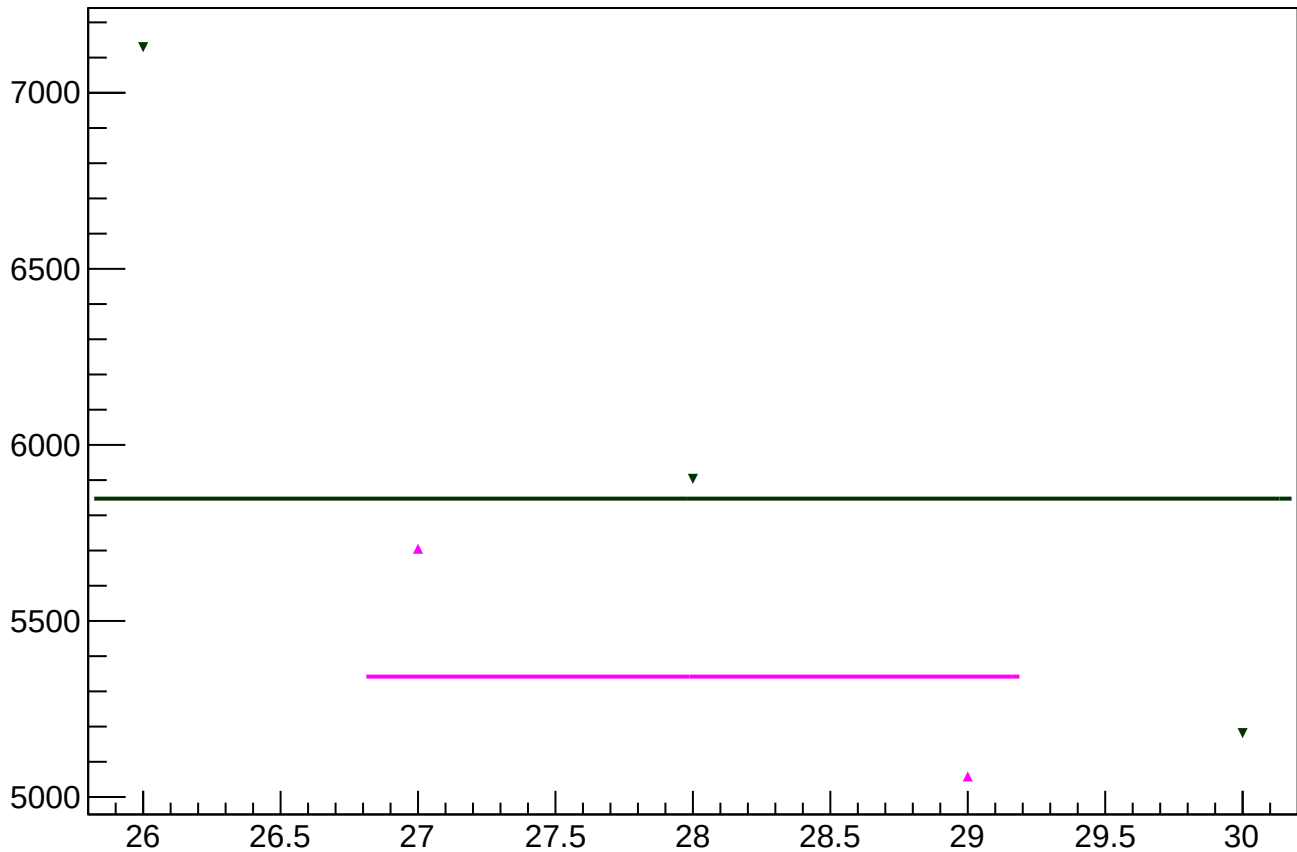
Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: -5250.706 +/- 4121.463 χ^2/NDF : 0.3/1

-3391.324 +/- 4431.858 χ^2/NDF : 0.6/2

-5250.706 +/- 4121.463 χ^2/NDF : 0.3/1

asym_sam_26_dd_rms vs slug



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

Left Out: 5847.413+/-3.134 χ^2/NDF : 50082.9/2

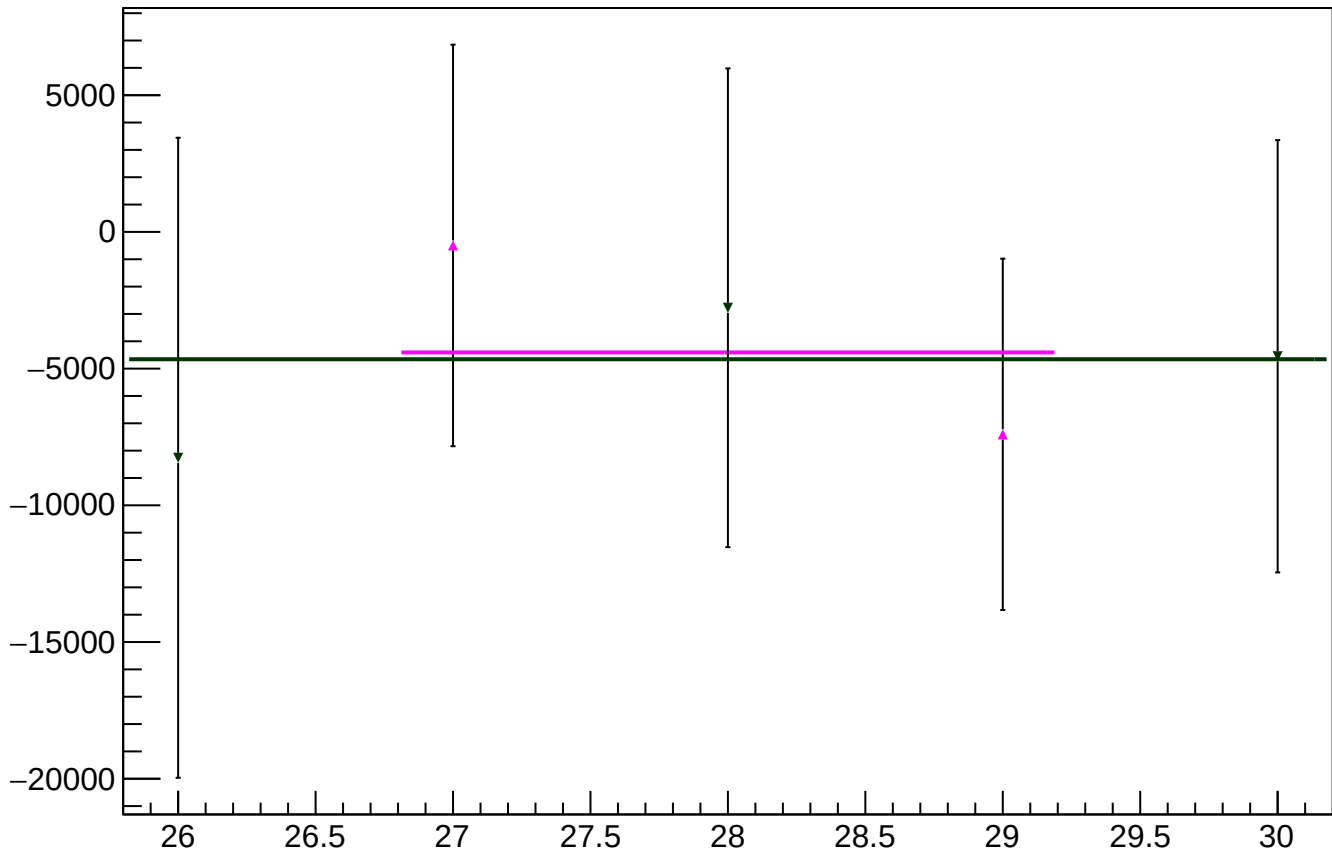
5847.413+/-3.134 χ^2/NDF : 50082.9/2

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

5341.959+/-2.914 χ^2/NDF : 12124.7/1

Left In: 5341.959+/-2.914 χ^2/NDF : 12124.7/1

asym_sam_37_dd_mean vs slug



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

Left Out: -4657.103+/-5245.257 χ^2/NDF : 0.1/2

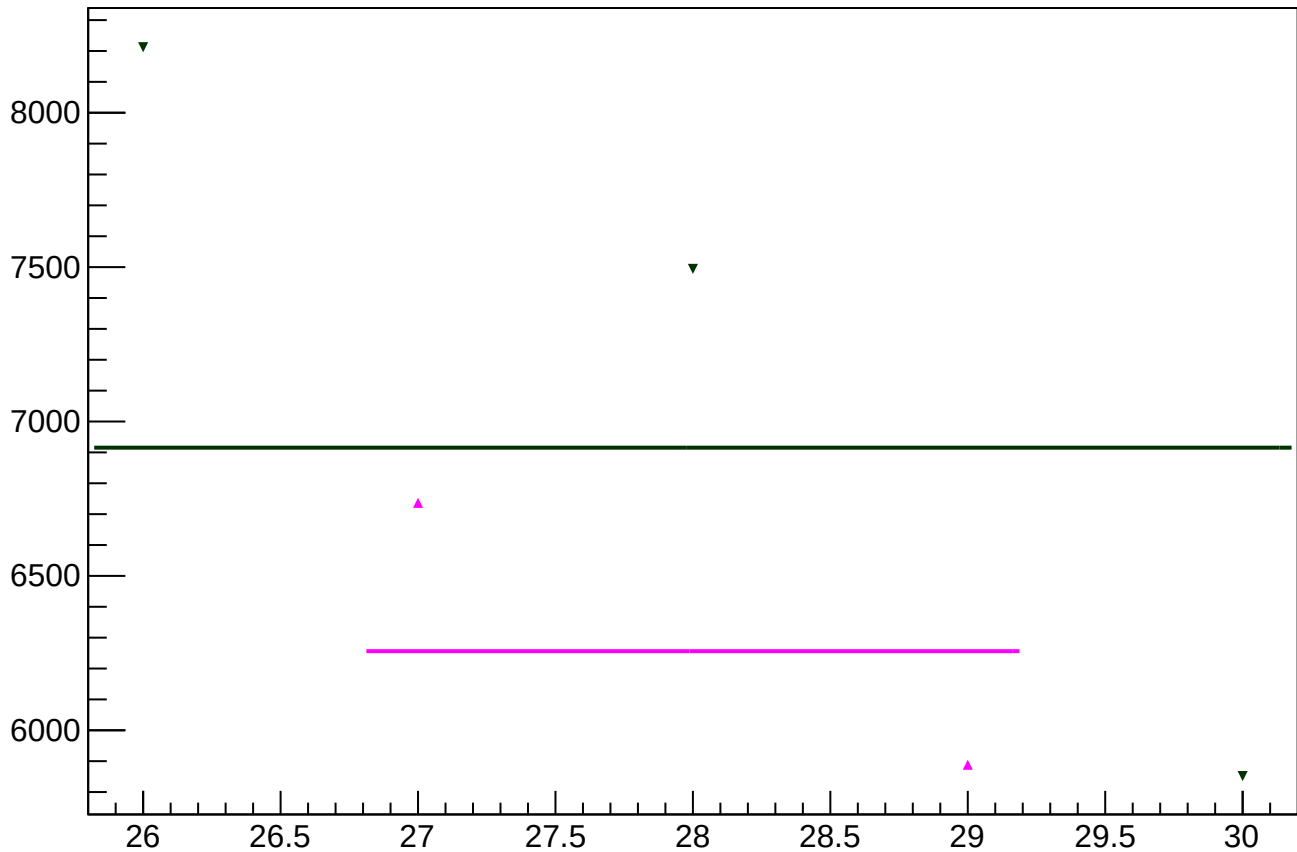
-4657.103+/-5245.257 χ^2/NDF : 0.1/2

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

-4407.924+/-4835.365 χ^2/NDF : 0.5/1

Left In: -4407.924+/-4835.365 χ^2/NDF : 0.5/1

asym_sam_37_dd_rms vs slug



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

Left Out: 6915.292+/-3.709 χ^2/NDF : 69501.1/2

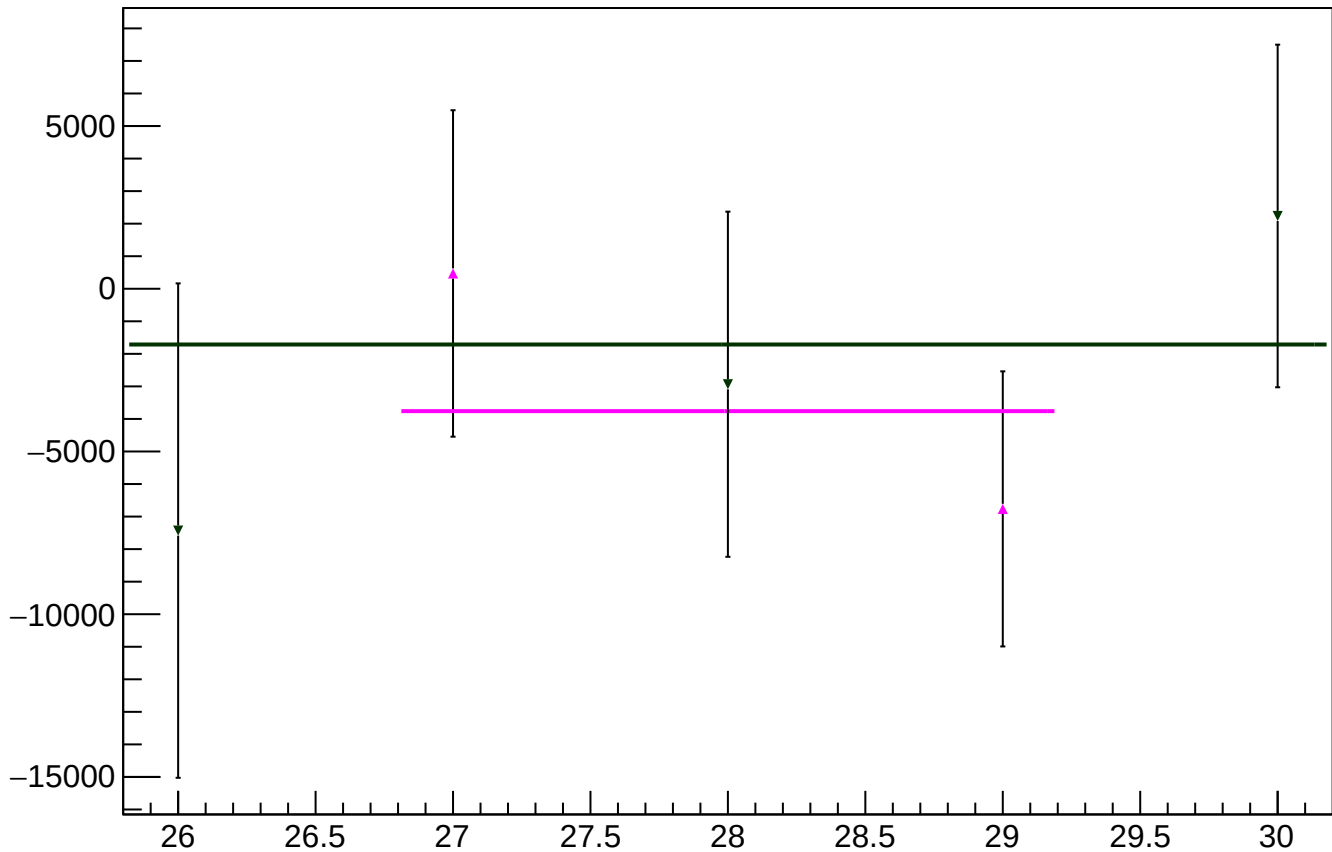
6915.292+/-3.709 χ^2/NDF : 69501.1/2

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

6256.250+/-3.419 χ^2/NDF : 15113.9/1

Left In: 6256.250+/-3.419 χ^2/NDF : 15113.9/1

asym_sam_48_dd_mean vs slug



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

Left Out: -1712.742+/-3352.185 χ^2/NDF : 1.2/2

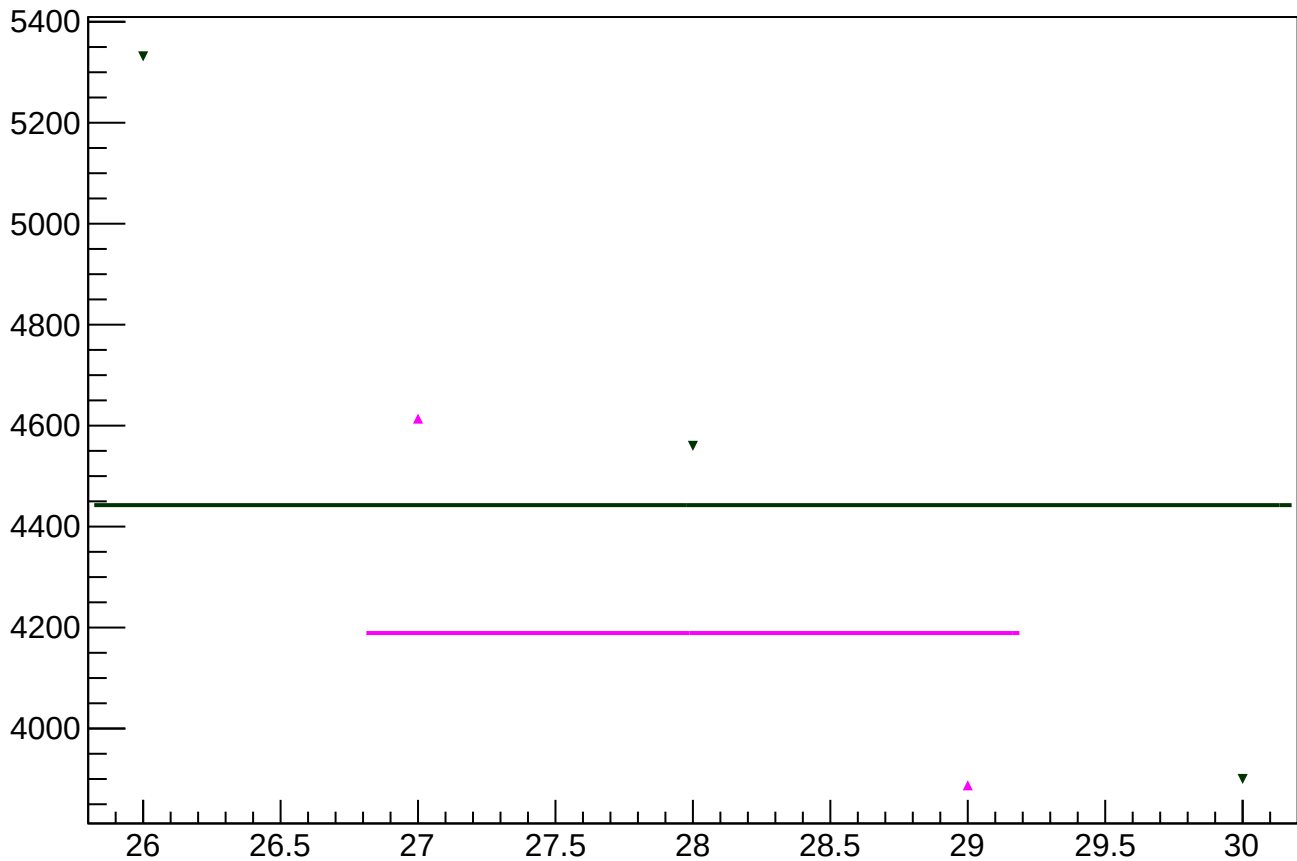
-1712.742+/-3352.185 χ^2/NDF : 1.2/2

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

-3760.242+/-3231.827 χ^2/NDF : 1.2/1

Left In: -3760.242+/-3231.827 χ^2/NDF : 1.2/1

asym_sam_48_dd_rms vs slug



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

Left Out: 4442.538+/-2.370 χ^2/NDF : 49617.0/2

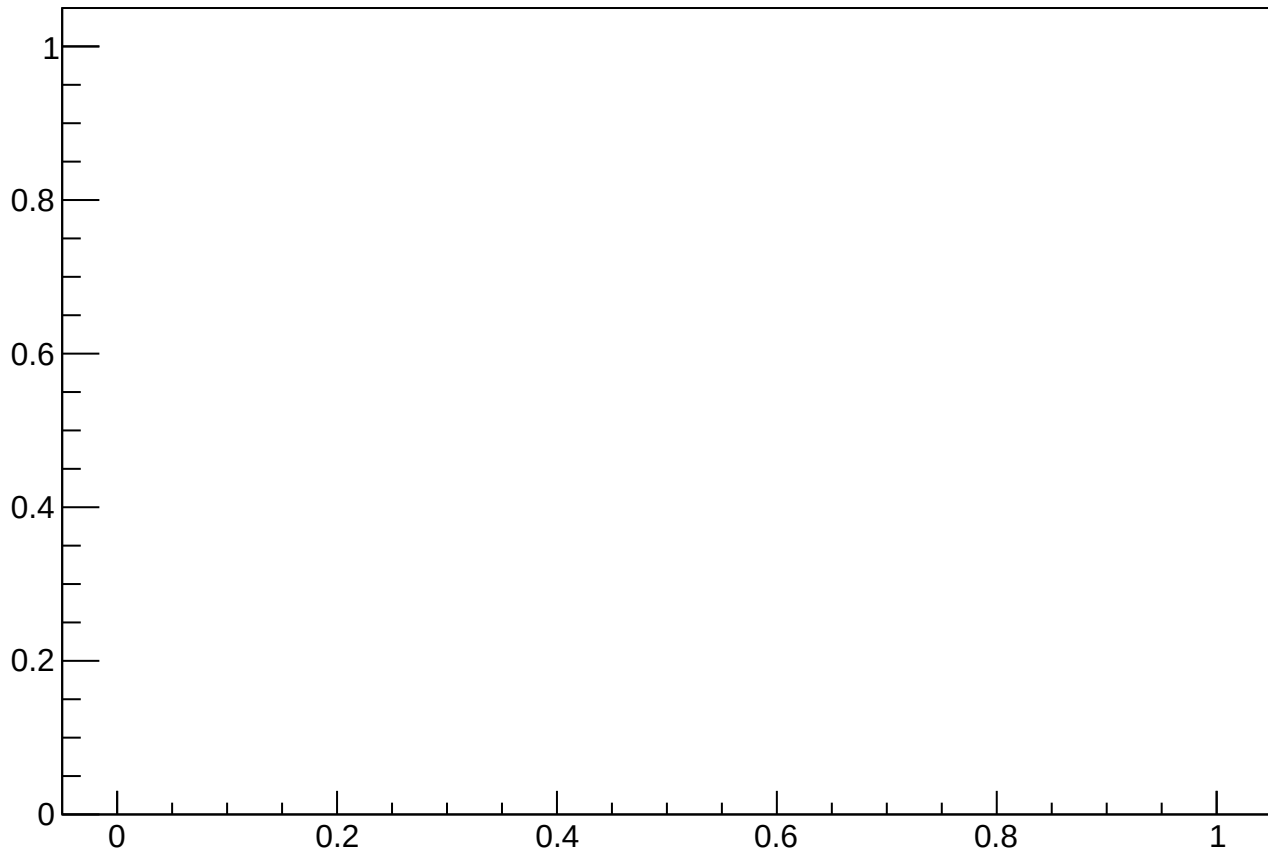
4442.538+/-2.370 χ^2/NDF : 49617.0/2

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

4189.188+/-2.285 χ^2/NDF : 24535.0/1

Left In: 4189.188+/-2.285 χ^2/NDF : 24535.0/1

yield_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

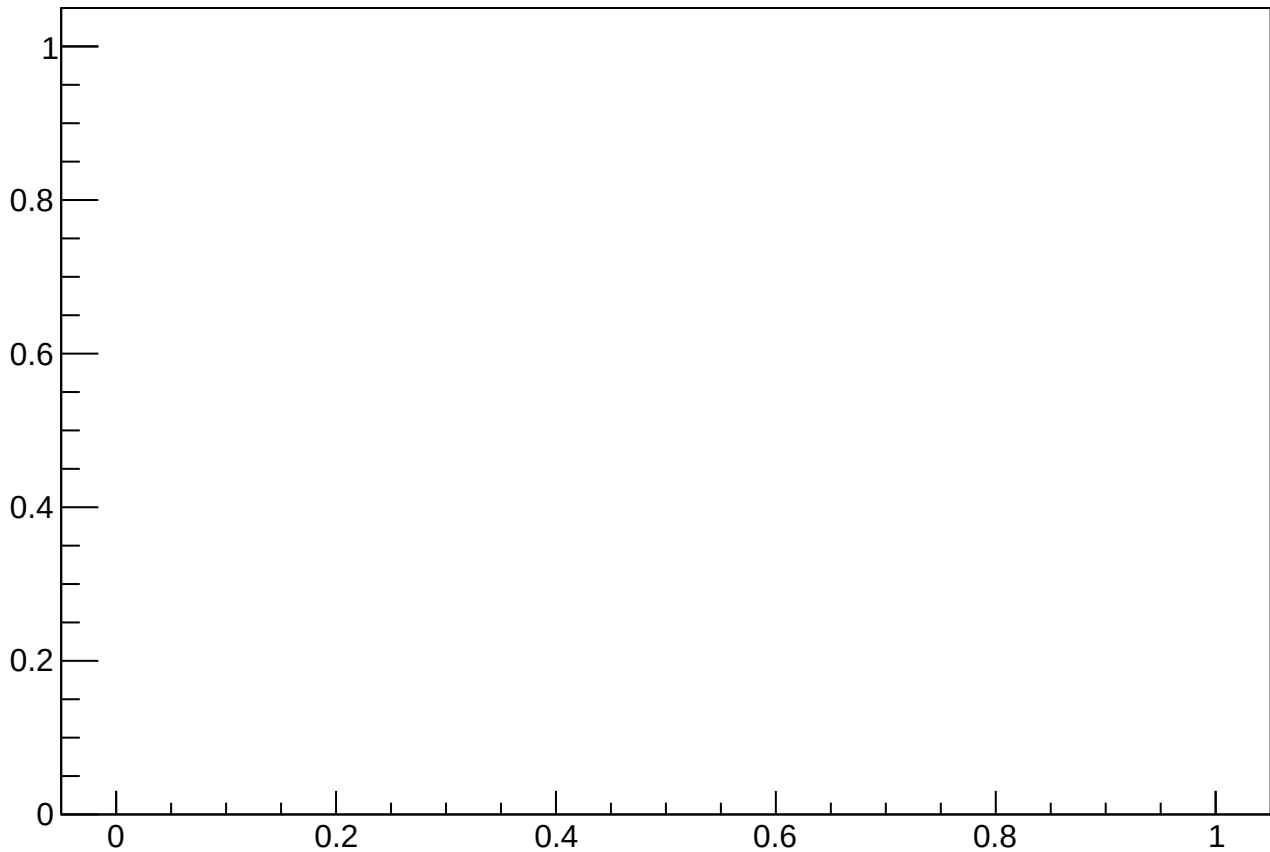
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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

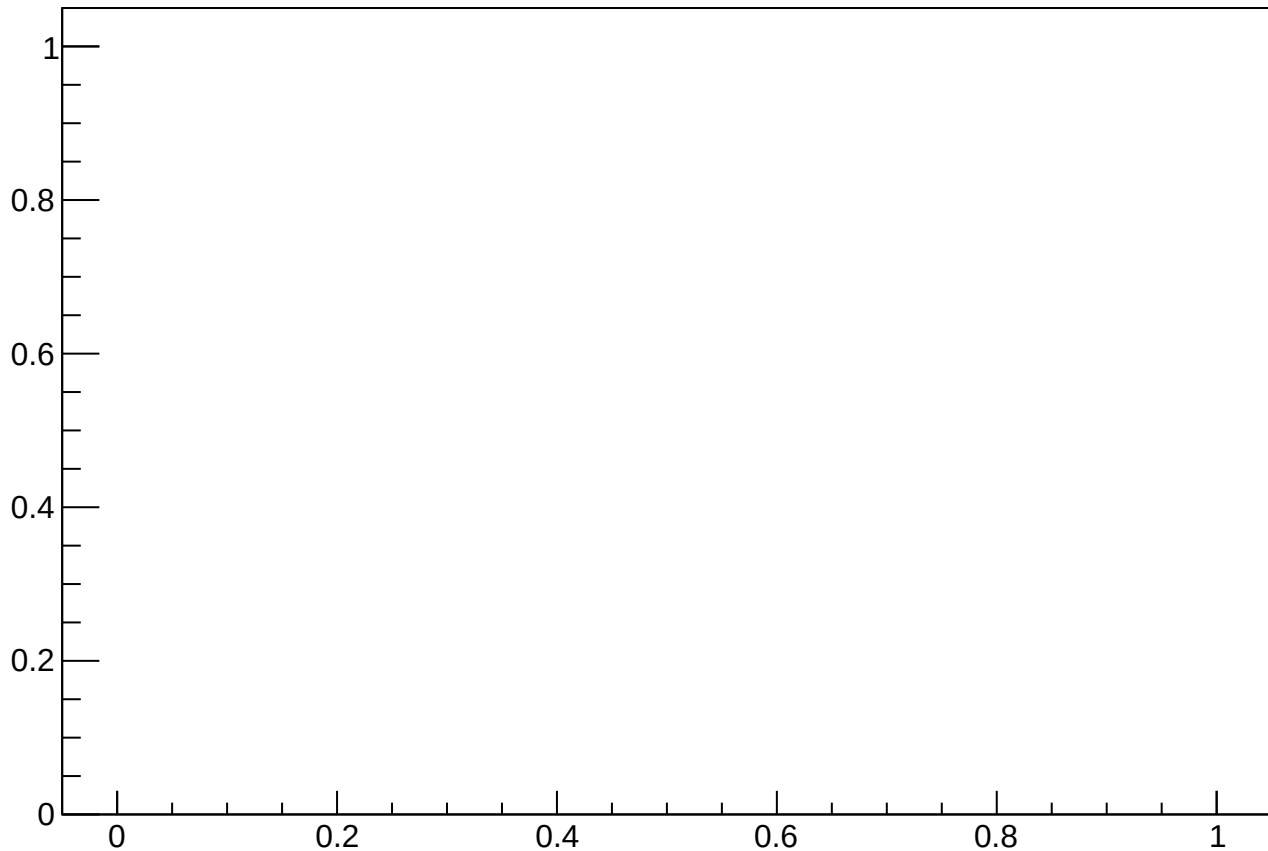
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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

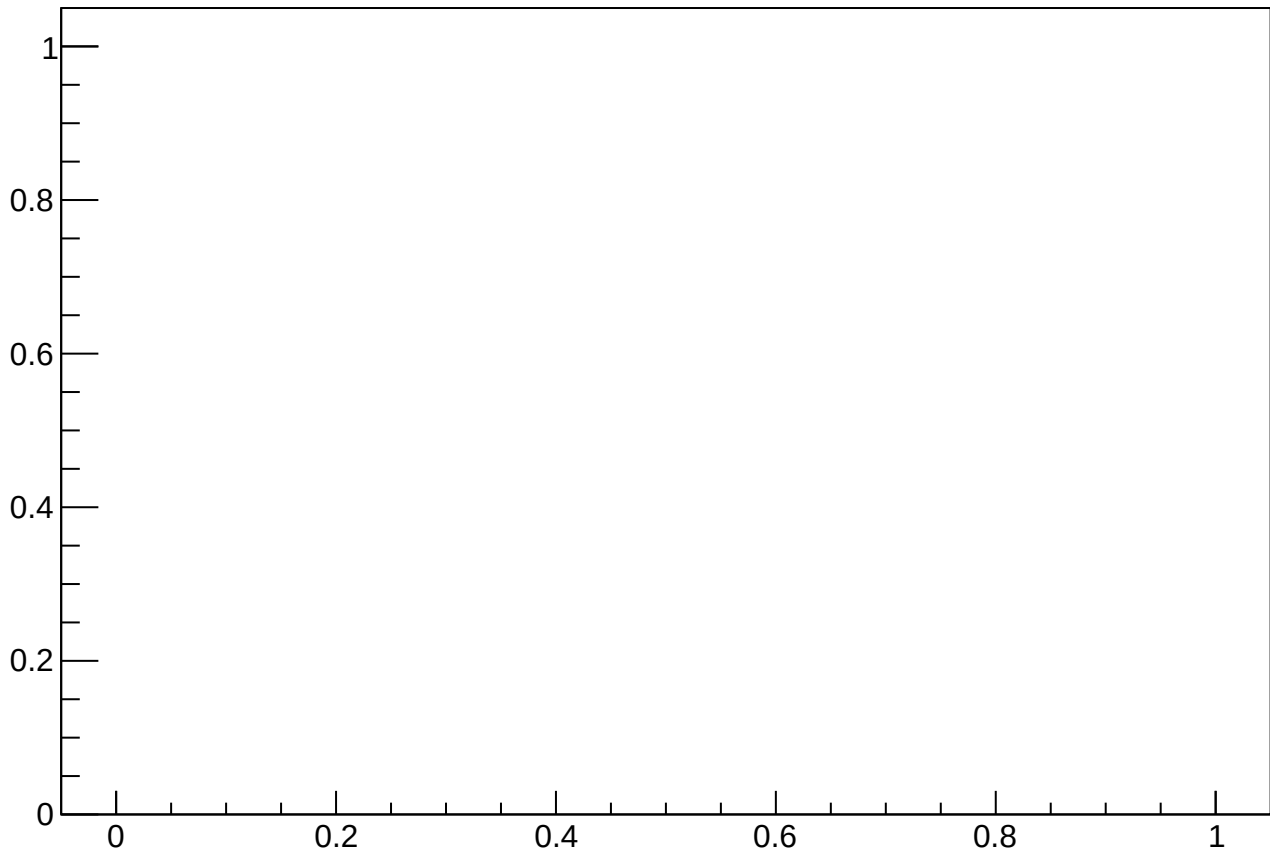
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

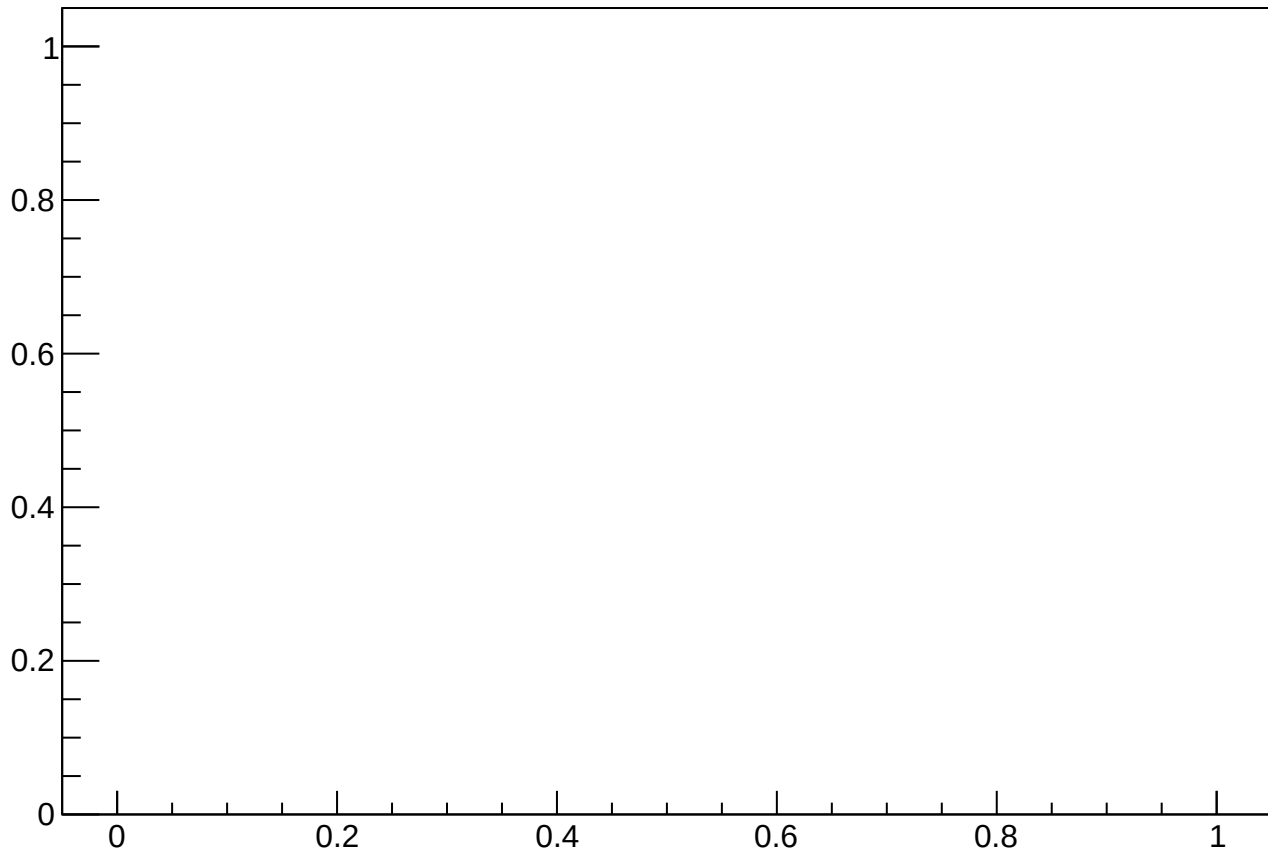
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_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

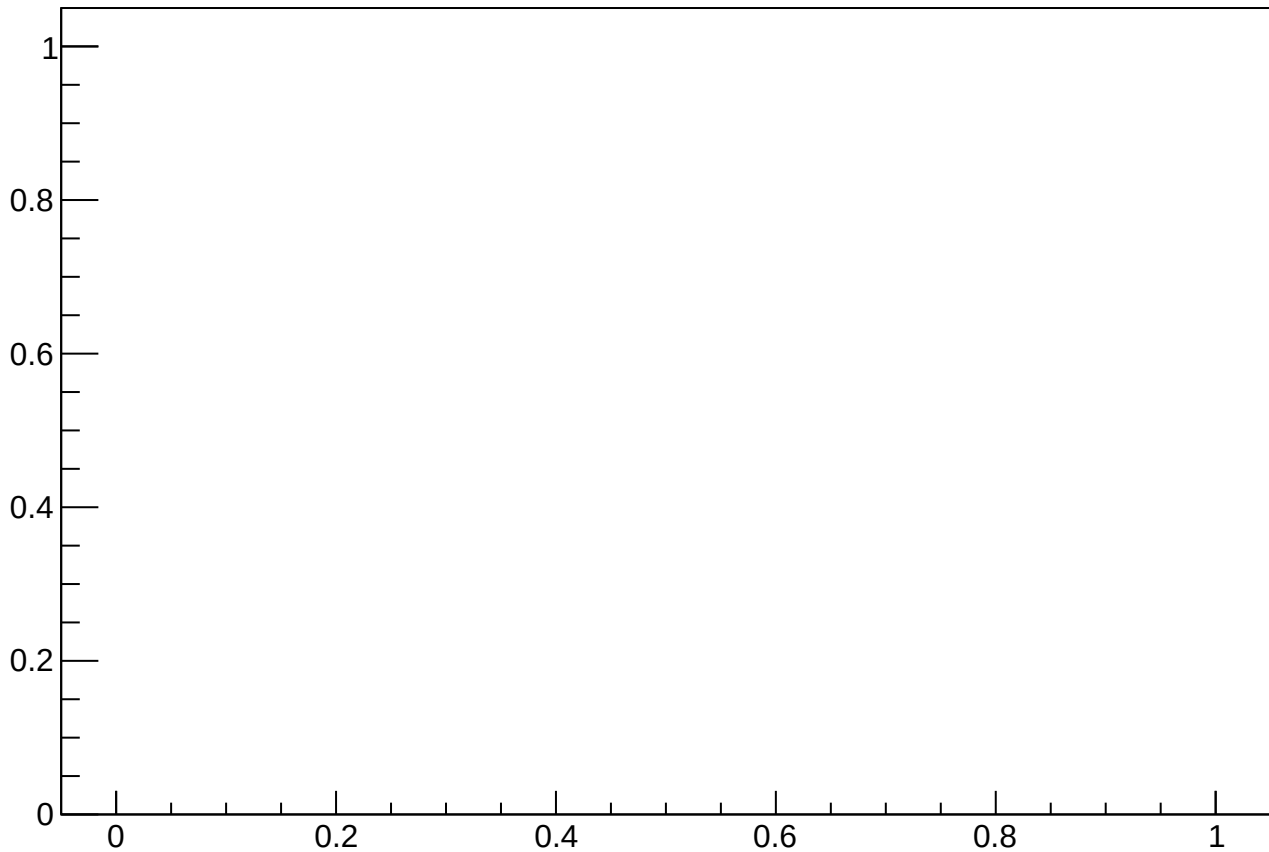
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-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

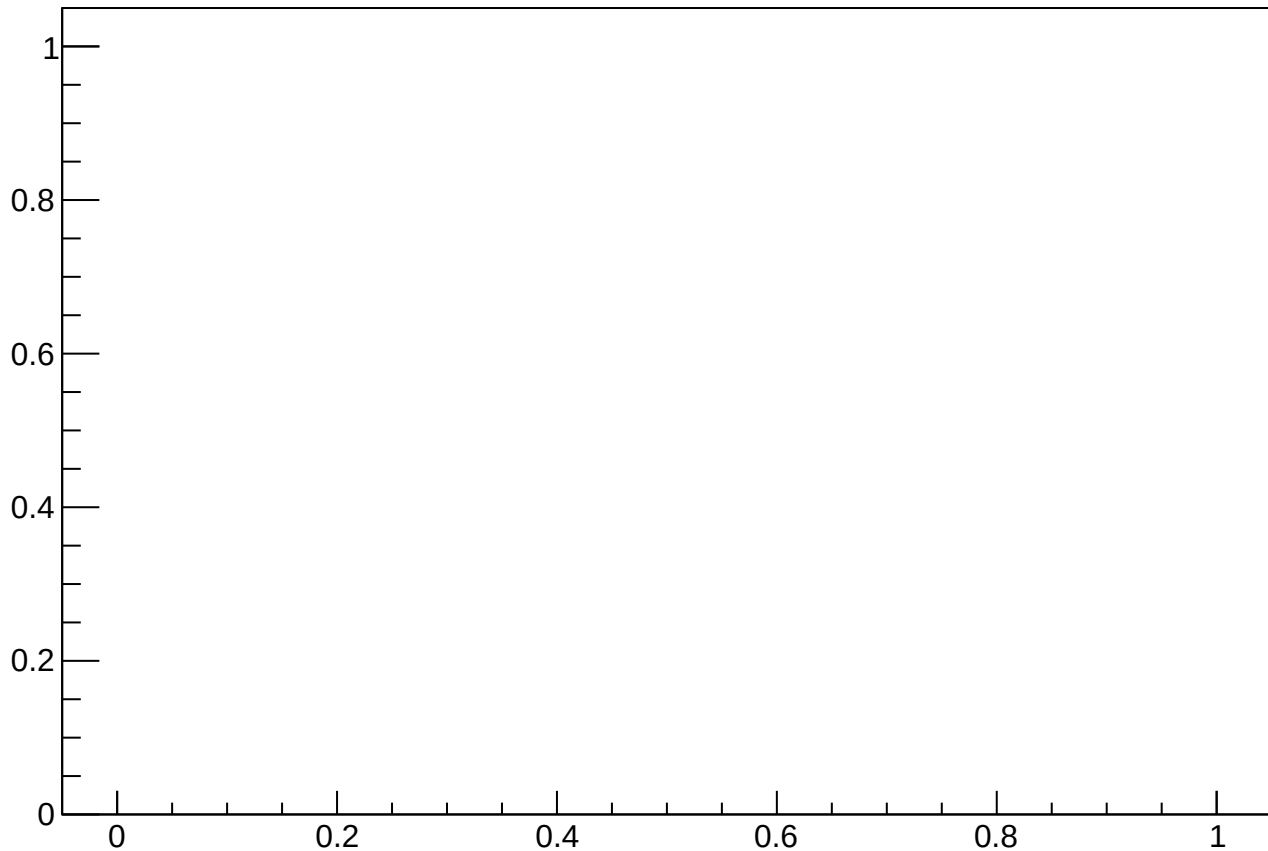
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

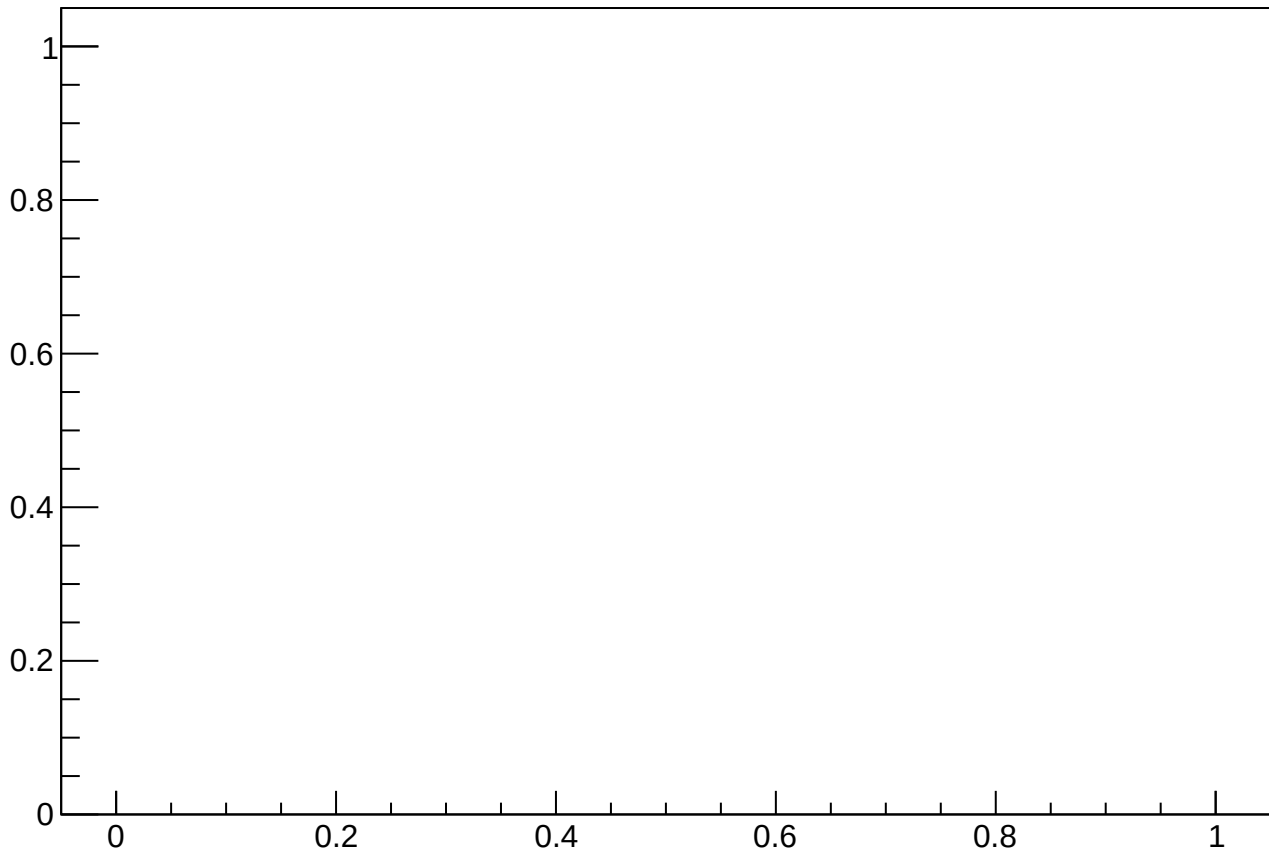
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

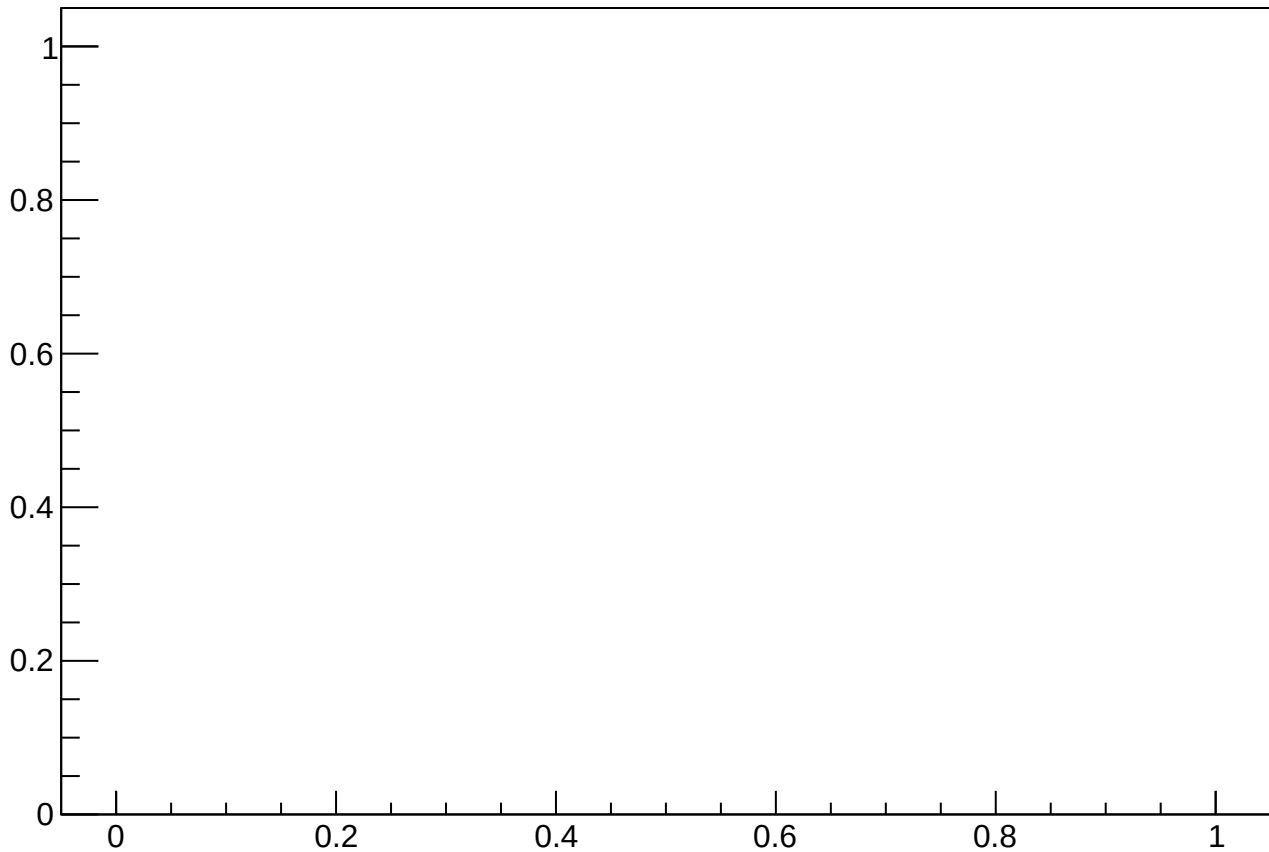
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

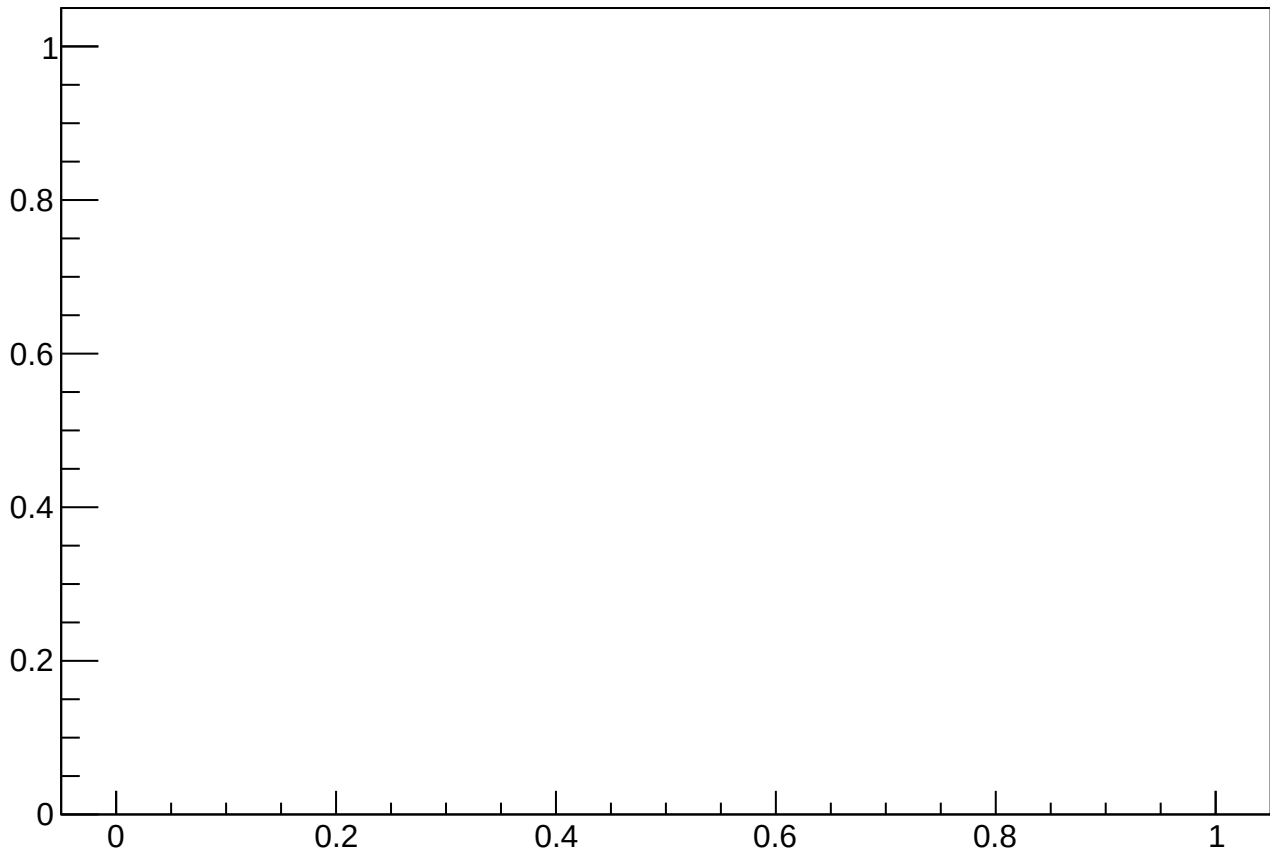
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

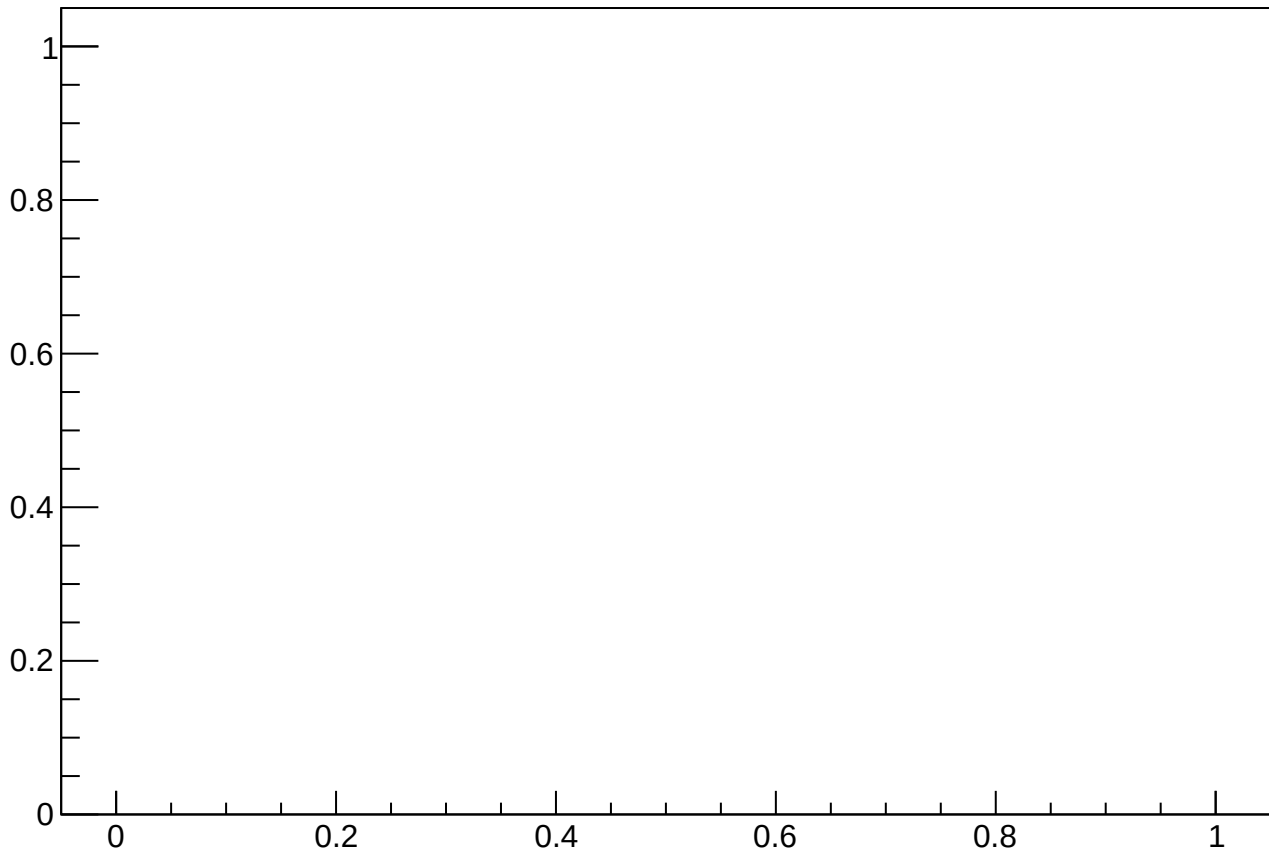
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

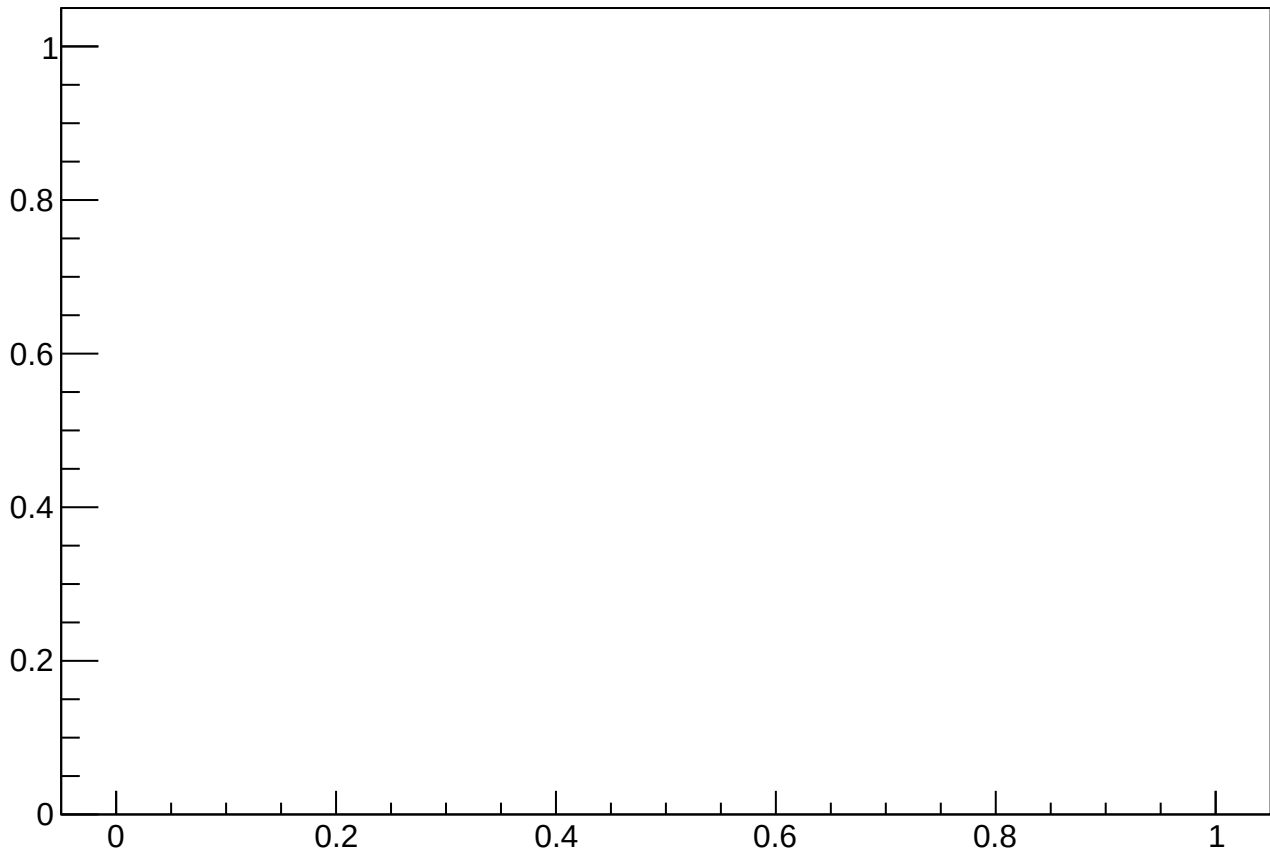
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

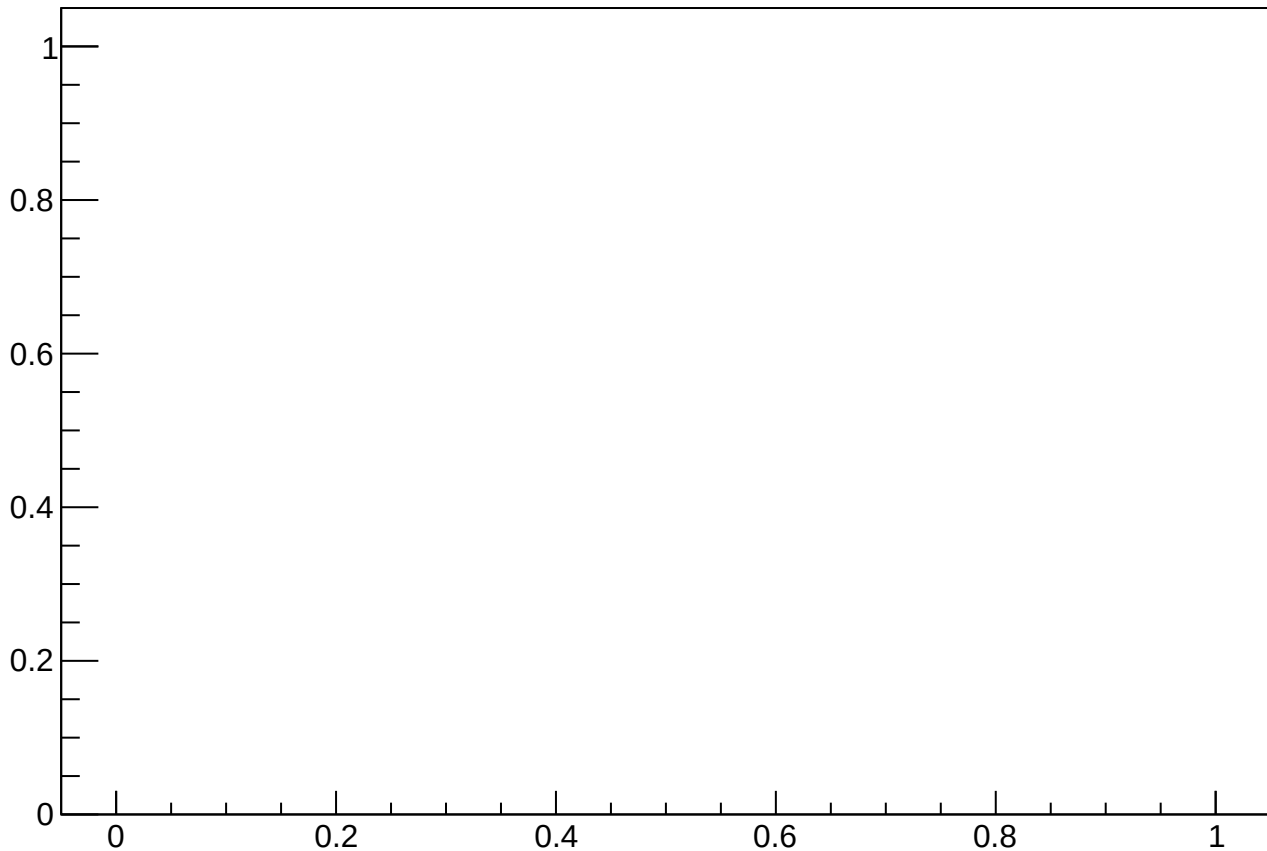
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

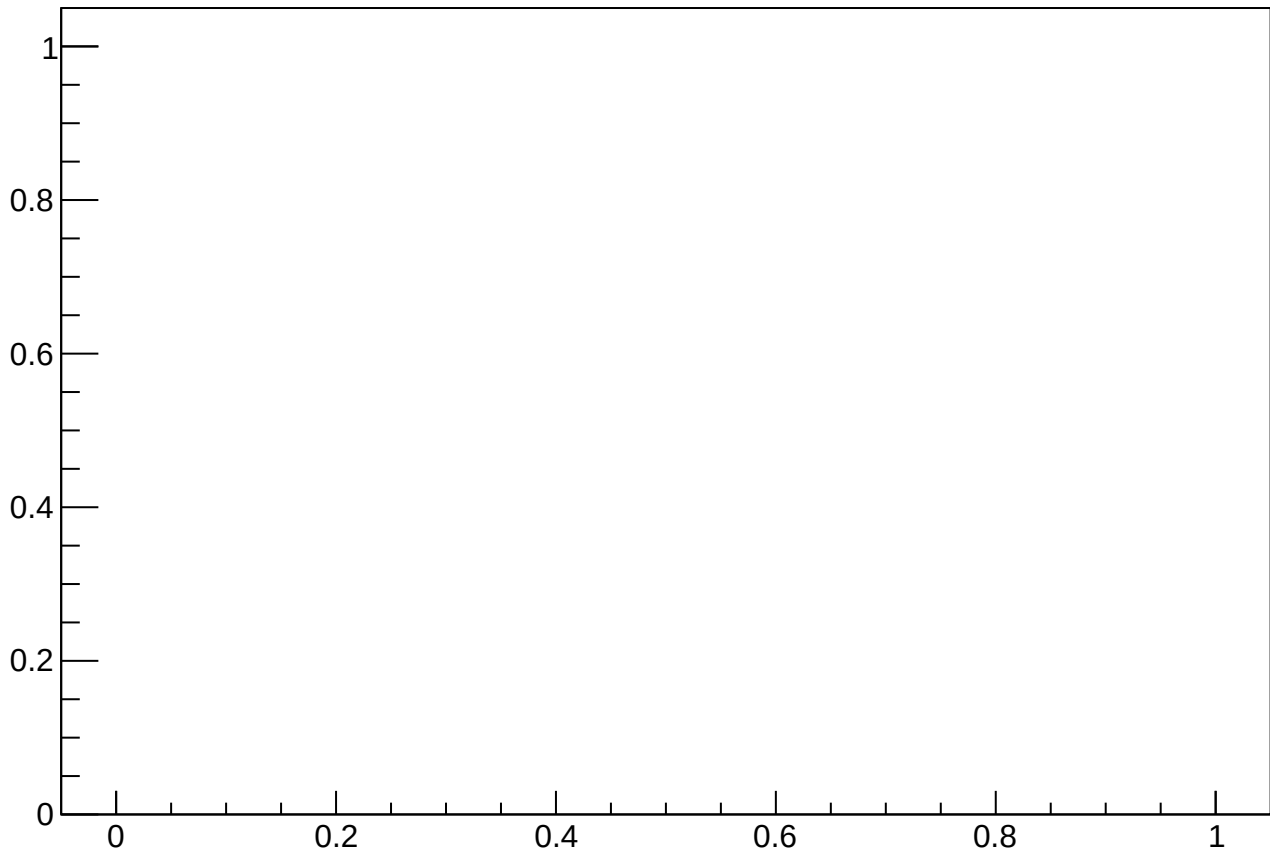
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

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

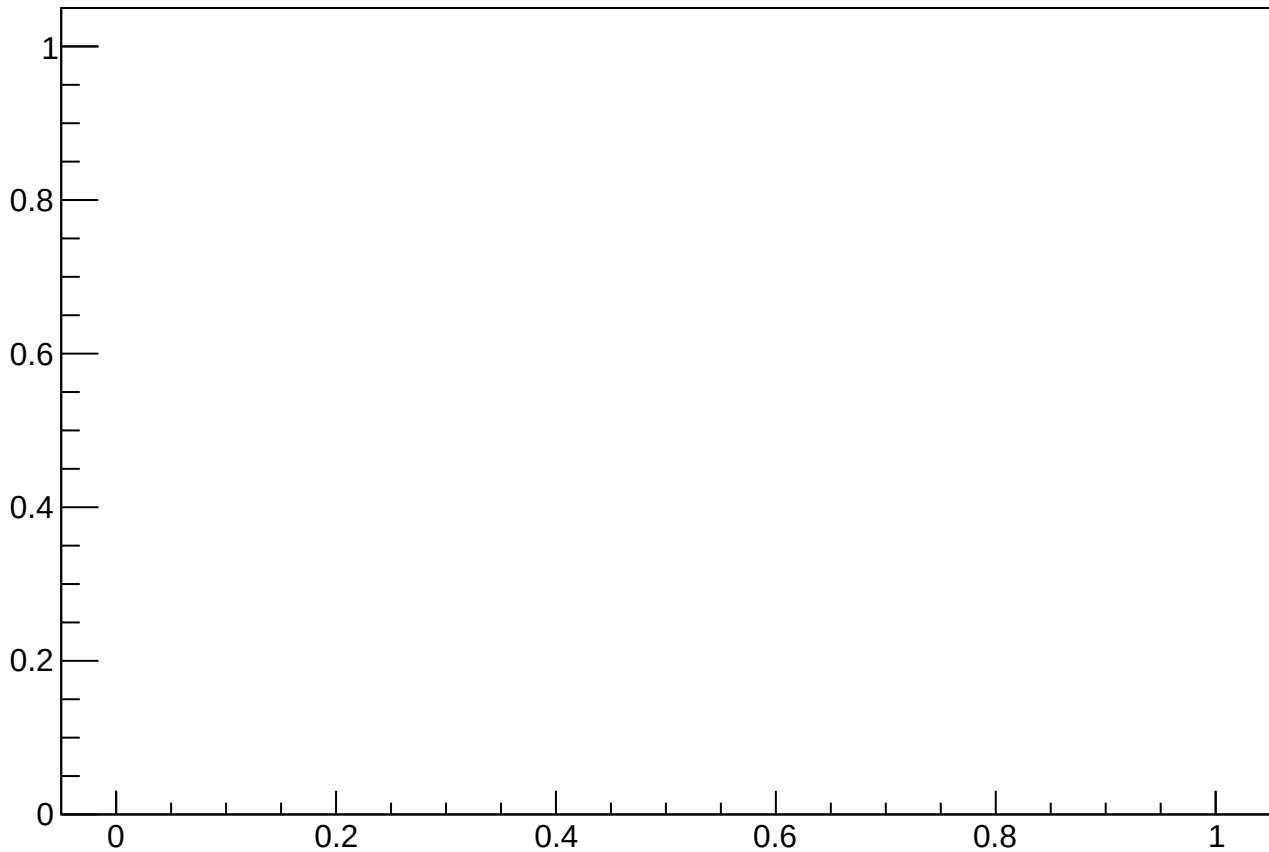
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

cor_sam_48_dd_mean vs slug



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

0.000+/-0.000 χ^2/NDF : 0.0/0

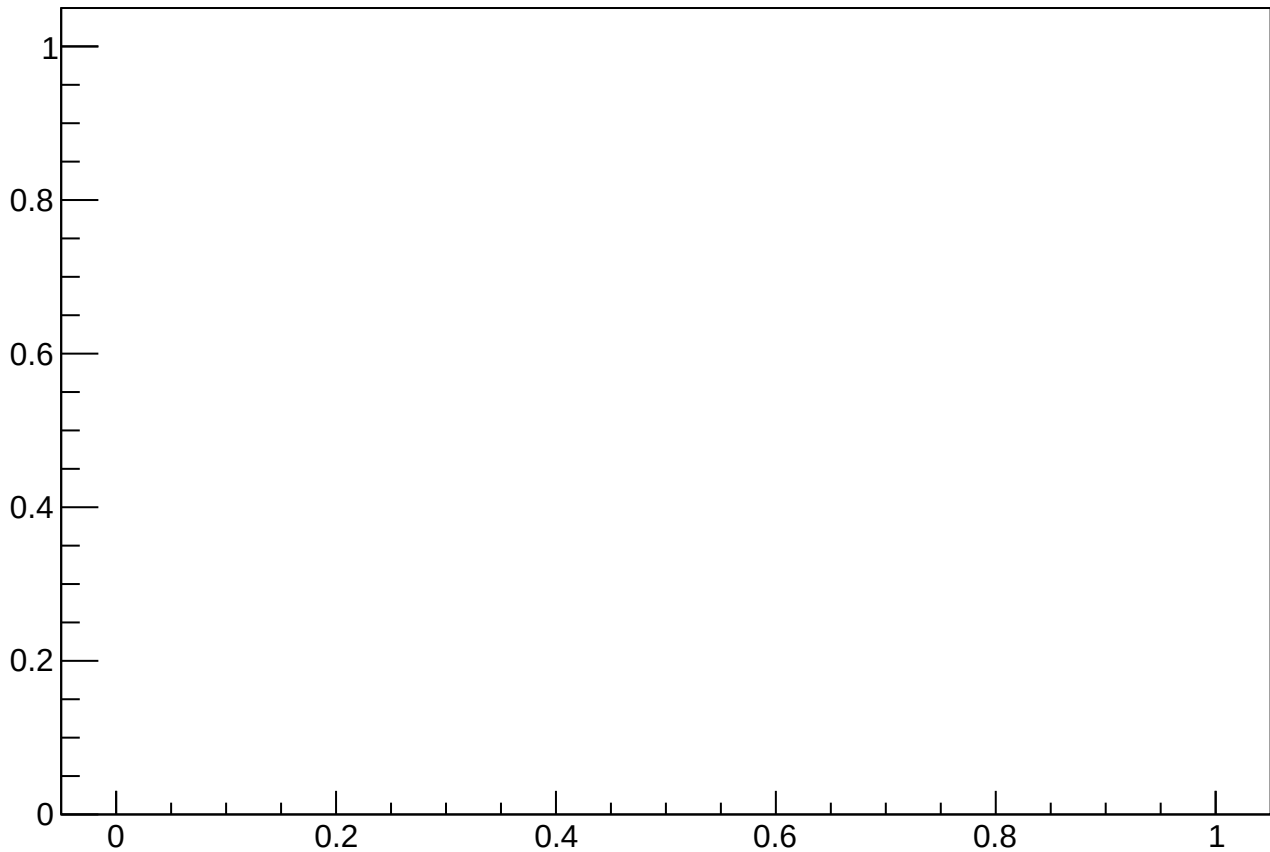
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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_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

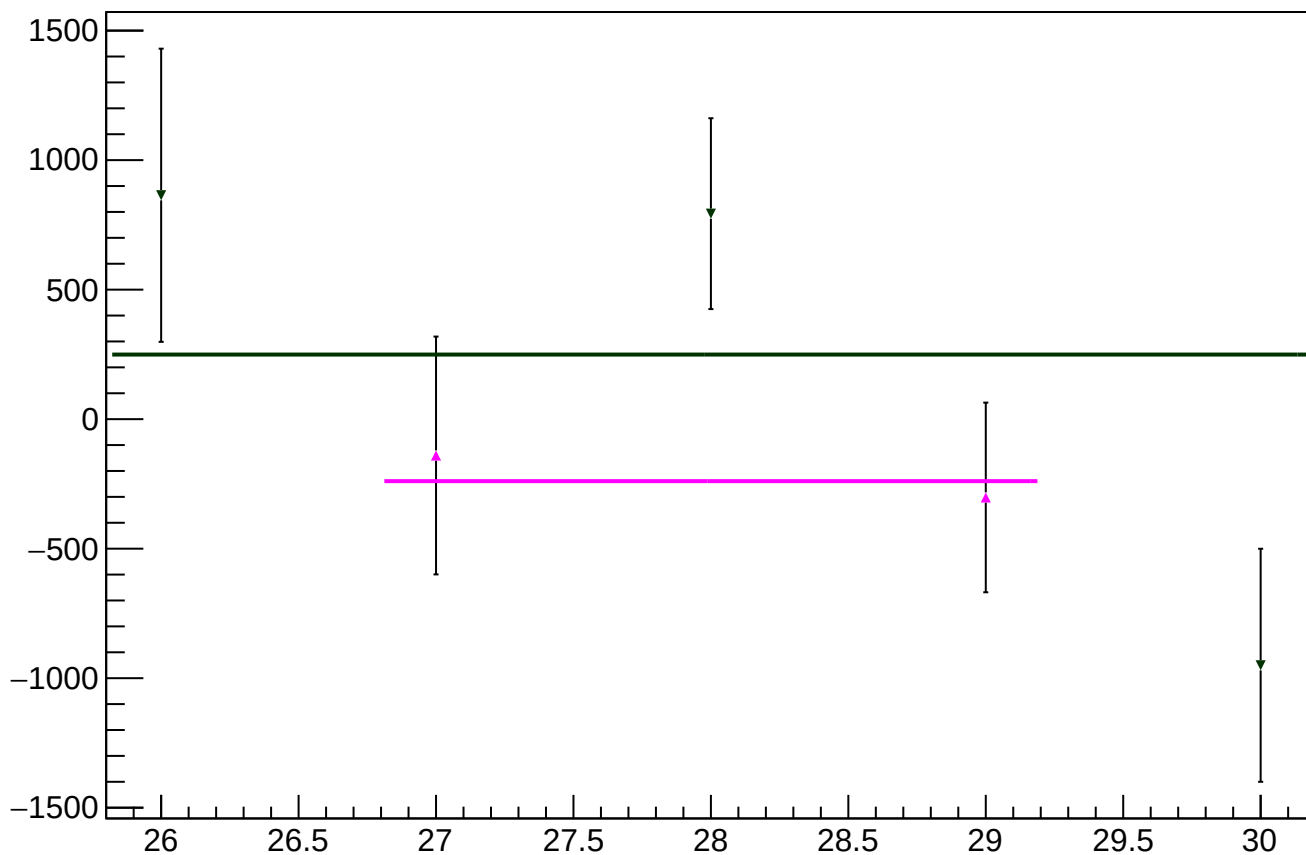
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

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

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_mean vs slug



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

Left Out: 249.365+/-254.552 χ^2/NDF : 10.5/2

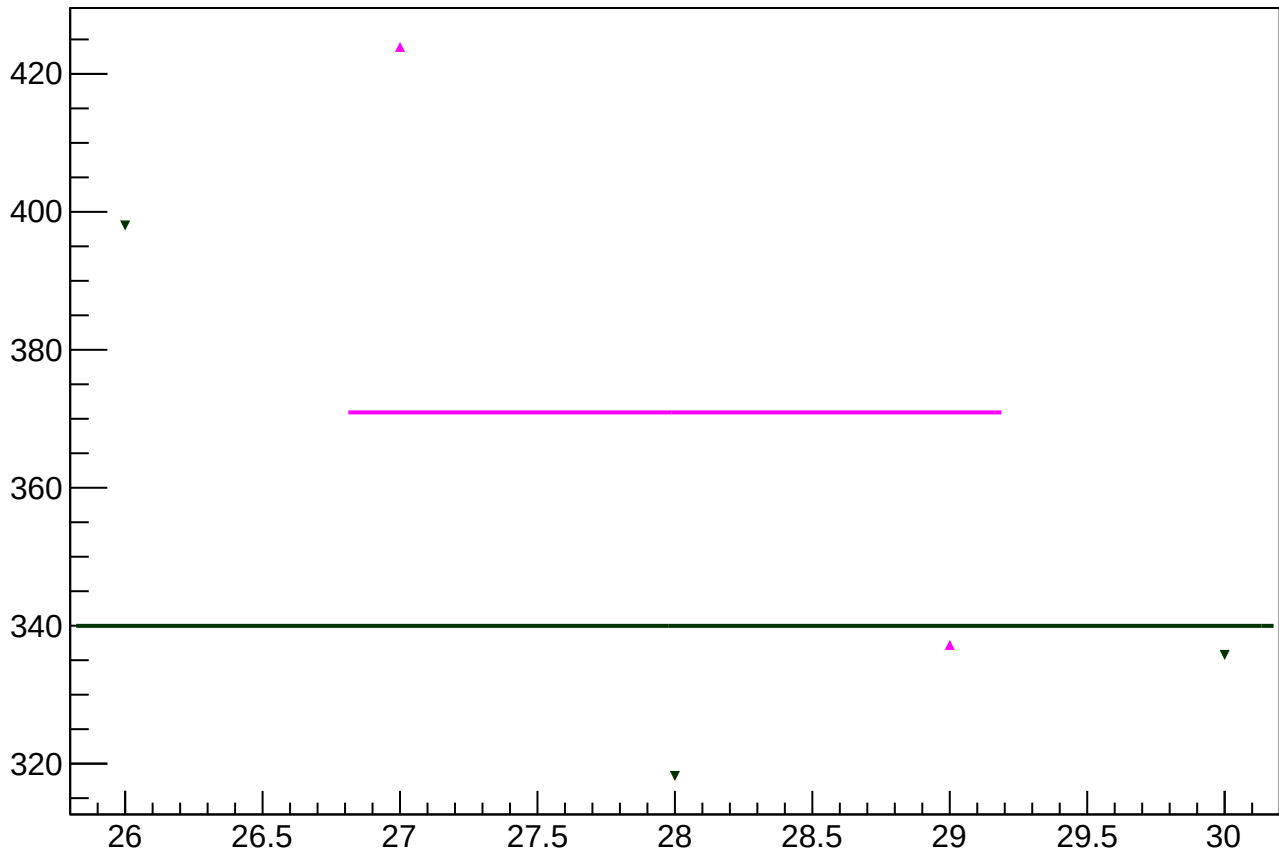
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -239.286+/-286.231 χ^2/NDF : 0.1/1

249.365+/-254.552 χ^2/NDF : 10.5/2

-239.286+/-286.231 χ^2/NDF : 0.1/1

reg_asym_sam_15_dd_rms vs slug



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

Left Out: 339.979+/-0.180 χ^2/NDF : 28198.9/2

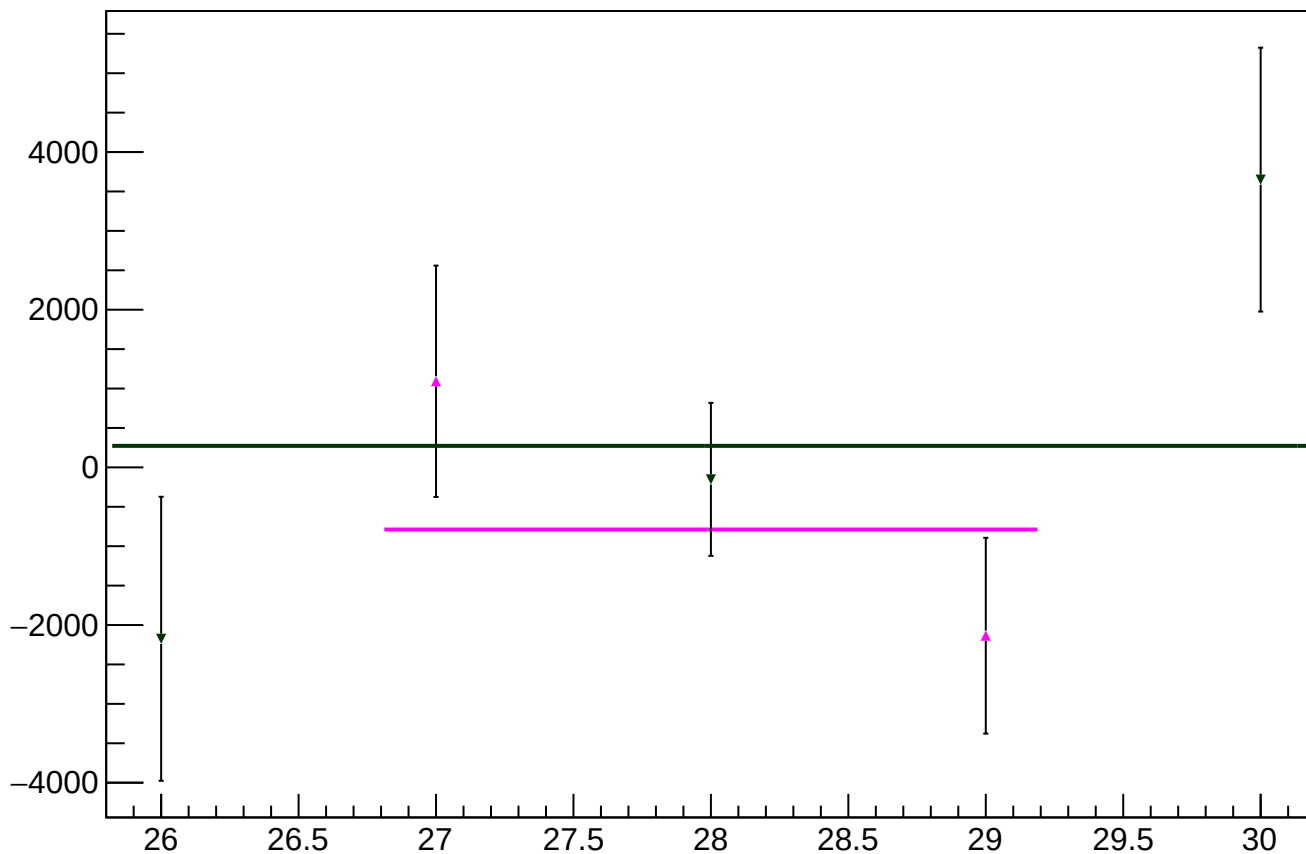
339.979+/-0.180 χ^2/NDF : 28198.9/2

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

370.924+/-0.202 χ^2/NDF : 43599.0/1

Left In: 370.924+/-0.202 χ^2/NDF : 43599.0/1

asym_sam_15_dd_correction_mean vs slug



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

Left Out: 272.984+/-761.047 χ^2/NDF : 6.1/2

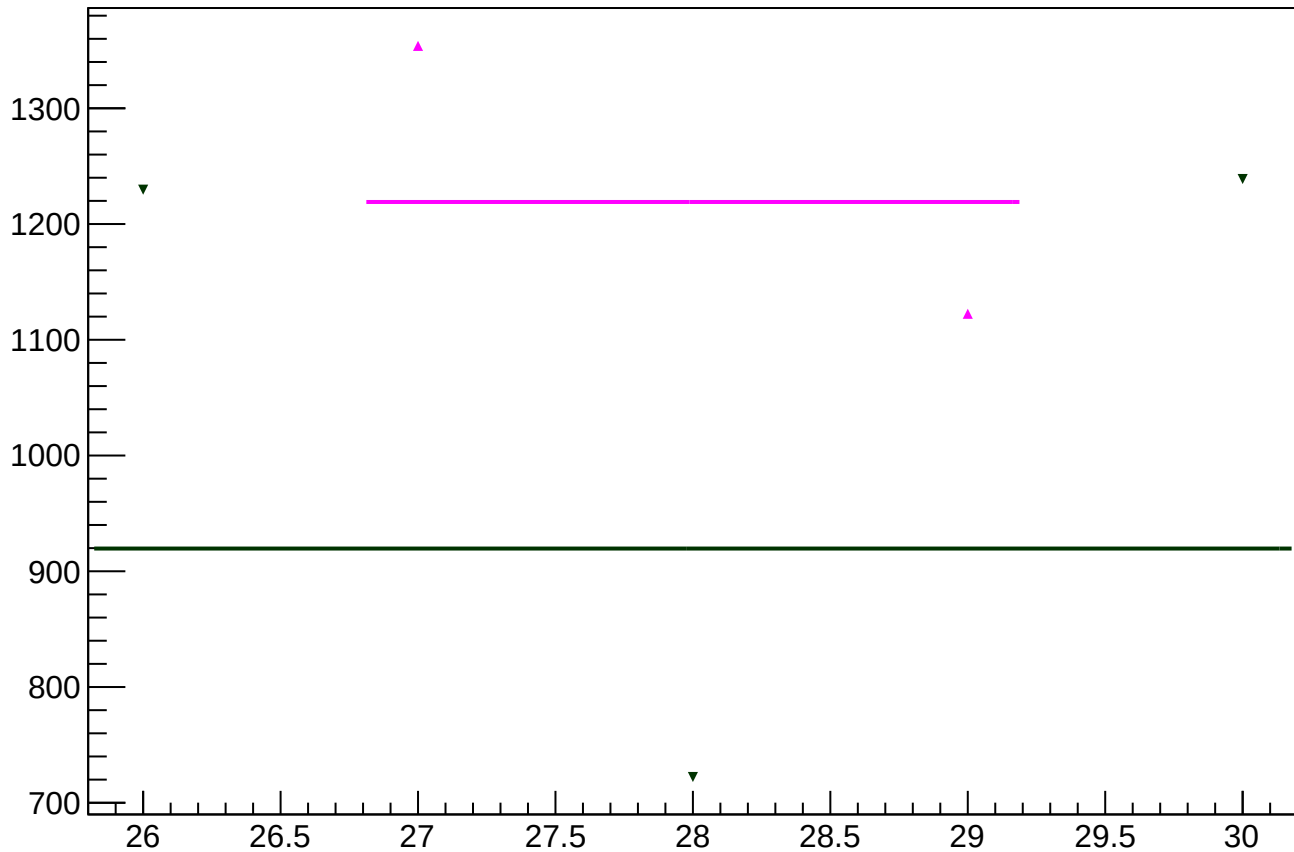
272.984+/-761.047 χ^2/NDF : 6.1/2

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

-788.853+/-947.981 χ^2/NDF : 2.8/1

Left In: -788.853+/-947.981 χ^2/NDF : 2.8/1

asym_sam_15_dd_correction_rms vs slug



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

Left Out: 919.637+/-0.538 χ^2/NDF : 214703.9/2

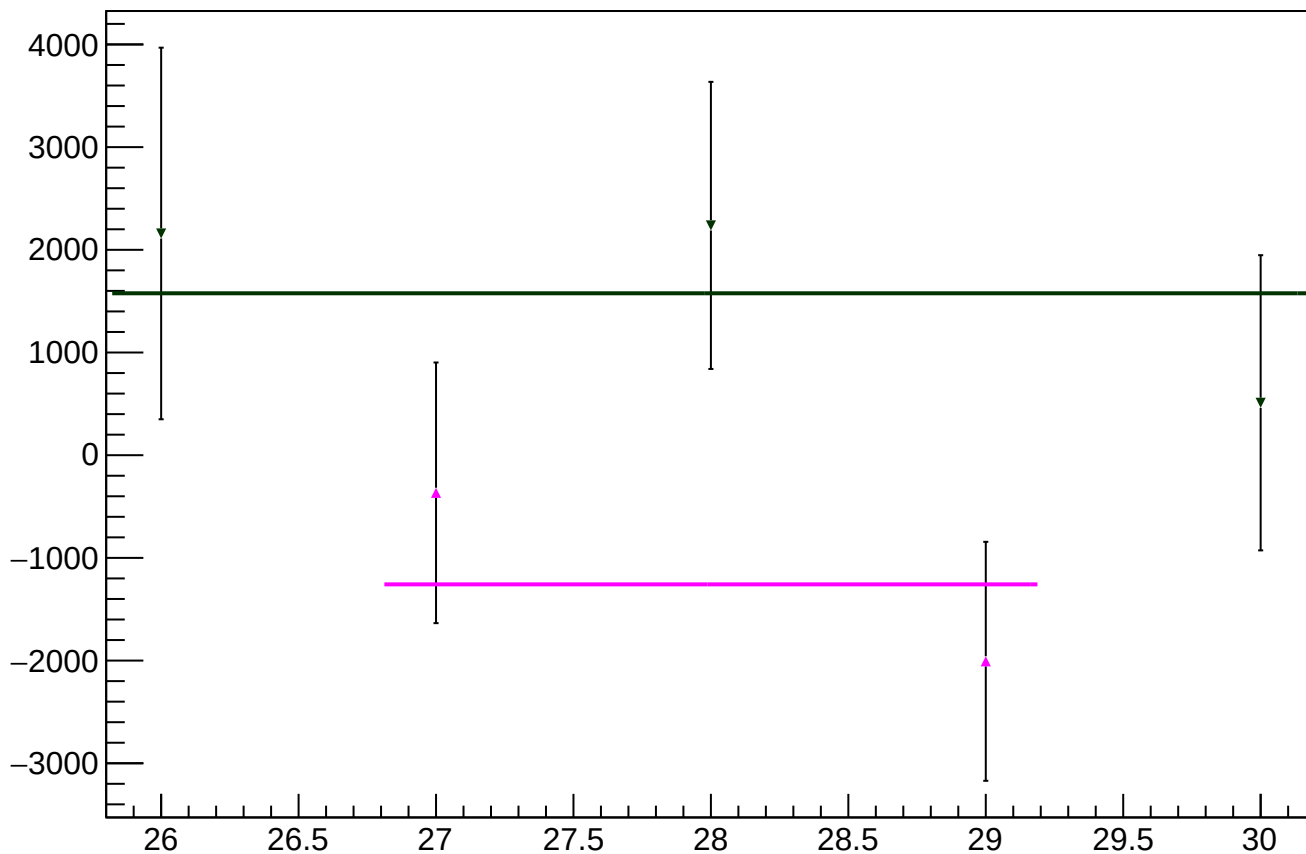
919.637+/-0.538 χ^2/NDF : 214703.9/2

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

1219.052+/-0.670 χ^2/NDF : 28986.0/1

Left In: 1219.052+/-0.670 χ^2/NDF : 28986.0/1

reg_asym_sam_26_dd_mean vs slug



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

Left Out: 1576.735+/-876.635 χ^2 /NDF: 0.9/2

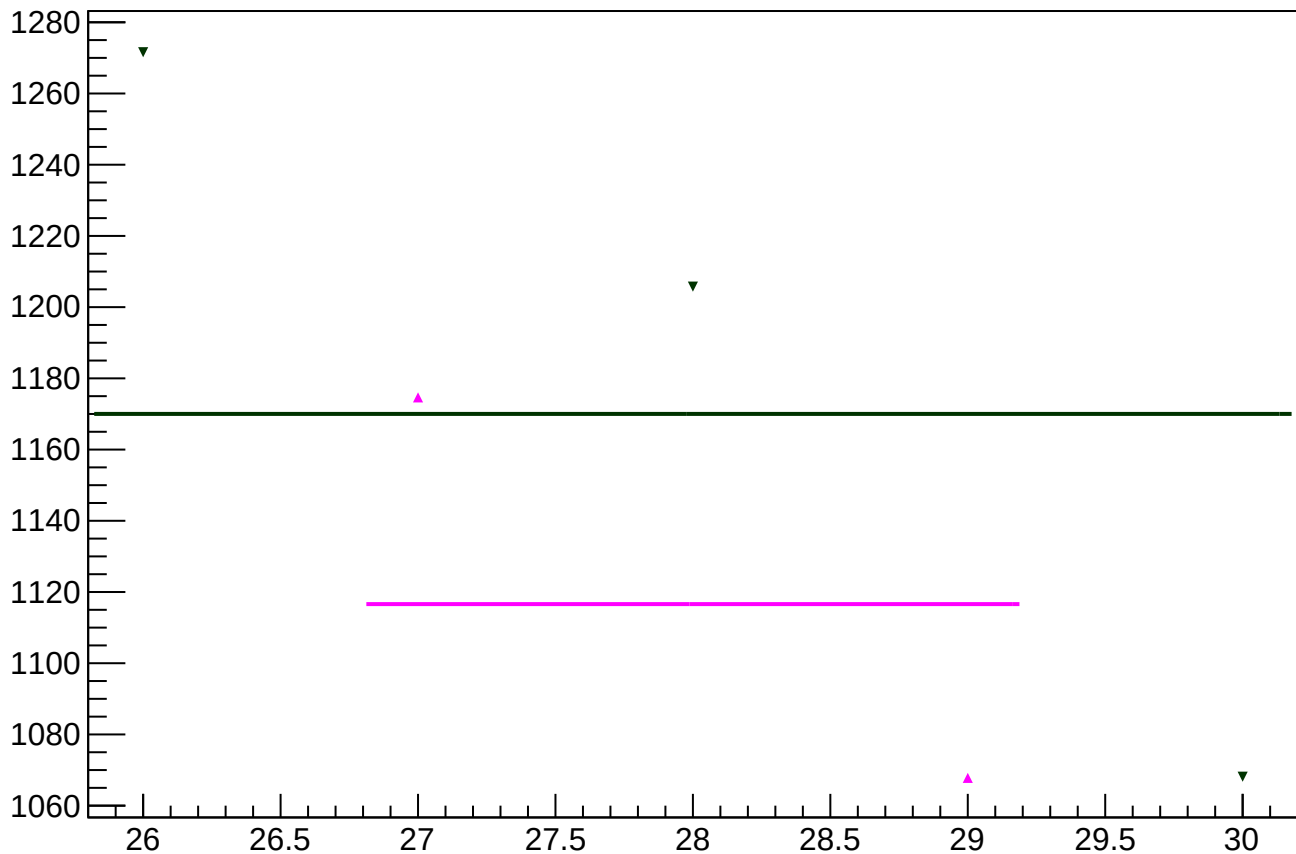
Right Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: -1257.779+/-857.642 χ^2 /NDF: 0.9/1

1576.735+/-876.635 χ^2 /NDF: 0.9/2

-1257.779+/-857.642 χ^2 /NDF: 0.9/1

reg_asym_sam_26_dd_rms vs slug



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

Left Out: 1170.016+/-0.620 χ^2/NDF : 17660.4/2

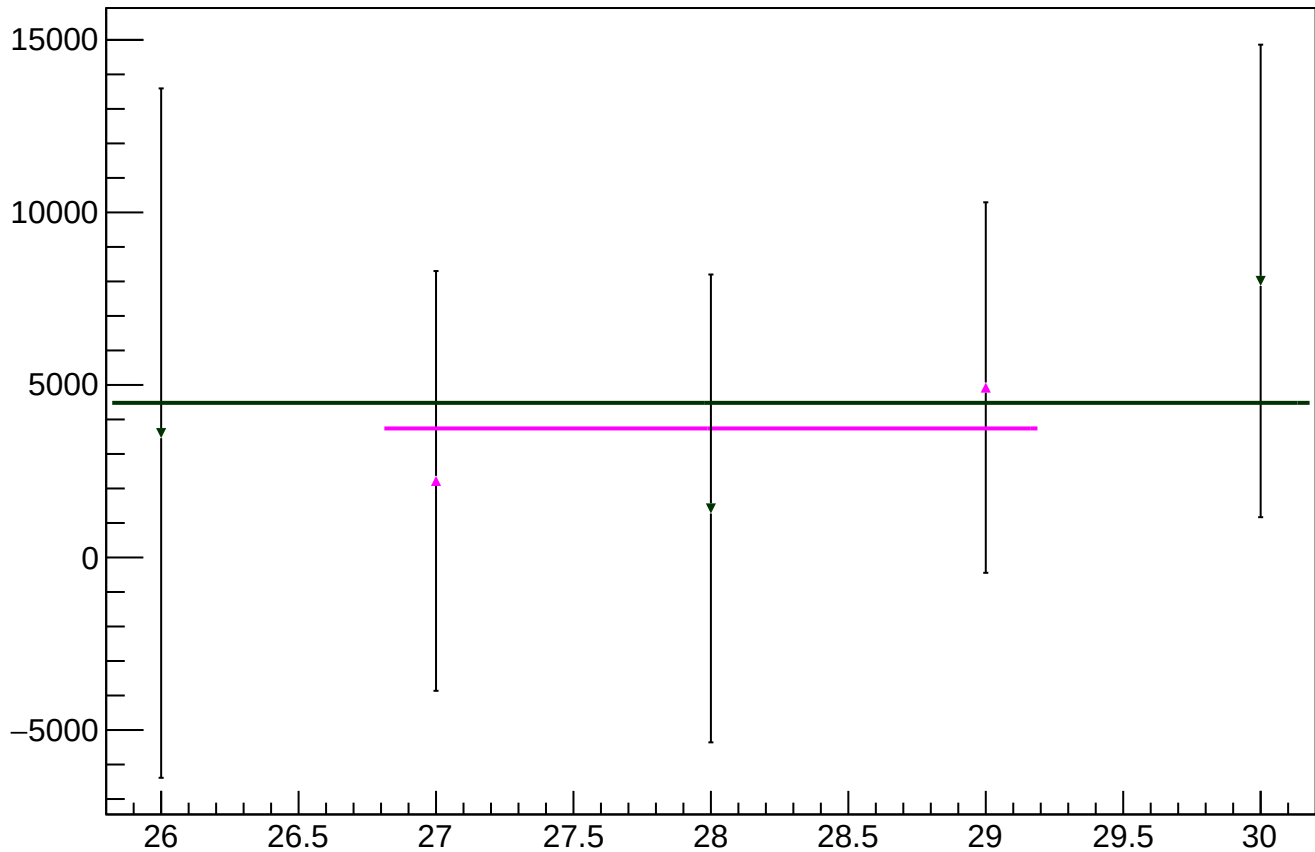
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 1116.604+/-0.606 χ^2/NDF : 7703.4/1

1170.016+/-0.620 χ^2/NDF : 17660.4/2

1116.604+/-0.606 χ^2/NDF : 7703.4/1

asym_sam_26_dd_correction_mean vs slug



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

Left Out: 4481.461+/-4339.188 χ^2/NDF : 0.5/2

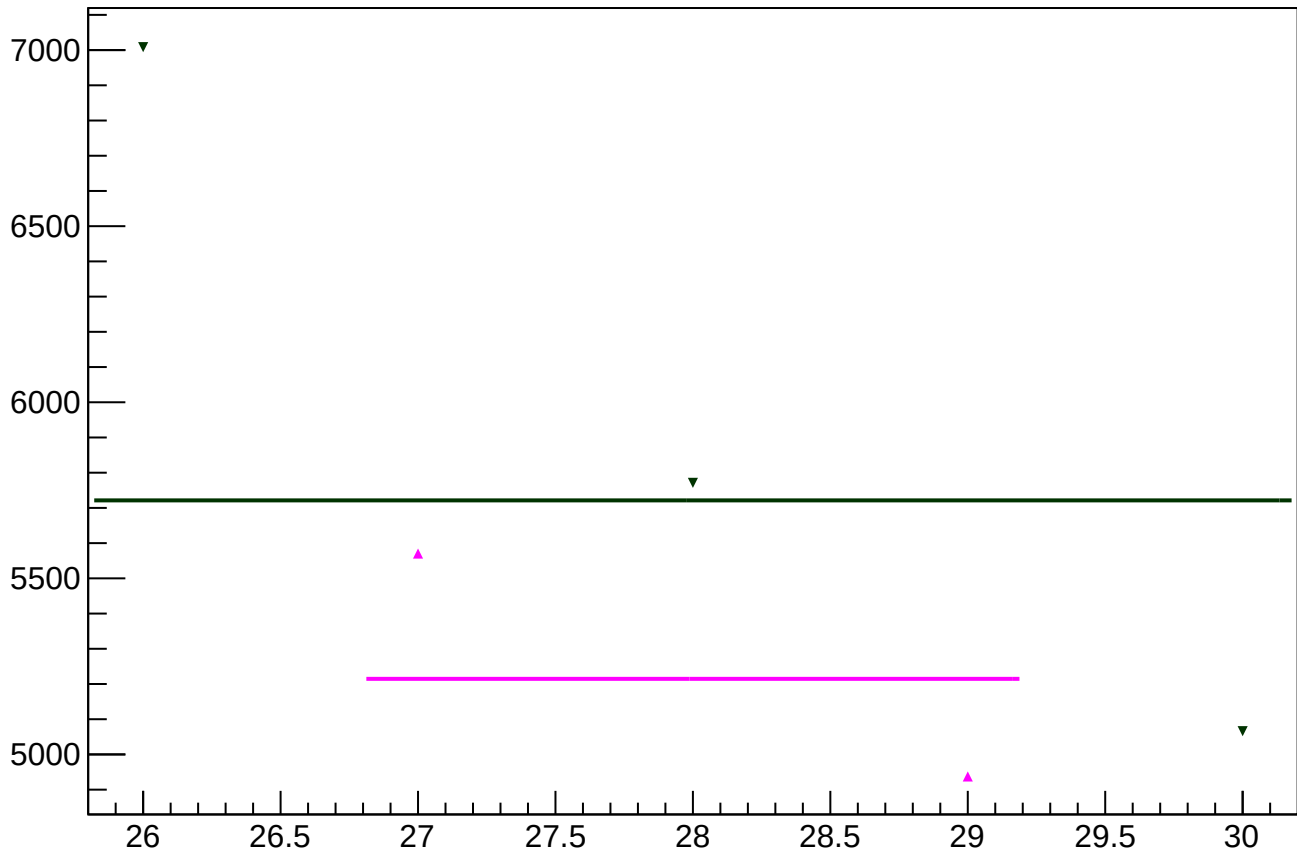
4481.461+/-4339.188 χ^2/NDF : 0.5/2

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

3739.567+/-4025.090 χ^2/NDF : 0.1/1

Left In: 3739.567+/-4025.090 χ^2/NDF : 0.1/1

asym_sam_26_dd_correction_rms vs slug



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

Left Out: 5721.389+/-3.068 χ^2/NDF : 51626.5/2

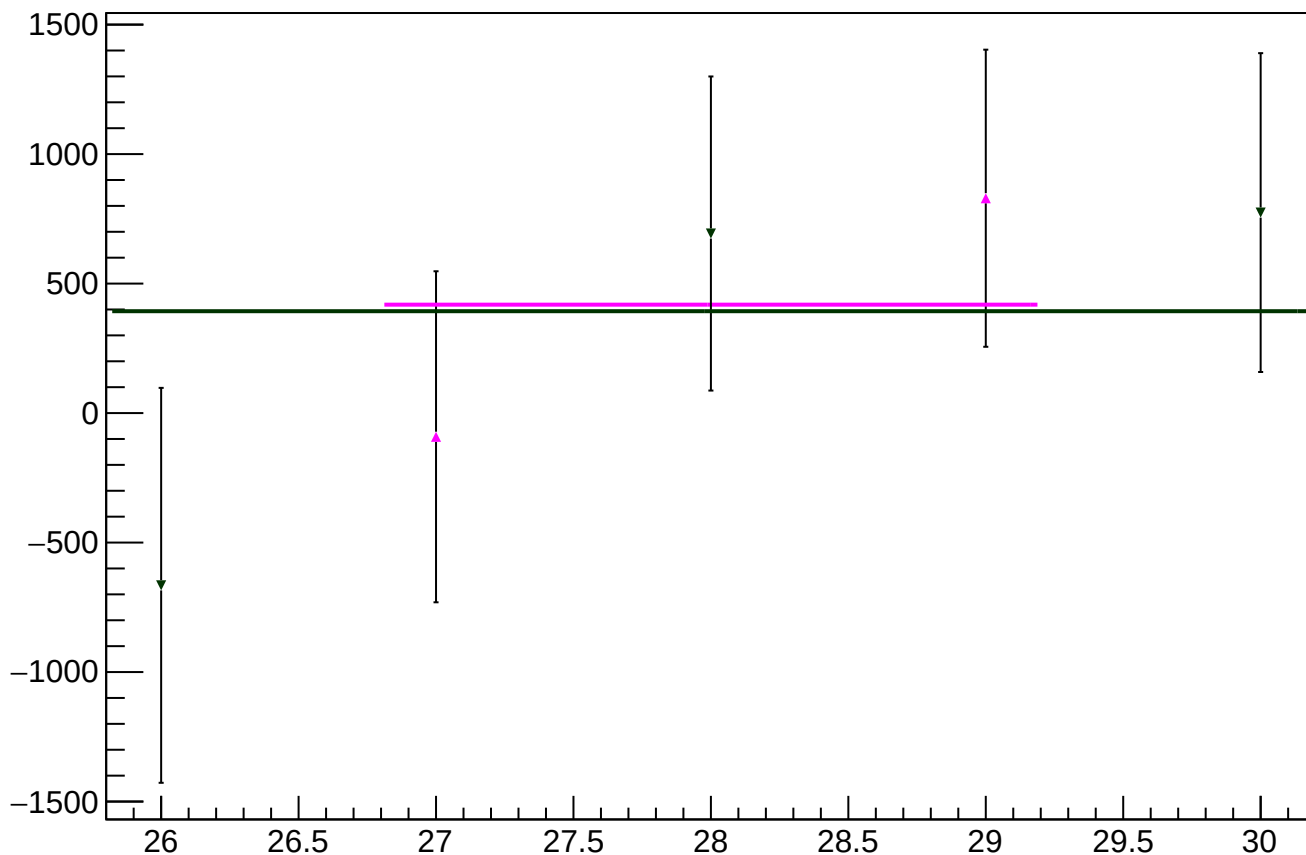
5721.389+/-3.068 χ^2/NDF : 51626.5/2

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

5214.629+/-2.846 χ^2/NDF : 12173.9/1

Left In: 5214.629+/-2.846 χ^2/NDF : 12173.9/1

reg_asym_sam_37_dd_mean vs slug



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

Left Out: 393.374+/-375.857 χ^2/NDF : 2.6/2

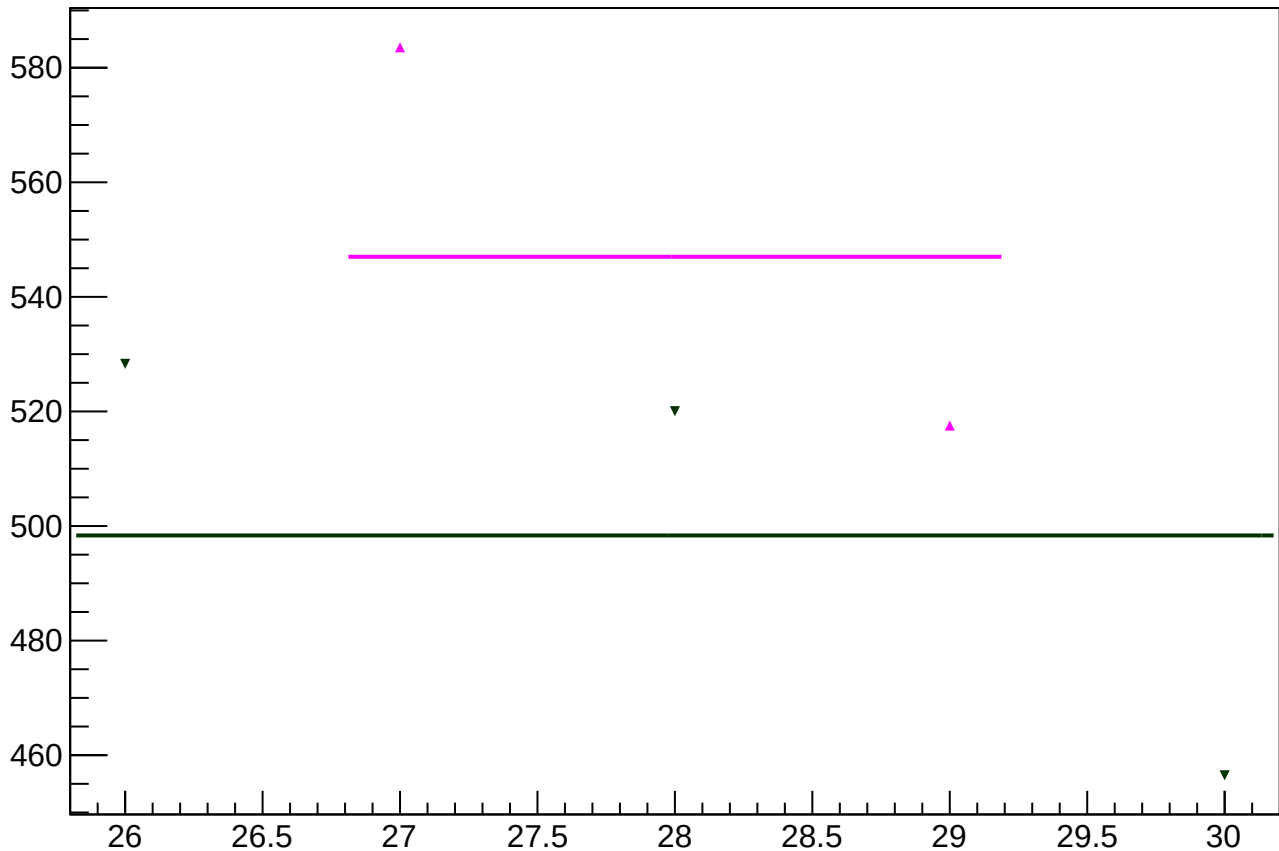
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 418.630+/-426.893 χ^2/NDF : 1.2/1

393.374+/-375.857 χ^2/NDF : 2.6/2

418.630+/-426.893 χ^2/NDF : 1.2/1

reg_asym_sam_37_dd_rms vs slug



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

Left Out: 498.357+/-0.266 χ^2/NDF : 14897.3/2

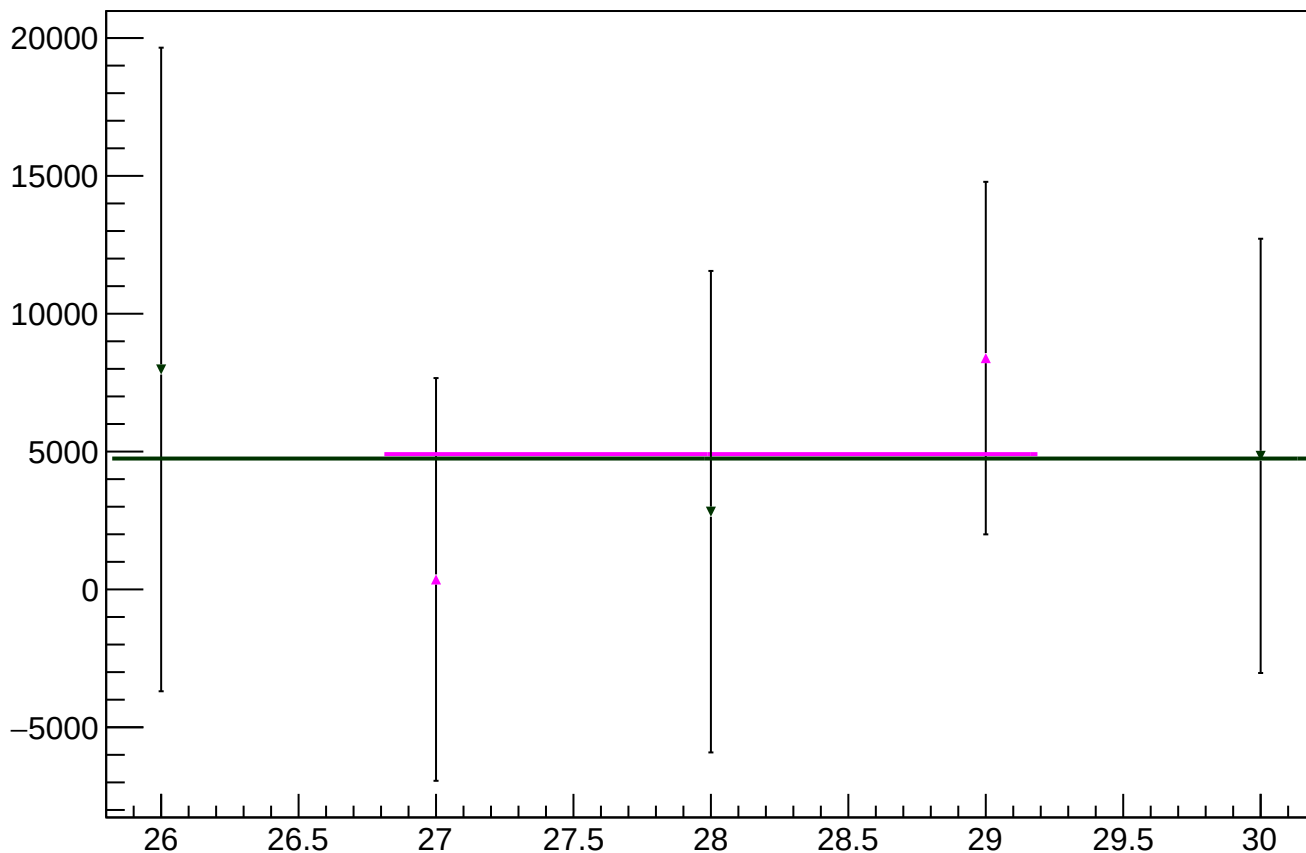
498.357+/-0.266 χ^2/NDF : 14897.3/2

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

547.000+/-0.302 χ^2/NDF : 11824.6/1

Left In: 547.000+/-0.302 χ^2/NDF : 11824.6/1

asym_sam_37_dd_correction_mean vs slug



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

Left Out: 4747.054+/-5228.816 χ^2/NDF : 0.1/2

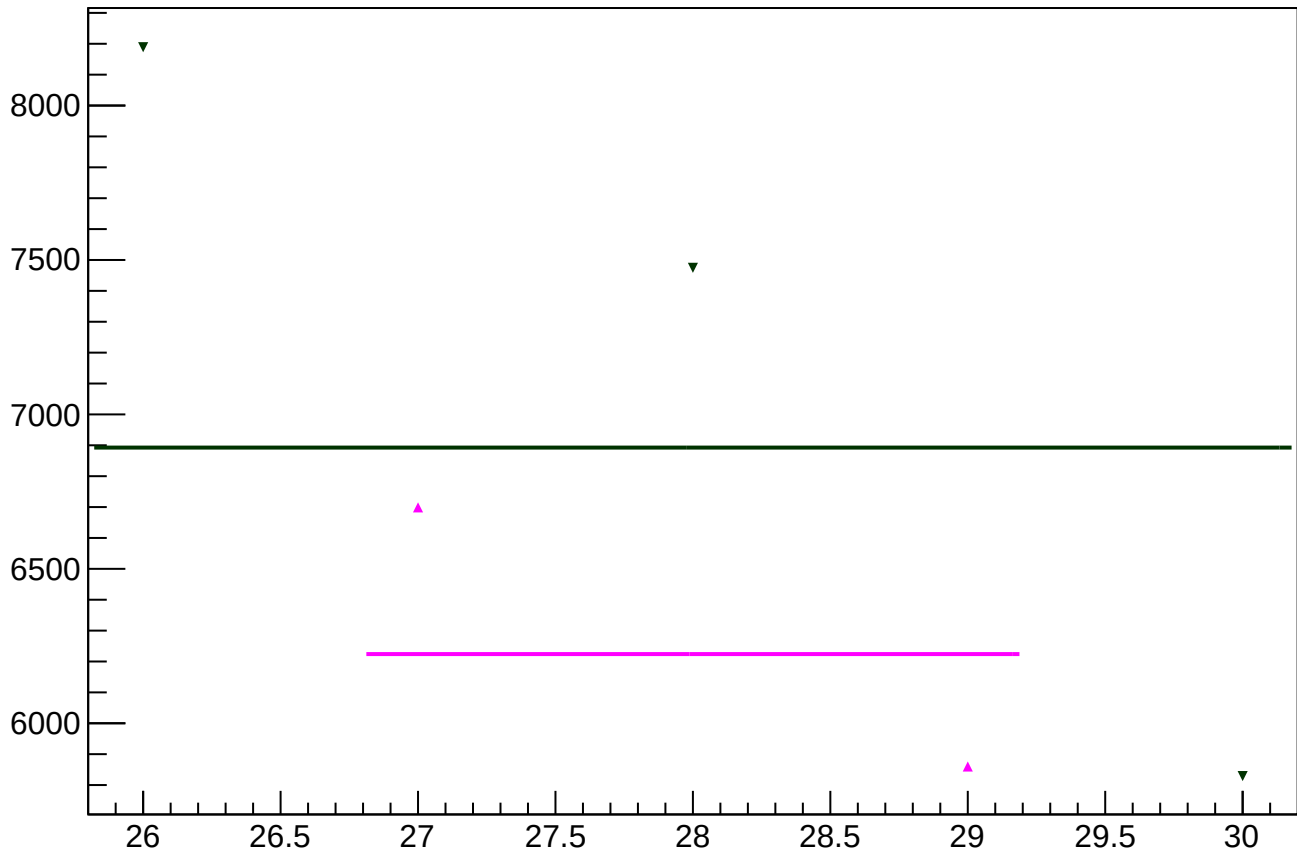
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4907.551+/-4810.818 χ^2/NDF : 0.7/1

4747.054+/-5228.816 χ^2/NDF : 0.1/2

4907.551+/-4810.818 χ^2/NDF : 0.7/1

asym_sam_37_dd_correction_rms vs slug



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

Left Out: 6892.582+/-3.697 χ^2 /NDF: 70024.9/2

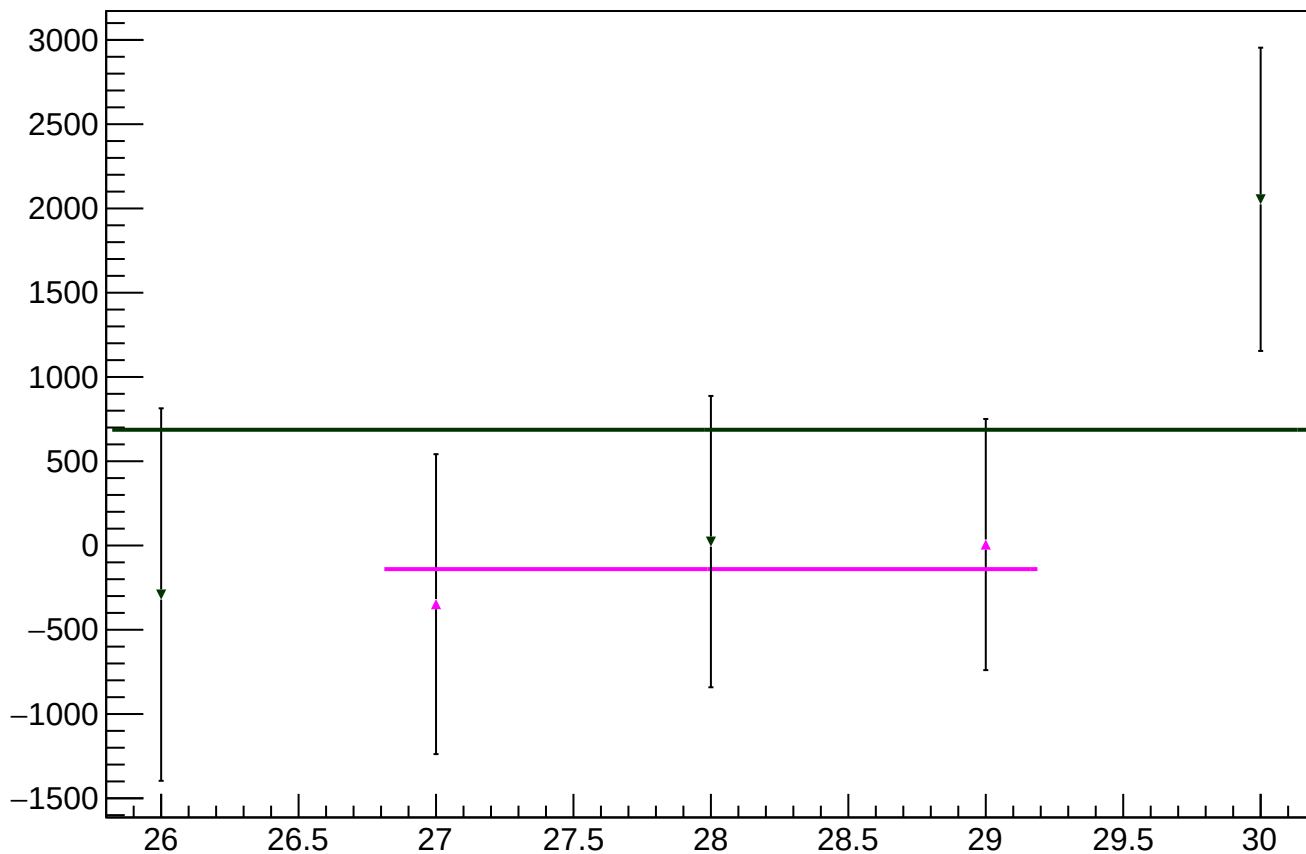
6892.582+/-3.697 χ^2 /NDF: 70024.9/2

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

6224.032+/-3.402 χ^2 /NDF: 14940.5/1

Left In: 6224.032+/-3.402 χ^2 /NDF: 14940.5/1

reg_asym_sam_48_dd_mean vs slug



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

Left Out: 686.800+/-542.925 χ^2/NDF : 3.7/2

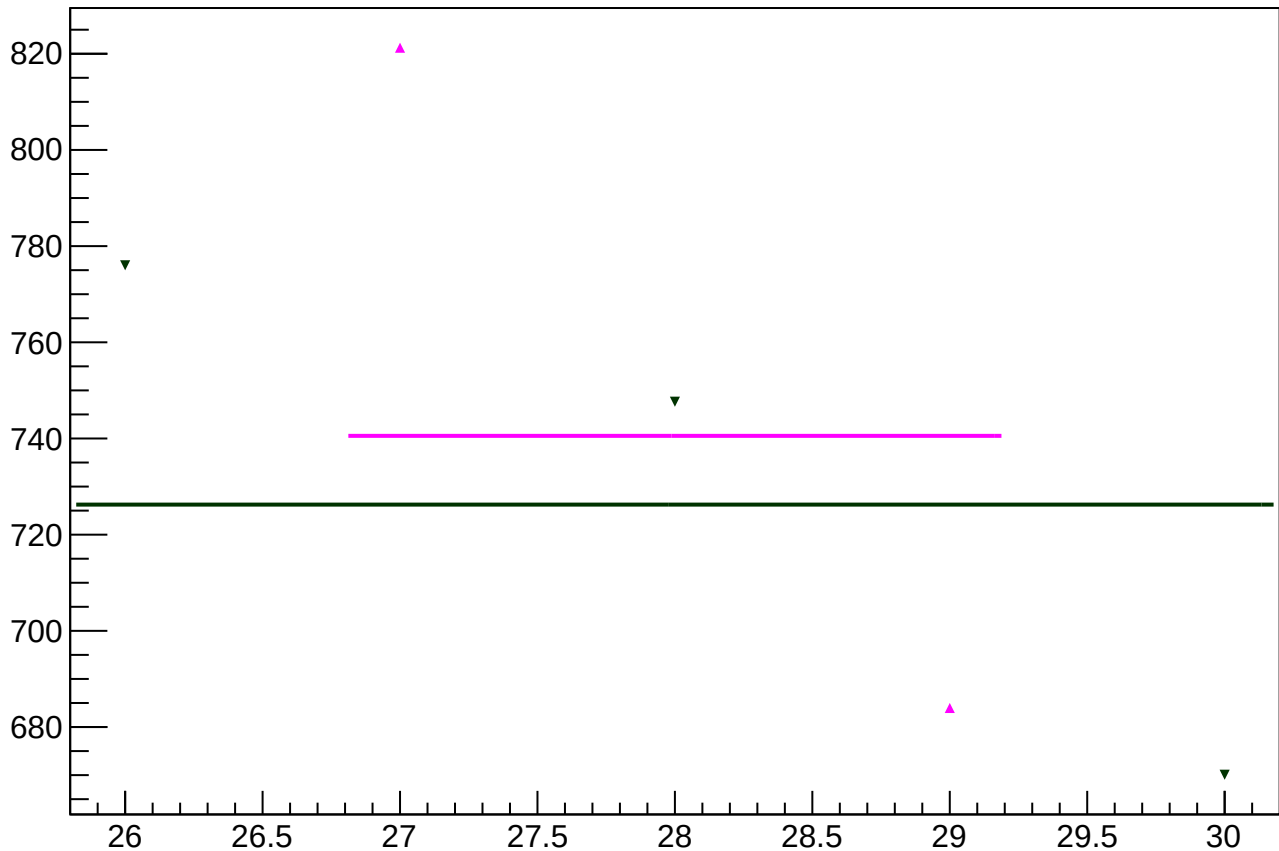
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -140.079+/-571.276 χ^2/NDF : 0.1/1

686.800+/-542.925 χ^2/NDF : 3.7/2

-140.079+/-571.276 χ^2/NDF : 0.1/1

reg_asym_sam_48_dd_rms vs slug



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

Left Out: 726.252+/-0.384 χ^2/NDF : 13074.8/2

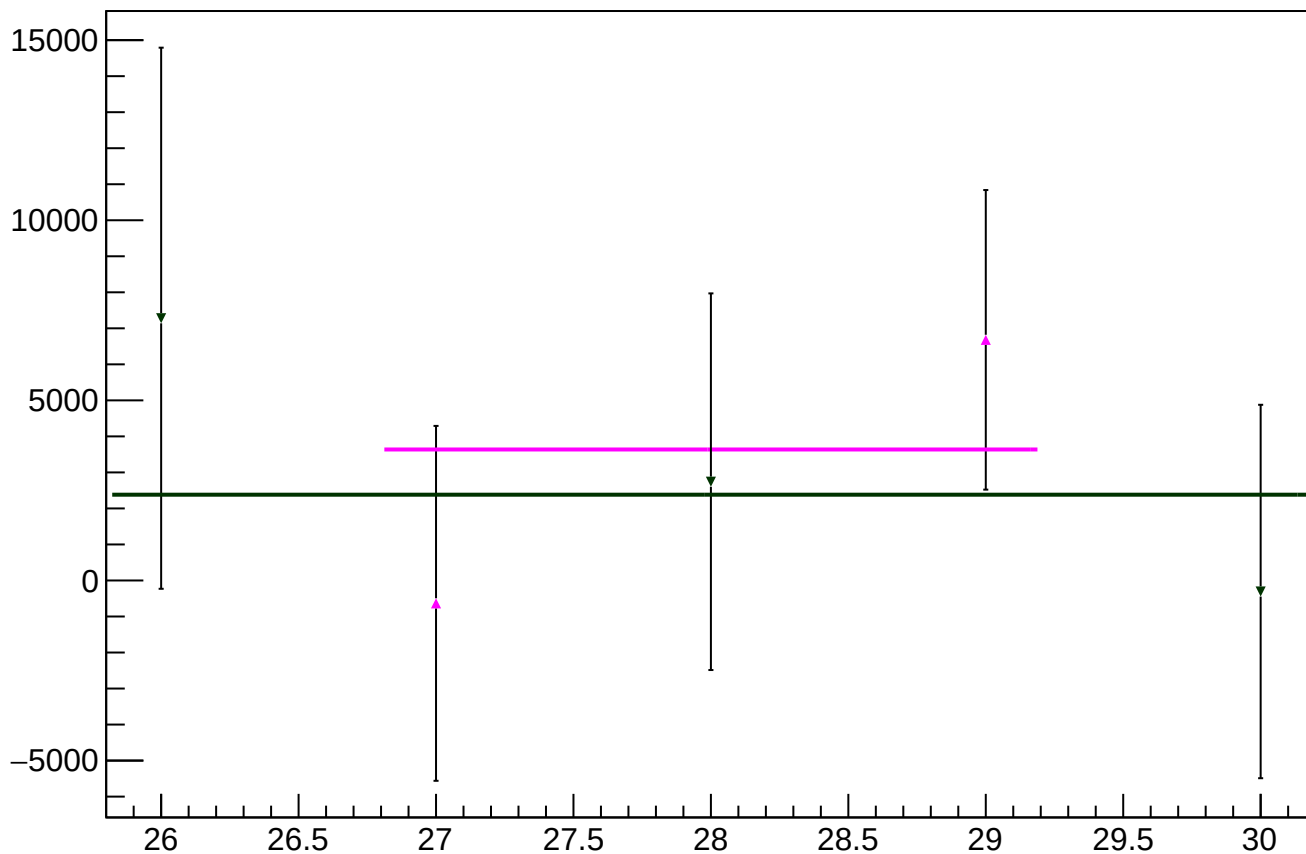
726.252+/-0.384 χ^2/NDF : 13074.8/2

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

740.549+/-0.404 χ^2/NDF : 27987.6/1

Left In: 740.549+/-0.404 χ^2/NDF : 27987.6/1

asym_sam_48_dd_correction_mean vs slug



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

Left Out: 2381.260 +/- 3305.237 χ^2/NDF : 0.7/2

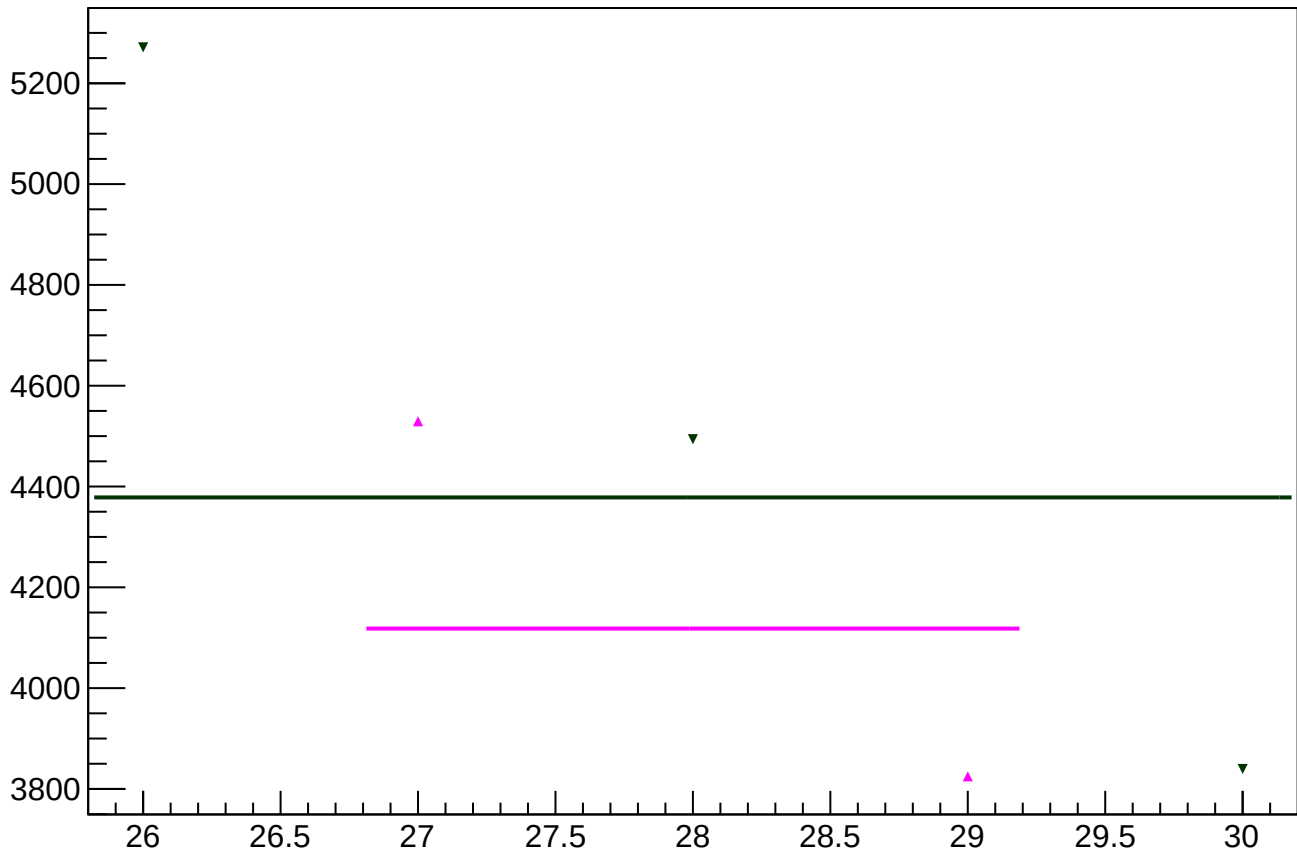
Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Left In: 3636.462 +/- 3177.556 χ^2/NDF : 1.3/1

2381.260 +/- 3305.237 χ^2/NDF : 0.7/2

3636.462 +/- 3177.556 χ^2/NDF : 1.3/1

asym_sam_48_dd_correction_rms vs slug



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

Left Out: 4378.392+/-2.337 χ^2/NDF : 50852.3/2

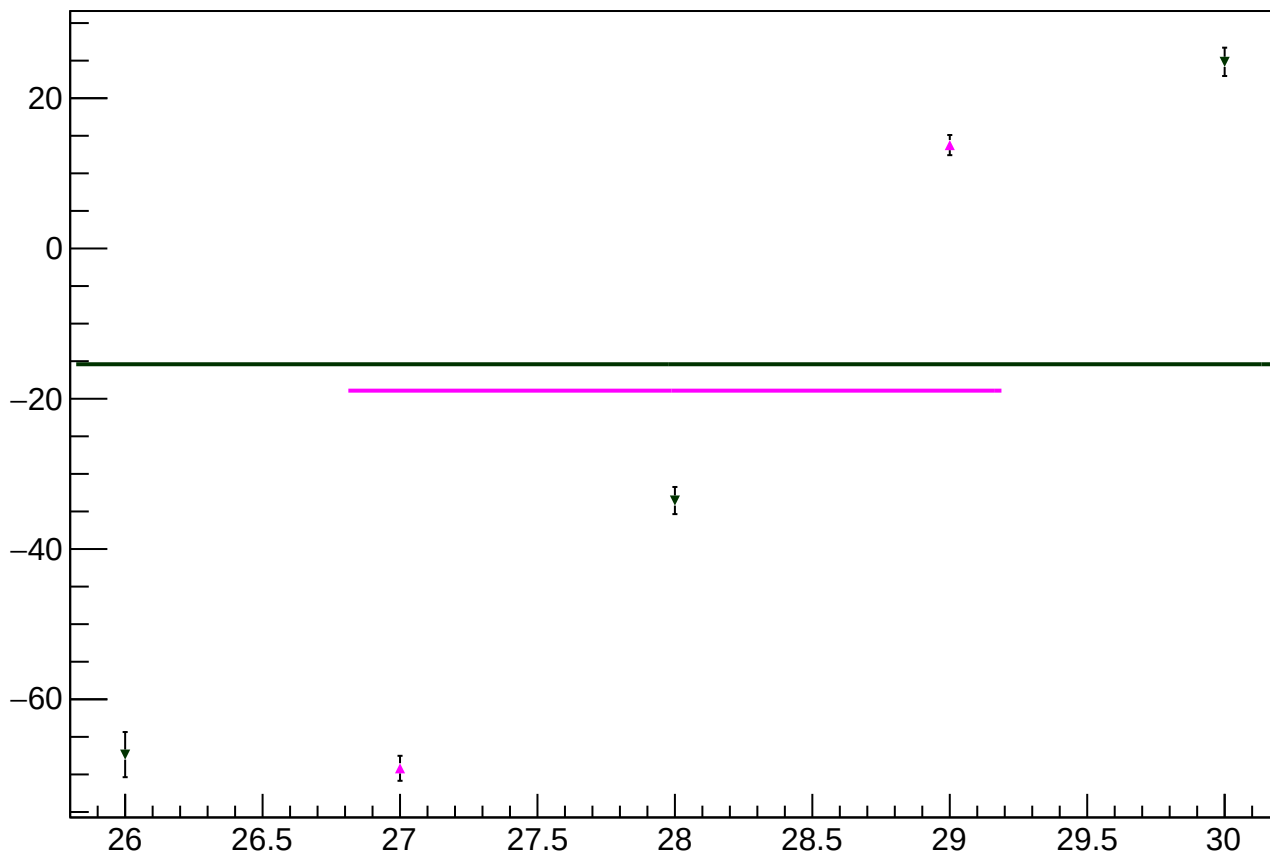
4378.392+/-2.337 χ^2/NDF : 50852.3/2

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

4118.179+/-2.247 χ^2/NDF : 23884.9/1

Left In: 4118.179+/-2.247 χ^2/NDF : 23884.9/1

reg_asym_atr1_diff_bpm4aX_slope vs slug



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

Left Out: -15.408+/-1.196 χ^2/NDF : 855.2/2

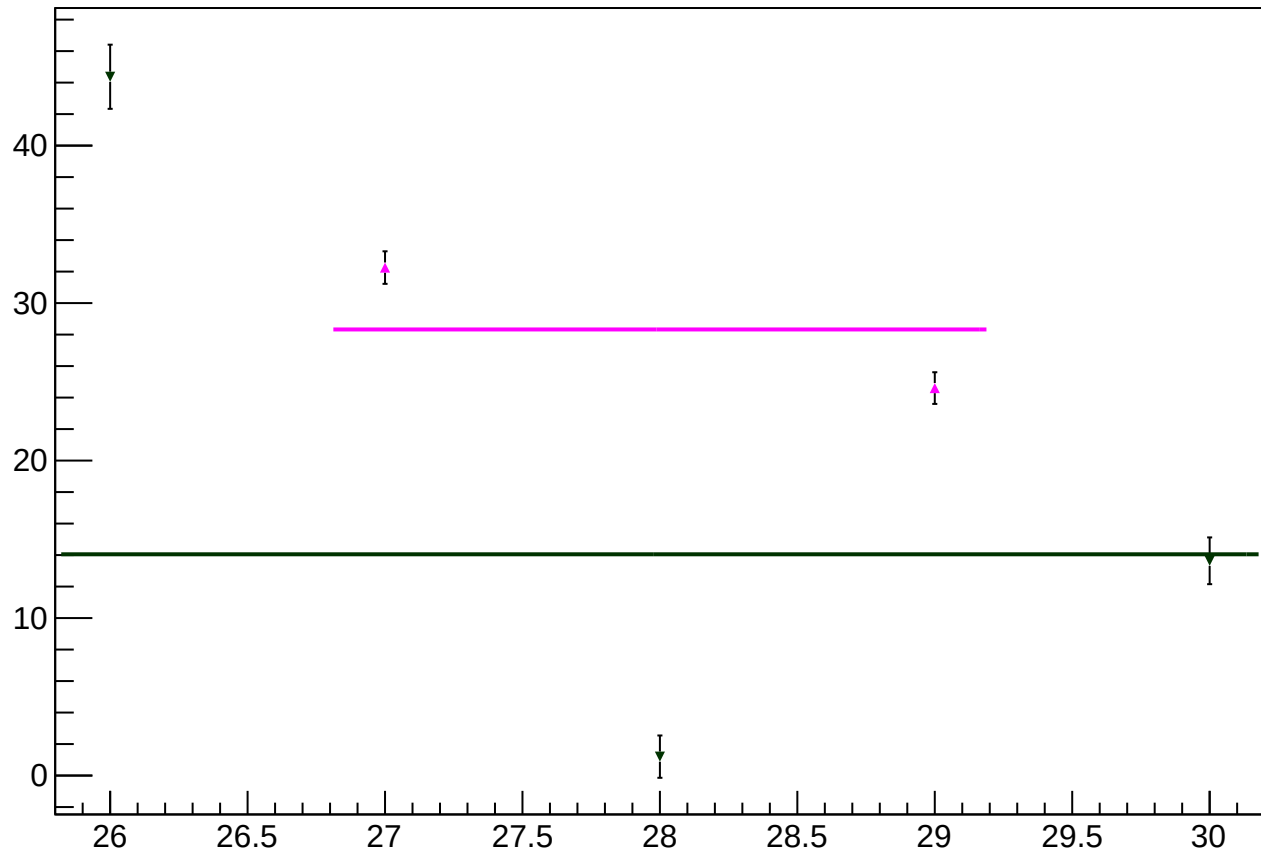
-15.408+/-1.196 χ^2/NDF : 855.2/2

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

-18.921+/-1.044 χ^2/NDF : 1507.9/1

Left In: -18.921+/-1.044 χ^2/NDF : 1507.9/1

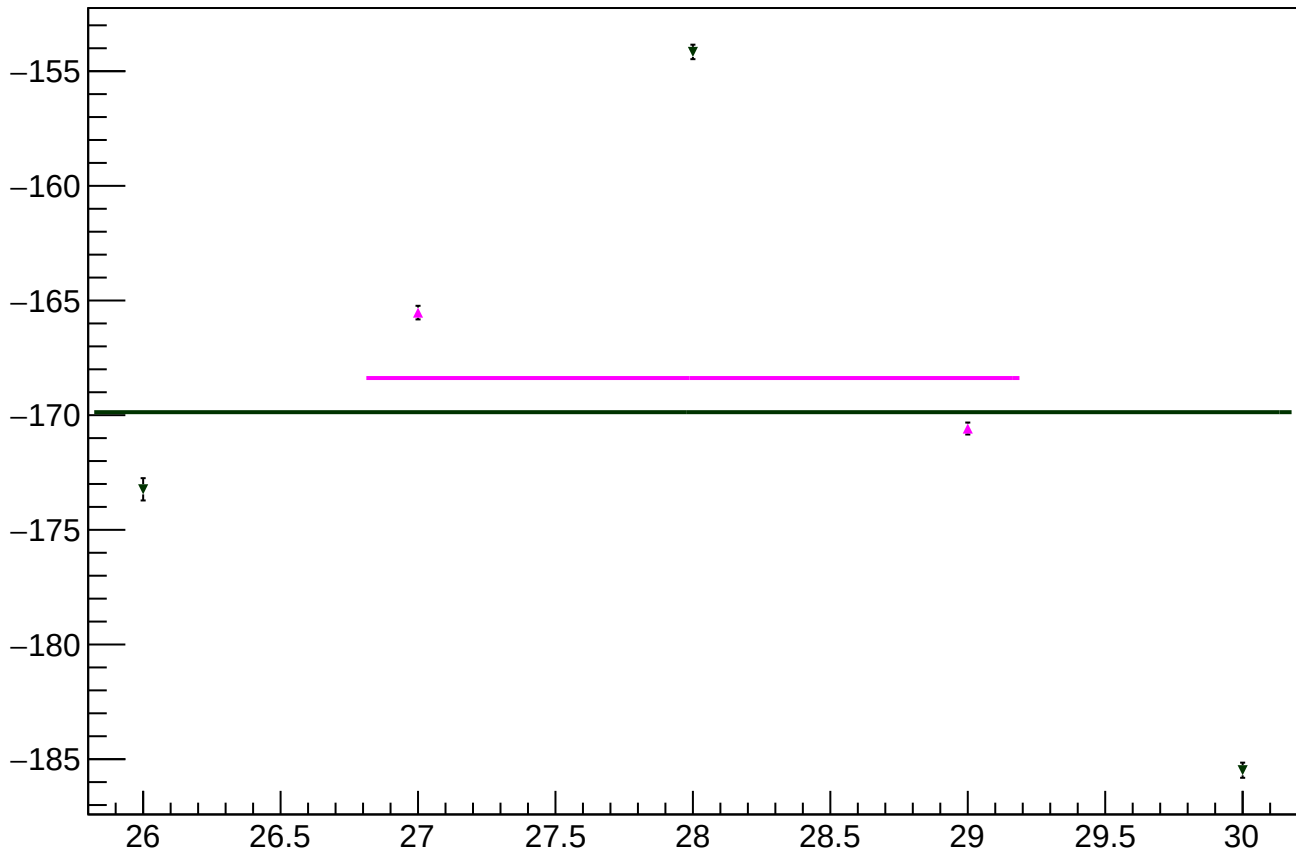
reg_asym_atr1_diff_bpm4aY_slope vs slug



Right In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Left Out: 14.049 +/- 0.895 χ^2/NDF : 313.1/2
Right Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0
Left In: 28.326 +/- 0.721 χ^2/NDF : 28.2/1

14.049 +/- 0.895 χ^2/NDF : 313.1/2
28.326 +/- 0.721 χ^2/NDF : 28.2/1

reg_asym_atr1_diff_bpm4eX_slope vs slug



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

Left Out: -169.869+/-0.207 χ^2/NDF : 4755.5/2

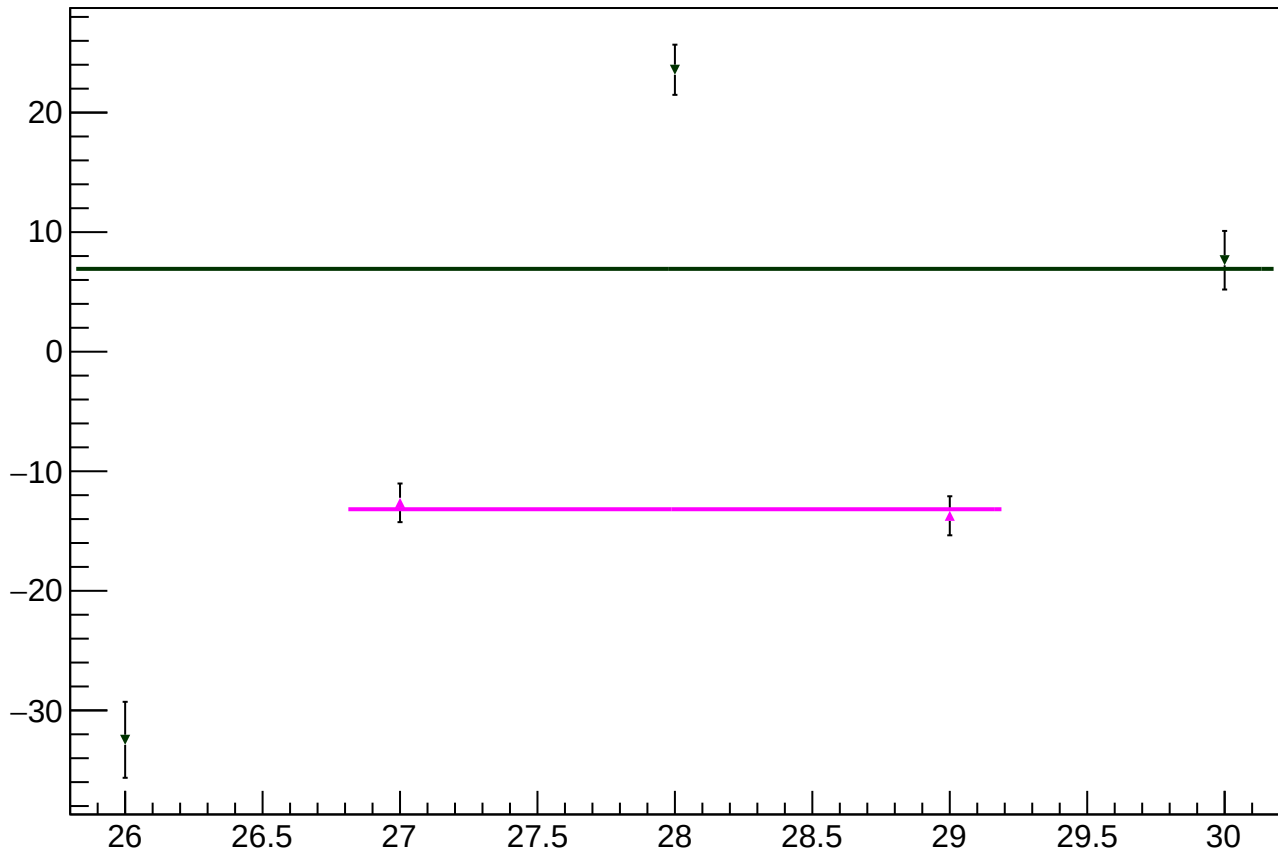
-169.869+/-0.207 χ^2/NDF : 4755.5/2

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

-168.381+/-0.196 χ^2/NDF : 163.5/1

Left In: -168.381+/-0.196 χ^2/NDF : 163.5/1

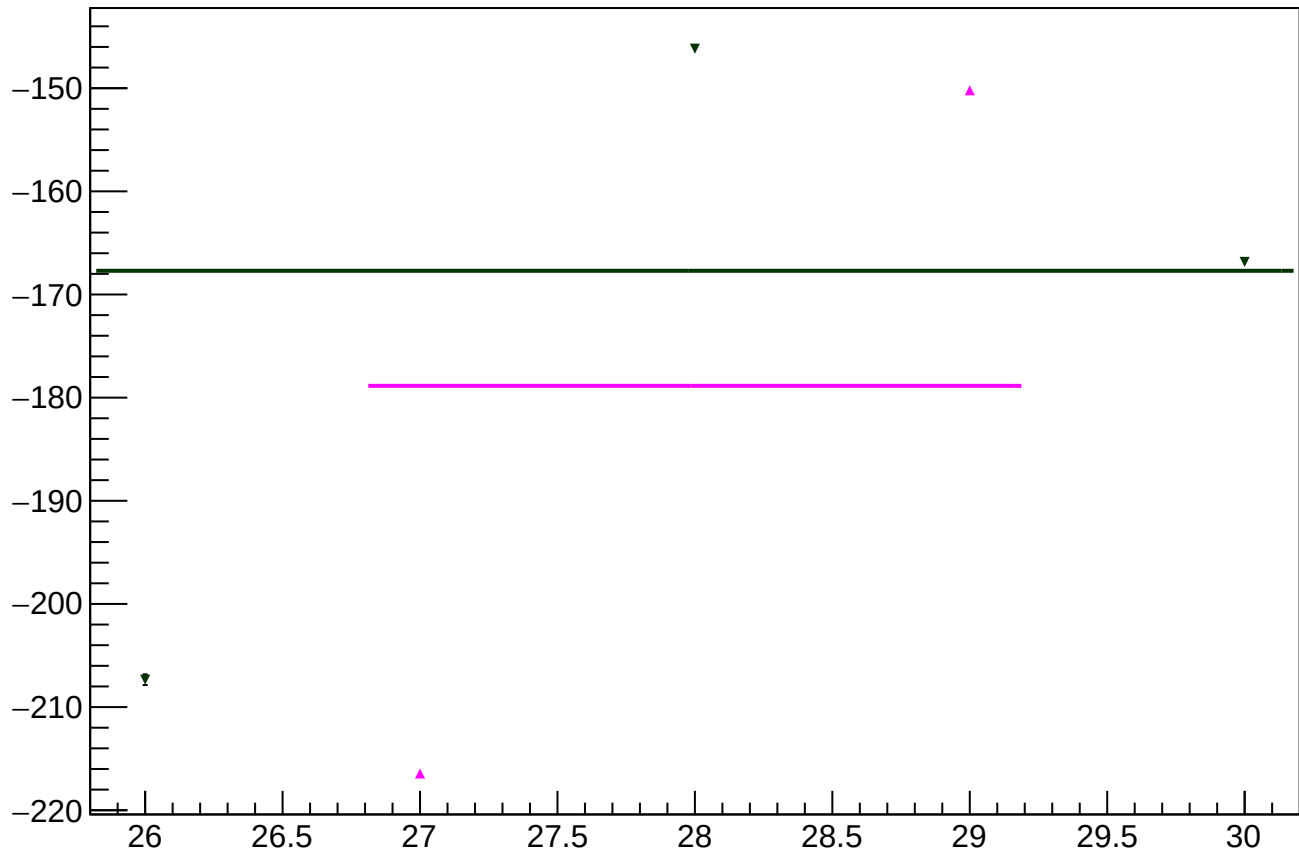
reg_asym_atr1_diff_bpm4eY_slope vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 6.928+/-1.425 χ^2/NDF :216.7/2
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: -13.176+/-1.148 χ^2/NDF :0.2/1

6.928+/-1.425 χ^2/NDF : 216.7/2
-13.176+/-1.148 χ^2/NDF : 0.2/1

reg_asym_atr1_diff_bpm11X_slope vs slug



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

-167.701+/-0.256 χ^2/NDF : 8864.9/2

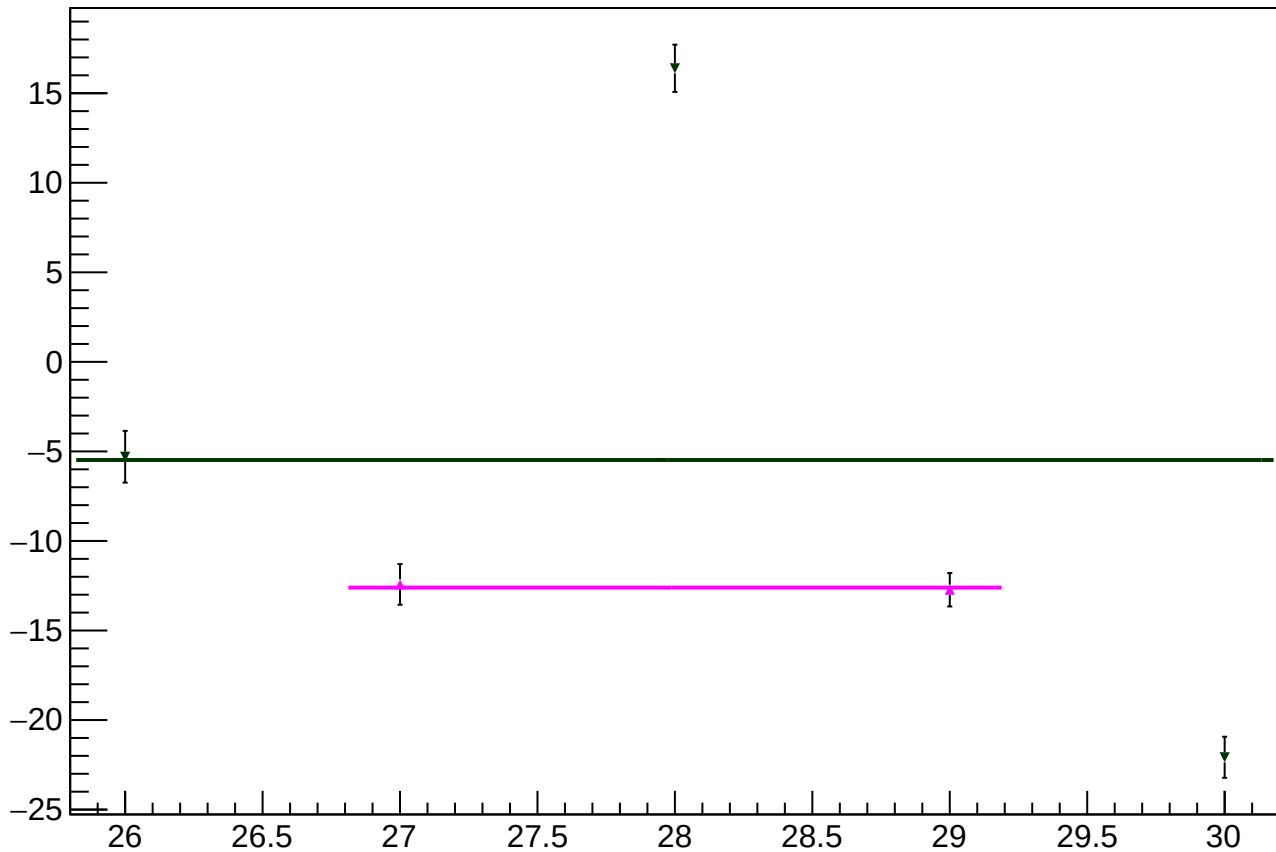
Left Out: -167.701+/-0.256 χ^2/NDF : 8864.9/2

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

-178.856+/-0.276 χ^2/NDF : 14130.7/1

Left In: -178.856+/-0.276 χ^2/NDF : 14130.7/1

reg_asym_atl1_diff_bpm4aX_slope vs slug



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

Left Out: -5.478±/-0.742 χ^2/NDF : 484.8/2

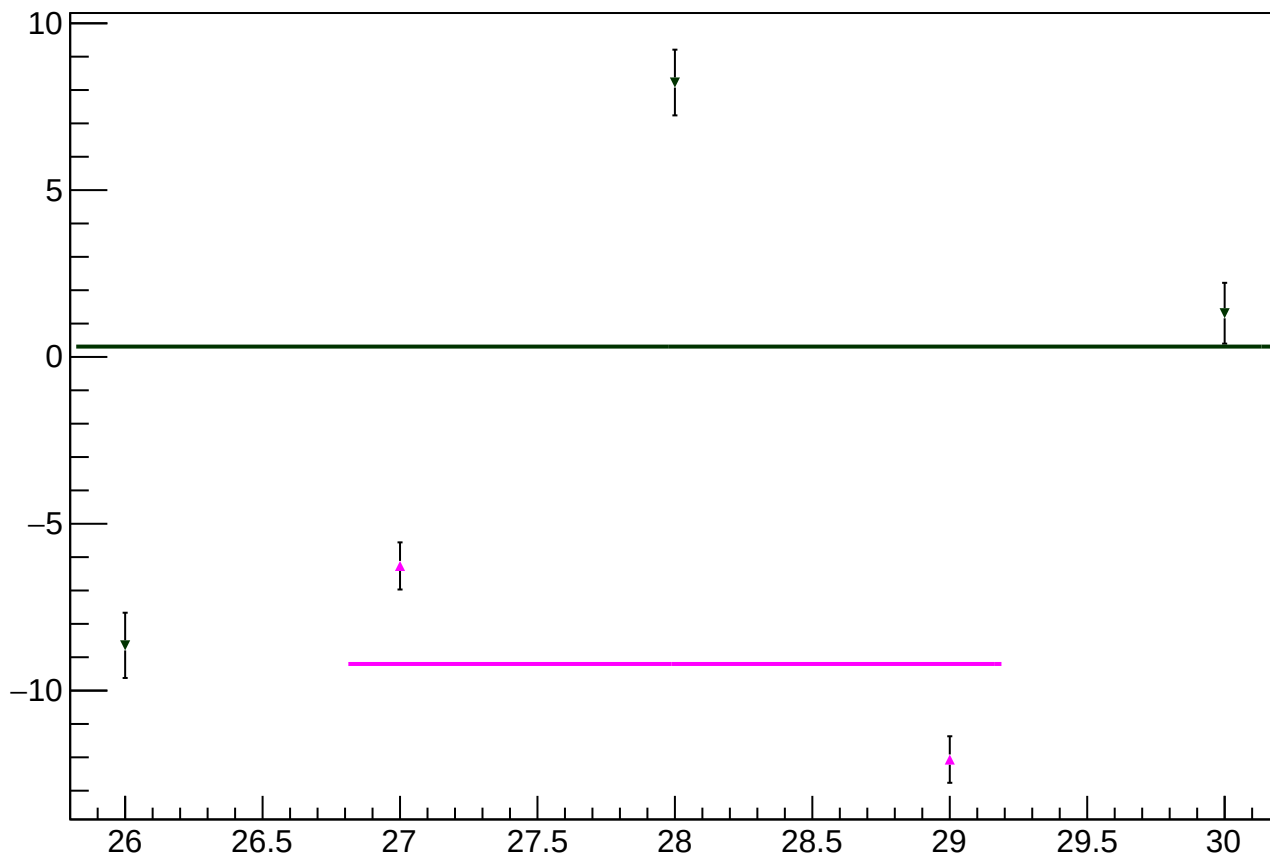
-5.478±/-0.742 χ^2/NDF : 484.8/2

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

-12.605±/-0.721 χ^2/NDF : 0.0/1

Left In: -12.605±/-0.721 χ^2/NDF : 0.0/1

reg_asym_atl1_diff_bpm4aY_slope vs slug



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

Left Out: 0.311 $\pm$ 0.552 χ^2 /NDF: 149.7/2

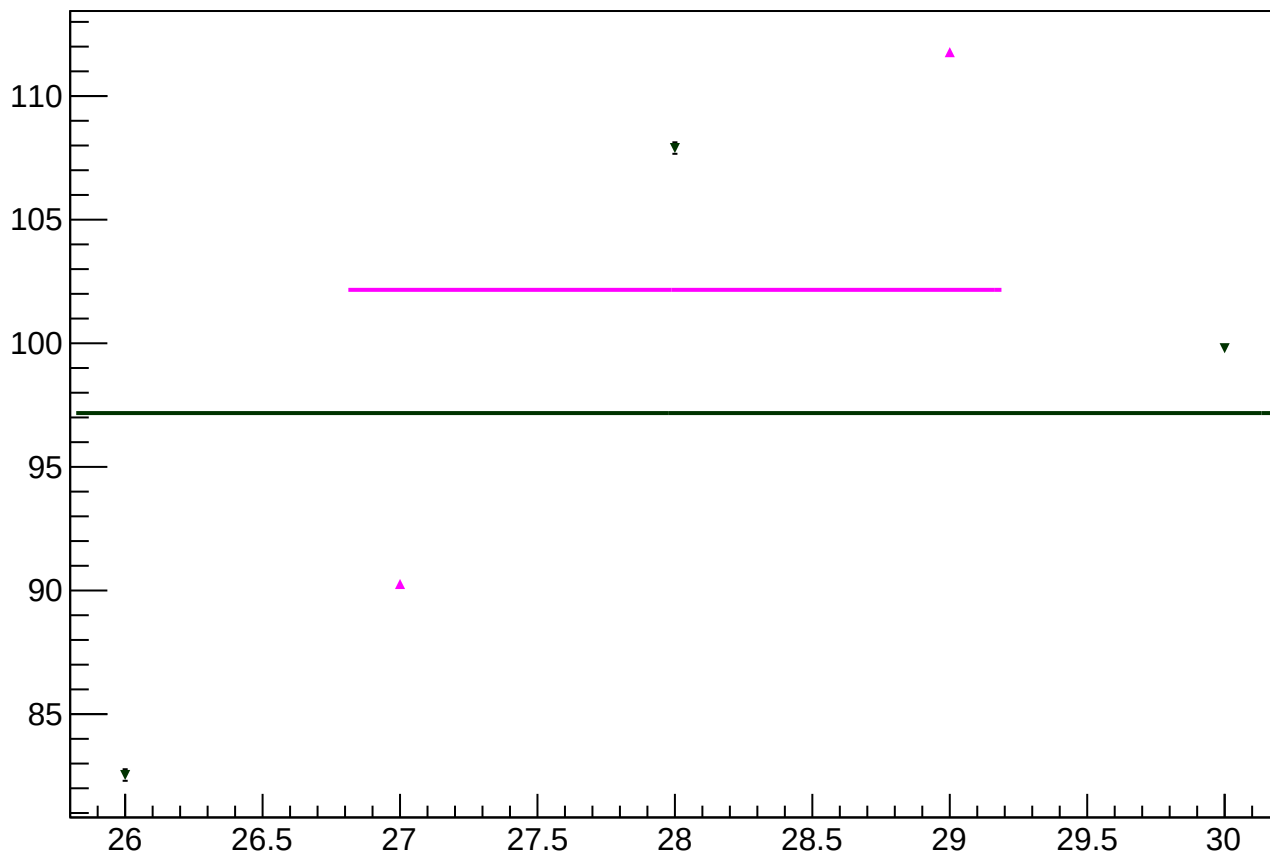
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: -9.202 $\pm$ 0.496 χ^2 /NDF: 34.2/1

0.311 $\pm$ 0.552 χ^2 /NDF: 149.7/2

-9.202 $\pm$ 0.496 χ^2 /NDF: 34.2/1

reg_asym_atl1_diff_bpm4eX_slope vs slug



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

Left Out: 97.177+/-0.126 χ^2/NDF : 6224.1/2

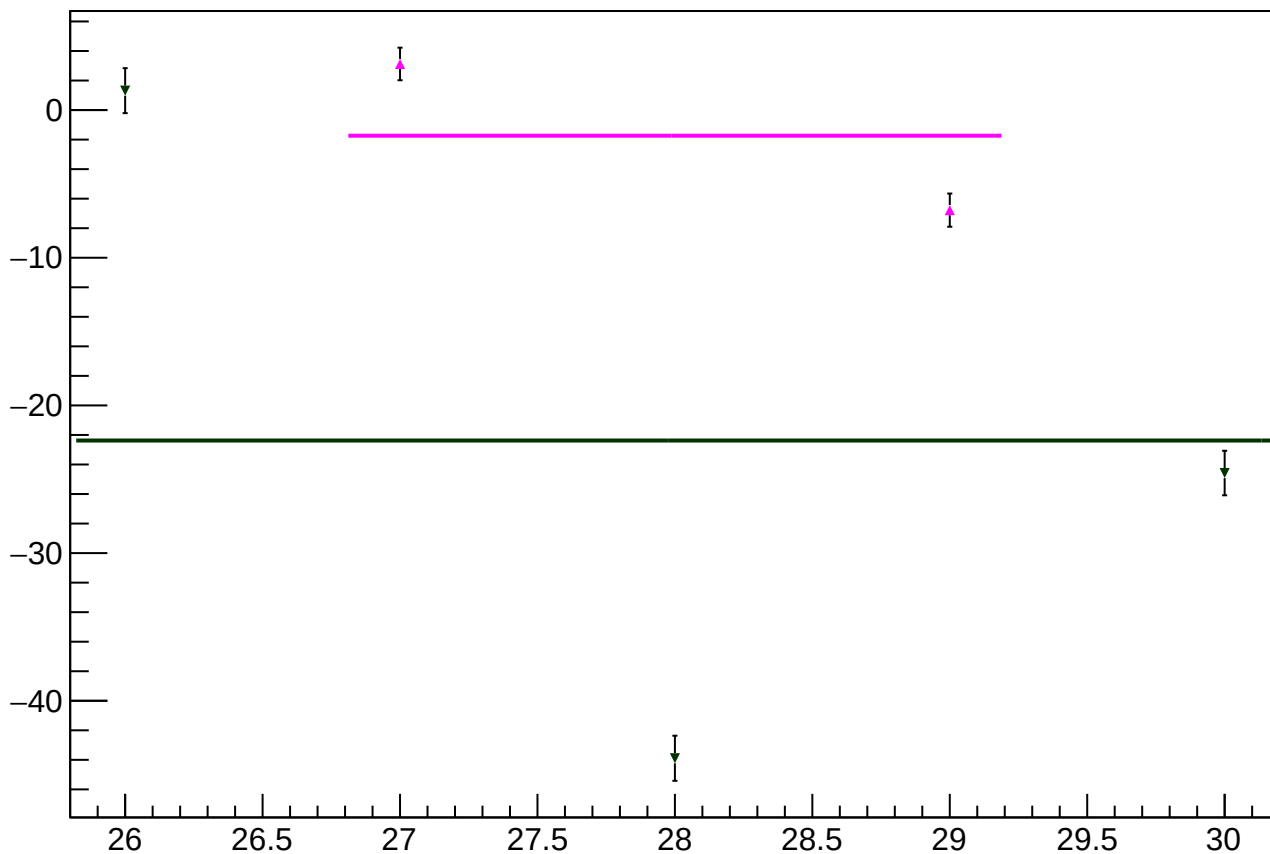
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 102.162+/-0.135 χ^2/NDF : 6286.2/1

97.177+/-0.126 χ^2/NDF : 6224.1/2

102.162+/-0.135 χ^2/NDF : 6286.2/1

reg_asym_atl1_diff_bpm4eY_slope vs slug



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

Left Out: -22.377+/-0.877 χ^2/NDF : 442.5/2

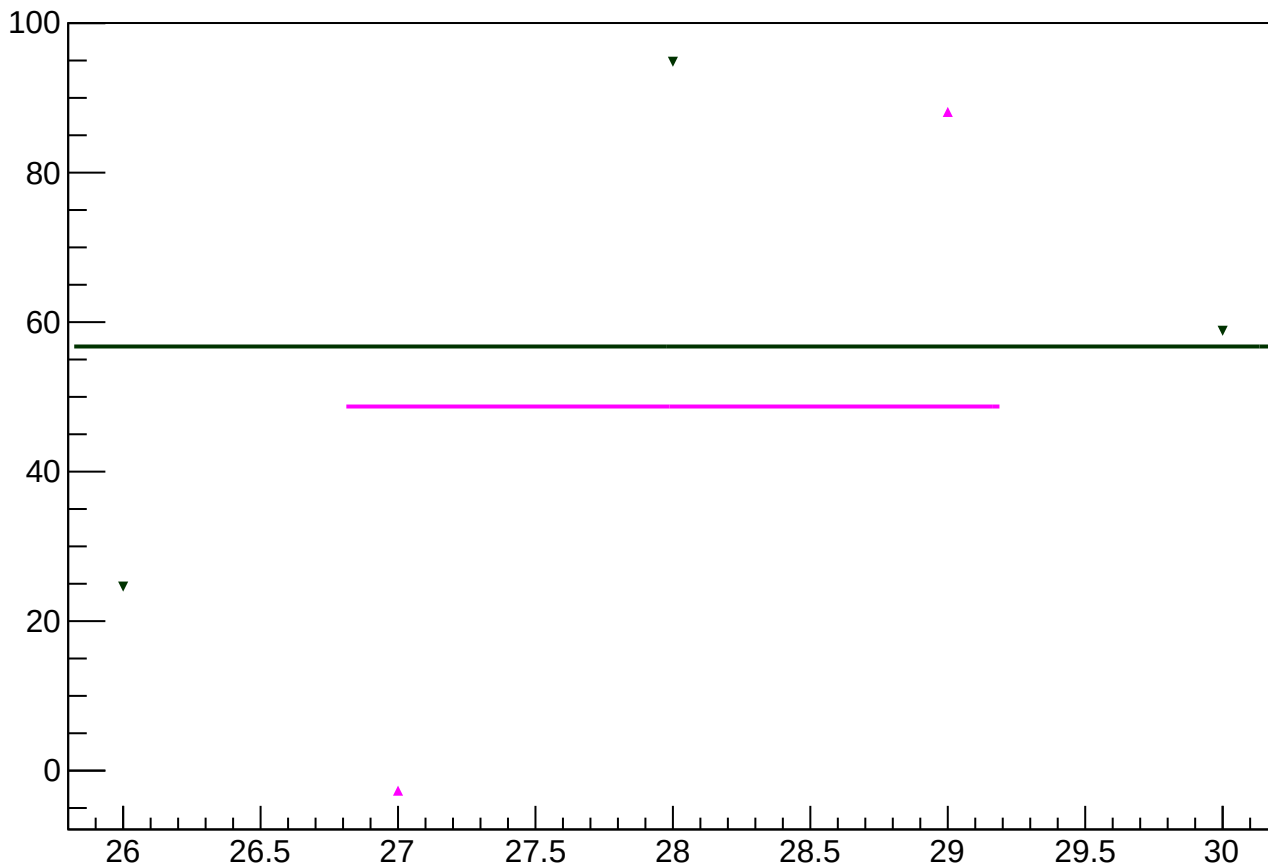
-22.377+/-0.877 χ^2/NDF : 442.5/2

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

-1.736+/-0.787 χ^2/NDF : 39.5/1

Left In: -1.736+/-0.787 χ^2/NDF : 39.5/1

reg_asym_atl1_diff_bpm11X_slope vs slug



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

Left Out: 56.741+/-0.153 χ^2/NDF : 35203.8/2

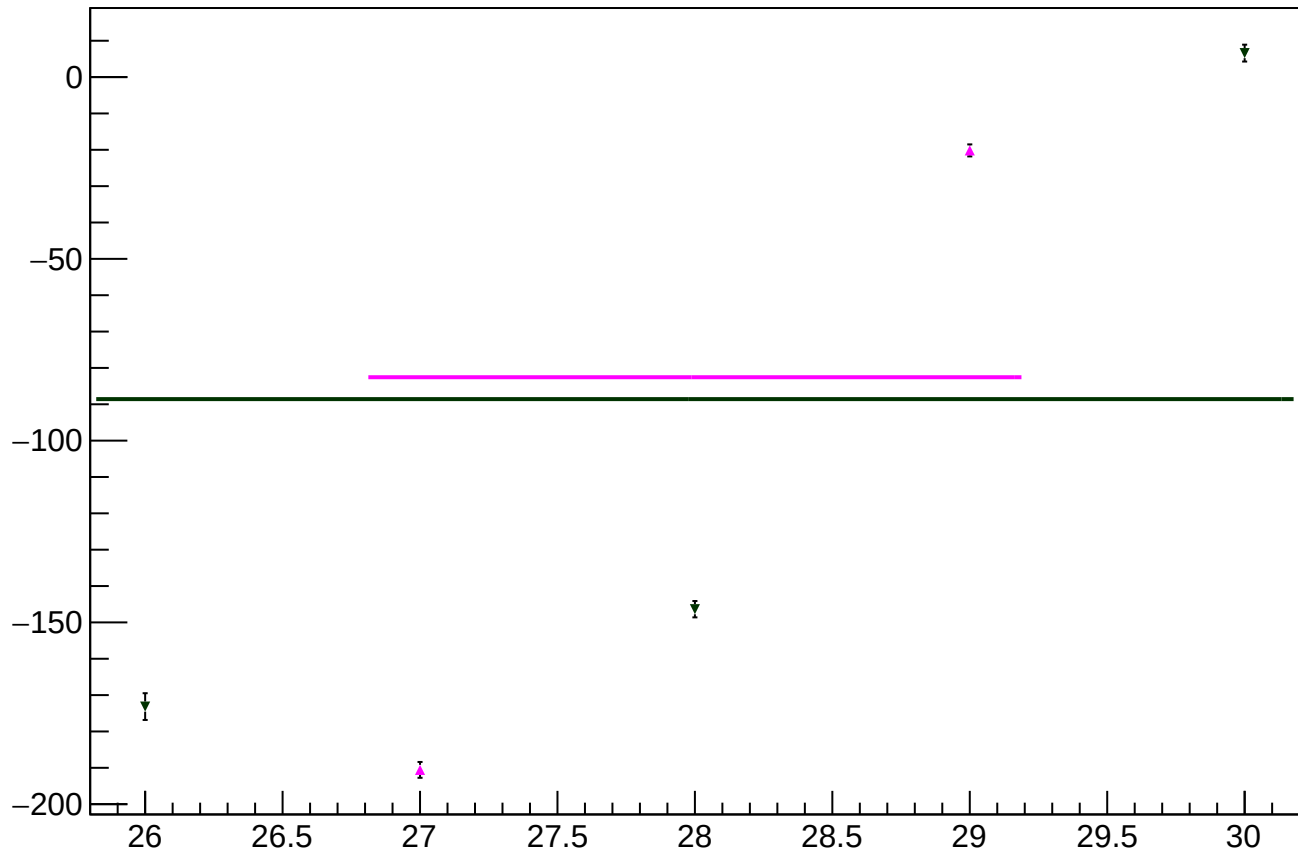
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 48.712+/-0.189 χ^2/NDF : 56867.0/1

56.741+/-0.153 χ^2/NDF : 35203.8/2

48.712+/-0.189 χ^2/NDF : 56867.0/1

reg_asym_atr2_diff_bpm4aX_slope vs slug



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

Left Out: -88.580+/-1.479 χ^2/NDF : 2870.2/2

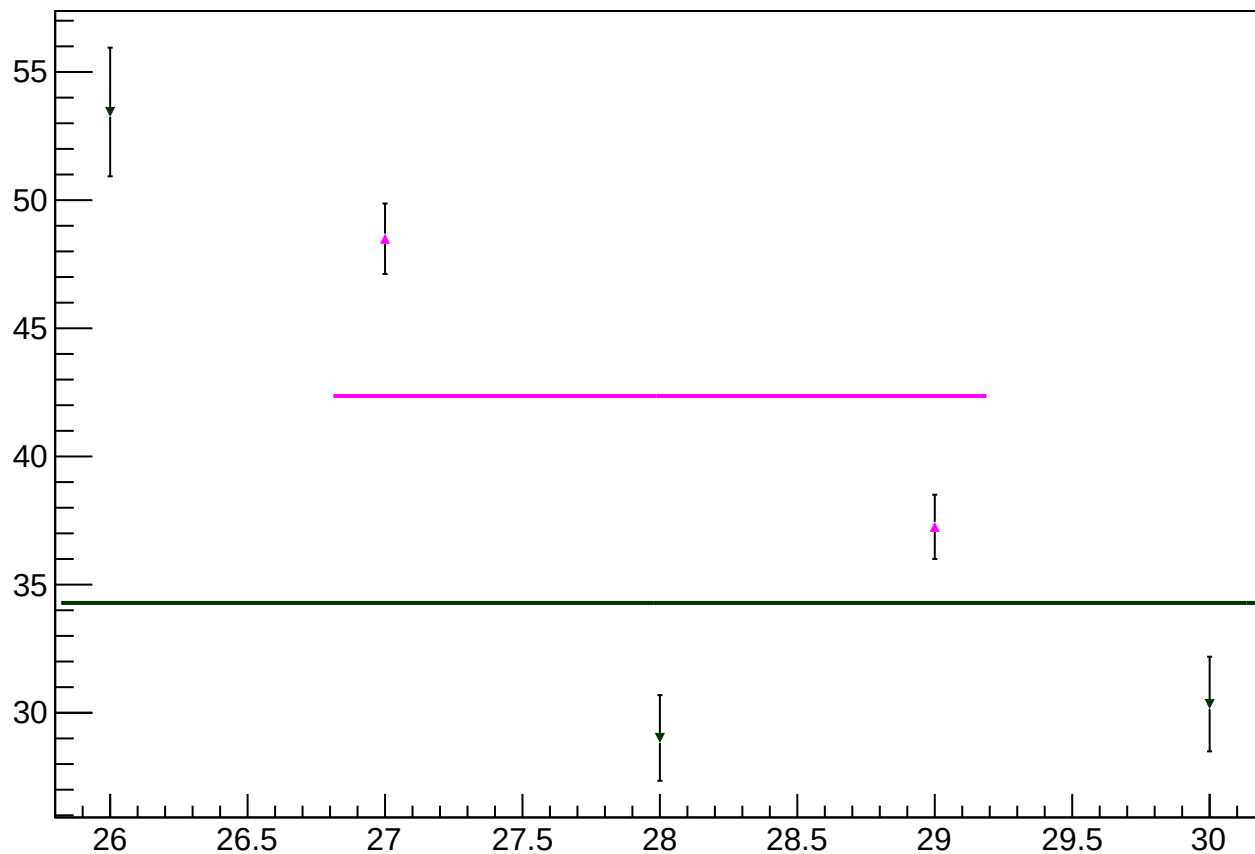
-88.580+/-1.479 χ^2/NDF : 2870.2/2

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

-82.561+/-1.317 χ^2/NDF : 3886.1/1

Left In: -82.561+/-1.317 χ^2/NDF : 3886.1/1

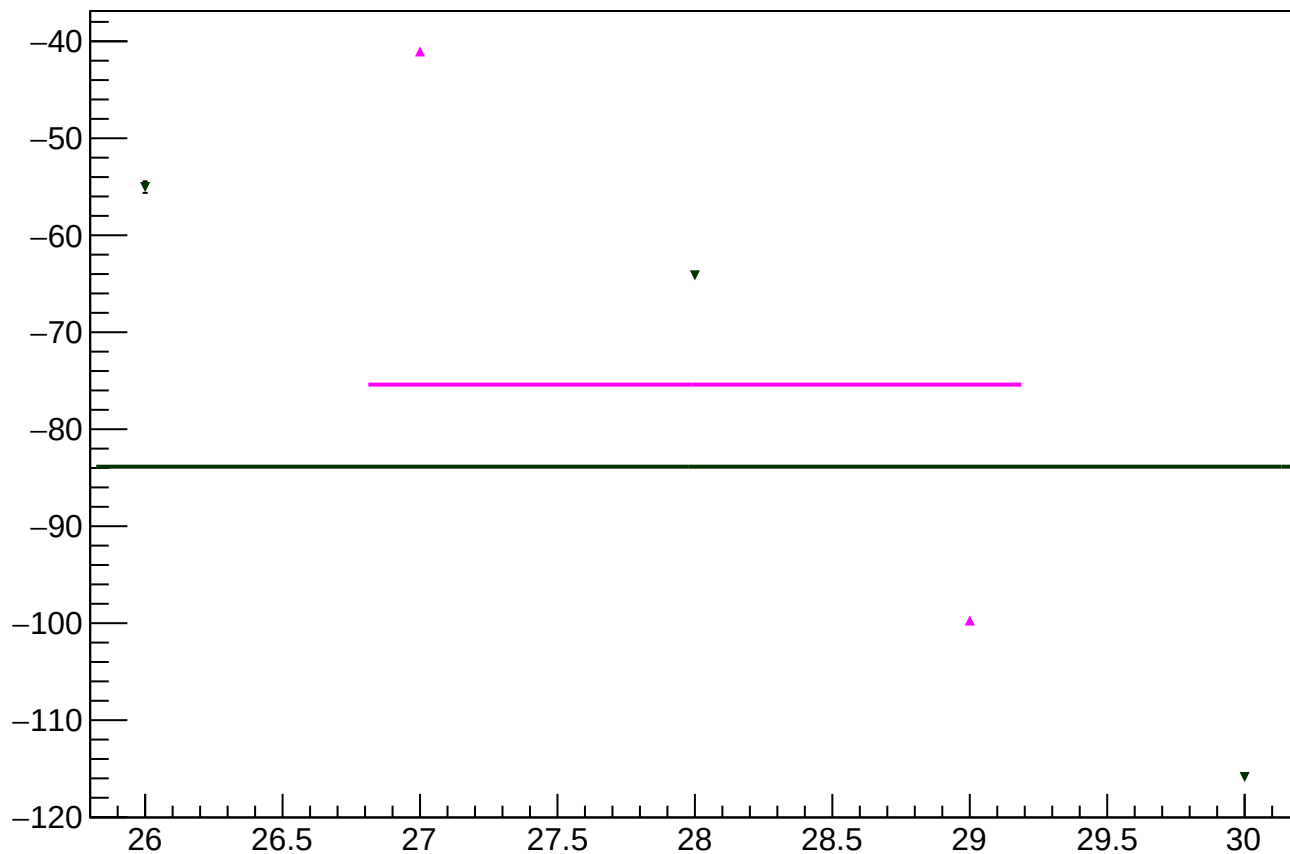
reg_asym_atr2_diff_bpm4aY_slope vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 34.286 $\pm$ 1.111 χ^2 /NDF: 72.8/2
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 42.360 $\pm$ 0.927 χ^2 /NDF: 36.5/1

34.286 $\pm$ 1.111 χ^2 /NDF: 72.8/2
42.360 $\pm$ 0.927 χ^2 /NDF: 36.5/1

reg_asym_atr2_diff_bpm4eX_slope vs slug



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

Left Out: -83.863+/-0.248 χ^2/NDF : 11806.1/2

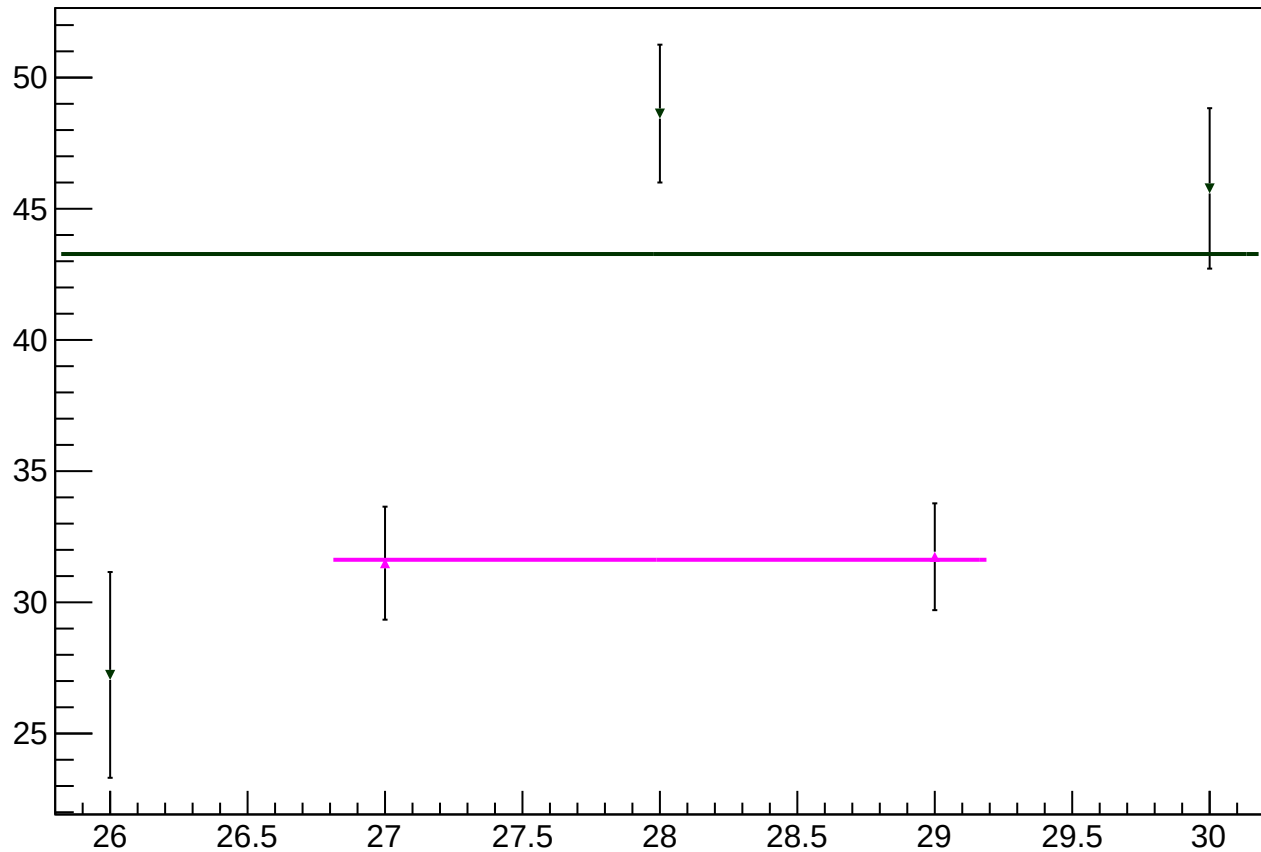
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -75.400+/-0.246 χ^2/NDF : 13760.7/1

-83.863+/-0.248 χ^2/NDF : 11806.1/2

-75.400+/-0.246 χ^2/NDF : 13760.7/1

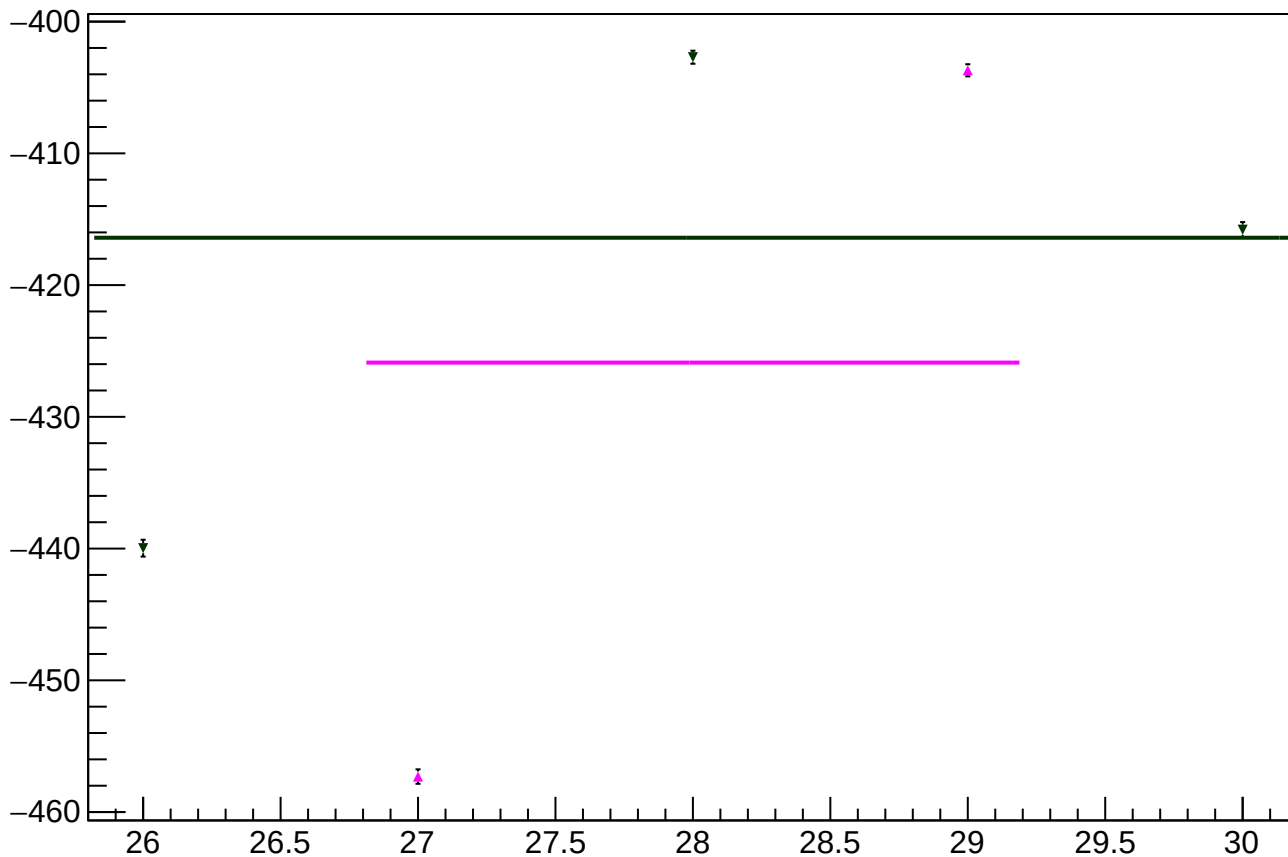
reg_asym_atr2_diff_bpm4eY_slope vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 43.275+/-1.776 χ^2/NDF : 21.6/2
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 31.622+/-1.479 χ^2/NDF : 0.0/1

43.275+/-1.776 χ^2/NDF : 21.6/2
31.622+/-1.479 χ^2/NDF : 0.0/1

reg_asym_atr2_diff_bpm11X_slope vs slug



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

Left Out: -416.405+/-0.325 χ^2/NDF : 2118.2/2

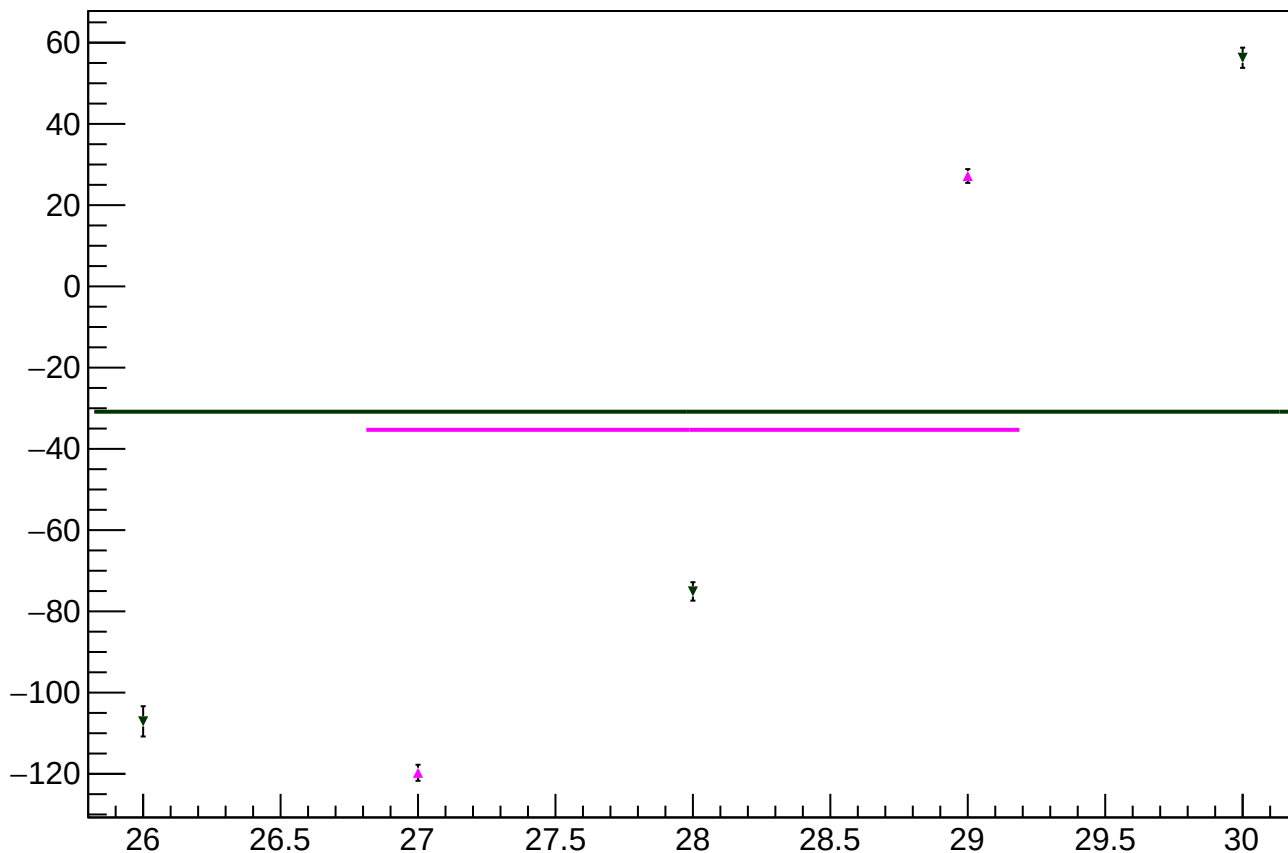
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -425.882+/-0.354 χ^2/NDF : 5577.4/1

-416.405+/-0.325 χ^2/NDF : 2118.2/2

-425.882+/-0.354 χ^2/NDF : 5577.4/1

reg_asym_atl2_diff_bpm4aX_slope vs slug



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

Left Out: -30.851+/-1.529 χ^2/NDF : 2024.7/2

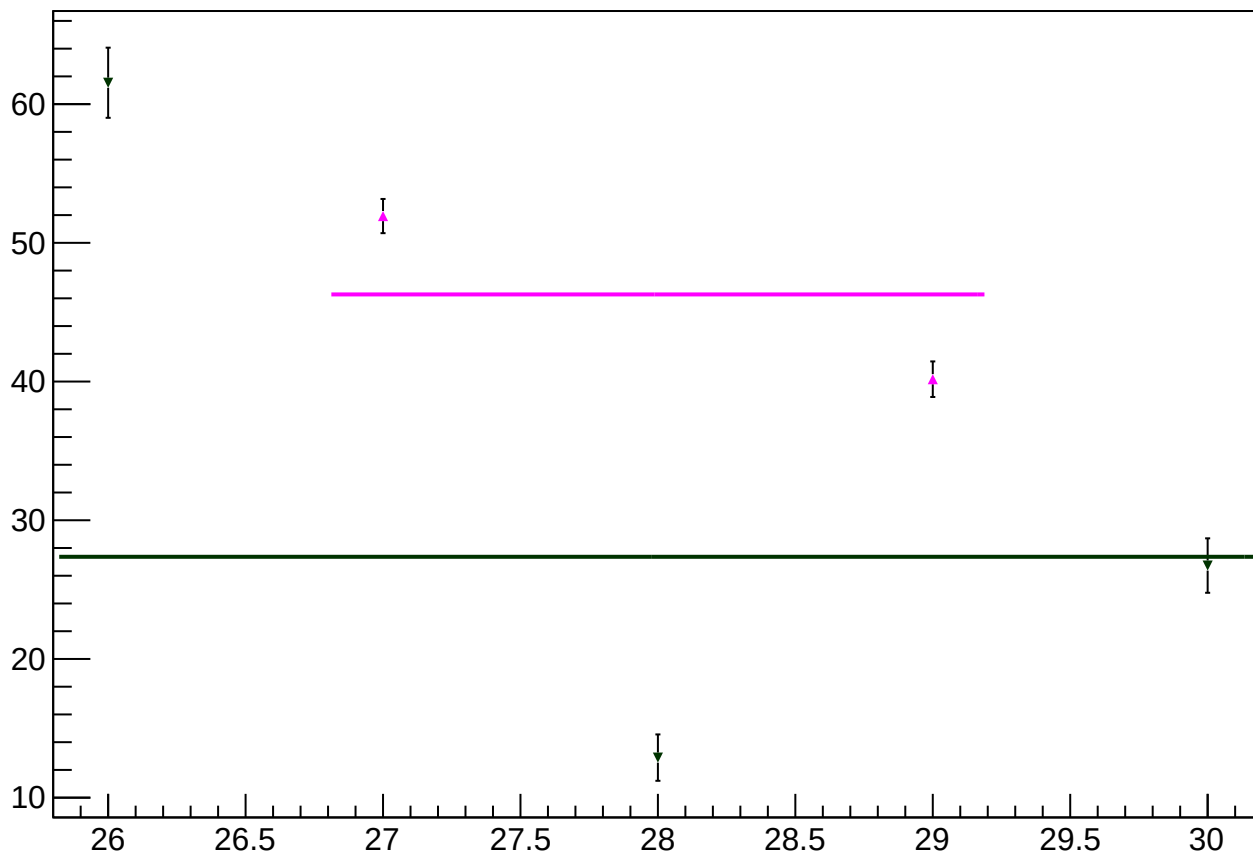
-30.851+/-1.529 χ^2/NDF : 2024.7/2

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

-35.309+/-1.287 χ^2/NDF : 3183.5/1

Left In: -35.309+/-1.287 χ^2/NDF : 3183.5/1

reg_asym_atl2_diff_bpm4aY_slope vs slug



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

Left Out: 27.366+/-1.137 χ^2/NDF : 257.8/2

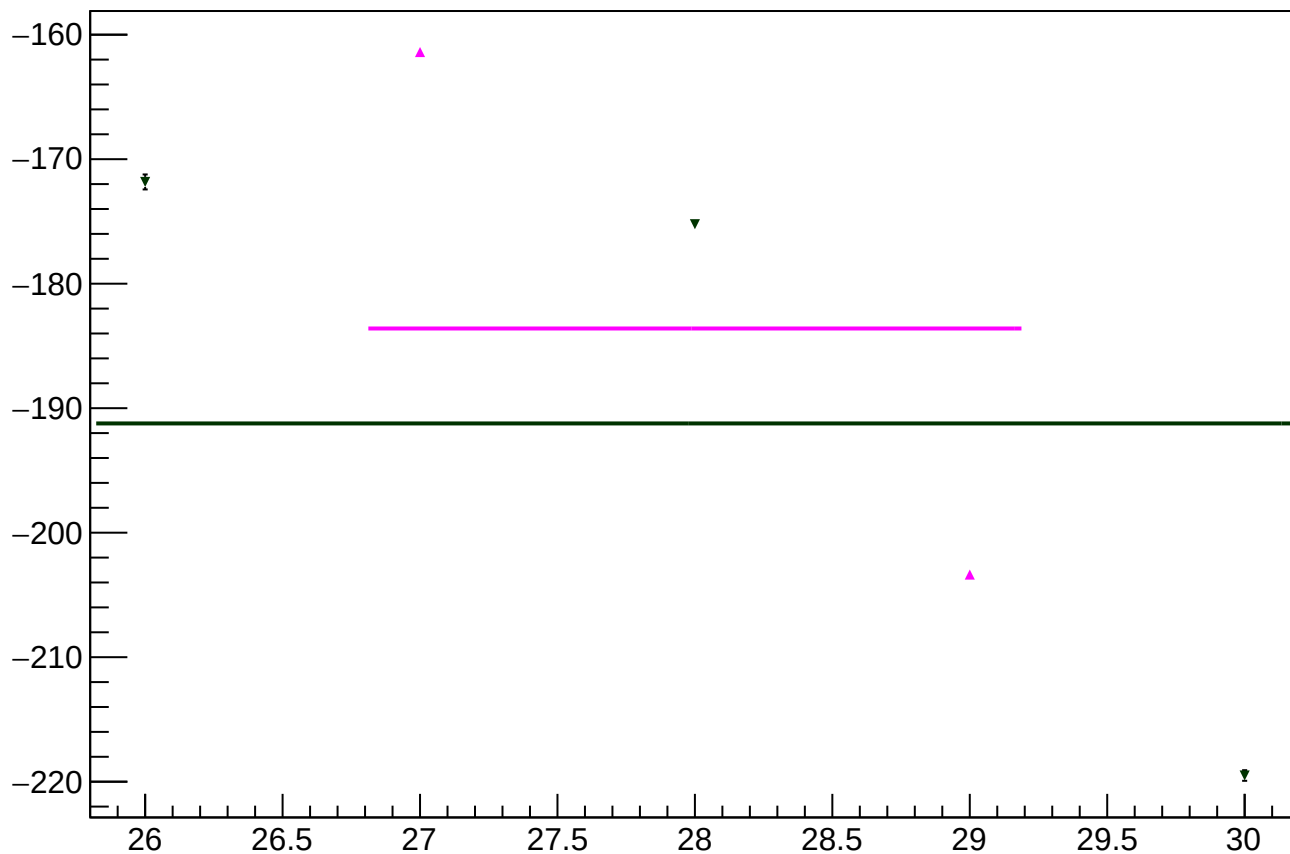
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 46.281+/-0.888 χ^2/NDF : 43.7/1

27.366+/-1.137 χ^2/NDF : 257.8/2

46.281+/-0.888 χ^2/NDF : 43.7/1

reg_asym_atl2_diff_bpm4eX_slope vs slug



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

Left Out: -191.225+/-0.261 χ^2/NDF : 7076.1/2

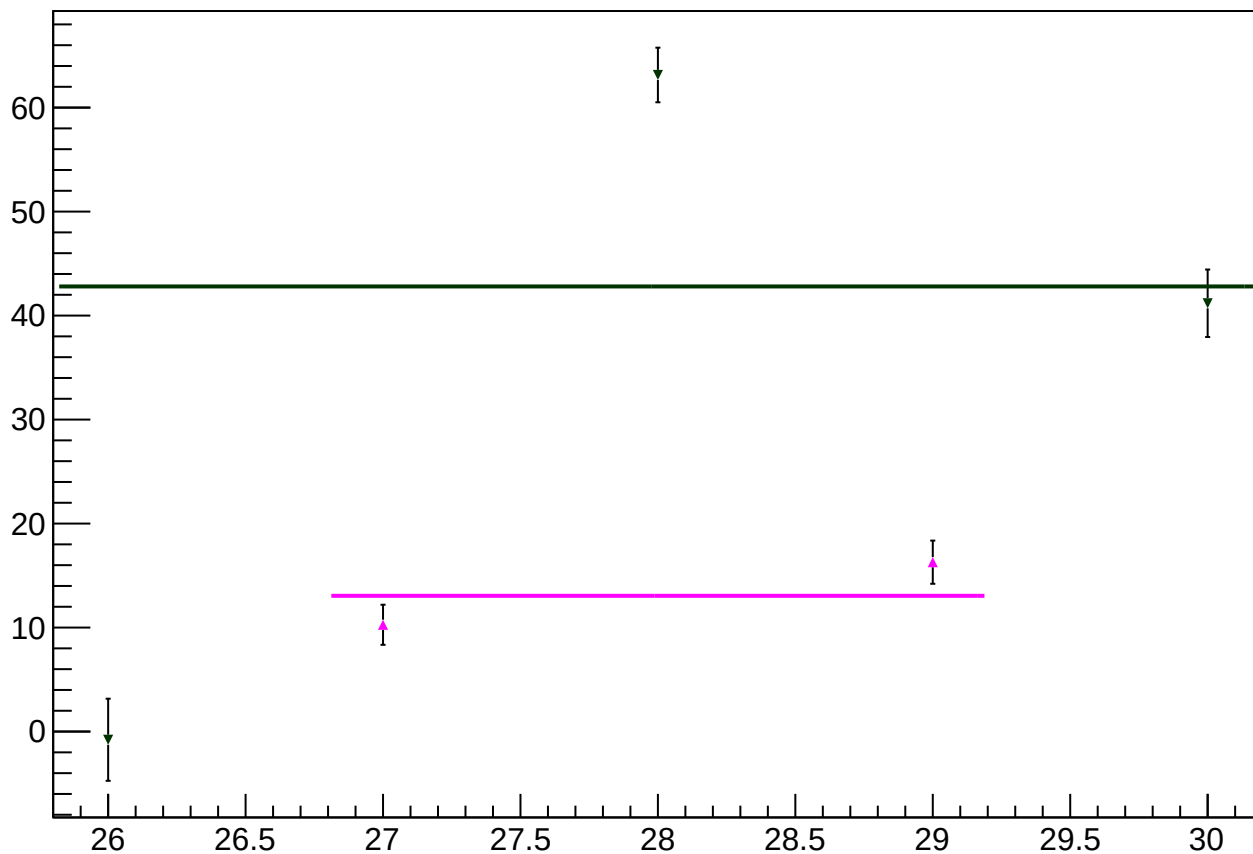
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -183.599+/-0.240 χ^2/NDF : 7595.6/1

-191.225+/-0.261 χ^2/NDF : 7076.1/2

-183.599+/-0.240 χ^2/NDF : 7595.6/1

reg_asym_atl2_diff_bpm4eY_slope vs slug



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

Left Out: 42.801+/-1.813 χ^2/NDF : 182.2/2

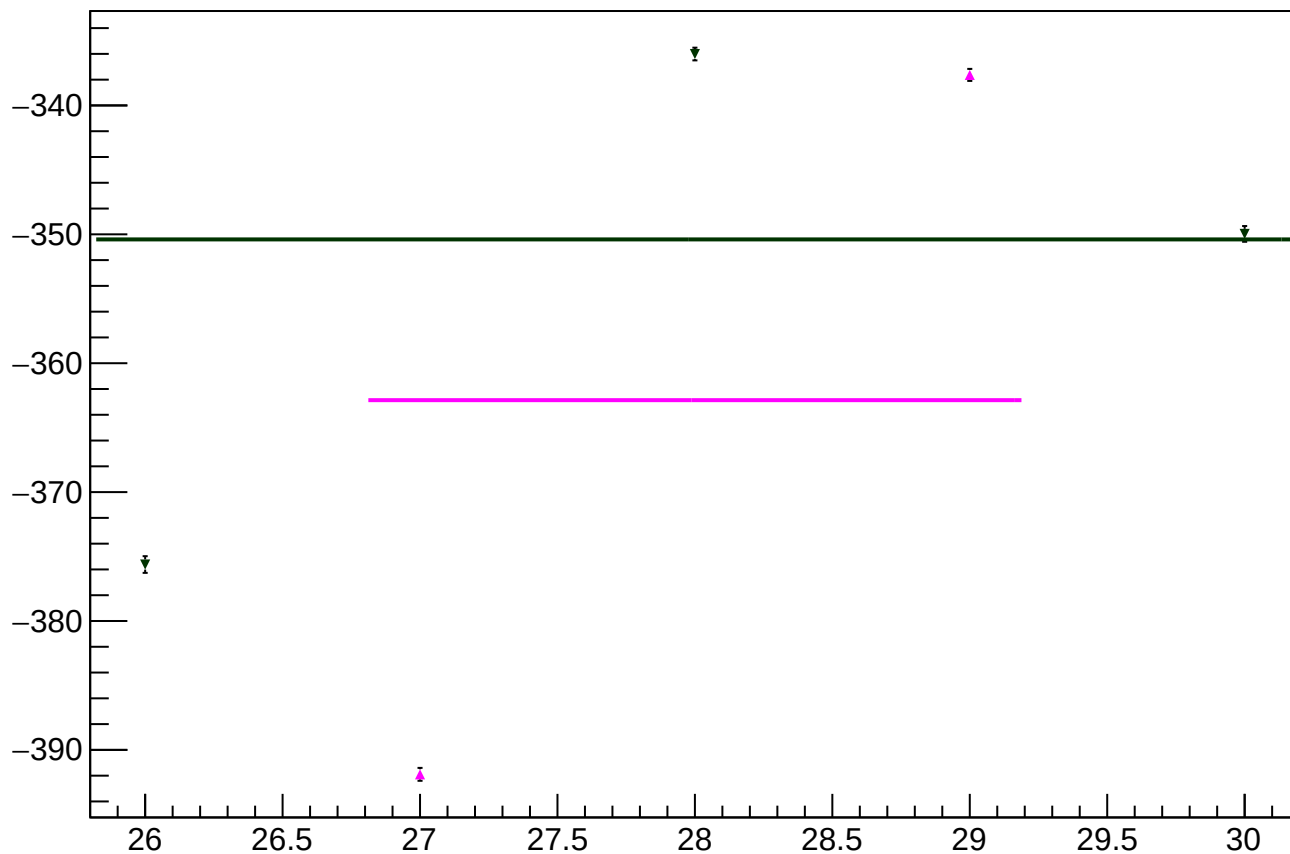
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 13.054+/-1.412 χ^2/NDF : 4.5/1

42.801+/-1.813 χ^2/NDF : 182.2/2

13.054+/-1.412 χ^2/NDF : 4.5/1

reg_asym_atl2_diff_bpm11X_slope vs slug



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

Left Out: -350.395+/-0.330 χ^2/NDF : 2370.2/2

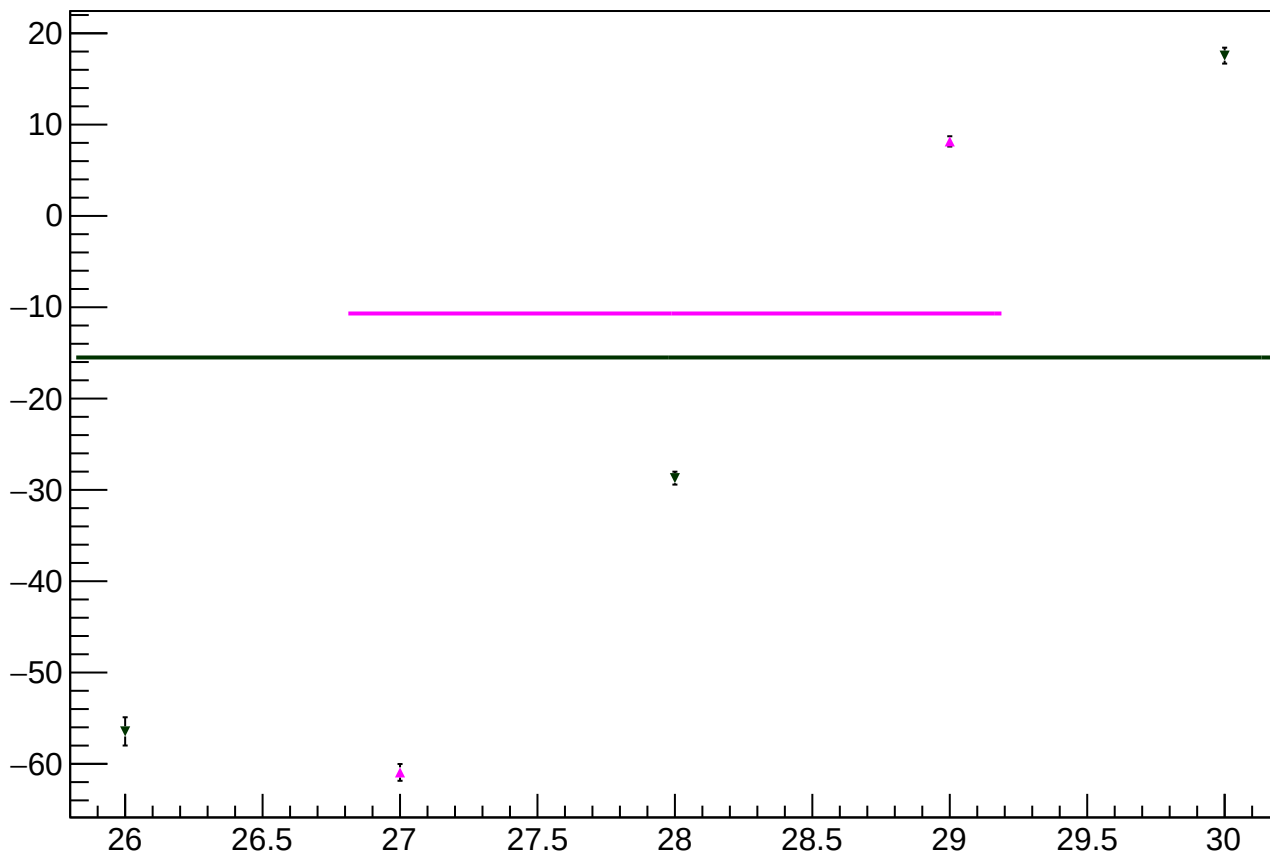
-350.395+/-0.330 χ^2/NDF : 2370.2/2

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

-362.866+/-0.341 χ^2/NDF : 6283.8/1

Left In: -362.866+/-0.341 χ^2/NDF : 6283.8/1

reg_asym_atl_avg_diff_bpm4aX_slope vs slug



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

Left Out: -15.500+/-0.517 χ^2/NDF : 2488.0/2

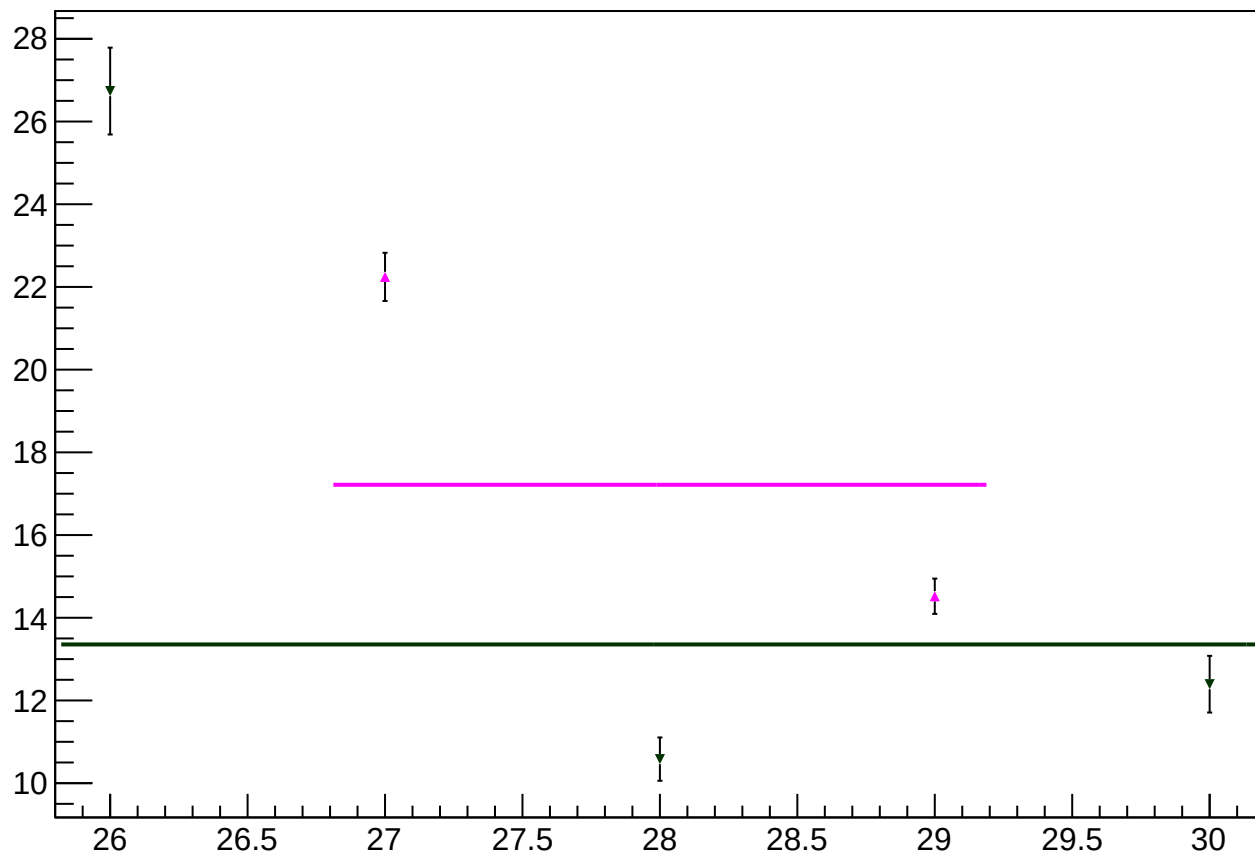
-15.500+/-0.517 χ^2/NDF : 2488.0/2

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

-10.684+/-0.480 χ^2/NDF : 4110.0/1

Left In: -10.684+/-0.480 χ^2/NDF : 4110.0/1

reg_asym_atl_avg_diff_bpm4aY_slope vs slug



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

Left Out: 13.355+/-0.387 χ^2/NDF :192.4/2

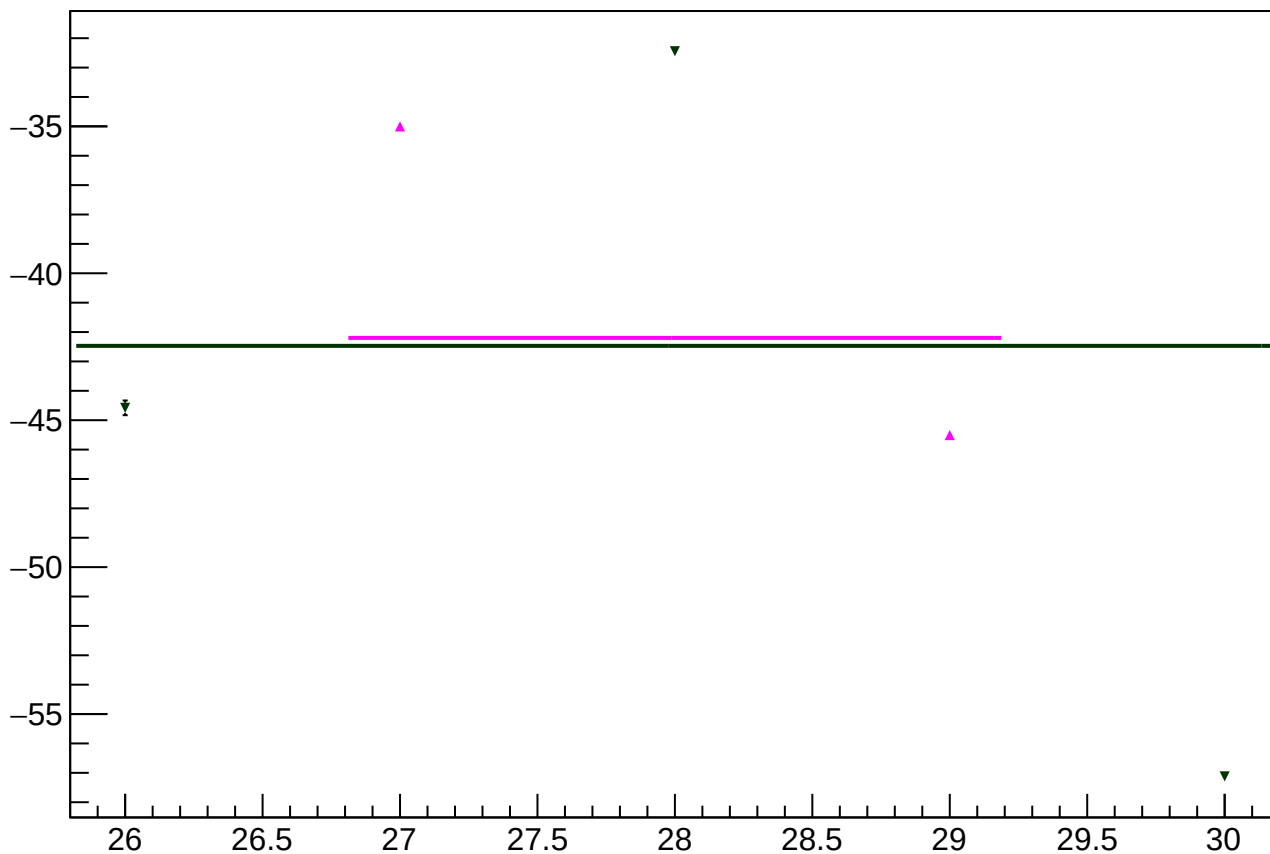
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 17.216+/-0.344 χ^2/NDF :114.5/1

13.355+/-0.387 χ^2/NDF : 192.4/2

17.216+/-0.344 χ^2/NDF : 114.5/1

reg_asym_atl_avg_diff_bpm4eX_slope vs slug



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

Left Out: -42.470+/-0.089 χ^2/NDF : 16310.4/2

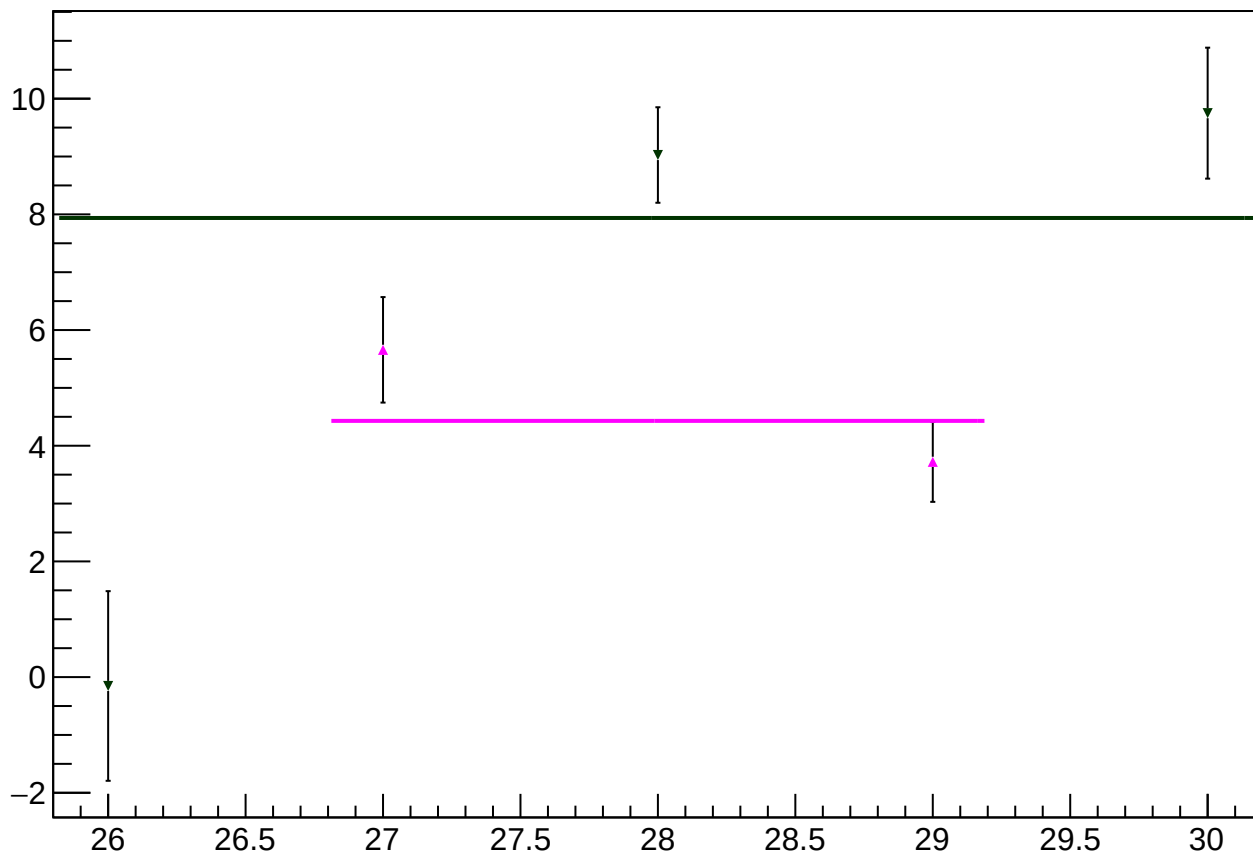
-42.470+/-0.089 χ^2/NDF : 16310.4/2

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

-42.199+/-0.091 χ^2/NDF : 2895.5/1

Left In: -42.199+/-0.091 χ^2/NDF : 2895.5/1

reg_asym_atl_avg_diff_bpm4eY_slope vs slug



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

Left Out: 7.938+/-0.618 χ^2/NDF : 28.7/2

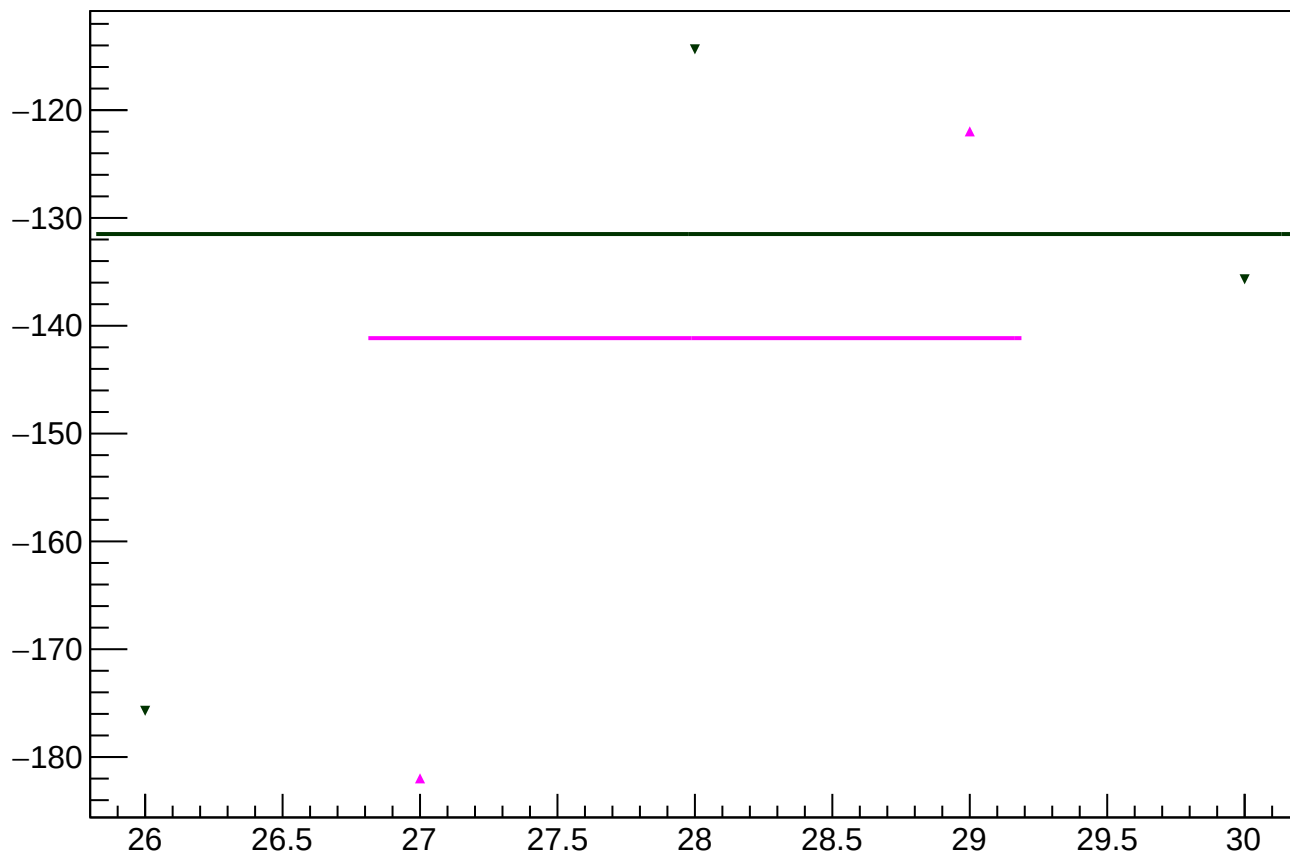
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 4.429+/-0.551 χ^2/NDF : 2.9/1

7.938+/-0.618 χ^2/NDF : 28.7/2

4.429+/-0.551 χ^2/NDF : 2.9/1

reg_asym_atl_avg_diff_bpm11X_slope vs slug



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

Left Out: -131.493 ± 0.114 χ^2/NDF : 39459.7/2

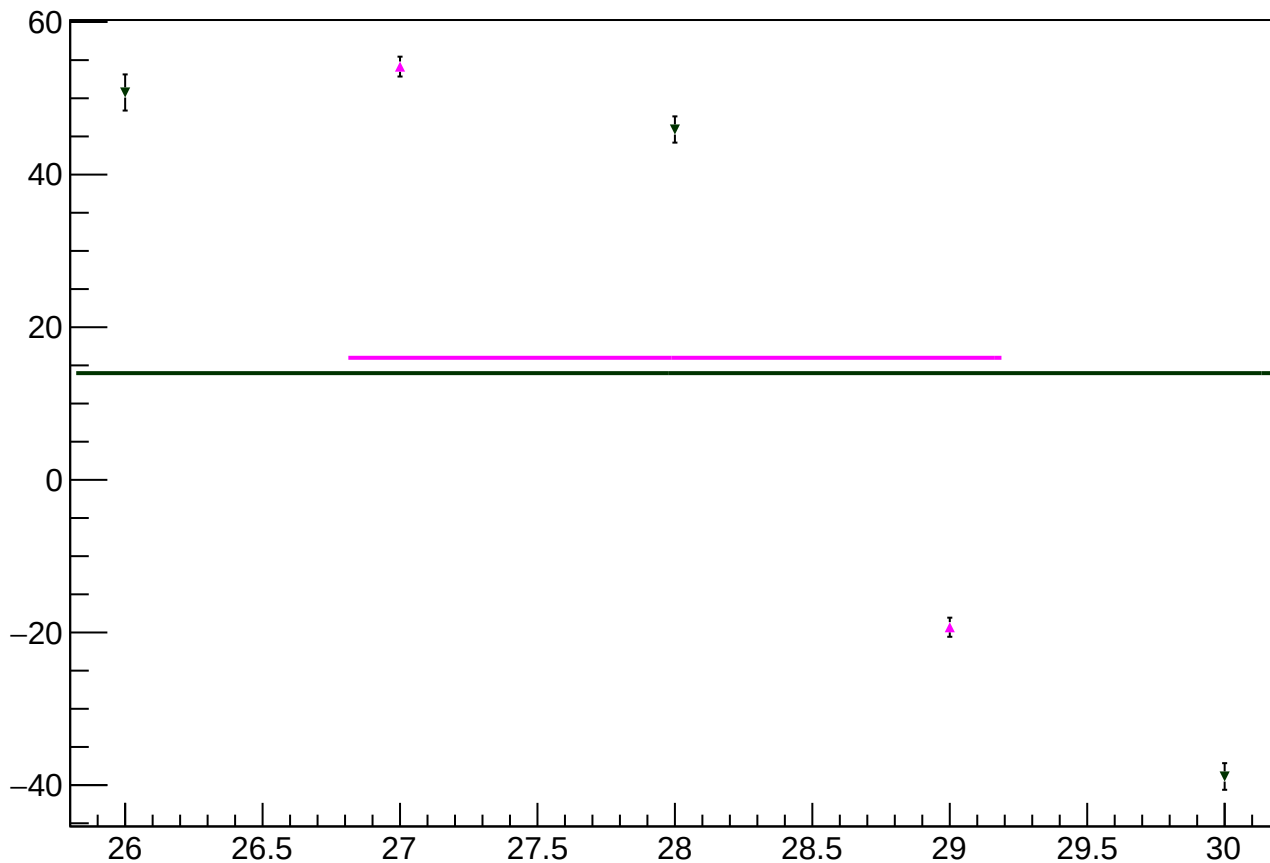
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -141.149 ± 0.129 χ^2/NDF : 47083.9/1

-131.493 ± 0.114 χ^2/NDF : 39459.7/2

-141.149 ± 0.129 χ^2/NDF : 47083.9/1

reg_asym_atl_dd_diff_bpm4aX_slope vs slug



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

Left Out: 13.984+/-1.088 χ^2/NDF :1502.7/2

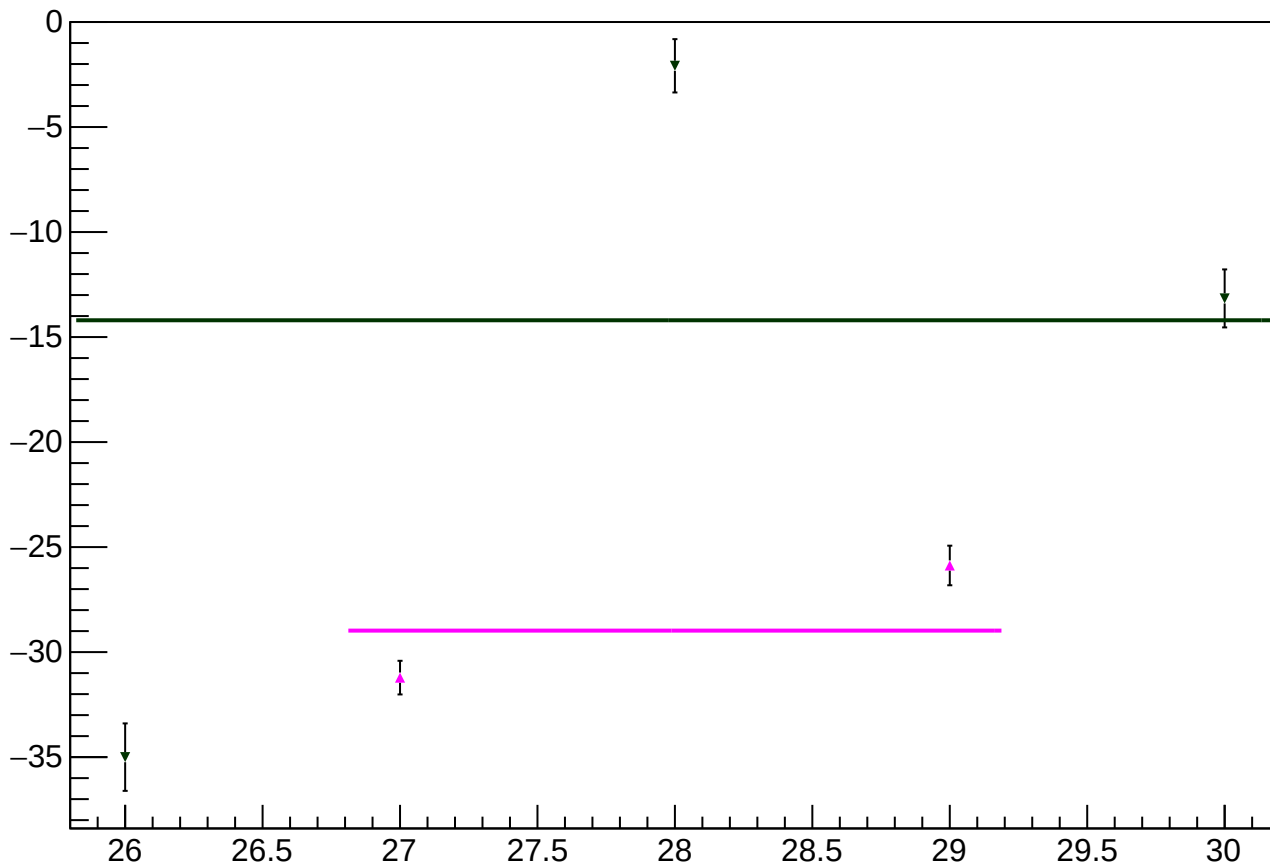
13.984+/-1.088 χ^2/NDF : 1502.7/2

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

15.995+/-0.902 χ^2/NDF : 1654.9/1

Left In: 15.995+/-0.902 χ^2/NDF :1654.9/1

reg_asym_atl_dd_diff_bpm4aY_slope vs slug



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

Left Out: -14.200+/-0.808 χ^2/NDF : 259.4/2

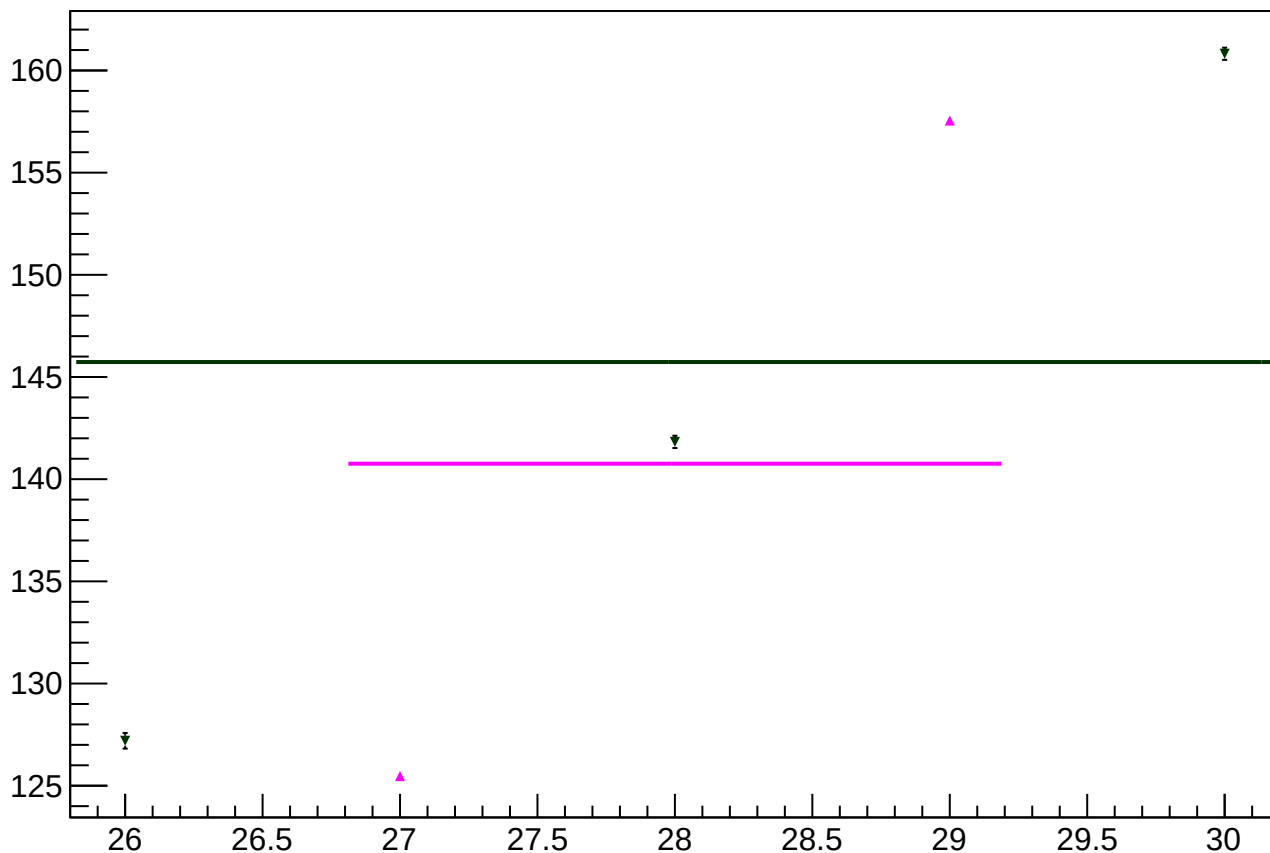
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -28.977+/-0.610 χ^2/NDF : 18.6/1

-14.200+/-0.808 χ^2/NDF : 259.4/2

-28.977+/-0.610 χ^2/NDF : 18.6/1

reg_asym_atl_dd_diff_bpm4eX_slope vs slug



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

Left Out: 145.733+/-0.186 χ^2/NDF : 5063.3/2

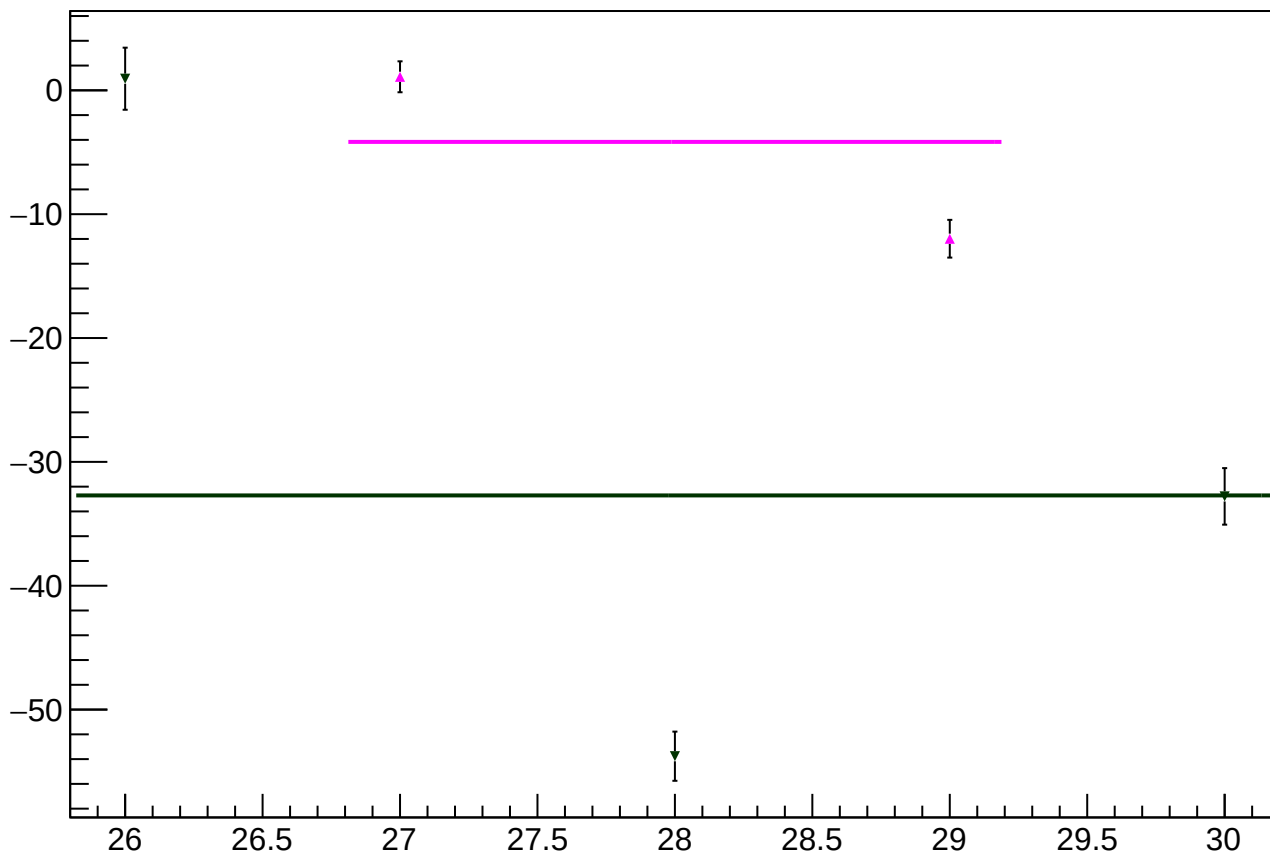
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 140.757+/-0.168 χ^2/NDF : 9080.1/1

145.733+/-0.186 χ^2/NDF : 5063.3/2

140.757+/-0.168 χ^2/NDF : 9080.1/1

reg_asym_atl_dd_diff_bpm4eY_slope vs slug



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

Left Out: -32.709+/-1.286 χ^2/NDF :292.6/2

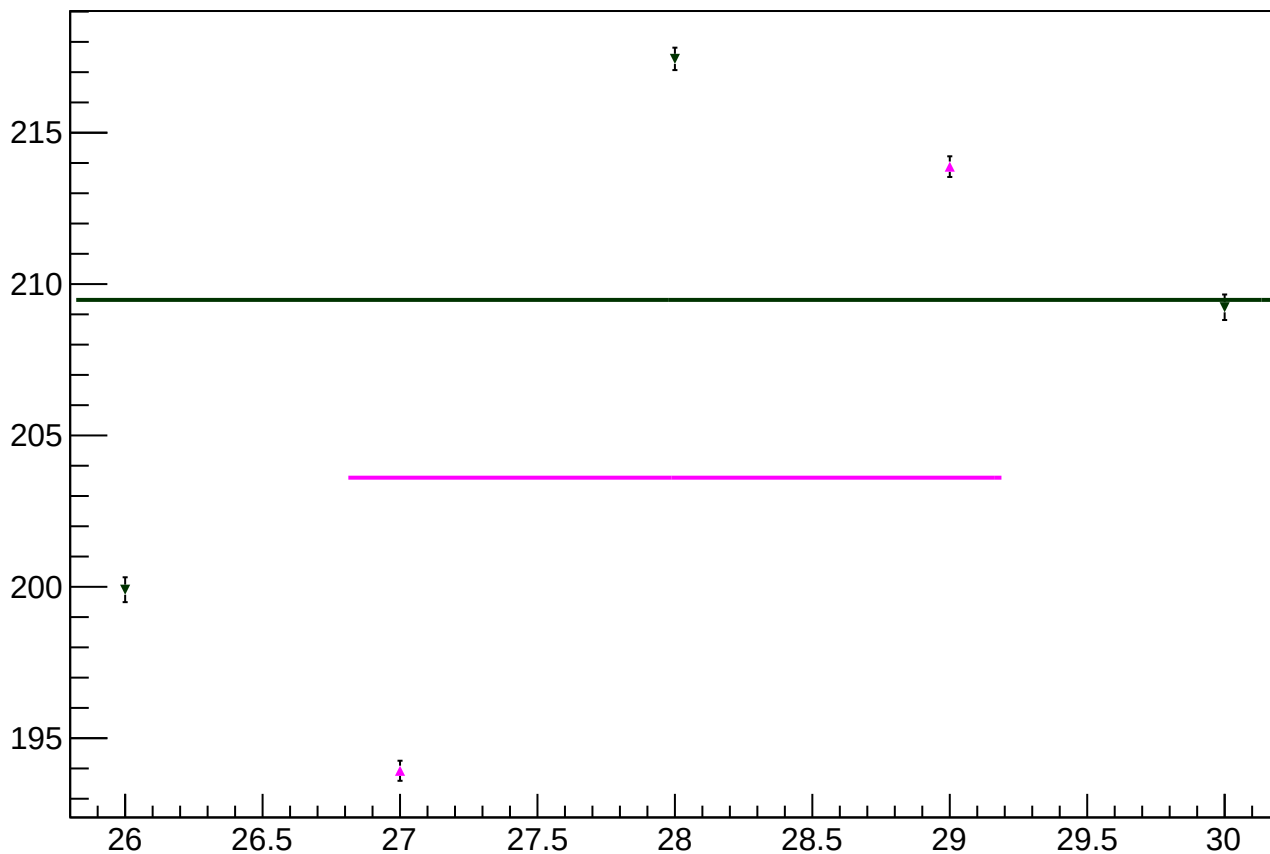
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -4.164+/-0.966 χ^2/NDF :44.1/1

-32.709+/-1.286 χ^2/NDF : 292.6/2

-4.164+/-0.966 χ^2/NDF : 44.1/1

reg_asym_atl_dd_diff_bpm11X_slope vs slug



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

Left Out: 209.478+/-0.230 χ^2/NDF :1006.1/2

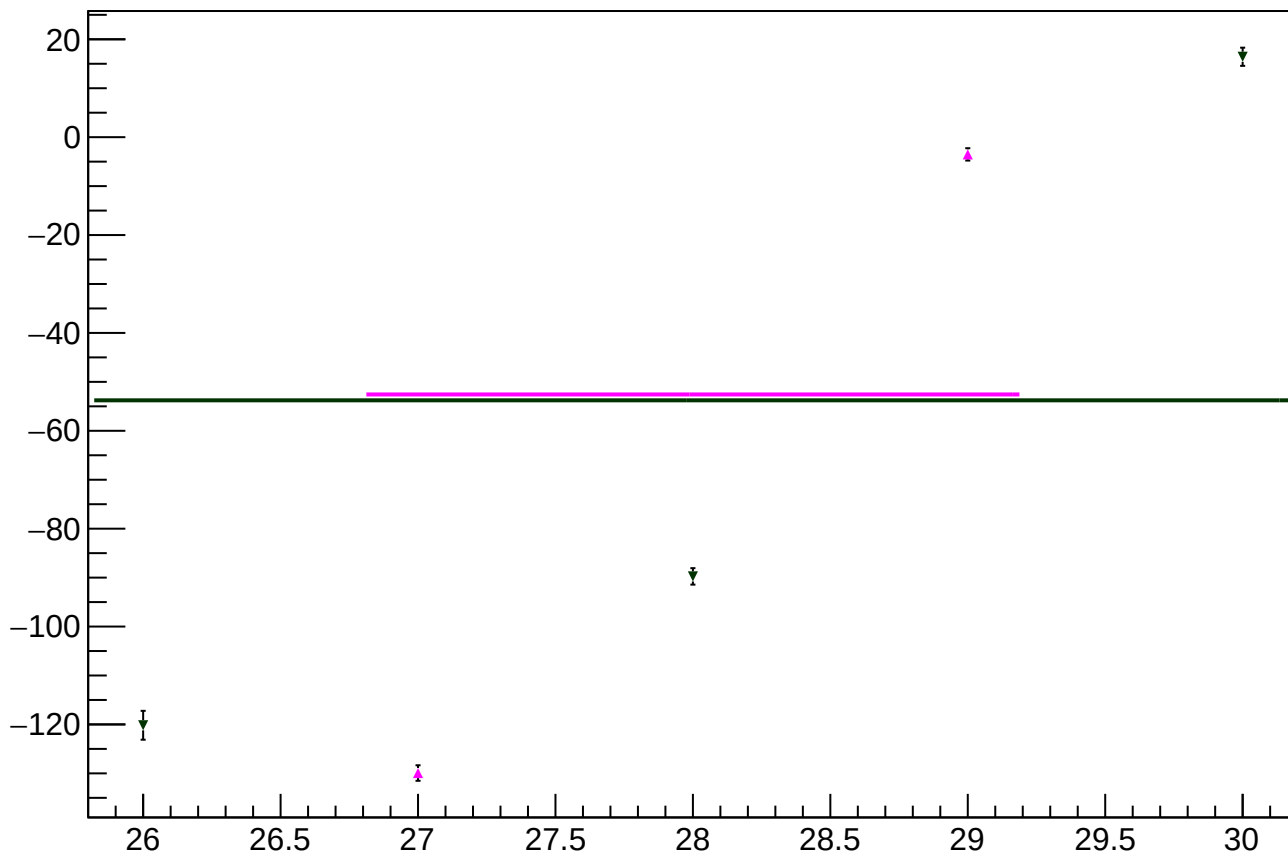
209.478+/-0.230 χ^2/NDF : 1006.1/2

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

203.605+/-0.238 χ^2/NDF : 1758.5/1

Left In: 203.605+/-0.238 χ^2/NDF :1758.5/1

reg_asym_atr_avg_diff_bpm4aX_slope vs slug



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

Left Out: -53.773+/-1.149 χ^2/NDF : 2391.9/2

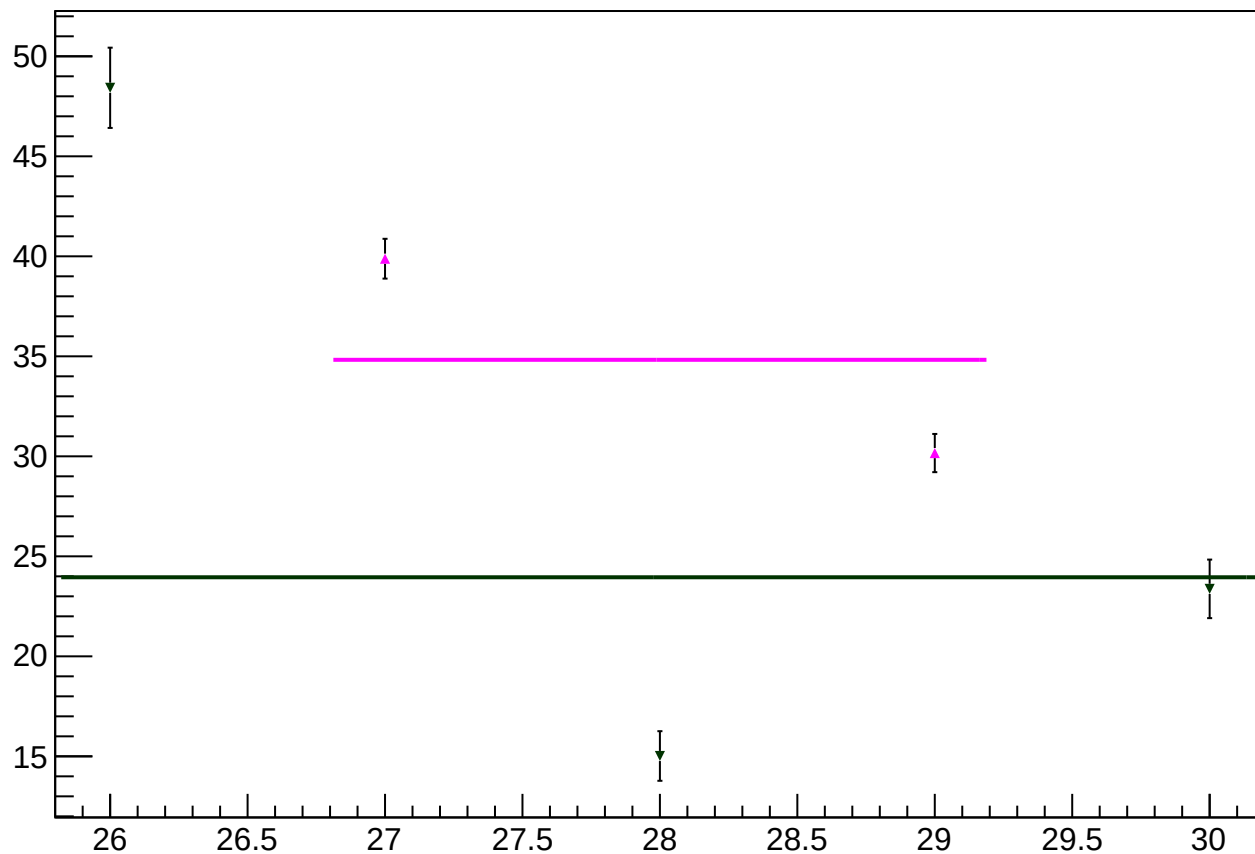
-53.773+/-1.149 χ^2/NDF : 2391.9/2

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

-52.572+/-0.988 χ^2/NDF : 3885.3/1

Left In: -52.572+/-0.988 χ^2/NDF : 3885.3/1

reg_asym_atr_avg_diff_bpm4aY_slope vs slug



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

Left Out: 23.953+/-0.856 χ^2/NDF :200.8/2

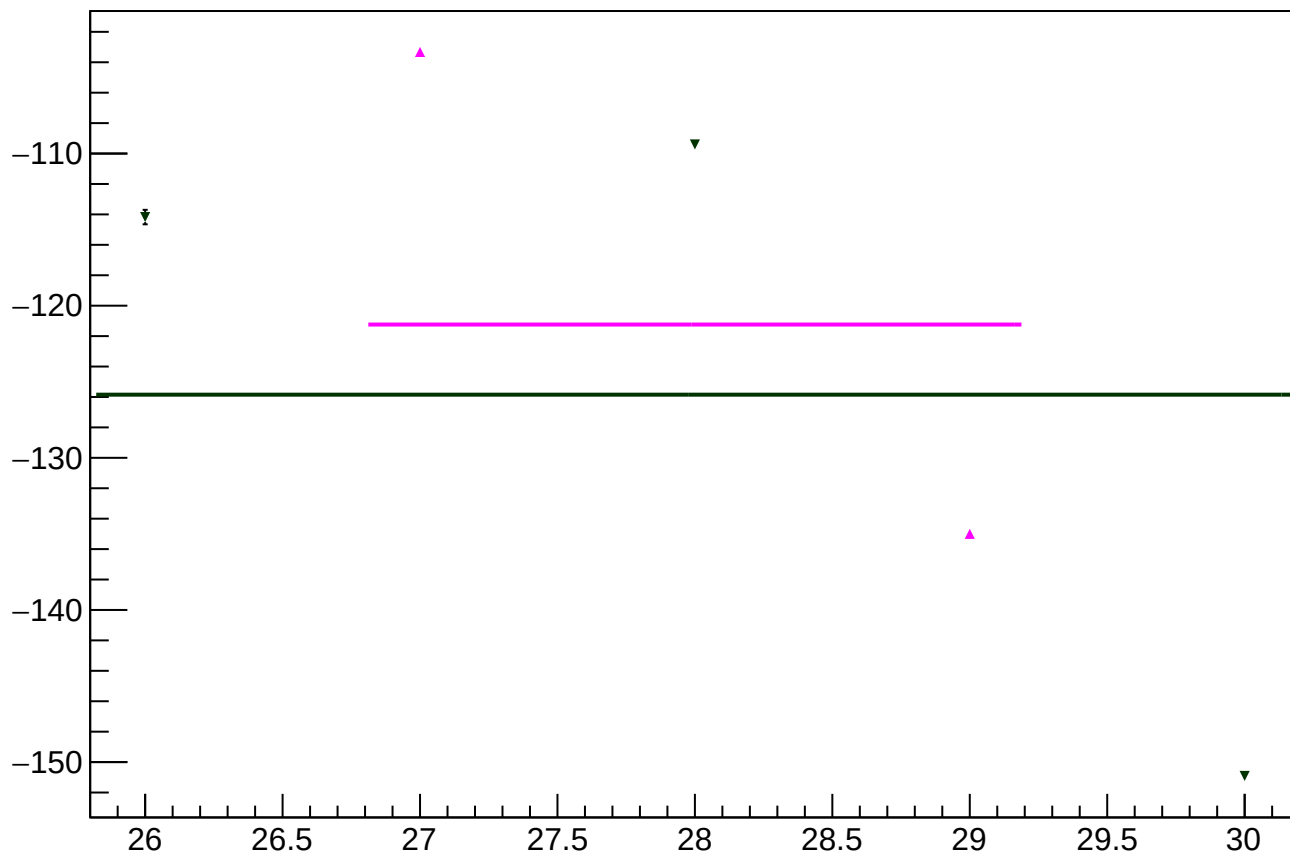
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 34.825+/-0.689 χ^2/NDF :49.6/1

23.953+/-0.856 χ^2/NDF : 200.8/2

34.825+/-0.689 χ^2/NDF : 49.6/1

reg_asym_atr_avg_diff_bpm4eX_slope vs slug



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

Left Out: -125.849+/-0.196 χ^2/NDF : 9930.7/2

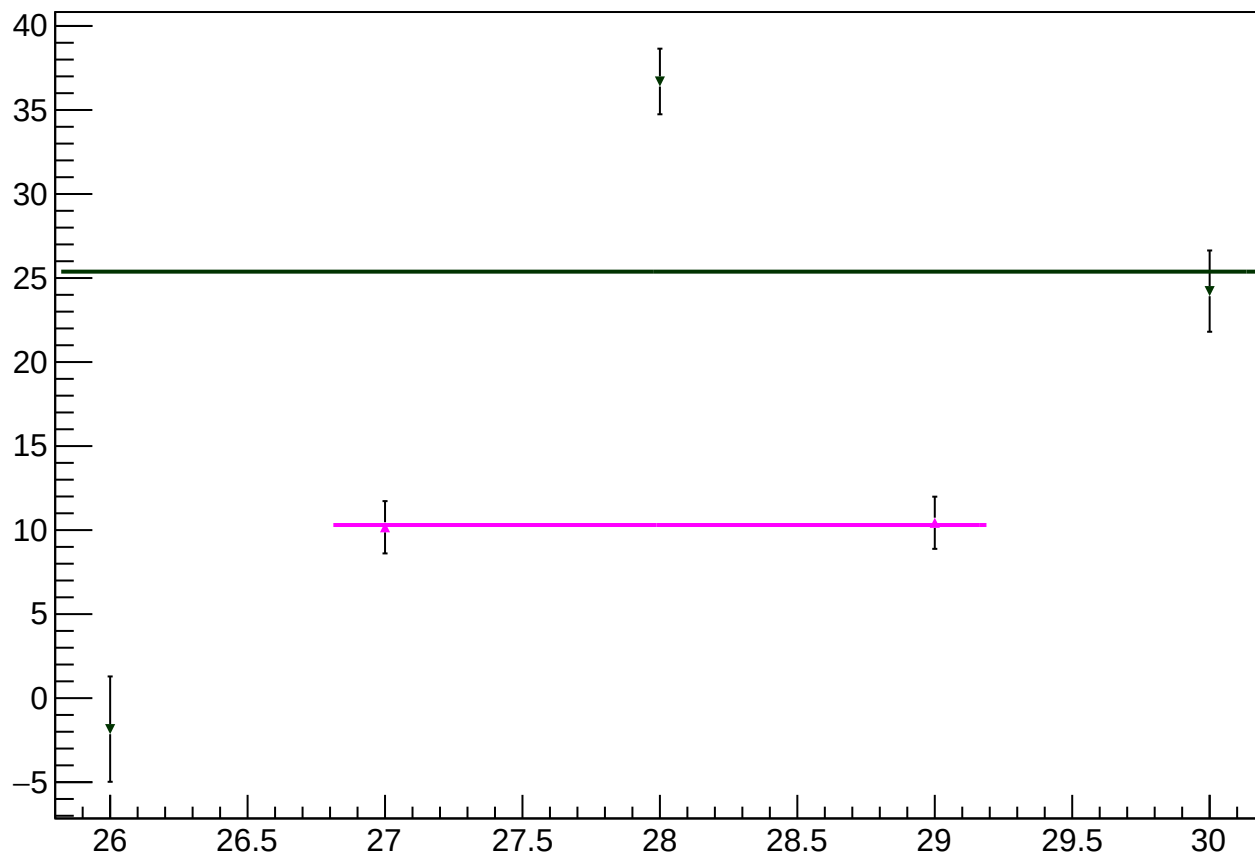
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -121.240+/-0.185 χ^2/NDF : 7202.2/1

-125.849+/-0.196 χ^2/NDF : 9930.7/2

-121.240+/-0.185 χ^2/NDF : 7202.2/1

reg_asym_atr_avg_diff_bpm4eY_slope vs slug



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

Left Out: 25.380+/-1.367 χ^2/NDF :109.3/2

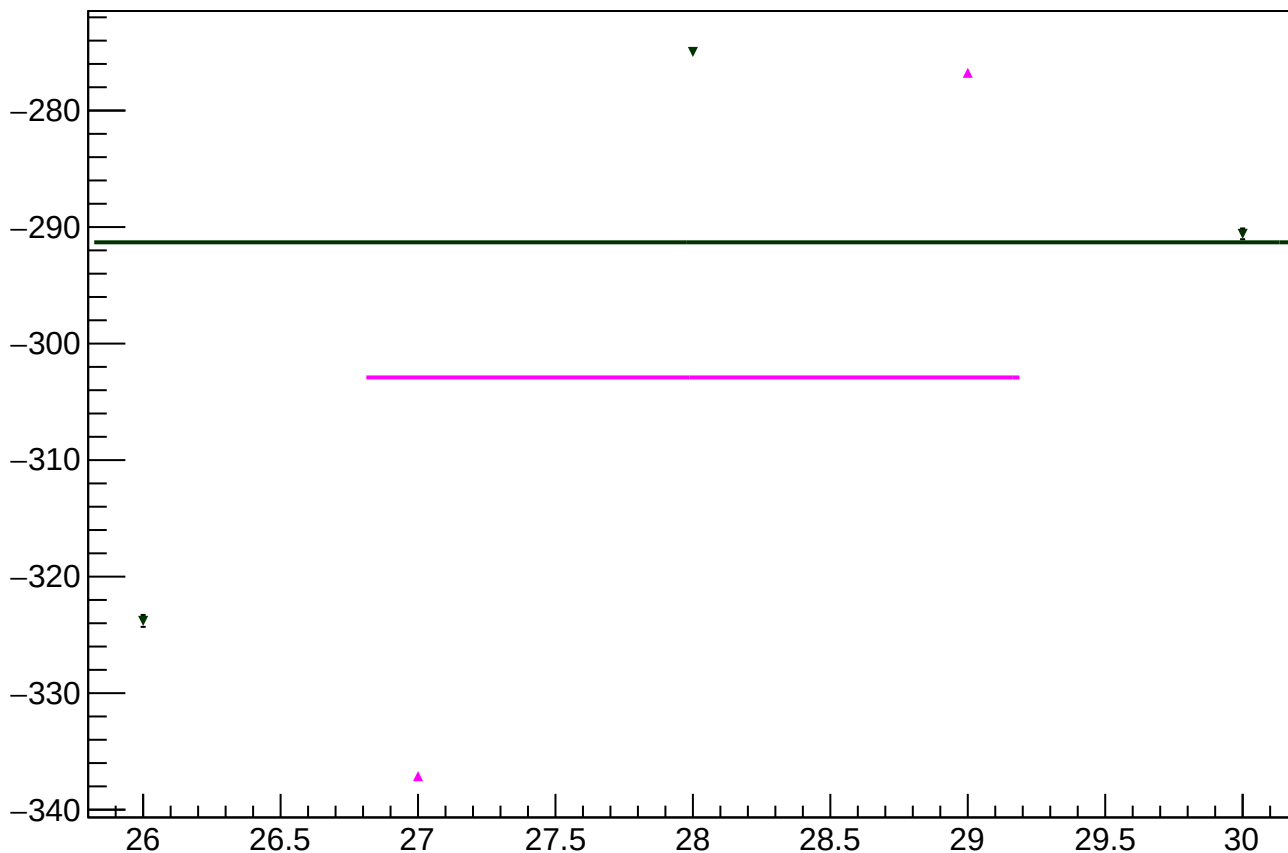
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 10.303+/-1.099 χ^2/NDF :0.0/1

25.380+/-1.367 χ^2/NDF : 109.3/2

10.303+/-1.099 χ^2/NDF : 0.0/1

reg_asym_atr_avg_diff_bpm11X_slope vs slug



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

Left Out: -291.309+/-0.251 χ^2/NDF : 5981.2/2

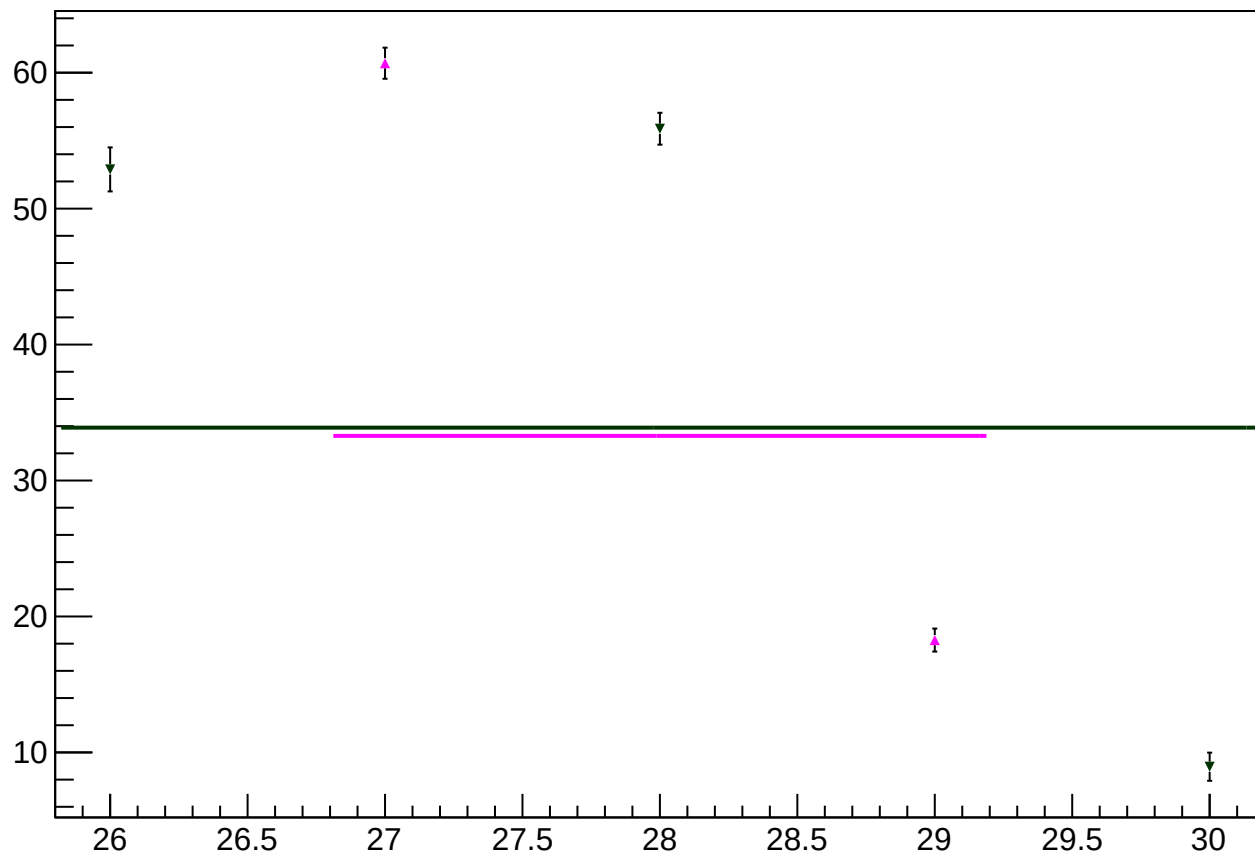
-291.309+/-0.251 χ^2/NDF : 5981.2/2

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

-302.906+/-0.264 χ^2/NDF : 12827.2/1

Left In: -302.906+/-0.264 χ^2/NDF : 12827.2/1

reg_asym_atr_dd_diff_bpm4aX_slope vs slug



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

Left Out: 33.890 $\pm$ 0.700 χ^2 /NDF: 1069.4/2

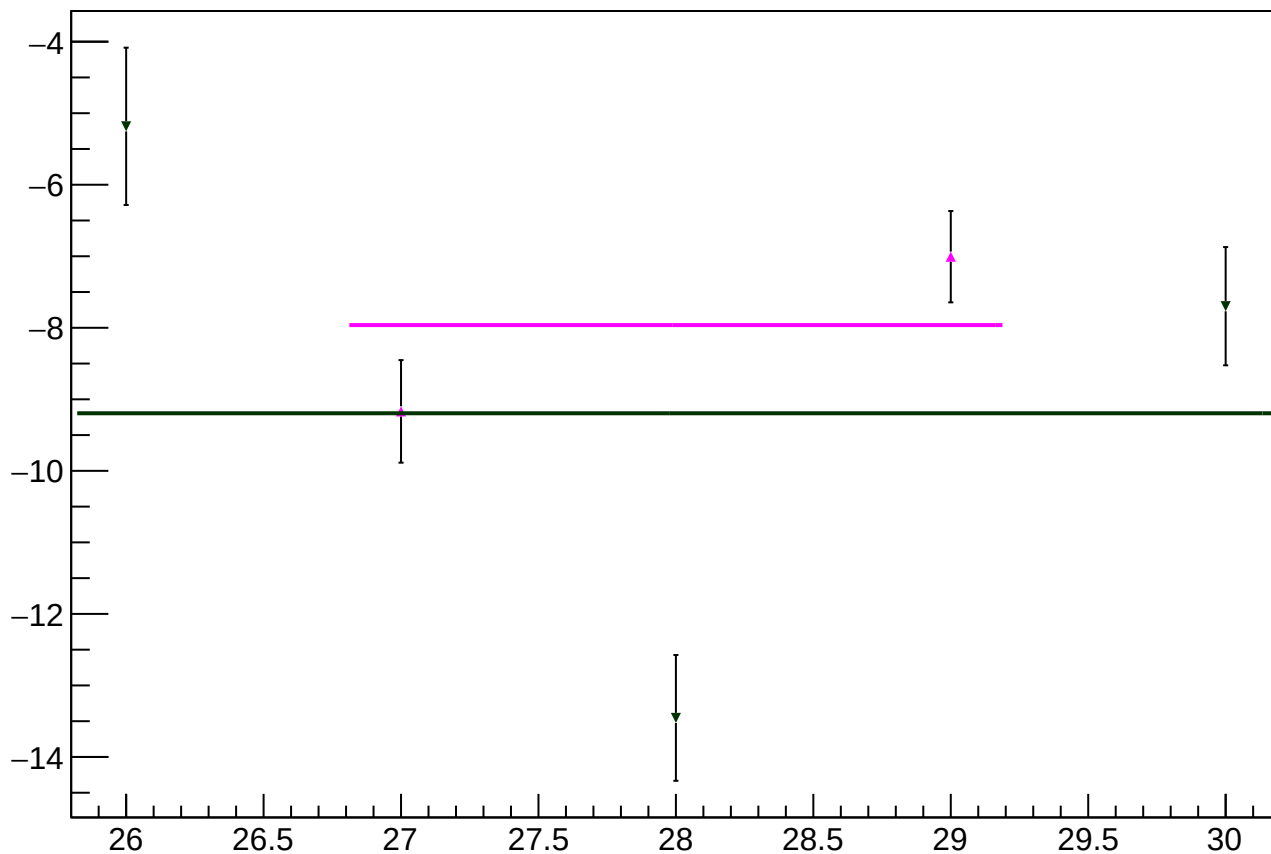
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 33.284 $\pm$ 0.681 χ^2 /NDF: 888.5/1

33.890 $\pm$ 0.700 χ^2 /NDF: 1069.4/2

33.284 $\pm$ 0.681 χ^2 /NDF: 888.5/1

reg_asym_atr_dd_diff_bpm4aY_slope vs slug



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

Left Out: -9.195+/-0.528 χ^2/NDF : 40.1/2

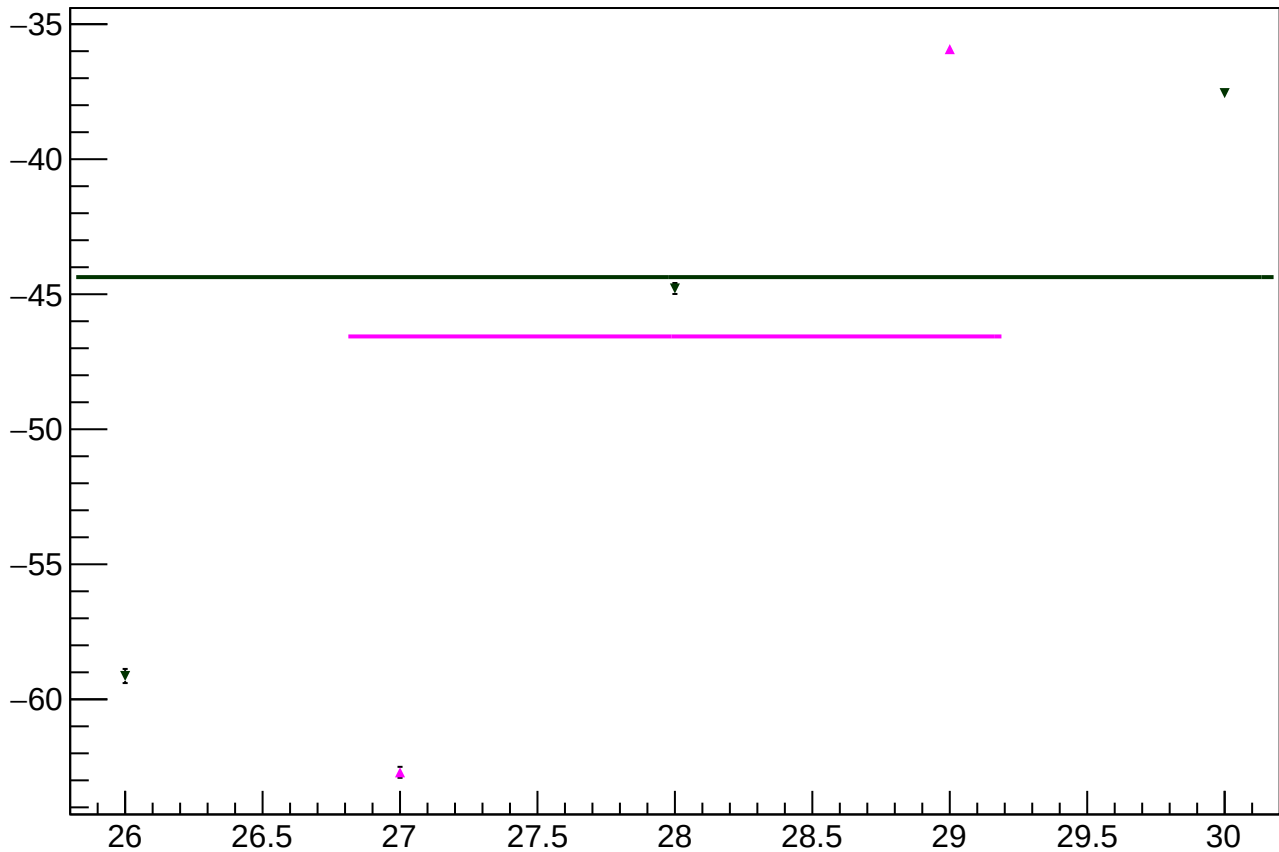
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -7.962+/-0.477 χ^2/NDF : 5.1/1

-9.195+/-0.528 χ^2/NDF : 40.1/2

-7.962+/-0.477 χ^2/NDF : 5.1/1

reg_asym_atr_dd_diff_bpm4eX_slope vs slug



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

Left Out: -44.366+/-0.118 χ^2/NDF : 4735.6/2

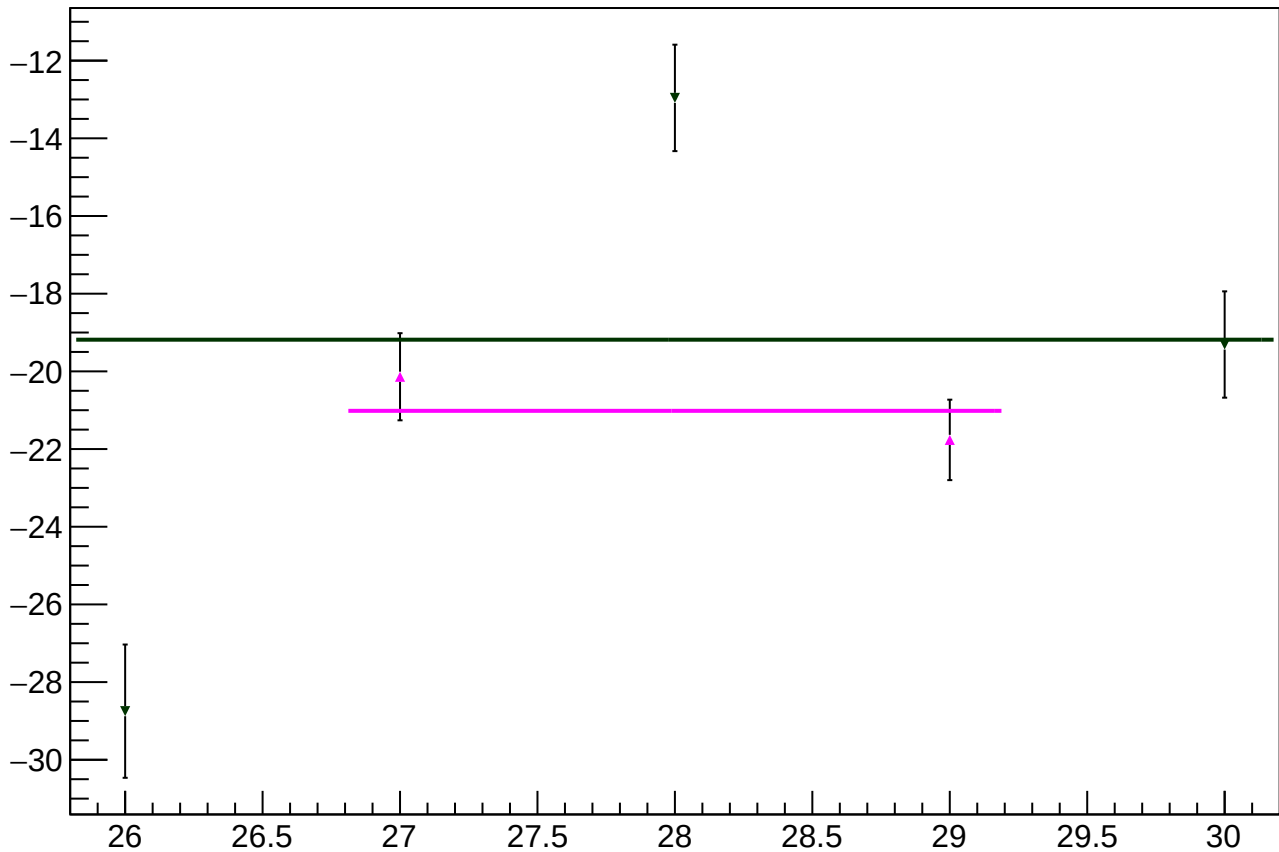
-44.366+/-0.118 χ^2/NDF : 4735.6/2

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

-46.563+/-0.128 χ^2/NDF : 10485.3/1

Left In: -46.563+/-0.128 χ^2/NDF : 10485.3/1

reg_asym_atr_dd_diff_bpm4eY_slope vs slug



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

Left Out: -19.184+/-0.843 χ^2/NDF : 51.7/2

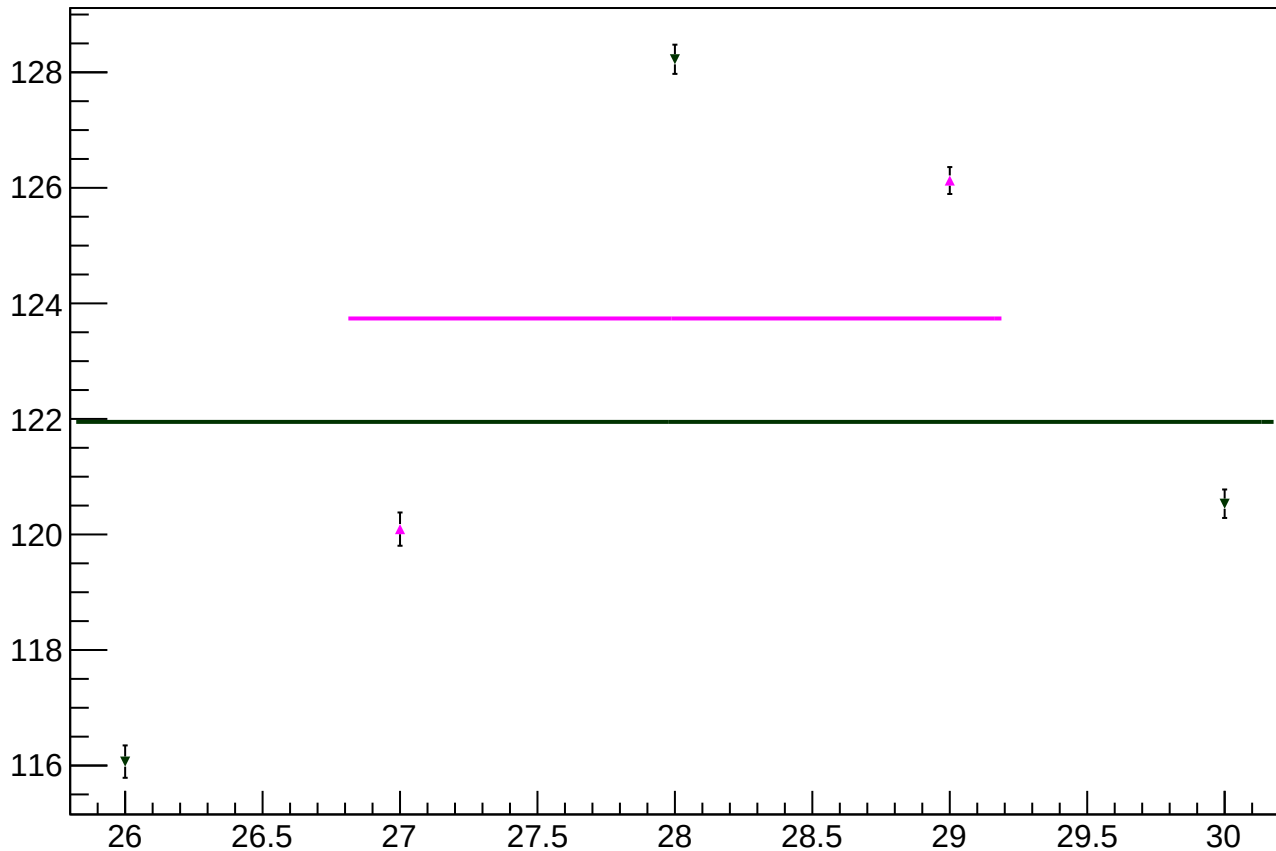
-19.184+/-0.843 χ^2/NDF : 51.7/2

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

-21.016+/-0.761 χ^2/NDF : 1.1/1

Left In: -21.016+/-0.761 χ^2/NDF : 1.1/1

reg_asym_atr_dd_diff_bpm11X_slope vs slug



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

Left Out: 121.949+/-0.149 χ^2/NDF :1089.8/2

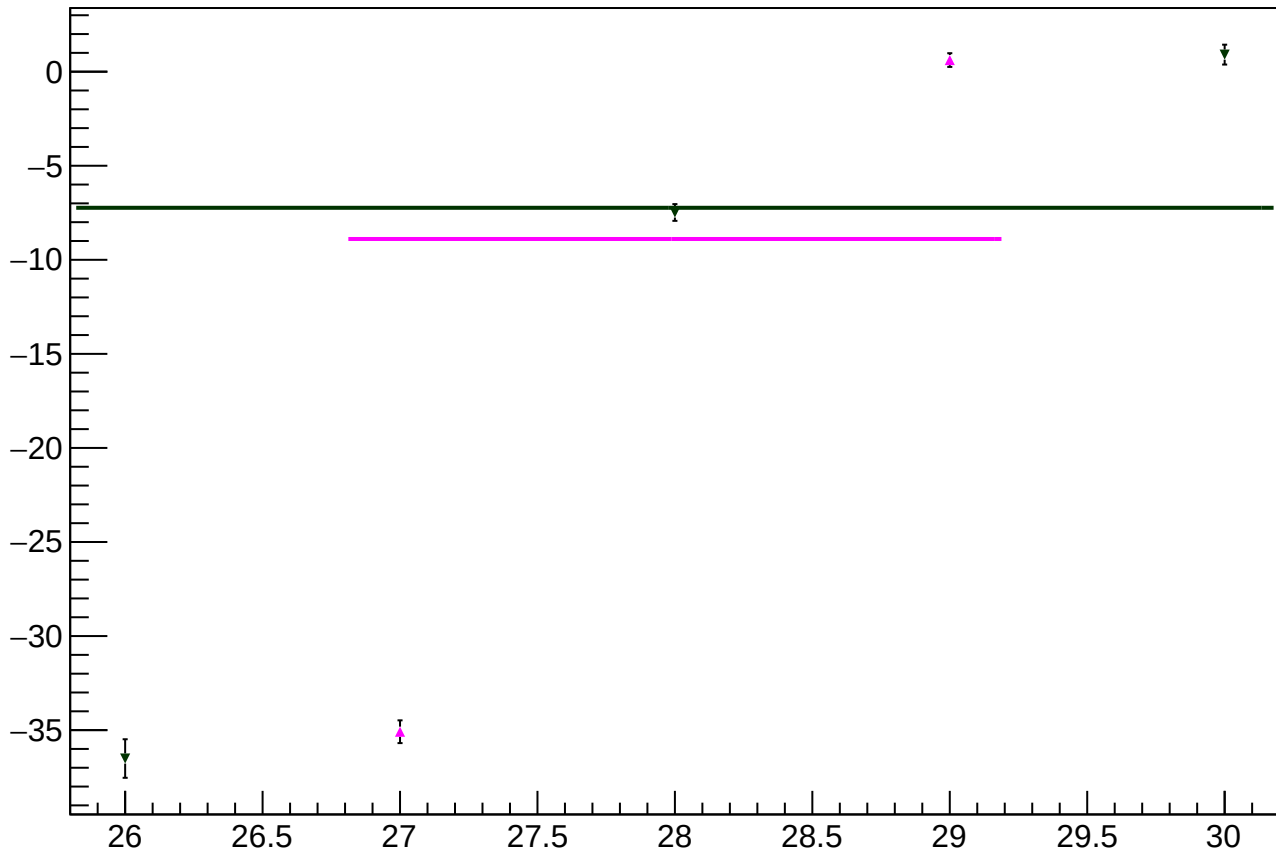
121.949+/-0.149 χ^2/NDF : 1089.8/2

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

123.739+/-0.181 χ^2/NDF : 265.2/1

Left In: 123.739+/-0.181 χ^2/NDF :265.2/1

reg_asym_at1_avg_diff_bpm4aX_slope vs slug



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

Left Out: -7.235+/-0.323 χ^2/NDF : 1054.0/2

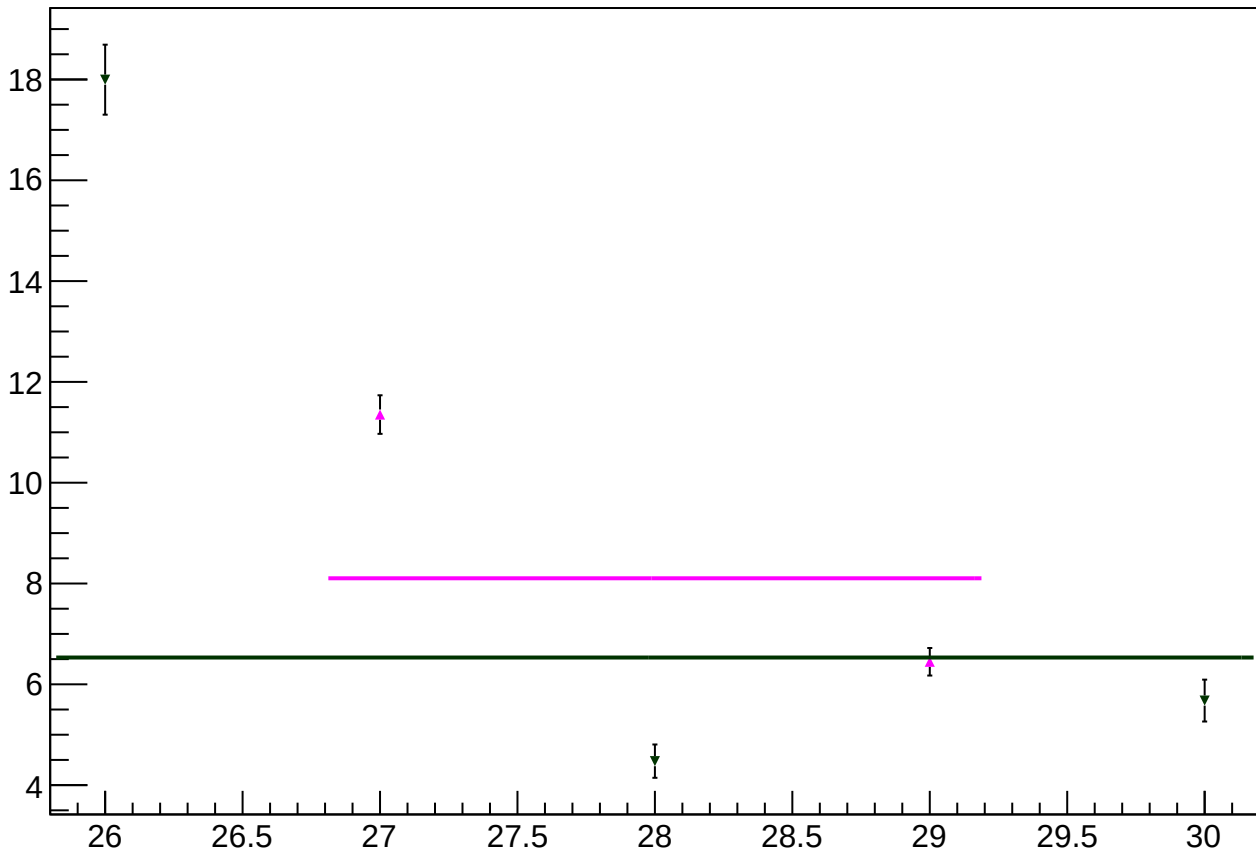
-7.235+/-0.323 χ^2/NDF : 1054.0/2

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

-8.893+/-0.312 χ^2/NDF : 2555.9/1

Left In: -8.893+/-0.312 χ^2/NDF : 2555.9/1

reg_asym_at1_avg_diff_bpm4aY_slope vs slug

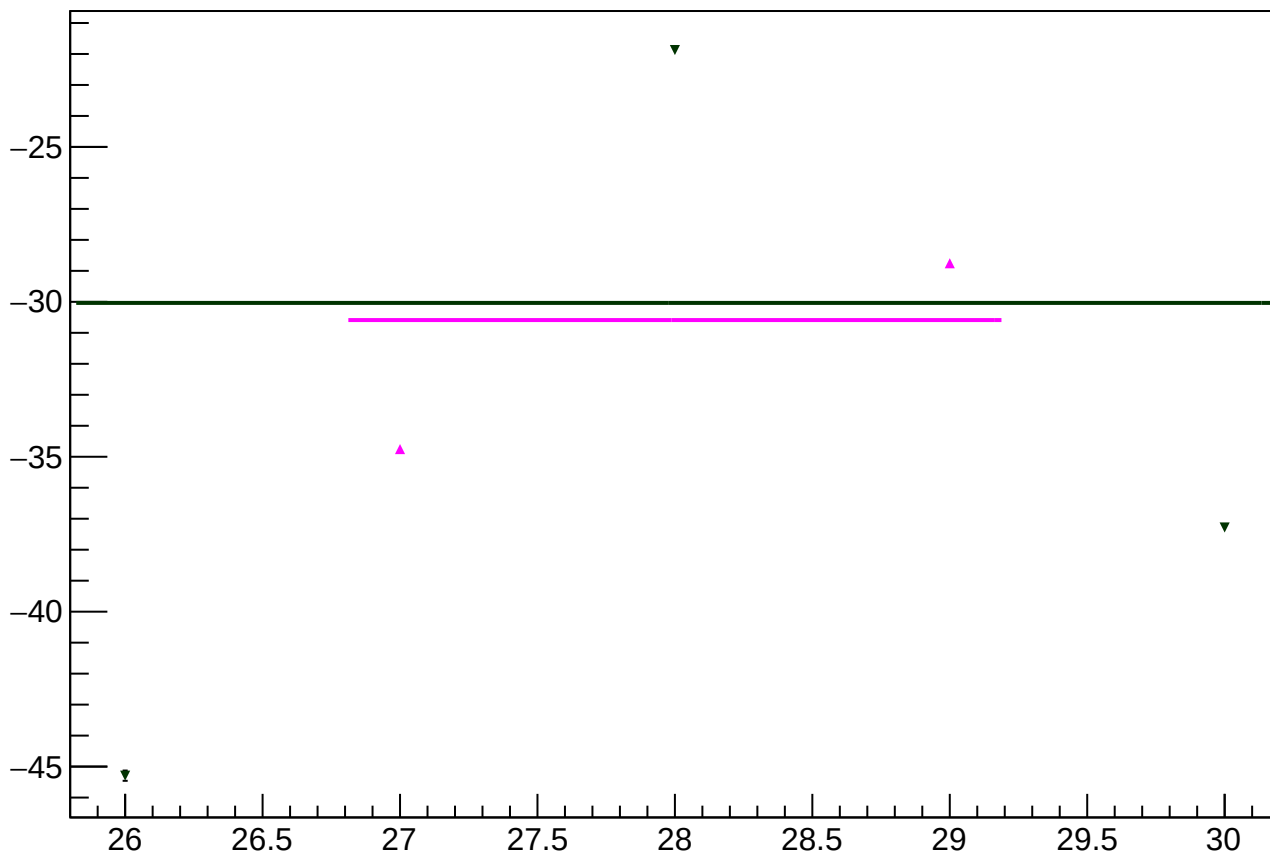


Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 6.532+/-0.242 χ^2/NDF : 315.5/2
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 8.104+/-0.222 χ^2/NDF : 108.8/1

6.532+/-0.242 χ^2/NDF : 315.5/2

8.104+/-0.222 χ^2/NDF : 108.8/1

reg_asym_at1_avg_diff_bpm4eX_slope vs slug



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

Left Out: -30.034+/-0.056 χ^2/NDF : 25752.3/2

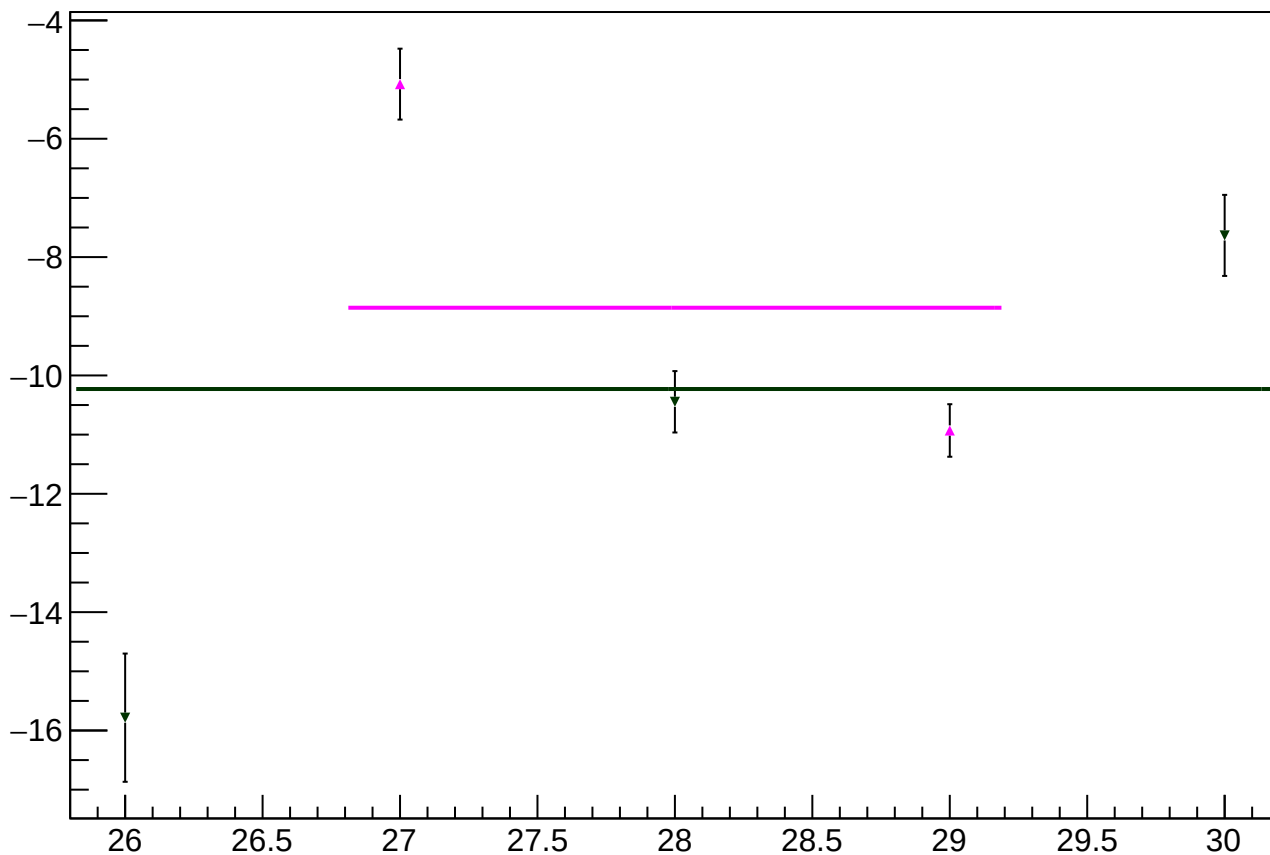
-30.034+/-0.056 χ^2/NDF : 25752.3/2

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

-30.588+/-0.059 χ^2/NDF : 2188.3/1

Left In: -30.588+/-0.059 χ^2/NDF : 2188.3/1

reg_asym_at1_avg_diff_bpm4eY_slope vs slug



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

Left Out: -10.229 $\pm$ 0.386 χ^2/NDF : 40.8/2

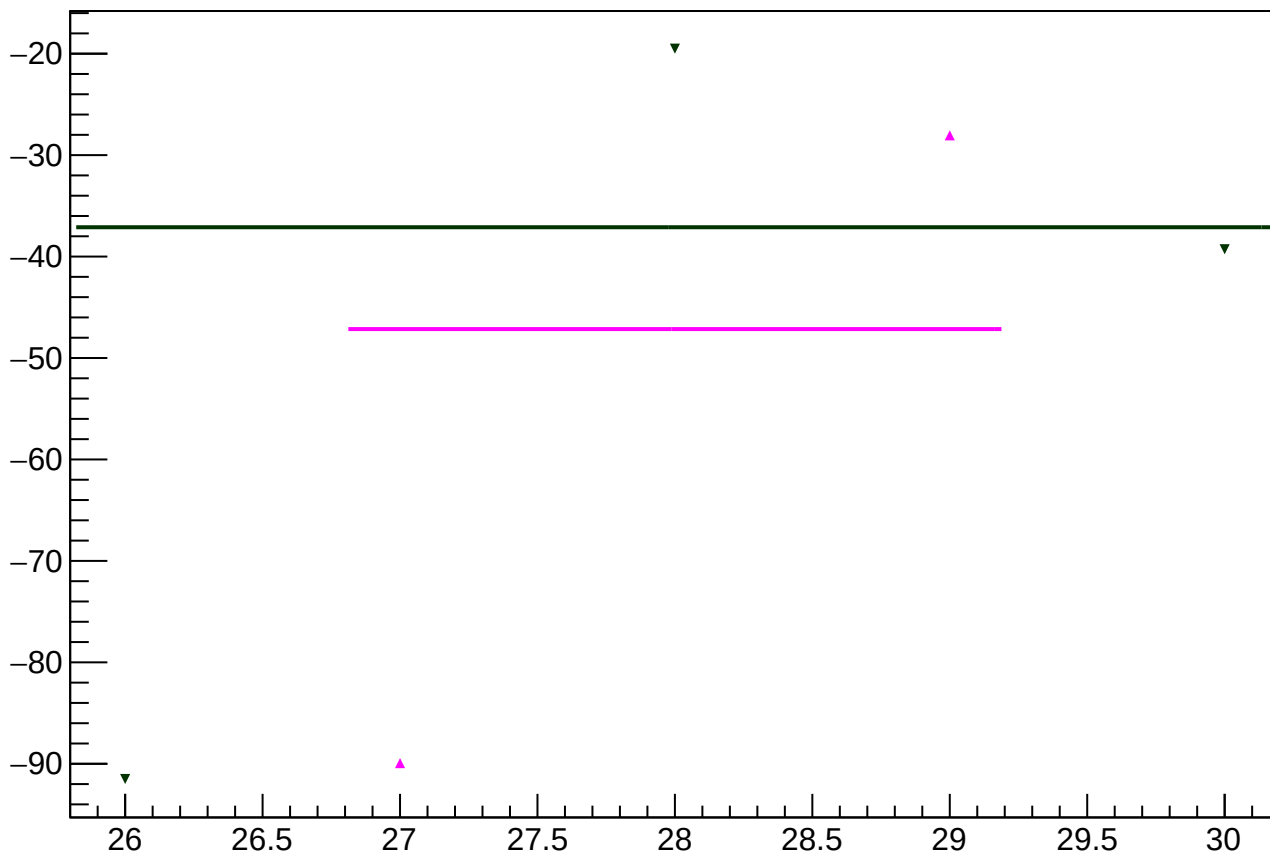
-10.229 $\pm$ 0.386 χ^2/NDF : 40.8/2

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

-8.856 $\pm$ 0.357 χ^2/NDF : 61.6/1

Left In: -8.856 $\pm$ 0.357 χ^2/NDF : 61.6/1

reg_asym_at1_avg_diff_bpm11X_slope vs slug



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

Left Out: -37.109+/-0.071 χ^2/NDF :126795.3/2

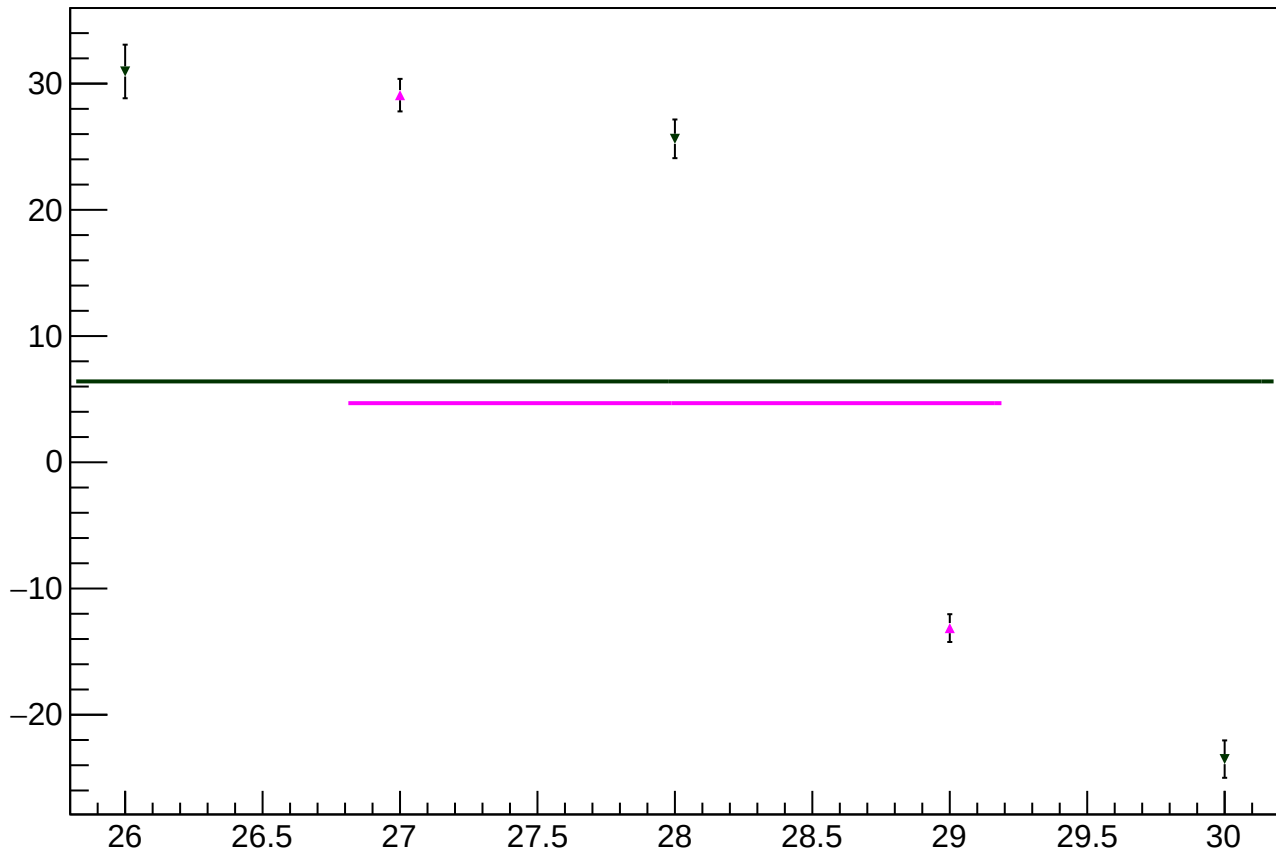
-37.109+/-0.071 χ^2/NDF : 126795.3/2

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

-47.147+/-0.083 χ^2/NDF : 118508.1/1

Left In: -47.147+/-0.083 χ^2/NDF :118508.1/1

reg_asym_at1_dd_diff_bpm4aX_slope vs slug



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

Left Out: 6.407+/-0.952 χ^2/NDF : 699.1/2

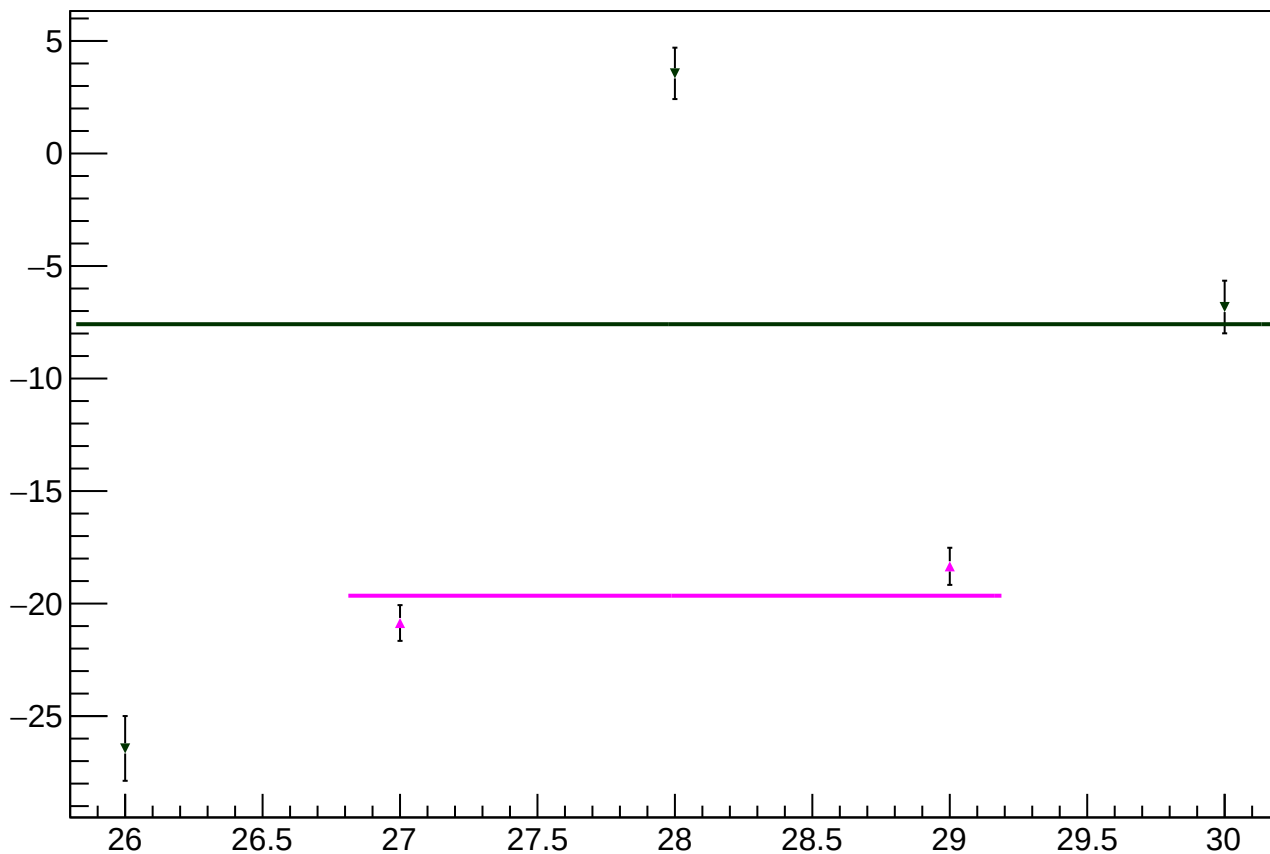
6.407+/-0.952 χ^2/NDF : 699.1/2

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

4.684+/-0.837 χ^2/NDF : 620.9/1

Left In: 4.684+/-0.837 χ^2/NDF : 620.9/1

reg_asym_at1_dd_diff_bpm4aY_slope vs slug



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

Left Out: -7.586+/-0.711 χ^2/NDF : 267.3/2

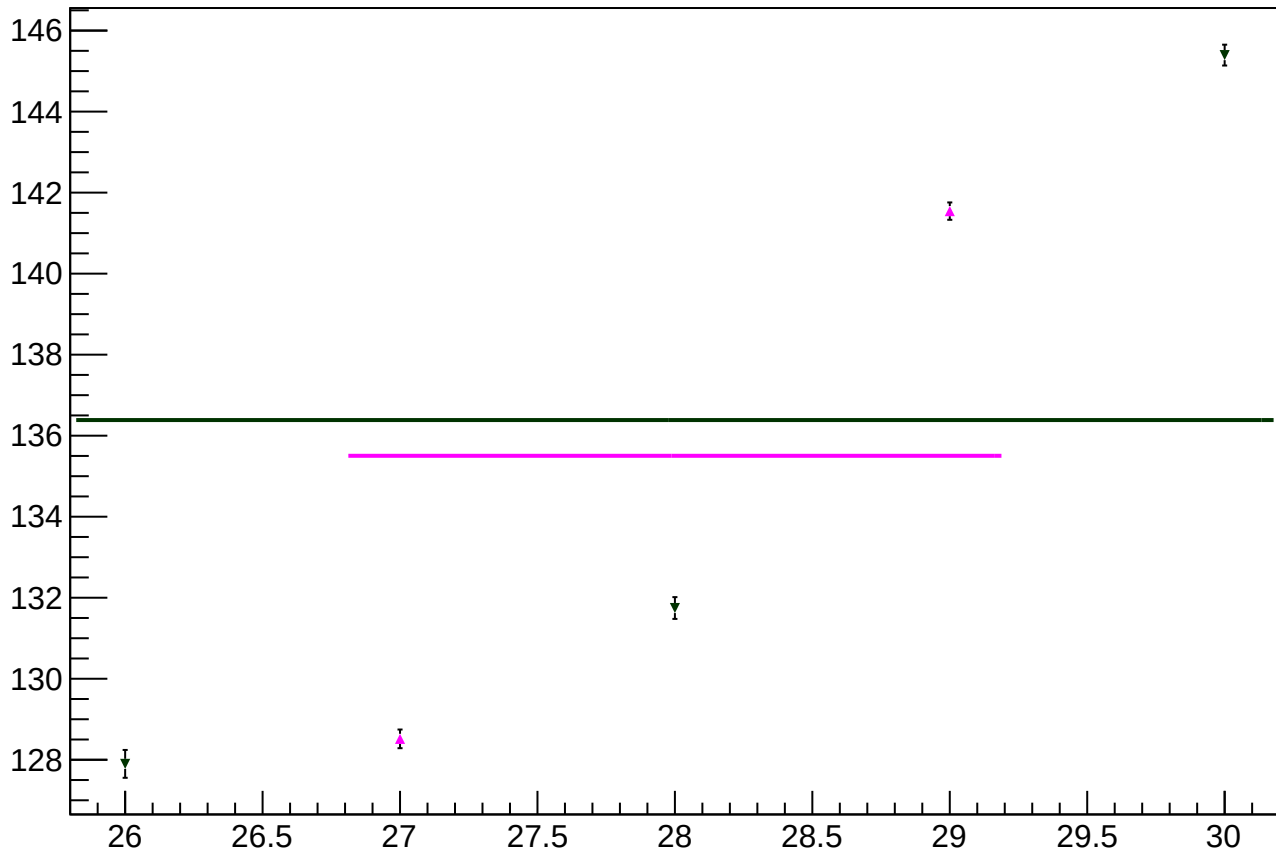
-7.586+/-0.711 χ^2/NDF : 267.3/2

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

-19.650+/-0.572 χ^2/NDF : 4.8/1

Left In: -19.650+/-0.572 χ^2/NDF : 4.8/1

reg_asym_at1_dd_diff_bpm4eX_slope vs slug



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

Left Out: 136.386+/-0.164 χ^2/NDF : 2132.6/2

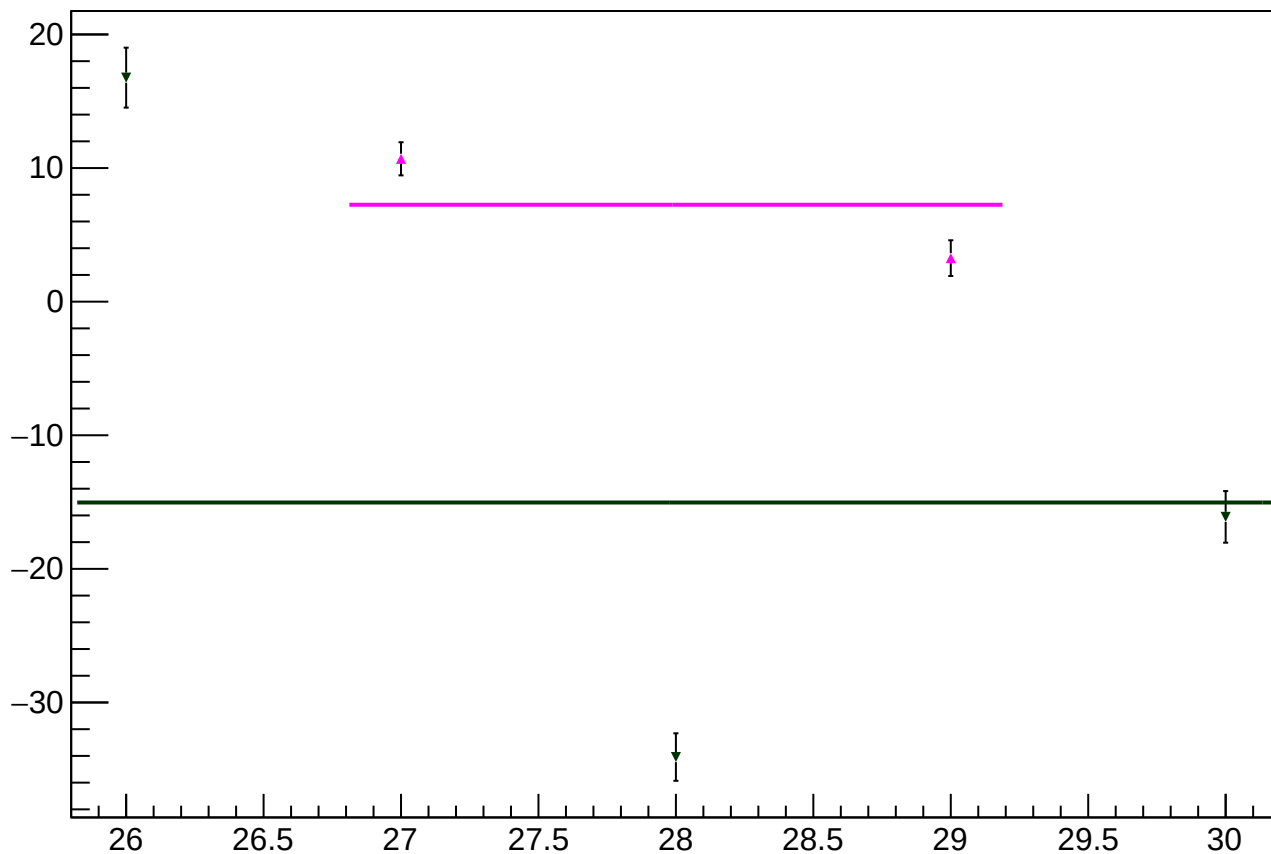
136.386+/-0.164 χ^2/NDF : 2132.6/2

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

135.504+/-0.157 χ^2/NDF : 1715.3/1

Left In: 135.504+/-0.157 χ^2/NDF : 1715.3/1

reg_asym_at1_dd_diff_bpm4eY_slope vs slug



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

Left Out: -15.032+/-1.130 χ^2/NDF : 316.1/2

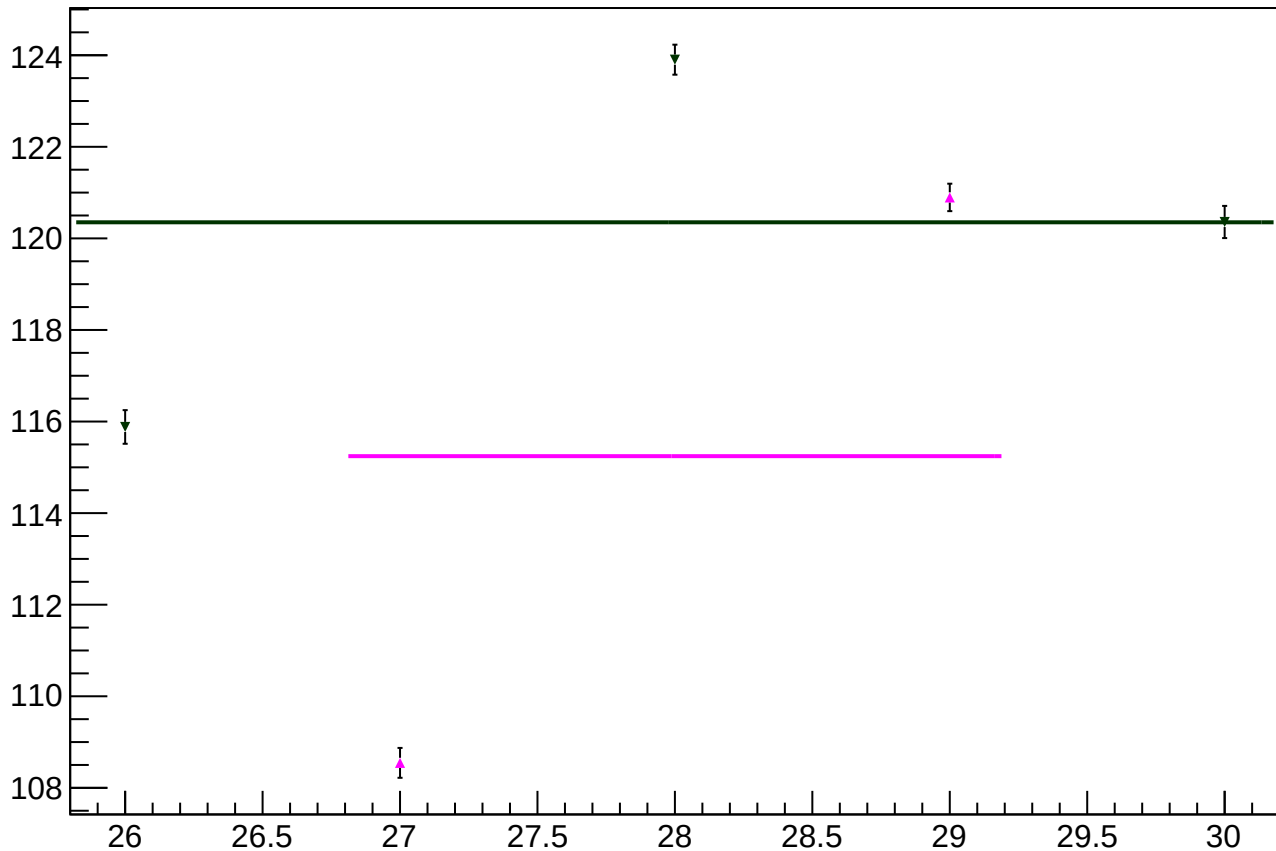
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.254+/-0.909 χ^2/NDF : 16.6/1

-15.032+/-1.130 χ^2/NDF : 316.1/2

7.254+/-0.909 χ^2/NDF : 16.6/1

reg_asym_at1_dd_diff_bpm11X_slope vs slug



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

Left Out: 120.351+/-0.201 χ^2/NDF : 265.5/2

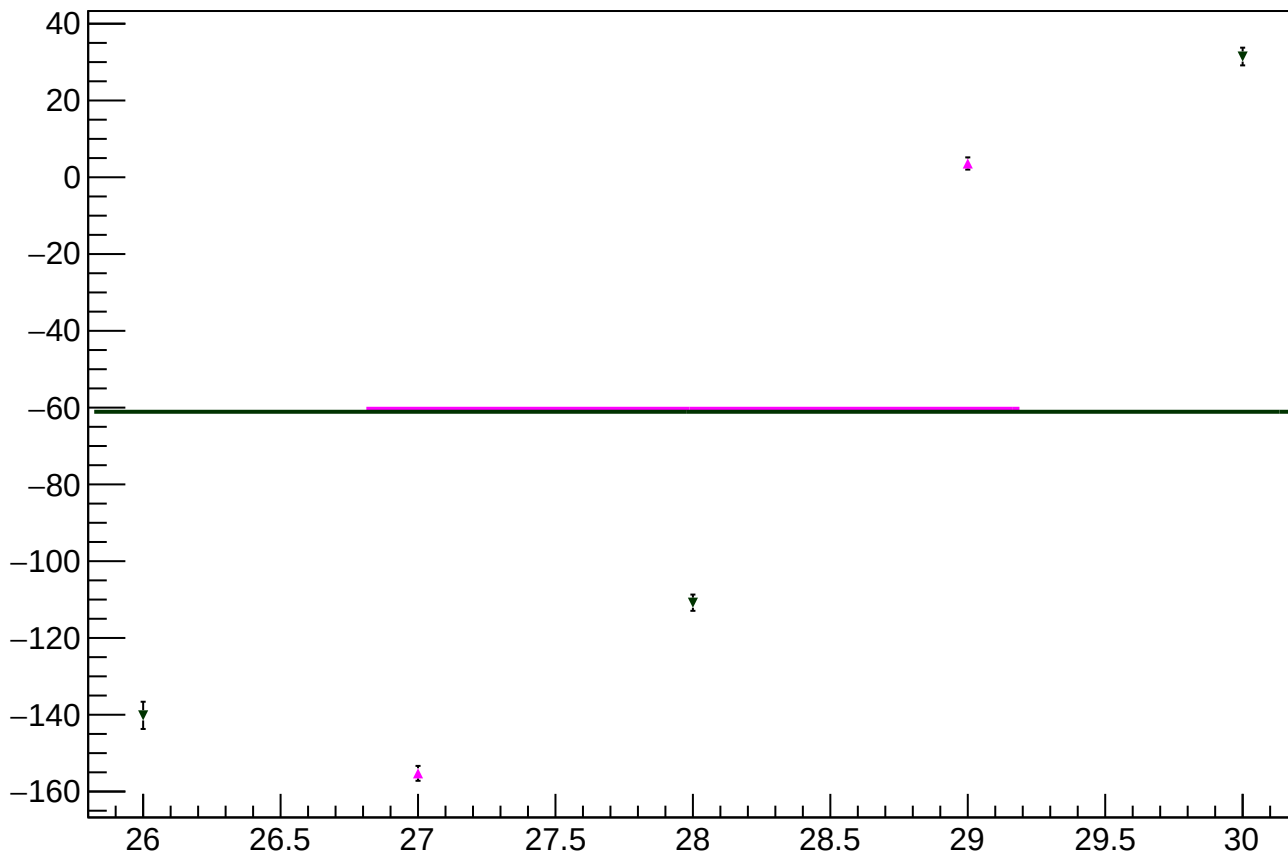
120.351+/-0.201 χ^2/NDF : 265.5/2

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

115.244+/-0.221 χ^2/NDF : 777.3/1

Left In: 115.244+/-0.221 χ^2/NDF : 777.3/1

reg_asym_at2_avg_diff_bpm4aX_slope vs slug



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

Left Out: -61.081+/-1.428 χ^2/NDF : 2657.2/2

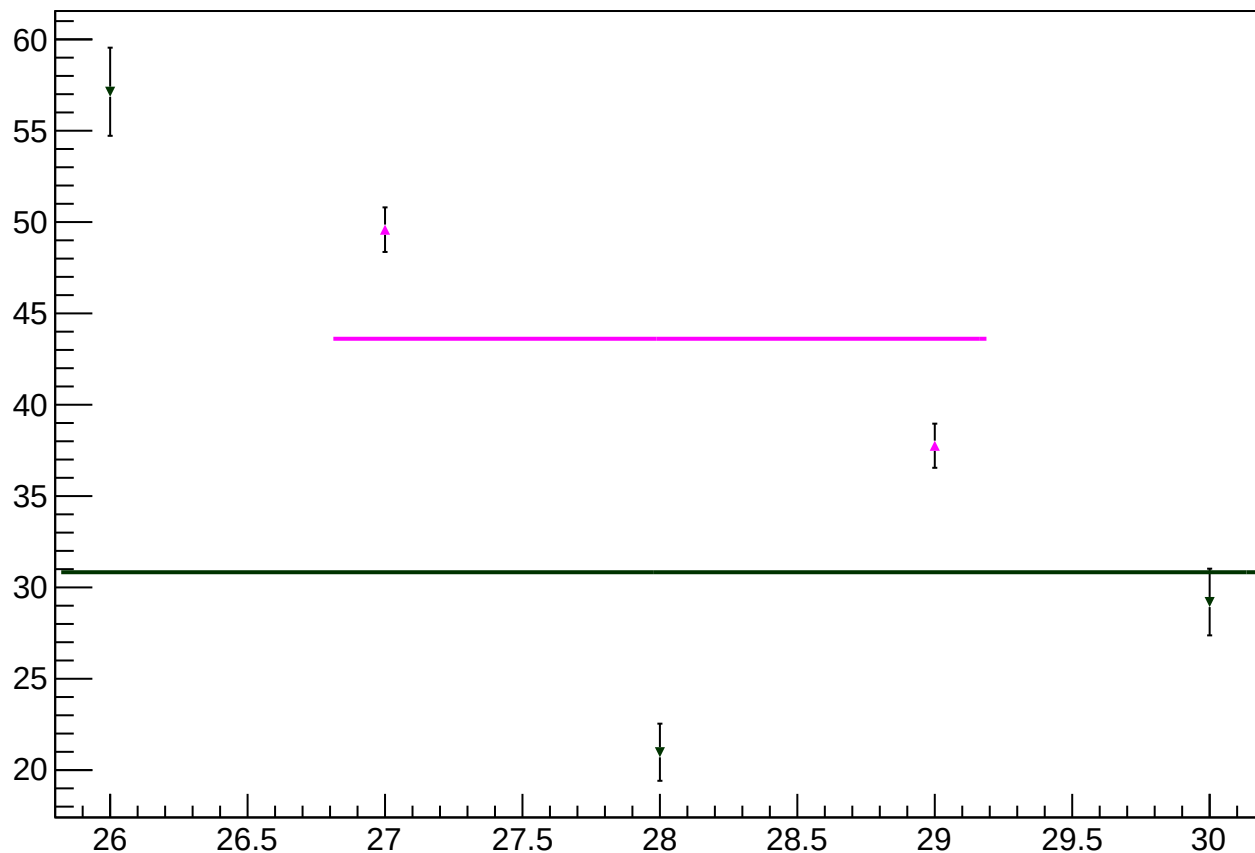
-61.081+/-1.428 χ^2/NDF : 2657.2/2

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

-60.302+/-1.230 χ^2/NDF : 4008.3/1

Left In: -60.302+/-1.230 χ^2/NDF : 4008.3/1

reg_asym_at2_avg_diff_bpm4aY_slope vs slug



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

Left Out: 30.831+/-1.065 χ^2/NDF :159.4/2

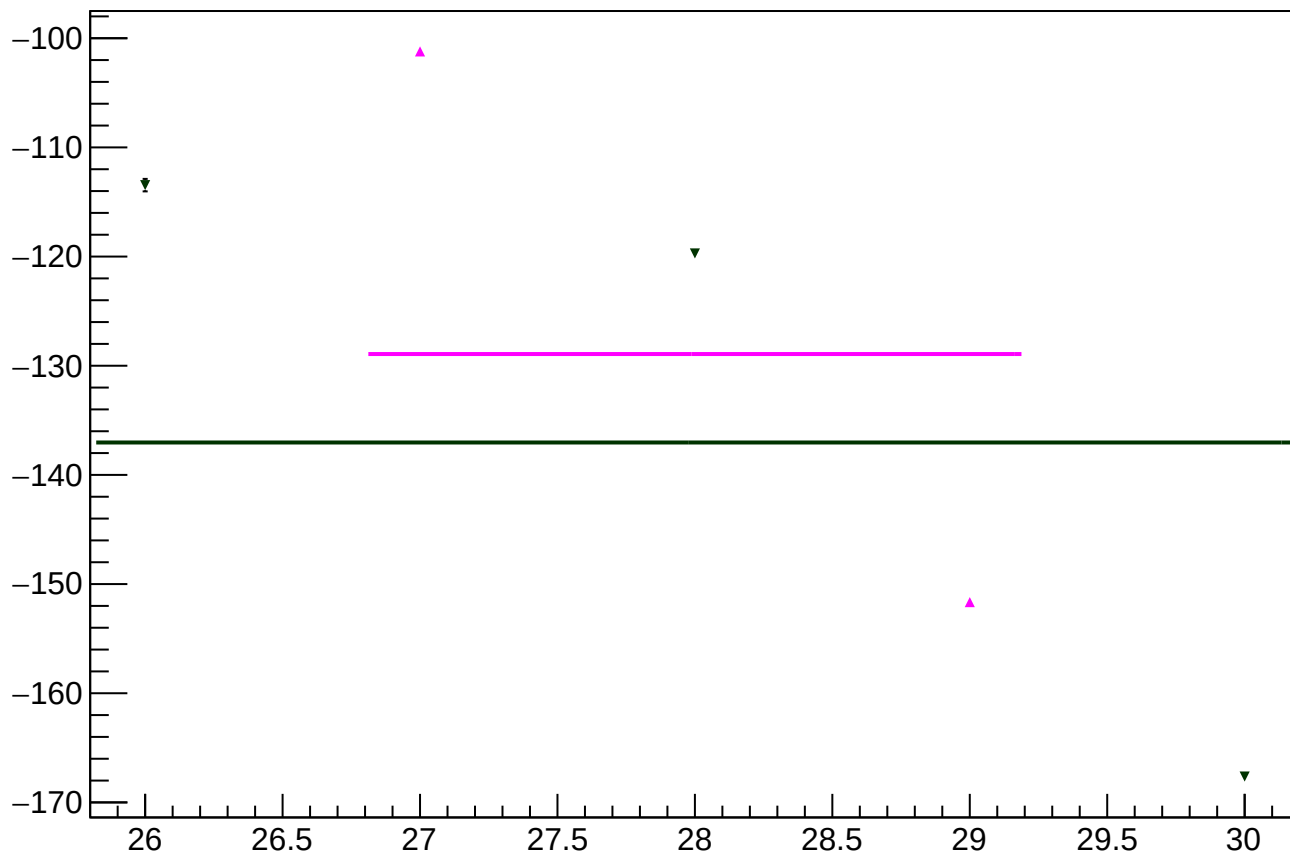
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 43.611+/-0.859 χ^2/NDF :47.4/1

30.831+/-1.065 χ^2/NDF : 159.4/2

43.611+/-0.859 χ^2/NDF : 47.4/1

reg_asym_at2_avg_diff_bpm4eX_slope vs slug



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

Left Out: -137.031+/-0.242 χ^2/NDF : 10085.8/2

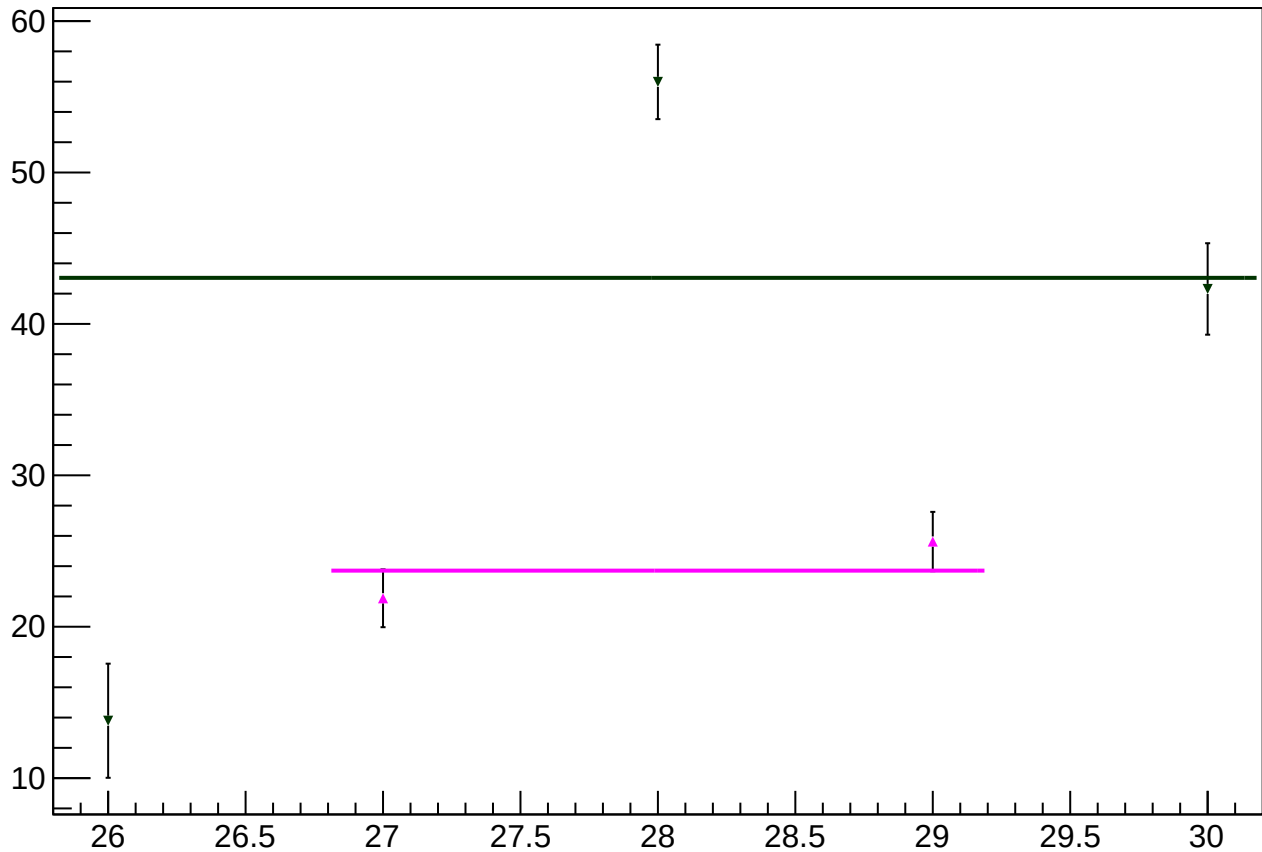
-137.031+/-0.242 χ^2/NDF : 10085.8/2

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

-128.928+/-0.230 χ^2/NDF : 11945.2/1

Left In: -128.928+/-0.230 χ^2/NDF : 11945.2/1

reg_asym_at2_avg_diff_bpm4eY_slope vs slug



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

Left Out: 43.042+/-1.702 χ^2/NDF : 88.0/2

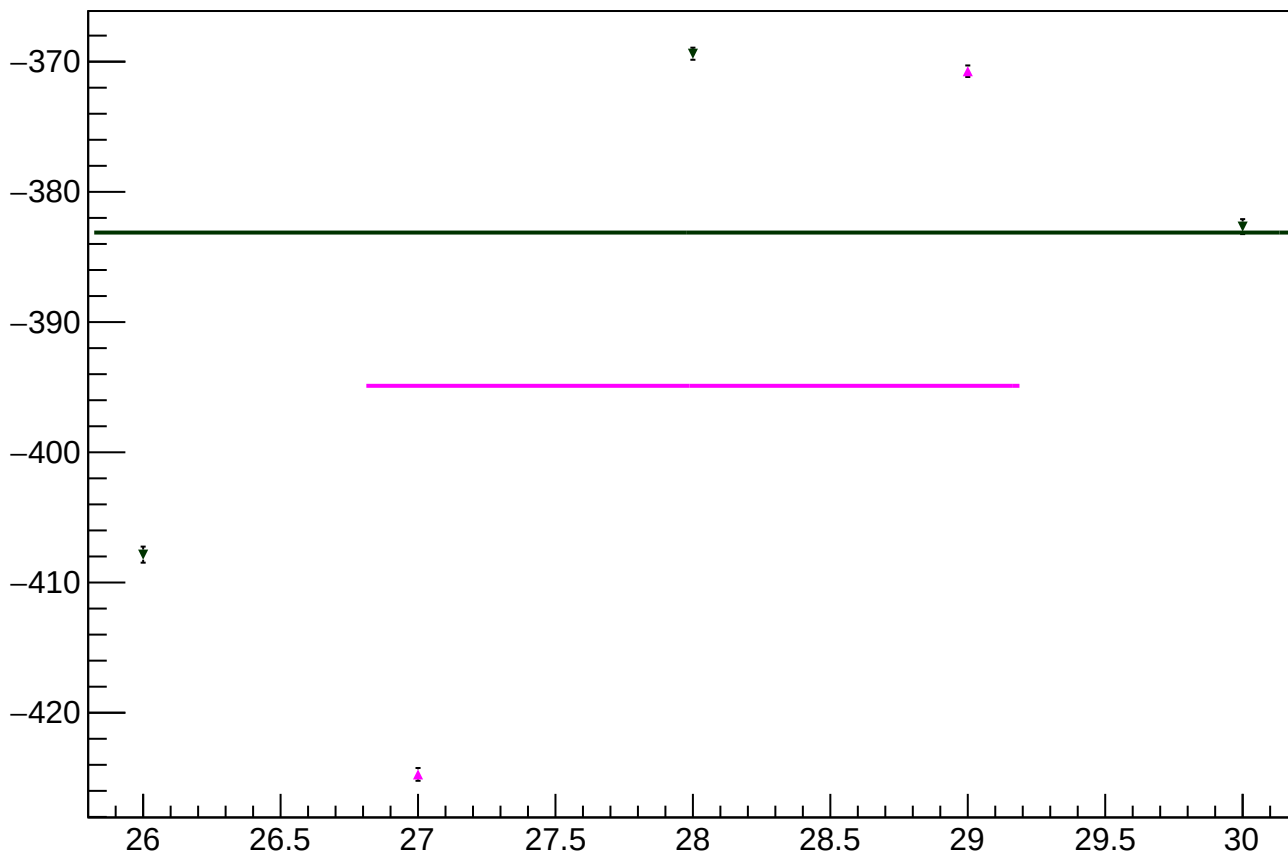
43.042+/-1.702 χ^2/NDF : 88.0/2

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

23.705+/-1.367 χ^2/NDF : 1.9/1

Left In: 23.705+/-1.367 χ^2/NDF : 1.9/1

reg_asym_at2_avg_diff_bpm11X_slope vs slug



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

Left Out: -383.124+/-0.312 χ^2/NDF : 2482.1/2

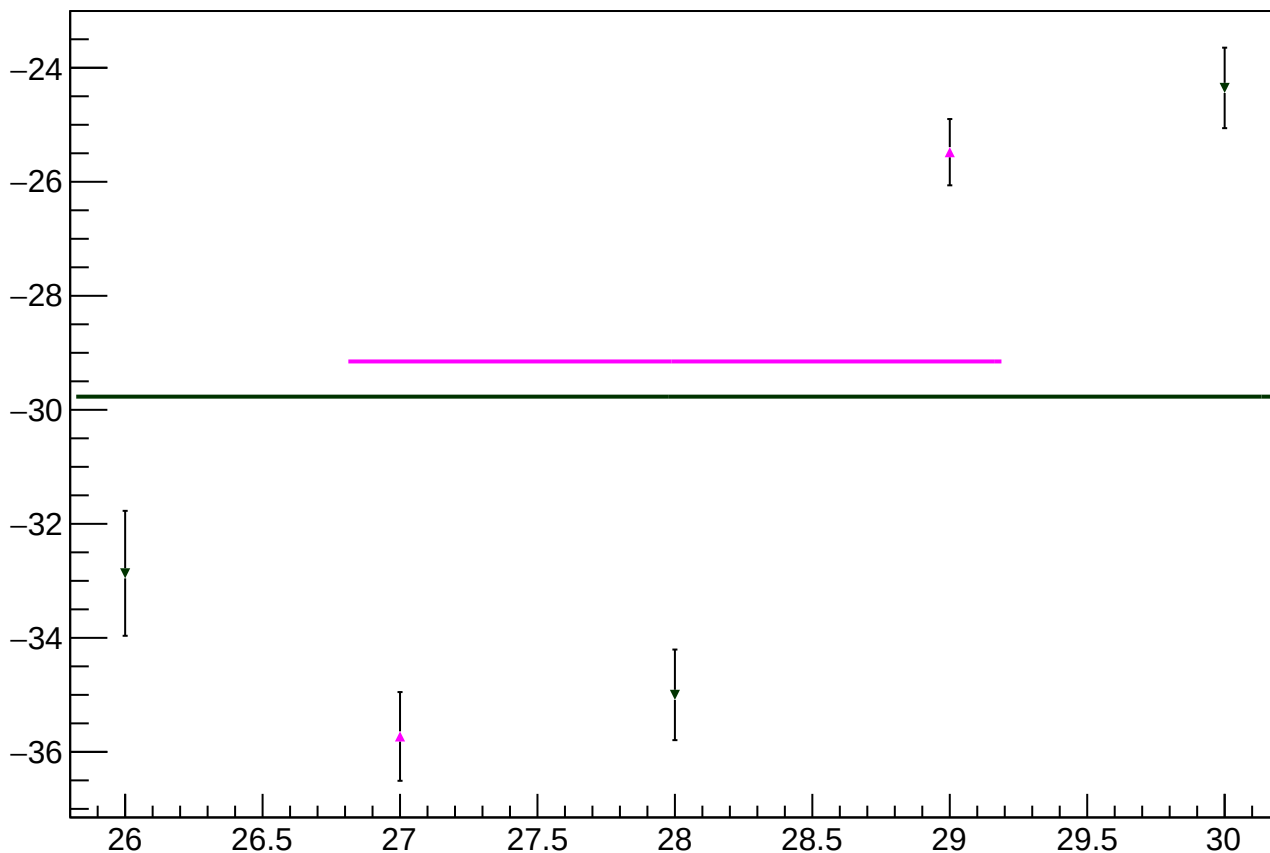
-383.124+/-0.312 χ^2/NDF : 2482.1/2

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

-394.894+/-0.329 χ^2/NDF : 6665.4/1

Left In: -394.894+/-0.329 χ^2/NDF : 6665.4/1

reg_asym_at2_dd_diff_bpm4aX_slope vs slug



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

Left Out: -29.769+/-0.475 χ^2/NDF : 110.2/2

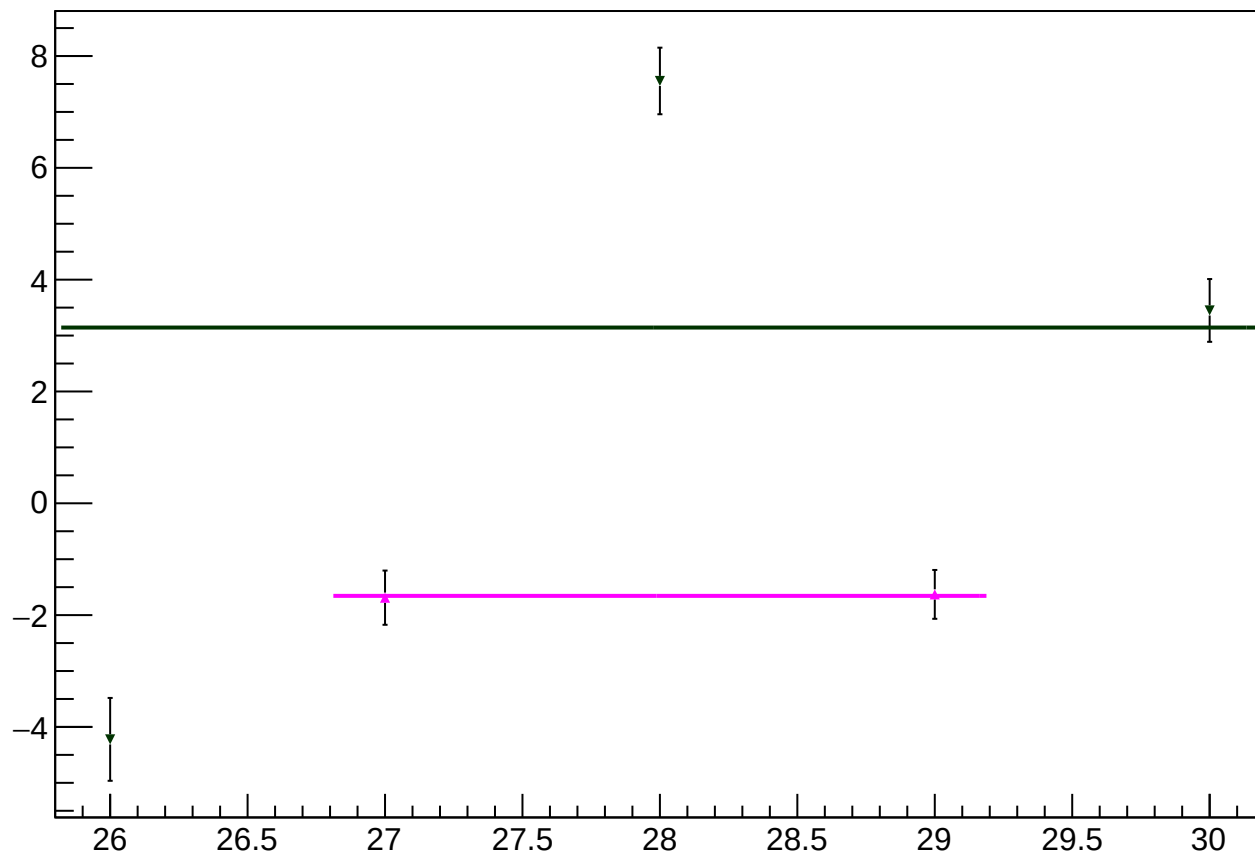
-29.769+/-0.475 χ^2/NDF : 110.2/2

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

-29.152+/-0.466 χ^2/NDF : 111.3/1

Left In: -29.152+/-0.466 χ^2/NDF : 111.3/1

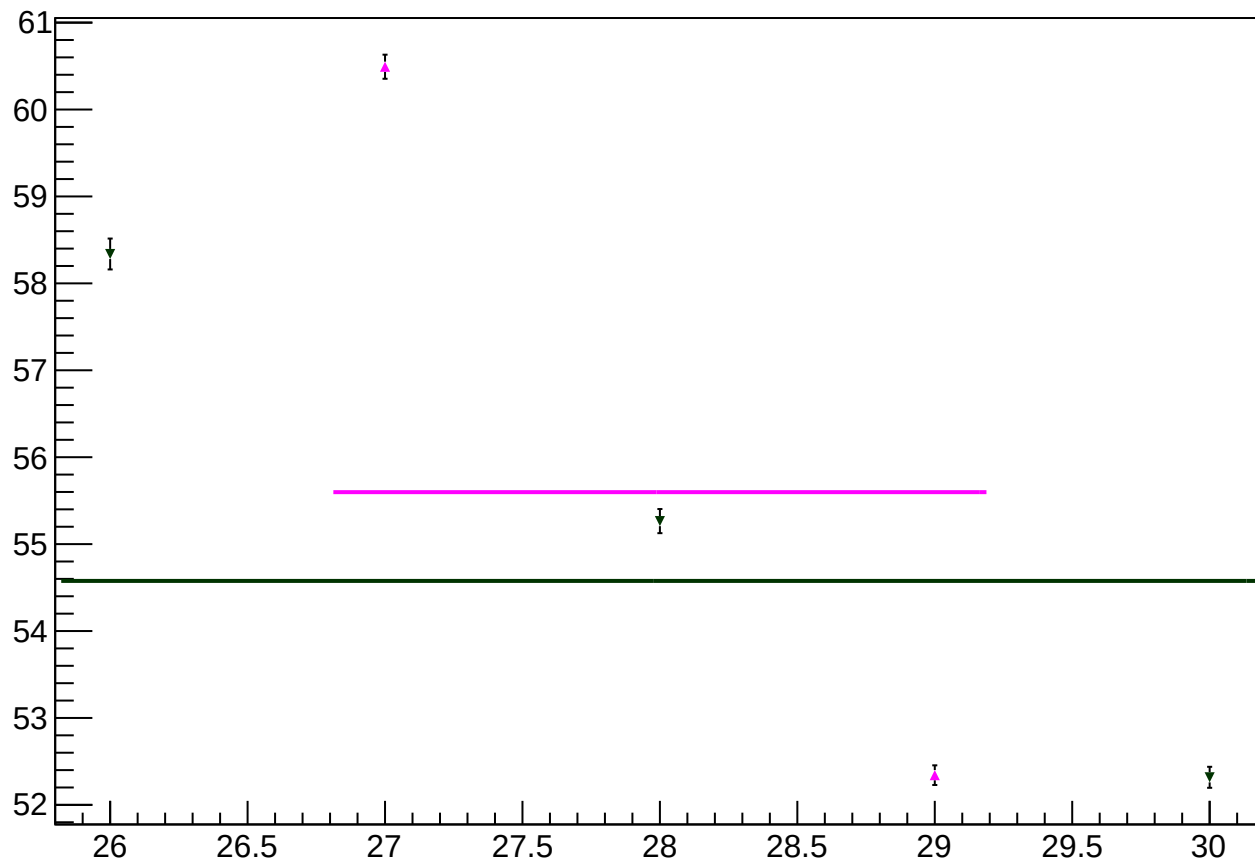
reg_asym_at2_dd_diff_bpm4aY_slope vs slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 3.143 $\pm$ 0.358 χ^2 /NDF: 154.0/2
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: -1.656 $\pm$ 0.325 χ^2 /NDF: 0.0/1

3.143 $\pm$ 0.358 χ^2 /NDF: 154.0/2
-1.656 $\pm$ 0.325 χ^2 /NDF: 0.0/1

reg_asym_at2_dd_diff_bpm4eX_slope vs slug



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

Left Out: 54.577 $\pm$ 0.081 χ^2 /NDF: 822.2/2

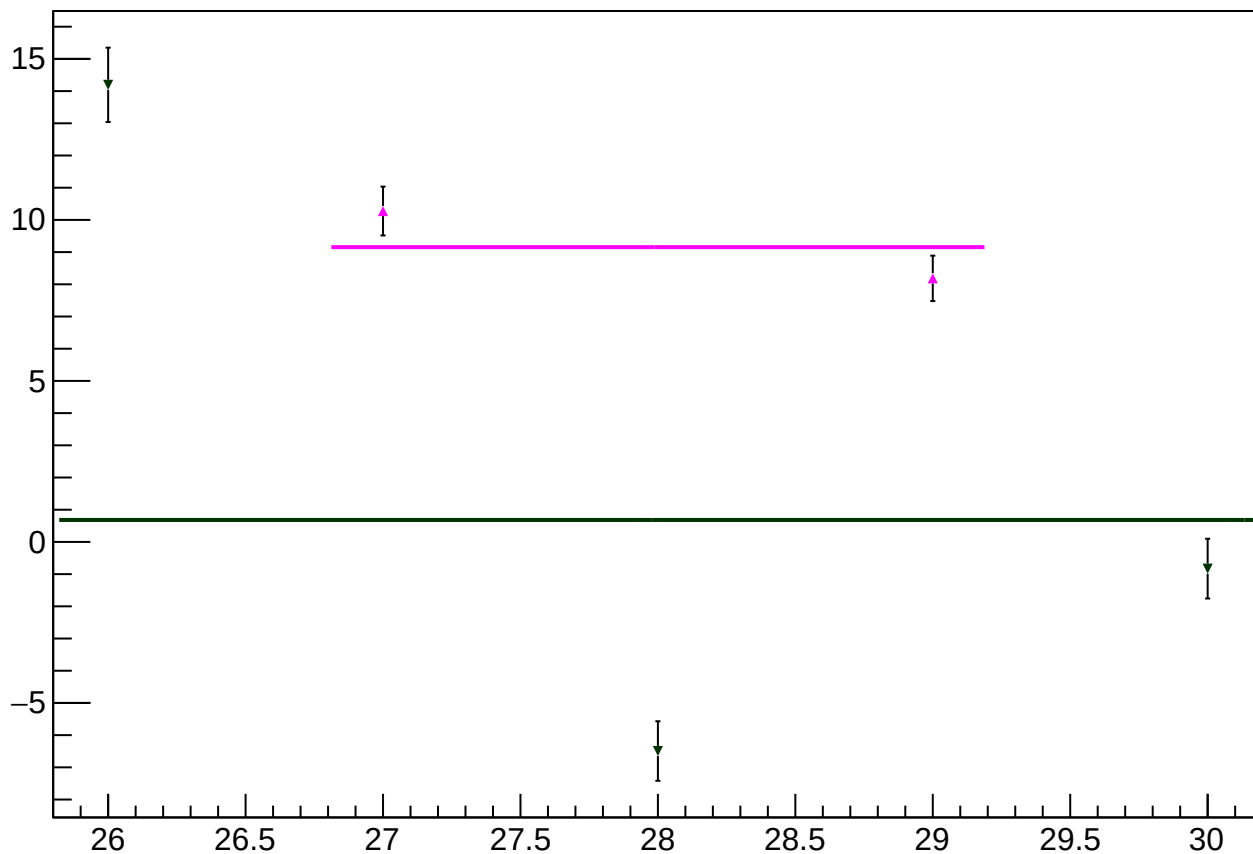
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 55.598 $\pm$ 0.088 χ^2 /NDF: 2075.6/1

54.577 $\pm$ 0.081 χ^2 /NDF: 822.2/2

55.598 $\pm$ 0.088 χ^2 /NDF: 2075.6/1

reg_asym_at2_dd_diff_bpm4eY_slope vs slug

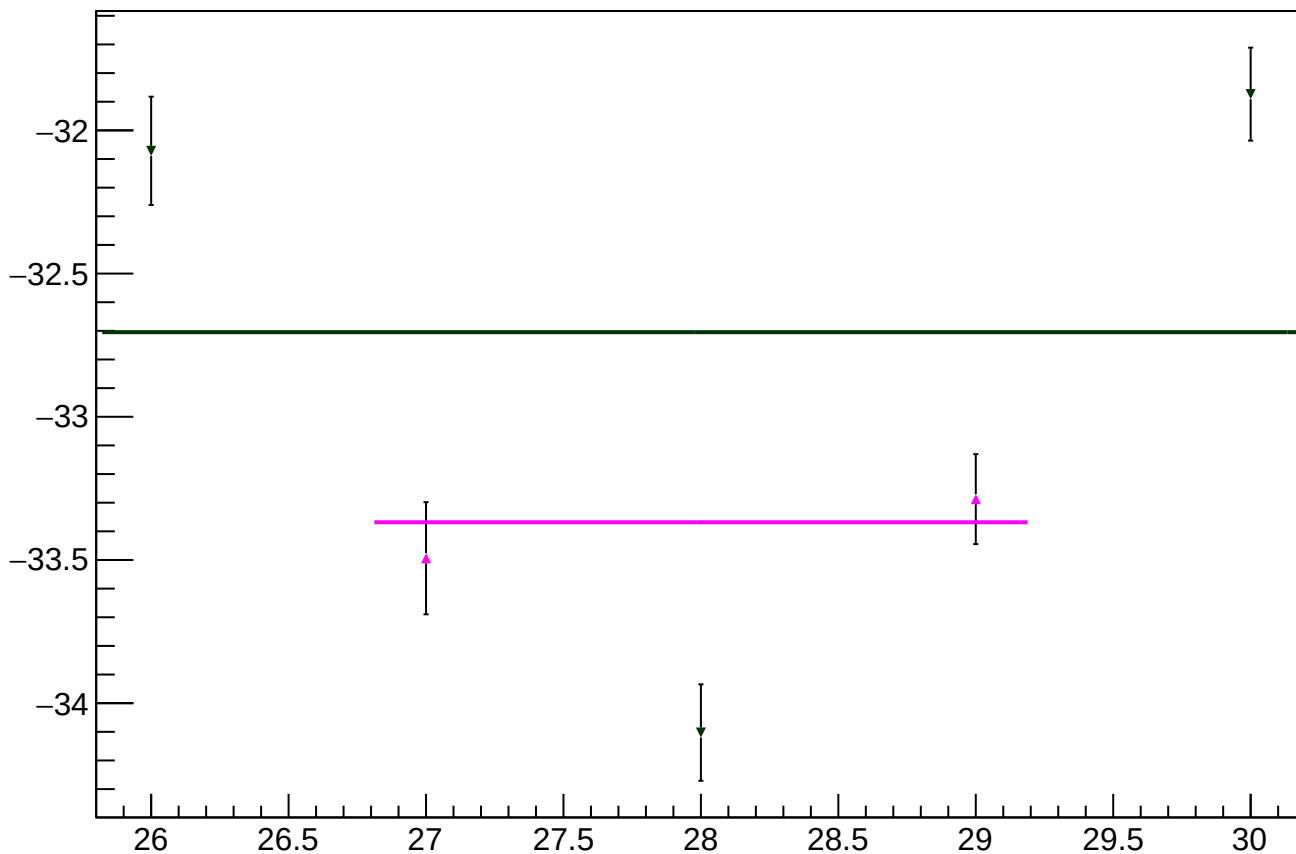


Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left Out: 0.682 $\pm$ 0.570 χ^2 /NDF:199.9/2
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
Left In: 9.154 $\pm$ 0.516 χ^2 /NDF:4.1/1

0.682 $\pm$ 0.570 χ^2 /NDF: 199.9/2

9.154 $\pm$ 0.516 χ^2 /NDF: 4.1/1

reg_asym_at2_dd_diff_bpm11X_slope vs slug



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

Left Out: -32.705 +/- 0.099 χ^2/NDF : 106.3/2

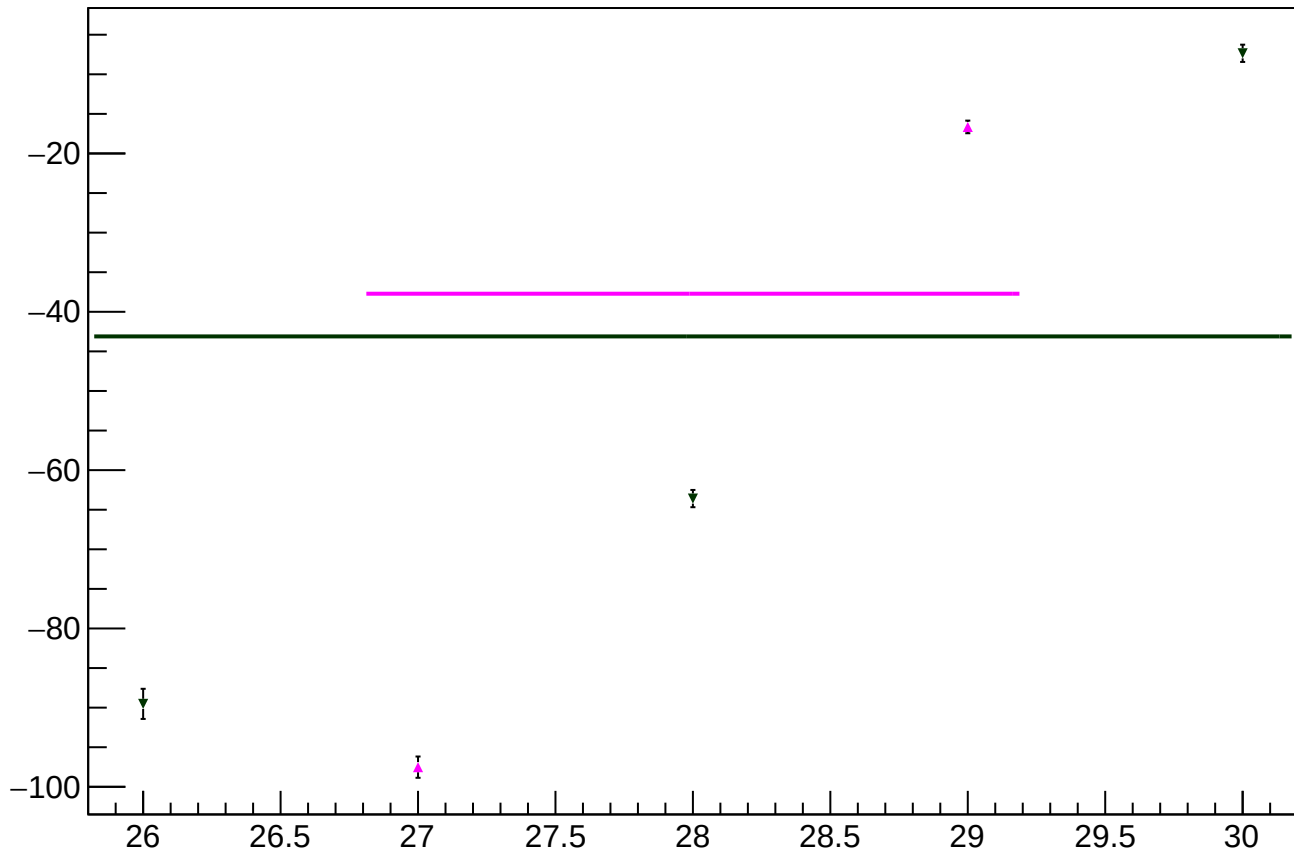
-32.705 +/- 0.099 χ^2/NDF : 106.3/2

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

-33.368 +/- 0.123 χ^2/NDF : 0.7/1

Left In: -33.368 +/- 0.123 χ^2/NDF : 0.7/1

reg_asym_atl1r2_avg_diff_bpm4aX_slope vs slug



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

Left Out: -43.108+/-0.714 χ^2/NDF : 2023.3/2

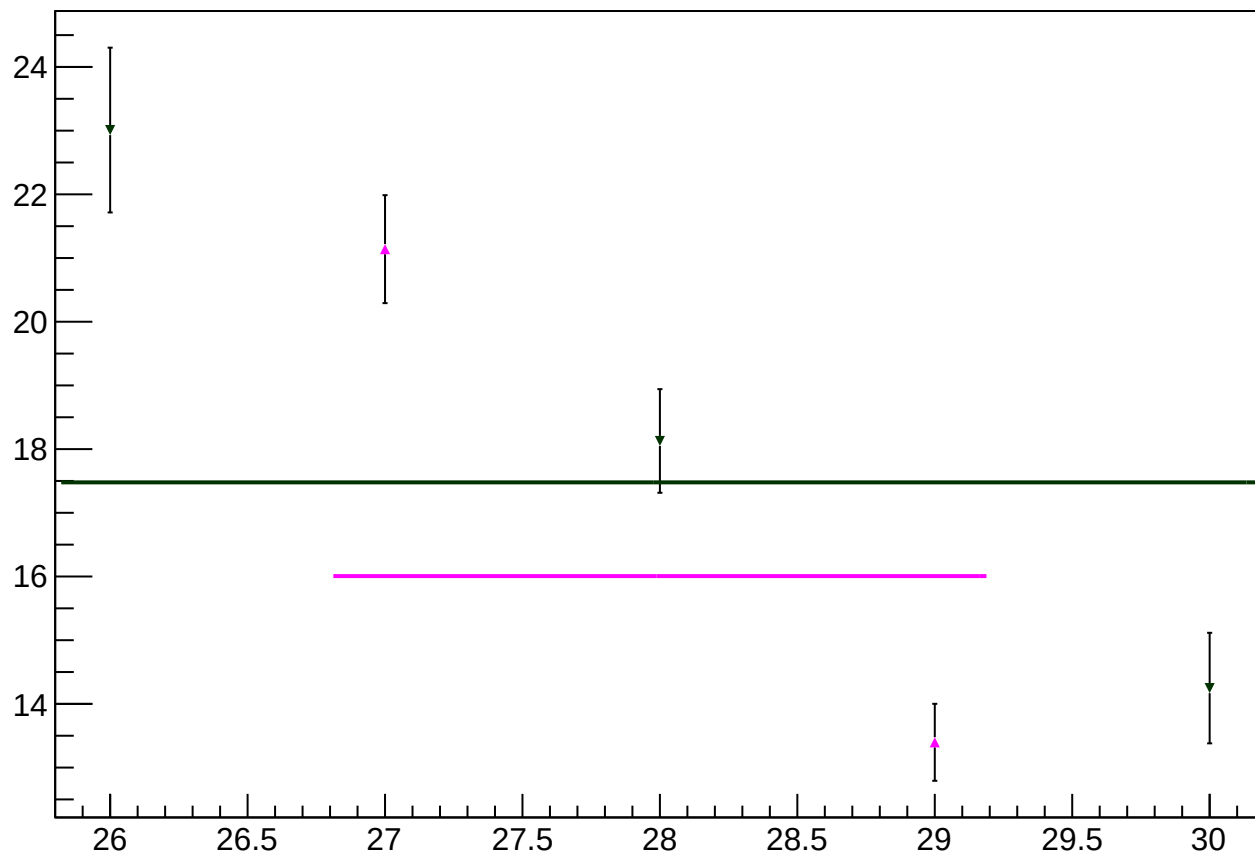
-43.108+/-0.714 χ^2/NDF : 2023.3/2

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

-37.716+/-0.686 χ^2/NDF : 2676.5/1

Left In: -37.716+/-0.686 χ^2/NDF : 2676.5/1

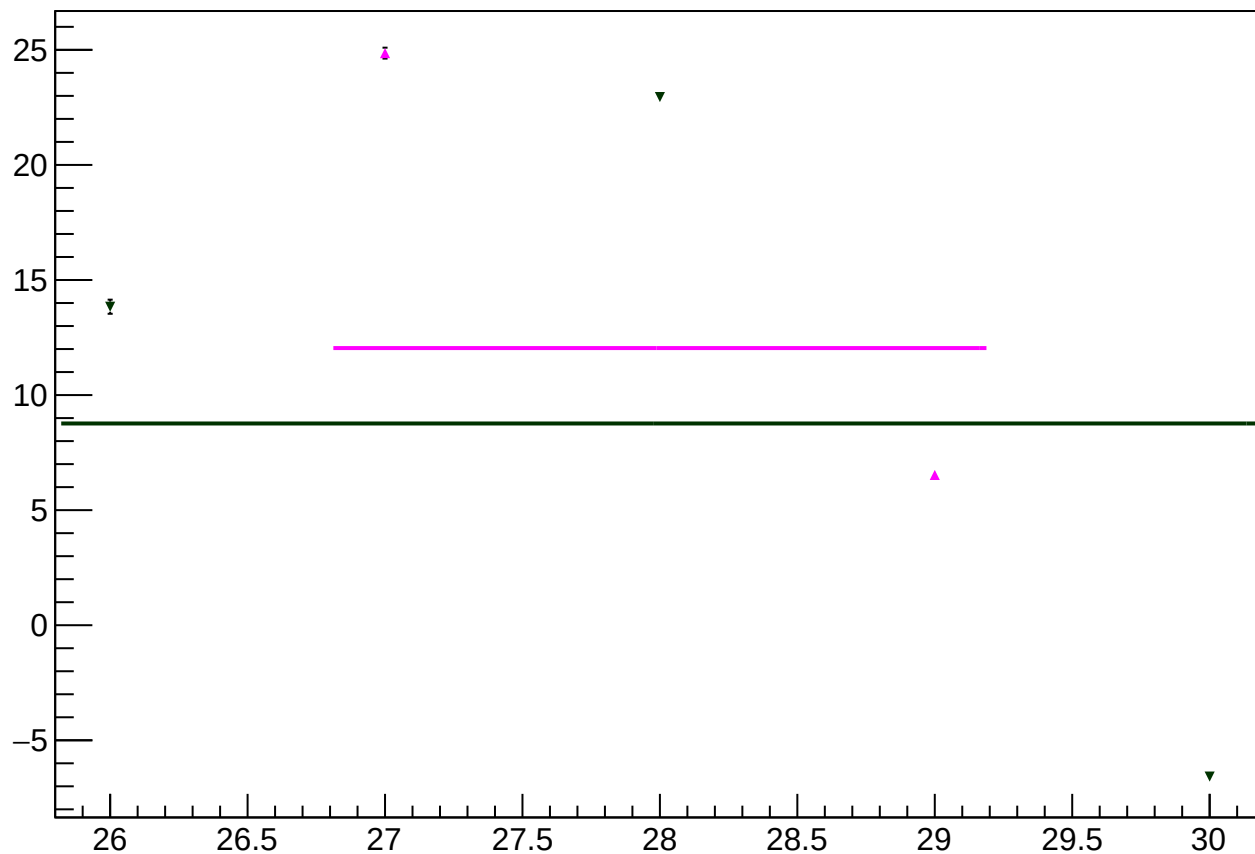
reg_asym_atl1r2_avg_diff_bpm4aY_slope vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 17.478+/-0.539 χ^2/NDF : 32.8/2
 Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 16.006+/-0.492 χ^2/NDF : 55.3/1

17.478+/-0.539 χ^2/NDF : 32.8/2
 16.006+/-0.492 χ^2/NDF : 55.3/1

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs slug



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

Left Out: 8.766 $\pm$ 0.121 χ^2 /NDF:13004.3/2

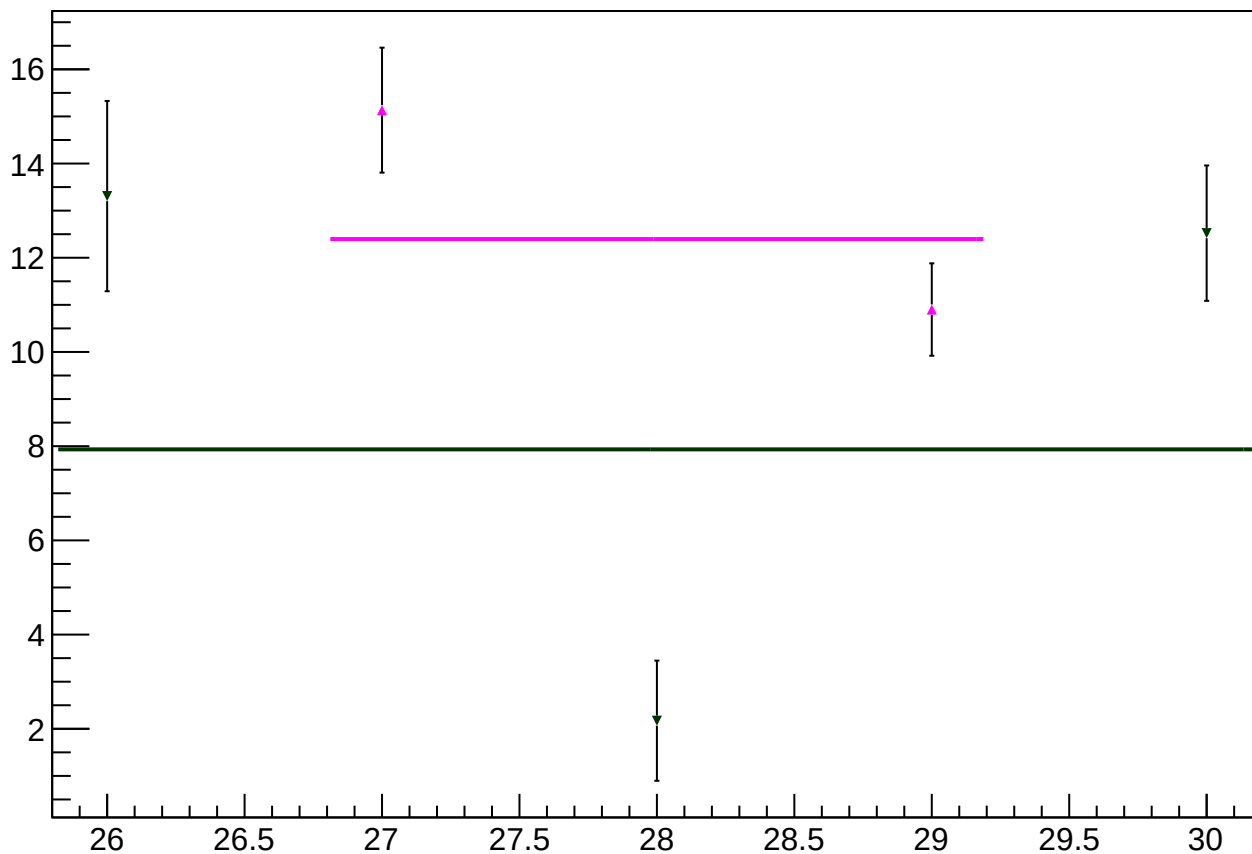
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 12.042 $\pm$ 0.130 χ^2 /NDF:4185.9/1

8.766 $\pm$ 0.121 χ^2 /NDF: 13004.3/2

12.042 $\pm$ 0.130 χ^2 /NDF: 4185.9/1

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs slug



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

Left Out: 7.932 $\pm$ 0.863 χ^2 /NDF: 37.7/2

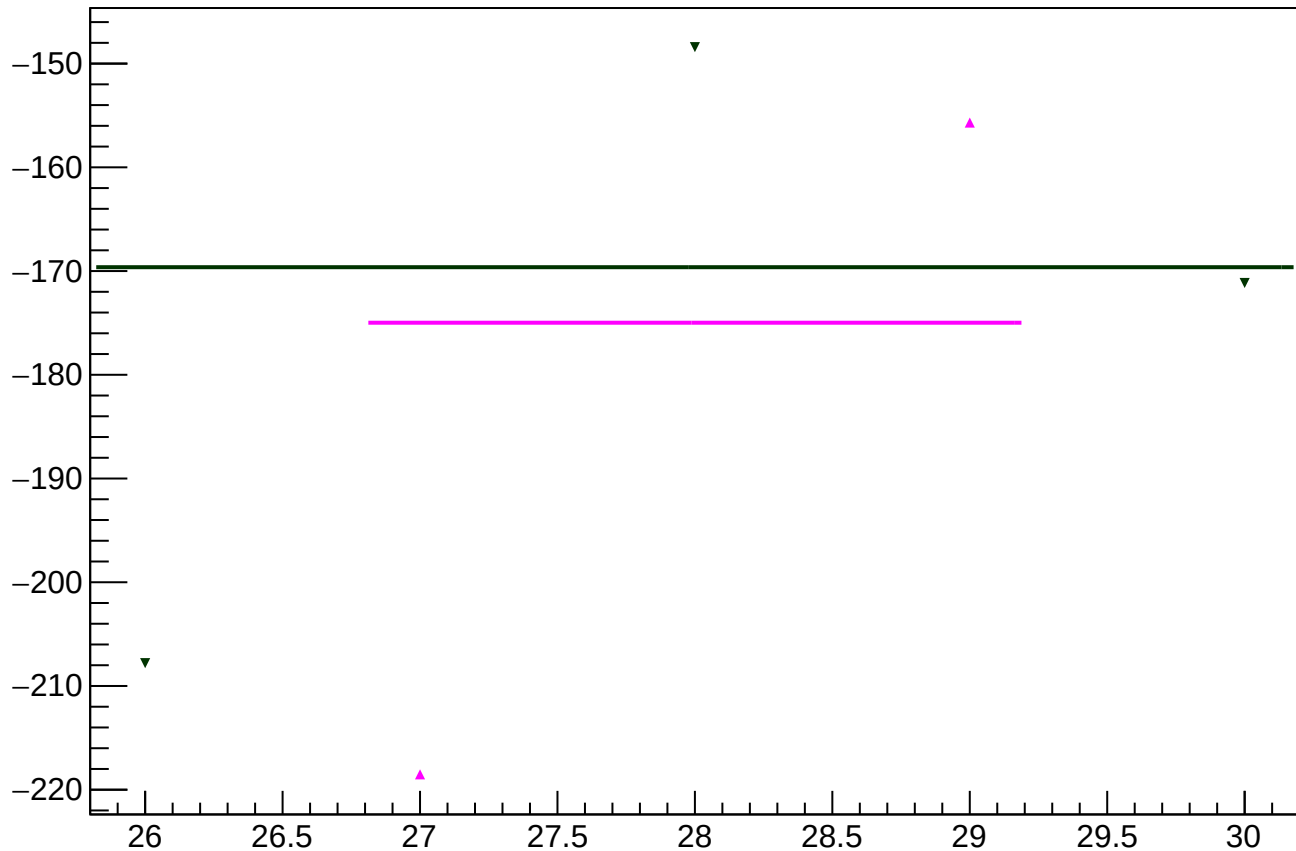
Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 12.397 $\pm$ 0.789 χ^2 /NDF: 6.6/1

7.932 $\pm$ 0.863 χ^2 /NDF: 37.7/2

12.397 $\pm$ 0.789 χ^2 /NDF: 6.6/1

reg_asym_atl1r2_avg_diff_bpm11X_slope vs slug



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

Left Out: -169.628+/-0.157 χ^2/NDF : 21235.9/2

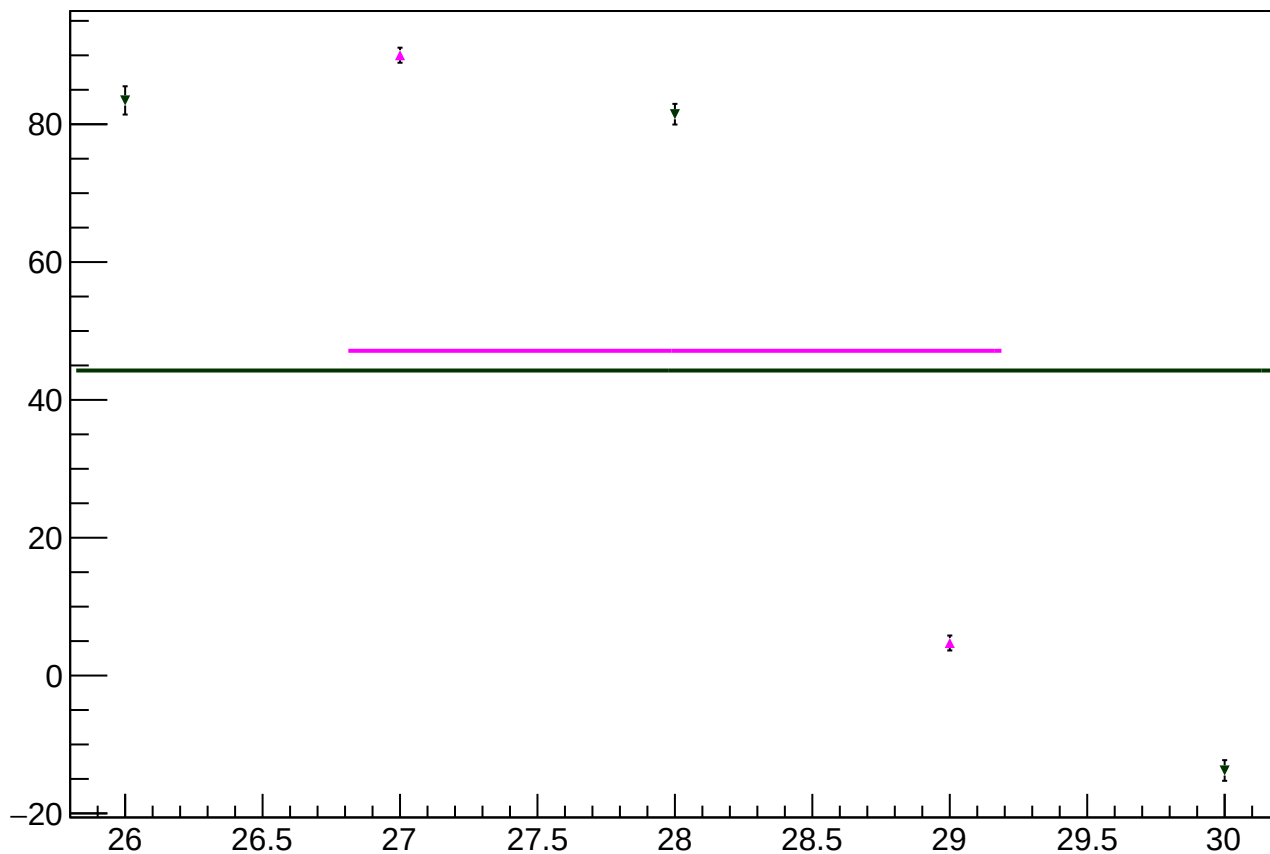
-169.628+/-0.157 χ^2/NDF : 21235.9/2

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

-174.980+/-0.185 χ^2/NDF : 24521.5/1

Left In: -174.980+/-0.185 χ^2/NDF : 24521.5/1

reg_asym_atl1r2_dd_diff_bpm4aX_slope vs slug



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

Left Out: 44.265+/-0.942 χ^2/NDF : 2480.9/2

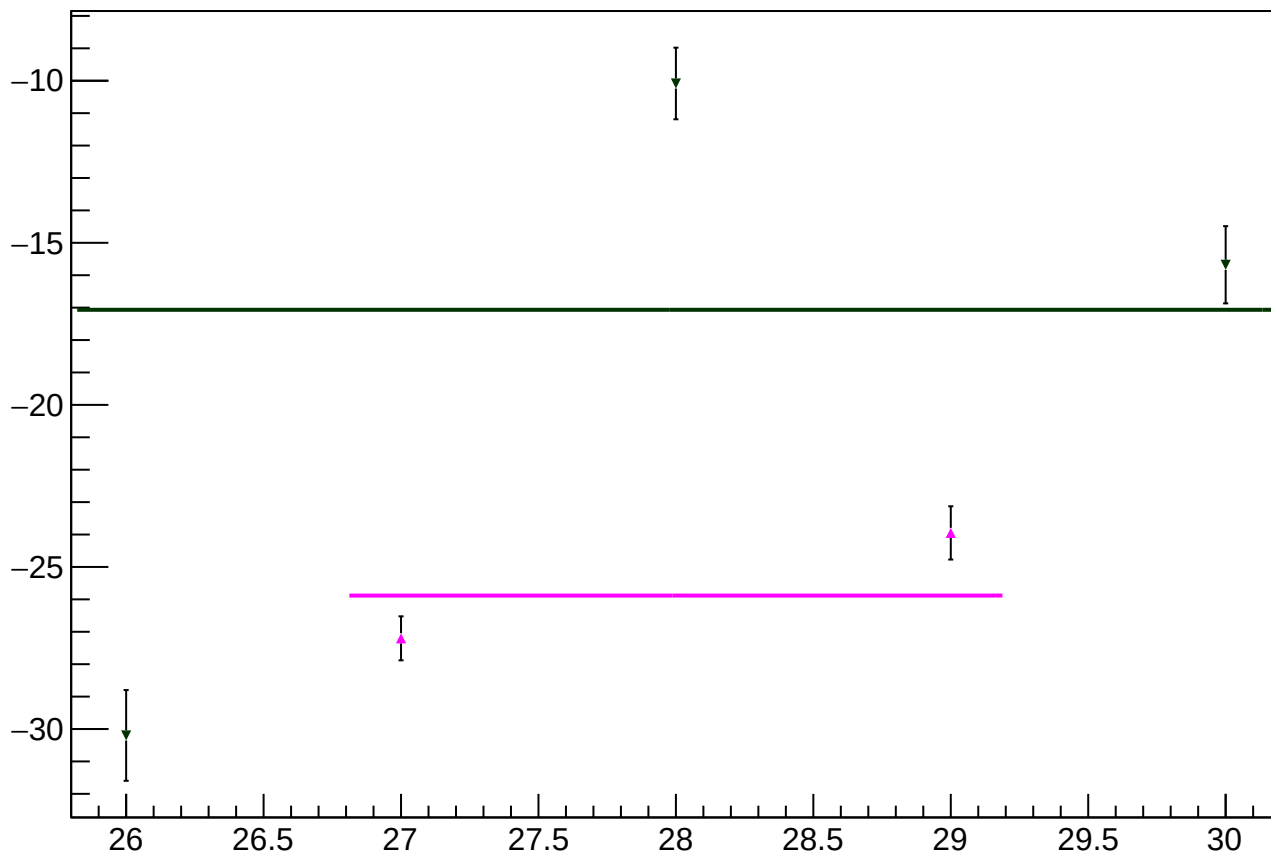
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 47.125+/-0.770 χ^2/NDF : 3064.3/1

44.265+/-0.942 χ^2/NDF : 2480.9/2

47.125+/-0.770 χ^2/NDF : 3064.3/1

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs slug



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

Left Out: -17.067 ± 0.701 χ^2/NDF : 129.3/2

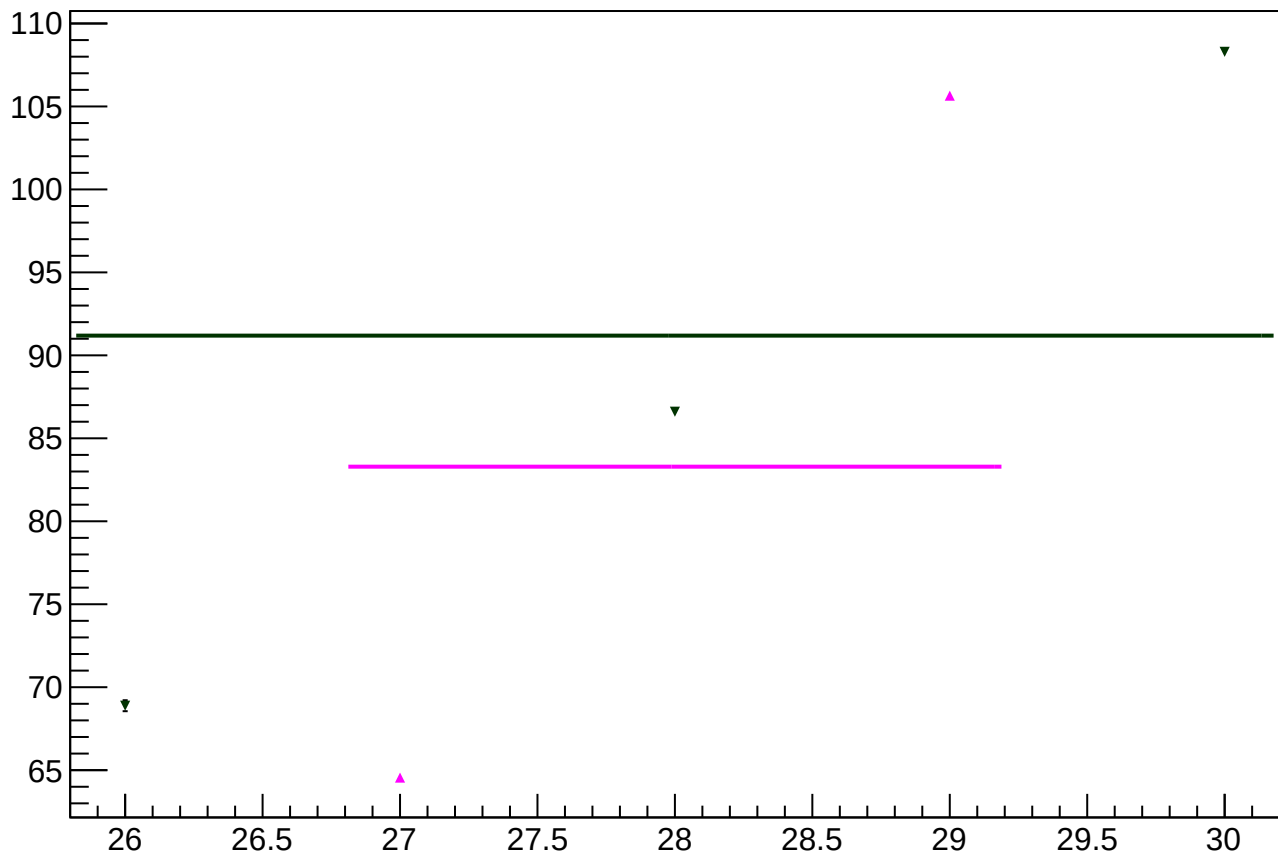
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -25.882 ± 0.523 χ^2/NDF : 9.3/1

-17.067 ± 0.701 χ^2/NDF : 129.3/2

-25.882 ± 0.523 χ^2/NDF : 9.3/1

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs slug



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

Left Out: 91.188+/-0.158 χ^2/NDF : 9513.7/2

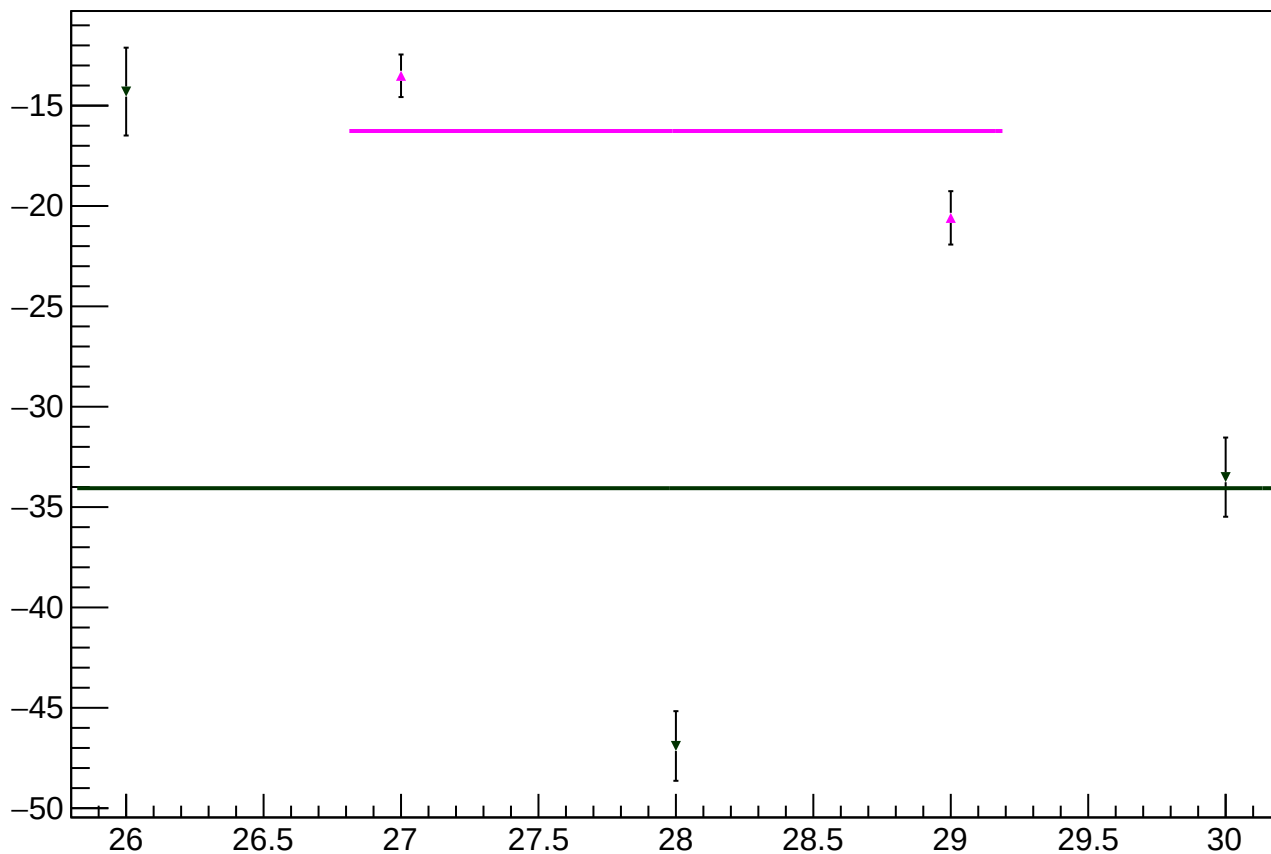
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 83.291+/-0.143 χ^2/NDF : 20550.7/1

91.188+/-0.158 χ^2/NDF : 9513.7/2

83.291+/-0.143 χ^2/NDF : 20550.7/1

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs slug



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

Left Out: -34.059+/-1.119 χ^2/NDF :136.4/2

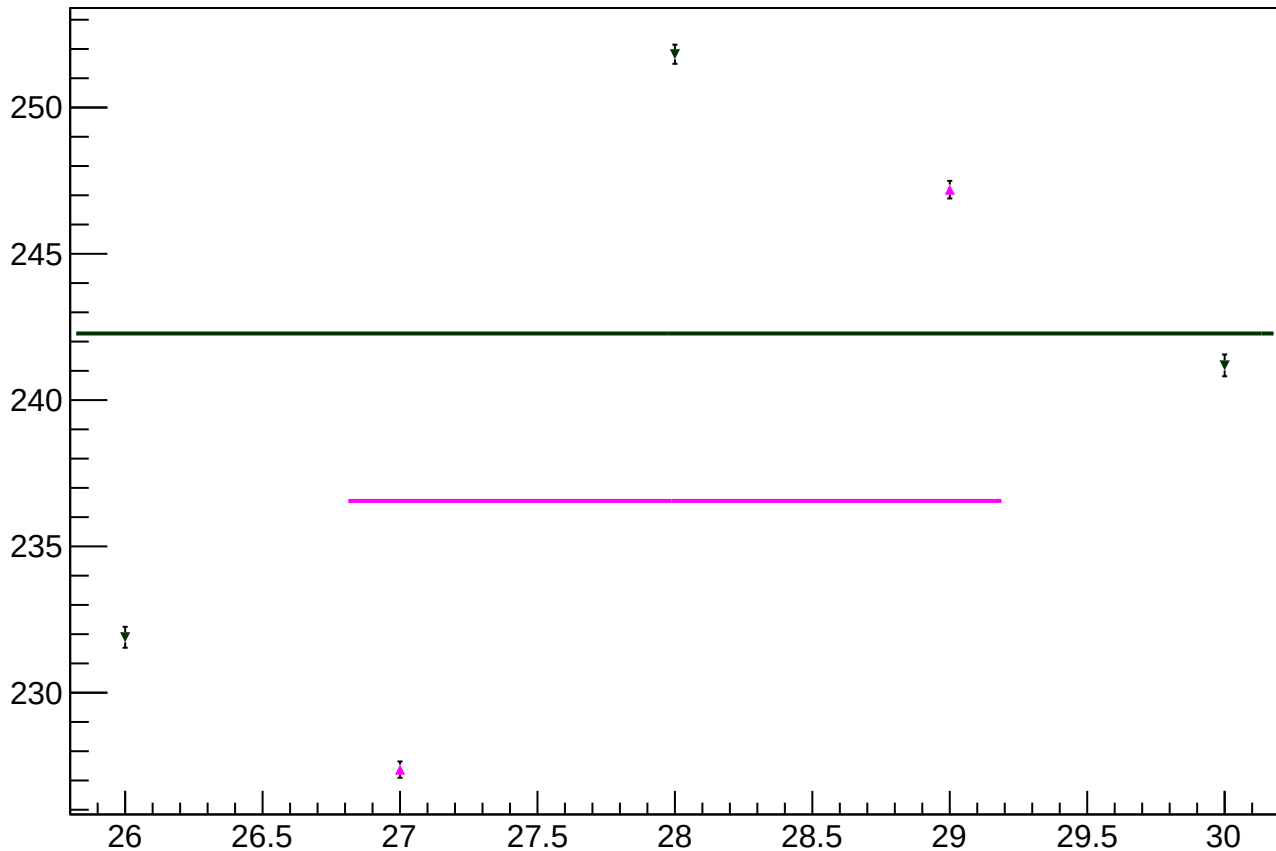
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -16.264+/-0.829 χ^2/NDF :17.3/1

-34.059+/-1.119 χ^2/NDF : 136.4/2

-16.264+/-0.829 χ^2/NDF : 17.3/1

reg_asym_atl1r2_dd_diff_bpm11X_slope vs slug



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

Left Out: 242.277+/-0.202 χ^2/NDF : 1706.5/2

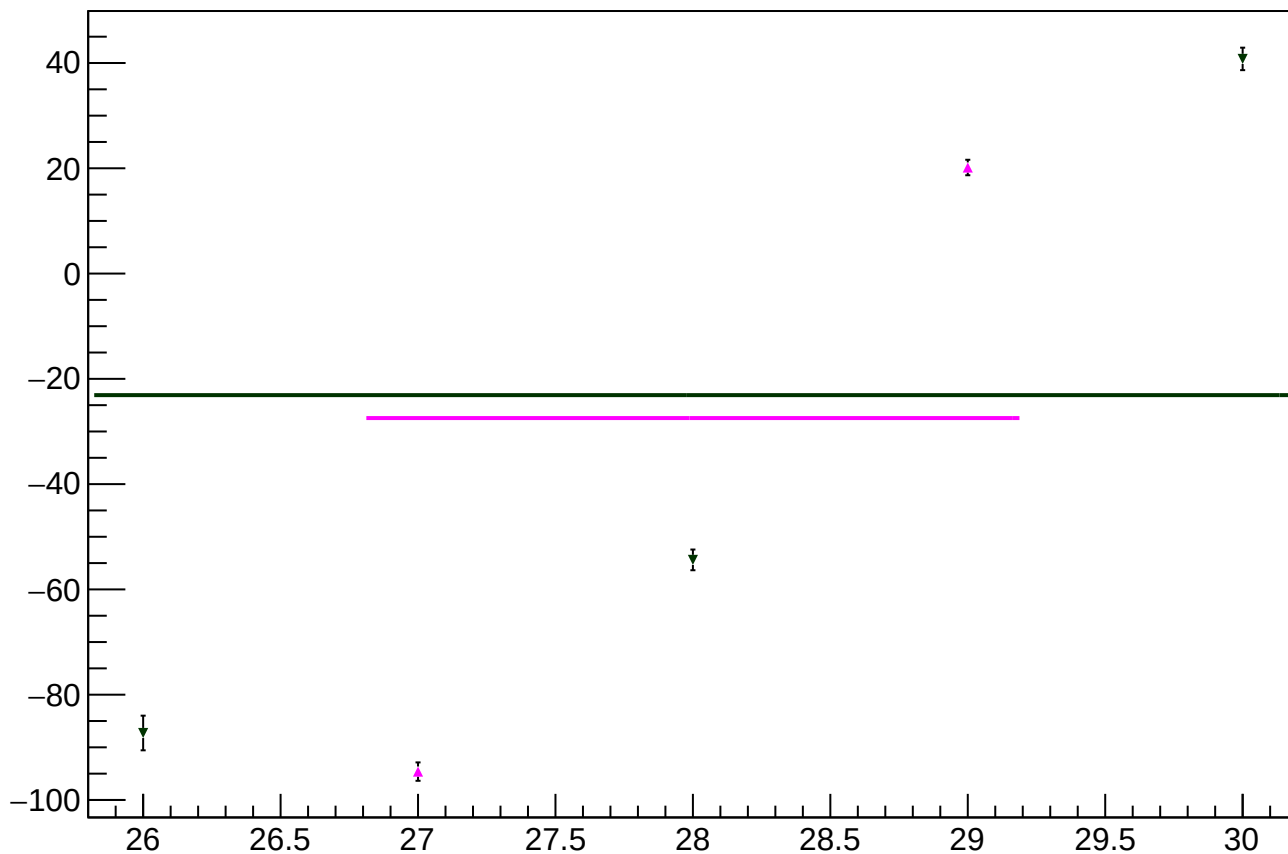
242.277+/-0.202 χ^2/NDF : 1706.5/2

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

236.554+/-0.204 χ^2/NDF : 2339.6/1

Left In: 236.554+/-0.204 χ^2/NDF : 2339.6/1

reg_asym_atr1l2_avg_diff_bpm4aX_slope vs slug



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

Left Out: -23.093+/-1.324 χ^2/NDF :1528.6/2

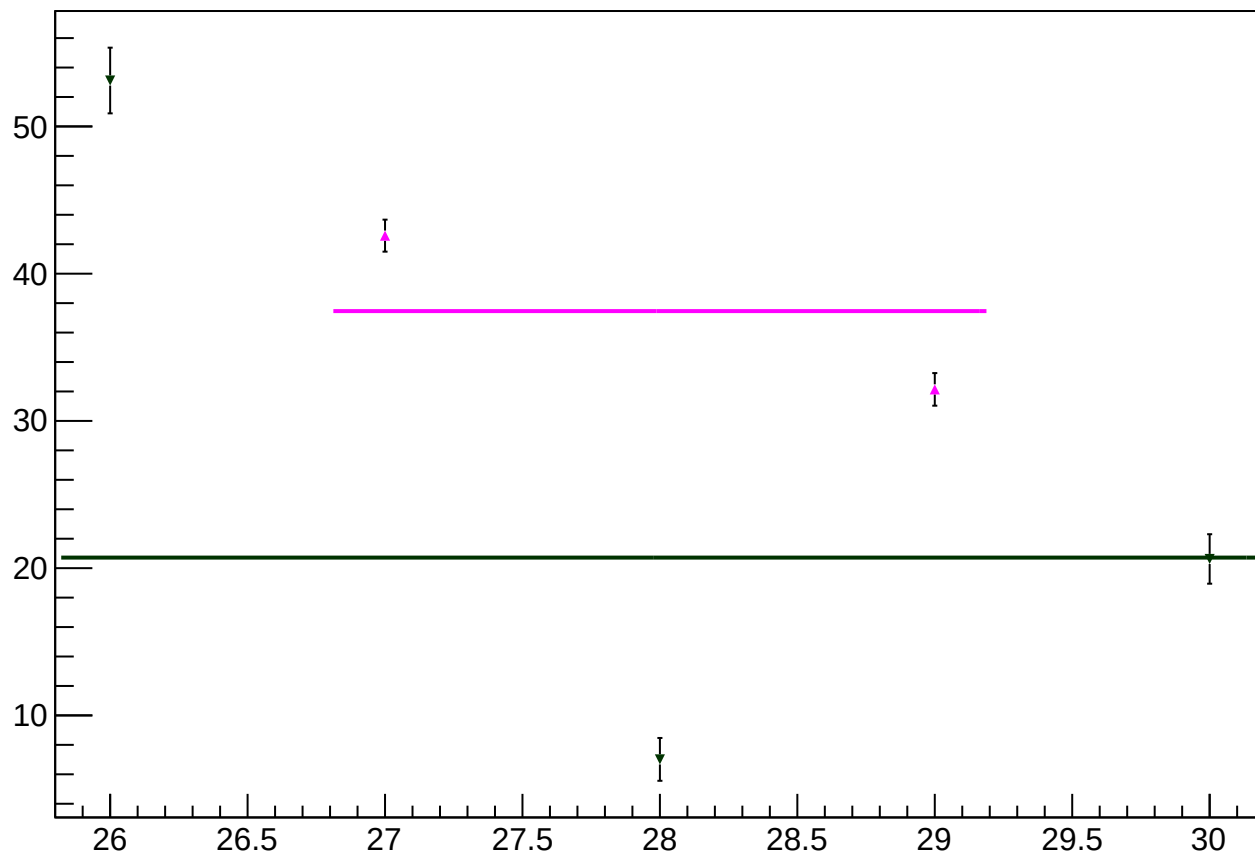
-23.093+/-1.324 χ^2/NDF : 1528.6/2

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

-27.450+/-1.125 χ^2/NDF : 2526.1/1

Left In: -27.450+/-1.125 χ^2/NDF :2526.1/1

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs slug



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

Left Out: 20.718+/-0.986 χ^2/NDF :299.8/2

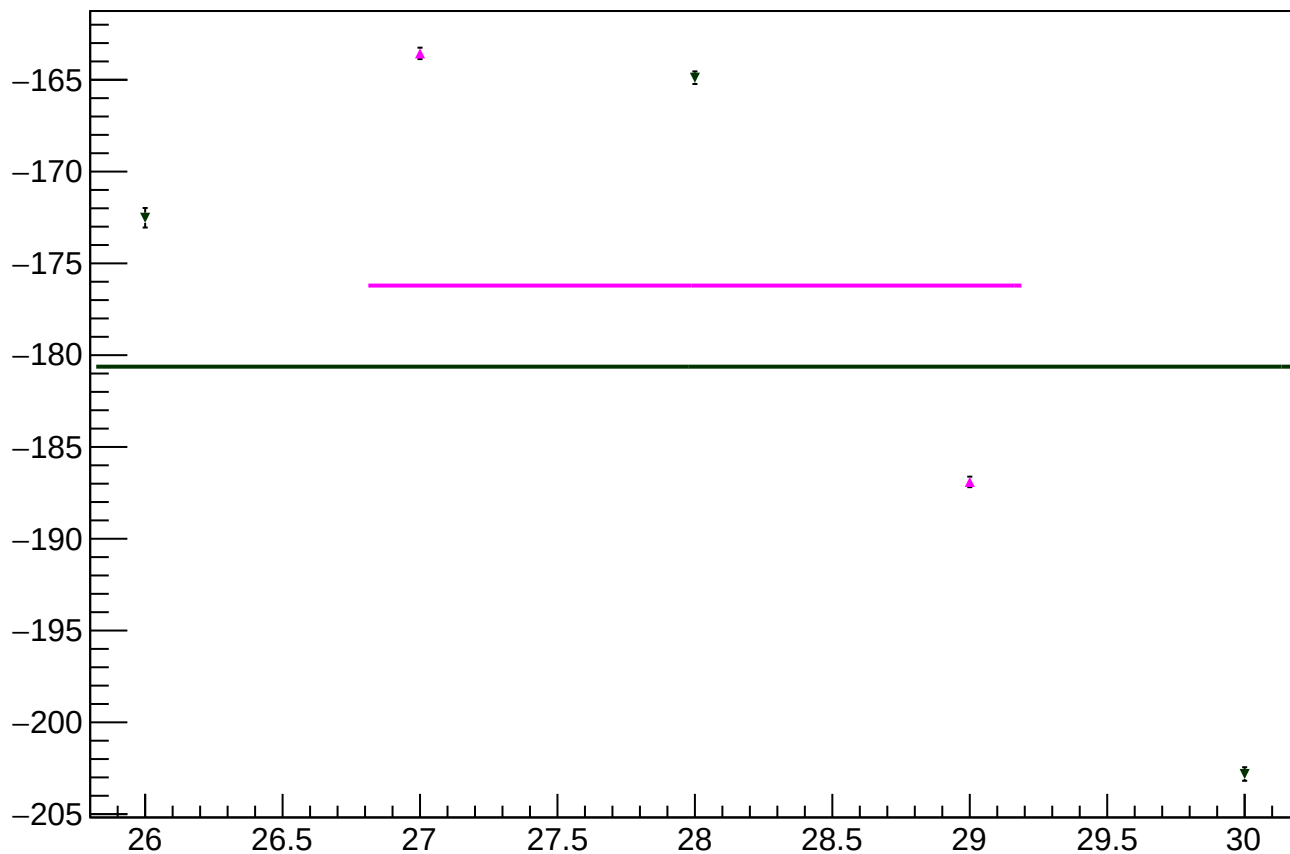
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 37.459+/-0.776 χ^2/NDF :45.3/1

20.718+/-0.986 χ^2/NDF : 299.8/2

37.459+/-0.776 χ^2/NDF : 45.3/1

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs slug



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

Left Out: -180.626 ± 0.228 χ^2/NDF : 5922.7/2

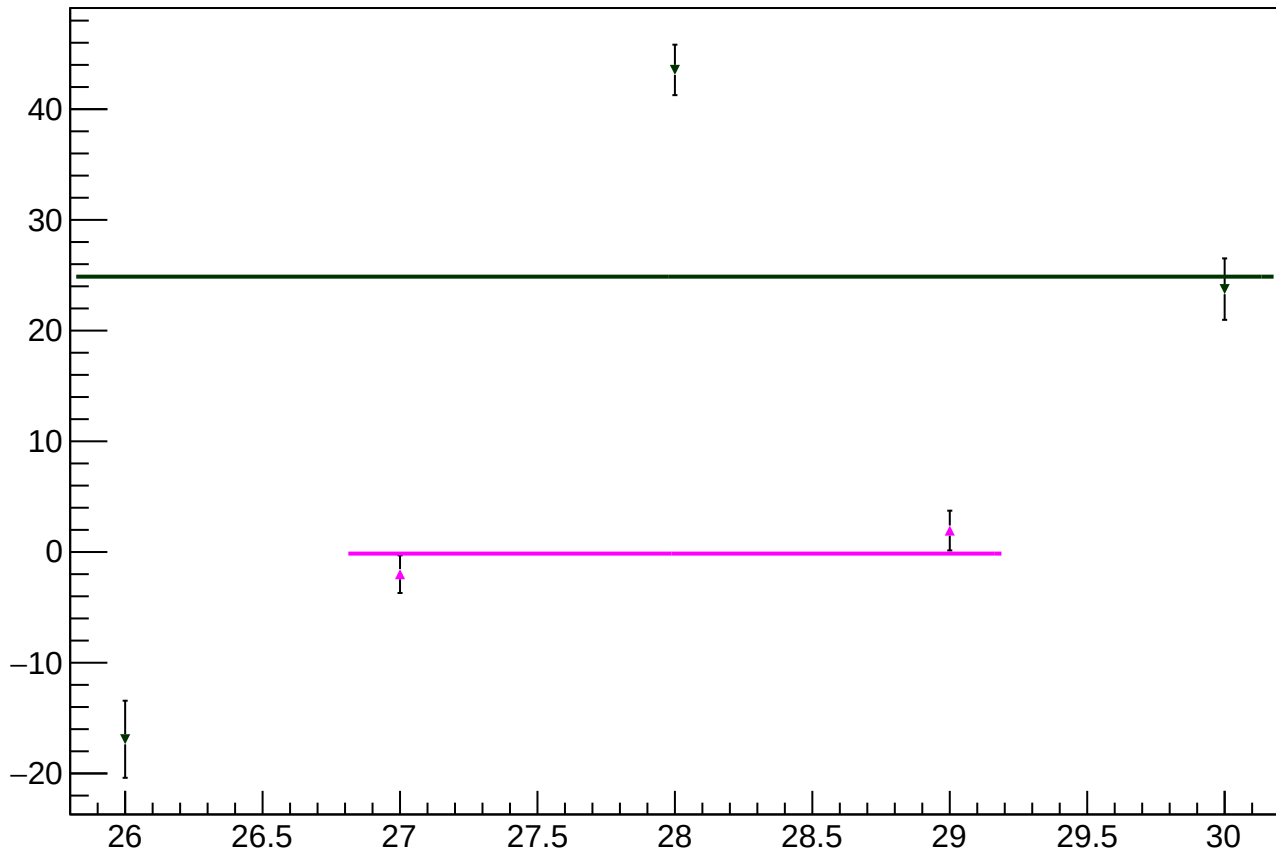
Right Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: -176.209 ± 0.211 χ^2/NDF : 3049.2/1

-180.626 ± 0.228 χ^2/NDF : 5922.7/2

-176.209 ± 0.211 χ^2/NDF : 3049.2/1

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs slug



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

Left Out: 24.873 $\pm$ 1.572 χ^2 /NDF: 211.4/2

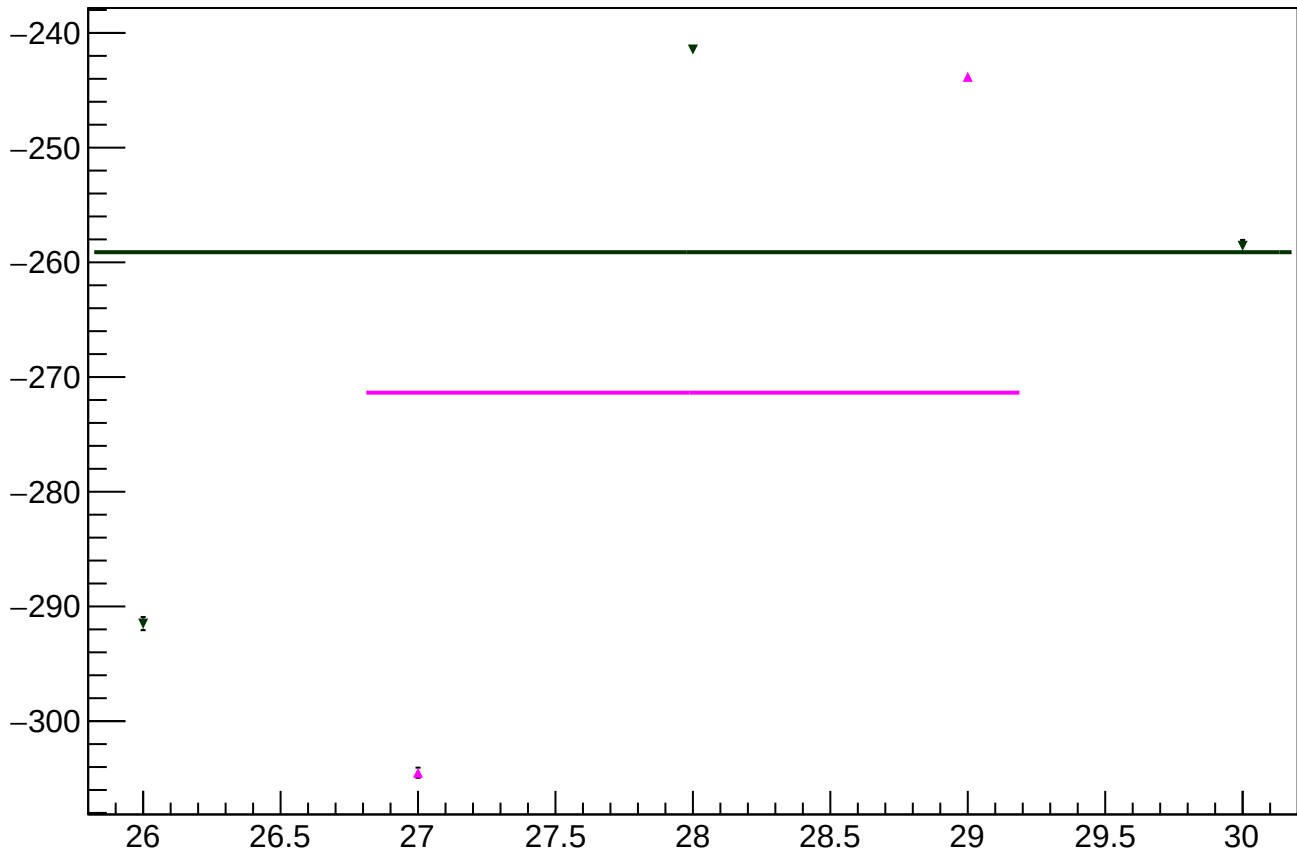
24.873 $\pm$ 1.572 χ^2 /NDF: 211.4/2

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

-0.142 $\pm$ 1.234 χ^2 /NDF: 2.5/1

Left In: -0.142 $\pm$ 1.234 χ^2 /NDF: 2.5/1

reg_asym_atr1l2_avg_diff_bpm11X_slope vs slug



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

Left Out: -259.116+/-0.285 χ^2/NDF : 4938.0/2

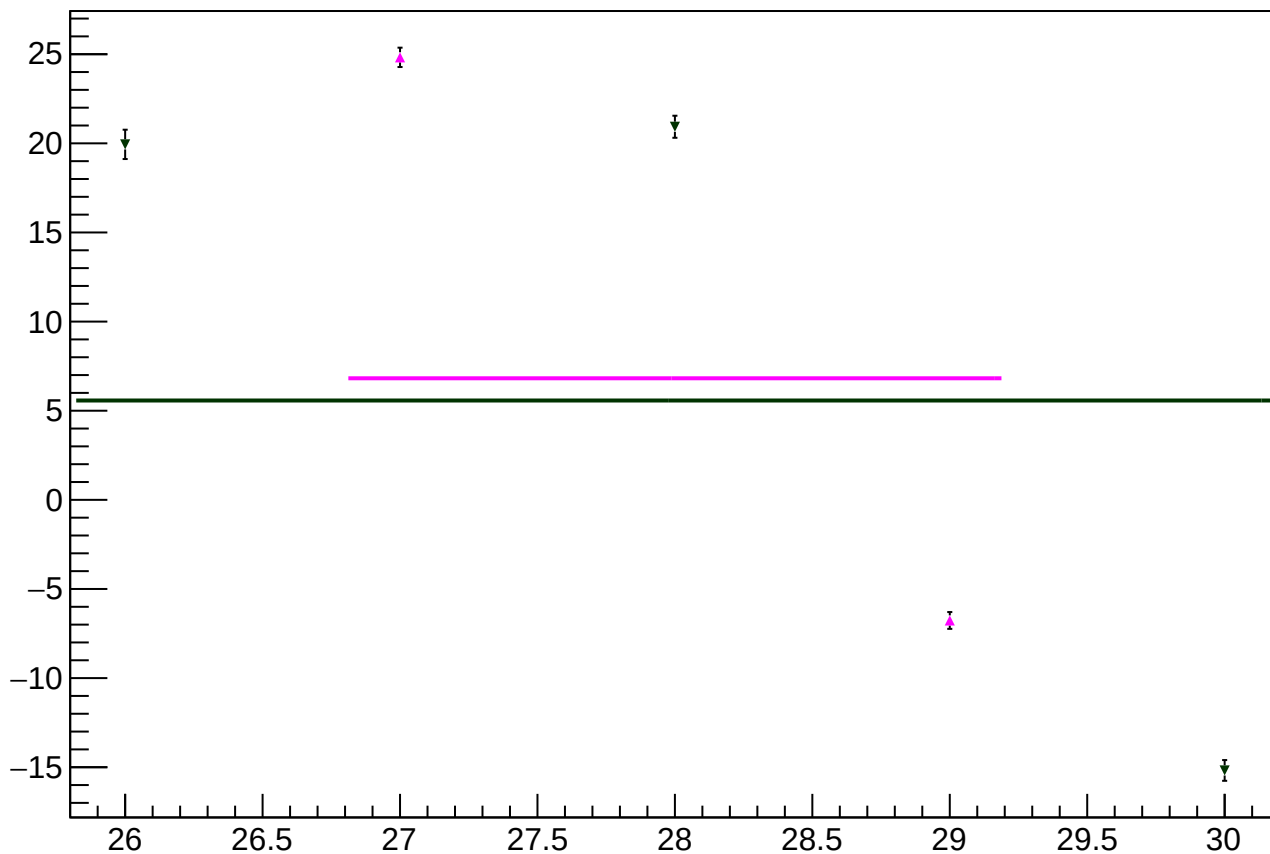
-259.116+/-0.285 χ^2/NDF : 4938.0/2

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

-271.362+/-0.298 χ^2/NDF : 10275.7/1

Left In: -271.362+/-0.298 χ^2/NDF : 10275.7/1

reg_asym_atr1l2_dd_diff_bpm4aX_slope vs slug



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

Left Out: 5.573+/-0.377 χ^2/NDF : 2195.5/2

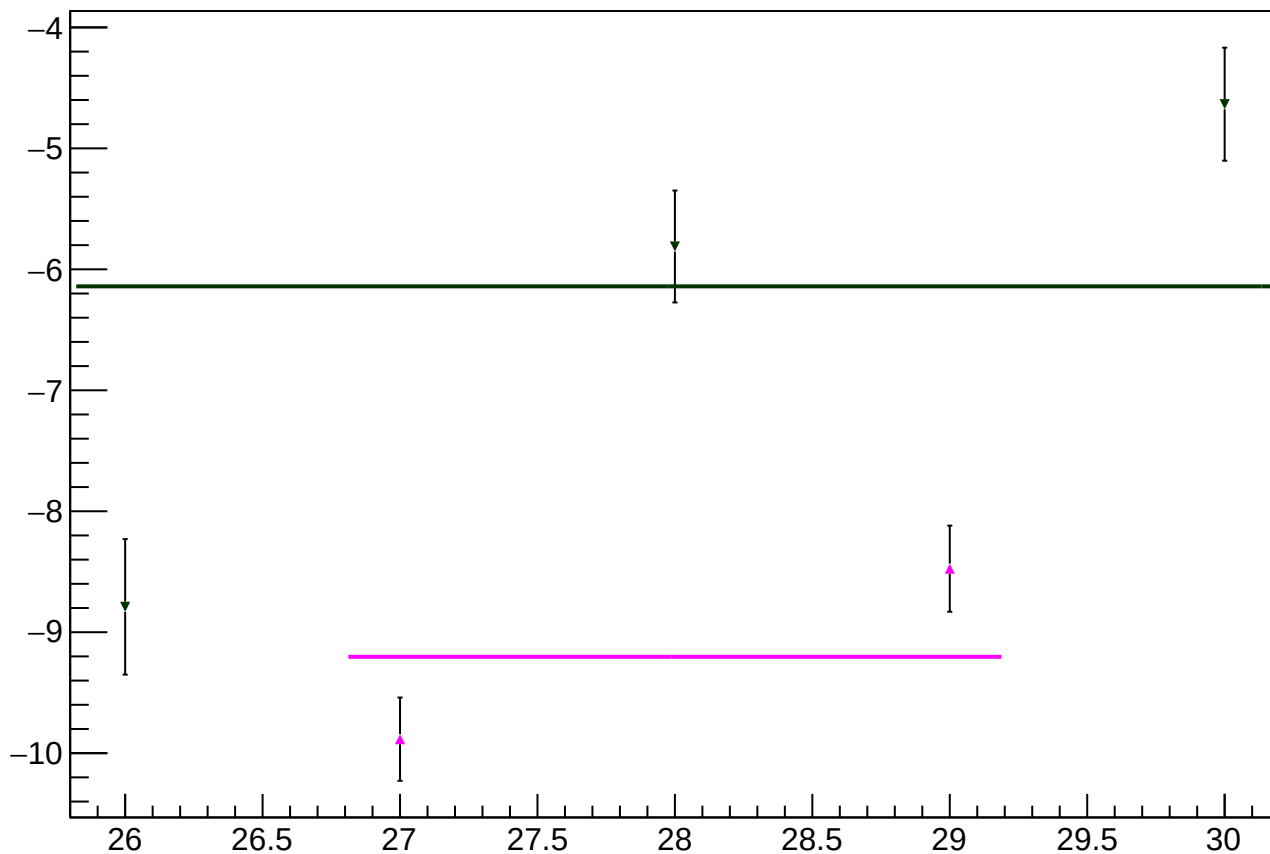
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 6.819+/-0.356 χ^2/NDF : 1930.2/1

5.573+/-0.377 χ^2/NDF : 2195.5/2

6.819+/-0.356 χ^2/NDF : 1930.2/1

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs slug



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

Left Out: -6.141+/-0.284 χ^2/NDF : 33.3/2

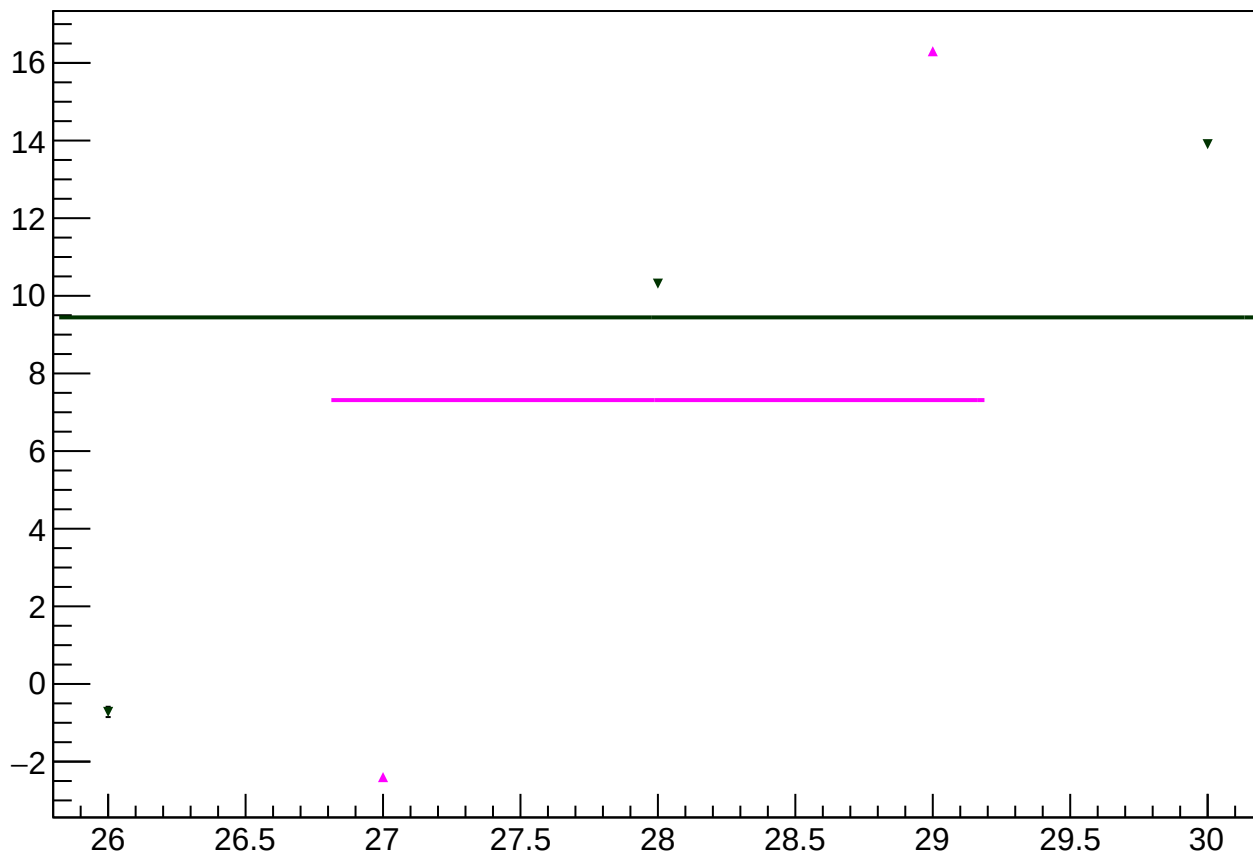
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -9.203+/-0.247 χ^2/NDF : 8.1/1

-6.141+/-0.284 χ^2/NDF : 33.3/2

-9.203+/-0.247 χ^2/NDF : 8.1/1

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs slug



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

Left Out: 9.444+/-0.062 χ^2/NDF : 8182.7/2

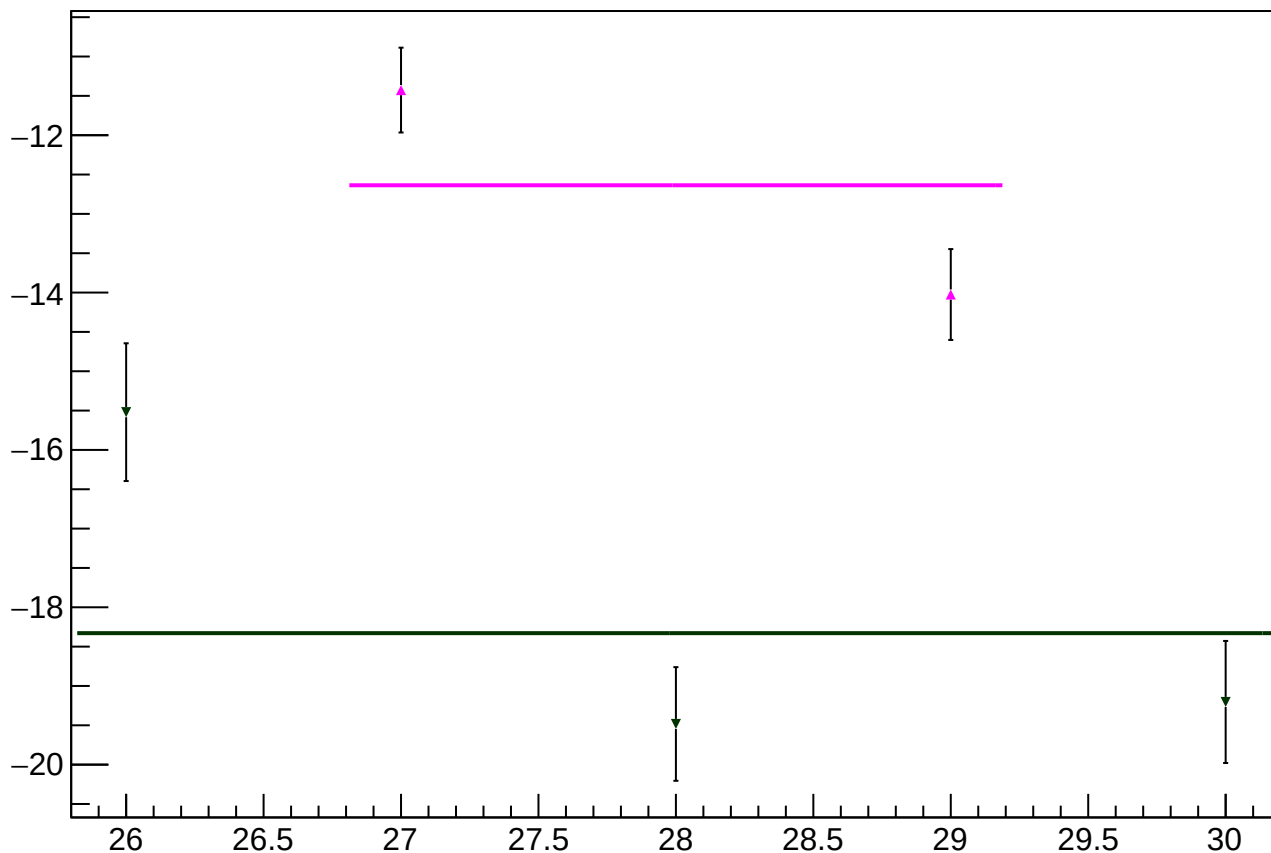
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 7.313+/-0.066 χ^2/NDF : 19987.9/1

9.444+/-0.062 χ^2/NDF : 8182.7/2

7.313+/-0.066 χ^2/NDF : 19987.9/1

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs slug



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

Left Out: -18.329+/-0.453 χ^2/NDF :14.1/2

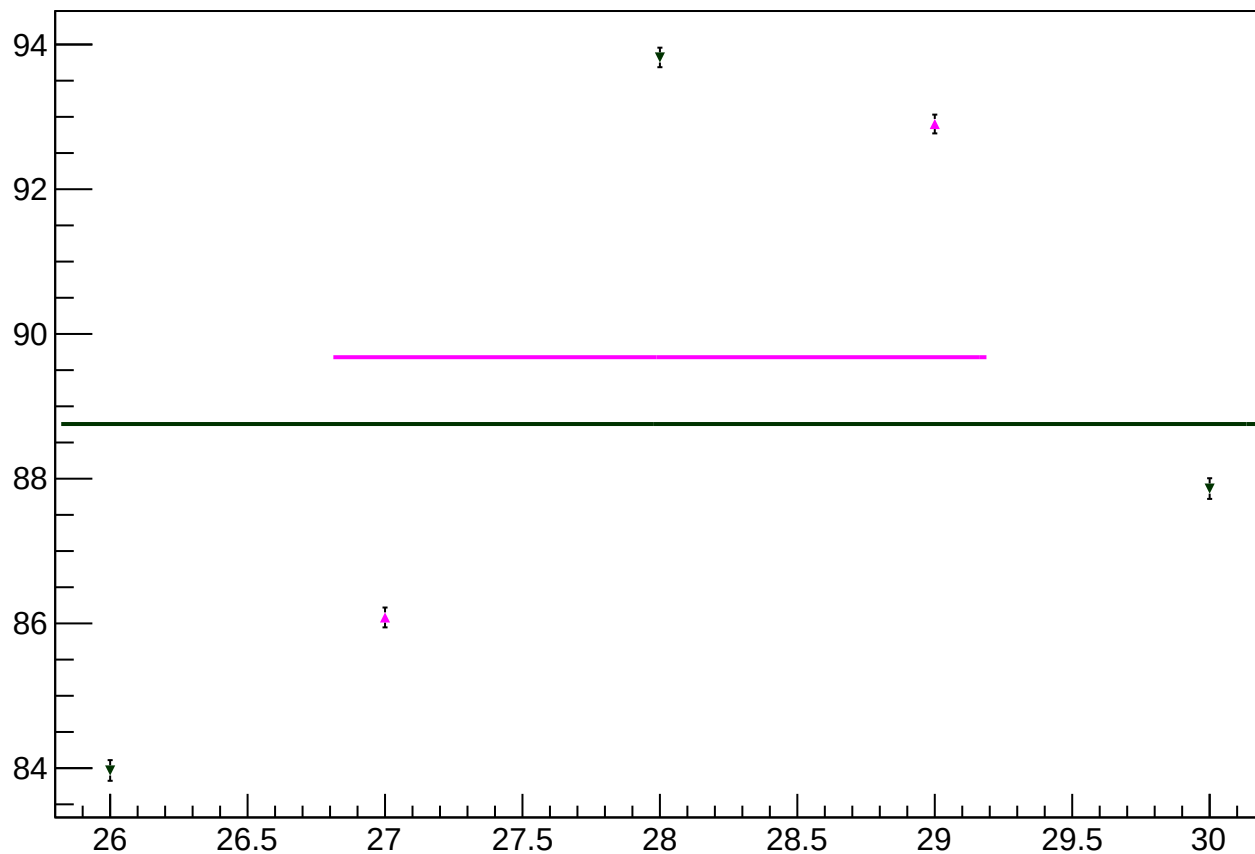
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: -12.636+/-0.394 χ^2/NDF :10.8/1

-18.329+/-0.453 χ^2/NDF : 14.1/2

-12.636+/-0.394 χ^2/NDF : 10.8/1

reg_asym_atr1l2_dd_diff_bpm11X_slope vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left Out: 88.755+/-0.081 χ^2/NDF : 2570.0/2
Right Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Left In: 89.679+/-0.094 χ^2/NDF : 1304.6/1

88.755+/-0.081 χ^2/NDF : 2570.0/2
89.679+/-0.094 χ^2/NDF : 1304.6/1