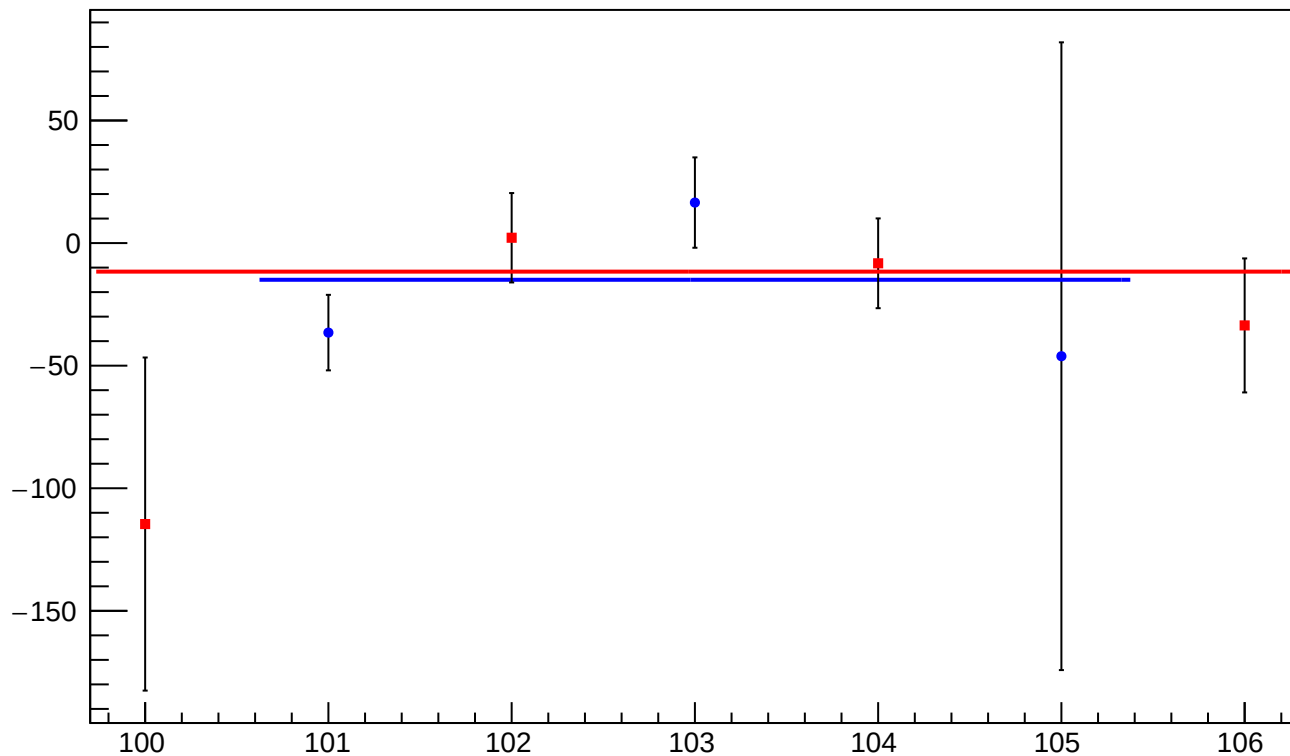


diff_bpm4aX_mean vs slug



Right In: -14.968+/-11.768

χ^2/NDF : 4.9/2

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -11.640+/-11.511

χ^2/NDF : 3.6/3

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

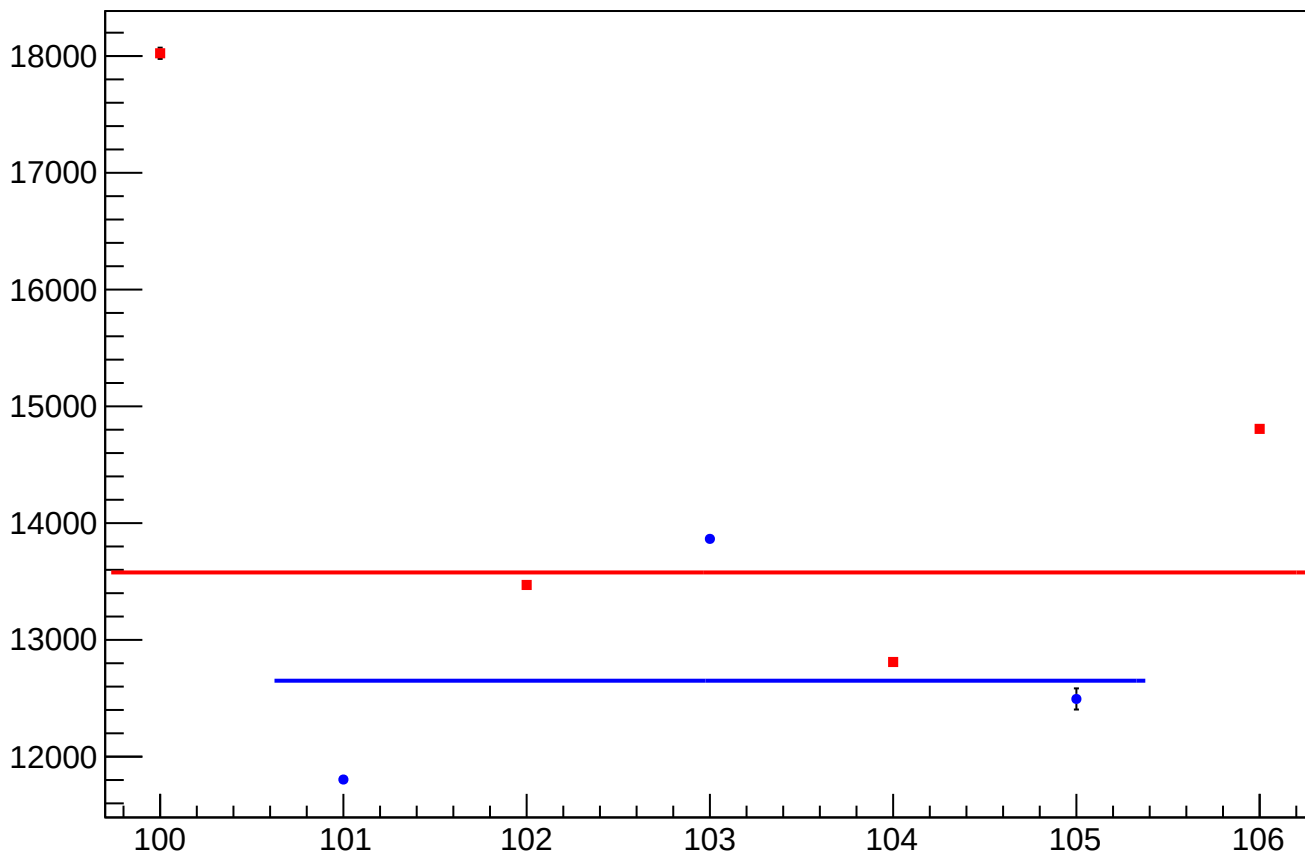
-14.968+/-11.768

χ^2/NDF : 4.9/2

-11.640+/-11.511

χ^2/NDF : 3.6/3

diff_bpm4aX_rms vs slug



Right In: 12650.448 $\pm$ 8.321 χ^2 /NDF: 14730.4/2

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

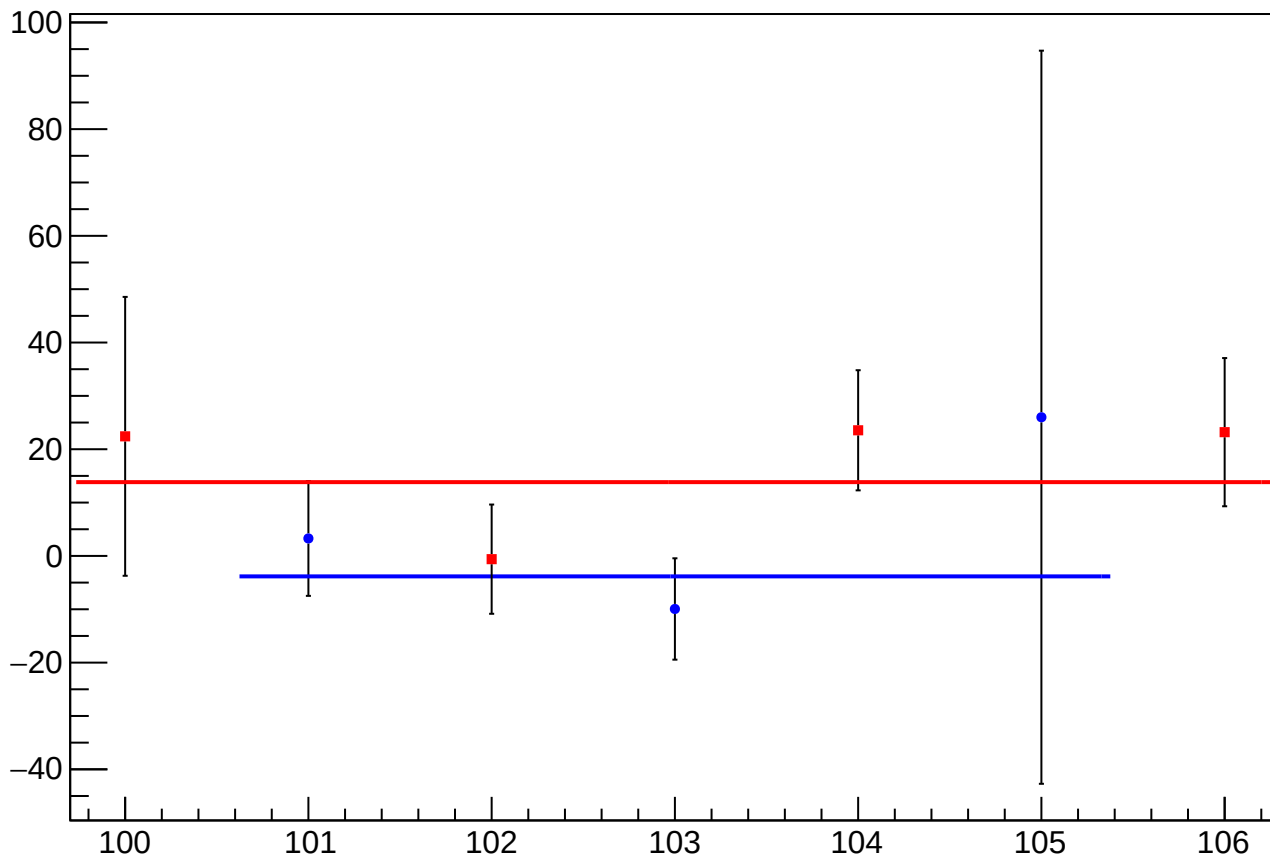
Right Out: 13577.551 $\pm$ 8.139 χ^2 /NDF: 16191.6/3

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

12650.448 $\pm$ 8.321 χ^2 /NDF: 14730.4/2

13577.551 $\pm$ 8.139 χ^2 /NDF: 16191.6/3

diff_bpm4aY_mean vs slug



Right In: -3.835+/-7.085 χ^2/NDF : 1.0/2

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

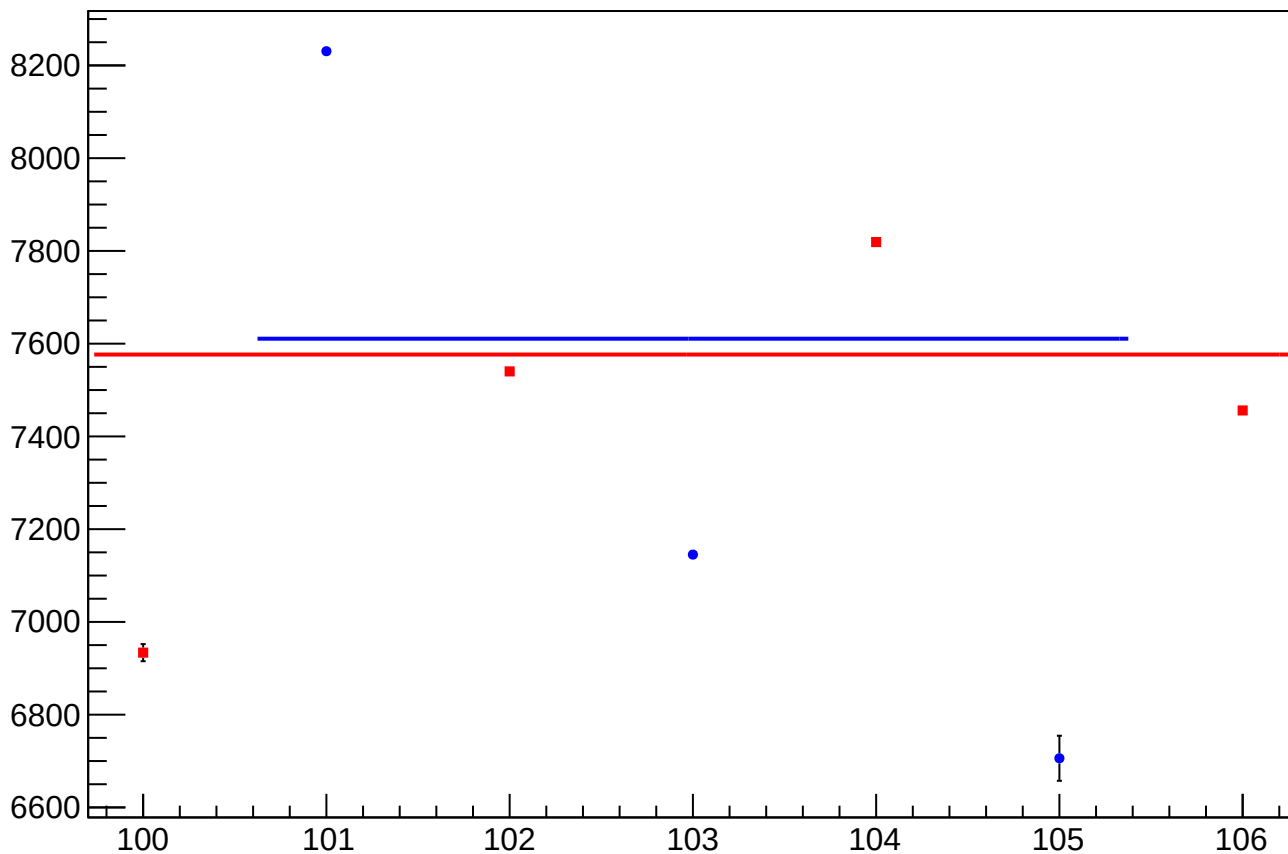
Right Out: 13.832+/-6.445 χ^2/NDF : 3.3/3

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

-3.835+/-7.085 χ^2/NDF : 1.0/2

13.832+/-6.445 χ^2/NDF : 3.3/3

diff_bpm4aY_rms vs slug



Right In: 7610.725+/-5.010 χ^2/NDF : 11783.3/2

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

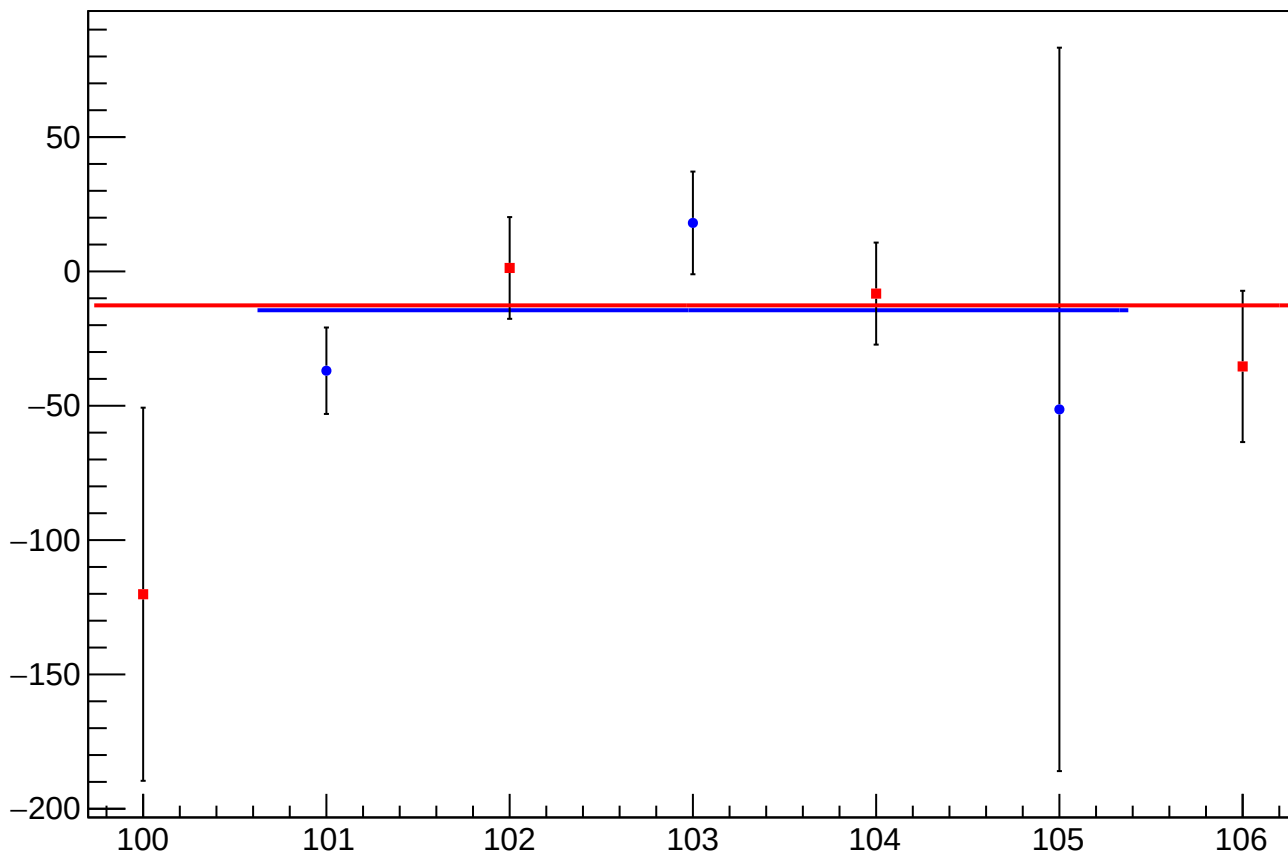
Right Out: 7576.574+/-4.558 χ^2/NDF : 2313.4/3

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

7610.725+/-5.010 χ^2/NDF : 11783.3/2

7576.574+/-4.558 χ^2/NDF : 2313.4/3

diff_bpm4eX_mean vs slug



Right In: -14.452 $\pm$ 12.256 χ^2 /NDF: 4.9/2

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

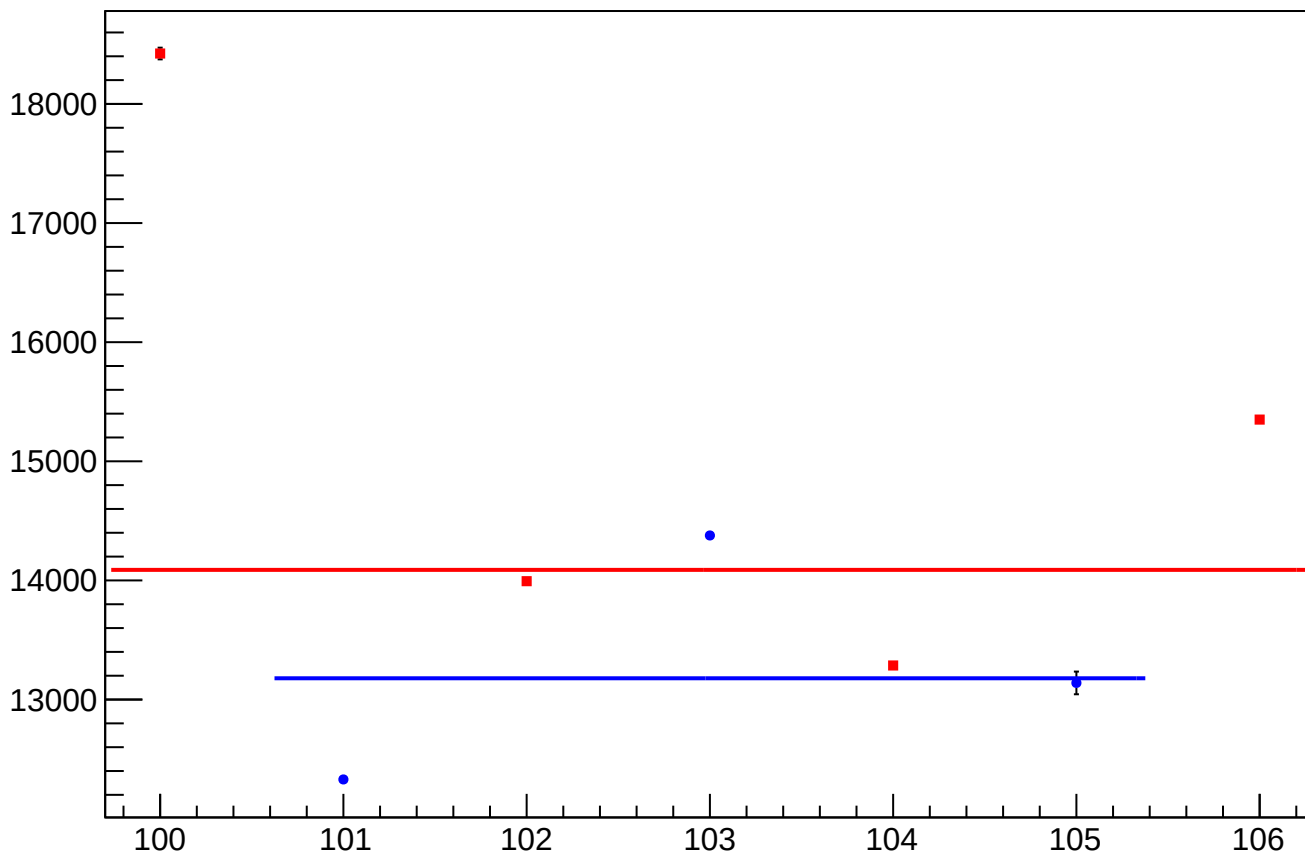
Right Out: -12.636 $\pm$ 11.926 χ^2 /NDF: 3.6/3

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

-14.452 $\pm$ 12.256 χ^2 /NDF: 4.9/2

-12.636 $\pm$ 11.926 χ^2 /NDF: 3.6/3

diff_bpm4eX_rms vs slug



Right In: 13178.495+/-8.666 χ^2/NDF : 13446.7/2

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

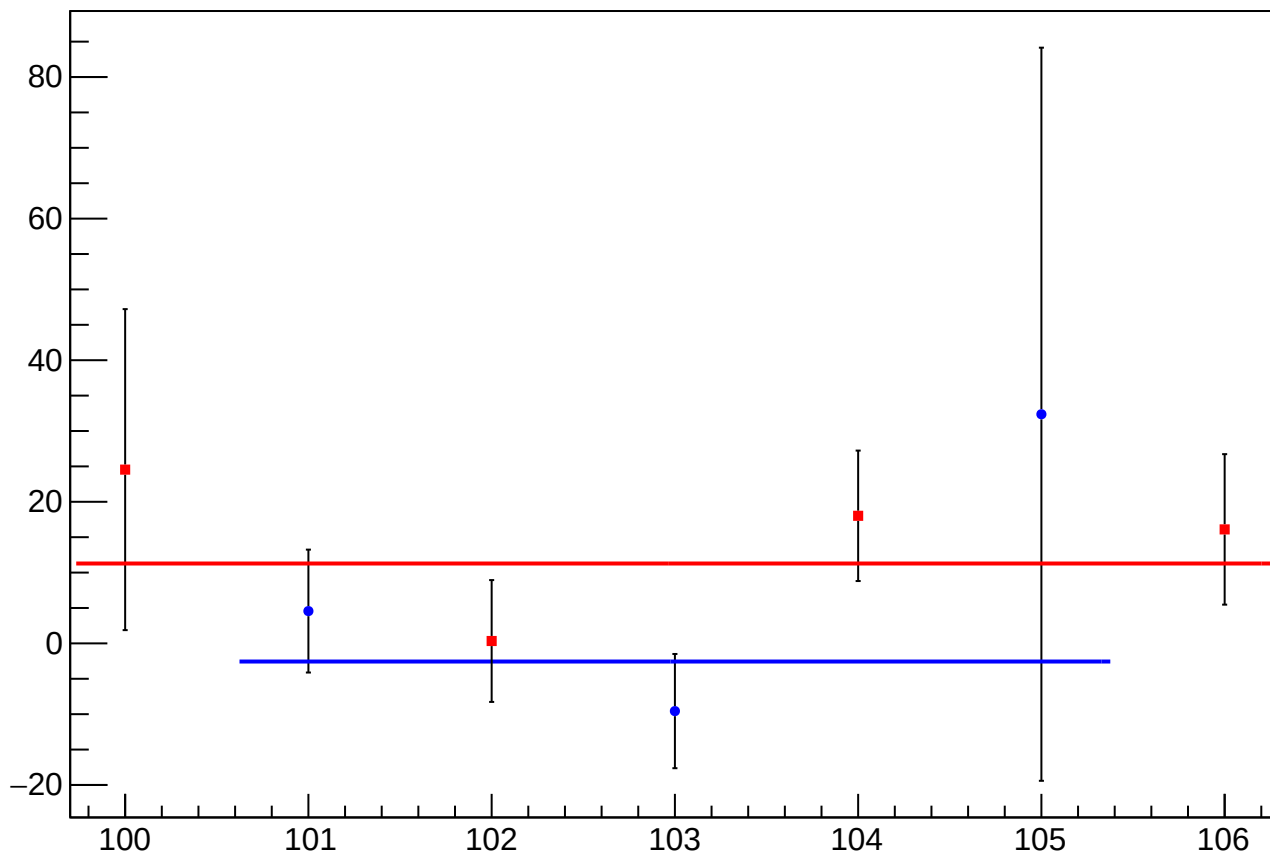
Right Out: 14088.554+/-8.433 χ^2/NDF : 15434.1/3

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

13178.495+/-8.666 χ^2/NDF : 13446.7/2

14088.554+/-8.433 χ^2/NDF : 15434.1/3

diff_bpm4eY_mean vs slug



Right In: -2.563+/-5.871 χ^2/NDF : 1.9/2

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

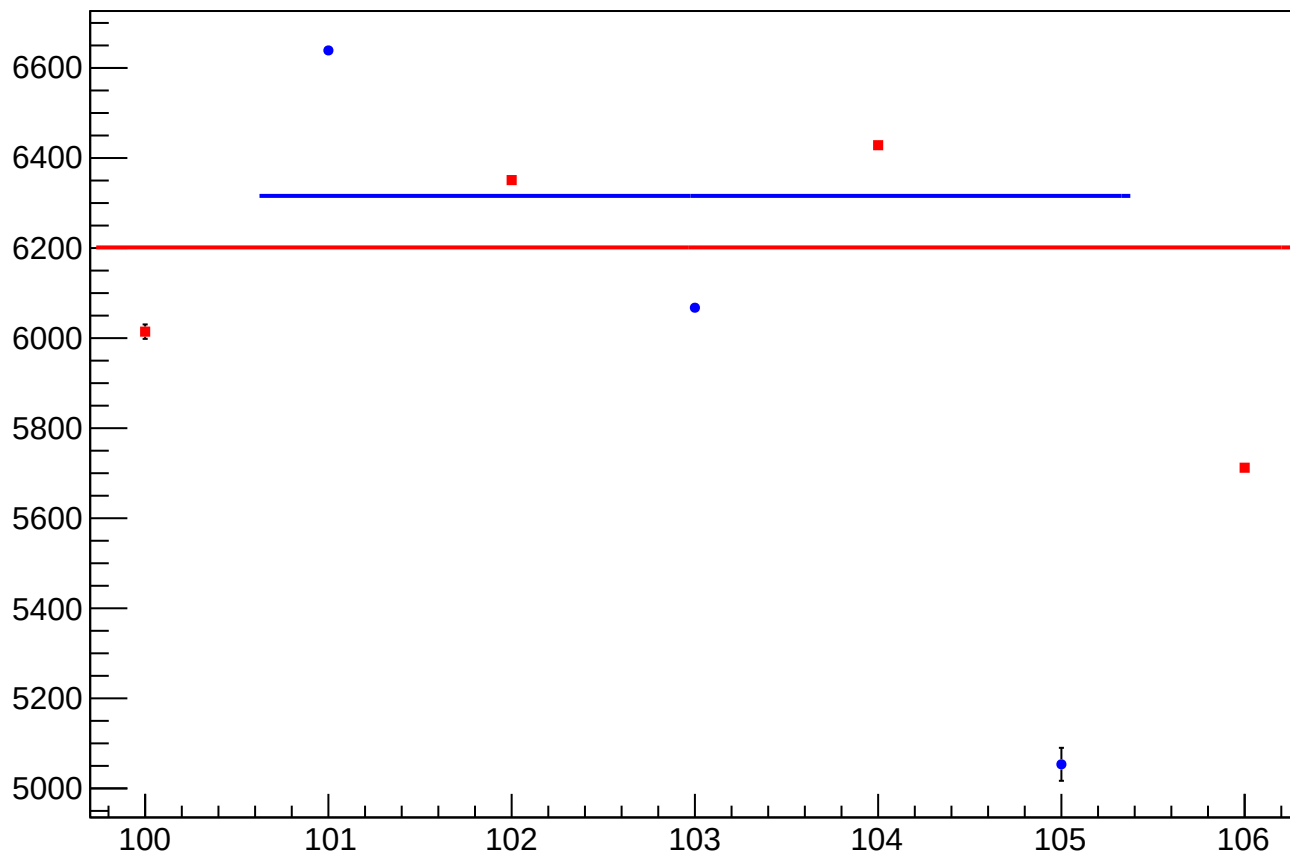
Right Out: 11.283+/-5.264 χ^2/NDF : 2.7/3

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

-2.563+/-5.871 χ^2/NDF : 1.9/2

11.283+/-5.264 χ^2/NDF : 2.7/3

diff_bpm4eY_rms vs slug



Right In: 6315.896 $\pm$ 4.152 χ^2 /NDF: 5853.8/2

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

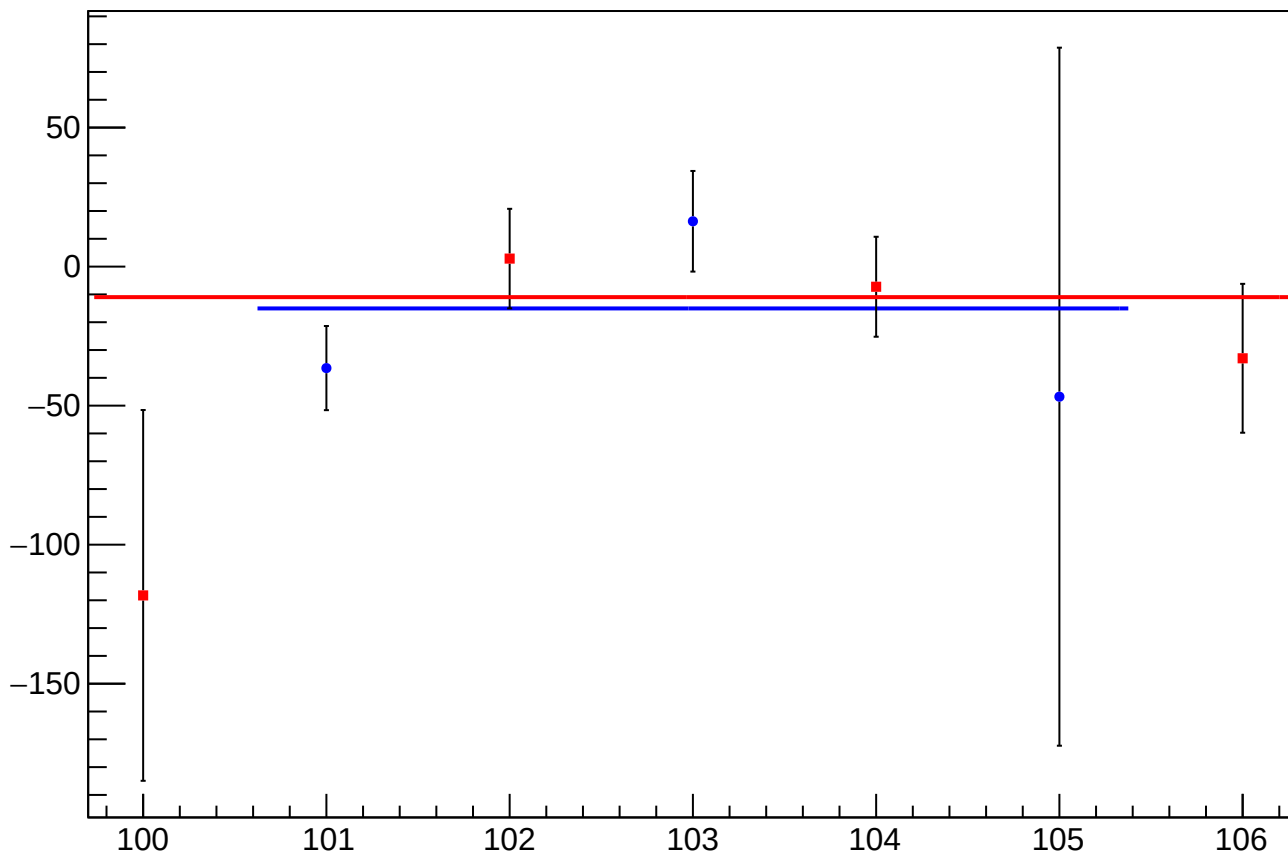
Right Out: 6201.438 $\pm$ 3.723 χ^2 /NDF: 6191.7/3

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

6315.896 $\pm$ 4.152 χ^2 /NDF: 5853.8/2

6201.438 $\pm$ 3.723 χ^2 /NDF: 6191.7/3

diff_bpm4acX_mean vs slug



Right In: -15.042 $\pm$ 11.559 χ^2 /NDF: 5.1/2

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

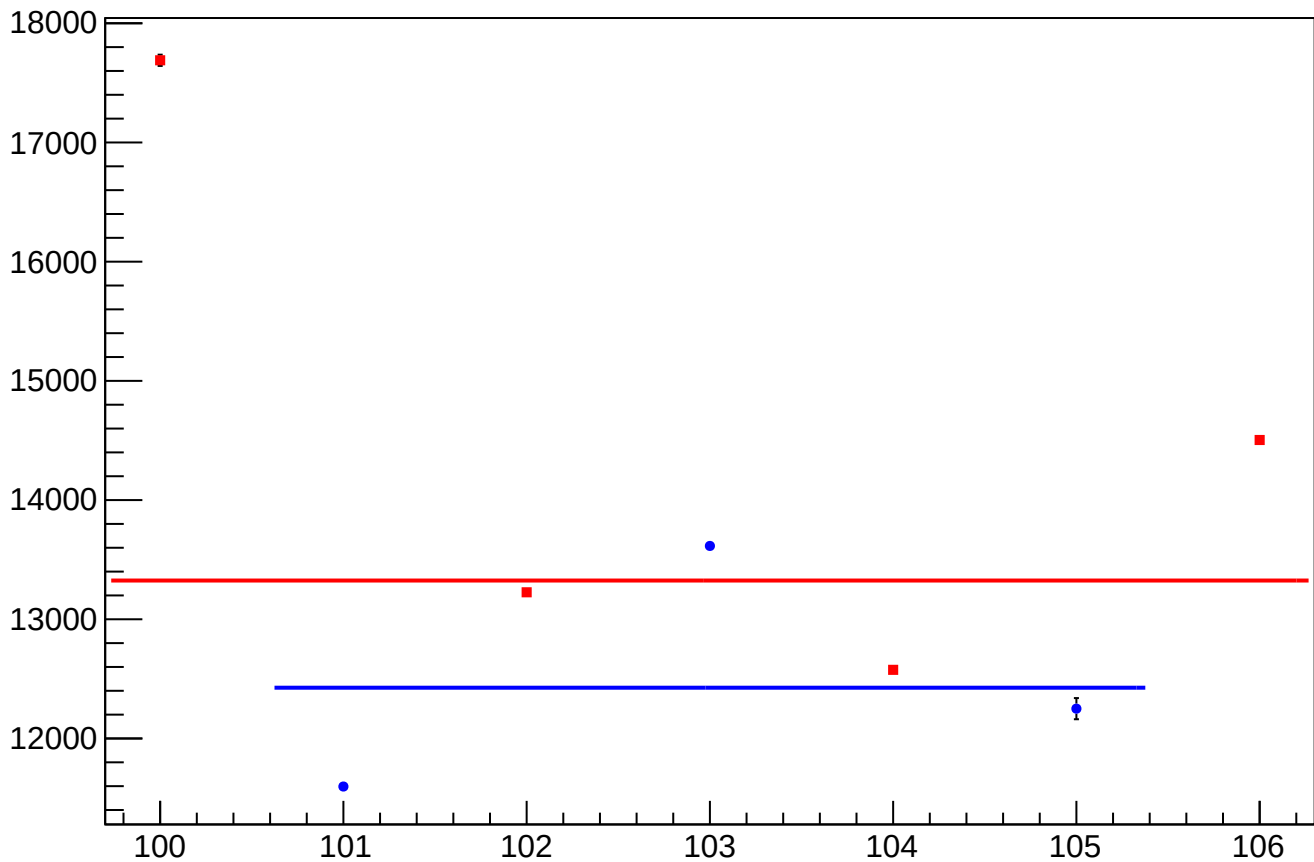
Right Out: -10.979 $\pm$ 11.296 χ^2 /NDF: 3.9/3

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

-15.042 $\pm$ 11.559 χ^2 /NDF: 5.1/2

-10.979 $\pm$ 11.296 χ^2 /NDF: 3.9/3

diff_bpm4acX_rms vs slug



Right In: 12425.937 $\pm$ 8.173 χ^2 /NDF: 14646.2/2

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

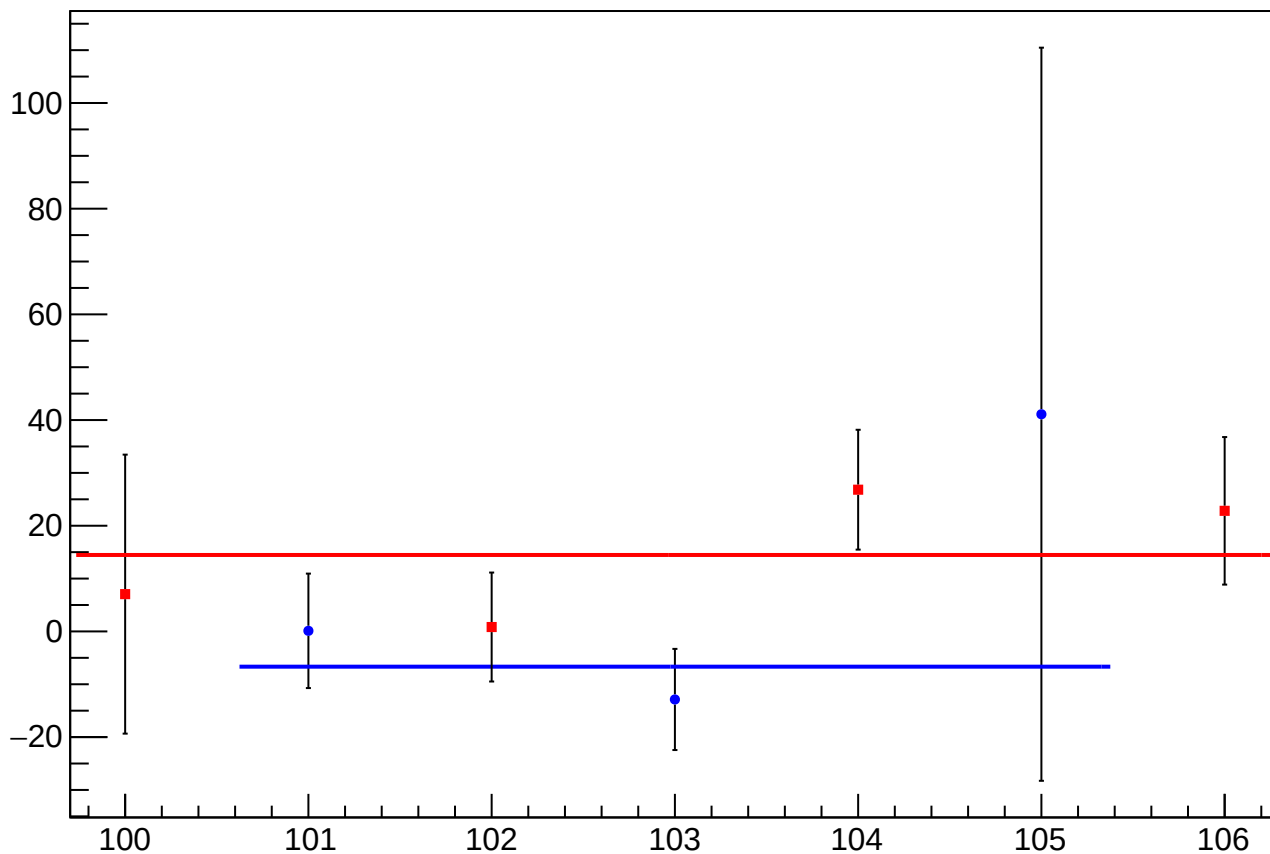
12425.937 $\pm$ 8.173 χ^2 /NDF: 14646.2/2

Right Out: 13325.058 $\pm$ 7.988 χ^2 /NDF: 15984.6/3

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

13325.058 $\pm$ 7.988 χ^2 /NDF: 15984.6/3

diff_bpm4acY_mean vs slug



Right In: -6.672+/-7.134 χ^2/NDF : 1.3/2

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

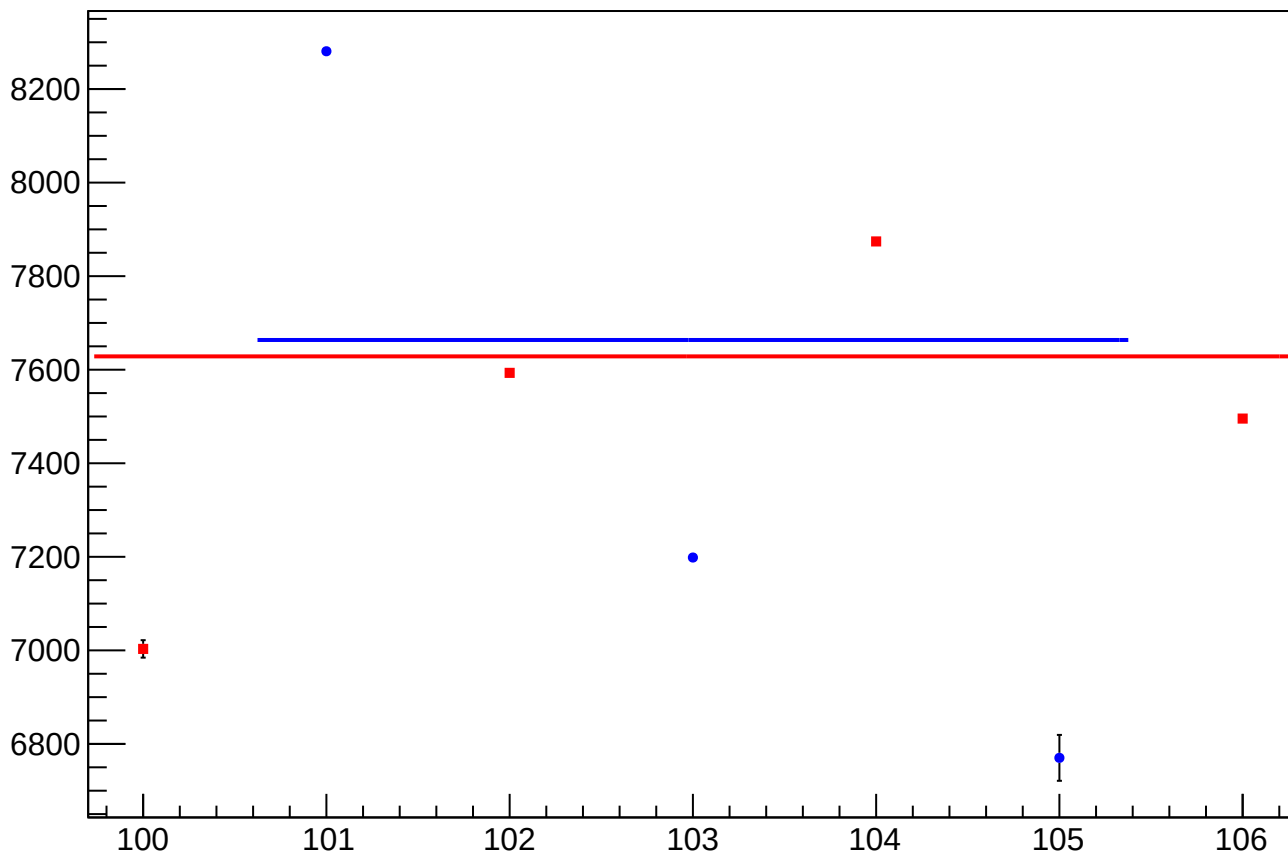
Right Out: 14.466+/-6.489 χ^2/NDF : 3.4/3

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

-6.672+/-7.134 χ^2/NDF : 1.3/2

14.466+/-6.489 χ^2/NDF : 3.4/3

diff_bpm4acY_rms vs slug



Right In: 7663.553 $\pm$ 5.044 χ^2 /NDF: 11551.5/2

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

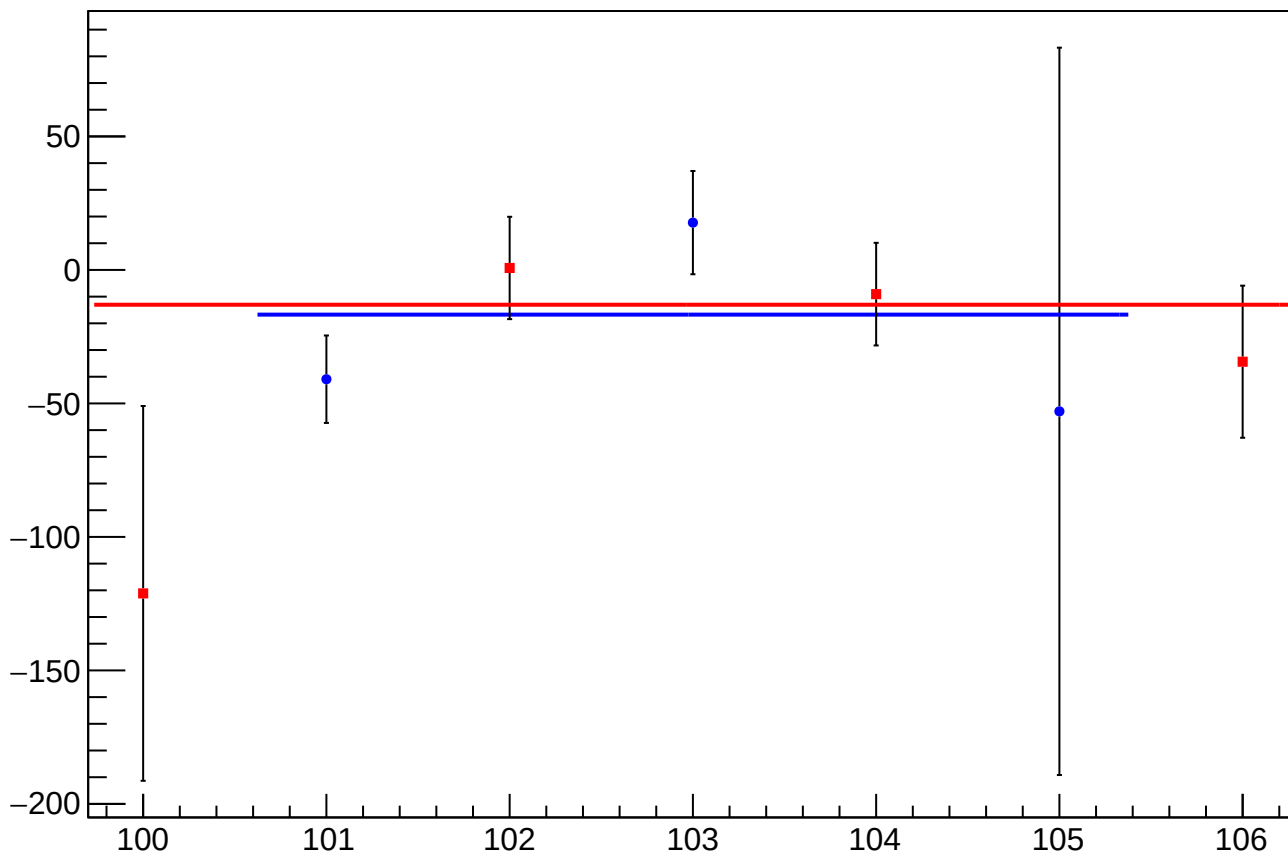
Right Out: 7628.501 $\pm$ 4.588 χ^2 /NDF: 2266.4/3

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

7663.553 $\pm$ 5.044 χ^2 /NDF: 11551.5/2

7628.501 $\pm$ 4.588 χ^2 /NDF: 2266.4/3

diff_bpm4ecX_mean vs slug



Right In: -16.741 $\pm$ 12.445 χ^2 /NDF: 5.4/2

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

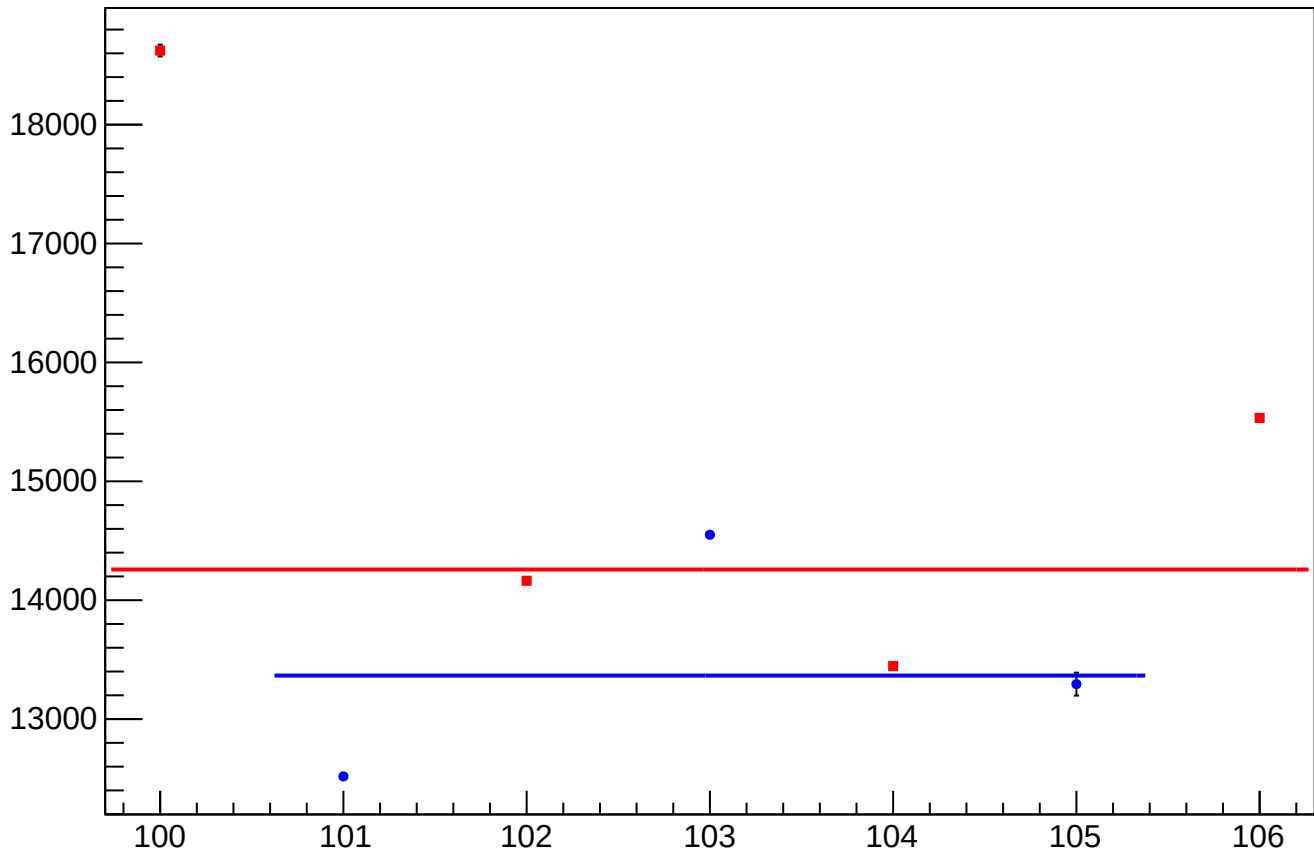
Right Out: -13.036 $\pm$ 12.069 χ^2 /NDF: 3.5/3

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

-16.741 $\pm$ 12.445 χ^2 /NDF: 5.4/2

-13.036 $\pm$ 12.069 χ^2 /NDF: 3.5/3

diff_bpm4ecX_rms vs slug



Right In: 13366.008 $\pm$ 8.800 χ^2 /NDF: 12868.3/2

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

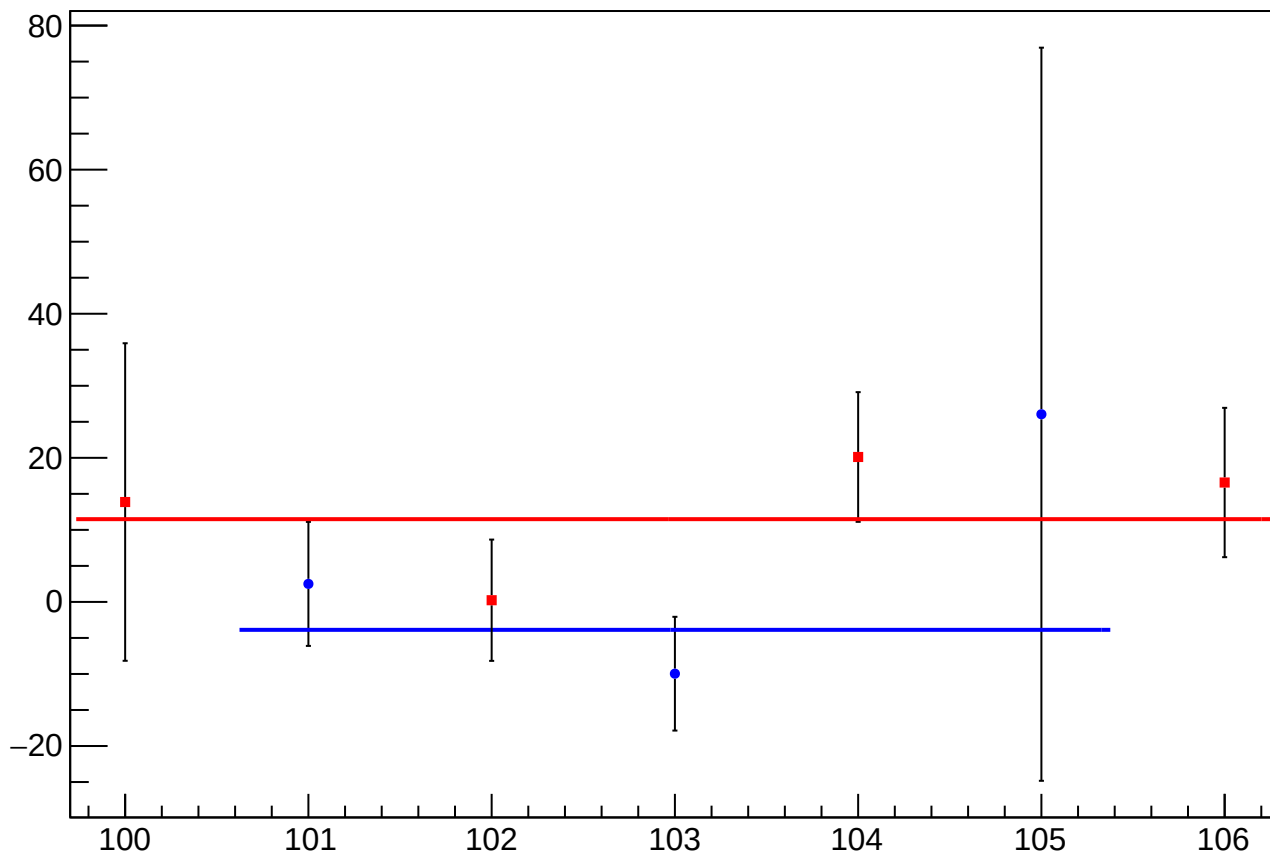
13366.008 $\pm$ 8.800 χ^2 /NDF: 12868.3/2

Right Out: 14258.165 $\pm$ 8.534 χ^2 /NDF: 15361.8/3

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

14258.165 $\pm$ 8.534 χ^2 /NDF: 15361.8/3

diff_bpm4ecY_mean vs slug



Right In: -3.876+/-5.781 χ^2/NDF : 1.5/2

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

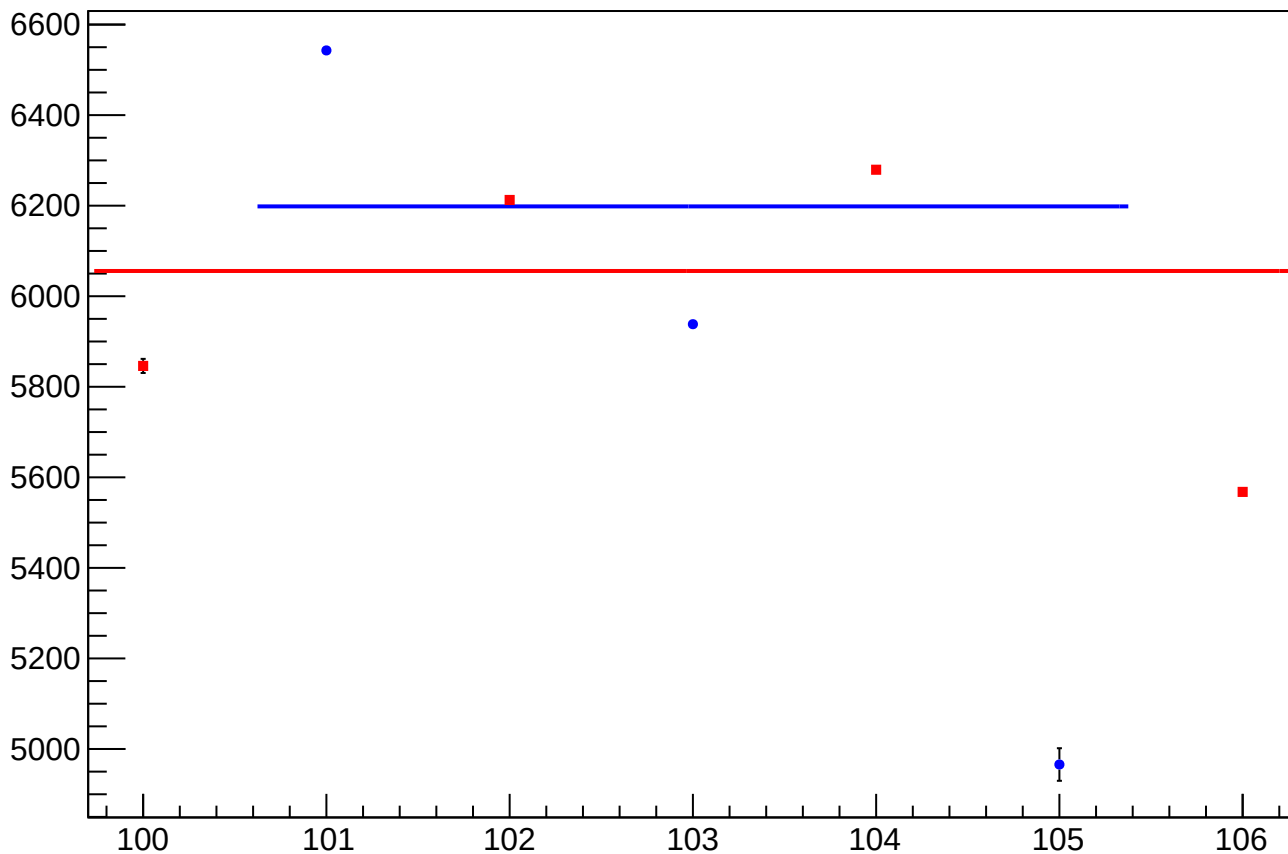
Right Out: 11.487+/-5.142 χ^2/NDF : 3.0/3

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

-3.876+/-5.781 χ^2/NDF : 1.5/2

11.487+/-5.142 χ^2/NDF : 3.0/3

diff_bpm4ecY_rms vs slug



Right In: 6198.401 $\pm$ 4.087 χ^2 /NDF: 6549.1/2

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

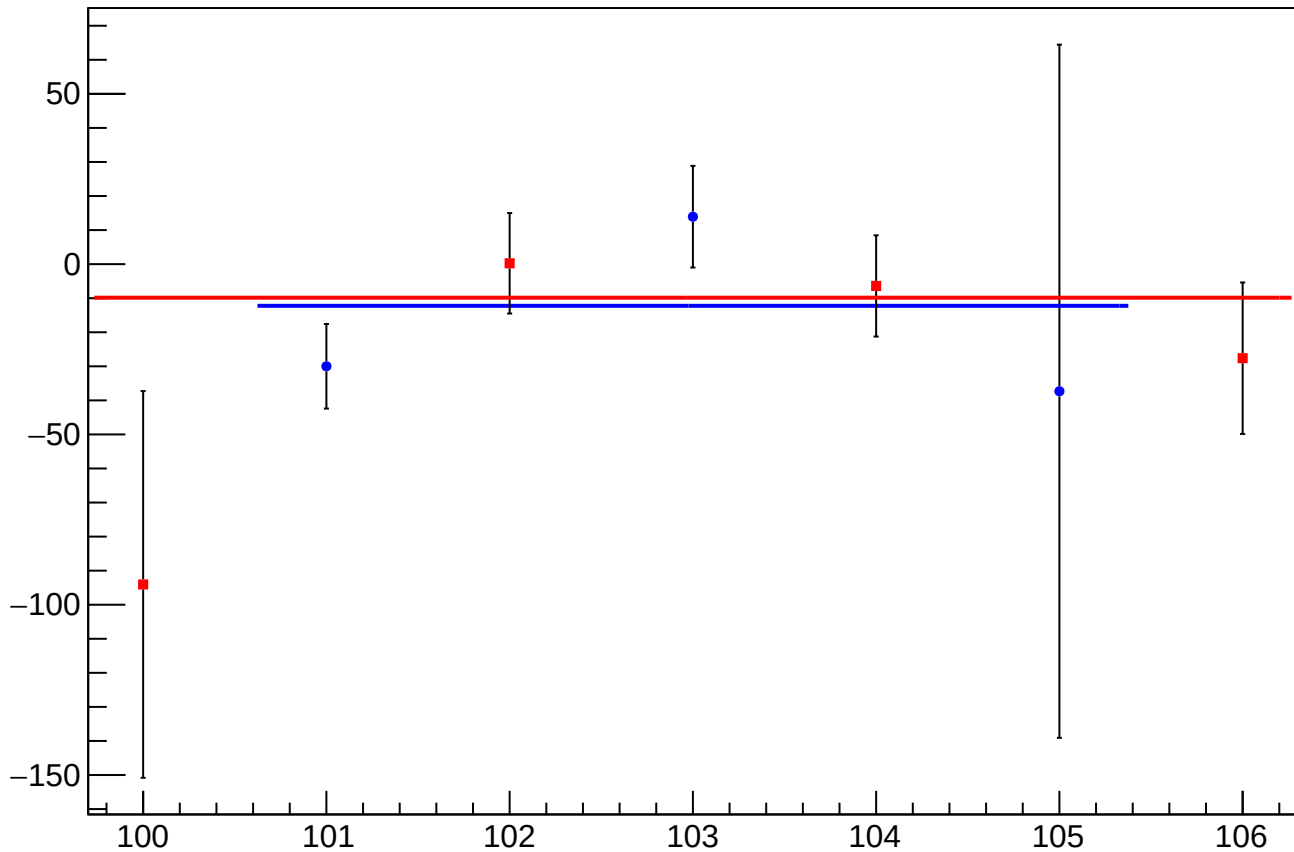
Right Out: 6055.749 $\pm$ 3.636 χ^2 /NDF: 6543.3/3

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

6198.401 $\pm$ 4.087 χ^2 /NDF: 6549.1/2

6055.749 $\pm$ 3.636 χ^2 /NDF: 6543.3/3

diff_bpm1X_mean vs slug



Right In: -12.236 $\pm$ 9.505 χ^2 /NDF: 5.2/2

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

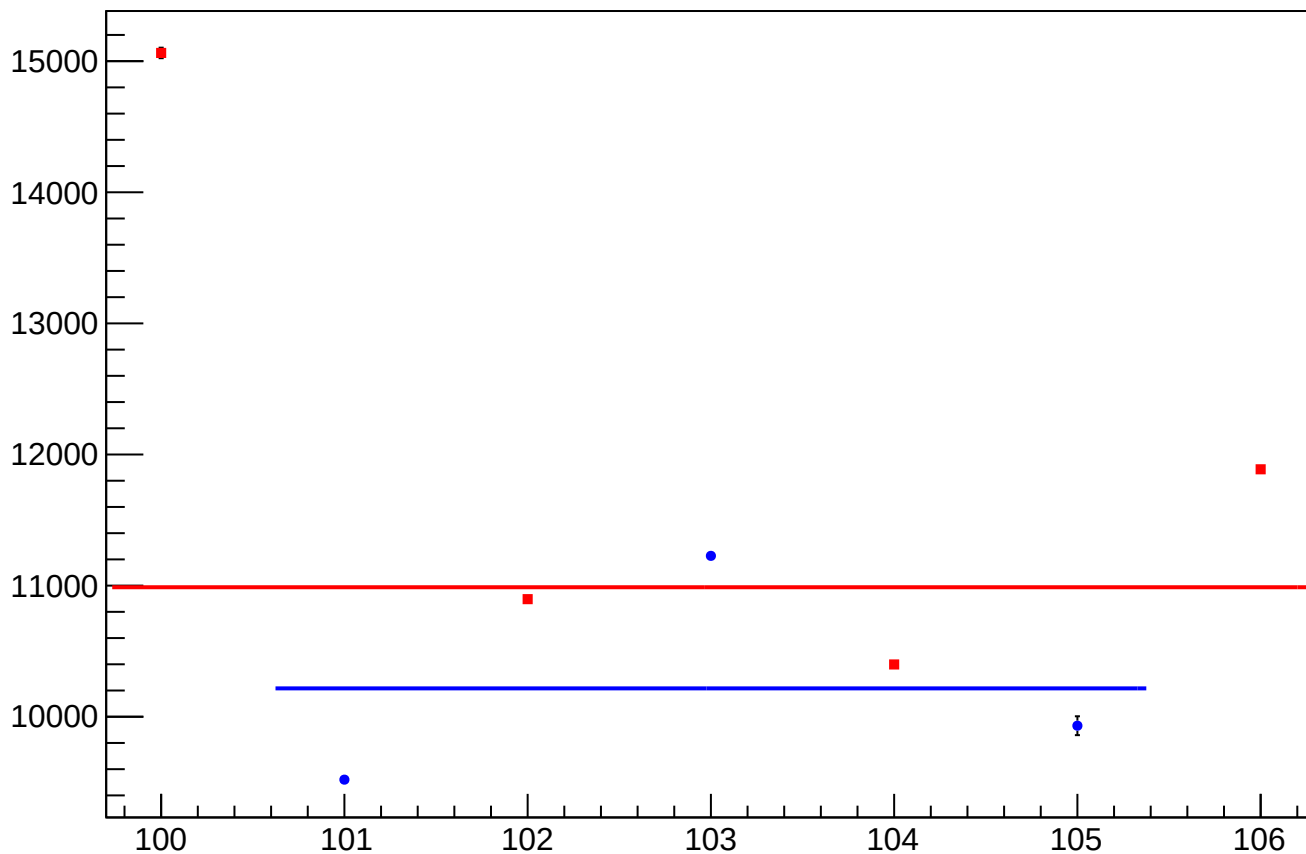
Right Out: -9.850 $\pm$ 9.343 χ^2 /NDF: 3.4/3

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

-12.236 $\pm$ 9.505 χ^2 /NDF: 5.2/2

-9.850 $\pm$ 9.343 χ^2 /NDF: 3.4/3

diff_bpm1X_rms vs slug



Right In: 10216.266+/-6.721 χ^2/NDF : 15473.3/2

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

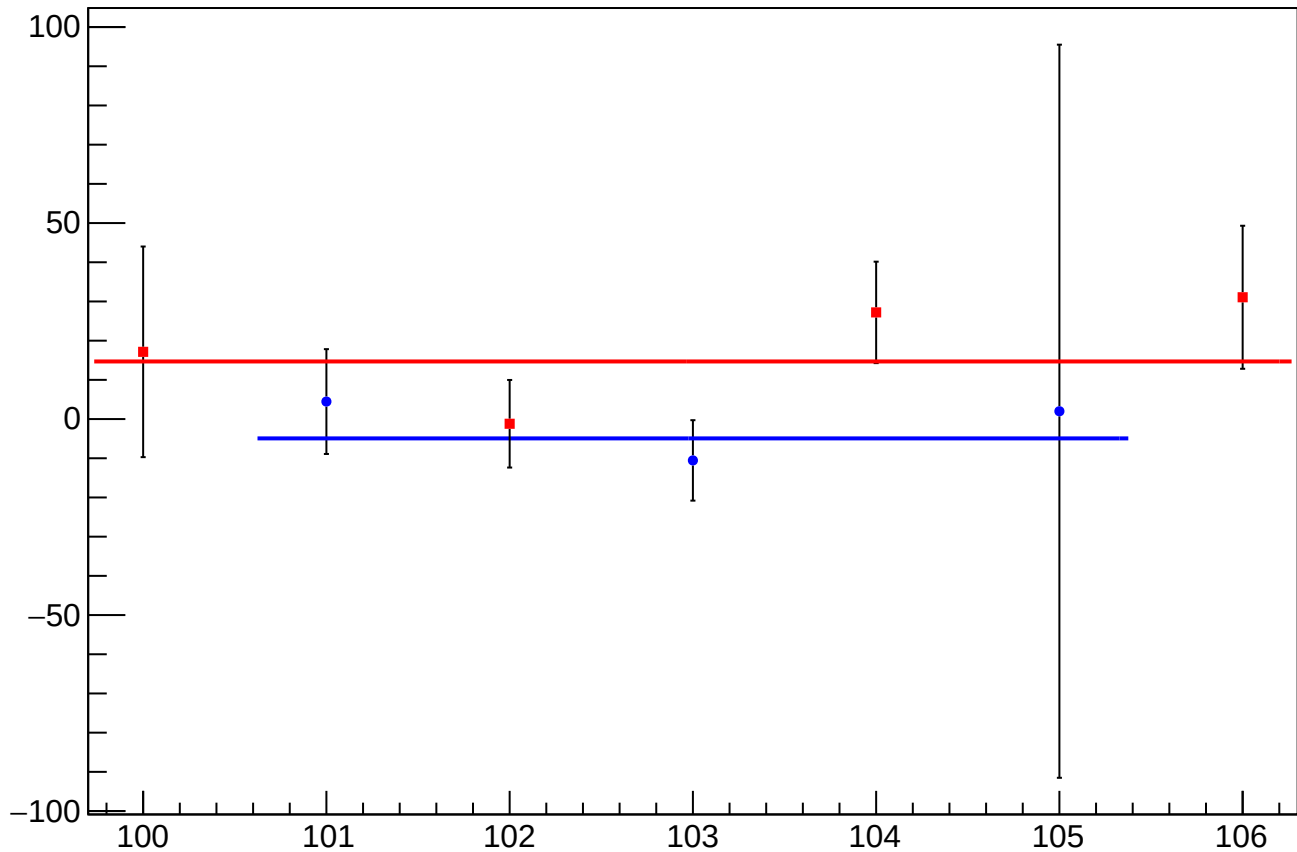
Right Out: 10987.626+/-6.607 χ^2/NDF : 16792.0/3

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

10216.266+/-6.721 χ^2/NDF : 15473.3/2

10987.626+/-6.607 χ^2/NDF : 16792.0/3

diff_bpm1Y_mean vs slug



Right In: -4.932+/-8.110 χ^2/NDF : 0.8/2

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

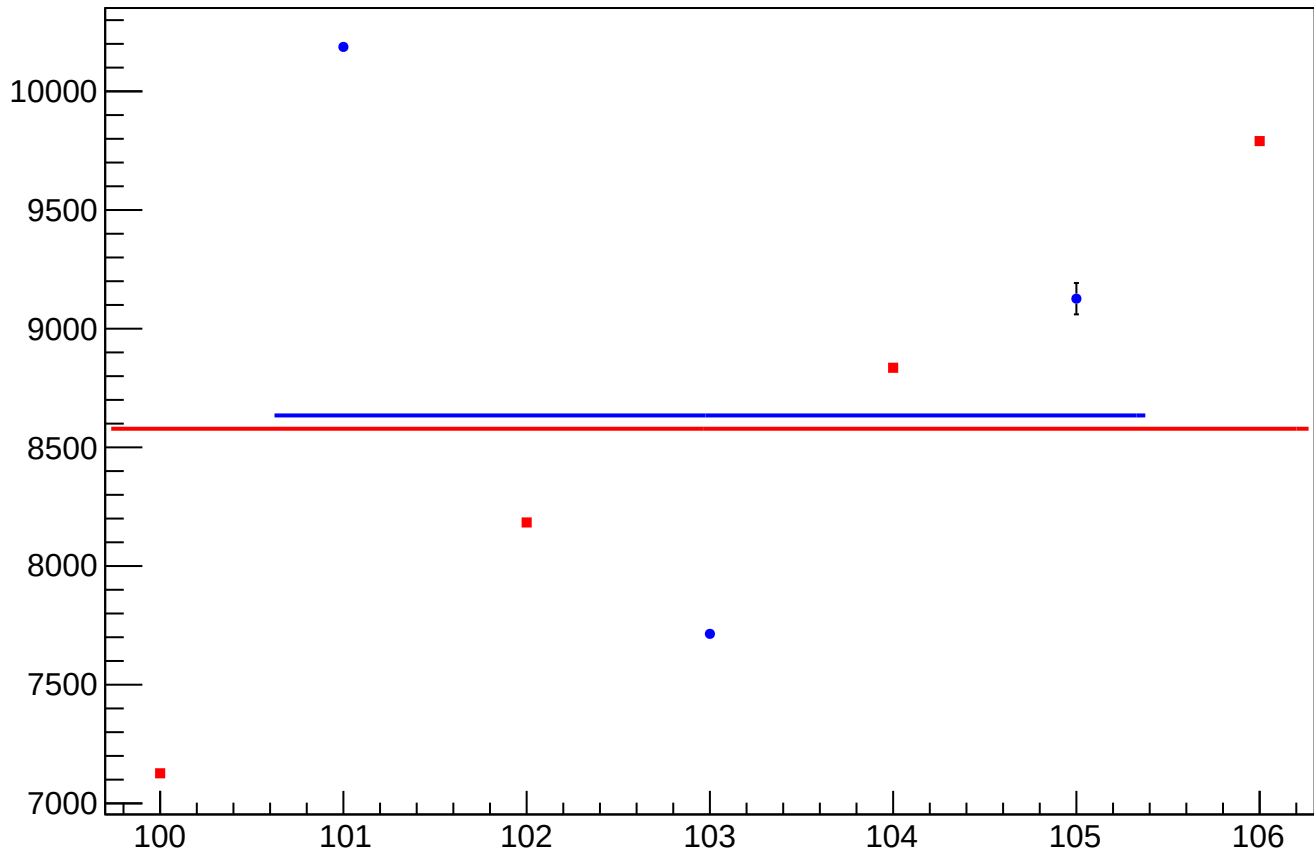
Right Out: 14.696+/-7.377 χ^2/NDF : 3.8/3

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

-4.932+/-8.110 χ^2/NDF : 0.8/2

14.696+/-7.377 χ^2/NDF : 3.8/3

diff_bpm1Y_rms vs slug



Right In: 8634.470 $\pm$ 5.735 χ^2 /NDF: 43105.1/2

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

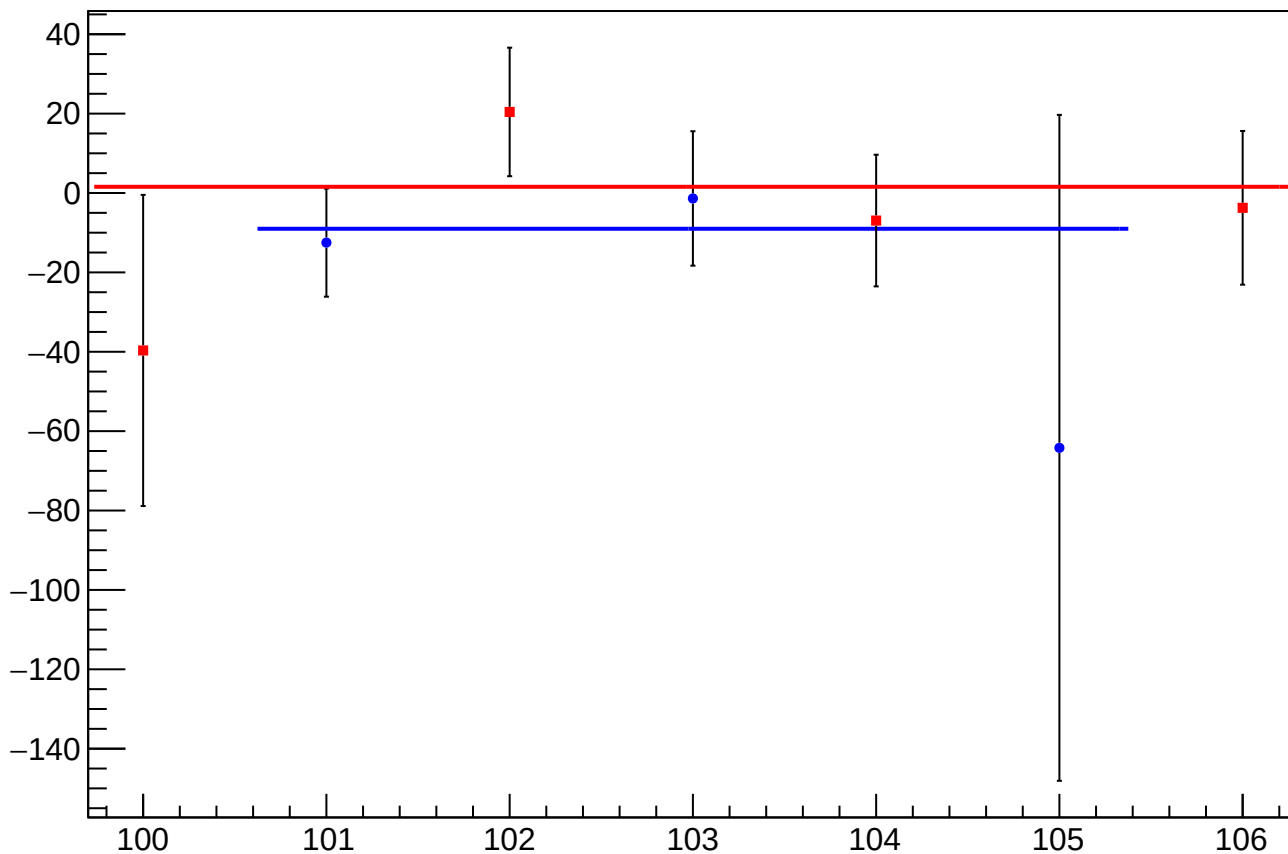
Right Out: 8578.460 $\pm$ 5.216 χ^2 /NDF: 17951.6/3

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

8634.470 $\pm$ 5.735 χ^2 /NDF: 43105.1/2

8578.460 $\pm$ 5.216 χ^2 /NDF: 17951.6/3

diff_bpm11X_mean vs slug



Right In: -9.010+/-10.530 χ^2/NDF : 0.7/2

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

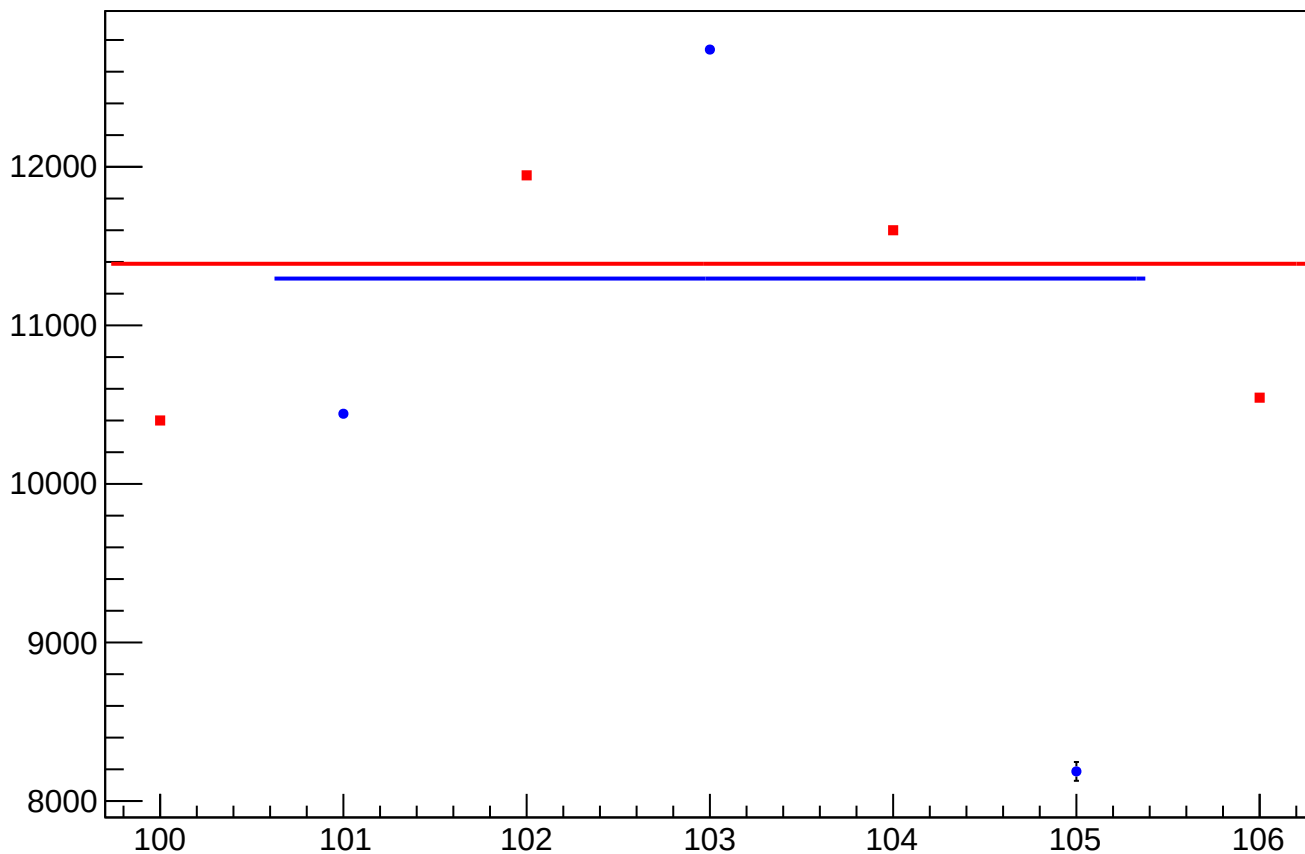
Right Out: 1.567+/-9.637 χ^2/NDF : 2.8/3

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

-9.010+/-10.530 χ^2/NDF : 0.7/2

1.567+/-9.637 χ^2/NDF : 2.8/3

diff_bpm11X_rms vs slug



Right In: 11295.279+/-7.446 χ^2/NDF : 25131.5/2

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

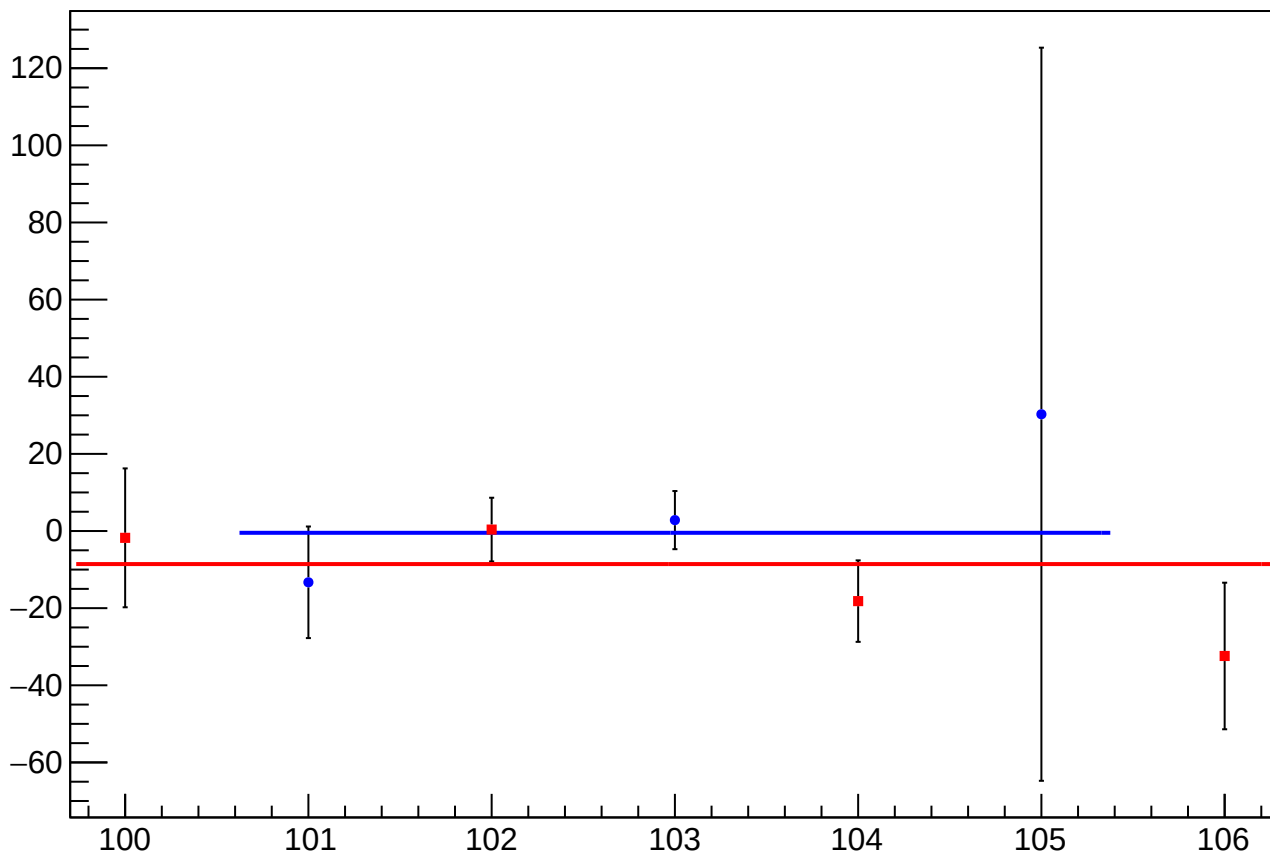
Right Out: 11388.524+/-6.815 χ^2/NDF : 7774.1/3

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

11295.279+/-7.446 χ^2/NDF : 25131.5/2

11388.524+/-6.815 χ^2/NDF : 7774.1/3

diff_bpm11Y_mean vs slug



Right In: -0.462 $\pm$ 6.669 χ^2 /NDF: 1.1/2

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

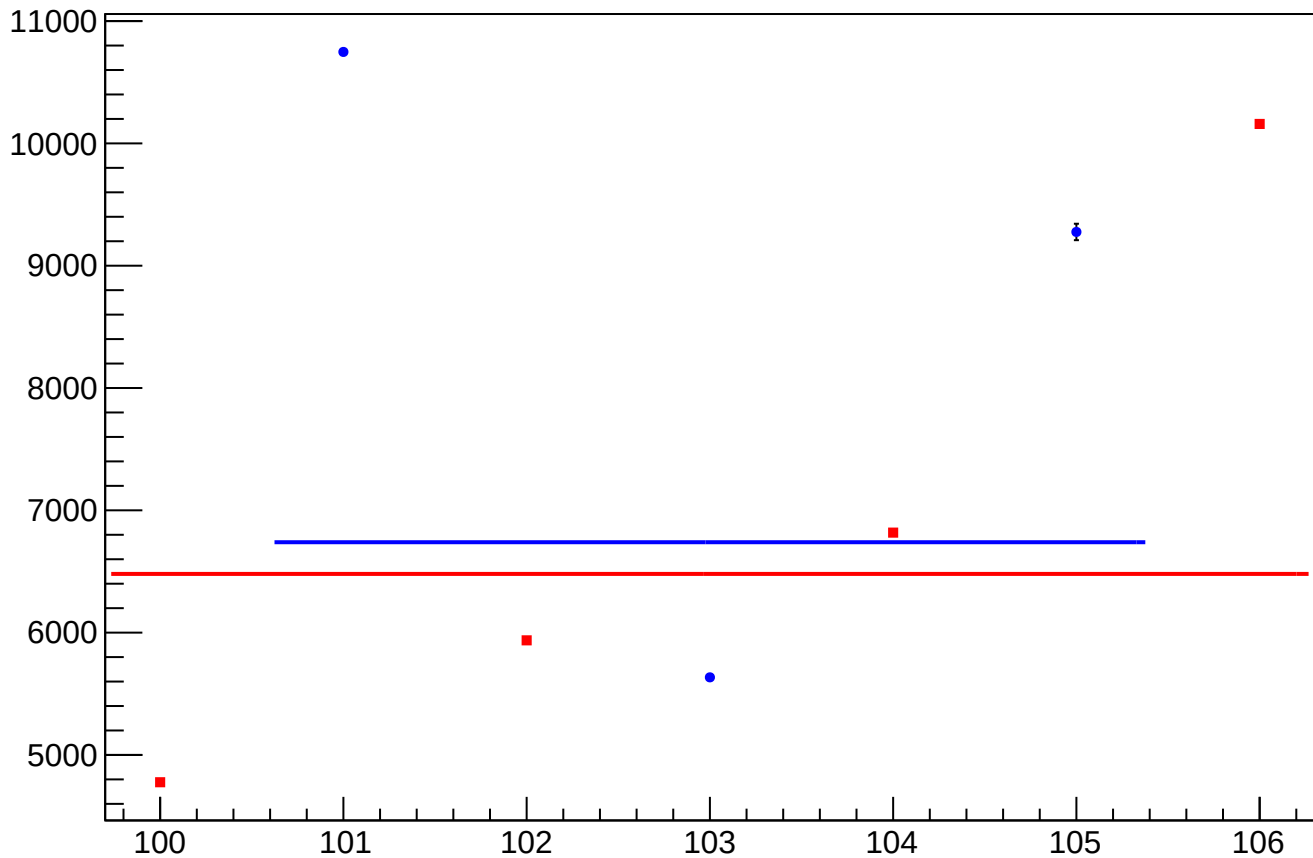
Right Out: -8.571 $\pm$ 5.824 χ^2 /NDF: 3.7/3

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

-0.462 $\pm$ 6.669 χ^2 /NDF: 1.1/2

-8.571 $\pm$ 5.824 χ^2 /NDF: 3.7/3

diff_bpm11Y_rms vs slug



Right In: 6739.125+/-4.716 χ^2/NDF : 197955.1/2

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

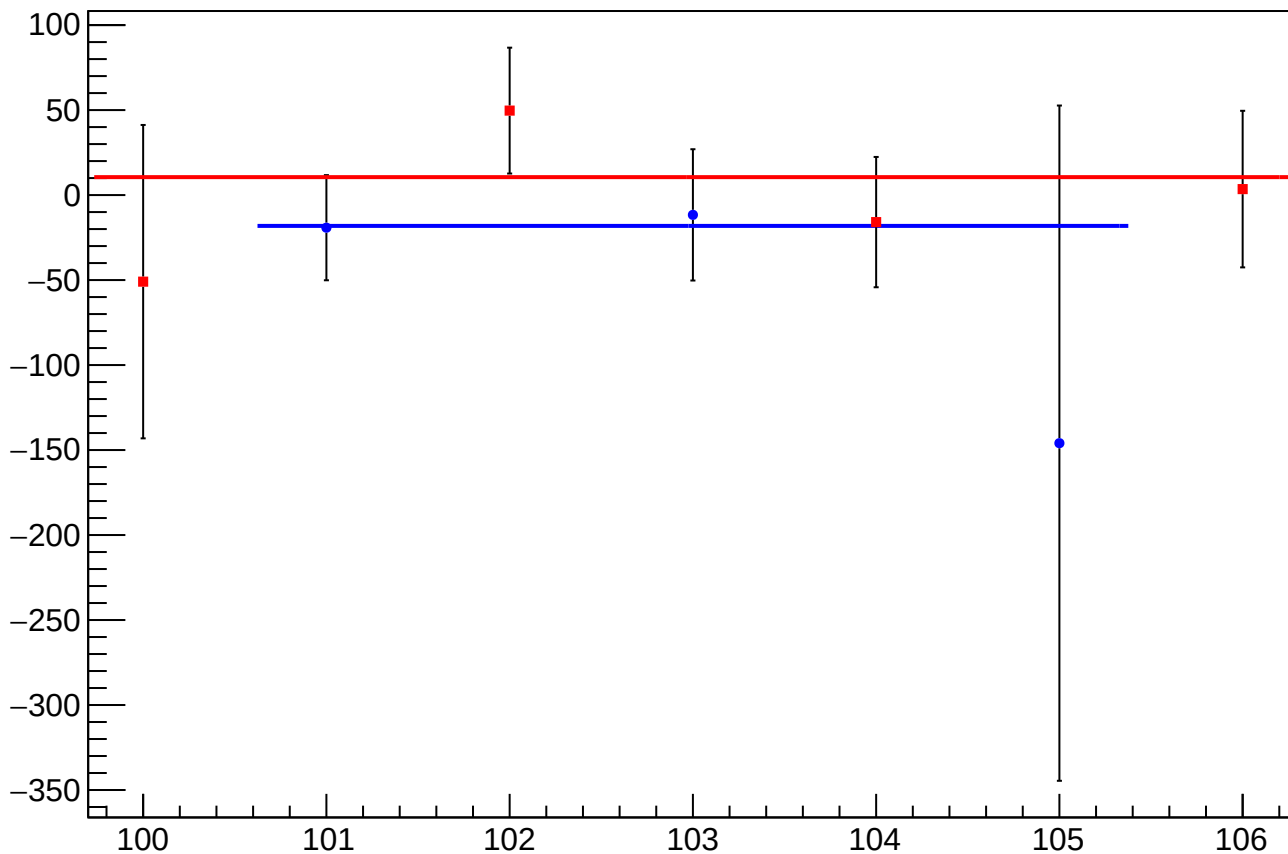
6739.125+/-4.716 χ^2/NDF : 197955.1/2

Right Out: 6480.052+/-4.119 χ^2/NDF : 103562.6/3

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

6480.052+/-4.119 χ^2/NDF : 103562.6/3

diff_bpm12X_mean vs slug



Right In: -18.137 ± 23.965 χ^2/NDF : 0.4/2

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

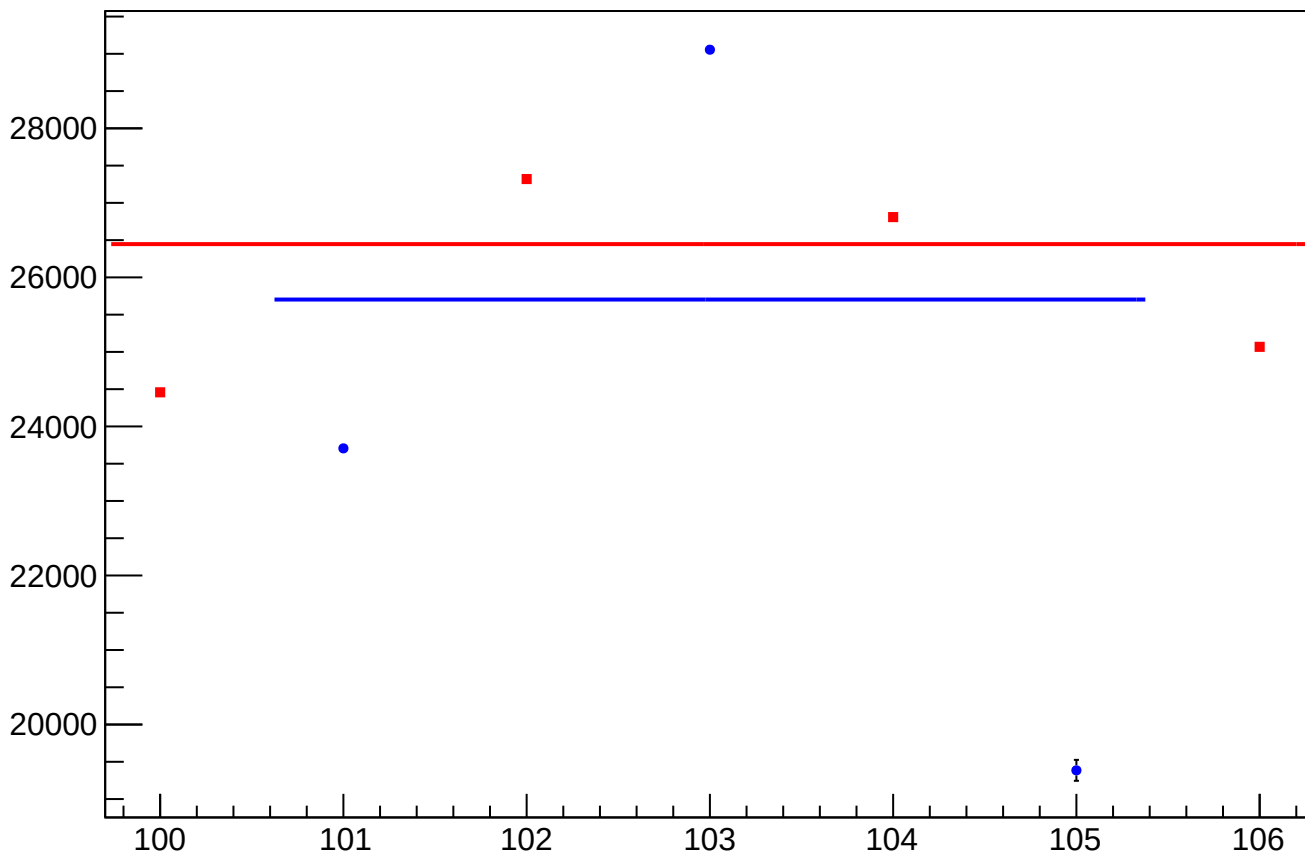
Right Out: 10.551 ± 22.365 χ^2/NDF : 2.1/3

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

-18.137 ± 23.965 χ^2/NDF : 0.4/2

10.551 ± 22.365 χ^2/NDF : 2.1/3

diff_bpm12X_rms vs slug



Right In: 25702.728 $\pm$ 16.946 χ^2 /NDF: 25430.1/2

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

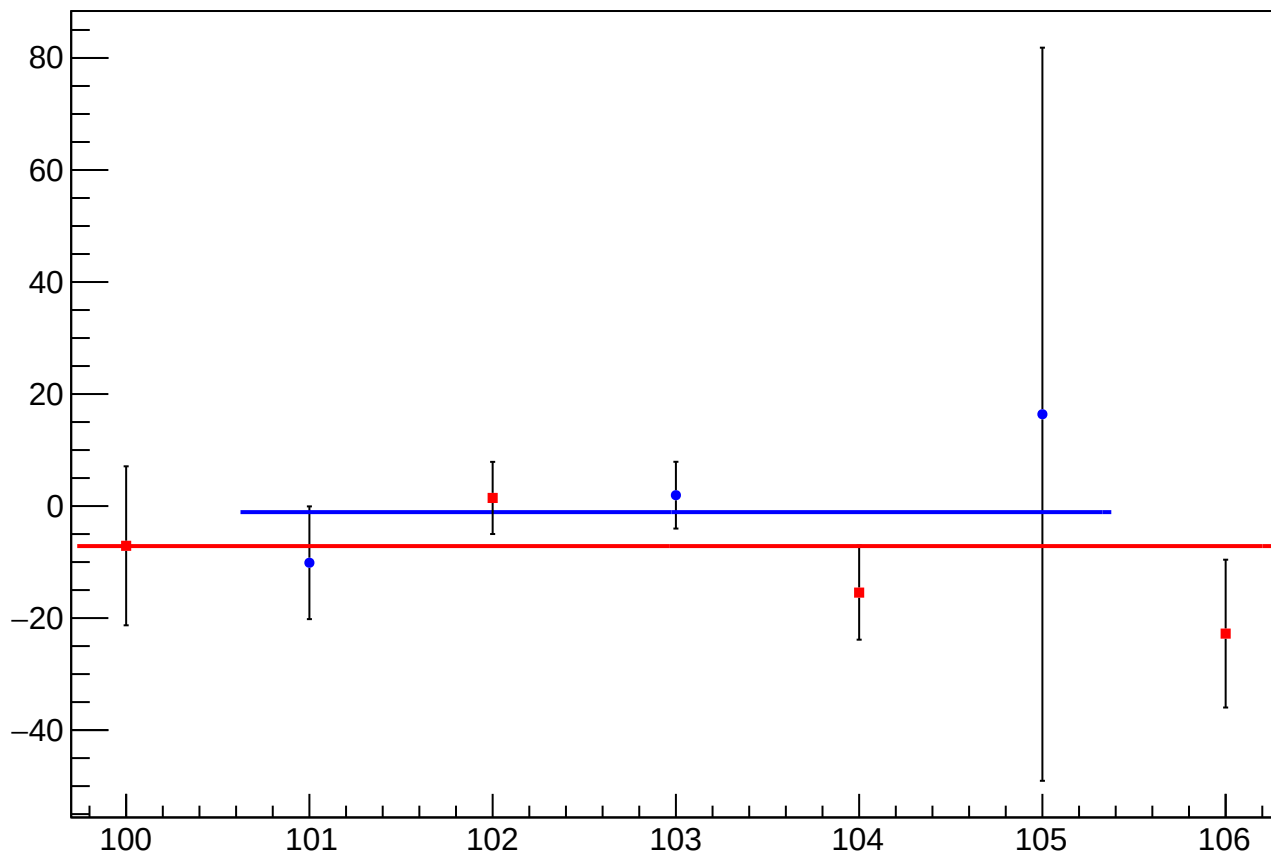
Right Out: 26446.566 $\pm$ 15.814 χ^2 /NDF: 4013.8/3

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

25702.728 $\pm$ 16.946 χ^2 /NDF: 25430.1/2

26446.566 $\pm$ 15.814 χ^2 /NDF: 4013.8/3

diff_bpm12Y_mean vs slug



Right In: -1.084+/-5.113 χ^2/NDF : 1.1/2

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

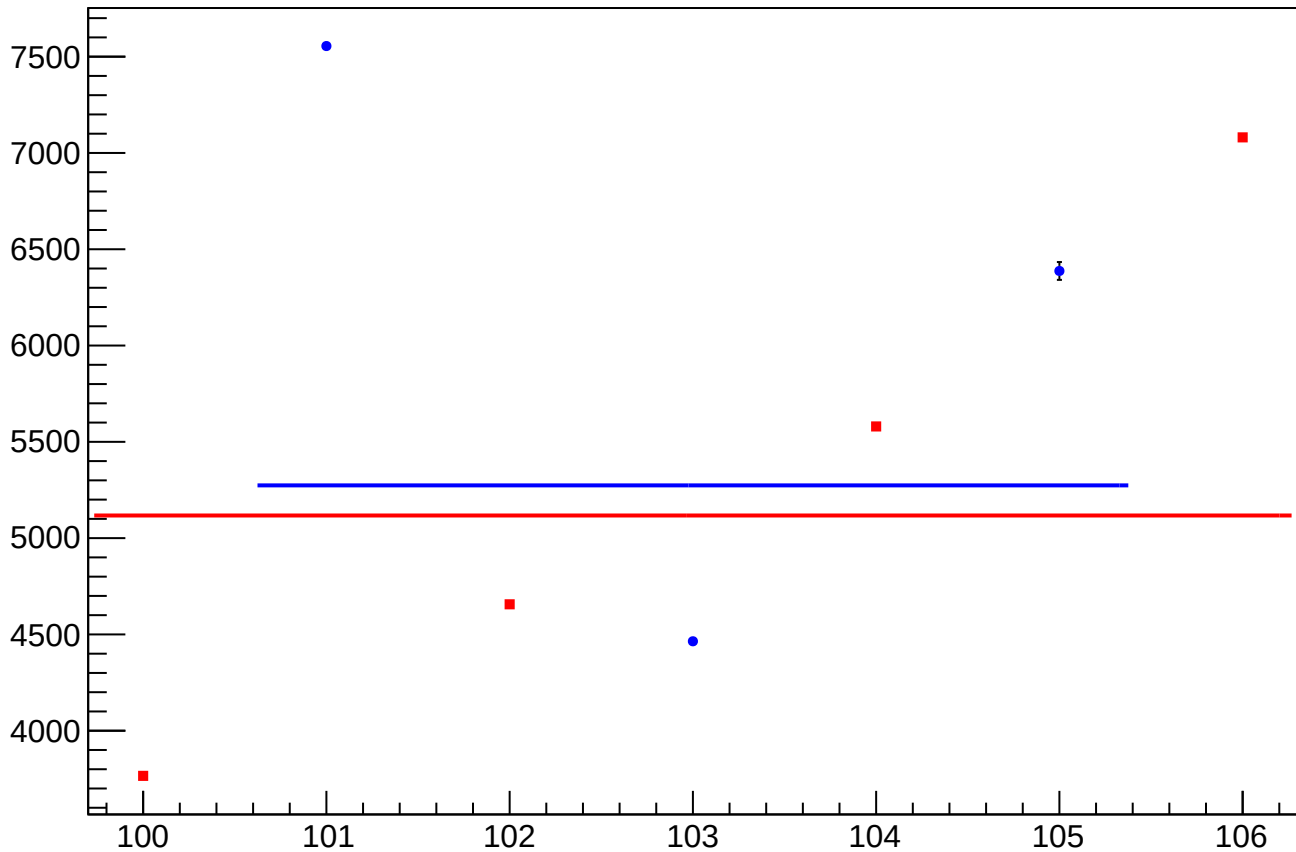
Right Out: -7.146+/-4.519 χ^2/NDF : 4.2/3

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

-1.084+/-5.113 χ^2/NDF : 1.1/2

-7.146+/-4.519 χ^2/NDF : 4.2/3

diff_bpm12Y_rms vs slug



Right In: 5273.921+/-3.616 χ^2/NDF : 140201.3/2

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

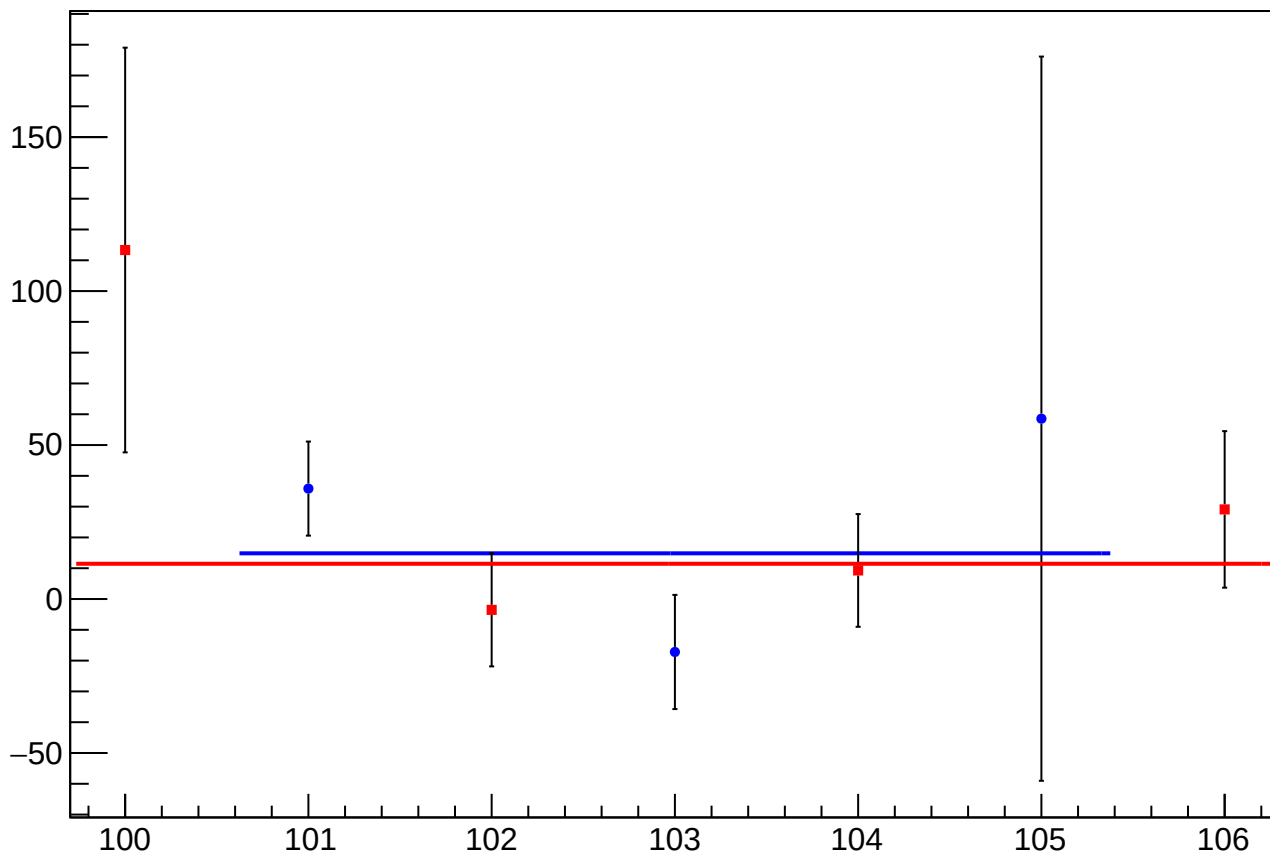
5273.921+/-3.616 χ^2/NDF : 140201.3/2

Right Out: 5117.554+/-3.196 χ^2/NDF : 78724.1/3

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

5117.554+/-3.196 χ^2/NDF : 78724.1/3

diff_bpm16X_mean vs slug



Right In: 14.843 $\pm$ 11.729 χ^2 /NDF: 5.0/2

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

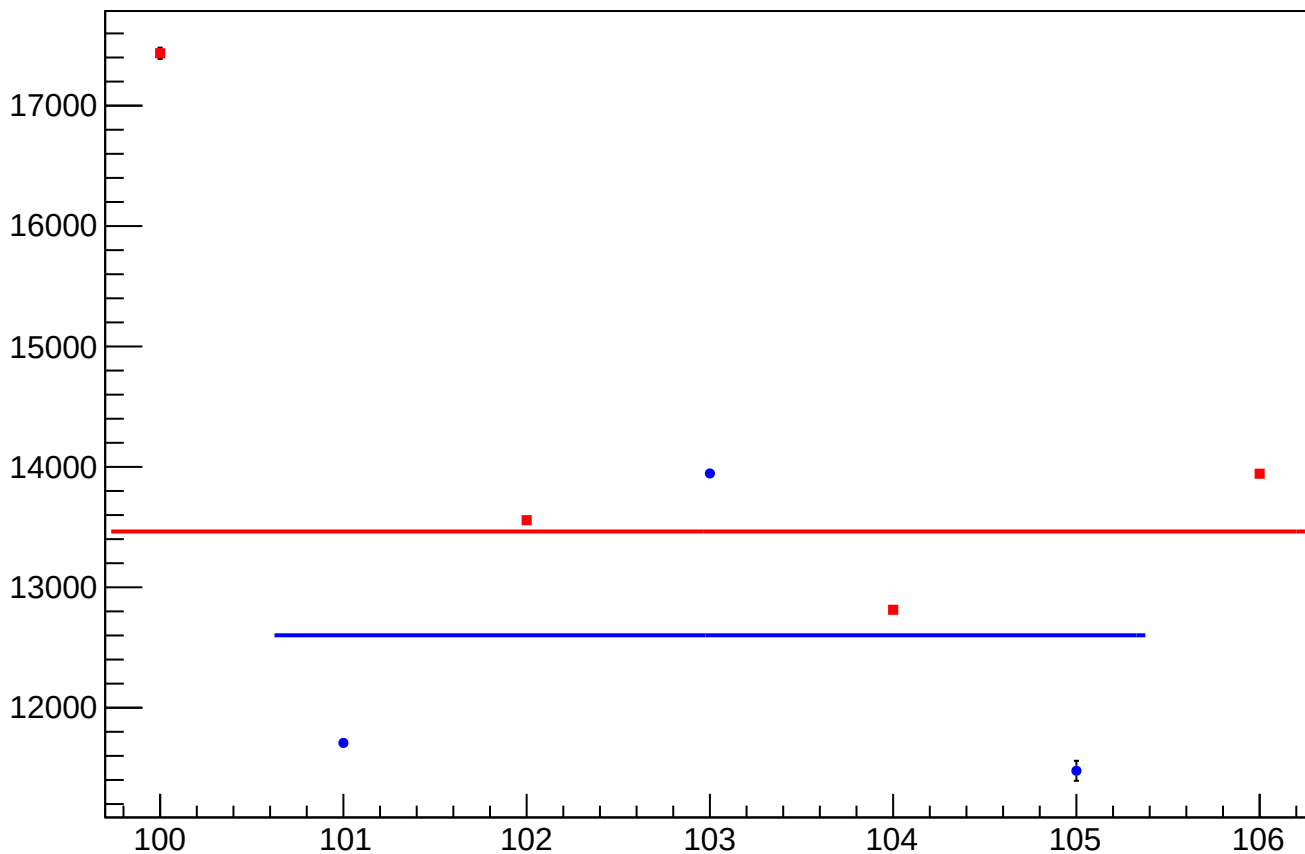
Right Out: 11.448 $\pm$ 11.371 χ^2 /NDF: 3.6/3

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

14.843 $\pm$ 11.729 χ^2 /NDF: 5.0/2

11.448 $\pm$ 11.371 χ^2 /NDF: 3.6/3

diff_bpm16X_rms vs slug



Right In: 12601.502 $\pm$ 8.294 χ^2 /NDF: 17544.3/2

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

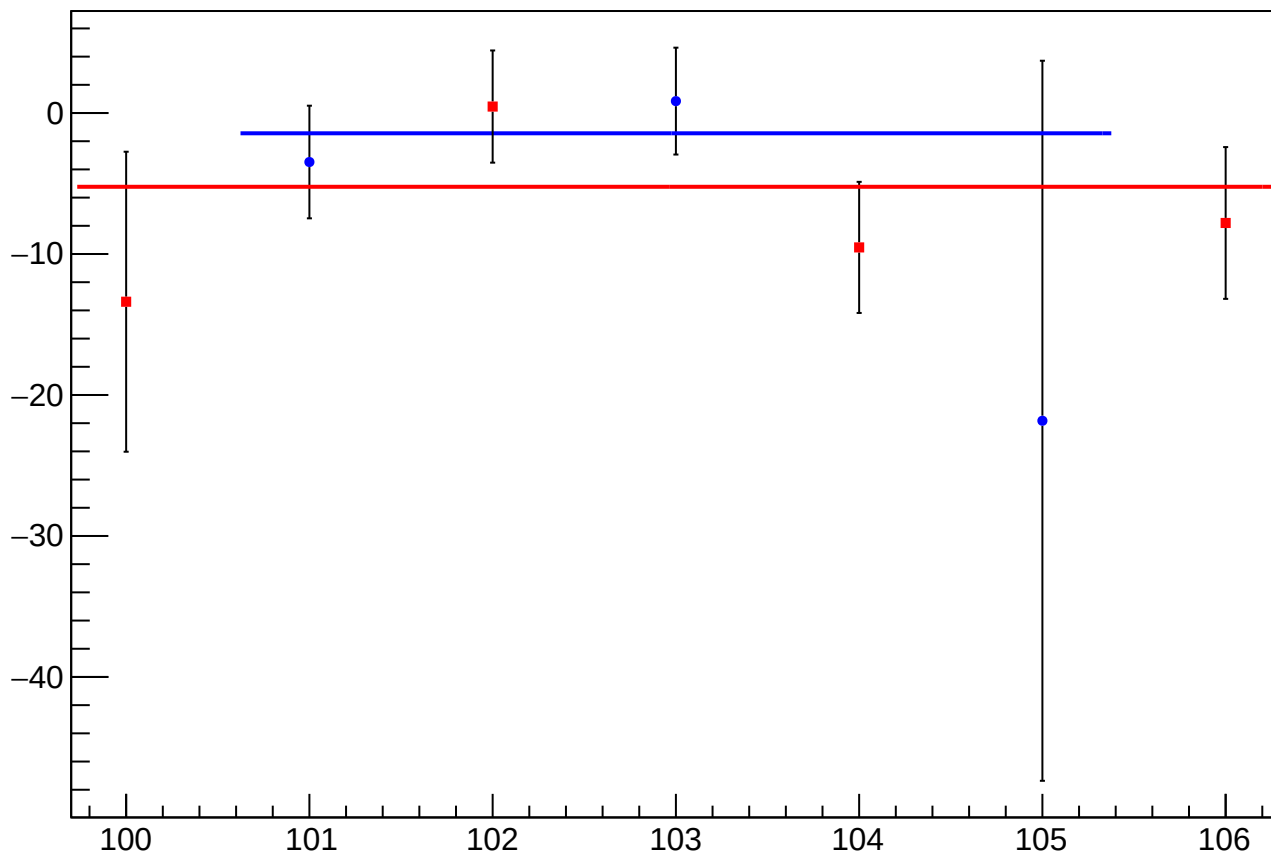
Right Out: 13463.573 $\pm$ 8.041 χ^2 /NDF: 10594.1/3

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

12601.502 $\pm$ 8.294 χ^2 /NDF: 17544.3/2

13463.573 $\pm$ 8.041 χ^2 /NDF: 10594.1/3

diff_bpm16Y_mean vs slug



Right In: -1.438+/-2.734 χ^2/NDF : 1.3/2

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

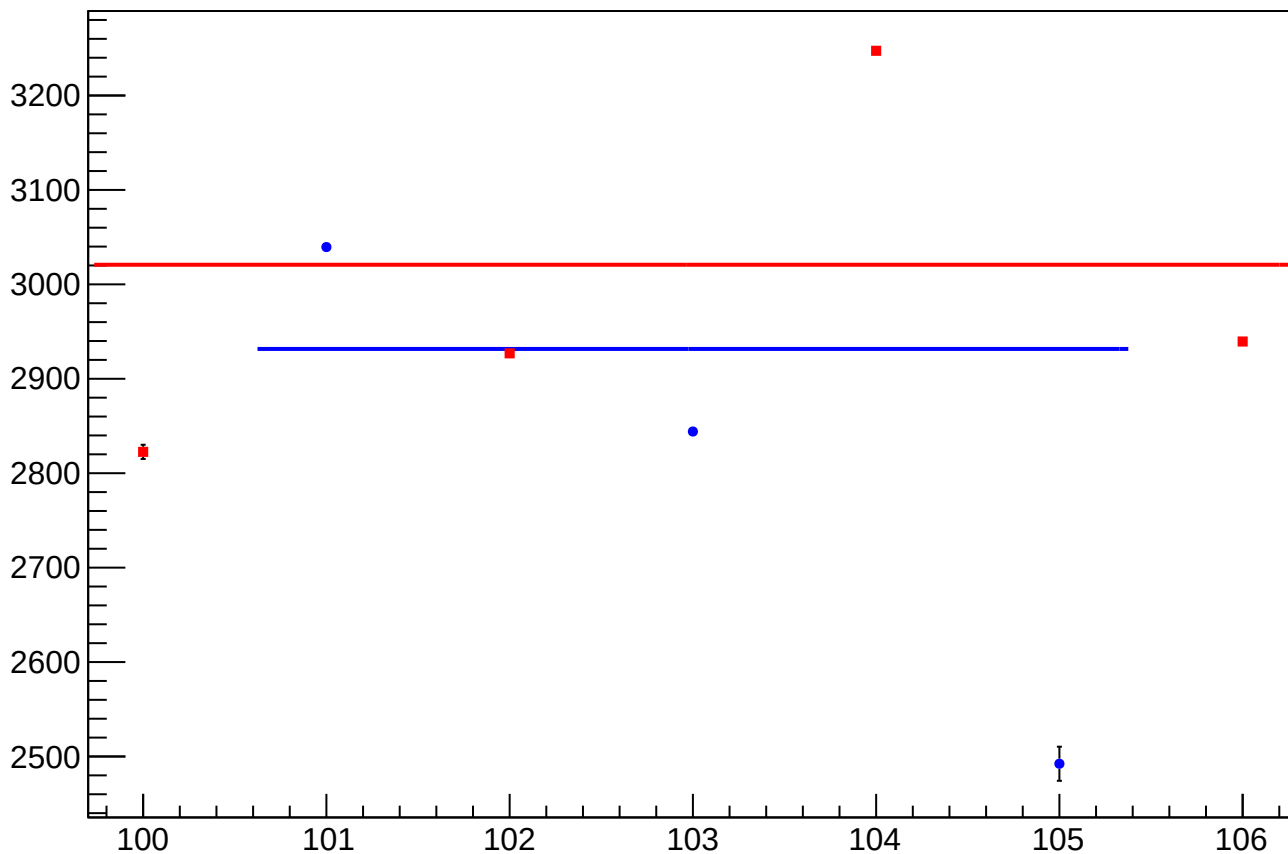
Right Out: -5.232+/-2.558 χ^2/NDF : 3.7/3

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

-1.438+/-2.734 χ^2/NDF : 1.3/2

-5.232+/-2.558 χ^2/NDF : 3.7/3

diff_bpm16Y_rms vs slug



Right In: 2931.603 $\pm$ 1.933 χ^2 /NDF: 3115.5/2

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

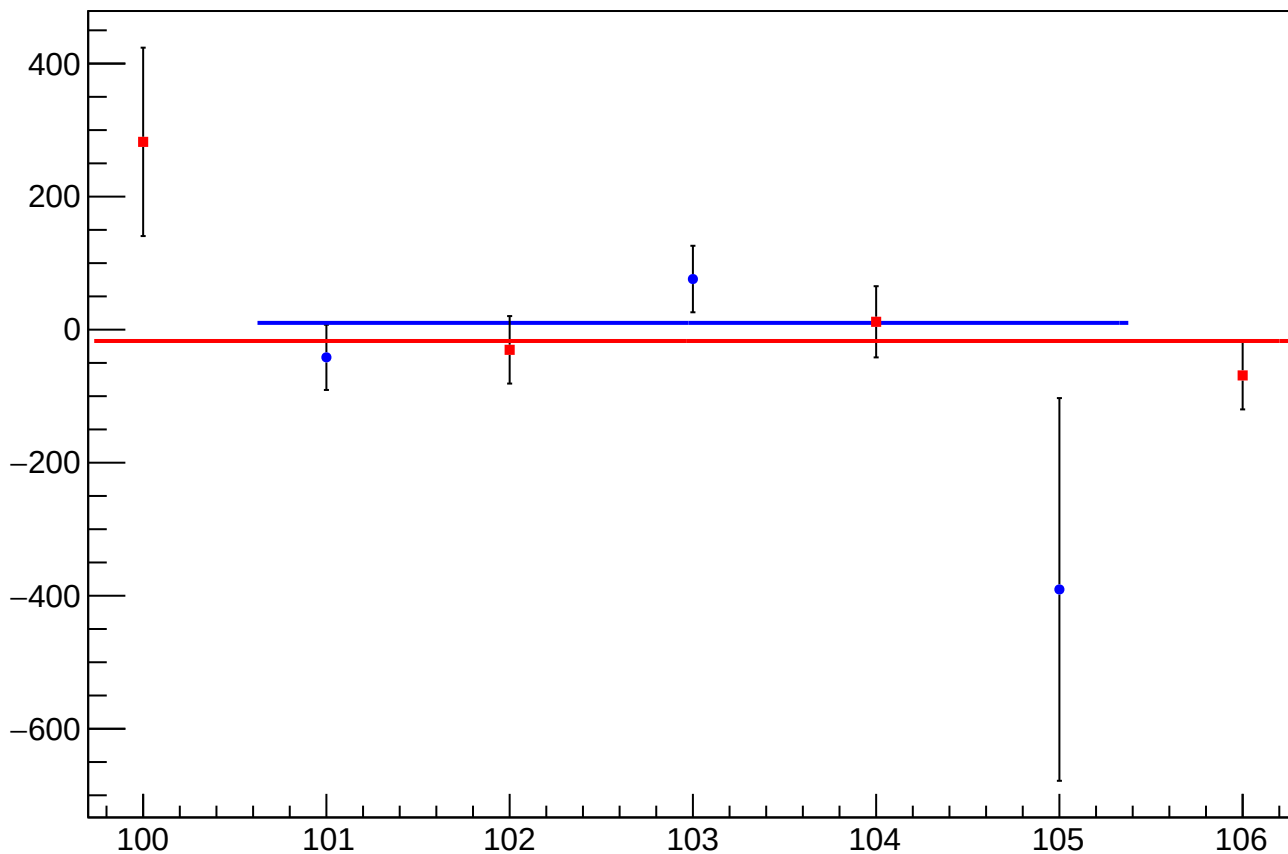
Right Out: 3020.756 $\pm$ 1.809 χ^2 /NDF: 7011.6/3

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

2931.603 $\pm$ 1.933 χ^2 /NDF: 3115.5/2

3020.756 $\pm$ 1.809 χ^2 /NDF: 7011.6/3

diff_bpm1p02bX_mean vs slug



Right In: 10.190+/-34.754 χ^2 /NDF: 4.8/2

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

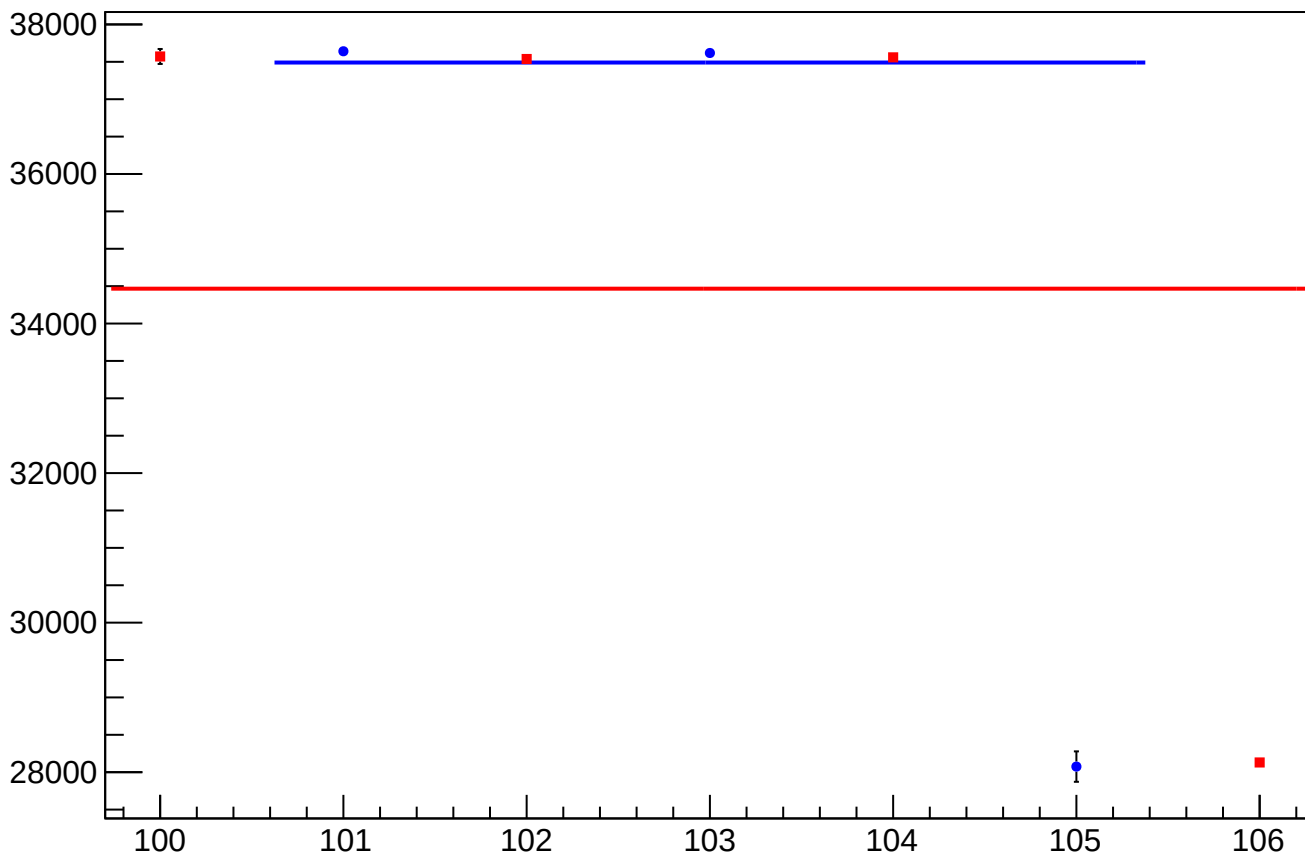
Right Out: -17.035+/-29.226 χ^2 /NDF: 5.9/3

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

10.190+/-34.754 χ^2 /NDF: 4.8/2

-17.035+/-29.226 χ^2 /NDF: 5.9/3

diff_bpm1p02bX_rms vs slug



Right In: 37490.546+/-24.575 χ^2/NDF : 2174.6/2

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

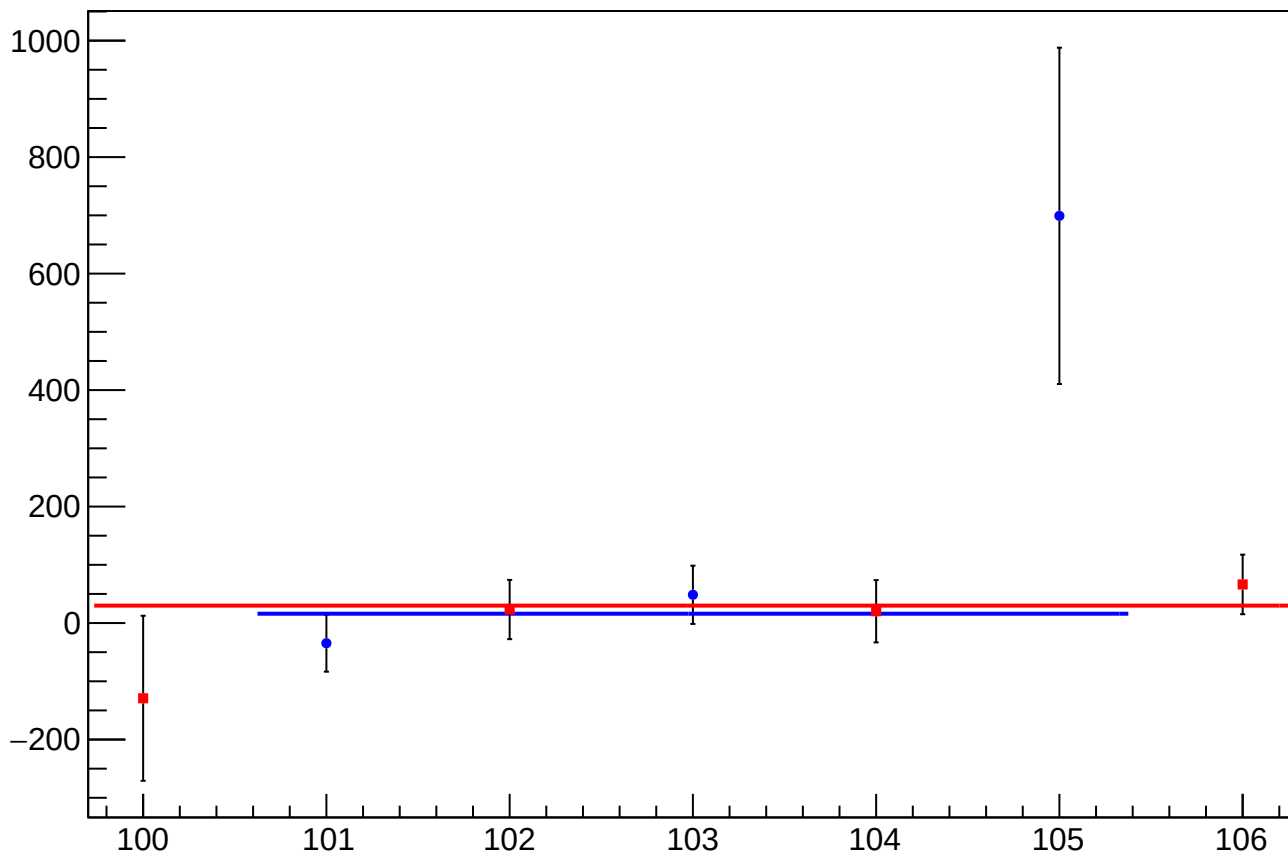
Right Out: 34466.222+/-20.666 χ^2/NDF : 45747.6/3

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

37490.546+/-24.575 χ^2/NDF : 2174.6/2

34466.222+/-20.666 χ^2/NDF : 45747.6/3

diff_bpm1p02bY_mean vs slug



Right In: 16.058+/-34.713 χ^2/NDF : 7.1/2

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

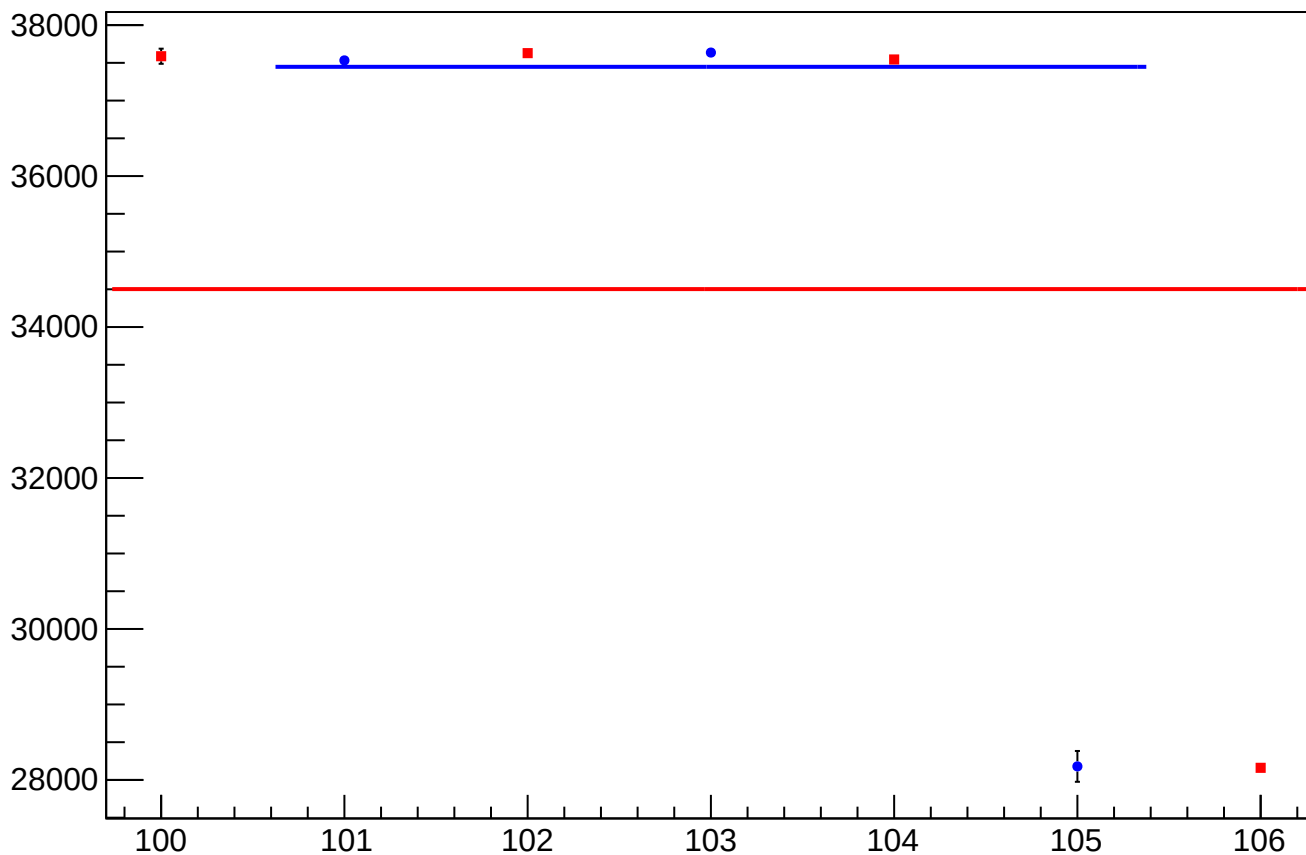
Right Out: 29.953+/-29.257 χ^2/NDF : 1.8/3

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

16.058+/-34.713 χ^2/NDF : 7.1/2

29.953+/-29.257 χ^2/NDF : 1.8/3

diff_bpm1p02bY_rms vs slug



Right In: 37447.321+/-24.546 χ^2/NDF : 2095.2/2

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

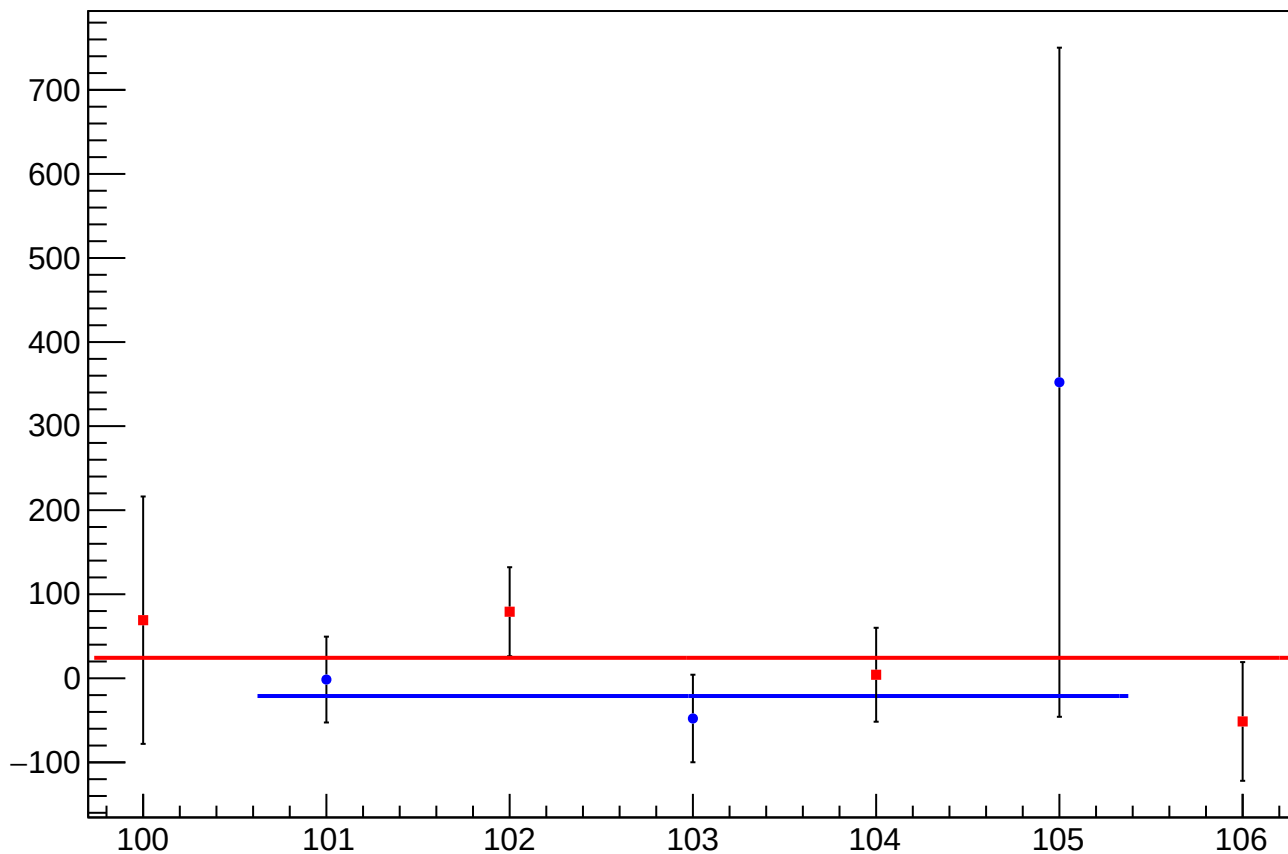
Right Out: 34502.608+/-20.688 χ^2/NDF : 45734.3/3

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

37447.321+/-24.546 χ^2/NDF : 2095.2/2

34502.608+/-20.688 χ^2/NDF : 45734.3/3

diff_bpm1p03aX_mean vs slug



Right In: -21.071+/-36.304 χ^2/NDF : 1.3/2

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

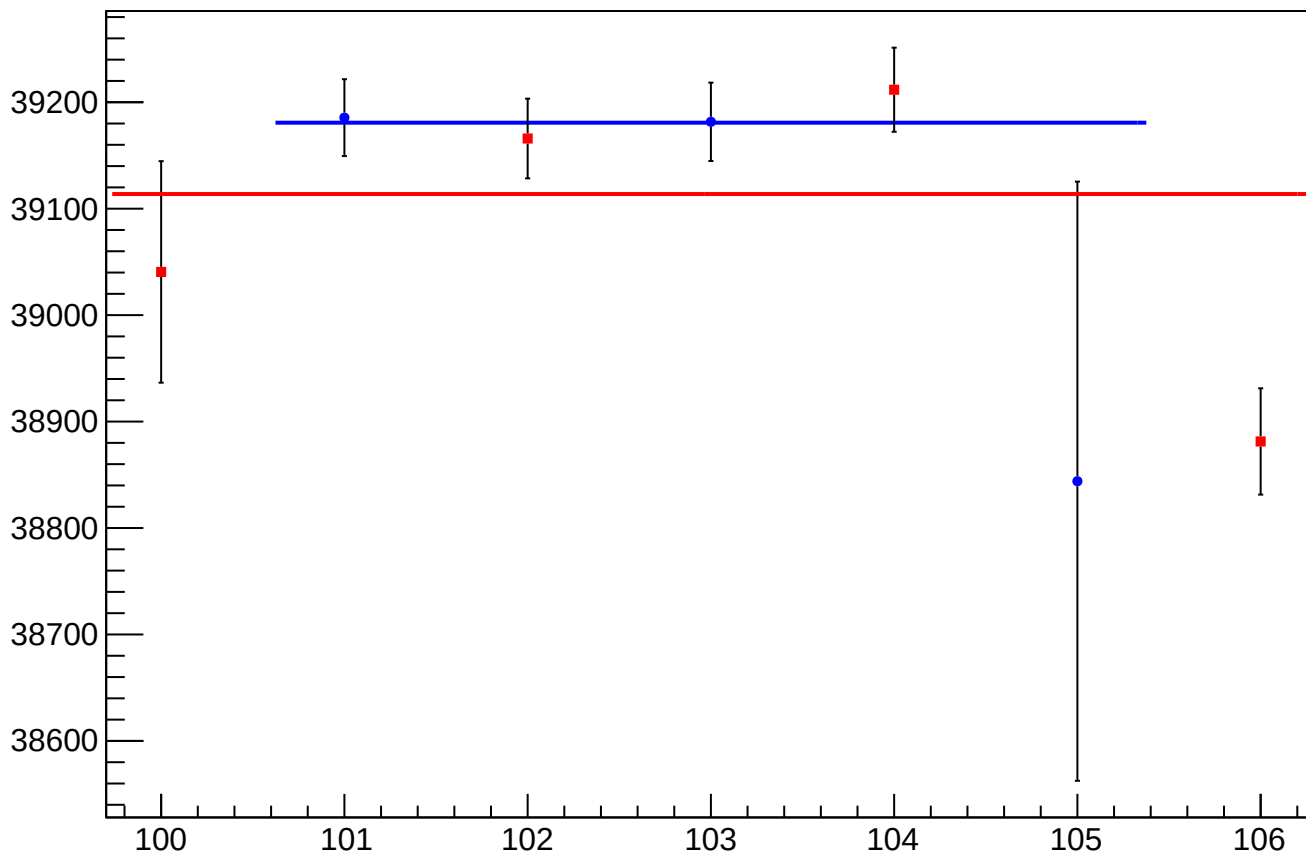
Right Out: 24.367+/-32.897 χ^2/NDF : 2.4/3

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

-21.071+/-36.304 χ^2/NDF : 1.3/2

24.367+/-32.897 χ^2/NDF : 2.4/3

diff_bpm1p03aX_rms vs slug



Right In: 39180.782 $\pm$ 25.671 χ^2 /NDF: 1.5/2

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

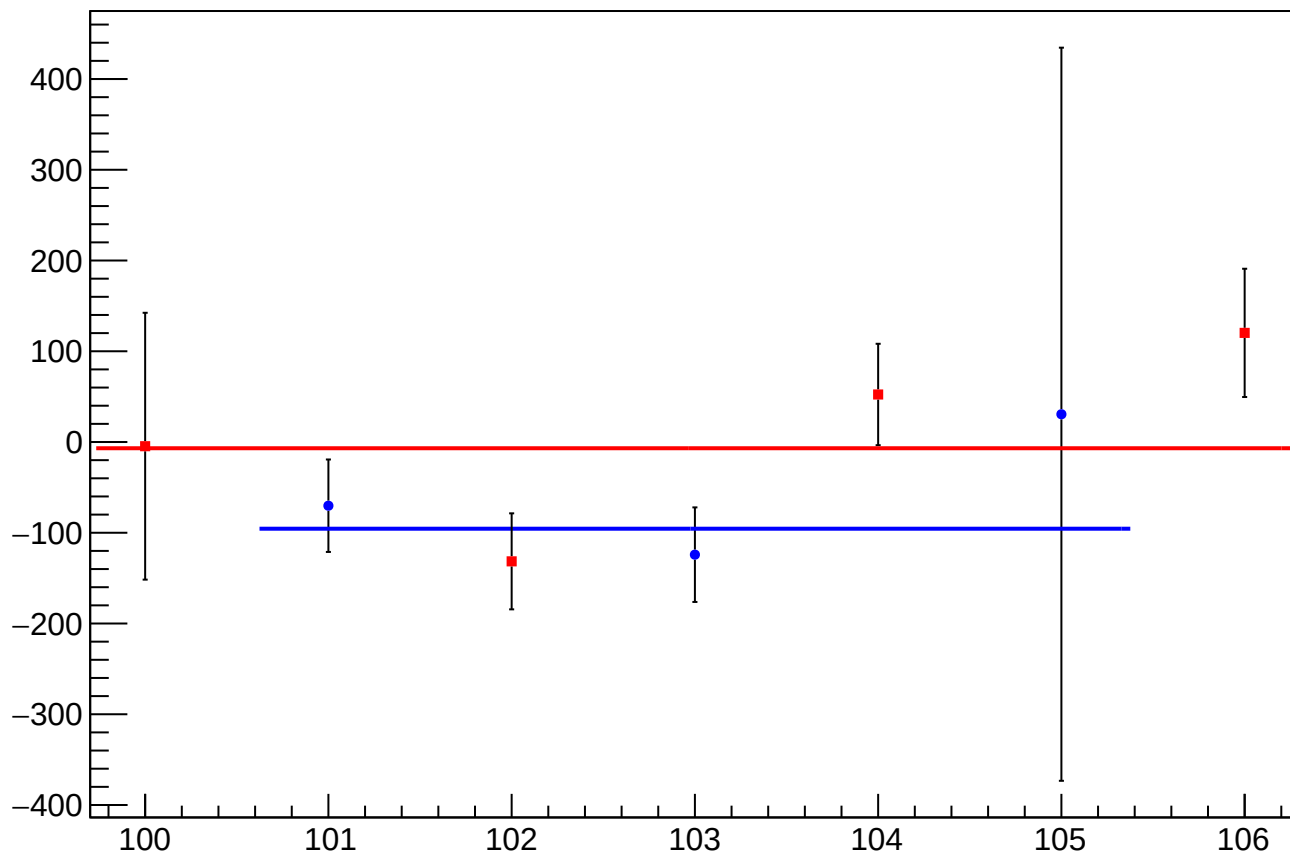
Right Out: 39113.757 $\pm$ 23.262 χ^2 /NDF: 30.3/3

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

39180.782 $\pm$ 25.671 χ^2 /NDF: 1.5/2

39113.757 $\pm$ 23.262 χ^2 /NDF: 30.3/3

diff_bpm1p03aY_mean vs slug



Right In: -95.543+/-36.280 χ^2 /NDF: 0.6/2

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

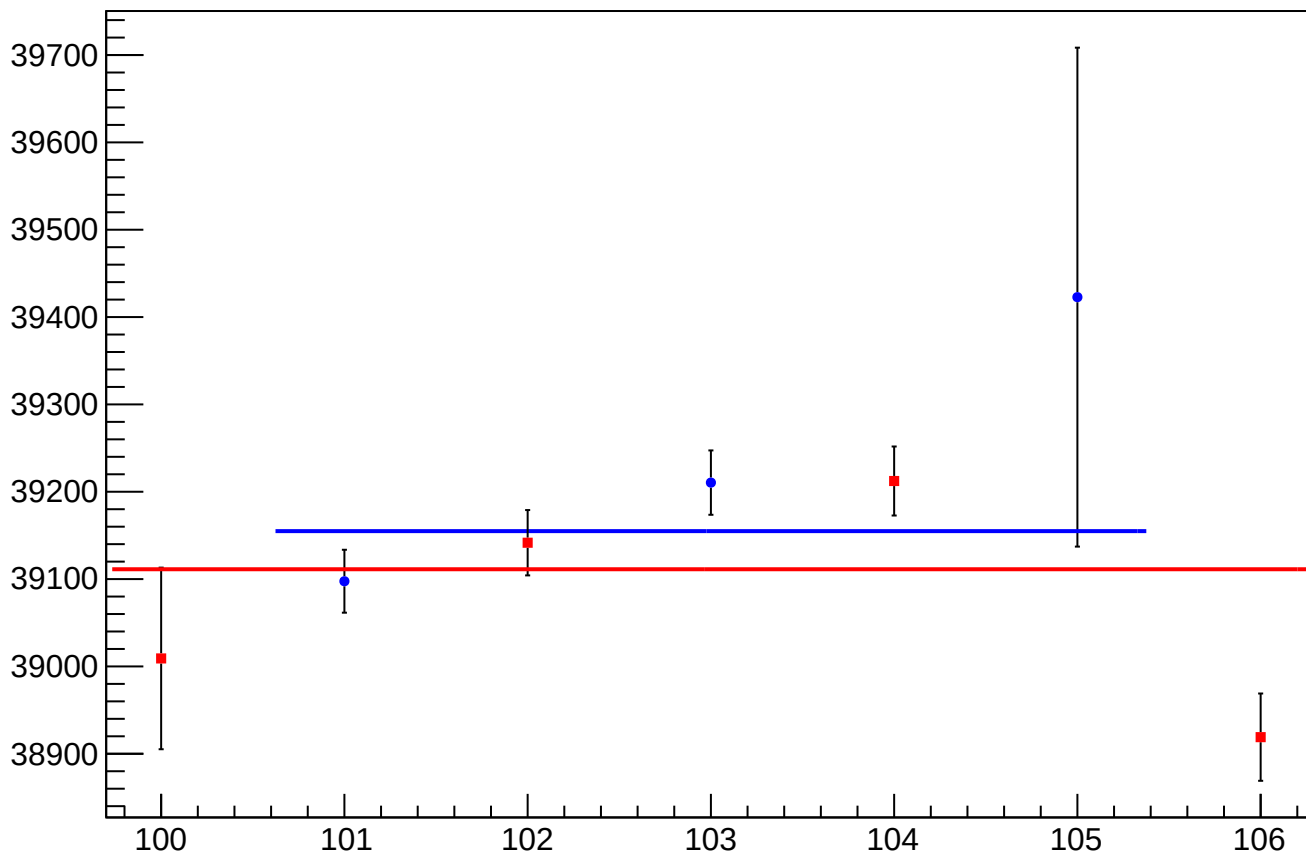
Right Out: -6.870+/-32.895 χ^2 /NDF: 9.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-95.543+/-36.280 χ^2 /NDF: 0.6/2

-6.870+/-32.895 χ^2 /NDF: 9.9/3

diff_bpm1p03aY_rms vs slug



Right In: 39154.912 $\pm$ 25.654 χ^2 /NDF: 5.7/2

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

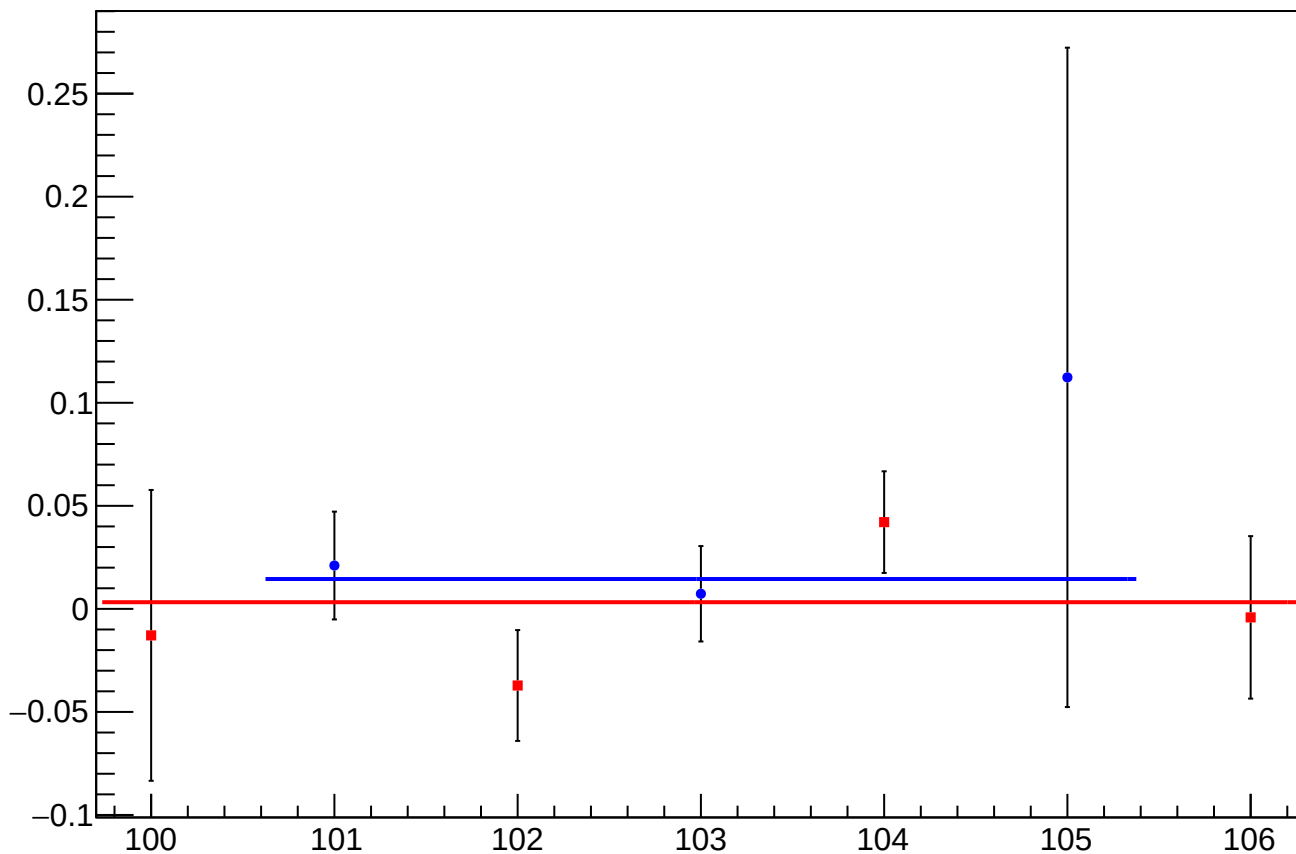
Right Out: 39111.266 $\pm$ 23.261 χ^2 /NDF: 23.0/3

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

39154.912 $\pm$ 25.654 χ^2 /NDF: 5.7/2

39111.266 $\pm$ 23.261 χ^2 /NDF: 23.0/3

diff_cav4bX_mean vs slug



Right In: 0.014+/-0.017 χ^2/NDF : 0.5/2

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

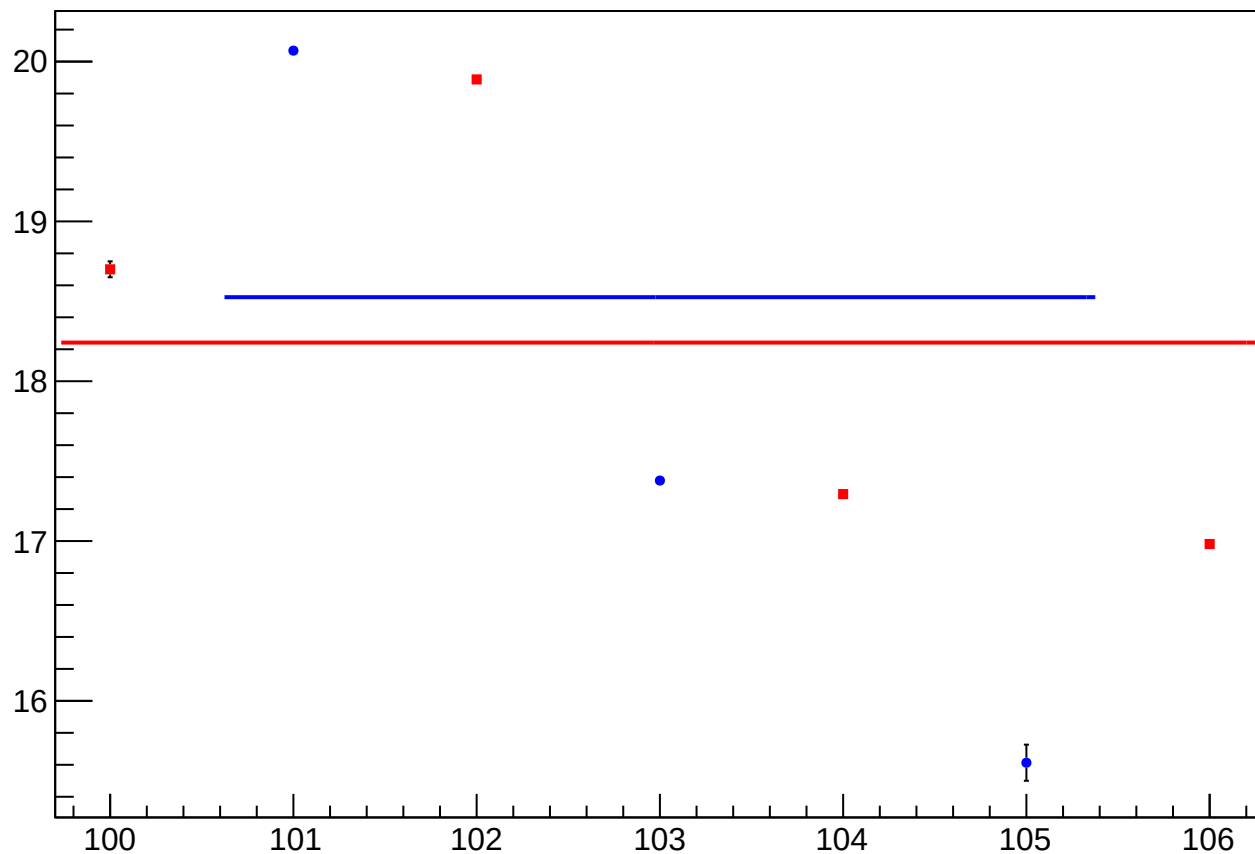
Right Out: 0.003+/-0.016 χ^2/NDF : 4.8/3

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

0.014+/-0.017 χ^2/NDF : 0.5/2

0.003+/-0.016 χ^2/NDF : 4.8/3

diff_cav4bX_rms vs slug



Right In: 18.526+/-0.012 χ^2/NDF : 12535.7/2

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

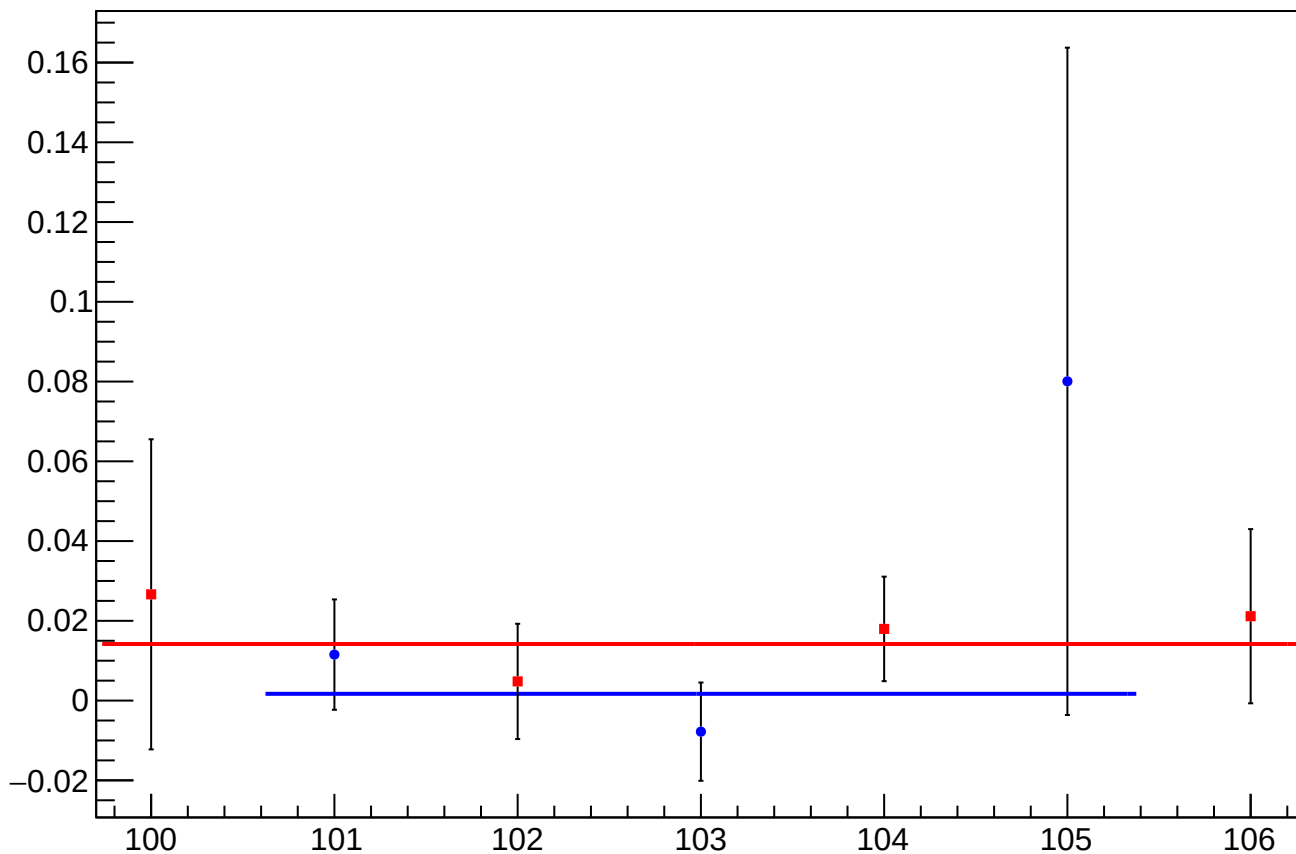
Right Out: 18.242+/-0.011 χ^2/NDF : 12585.0/3

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

18.526+/-0.012 χ^2/NDF : 12535.7/2

18.242+/-0.011 χ^2/NDF : 12585.0/3

diff_cav4bY_mean vs slug



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 2.0/2

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

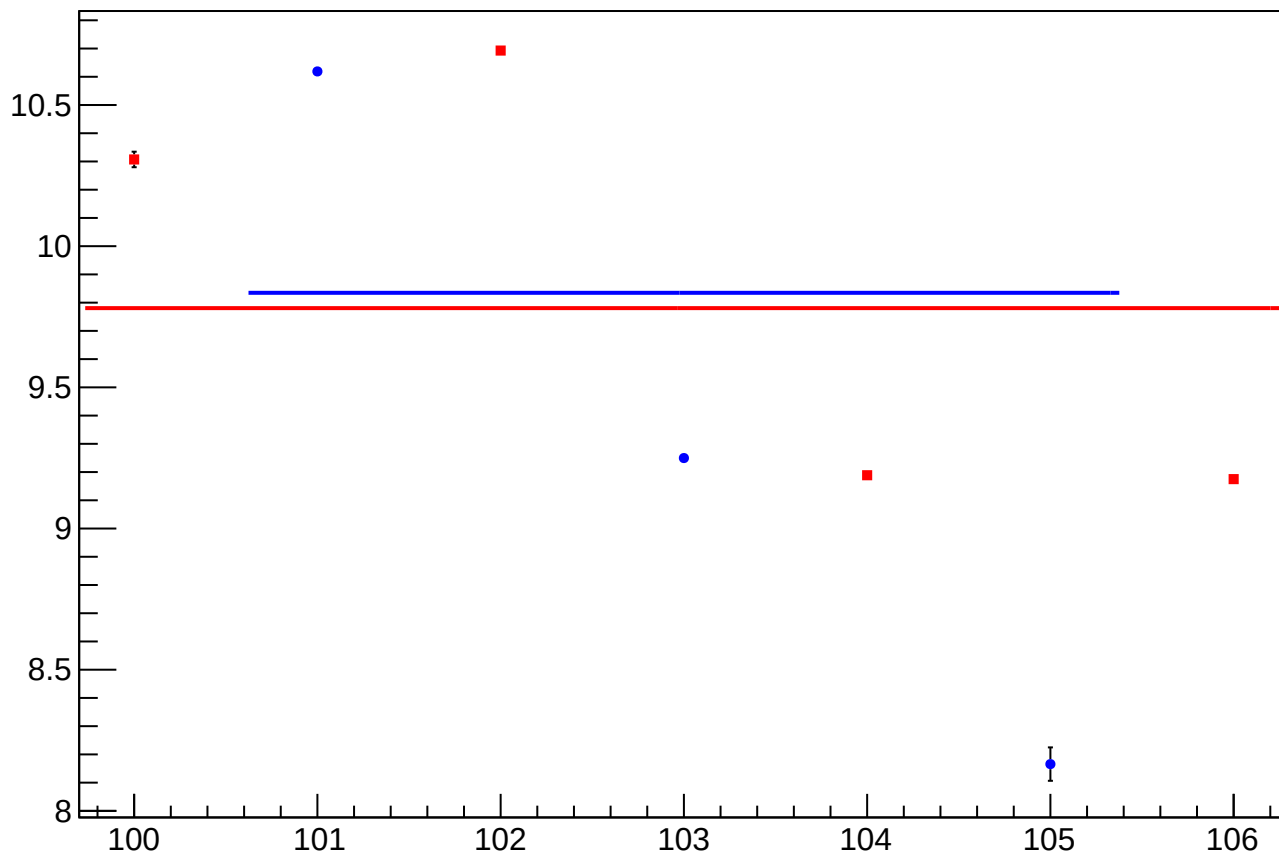
Right Out: 0.014 $\pm$ 0.009 χ^2 /NDF: 0.7/3

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

0.002 $\pm$ 0.009 χ^2 /NDF: 2.0/2

0.014 $\pm$ 0.009 χ^2 /NDF: 0.7/3

diff_cav4bY_rms vs slug



Right In: 9.835+/-0.006 χ^2/NDF : 11730.3/2

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

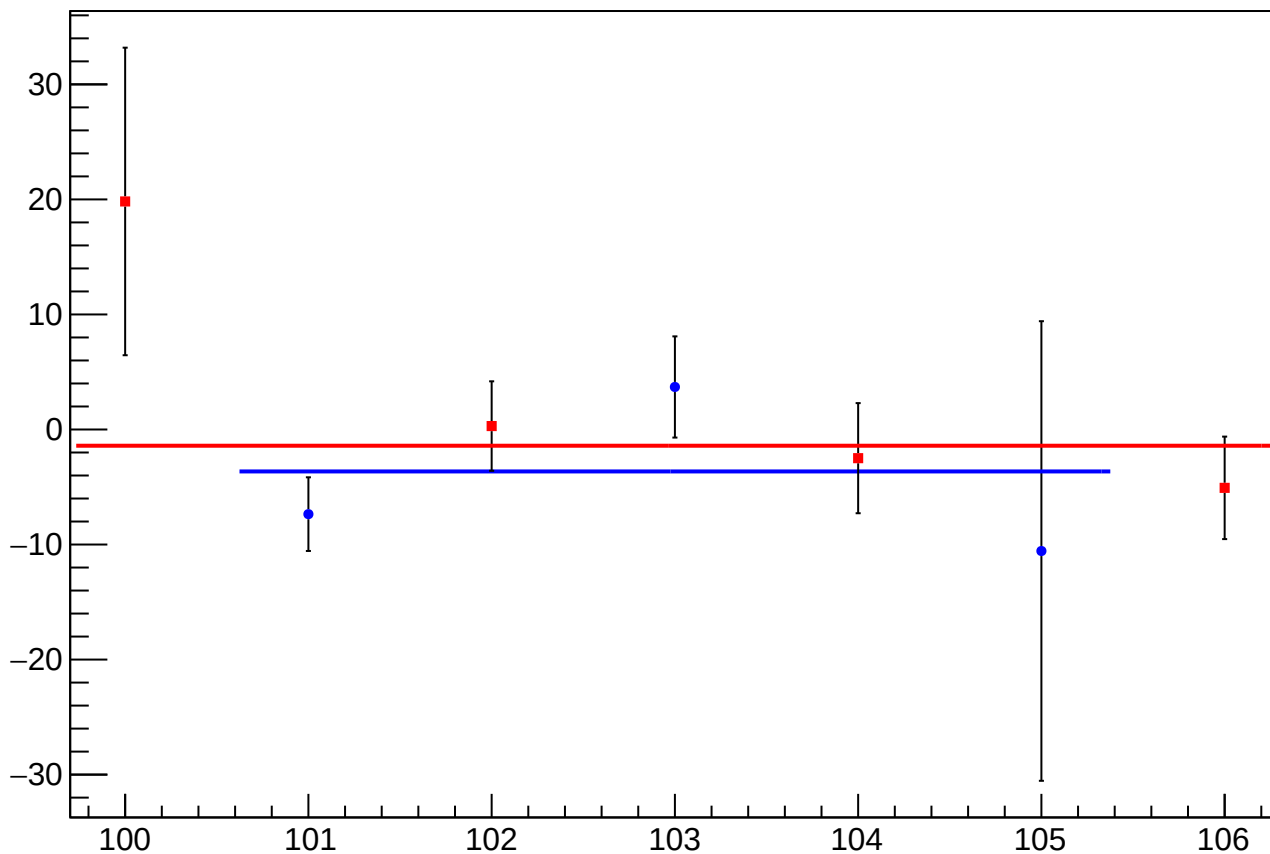
Right Out: 9.781+/-0.006 χ^2/NDF : 13947.9/3

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

9.835+/-0.006 χ^2/NDF : 11730.3/2

9.781+/-0.006 χ^2/NDF : 13947.9/3

diff_cav4cX_mean vs slug



Right In: -3.646 $\pm$ 2.567 χ^2 /NDF: 4.3/2

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

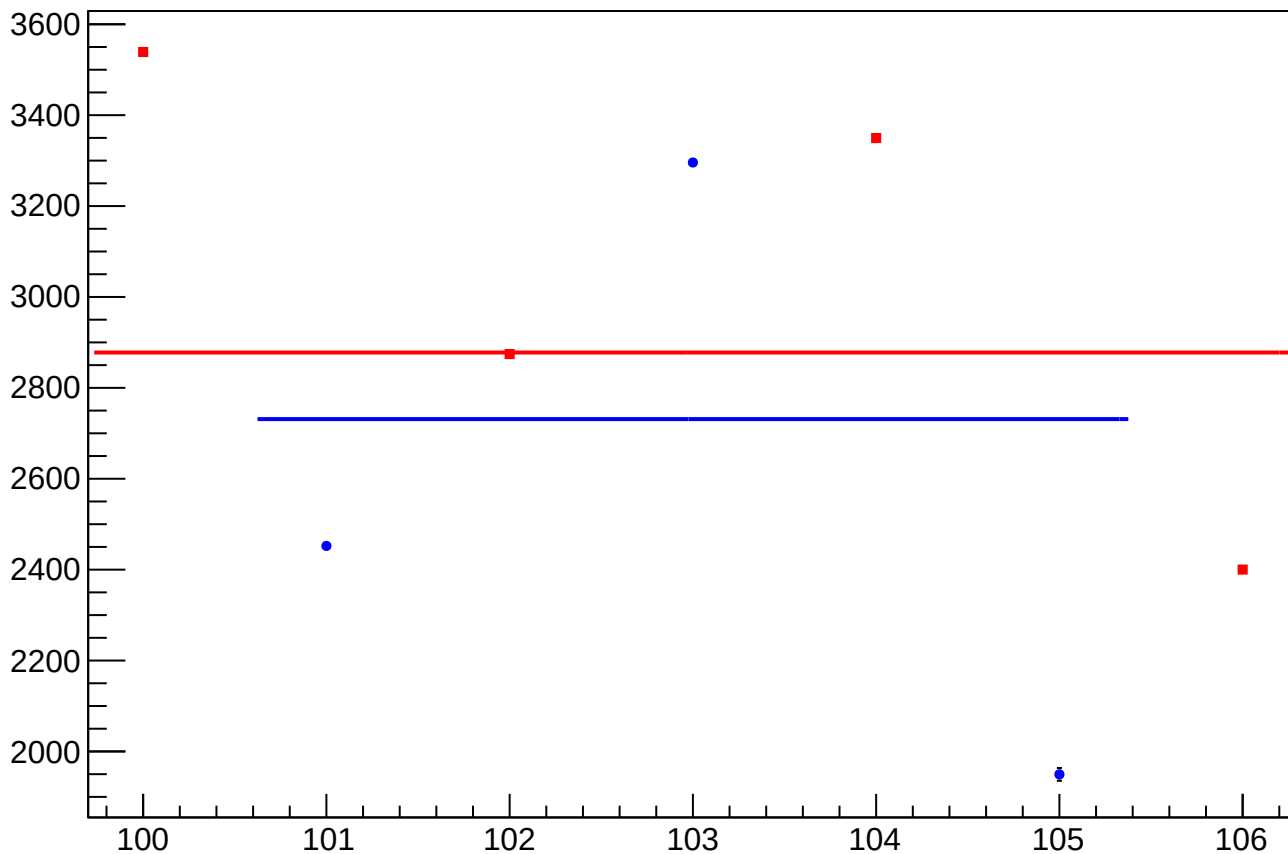
Right Out: -1.411 $\pm$ 2.456 χ^2 /NDF: 3.4/3

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

-3.646 $\pm$ 2.567 χ^2 /NDF: 4.3/2

-1.411 $\pm$ 2.456 χ^2 /NDF: 3.4/3

diff_cav4cX_rms vs slug



Right In: 2731.271+/-1.815 χ^2/NDF : 51211.8/2

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

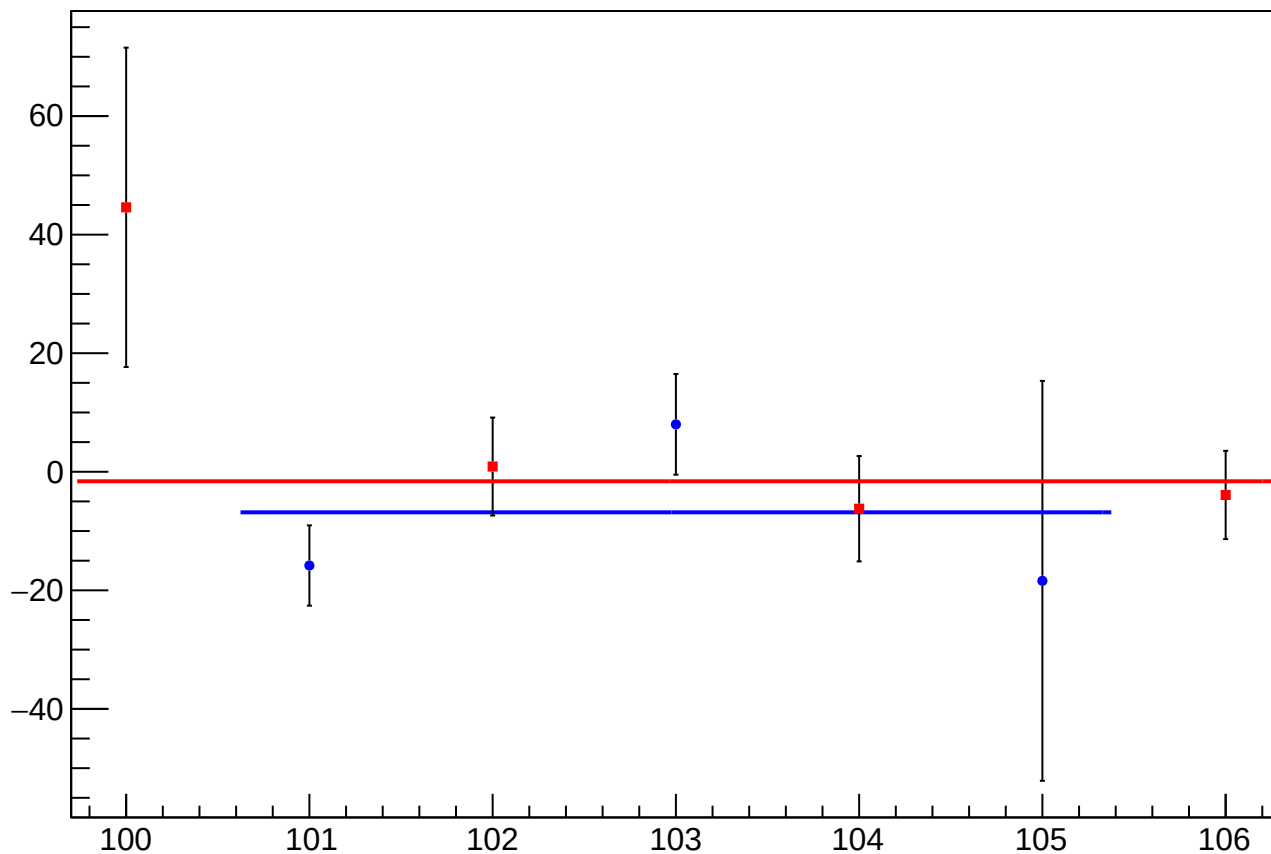
Right Out: 2877.767+/-1.737 χ^2/NDF : 47324.2/3

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

2731.271+/-1.815 χ^2/NDF : 51211.8/2

2877.767+/-1.737 χ^2/NDF : 47324.2/3

diff_cav4cY_mean vs slug



Right In: -6.842+/-5.232 χ^2/NDF : 4.9/2

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

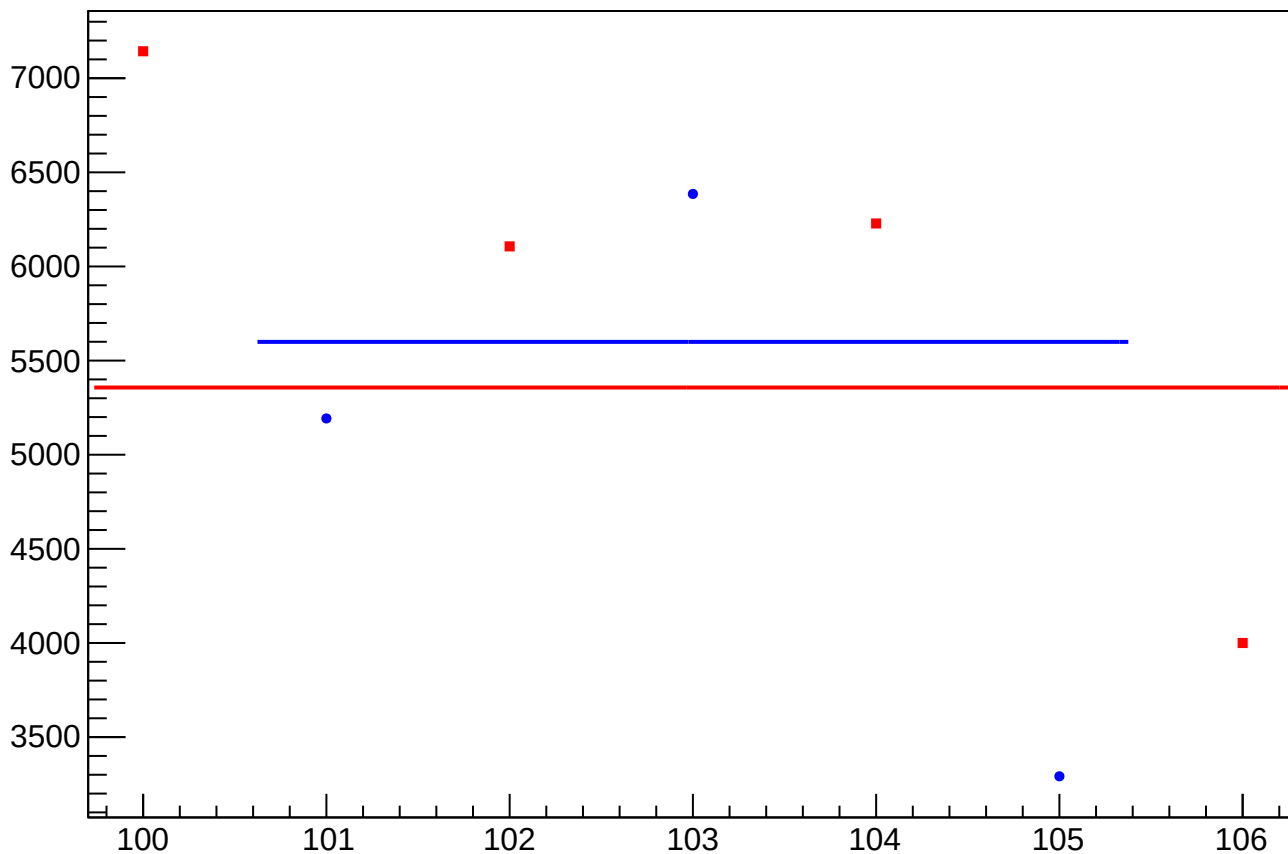
Right Out: -1.607+/-4.626 χ^2/NDF : 3.4/3

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

-6.842+/-5.232 χ^2/NDF : 4.9/2

-1.607+/-4.626 χ^2/NDF : 3.4/3

diff_cav4cY_rms vs slug



Right In: 5599.429+/-3.699 χ^2/NDF : 33700.2/2

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

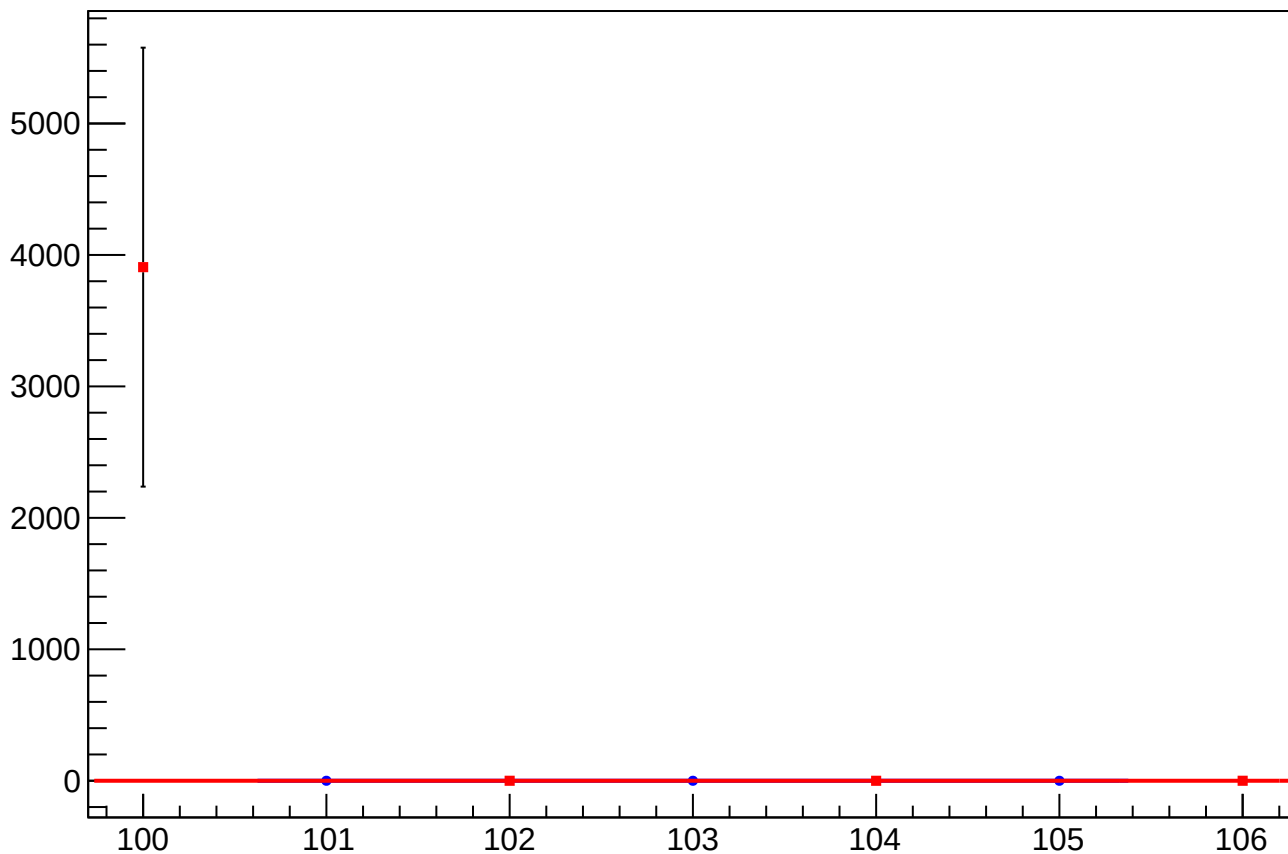
Right Out: 5356.955+/-3.271 χ^2/NDF : 110941.7/3

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

5599.429+/-3.699 χ^2/NDF : 33700.2/2

5356.955+/-3.271 χ^2/NDF : 110941.7/3

diff_cav4dX_mean vs slug



Right In: -0.023+/-0.021 χ^2/NDF : 1.0/2

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

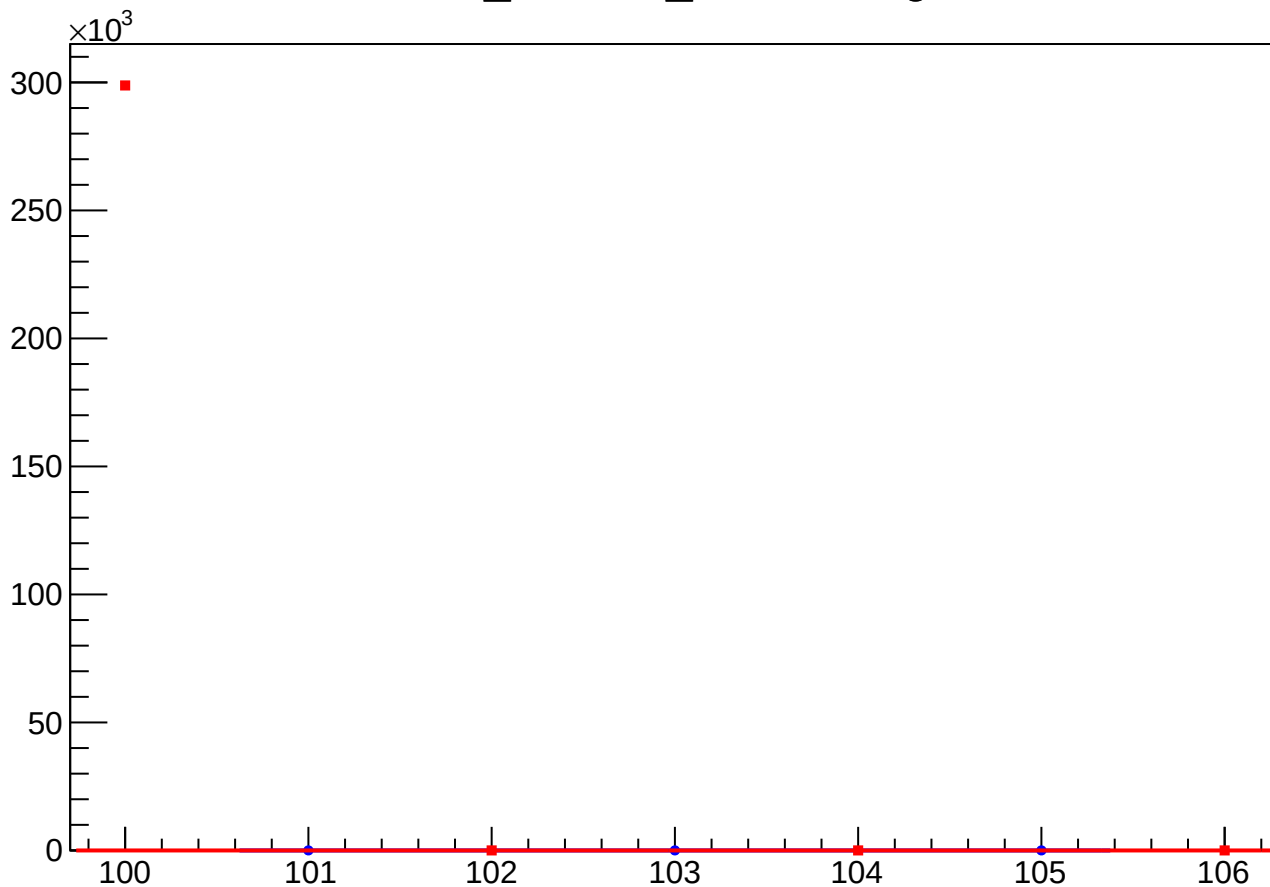
Right Out: -0.026+/-0.020 χ^2/NDF : 6.3/3

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

-0.023+/-0.021 χ^2/NDF : 1.0/2

-0.026+/-0.020 χ^2/NDF : 6.3/3

diff_cav4dX_rms vs slug



Right In: 16.894+/-0.015 χ^2/NDF : 351.1/2

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

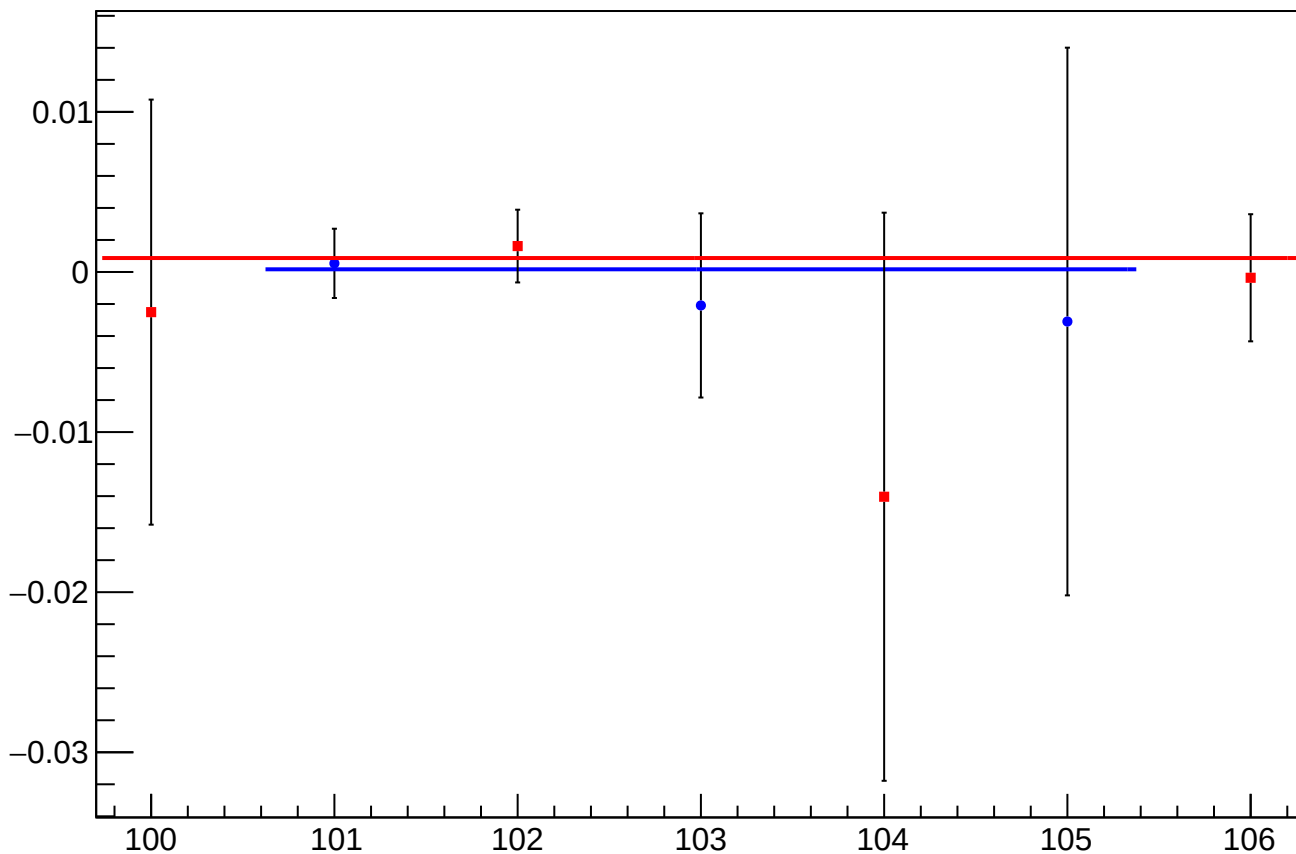
Right Out: 16.932+/-0.014 χ^2/NDF : 63931.4/3

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

16.894+/-0.015 χ^2/NDF : 351.1/2

16.932+/-0.014 χ^2/NDF : 63931.4/3

diff_cav4dY_mean vs slug



Right In: 0.000 $\pm$ 0.002 χ^2 /NDF: 0.2/2

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

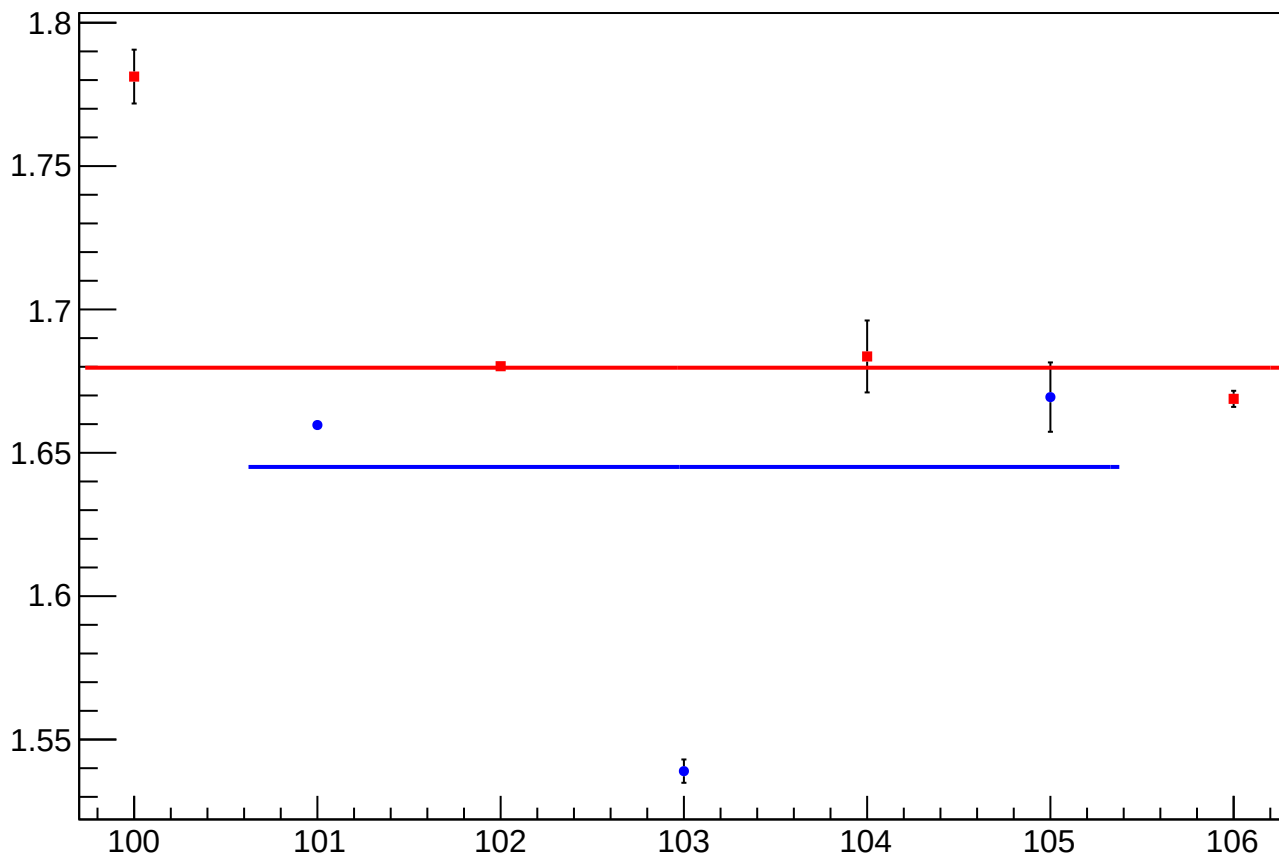
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 1.0/3

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

0.000 $\pm$ 0.002 χ^2 /NDF: 0.2/2

0.001 $\pm$ 0.002 χ^2 /NDF: 1.0/3

diff_cav4dY_rms vs slug



Right In: 1.645+/-0.001 χ^2/NDF : 775.7/2

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

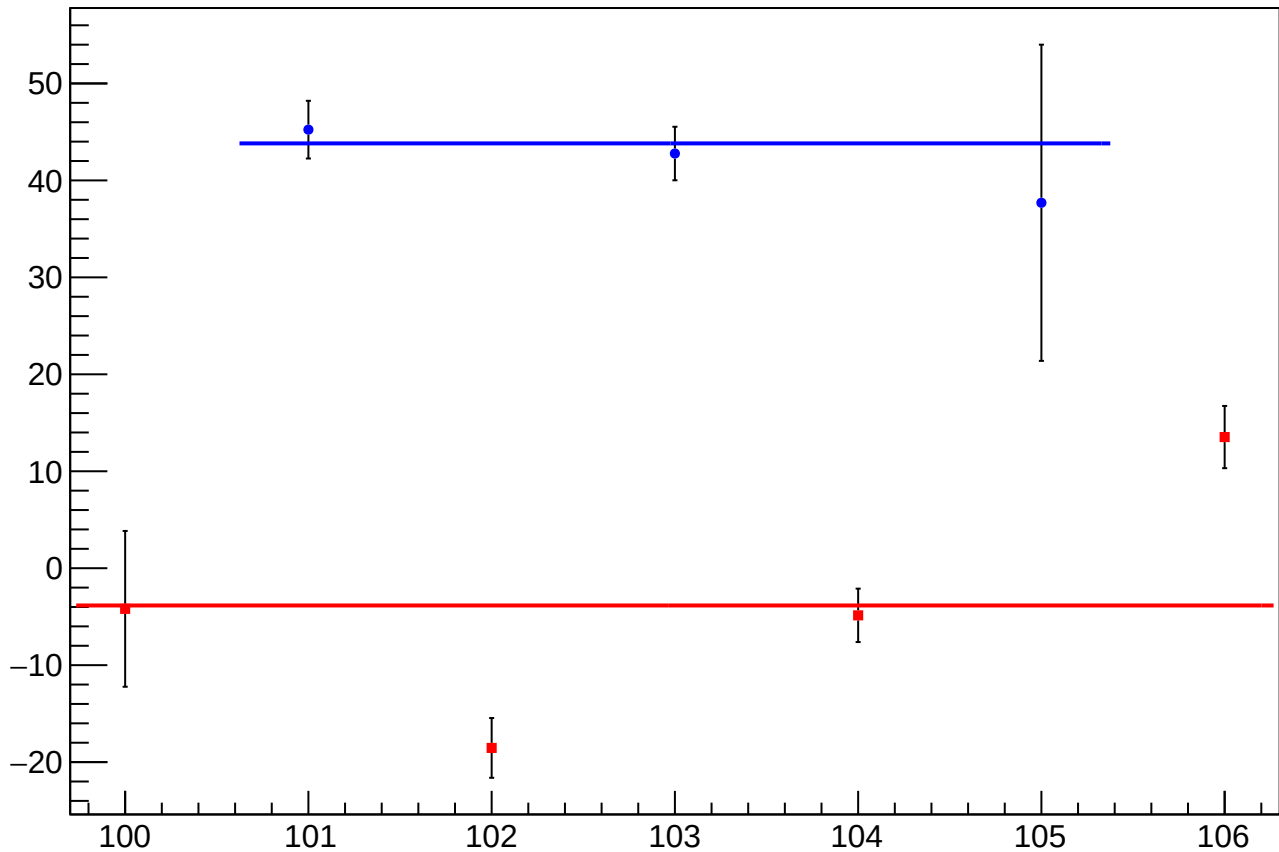
Right Out: 1.680+/-0.001 χ^2/NDF : 132.2/3

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

1.645+/-0.001 χ^2/NDF : 775.7/2

1.680+/-0.001 χ^2/NDF : 132.2/3

diff_bpm0i01X_mean vs slug



Right In: 43.817+/-2.009 χ^2/NDF : 0.5/2

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

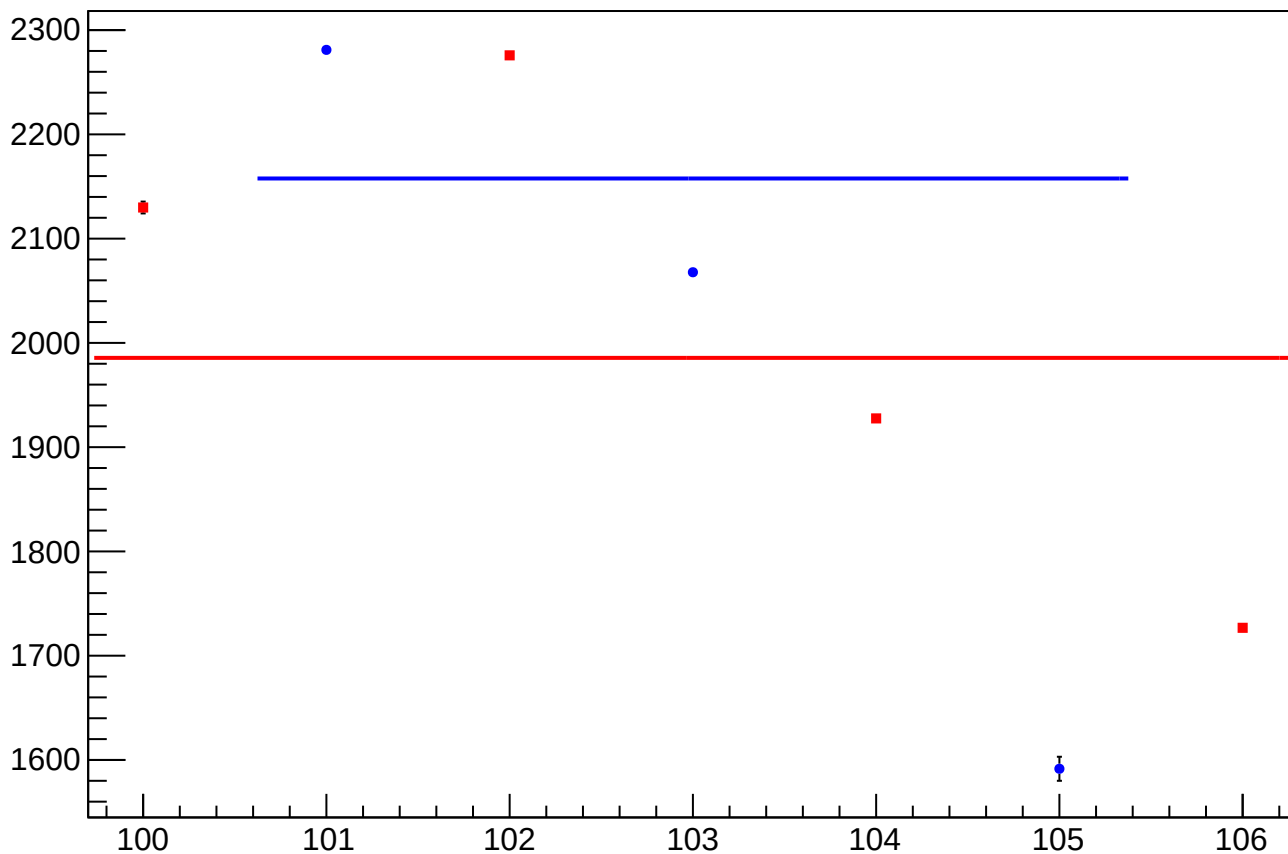
Right Out: -3.843+/-1.691 χ^2/NDF : 52.2/3

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

43.817+/-2.009 χ^2/NDF : 0.5/2

-3.843+/-1.691 χ^2/NDF : 52.2/3

diff_bpm0i01X_rms vs slug



Right In: 2157.689 $\pm$ 1.420 χ^2 /NDF: 7969.1/2

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

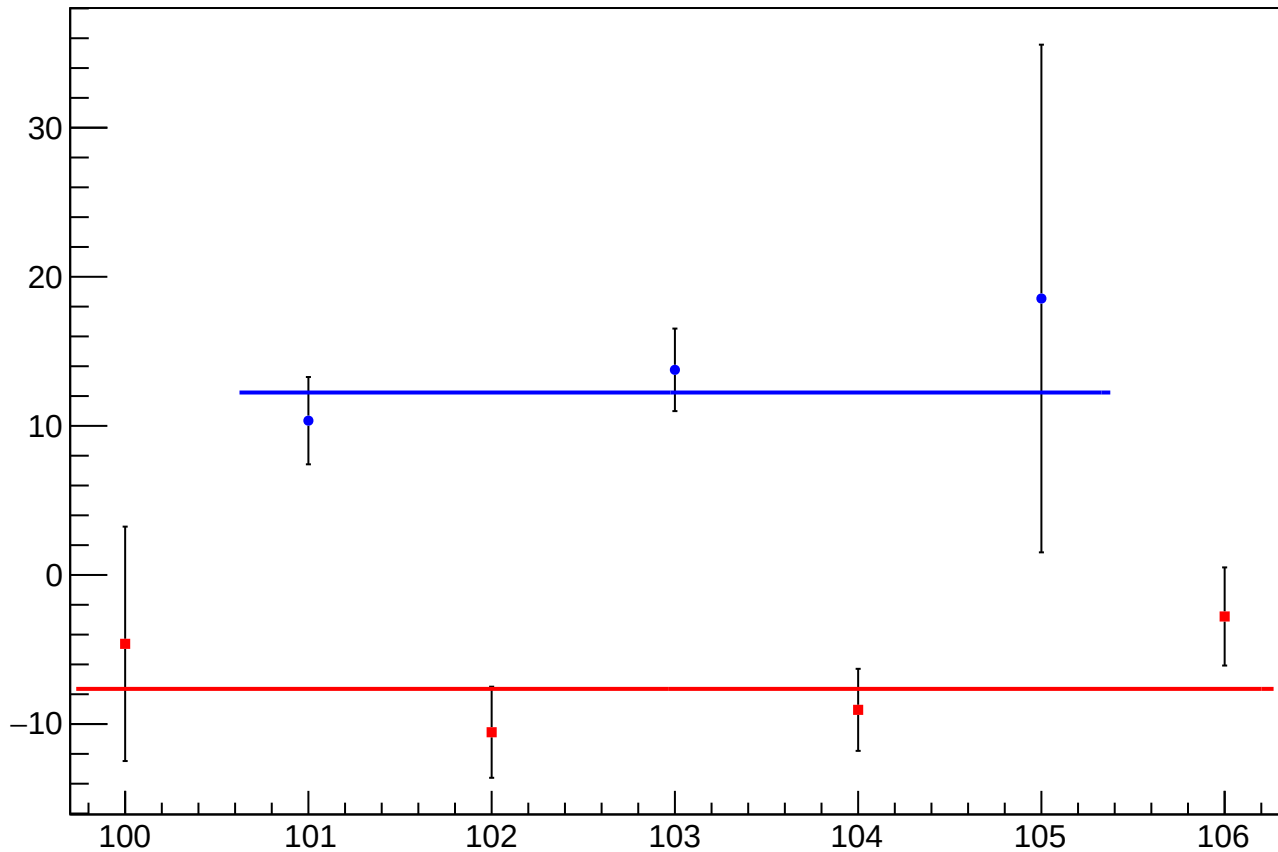
Right Out: 1985.638 $\pm$ 1.196 χ^2 /NDF: 32271.4/3

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

2157.689 $\pm$ 1.420 χ^2 /NDF: 7969.1/2

1985.638 $\pm$ 1.196 χ^2 /NDF: 32271.4/3

diff_bpm0i01Y_mean vs slug



Right In: 12.238+/-1.997 χ^2/NDF : 0.9/2

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

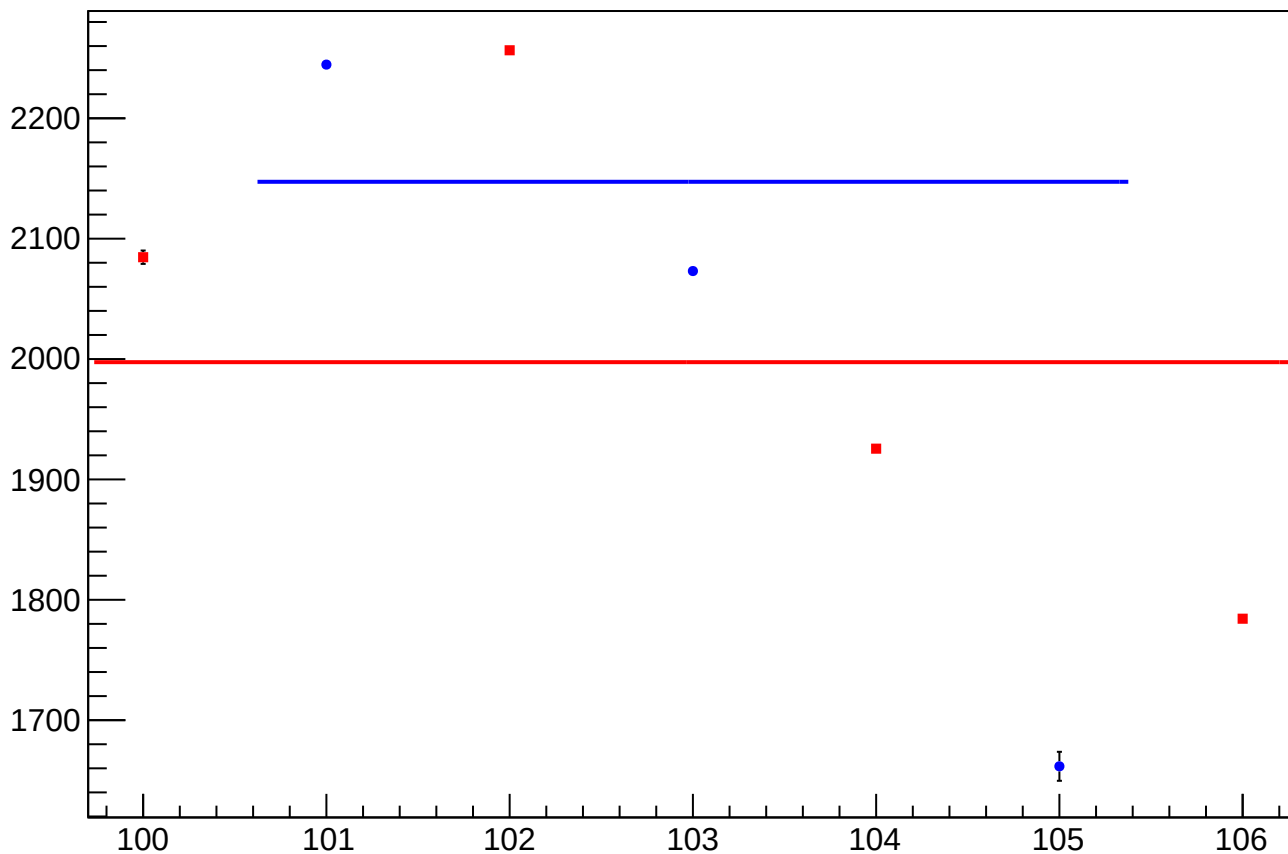
Right Out: -7.641+/-1.696 χ^2/NDF : 3.5/3

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

12.238+/-1.997 χ^2/NDF : 0.9/2

-7.641+/-1.696 χ^2/NDF : 3.5/3

diff_bpm0i01Y_rms vs slug



Right In: 2147.255+/-1.412 χ^2/NDF : 5273.4/2

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

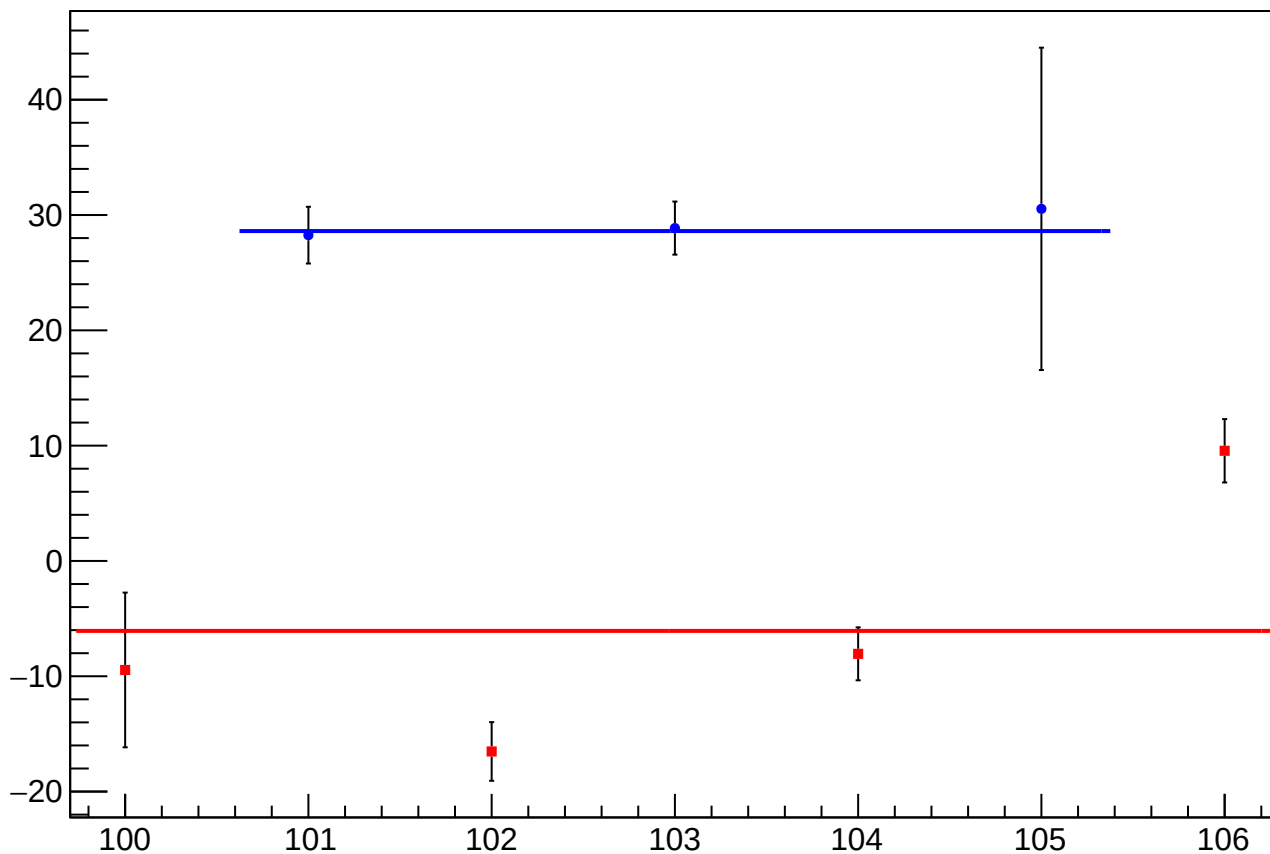
Right Out: 1997.408+/-1.199 χ^2/NDF : 24377.2/3

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

2147.255+/-1.412 χ^2/NDF : 5273.4/2

1997.408+/-1.199 χ^2/NDF : 24377.2/3

diff_bpm0i01aX_mean vs slug



Right In: 28.609+/-1.669 χ^2 /NDF: 0.1/2

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

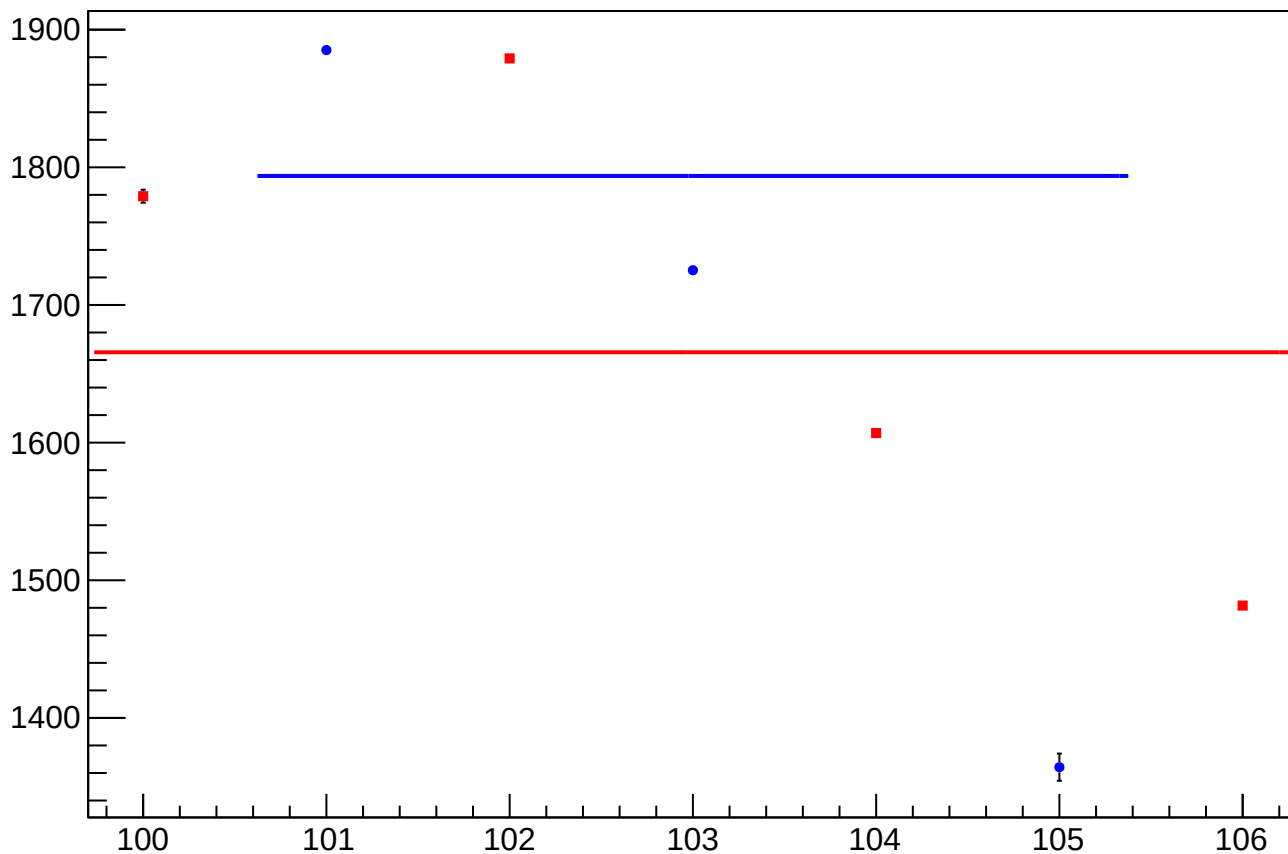
28.609+/-1.669 χ^2 /NDF: 0.1/2

Right Out: -6.066+/-1.416 χ^2 /NDF: 50.2/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-6.066+/-1.416 χ^2 /NDF: 50.2/3

diff_bpm0i01aX_rms vs slug



Right In: 1793.738+/-1.180 χ^2/NDF : 6424.1/2

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

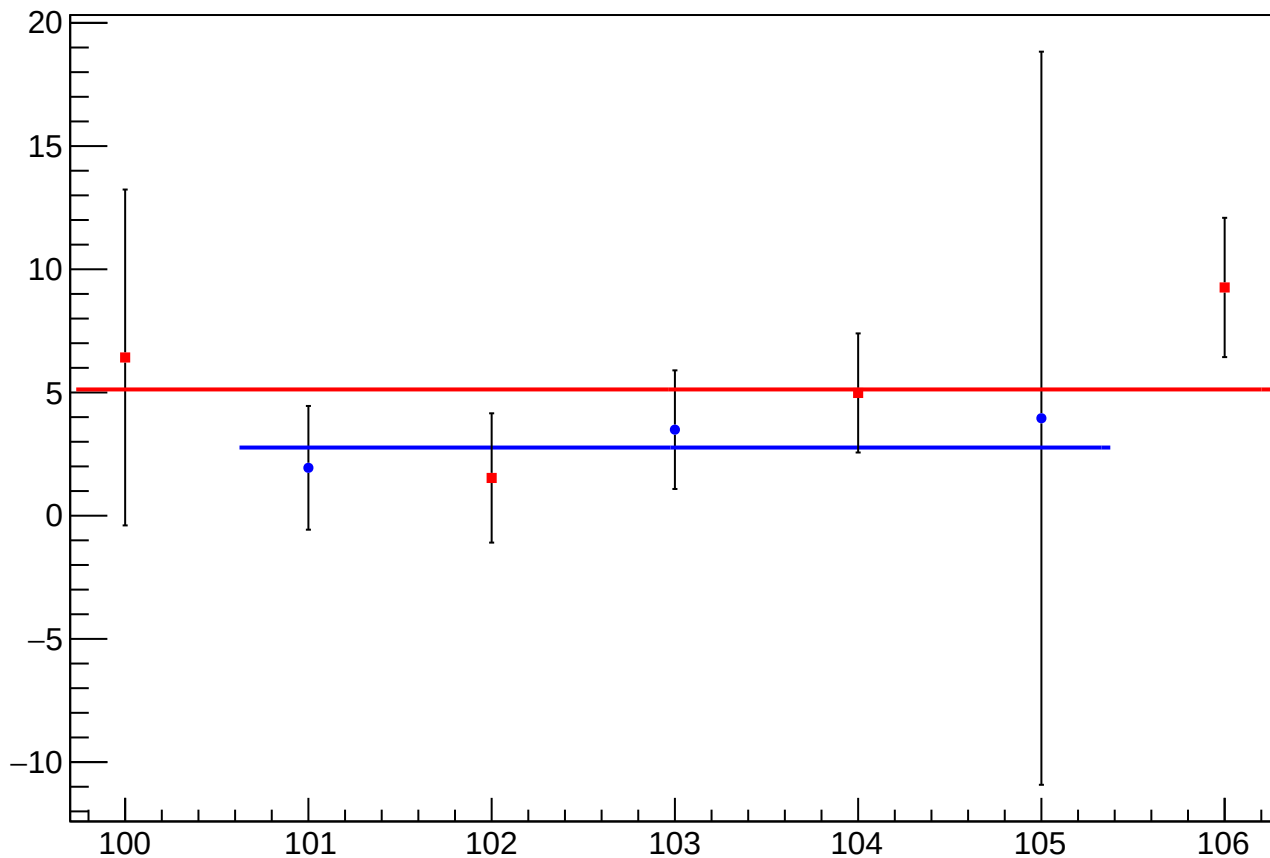
Right Out: 1665.636+/-1.001 χ^2/NDF : 24926.8/3

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

1793.738+/-1.180 χ^2/NDF : 6424.1/2

1665.636+/-1.001 χ^2/NDF : 24926.8/3

diff_bpm0i01aY_mean vs slug



Right In: 2.766 $\pm$ 1.726 χ^2 /NDF: 0.2/2

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

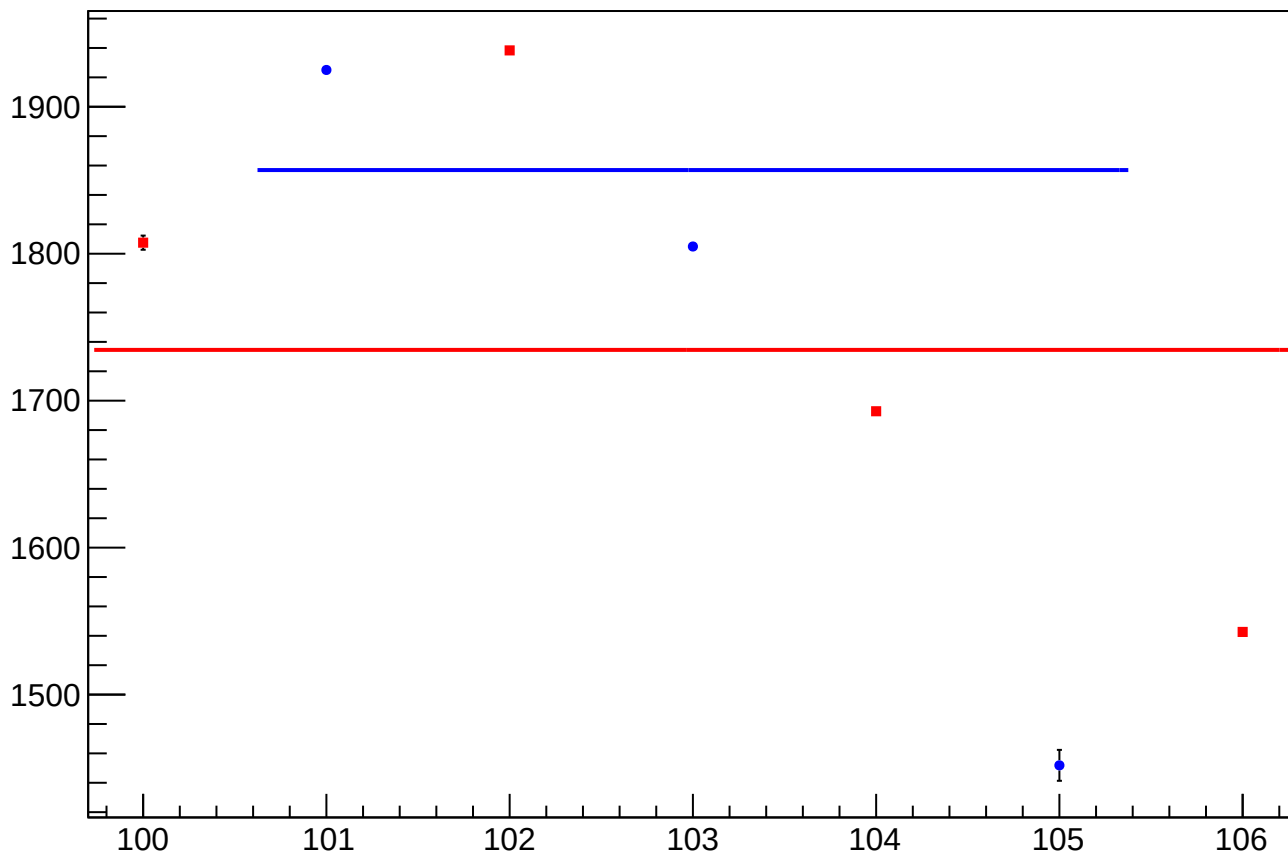
Right Out: 5.123 $\pm$ 1.469 χ^2 /NDF: 4.1/3

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

2.766 $\pm$ 1.726 χ^2 /NDF: 0.2/2

5.123 $\pm$ 1.469 χ^2 /NDF: 4.1/3

diff_bpm0i01aY_rms vs slug



Right In: 1856.927 $\pm$ 1.220 χ^2 /NDF: 3889.2/2

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

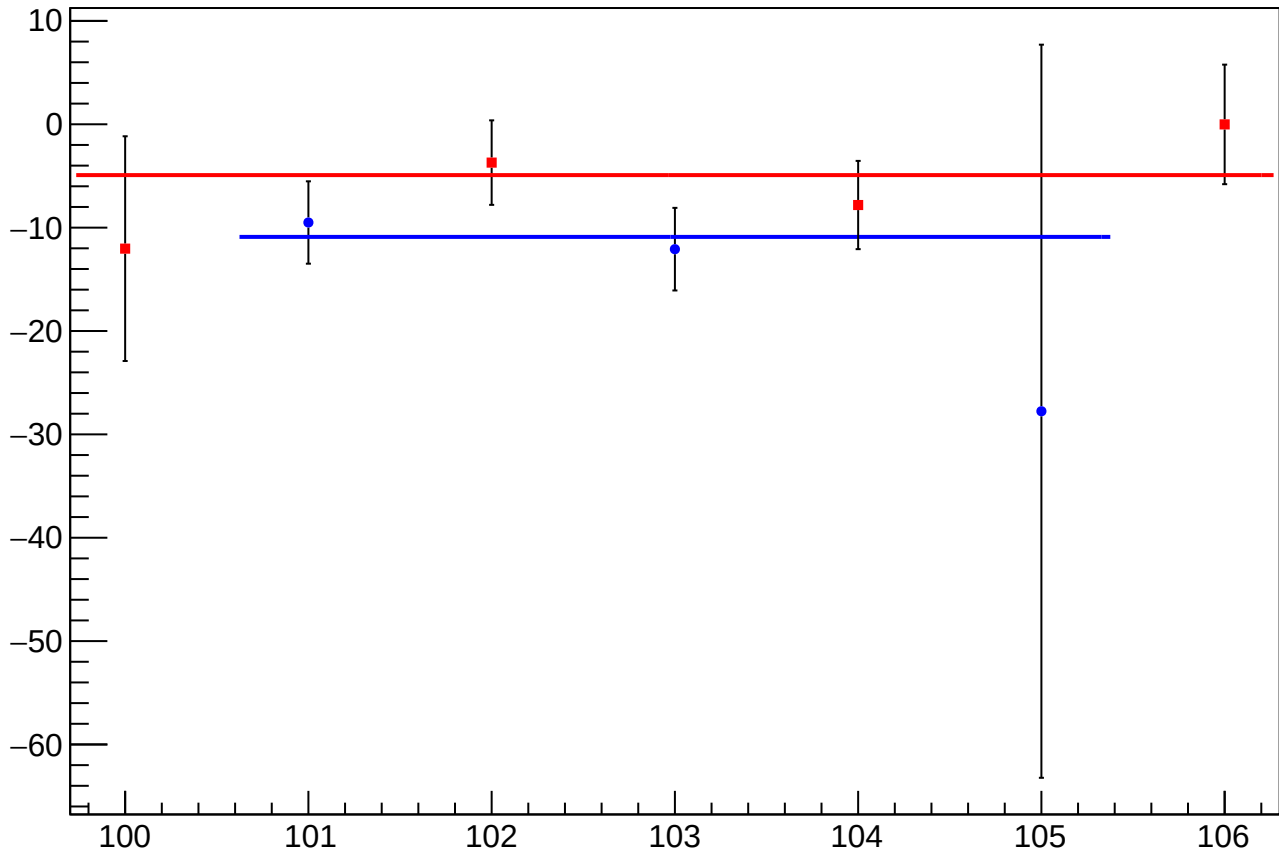
Right Out: 1734.555 $\pm$ 1.039 χ^2 /NDF: 22113.9/3

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

1856.927 $\pm$ 1.220 χ^2 /NDF: 3889.2/2

1734.555 $\pm$ 1.039 χ^2 /NDF: 22113.9/3

diff_bpm0l01X_mean vs slug



Right In: -10.895 $\pm$ 2.813 χ^2 /NDF: 0.4/2

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

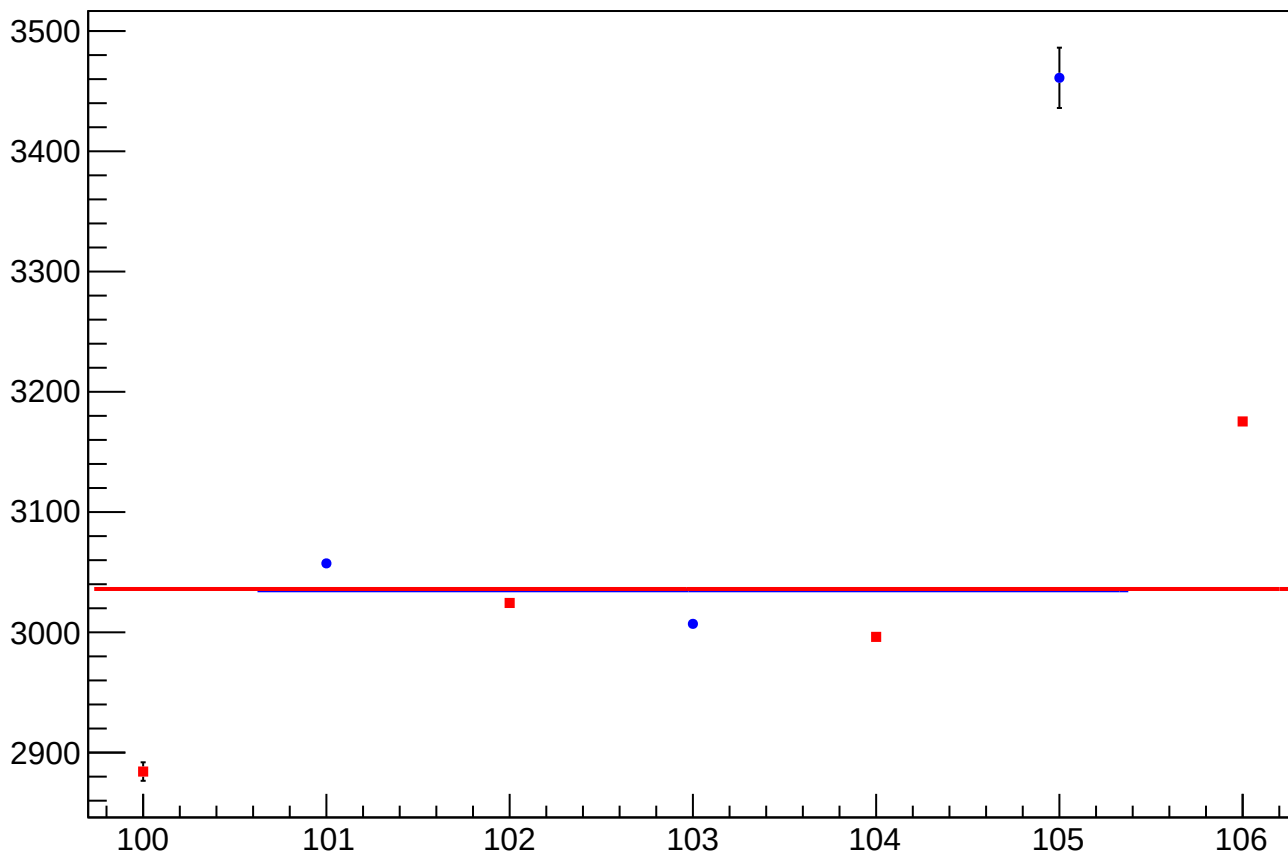
Right Out: -4.917 $\pm$ 2.556 χ^2 /NDF: 1.7/3

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

-10.895 $\pm$ 2.813 χ^2 /NDF: 0.4/2

-4.917 $\pm$ 2.556 χ^2 /NDF: 1.7/3

diff_bpm0l01X_rms vs slug



Right In: 3034.960+/-1.989 χ^2 /NDF: 449.4/2

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

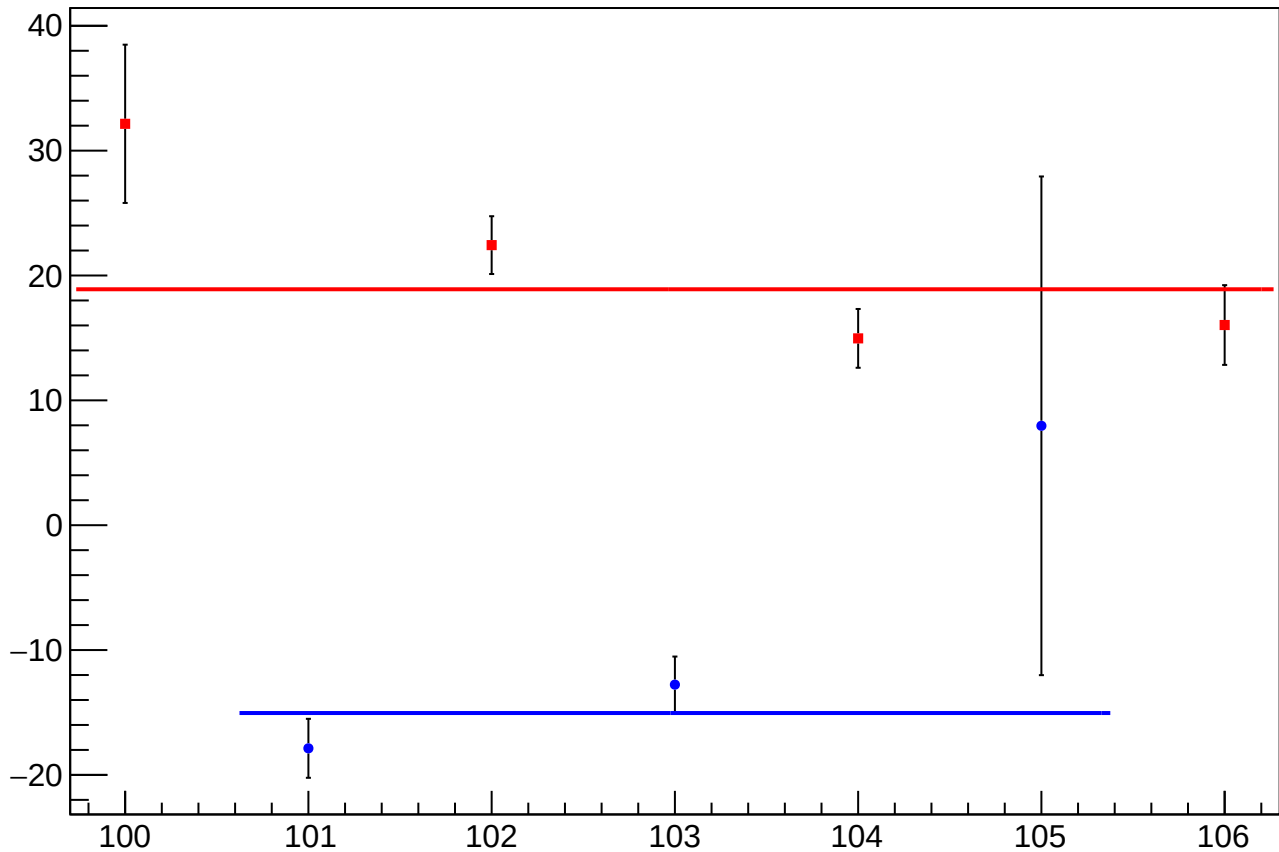
Right Out: 3036.039+/-1.807 χ^2 /NDF: 1740.9/3

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

3034.960+/-1.989 χ^2 /NDF: 449.4/2

3036.039+/-1.807 χ^2 /NDF: 1740.9/3

diff_bpm0l01Y_mean vs slug



Right In: -15.044 $\pm$ 1.624 χ^2 /NDF: 3.8/2

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

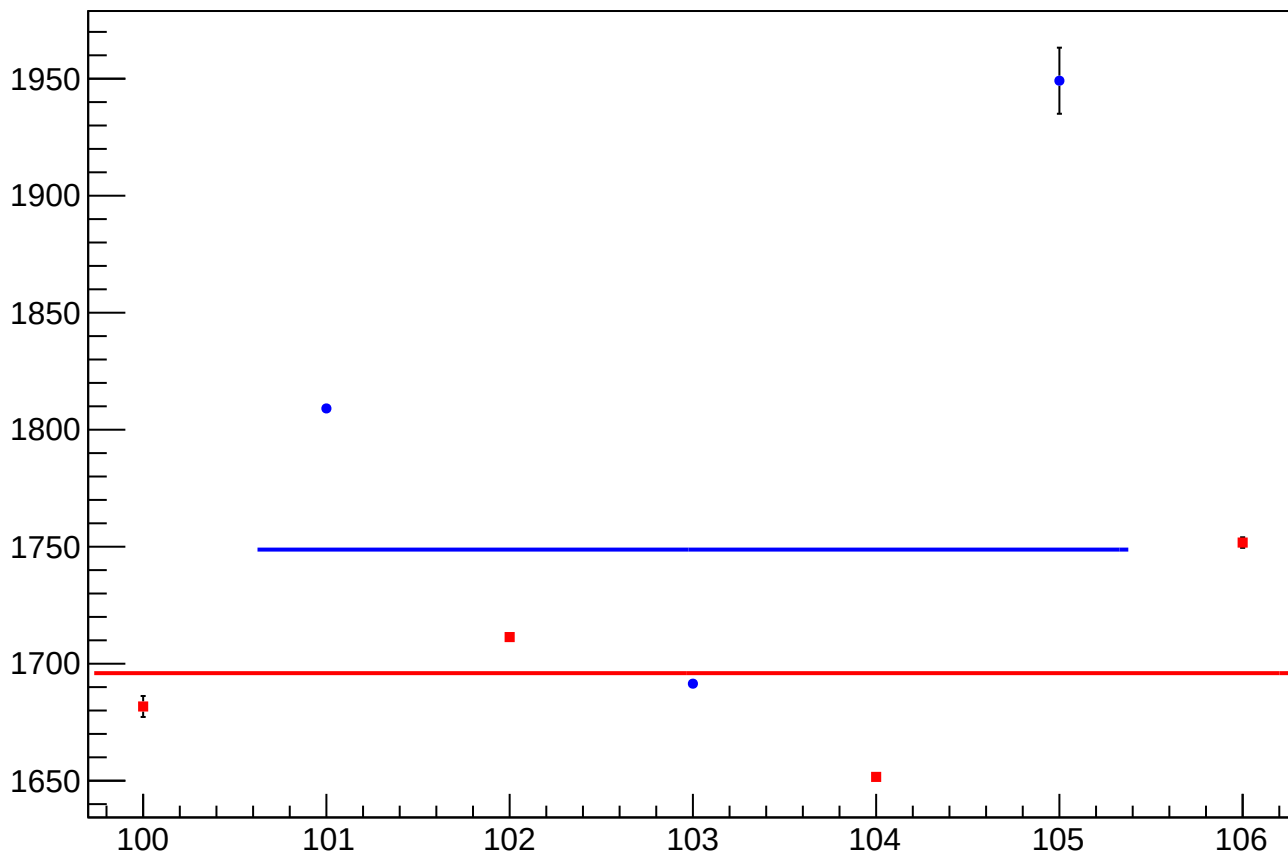
Right Out: 18.897 $\pm$ 1.429 χ^2 /NDF: 10.3/3

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

-15.044 $\pm$ 1.624 χ^2 /NDF: 3.8/2

18.897 $\pm$ 1.429 χ^2 /NDF: 10.3/3

diff_bpm0l01Y_rms vs slug



Right In: 1748.770 $\pm$ 1.148 χ^2 /NDF: 2803.1/2

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

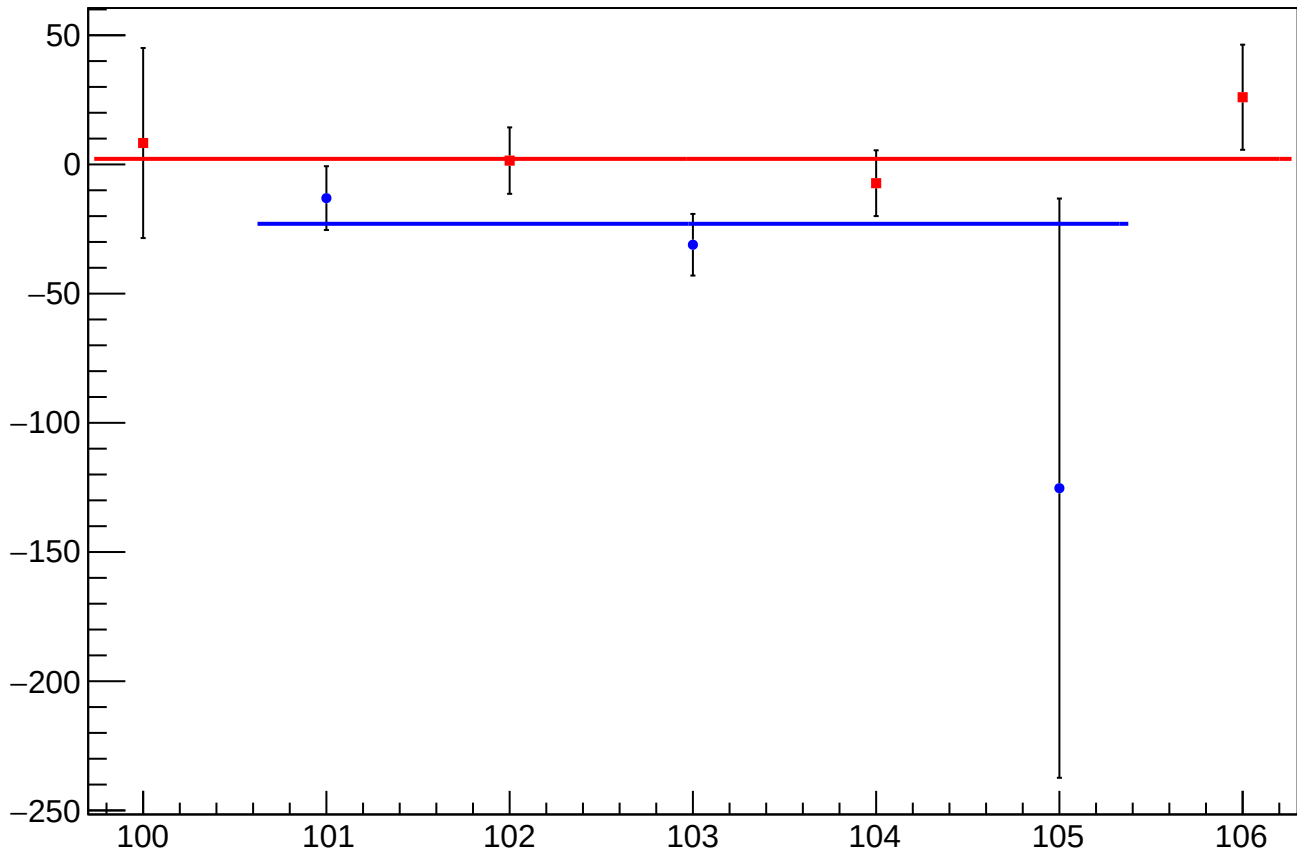
Right Out: 1695.968 $\pm$ 1.010 χ^2 /NDF: 1418.6/3

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

1748.770 $\pm$ 1.148 χ^2 /NDF: 2803.1/2

1695.968 $\pm$ 1.010 χ^2 /NDF: 1418.6/3

diff_bpm0l02X_mean vs slug



Right In: -22.973 $\pm$ 8.554 χ^2 /NDF: 1.9/2

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

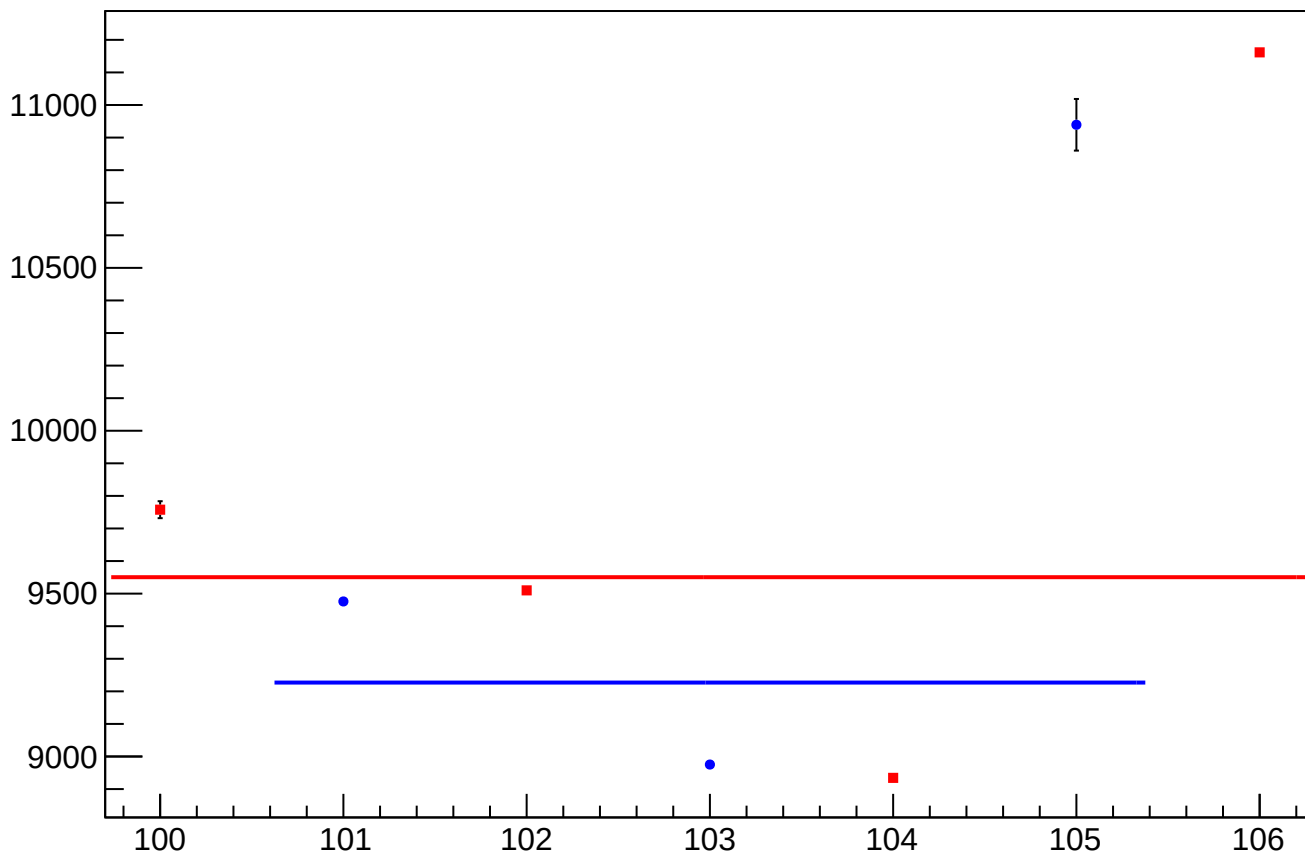
Right Out: 2.154 $\pm$ 8.064 χ^2 /NDF: 2.0/3

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

-22.973 $\pm$ 8.554 χ^2 /NDF: 1.9/2

2.154 $\pm$ 8.064 χ^2 /NDF: 2.0/3

diff_bpm0l02X_rms vs slug



Right In: 9226.965+/-6.049 χ^2/NDF : 2170.3/2

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

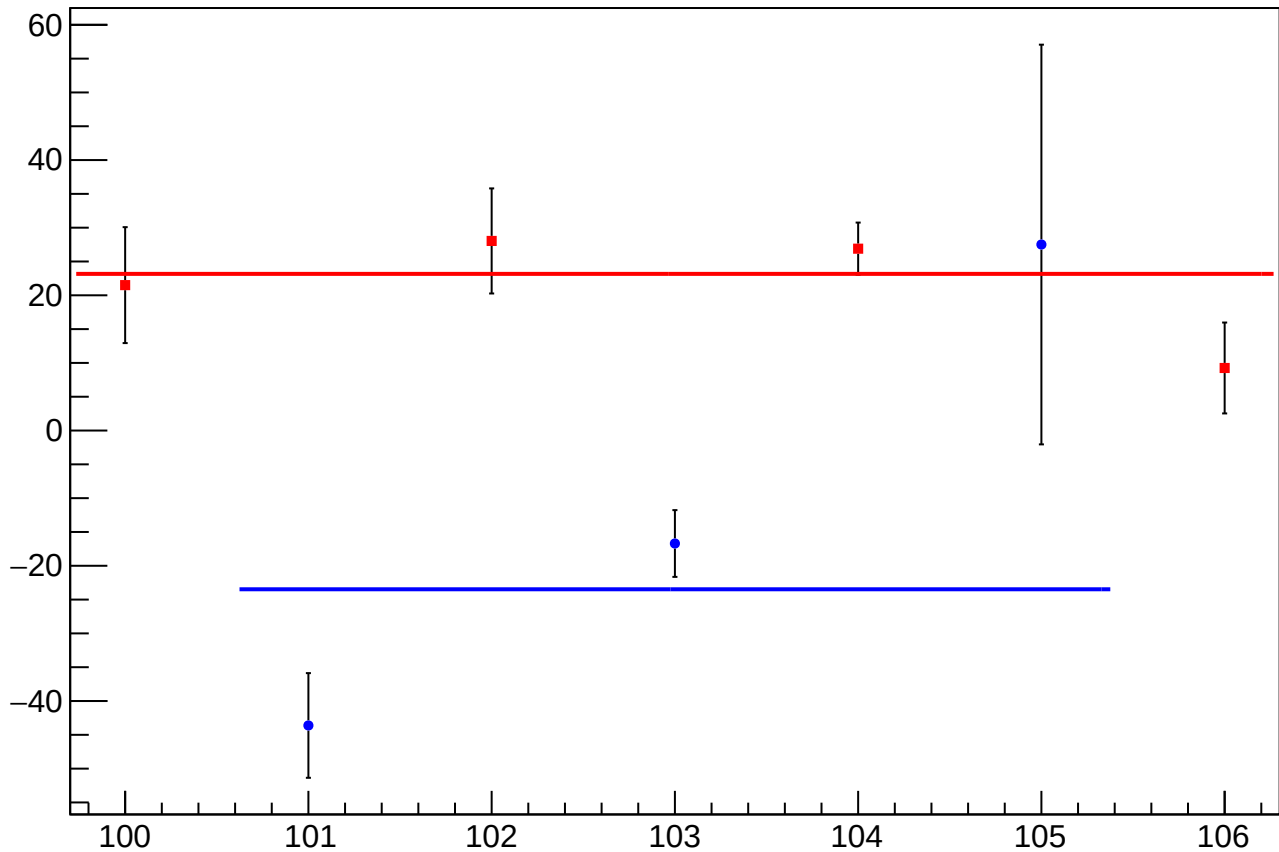
Right Out: 9550.434+/-5.702 χ^2/NDF : 17310.7/3

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

9226.965+/-6.049 χ^2/NDF : 2170.3/2

9550.434+/-5.702 χ^2/NDF : 17310.7/3

diff_bpm0l02Y_mean vs slug



Right In: -23.476 $\pm$ 4.122 χ^2 /NDF: 11.6/2

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

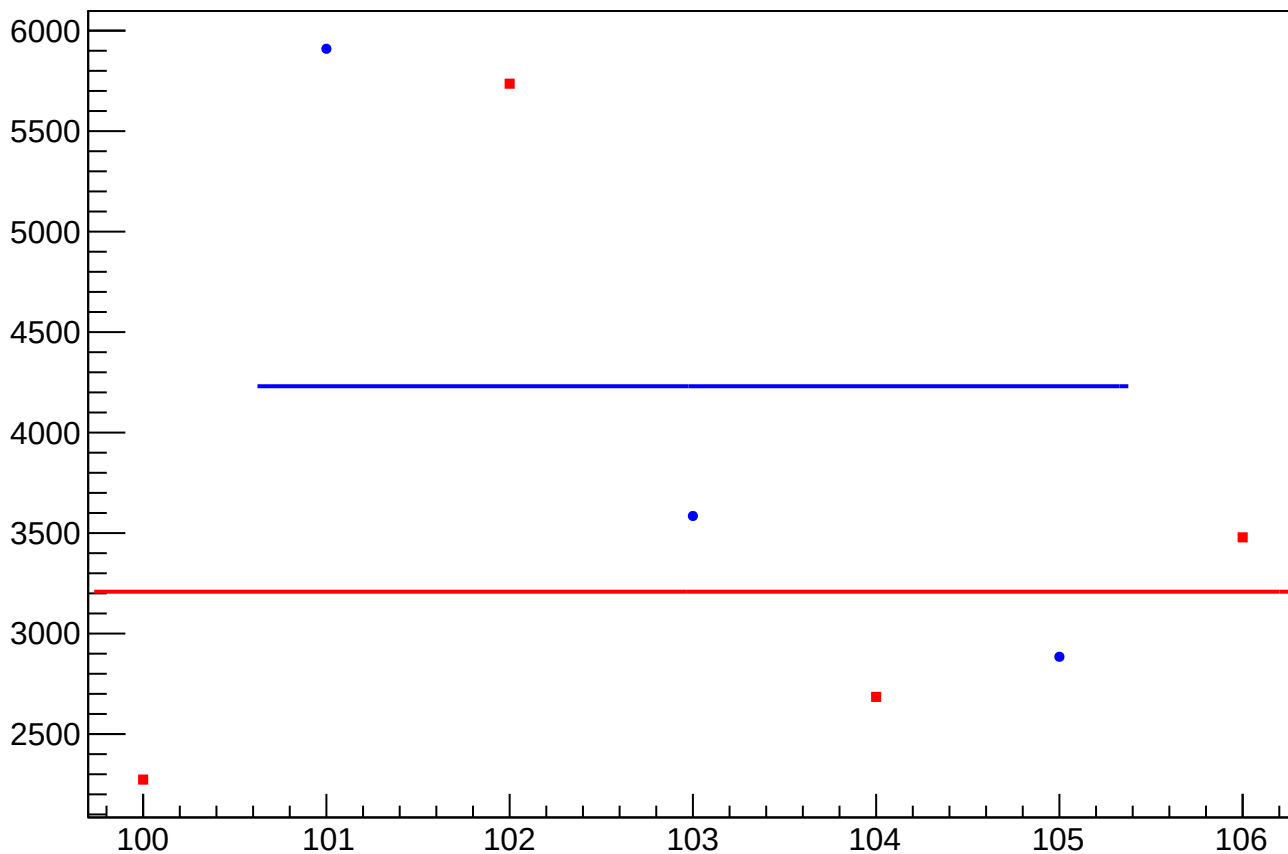
Right Out: 23.168 $\pm$ 2.894 χ^2 /NDF: 5.7/3

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

-23.476 $\pm$ 4.122 χ^2 /NDF: 11.6/2

23.168 $\pm$ 2.894 χ^2 /NDF: 5.7/3

diff_bpm0l02Y_rms vs slug



Right In: 4230.653+/-2.915 χ^2/NDF : 132451.8/2

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

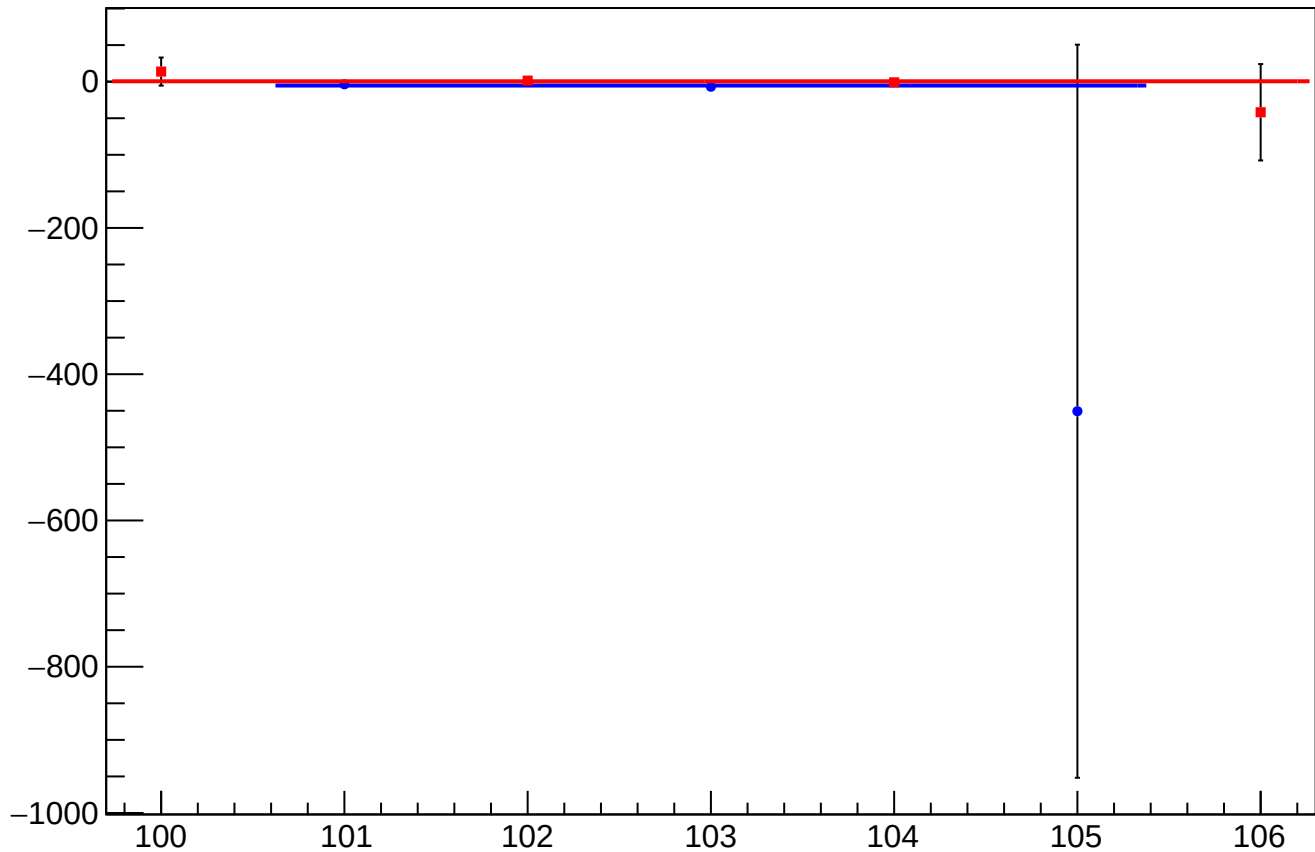
Right Out: 3208.420+/-2.046 χ^2/NDF : 275463.2/3

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

4230.653+/-2.915 χ^2/NDF : 132451.8/2

3208.420+/-2.046 χ^2/NDF : 275463.2/3

diff_bpm0l03X_mean vs slug



Right In: -5.274 $\pm$ 2.715 χ^2 /NDF: 1.2/2

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

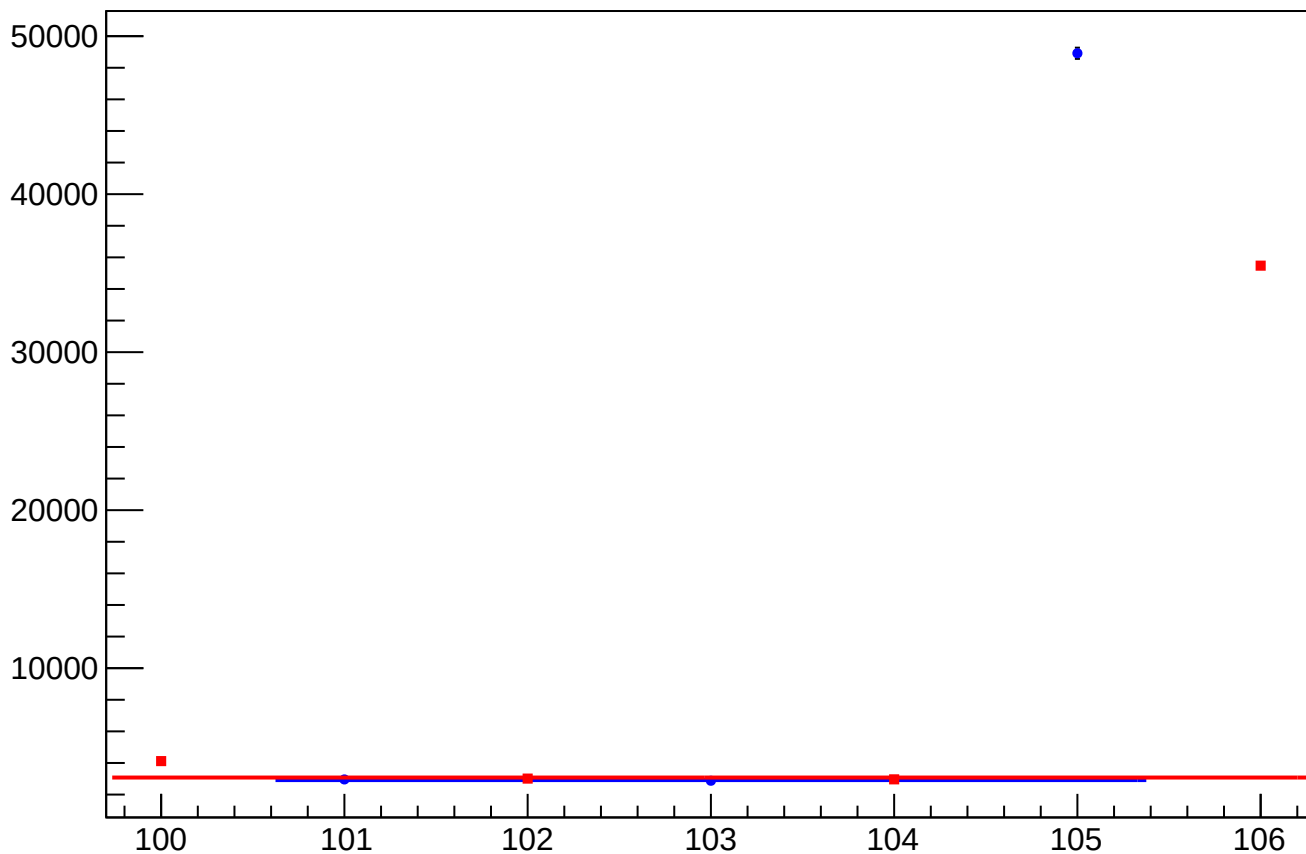
Right Out: 0.523 $\pm$ 2.915 χ^2 /NDF: 1.1/3

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

-5.274 $\pm$ 2.715 χ^2 /NDF: 1.2/2

0.523 $\pm$ 2.915 χ^2 /NDF: 1.1/3

diff_bpm0l03X_rms vs slug



Right In: 2917.185+/-1.920 χ^2/NDF : 17320.6/2

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

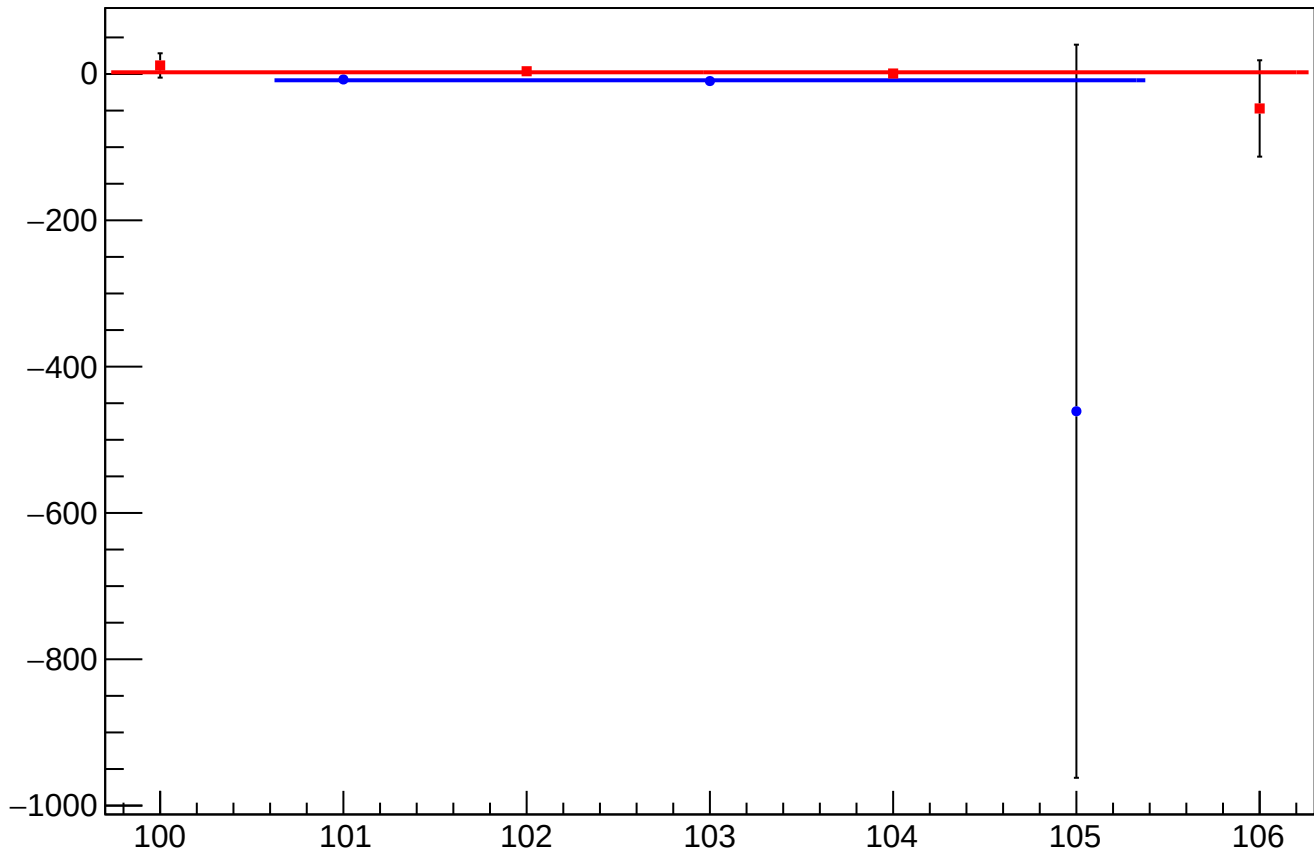
Right Out: 3077.925+/-2.061 χ^2/NDF : 491362.3/3

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

2917.185+/-1.920 χ^2/NDF : 17320.6/2

3077.925+/-2.061 χ^2/NDF : 491362.3/3

diff_bpm0l03Y_mean vs slug



Right In: -8.586+/-1.856 χ^2 /NDF: 1.2/2

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

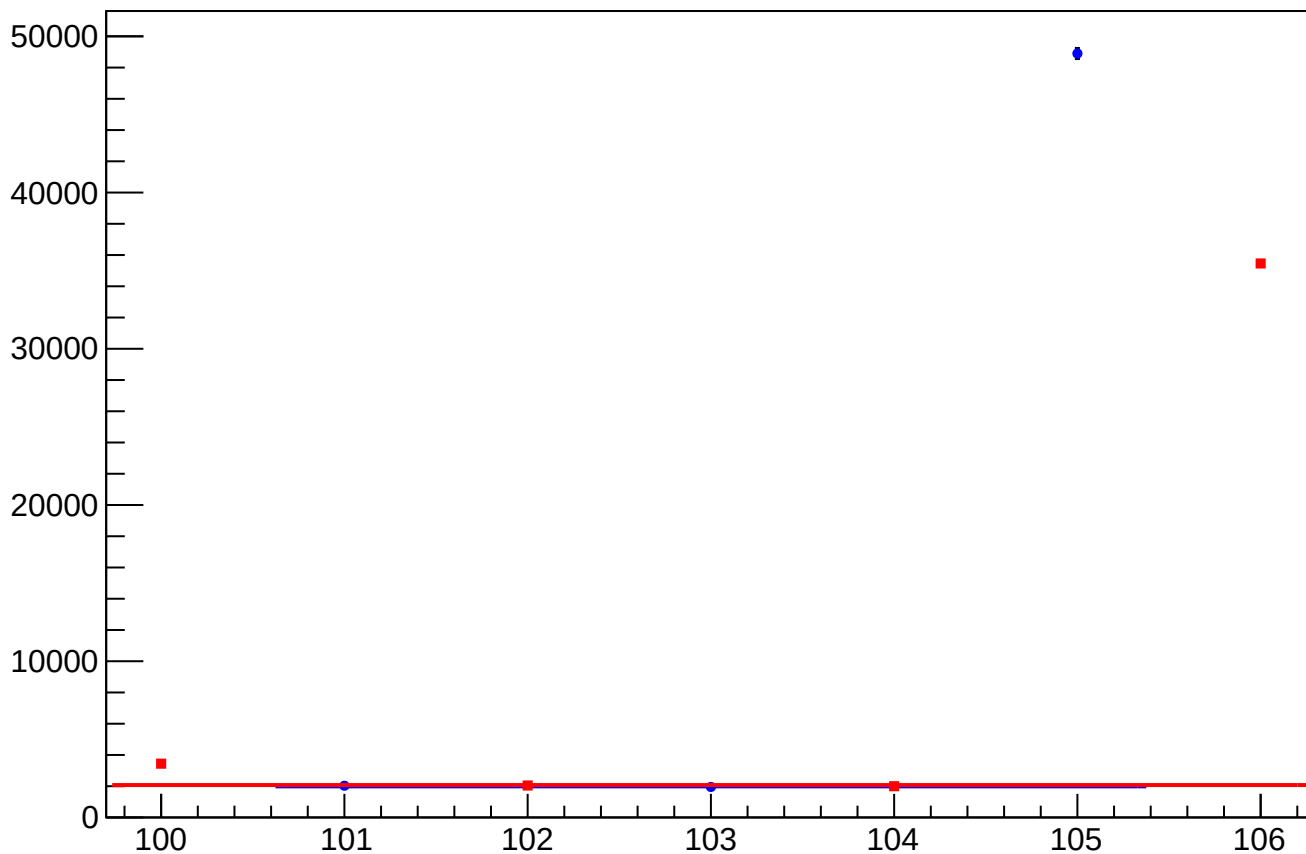
Right Out: 2.339+/-1.998 χ^2 /NDF: 1.5/3

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

-8.586+/-1.856 χ^2 /NDF: 1.2/2

2.339+/-1.998 χ^2 /NDF: 1.5/3

diff_bpm0l03Y_rms vs slug



Right In: 1991.010 $\pm$ 1.313 χ^2 /NDF: 18427.1/2

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

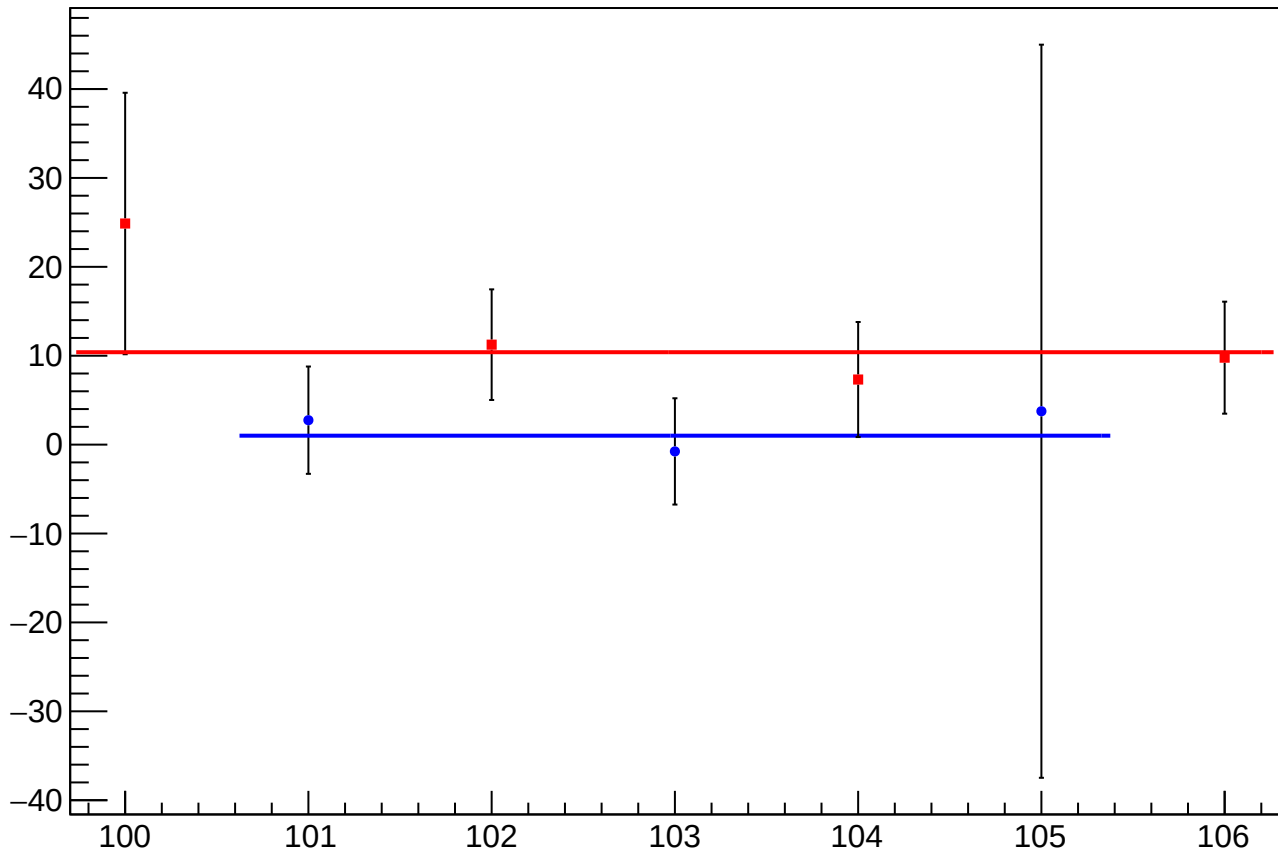
Right Out: 2074.257 $\pm$ 1.413 χ^2 /NDF: 528984.0/3

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

1991.010 $\pm$ 1.313 χ^2 /NDF: 18427.1/2

2074.257 $\pm$ 1.413 χ^2 /NDF: 528984.0/3

diff_bpm0l04X_mean vs slug



Right In: 1.005 $\pm$ 4.225 χ^2 /NDF: 0.2/2

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

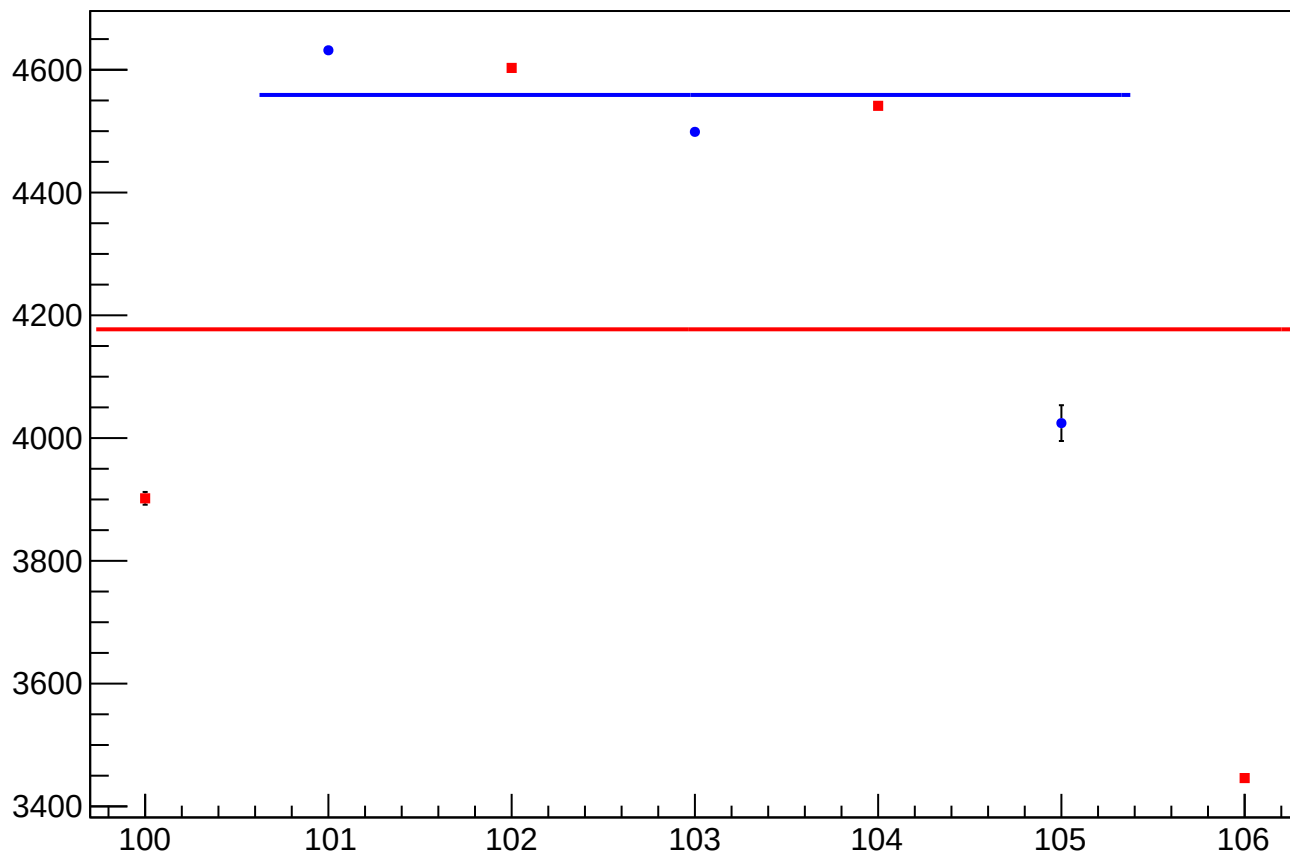
1.005 $\pm$ 4.225 χ^2 /NDF: 0.2/2

Right Out: 10.396 $\pm$ 3.546 χ^2 /NDF: 1.2/3

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

10.396 $\pm$ 3.546 χ^2 /NDF: 1.2/3

diff_bpm0l04X_rms vs slug



Right In: 4559.007+/-2.988 χ^2/NDF : 829.0/2

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

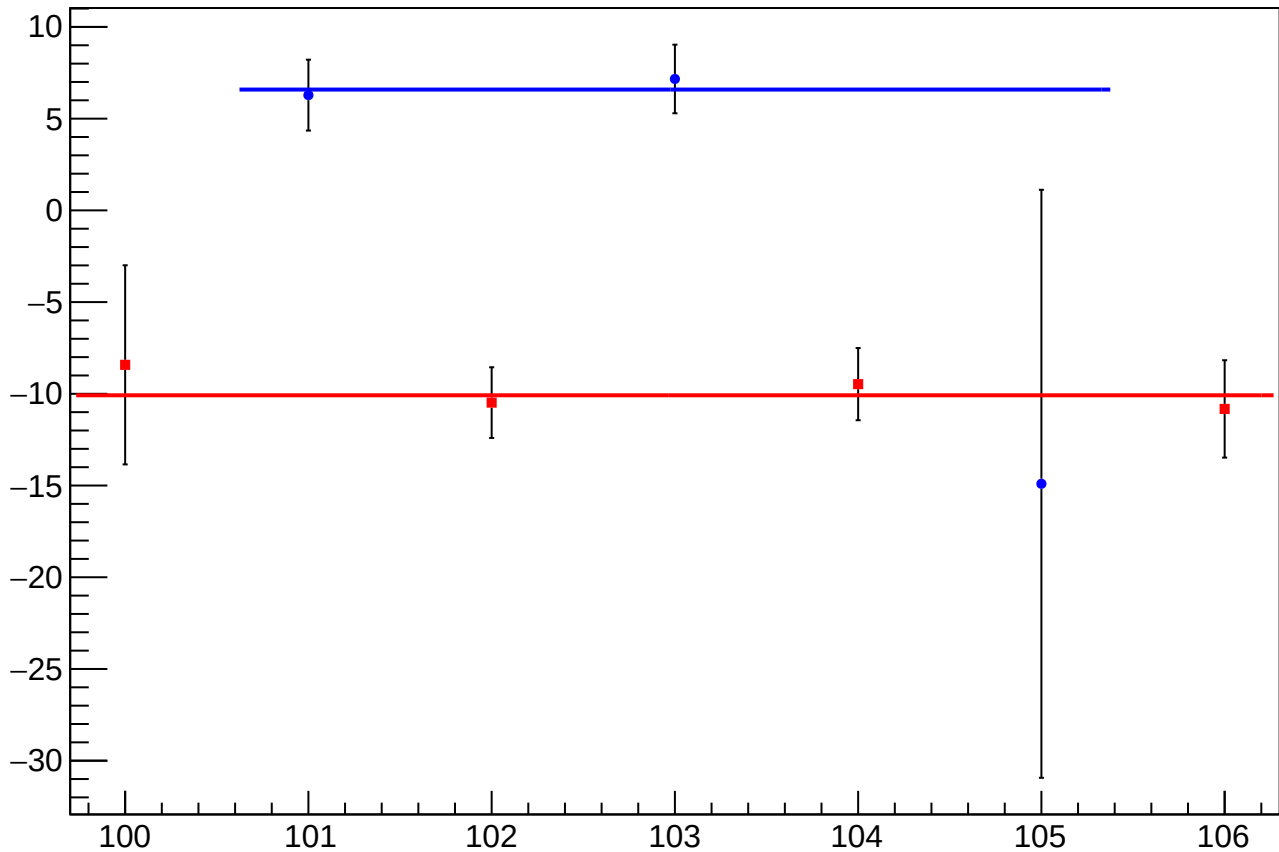
Right Out: 4177.178+/-2.507 χ^2/NDF : 43335.7/3

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

4559.007+/-2.988 χ^2/NDF : 829.0/2

4177.178+/-2.507 χ^2/NDF : 43335.7/3

diff_bpm0l04Y_mean vs slug



Right In: 6.586 $\pm$ 1.339 χ^2 /NDF: 1.9/2

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

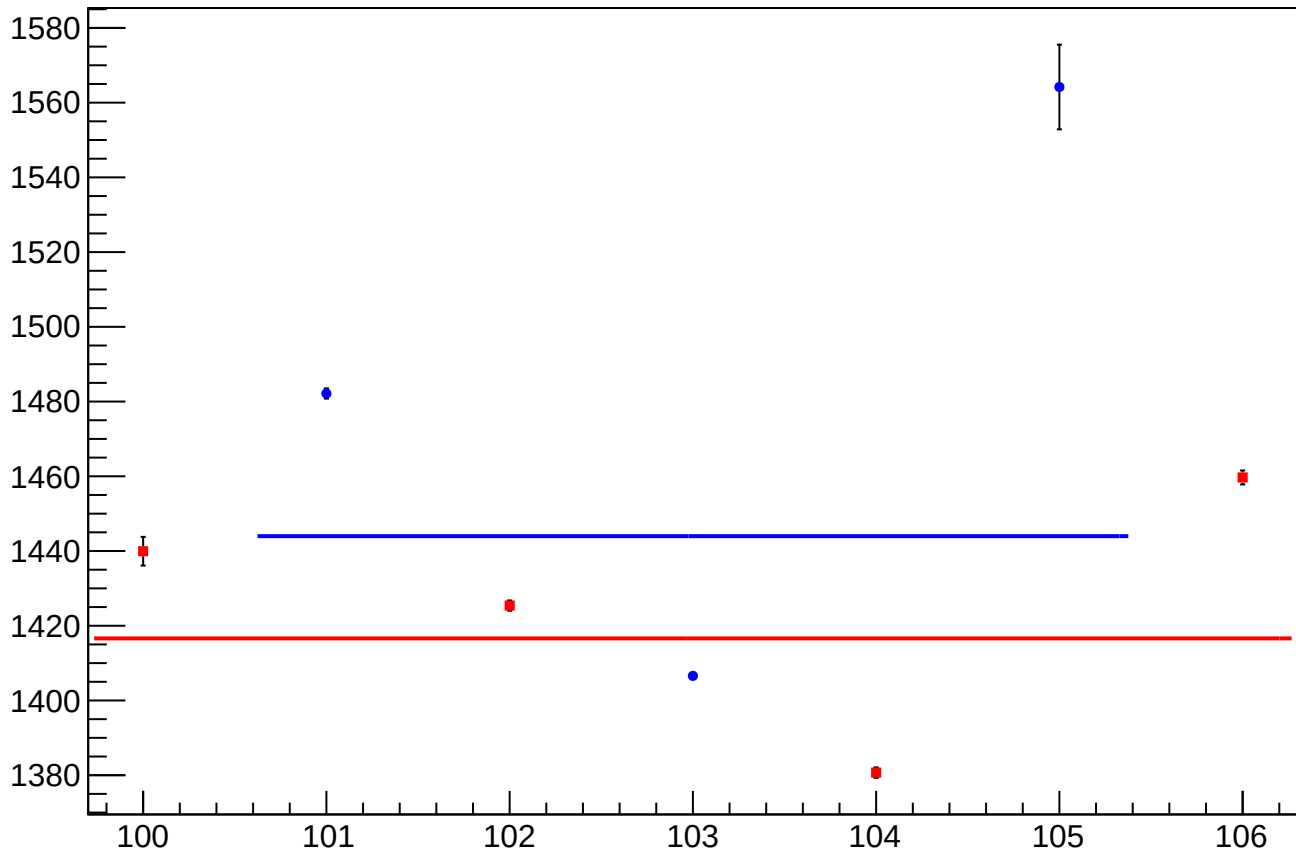
6.586 $\pm$ 1.339 χ^2 /NDF: 1.9/2

Right Out: -10.080 $\pm$ 1.192 χ^2 /NDF: 0.3/3

-10.080 $\pm$ 1.192 χ^2 /NDF: 0.3/3

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

diff_bpm0l04Y_rms vs slug



Right In: 1443.977 $\pm$ 0.947 χ^2 /NDF: 1693.6/2

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

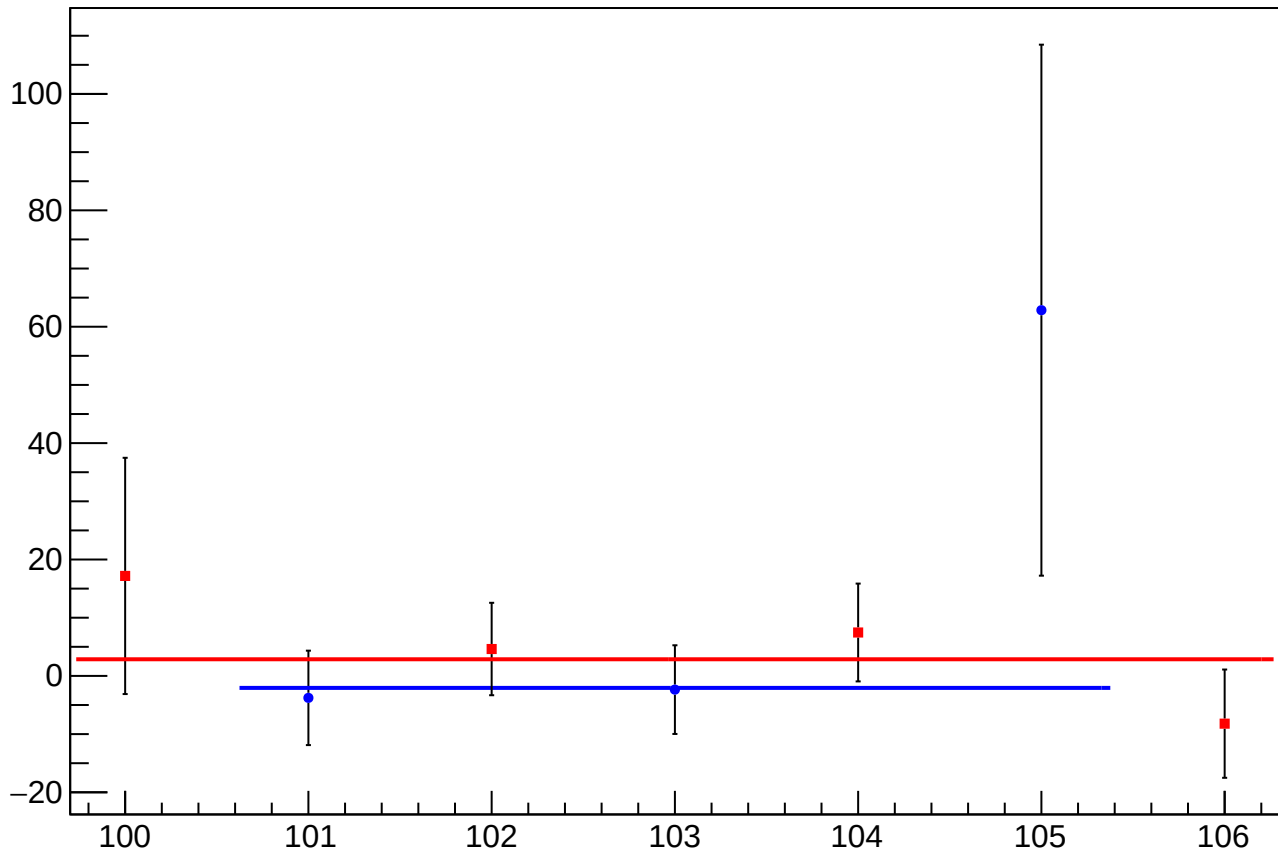
1443.977 $\pm$ 0.947 χ^2 /NDF: 1693.6/2

Right Out: 1416.613 $\pm$ 0.843 χ^2 /NDF: 1271.9/3

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

1416.613 $\pm$ 0.843 χ^2 /NDF: 1271.9/3

diff_bpm0l05X_mean vs slug



Right In: -2.059+/-5.513 χ^2/NDF : 2.1/2

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

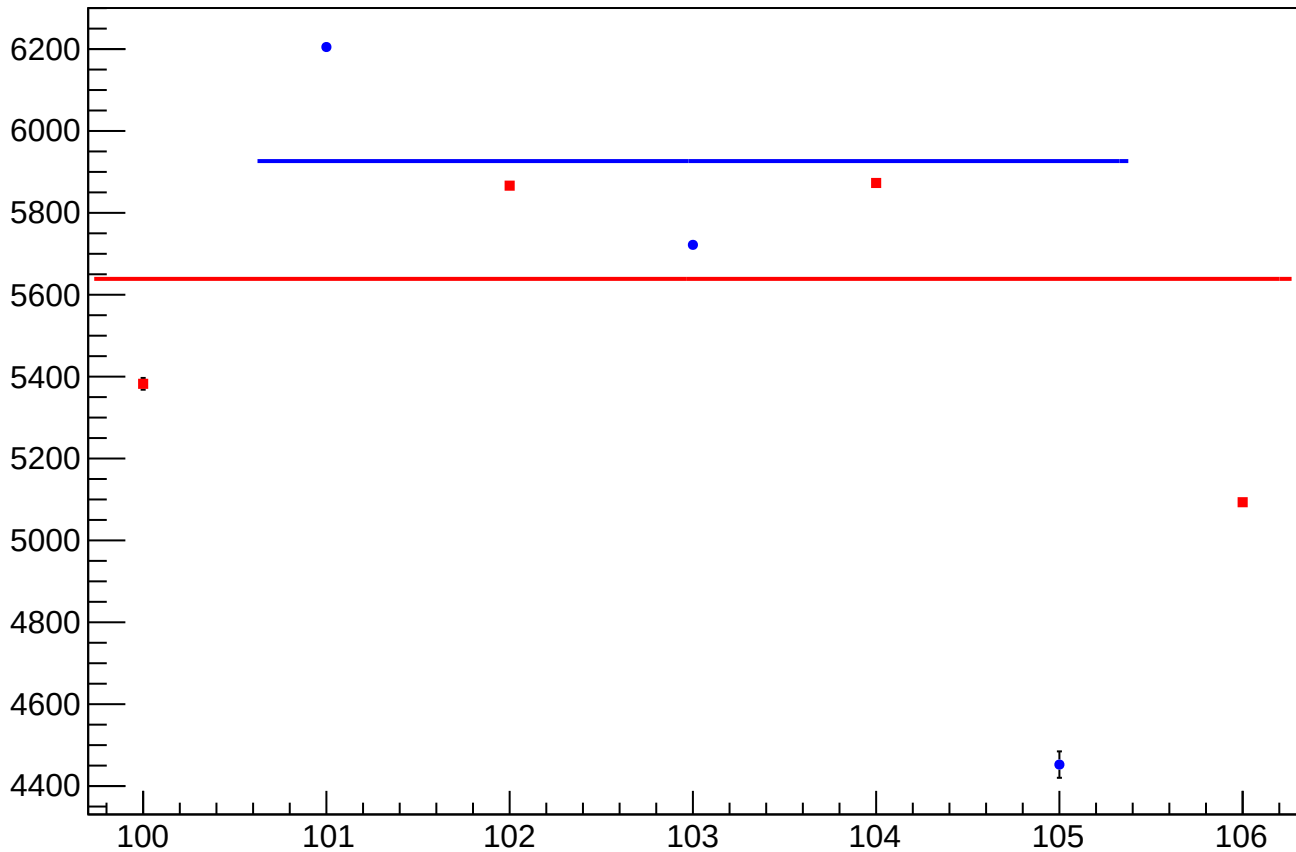
Right Out: 2.858+/-4.767 χ^2/NDF : 2.3/3

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

-2.059+/-5.513 χ^2/NDF : 2.1/2

2.858+/-4.767 χ^2/NDF : 2.3/3

diff_bpm0l05X_rms vs slug



Right In: 5926.467 $\pm$ 3.898 χ^2 /NDF: 5888.1/2

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

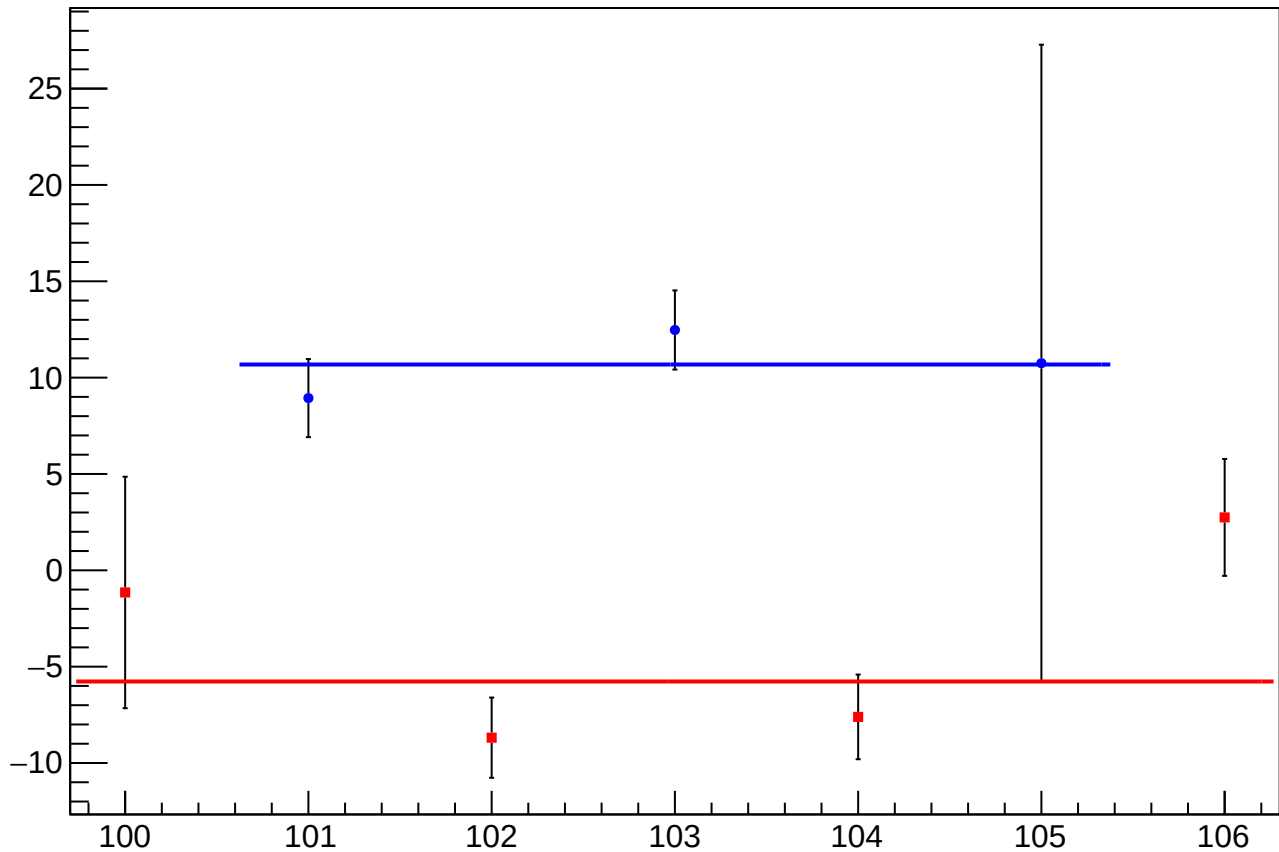
5926.467 $\pm$ 3.898 χ^2 /NDF: 5888.1/2

Right Out: 5638.770 $\pm$ 3.371 χ^2 /NDF: 10394.3/3

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

5638.770 $\pm$ 3.371 χ^2 /NDF: 10394.3/3

diff_bpm0l05Y_mean vs slug



Right In: 10.681 $\pm$ 1.437 χ^2 /NDF: 1.5/2

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

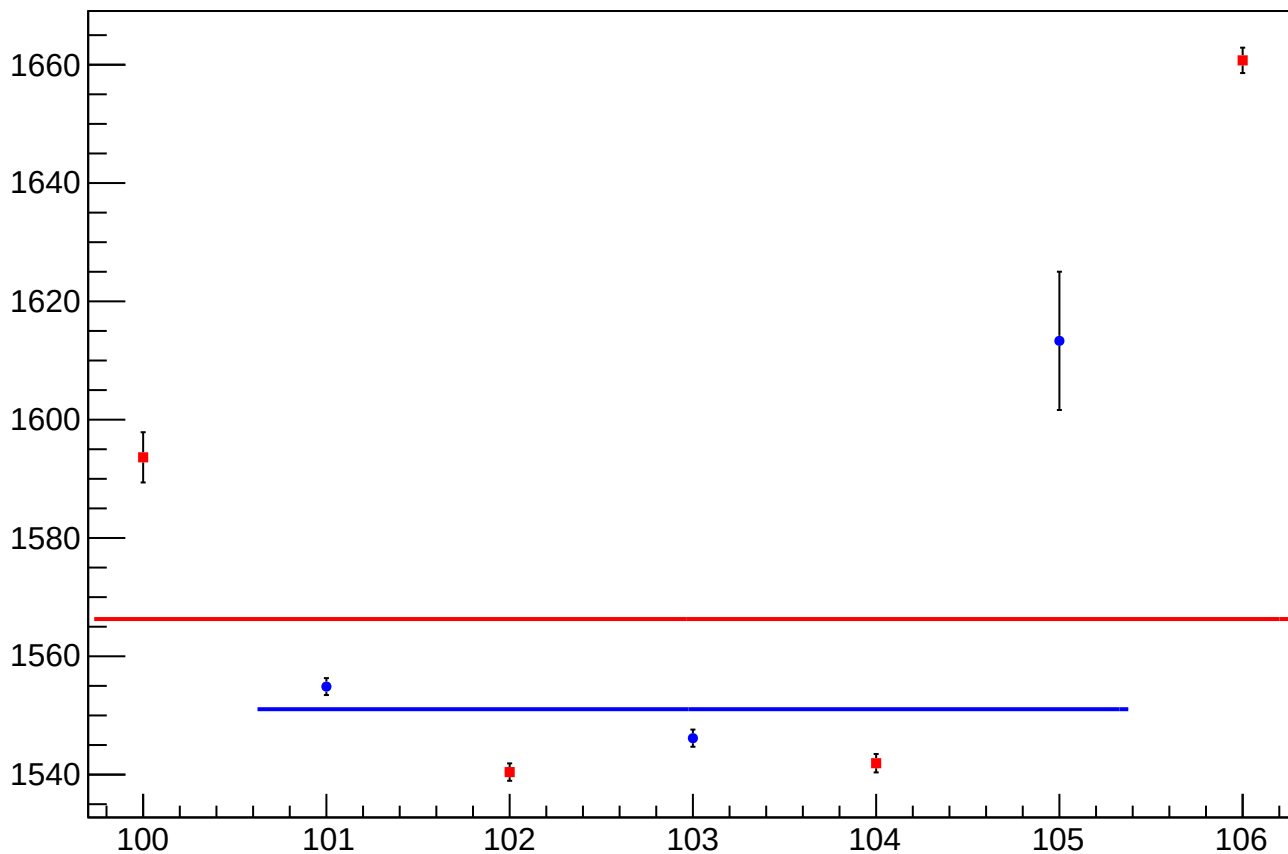
10.681 $\pm$ 1.437 χ^2 /NDF: 1.5/2

Right Out: -5.770 $\pm$ 1.320 χ^2 /NDF: 11.1/3

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

-5.770 $\pm$ 1.320 χ^2 /NDF: 11.1/3

diff_bpm0l05Y_rms vs slug



Right In: 1551.055+/-1.016 χ^2/NDF : 46.9/2

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

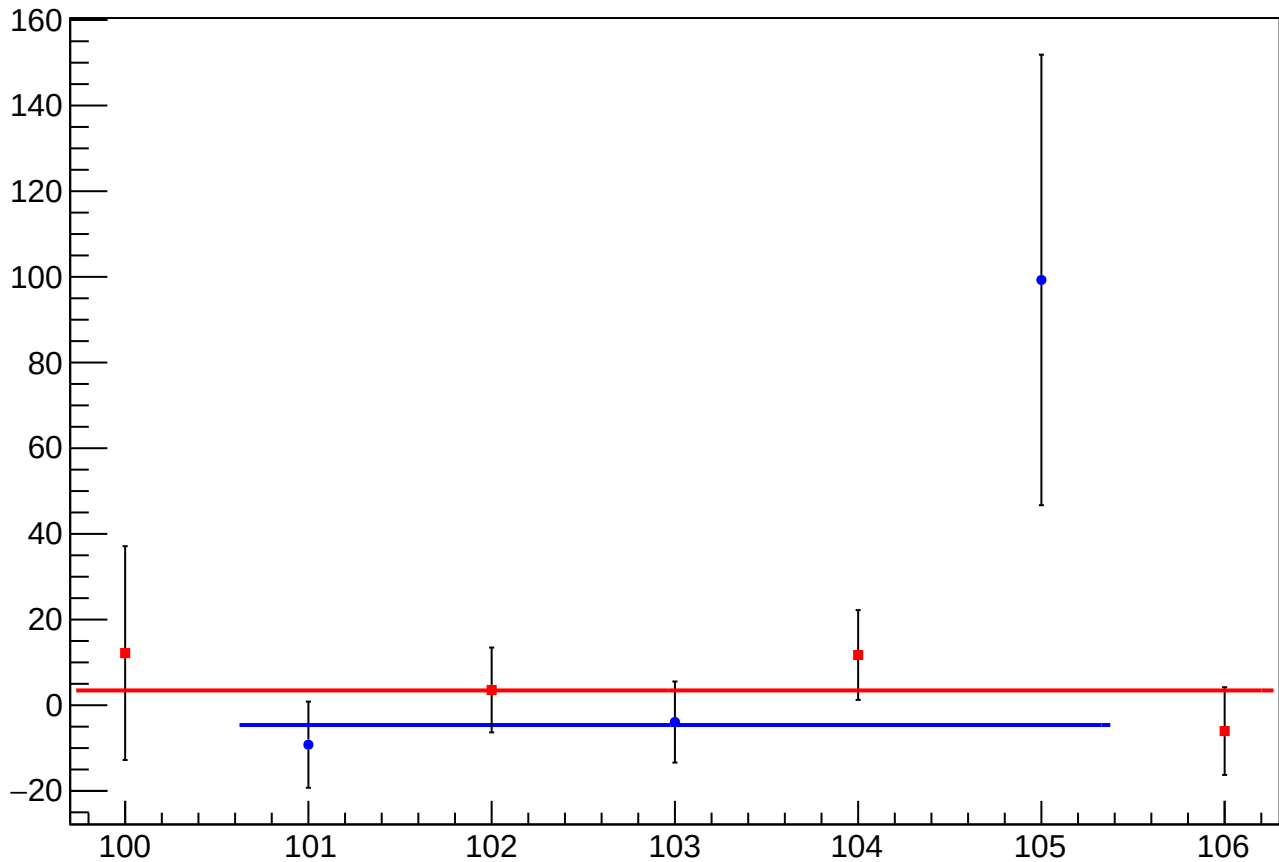
Right Out: 1566.300+/-0.933 χ^2/NDF : 2534.4/3

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

1551.055+/-1.016 χ^2/NDF : 46.9/2

1566.300+/-0.933 χ^2/NDF : 2534.4/3

diff_bpm0l06X_mean vs slug



Right In: -4.617 ± 6.834 χ^2/NDF : 4.1/2

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

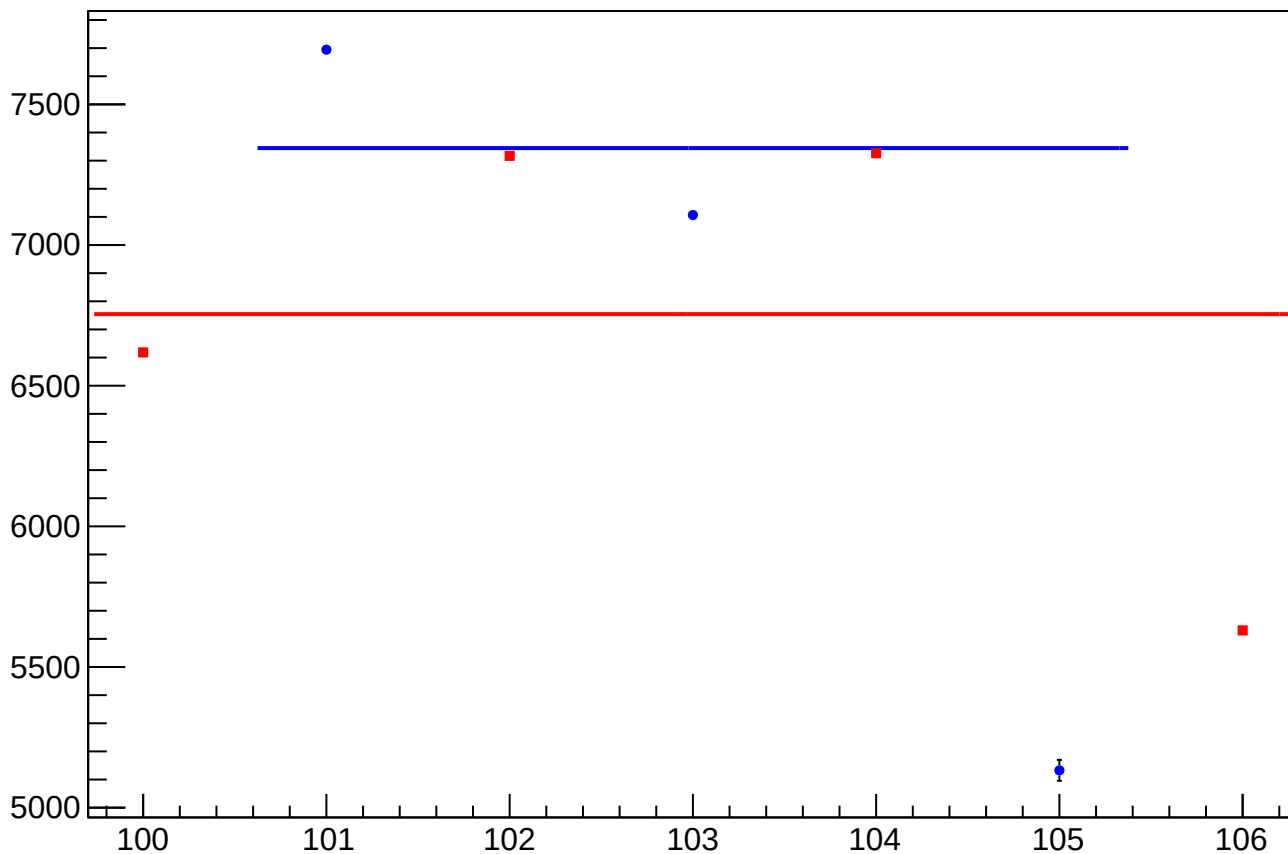
Right Out: 3.454 ± 5.732 χ^2/NDF : 1.6/3

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

-4.617 ± 6.834 χ^2/NDF : 4.1/2

3.454 ± 5.732 χ^2/NDF : 1.6/3

diff_bpm0l06X_rms vs slug



Right In: 7344.666 $\pm$ 4.833 χ^2 /NDF: 7221.1/2

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

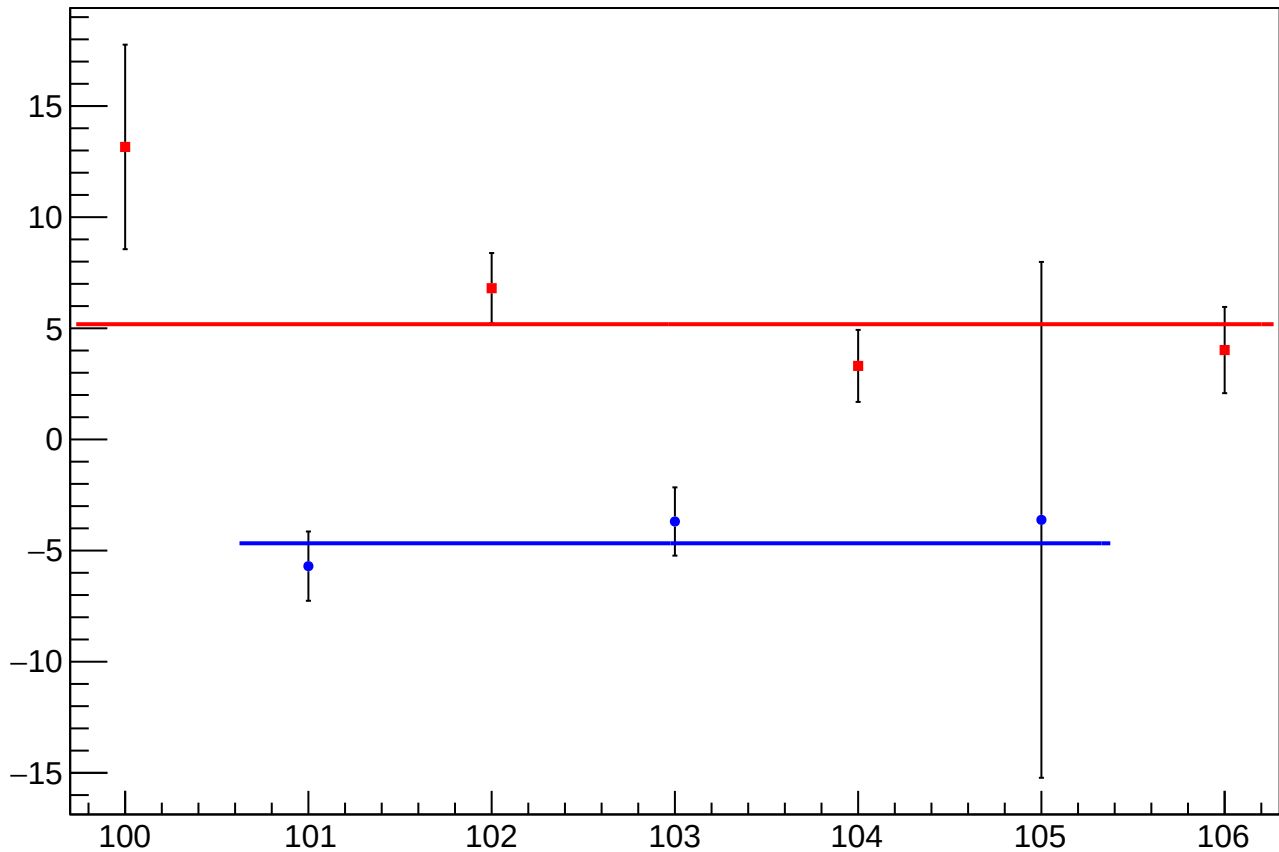
Right Out: 6754.454 $\pm$ 4.053 χ^2 /NDF: 36586.5/3

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

7344.666 $\pm$ 4.833 χ^2 /NDF: 7221.1/2

6754.454 $\pm$ 4.053 χ^2 /NDF: 36586.5/3

diff_bpm0l06Y_mean vs slug



Right In: -4.672+/-1.089 χ^2/NDF : 0.9/2

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

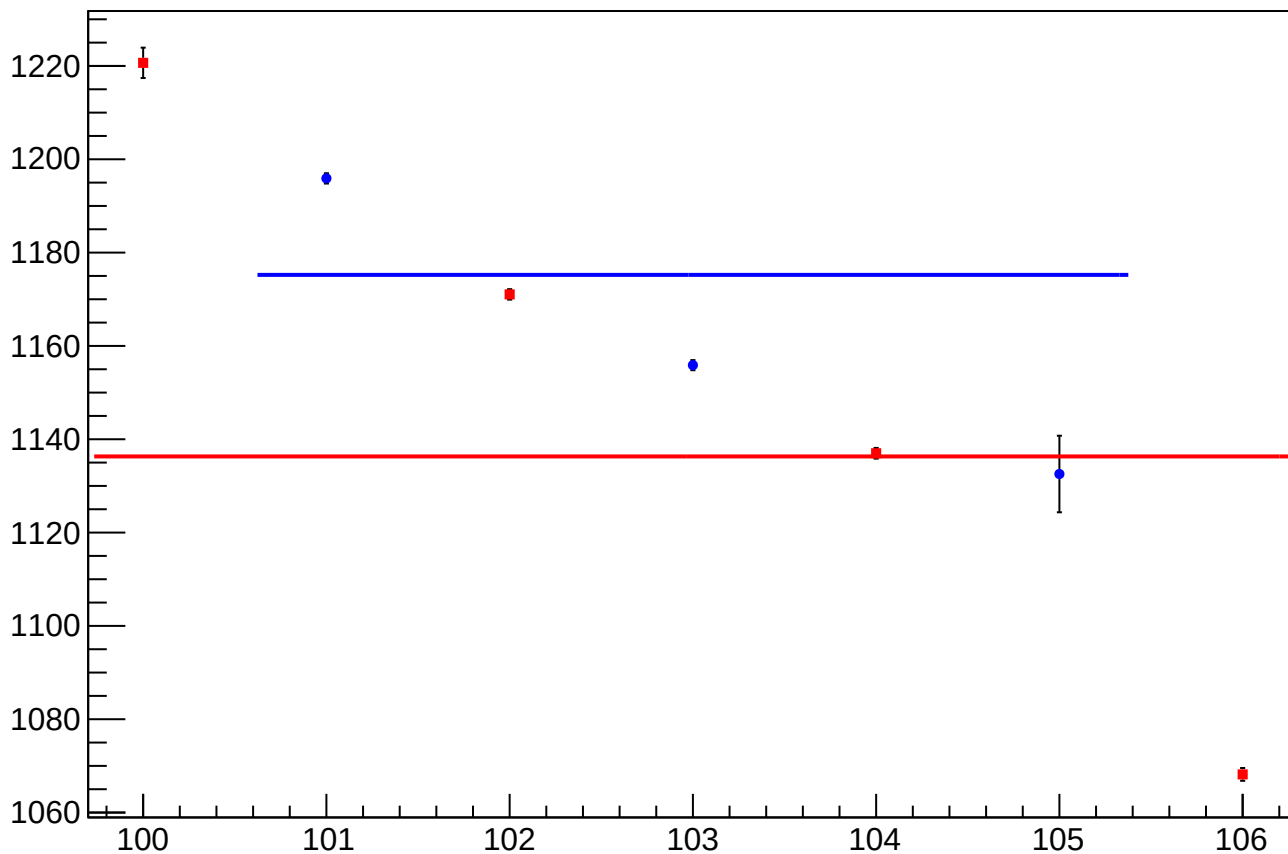
Right Out: 5.184+/-0.956 χ^2/NDF : 5.8/3

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

-4.672+/-1.089 χ^2/NDF : 0.9/2

5.184+/-0.956 χ^2/NDF : 5.8/3

diff_bpm0l06Y_rms vs slug



Right In: 1175.227+/-0.770 χ^2/NDF : 696.5/2

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

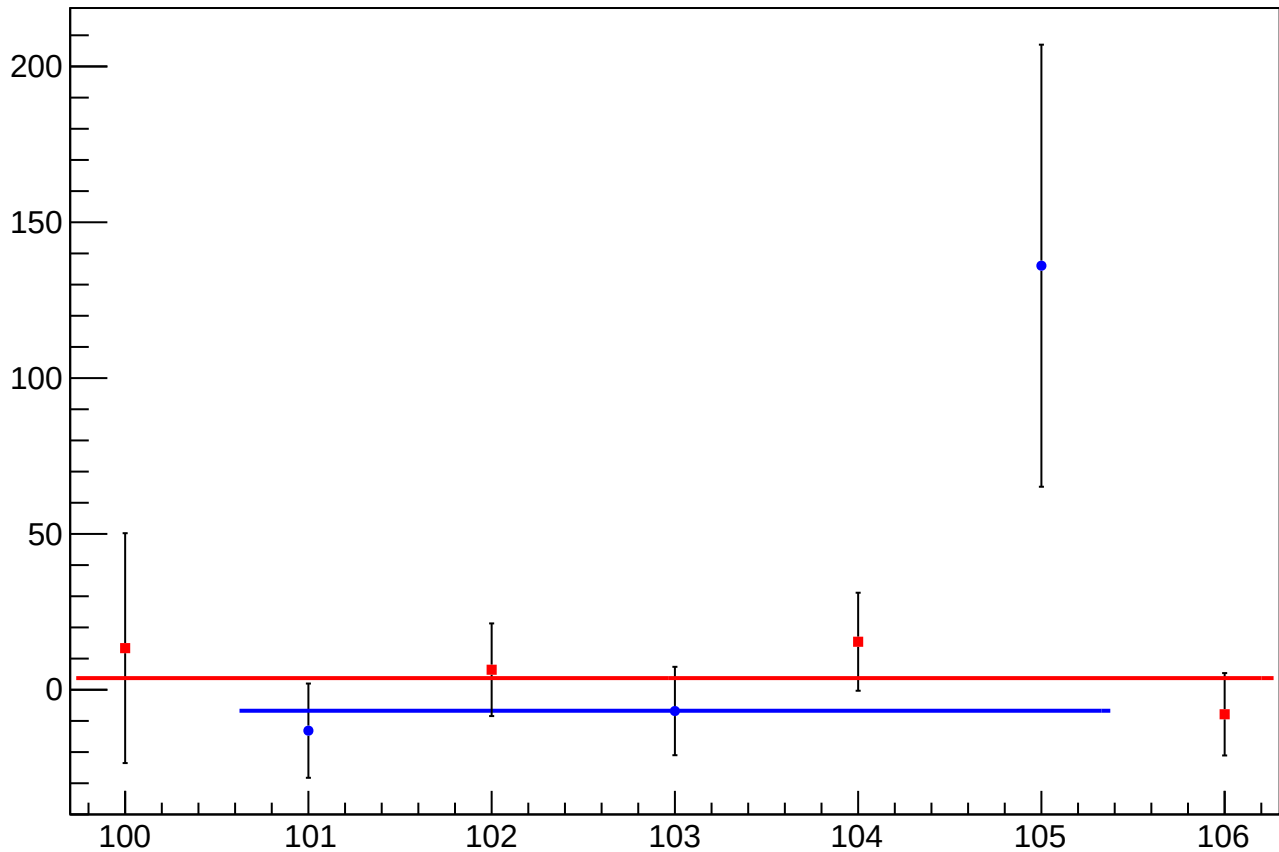
Right Out: 1136.318+/-0.676 χ^2/NDF : 4102.7/3

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

1175.227+/-0.770 χ^2/NDF : 696.5/2

1136.318+/-0.676 χ^2/NDF : 4102.7/3

diff_bpm0l07X_mean vs slug



Right In: -6.735+/-10.235 χ^2/NDF : 4.2/2

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

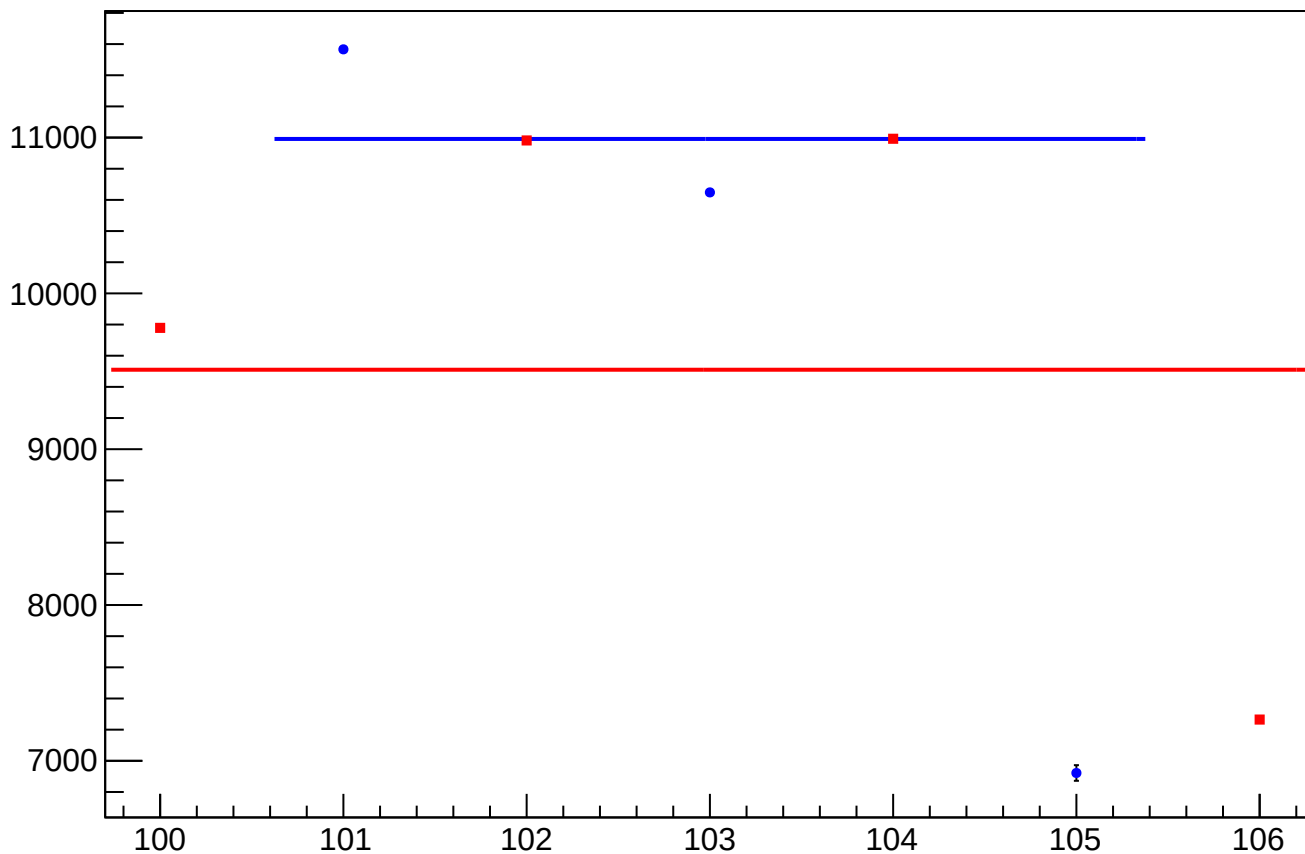
Right Out: 3.737+/-8.157 χ^2/NDF : 1.4/3

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

-6.735+/-10.235 χ^2/NDF : 4.2/2

3.737+/-8.157 χ^2/NDF : 1.4/3

diff_bpm0l07X_rms vs slug



Right In: 10991.189 $\pm$ 7.237 χ^2 /NDF: 10647.0/2

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

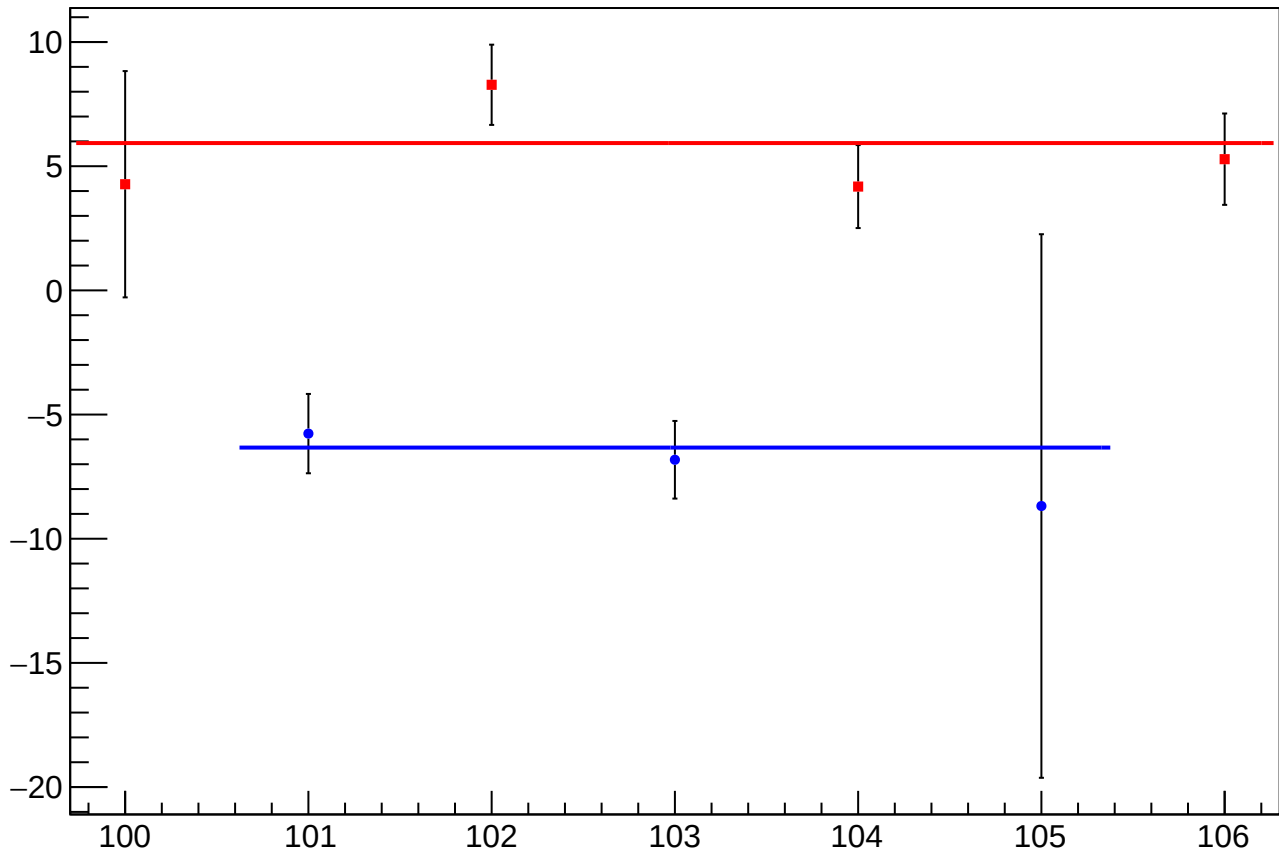
Right Out: 9510.018 $\pm$ 5.768 χ^2 /NDF: 95188.3/3

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

10991.189 $\pm$ 7.237 χ^2 /NDF: 10647.0/2

9510.018 $\pm$ 5.768 χ^2 /NDF: 95188.3/3

diff_bpm0l07Y_mean vs slug



Right In: -6.330 $\pm$ 1.111 χ^2 /NDF: 0.3/2

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

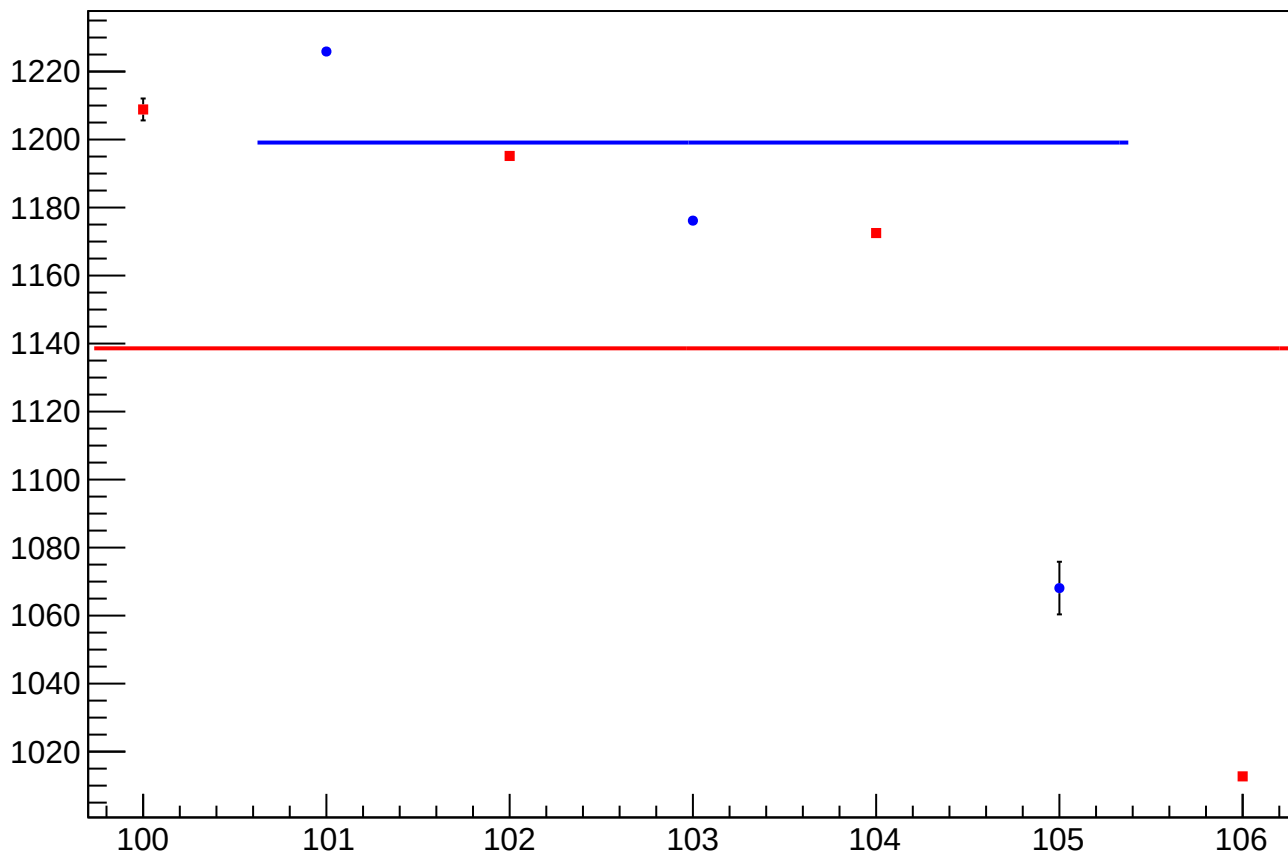
Right Out: 5.932 $\pm$ 0.960 χ^2 /NDF: 3.5/3

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

-6.330 $\pm$ 1.111 χ^2 /NDF: 0.3/2

5.932 $\pm$ 0.960 χ^2 /NDF: 3.5/3

diff_bpm0l07Y_rms vs slug



Right In: 1199.115 $\pm$ 0.786 χ^2 /NDF: 1280.0/2

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

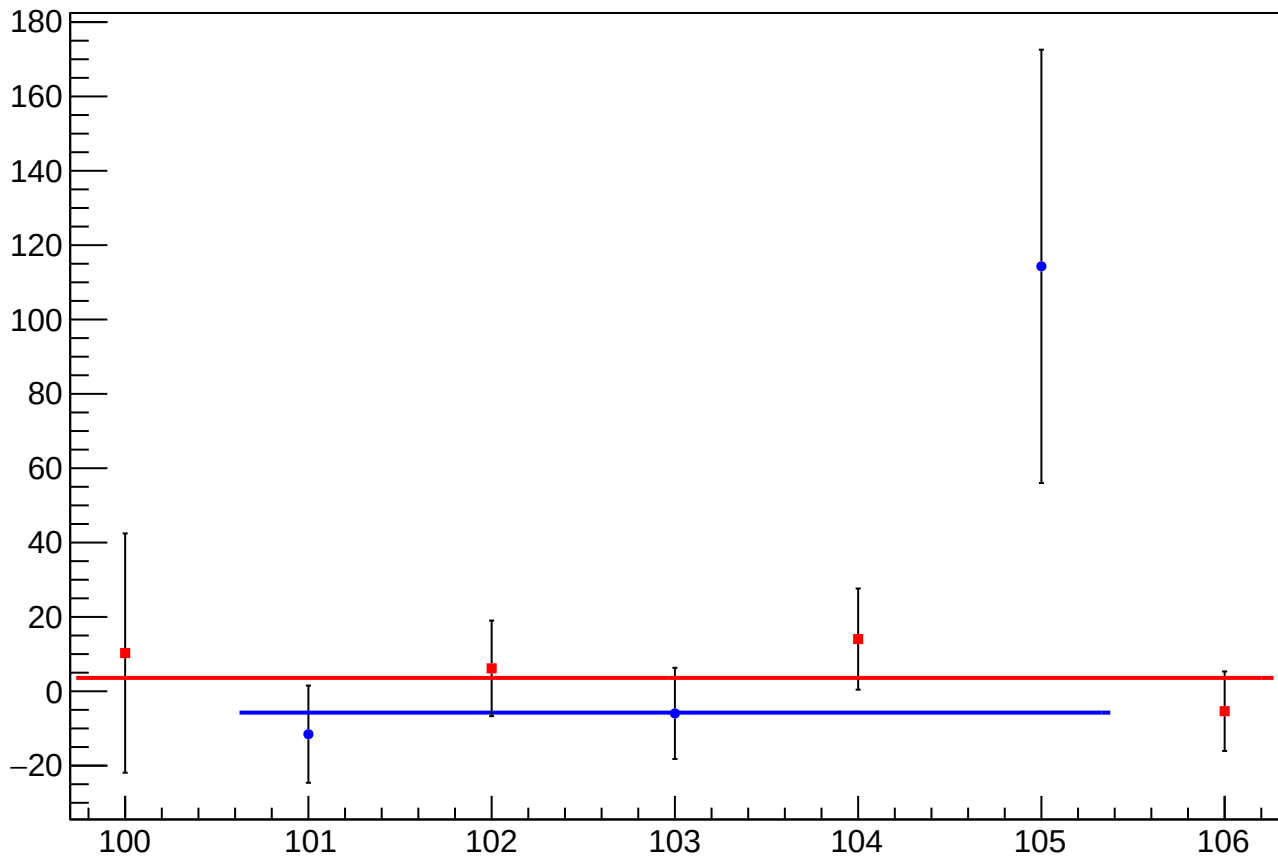
Right Out: 1138.598 $\pm$ 0.679 χ^2 /NDF: 13119.1/3

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

1199.115 $\pm$ 0.786 χ^2 /NDF: 1280.0/2

1138.598 $\pm$ 0.679 χ^2 /NDF: 13119.1/3

diff_bpm0l08X_mean vs slug



Right In: -5.741+/-8.839 χ^2/NDF : 4.4/2

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

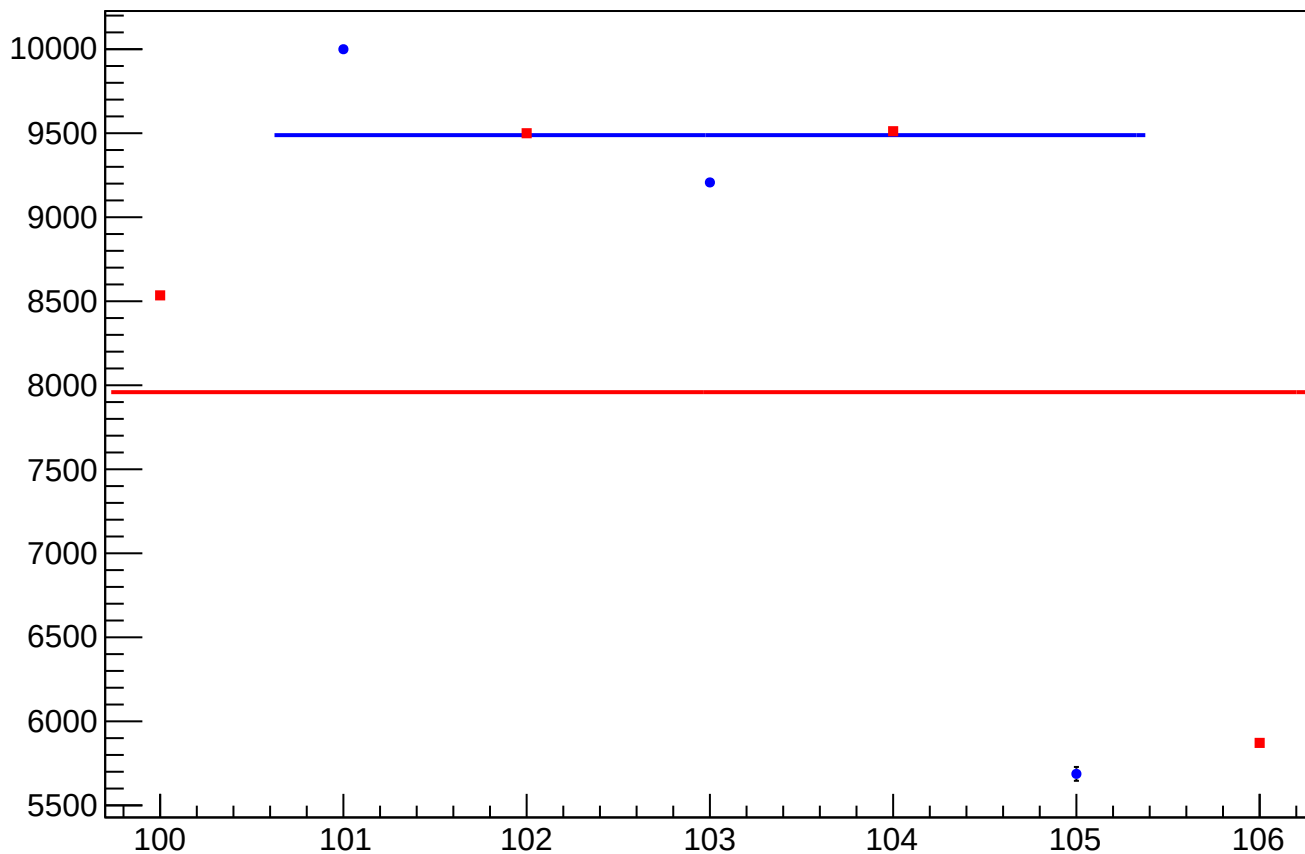
Right Out: 3.598+/-6.874 χ^2/NDF : 1.4/3

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

-5.741+/-8.839 χ^2/NDF : 4.4/2

3.598+/-6.874 χ^2/NDF : 1.4/3

diff_bpm0l08X_rms vs slug



Right In: 9488.528 $\pm$ 6.250 χ^2 /NDF: 12622.8/2

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

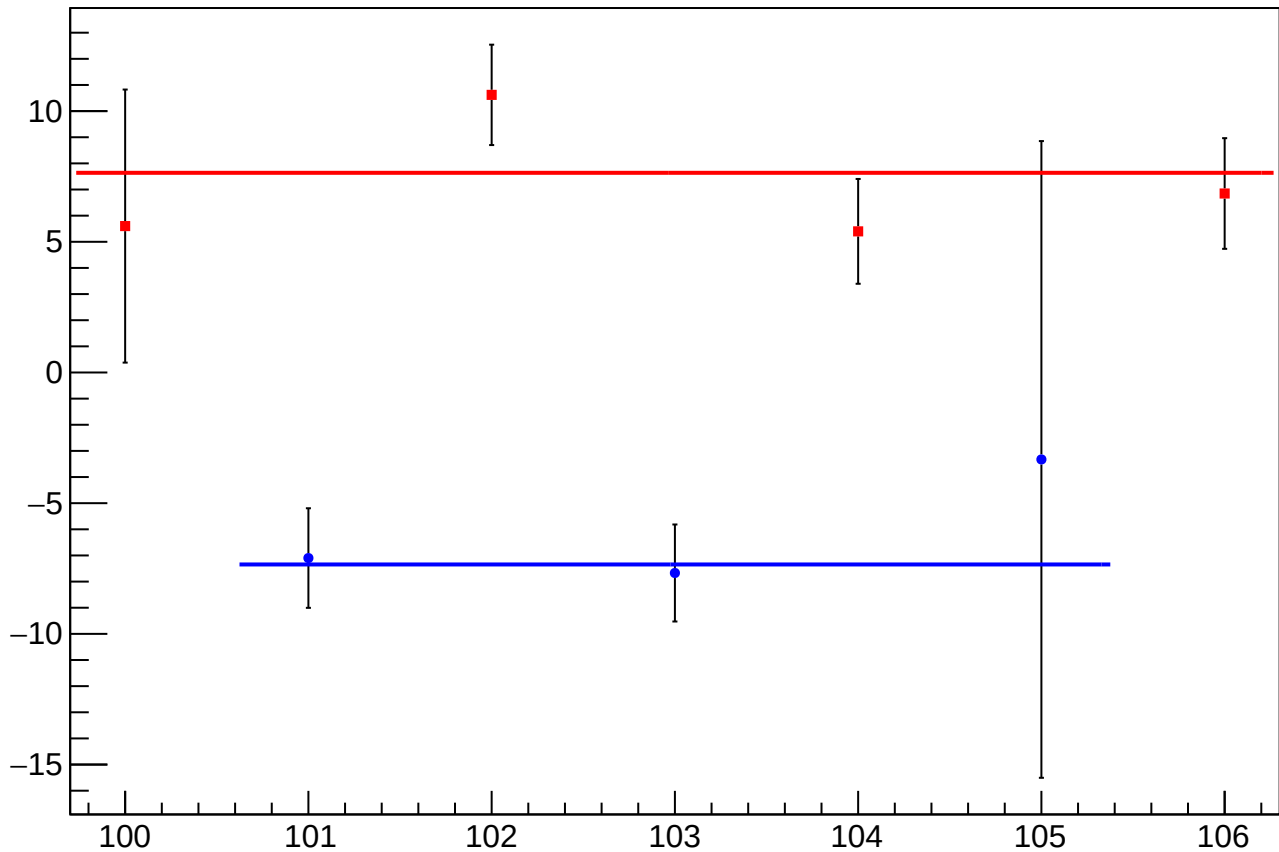
Right Out: 7958.942 $\pm$ 4.861 χ^2 /NDF: 131650.8/3

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

9488.528 $\pm$ 6.250 χ^2 /NDF: 12622.8/2

7958.942 $\pm$ 4.861 χ^2 /NDF: 131650.8/3

diff_bpm0l08Y_mean vs slug



Right In: -7.345+/-1.321 χ^2/NDF : 0.2/2

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

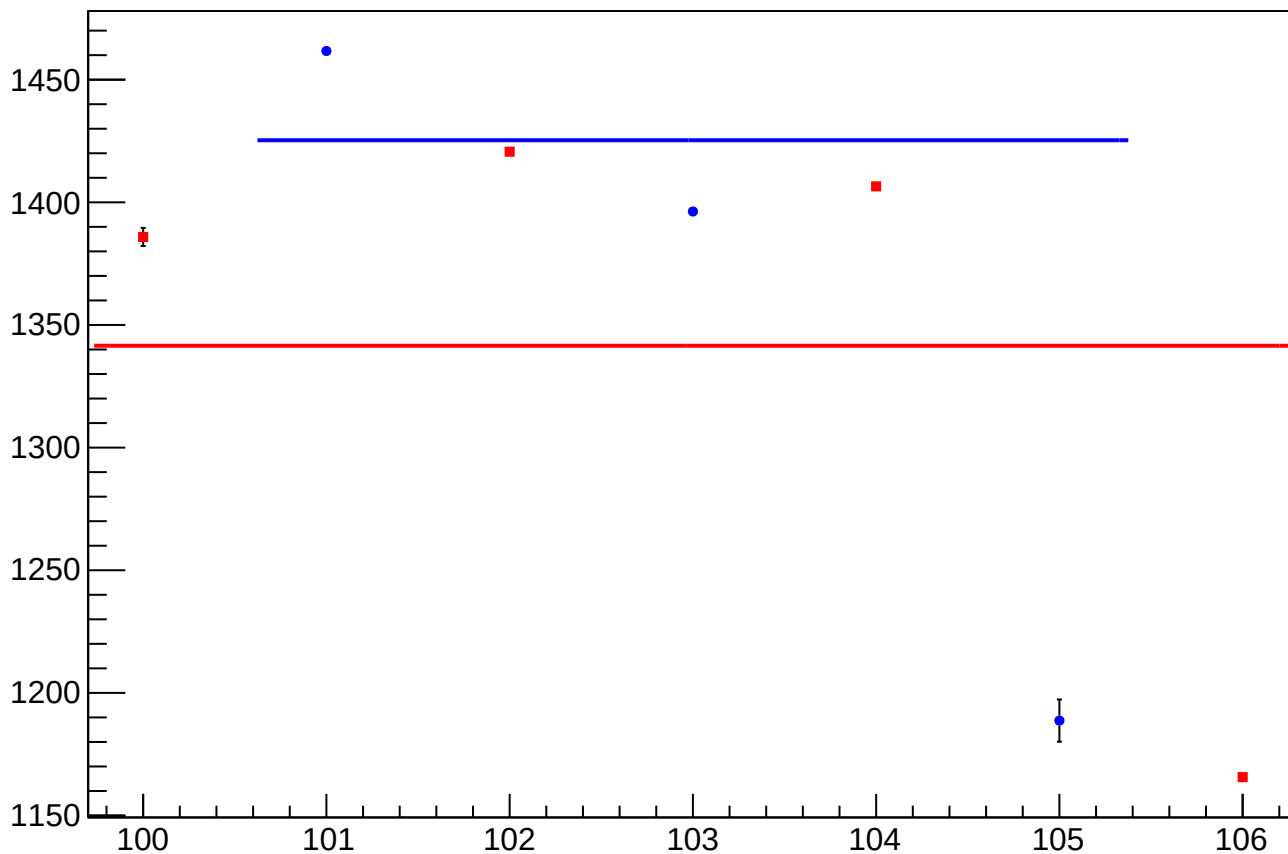
Right Out: 7.639+/-1.132 χ^2/NDF : 4.0/3

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

-7.345+/-1.321 χ^2/NDF : 0.2/2

7.639+/-1.132 χ^2/NDF : 4.0/3

diff_bpm0l08Y_rms vs slug



Right In: 1425.305+/-0.934 χ^2/NDF : 1974.6/2

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

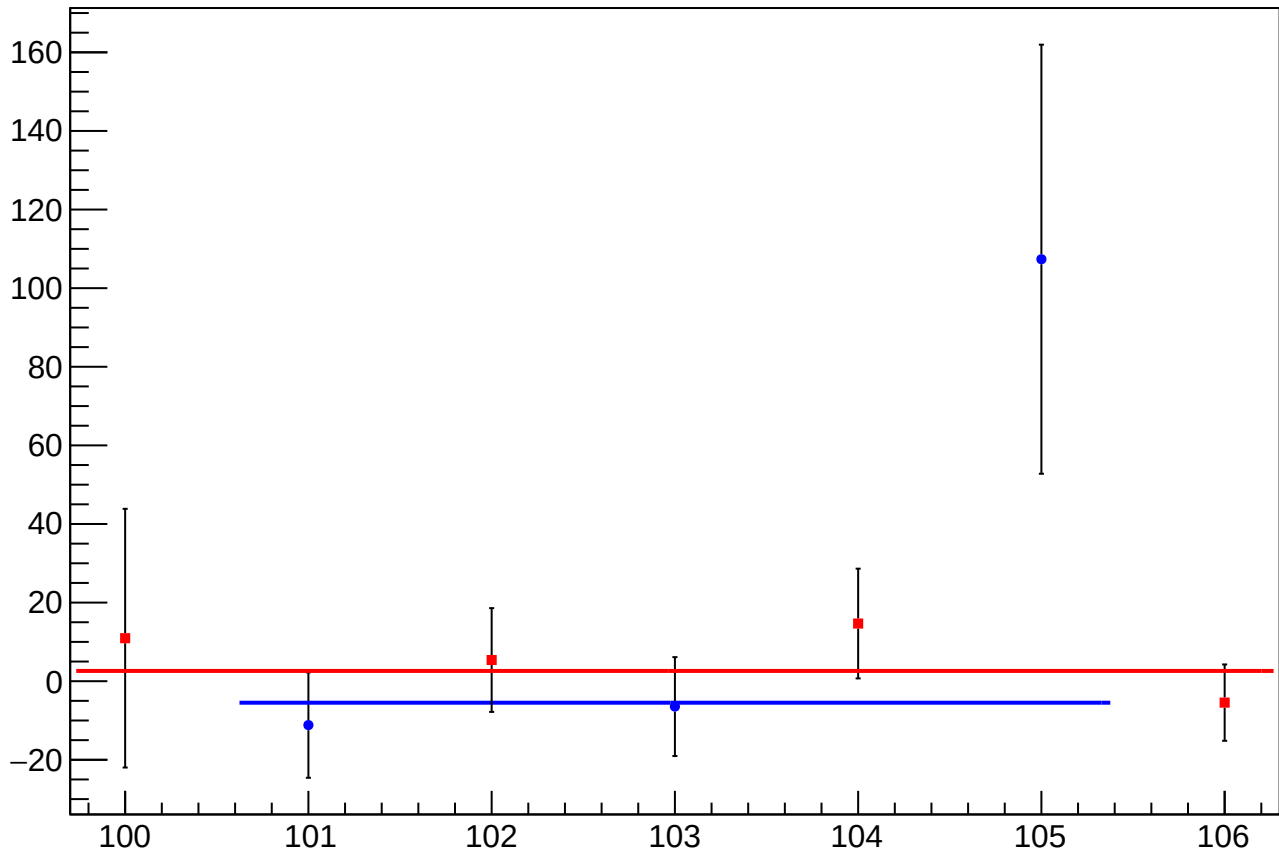
Right Out: 1341.537+/-0.801 χ^2/NDF : 19441.8/3

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

1425.305+/-0.934 χ^2/NDF : 1974.6/2

1341.537+/-0.801 χ^2/NDF : 19441.8/3

diff_bpm0l09X_mean vs slug



Right In: -5.472+/-9.050 χ^2/NDF : 4.5/2

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

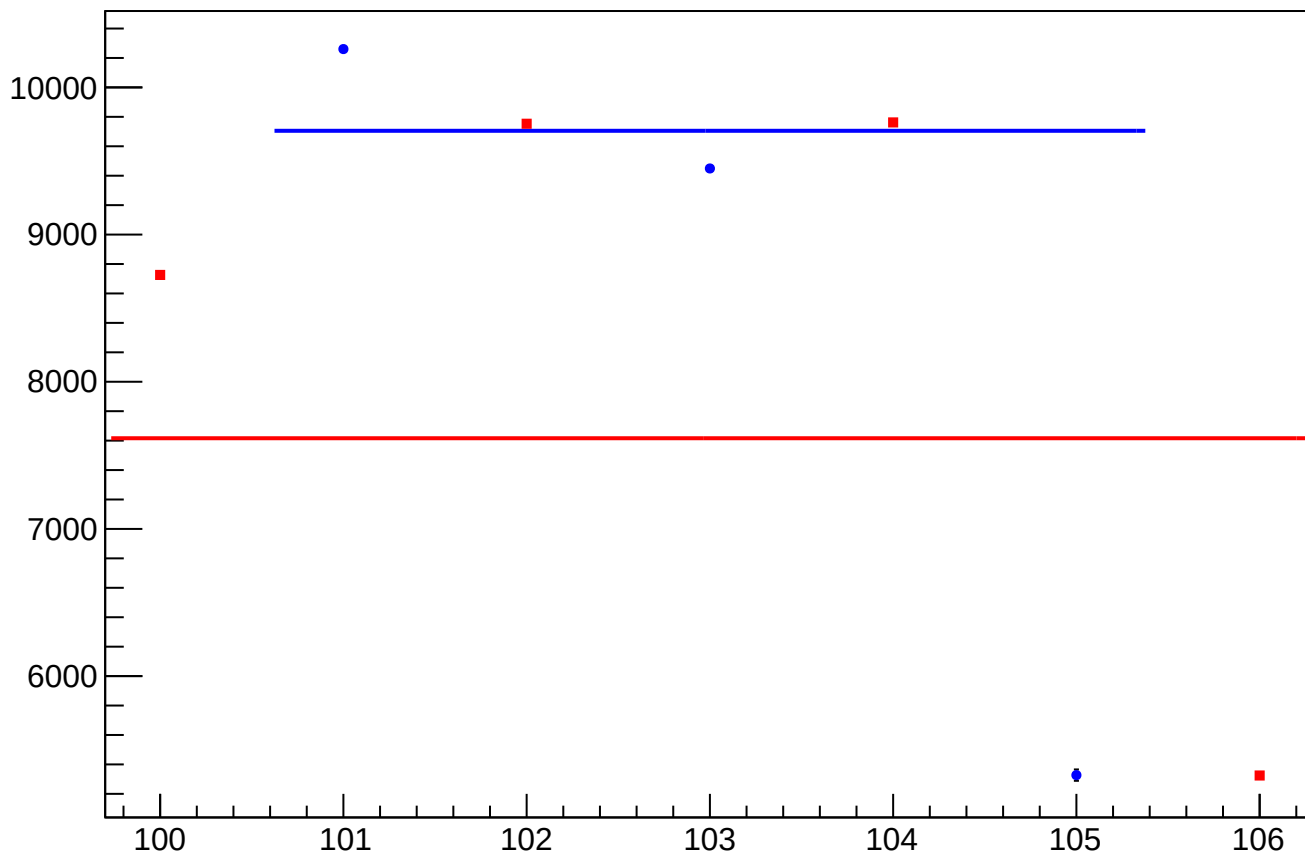
Right Out: 2.612+/-6.683 χ^2/NDF : 1.5/3

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

-5.472+/-9.050 χ^2/NDF : 4.5/2

2.612+/-6.683 χ^2/NDF : 1.5/3

diff_bpm0l09X_rms vs slug



Right In: 9705.184 $\pm$ 6.399 χ^2 /NDF: 17121.3/2

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

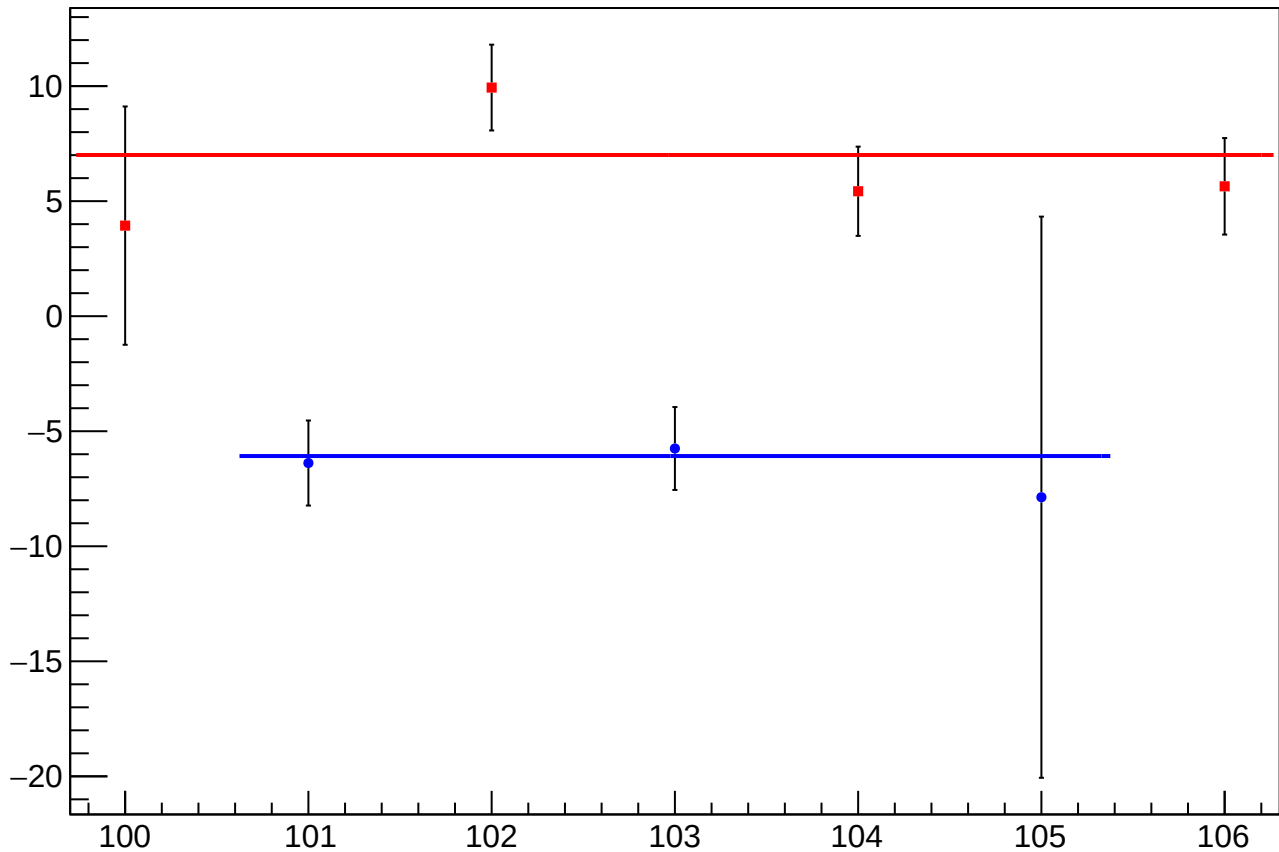
Right Out: 7616.206 $\pm$ 4.726 χ^2 /NDF: 213243.2/3

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

9705.184 $\pm$ 6.399 χ^2 /NDF: 17121.3/2

7616.206 $\pm$ 4.726 χ^2 /NDF: 213243.2/3

diff_bpm0l09Y_mean vs slug



Right In: -6.078+/-1.283 χ^2/NDF : 0.1/2

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

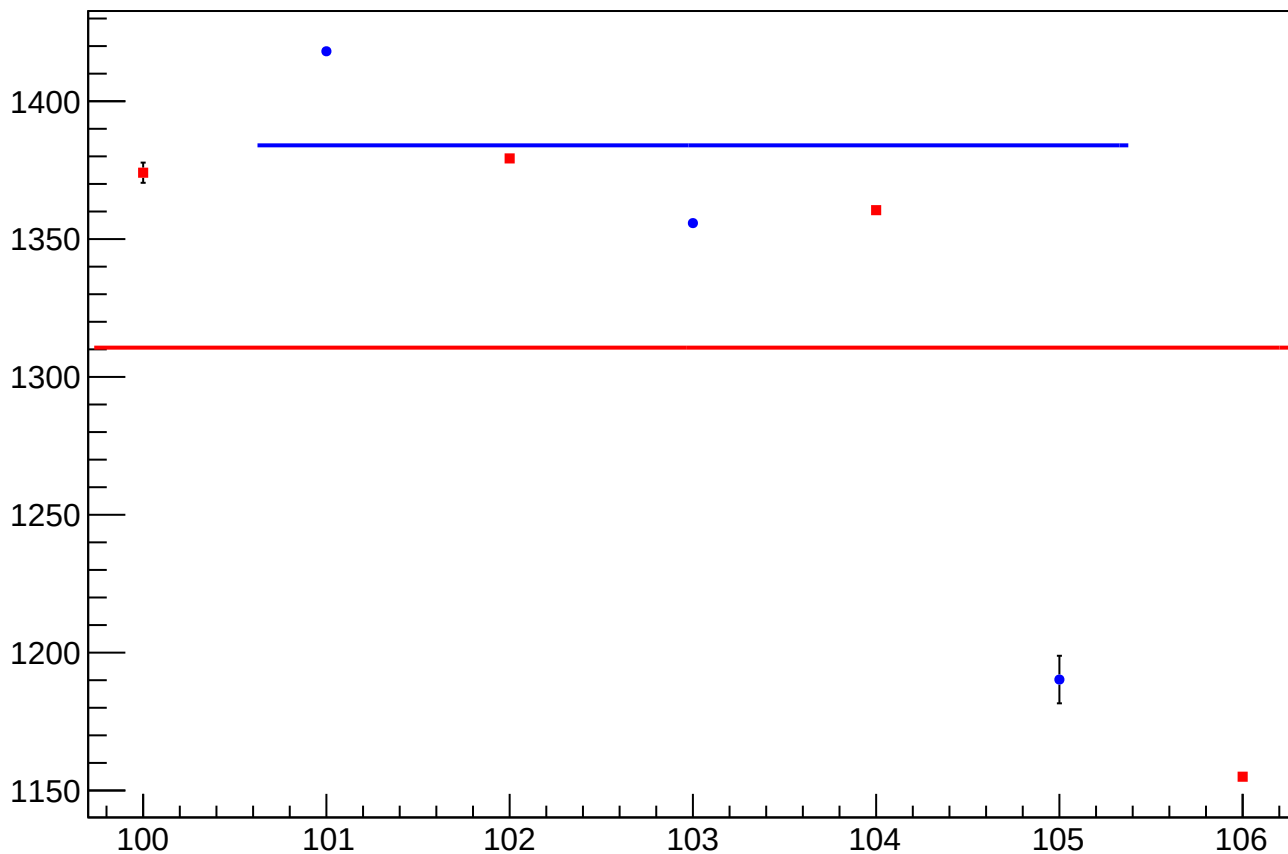
Right Out: 7.006+/-1.106 χ^2/NDF : 3.9/3

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

-6.078+/-1.283 χ^2/NDF : 0.1/2

7.006+/-1.106 χ^2/NDF : 3.9/3

diff_bpm0l09Y_rms vs slug



Right In: 1383.999 $\pm$ 0.907 χ^2 /NDF: 1676.4/2

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

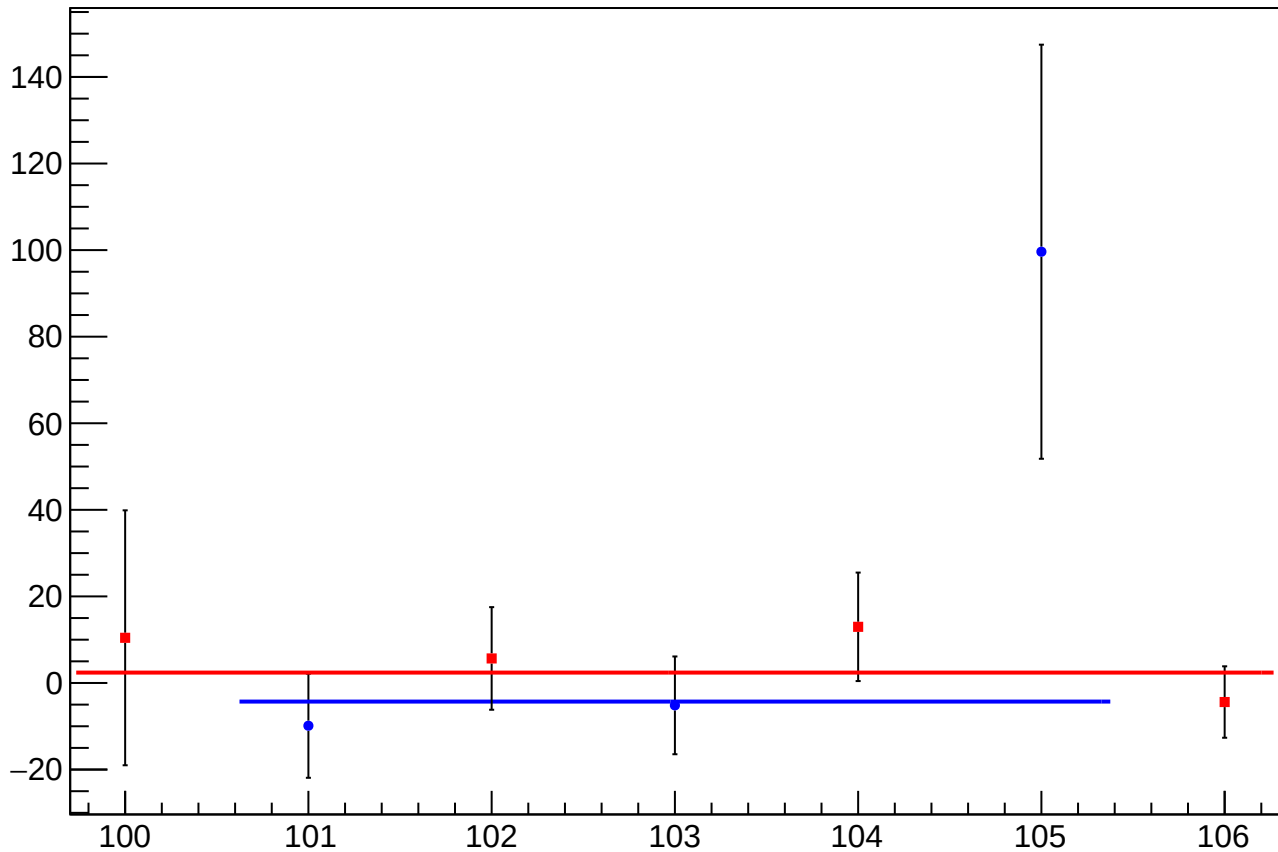
Right Out: 1310.626 $\pm$ 0.782 χ^2 /NDF: 15341.7/3

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

1383.999 $\pm$ 0.907 χ^2 /NDF: 1676.4/2

1310.626 $\pm$ 0.782 χ^2 /NDF: 15341.7/3

diff_bpm0l10X_mean vs slug



Right In: -4.296+/-8.114 χ^2/NDF : 4.9/2

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

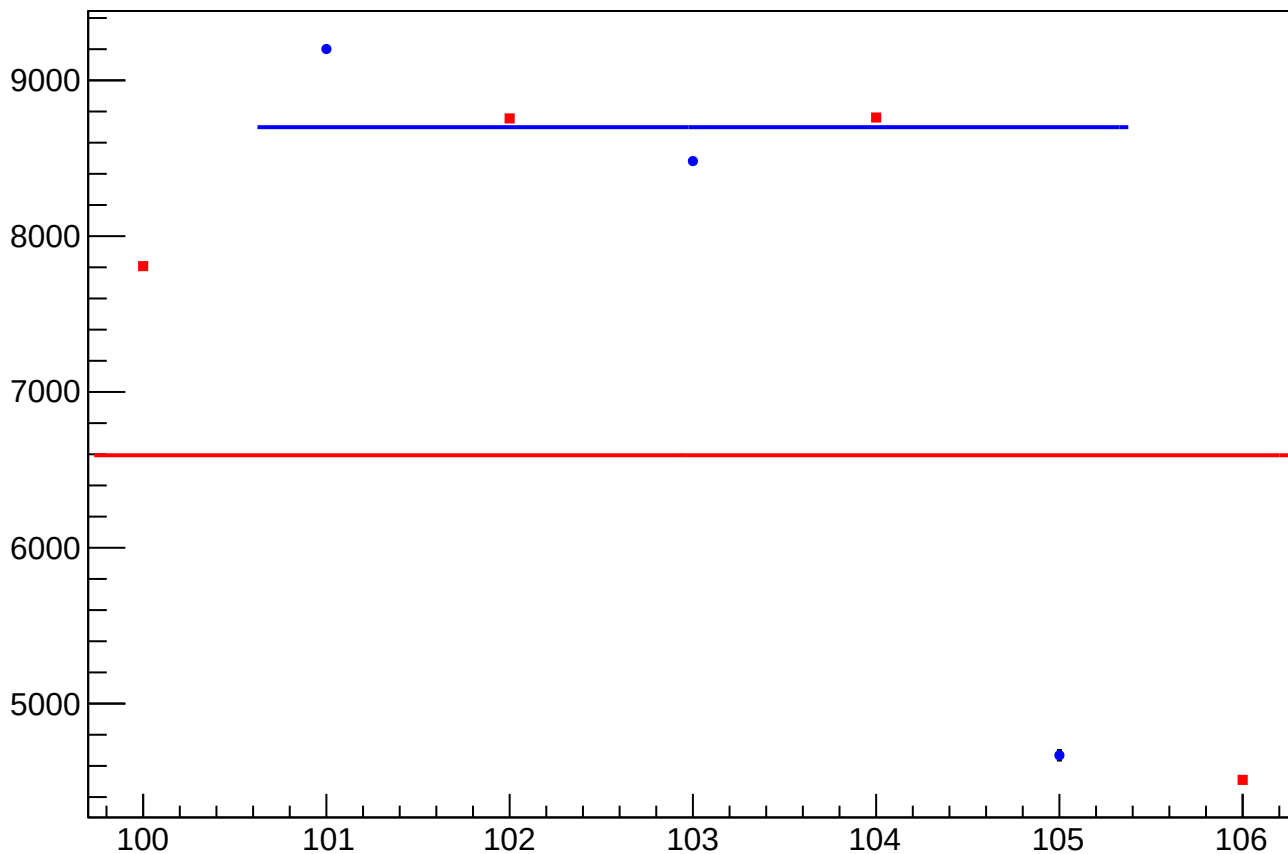
Right Out: 2.400+/-5.839 χ^2/NDF : 1.5/3

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

-4.296+/-8.114 χ^2/NDF : 4.9/2

2.400+/-5.839 χ^2/NDF : 1.5/3

diff_bpm0l10X_rms vs slug



Right In: 8699.409 $\pm$ 5.737 χ^2 /NDF: 18428.9/2

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

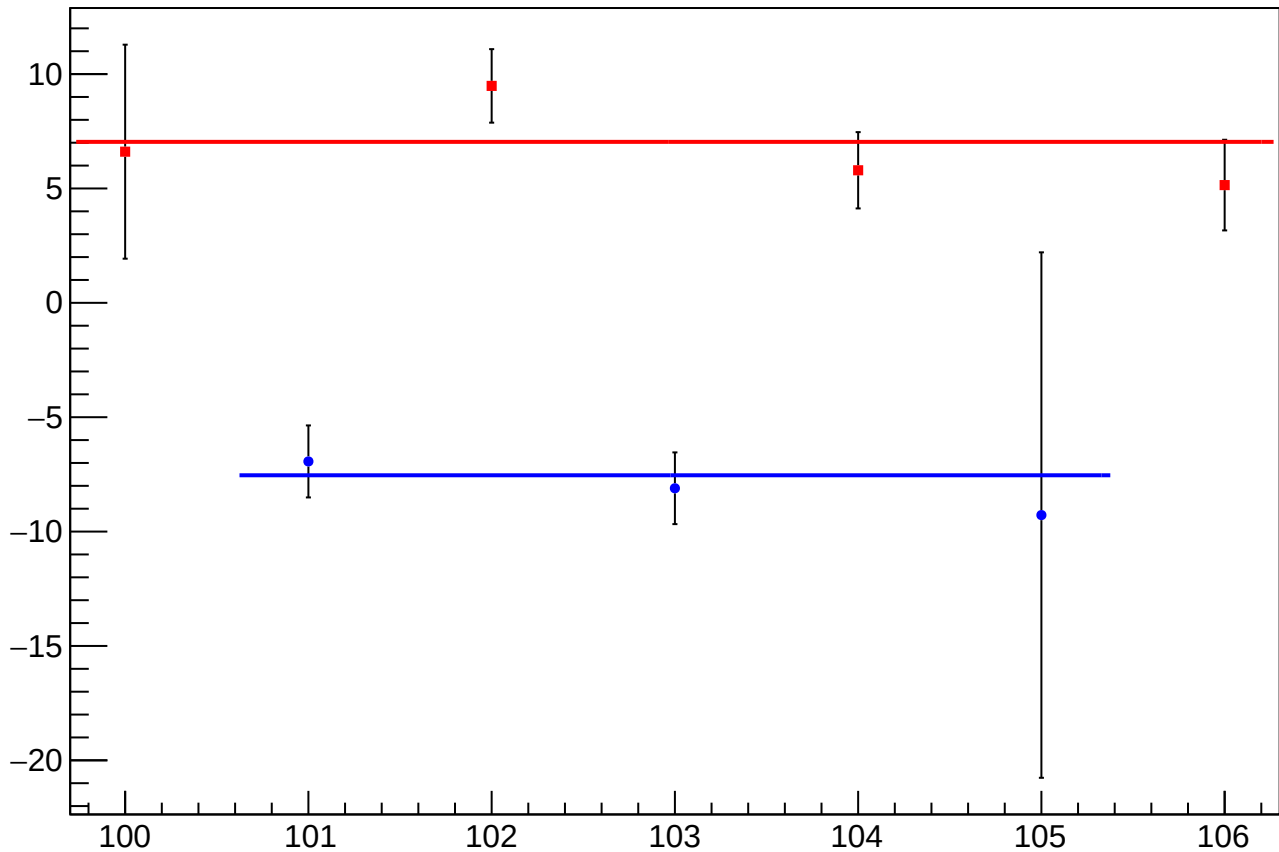
Right Out: 6593.750 $\pm$ 4.129 χ^2 /NDF: 257307.4/3

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

8699.409 $\pm$ 5.737 χ^2 /NDF: 18428.9/2

6593.750 $\pm$ 4.129 χ^2 /NDF: 257307.4/3

diff_bpm0l10Y_mean vs slug



Right In: -7.539+/-1.106 χ^2/NDF : 0.3/2

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

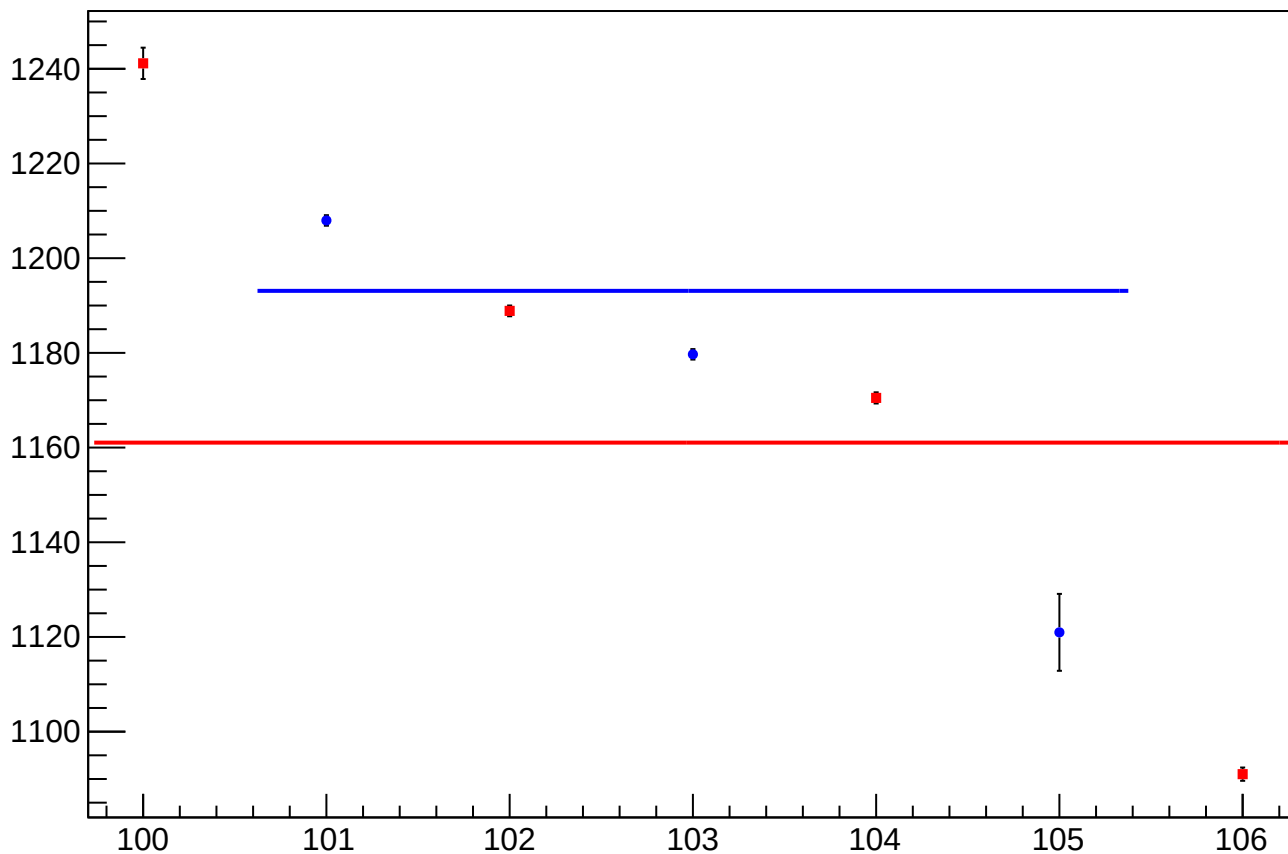
Right Out: 7.037+/-0.977 χ^2/NDF : 3.8/3

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

-7.539+/-1.106 χ^2/NDF : 0.3/2

7.037+/-0.977 χ^2/NDF : 3.8/3

diff_bpm0l10Y_rms vs slug



Right In: 1193.101 $\pm$ 0.782 χ^2 /NDF: 403.6/2

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

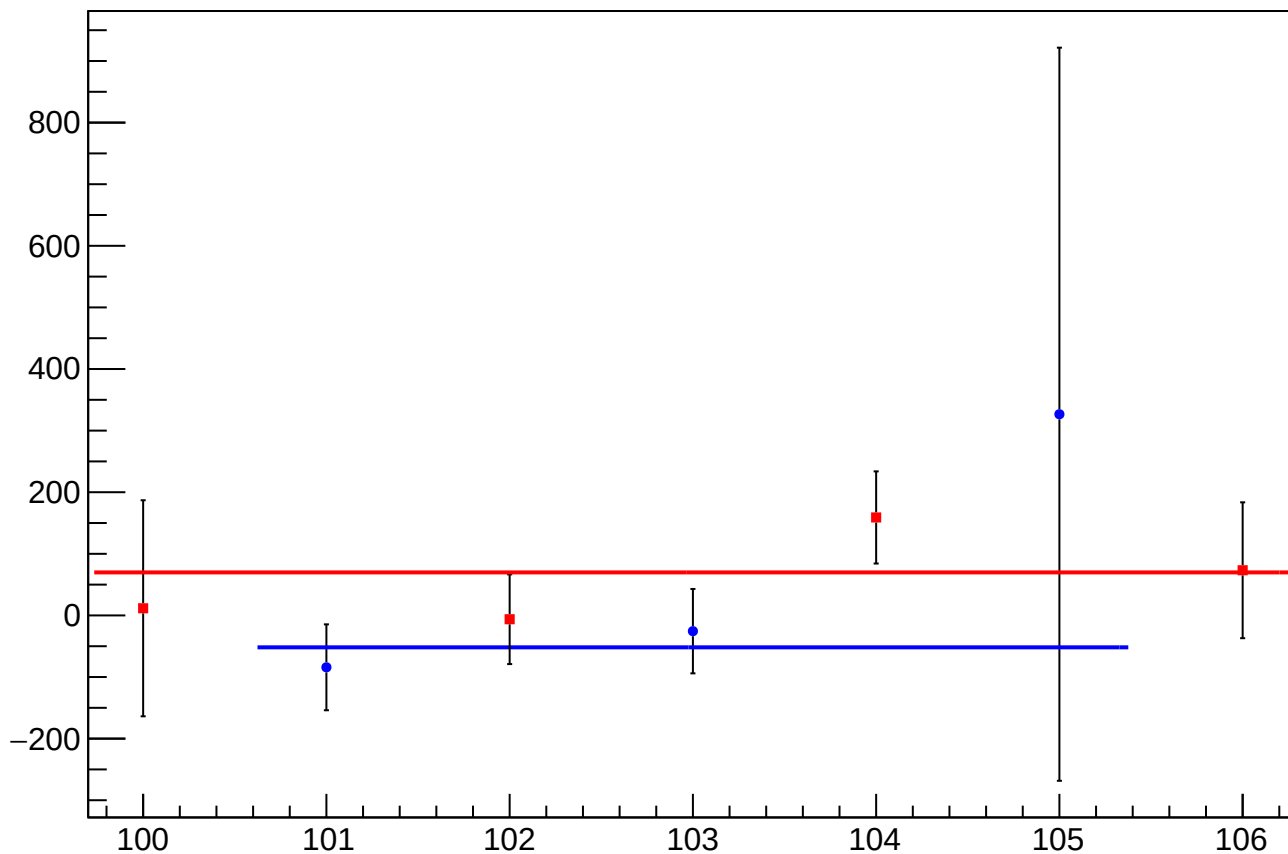
Right Out: 1161.047 $\pm$ 0.691 χ^2 /NDF: 3747.3/3

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

1193.101 $\pm$ 0.782 χ^2 /NDF: 403.6/2

1161.047 $\pm$ 0.691 χ^2 /NDF: 3747.3/3

diff_bpm0r03X_mean vs slug



Right In: -51.809 $\pm$ 48.700 χ^2 /NDF: 0.8/2

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

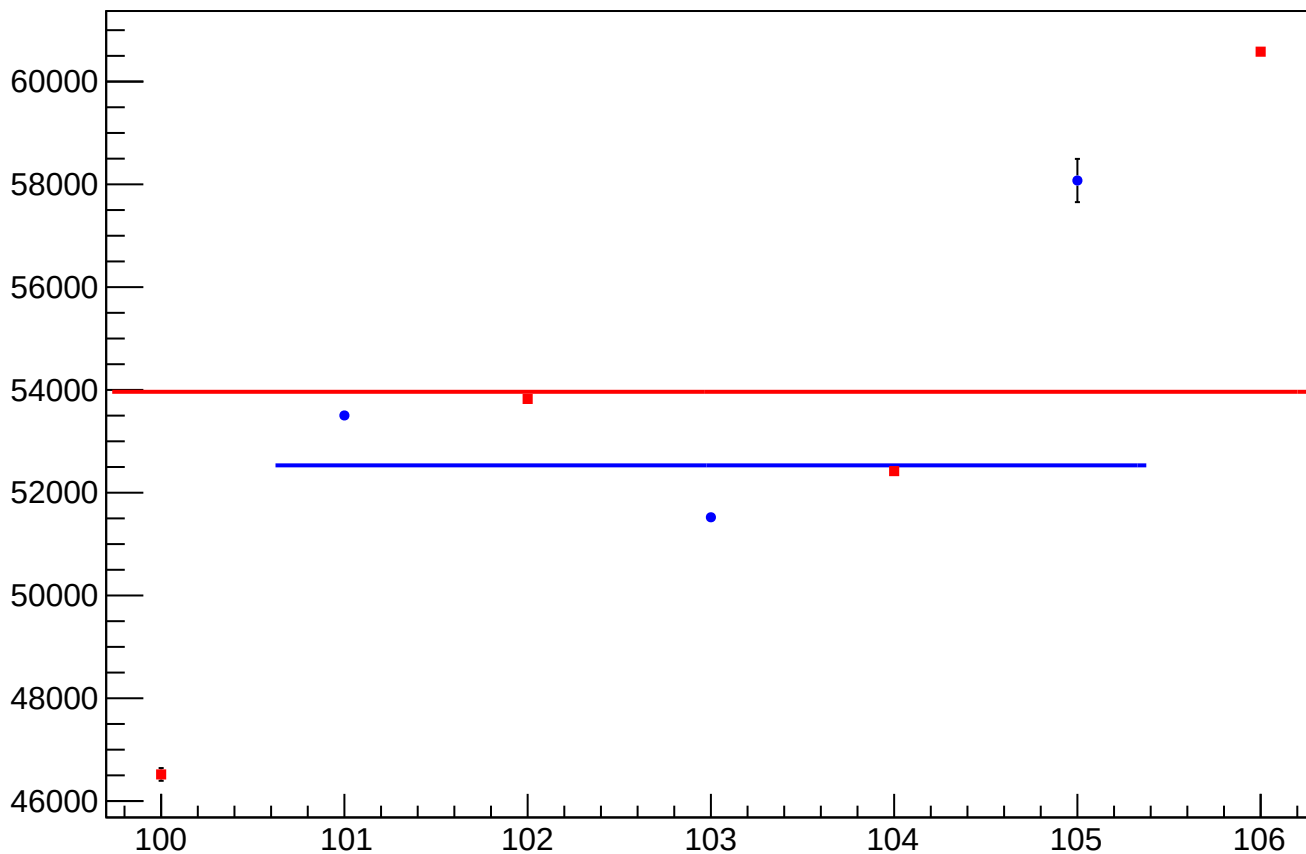
Right Out: 69.817 $\pm$ 45.540 χ^2 /NDF: 2.6/3

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

-51.809 $\pm$ 48.700 χ^2 /NDF: 0.8/2

69.817 $\pm$ 45.540 χ^2 /NDF: 2.6/3

diff_bpm0r03X_rms vs slug



Right In: 52531.945+/-34.436 χ^2/NDF : 996.4/2

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

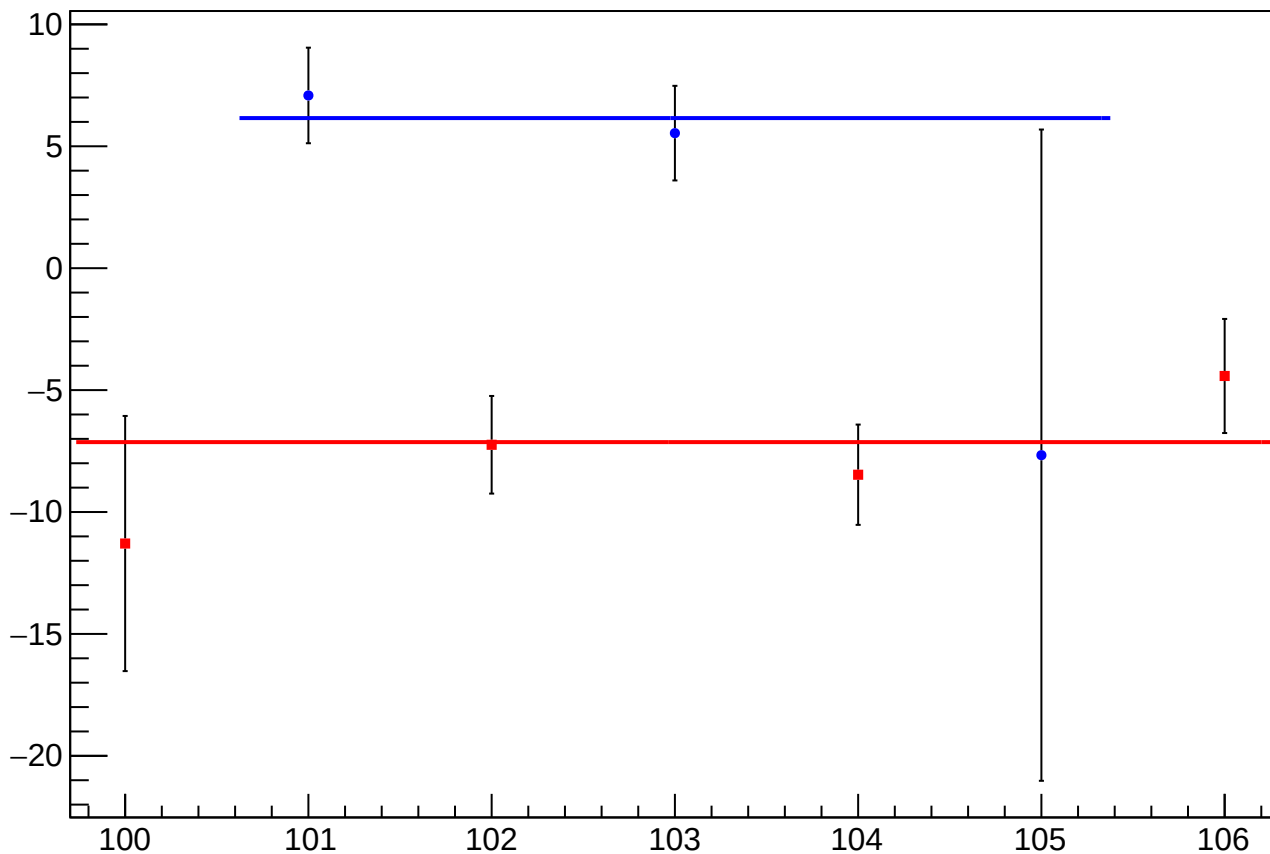
Right Out: 53963.484+/-32.201 χ^2/NDF : 11667.0/3

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

52531.945+/-34.436 χ^2/NDF : 996.4/2

53963.484+/-32.201 χ^2/NDF : 11667.0/3

diff_bpm0r03Y_mean vs slug



Right In: 6.156+/-1.372 χ^2/NDF : 1.4/2

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

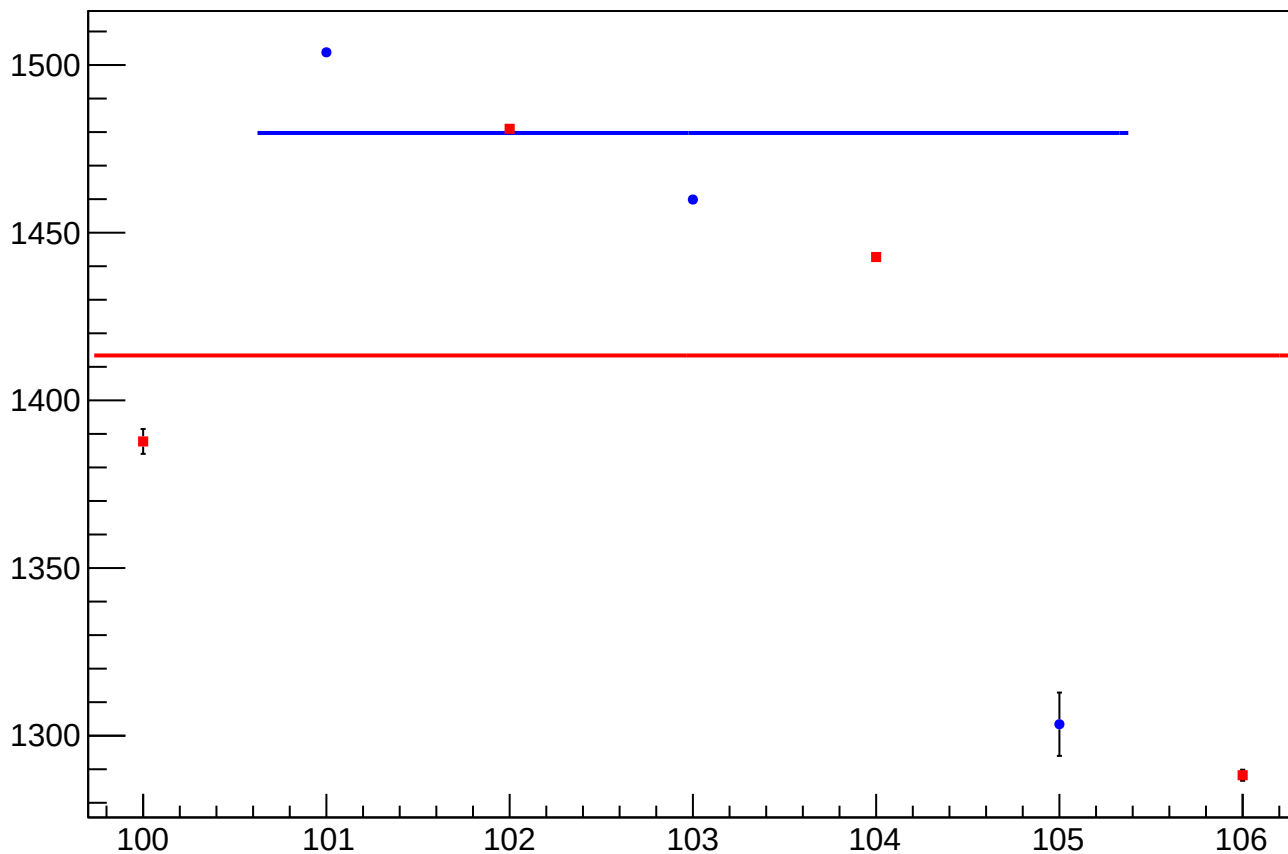
Right Out: -7.133+/-1.191 χ^2/NDF : 2.4/3

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

6.156+/-1.372 χ^2/NDF : 1.4/2

-7.133+/-1.191 χ^2/NDF : 2.4/3

diff_bpm0r03Y_rms vs slug



Right In: 1479.738 $\pm$ 0.970 χ^2 /NDF: 859.0/2

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

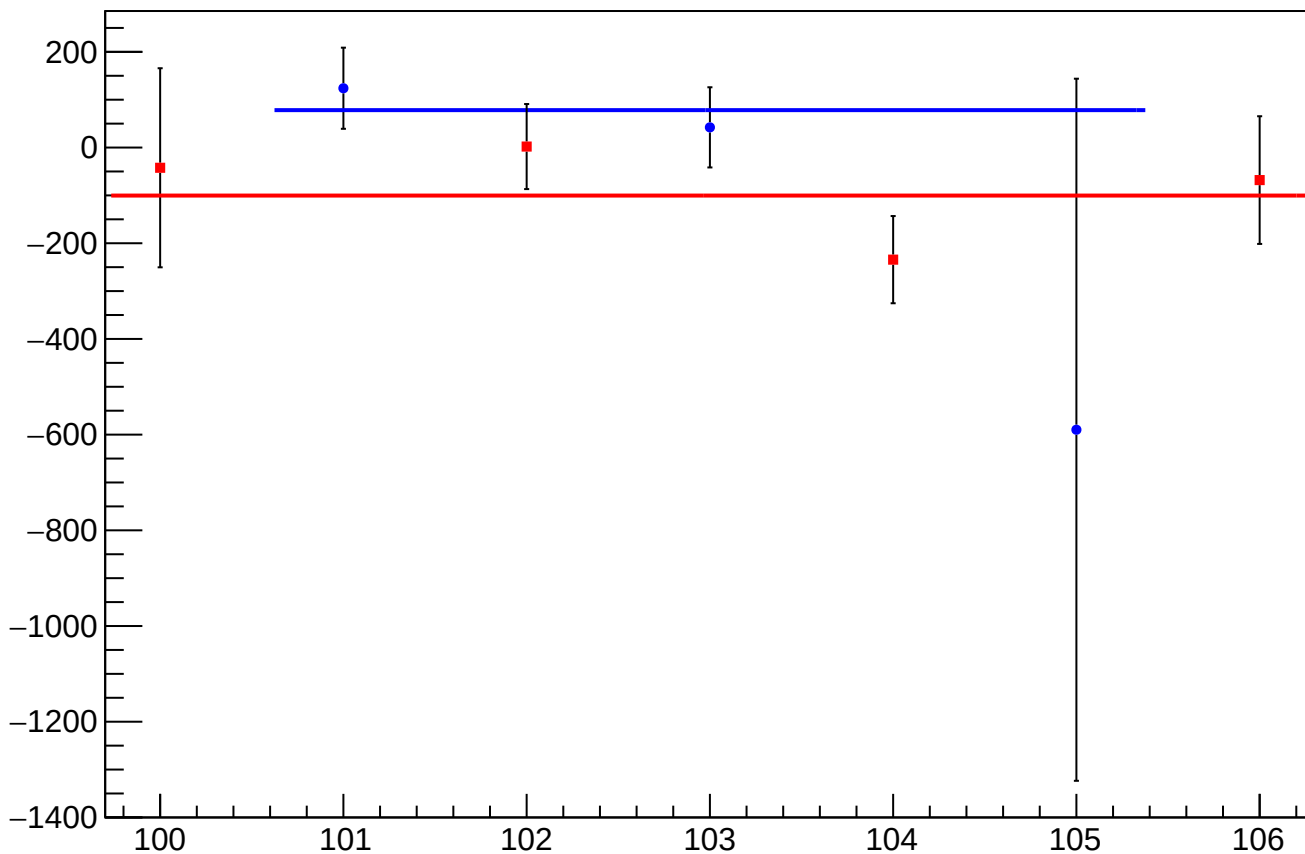
Right Out: 1413.386 $\pm$ 0.842 χ^2 /NDF: 8459.3/3

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

1479.738 $\pm$ 0.970 χ^2 /NDF: 859.0/2

1413.386 $\pm$ 0.842 χ^2 /NDF: 8459.3/3

diff_bpm0r05X_mean vs slug



Right In: 78.190+/-59.403 χ^2/NDF : 1.3/2

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

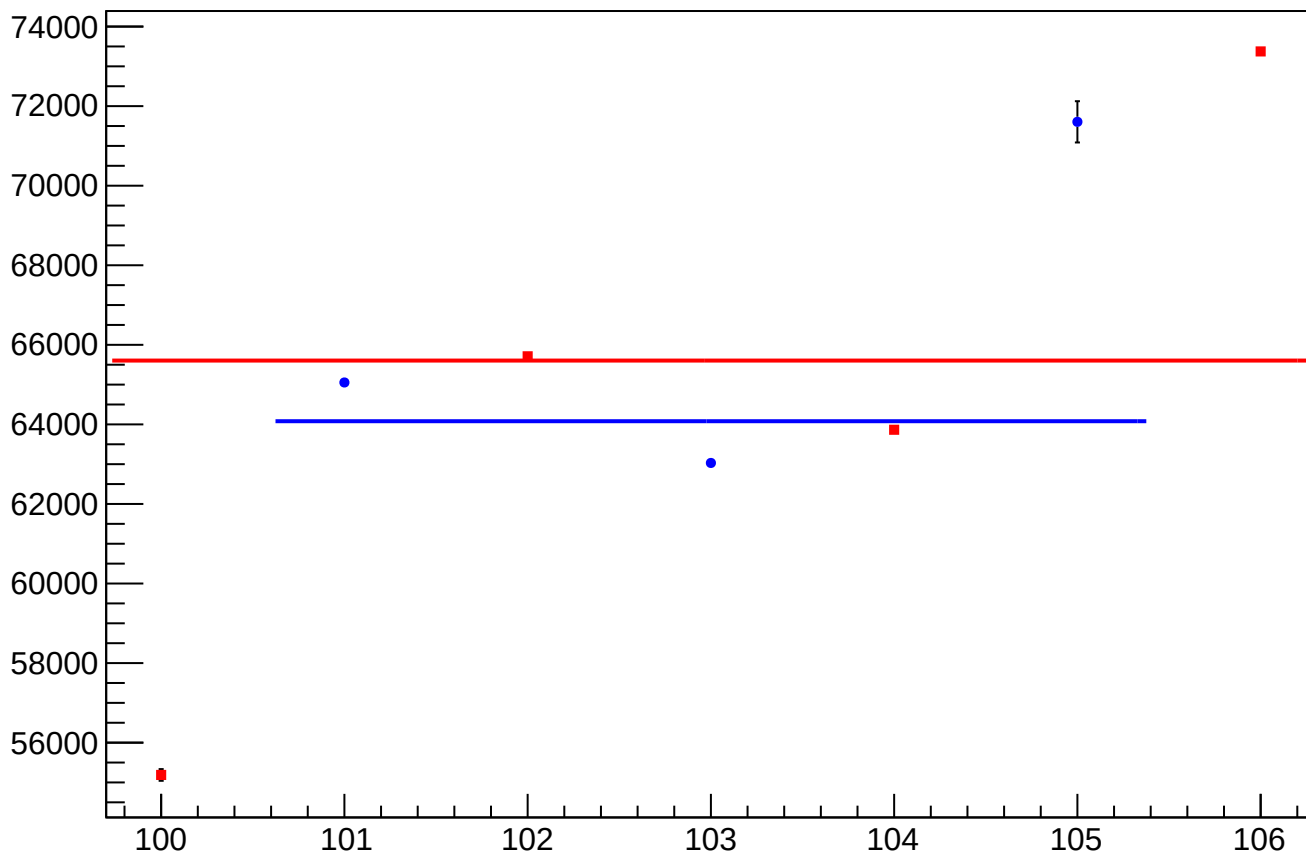
Right Out: -100.348+/-55.363 χ^2/NDF : 3.6/3

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

78.190+/-59.403 χ^2/NDF : 1.3/2

-100.348+/-55.363 χ^2/NDF : 3.6/3

diff_bpm0r05X_rms vs slug



Right In: 64079.876 $\pm$ 42.004 χ^2 /NDF: 787.7/2

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

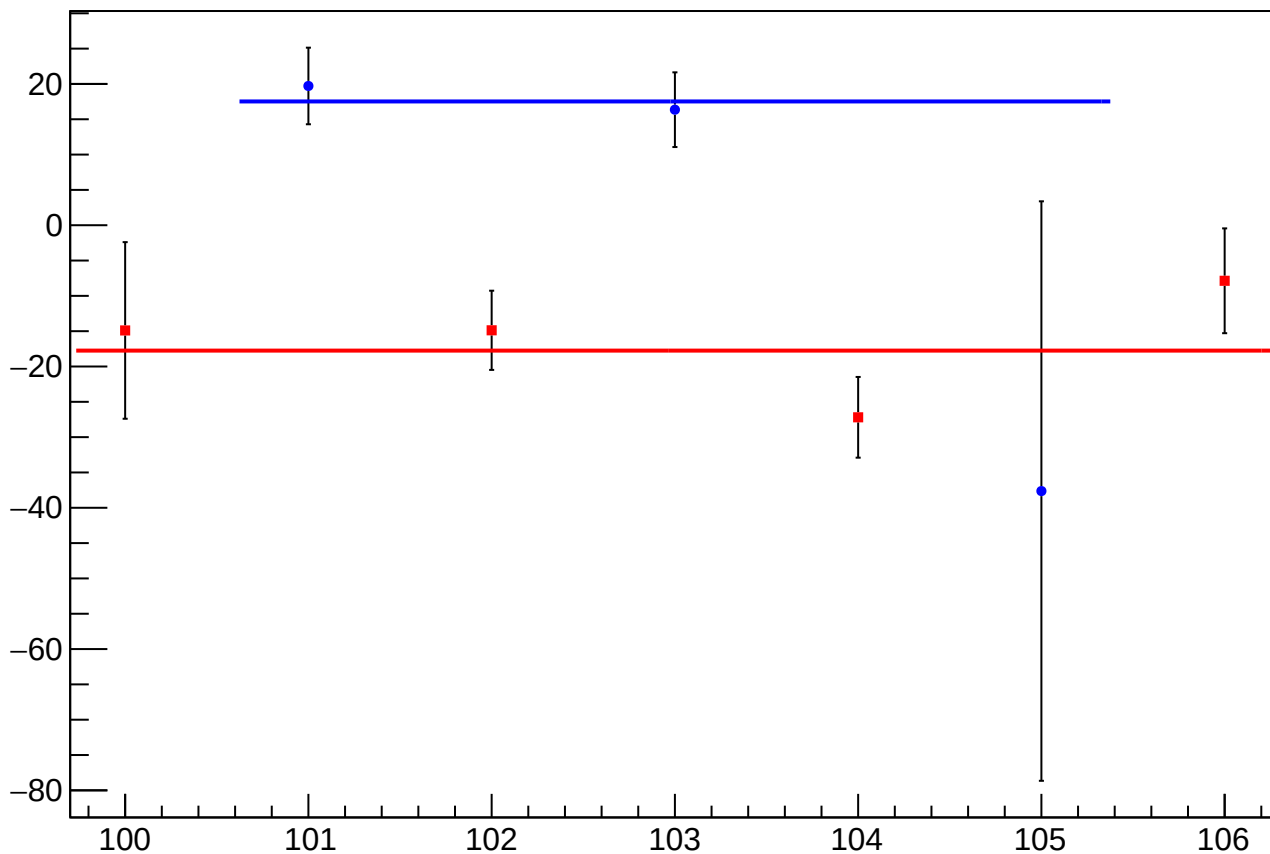
Right Out: 65604.415 $\pm$ 39.148 χ^2 /NDF: 12528.3/3

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

64079.876 $\pm$ 42.004 χ^2 /NDF: 787.7/2

65604.415 $\pm$ 39.148 χ^2 /NDF: 12528.3/3

diff_bpm0r05Y_mean vs slug



Right In: 17.522 $\pm$ 3.769 χ^2 /NDF: 2.0/2

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

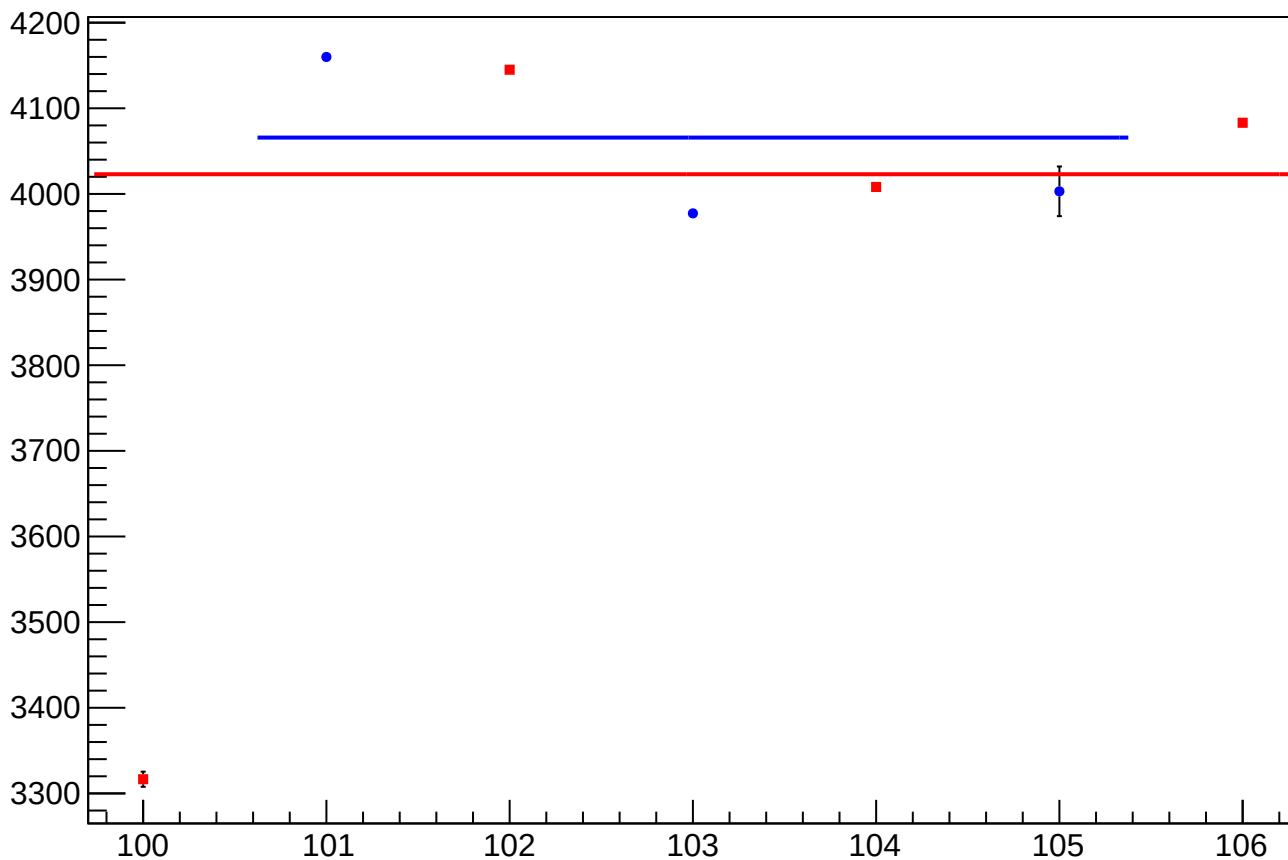
Right Out: -17.749 $\pm$ 3.390 χ^2 /NDF: 4.8/3

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

17.522 $\pm$ 3.769 χ^2 /NDF: 2.0/2

-17.749 $\pm$ 3.390 χ^2 /NDF: 4.8/3

diff_bpm0r05Y_rms vs slug



Right In: 4065.806 $\pm$ 2.665 χ^2 /NDF: 1168.1/2

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

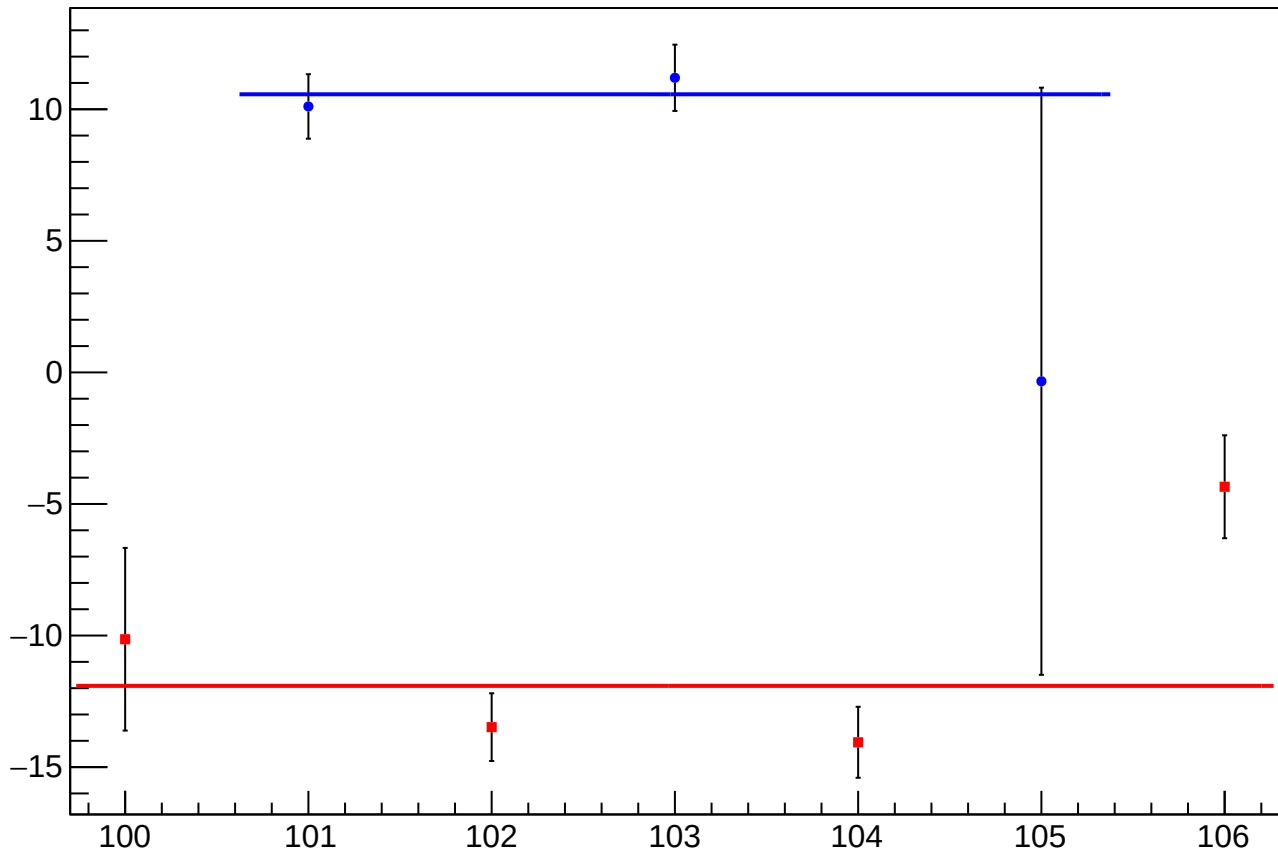
Right Out: 4023.003 $\pm$ 2.397 χ^2 /NDF: 7479.2/3

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

4065.806 $\pm$ 2.665 χ^2 /NDF: 1168.1/2

4023.003 $\pm$ 2.397 χ^2 /NDF: 7479.2/3

diff_bpm2i01X_mean vs slug



Right In: 10.569+/-0.875 χ^2 /NDF: 1.3/2

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

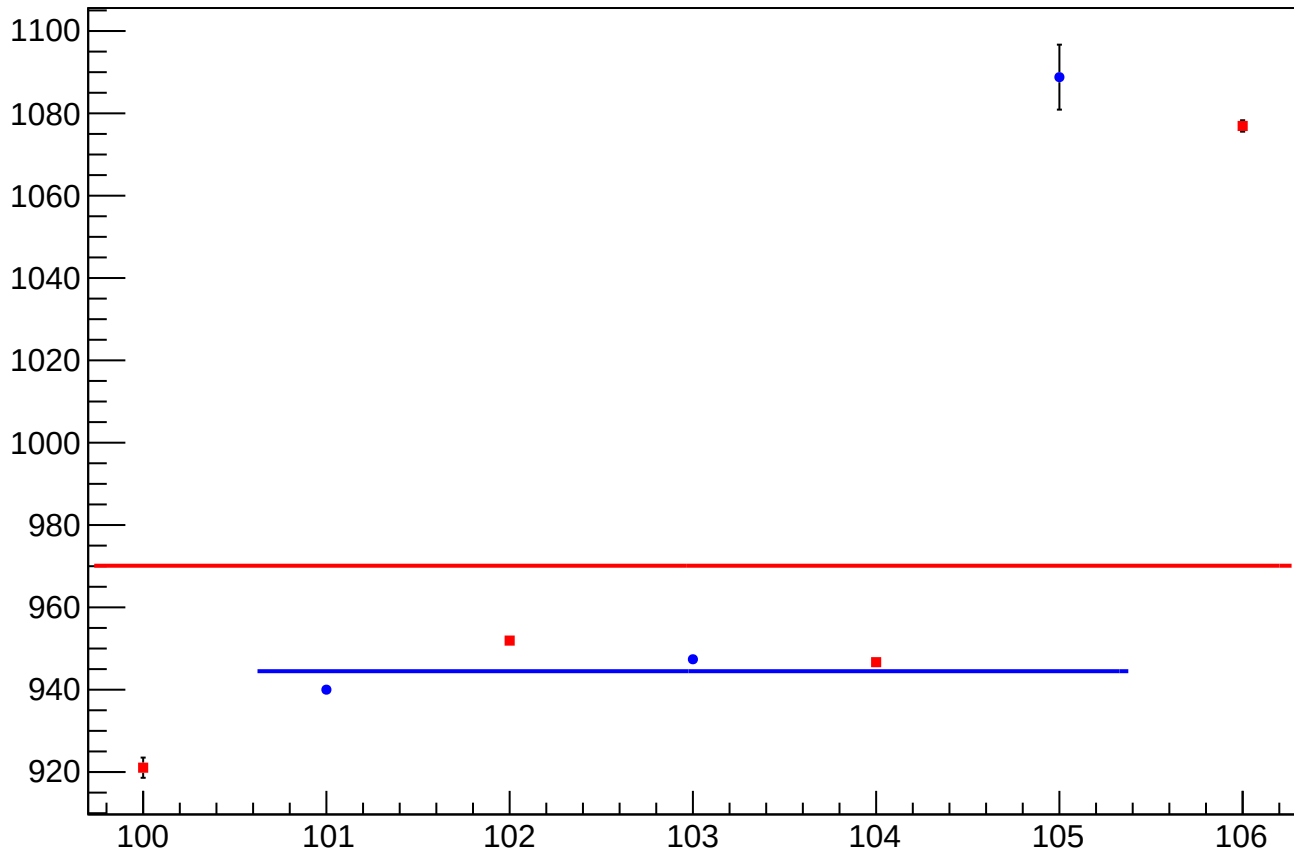
Right Out: -11.912+/-0.817 χ^2 /NDF: 19.2/3

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

10.569+/-0.875 χ^2 /NDF: 1.3/2

-11.912+/-0.817 χ^2 /NDF: 19.2/3

diff_bpm2i01X_rms vs slug



Right In: 944.493+/-0.619 χ^2/NDF : 372.0/2

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

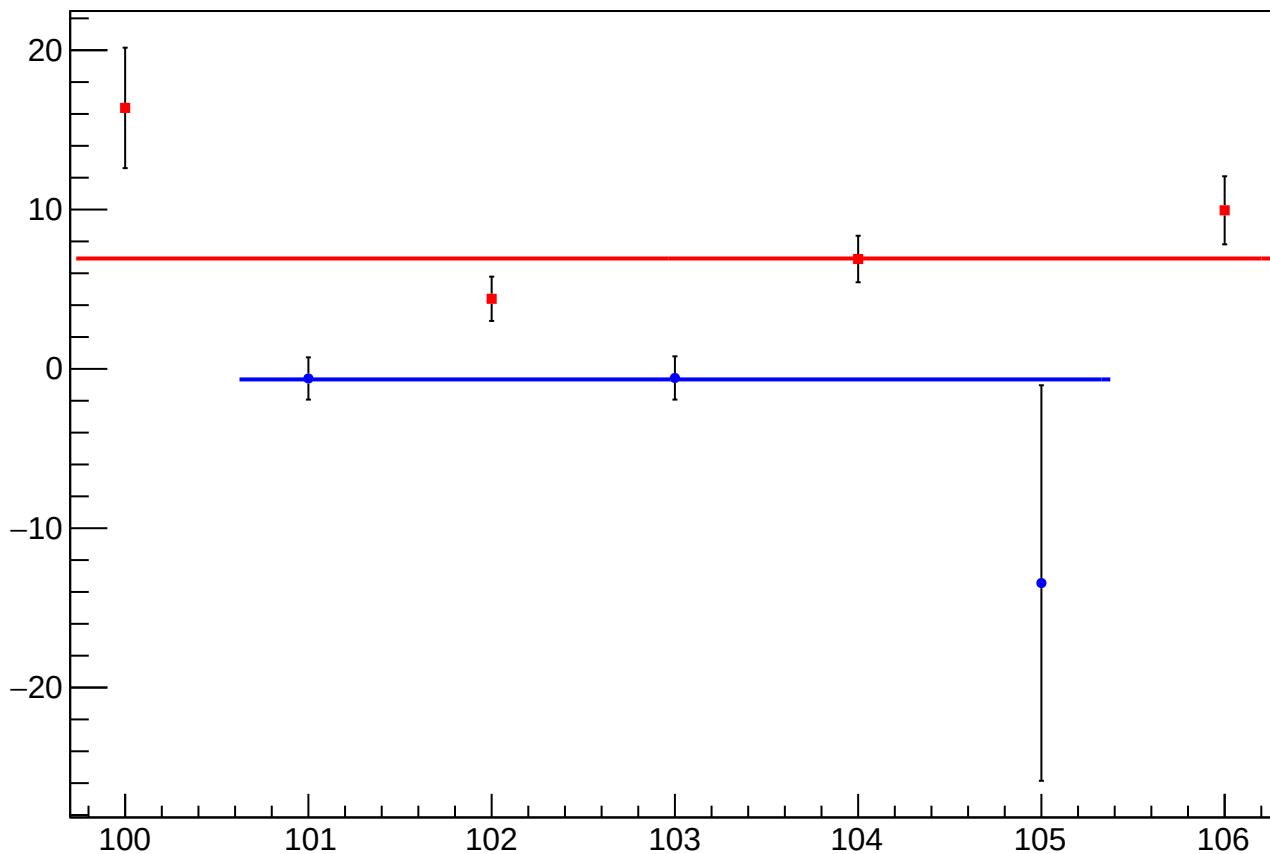
944.493+/-0.619 χ^2/NDF : 372.0/2

Right Out: 970.115+/-0.578 χ^2/NDF : 7369.4/3

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

970.115+/-0.578 χ^2/NDF : 7369.4/3

diff_bpm2i01Y_mean vs slug



Right In: -0.661 $\pm$ 0.946 χ^2 /NDF: 1.1/2

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

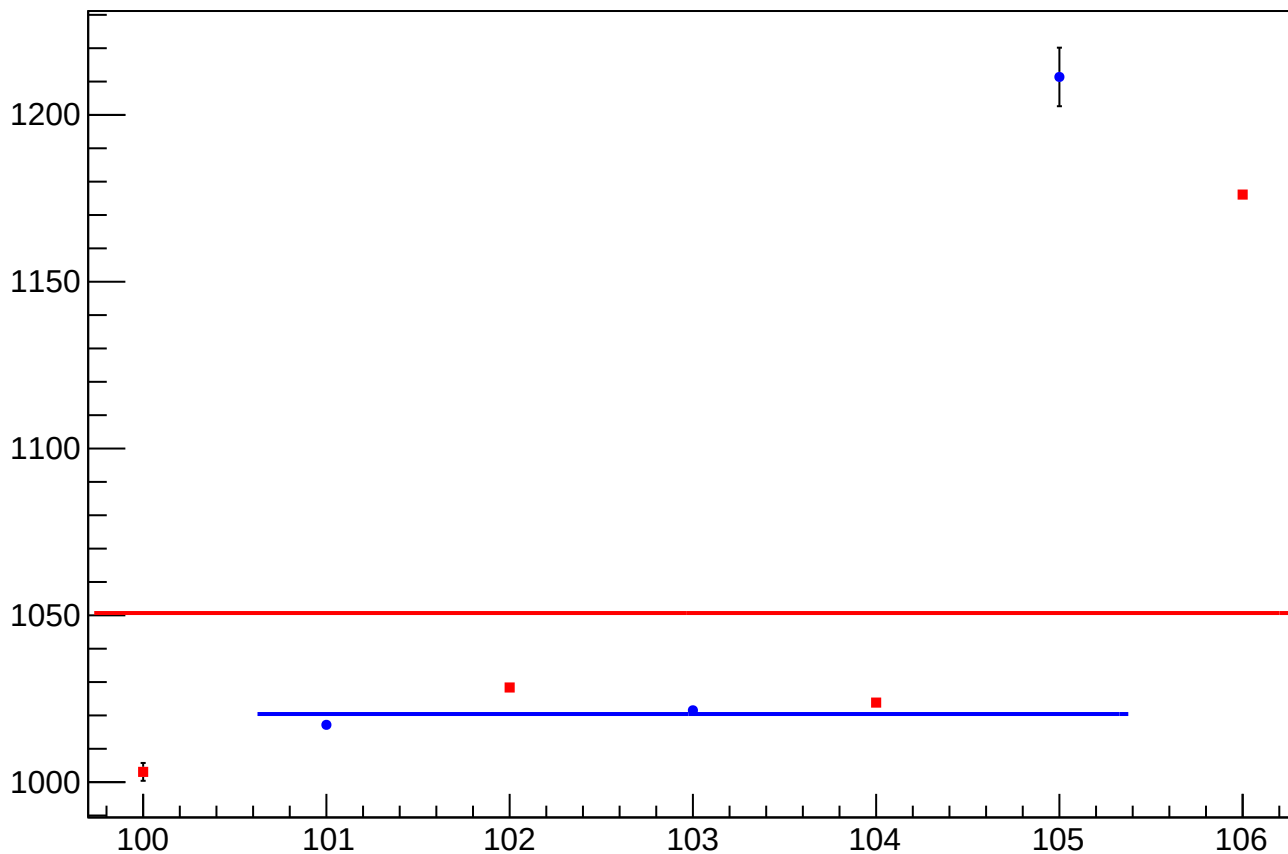
Right Out: 6.928 $\pm$ 0.885 χ^2 /NDF: 11.6/3

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

-0.661 $\pm$ 0.946 χ^2 /NDF: 1.1/2

6.928 $\pm$ 0.885 χ^2 /NDF: 11.6/3

diff_bpm2i01Y_rms vs slug



Right In: 1020.422+/-0.669 χ^2/NDF : 486.7/2

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

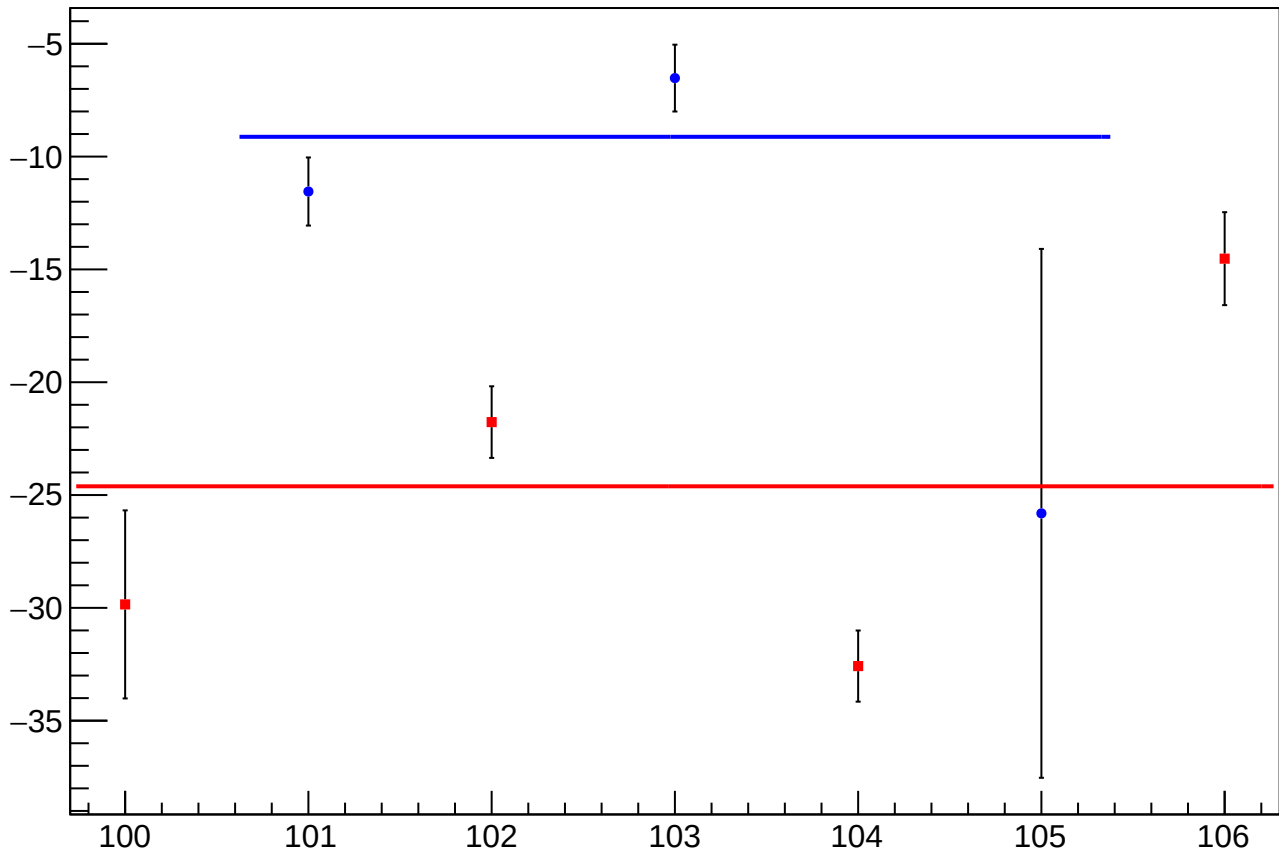
Right Out: 1050.692+/-0.626 χ^2/NDF : 8406.9/3

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

1020.422+/-0.669 χ^2/NDF : 486.7/2

1050.692+/-0.626 χ^2/NDF : 8406.9/3

diff_bpm2i02X_mean vs slug



Right In: -9.123+/-1.053 χ^2/NDF : 7.7/2

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

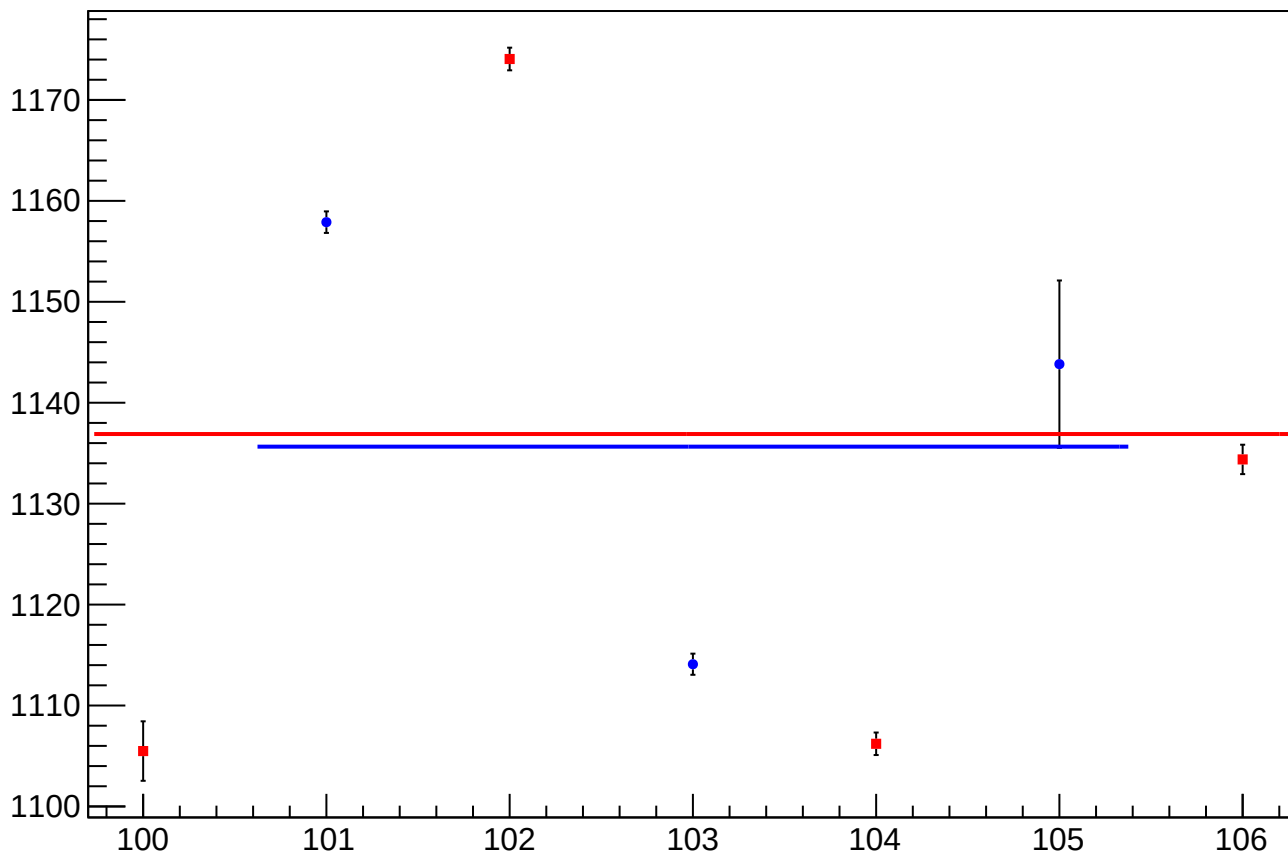
Right Out: -24.613+/-0.957 χ^2/NDF : 54.3/3

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

-9.123+/-1.053 χ^2/NDF : 7.7/2

-24.613+/-0.957 χ^2/NDF : 54.3/3

diff_bpm2i02X_rms vs slug



Right In: 1135.649 $\pm$ 0.744 χ^2 /NDF: 859.2/2

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

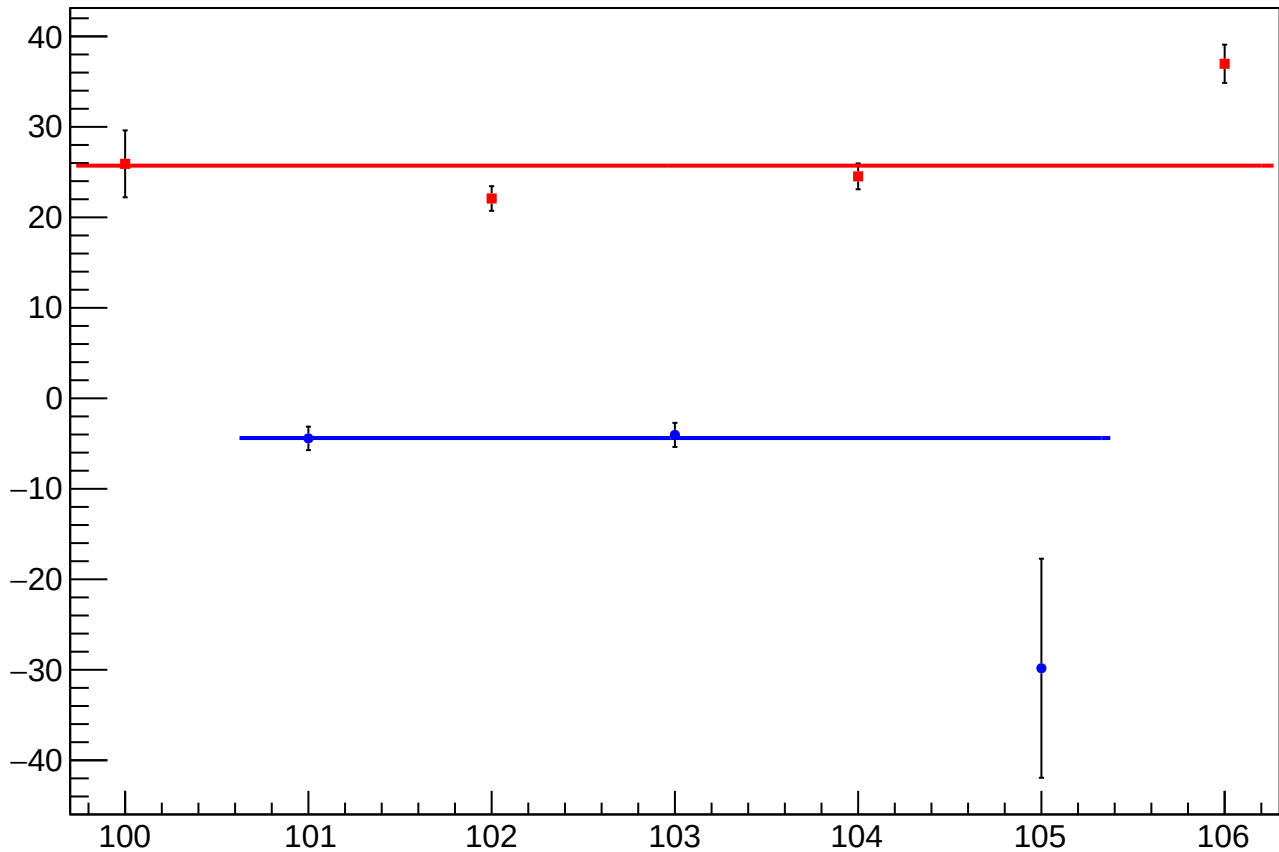
Right Out: 1136.899 $\pm$ 0.677 χ^2 /NDF: 1970.6/3

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

1135.649 $\pm$ 0.744 χ^2 /NDF: 859.2/2

1136.899 $\pm$ 0.677 χ^2 /NDF: 1970.6/3

diff_bpm2i02Y_mean vs slug



Right In: -4.388+/-0.927 χ^2/NDF : 4.5/2

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

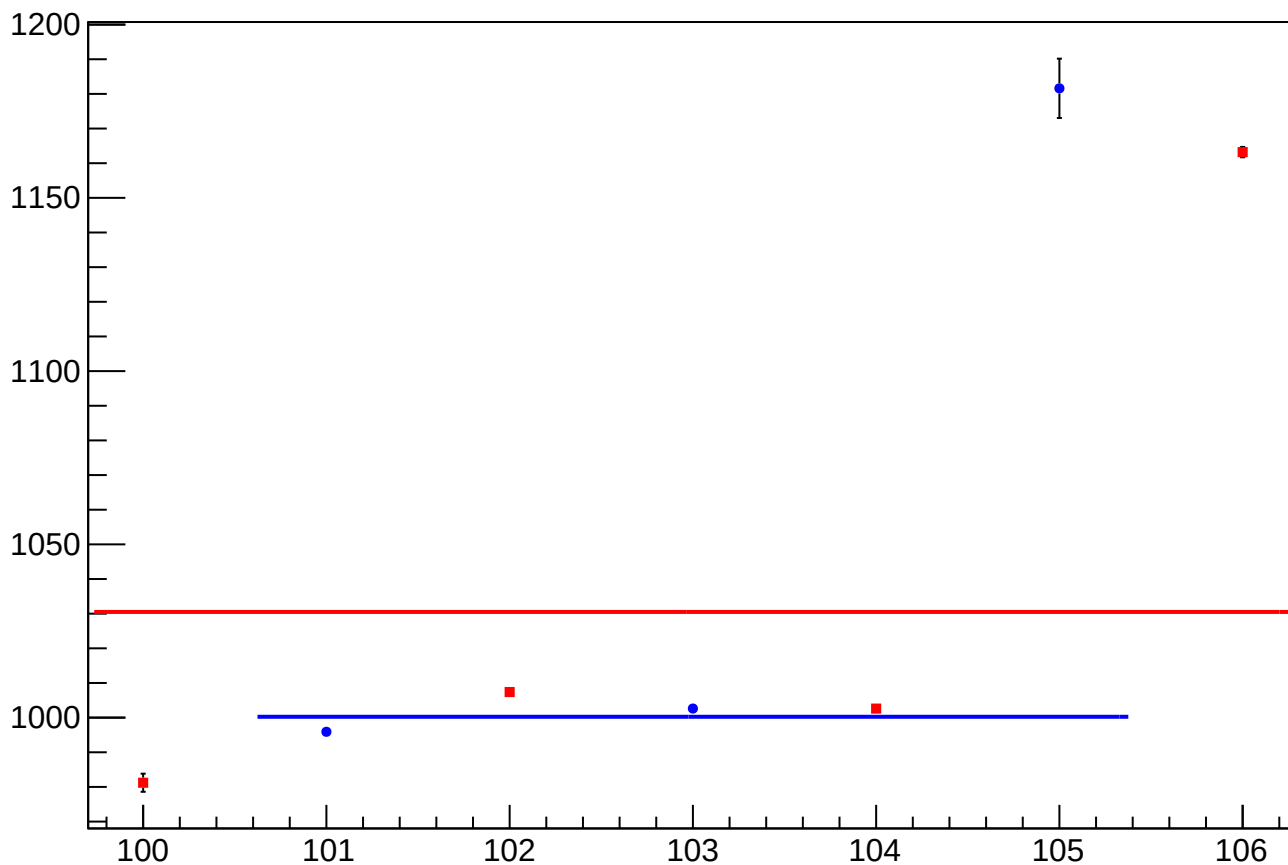
Right Out: 25.715+/-0.868 χ^2/NDF : 36.2/3

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

-4.388+/-0.927 χ^2/NDF : 4.5/2

25.715+/-0.868 χ^2/NDF : 36.2/3

diff_bpm2i02Y_rms vs slug



Right In: 1000.247 $\pm$ 0.655 χ^2 /NDF: 477.5/2

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

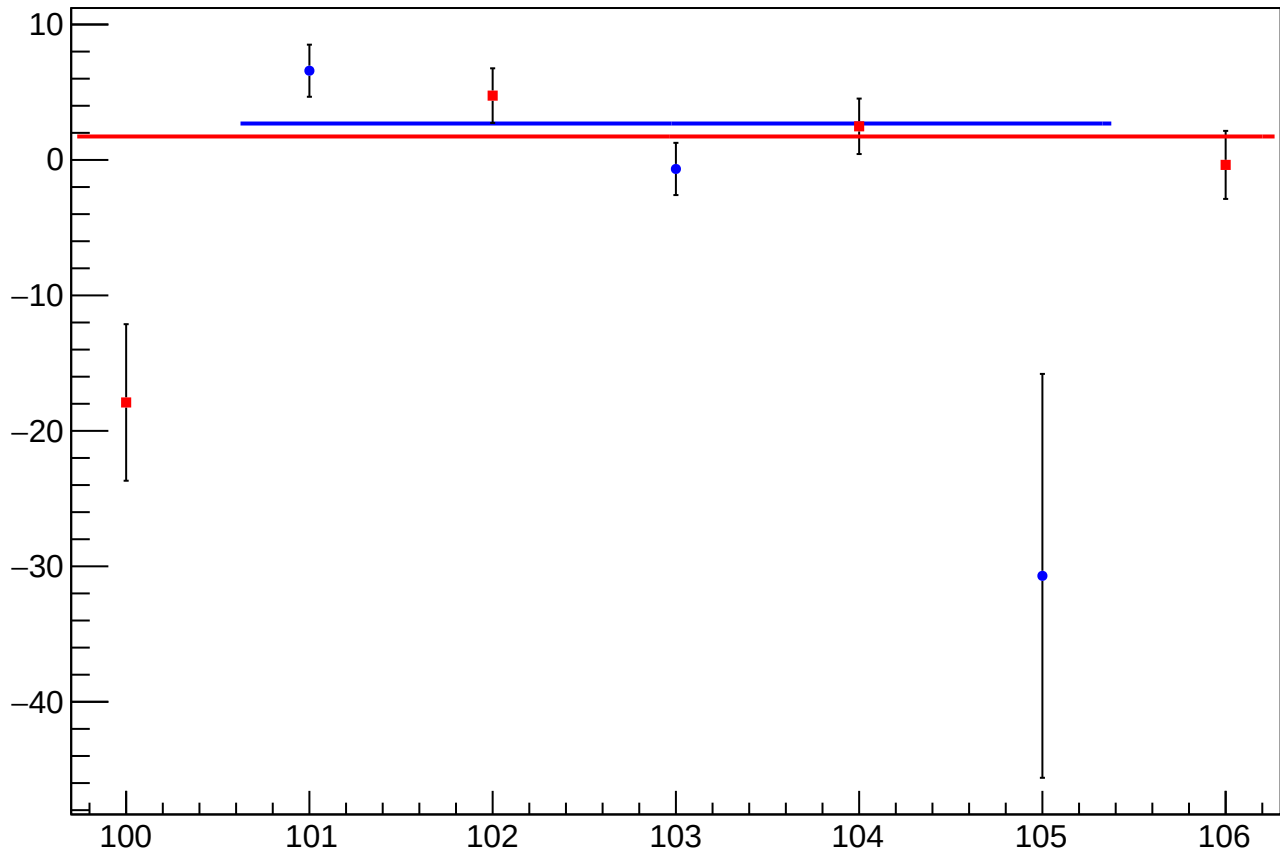
Right Out: 1030.502 $\pm$ 0.614 χ^2 /NDF: 9587.8/3

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

1000.247 $\pm$ 0.655 χ^2 /NDF: 477.5/2

1030.502 $\pm$ 0.614 χ^2 /NDF: 9587.8/3

diff_bpm0i02X_mean vs slug



Right In: 2.690+/-1.356 χ^2/NDF : 12.2/2

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

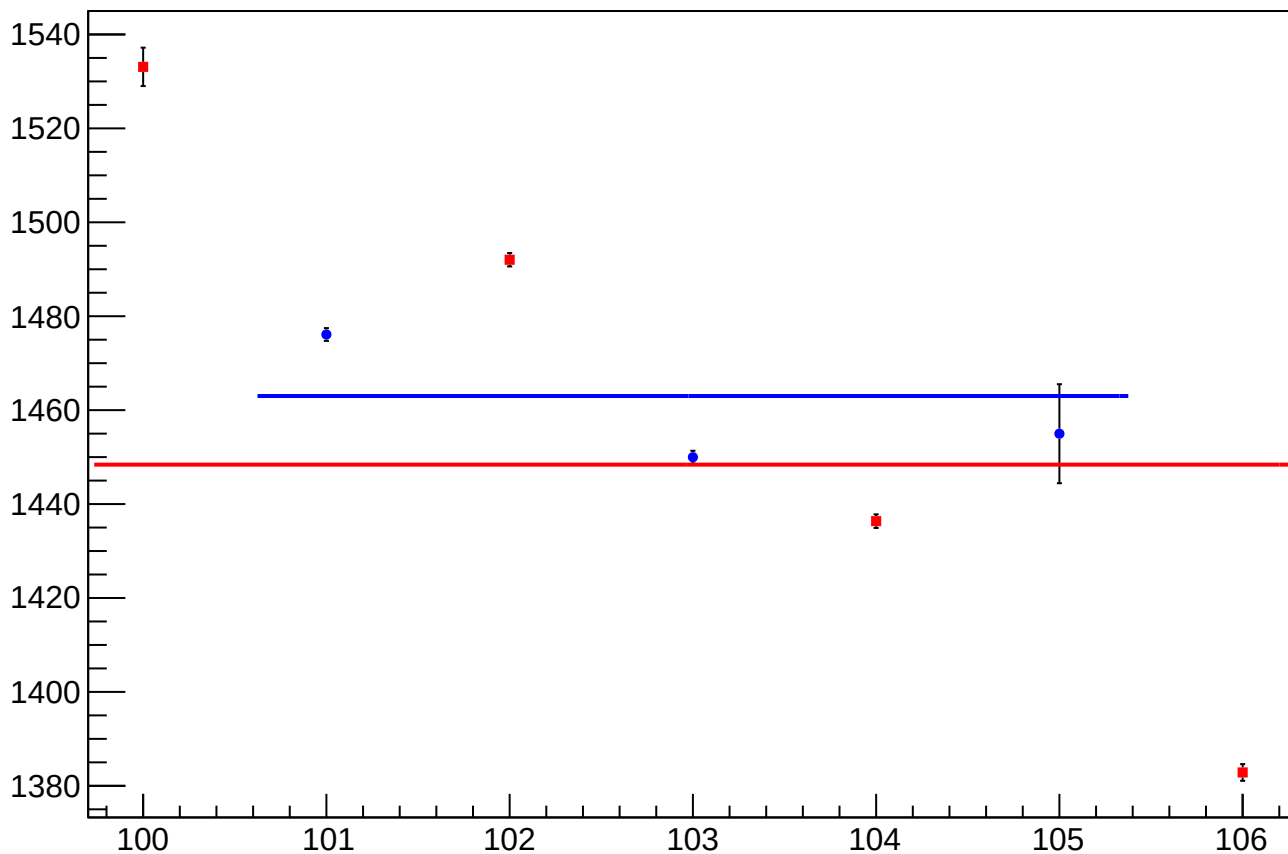
Right Out: 1.732+/-1.219 χ^2/NDF : 14.6/3

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

2.690+/-1.356 χ^2/NDF : 12.2/2

1.732+/-1.219 χ^2/NDF : 14.6/3

diff_bpm0i02X_rms vs slug



Right In: 1463.009 $\pm$ 0.959 χ^2 /NDF: 184.7/2

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

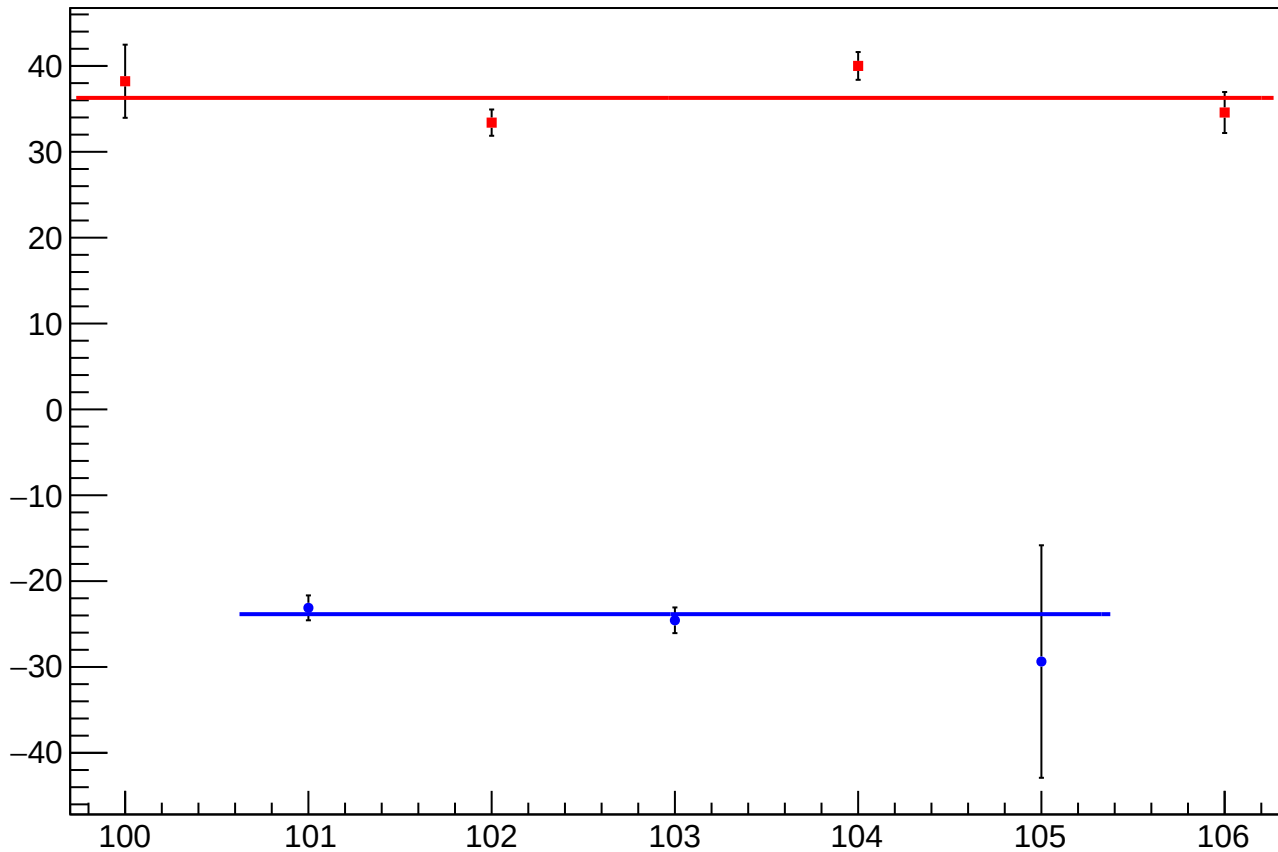
Right Out: 1448.394 $\pm$ 0.862 χ^2 /NDF: 2797.3/3

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

1463.009 $\pm$ 0.959 χ^2 /NDF: 184.7/2

1448.394 $\pm$ 0.862 χ^2 /NDF: 2797.3/3

diff_bpm0i02Y_mean vs slug



Right In: -23.848 $\pm$ 1.038 χ^2 /NDF: 0.7/2

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

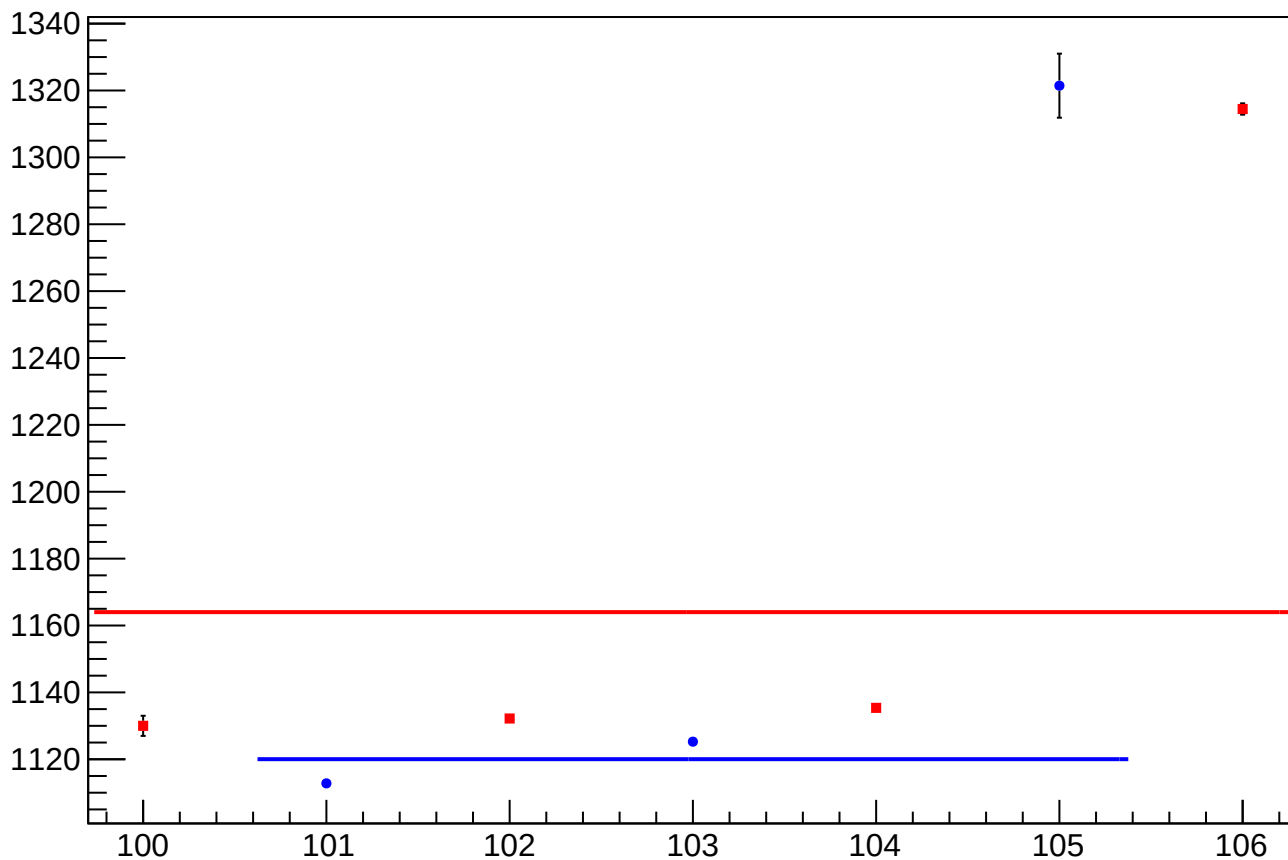
Right Out: 36.280 $\pm$ 0.981 χ^2 /NDF: 9.6/3

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

-23.848 $\pm$ 1.038 χ^2 /NDF: 0.7/2

36.280 $\pm$ 0.981 χ^2 /NDF: 9.6/3

diff_bpm0i02Y_rms vs slug



Right In: 1120.028 $\pm$ 0.734 χ^2 /NDF: 516.9/2

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

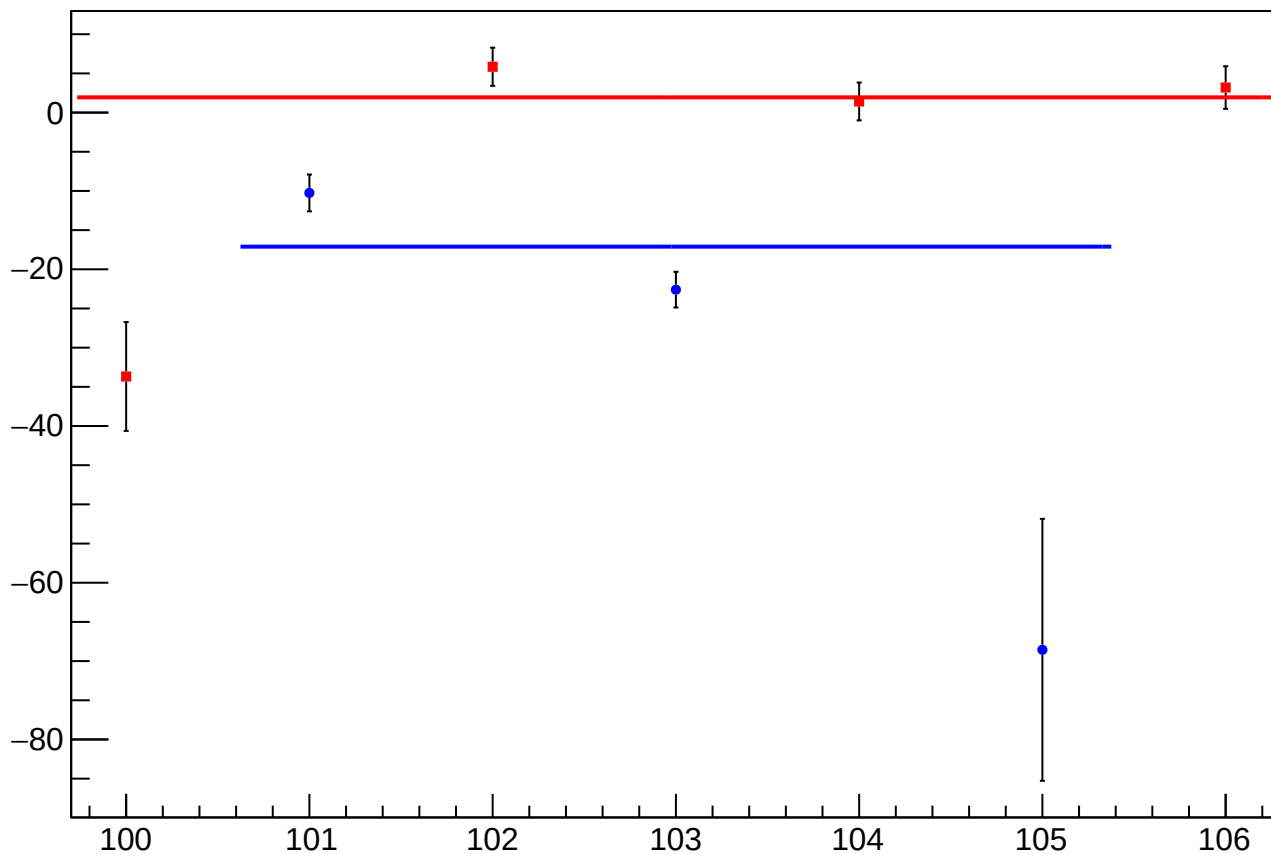
Right Out: 1164.004 $\pm$ 0.693 χ^2 /NDF: 9562.6/3

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

1120.028 $\pm$ 0.734 χ^2 /NDF: 516.9/2

1164.004 $\pm$ 0.693 χ^2 /NDF: 9562.6/3

diff_bpm0i02aX_mean vs slug



Right In: -17.108 $\pm$ 1.627 χ^2 /NDF: 23.8/2

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

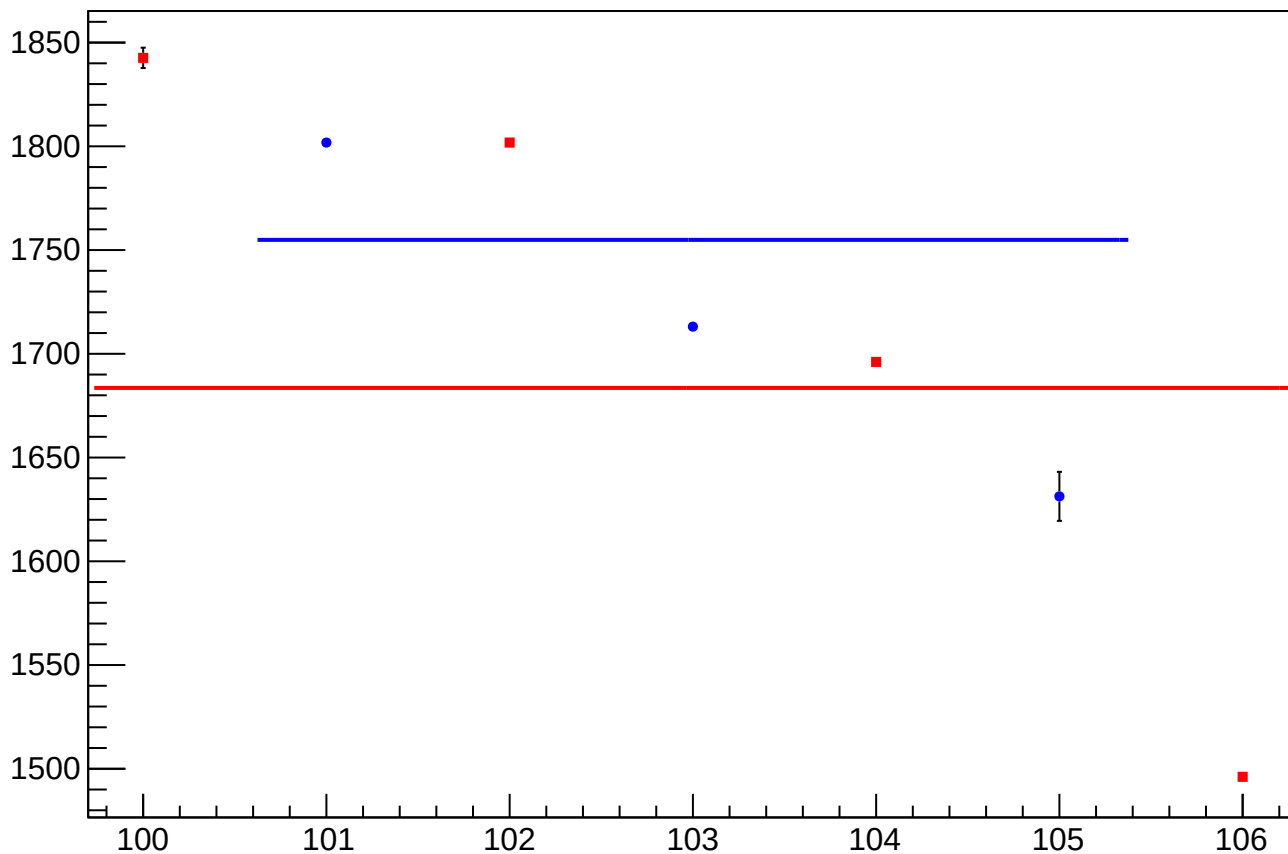
Right Out: 1.941 $\pm$ 1.420 χ^2 /NDF: 29.1/3

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

-17.108 $\pm$ 1.627 χ^2 /NDF: 23.8/2

1.941 $\pm$ 1.420 χ^2 /NDF: 29.1/3

diff_bpm0i02aX_rms vs slug



Right In: 1754.912 $\pm$ 1.150 χ^2 /NDF: 1581.2/2

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

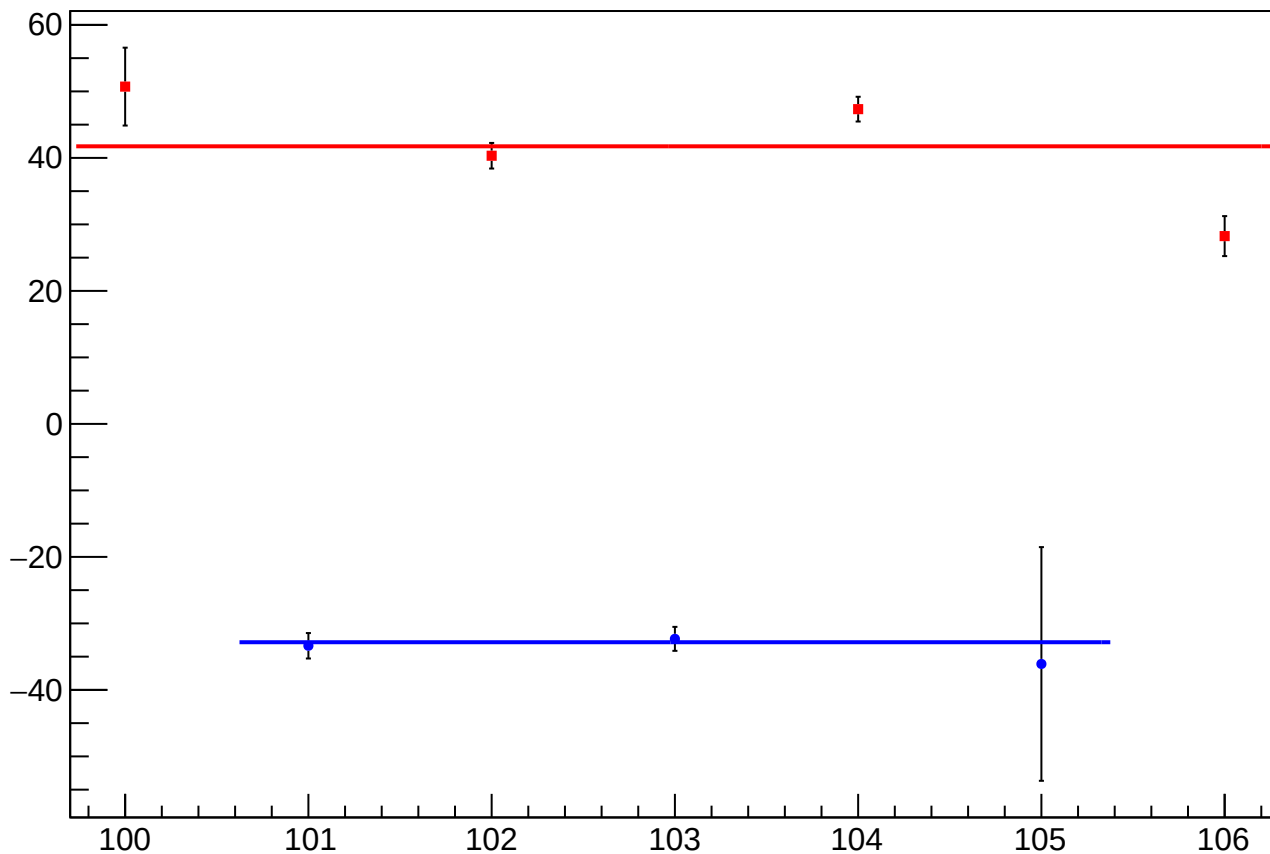
Right Out: 1683.559 $\pm$ 1.004 χ^2 /NDF: 15325.9/3

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

1754.912 $\pm$ 1.150 χ^2 /NDF: 1581.2/2

1683.559 $\pm$ 1.004 χ^2 /NDF: 15325.9/3

diff_bpm0i02aY_mean vs slug



Right In: -32.831+/-1.308 χ^2/NDF : 0.2/2

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

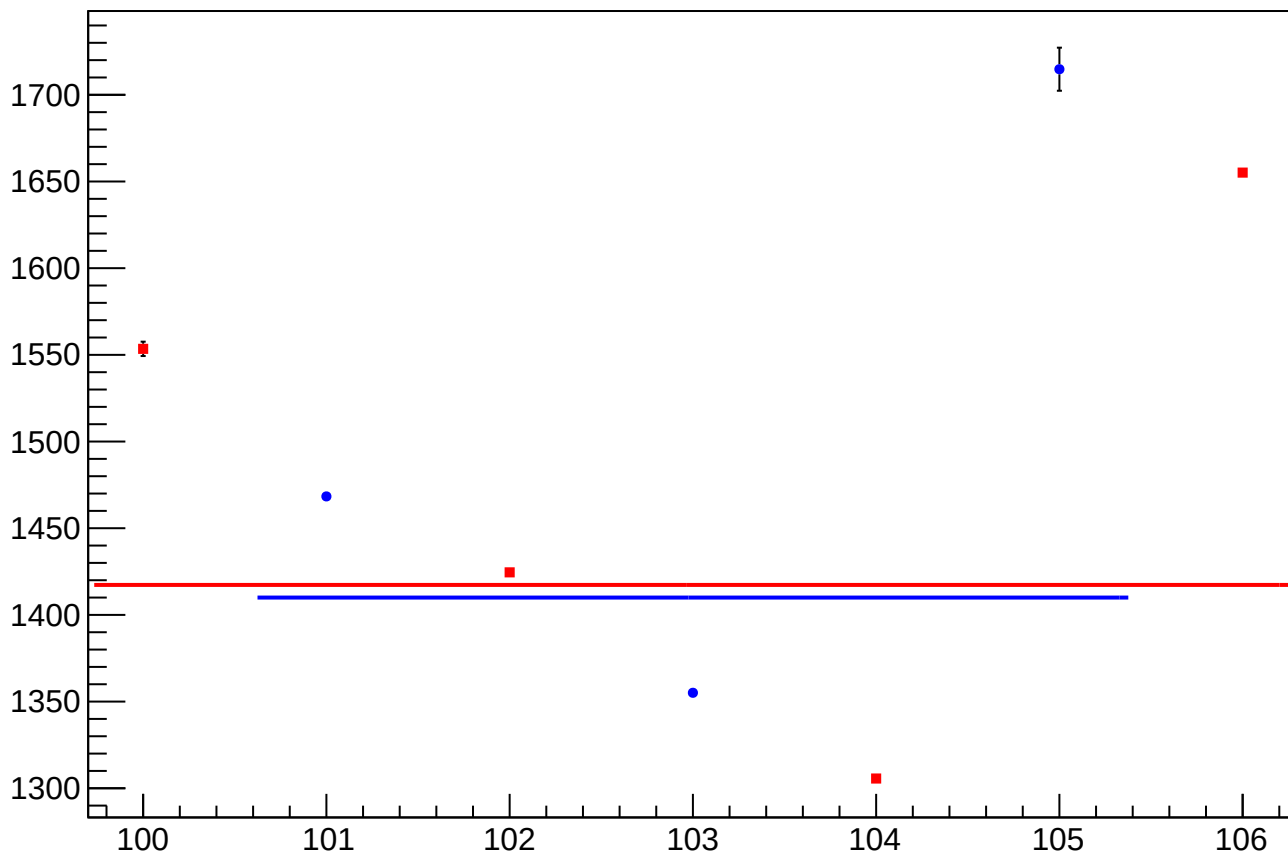
Right Out: 41.742+/-1.197 χ^2/NDF : 32.1/3

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

-32.831+/-1.308 χ^2/NDF : 0.2/2

41.742+/-1.197 χ^2/NDF : 32.1/3

diff_bpm0i02aY_rms vs slug



Right In: 1410.001 $\pm$ 0.925 χ^2 /NDF: 4320.1/2

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

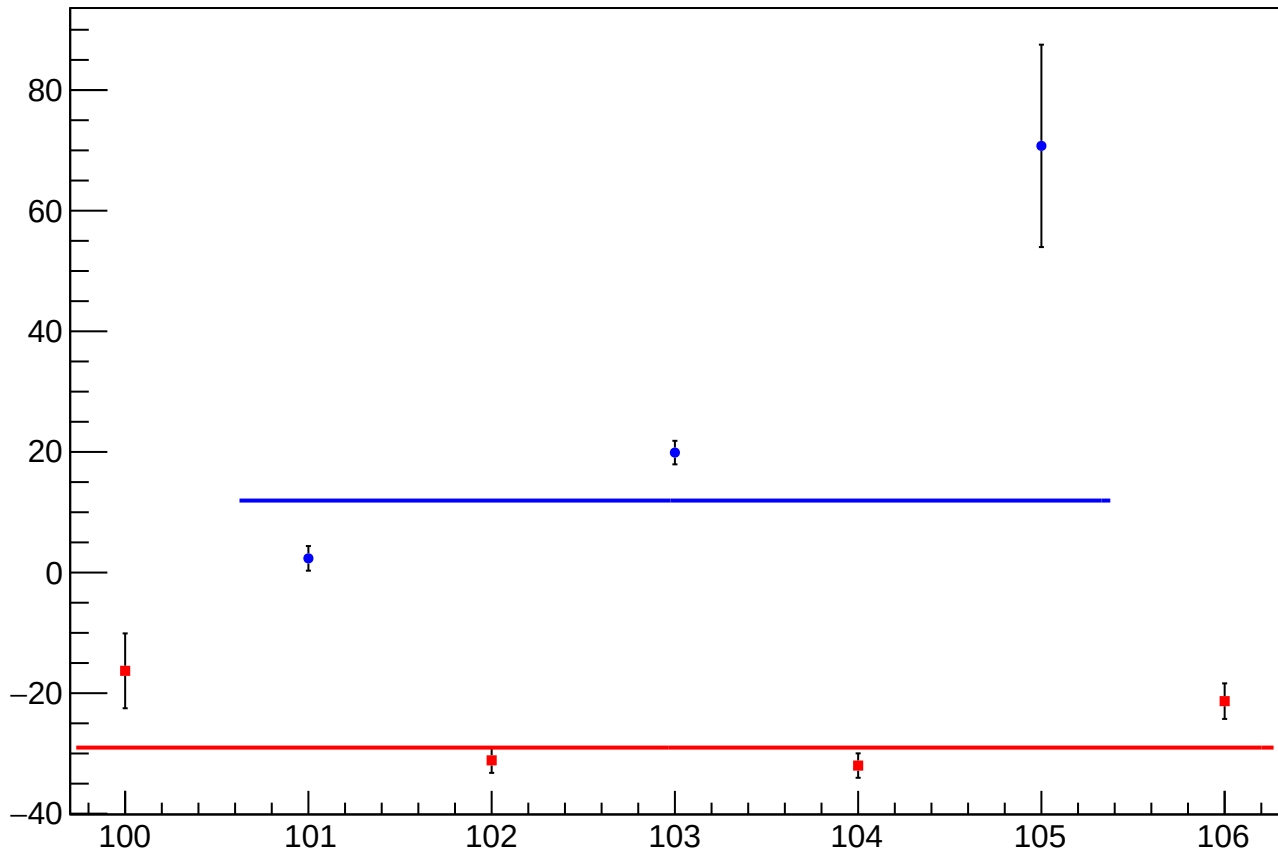
Right Out: 1417.291 $\pm$ 0.846 χ^2 /NDF: 20823.6/3

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

1410.001 $\pm$ 0.925 χ^2 /NDF: 4320.1/2

1417.291 $\pm$ 0.846 χ^2 /NDF: 20823.6/3

diff_bpm0i05X_mean vs slug



Right In: 11.937+/-1.406 χ^2 /NDF: 50.9/2

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

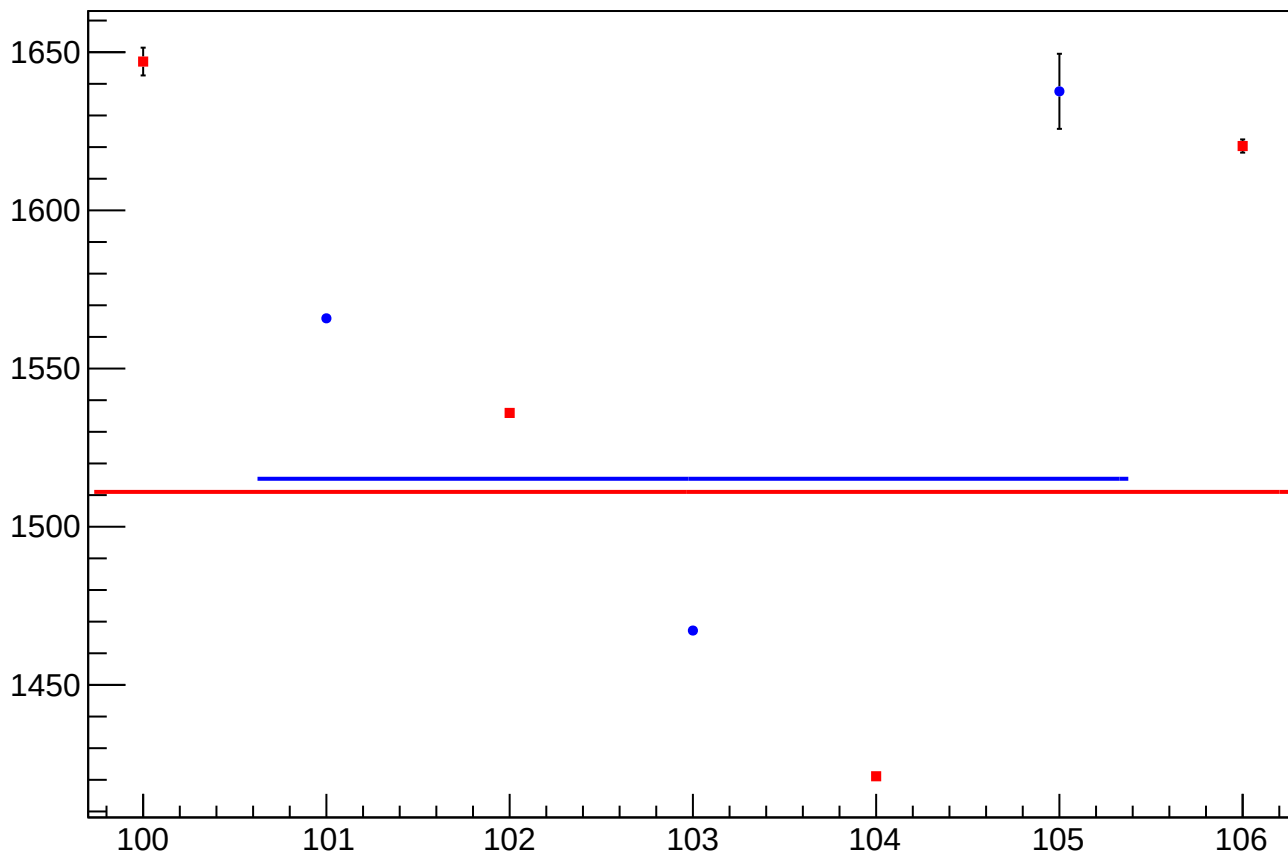
11.937+/-1.406 χ^2 /NDF: 50.9/2

Right Out: -29.022+/-1.274 χ^2 /NDF: 14.2/3

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

-29.022+/-1.274 χ^2 /NDF: 14.2/3

diff_bpm0i05X_rms vs slug



Right In: 1515.160 $\pm$ 0.994 χ^2 /NDF: 2550.3/2

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

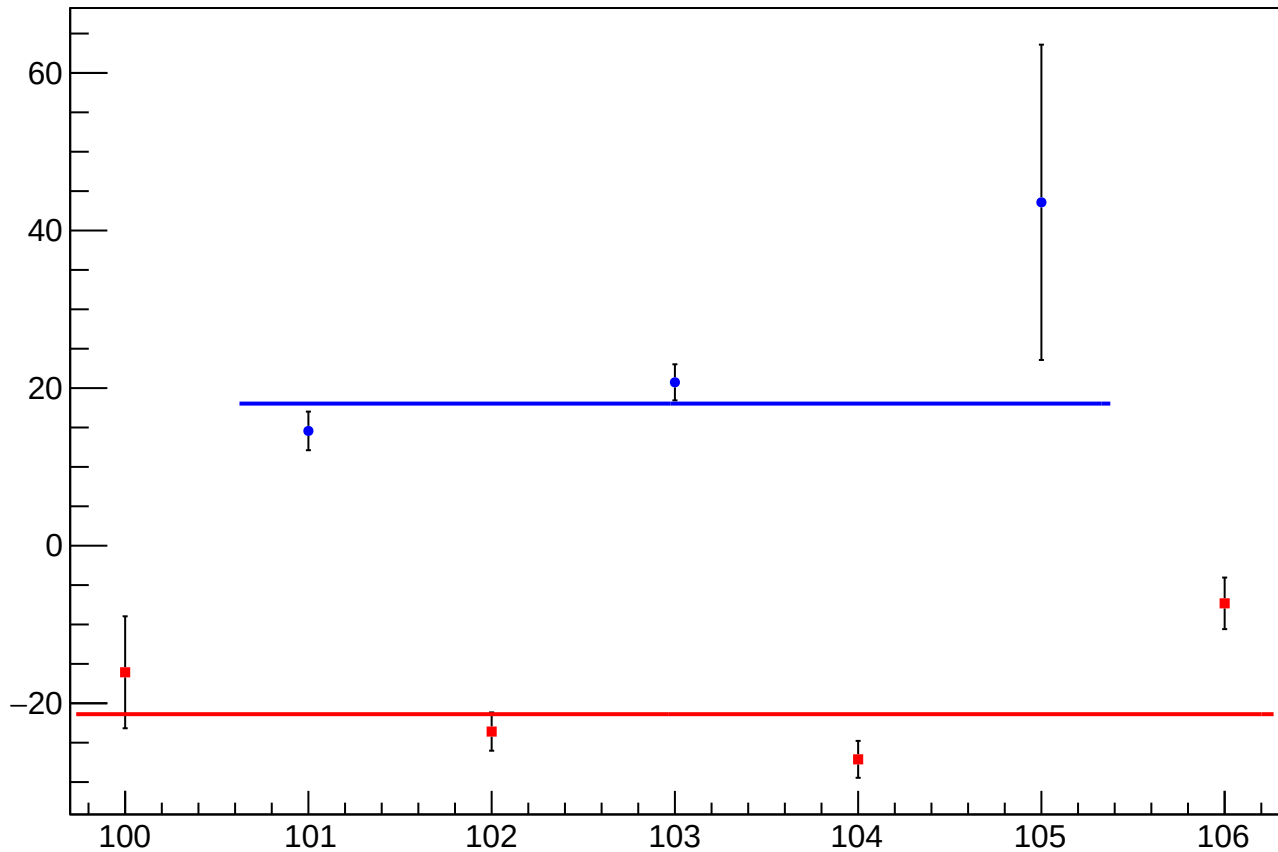
Right Out: 1511.012 $\pm$ 0.901 χ^2 /NDF: 7939.6/3

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

1515.160 $\pm$ 0.994 χ^2 /NDF: 2550.3/2

1511.012 $\pm$ 0.901 χ^2 /NDF: 7939.6/3

diff_bpm0i05Y_mean vs slug



Right In: 18.035+/-1.667 χ^2/NDF : 5.0/2

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

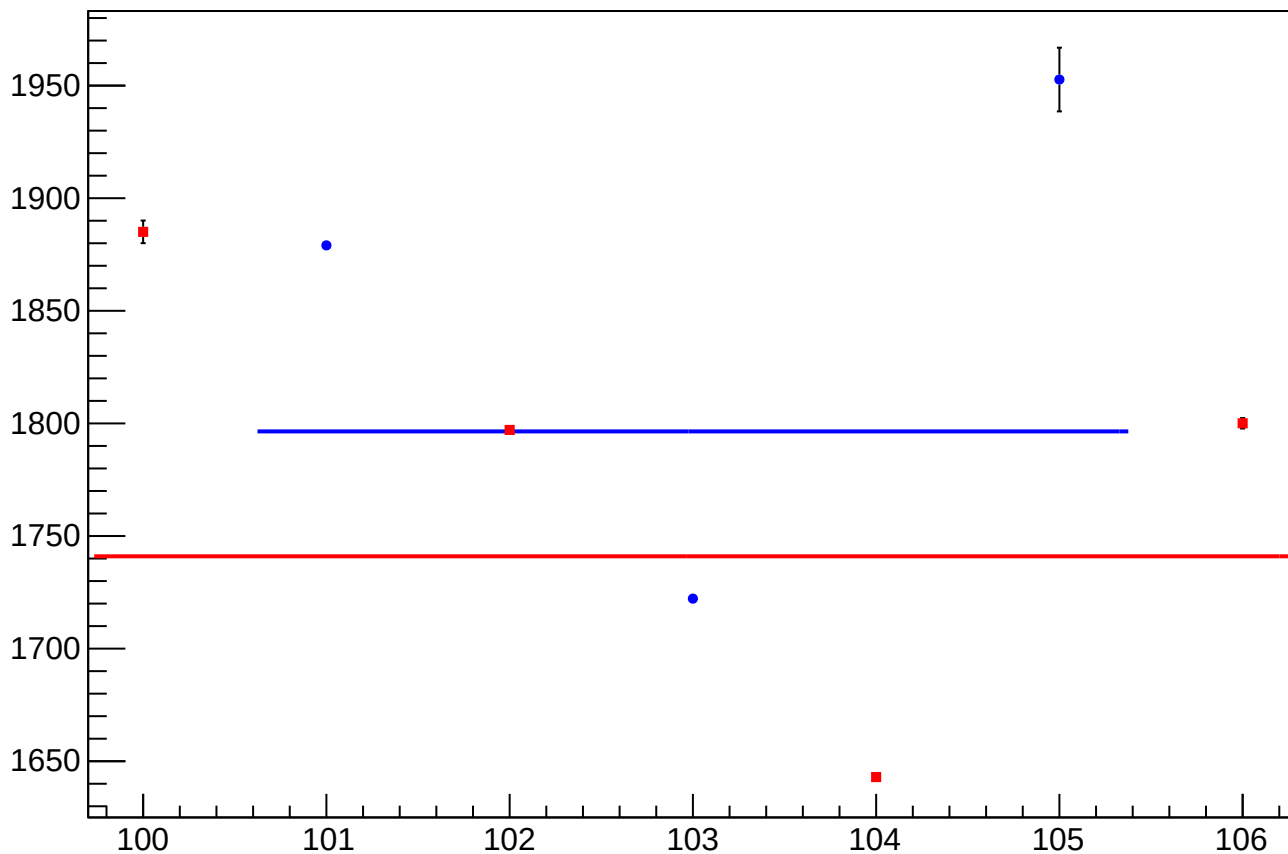
18.035+/-1.667 χ^2/NDF : 5.0/2

Right Out: -21.385+/-1.467 χ^2/NDF : 25.8/3

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

-21.385+/-1.467 χ^2/NDF : 25.8/3

diff_bpm0i05Y_rms vs slug



Right In: 1796.453 $\pm$ 1.179 χ^2 /NDF: 4498.0/2

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

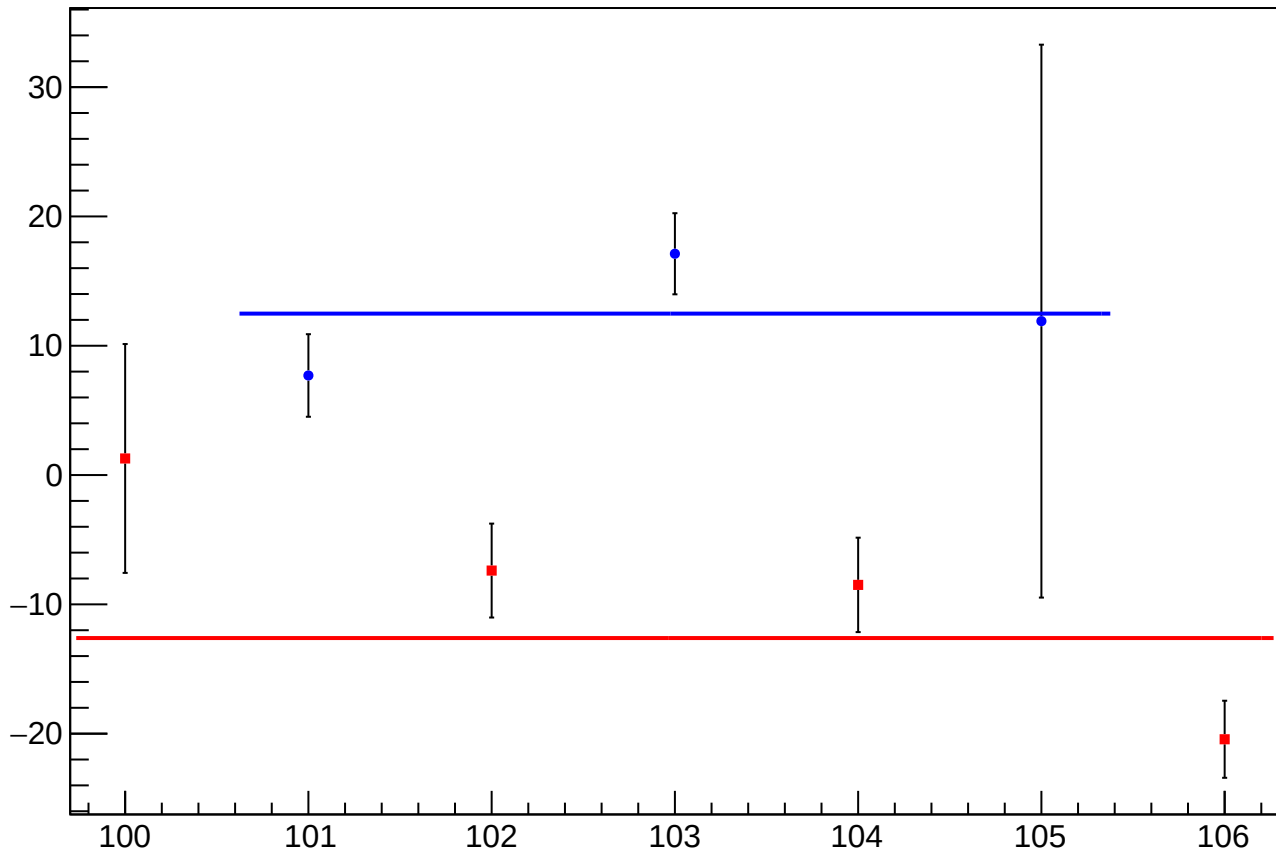
Right Out: 1740.999 $\pm$ 1.037 χ^2 /NDF: 6044.0/3

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

1796.453 $\pm$ 1.179 χ^2 /NDF: 4498.0/2

1740.999 $\pm$ 1.037 χ^2 /NDF: 6044.0/3

diff_bpm0i07X_mean vs slug



Right In: 12.485 $\pm$ 2.225 χ^2 /NDF: 4.4/2

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

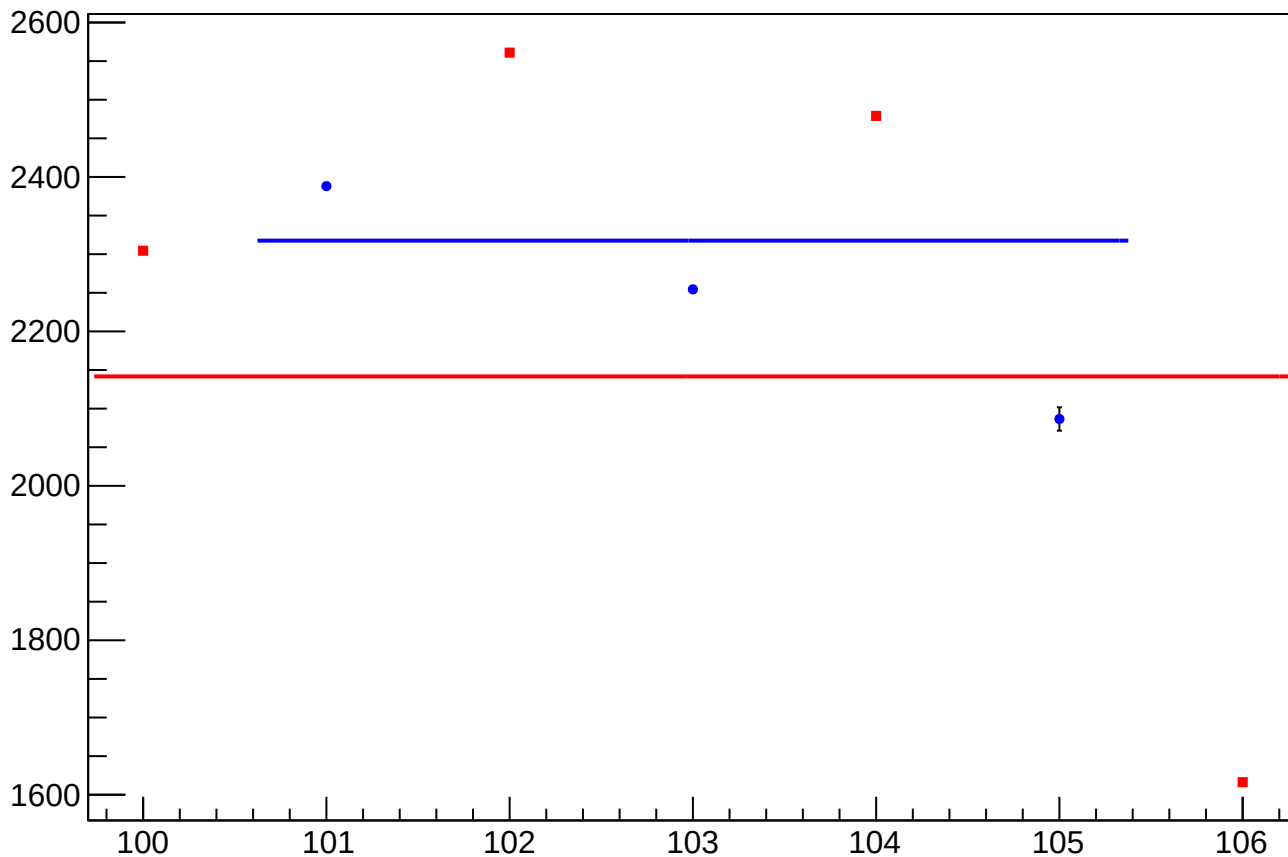
Right Out: -12.606 $\pm$ 1.903 χ^2 /NDF: 12.7/3

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

12.485 $\pm$ 2.225 χ^2 /NDF: 4.4/2

-12.606 $\pm$ 1.903 χ^2 /NDF: 12.7/3

diff_bpm0i07X_rms vs slug



Right In: 2317.530+/-1.574 χ^2 /NDF: 2019.3/2

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

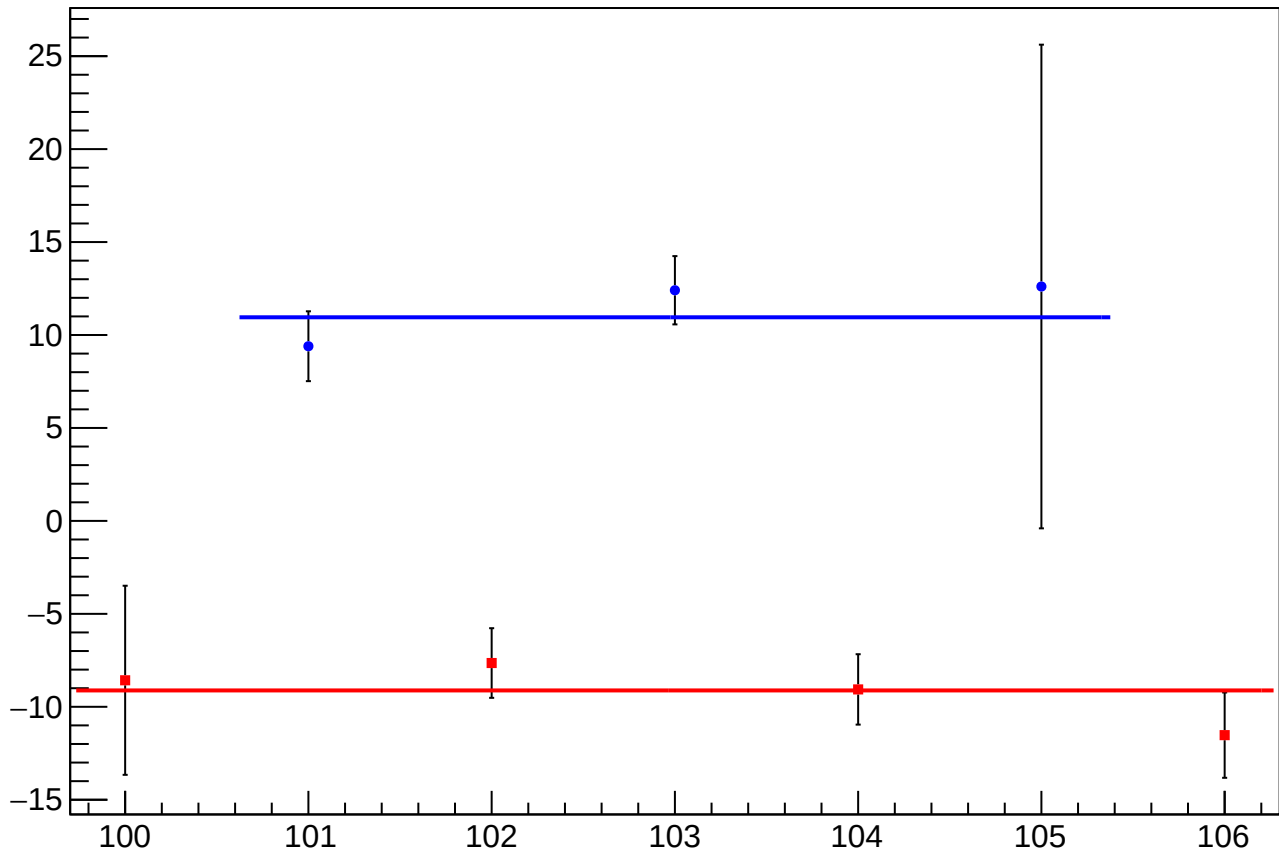
Right Out: 2141.721+/-1.345 χ^2 /NDF: 106584.4/3

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

2317.530+/-1.574 χ^2 /NDF: 2019.3/2

2141.721+/-1.345 χ^2 /NDF: 106584.4/3

diff_bpm0i07Y_mean vs slug



Right In: 10.953+/-1.307 χ^2/NDF : 1.3/2

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

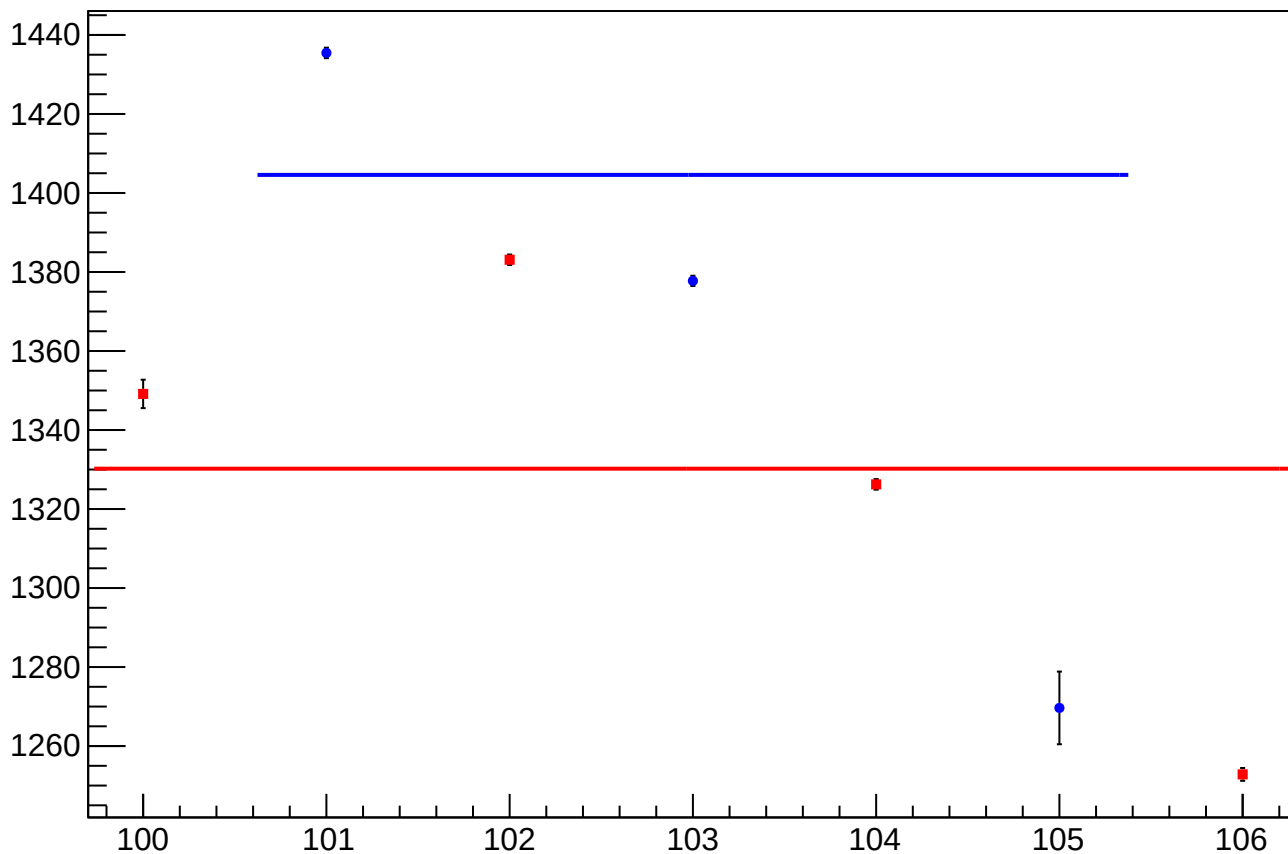
10.953+/-1.307 χ^2/NDF : 1.3/2

Right Out: -9.120+/-1.123 χ^2/NDF : 1.7/3

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

-9.120+/-1.123 χ^2/NDF : 1.7/3

diff_bpm0i07Y_rms vs slug



Right In: 1404.580 $\pm$ 0.924 χ^2 /NDF: 1181.9/2

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

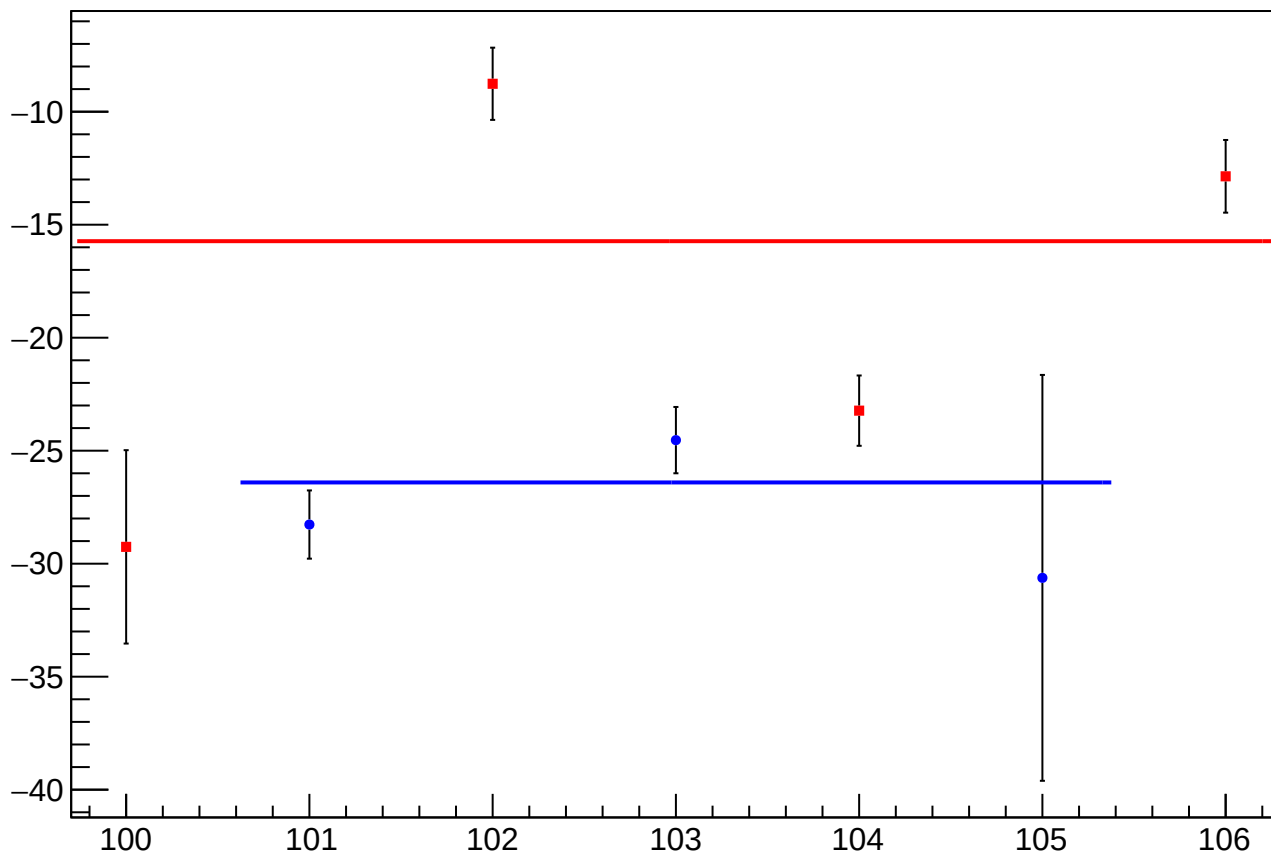
Right Out: 1330.215 $\pm$ 0.794 χ^2 /NDF: 3905.6/3

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

1404.580 $\pm$ 0.924 χ^2 /NDF: 1181.9/2

1330.215 $\pm$ 0.794 χ^2 /NDF: 3905.6/3

diff_bpm1i02X_mean vs slug



Right In: -26.405 $\pm$ 1.045 χ^2 /NDF: 3.4/2

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

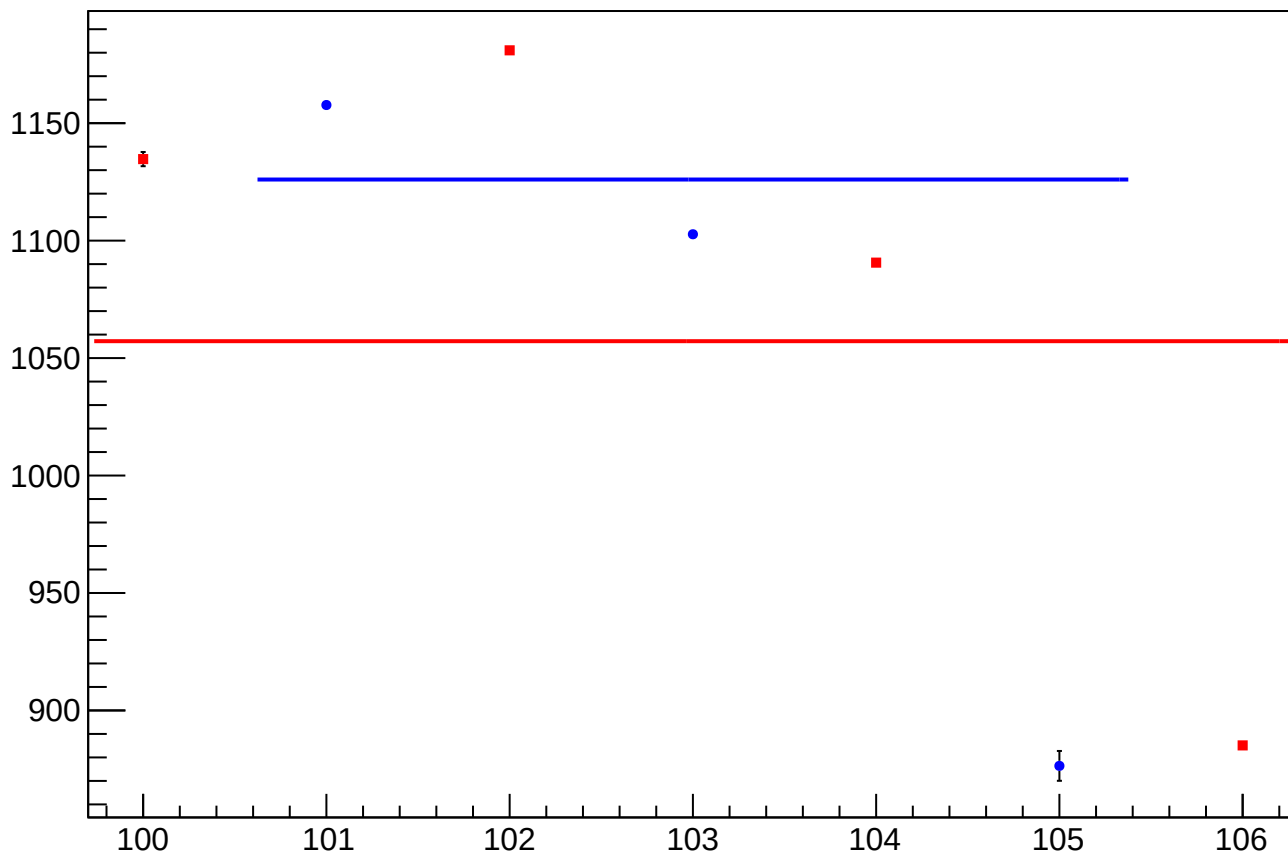
Right Out: -15.729 $\pm$ 0.896 χ^2 /NDF: 55.4/3

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

-26.405 $\pm$ 1.045 χ^2 /NDF: 3.4/2

-15.729 $\pm$ 0.896 χ^2 /NDF: 55.4/3

diff_bpm1i02X_rms vs slug



Right In: 1126.014 $\pm$ 0.739 χ^2 /NDF: 2932.6/2

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

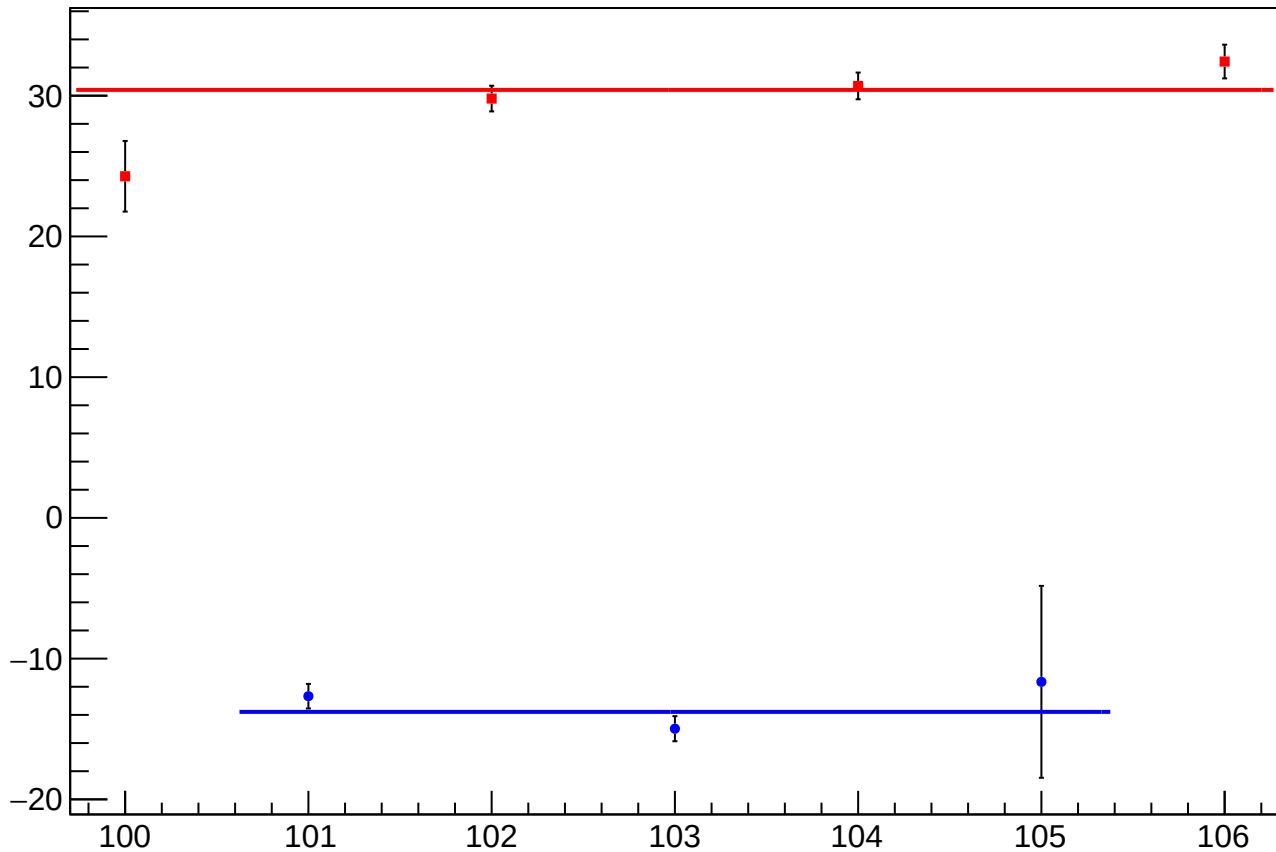
Right Out: 1057.196 $\pm$ 0.633 χ^2 /NDF: 36495.5/3

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

1126.014 $\pm$ 0.739 χ^2 /NDF: 2932.6/2

1057.196 $\pm$ 0.633 χ^2 /NDF: 36495.5/3

diff_bpm1i02Y_mean vs slug



Right In: -13.784 $\pm$ 0.621 χ^2 /NDF: 3.5/2

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

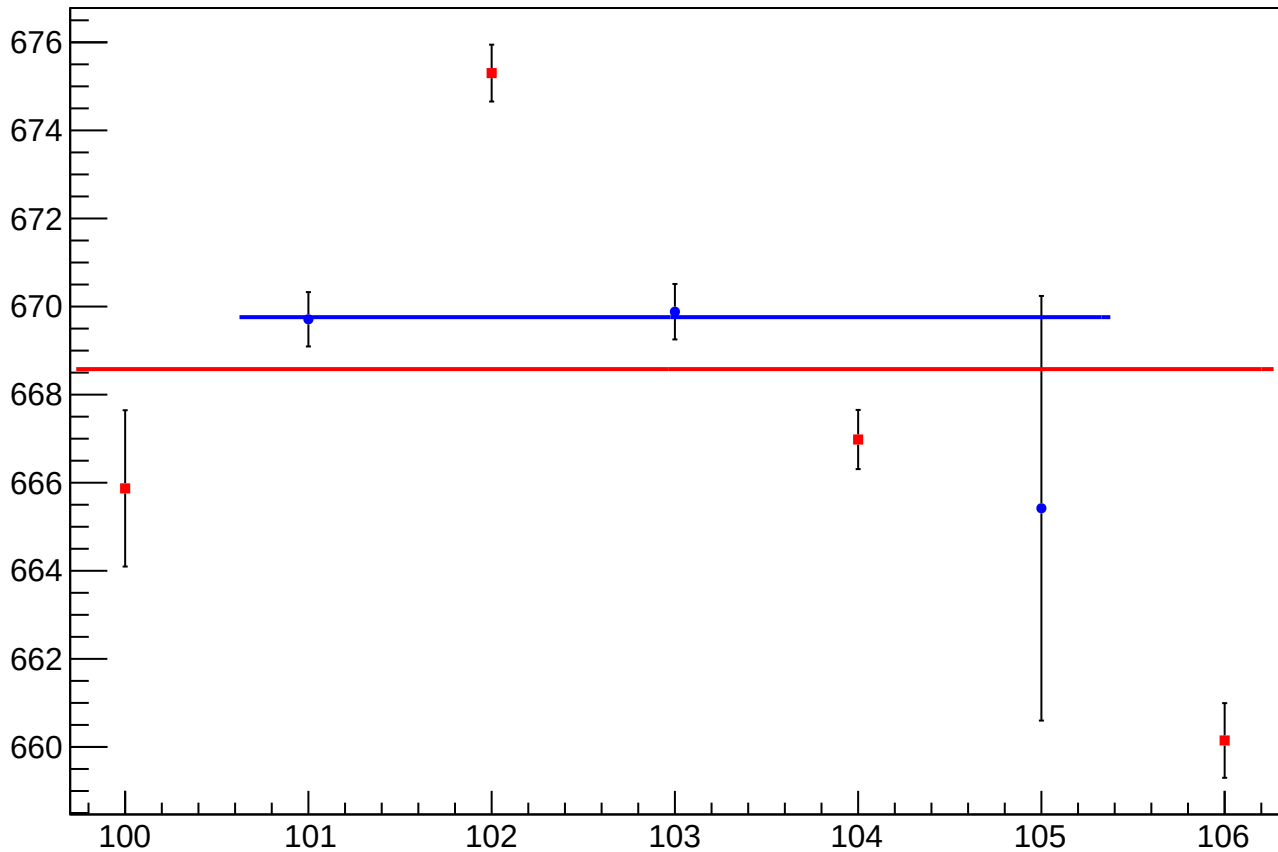
Right Out: 30.412 $\pm$ 0.562 χ^2 /NDF: 9.4/3

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

-13.784 $\pm$ 0.621 χ^2 /NDF: 3.5/2

30.412 $\pm$ 0.562 χ^2 /NDF: 9.4/3

diff_bpm1i02Y_rms vs slug



Right In: 669.759 $\pm$ 0.439 χ^2 /NDF: 0.9/2

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

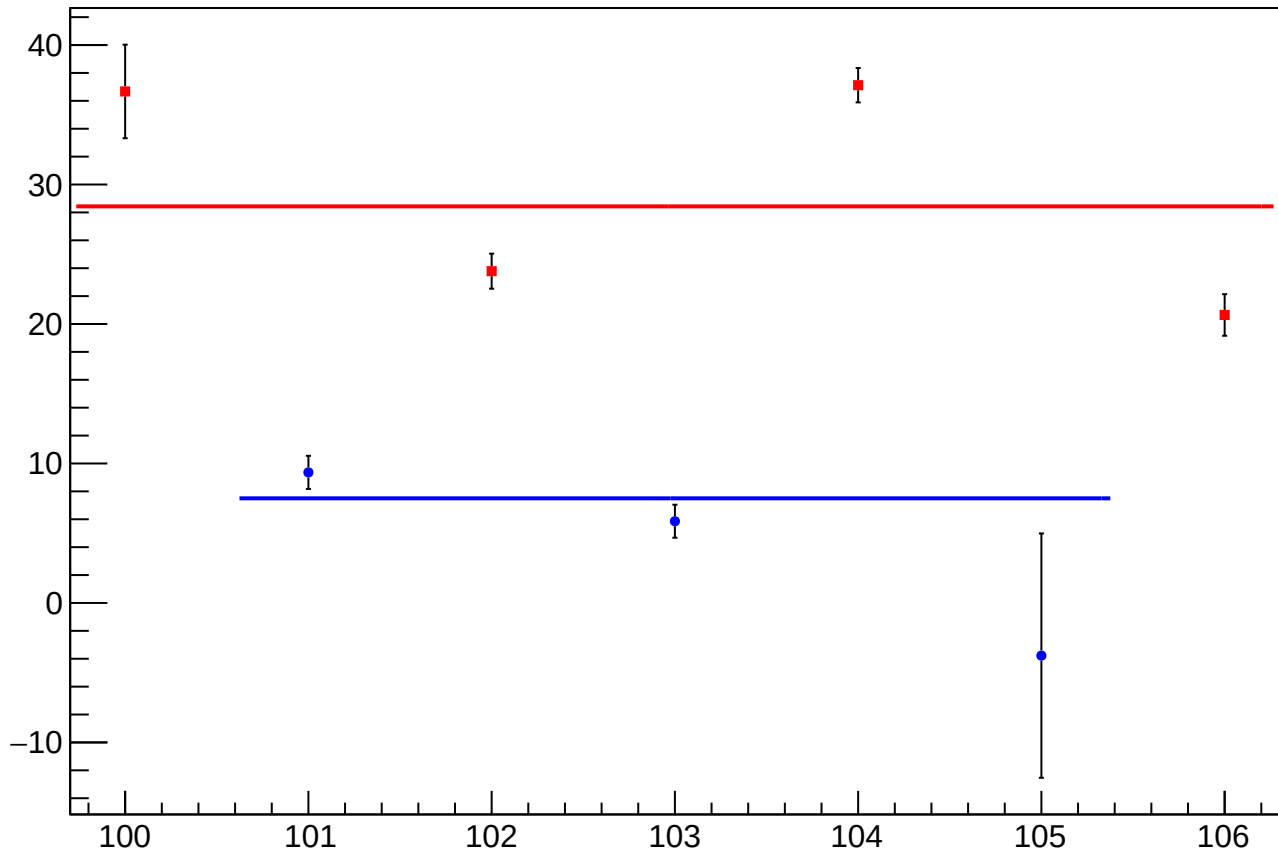
Right Out: 668.580 $\pm$ 0.398 χ^2 /NDF: 215.4/3

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

669.759 $\pm$ 0.439 χ^2 /NDF: 0.9/2

668.580 $\pm$ 0.398 χ^2 /NDF: 215.4/3

diff_bpm1i04X_mean vs slug



Right In: 7.501 $\pm$ 0.834 χ^2 /NDF: 6.0/2

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

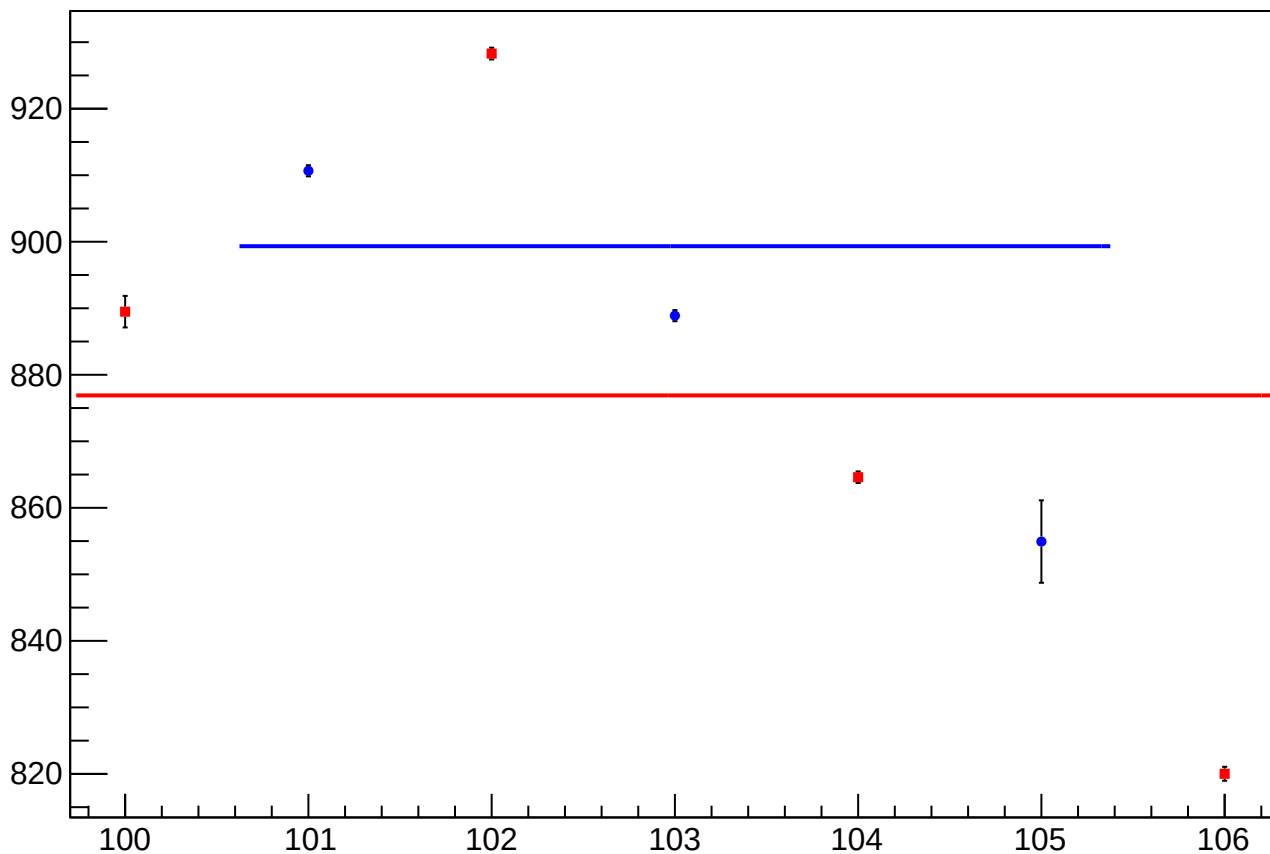
7.501 $\pm$ 0.834 χ^2 /NDF: 6.0/2

Right Out: 28.434 $\pm$ 0.739 χ^2 /NDF: 96.7/3

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

28.434 $\pm$ 0.739 χ^2 /NDF: 96.7/3

diff_bpm1i04X_rms vs slug



Right In: 899.330 $\pm$ 0.590 χ^2 /NDF: 389.5/2

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

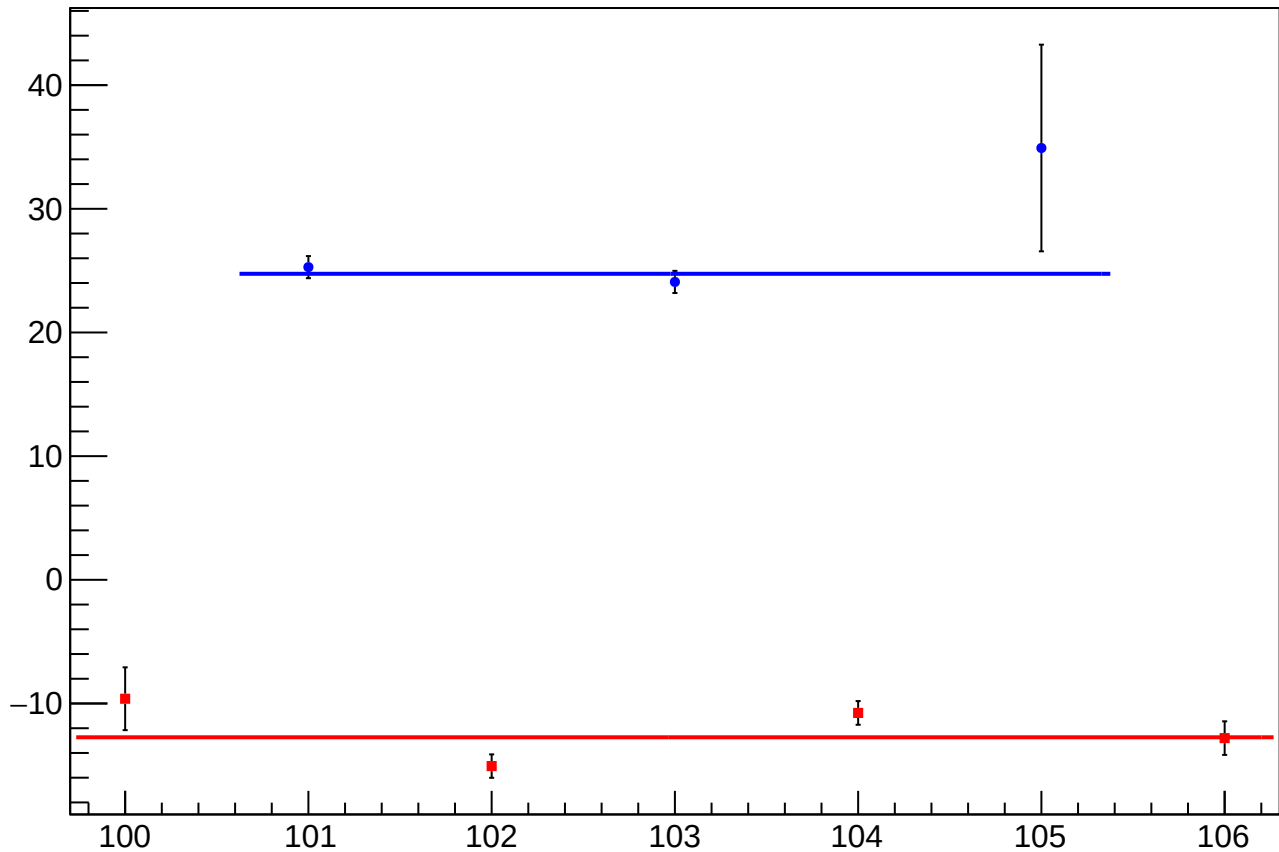
Right Out: 876.901 $\pm$ 0.522 χ^2 /NDF: 6489.0/3

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

899.330 $\pm$ 0.590 χ^2 /NDF: 389.5/2

876.901 $\pm$ 0.522 χ^2 /NDF: 6489.0/3

diff_bpm1i04Y_mean vs slug



Right In: 24.745+/-0.631 χ^2 /NDF: 2.4/2

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

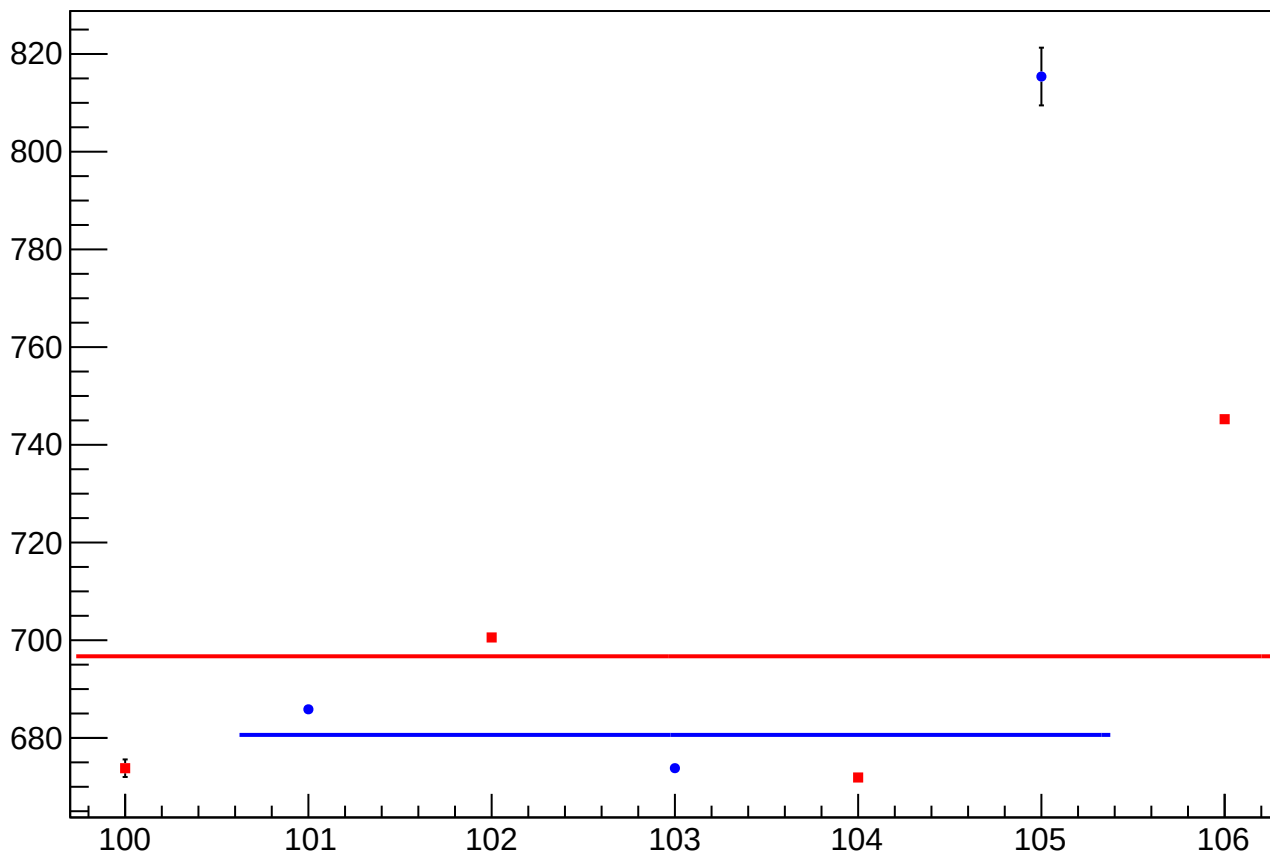
24.745+/-0.631 χ^2 /NDF: 2.4/2

Right Out: -12.733+/-0.587 χ^2 /NDF: 11.8/3

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

-12.733+/-0.587 χ^2 /NDF: 11.8/3

diff_bpm1i04Y_rms vs slug



Right In: 680.621+/-0.446 χ^2/NDF : 704.6/2

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

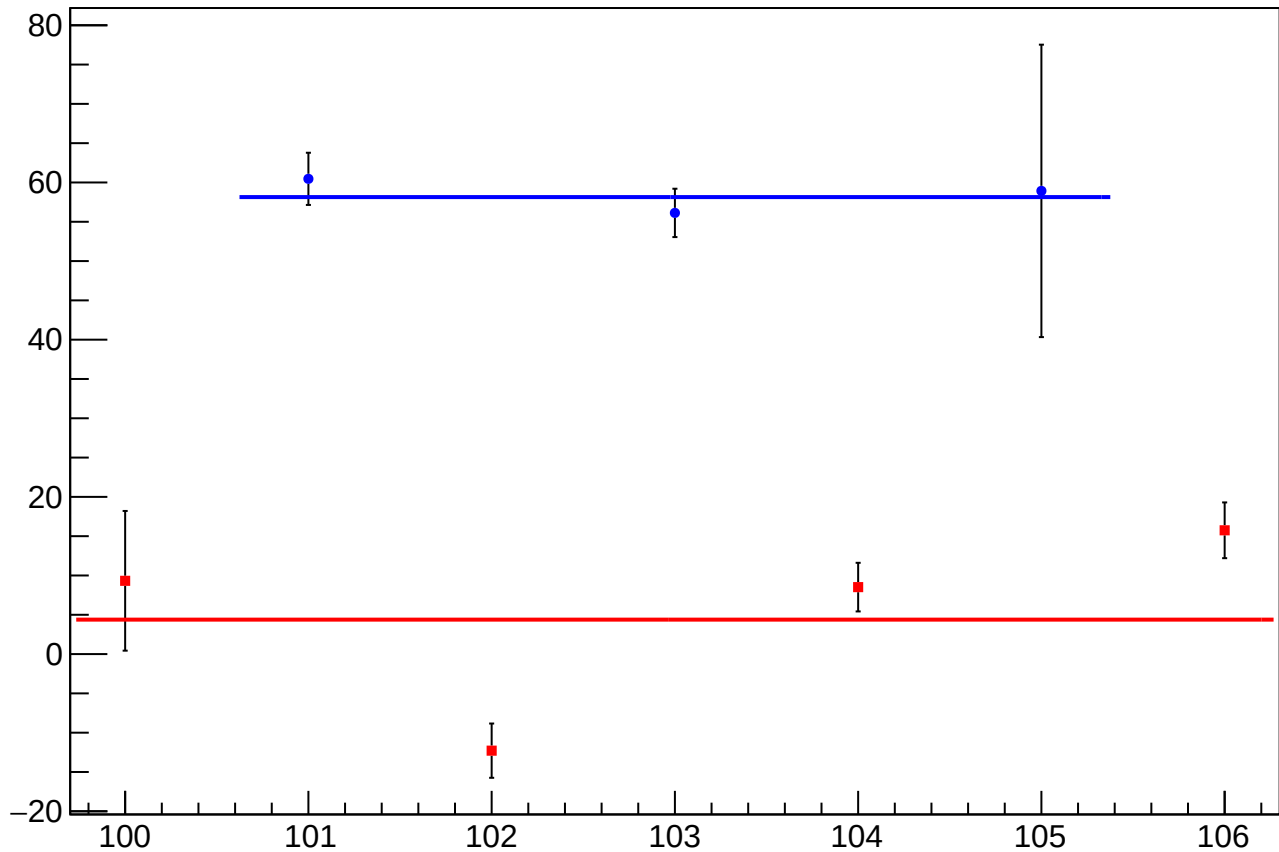
Right Out: 696.712+/-0.415 χ^2/NDF : 4092.4/3

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

680.621+/-0.446 χ^2/NDF : 704.6/2

696.712+/-0.415 χ^2/NDF : 4092.4/3

diff_bpm1i06X_mean vs slug



Right In: 58.141+/-2.240 χ^2 /NDF: 0.9/2

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

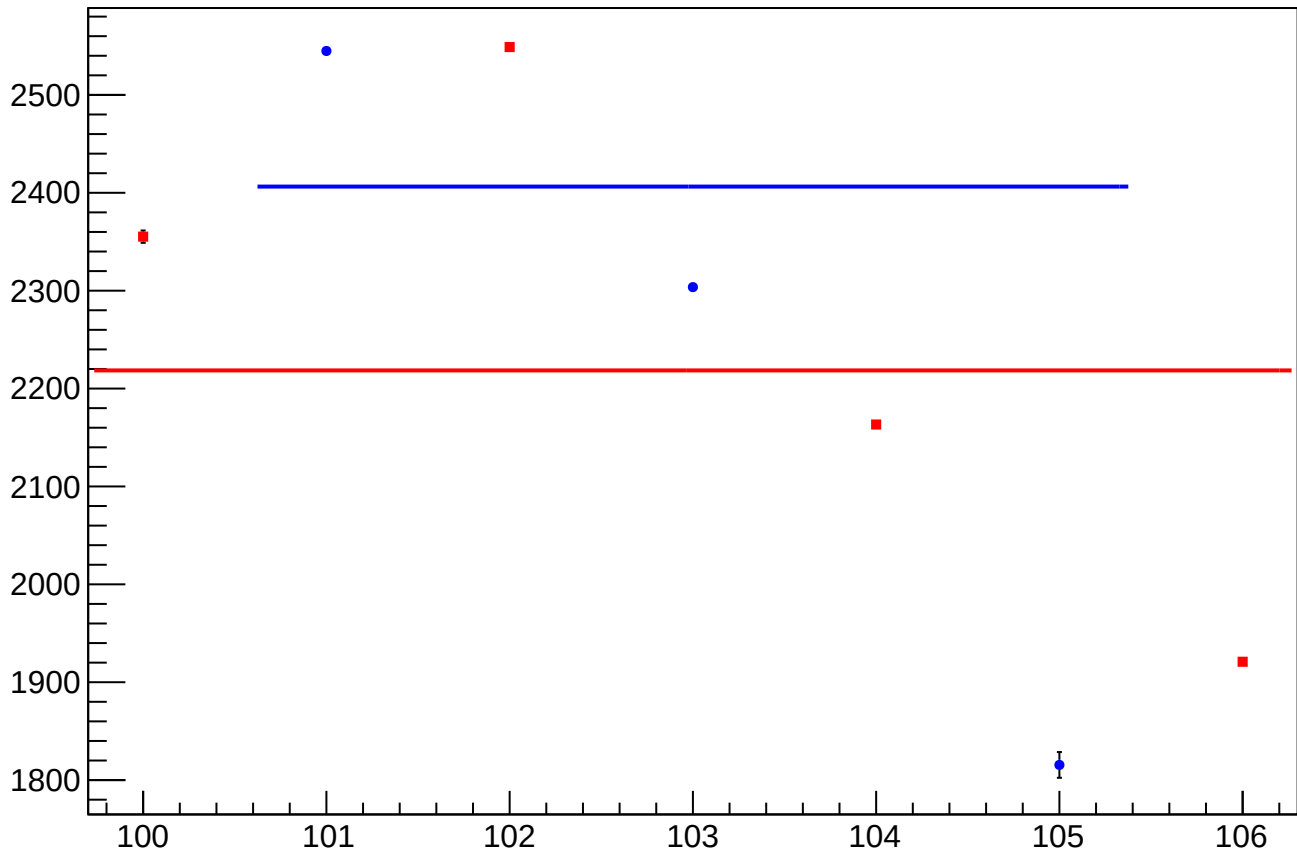
Right Out: 4.383+/-1.888 χ^2 /NDF: 35.7/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

58.141+/-2.240 χ^2 /NDF: 0.9/2

4.383+/-1.888 χ^2 /NDF: 35.7/3

diff_bpm1i06X_rms vs slug



Right In: 2406.351+/-1.584 χ^2/NDF : 7730.4/2

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

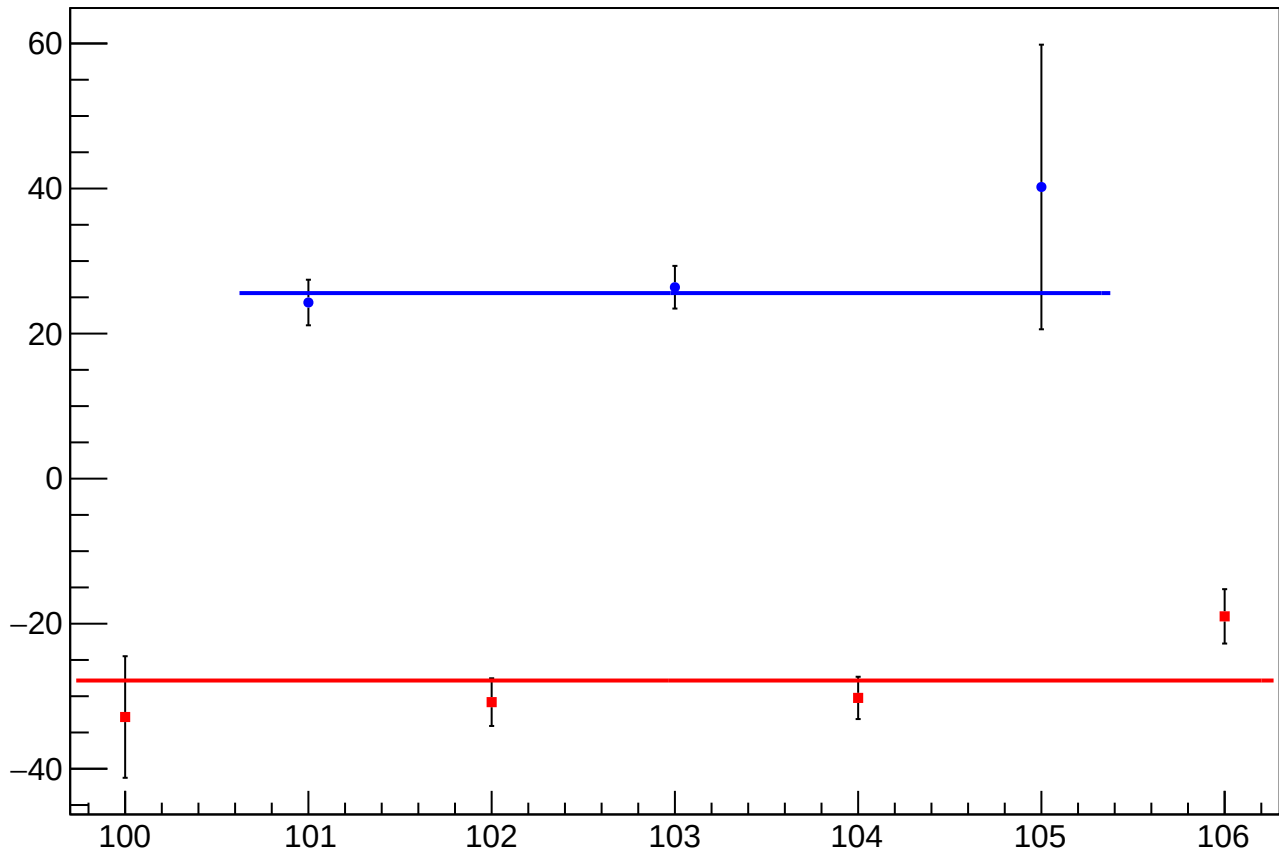
2406.351+/-1.584 χ^2/NDF : 7730.4/2

Right Out: 2218.543+/-1.335 χ^2/NDF : 33511.8/3

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

2218.543+/-1.335 χ^2/NDF : 33511.8/3

diff_bpm1i06Y_mean vs slug



Right In: 25.583+/-2.135 χ^2/NDF : 0.8/2

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

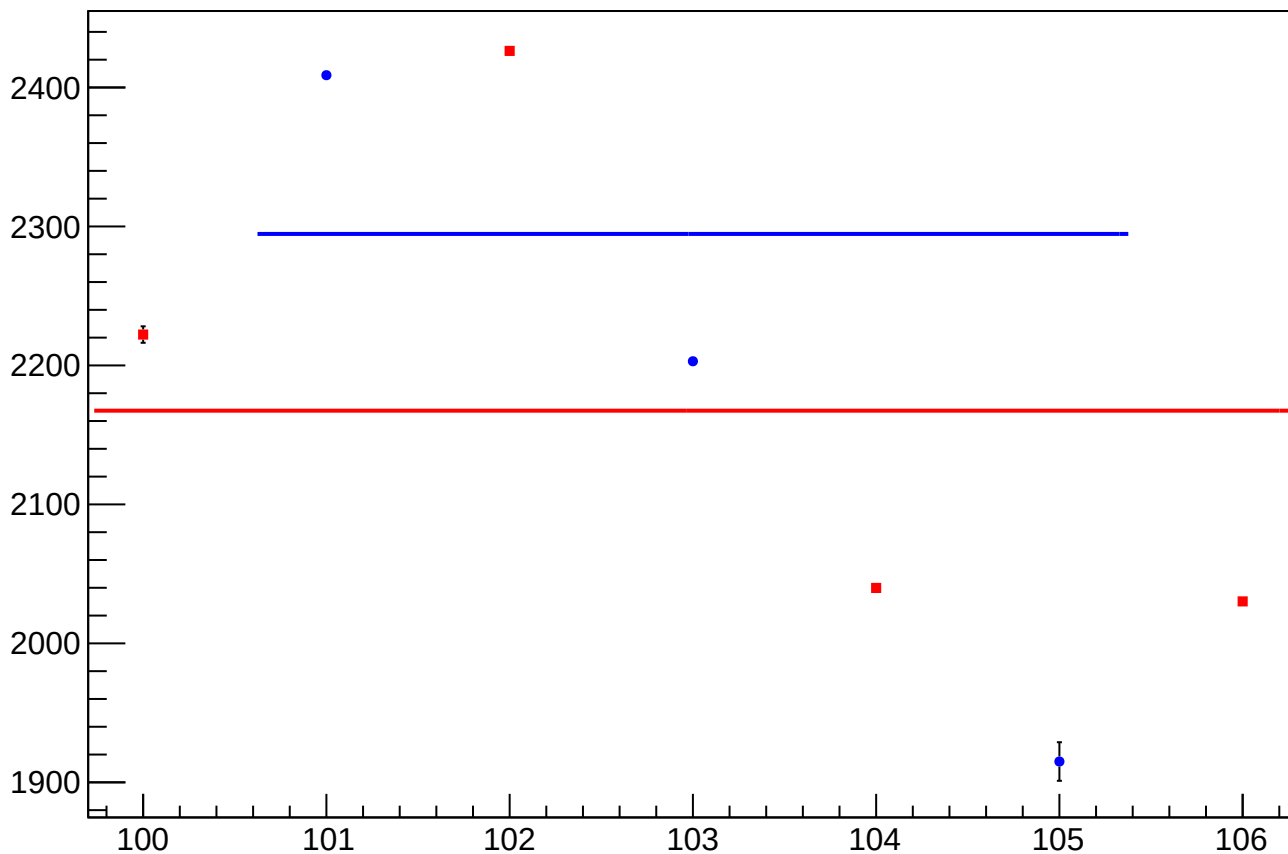
25.583+/-2.135 χ^2/NDF : 0.8/2

Right Out: -27.835+/-1.839 χ^2/NDF : 7.4/3

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

-27.835+/-1.839 χ^2/NDF : 7.4/3

diff_bpm1i06Y_rms vs slug



Right In: 2294.621+/-1.510 χ^2/NDF : 5330.3/2

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

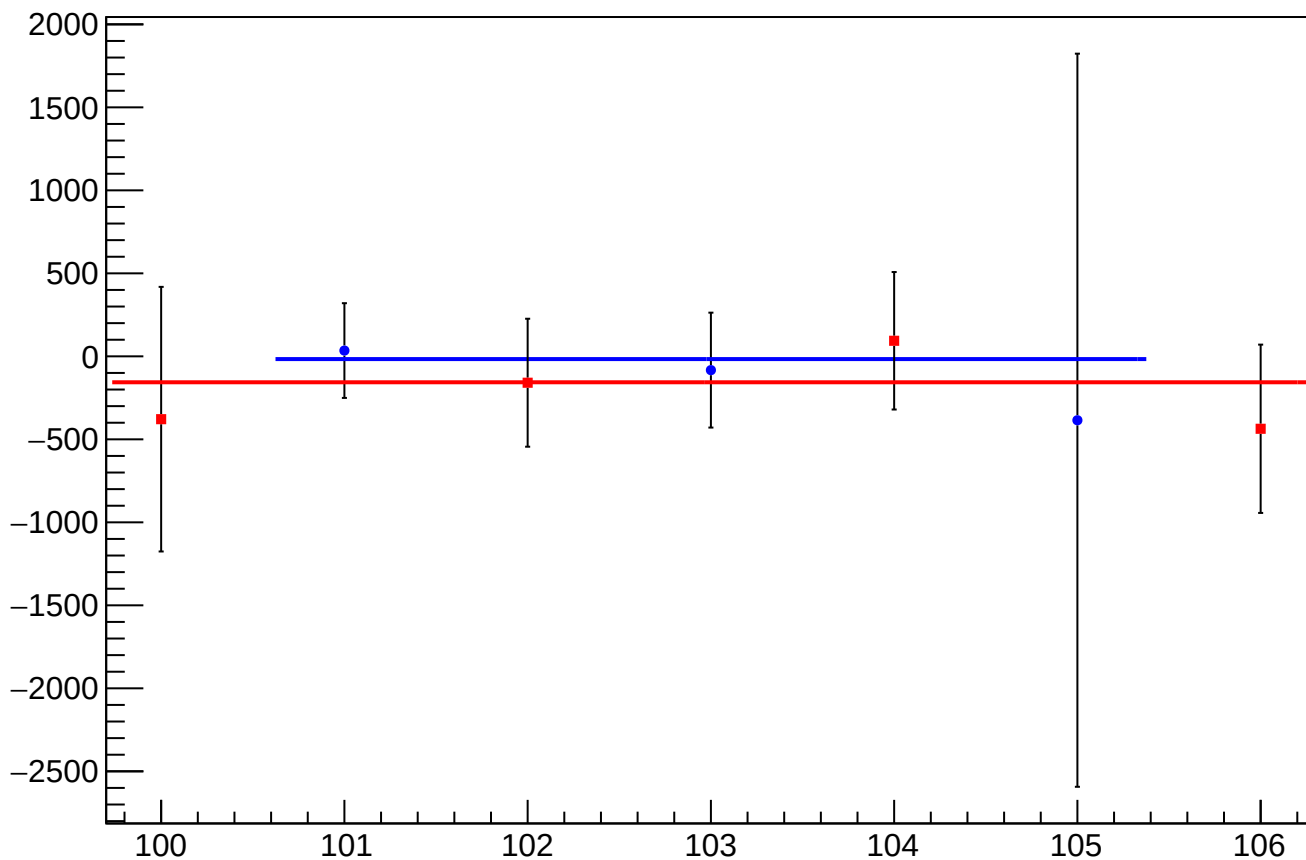
Right Out: 2167.446+/-1.301 χ^2/NDF : 19005.7/3

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

2294.621+/-1.510 χ^2/NDF : 5330.3/2

2167.446+/-1.301 χ^2/NDF : 19005.7/3

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs slug



Right In: -16.517 $\pm$ 219.081 χ^2 /NDF: 0.1/2

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

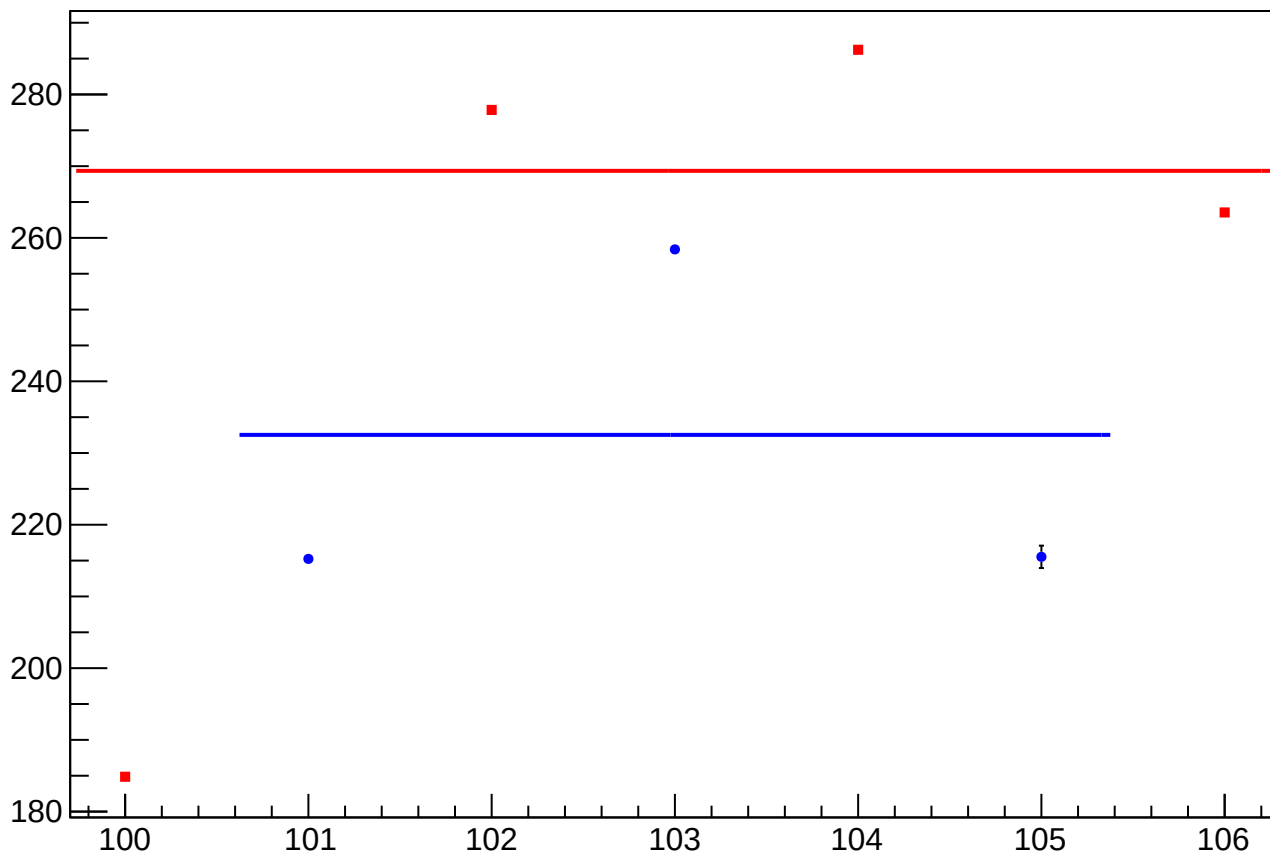
Right Out: -156.279 $\pm$ 235.536 χ^2 /NDF: 0.7/3

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

-16.517 $\pm$ 219.081 χ^2 /NDF: 0.1/2

-156.279 $\pm$ 235.536 χ^2 /NDF: 0.7/3

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 232.531+/-0.155 χ^2/NDF : 18633.6/2

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

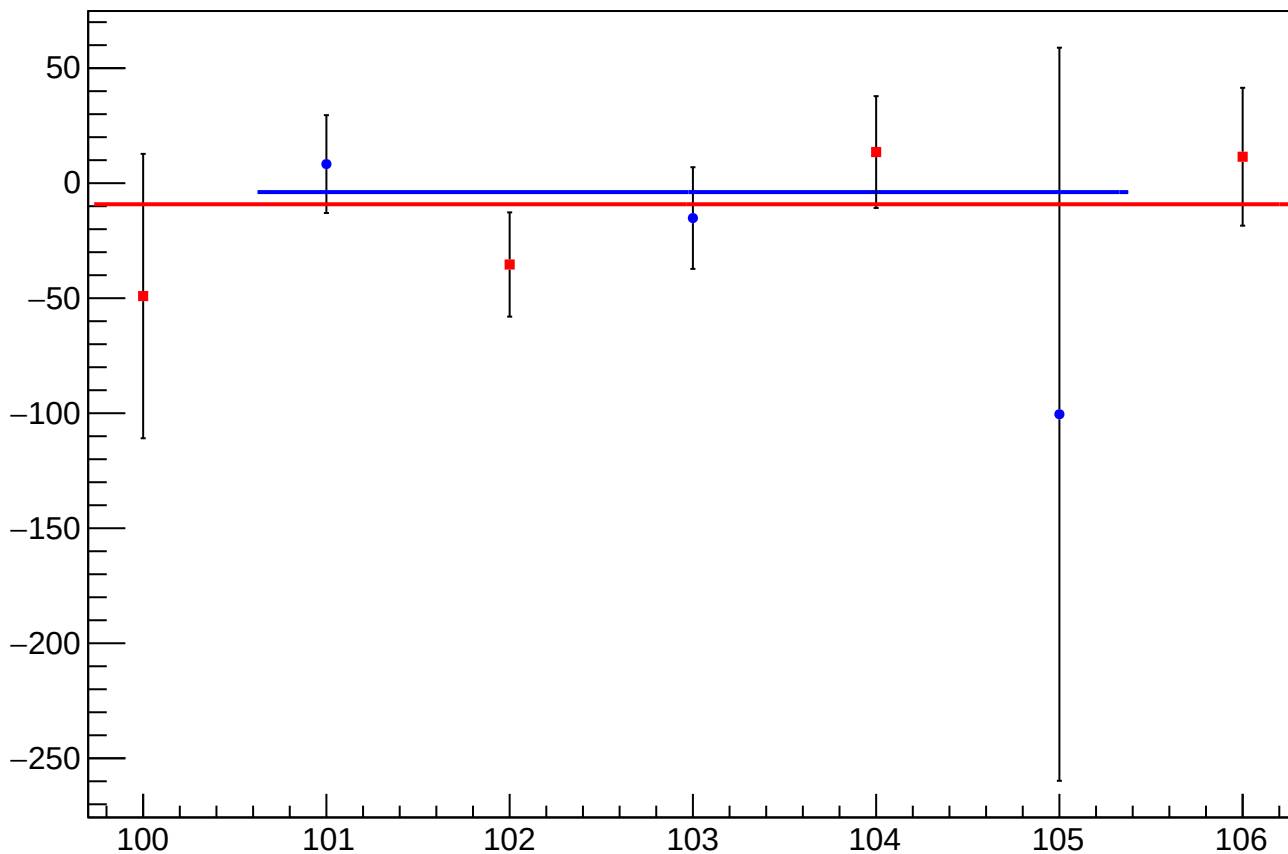
232.531+/-0.155 χ^2/NDF : 18633.6/2

Right Out: 269.350+/-0.167 χ^2/NDF : 27031.6/3

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

269.350+/-0.167 χ^2/NDF : 27031.6/3

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs slug



Right In: -3.872+/-15.254 χ^2/NDF : 1.0/2

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

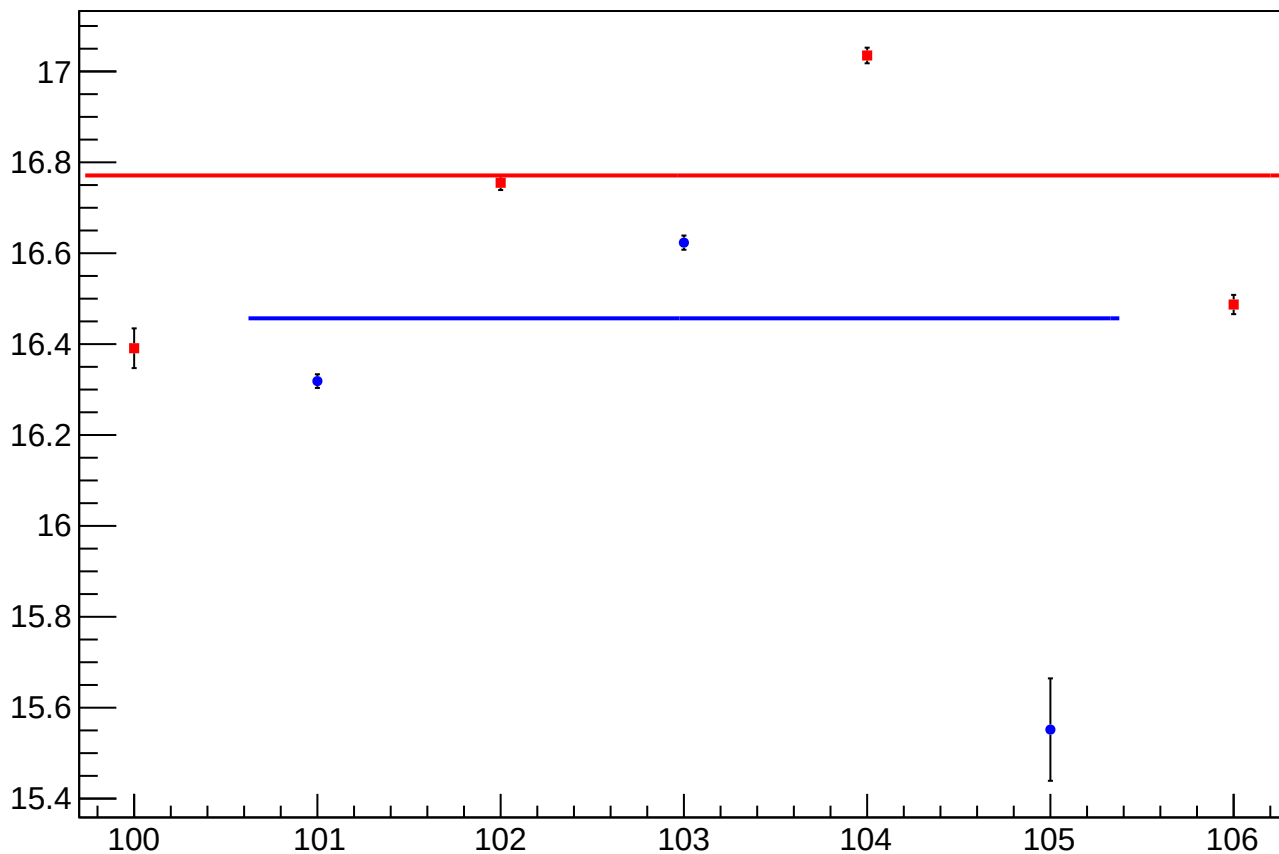
Right Out: -9.161+/-14.120 χ^2/NDF : 3.1/3

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

-3.872+/-15.254 χ^2/NDF : 1.0/2

-9.161+/-14.120 χ^2/NDF : 3.1/3

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.457+/-0.011 χ^2/NDF : 262.4/2

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

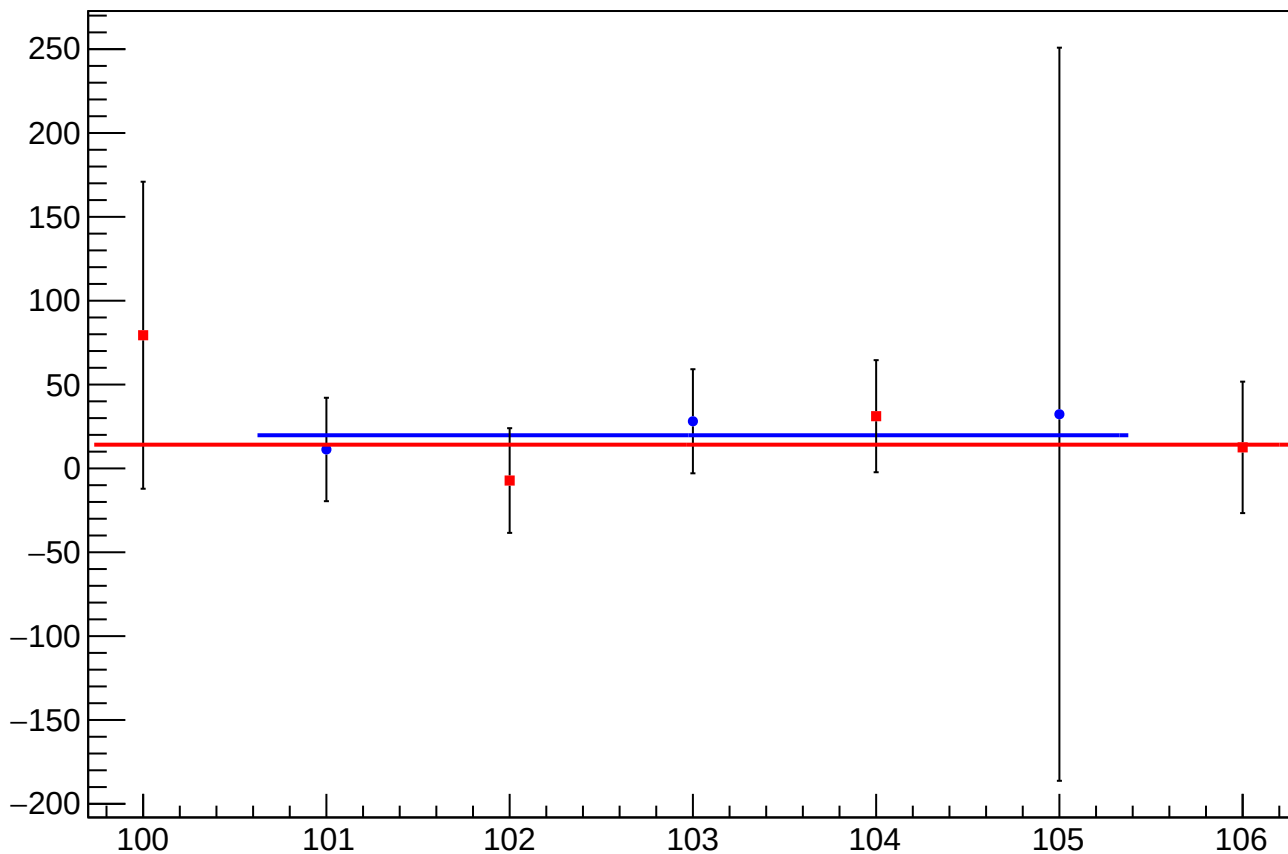
Right Out: 16.771+/-0.010 χ^2/NDF : 492.4/3

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

16.457+/-0.011 χ^2/NDF : 262.4/2

16.771+/-0.010 χ^2/NDF : 492.4/3

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs slug



Right In: 19.777 $\pm$ 21.764 χ^2 /NDF: 0.2/2

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

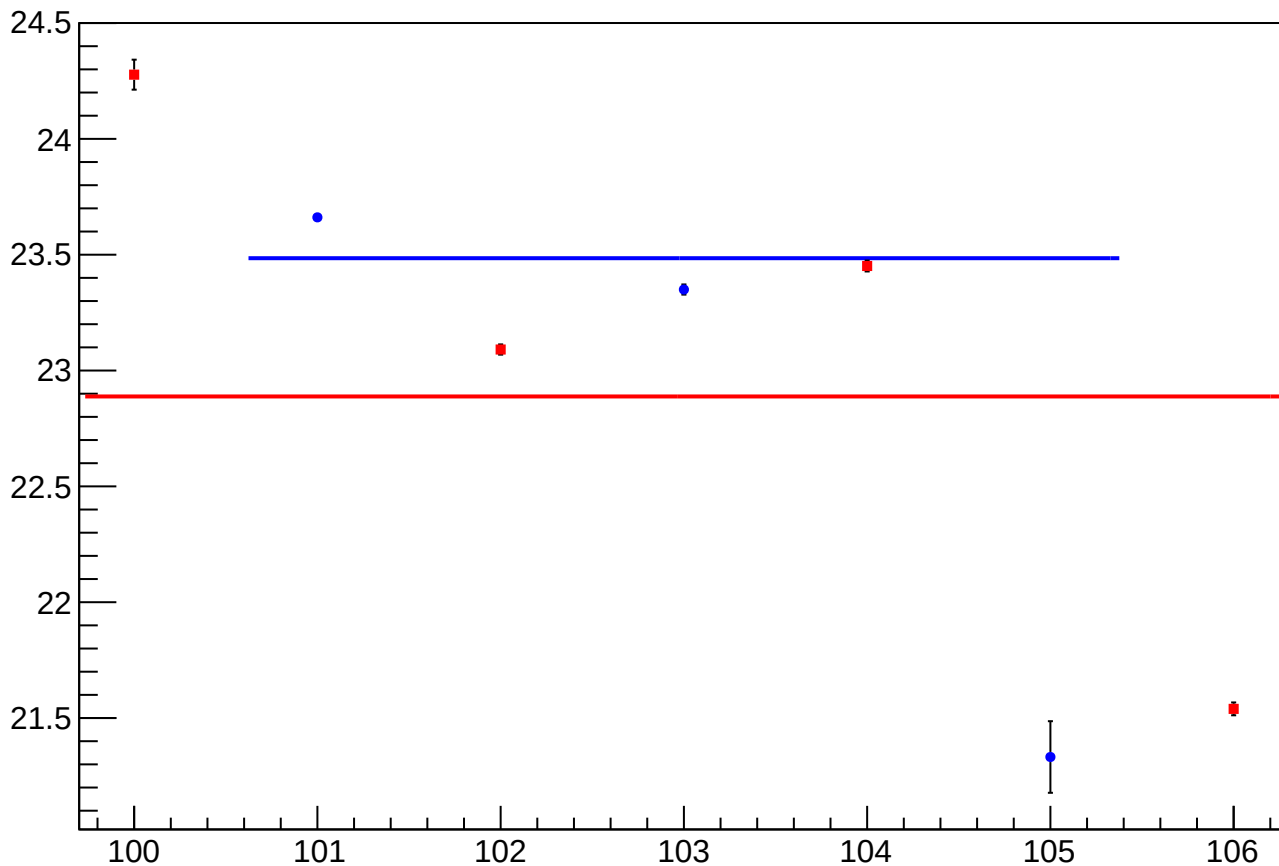
Right Out: 14.158 $\pm$ 19.273 χ^2 /NDF: 1.2/3

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

19.777 $\pm$ 21.764 χ^2 /NDF: 0.2/2

14.158 $\pm$ 19.273 χ^2 /NDF: 1.2/3

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs slug



Right In: 23.485 $\pm$ 0.015 χ^2 /NDF: 297.4/2

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

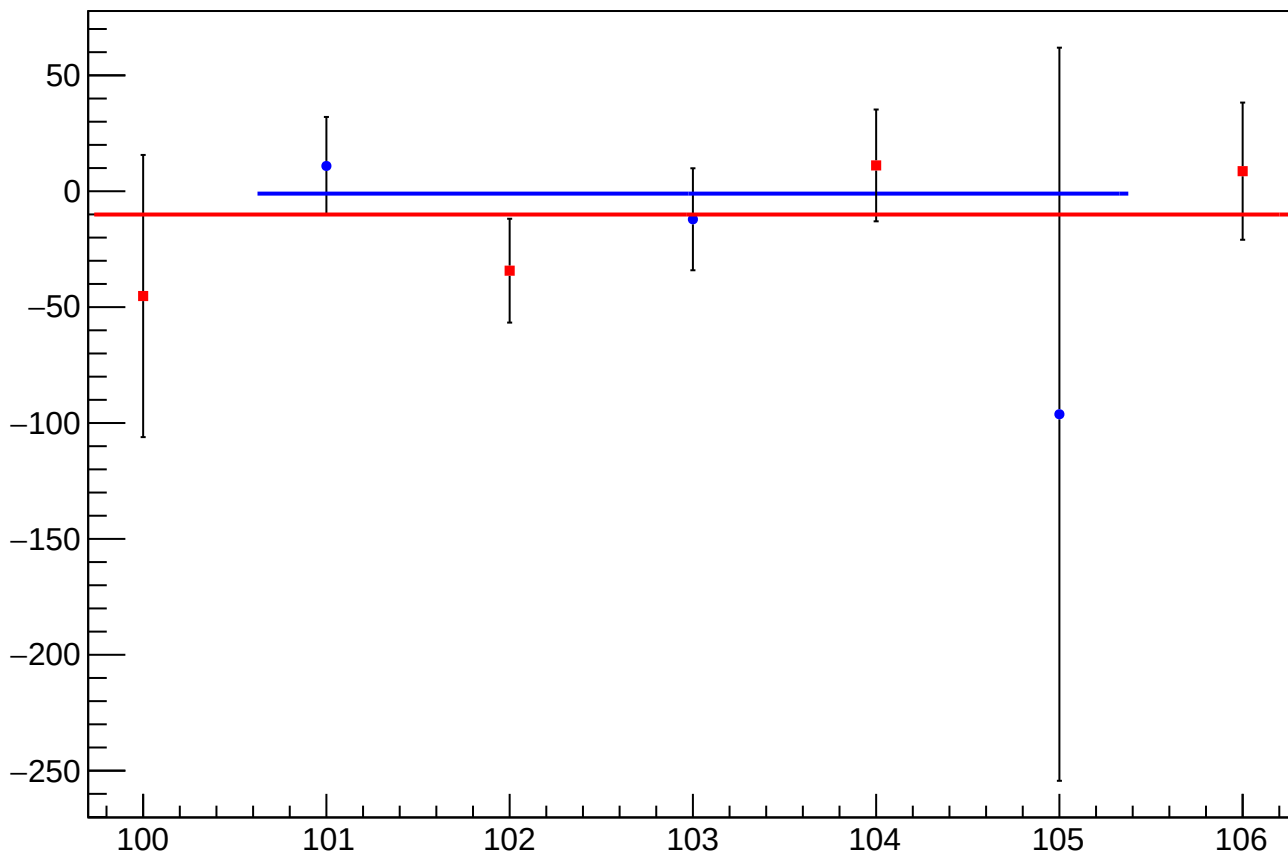
23.485 $\pm$ 0.015 χ^2 /NDF: 297.4/2

Right Out: 22.888 $\pm$ 0.014 χ^2 /NDF: 3480.9/3

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

22.888 $\pm$ 0.014 χ^2 /NDF: 3480.9/3

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs slug



Right In: -1.024+/-15.177 χ^2/NDF : 0.9/2

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

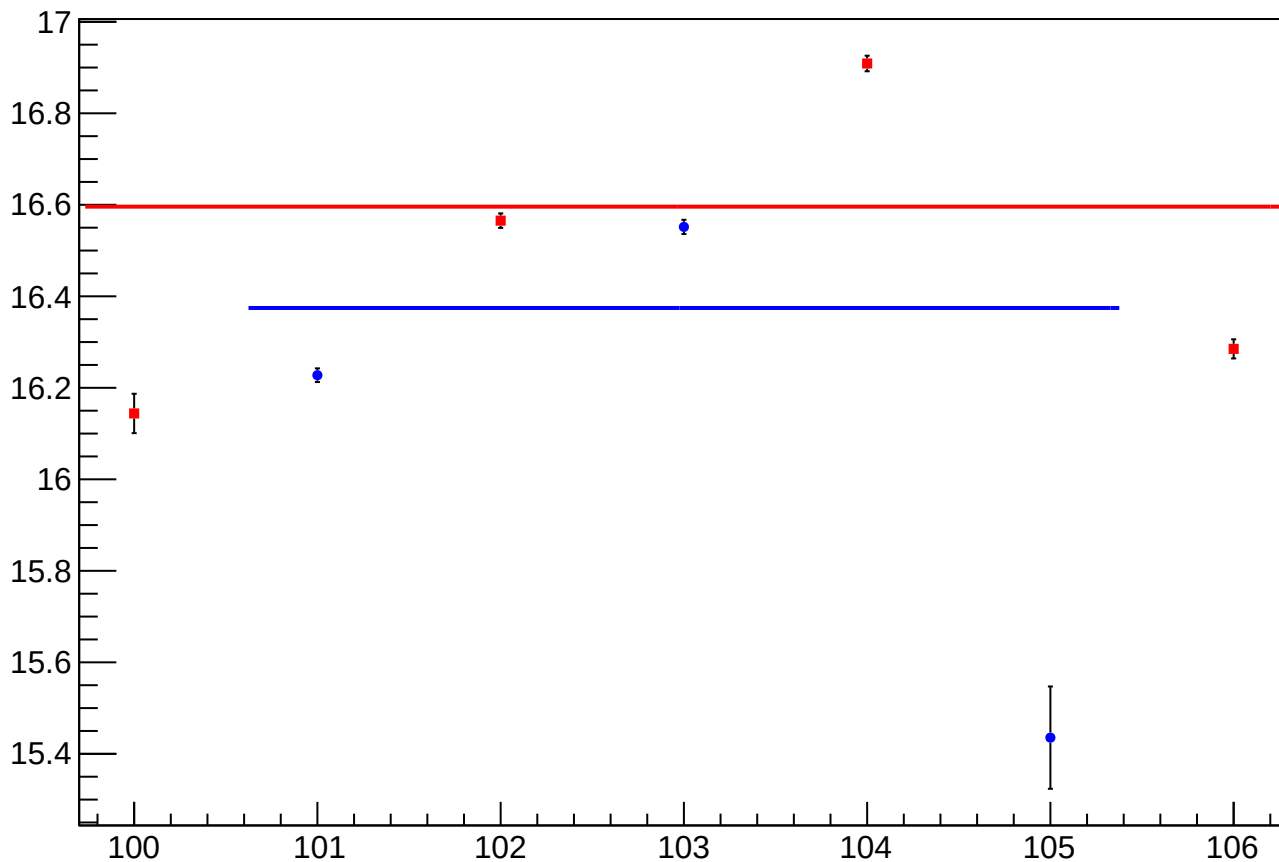
Right Out: -10.043+/-13.971 χ^2/NDF : 2.7/3

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

-1.024+/-15.177 χ^2/NDF : 0.9/2

-10.043+/-13.971 χ^2/NDF : 2.7/3

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.374+/-0.011 χ^2/NDF : 296.7/2

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

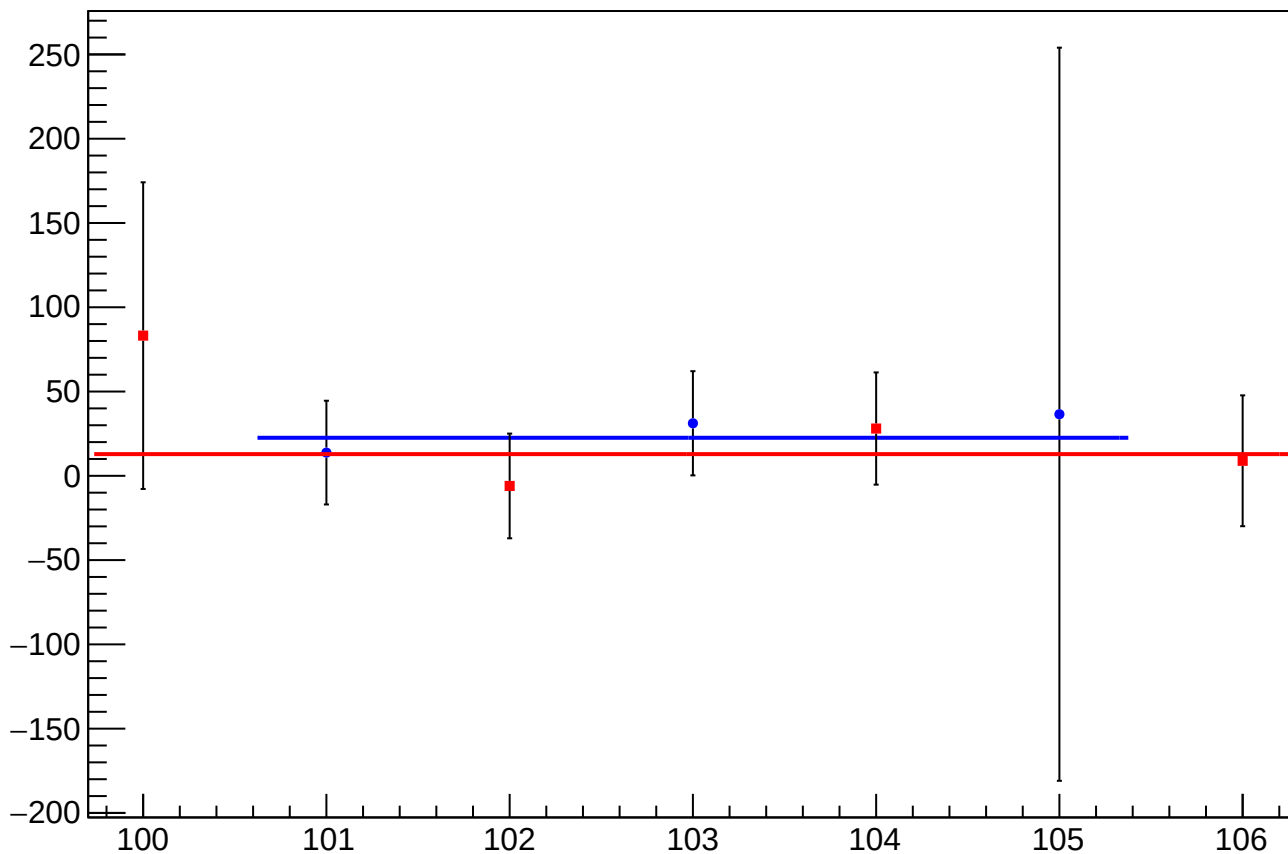
Right Out: 16.596+/-0.010 χ^2/NDF : 671.4/3

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

16.374+/-0.011 χ^2/NDF : 296.7/2

16.596+/-0.010 χ^2/NDF : 671.4/3

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs slug



Right In: 22.572+/-21.700 χ^2/NDF : 0.2/2

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

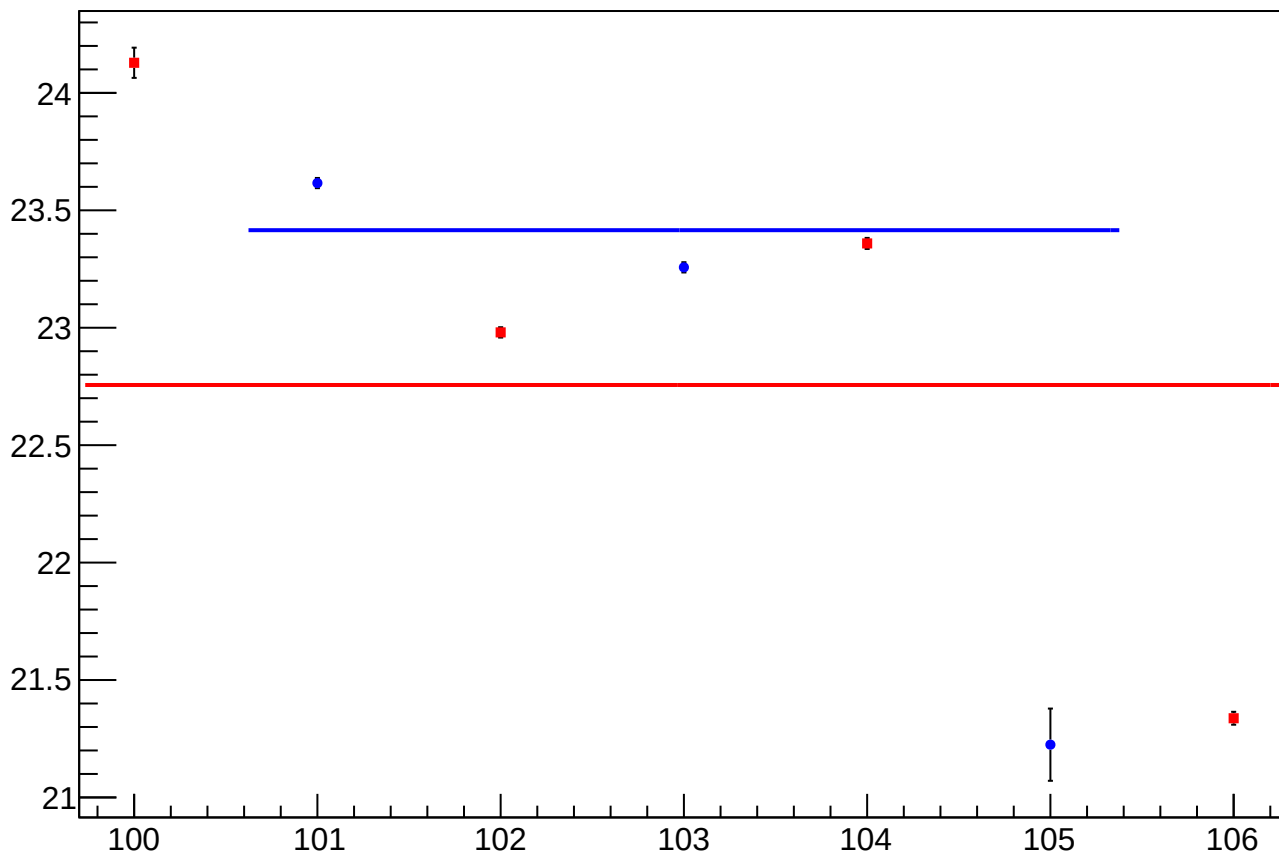
Right Out: 12.872+/-19.163 χ^2/NDF : 1.2/3

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

22.572+/-21.700 χ^2/NDF : 0.2/2

12.872+/-19.163 χ^2/NDF : 1.2/3

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs slug



Right In: 23.415+/-0.015 χ^2/NDF : 340.4/2

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

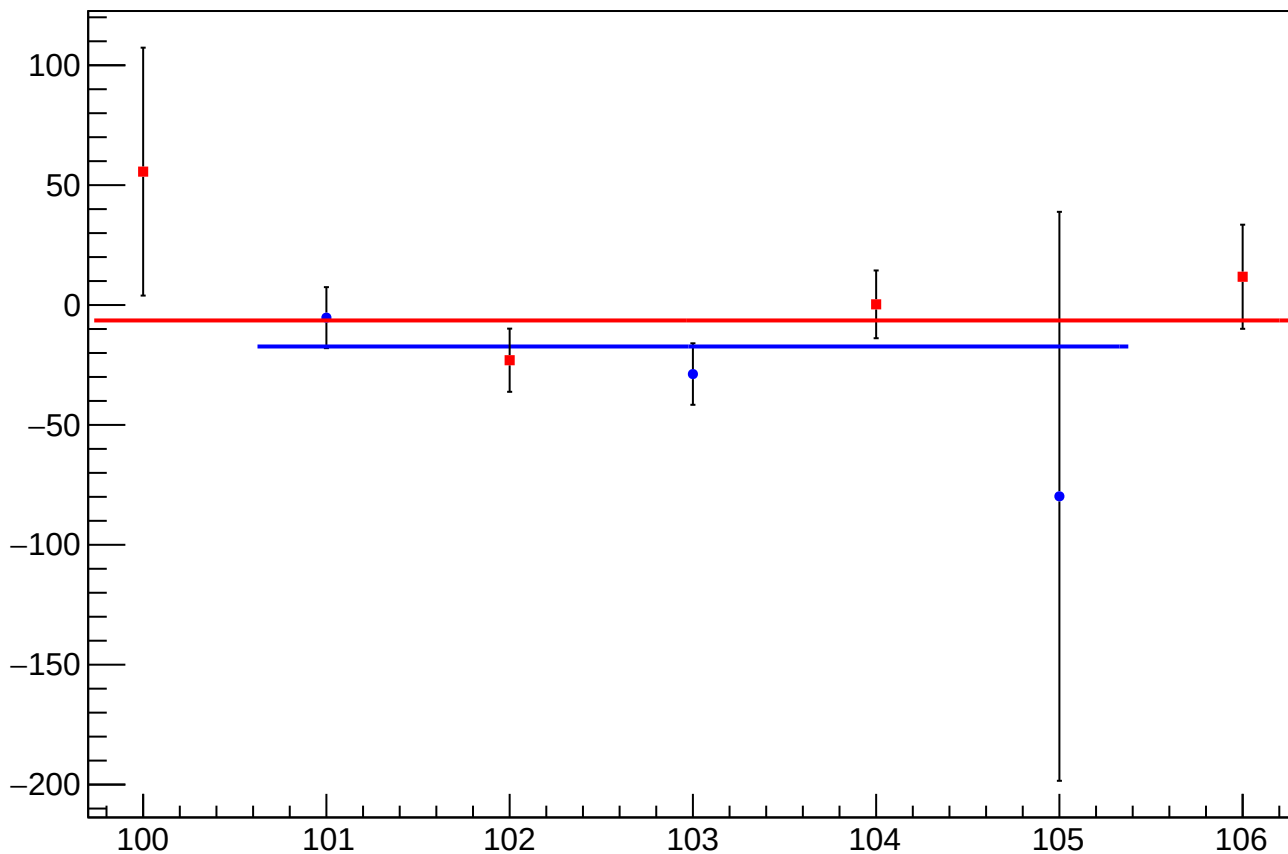
Right Out: 22.756+/-0.014 χ^2/NDF : 3887.9/3

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

23.415+/-0.015 χ^2/NDF : 340.4/2

22.756+/-0.014 χ^2/NDF : 3887.9/3

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -17.293 $\pm$ 9.006 χ^2 /NDF: 2.0/2

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

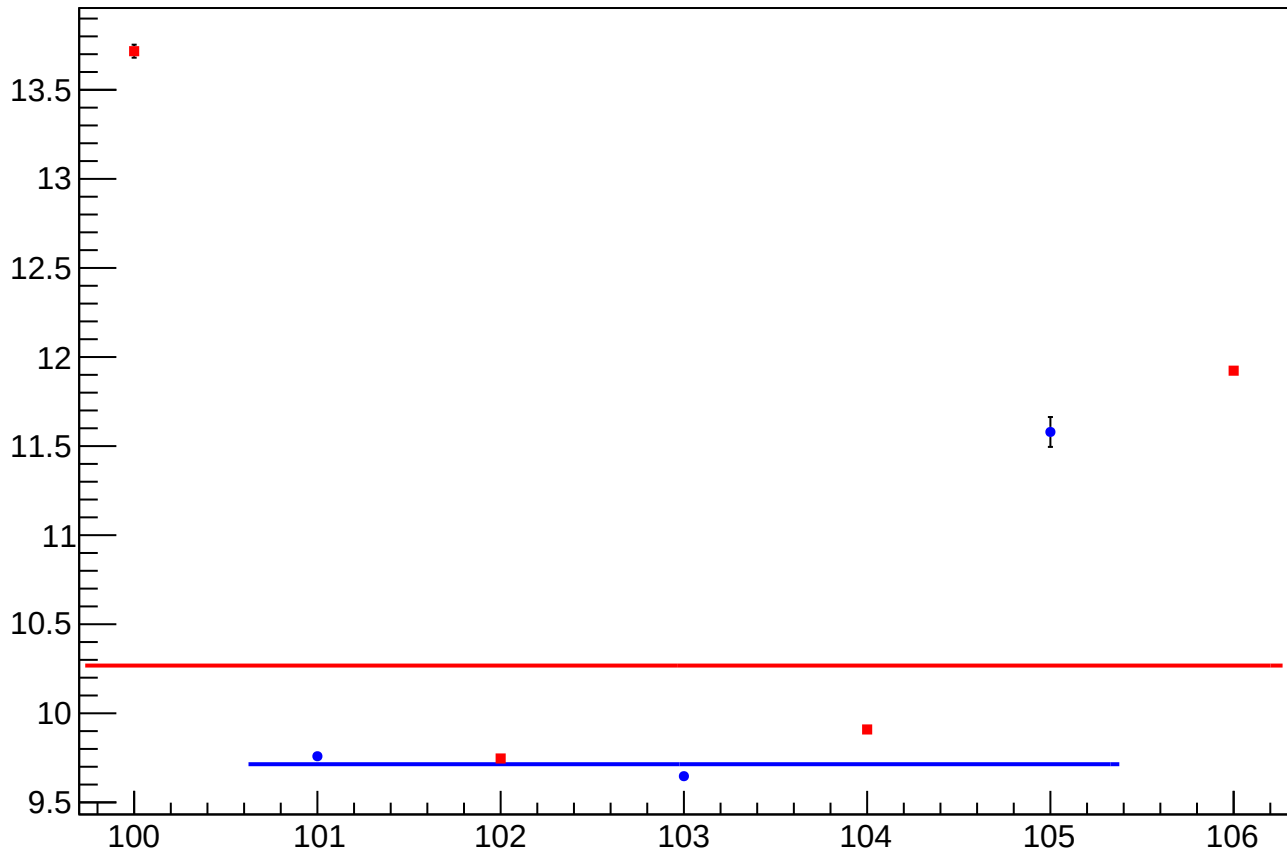
Right Out: -6.433 $\pm$ 8.683 χ^2 /NDF: 4.0/3

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

-17.293 $\pm$ 9.006 χ^2 /NDF: 2.0/2

-6.433 $\pm$ 8.683 χ^2 /NDF: 4.0/3

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 9.714 $\pm$ 0.006 χ^2 /NDF: 573.9/2

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

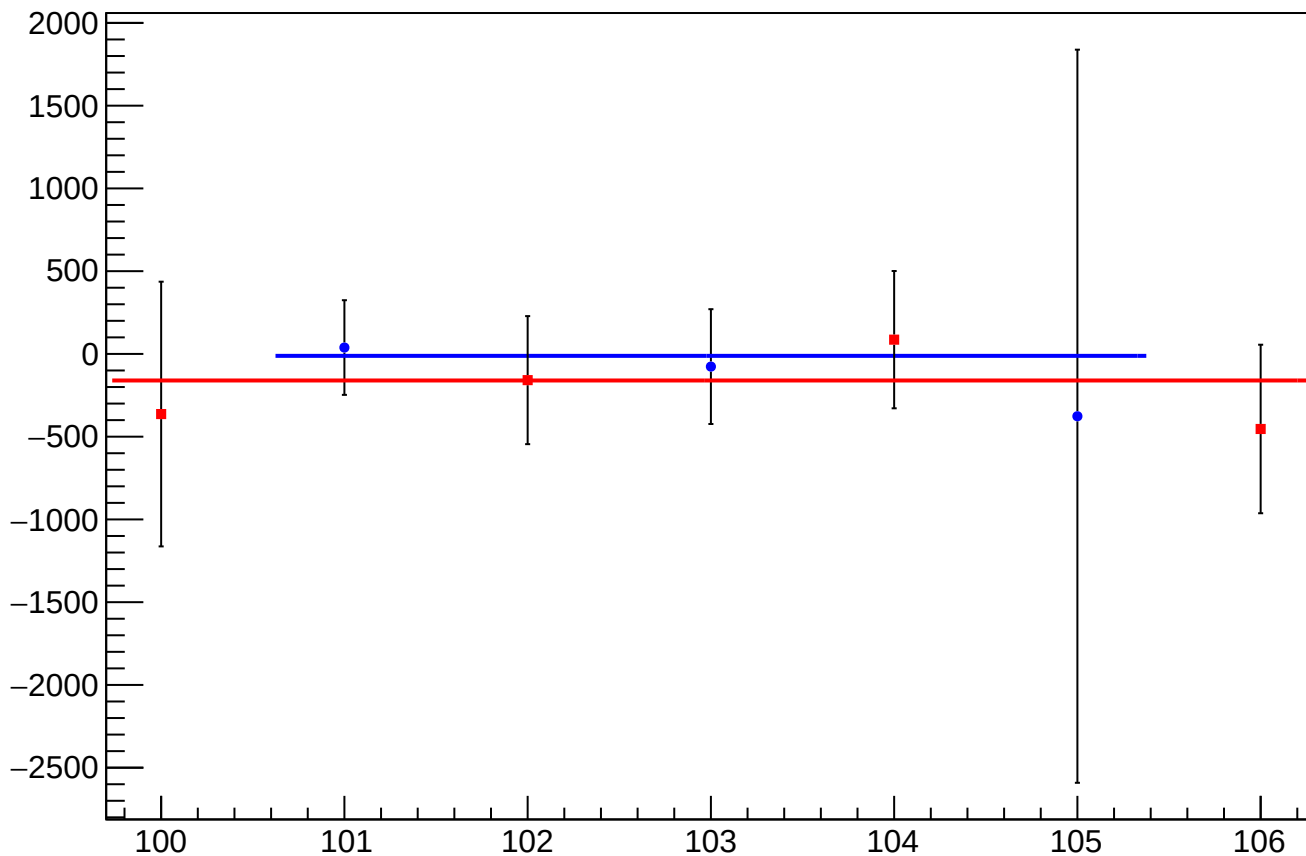
9.714 $\pm$ 0.006 χ^2 /NDF: 573.9/2

Right Out: 10.268 $\pm$ 0.006 χ^2 /NDF: 24948.8/3

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

10.268 $\pm$ 0.006 χ^2 /NDF: 24948.8/3

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs slug



Right In: -11.634 $\pm$ 219.564 χ^2 /NDF: 0.1/2

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

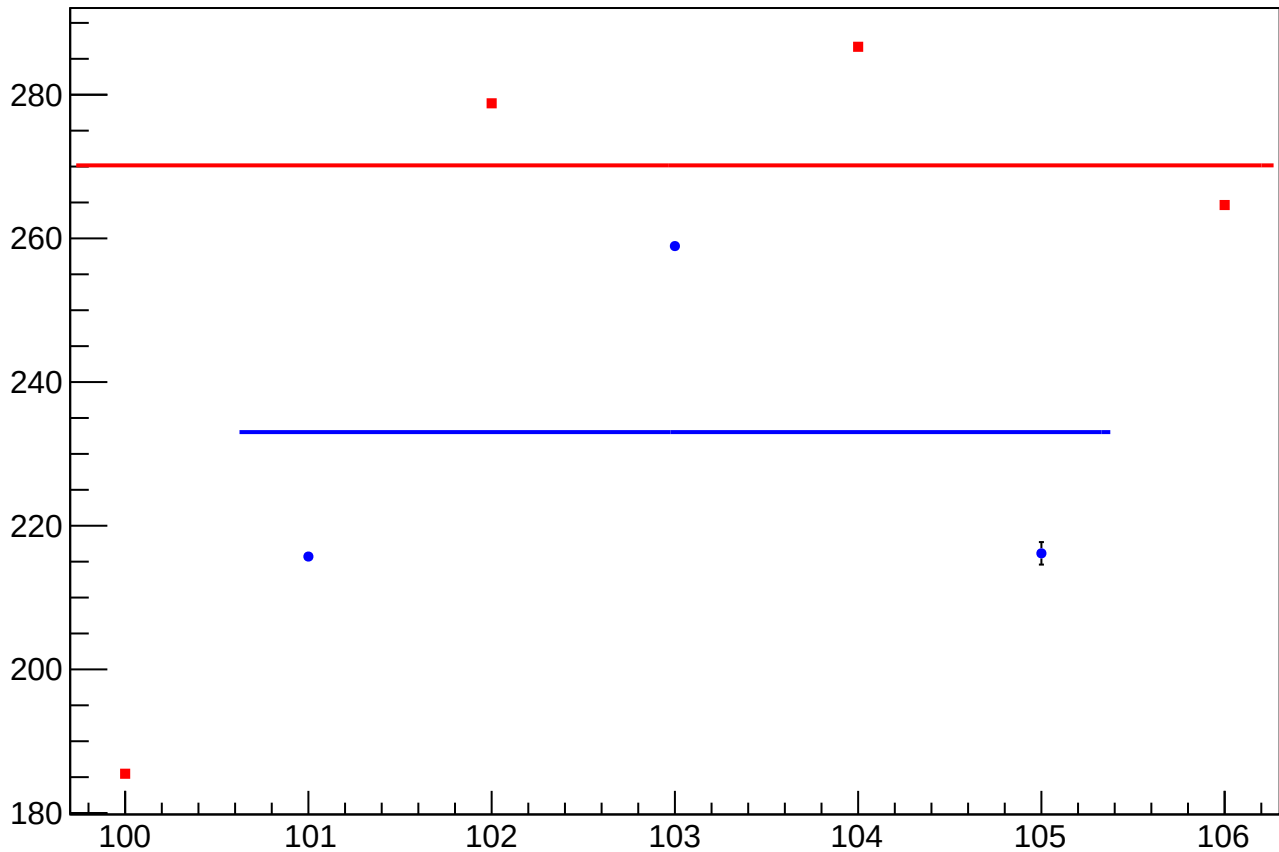
Right Out: -160.449 $\pm$ 236.244 χ^2 /NDF: 0.7/3

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

-11.634 $\pm$ 219.564 χ^2 /NDF: 0.1/2

-160.449 $\pm$ 236.244 χ^2 /NDF: 0.7/3

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 233.034 $\pm$ 0.155 χ^2 /NDF: 18605.3/2

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

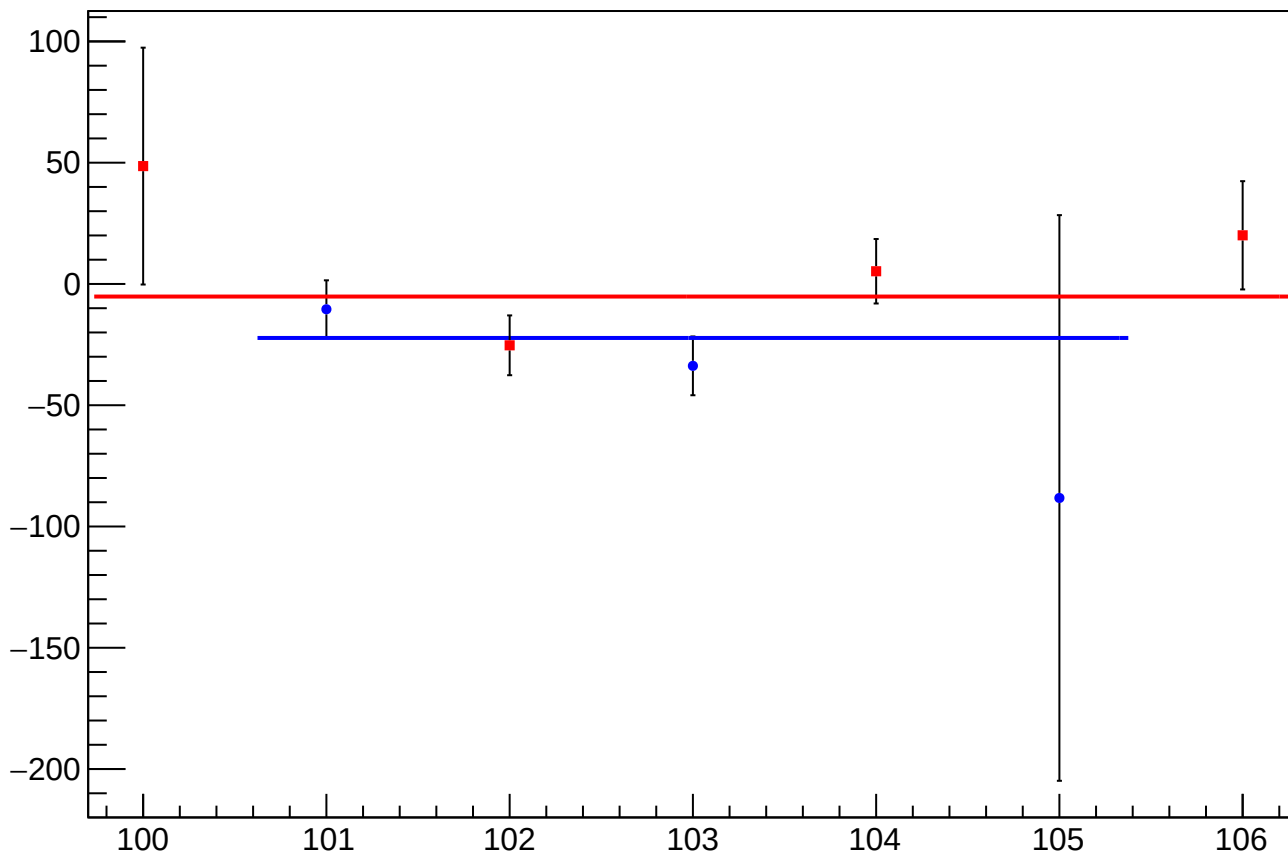
Right Out: 270.166 $\pm$ 0.167 χ^2 /NDF: 26832.1/3

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

233.034 $\pm$ 0.155 χ^2 /NDF: 18605.3/2

270.166 $\pm$ 0.167 χ^2 /NDF: 26832.1/3

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -22.263+/-8.478 χ^2/NDF : 2.2/2

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

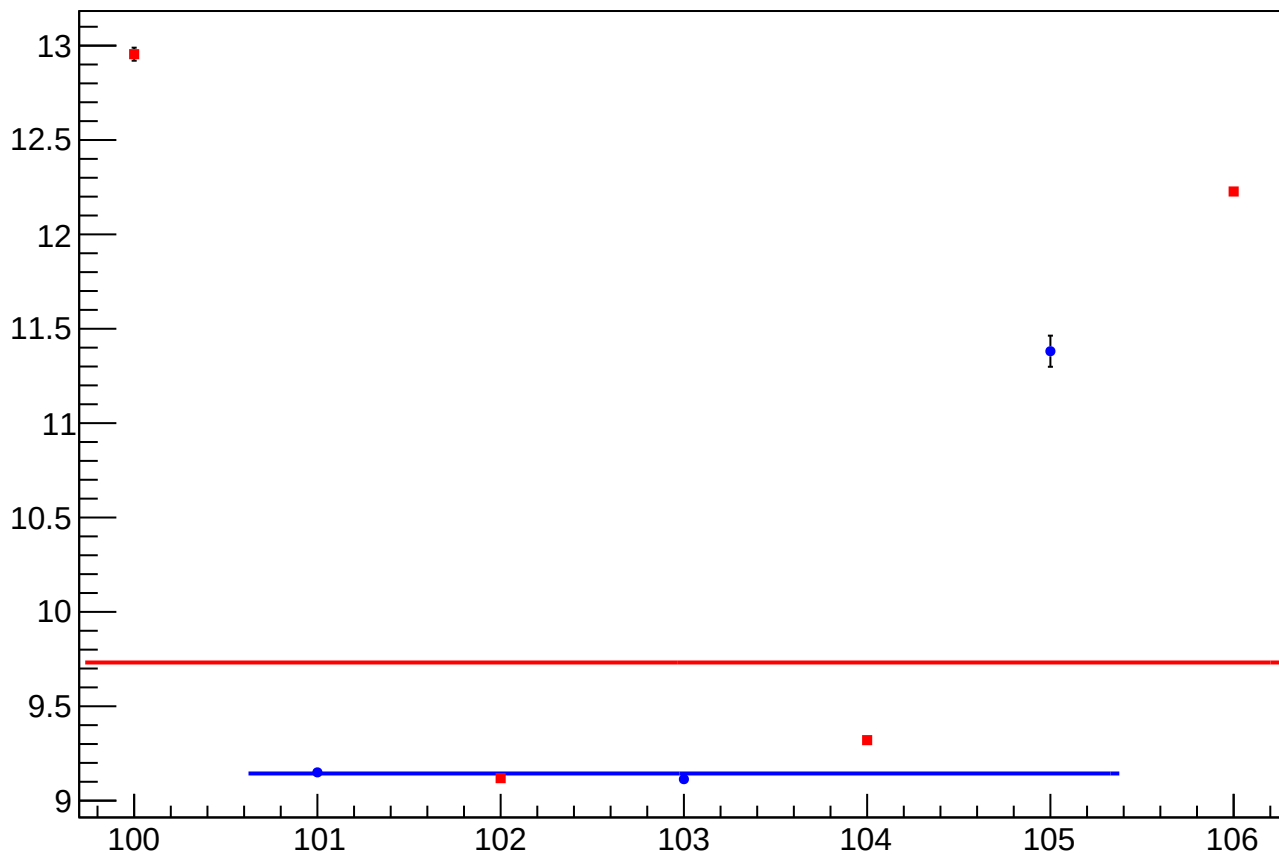
Right Out: -5.190+/-8.257 χ^2/NDF : 5.8/3

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

-22.263+/-8.478 χ^2/NDF : 2.2/2

-5.190+/-8.257 χ^2/NDF : 5.8/3

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 9.144 $\pm$ 0.006 χ^2 /NDF: 748.9/2

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

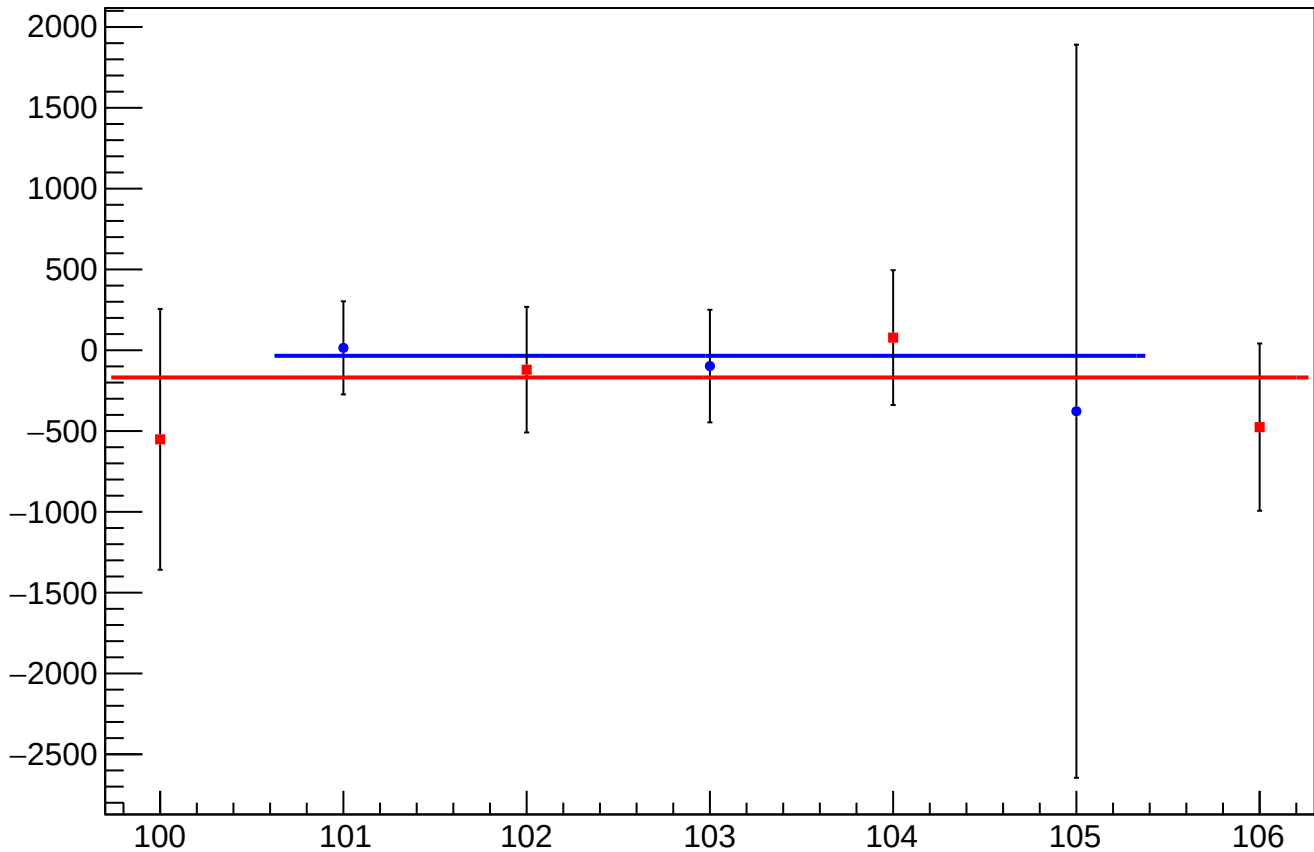
Right Out: 9.732 $\pm$ 0.006 χ^2 /NDF: 40568.0/3

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

9.144 $\pm$ 0.006 χ^2 /NDF: 748.9/2

9.732 $\pm$ 0.006 χ^2 /NDF: 40568.0/3

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs slug



Right In: -34.409 $\pm$ 221.014 χ^2 /NDF: 0.1/2

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

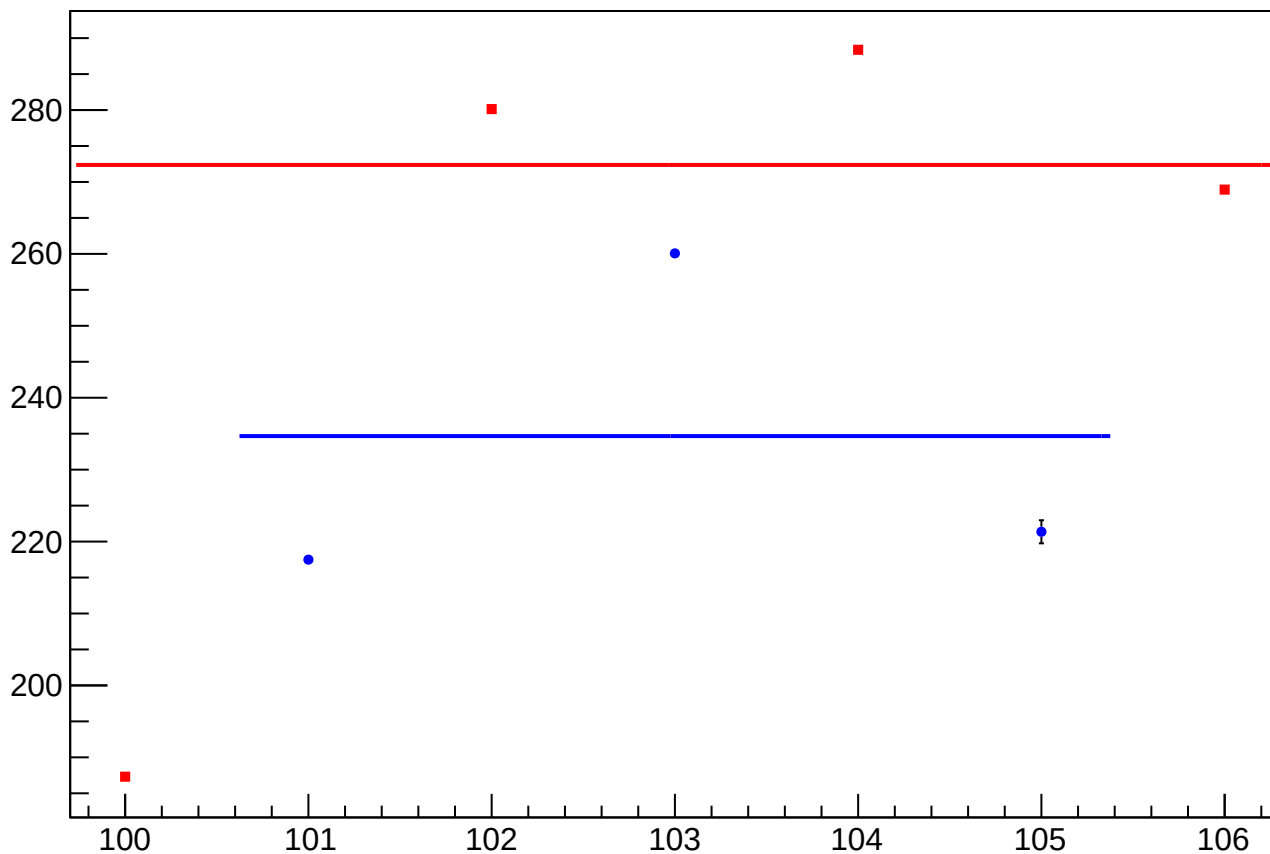
Right Out: -168.355 $\pm$ 238.097 χ^2 /NDF: 0.9/3

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

-34.409 $\pm$ 221.014 χ^2 /NDF: 0.1/2

-168.355 $\pm$ 238.097 χ^2 /NDF: 0.9/3

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 234.666 $\pm$ 0.156 χ^2 /NDF: 17813.3/2

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

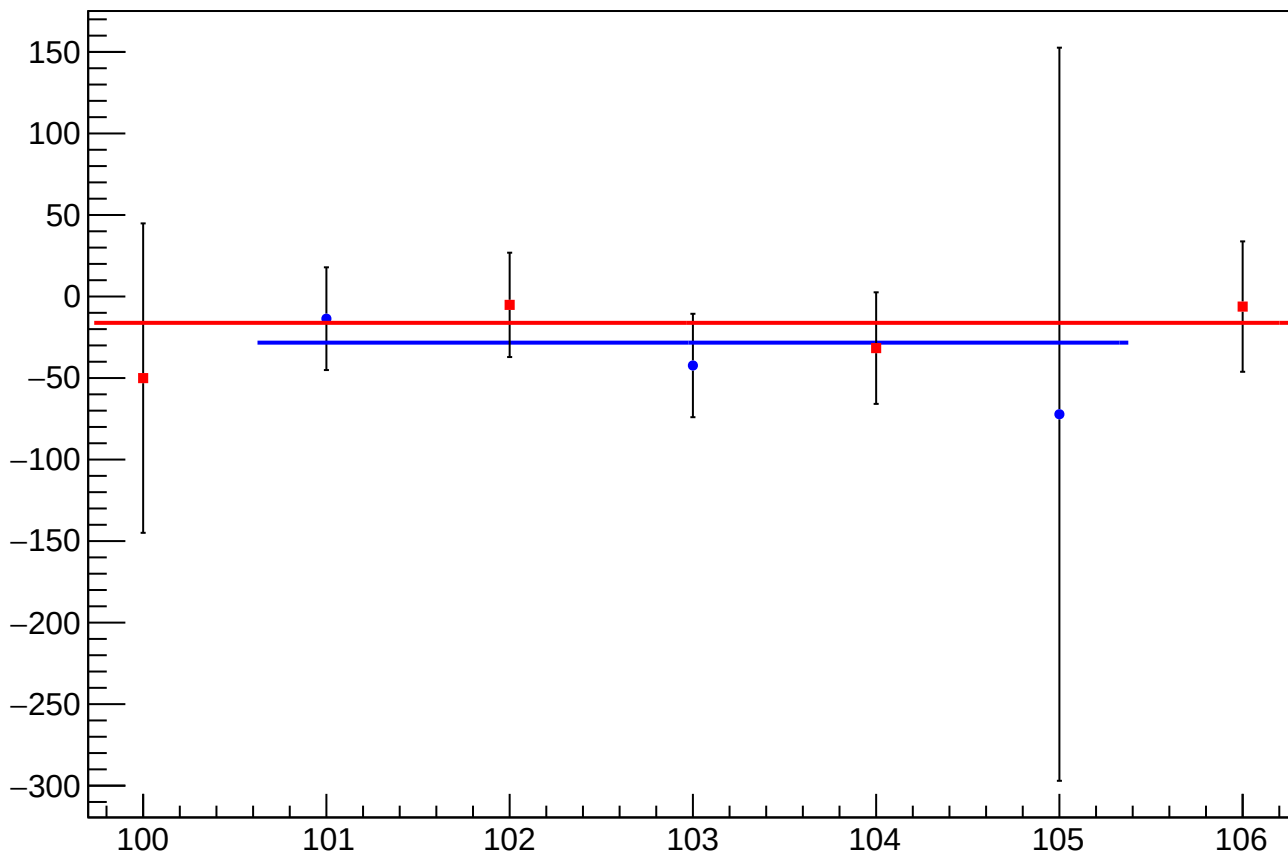
234.666 $\pm$ 0.156 χ^2 /NDF: 17813.3/2

Right Out: 272.367 $\pm$ 0.168 χ^2 /NDF: 26053.1/3

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

272.367 $\pm$ 0.168 χ^2 /NDF: 26053.1/3

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -28.293 $\pm$ 22.239 χ^2 /NDF: 0.5/2

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

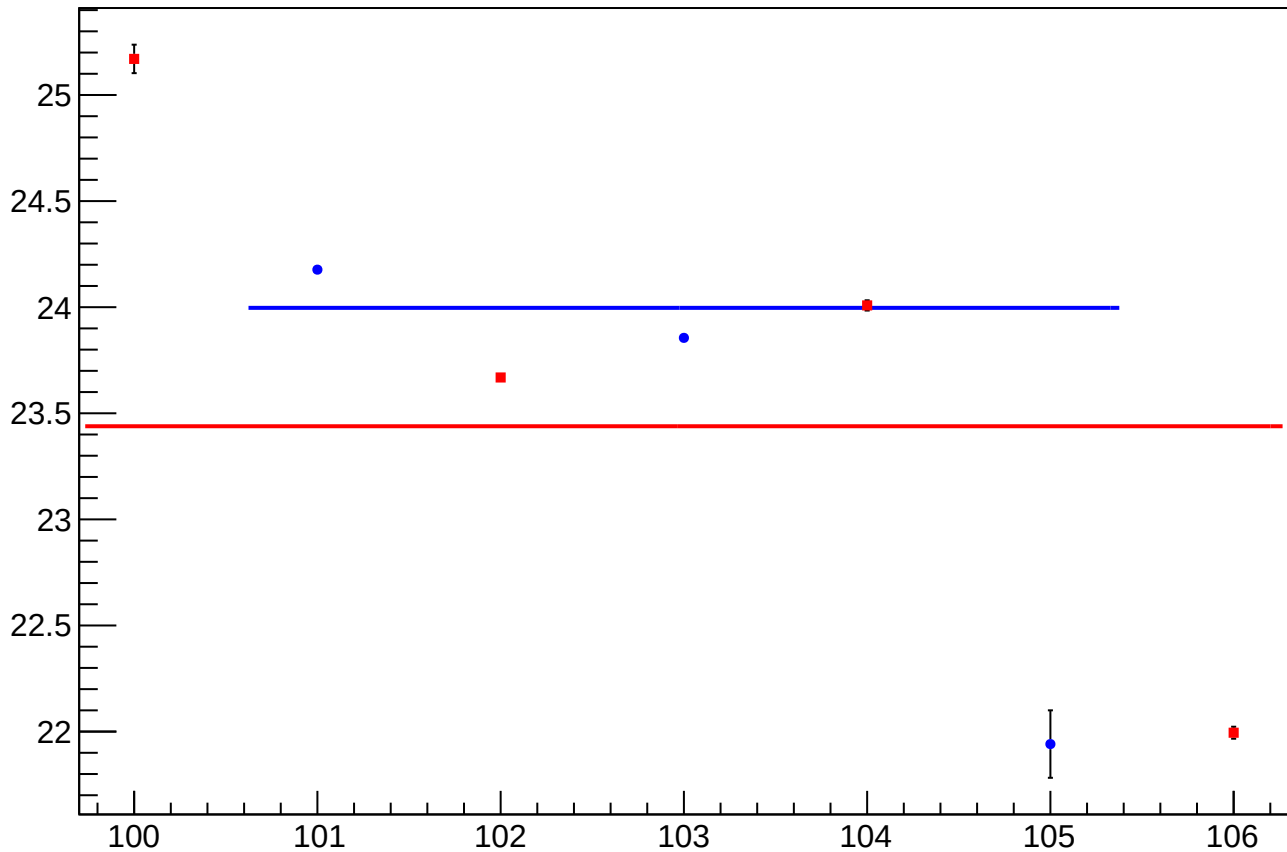
Right Out: -16.146 $\pm$ 19.736 χ^2 /NDF: 0.5/3

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

-28.293 $\pm$ 22.239 χ^2 /NDF: 0.5/2

-16.146 $\pm$ 19.736 χ^2 /NDF: 0.5/3

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.997+/-0.016 χ^2/NDF : 272.3/2

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

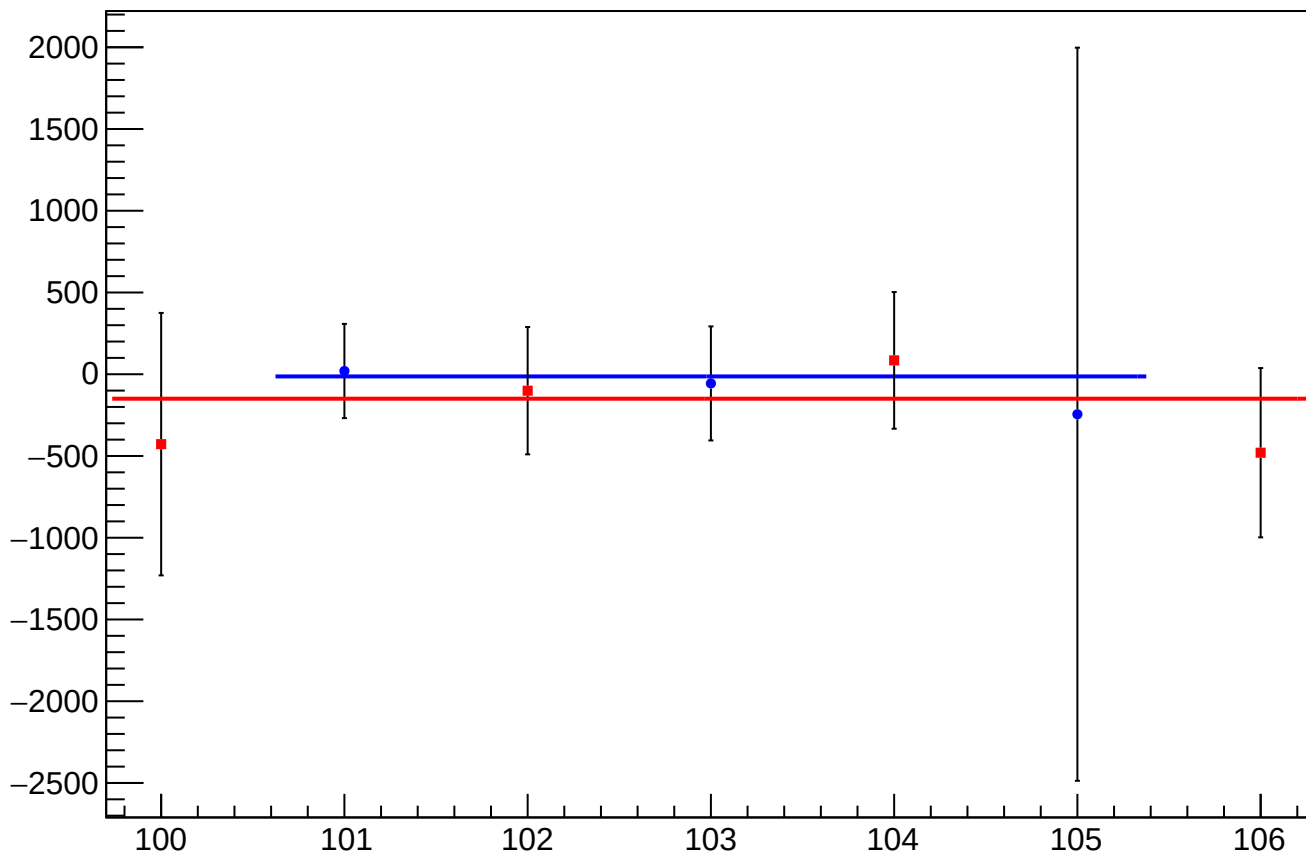
23.997+/-0.016 χ^2/NDF : 272.3/2

Right Out: 23.439+/-0.014 χ^2/NDF : 3931.8/3

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

23.439+/-0.014 χ^2/NDF : 3931.8/3

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs slug



Right In: -13.278+/-221.062 χ^2/NDF : 0.0/2

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

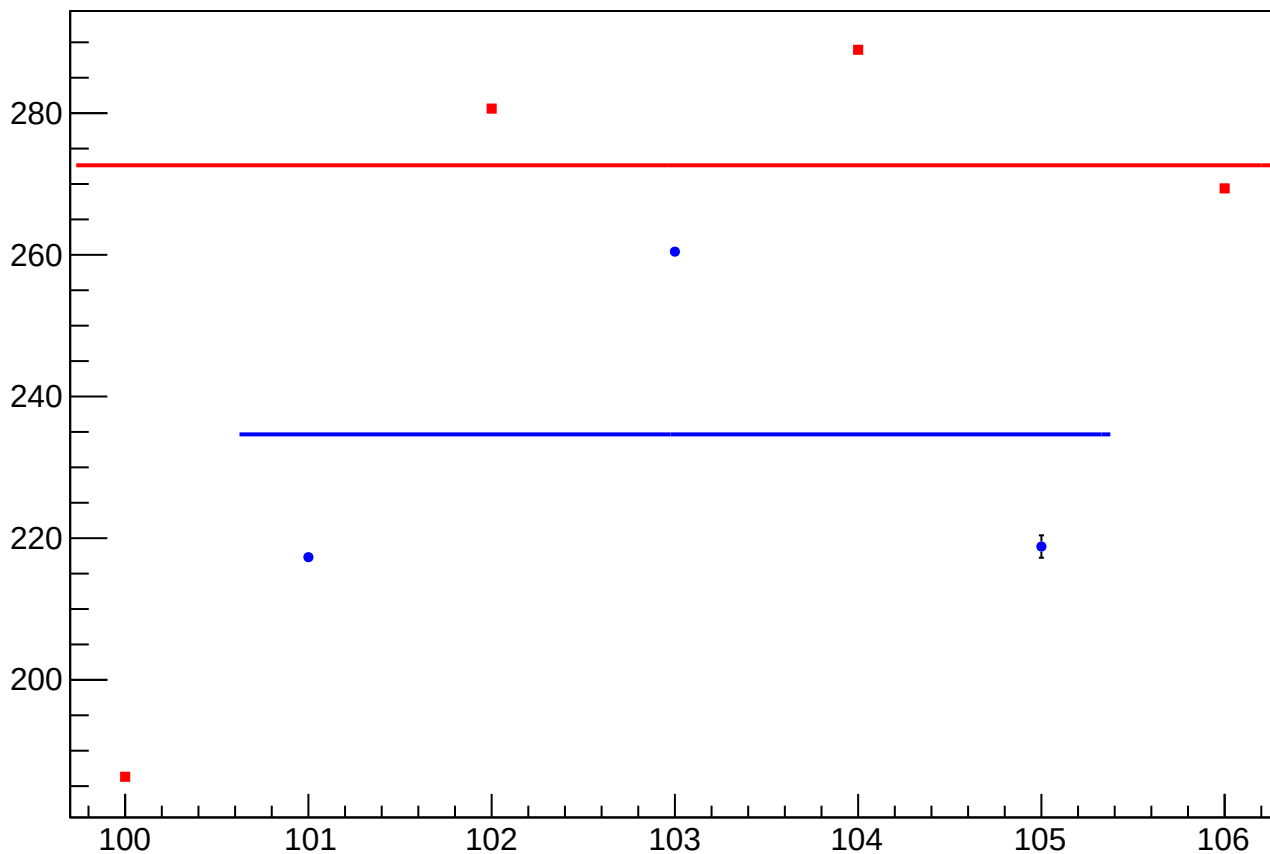
Right Out: -149.590+/-238.352 χ^2/NDF : 0.9/3

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

-13.278+/-221.062 χ^2/NDF : 0.0/2

-149.590+/-238.352 χ^2/NDF : 0.9/3

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs slug



Right In: 234.654 $\pm$ 0.156 χ^2 /NDF: 18274.9/2

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

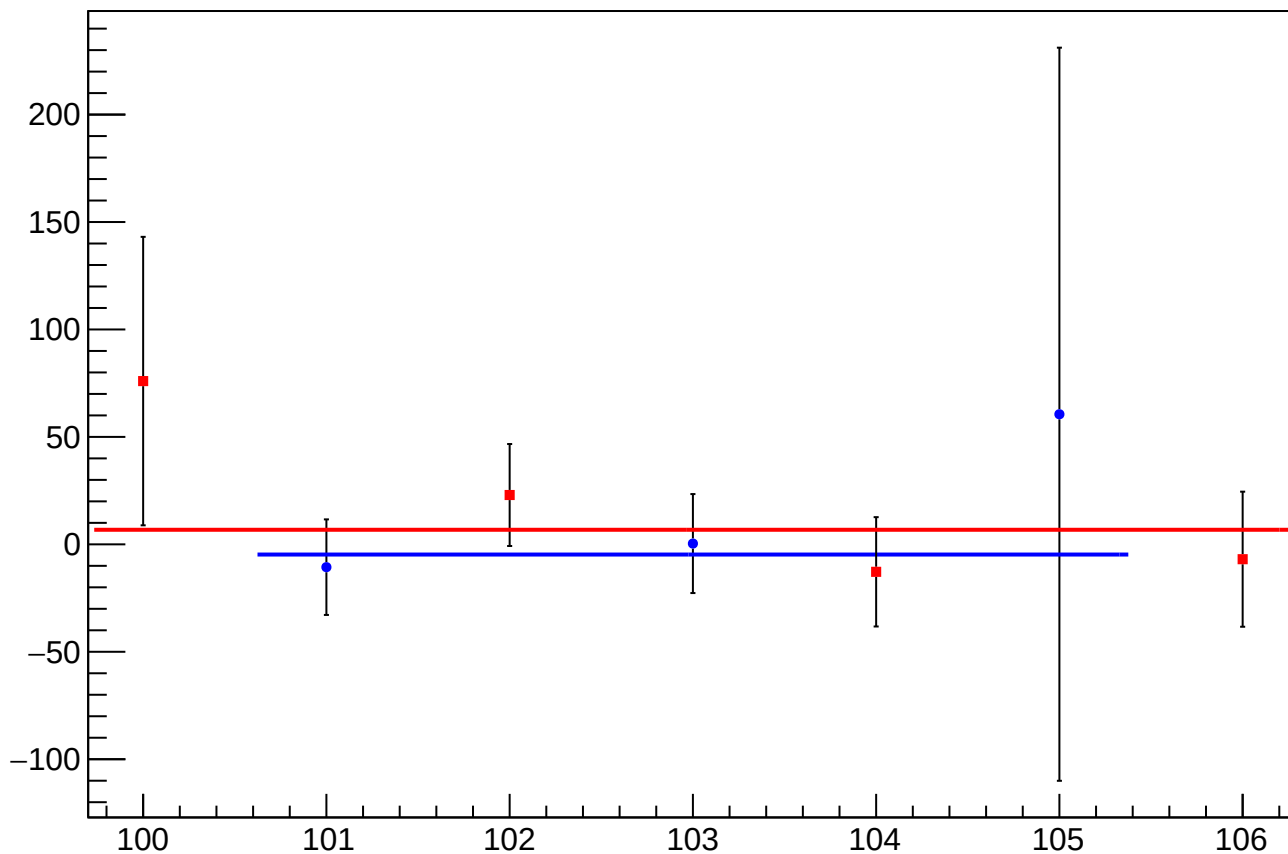
234.654 $\pm$ 0.156 χ^2 /NDF: 18274.9/2

Right Out: 272.639 $\pm$ 0.169 χ^2 /NDF: 27096.2/3

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

272.639 $\pm$ 0.169 χ^2 /NDF: 27096.2/3

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs slug



Right In: -4.745+/-15.928 χ^2/NDF : 0.3/2

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

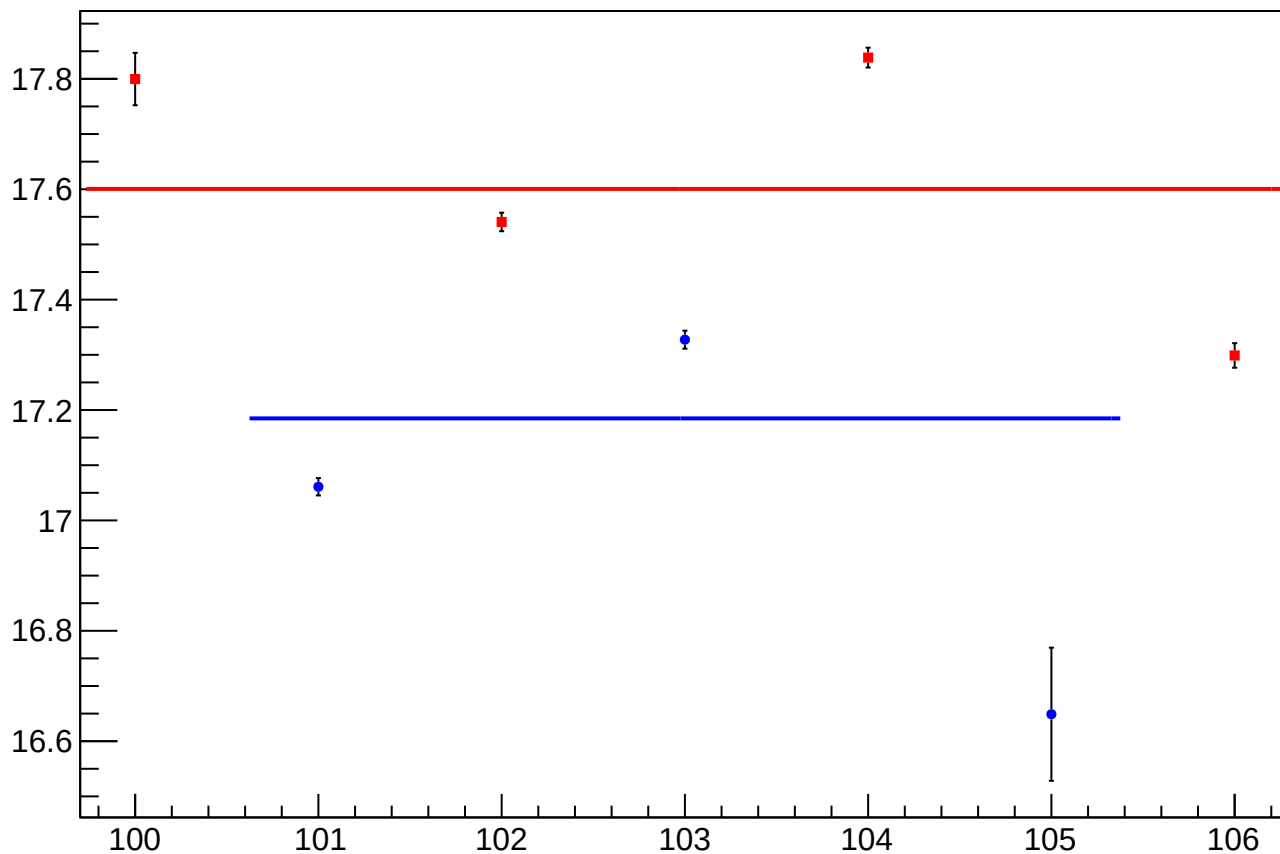
Right Out: 6.781+/-14.817 χ^2/NDF : 2.3/3

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

-4.745+/-15.928 χ^2/NDF : 0.3/2

6.781+/-14.817 χ^2/NDF : 2.3/3

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.185+/-0.011 χ^2/NDF : 158.5/2

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

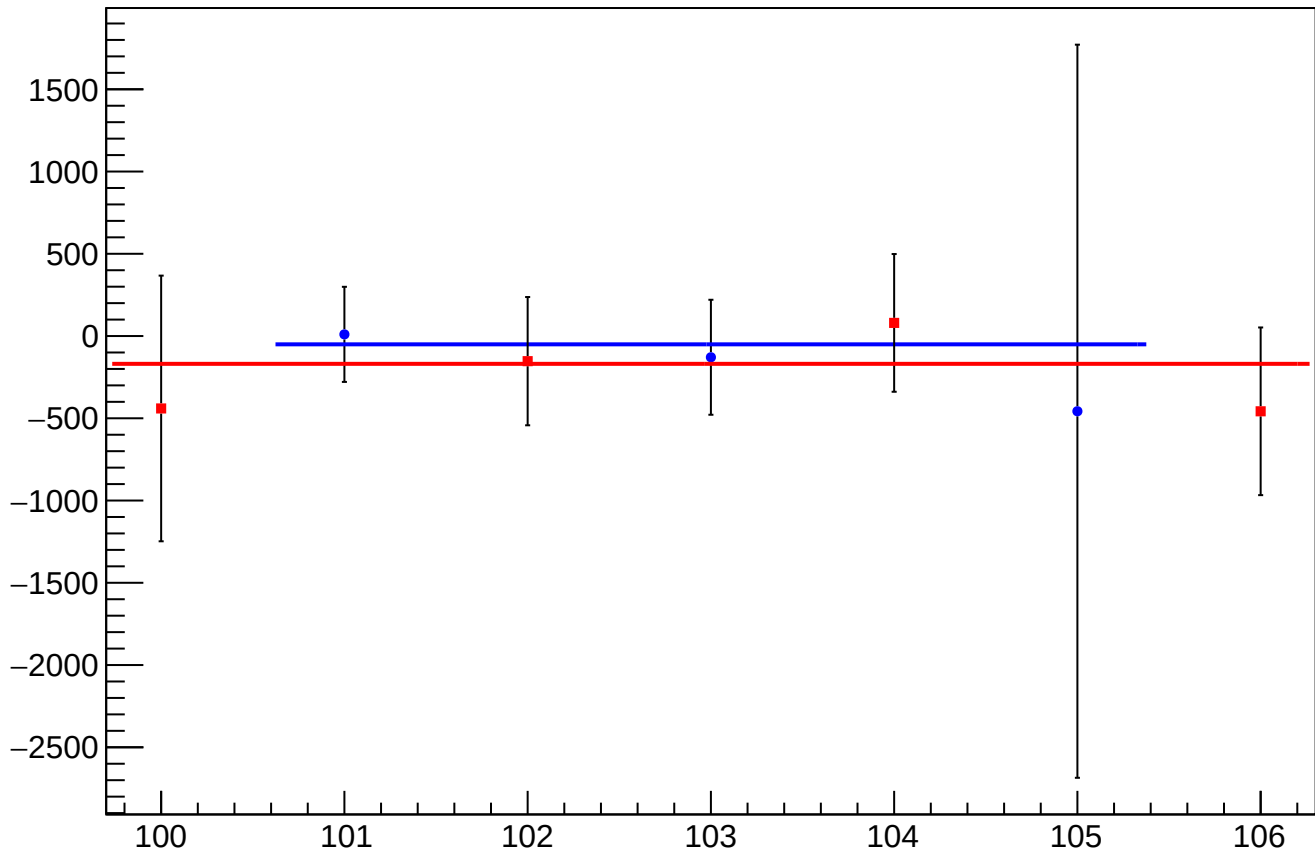
Right Out: 17.601+/-0.010 χ^2/NDF : 389.5/3

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

17.185+/-0.011 χ^2/NDF : 158.5/2

17.601+/-0.010 χ^2/NDF : 389.5/3

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: -50.458 $\pm$ 221.652 χ^2 /NDF: 0.1/2

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

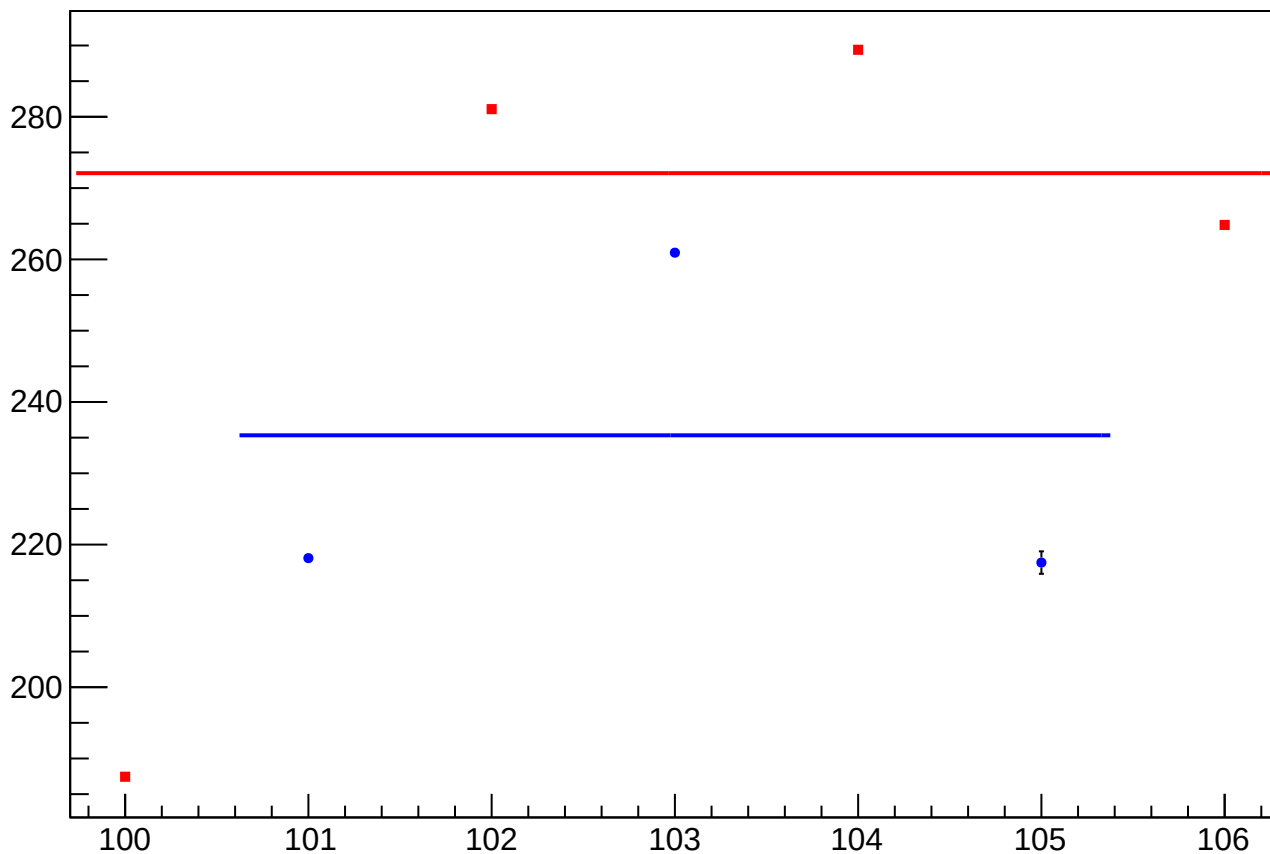
Right Out: -169.015 $\pm$ 237.905 χ^2 /NDF: 0.8/3

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

-50.458 $\pm$ 221.652 χ^2 /NDF: 0.1/2

-169.015 $\pm$ 237.905 χ^2 /NDF: 0.8/3

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 235.327+/-0.157 χ^2/NDF : 17971.8/2

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

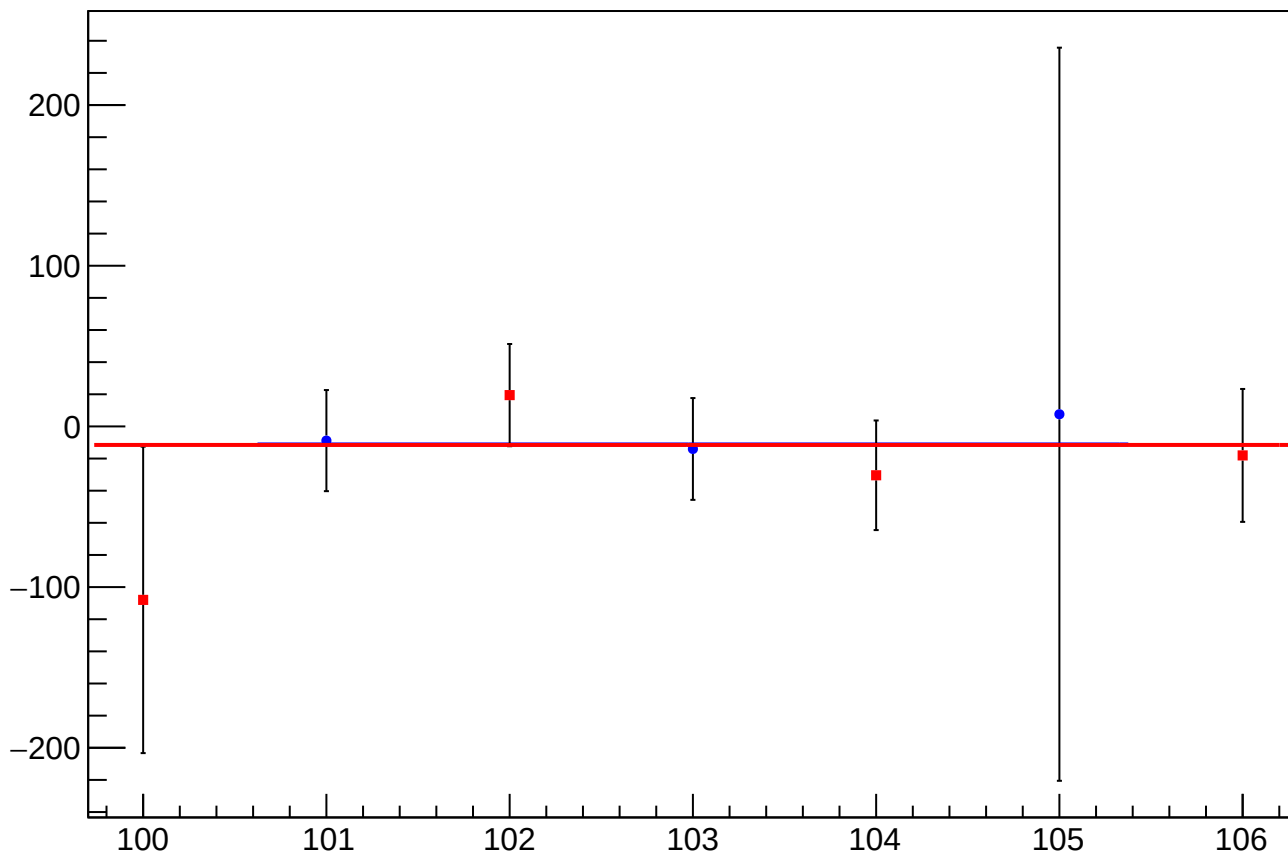
235.327+/-0.157 χ^2/NDF : 17971.8/2

Right Out: 272.095+/-0.168 χ^2/NDF : 26864.0/3

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

272.095+/-0.168 χ^2/NDF : 26864.0/3

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -11.232 $\pm$ 22.217 χ^2 /NDF: 0.0/2

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

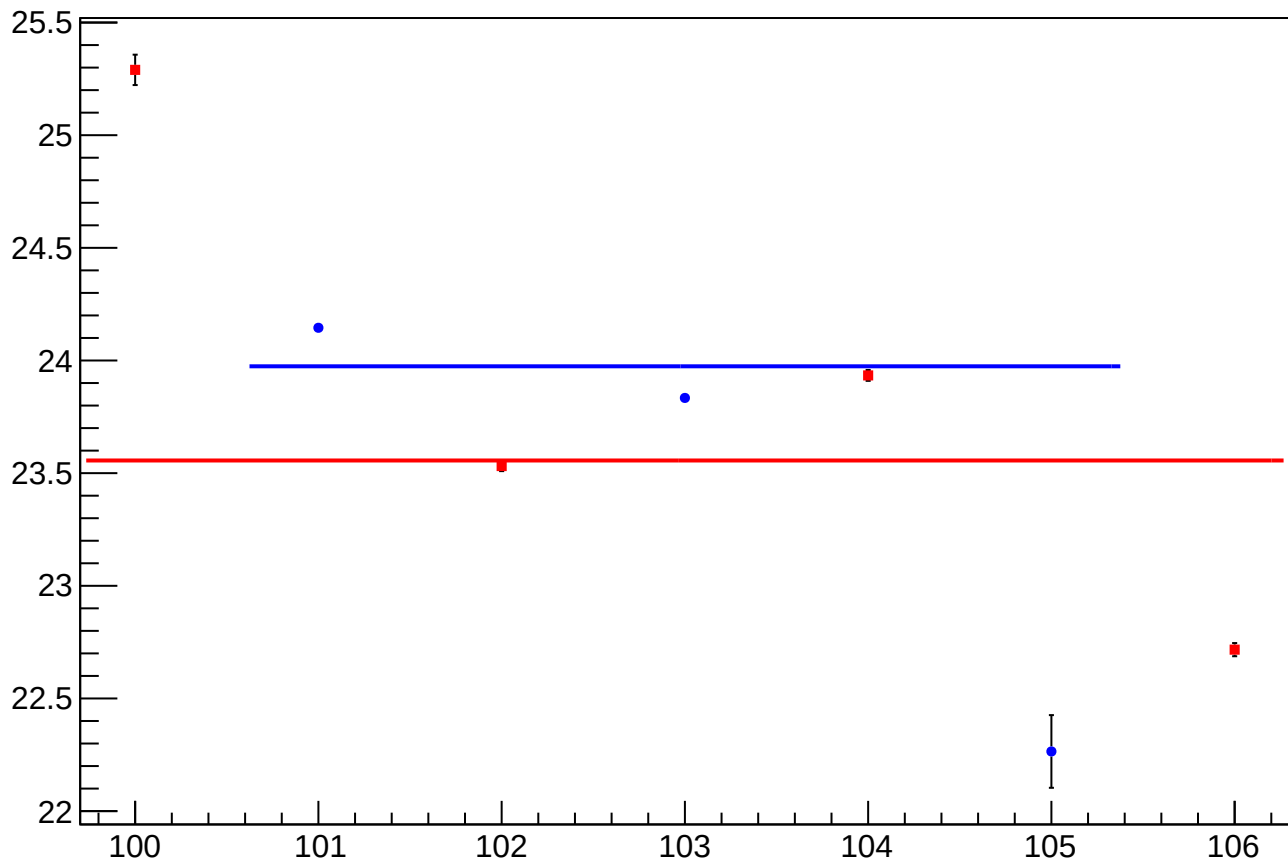
Right Out: -11.527 $\pm$ 19.832 χ^2 /NDF: 2.3/3

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

-11.232 $\pm$ 22.217 χ^2 /NDF: 0.0/2

-11.527 $\pm$ 19.832 χ^2 /NDF: 2.3/3

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs slug



Right In: 23.974+/-0.016 χ^2/NDF : 210.6/2

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

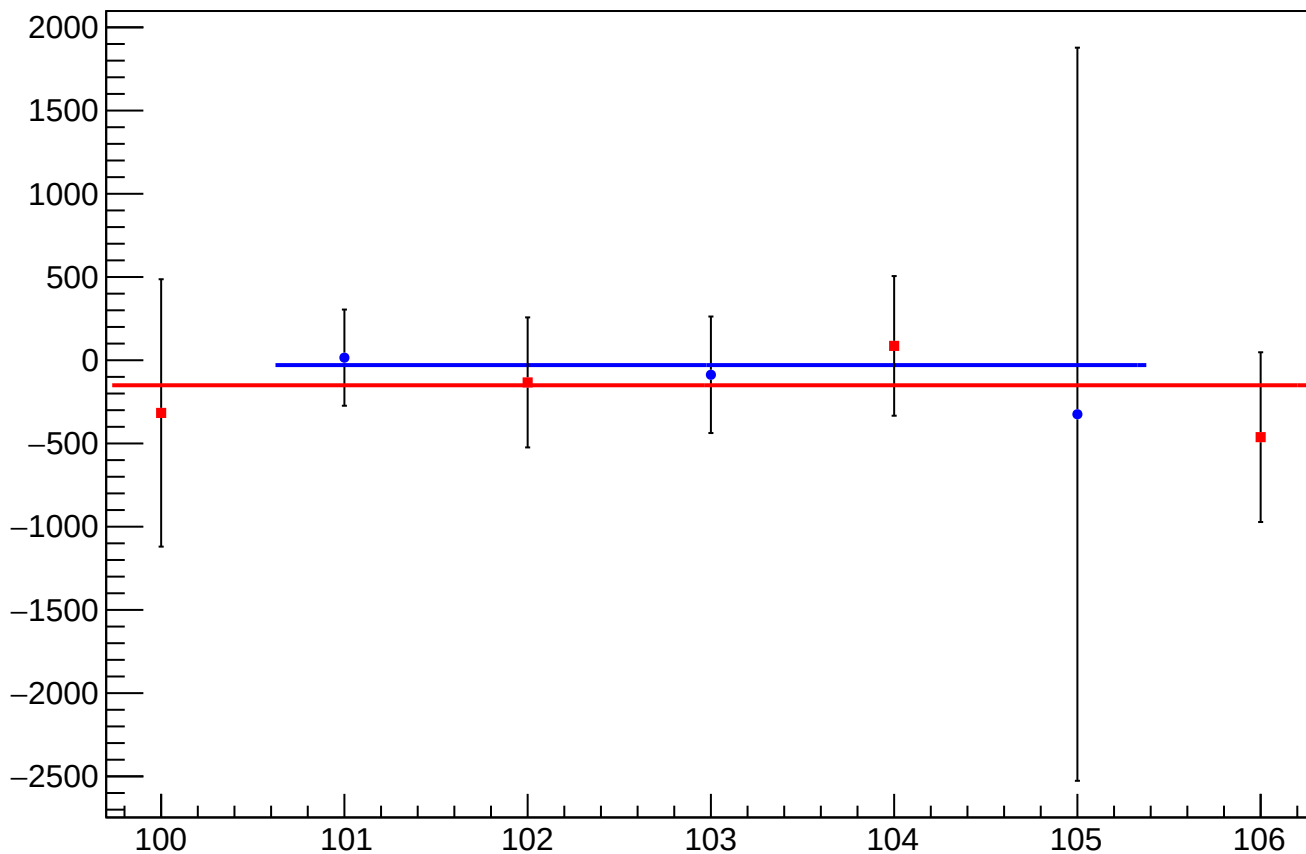
Right Out: 23.556+/-0.014 χ^2/NDF : 1731.5/3

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

23.974+/-0.016 χ^2/NDF : 210.6/2

23.556+/-0.014 χ^2/NDF : 1731.5/3

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: -29.144 $\pm$ 221.696 χ^2 /NDF: 0.1/2

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

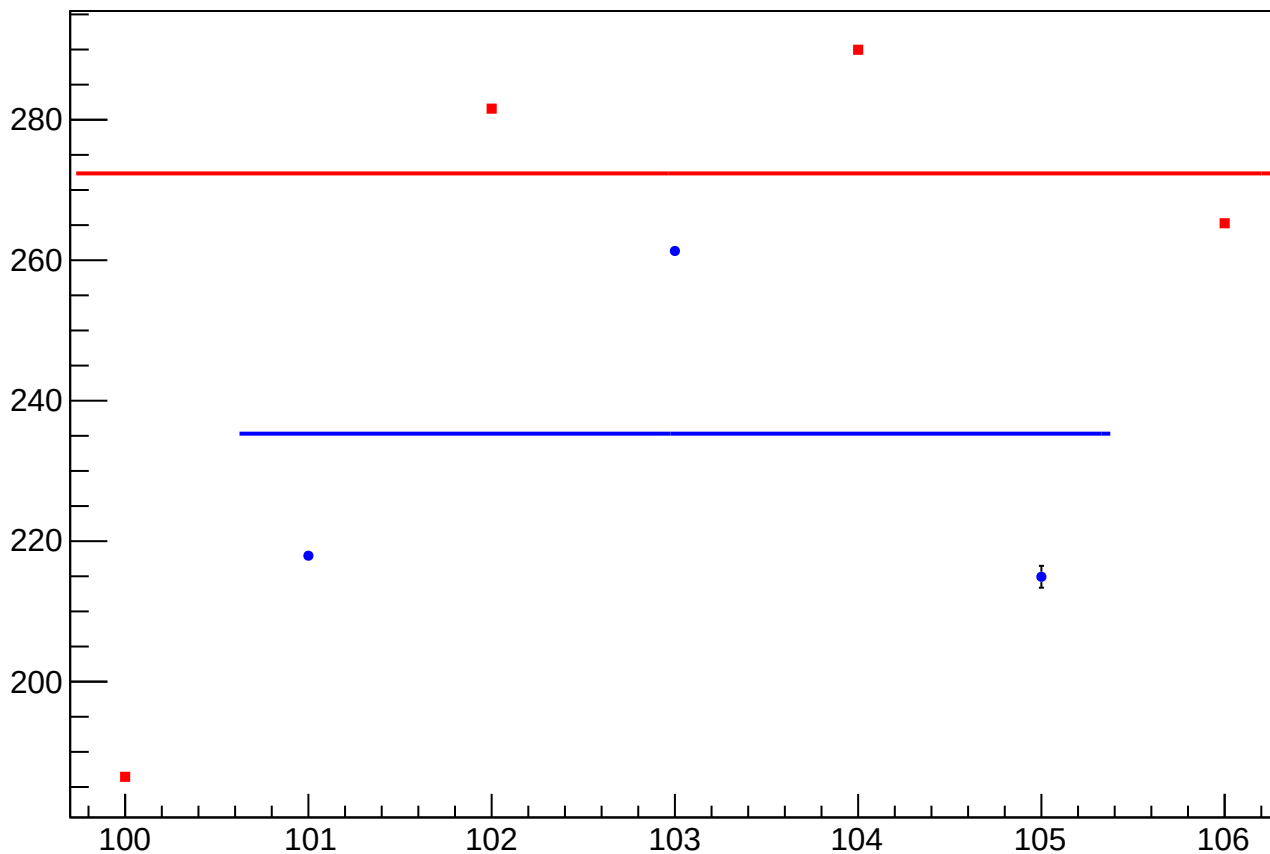
Right Out: -150.344 $\pm$ 238.155 χ^2 /NDF: 0.7/3

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

-29.144 $\pm$ 221.696 χ^2 /NDF: 0.1/2

-150.344 $\pm$ 238.155 χ^2 /NDF: 0.7/3

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs slug



Right In: 235.307 $\pm$ 0.157 χ^2 /NDF: 18449.1/2

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

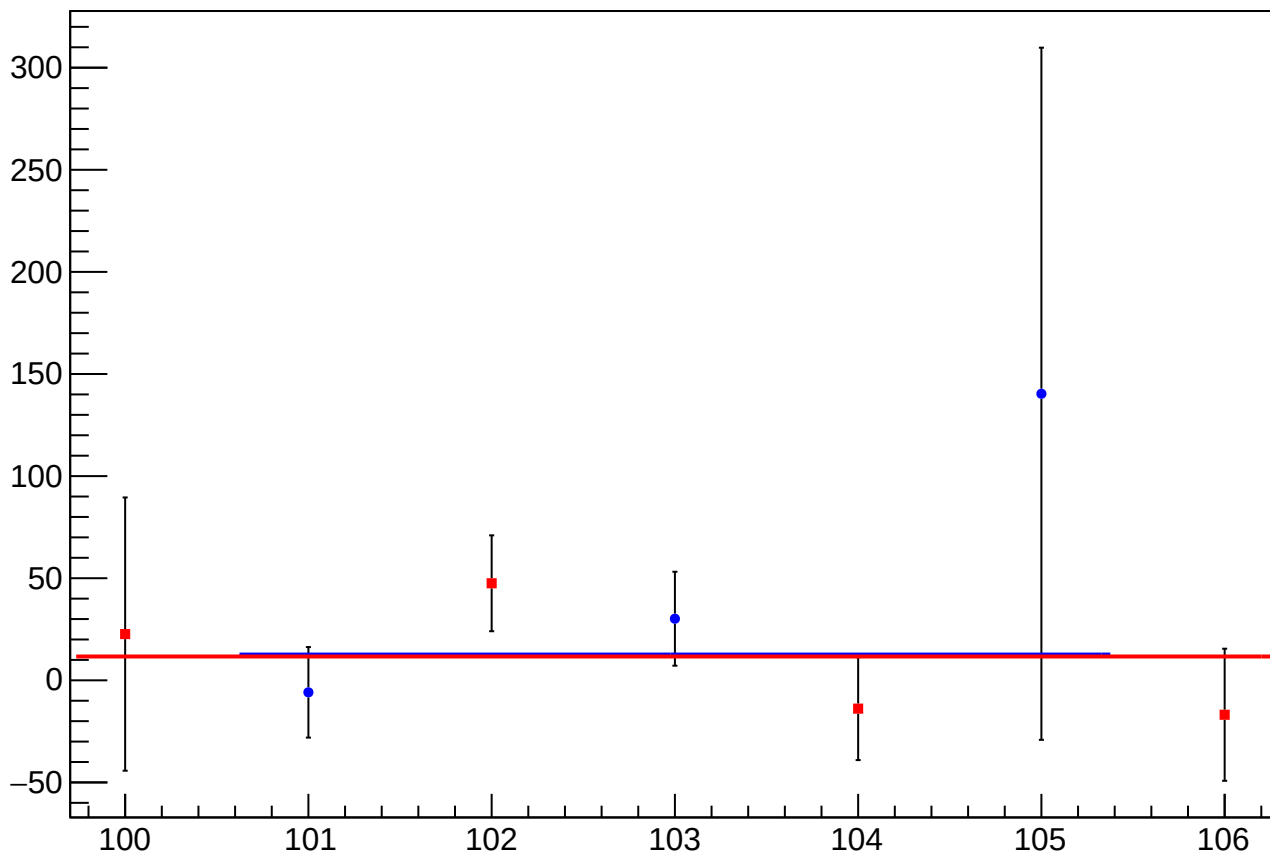
Right Out: 272.362 $\pm$ 0.168 χ^2 /NDF: 27902.6/3

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

235.307 $\pm$ 0.157 χ^2 /NDF: 18449.1/2

272.362 $\pm$ 0.168 χ^2 /NDF: 27902.6/3

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs slug



Right In: 12.613+/-15.892 χ^2/NDF : 1.8/2

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

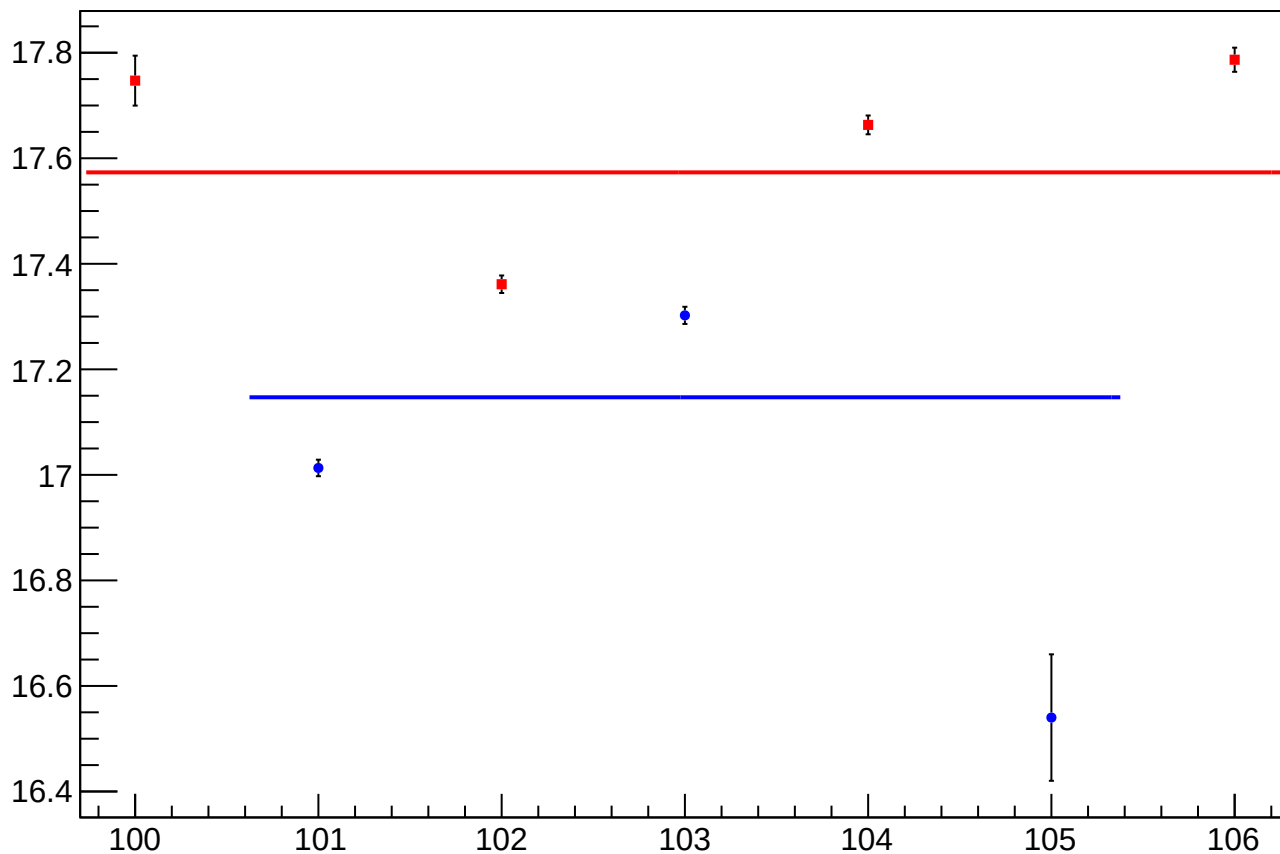
Right Out: 11.664+/-14.793 χ^2/NDF : 4.2/3

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

12.613+/-15.892 χ^2/NDF : 1.8/2

11.664+/-14.793 χ^2/NDF : 4.2/3

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.147 $\pm$ 0.011 χ^2 /NDF: 189.7/2

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

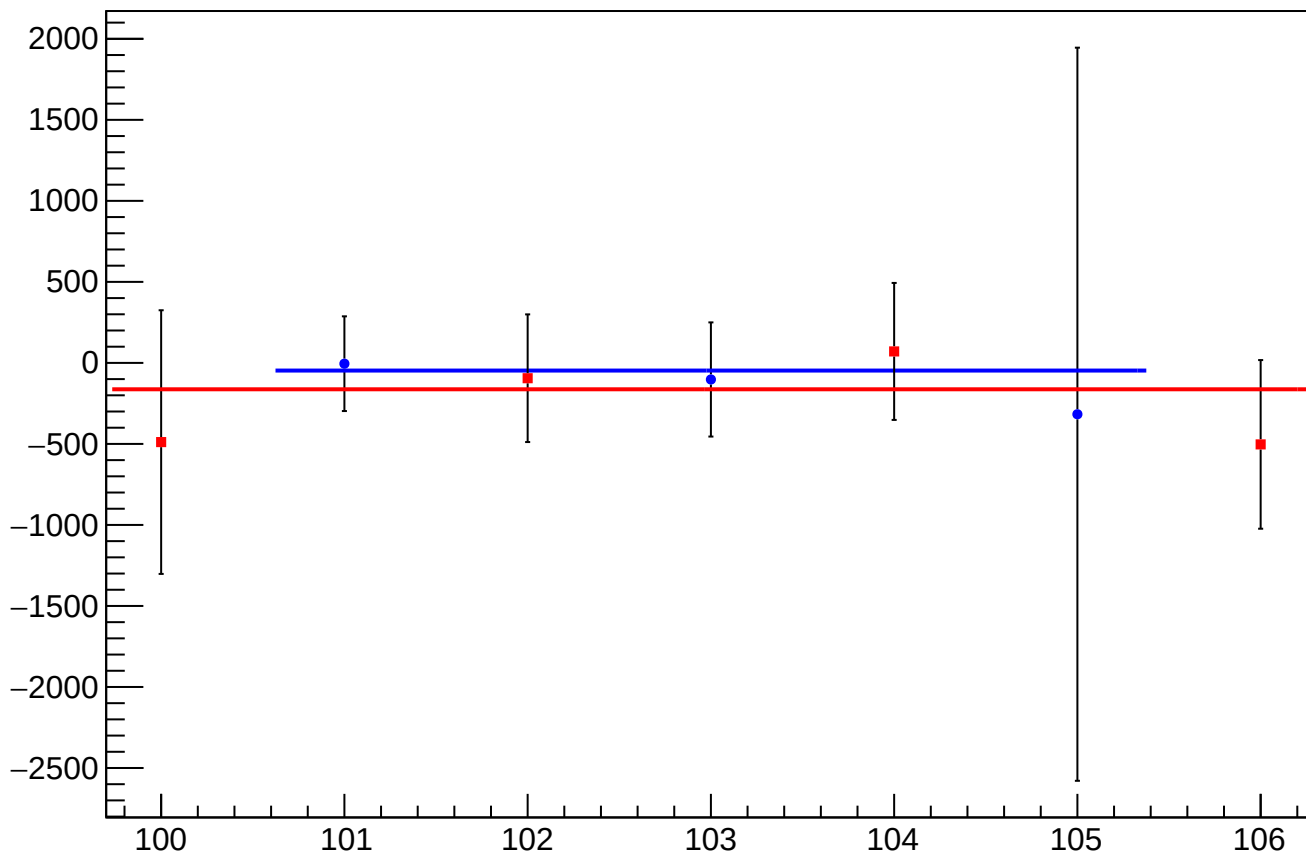
Right Out: 17.573 $\pm$ 0.010 χ^2 /NDF: 289.2/3

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

17.147 $\pm$ 0.011 χ^2 /NDF: 189.7/2

17.573 $\pm$ 0.010 χ^2 /NDF: 289.2/3

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: -47.267 $\pm$ 223.831 χ^2 /NDF: 0.1/2

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

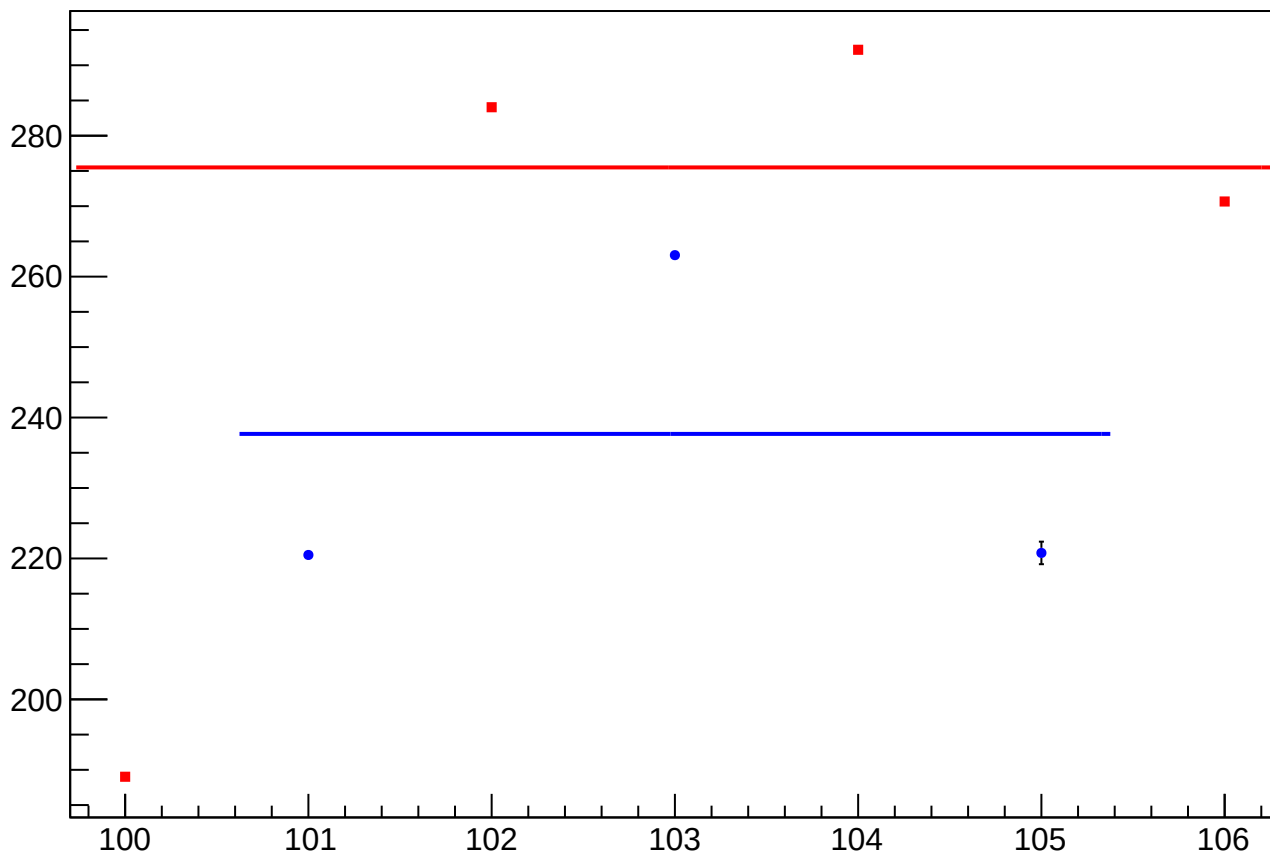
Right Out: -162.849 $\pm$ 240.816 χ^2 /NDF: 0.9/3

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

-47.267 $\pm$ 223.831 χ^2 /NDF: 0.1/2

-162.849 $\pm$ 240.816 χ^2 /NDF: 0.9/3

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs slug



Right In: 237.677 $\pm$ 0.158 χ^2 /NDF: 17396.1/2

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

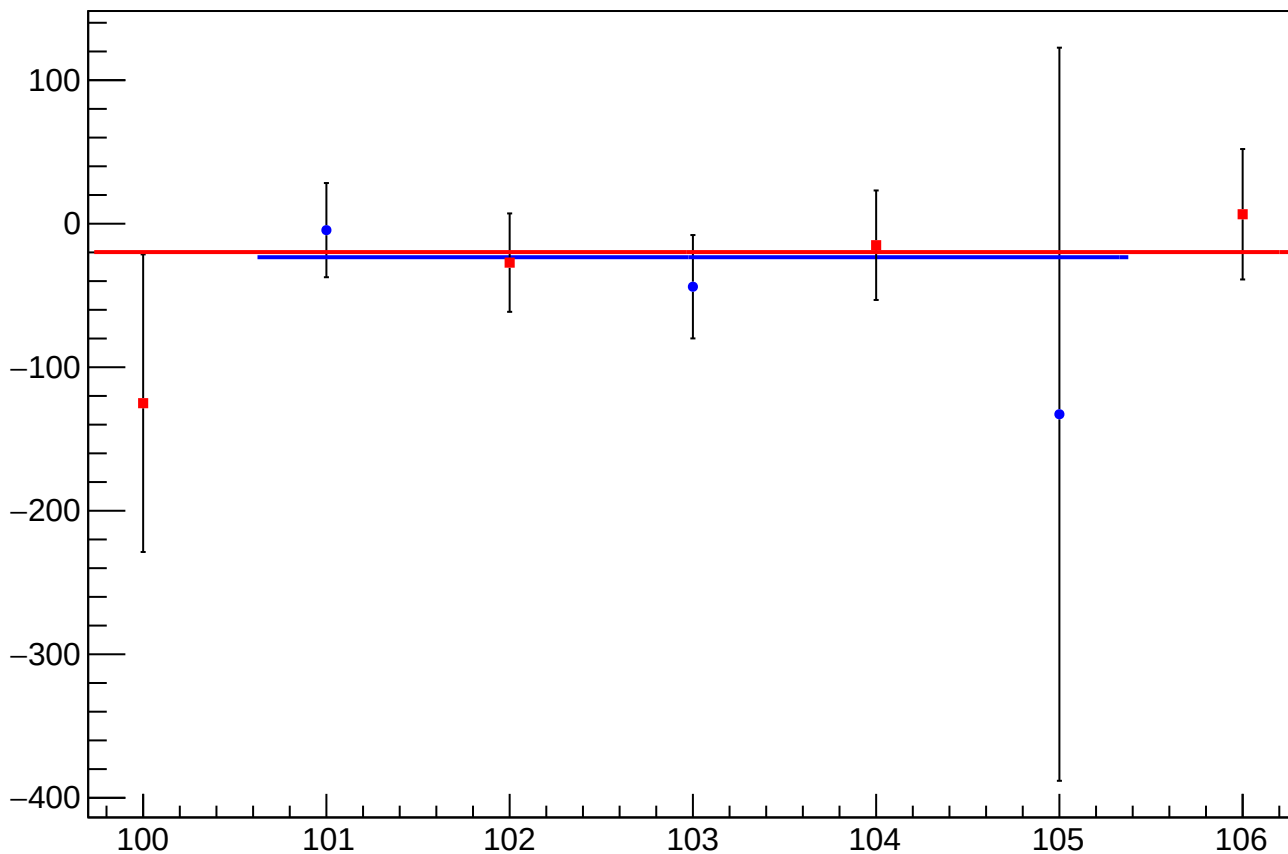
237.677 $\pm$ 0.158 χ^2 /NDF: 17396.1/2

Right Out: 275.499 $\pm$ 0.170 χ^2 /NDF: 26831.0/3

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

275.499 $\pm$ 0.170 χ^2 /NDF: 26831.0/3

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs slug



Right In: -23.351+/-24.148 χ^2 /NDF: 0.8/2

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

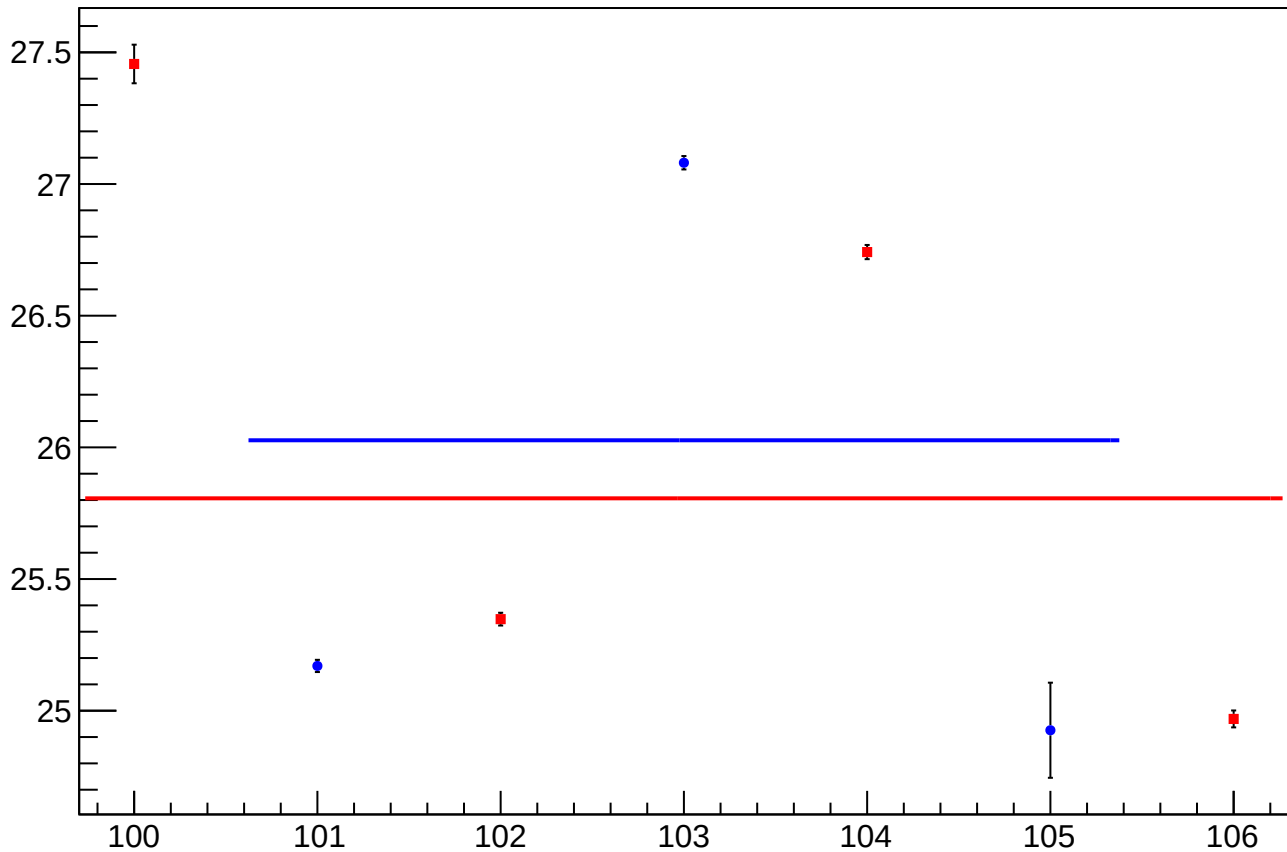
Right Out: -19.769+/-21.743 χ^2 /NDF: 1.4/3

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

-23.351+/-24.148 χ^2 /NDF: 0.8/2

-19.769+/-21.743 χ^2 /NDF: 1.4/3

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs slug



Right In: 26.027+/-0.017 χ^2/NDF : 3113.5/2

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

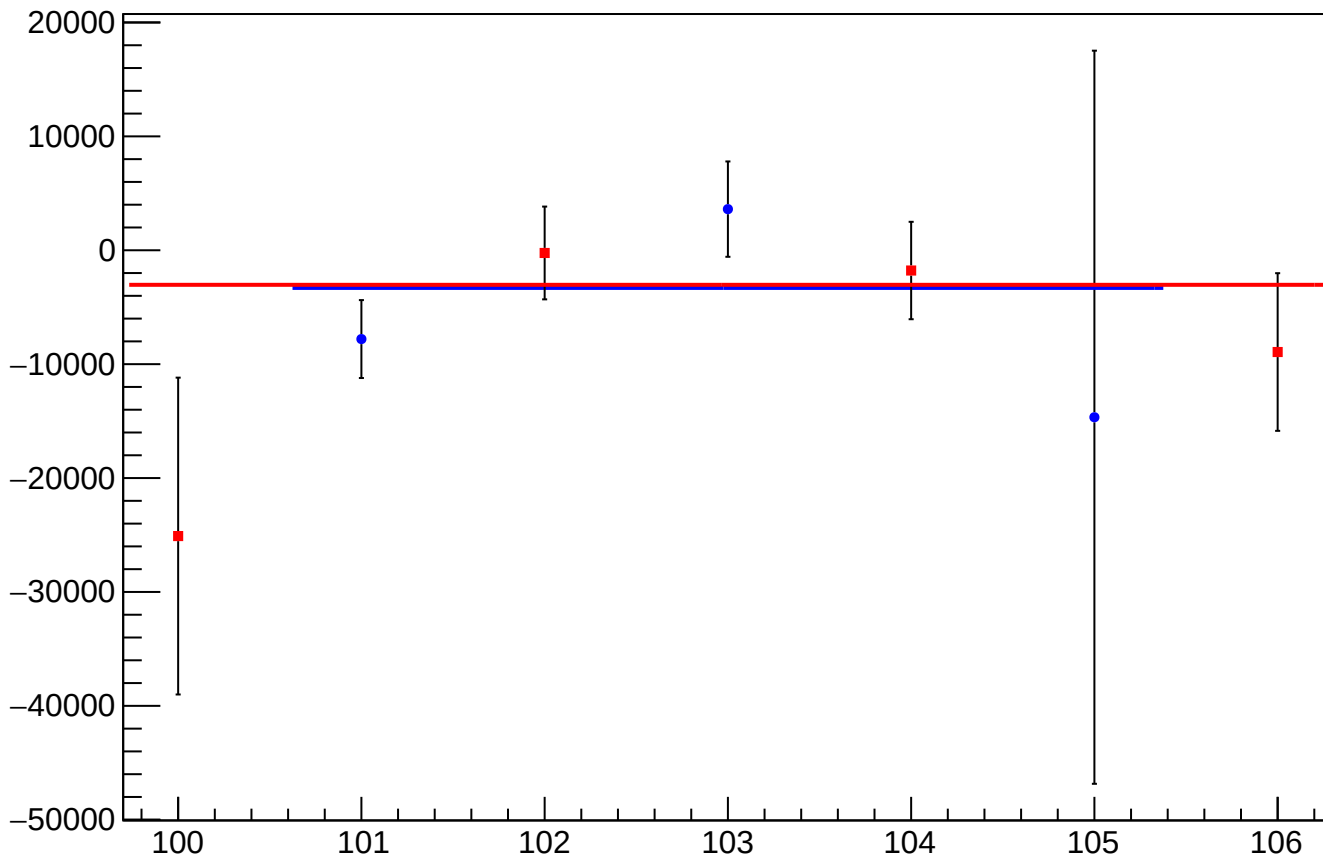
26.027+/-0.017 χ^2/NDF : 3113.5/2

Right Out: 25.806+/-0.015 χ^2/NDF : 2745.6/3

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

25.806+/-0.015 χ^2/NDF : 2745.6/3

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: -3305.329 $\pm$ 2639.828 χ^2 /NDF: 4.6/2

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

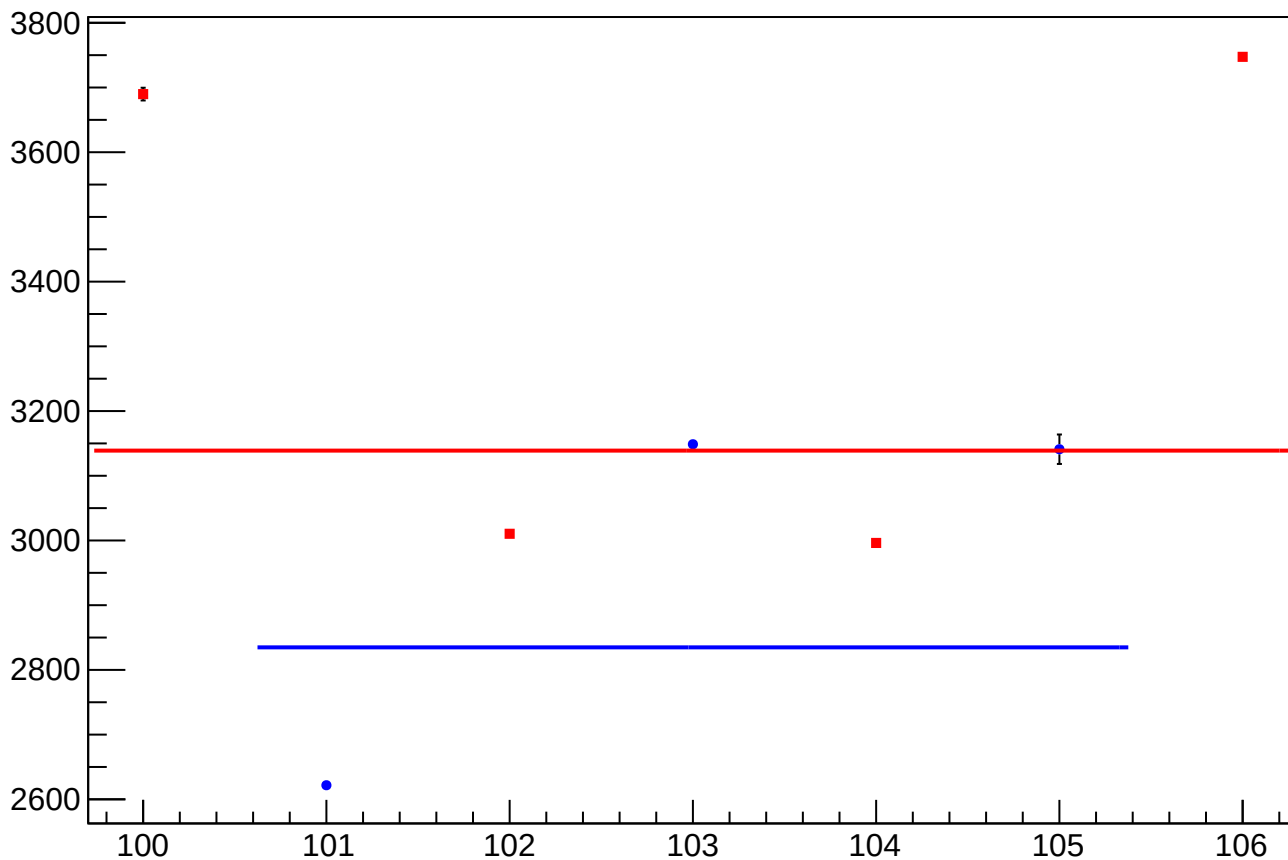
-3305.329 $\pm$ 2639.828 χ^2 /NDF: 4.6/2

Right Out: -3033.753 $\pm$ 2662.927 χ^2 /NDF: 3.8/3

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

-3033.753 $\pm$ 2662.927 χ^2 /NDF: 3.8/3

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs slug



Right In: 2834.834+/-1.867 χ^2/NDF : 19187.1/2

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

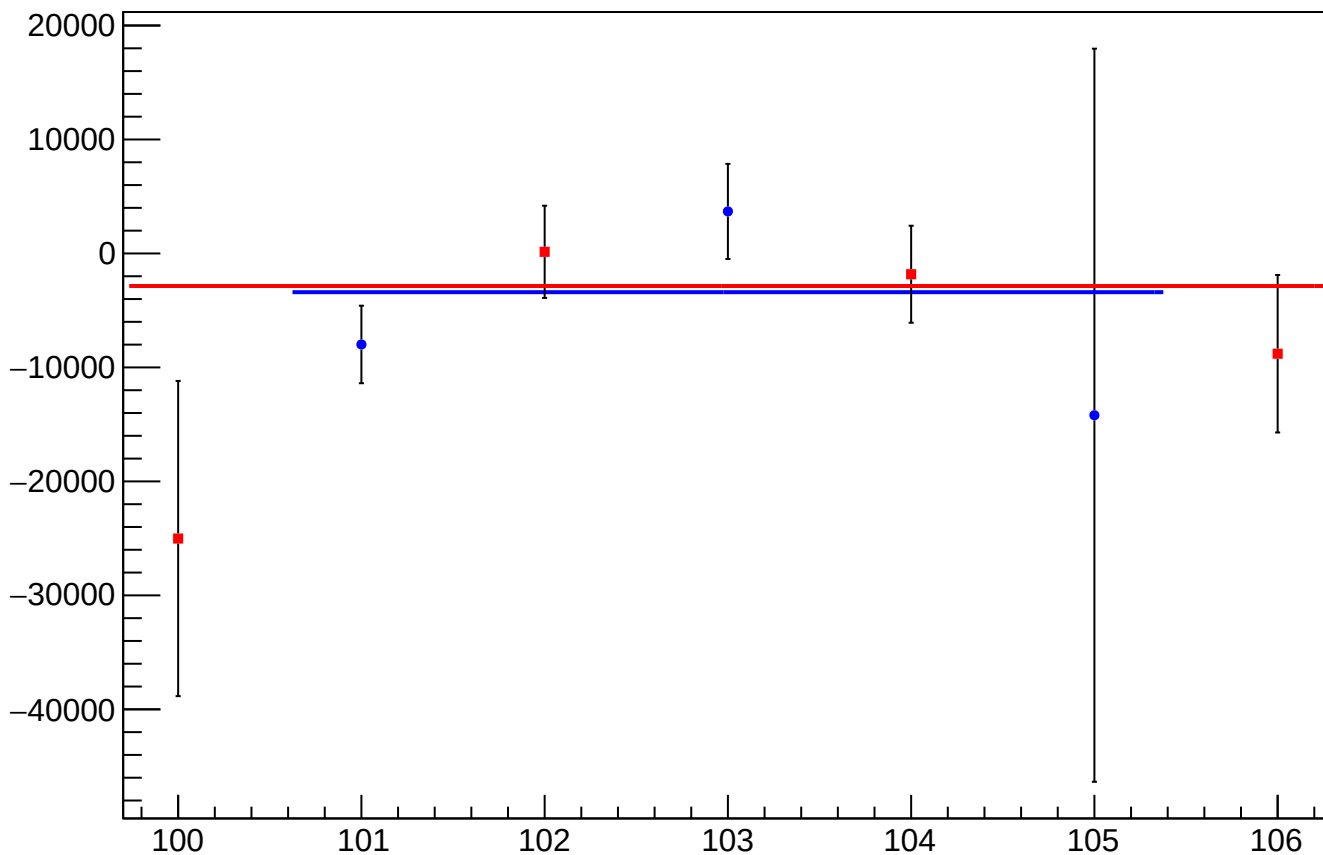
2834.834+/-1.867 χ^2/NDF : 19187.1/2

Right Out: 3138.887+/-1.883 χ^2/NDF : 22818.2/3

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

3138.887+/-1.883 χ^2/NDF : 22818.2/3

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs slug



Right In: -3397.819+/-2627.445 χ^2 /NDF: 4.8/2

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

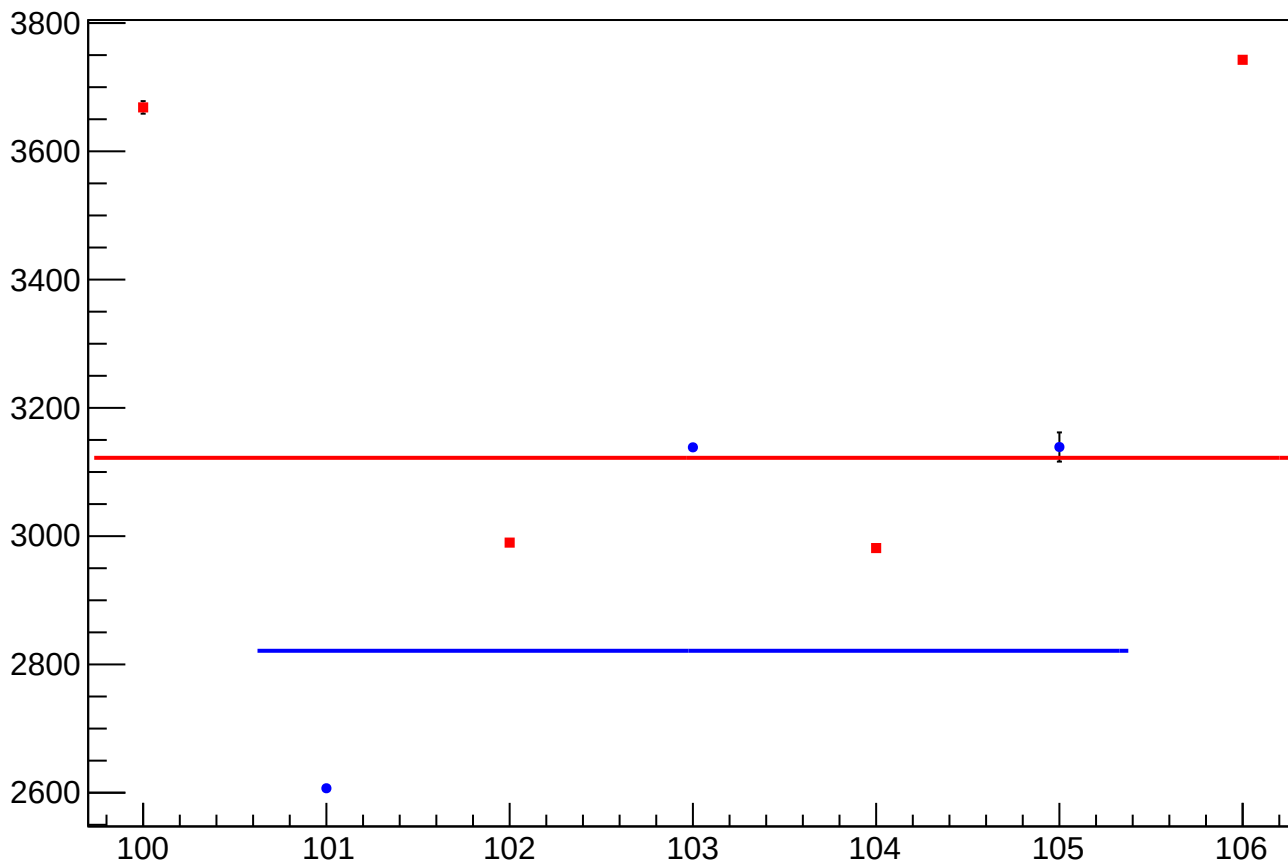
Right Out: -2855.951+/-2648.961 χ^2 /NDF: 3.9/3

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

-3397.819+/-2627.445 χ^2 /NDF: 4.8/2

-2855.951+/-2648.961 χ^2 /NDF: 3.9/3

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs slug



Right In: 2821.280 $\pm$ 1.858 χ^2 /NDF: 19696.6/2

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

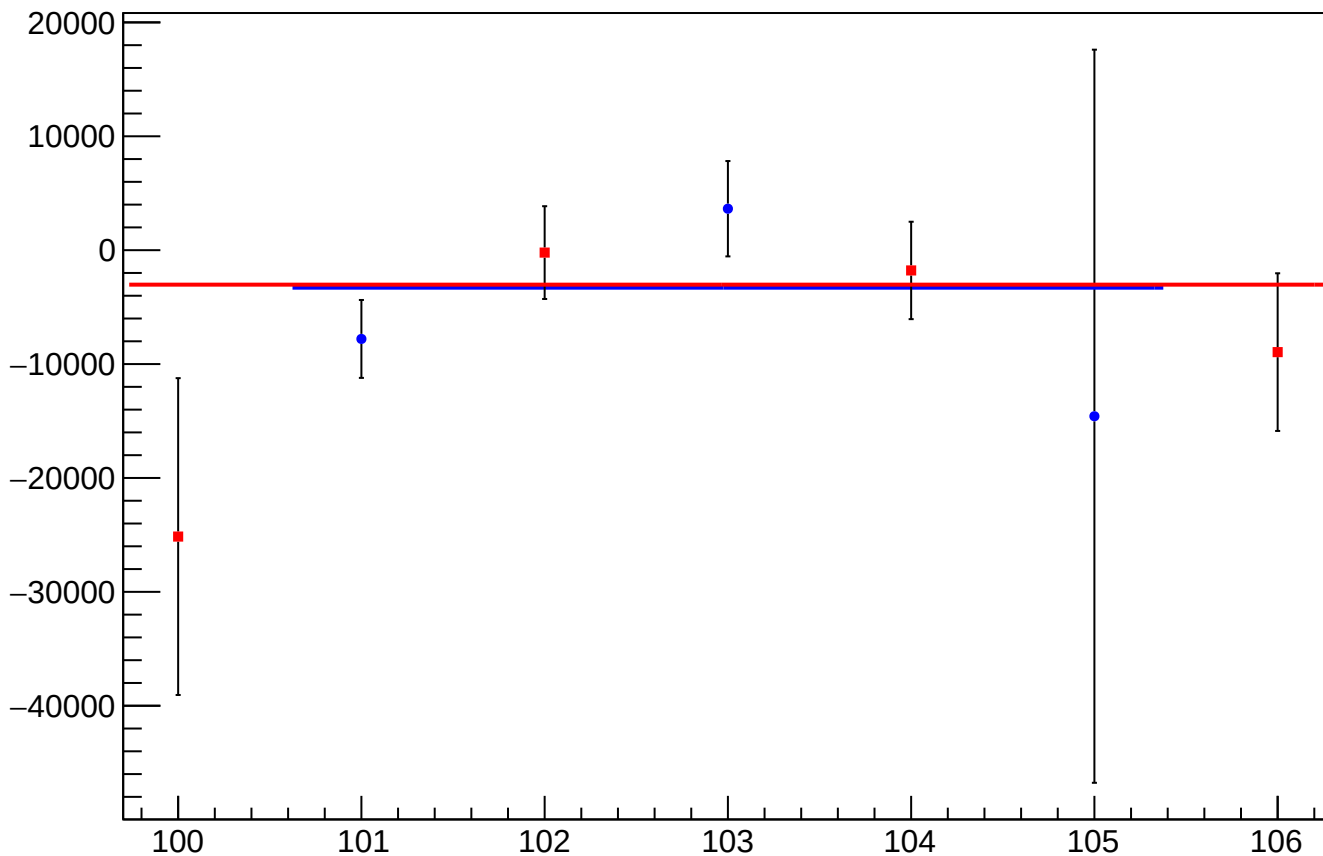
2821.280 $\pm$ 1.858 χ^2 /NDF: 19696.6/2

Right Out: 3122.136 $\pm$ 1.873 χ^2 /NDF: 23569.8/3

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

3122.136 $\pm$ 1.873 χ^2 /NDF: 23569.8/3

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs slug



Right In: -3291.646 $\pm$ 2639.848 χ^2 /NDF: 4.6/2

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

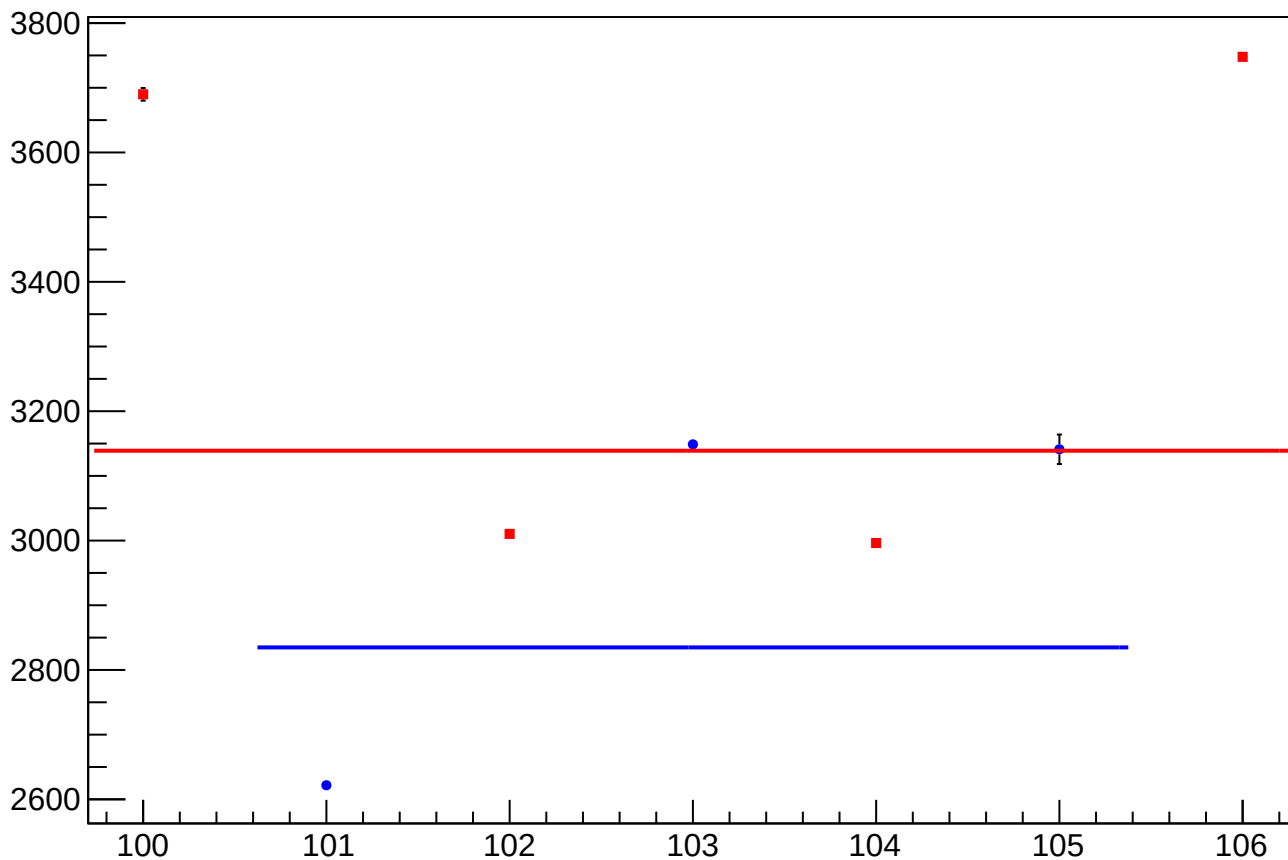
Right Out: -3027.074 $\pm$ 2662.976 χ^2 /NDF: 3.8/3

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

-3291.646 $\pm$ 2639.848 χ^2 /NDF: 4.6/2

-3027.074 $\pm$ 2662.976 χ^2 /NDF: 3.8/3

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 2834.856+/-1.867 χ^2/NDF : 19188.3/2

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

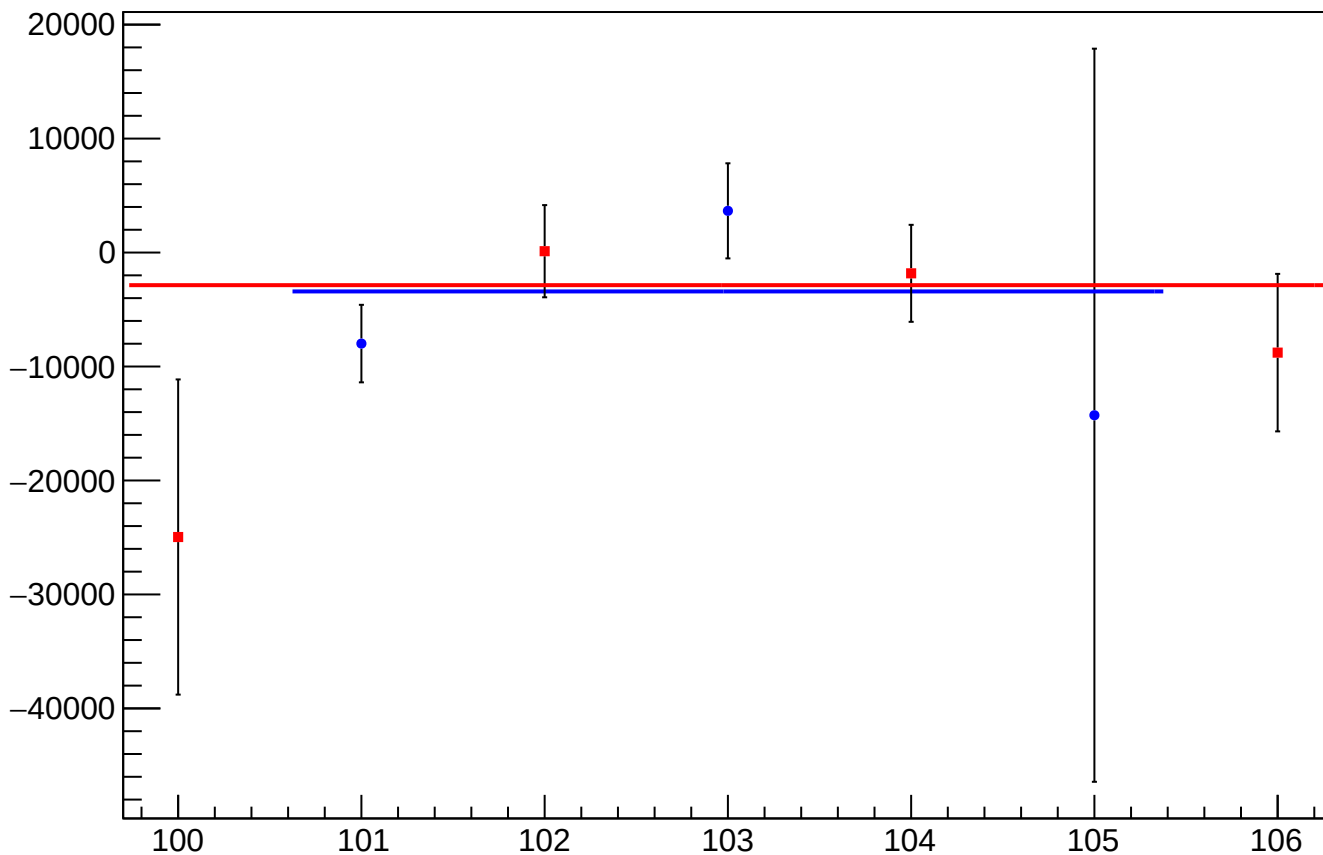
2834.856+/-1.867 χ^2/NDF : 19188.3/2

Right Out: 3138.931+/-1.883 χ^2/NDF : 22837.2/3

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

3138.931+/-1.883 χ^2/NDF : 22837.2/3

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs slug



Right In: -3411.457+/-2627.351 χ^2 /NDF: 4.8/2

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

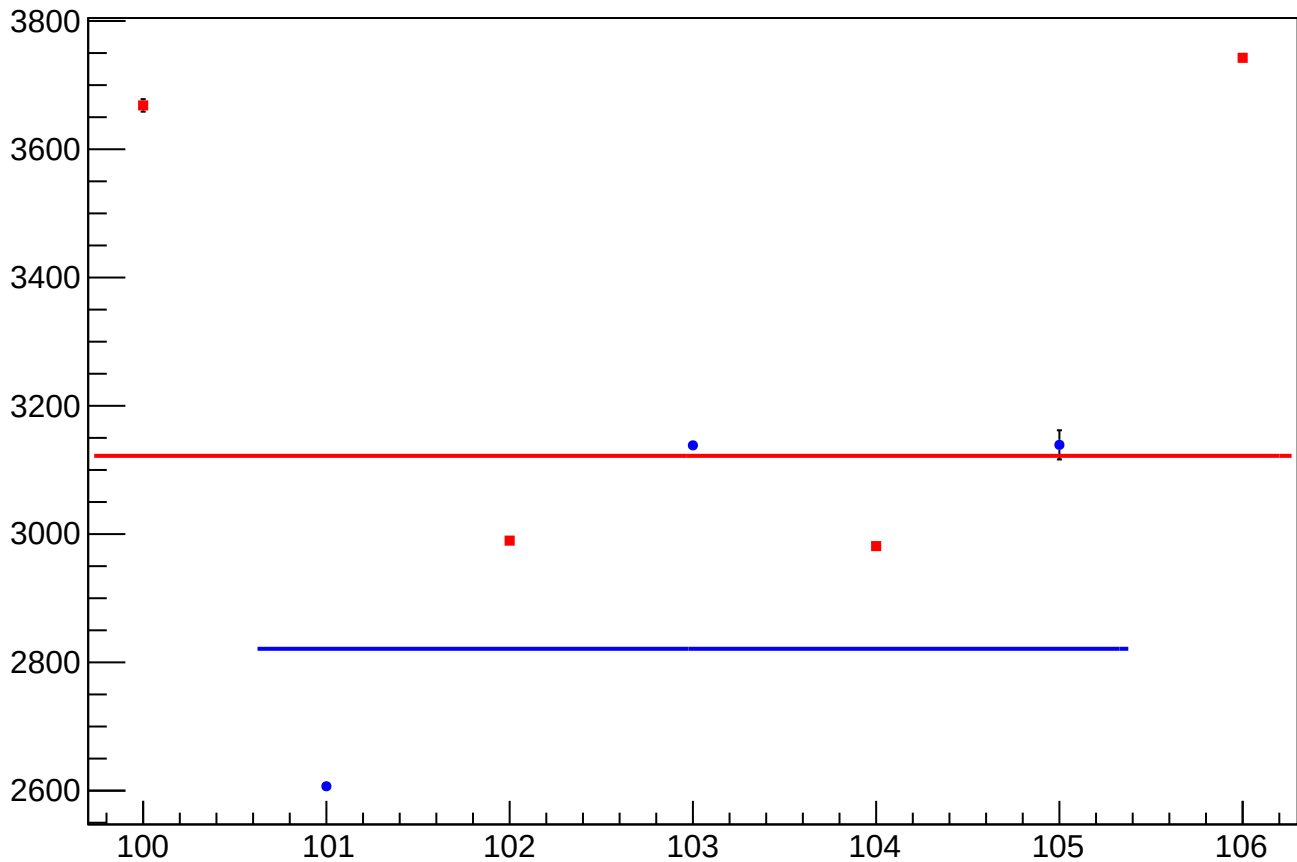
Right Out: -2861.799+/-2648.856 χ^2 /NDF: 3.9/3

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3411.457+/-2627.351 χ^2 /NDF: 4.8/2

-2861.799+/-2648.856 χ^2 /NDF: 3.9/3

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 2821.178 $\pm$ 1.858 χ^2 /NDF: 19696.8/2

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

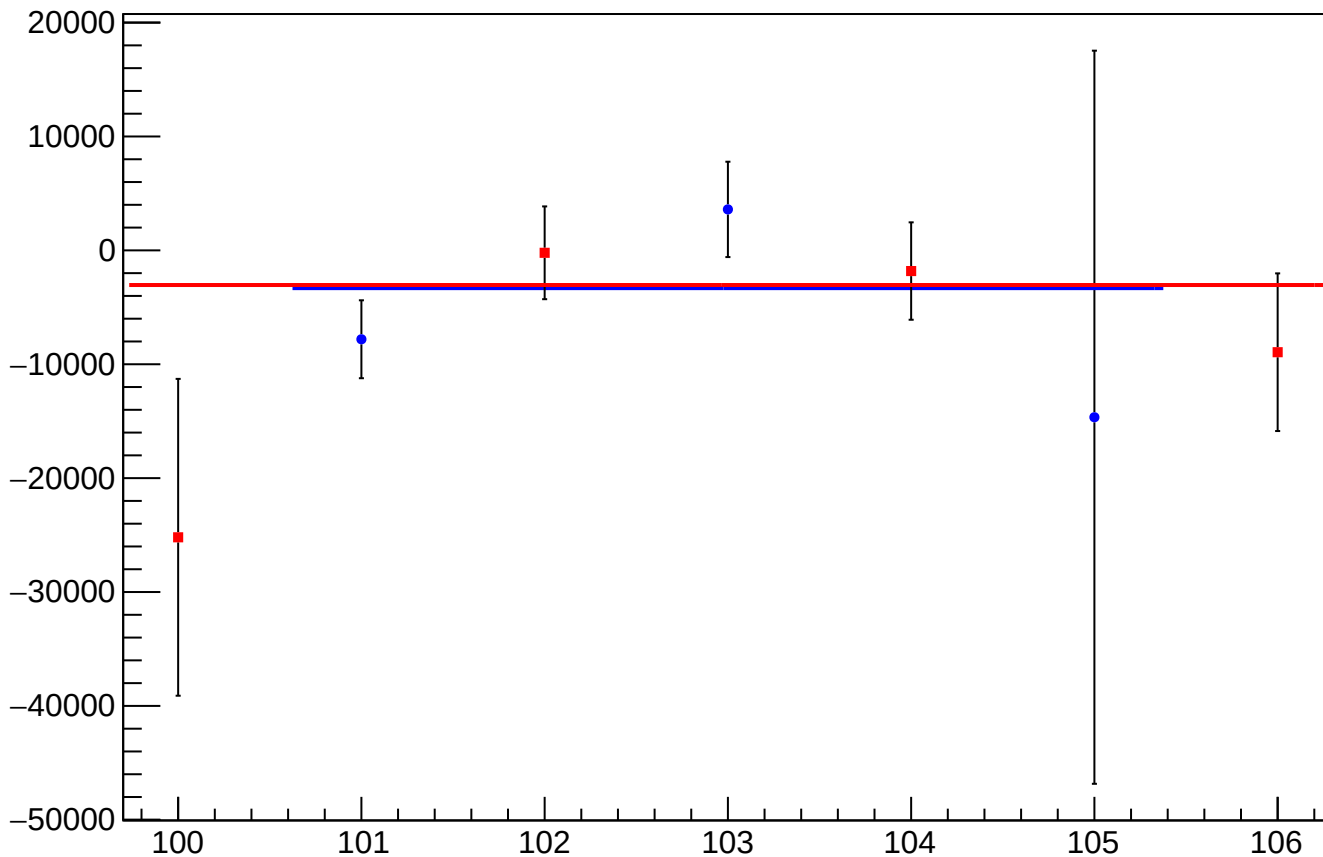
2821.178 $\pm$ 1.858 χ^2 /NDF: 19696.8/2

Right Out: 3122.011 $\pm$ 1.873 χ^2 /NDF: 23573.4/3

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

3122.011 $\pm$ 1.873 χ^2 /NDF: 23573.4/3

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs slug



Right In: -3316.515 $\pm$ 2640.074 χ^2 /NDF: 4.6/2

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

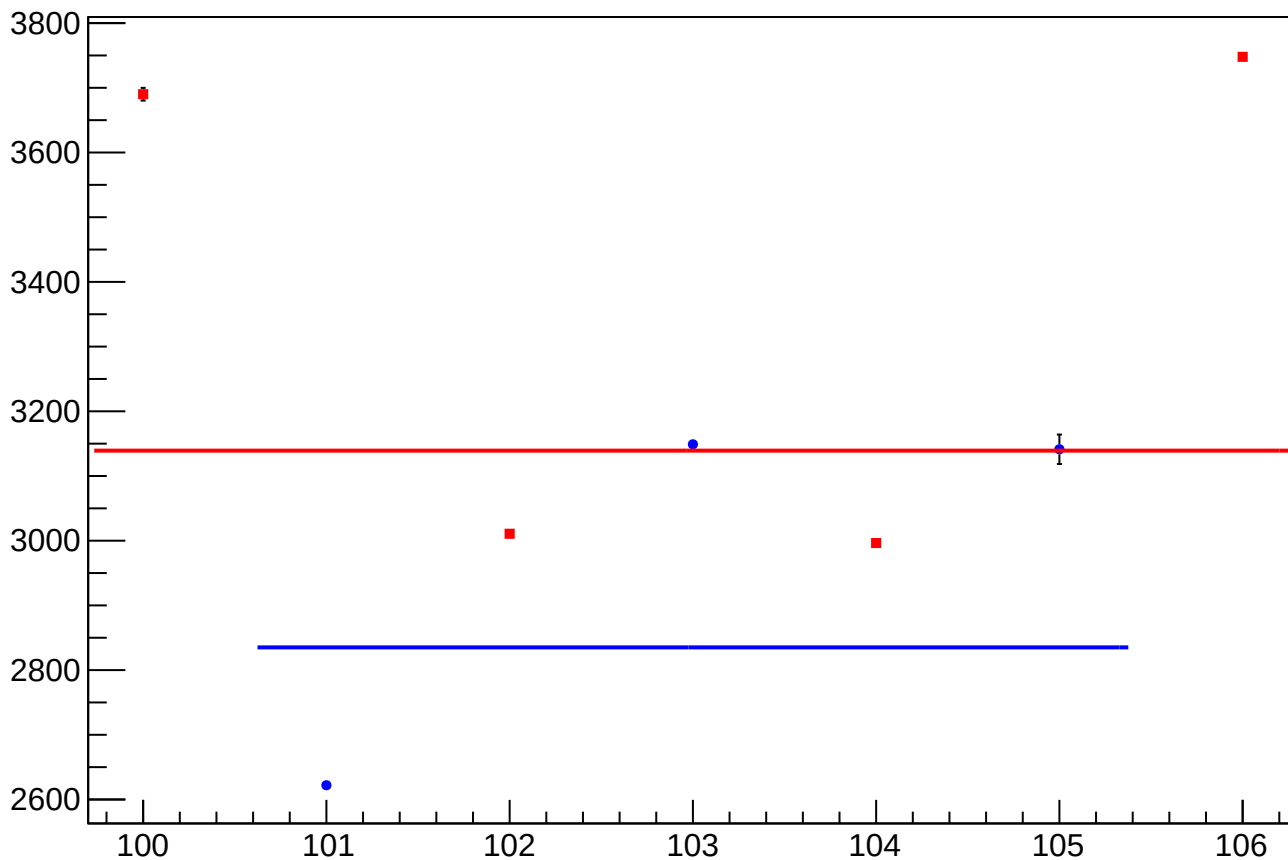
Right Out: -3042.927 $\pm$ 2663.208 χ^2 /NDF: 3.8/3

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

-3316.515 $\pm$ 2640.074 χ^2 /NDF: 4.6/2

-3042.927 $\pm$ 2663.208 χ^2 /NDF: 3.8/3

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs slug



Right In: 2835.103+/-1.867 χ^2/NDF : 19182.3/2

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

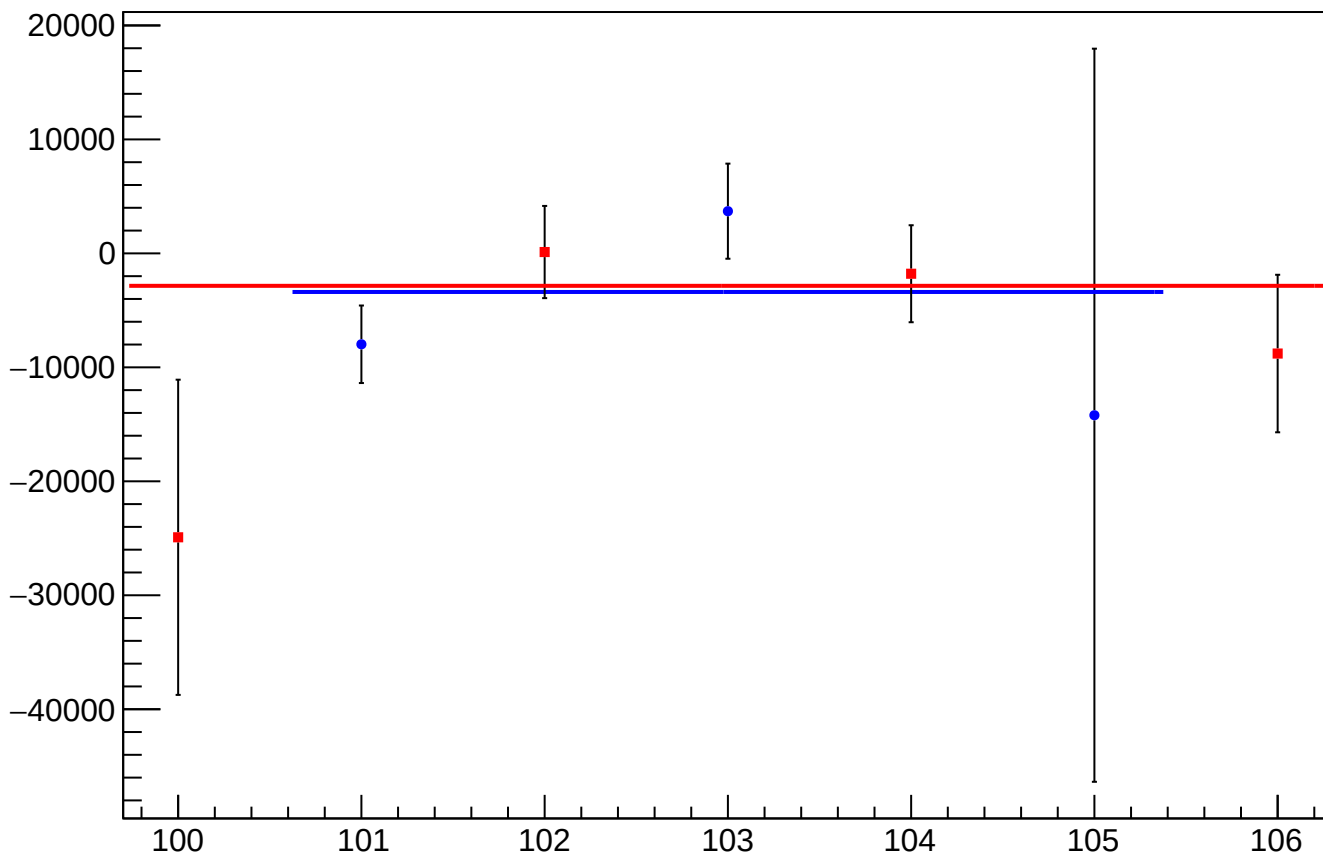
2835.103+/-1.867 χ^2/NDF : 19182.3/2

Right Out: 3139.211+/-1.883 χ^2/NDF : 22821.0/3

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

3139.211+/-1.883 χ^2/NDF : 22821.0/3

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs slug



Right In: -3386.640 $\pm$ 2627.448 χ^2 /NDF: 4.8/2

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

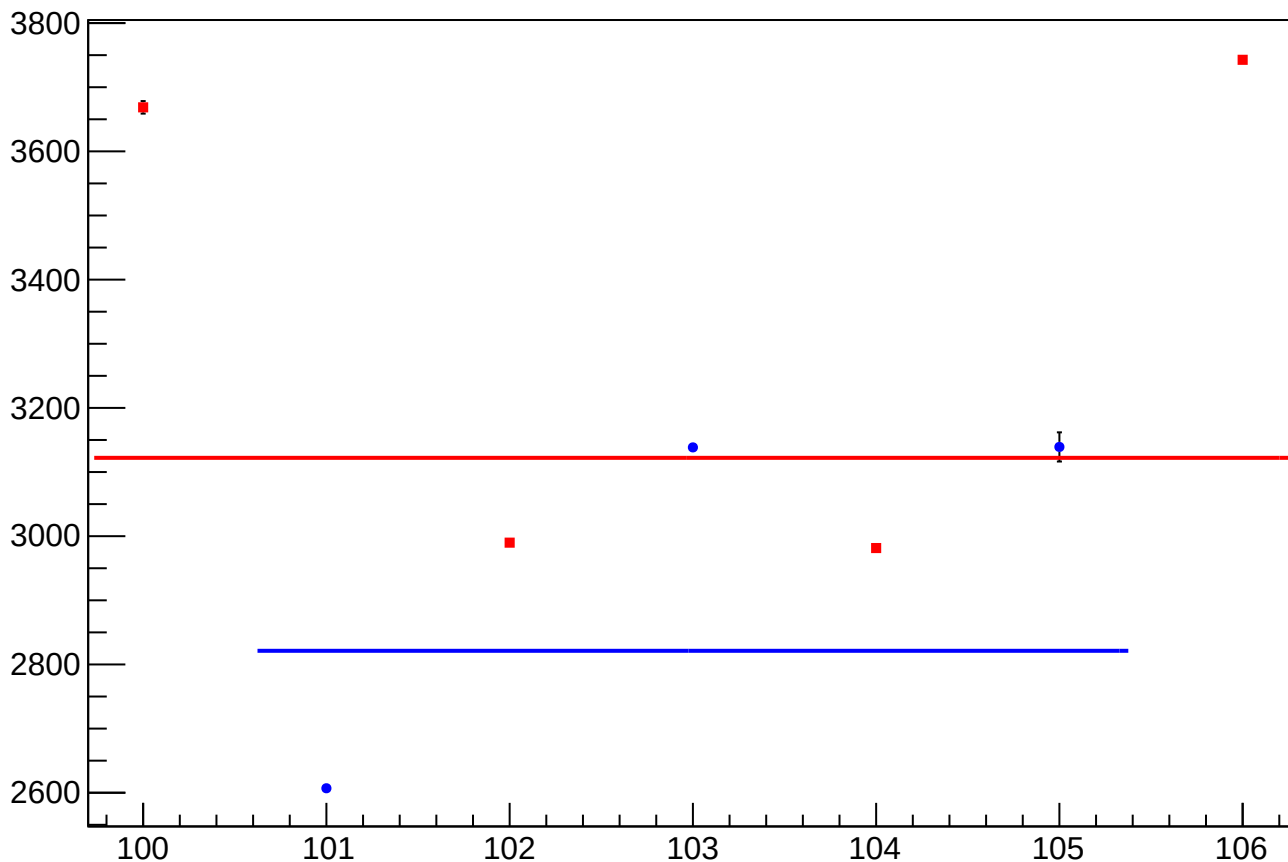
Right Out: -2847.321 $\pm$ 2648.981 χ^2 /NDF: 3.9/3

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

-3386.640 $\pm$ 2627.448 χ^2 /NDF: 4.8/2

-2847.321 $\pm$ 2648.981 χ^2 /NDF: 3.9/3

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs slug



Right In: 2821.285 $\pm$ 1.858 χ^2 /NDF: 19691.9/2

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

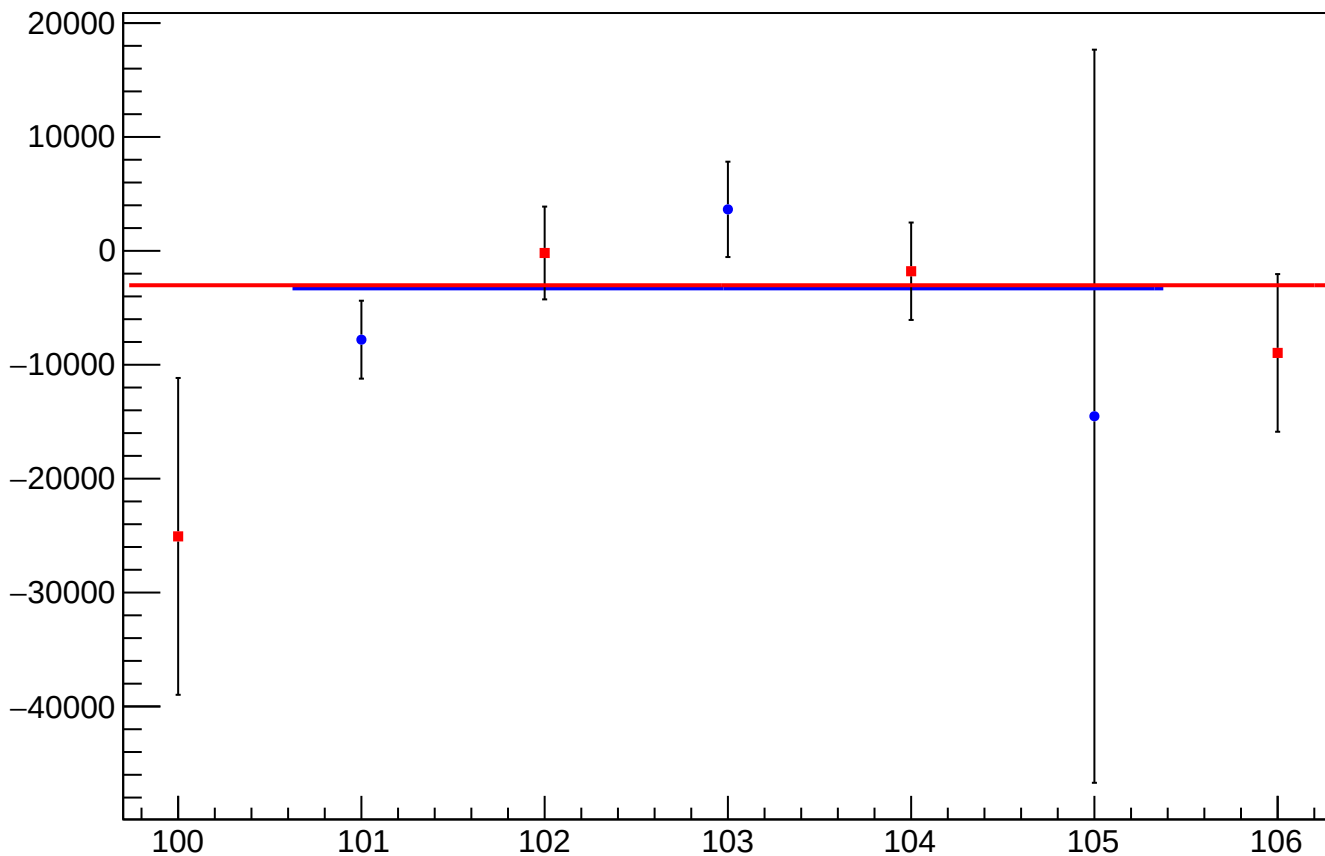
Right Out: 3122.158 $\pm$ 1.873 χ^2 /NDF: 23573.2/3

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

2821.285 $\pm$ 1.858 χ^2 /NDF: 19691.9/2

3122.158 $\pm$ 1.873 χ^2 /NDF: 23573.2/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs slug



Right In: -3293.361+/-2640.039 χ^2 /NDF: 4.6/2

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

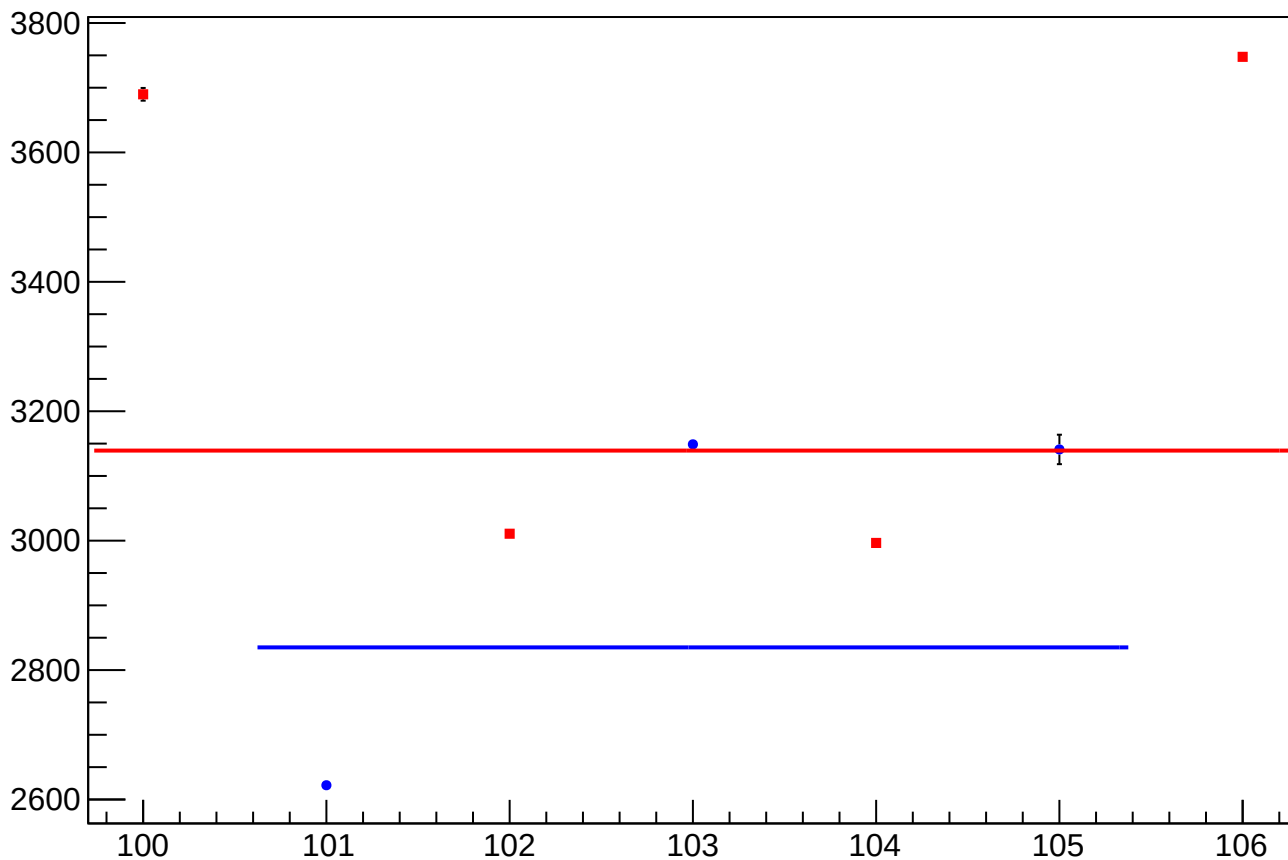
-3293.361+/-2640.039 χ^2 /NDF: 4.6/2

Right Out: -3019.556+/-2663.203 χ^2 /NDF: 3.8/3

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

-3019.556+/-2663.203 χ^2 /NDF: 3.8/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 2835.067 $\pm$ 1.867 χ^2 /NDF: 19175.8/2

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

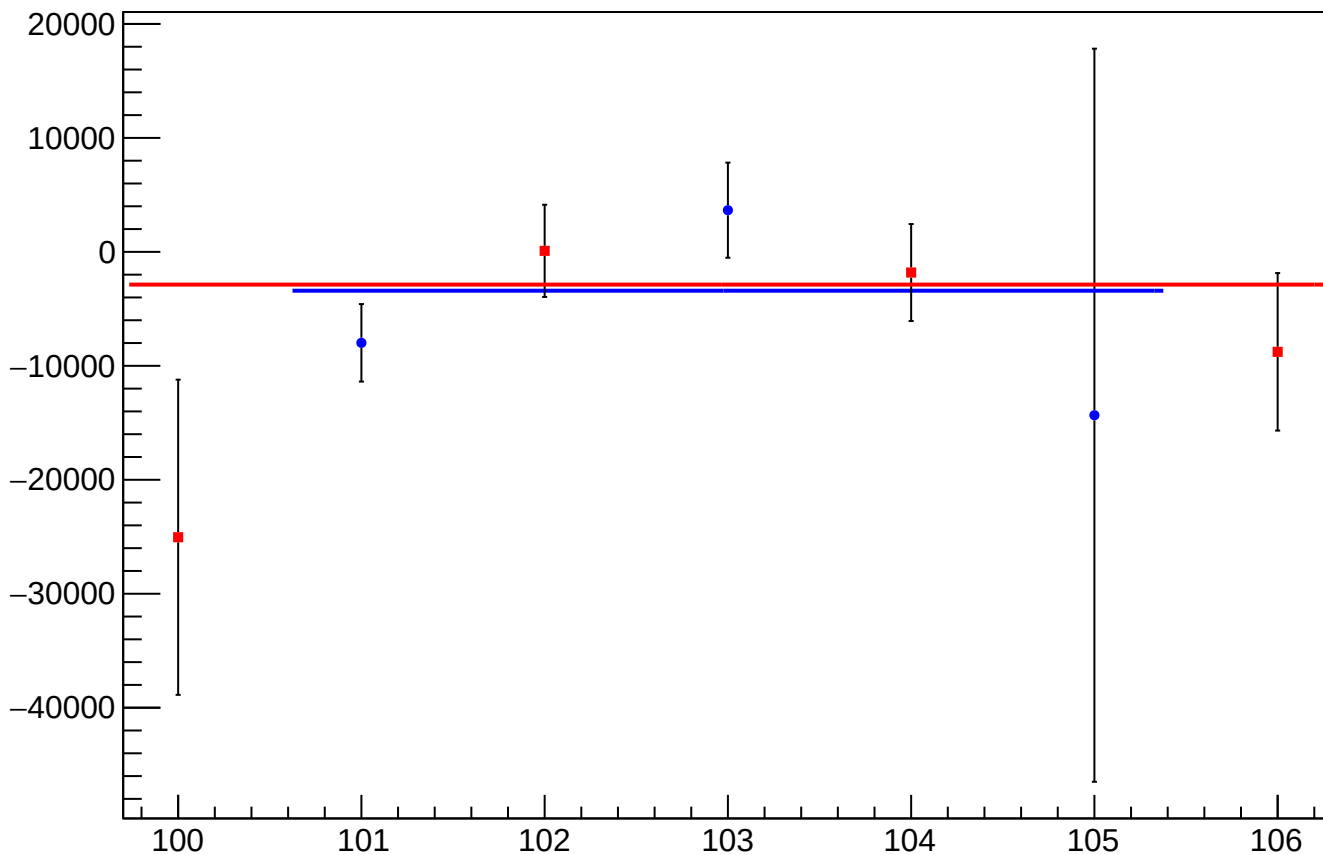
2835.067 $\pm$ 1.867 χ^2 /NDF: 19175.8/2

Right Out: 3139.215 $\pm$ 1.883 χ^2 /NDF: 22809.8/3

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

3139.215 $\pm$ 1.883 χ^2 /NDF: 22809.8/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -3409.469 $\pm$ 2627.467 χ^2 /NDF: 4.8/2

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

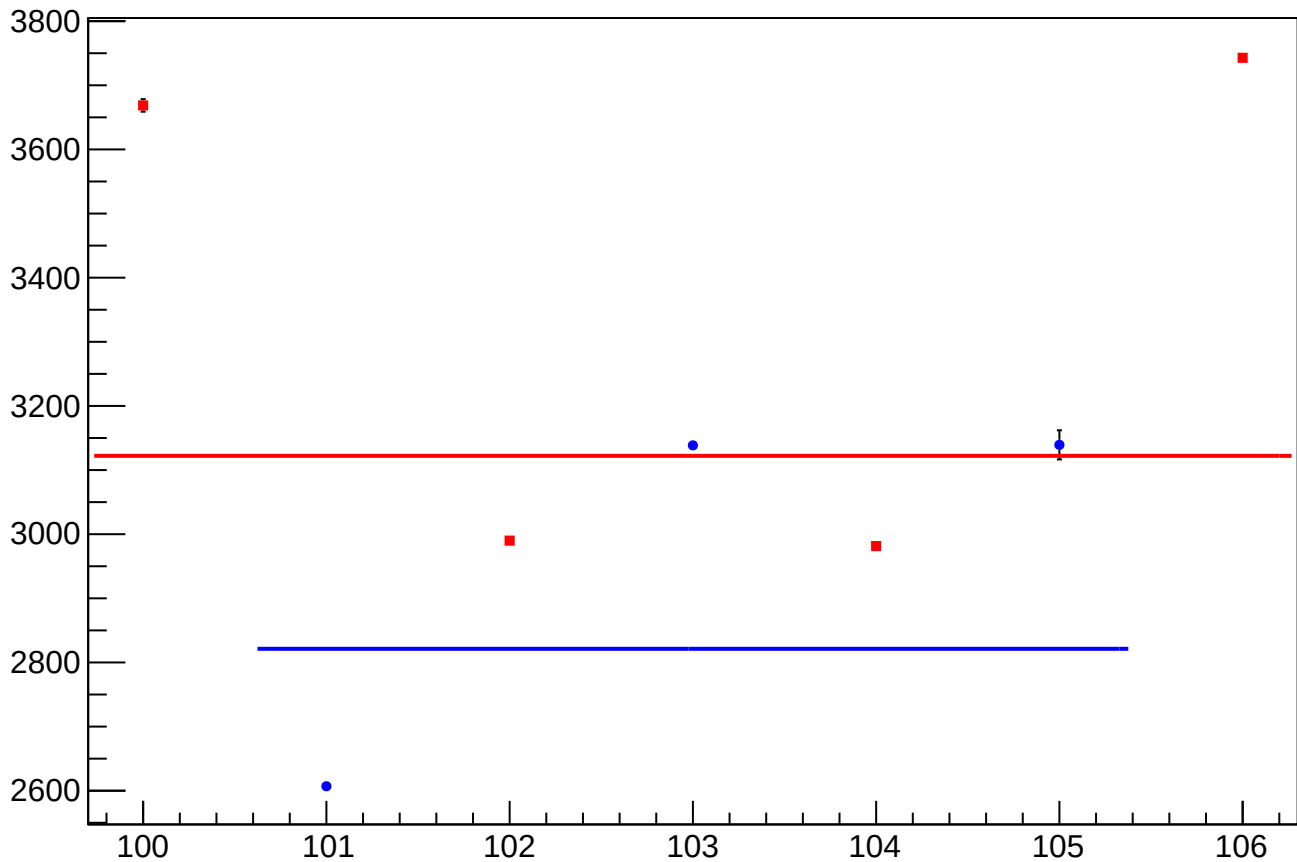
-3409.469 $\pm$ 2627.467 χ^2 /NDF: 4.8/2

Right Out: -2871.966 $\pm$ 2649.015 χ^2 /NDF: 3.9/3

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

-2871.966 $\pm$ 2649.015 χ^2 /NDF: 3.9/3

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs slug



Right In: 2821.302 $\pm$ 1.858 χ^2 /NDF: 19700.1/2

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

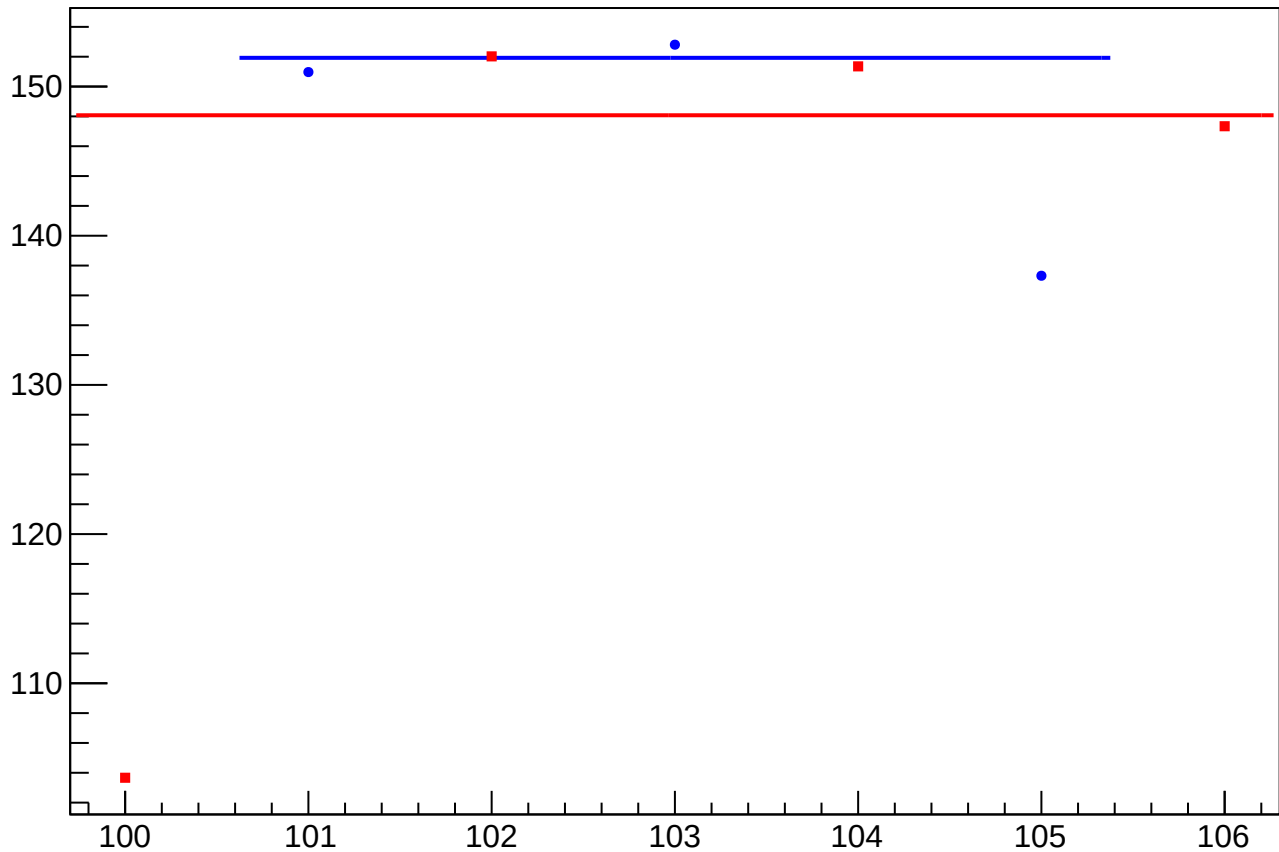
2821.302 $\pm$ 1.858 χ^2 /NDF: 19700.1/2

Right Out: 3122.196 $\pm$ 1.873 χ^2 /NDF: 23576.2/3

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

3122.196 $\pm$ 1.873 χ^2 /NDF: 23576.2/3

yield_bcm_an_ds_mean vs slug



Right In: 151.925+/-0.001 χ^2/NDF : 1181571.3/2

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

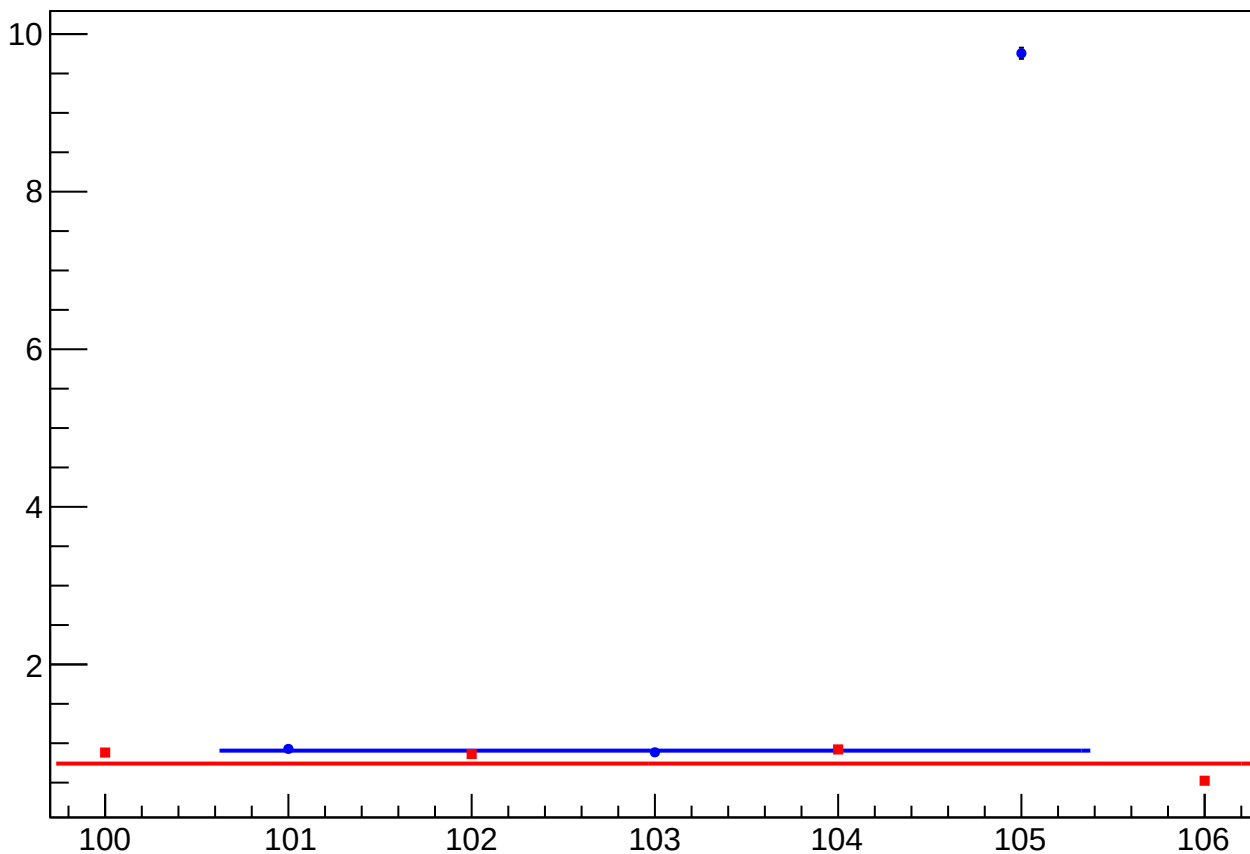
151.925+/-0.001 χ^2/NDF : 1181571.3/2

Right Out: 148.075+/-0.001 χ^2/NDF : 195342339.2/3

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

148.075+/-0.001 χ^2/NDF : 195342339.2/3

yield_bcm_an_ds_rms vs slug



Right In: 0.906+/-0.001 χ^2/NDF : 16976.7/2

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

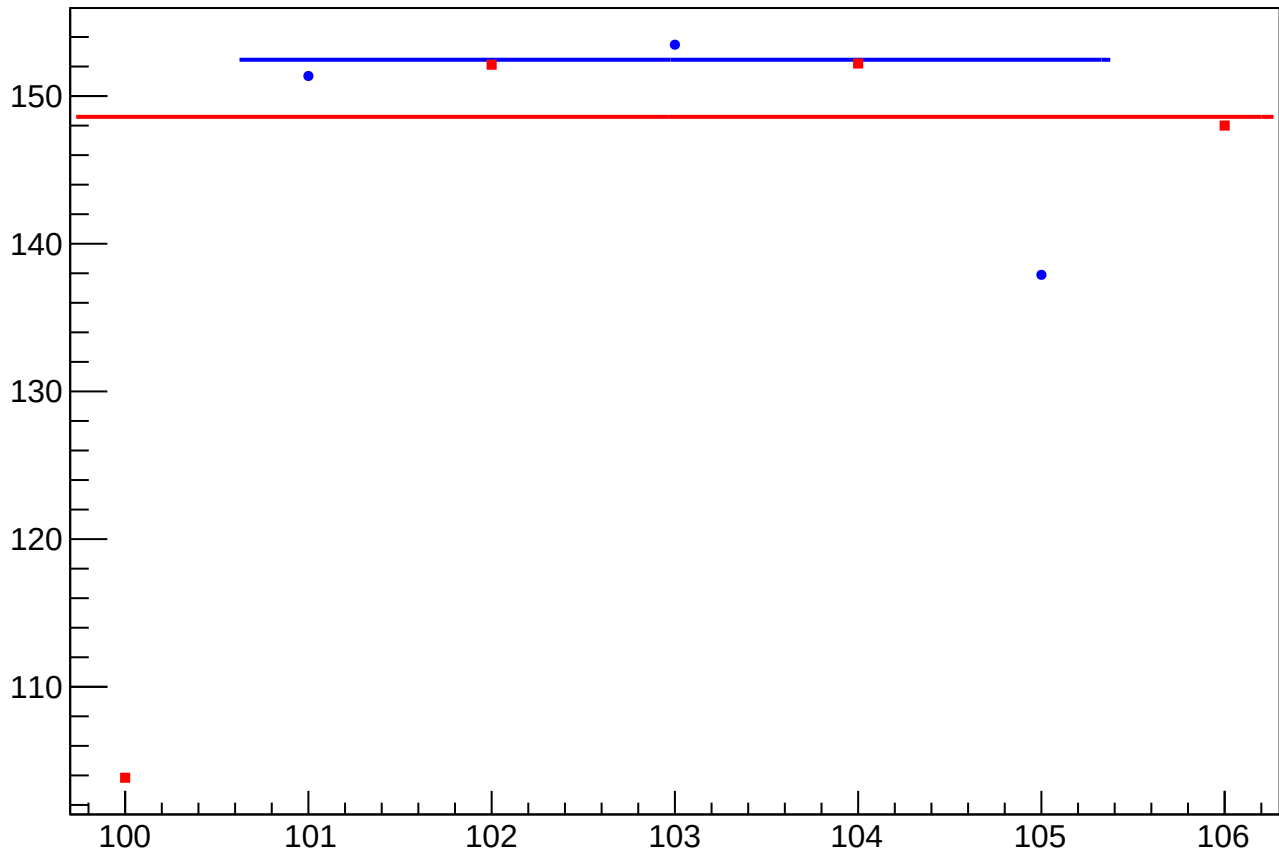
Right Out: 0.742+/-0.000 χ^2/NDF : 146933.1/3

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

0.906+/-0.001 χ^2/NDF : 16976.7/2

0.742+/-0.000 χ^2/NDF : 146933.1/3

yield_bcm_an_ds3_mean vs slug



Right In: 152.459+/-0.001 χ^2/NDF : 1539933.8/2

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

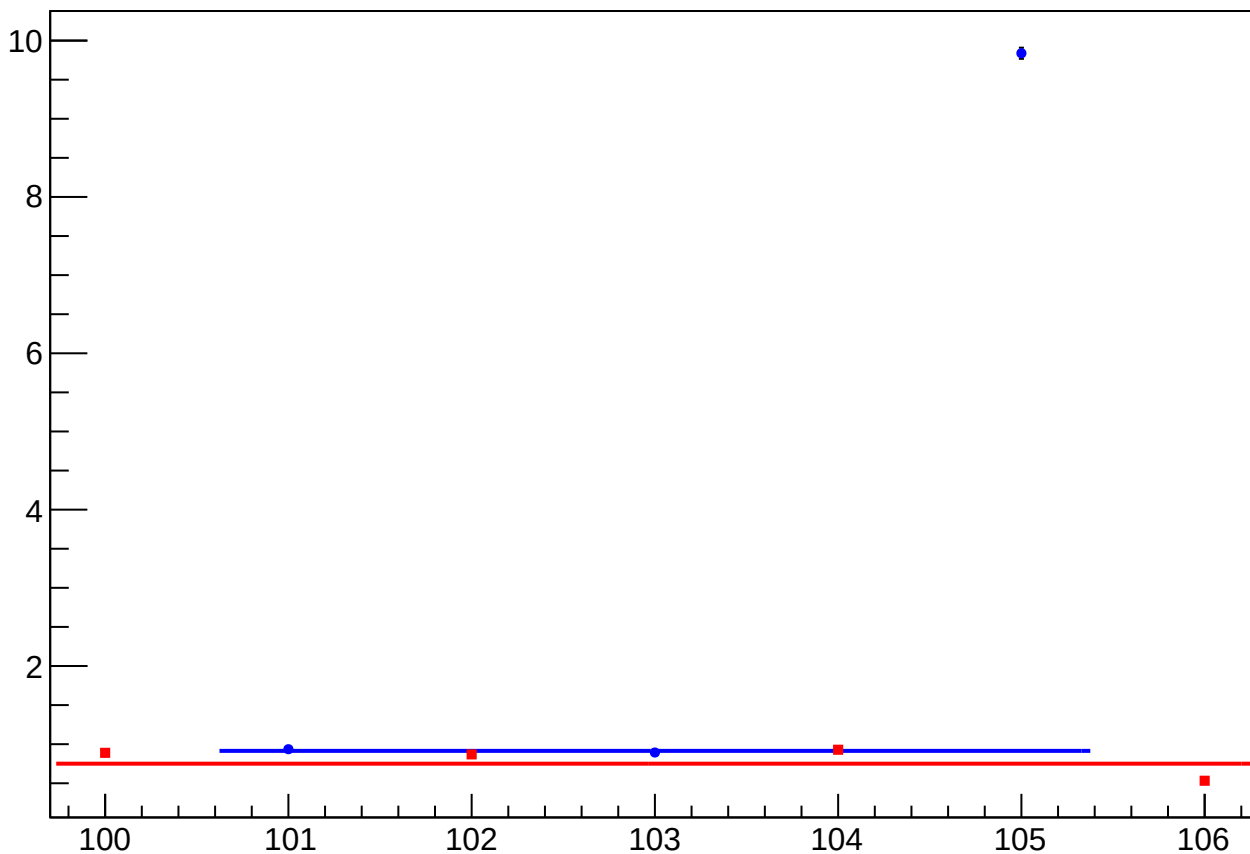
152.459+/-0.001 χ^2/NDF : 1539933.8/2

Right Out: 148.592+/-0.001 χ^2/NDF : 193410949.2/3

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

148.592+/-0.001 χ^2/NDF : 193410949.2/3

yield_bcm_an_ds3_rms vs slug



Right In: 0.914+/-0.001 χ^2/NDF : 16881.7/2

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

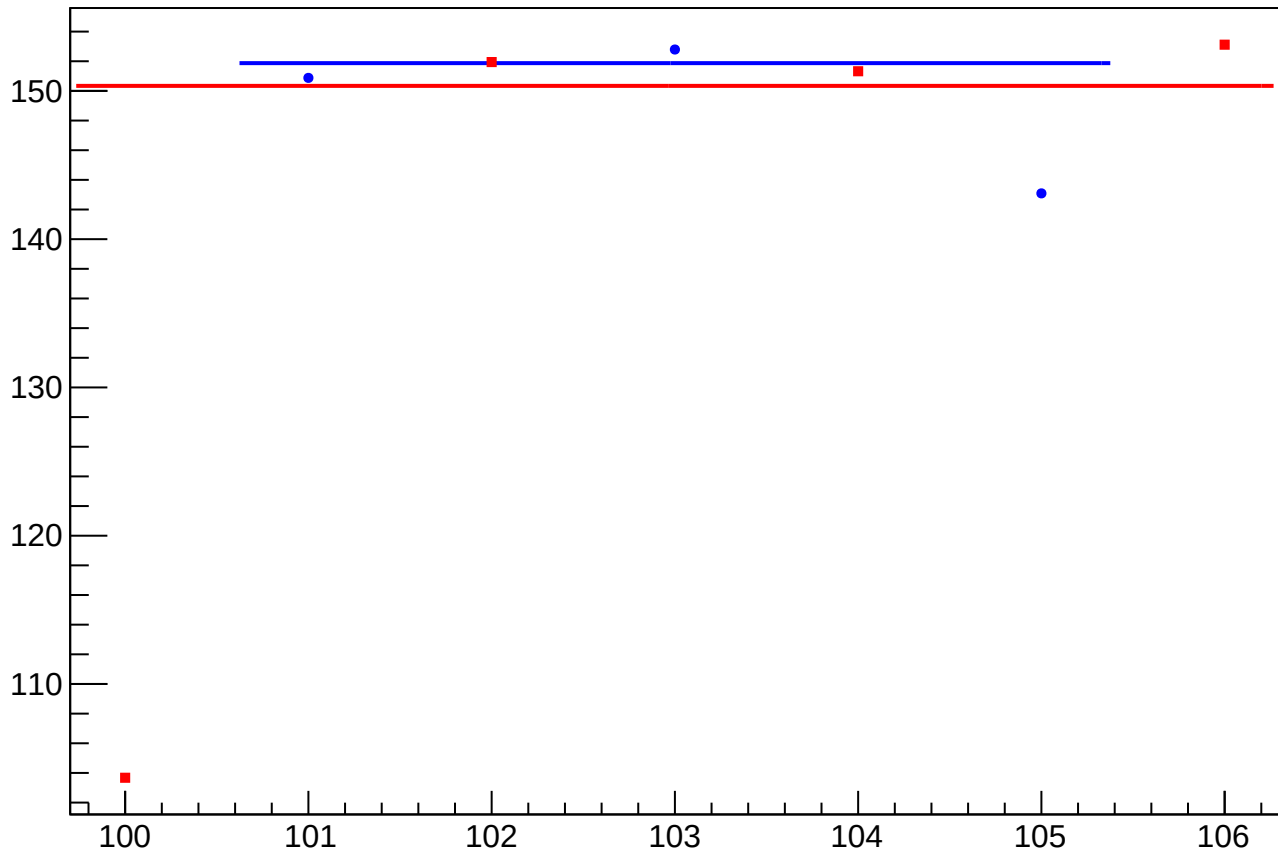
0.914+/-0.001 χ^2/NDF : 16881.7/2

Right Out: 0.751+/-0.000 χ^2/NDF : 142339.2/3

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

0.751+/-0.000 χ^2/NDF : 142339.2/3

yield_bcm_an_us_mean vs slug



Right In: 151.873 $\pm$ 0.001 χ^2 /NDF: 1252660.8/2

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

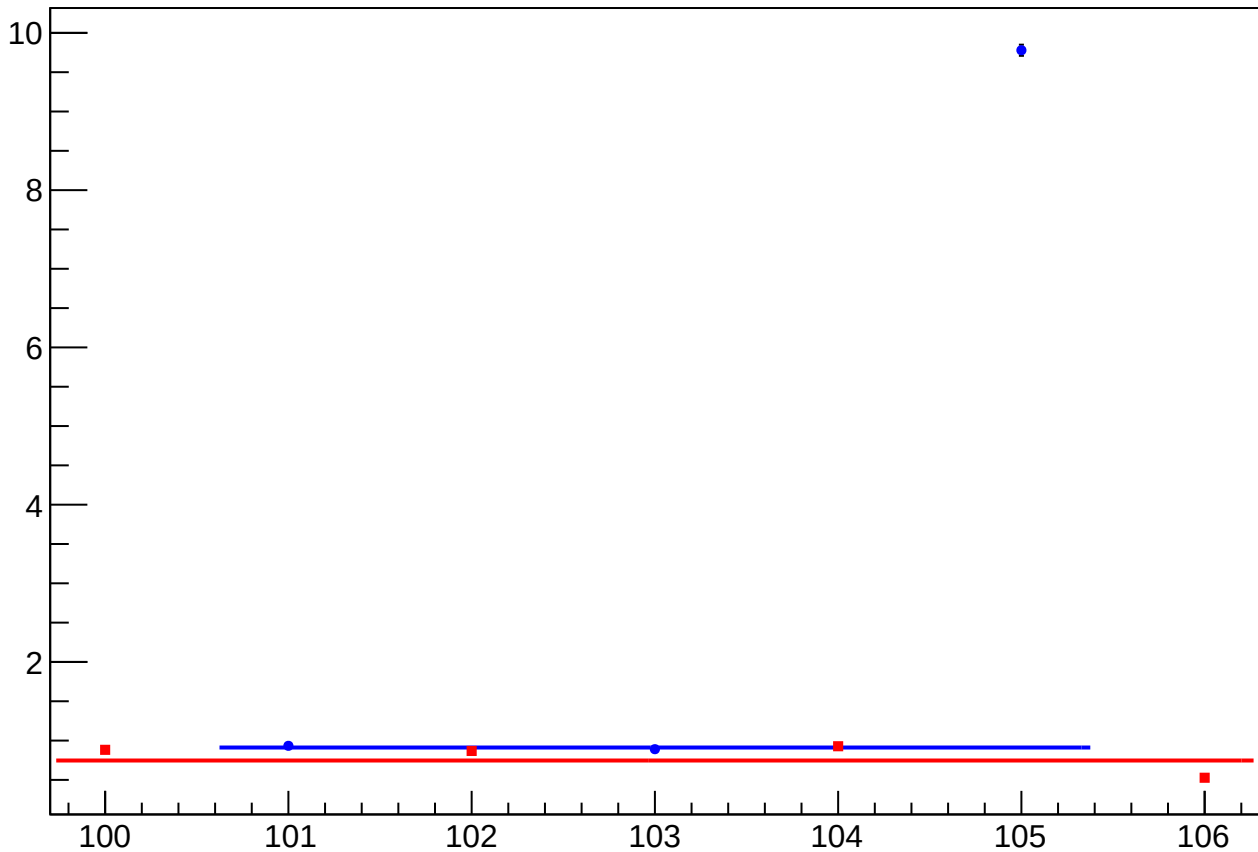
151.873 $\pm$ 0.001 χ^2 /NDF: 1252660.8/2

Right Out: 150.339 $\pm$ 0.001 χ^2 /NDF: 204973786.0/3

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

150.339 $\pm$ 0.001 χ^2 /NDF: 204973786.0/3

yield_bcm_an_us_rms vs slug



Right In: 0.912+/-0.001 χ^2/NDF : 16907.1/2

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

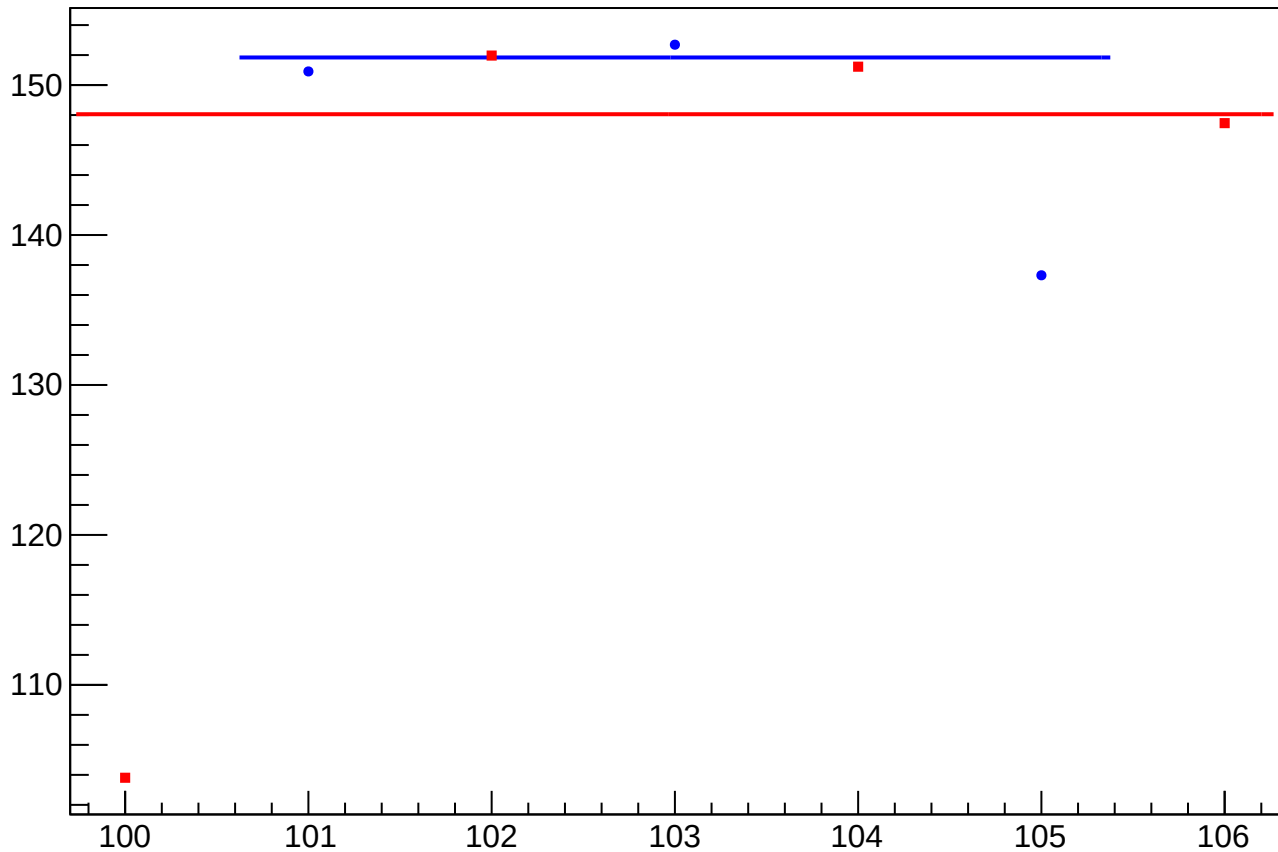
0.912+/-0.001 χ^2/NDF : 16907.1/2

Right Out: 0.747+/-0.000 χ^2/NDF : 146658.3/3

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

0.747+/-0.000 χ^2/NDF : 146658.3/3

yield_bcm_dg_us_mean vs slug



Right In: 151.840 $\pm$ 0.001 χ^2 /NDF: 1087721.5/2

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

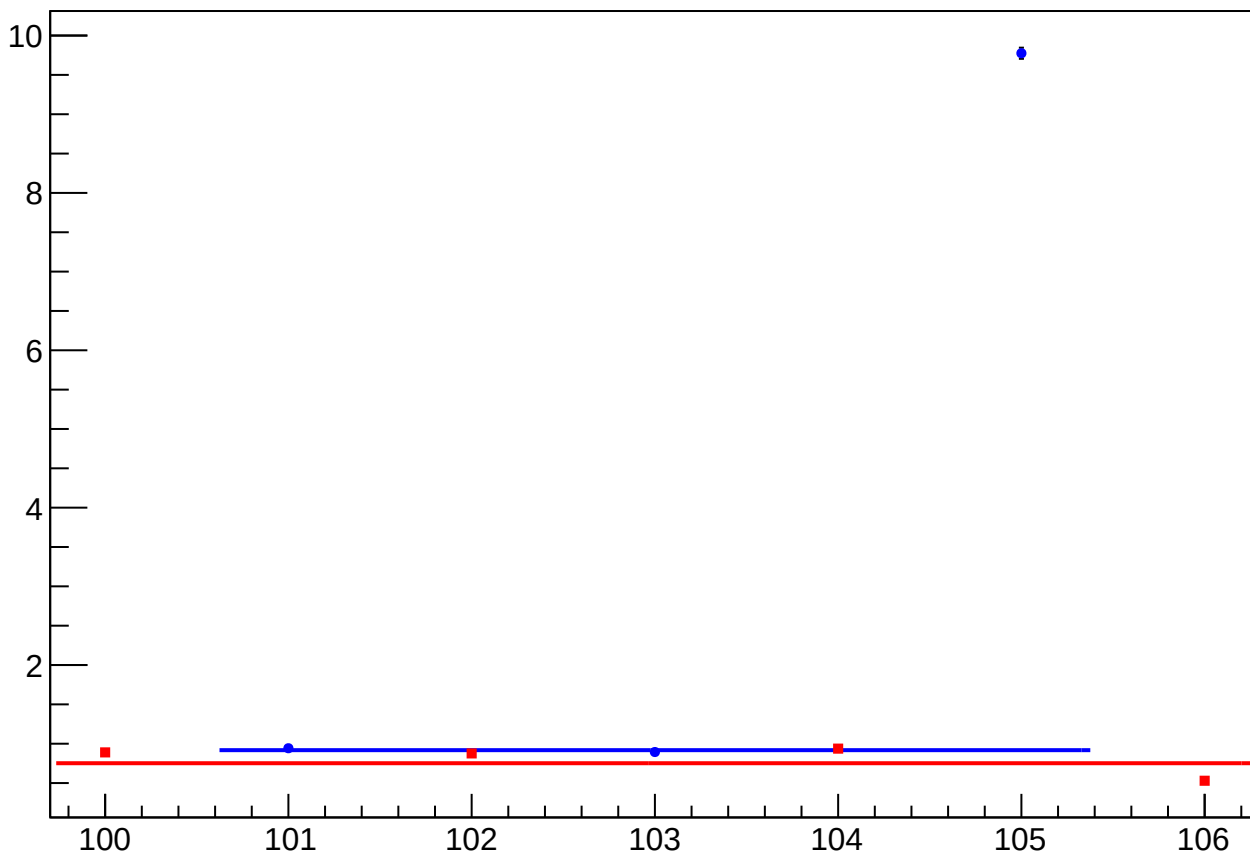
151.840 $\pm$ 0.001 χ^2 /NDF: 1087721.5/2

Right Out: 148.055 $\pm$ 0.001 χ^2 /NDF: 189454183.1/3

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

148.055 $\pm$ 0.001 χ^2 /NDF: 189454183.1/3

yield_bcm_dg_us_rms vs slug



Right In: 0.918 $\pm$ 0.001 χ^2 /NDF: 17187.9/2

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

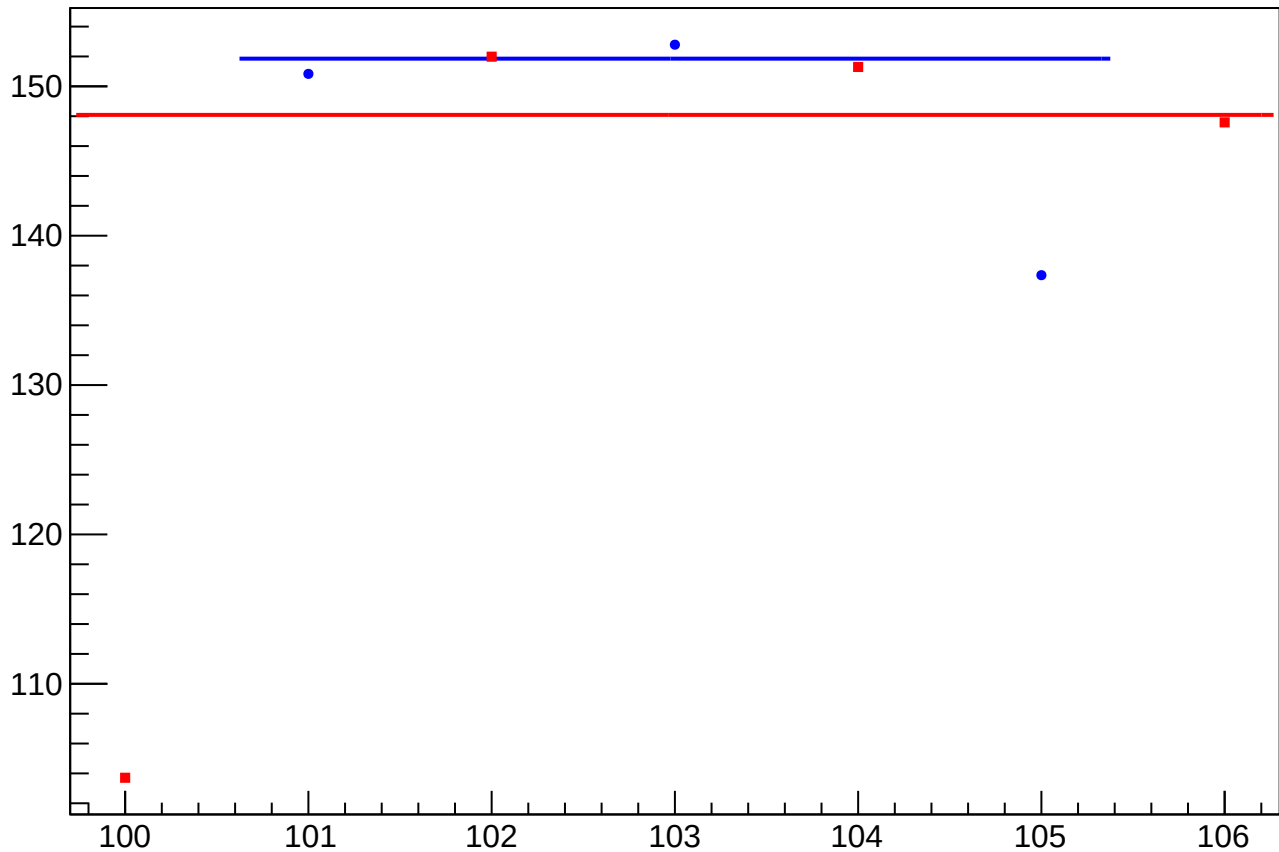
Right Out: 0.752 $\pm$ 0.000 χ^2 /NDF: 149872.7/3

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

0.918 $\pm$ 0.001 χ^2 /NDF: 17187.9/2

0.752 $\pm$ 0.000 χ^2 /NDF: 149872.7/3

yield_bcm_dg_ds_mean vs slug



Right In: 151.854 $\pm$ 0.001 χ^2 /NDF: 1282983.5/2

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

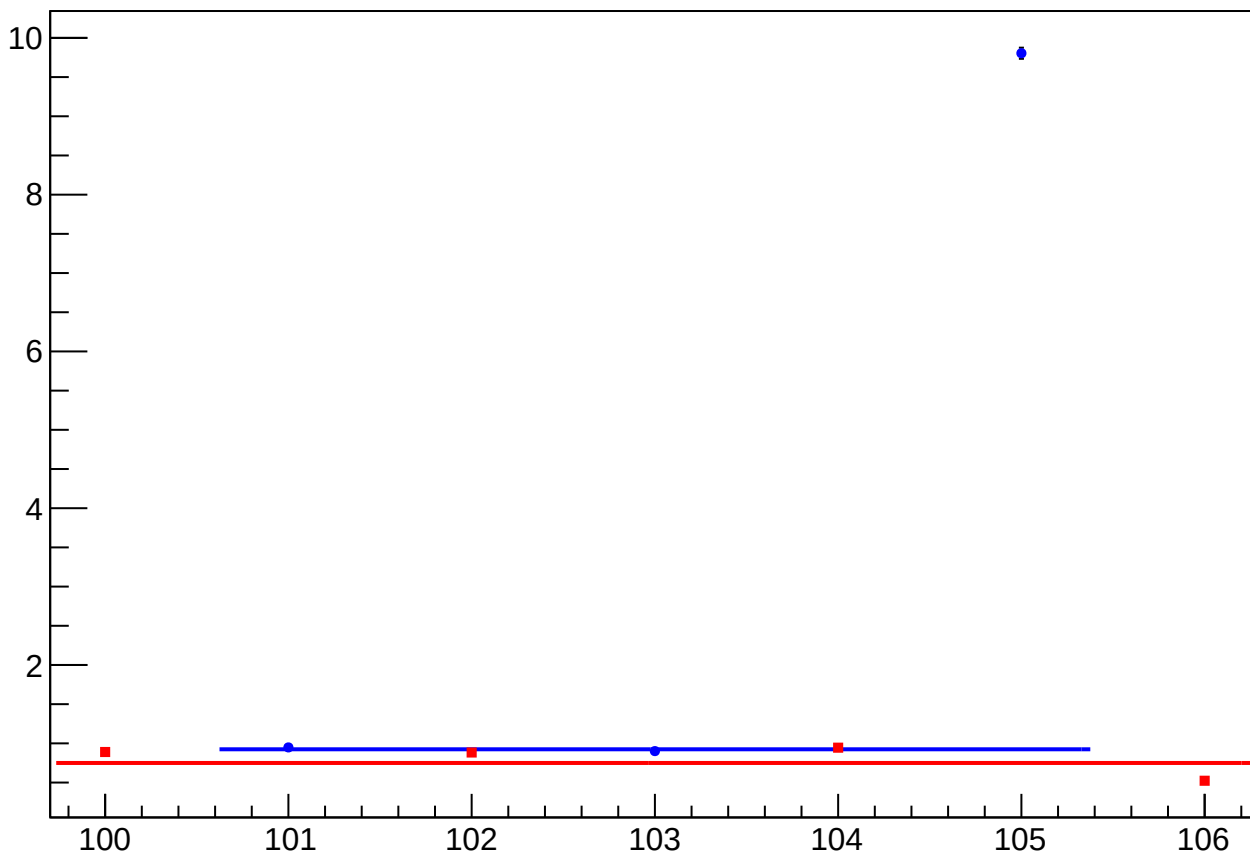
151.854 $\pm$ 0.001 χ^2 /NDF: 1282983.5/2

Right Out: 148.089 $\pm$ 0.001 χ^2 /NDF: 190261396.9/3

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

148.089 $\pm$ 0.001 χ^2 /NDF: 190261396.9/3

yield_bcm_dg_ds_rms vs slug



Right In: 0.924+/-0.001 χ^2/NDF : 17086.1/2

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

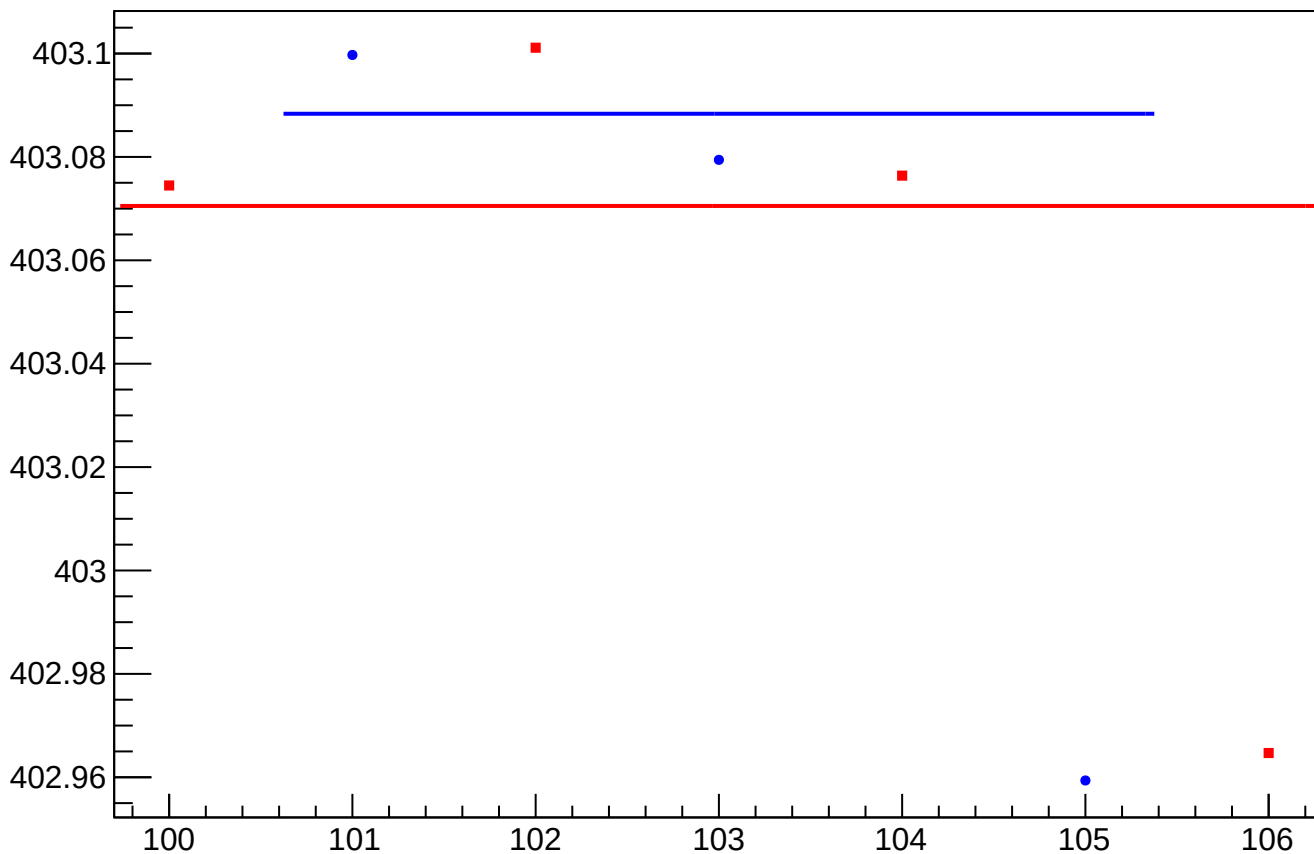
Right Out: 0.750+/-0.000 χ^2/NDF : 161595.2/3

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

0.924+/-0.001 χ^2/NDF : 17086.1/2

0.750+/-0.000 χ^2/NDF : 161595.2/3

yield_cav4bQ_mean vs slug



Right In: 403.088 $\pm$ 0.000 χ^2 /NDF: 7360732.4/2

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

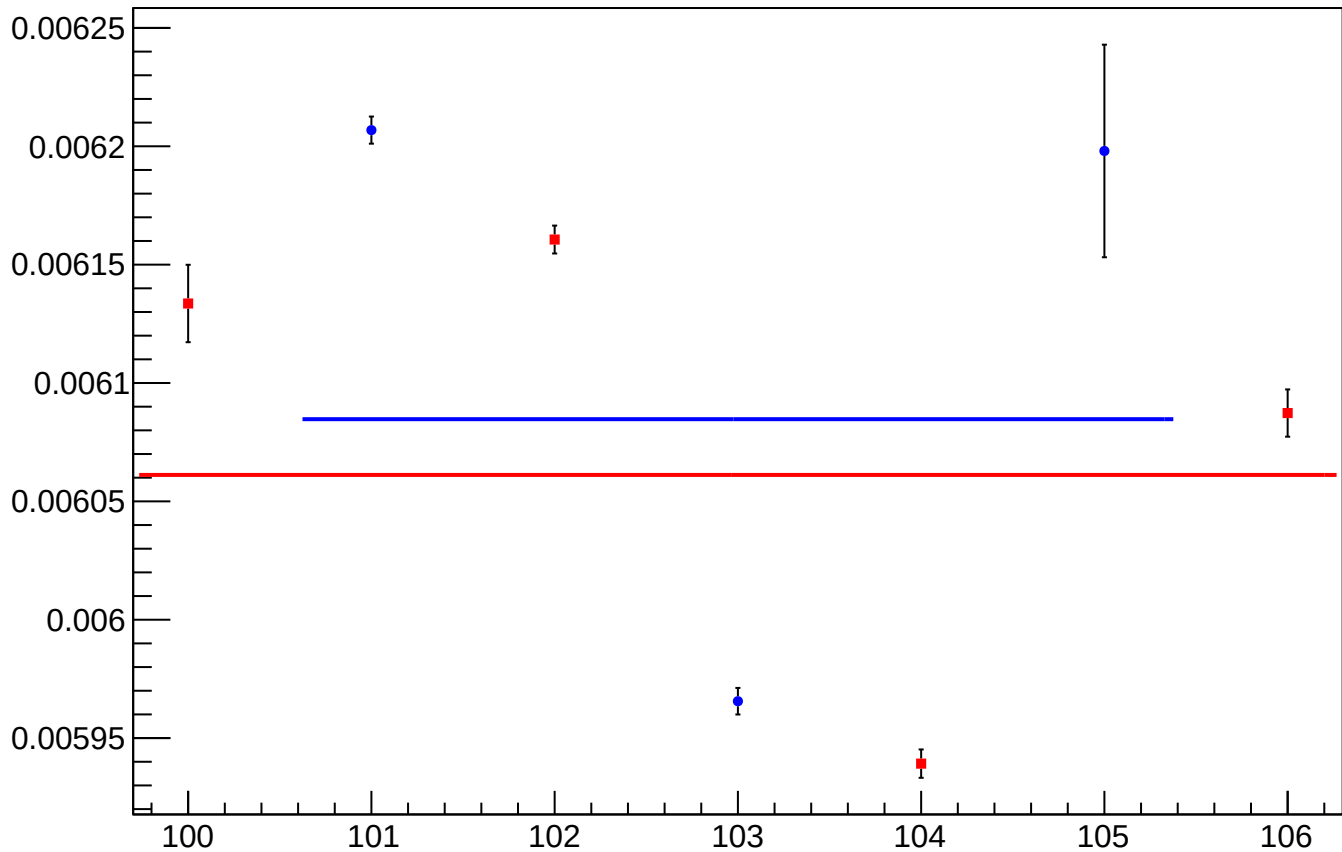
Right Out: 403.071 $\pm$ 0.000 χ^2 /NDF: 70150502.7/3

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

403.088 $\pm$ 0.000 χ^2 /NDF: 7360732.4/2

403.071 $\pm$ 0.000 χ^2 /NDF: 70150502.7/3

yield_cav4bQ_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 912.3/2

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

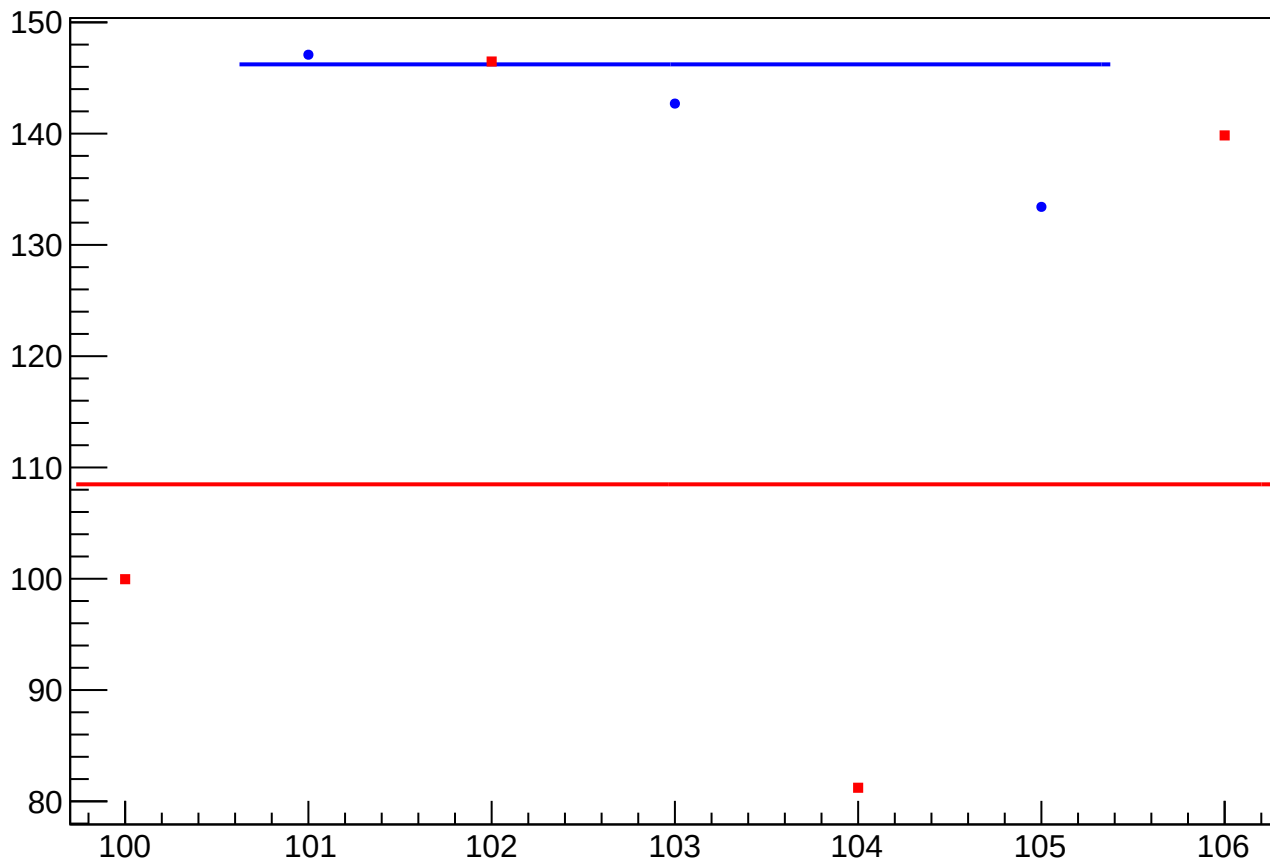
Right Out: 0.006+/-0.000 χ^2/NDF : 726.2/3

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

0.006+/-0.000 χ^2/NDF : 912.3/2

0.006+/-0.000 χ^2/NDF : 726.2/3

yield_cav4cQ_mean vs slug



Right In: 146.224 $\pm$ 0.003 χ^2 /NDF: 324640.3/2

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

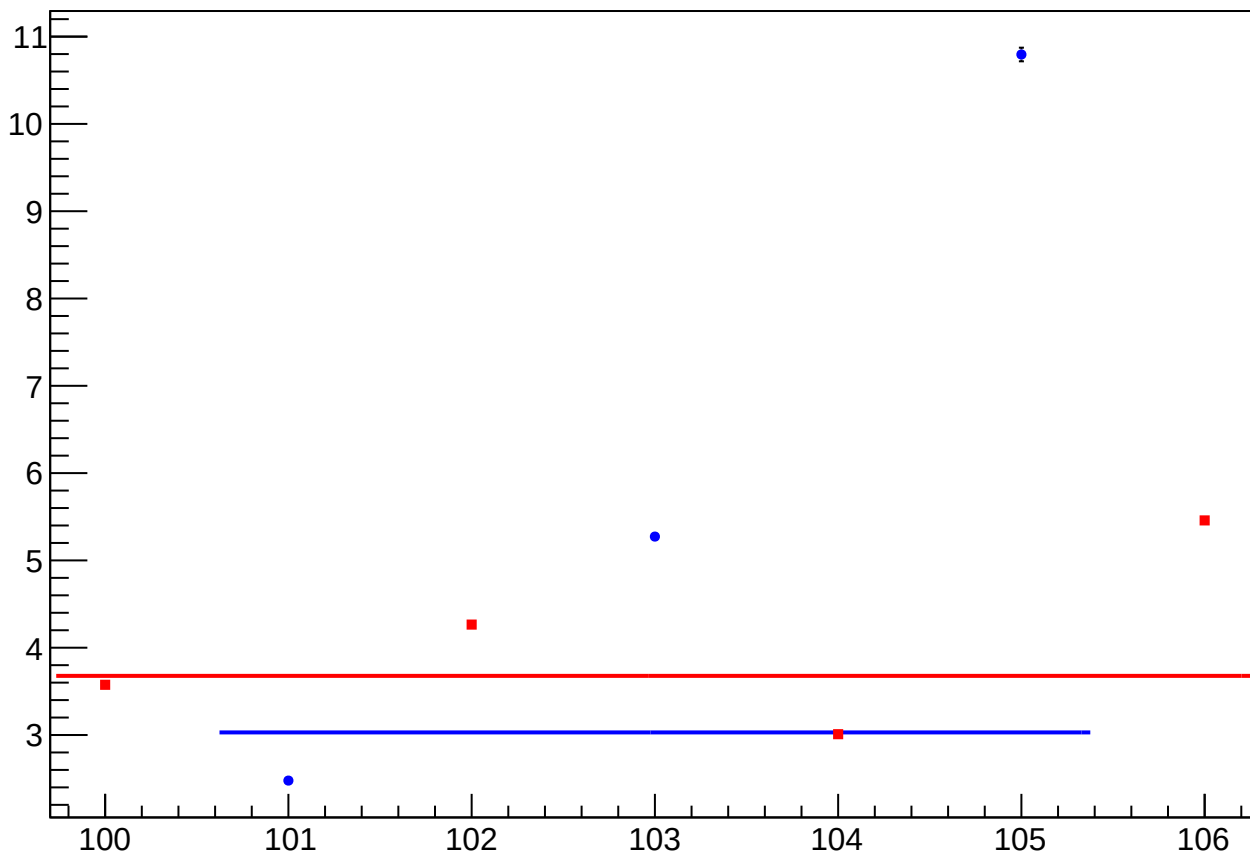
Right Out: 108.485 $\pm$ 0.003 χ^2 /NDF: 85207240.3/3

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

146.224 $\pm$ 0.003 χ^2 /NDF: 324640.3/2

108.485 $\pm$ 0.003 χ^2 /NDF: 85207240.3/3

yield_cav4cQ_rms vs slug



Right In: 3.030+/-0.002 χ^2/NDF : 261961.7/2

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

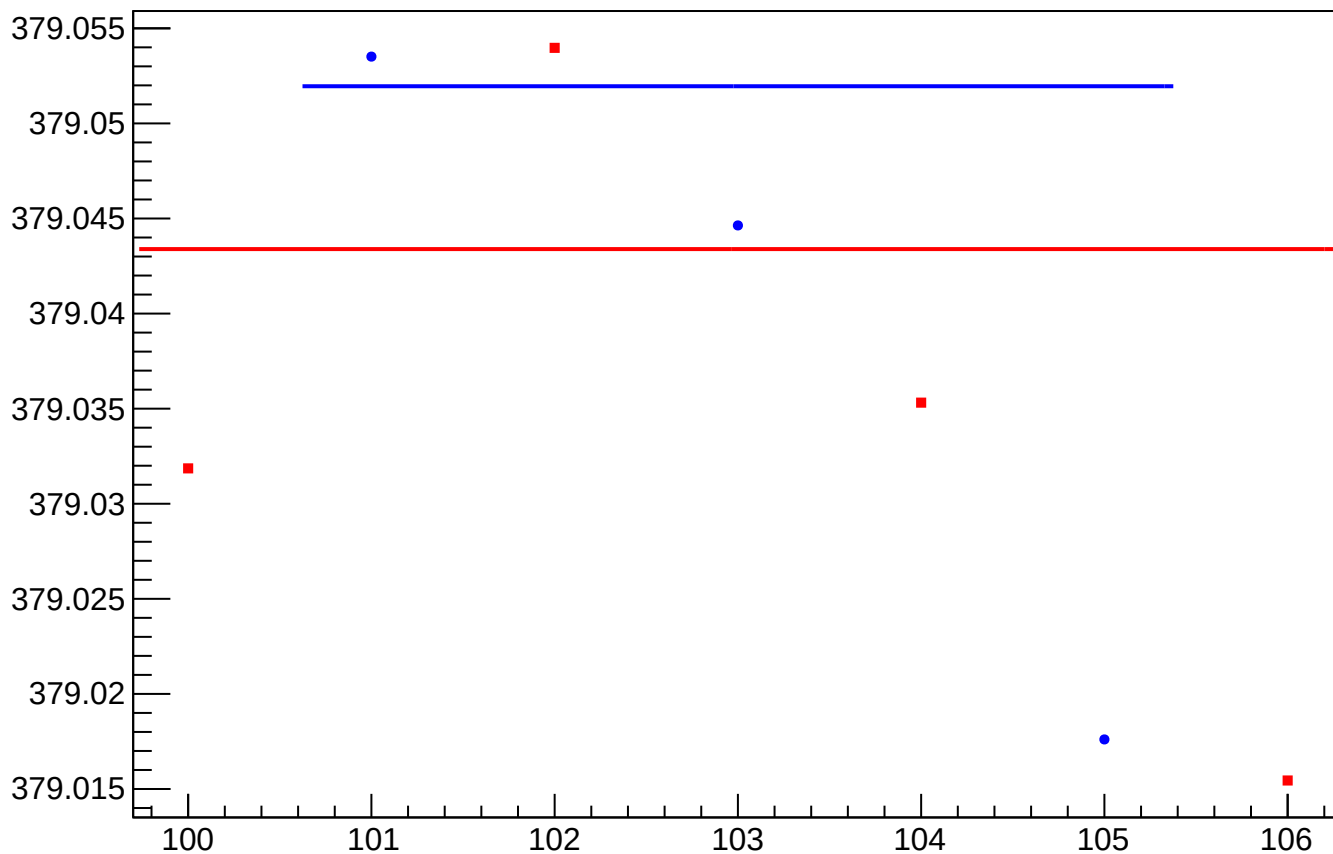
Right Out: 3.677+/-0.002 χ^2/NDF : 118893.0/3

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

3.030+/-0.002 χ^2/NDF : 261961.7/2

3.677+/-0.002 χ^2/NDF : 118893.0/3

yield_cav4dQ_mean vs slug



Right In: 379.052 $\pm$ 0.000 χ^2 /NDF: 342107.1/2

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

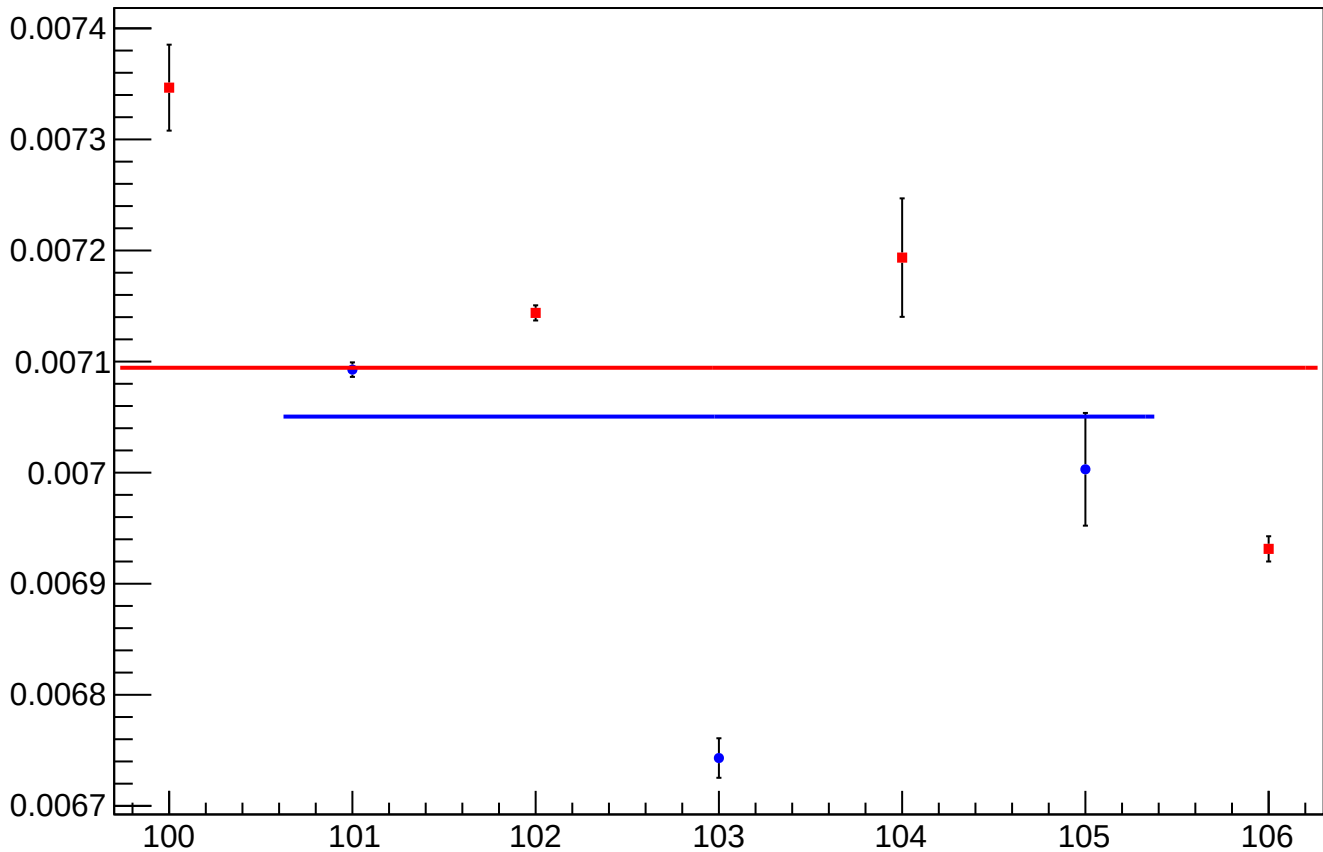
Right Out: 379.043 $\pm$ 0.000 χ^2 /NDF: 4276949.0/3

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

379.052 $\pm$ 0.000 χ^2 /NDF: 342107.1/2

379.043 $\pm$ 0.000 χ^2 /NDF: 4276949.0/3

yield_cav4dQ_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 341.0/2

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

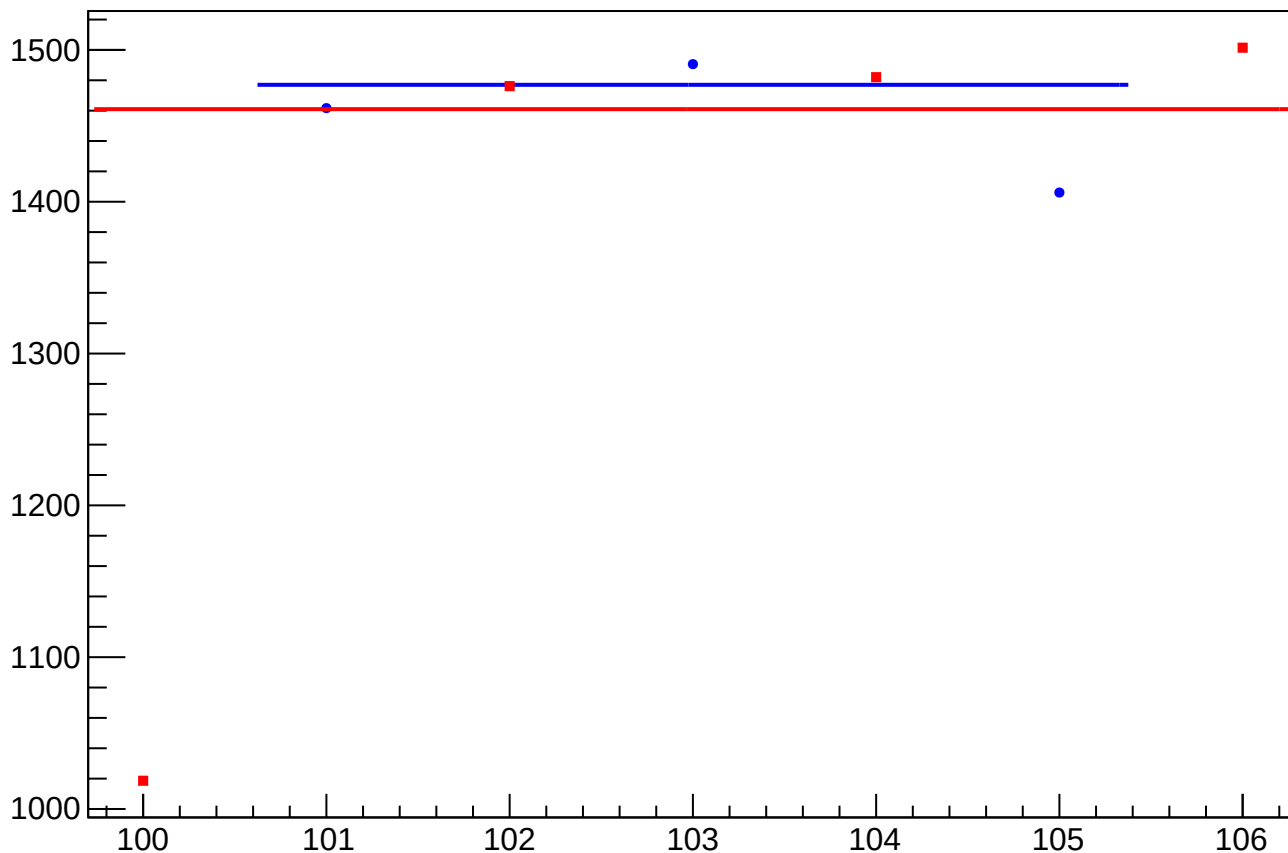
Right Out: 0.007+/-0.000 χ^2/NDF : 303.9/3

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

0.007+/-0.000 χ^2/NDF : 341.0/2

0.007+/-0.000 χ^2/NDF : 303.9/3

yield_bcm0l02_mean vs slug



Right In: 1477.017 $\pm$ 0.011 χ^2 /NDF: 1643399.1/2

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

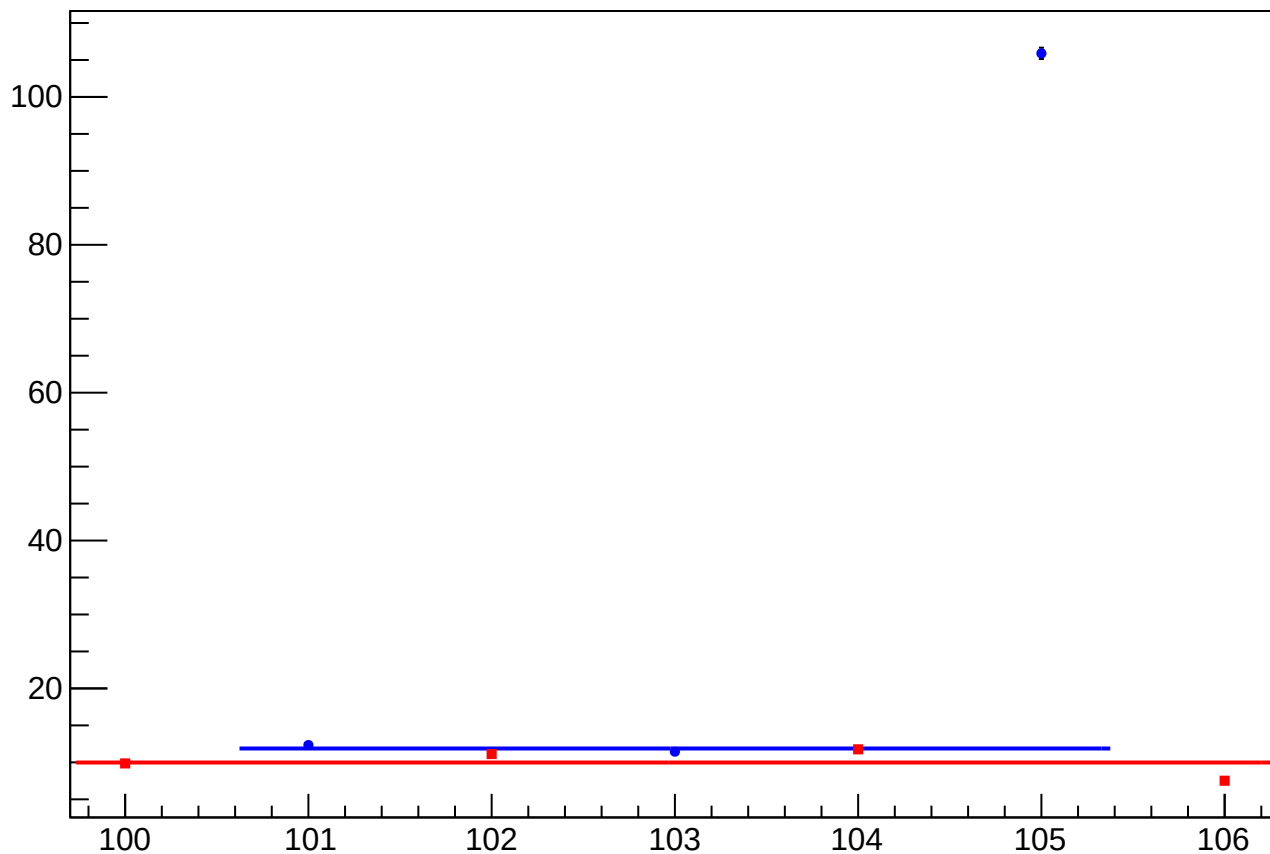
Right Out: 1460.982 $\pm$ 0.009 χ^2 /NDF: 146348042.8/3

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

1477.017 $\pm$ 0.011 χ^2 /NDF: 1643399.1/2

1460.982 $\pm$ 0.009 χ^2 /NDF: 146348042.8/3

yield_bcm0l02_rms vs slug



Right In: 11.875+/-0.008 χ^2/NDF : 18175.4/2

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

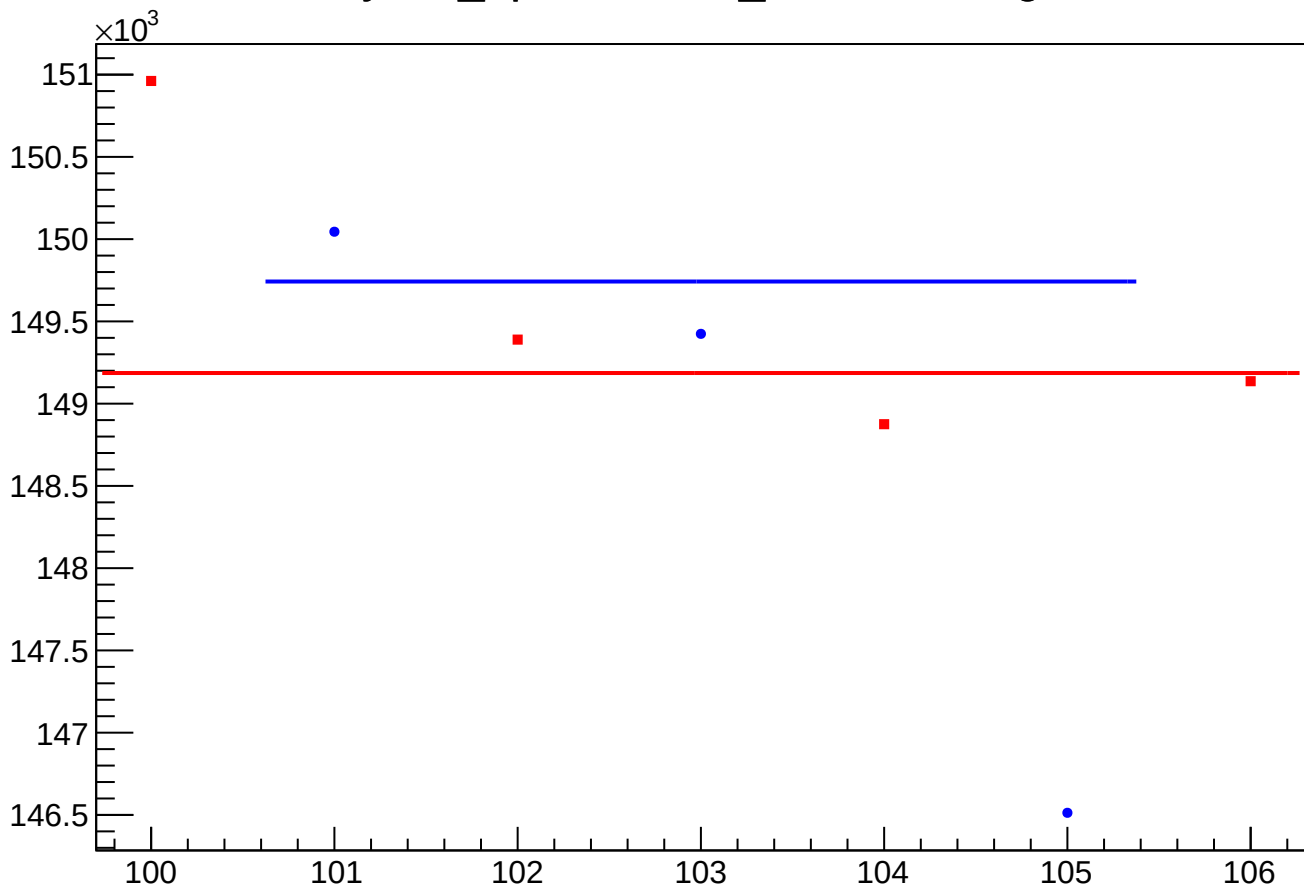
Right Out: 9.979+/-0.006 χ^2/NDF : 84552.0/3

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

11.875+/-0.008 χ^2/NDF : 18175.4/2

9.979+/-0.006 χ^2/NDF : 84552.0/3

yield_bpm0i01WS_mean vs slug



Right In: 149742.420 $\pm$ 0.370 χ^2 /NDF: 980468.9/2

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

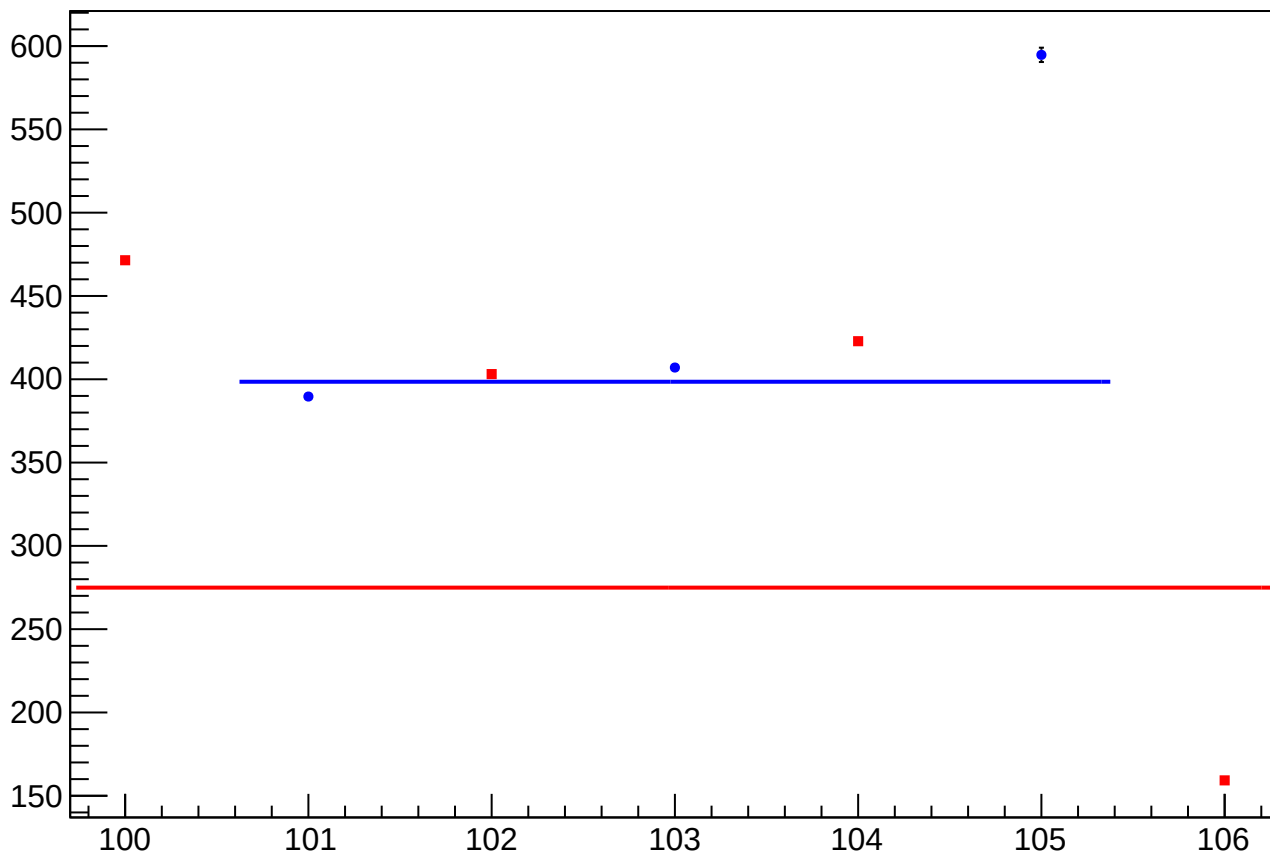
149742.420 $\pm$ 0.370 χ^2 /NDF: 980468.9/2

Right Out: 149186.240 $\pm$ 0.265 χ^2 /NDF: 1417202.1/3

149186.240 $\pm$ 0.265 χ^2 /NDF: 1417202.1/3

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

yield_bpm0i01WS_rms vs slug



Right In: 398.513 $\pm$ 0.262 χ^2 /NDF: 3180.8/2

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

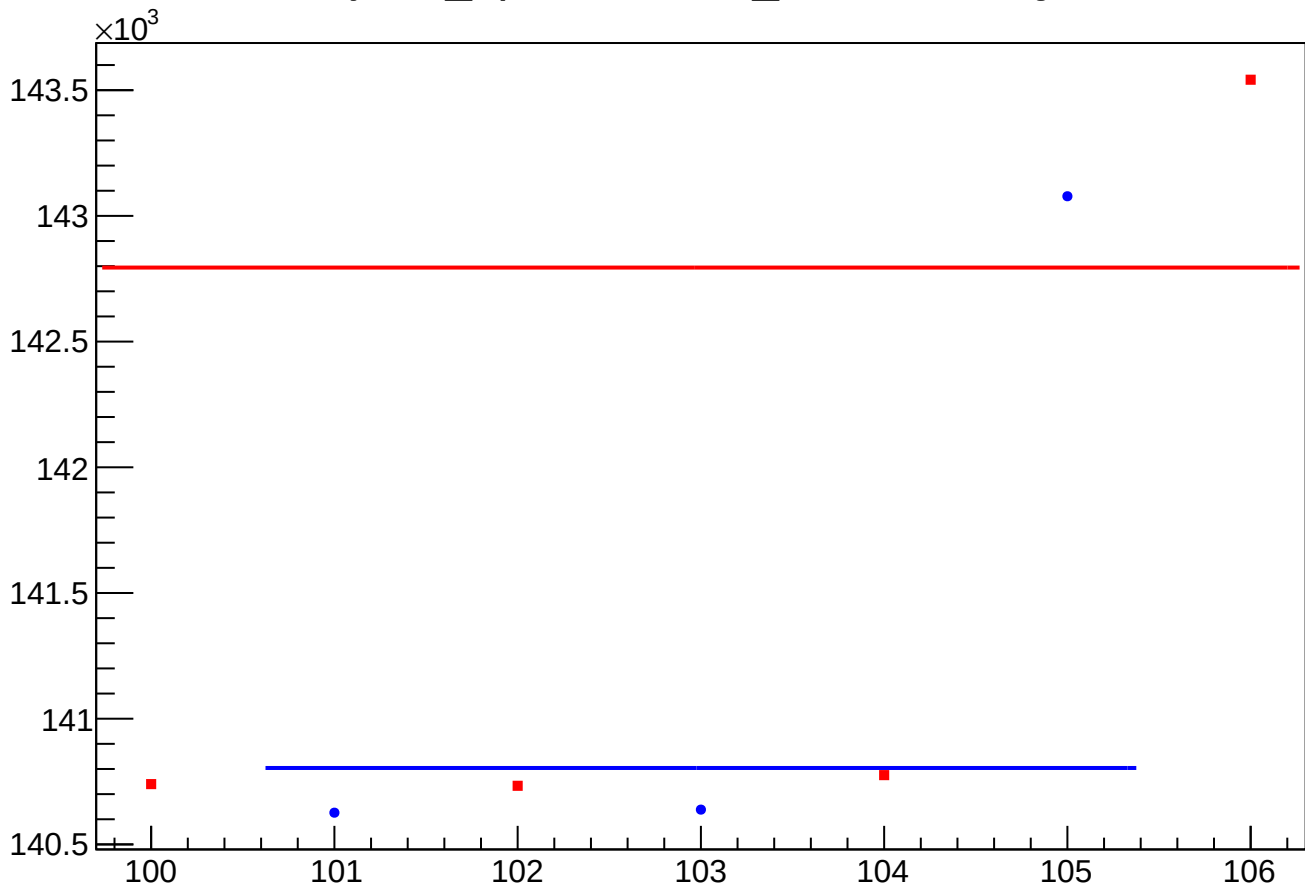
398.513 $\pm$ 0.262 χ^2 /NDF: 3180.8/2

Right Out: 274.940 $\pm$ 0.188 χ^2 /NDF: 463082.0/3

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

274.940 $\pm$ 0.188 χ^2 /NDF: 463082.0/3

yield_bpm0i01aWS_mean vs slug



Right In: 140803.998 $\pm$ 0.332 χ^2 /NDF: 3551374.3/2

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

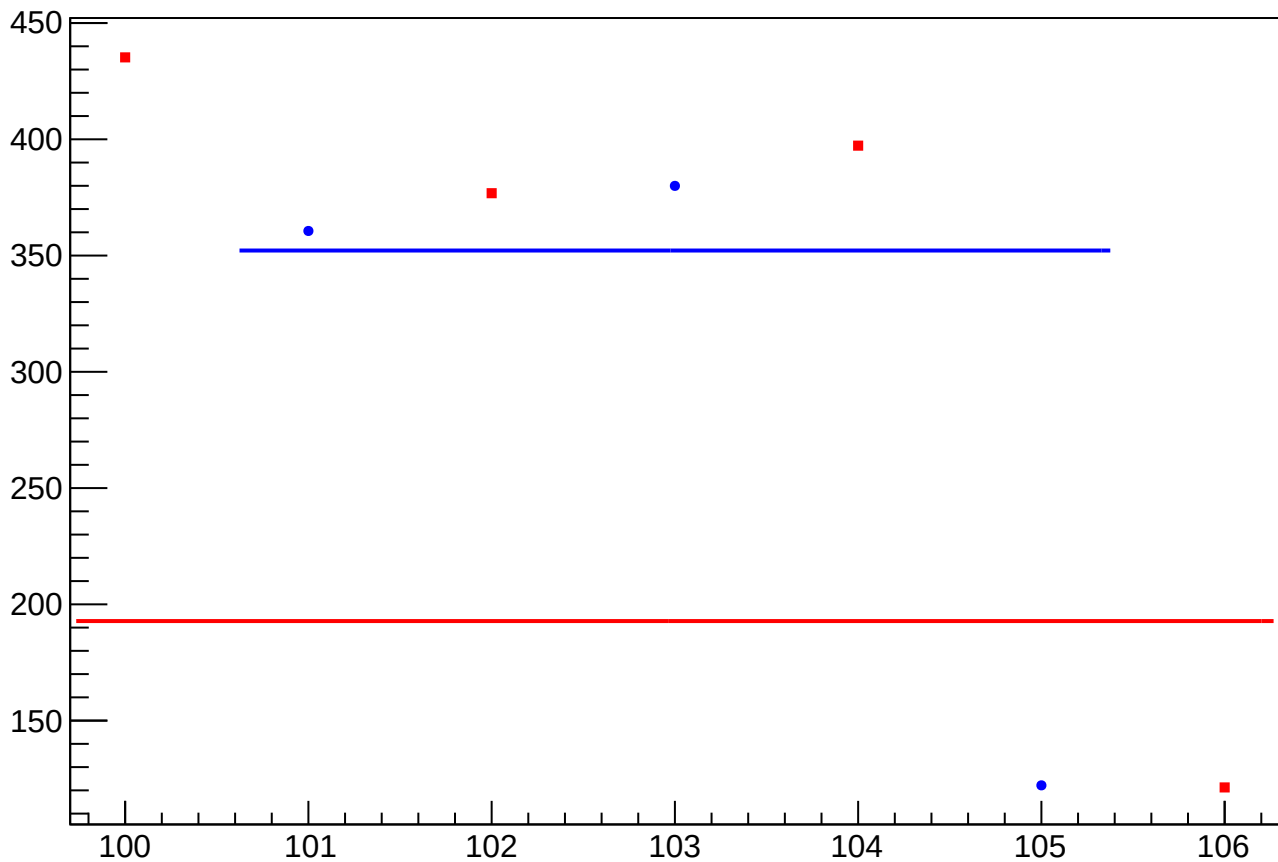
140803.998 $\pm$ 0.332 χ^2 /NDF: 3551374.3/2

Right Out: 142794.434 $\pm$ 0.191 χ^2 /NDF: 41775482.1/3

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

142794.434 $\pm$ 0.191 χ^2 /NDF: 41775482.1/3

yield_bpm0i01aWS_rms vs slug



Right In: 352.169+/-0.235 χ^2/NDF : 74233.2/2

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

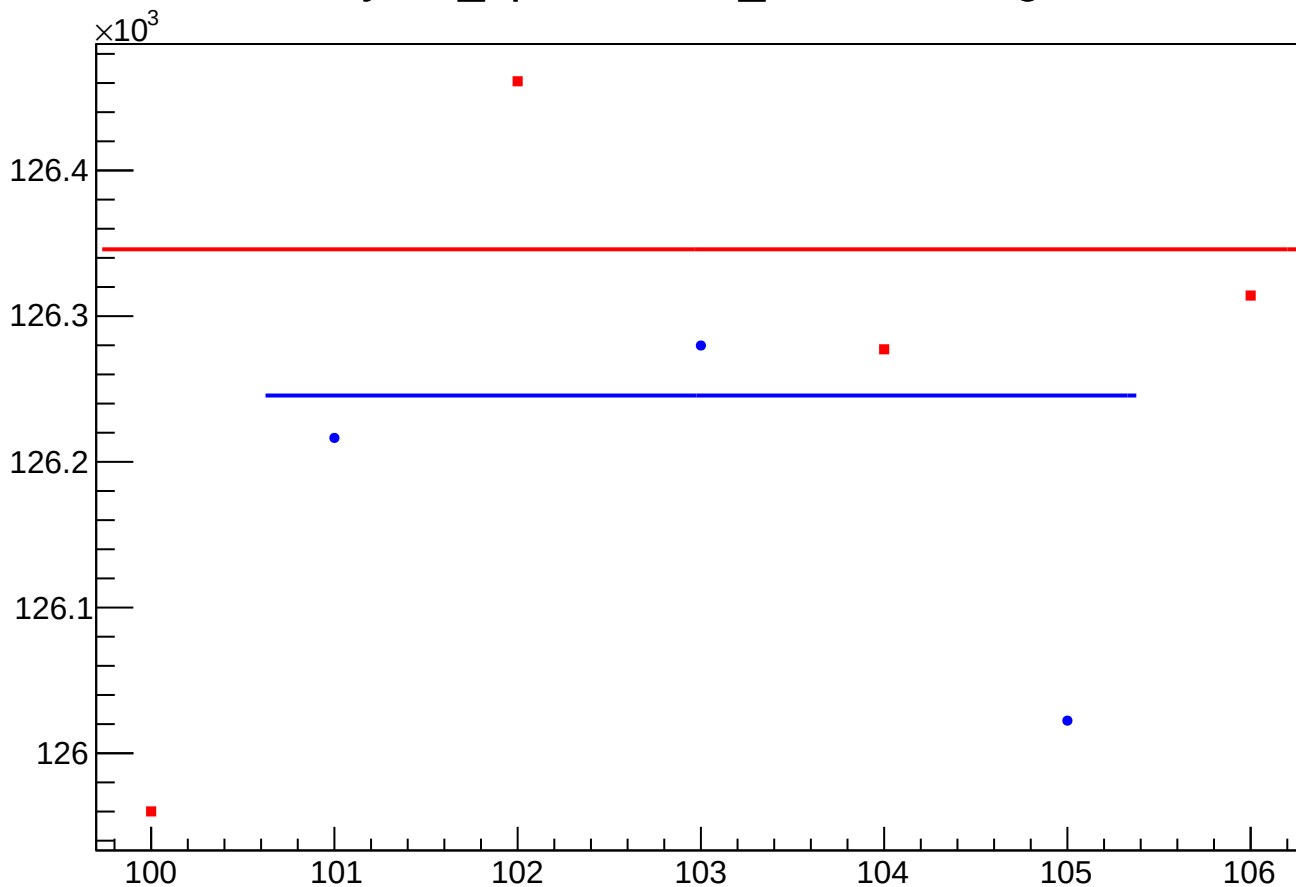
352.169+/-0.235 χ^2/NDF : 74233.2/2

Right Out: 192.811+/-0.135 χ^2/NDF : 769349.1/3

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

192.811+/-0.135 χ^2/NDF : 769349.1/3

yield_bpm0l01WS_mean vs slug



Right In: 126245.532 $\pm$ 0.284 χ^2 /NDF: 17142.6/2

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

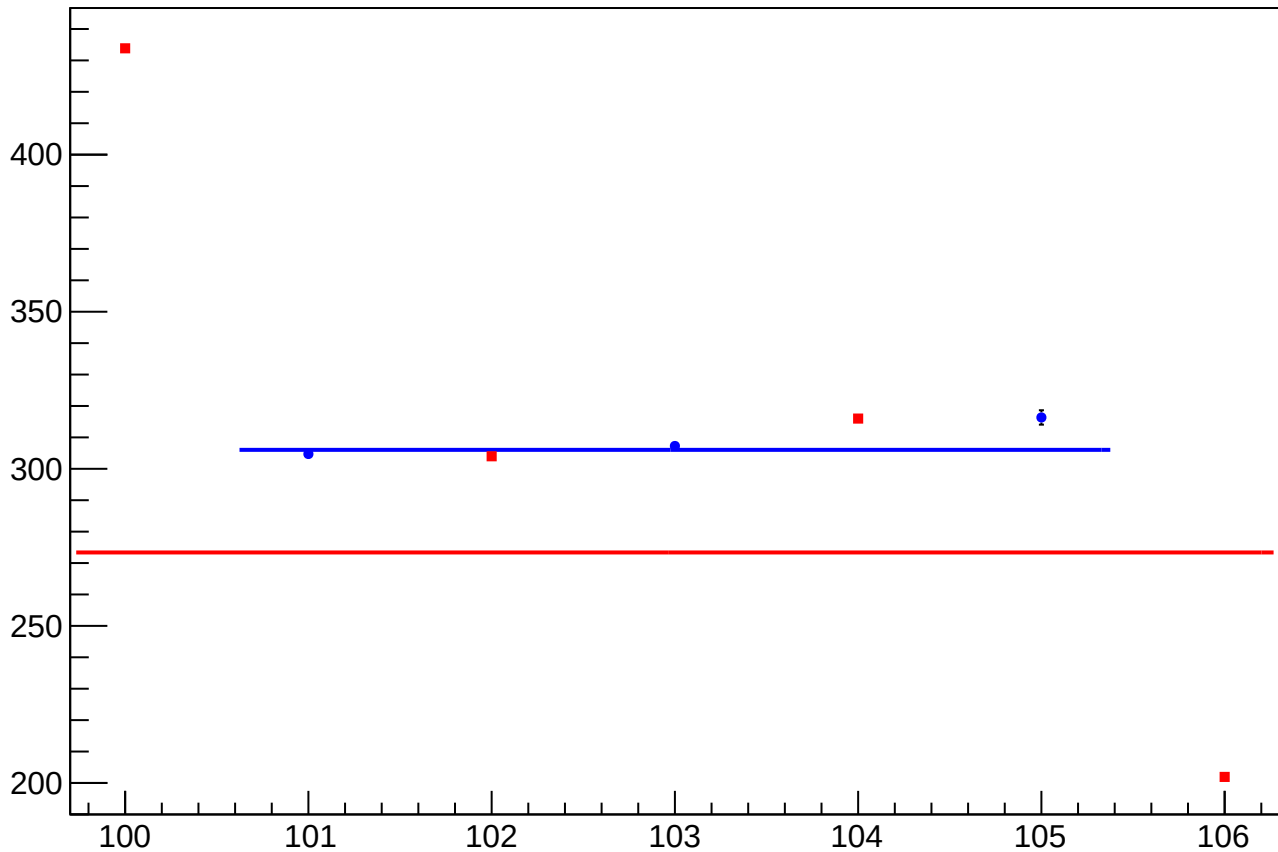
Right Out: 126345.878 $\pm$ 0.239 χ^2 /NDF: 163457.4/3

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

126245.532 $\pm$ 0.284 χ^2 /NDF: 17142.6/2

126345.878 $\pm$ 0.239 χ^2 /NDF: 163457.4/3

yield_bpm0l01WS_rms vs slug



Right In: 306.033+/-0.201 χ^2/NDF : 60.6/2

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

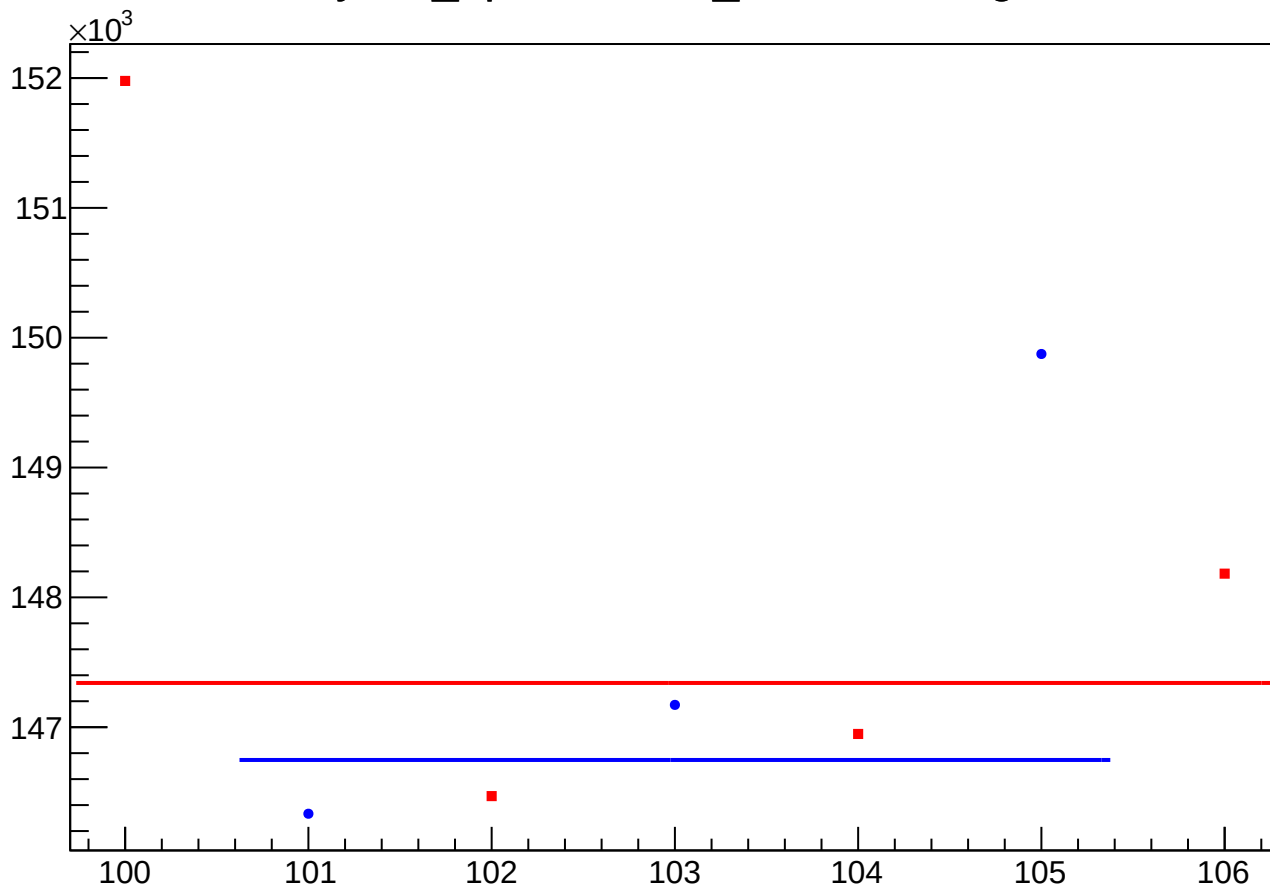
Right Out: 273.370+/-0.169 χ^2/NDF : 112450.4/3

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

306.033+/-0.201 χ^2/NDF : 60.6/2

273.370+/-0.169 χ^2/NDF : 112450.4/3

yield_bpm0l02WS_mean vs slug



Right In: 146747.479 $\pm$ 0.388 χ^2 /NDF: 1406783.3/2

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

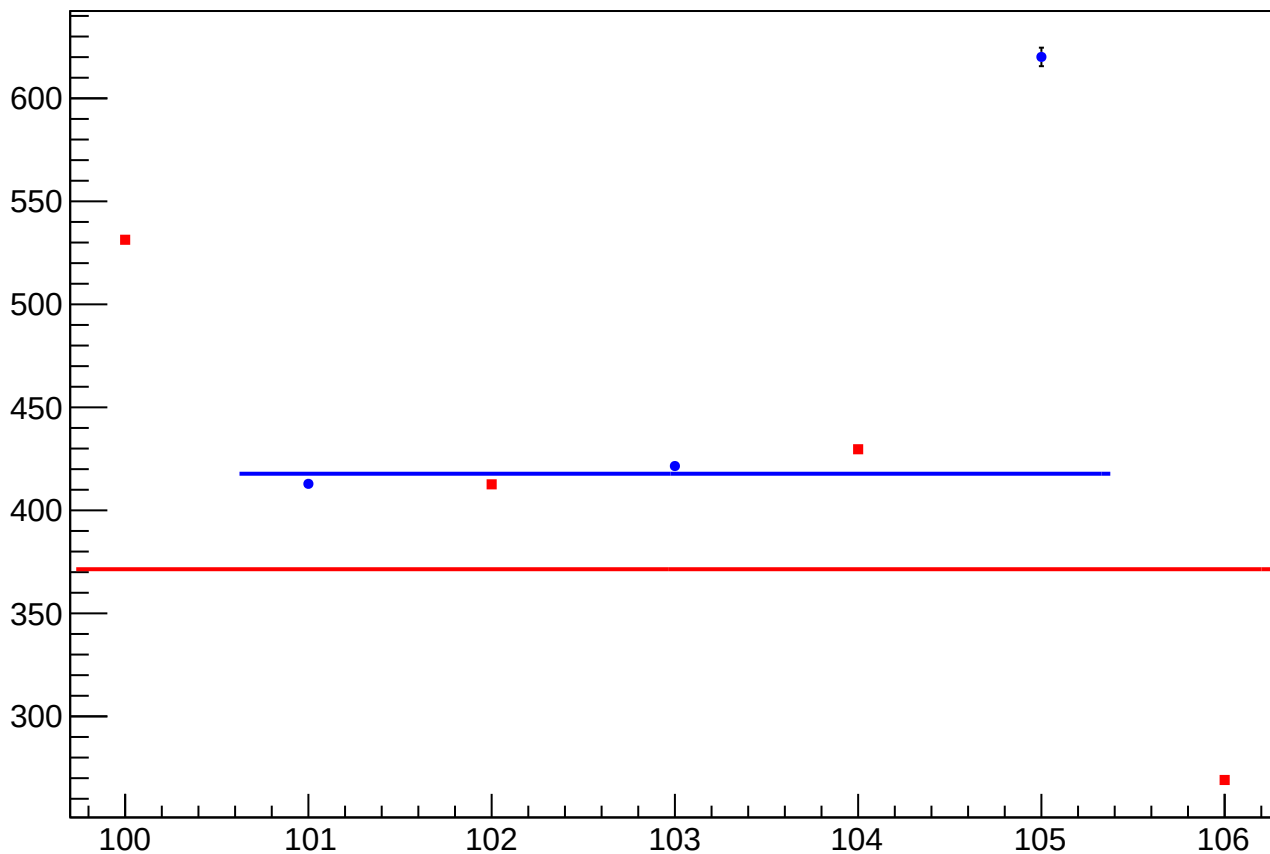
Right Out: 147340.678 $\pm$ 0.328 χ^2 /NDF: 10449190.1/3

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

146747.479 $\pm$ 0.388 χ^2 /NDF: 1406783.3/2

147340.678 $\pm$ 0.328 χ^2 /NDF: 10449190.1/3

yield_bpm0l02WS_rms vs slug



Right In: 417.779 $\pm$ 0.274 χ^2 /NDF: 2282.7/2

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

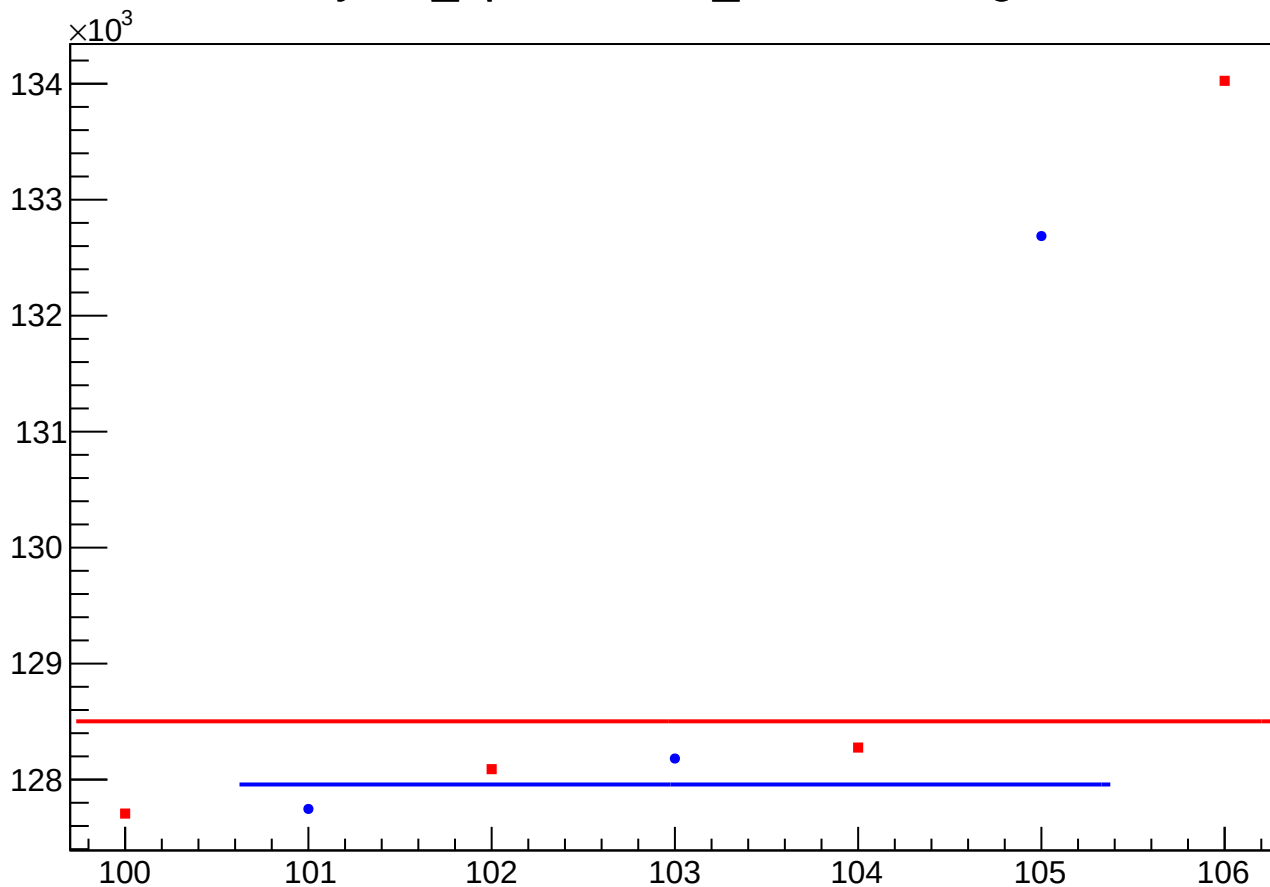
417.779 $\pm$ 0.274 χ^2 /NDF: 2282.7/2

Right Out: 371.430 $\pm$ 0.232 χ^2 /NDF: 108542.3/3

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

371.430 $\pm$ 0.232 χ^2 /NDF: 108542.3/3

yield_bpm0l03WS_mean vs slug



Right In: 127957.732 $\pm$ 0.294 χ^2 /NDF: 602680.6/2

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

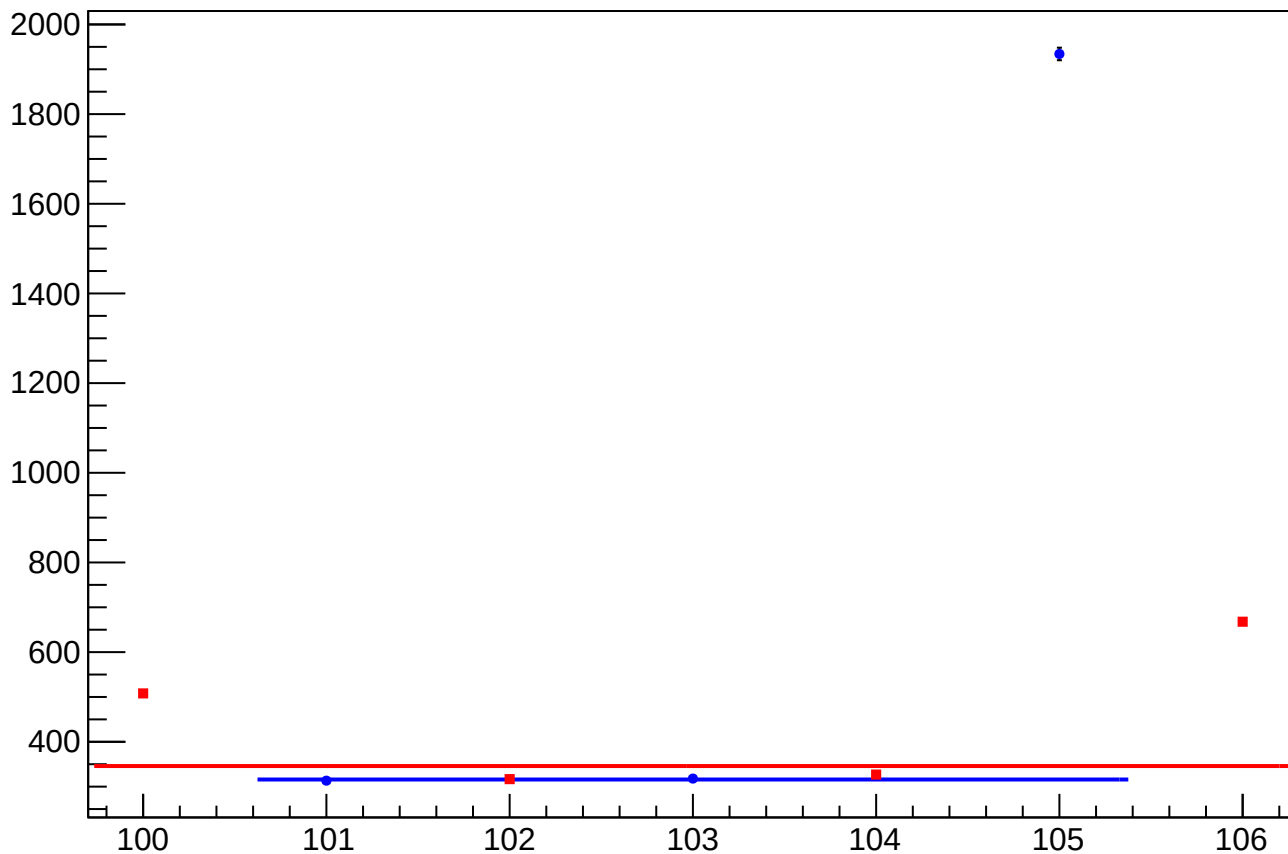
Right Out: 128502.346 $\pm$ 0.303 χ^2 /NDF: 20526351.9/3

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

127957.732 $\pm$ 0.294 χ^2 /NDF: 602680.6/2

128502.346 $\pm$ 0.303 χ^2 /NDF: 20526351.9/3

yield_bpm0l03WS_rms vs slug



Right In: 315.907 $\pm$ 0.208 χ^2 /NDF: 13463.3/2

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

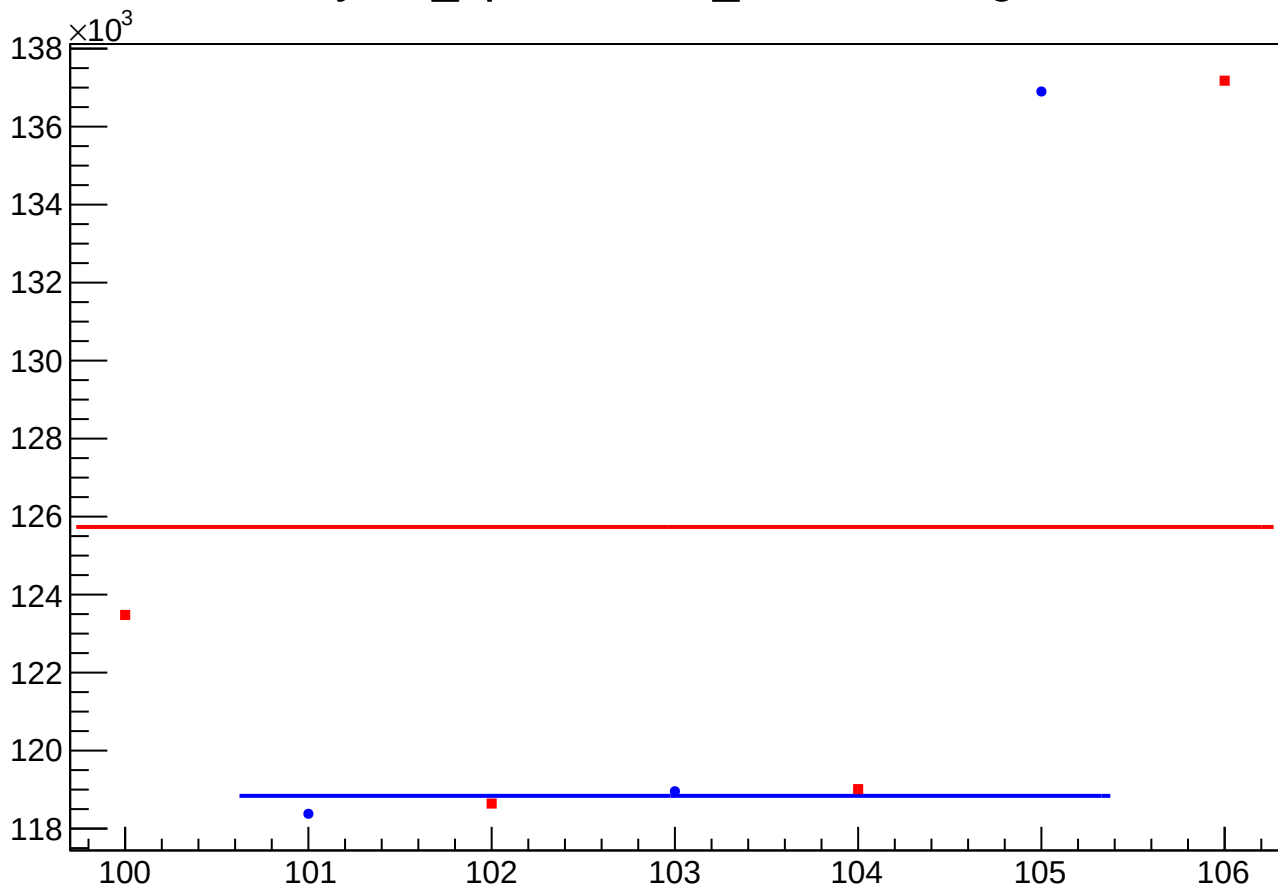
Right Out: 345.929 $\pm$ 0.214 χ^2 /NDF: 156824.1/3

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

315.907 $\pm$ 0.208 χ^2 /NDF: 13463.3/2

345.929 $\pm$ 0.214 χ^2 /NDF: 156824.1/3

yield_bpm0l04WS_mean vs slug



Right In: 118839.654 $\pm$ 0.310 χ^2 /NDF: 34705238.8/2

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

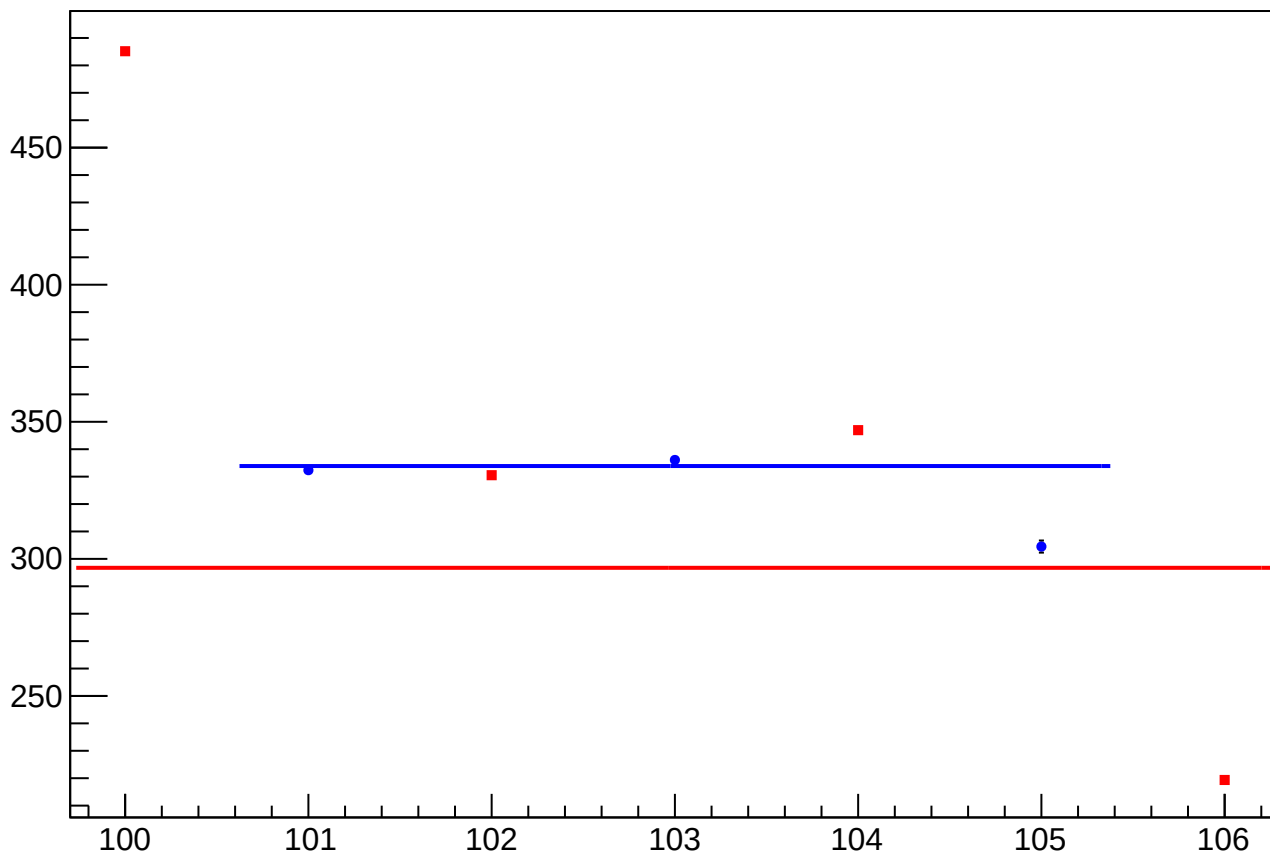
118839.654 $\pm$ 0.310 χ^2 /NDF: 34705238.8/2

Right Out: 125734.509 $\pm$ 0.259 χ^2 /NDF: 1164982443.0/3

125734.509 $\pm$ 0.259 χ^2 /NDF: 1164982443.0/3

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

yield_bpm0l04WS_rms vs slug



Right In: 333.865 $\pm$ 0.219 χ^2 /NDF: 251.2/2

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

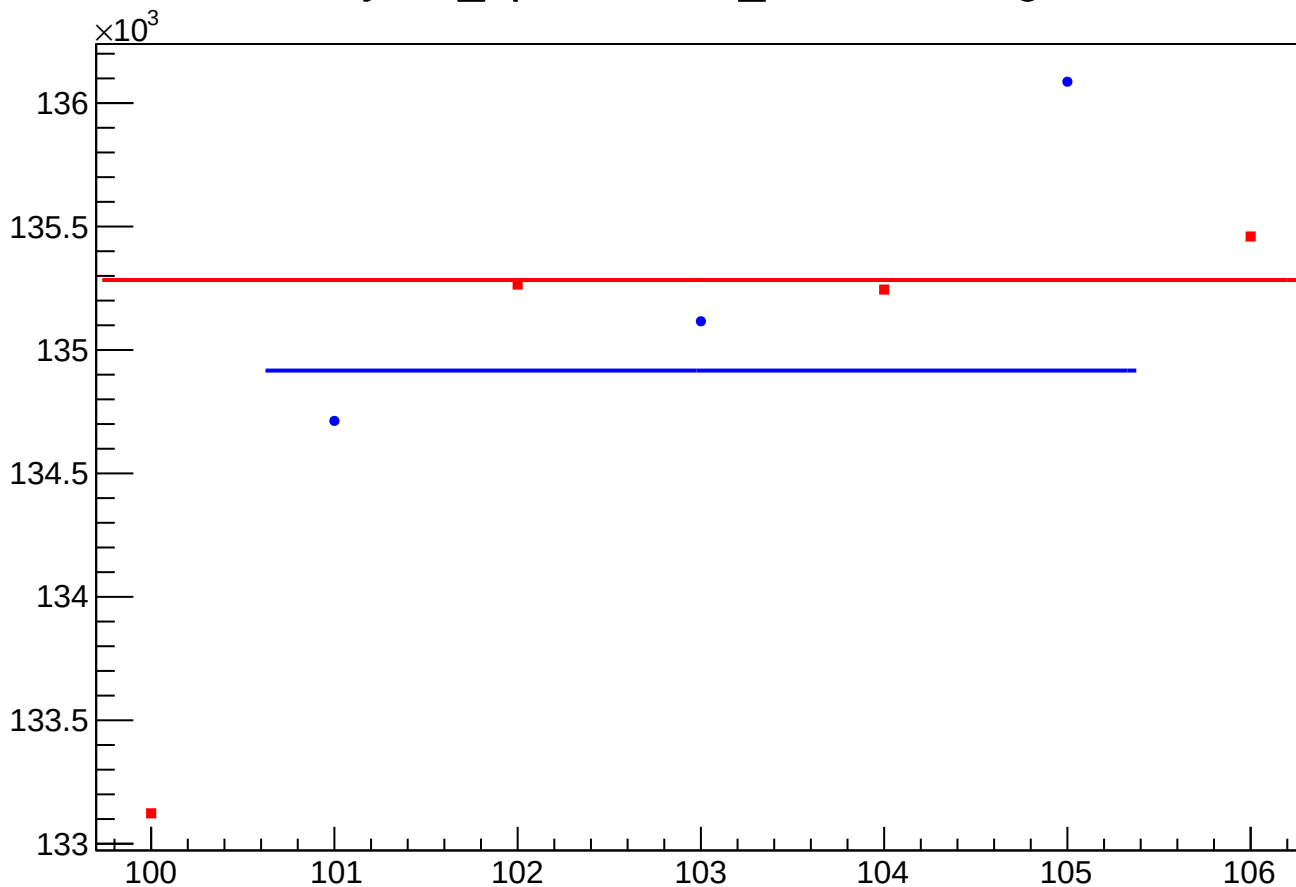
333.865 $\pm$ 0.219 χ^2 /NDF: 251.2/2

Right Out: 296.742 $\pm$ 0.183 χ^2 /NDF: 119670.0/3

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

296.742 $\pm$ 0.183 χ^2 /NDF: 119670.0/3

yield_bpm0l05WS_mean vs slug



Right In: 134916.583 $\pm$ 0.338 χ^2 /NDF: 430036.4/2

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

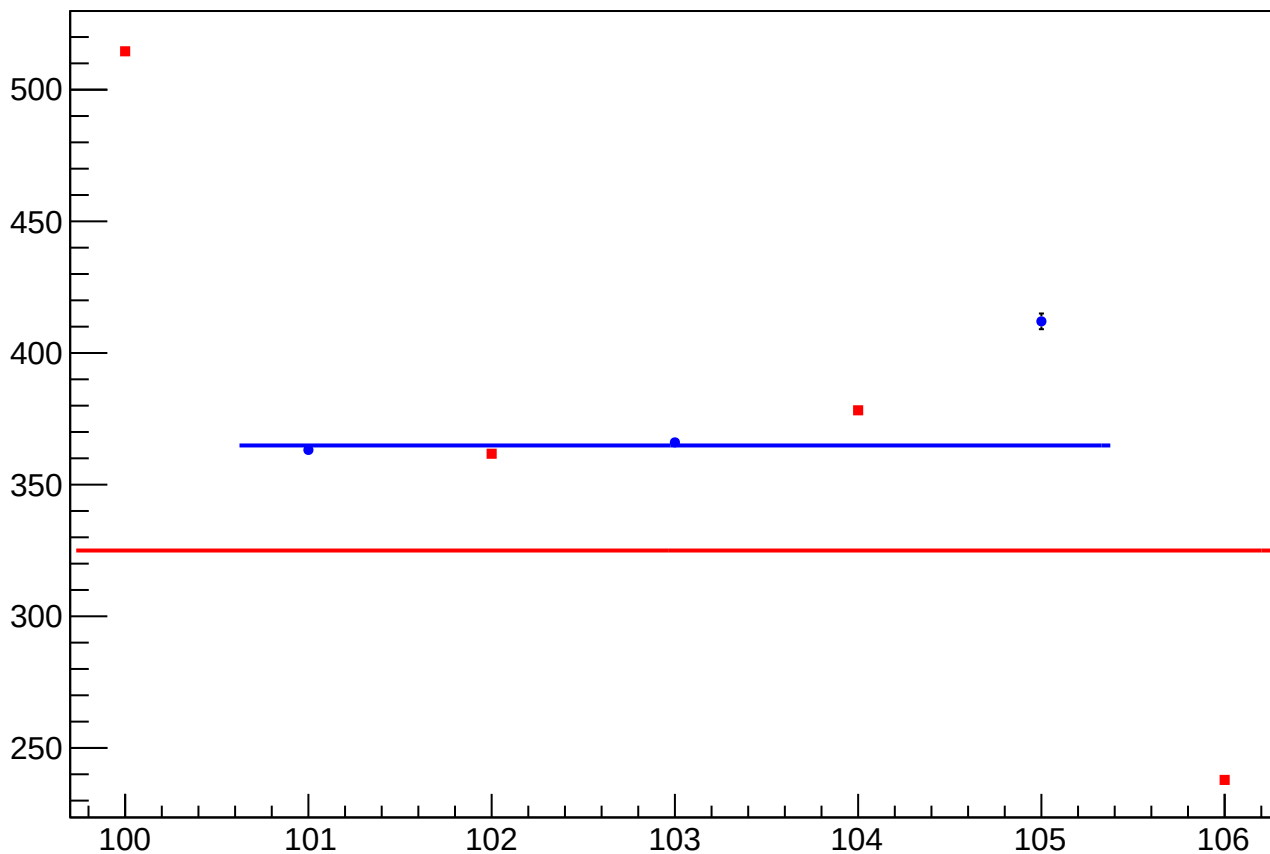
Right Out: 135283.370 $\pm$ 0.285 χ^2 /NDF: 1379321.7/3

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

134916.583 $\pm$ 0.338 χ^2 /NDF: 430036.4/2

135283.370 $\pm$ 0.285 χ^2 /NDF: 1379321.7/3

yield_bpm0l05WS_rms vs slug



Right In: 364.883 $\pm$ 0.239 χ^2 /NDF: 286.7/2

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

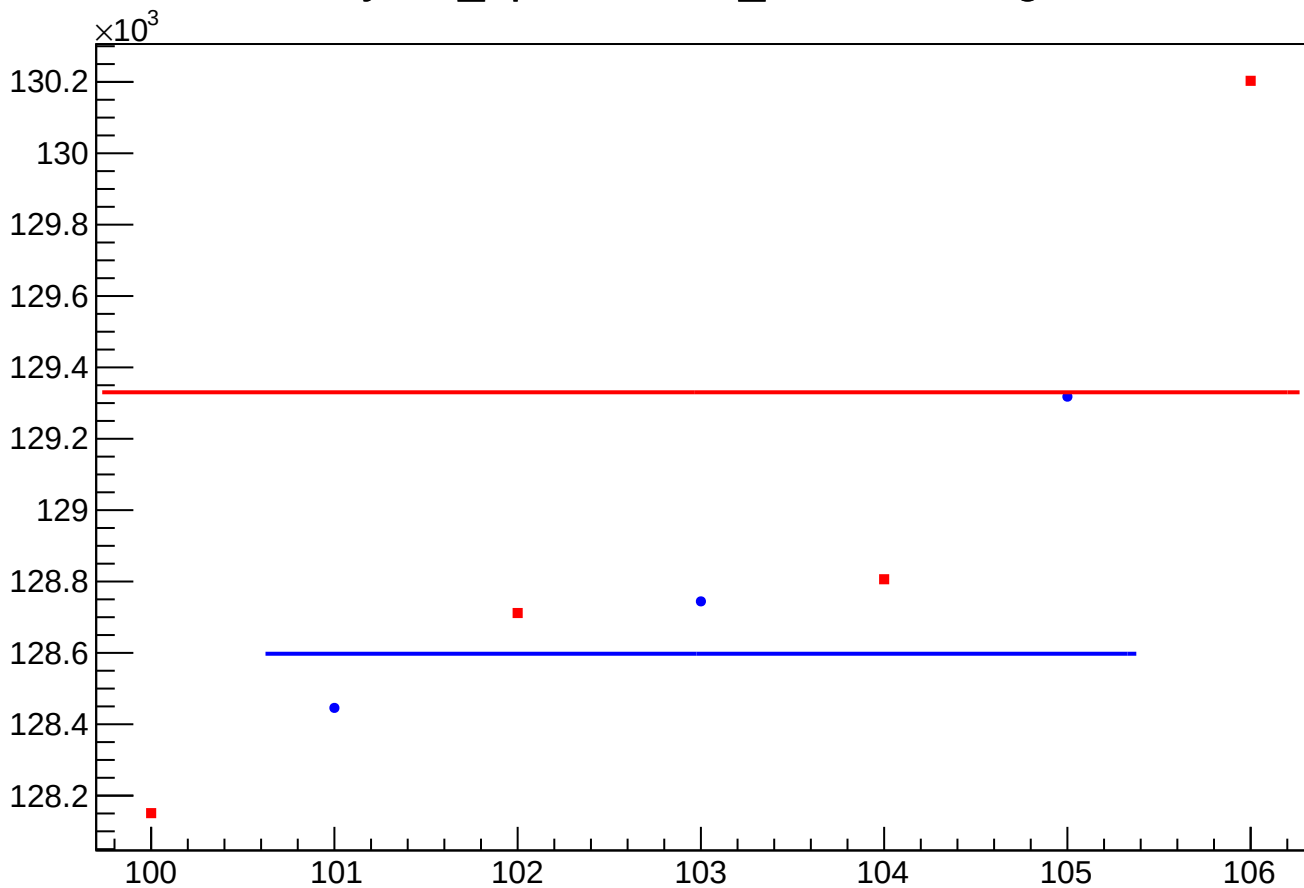
Right Out: 324.986 $\pm$ 0.202 χ^2 /NDF: 117123.5/3

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

364.883 $\pm$ 0.239 χ^2 /NDF: 286.7/2

324.986 $\pm$ 0.202 χ^2 /NDF: 117123.5/3

yield_bpm0l06WS_mean vs slug



Right In: 128597.600 $\pm$ 0.324 χ^2 /NDF: 255849.2/2

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

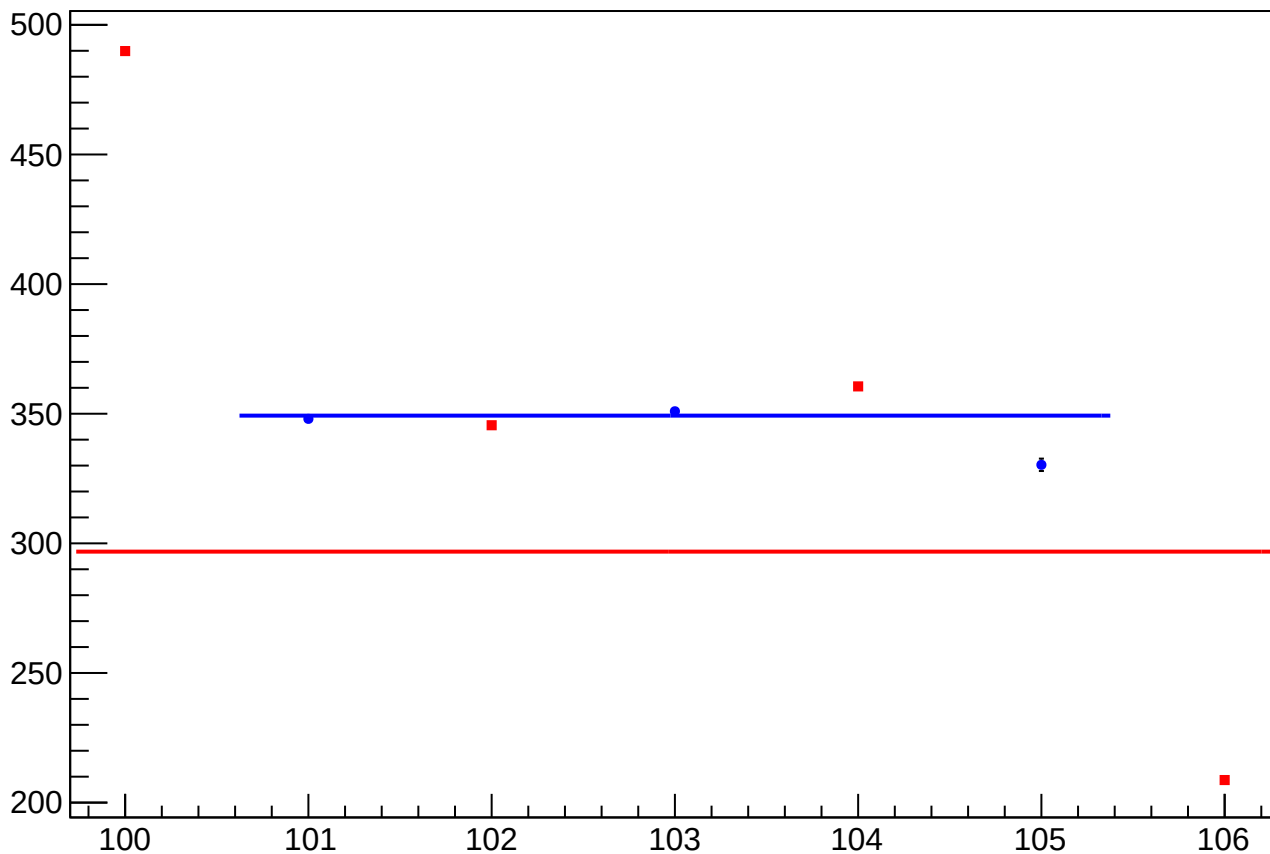
128597.600 $\pm$ 0.324 χ^2 /NDF: 255849.2/2

Right Out: 129330.258 $\pm$ 0.262 χ^2 /NDF: 7691004.6/3

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

129330.258 $\pm$ 0.262 χ^2 /NDF: 7691004.6/3

yield_bpm0l06WS_rms vs slug



Right In: 349.269 $\pm$ 0.229 χ^2 /NDF: 103.8/2

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

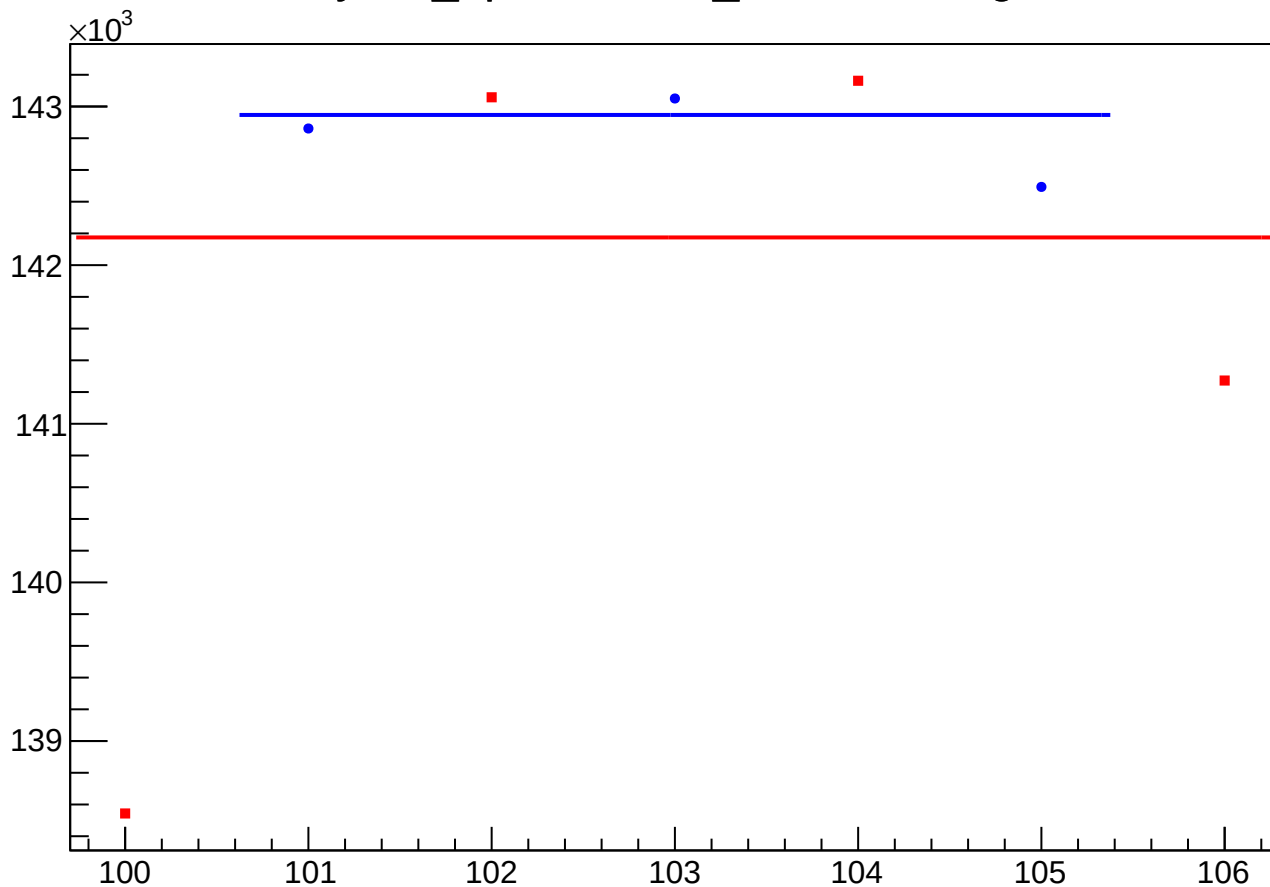
349.269 $\pm$ 0.229 χ^2 /NDF: 103.8/2

Right Out: 296.809 $\pm$ 0.185 χ^2 /NDF: 165875.6/3

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

296.809 $\pm$ 0.185 χ^2 /NDF: 165875.6/3

yield_bpm0l07WS_mean vs slug



Right In: 142946.816 $\pm$ 0.370 χ^2 /NDF: 86356.4/2

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

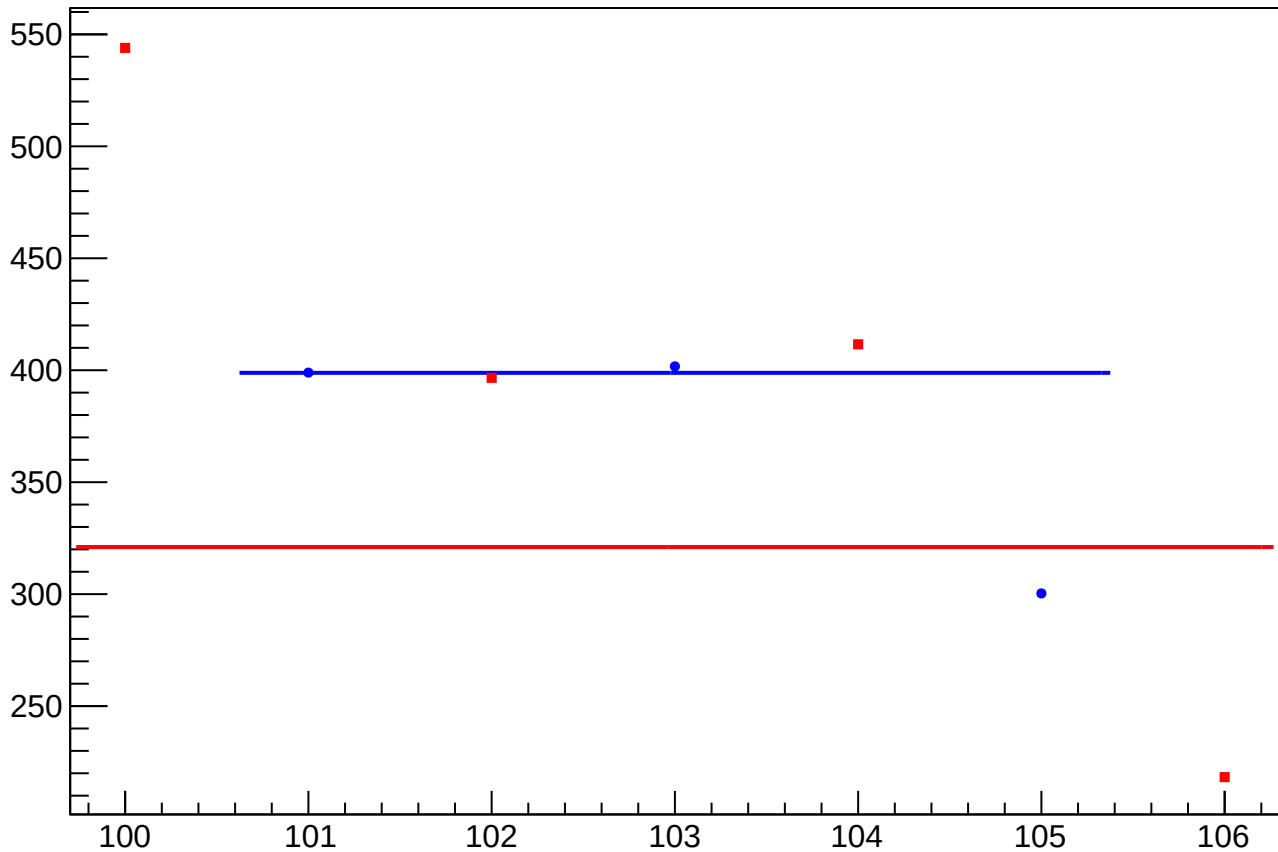
Right Out: 142174.643 $\pm$ 0.286 χ^2 /NDF: 13242690.7/3

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

142946.816 $\pm$ 0.370 χ^2 /NDF: 86356.4/2

142174.643 $\pm$ 0.286 χ^2 /NDF: 13242690.7/3

yield_bpm0l07WS_rms vs slug



Right In: 398.844 $\pm$ 0.262 χ^2 /NDF: 2108.5/2

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

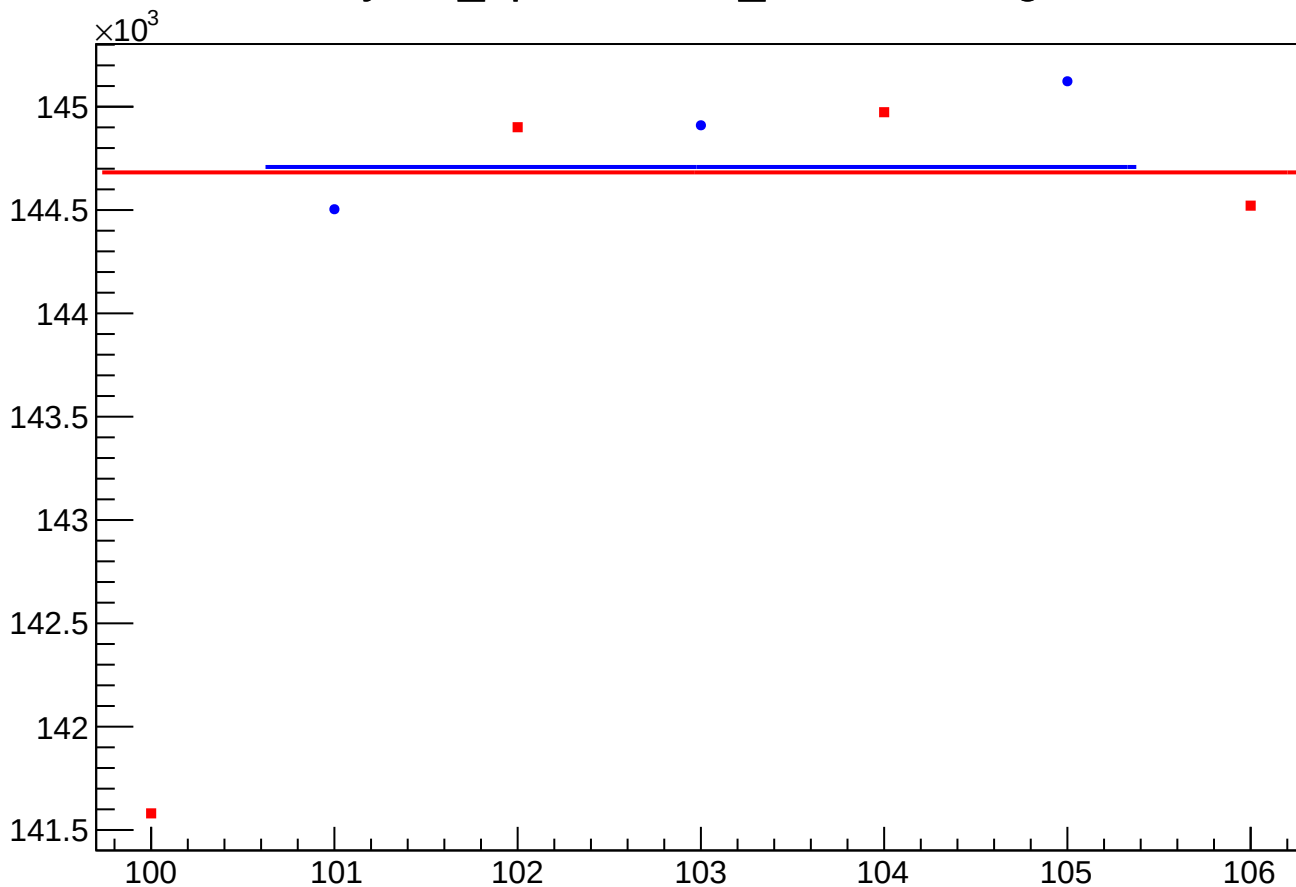
398.844 $\pm$ 0.262 χ^2 /NDF: 2108.5/2

Right Out: 321.034 $\pm$ 0.202 χ^2 /NDF: 229571.3/3

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

321.034 $\pm$ 0.202 χ^2 /NDF: 229571.3/3

yield_bpm0l08WS_mean vs slug



Right In: 144708.375 $\pm$ 0.365 χ^2 /NDF: 325977.9/2

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

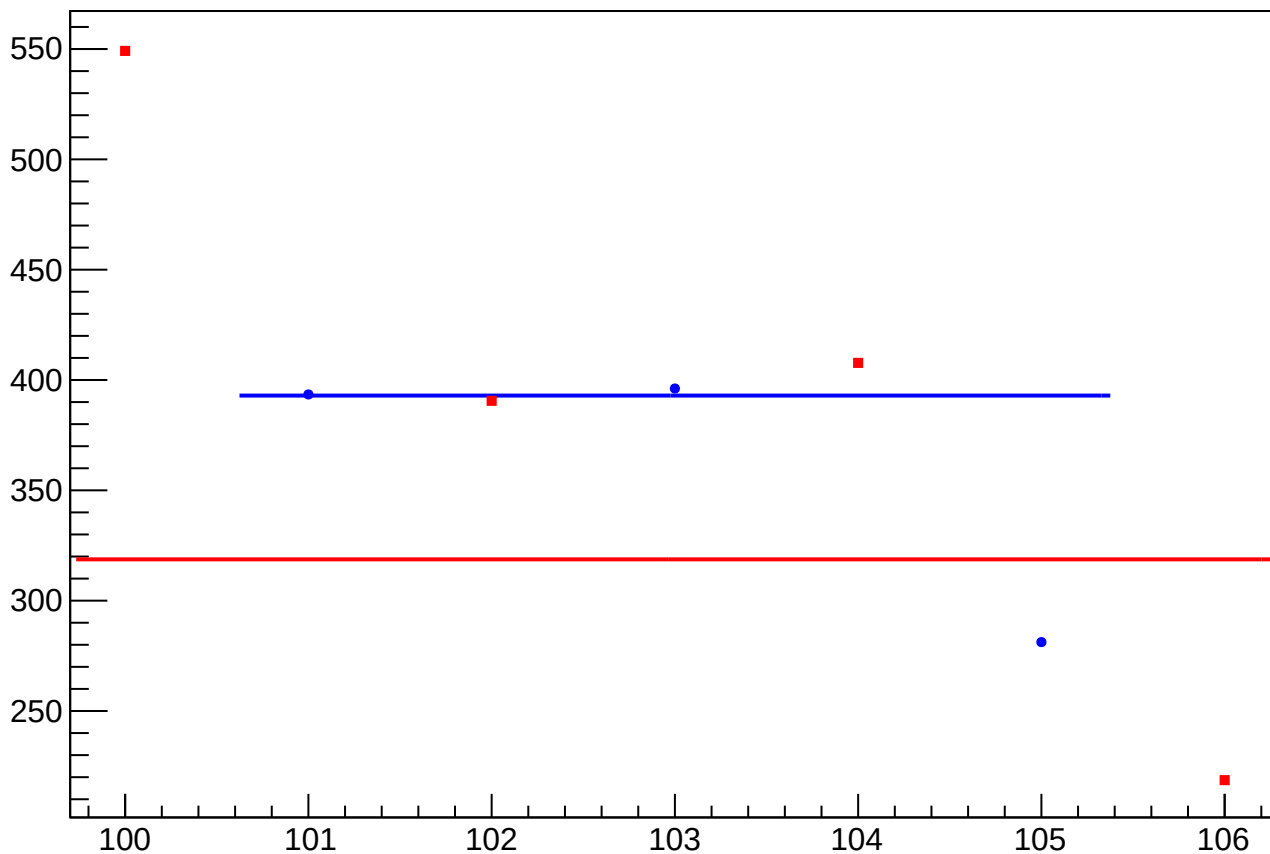
Right Out: 144682.100 $\pm$ 0.283 χ^2 /NDF: 2806961.5/3

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

144708.375 $\pm$ 0.365 χ^2 /NDF: 325977.9/2

144682.100 $\pm$ 0.283 χ^2 /NDF: 2806961.5/3

yield_bpm0l08WS_rms vs slug



Right In: 392.945+/-0.258 χ^2/NDF : 3082.8/2

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

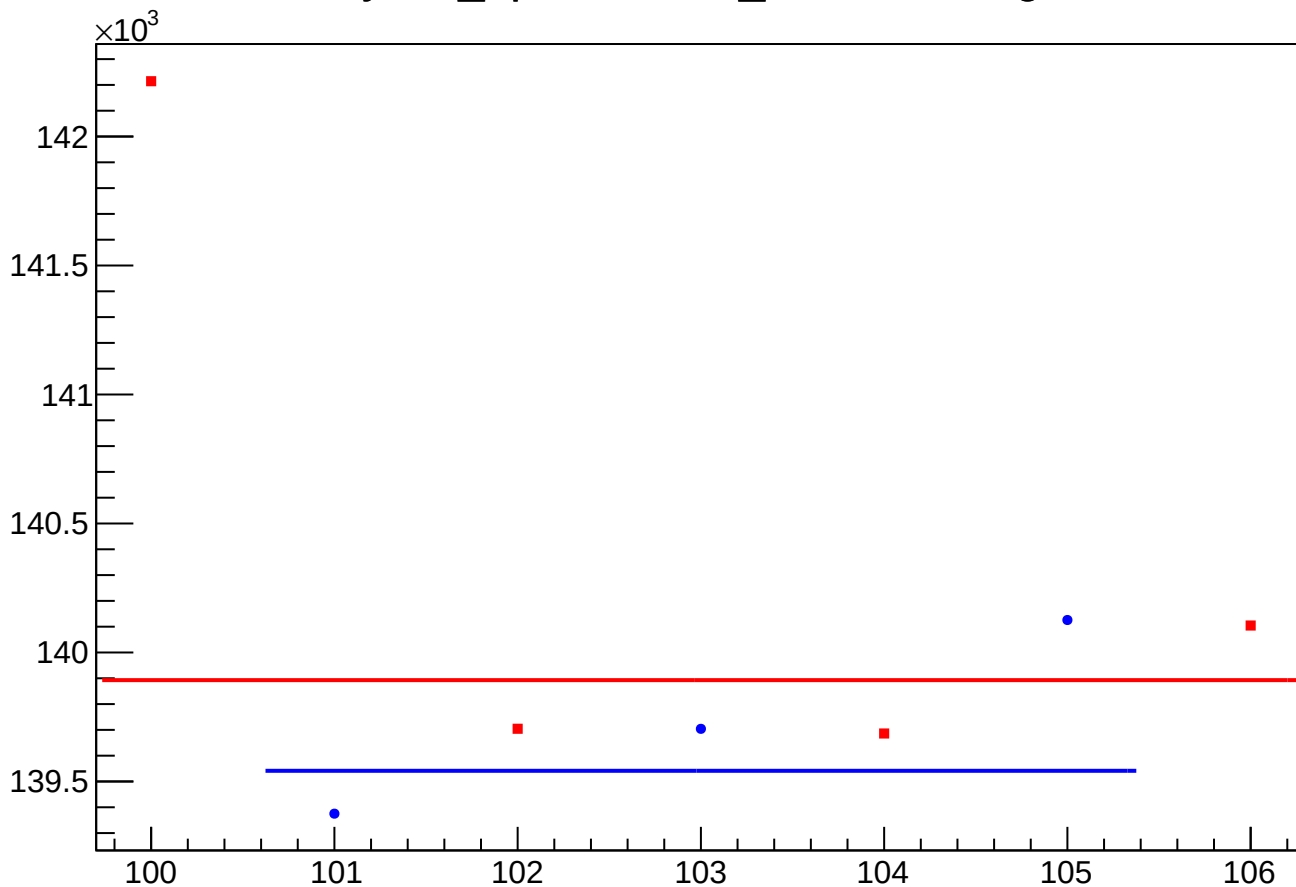
392.945+/-0.258 χ^2/NDF : 3082.8/2

Right Out: 318.725+/-0.200 χ^2/NDF : 223381.2/3

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

318.725+/-0.200 χ^2/NDF : 223381.2/3

yield_bpm0l09WS_mean vs slug



Right In: 139541.390 $\pm$ 0.363 χ^2 /NDF: 227512.4/2

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

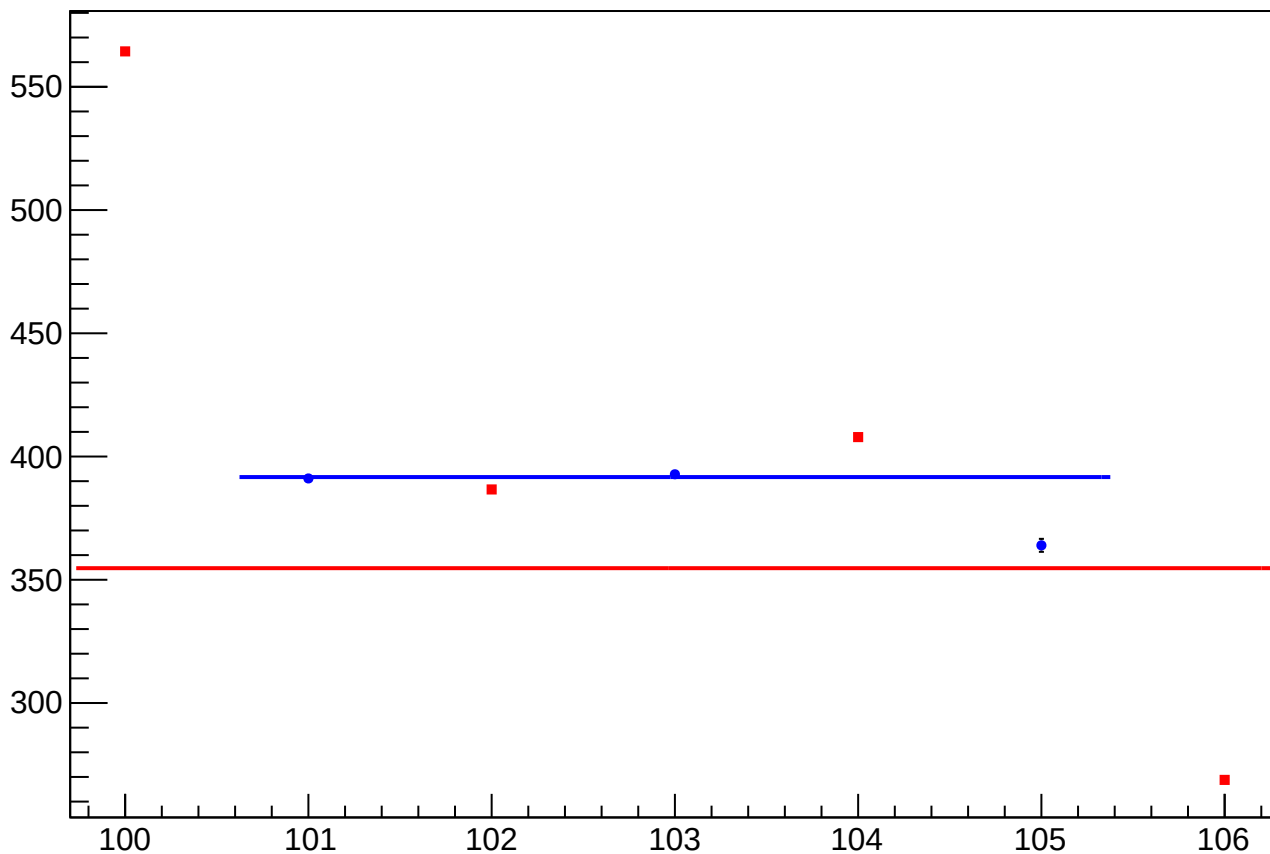
Right Out: 139892.811 $\pm$ 0.308 χ^2 /NDF: 1608453.1/3

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

139541.390 $\pm$ 0.363 χ^2 /NDF: 227512.4/2

139892.811 $\pm$ 0.308 χ^2 /NDF: 1608453.1/3

yield_bpm0l09WS_rms vs slug



Right In: 391.668 $\pm$ 0.257 χ^2 /NDF: 122.2/2

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

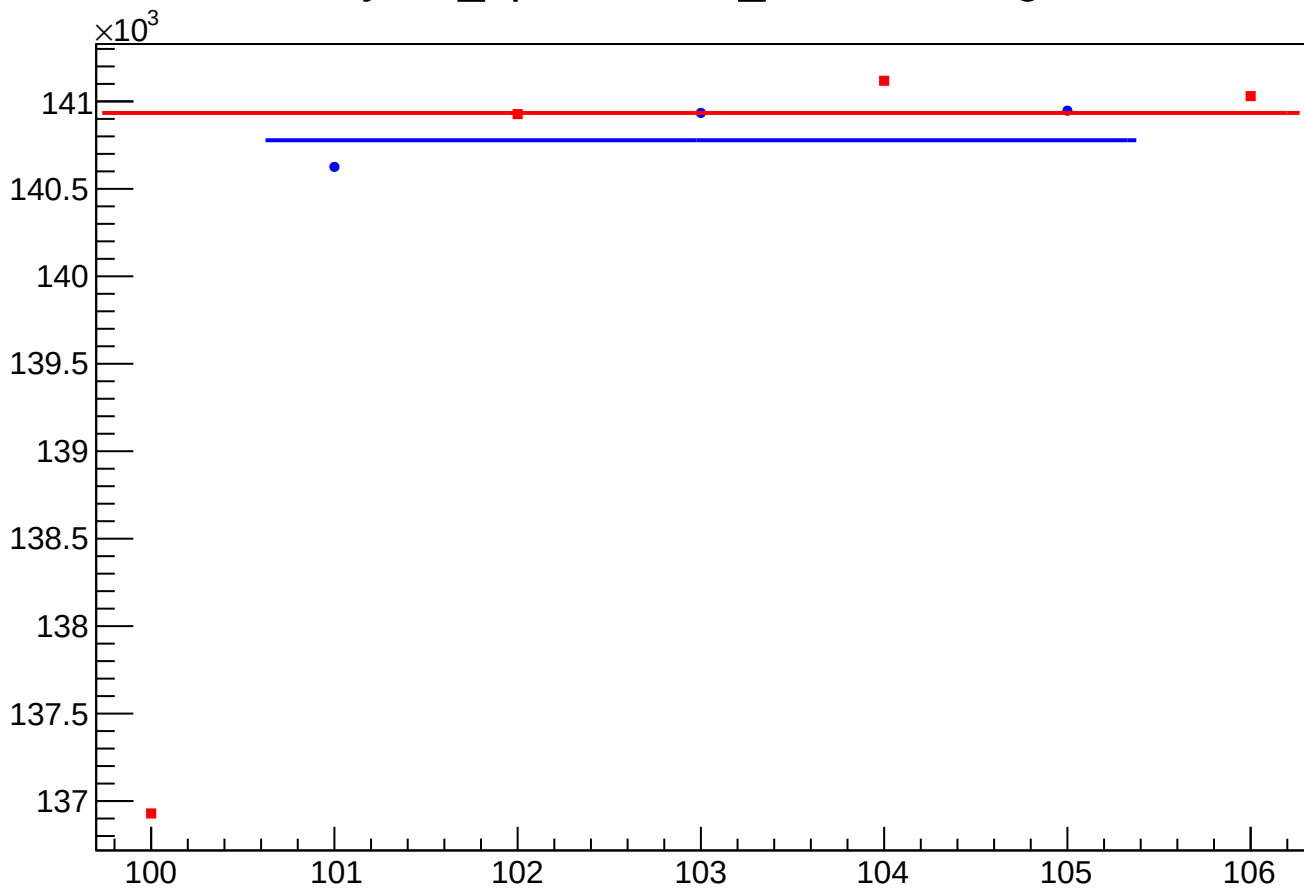
391.668 $\pm$ 0.257 χ^2 /NDF: 122.2/2

Right Out: 354.701 $\pm$ 0.218 χ^2 /NDF: 98406.2/3

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

354.701 $\pm$ 0.218 χ^2 /NDF: 98406.2/3

yield_bpm0l10WS_mean vs slug



Right In: 140777.885 $\pm$ 0.364 χ^2 /NDF: 180000.3/2

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

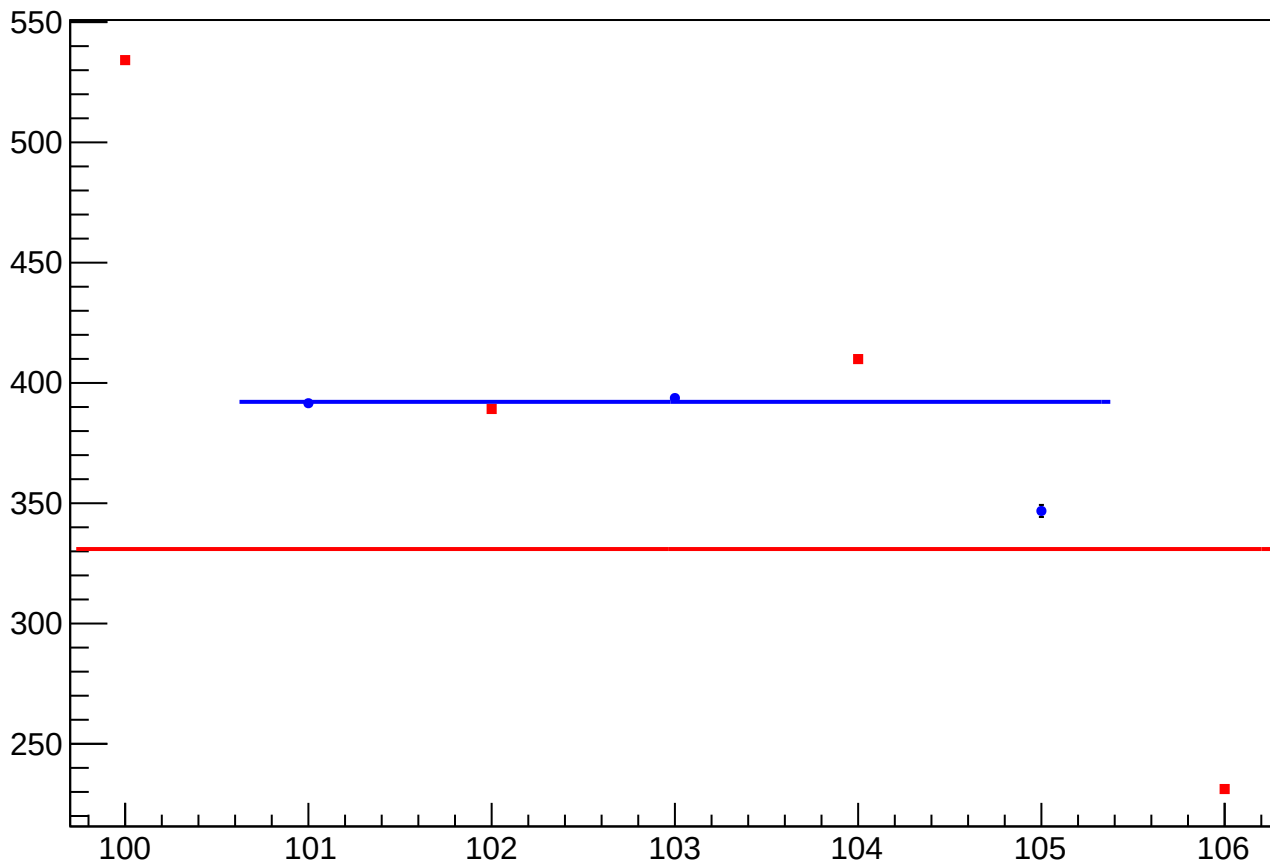
140777.885 $\pm$ 0.364 χ^2 /NDF: 180000.3/2

Right Out: 140934.067 $\pm$ 0.293 χ^2 /NDF: 4084930.8/3

140934.067 $\pm$ 0.293 χ^2 /NDF: 4084930.8/3

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

yield_bpm0l10WS_rms vs slug



Right In: 392.146 $\pm$ 0.257 χ^2 /NDF: 346.6/2

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

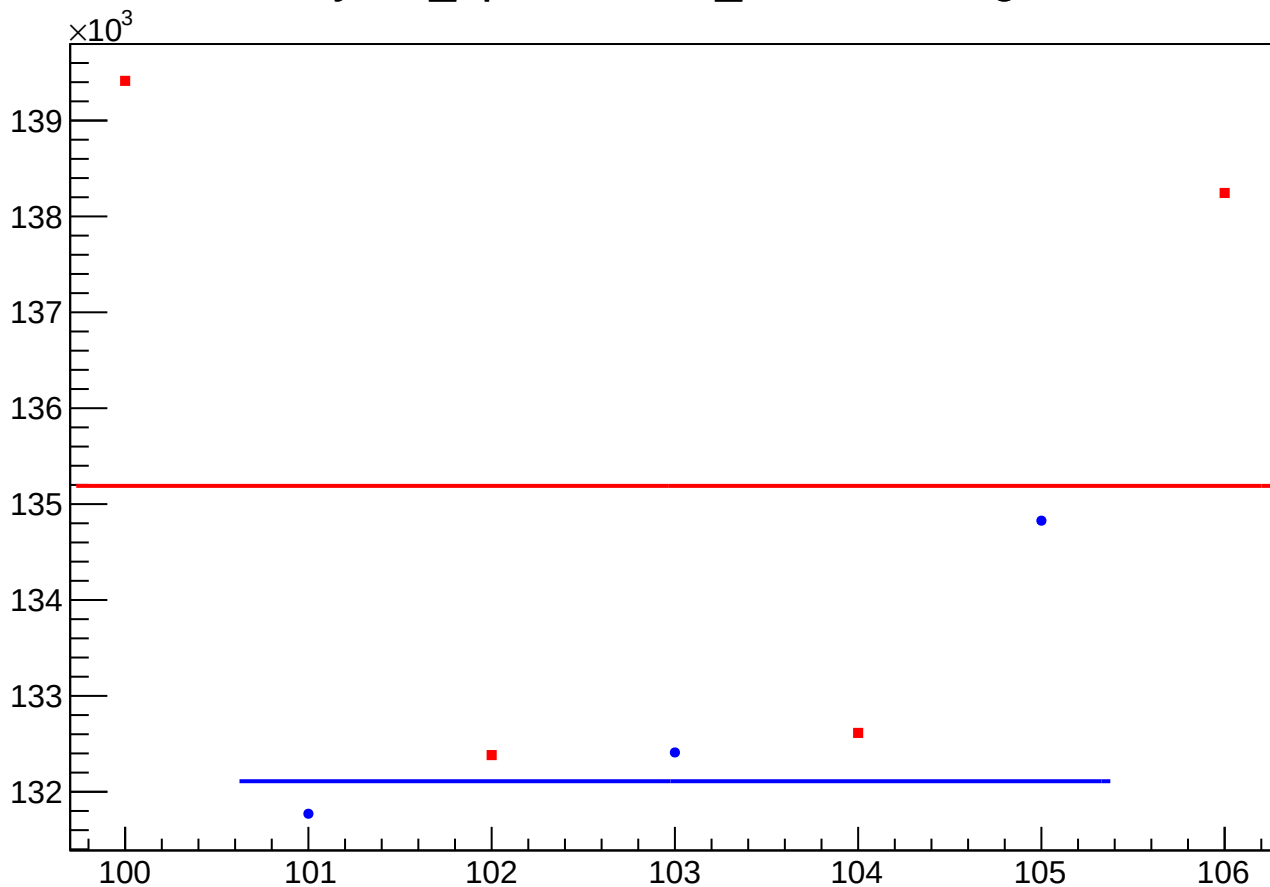
392.146 $\pm$ 0.257 χ^2 /NDF: 346.6/2

Right Out: 330.966 $\pm$ 0.207 χ^2 /NDF: 178788.2/3

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

330.966 $\pm$ 0.207 χ^2 /NDF: 178788.2/3

yield_bpm0r03WS_mean vs slug



Right In: 132110.169 $\pm$ 0.433 χ^2 /NDF: 957797.0/2

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

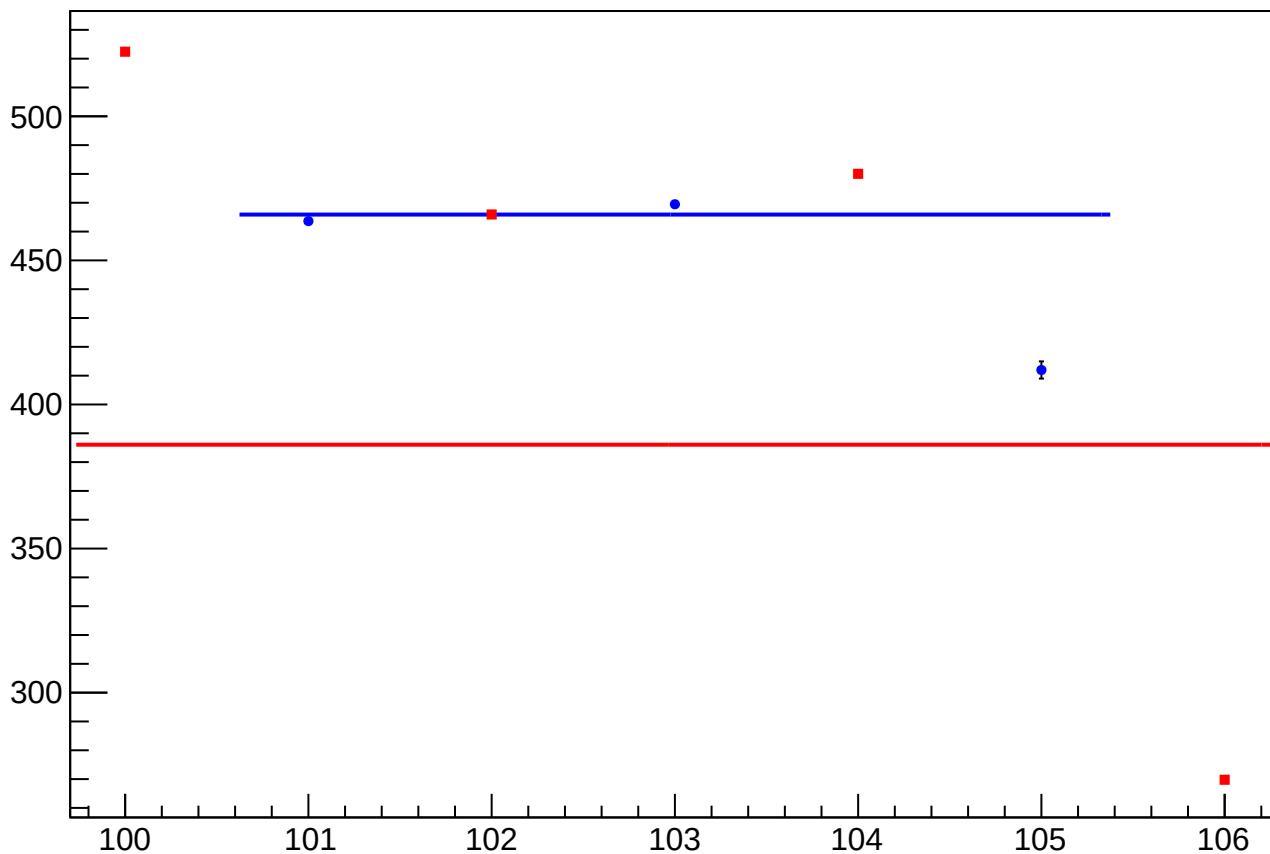
Right Out: 135190.035 $\pm$ 0.342 χ^2 /NDF: 72717407.4/3

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

132110.169 $\pm$ 0.433 χ^2 /NDF: 957797.0/2

135190.035 $\pm$ 0.342 χ^2 /NDF: 72717407.4/3

yield_bpm0r03WS_rms vs slug



Right In: 465.898 $\pm$ 0.306 χ^2 /NDF: 420.4/2

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

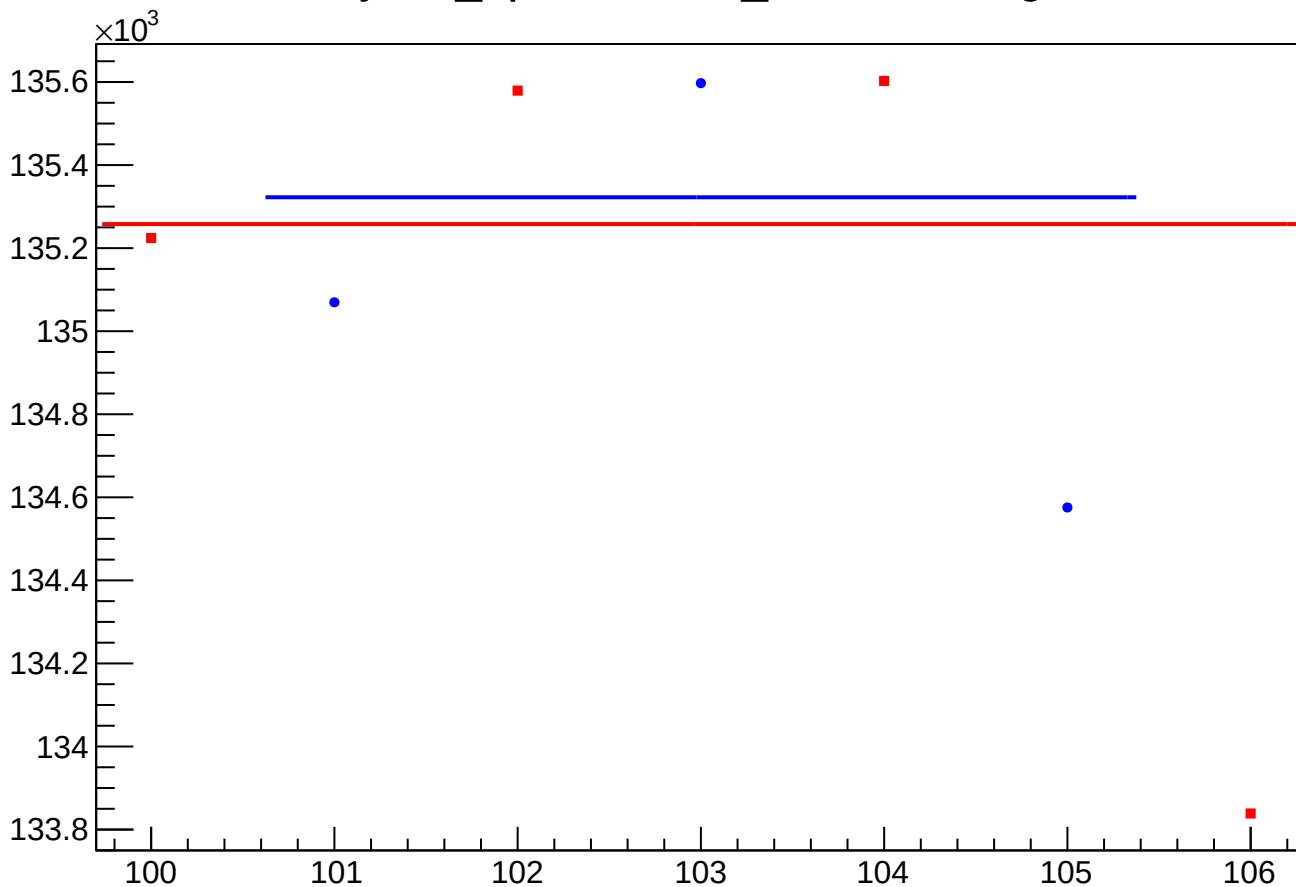
465.898 $\pm$ 0.306 χ^2 /NDF: 420.4/2

Right Out: 386.043 $\pm$ 0.242 χ^2 /NDF: 178433.6/3

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

386.043 $\pm$ 0.242 χ^2 /NDF: 178433.6/3

yield_bpm0r05WS_mean vs slug



Right In: 135322.474 $\pm$ 0.345 χ^2 /NDF: 601917.0/2

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

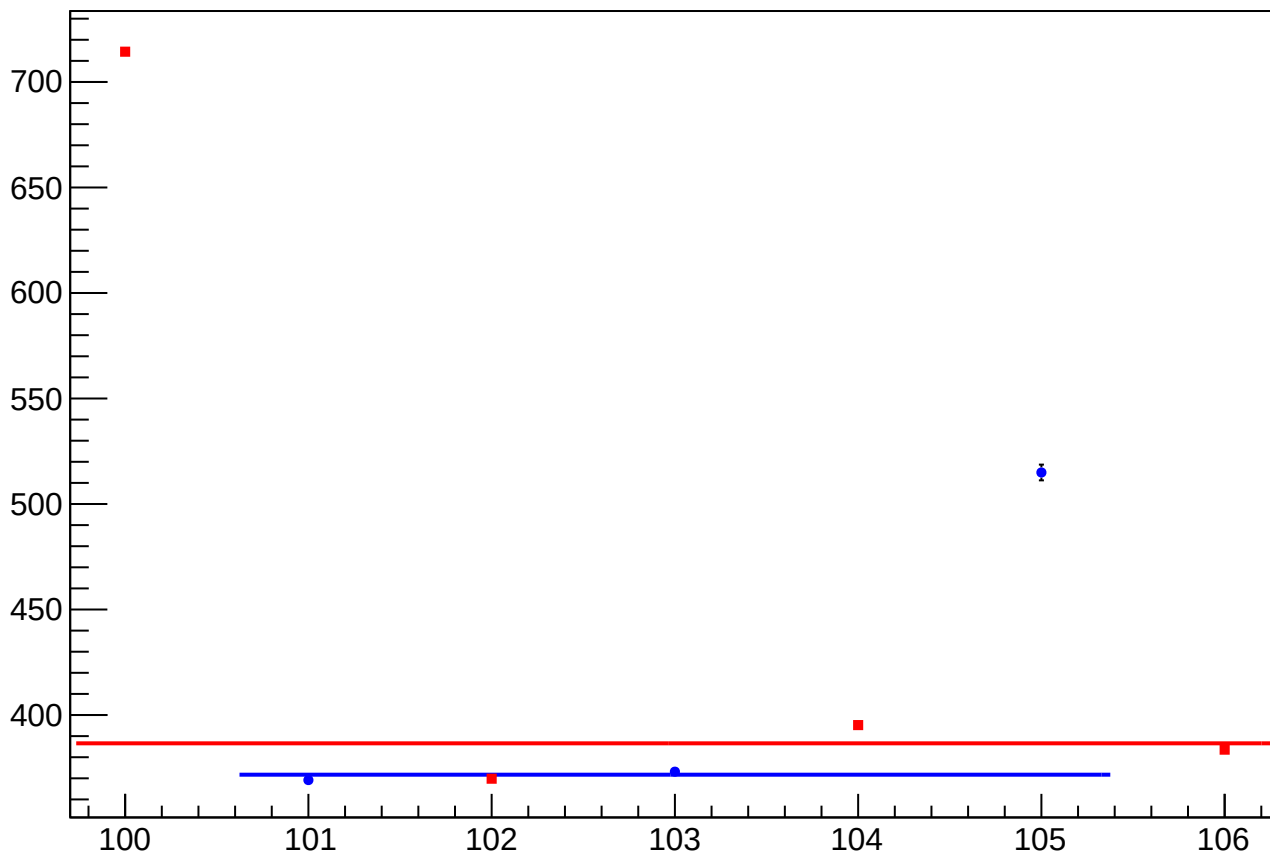
Right Out: 135257.901 $\pm$ 0.336 χ^2 /NDF: 4104954.8/3

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

135322.474 $\pm$ 0.345 χ^2 /NDF: 601917.0/2

135257.901 $\pm$ 0.336 χ^2 /NDF: 4104954.8/3

yield_bpm0r05WS_rms vs slug



Right In: 371.720 $\pm$ 0.244 χ^2 /NDF: 1546.4/2

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

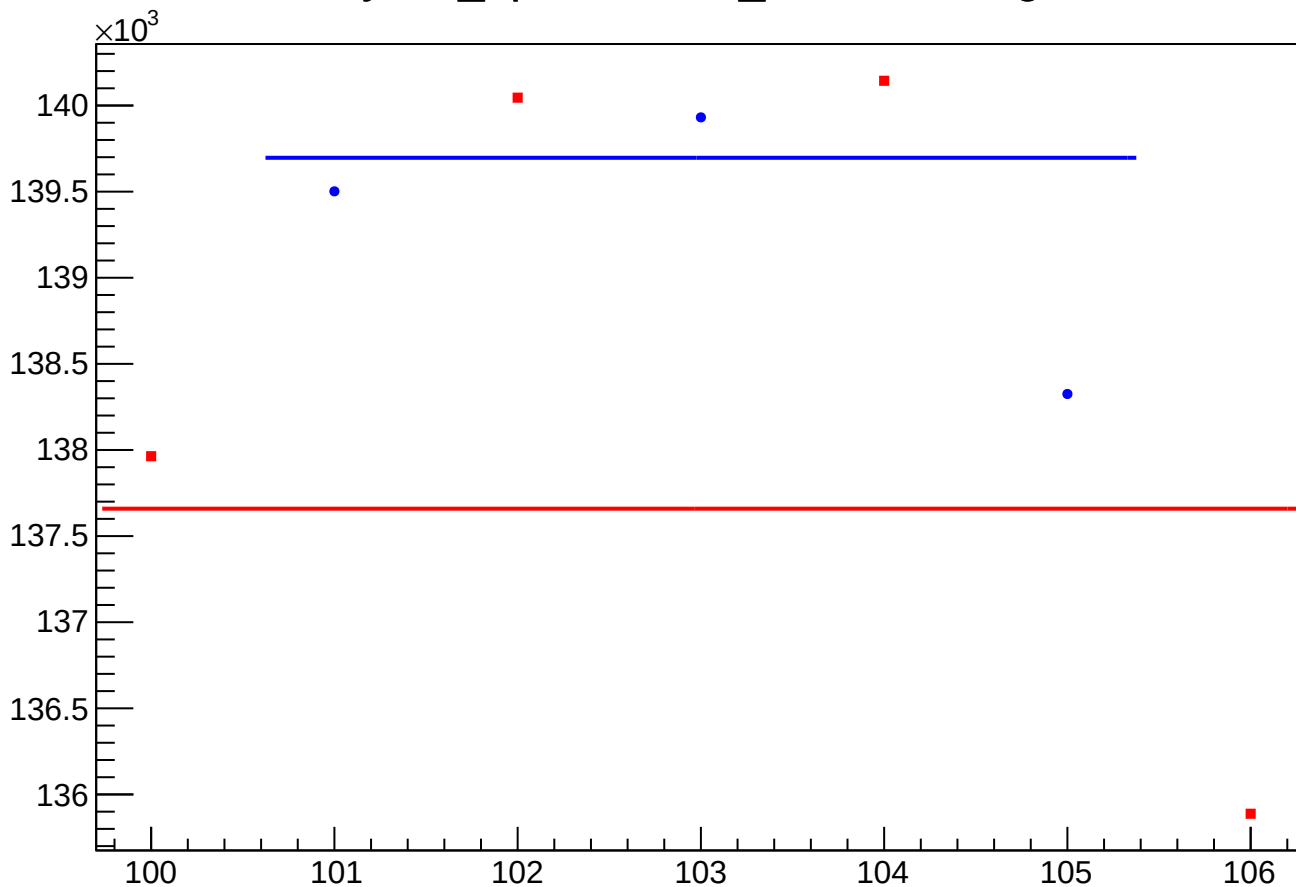
Right Out: 386.586 $\pm$ 0.237 χ^2 /NDF: 32326.7/3

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

371.720 $\pm$ 0.244 χ^2 /NDF: 1546.4/2

386.586 $\pm$ 0.237 χ^2 /NDF: 32326.7/3

yield_bpm0i02WS_mean vs slug



Right In: 139696.581 $\pm$ 0.352 χ^2 /NDF: 427275.9/2

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

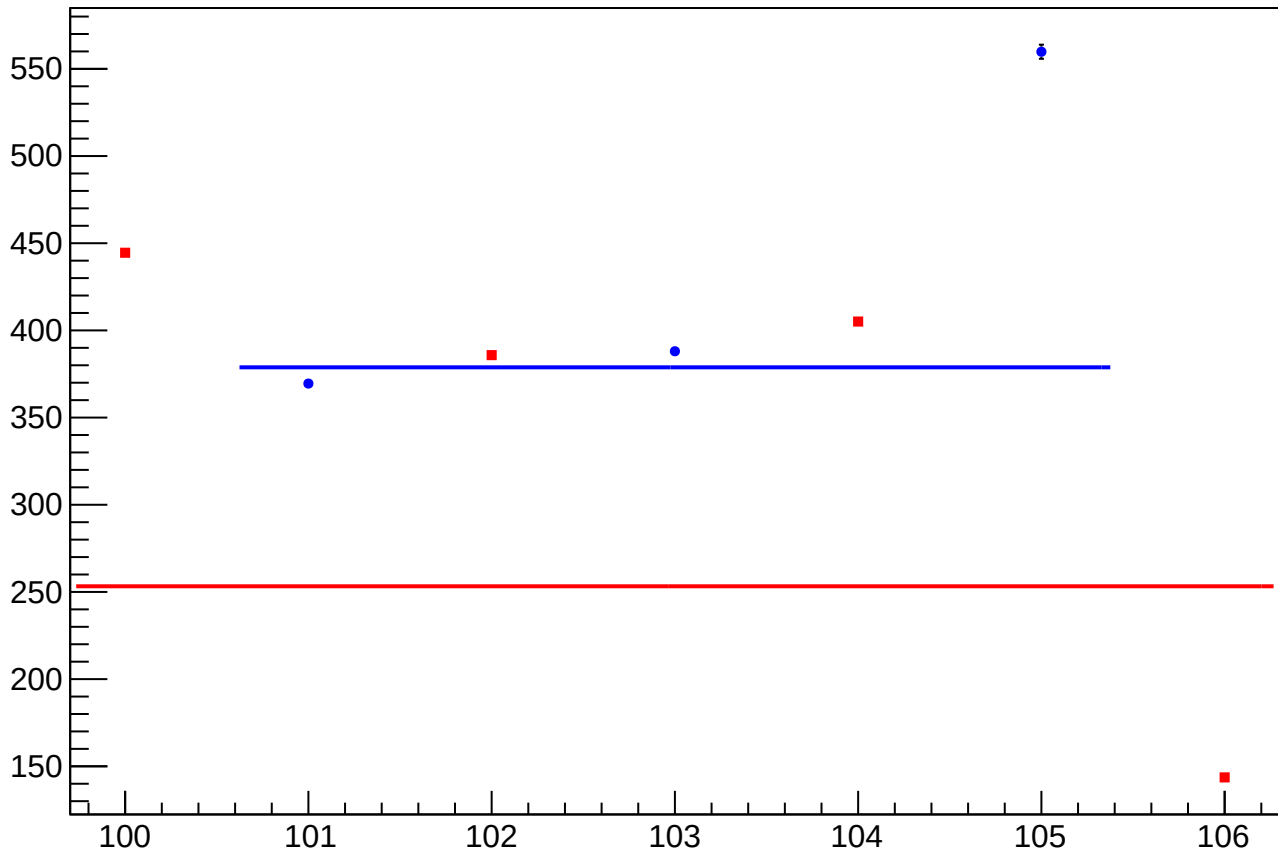
139696.581 $\pm$ 0.352 χ^2 /NDF: 427275.9/2

Right Out: 137659.154 $\pm$ 0.248 χ^2 /NDF: 68301928.1/3

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

137659.154 $\pm$ 0.248 χ^2 /NDF: 68301928.1/3

yield_bpm0i02WS_rms vs slug



Right In: 378.828+/-0.249 χ^2/NDF : 3375.3/2

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

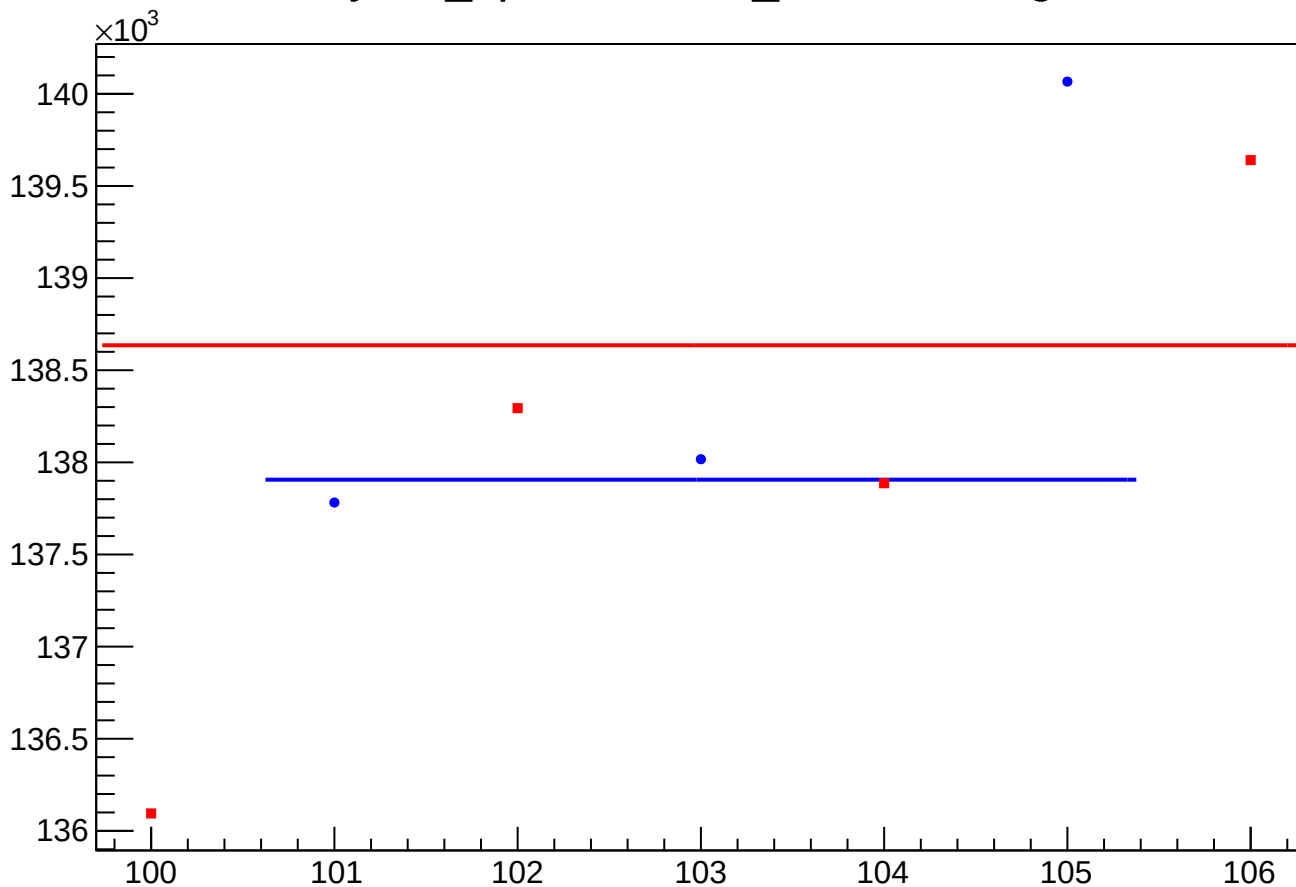
378.828+/-0.249 χ^2/NDF : 3375.3/2

Right Out: 253.245+/-0.176 χ^2/NDF : 514234.5/3

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

253.245+/-0.176 χ^2/NDF : 514234.5/3

yield_bpm0i02aWS_mean vs slug



Right In: 137905.999 $\pm$ 0.338 χ^2 /NDF: 303143.7/2

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

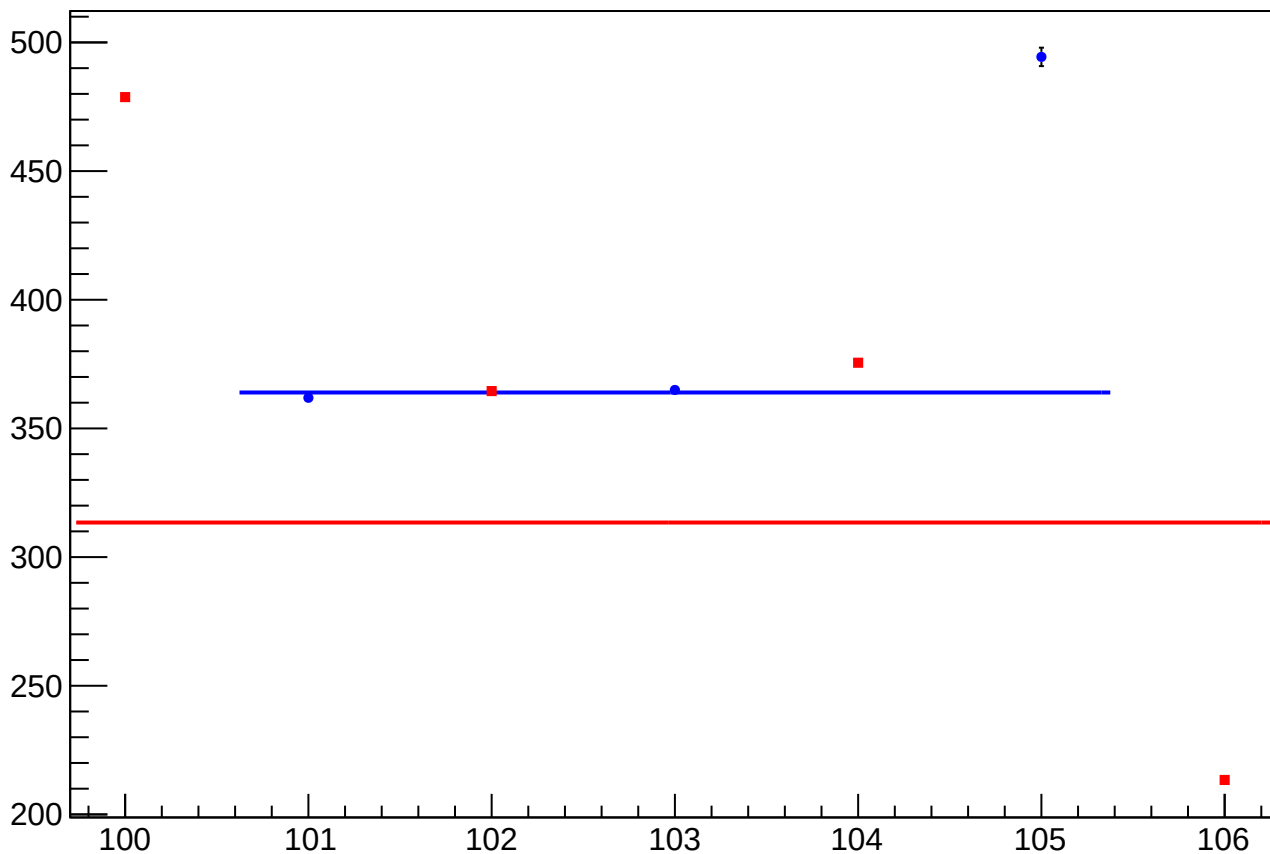
Right Out: 138635.462 $\pm$ 0.281 χ^2 /NDF: 9217094.7/3

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

137905.999 $\pm$ 0.338 χ^2 /NDF: 303143.7/2

138635.462 $\pm$ 0.281 χ^2 /NDF: 9217094.7/3

yield_bpm0i02aWS_rms vs slug



Right In: 363.966 $\pm$ 0.239 χ^2 /NDF: 1372.2/2

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

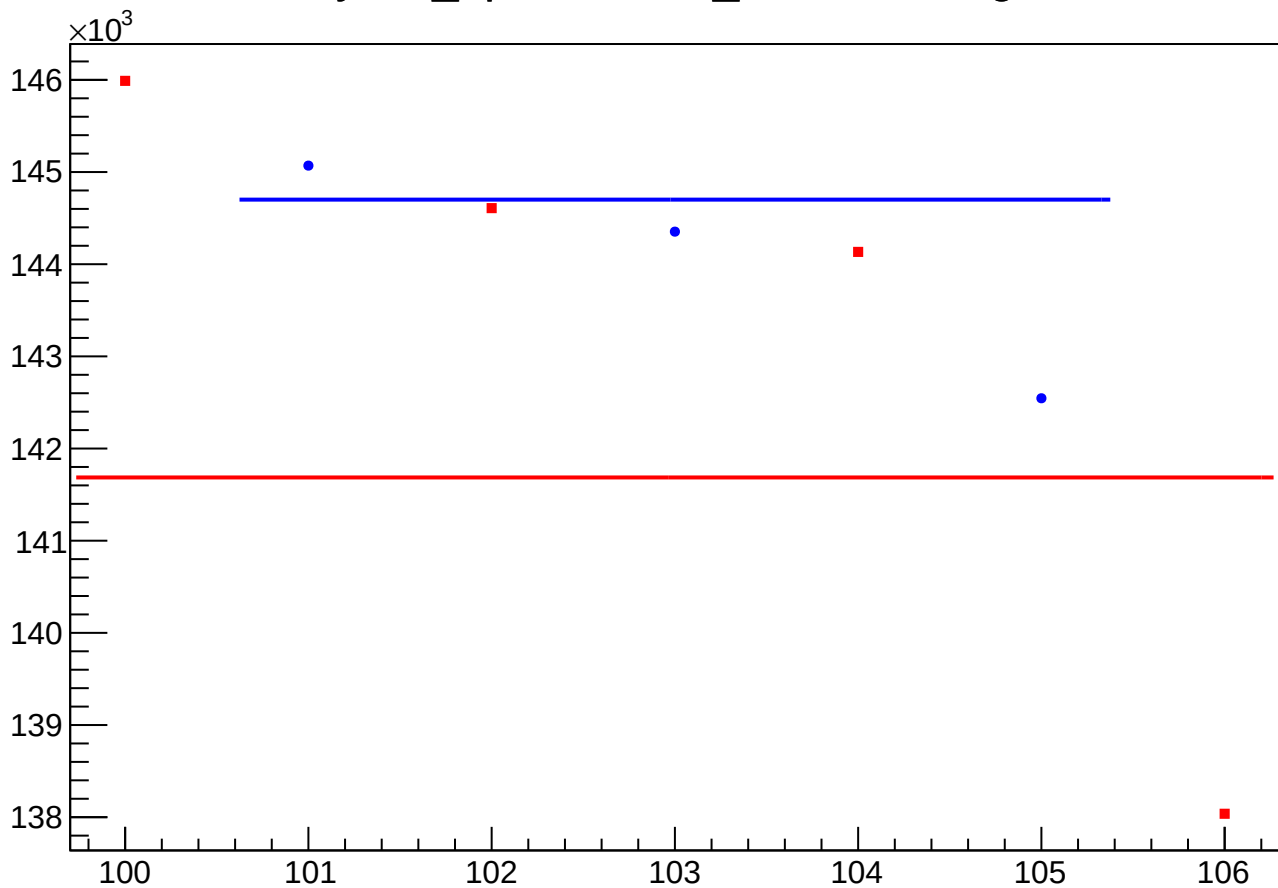
363.966 $\pm$ 0.239 χ^2 /NDF: 1372.2/2

Right Out: 313.434 $\pm$ 0.199 χ^2 /NDF: 160346.1/3

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

313.434 $\pm$ 0.199 χ^2 /NDF: 160346.1/3

yield_bpm0i05WS_mean vs slug



Right In: 144700.709 $\pm$ 0.335 χ^2 /NDF: 1441372.6/2

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

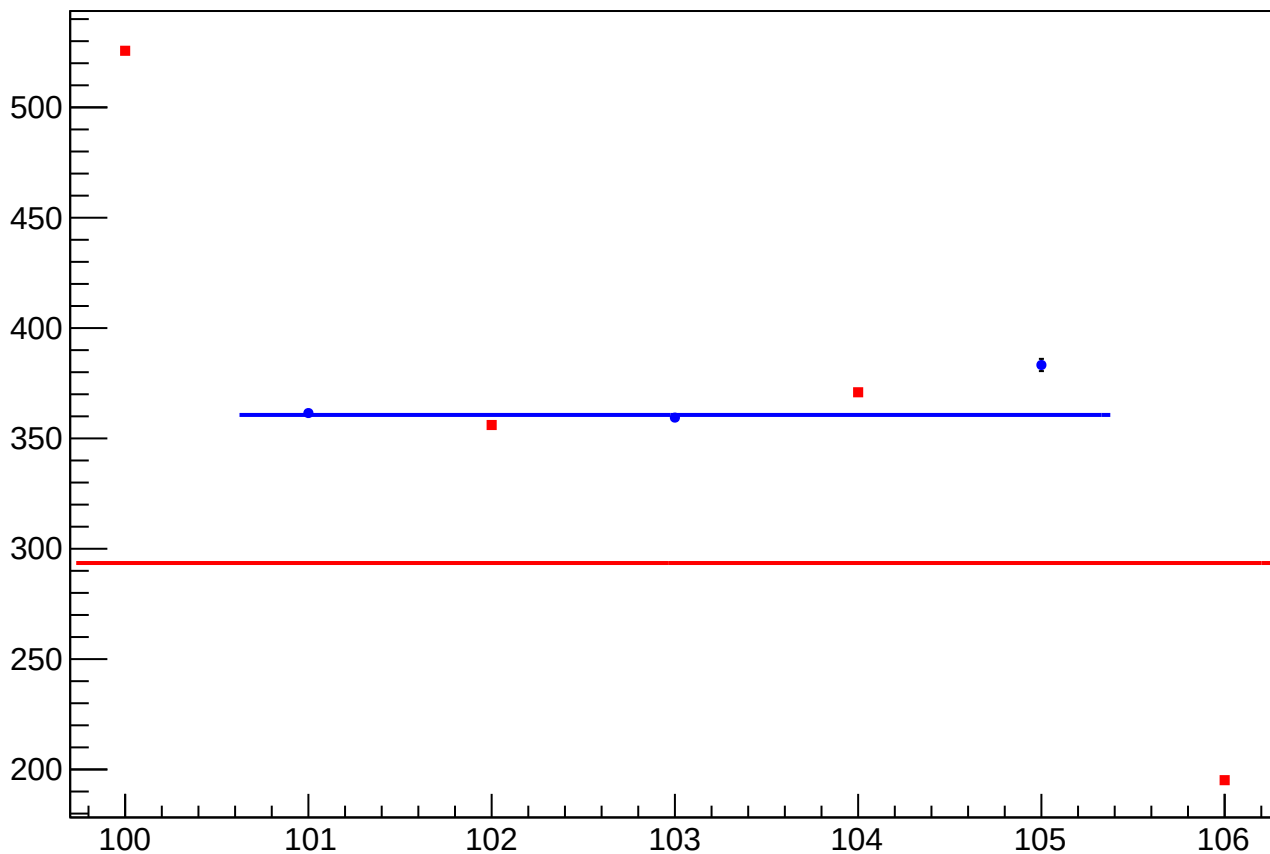
144700.709 $\pm$ 0.335 χ^2 /NDF: 1441372.6/2

Right Out: 141686.198 $\pm$ 0.265 χ^2 /NDF: 144602505.0/3

141686.198 $\pm$ 0.265 χ^2 /NDF: 144602505.0/3

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

yield_bpm0i05WS_rms vs slug



Right In: 360.640 $\pm$ 0.237 χ^2 /NDF: 85.7/2

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

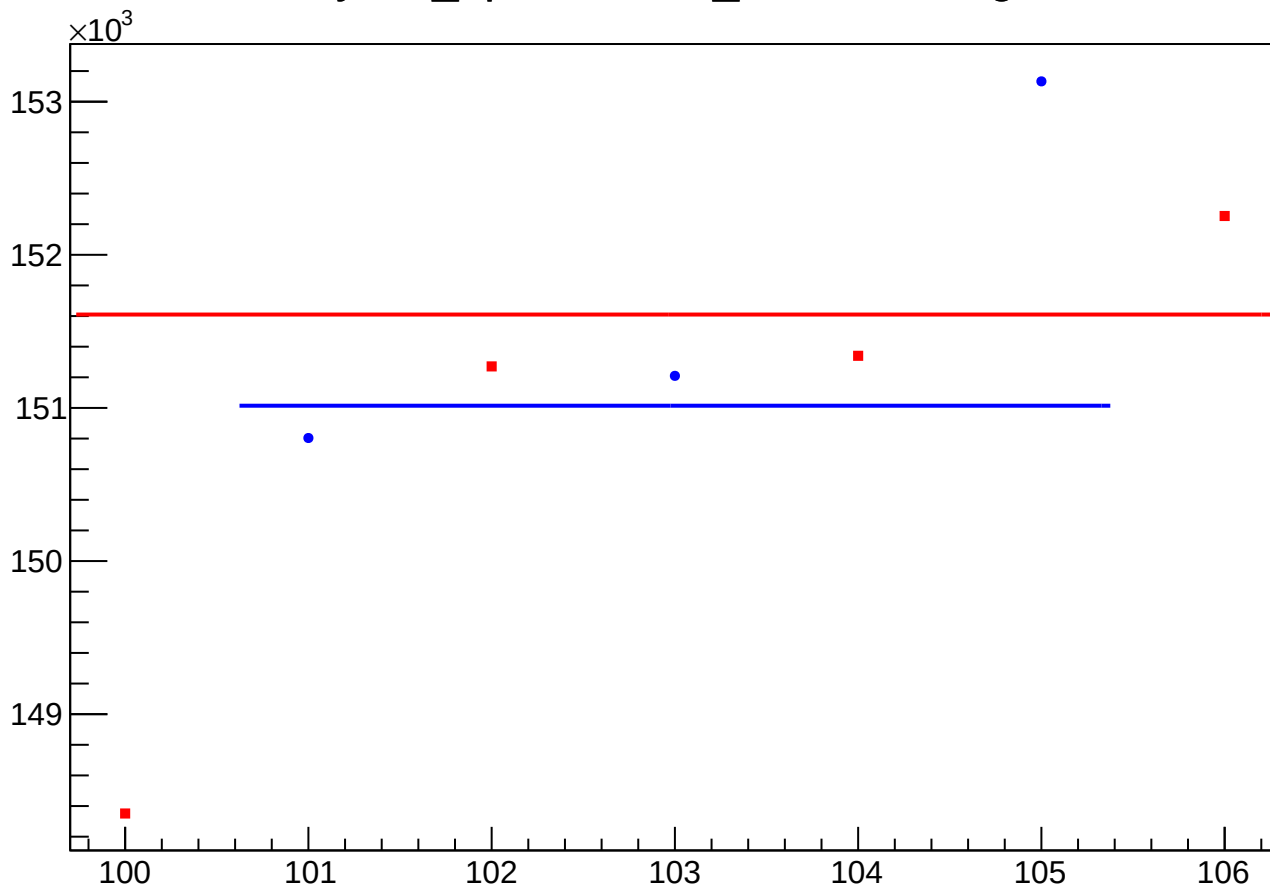
Right Out: 293.541 $\pm$ 0.187 χ^2 /NDF: 222640.9/3

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

360.640 $\pm$ 0.237 χ^2 /NDF: 85.7/2

293.541 $\pm$ 0.187 χ^2 /NDF: 222640.9/3

yield_bpm0i07WS_mean vs slug



Right In: 151014.520 $\pm$ 0.351 χ^2 /NDF: 553774.7/2

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

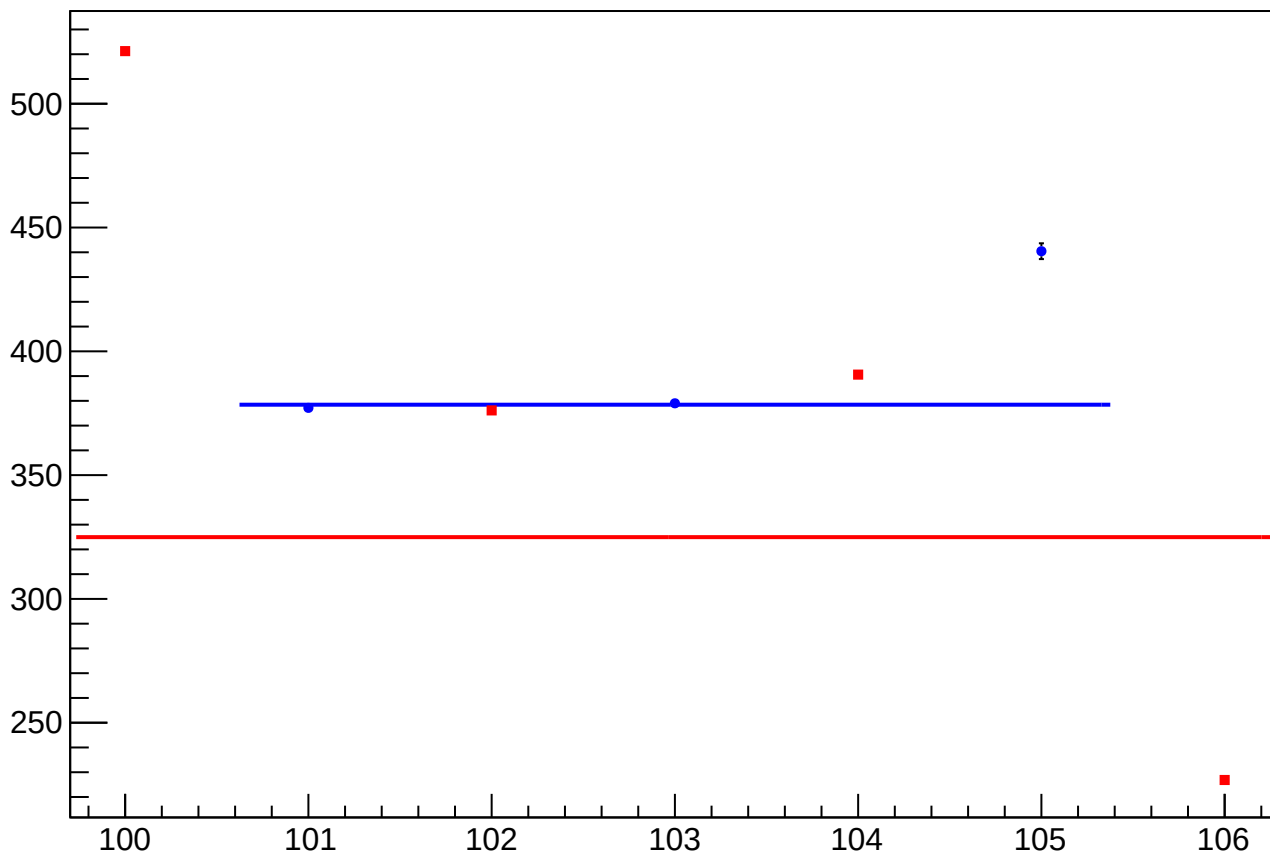
Right Out: 151609.908 $\pm$ 0.288 χ^2 /NDF: 5357364.5/3

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

151014.520 $\pm$ 0.351 χ^2 /NDF: 553774.7/2

151609.908 $\pm$ 0.288 χ^2 /NDF: 5357364.5/3

yield_bpm0i07WS_rms vs slug



Right In: 378.442 $\pm$ 0.248 χ^2 /NDF: 393.5/2

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

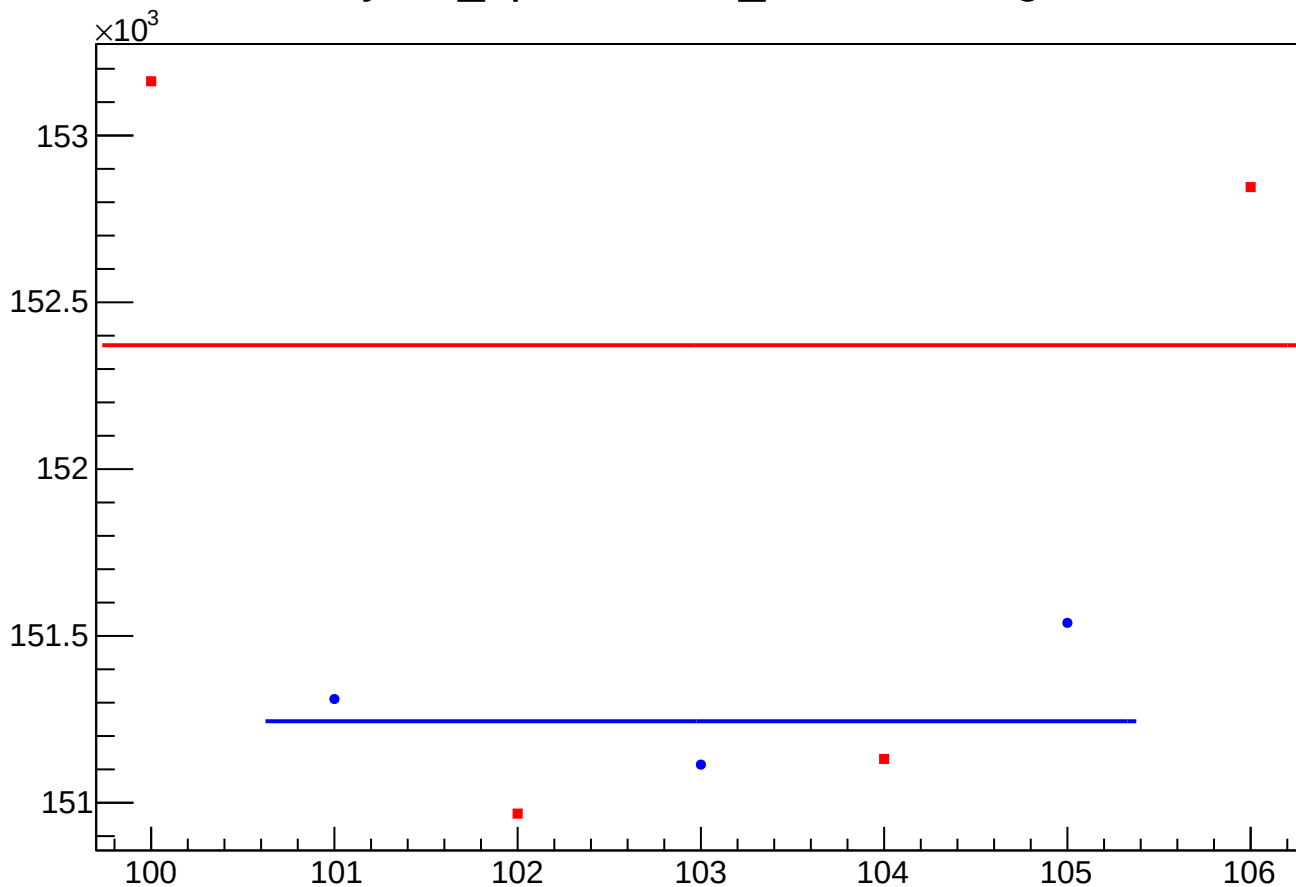
378.442 $\pm$ 0.248 χ^2 /NDF: 393.5/2

Right Out: 324.952 $\pm$ 0.204 χ^2 /NDF: 158043.3/3

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

324.952 $\pm$ 0.204 χ^2 /NDF: 158043.3/3

yield_bpm1i02WS_mean vs slug



Right In: 151244.308 $\pm$ 0.367 χ^2 /NDF: 120369.7/2

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

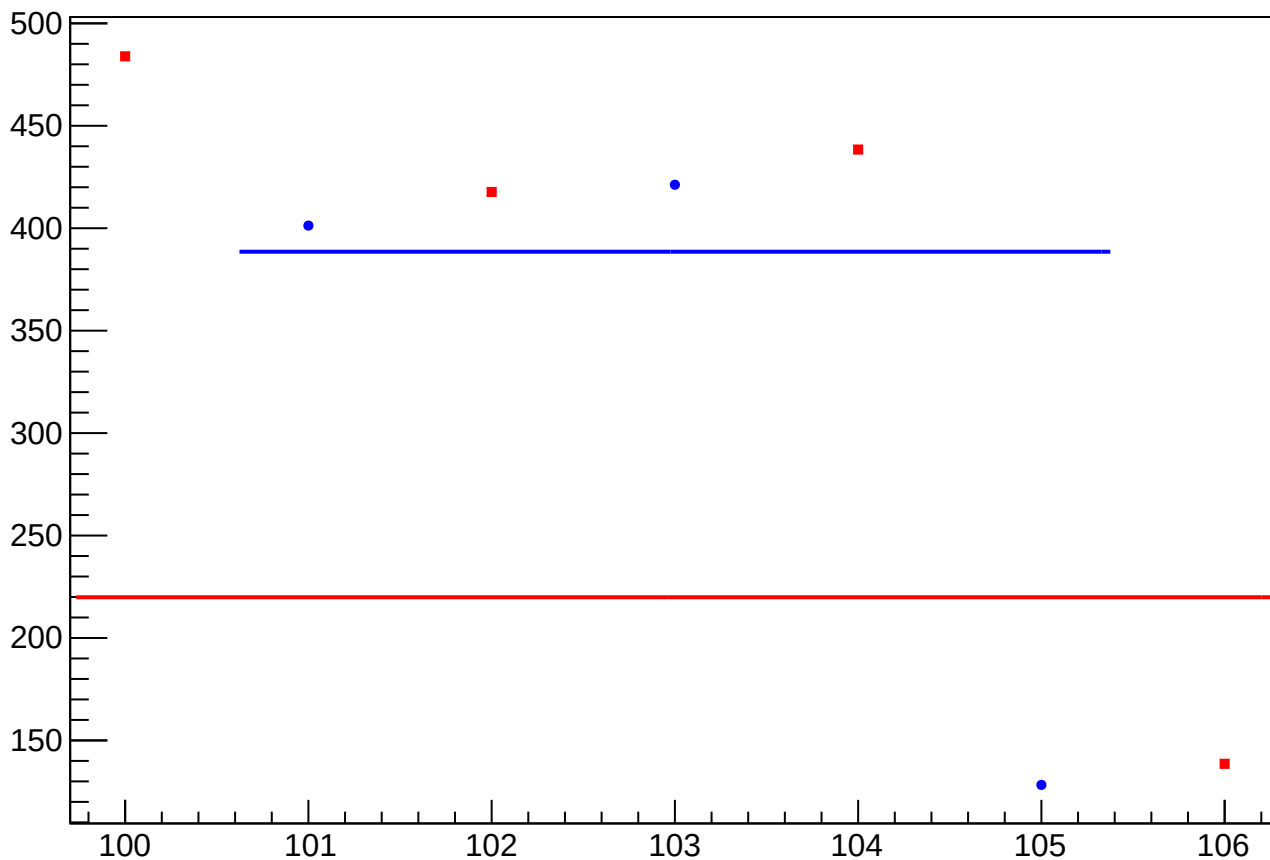
Right Out: 152371.333 $\pm$ 0.216 χ^2 /NDF: 13761132.4/3

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

151244.308 $\pm$ 0.367 χ^2 /NDF: 120369.7/2

152371.333 $\pm$ 0.216 χ^2 /NDF: 13761132.4/3

yield_bpm1i02WS_rms vs slug



Right In: 388.539 $\pm$ 0.260 χ^2 /NDF: 86378.7/2

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

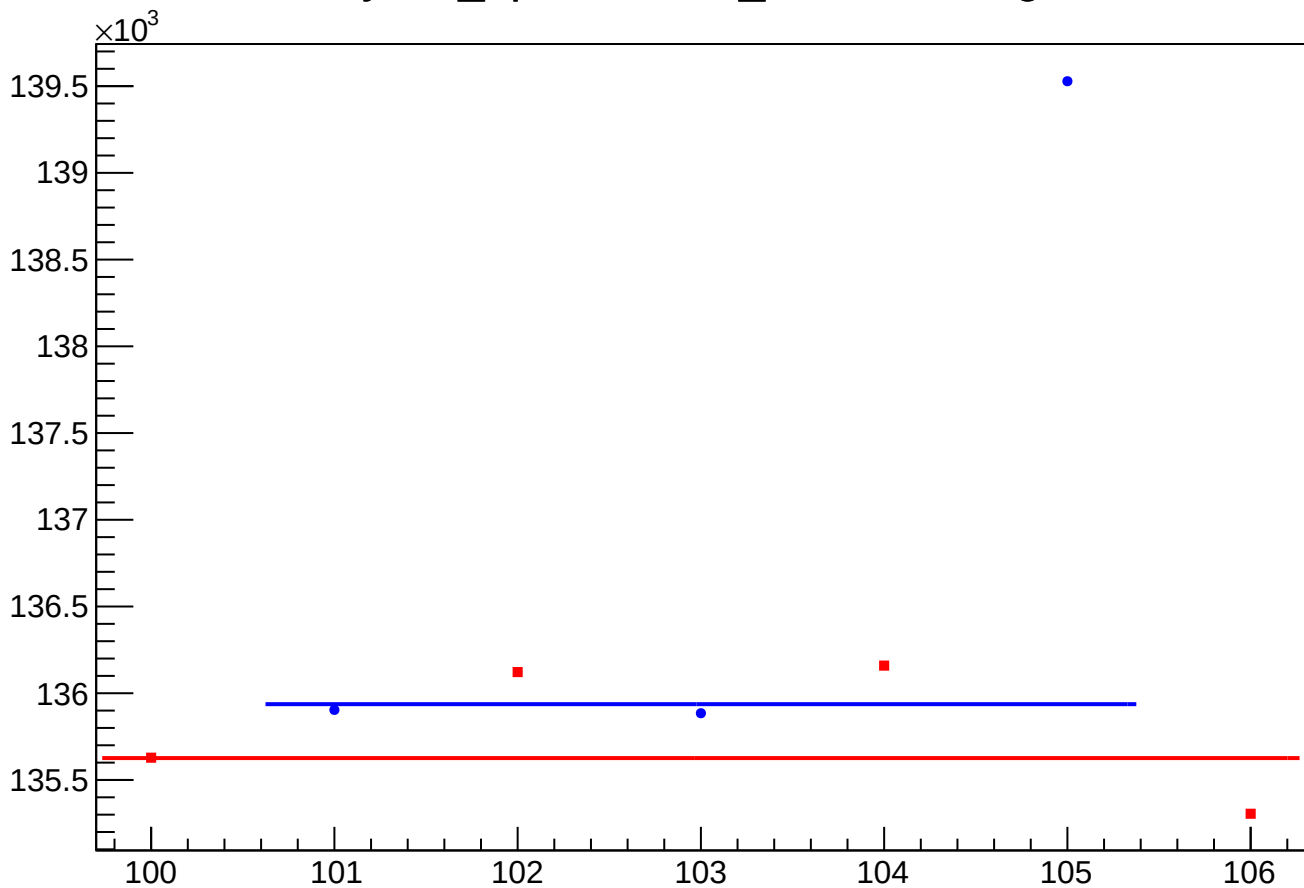
388.539 $\pm$ 0.260 χ^2 /NDF: 86378.7/2

Right Out: 219.882 $\pm$ 0.153 χ^2 /NDF: 735155.4/3

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

219.882 $\pm$ 0.153 χ^2 /NDF: 735155.4/3

yield_bpm1i04WS_mean vs slug



Right In: 135936.995 $\pm$ 0.343 χ^2 /NDF: 1283514.7/2

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

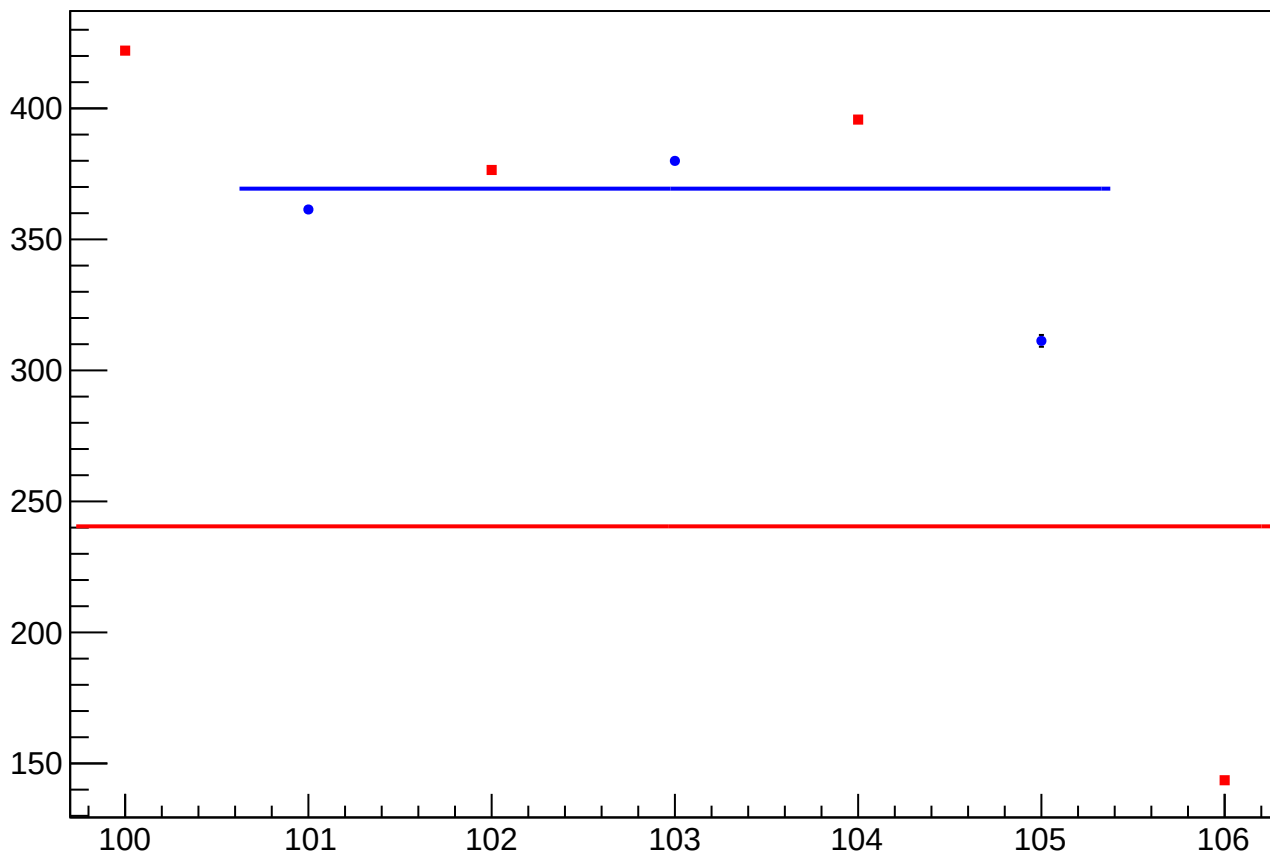
135936.995 $\pm$ 0.343 χ^2 /NDF: 1283514.7/2

Right Out: 135626.124 $\pm$ 0.232 χ^2 /NDF: 2990538.1/3

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

135626.124 $\pm$ 0.232 χ^2 /NDF: 2990538.1/3

yield_bpm1i04WS_rms vs slug



Right In: 369.363+/-0.242 χ^2/NDF : 2111.3/2

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

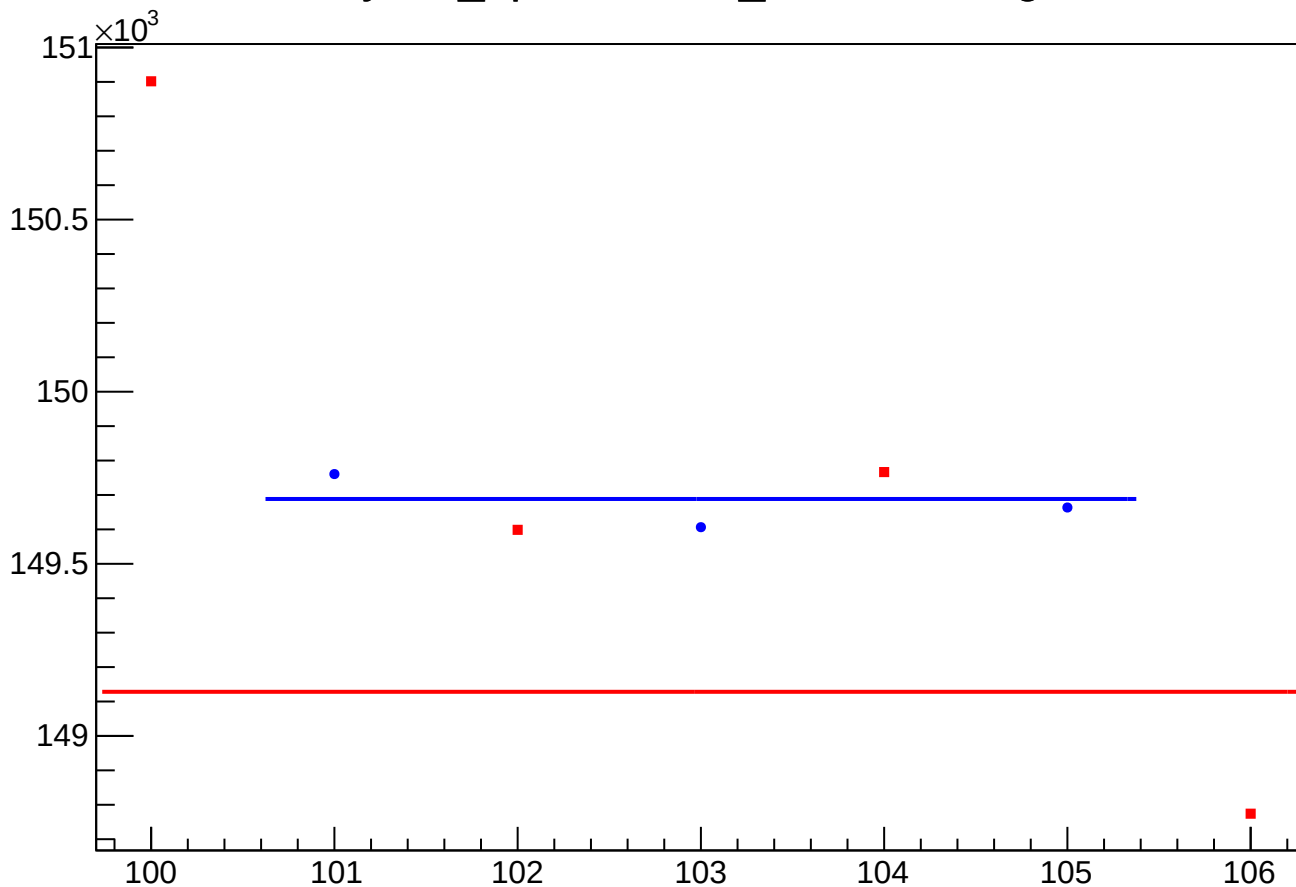
369.363+/-0.242 χ^2/NDF : 2111.3/2

Right Out: 240.484+/-0.164 χ^2/NDF : 529632.7/3

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

240.484+/-0.164 χ^2/NDF : 529632.7/3

yield_bpm1i06WS_mean vs slug



Right In: 149688.369 $\pm$ 0.371 χ^2 /NDF: 41912.8/2

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

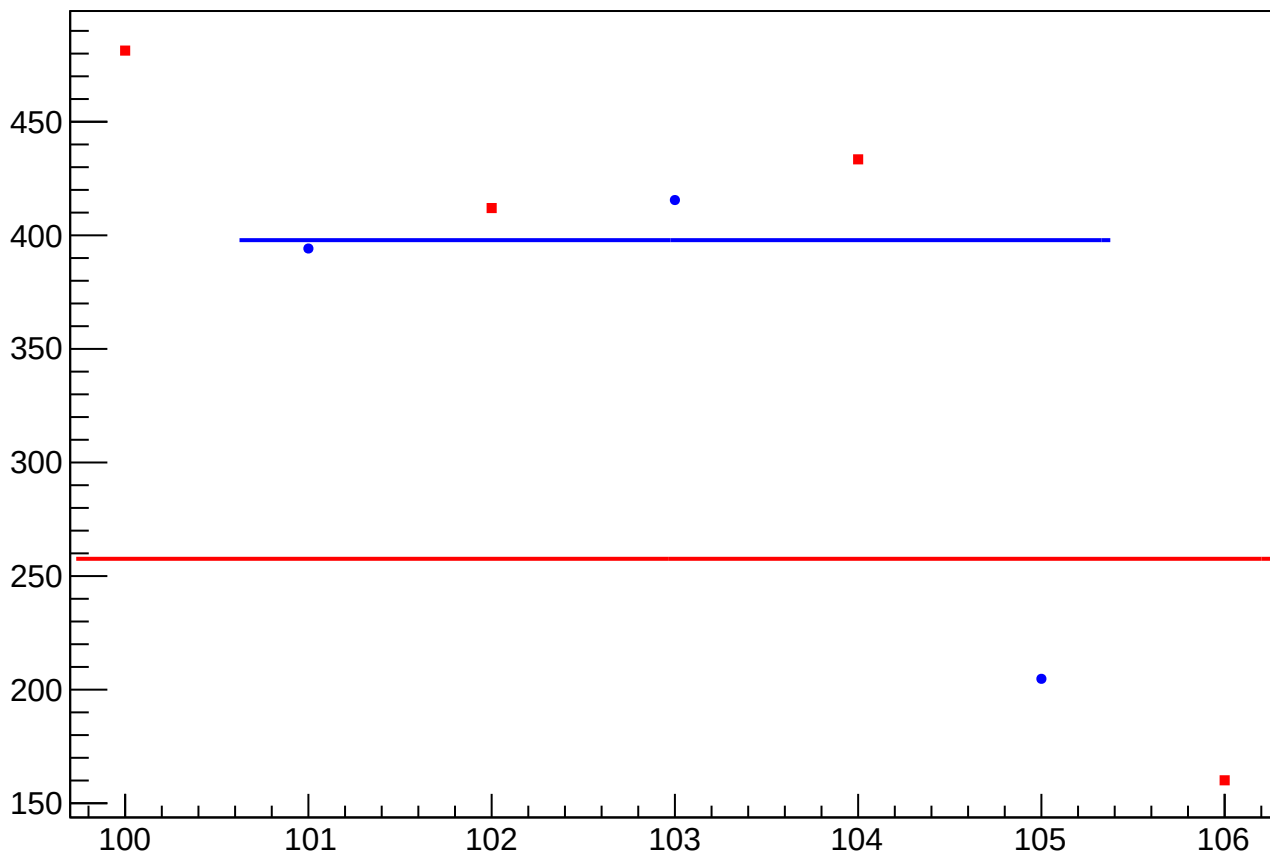
Right Out: 149128.202 $\pm$ 0.245 χ^2 /NDF: 4047296.8/3

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

149688.369 $\pm$ 0.371 χ^2 /NDF: 41912.8/2

149128.202 $\pm$ 0.245 χ^2 /NDF: 4047296.8/3

yield_bpm1i06WS_rms vs slug



Right In: 397.877 $\pm$ 0.262 χ^2 /NDF: 19084.3/2

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

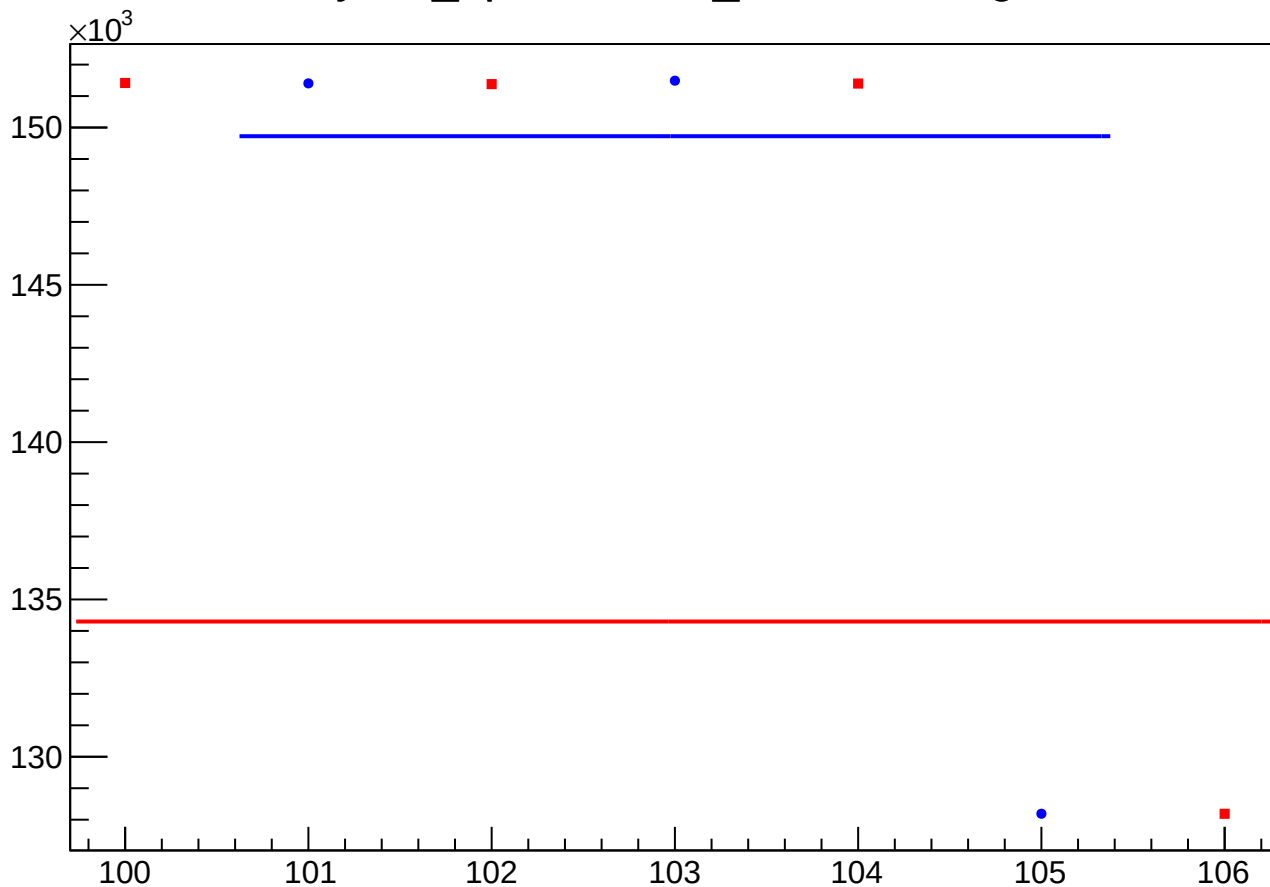
397.877 $\pm$ 0.262 χ^2 /NDF: 19084.3/2

Right Out: 257.603 $\pm$ 0.173 χ^2 /NDF: 545214.1/3

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

257.603 $\pm$ 0.173 χ^2 /NDF: 545214.1/3

yield_bpm2i01WS_mean vs slug



Right In: 149724.134 $\pm$ 0.356 χ^2 /NDF: 291839883.3/2

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

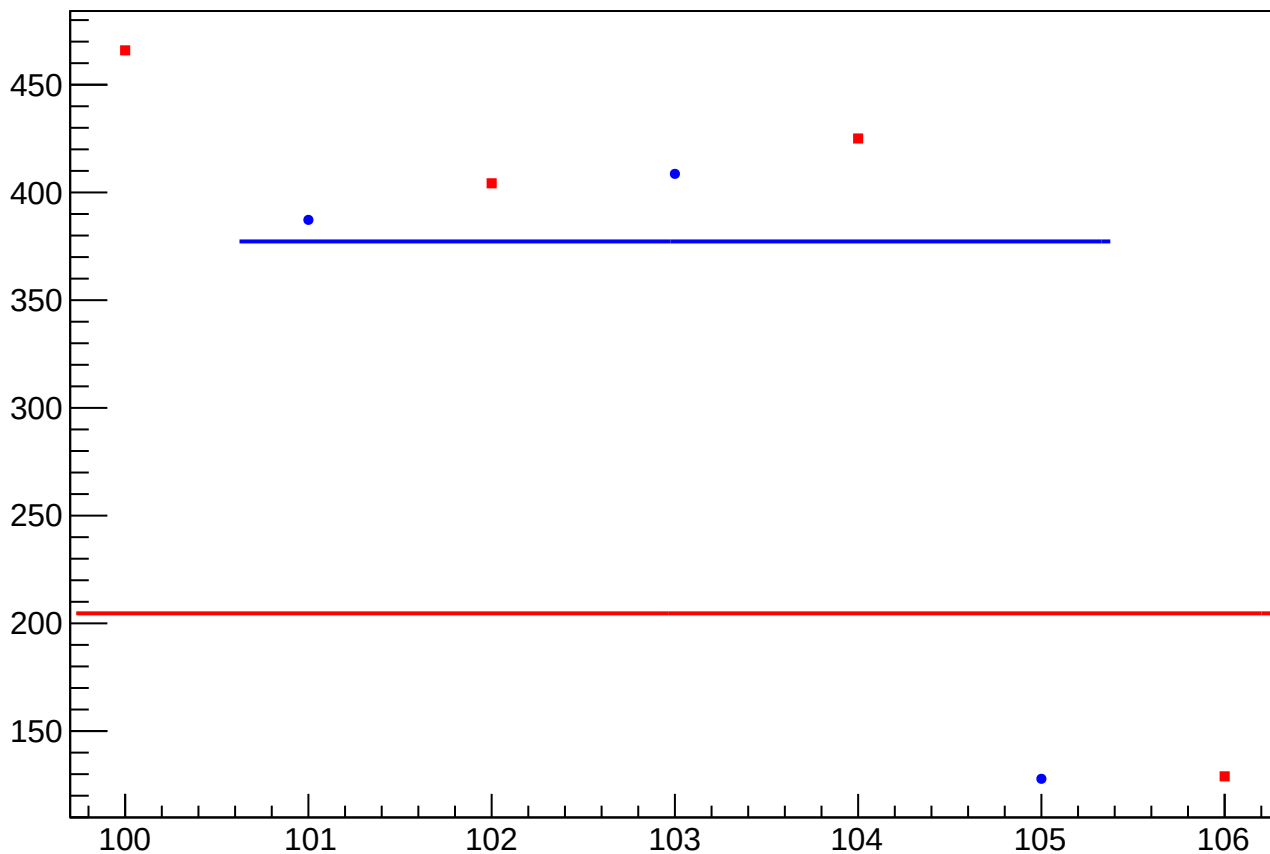
149724.134 $\pm$ 0.356 χ^2 /NDF: 291839883.3/2

Right Out: 134298.471 $\pm$ 0.203 χ^2 /NDF: 2531770343.6/3

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

134298.471 $\pm$ 0.203 χ^2 /NDF: 2531770343.6/3

yield_bpm2i01WS_rms vs slug



Right In: 377.260 $\pm$ 0.252 χ^2 /NDF: 79943.6/2

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

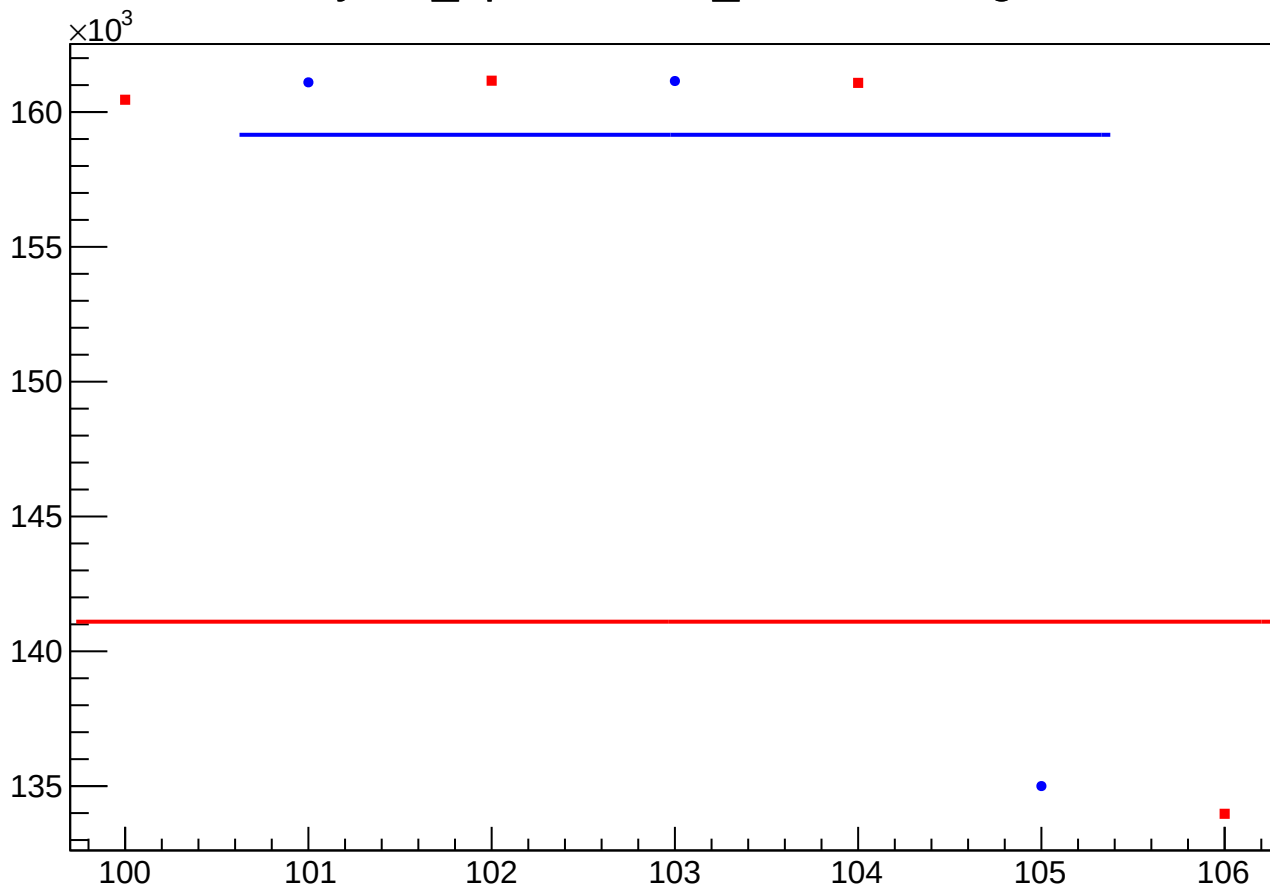
Right Out: 204.646 $\pm$ 0.144 χ^2 /NDF: 778995.8/3

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

377.260 $\pm$ 0.252 χ^2 /NDF: 79943.6/2

204.646 $\pm$ 0.144 χ^2 /NDF: 778995.8/3

yield_bpm2i02WS_mean vs slug



Right In: 159156.828 $\pm$ 0.376 χ^2 /NDF: 336930609.5/2

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

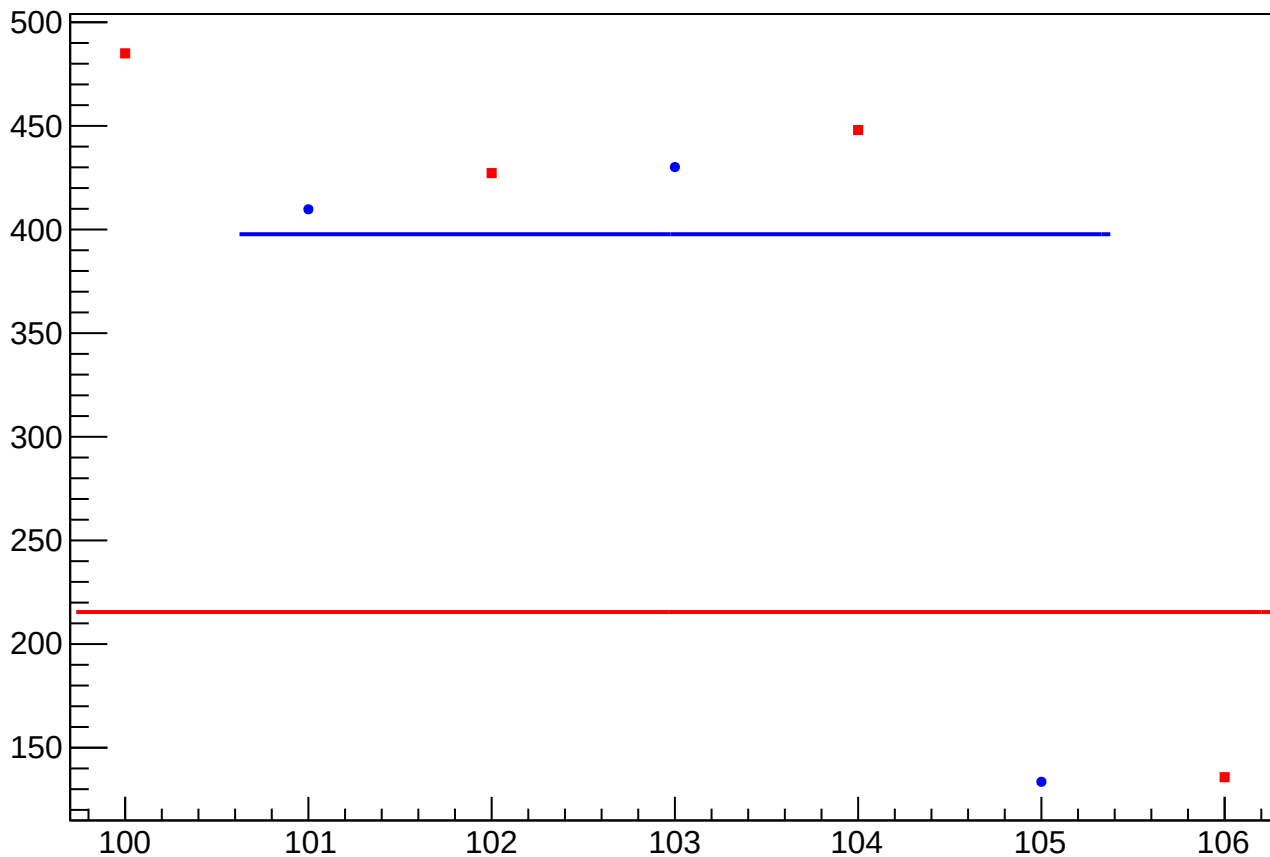
159156.828 $\pm$ 0.376 χ^2 /NDF: 336930609.5/2

Right Out: 141098.742 $\pm$ 0.214 χ^2 /NDF: 3111073442.4/3

141098.742 $\pm$ 0.214 χ^2 /NDF: 3111073442.4/3

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

yield_bpm2i02WS_rms vs slug



Right In: 397.730 $\pm$ 0.266 χ^2 /NDF: 81949.6/2

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

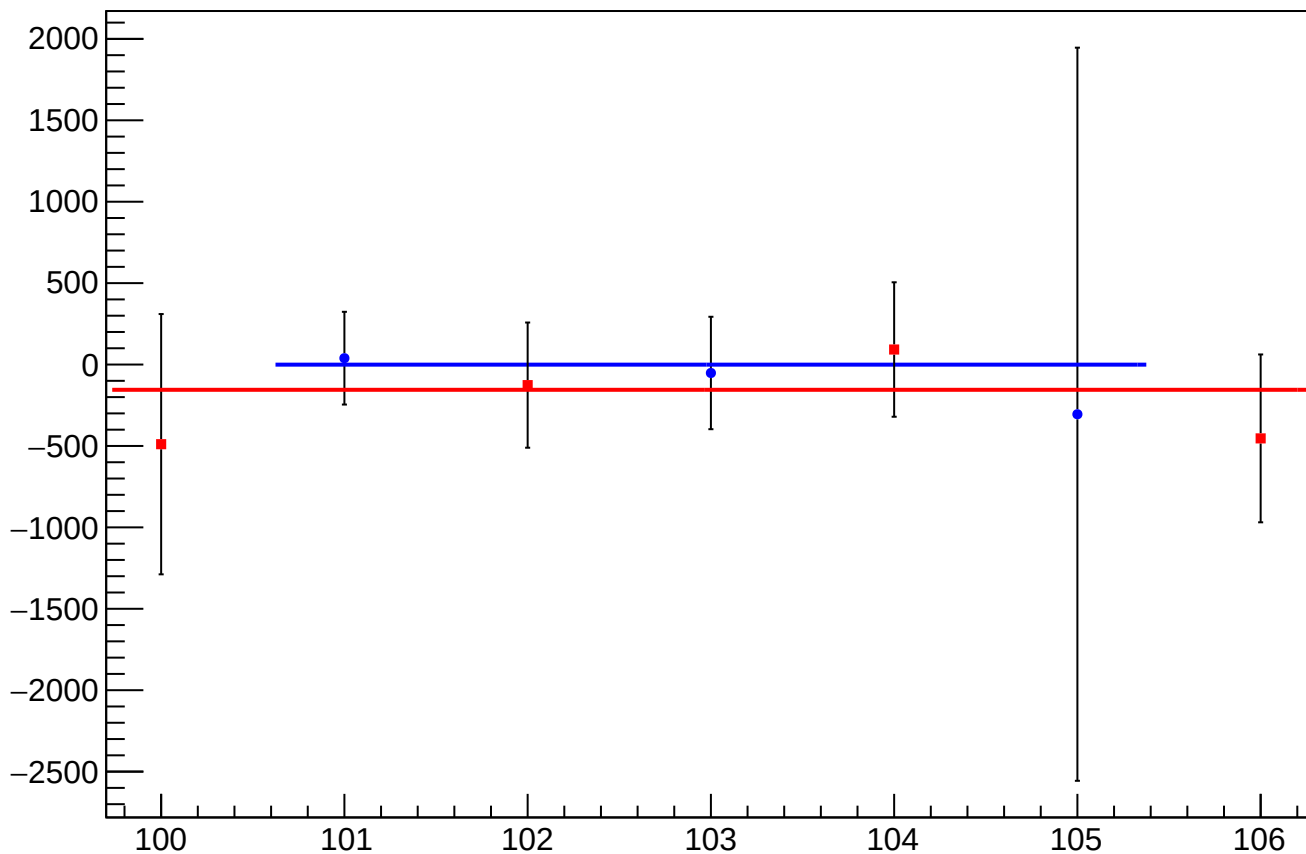
Right Out: 215.463 $\pm$ 0.151 χ^2 /NDF: 780827.0/3

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

397.730 $\pm$ 0.266 χ^2 /NDF: 81949.6/2

215.463 $\pm$ 0.151 χ^2 /NDF: 780827.0/3

asym_bcm_an_ds_mean vs slug



Right In: -0.620+/-218.646 χ^2 /NDF: 0.1/2

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

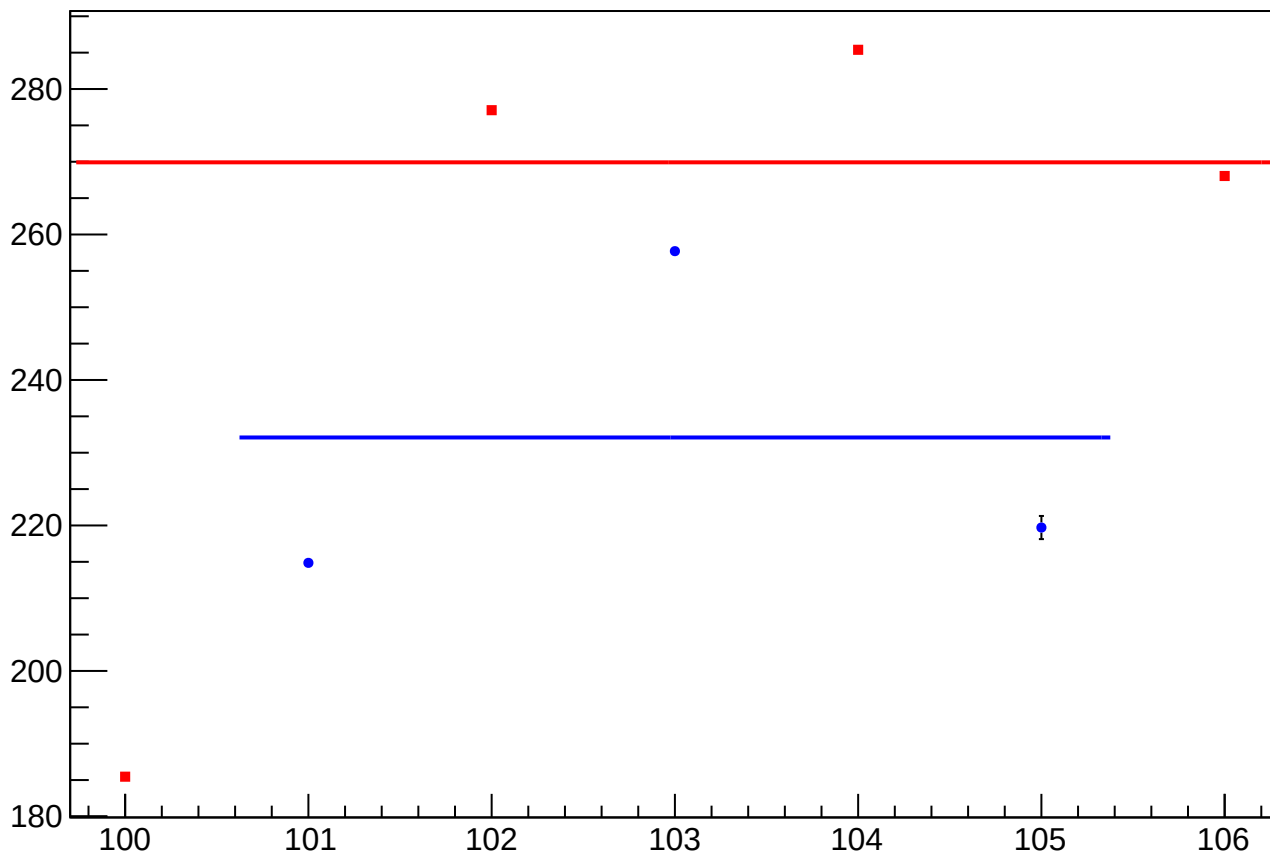
Right Out: -155.116+/-235.955 χ^2 /NDF: 0.9/3

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

-0.620+/-218.646 χ^2 /NDF: 0.1/2

-155.116+/-235.955 χ^2 /NDF: 0.9/3

asym_bcm_an_ds_rms vs slug



Right In: 232.096 $\pm$ 0.155 χ^2 /NDF: 18397.9/2

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

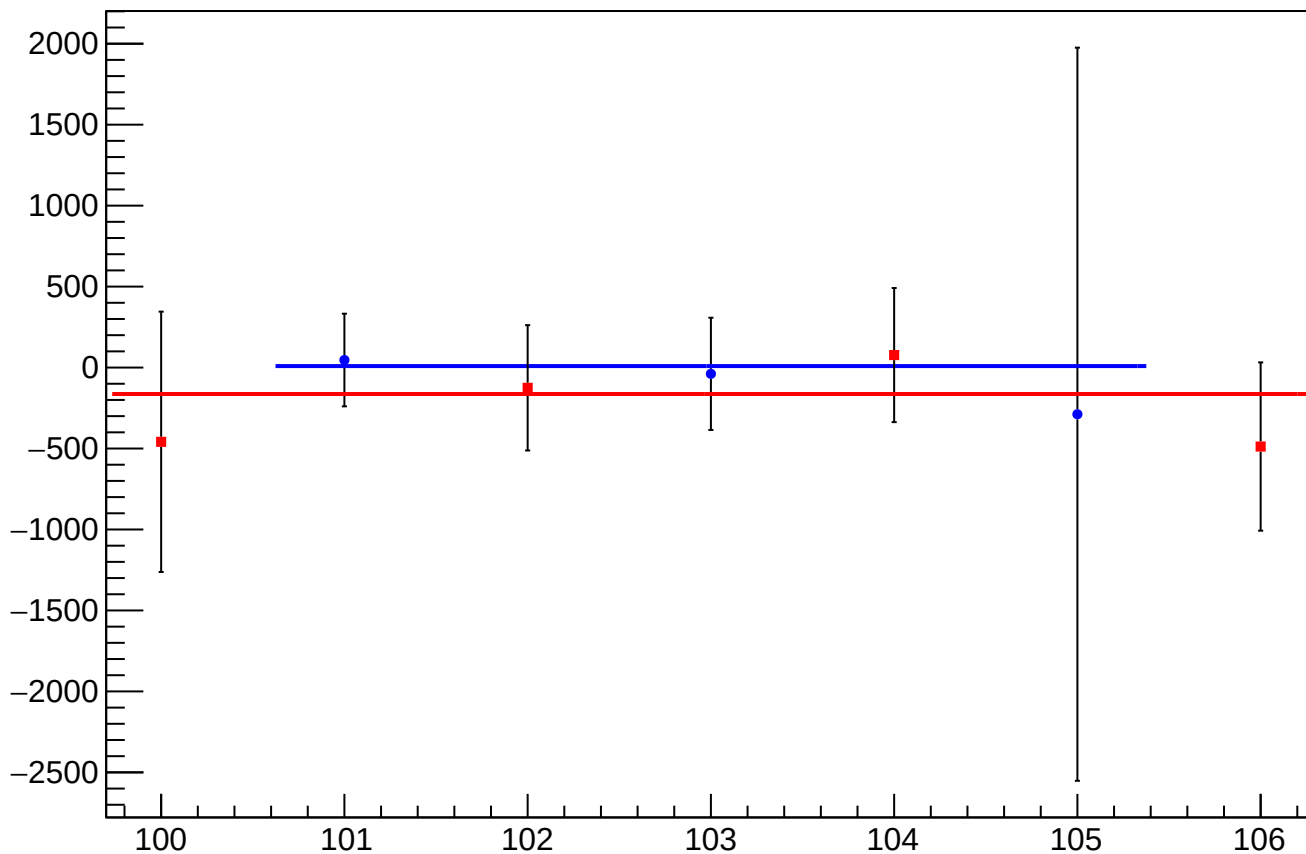
Right Out: 269.920 $\pm$ 0.167 χ^2 /NDF: 25860.1/3

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

232.096 $\pm$ 0.155 χ^2 /NDF: 18397.9/2

269.920 $\pm$ 0.167 χ^2 /NDF: 25860.1/3

asym_bcm_an_ds3_mean vs slug



Right In: 9.124+/-219.565 χ^2/NDF : 0.1/2

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

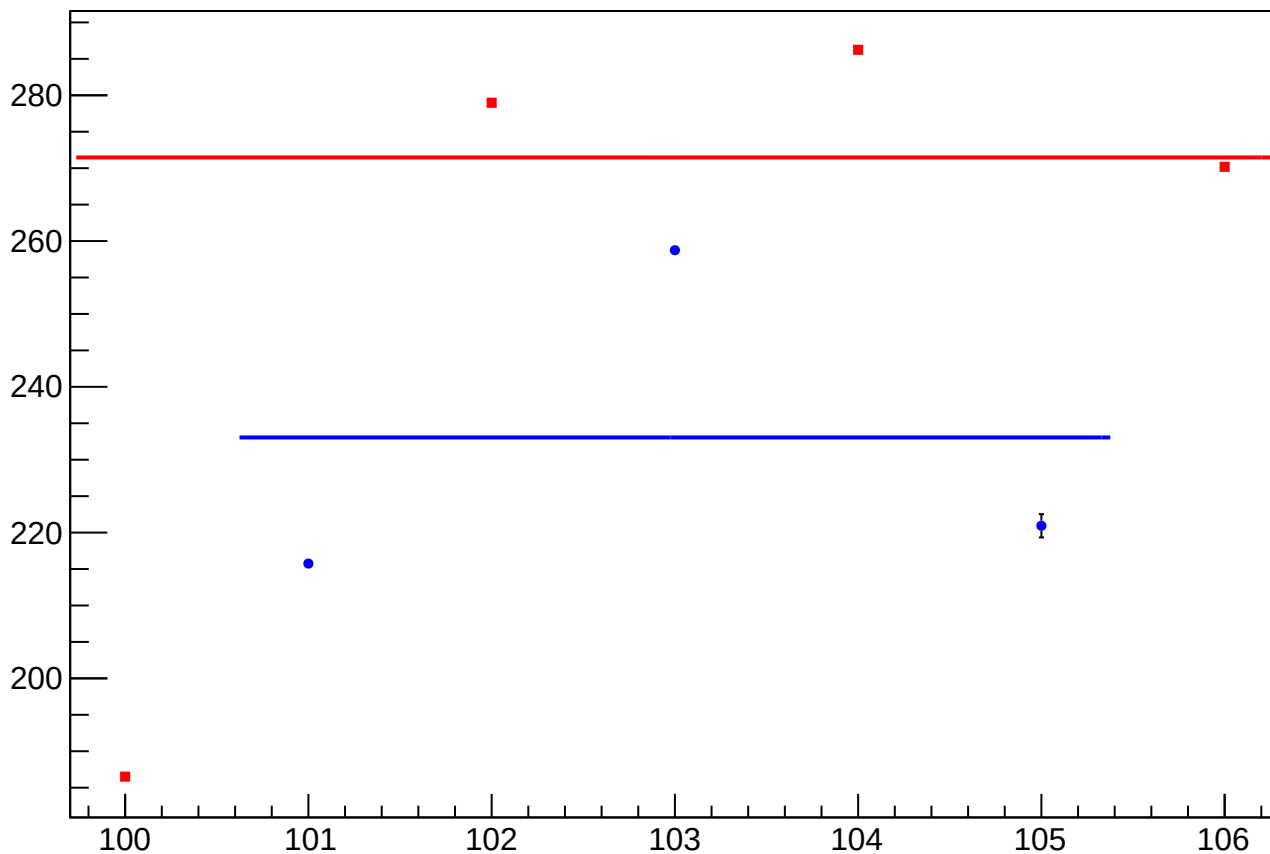
Right Out: -163.392+/-237.313 χ^2/NDF : 0.9/3

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

9.124+/-219.565 χ^2/NDF : 0.1/2

-163.392+/-237.313 χ^2/NDF : 0.9/3

asym_bcm_an_ds3_rms vs slug



Right In: 233.052 $\pm$ 0.155 χ^2 /NDF: 18366.7/2

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

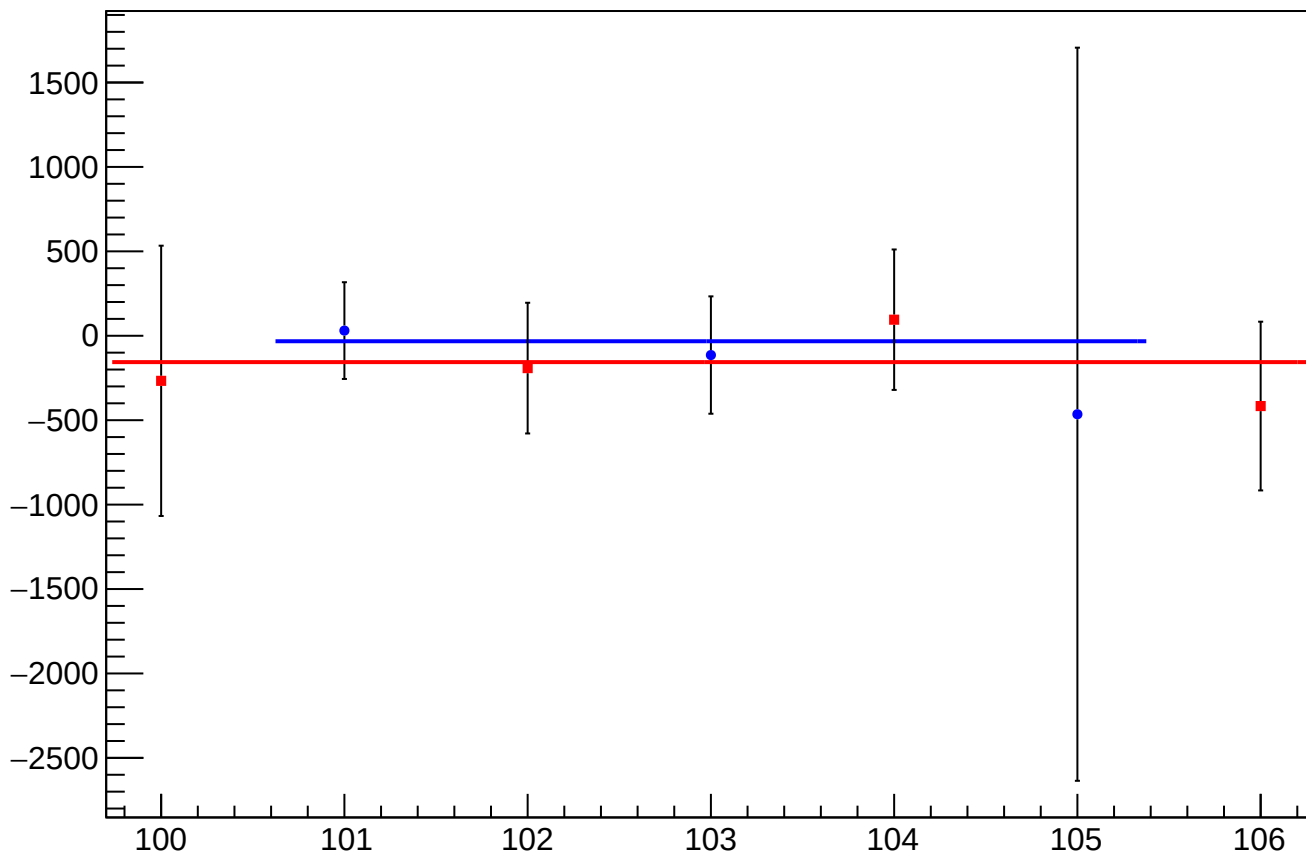
Right Out: 271.471 $\pm$ 0.168 χ^2 /NDF: 25642.6/3

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

233.052 $\pm$ 0.155 χ^2 /NDF: 18366.7/2

271.471 $\pm$ 0.168 χ^2 /NDF: 25642.6/3

asym_bcm_an_us_mean vs slug



Right In: -32.416+/-219.928 χ^2/NDF : 0.1/2

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

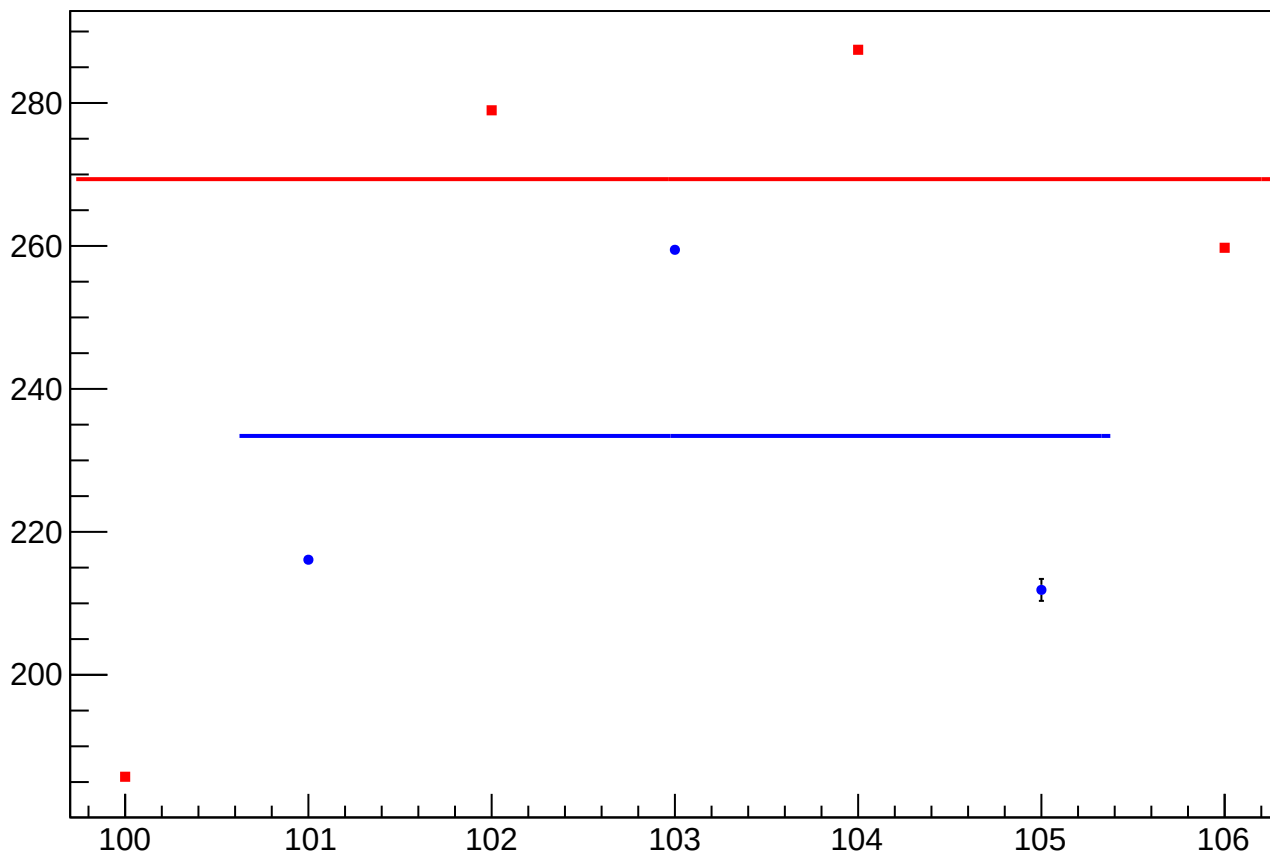
Right Out: -156.035+/-235.548 χ^2/NDF : 0.7/3

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

-32.416+/-219.928 χ^2/NDF : 0.1/2

-156.035+/-235.548 χ^2/NDF : 0.7/3

asym_bcm_an_us_rms vs slug



Right In: 233.421+/-0.156 χ^2/NDF : 18732.9/2

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

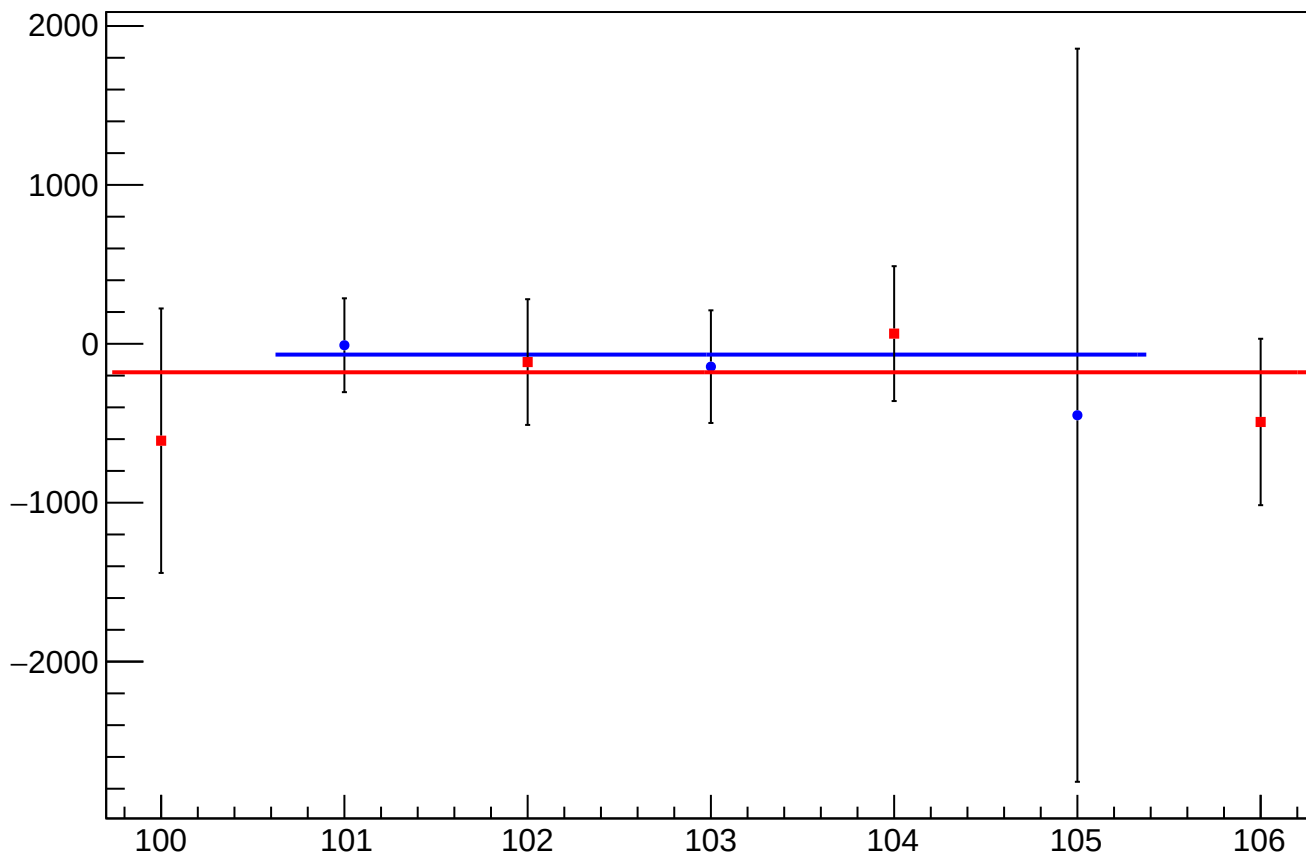
Right Out: 269.345+/-0.167 χ^2/NDF : 27584.0/3

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

233.421+/-0.156 χ^2/NDF : 18732.9/2

269.345+/-0.167 χ^2/NDF : 27584.0/3

asym_bcm_dg_us_mean vs slug



Right In: -67.932 ± 225.790 χ^2/NDF : 0.1/2

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

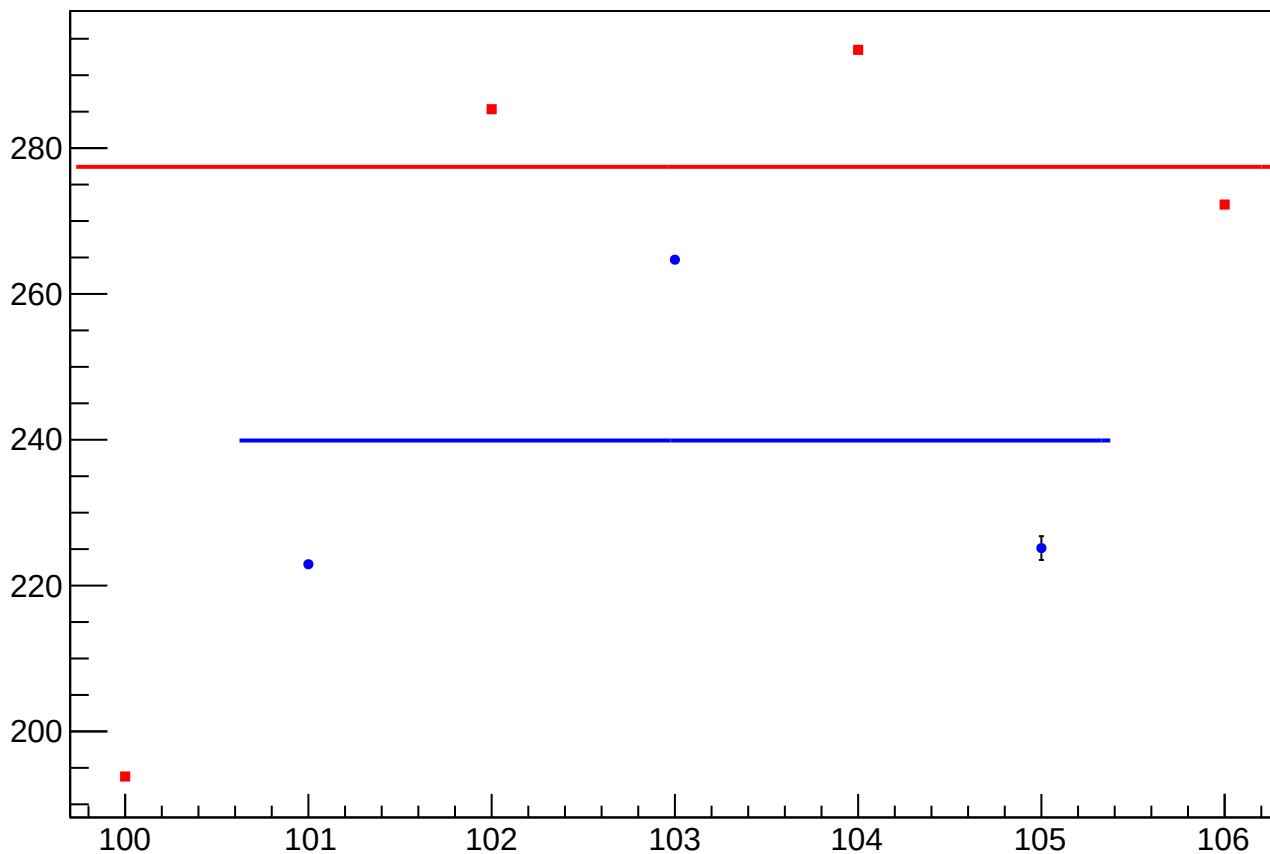
Right Out: -179.253 ± 242.296 χ^2/NDF : 1.0/3

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

-67.932 ± 225.790 χ^2/NDF : 0.1/2

-179.253 ± 242.296 χ^2/NDF : 1.0/3

asym_bcm_dg_us_rms vs slug



Right In: 239.900 $\pm$ 0.160 χ^2 /NDF: 16476.1/2

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

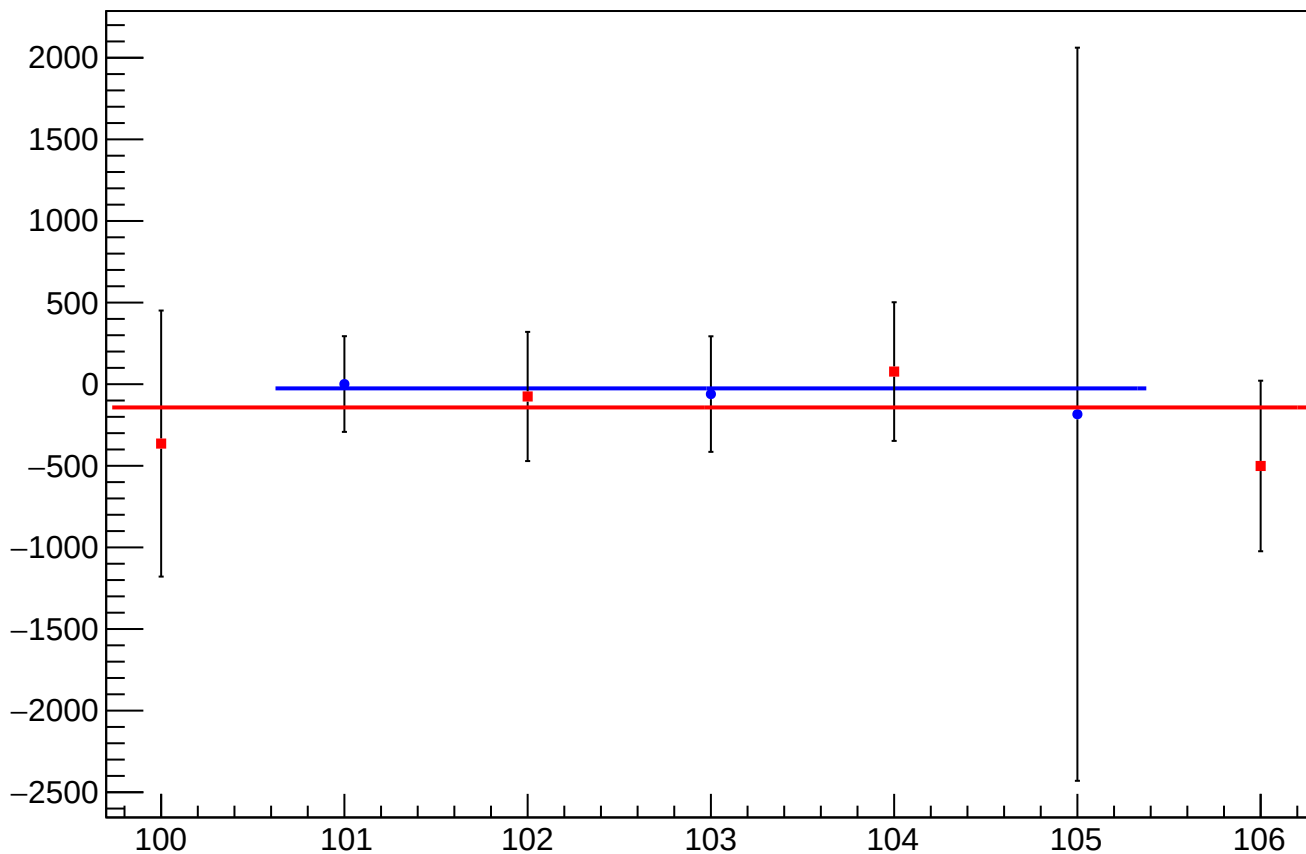
Right Out: 277.434 $\pm$ 0.171 χ^2 /NDF: 24041.4/3

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

239.900 $\pm$ 0.160 χ^2 /NDF: 16476.1/2

277.434 $\pm$ 0.171 χ^2 /NDF: 24041.4/3

asym_bcm_dg_ds_mean vs slug



Right In: -25.678 $\pm$ 224.678 χ^2 /NDF: 0.0/2

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

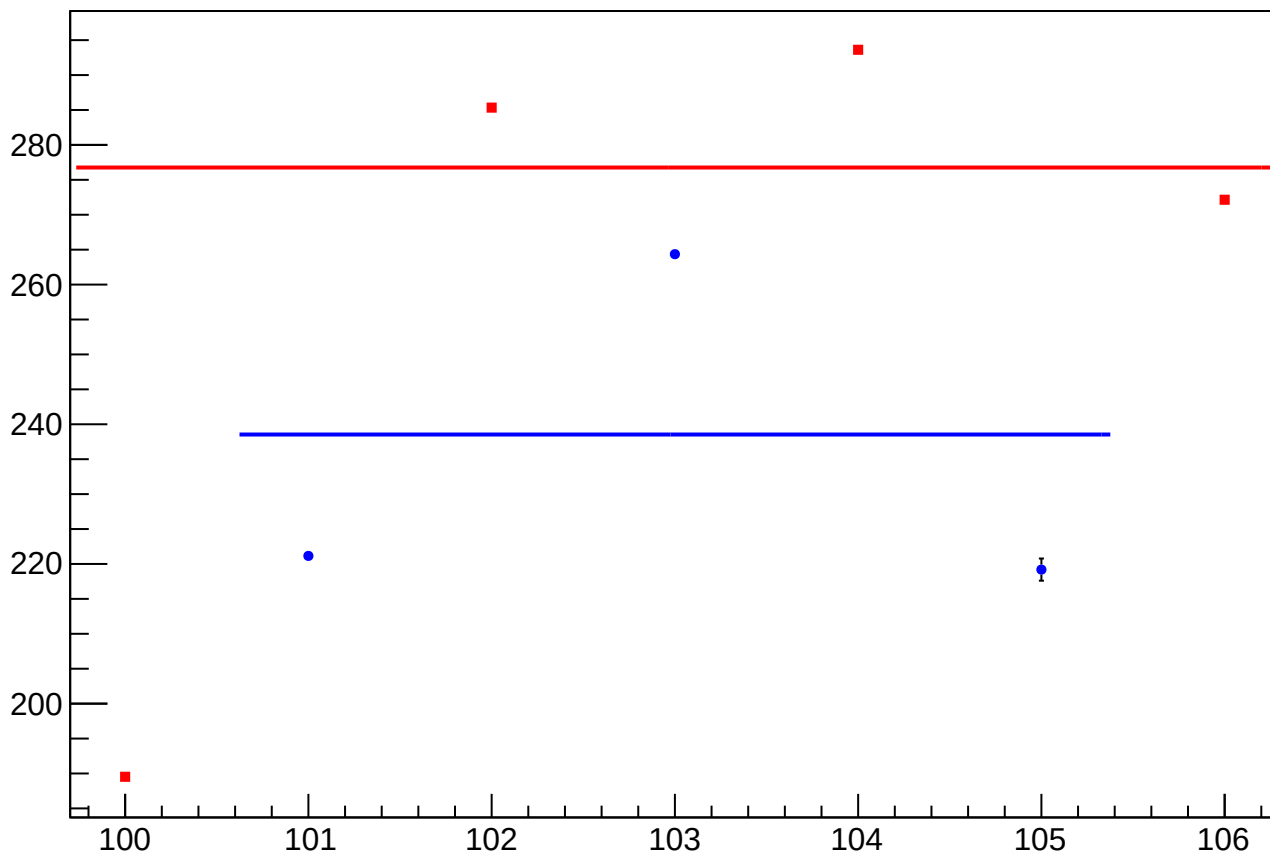
Right Out: -142.415 $\pm$ 241.852 χ^2 /NDF: 0.8/3

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

-25.678 $\pm$ 224.678 χ^2 /NDF: 0.0/2

-142.415 $\pm$ 241.852 χ^2 /NDF: 0.8/3

asym_bcm_dg_ds_rms vs slug



Right In: 238.533 $\pm$ 0.159 χ^2 /NDF: 17814.1/2

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

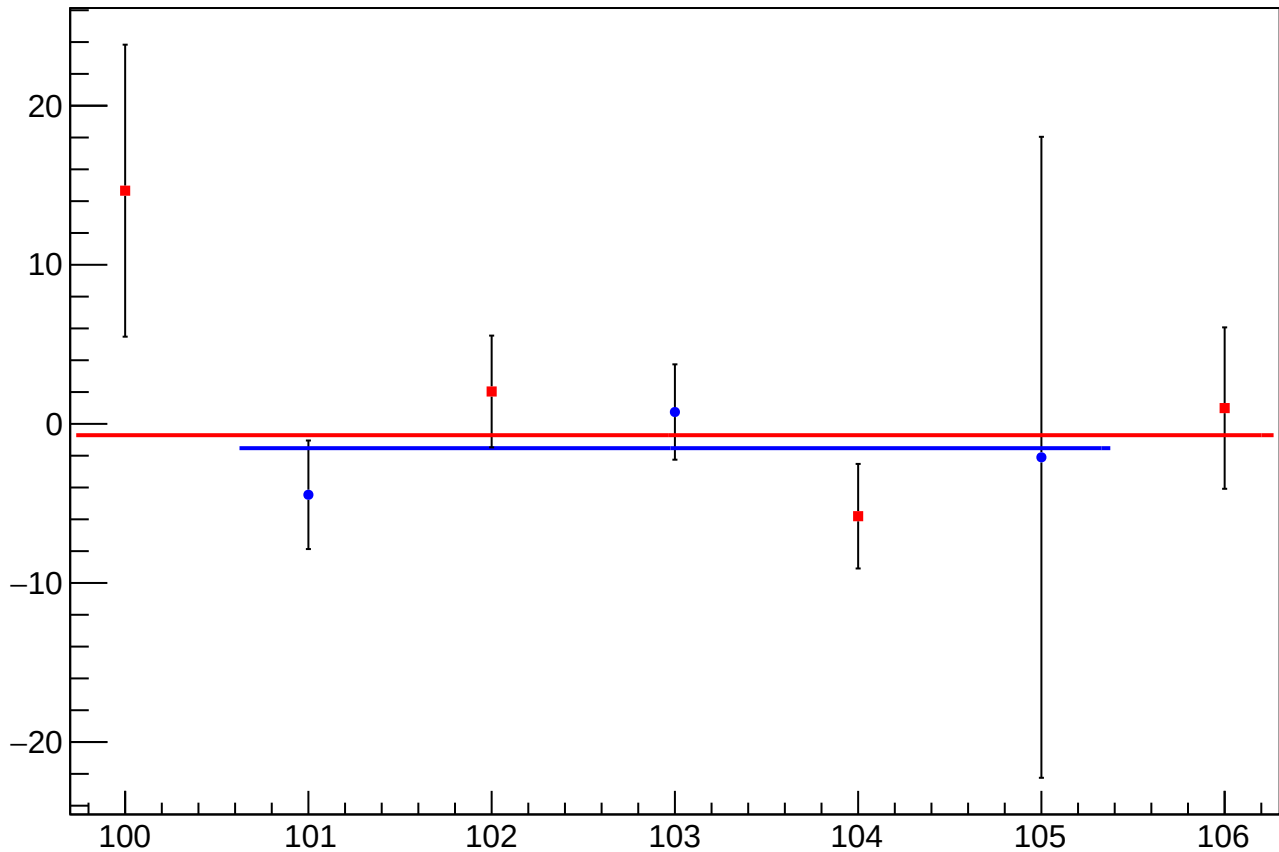
Right Out: 276.762 $\pm$ 0.171 χ^2 /NDF: 27156.9/3

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

238.533 $\pm$ 0.159 χ^2 /NDF: 17814.1/2

276.762 $\pm$ 0.171 χ^2 /NDF: 27156.9/3

asym_cav4bQ_mean vs slug



Right In: -1.527 $\pm$ 2.238 χ^2 /NDF: 1.3/2

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

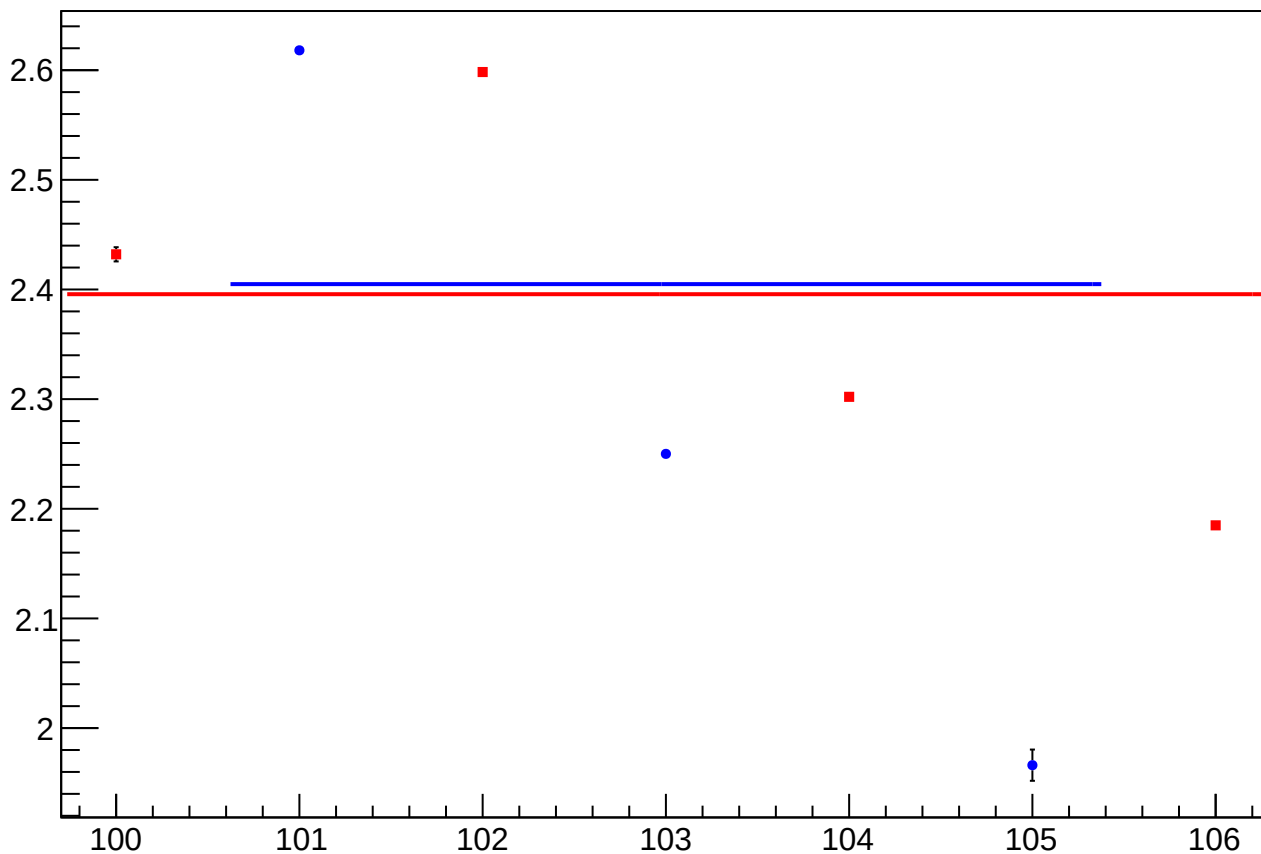
Right Out: -0.712 $\pm$ 2.111 χ^2 /NDF: 5.9/3

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

-1.527 $\pm$ 2.238 χ^2 /NDF: 1.3/2

-0.712 $\pm$ 2.111 χ^2 /NDF: 5.9/3

asym_cav4bQ_rms vs slug



Right In: 2.405+/-0.002 χ^2/NDF : 14098.3/2

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

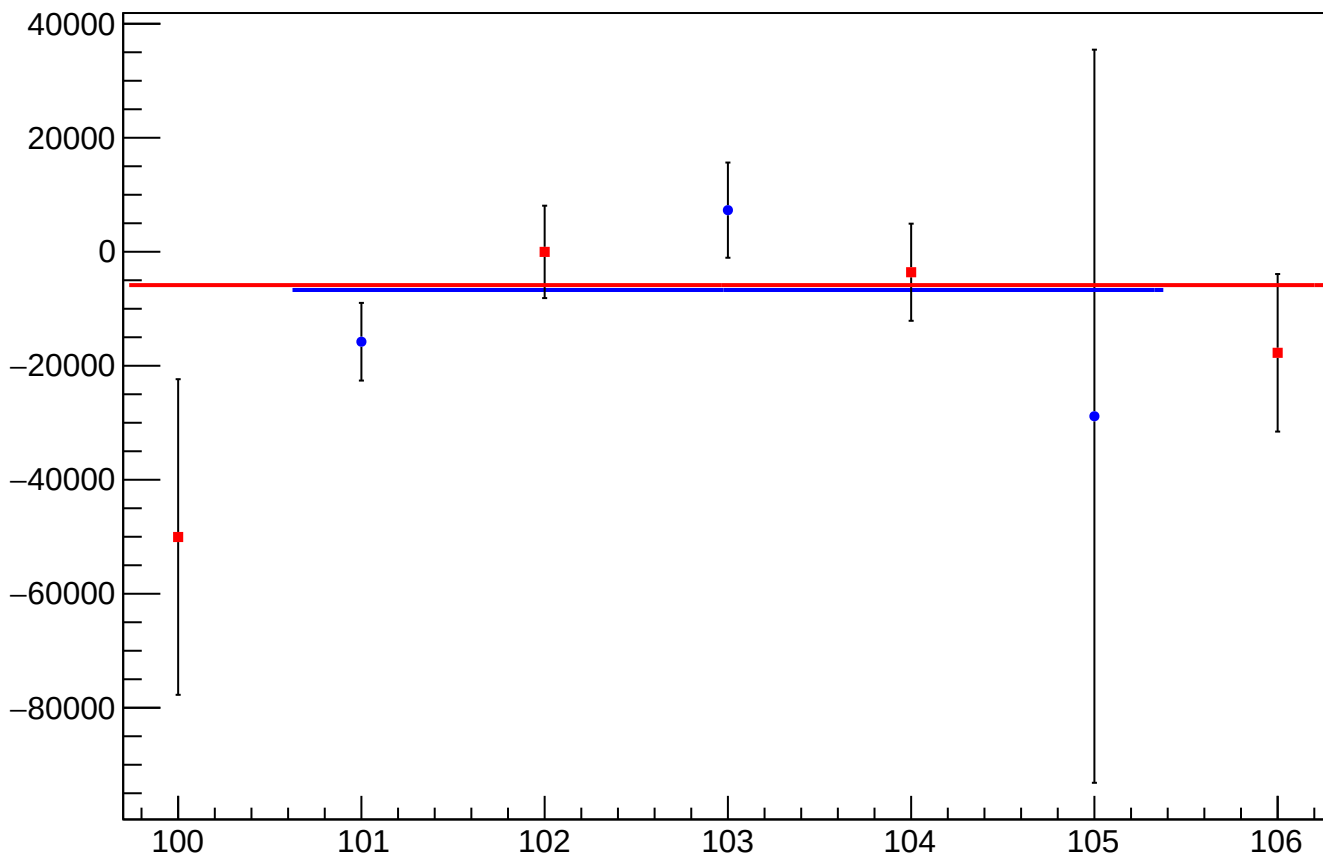
Right Out: 2.396+/-0.001 χ^2/NDF : 11761.9/3

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

2.405+/-0.002 χ^2/NDF : 14098.3/2

2.396+/-0.001 χ^2/NDF : 11761.9/3

asym_cav4cQ_mean vs slug



Right In: -6707.110+/-5261.489 χ^2 /NDF: 4.7/2

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

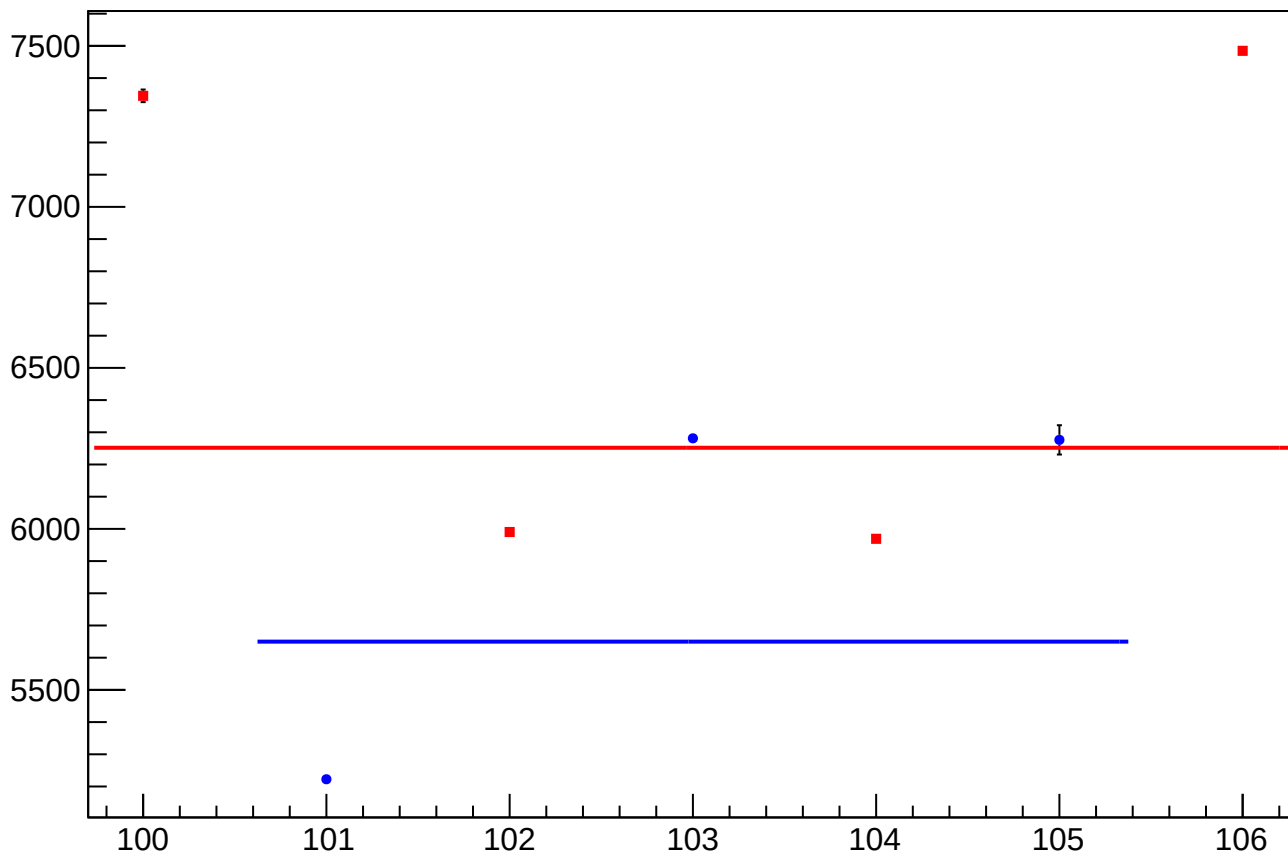
Right Out: -5849.152+/-5304.218 χ^2 /NDF: 3.9/3

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

-6707.110+/-5261.489 χ^2 /NDF: 4.7/2

-5849.152+/-5304.218 χ^2 /NDF: 3.9/3

asym_cav4cQ_rms vs slug



Right In: 5649.881+/-3.720 χ^2/NDF : 19491.5/2

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

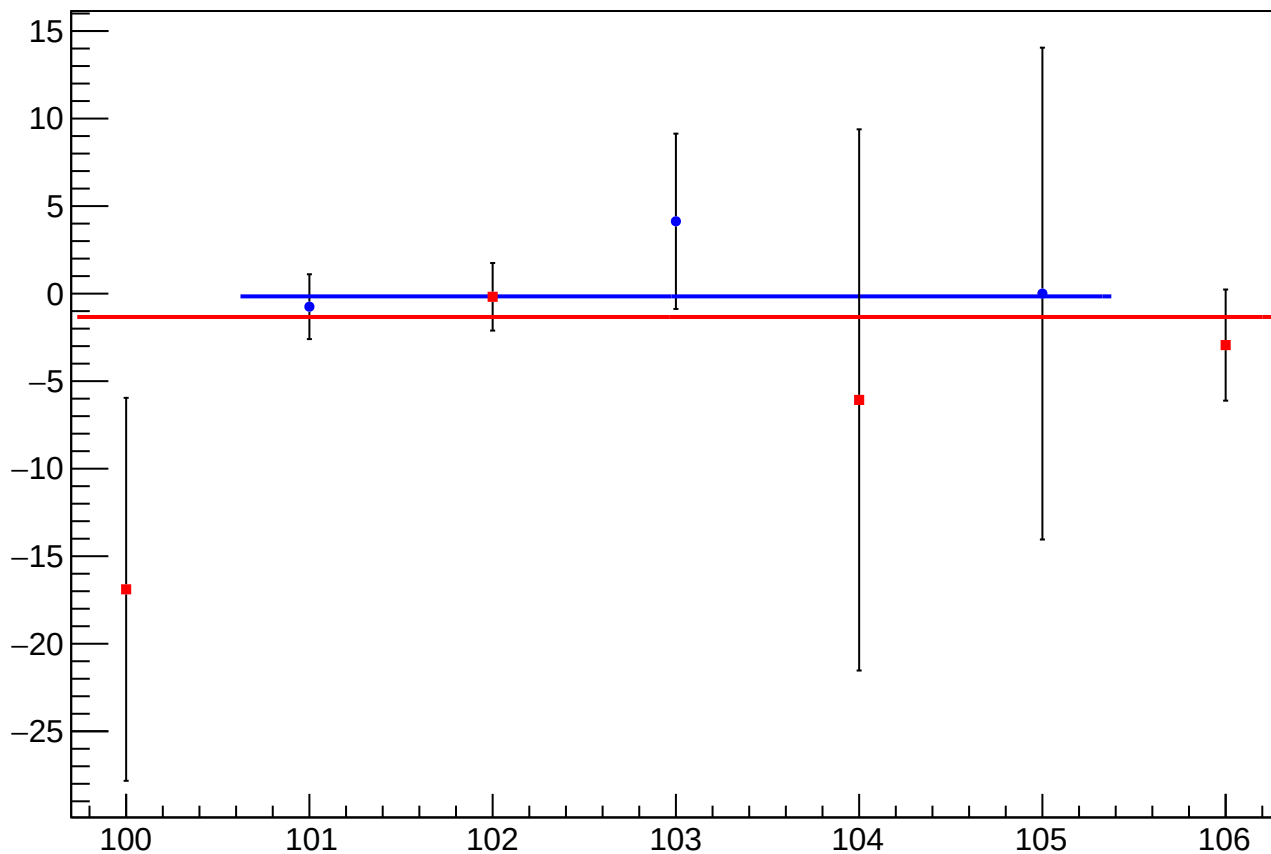
Right Out: 6251.961+/-3.751 χ^2/NDF : 23313.3/3

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

5649.881+/-3.720 χ^2/NDF : 19491.5/2

6251.961+/-3.751 χ^2/NDF : 23313.3/3

asym_cav4dQ_mean vs slug



Right In: -0.157+/-1.724 χ^2/NDF : 0.8/2

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

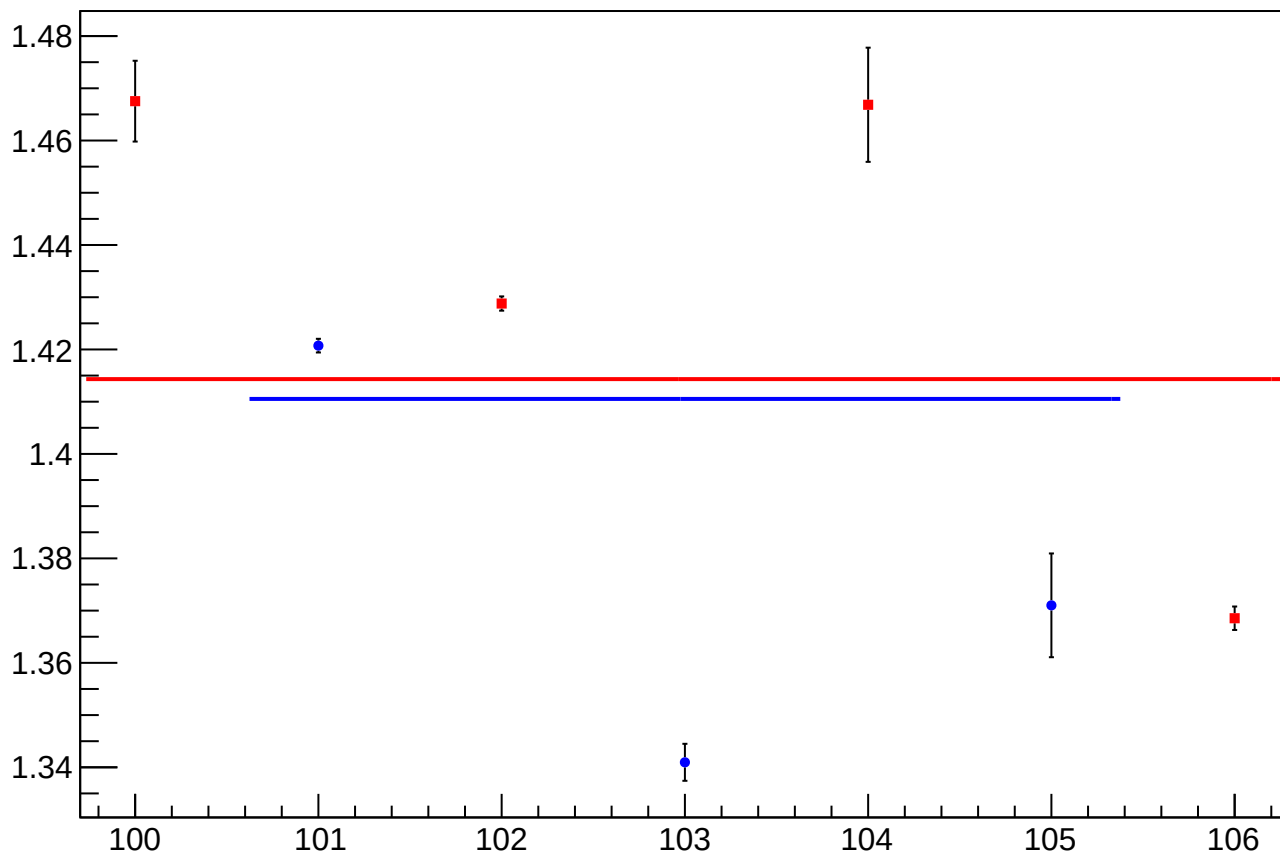
Right Out: -1.334+/-1.623 χ^2/NDF : 2.7/3

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

-0.157+/-1.724 χ^2/NDF : 0.8/2

-1.334+/-1.623 χ^2/NDF : 2.7/3

asym_cav4dQ_rms vs slug



Right In: 1.411+/-0.001 χ^2/NDF : 462.6/2

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

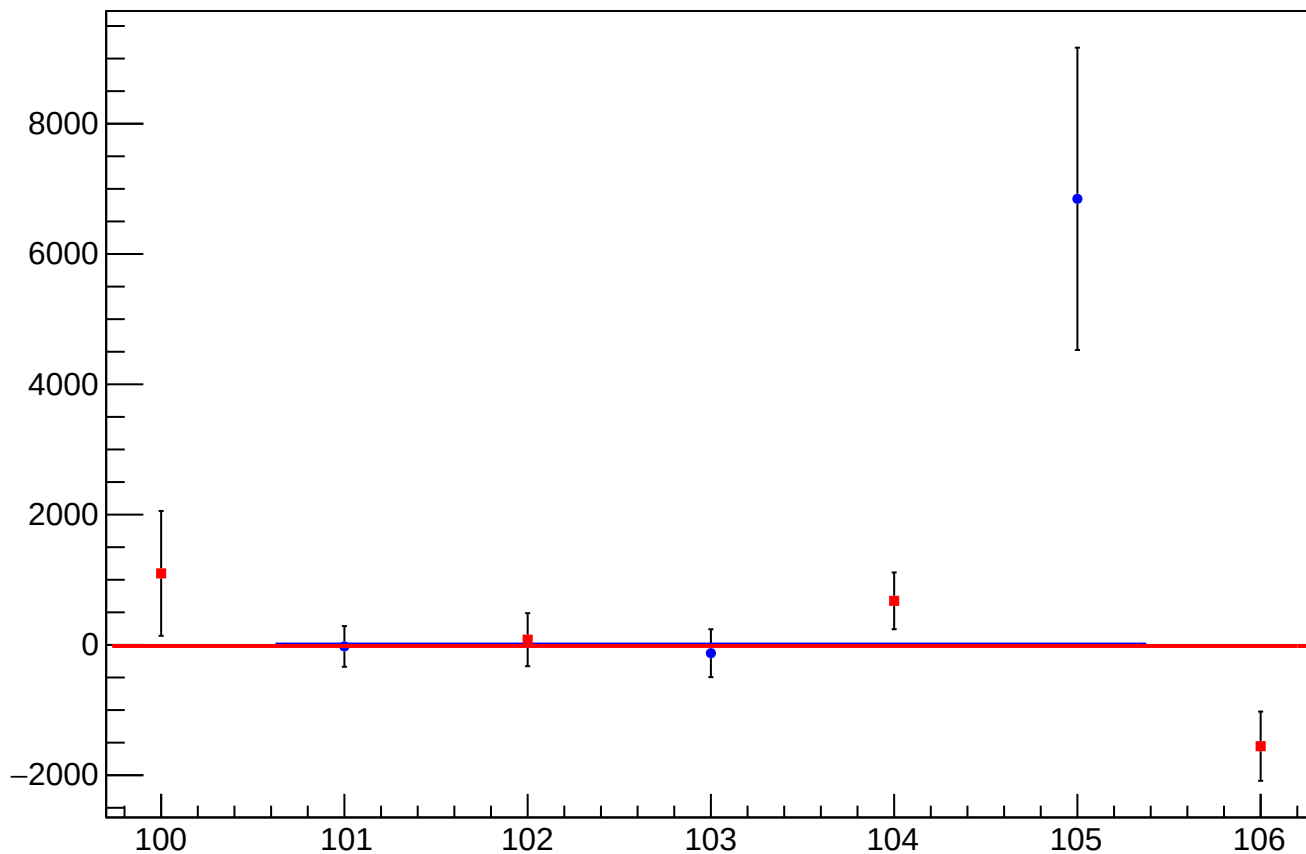
Right Out: 1.414+/-0.001 χ^2/NDF : 598.6/3

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

1.411+/-0.001 χ^2/NDF : 462.6/2

1.414+/-0.001 χ^2/NDF : 598.6/3

asym_bcm0l02_mean vs slug



Right In: 5.285+/-236.656 χ^2/NDF : 8.8/2

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

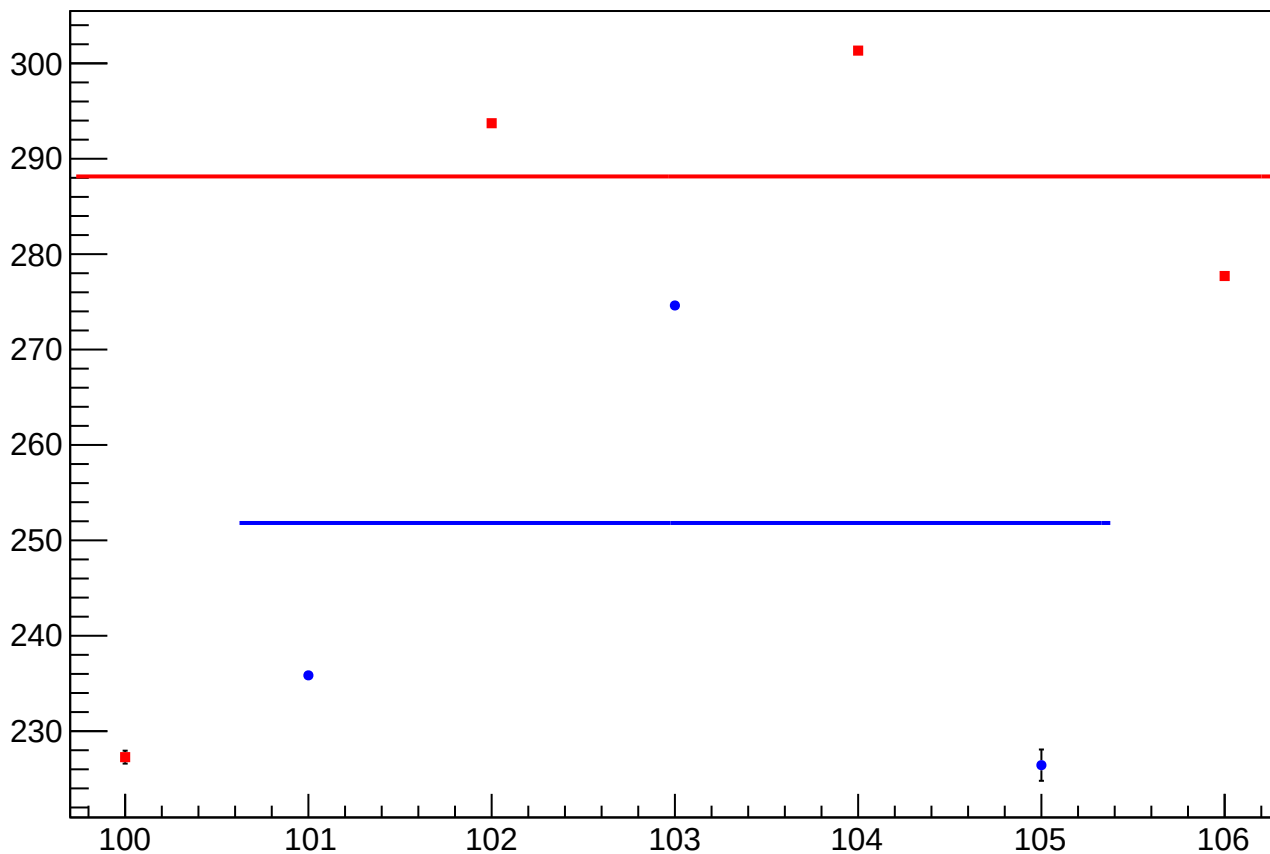
Right Out: -16.059+/-250.409 χ^2/NDF : 12.3/3

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

5.285+/-236.656 χ^2/NDF : 8.8/2

-16.059+/-250.409 χ^2/NDF : 12.3/3

asym_bcm0l02_rms vs slug



Right In: 251.822 $\pm$ 0.167 χ^2 /NDF: 13172.3/2

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

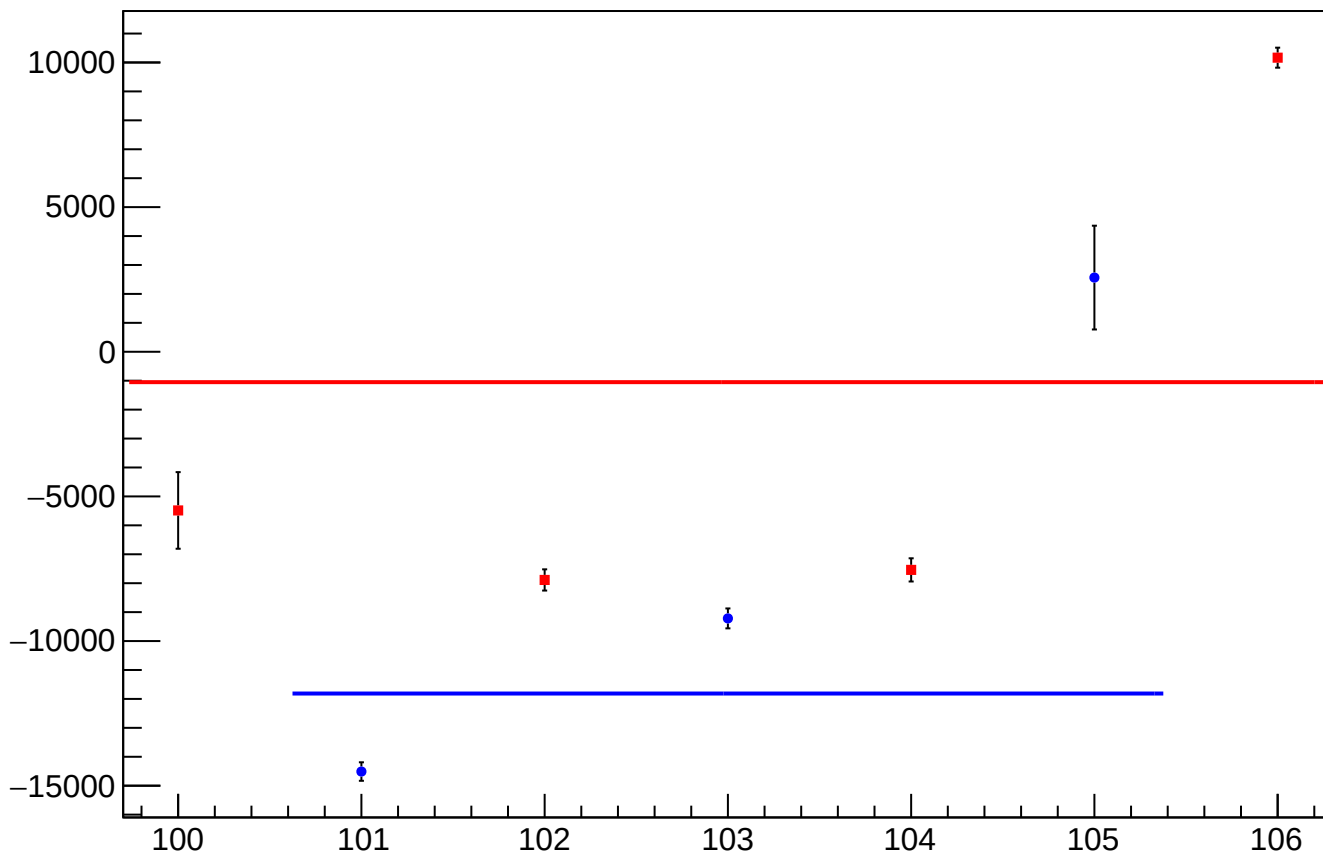
251.822 $\pm$ 0.167 χ^2 /NDF: 13172.3/2

Right Out: 288.145 $\pm$ 0.177 χ^2 /NDF: 11052.1/3

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

288.145 $\pm$ 0.177 χ^2 /NDF: 11052.1/3

asym_bpm0i02WS_mean vs slug



Right In: -11813.653+/-232.296 χ^2/NDF : 192.3/2

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

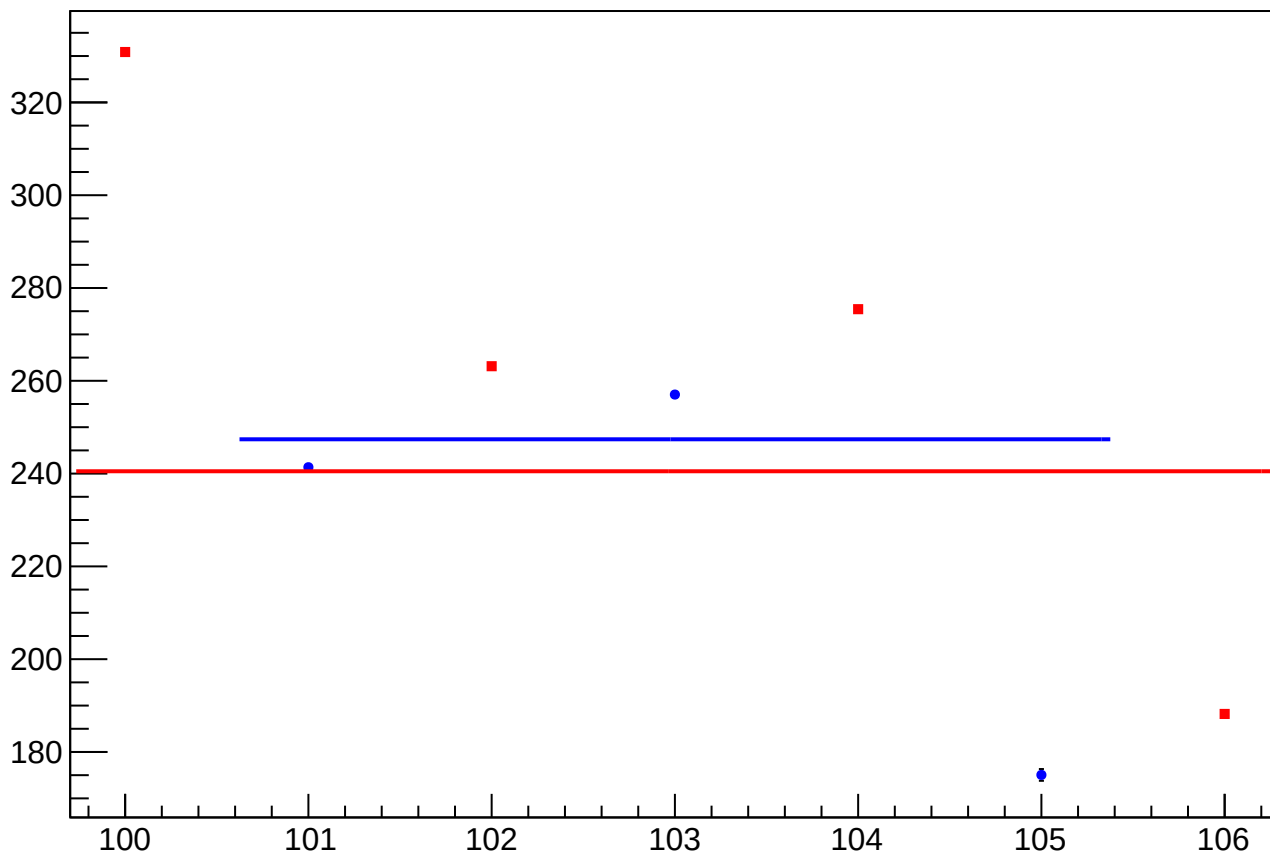
Right Out: -1050.069+/-210.417 χ^2/NDF : 1672.4/3

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

-11813.653+/-232.296 χ^2/NDF : 192.3/2

-1050.069+/-210.417 χ^2/NDF : 1672.4/3

asym_bpm0i02WS_rms vs slug



Right In: 247.393+/-0.164 χ^2/NDF : 5530.3/2

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

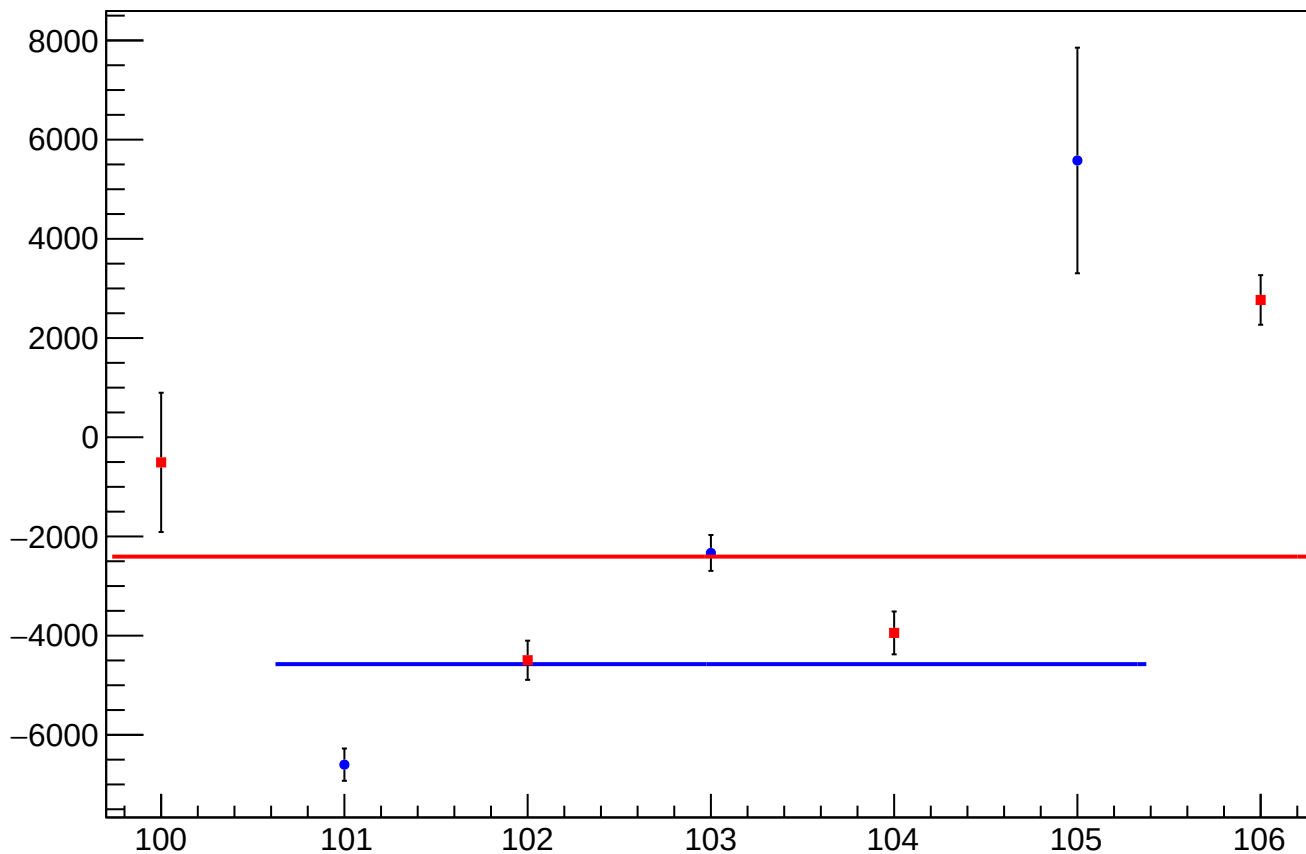
Right Out: 240.503+/-0.149 χ^2/NDF : 77853.5/3

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

247.393+/-0.164 χ^2/NDF : 5530.3/2

240.503+/-0.149 χ^2/NDF : 77853.5/3

asym_bpm0i02aWS_mean vs slug



Right In: -4574.426+/-240.509 χ^2/NDF : 97.2/2

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

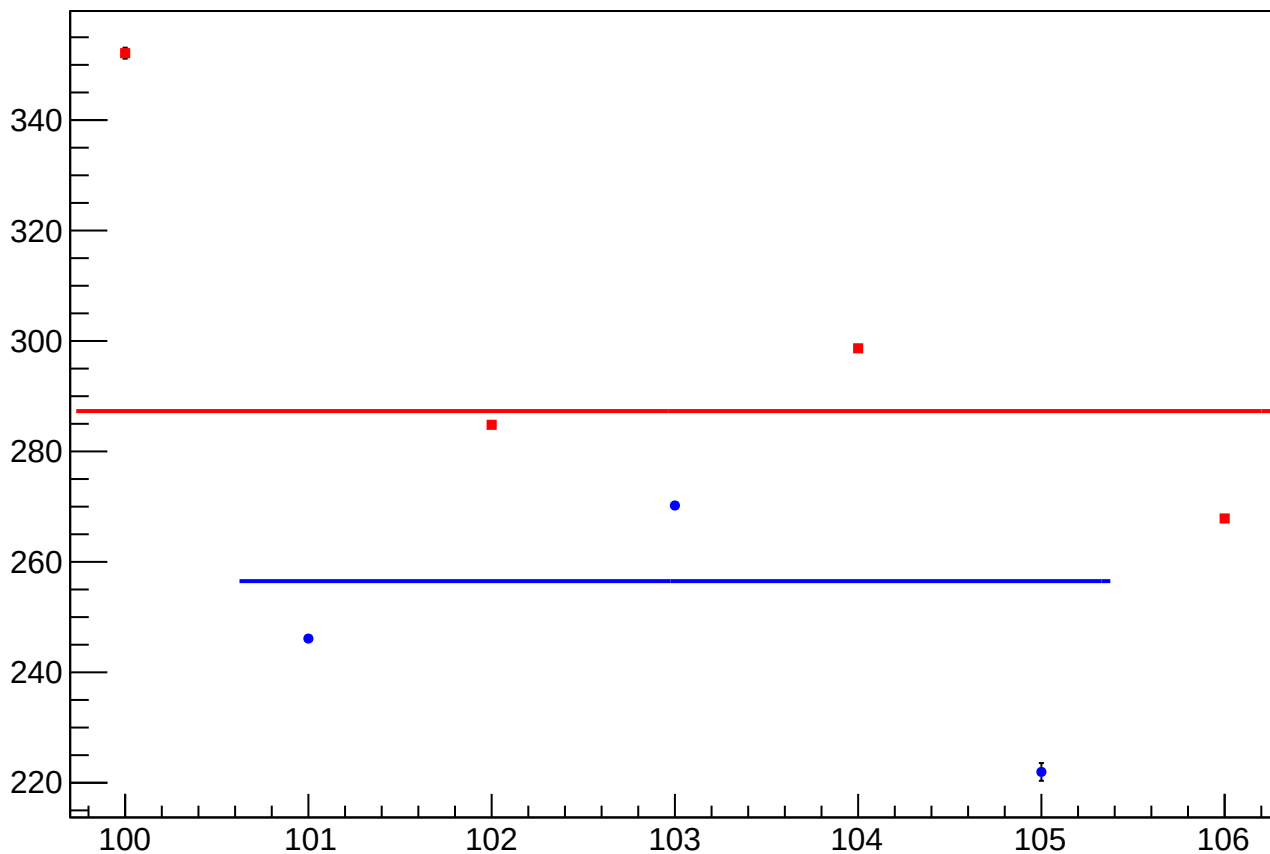
Right Out: -2406.425+/-247.868 χ^2/NDF : 149.5/3

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

-4574.426+/-240.509 χ^2/NDF : 97.2/2

-2406.425+/-247.868 χ^2/NDF : 149.5/3

asym_bpm0i02aWS_rms vs slug



Right In: 256.513 $\pm$ 0.170 χ^2 /NDF: 5375.2/2

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

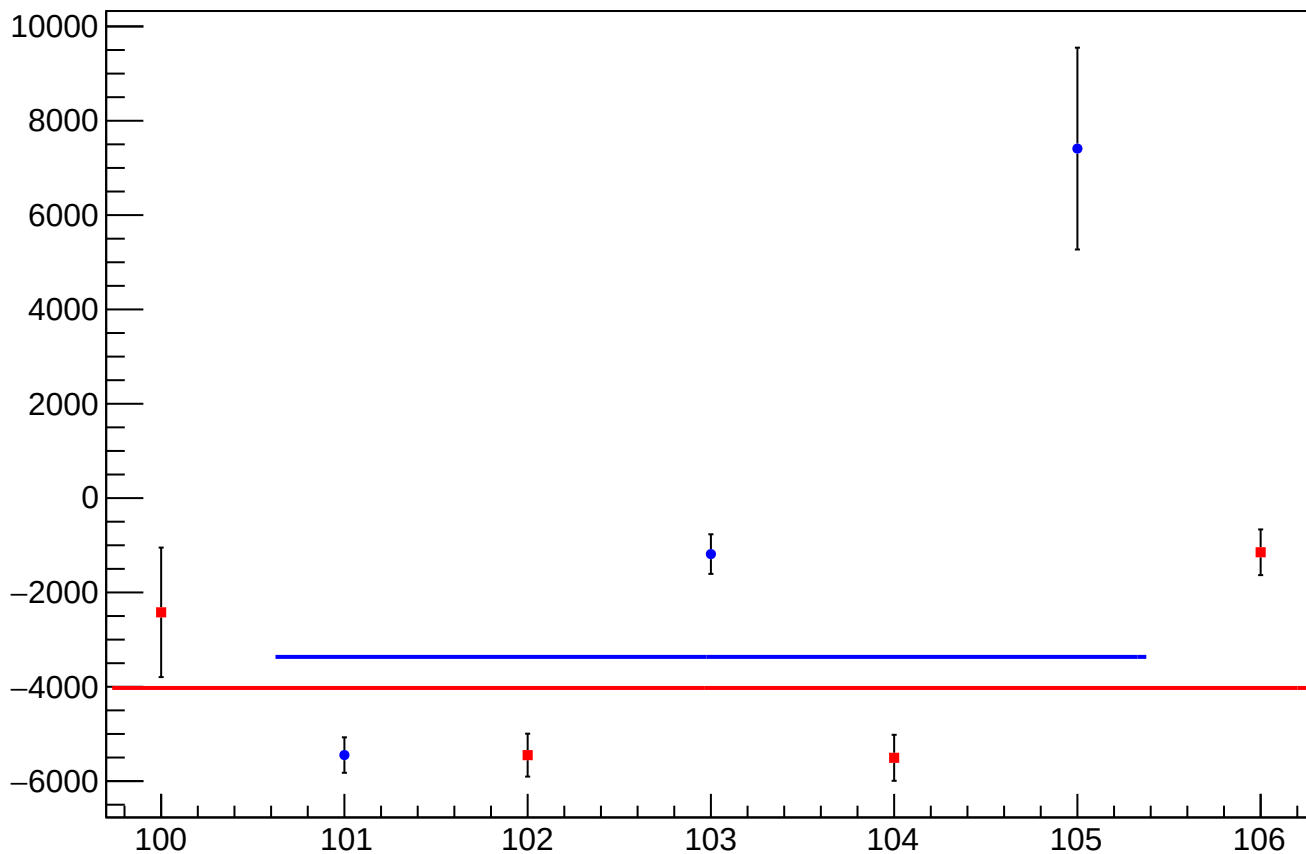
Right Out: 287.310 $\pm$ 0.175 χ^2 /NDF: 8749.5/3

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

256.513 $\pm$ 0.170 χ^2 /NDF: 5375.2/2

287.310 $\pm$ 0.175 χ^2 /NDF: 8749.5/3

asym_bpm0i05WS_mean vs slug



Right In: -3366.252+/-277.684 χ^2/NDF : 83.0/2

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

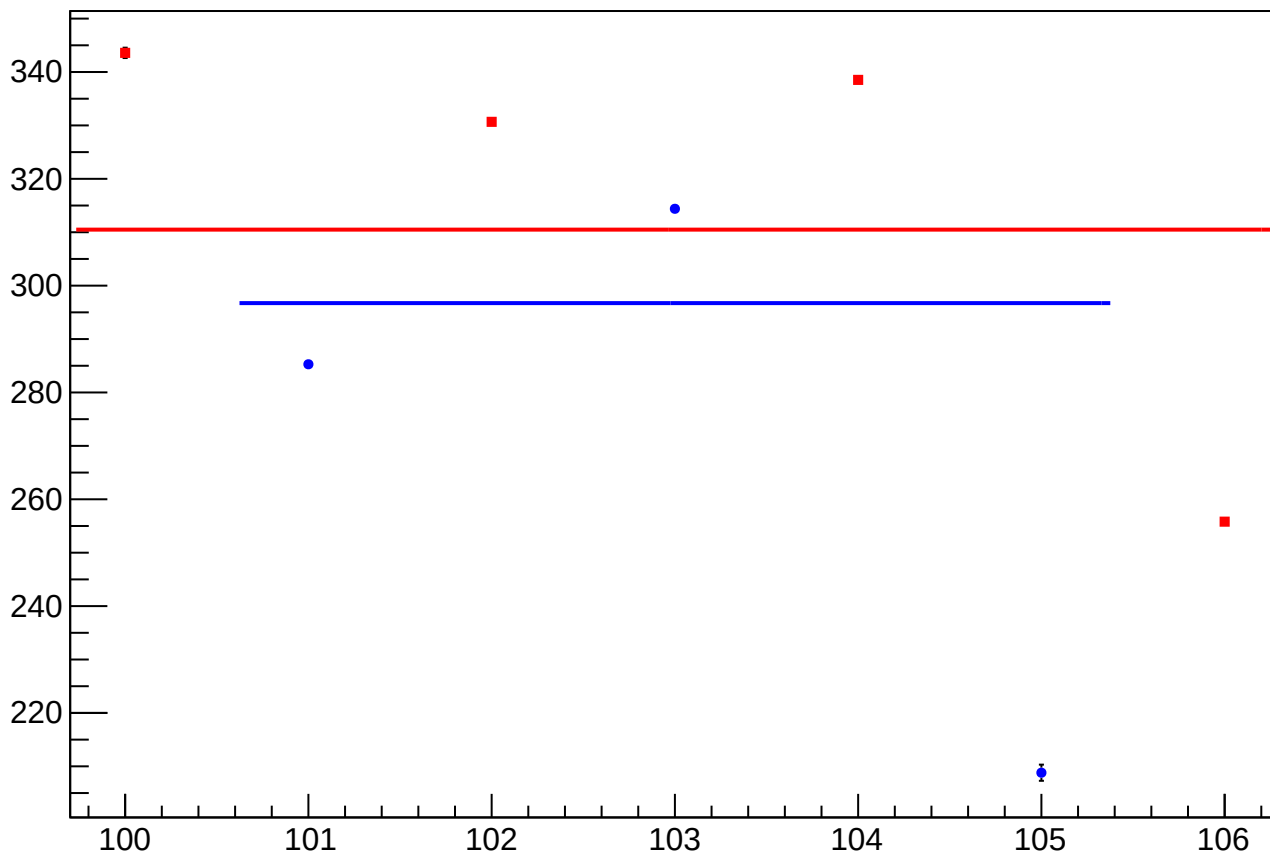
Right Out: -4025.048+/-268.908 χ^2/NDF : 55.6/3

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

-3366.252+/-277.684 χ^2/NDF : 83.0/2

-4025.048+/-268.908 χ^2/NDF : 55.6/3

asym_bpm0i05WS_rms vs slug



Right In: 296.730+/-0.196 χ^2/NDF : 8773.6/2

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

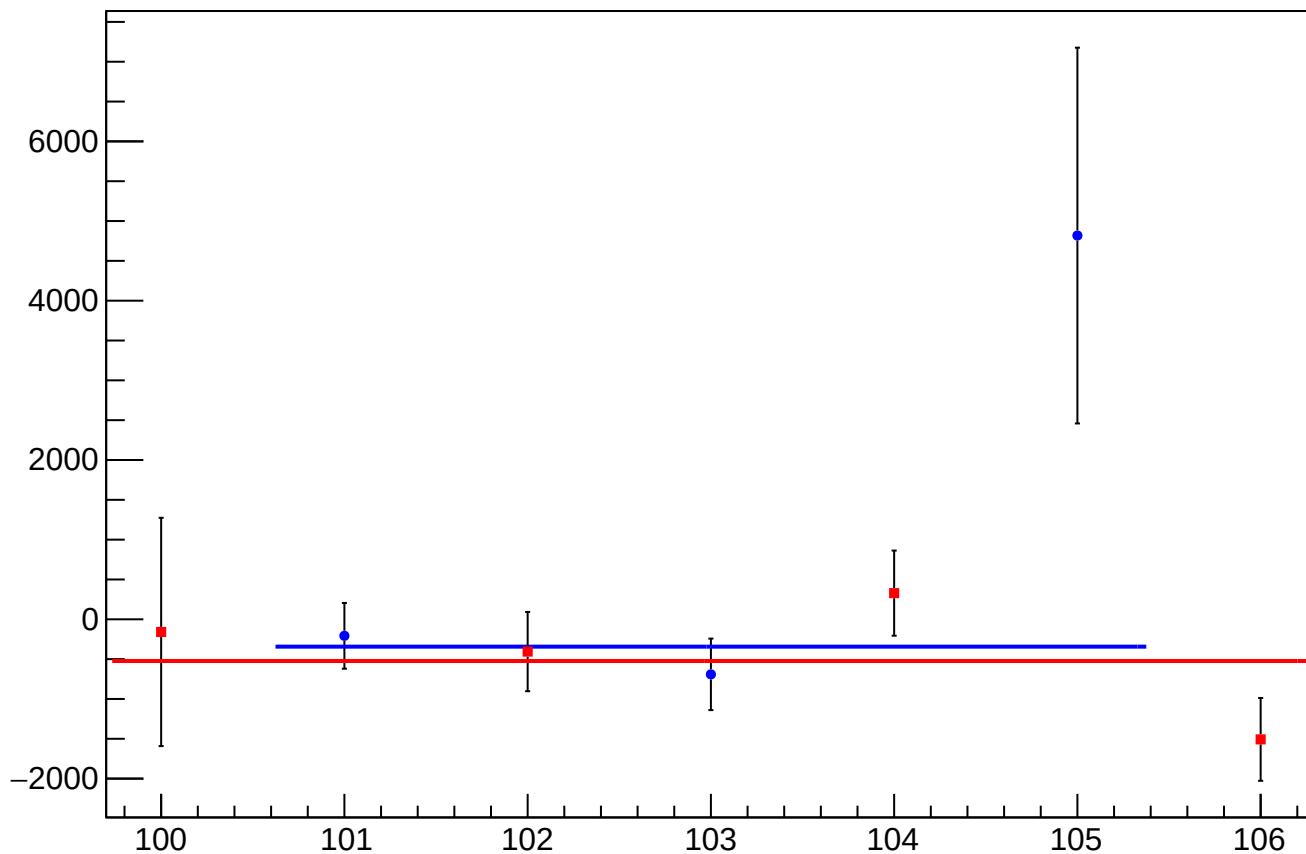
Right Out: 310.489+/-0.190 χ^2/NDF : 37189.3/3

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

296.730+/-0.196 χ^2/NDF : 8773.6/2

310.489+/-0.190 χ^2/NDF : 37189.3/3

asym_bpm0i07WS_mean vs slug



Right In: -343.239+/-301.298 χ^2 /NDF: 5.5/2

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

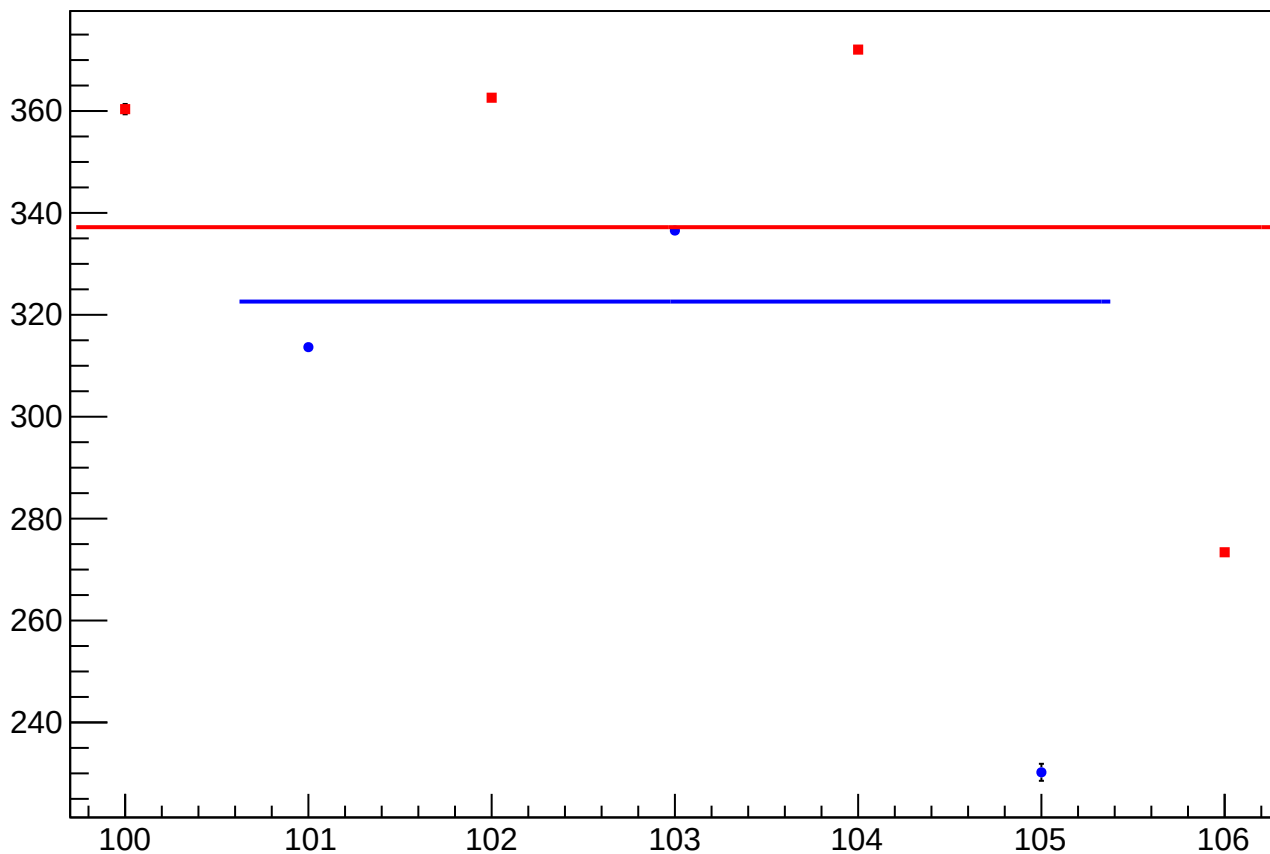
Right Out: -523.617+/-292.002 χ^2 /NDF: 6.2/3

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

-343.239+/-301.298 χ^2 /NDF: 5.5/2

-523.617+/-292.002 χ^2 /NDF: 6.2/3

asym_bpm0i07WS_rms vs slug



Right In: 322.600+/-0.213 χ^2/NDF : 5935.4/2

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

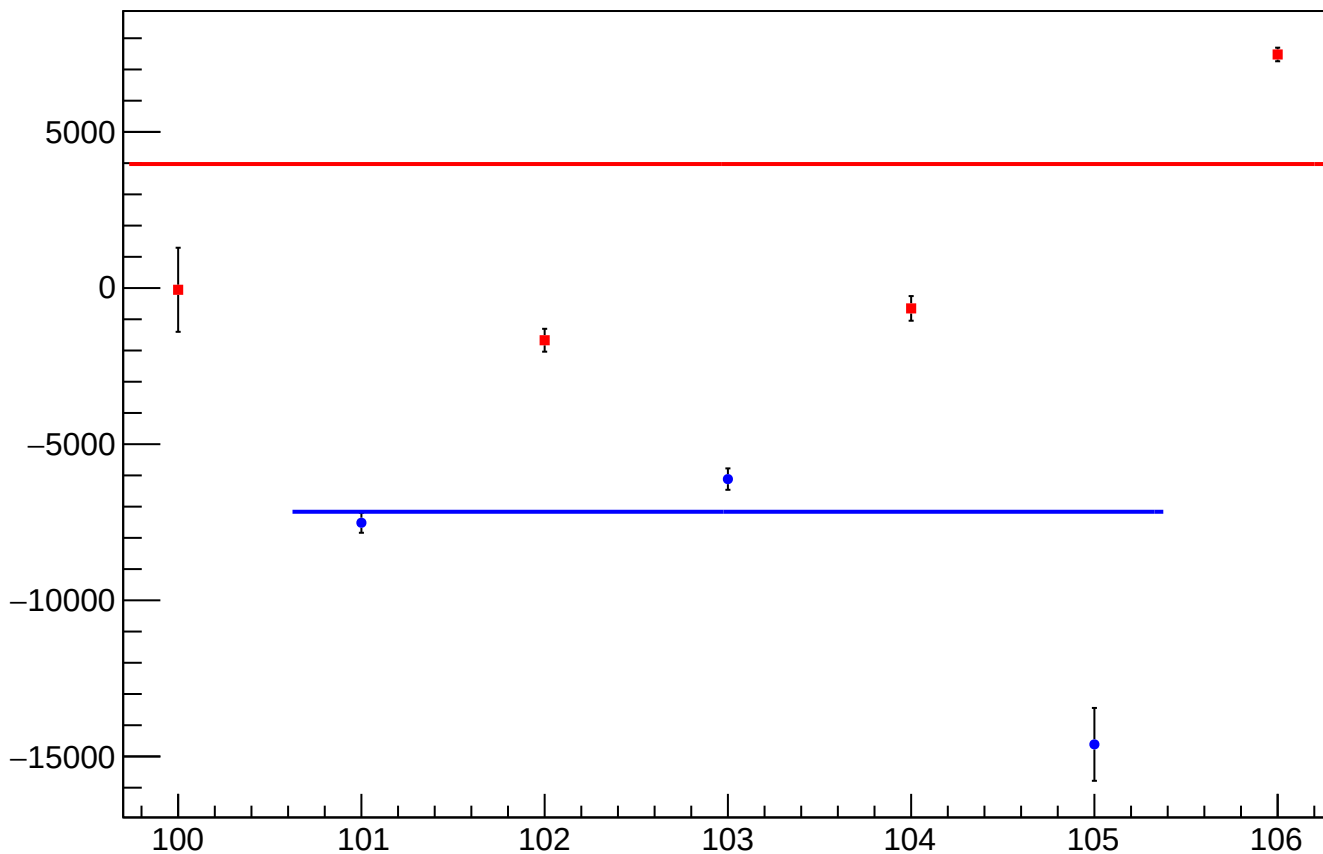
Right Out: 337.201+/-0.206 χ^2/NDF : 44360.2/3

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

322.600+/-0.213 χ^2/NDF : 5935.4/2

337.201+/-0.206 χ^2/NDF : 44360.2/3

asym_bpm1i02WS_mean vs slug



Right In: -7164.012 $\pm$ 229.607 χ^2 /NDF: 51.3/2

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

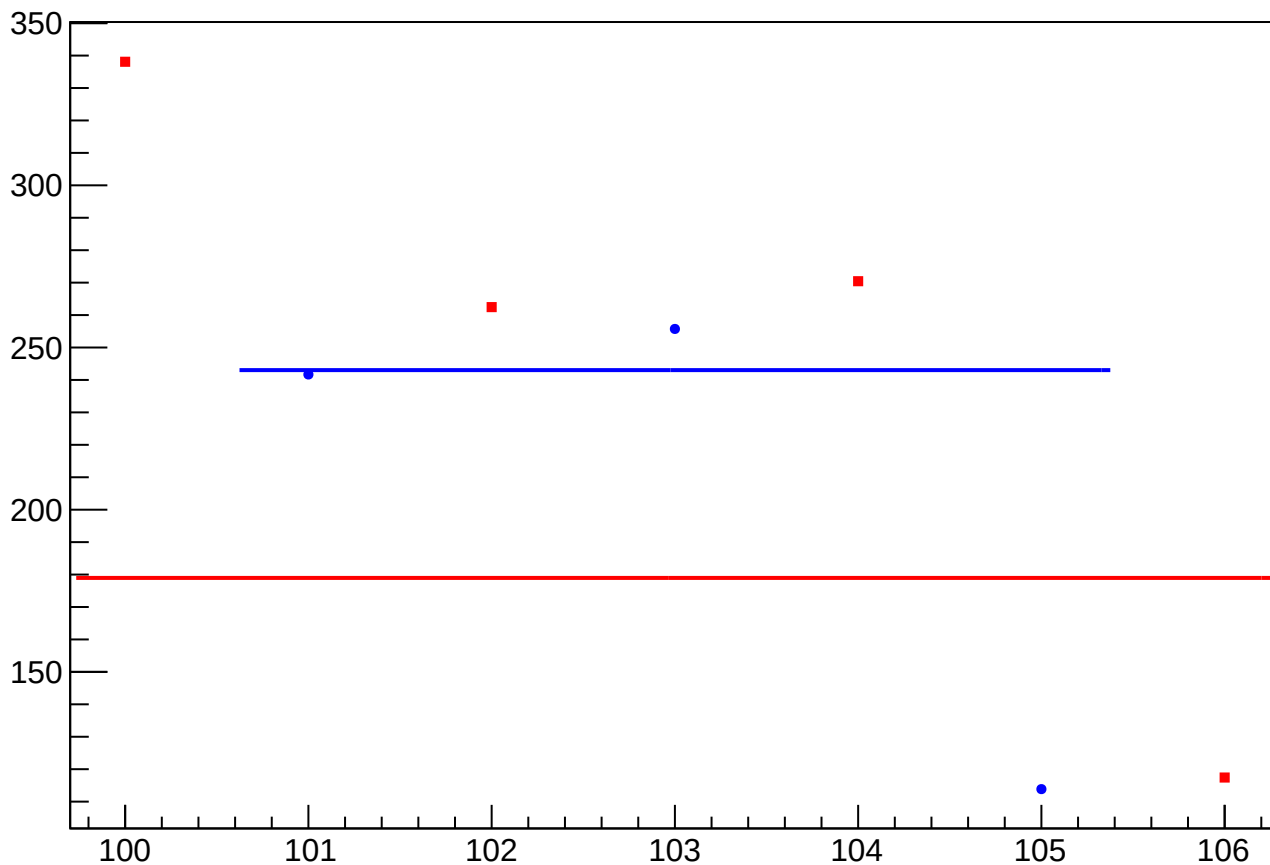
Right Out: 3971.525 $\pm$ 167.867 χ^2 /NDF: 642.7/3

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

-7164.012 $\pm$ 229.607 χ^2 /NDF: 51.3/2

3971.525 $\pm$ 167.867 χ^2 /NDF: 642.7/3

asym_bpm1i02WS_rms vs slug



Right In: 243.031+/-0.162 χ^2/NDF : 27300.1/2

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

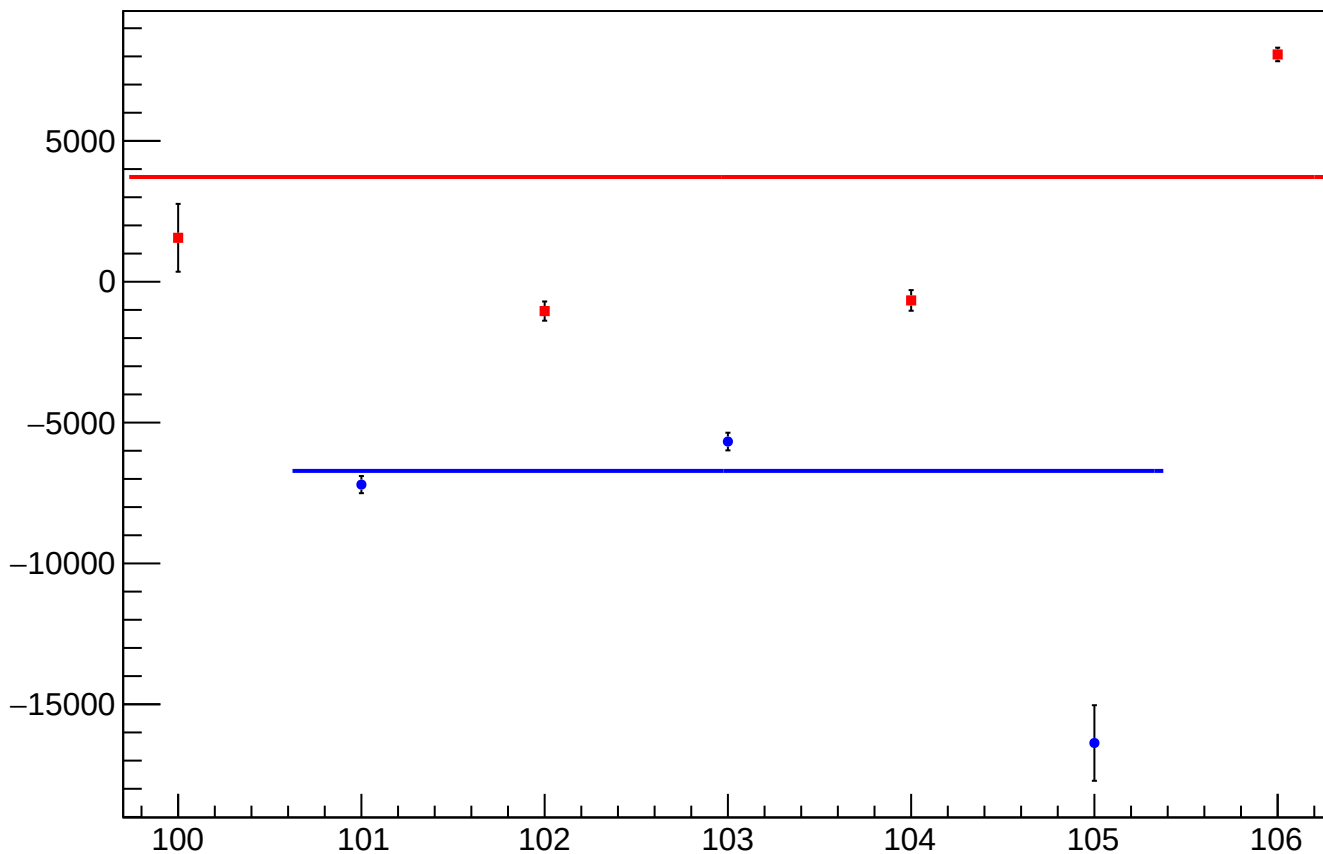
Right Out: 178.967+/-0.119 χ^2/NDF : 398733.9/3

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

243.031+/-0.162 χ^2/NDF : 27300.1/2

178.967+/-0.119 χ^2/NDF : 398733.9/3

asym_bpm2i01WS_mean vs slug



Right In: -6715.016 ± 215.377 χ^2/NDF : 65.5/2

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

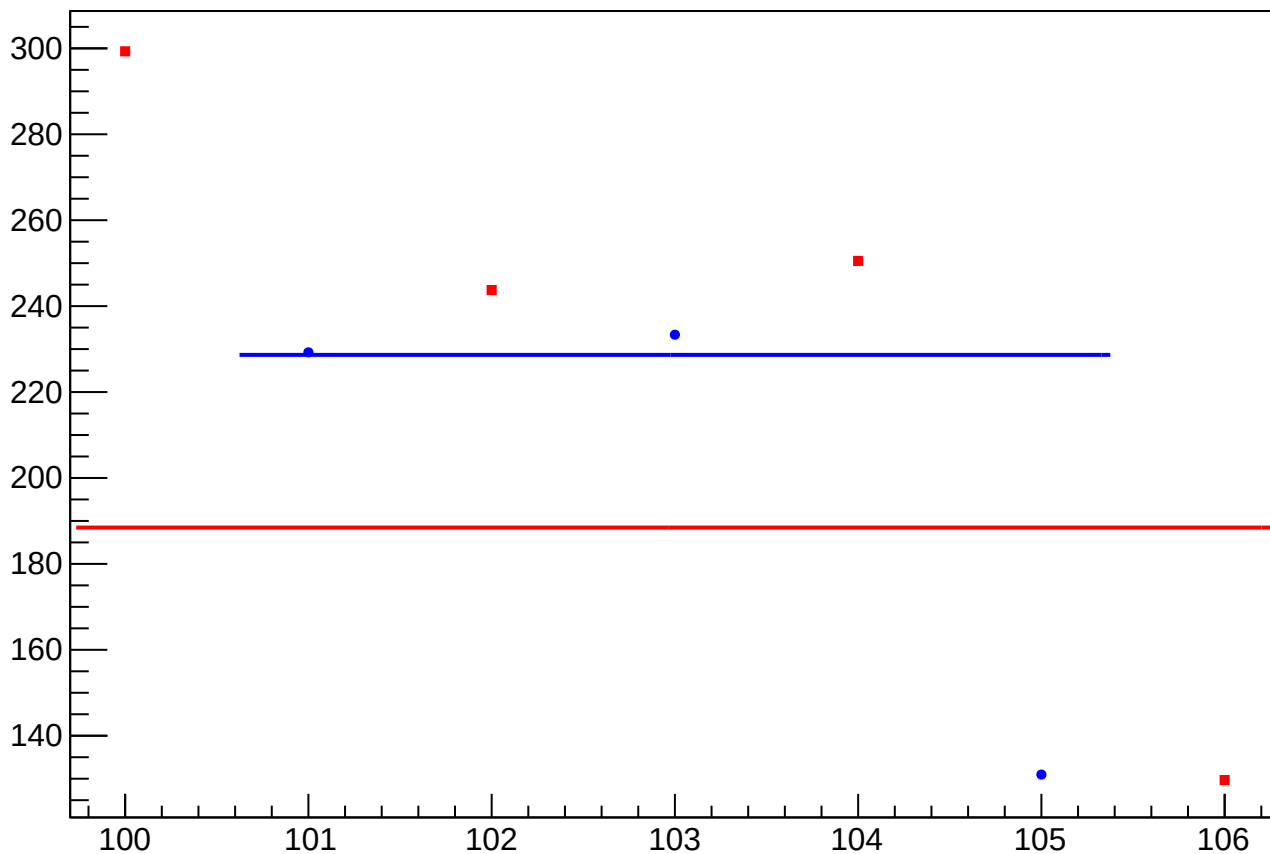
Right Out: 3718.892 ± 171.542 χ^2/NDF : 667.4/3

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

-6715.016 ± 215.377 χ^2/NDF : 65.5/2

3718.892 ± 171.542 χ^2/NDF : 667.4/3

asym_bpm2i01WS_rms vs slug



Right In: 228.653+/-0.152 χ^2/NDF : 11059.9/2

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

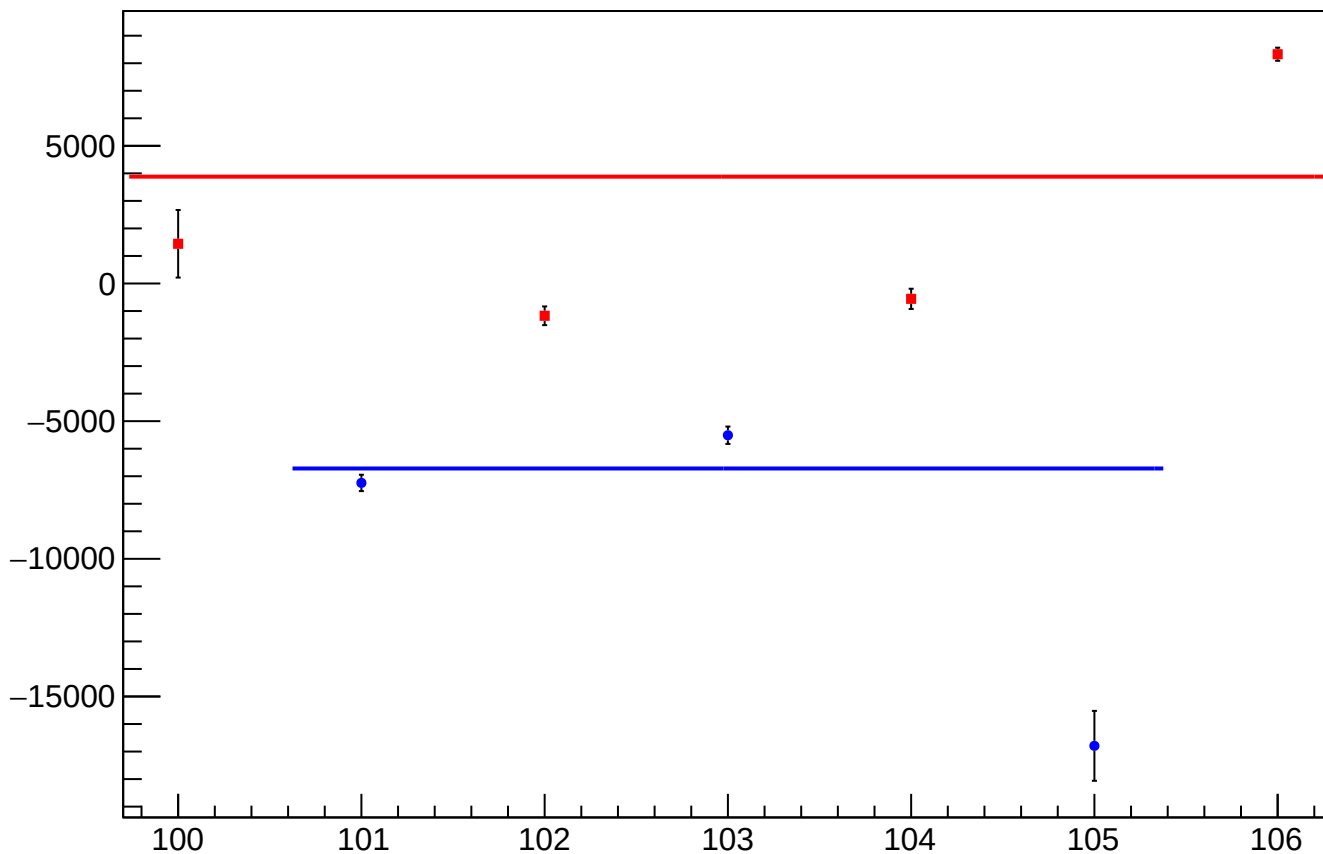
228.653+/-0.152 χ^2/NDF : 11059.9/2

Right Out: 188.456+/-0.121 χ^2/NDF : 246034.2/3

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

188.456+/-0.121 χ^2/NDF : 246034.2/3

asym_bpm2i02WS_mean vs slug



Right In: -6718.585 ± 213.041 χ^2/NDF : 80.8/2

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

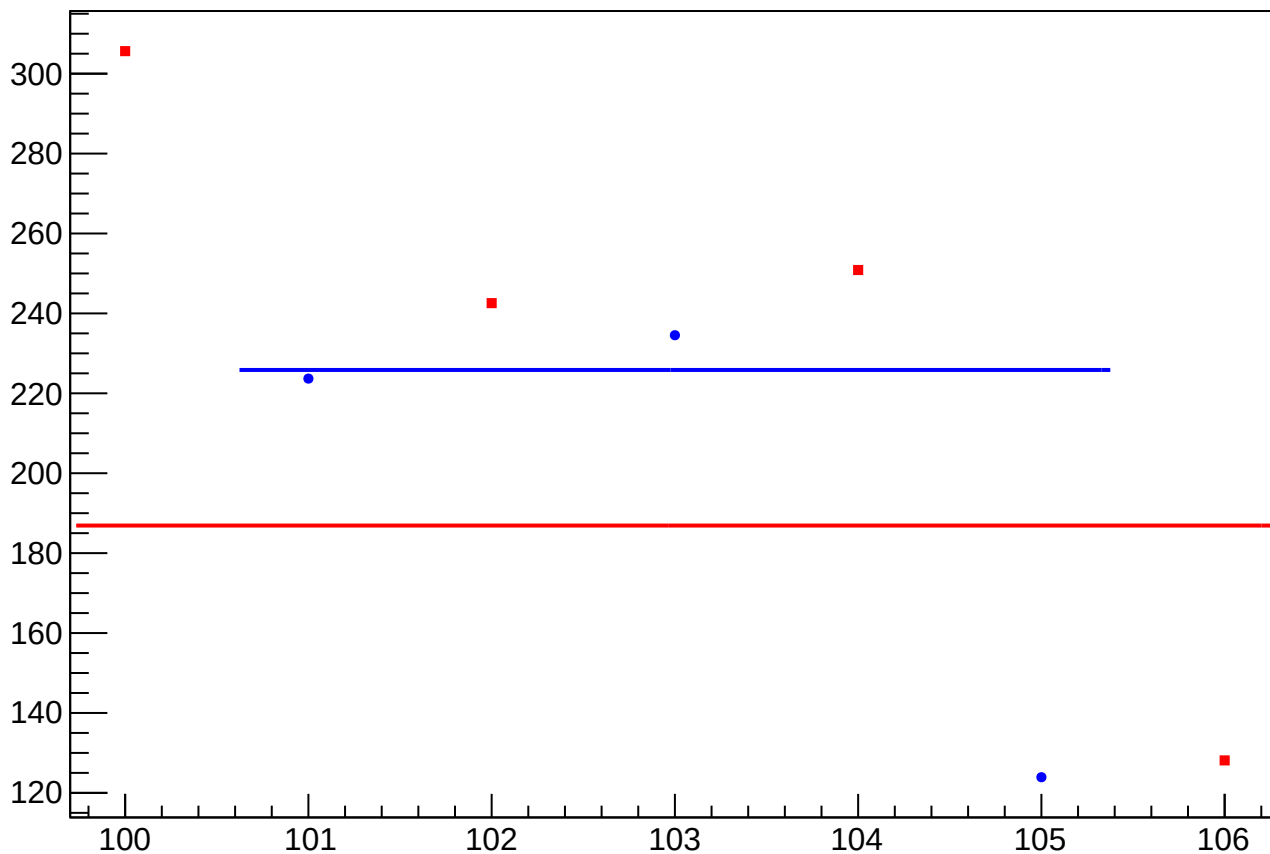
Right Out: 3880.716 ± 170.545 χ^2/NDF : 720.0/3

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

-6718.585 ± 213.041 χ^2/NDF : 80.8/2

3880.716 ± 170.545 χ^2/NDF : 720.0/3

asym_bpm2i02WS_rms vs slug



Right In: 225.846 $\pm$ 0.151 χ^2 /NDF: 14519.9/2

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

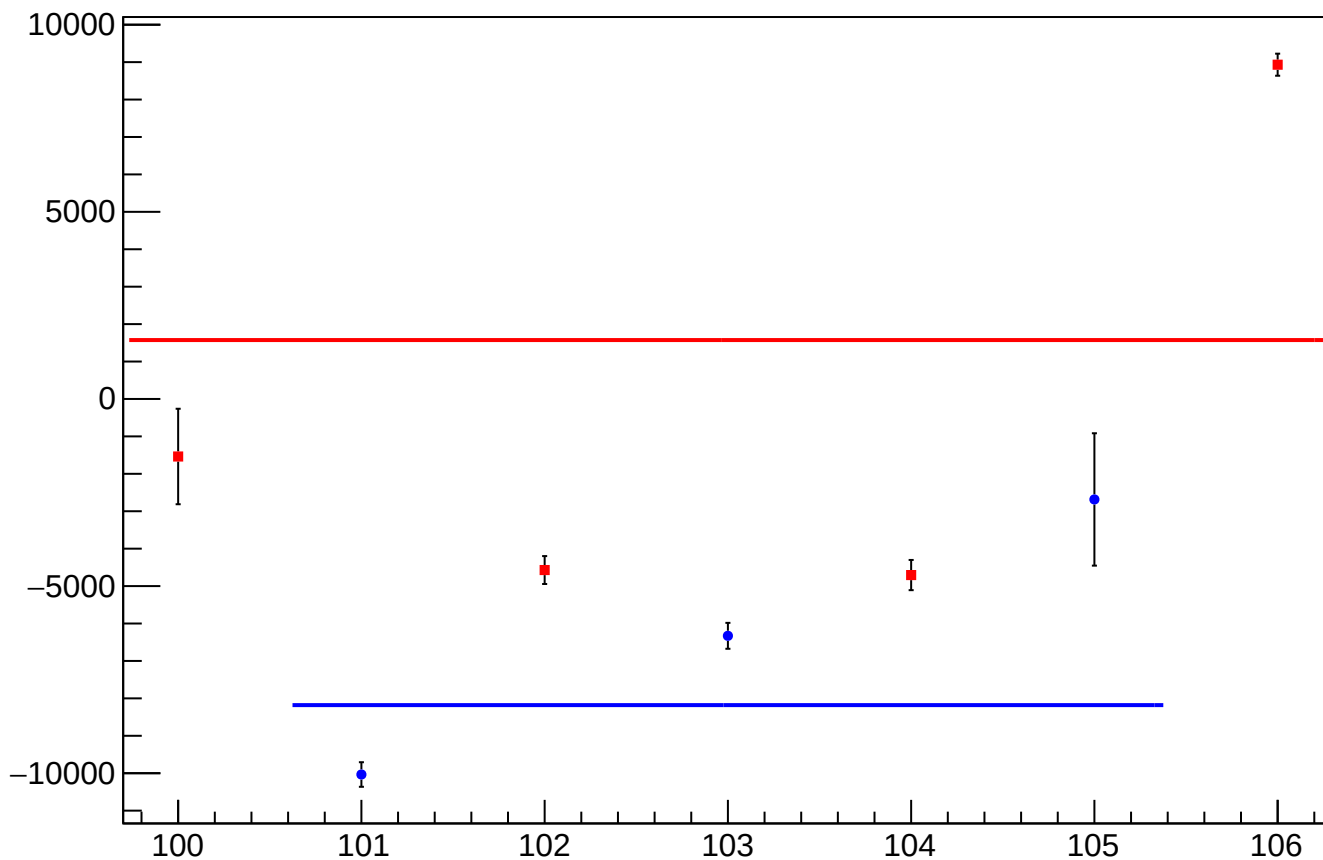
225.846 $\pm$ 0.151 χ^2 /NDF: 14519.9/2

Right Out: 186.904 $\pm$ 0.121 χ^2 /NDF: 254942.8/3

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

186.904 $\pm$ 0.121 χ^2 /NDF: 254942.8/3

asym_bpm0i01WS_mean vs slug



Right In: -8180.267 $\pm$ 236.154 χ^2 /NDF: 70.1/2

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

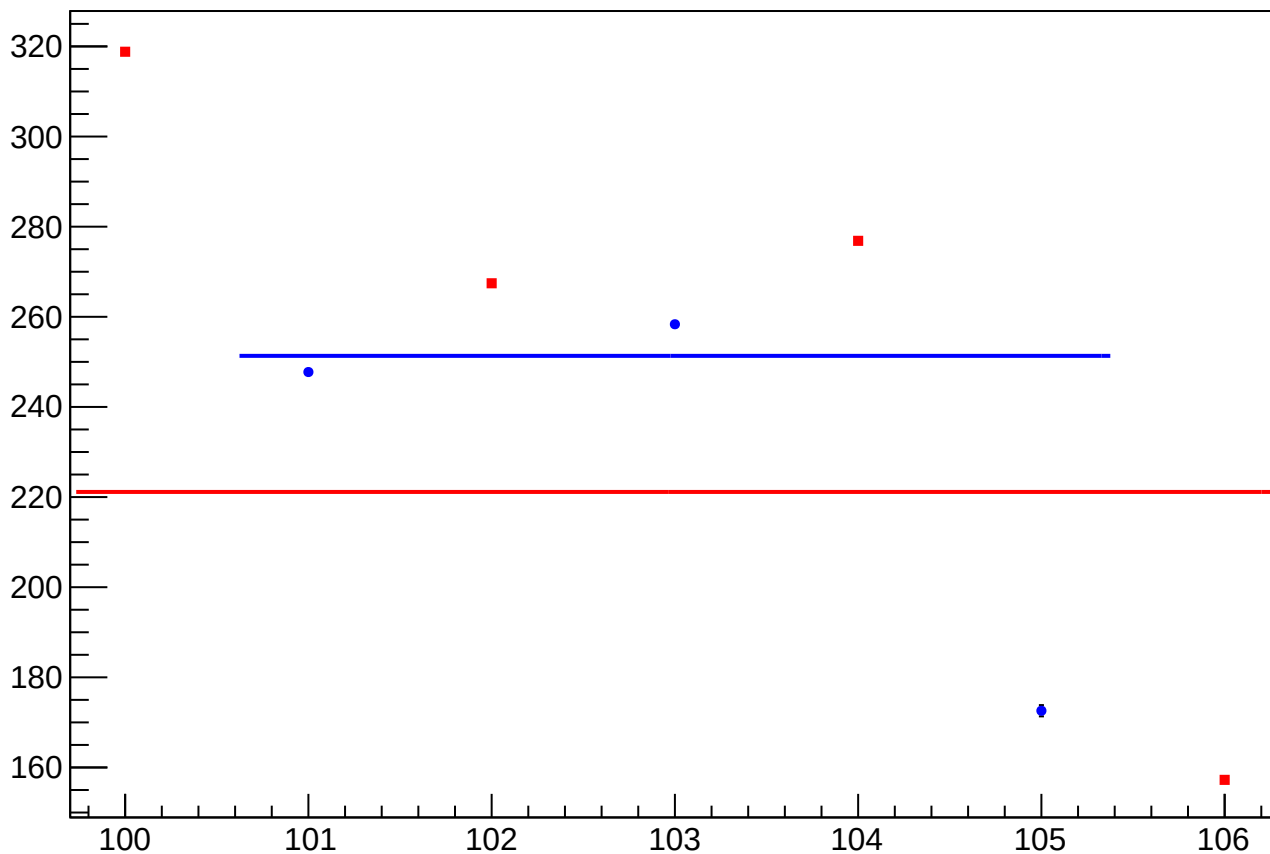
Right Out: 1573.813 $\pm$ 198.202 χ^2 /NDF: 1142.6/3

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

-8180.267 $\pm$ 236.154 χ^2 /NDF: 70.1/2

1573.813 $\pm$ 198.202 χ^2 /NDF: 1142.6/3

asym_bpm0i01WS_rms vs slug



Right In: 251.336 $\pm$ 0.167 χ^2 /NDF: 5025.0/2

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

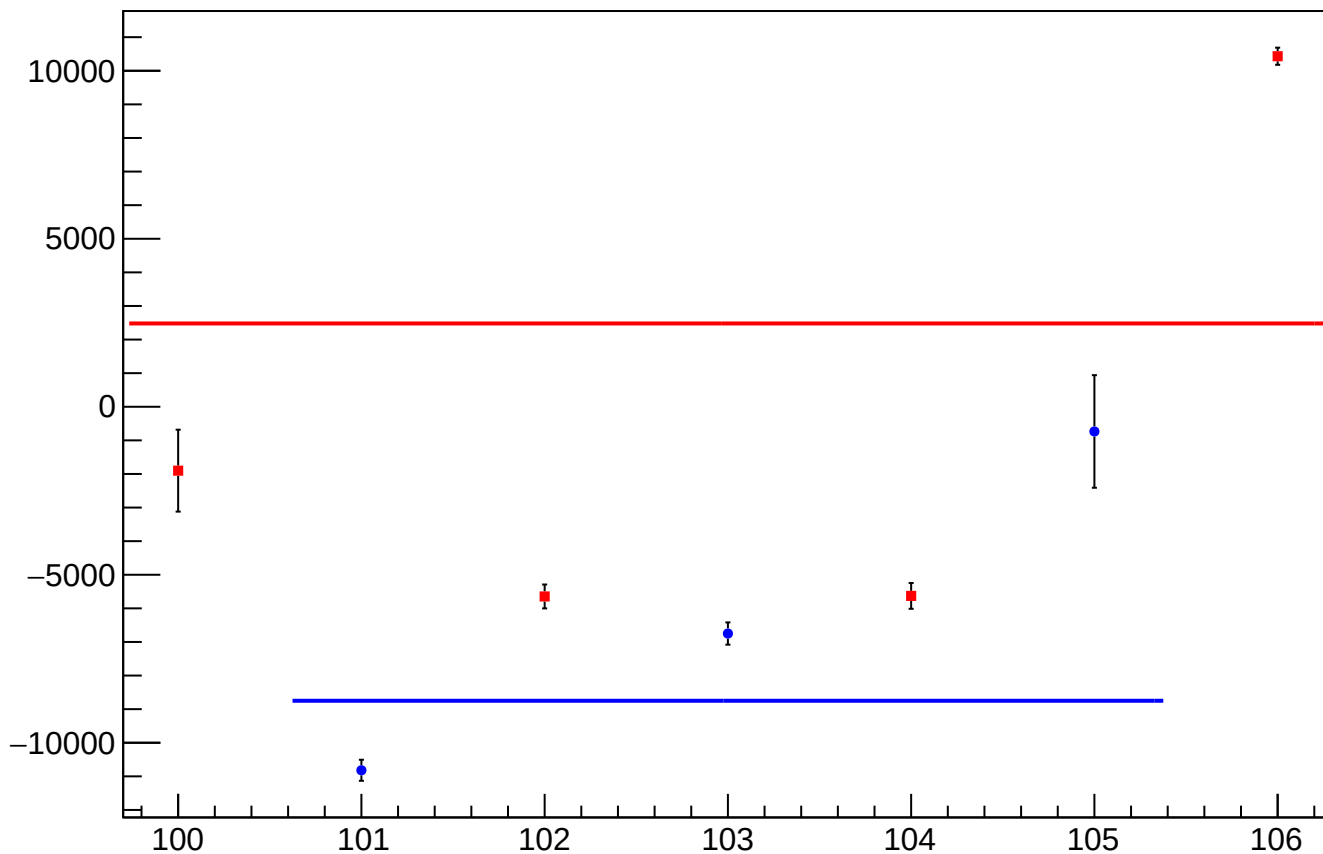
251.336 $\pm$ 0.167 χ^2 /NDF: 5025.0/2

Right Out: 221.139 $\pm$ 0.140 χ^2 /NDF: 174639.4/3

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

221.139 $\pm$ 0.140 χ^2 /NDF: 174639.4/3

asym_bpm0i01aWS_mean vs slug



Right In: -8750.259+/-225.552 χ^2/NDF : 103.0/2

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

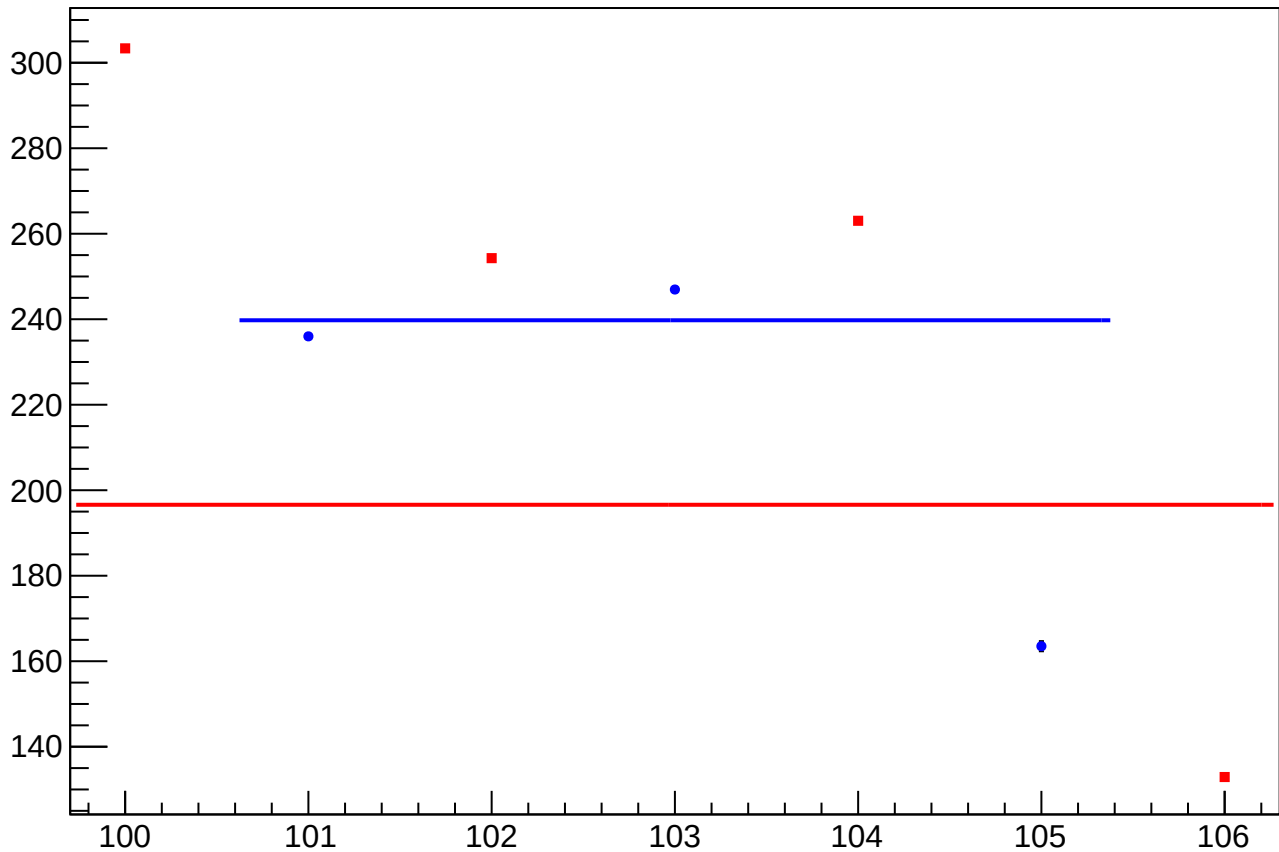
Right Out: 2479.285+/-180.385 χ^2/NDF : 1953.1/3

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

-8750.259+/-225.552 χ^2/NDF : 103.0/2

2479.285+/-180.385 χ^2/NDF : 1953.1/3

asym_bpm0i01aWS_rms vs slug



Right In: 239.759 $\pm$ 0.159 χ^2 /NDF: 5373.2/2

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

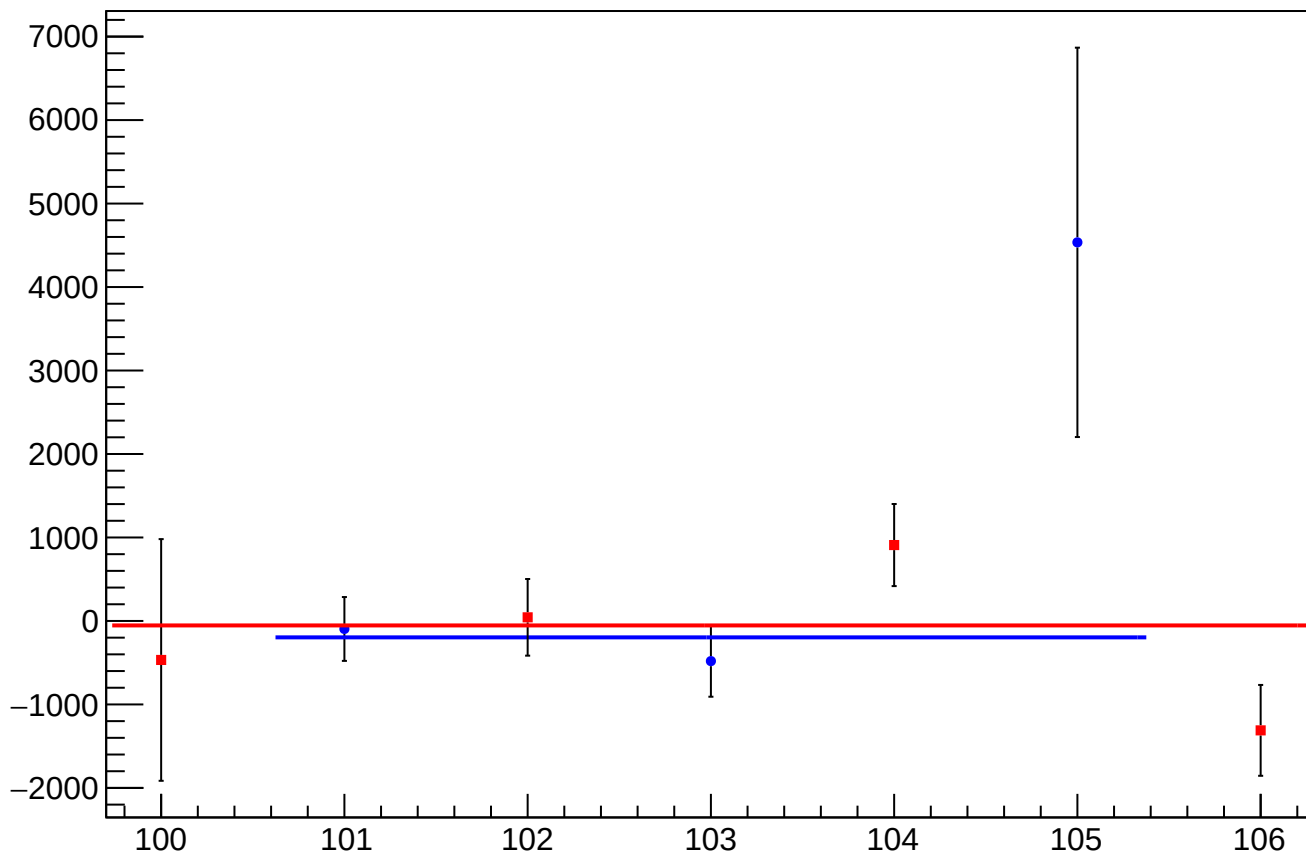
239.759 $\pm$ 0.159 χ^2 /NDF: 5373.2/2

Right Out: 196.598 $\pm$ 0.128 χ^2 /NDF: 252497.0/3

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

196.598 $\pm$ 0.128 χ^2 /NDF: 252497.0/3

asym_bpm0l01WS_mean vs slug



Right In: -196.565+/-282.758 χ^2 /NDF: 4.6/2

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

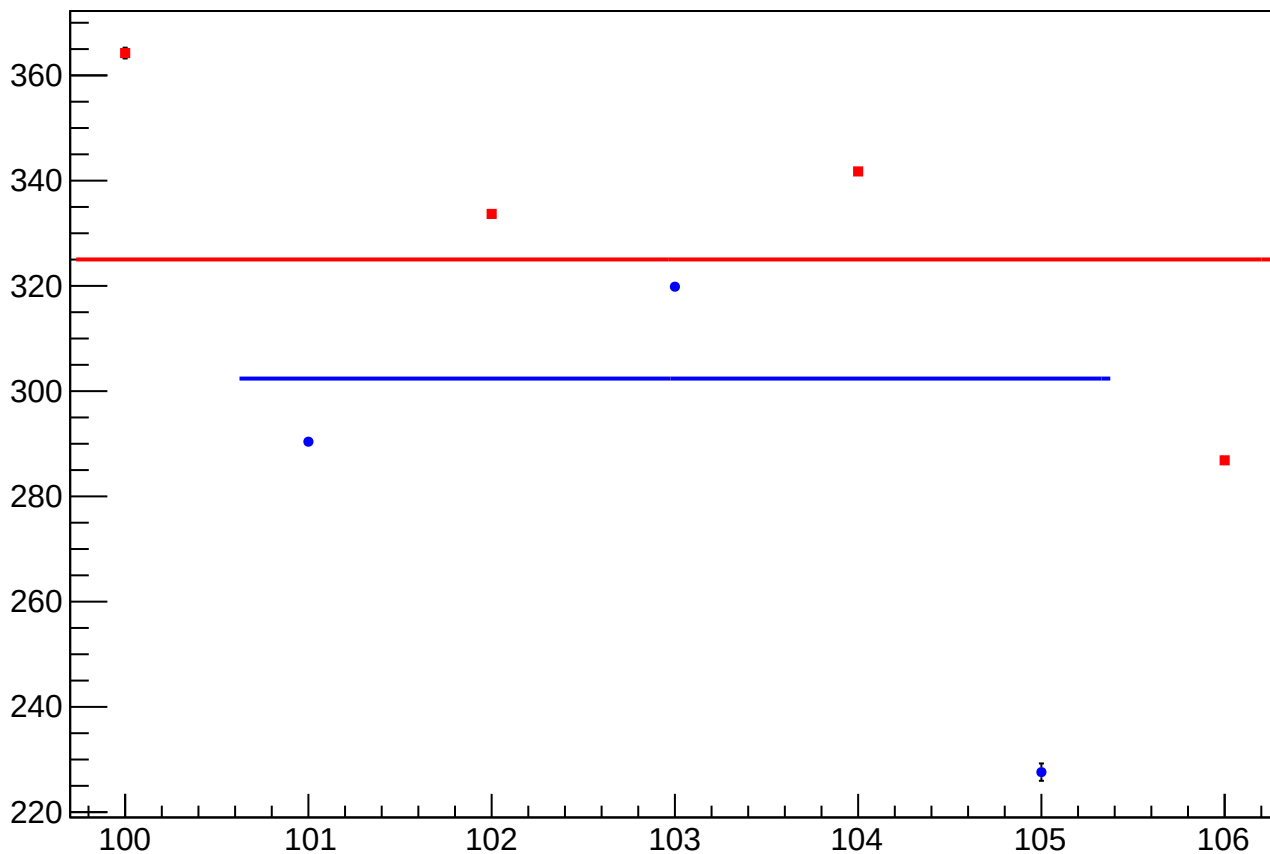
Right Out: -53.547+/-280.231 χ^2 /NDF: 9.3/3

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

-196.565+/-282.758 χ^2 /NDF: 4.6/2

-53.547+/-280.231 χ^2 /NDF: 9.3/3

asym_bpm0l01WS_rms vs slug



Right In: 302.390 $\pm$ 0.200 χ^2 /NDF: 7368.4/2

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

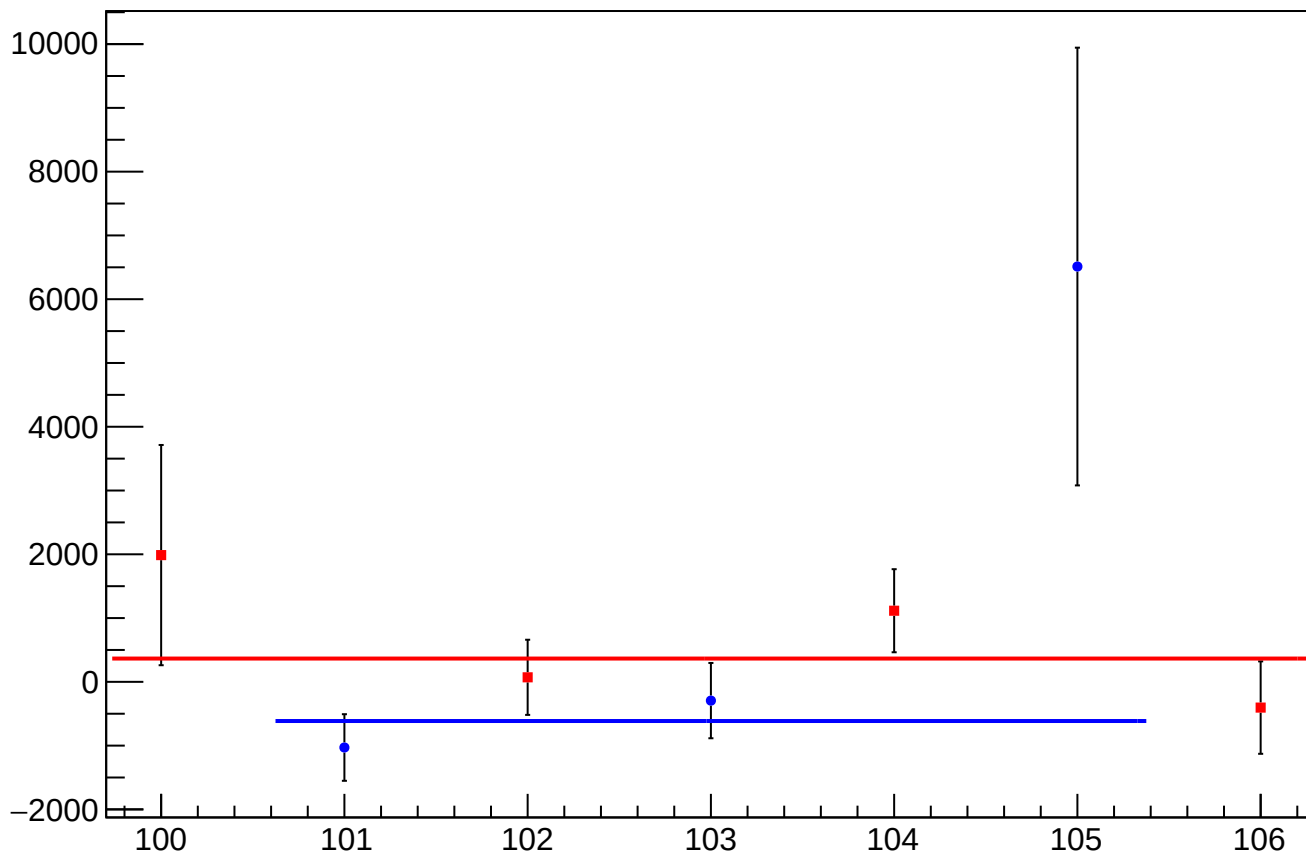
302.390 $\pm$ 0.200 χ^2 /NDF: 7368.4/2

Right Out: 325.027 $\pm$ 0.198 χ^2 /NDF: 14333.7/3

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

325.027 $\pm$ 0.198 χ^2 /NDF: 14333.7/3

asym_bpm0l02WS_mean vs slug



Right In: -614.248+/-388.579 χ^2/NDF : 5.2/2

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

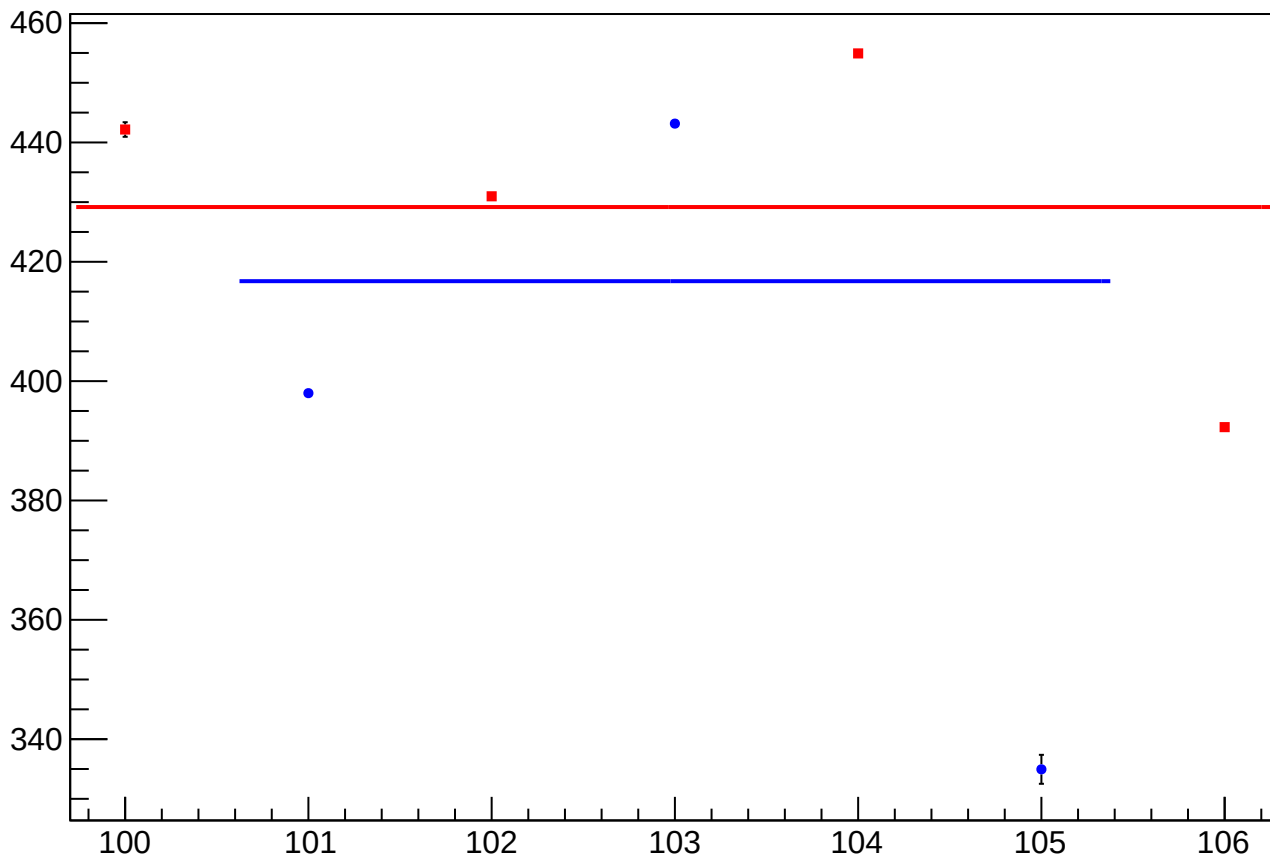
Right Out: 365.241+/-365.687 χ^2/NDF : 3.6/3

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

-614.248+/-388.579 χ^2/NDF : 5.2/2

365.241+/-365.687 χ^2/NDF : 3.6/3

asym_bpm0l02WS_rms vs slug



Right In: 416.754 $\pm$ 0.275 χ^2 /NDF: 7722.3/2

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

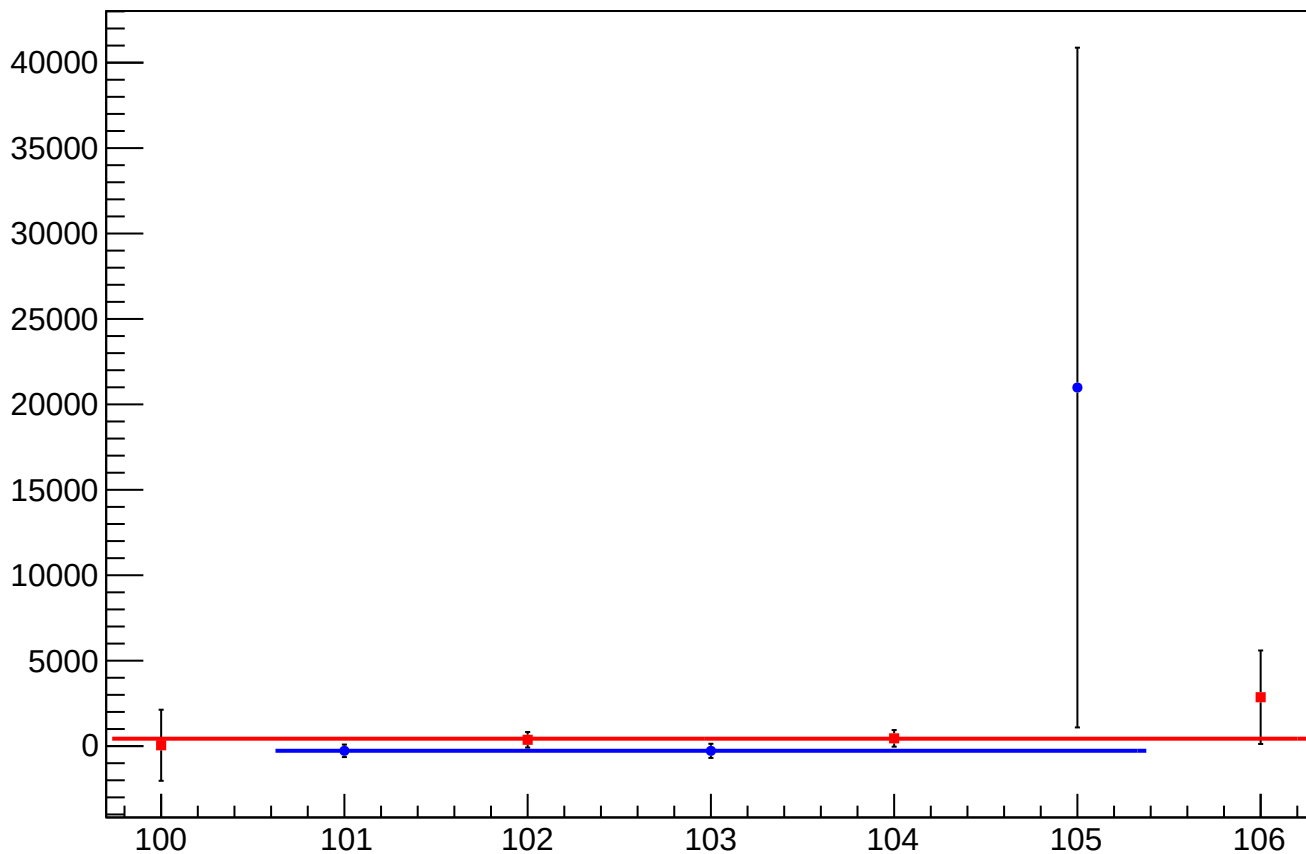
416.754 $\pm$ 0.275 χ^2 /NDF: 7722.3/2

Right Out: 429.177 $\pm$ 0.259 χ^2 /NDF: 8438.5/3

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

429.177 $\pm$ 0.259 χ^2 /NDF: 8438.5/3

asym_bpm0l03WS_mean vs slug



Right In: -272.401+/-274.330 χ^2/NDF : 1.1/2

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

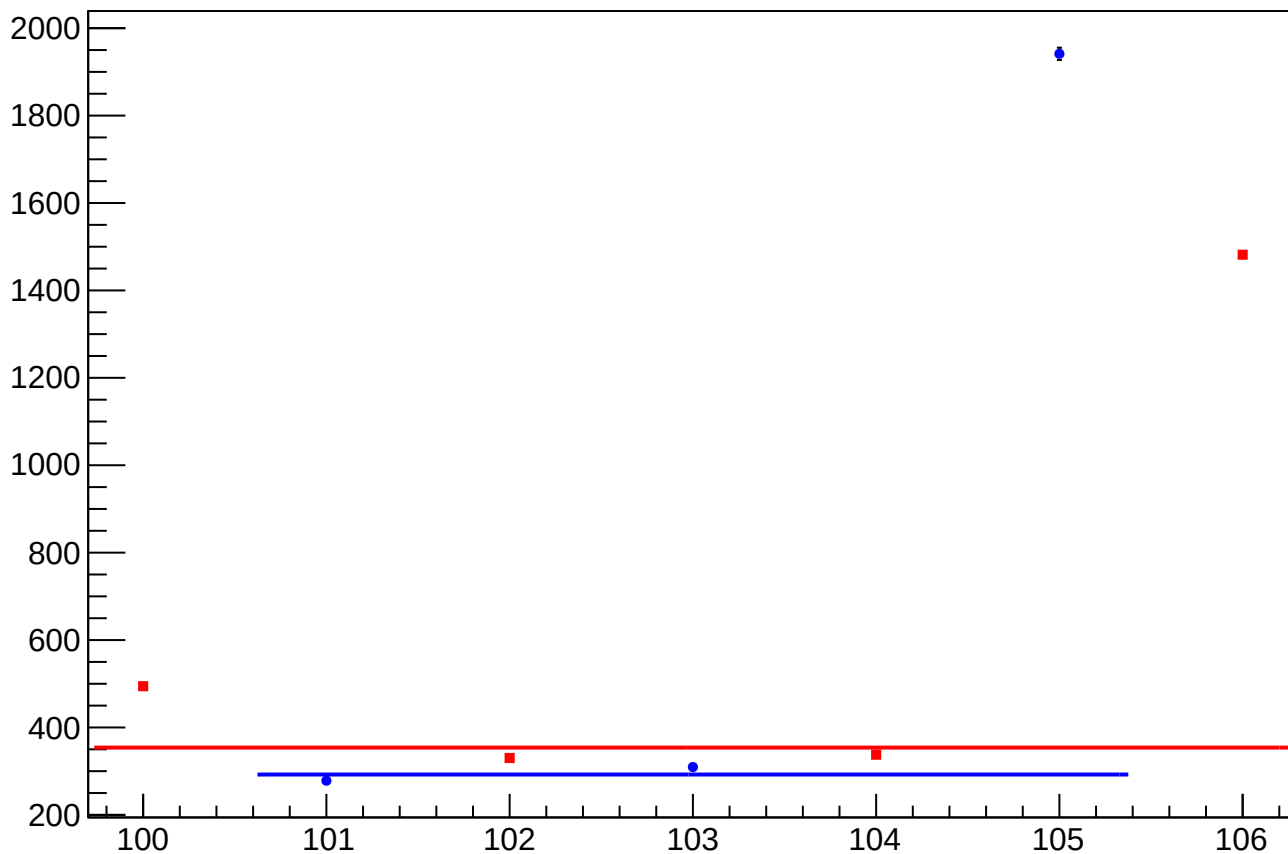
Right Out: 434.718+/-325.985 χ^2/NDF : 0.8/3

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

-272.401+/-274.330 χ^2/NDF : 1.1/2

434.718+/-325.985 χ^2/NDF : 0.8/3

asym_bpm0l03WS_rms vs slug



Right In: 292.322+/-0.194 χ^2/NDF : 20145.2/2

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

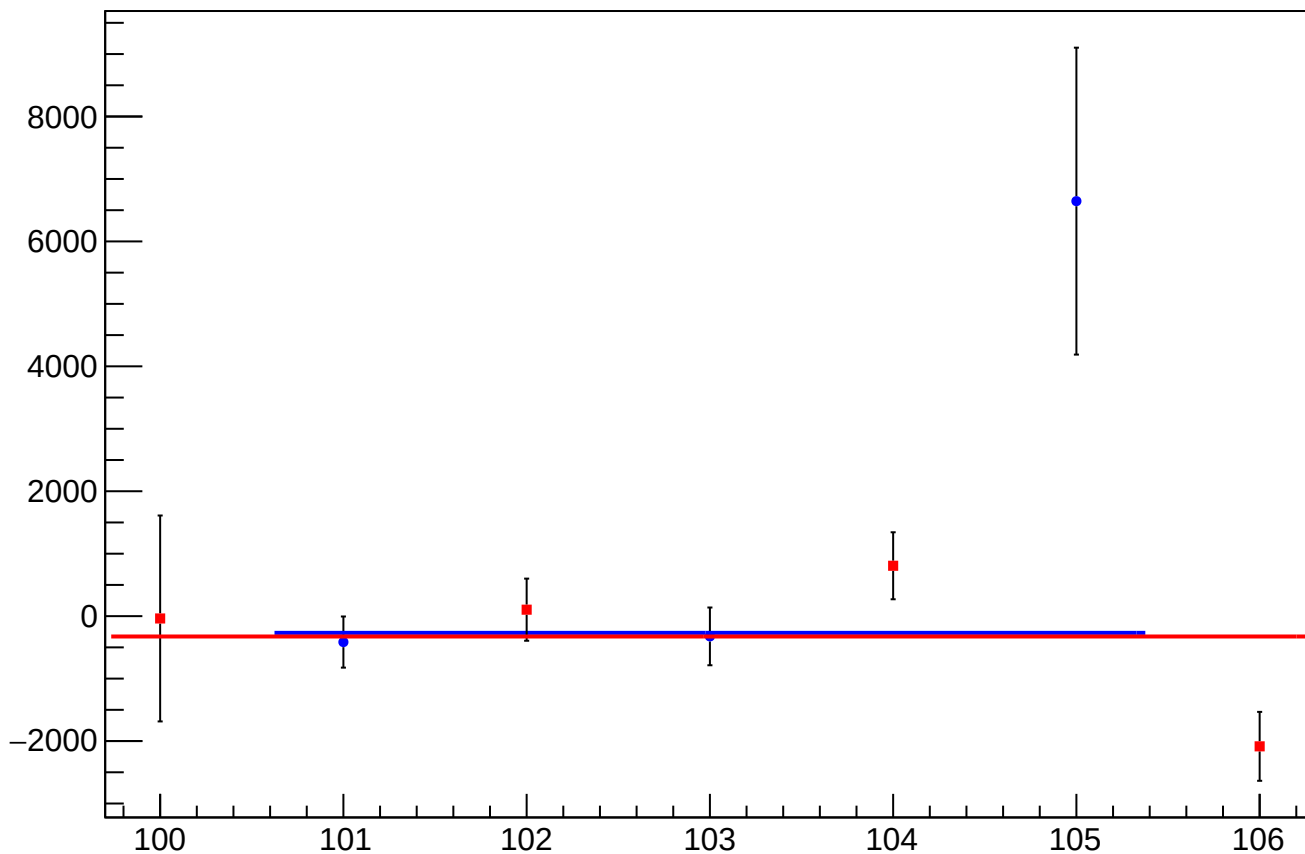
Right Out: 353.955+/-0.231 χ^2/NDF : 356685.3/3

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

292.322+/-0.194 χ^2/NDF : 20145.2/2

353.955+/-0.231 χ^2/NDF : 356685.3/3

asym_bpm0l04WS_mean vs slug



Right In: -267.453+/-304.162 χ^2 /NDF: 8.1/2

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

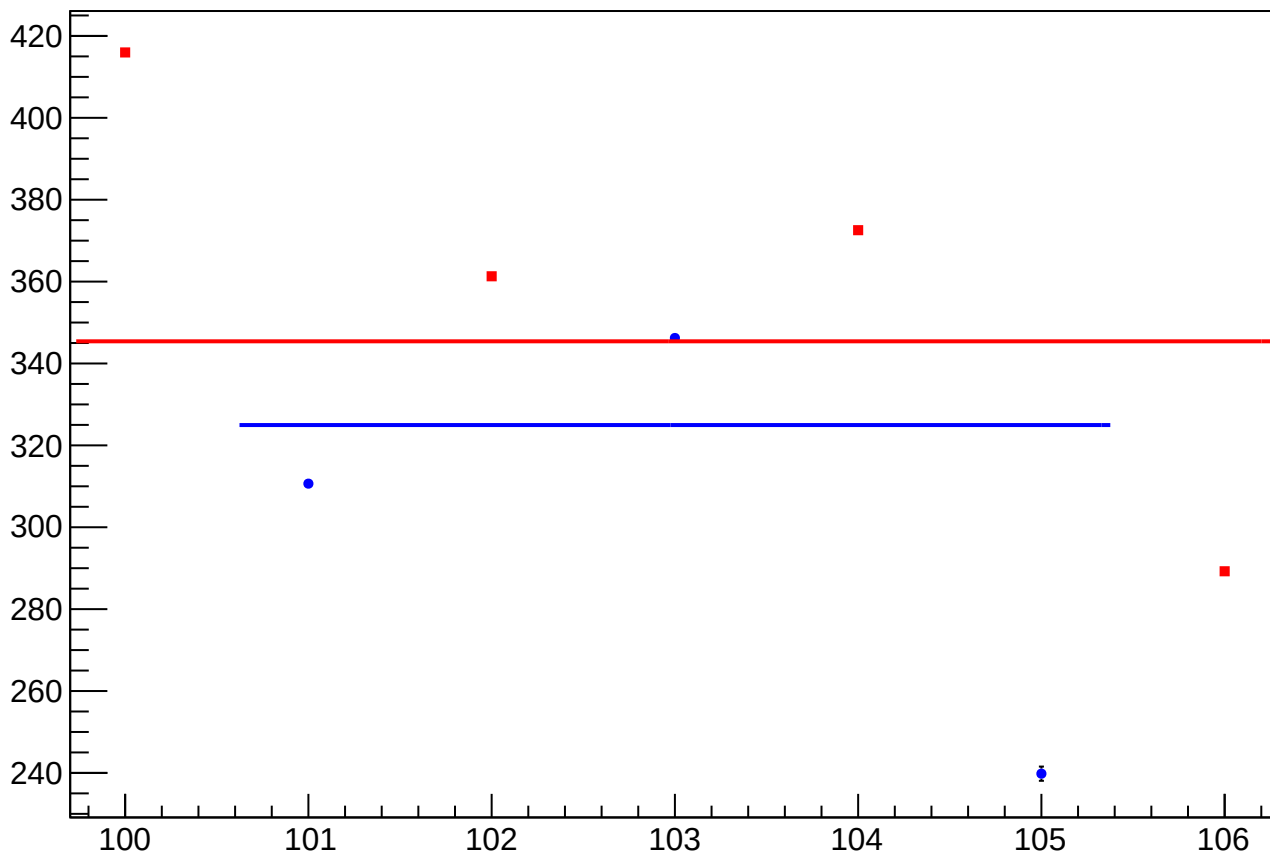
Right Out: -325.814+/-299.198 χ^2 /NDF: 15.4/3

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

-267.453+/-304.162 χ^2 /NDF: 8.1/2

-325.814+/-299.198 χ^2 /NDF: 15.4/3

asym_bpm0l04WS_rms vs slug



Right In: 324.963+/-0.215 χ^2/NDF : 9076.4/2

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

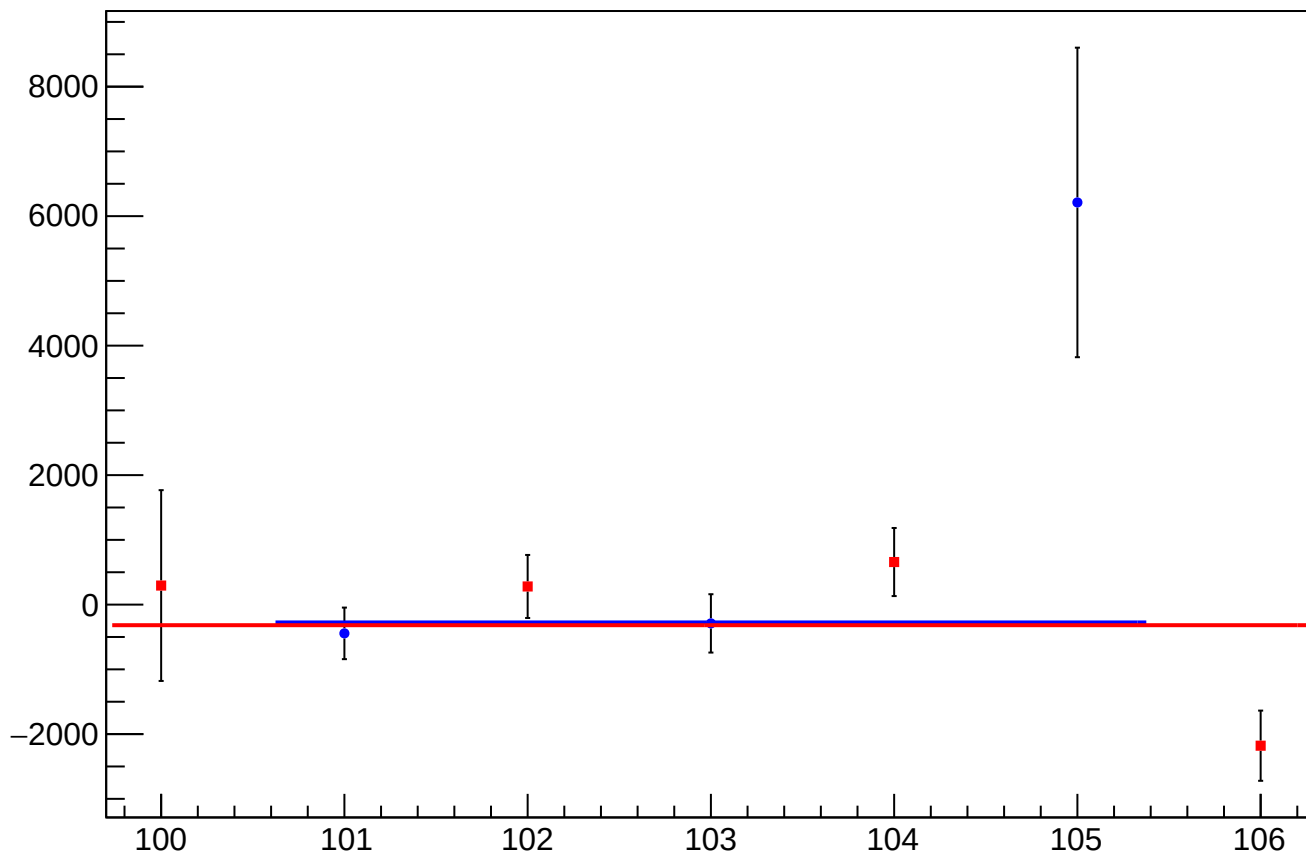
Right Out: 345.415+/-0.212 χ^2/NDF : 31549.4/3

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

324.963+/-0.215 χ^2/NDF : 9076.4/2

345.415+/-0.212 χ^2/NDF : 31549.4/3

asym_bpm0l05WS_mean vs slug



Right In: -275.539 +/- 296.081 χ^2/NDF : 7.5/2

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

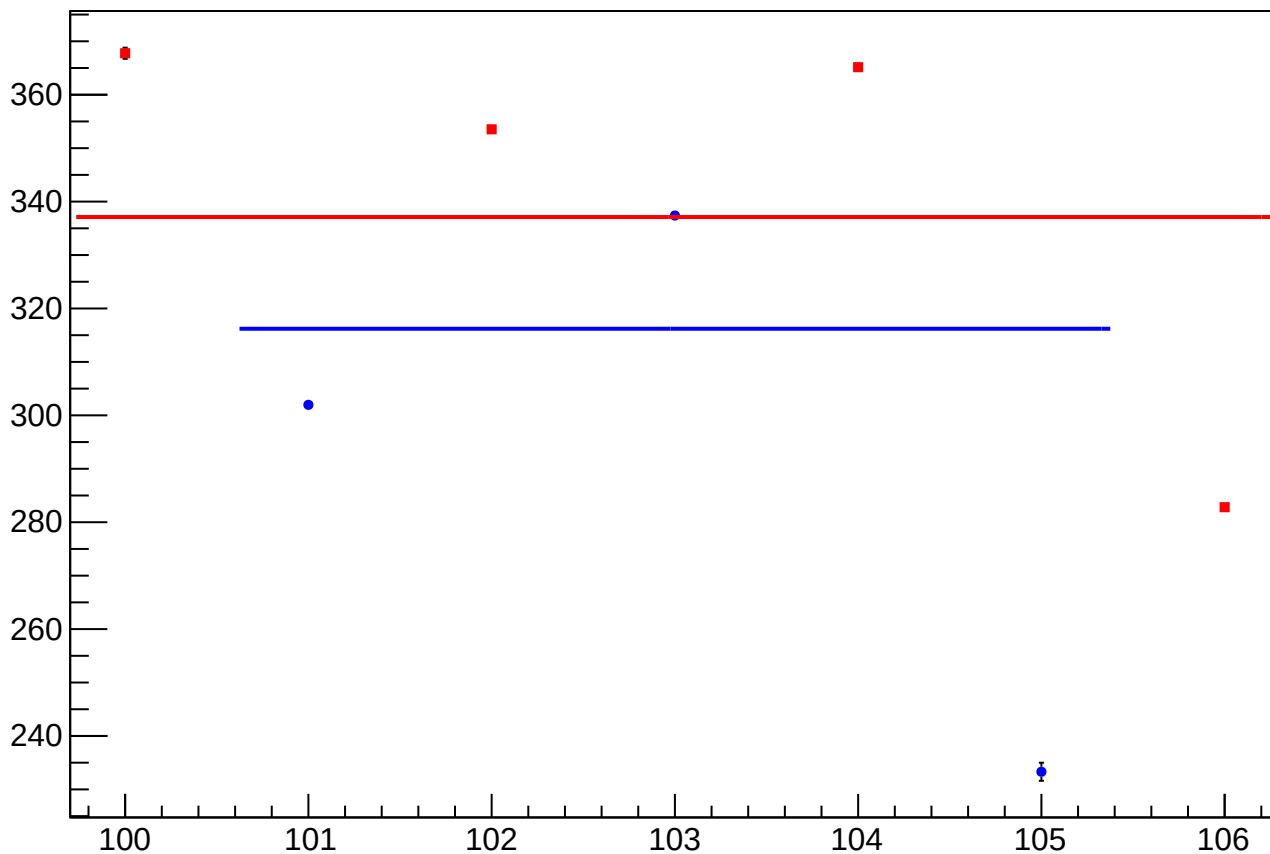
Right Out: -317.879 +/- 292.361 χ^2/NDF : 16.9/3

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

-275.539 +/- 296.081 χ^2/NDF : 7.5/2

-317.879 +/- 292.361 χ^2/NDF : 16.9/3

asym_bpm0l05WS_rms vs slug



Right In: 316.208 $\pm$ 0.209 χ^2 /NDF: 9383.2/2

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

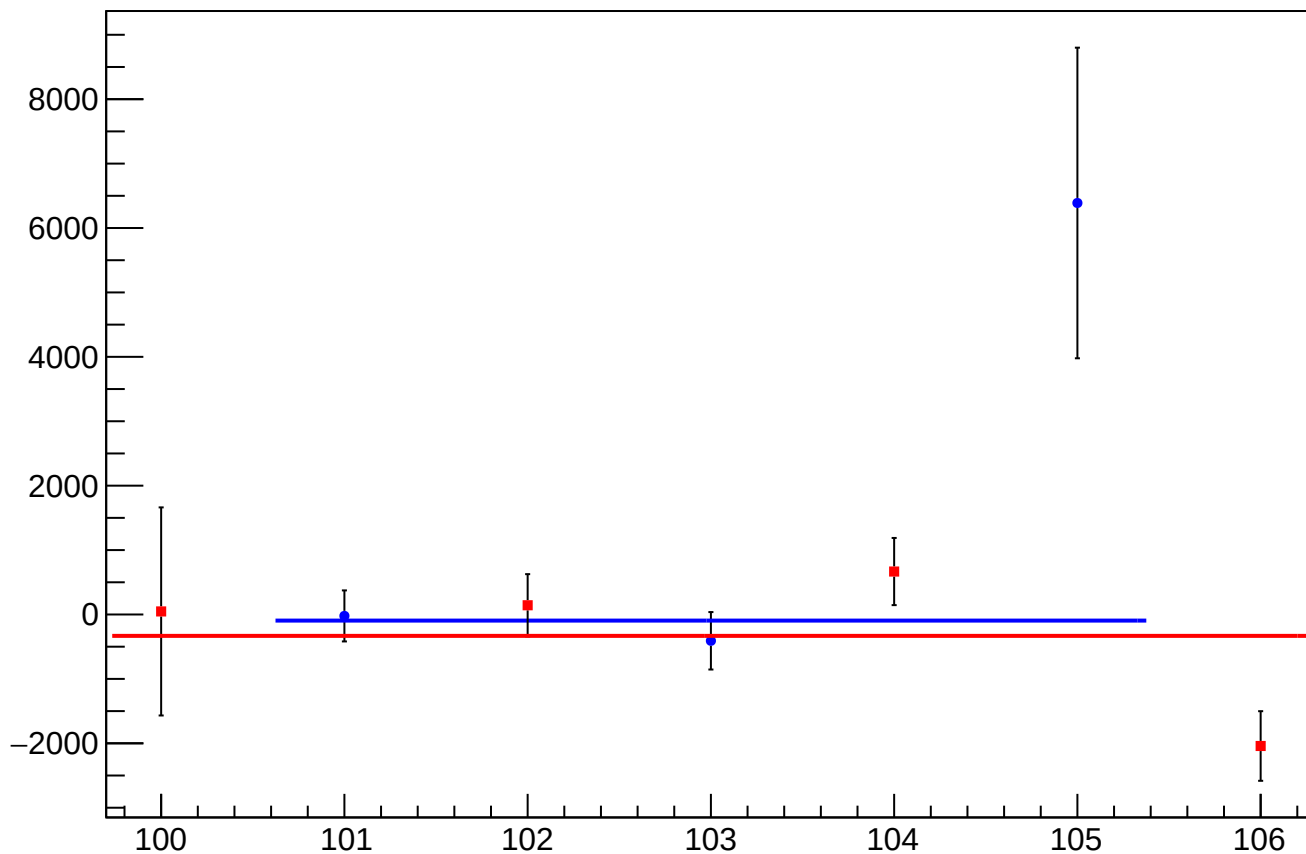
Right Out: 337.114 $\pm$ 0.207 χ^2 /NDF: 28894.8/3

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

316.208 $\pm$ 0.209 χ^2 /NDF: 9383.2/2

337.114 $\pm$ 0.207 χ^2 /NDF: 28894.8/3

asym_bpm0l06WS_mean vs slug



Right In: -94.759+/-293.943 χ^2/NDF : 7.8/2

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

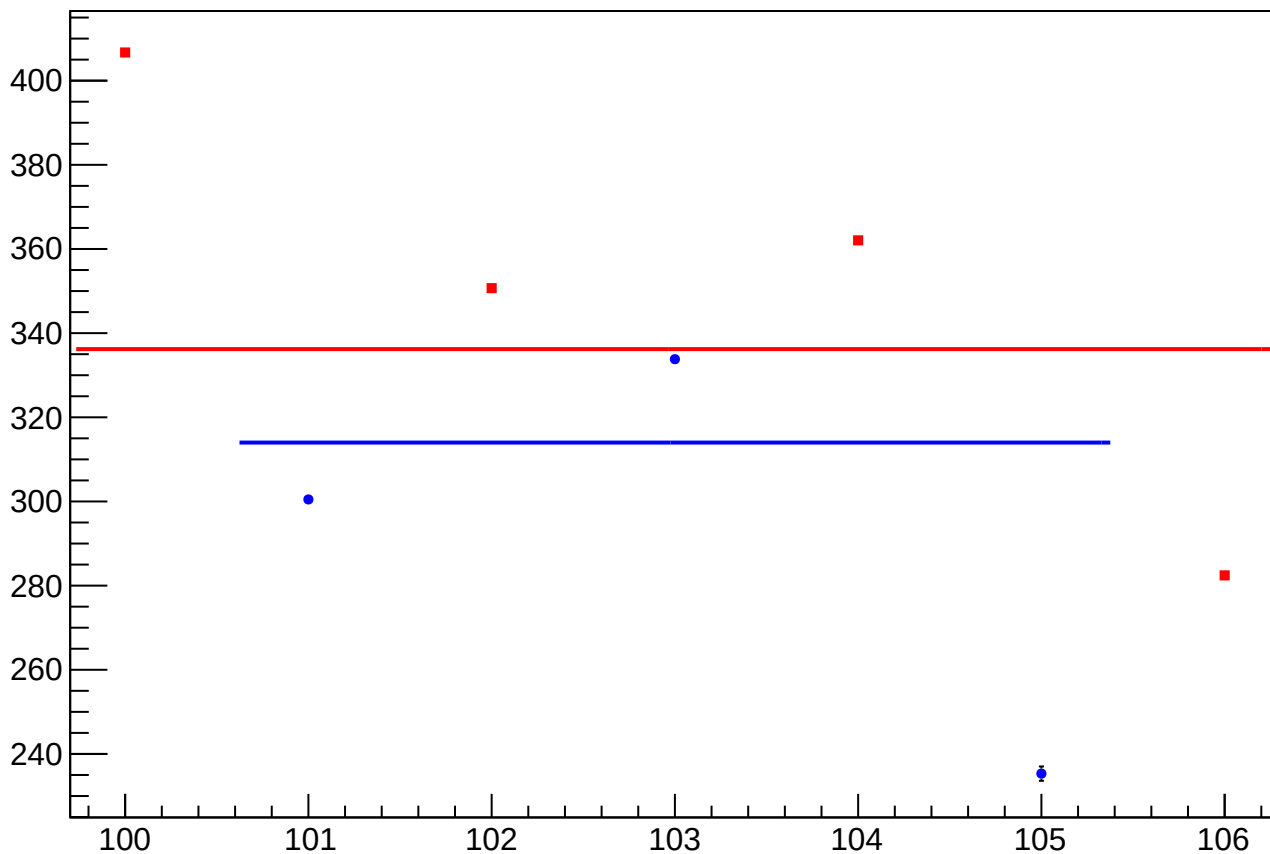
Right Out: -331.980+/-291.477 χ^2/NDF : 14.7/3

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

-94.759+/-293.943 χ^2/NDF : 7.8/2

-331.980+/-291.477 χ^2/NDF : 14.7/3

asym_bpm0l06WS_rms vs slug



Right In: 313.996 $\pm$ 0.208 χ^2 /NDF: 8407.0/2

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

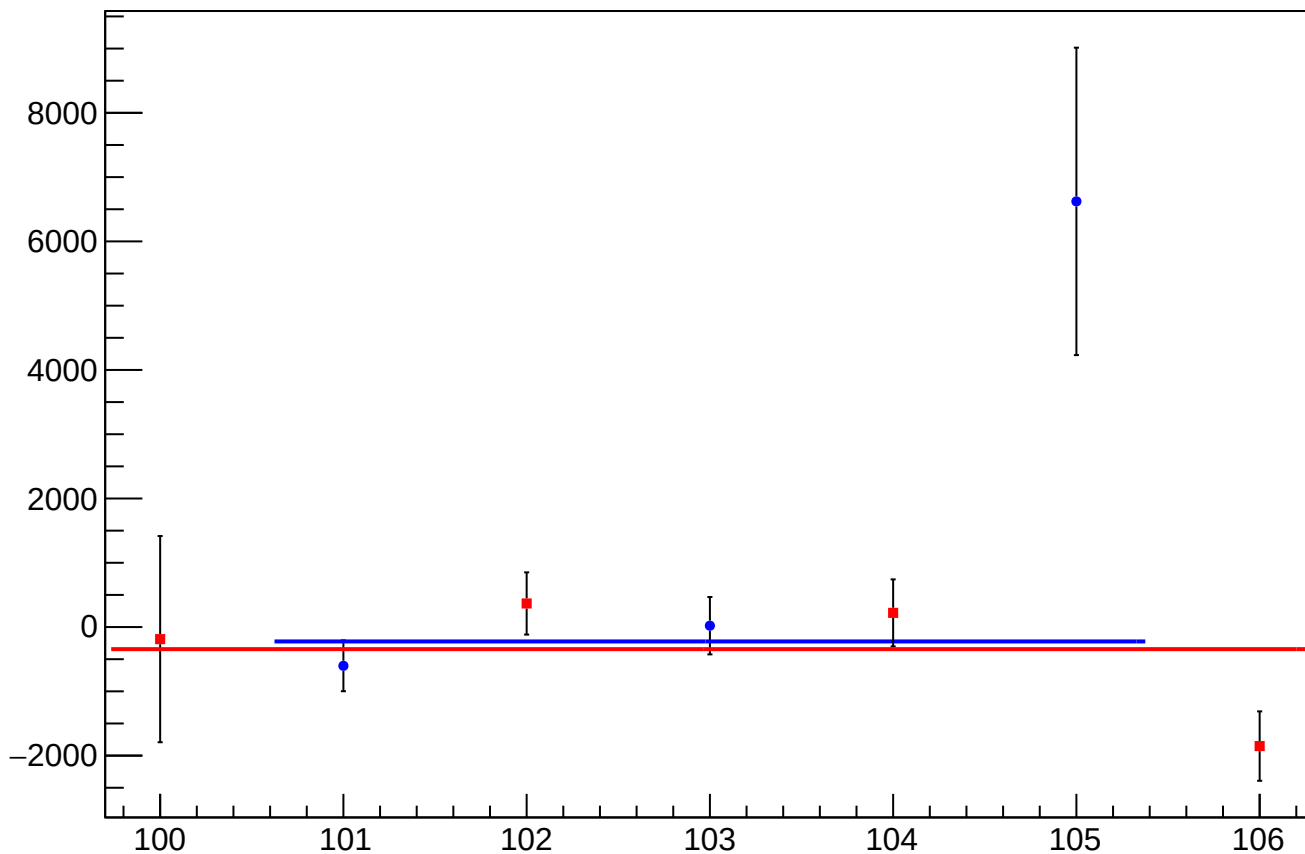
Right Out: 336.206 $\pm$ 0.206 χ^2 /NDF: 30324.9/3

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

313.996 $\pm$ 0.208 χ^2 /NDF: 8407.0/2

336.206 $\pm$ 0.206 χ^2 /NDF: 30324.9/3

asym_bpm0l07WS_mean vs slug



Right In: -223.701+/-293.661 χ^2 /NDF: 9.4/2

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

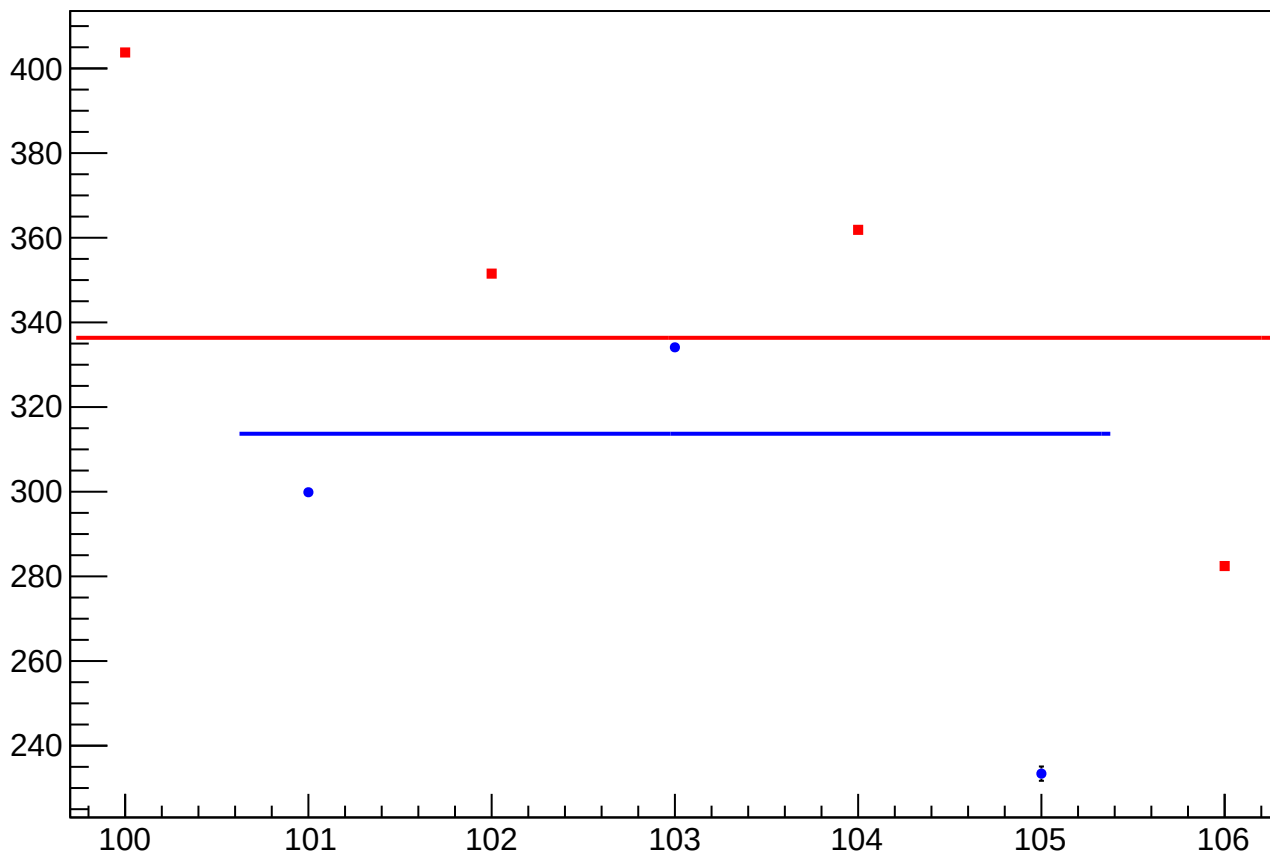
Right Out: -343.499+/-291.542 χ^2 /NDF: 11.1/3

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

-223.701+/-293.661 χ^2 /NDF: 9.4/2

-343.499+/-291.542 χ^2 /NDF: 11.1/3

asym_bpm0l07WS_rms vs slug



Right In: 313.696 $\pm$ 0.208 χ^2 /NDF: 8886.2/2

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

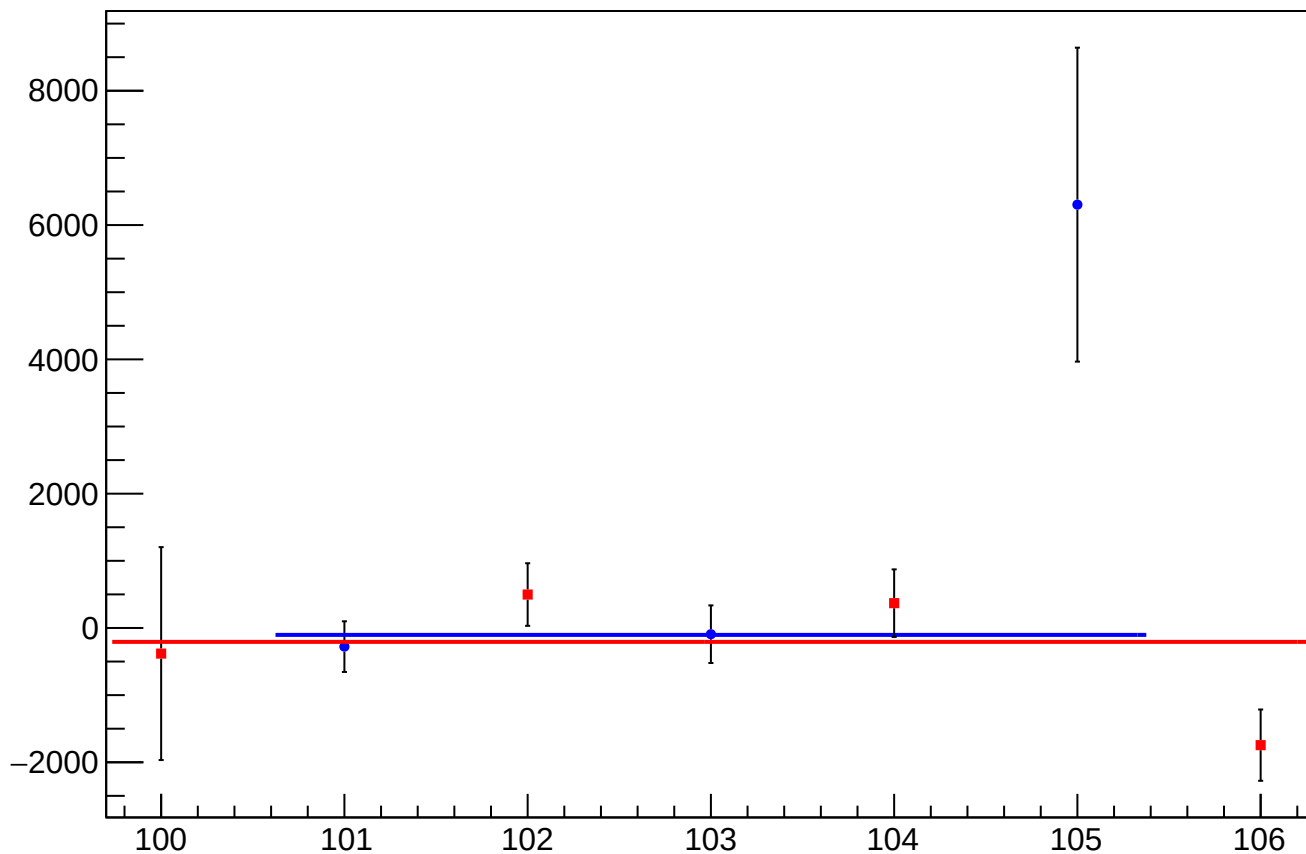
Right Out: 336.361 $\pm$ 0.206 χ^2 /NDF: 30215.8/3

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

313.696 $\pm$ 0.208 χ^2 /NDF: 8886.2/2

336.361 $\pm$ 0.206 χ^2 /NDF: 30215.8/3

asym_bpm0l08WS_mean vs slug



Right In: -102.833+/-281.216 χ^2 /NDF: 7.7/2

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

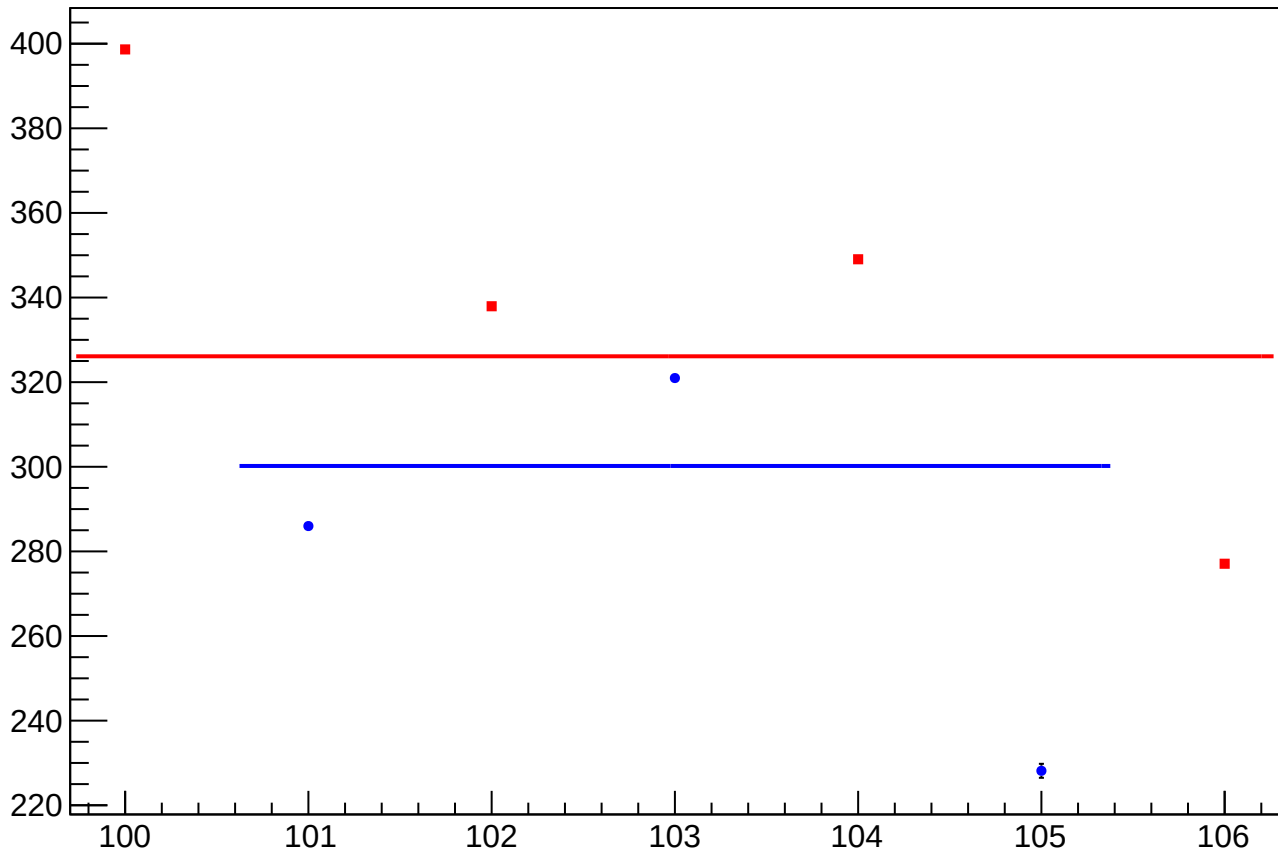
Right Out: -207.058+/-282.786 χ^2 /NDF: 12.0/3

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

-102.833+/-281.216 χ^2 /NDF: 7.7/2

-207.058+/-282.786 χ^2 /NDF: 12.0/3

asym_bpm0l08WS_rms vs slug



Right In: 300.194+/-0.199 χ^2/NDF : 9428.7/2

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

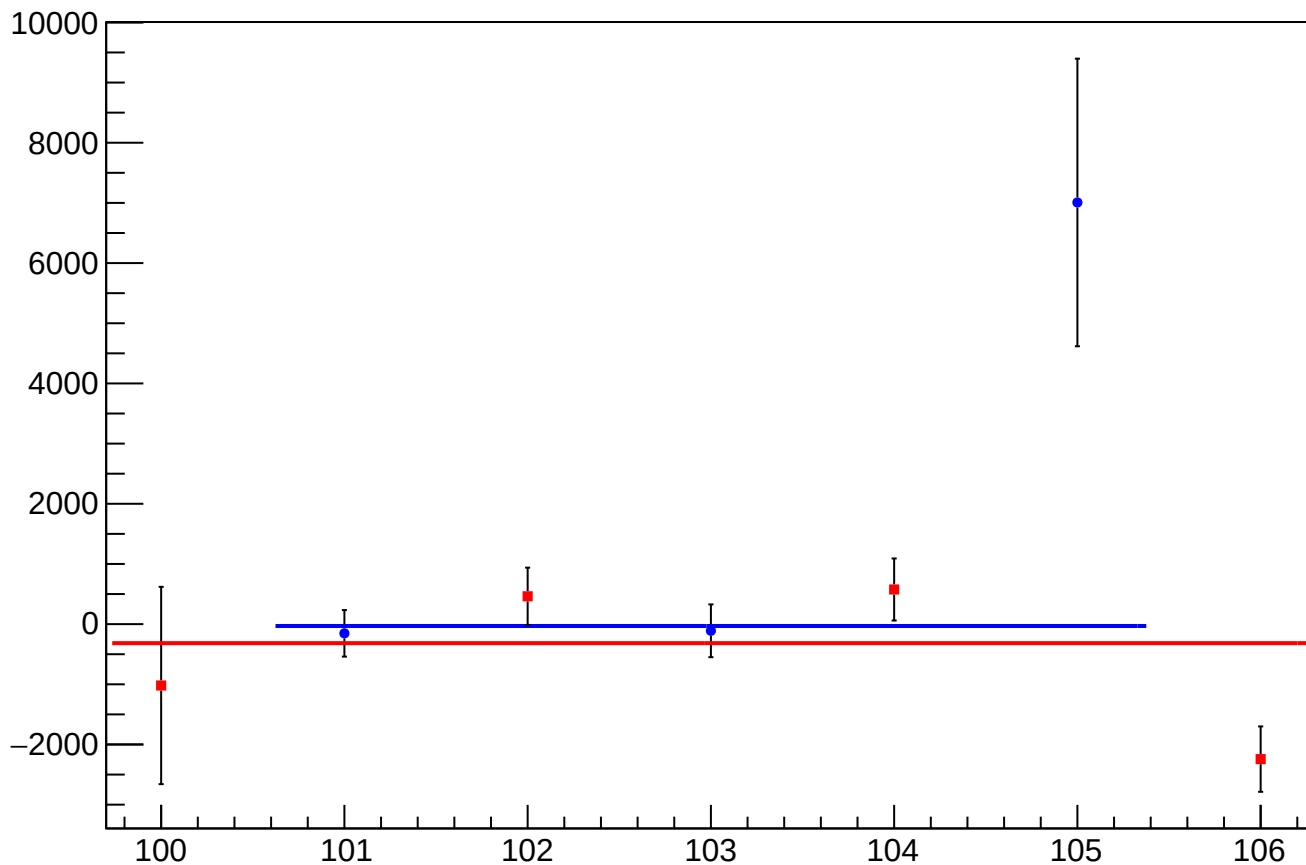
300.194+/-0.199 χ^2/NDF : 9428.7/2

Right Out: 326.114+/-0.200 χ^2/NDF : 26693.7/3

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

326.114+/-0.200 χ^2/NDF : 26693.7/3

asym_bpm0l09WS_mean vs slug



Right In: -30.930 ± 287.906 $\chi^2/\text{NDF}: 8.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

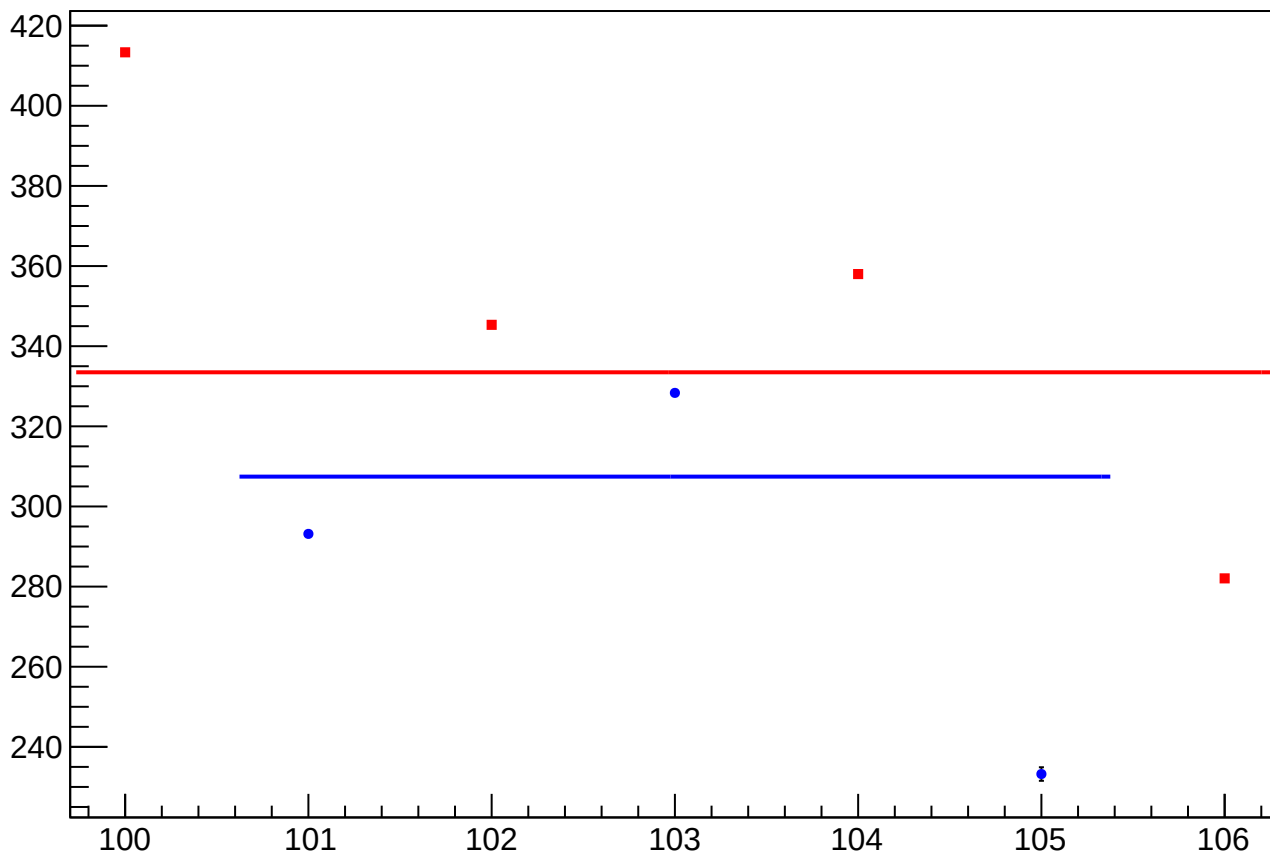
Right Out: -315.838 ± 289.429 $\chi^2/\text{NDF}: 18.4/3$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-30.930 ± 287.906 $\chi^2/\text{NDF}: 8.8/2$

-315.838 ± 289.429 $\chi^2/\text{NDF}: 18.4/3$

asym_bpm0l09WS_rms vs slug



Right In: 307.449 $\pm$ 0.204 χ^2 /NDF: 9204.0/2

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

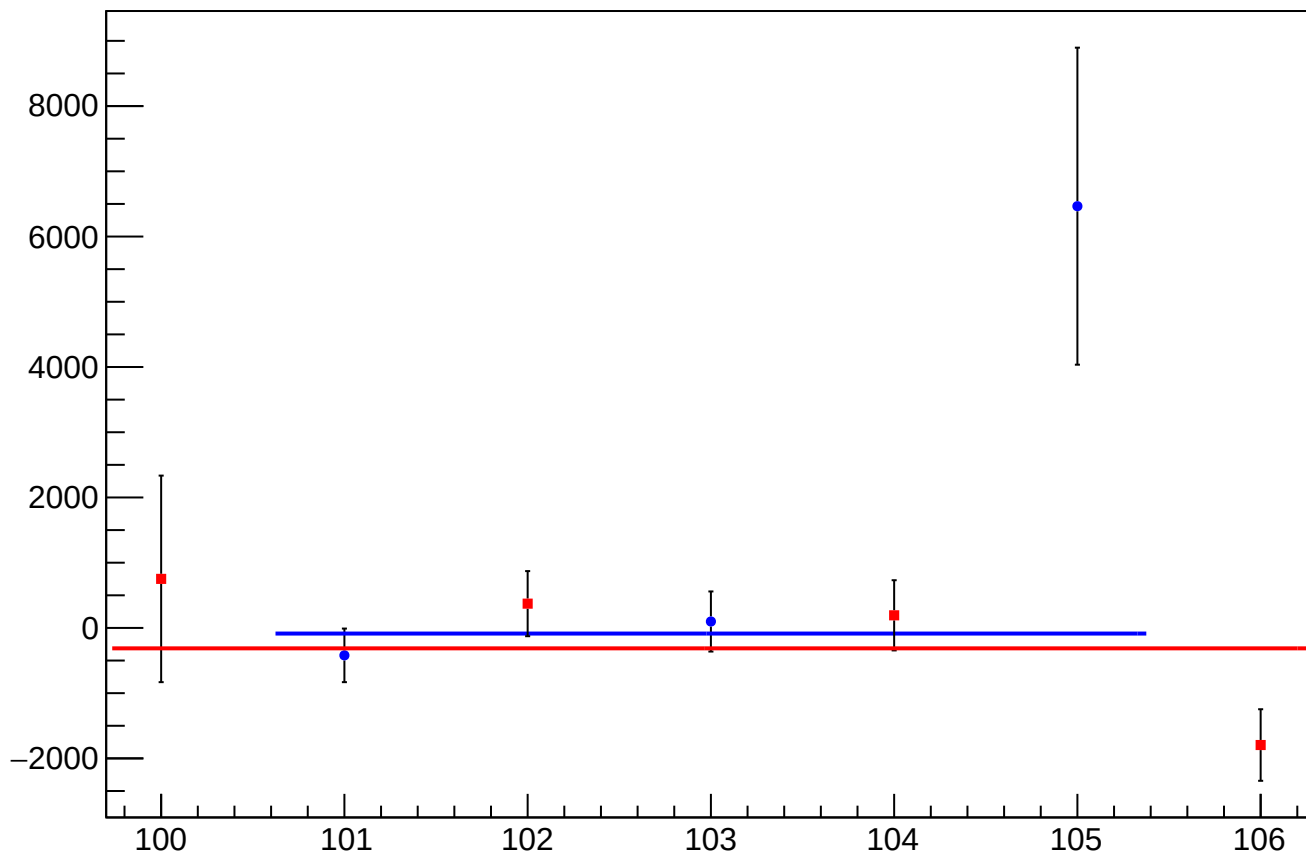
Right Out: 333.486 $\pm$ 0.205 χ^2 /NDF: 28433.0/3

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

307.449 $\pm$ 0.204 χ^2 /NDF: 9204.0/2

333.486 $\pm$ 0.205 χ^2 /NDF: 28433.0/3

asym_bpm0l10WS_mean vs slug



Right In: -86.280+/-304.176 χ^2/NDF : 8.1/2

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

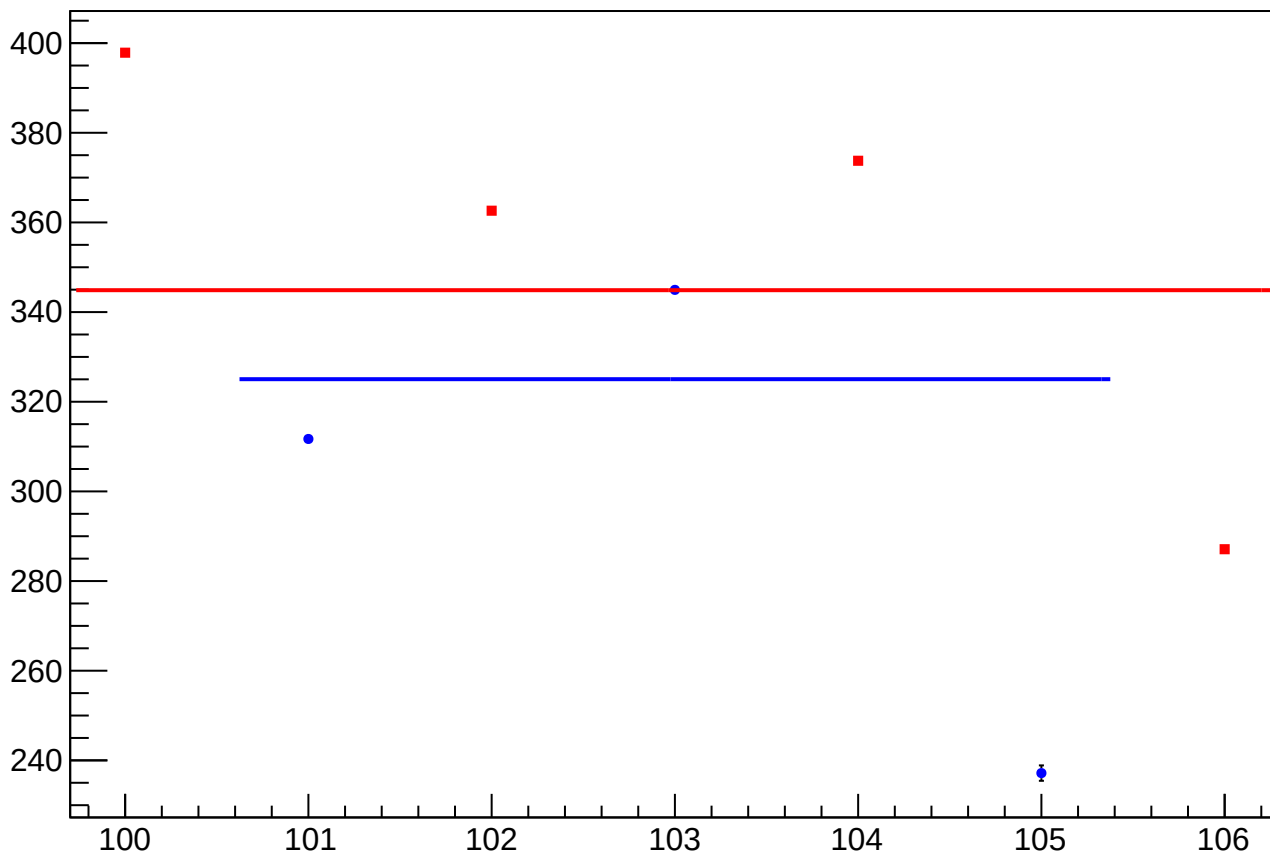
Right Out: -313.073+/-298.926 χ^2/NDF : 10.5/3

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

-86.280+/-304.176 χ^2/NDF : 8.1/2

-313.073+/-298.926 χ^2/NDF : 10.5/3

asym_bpm0l10WS_rms vs slug



Right In: 325.032 $\pm$ 0.215 χ^2 /NDF: 8464.3/2

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

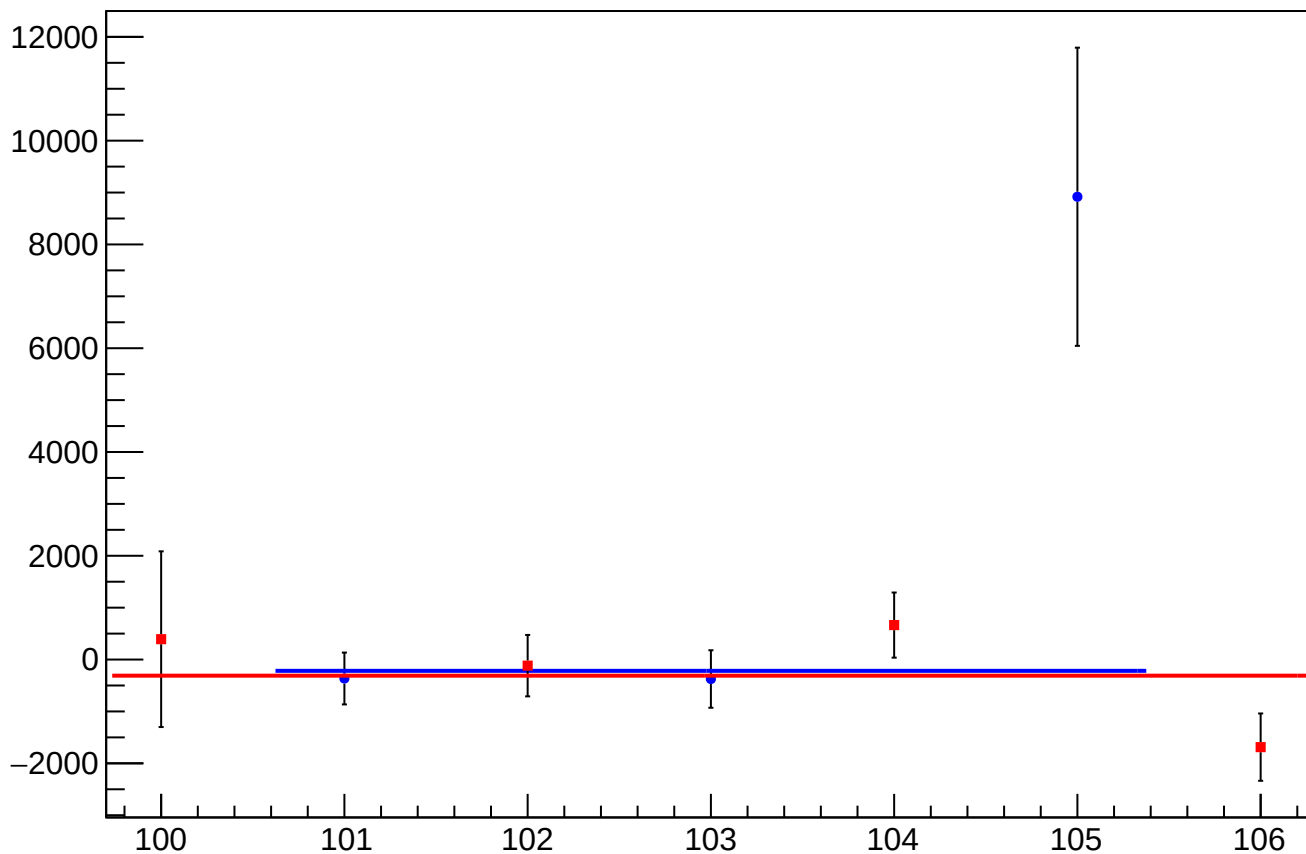
Right Out: 344.886 $\pm$ 0.211 χ^2 /NDF: 32717.2/3

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

325.032 $\pm$ 0.215 χ^2 /NDF: 8464.3/2

344.886 $\pm$ 0.211 χ^2 /NDF: 32717.2/3

asym_bpm0r03WS_mean vs slug



Right In: -217.236+/-367.966 χ^2 /NDF: 10.3/2

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

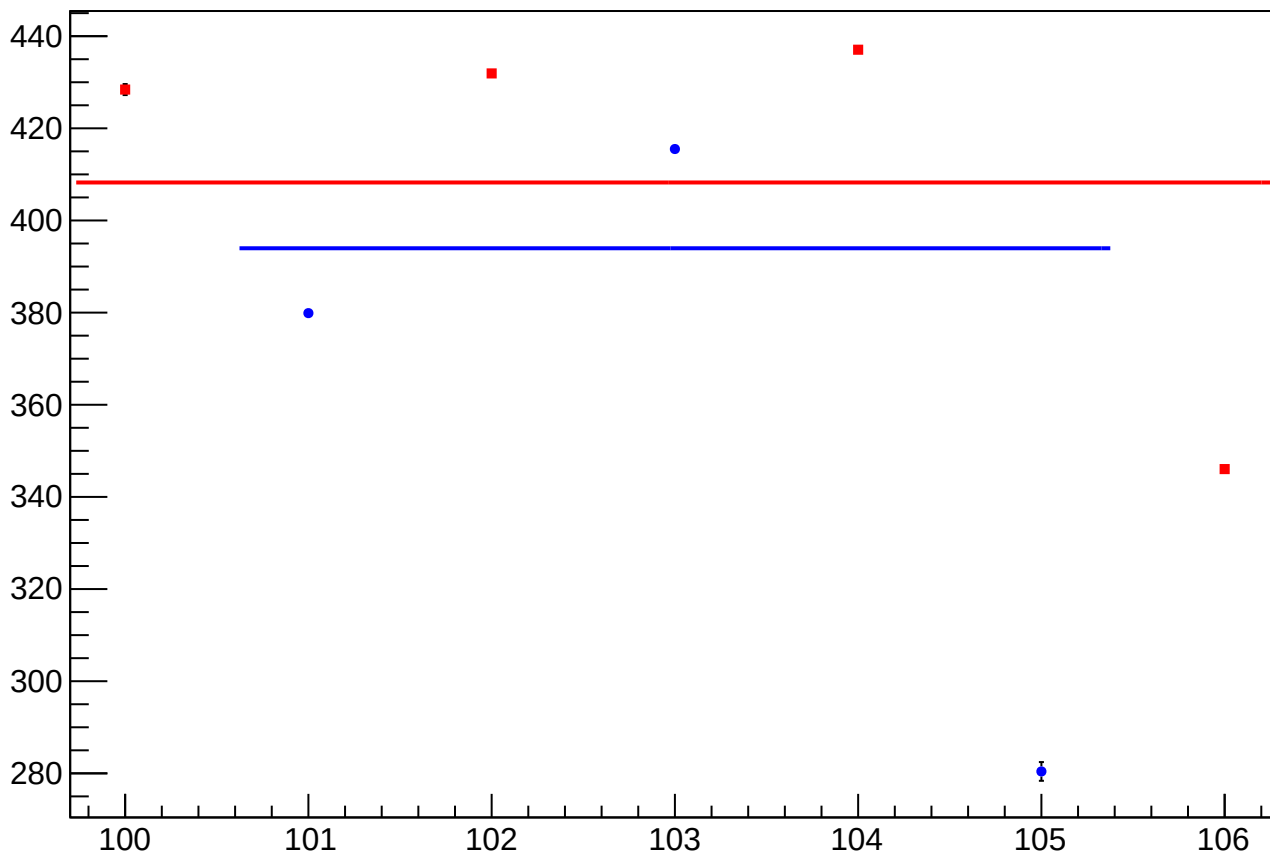
Right Out: -310.590+/-350.946 χ^2 /NDF: 7.2/3

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

-217.236+/-367.966 χ^2 /NDF: 10.3/2

-310.590+/-350.946 χ^2 /NDF: 7.2/3

asym_bpm0r03WS_rms vs slug



Right In: 393.967 $\pm$ 0.260 χ^2 /NDF: 7735.1/2

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

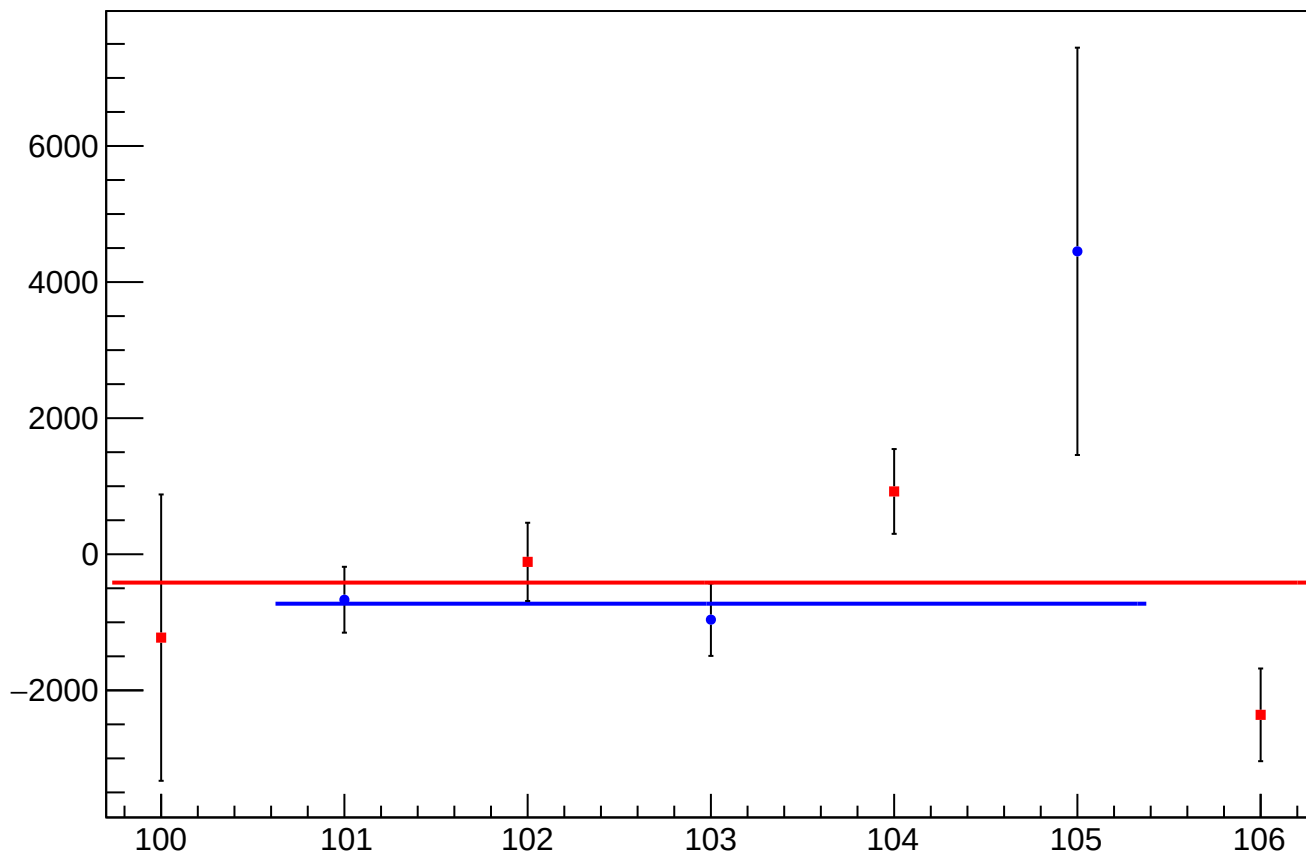
393.967 $\pm$ 0.260 χ^2 /NDF: 7735.1/2

Right Out: 408.245 $\pm$ 0.248 χ^2 /NDF: 26088.0/3

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

408.245 $\pm$ 0.248 χ^2 /NDF: 26088.0/3

asym_bpm0r05WS_mean vs slug



Right In: -726.647+/-355.640 χ^2/NDF : 3.2/2

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

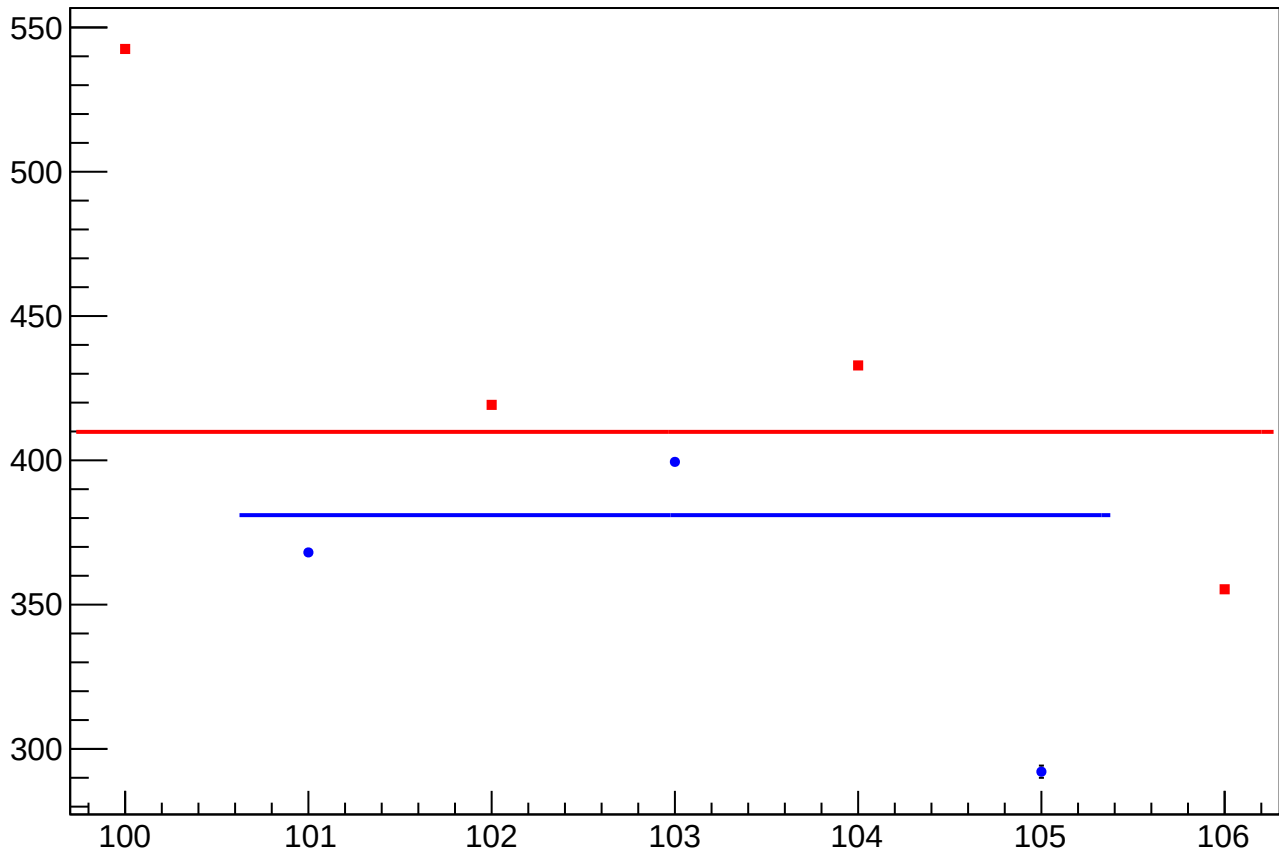
Right Out: -416.438+/-353.902 χ^2/NDF : 13.2/3

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

-726.647+/-355.640 χ^2/NDF : 3.2/2

-416.438+/-353.902 χ^2/NDF : 13.2/3

asym_bpm0r05WS_rms vs slug



Right In: 381.007 $\pm$ 0.251 χ^2 /NDF: 5592.6/2

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

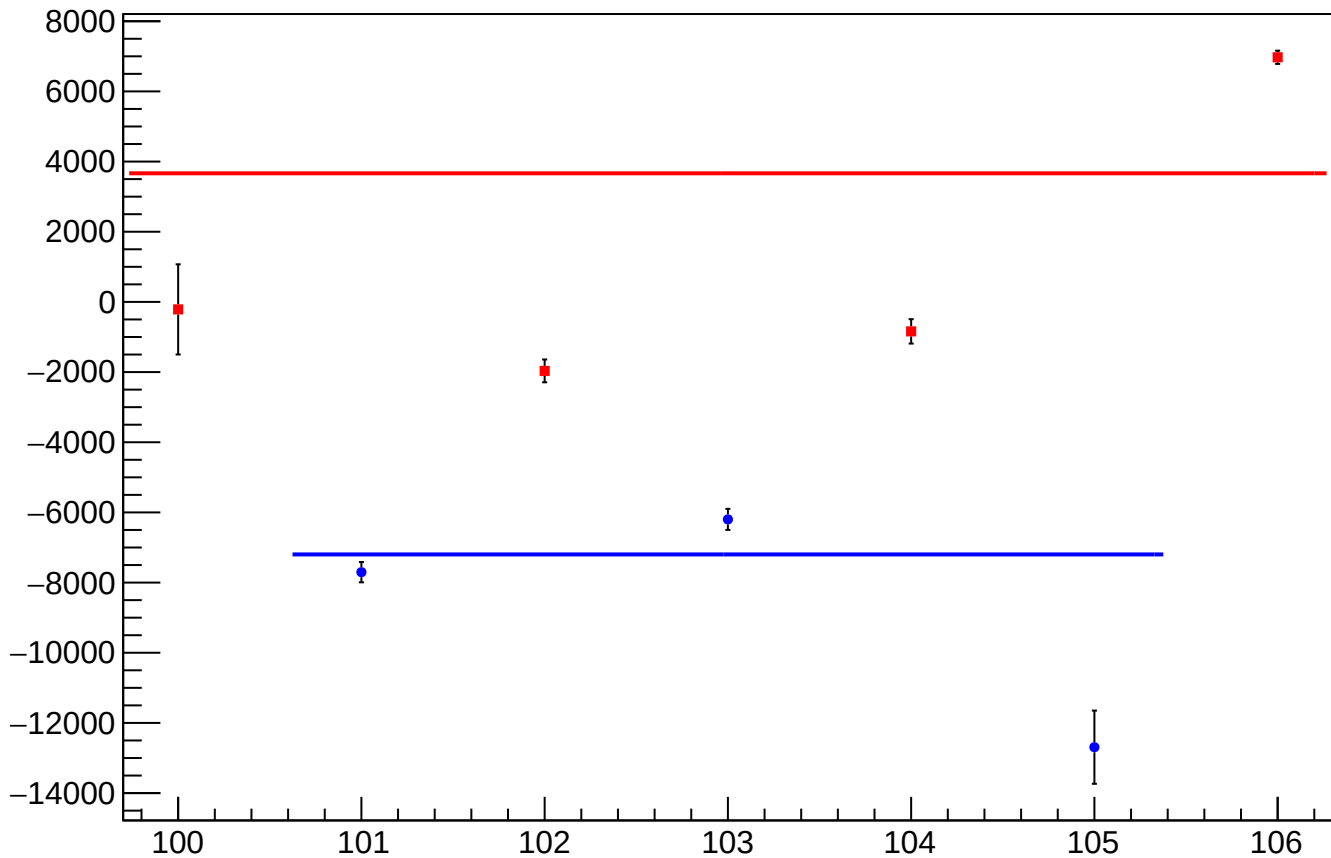
381.007 $\pm$ 0.251 χ^2 /NDF: 5592.6/2

Right Out: 409.865 $\pm$ 0.250 χ^2 /NDF: 24039.5/3

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

409.865 $\pm$ 0.250 χ^2 /NDF: 24039.5/3

asym_bpm1i04WS_mean vs slug



Right In: -7197.219 $\pm$ 204.066 χ^2 /NDF: 41.9/2

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

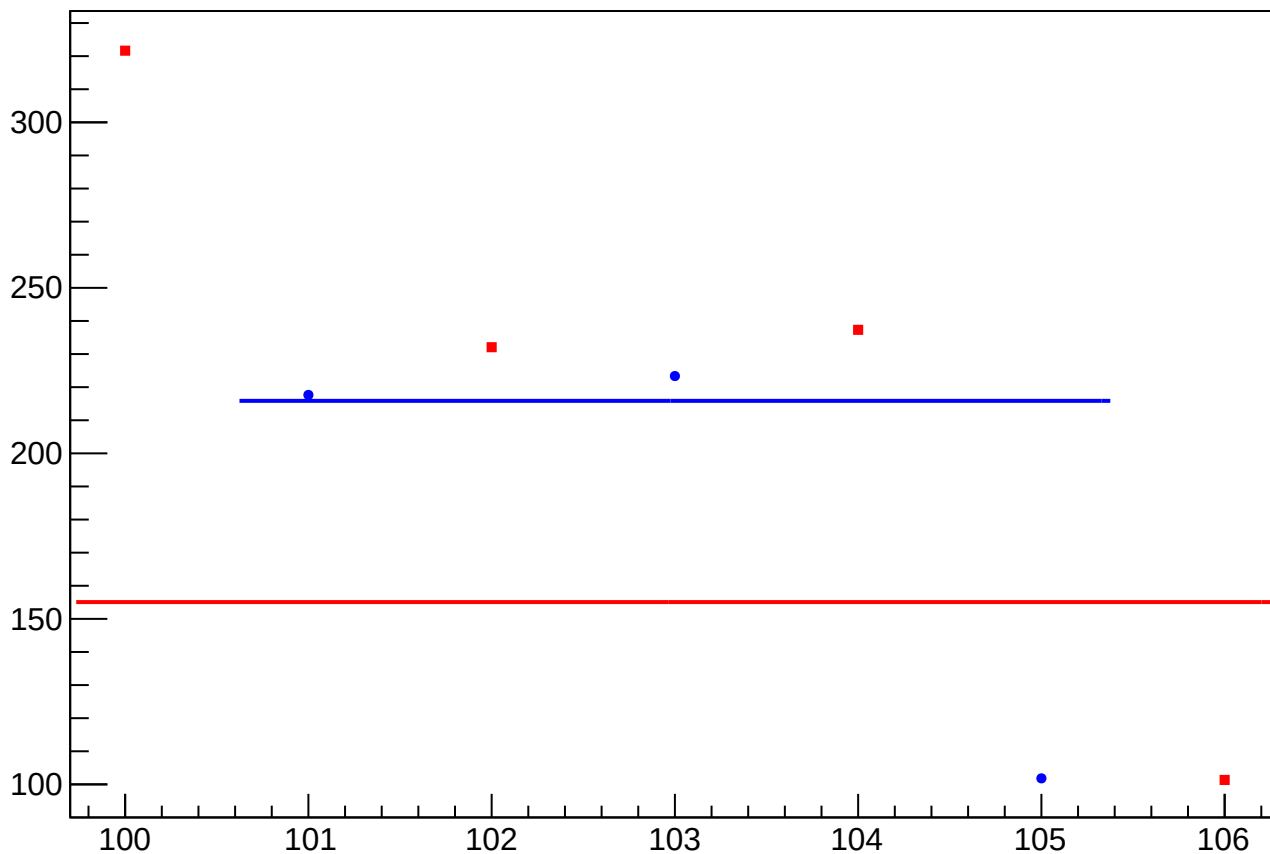
-7197.219 $\pm$ 204.066 χ^2 /NDF: 41.9/2

Right Out: 3665.800 $\pm$ 146.780 χ^2 /NDF: 783.9/3

3665.800 $\pm$ 146.780 χ^2 /NDF: 783.9/3

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

asym_bpm1i04WS_rms vs slug



Right In: 215.864 $\pm$ 0.144 χ^2 /NDF: 25224.9/2

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

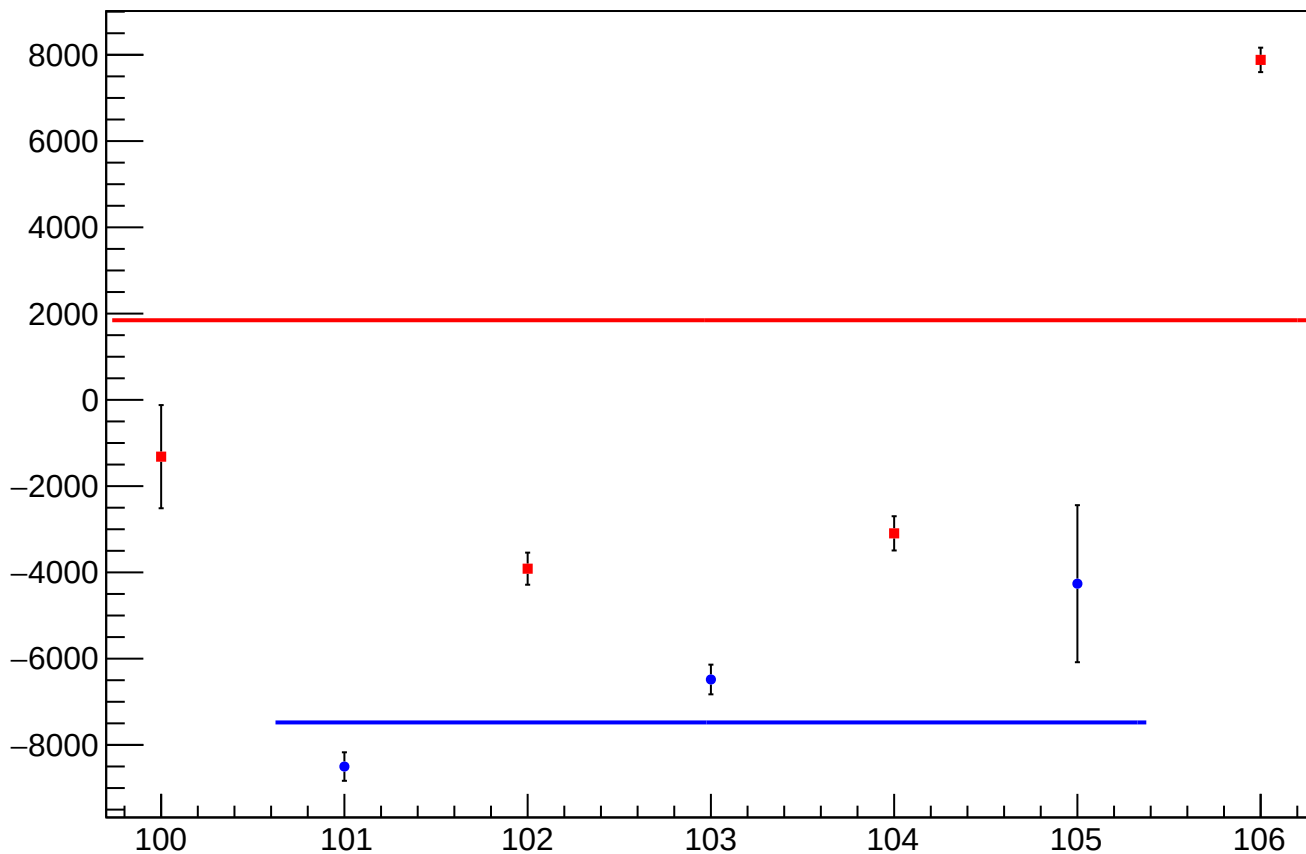
Right Out: 155.074 $\pm$ 0.104 χ^2 /NDF: 419752.4/3

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

215.864 $\pm$ 0.144 χ^2 /NDF: 25224.9/2

155.074 $\pm$ 0.104 χ^2 /NDF: 419752.4/3

asym_bpm1i06WS_mean vs slug



Right In: -7478.767 $\pm$ 236.328 χ^2 /NDF: 21.1/2

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

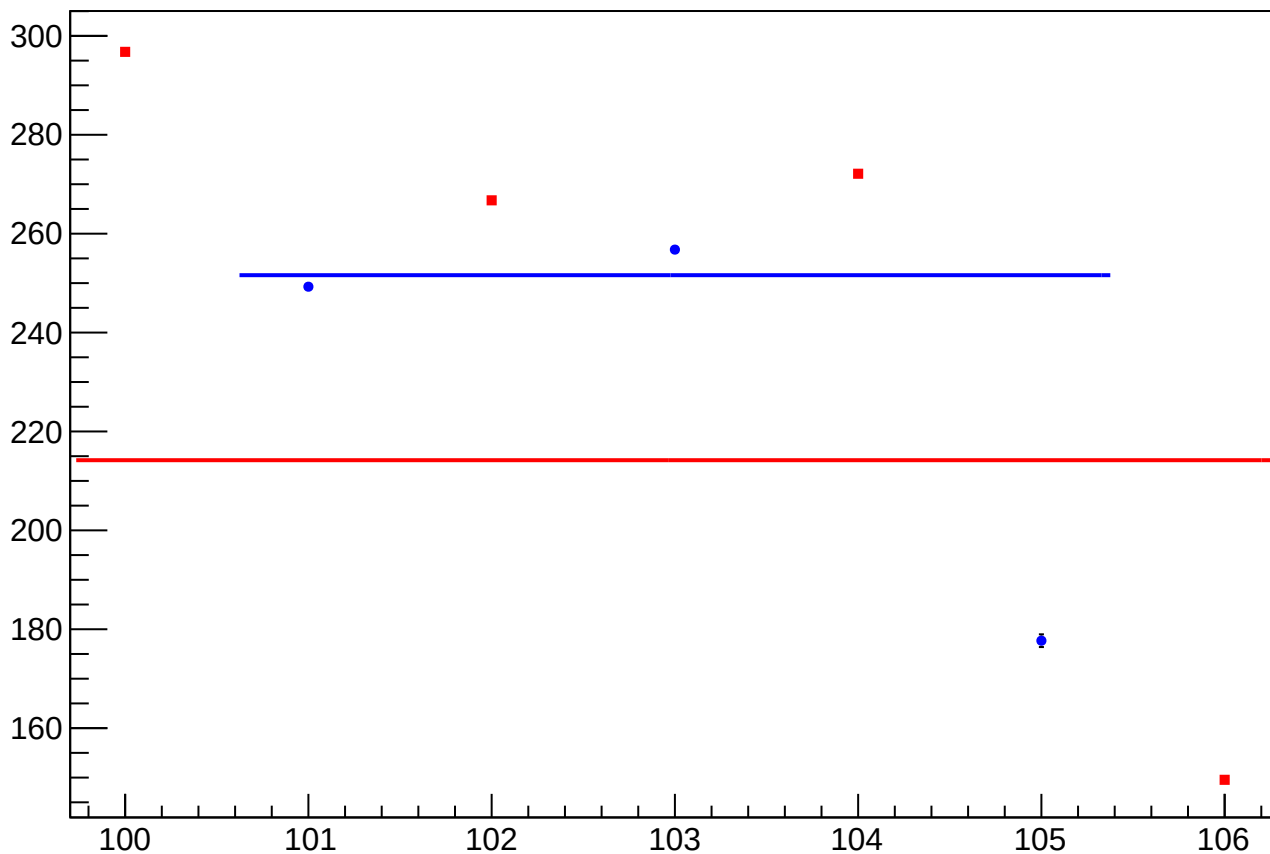
Right Out: 1846.028 $\pm$ 193.453 χ^2 /NDF: 855.3/3

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

-7478.767 $\pm$ 236.328 χ^2 /NDF: 21.1/2

1846.028 $\pm$ 193.453 χ^2 /NDF: 855.3/3

asym_bpm1i06WS_rms vs slug



Right In: 251.605 $\pm$ 0.167 χ^2 /NDF: 3847.6/2

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

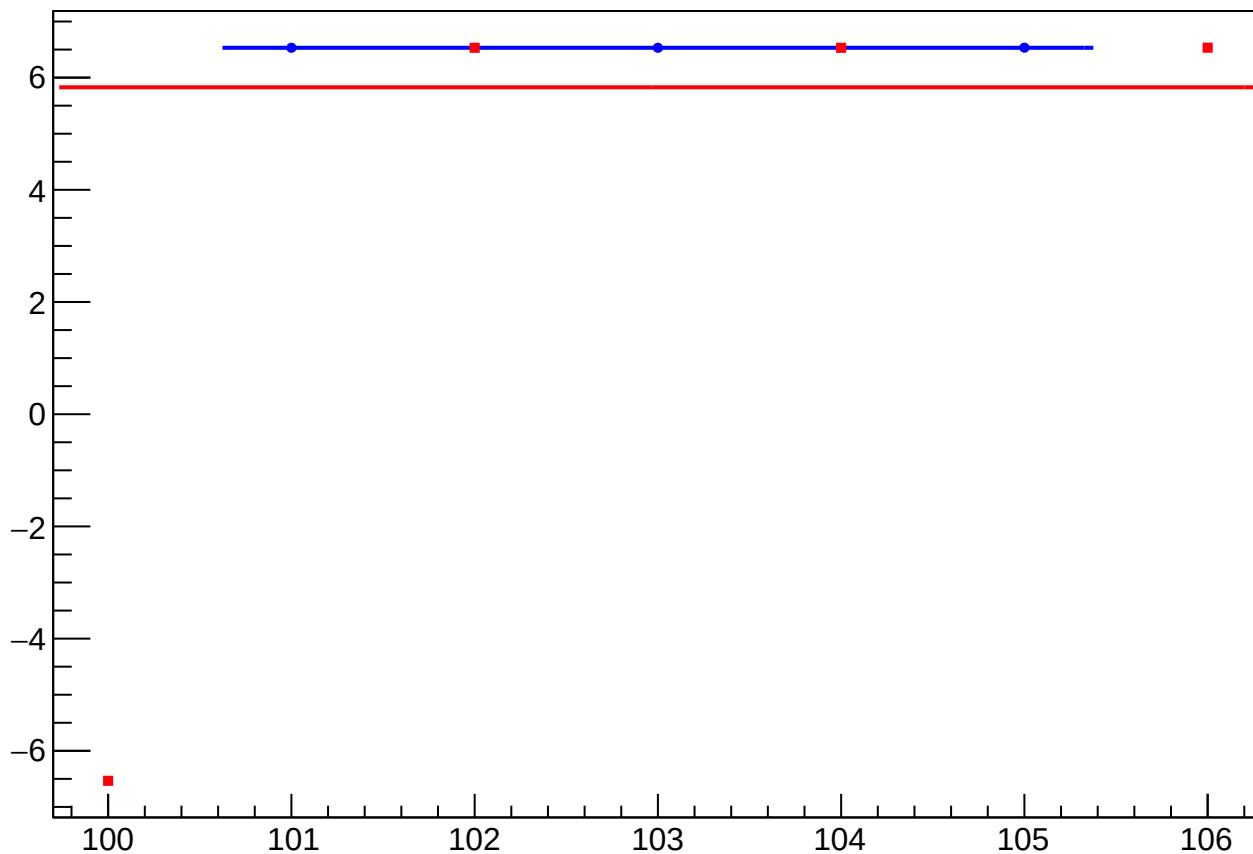
Right Out: 214.188 $\pm$ 0.137 χ^2 /NDF: 196084.8/3

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

251.605 $\pm$ 0.167 χ^2 /NDF: 3847.6/2

214.188 $\pm$ 0.137 χ^2 /NDF: 196084.8/3

yield_cav4bX_mean vs slug



Right In: 6.532 $\pm$ 0.000 χ^2 /NDF: 2830685.7/2

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

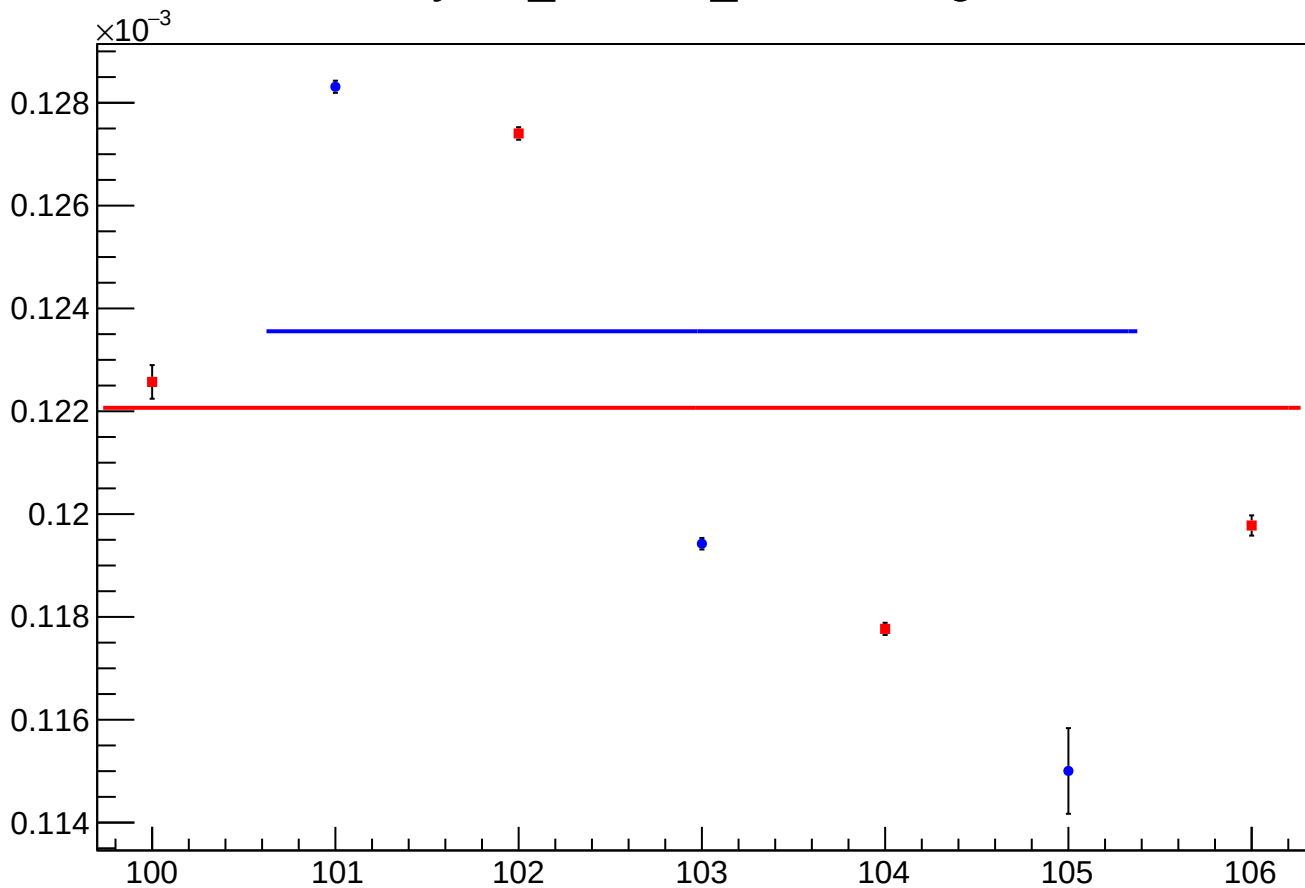
Right Out: 5.828 $\pm$ 0.000 χ^2 /NDF: 755836553260132.2/3

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

6.532 $\pm$ 0.000 χ^2 /NDF: 2830685.7/2

5.828 $\pm$ 0.000 χ^2 /NDF: 755836553260132.2/3

yield_cav4bX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 3075.7/2

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

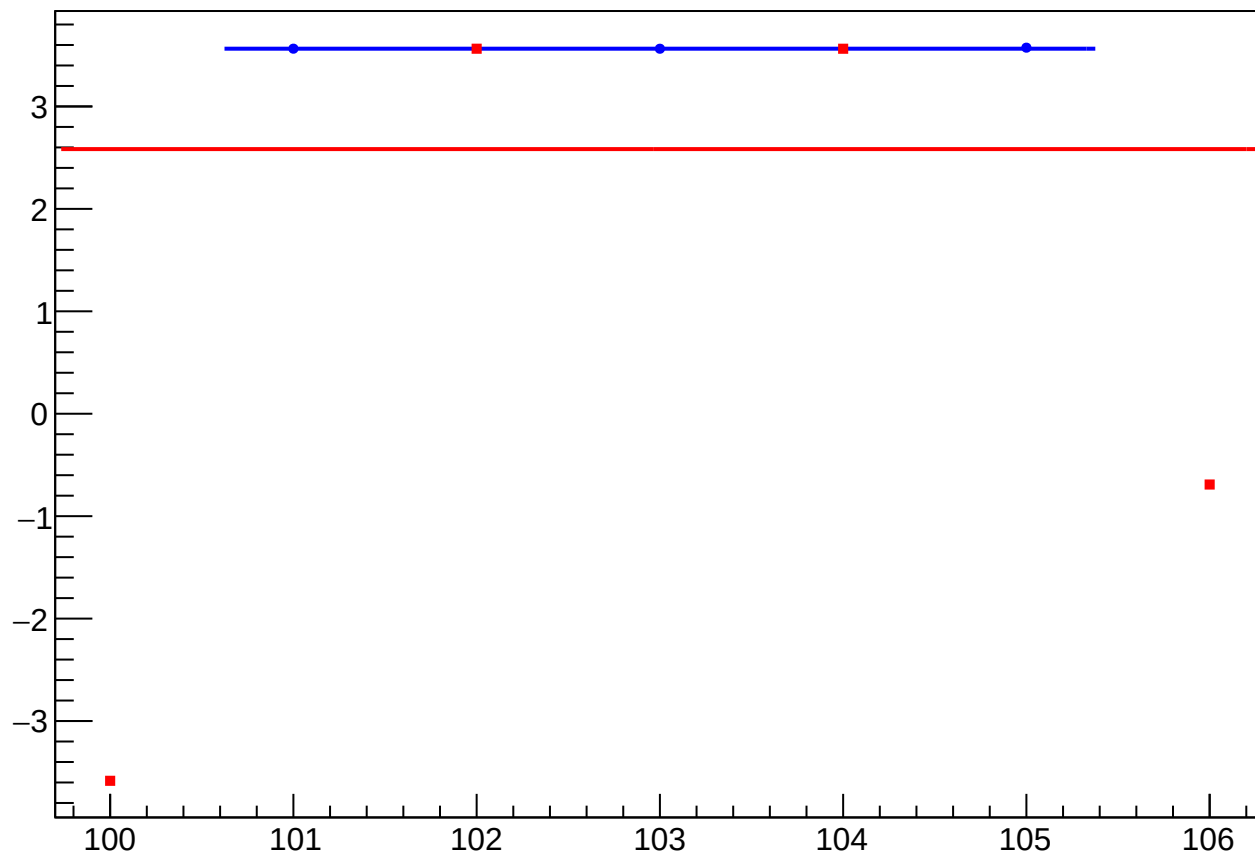
Right Out: 0.000+/-0.000 χ^2/NDF : 3368.9/3

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

0.000+/-0.000 χ^2/NDF : 3075.7/2

0.000+/-0.000 χ^2/NDF : 3368.9/3

yield_cav4bY_mean vs slug



Right In: 3.564+/-0.000 χ^2/NDF : 279810487.6/2

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

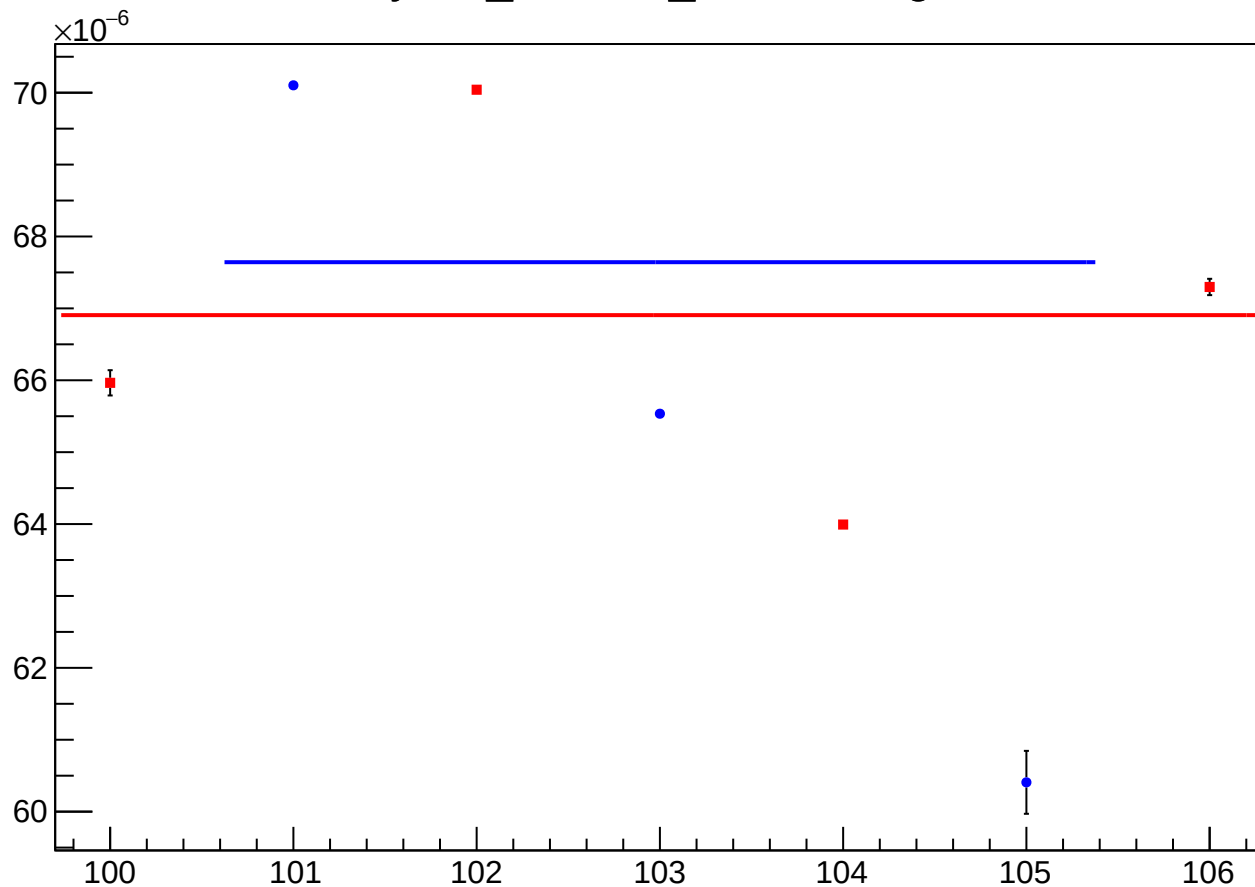
Right Out: 2.584+/-0.000 χ^2/NDF : 1253238108040107.0/3

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

3.564+/-0.000 χ^2/NDF : 279810487.6/2

2.584+/-0.000 χ^2/NDF : 1253238108040107.0/3

yield_cav4bY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 2881.9/2

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

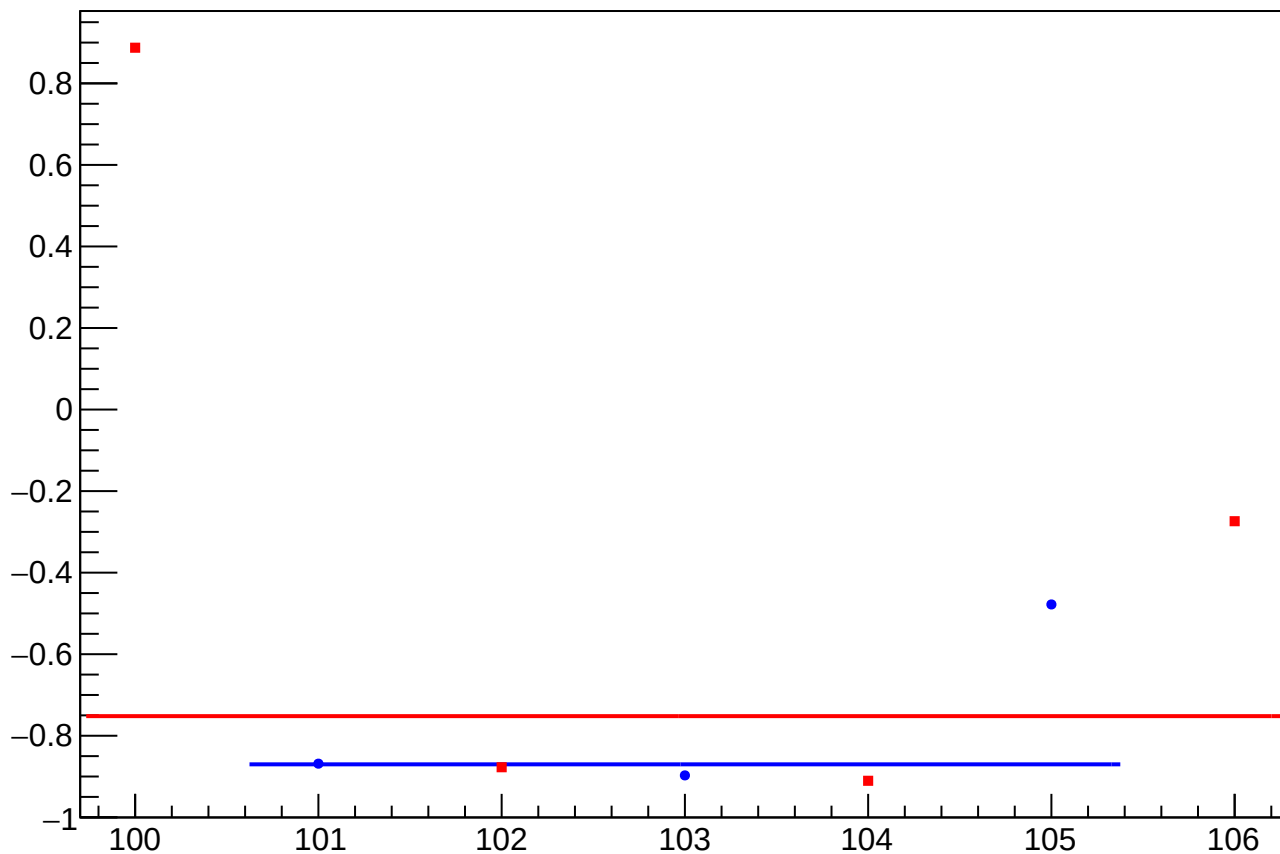
Right Out: 0.000+/-0.000 χ^2/NDF : 4268.1/3

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

0.000+/-0.000 χ^2/NDF : 2881.9/2

0.000+/-0.000 χ^2/NDF : 4268.1/3

yield_cav4cX_mean vs slug



Right In: -0.870+/-0.000 χ^2/NDF : 3062636.4/2

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

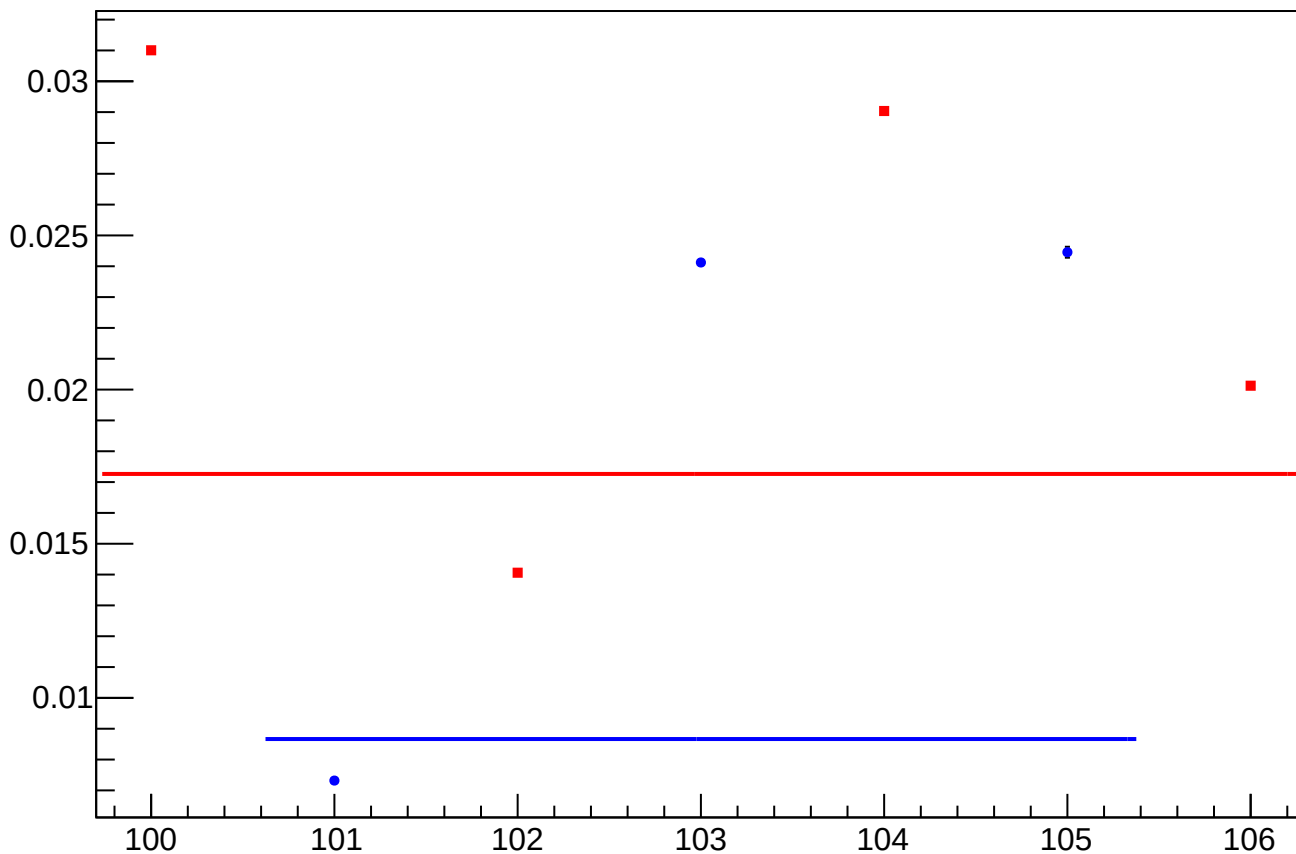
Right Out: -0.752+/-0.000 χ^2/NDF : 378951098.0/3

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

-0.870+/-0.000 χ^2/NDF : 3062636.4/2

-0.752+/-0.000 χ^2/NDF : 378951098.0/3

yield_cav4cX_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 424246.3/2

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

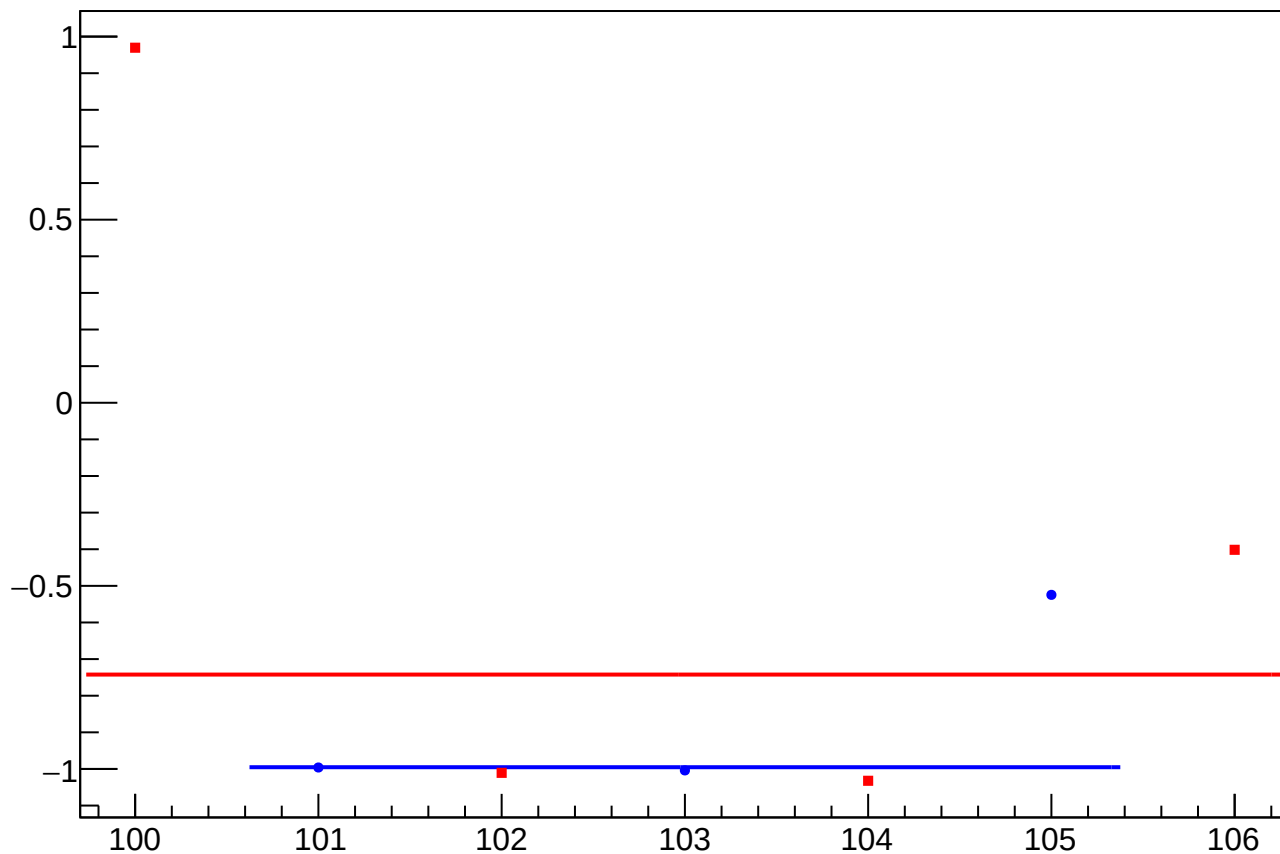
Right Out: 0.017+/-0.000 χ^2/NDF : 223546.0/3

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

0.009+/-0.000 χ^2/NDF : 424246.3/2

0.017+/-0.000 χ^2/NDF : 223546.0/3

yield_cav4cY_mean vs slug



Right In: -0.995+/-0.000 χ^2/NDF : 2419337.6/2

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

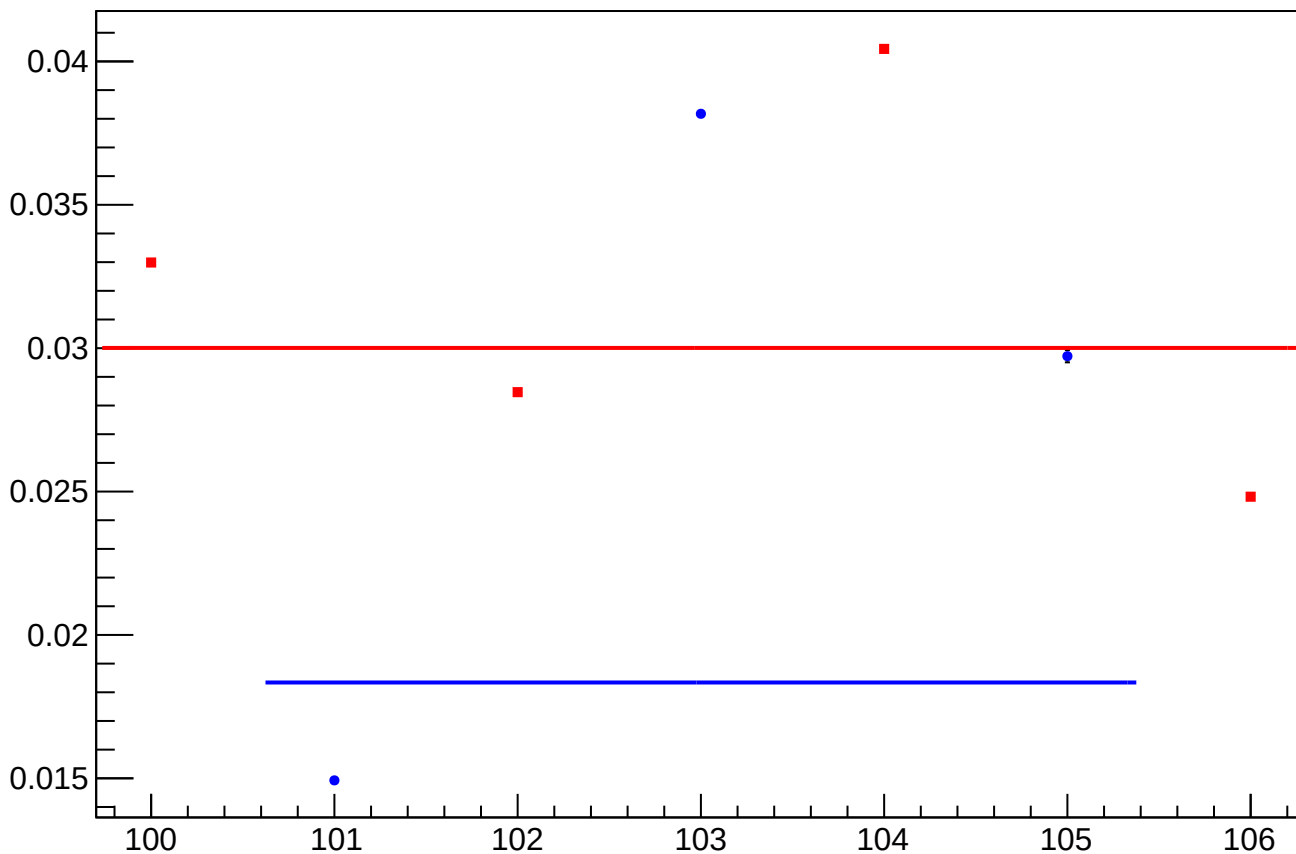
Right Out: -0.742+/-0.000 χ^2/NDF : 299433312.7/3

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

-0.995+/-0.000 χ^2/NDF : 2419337.6/2

-0.742+/-0.000 χ^2/NDF : 299433312.7/3

yield_cav4cY_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 354034.0/2

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

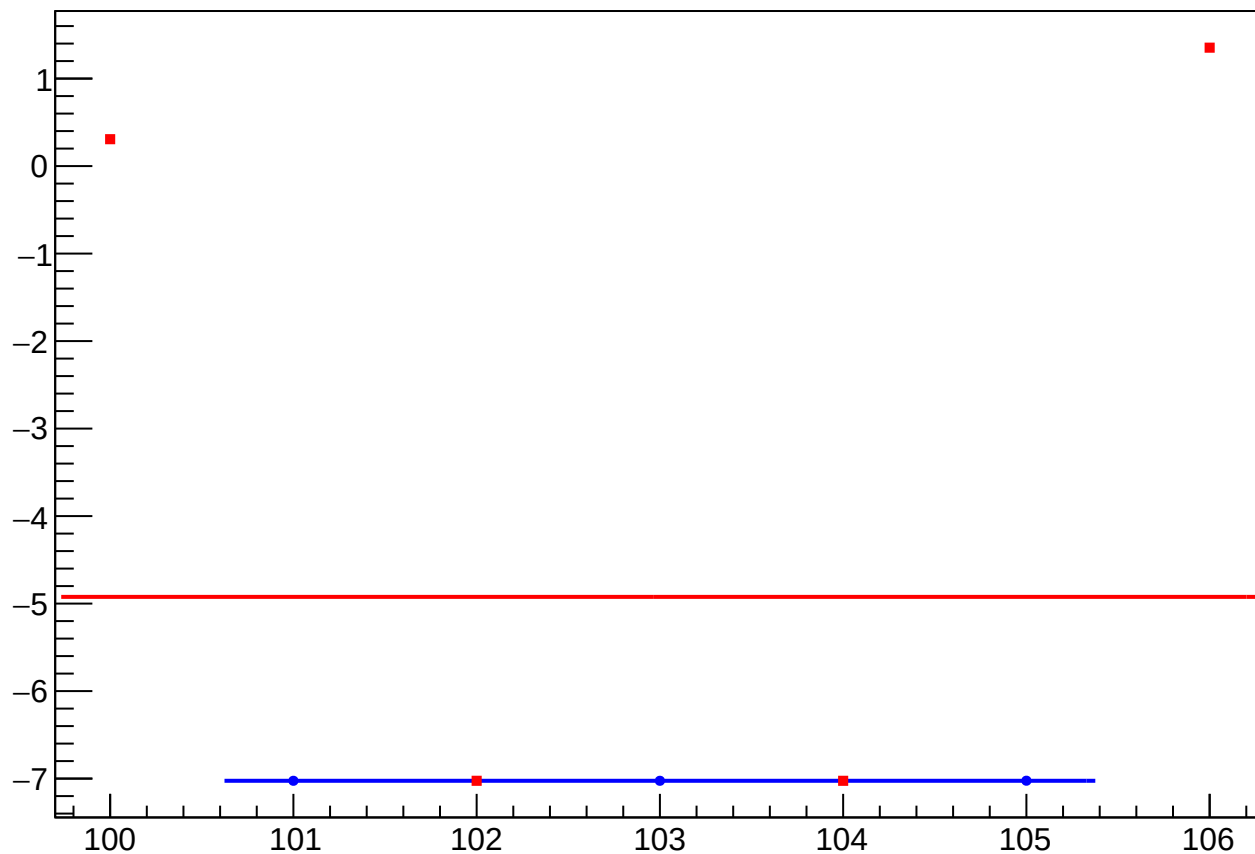
Right Out: 0.030+/-0.000 χ^2/NDF : 84720.8/3

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

0.018+/-0.000 χ^2/NDF : 354034.0/2

0.030+/-0.000 χ^2/NDF : 84720.8/3

yield_cav4dX_mean vs slug



Right In: -7.025+/-0.000 χ^2/NDF : 316998.7/2

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

Right Out: -4.923+/-0.000 χ^2/NDF : 364073680235785.1/3

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

-7.025+/-0.000 χ^2/NDF : 316998.7/2

-4.923+/-0.000 χ^2/NDF : 364073680235785.1/3

yield_cav4dX_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 316.9/2

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

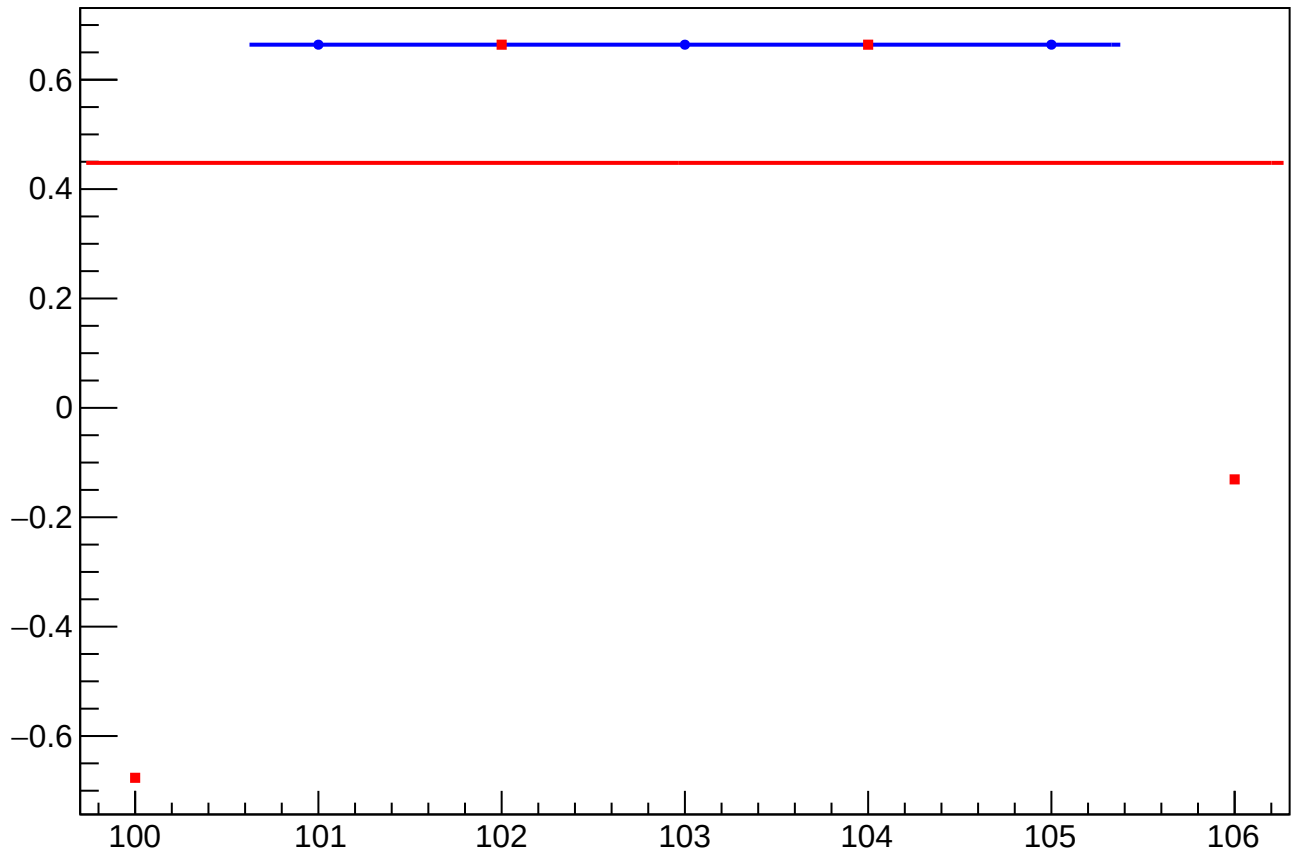
Right Out: 0.000+/-0.000 χ^2/NDF : 139501.0/3

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

0.000+/-0.000 χ^2/NDF : 316.9/2

0.000+/-0.000 χ^2/NDF : 139501.0/3

yield_cav4dY_mean vs slug



Right In: 0.664 $\pm$ 0.000 χ^2 /NDF: 173541.2/2

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

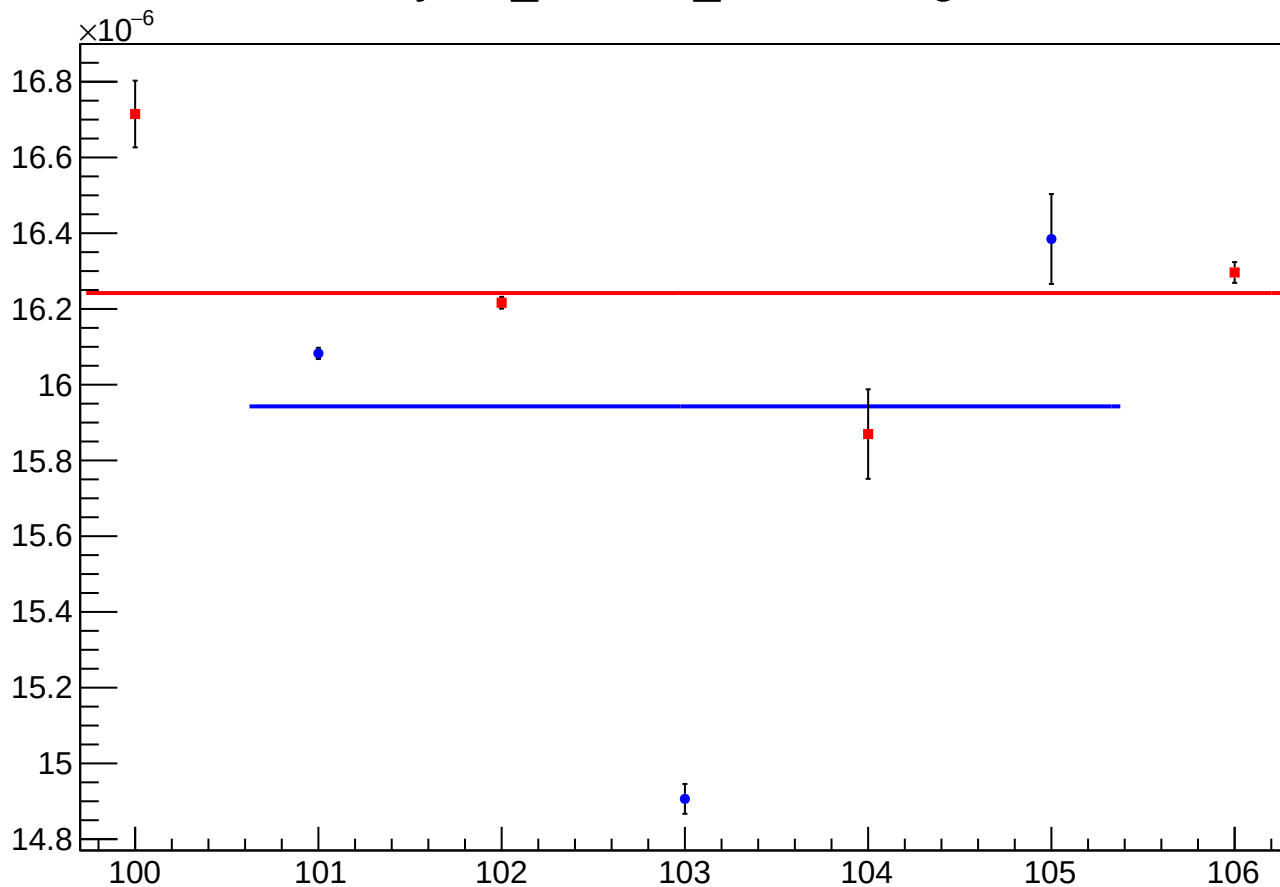
Right Out: 0.448 $\pm$ 0.000 χ^2 /NDF: 402865946727635.9/3

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

0.664 $\pm$ 0.000 χ^2 /NDF: 173541.2/2

0.448 $\pm$ 0.000 χ^2 /NDF: 402865946727635.9/3

yield_cav4dY_rms vs slug



Right In: 0.000+/-0.000 χ^2/NDF : 794.8/2

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

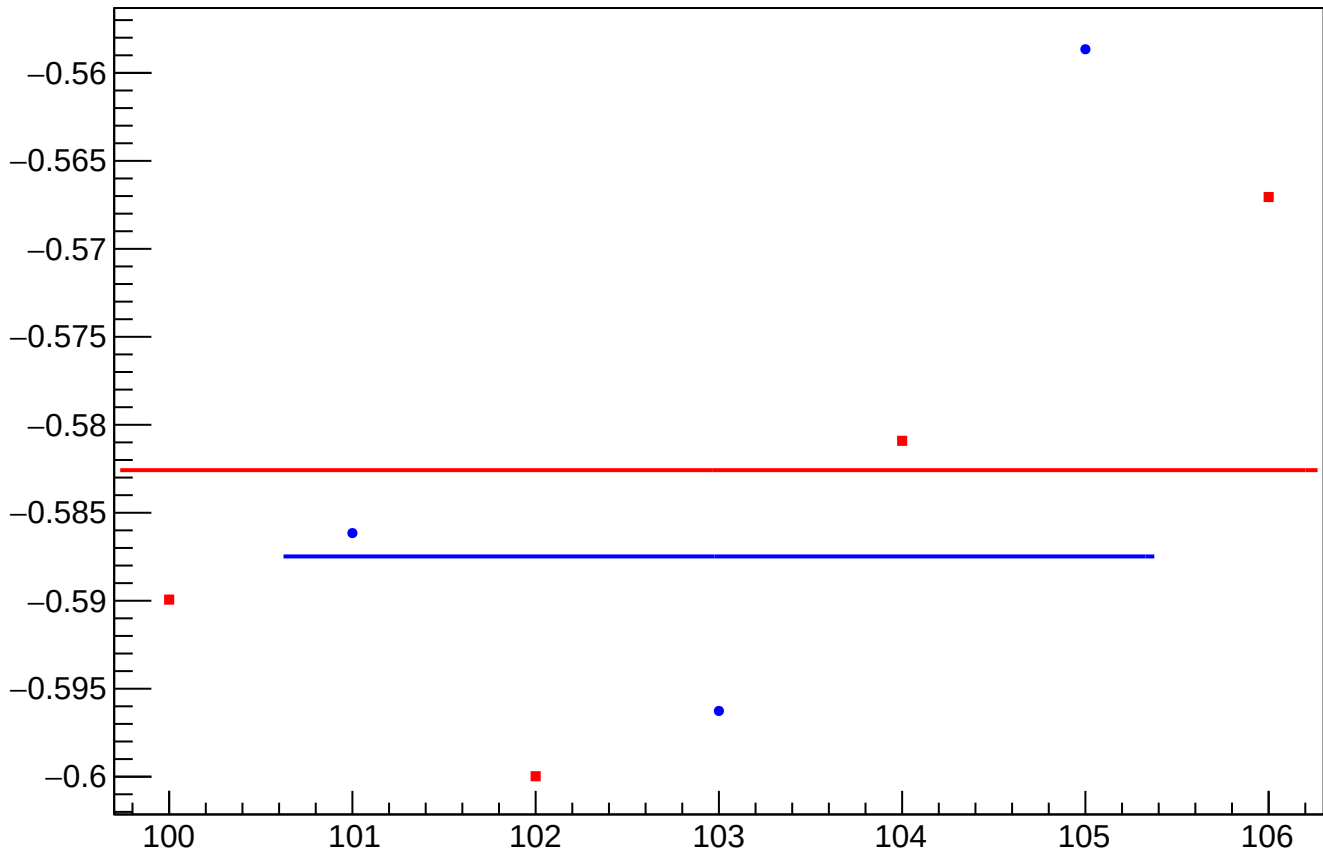
Right Out: 0.000+/-0.000 χ^2/NDF : 45.4/3

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

0.000+/-0.000 χ^2/NDF : 794.8/2

0.000+/-0.000 χ^2/NDF : 45.4/3

yield_bpm4aX_mean vs slug



Right In: -0.587+/-0.000 χ^2/NDF : 22124.0/2

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

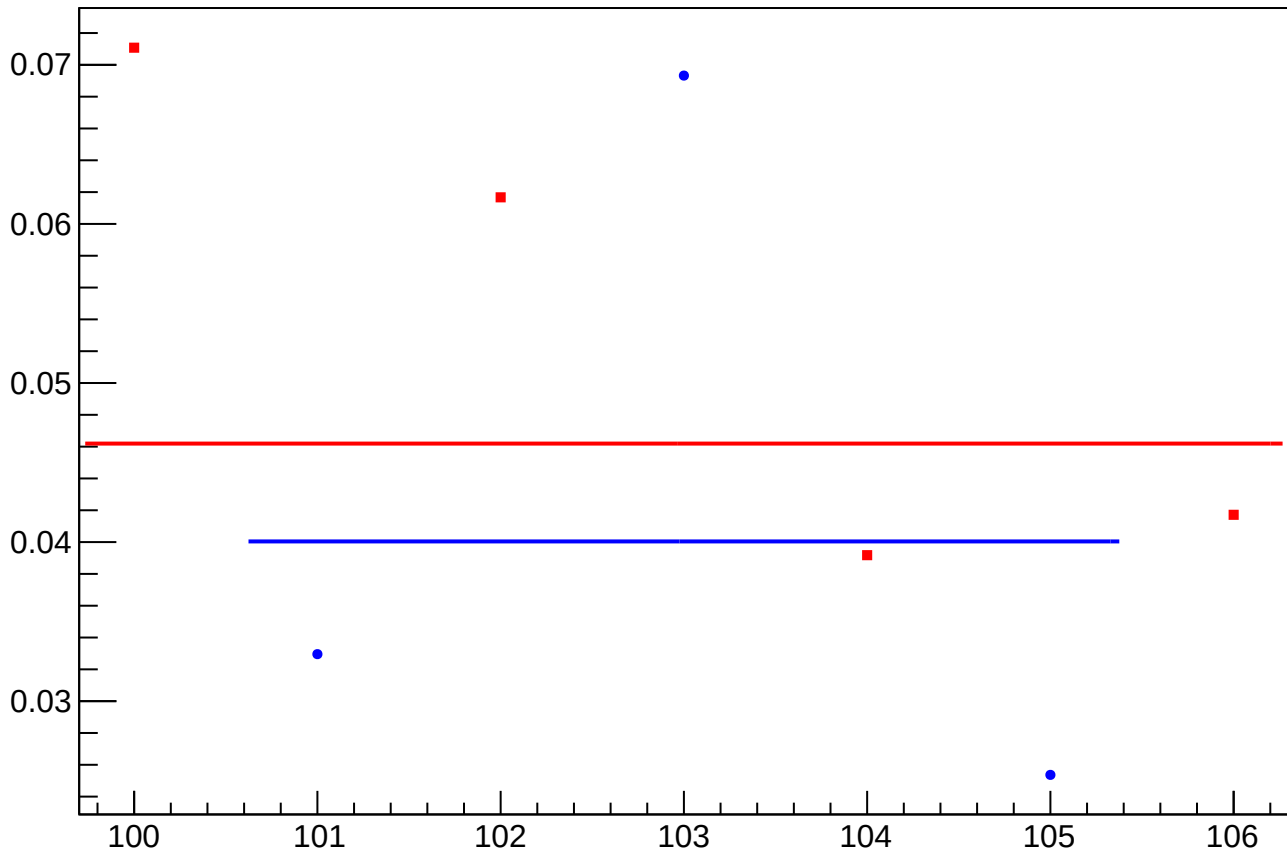
-0.587+/-0.000 χ^2/NDF : 22124.0/2

Right Out: -0.583+/-0.000 χ^2/NDF : 70672.7/3

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

-0.583+/-0.000 χ^2/NDF : 70672.7/3

yield_bpm4aX_rms vs slug



Right In: 0.040+/-0.000 χ^2/NDF : 252597.3/2

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

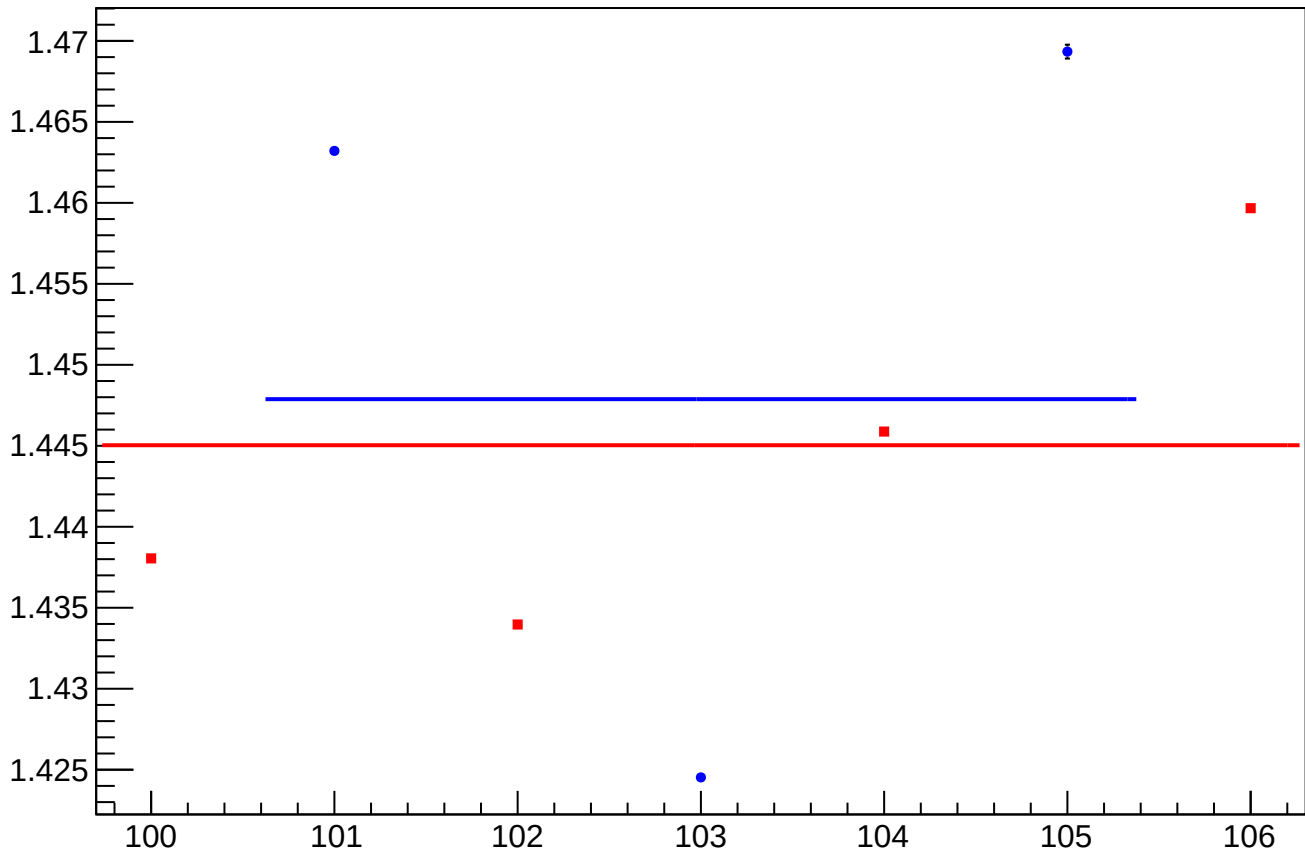
Right Out: 0.046+/-0.000 χ^2/NDF : 109466.6/3

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

0.040+/-0.000 χ^2/NDF : 252597.3/2

0.046+/-0.000 χ^2/NDF : 109466.6/3

yield_bpm4aY_mean vs slug



Right In: 1.448 $\pm$ 0.000 χ^2 /NDF: 1466978.2/2

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

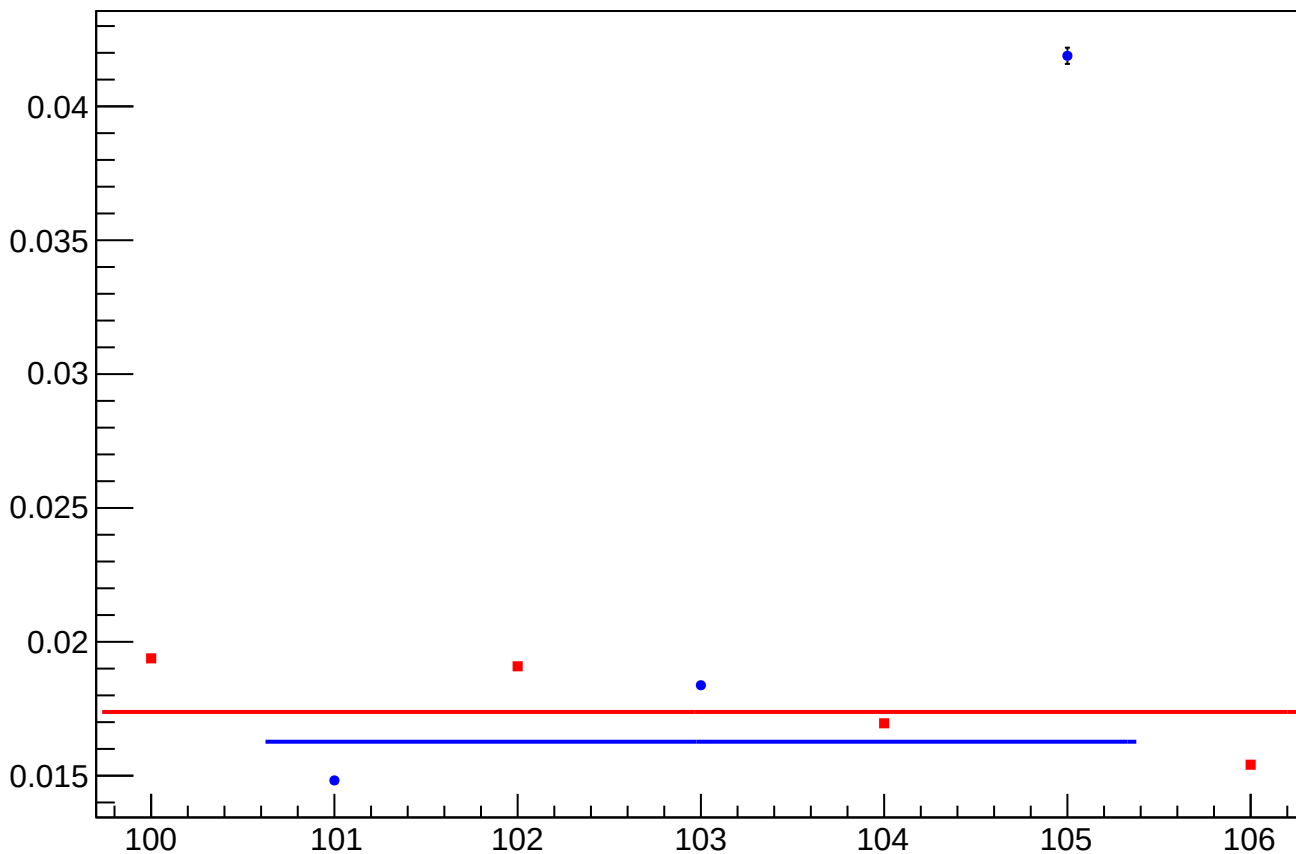
1.448 $\pm$ 0.000 χ^2 /NDF: 1466978.2/2

Right Out: 1.445 $\pm$ 0.000 χ^2 /NDF: 409101.9/3

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

1.445 $\pm$ 0.000 χ^2 /NDF: 409101.9/3

yield_bpm4aY_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 31868.1/2

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

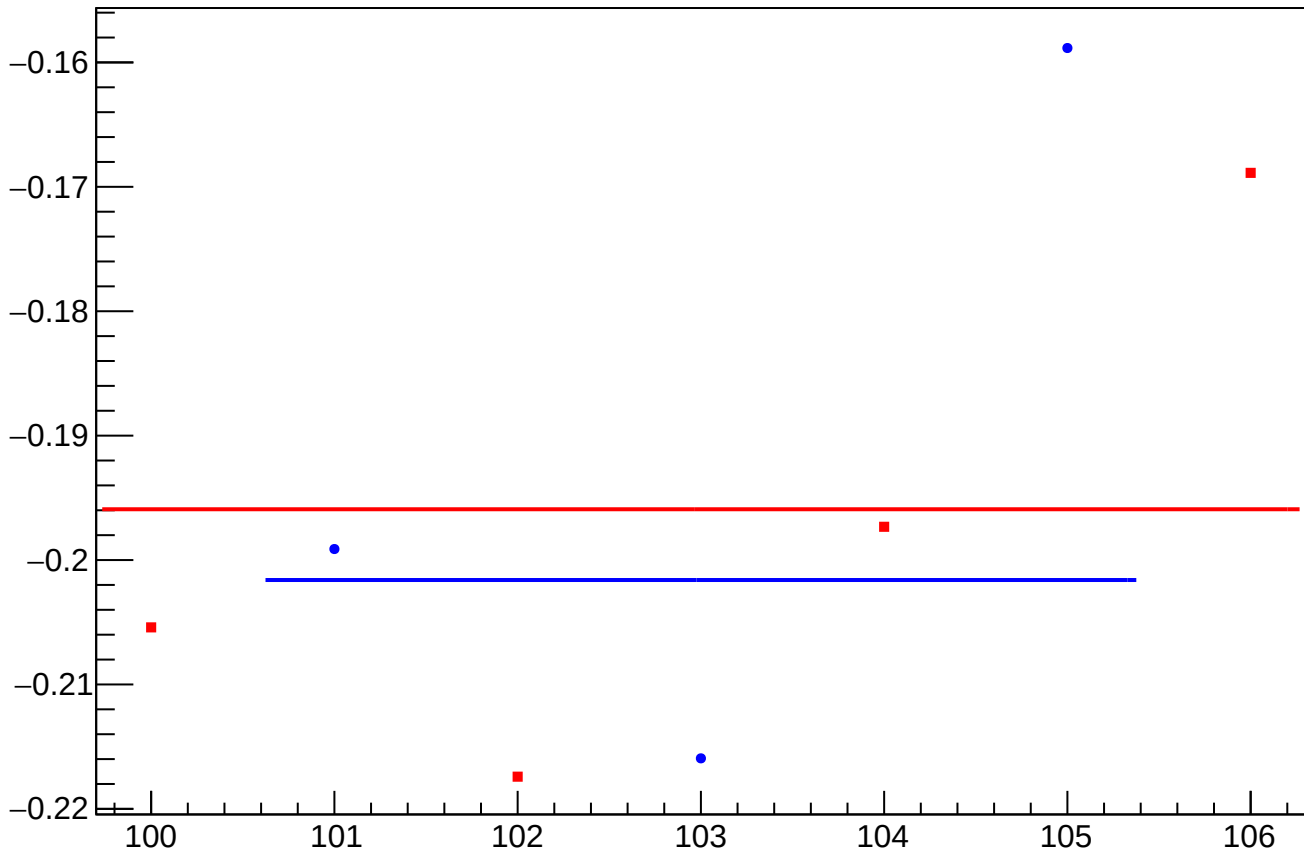
Right Out: 0.017+/-0.000 χ^2/NDF : 18447.7/3

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

0.016+/-0.000 χ^2/NDF : 31868.1/2

0.017+/-0.000 χ^2/NDF : 18447.7/3

yield_bpm4eX_mean vs slug



Right In: -0.202+/-0.000 χ^2/NDF : 50683.0/2

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

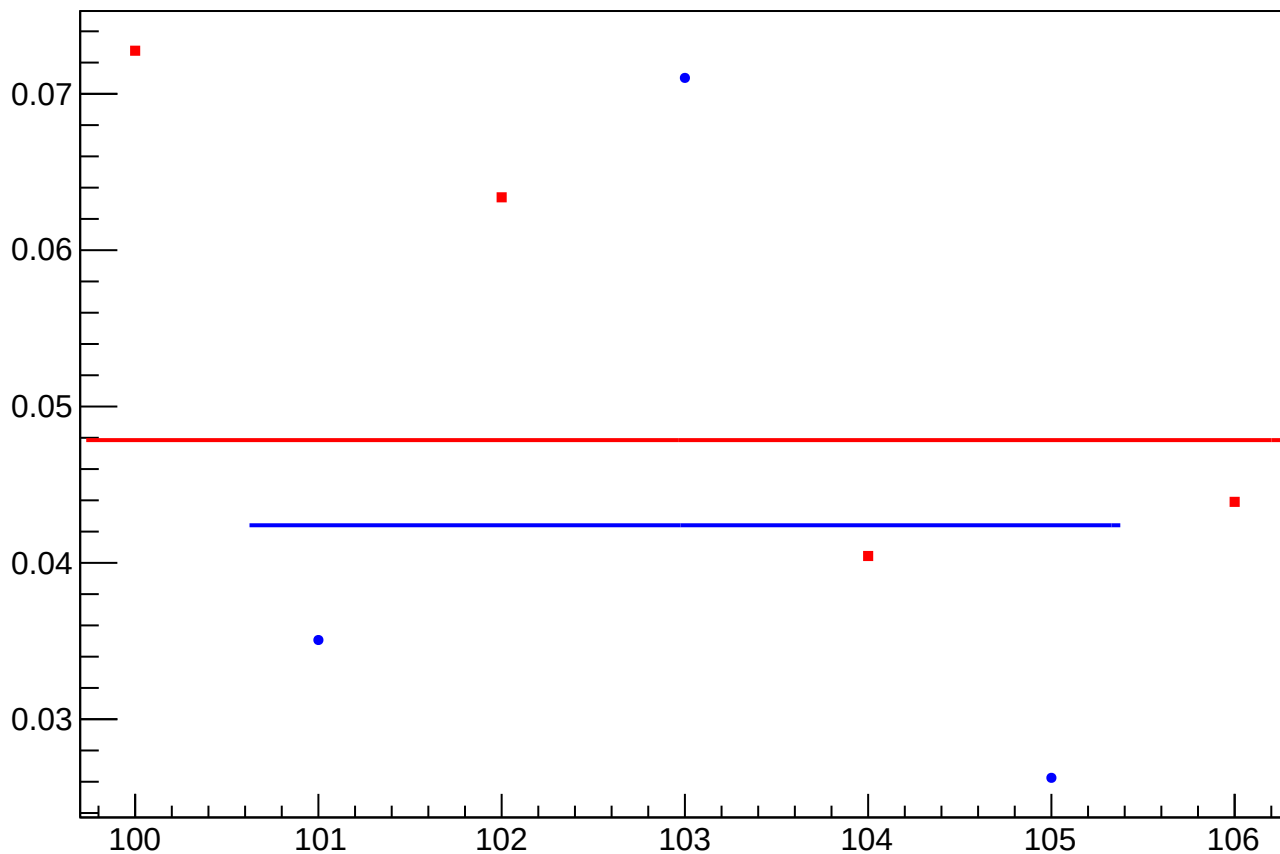
-0.202+/-0.000 χ^2/NDF : 50683.0/2

Right Out: -0.196+/-0.000 χ^2/NDF : 142393.4/3

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

-0.196+/-0.000 χ^2/NDF : 142393.4/3

yield_bpm4eX_rms vs slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 233262.1/2

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

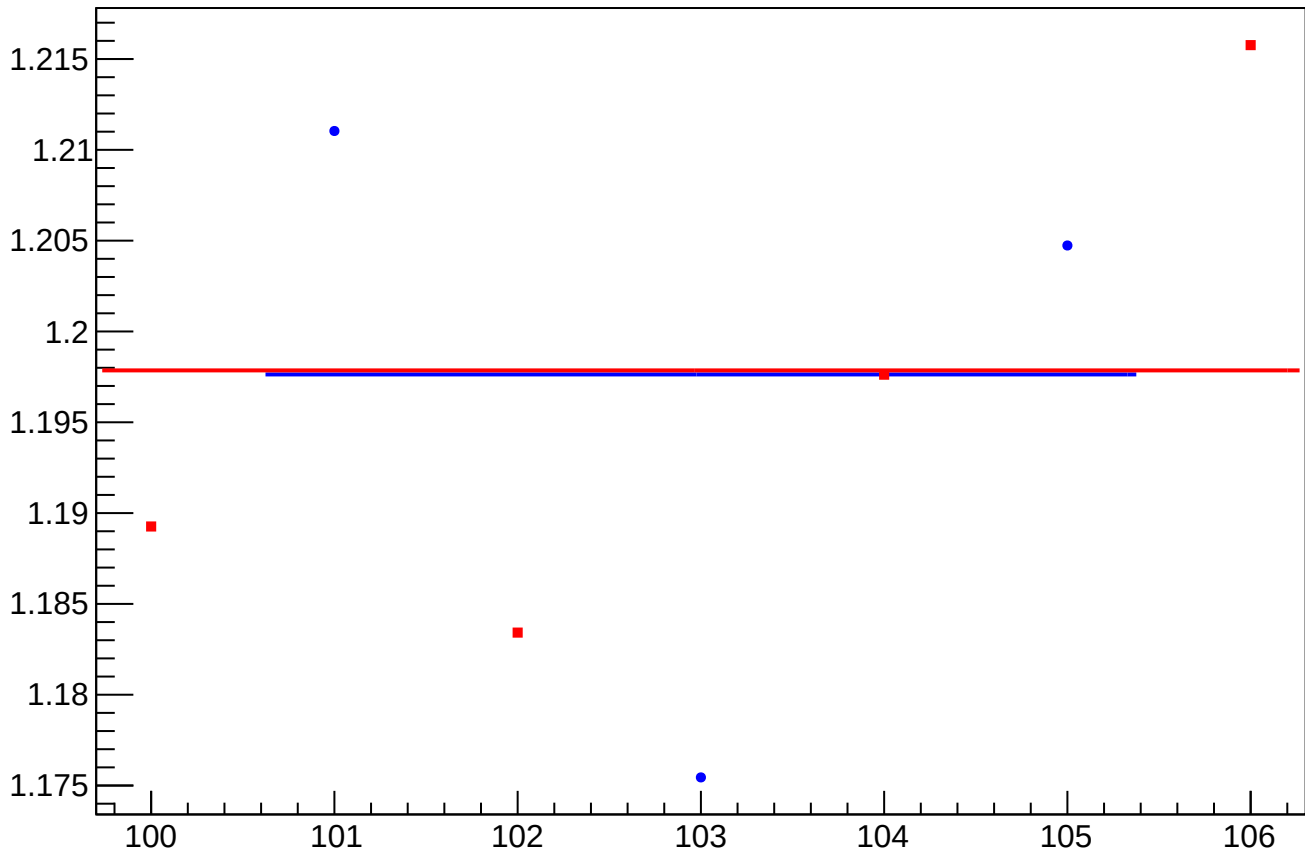
Right Out: 0.048 $\pm$ 0.000 χ^2 /NDF: 105650.4/3

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

0.042 $\pm$ 0.000 χ^2 /NDF: 233262.1/2

0.048 $\pm$ 0.000 χ^2 /NDF: 105650.4/3

yield_bpm4eY_mean vs slug



Right In: 1.198 $\pm$ 0.000 χ^2/NDF : 1694382.3/2

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

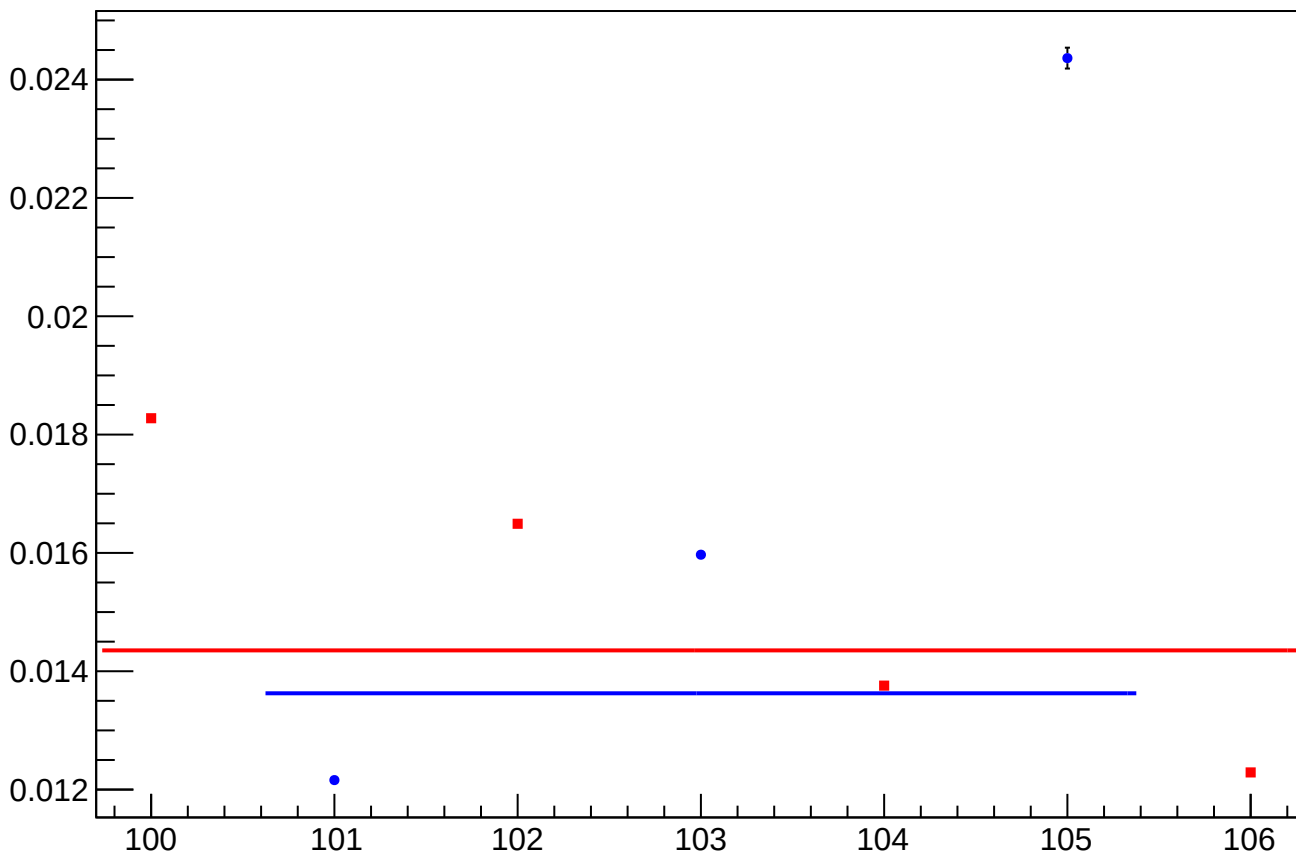
1.198 $\pm$ 0.000 χ^2/NDF : 1694382.3/2

Right Out: 1.198 $\pm$ 0.000 χ^2/NDF : 935005.4/3

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

1.198 $\pm$ 0.000 χ^2/NDF : 935005.4/3

yield_bpm4eY_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 42516.6/2

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

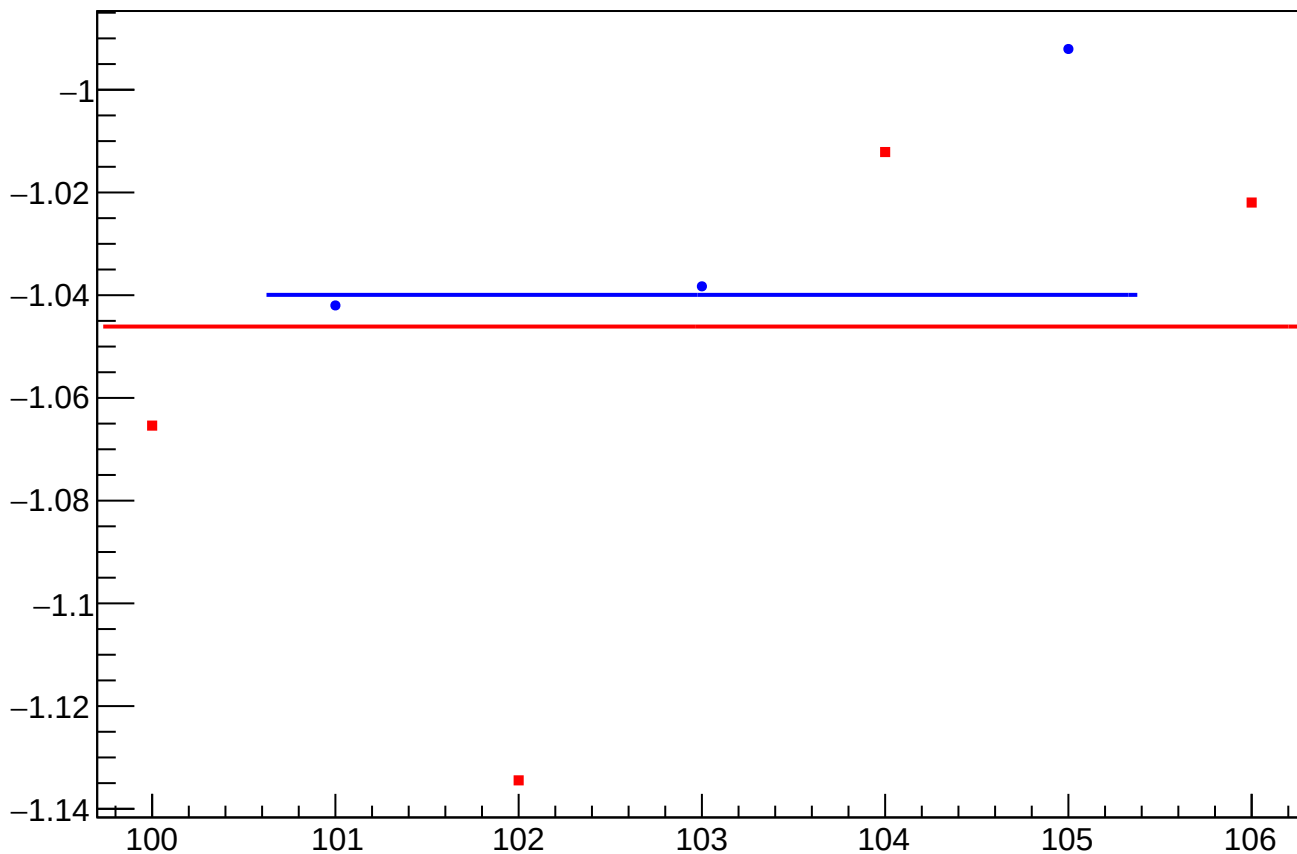
Right Out: 0.014+/-0.000 χ^2/NDF : 39183.4/3

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

0.014+/-0.000 χ^2/NDF : 42516.6/2

0.014+/-0.000 χ^2/NDF : 39183.4/3

yield_bpm4acX_mean vs slug



Right In: -1.040+/-0.000 χ^2/NDF : 37203.5/2

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

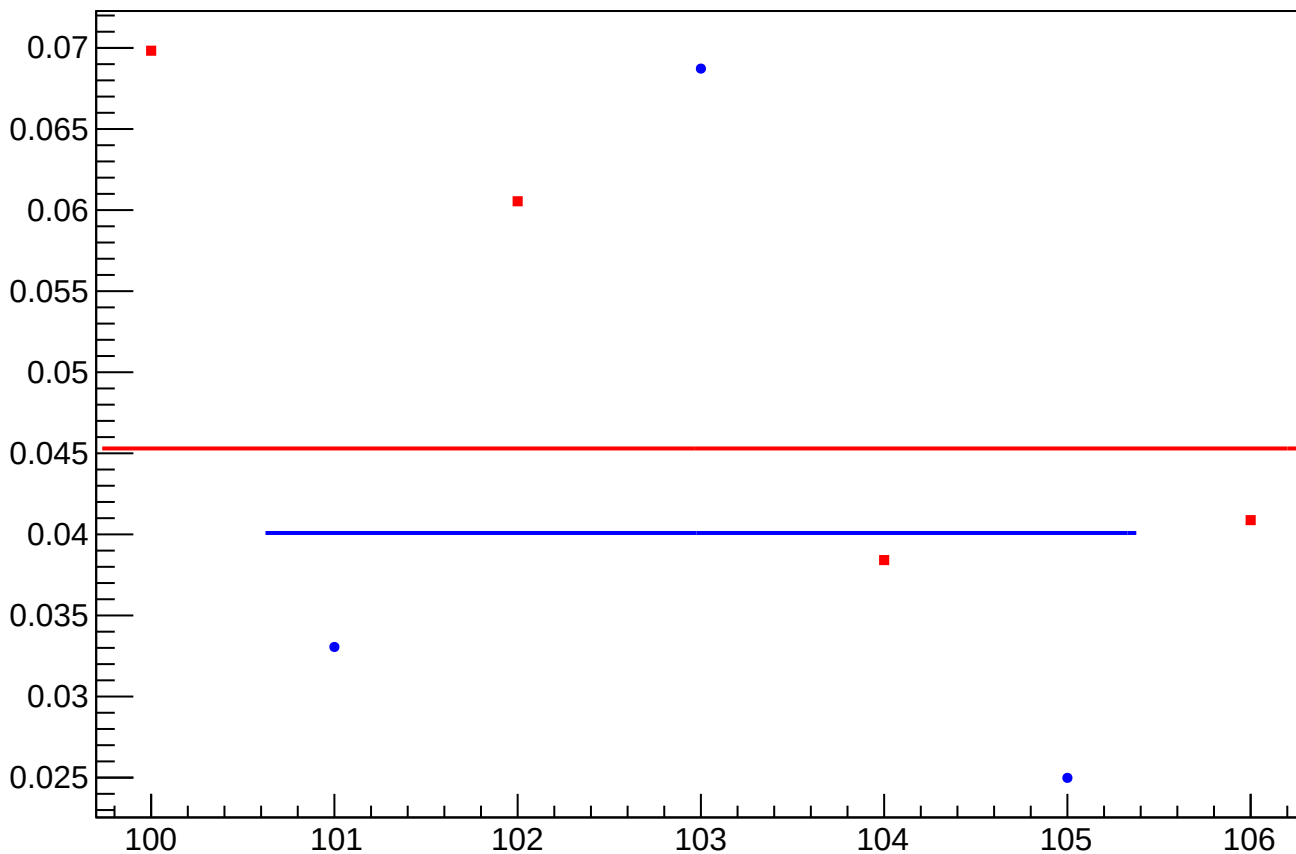
Right Out: -1.046+/-0.000 χ^2/NDF : 1437765.6/3

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

-1.040+/-0.000 χ^2/NDF : 37203.5/2

-1.046+/-0.000 χ^2/NDF : 1437765.6/3

yield_bpm4acX_rms vs slug



Right In: 0.040+/-0.000 χ^2/NDF : 246296.5/2

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

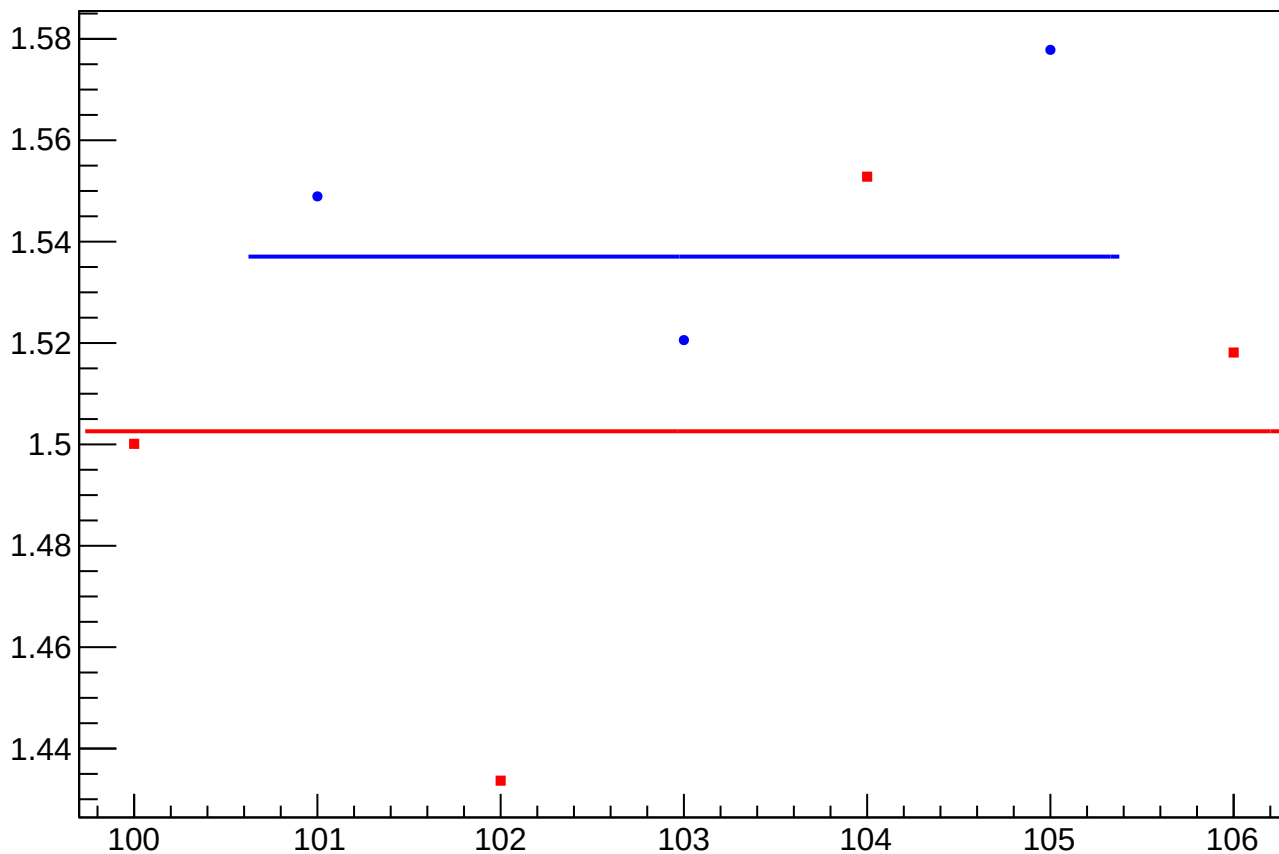
Right Out: 0.045+/-0.000 χ^2/NDF : 110043.6/3

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

0.040+/-0.000 χ^2/NDF : 246296.5/2

0.045+/-0.000 χ^2/NDF : 110043.6/3

yield_bpm4acY_mean vs slug



Right In: 1.537 $\pm$ 0.000 χ^2 /NDF: 717138.6/2

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

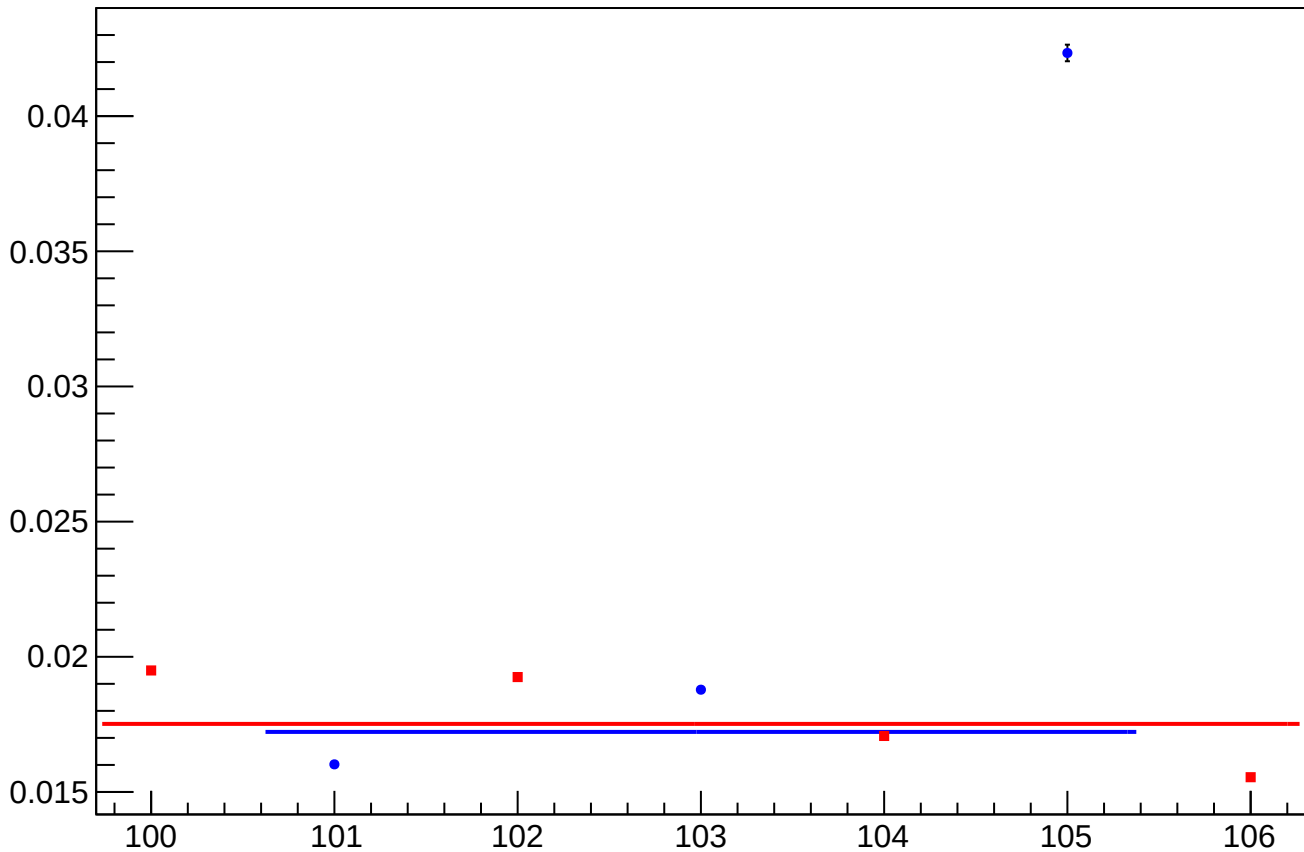
Right Out: 1.503 $\pm$ 0.000 χ^2 /NDF: 10827548.5/3

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

1.537 $\pm$ 0.000 χ^2 /NDF: 717138.6/2

1.503 $\pm$ 0.000 χ^2 /NDF: 10827548.5/3

yield_bpm4acY_rms vs slug



Right In: 0.017+/-0.000 χ^2/NDF : 20152.2/2

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

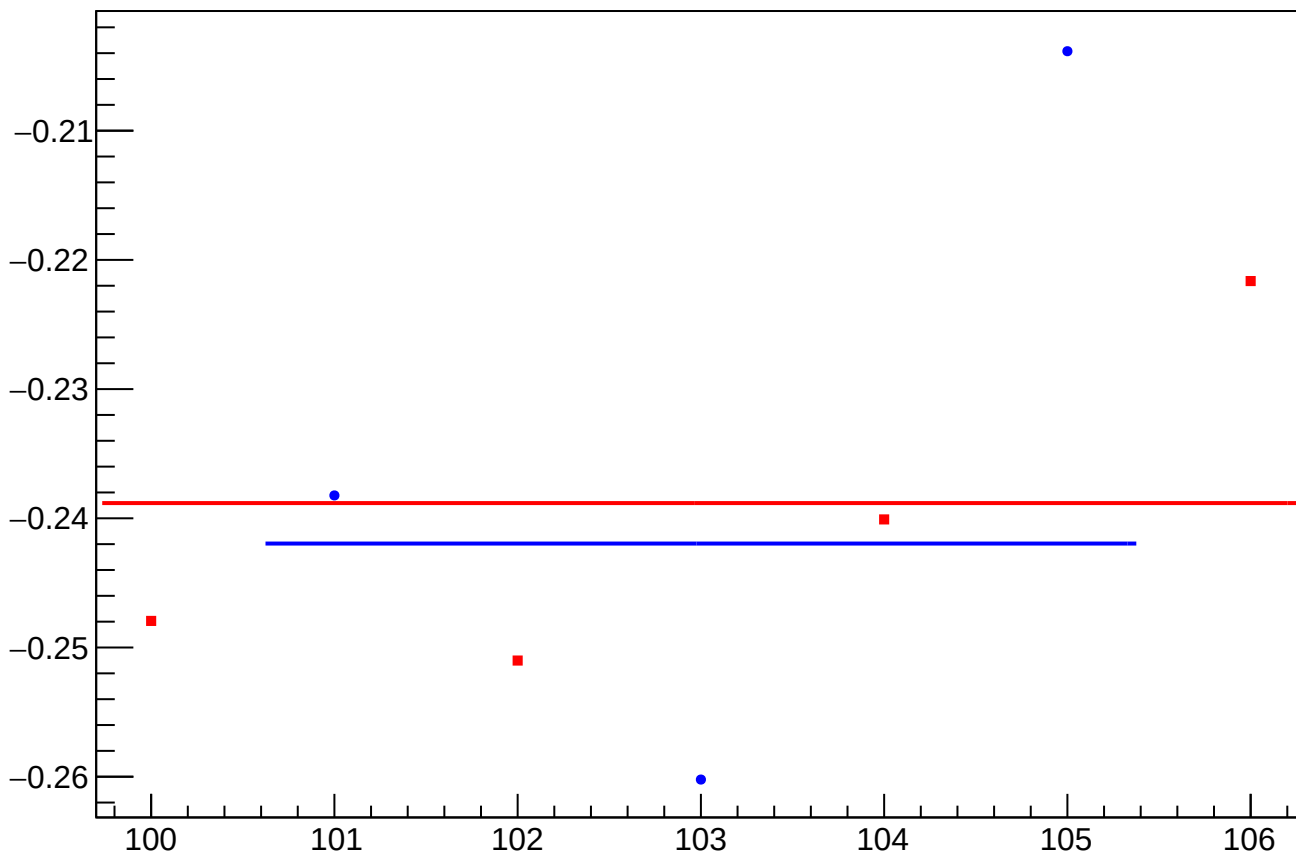
Right Out: 0.018+/-0.000 χ^2/NDF : 18437.7/3

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

0.017+/-0.000 χ^2/NDF : 20152.2/2

0.018+/-0.000 χ^2/NDF : 18437.7/3

yield_bpm4ecX_mean vs slug



Right In: -0.242+/-0.000 χ^2/NDF : 61133.5/2

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

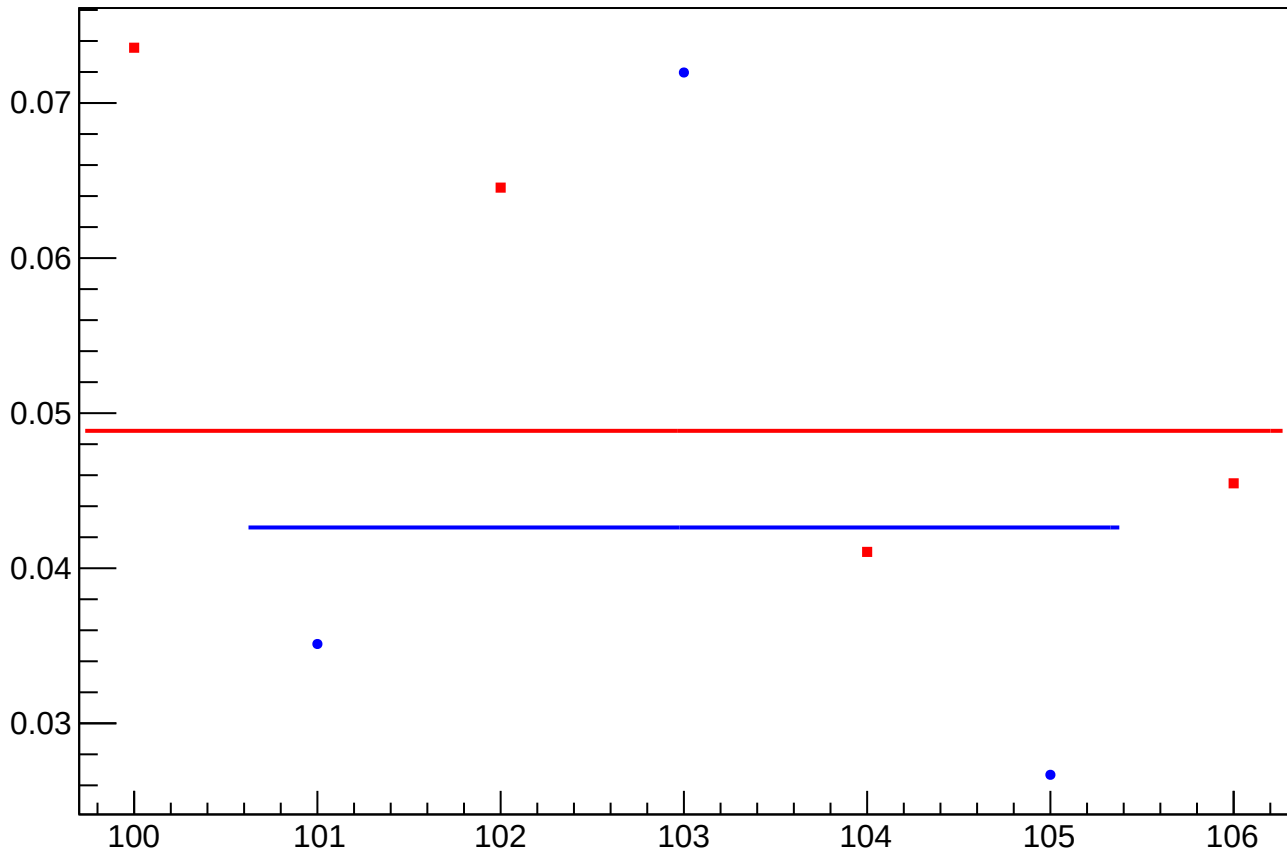
Right Out: -0.239+/-0.000 χ^2/NDF : 51136.6/3

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

-0.242+/-0.000 χ^2/NDF : 61133.5/2

-0.239+/-0.000 χ^2/NDF : 51136.6/3

yield_bpm4ecX_rms vs slug



Right In: 0.043+/-0.000 χ^2/NDF : 238327.0/2

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

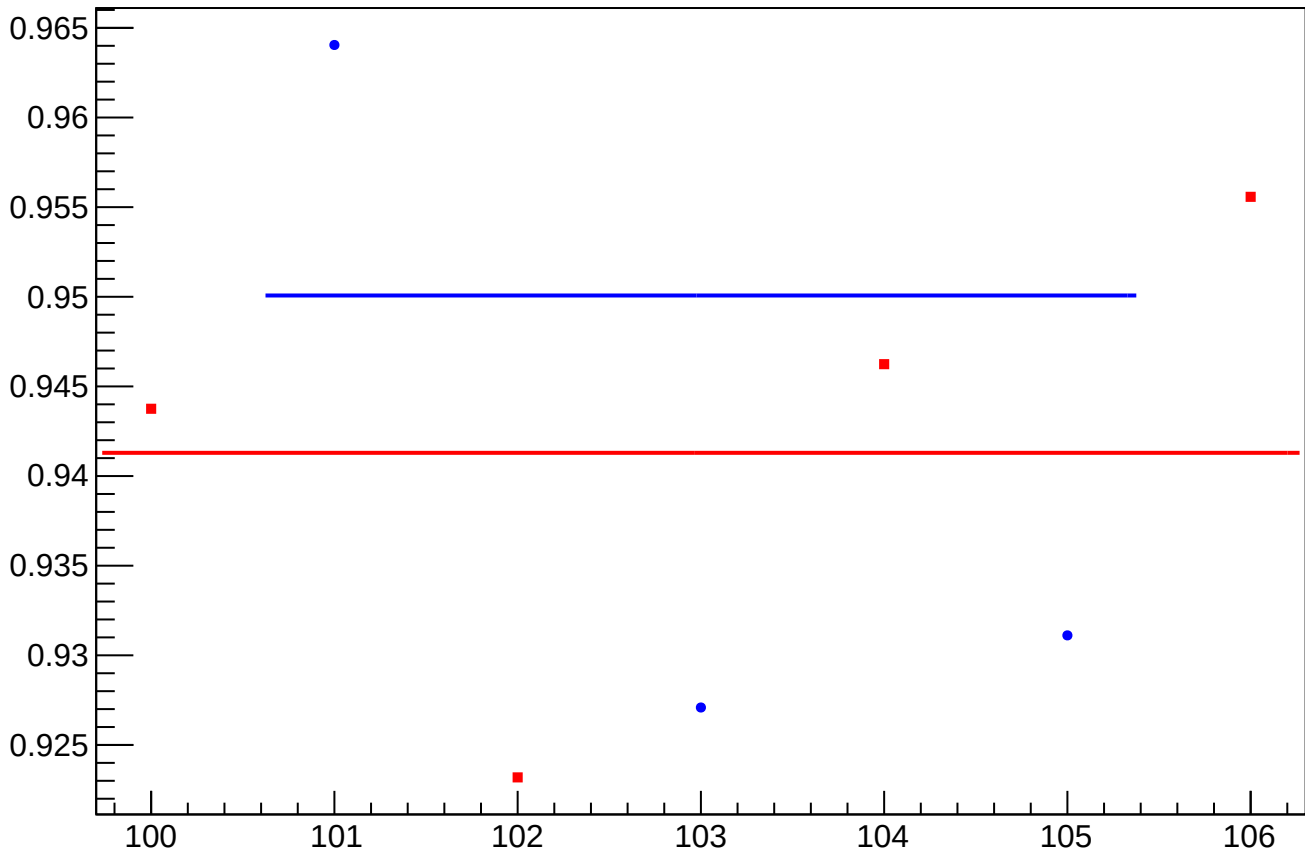
Right Out: 0.049+/-0.000 χ^2/NDF : 105223.4/3

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

0.043+/-0.000 χ^2/NDF : 238327.0/2

0.049+/-0.000 χ^2/NDF : 105223.4/3

yield_bpm4ecY_mean vs slug



Right In: 0.950+/-0.000 χ^2/NDF : 1793826.4/2

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

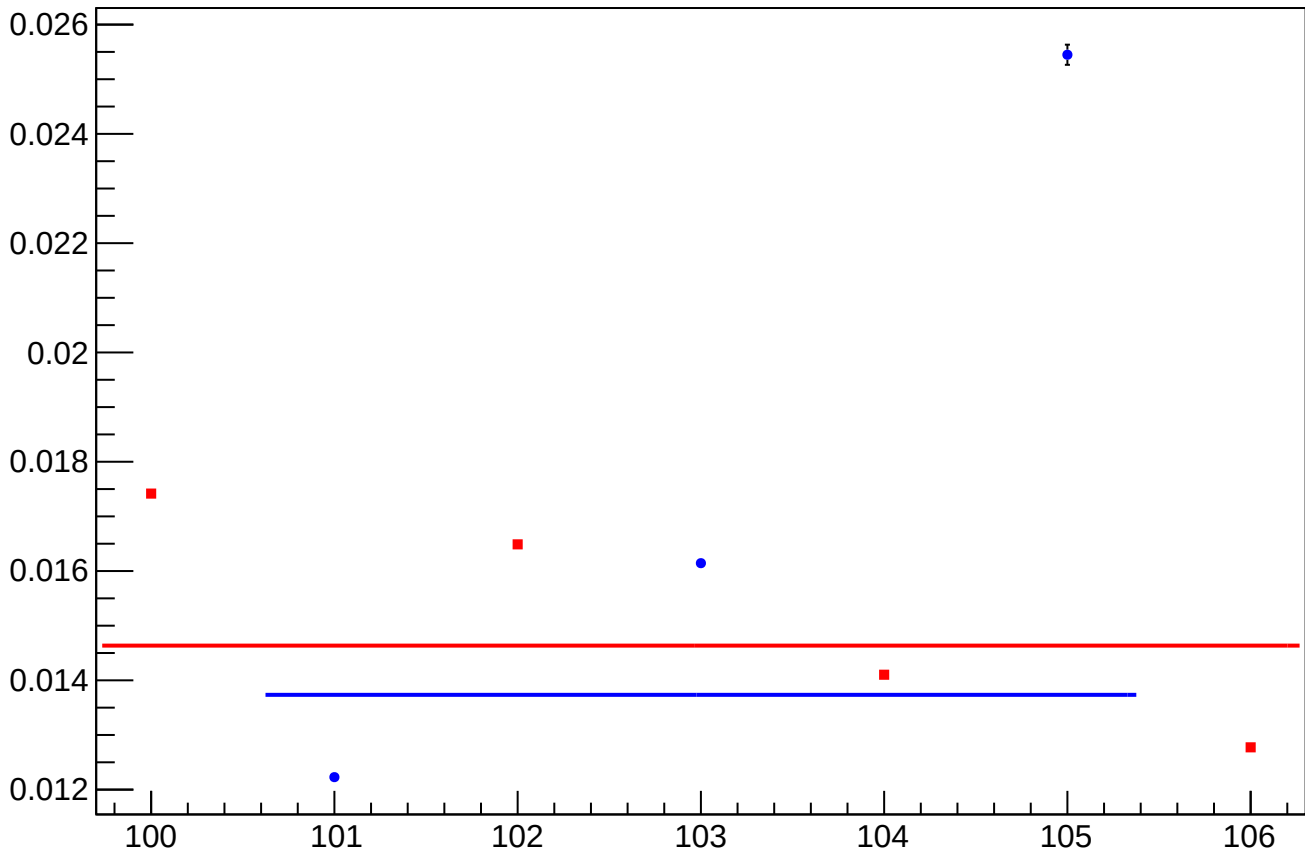
Right Out: 0.941+/-0.000 χ^2/NDF : 989976.6/3

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

0.950+/-0.000 χ^2/NDF : 1793826.4/2

0.941+/-0.000 χ^2/NDF : 989976.6/3

yield_bpm4ecY_rms vs slug



Right In: 0.014+/-0.000 χ^2/NDF : 44201.5/2

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

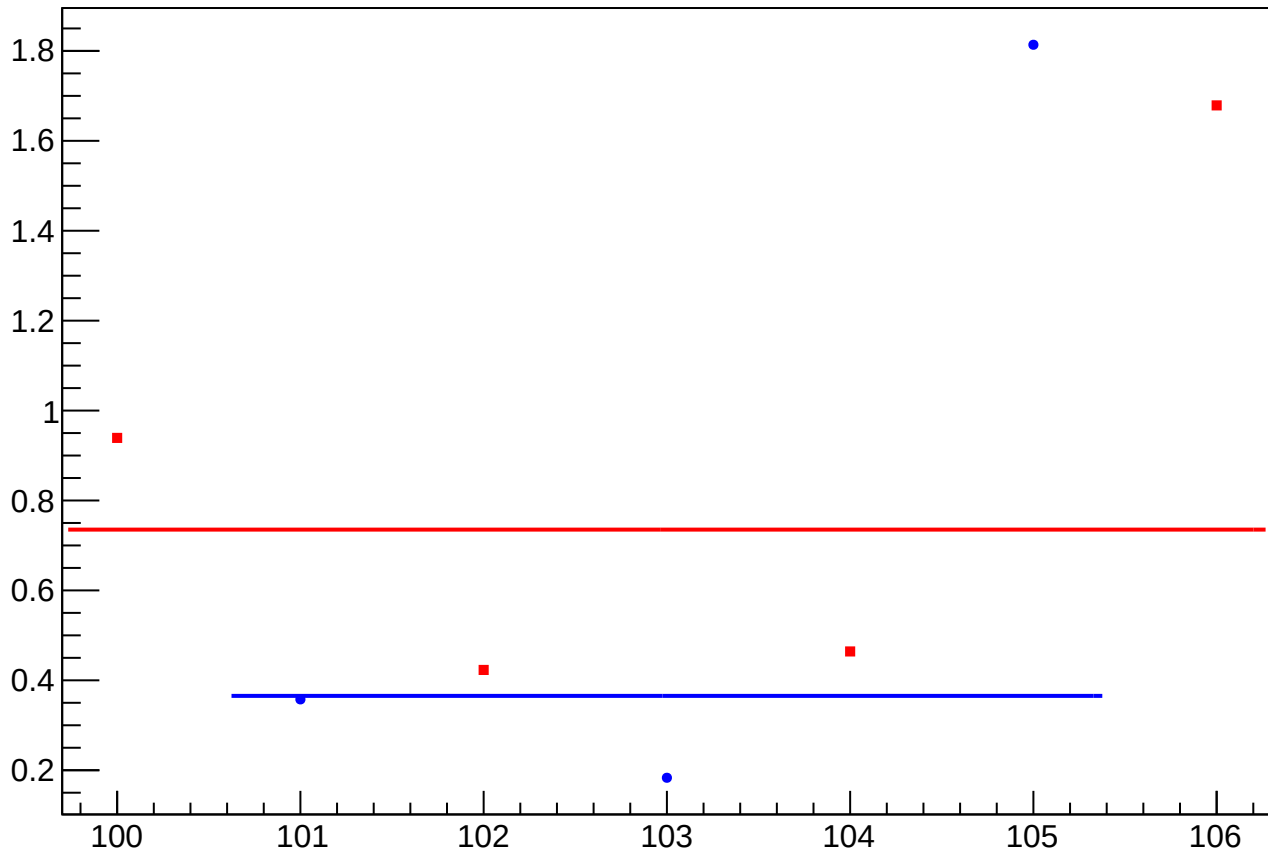
Right Out: 0.015+/-0.000 χ^2/NDF : 28450.1/3

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

0.014+/-0.000 χ^2/NDF : 44201.5/2

0.015+/-0.000 χ^2/NDF : 28450.1/3

yield_bpm1X_mean vs slug



Right In: 0.365+/-0.000 χ^2/NDF : 55970838.4/2

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

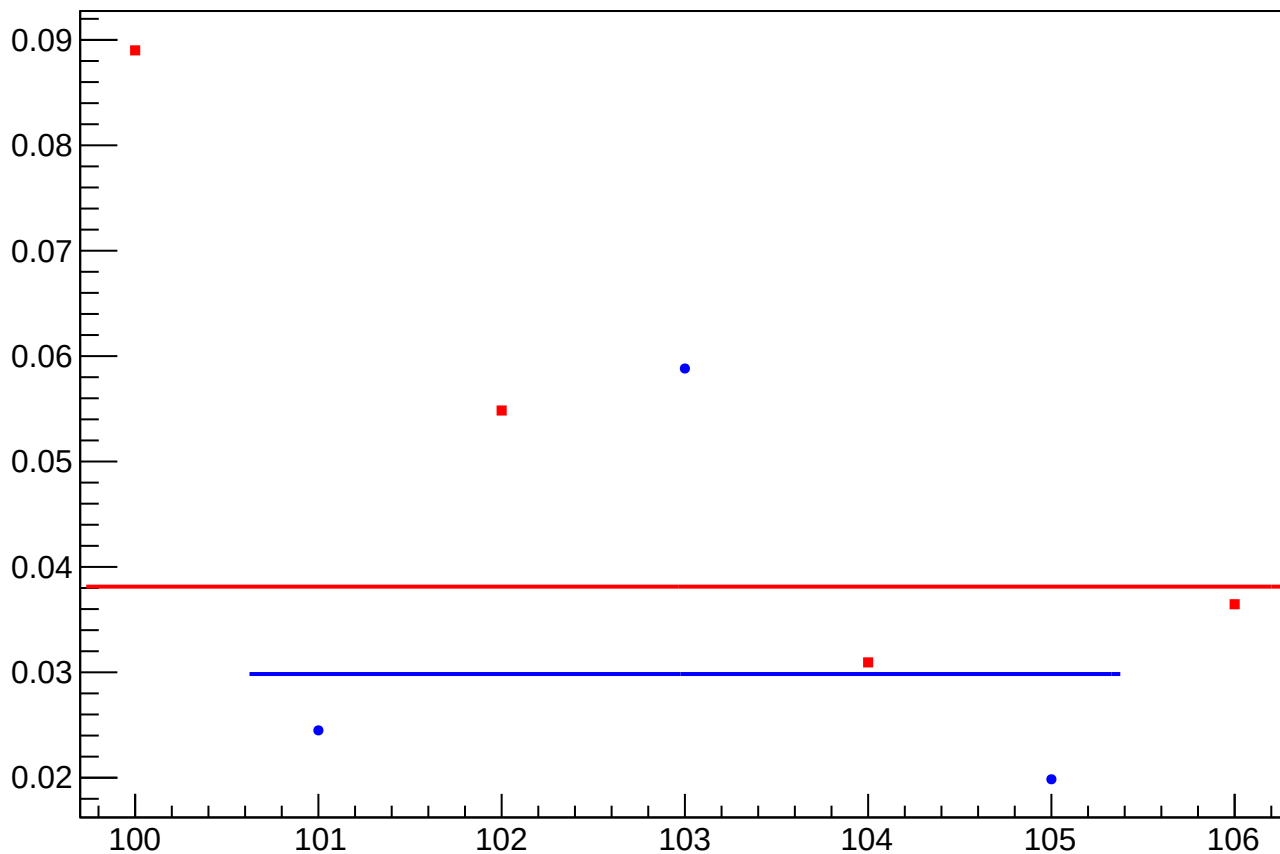
Right Out: 0.735+/-0.000 χ^2/NDF : 193597559.9/3

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

0.365+/-0.000 χ^2/NDF : 55970838.4/2

0.735+/-0.000 χ^2/NDF : 193597559.9/3

yield_bpm1X_rms vs slug



Right In: 0.030+/-0.000 χ^2/NDF : 315668.5/2

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

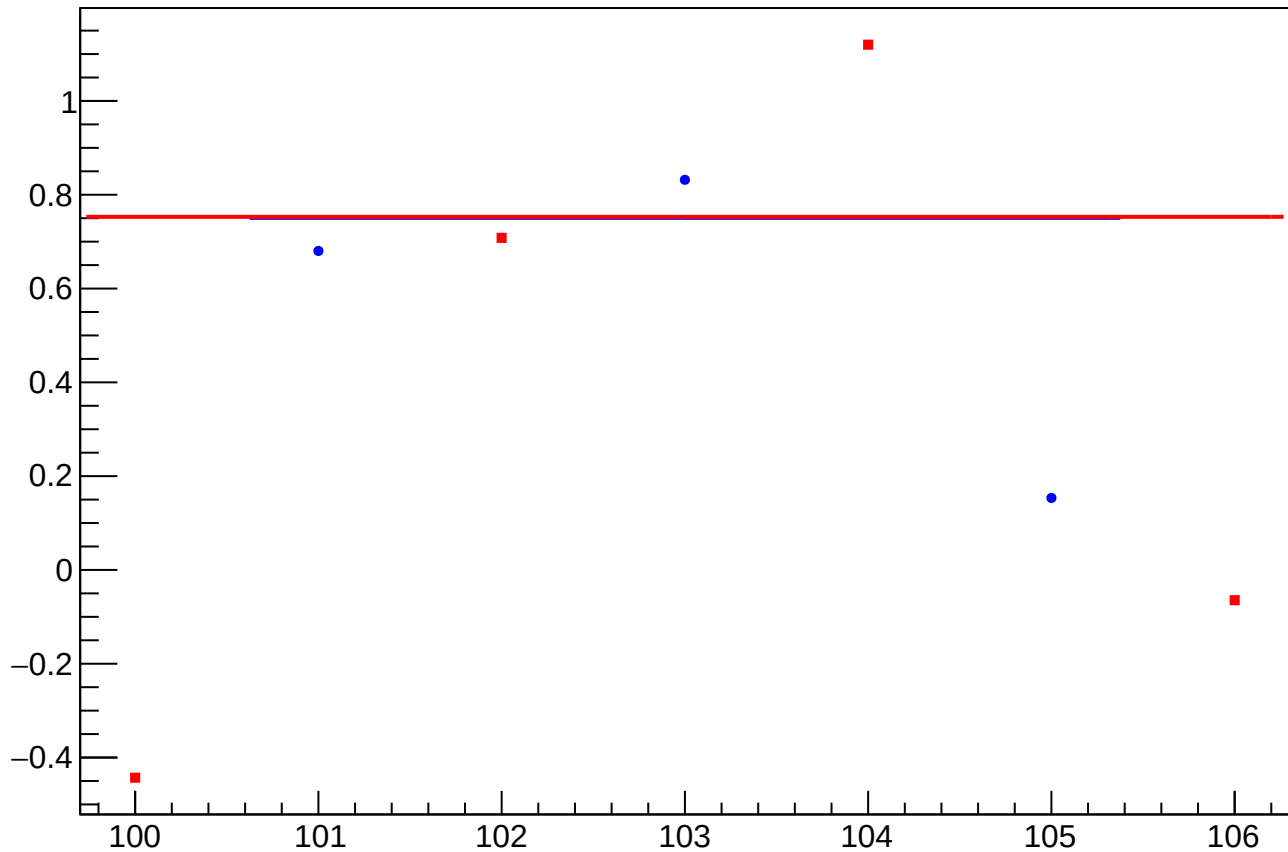
Right Out: 0.038+/-0.000 χ^2/NDF : 173154.1/3

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

0.030+/-0.000 χ^2/NDF : 315668.5/2

0.038+/-0.000 χ^2/NDF : 173154.1/3

yield_bpm1Y_mean vs slug



Right In: 0.751+/-0.000 χ^2/NDF : 15119123.8/2

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

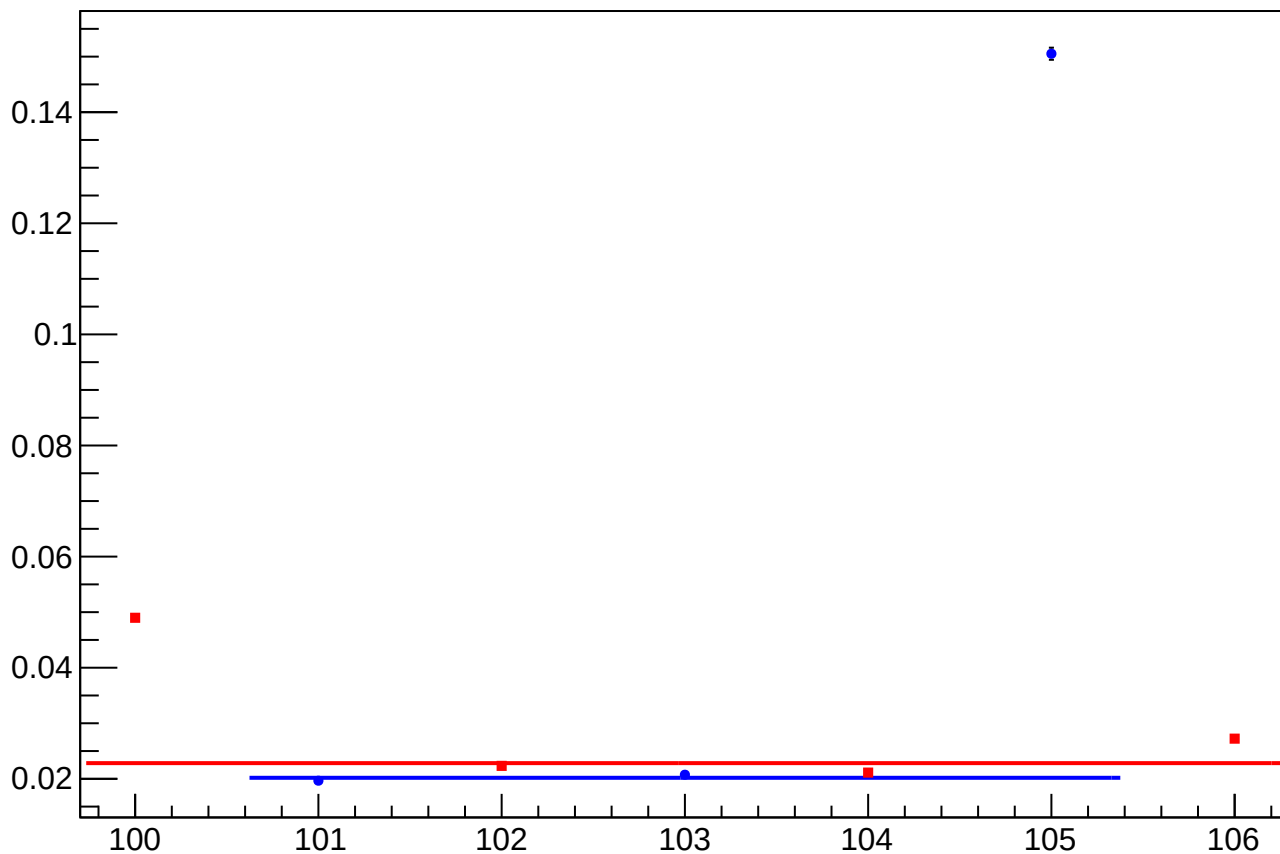
Right Out: 0.753+/-0.000 χ^2/NDF : 416401707.0/3

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

0.751+/-0.000 χ^2/NDF : 15119123.8/2

0.753+/-0.000 χ^2/NDF : 416401707.0/3

yield_bpm1Y_rms vs slug



Right In: 0.020+/-0.000 χ^2/NDF : 15792.9/2

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

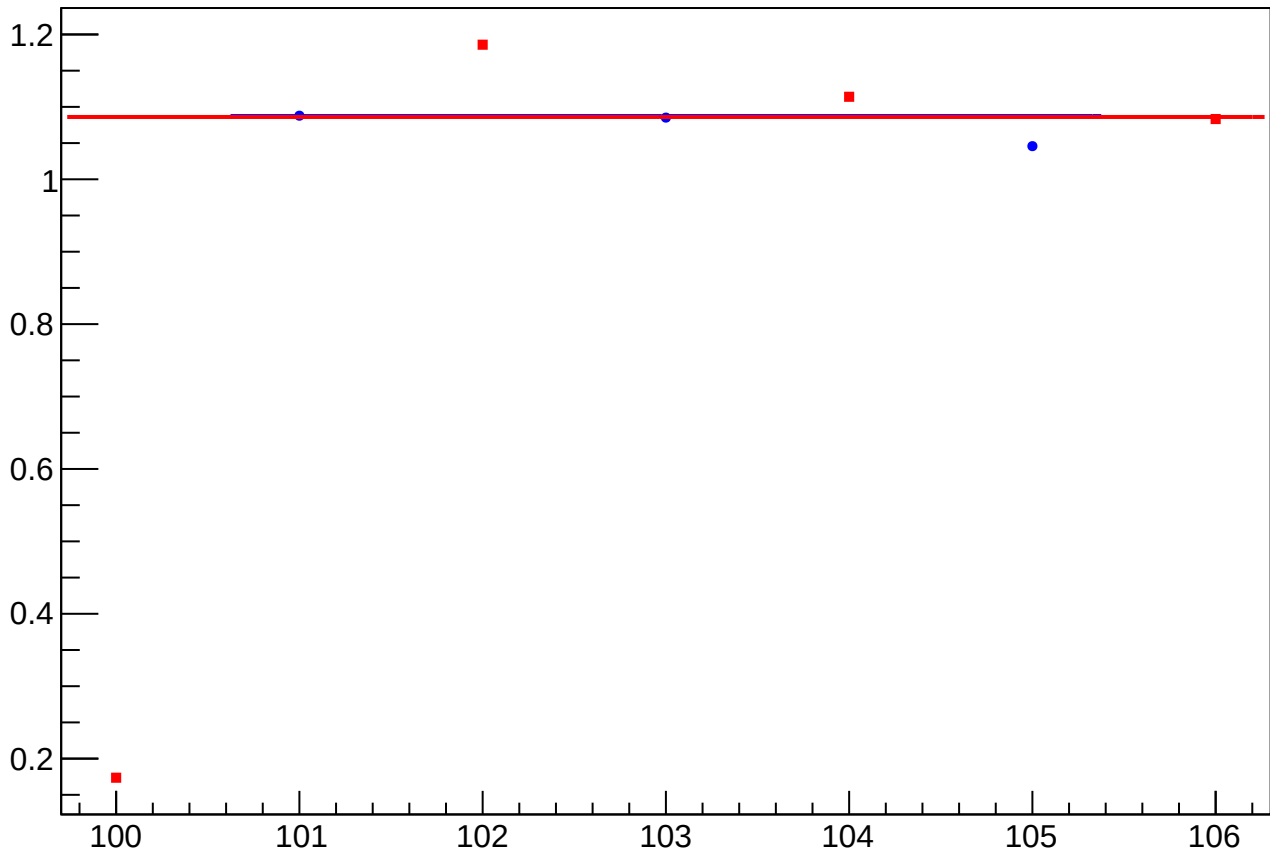
Right Out: 0.023+/-0.000 χ^2/NDF : 51671.5/3

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

0.020+/-0.000 χ^2/NDF : 15792.9/2

0.023+/-0.000 χ^2/NDF : 51671.5/3

yield_bpm11X_mean vs slug



Right In: 1.087+/-0.000 χ^2/NDF : 12650.9/2

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

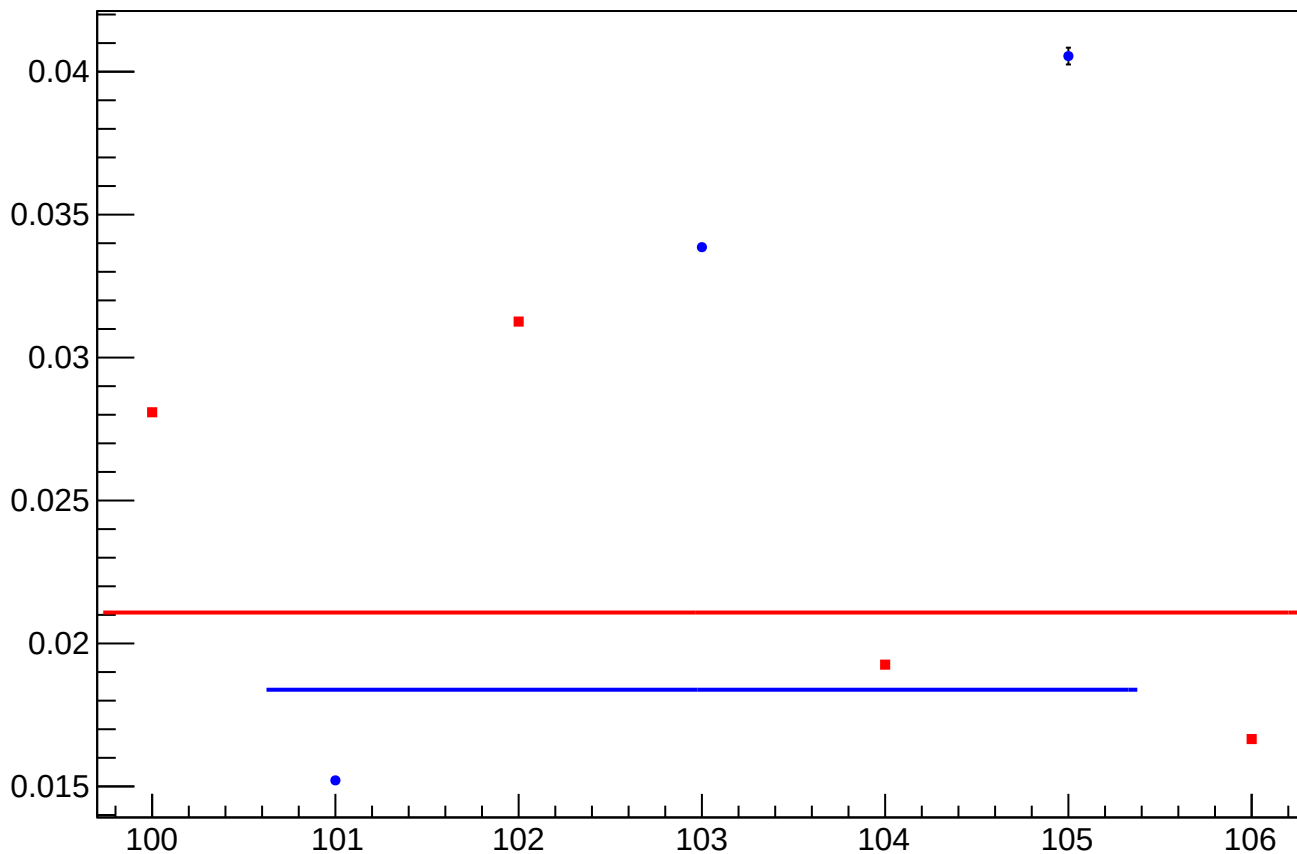
1.087+/-0.000 χ^2/NDF : 12650.9/2

Right Out: 1.086+/-0.000 χ^2/NDF : 75484070.2/3

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

1.086+/-0.000 χ^2/NDF : 75484070.2/3

yield_bpm11X_rms vs slug



Right In: 0.018+/-0.000 χ^2/NDF : 269105.5/2

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

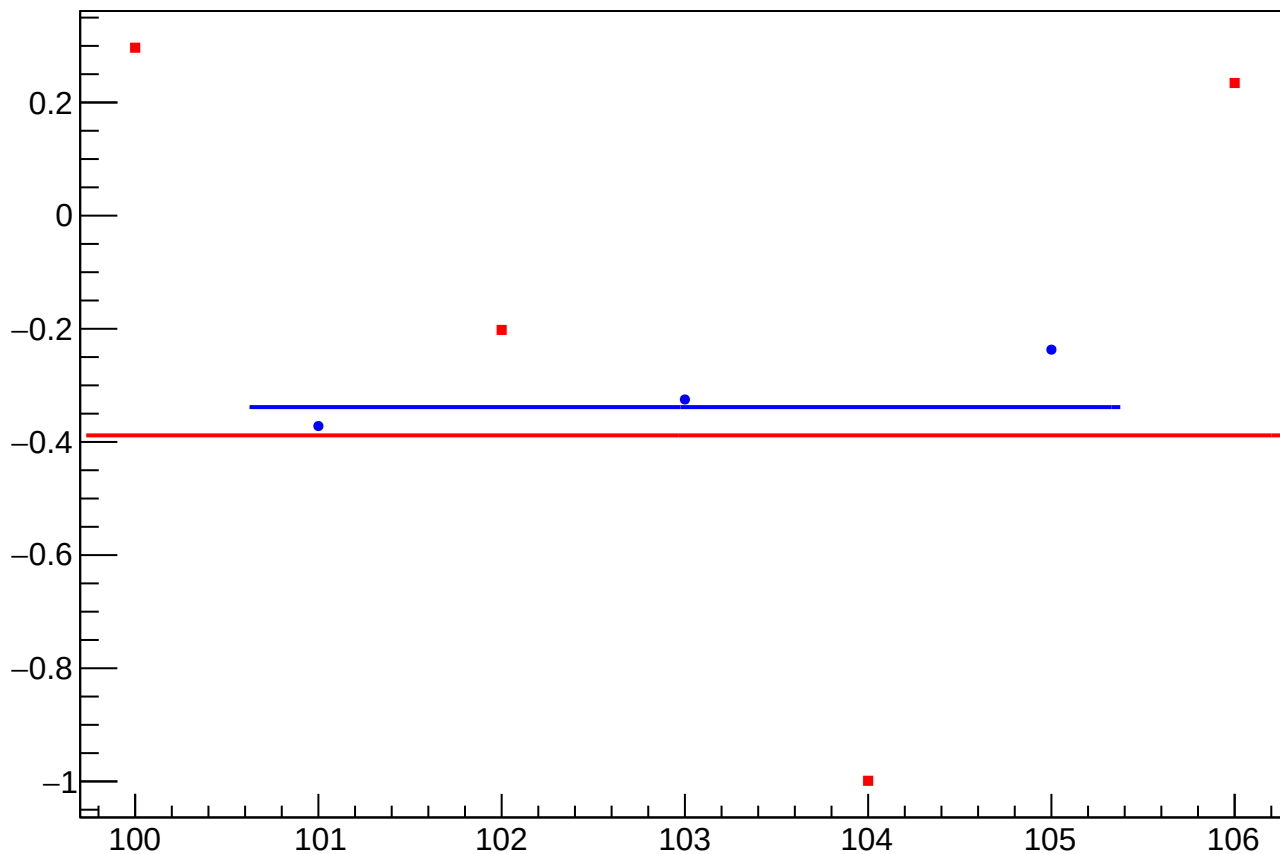
Right Out: 0.021+/-0.000 χ^2/NDF : 150059.7/3

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

0.018+/-0.000 χ^2/NDF : 269105.5/2

0.021+/-0.000 χ^2/NDF : 150059.7/3

yield_bpm11Y_mean vs slug



Right In: -0.338+/-0.000 χ^2/NDF : 1776623.9/2

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

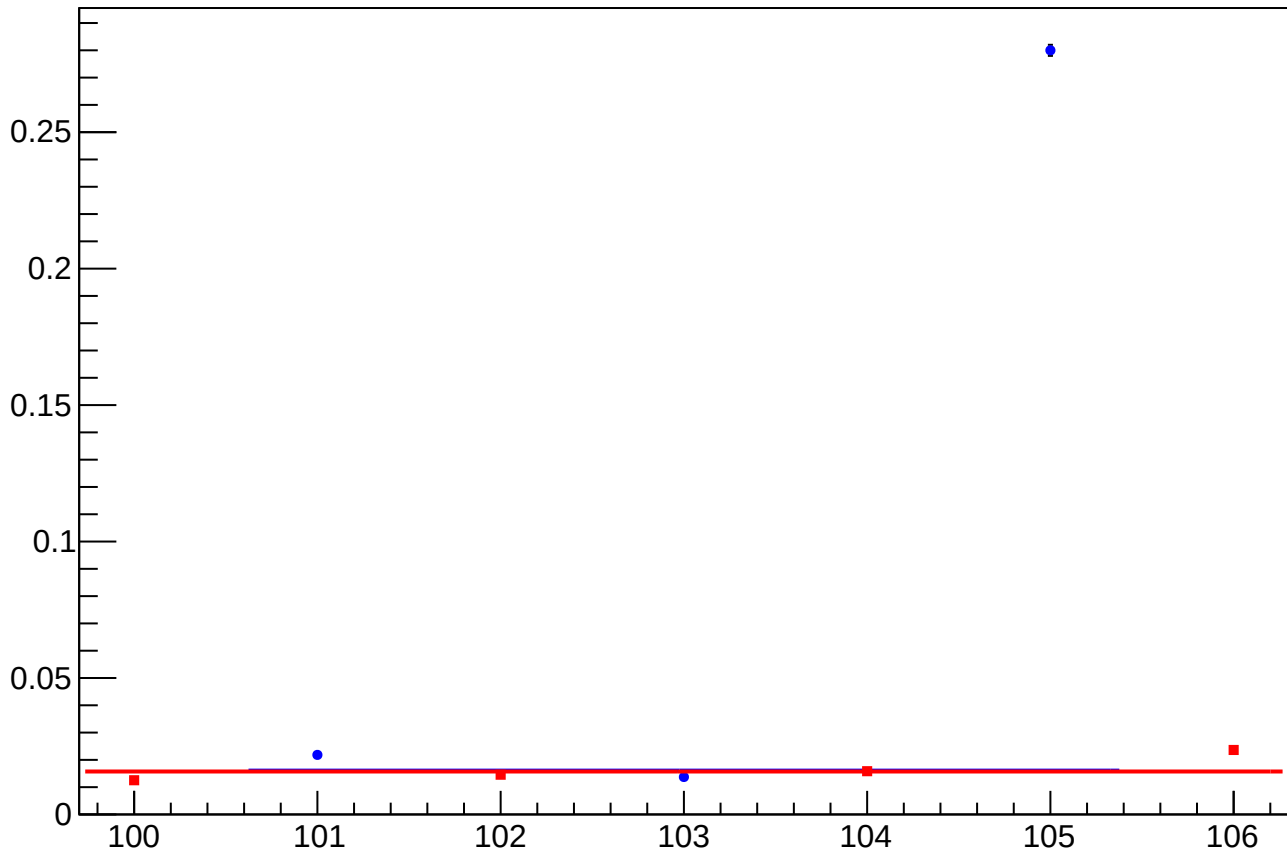
Right Out: -0.388+/-0.000 χ^2/NDF : 1090147008.5/3

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

-0.338+/-0.000 χ^2/NDF : 1776623.9/2

-0.388+/-0.000 χ^2/NDF : 1090147008.5/3

yield_bpm11Y_rms vs slug



Right In: 0.016+/-0.000 χ^2/NDF : 122534.4/2

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

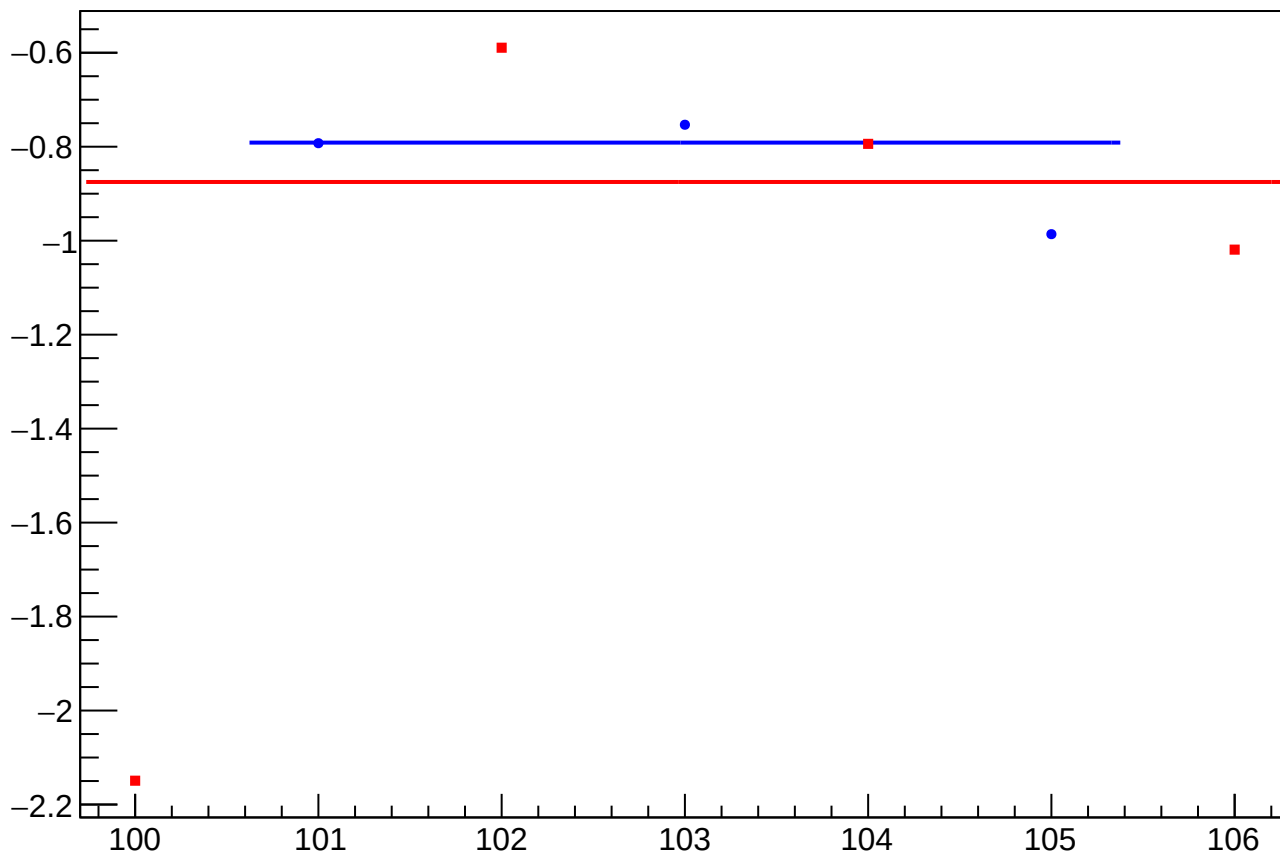
0.016+/-0.000 χ^2/NDF : 122534.4/2

Right Out: 0.016+/-0.000 χ^2/NDF : 75598.9/3

0.016+/-0.000 χ^2/NDF : 75598.9/3

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

yield_bpm12X_mean vs slug



Right In: -0.791+/-0.000 χ^2/NDF : 847582.6/2

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

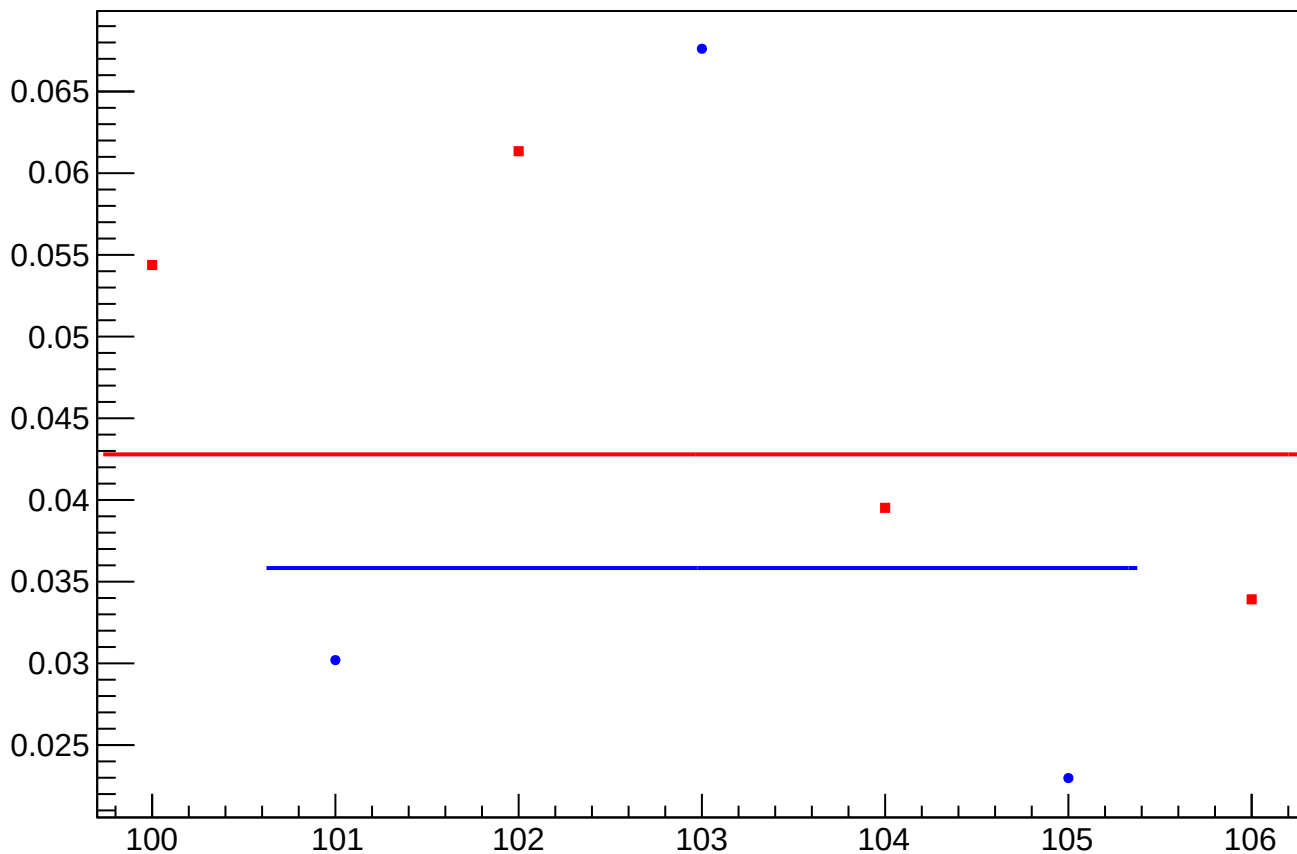
Right Out: -0.875+/-0.000 χ^2/NDF : 51400928.1/3

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

-0.791+/-0.000 χ^2/NDF : 847582.6/2

-0.875+/-0.000 χ^2/NDF : 51400928.1/3

yield_bpm12X_rms vs slug



Right In: 0.036+/-0.000 χ^2/NDF : 269480.1/2

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

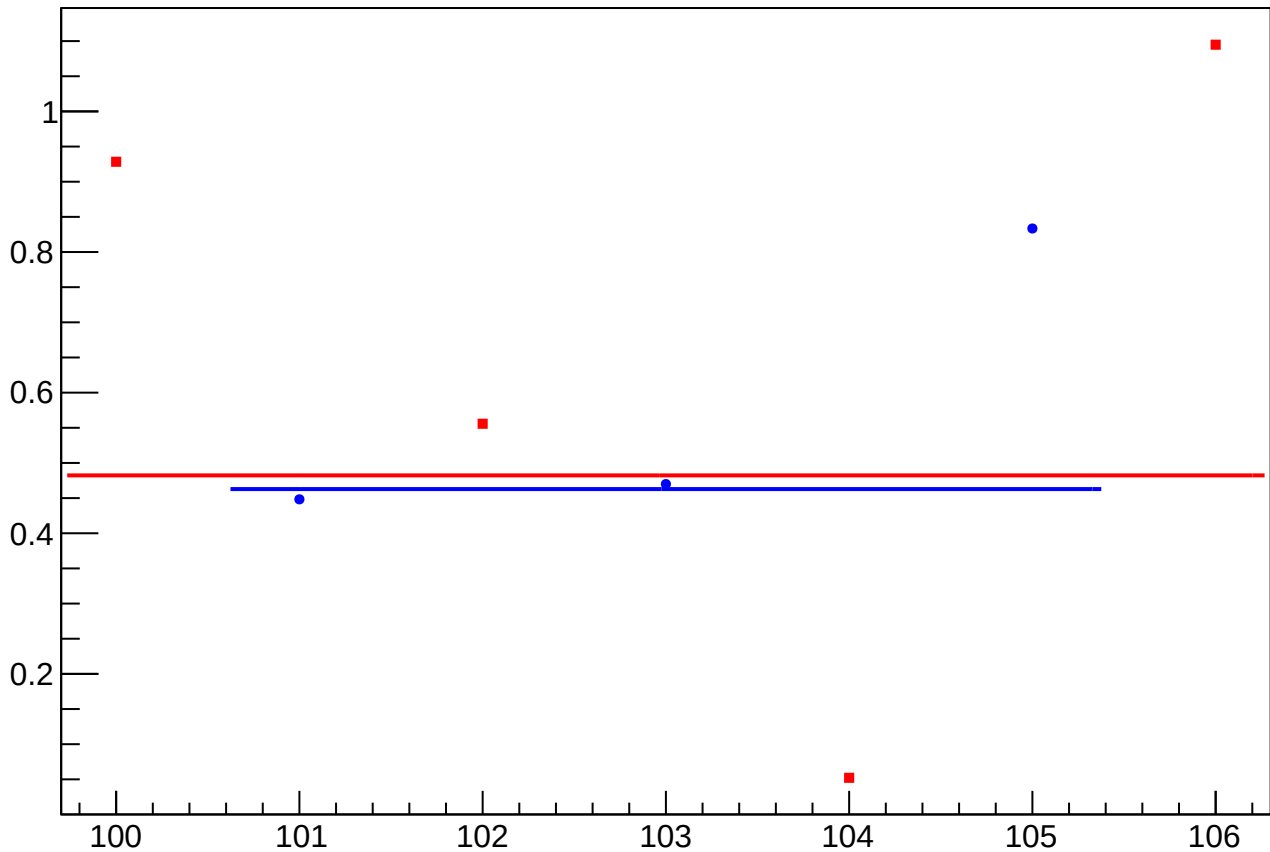
Right Out: 0.043+/-0.000 χ^2/NDF : 130176.9/3

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

0.036+/-0.000 χ^2/NDF : 269480.1/2

0.043+/-0.000 χ^2/NDF : 130176.9/3

yield_bpm12Y_mean vs slug



Right In: 0.463+/-0.000 χ^2/NDF : 809847.4/2

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

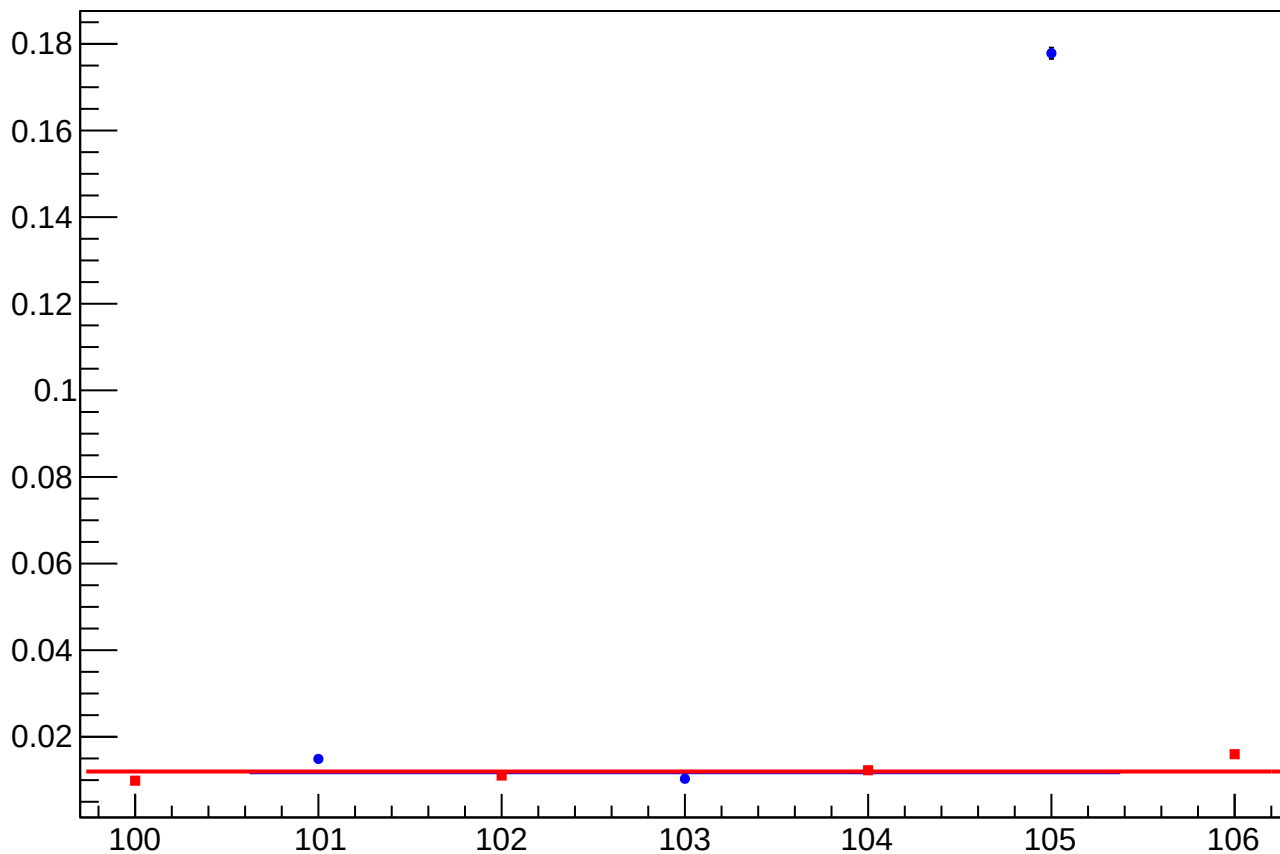
0.463+/-0.000 χ^2/NDF : 809847.4/2

Right Out: 0.482+/-0.000 χ^2/NDF : 1091506842.5/3

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

0.482+/-0.000 χ^2/NDF : 1091506842.5/3

yield_bpm12Y_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 85547.1/2

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

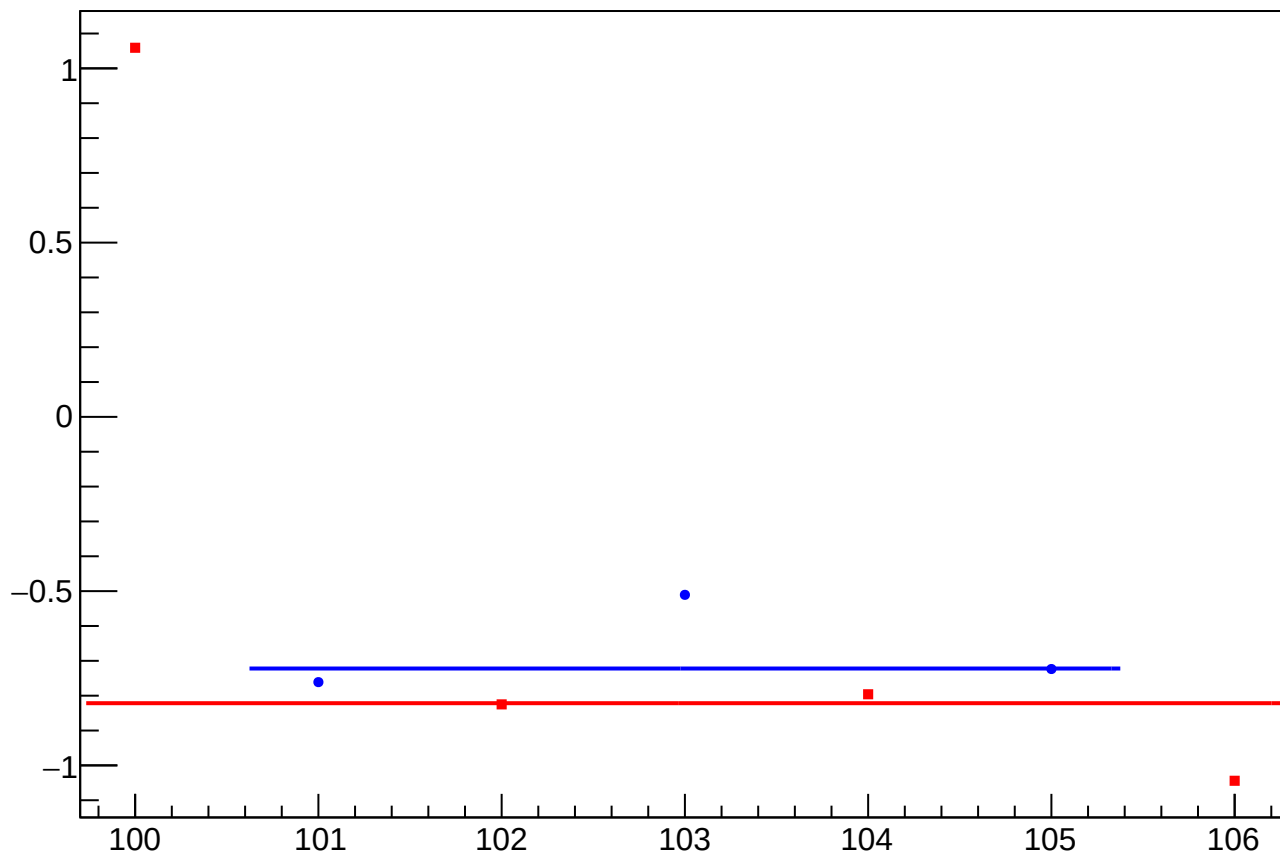
Right Out: 0.012+/-0.000 χ^2/NDF : 47211.2/3

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

0.012+/-0.000 χ^2/NDF : 85547.1/2

0.012+/-0.000 χ^2/NDF : 47211.2/3

yield_bpm16X_mean vs slug



Right In: -0.722+/-0.000 χ^2/NDF : 5899591.7/2

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

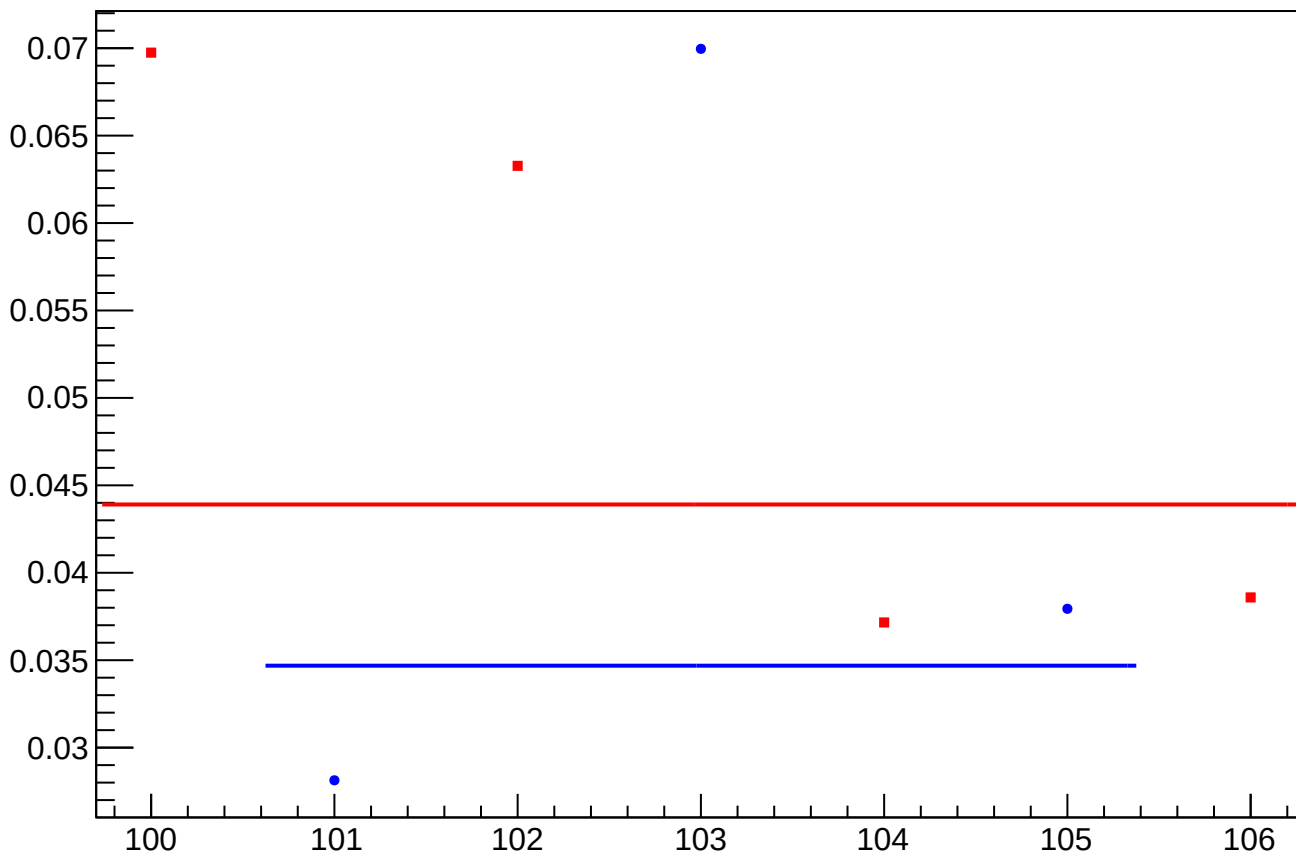
Right Out: -0.822+/-0.000 χ^2/NDF : 58216512.7/3

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

-0.722+/-0.000 χ^2/NDF : 5899591.7/2

-0.822+/-0.000 χ^2/NDF : 58216512.7/3

yield_bpm16X_rms vs slug



Right In: 0.035+/-0.000 χ^2/NDF : 329227.0/2

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

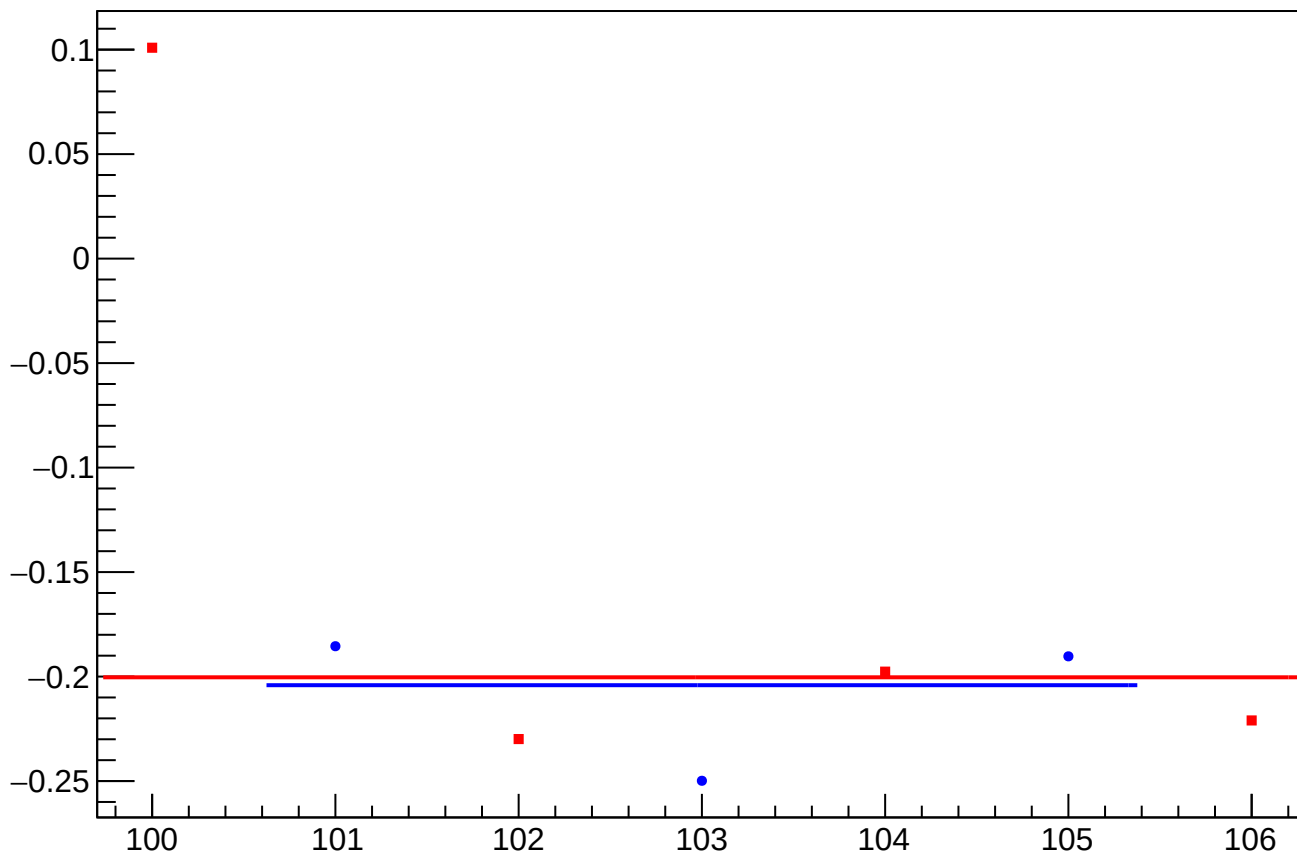
Right Out: 0.044+/-0.000 χ^2/NDF : 141765.6/3

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

0.035+/-0.000 χ^2/NDF : 329227.0/2

0.044+/-0.000 χ^2/NDF : 141765.6/3

yield_bpm16Y_mean vs slug



Right In: -0.204 $\pm$ 0.000 χ^2 /NDF: 30075396.9/2

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

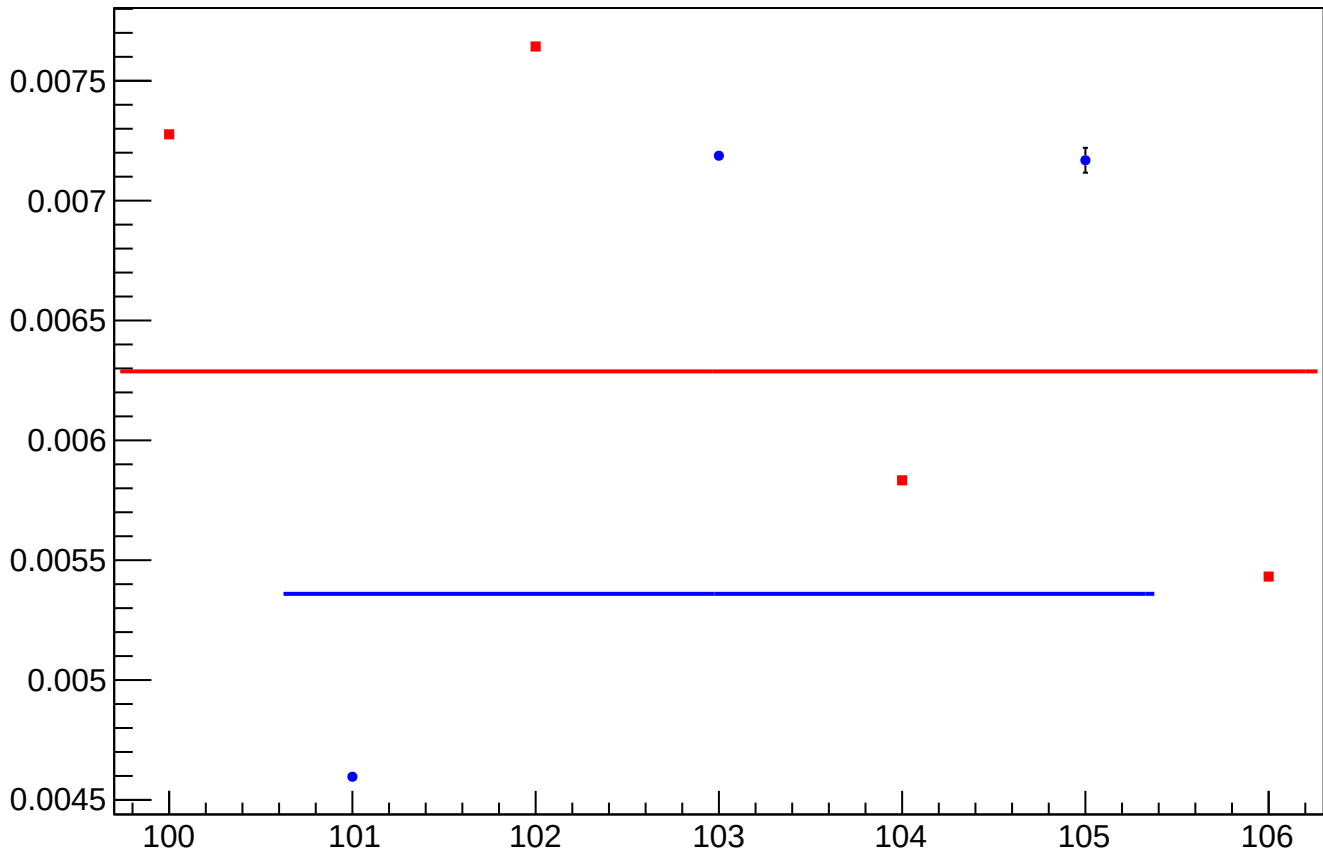
Right Out: -0.200 $\pm$ 0.000 χ^2 /NDF: 127365877.8/3

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

-0.204 $\pm$ 0.000 χ^2 /NDF: 30075396.9/2

-0.200 $\pm$ 0.000 χ^2 /NDF: 127365877.8/3

yield_bpm16Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 98475.4/2

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

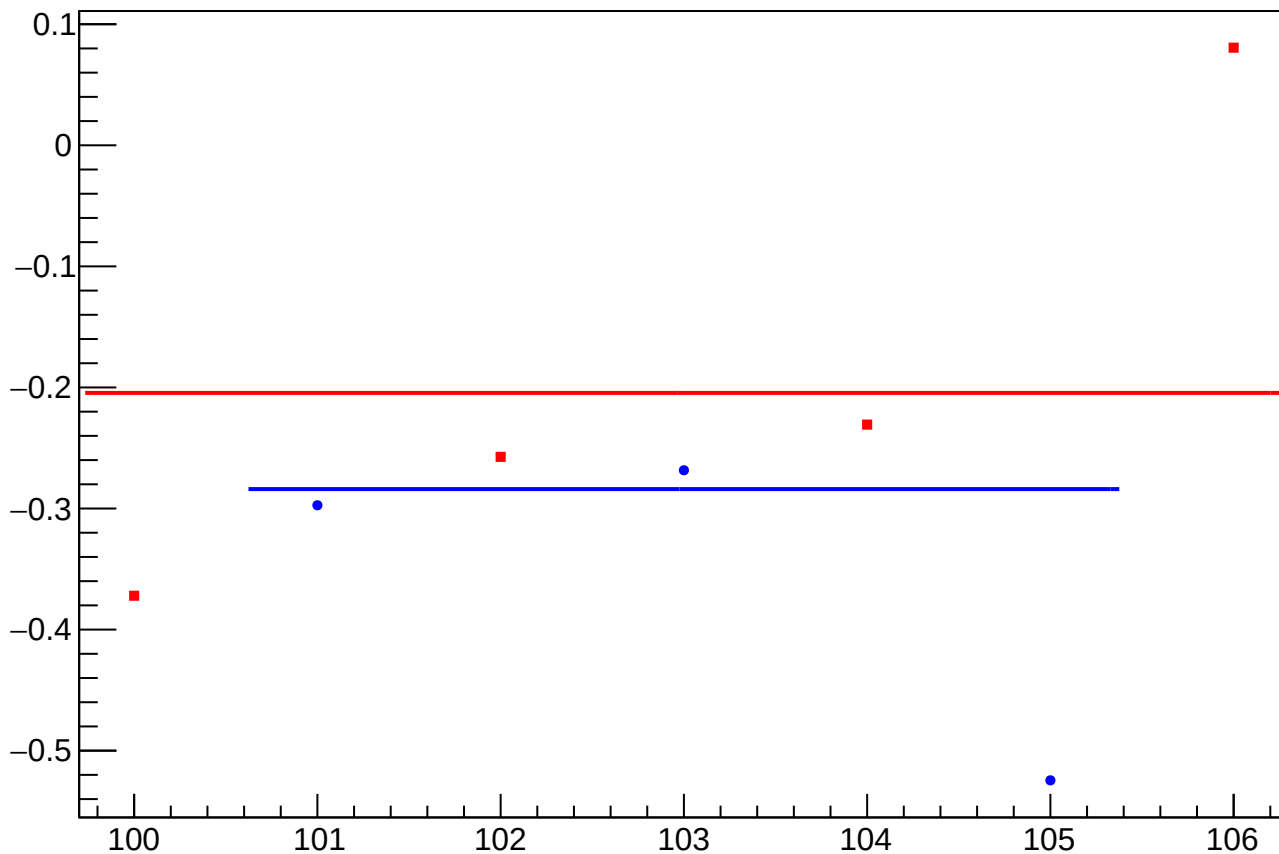
Right Out: 0.006+/-0.000 χ^2/NDF : 51428.3/3

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

0.005+/-0.000 χ^2/NDF : 98475.4/2

0.006+/-0.000 χ^2/NDF : 51428.3/3

yield_bpm0i02X_mean vs slug



Right In: -0.284+/-0.000 χ^2/NDF : 4398284.8/2

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

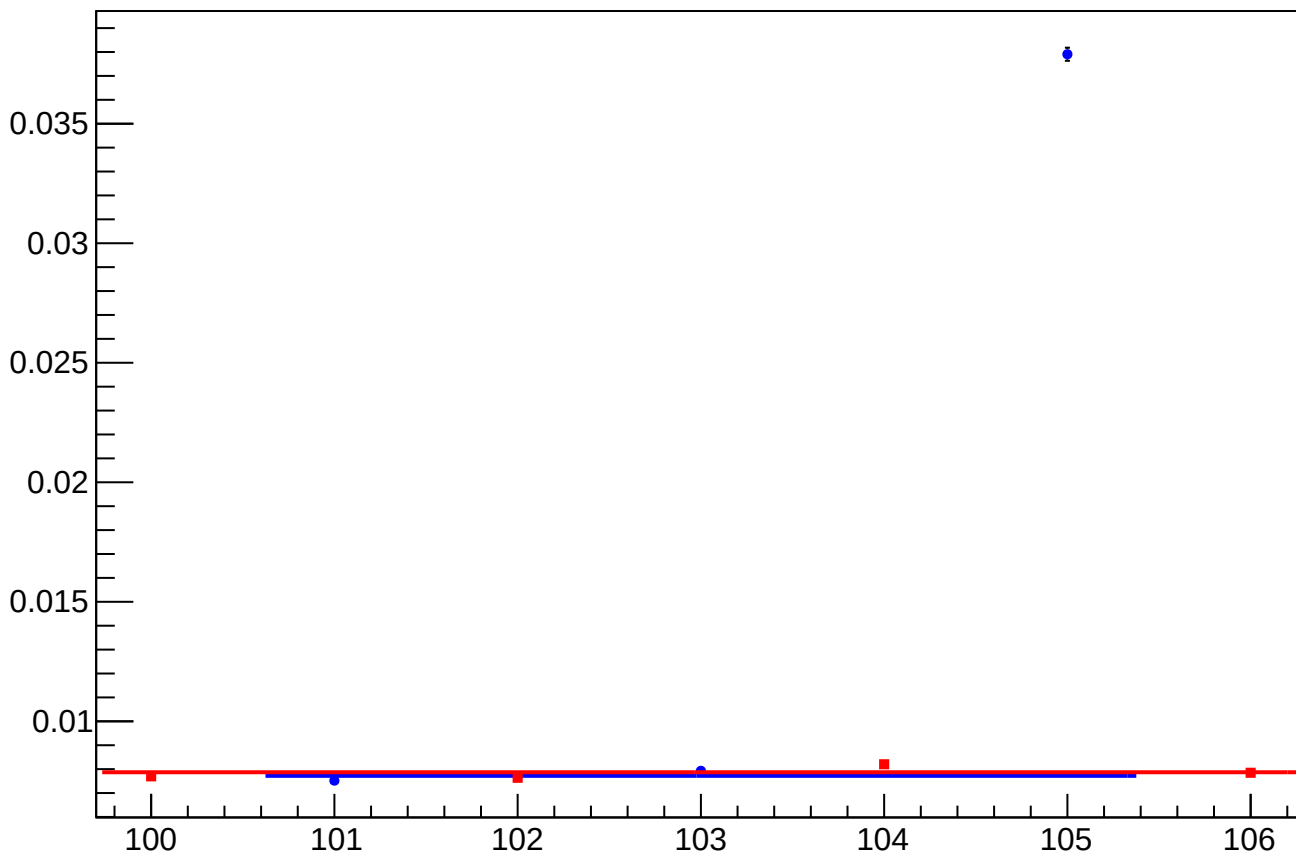
Right Out: -0.204+/-0.000 χ^2/NDF : 313375156.9/3

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

-0.284+/-0.000 χ^2/NDF : 4398284.8/2

-0.204+/-0.000 χ^2/NDF : 313375156.9/3

yield_bpm0i02X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 13700.7/2

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

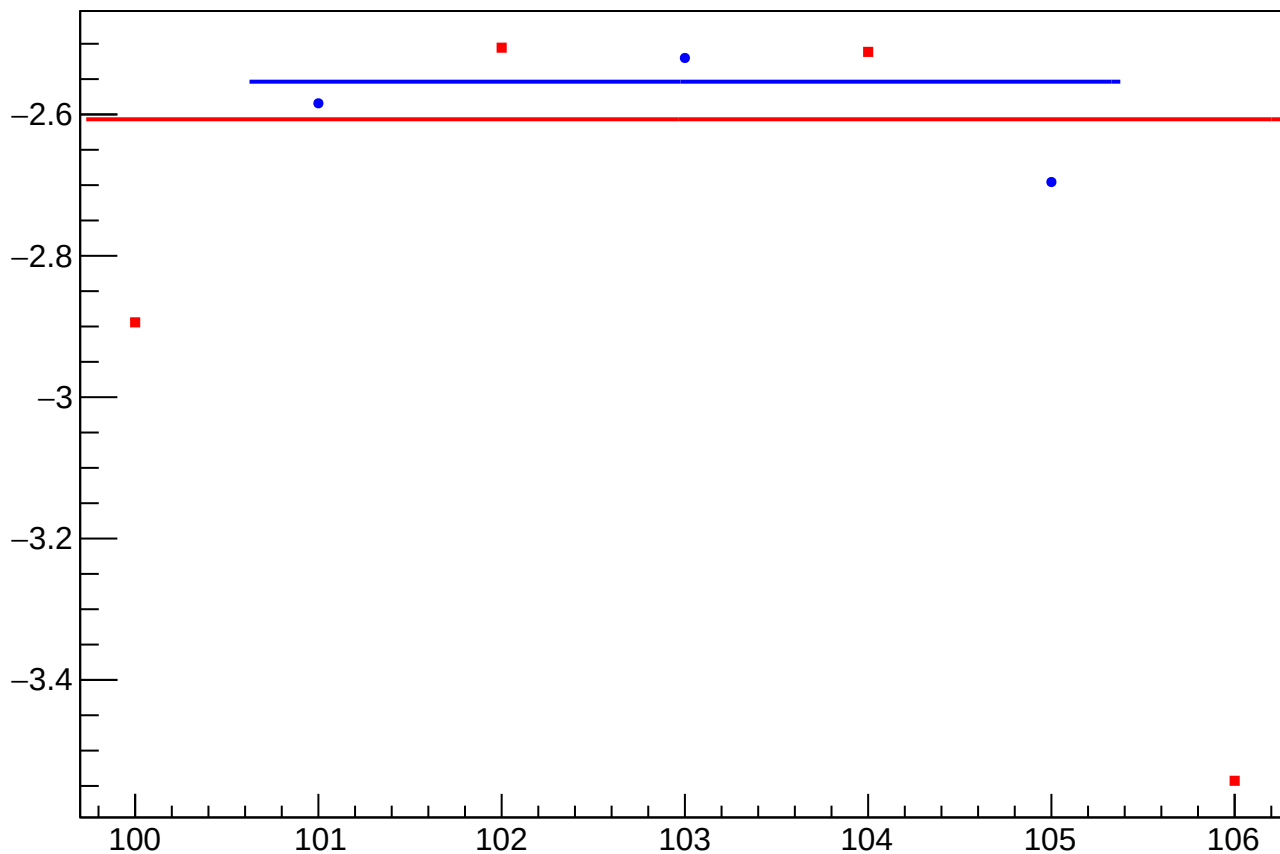
Right Out: 0.008+/-0.000 χ^2/NDF : 2656.7/3

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

0.008+/-0.000 χ^2/NDF : 13700.7/2

0.008+/-0.000 χ^2/NDF : 2656.7/3

yield_bpm0i02Y_mean vs slug



Right In: -2.554+/-0.000 χ^2/NDF : 22730833.0/2

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

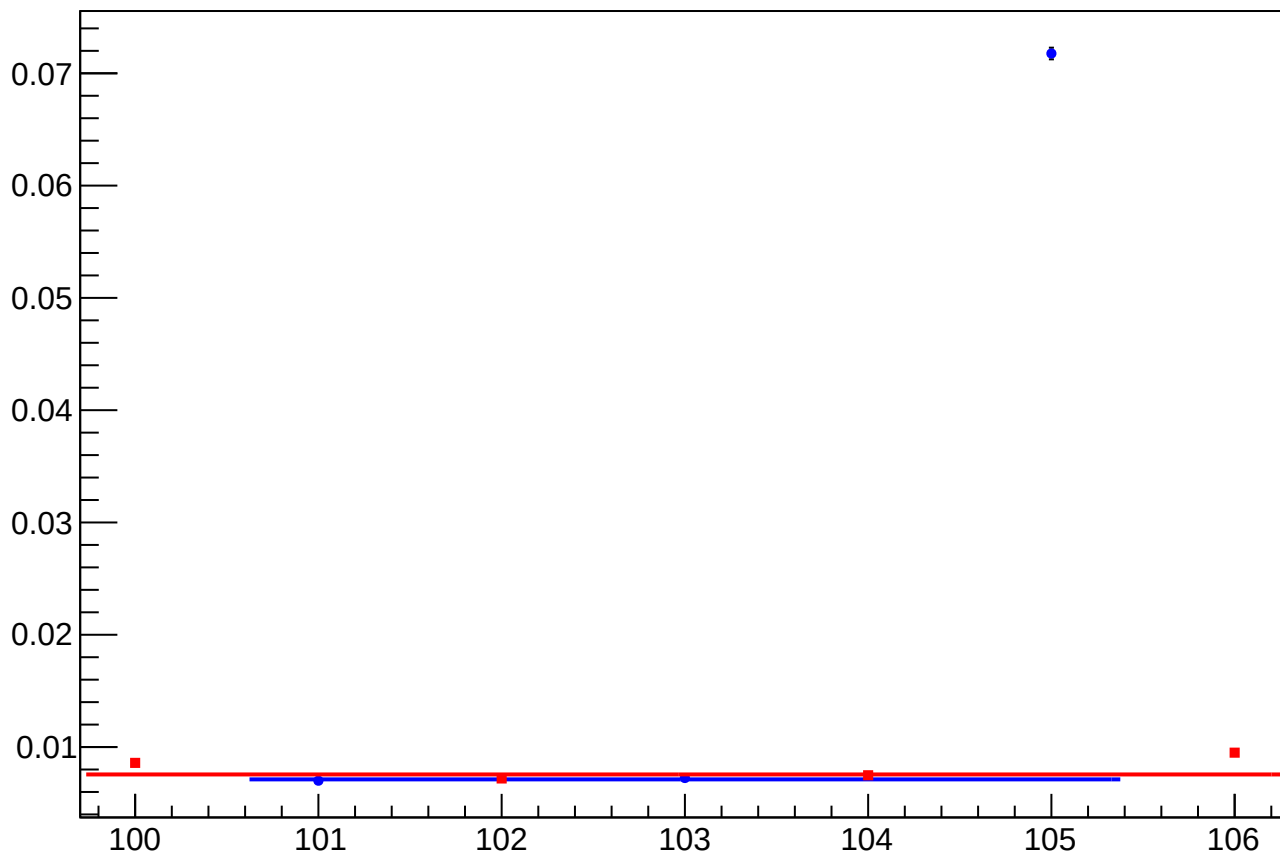
Right Out: -2.607+/-0.000 χ^2/NDF : 1729117165.3/3

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

-2.554+/-0.000 χ^2/NDF : 22730833.0/2

-2.607+/-0.000 χ^2/NDF : 1729117165.3/3

yield_bpm0i02Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 16092.6/2

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

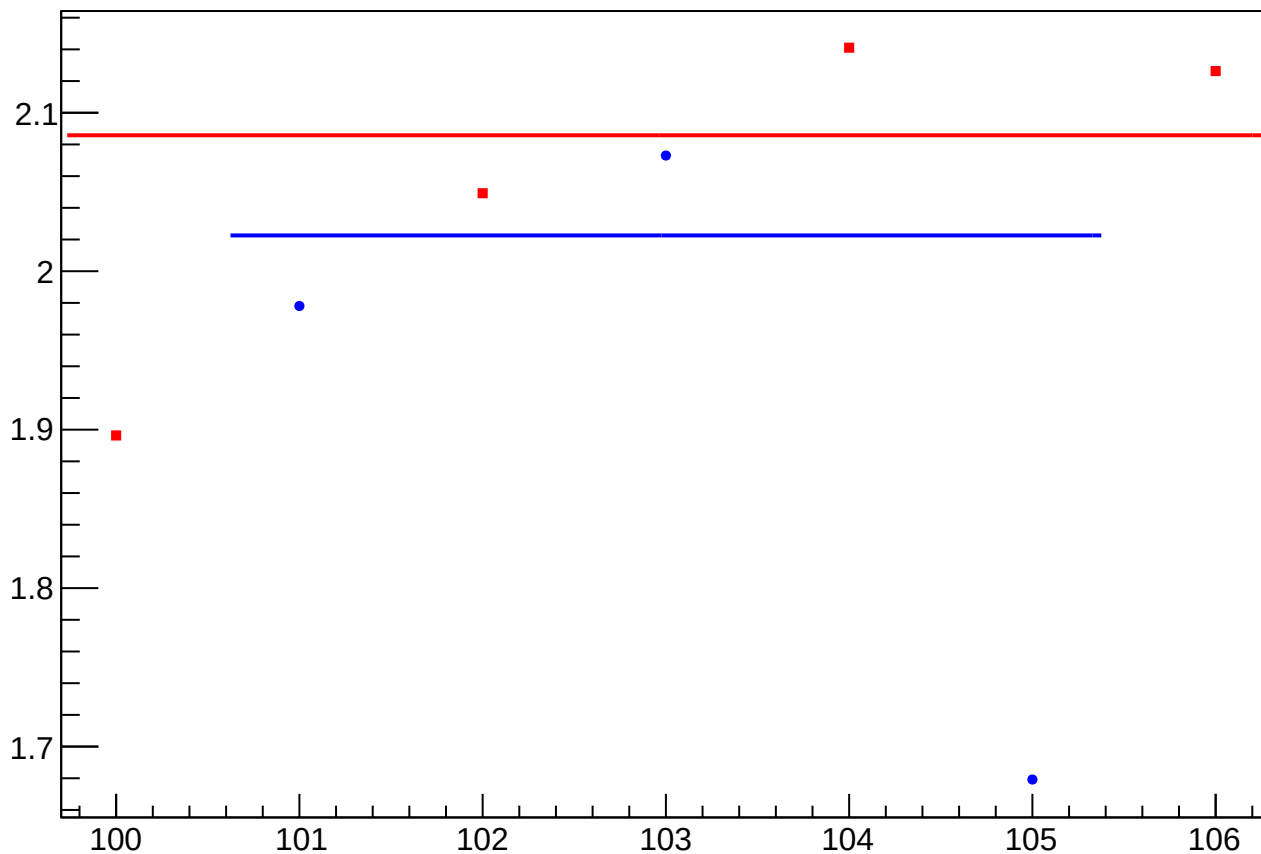
Right Out: 0.008+/-0.000 χ^2/NDF : 17265.4/3

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

0.007+/-0.000 χ^2/NDF : 16092.6/2

0.008+/-0.000 χ^2/NDF : 17265.4/3

yield_bpm0i02aX_mean vs slug



Right In: 2.023+/-0.000 χ^2/NDF : 14862541.9/2

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

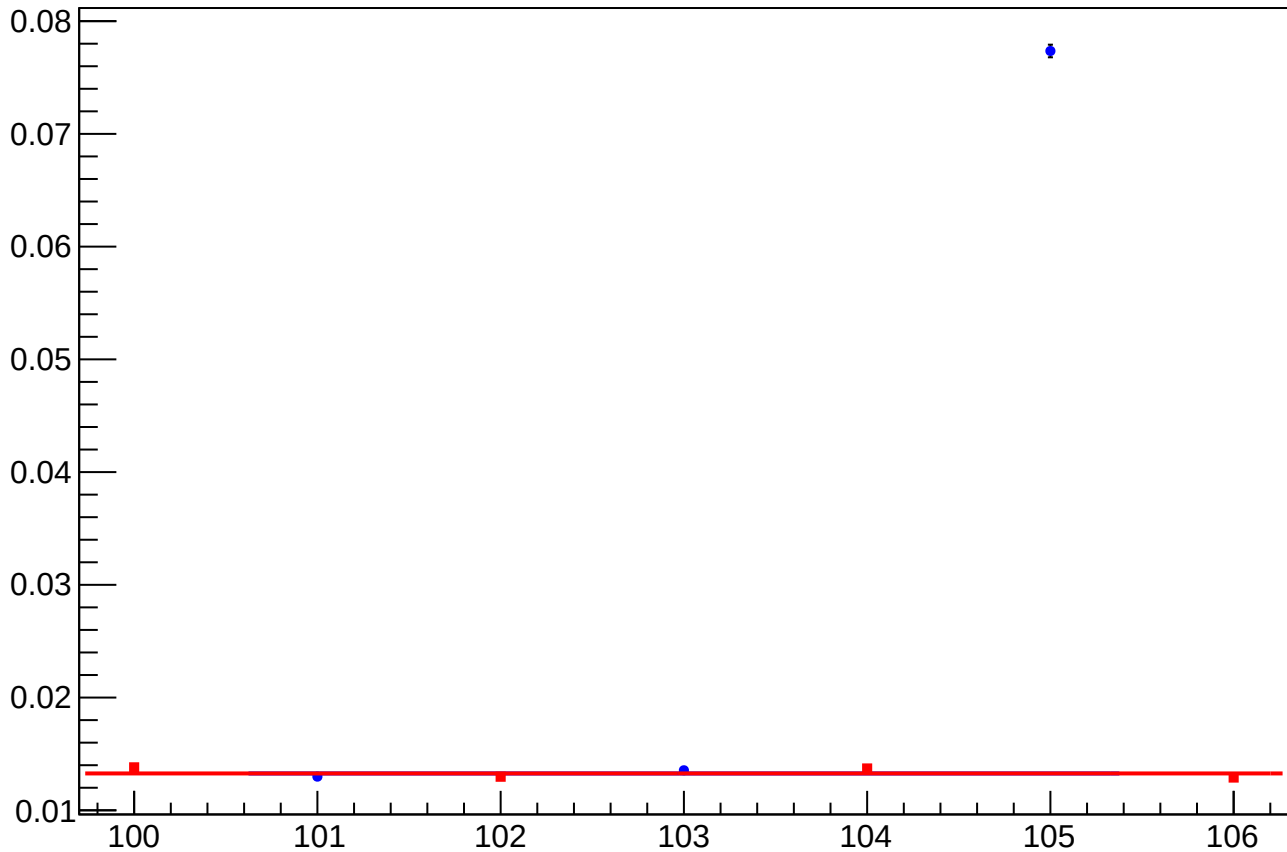
Right Out: 2.086+/-0.000 χ^2/NDF : 27139283.1/3

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

2.023+/-0.000 χ^2/NDF : 14862541.9/2

2.086+/-0.000 χ^2/NDF : 27139283.1/3

yield_bpm0i02aX_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 14115.8/2

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

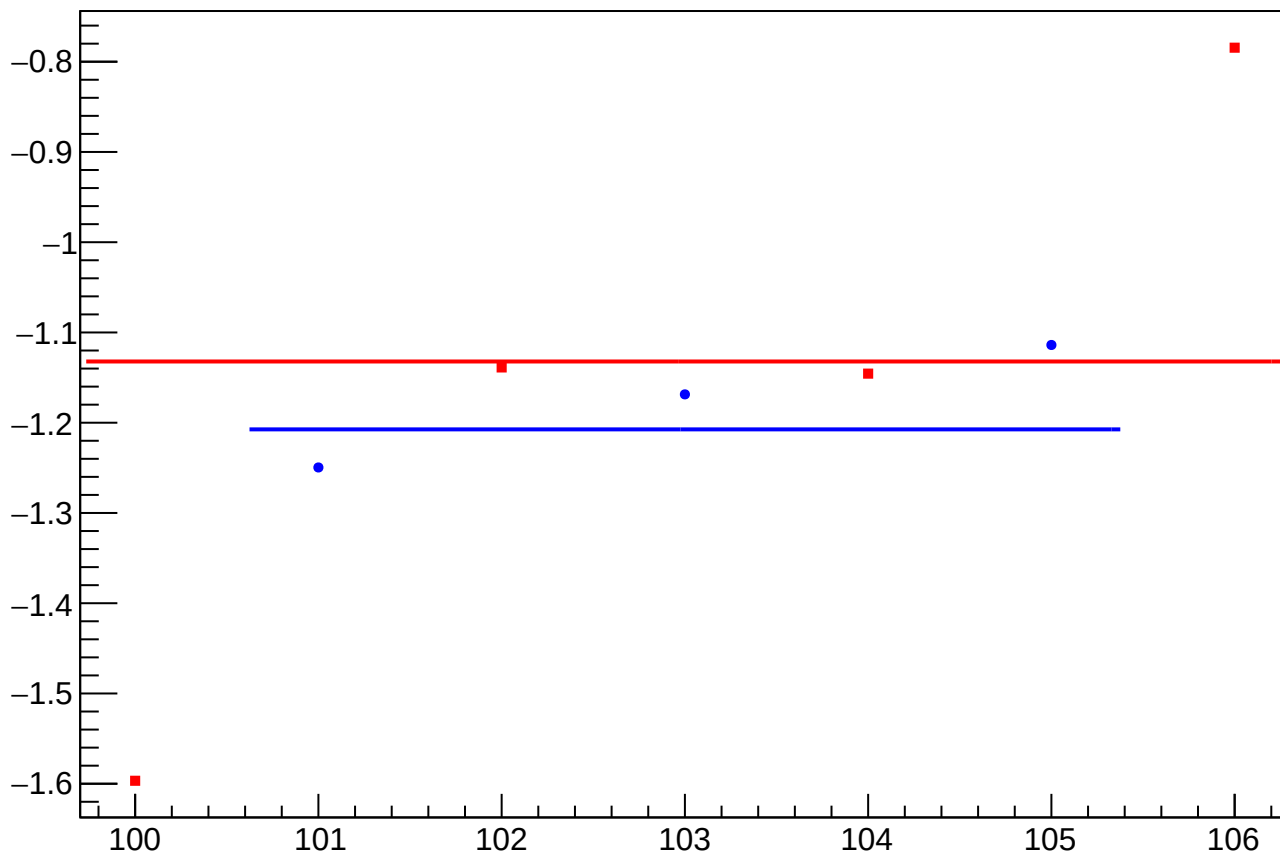
Right Out: 0.013+/-0.000 χ^2/NDF : 2055.4/3

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

0.013+/-0.000 χ^2/NDF : 14115.8/2

0.013+/-0.000 χ^2/NDF : 2055.4/3

yield_bpm0i02aY_mean vs slug



Right In: -1.207+/-0.000 χ^2/NDF : 33621036.8/2

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

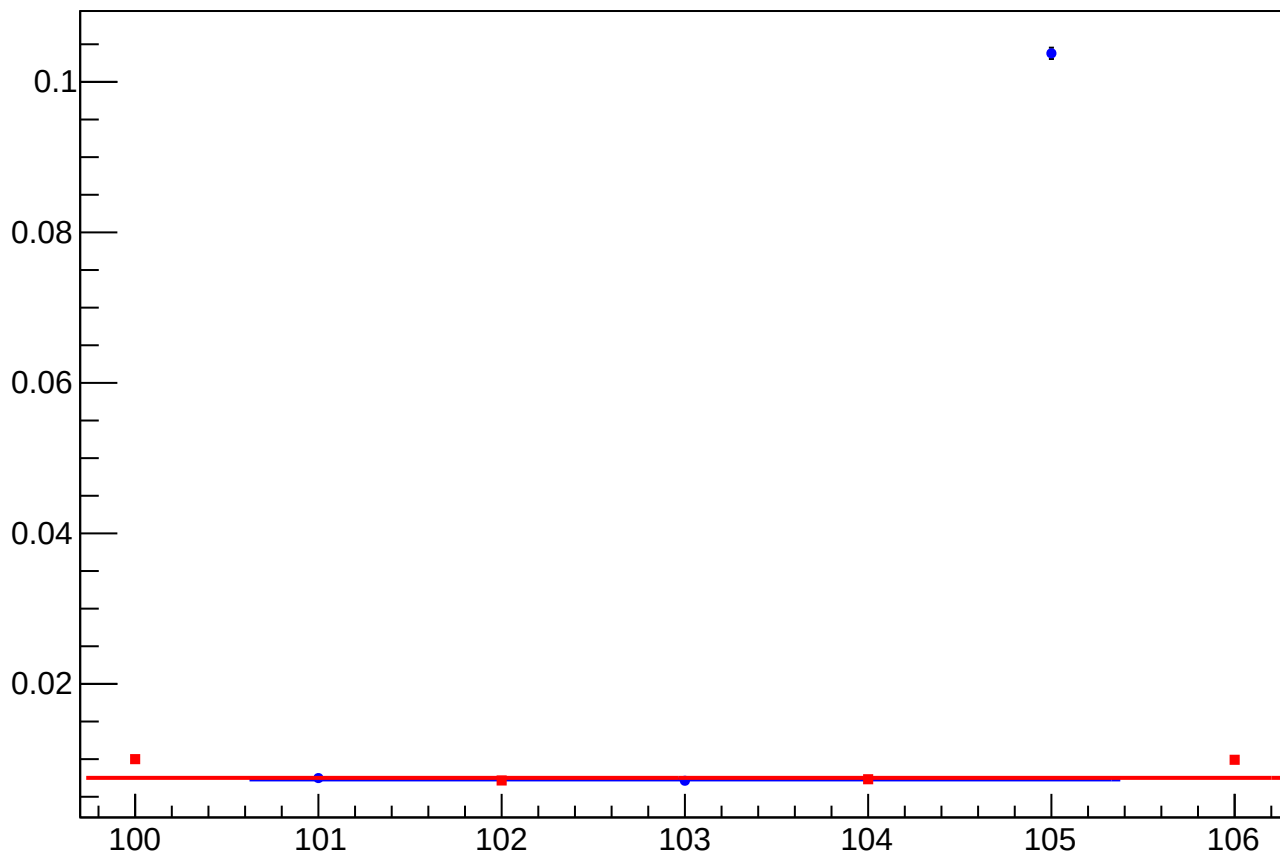
Right Out: -1.132+/-0.000 χ^2/NDF : 316884082.0/3

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

-1.207+/-0.000 χ^2/NDF : 33621036.8/2

-1.132+/-0.000 χ^2/NDF : 316884082.0/3

yield_bpm0i02aY_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 17761.1/2

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

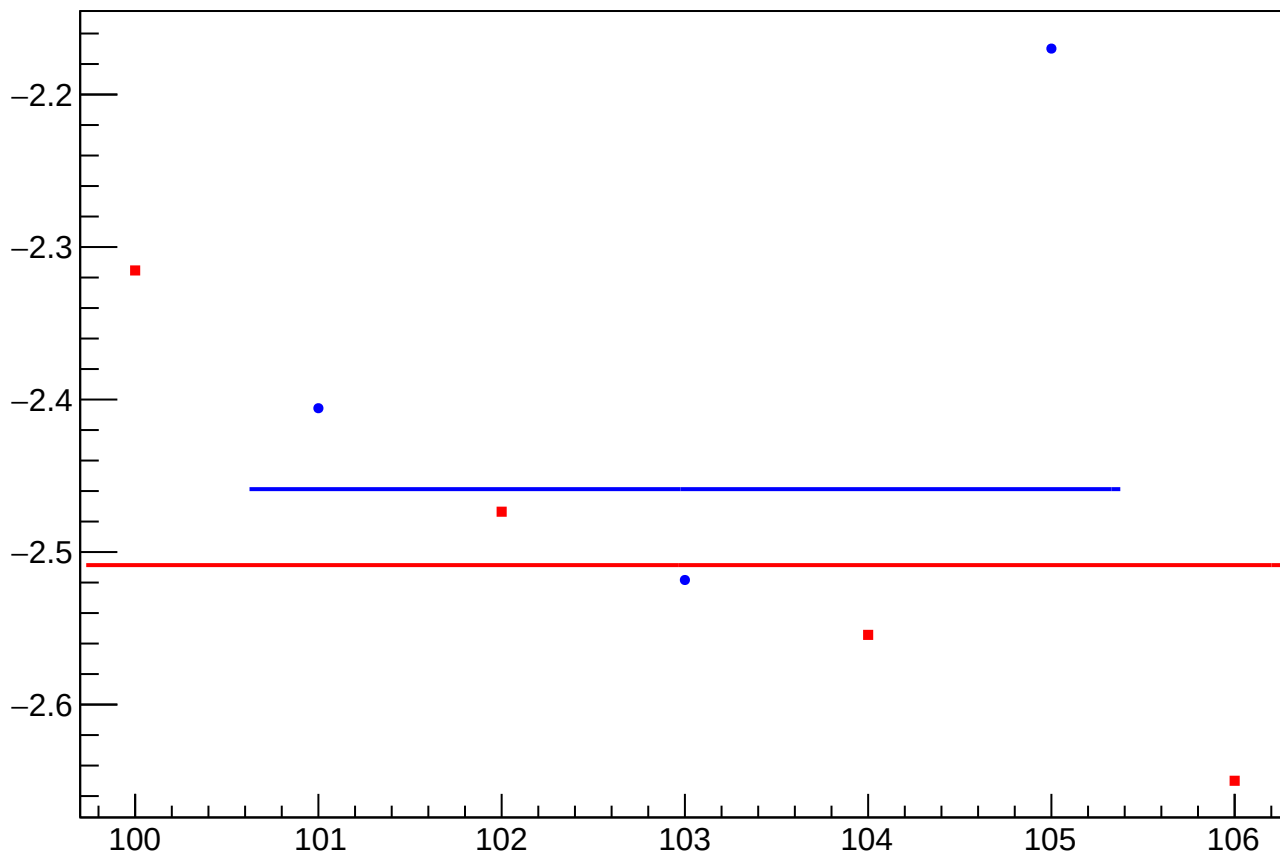
Right Out: 0.008+/-0.000 χ^2/NDF : 27575.3/3

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

0.007+/-0.000 χ^2/NDF : 17761.1/2

0.008+/-0.000 χ^2/NDF : 27575.3/3

yield_bpm0i05X_mean vs slug



Right In: -2.459+/-0.000 χ^2/NDF : 125904759.9/2

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

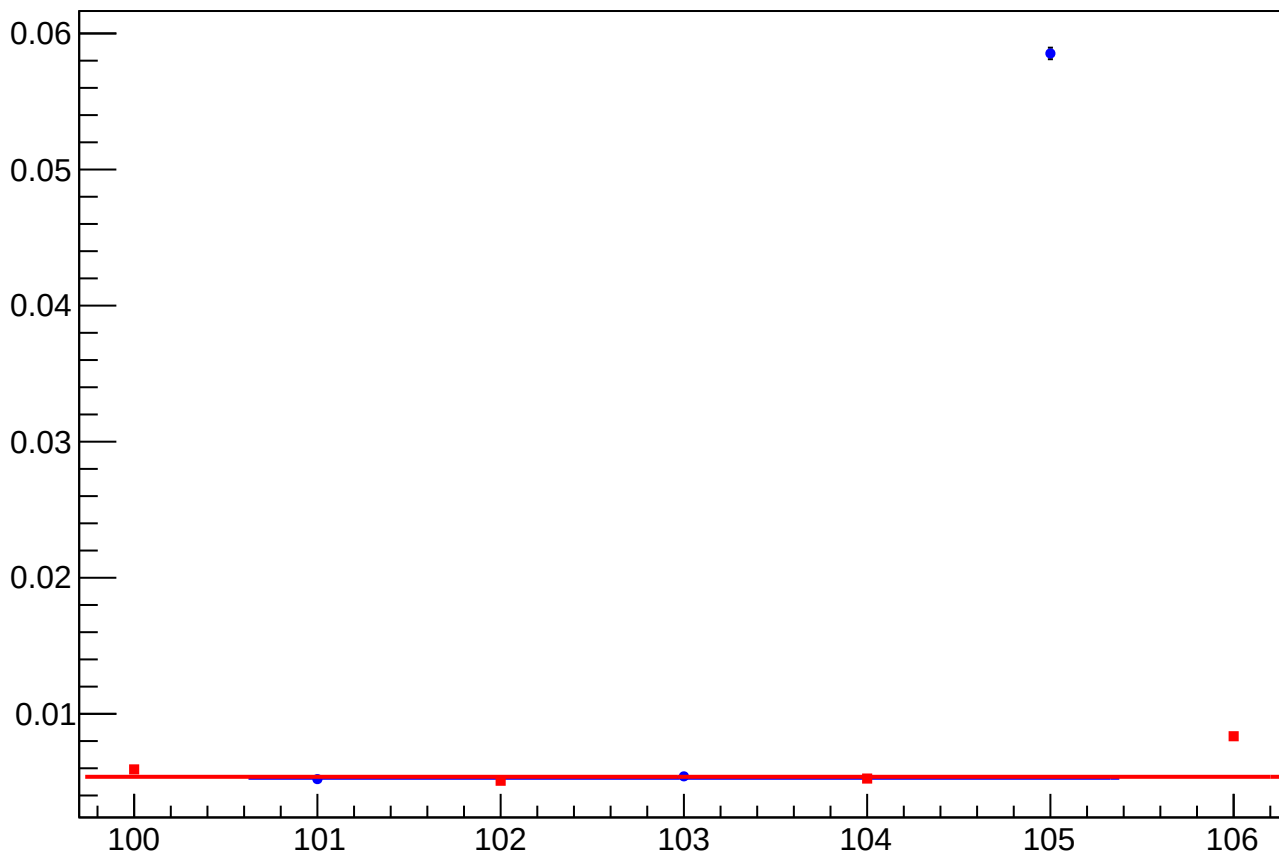
Right Out: -2.509+/-0.000 χ^2/NDF : 180944947.8/3

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

-2.459+/-0.000 χ^2/NDF : 125904759.9/2

-2.509+/-0.000 χ^2/NDF : 180944947.8/3

yield_bpm0i05X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 16577.2/2

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

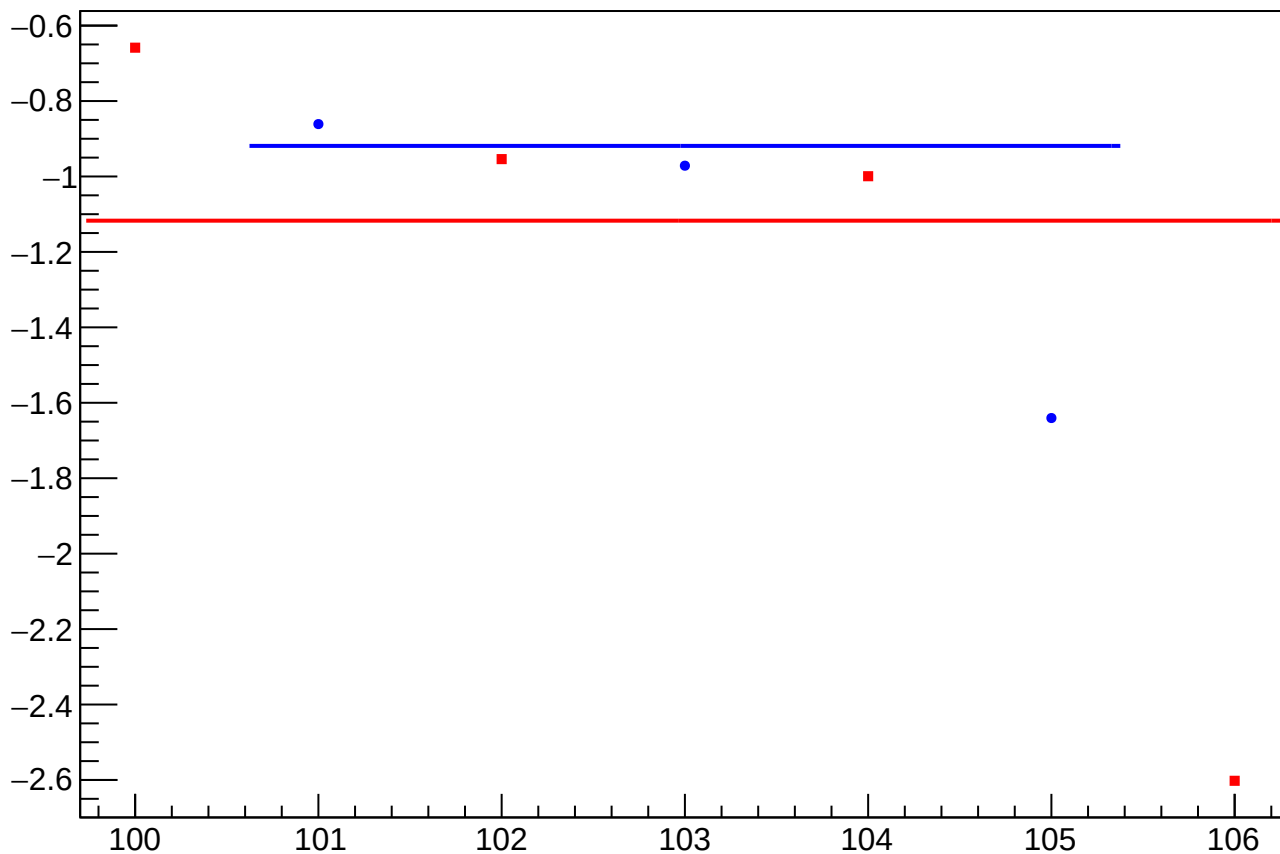
Right Out: 0.005+/-0.000 χ^2/NDF : 47293.3/3

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

0.005+/-0.000 χ^2/NDF : 16577.2/2

0.005+/-0.000 χ^2/NDF : 47293.3/3

yield_bpm0i05Y_mean vs slug



Right In: -0.919+/-0.000 χ^2/NDF : 117759857.8/2

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

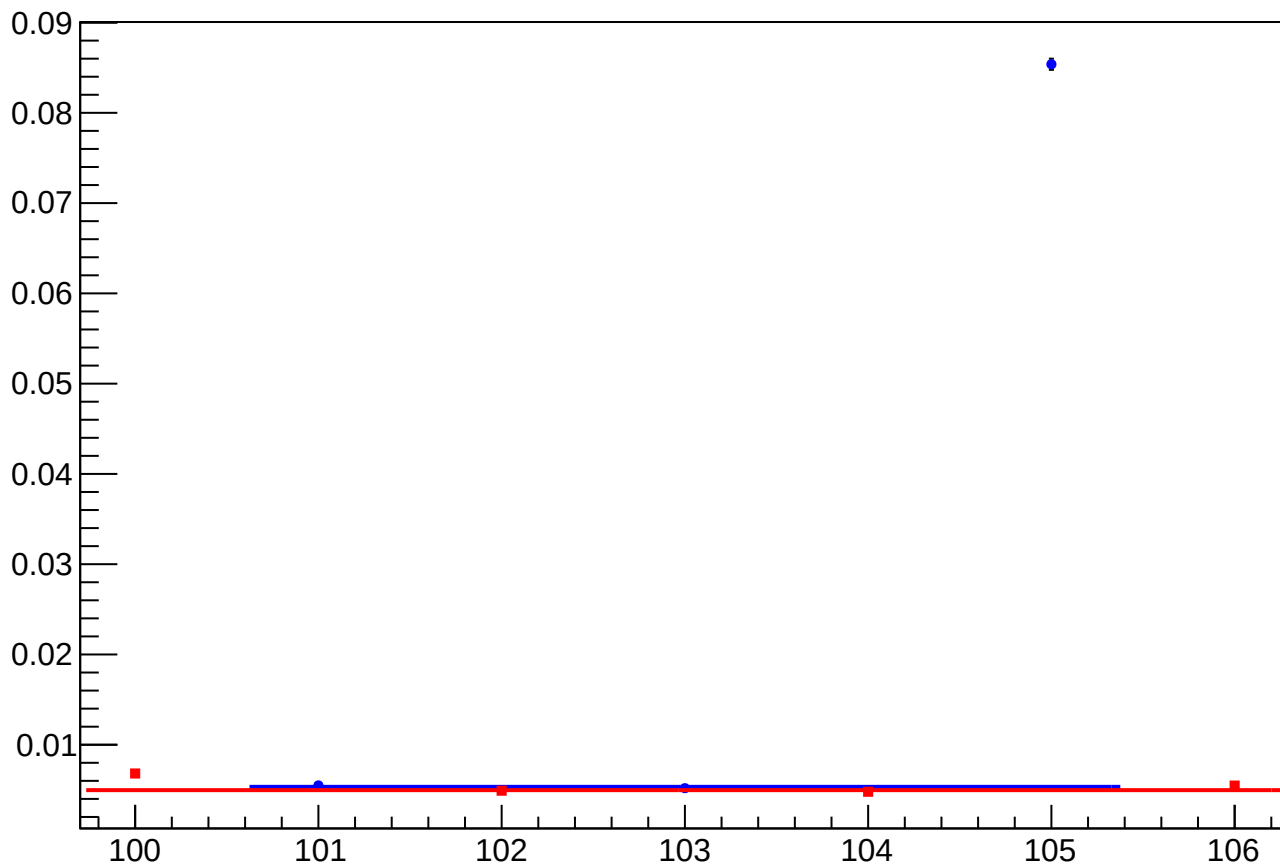
Right Out: -1.117+/-0.000 χ^2/NDF : 10684750525.5/3

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

-0.919+/-0.000 χ^2/NDF : 117759857.8/2

-1.117+/-0.000 χ^2/NDF : 10684750525.5/3

yield_bpm0i05Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 18520.4/2

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

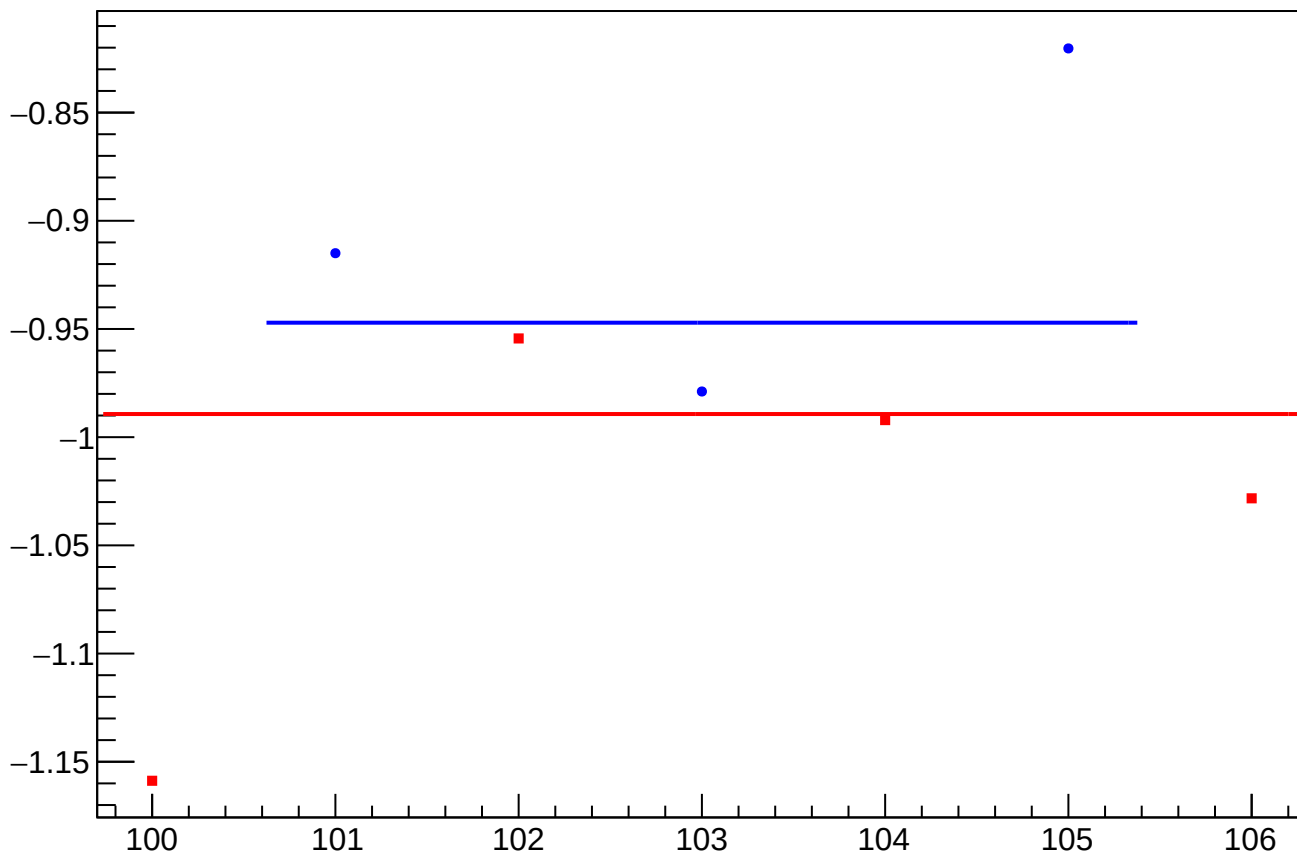
Right Out: 0.005+/-0.000 χ^2/NDF : 13112.6/3

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

0.005+/-0.000 χ^2/NDF : 18520.4/2

0.005+/-0.000 χ^2/NDF : 13112.6/3

yield_bpm0i07X_mean vs slug



Right In: -0.947+/-0.000 χ^2/NDF : 60211064.2/2

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

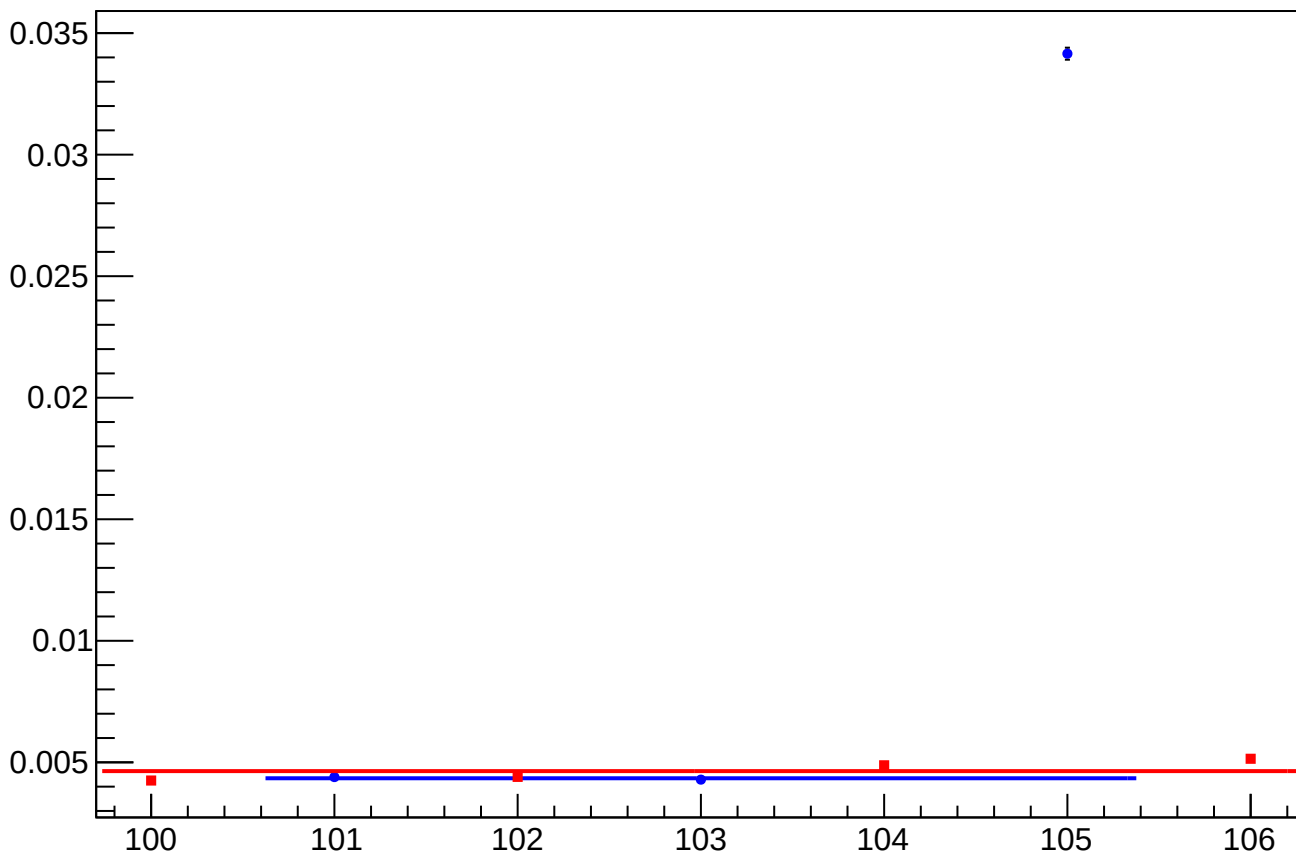
Right Out: -0.989+/-0.000 χ^2/NDF : 153191004.6/3

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

-0.947+/-0.000 χ^2/NDF : 60211064.2/2

-0.989+/-0.000 χ^2/NDF : 153191004.6/3

yield_bpm0i07X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 14838.2/2

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

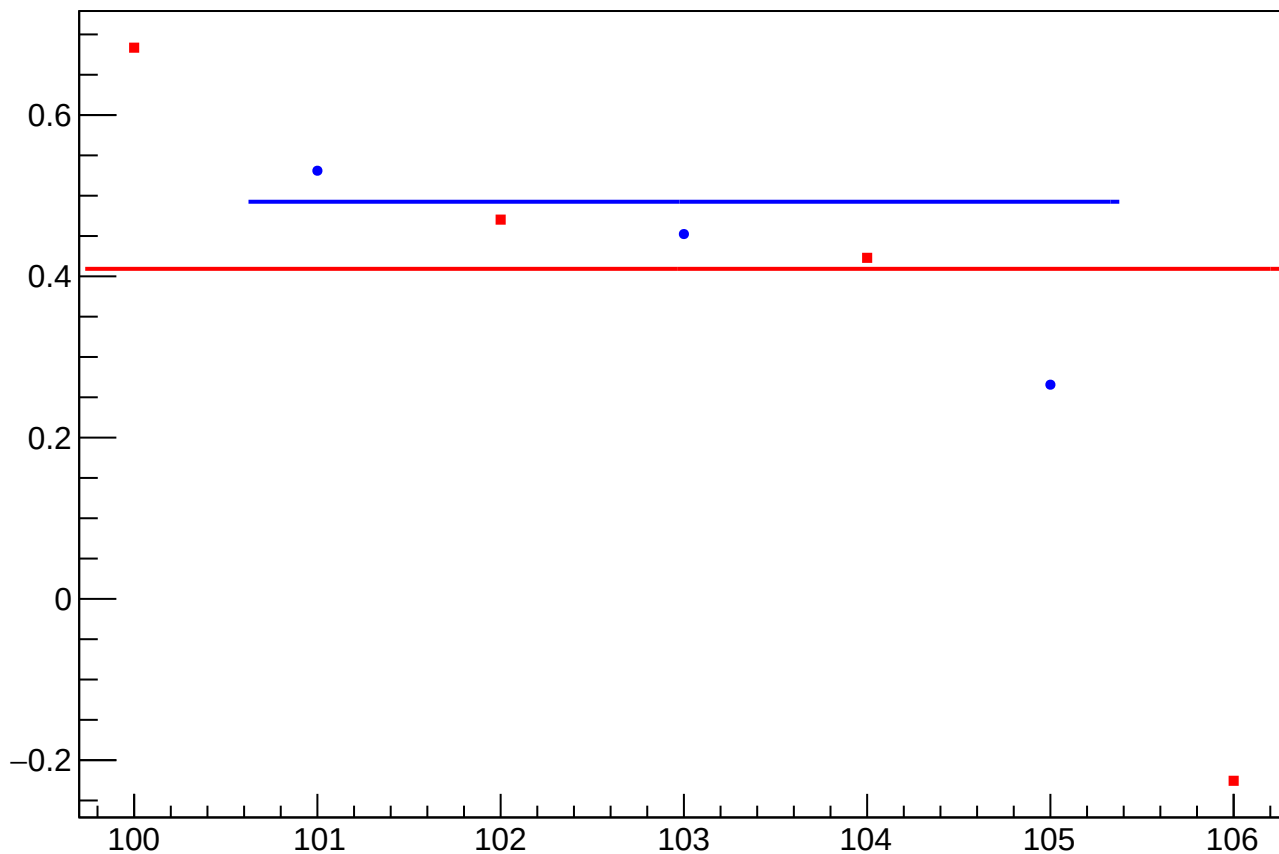
Right Out: 0.005+/-0.000 χ^2/NDF : 9764.3/3

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

0.004+/-0.000 χ^2/NDF : 14838.2/2

0.005+/-0.000 χ^2/NDF : 9764.3/3

yield_bpm0i07Y_mean vs slug



Right In: 0.493+/-0.000 χ^2/NDF : 128733973.1/2

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

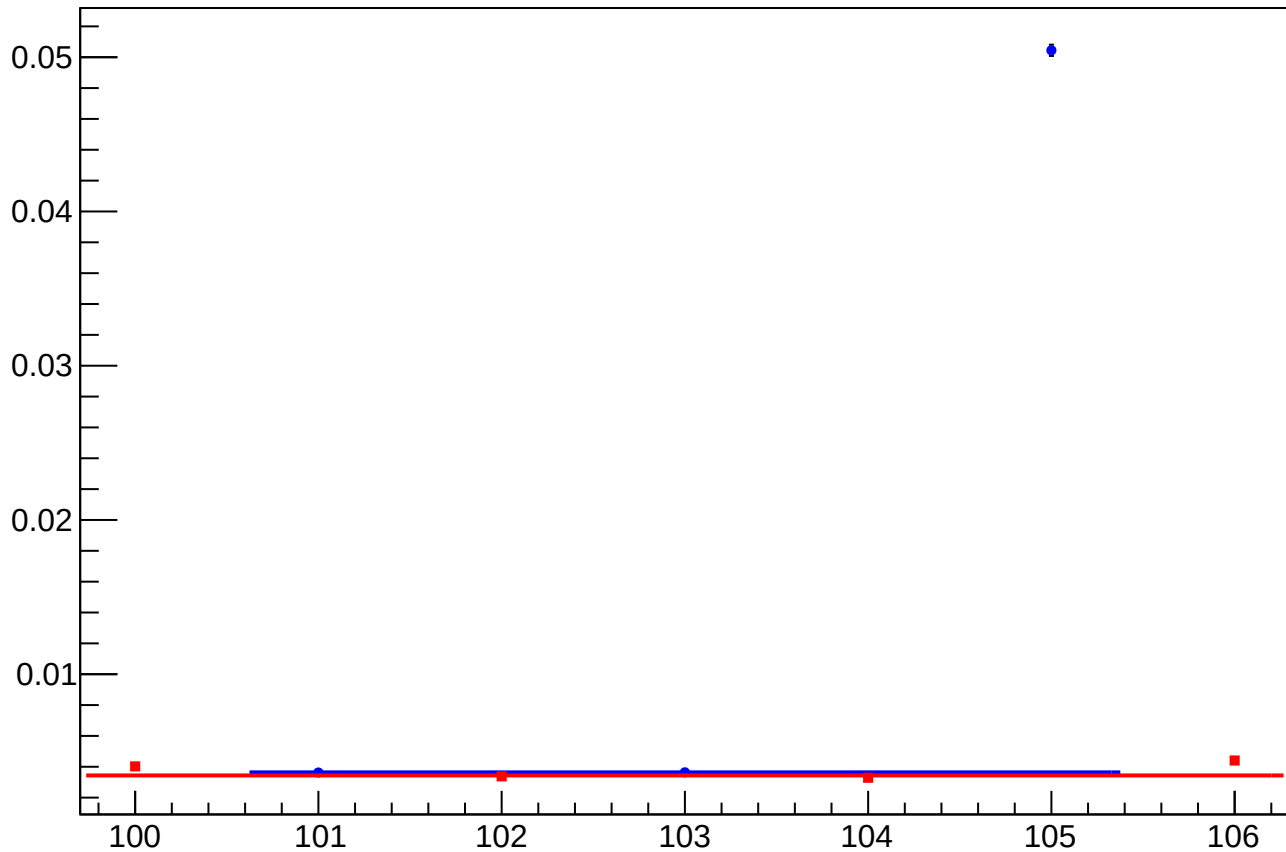
Right Out: 0.409+/-0.000 χ^2/NDF : 3318496494.5/3

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

0.493+/-0.000 χ^2/NDF : 128733973.1/2

0.409+/-0.000 χ^2/NDF : 3318496494.5/3

yield_bpm0i07Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 16410.7/2

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

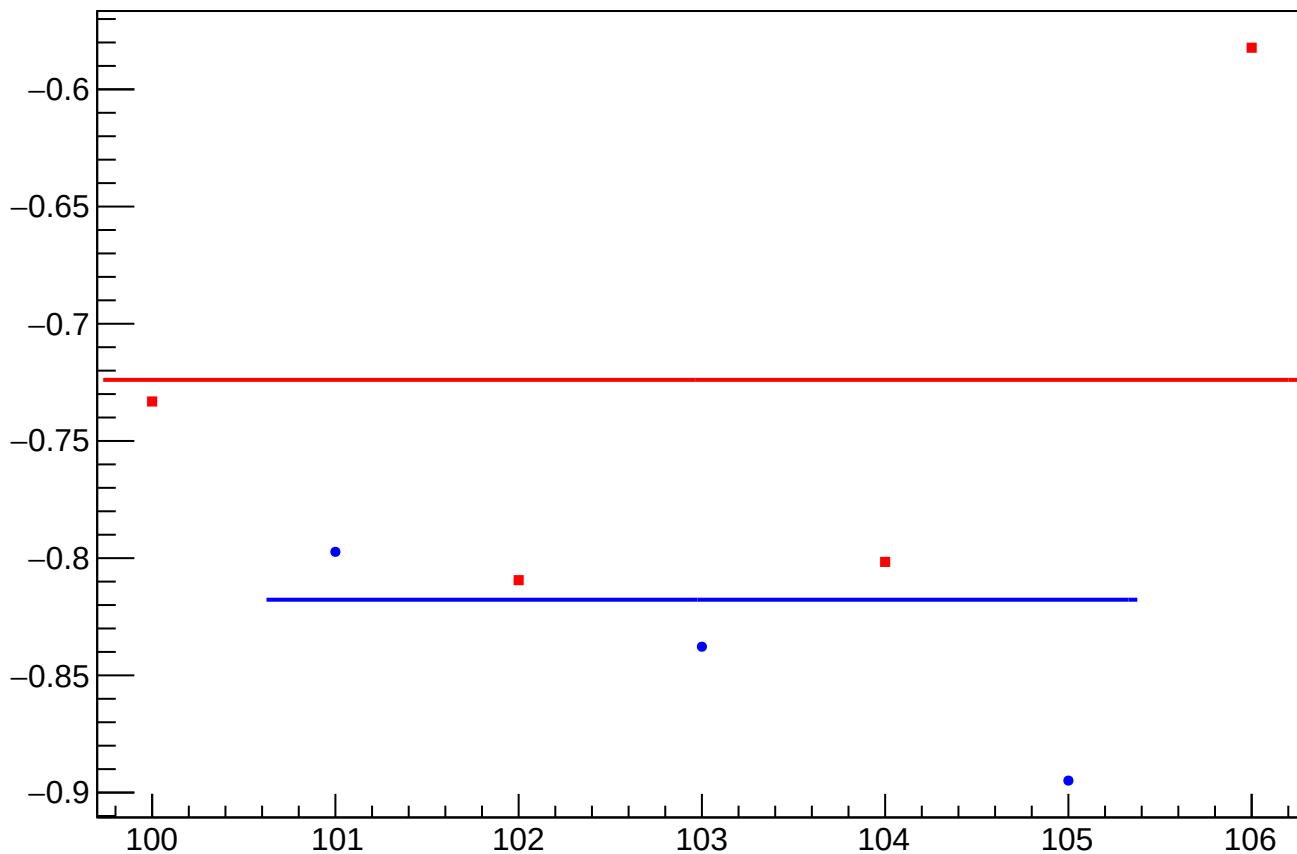
Right Out: 0.003+/-0.000 χ^2/NDF : 18238.9/3

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

0.004+/-0.000 χ^2/NDF : 16410.7/2

0.003+/-0.000 χ^2/NDF : 18238.9/3

yield_bpm1i02X_mean vs slug



Right In: -0.818+/-0.000 χ^2/NDF : 4011431.1/2

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

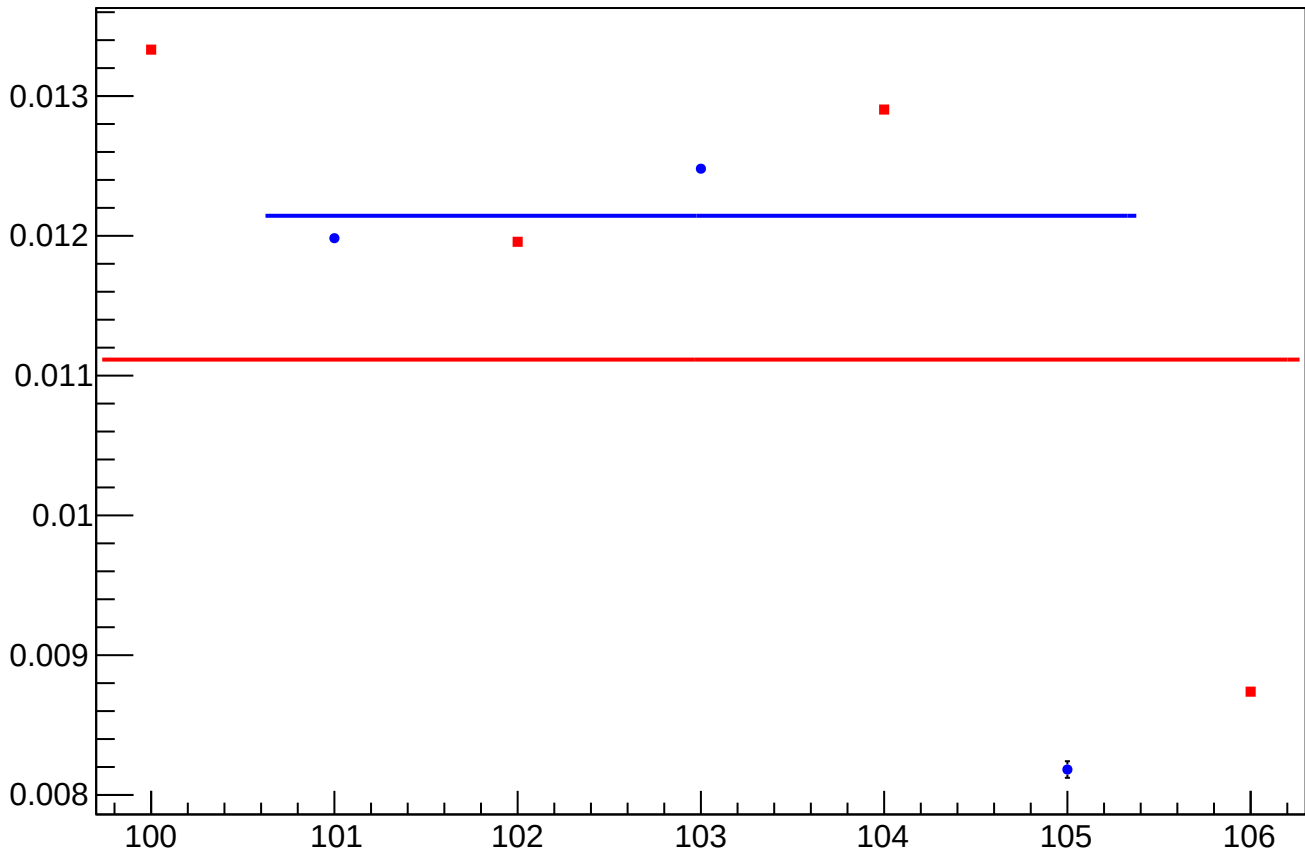
Right Out: -0.724+/-0.000 χ^2/NDF : 124835925.4/3

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

-0.818+/-0.000 χ^2/NDF : 4011431.1/2

-0.724+/-0.000 χ^2/NDF : 124835925.4/3

yield_bpm1i02X_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 5497.4/2

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

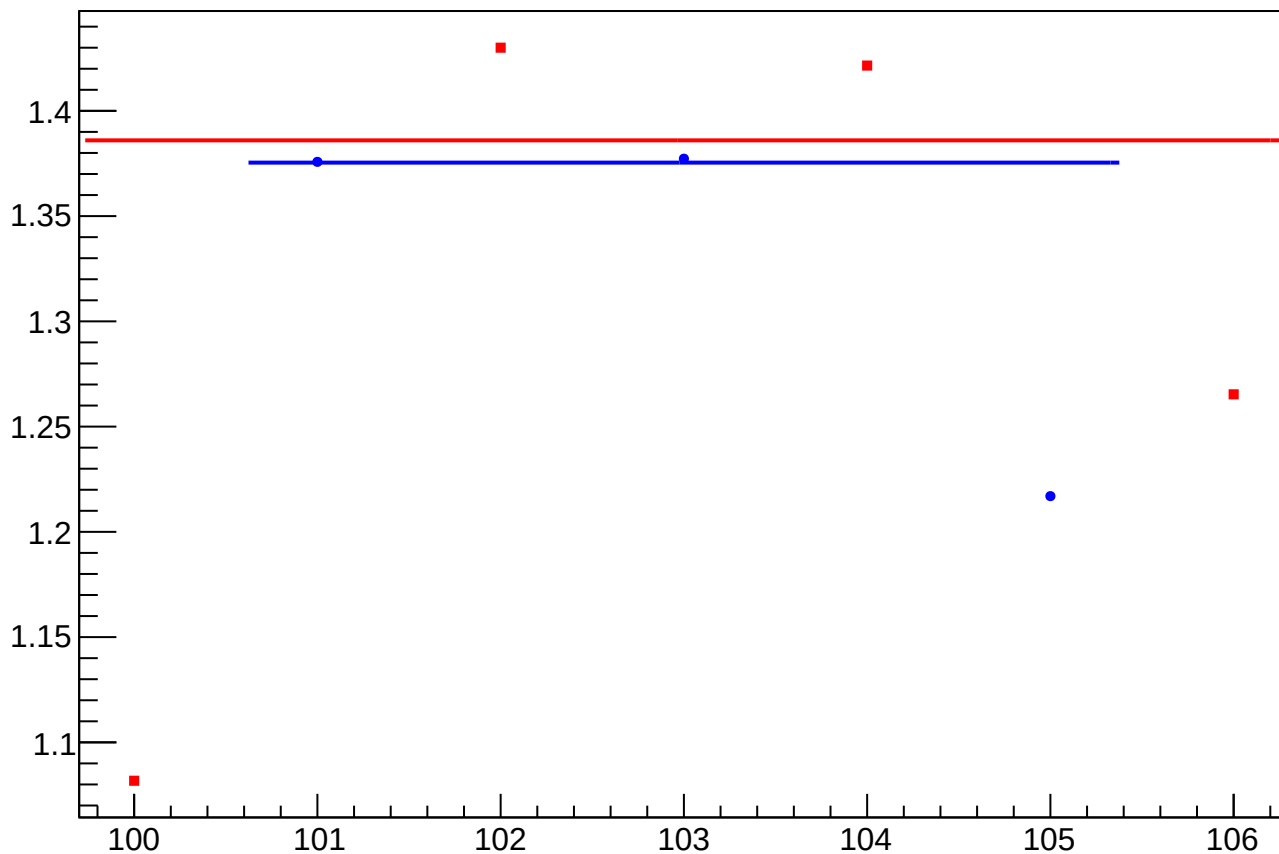
Right Out: 0.011+/-0.000 χ^2/NDF : 72671.8/3

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

0.012+/-0.000 χ^2/NDF : 5497.4/2

0.011+/-0.000 χ^2/NDF : 72671.8/3

yield_bpm1i02Y_mean vs slug



Right In: 1.375+/-0.000 χ^2/NDF : 5642254.3/2

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

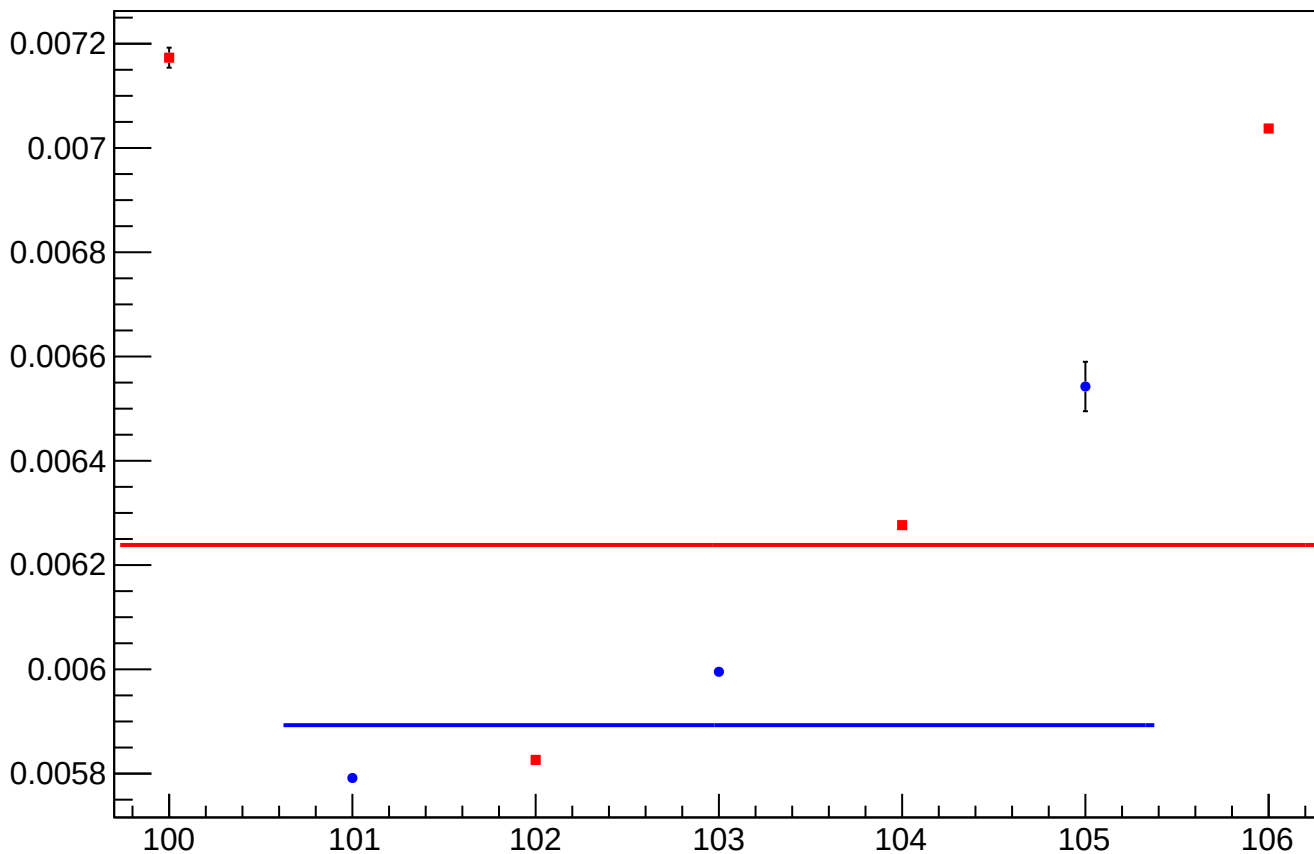
Right Out: 1.386+/-0.000 χ^2/NDF : 259608141.3/3

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

1.375+/-0.000 χ^2/NDF : 5642254.3/2

1.386+/-0.000 χ^2/NDF : 259608141.3/3

yield_bpm1i02Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 867.3/2

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

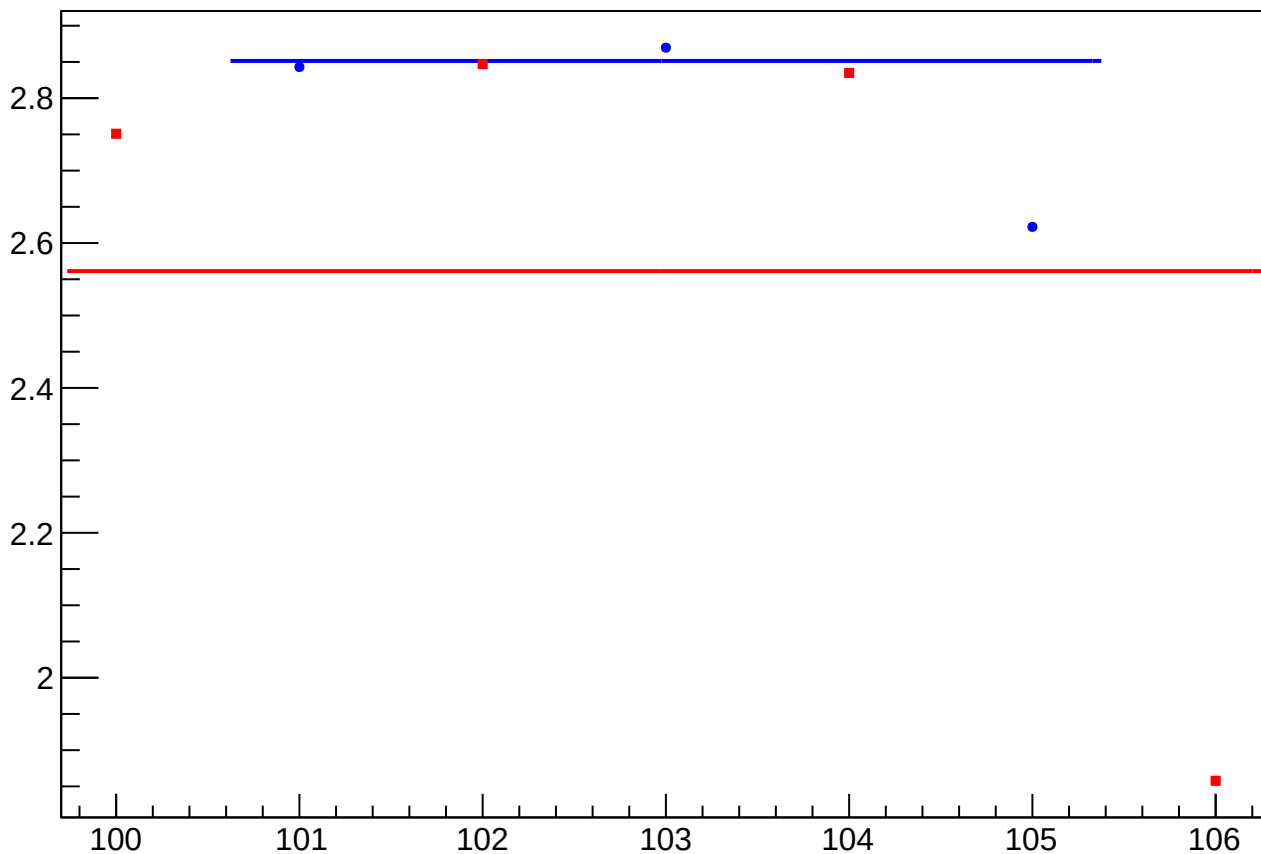
0.006+/-0.000 χ^2/NDF : 867.3/2

Right Out: 0.006+/-0.000 χ^2/NDF : 15499.9/3

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

0.006+/-0.000 χ^2/NDF : 15499.9/3

yield_bpm1i04X_mean vs slug



Right In: 2.851+/-0.000 χ^2/NDF : 19747762.0/2

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

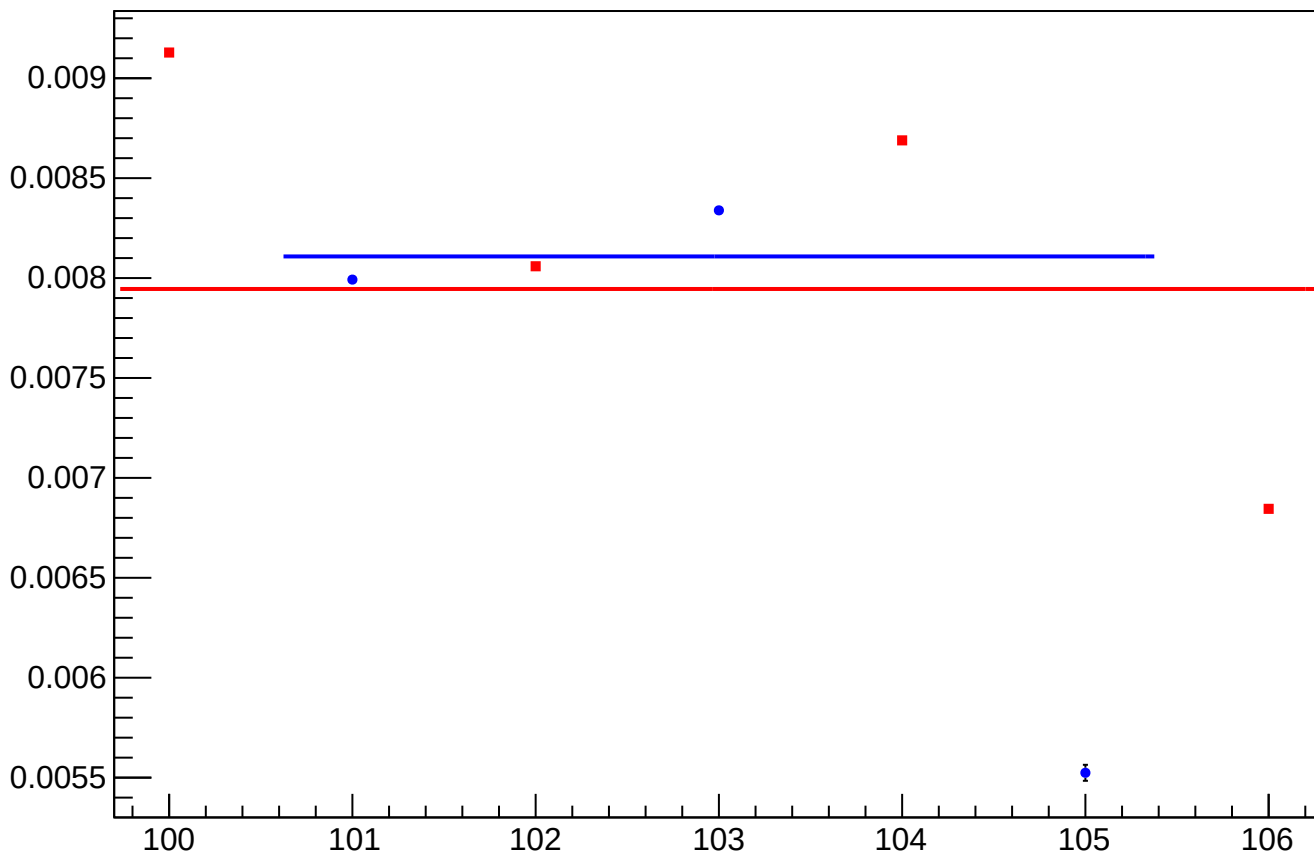
Right Out: 2.561+/-0.000 χ^2/NDF : 4260301499.7/3

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

2.851+/-0.000 χ^2/NDF : 19747762.0/2

2.561+/-0.000 χ^2/NDF : 4260301499.7/3

yield_bpm1i04X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 5280.0/2

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

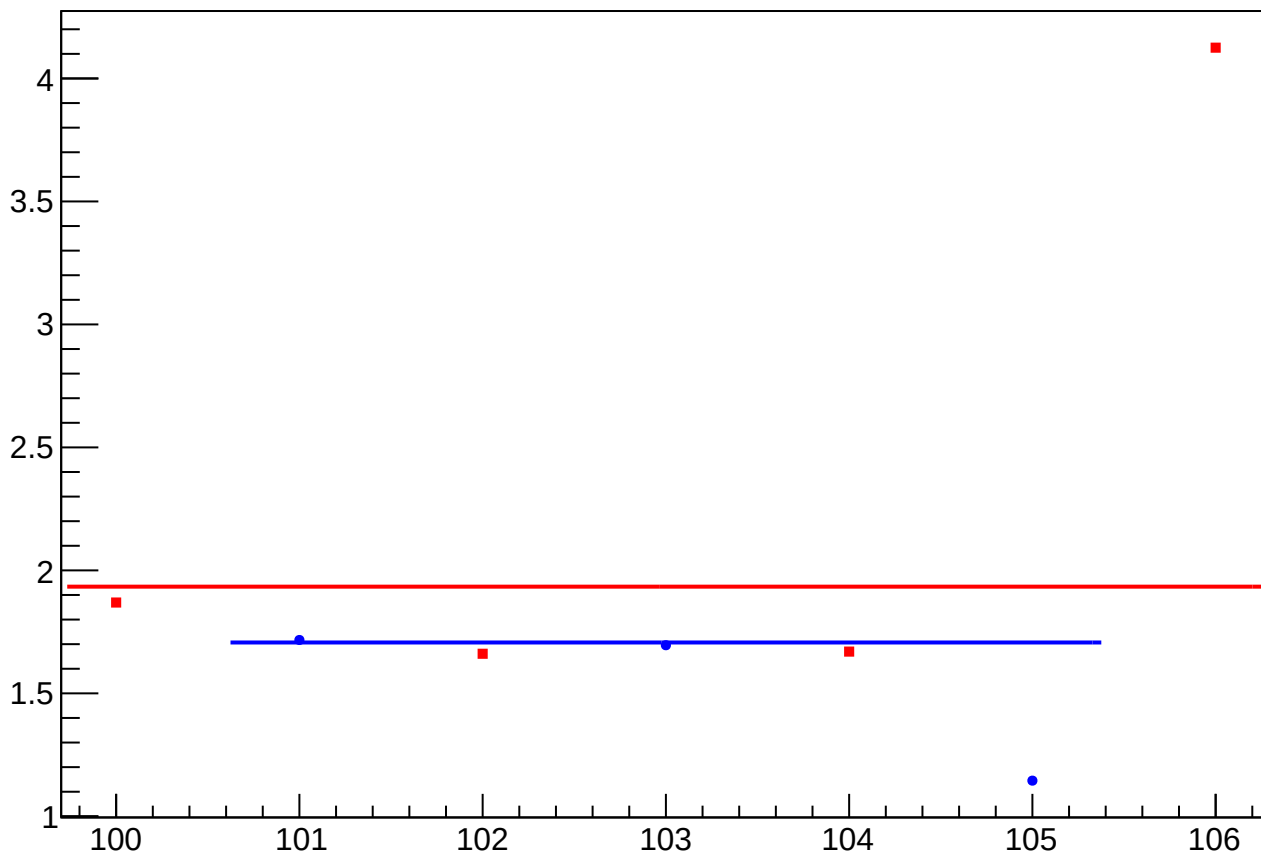
Right Out: 0.008+/-0.000 χ^2/NDF : 24725.7/3

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

0.008+/-0.000 χ^2/NDF : 5280.0/2

0.008+/-0.000 χ^2/NDF : 24725.7/3

yield_bpm1i04Y_mean vs slug



Right In: 1.707 $\pm$ 0.000 χ^2 /NDF: 5442460.2/2

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

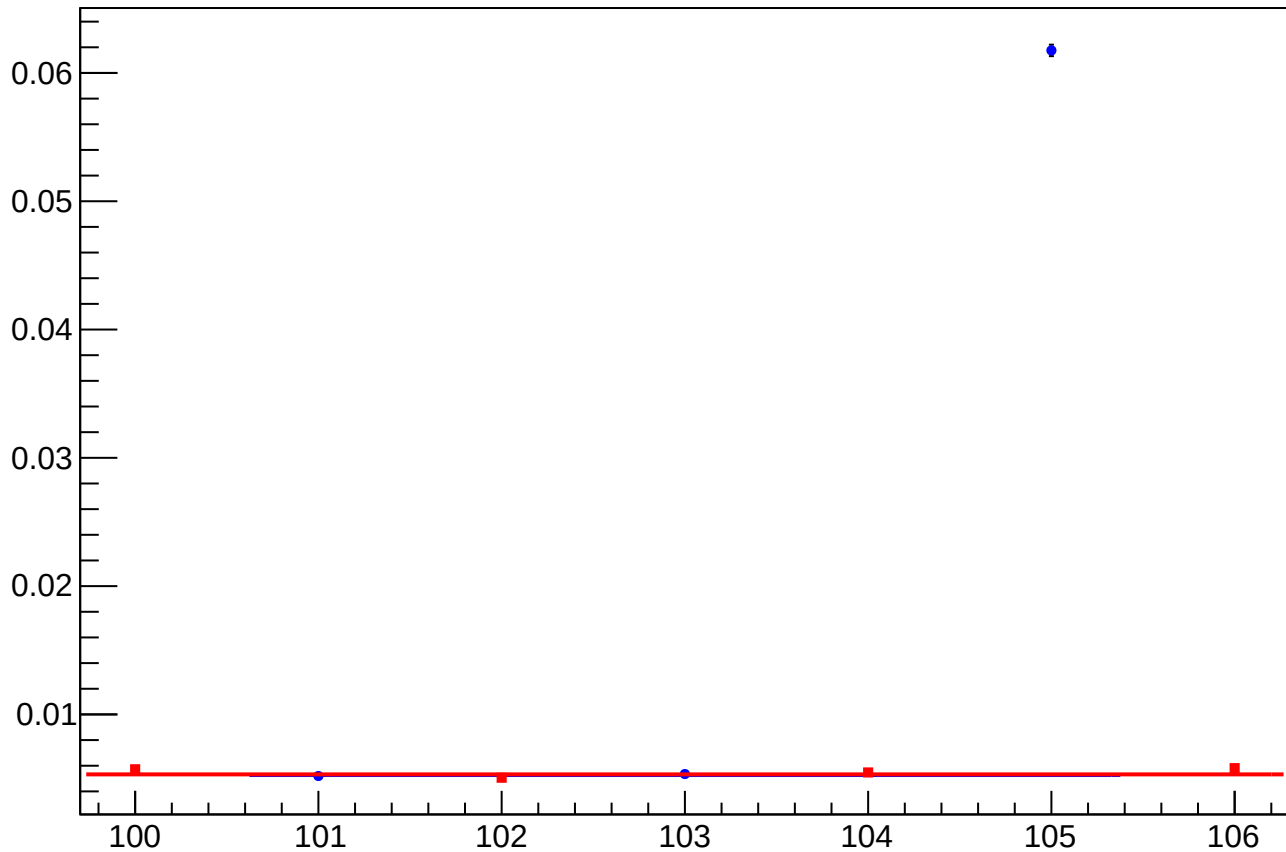
Right Out: 1.934 $\pm$ 0.000 χ^2 /NDF: 25171171540.4/3

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

1.707 $\pm$ 0.000 χ^2 /NDF: 5442460.2/2

1.934 $\pm$ 0.000 χ^2 /NDF: 25171171540.4/3

yield_bpm1i04Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 16422.2/2

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

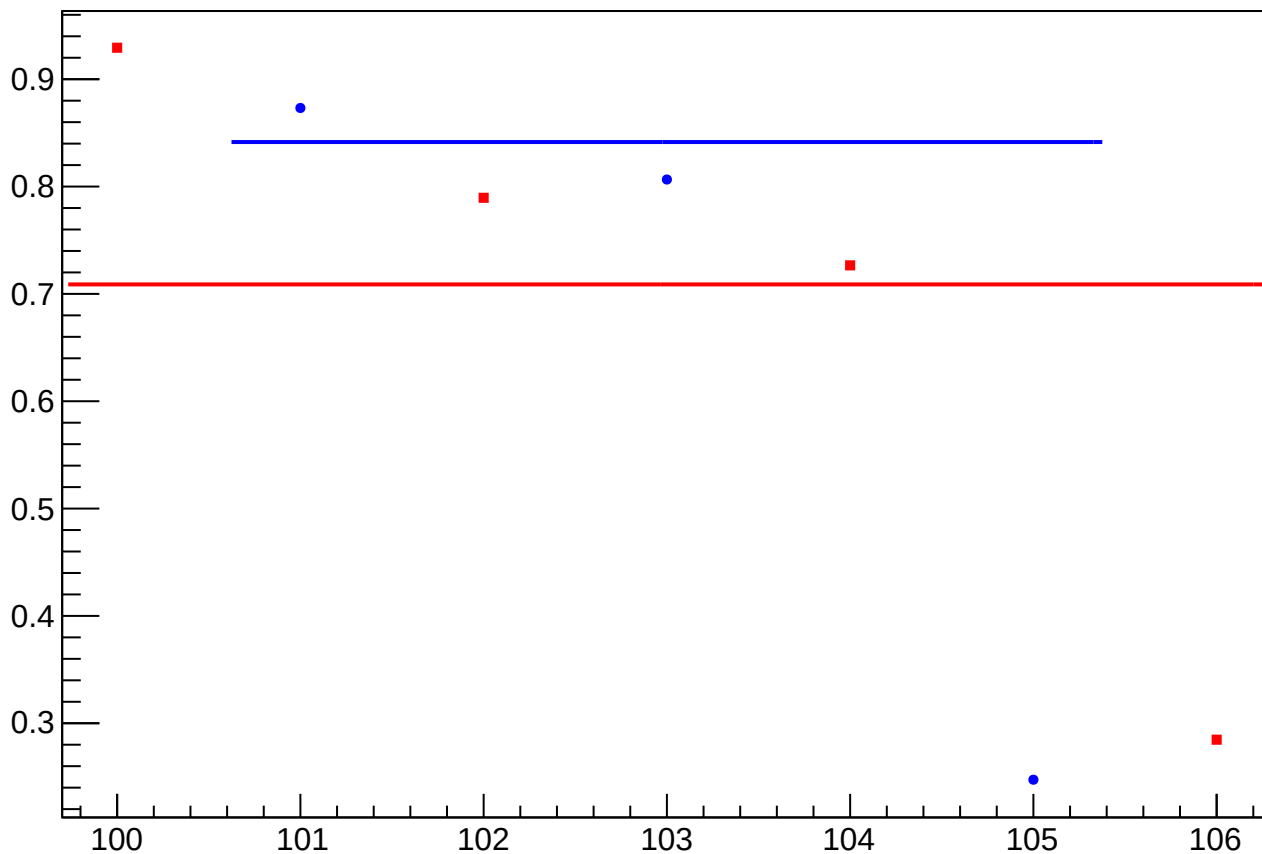
Right Out: 0.005+/-0.000 χ^2/NDF : 6535.2/3

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

0.005+/-0.000 χ^2/NDF : 16422.2/2

0.005+/-0.000 χ^2/NDF : 6535.2/3

yield_bpm1i06X_mean vs slug



Right In: 0.841+/-0.000 χ^2/NDF : 6129297.7/2

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

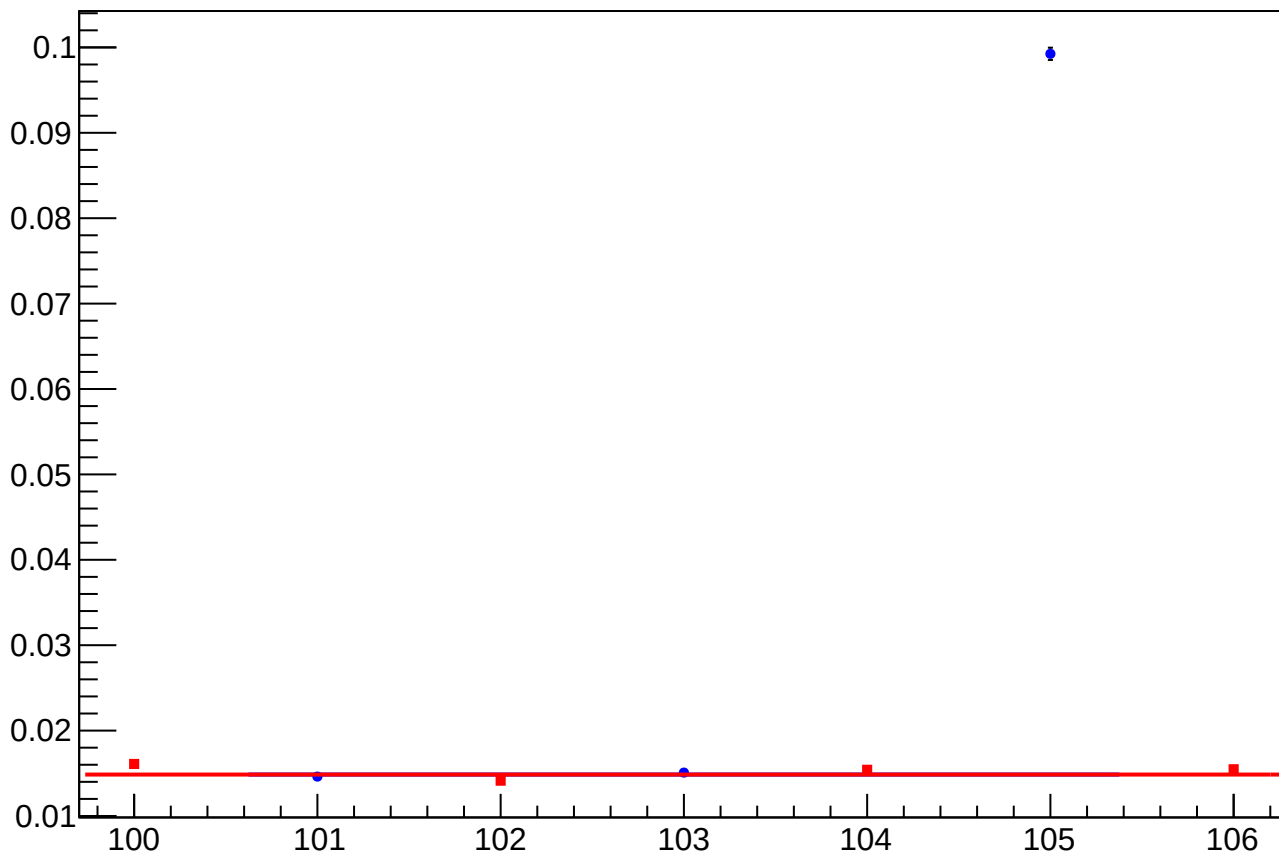
Right Out: 0.709+/-0.000 χ^2/NDF : 166163855.2/3

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

0.841+/-0.000 χ^2/NDF : 6129297.7/2

0.709+/-0.000 χ^2/NDF : 166163855.2/3

yield_bpm1i06X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 14349.6/2

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

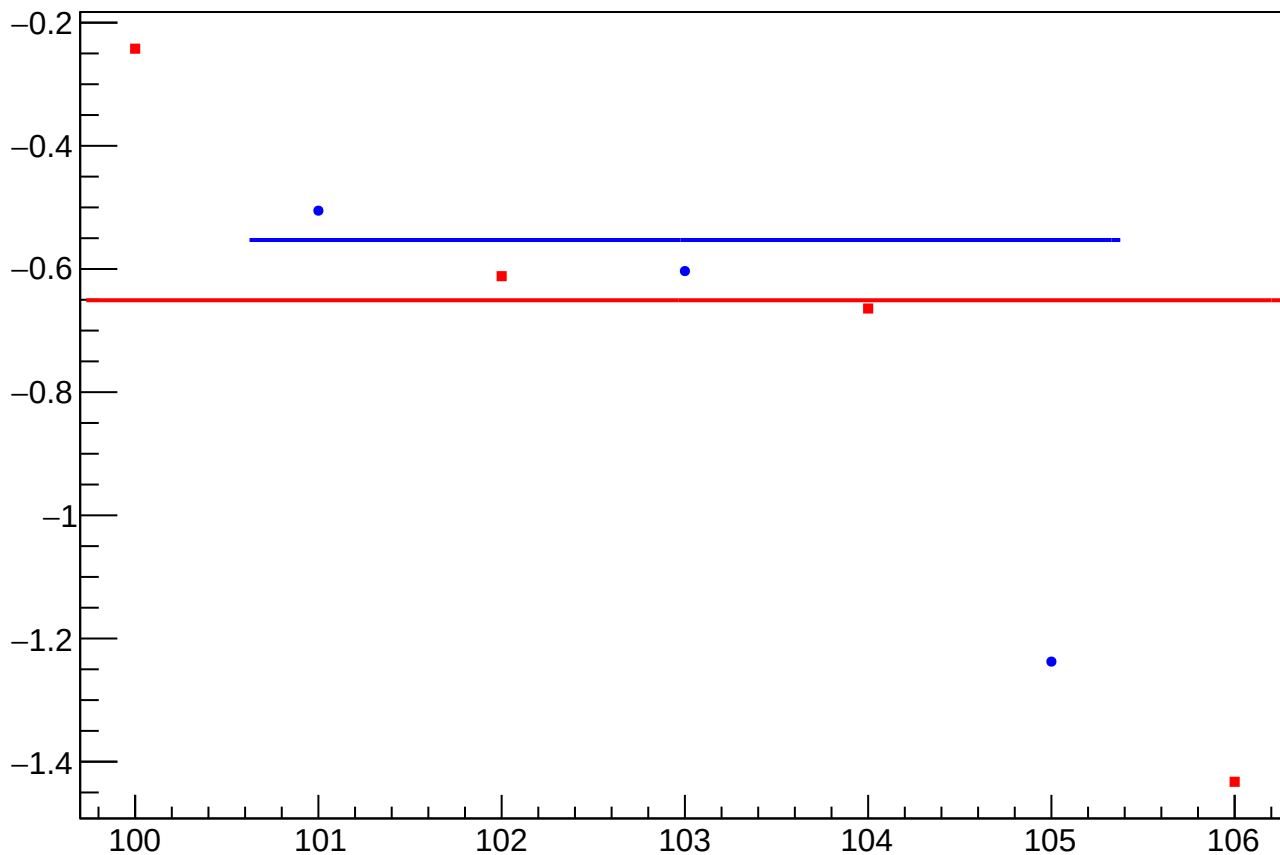
Right Out: 0.015+/-0.000 χ^2/NDF : 5521.3/3

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

0.015+/-0.000 χ^2/NDF : 14349.6/2

0.015+/-0.000 χ^2/NDF : 5521.3/3

yield_bpm1i06Y_mean vs slug



Right In: -0.553+/-0.000 χ^2/NDF : 169415062.5/2

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

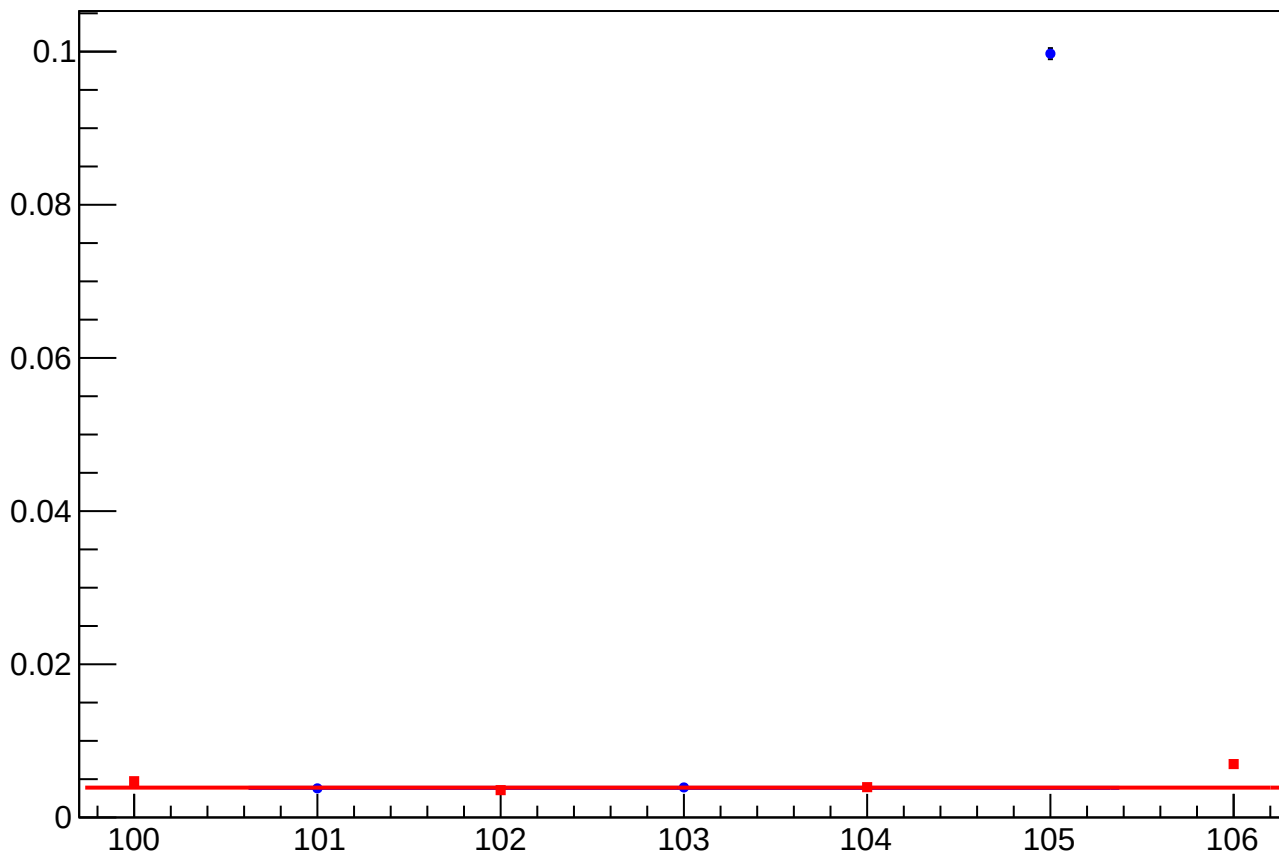
Right Out: -0.651+/-0.000 χ^2/NDF : 2389290774.2/3

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

-0.553+/-0.000 χ^2/NDF : 169415062.5/2

-0.651+/-0.000 χ^2/NDF : 2389290774.2/3

yield_bpm1i06Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 18098.9/2

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

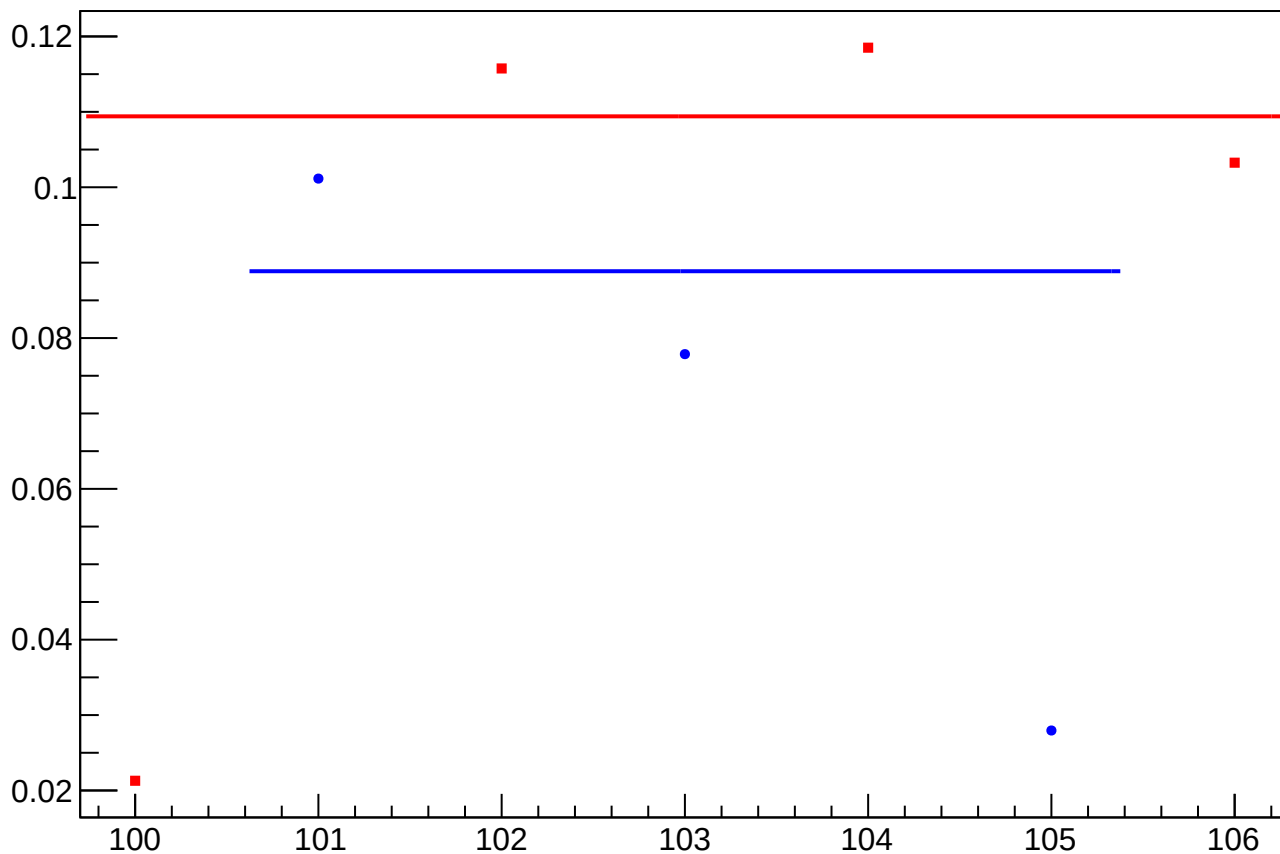
Right Out: 0.004+/-0.000 χ^2/NDF : 70254.5/3

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

0.004+/-0.000 χ^2/NDF : 18098.9/2

0.004+/-0.000 χ^2/NDF : 70254.5/3

yield_bpm2i01X_mean vs slug



Right In: 0.089 $\pm$ 0.000 χ^2 /NDF: 75767016.1/2

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

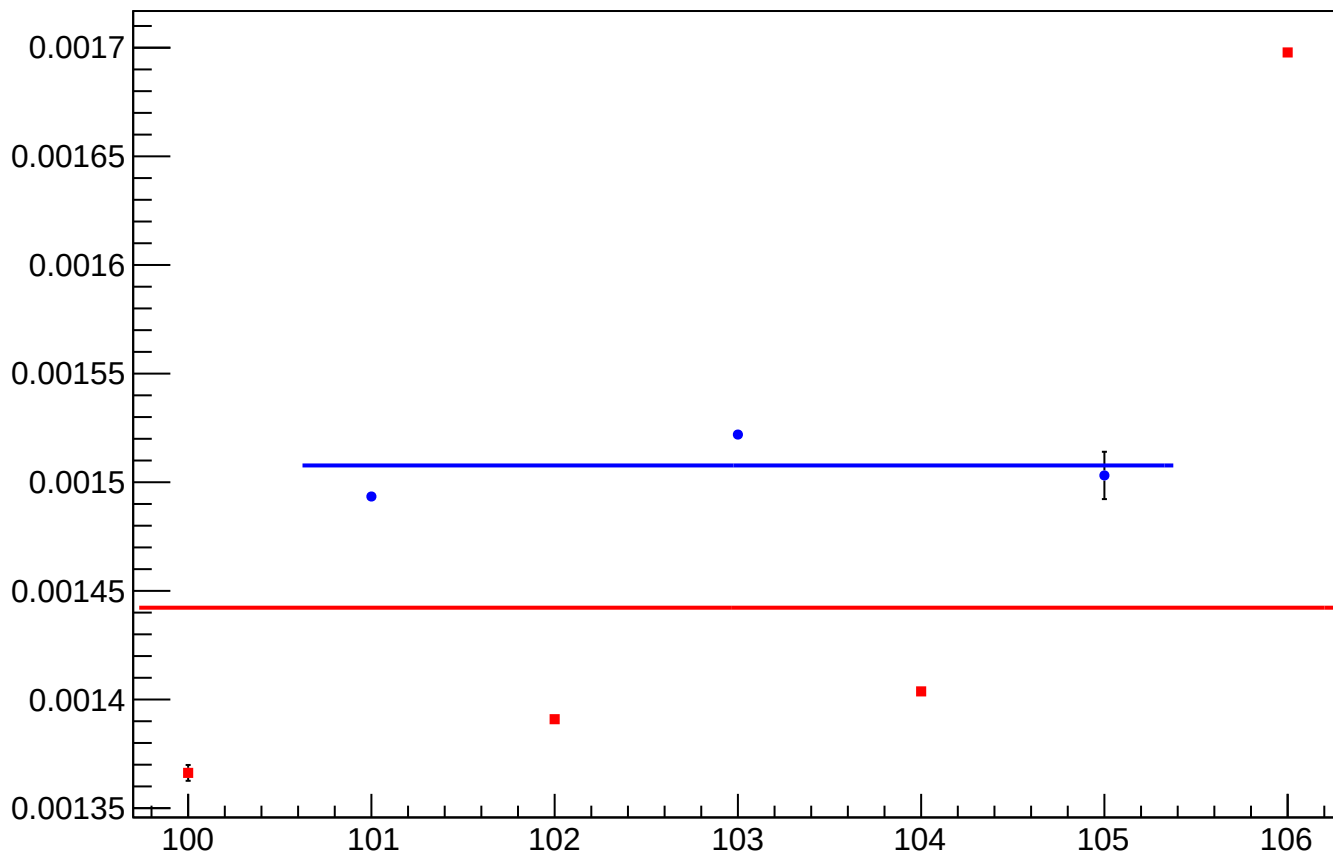
Right Out: 0.109 $\pm$ 0.000 χ^2 /NDF: 327811313.9/3

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

0.089 $\pm$ 0.000 χ^2 /NDF: 75767016.1/2

0.109 $\pm$ 0.000 χ^2 /NDF: 327811313.9/3

yield_bpm2i01X_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 180.1/2

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

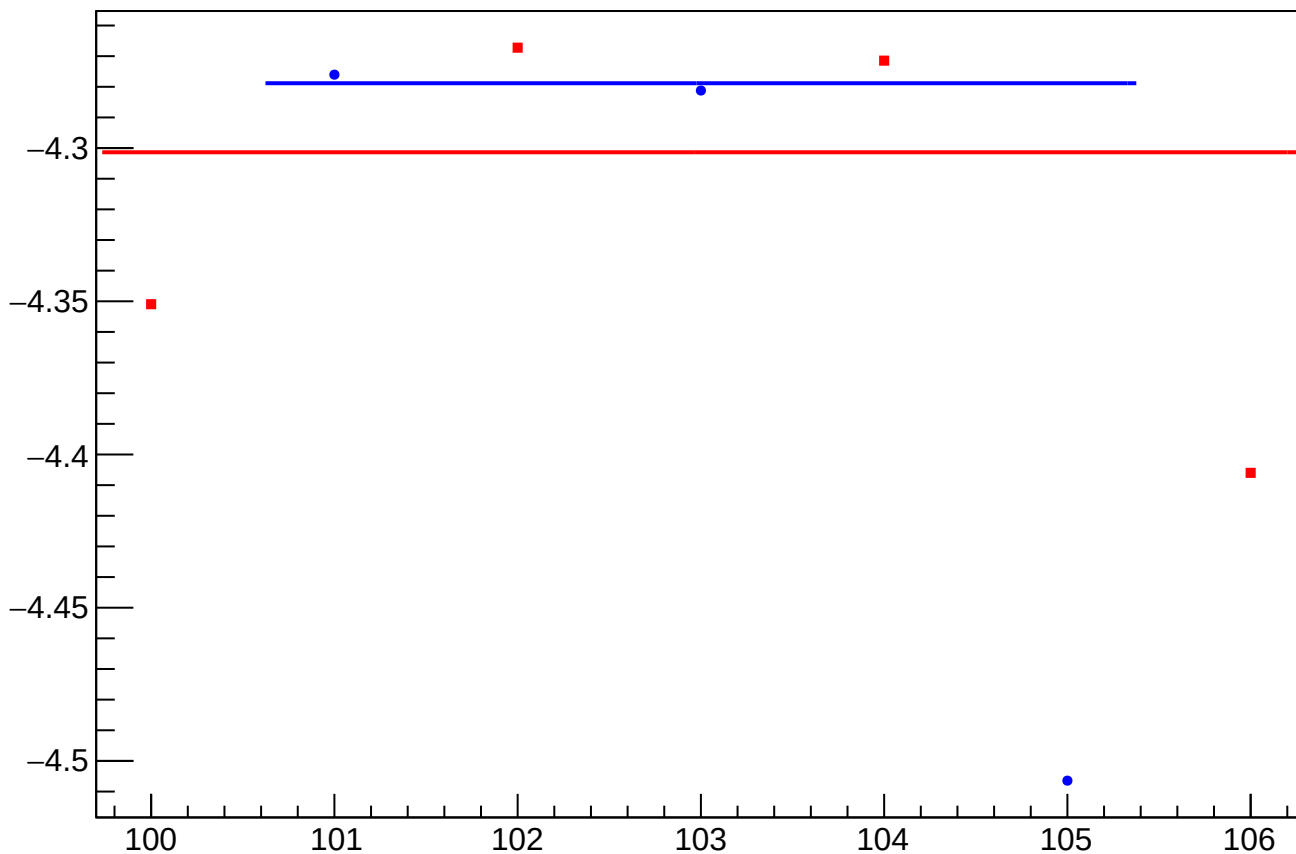
Right Out: 0.001+/-0.000 χ^2/NDF : 16074.3/3

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

0.002+/-0.000 χ^2/NDF : 180.1/2

0.001+/-0.000 χ^2/NDF : 16074.3/3

yield_bpm2i01Y_mean vs slug



Right In: -4.279+/-0.000 χ^2/NDF : 24182562.2/2

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

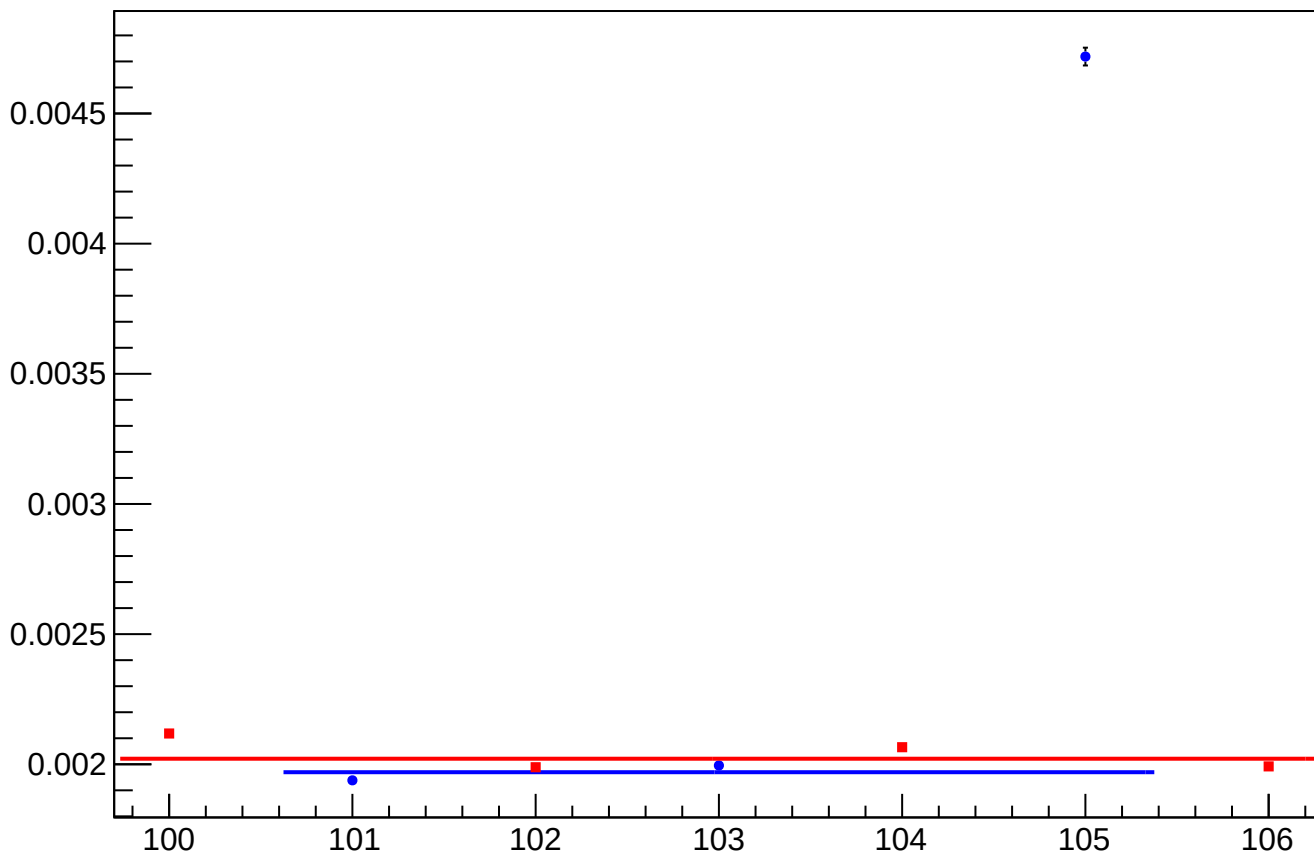
Right Out: -4.301+/-0.000 χ^2/NDF : 1072822389.3/3

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

-4.279+/-0.000 χ^2/NDF : 24182562.2/2

-4.301+/-0.000 χ^2/NDF : 1072822389.3/3

yield_bpm2i01Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 6958.7/2

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

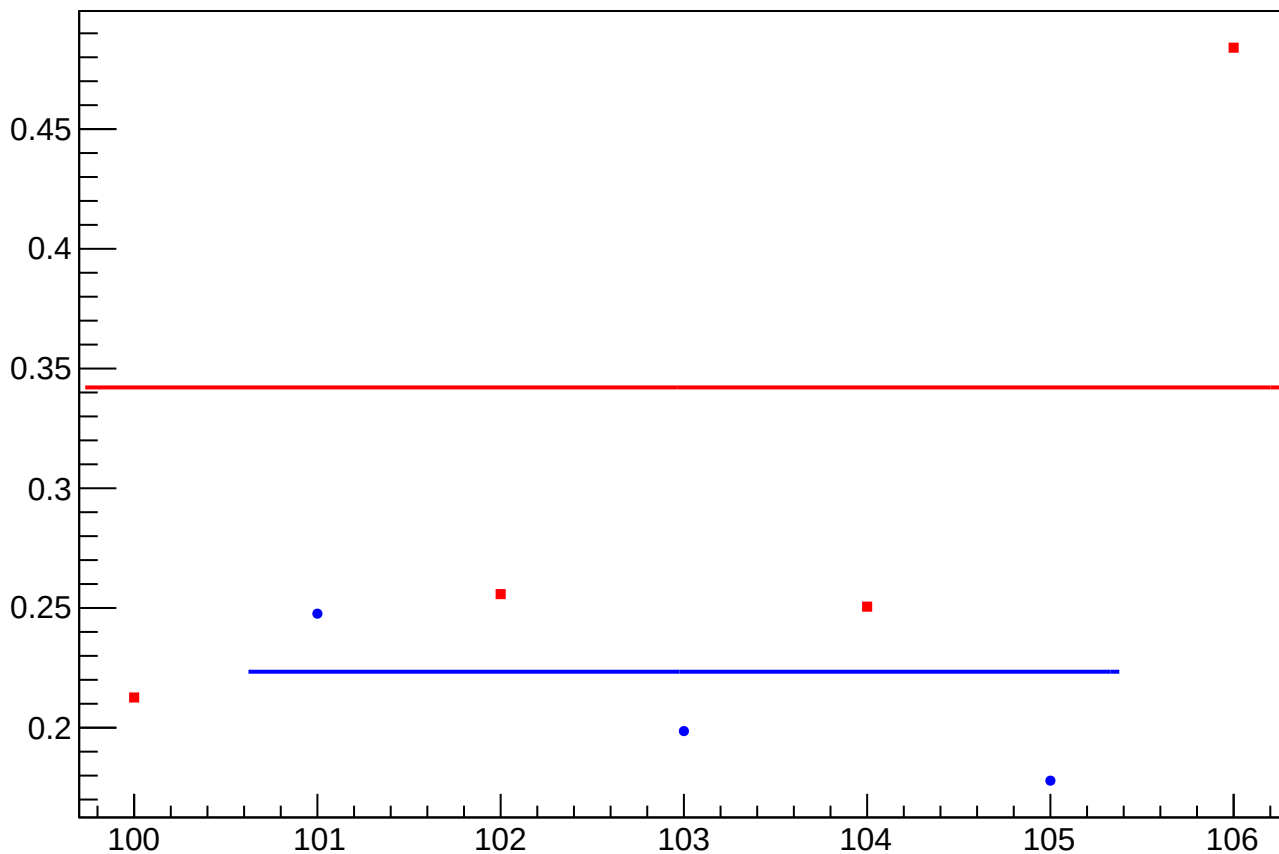
Right Out: 0.002+/-0.000 χ^2/NDF : 1160.8/3

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

0.002+/-0.000 χ^2/NDF : 6958.7/2

0.002+/-0.000 χ^2/NDF : 1160.8/3

yield_bpm2i02X_mean vs slug



Right In: 0.223+/-0.000 χ^2/NDF : 9418459.6/2

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

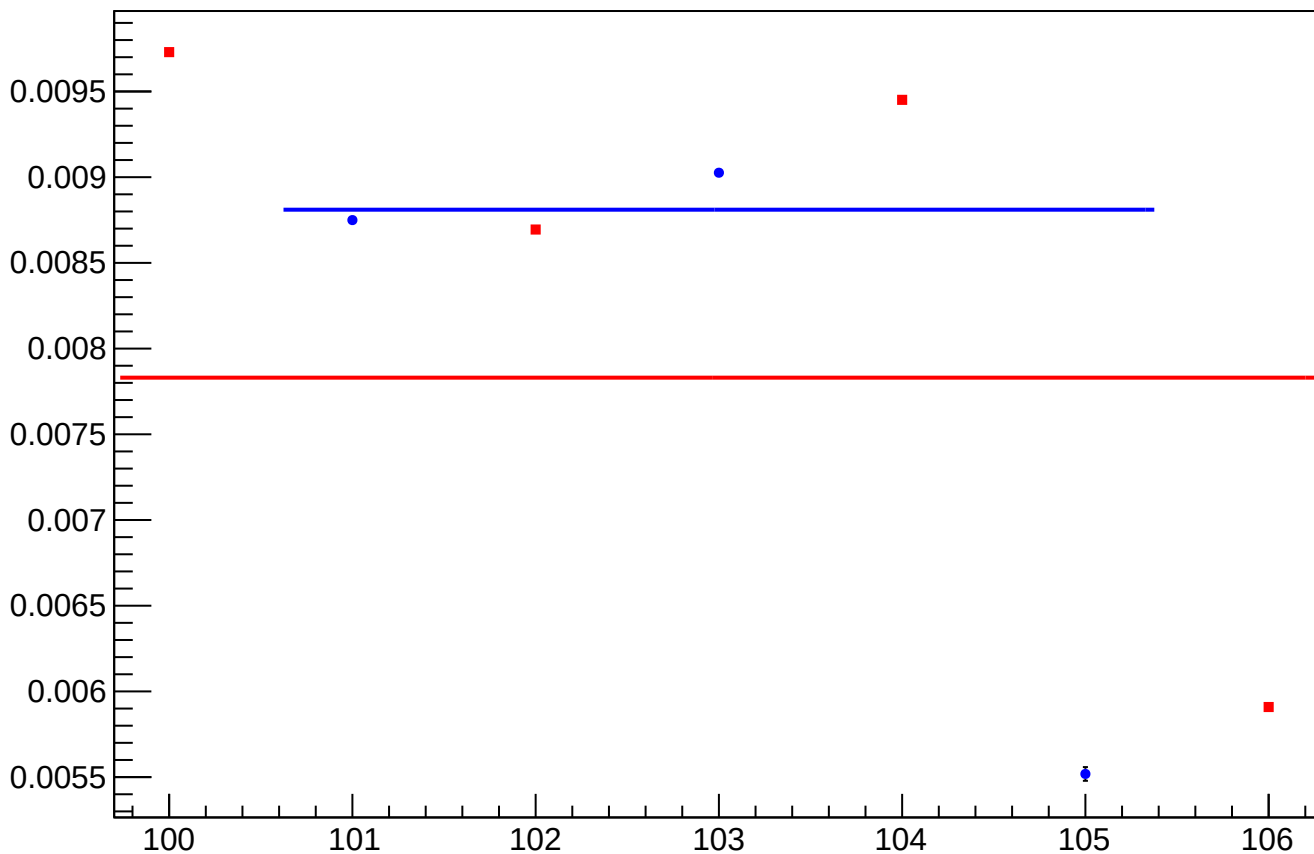
Right Out: 0.342+/-0.000 χ^2/NDF : 286065580.9/3

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

0.223+/-0.000 χ^2/NDF : 9418459.6/2

0.342+/-0.000 χ^2/NDF : 286065580.9/3

yield_bpm2i02X_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 7479.4/2

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

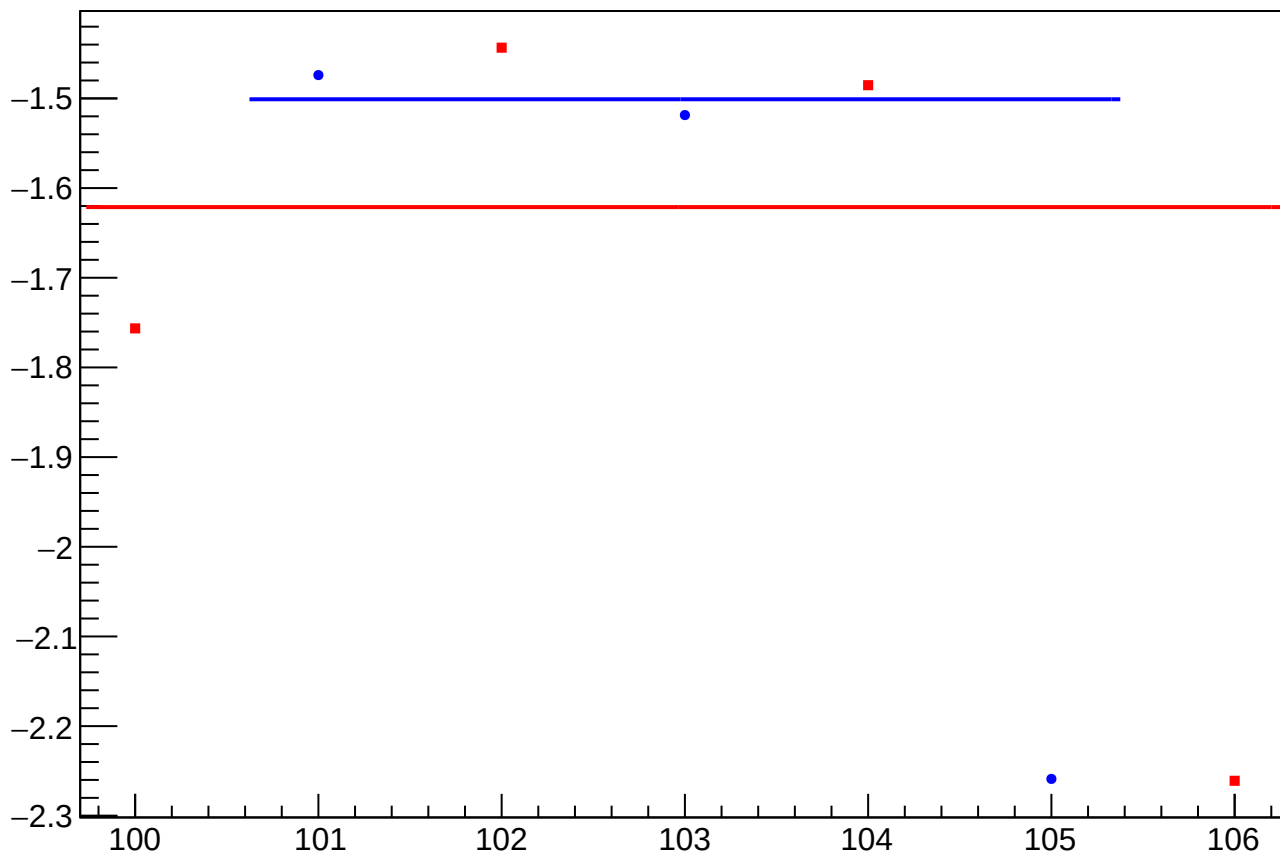
Right Out: 0.008+/-0.000 χ^2/NDF : 108744.0/3

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

0.009+/-0.000 χ^2/NDF : 7479.4/2

0.008+/-0.000 χ^2/NDF : 108744.0/3

yield_bpm2i02Y_mean vs slug



Right In: -1.501+/-0.000 χ^2/NDF : 178392922.7/2

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

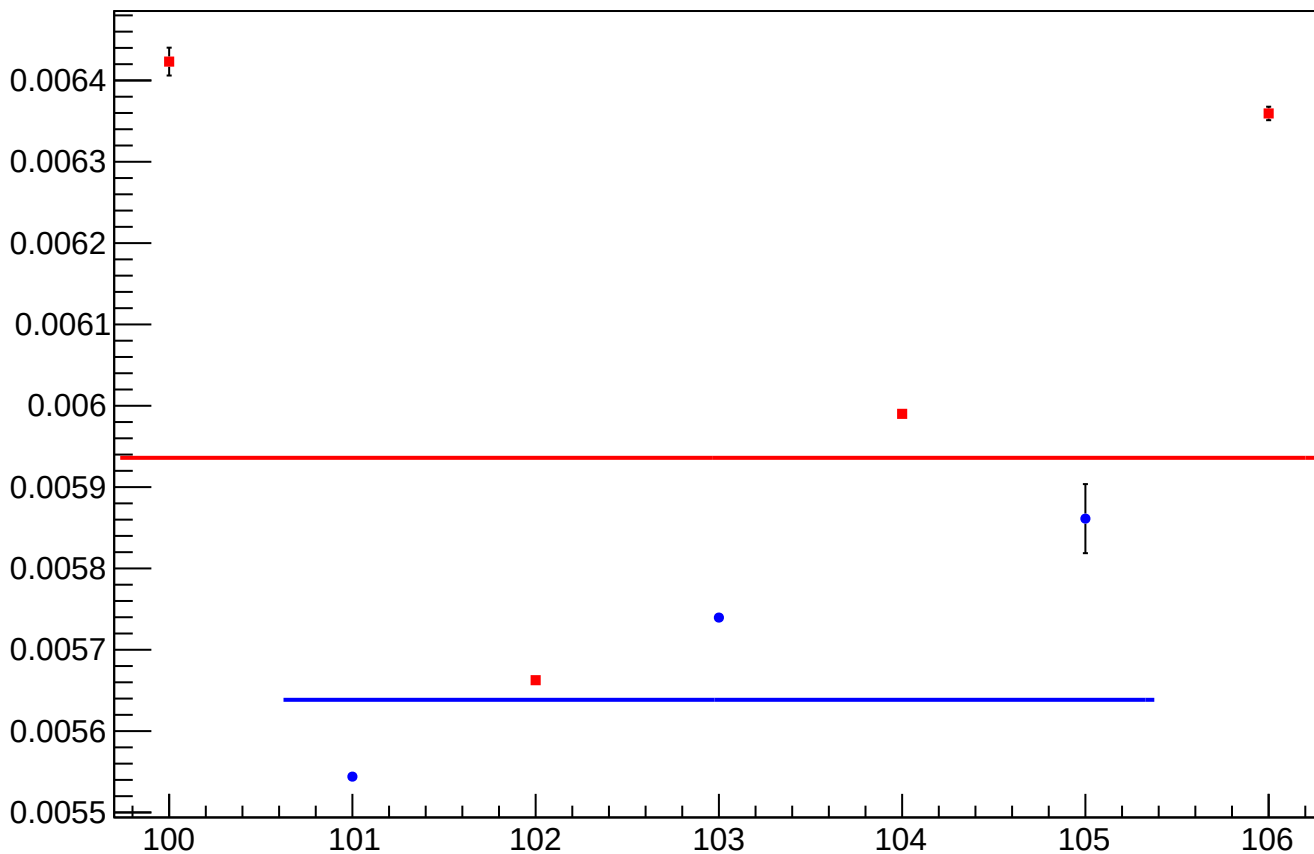
Right Out: -1.621+/-0.000 χ^2/NDF : 3801415580.2/3

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

-1.501+/-0.000 χ^2/NDF : 178392922.7/2

-1.621+/-0.000 χ^2/NDF : 3801415580.2/3

yield_bpm2i02Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 716.7/2

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

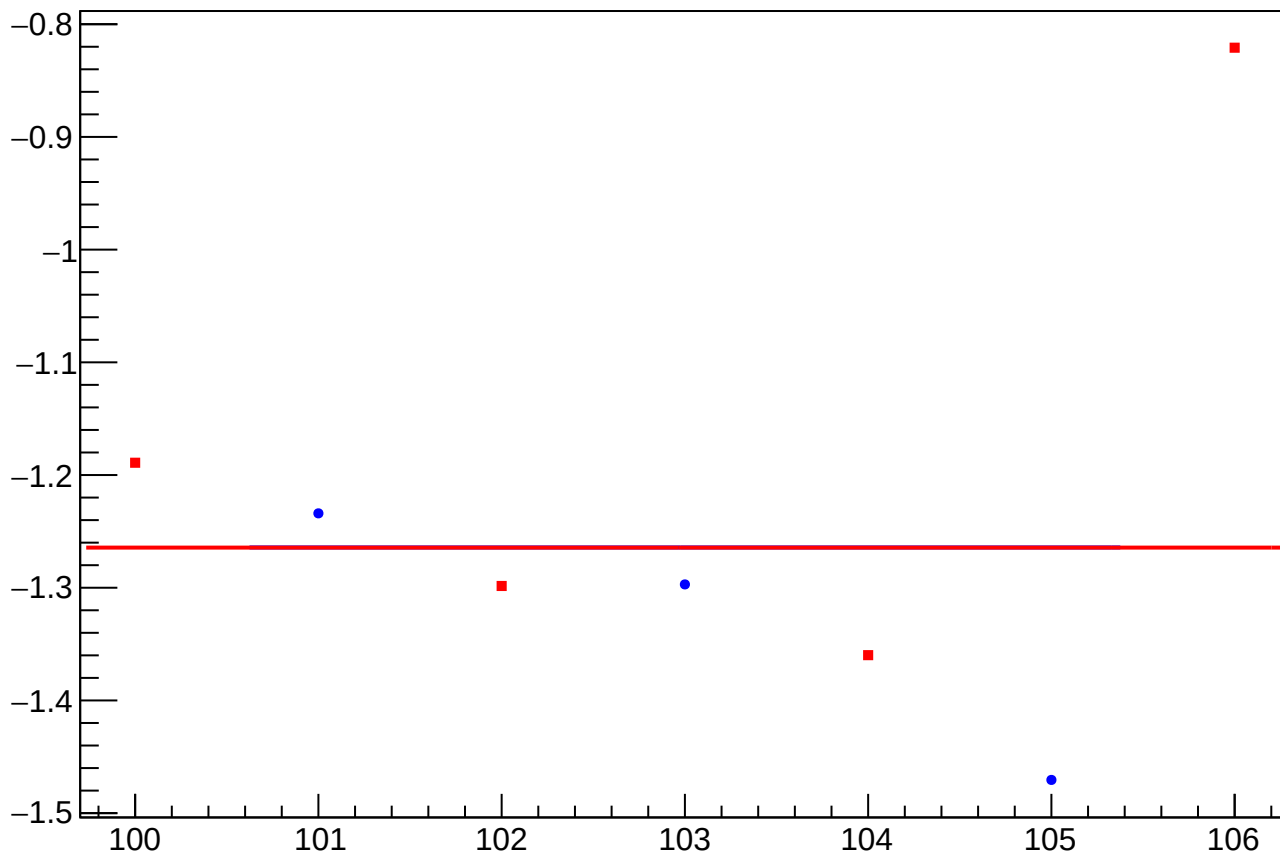
Right Out: 0.006+/-0.000 χ^2/NDF : 6043.9/3

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

0.006+/-0.000 χ^2/NDF : 716.7/2

0.006+/-0.000 χ^2/NDF : 6043.9/3

yield_bpm0i01X_mean vs slug



Right In: -1.264+/-0.000 χ^2/NDF : 10913371.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

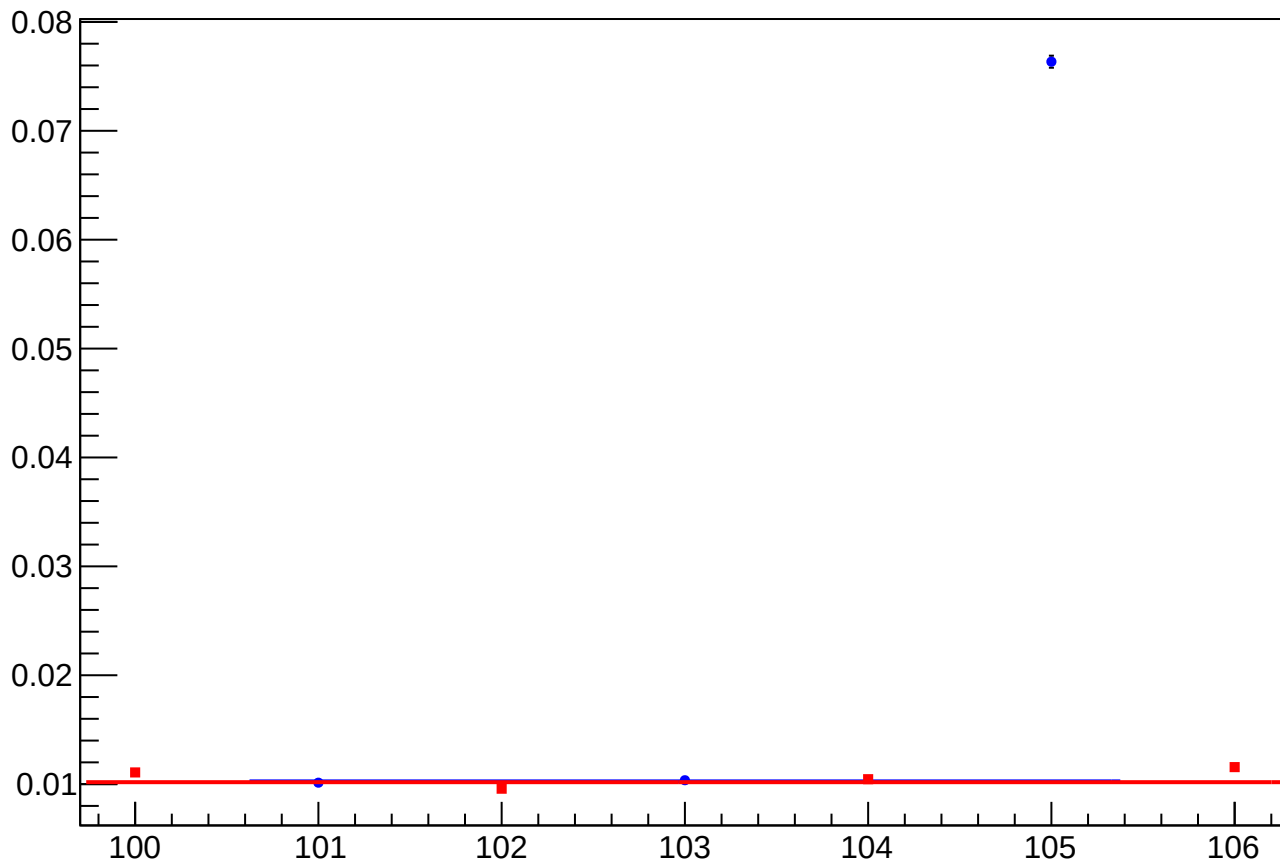
Right Out: -1.264+/-0.000 χ^2/NDF : 310969309.4/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.264+/-0.000 χ^2/NDF : 10913371.3/2

-1.264+/-0.000 χ^2/NDF : 310969309.4/3

yield_bpm0i01X_rms vs slug



Right In: 0.010+/-0.000 χ^2/NDF : 14555.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

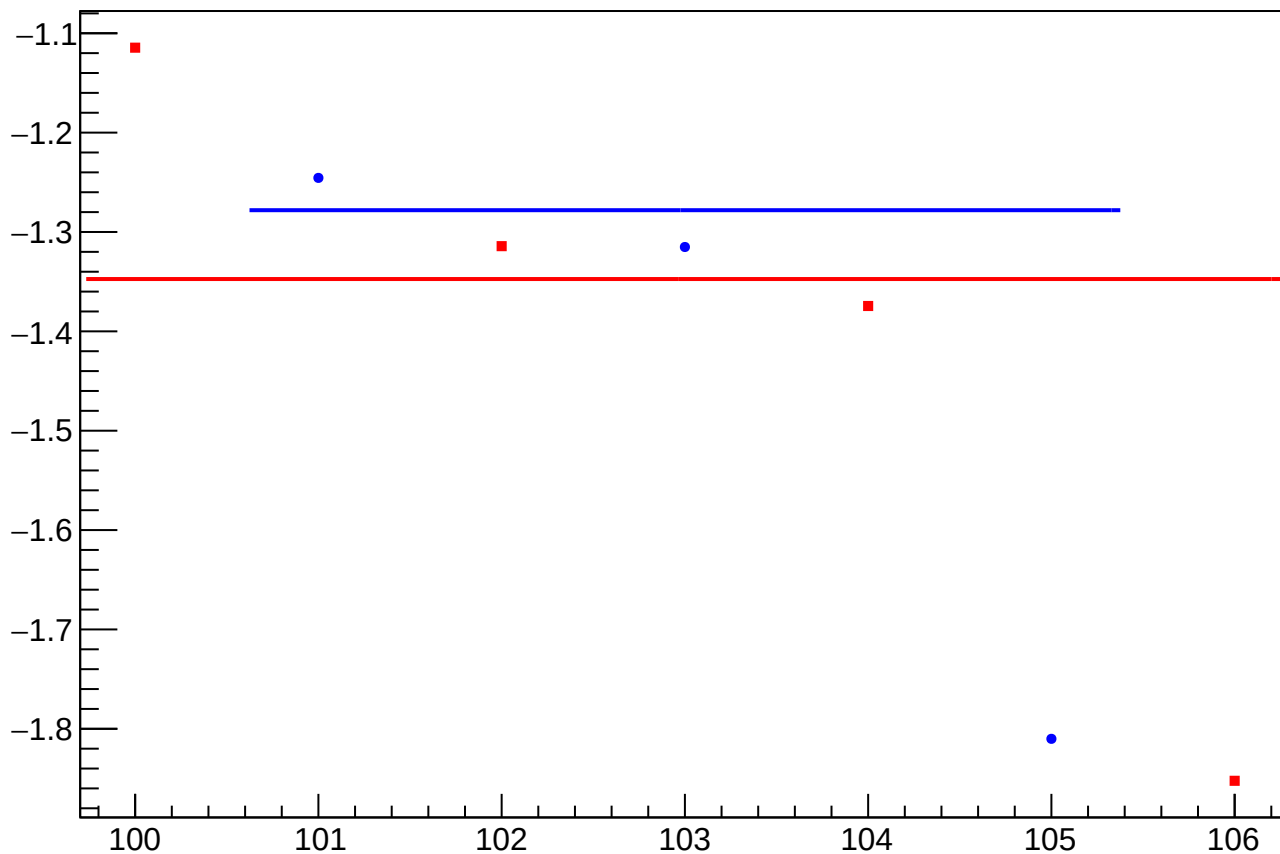
Right Out: 0.010+/-0.000 χ^2/NDF : 10915.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 14555.8/2

0.010+/-0.000 χ^2/NDF : 10915.9/3

yield_bpm0i01Y_mean vs slug



Right In: -1.278+/-0.000 χ^2/NDF : 421900121.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

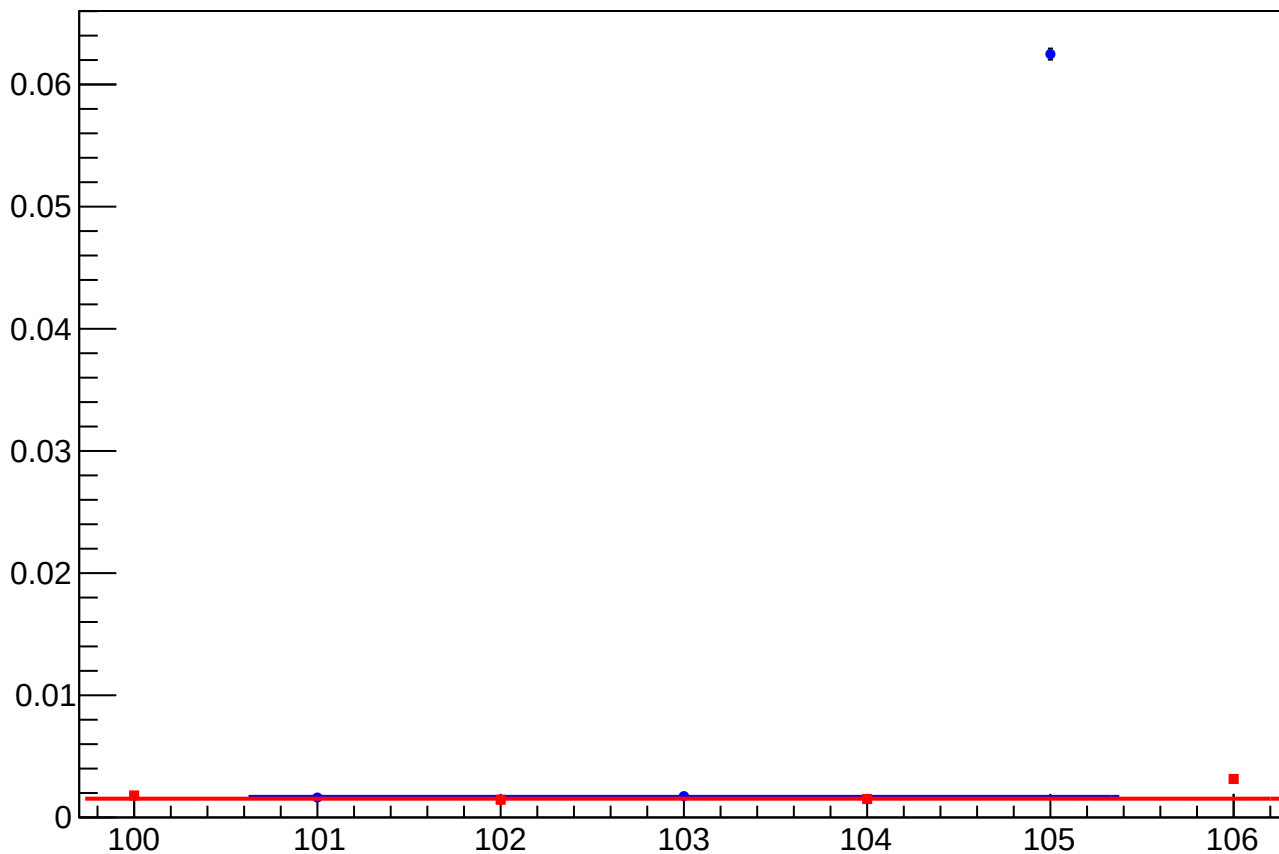
Right Out: -1.347+/-0.000 χ^2/NDF : 4923533167.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.278+/-0.000 χ^2/NDF : 421900121.0/2

-1.347+/-0.000 χ^2/NDF : 4923533167.5/3

yield_bpm0i01Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 20385.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

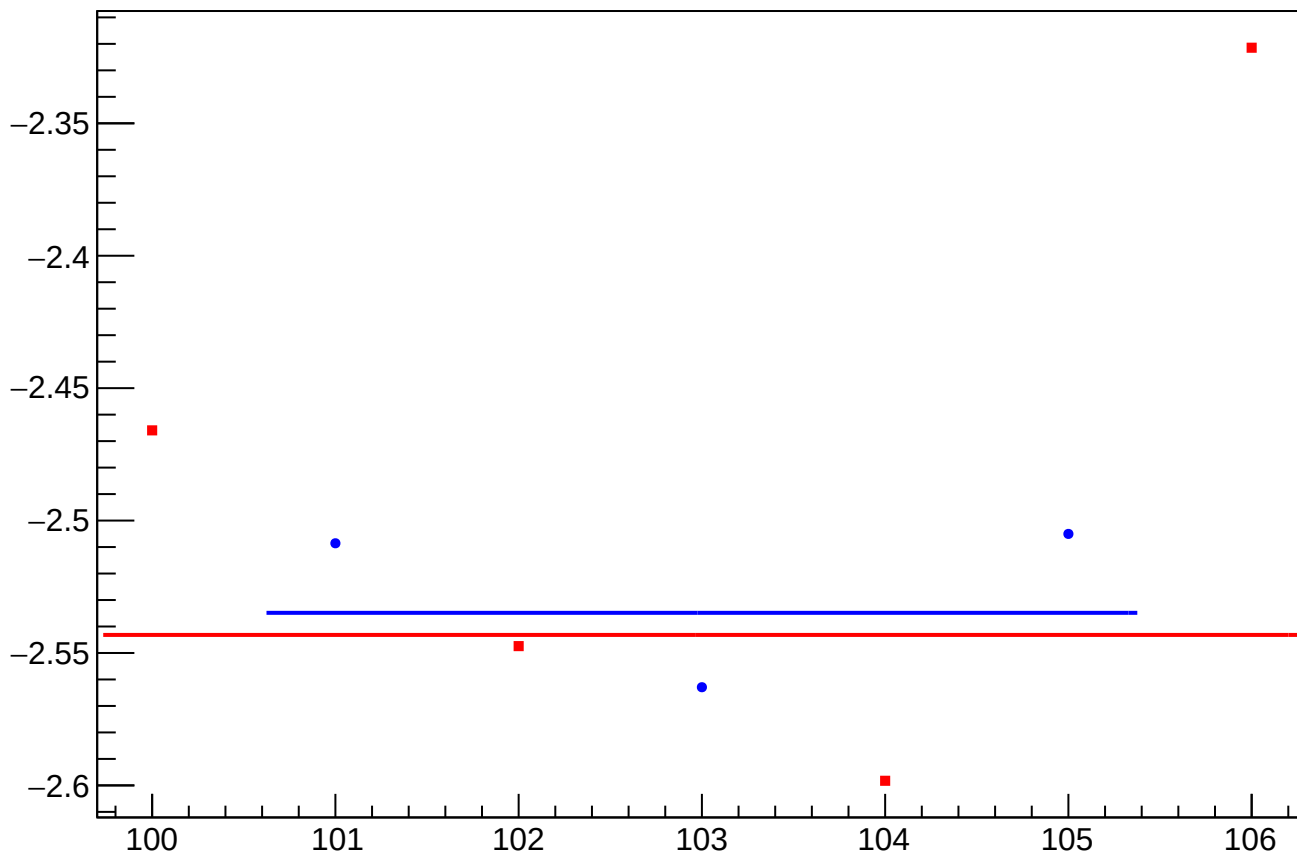
Right Out: 0.002+/-0.000 χ^2/NDF : 79129.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 20385.1/2

0.002+/-0.000 χ^2/NDF : 79129.2/3

yield_bpm0i01aX_mean vs slug



Right In: -2.535+/-0.000 χ^2/NDF : 25396229.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

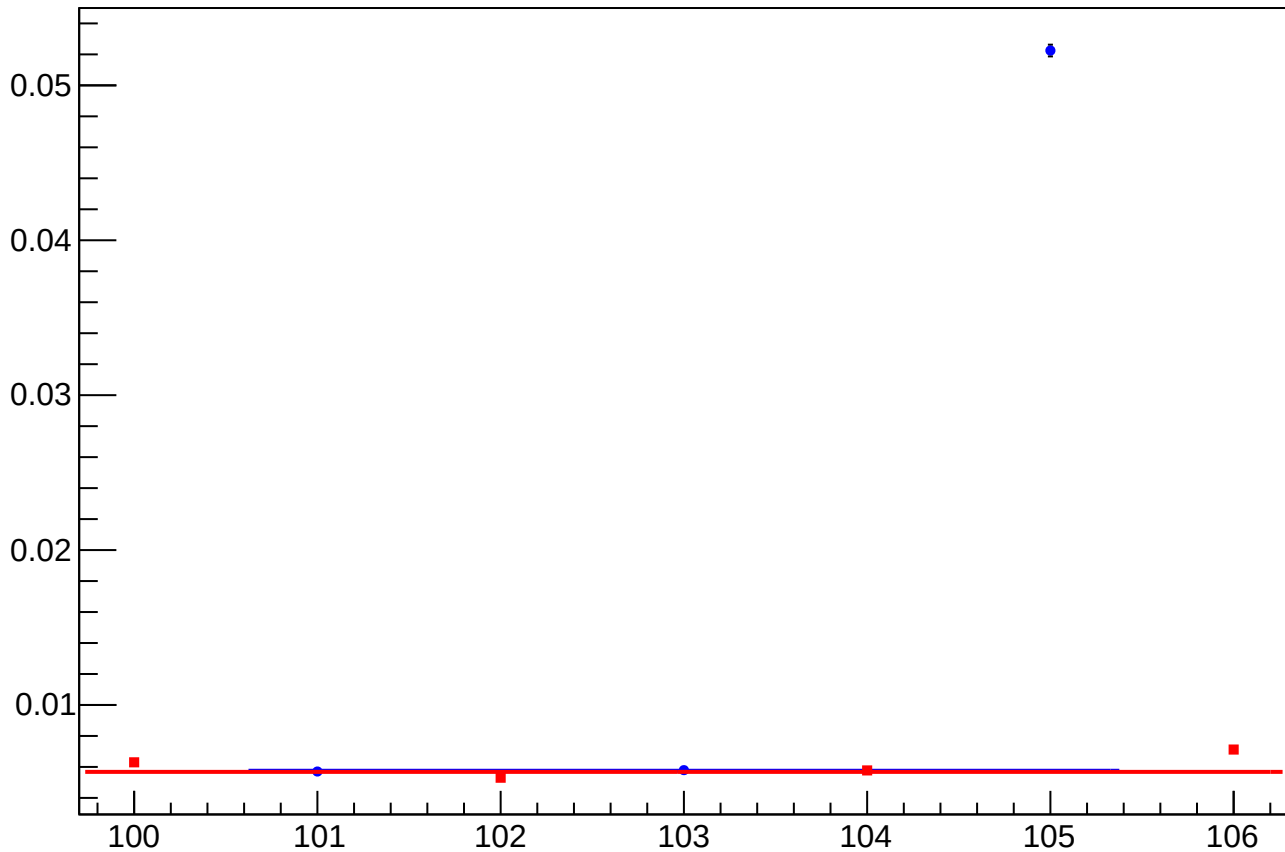
Right Out: -2.543+/-0.000 χ^2/NDF : 220981751.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.535+/-0.000 χ^2/NDF : 25396229.7/2

-2.543+/-0.000 χ^2/NDF : 220981751.2/3

yield_bpm0i01aX_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 15223.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

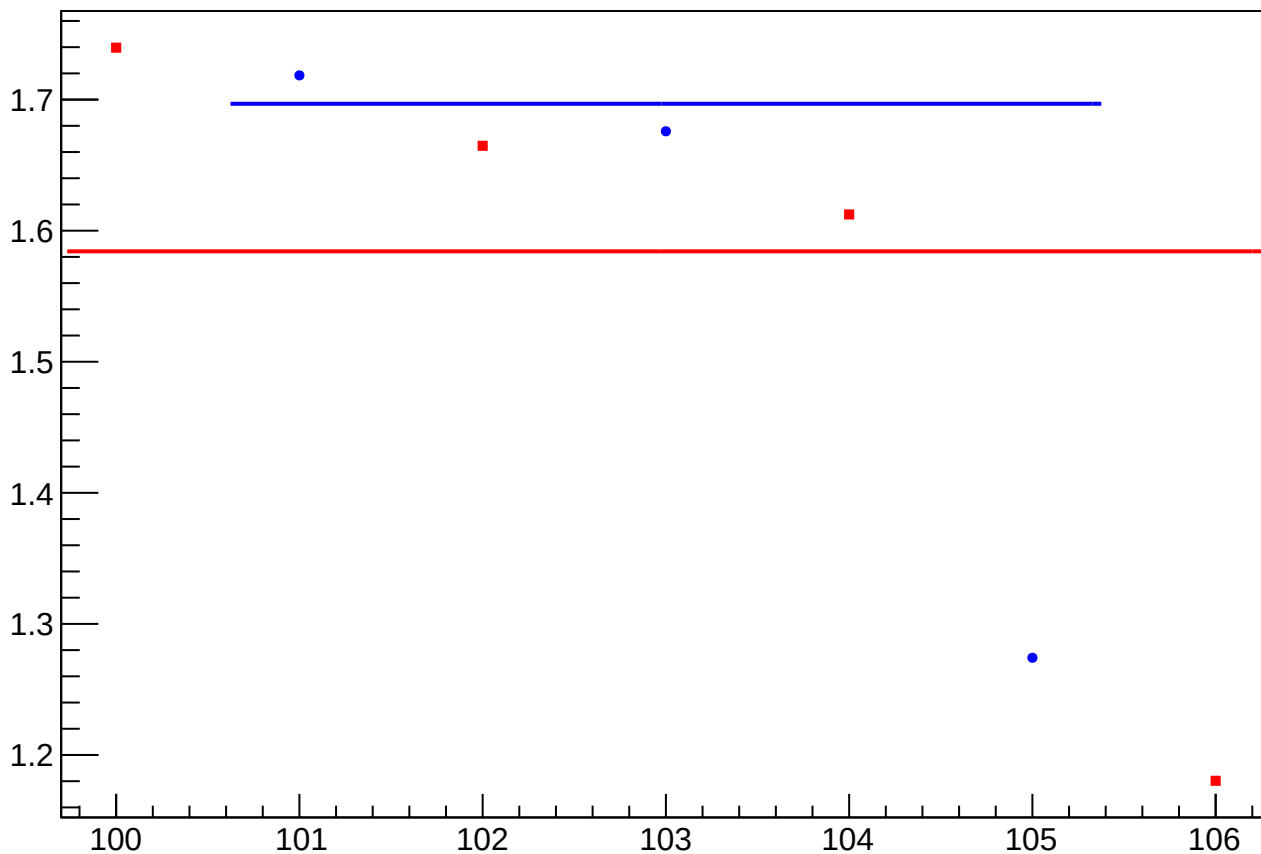
Right Out: 0.006+/-0.000 χ^2/NDF : 21152.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 15223.1/2

0.006+/-0.000 χ^2/NDF : 21152.7/3

yield_bpm0i01aY_mean vs slug



Right In: 1.697+/-0.000 χ^2/NDF : 94319512.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

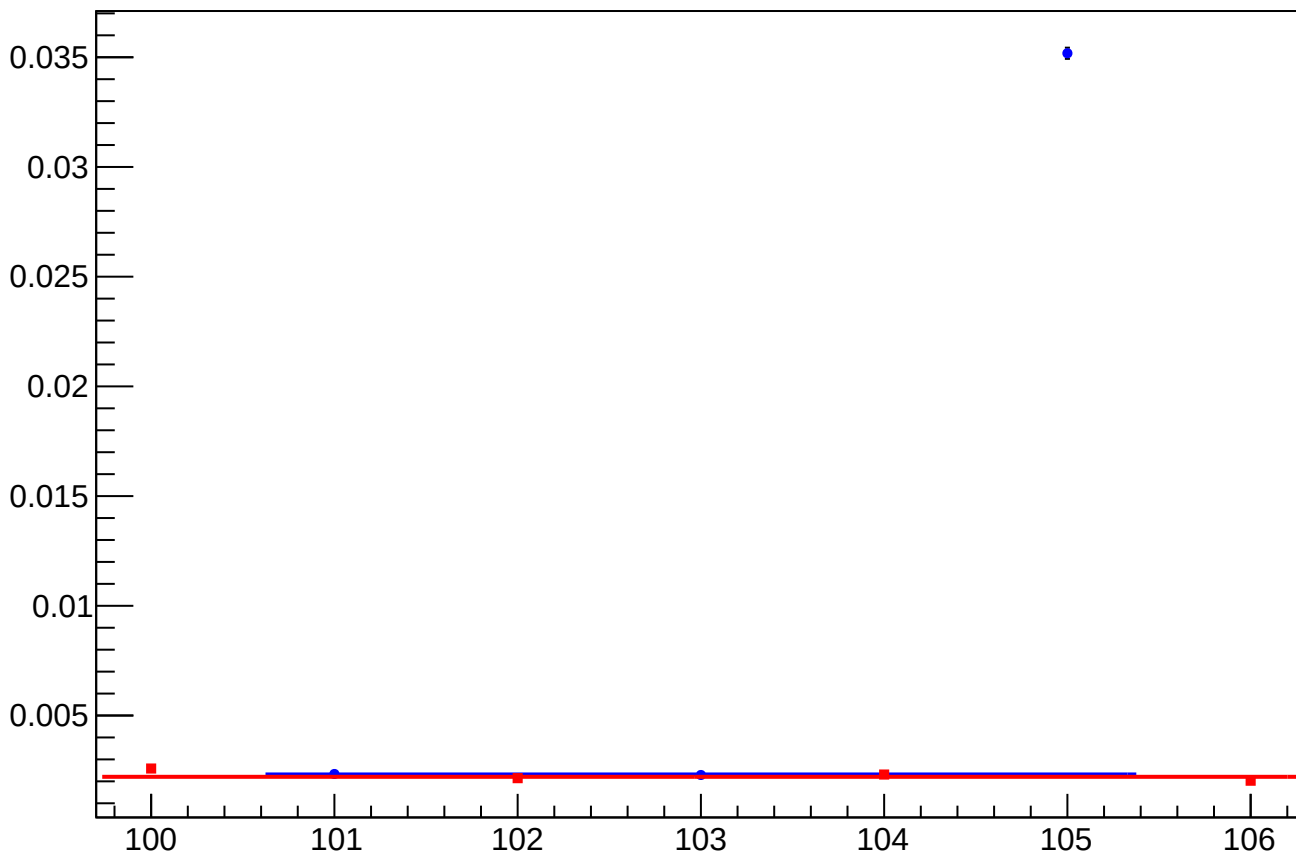
Right Out: 1.584+/-0.000 χ^2/NDF : 6527595141.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.697+/-0.000 χ^2/NDF : 94319512.1/2

1.584+/-0.000 χ^2/NDF : 6527595141.3/3

yield_bpm0i01aY_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 16847.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

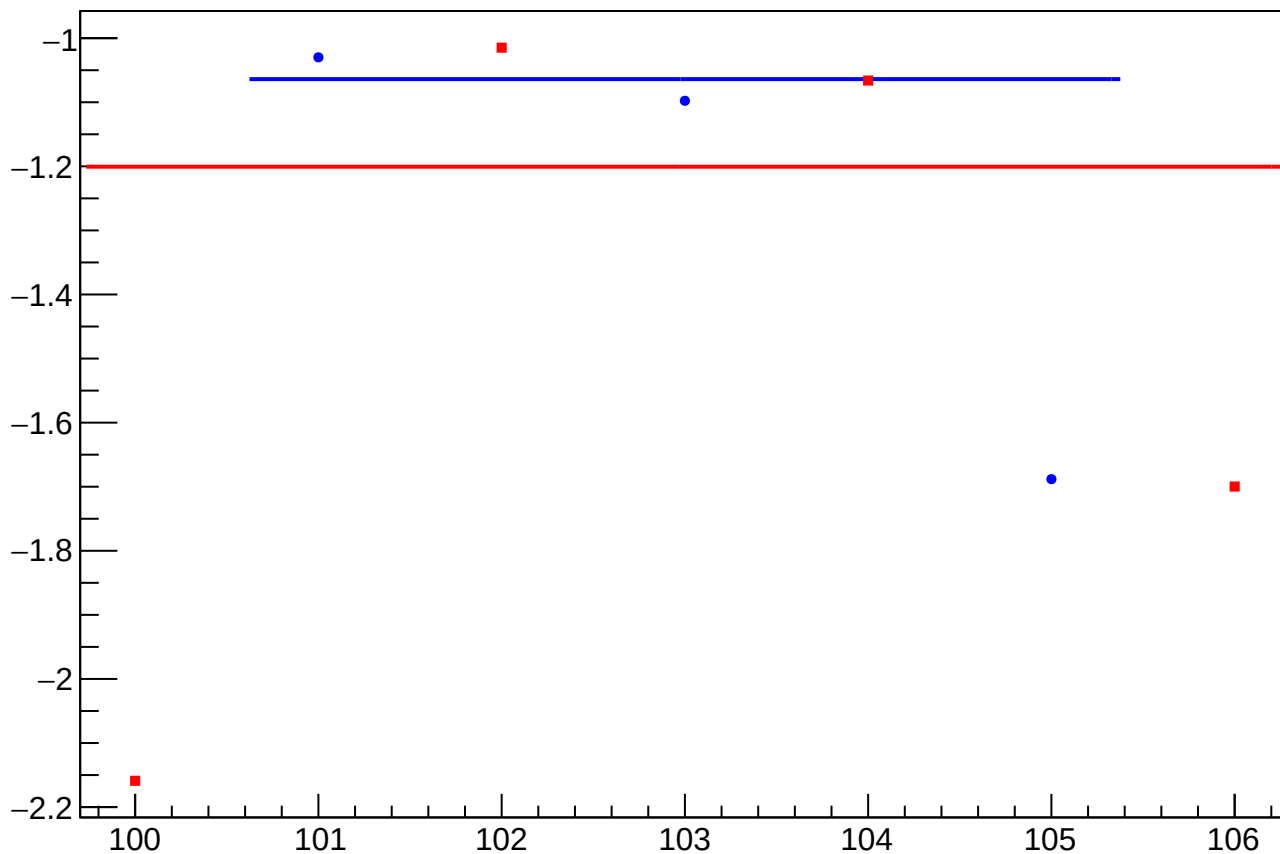
Right Out: 0.002+/-0.000 χ^2/NDF : 7897.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 16847.1/2

0.002+/-0.000 χ^2/NDF : 7897.2/3

yield_bpm0l01X_mean vs slug



Right In: -1.064+/-0.000 χ^2/NDF : 31908015.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

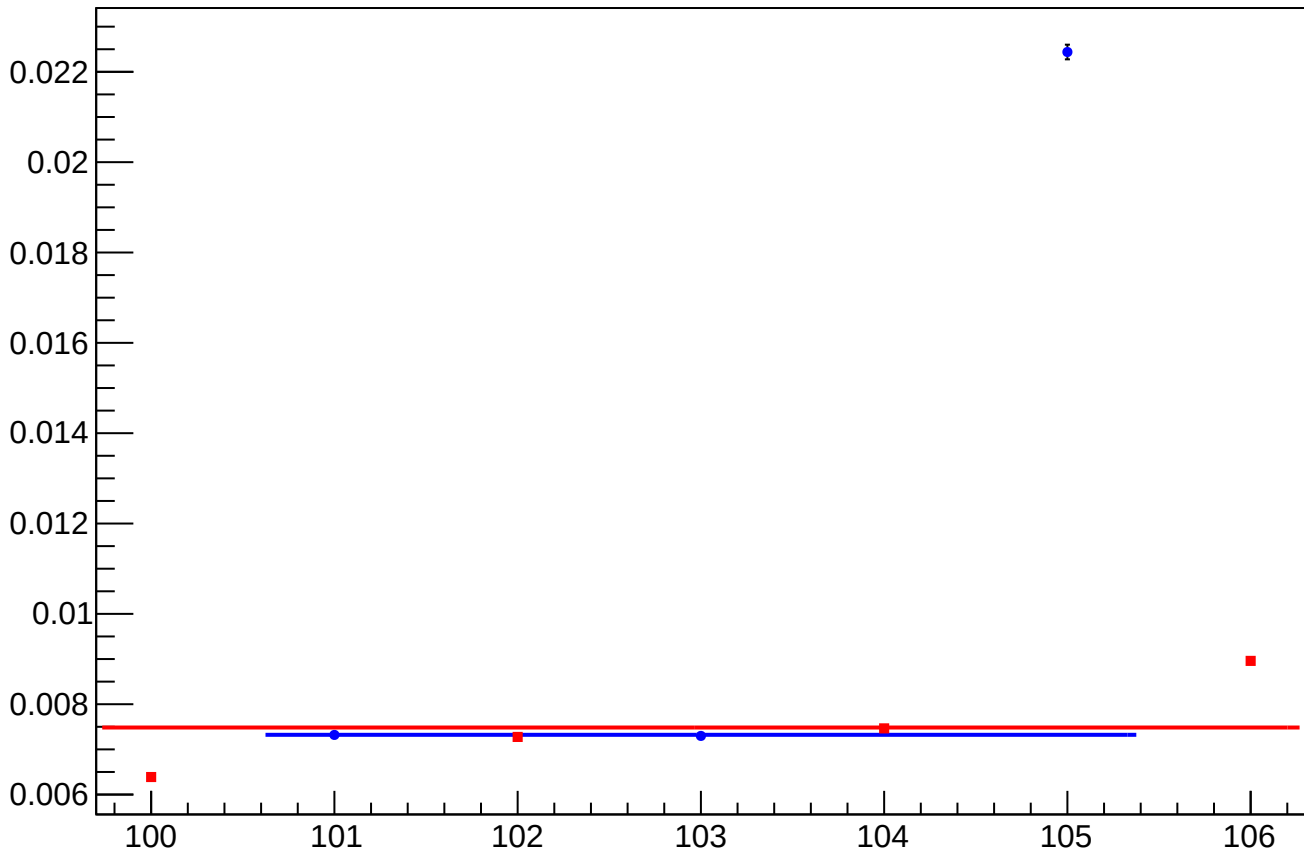
-1.064+/-0.000 χ^2/NDF : 31908015.8/2

Right Out: -1.201+/-0.000 χ^2/NDF : 2792726800.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.201+/-0.000 χ^2/NDF : 2792726800.1/3

yield_bpm0l01X_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 8658.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

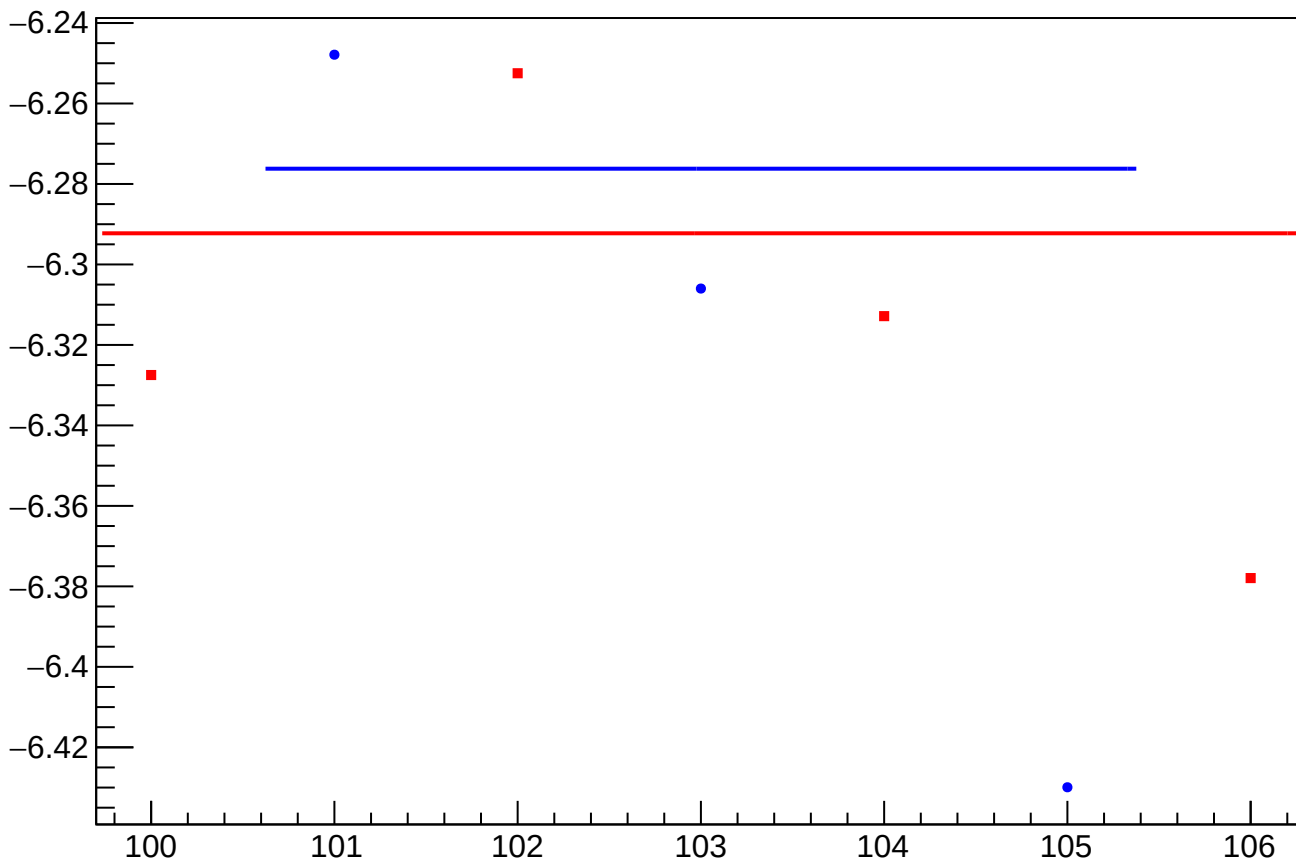
Right Out: 0.007+/-0.000 χ^2/NDF : 17303.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 8658.1/2

0.007+/-0.000 χ^2/NDF : 17303.6/3

yield_bpm0l01Y_mean vs slug



Right In: -6.276+/-0.000 χ^2/NDF : 35212964.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

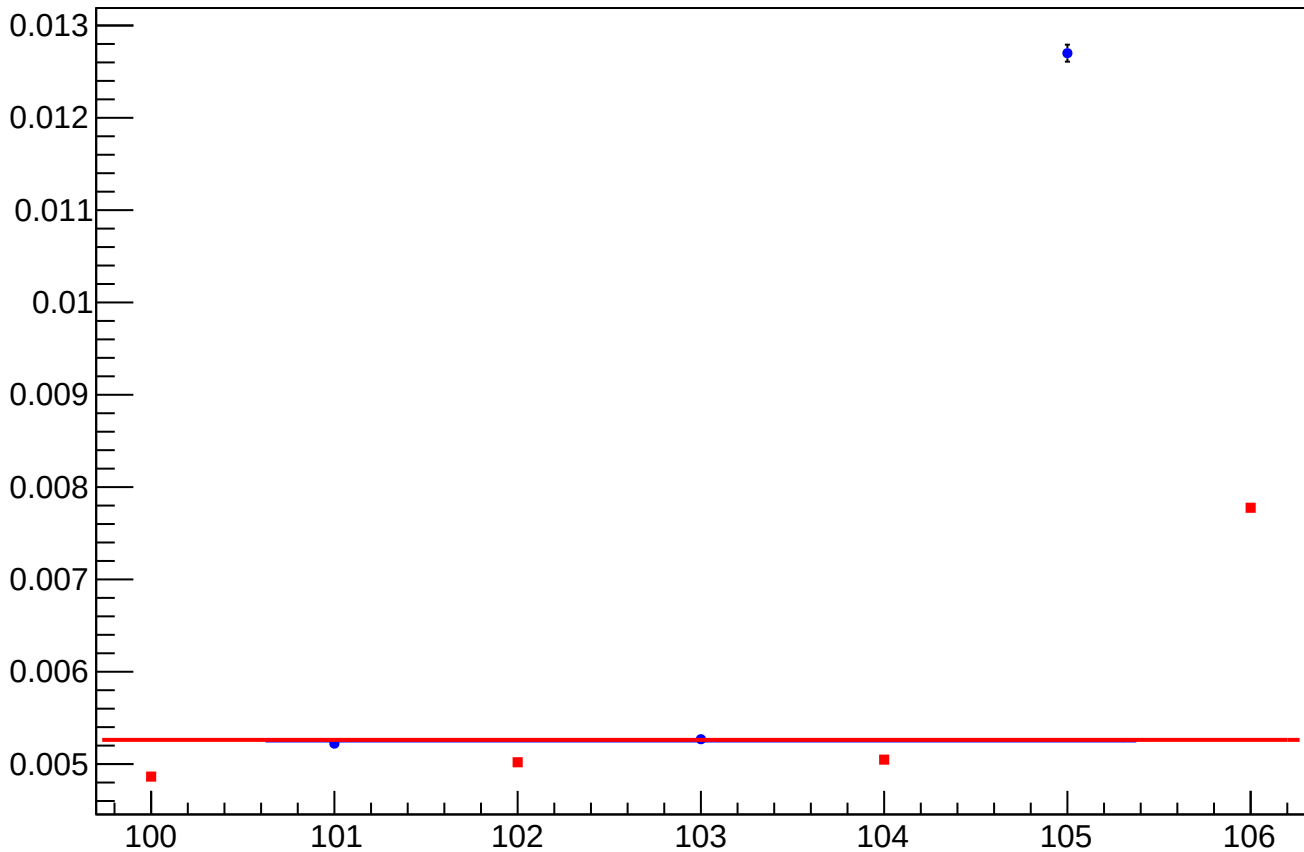
Right Out: -6.292+/-0.000 χ^2/NDF : 74101548.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.276+/-0.000 χ^2/NDF : 35212964.4/2

-6.292+/-0.000 χ^2/NDF : 74101548.8/3

yield_bpm0l01Y_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 6601.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

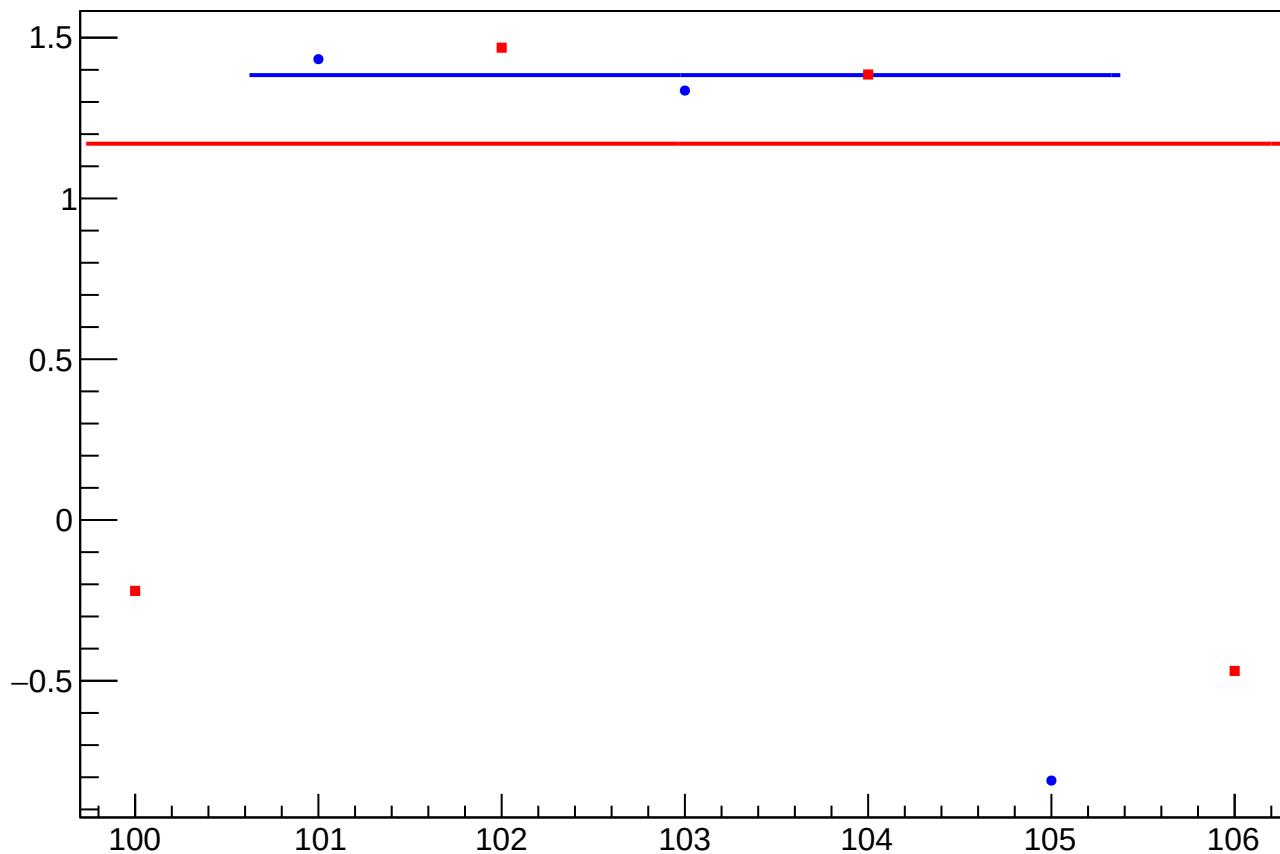
Right Out: 0.005+/-0.000 χ^2/NDF : 56176.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 6601.5/2

0.005+/-0.000 χ^2/NDF : 56176.9/3

yield_bpm0l02X_mean vs slug



Right In: 1.384+/-0.000 χ^2/NDF : 21649898.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

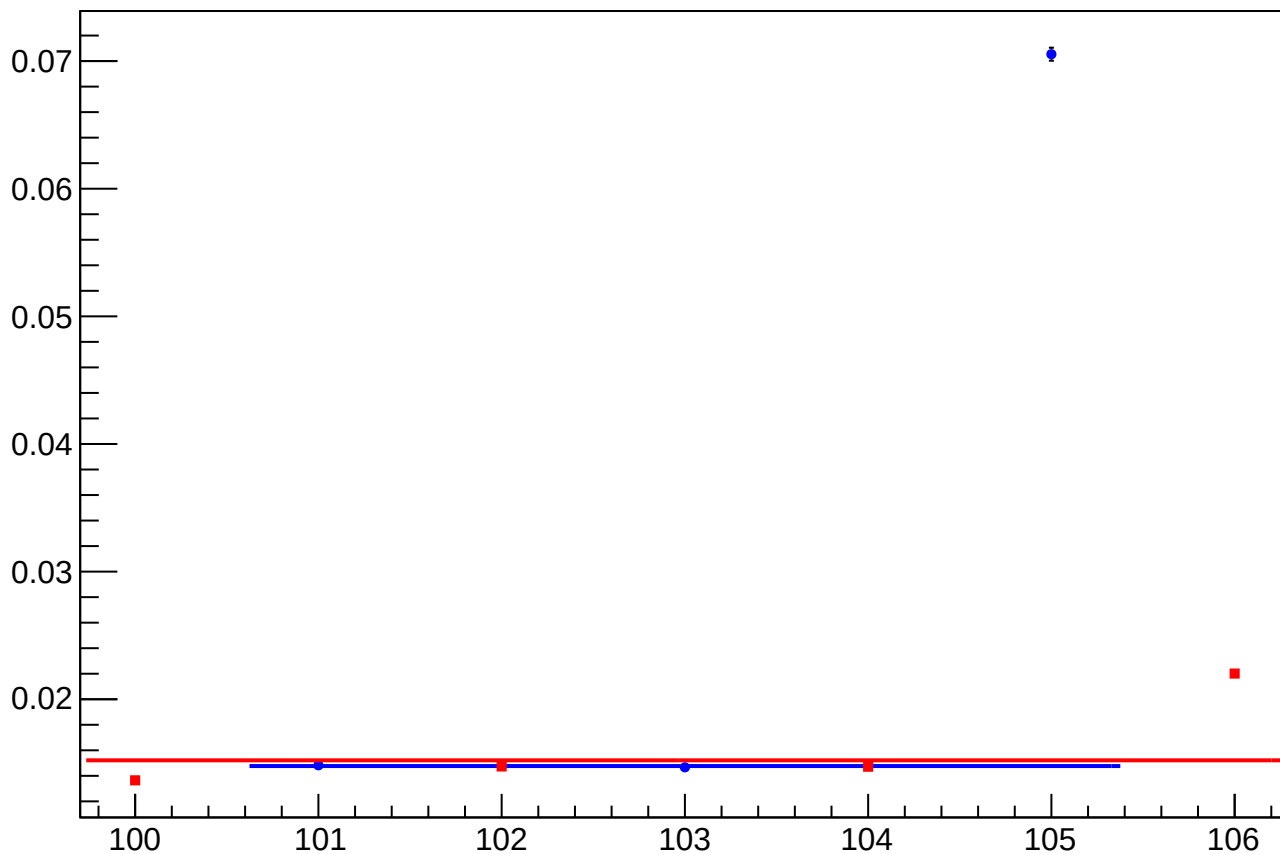
Right Out: 1.170+/-0.000 χ^2/NDF : 2212782097.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.384+/-0.000 χ^2/NDF : 21649898.6/2

1.170+/-0.000 χ^2/NDF : 2212782097.2/3

yield_bpm0l02X_rms vs slug



Right In: 0.015+/-0.000 χ^2/NDF : 11977.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

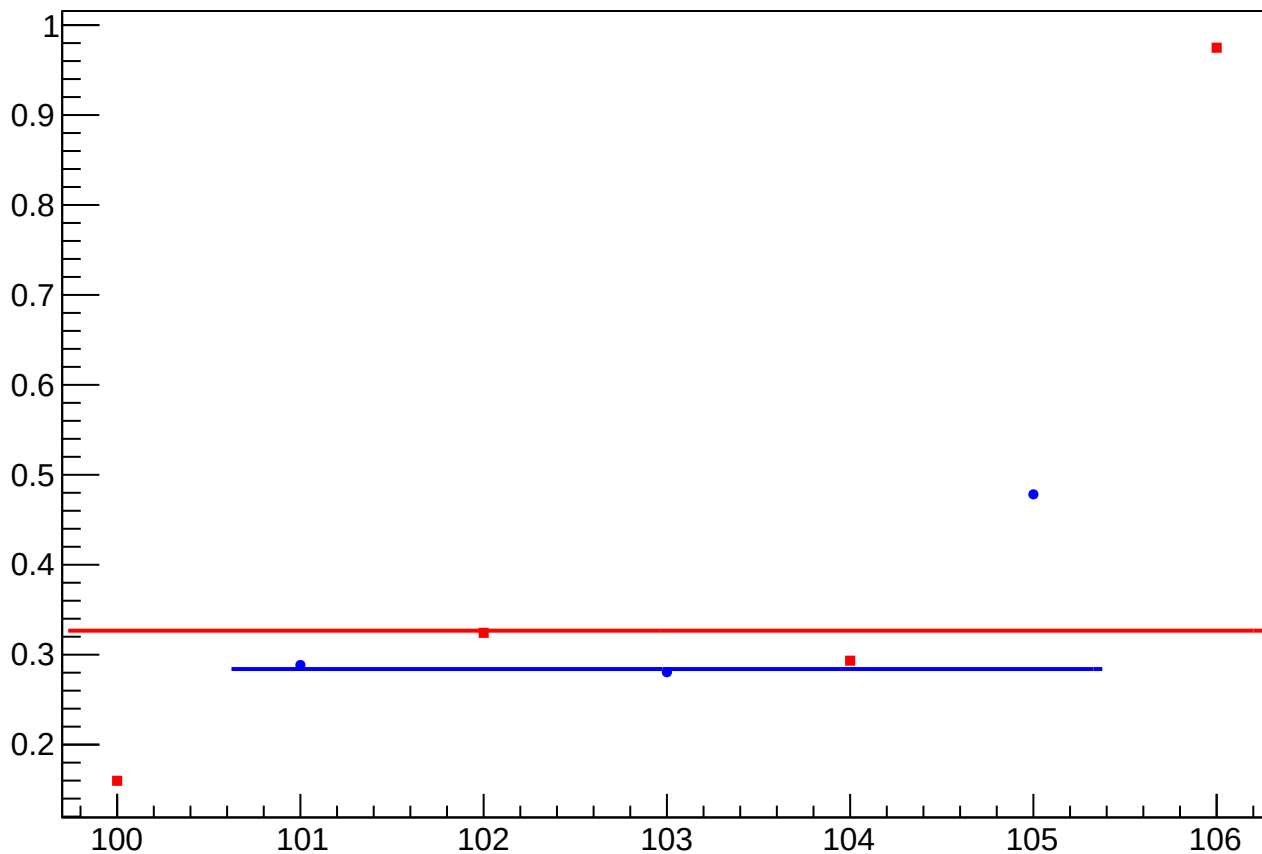
Right Out: 0.015+/-0.000 χ^2/NDF : 43915.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 11977.9/2

0.015+/-0.000 χ^2/NDF : 43915.3/3

yield_bpm0l02Y_mean vs slug



Right In: 0.284+/-0.000 χ^2/NDF : 556946.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

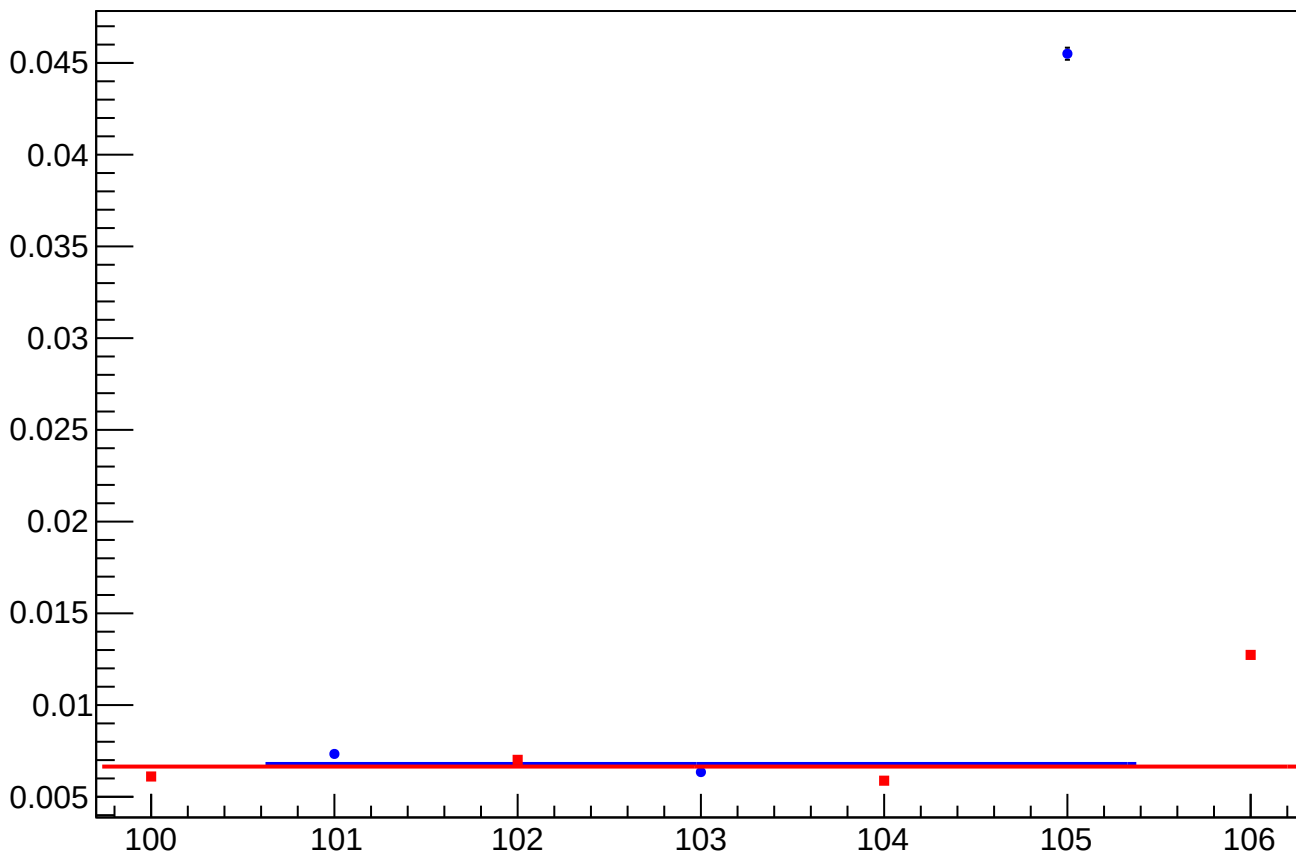
Right Out: 0.327+/-0.000 χ^2/NDF : 572446028.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.284+/-0.000 χ^2/NDF : 556946.4/2

0.327+/-0.000 χ^2/NDF : 572446028.5/3

yield_bpm0l02Y_rms vs slug



Right In: 0.007+/-0.000 χ^2/NDF : 25454.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

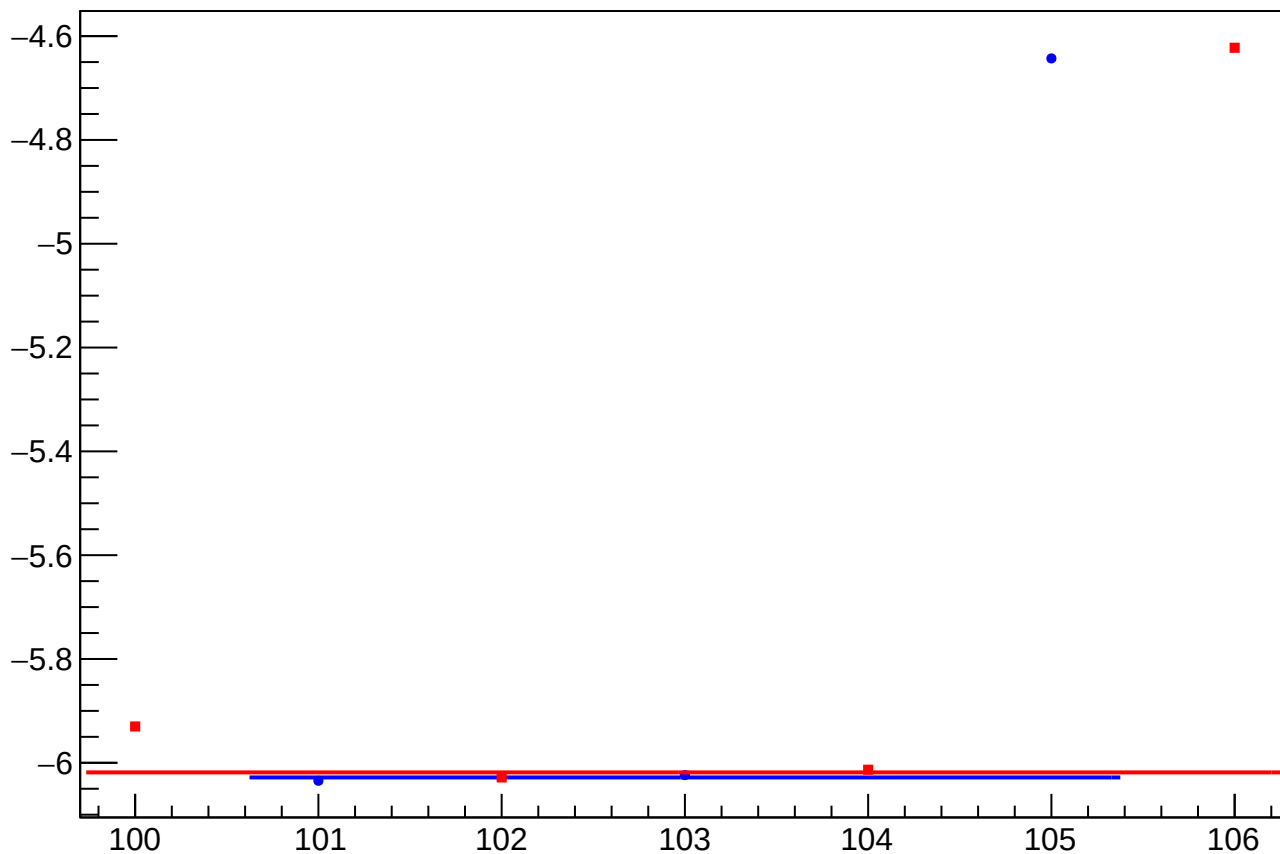
0.007+/-0.000 χ^2/NDF : 25454.9/2

Right Out: 0.007+/-0.000 χ^2/NDF : 109036.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 109036.1/3

yield_bpm0l03X_mean vs slug



Right In: -6.028+/-0.000 χ^2/NDF : 1491280.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

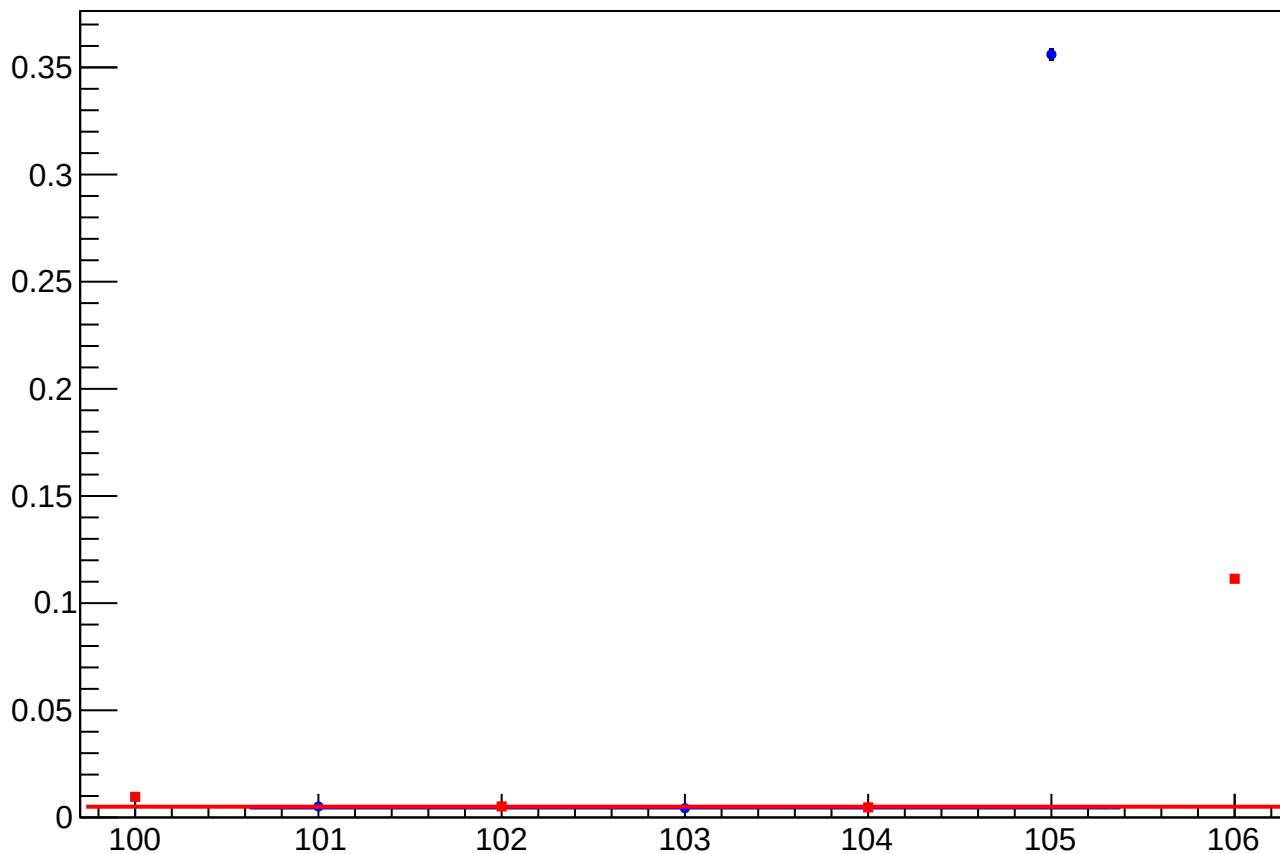
Right Out: -6.018+/-0.000 χ^2/NDF : 48616098.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.028+/-0.000 χ^2/NDF : 1491280.5/2

-6.018+/-0.000 χ^2/NDF : 48616098.2/3

yield_bpm0l03X_rms vs slug



Right In: 0.005+/-0.000 χ^2/NDF : 32787.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

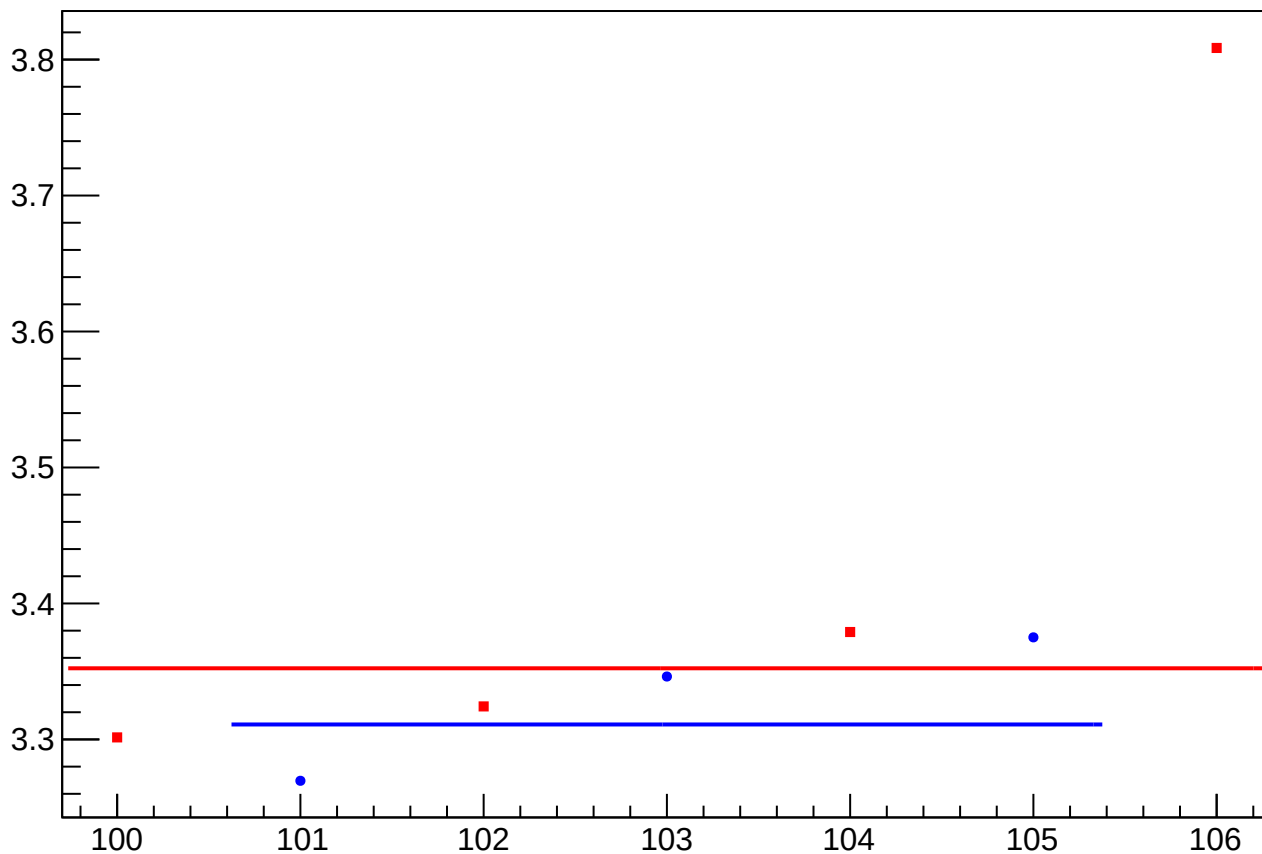
Right Out: 0.005+/-0.000 χ^2/NDF : 525830.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 32787.9/2

0.005+/-0.000 χ^2/NDF : 525830.7/3

yield_bpm0l03Y_mean vs slug



Right In: 3.311+/-0.000 χ^2/NDF : 40589118.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

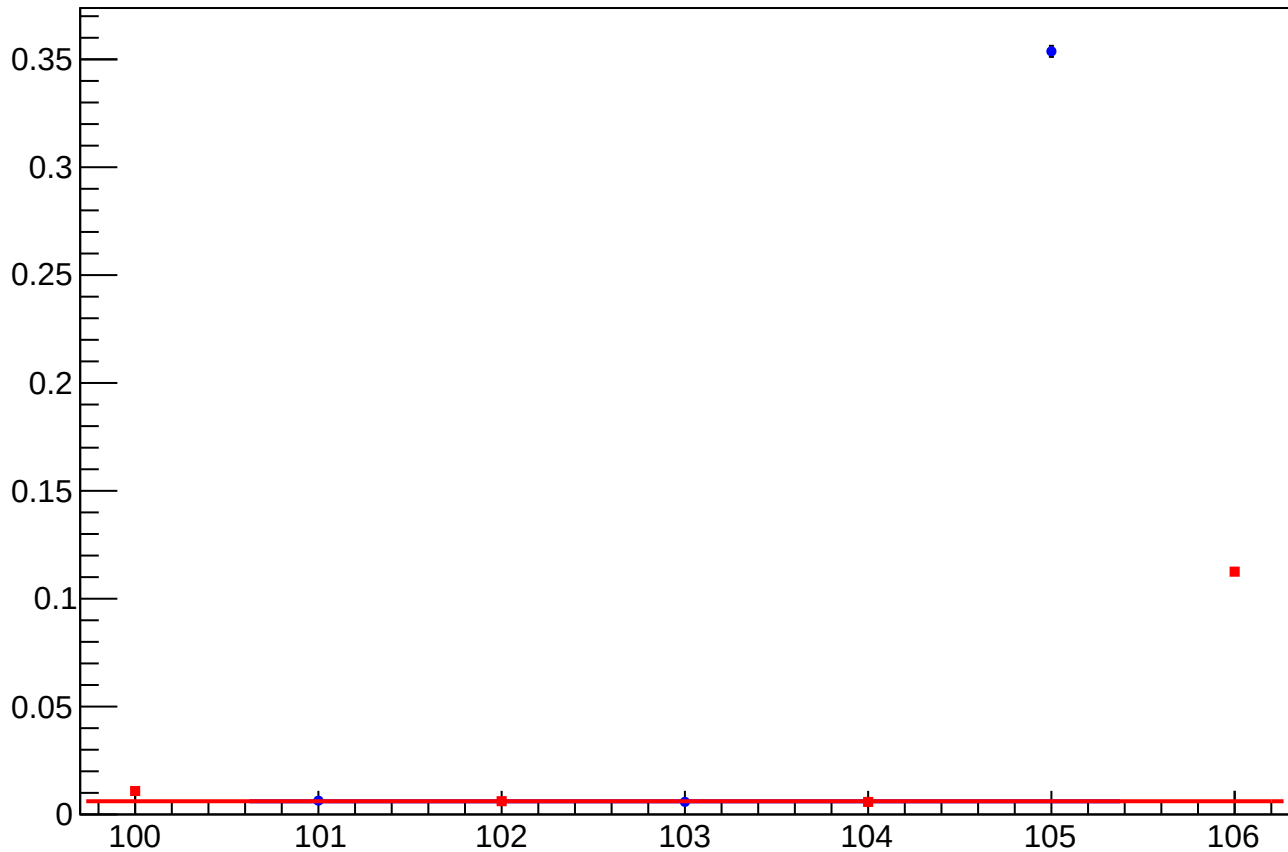
Right Out: 3.352+/-0.000 χ^2/NDF : 24171261.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.311+/-0.000 χ^2/NDF : 40589118.6/2

3.352+/-0.000 χ^2/NDF : 24171261.5/3

yield_bpm0l03Y_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 22848.1/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

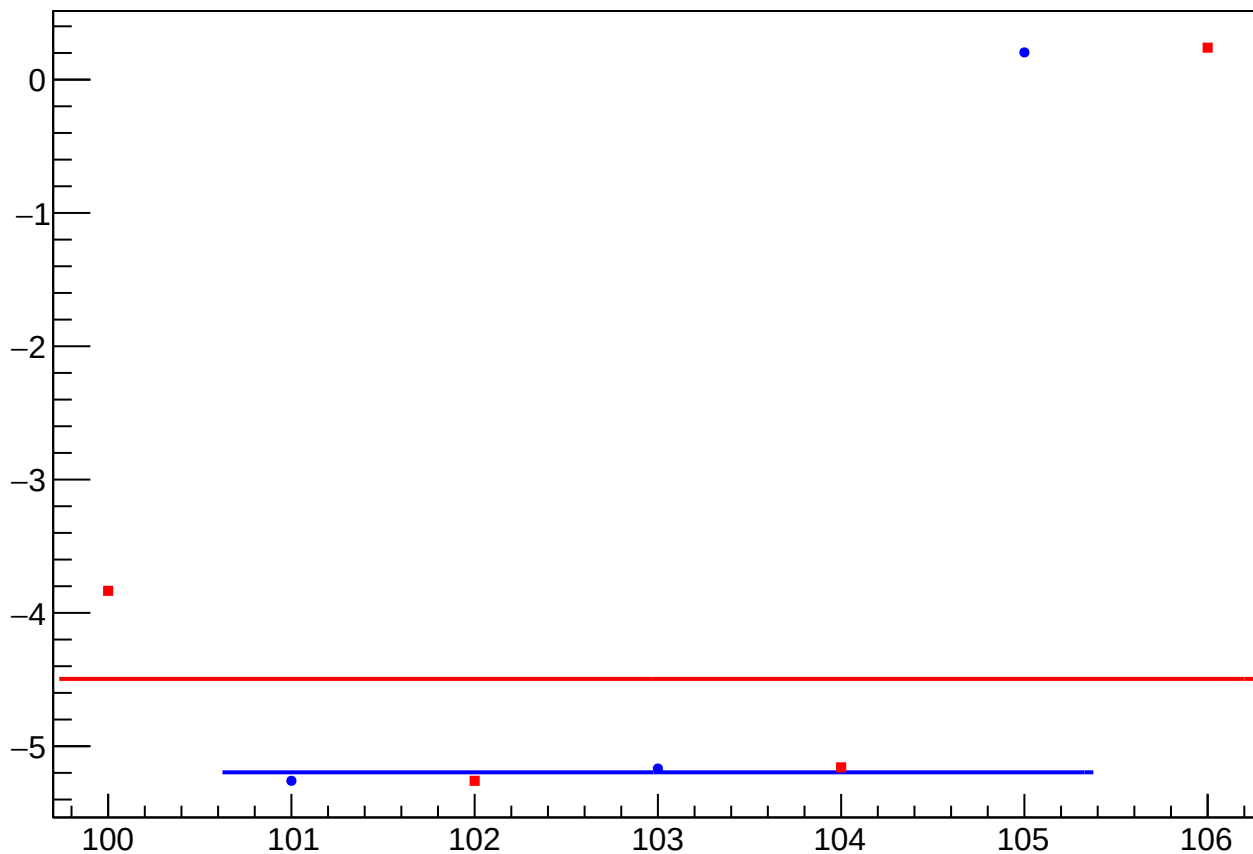
Right Out: 0.006+/-0.000 χ^2/NDF : 509285.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 22848.1/2

0.006+/-0.000 χ^2/NDF : 509285.6/3

yield_bpm0l04X_mean vs slug



Right In: -5.196+/-0.000 χ^2/NDF : 666918760.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

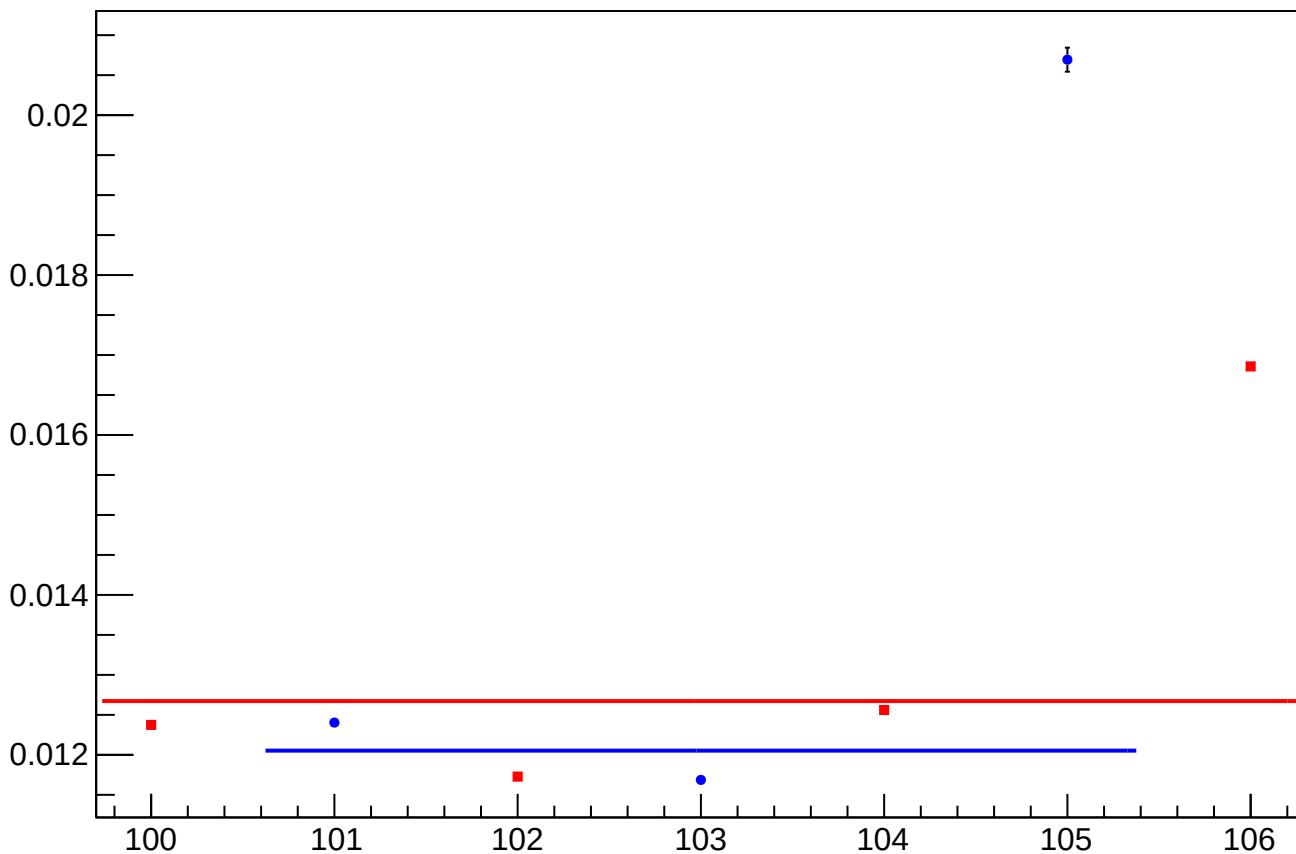
Right Out: -4.495+/-0.000 χ^2/NDF : 26232122348.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.196+/-0.000 χ^2/NDF : 666918760.3/2

-4.495+/-0.000 χ^2/NDF : 26232122348.1/3

yield_bpm0l04X_rms vs slug



Right In: 0.012+/-0.000 χ^2/NDF : 5335.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

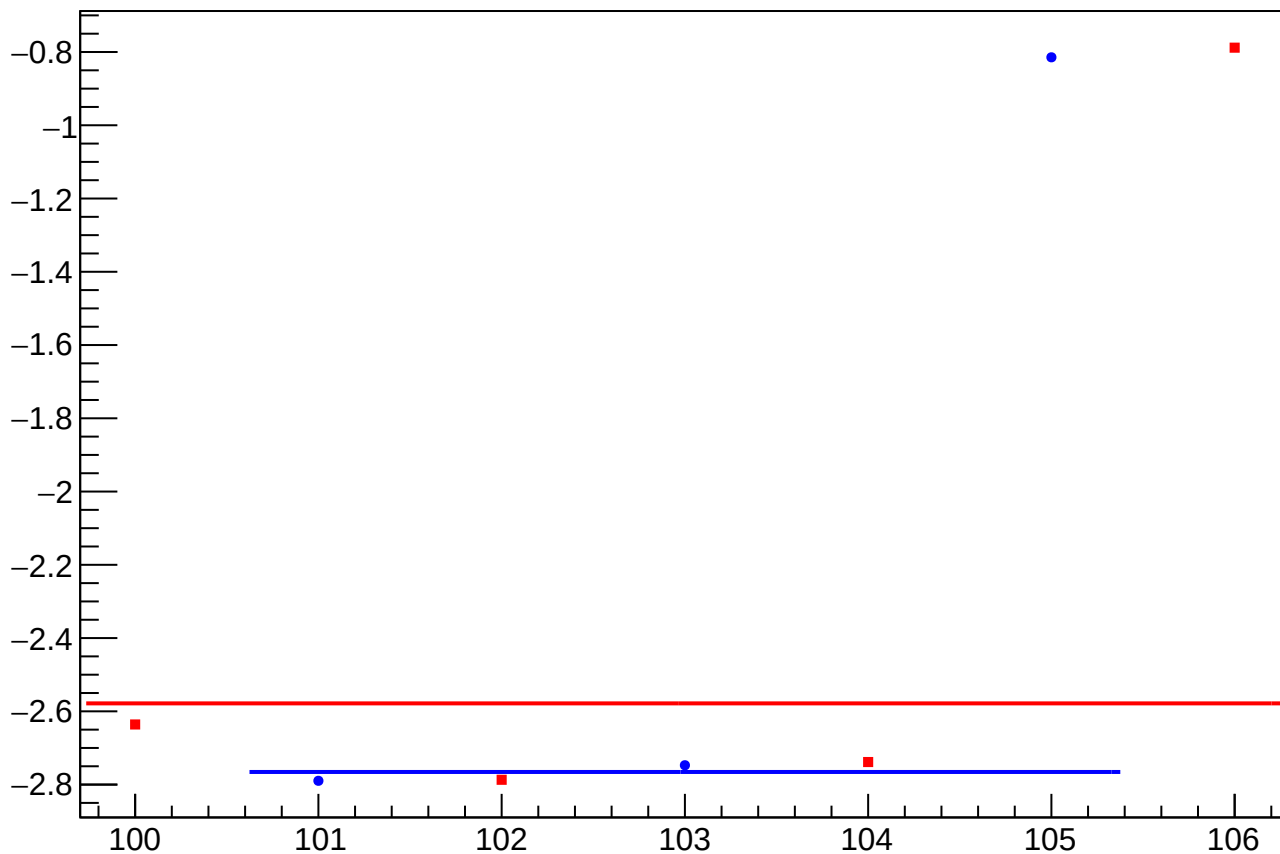
Right Out: 0.013+/-0.000 χ^2/NDF : 42140.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 5335.4/2

0.013+/-0.000 χ^2/NDF : 42140.7/3

yield_bpm0l04Y_mean vs slug



Right In: -2.766+/-0.000 χ^2/NDF : 629172440.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

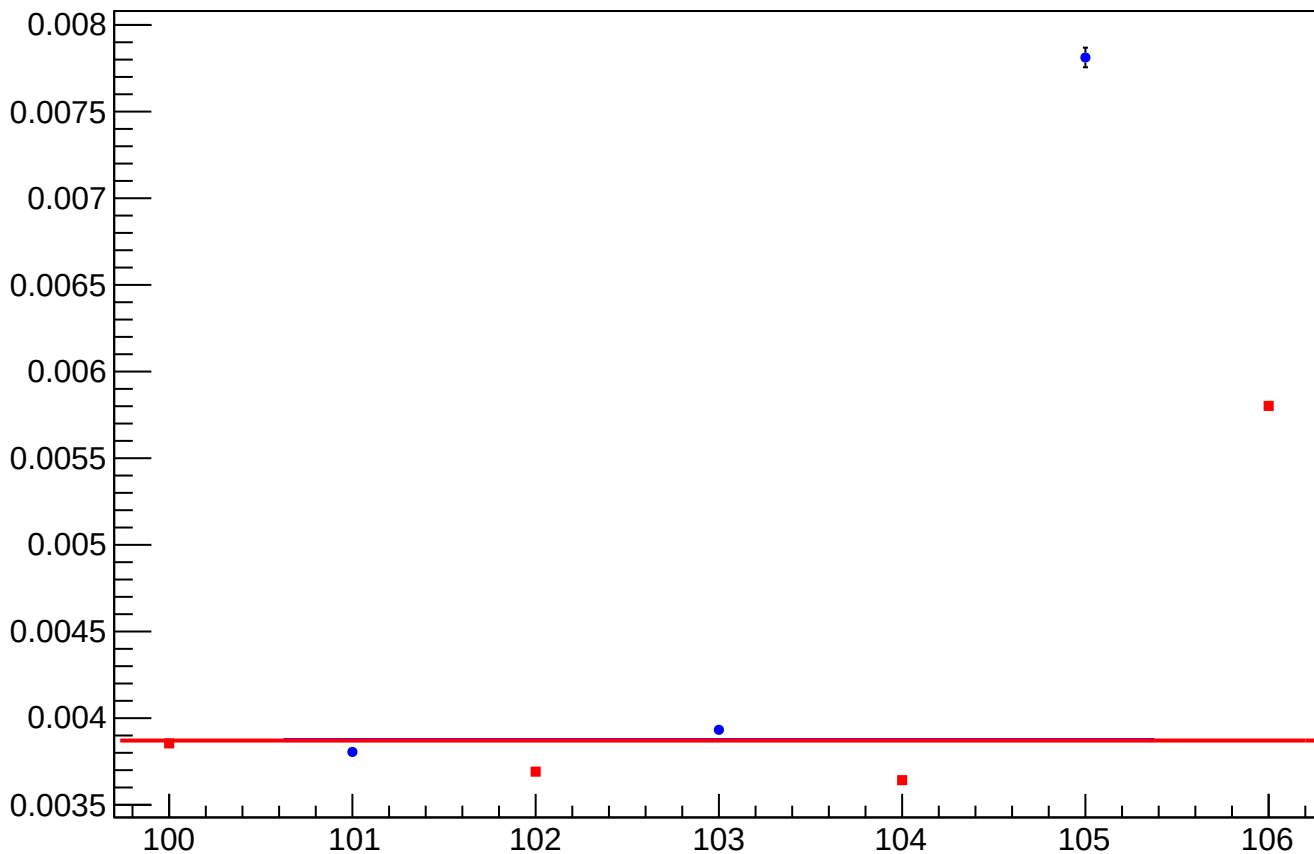
Right Out: -2.578+/-0.000 χ^2/NDF : 28322136173.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.766+/-0.000 χ^2/NDF : 629172440.0/2

-2.578+/-0.000 χ^2/NDF : 28322136173.7/3

yield_bpm0l04Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 5463.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

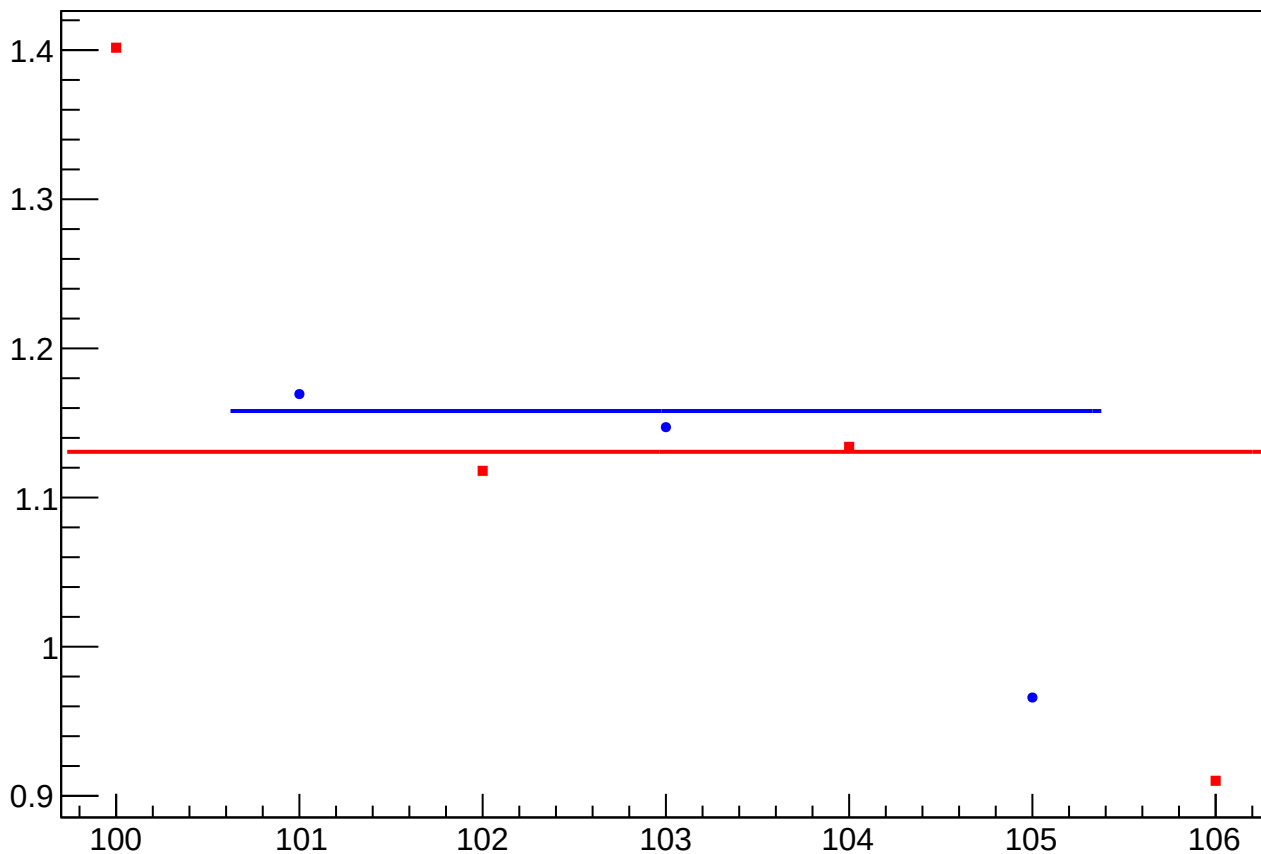
Right Out: 0.004+/-0.000 χ^2/NDF : 66044.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 5463.6/2

0.004+/-0.000 χ^2/NDF : 66044.6/3

yield_bpm0l05X_mean vs slug



Right In: 1.158+/-0.000 χ^2/NDF : 8892274.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

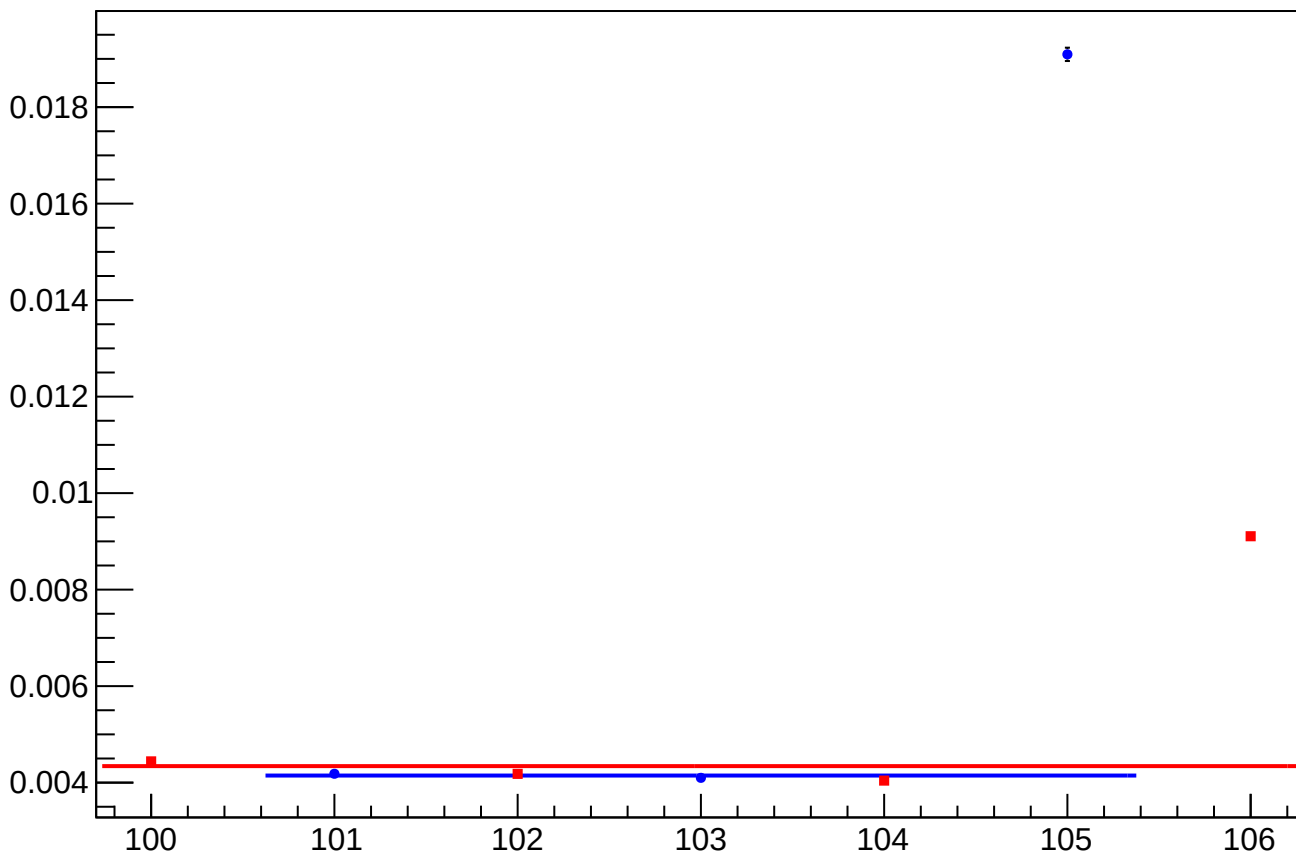
Right Out: 1.131+/-0.000 χ^2/NDF : 381326966.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.158+/-0.000 χ^2/NDF : 8892274.3/2

1.131+/-0.000 χ^2/NDF : 381326966.9/3

yield_bpm0l05X_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 11908.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

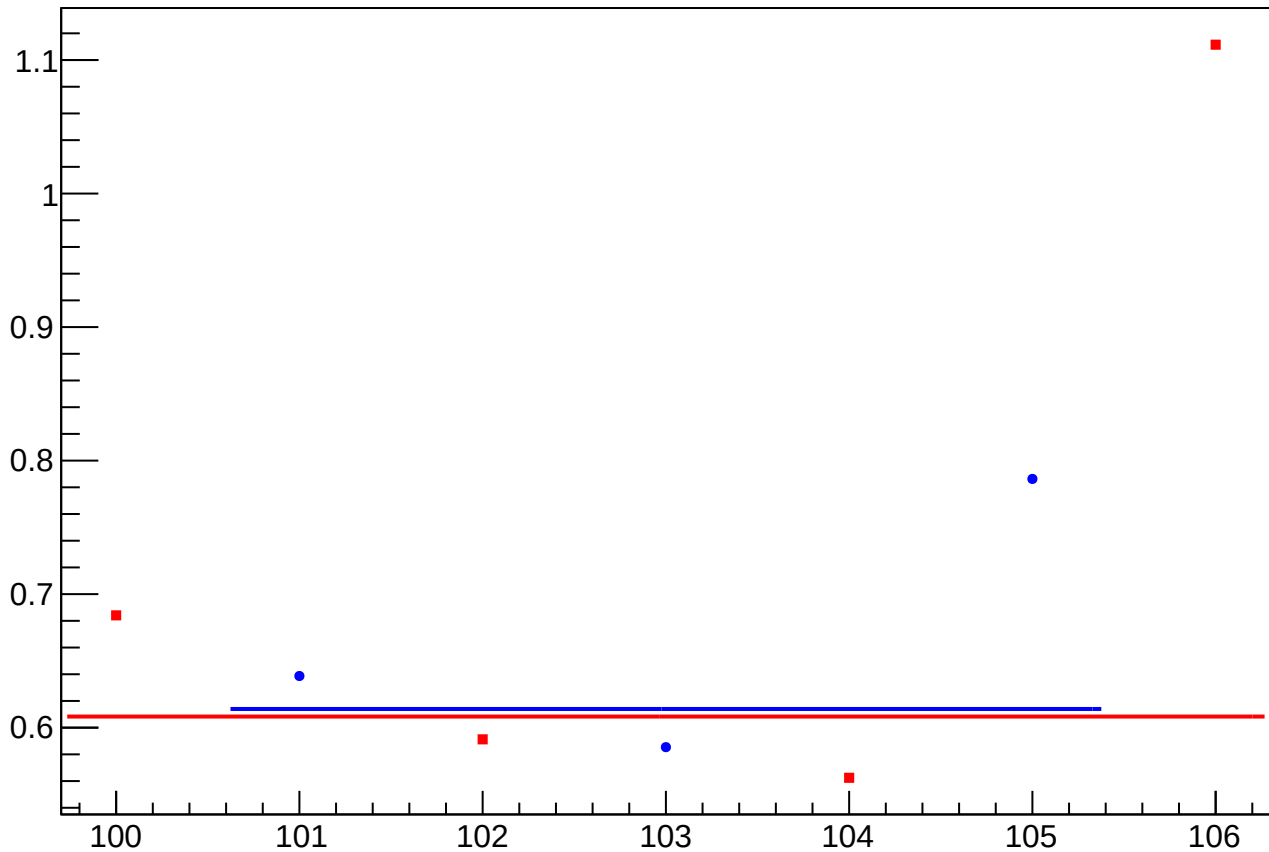
Right Out: 0.004+/-0.000 χ^2/NDF : 131795.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 11908.8/2

0.004+/-0.000 χ^2/NDF : 131795.5/3

yield_bpm0l05Y_mean vs slug



Right In: 0.614+/-0.000 χ^2/NDF : 56774838.5/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

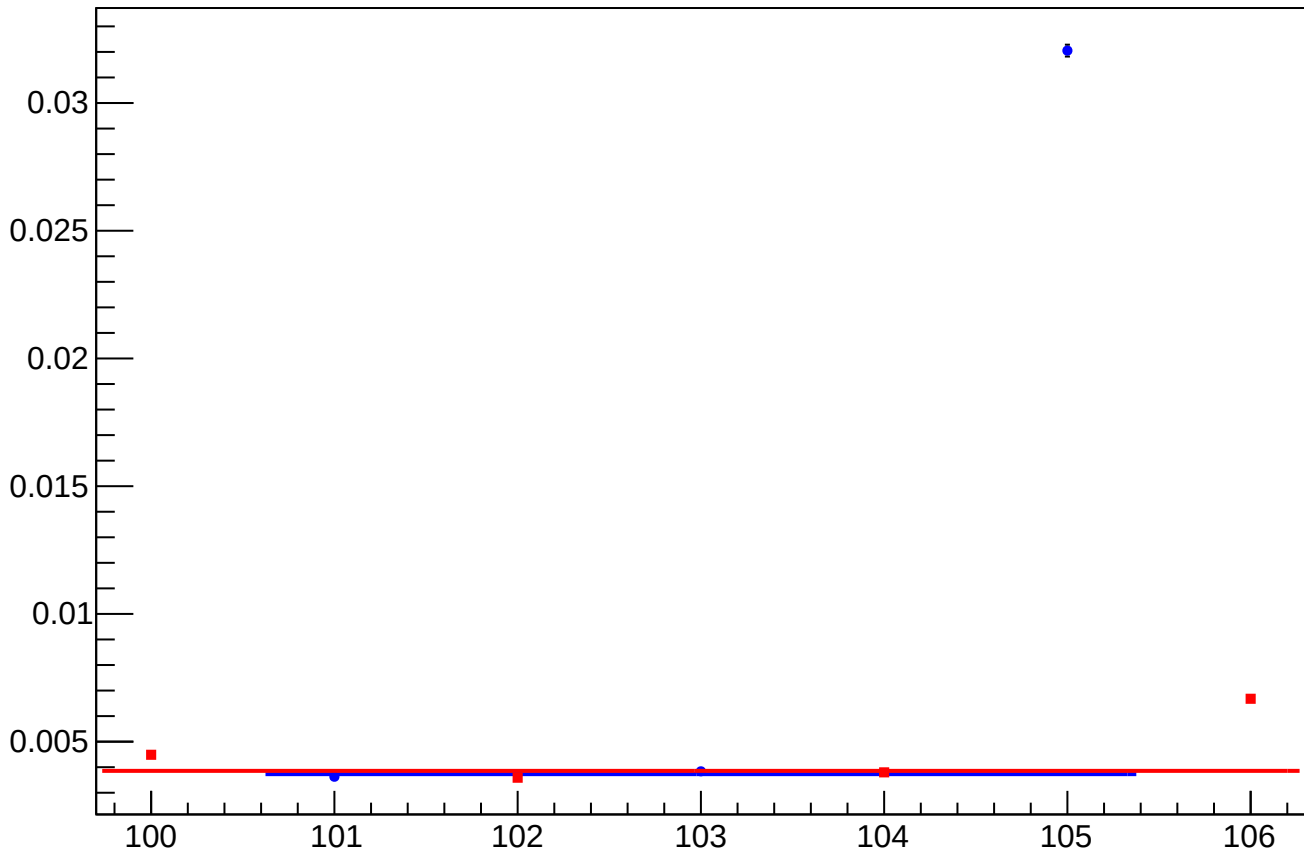
0.614+/-0.000 χ^2/NDF : 56774838.5/2

Right Out: 0.608+/-0.000 χ^2/NDF : 1058623456.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.608+/-0.000 χ^2/NDF : 1058623456.6/3

yield_bpm0l05Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 16672.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

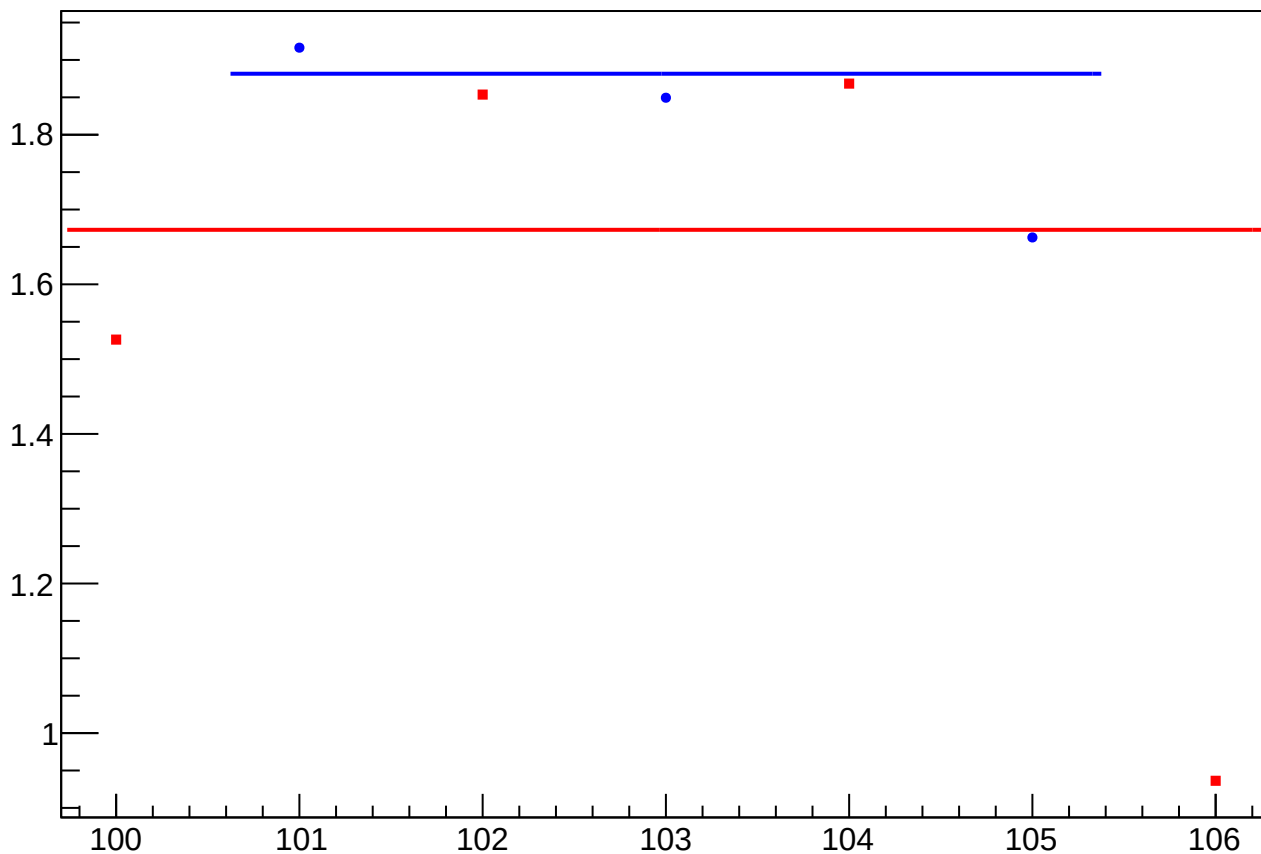
Right Out: 0.004+/-0.000 χ^2/NDF : 69168.2/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 16672.0/2

0.004+/-0.000 χ^2/NDF : 69168.2/3

yield_bpm0l06X_mean vs slug



Right In: 1.882 $\pm$ 0.000 χ^2 /NDF: 22923371.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

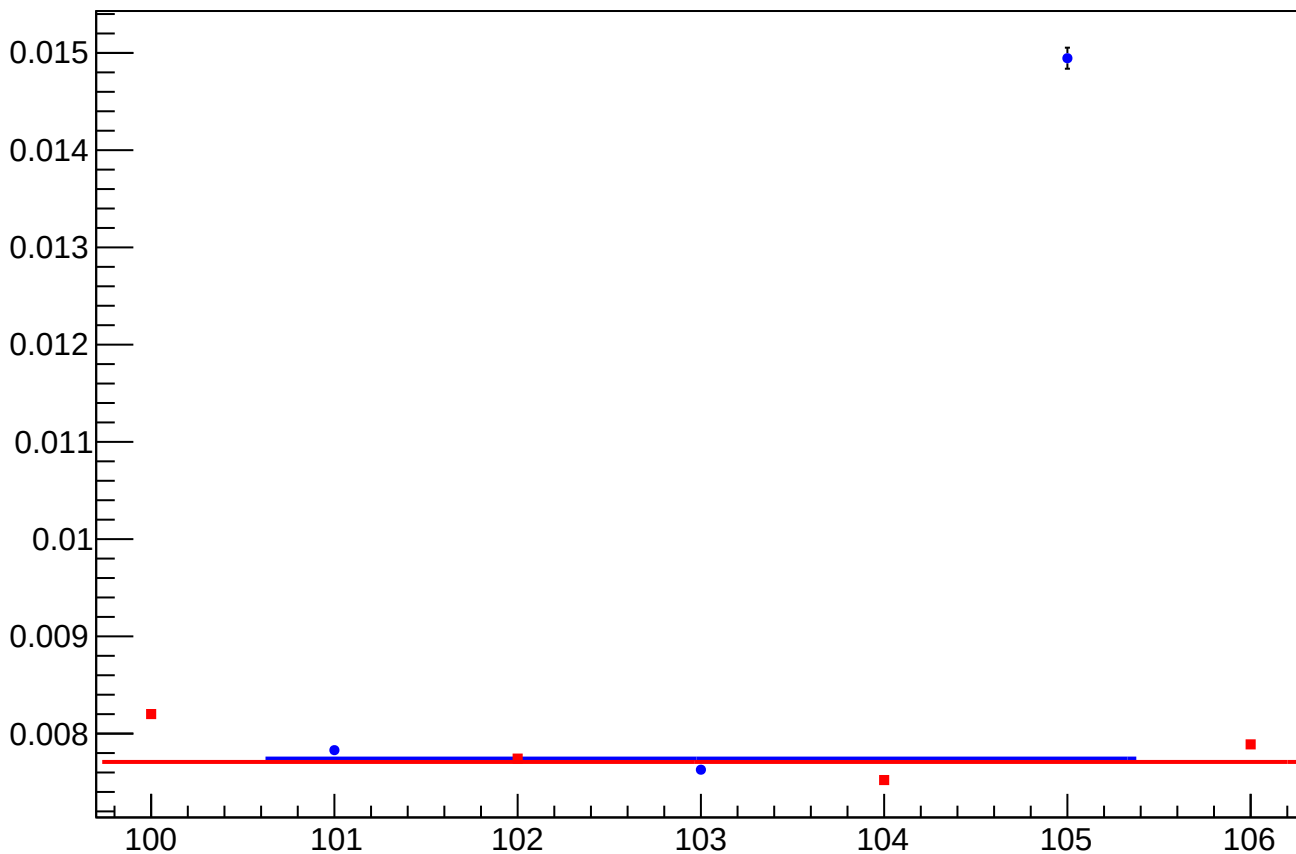
Right Out: 1.673 $\pm$ 0.000 χ^2 /NDF: 2912517368.6/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.882 $\pm$ 0.000 χ^2 /NDF: 22923371.7/2

1.673 $\pm$ 0.000 χ^2 /NDF: 2912517368.6/3

yield_bpm0l06X_rms vs slug



Right In: 0.008+/-0.000 χ^2/NDF : 4811.9/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

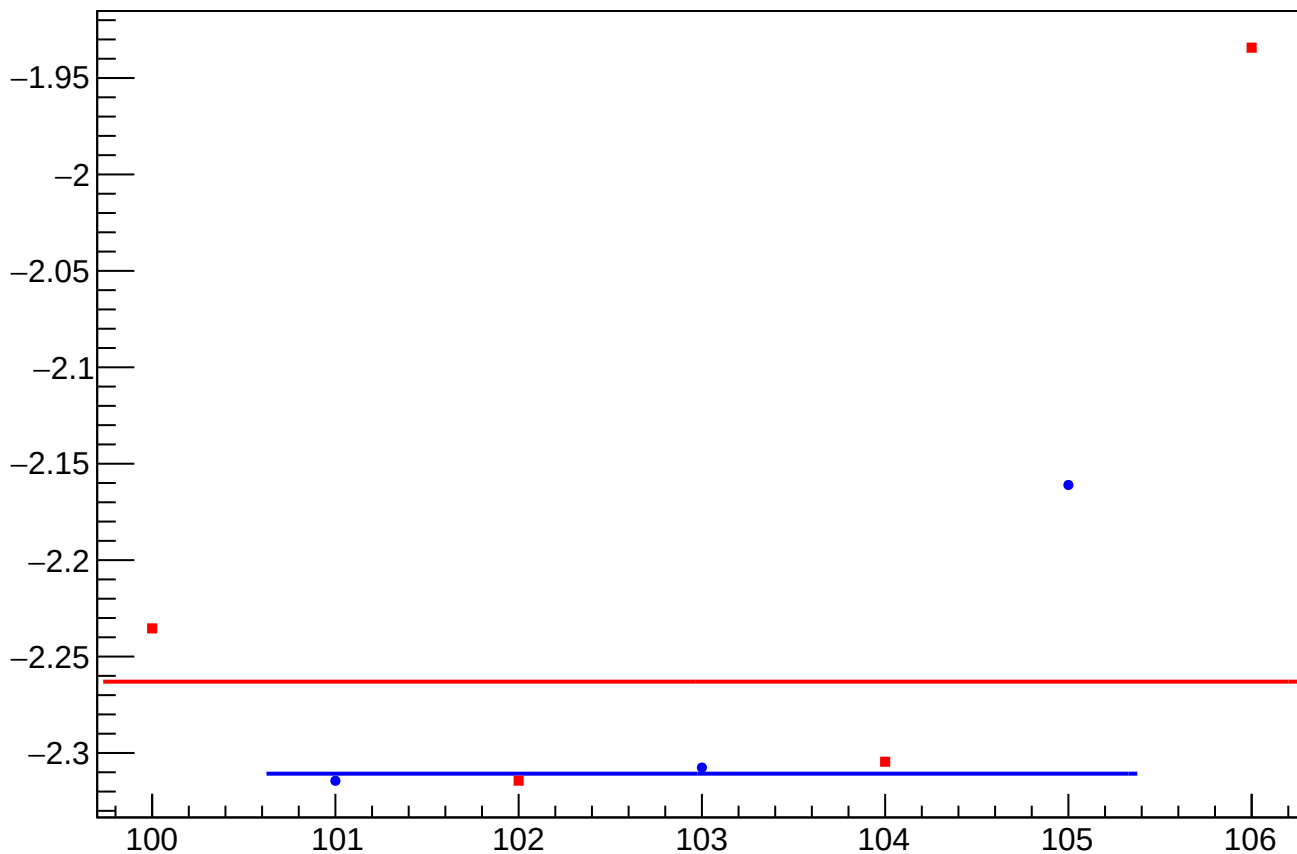
Right Out: 0.008+/-0.000 χ^2/NDF : 1361.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 4811.9/2

0.008+/-0.000 χ^2/NDF : 1361.9/3

yield_bpm0l06Y_mean vs slug



Right In: -2.311+/-0.000 χ^2/NDF : 8998997.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

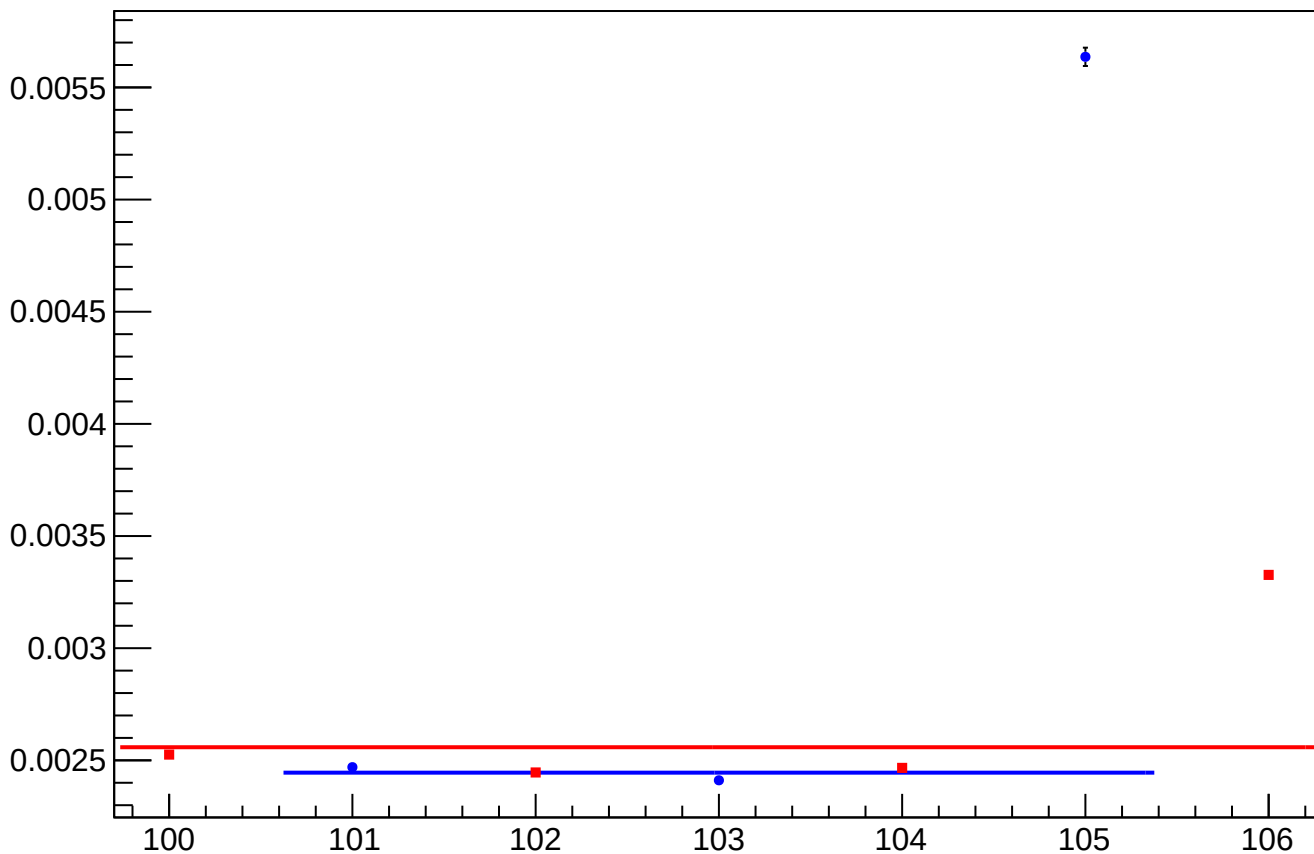
Right Out: -2.263+/-0.000 χ^2/NDF : 2896237842.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.311+/-0.000 χ^2/NDF : 8998997.0/2

-2.263+/-0.000 χ^2/NDF : 2896237842.8/3

yield_bpm0l06Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 6446.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

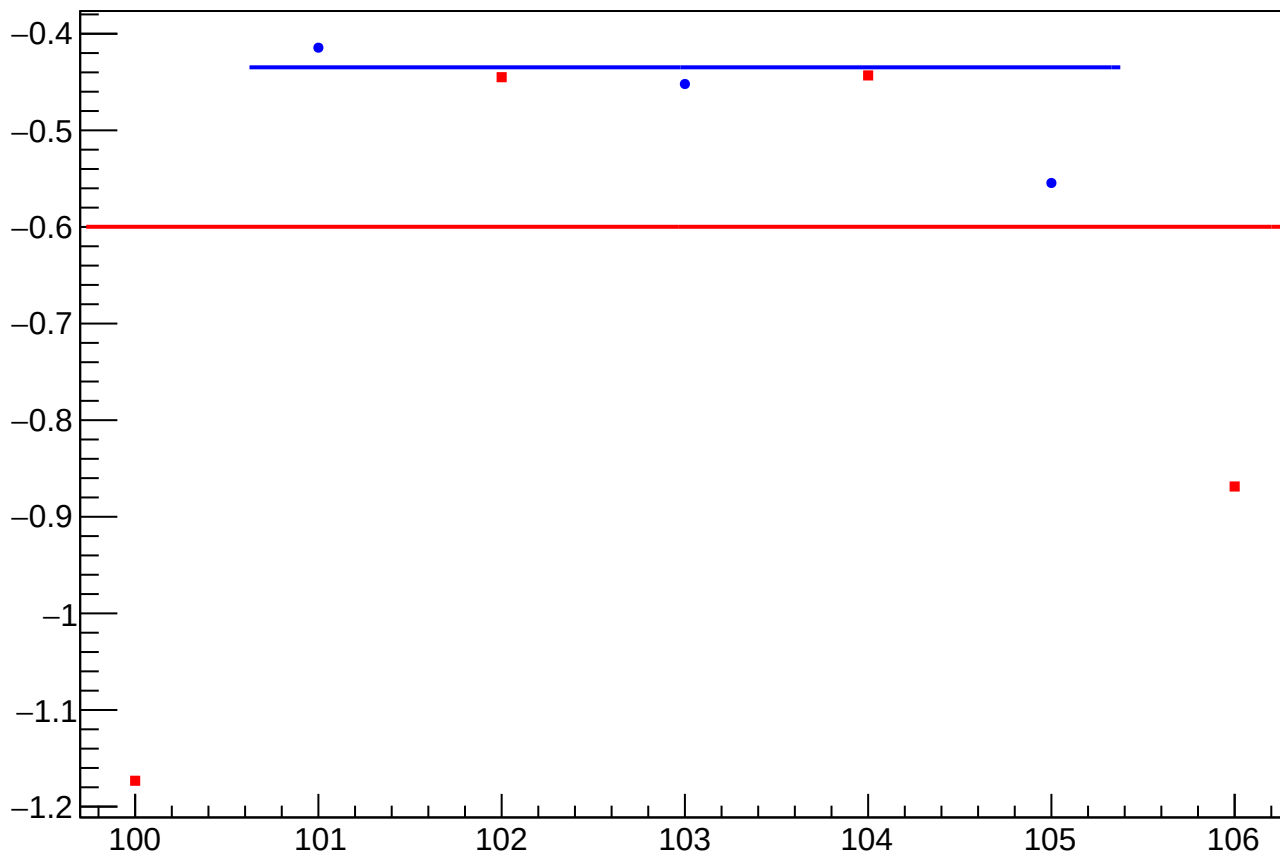
Right Out: 0.003+/-0.000 χ^2/NDF : 31107.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 6446.3/2

0.003+/-0.000 χ^2/NDF : 31107.5/3

yield_bpm0l07X_mean vs slug



Right In: -0.435+/-0.000 χ^2/NDF : 3220383.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

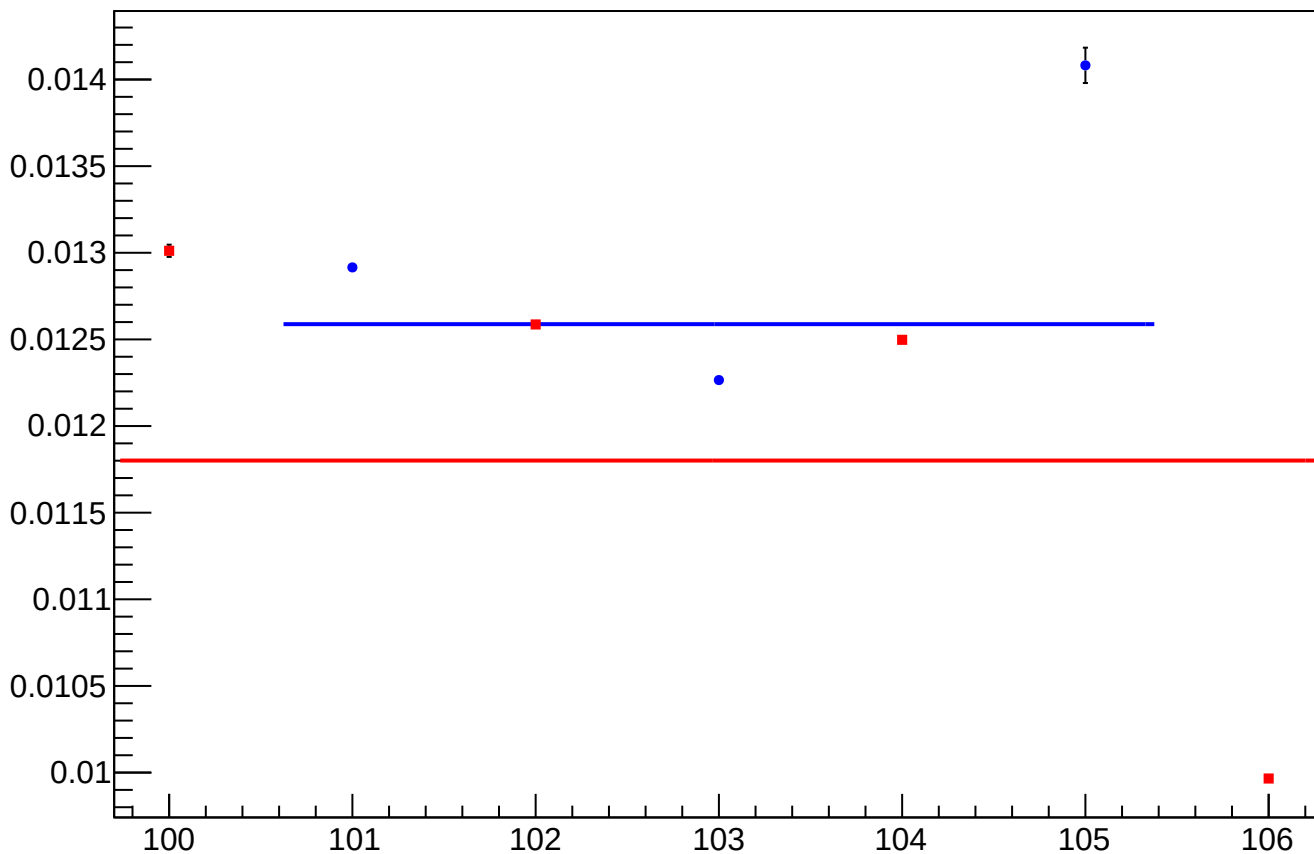
Right Out: -0.600+/-0.000 χ^2/NDF : 495635309.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.435+/-0.000 χ^2/NDF : 3220383.7/2

-0.600+/-0.000 χ^2/NDF : 495635309.1/3

yield_bpm0l07X_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 1728.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

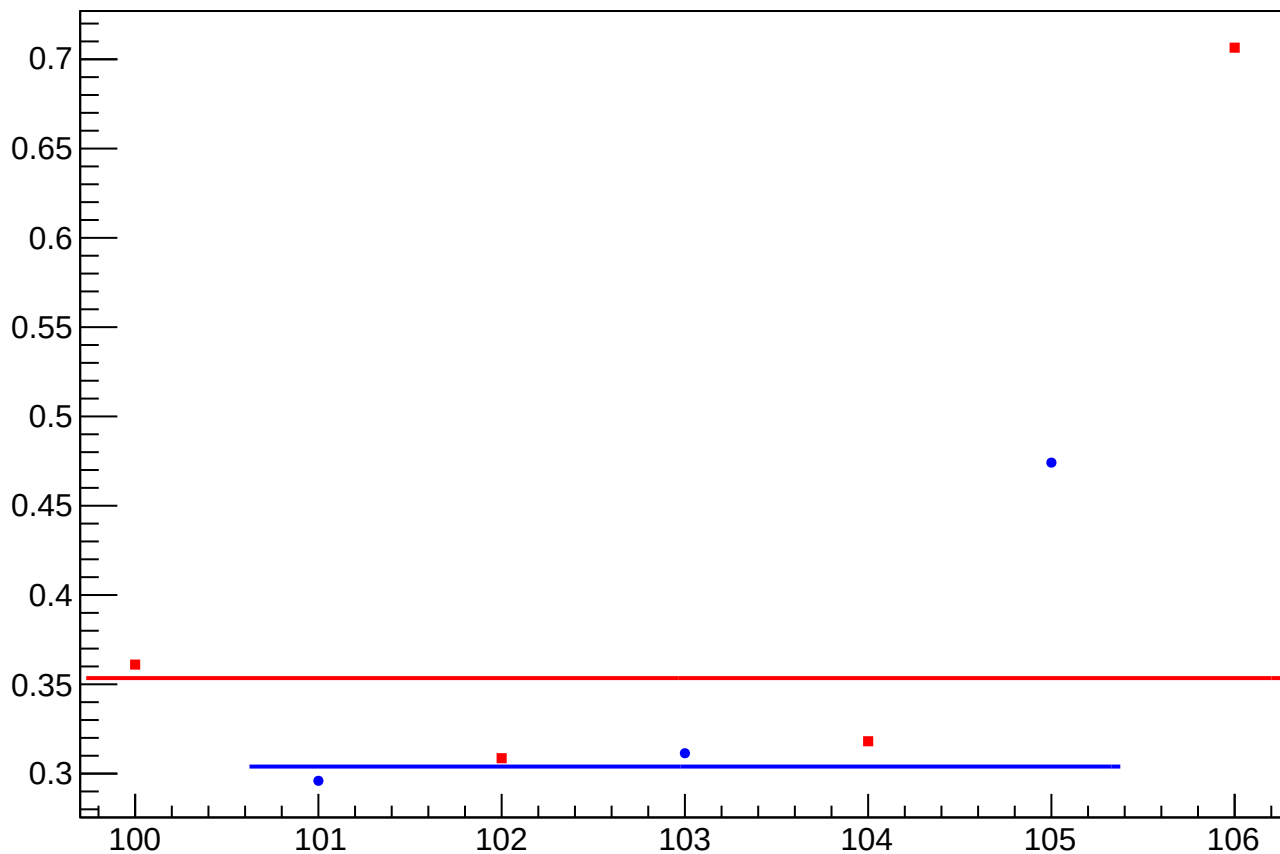
Right Out: 0.012+/-0.000 χ^2/NDF : 27675.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 1728.2/2

0.012+/-0.000 χ^2/NDF : 27675.9/3

yield_bpm0l07Y_mean vs slug



Right In: 0.304 $\pm$ 0.000 χ^2 /NDF: 13910661.1/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

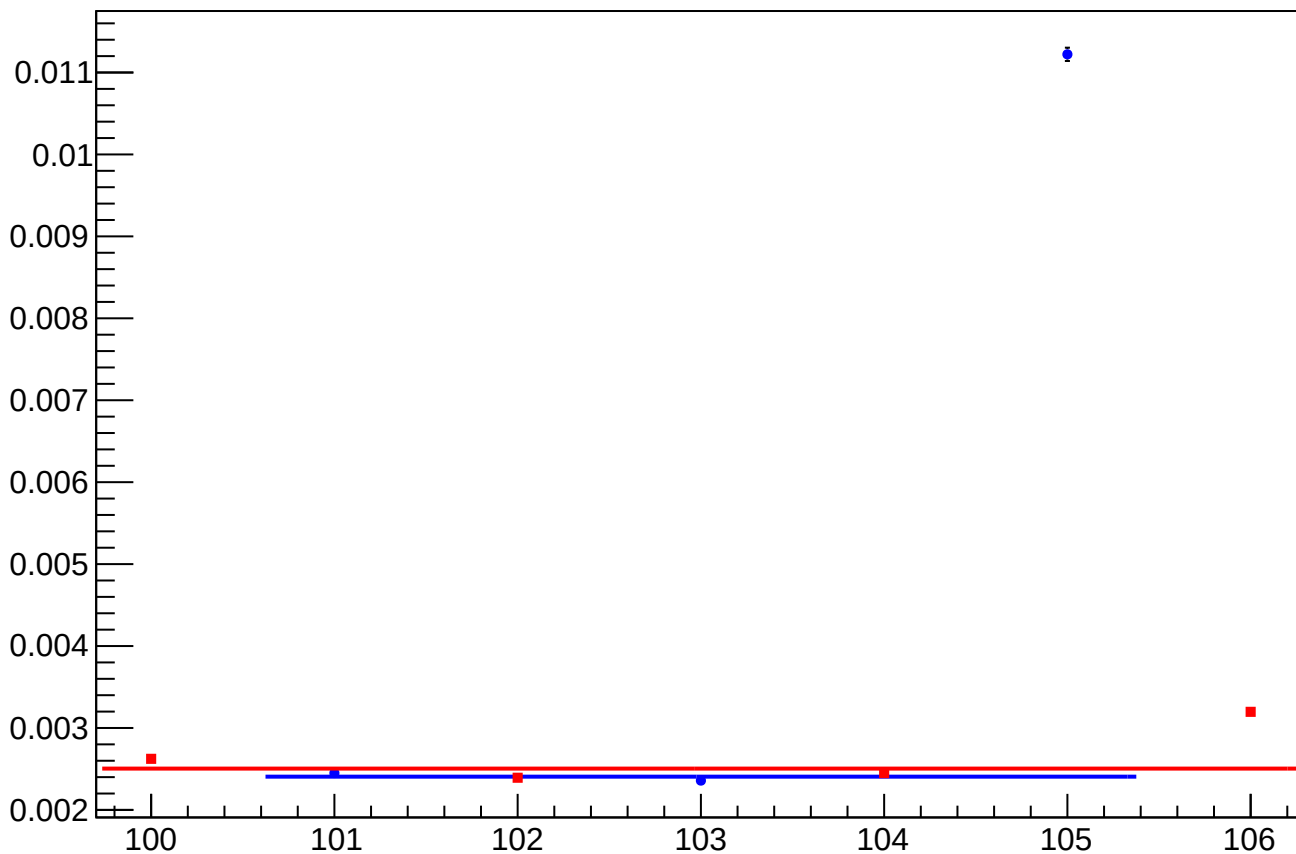
Right Out: 0.353 $\pm$ 0.000 χ^2 /NDF: 2745218117.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.304 $\pm$ 0.000 χ^2 /NDF: 13910661.1/2

0.353 $\pm$ 0.000 χ^2 /NDF: 2745218117.2/3

yield_bpm0l07Y_rms vs slug



Right In: 0.002+/-0.000 χ^2/NDF : 12596.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

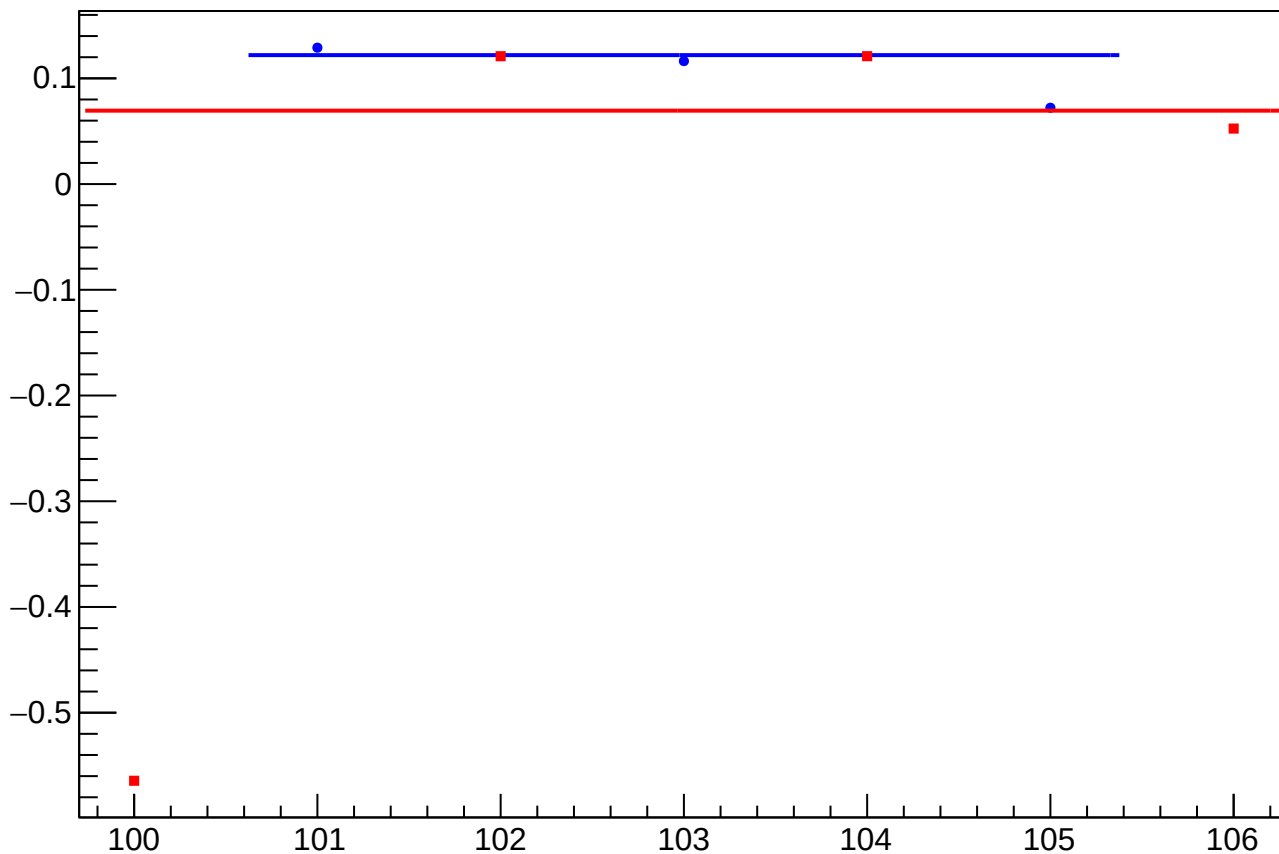
Right Out: 0.003+/-0.000 χ^2/NDF : 22019.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 12596.6/2

0.003+/-0.000 χ^2/NDF : 22019.9/3

yield_bpm0l08X_mean vs slug



Right In: 0.122 $\pm$ 0.000 χ^2 /NDF: 554563.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

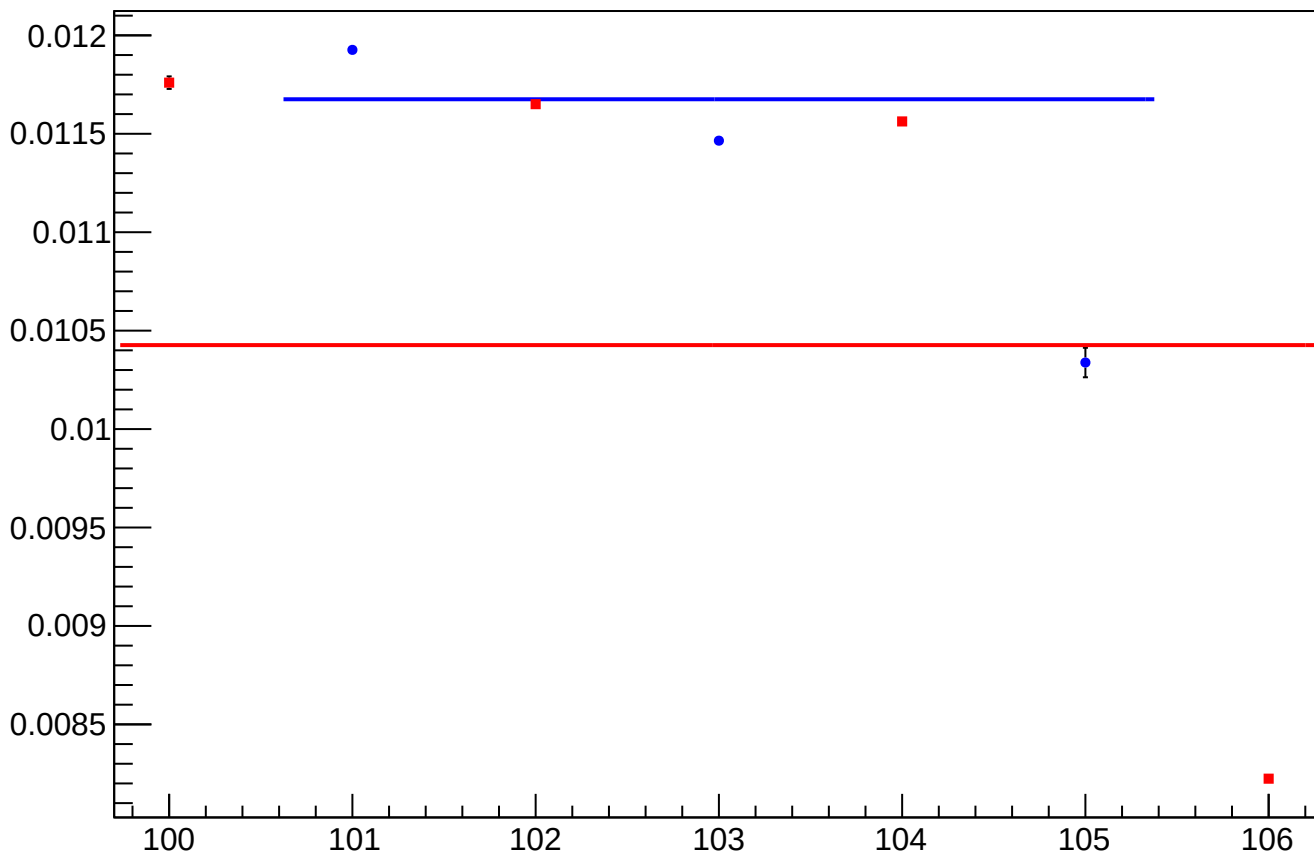
Right Out: 0.069 $\pm$ 0.000 χ^2 /NDF: 219063594.2/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.122 $\pm$ 0.000 χ^2 /NDF: 554563.8/2

0.069 $\pm$ 0.000 χ^2 /NDF: 219063594.2/3

yield_bpm0l08X_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 1200.8/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

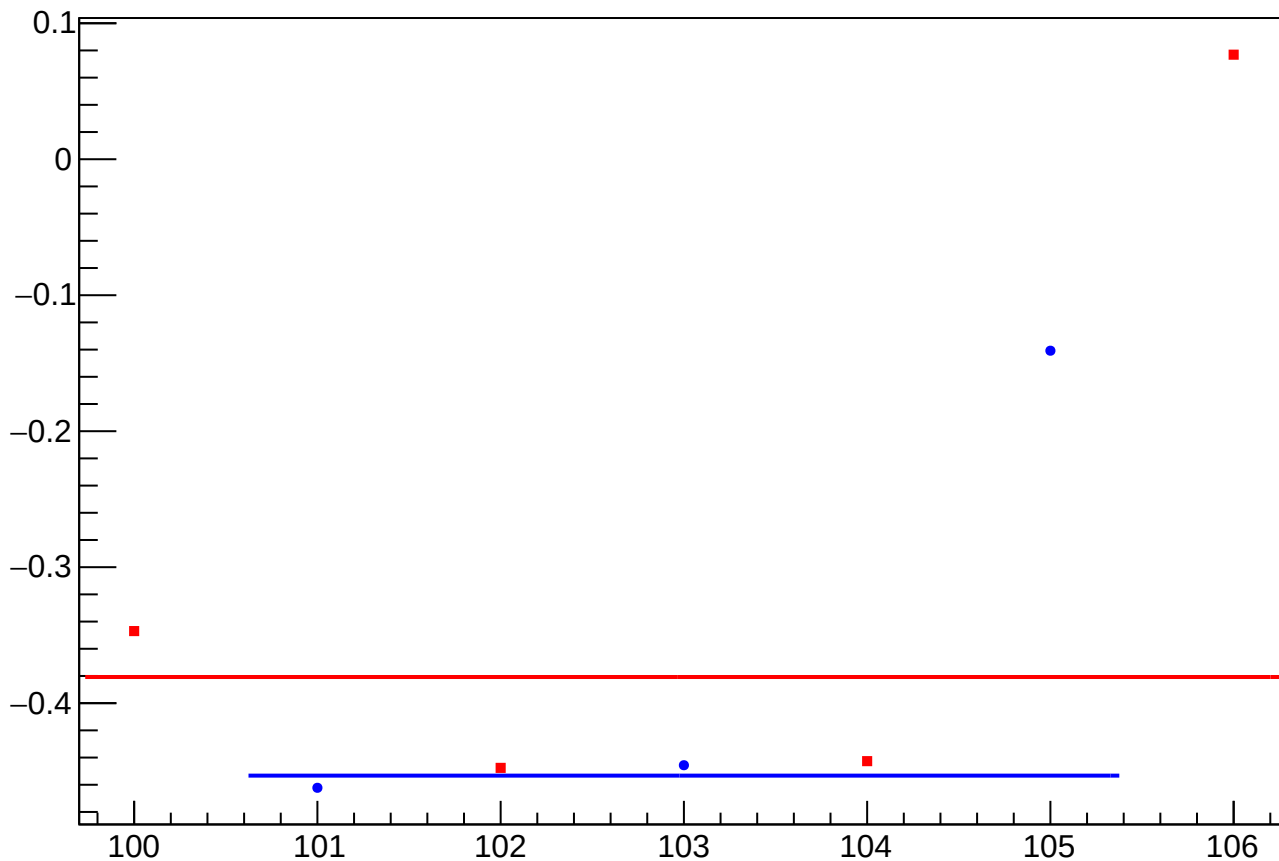
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 64596.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 1200.8/2

0.010 $\pm$ 0.000 χ^2 /NDF: 64596.7/3

yield_bpm0l08Y_mean vs slug



Right In: -0.453+/-0.000 χ^2/NDF : 9373705.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

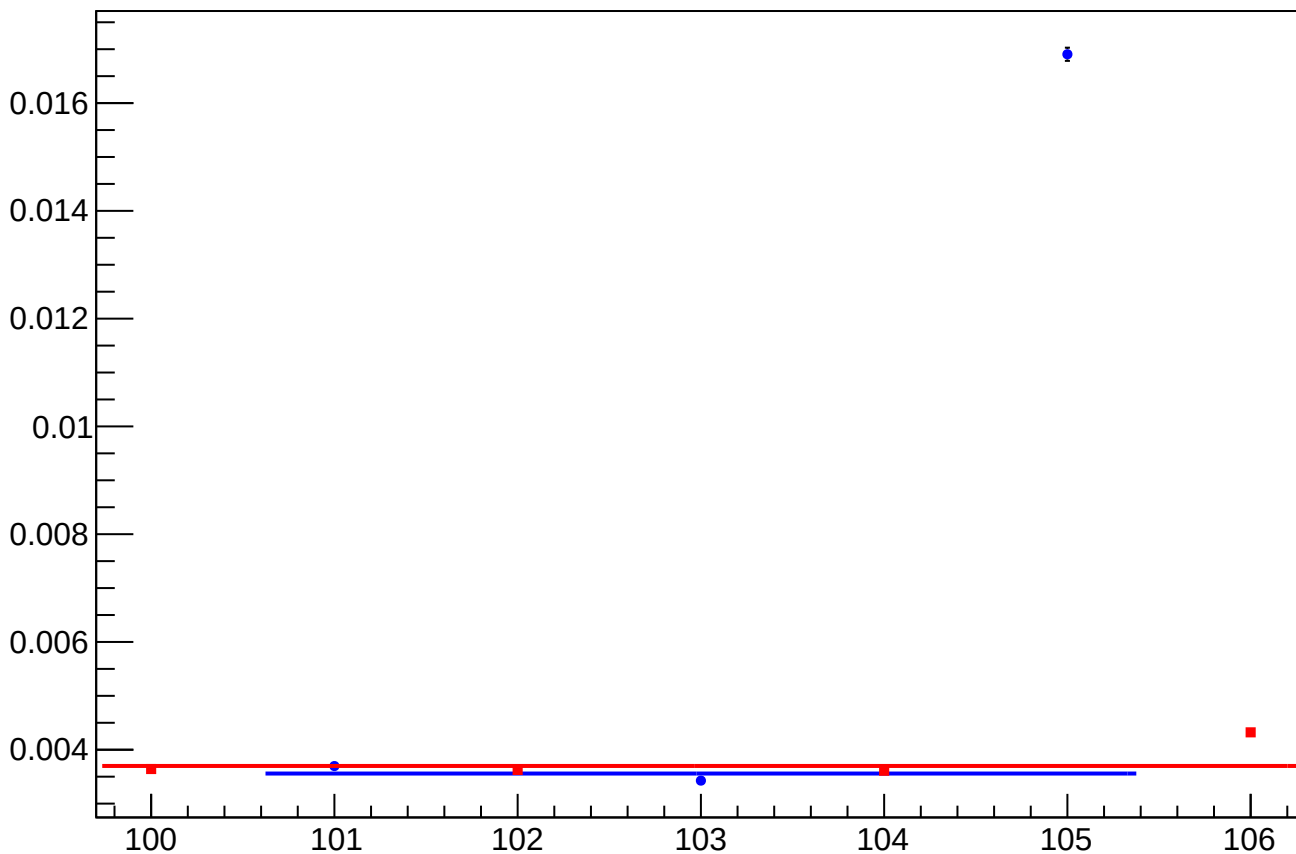
Right Out: -0.381+/-0.000 χ^2/NDF : 2502972821.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.453+/-0.000 χ^2/NDF : 9373705.4/2

-0.381+/-0.000 χ^2/NDF : 2502972821.9/3

yield_bpm0l08Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 15125.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

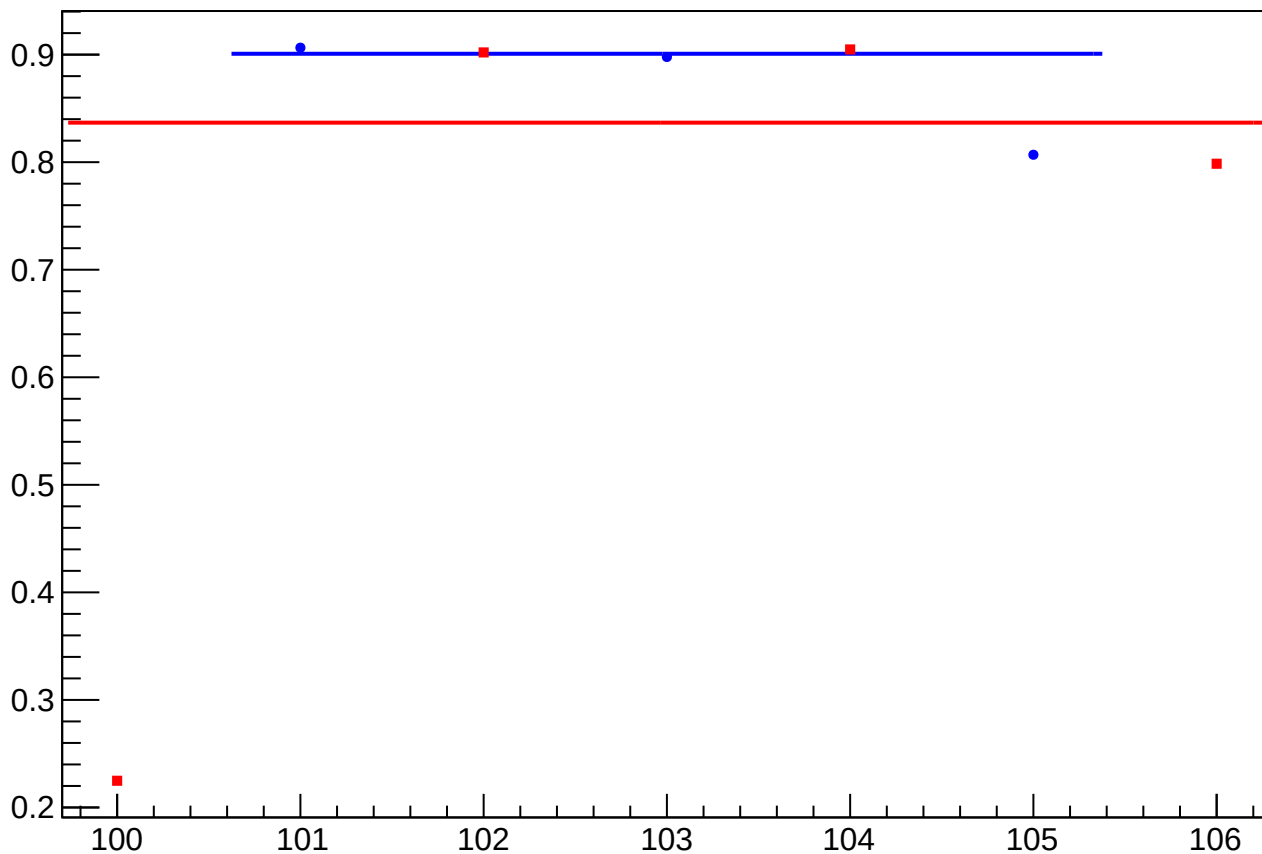
Right Out: 0.004+/-0.000 χ^2/NDF : 9139.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 15125.2/2

0.004+/-0.000 χ^2/NDF : 9139.5/3

yield_bpm0l09X_mean vs slug



Right In: 0.901 $\pm$ 0.000 χ^2 /NDF: 973813.6/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

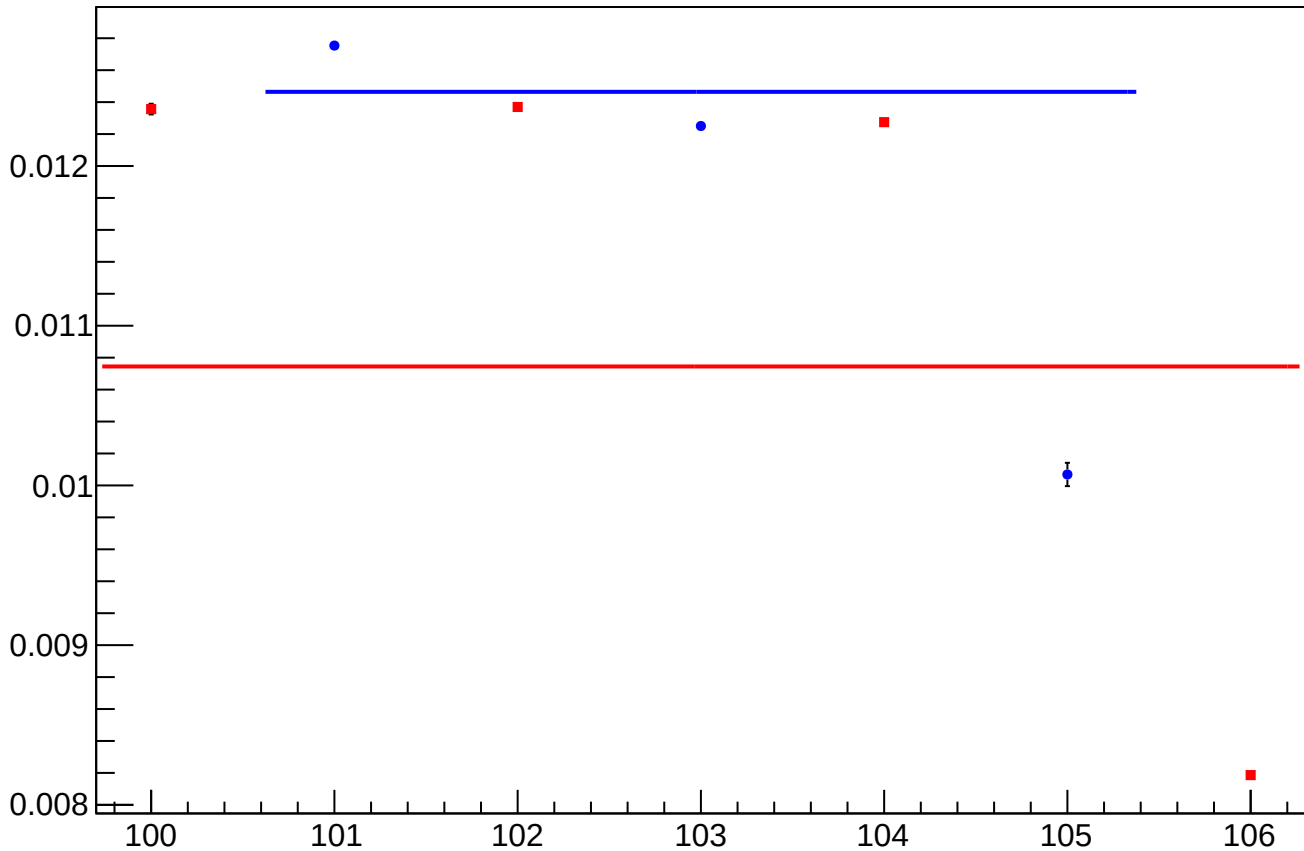
Right Out: 0.837 $\pm$ 0.000 χ^2 /NDF: 203415620.5/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.901 $\pm$ 0.000 χ^2 /NDF: 973813.6/2

0.837 $\pm$ 0.000 χ^2 /NDF: 203415620.5/3

yield_bpm0l09X_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2008.2/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

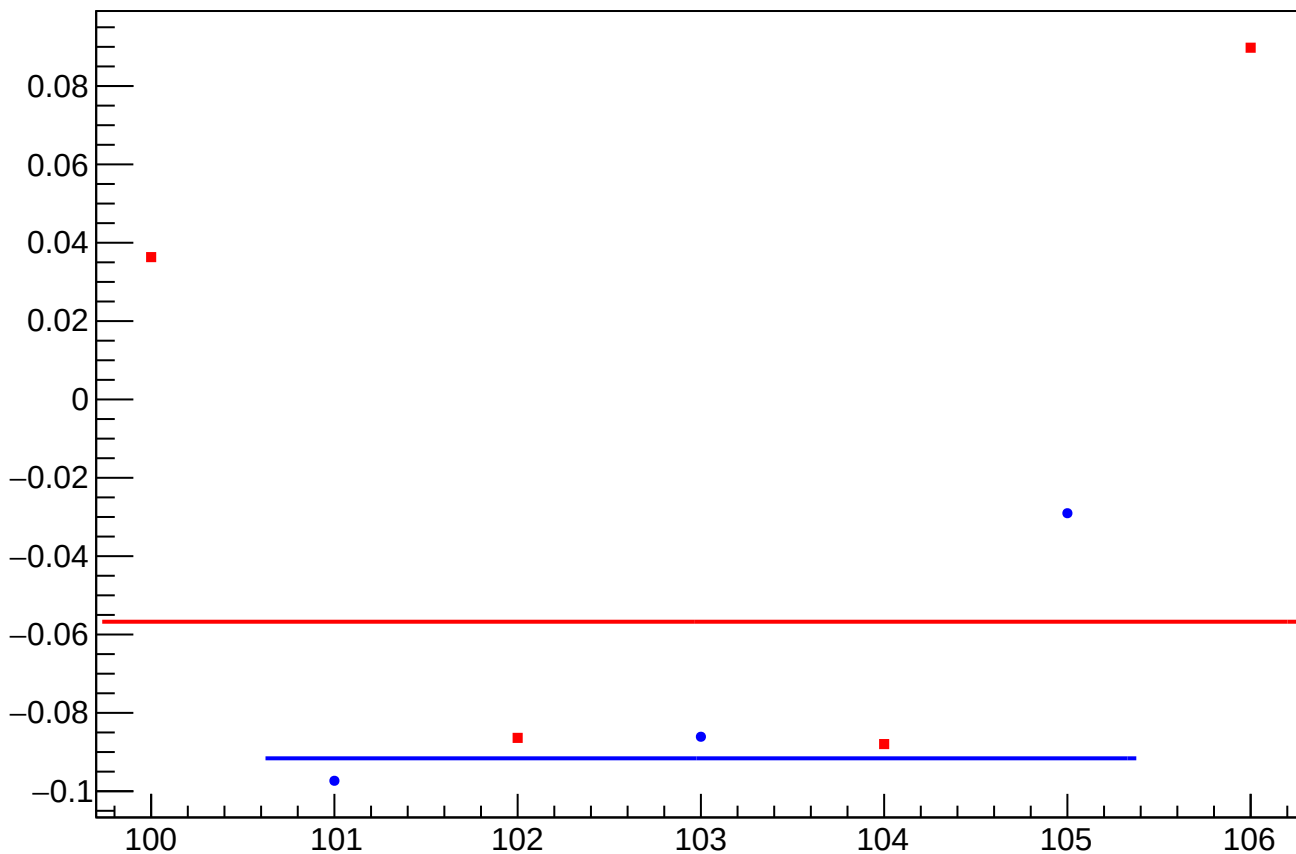
Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 92645.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 2008.2/2

0.011 $\pm$ 0.000 χ^2 /NDF: 92645.8/3

yield_bpm0l09Y_mean vs slug



Right In: -0.092+/-0.000 χ^2/NDF : 2467607.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

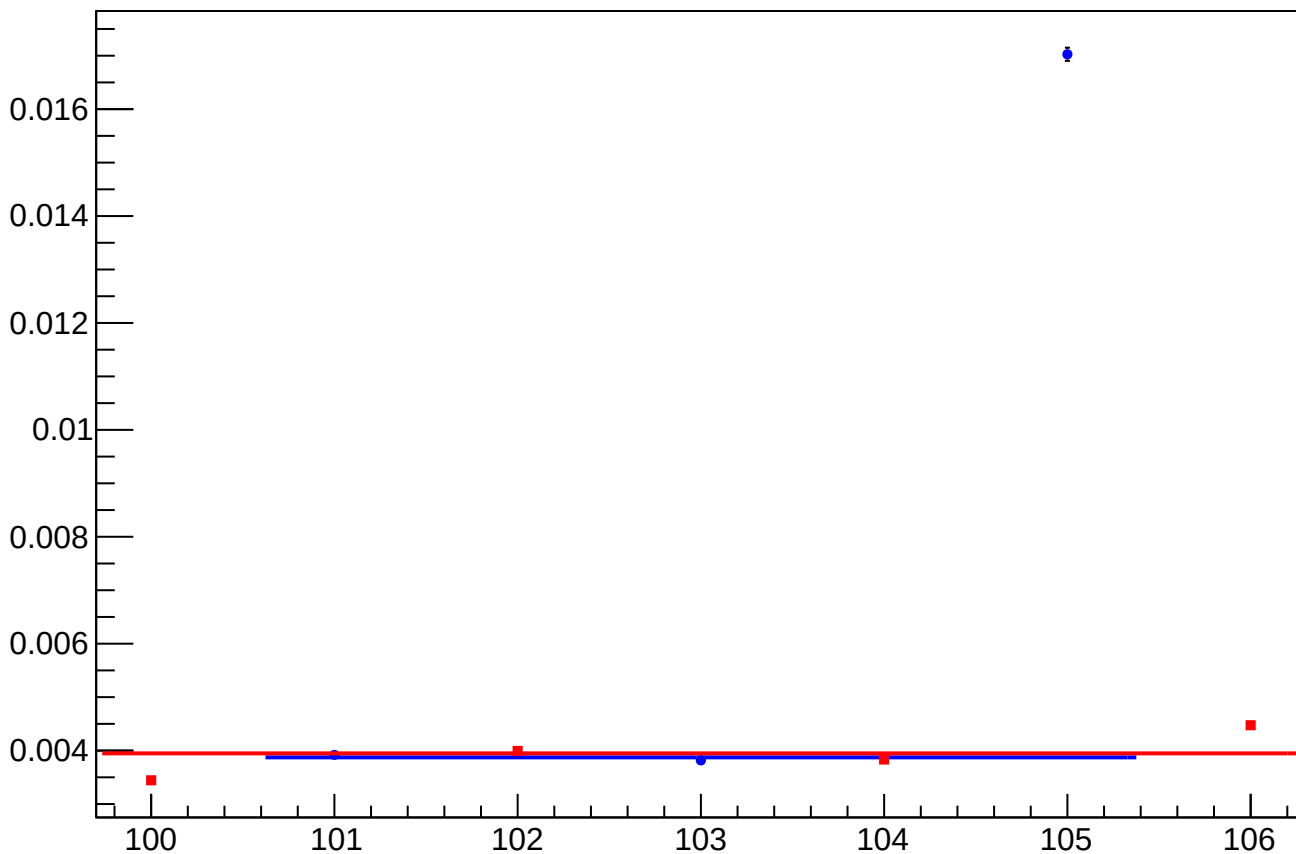
-0.092+/-0.000 χ^2/NDF : 2467607.0/2

Right Out: -0.057+/-0.000 χ^2/NDF : 316725493.7/3

-0.057+/-0.000 χ^2/NDF : 316725493.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 11763.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

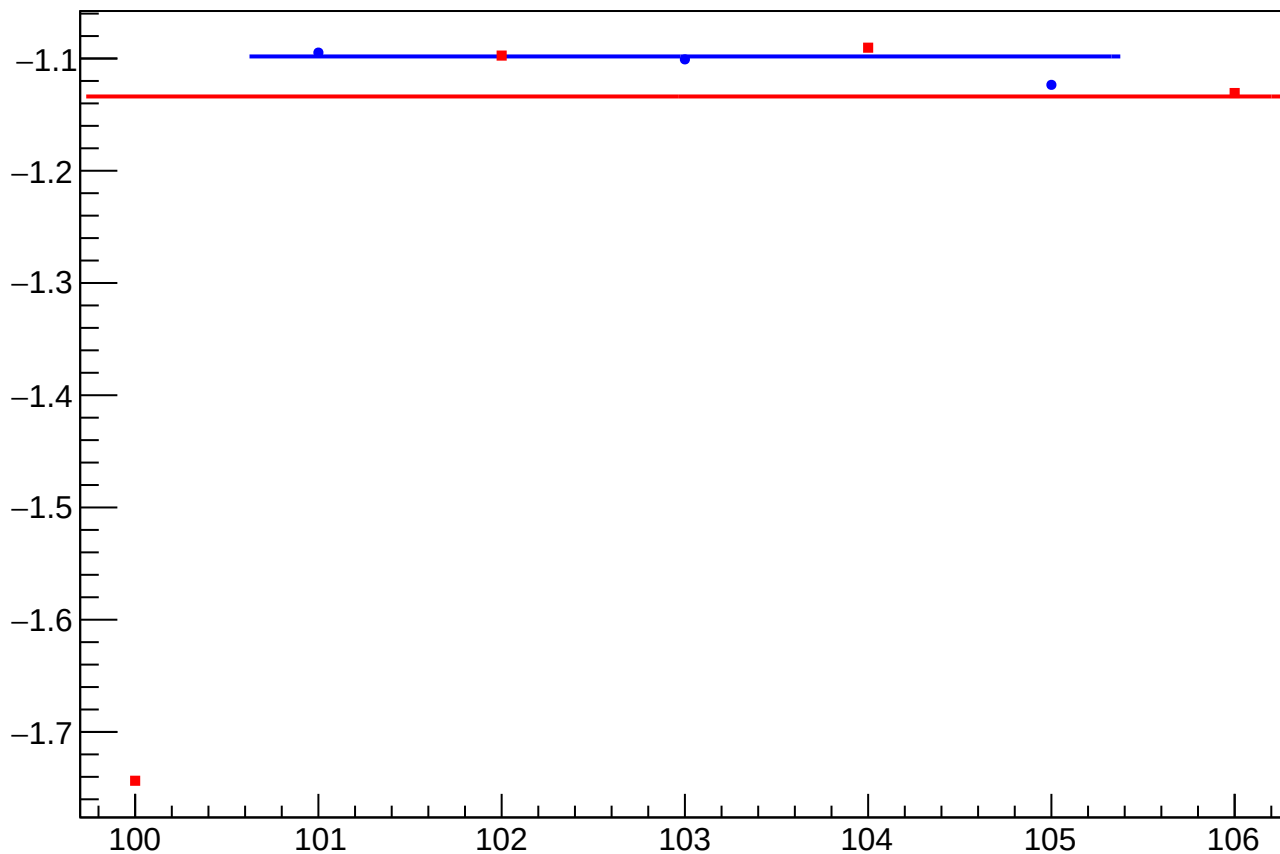
Right Out: 0.004+/-0.000 χ^2/NDF : 9269.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 11763.8/2

0.004+/-0.000 χ^2/NDF : 9269.0/3

yield_bpm0l10X_mean vs slug



Right In: -1.098+/-0.000 χ^2/NDF : 140987.8/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

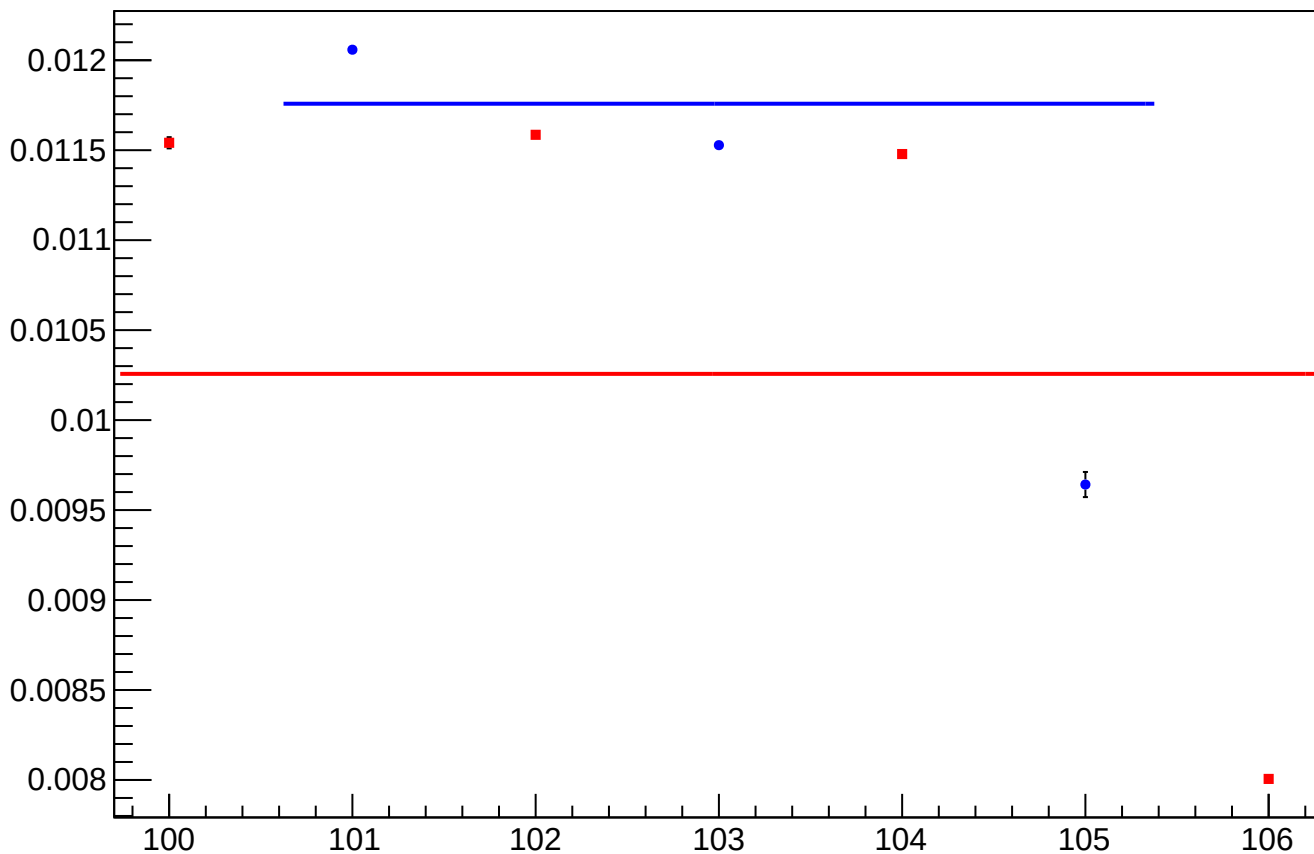
Right Out: -1.134+/-0.000 χ^2/NDF : 203335019.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.098+/-0.000 χ^2/NDF : 140987.8/2

-1.134+/-0.000 χ^2/NDF : 203335019.3/3

yield_bpm0l10X_rms vs slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 2070.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

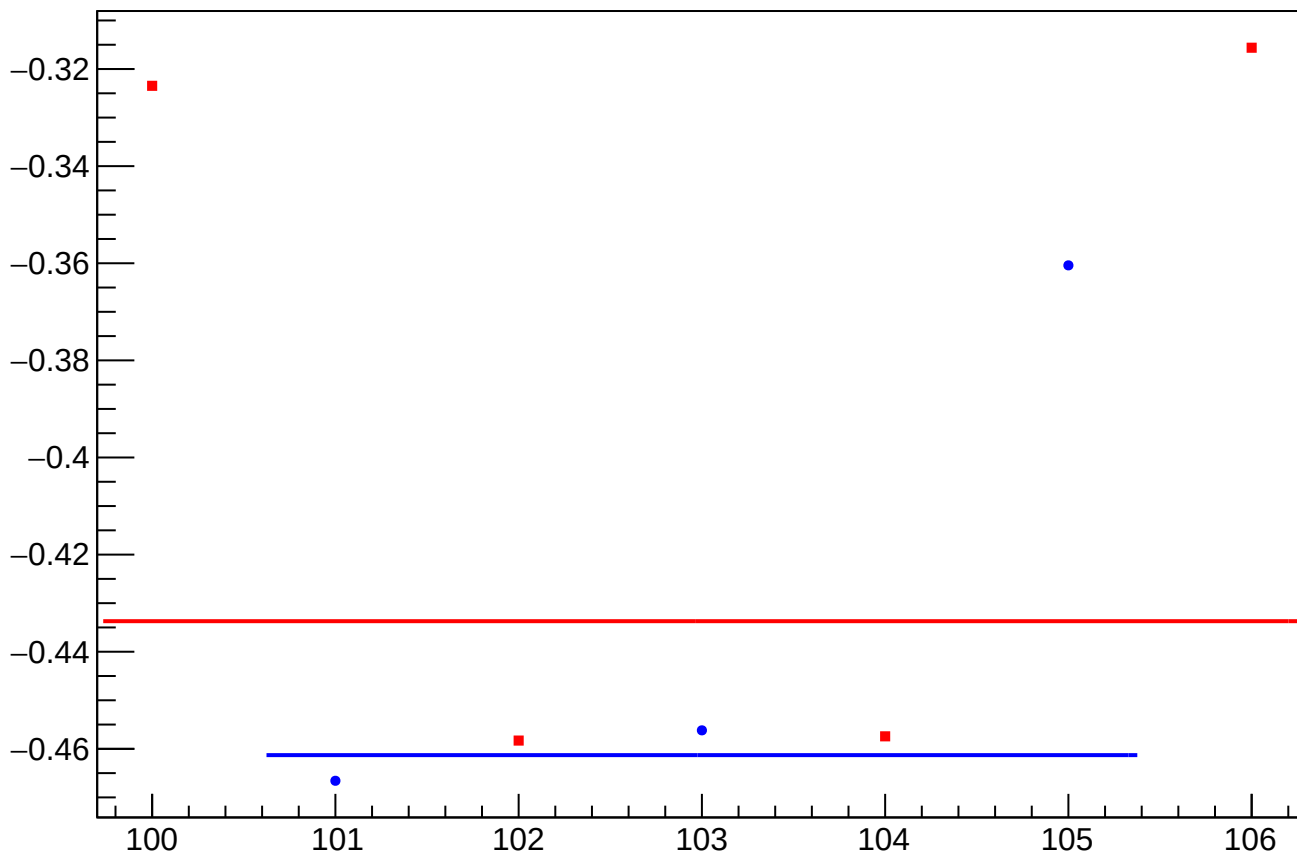
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 72797.4/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.000 χ^2 /NDF: 2070.0/2

0.010 $\pm$ 0.000 χ^2 /NDF: 72797.4/3

yield_bpm0l10Y_mean vs slug



Right In: -0.461+/-0.000 χ^2/NDF : 2672186.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

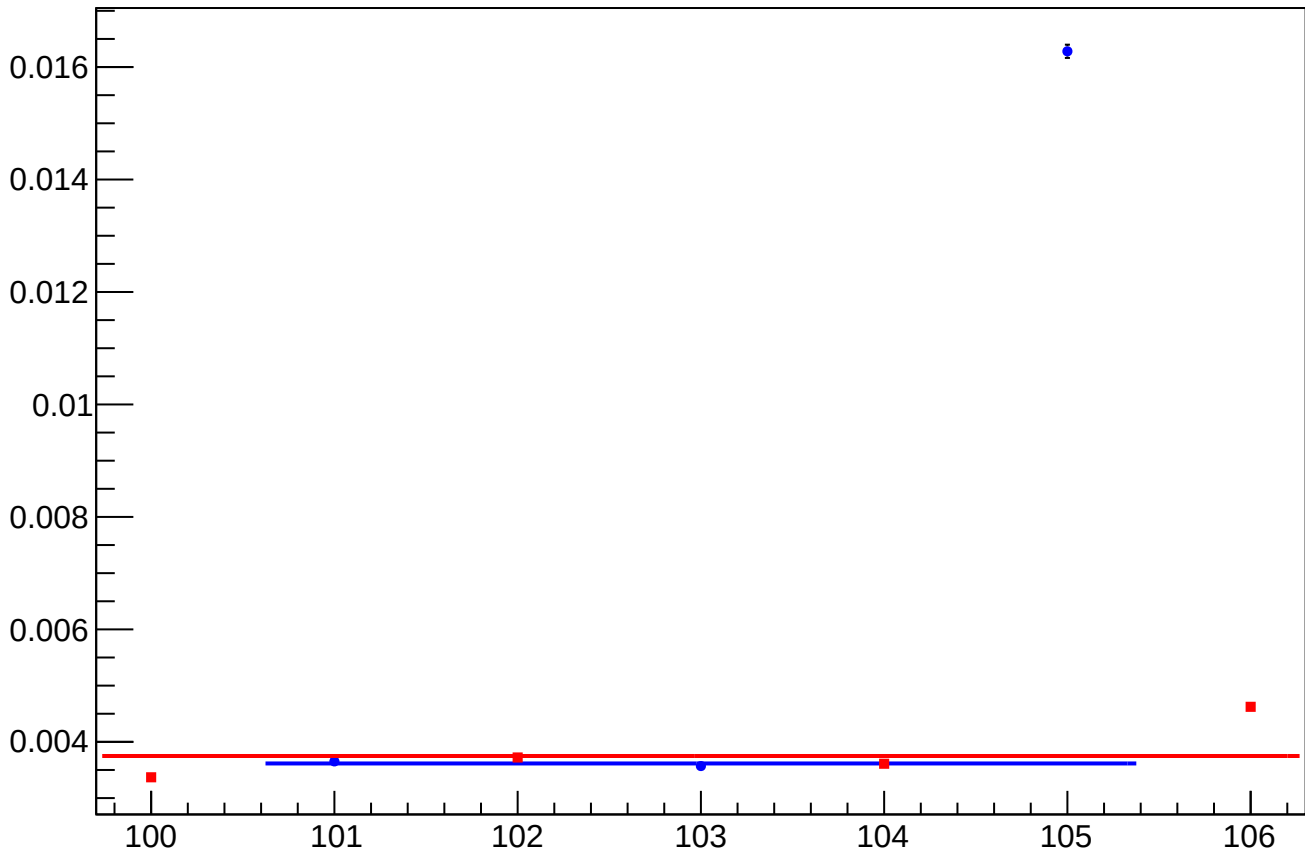
Right Out: -0.434+/-0.000 χ^2/NDF : 247197526.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.461+/-0.000 χ^2/NDF : 2672186.2/2

-0.434+/-0.000 χ^2/NDF : 247197526.0/3

yield_bpm0l10Y_rms vs slug



Right In: 0.004+/-0.000 χ^2/NDF : 11824.3/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

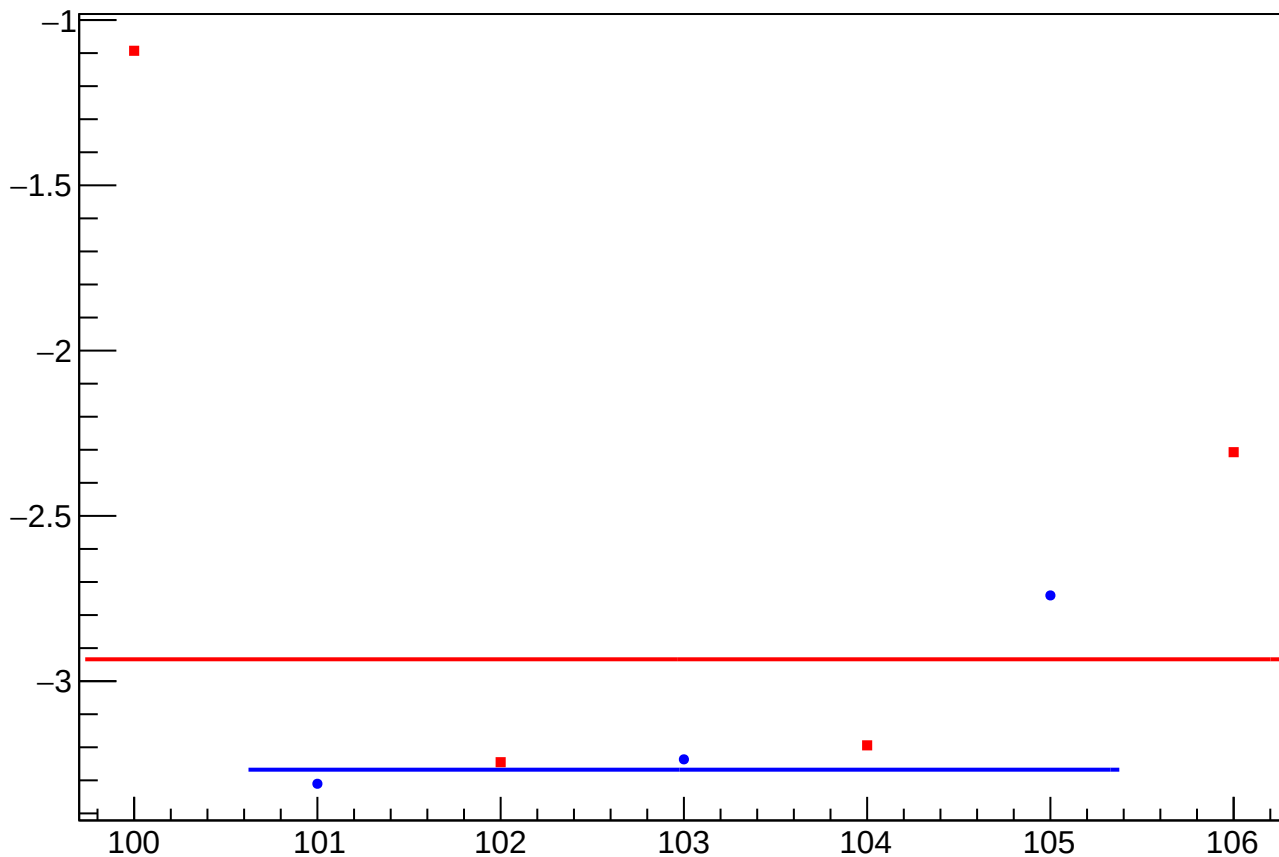
Right Out: 0.004+/-0.000 χ^2/NDF : 17447.5/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 11824.3/2

0.004+/-0.000 χ^2/NDF : 17447.5/3

yield_bpm0r03X_mean vs slug



Right In: -3.268+/-0.000 χ^2/NDF : 972606.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

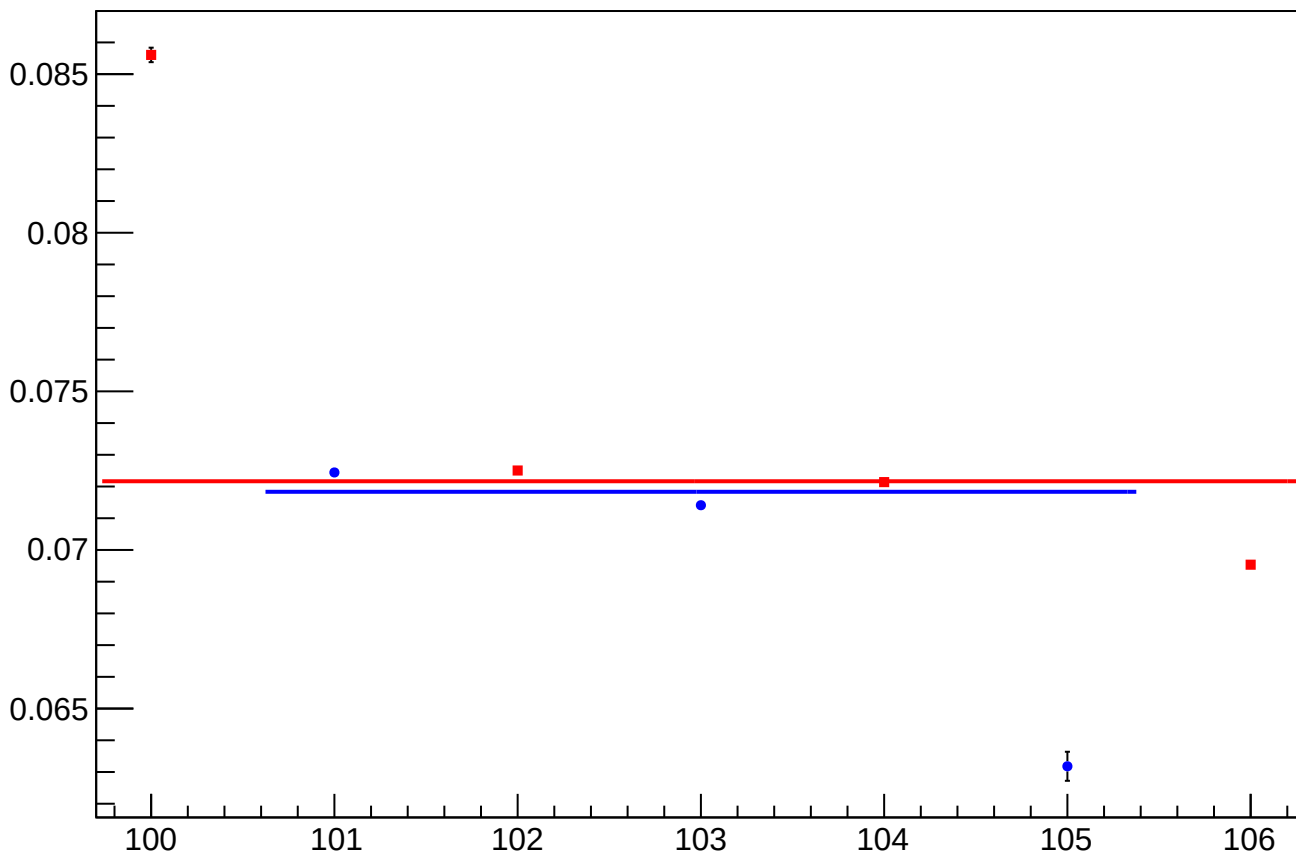
Right Out: -2.934+/-0.000 χ^2/NDF : 72809342.6/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.268+/-0.000 χ^2/NDF : 972606.2/2

-2.934+/-0.000 χ^2/NDF : 72809342.6/3

yield_bpm0r03X_rms vs slug



Right In: 0.072+/-0.000 χ^2/NDF : 479.4/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

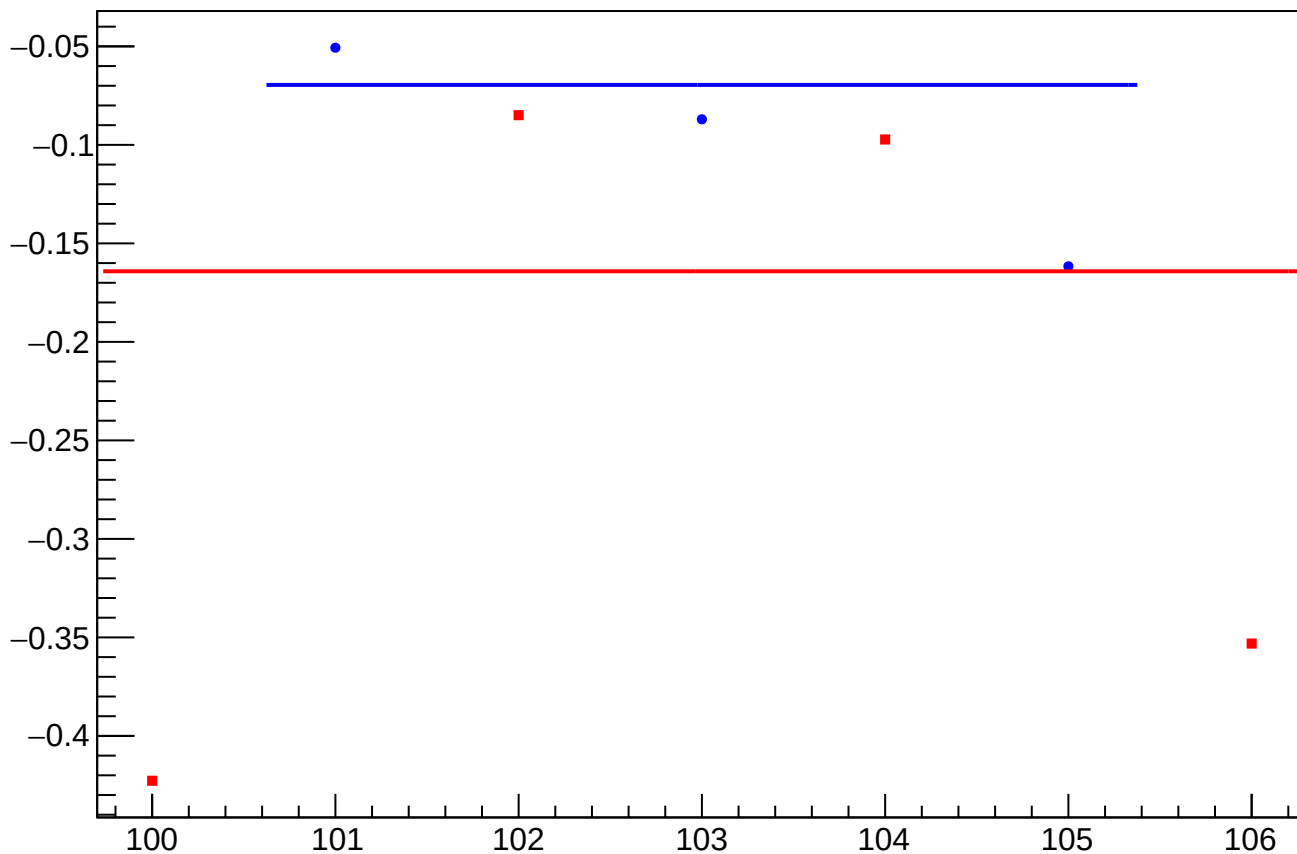
0.072+/-0.000 χ^2/NDF : 479.4/2

Right Out: 0.072+/-0.000 χ^2/NDF : 4334.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 4334.7/3

yield_bpm0r03Y_mean vs slug



Right In: -0.070+/-0.000 χ^2/NDF : 4499896.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

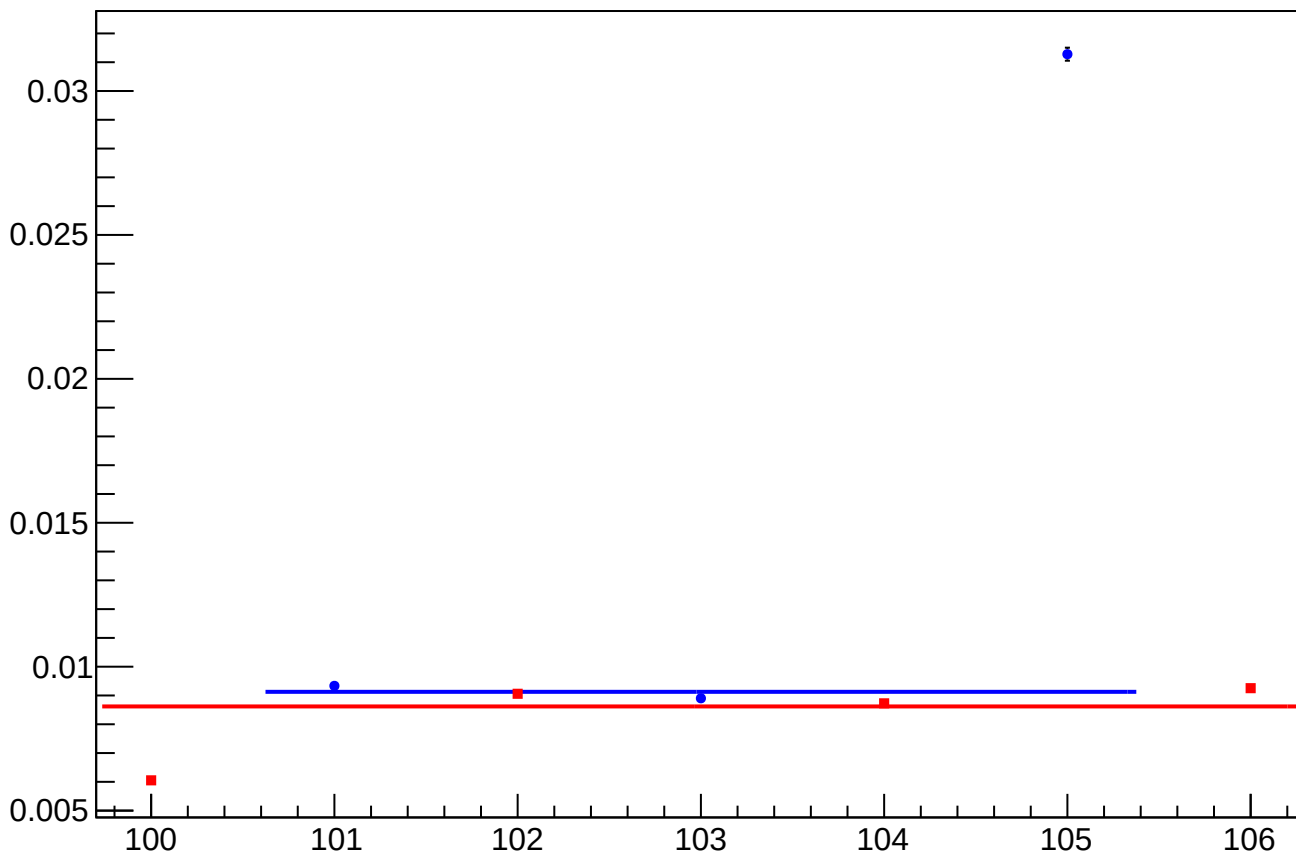
Right Out: -0.164+/-0.000 χ^2/NDF : 276191863.1/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.070+/-0.000 χ^2/NDF : 4499896.0/2

-0.164+/-0.000 χ^2/NDF : 276191863.1/3

yield_bpm0r03Y_rms vs slug



Right In: 0.009+/-0.000 χ^2/NDF : 10813.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

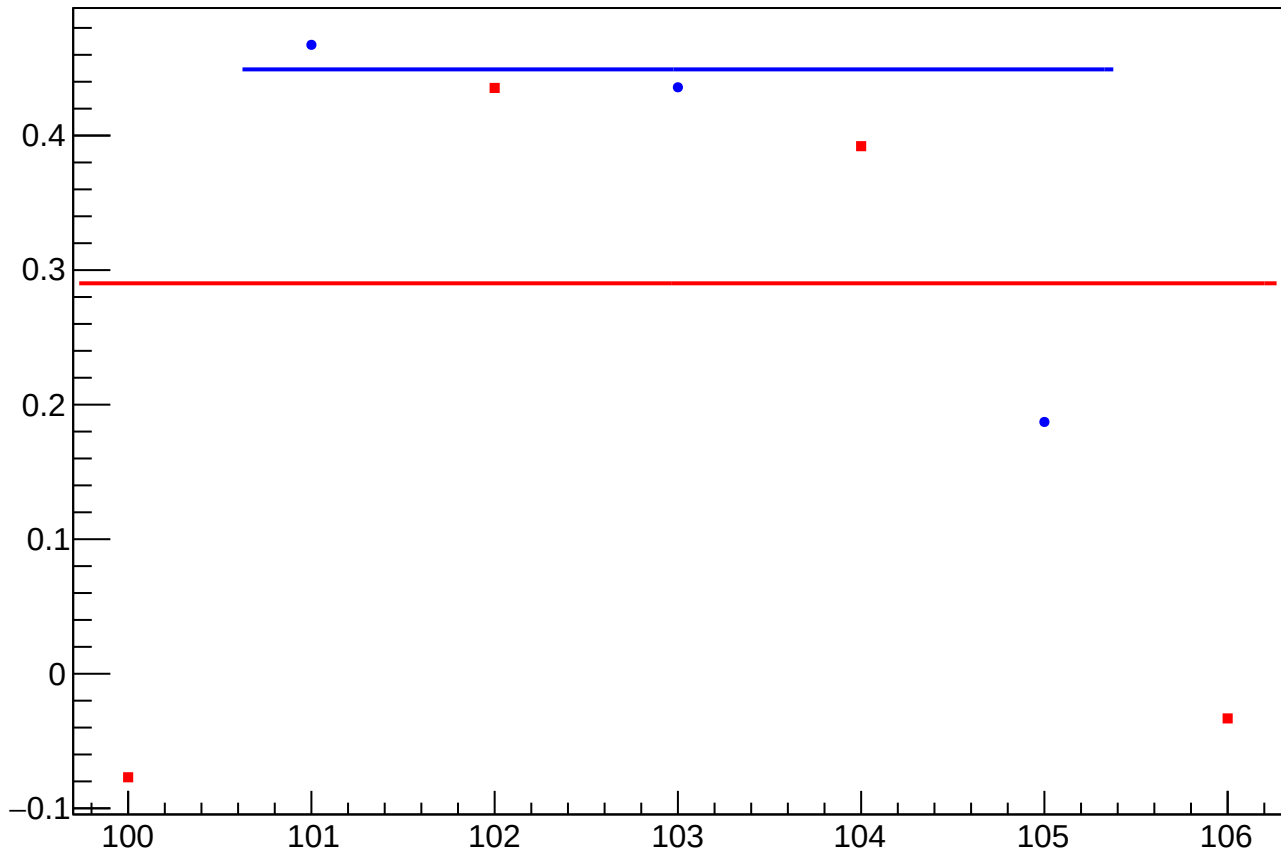
Right Out: 0.009+/-0.000 χ^2/NDF : 29724.3/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 10813.2/2

0.009+/-0.000 χ^2/NDF : 29724.3/3

yield_bpm0r05X_mean vs slug



Right In: 0.449 $\pm$ 0.000 χ^2 /NDF: 143556.4/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

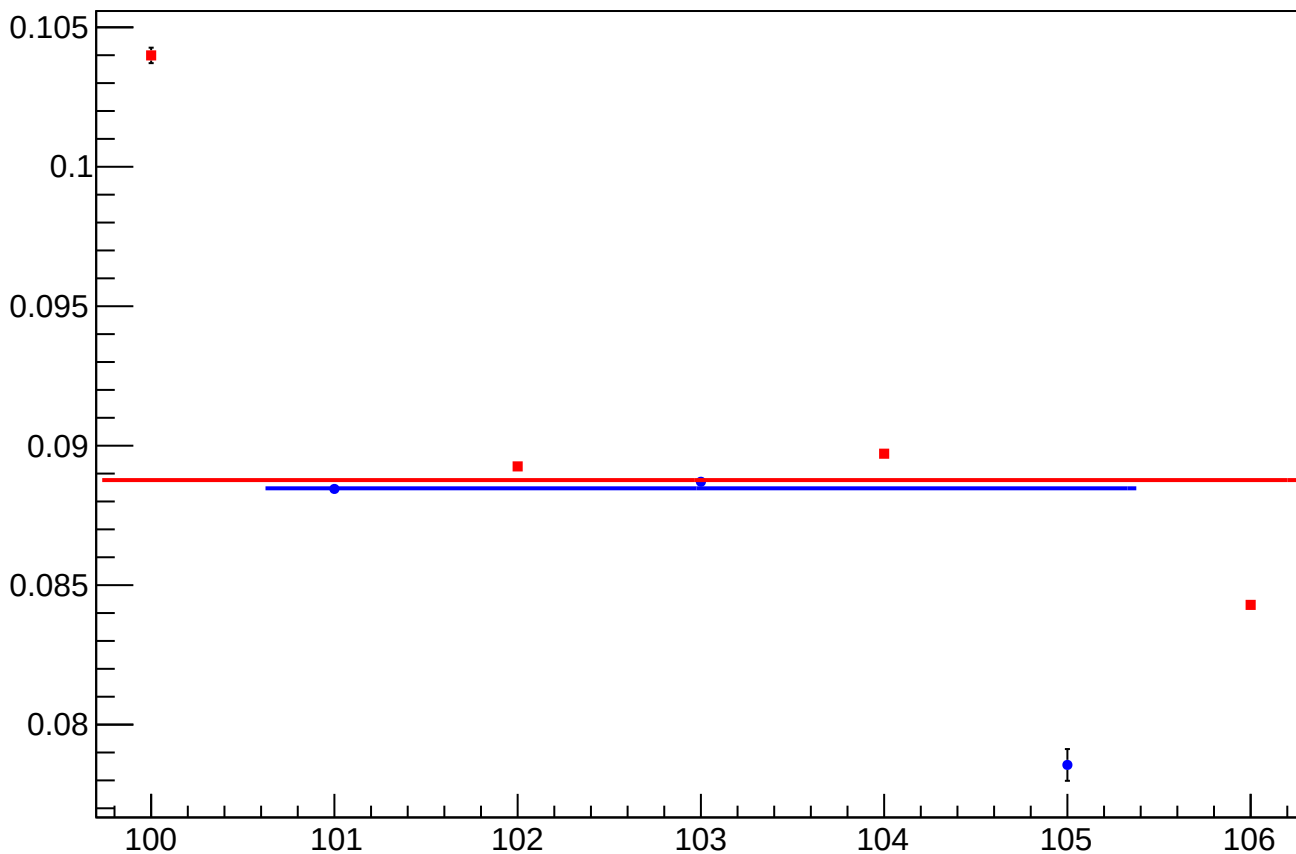
Right Out: 0.290 $\pm$ 0.000 χ^2 /NDF: 7373598.1/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.449 $\pm$ 0.000 χ^2 /NDF: 143556.4/2

0.290 $\pm$ 0.000 χ^2 /NDF: 7373598.1/3

yield_bpm0r05X_rms vs slug



Right In: 0.088+/-0.000 χ^2/NDF : 311.7/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

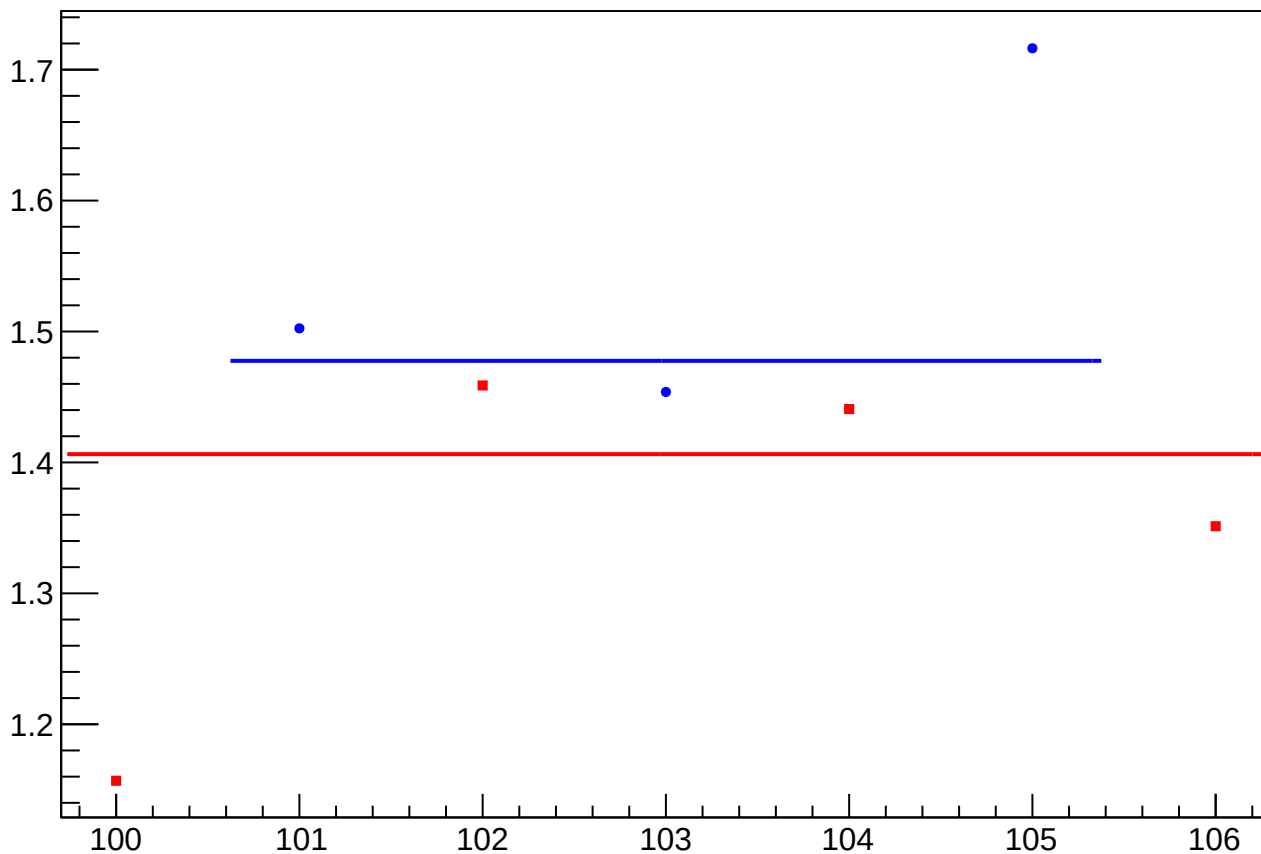
Right Out: 0.089+/-0.000 χ^2/NDF : 4851.8/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 311.7/2

0.089+/-0.000 χ^2/NDF : 4851.8/3

yield_bpm0r05Y_mean vs slug



Right In: 1.478+/-0.000 χ^2/NDF : 4041518.6/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

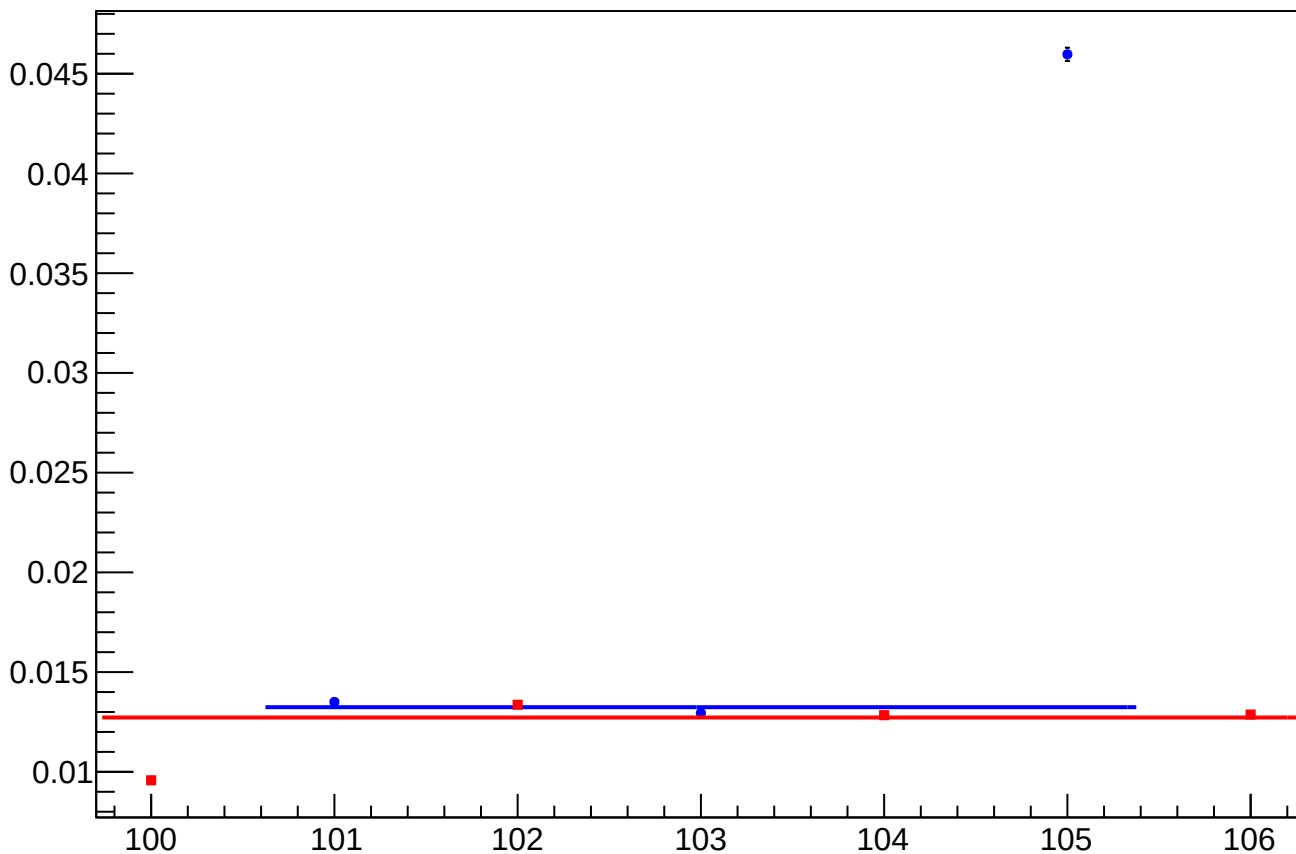
Right Out: 1.406+/-0.000 χ^2/NDF : 62783989.9/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.478+/-0.000 χ^2/NDF : 4041518.6/2

1.406+/-0.000 χ^2/NDF : 62783989.9/3

yield_bpm0r05Y_rms vs slug



Right In: 0.013+/-0.000 χ^2/NDF : 10657.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

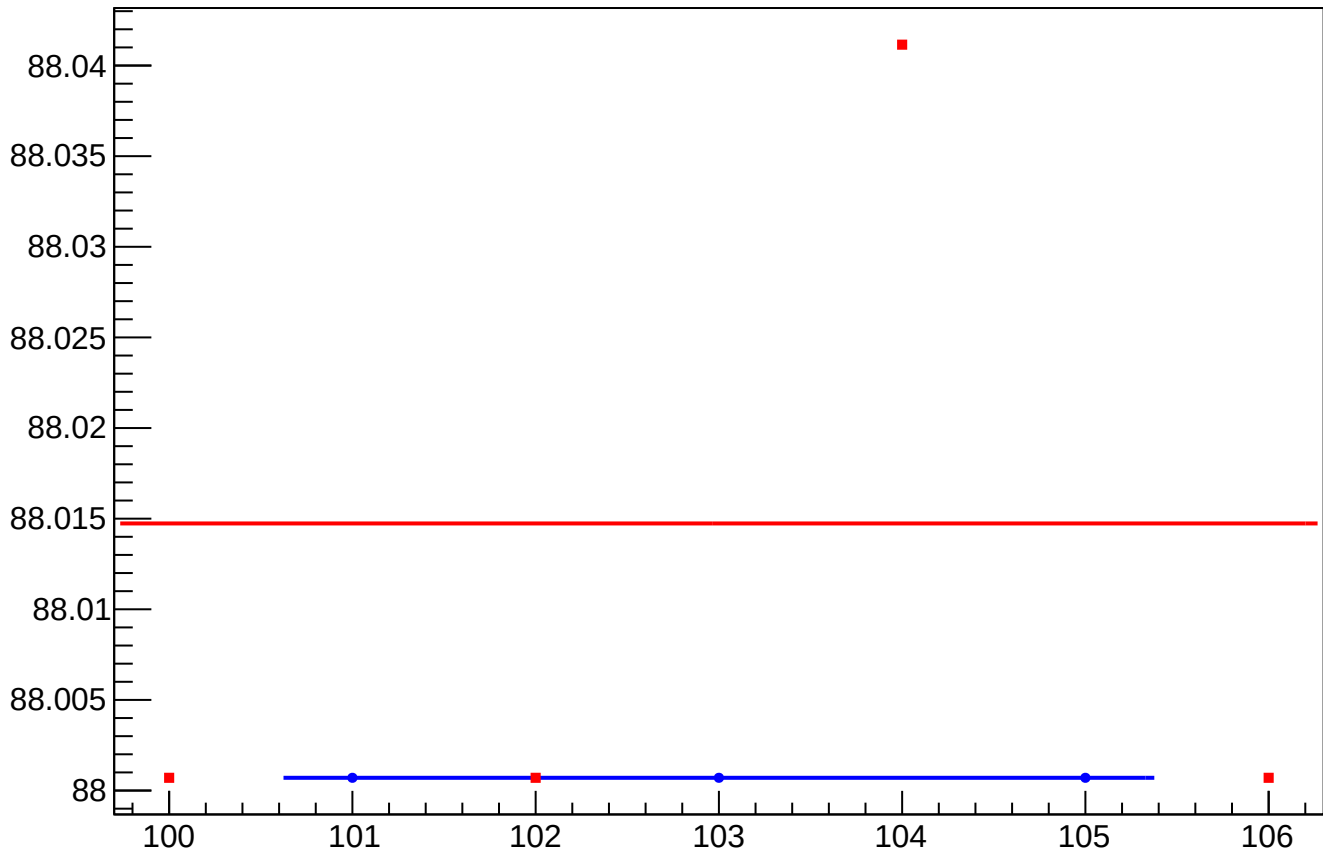
Right Out: 0.013+/-0.000 χ^2/NDF : 17753.7/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 10657.2/2

0.013+/-0.000 χ^2/NDF : 17753.7/3

epics_VWienAngles_mean vs slug



Right In: 88.001+/-0.000 χ^2/NDF : 3231.2/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

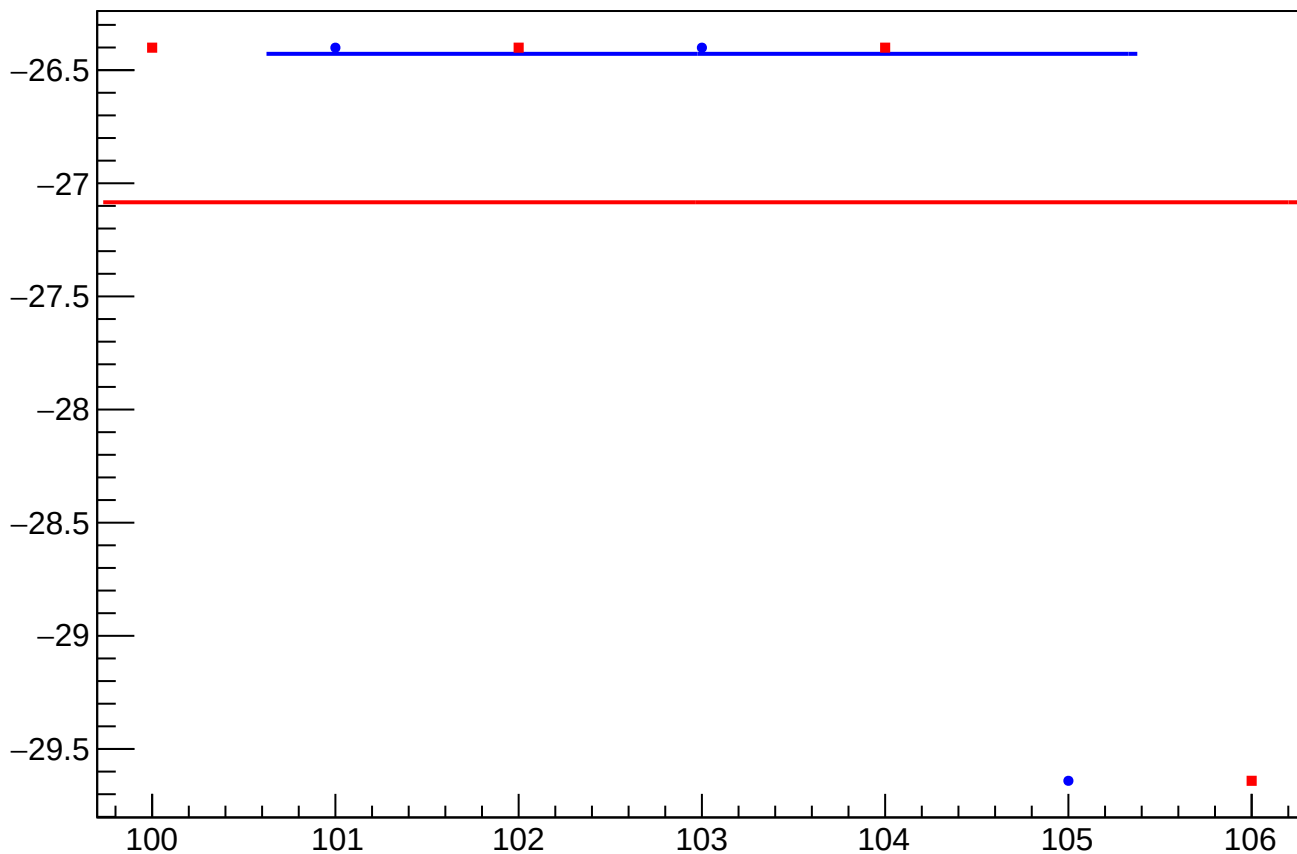
88.001+/-0.000 χ^2/NDF : 3231.2/2

Right Out: 88.015+/-0.000 χ^2/NDF : 54491326031288781955181576192.0/3

88.015+/-0.000 χ^2/NDF : 54491326031288781955181576192.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_HWienAngles_mean vs slug



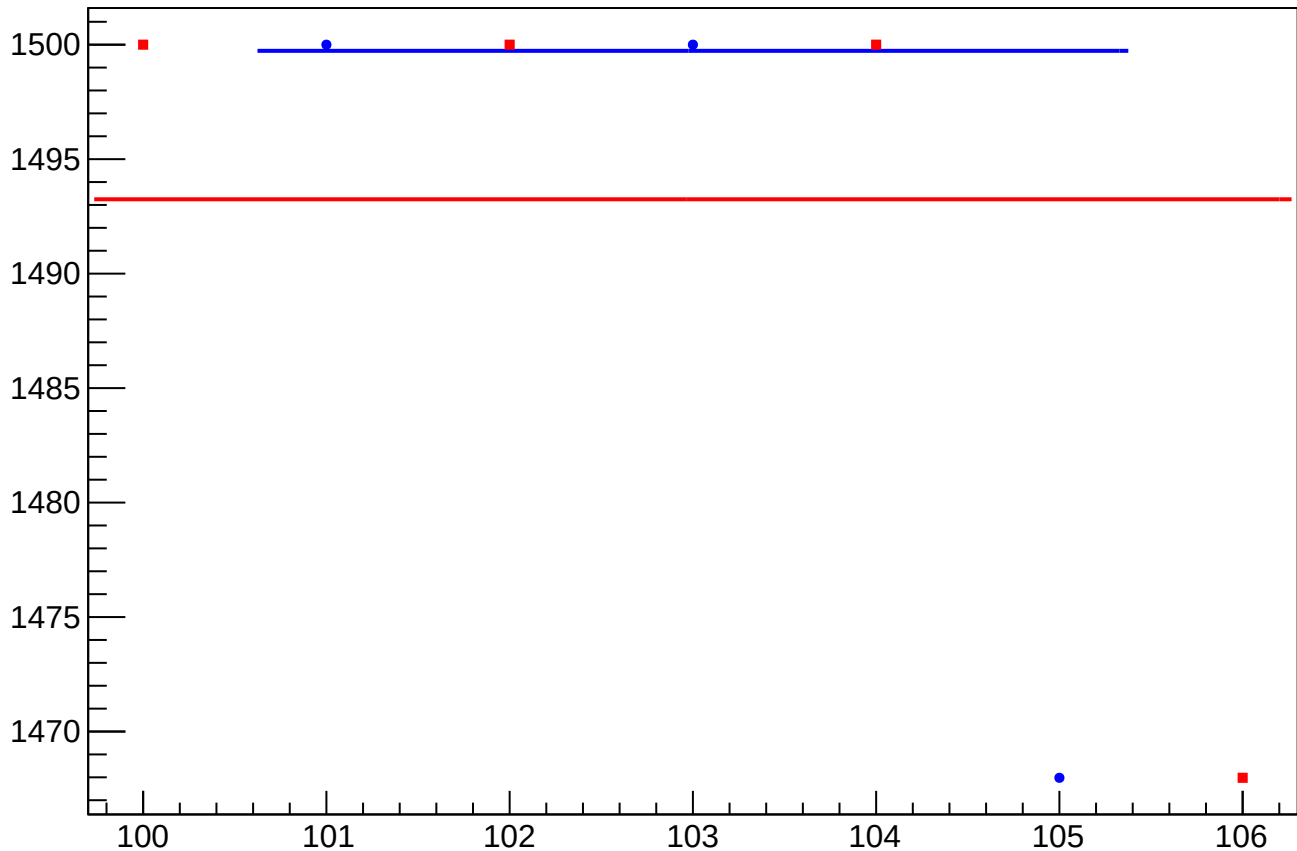
Right In: -26.428+/-0.000 χ^2/NDF : 10409384873949797013274211909632.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.084+/-0.000 χ^2/NDF : 256798432653065732364417672151040.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

epics_psub_pl_poss_mean vs slug



Right In: 1499.732+/-0.000 χ^2/NDF : 1016753899755019356873755574927360.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

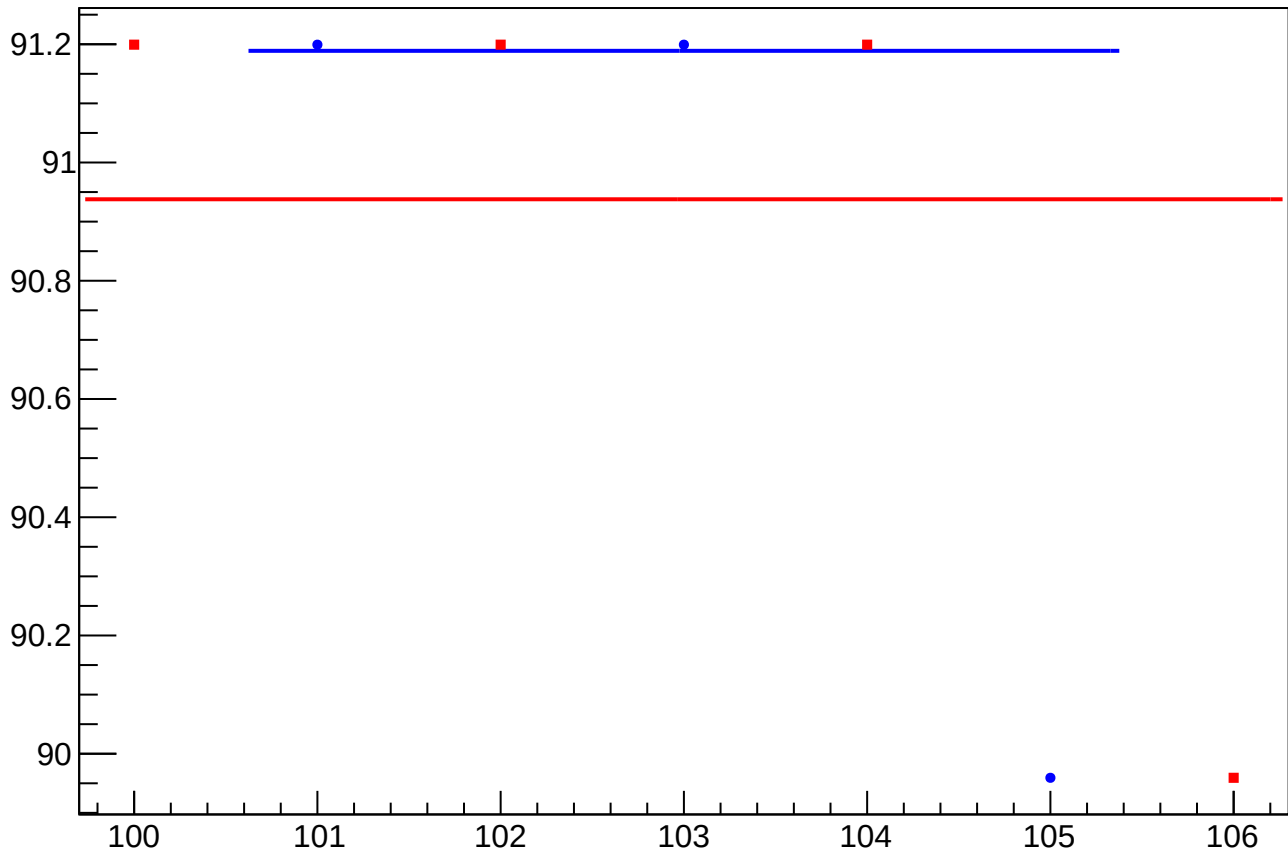
Right Out: 1493.248+/-0.000 χ^2/NDF : 25083212025754177646442940693741568.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1499.732+/-0.000 χ^2/NDF : 1016753899755019

1493.248+/-0.000 χ^2/NDF : 2508321202575417

epics_Phi_FGs_mean vs slug



Right In: 91.189+/-0.000 χ^2/NDF : 1524678991596800458586736033792.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

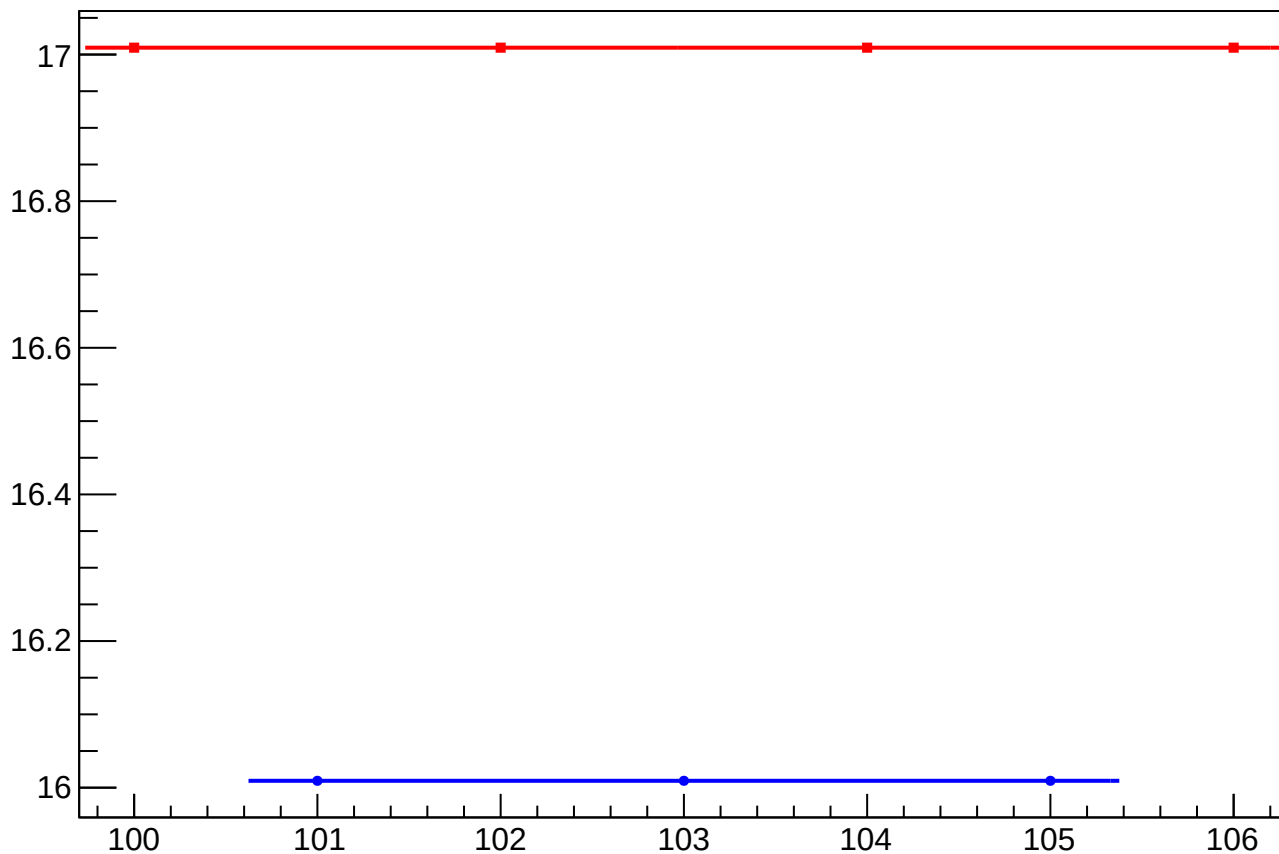
Right Out: 90.938+/-0.000 χ^2/NDF : 37613670748300818631157037924352.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

91.189+/-0.000 χ^2/NDF : 1524678991596800458586736033792.0/2

90.938+/-0.000 χ^2/NDF : 37613670748300818631157037924352.0/3

epics_IGL1I00DI24_24Ms_mean vs slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 315.5/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

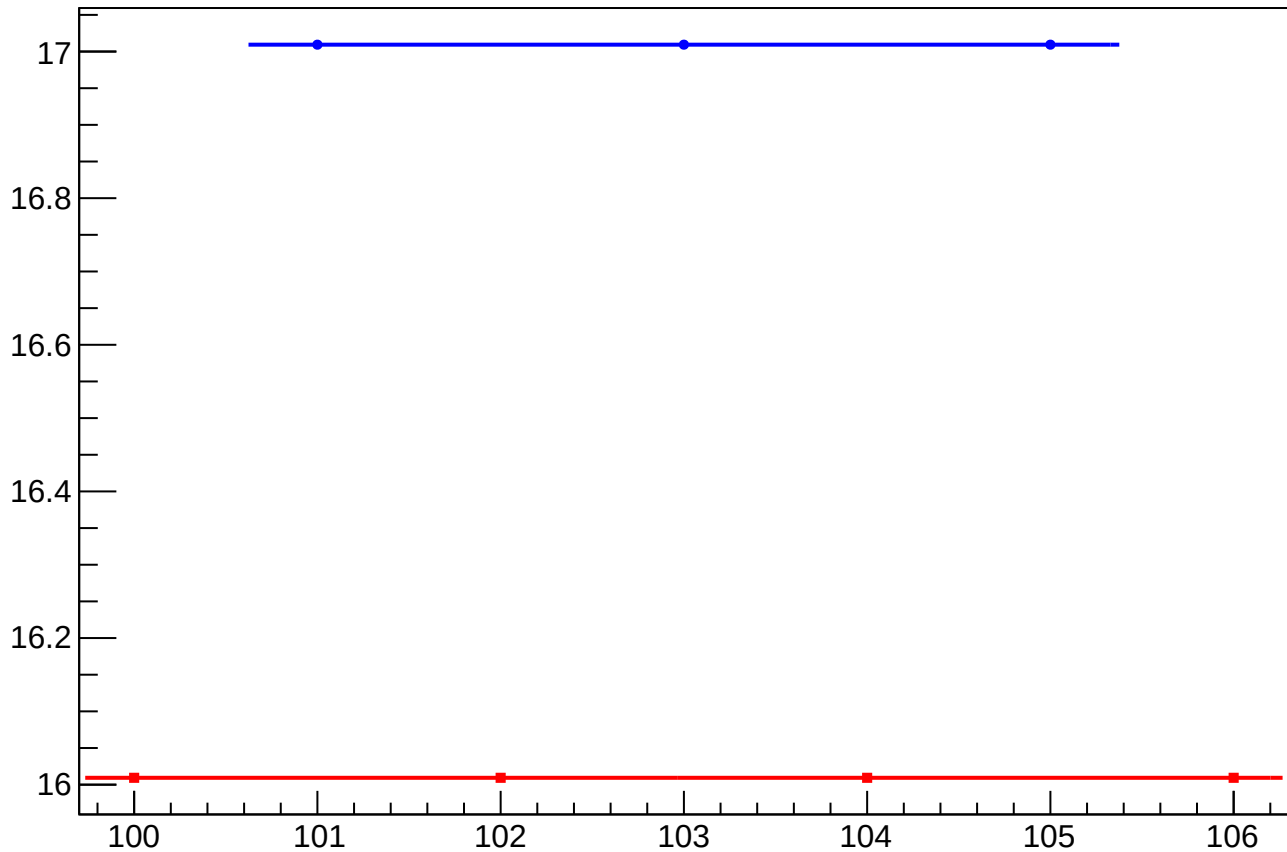
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 15789.8/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.009 $\pm$ 0.000 χ^2 /NDF: 315.5/2

17.009 $\pm$ 0.000 χ^2 /NDF: 15789.8/3

epics_IGL1I00OD16_16s_mean vs slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 3281.7/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

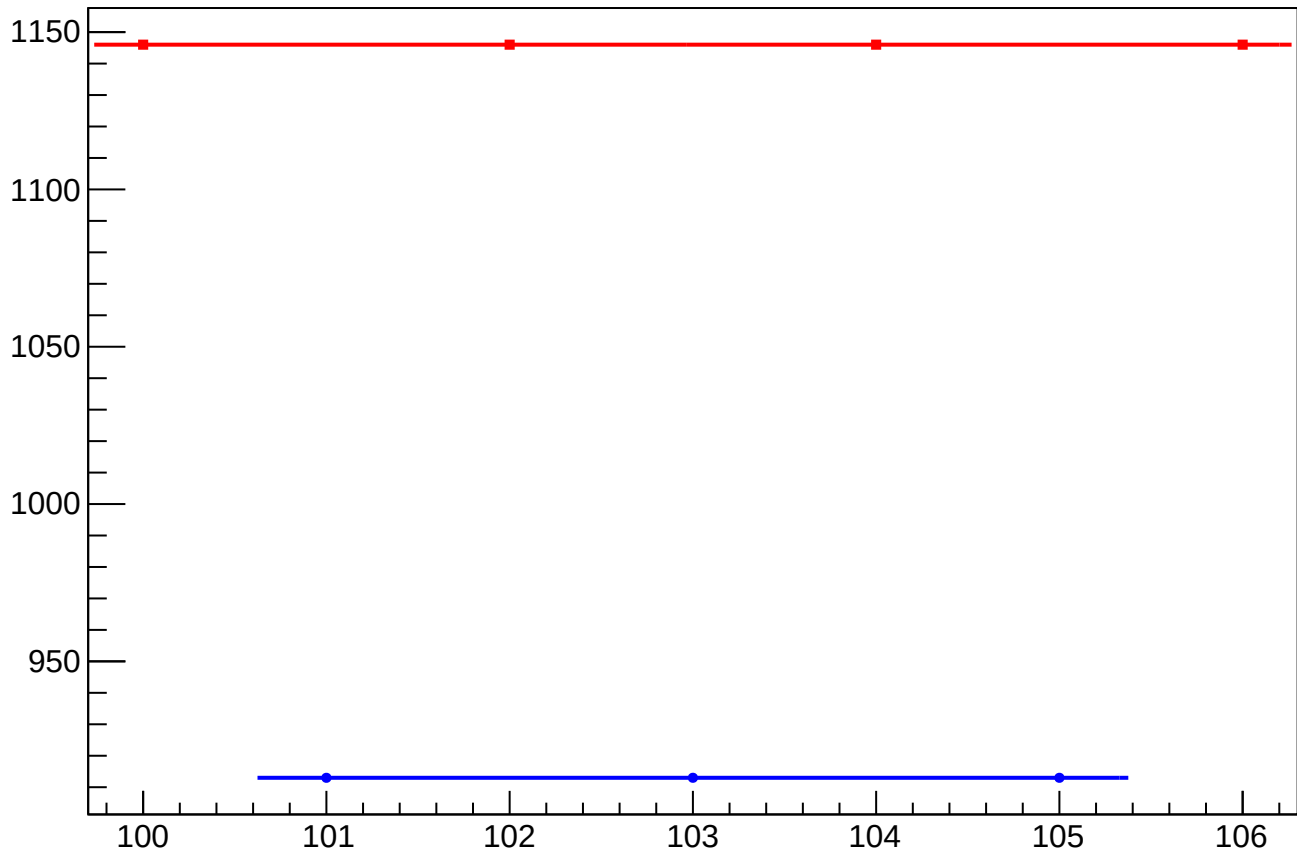
Right Out: 16.009 $\pm$ 0.000 χ^2 /NDF: 6108.9/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.009 $\pm$ 0.000 χ^2 /NDF: 3281.7/2

16.009 $\pm$ 0.000 χ^2 /NDF: 6108.9/3

epics_RTPAPOSUCNTs_mean vs slug



Right In: 912.994 $\pm$ 0.000 χ^2 /NDF: 1087284223487289945218875392.0/2

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

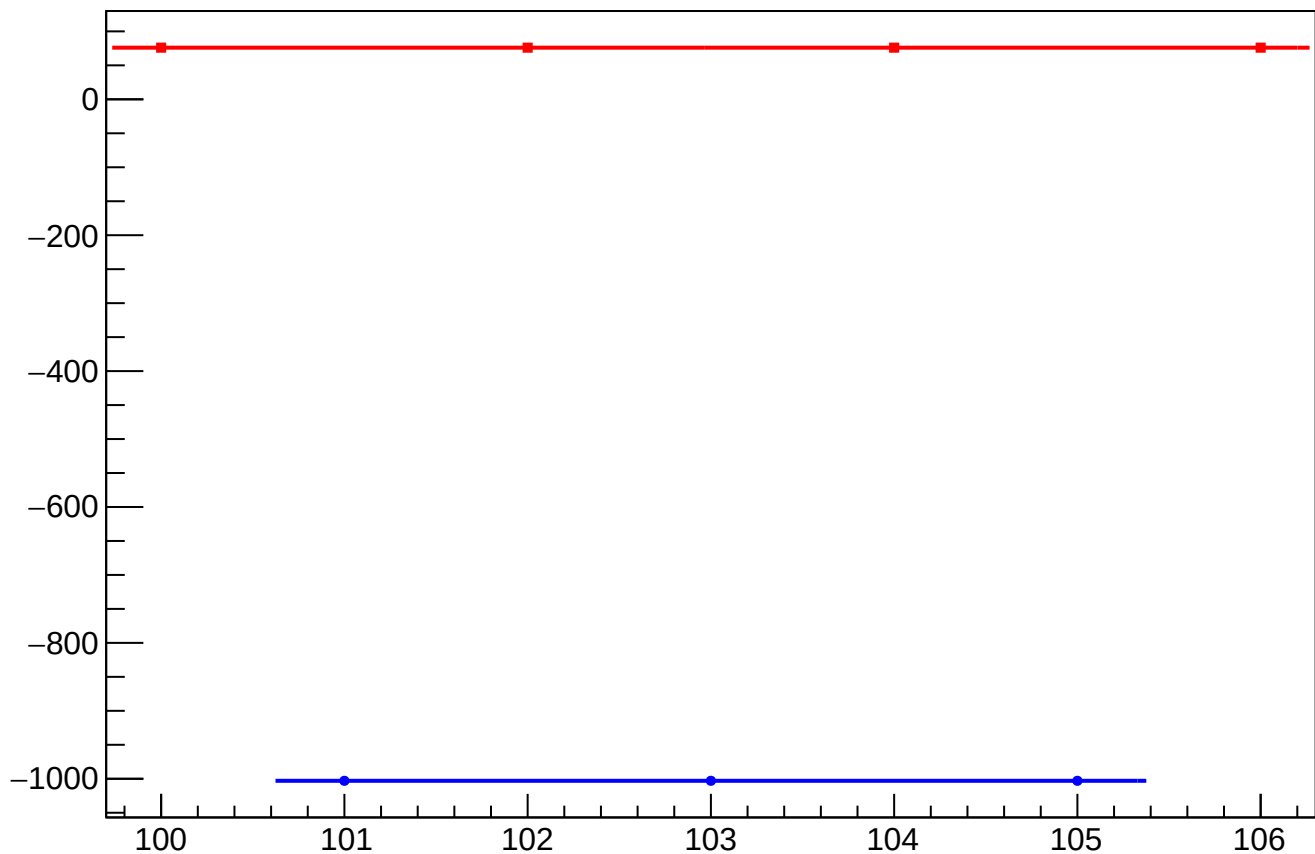
Right Out: 1146.009 $\pm$ 0.000 χ^2 /NDF: 15457937.7/3

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

912.994 $\pm$ 0.000 χ^2 /NDF: 10872842234872899

1146.009 $\pm$ 0.000 χ^2 /NDF: 15457937.7/3

epics_RTPAPOSVCNTs_mean vs slug



Right In: -1002.990+/-0.000 χ^2/NDF : 102262453073195832551931904.0/2

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.009+/-0.000 χ^2/NDF : 1708742415240341854617600.0/3

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1002.990+/-0.000 χ^2/NDF : 102262453073195

76.009+/-0.000 χ^2/NDF : 170874241524034185