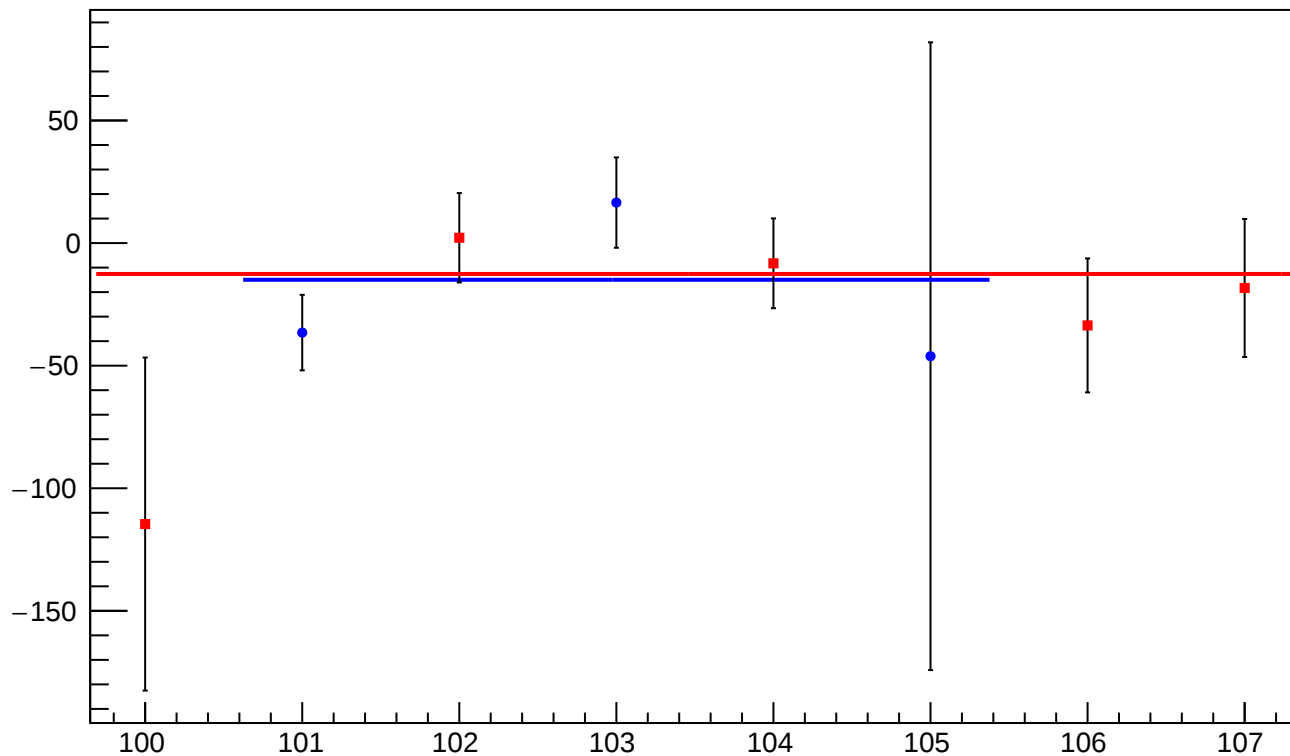


diff_bpm4aX_mean vs slug



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: -12.597+/-10.654

χ^2/NDF : 3.6/4

-14.968+/-11.768

χ^2/NDF : 4.9/2

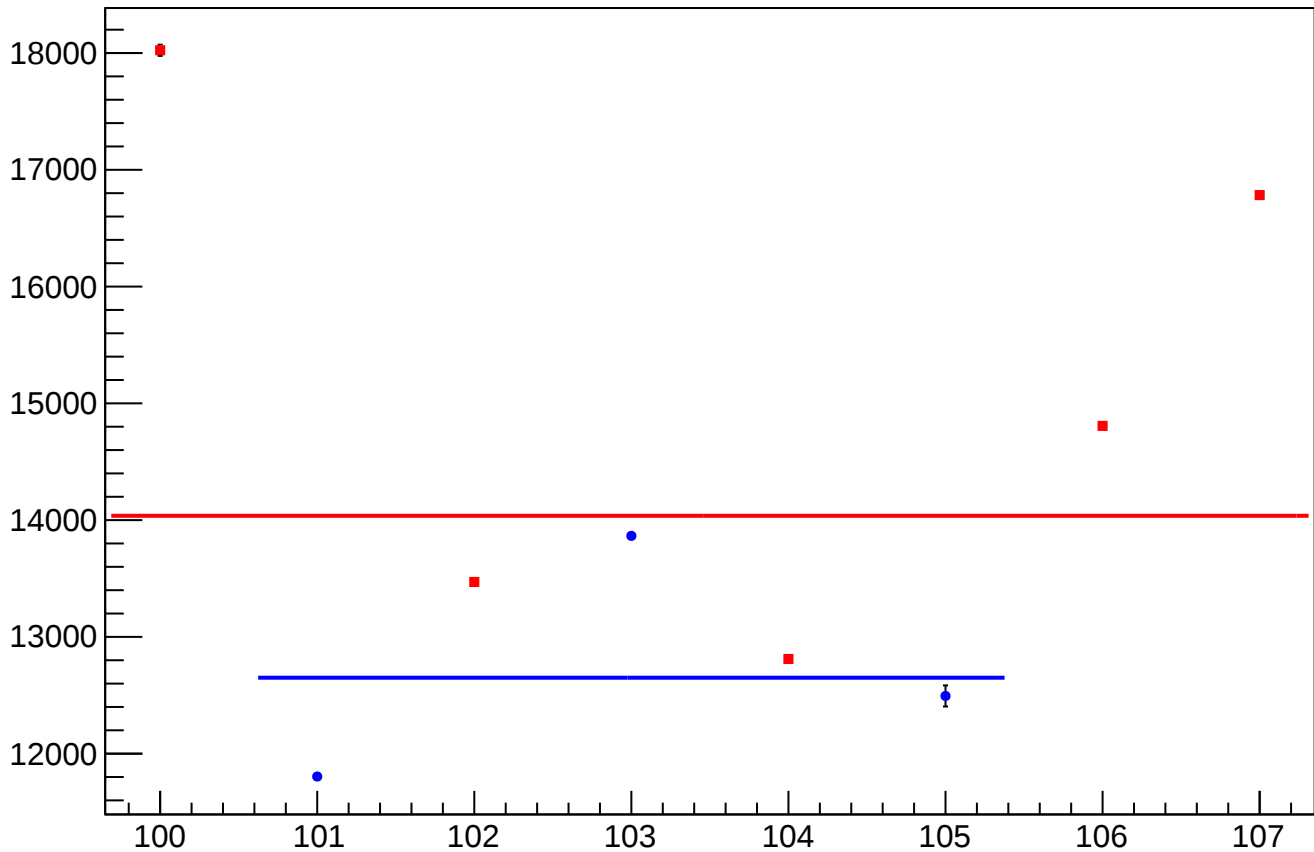
-12.597+/-10.654

χ^2/NDF : 3.6/4

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

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

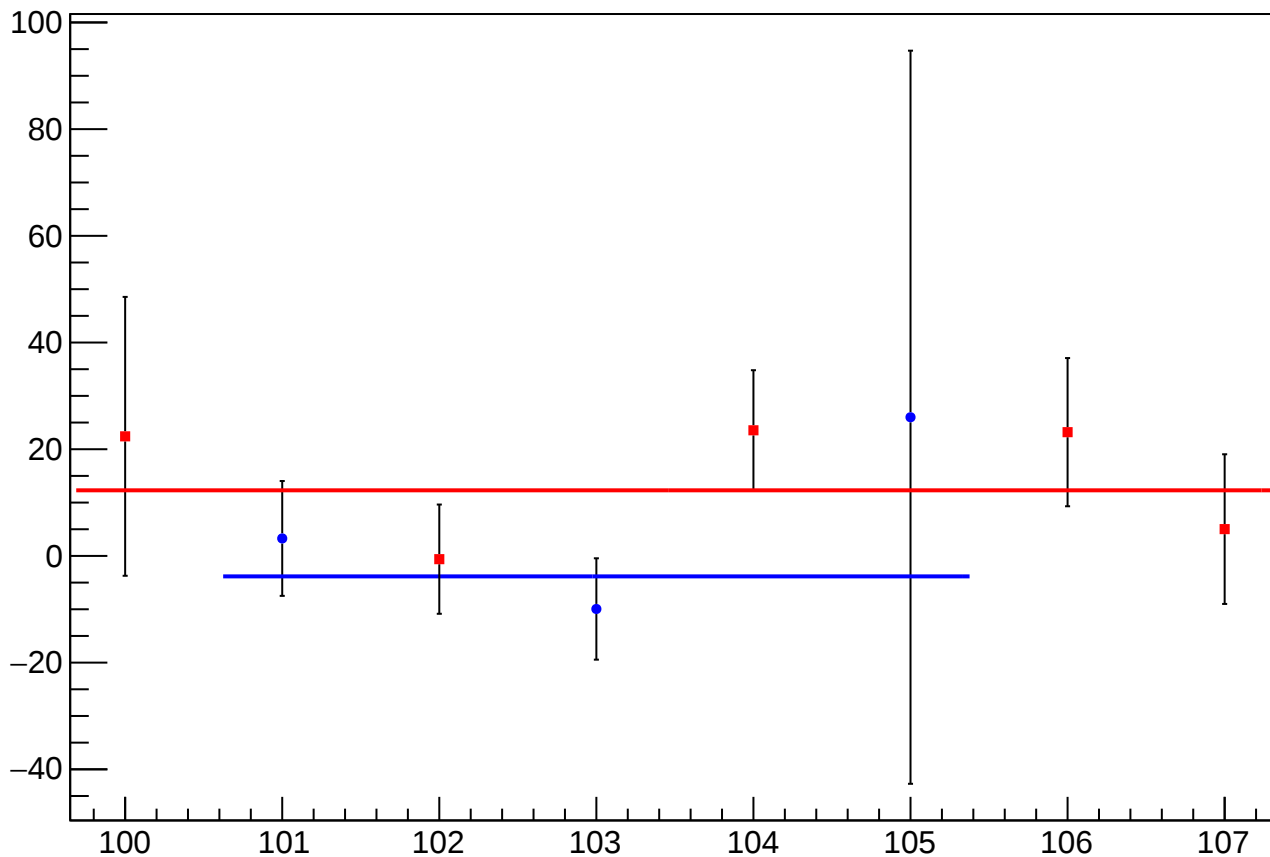
12650.448 $\pm$ 8.321 χ^2 /NDF: 14730.4/2

Right Out: 14037.096 $\pm$ 7.533 χ^2 /NDF: 38430.5/4

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

14037.096 $\pm$ 7.533 χ^2 /NDF: 38430.5/4

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

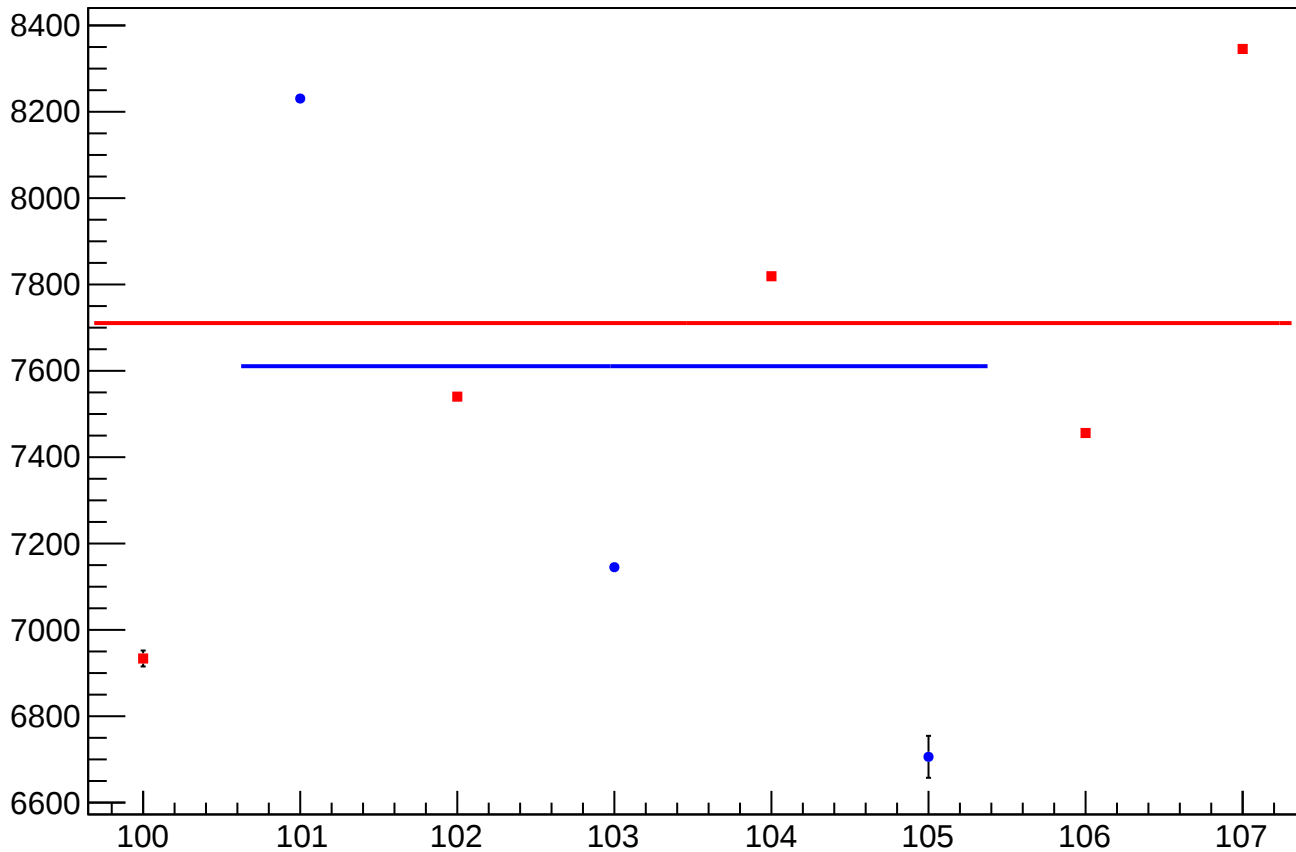
Right Out: 12.297+/-5.857 χ^2/NDF : 3.6/4

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

-3.835+/-7.085 χ^2/NDF : 1.0/2

12.297+/-5.857 χ^2/NDF : 3.6/4

diff_bpm4aY_rms vs slug



Right In: 7610.725 $\pm$ 5.010 χ^2 /NDF: 11783.3/2

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

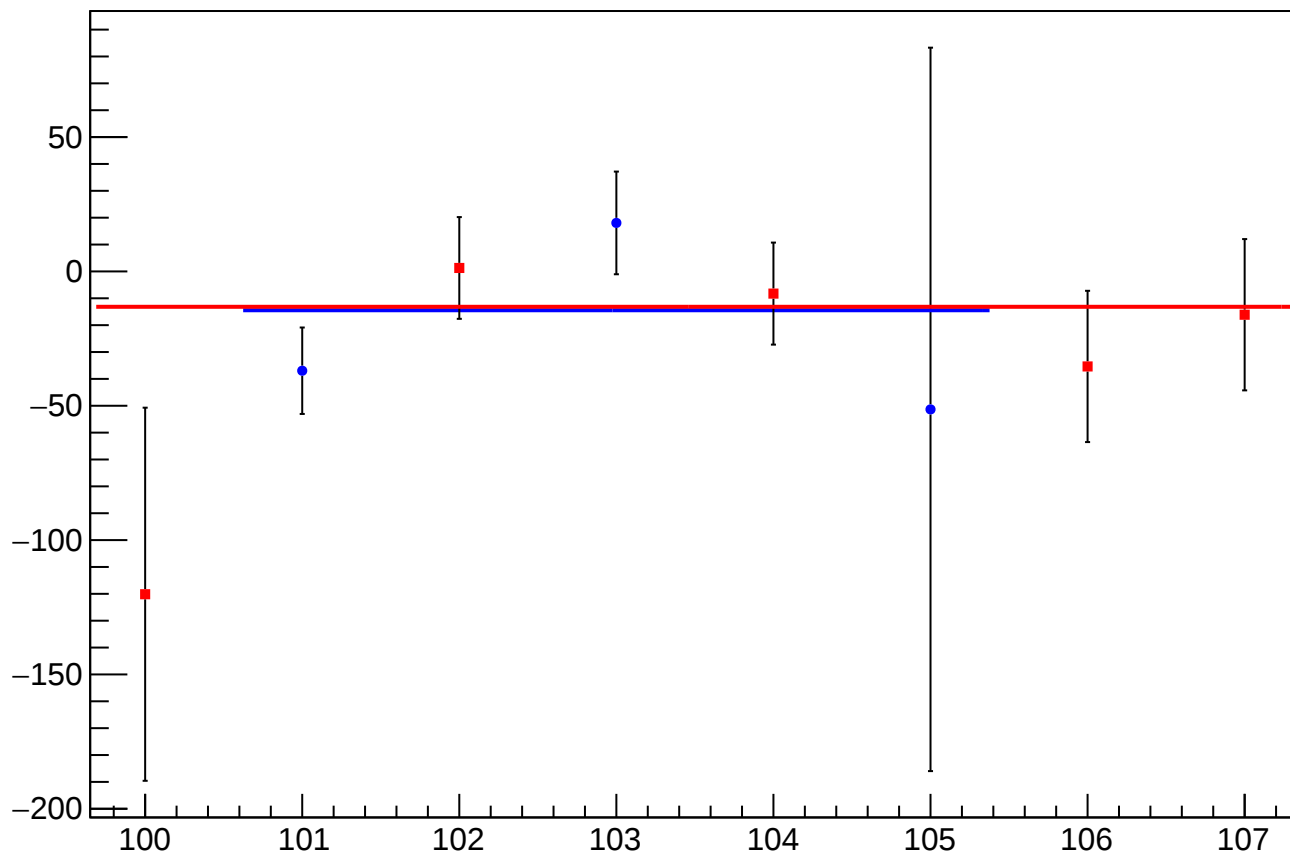
7610.725 $\pm$ 5.010 χ^2 /NDF: 11783.3/2

Right Out: 7710.610 $\pm$ 4.141 χ^2 /NDF: 7275.3/4

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

7710.610 $\pm$ 4.141 χ^2 /NDF: 7275.3/4

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

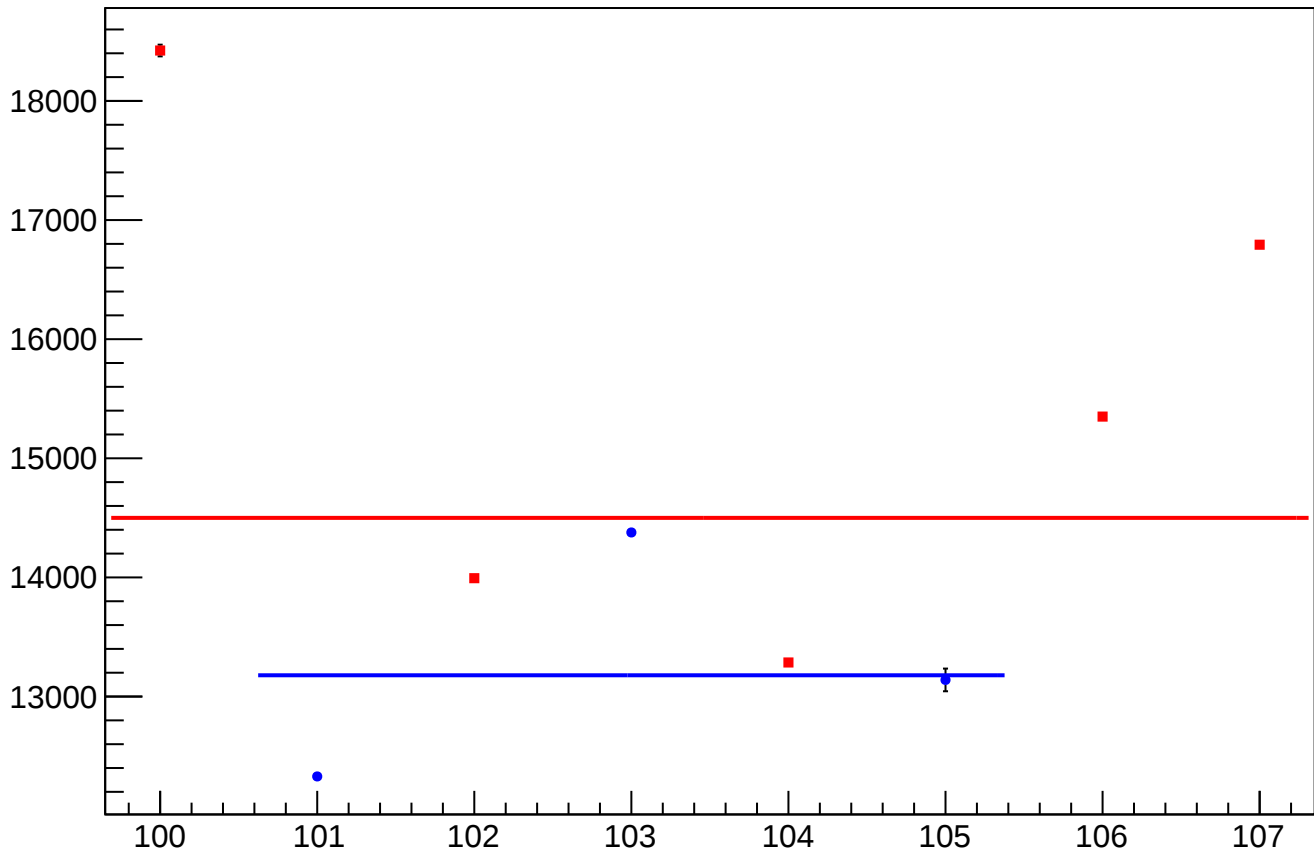
Right Out: -13.165 $\pm$ 10.981 χ^2 /NDF: 3.7/4

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

-14.452 $\pm$ 12.256 χ^2 /NDF: 4.9/2

-13.165 $\pm$ 10.981 χ^2 /NDF: 3.7/4

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

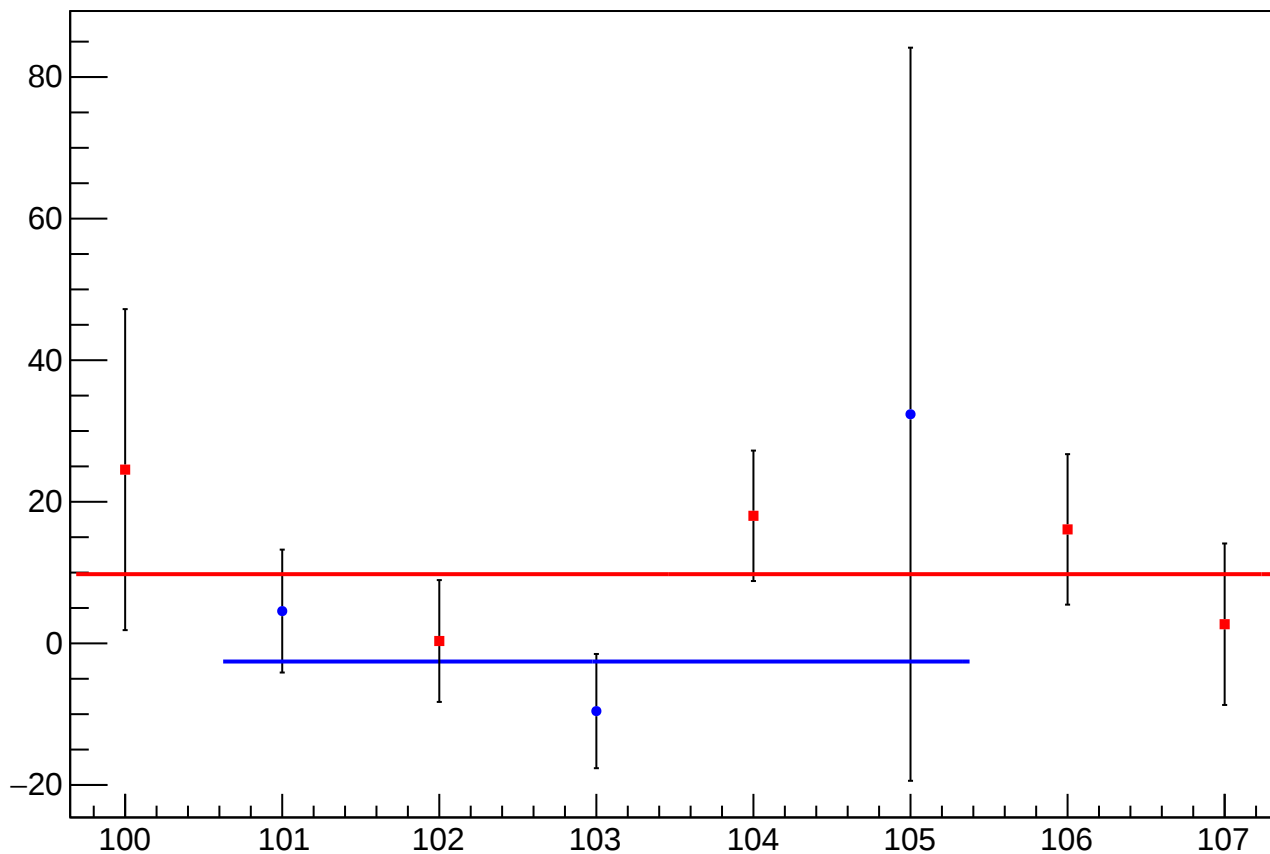
13178.495+/-8.666 χ^2/NDF : 13446.7/2

Right Out: 14499.919+/-7.765 χ^2/NDF : 31078.9/4

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

14499.919+/-7.765 χ^2/NDF : 31078.9/4

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

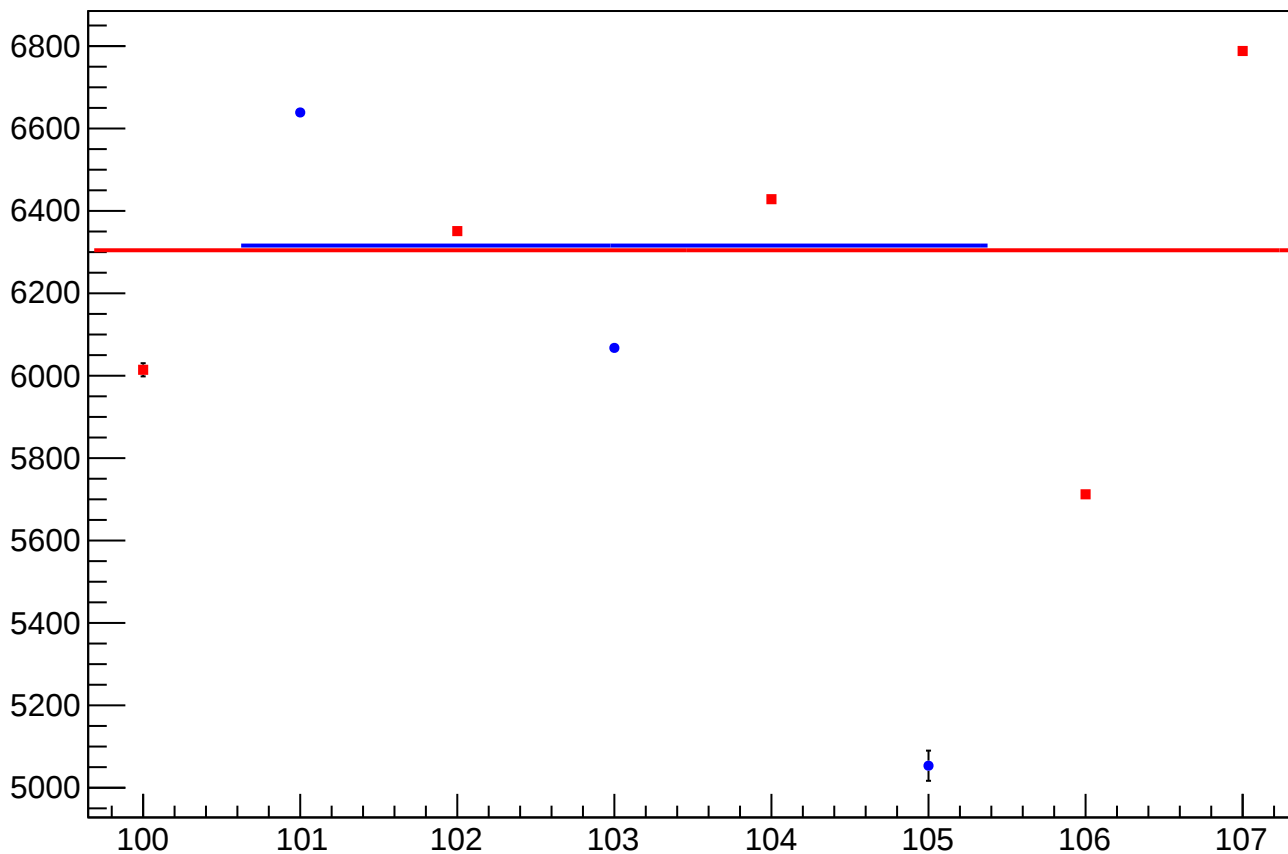
Right Out: 9.776+/-4.780 χ^2/NDF : 3.2/4

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

-2.563+/-5.871 χ^2/NDF : 1.9/2

9.776+/-4.780 χ^2/NDF : 3.2/4

diff_bpm4eY_rms vs slug



Right In: 6315.896+/-4.152 χ^2/NDF : 5853.8/2

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

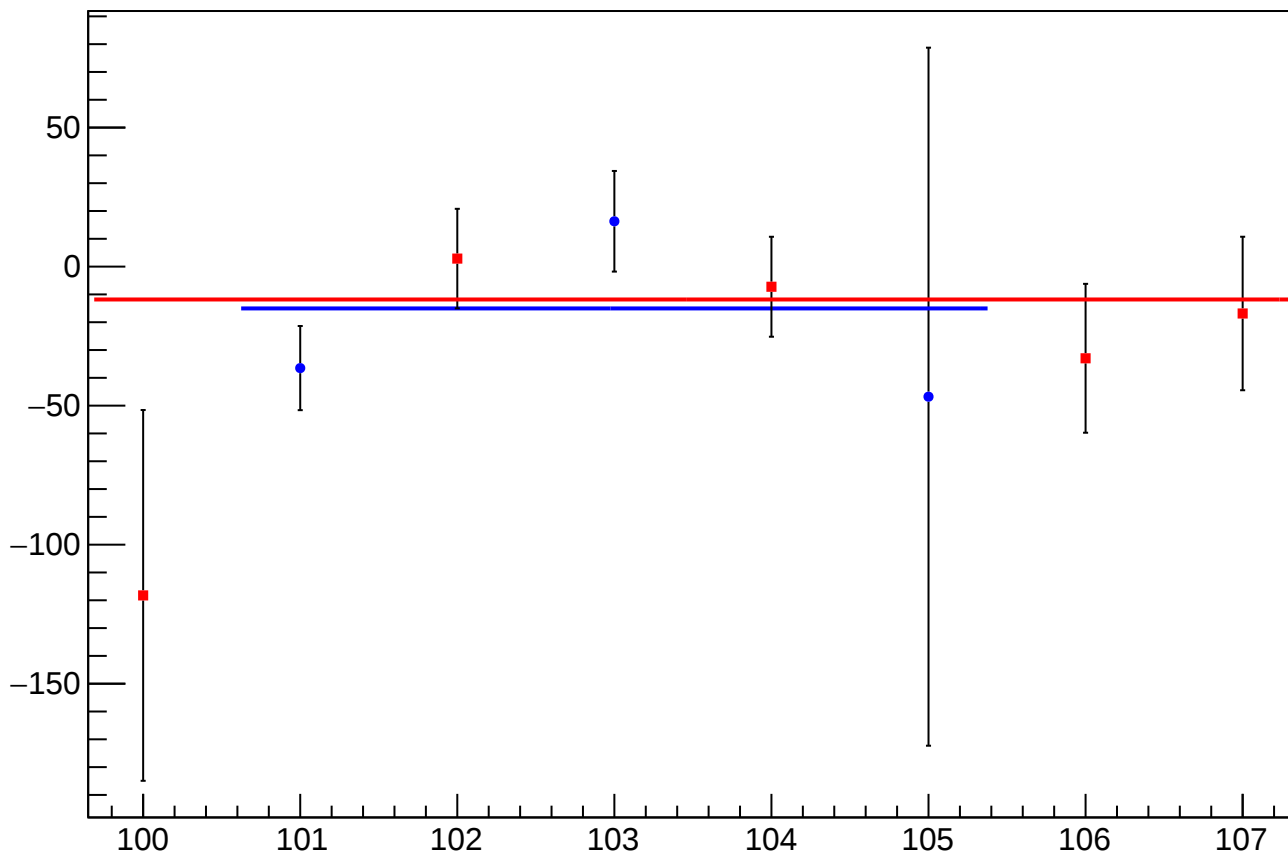
Right Out: 6304.481+/-3.380 χ^2/NDF : 10554.2/4

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

6315.896+/-4.152 χ^2/NDF : 5853.8/2

6304.481+/-3.380 χ^2/NDF : 10554.2/4

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

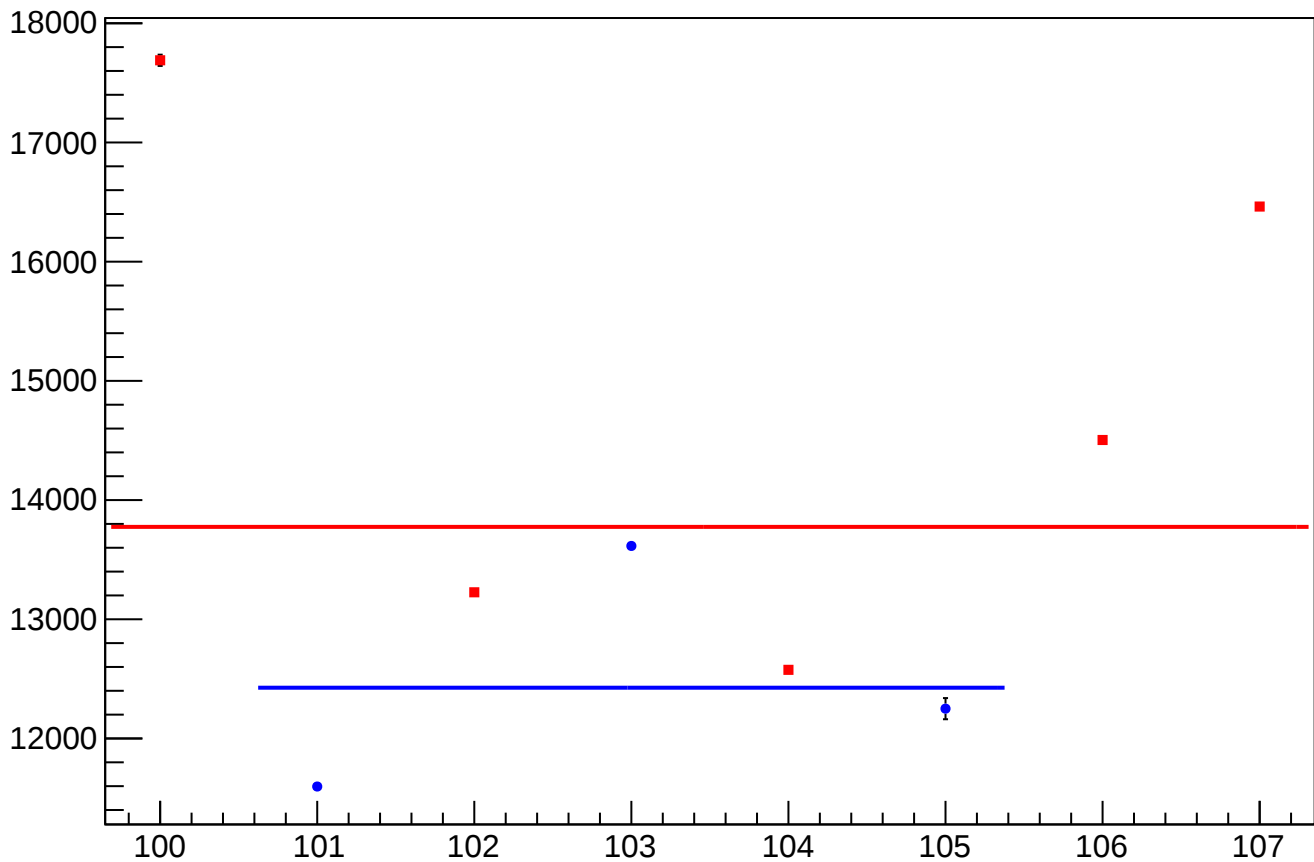
Right Out: -11.822 $\pm$ 10.455 χ^2 /NDF: 3.9/4

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

-15.042 $\pm$ 11.559 χ^2 /NDF: 5.1/2

-11.822 $\pm$ 10.455 χ^2 /NDF: 3.9/4

diff_bpm4acX_rms vs slug



Right In: 12425.937+/-8.173 χ^2/NDF : 14646.2/2

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

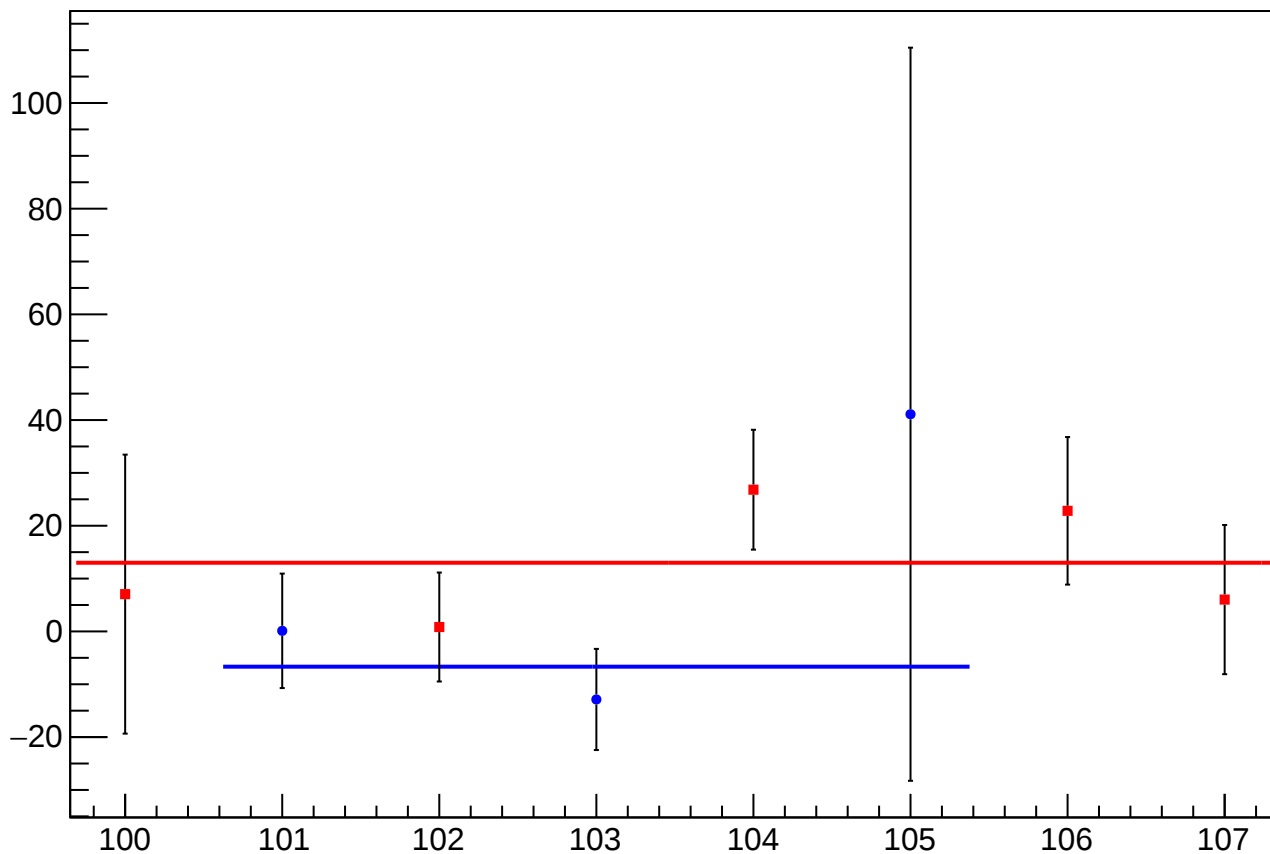
12425.937+/-8.173 χ^2/NDF : 14646.2/2

Right Out: 13775.156+/-7.393 χ^2/NDF : 38117.8/4

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

13775.156+/-7.393 χ^2/NDF : 38117.8/4

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

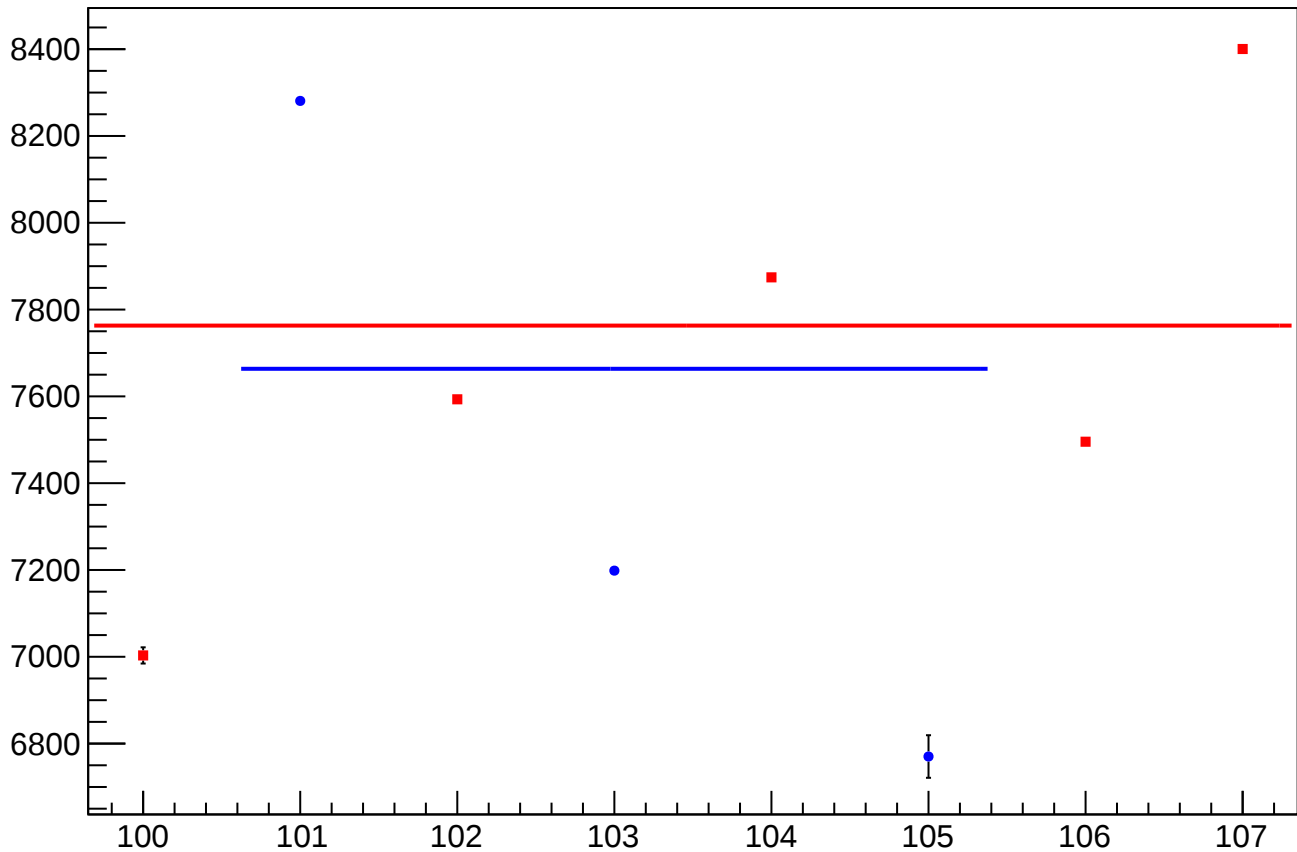
Right Out: 12.994+/-5.896 χ^2/NDF : 3.7/4

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

-6.672+/-7.134 χ^2/NDF : 1.3/2

12.994+/-5.896 χ^2/NDF : 3.7/4

diff_bpm4acY_rms vs slug



Right In: 7663.553+/-5.044 χ^2/NDF : 11551.5/2

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

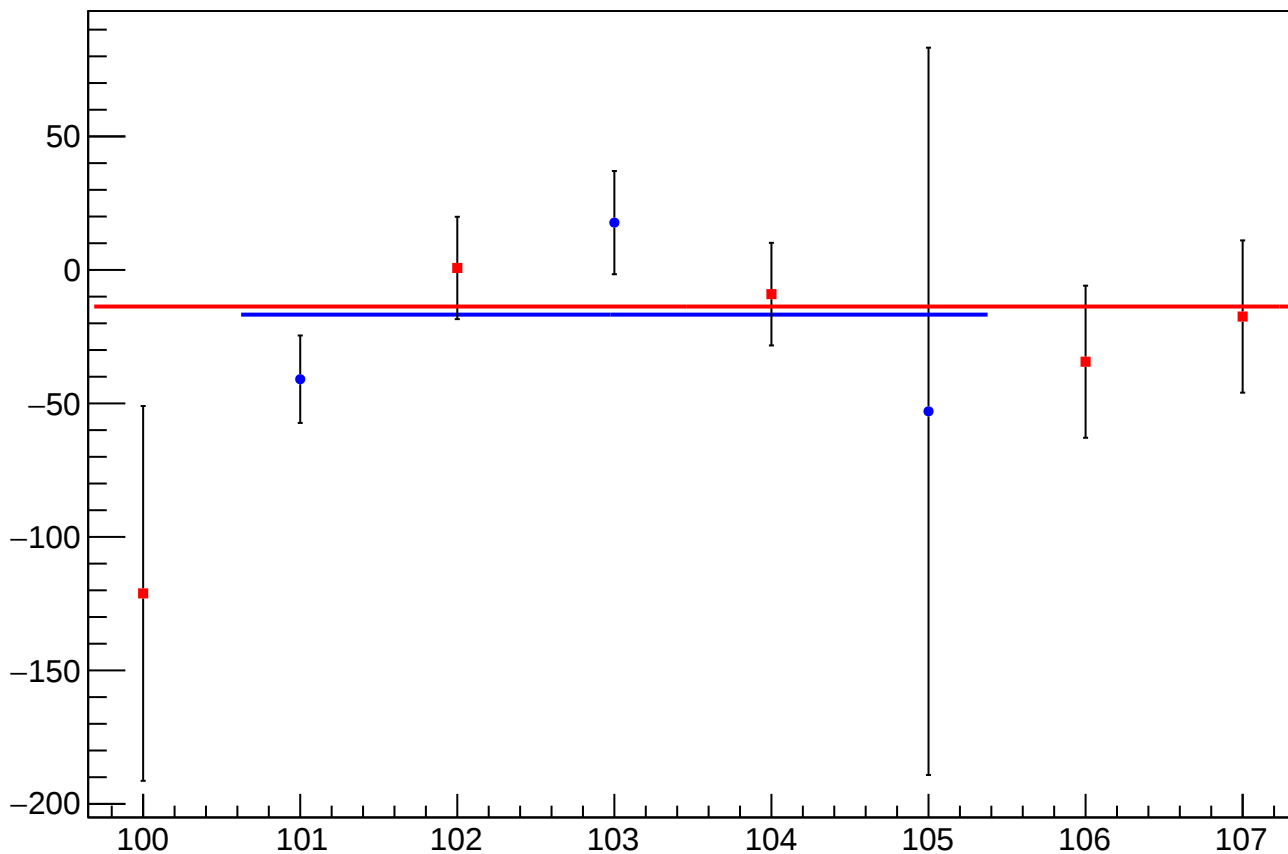
7663.553+/-5.044 χ^2/NDF : 11551.5/2

Right Out: 7763.099+/-4.169 χ^2/NDF : 7201.3/4

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

7763.099+/-4.169 χ^2/NDF : 7201.3/4

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

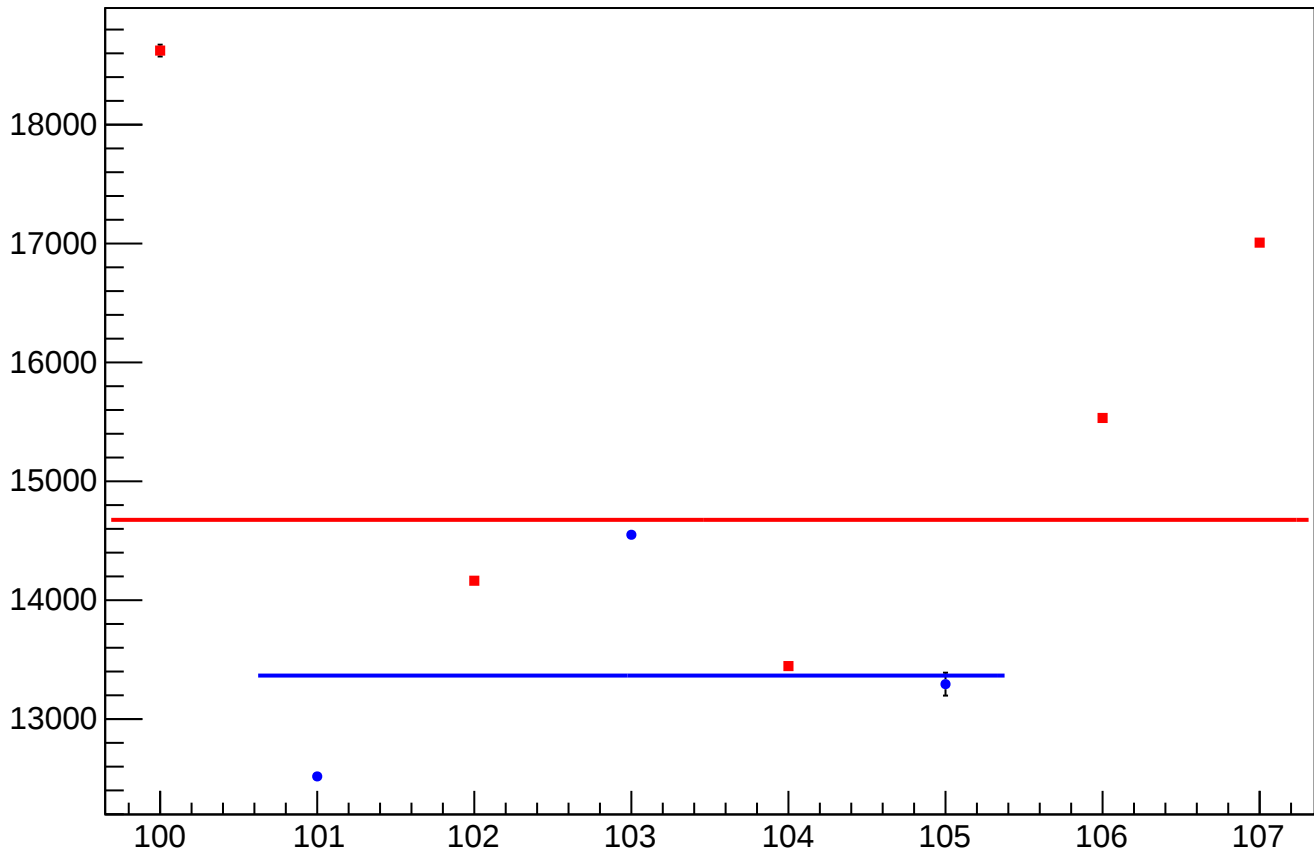
Right Out: -13.708 $\pm$ 11.114 χ^2 /NDF: 3.5/4

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

-16.741 $\pm$ 12.445 χ^2 /NDF: 5.4/2

-13.708 $\pm$ 11.114 χ^2 /NDF: 3.5/4

diff_bpm4ecX_rms vs slug



Right In: 13366.008+/-8.800 χ^2/NDF : 12868.3/2

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

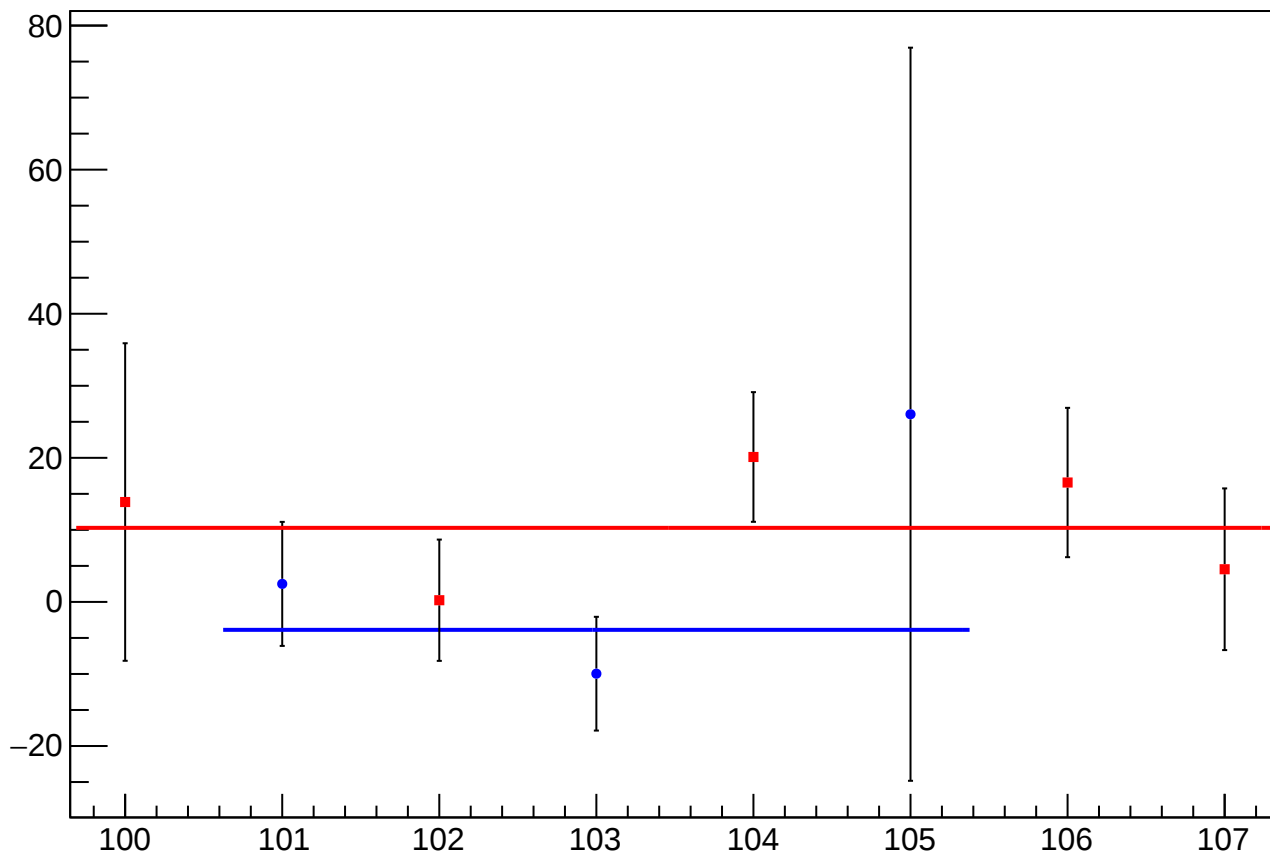
13366.008+/-8.800 χ^2/NDF : 12868.3/2

Right Out: 14675.859+/-7.859 χ^2/NDF : 31130.2/4

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

14675.859+/-7.859 χ^2/NDF : 31130.2/4

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

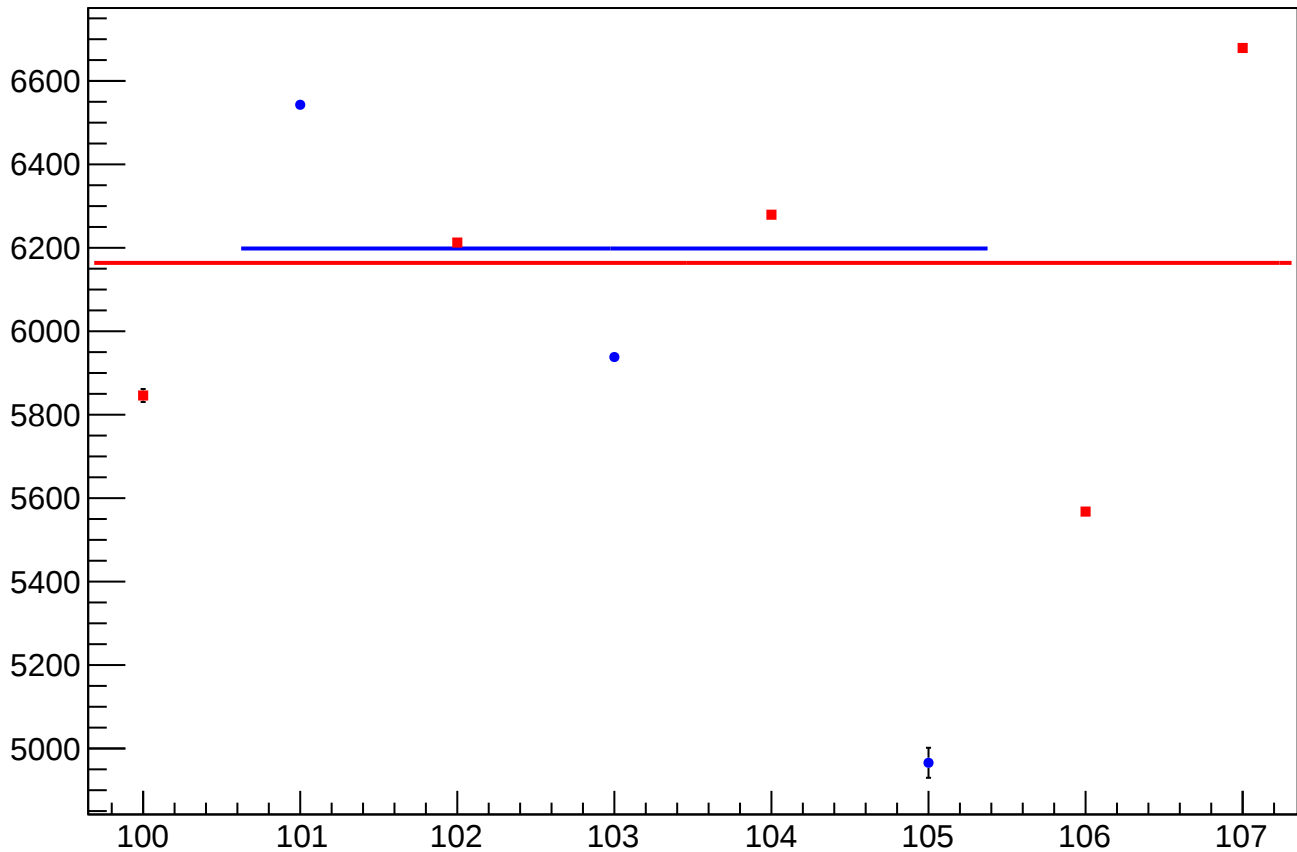
Right Out: 10.281+/-4.674 χ^2/NDF : 3.3/4

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

-3.876+/-5.781 χ^2/NDF : 1.5/2

10.281+/-4.674 χ^2/NDF : 3.3/4

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

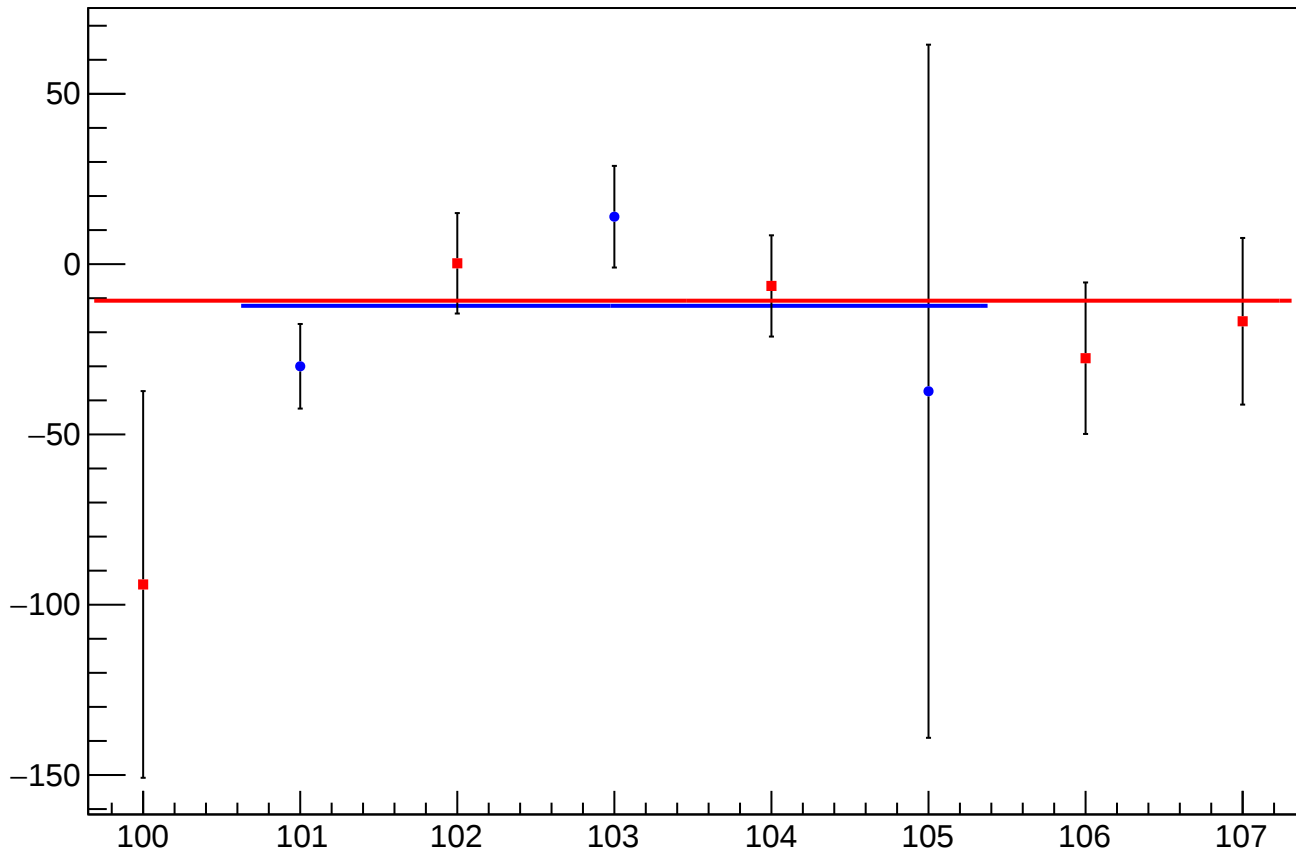
6198.401 $\pm$ 4.087 χ^2 /NDF: 6549.1/2

Right Out: 6163.895 $\pm$ 3.305 χ^2 /NDF: 11642.5/4

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

6163.895 $\pm$ 3.305 χ^2 /NDF: 11642.5/4

diff_bpm1X_mean vs slug



Right In: -12.236+/-9.505 χ^2/NDF : 5.2/2

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

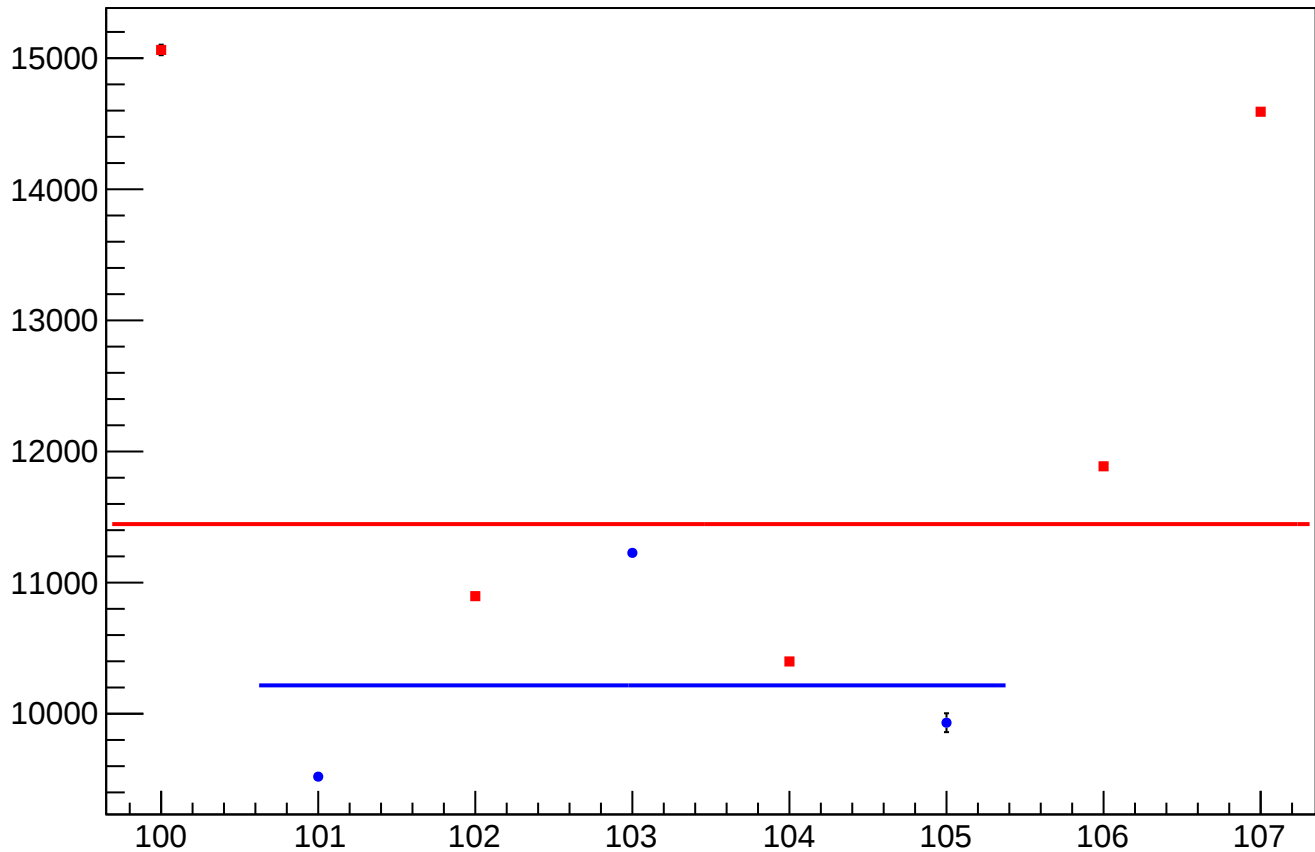
Right Out: -10.731+/-8.728 χ^2/NDF : 3.4/4

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

-12.236+/-9.505 χ^2/NDF : 5.2/2

-10.731+/-8.728 χ^2/NDF : 3.4/4

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

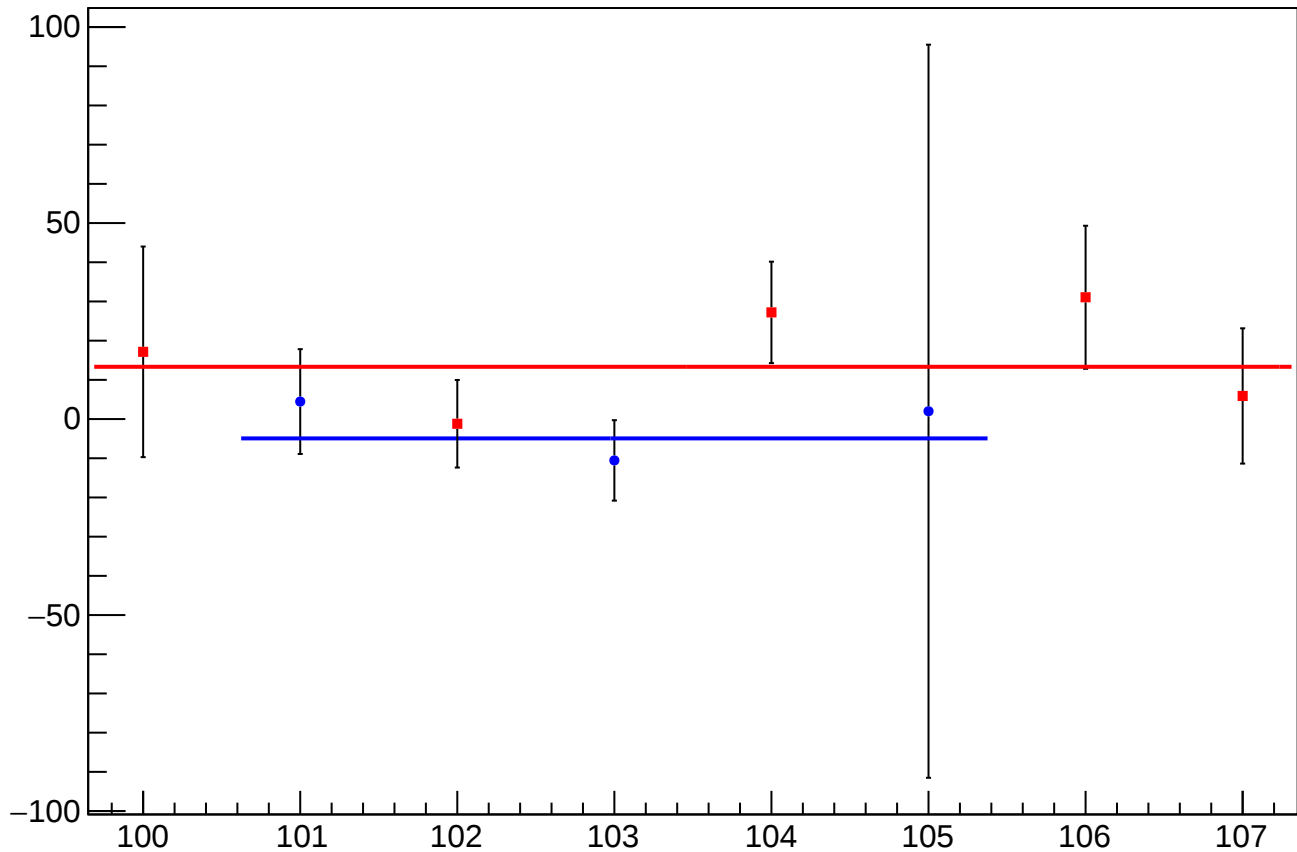
Right Out: 11446.313+/-6.172 χ^2/NDF : 54664.3/4

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

10216.266+/-6.721 χ^2/NDF : 15473.3/2

11446.313+/-6.172 χ^2/NDF : 54664.3/4

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

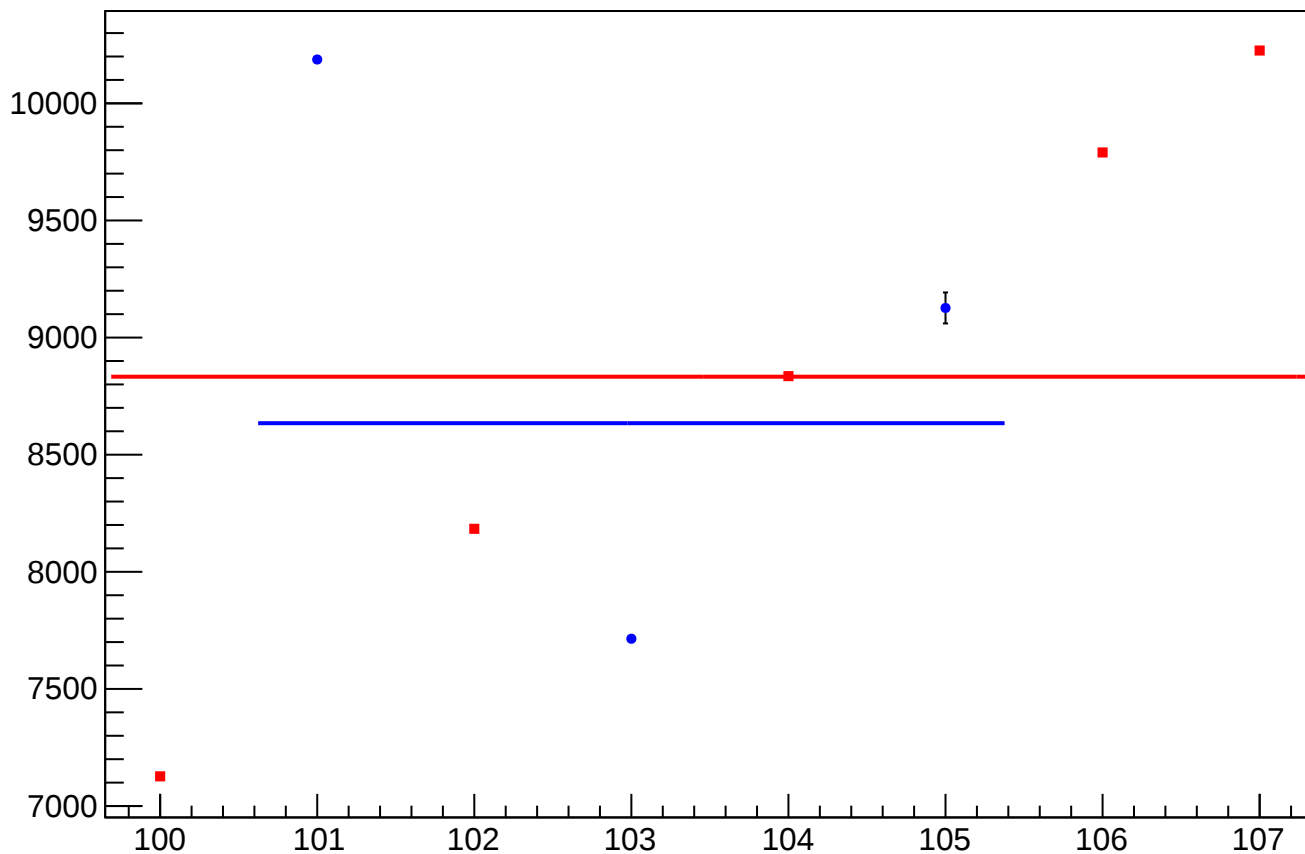
Right Out: 13.335+/-6.783 χ^2/NDF : 4.0/4

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

-4.932+/-8.110 χ^2/NDF : 0.8/2

13.335+/-6.783 χ^2/NDF : 4.0/4

diff_bpm1Y_rms vs slug



Right In: 8634.470+/-5.735 χ^2/NDF : 43105.1/2

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

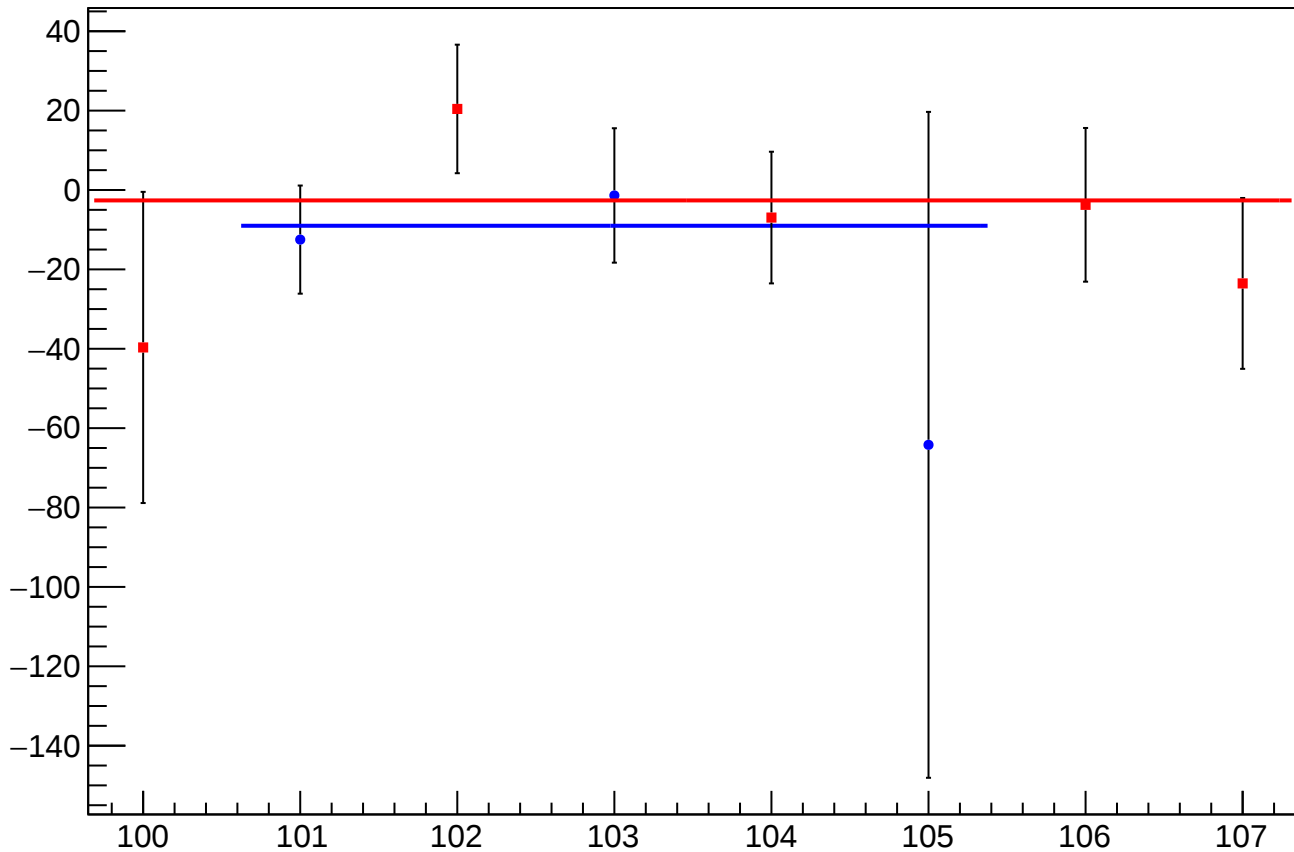
Right Out: 8832.971+/-4.796 χ^2/NDF : 33357.0/4

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

8634.470+/-5.735 χ^2/NDF : 43105.1/2

8832.971+/-4.796 χ^2/NDF : 33357.0/4

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

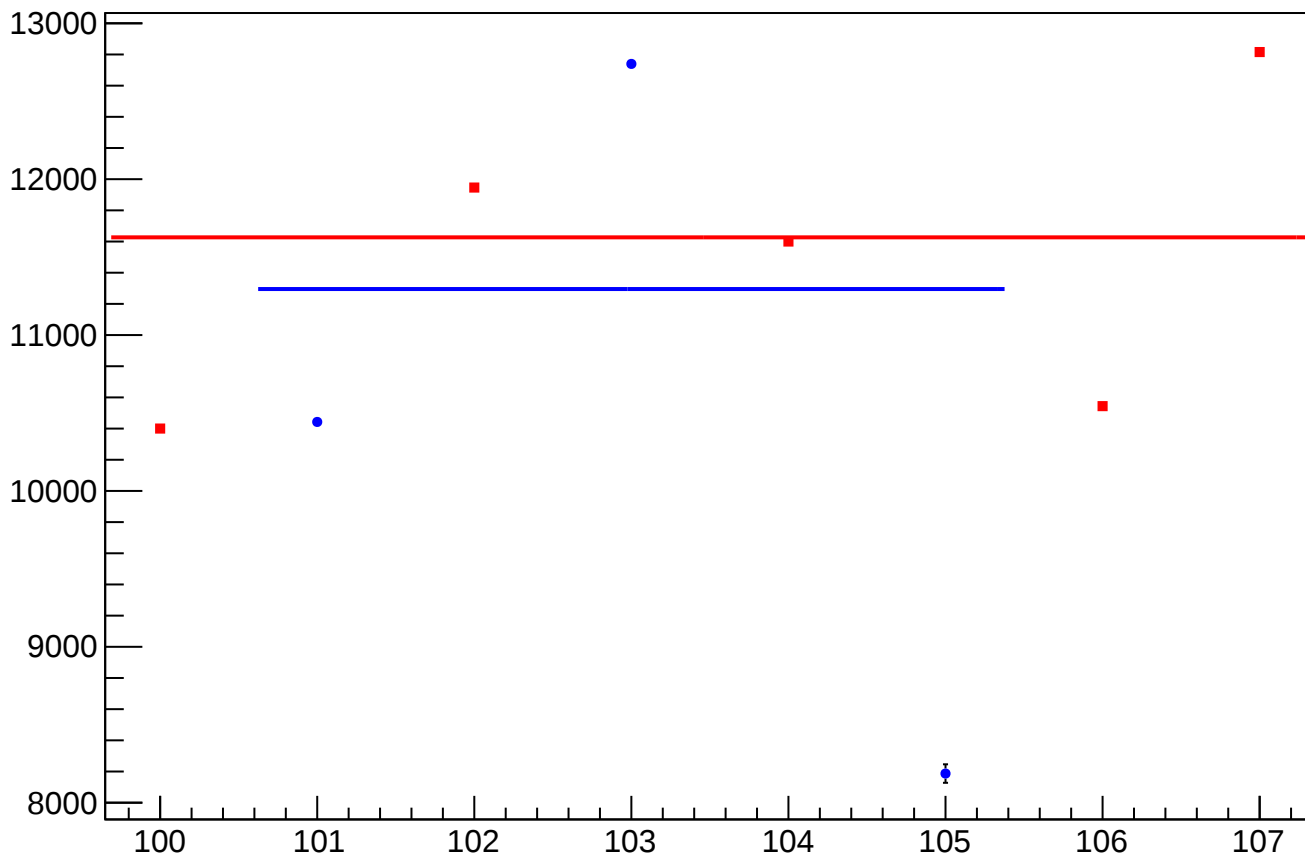
Right Out: -2.625+/-8.796 χ^2/NDF : 3.9/4

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

-9.010+/-10.530 χ^2/NDF : 0.7/2

-2.625+/-8.796 χ^2/NDF : 3.9/4

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

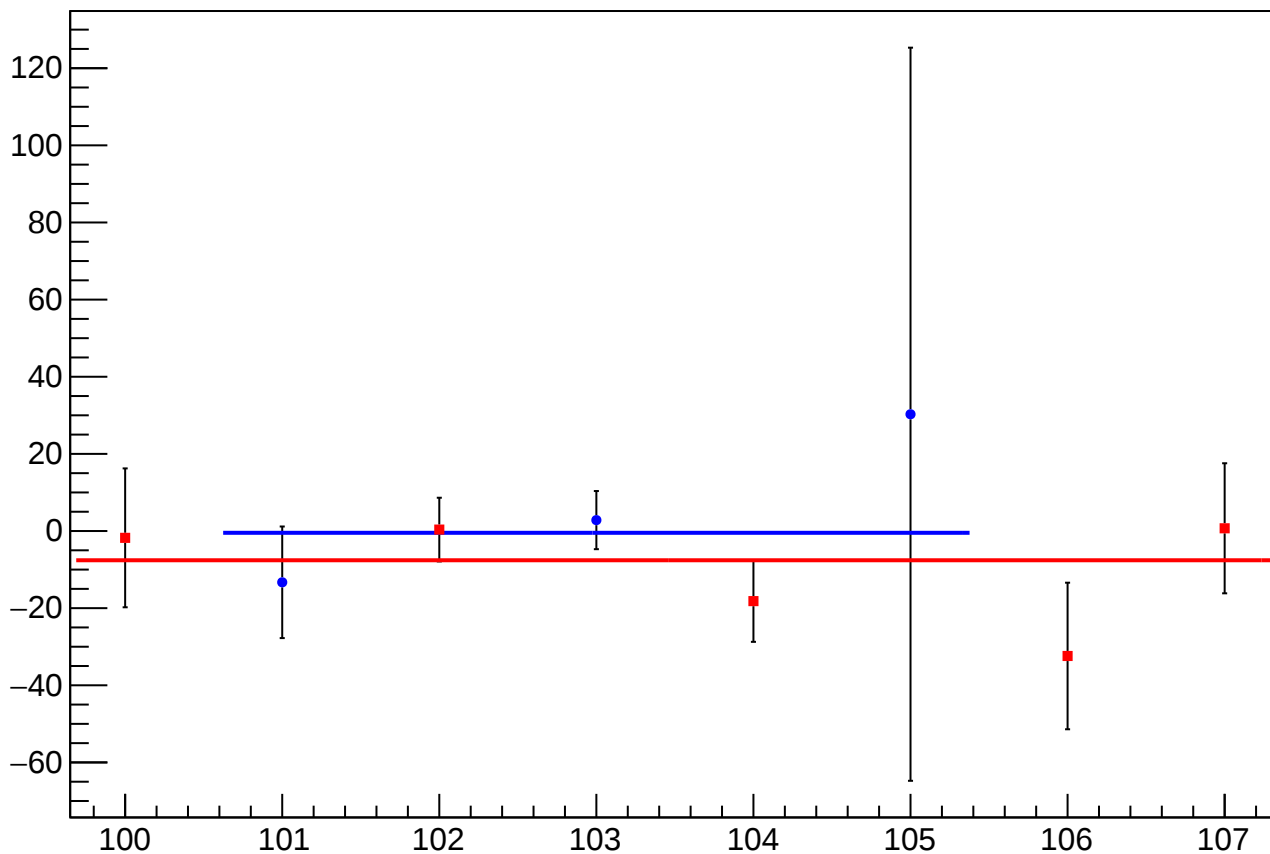
Right Out: 11626.839+/-6.220 χ^2/NDF : 15097.6/4

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

11295.279+/-7.446 χ^2/NDF : 25131.5/2

11626.839+/-6.220 χ^2/NDF : 15097.6/4

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

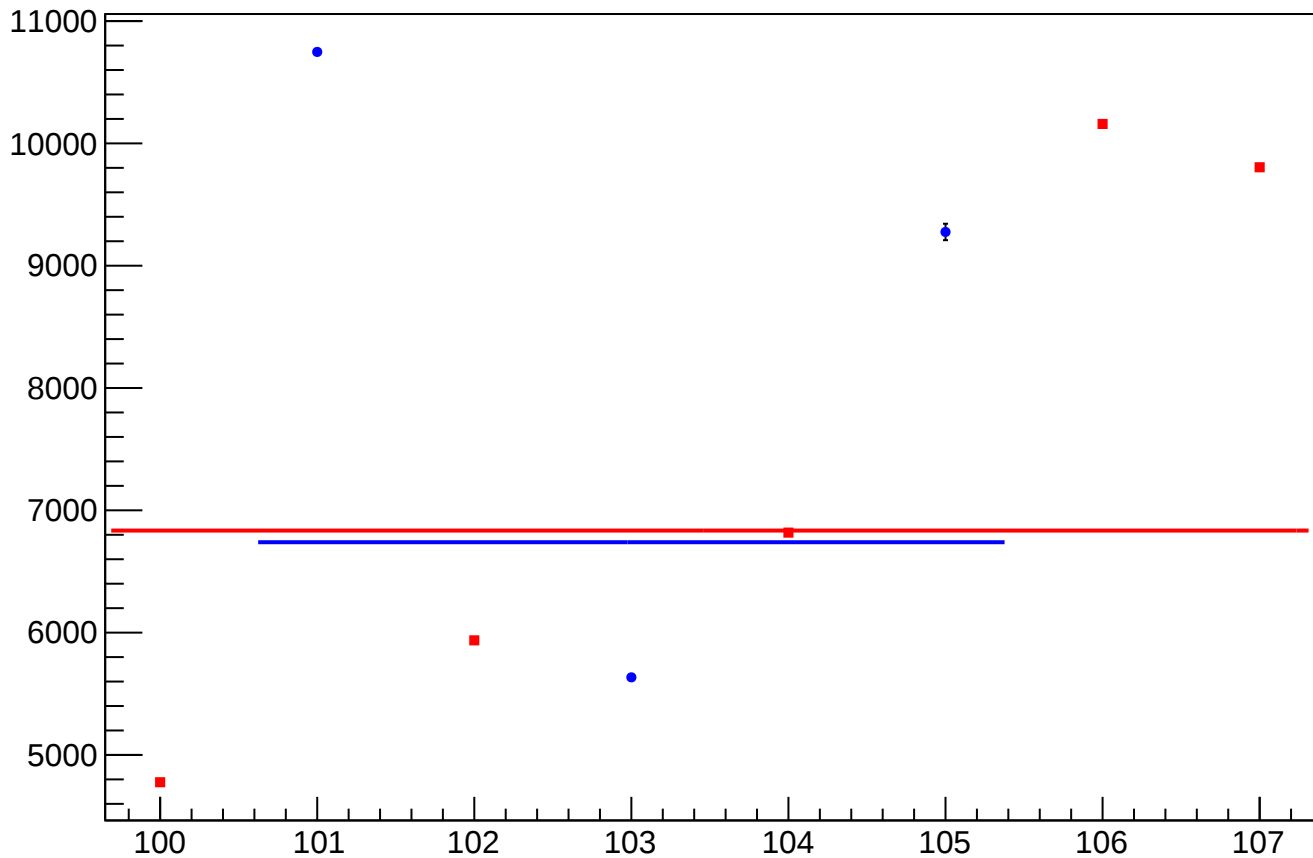
Right Out: -7.582 $\pm$ 5.505 χ^2 /NDF: 4.0/4

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

-0.462 $\pm$ 6.669 χ^2 /NDF: 1.1/2

-7.582 $\pm$ 5.505 χ^2 /NDF: 4.0/4

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

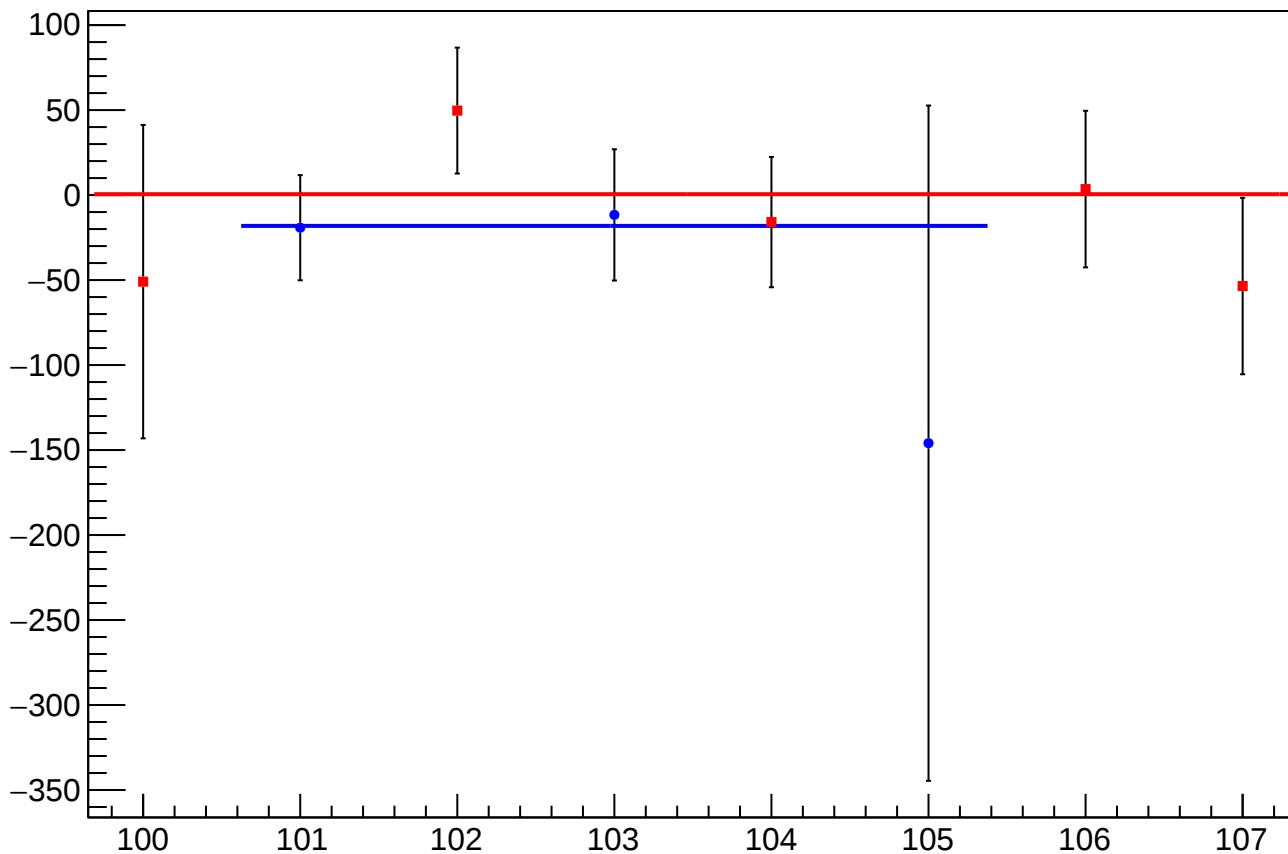
6739.125+/-4.716 χ^2/NDF : 197955.1/2

Right Out: 6834.493+/-3.893 χ^2/NDF : 173037.5/4

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

6834.493+/-3.893 χ^2/NDF : 173037.5/4

diff_bpm12X_mean vs slug



Right In: -18.137 $\pm$ 23.965 χ^2 /NDF: 0.4/2

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

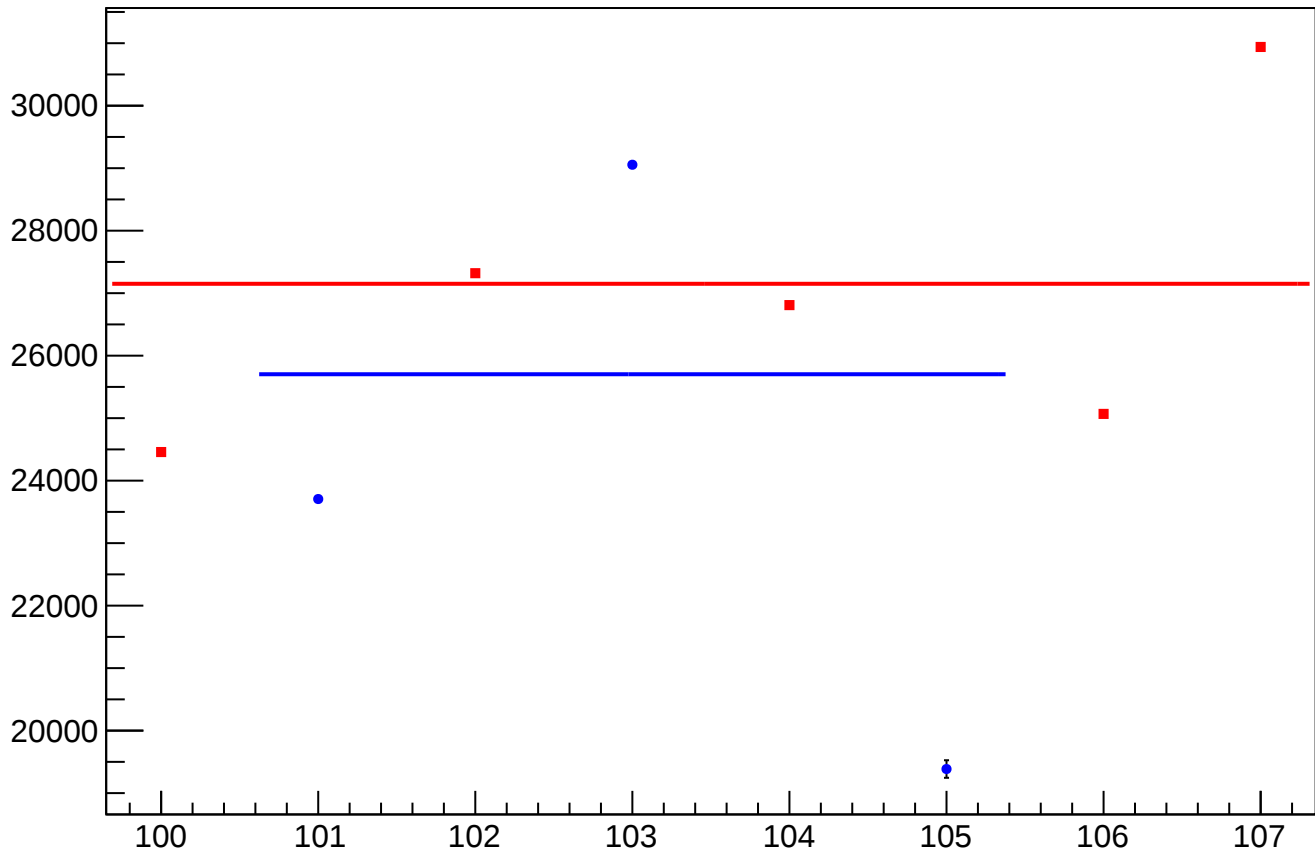
Right Out: 0.520 $\pm$ 20.539 χ^2 /NDF: 3.3/4

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

-18.137 $\pm$ 23.965 χ^2 /NDF: 0.4/2

0.520 $\pm$ 20.539 χ^2 /NDF: 3.3/4

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

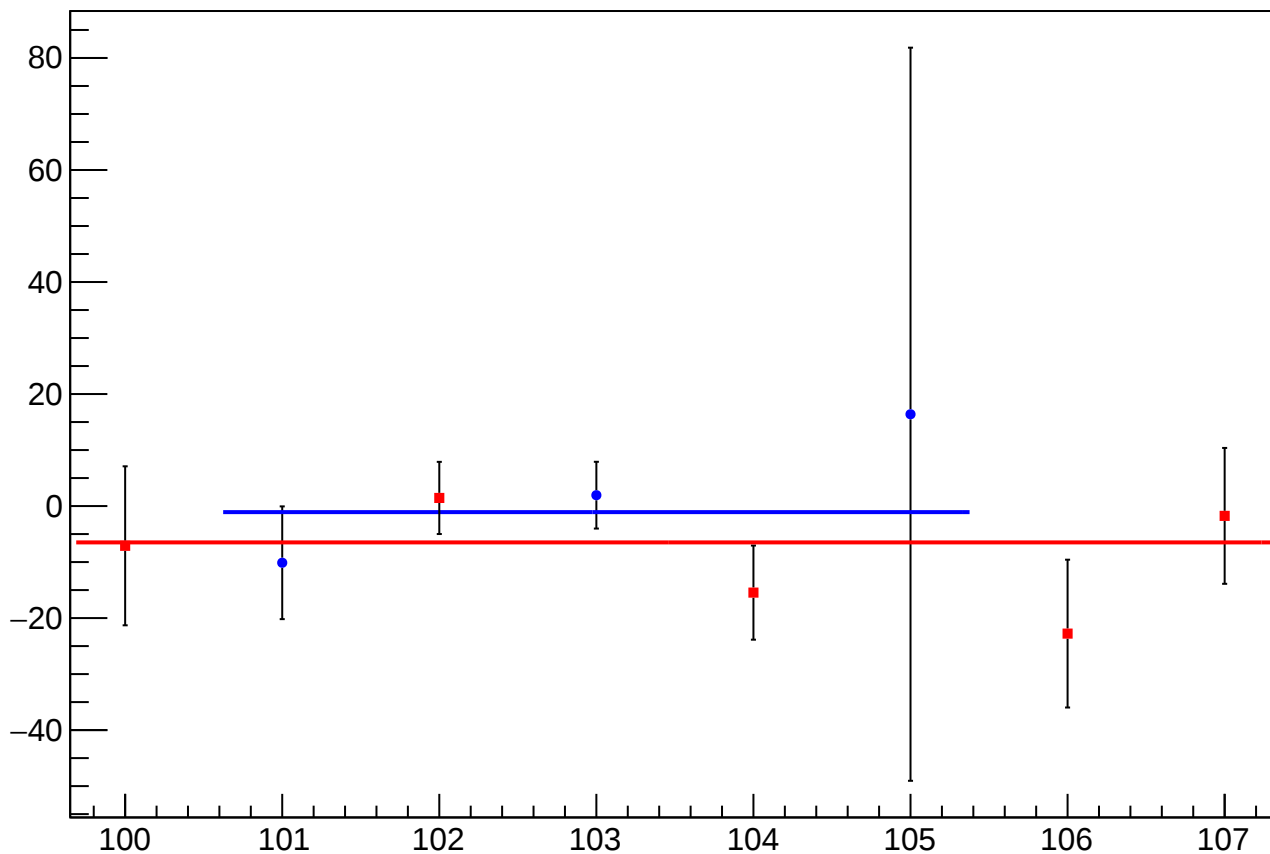
Right Out: 27150.145 $\pm$ 14.523 χ^2 /NDF: 16655.0/4

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

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

27150.145 $\pm$ 14.523 χ^2 /NDF: 16655.0/4

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

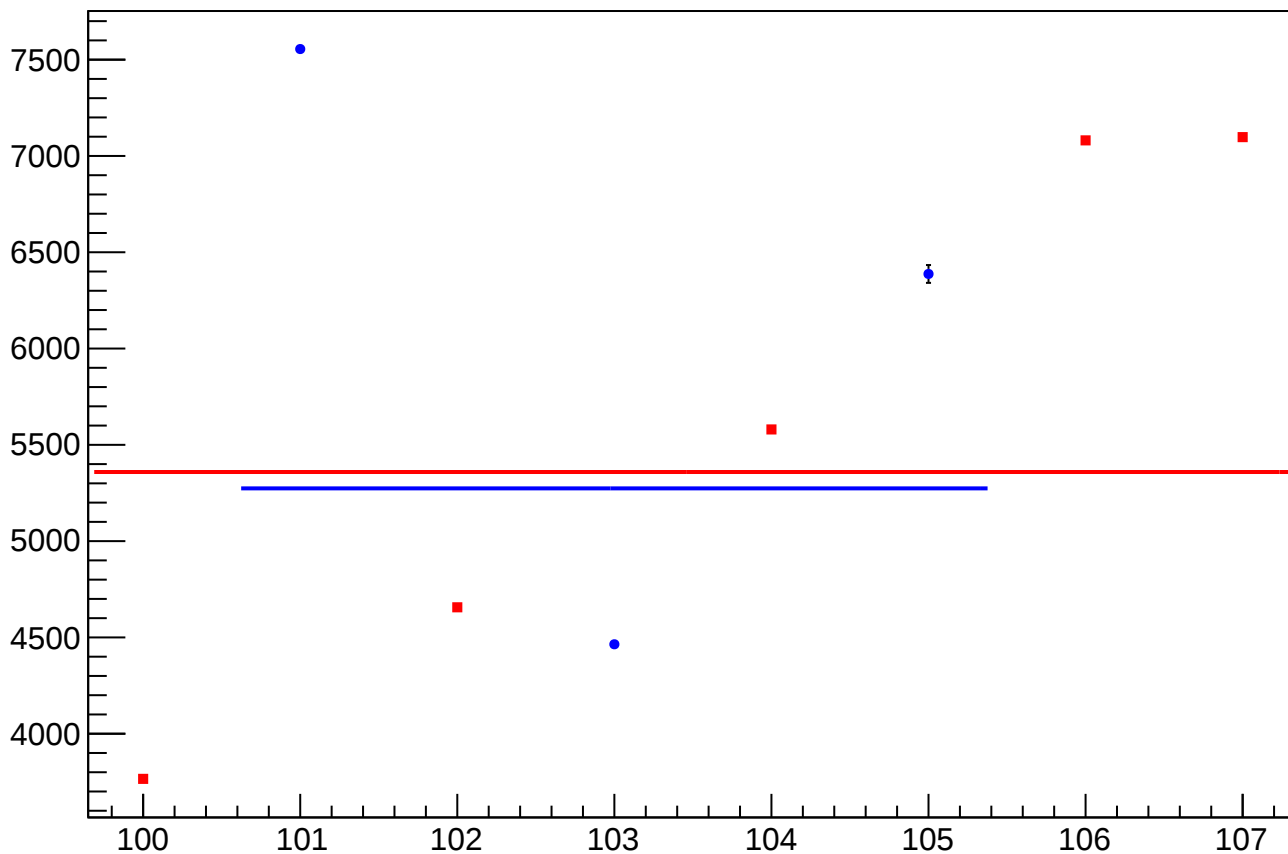
Right Out: -6.489+/-4.235 χ^2/NDF : 4.3/4

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

-1.084+/-5.113 χ^2/NDF : 1.1/2

-6.489+/-4.235 χ^2/NDF : 4.3/4

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

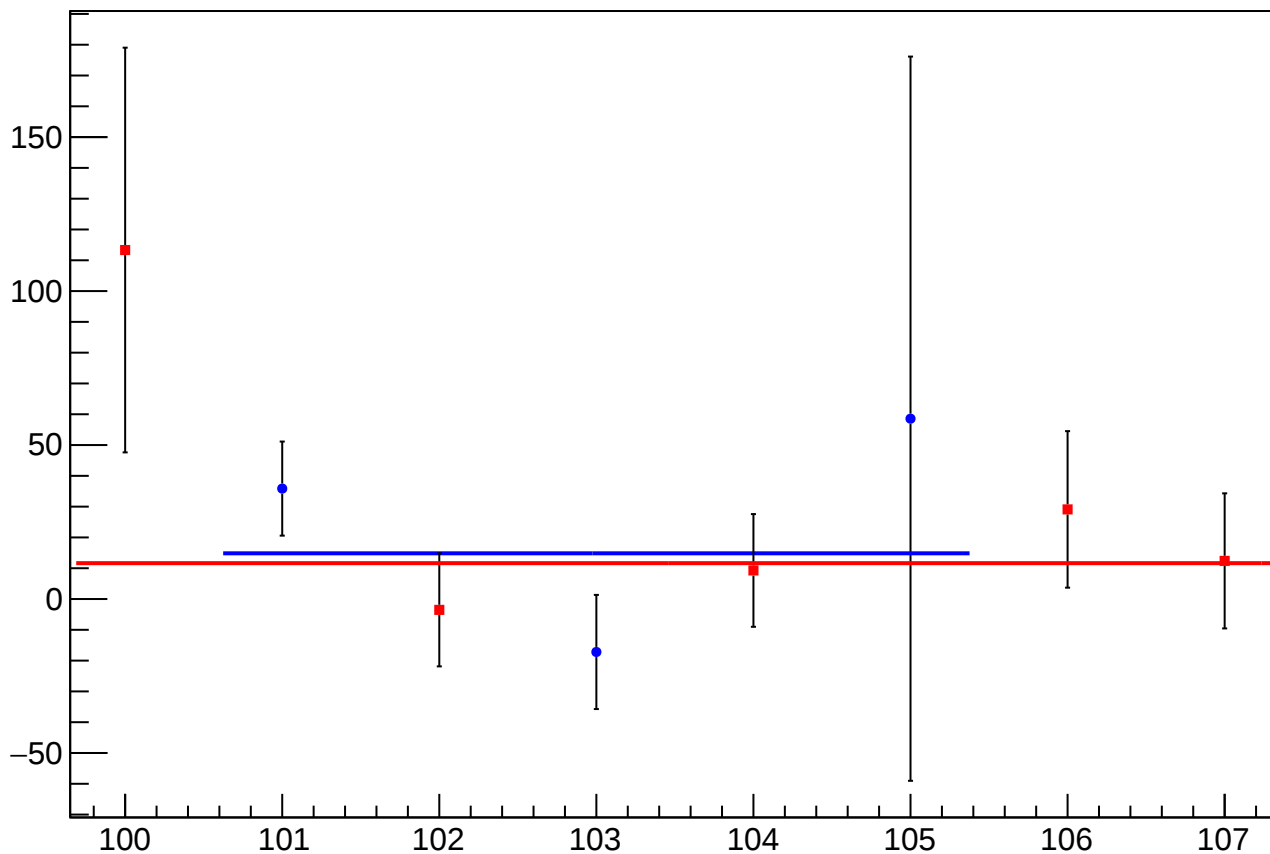
Right Out: 5358.943+/-2.995 χ^2/NDF : 125531.3/4

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

5273.921+/-3.616 χ^2/NDF : 140201.3/2

5358.943+/-2.995 χ^2/NDF : 125531.3/4

diff_bpm16X_mean vs slug



Right In: 14.843+/-11.729 χ^2/NDF : 5.0/2

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

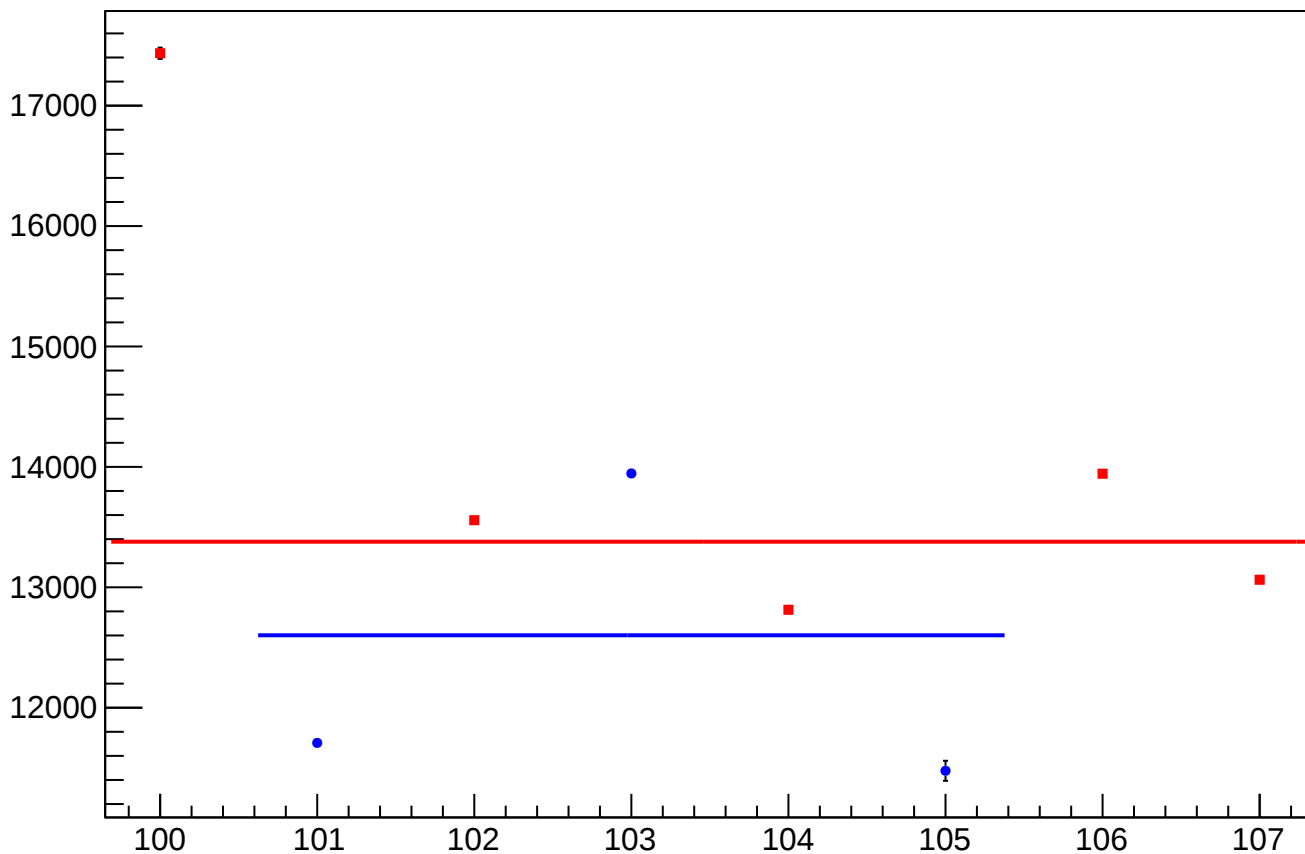
Right Out: 11.646+/-10.095 χ^2/NDF : 3.6/4

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

14.843+/-11.729 χ^2/NDF : 5.0/2

11.646+/-10.095 χ^2/NDF : 3.6/4

diff_bpm16X_rms vs slug



Right In: 12601.502+/-8.294 χ^2/NDF : 17544.3/2

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

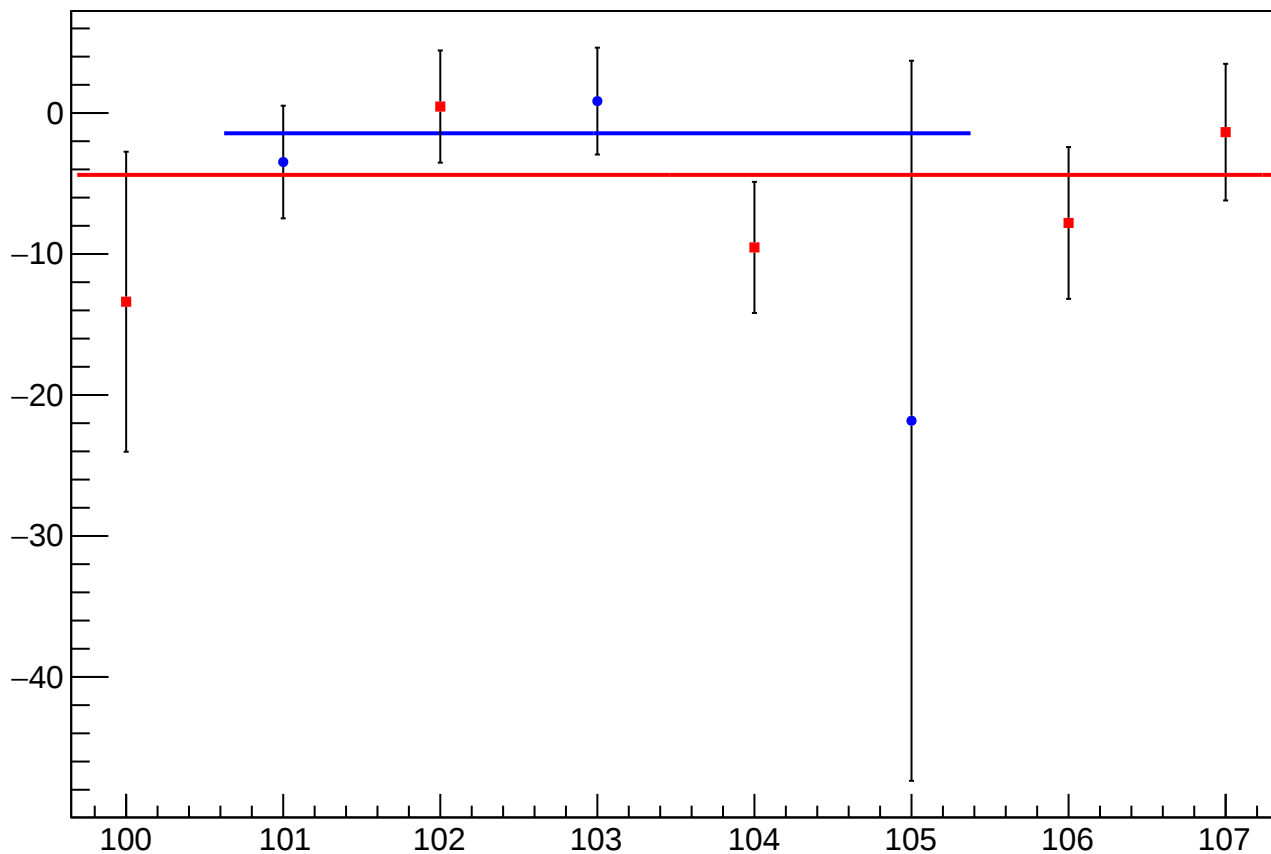
Right Out: 13378.675+/-7.138 χ^2/NDF : 11120.4/4

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

12601.502+/-8.294 χ^2/NDF : 17544.3/2

13378.675+/-7.138 χ^2/NDF : 11120.4/4

diff_bpm16Y_mean vs slug



Right In: -1.438 $\pm$ 2.734 χ^2 /NDF: 1.3/2

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

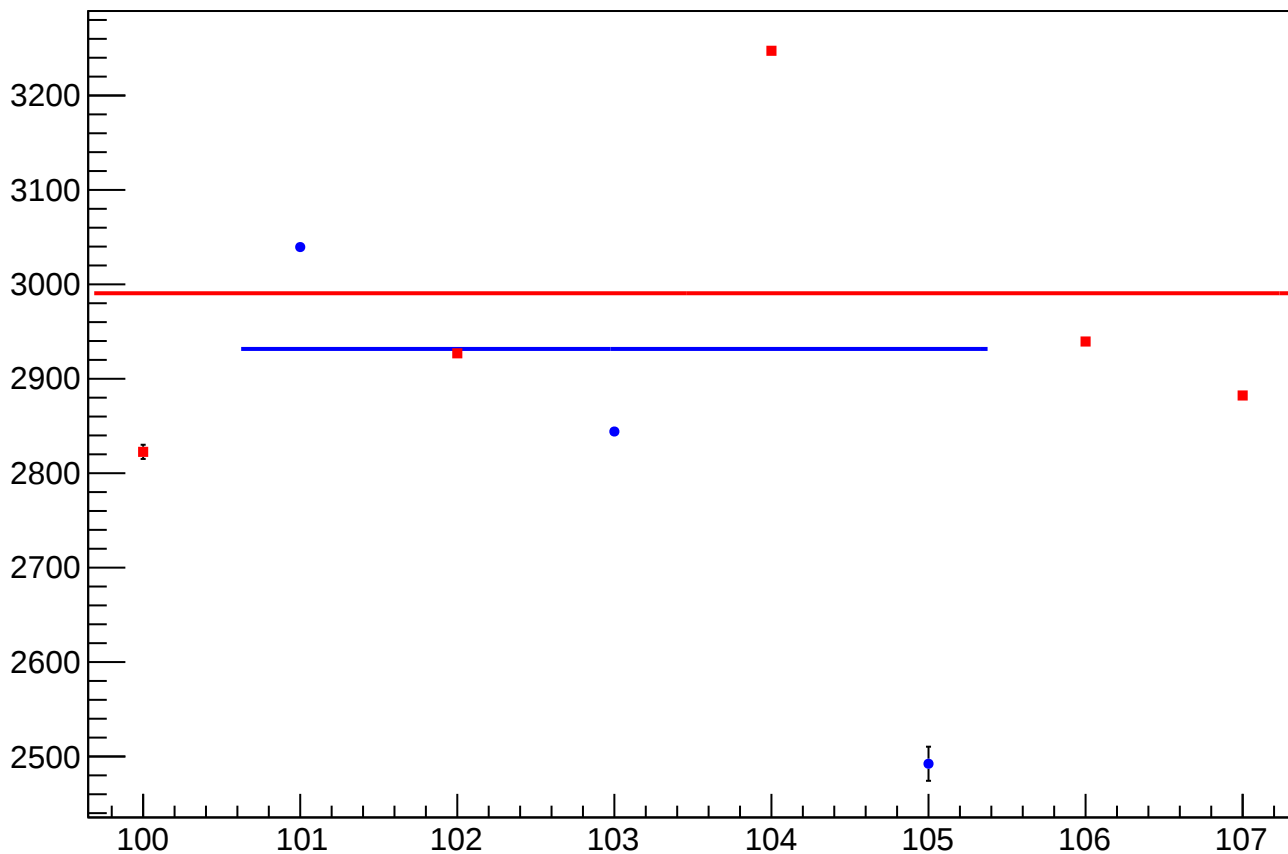
Right Out: -4.387 $\pm$ 2.262 χ^2 /NDF: 4.2/4

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

-1.438 $\pm$ 2.734 χ^2 /NDF: 1.3/2

-4.387 $\pm$ 2.262 χ^2 /NDF: 4.2/4

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

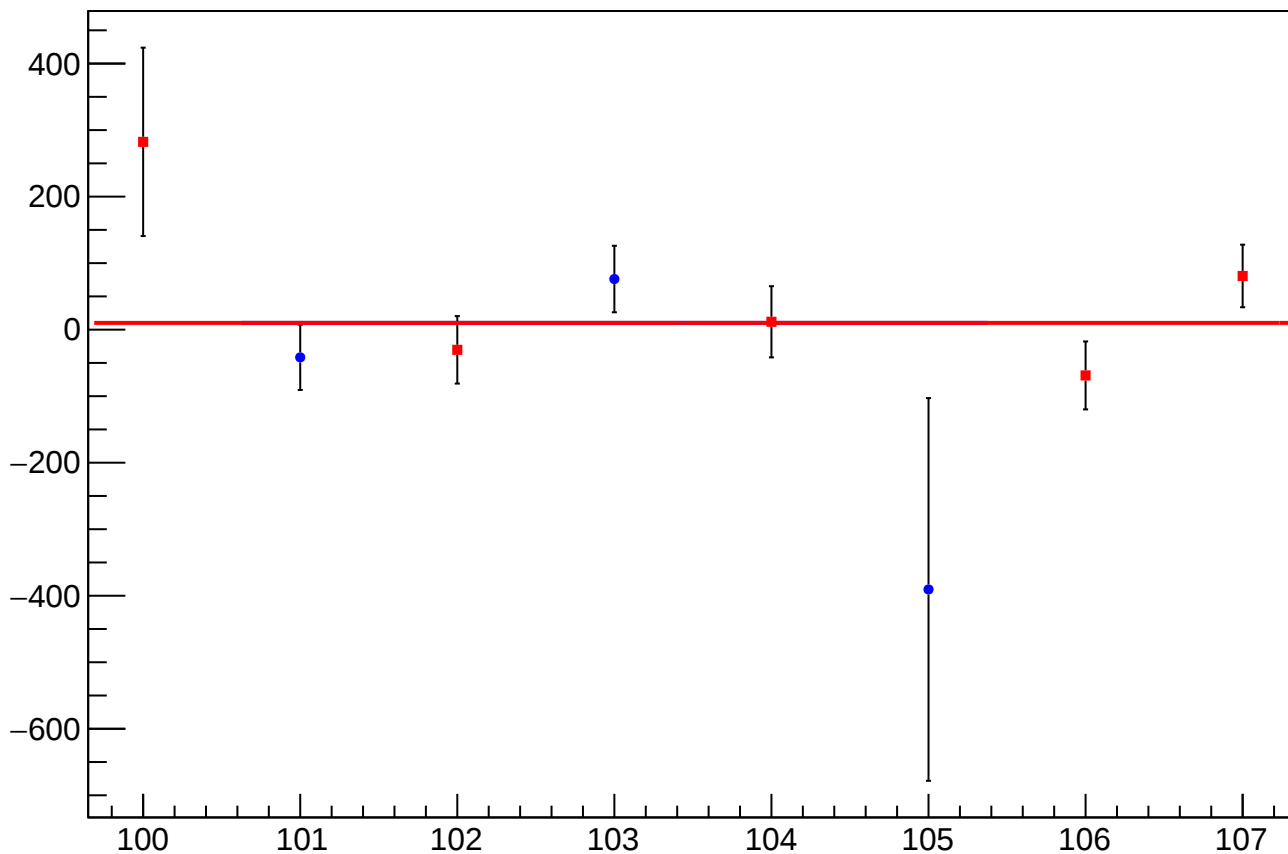
Right Out: 2990.580 $\pm$ 1.600 χ^2 /NDF: 8288.1/4

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

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

2990.580 $\pm$ 1.600 χ^2 /NDF: 8288.1/4

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

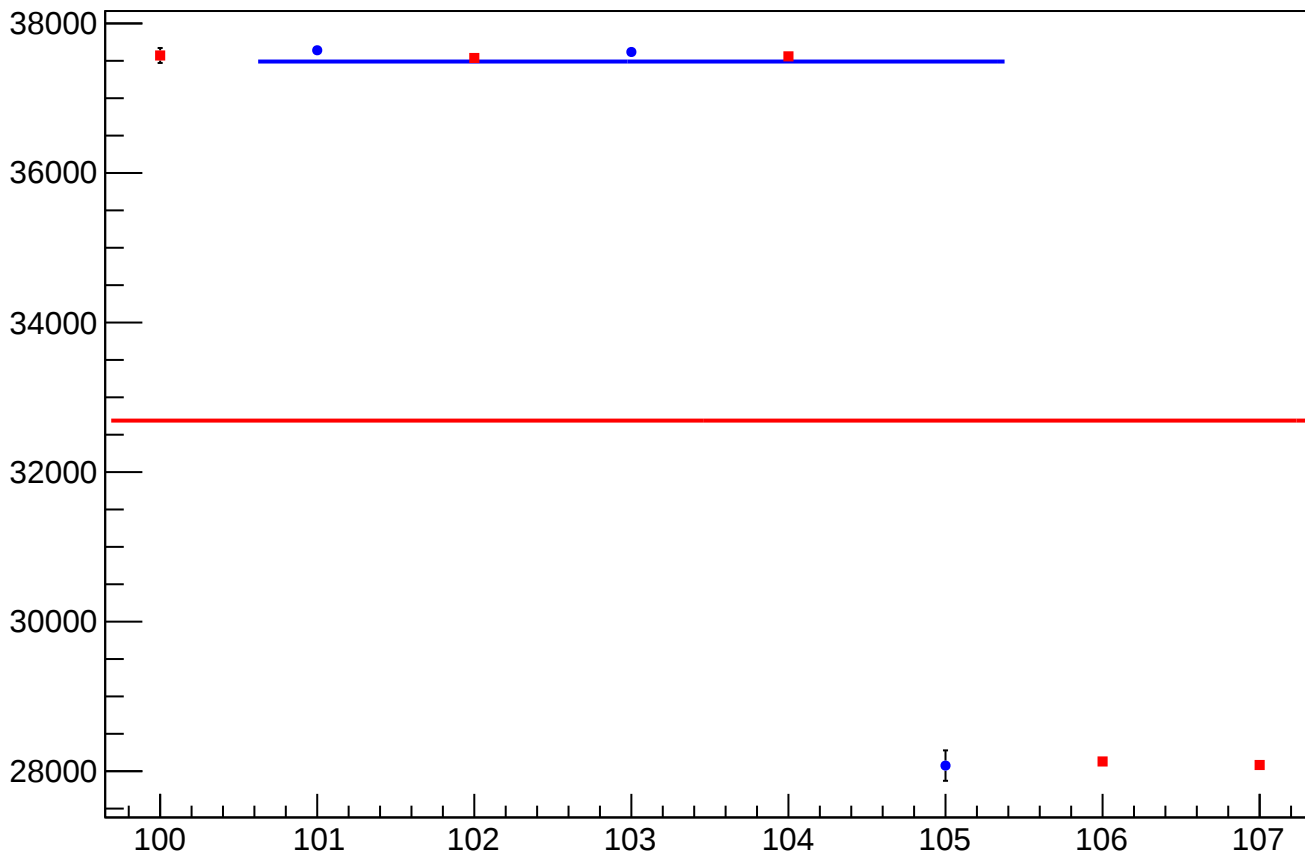
Right Out: 10.182+/-24.825 χ^2/NDF : 9.0/4

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

10.190+/-34.754 χ^2/NDF : 4.8/2

10.182+/-24.825 χ^2/NDF : 9.0/4

diff_bpm1p02bX_rms vs slug



Right In: 37490.546 $\pm$ 24.575 χ^2 /NDF: 2174.6/2

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

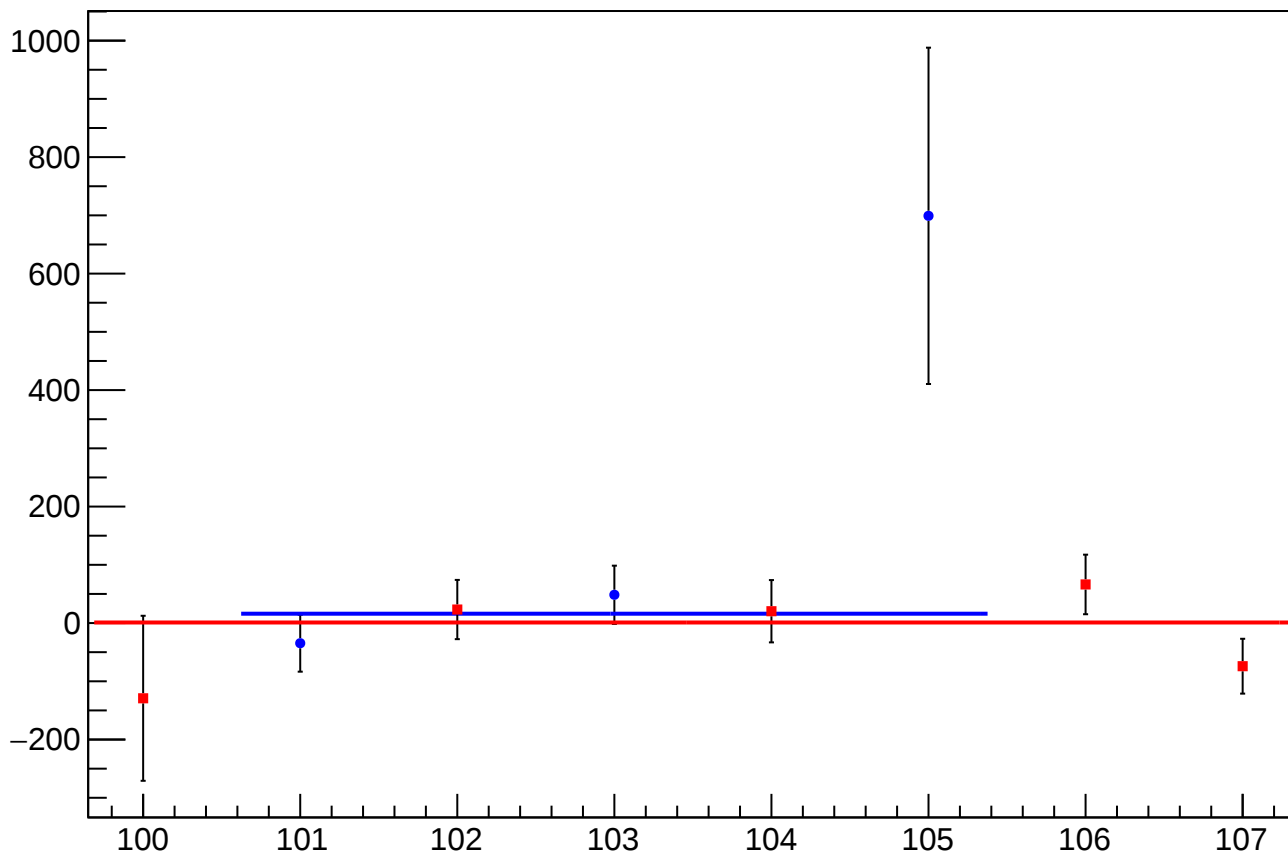
Right Out: 32688.753 $\pm$ 17.554 χ^2 /NDF: 72315.3/4

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

37490.546 $\pm$ 24.575 χ^2 /NDF: 2174.6/2

32688.753 $\pm$ 17.554 χ^2 /NDF: 72315.3/4

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

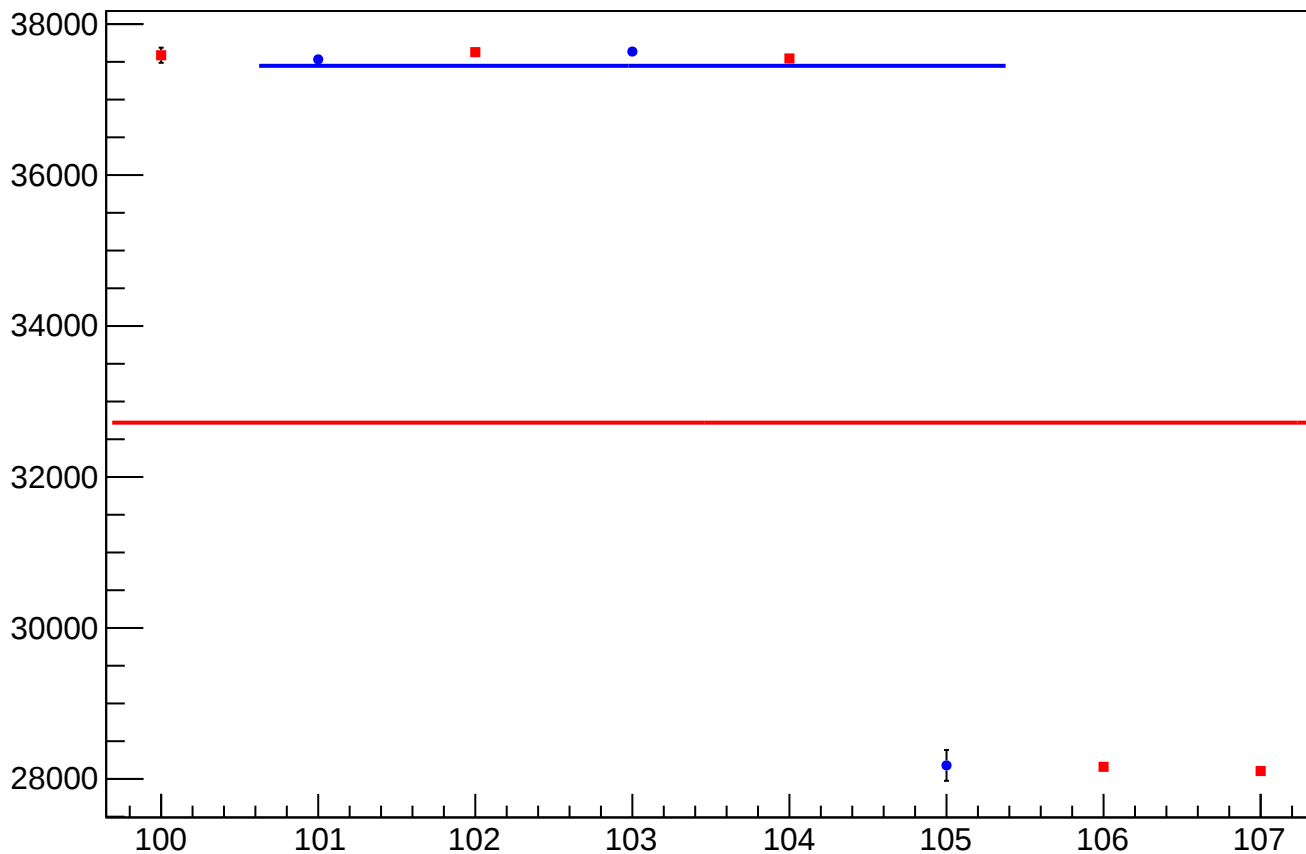
Right Out: 0.973+/-24.850 χ^2 /NDF: 5.3/4

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

16.058+/-34.713 χ^2 /NDF: 7.1/2

0.973+/-24.850 χ^2 /NDF: 5.3/4

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

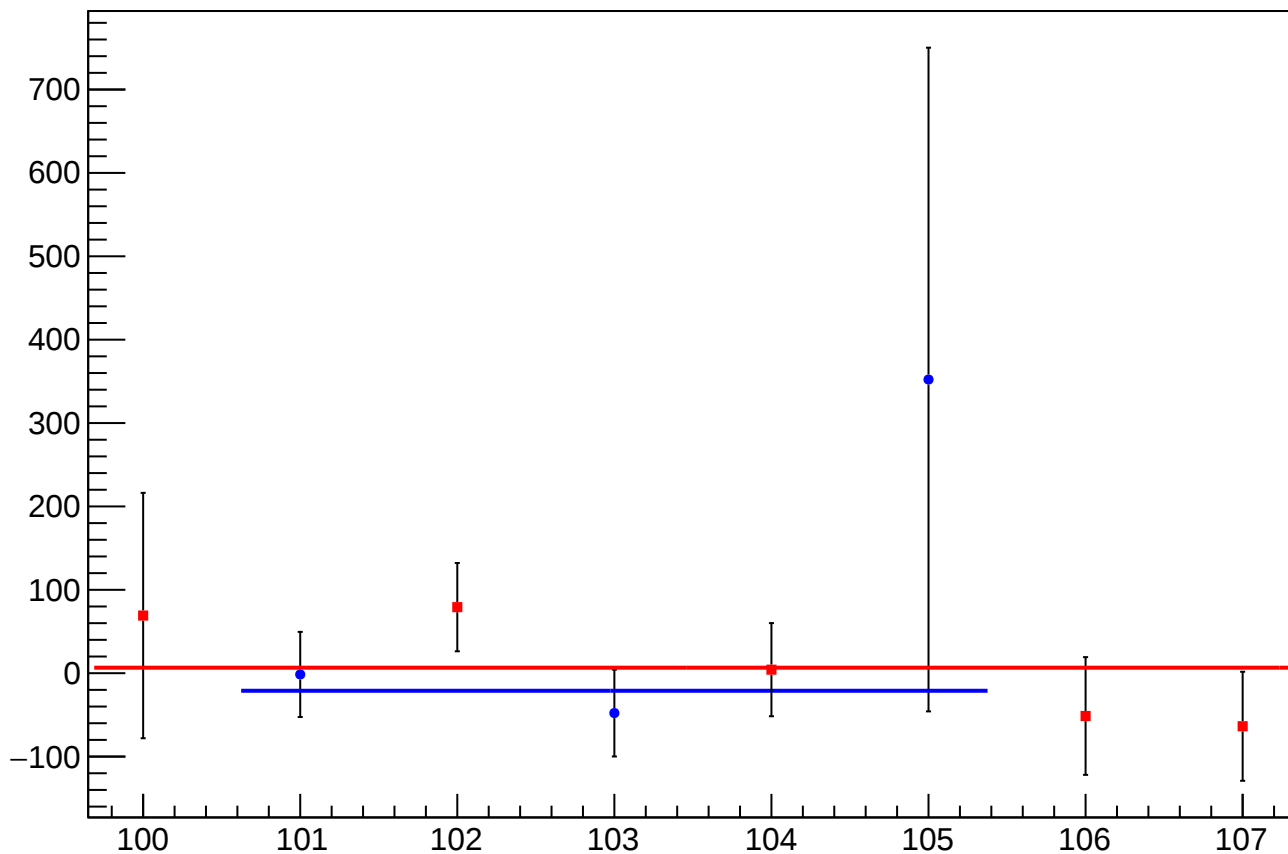
Right Out: 32720.316+/-17.571 χ^2 /NDF: 72378.7/4

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

37447.321+/-24.546 χ^2 /NDF: 2095.2/2

32720.316+/-17.571 χ^2 /NDF: 72378.7/4

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

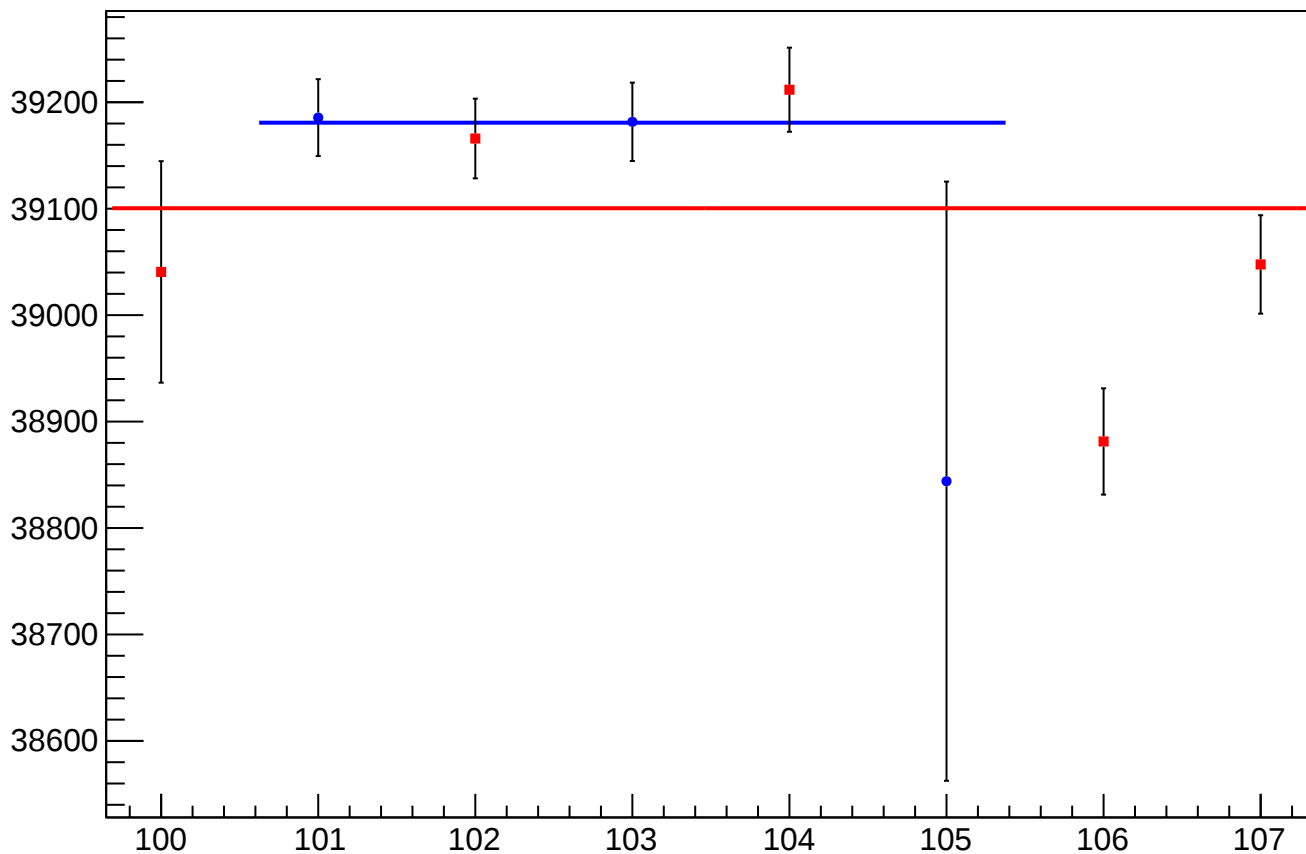
Right Out: 6.602+/-29.390 χ^2 /NDF: 3.9/4

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

-21.071+/-36.304 χ^2 /NDF: 1.3/2

6.602+/-29.390 χ^2 /NDF: 3.9/4

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

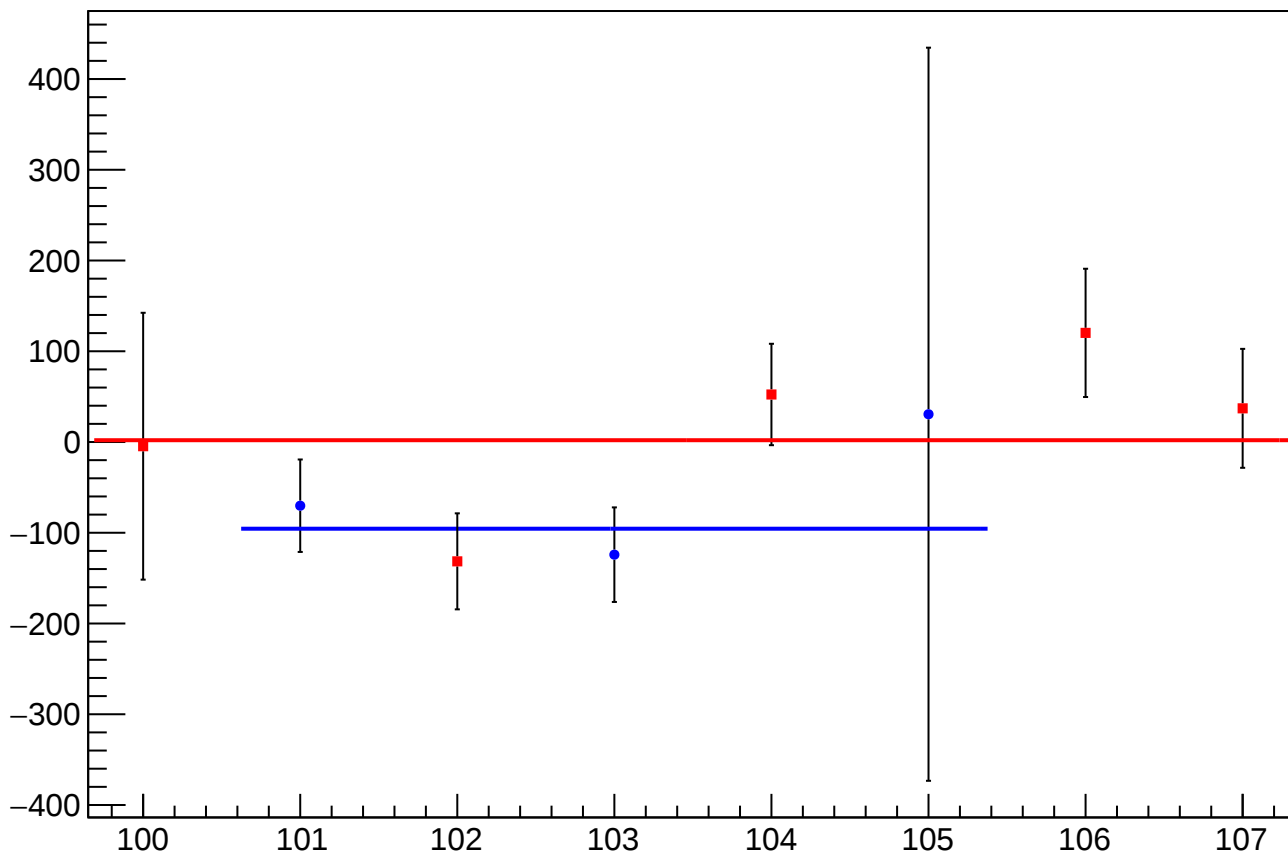
Right Out: 39100.406 $\pm$ 20.782 χ^2 /NDF: 31.9/4

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

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

39100.406 $\pm$ 20.782 χ^2 /NDF: 31.9/4

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

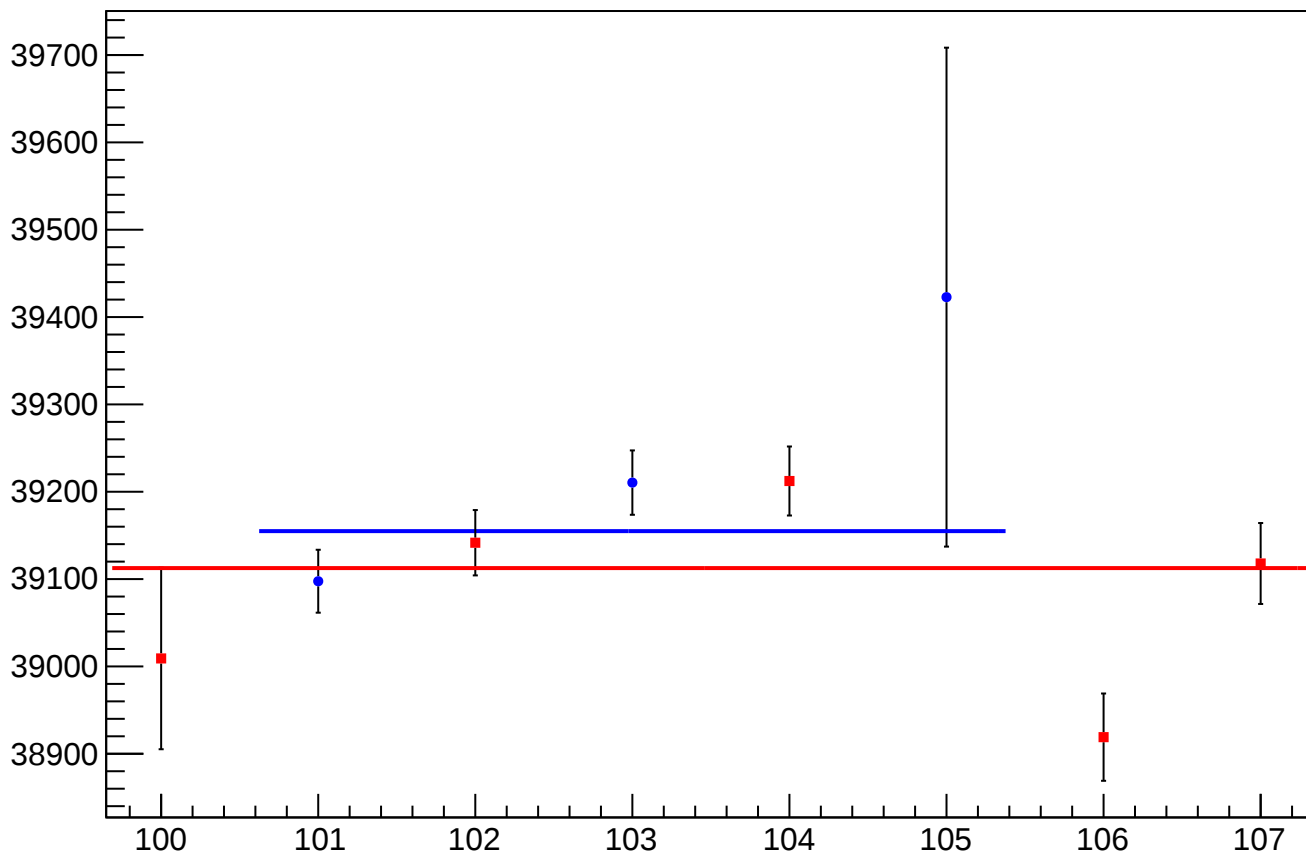
Right Out: 1.981+/-29.399 χ^2 /NDF: 10.3/4

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

-95.543+/-36.280 χ^2 /NDF: 0.6/2

1.981+/-29.399 χ^2 /NDF: 10.3/4

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

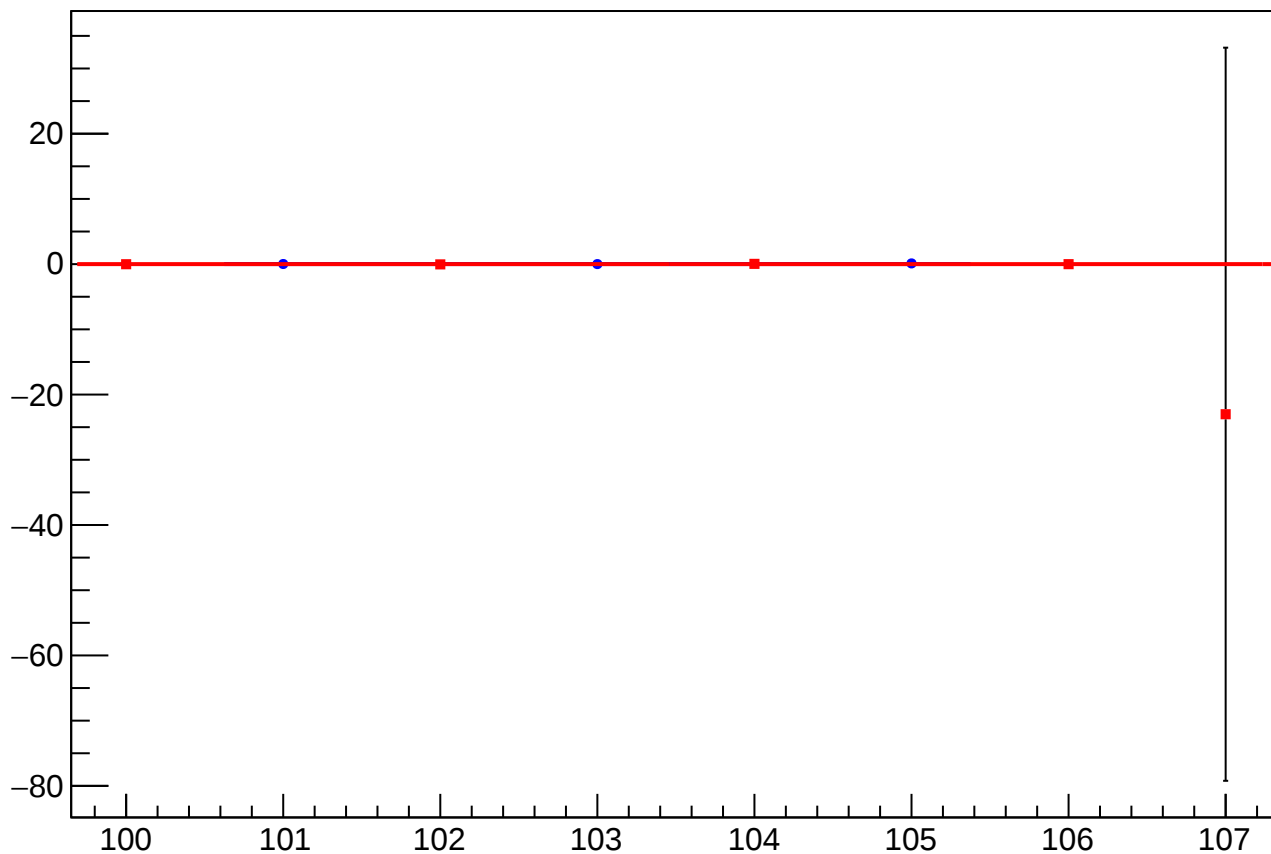
Right Out: 39112.591 $\pm$ 20.788 χ^2 /NDF: 23.0/4

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

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

39112.591 $\pm$ 20.788 χ^2 /NDF: 23.0/4

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

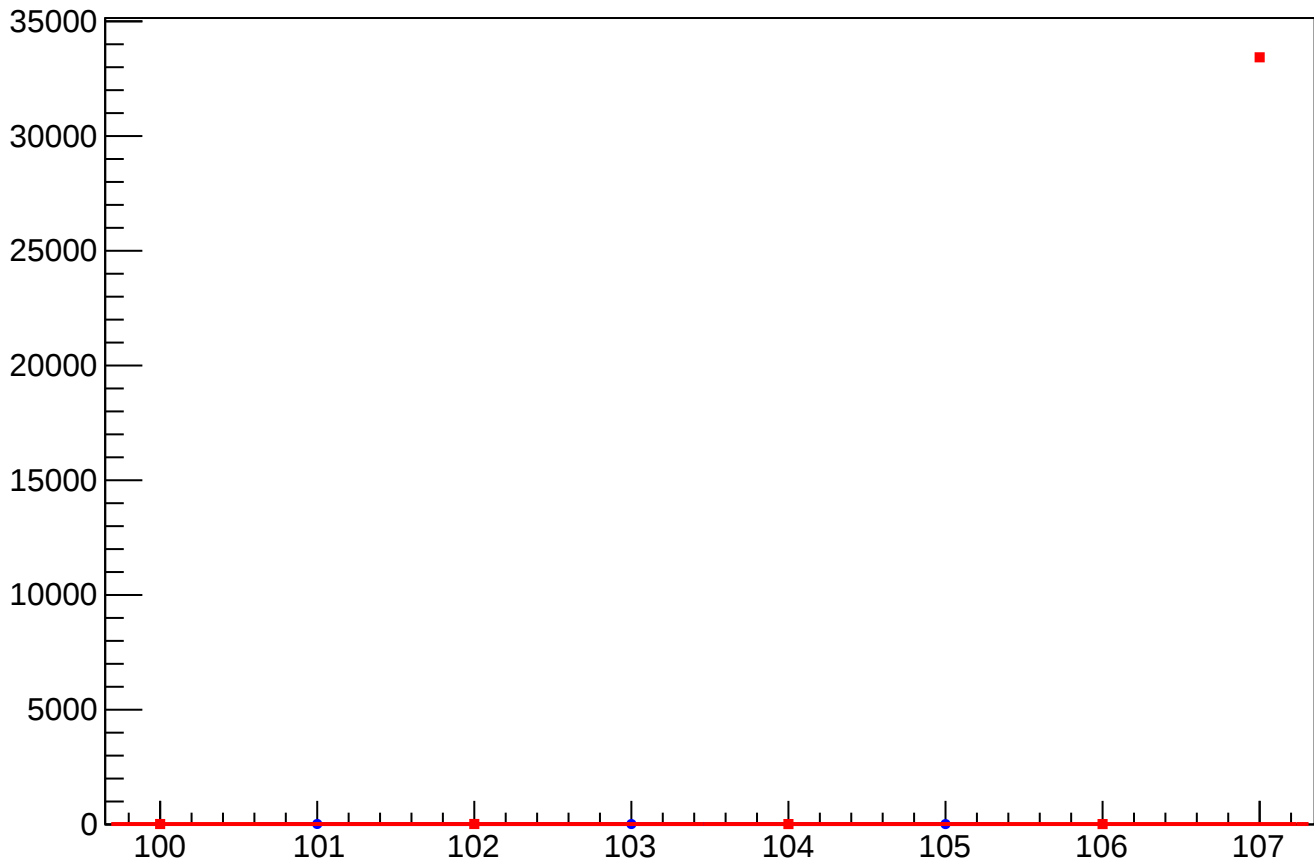
Right Out: 0.003+/-0.016 χ^2/NDF : 5.0/4

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 : 5.0/4

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

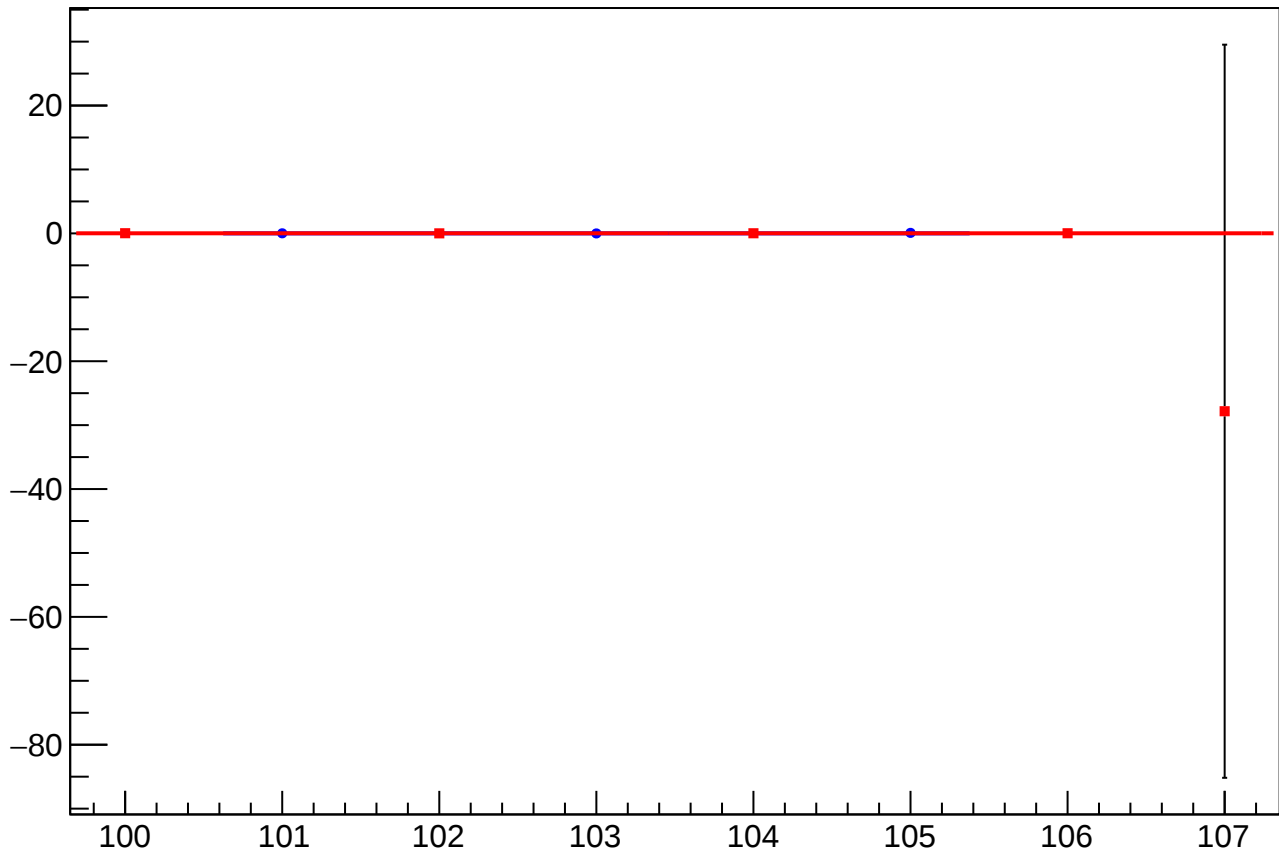
18.526+/-0.012 χ^2/NDF : 12535.7/2

Right Out: 18.245+/-0.011 χ^2/NDF : 719353.6/4

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

18.245+/-0.011 χ^2/NDF : 719353.6/4

diff_cav4bY_mean vs slug



Right In: 0.002+/-0.009 χ^2/NDF : 2.0/2

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

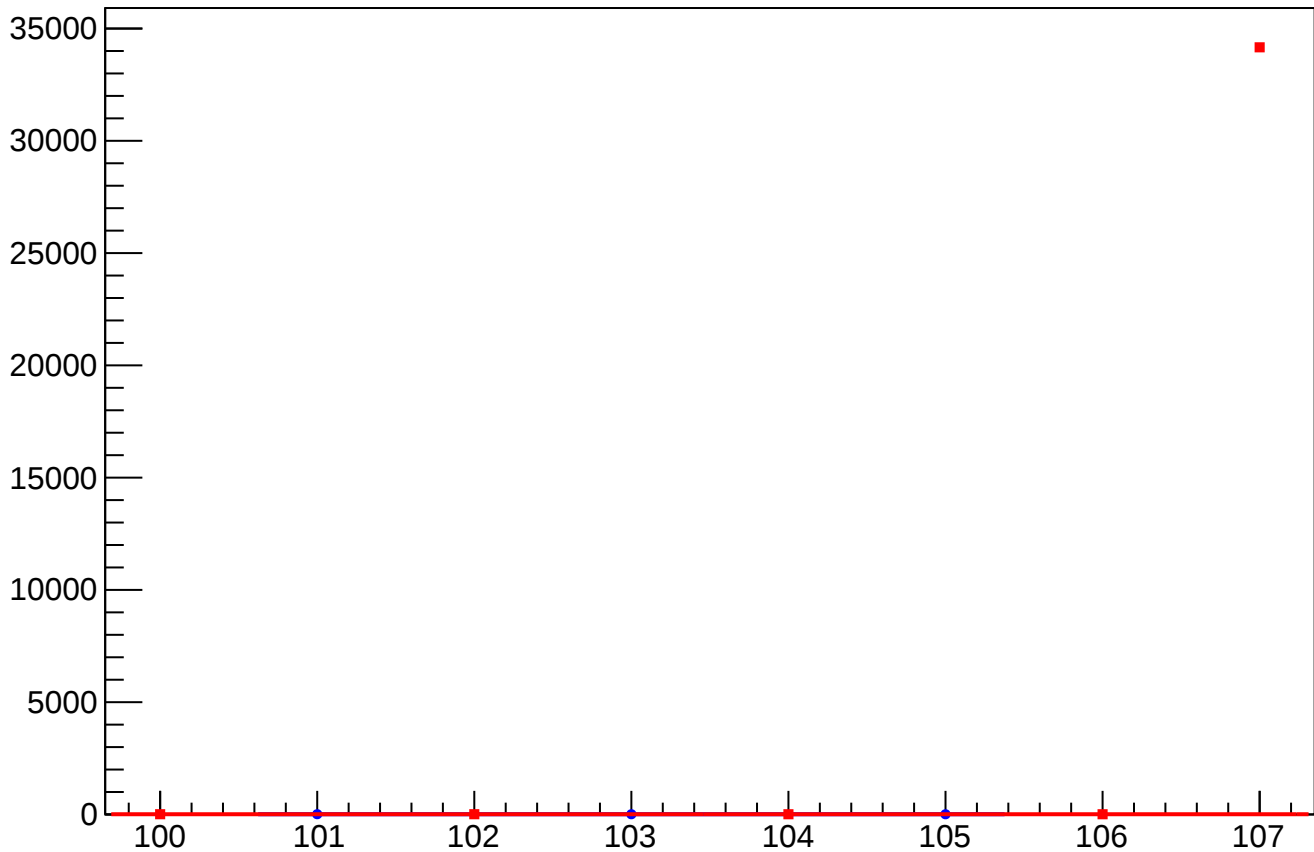
Right Out: 0.014+/-0.009 χ^2/NDF : 0.9/4

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

0.002+/-0.009 χ^2/NDF : 2.0/2

0.014+/-0.009 χ^2/NDF : 0.9/4

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

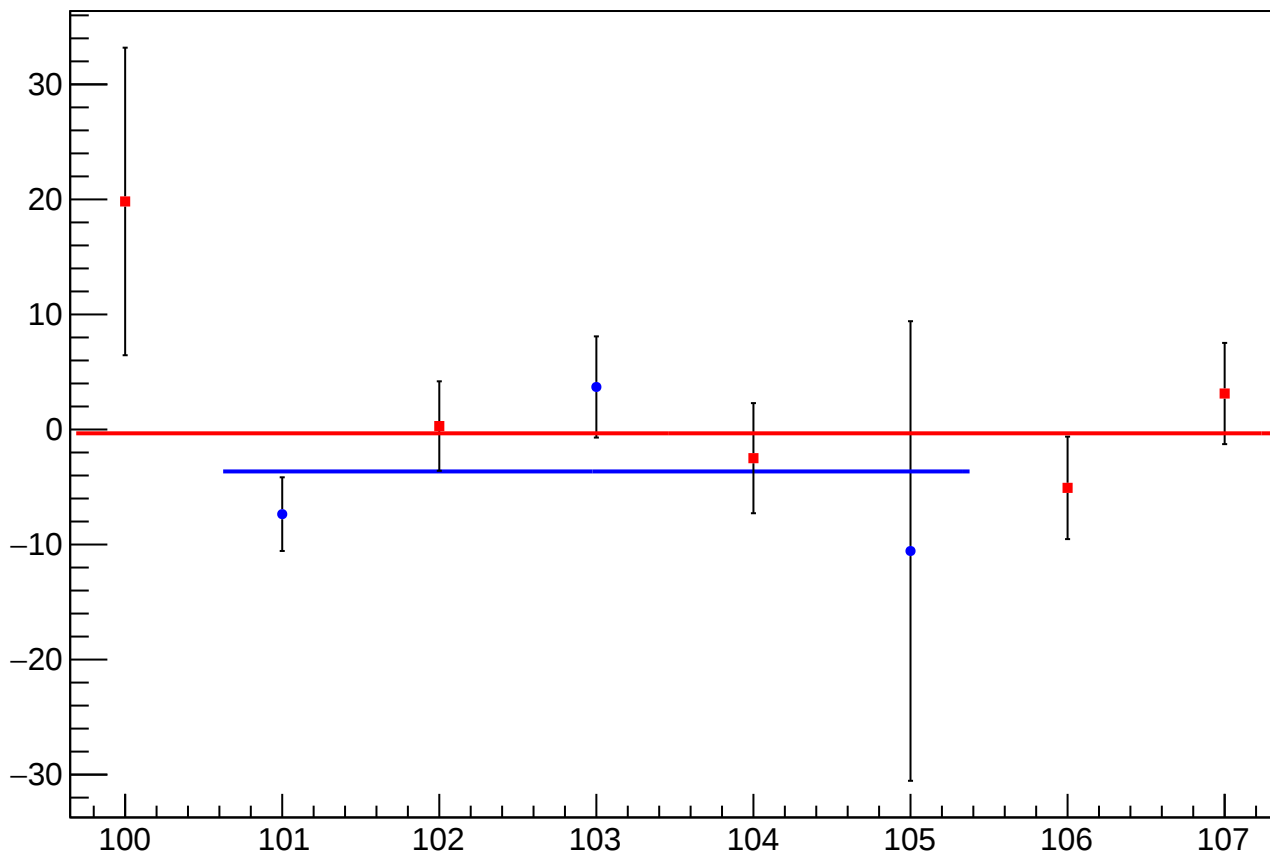
9.835+/-0.006 χ^2/NDF : 11730.3/2

Right Out: 9.781+/-0.006 χ^2/NDF : 723288.6/4

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

9.781+/-0.006 χ^2/NDF : 723288.6/4

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

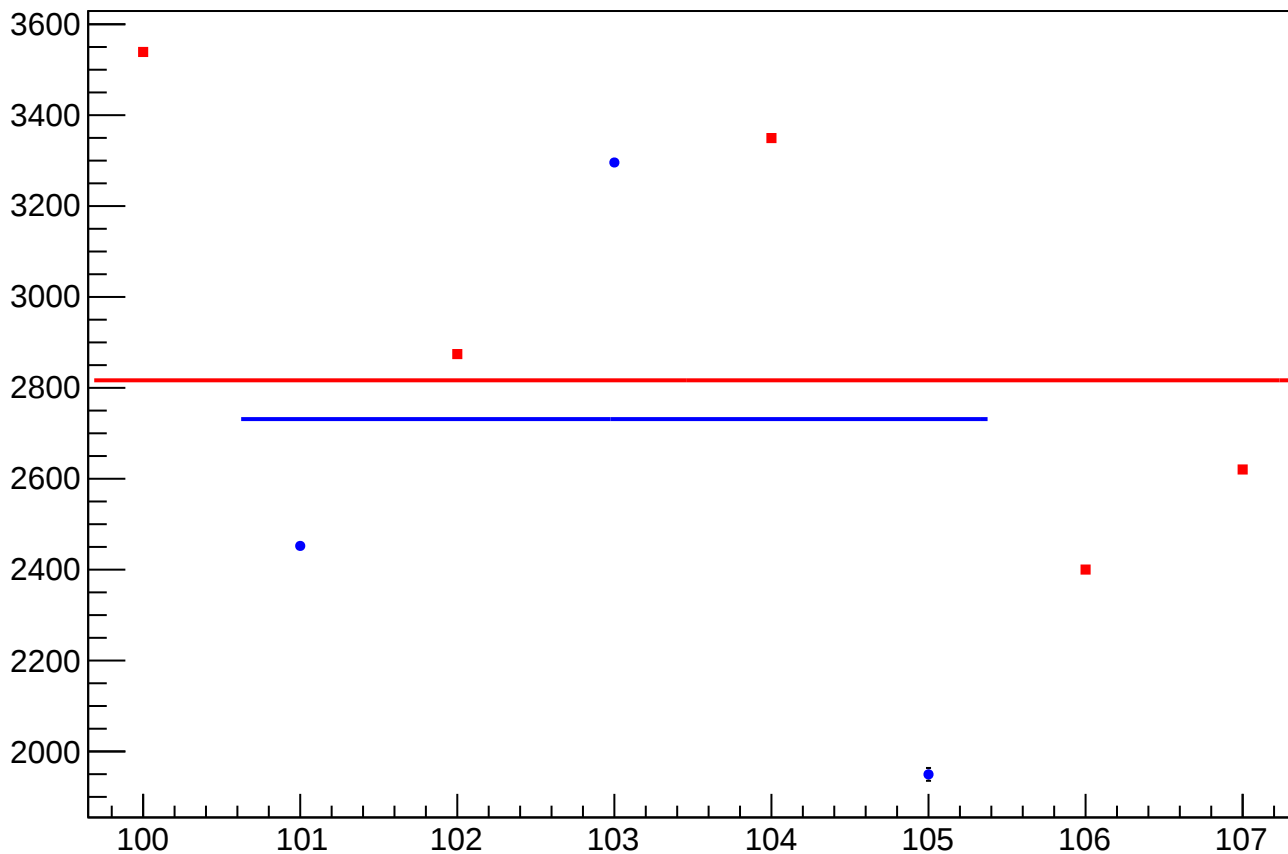
Right Out: -0.333 $\pm$ 2.145 χ^2 /NDF: 4.3/4

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

-3.646 $\pm$ 2.567 χ^2 /NDF: 4.3/2

-0.333 $\pm$ 2.145 χ^2 /NDF: 4.3/4

diff_cav4cX_rms vs slug



Right In: 2731.271 $\pm$ 1.815 χ^2 /NDF: 51211.8/2

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

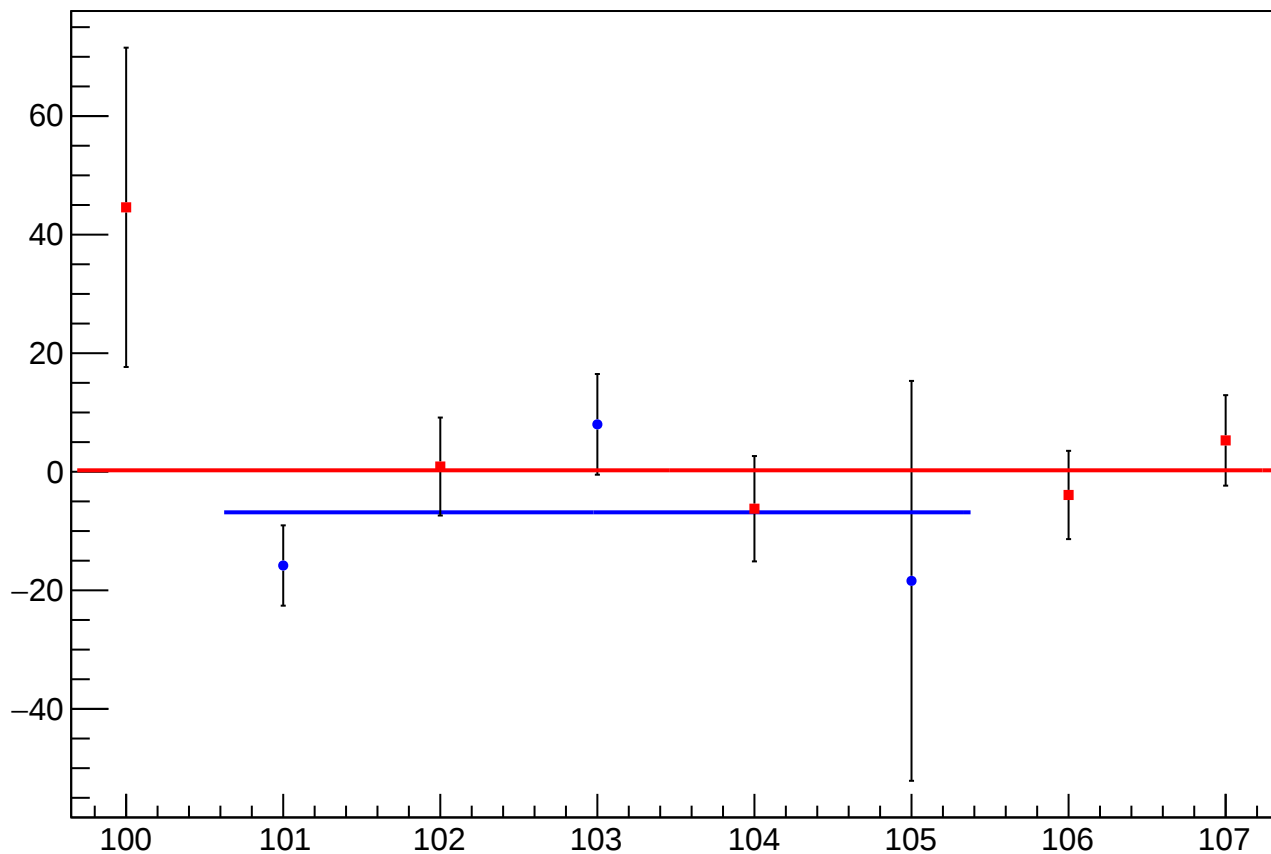
Right Out: 2816.597 $\pm$ 1.517 χ^2 /NDF: 52542.9/4

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

2731.271 $\pm$ 1.815 χ^2 /NDF: 51211.8/2

2816.597 $\pm$ 1.517 χ^2 /NDF: 52542.9/4

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

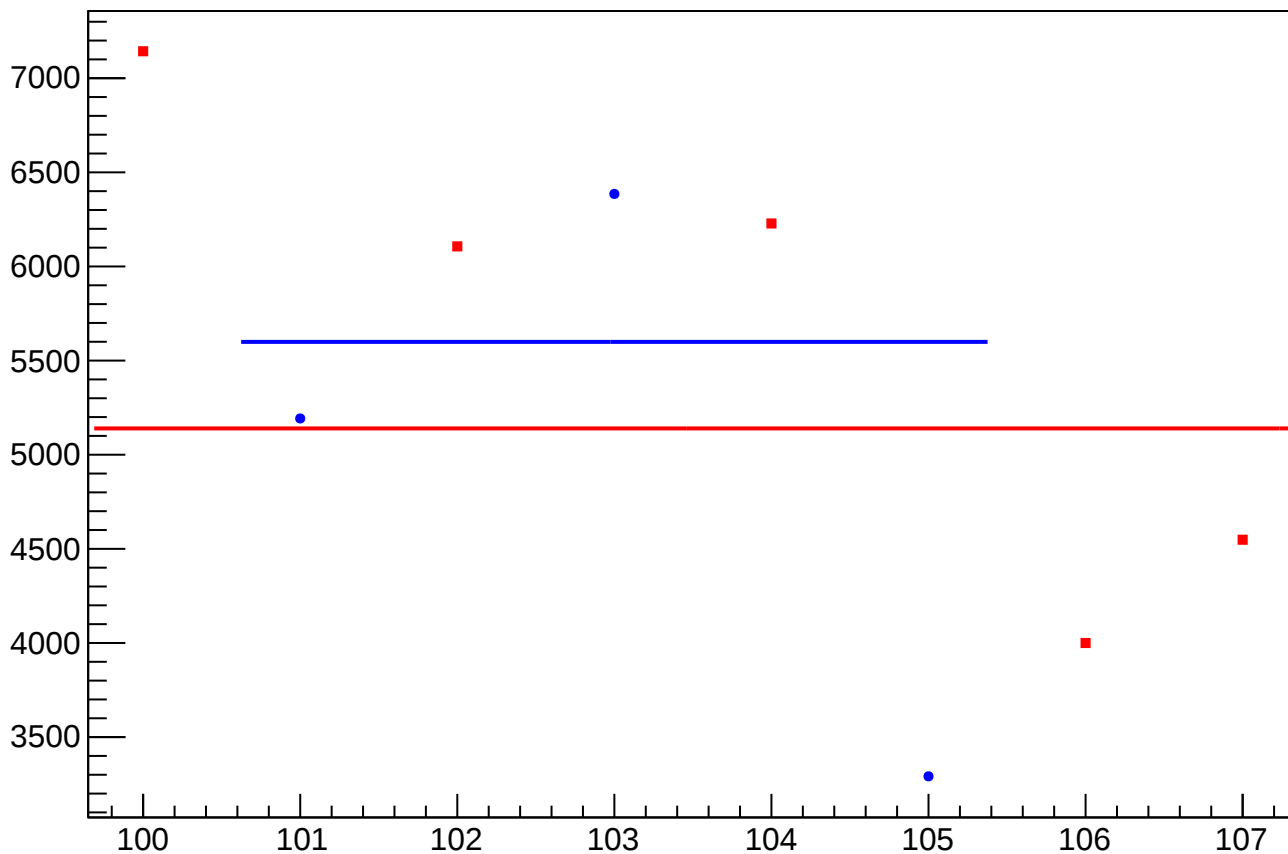
Right Out: 0.246+/-3.956 χ^2/NDF : 4.0/4

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

-6.842+/-5.232 χ^2/NDF : 4.9/2

0.246+/-3.956 χ^2/NDF : 4.0/4

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

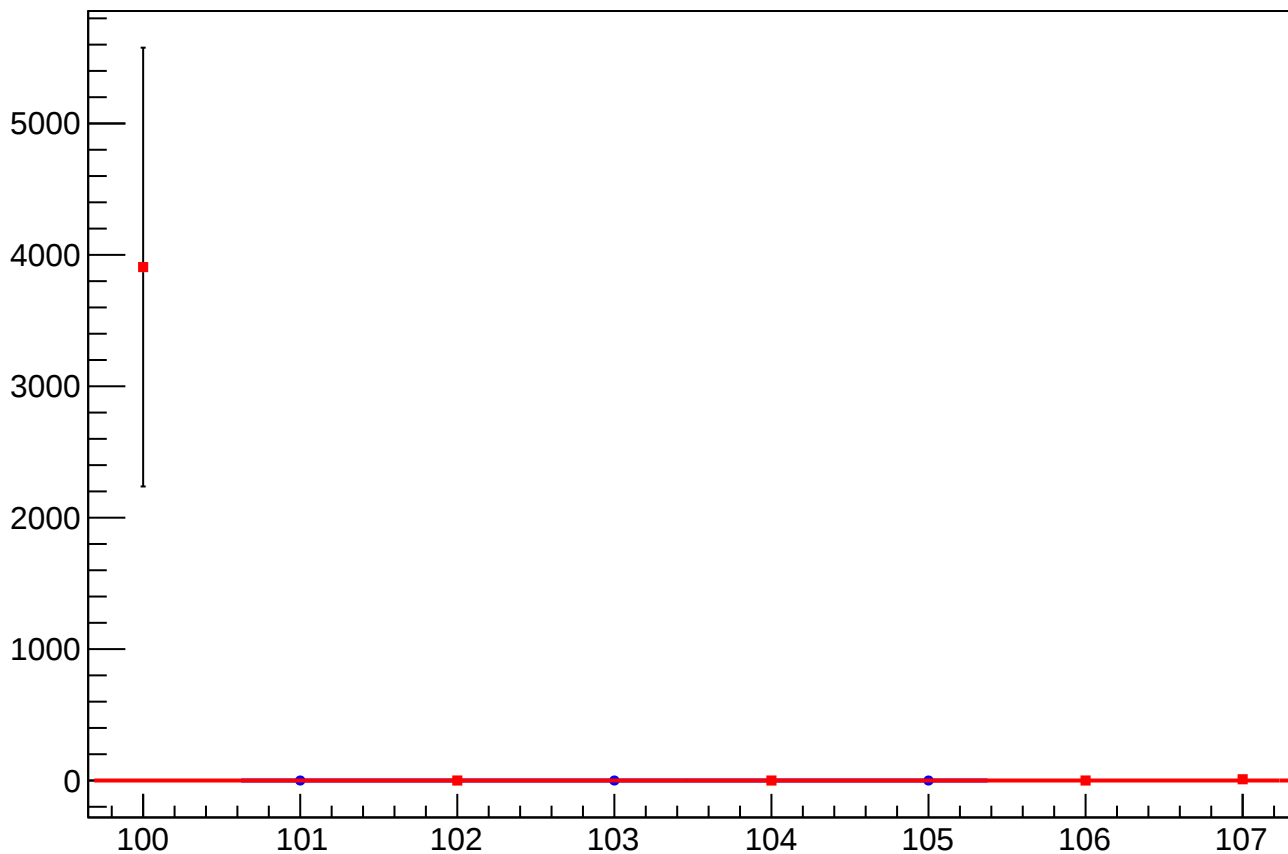
Right Out: 5139.730+/-2.797 χ^2/NDF : 127355.3/4

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

5599.429+/-3.699 χ^2/NDF : 33700.2/2

5139.730+/-2.797 χ^2/NDF : 127355.3/4

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

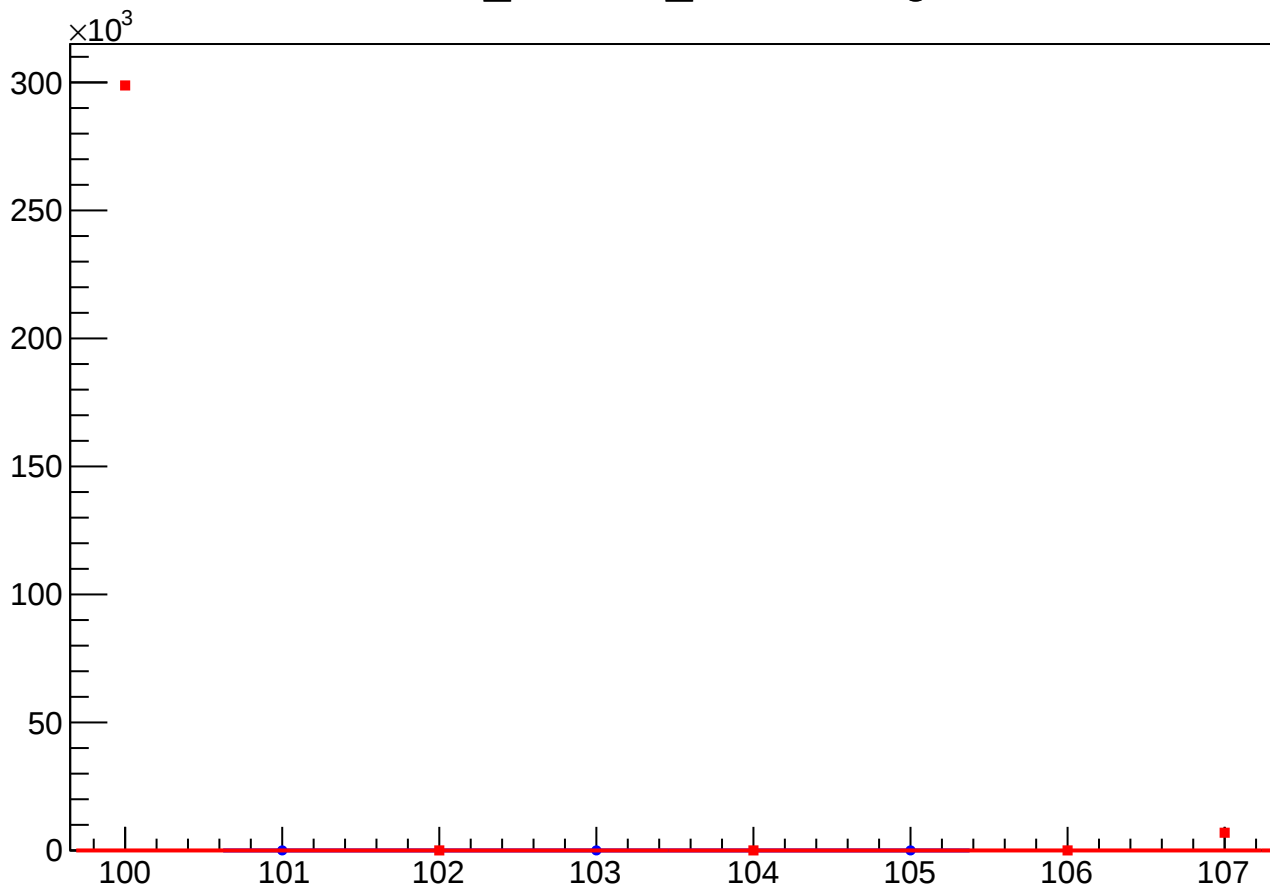
Right Out: -0.026+/-0.020 χ^2/NDF : 7.0/4

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 : 7.0/4

diff_cav4dX_rms vs slug



Right In: 16.894 $\pm$ 0.015 χ^2/NDF : 351.1/2

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

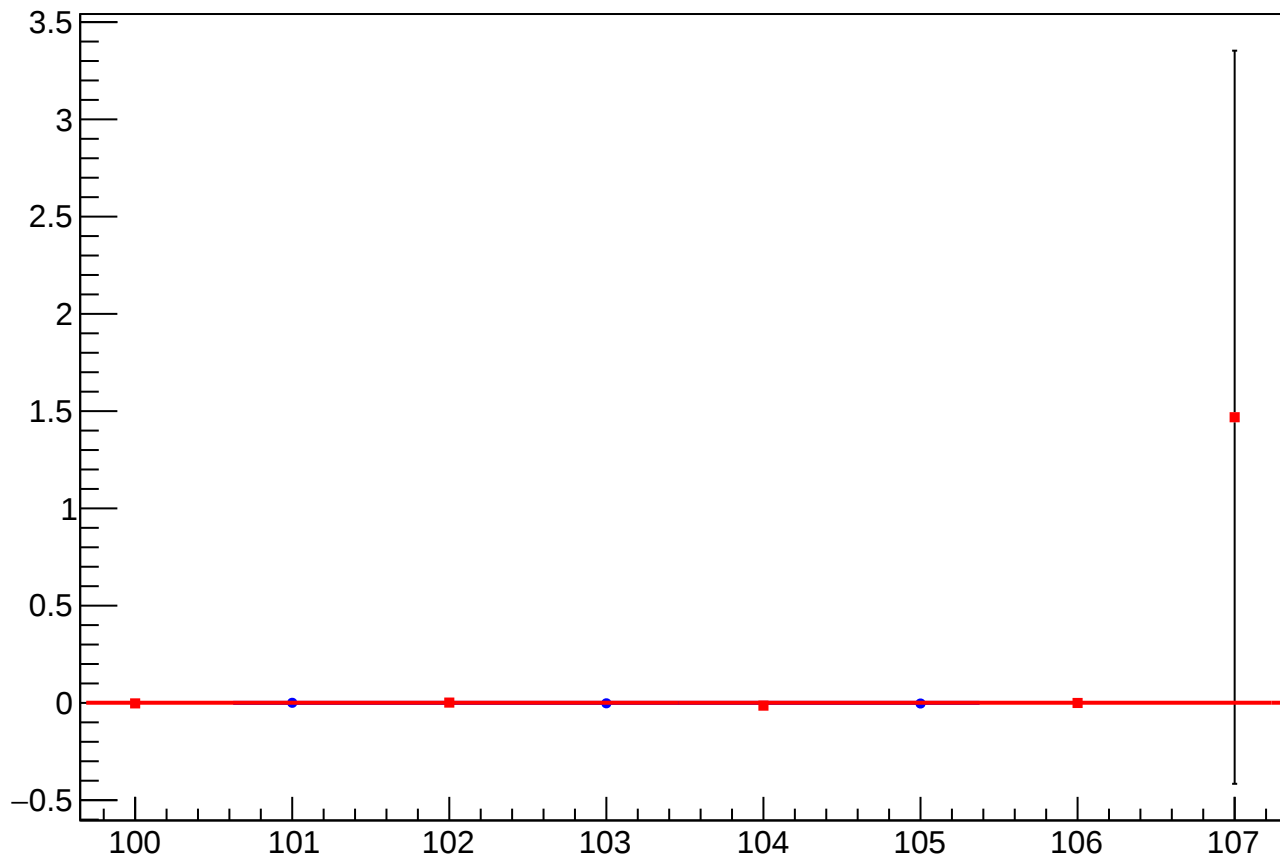
Right Out: 16.952 $\pm$ 0.014 χ^2/NDF : 767347.7/4

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

16.894 $\pm$ 0.015 χ^2/NDF : 351.1/2

16.952 $\pm$ 0.014 χ^2/NDF : 767347.7/4

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

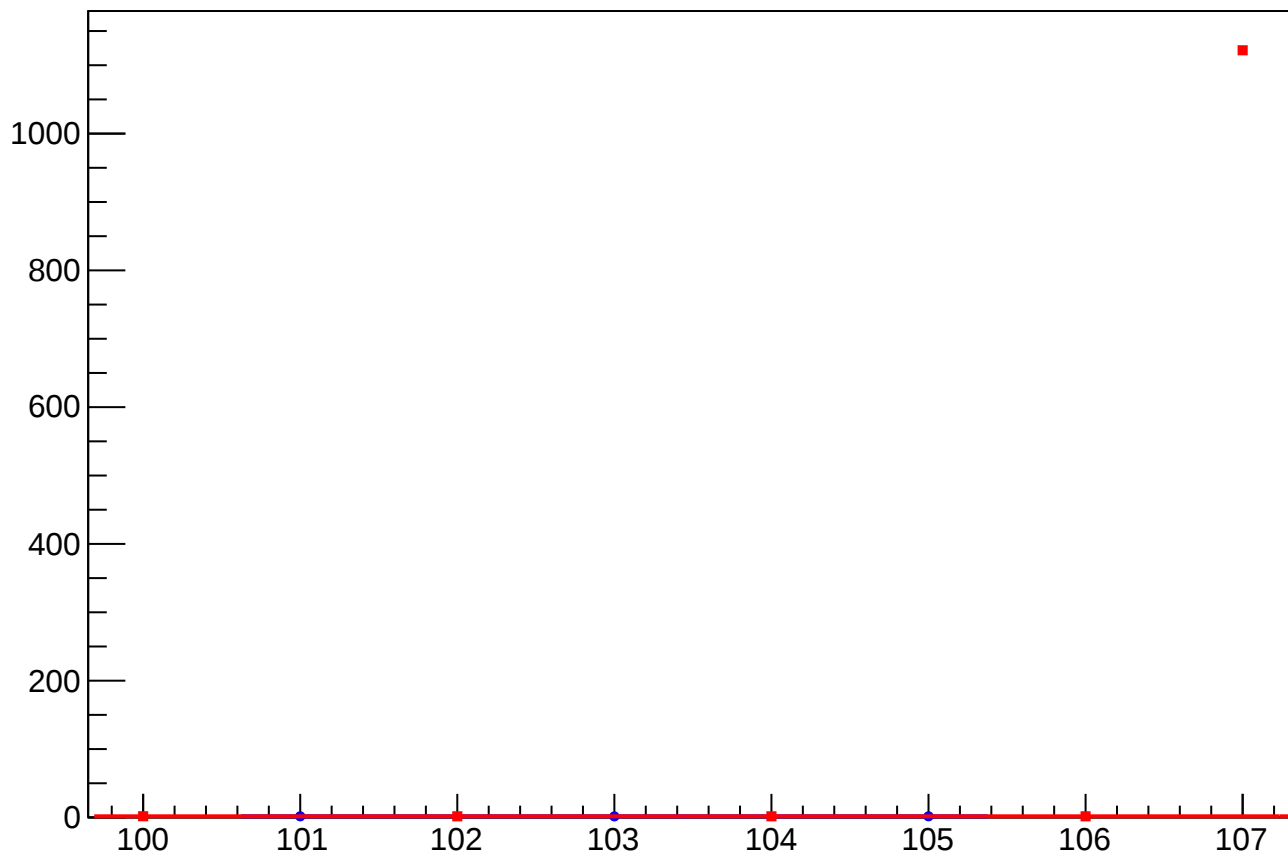
Right Out: 0.001 $\pm$ 0.002 χ^2 /NDF: 1.6/4

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: 1.6/4

diff_cav4dY_rms vs slug



Right In: 1.645 $\pm$ 0.001 χ^2 /NDF: 775.7/2

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

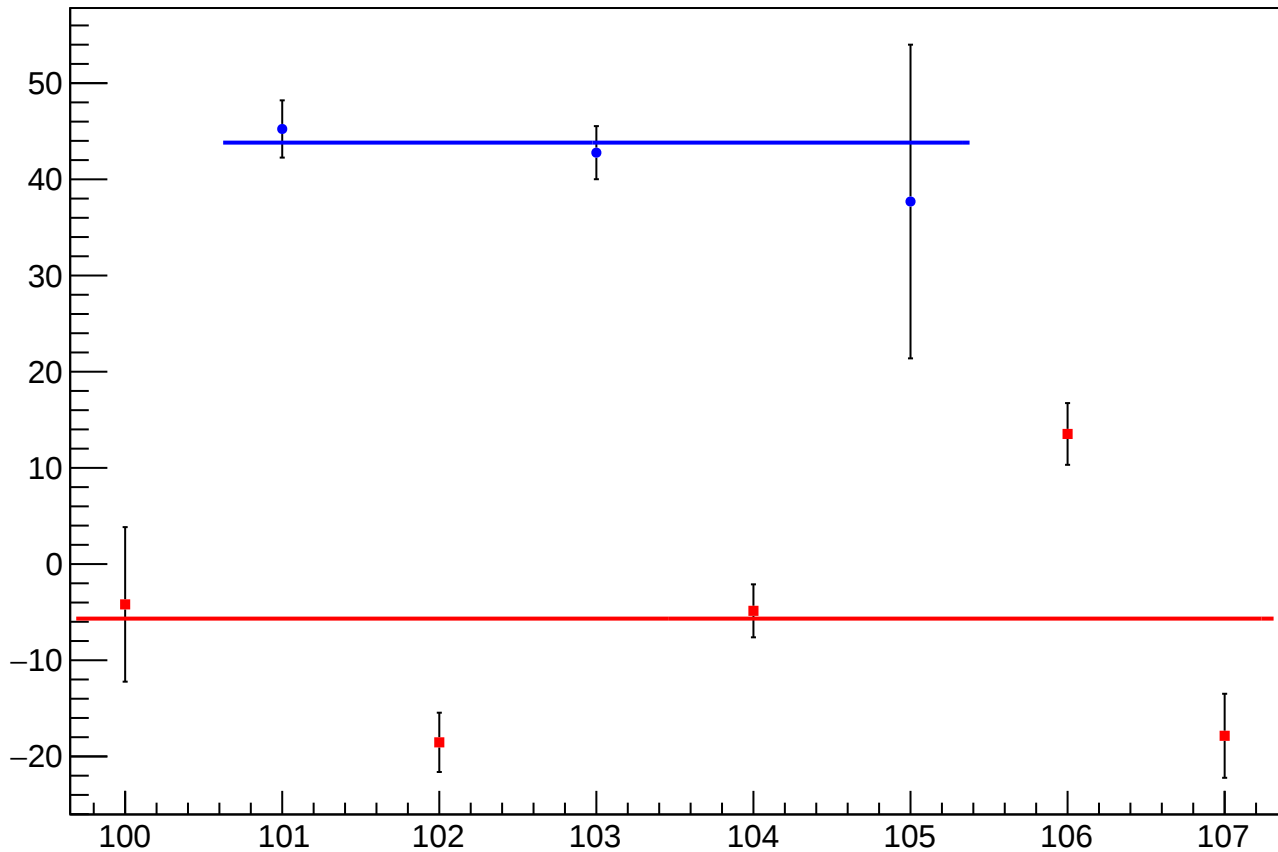
Right Out: 1.681 $\pm$ 0.001 χ^2 /NDF: 706786.8/4

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

1.645 $\pm$ 0.001 χ^2 /NDF: 775.7/2

1.681 $\pm$ 0.001 χ^2 /NDF: 706786.8/4

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

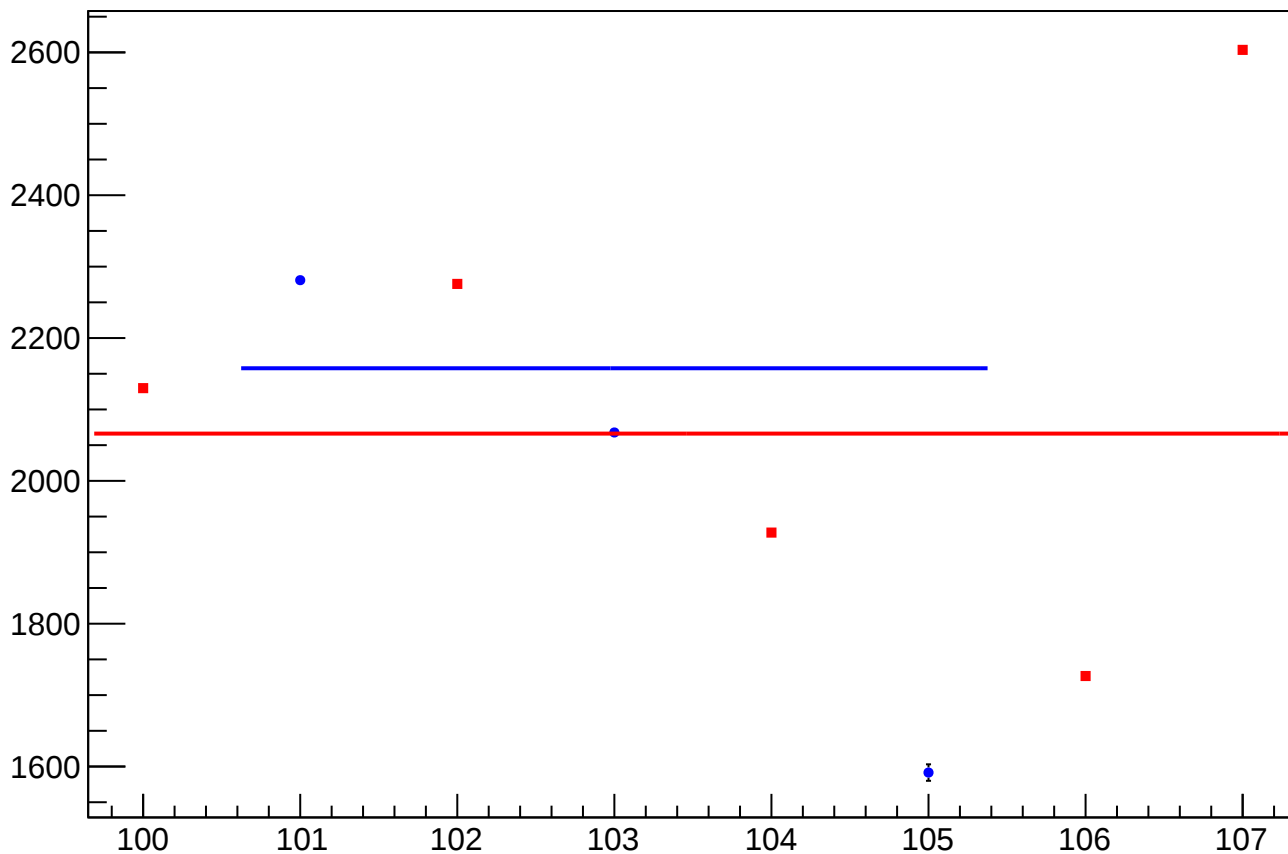
43.817+/-2.009 χ^2/NDF : 0.5/2

Right Out: -5.670+/-1.577 χ^2/NDF : 61.1/4

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

-5.670+/-1.577 χ^2/NDF : 61.1/4

diff_bpm0i01X_rms vs slug



Right In: 2157.689+/-1.420 χ^2/NDF : 7969.1/2

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

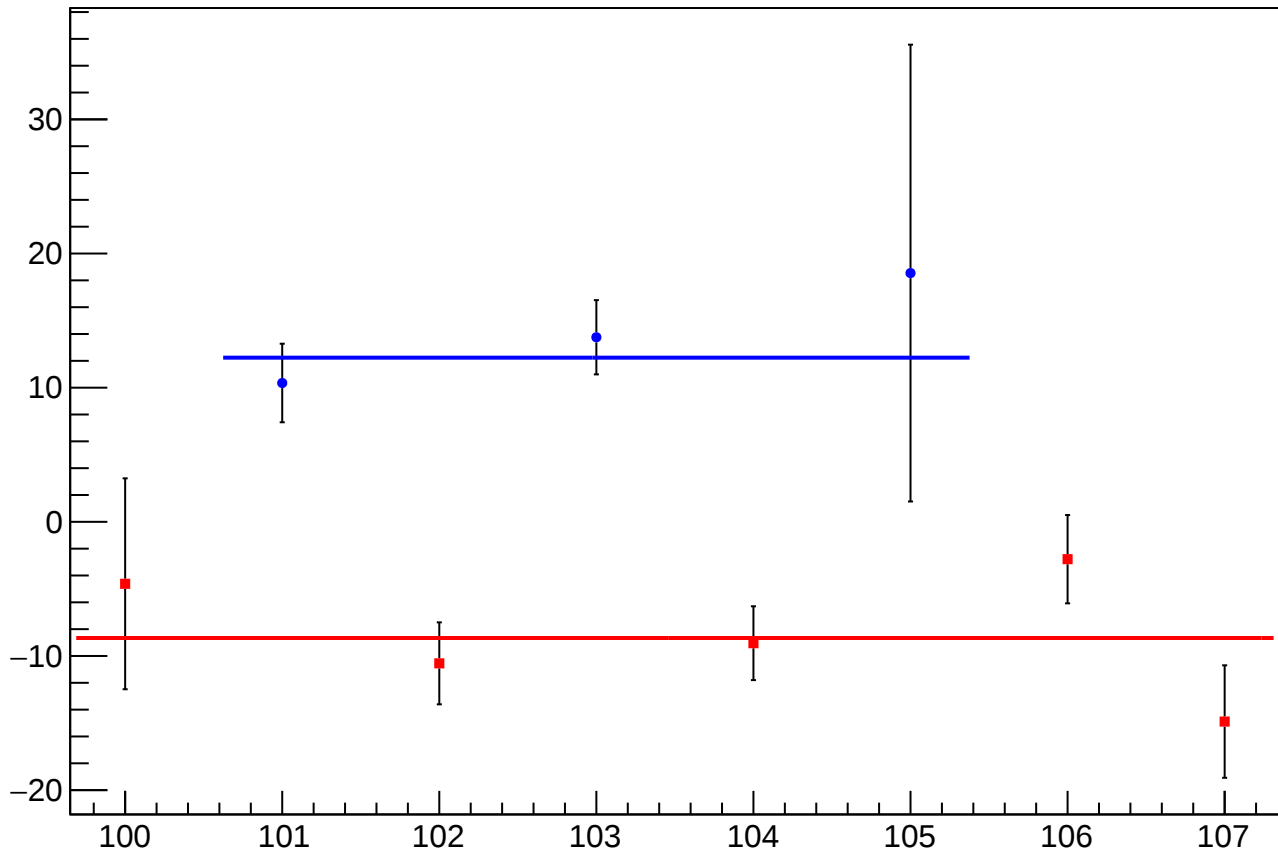
Right Out: 2066.197+/-1.115 χ^2/NDF : 67072.1/4

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

2157.689+/-1.420 χ^2/NDF : 7969.1/2

2066.197+/-1.115 χ^2/NDF : 67072.1/4

diff_bpm0i01Y_mean vs slug



Right In: 12.238 $\pm$ 1.997 χ^2 /NDF: 0.9/2

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

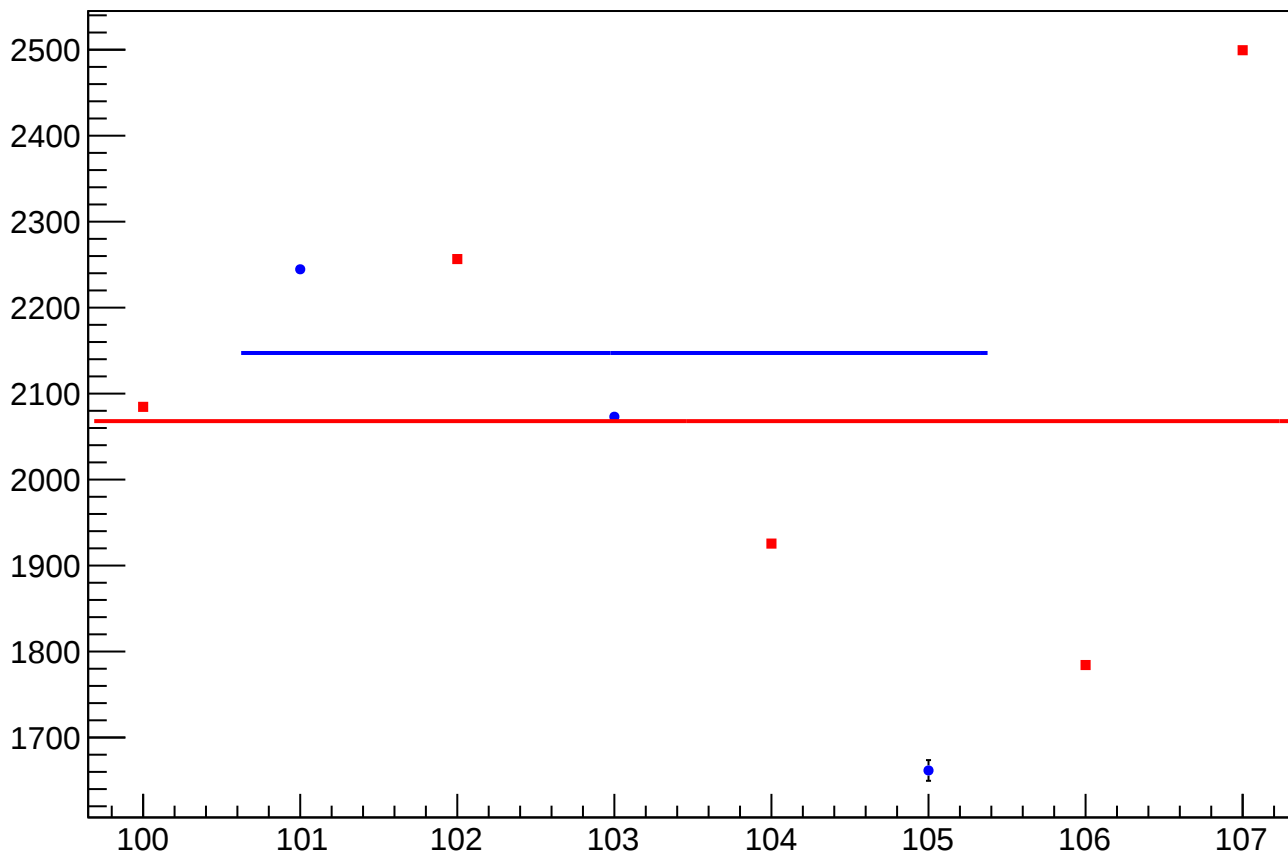
Right Out: -8.660 $\pm$ 1.572 χ^2 /NDF: 6.1/4

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

12.238 $\pm$ 1.997 χ^2 /NDF: 0.9/2

-8.660 $\pm$ 1.572 χ^2 /NDF: 6.1/4

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

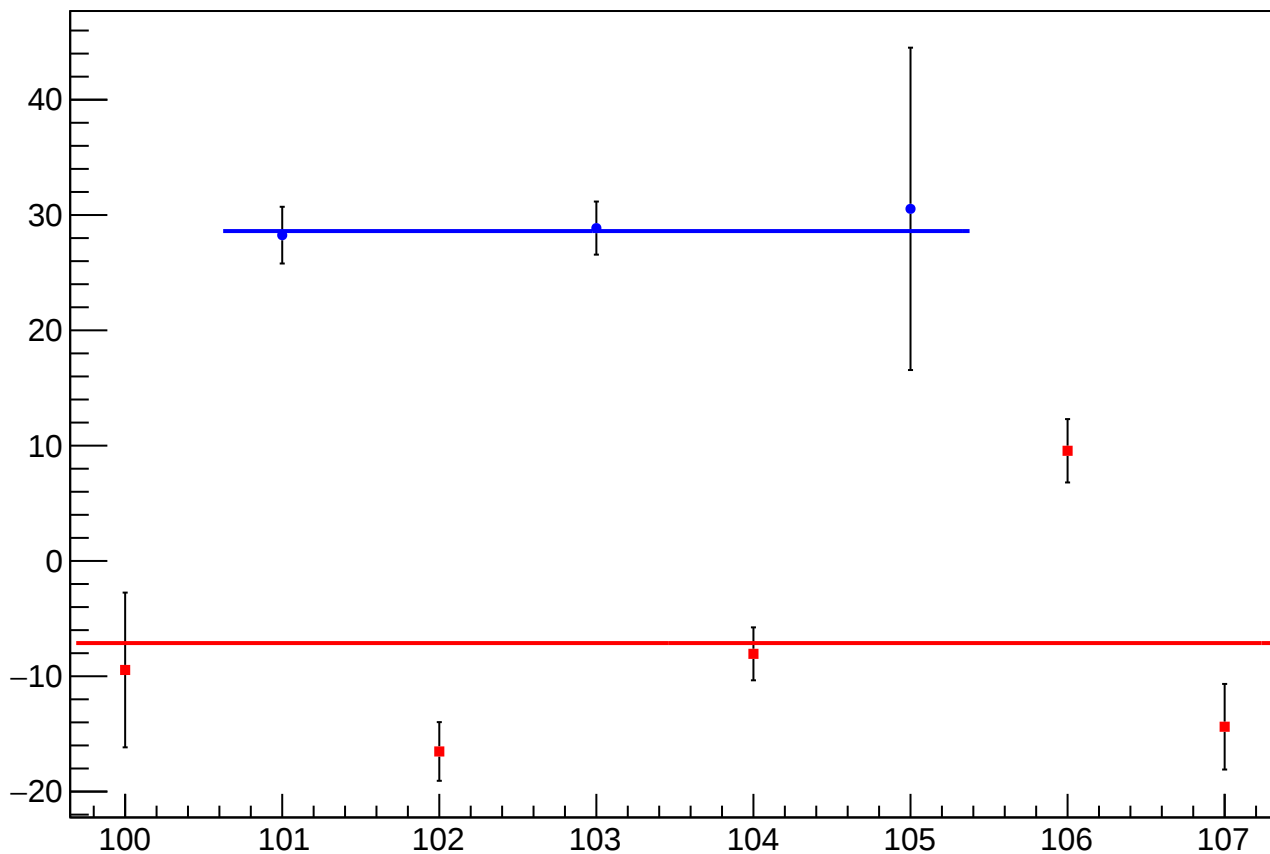
Right Out: 2067.998+/-1.112 χ^2/NDF : 49020.6/4

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

2147.255+/-1.412 χ^2/NDF : 5273.4/2

2067.998+/-1.112 χ^2/NDF : 49020.6/4

diff_bpm0i01aX_mean vs slug



Right In: 28.609 $\pm$ 1.669 χ^2 /NDF: 0.1/2

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

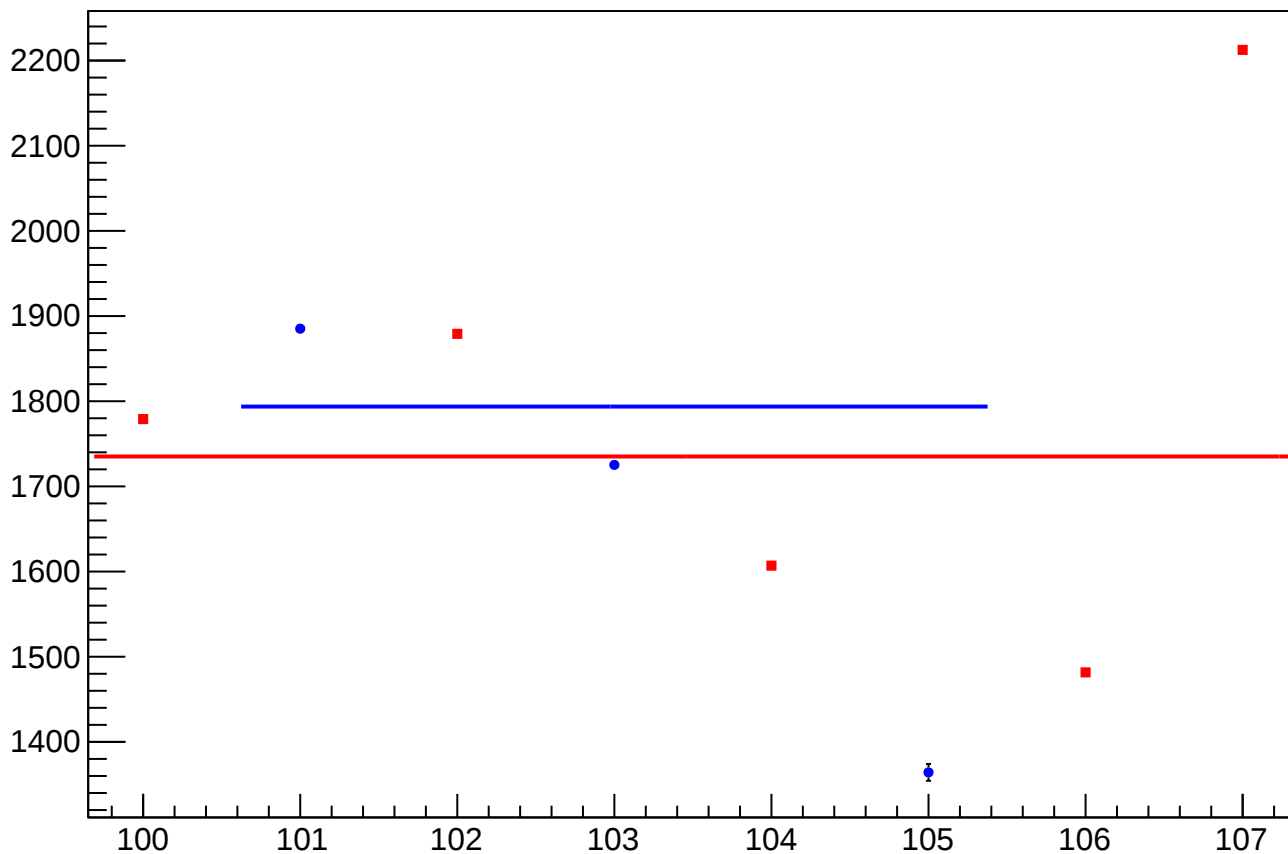
Right Out: -7.122 $\pm$ 1.323 χ^2 /NDF: 54.6/4

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

28.609 $\pm$ 1.669 χ^2 /NDF: 0.1/2

-7.122 $\pm$ 1.323 χ^2 /NDF: 54.6/4

diff_bpm0i01aX_rms vs slug



Right In: 1793.738 $\pm$ 1.180 χ^2 /NDF: 6424.1/2

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

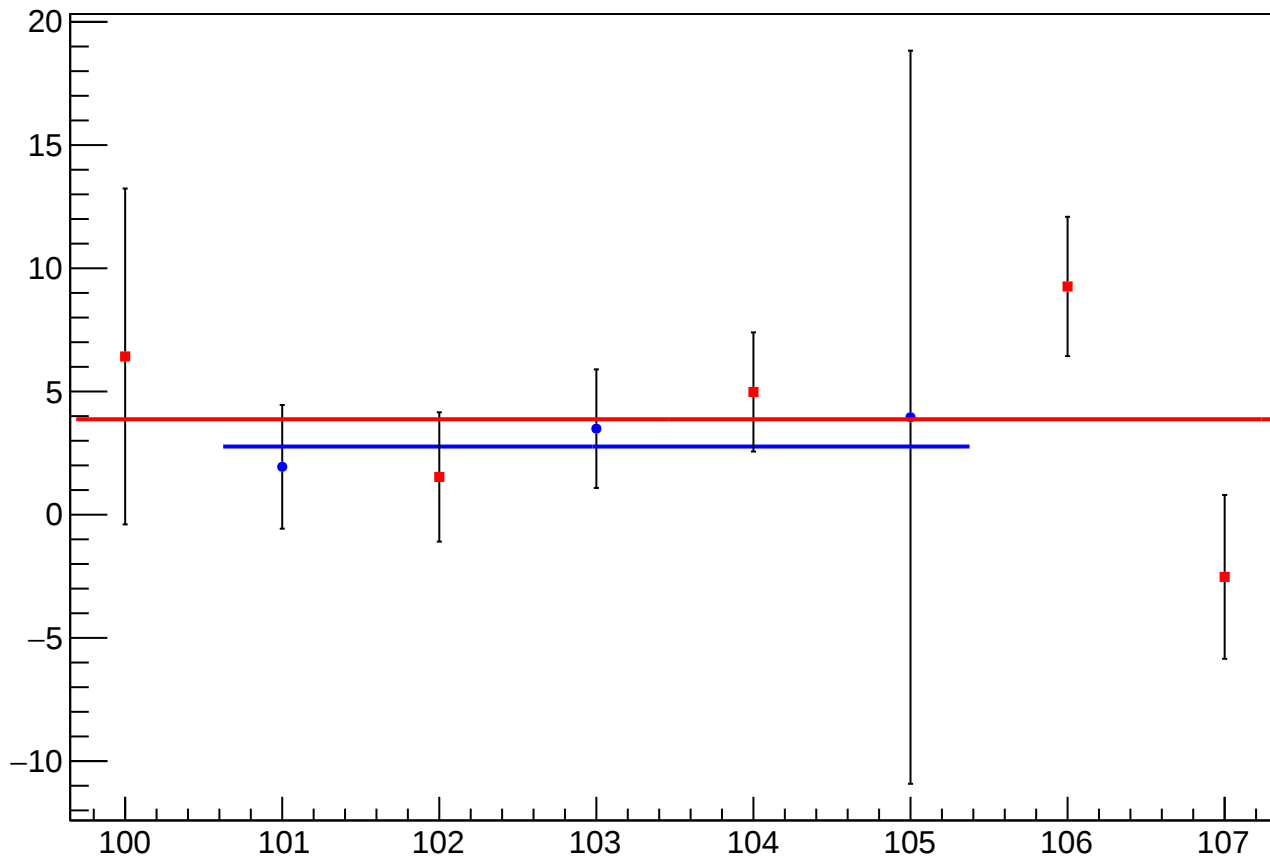
Right Out: 1735.104 $\pm$ 0.935 χ^2 /NDF: 62828.0/4

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

1793.738 $\pm$ 1.180 χ^2 /NDF: 6424.1/2

1735.104 $\pm$ 0.935 χ^2 /NDF: 62828.0/4

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

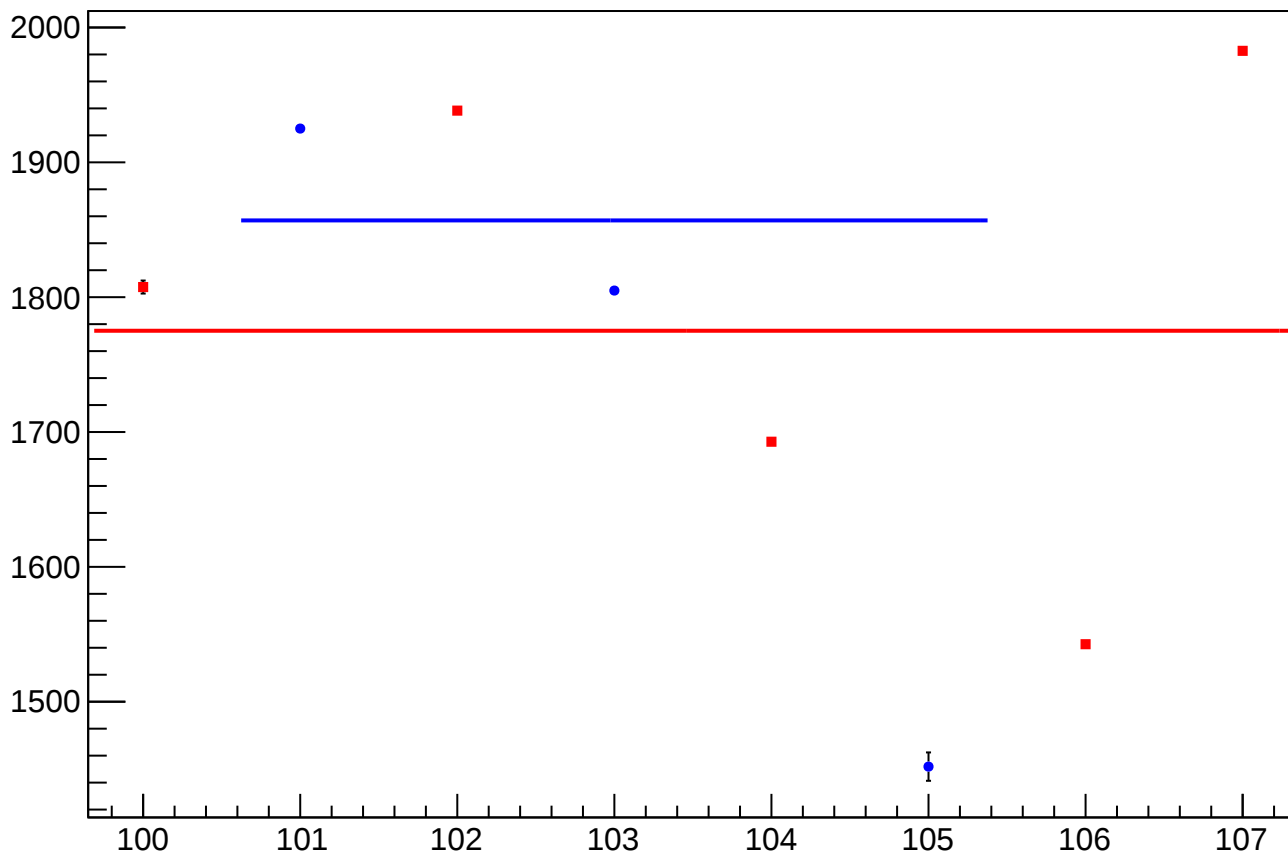
Right Out: 3.874 $\pm$ 1.344 χ^2 /NDF: 8.5/4

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

2.766 $\pm$ 1.726 χ^2 /NDF: 0.2/2

3.874 $\pm$ 1.344 χ^2 /NDF: 8.5/4

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

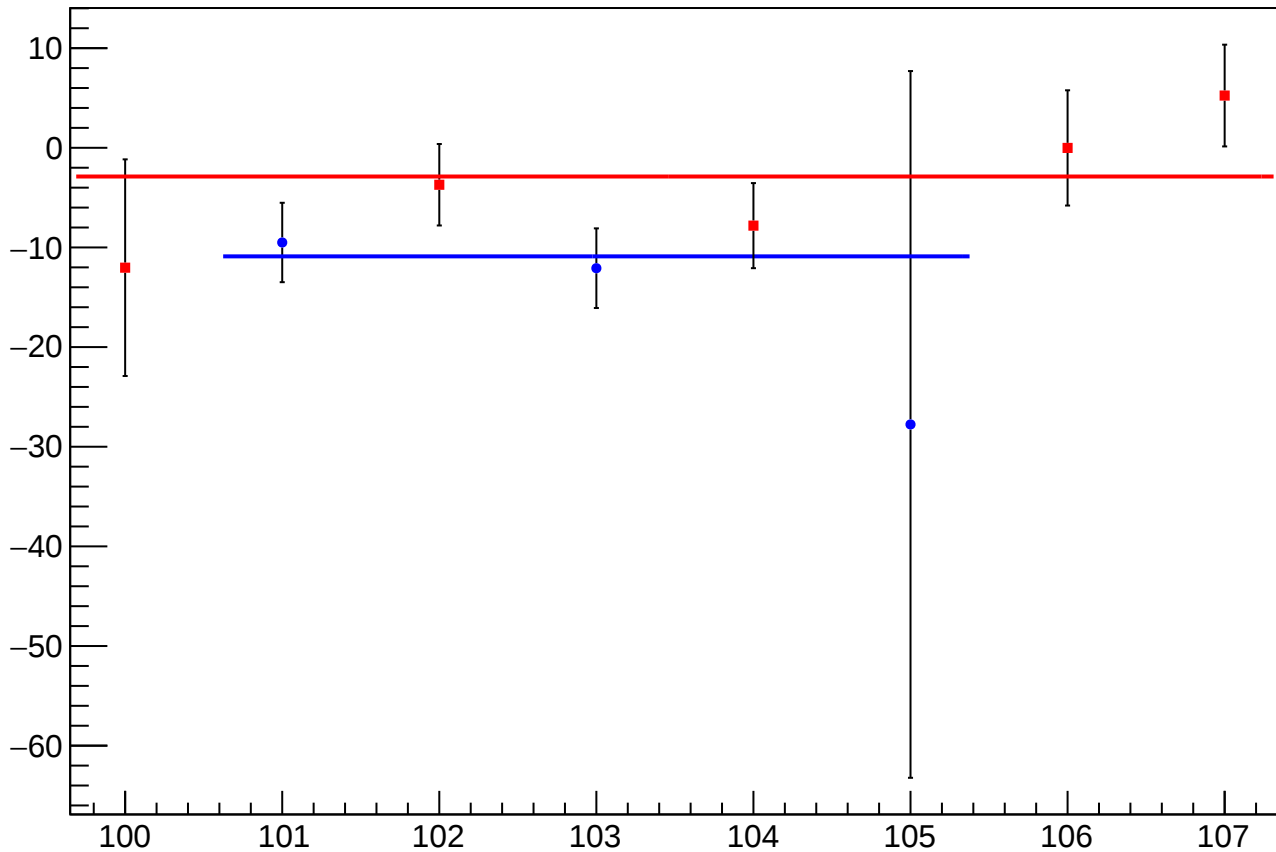
Right Out: 1775.100 $\pm$ 0.950 χ^2 /NDF: 31433.5/4

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

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

1775.100 $\pm$ 0.950 χ^2 /NDF: 31433.5/4

diff_bpm0l01X_mean vs slug



Right In: -10.895 ± 2.813 χ^2/NDF : 0.4/2

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

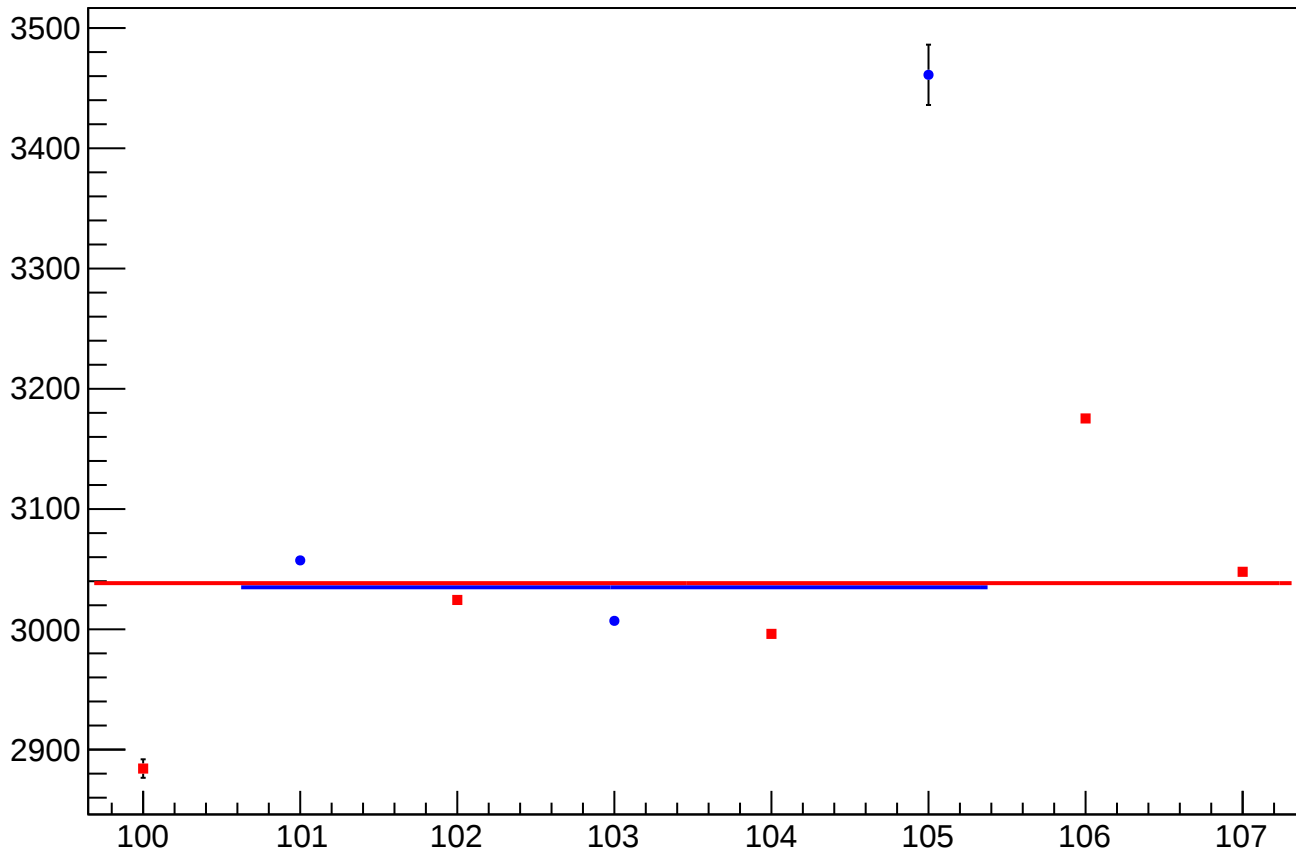
Right Out: -2.881 ± 2.286 χ^2/NDF : 4.9/4

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

-10.895 ± 2.813 χ^2/NDF : 0.4/2

-2.881 ± 2.286 χ^2/NDF : 4.9/4

diff_bpm0l01X_rms vs slug



Right In: 3034.960 $\pm$ 1.989 χ^2 /NDF: 449.4/2

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

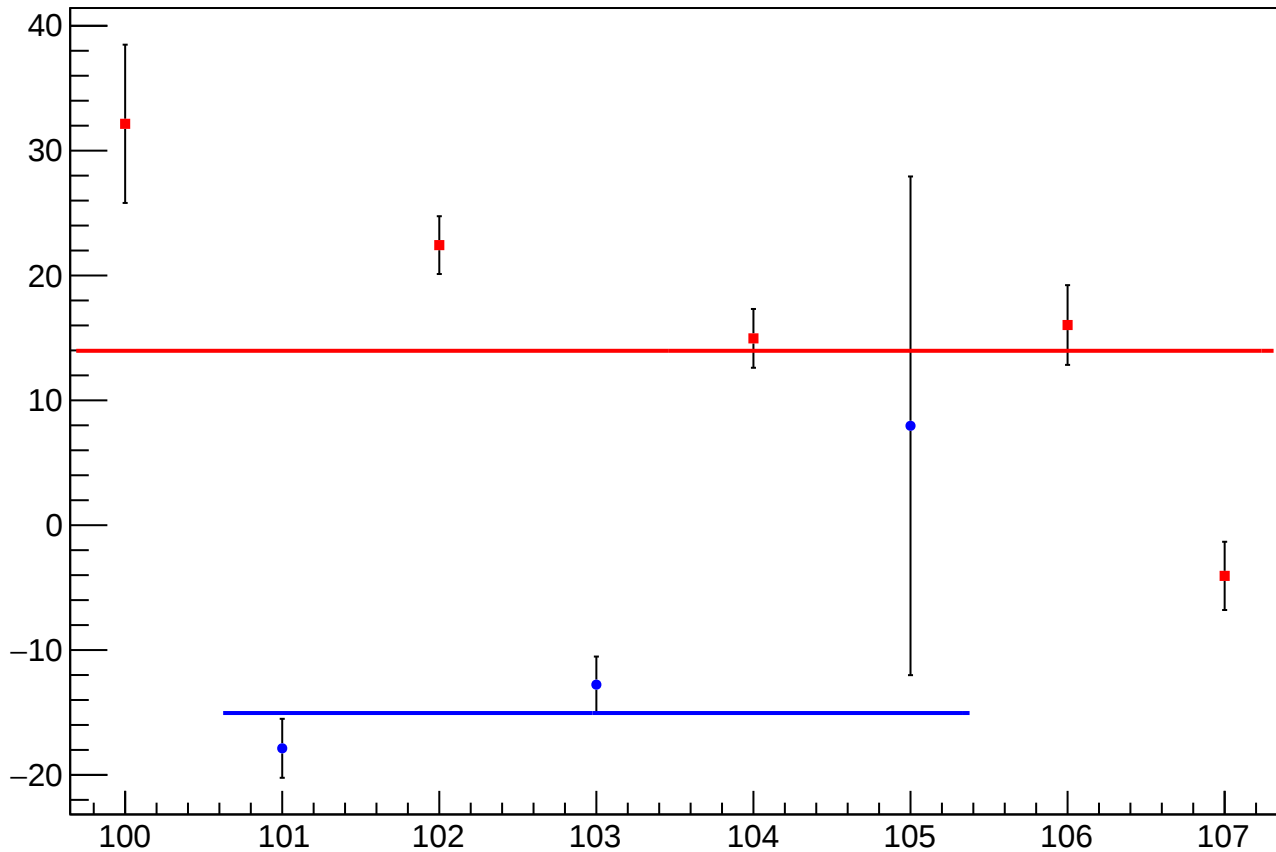
3034.960 $\pm$ 1.989 χ^2 /NDF: 449.4/2

Right Out: 3038.402 $\pm$ 1.616 χ^2 /NDF: 1749.4/4

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

3038.402 $\pm$ 1.616 χ^2 /NDF: 1749.4/4

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

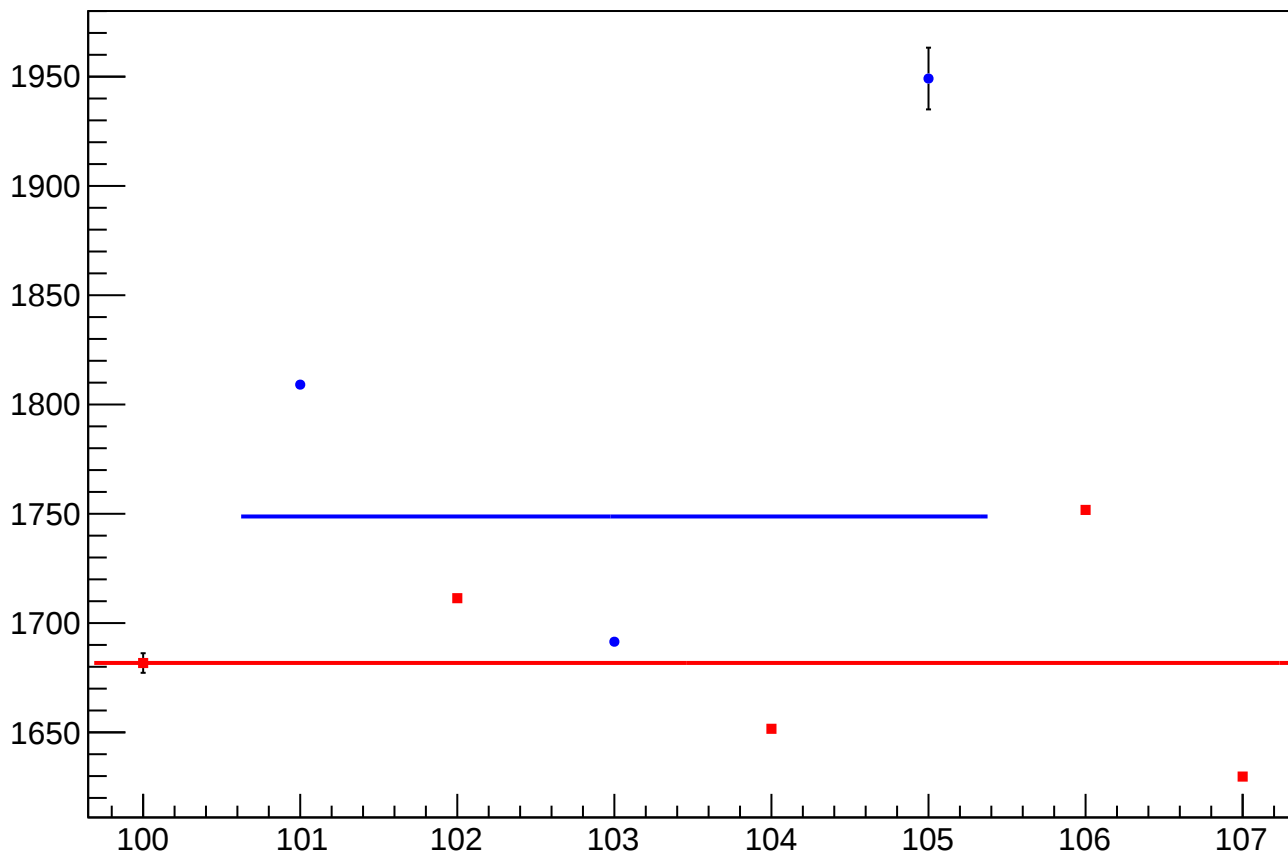
Right Out: 13.969 $\pm$ 1.266 χ^2 /NDF: 65.7/4

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

-15.044 $\pm$ 1.624 χ^2 /NDF: 3.8/2

13.969 $\pm$ 1.266 χ^2 /NDF: 65.7/4

diff_bpm0l01Y_rms vs slug



Right In: 1748.770+/-1.148 χ^2/NDF : 2803.1/2

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

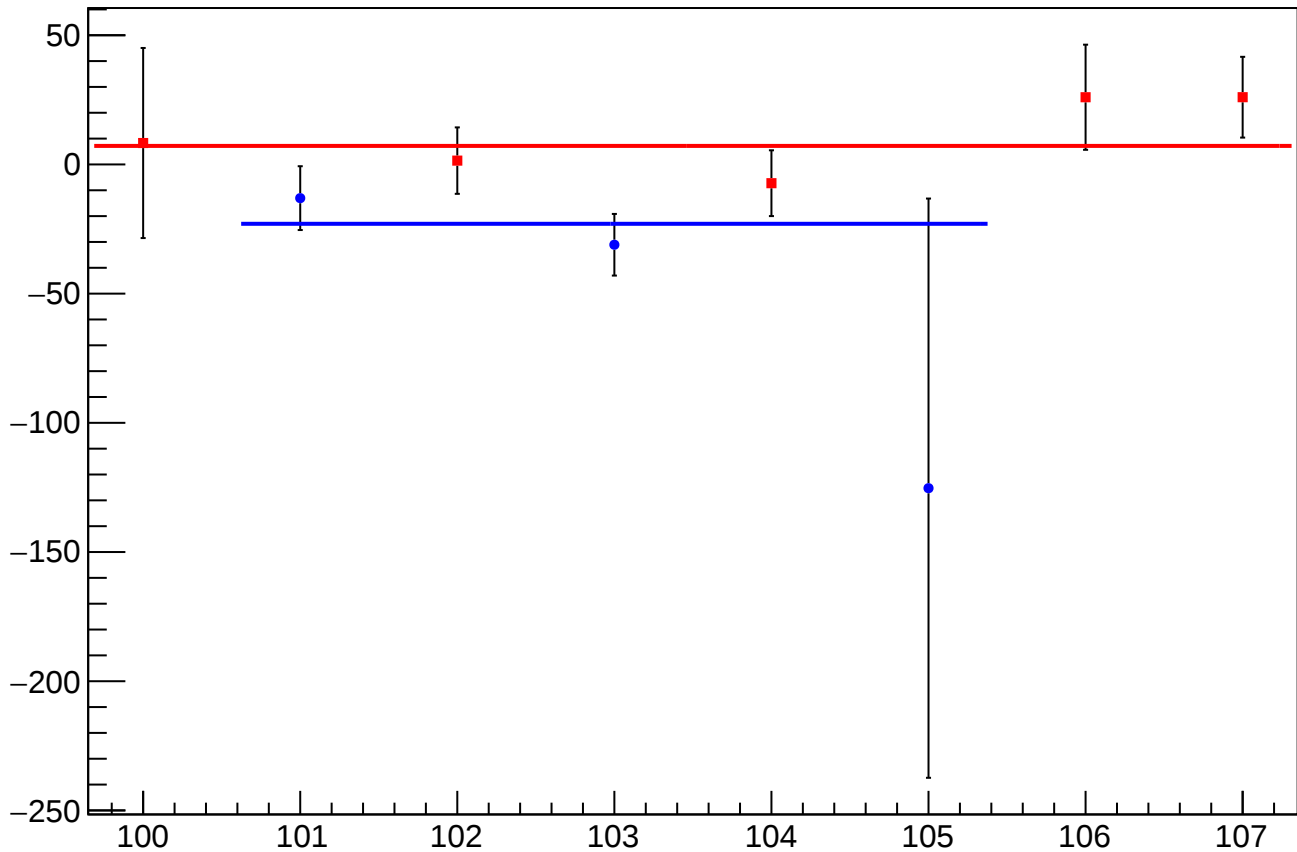
Right Out: 1681.758+/-0.895 χ^2/NDF : 2340.2/4

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

1748.770+/-1.148 χ^2/NDF : 2803.1/2

1681.758+/-0.895 χ^2/NDF : 2340.2/4

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

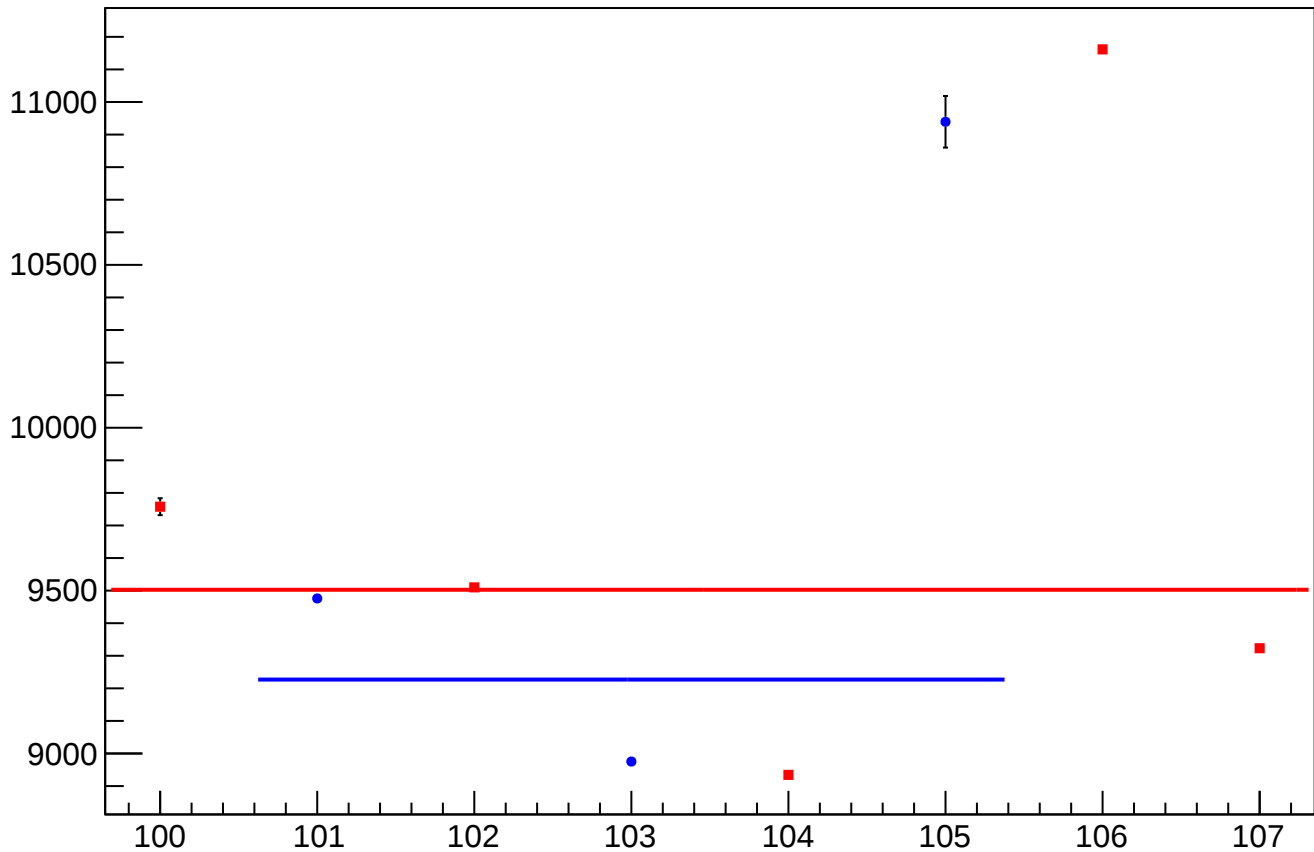
Right Out: 7.172 $\pm$ 7.167 χ^2 /NDF: 3.8/4

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

-22.973 $\pm$ 8.554 χ^2 /NDF: 1.9/2

7.172 $\pm$ 7.167 χ^2 /NDF: 3.8/4

diff_bpm0l02X_rms vs slug



Right In: 9226.965 $\pm$ 6.049 χ^2 /NDF: 2170.3/2

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

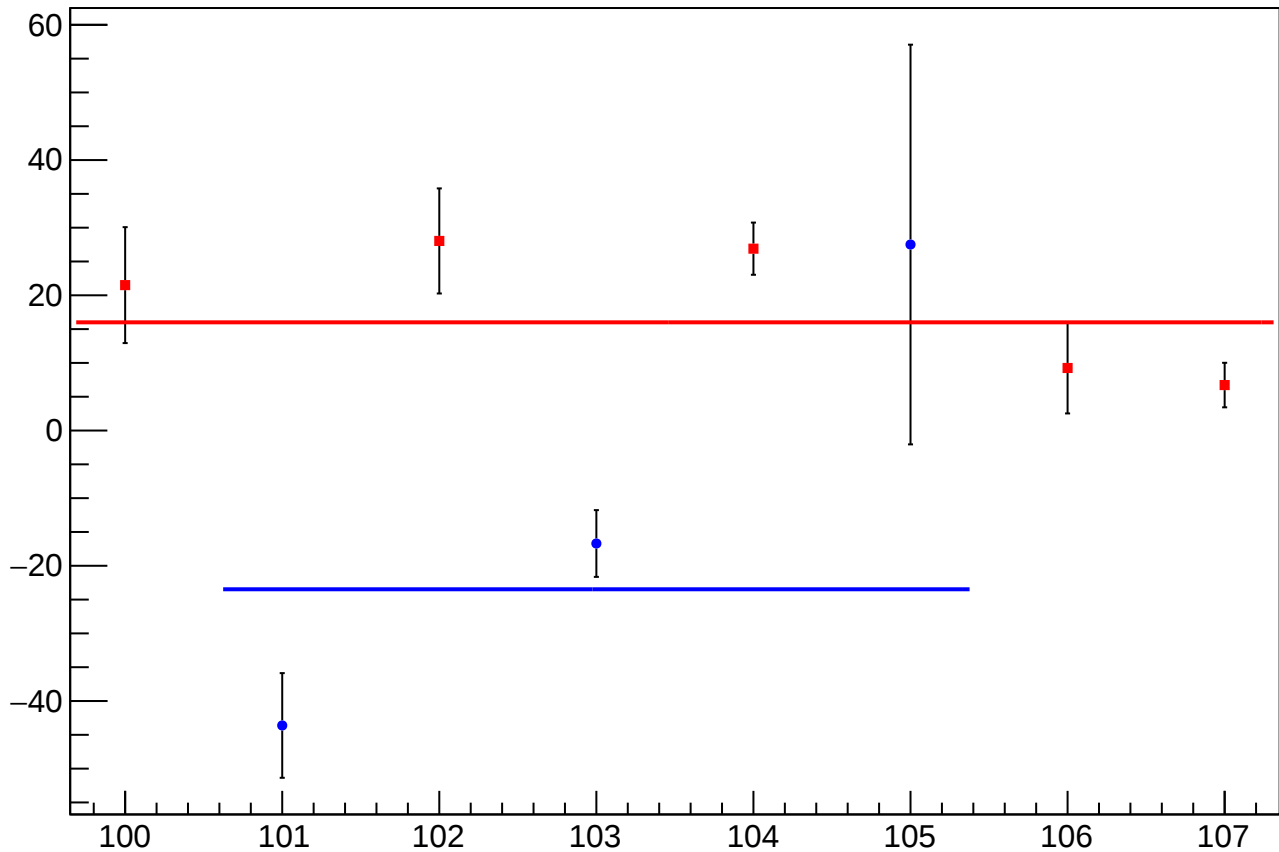
9226.965 $\pm$ 6.049 χ^2 /NDF: 2170.3/2

Right Out: 9502.652 $\pm$ 5.067 χ^2 /NDF: 17644.7/4

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

9502.652 $\pm$ 5.067 χ^2 /NDF: 17644.7/4

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

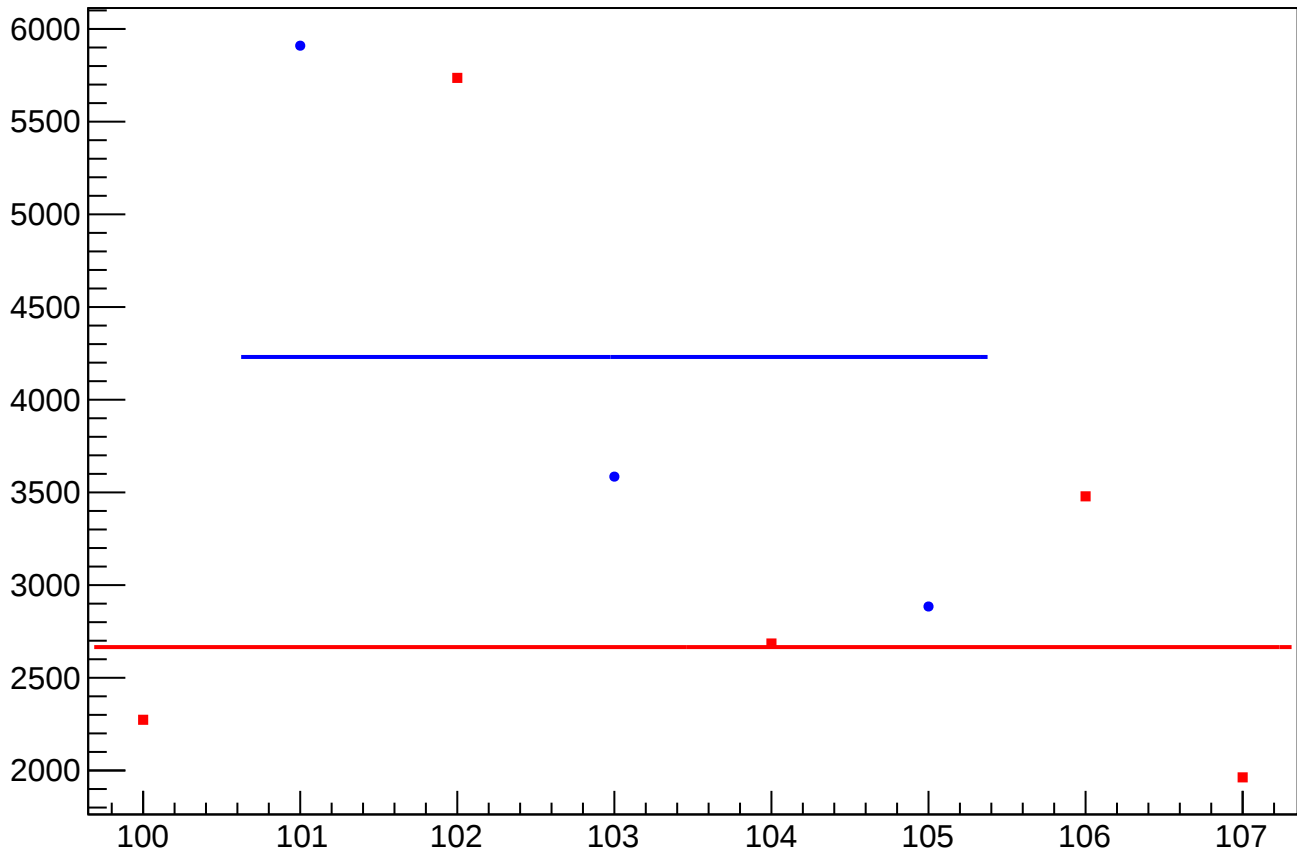
Right Out: 16.002 $\pm$ 2.174 χ^2 /NDF: 19.7/4

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

-23.476 $\pm$ 4.122 χ^2 /NDF: 11.6/2

16.002 $\pm$ 2.174 χ^2 /NDF: 19.7/4

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

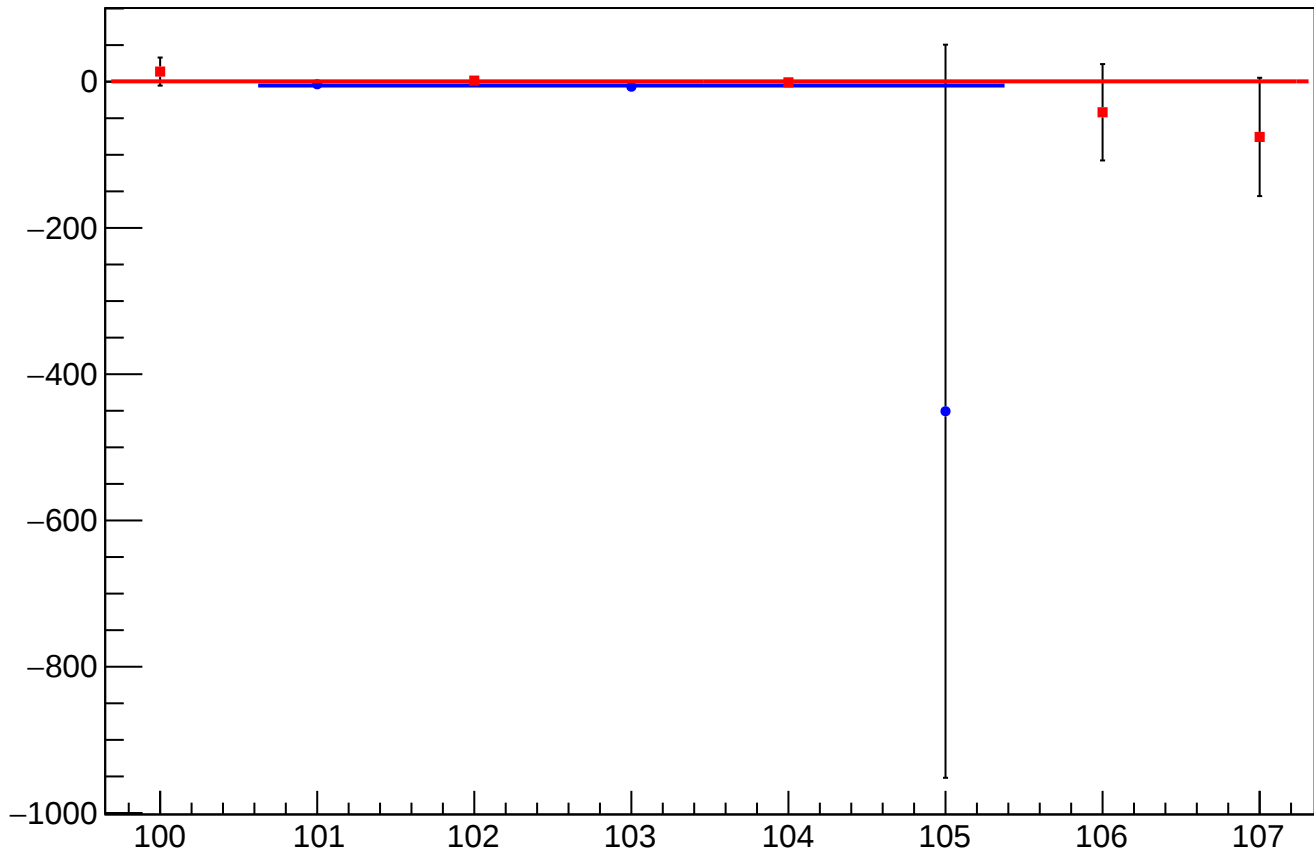
4230.653+/-2.915 χ^2/NDF : 132451.8/2

Right Out: 2665.620+/-1.537 χ^2/NDF : 436944.6/4

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

2665.620+/-1.537 χ^2/NDF : 436944.6/4

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

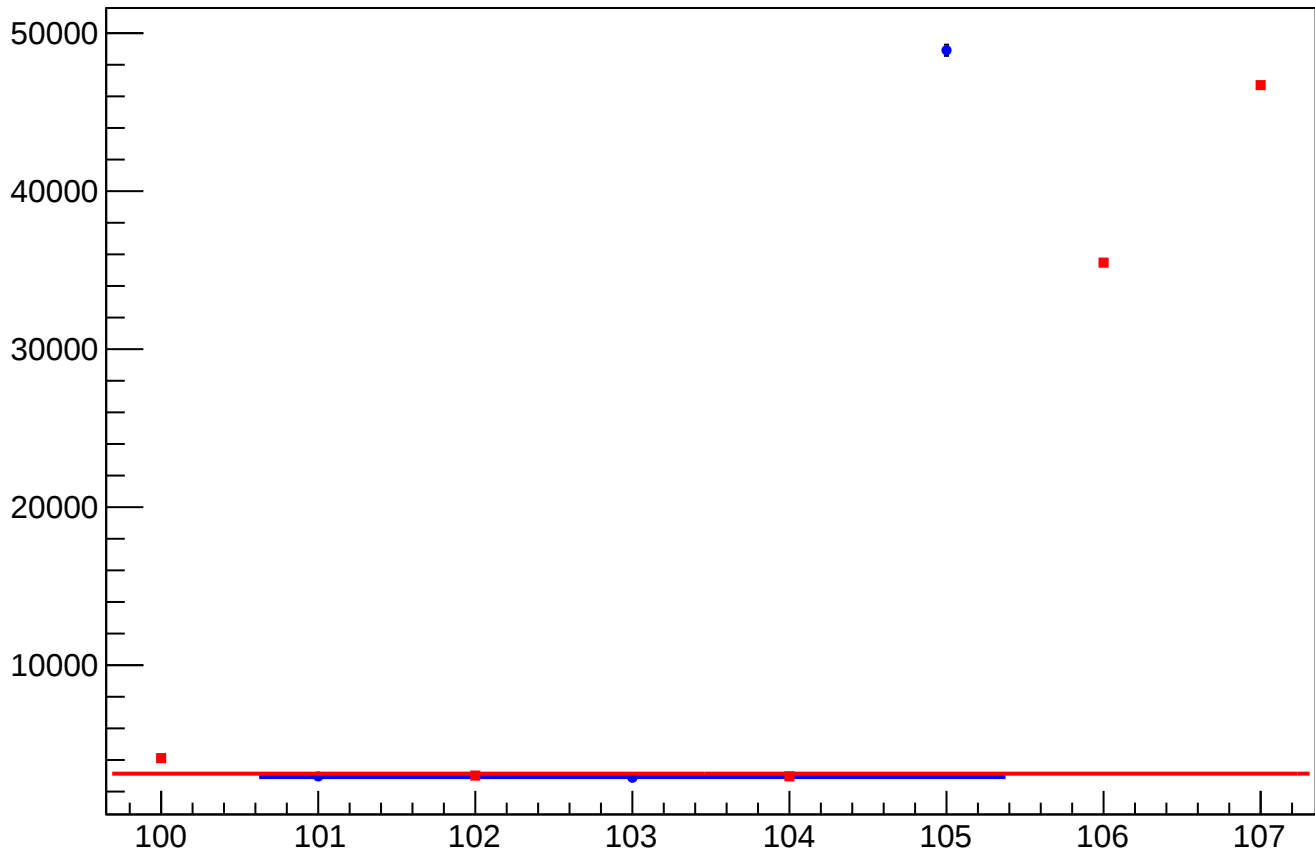
Right Out: 0.424 $\pm$ 2.913 χ^2 /NDF: 1.9/4

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

-5.274 $\pm$ 2.715 χ^2 /NDF: 1.2/2

0.424 $\pm$ 2.913 χ^2 /NDF: 1.9/4

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

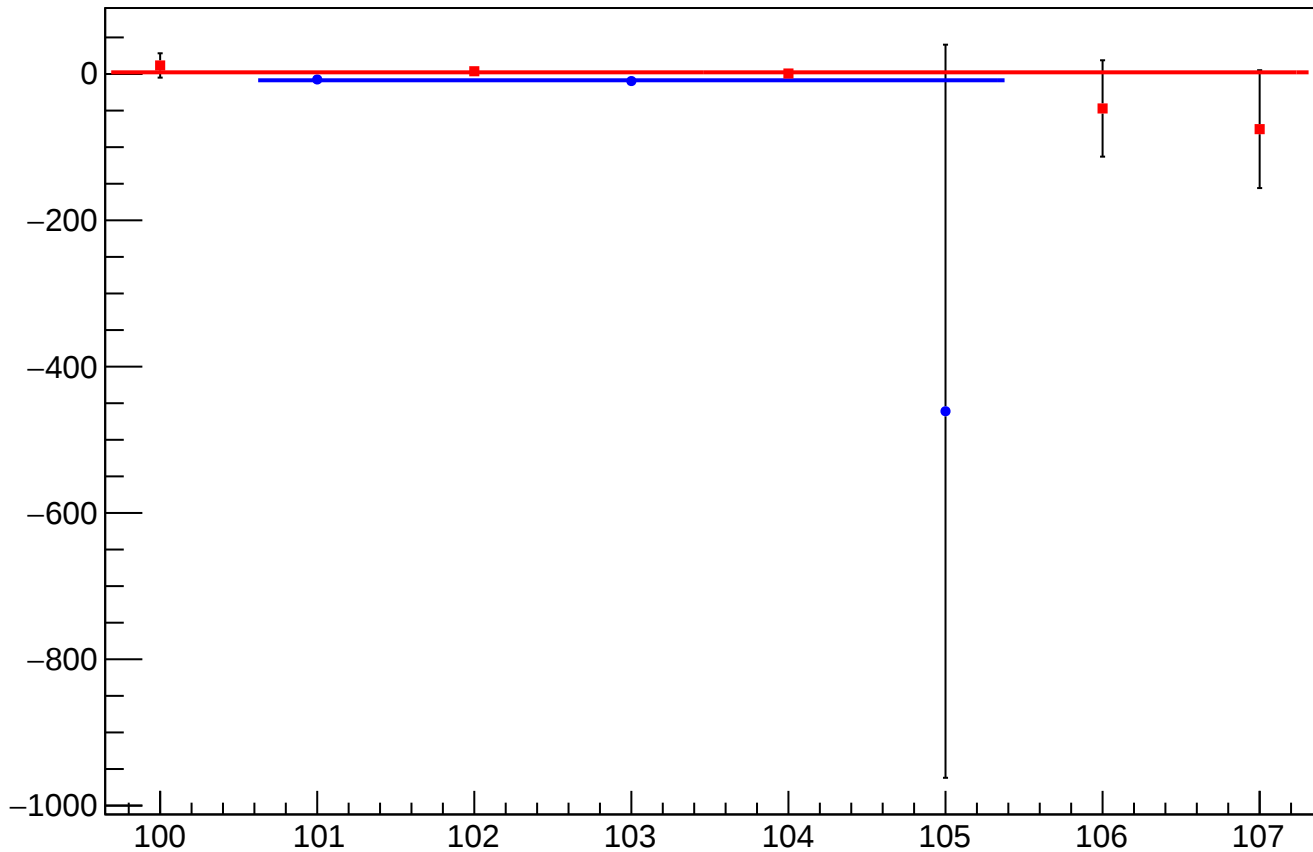
Right Out: 3134.513+/-2.060 χ^2/NDF : 1072447.4/4

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

2917.185+/-1.920 χ^2/NDF : 17320.6/2

3134.513+/-2.060 χ^2/NDF : 1072447.4/4

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

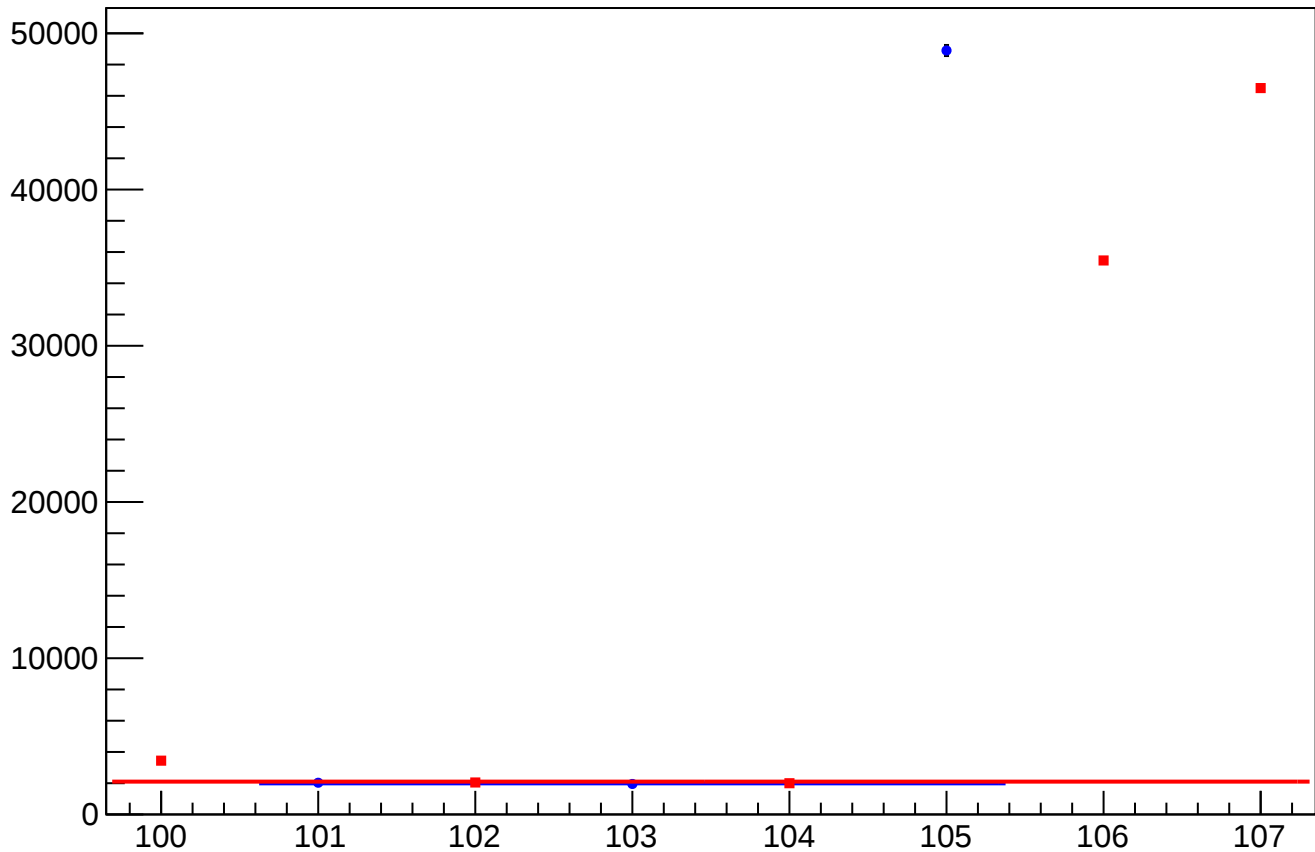
Right Out: 2.291+/-1.997 χ^2 /NDF: 2.4/4

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

-8.586+/-1.856 χ^2 /NDF: 1.2/2

2.291+/-1.997 χ^2 /NDF: 2.4/4

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

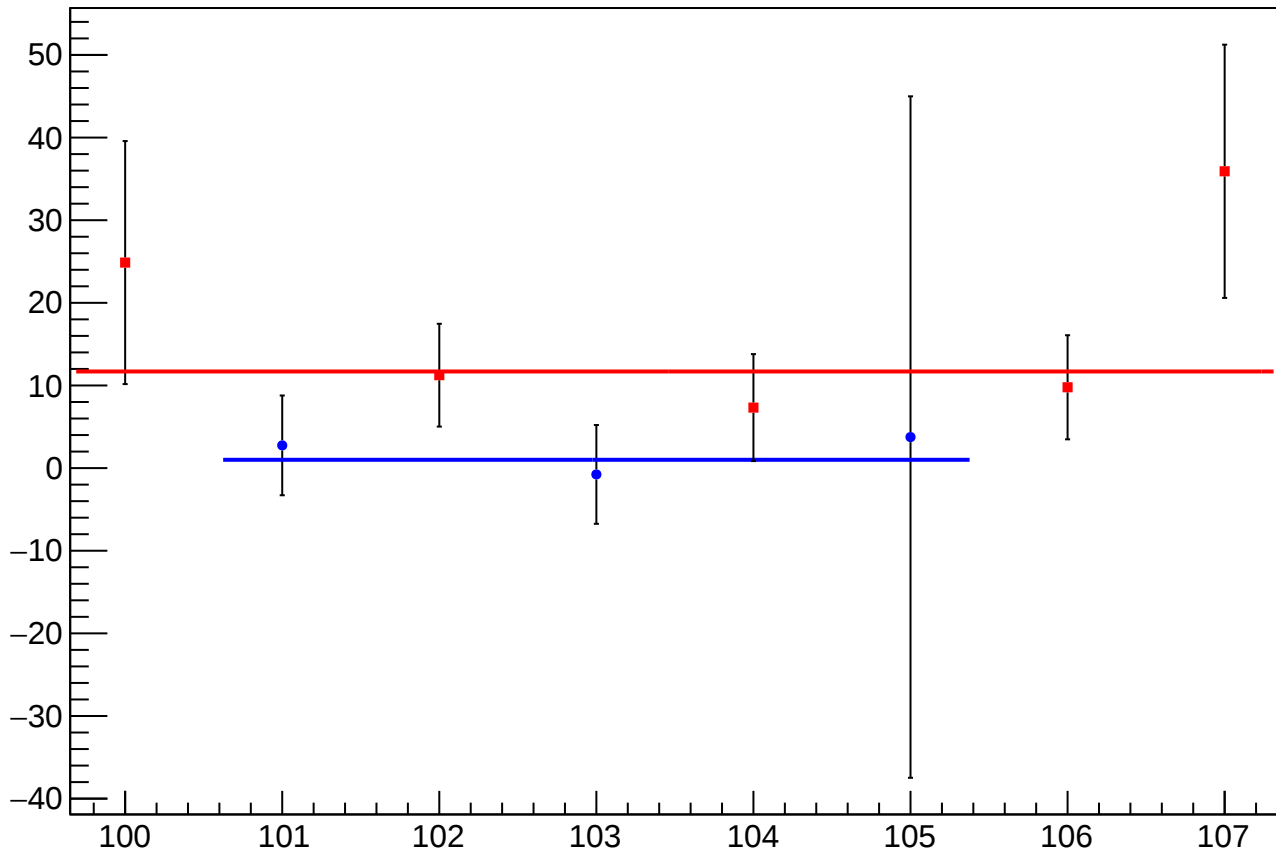
Right Out: 2101.560 $\pm$ 1.412 χ^2 /NDF: 1136810.9/4

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

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

2101.560 $\pm$ 1.412 χ^2 /NDF: 1136810.9/4

diff_bpm0l04X_mean vs slug



Right In: 1.005+/-4.225 χ^2/NDF : 0.2/2

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

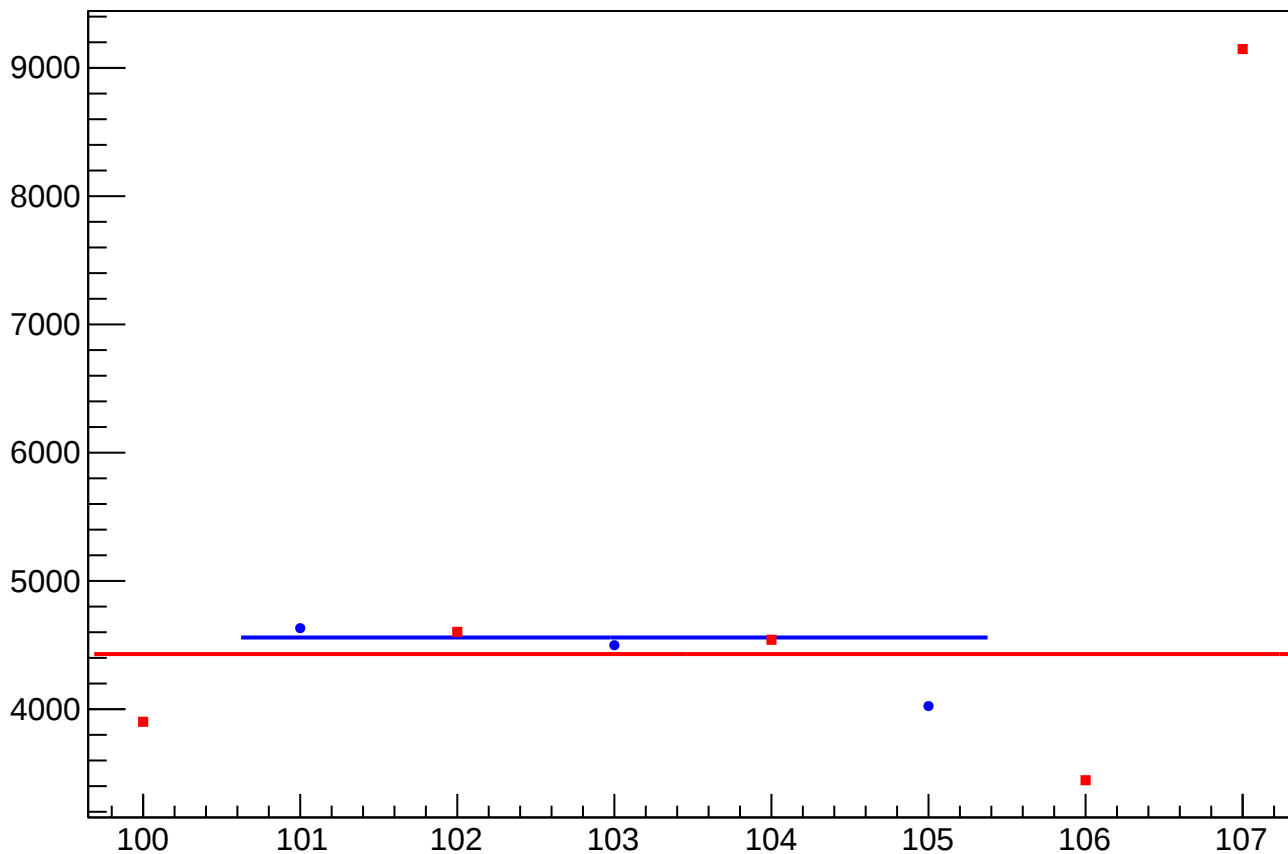
Right Out: 11.693+/-3.455 χ^2/NDF : 3.9/4

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

1.005+/-4.225 χ^2/NDF : 0.2/2

11.693+/-3.455 χ^2/NDF : 3.9/4

diff_bpm0l04X_rms vs slug



Right In: 4559.007 $\pm$ 2.988 χ^2 /NDF: 829.0/2

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

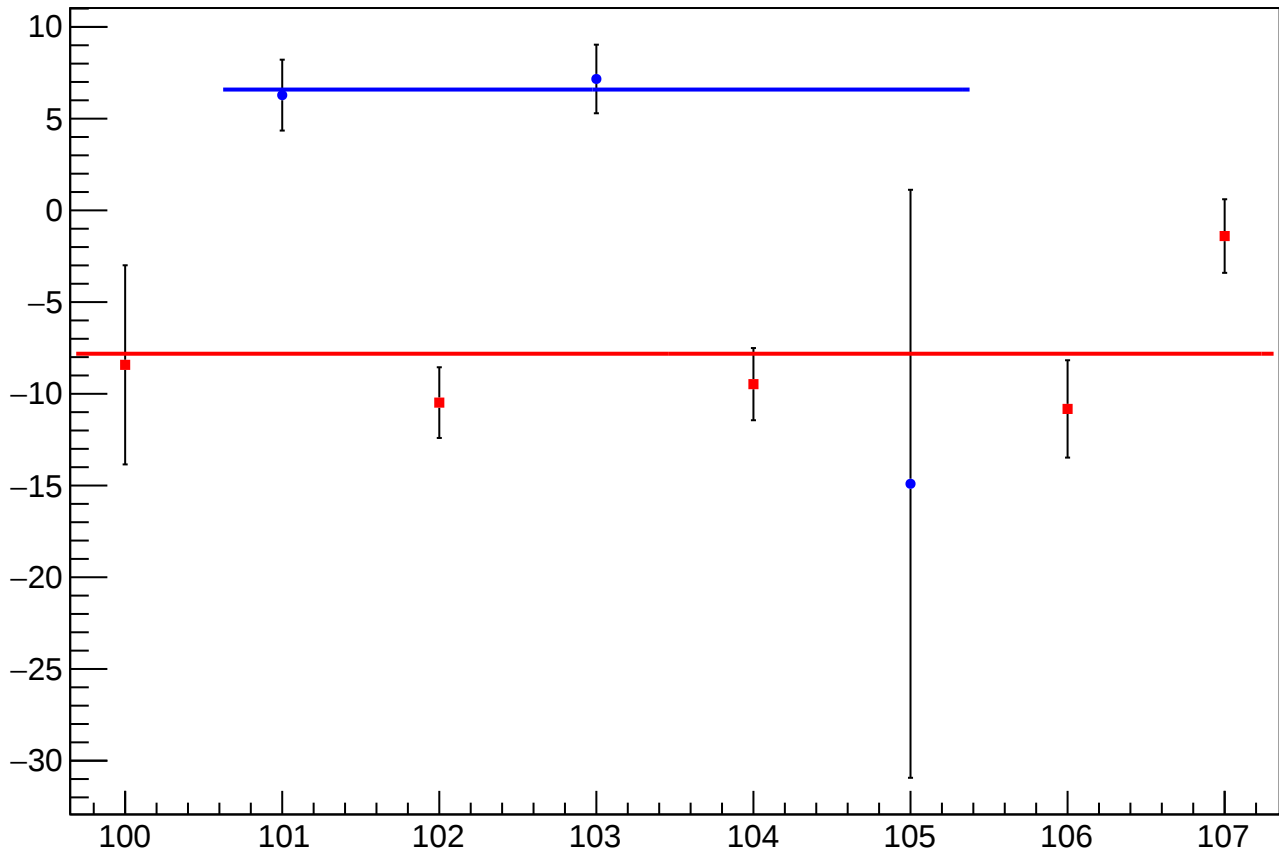
Right Out: 4429.756 $\pm$ 2.443 χ^2 /NDF: 243015.1/4

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

4559.007 $\pm$ 2.988 χ^2 /NDF: 829.0/2

4429.756 $\pm$ 2.443 χ^2 /NDF: 243015.1/4

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

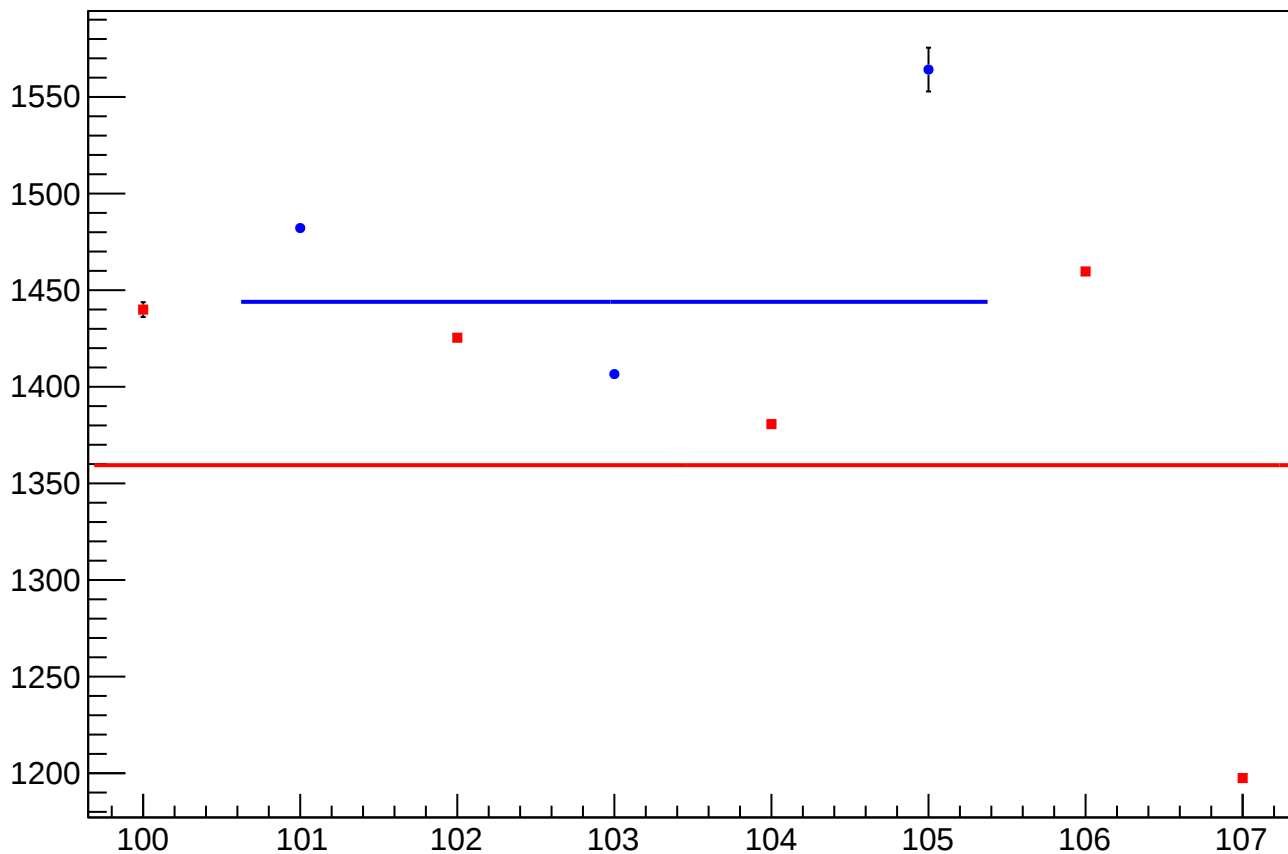
6.586 $\pm$ 1.339 χ^2 /NDF: 1.9/2

Right Out: -7.815 $\pm$ 1.025 χ^2 /NDF: 14.1/4

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

-7.815 $\pm$ 1.025 χ^2 /NDF: 14.1/4

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

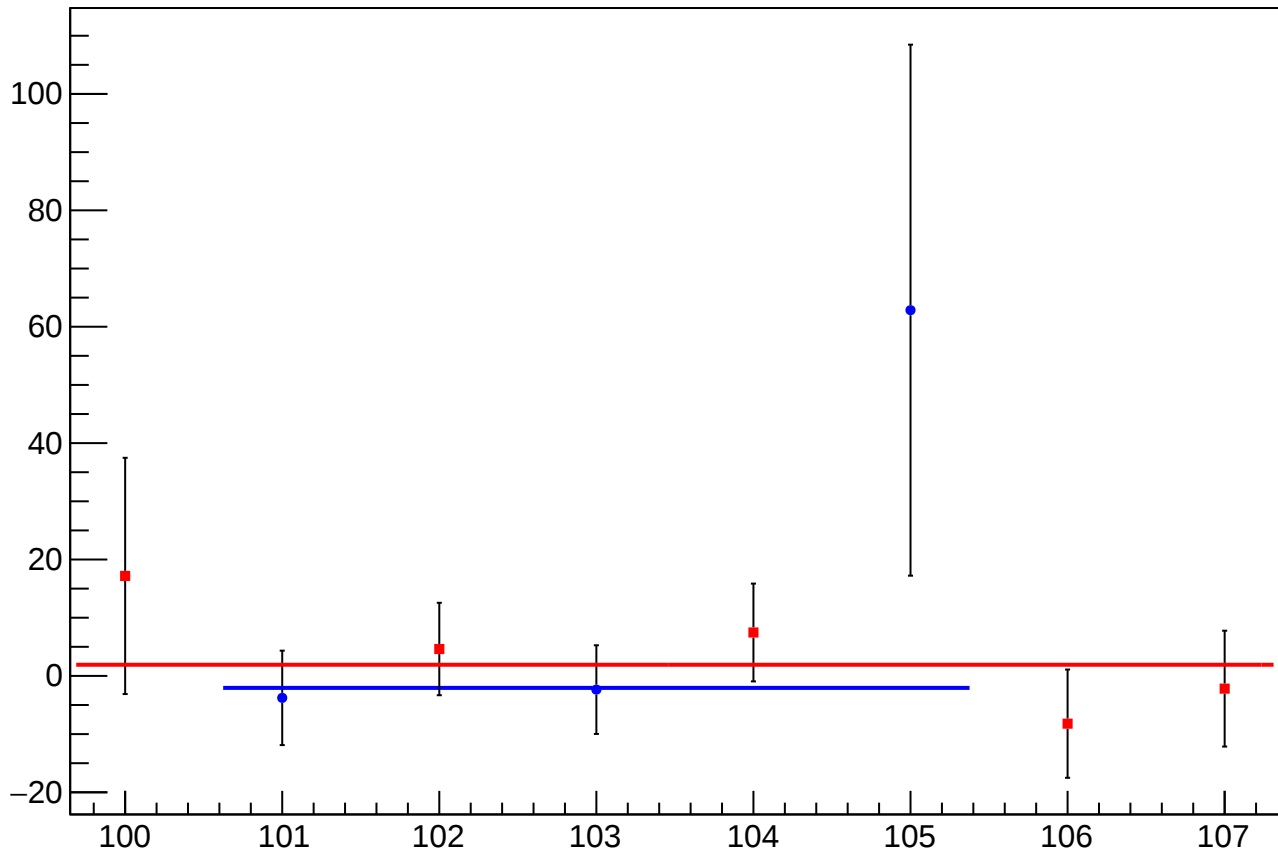
Right Out: 1359.427 $\pm$ 0.725 χ^2 /NDF: 18903.0/4

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

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

1359.427 $\pm$ 0.725 χ^2 /NDF: 18903.0/4

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

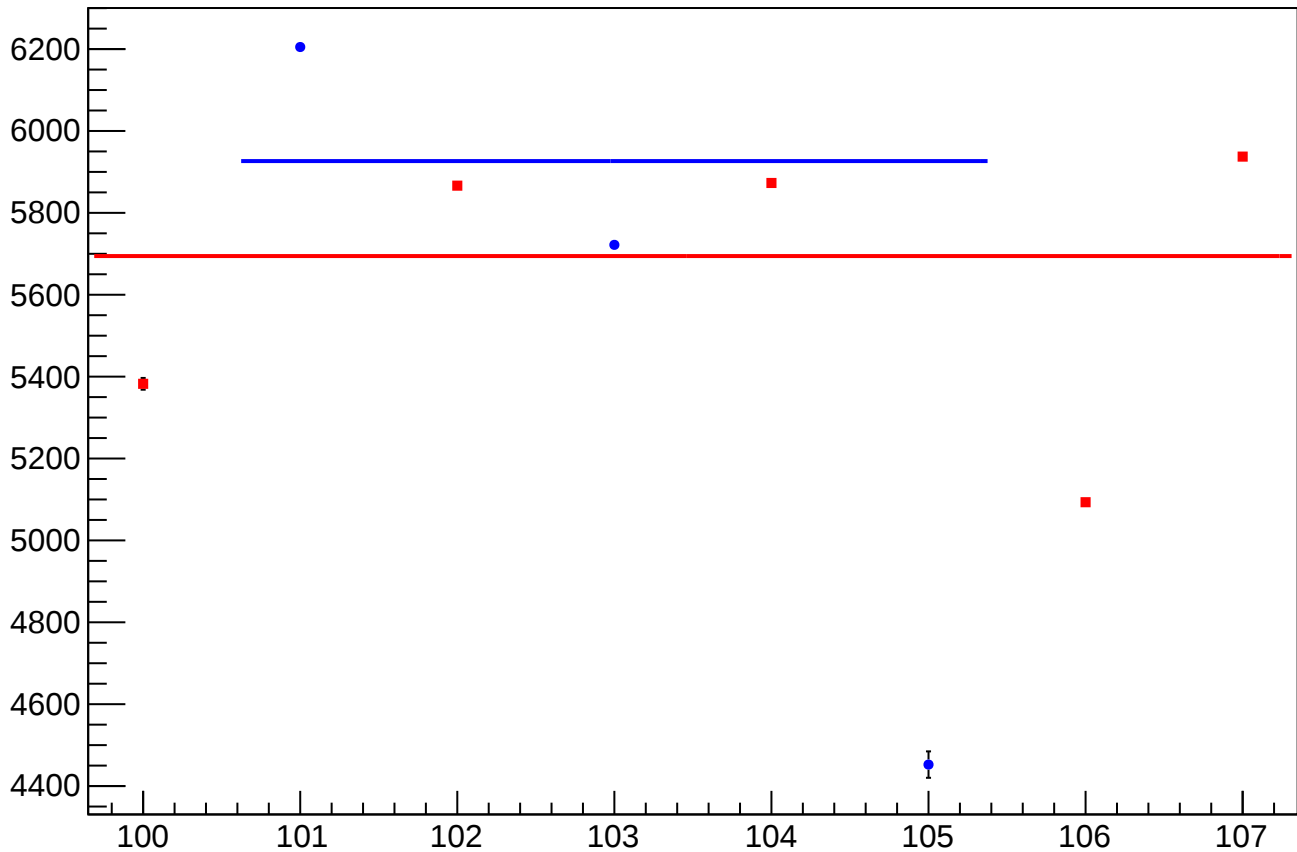
Right Out: 1.917+/-4.299 χ^2/NDF : 2.5/4

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

-2.059+/-5.513 χ^2/NDF : 2.1/2

1.917+/-4.299 χ^2/NDF : 2.5/4

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

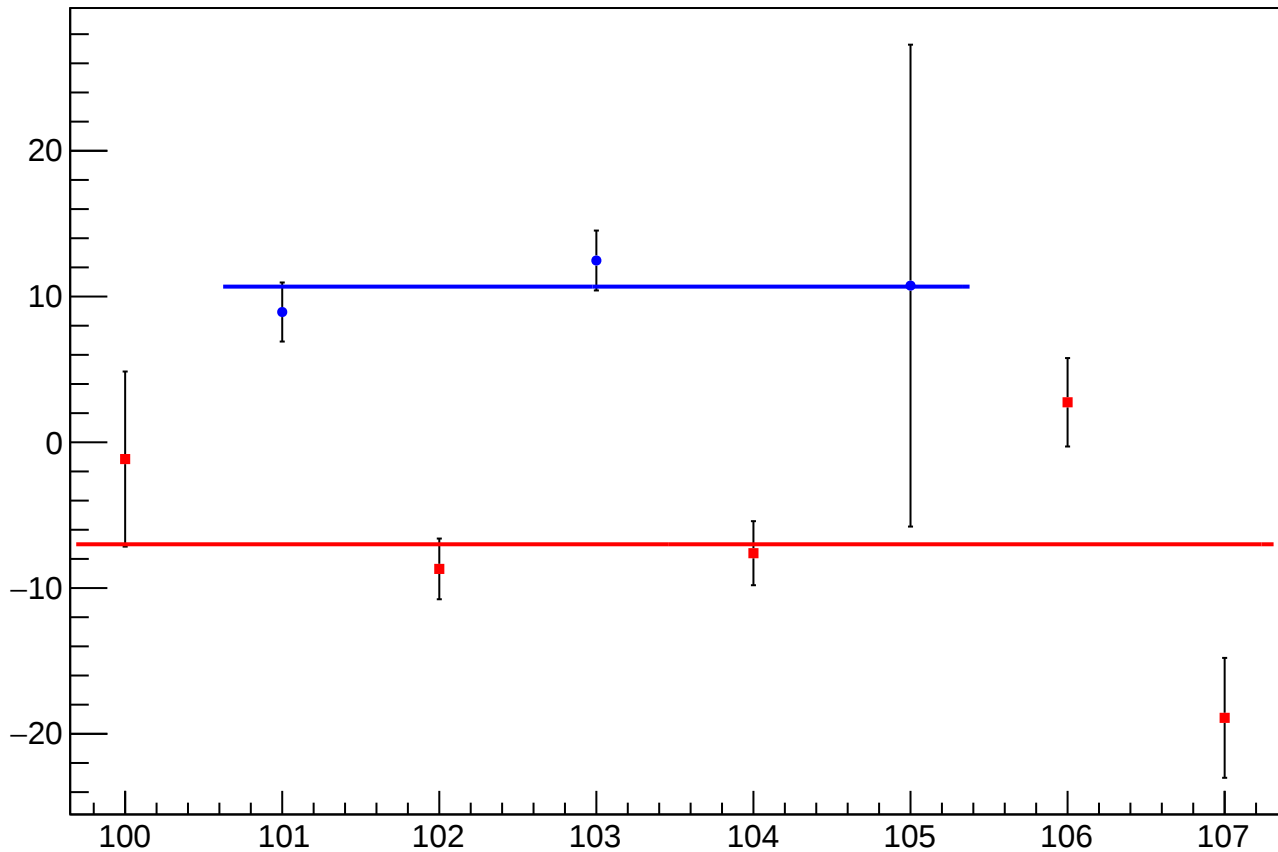
5926.467 $\pm$ 3.898 χ^2 /NDF: 5888.1/2

Right Out: 5694.486 $\pm$ 3.040 χ^2 /NDF: 11858.5/4

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

5694.486 $\pm$ 3.040 χ^2 /NDF: 11858.5/4

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

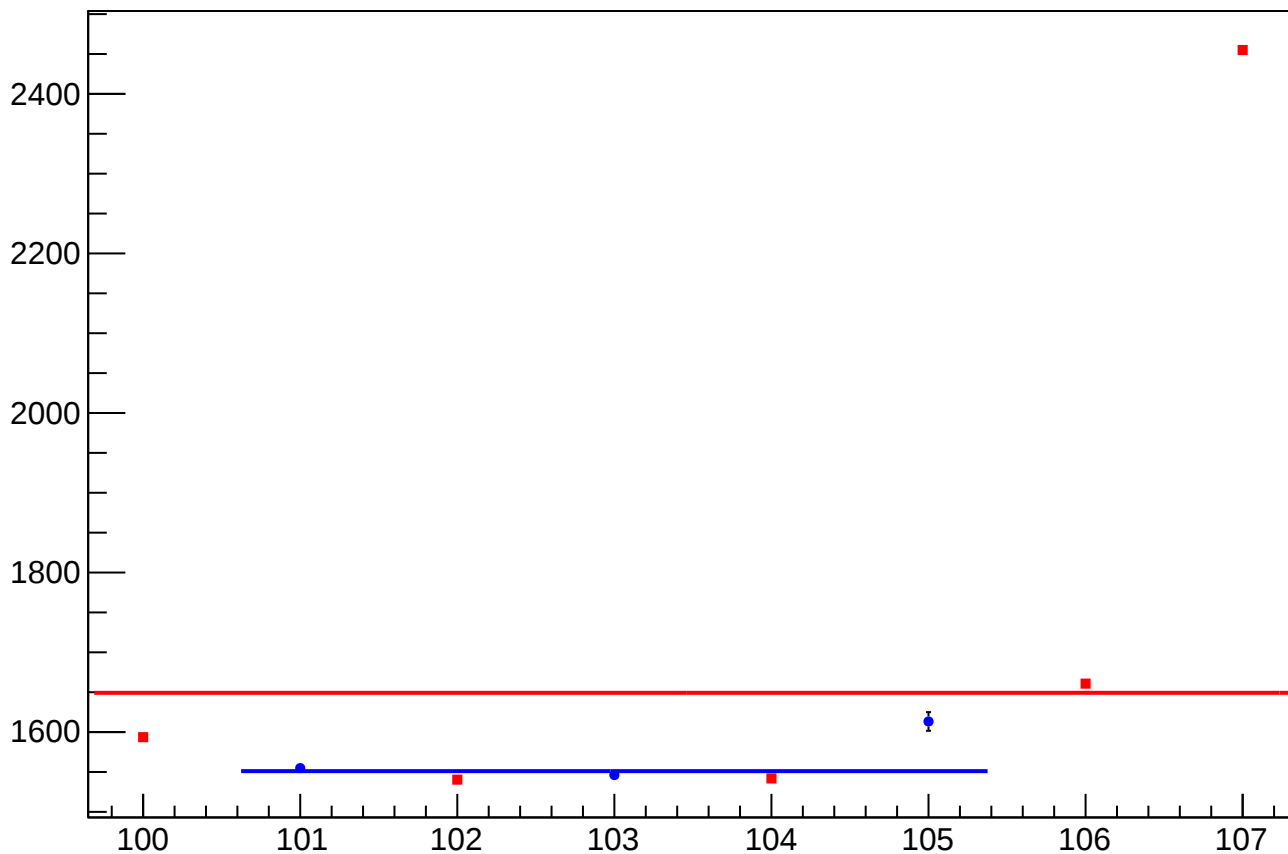
Right Out: -6.996 $\pm$ 1.257 χ^2 /NDF: 20.4/4

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

10.681 $\pm$ 1.437 χ^2 /NDF: 1.5/2

-6.996 $\pm$ 1.257 χ^2 /NDF: 20.4/4

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

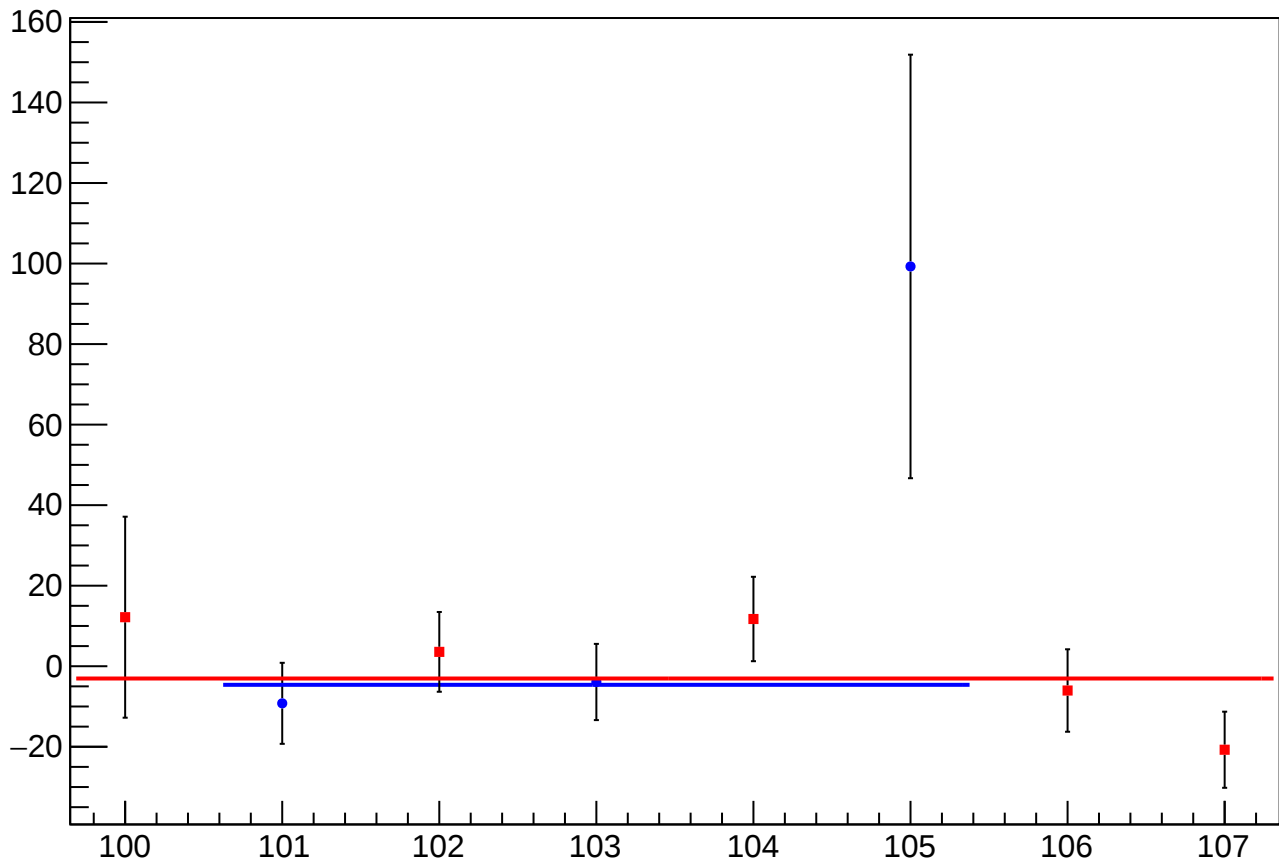
Right Out: 1649.258+/-0.889 χ^2/NDF : 87201.9/4

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

1551.055+/-1.016 χ^2/NDF : 46.9/2

1649.258+/-0.889 χ^2/NDF : 87201.9/4

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

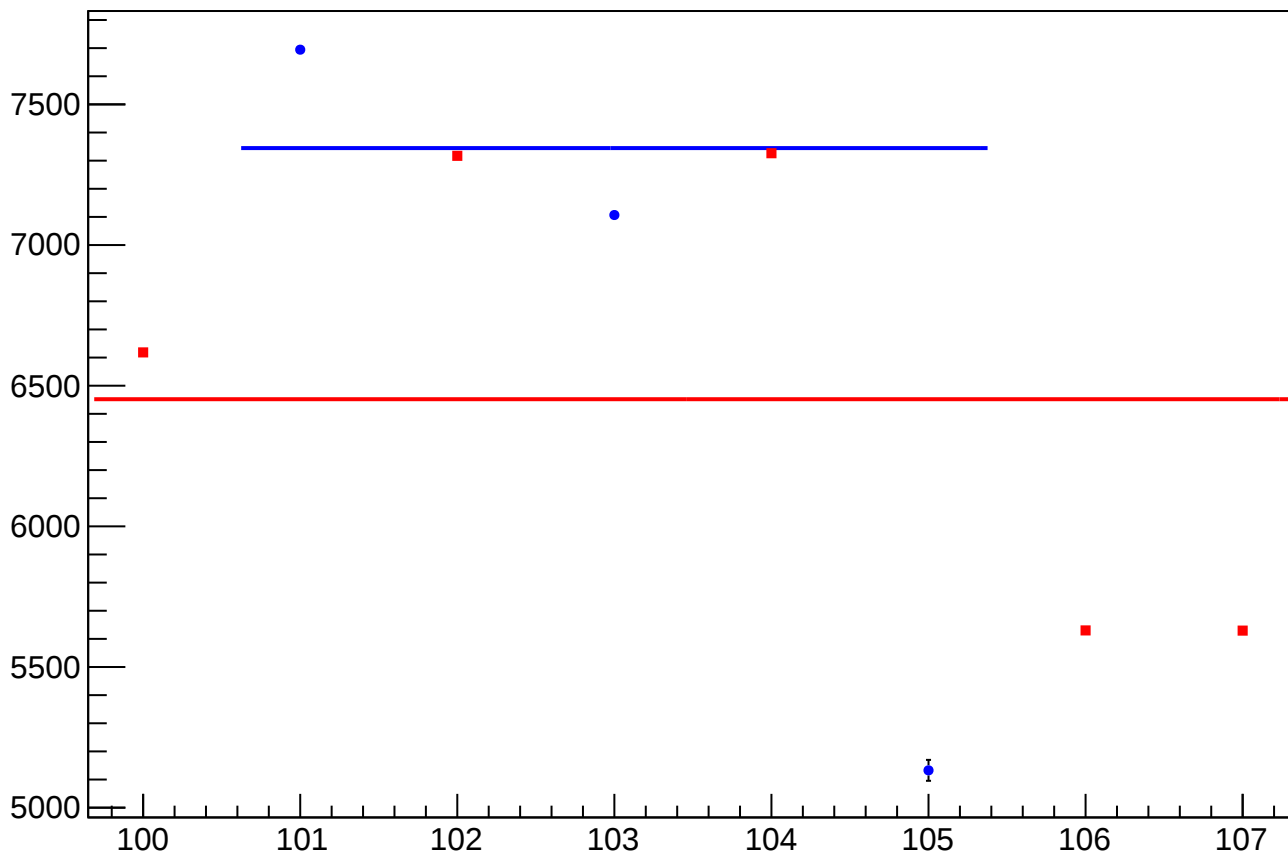
Right Out: -3.050+/-4.901 χ^2 /NDF: 6.4/4

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

-4.617+/-6.834 χ^2 /NDF: 4.1/2

-3.050+/-4.901 χ^2 /NDF: 6.4/4

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

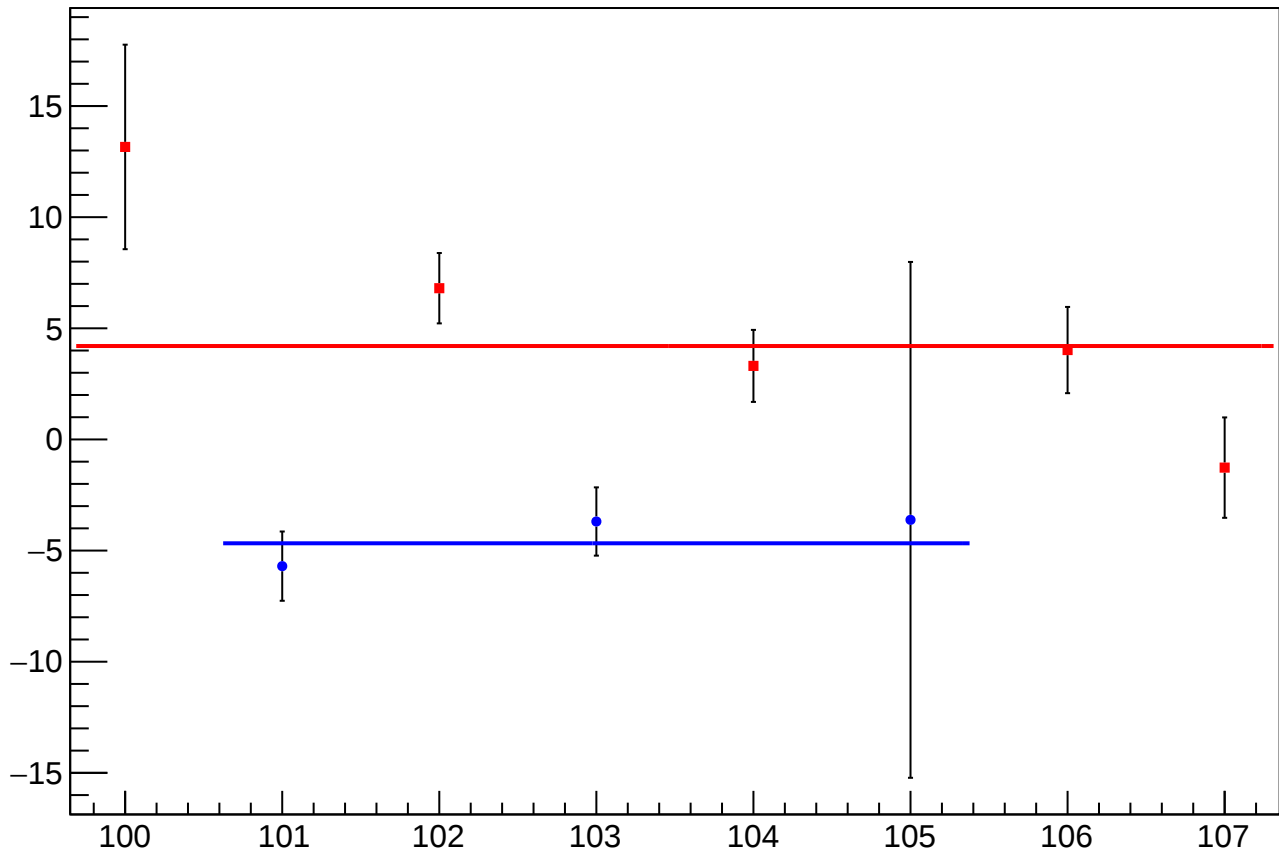
Right Out: 6451.977 $\pm$ 3.465 χ^2 /NDF: 57304.4/4

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

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

6451.977 $\pm$ 3.465 χ^2 /NDF: 57304.4/4

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

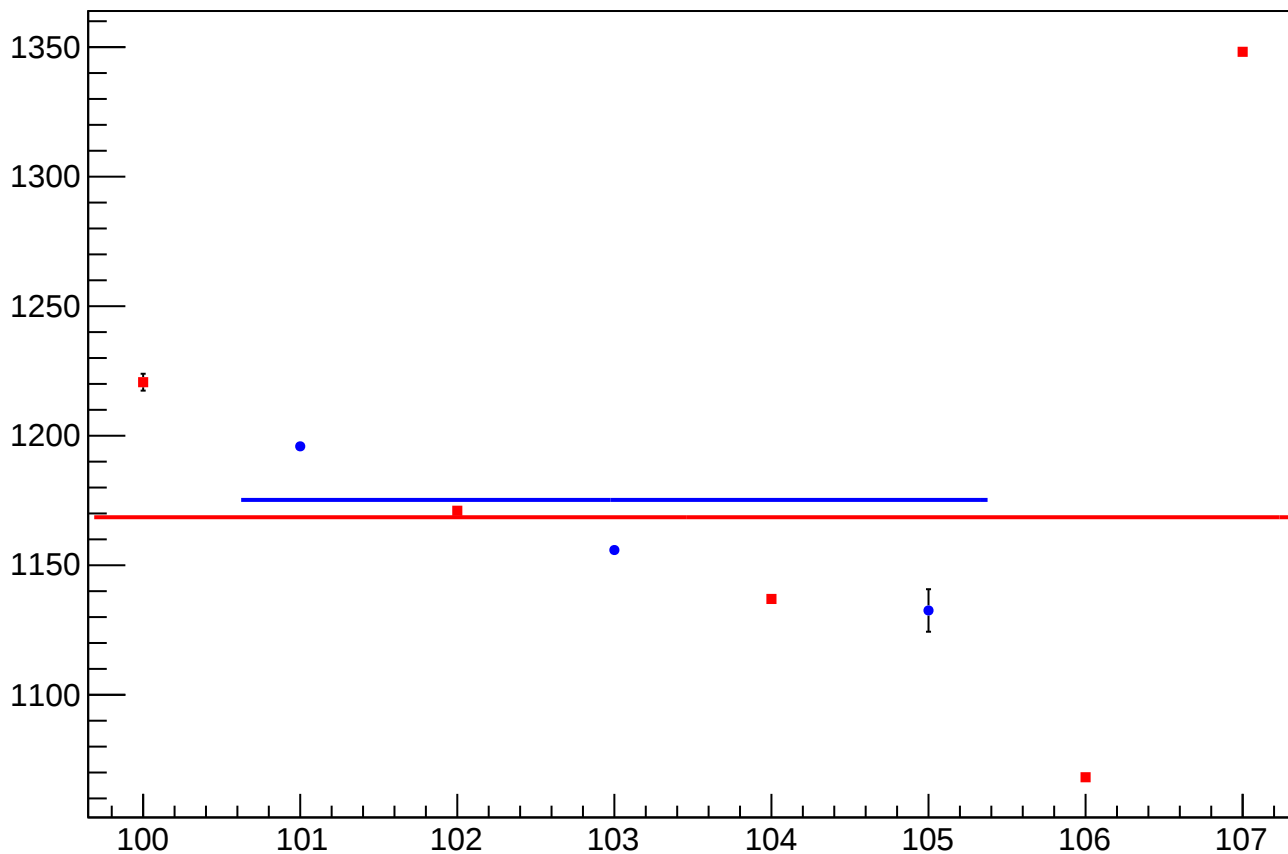
Right Out: 4.203+/-0.881 χ^2/NDF : 12.7/4

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

-4.672+/-1.089 χ^2/NDF : 0.9/2

4.203+/-0.881 χ^2/NDF : 12.7/4

diff_bpm0l06Y_rms vs slug



Right In: 1175.227 $\pm$ 0.770 χ^2 /NDF: 696.5/2

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

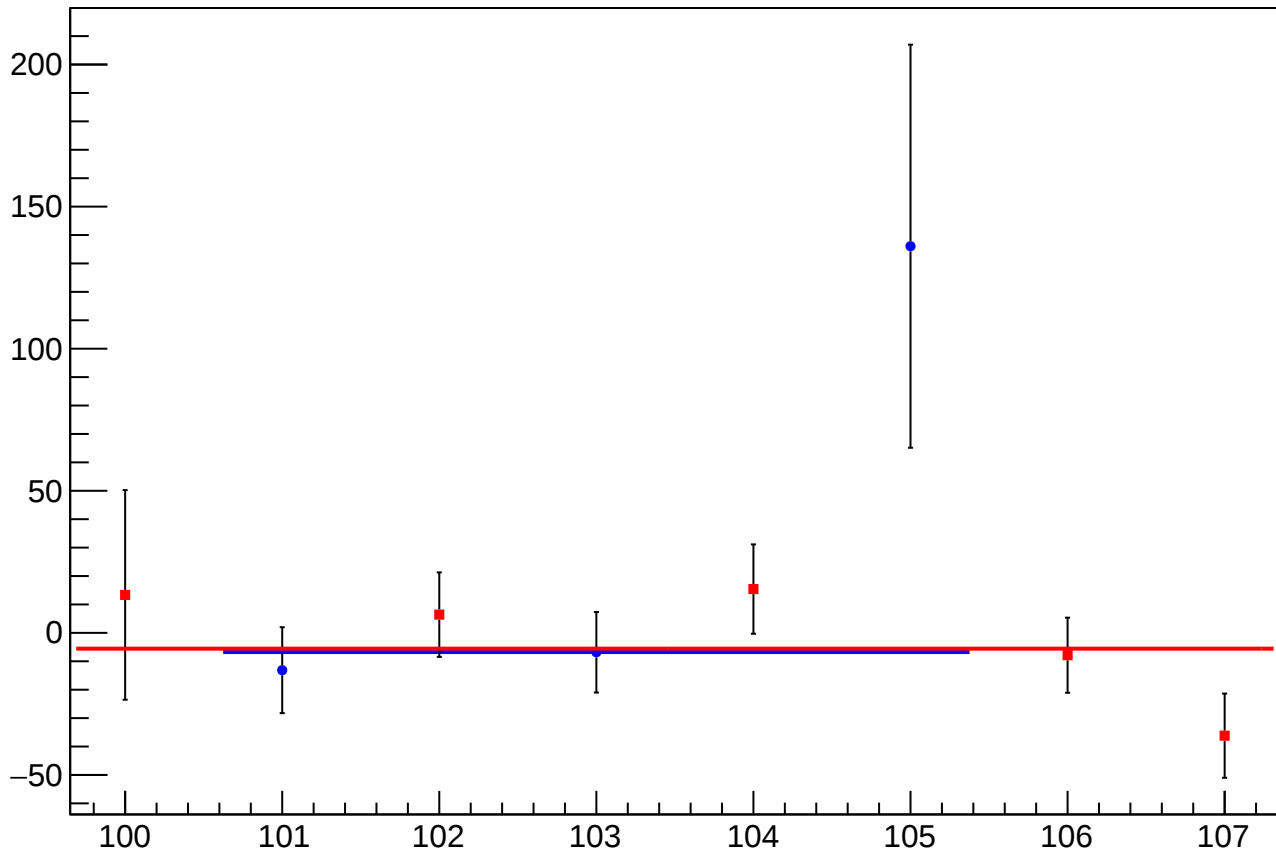
Right Out: 1168.539 $\pm$ 0.623 χ^2 /NDF: 19026.9/4

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

1175.227 $\pm$ 0.770 χ^2 /NDF: 696.5/2

1168.539 $\pm$ 0.623 χ^2 /NDF: 19026.9/4

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

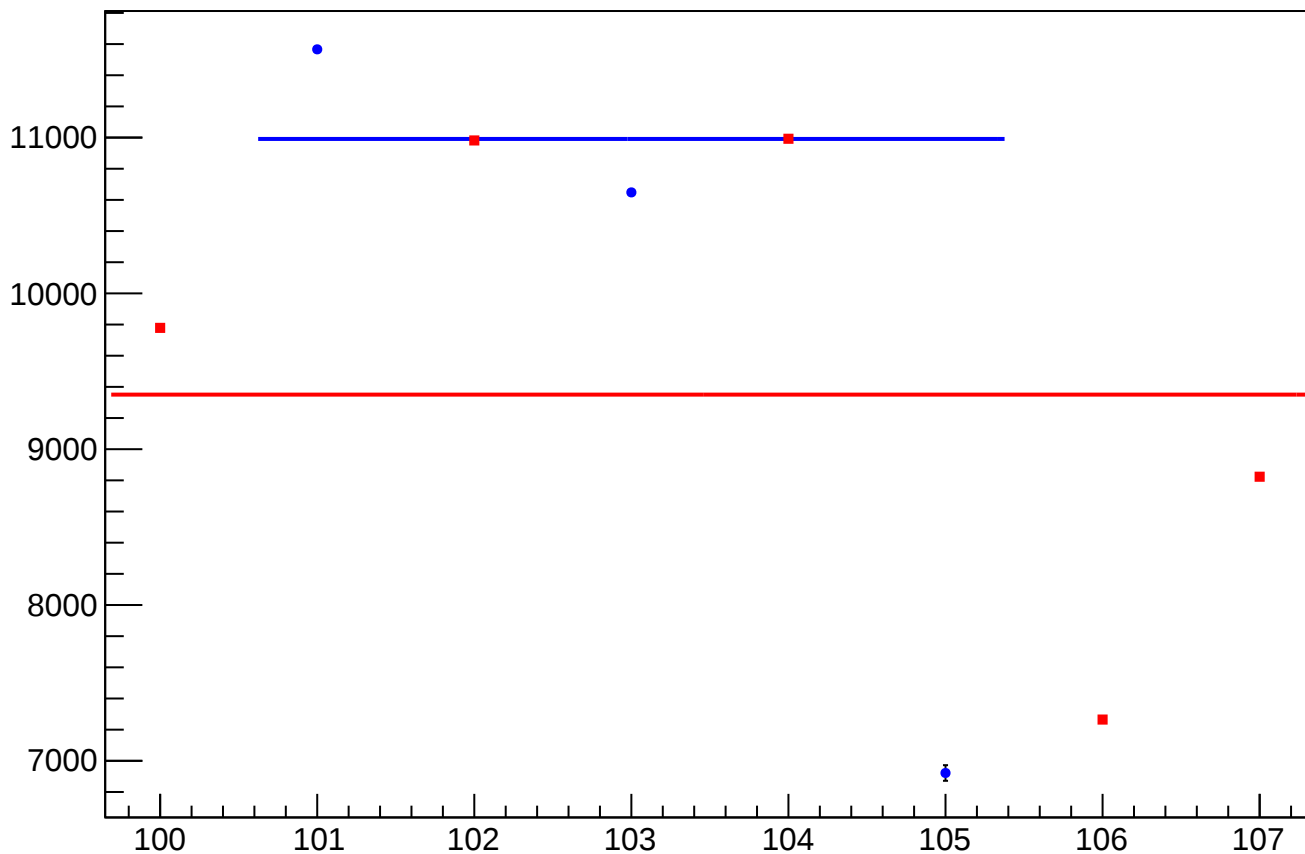
Right Out: -5.548+/-7.146 χ^2/NDF : 7.0/4

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

-6.735+/-10.235 χ^2/NDF : 4.2/2

-5.548+/-7.146 χ^2/NDF : 7.0/4

diff_bpm0l07X_rms vs slug



Right In: 10991.189+/-7.237 χ^2/NDF : 10647.0/2

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

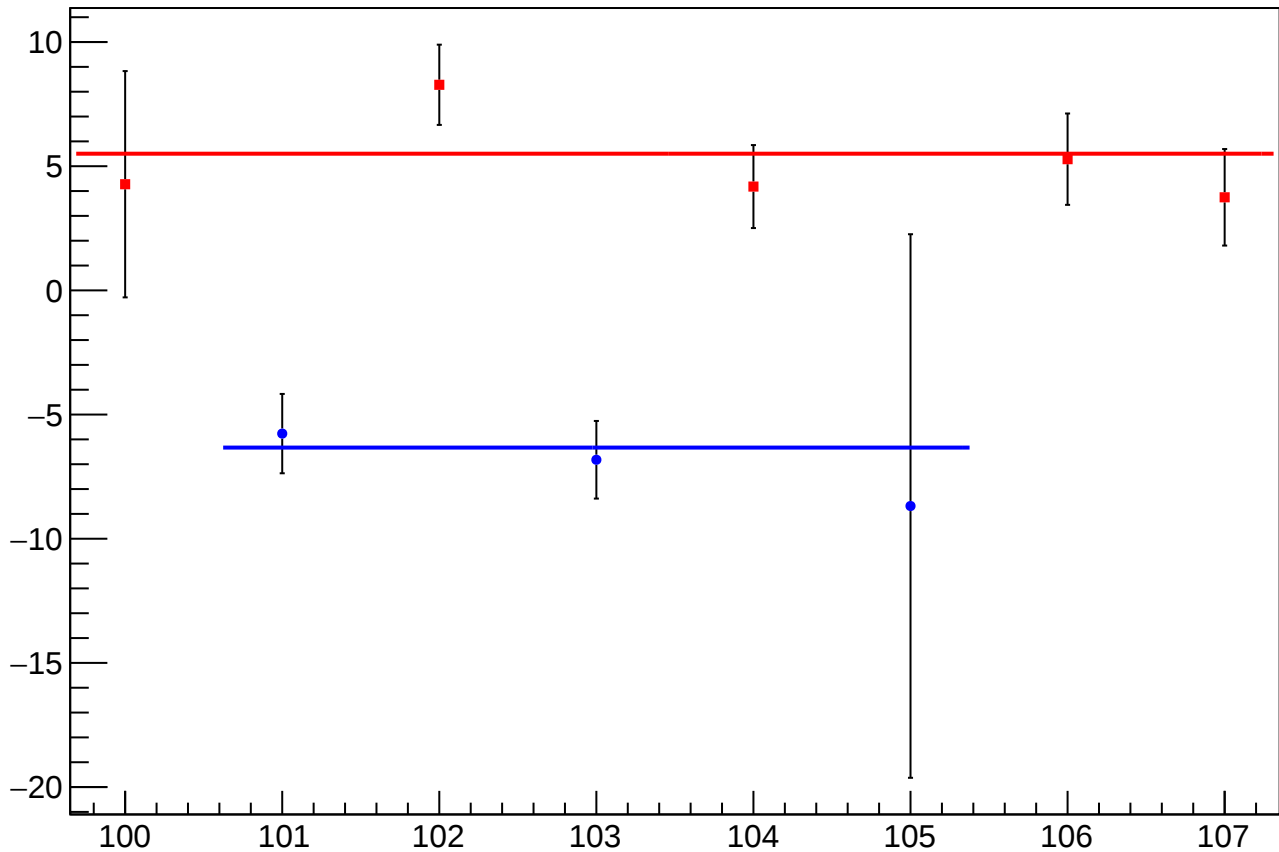
Right Out: 9350.299+/-5.053 χ^2/NDF : 98484.8/4

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

10991.189+/-7.237 χ^2/NDF : 10647.0/2

9350.299+/-5.053 χ^2/NDF : 98484.8/4

diff_bpm0l07Y_mean vs slug



Right In: -6.330+/-1.111 χ^2/NDF : 0.3/2

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

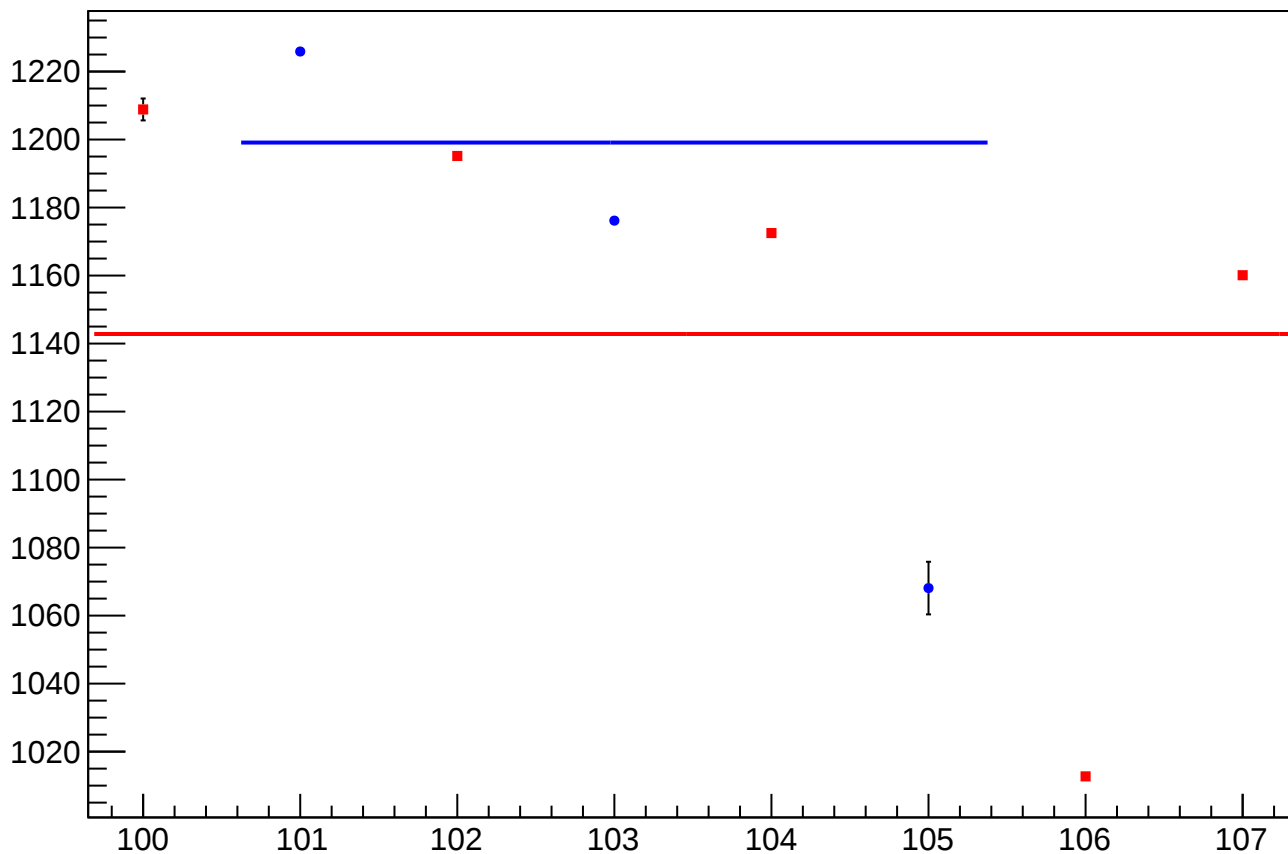
Right Out: 5.504+/-0.861 χ^2/NDF : 4.5/4

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

-6.330+/-1.111 χ^2/NDF : 0.3/2

5.504+/-0.861 χ^2/NDF : 4.5/4

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

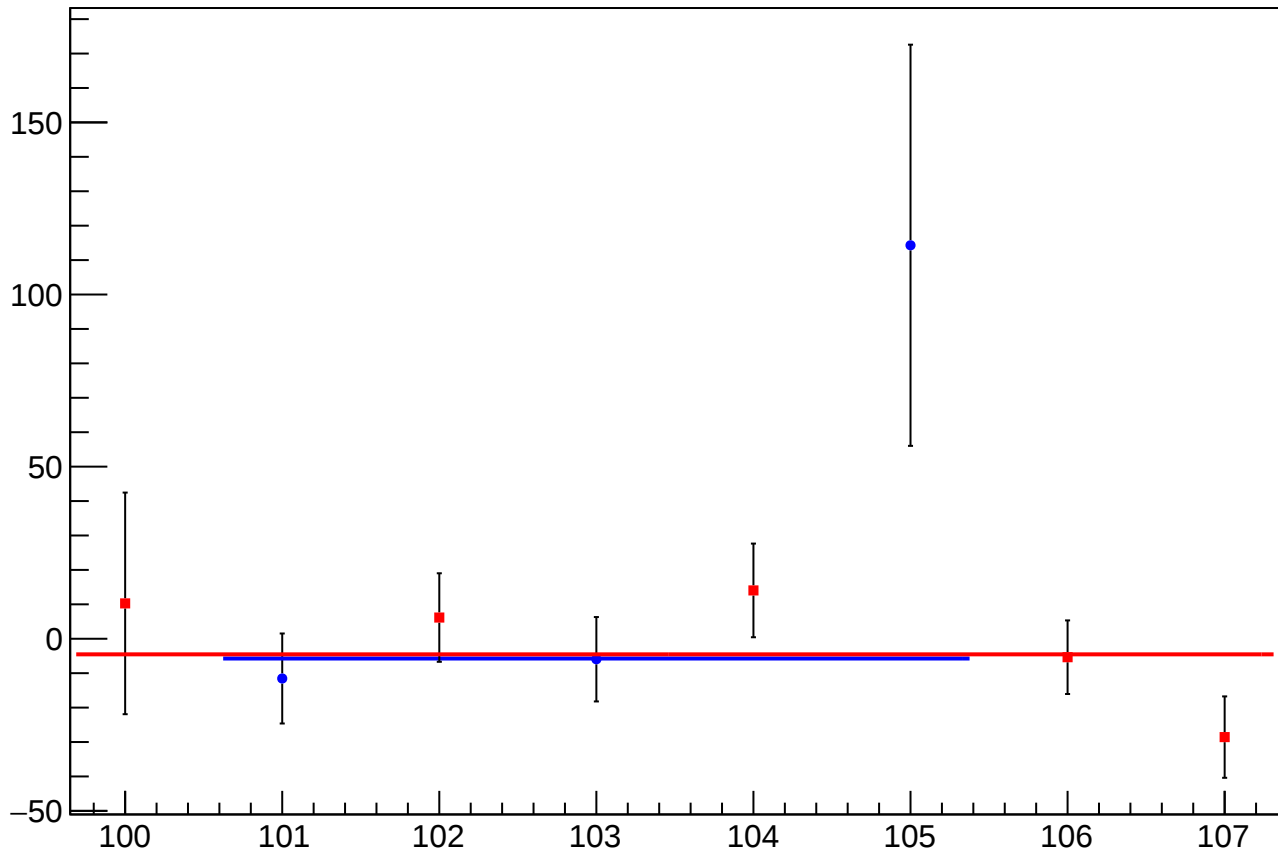
Right Out: 1142.815 $\pm$ 0.609 χ^2 /NDF: 13315.9/4

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

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

1142.815 $\pm$ 0.609 χ^2 /NDF: 13315.9/4

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

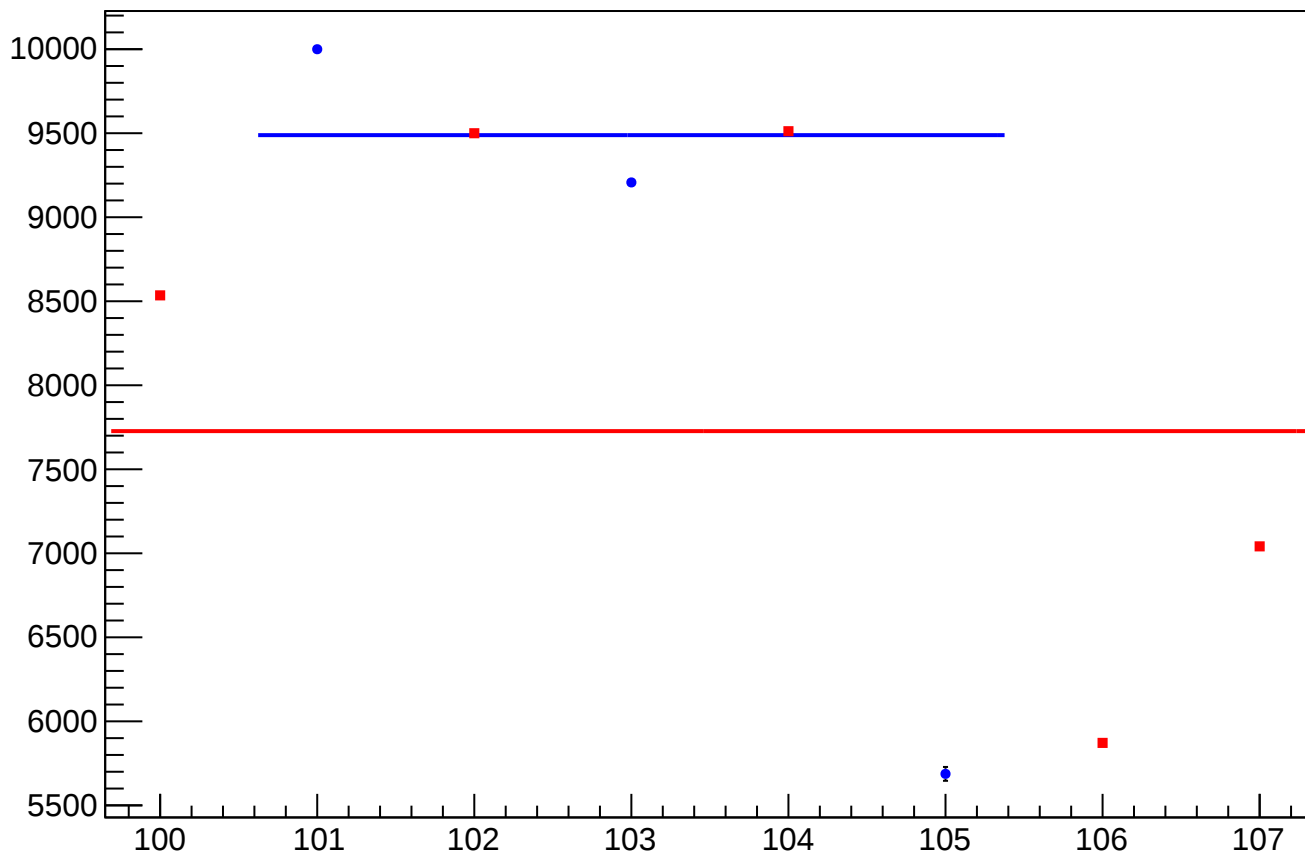
Right Out: -4.528+/-5.943 χ^2 /NDF: 6.9/4

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

-5.741+/-8.839 χ^2 /NDF: 4.4/2

-4.528+/-5.943 χ^2 /NDF: 6.9/4

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

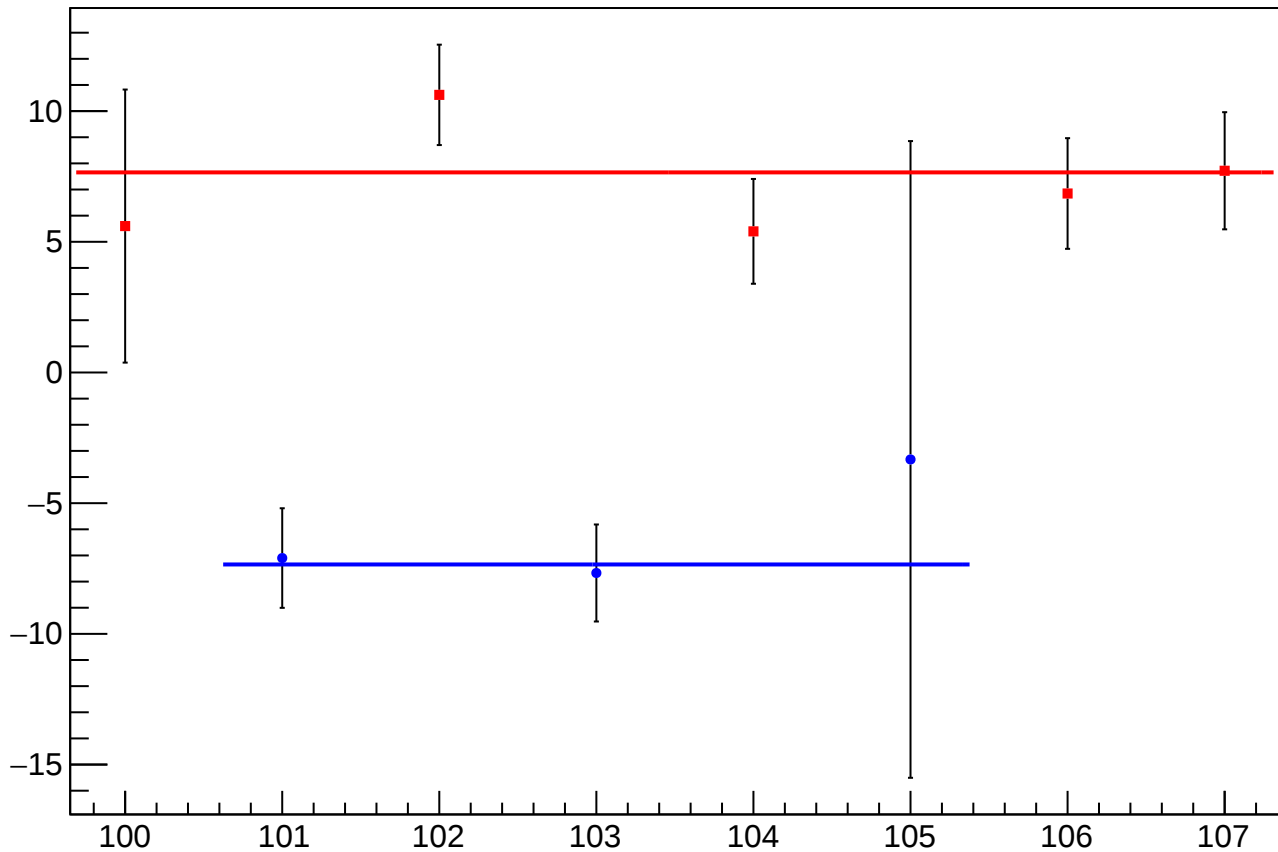
Right Out: 7727.139 $\pm$ 4.202 χ^2 /NDF: 140654.7/4

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

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

7727.139 $\pm$ 4.202 χ^2 /NDF: 140654.7/4

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

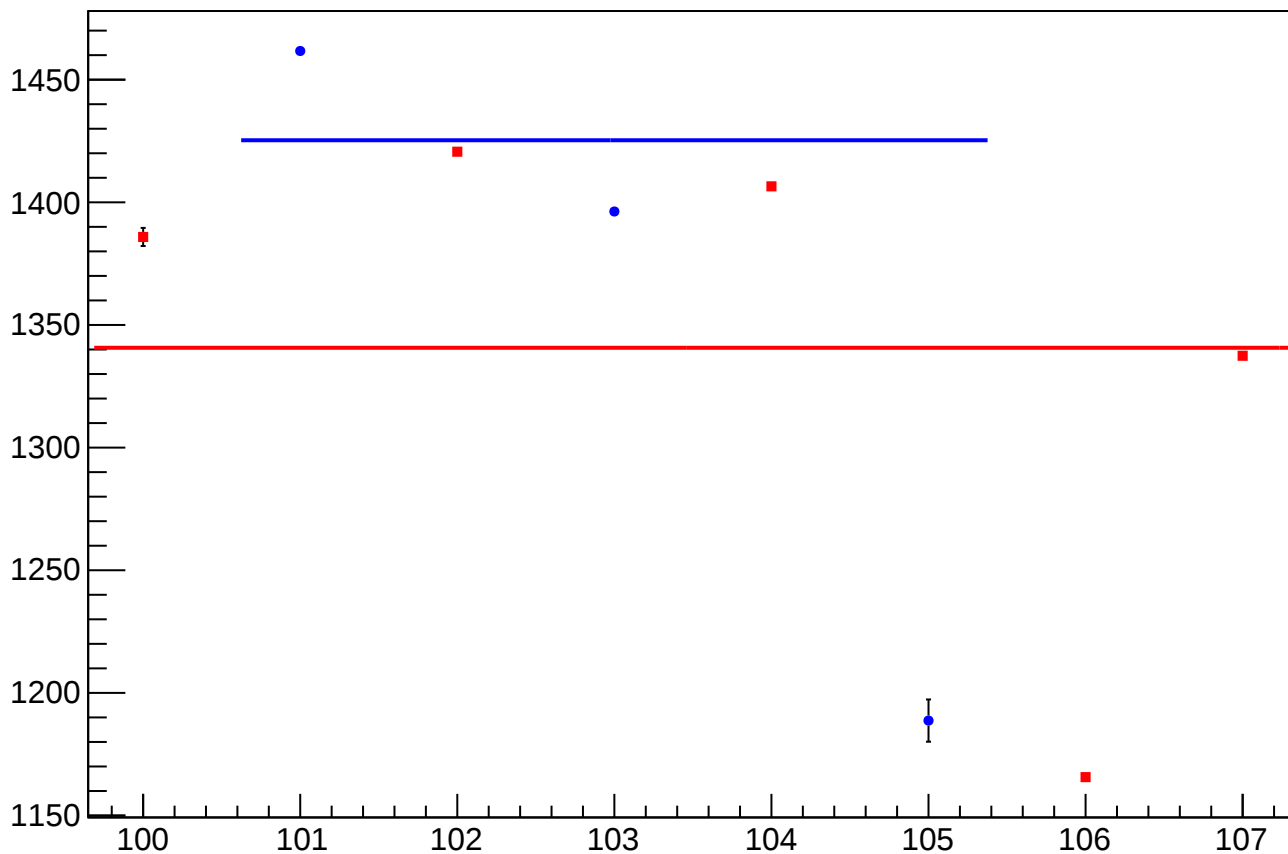
Right Out: 7.655+/-1.011 χ^2/NDF : 4.0/4

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

-7.345+/-1.321 χ^2/NDF : 0.2/2

7.655+/-1.011 χ^2/NDF : 4.0/4

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

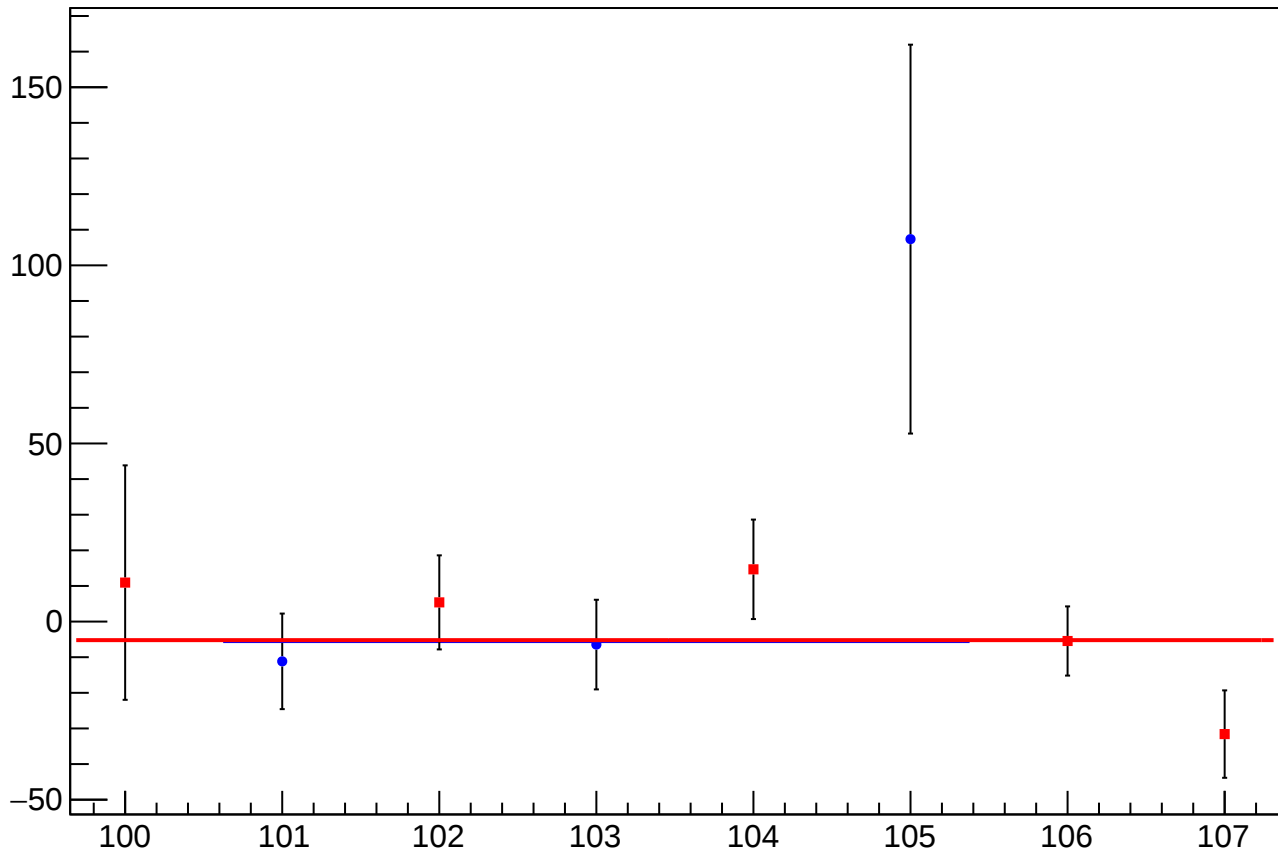
Right Out: 1340.705+/-0.715 χ^2/NDF : 19447.1/4

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

1425.305+/-0.934 χ^2/NDF : 1974.6/2

1340.705+/-0.715 χ^2/NDF : 19447.1/4

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

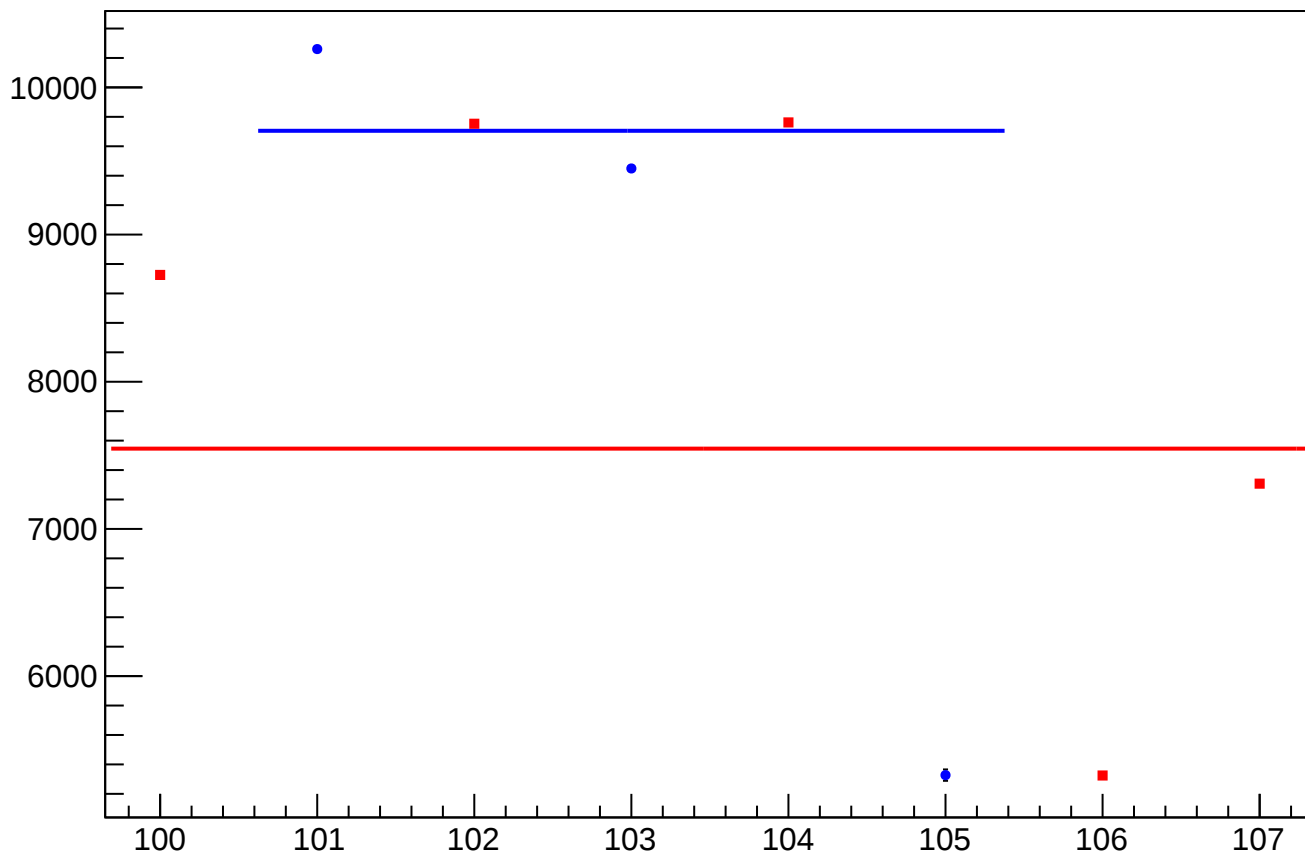
Right Out: -5.211+/-5.869 χ^2 /NDF: 7.5/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-5.472+/-9.050 χ^2 /NDF: 4.5/2

-5.211+/-5.869 χ^2 /NDF: 7.5/4

diff_bpm0l09X_rms vs slug



Right In: 9705.184+/-6.399 χ^2/NDF : 17121.3/2

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

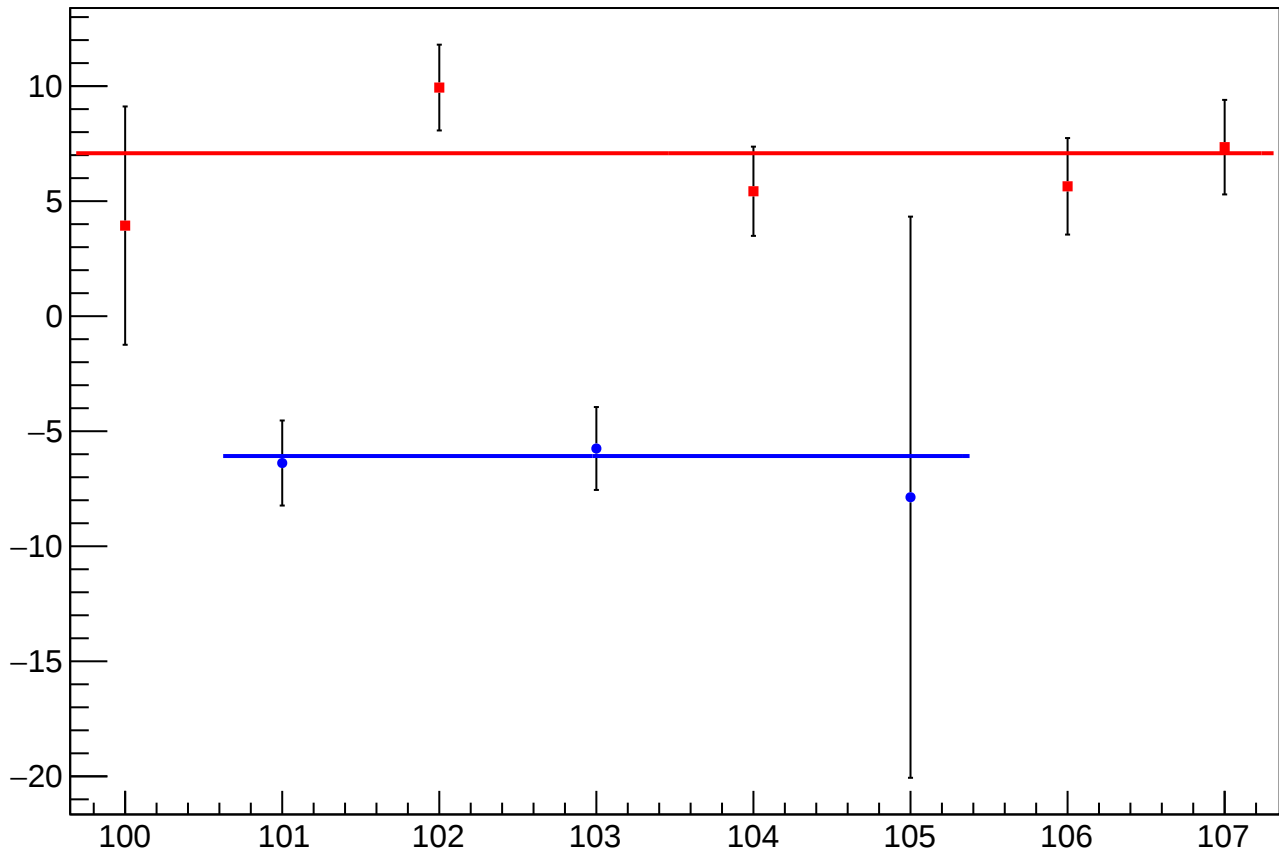
Right Out: 7545.605+/-4.150 χ^2/NDF : 214218.9/4

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

9705.184+/-6.399 χ^2/NDF : 17121.3/2

7545.605+/-4.150 χ^2/NDF : 214218.9/4

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

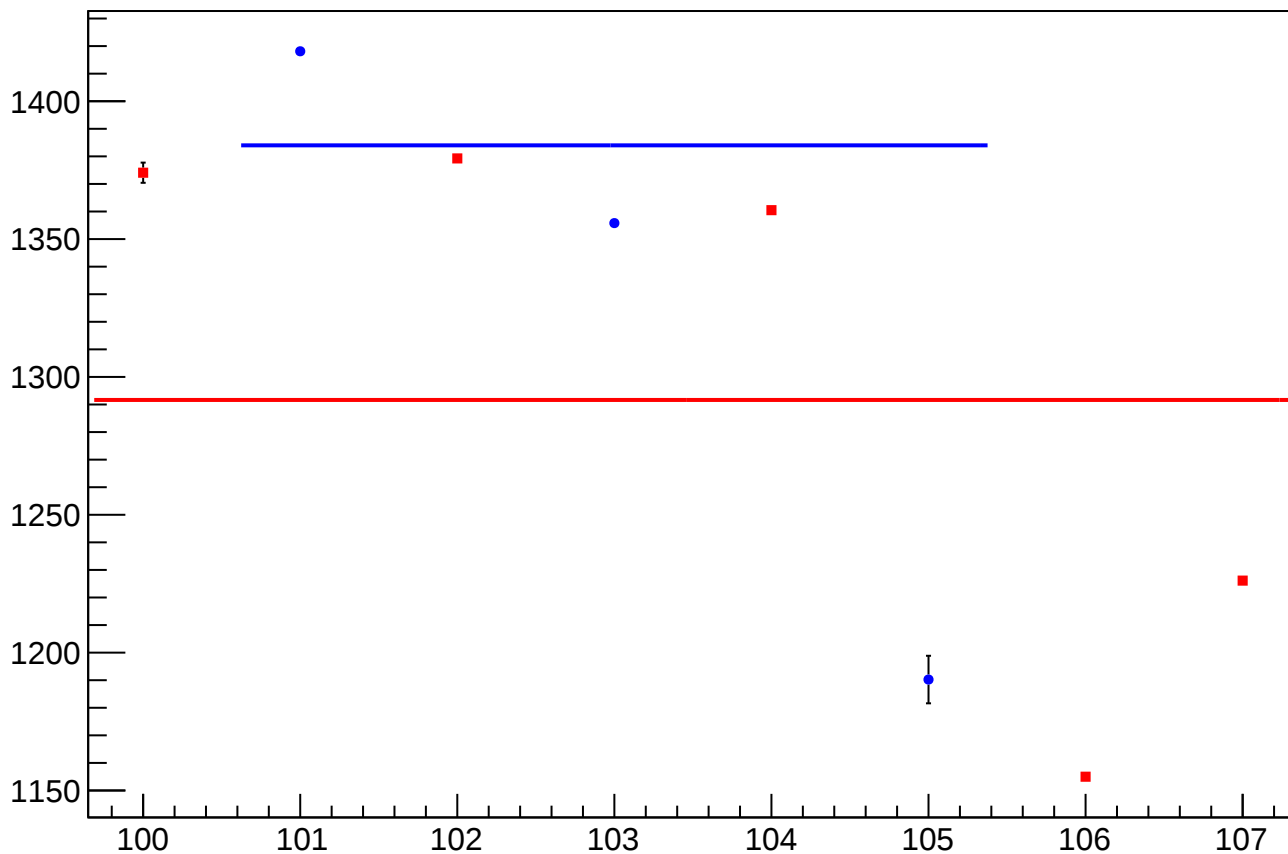
Right Out: 7.083+/-0.974 χ^2/NDF : 3.9/4

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

-6.078+/-1.283 χ^2/NDF : 0.1/2

7.083+/-0.974 χ^2/NDF : 3.9/4

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

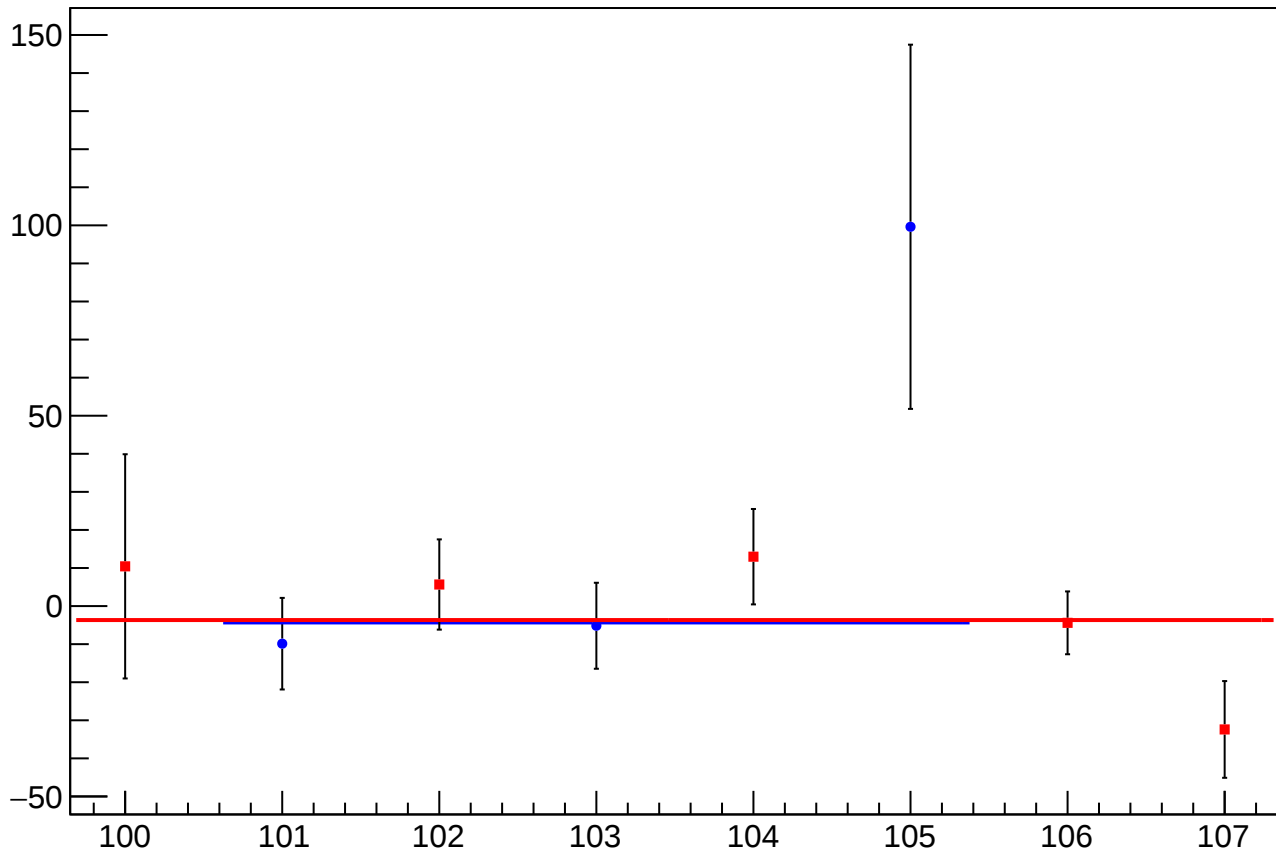
Right Out: 1291.649 $\pm$ 0.688 χ^2 /NDF: 17965.6/4

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

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

1291.649 $\pm$ 0.688 χ^2 /NDF: 17965.6/4

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

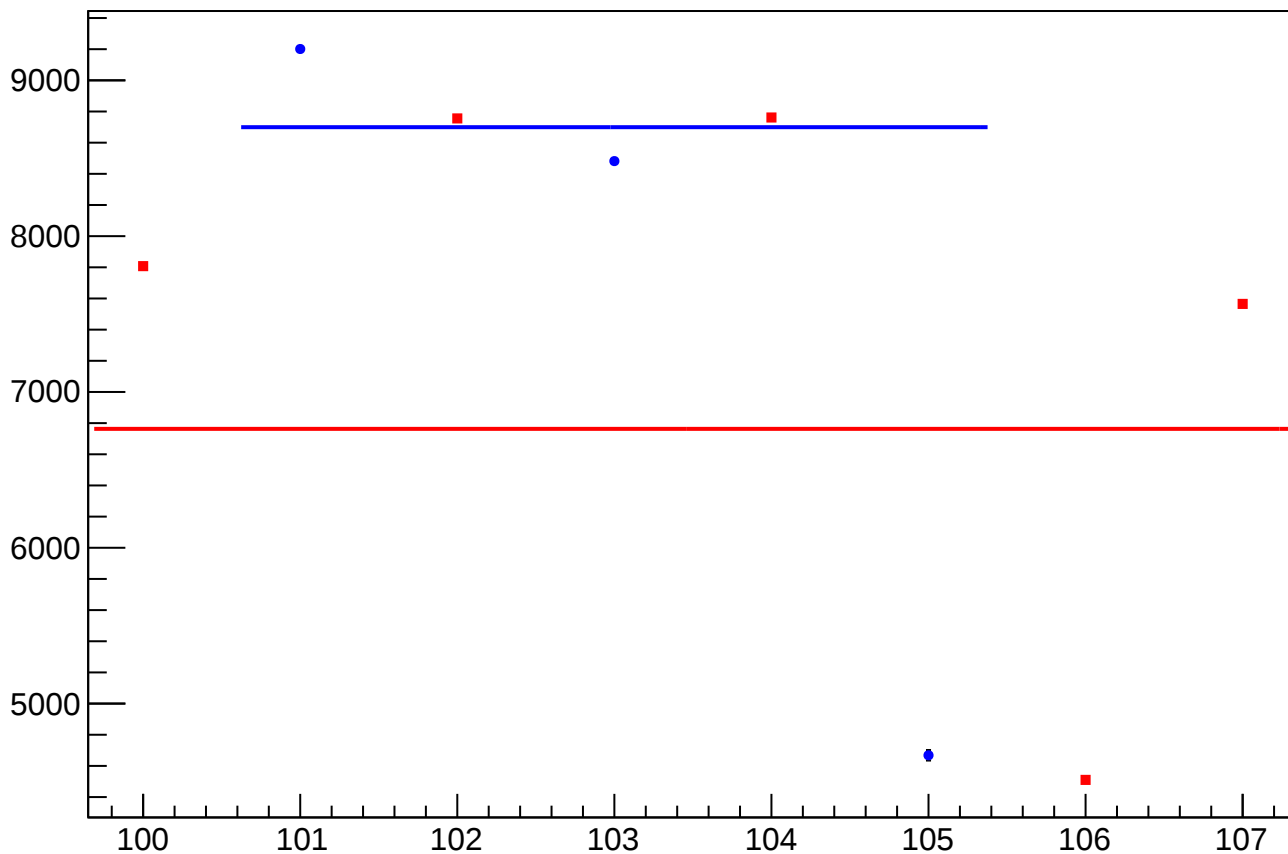
Right Out: -3.671+/-5.306 χ^2 /NDF: 7.7/4

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

-4.296+/-8.114 χ^2 /NDF: 4.9/2

-3.671+/-5.306 χ^2 /NDF: 7.7/4

diff_bpm0l10X_rms vs slug



Right In: 8699.409+/-5.737 χ^2/NDF : 18428.9/2

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

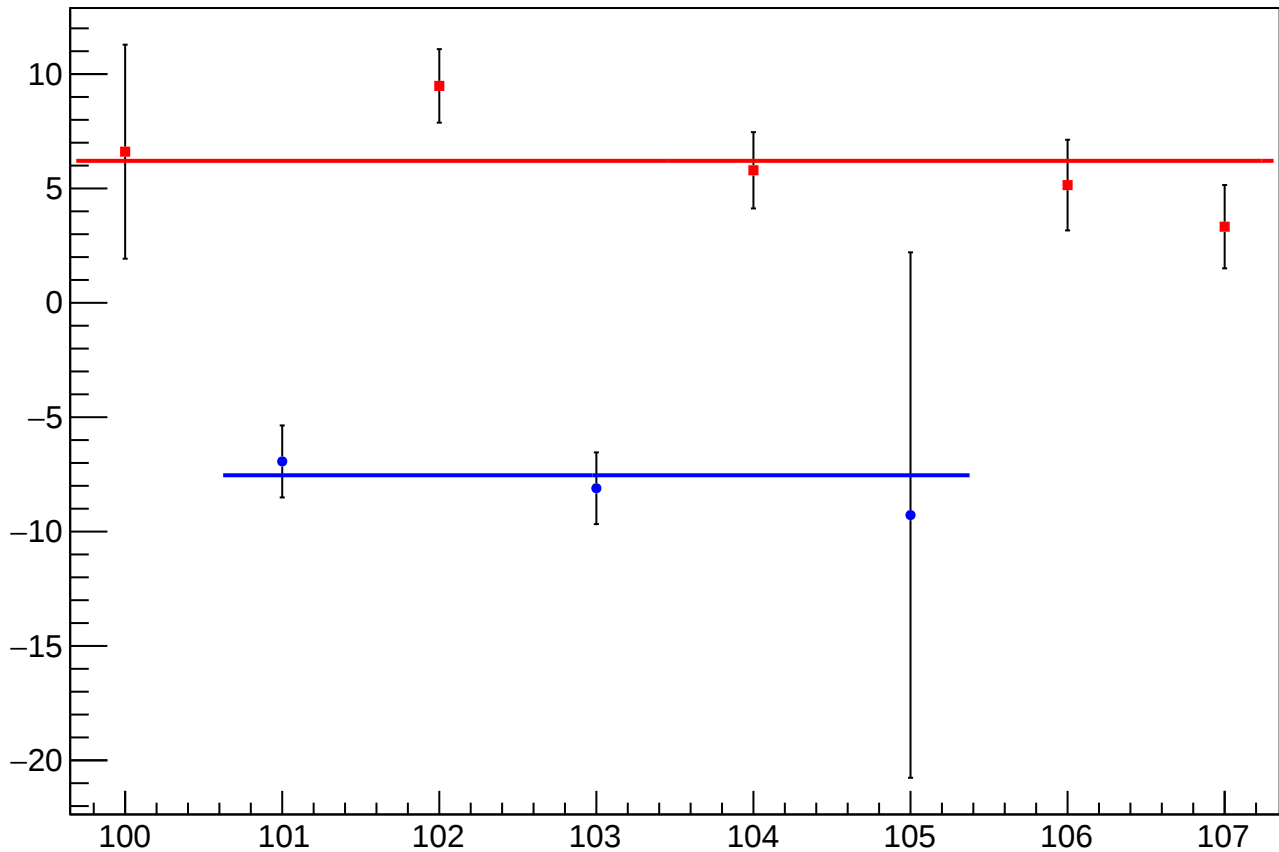
Right Out: 6763.220+/-3.752 χ^2/NDF : 266963.6/4

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

8699.409+/-5.737 χ^2/NDF : 18428.9/2

6763.220+/-3.752 χ^2/NDF : 266963.6/4

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

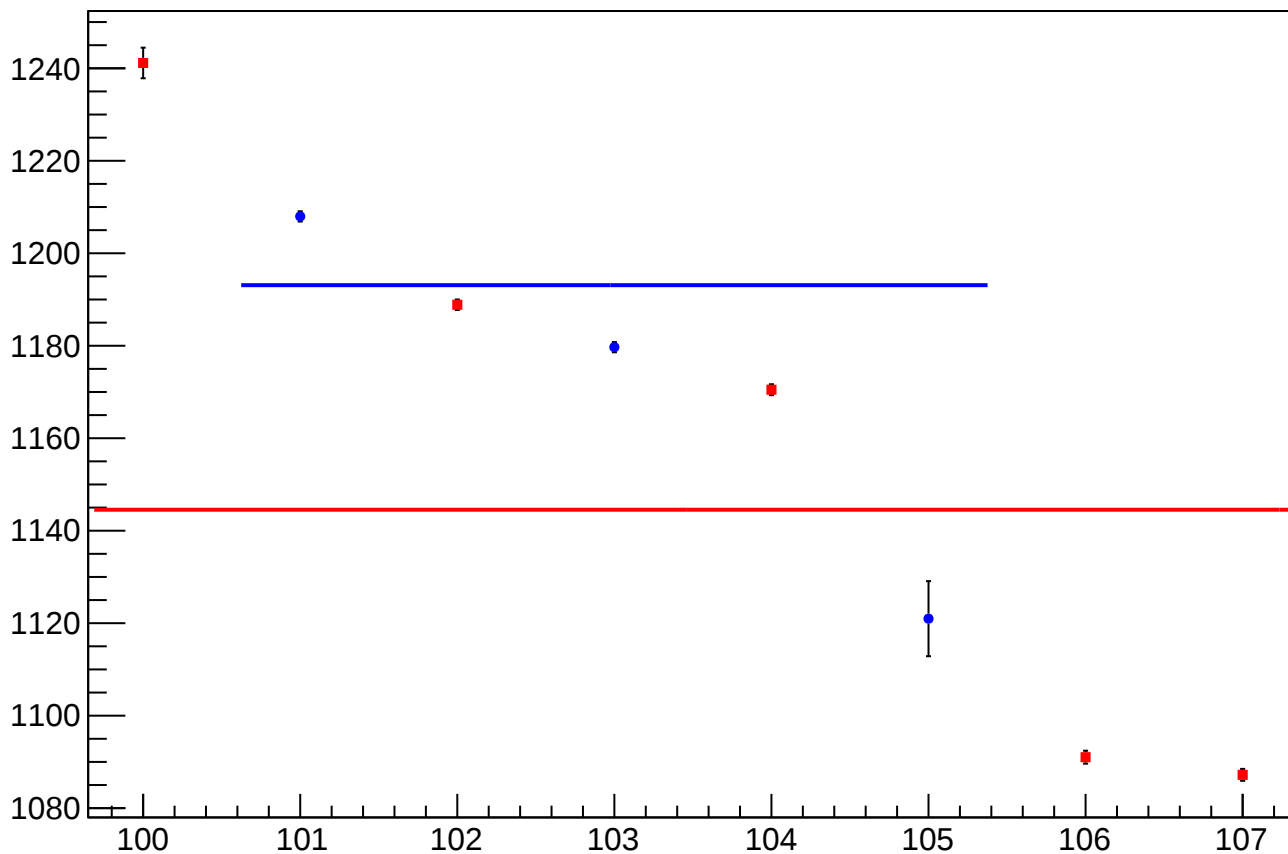
Right Out: 6.208+/-0.861 χ^2/NDF : 7.0/4

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

-7.539+/-1.106 χ^2/NDF : 0.3/2

6.208+/-0.861 χ^2/NDF : 7.0/4

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

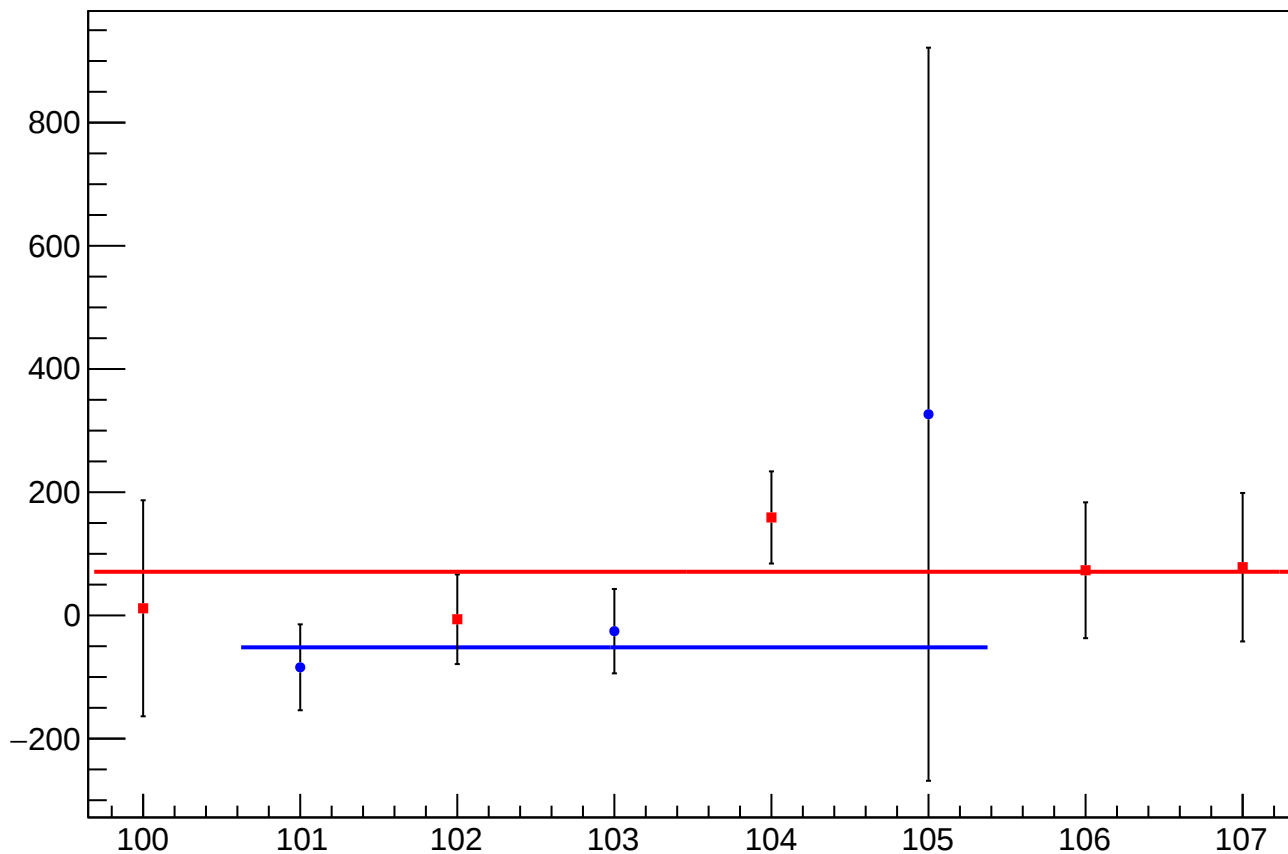
Right Out: 1144.540 $\pm$ 0.609 χ^2 /NDF: 6299.9/4

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

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

1144.540 $\pm$ 0.609 χ^2 /NDF: 6299.9/4

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

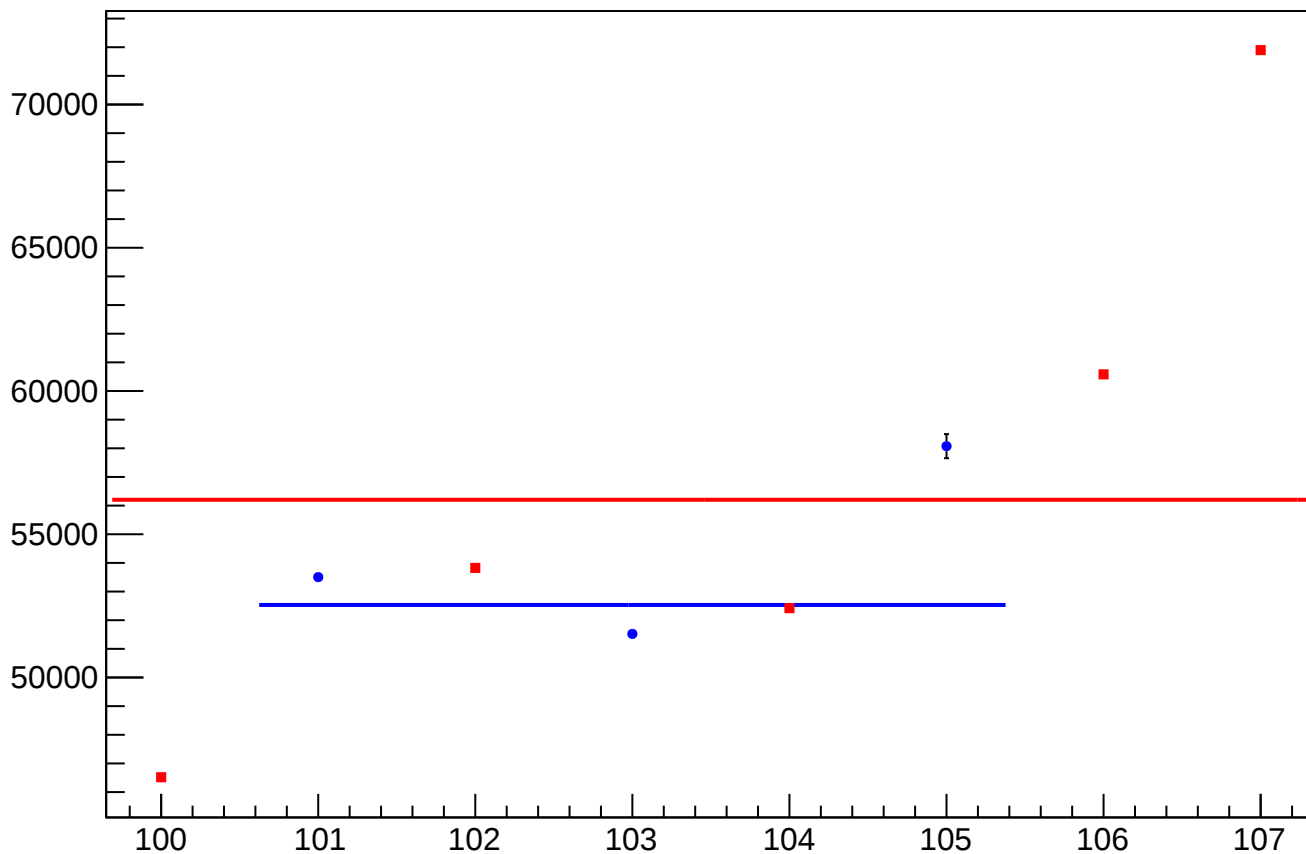
Right Out: 70.875 $\pm$ 42.601 χ^2 /NDF: 2.6/4

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

-51.809 $\pm$ 48.700 χ^2 /NDF: 0.8/2

70.875 $\pm$ 42.601 χ^2 /NDF: 2.6/4

diff_bpm0r03X_rms vs slug



Right In: 52531.945 $\pm$ 34.436 χ^2 /NDF: 996.4/2

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

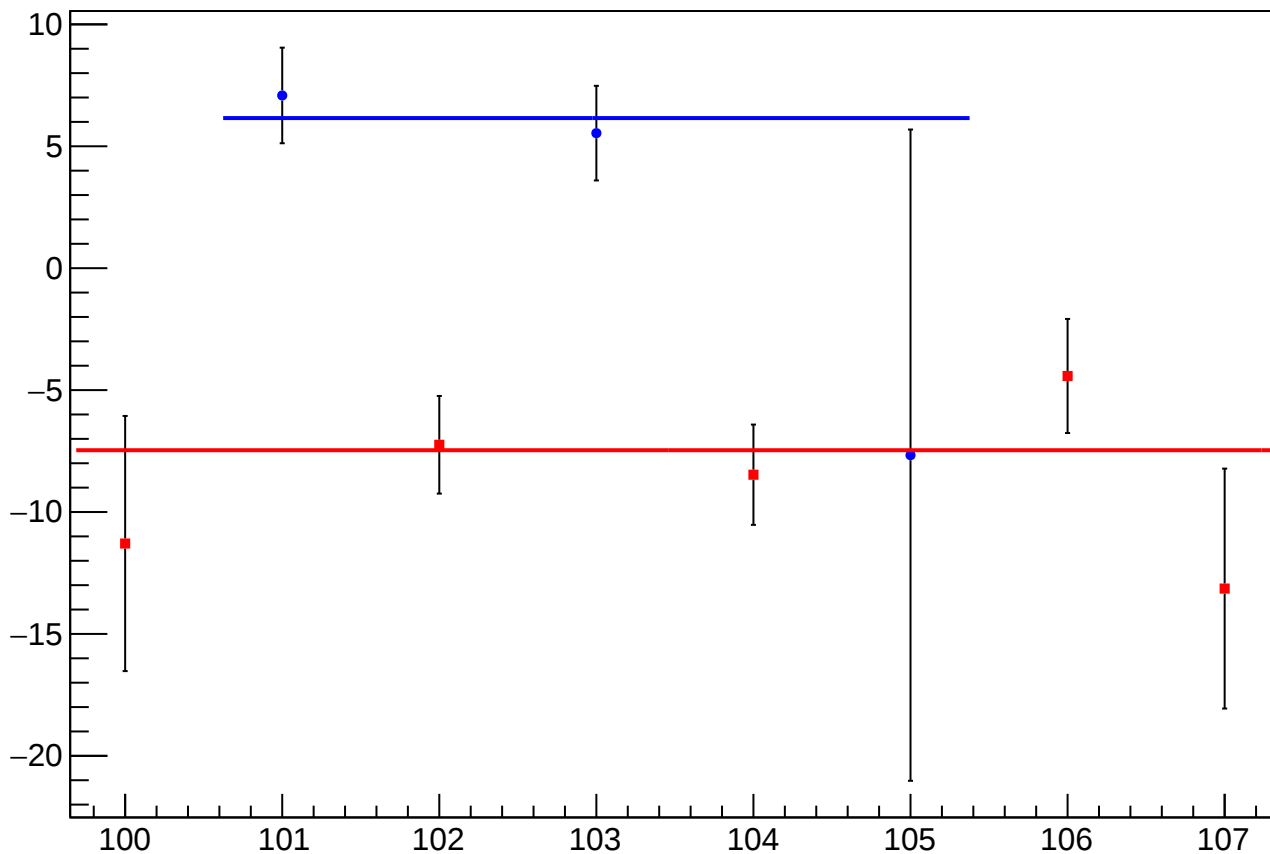
Right Out: 56203.795 $\pm$ 30.123 χ^2 /NDF: 50417.1/4

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

52531.945 $\pm$ 34.436 χ^2 /NDF: 996.4/2

56203.795 $\pm$ 30.123 χ^2 /NDF: 50417.1/4

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

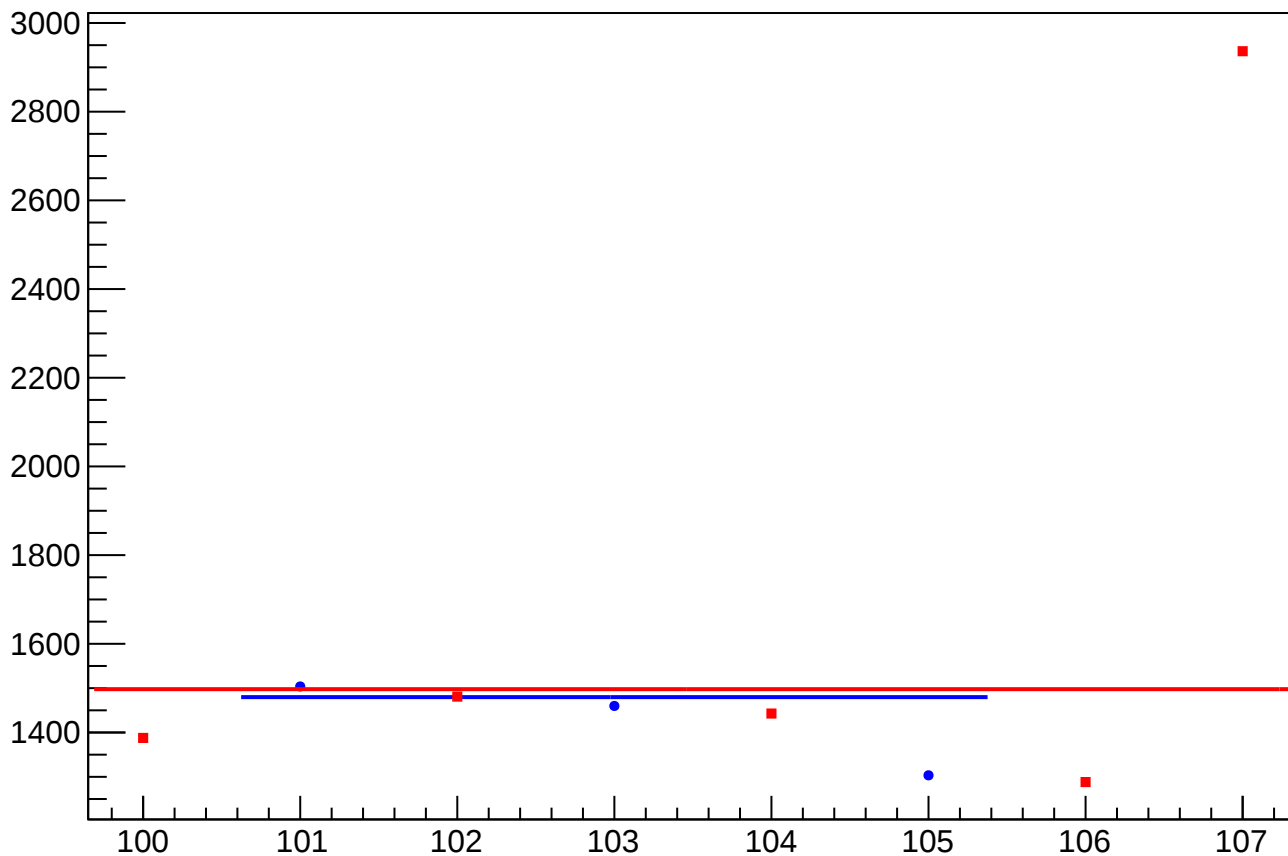
Right Out: -7.466+/-1.157 χ^2/NDF : 3.8/4

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

6.156+/-1.372 χ^2/NDF : 1.4/2

-7.466+/-1.157 χ^2/NDF : 3.8/4

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

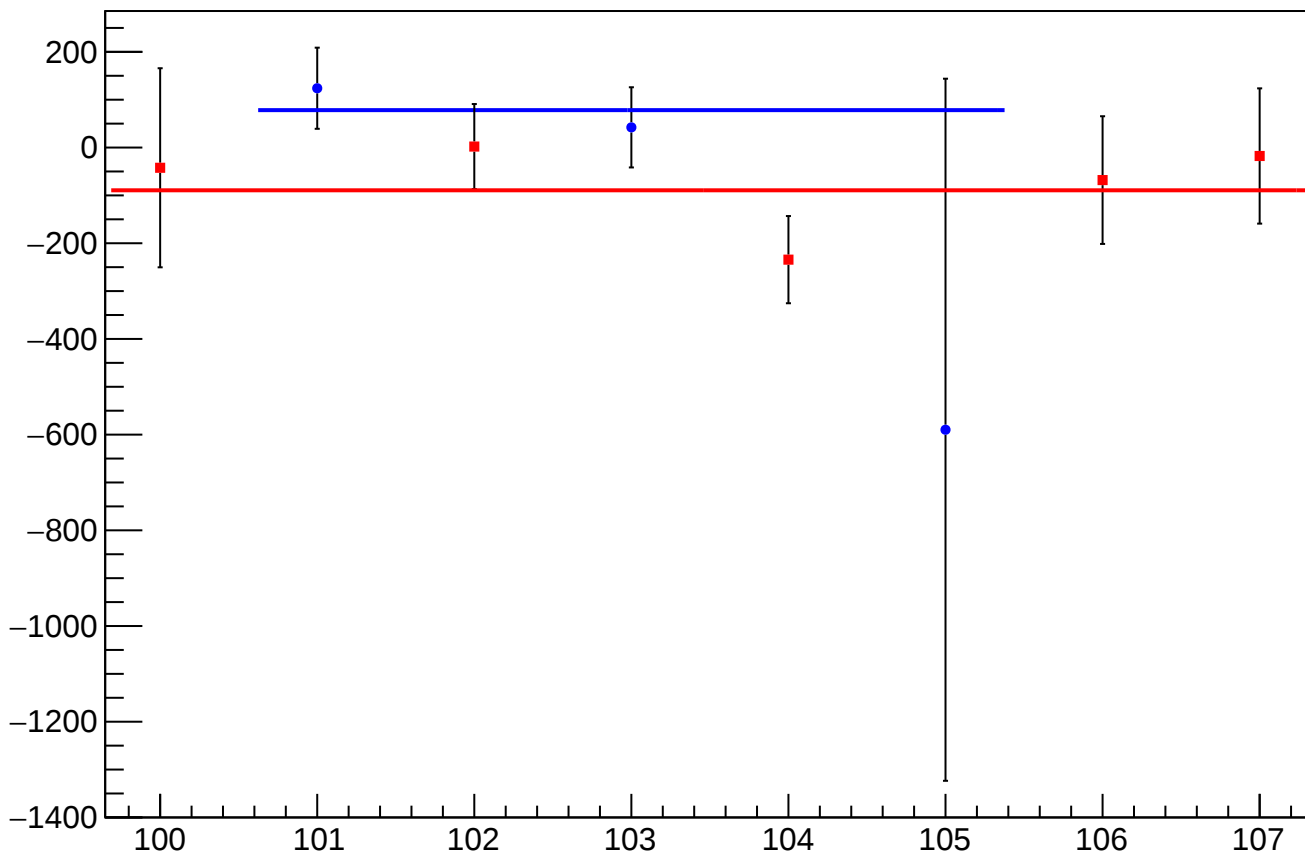
Right Out: 1497.697 $\pm$ 0.818 χ^2 /NDF: 189529.9/4

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

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

1497.697 $\pm$ 0.818 χ^2 /NDF: 189529.9/4

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

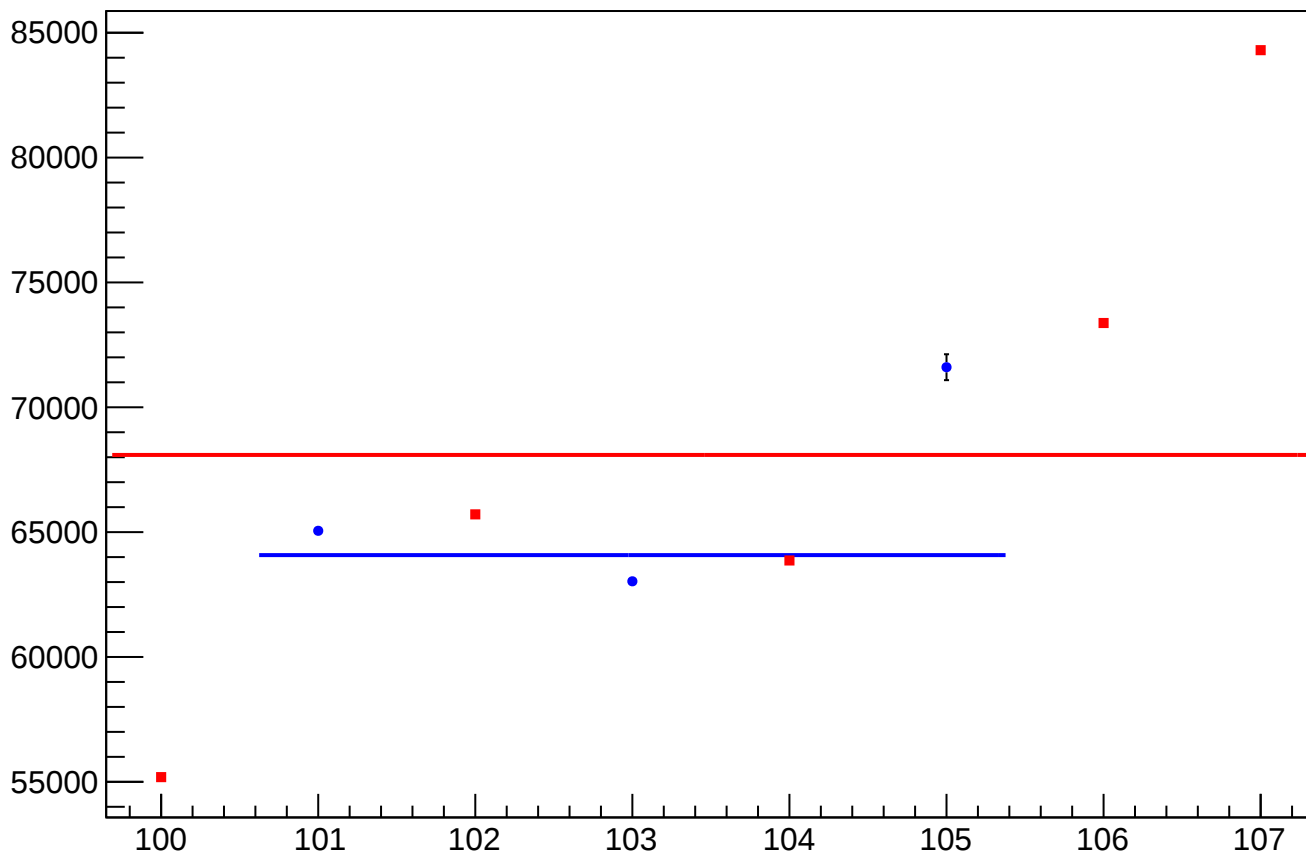
Right Out: -89.348+/-51.550 χ^2/NDF : 3.9/4

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

78.190+/-59.403 χ^2/NDF : 1.3/2

-89.348+/-51.550 χ^2/NDF : 3.9/4

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

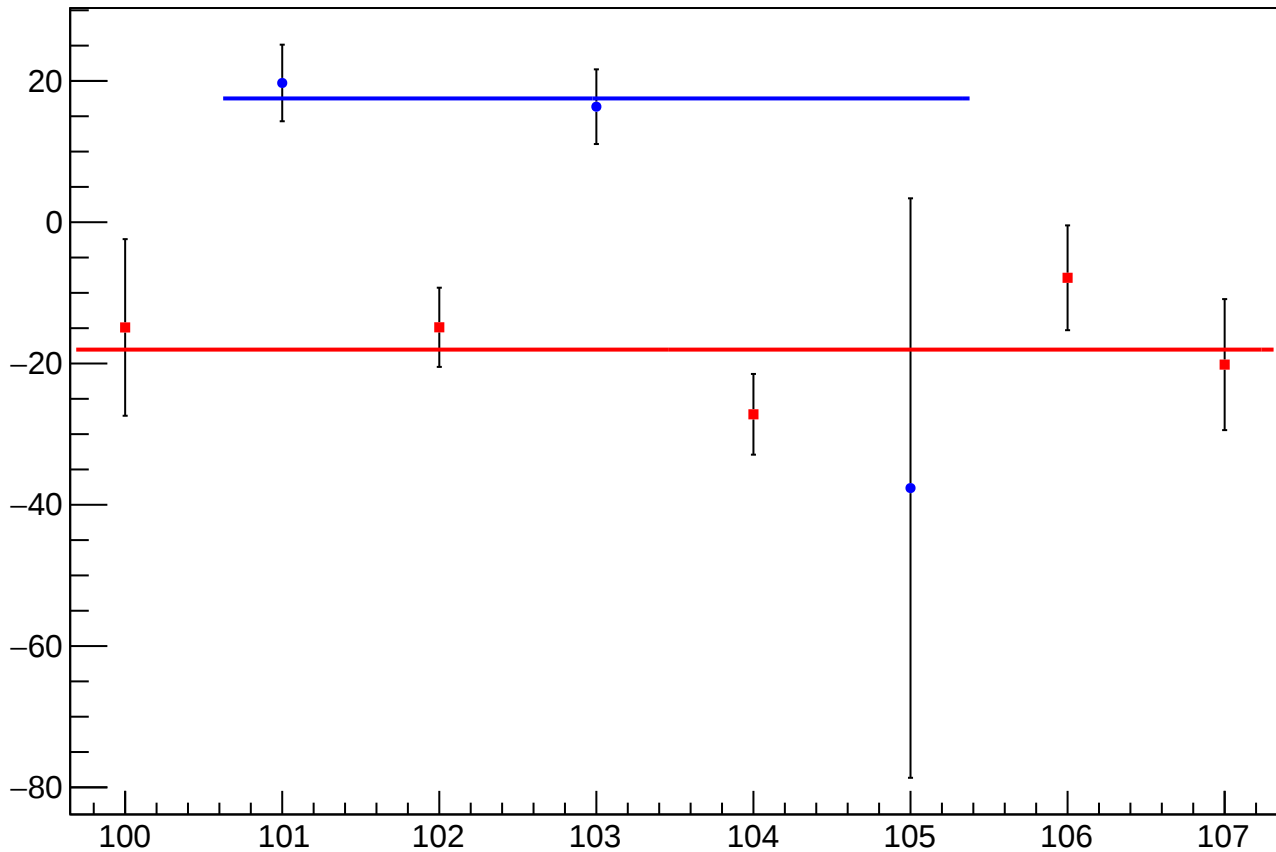
Right Out: 68091.326 $\pm$ 36.451 χ^2 /NDF: 42869.8/4

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

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

68091.326 $\pm$ 36.451 χ^2 /NDF: 42869.8/4

diff_bpm0r05Y_mean vs slug



Right In: 17.522+/-3.769 χ^2 /NDF: 2.0/2

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

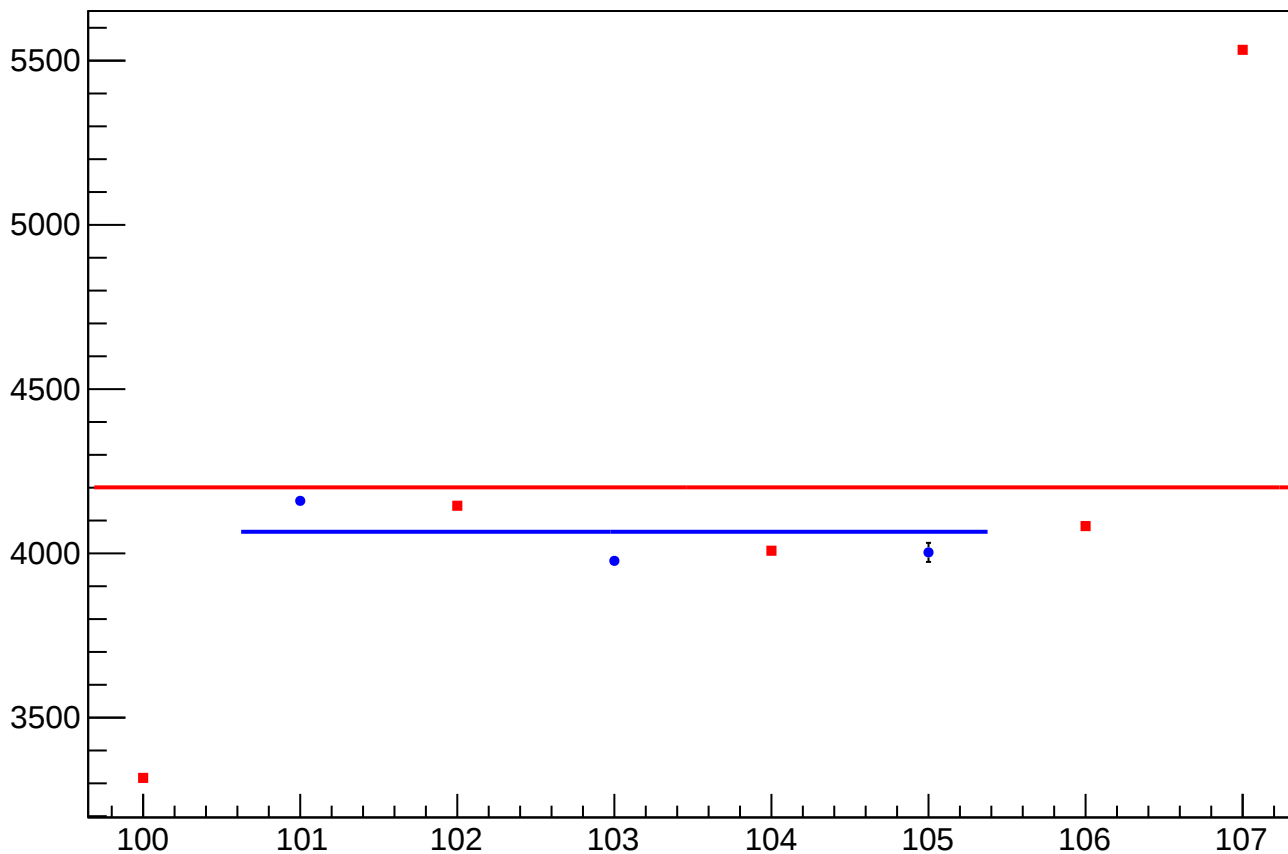
Right Out: -18.033+/-3.184 χ^2 /NDF: 4.9/4

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

17.522+/-3.769 χ^2 /NDF: 2.0/2

-18.033+/-3.184 χ^2 /NDF: 4.9/4

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

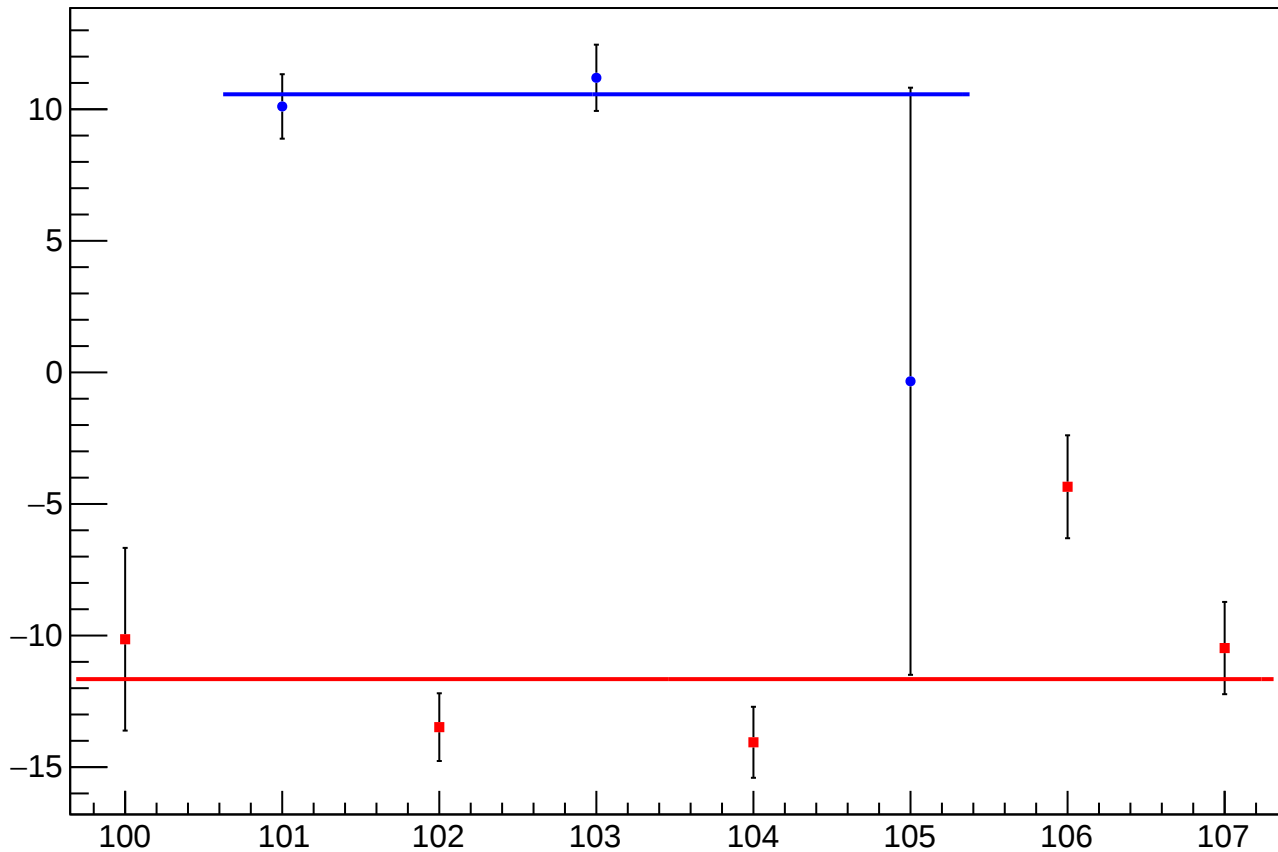
Right Out: 4200.997 $\pm$ 2.251 χ^2 /NDF: 54252.4/4

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

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

4200.997 $\pm$ 2.251 χ^2 /NDF: 54252.4/4

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

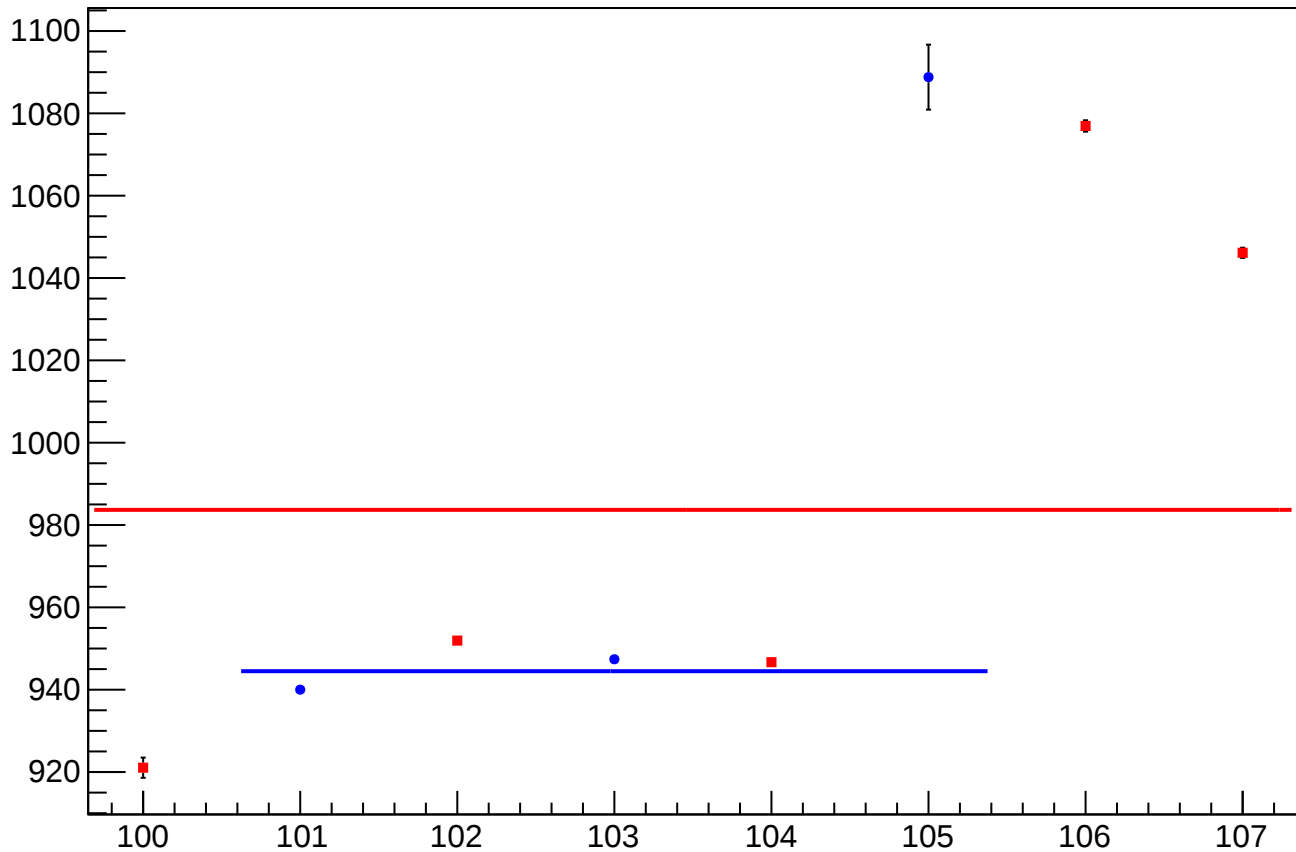
Right Out: -11.656+/-0.741 χ^2/NDF : 19.8/4

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

10.569+/-0.875 χ^2/NDF : 1.3/2

-11.656+/-0.741 χ^2/NDF : 19.8/4

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

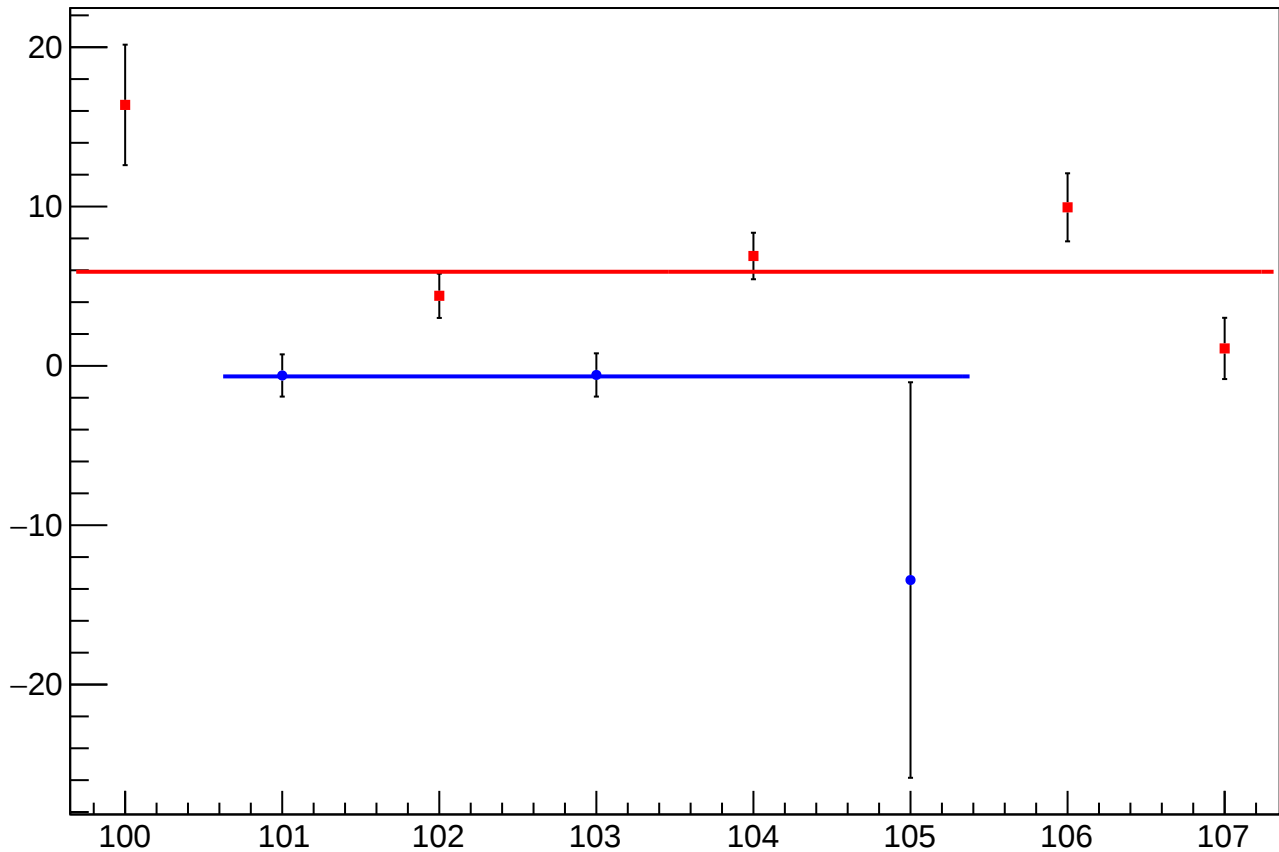
944.493+/-0.619 χ^2/NDF : 372.0/2

Right Out: 983.682+/-0.524 χ^2/NDF : 10459.1/4

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

983.682+/-0.524 χ^2/NDF : 10459.1/4

diff_bpm2i01Y_mean vs slug



Right In: -0.661+/-0.946 χ^2/NDF : 1.1/2

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

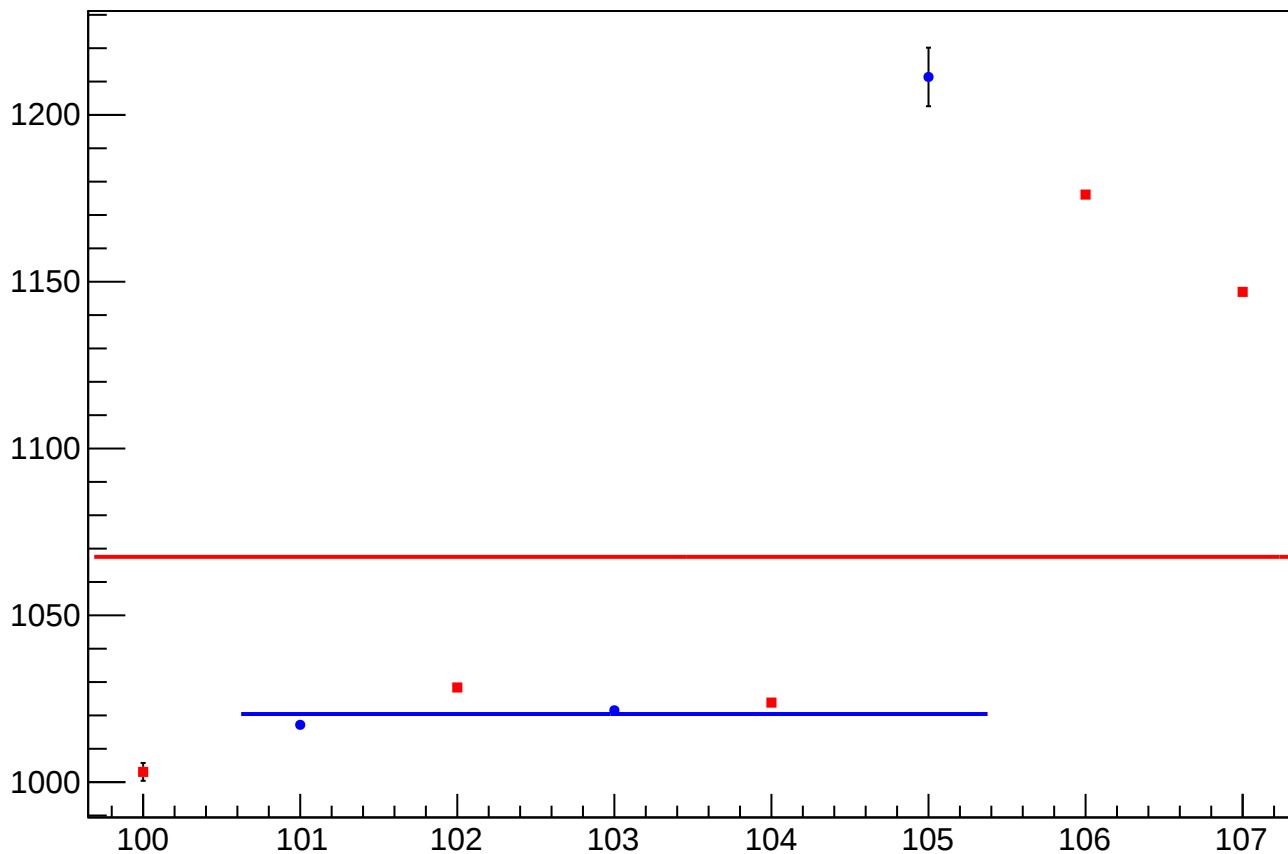
Right Out: 5.907+/-0.804 χ^2/NDF : 19.2/4

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

-0.661+/-0.946 χ^2/NDF : 1.1/2

5.907+/-0.804 χ^2/NDF : 19.2/4

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

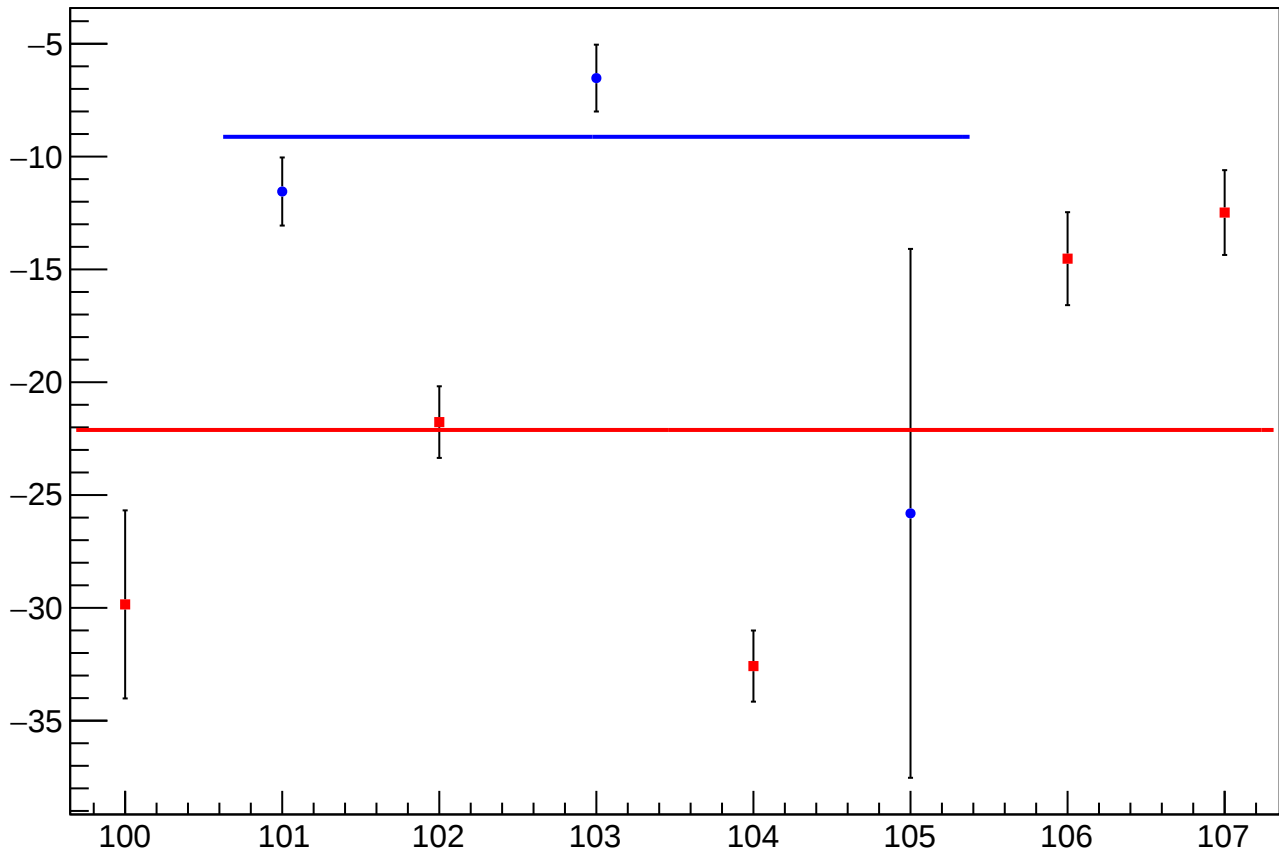
Right Out: 1067.536+/-0.568 χ^2/NDF : 12546.5/4

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

1020.422+/-0.669 χ^2/NDF : 486.7/2

1067.536+/-0.568 χ^2/NDF : 12546.5/4

diff_bpm2i02X_mean vs slug



Right In: -9.123 ± 1.053 $\chi^2/\text{NDF}: 7.7/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

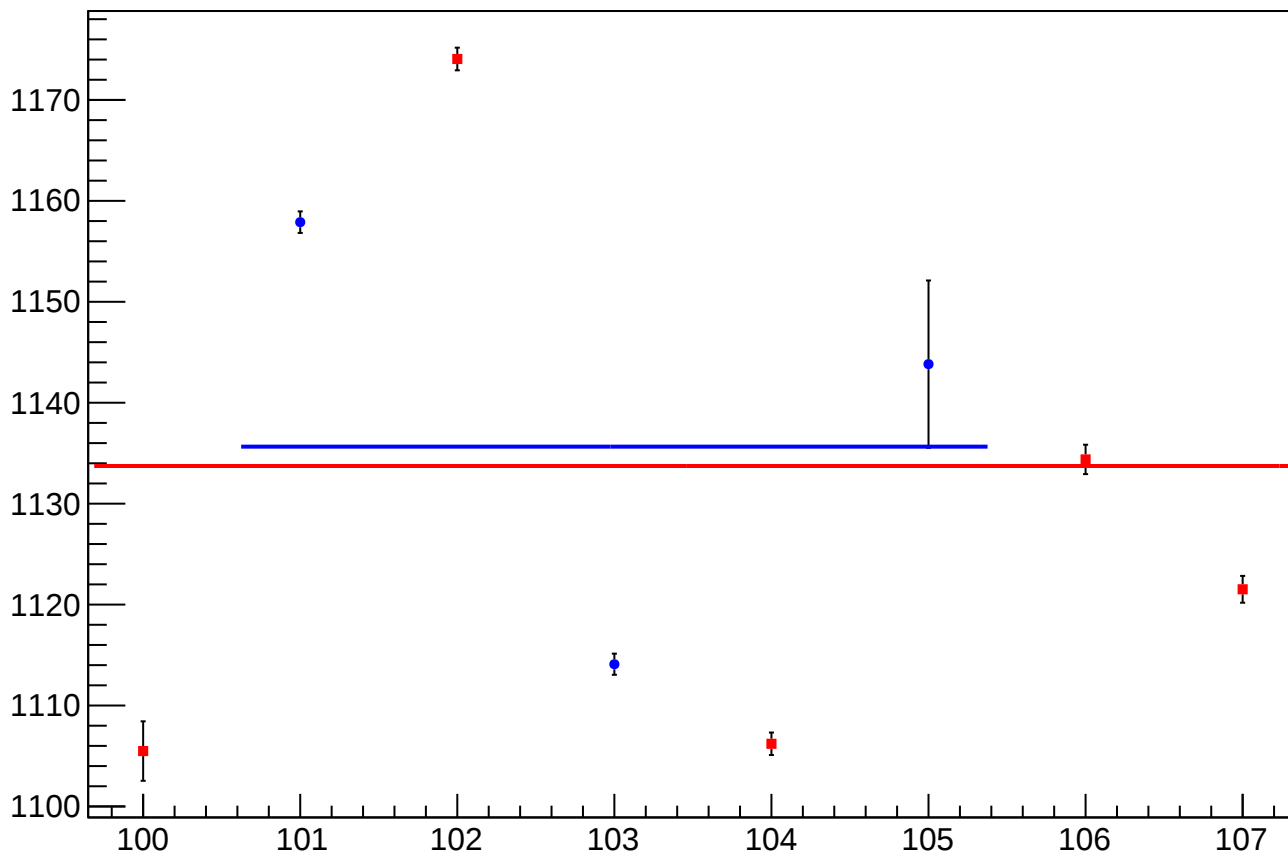
Right Out: -22.115 ± 0.853 $\chi^2/\text{NDF}: 87.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-9.123 ± 1.053 $\chi^2/\text{NDF}: 7.7/2$

-22.115 ± 0.853 $\chi^2/\text{NDF}: 87.4/4$

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

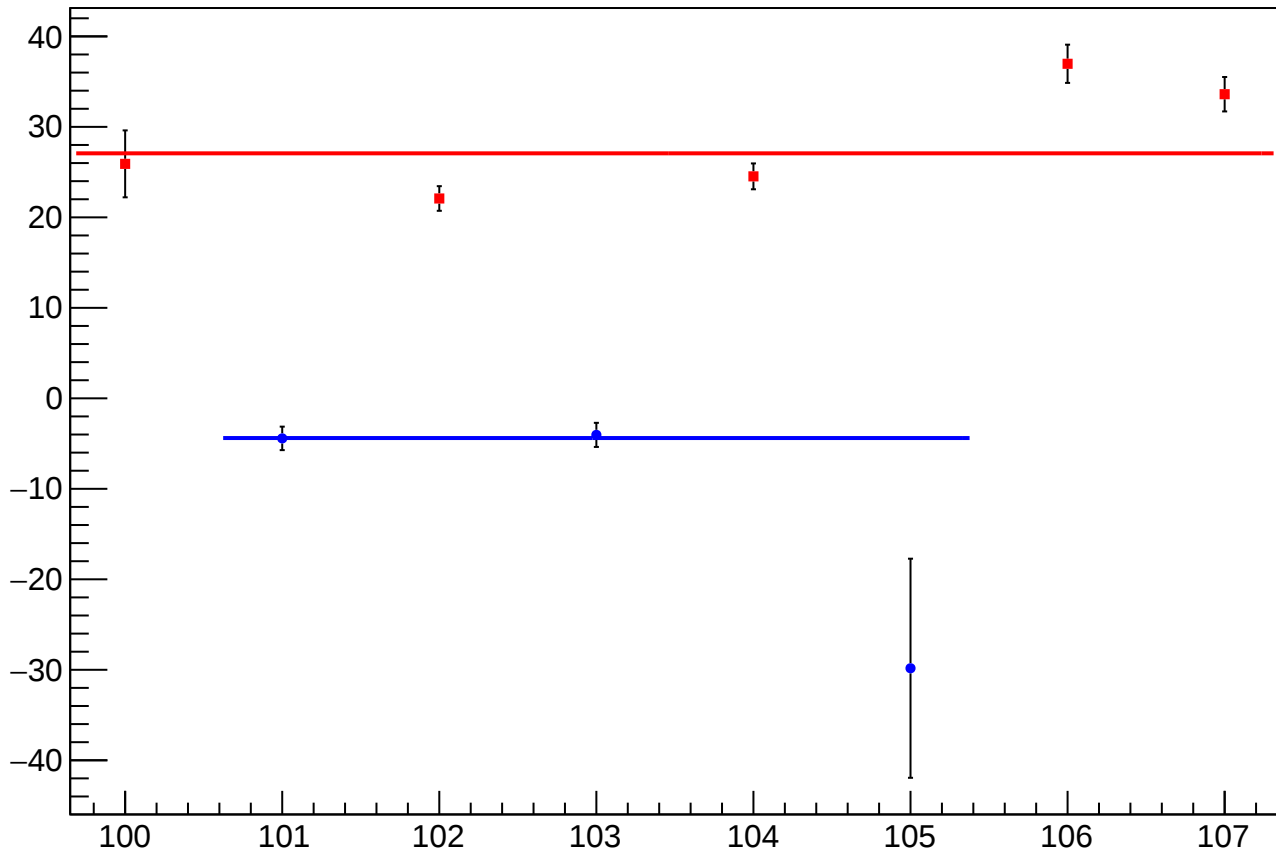
Right Out: 1133.732 $\pm$ 0.603 χ^2 /NDF: 2077.0/4

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

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

1133.732 $\pm$ 0.603 χ^2 /NDF: 2077.0/4

diff_bpm2i02Y_mean vs slug



Right In: -4.388 ± 0.927 $\chi^2/\text{NDF}: 4.5/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

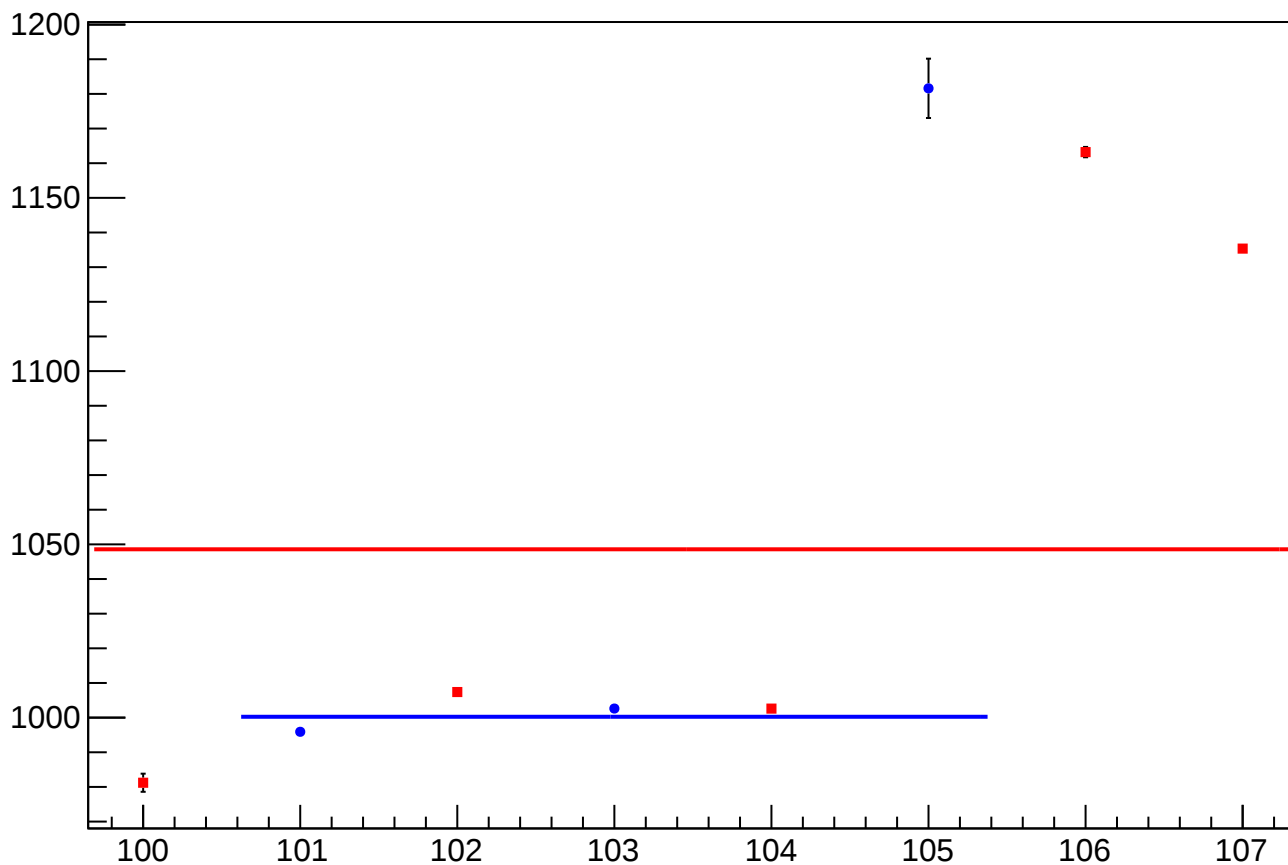
Right Out: 27.076 ± 0.790 $\chi^2/\text{NDF}: 50.4/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-4.388 ± 0.927 $\chi^2/\text{NDF}: 4.5/2$

27.076 ± 0.790 $\chi^2/\text{NDF}: 50.4/4$

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

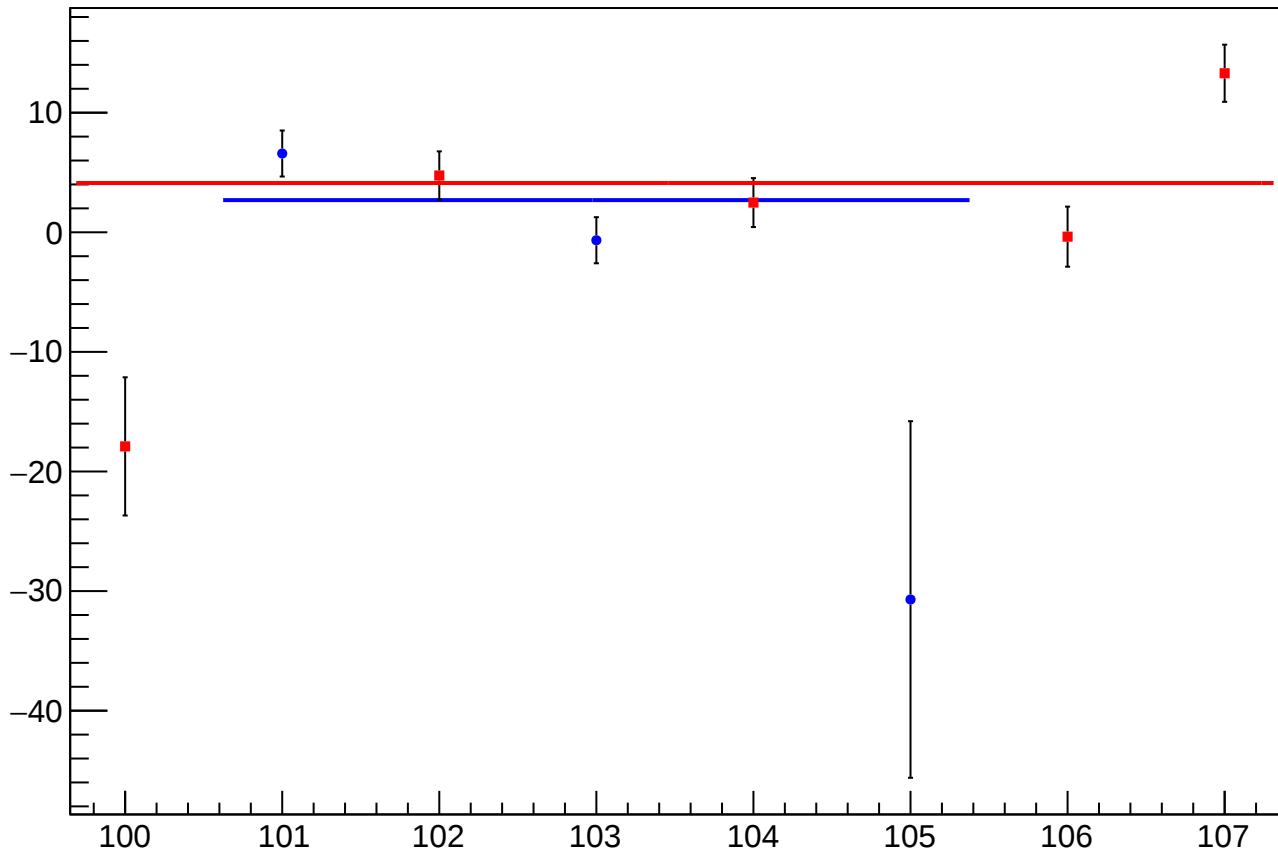
Right Out: 1048.578 $\pm$ 0.559 χ^2 /NDF: 14616.2/4

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

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

1048.578 $\pm$ 0.559 χ^2 /NDF: 14616.2/4

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

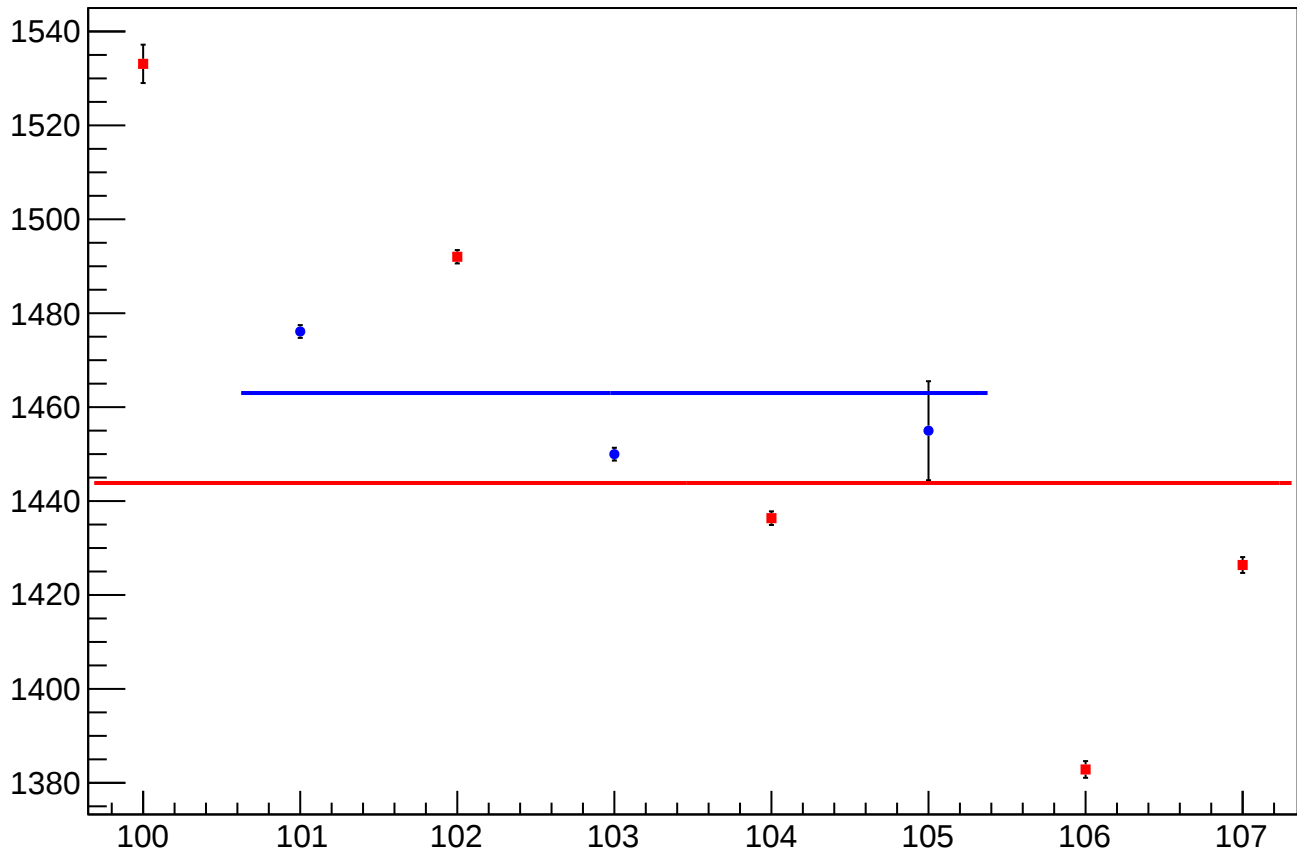
Right Out: 4.120+/-1.086 χ^2/NDF : 33.2/4

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

2.690+/-1.356 χ^2/NDF : 12.2/2

4.120+/-1.086 χ^2/NDF : 33.2/4

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

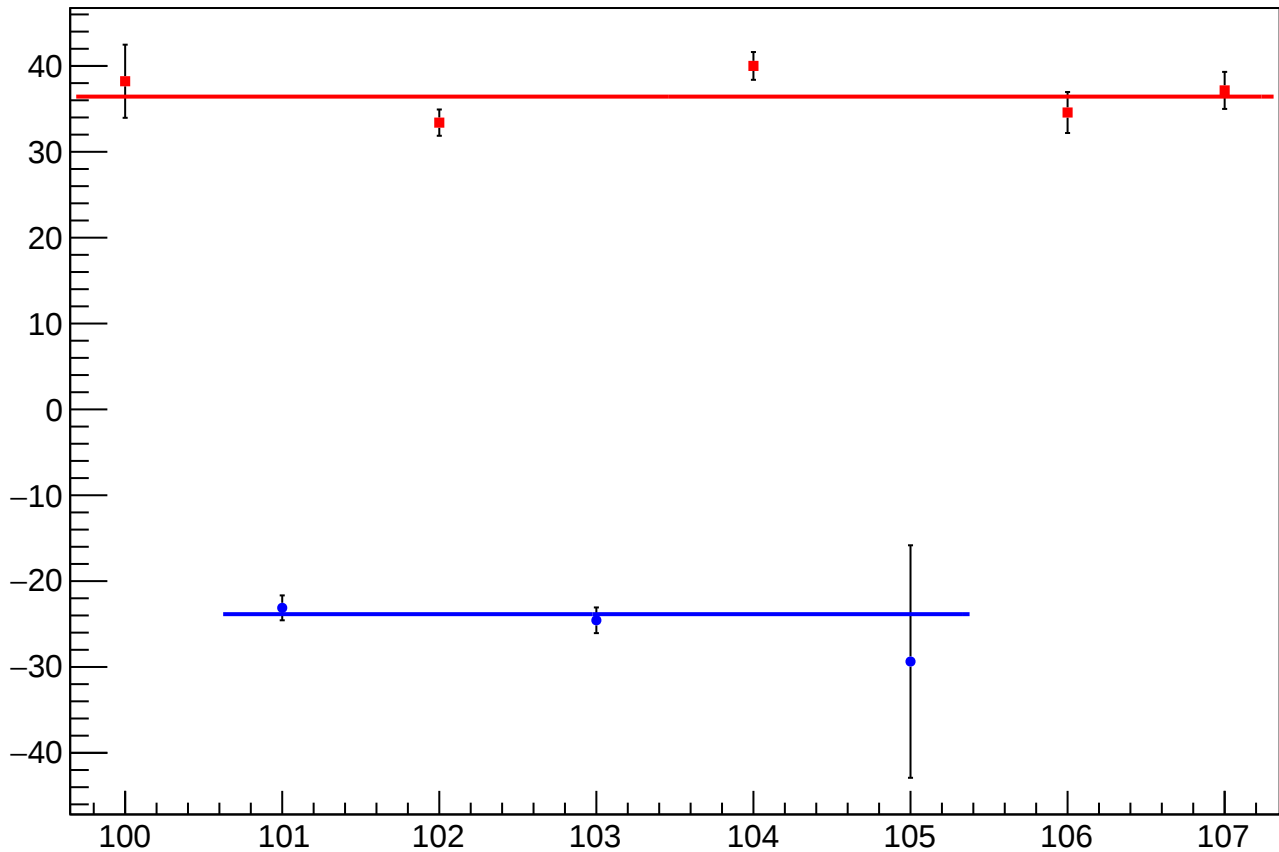
Right Out: 1443.850 $\pm$ 0.768 χ^2 /NDF: 2932.0/4

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

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

1443.850 $\pm$ 0.768 χ^2 /NDF: 2932.0/4

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

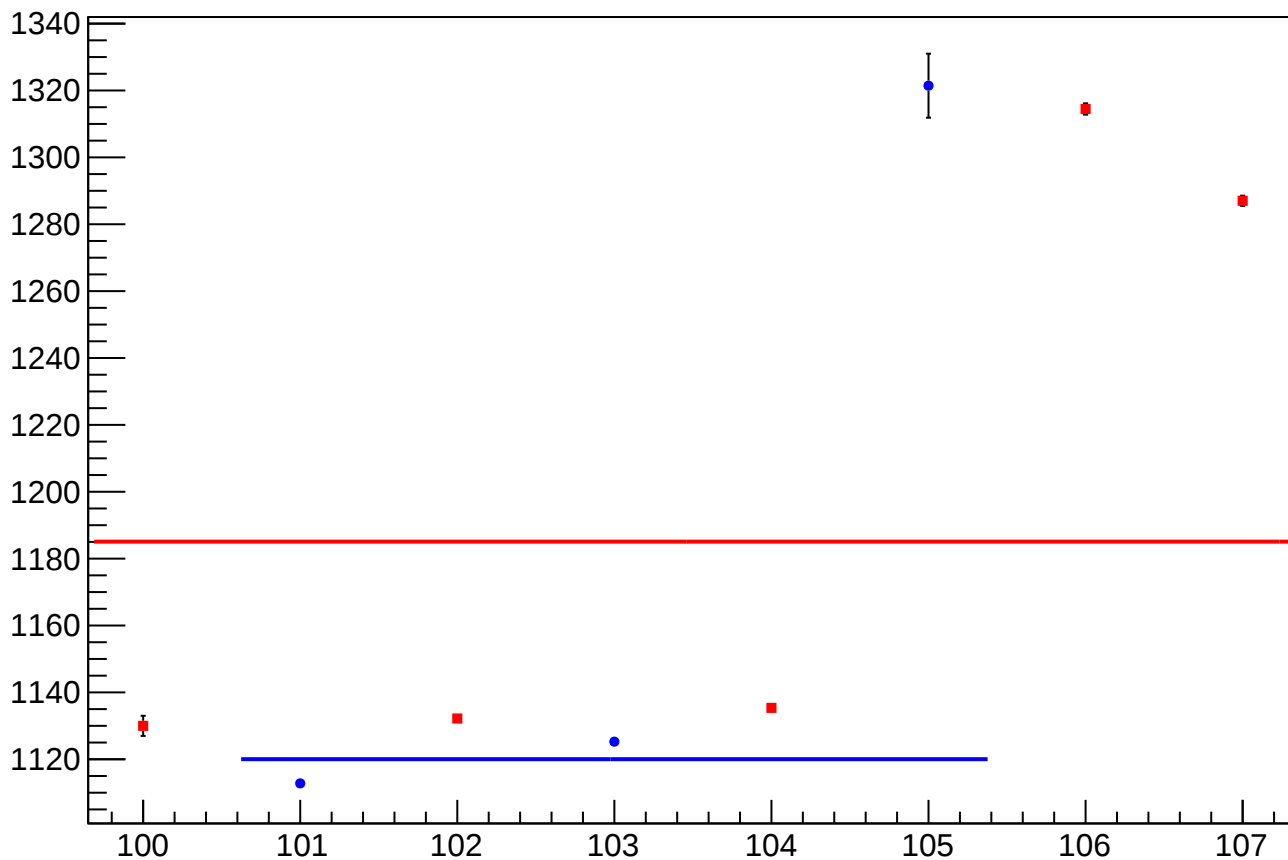
Right Out: 36.430 $\pm$ 0.893 χ^2 /NDF: 9.7/4

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

-23.848 $\pm$ 1.038 χ^2 /NDF: 0.7/2

36.430 $\pm$ 0.893 χ^2 /NDF: 9.7/4

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

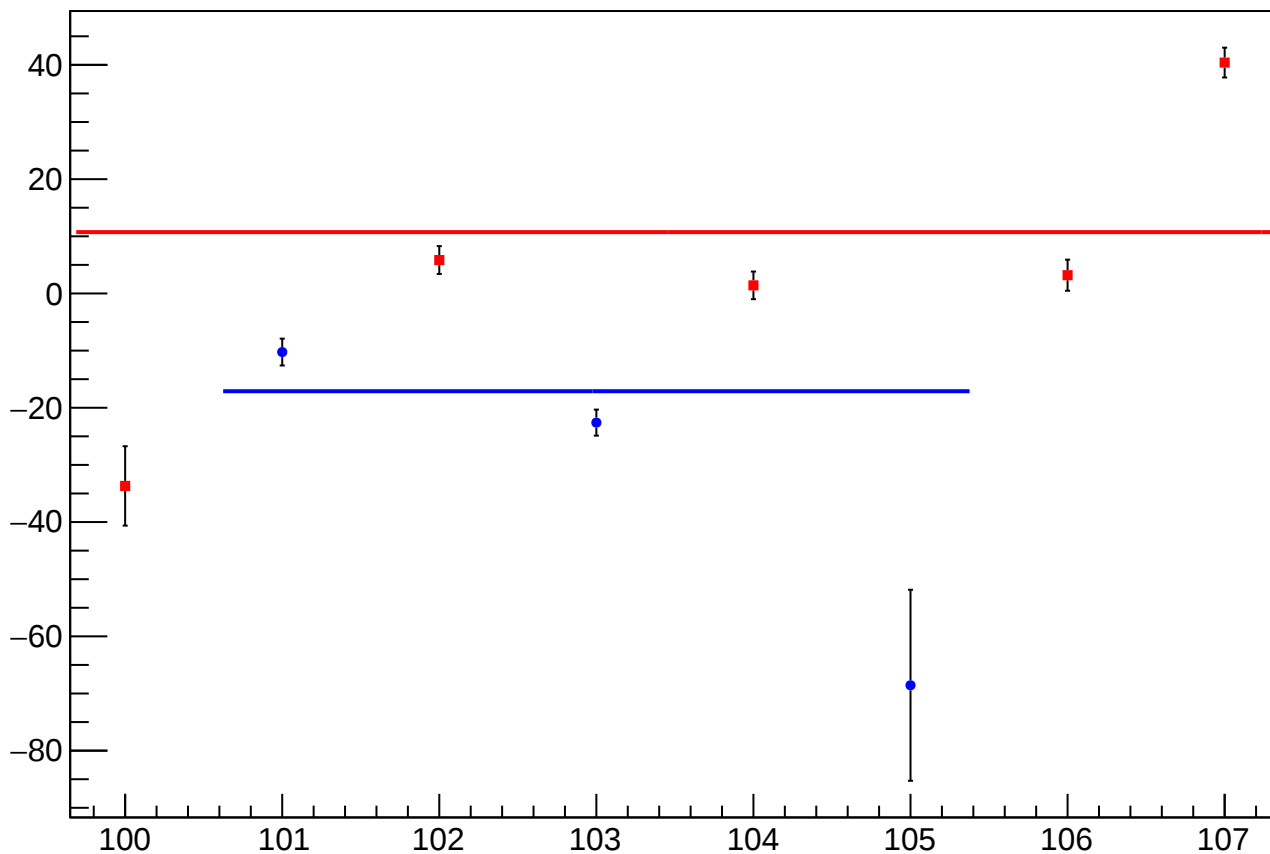
Right Out: 1185.086 $\pm$ 0.631 χ^2 /NDF: 14955.5/4

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

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

1185.086 $\pm$ 0.631 χ^2 /NDF: 14955.5/4

diff_bpm0i02aX_mean vs slug



Right In: -17.108 ± 1.627 $\chi^2/\text{NDF}: 23.8/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

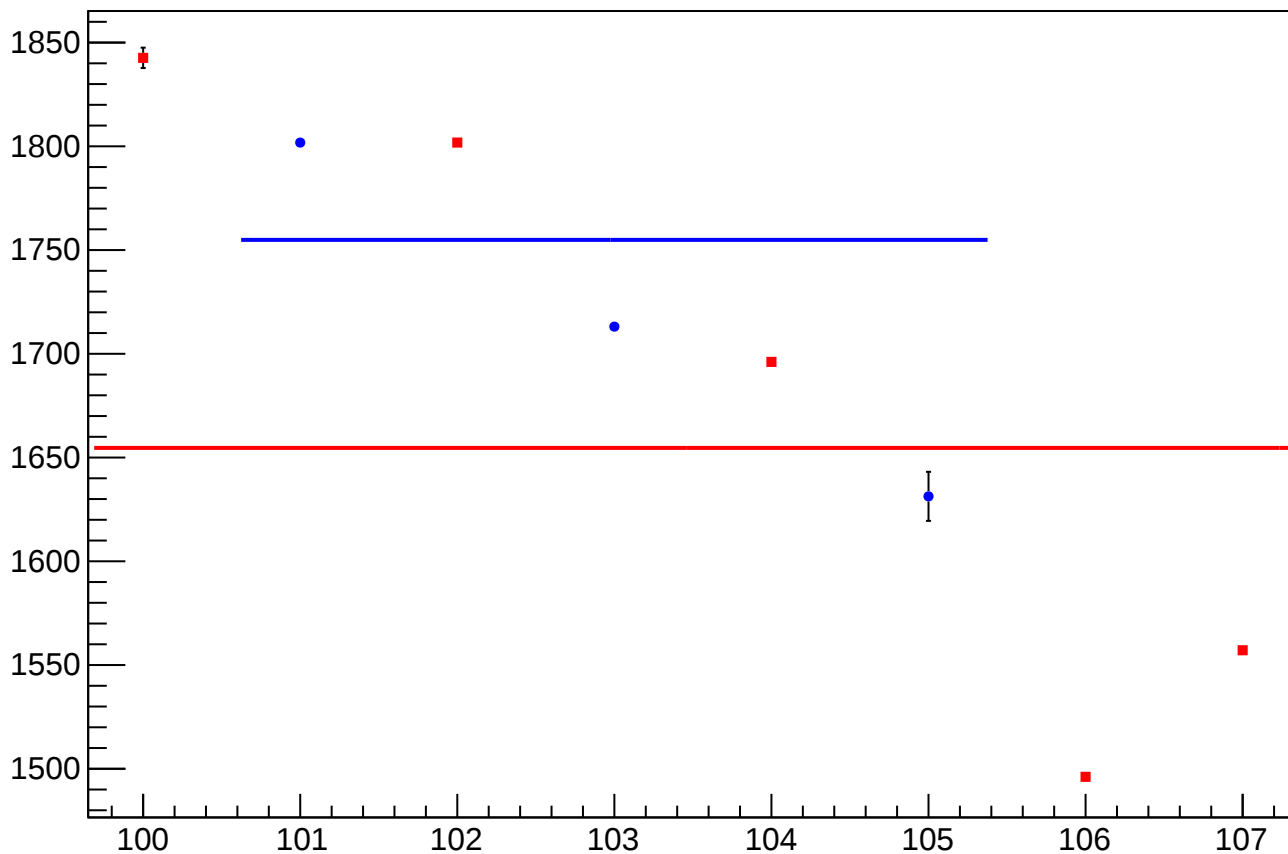
Right Out: 10.734 ± 1.247 $\chi^2/\text{NDF}: 196.8/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

-17.108 ± 1.627 $\chi^2/\text{NDF}: 23.8/2$

10.734 ± 1.247 $\chi^2/\text{NDF}: 196.8/4$

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

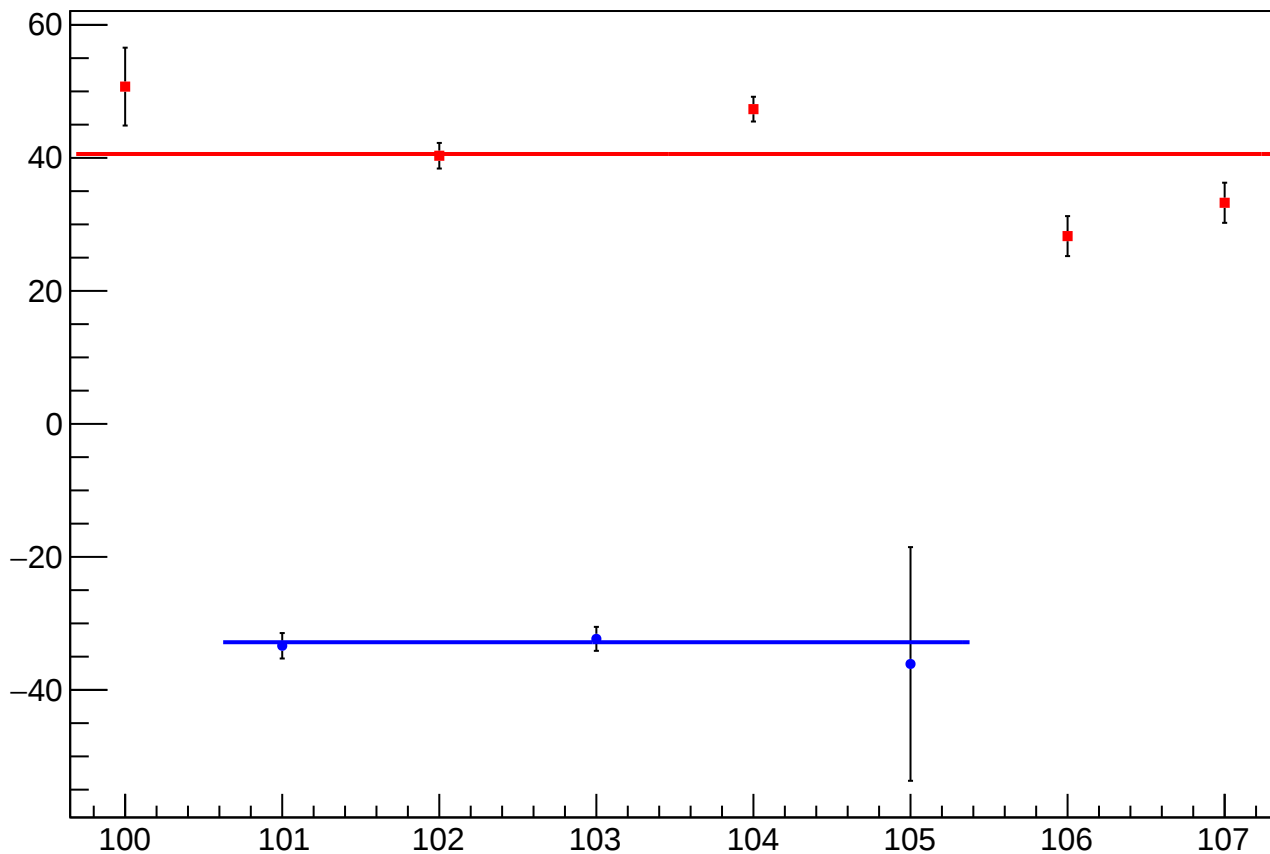
Right Out: 1654.651 $\pm$ 0.882 χ^2 /NDF: 18949.8/4

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

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

1654.651 $\pm$ 0.882 χ^2 /NDF: 18949.8/4

diff_bpm0i02aY_mean vs slug



Right In: -32.831 $\pm$ 1.308 χ^2 /NDF: 0.2/2

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

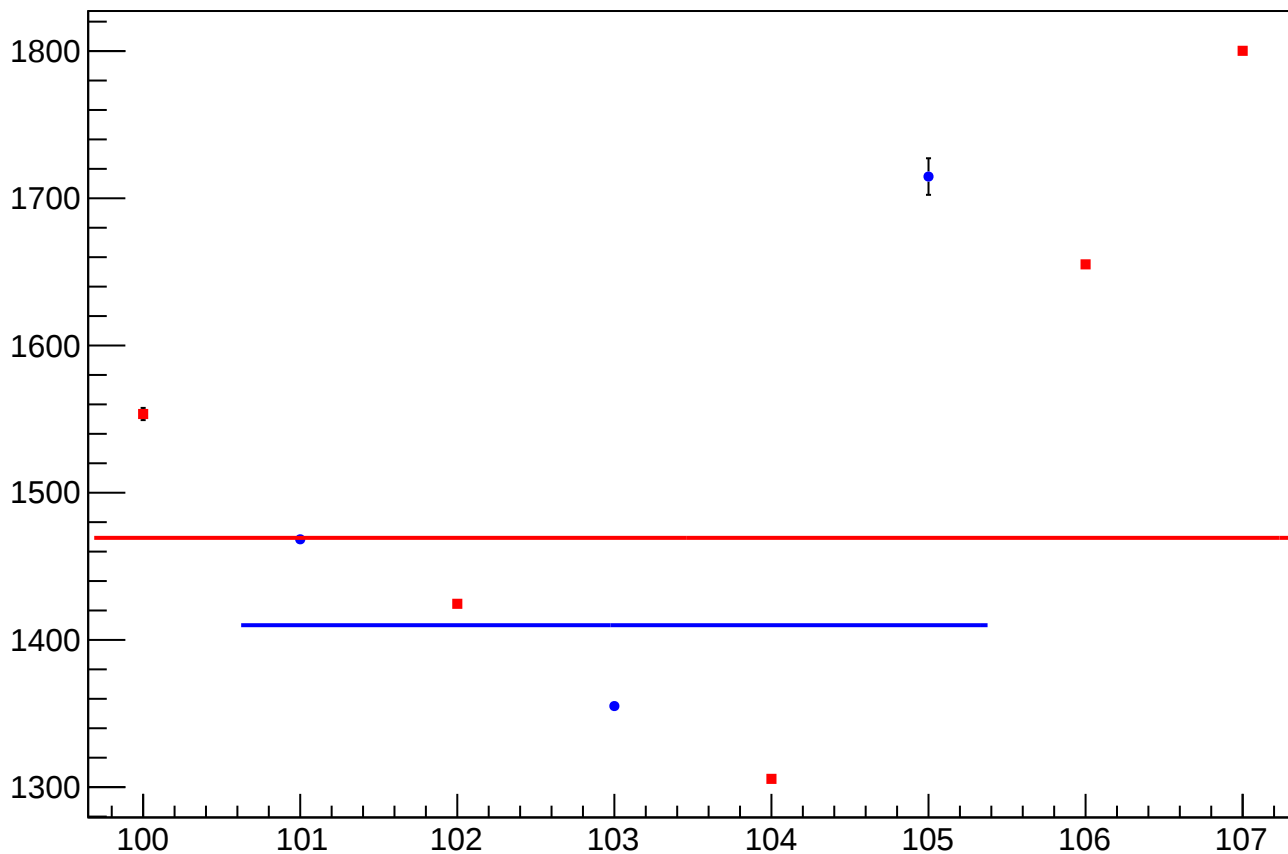
Right Out: 40.588 $\pm$ 1.113 χ^2 /NDF: 38.9/4

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

-32.831 $\pm$ 1.308 χ^2 /NDF: 0.2/2

40.588 $\pm$ 1.113 χ^2 /NDF: 38.9/4

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

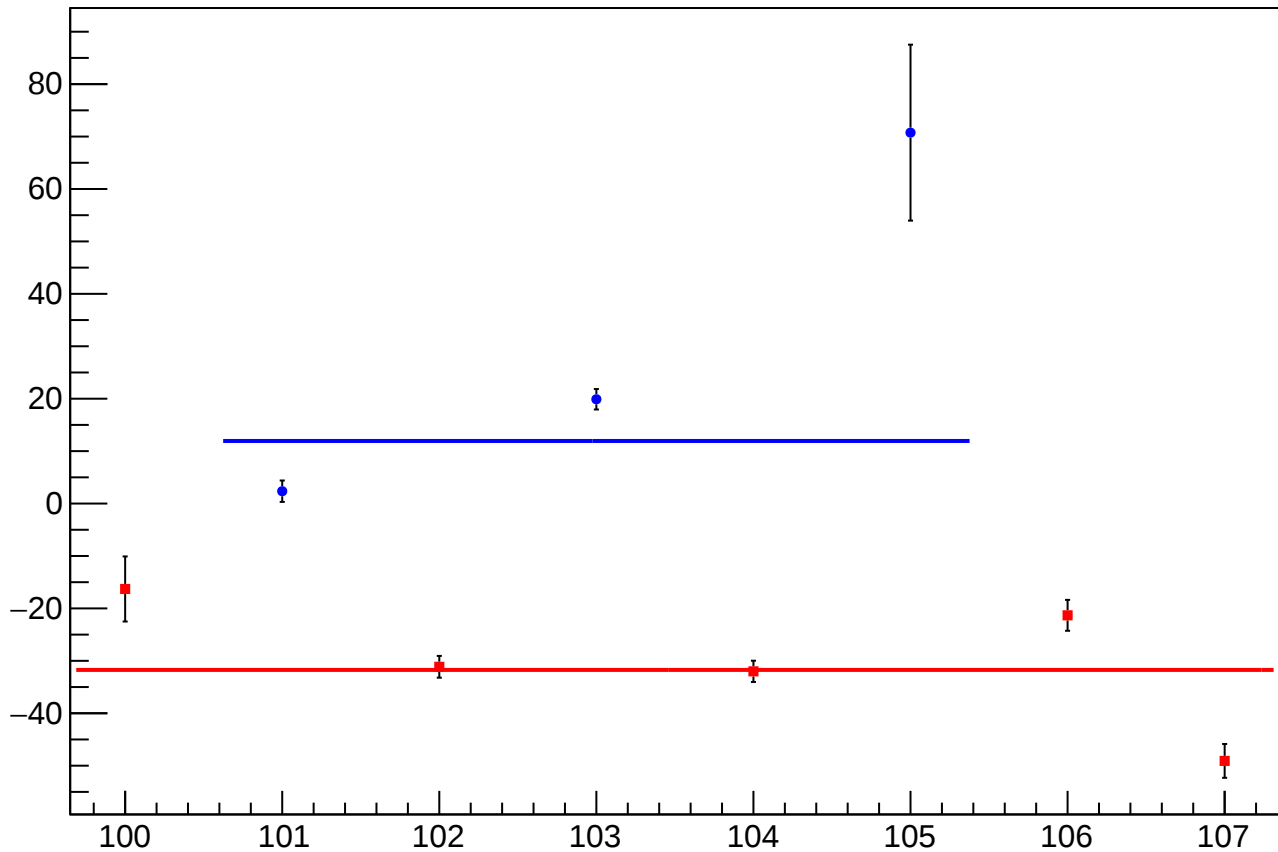
Right Out: 1469.339 $\pm$ 0.787 χ^2 /NDF: 48647.5/4

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

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

1469.339 $\pm$ 0.787 χ^2 /NDF: 48647.5/4

diff_bpm0i05X_mean vs slug



Right In: 11.937 $\pm$ 1.406 χ^2 /NDF: 50.9/2

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

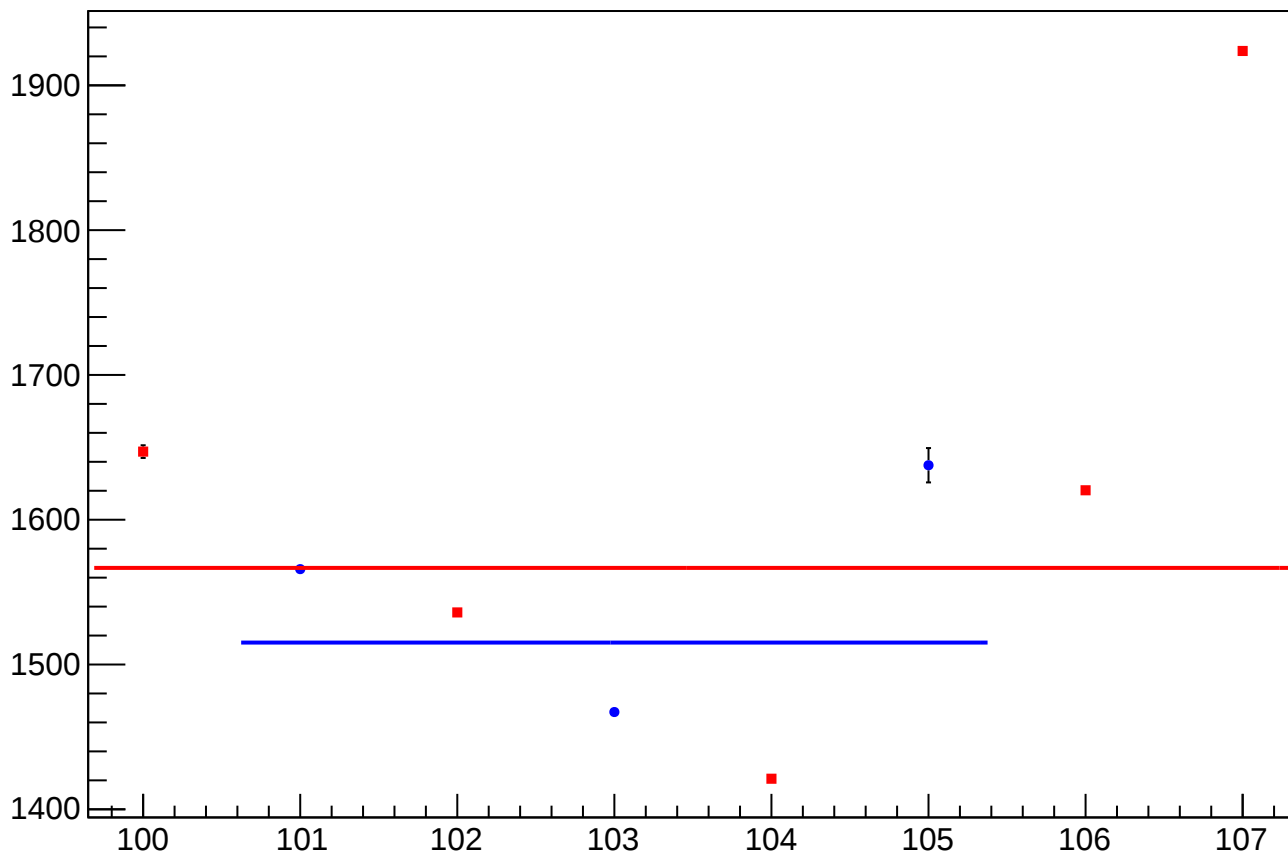
Right Out: -31.730 $\pm$ 1.184 χ^2 /NDF: 47.7/4

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

11.937 $\pm$ 1.406 χ^2 /NDF: 50.9/2

-31.730 $\pm$ 1.184 χ^2 /NDF: 47.7/4

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

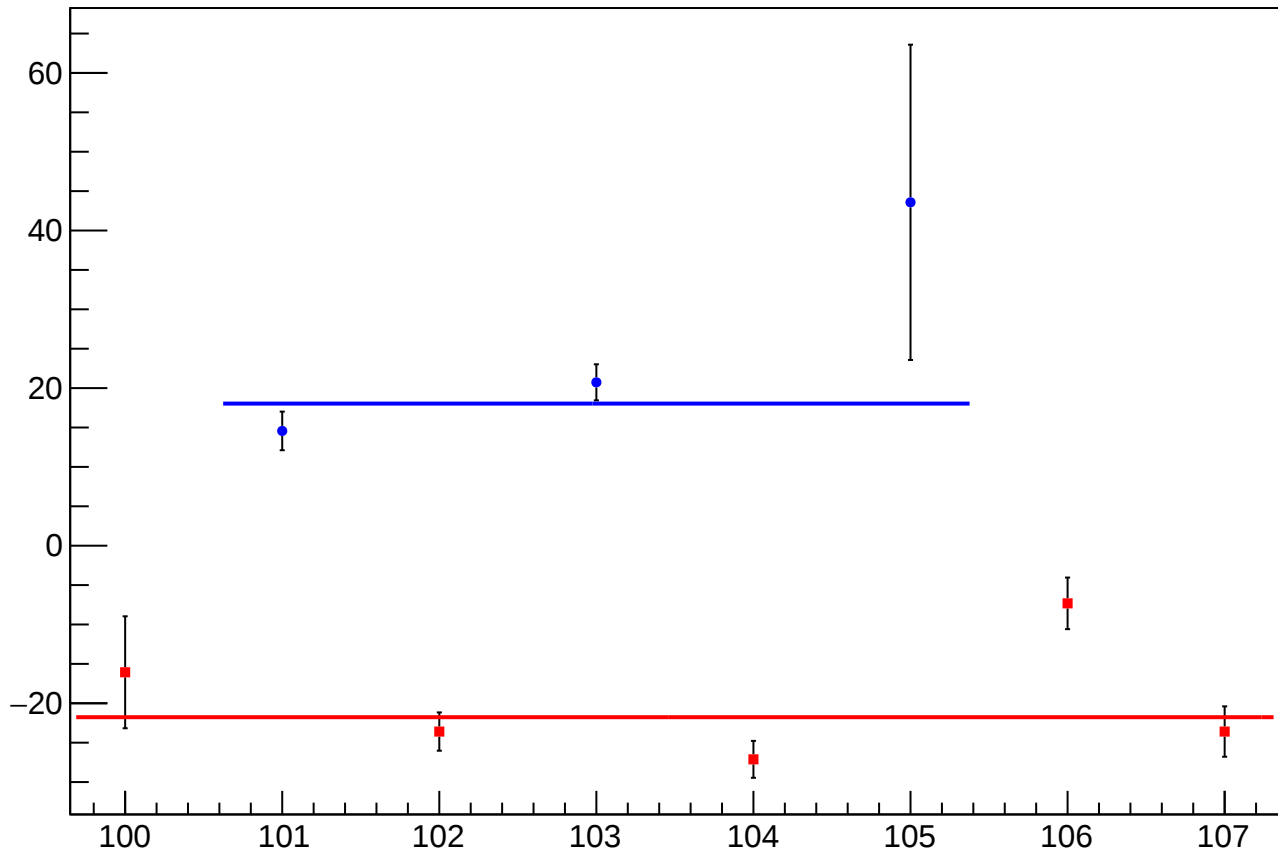
Right Out: 1566.728 $\pm$ 0.838 χ^2 /NDF: 36295.8/4

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

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

1566.728 $\pm$ 0.838 χ^2 /NDF: 36295.8/4

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

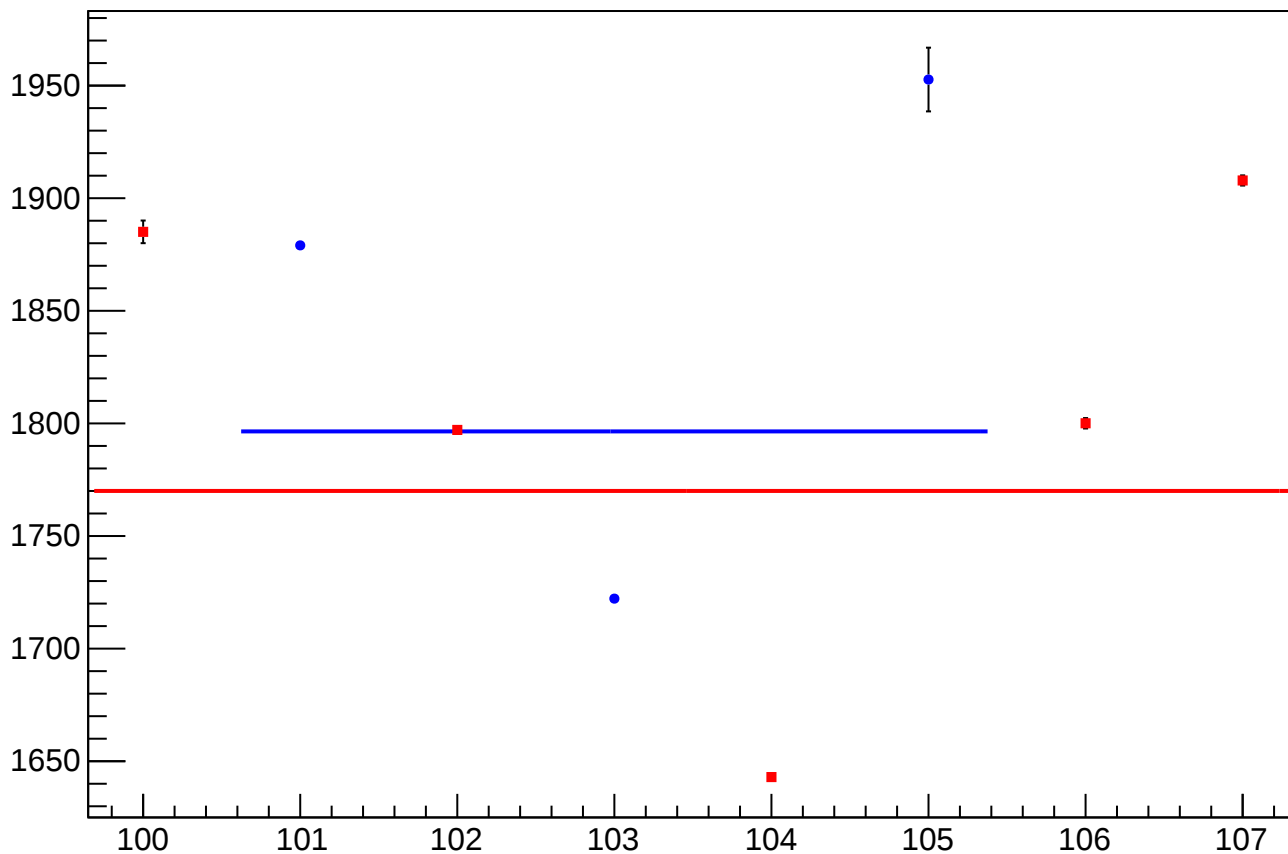
Right Out: -21.768+/-1.333 χ^2 /NDF: 26.2/4

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

18.035+/-1.667 χ^2 /NDF: 5.0/2

-21.768+/-1.333 χ^2 /NDF: 26.2/4

diff_bpm0i05Y_rms vs slug



Right In: 1796.453+/-1.179 χ^2/NDF : 4498.0/2

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

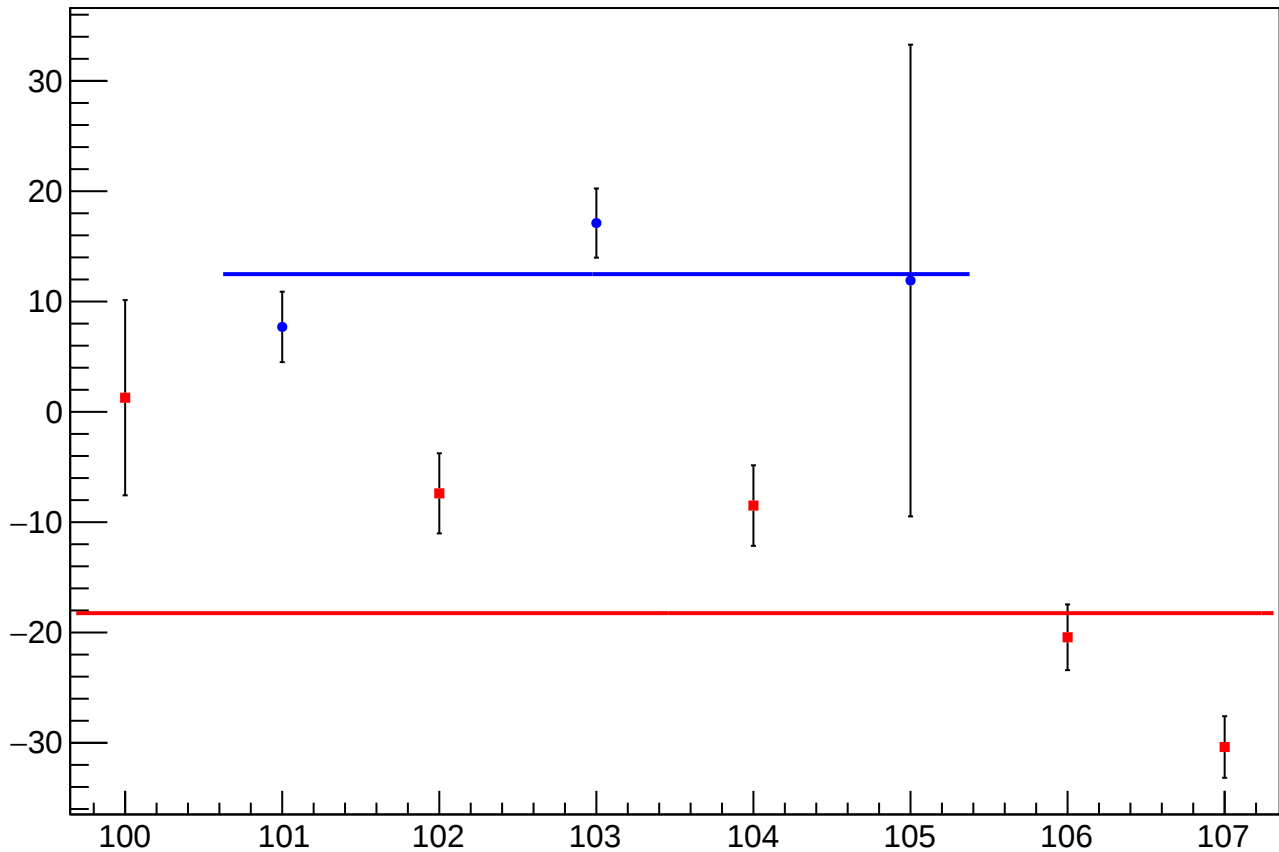
Right Out: 1770.016+/-0.943 χ^2/NDF : 10546.1/4

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

1796.453+/-1.179 χ^2/NDF : 4498.0/2

1770.016+/-0.943 χ^2/NDF : 10546.1/4

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

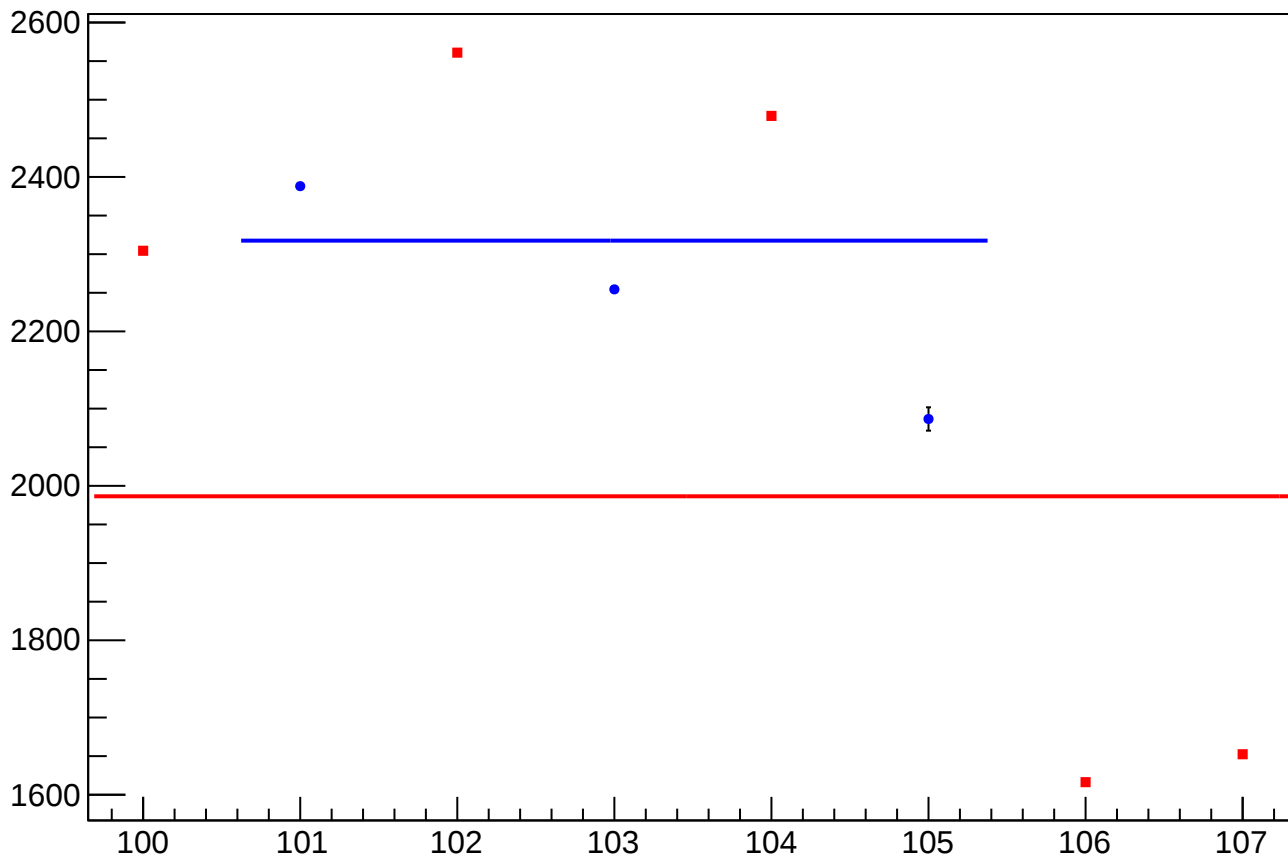
Right Out: -18.245 $\pm$ 1.572 χ^2 /NDF: 40.4/4

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

12.485 $\pm$ 2.225 χ^2 /NDF: 4.4/2

-18.245 $\pm$ 1.572 χ^2 /NDF: 40.4/4

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

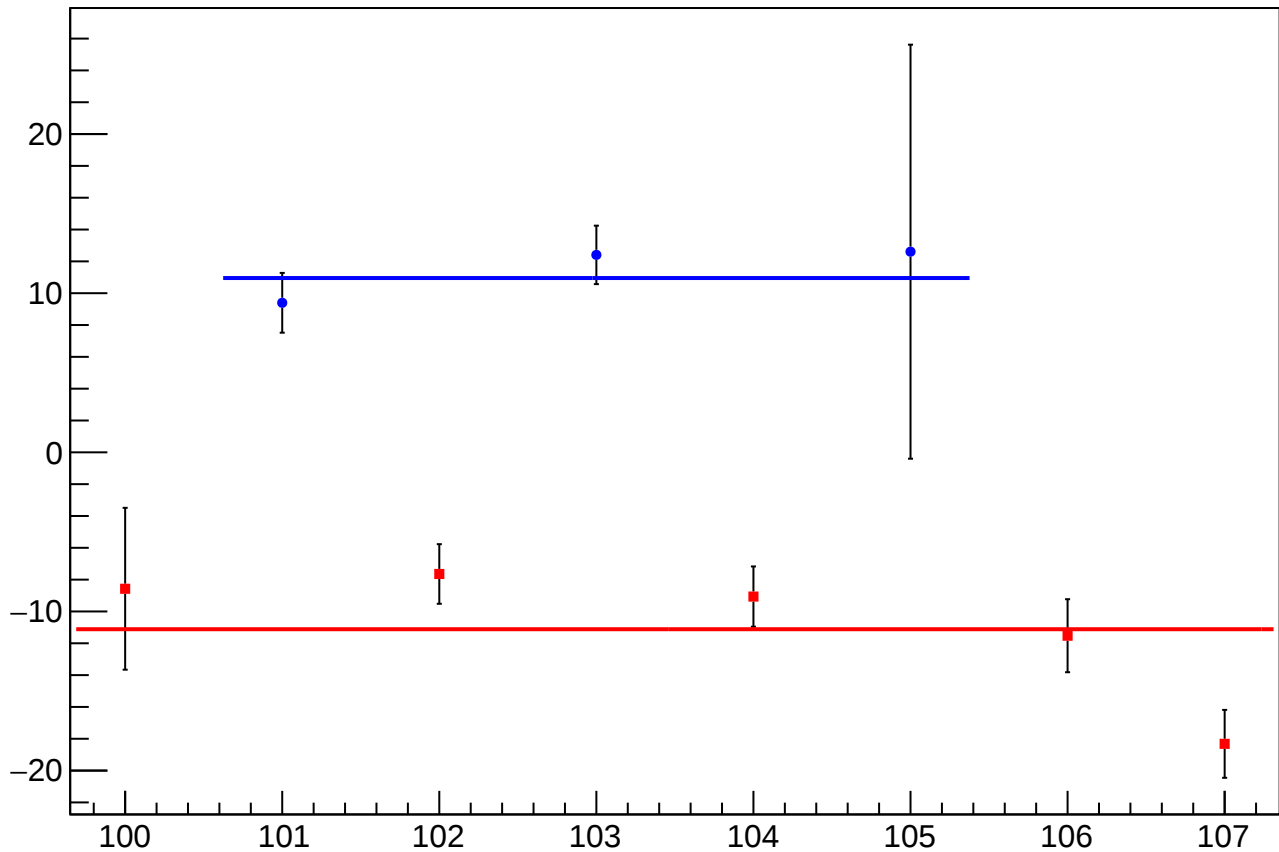
Right Out: 1986.483+/-1.112 χ^2/NDF : 148546.0/4

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

2317.530+/-1.574 χ^2/NDF : 2019.3/2

1986.483+/-1.112 χ^2/NDF : 148546.0/4

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

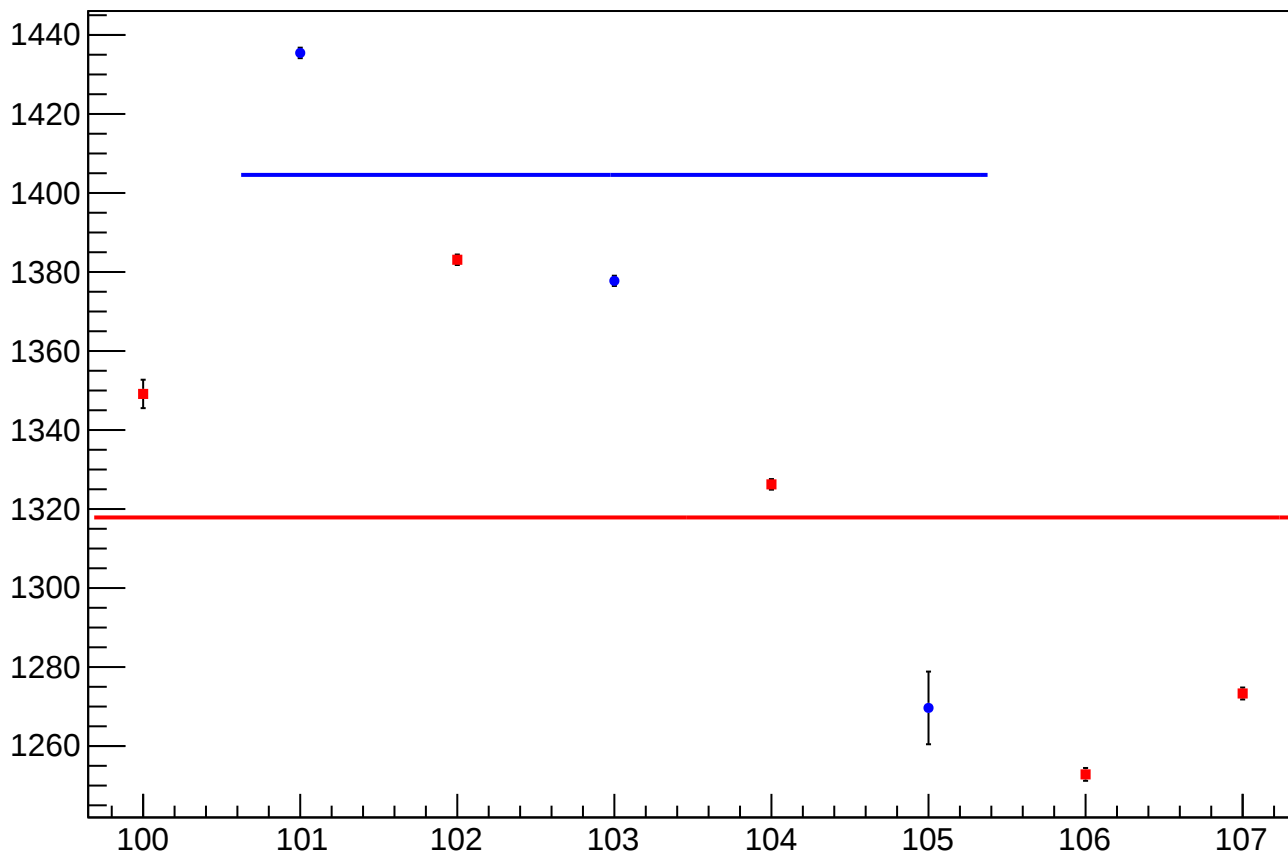
10.953+/-1.307 χ^2 /NDF: 1.3/2

Right Out: -11.116+/-0.994 χ^2 /NDF: 16.3/4

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

-11.116+/-0.994 χ^2 /NDF: 16.3/4

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

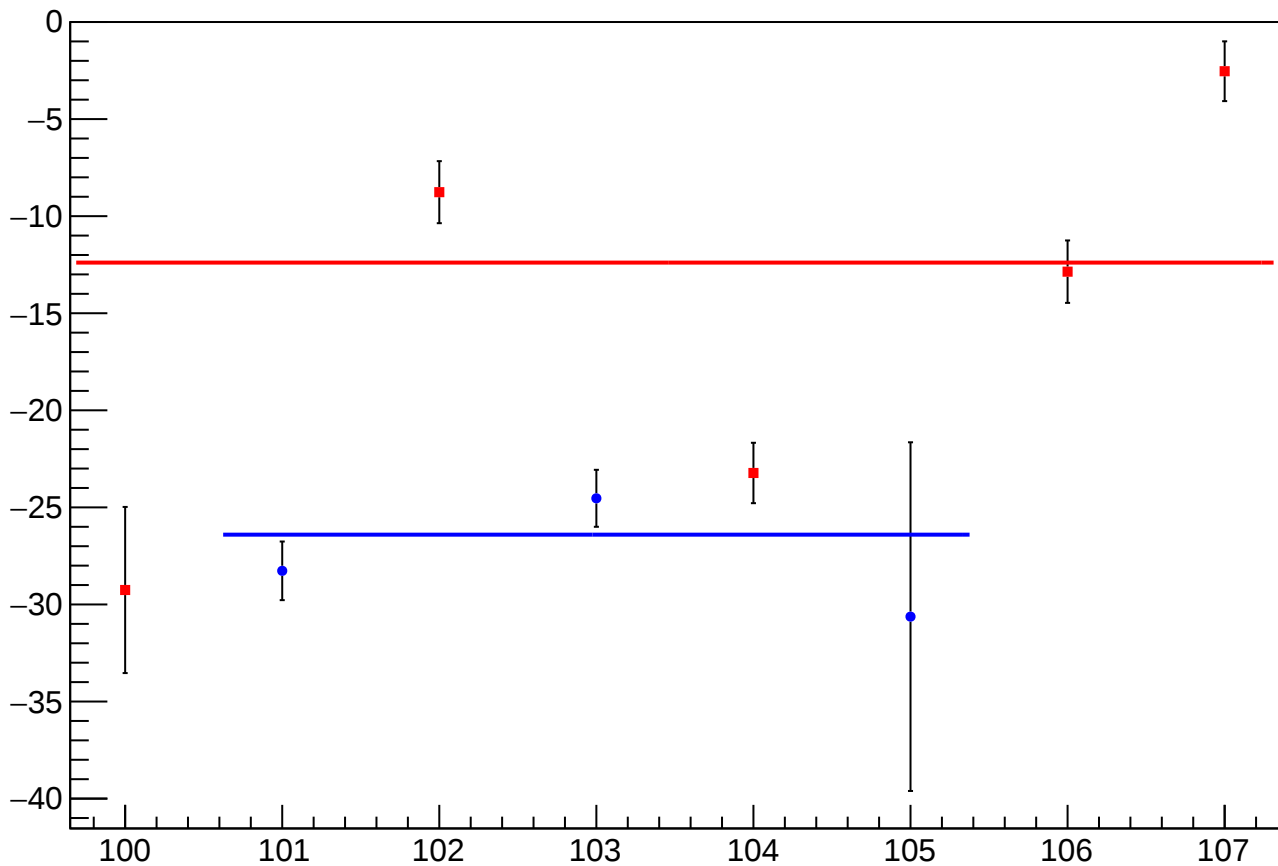
Right Out: 1317.867 $\pm$ 0.703 χ^2 /NDF: 5019.5/4

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

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

1317.867 $\pm$ 0.703 χ^2 /NDF: 5019.5/4

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

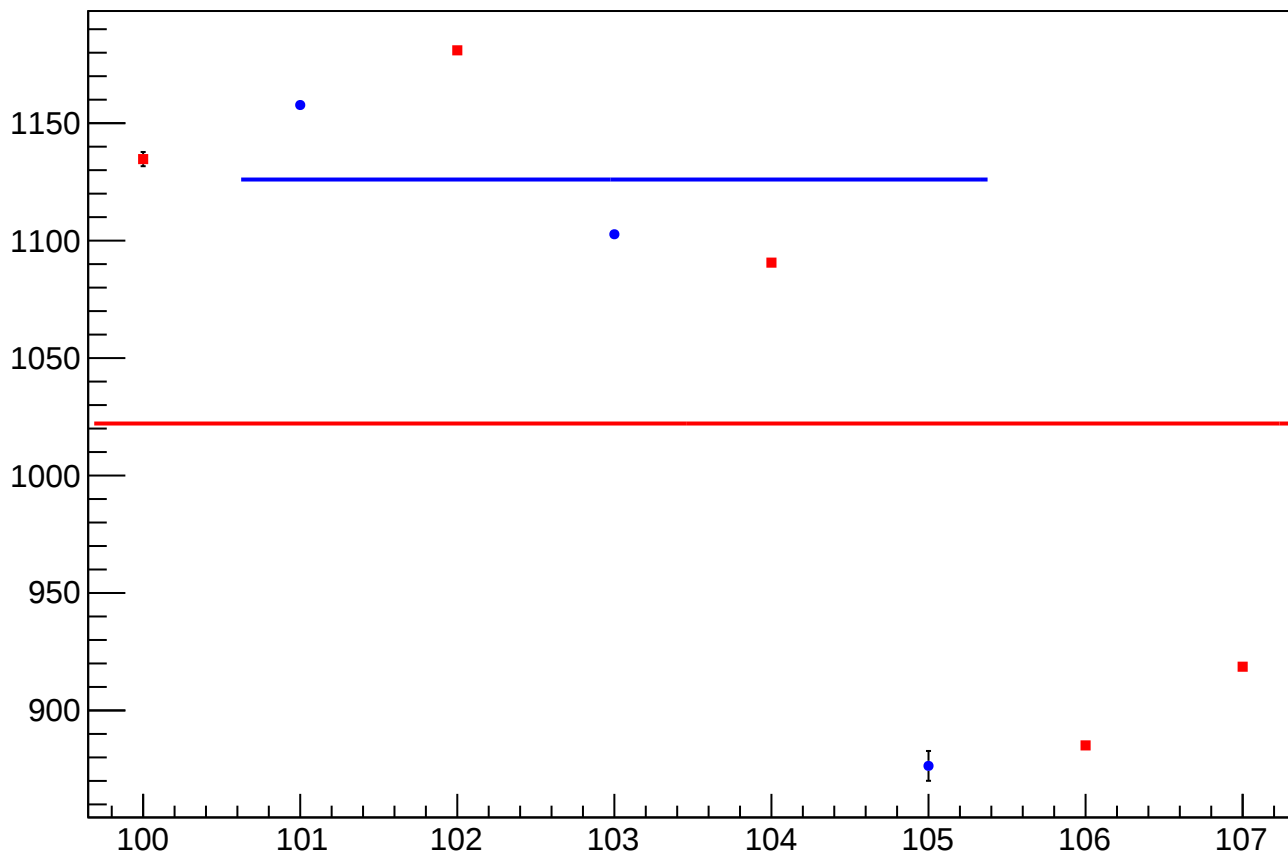
-26.405 $\pm$ 1.045 χ^2 /NDF: 3.4/2

Right Out: -12.392 $\pm$ 0.774 χ^2 /NDF: 110.3/4

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

-12.392 $\pm$ 0.774 χ^2 /NDF: 110.3/4

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

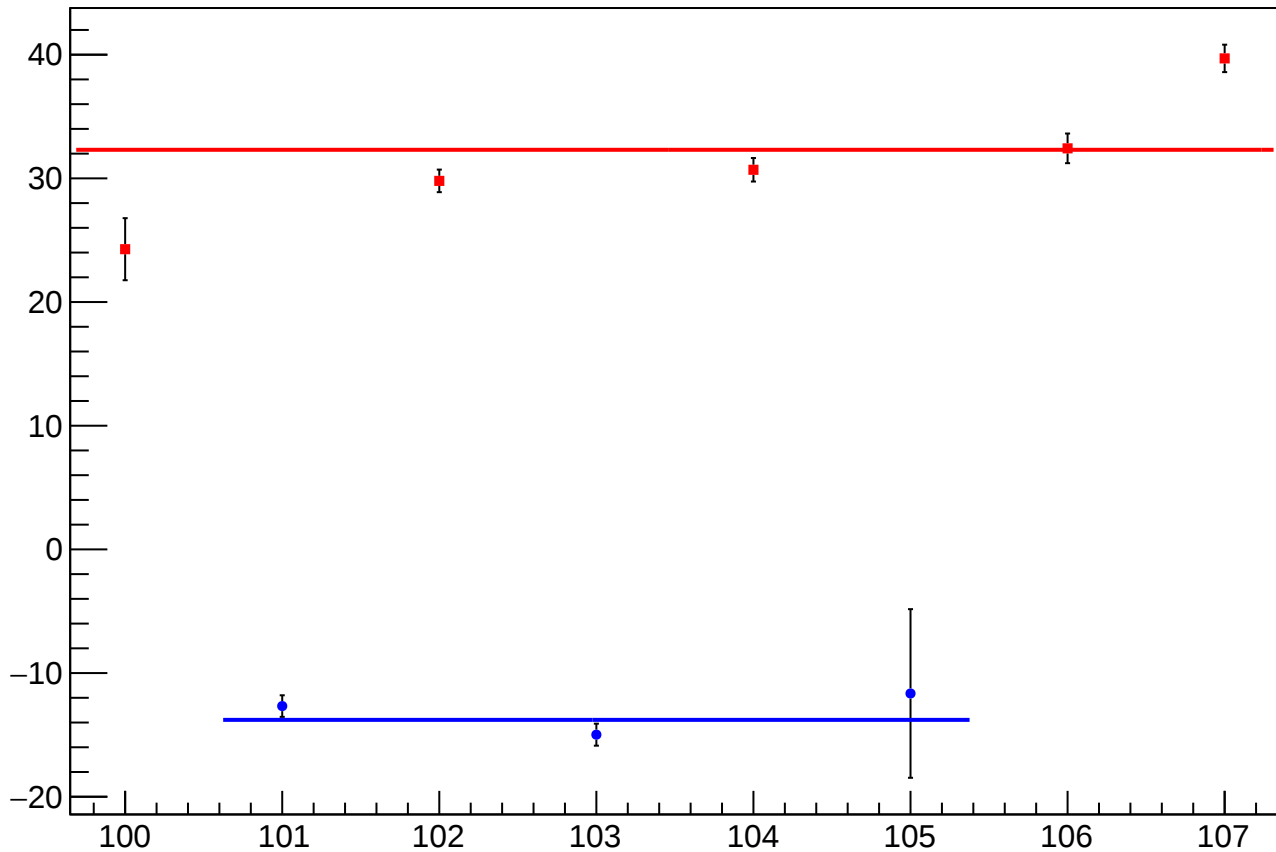
Right Out: 1022.145 $\pm$ 0.547 χ^2 /NDF: 48603.4/4

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

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

1022.145 $\pm$ 0.547 χ^2 /NDF: 48603.4/4

diff_bpm1i02Y_mean vs slug



Right In: -13.784 ± 0.621 χ^2/NDF : 3.5/2

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

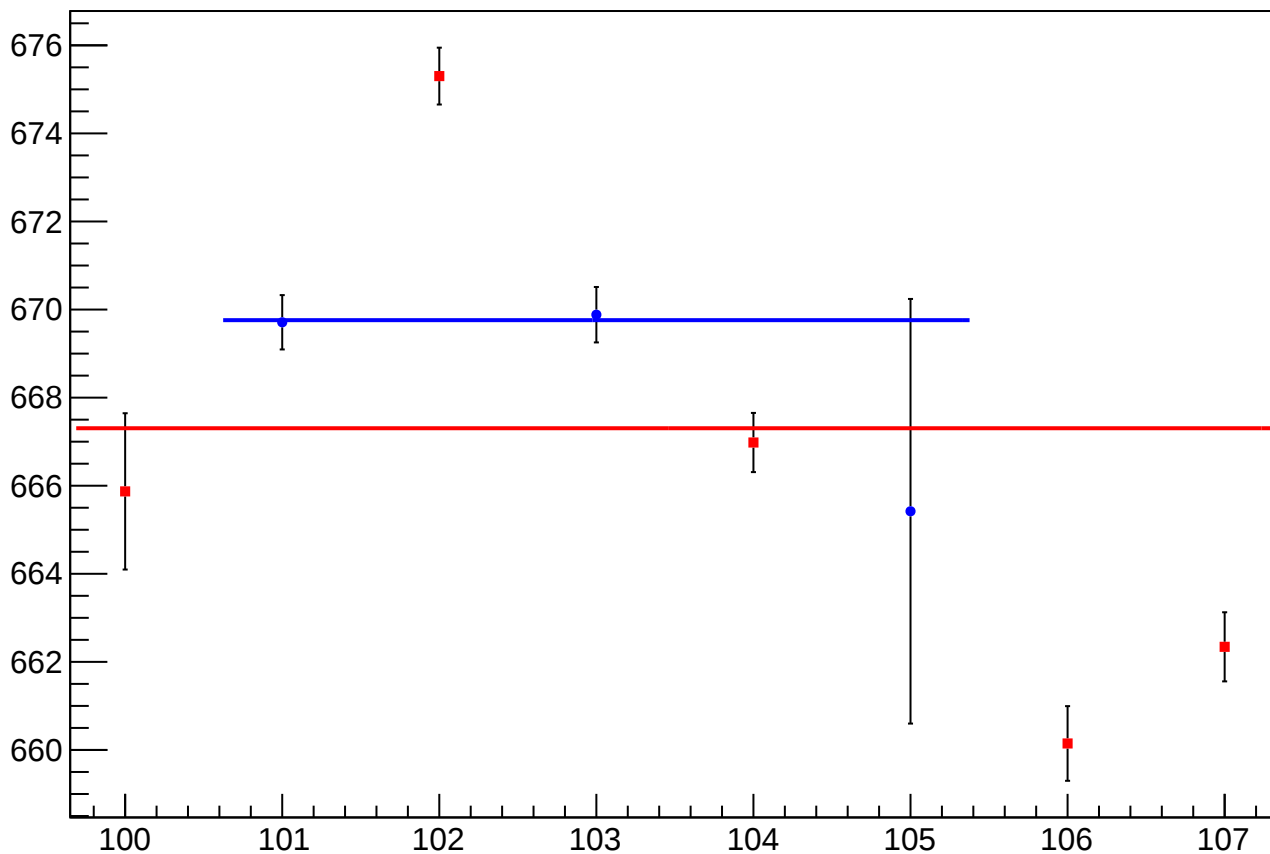
Right Out: 32.310 ± 0.502 χ^2/NDF : 65.1/4

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

-13.784 ± 0.621 χ^2/NDF : 3.5/2

32.310 ± 0.502 χ^2/NDF : 65.1/4

diff_bpm1i02Y_rms vs slug



Right In: 669.759+/-0.439 χ^2/NDF : 0.9/2

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

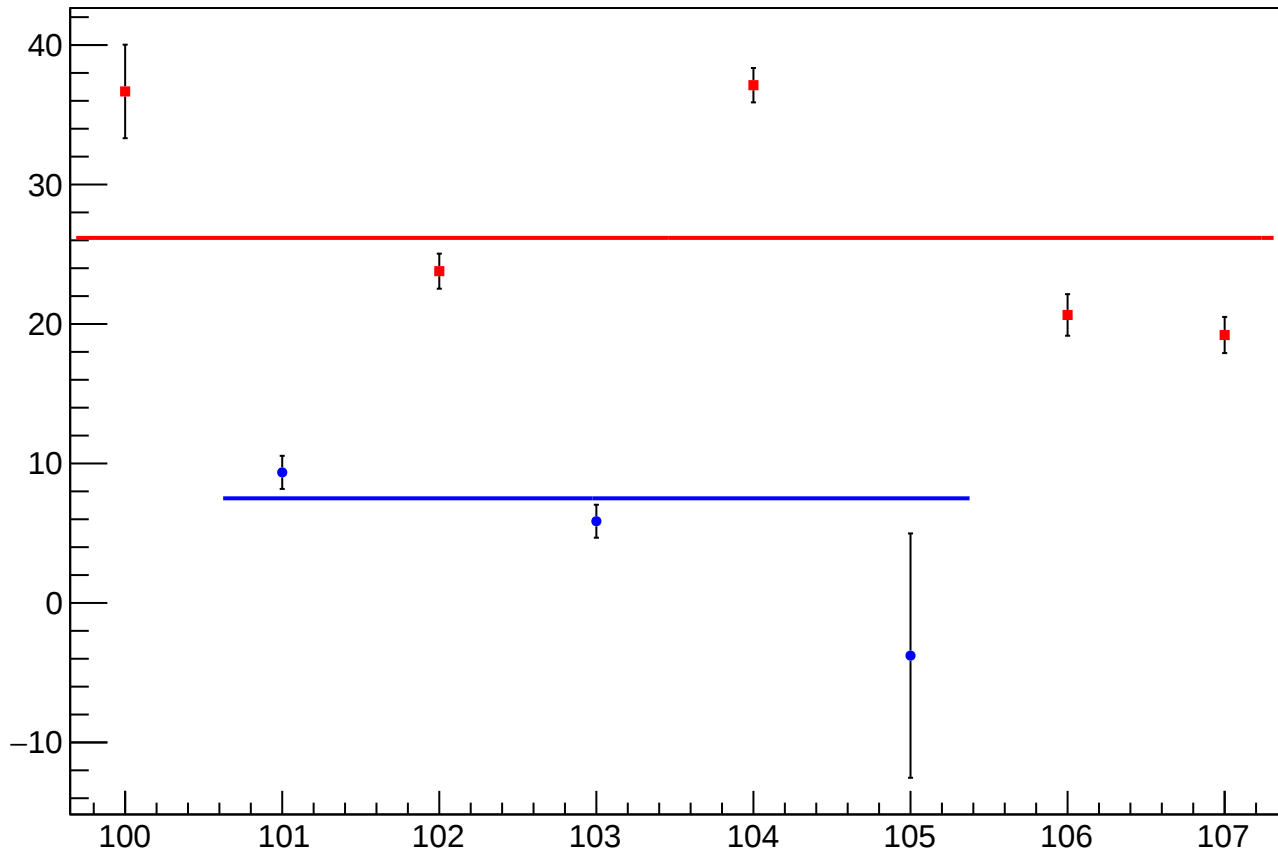
Right Out: 667.305+/-0.355 χ^2/NDF : 265.7/4

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

669.759+/-0.439 χ^2/NDF : 0.9/2

667.305+/-0.355 χ^2/NDF : 265.7/4

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

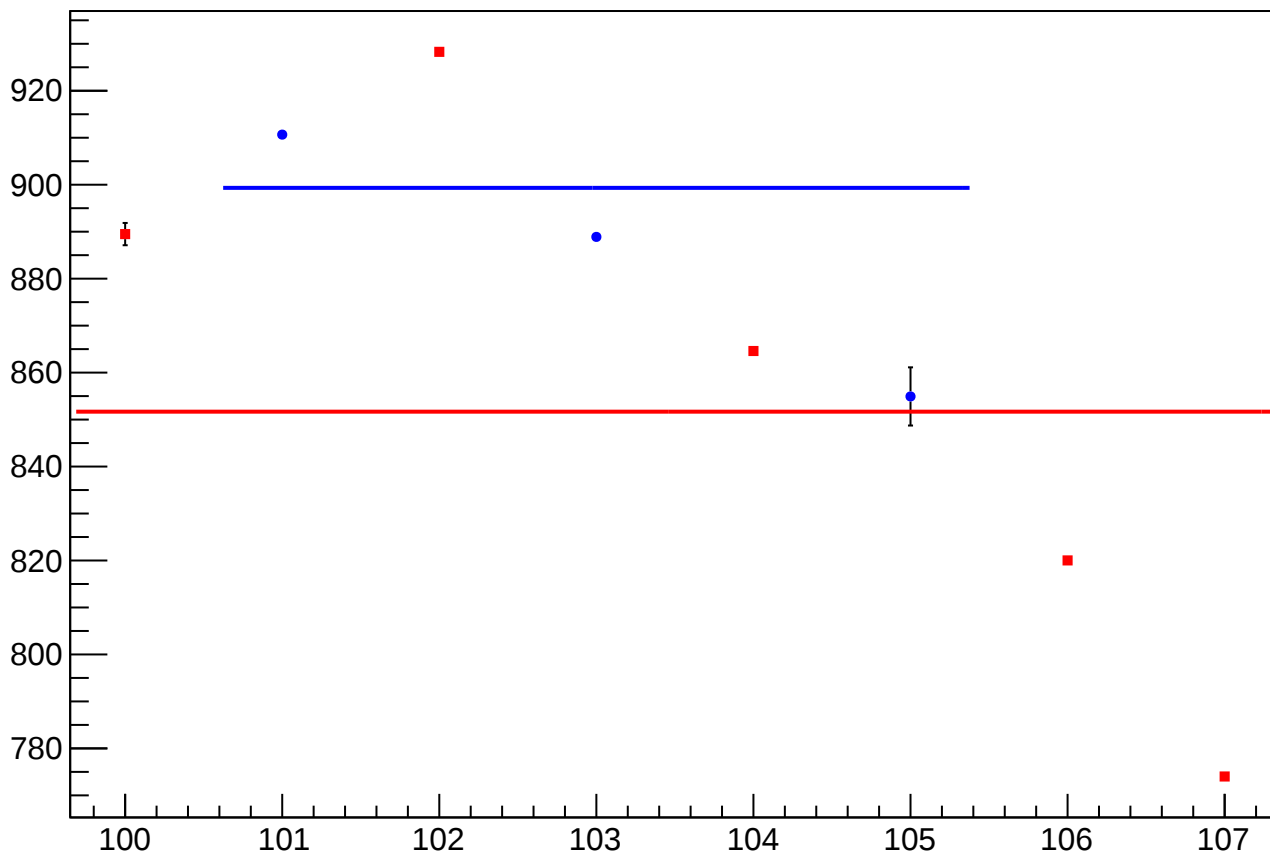
Right Out: 26.174 $\pm$ 0.642 χ^2 /NDF: 134.9/4

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

7.501 $\pm$ 0.834 χ^2 /NDF: 6.0/2

26.174 $\pm$ 0.642 χ^2 /NDF: 134.9/4

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

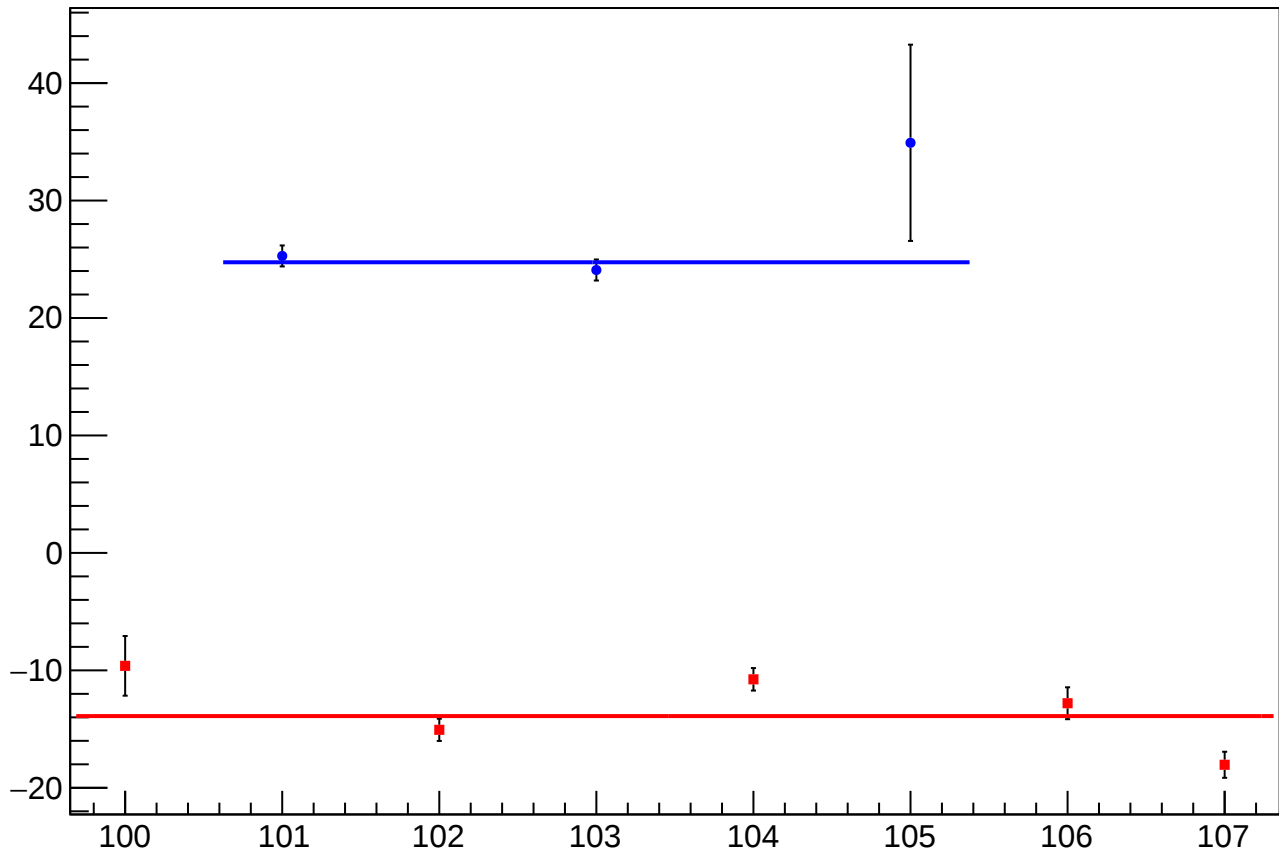
Right Out: 851.686 $\pm$ 0.454 χ^2 /NDF: 15991.4/4

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

899.330 $\pm$ 0.590 χ^2 /NDF: 389.5/2

851.686 $\pm$ 0.454 χ^2 /NDF: 15991.4/4

diff_bpm1i04Y_mean vs slug



Right In: 24.745 $\pm$ 0.631 χ^2 /NDF: 2.4/2

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

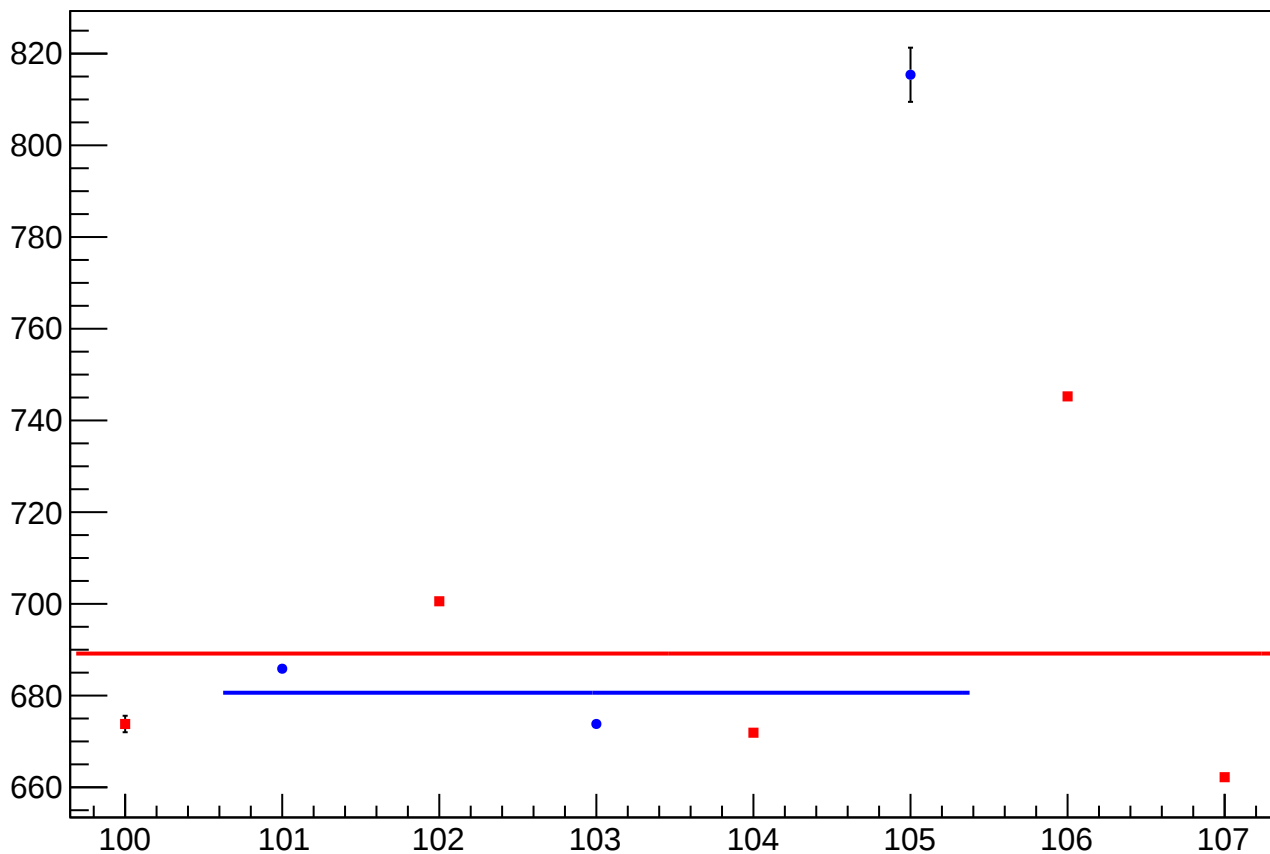
24.745 $\pm$ 0.631 χ^2 /NDF: 2.4/2

Right Out: -13.893 $\pm$ 0.519 χ^2 /NDF: 29.6/4

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

-13.893 $\pm$ 0.519 χ^2 /NDF: 29.6/4

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

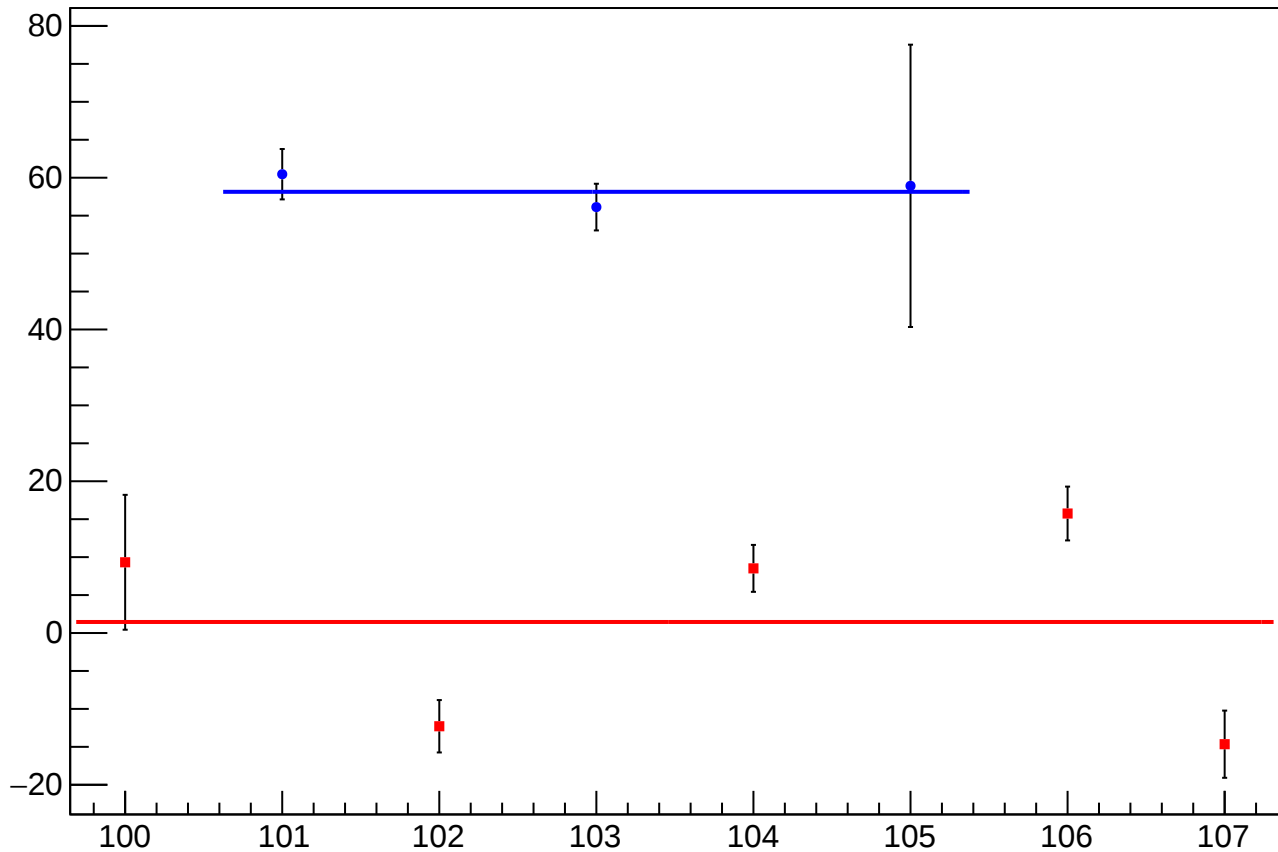
Right Out: 689.165+/-0.367 χ^2/NDF : 5604.4/4

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

680.621+/-0.446 χ^2/NDF : 704.6/2

689.165+/-0.367 χ^2/NDF : 5604.4/4

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

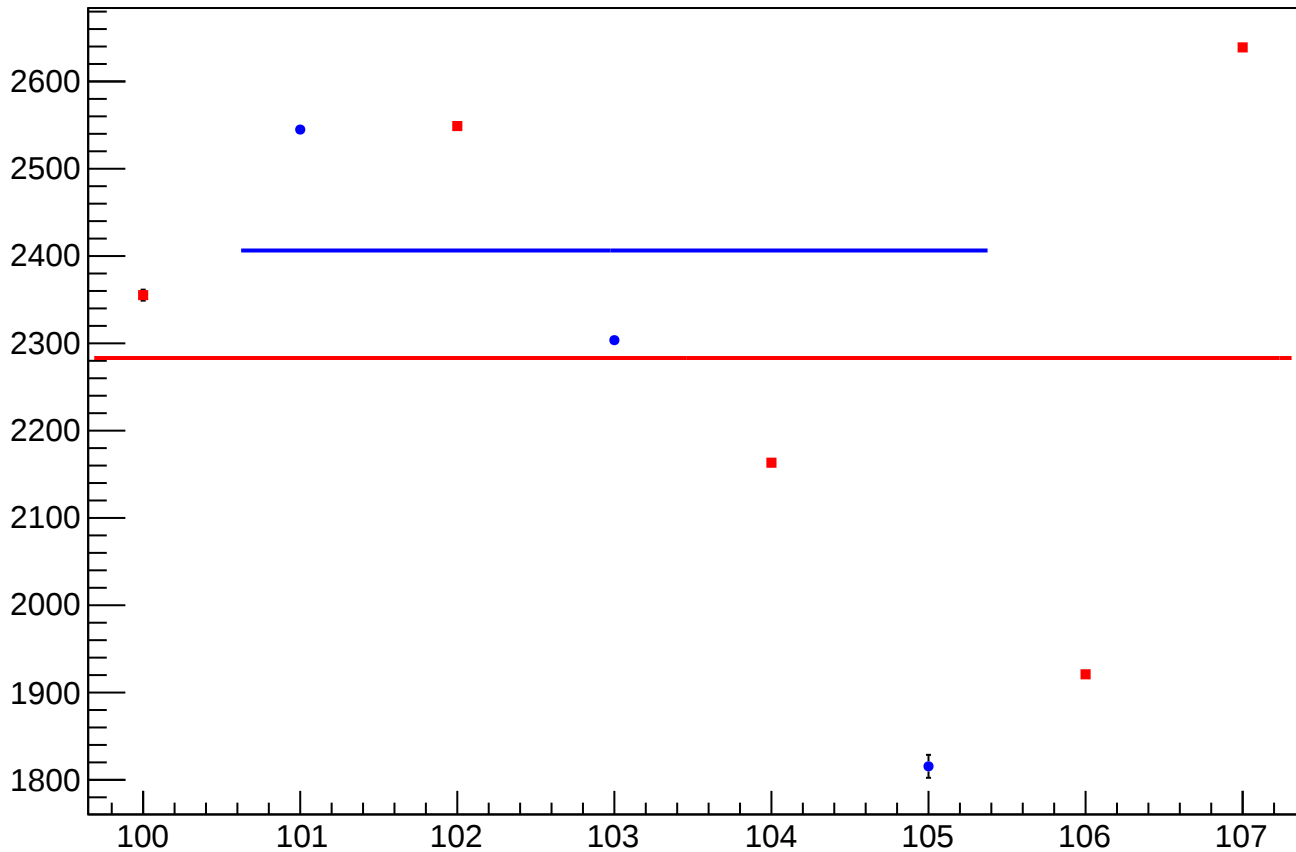
Right Out: 1.455+/-1.736 χ^2/NDF : 51.3/4

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

58.141+/-2.240 χ^2/NDF : 0.9/2

1.455+/-1.736 χ^2/NDF : 51.3/4

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

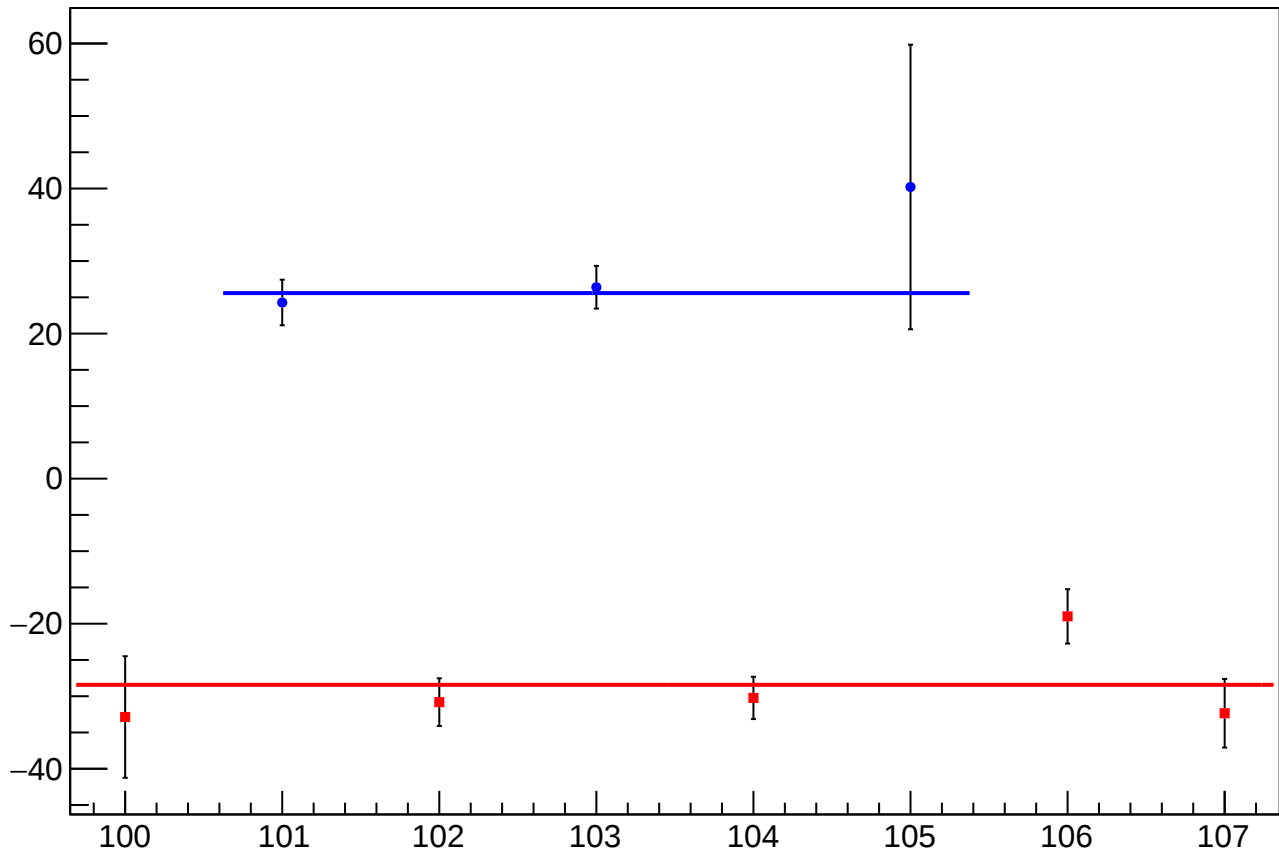
2406.351+/-1.584 χ^2/NDF : 7730.4/2

Right Out: 2283.220+/-1.228 χ^2/NDF : 48774.6/4

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

2283.220+/-1.228 χ^2/NDF : 48774.6/4

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

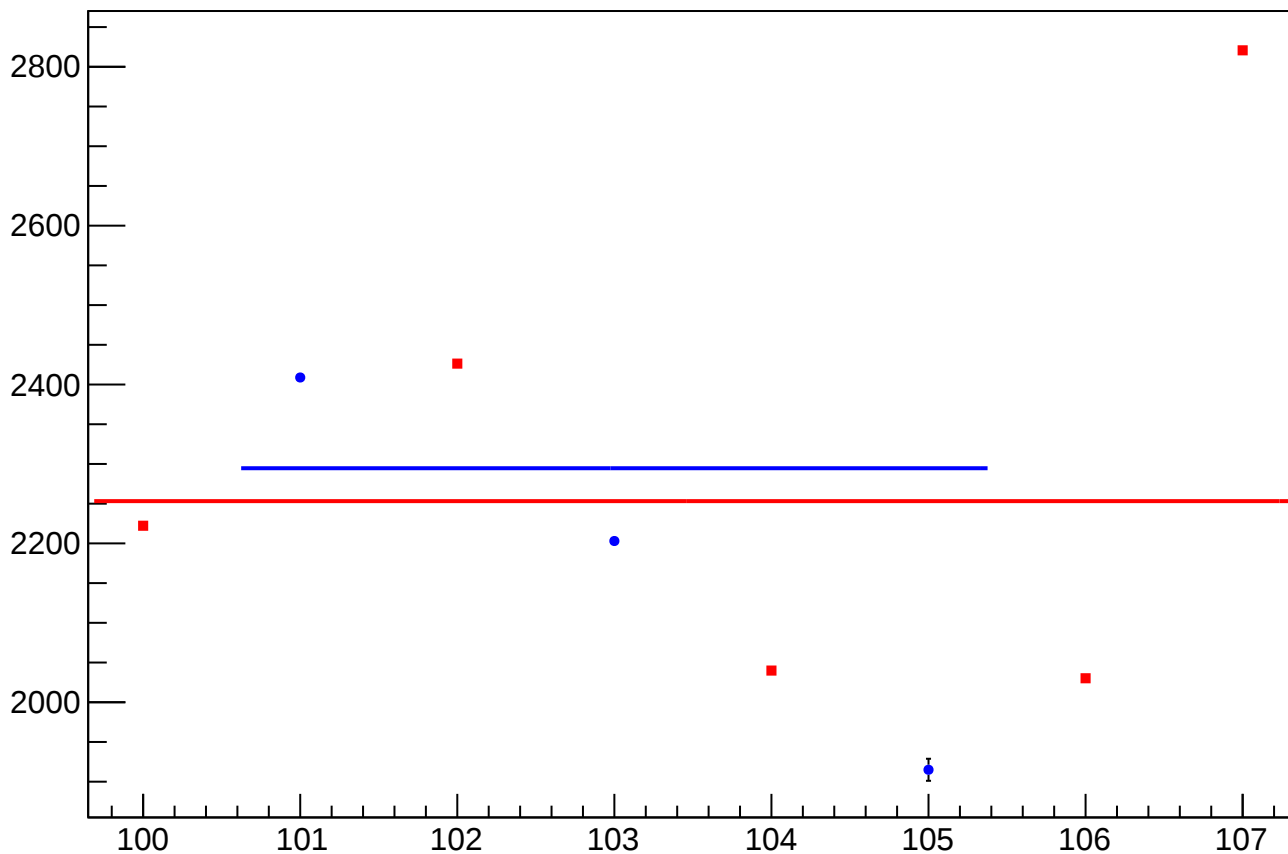
Right Out: -28.427+/-1.714 χ^2 /NDF: 8.2/4

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

25.583+/-2.135 χ^2 /NDF: 0.8/2

-28.427+/-1.714 χ^2 /NDF: 8.2/4

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

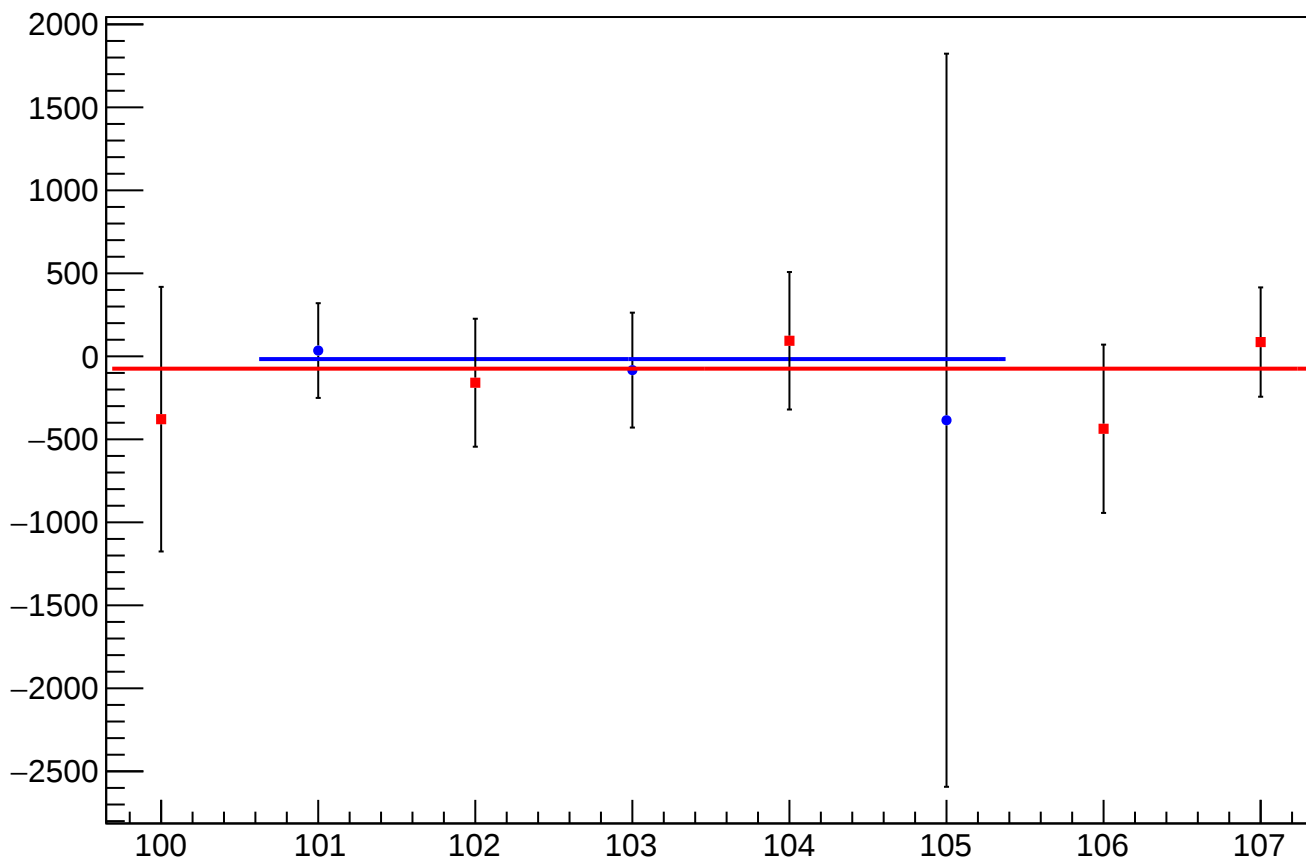
Right Out: 2253.199+/-1.212 χ^2/NDF : 52120.5/4

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

2294.621+/-1.510 χ^2/NDF : 5330.3/2

2253.199+/-1.212 χ^2/NDF : 52120.5/4

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

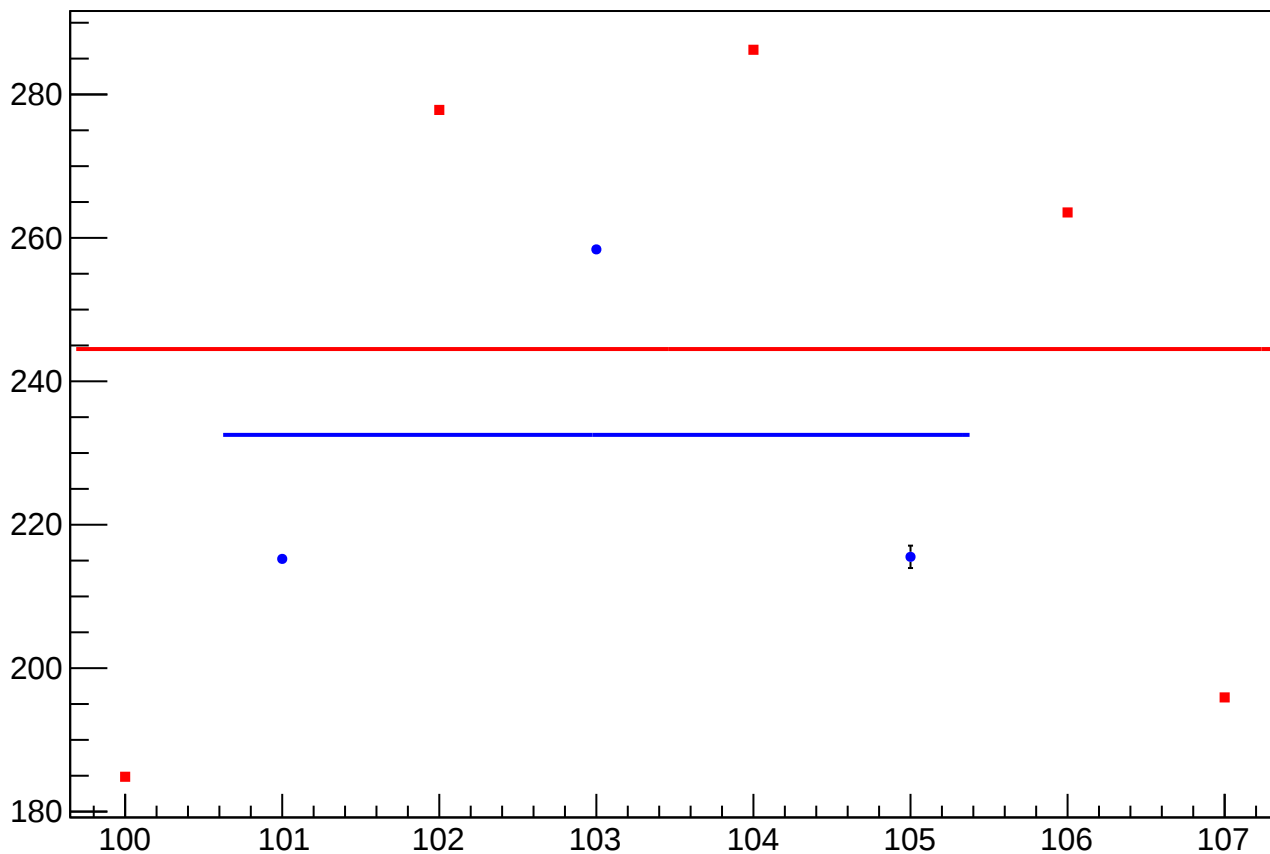
Right Out: -74.280 $\pm$ 191.577 χ^2 /NDF: 1.1/4

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

-16.517 $\pm$ 219.081 χ^2 /NDF: 0.1/2

-74.280 $\pm$ 191.577 χ^2 /NDF: 1.1/4

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

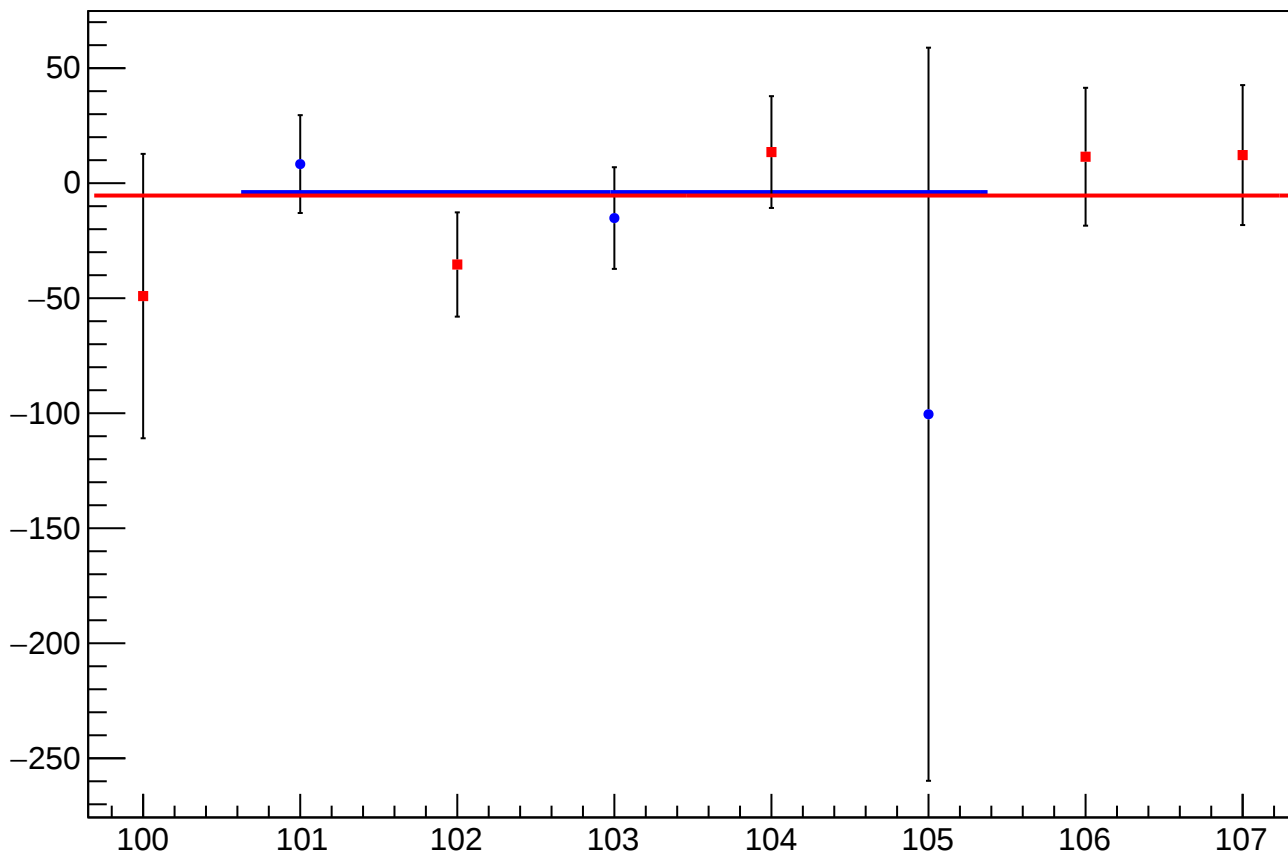
232.531+/-0.155 χ^2/NDF : 18633.6/2

Right Out: 244.499+/-0.135 χ^2/NDF : 92816.2/4

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

244.499+/-0.135 χ^2/NDF : 92816.2/4

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

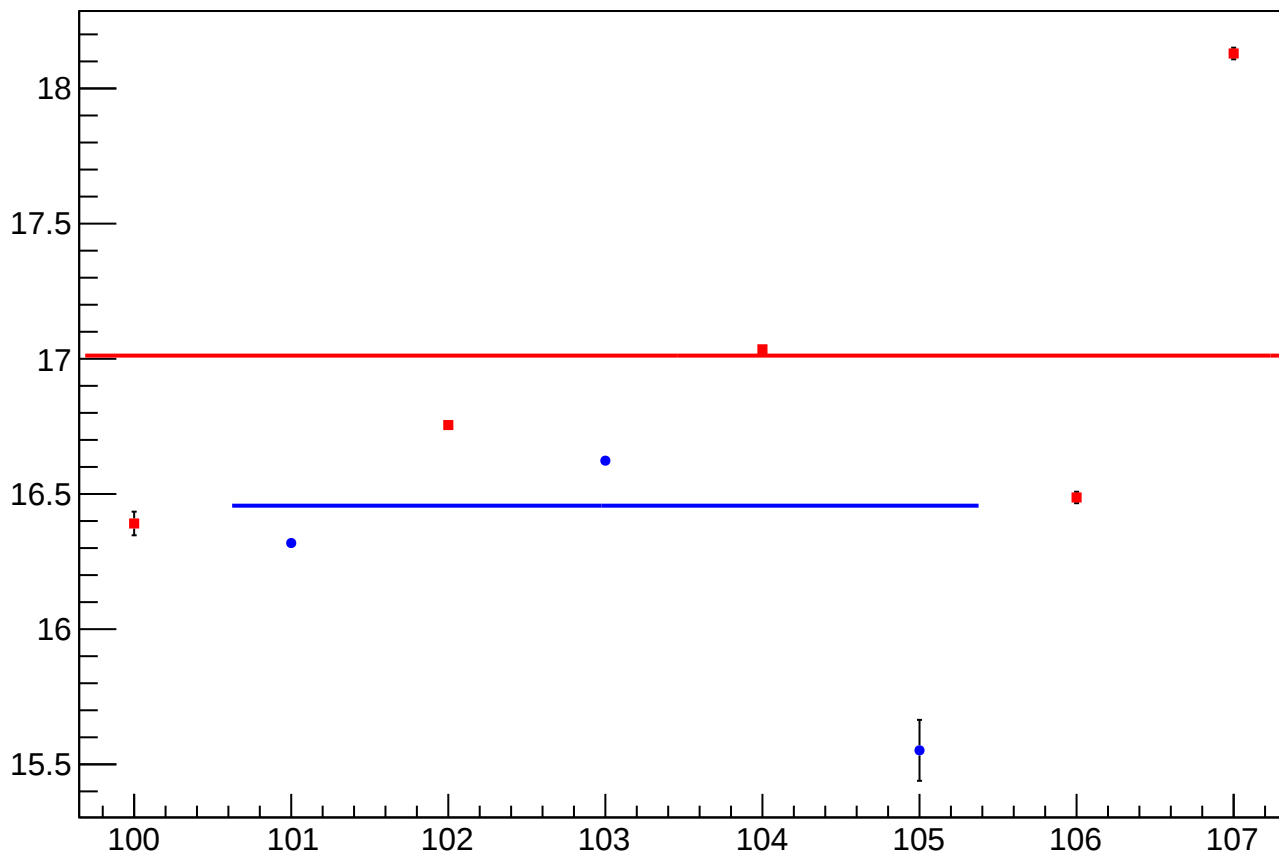
Right Out: -5.372+/-12.807 χ^2/NDF : 3.5/4

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

-3.872+/-15.254 χ^2/NDF : 1.0/2

-5.372+/-12.807 χ^2/NDF : 3.5/4

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.457 ± 0.011 $\chi^2/\text{NDF}: 262.4/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

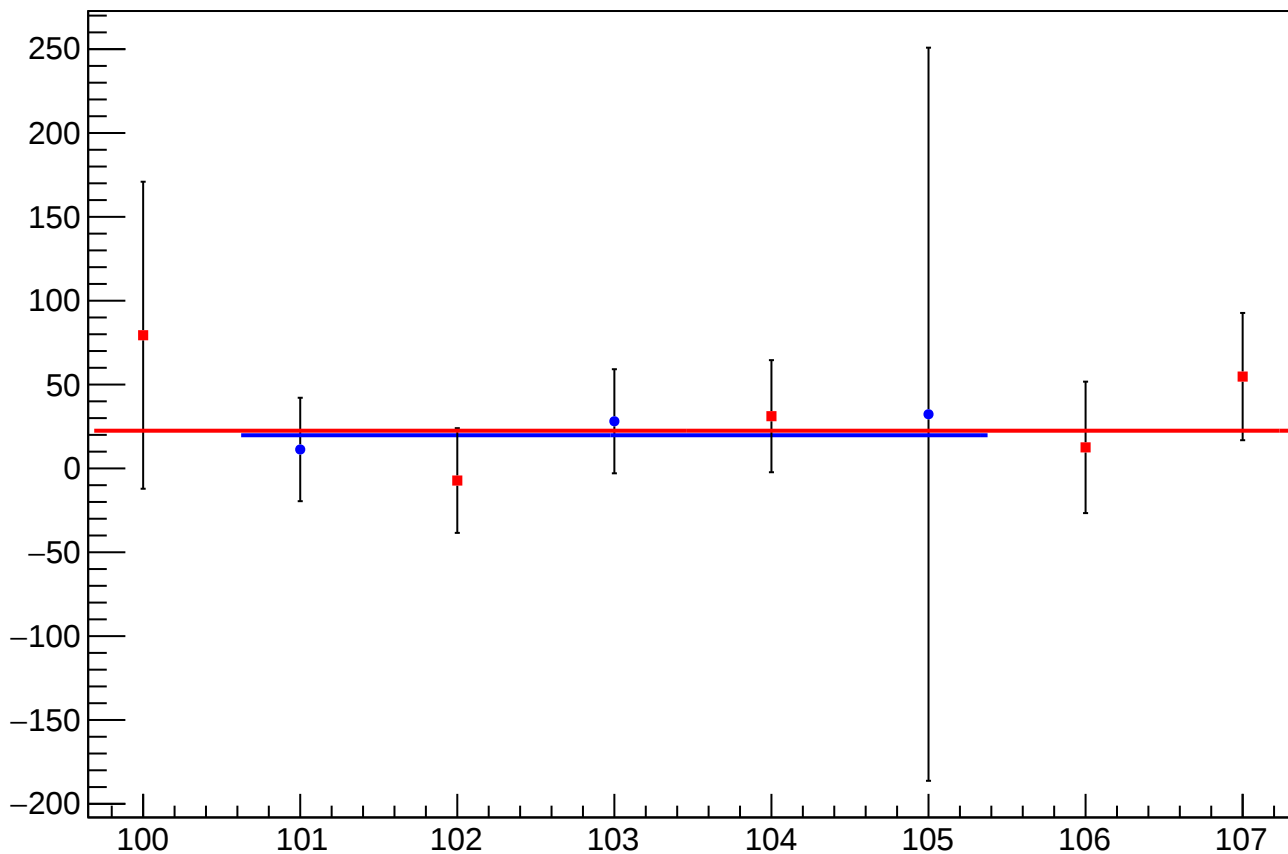
Right Out: 17.012 ± 0.009 $\chi^2/\text{NDF}: 3772.5/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

16.457 ± 0.011 $\chi^2/\text{NDF}: 262.4/2$

17.012 ± 0.009 $\chi^2/\text{NDF}: 3772.5/4$

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

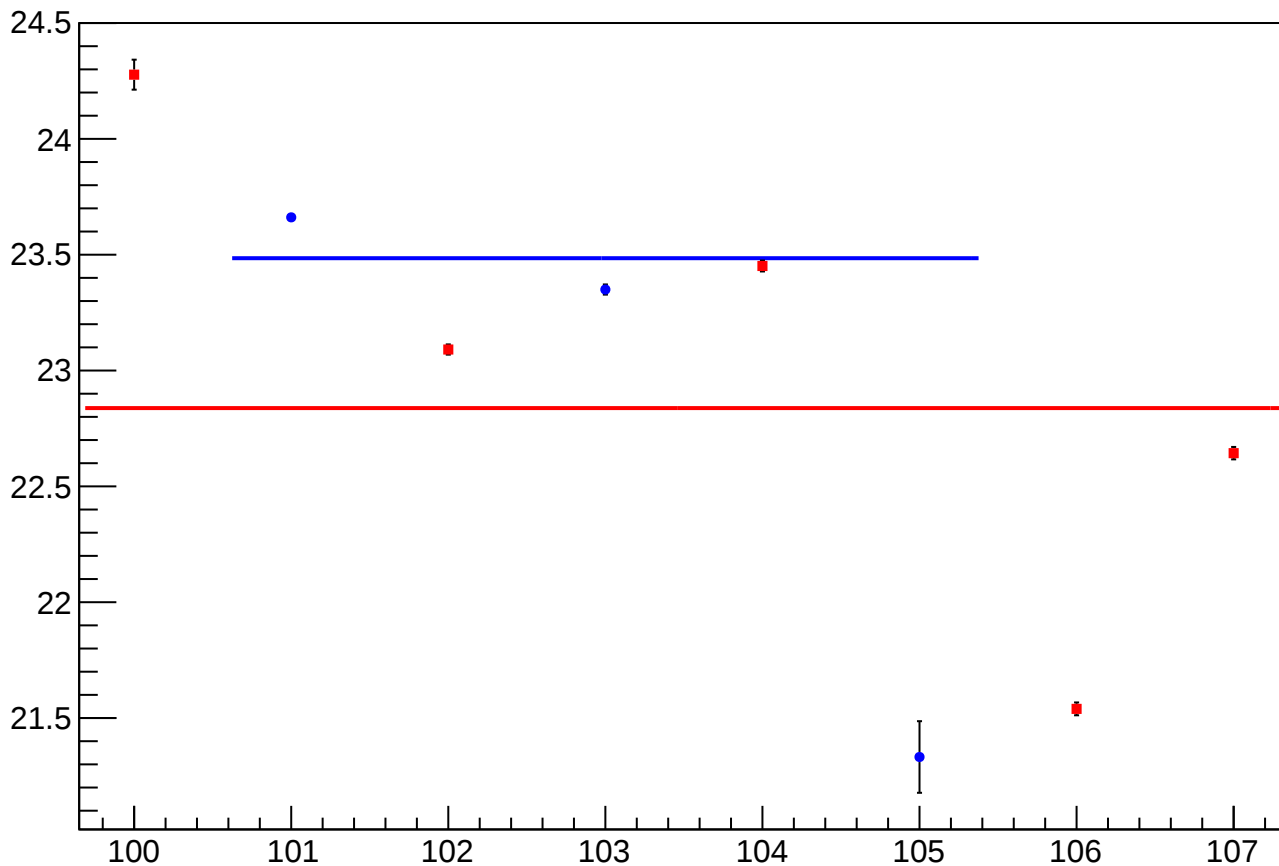
Right Out: 22.486 $\pm$ 17.184 χ^2 /NDF: 2.1/4

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

19.777 $\pm$ 21.764 χ^2 /NDF: 0.2/2

22.486 $\pm$ 17.184 χ^2 /NDF: 2.1/4

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs slug



Right In: 23.485+/-0.015 χ^2/NDF : 297.4/2

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

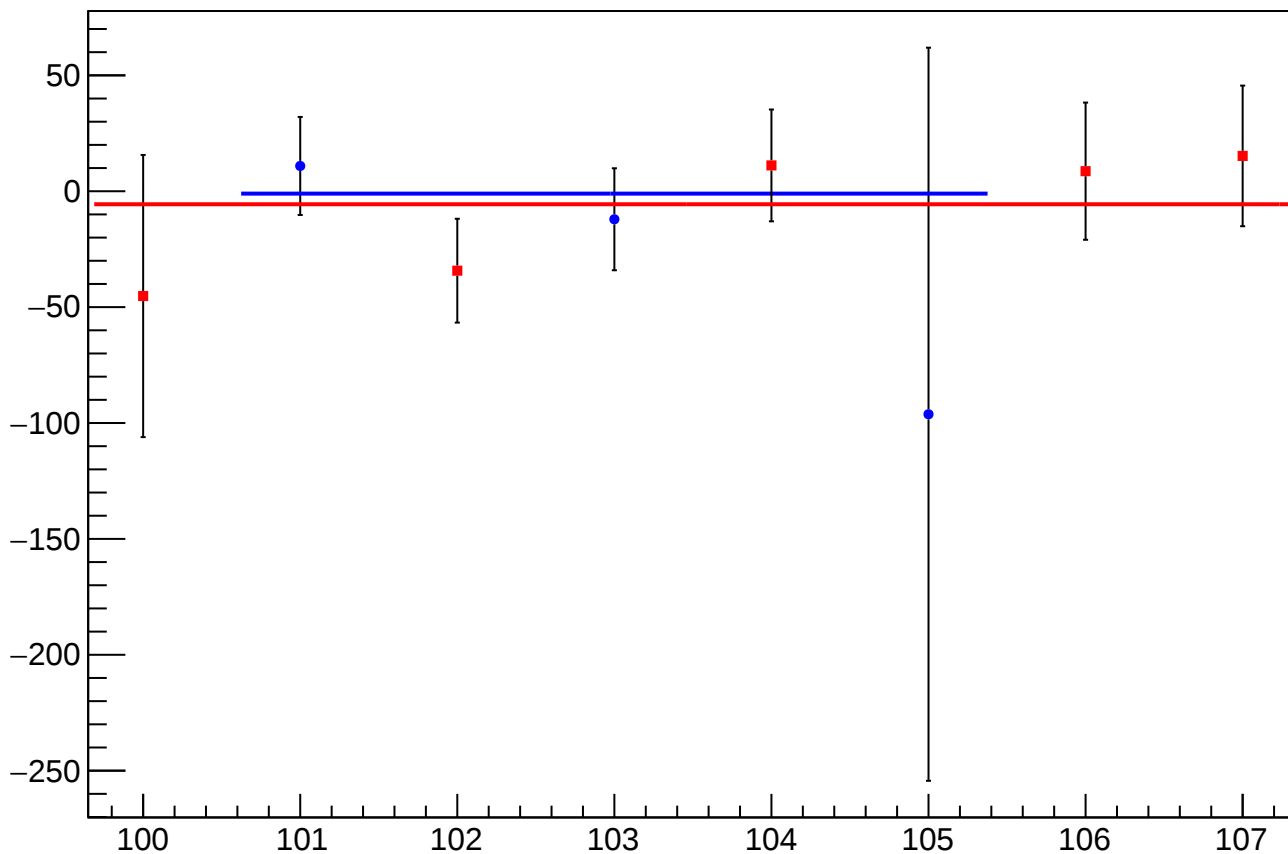
23.485+/-0.015 χ^2/NDF : 297.4/2

Right Out: 22.838+/-0.012 χ^2/NDF : 3547.0/4

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

22.838+/-0.012 χ^2/NDF : 3547.0/4

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

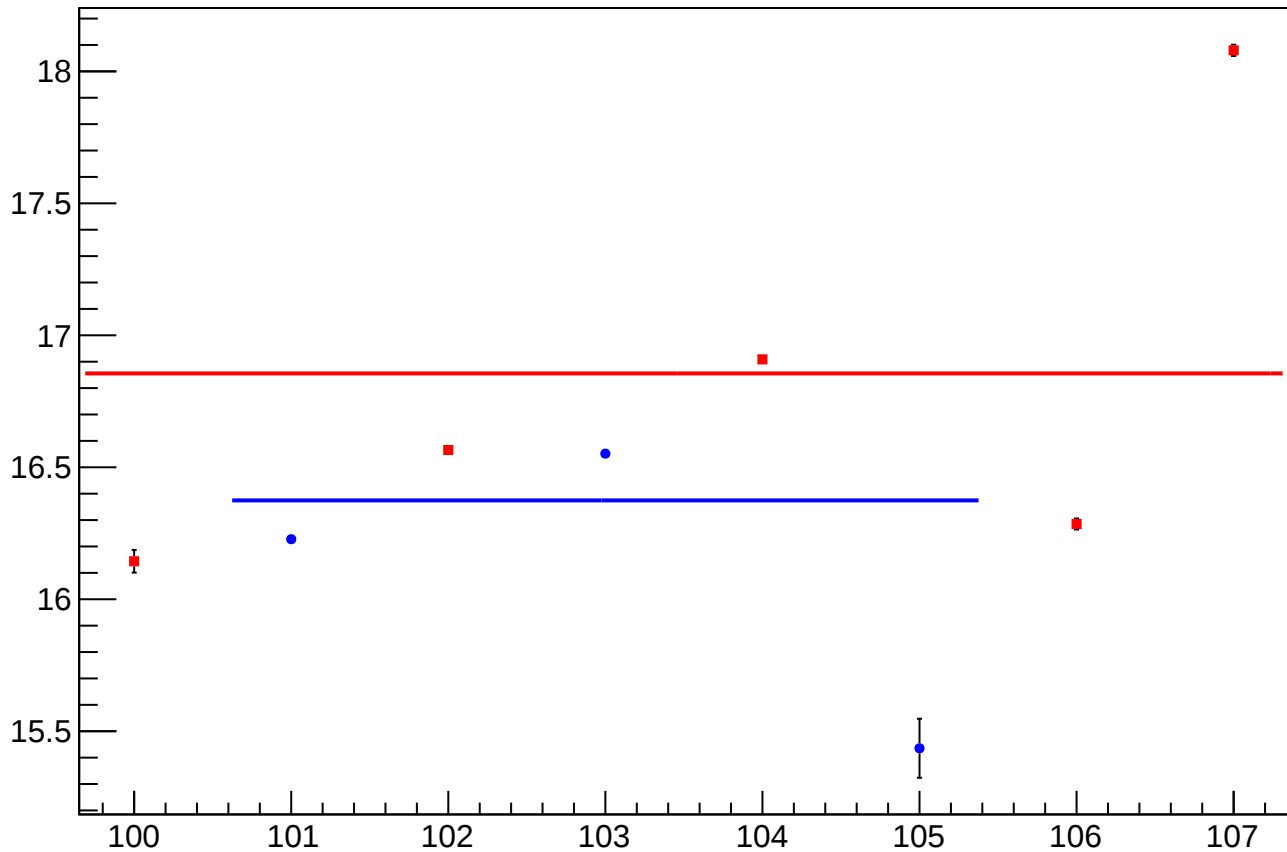
Right Out: -5.619+/-12.690 χ^2/NDF : 3.2/4

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

-1.024+/-15.177 χ^2/NDF : 0.9/2

-5.619+/-12.690 χ^2/NDF : 3.2/4

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs slug



Right In: 16.374 $\pm$ 0.011 χ^2 /NDF: 296.7/2

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

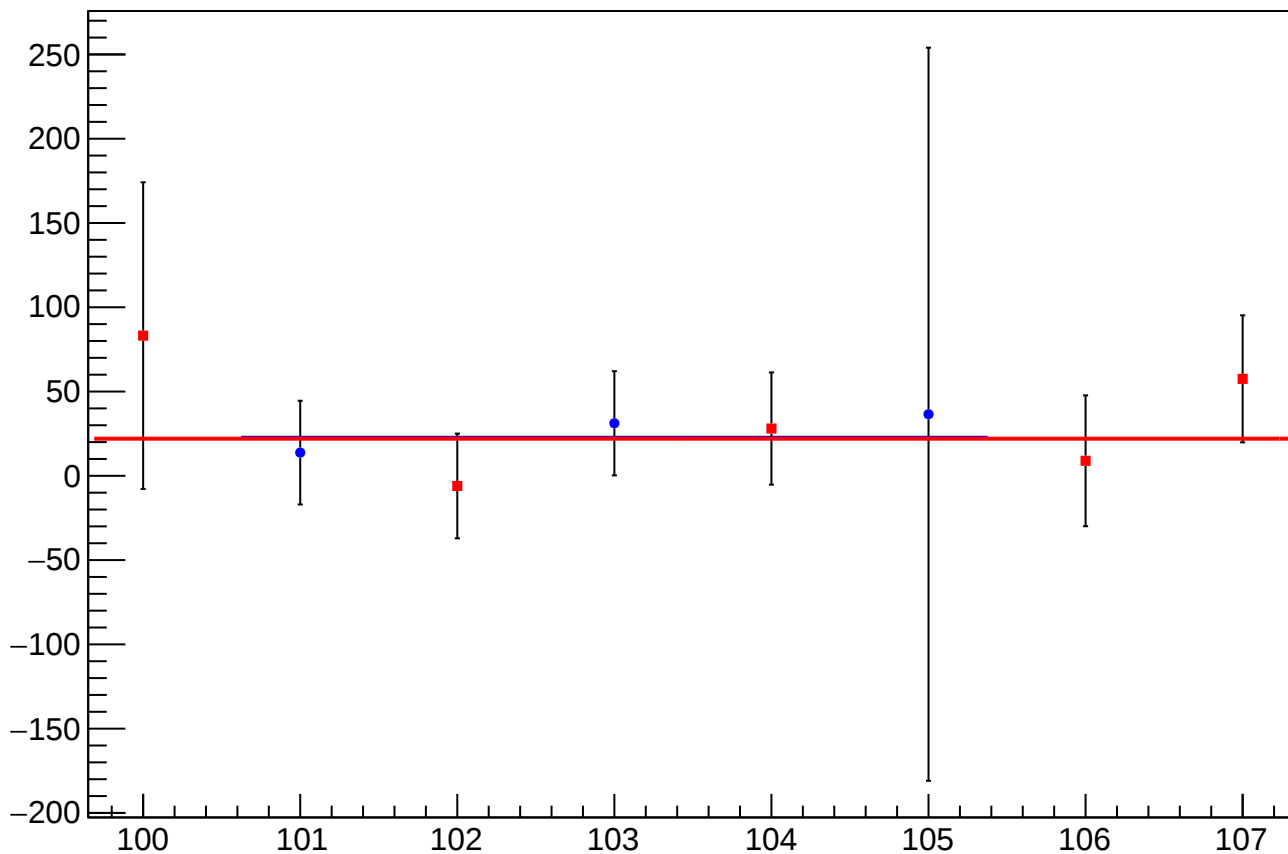
Right Out: 16.856 $\pm$ 0.009 χ^2 /NDF: 4618.0/4

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

16.374 $\pm$ 0.011 χ^2 /NDF: 296.7/2

16.856 $\pm$ 0.009 χ^2 /NDF: 4618.0/4

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

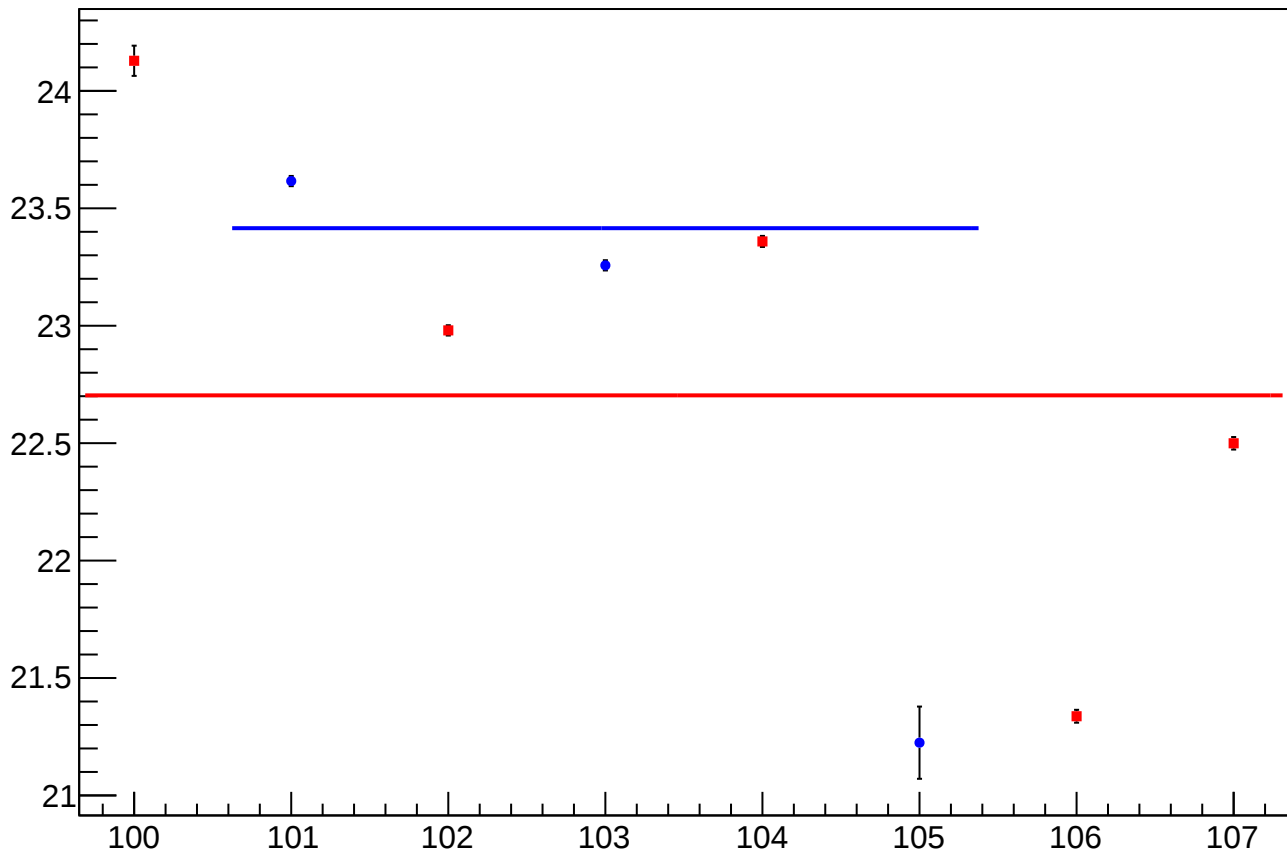
Right Out: 22.038+/-17.083 χ^2/NDF : 2.3/4

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

22.572+/-21.700 χ^2/NDF : 0.2/2

22.038+/-17.083 χ^2/NDF : 2.3/4

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

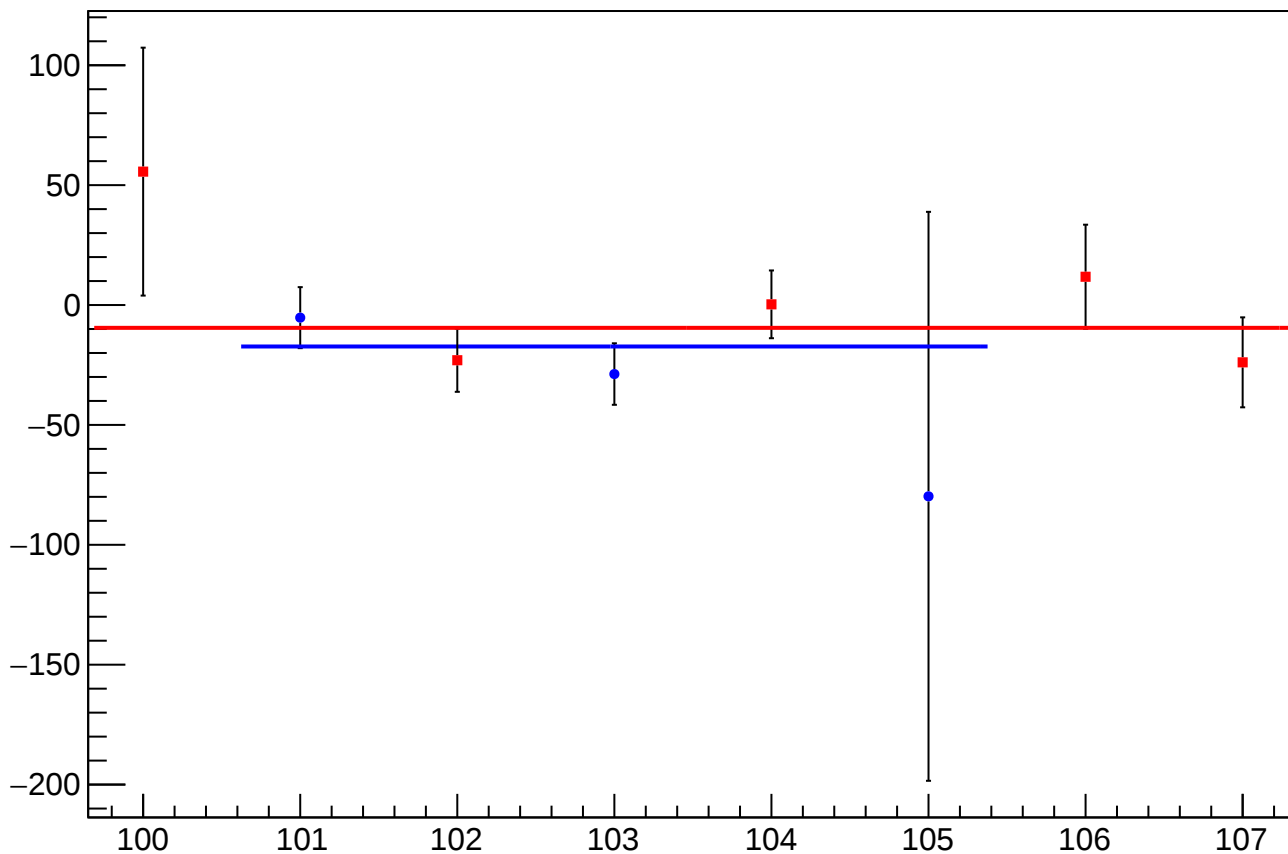
Right Out: 22.704+/-0.012 χ^2 /NDF: 3961.6/4

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

23.415+/-0.015 χ^2 /NDF: 340.4/2

22.704+/-0.012 χ^2 /NDF: 3961.6/4

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs slug



Right In: -17.293+/-9.006 χ^2/NDF : 2.0/2

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

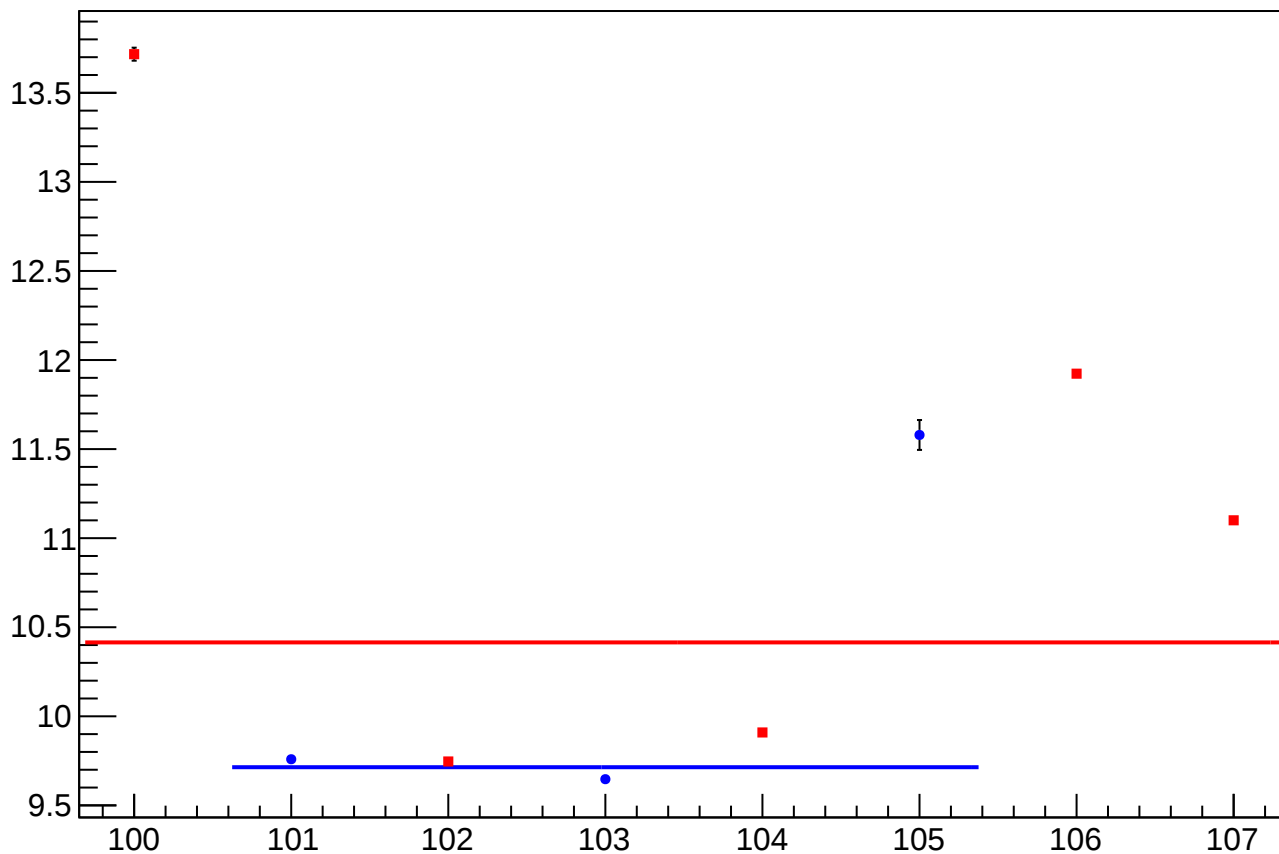
Right Out: -9.515+/-7.880 χ^2/NDF : 4.7/4

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

-17.293+/-9.006 χ^2/NDF : 2.0/2

-9.515+/-7.880 χ^2/NDF : 4.7/4

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 9.714+/-0.006 χ^2/NDF : 573.9/2

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

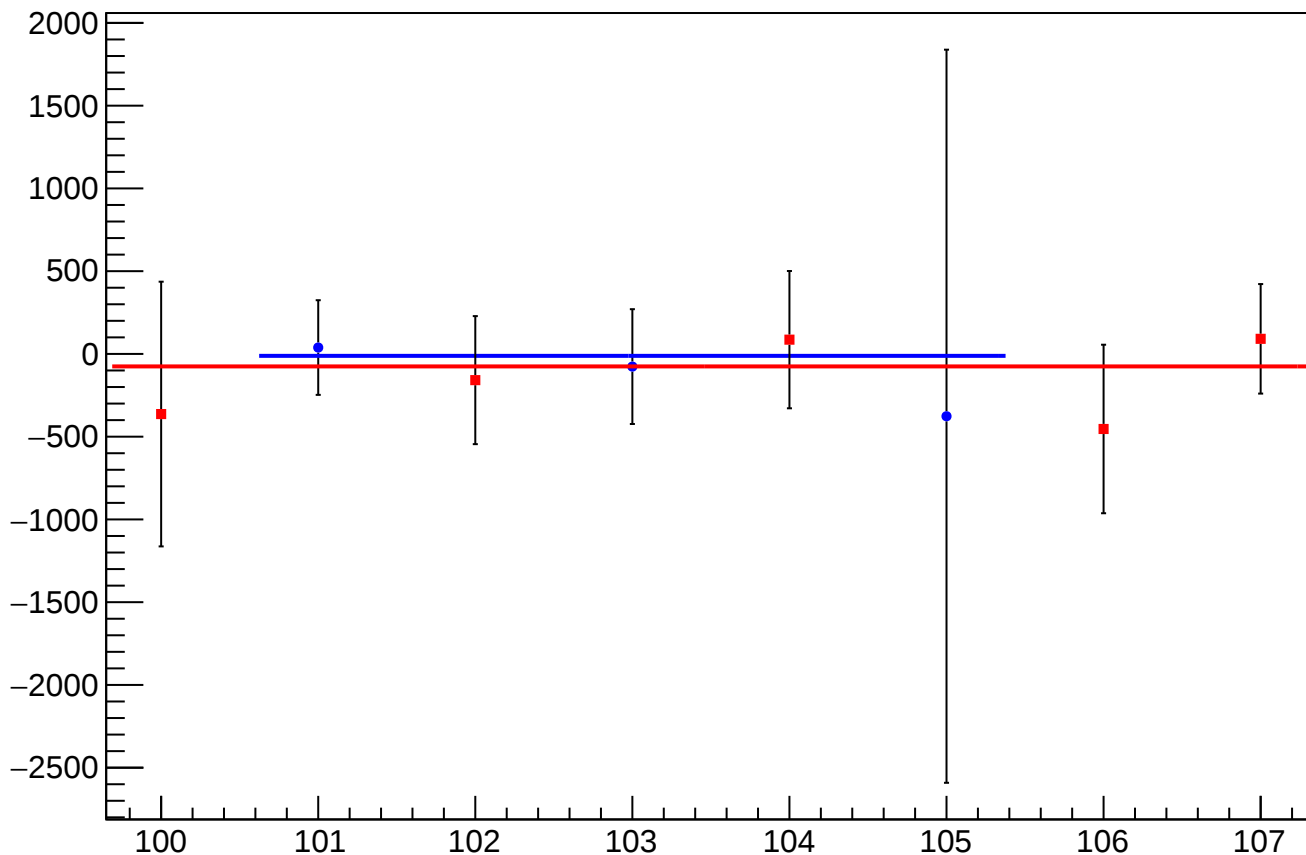
Right Out: 10.415+/-0.006 χ^2/NDF : 28190.1/4

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

9.714+/-0.006 χ^2/NDF : 573.9/2

10.415+/-0.006 χ^2/NDF : 28190.1/4

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

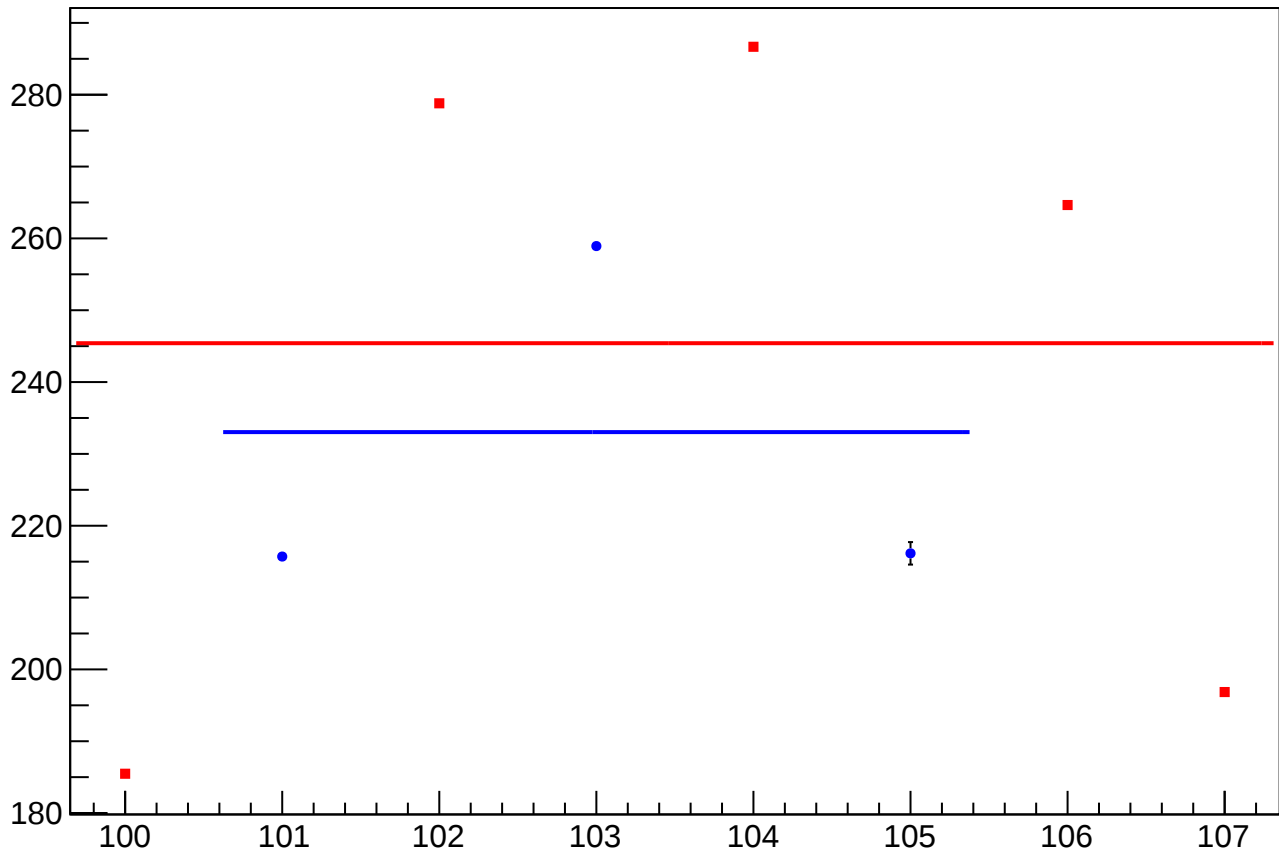
Right Out: -75.472 $\pm$ 192.267 χ^2 /NDF: 1.1/4

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

-11.634 $\pm$ 219.564 χ^2 /NDF: 0.1/2

-75.472 $\pm$ 192.267 χ^2 /NDF: 1.1/4

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs slug



Right In: 233.034+/-0.155 χ^2/NDF : 18605.3/2

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

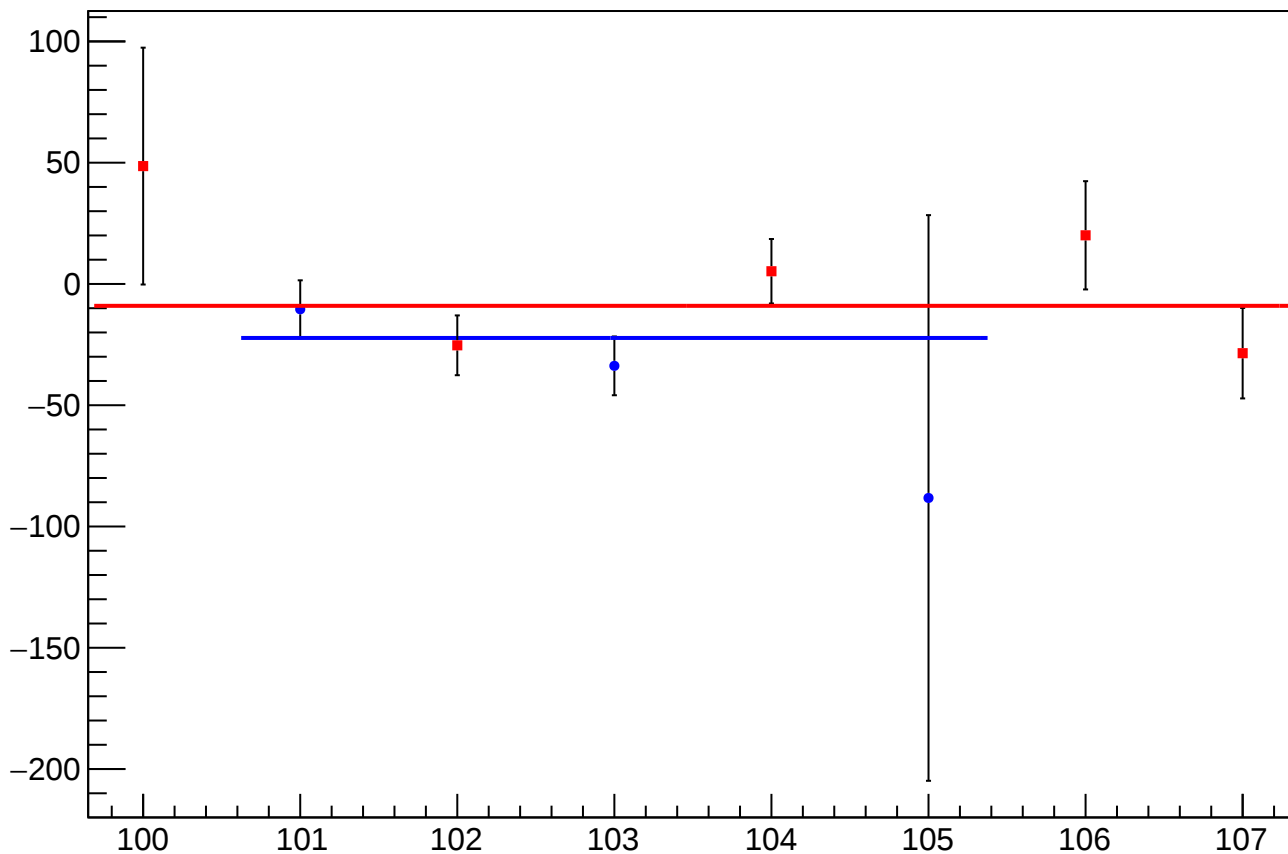
233.034+/-0.155 χ^2/NDF : 18605.3/2

Right Out: 245.410+/-0.136 χ^2/NDF : 91873.1/4

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

245.410+/-0.136 χ^2/NDF : 91873.1/4

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs slug



Right In: -22.263 $\pm$ 8.478 χ^2 /NDF: 2.2/2

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

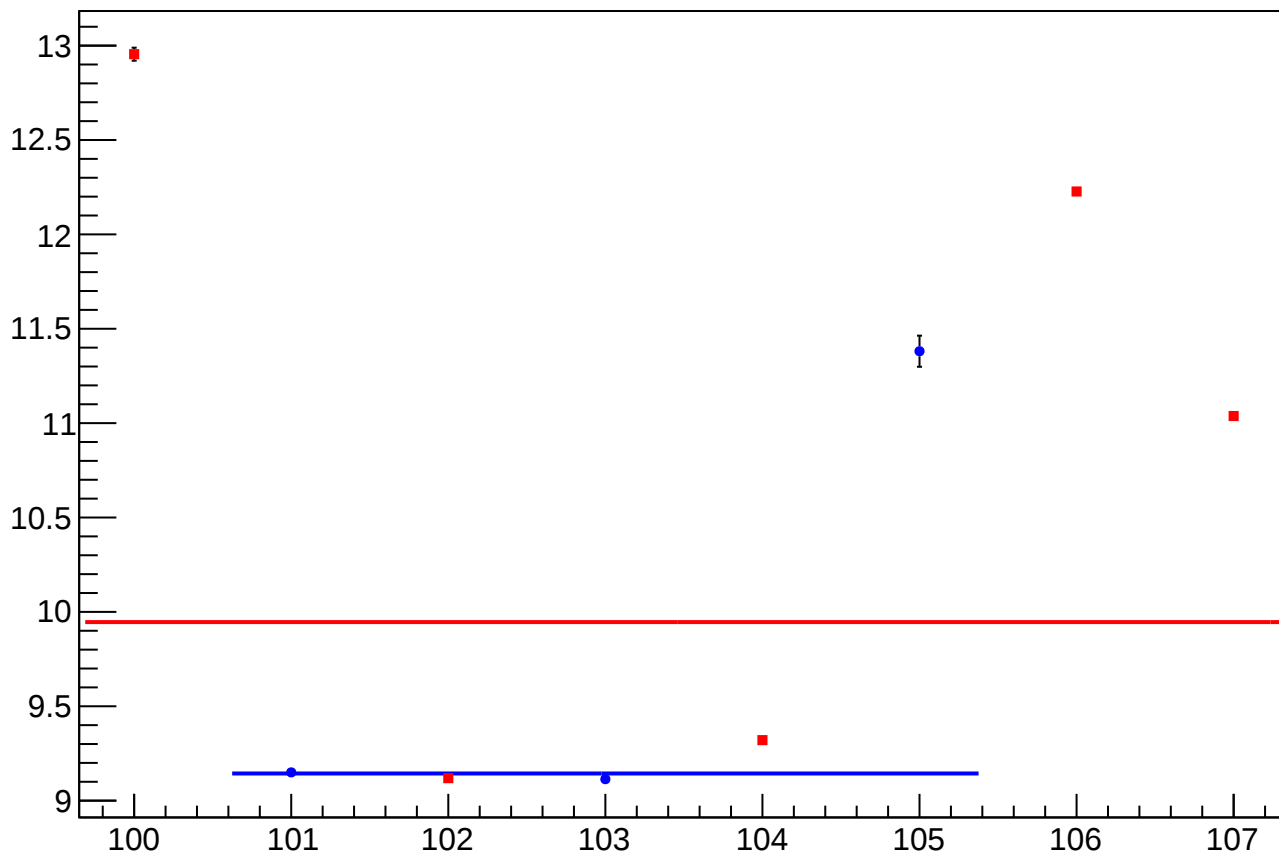
Right Out: -9.018 $\pm$ 7.550 χ^2 /NDF: 7.1/4

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

-22.263 $\pm$ 8.478 χ^2 /NDF: 2.2/2

-9.018 $\pm$ 7.550 χ^2 /NDF: 7.1/4

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs slug



Right In: 9.144+/-0.006 χ^2/NDF : 748.9/2

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

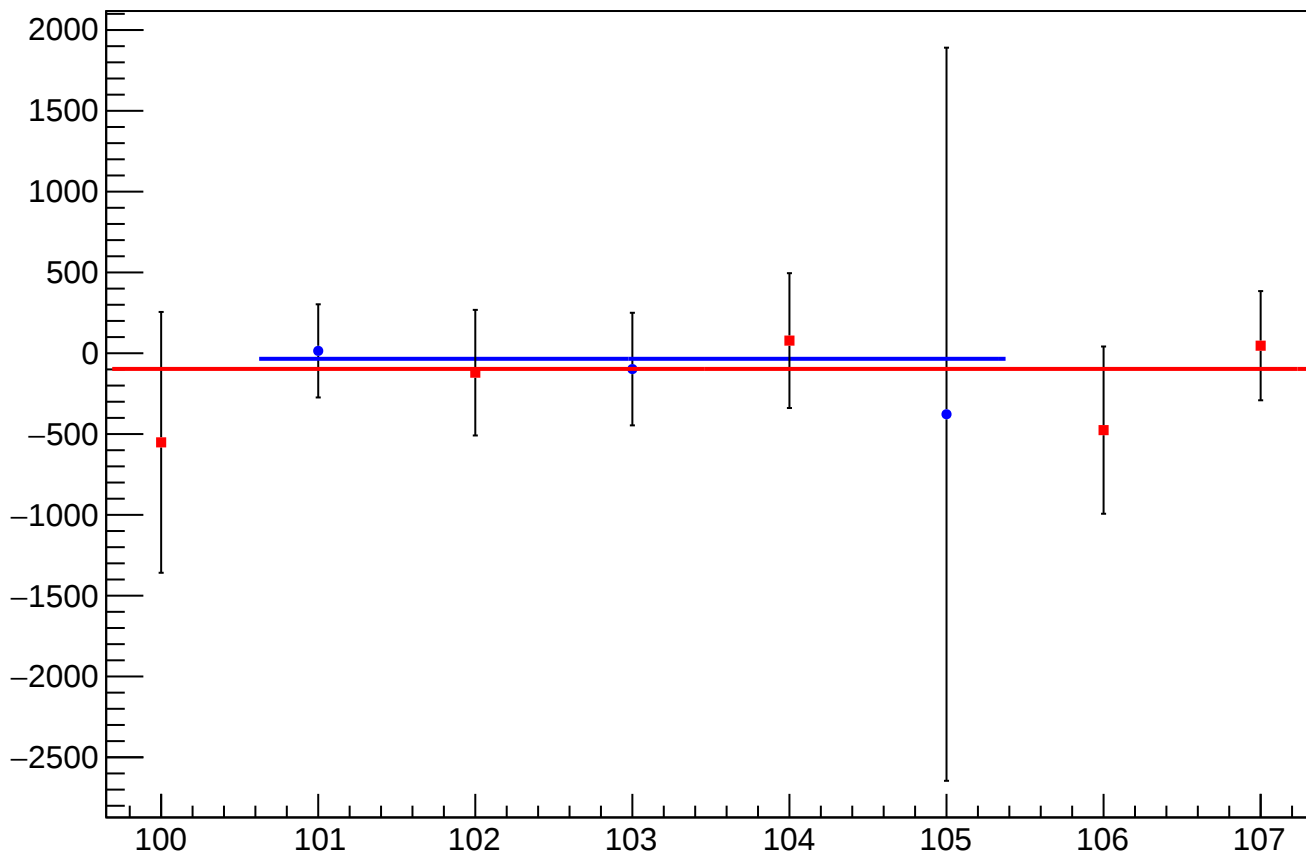
Right Out: 9.946+/-0.005 χ^2/NDF : 48766.0/4

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

9.144+/-0.006 χ^2/NDF : 748.9/2

9.946+/-0.005 χ^2/NDF : 48766.0/4

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

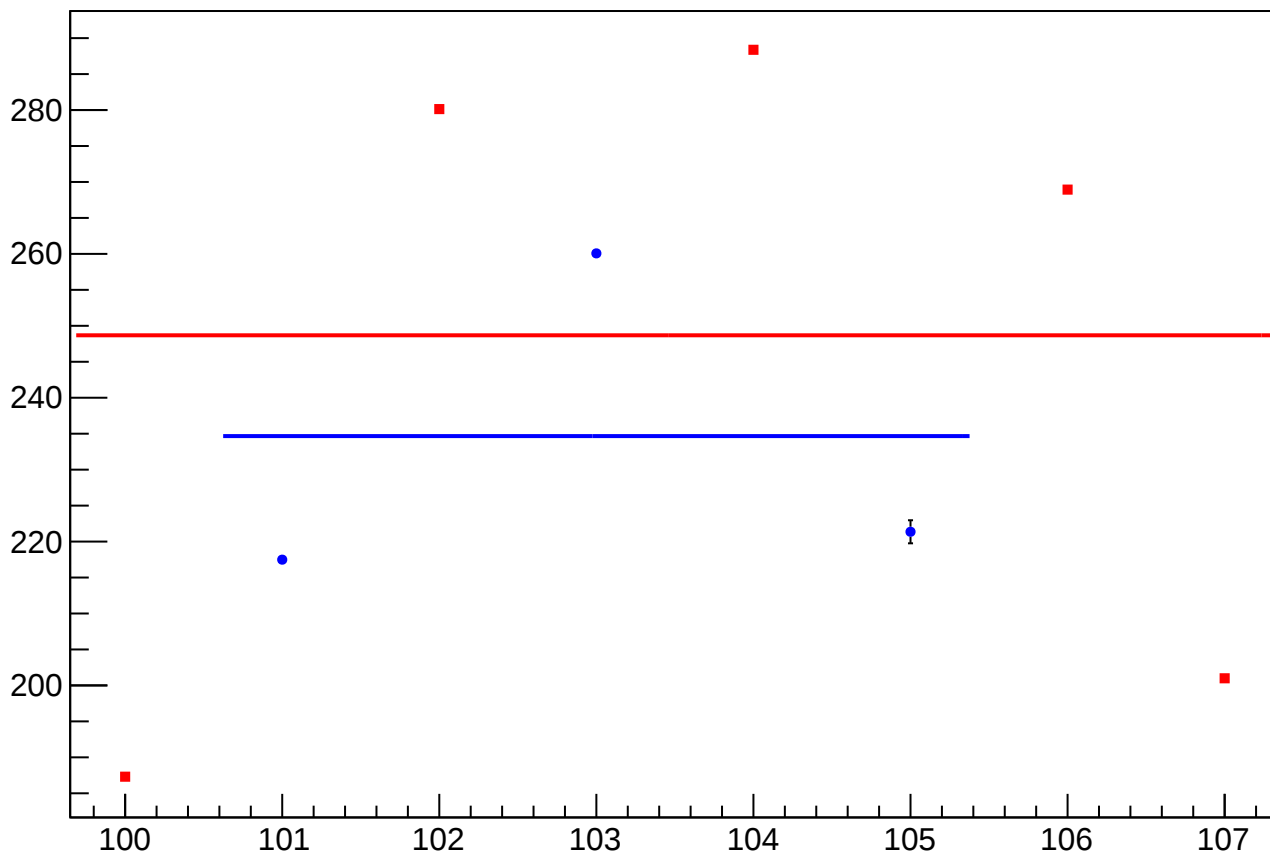
Right Out: -96.970 $\pm$ 194.621 χ^2 /NDF: 1.2/4

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

-34.409 $\pm$ 221.014 χ^2 /NDF: 0.1/2

-96.970 $\pm$ 194.621 χ^2 /NDF: 1.2/4

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs slug



Right In: 234.666+/-0.156 χ^2/NDF : 17813.3/2

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

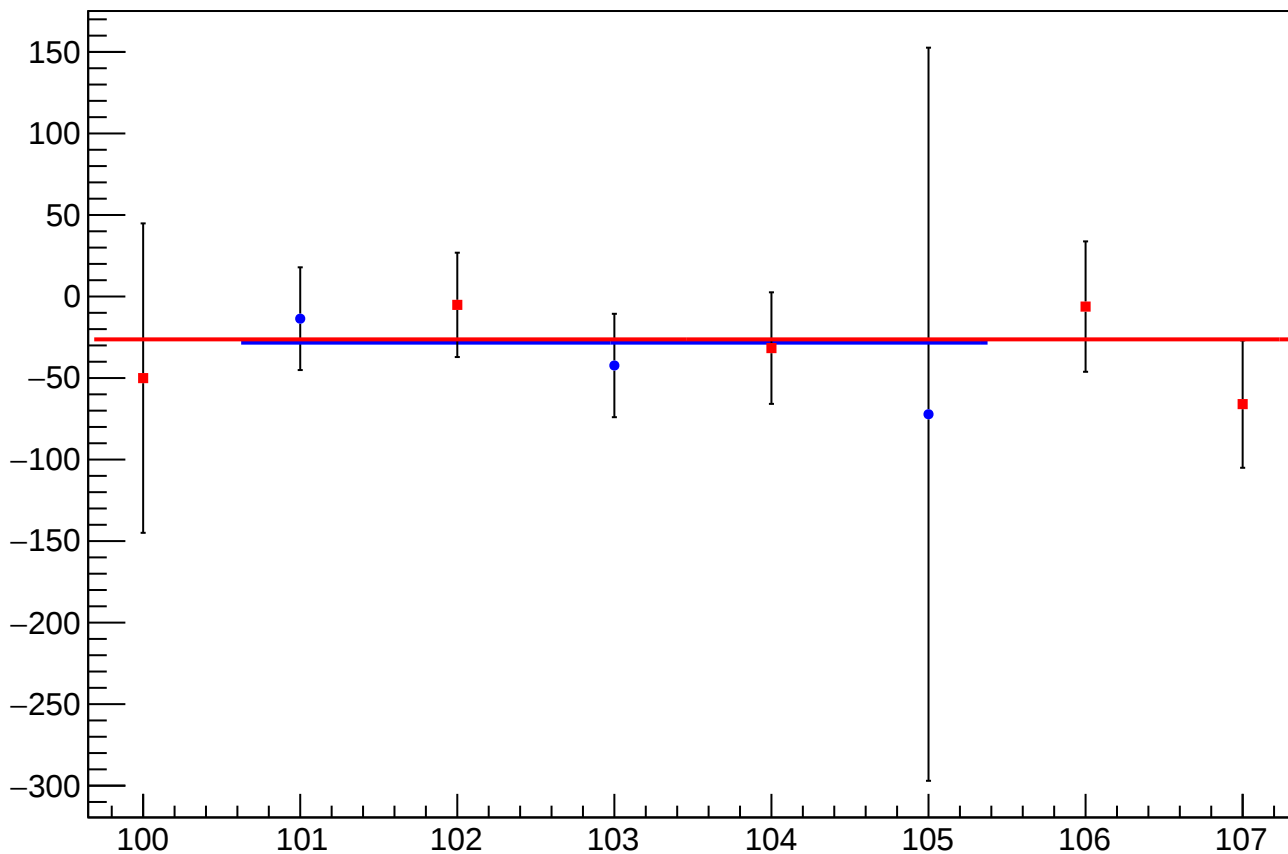
234.666+/-0.156 χ^2/NDF : 17813.3/2

Right Out: 248.681+/-0.138 χ^2/NDF : 85697.8/4

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

248.681+/-0.138 χ^2/NDF : 85697.8/4

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

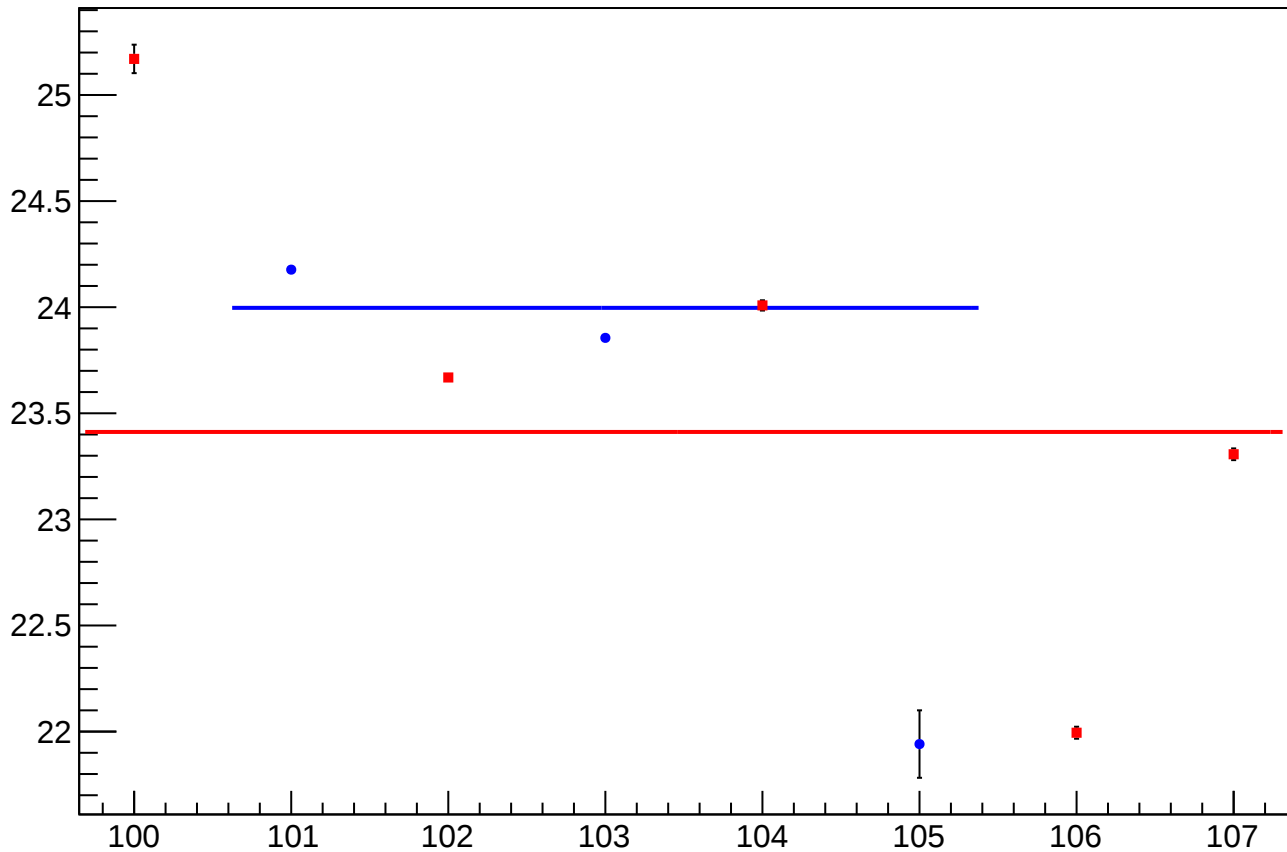
Right Out: -26.283 $\pm$ 17.615 χ^2 /NDF: 1.8/4

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

-28.293 $\pm$ 22.239 χ^2 /NDF: 0.5/2

-26.283 $\pm$ 17.615 χ^2 /NDF: 1.8/4

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs slug



Right In: 23.997 $\pm$ 0.016 χ^2 /NDF: 272.3/2

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

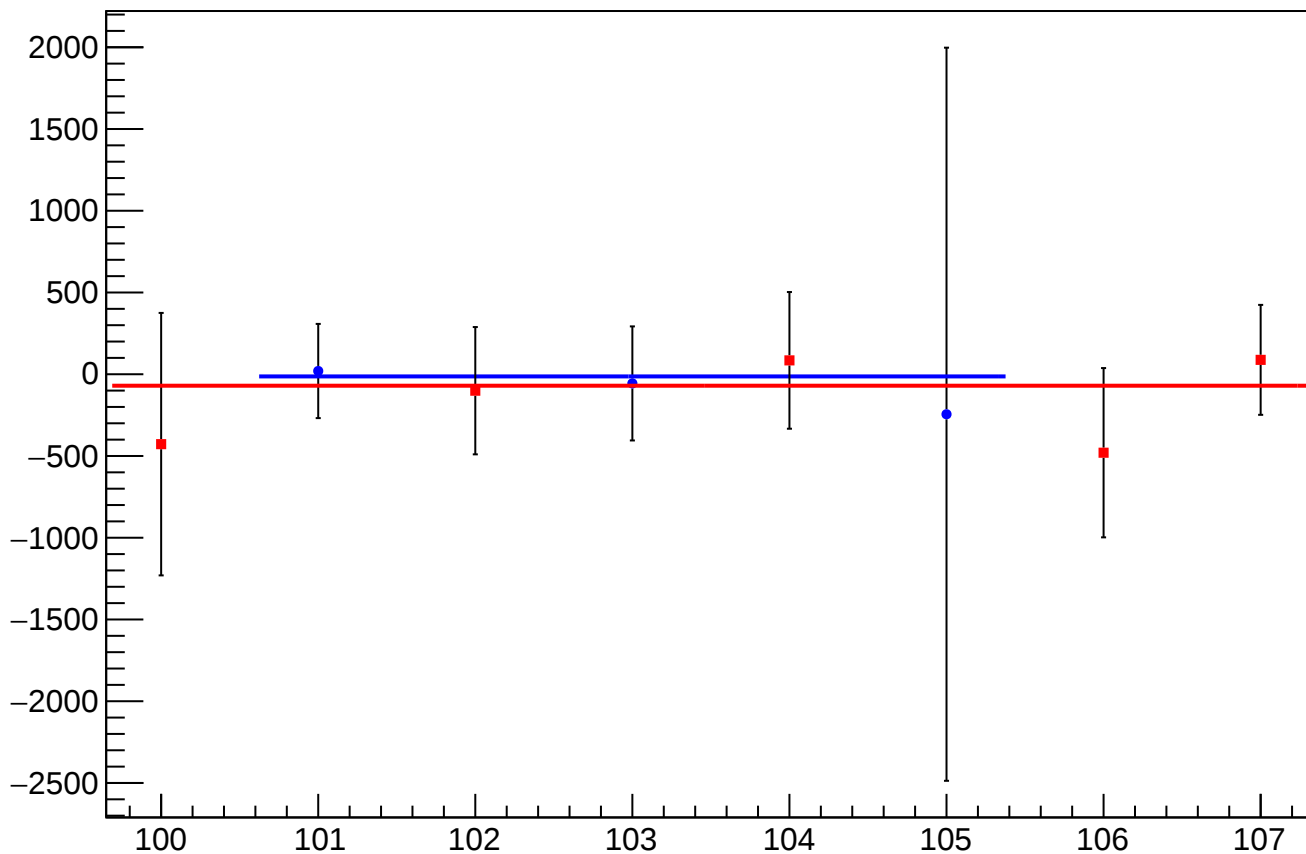
Right Out: 23.412 $\pm$ 0.012 χ^2 /NDF: 3950.0/4

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

23.997 $\pm$ 0.016 χ^2 /NDF: 272.3/2

23.412 $\pm$ 0.012 χ^2 /NDF: 3950.0/4

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

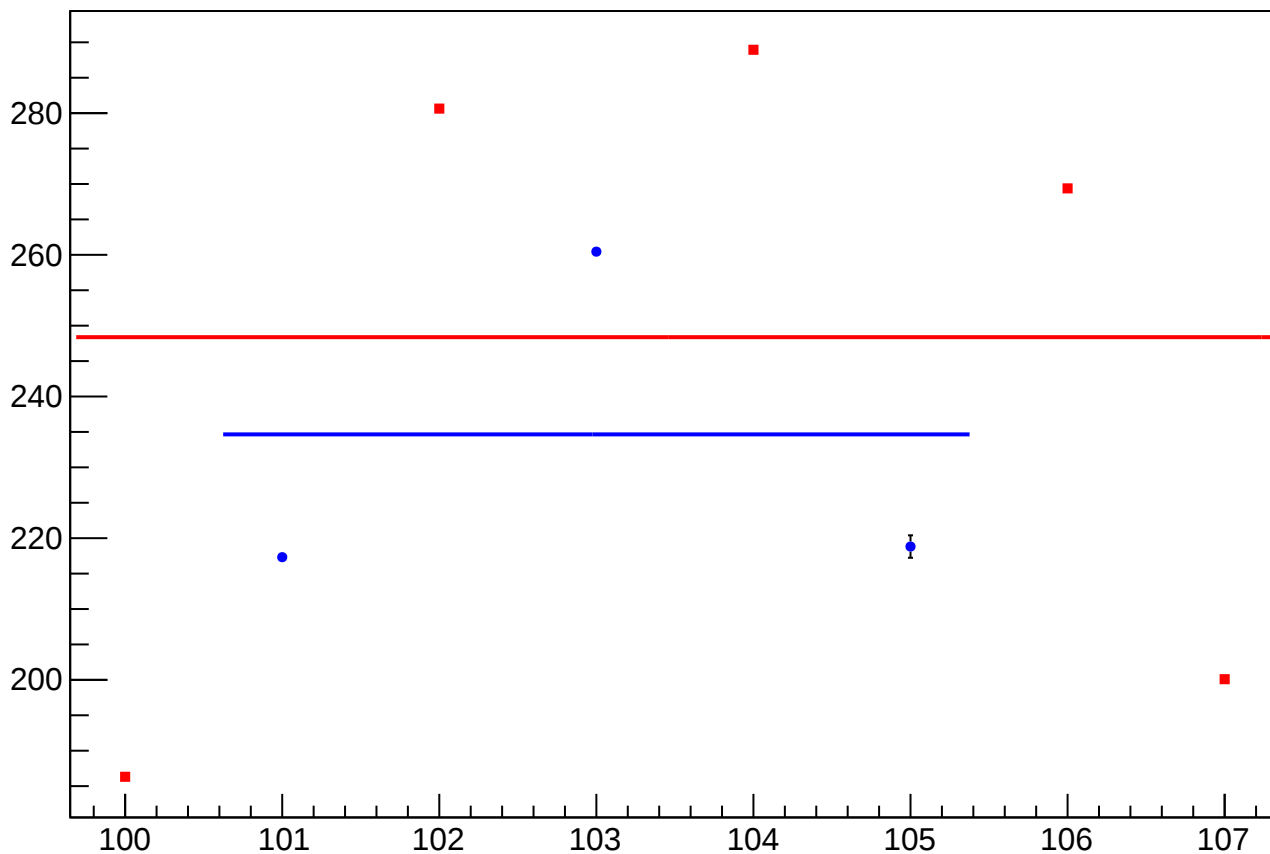
Right Out: -70.138+/-194.451 χ^2/NDF : 1.2/4

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

-13.278+/-221.062 χ^2/NDF : 0.0/2

-70.138+/-194.451 χ^2/NDF : 1.2/4

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

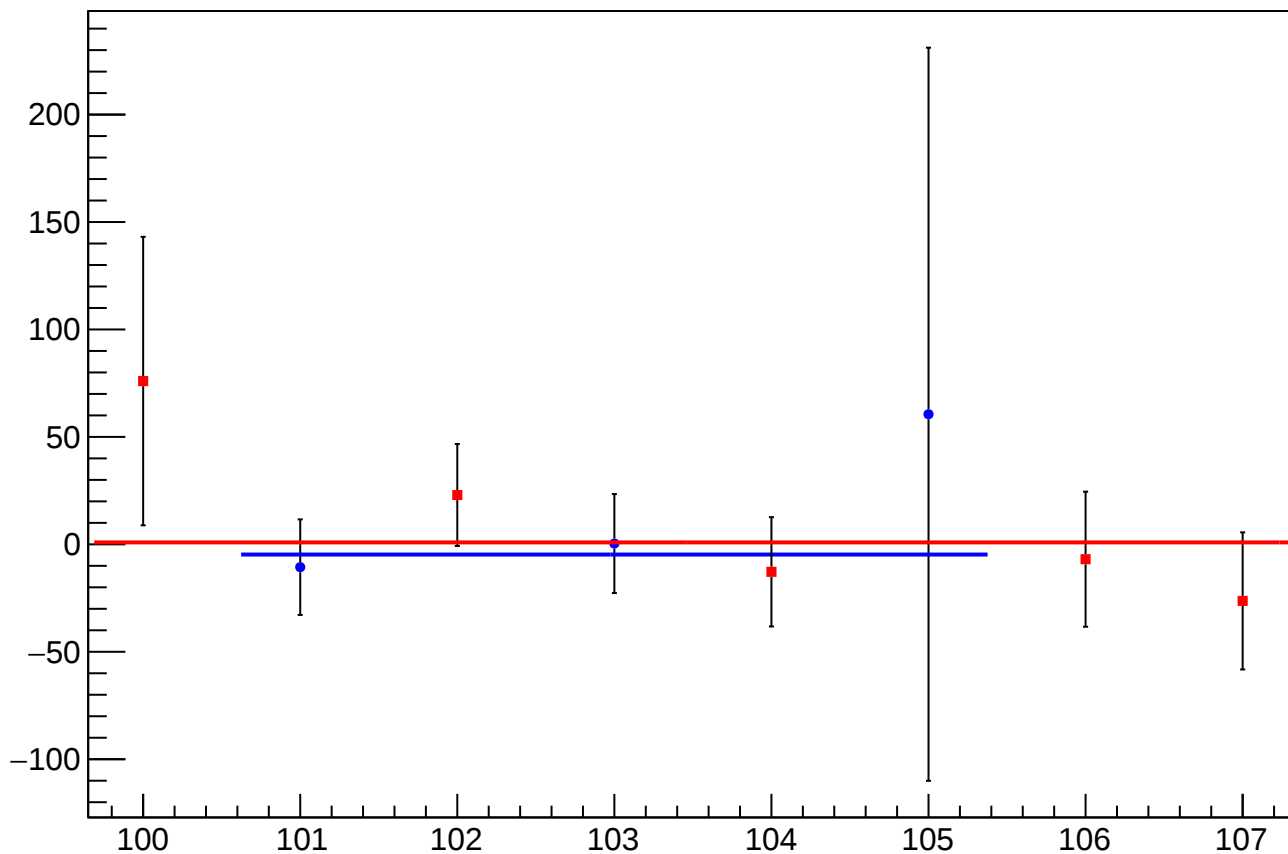
234.654 $\pm$ 0.156 χ^2 /NDF: 18274.9/2

Right Out: 248.377 $\pm$ 0.137 χ^2 /NDF: 89057.3/4

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

248.377 $\pm$ 0.137 χ^2 /NDF: 89057.3/4

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

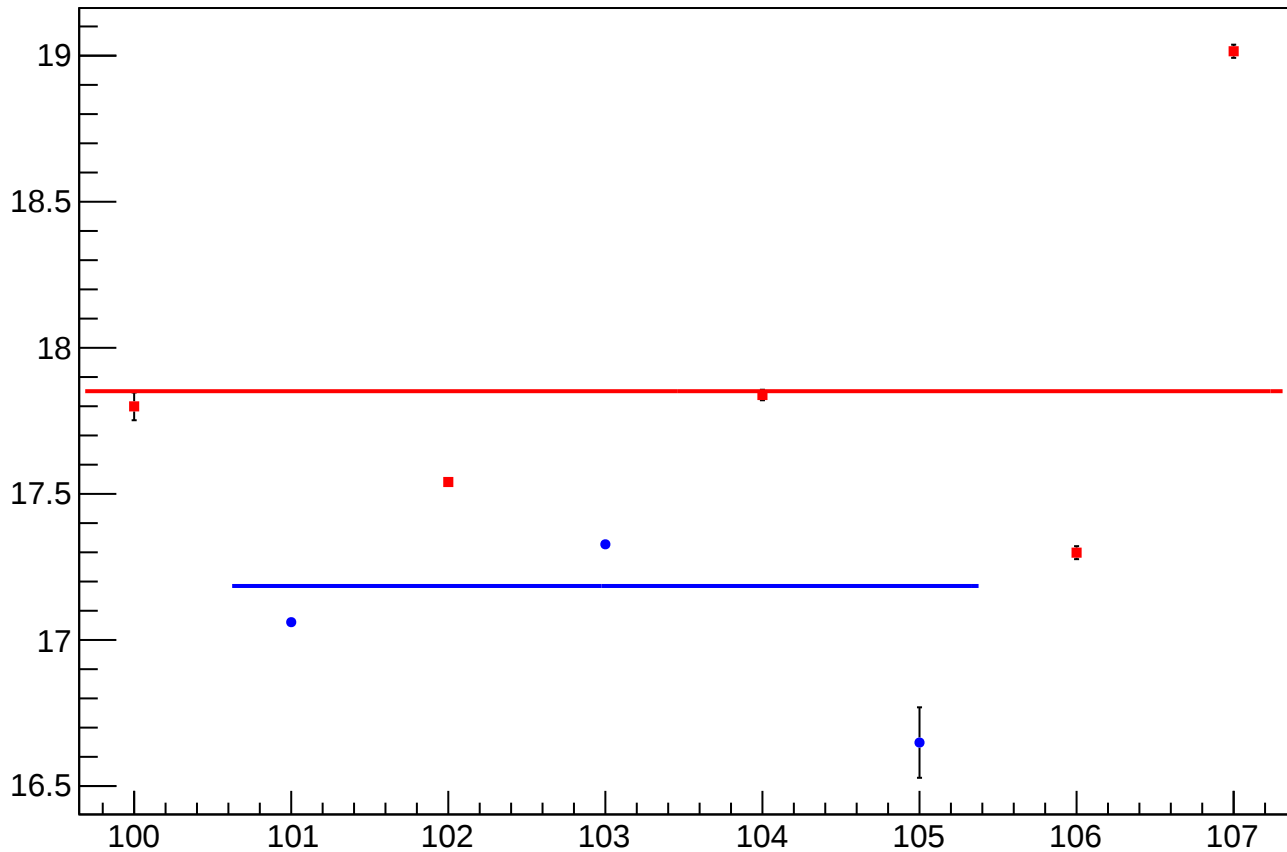
Right Out: 0.908+/-13.438 χ^2/NDF : 3.2/4

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

-4.745+/-15.928 χ^2/NDF : 0.3/2

0.908+/-13.438 χ^2/NDF : 3.2/4

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs slug



Right In: 17.185 $\pm$ 0.011 χ^2 /NDF: 158.5/2

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

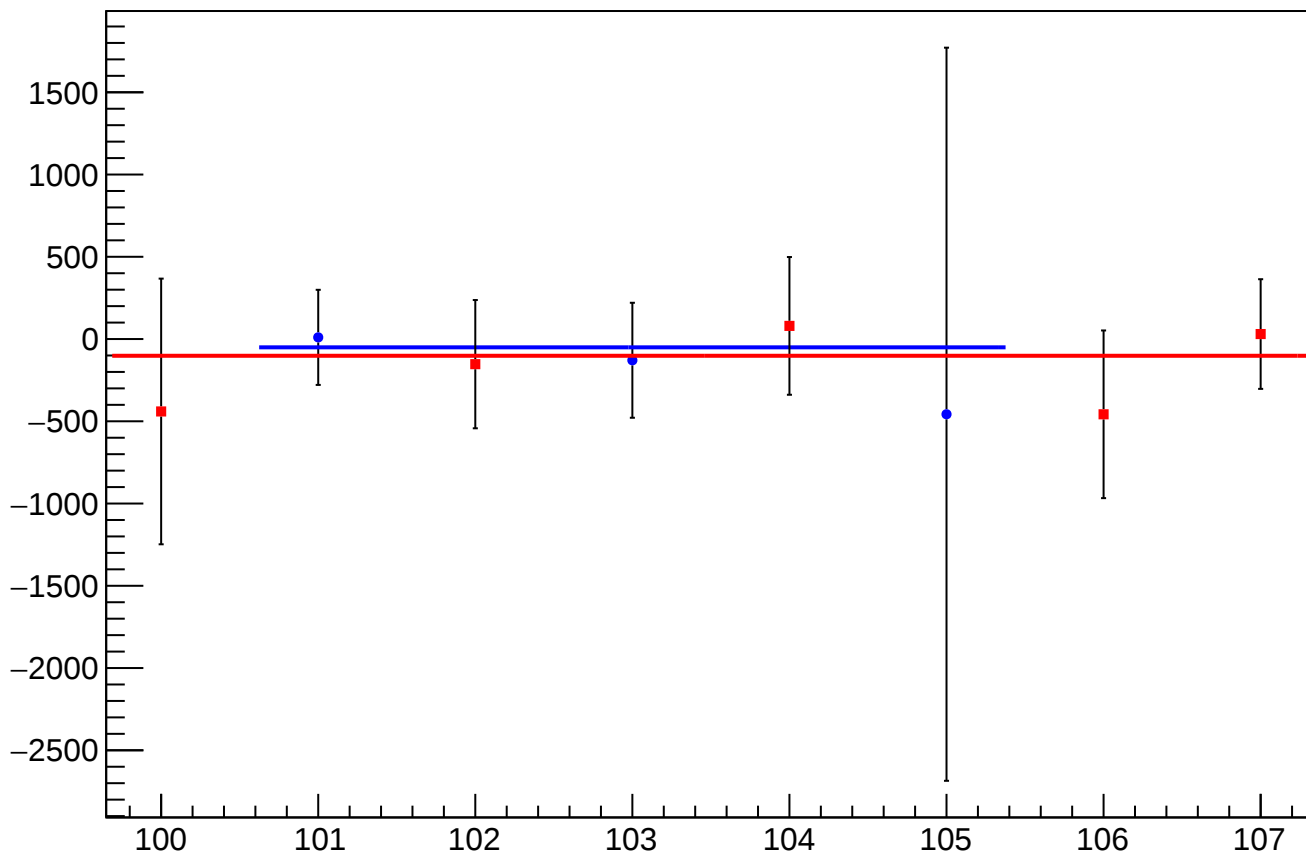
Right Out: 17.852 $\pm$ 0.010 χ^2 /NDF: 3623.8/4

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

17.185 $\pm$ 0.011 χ^2 /NDF: 158.5/2

17.852 $\pm$ 0.010 χ^2 /NDF: 3623.8/4

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs slug



Right In: -50.458+/-221.652 χ^2/NDF : 0.1/2

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

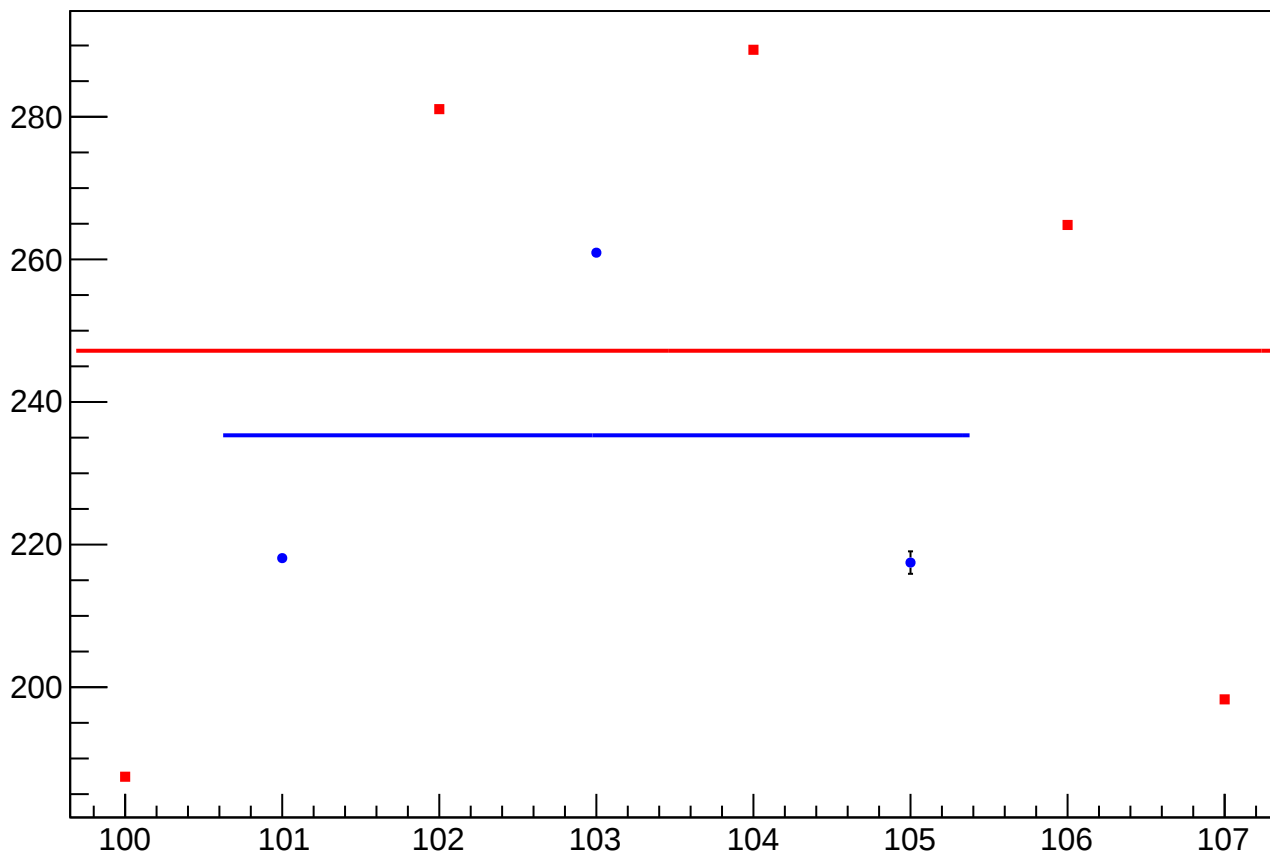
Right Out: -101.735+/-193.642 χ^2/NDF : 1.0/4

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

-50.458+/-221.652 χ^2/NDF : 0.1/2

-101.735+/-193.642 χ^2/NDF : 1.0/4

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs slug



Right In: 235.327 $\pm$ 0.157 χ^2 /NDF: 17971.8/2

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

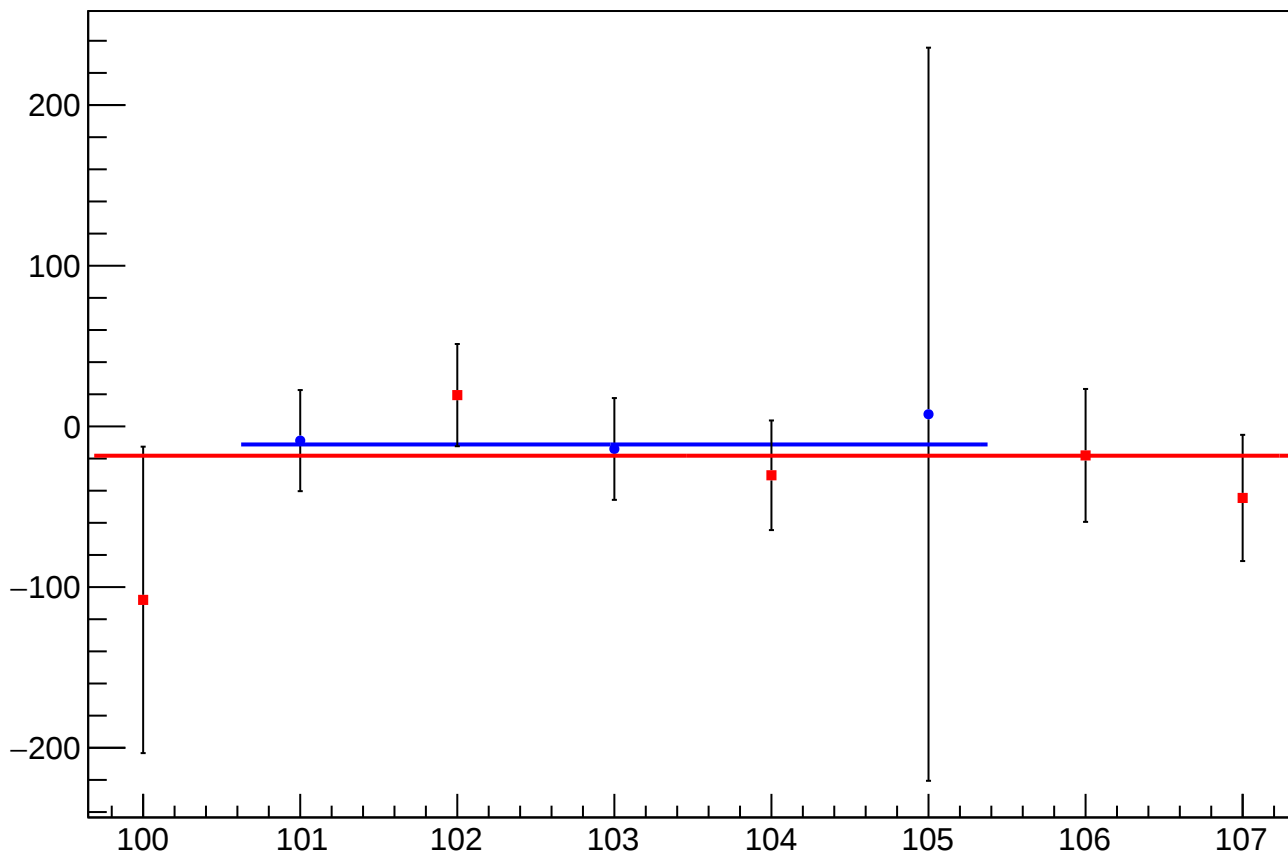
235.327 $\pm$ 0.157 χ^2 /NDF: 17971.8/2

Right Out: 247.188 $\pm$ 0.137 χ^2 /NDF: 91821.2/4

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

247.188 $\pm$ 0.137 χ^2 /NDF: 91821.2/4

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs slug



Right In: -11.232 ± 22.217 χ^2/NDF : 0.0/2

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

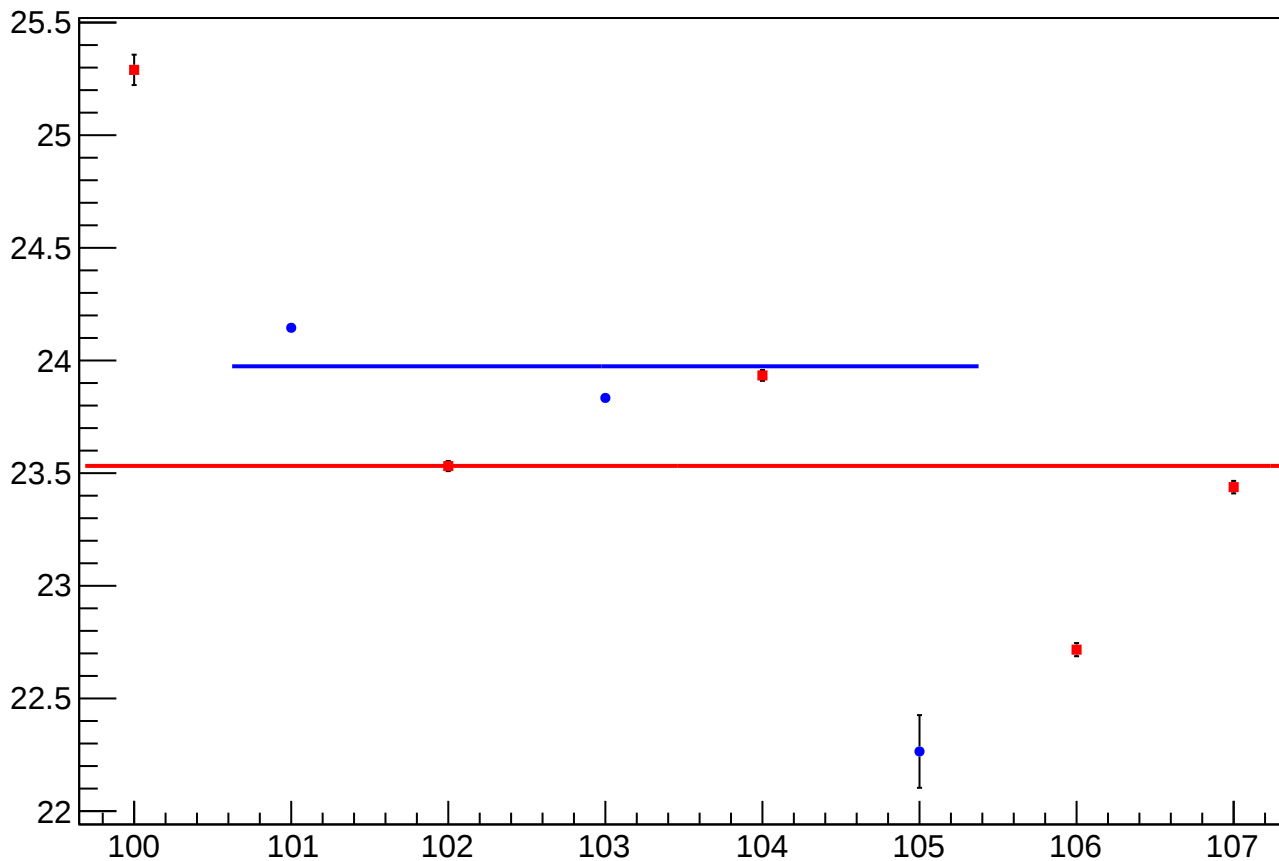
Right Out: -18.229 ± 17.704 χ^2/NDF : 2.9/4

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

-11.232 ± 22.217 χ^2/NDF : 0.0/2

-18.229 ± 17.704 χ^2/NDF : 2.9/4

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

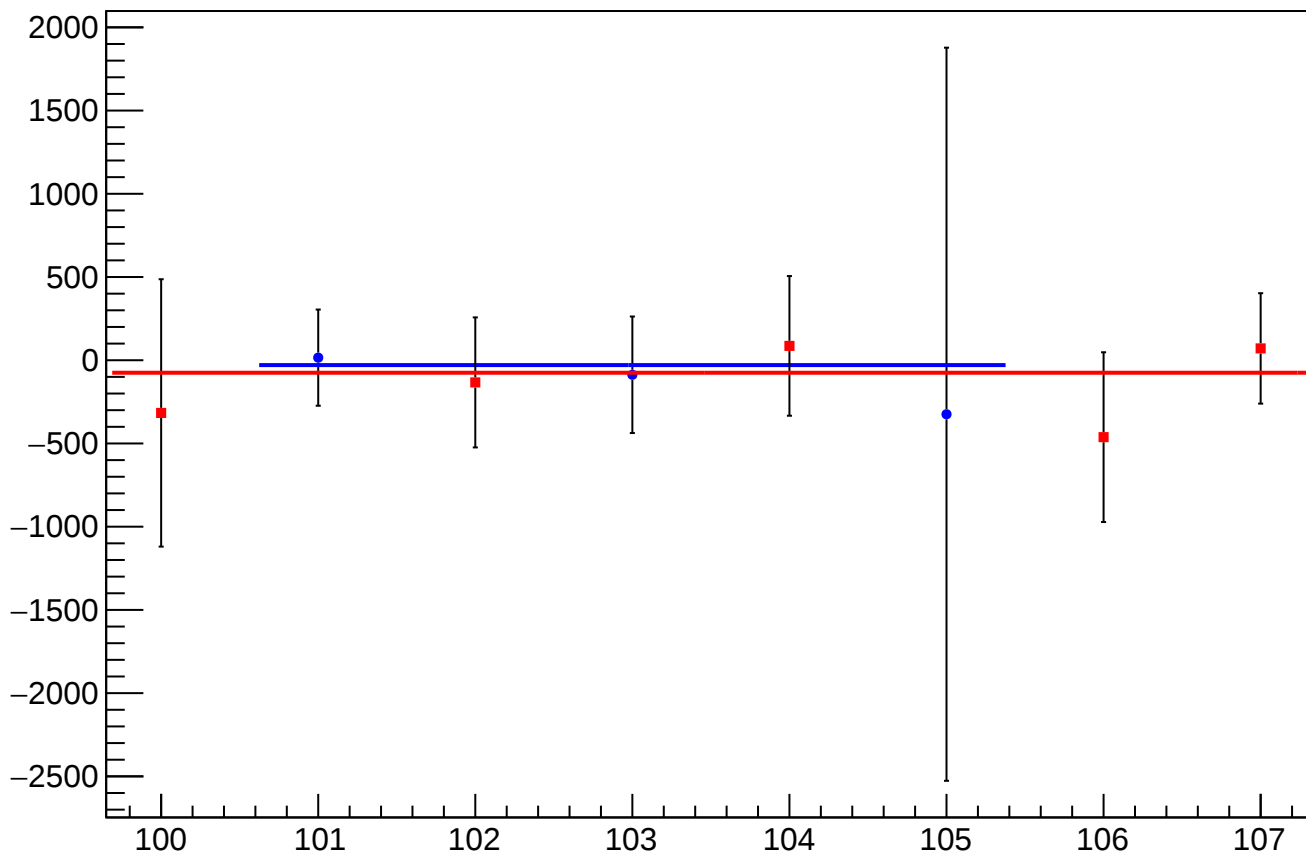
23.974+/-0.016 χ^2/NDF : 210.6/2

Right Out: 23.532+/-0.013 χ^2/NDF : 1745.9/4

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

23.532+/-0.013 χ^2/NDF : 1745.9/4

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs slug



Right In: -29.144+/-221.696 χ^2/NDF : 0.1/2

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

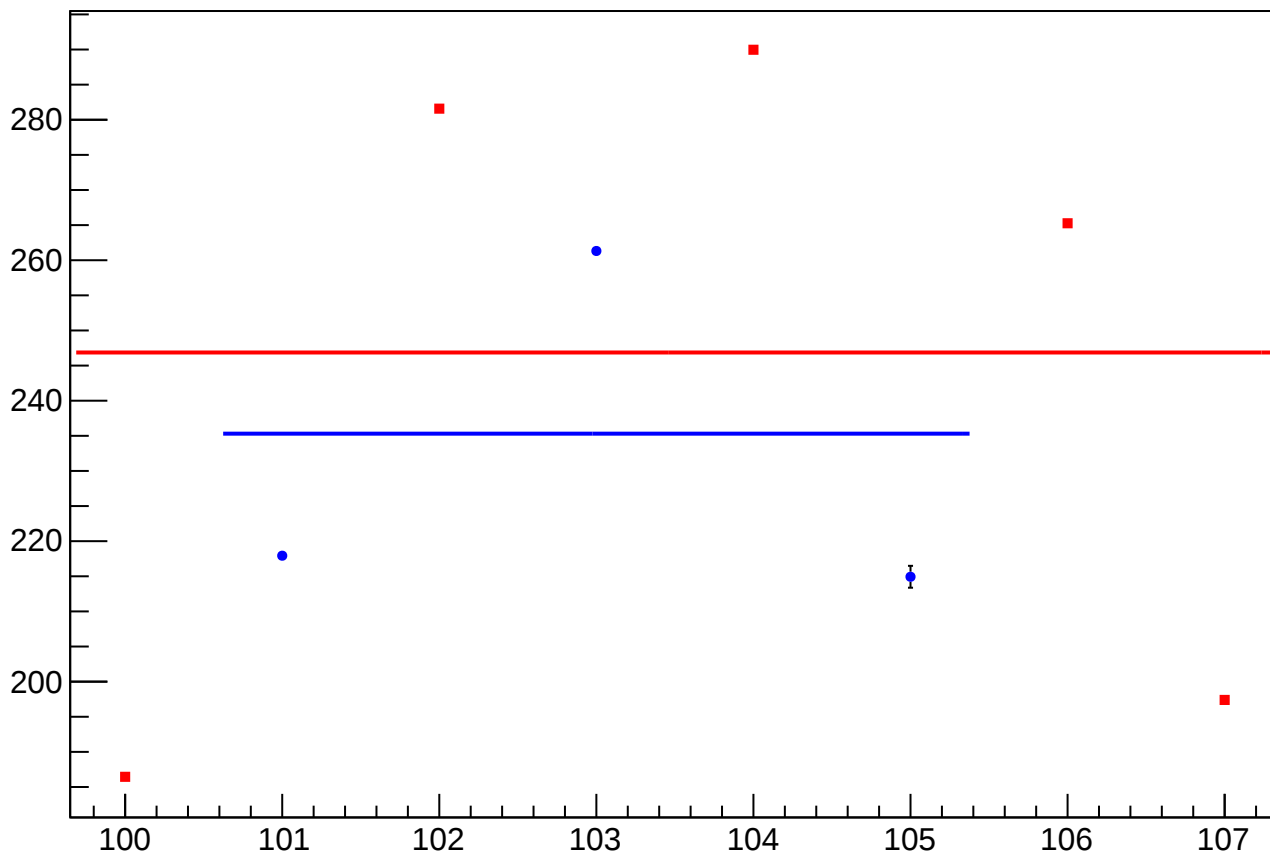
Right Out: -75.034+/-193.459 χ^2/NDF : 1.0/4

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

-29.144+/-221.696 χ^2/NDF : 0.1/2

-75.034+/-193.459 χ^2/NDF : 1.0/4

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

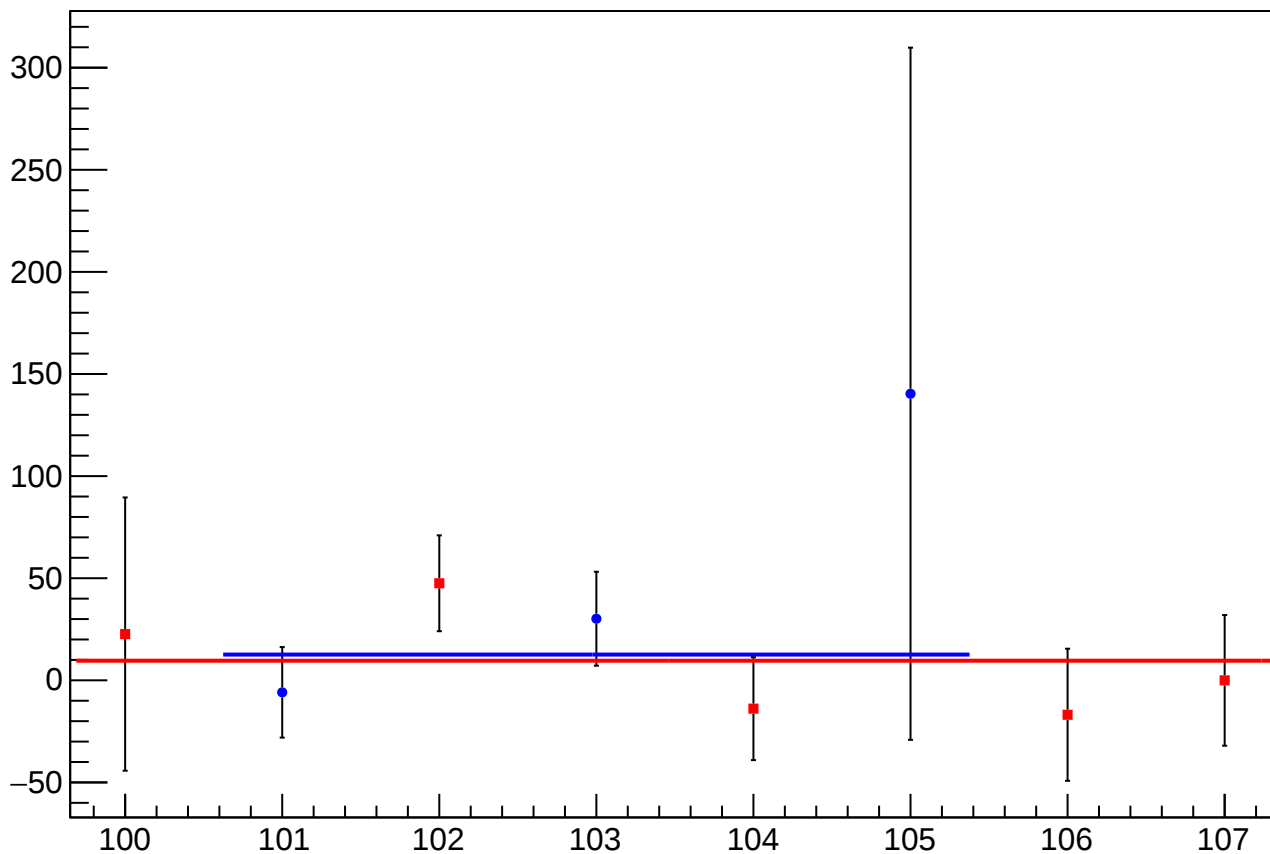
235.307 $\pm$ 0.157 χ^2 /NDF: 18449.1/2

Right Out: 246.864 $\pm$ 0.137 χ^2 /NDF: 95303.8/4

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

246.864 $\pm$ 0.137 χ^2 /NDF: 95303.8/4

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

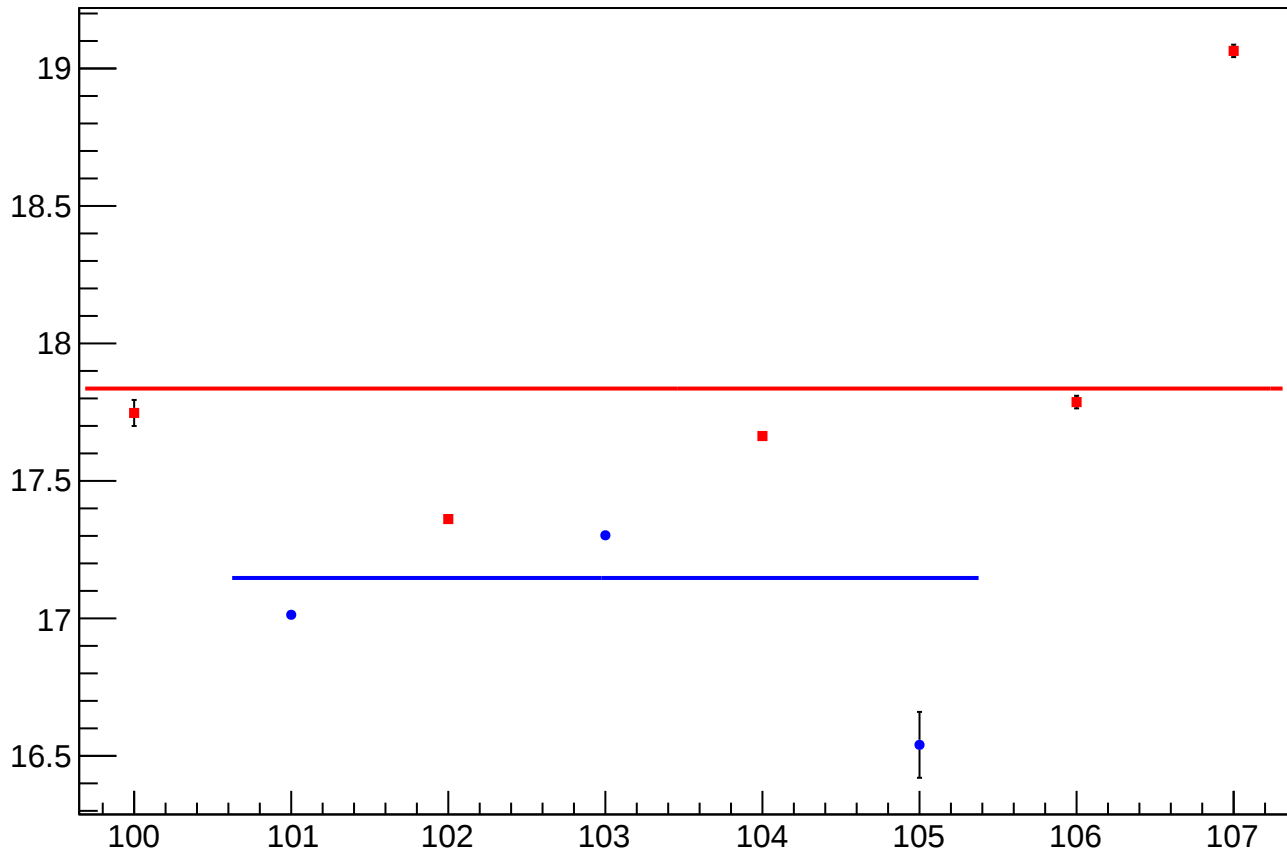
Right Out: 9.605+/-13.427 χ^2/NDF : 4.3/4

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

12.613+/-15.892 χ^2/NDF : 1.8/2

9.605+/-13.427 χ^2/NDF : 4.3/4

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs slug



Right In: 17.147+/-0.011 χ^2/NDF : 189.7/2

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

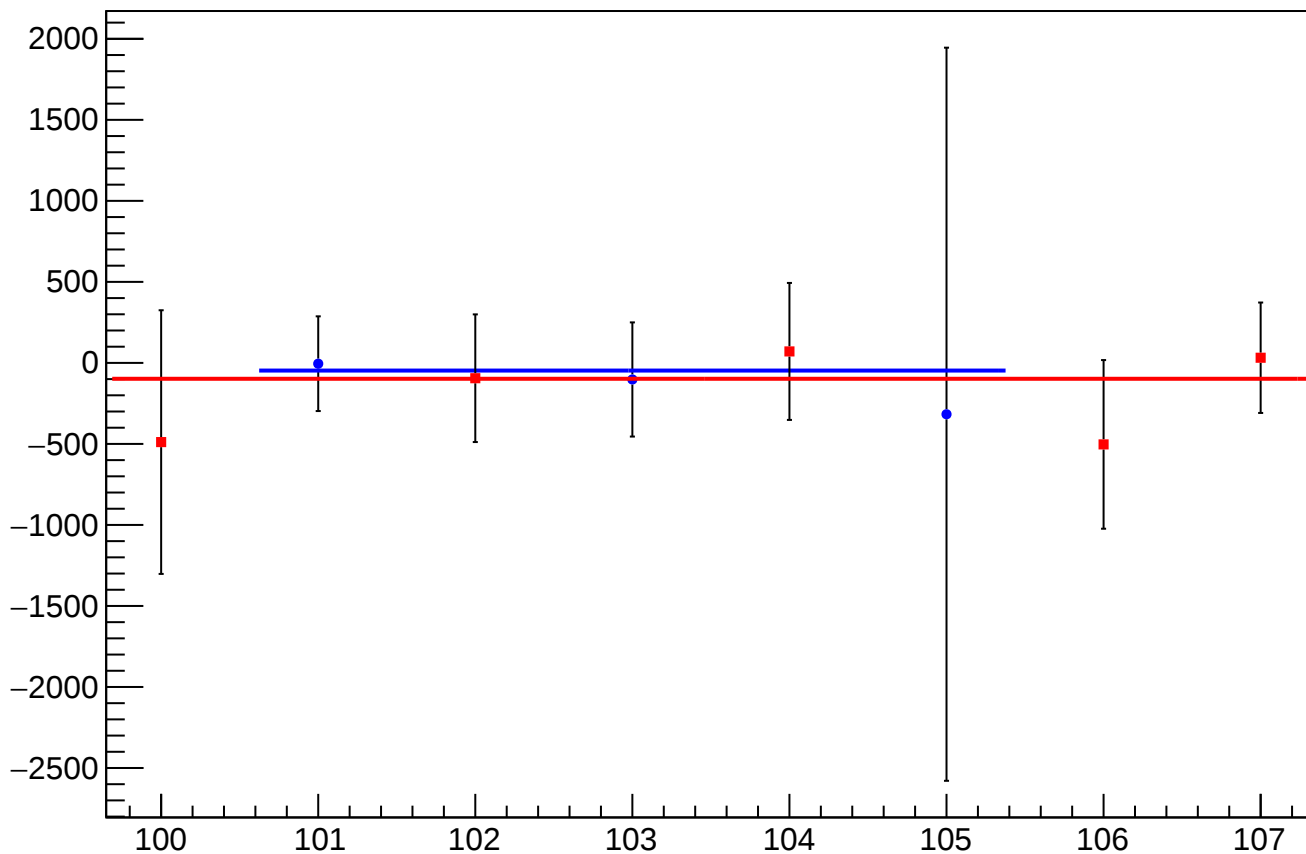
Right Out: 17.836+/-0.009 χ^2/NDF : 3867.5/4

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

17.147+/-0.011 χ^2/NDF : 189.7/2

17.836+/-0.009 χ^2/NDF : 3867.5/4

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs slug



Right In: -47.267+/-223.831 χ^2/NDF : 0.1/2

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

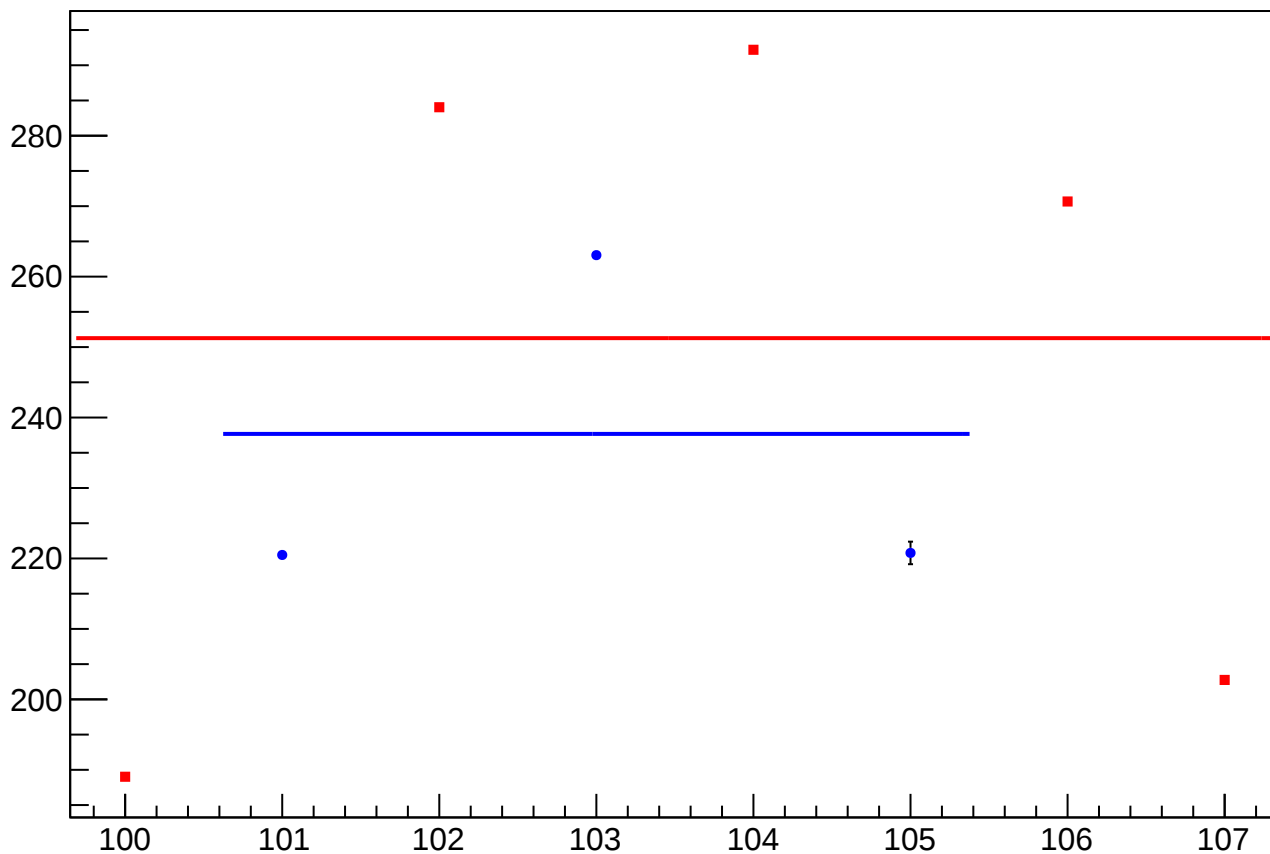
Right Out: -97.994+/-196.657 χ^2/NDF : 1.1/4

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

-47.267+/-223.831 χ^2/NDF : 0.1/2

-97.994+/-196.657 χ^2/NDF : 1.1/4

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

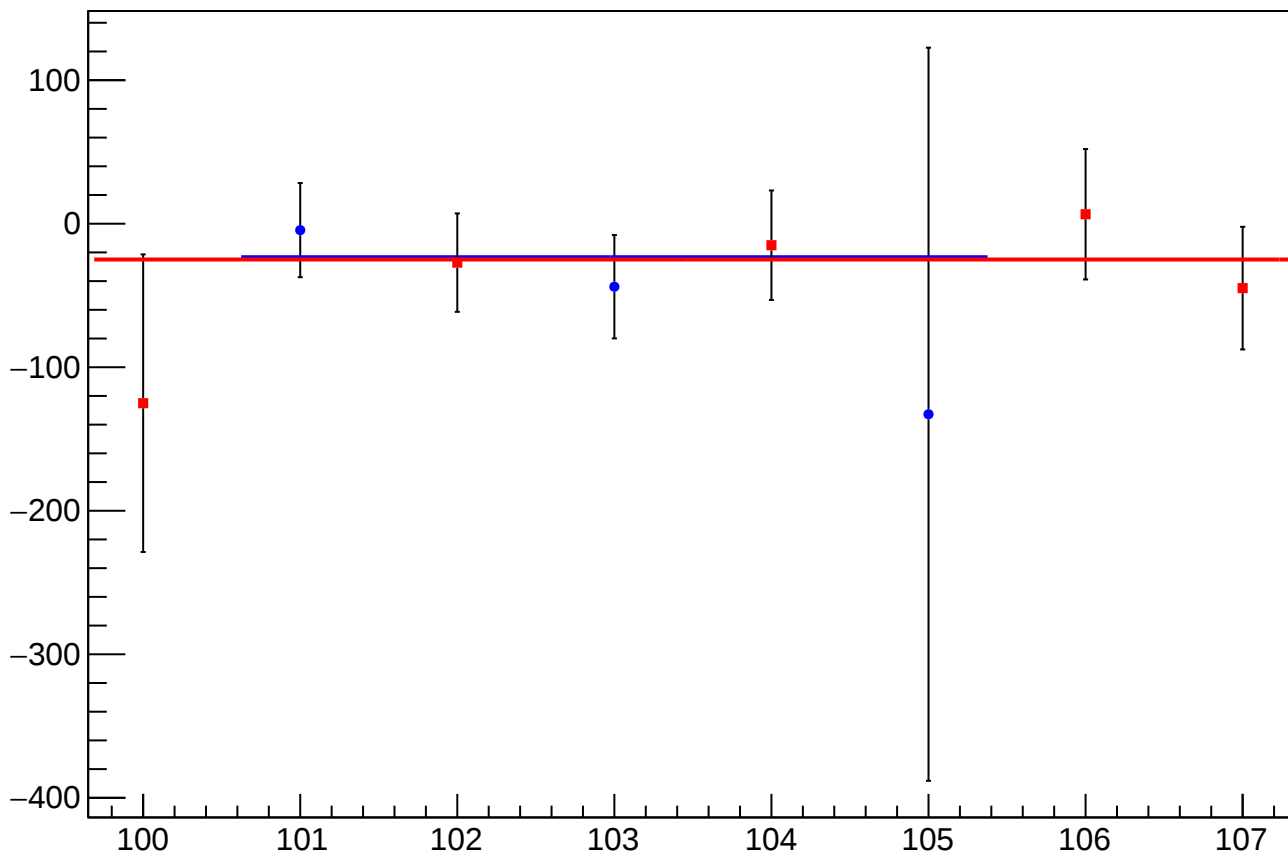
237.677 $\pm$ 0.158 χ^2 /NDF: 17396.1/2

Right Out: 251.268 $\pm$ 0.139 χ^2 /NDF: 87617.6/4

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

251.268 $\pm$ 0.139 χ^2 /NDF: 87617.6/4

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

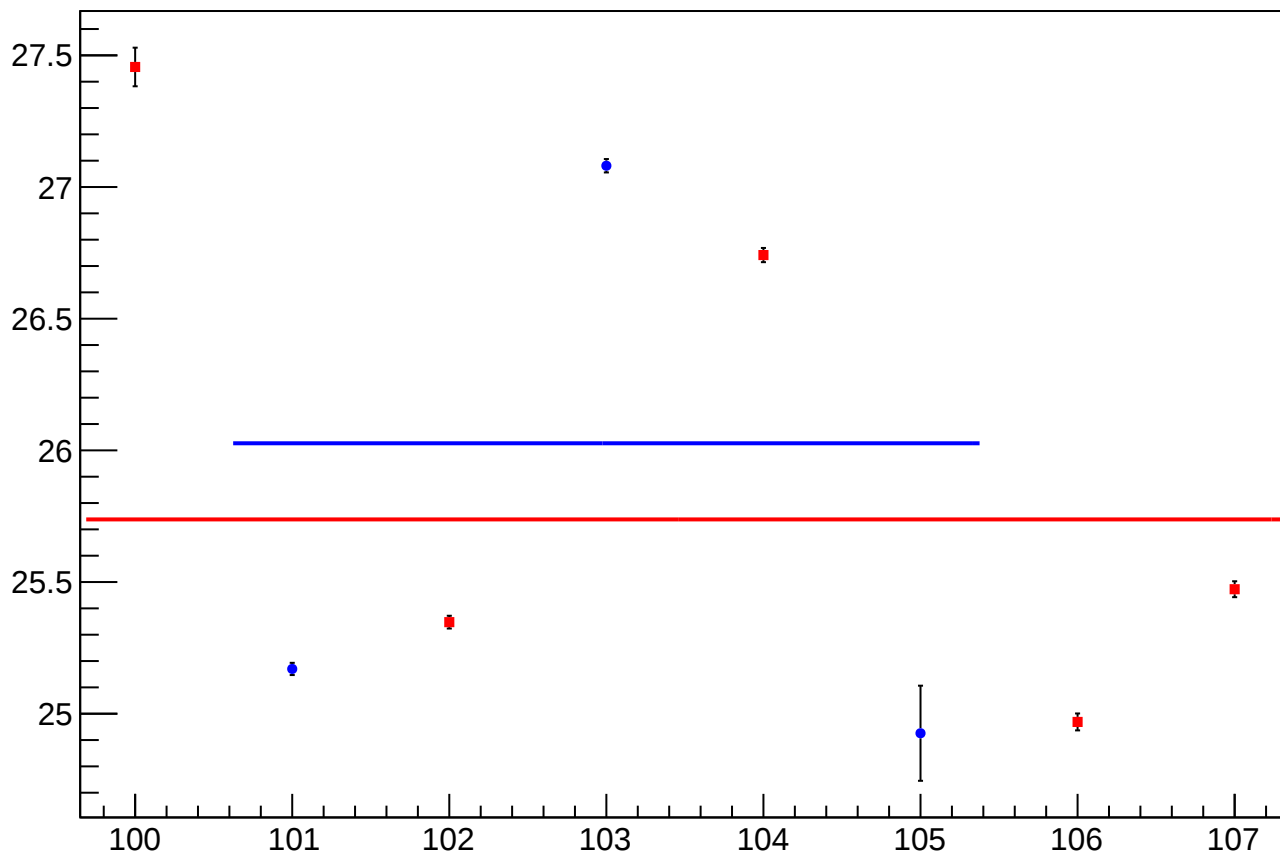
Right Out: -24.936+/-19.377 χ^2/NDF : 1.7/4

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

-23.351+/-24.148 χ^2/NDF : 0.8/2

-24.936+/-19.377 χ^2/NDF : 1.7/4

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

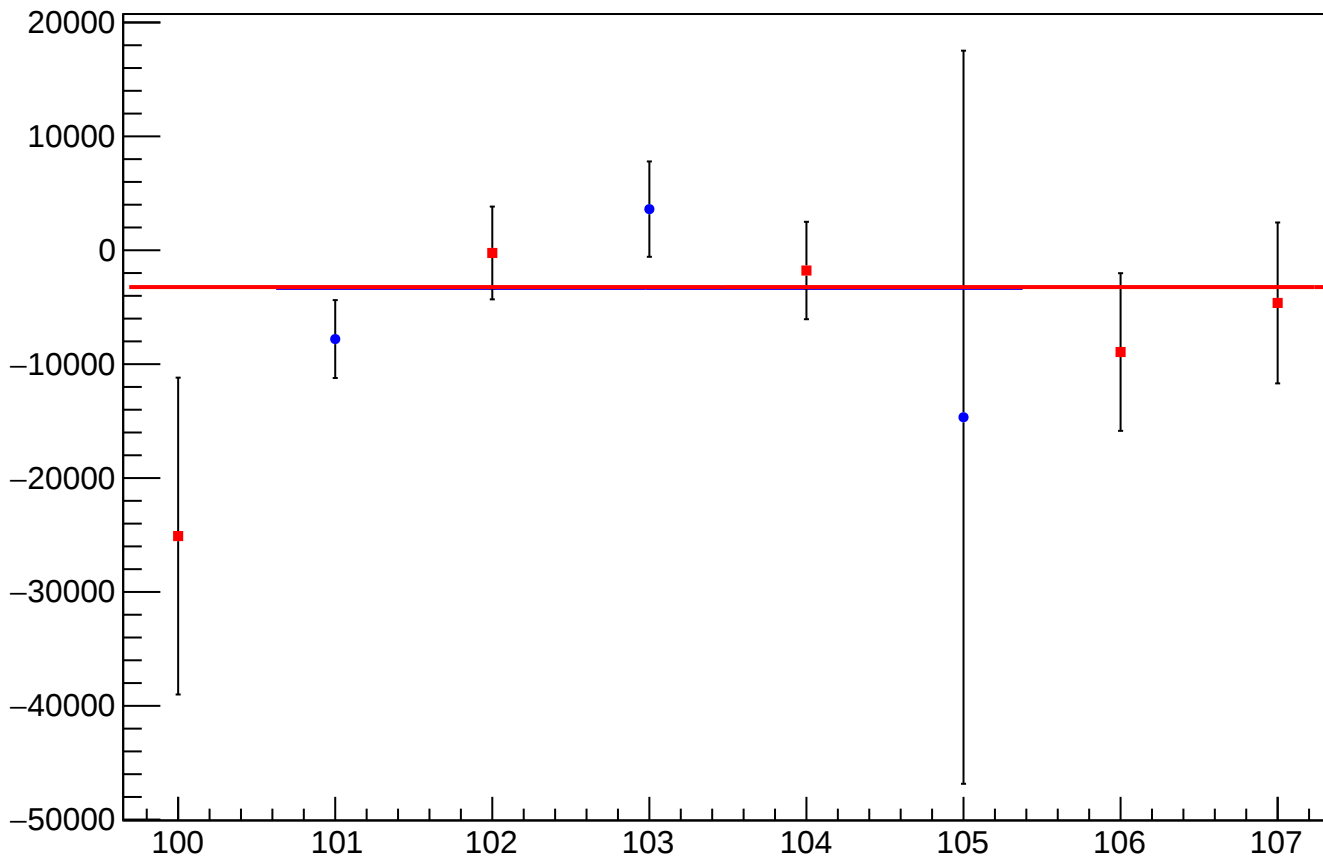
Right Out: 25.738+/-0.014 χ^2/NDF : 2842.6/4

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

26.027+/-0.017 χ^2/NDF : 3113.5/2

25.738+/-0.014 χ^2/NDF : 2842.6/4

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs slug



Right In: -3305.329+/-2639.828 χ^2 /NDF: 4.6/2

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

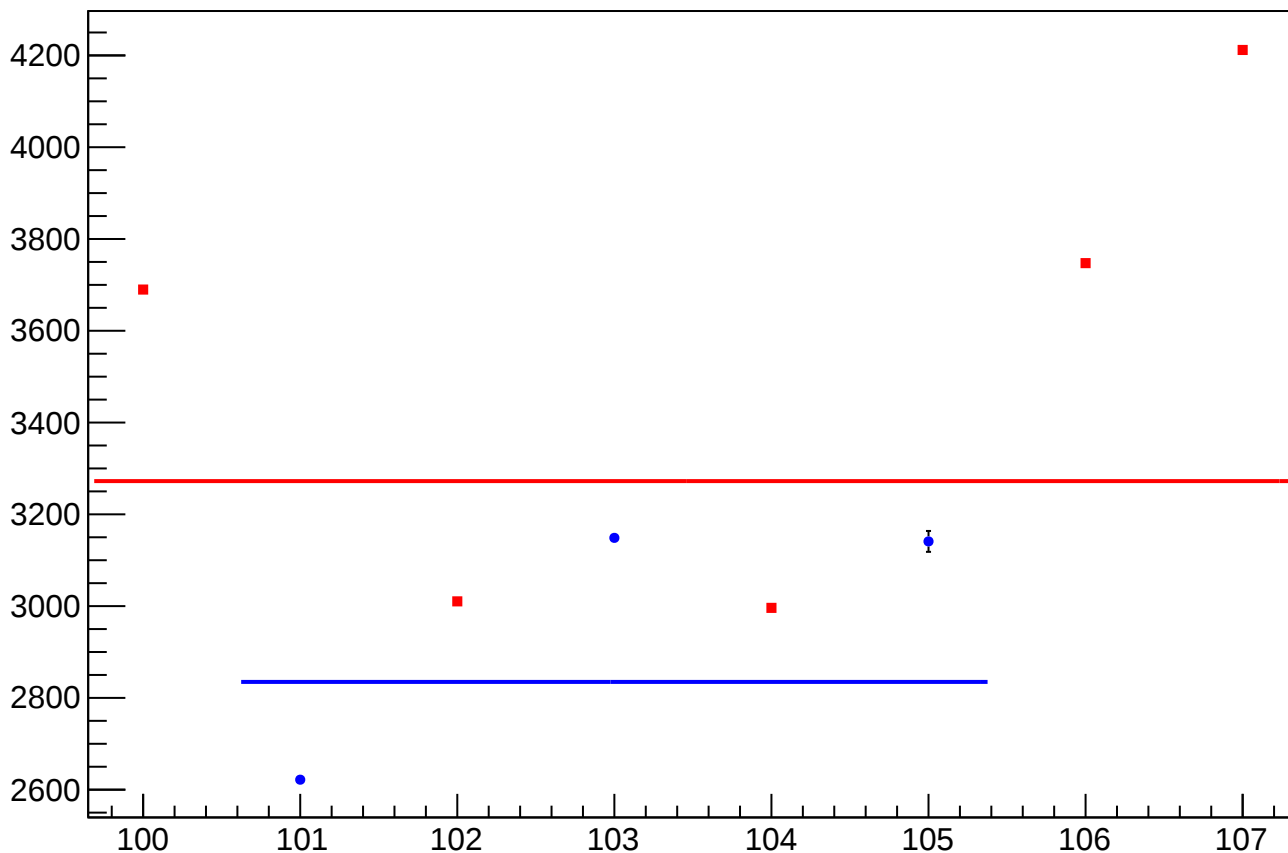
-3305.329+/-2639.828 χ^2 /NDF: 4.6/2

Right Out: -3231.825+/-2491.727 χ^2 /NDF: 3.8/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3231.825+/-2491.727 χ^2 /NDF: 3.8/4

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

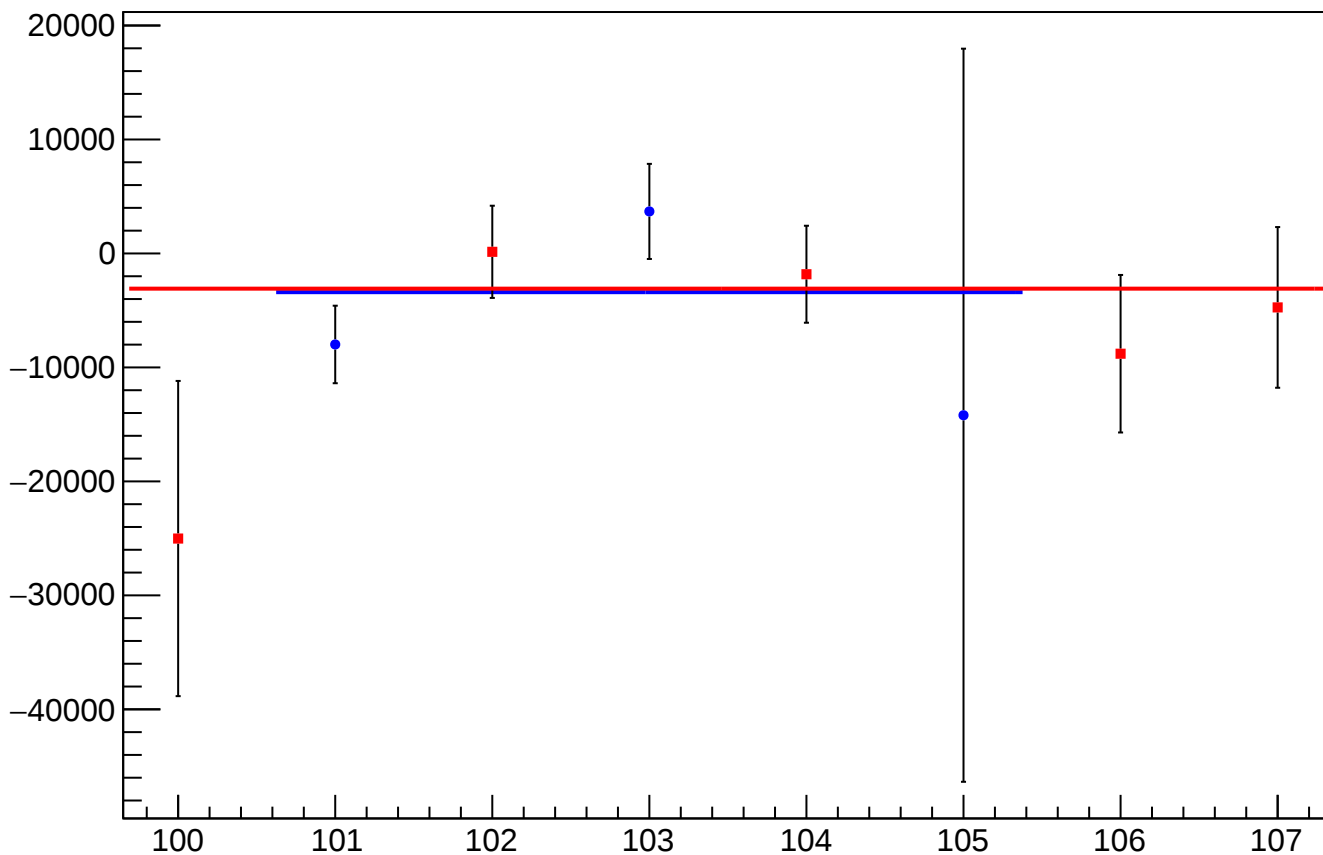
2834.834+/-1.867 χ^2/NDF : 19187.1/2

Right Out: 3272.422+/-1.762 χ^2/NDF : 63230.4/4

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

3272.422+/-1.762 χ^2/NDF : 63230.4/4

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

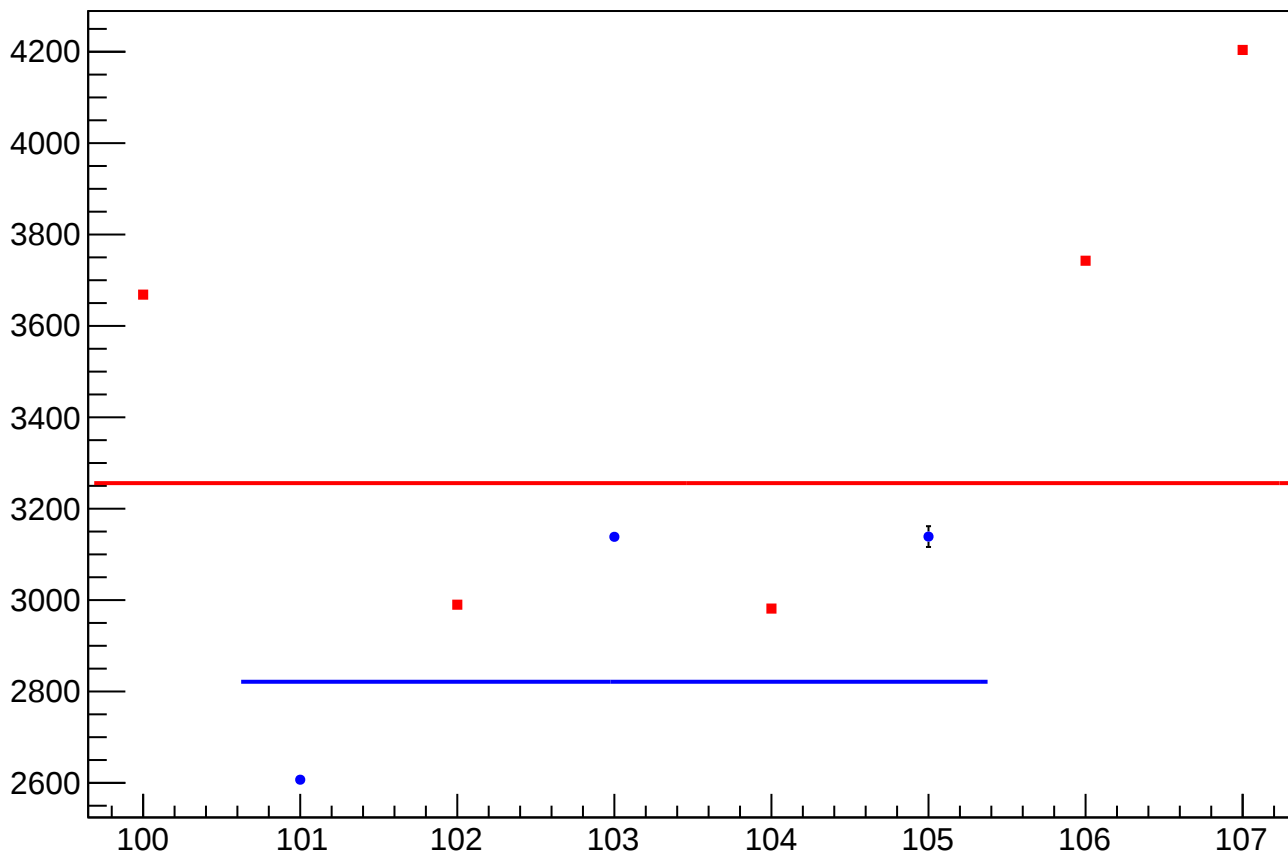
-3397.819+/-2627.445 χ^2 /NDF: 4.8/2

Right Out: -3088.360+/-2479.698 χ^2 /NDF: 4.0/4

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

-3088.360+/-2479.698 χ^2 /NDF: 4.0/4

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

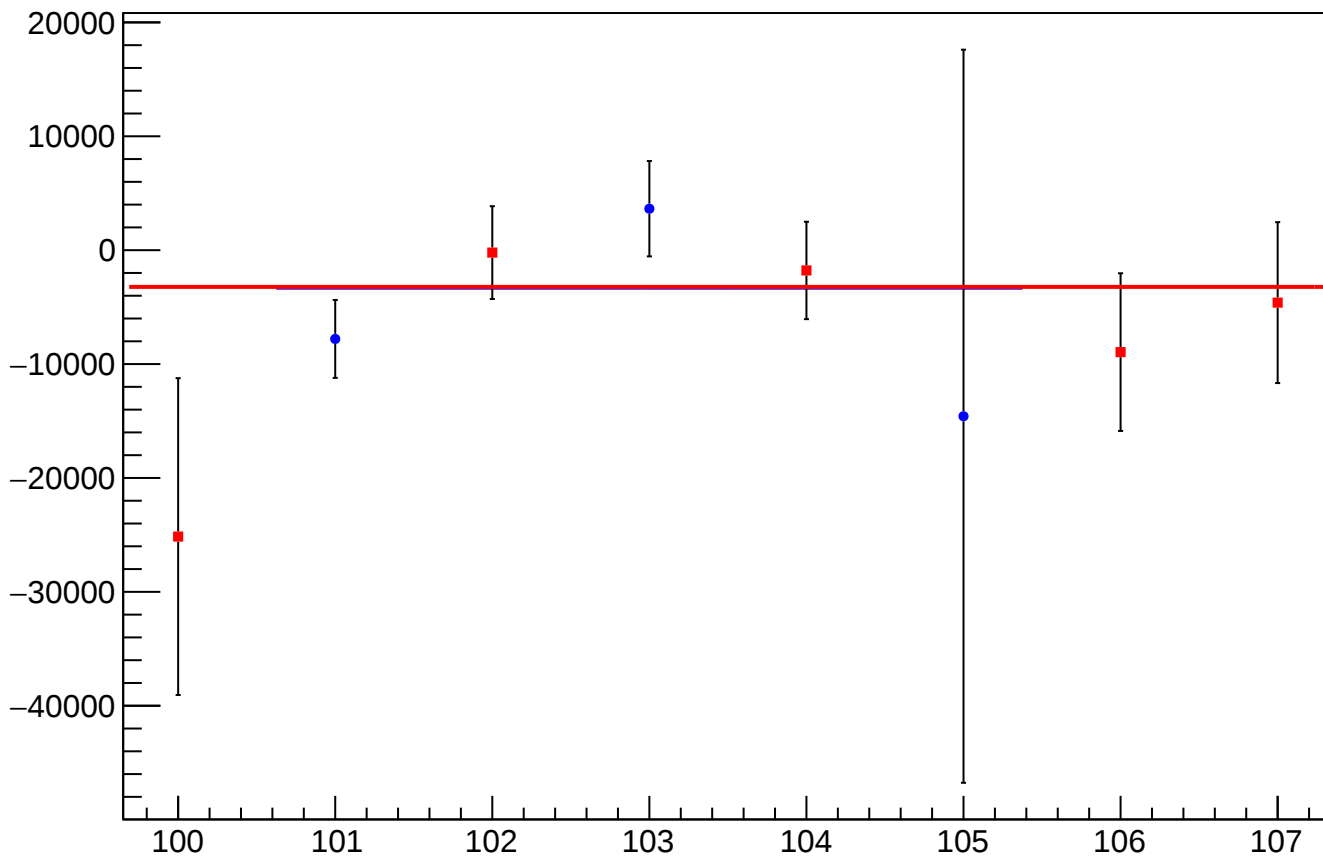
2821.280 $\pm$ 1.858 χ^2 /NDF: 19696.6/2

Right Out: 3255.969 $\pm$ 1.753 χ^2 /NDF: 64835.3/4

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

3255.969 $\pm$ 1.753 χ^2 /NDF: 64835.3/4

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

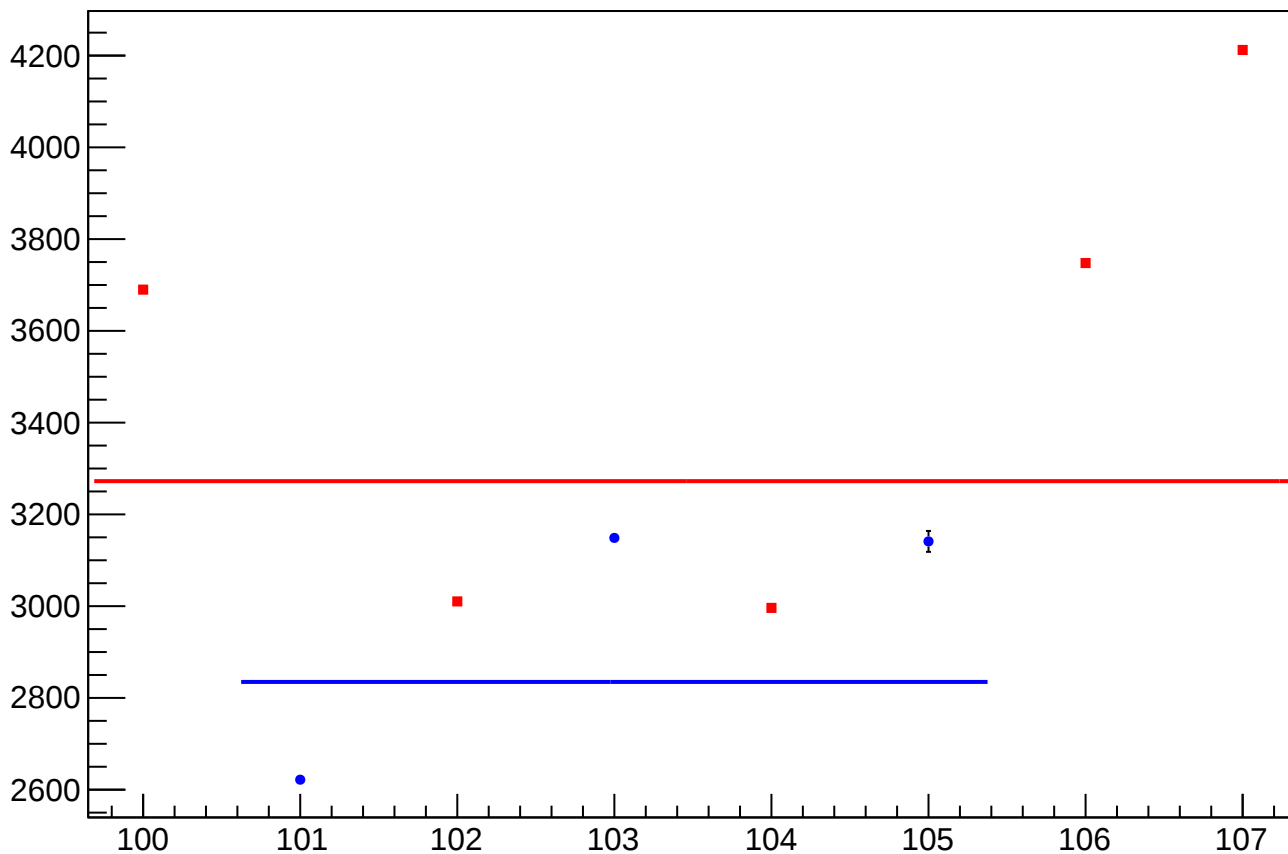
Right Out: -3223.317 $\pm$ 2491.793 χ^2 /NDF: 3.9/4

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

-3291.646 $\pm$ 2639.848 χ^2 /NDF: 4.6/2

-3223.317 $\pm$ 2491.793 χ^2 /NDF: 3.9/4

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs slug



Right In: 2834.856 $\pm$ 1.867 χ^2 /NDF: 19188.3/2

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

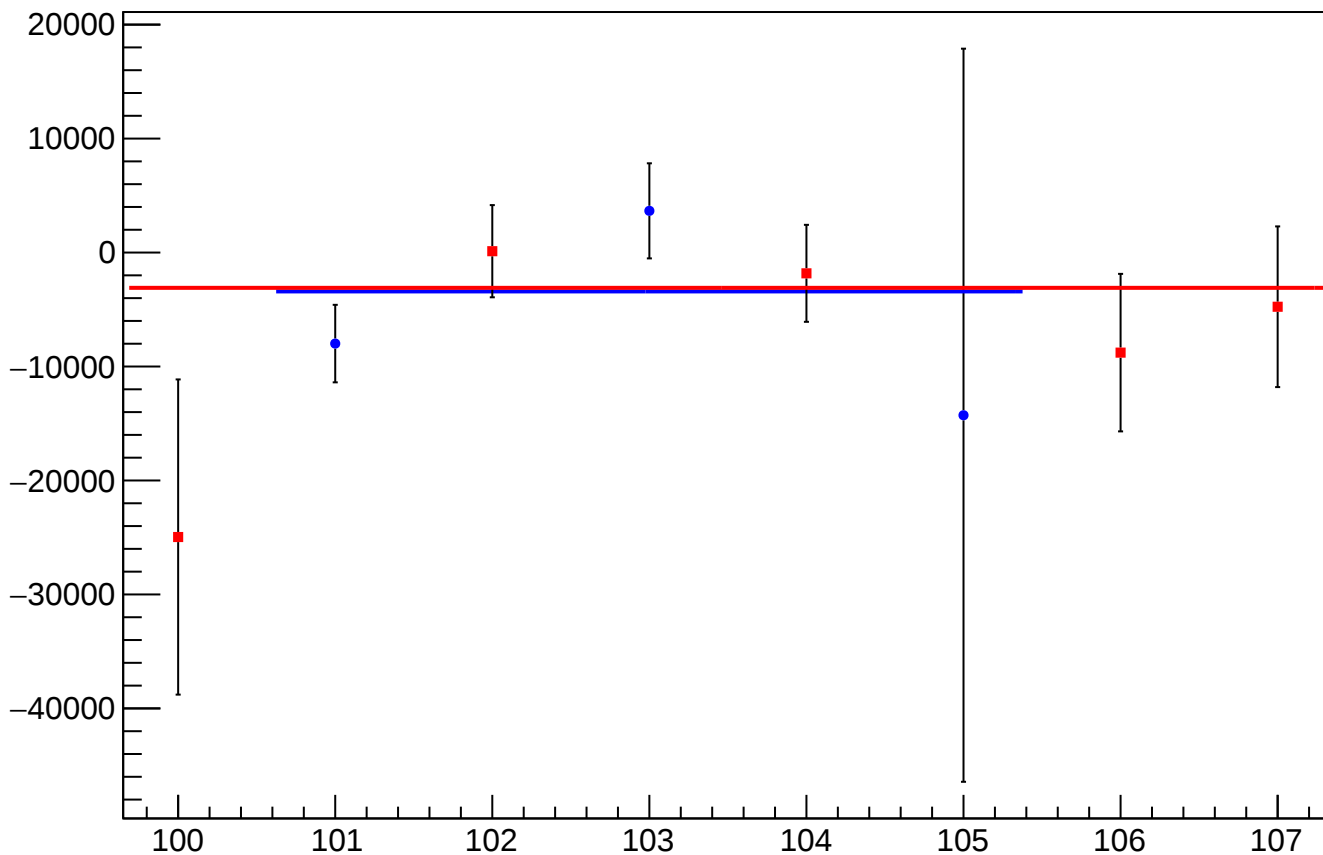
Right Out: 3272.489 $\pm$ 1.762 χ^2 /NDF: 63266.3/4

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

2834.856 $\pm$ 1.867 χ^2 /NDF: 19188.3/2

3272.489 $\pm$ 1.762 χ^2 /NDF: 63266.3/4

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

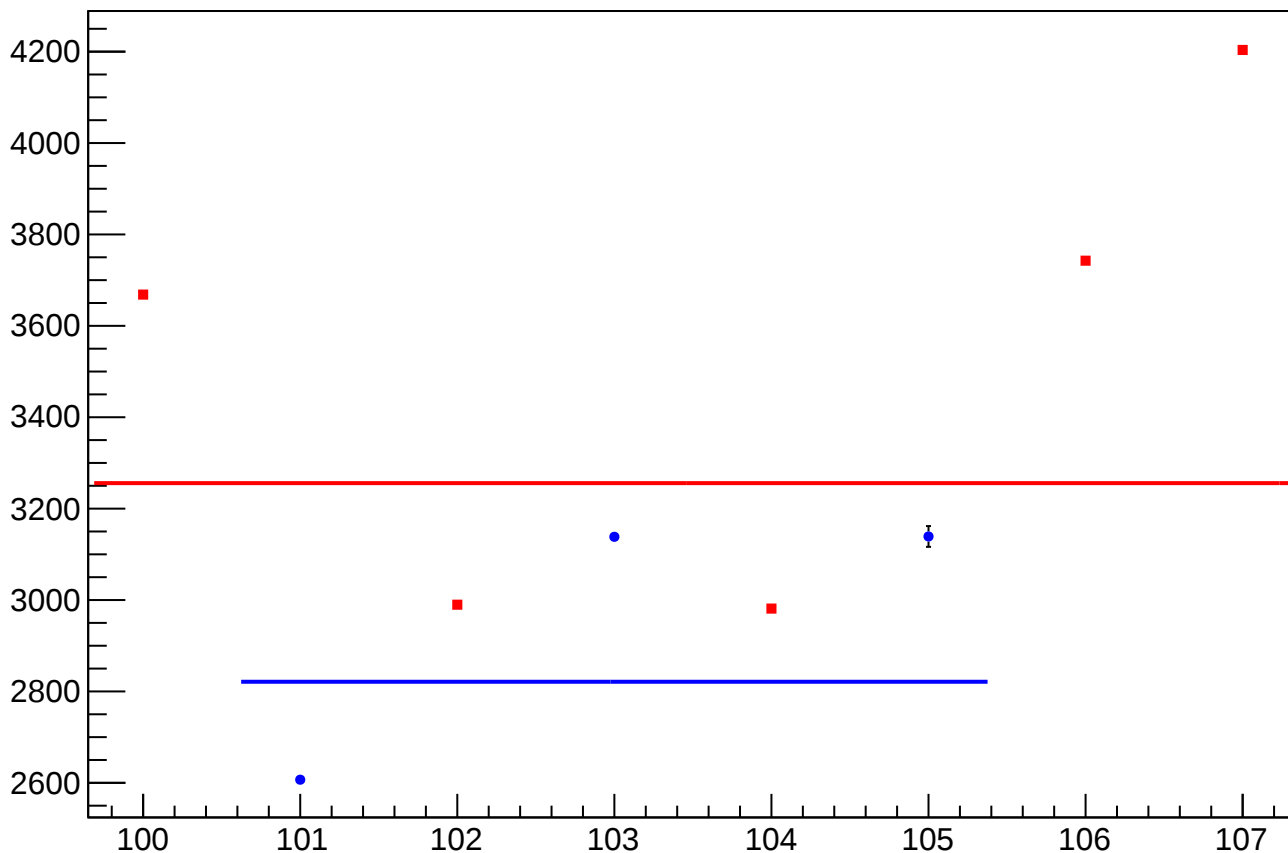
-3411.457+/-2627.351 χ^2 /NDF: 4.8/2

Right Out: -3096.108+/-2479.595 χ^2 /NDF: 4.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3096.108+/-2479.595 χ^2 /NDF: 4.0/4

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs slug



Right In: 2821.178+/-1.858 χ^2/NDF : 19696.8/2

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

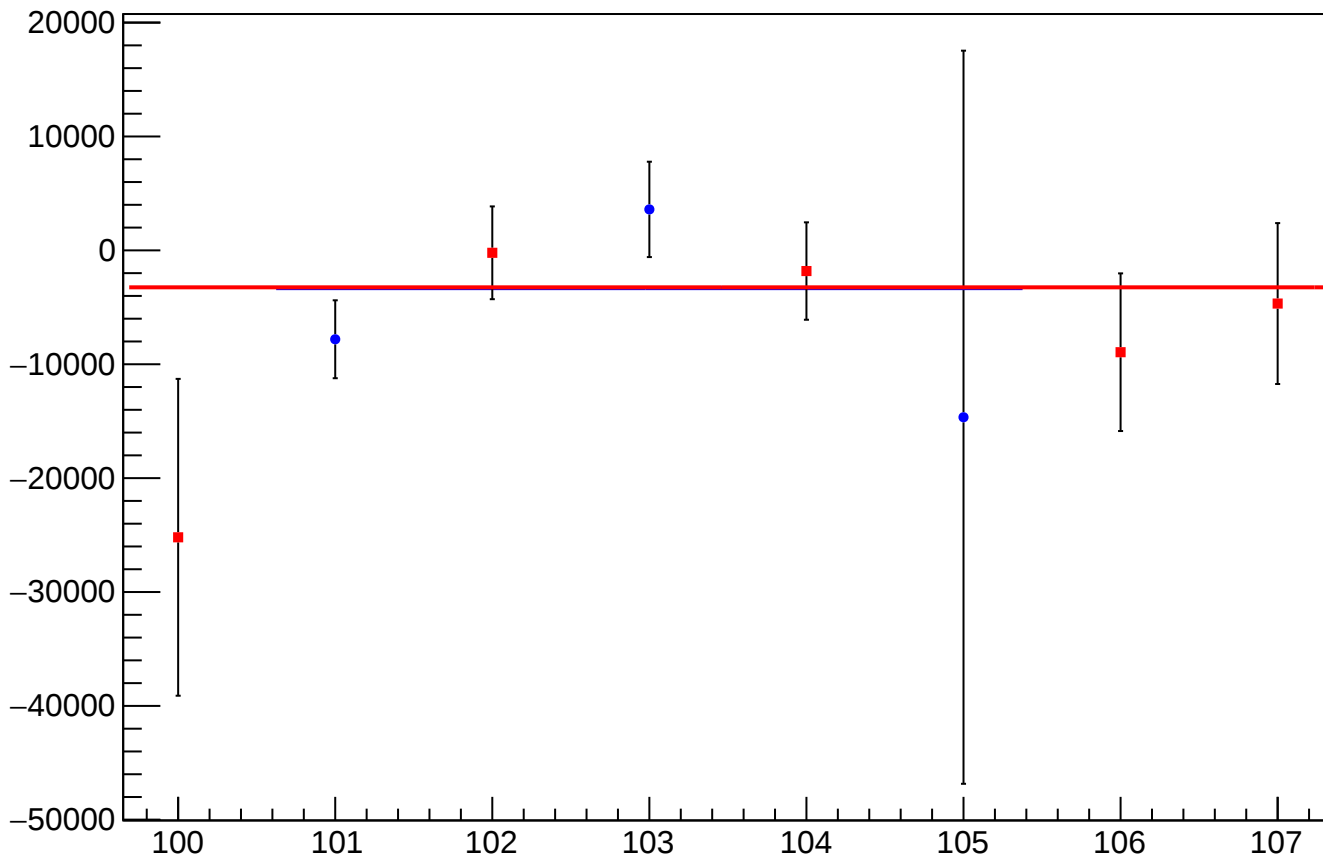
2821.178+/-1.858 χ^2/NDF : 19696.8/2

Right Out: 3255.835+/-1.753 χ^2/NDF : 64835.9/4

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

3255.835+/-1.753 χ^2/NDF : 64835.9/4

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

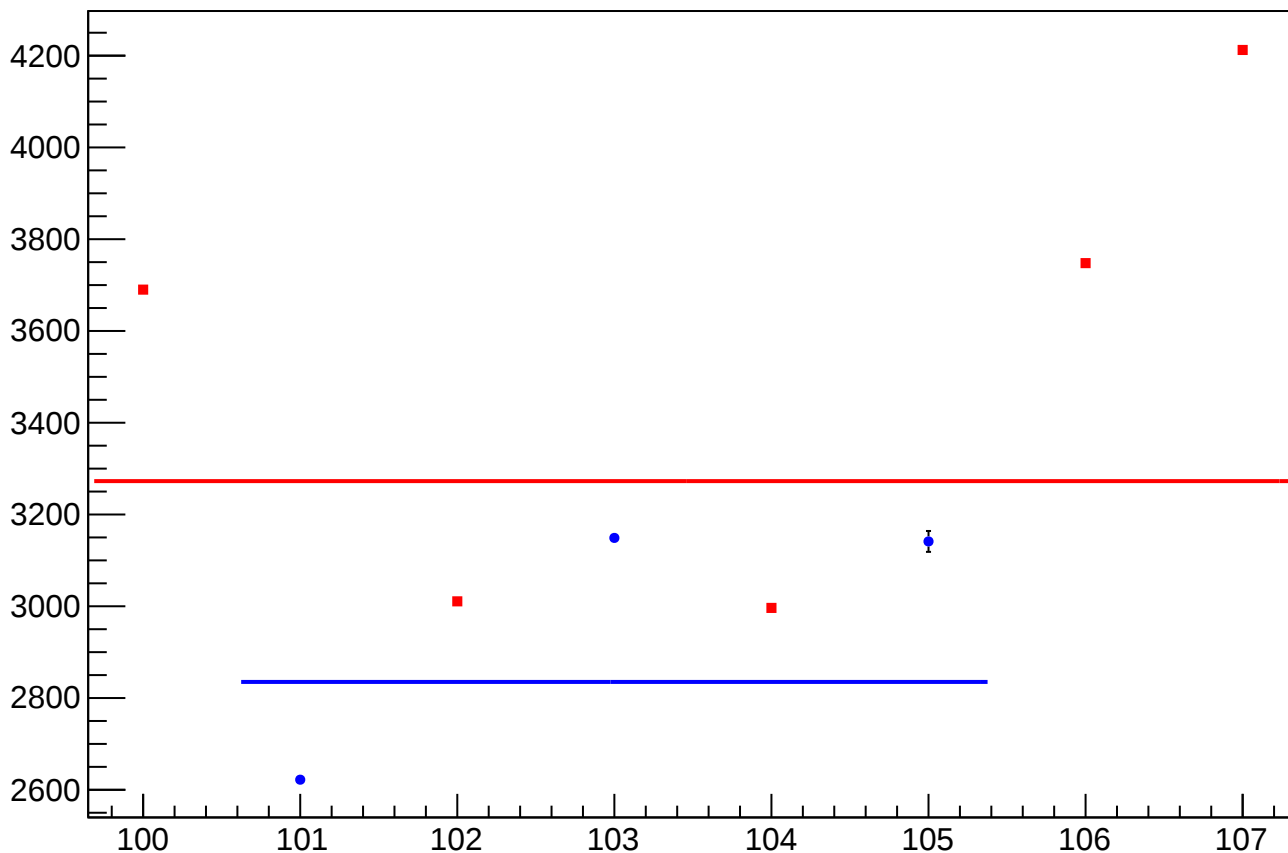
Right Out: -3245.454 $\pm$ 2491.995 χ^2 /NDF: 3.9/4

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

-3316.515 $\pm$ 2640.074 χ^2 /NDF: 4.6/2

-3245.454 $\pm$ 2491.995 χ^2 /NDF: 3.9/4

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

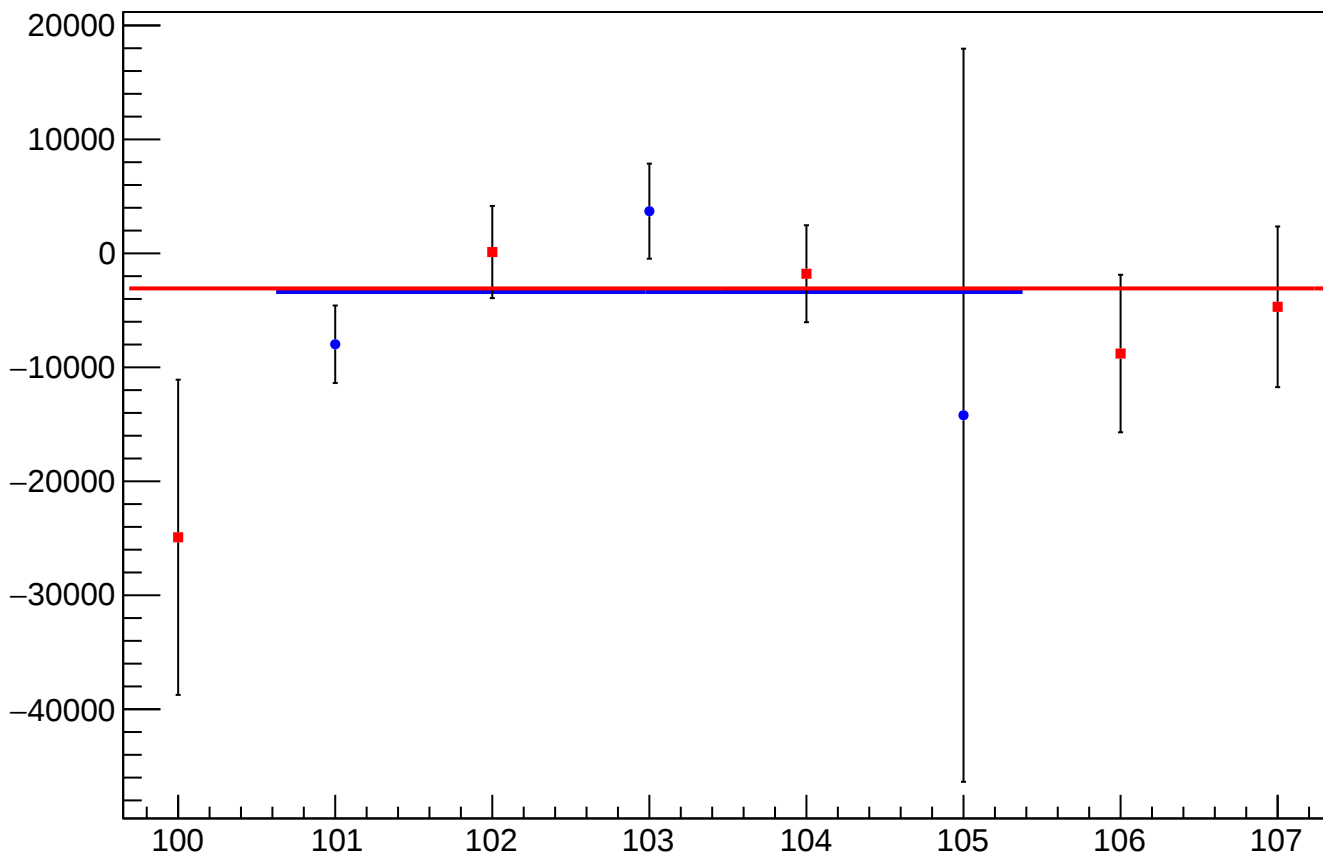
2835.103+/-1.867 χ^2/NDF : 19182.3/2

Right Out: 3272.766+/-1.762 χ^2/NDF : 63238.7/4

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

3272.766+/-1.762 χ^2/NDF : 63238.7/4

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

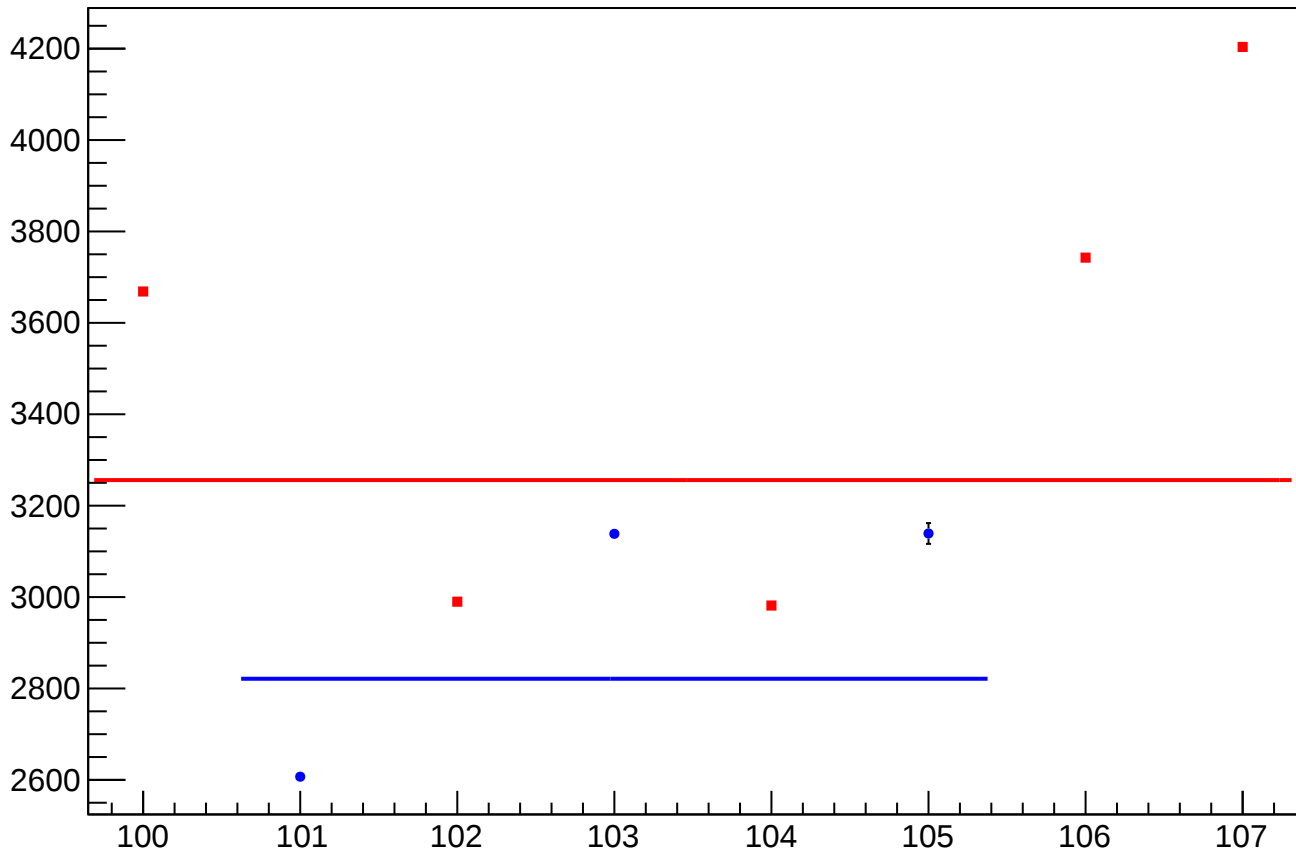
Right Out: -3075.230 $\pm$ 2479.698 χ^2 /NDF: 3.9/4

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

-3386.640 $\pm$ 2627.448 χ^2 /NDF: 4.8/2

-3075.230 $\pm$ 2479.698 χ^2 /NDF: 3.9/4

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

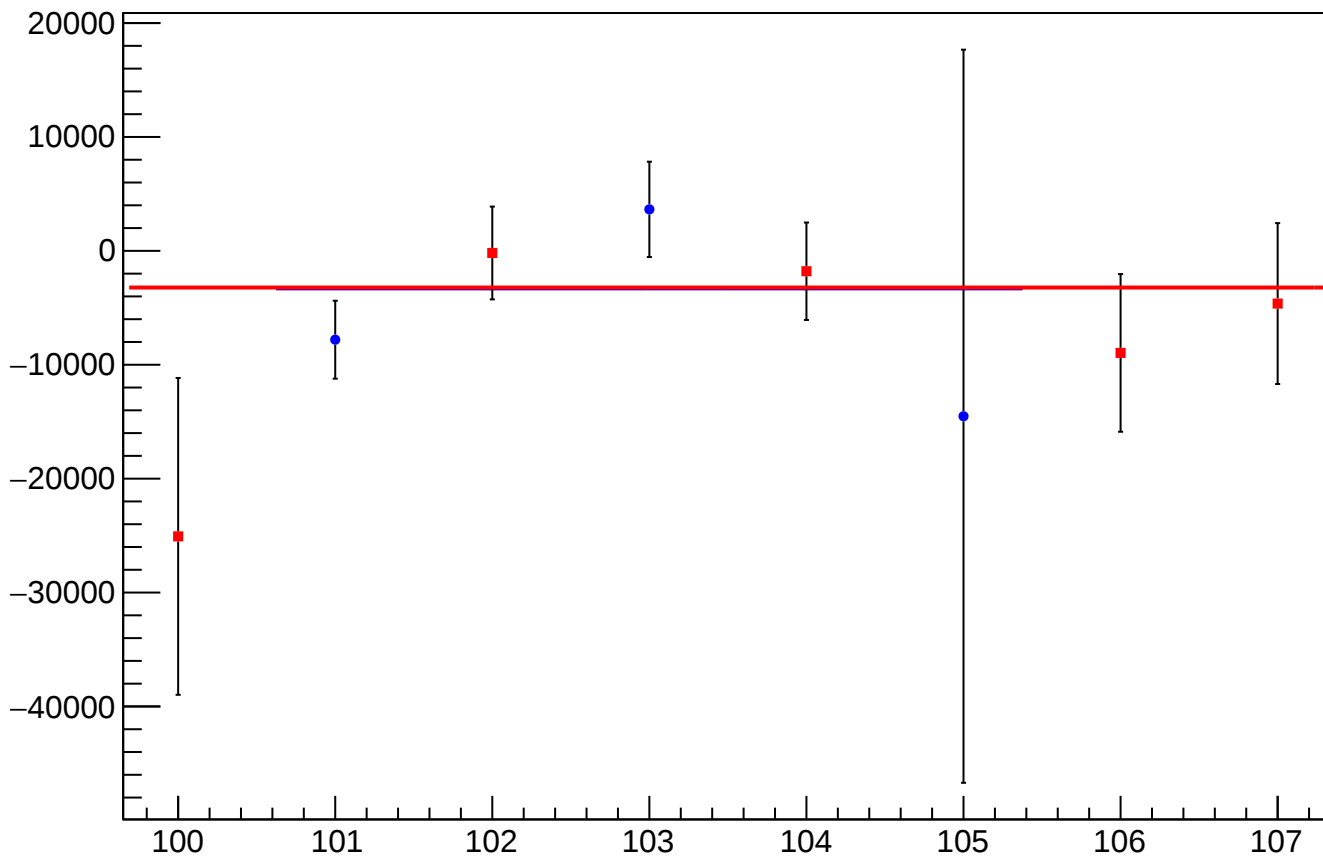
2821.285 $\pm$ 1.858 χ^2 /NDF: 19691.9/2

Right Out: 3255.974 $\pm$ 1.753 χ^2 /NDF: 64823.4/4

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

3255.974 $\pm$ 1.753 χ^2 /NDF: 64823.4/4

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

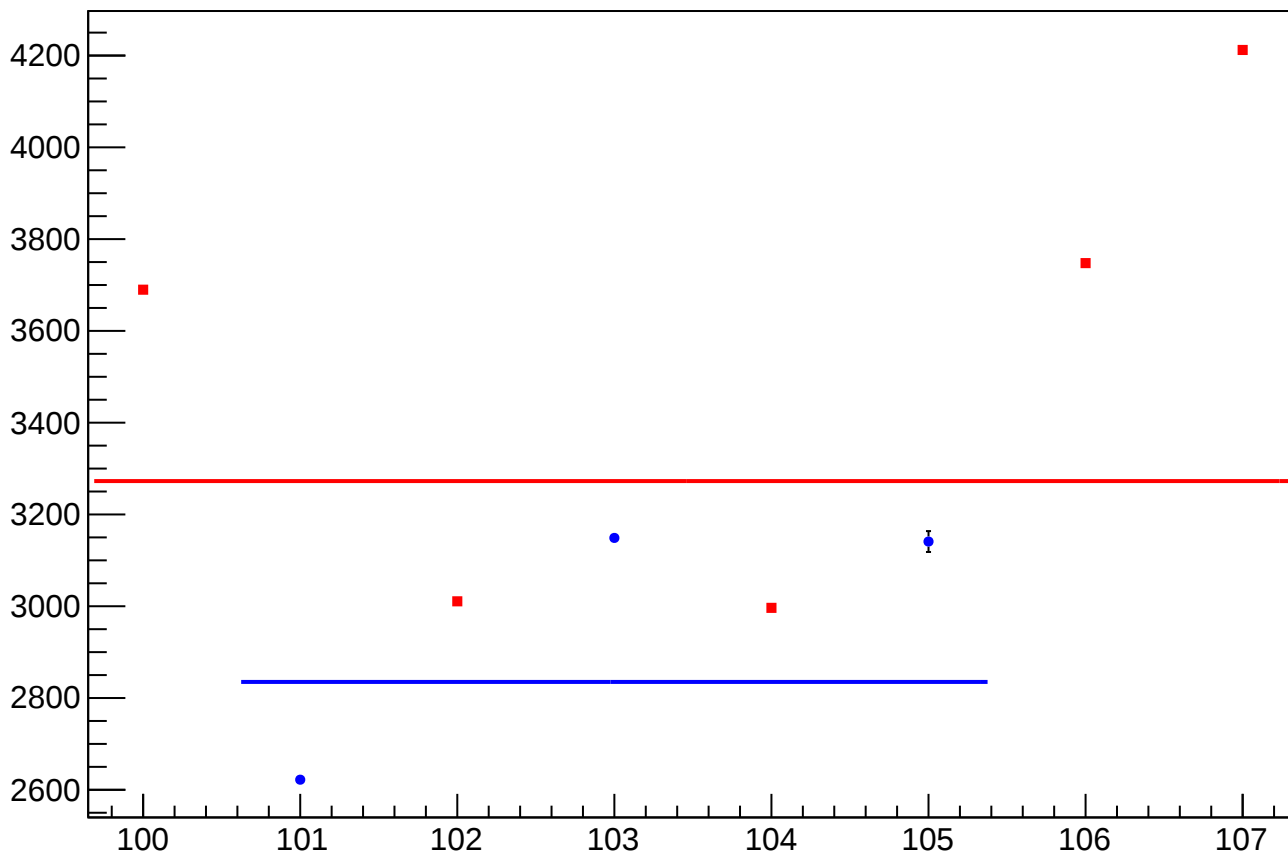
Right Out: -3219.713+/-2491.974 χ^2 /NDF: 3.9/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3293.361+/-2640.039 χ^2 /NDF: 4.6/2

-3219.713+/-2491.974 χ^2 /NDF: 3.9/4

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs slug



Right In: 2835.067+/-1.867 χ^2/NDF : 19175.8/2

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

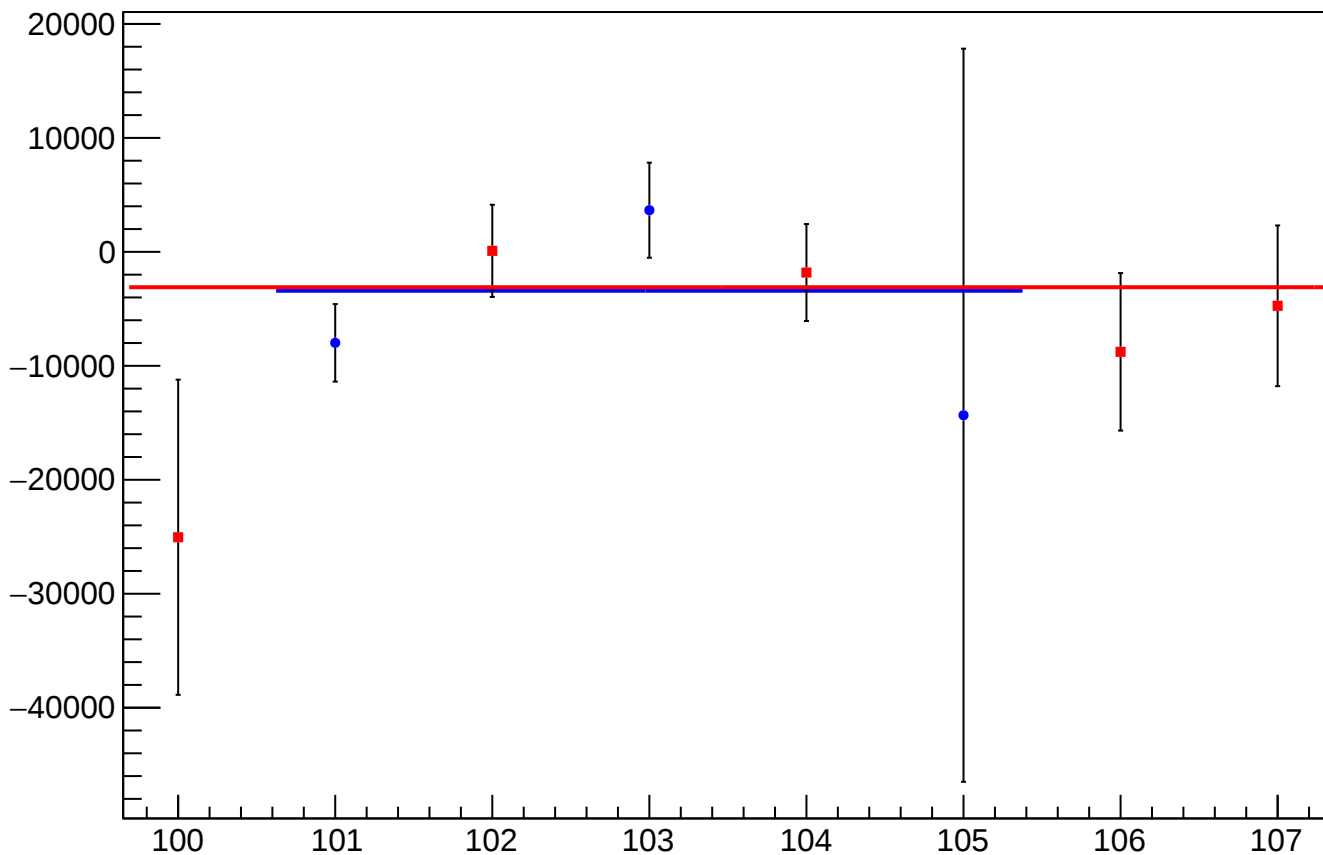
2835.067+/-1.867 χ^2/NDF : 19175.8/2

Right Out: 3272.753+/-1.762 χ^2/NDF : 63213.1/4

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

3272.753+/-1.762 χ^2/NDF : 63213.1/4

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs slug



Right In: -3409.469+/-2627.467 χ^2 /NDF: 4.8/2

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

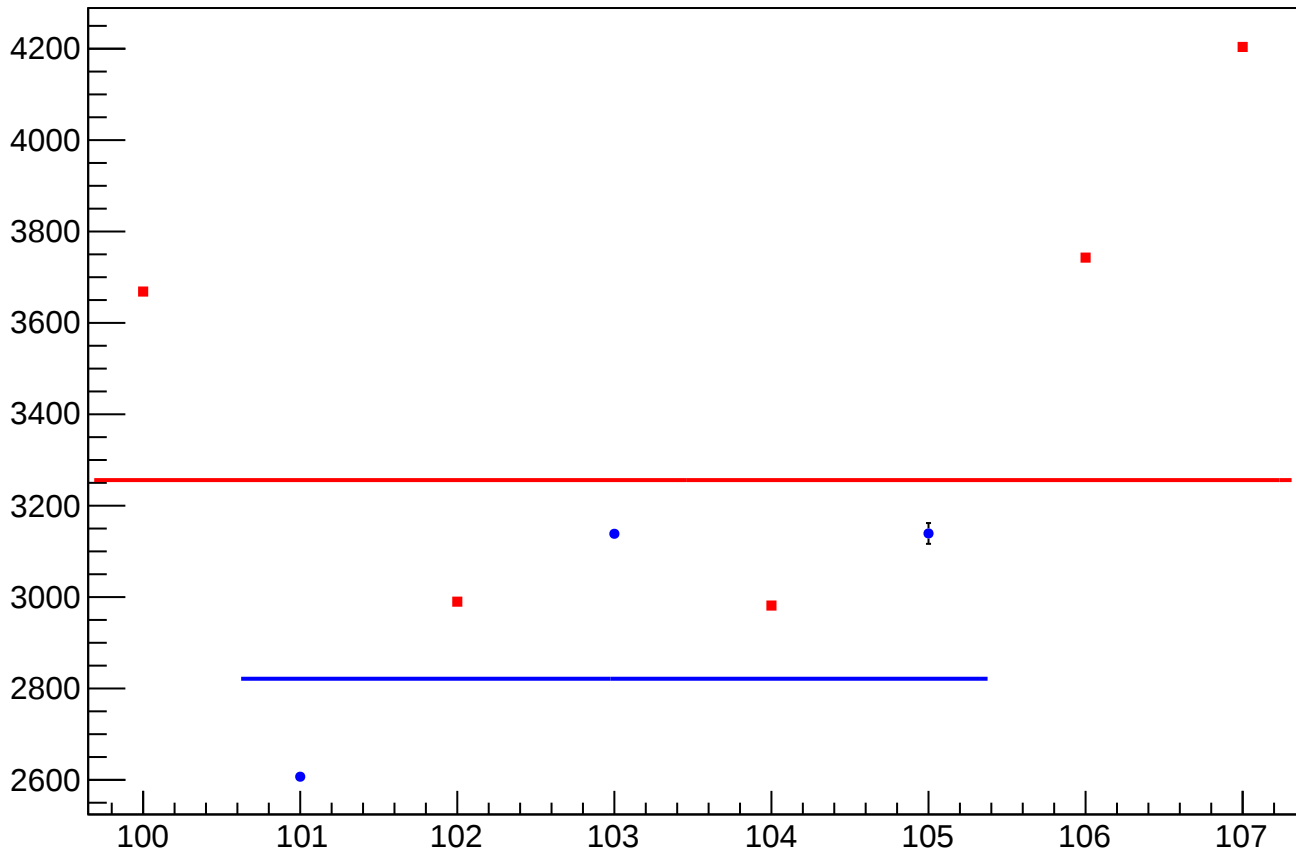
-3409.469+/-2627.467 χ^2 /NDF: 4.8/2

Right Out: -3102.142+/-2479.737 χ^2 /NDF: 4.0/4

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-3102.142+/-2479.737 χ^2 /NDF: 4.0/4

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

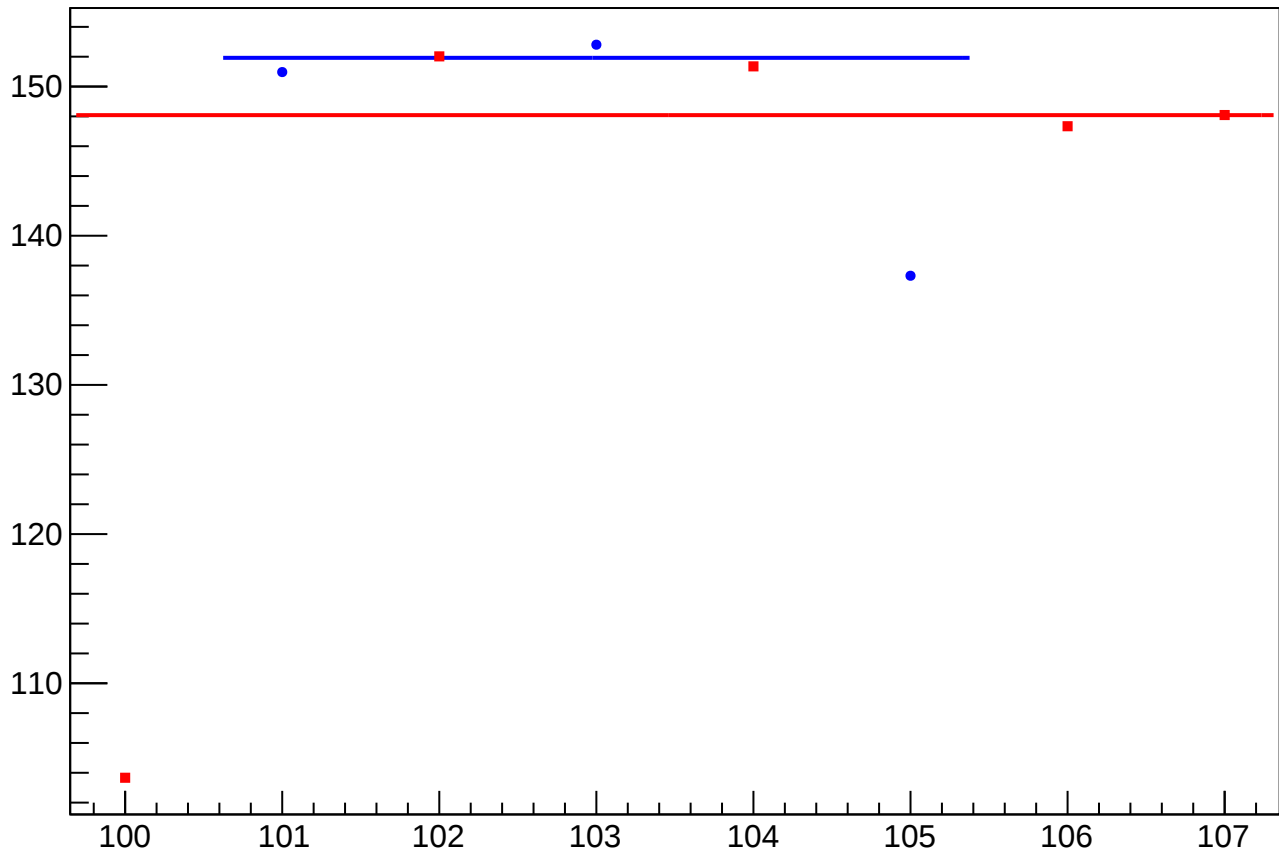
2821.302 $\pm$ 1.858 χ^2 /NDF: 19700.1/2

Right Out: 3256.022 $\pm$ 1.753 χ^2 /NDF: 64833.1/4

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

3256.022 $\pm$ 1.753 χ^2 /NDF: 64833.1/4

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

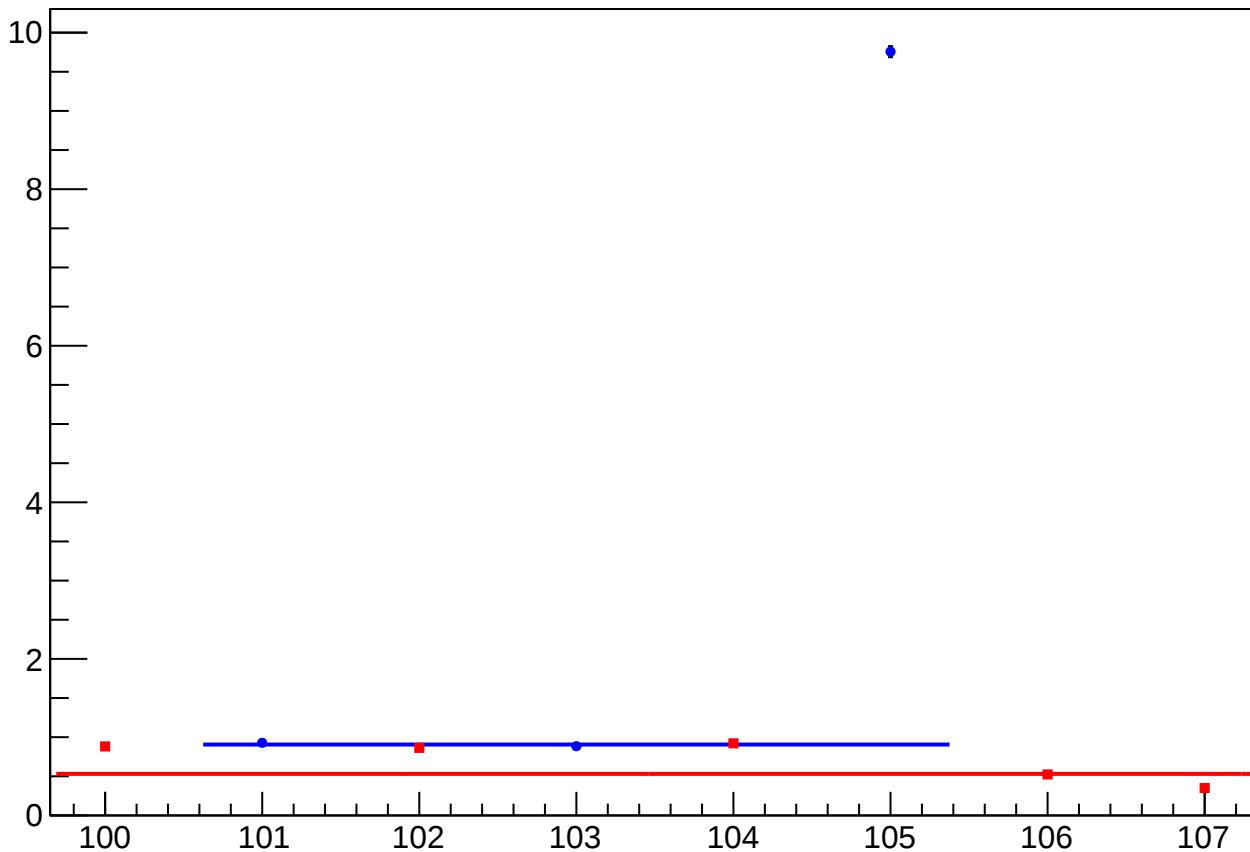
151.925+/-0.001 χ^2/NDF : 1181571.3/2

Right Out: 148.083+/-0.000 χ^2/NDF : 195342641.6/4

148.083+/-0.000 χ^2/NDF : 195342641.6/4

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

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

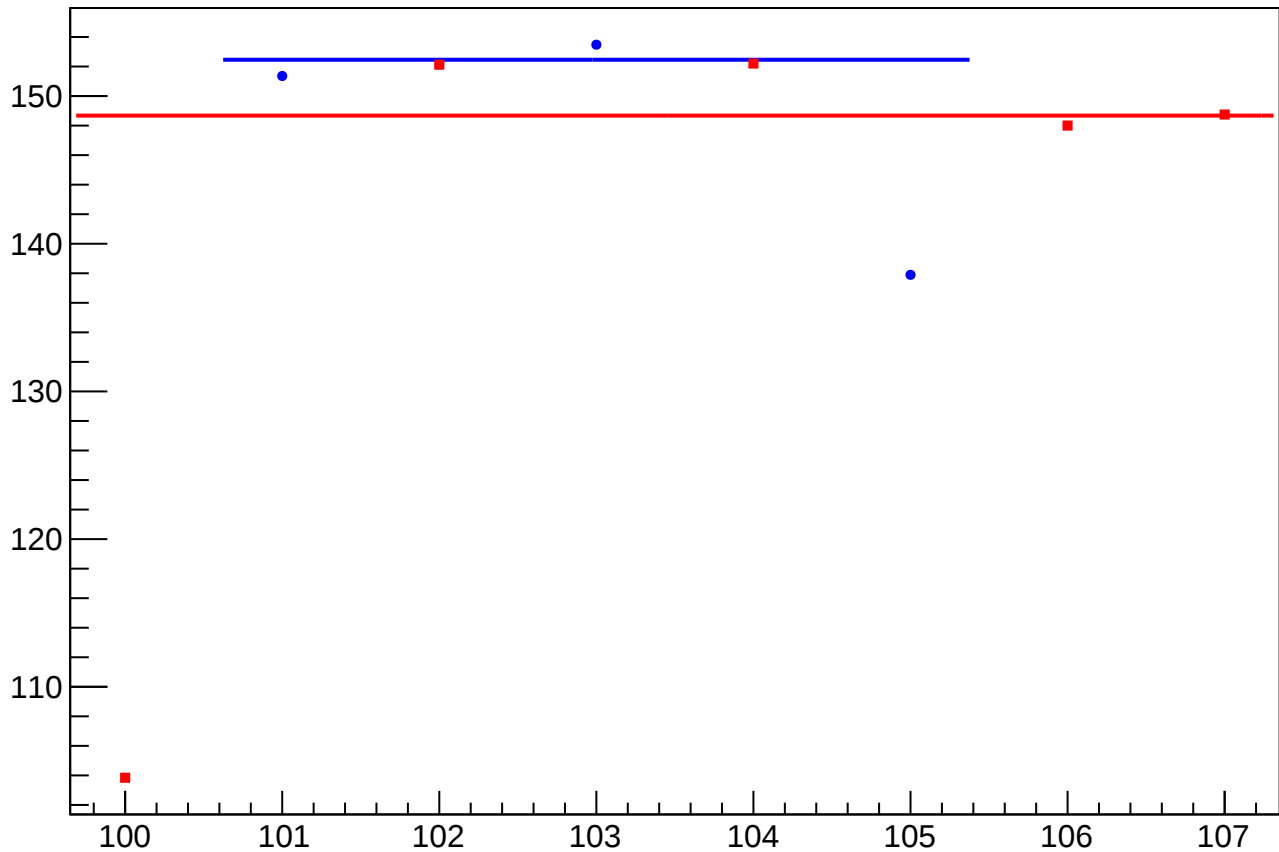
0.906+/-0.001 χ^2/NDF : 16976.7/2

Right Out: 0.531+/-0.000 χ^2/NDF : 523623.9/4

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

0.531+/-0.000 χ^2/NDF : 523623.9/4

yield_bcm_an_ds3_mean vs slug



Right In: 152.459 $\pm$ 0.001 χ^2 /NDF: 1539933.8/2

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

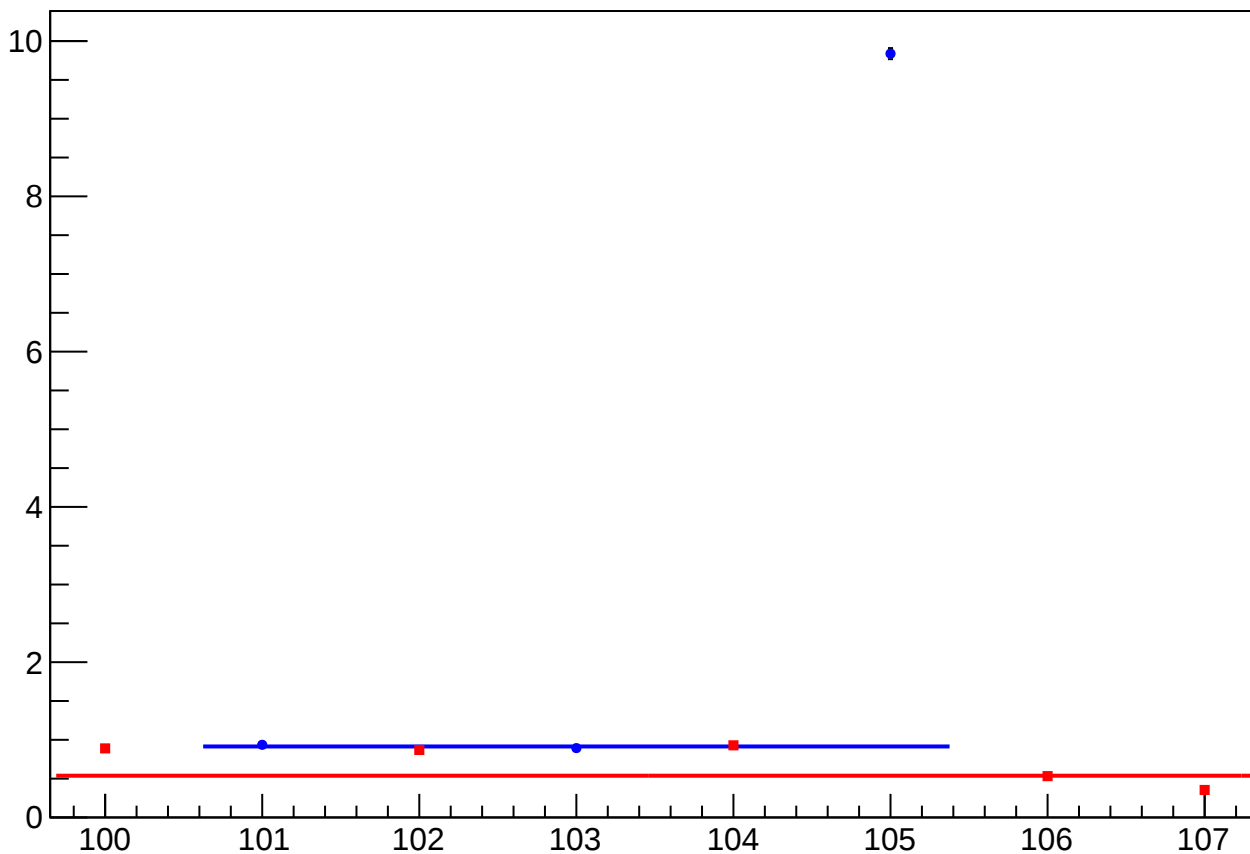
Right Out: 148.677 $\pm$ 0.000 χ^2 /NDF: 193440768.8/4

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

152.459 $\pm$ 0.001 χ^2 /NDF: 1539933.8/2

148.677 $\pm$ 0.000 χ^2 /NDF: 193440768.8/4

yield_bcm_an_ds3_rms vs slug



Right In: 0.914 $\pm$ 0.001 χ^2 /NDF: 16881.7/2

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

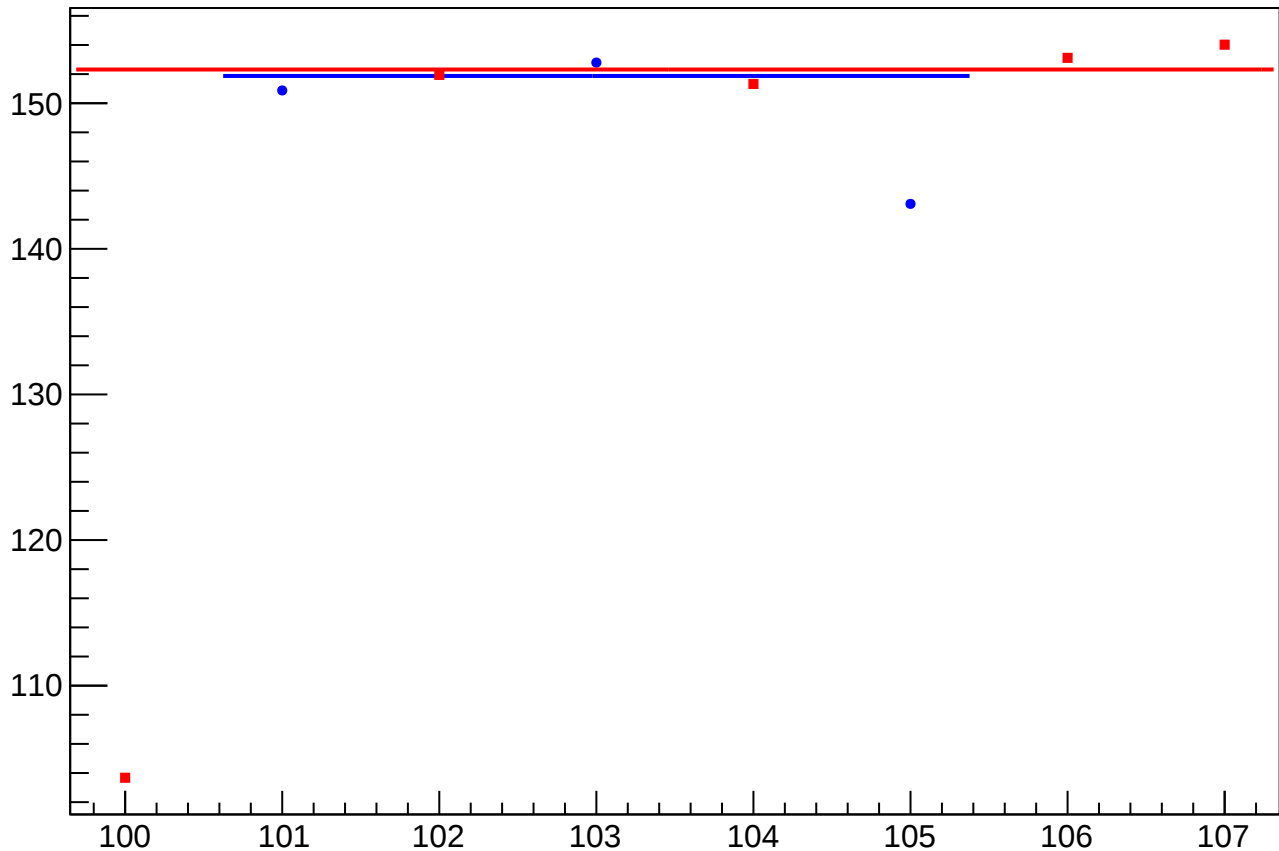
Right Out: 0.538 $\pm$ 0.000 χ^2 /NDF: 519137.7/4

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

0.914 $\pm$ 0.001 χ^2 /NDF: 16881.7/2

0.538 $\pm$ 0.000 χ^2 /NDF: 519137.7/4

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

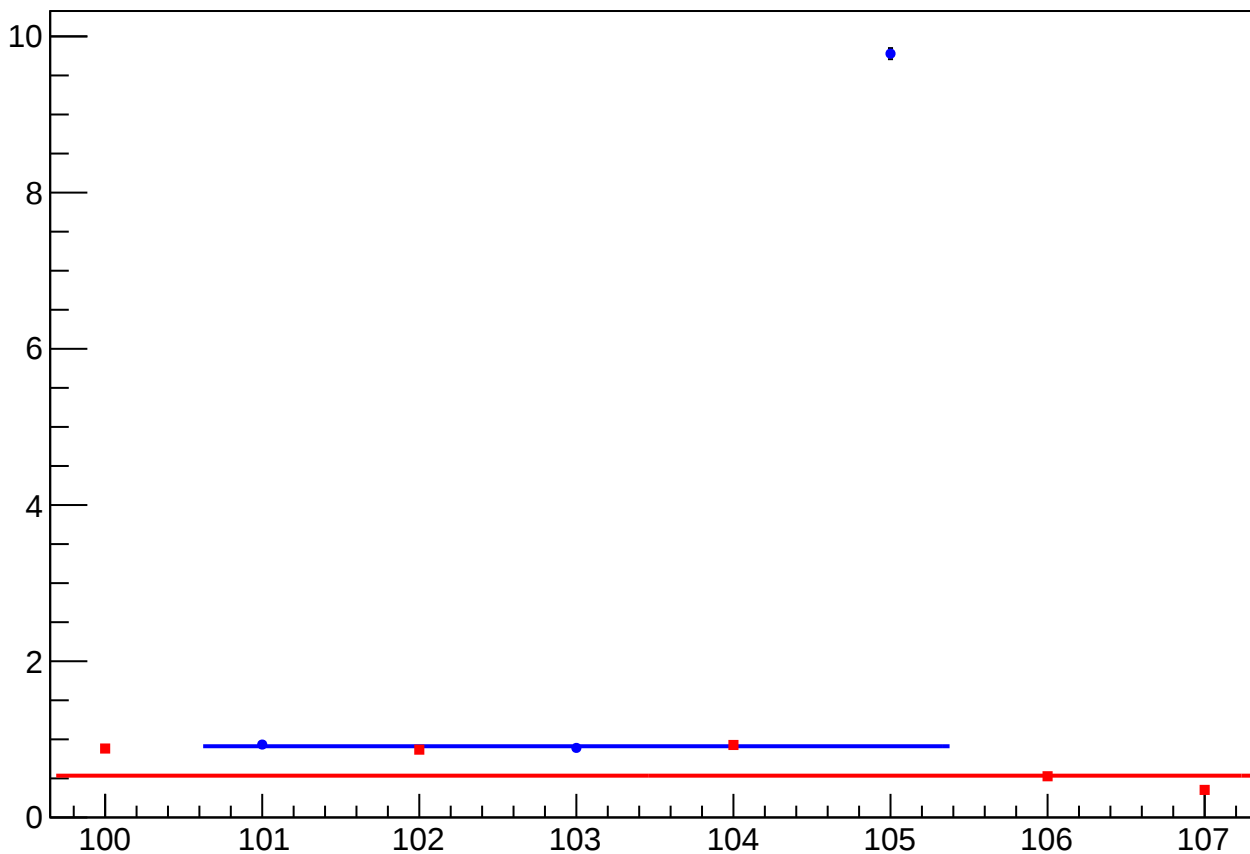
Right Out: 152.316 $\pm$ 0.000 χ^2 /NDF: 221358283.9/4

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

151.873 $\pm$ 0.001 χ^2 /NDF: 1252660.8/2

152.316 $\pm$ 0.000 χ^2 /NDF: 221358283.9/4

yield_bcm_an_us_rms vs slug



Right In: 0.912 $\pm$ 0.001 χ^2 /NDF: 16907.1/2

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

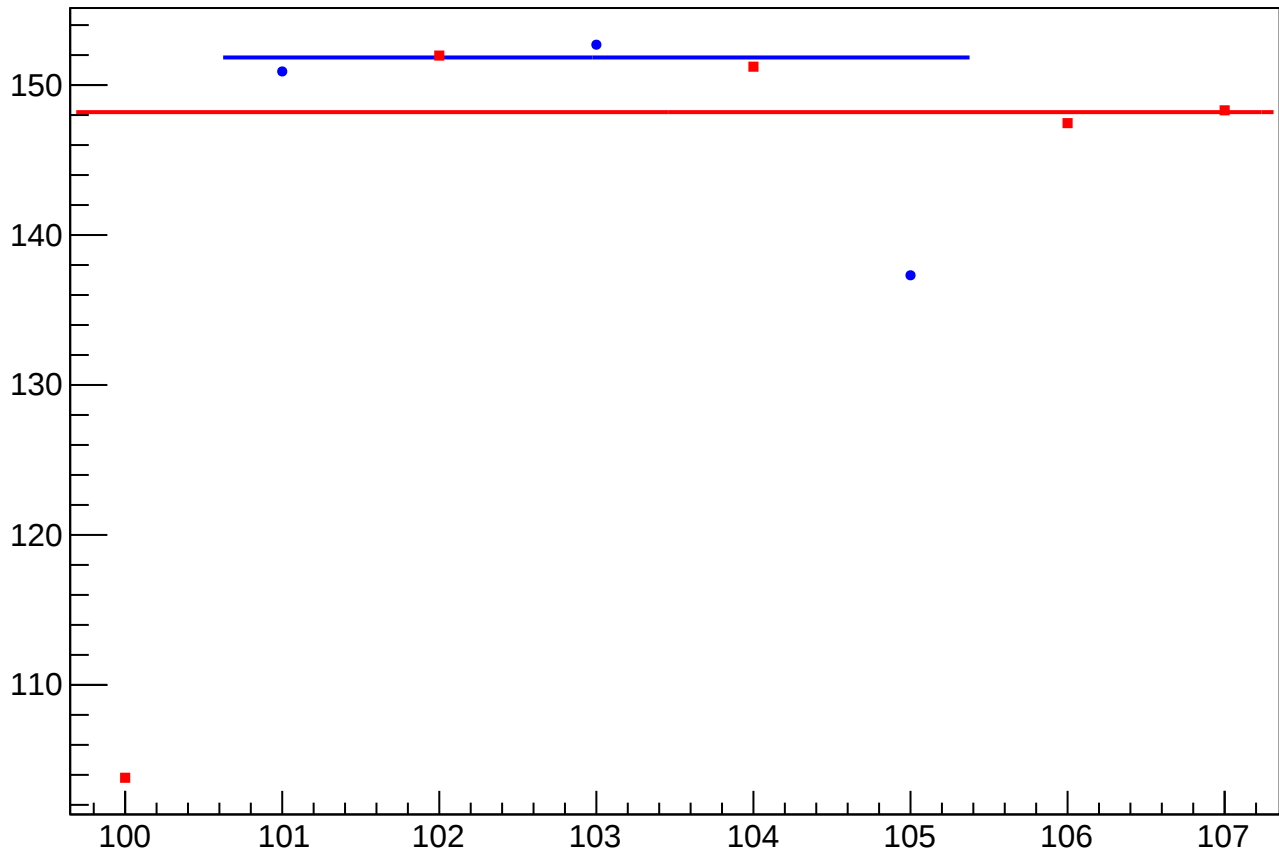
Right Out: 0.535 $\pm$ 0.000 χ^2 /NDF: 521616.9/4

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

0.912 $\pm$ 0.001 χ^2 /NDF: 16907.1/2

0.535 $\pm$ 0.000 χ^2 /NDF: 521616.9/4

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

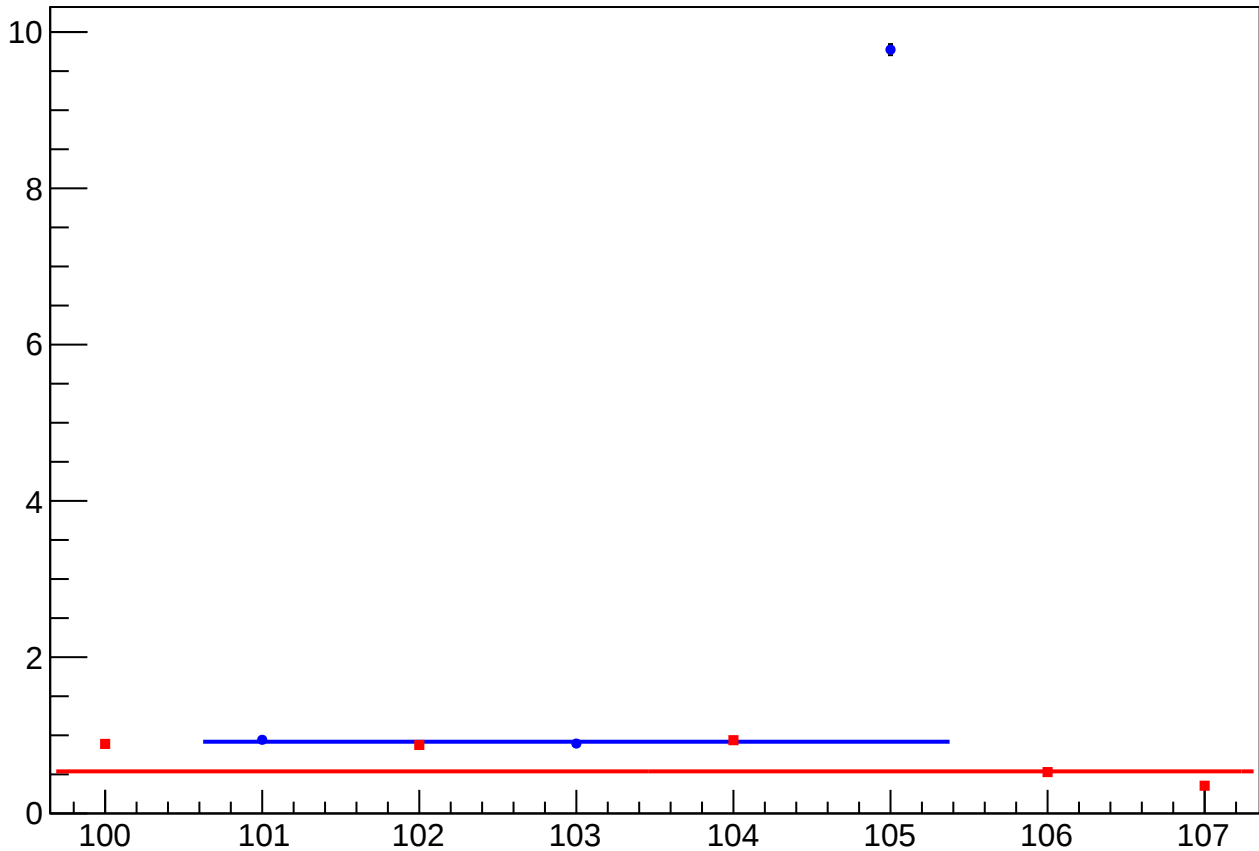
151.840 $\pm$ 0.001 χ^2 /NDF: 1087721.5/2

Right Out: 148.195 $\pm$ 0.000 χ^2 /NDF: 189534184.4/4

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

148.195 $\pm$ 0.000 χ^2 /NDF: 189534184.4/4

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

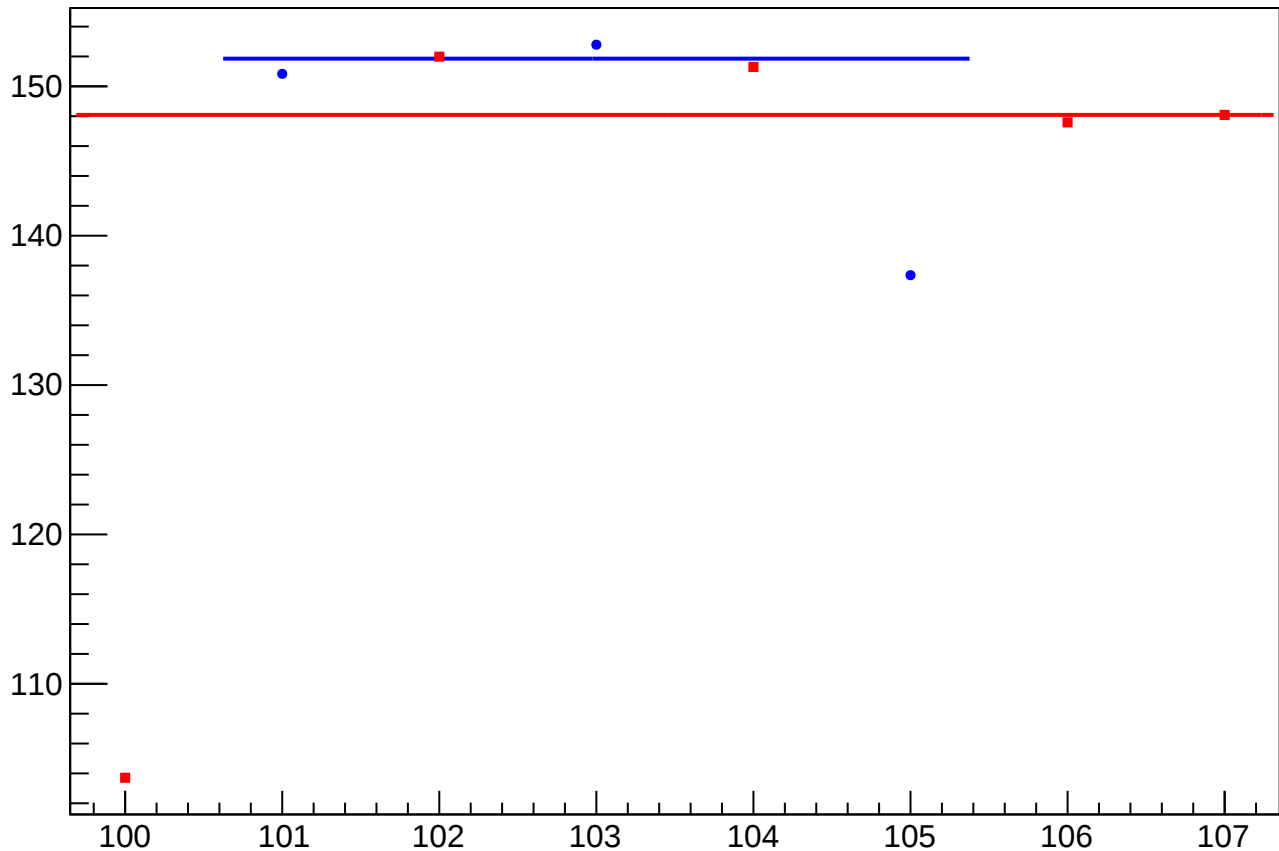
0.918 $\pm$ 0.001 χ^2 /NDF: 17187.9/2

Right Out: 0.539 $\pm$ 0.000 χ^2 /NDF: 525226.9/4

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

0.539 $\pm$ 0.000 χ^2 /NDF: 525226.9/4

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

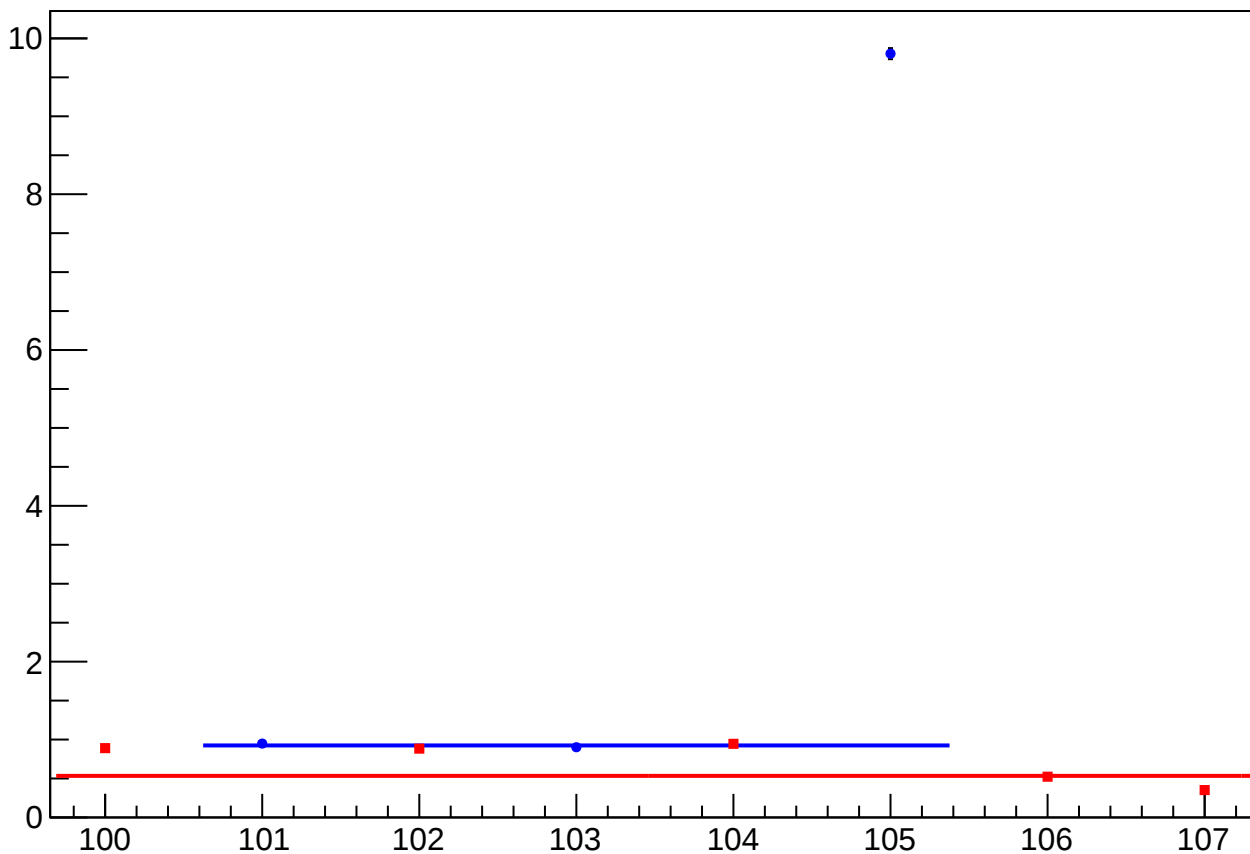
151.854 $\pm$ 0.001 χ^2 /NDF: 1282983.5/2

Right Out: 148.087 $\pm$ 0.000 χ^2 /NDF: 190261403.5/4

148.087 $\pm$ 0.000 χ^2 /NDF: 190261403.5/4

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

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

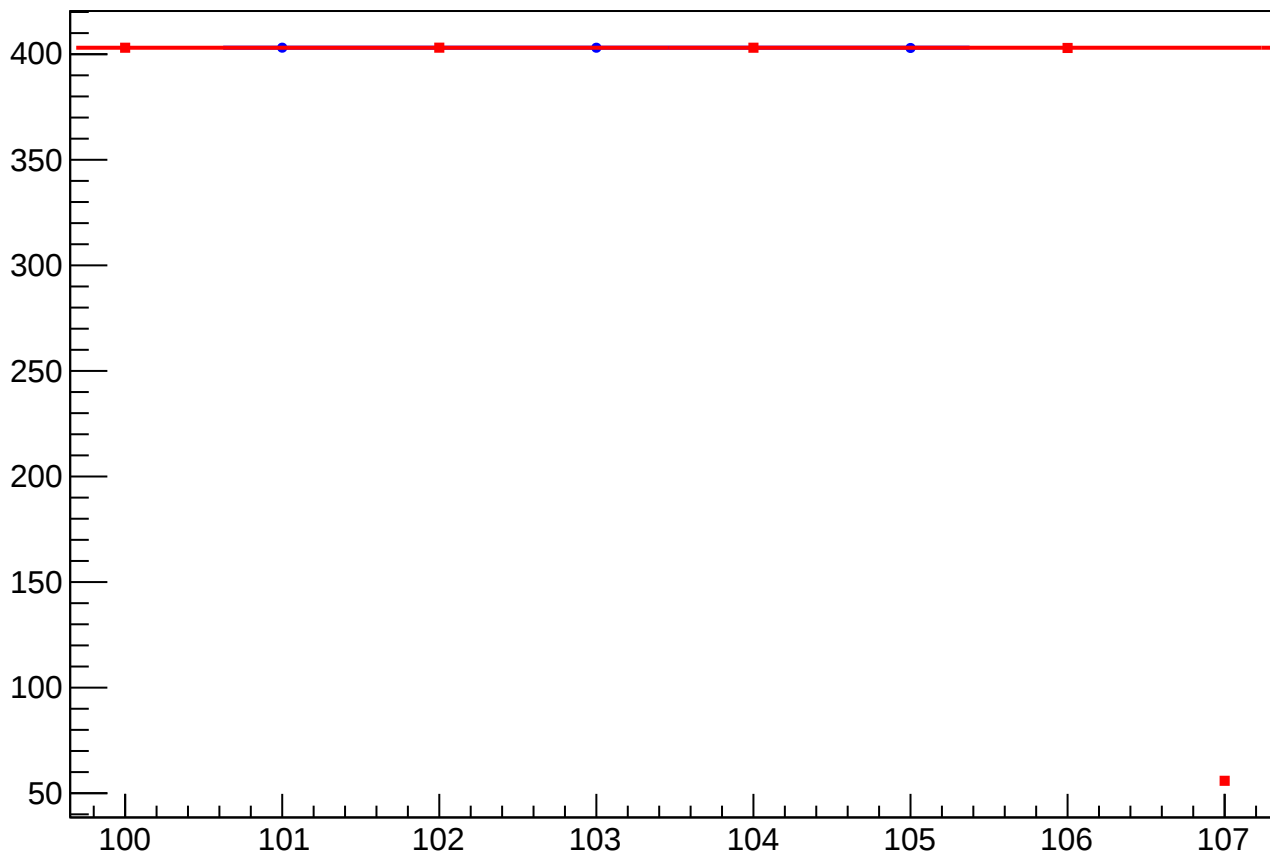
Right Out: 0.534+/-0.000 χ^2/NDF : 542944.7/4

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

0.924+/-0.001 χ^2/NDF : 17086.1/2

0.534+/-0.000 χ^2/NDF : 542944.7/4

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

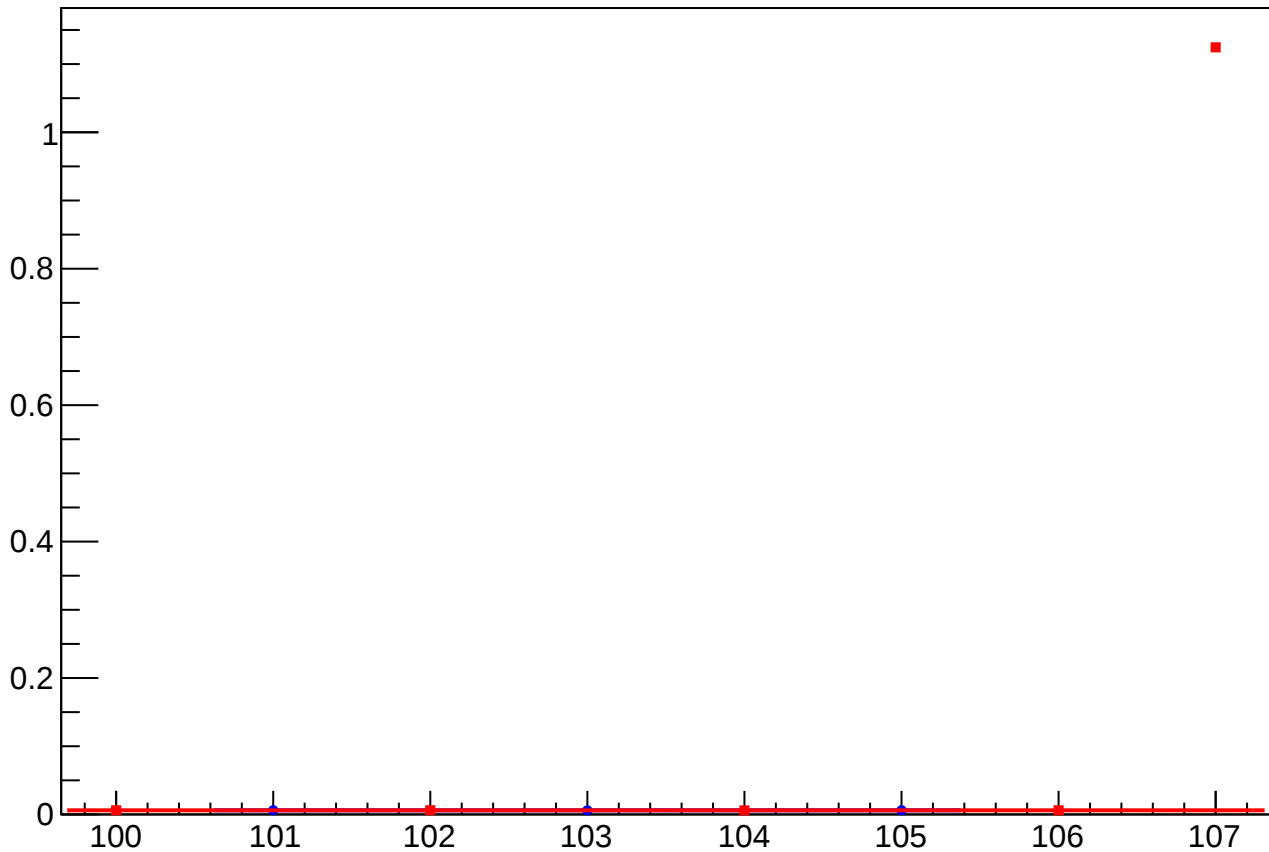
403.088 $\pm$ 0.000 χ^2 /NDF: 7360732.4/2

Right Out: 403.069 $\pm$ 0.000 χ^2 /NDF: 22979239575.4/4

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

403.069 $\pm$ 0.000 χ^2 /NDF: 22979239575.4/4

yield_cav4bQ_rms vs slug



Right In: 0.006+/-0.000 χ^2/NDF : 912.3/2

0.006+/-0.000 χ^2/NDF : 912.3/2

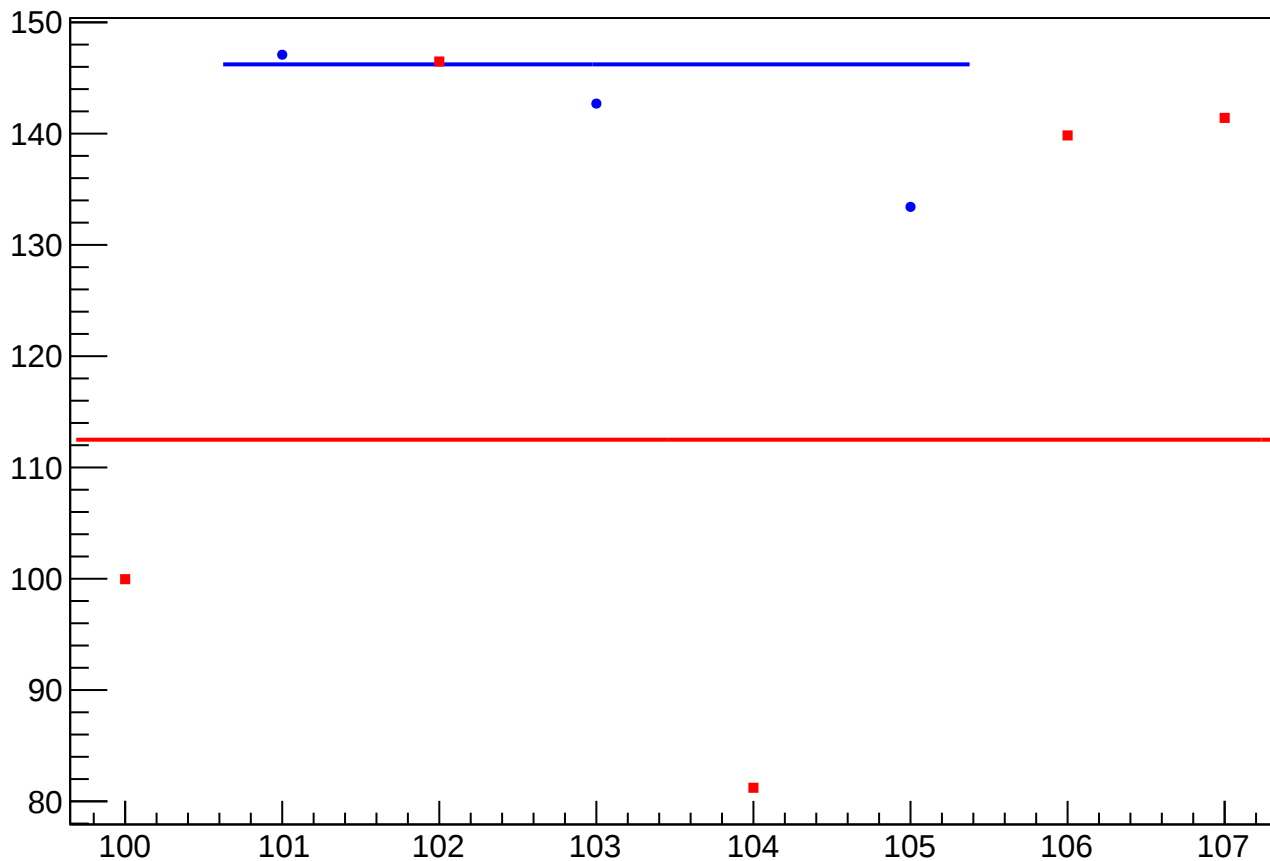
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 476237.6/4

0.006+/-0.000 χ^2/NDF : 476237.6/4

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

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

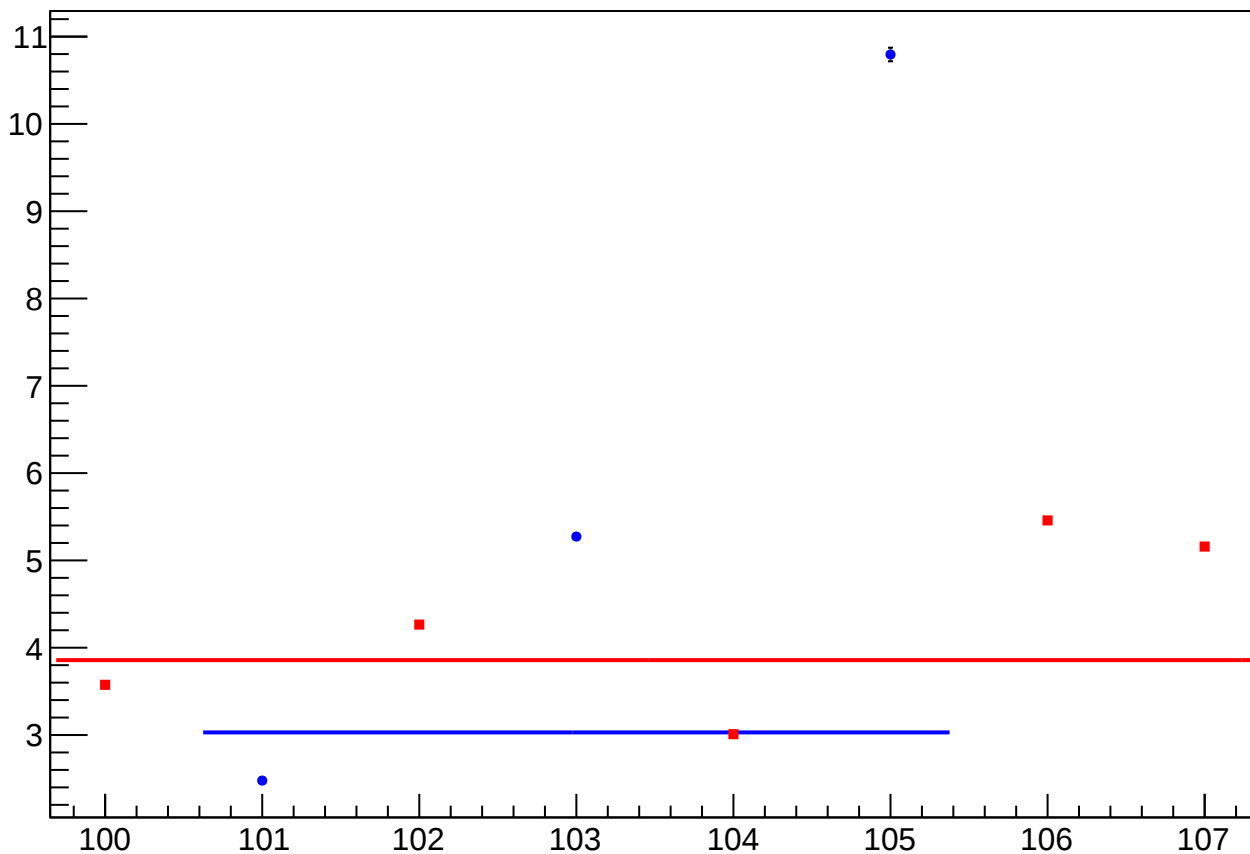
Right Out: 112.497 $\pm$ 0.003 χ^2 /NDF: 97121202.8/4

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

146.224 $\pm$ 0.003 χ^2 /NDF: 324640.3/2

112.497 $\pm$ 0.003 χ^2 /NDF: 97121202.8/4

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

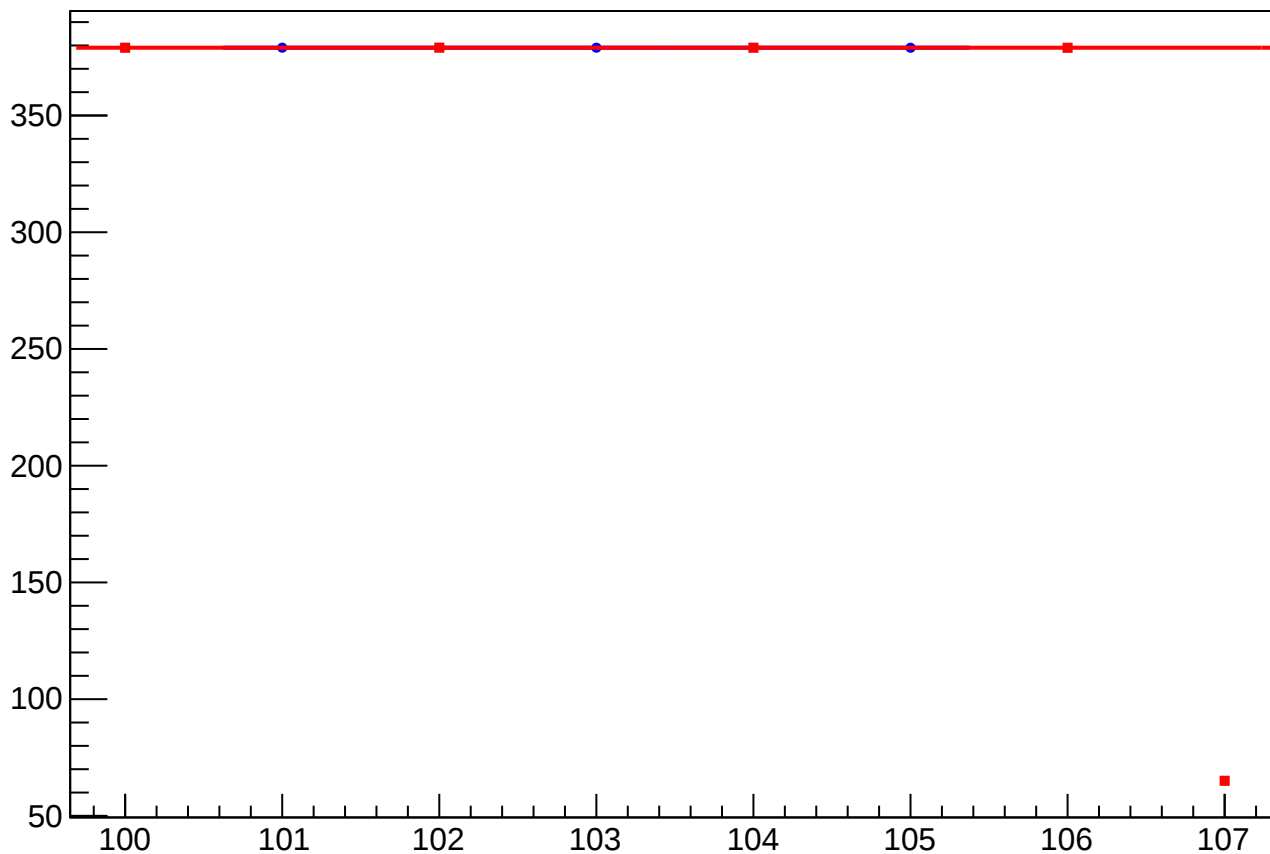
Right Out: 3.858+/-0.002 χ^2/NDF : 167097.2/4

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

3.030+/-0.002 χ^2/NDF : 261961.7/2

3.858+/-0.002 χ^2/NDF : 167097.2/4

yield_cav4dQ_mean vs slug



Right In: 379.052+/-0.000 χ^2/NDF : 342107.1/2

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

379.052+/-0.000 χ^2/NDF : 342107.1/2

Right Out: 379.039+/-0.000 χ^2/NDF : 22705703727.8/4

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

379.039+/-0.000 χ^2/NDF : 22705703727.8/4

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

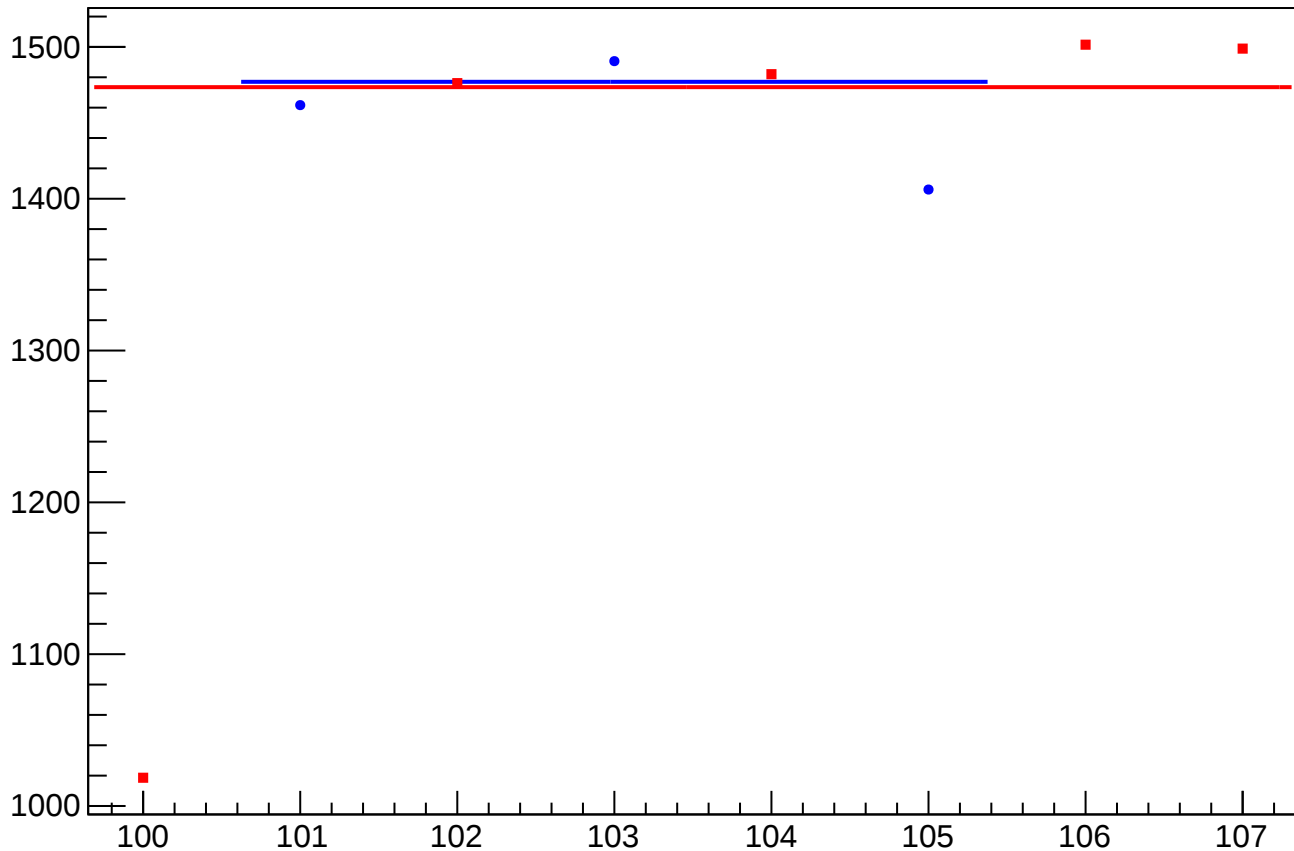
0.007+/-0.000 χ^2/NDF : 341.0/2

Right Out: 0.007+/-0.000 χ^2/NDF : 498669.3/4

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

0.007+/-0.000 χ^2/NDF : 498669.3/4

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

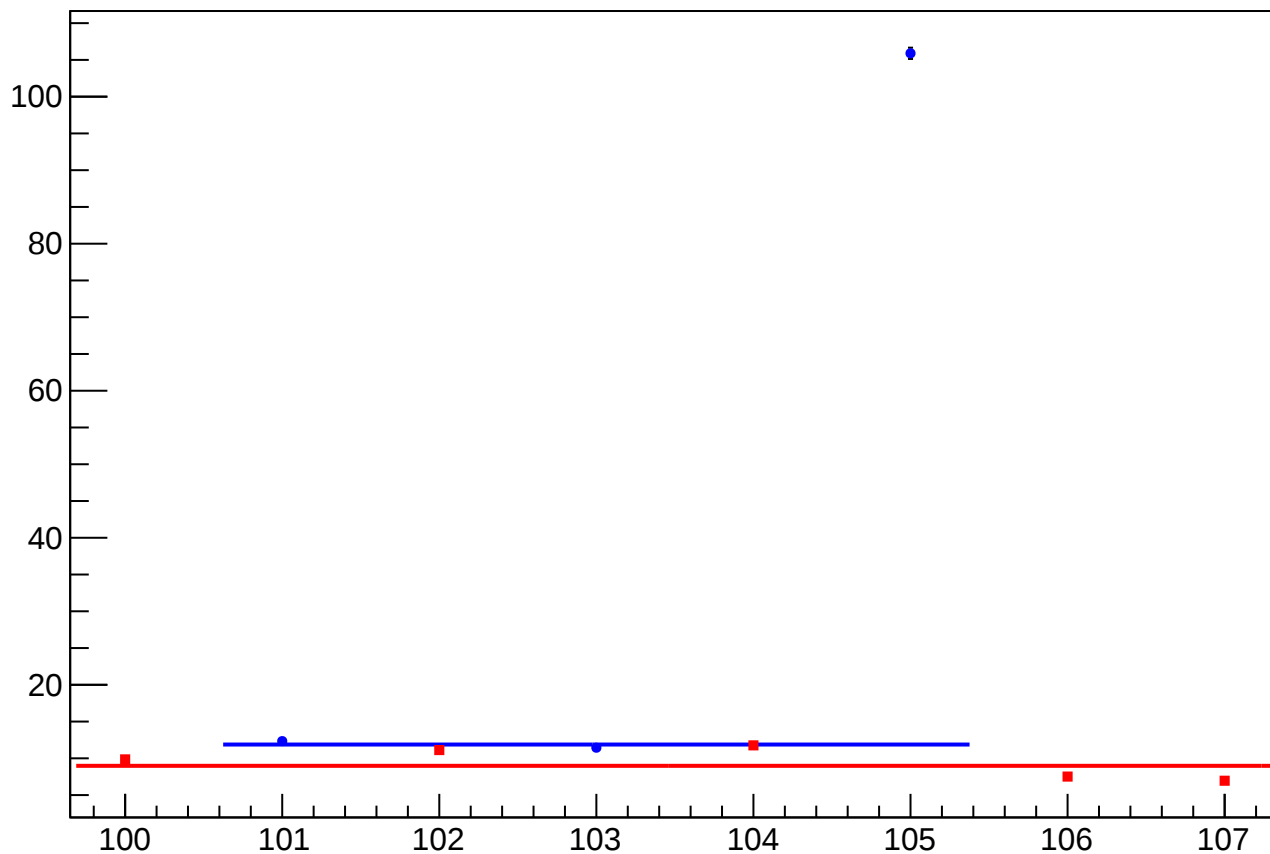
1477.017 $\pm$ 0.011 χ^2 /NDF: 1643399.1/2

Right Out: 1473.499 $\pm$ 0.007 χ^2 /NDF: 152321271.9/4

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

1473.499 $\pm$ 0.007 χ^2 /NDF: 152321271.9/4

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

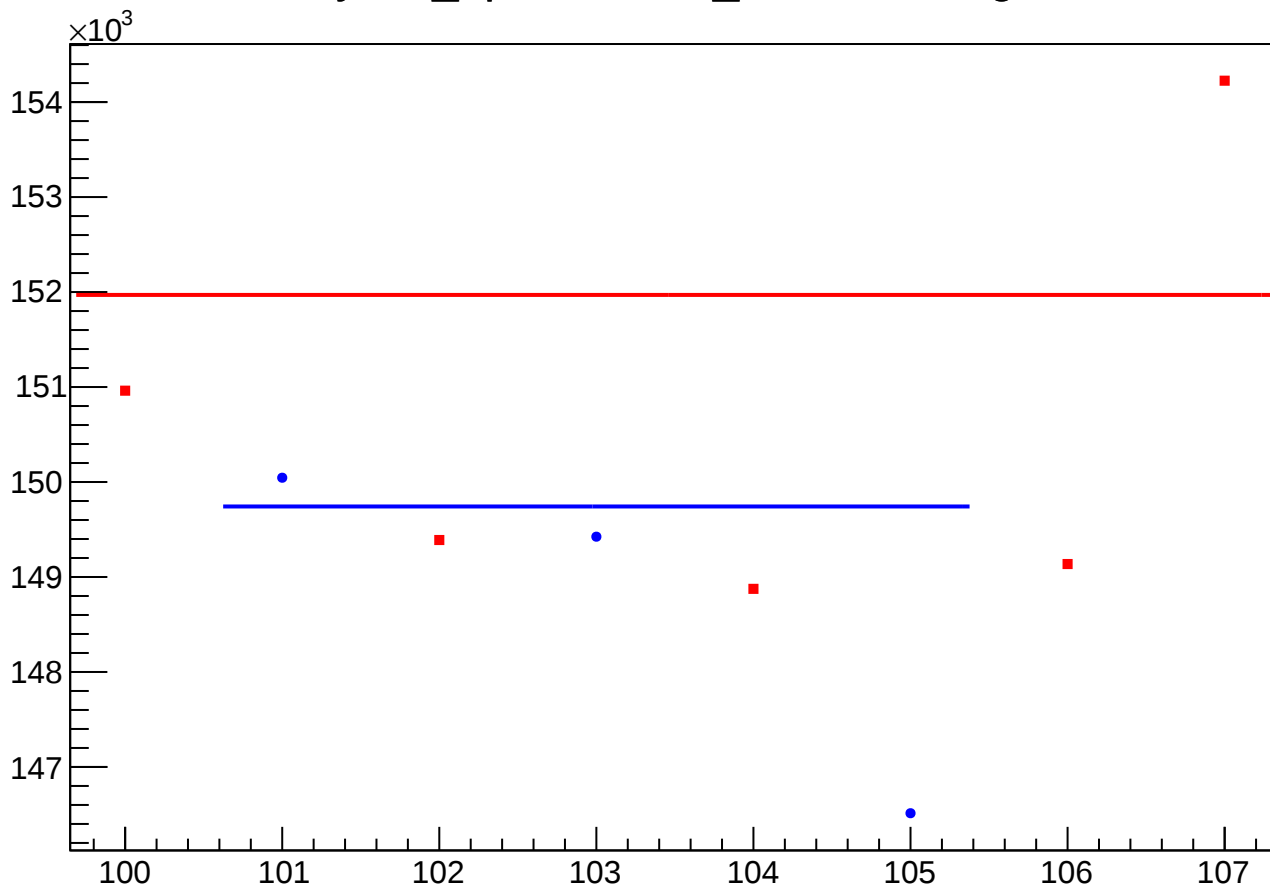
Right Out: 8.979+/-0.005 χ^2/NDF : 160771.5/4

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

11.875+/-0.008 χ^2/NDF : 18175.4/2

8.979+/-0.005 χ^2/NDF : 160771.5/4

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

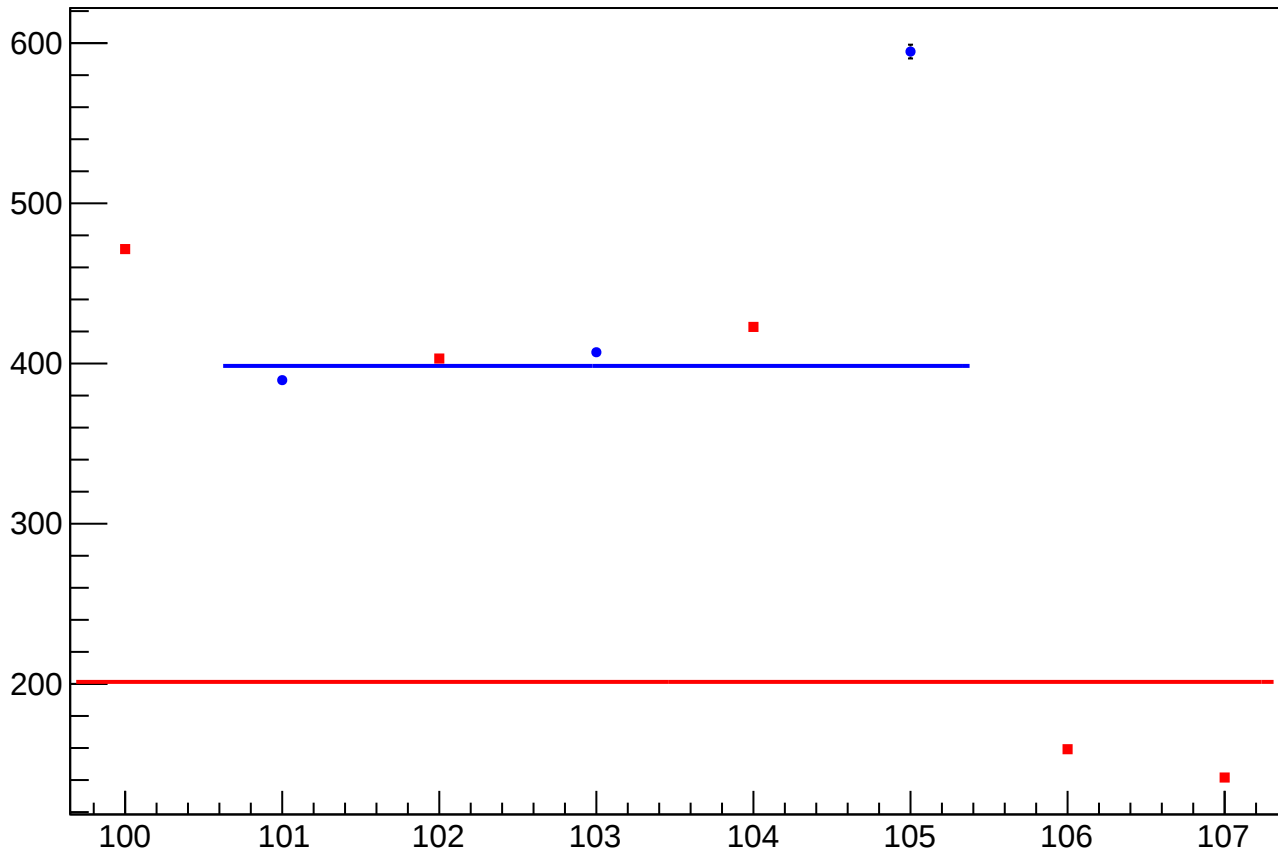
149742.420 $\pm$ 0.370 χ^2 /NDF: 980468.9/2

Right Out: 151969.666 $\pm$ 0.178 χ^2 /NDF: 200521173.1/4

151969.666 $\pm$ 0.178 χ^2 /NDF: 200521173.1/4

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

yield_bpm0i01WS_rms vs slug



Right In: 398.513+/-0.262 χ^2/NDF : 3180.8/2

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

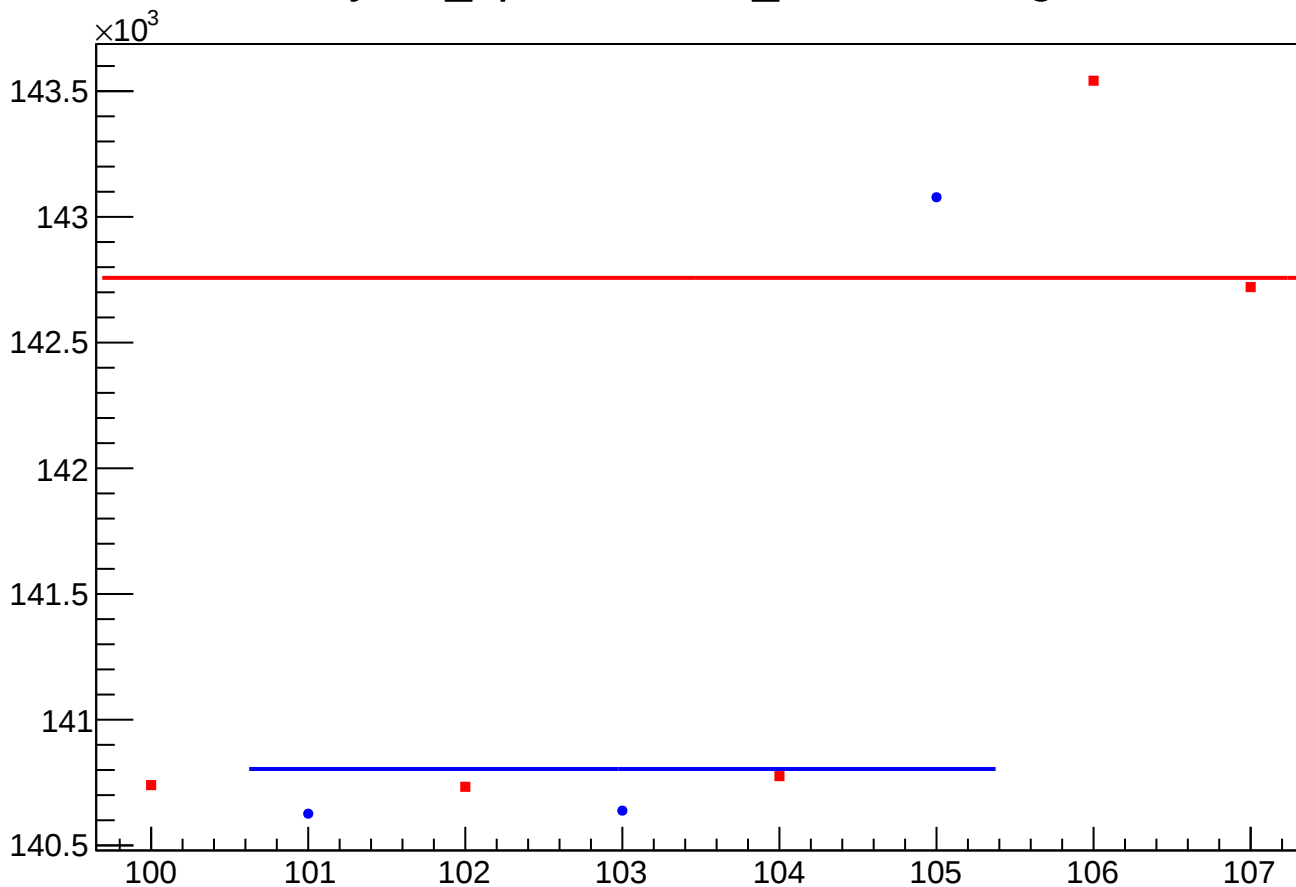
398.513+/-0.262 χ^2/NDF : 3180.8/2

Right Out: 201.268+/-0.126 χ^2/NDF : 742050.4/4

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

201.268+/-0.126 χ^2/NDF : 742050.4/4

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

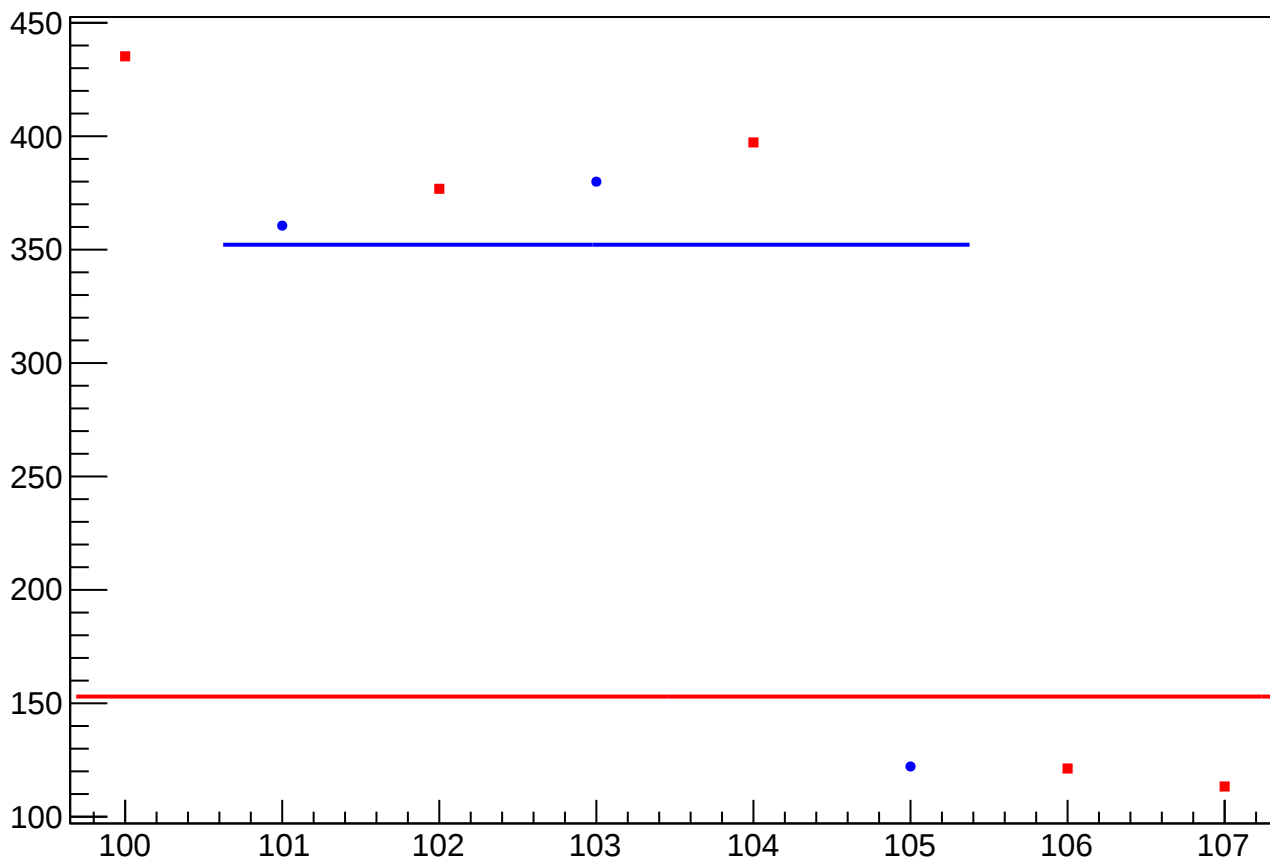
Right Out: 142757.487 $\pm$ 0.135 χ^2 /NDF: 41850029.2/4

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

140803.998 $\pm$ 0.332 χ^2 /NDF: 3551374.3/2

142757.487 $\pm$ 0.135 χ^2 /NDF: 41850029.2/4

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

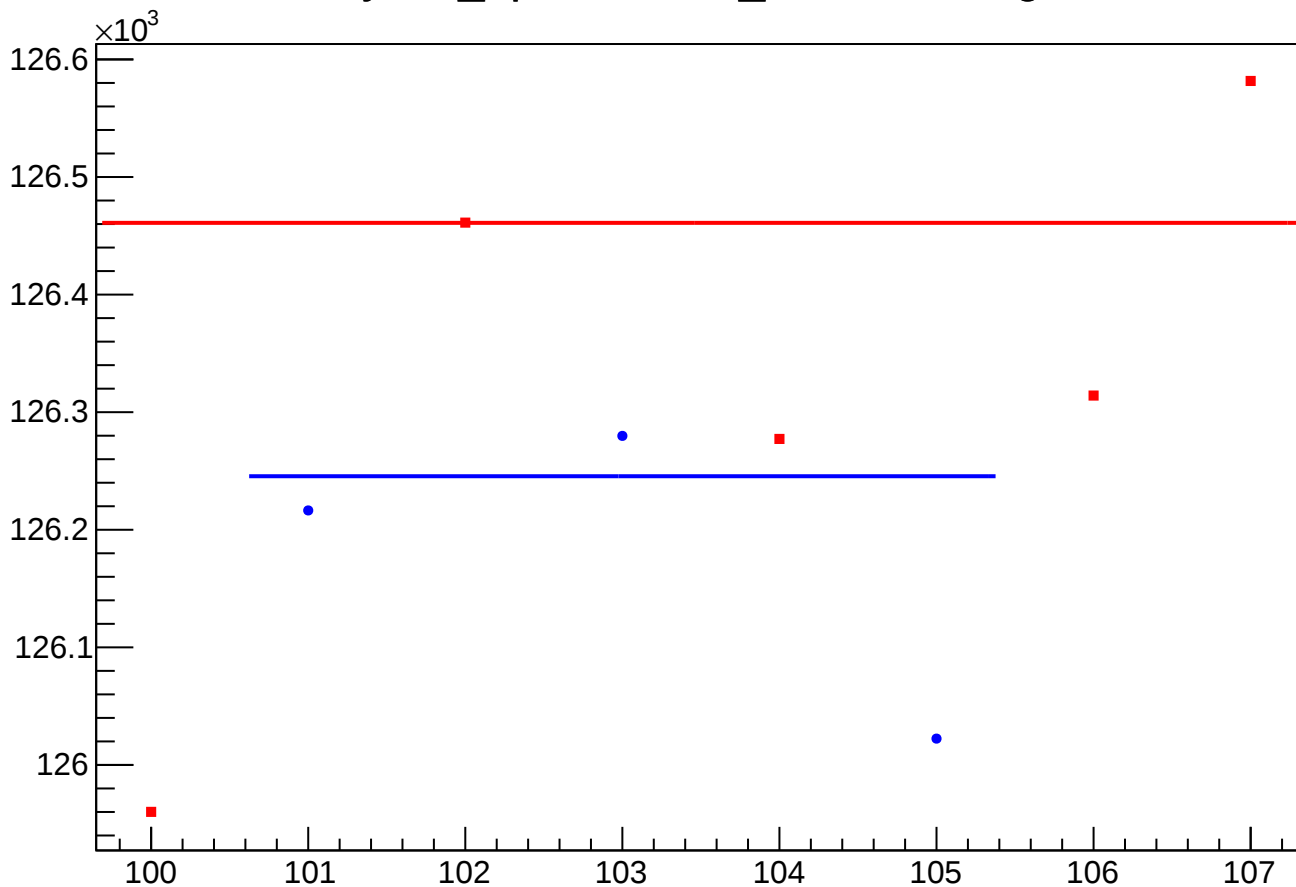
352.169+/-0.235 χ^2/NDF : 74233.2/2

Right Out: 152.979+/-0.095 χ^2/NDF : 942642.2/4

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

152.979+/-0.095 χ^2/NDF : 942642.2/4

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

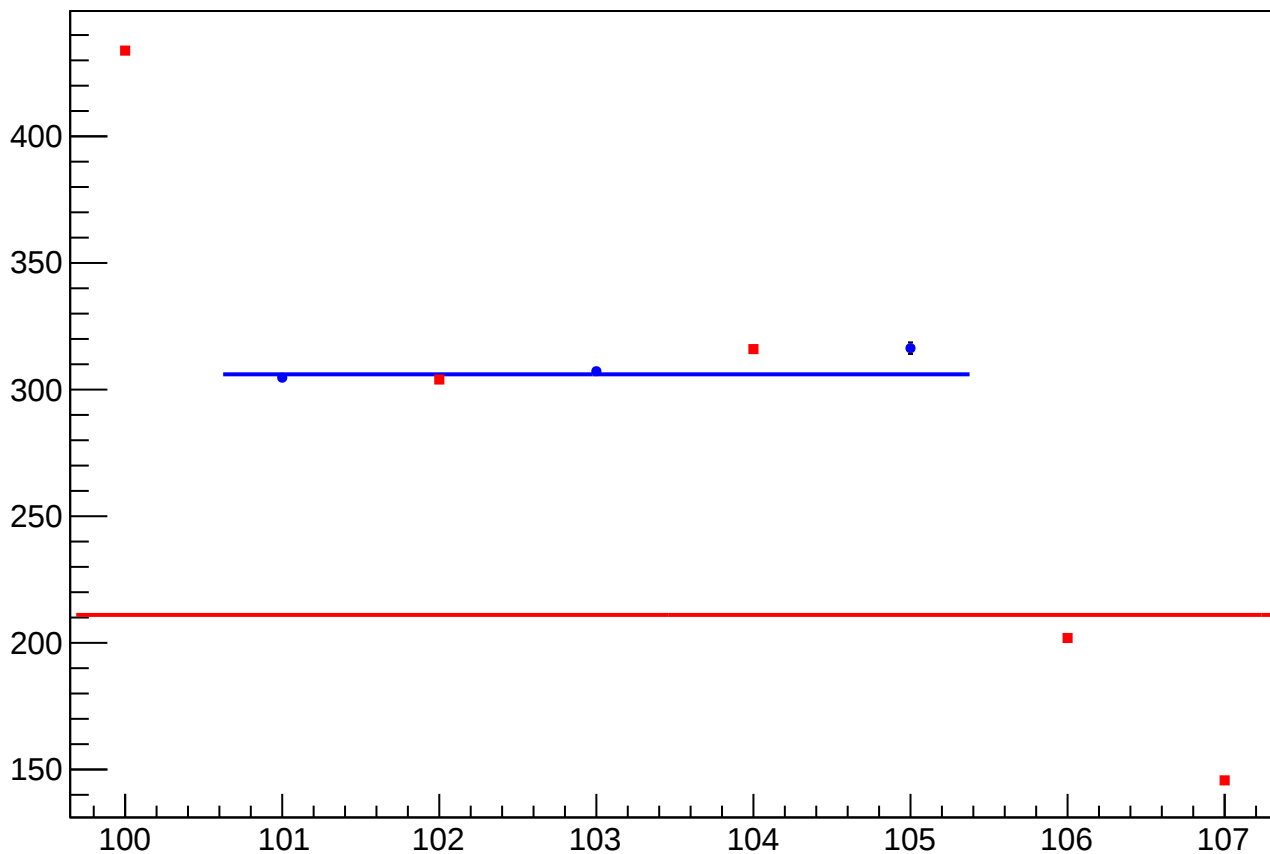
126245.532 $\pm$ 0.284 χ^2 /NDF: 17142.6/2

Right Out: 126461.017 $\pm$ 0.171 χ^2 /NDF: 638657.8/4

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

126461.017 $\pm$ 0.171 χ^2 /NDF: 638657.8/4

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

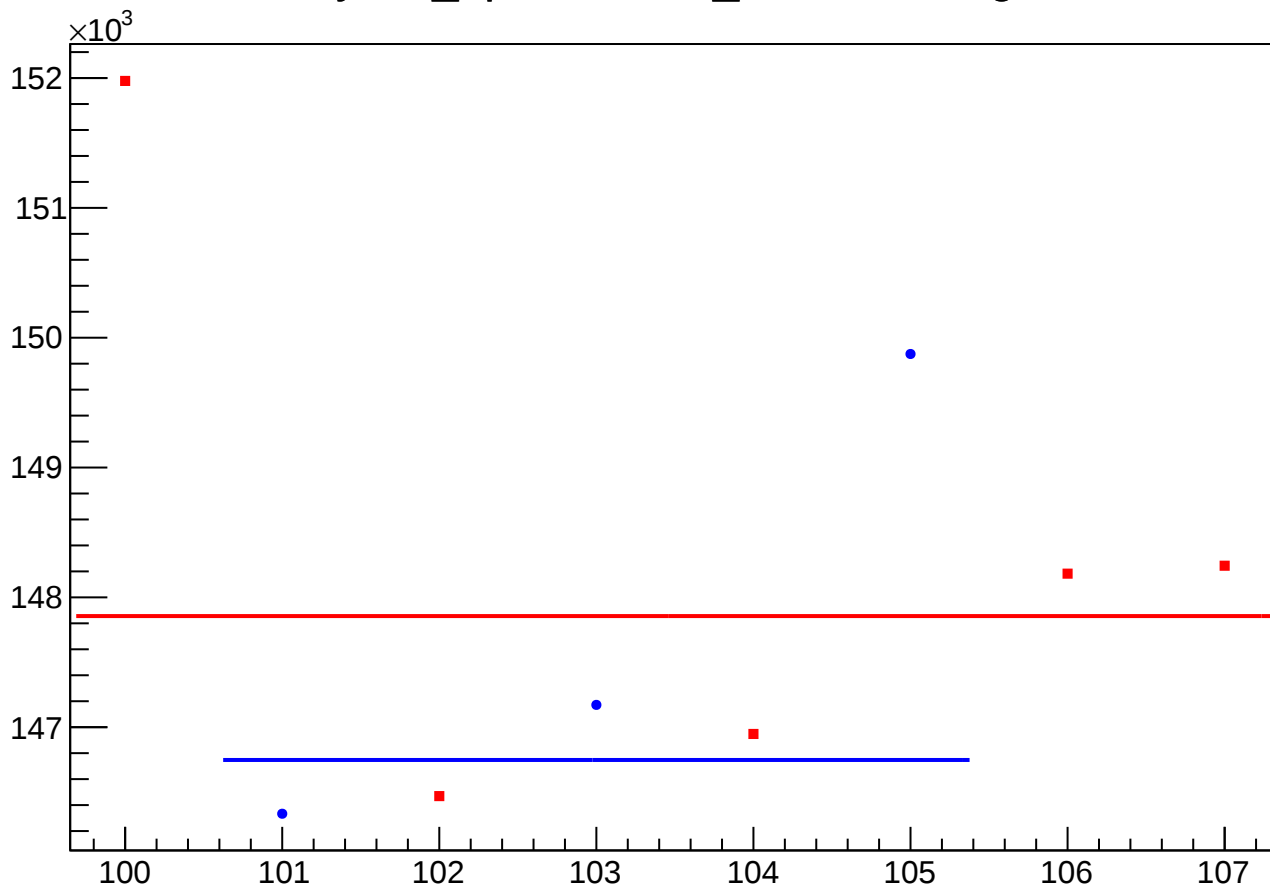
Right Out: 211.038+/-0.121 χ^2/NDF : 390995.6/4

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

306.033+/-0.201 χ^2/NDF : 60.6/2

211.038+/-0.121 χ^2/NDF : 390995.6/4

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

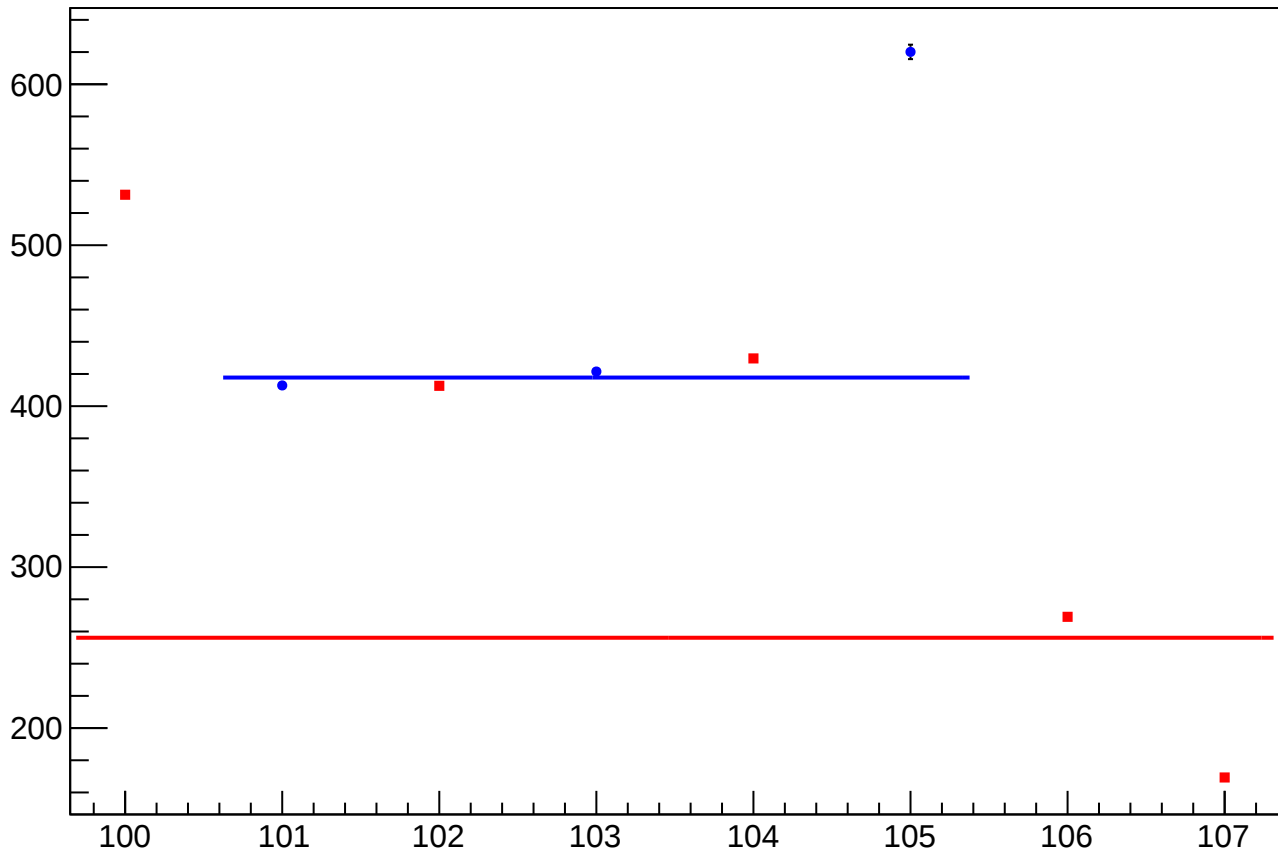
Right Out: 147855.869 $\pm$ 0.215 χ^2 /NDF: 14782603.1/4

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

146747.479 $\pm$ 0.388 χ^2 /NDF: 1406783.3/2

147855.869 $\pm$ 0.215 χ^2 /NDF: 14782603.1/4

yield_bpm0l02WS_rms vs slug



Right In: 417.779+/-0.274 χ^2/NDF : 2282.7/2

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

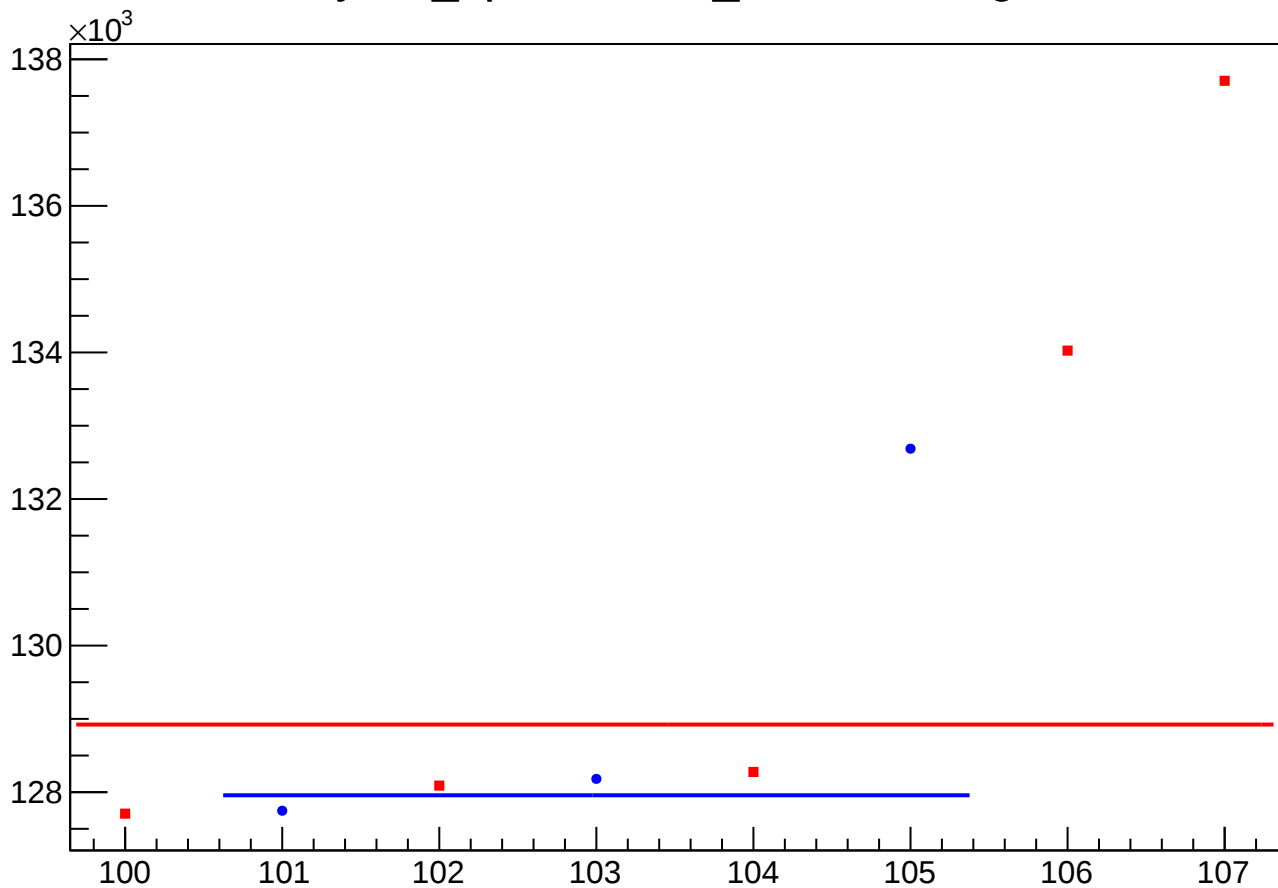
417.779+/-0.274 χ^2/NDF : 2282.7/2

Right Out: 256.121+/-0.152 χ^2/NDF : 542706.8/4

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

256.121+/-0.152 χ^2/NDF : 542706.8/4

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

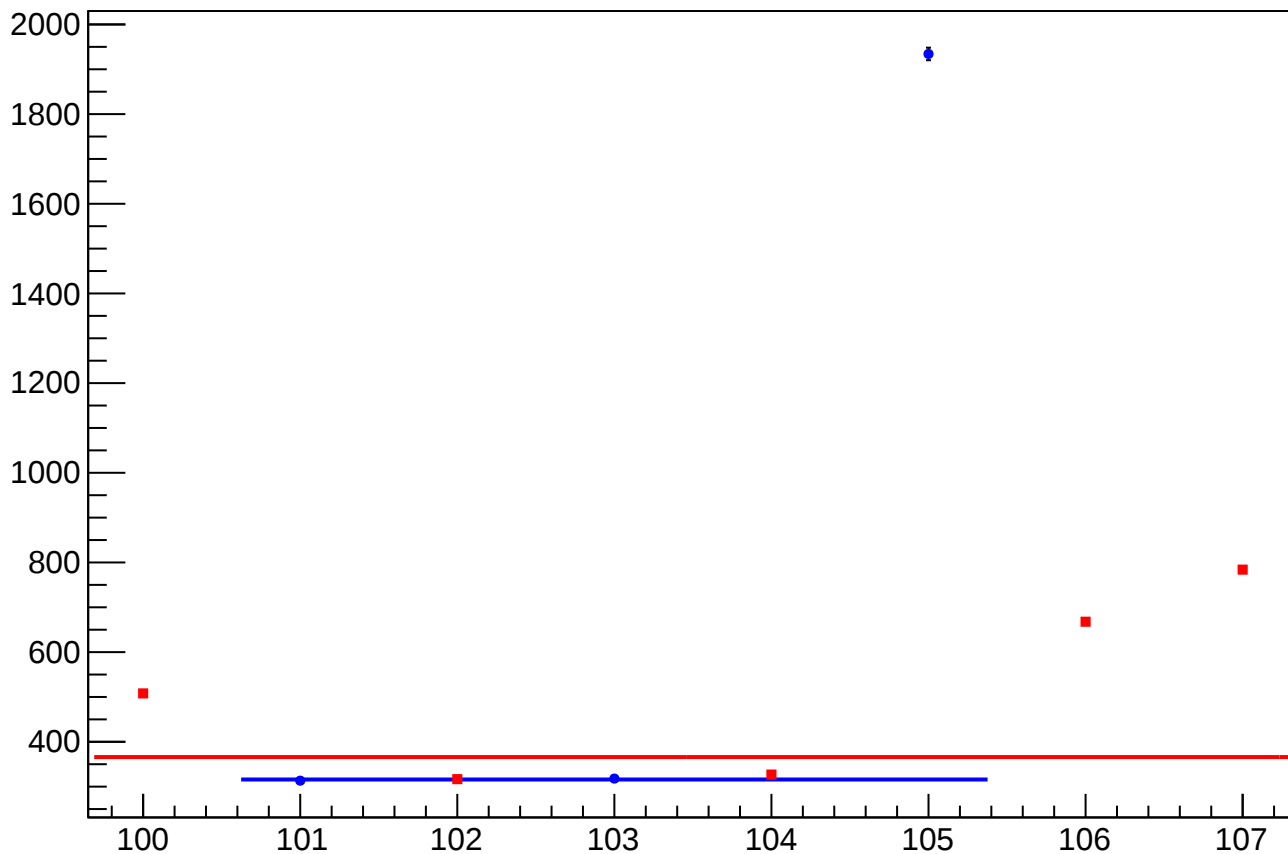
127957.732 $\pm$ 0.294 χ^2 /NDF: 602680.6/2

Right Out: 128922.799 $\pm$ 0.296 χ^2 /NDF: 62682890.9/4

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

128922.799 $\pm$ 0.296 χ^2 /NDF: 62682890.9/4

yield_bpm0l03WS_rms vs slug



Right In: 315.907+/-0.208 χ^2/NDF : 13463.3/2

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

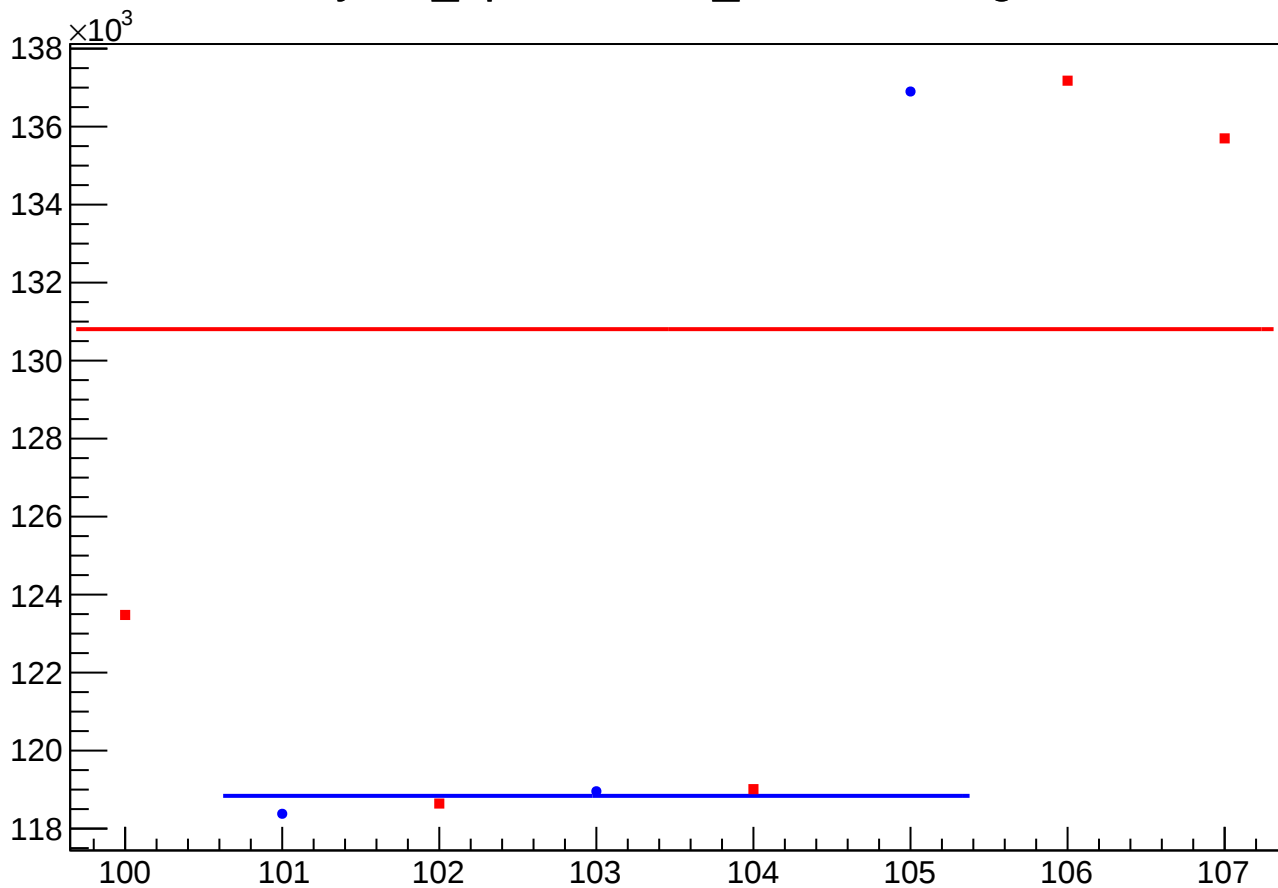
Right Out: 365.939+/-0.209 χ^2/NDF : 347788.7/4

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

315.907+/-0.208 χ^2/NDF : 13463.3/2

365.939+/-0.209 χ^2/NDF : 347788.7/4

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

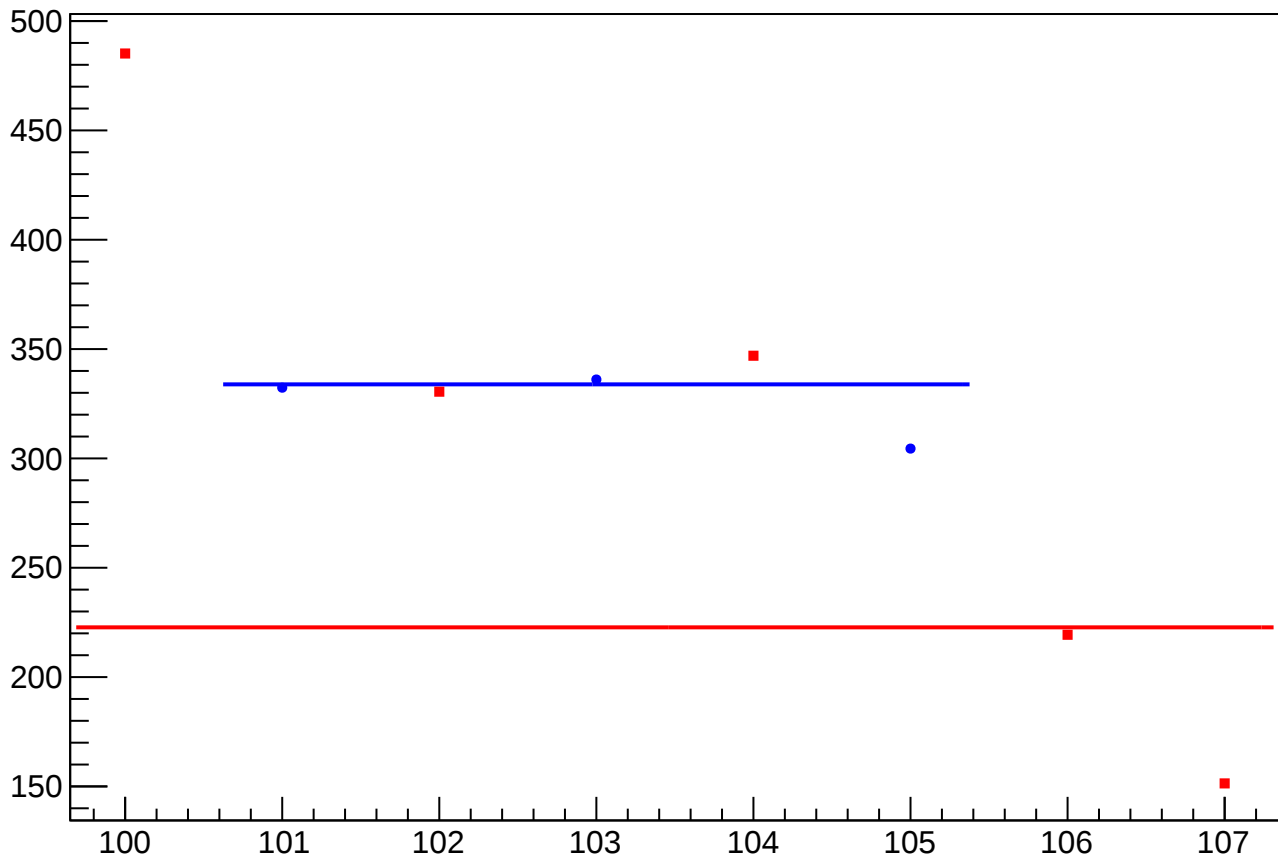
118839.654 $\pm$ 0.310 χ^2 /NDF: 34705238.8/2

Right Out: 130806.660 $\pm$ 0.181 χ^2 /NDF: 1919801079.0/4

130806.660 $\pm$ 0.181 χ^2 /NDF: 1919801079.0/4

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

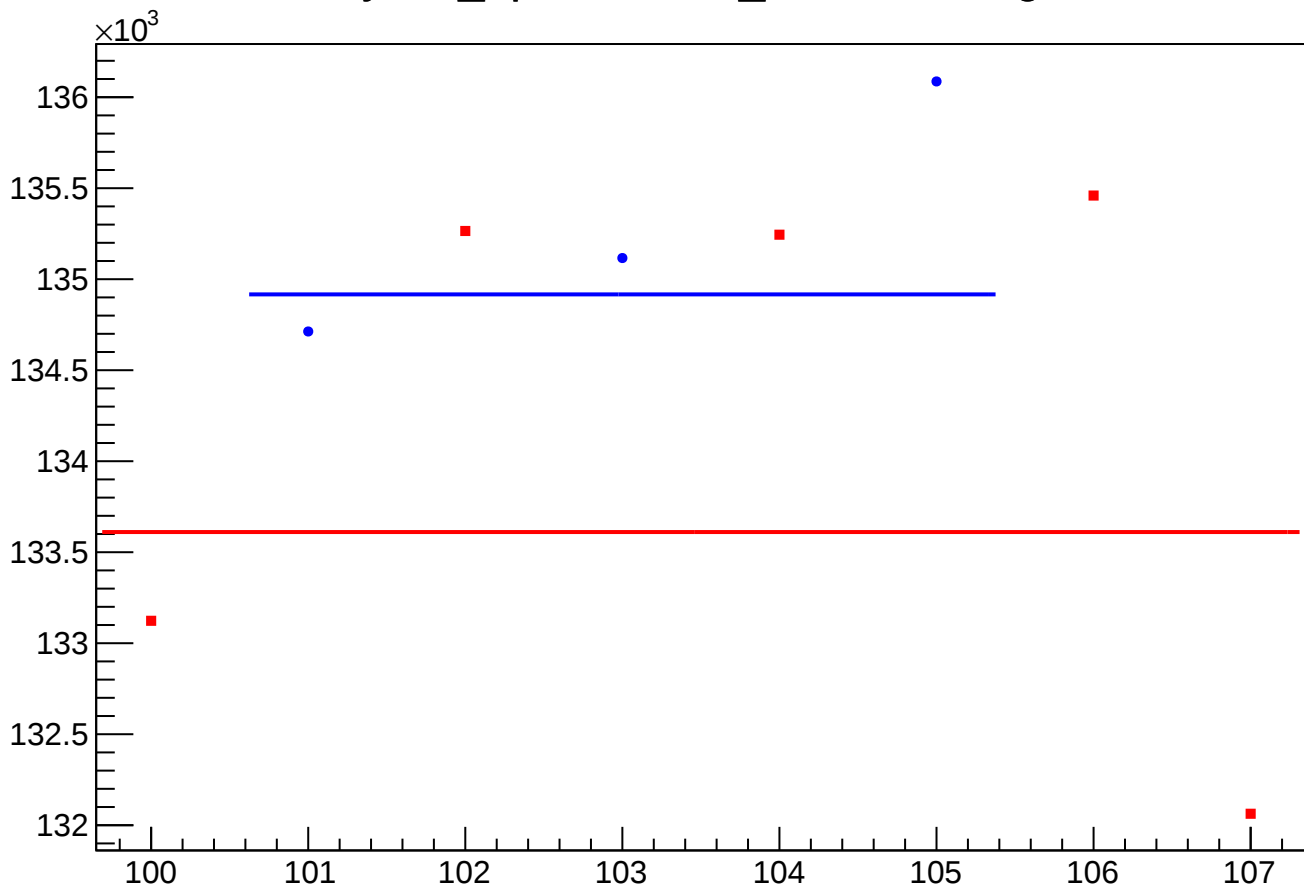
333.865 $\pm$ 0.219 χ^2 /NDF: 251.2/2

Right Out: 222.745 $\pm$ 0.128 χ^2 /NDF: 440973.8/4

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

222.745 $\pm$ 0.128 χ^2 /NDF: 440973.8/4

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

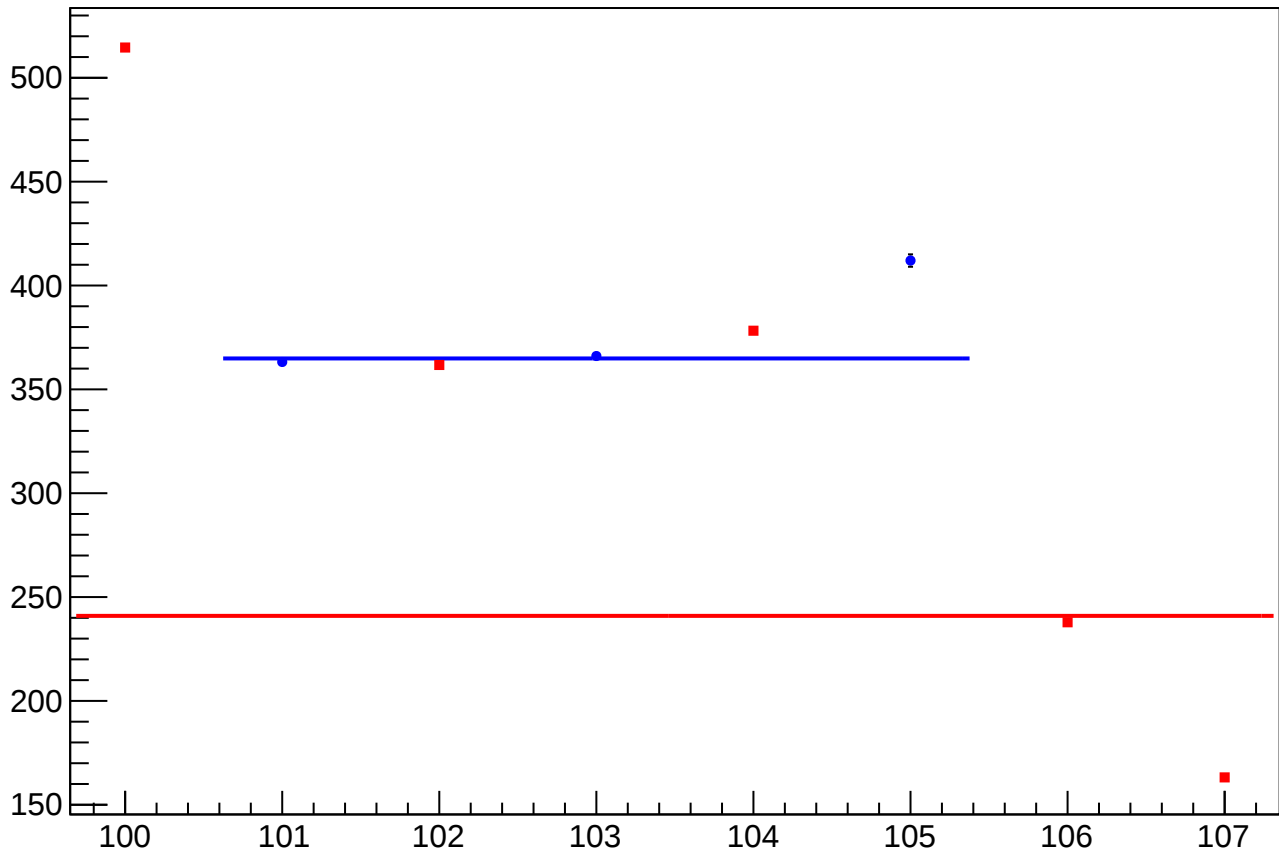
134916.583 $\pm$ 0.338 χ^2 /NDF: 430036.4/2

Right Out: 133610.817 $\pm$ 0.198 χ^2 /NDF: 67674088.9/4

133610.817 $\pm$ 0.198 χ^2 /NDF: 67674088.9/4

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

yield_bpm0l05WS_rms vs slug



Right In: 364.883+/-0.239 χ^2/NDF : 286.7/2

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

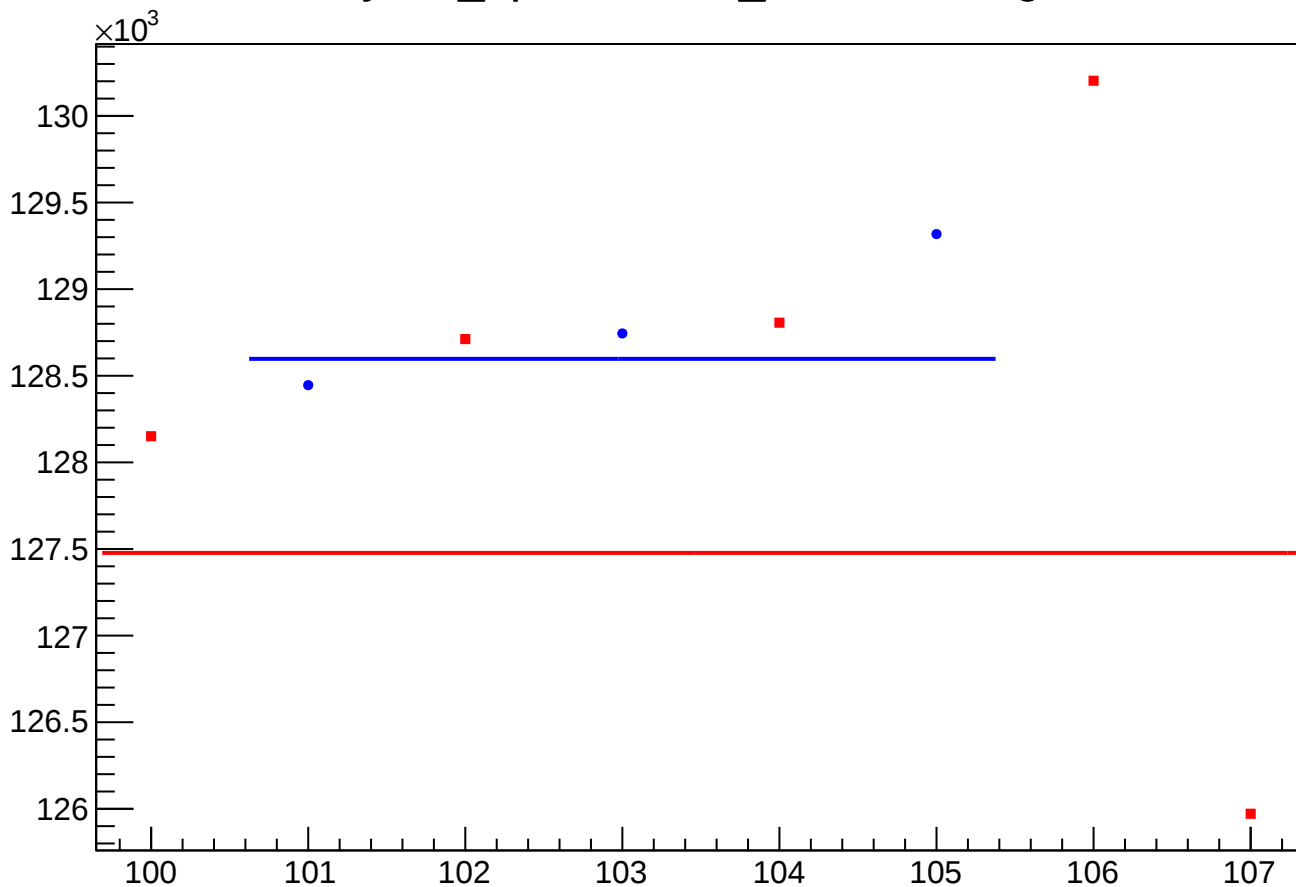
364.883+/-0.239 χ^2/NDF : 286.7/2

Right Out: 240.947+/-0.140 χ^2/NDF : 451871.2/4

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

240.947+/-0.140 χ^2/NDF : 451871.2/4

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

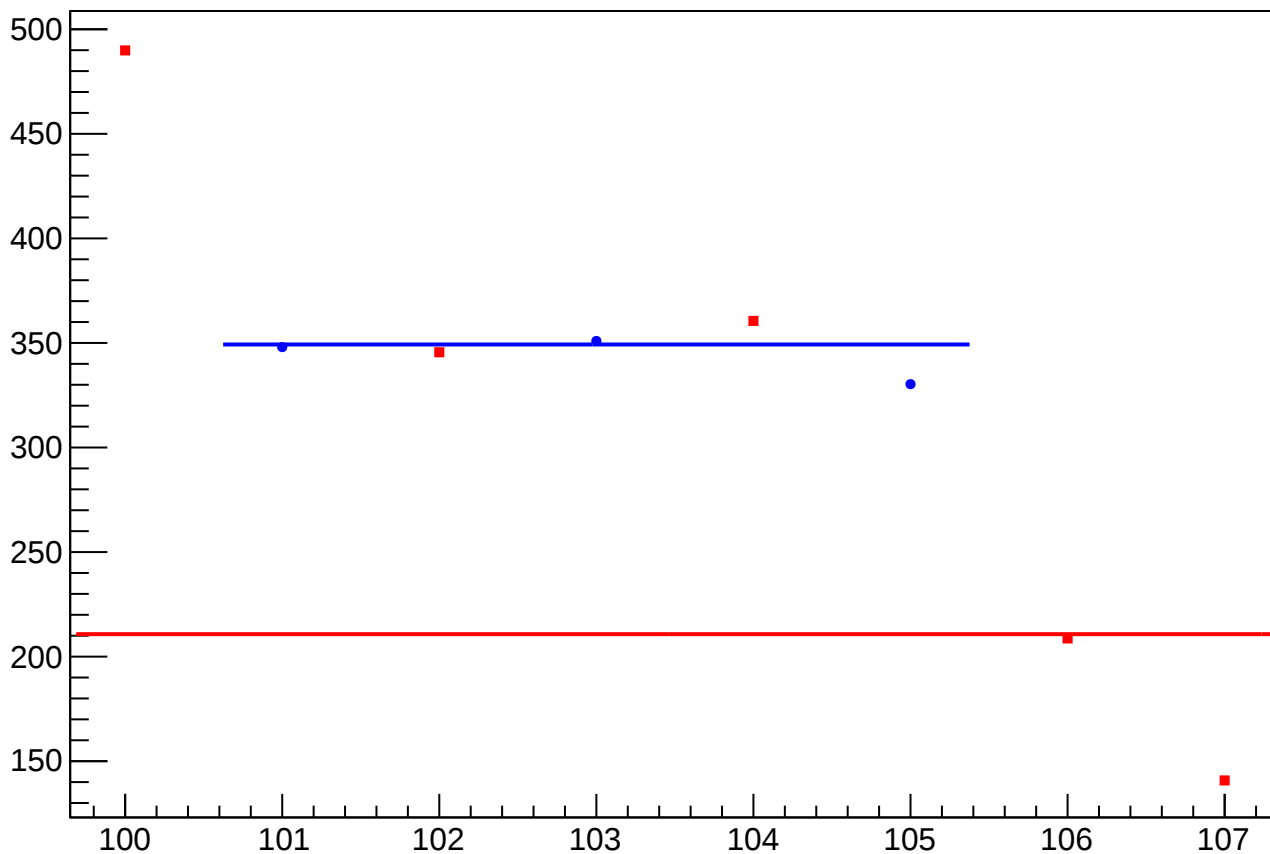
128597.600 $\pm$ 0.324 χ^2 /NDF: 255849.2/2

Right Out: 127477.478 $\pm$ 0.176 χ^2 /NDF: 98235556.3/4

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

127477.478 $\pm$ 0.176 χ^2 /NDF: 98235556.3/4

yield_bpm0l06WS_rms vs slug



Right In: 349.269+/-0.229 χ^2/NDF : 103.8/2

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

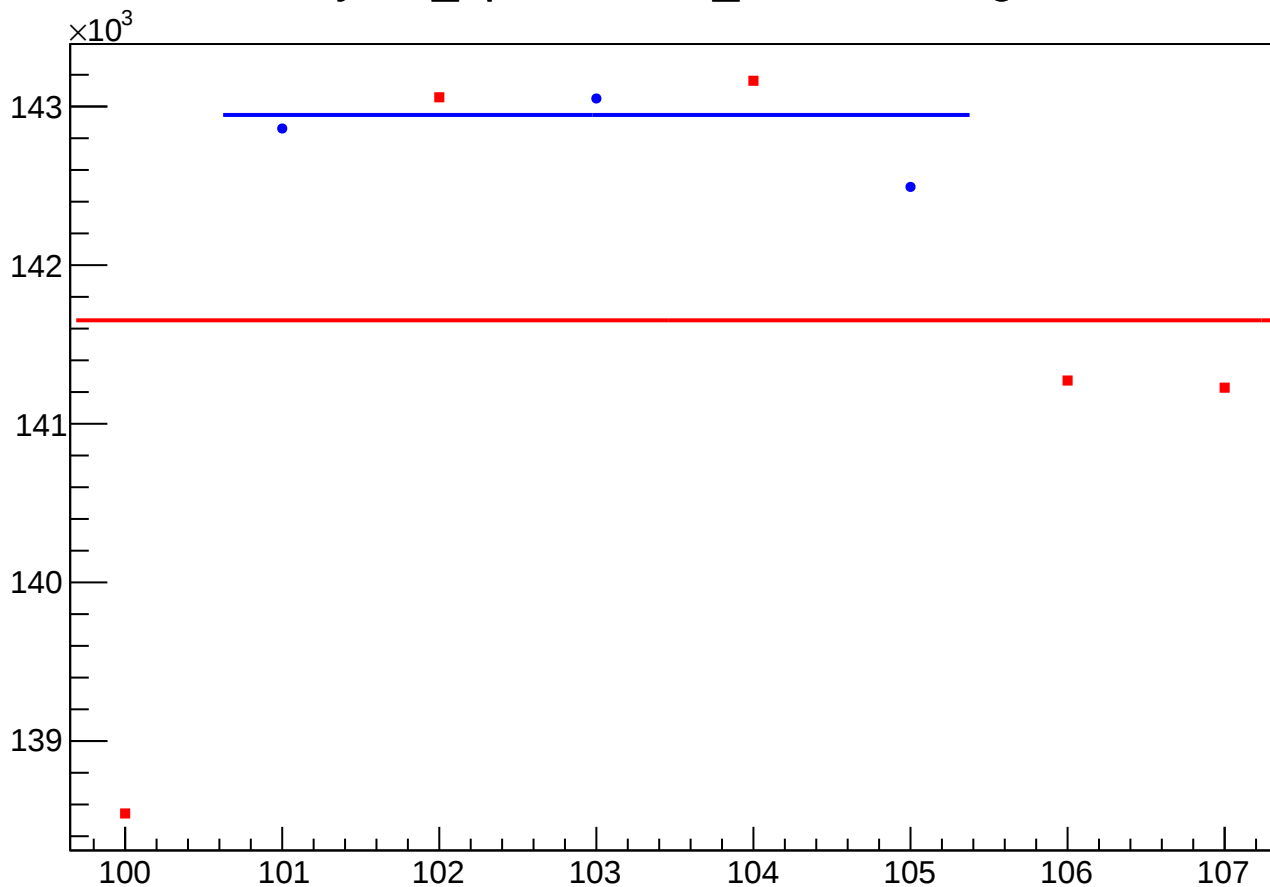
349.269+/-0.229 χ^2/NDF : 103.8/2

Right Out: 210.743+/-0.124 χ^2/NDF : 556628.4/4

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

210.743+/-0.124 χ^2/NDF : 556628.4/4

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

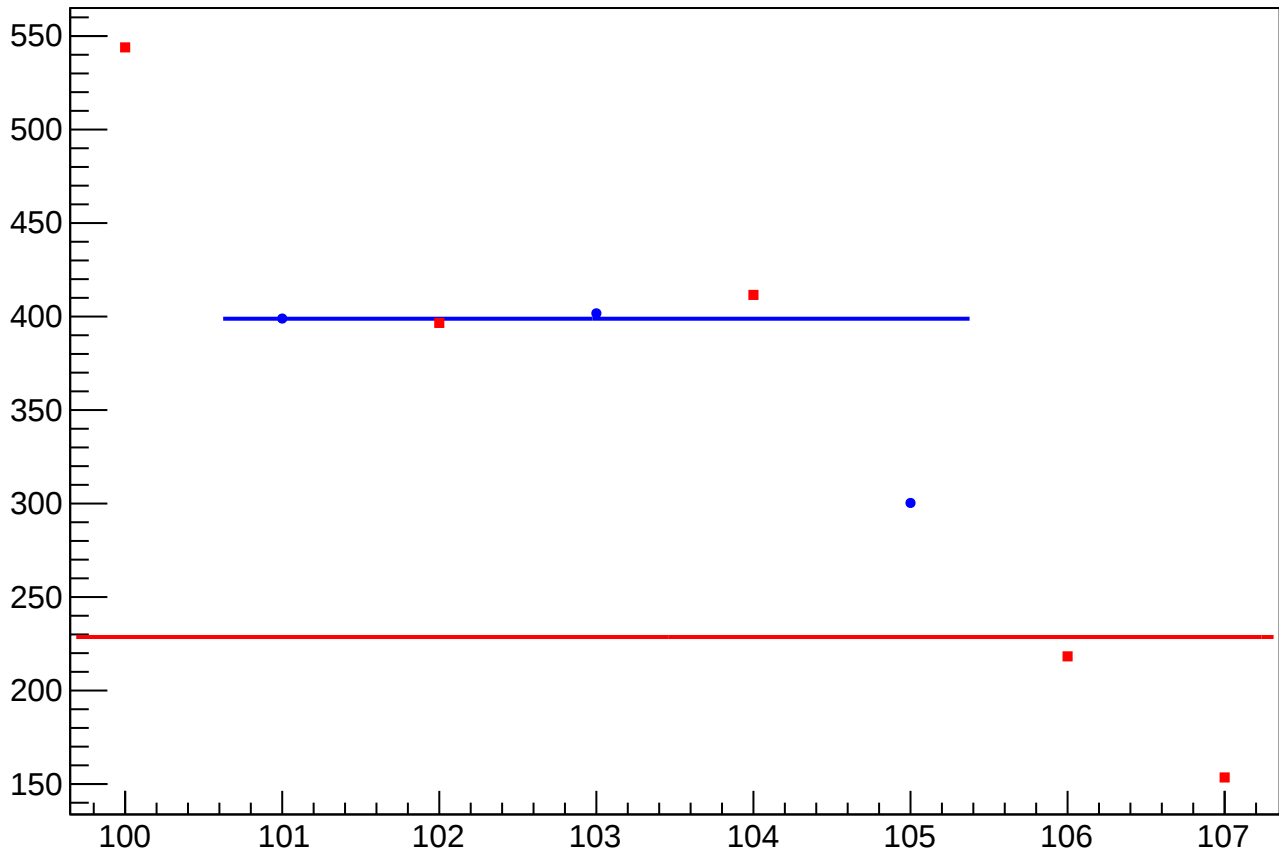
Right Out: 141652.189 $\pm$ 0.191 χ^2 /NDF: 19297472.2/4

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

142946.816 $\pm$ 0.370 χ^2 /NDF: 86356.4/2

141652.189 $\pm$ 0.191 χ^2 /NDF: 19297472.2/4

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

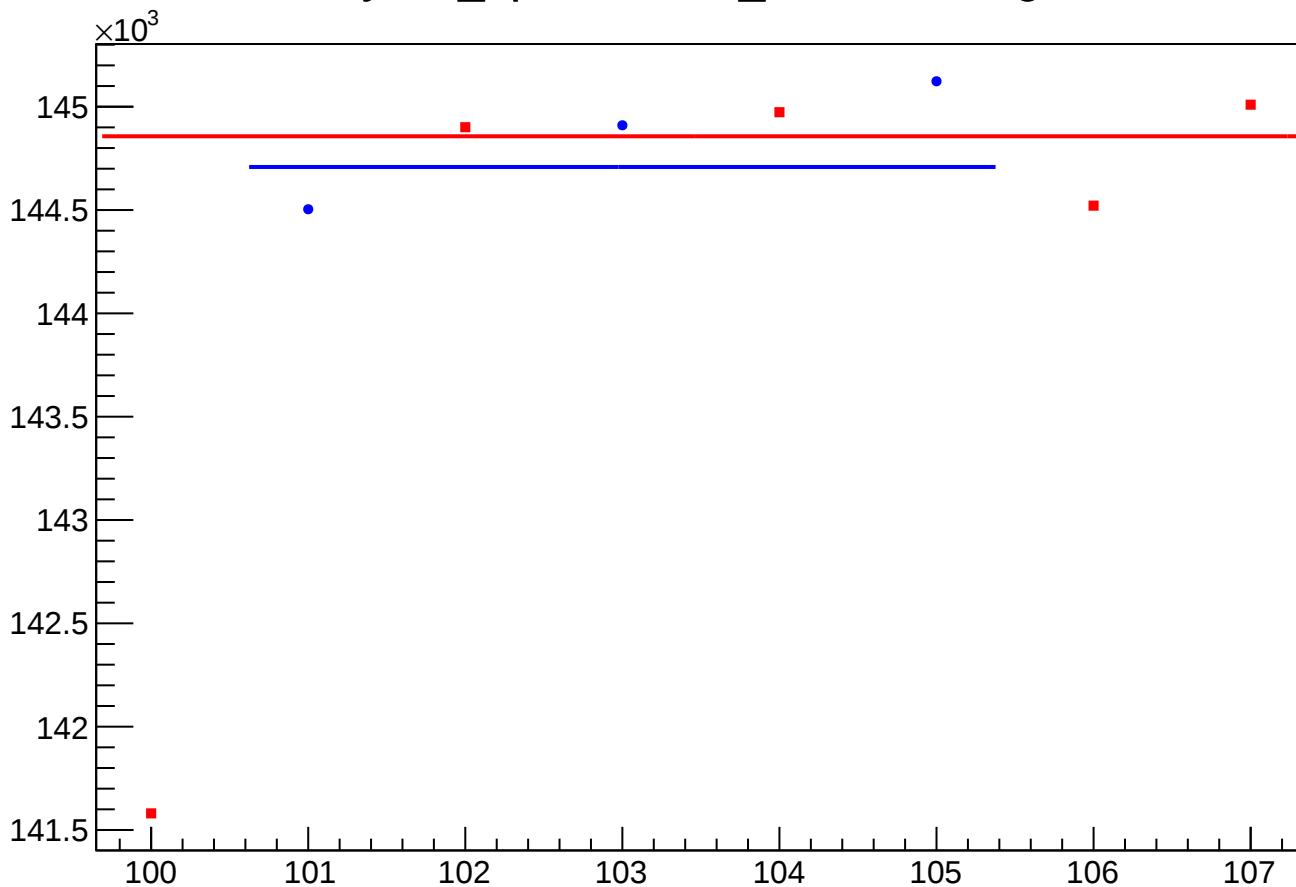
398.844 $\pm$ 0.262 χ^2 /NDF: 2108.5/2

Right Out: 228.624 $\pm$ 0.135 χ^2 /NDF: 608421.3/4

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

228.624 $\pm$ 0.135 χ^2 /NDF: 608421.3/4

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

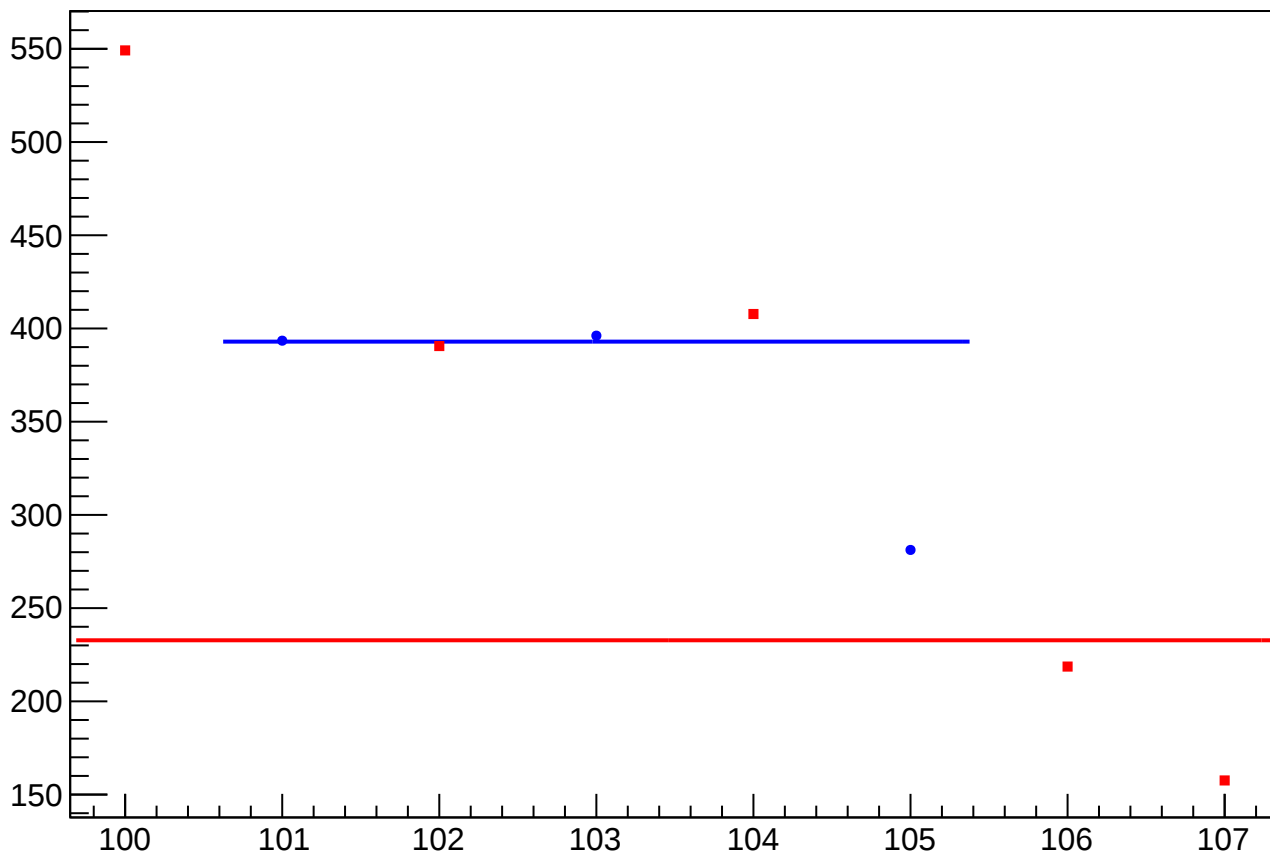
Right Out: 144856.925 $\pm$ 0.193 χ^2 /NDF: 3523338.0/4

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

144708.375 $\pm$ 0.365 χ^2 /NDF: 325977.9/2

144856.925 $\pm$ 0.193 χ^2 /NDF: 3523338.0/4

yield_bpm0l08WS_rms vs slug



Right In: 392.945 $\pm$ 0.258 χ^2 /NDF: 3082.8/2

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

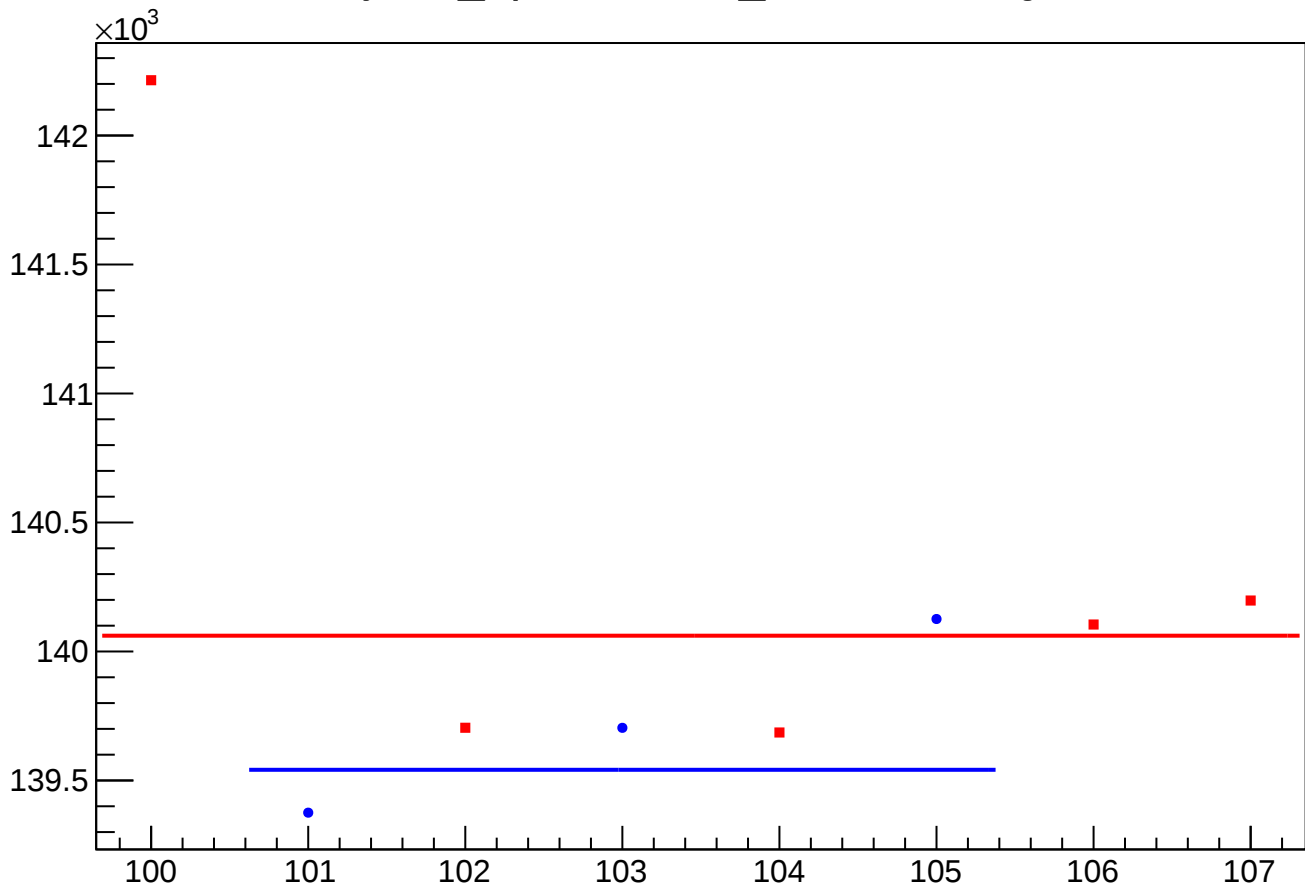
Right Out: 232.753 $\pm$ 0.137 χ^2 /NDF: 569860.1/4

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

392.945 $\pm$ 0.258 χ^2 /NDF: 3082.8/2

232.753 $\pm$ 0.137 χ^2 /NDF: 569860.1/4

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

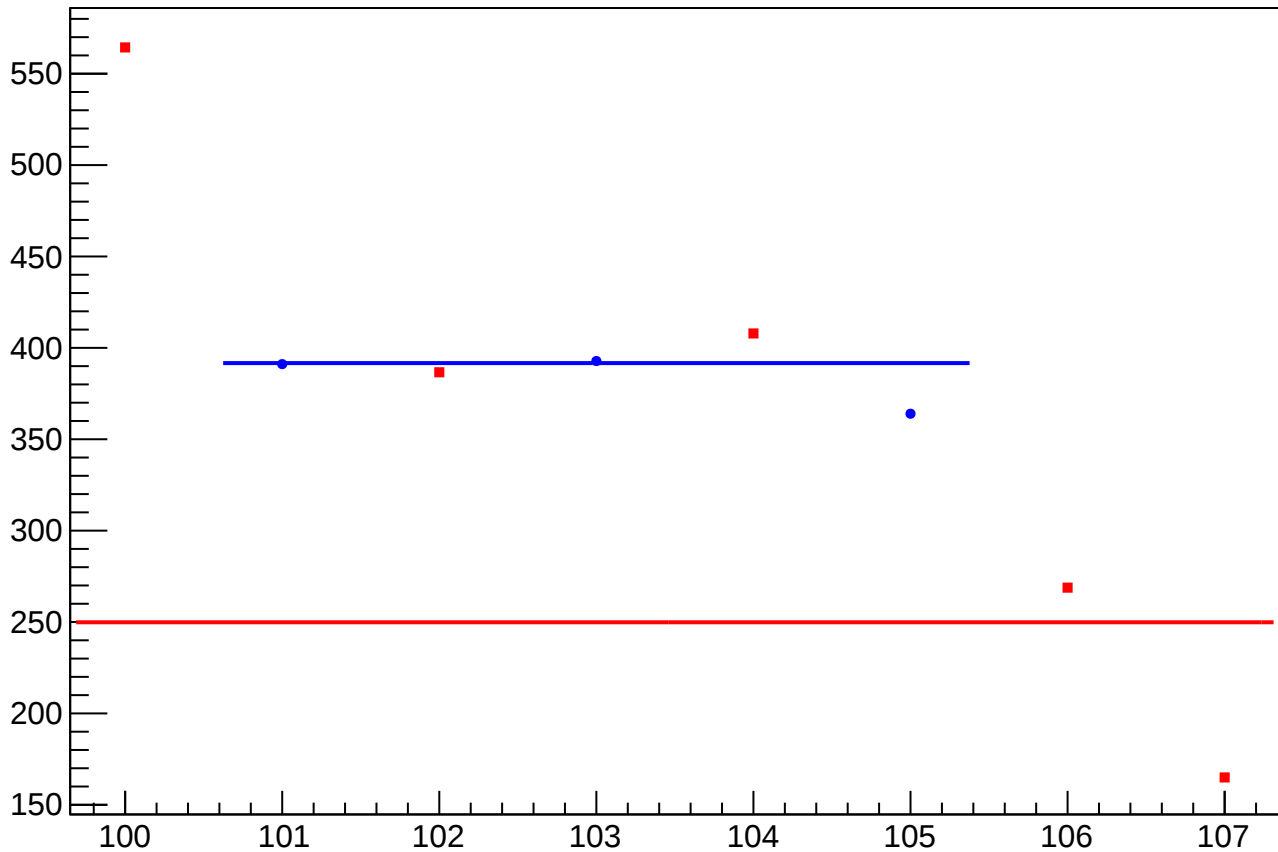
139541.390 $\pm$ 0.363 χ^2 /NDF: 227512.4/2

Right Out: 140061.193 $\pm$ 0.206 χ^2 /NDF: 2149495.5/4

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

140061.193 $\pm$ 0.206 χ^2 /NDF: 2149495.5/4

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

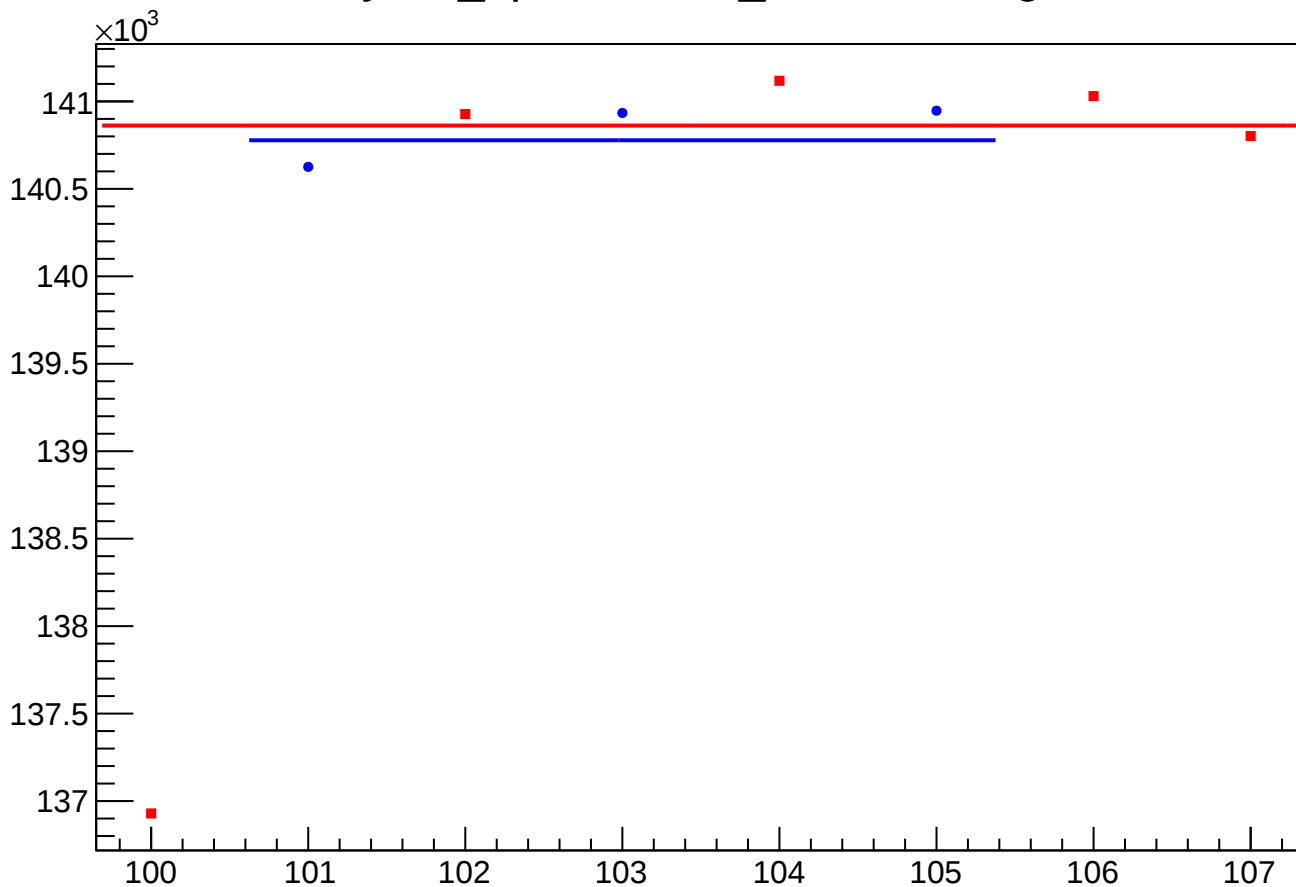
391.668 $\pm$ 0.257 χ^2 /NDF: 122.2/2

Right Out: 249.855 $\pm$ 0.146 χ^2 /NDF: 517941.4/4

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

249.855 $\pm$ 0.146 χ^2 /NDF: 517941.4/4

yield_bpm0l10WS_mean vs slug



Right In: 140777.885 ± 0.364 $\chi^2/\text{NDF}: 180000.3/2$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

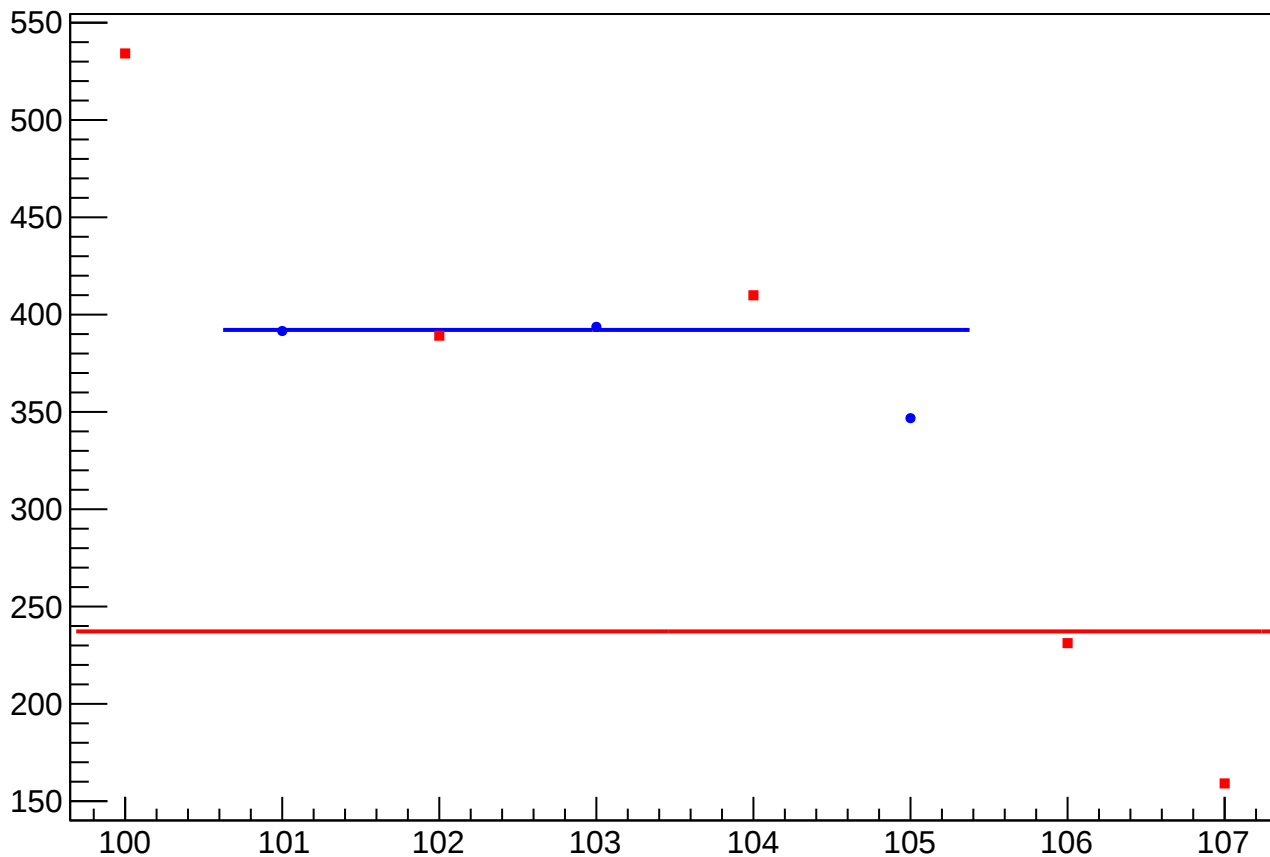
Right Out: 140861.955 ± 0.197 $\chi^2/\text{NDF}: 4196239.7/4$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

140777.885 ± 0.364 $\chi^2/\text{NDF}: 180000.3/2$

140861.955 ± 0.197 $\chi^2/\text{NDF}: 4196239.7/4$

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

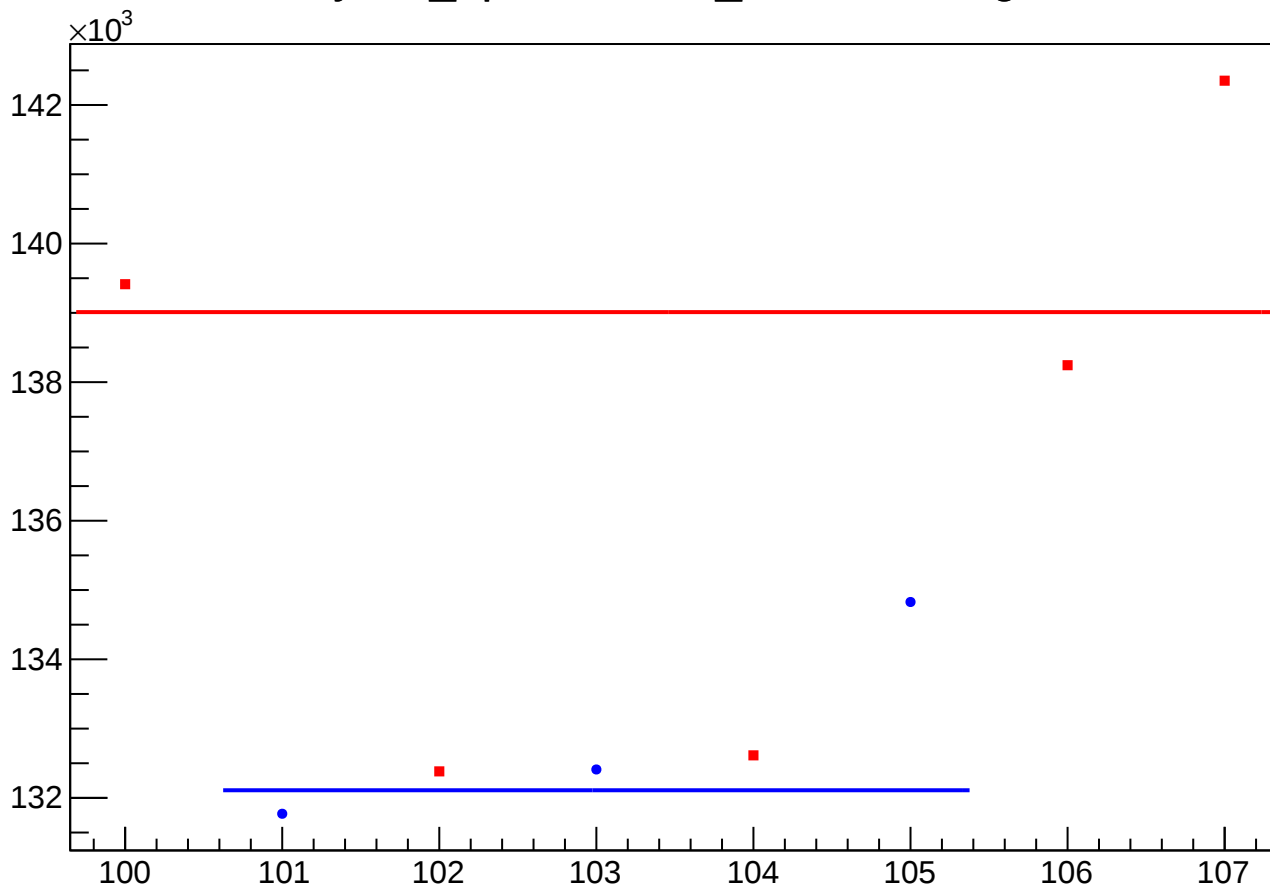
392.146 $\pm$ 0.257 χ^2 /NDF: 346.6/2

Right Out: 237.233 $\pm$ 0.140 χ^2 /NDF: 554912.3/4

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

237.233 $\pm$ 0.140 χ^2 /NDF: 554912.3/4

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

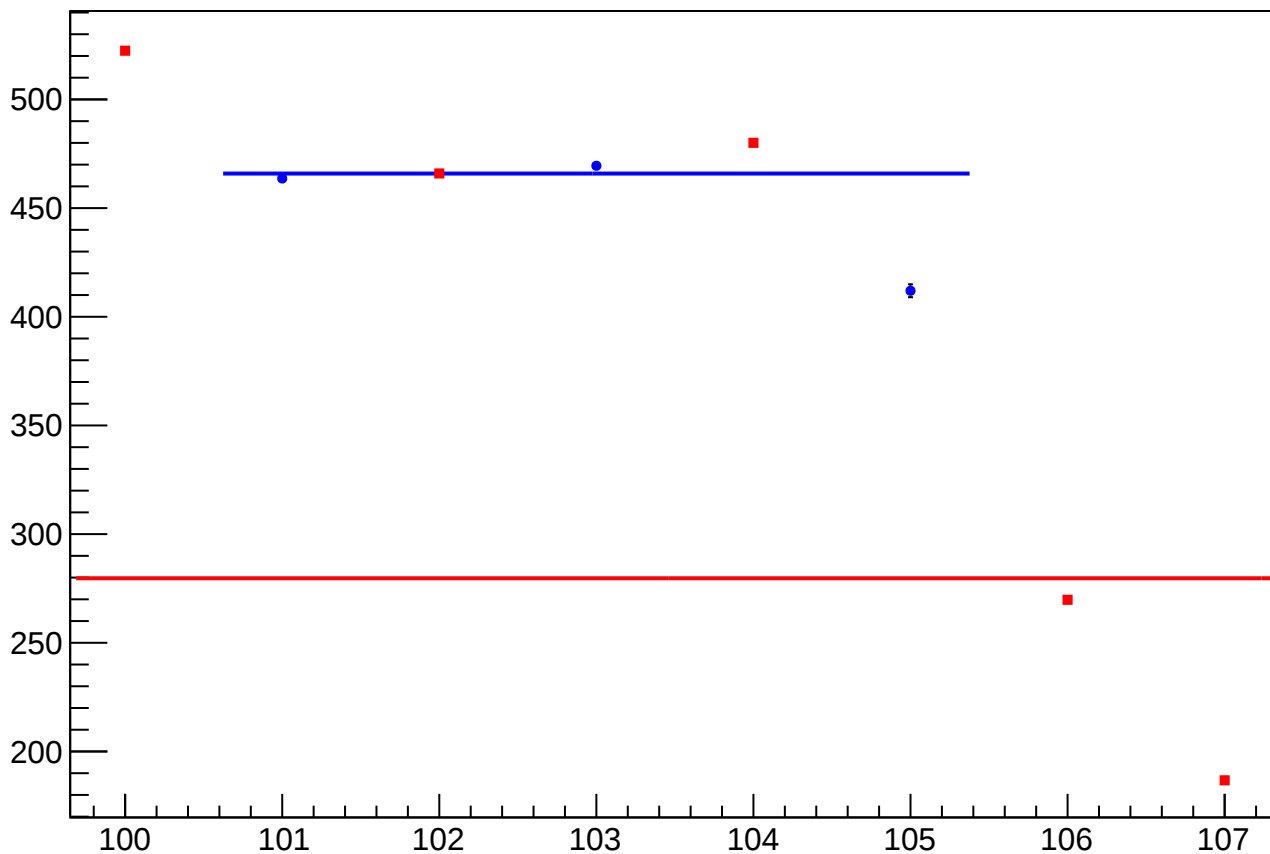
132110.169 $\pm$ 0.433 χ^2 /NDF: 957797.0/2

Right Out: 139010.972 $\pm$ 0.234 χ^2 /NDF: 306621130.0/4

139010.972 $\pm$ 0.234 χ^2 /NDF: 306621130.0/4

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

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

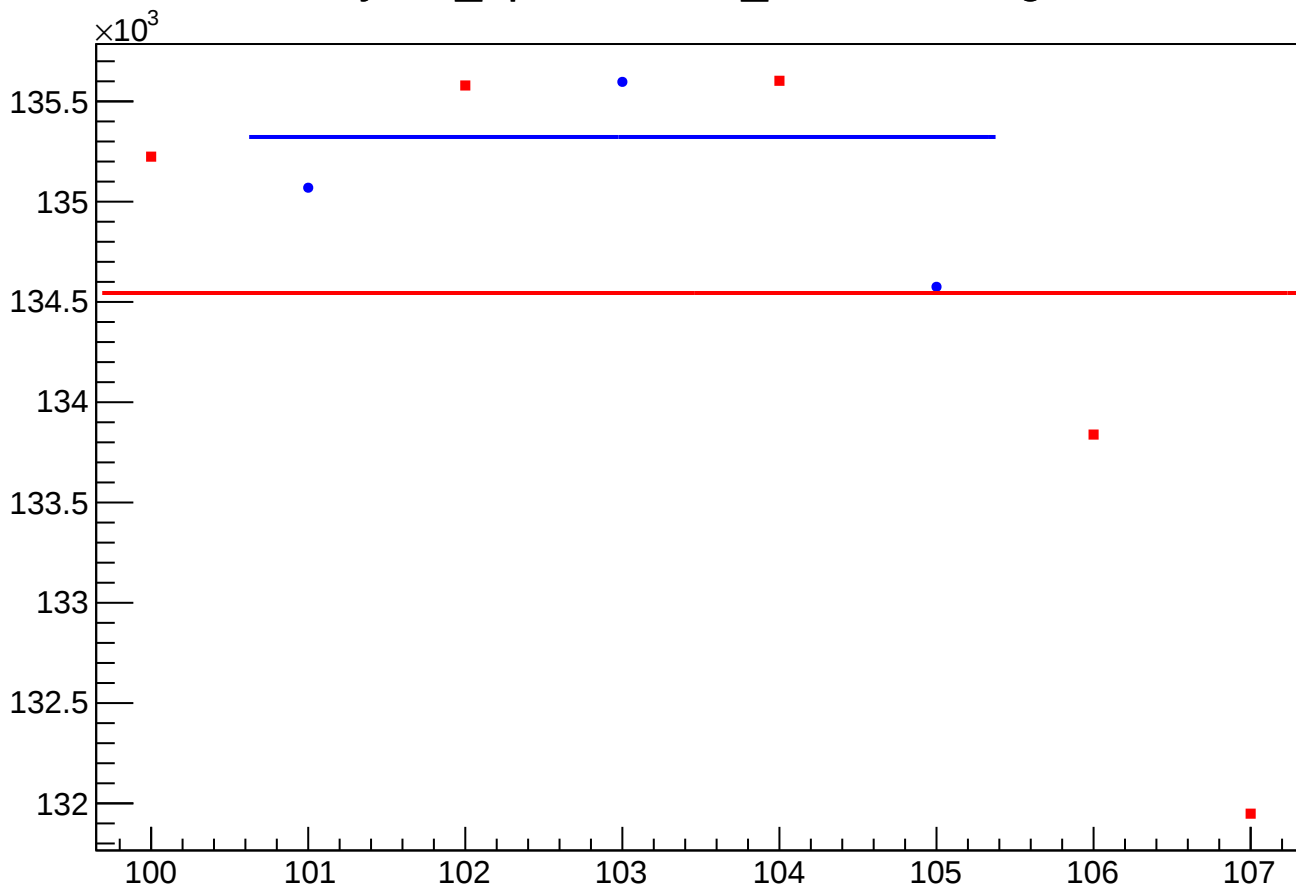
465.898 $\pm$ 0.306 χ^2 /NDF: 420.4/2

Right Out: 279.689 $\pm$ 0.165 χ^2 /NDF: 540872.5/4

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

279.689 $\pm$ 0.165 χ^2 /NDF: 540872.5/4

yield_bpm0r05WS_mean vs slug



Right In: 135322.474 ± 0.345 χ^2/NDF : 601917.0/2

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

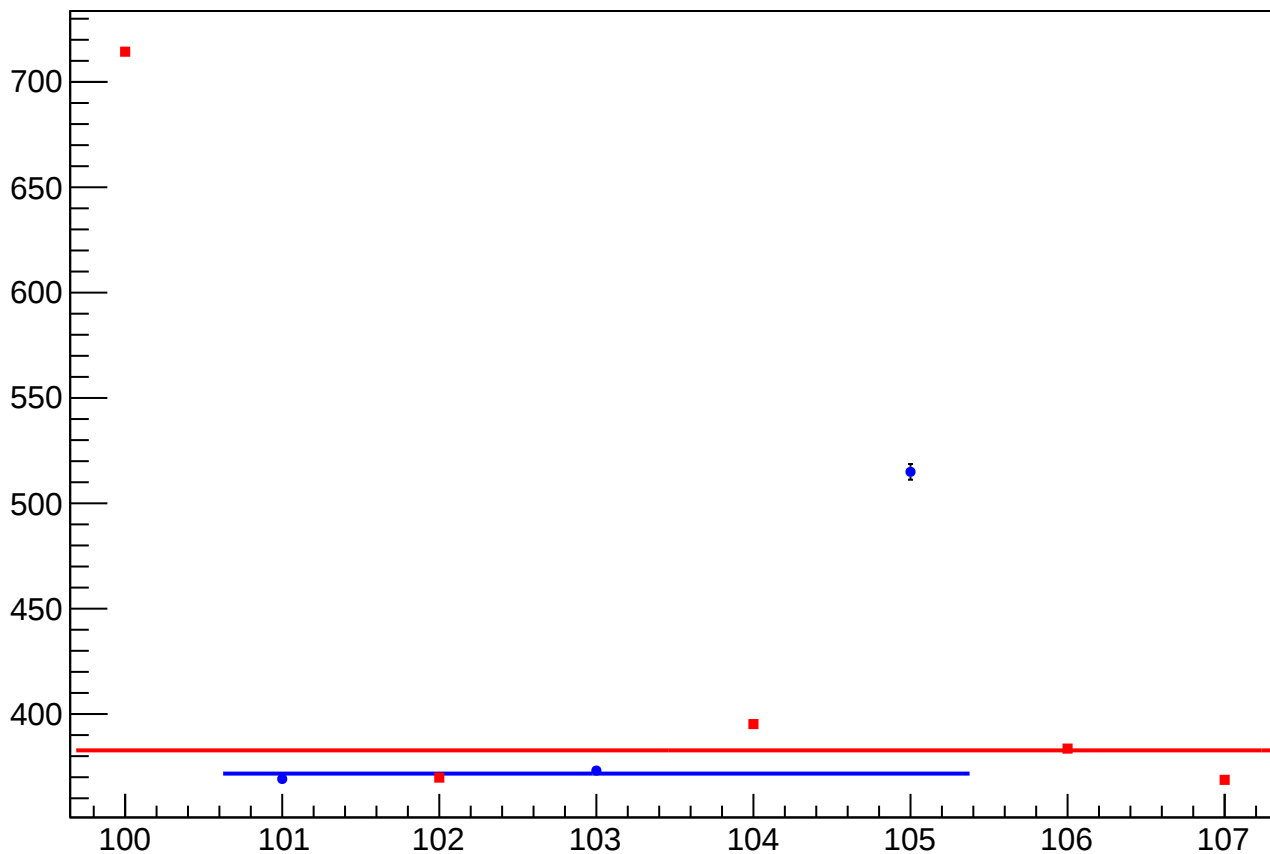
135322.474 ± 0.345 χ^2/NDF : 601917.0/2

Right Out: 134544.592 ± 0.297 χ^2/NDF : 25041893.1/4

134544.592 ± 0.297 χ^2/NDF : 25041893.1/4

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

yield_bpm0r05WS_rms vs slug



Right In: 371.720+/-0.244 χ^2/NDF : 1546.4/2

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

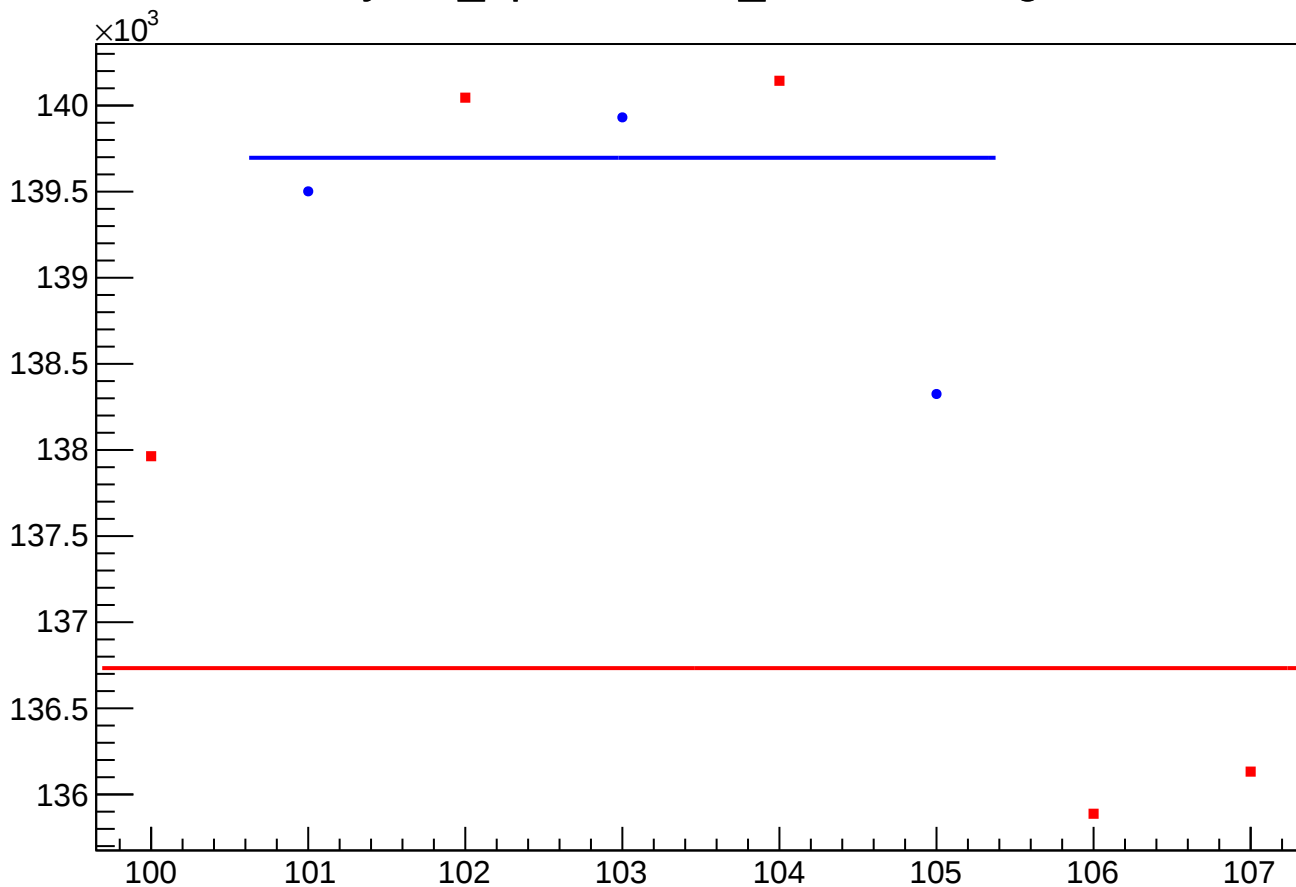
Right Out: 382.742+/-0.210 χ^2/NDF : 33542.2/4

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

371.720+/-0.244 χ^2/NDF : 1546.4/2

382.742+/-0.210 χ^2/NDF : 33542.2/4

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

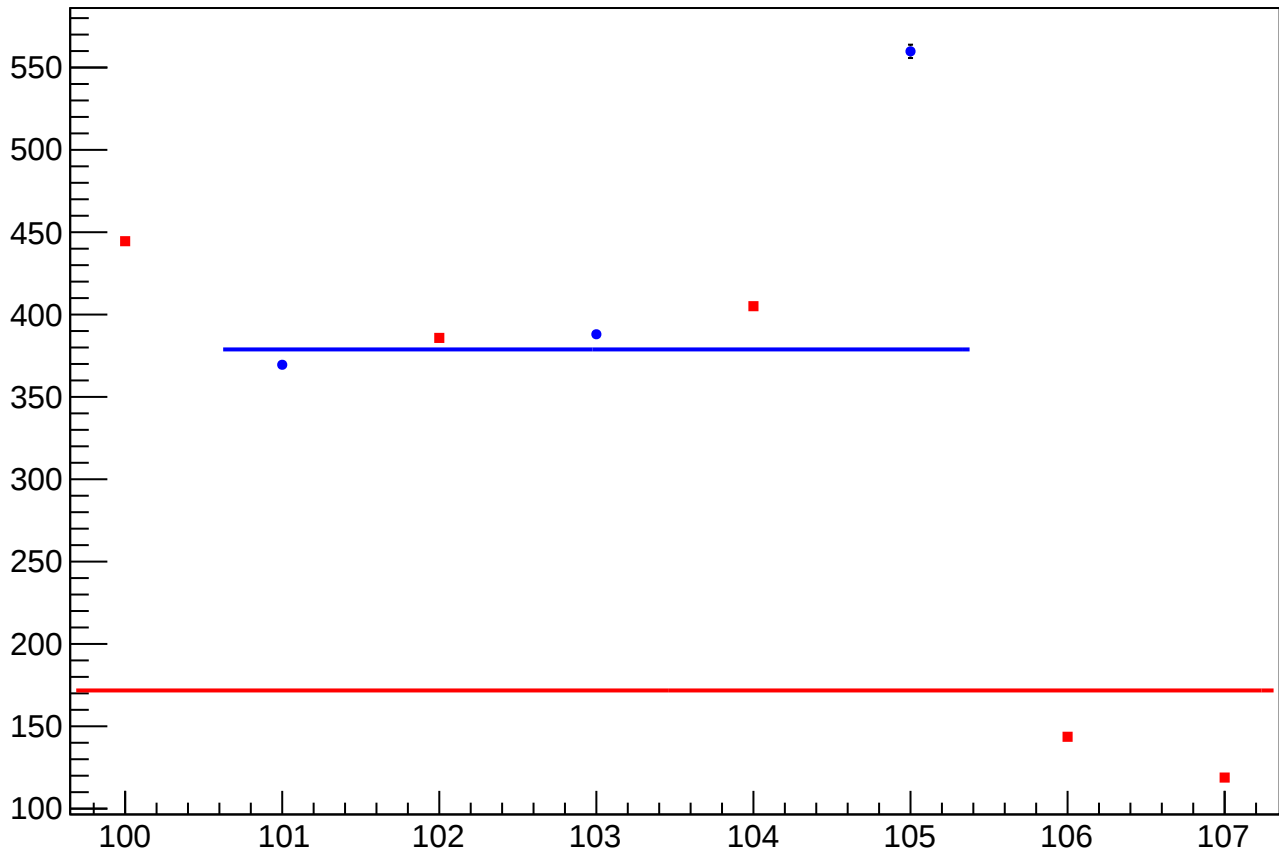
139696.581 $\pm$ 0.352 χ^2 /NDF: 427275.9/2

Right Out: 136733.418 $\pm$ 0.156 χ^2 /NDF: 91231949.5/4

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

136733.418 $\pm$ 0.156 χ^2 /NDF: 91231949.5/4

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

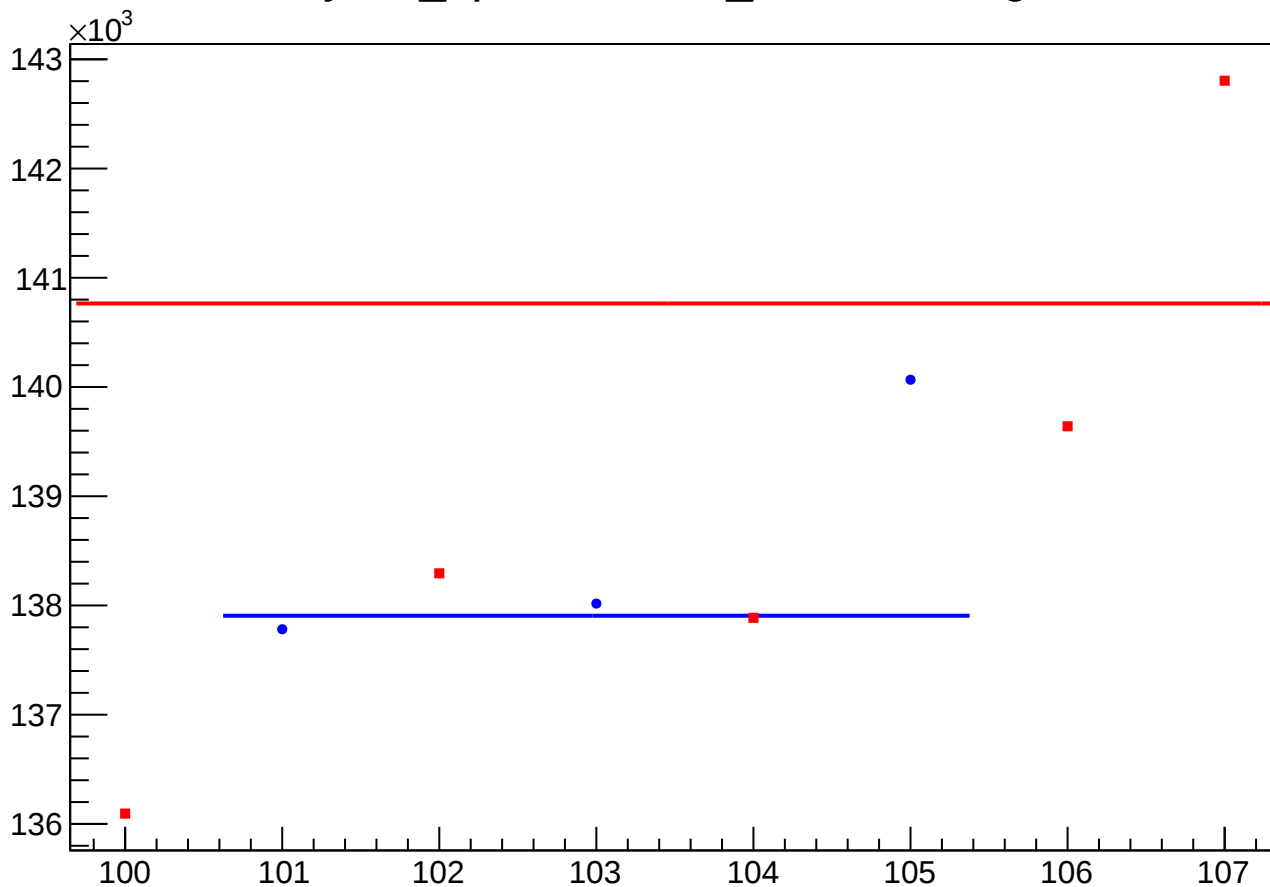
378.828+/-0.249 χ^2/NDF : 3375.3/2

Right Out: 171.760+/-0.110 χ^2/NDF : 869551.3/4

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

171.760+/-0.110 χ^2/NDF : 869551.3/4

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

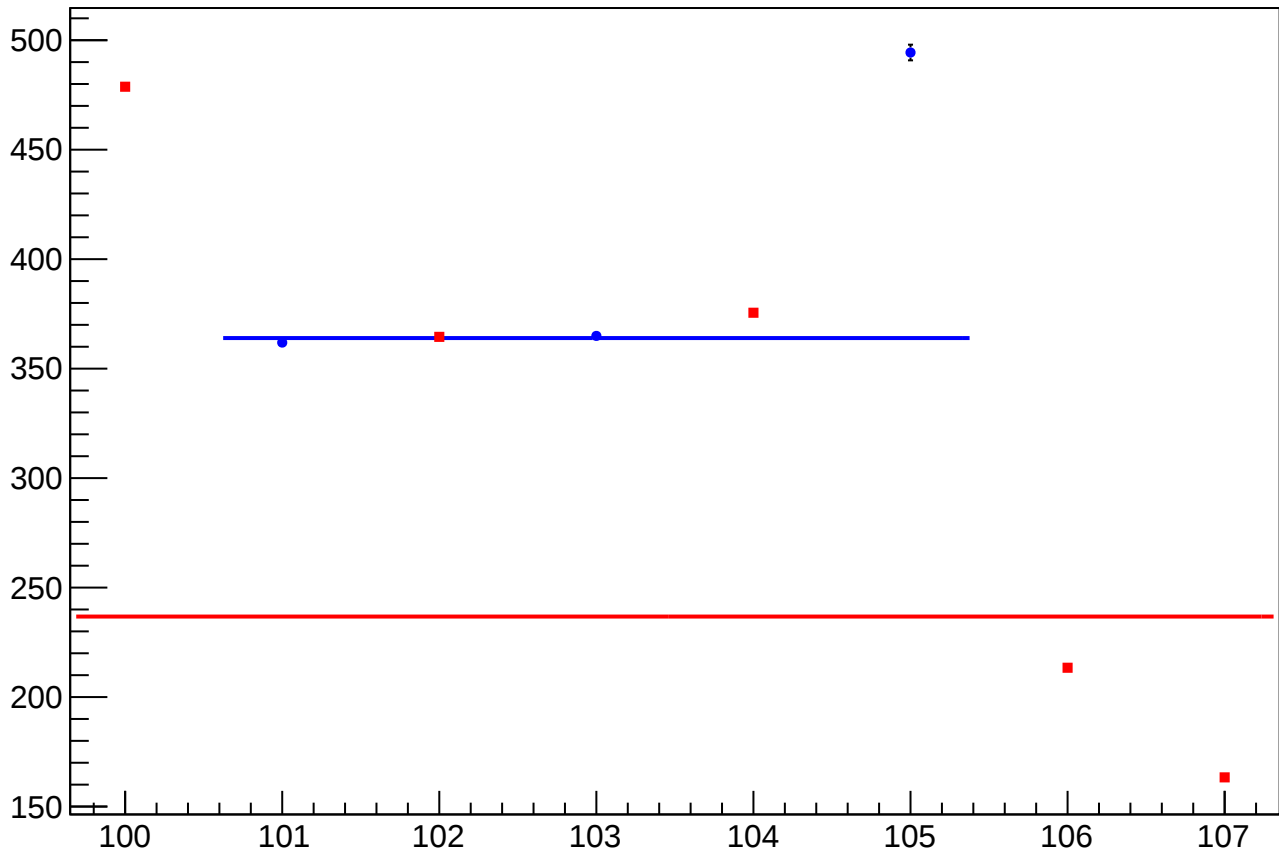
Right Out: 140764.432 $\pm$ 0.197 χ^2 /NDF: 121539788.8/4

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

137905.999 $\pm$ 0.338 χ^2 /NDF: 303143.7/2

140764.432 $\pm$ 0.197 χ^2 /NDF: 121539788.8/4

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

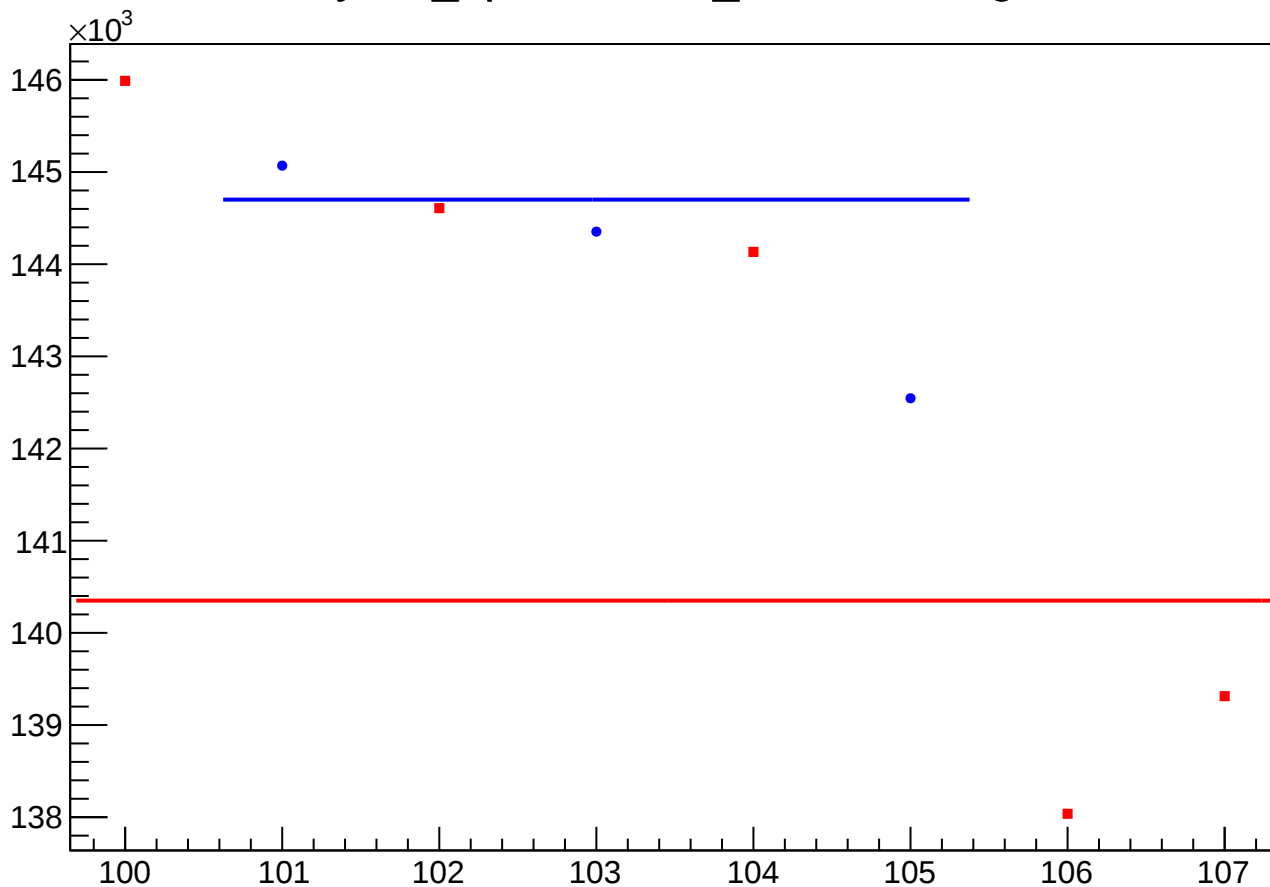
363.966 $\pm$ 0.239 χ^2 /NDF: 1372.2/2

Right Out: 236.771 $\pm$ 0.139 χ^2 /NDF: 451637.6/4

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

236.771 $\pm$ 0.139 χ^2 /NDF: 451637.6/4

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

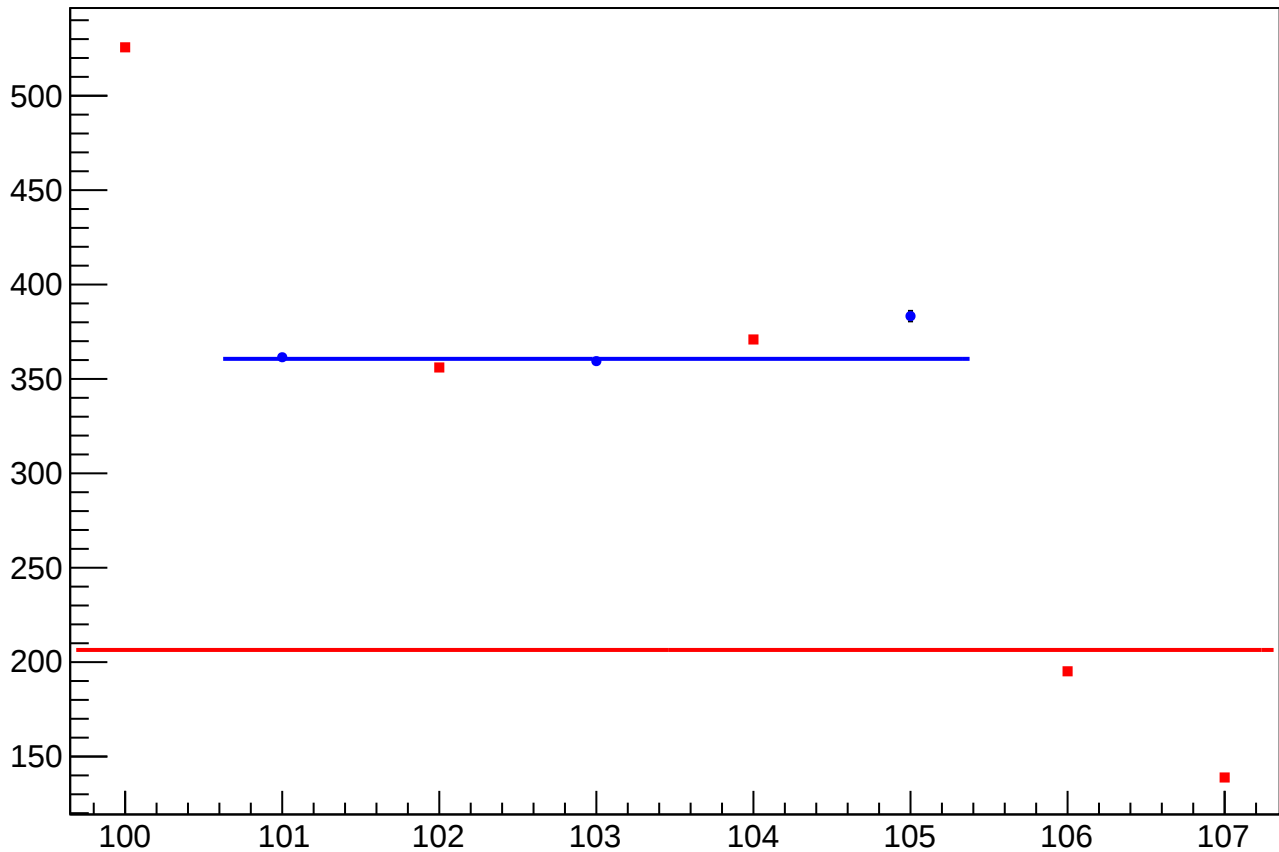
144700.709 $\pm$ 0.335 χ^2 /NDF: 1441372.6/2

Right Out: 140349.853 $\pm$ 0.175 χ^2 /NDF: 189848600.3/4

140349.853 $\pm$ 0.175 χ^2 /NDF: 189848600.3/4

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

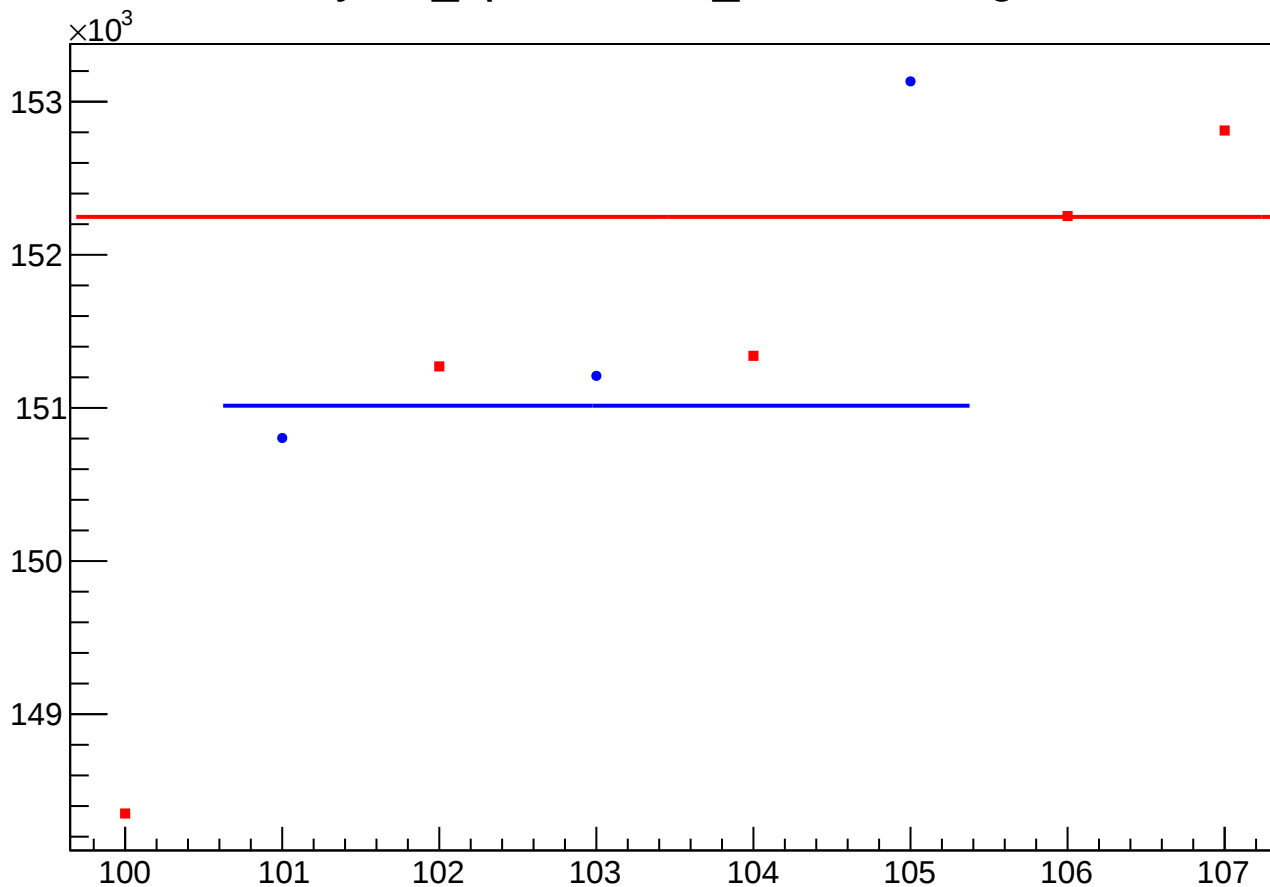
360.640 $\pm$ 0.237 χ^2 /NDF: 85.7/2

Right Out: 206.456 $\pm$ 0.124 χ^2 /NDF: 606930.9/4

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

206.456 $\pm$ 0.124 χ^2 /NDF: 606930.9/4

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

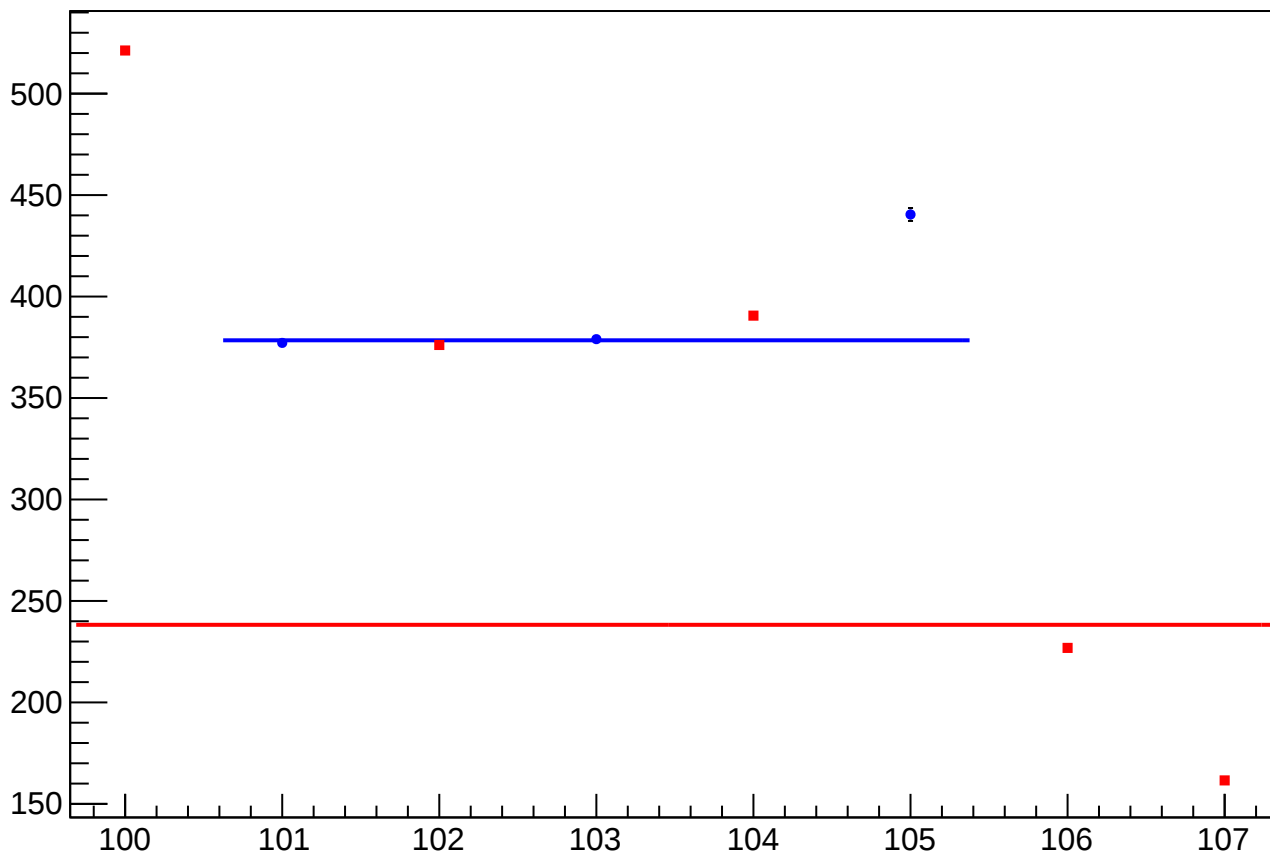
151014.520 $\pm$ 0.351 χ^2 /NDF: 553774.7/2

Right Out: 152247.767 $\pm$ 0.198 χ^2 /NDF: 14576206.2/4

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

152247.767 $\pm$ 0.198 χ^2 /NDF: 14576206.2/4

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

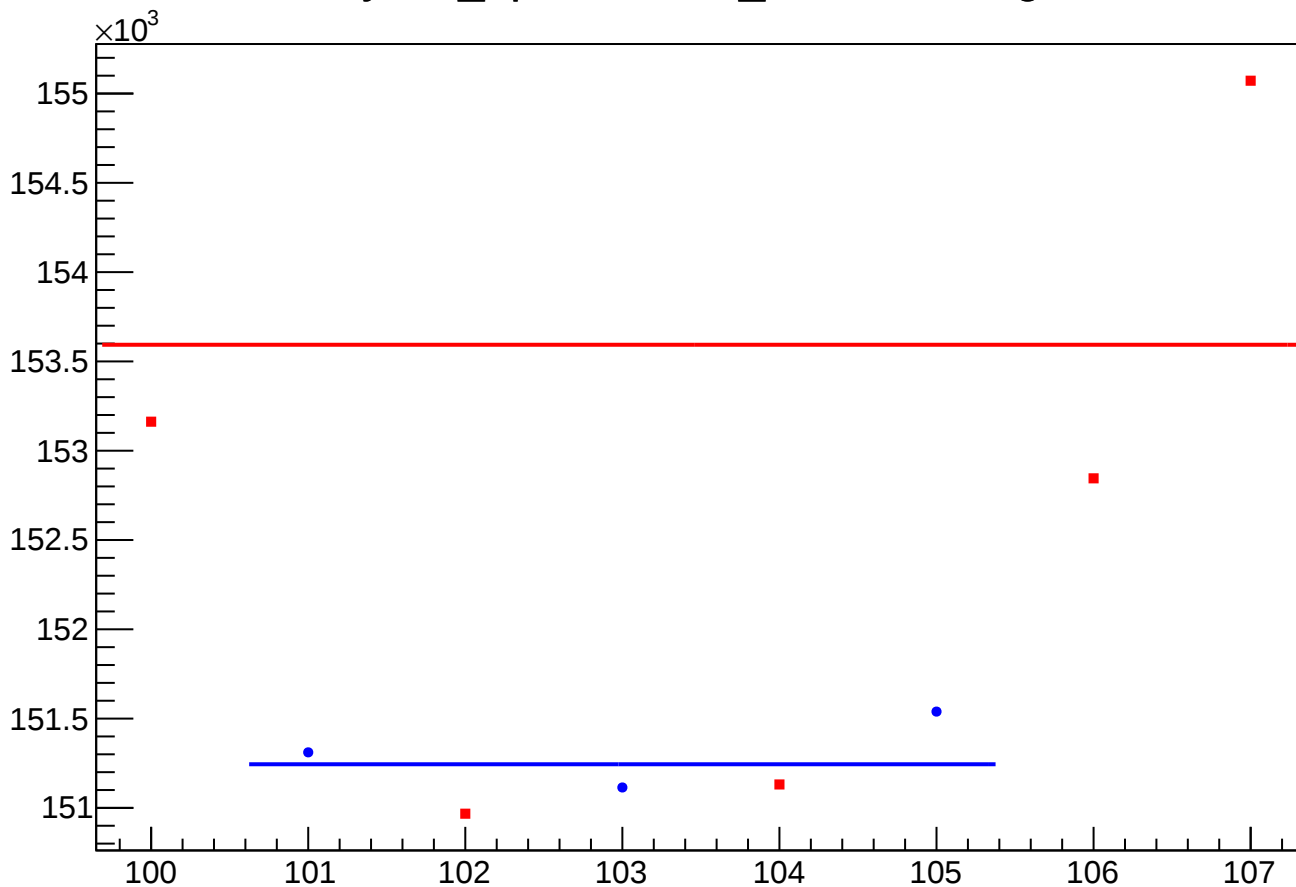
Right Out: 238.242 $\pm$ 0.140 χ^2 /NDF: 498765.1/4

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

378.442 $\pm$ 0.248 χ^2 /NDF: 393.5/2

238.242 $\pm$ 0.140 χ^2 /NDF: 498765.1/4

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

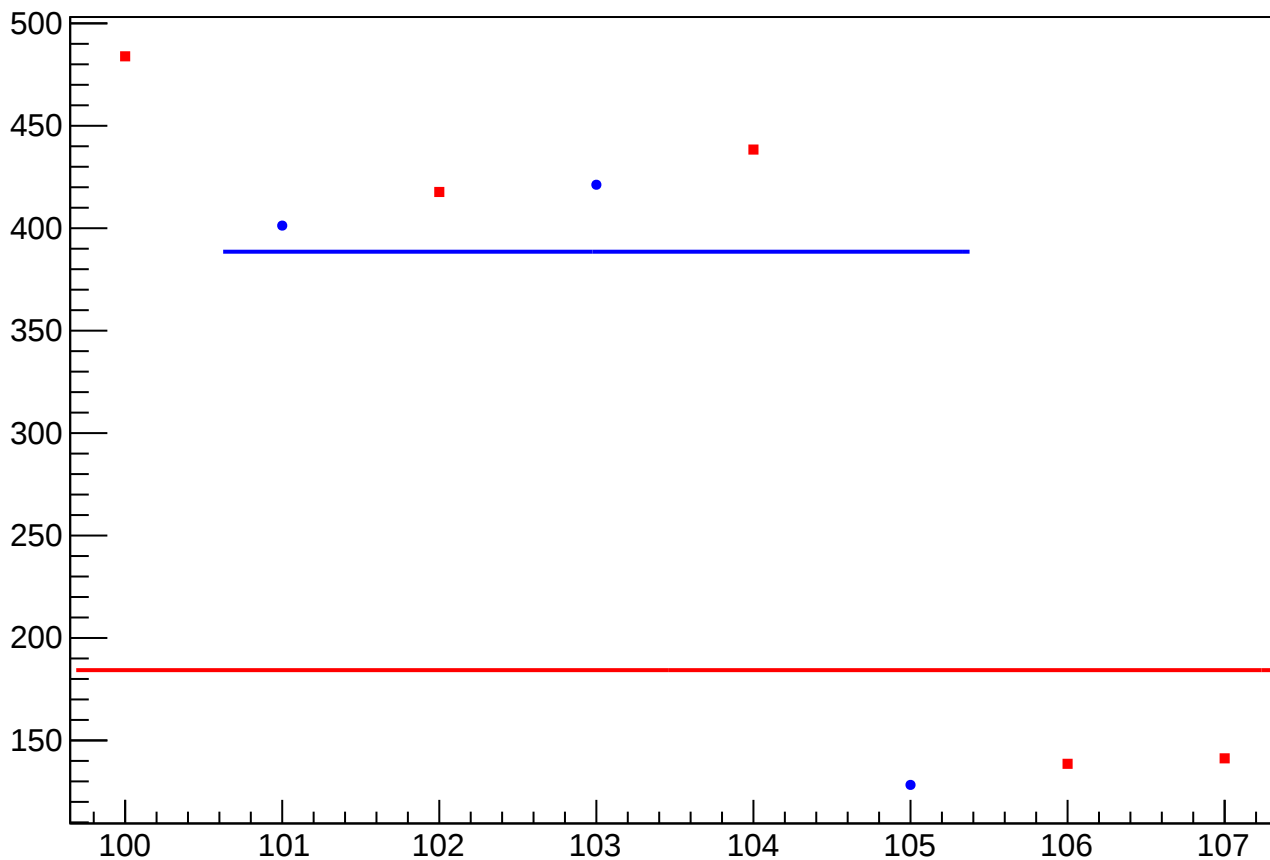
Right Out: 153593.293 $\pm$ 0.160 χ^2 /NDF: 84527690.6/4

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

151244.308 $\pm$ 0.367 χ^2 /NDF: 120369.7/2

153593.293 $\pm$ 0.160 χ^2 /NDF: 84527690.6/4

yield_bpm1i02WS_rms vs slug



Right In: 388.539+/-0.260 χ^2/NDF : 86378.7/2

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

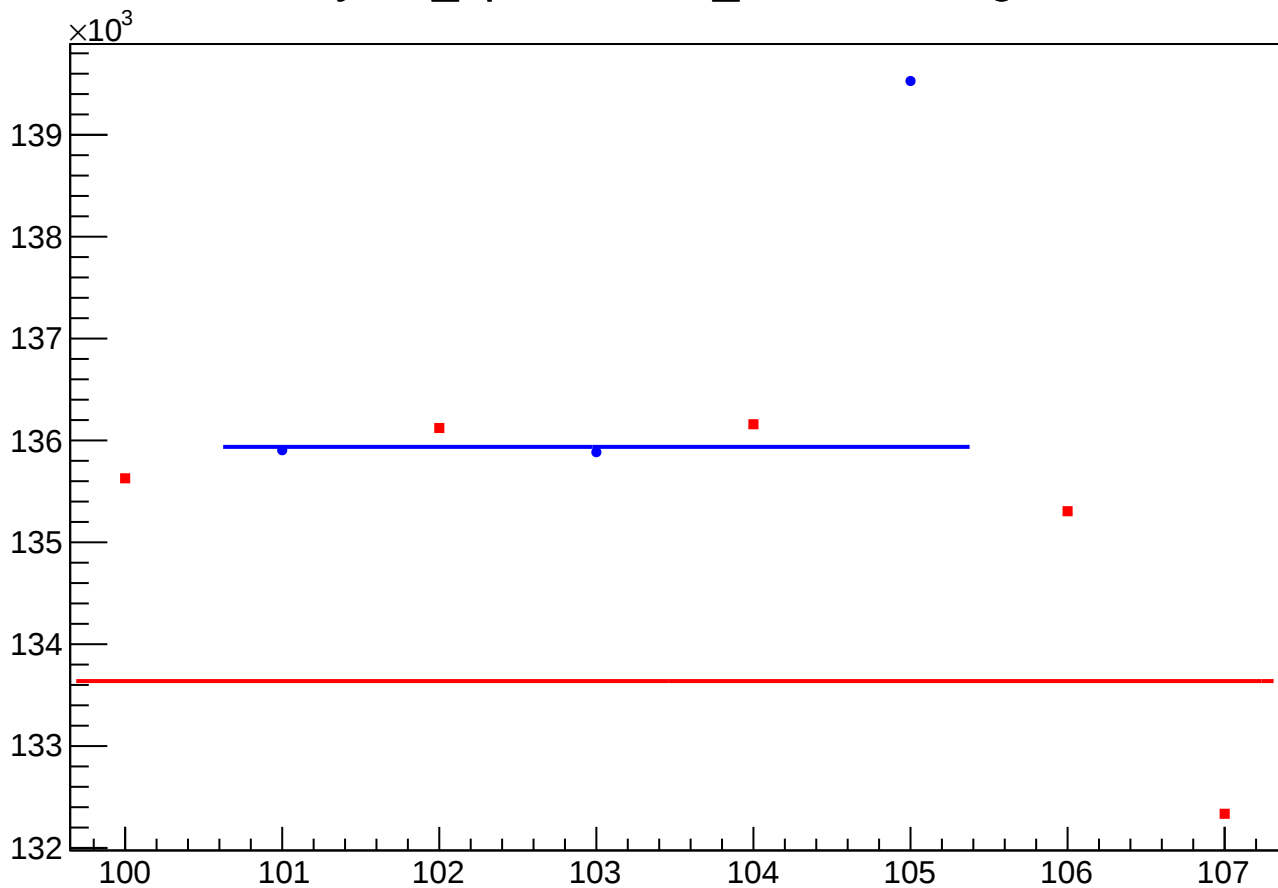
388.539+/-0.260 χ^2/NDF : 86378.7/2

Right Out: 184.304+/-0.113 χ^2/NDF : 855137.3/4

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

184.304+/-0.113 χ^2/NDF : 855137.3/4

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

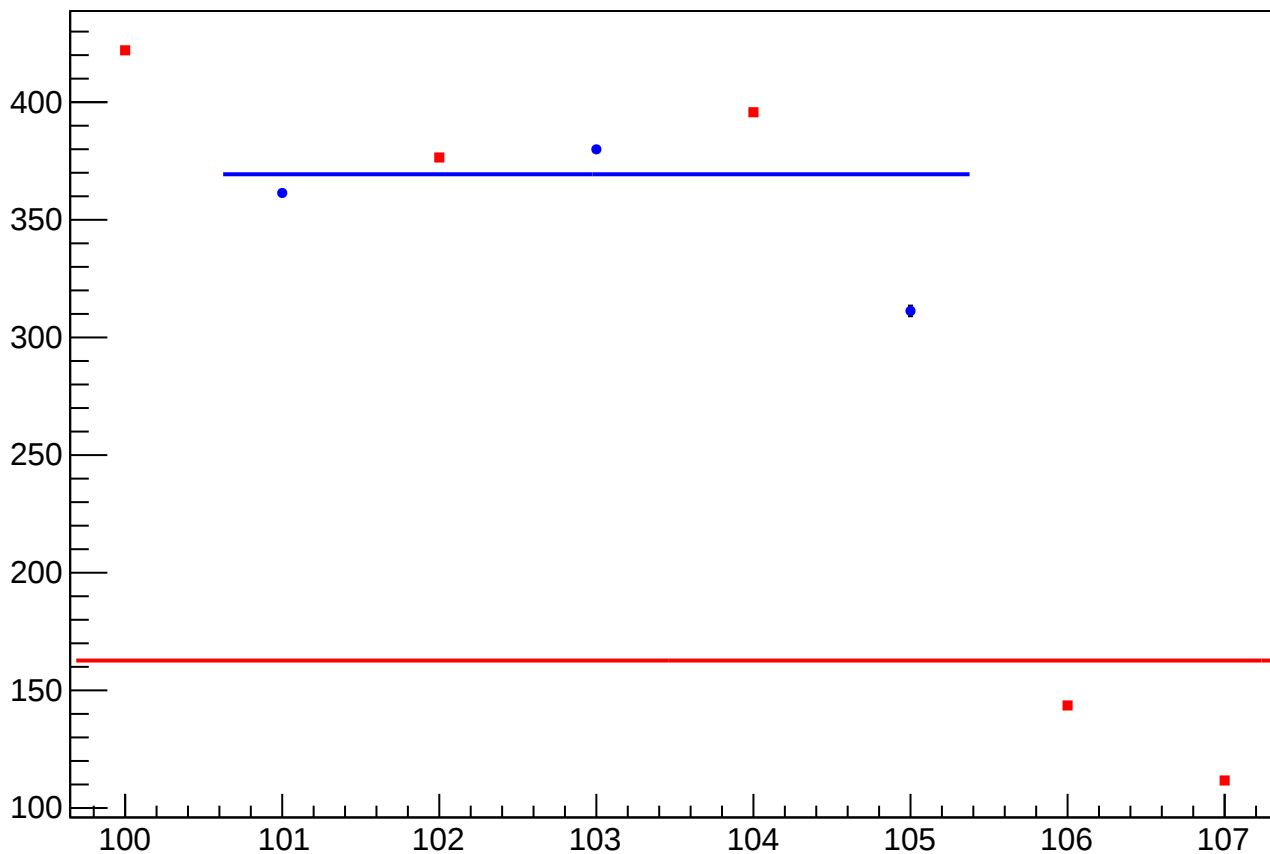
135936.995 $\pm$ 0.343 χ^2 /NDF: 1283514.7/2

Right Out: 133638.117 $\pm$ 0.146 χ^2 /NDF: 124412023.8/4

133638.117 $\pm$ 0.146 χ^2 /NDF: 124412023.8/4

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

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

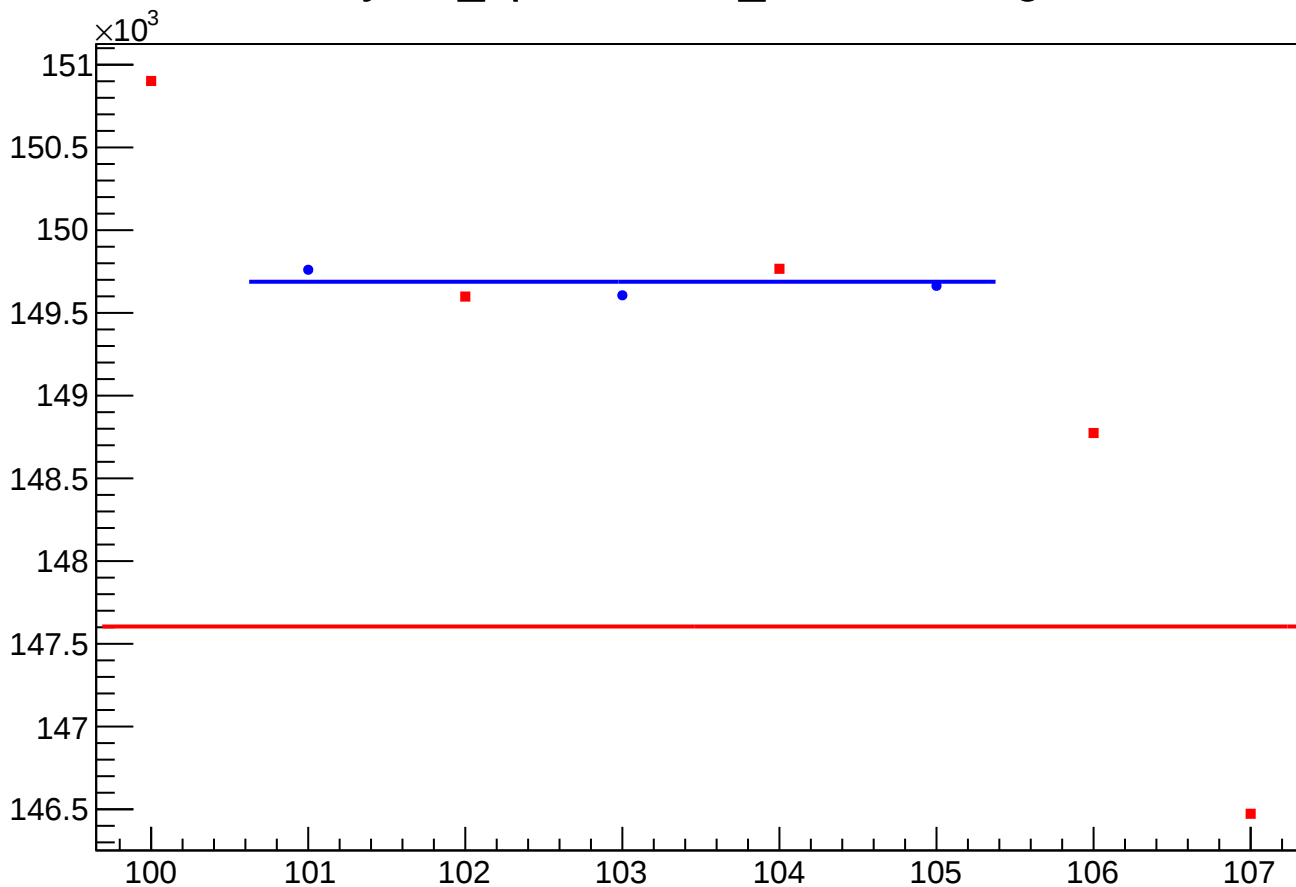
369.363+/-0.242 χ^2/NDF : 2111.3/2

Right Out: 162.681+/-0.103 χ^2/NDF : 901572.7/4

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

162.681+/-0.103 χ^2/NDF : 901572.7/4

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

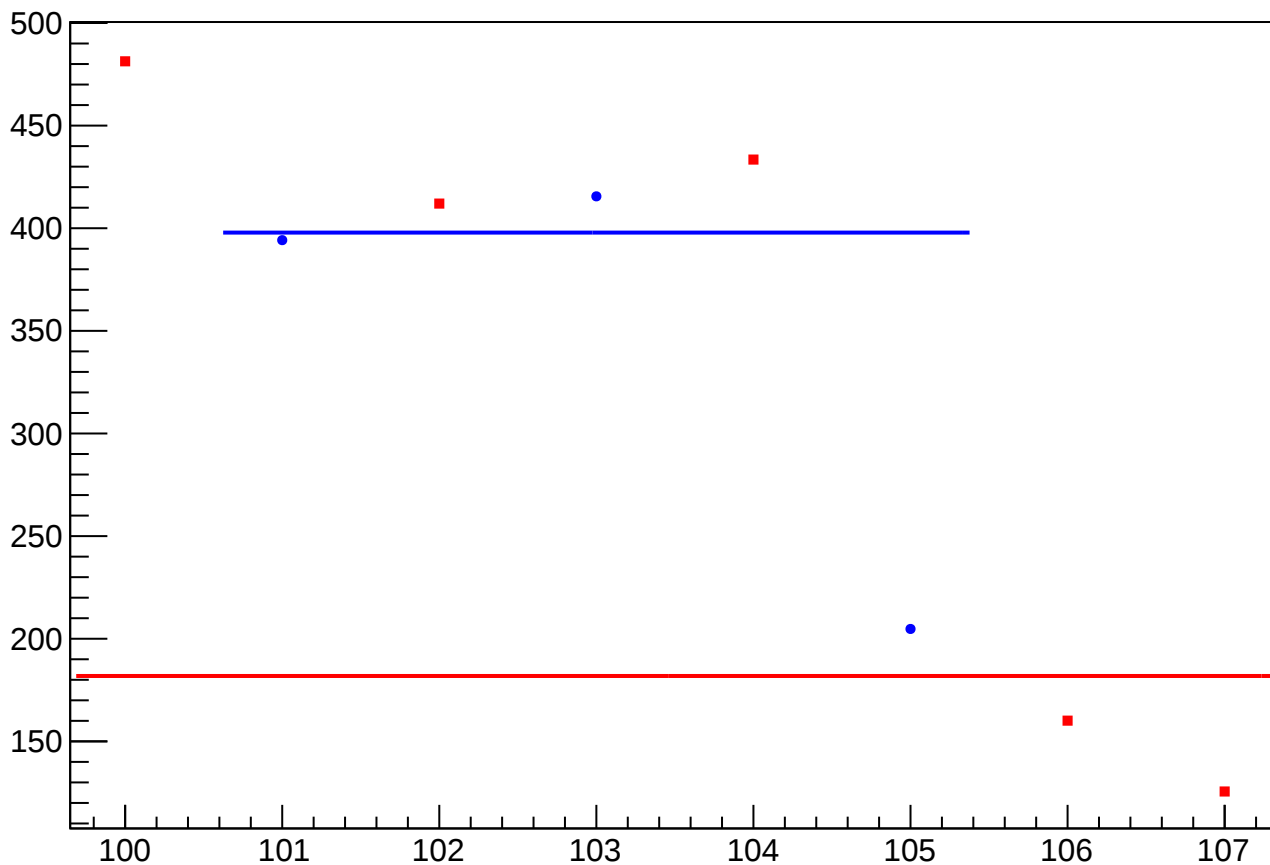
Right Out: 147604.773 $\pm$ 0.160 χ^2 /NDF: 71361315.3/4

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

149688.369 $\pm$ 0.371 χ^2 /NDF: 41912.8/2

147604.773 $\pm$ 0.160 χ^2 /NDF: 71361315.3/4

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

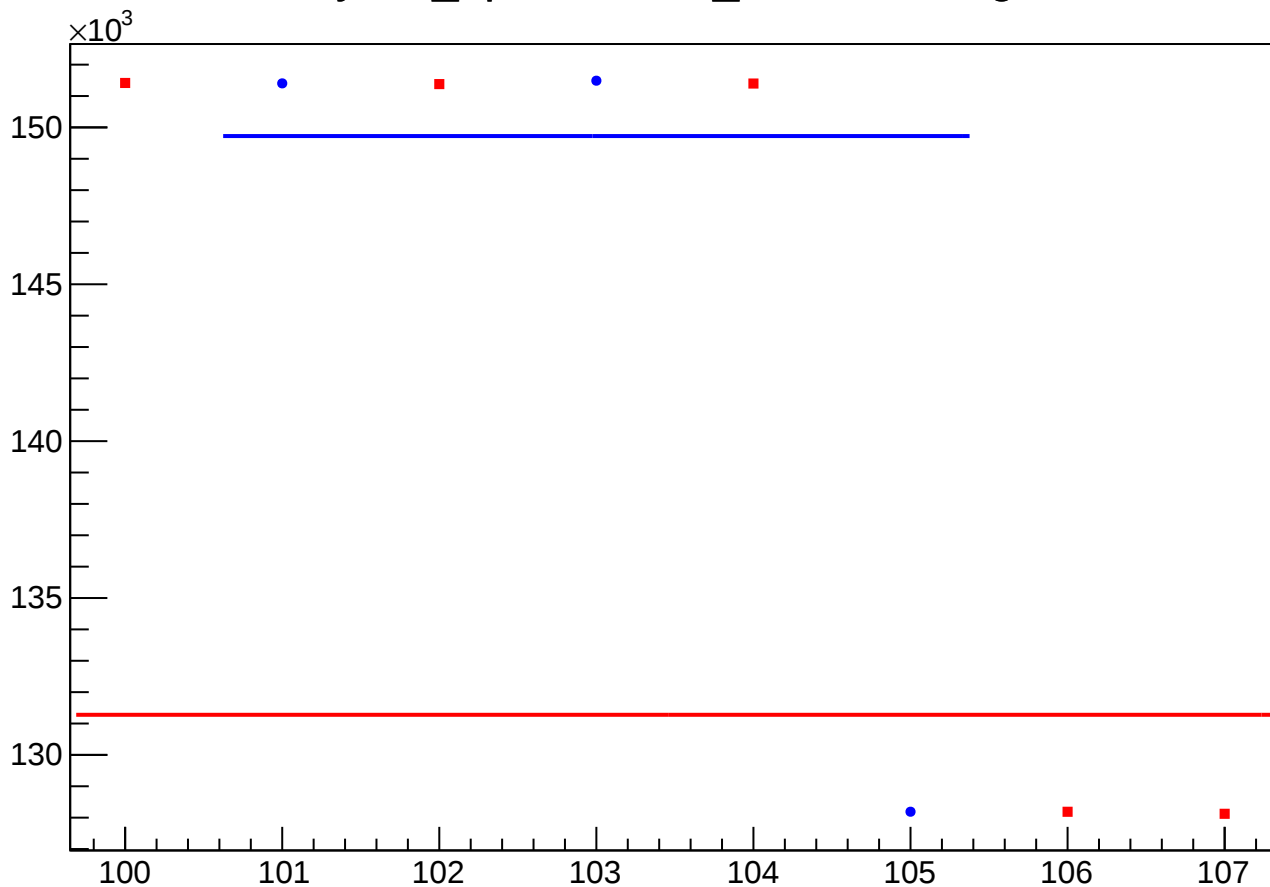
397.877 $\pm$ 0.262 χ^2 /NDF: 19084.3/2

Right Out: 181.859 $\pm$ 0.113 χ^2 /NDF: 878023.1/4

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

181.859 $\pm$ 0.113 χ^2 /NDF: 878023.1/4

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

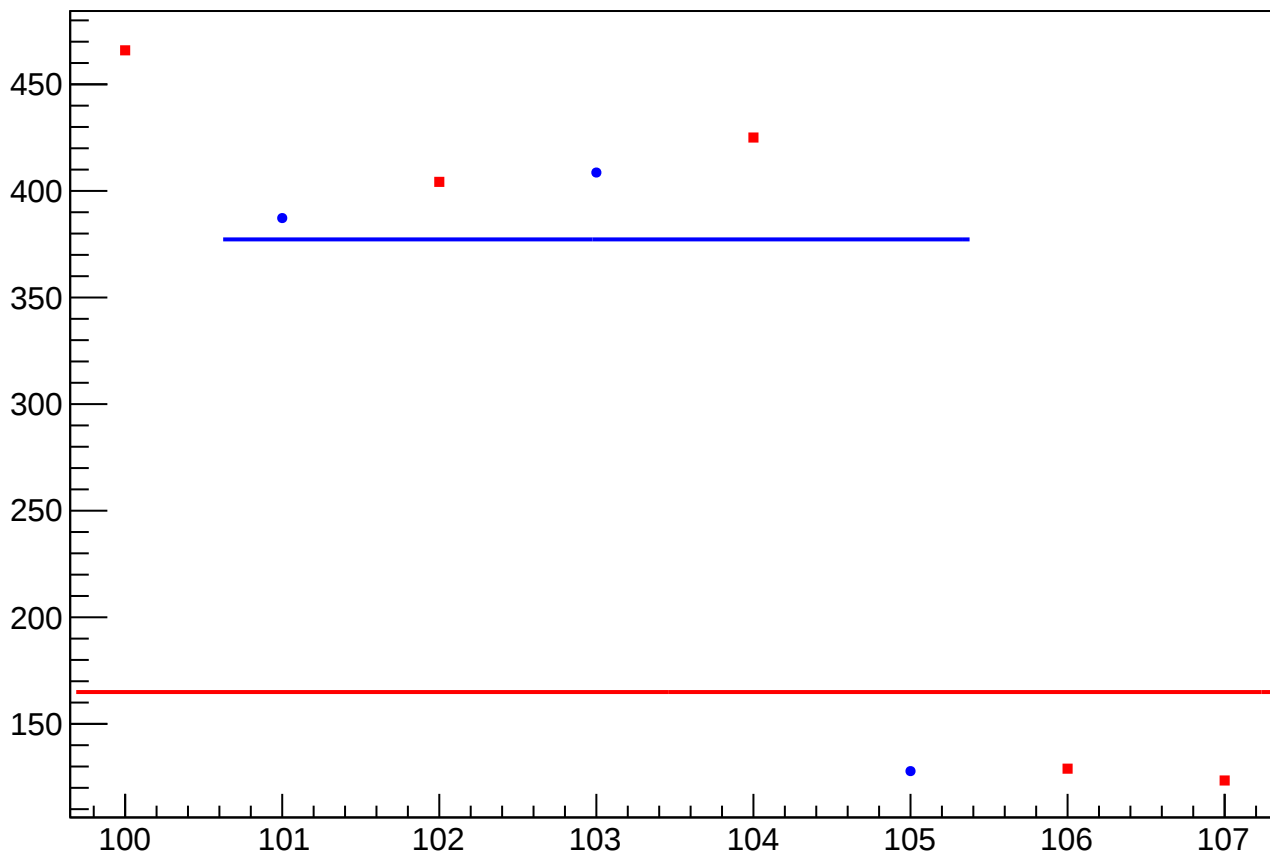
149724.134 $\pm$ 0.356 χ^2 /NDF: 291839883.3/2

Right Out: 131278.176 $\pm$ 0.145 χ^2 /NDF: 2983890465.6/4

131278.176 $\pm$ 0.145 χ^2 /NDF: 2983890465.6/4

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

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

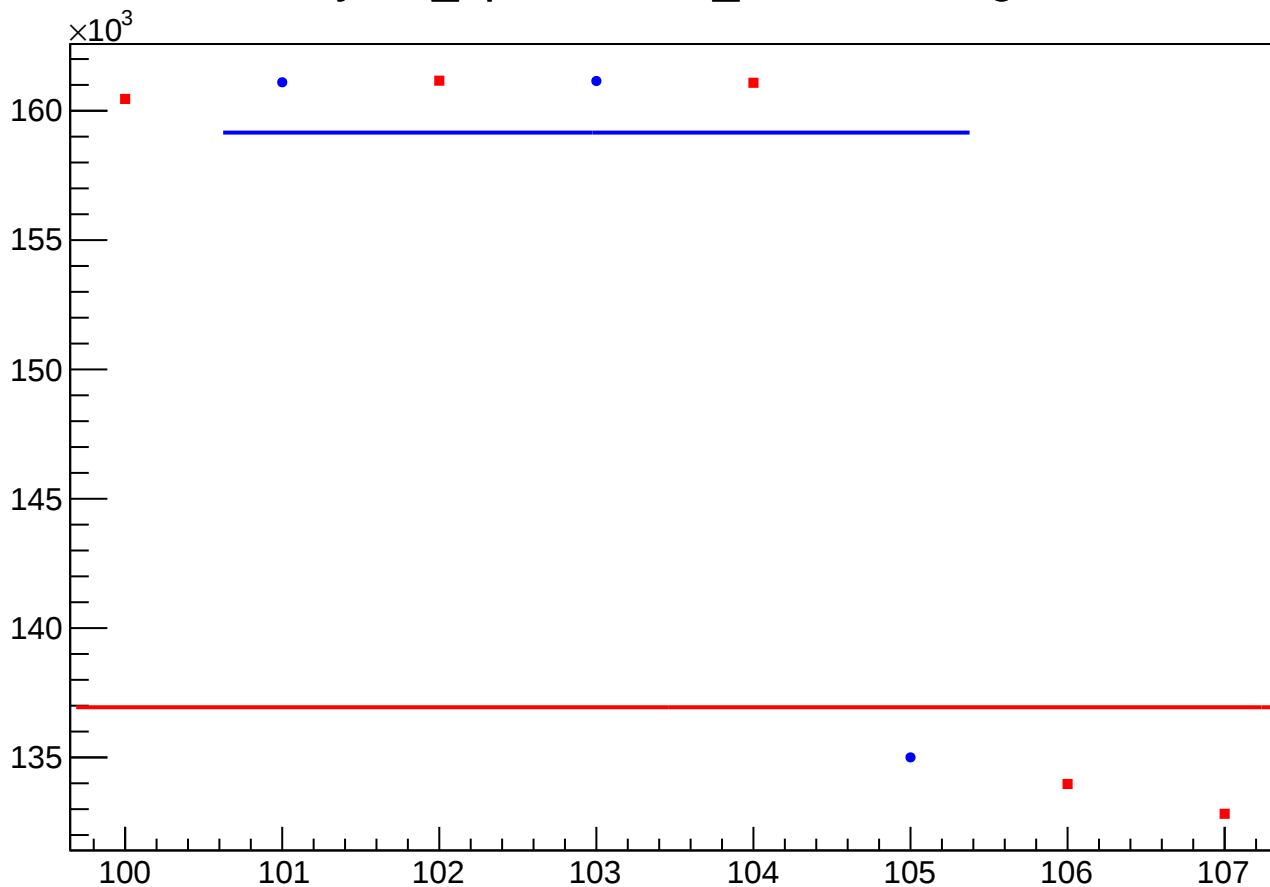
377.260 $\pm$ 0.252 χ^2 /NDF: 79943.6/2

Right Out: 164.935 $\pm$ 0.103 χ^2 /NDF: 935311.0/4

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

164.935 $\pm$ 0.103 χ^2 /NDF: 935311.0/4

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

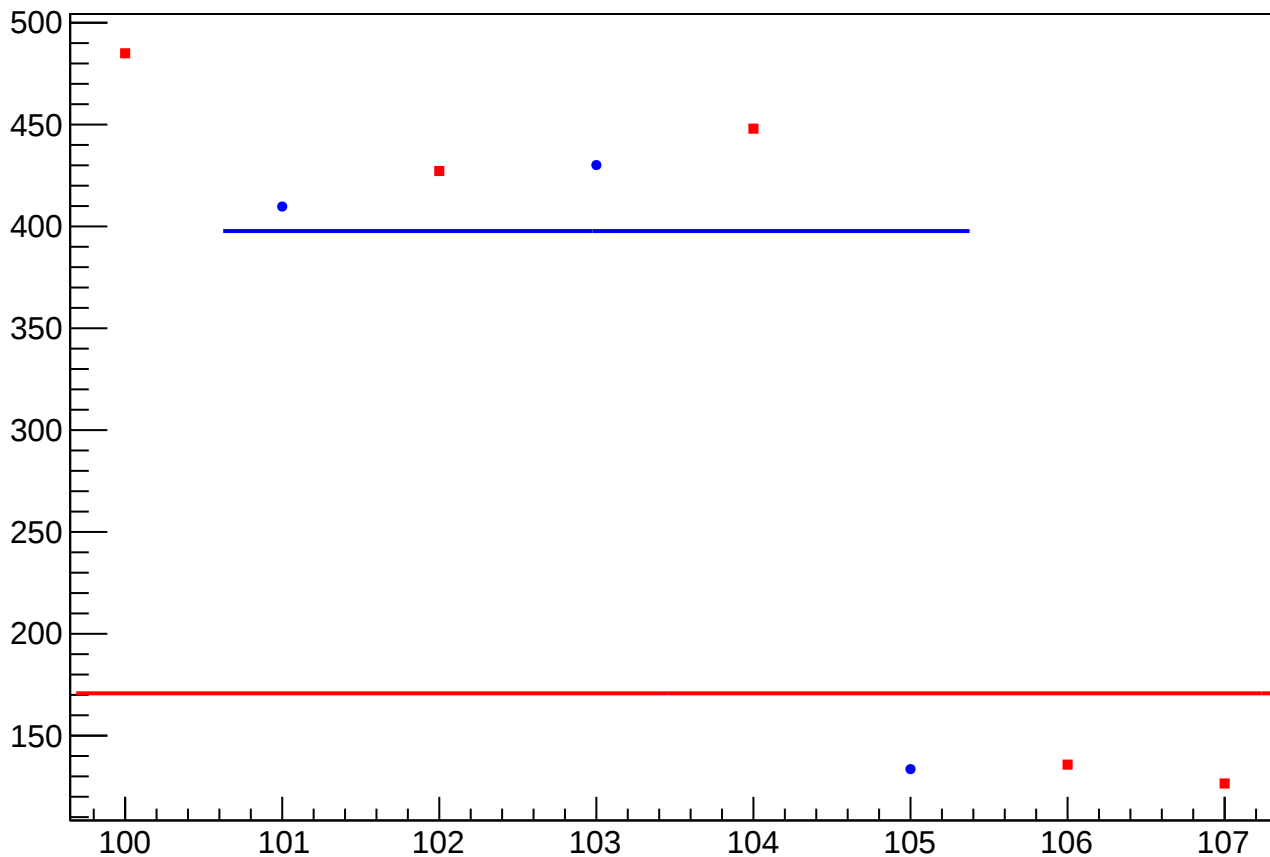
Right Out: 136939.864 $\pm$ 0.151 χ^2 /NDF: 3862877600.2/4

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

159156.828 $\pm$ 0.376 χ^2 /NDF: 336930609.5/2

136939.864 $\pm$ 0.151 χ^2 /NDF: 3862877600.2/4

yield_bpm2i02WS_rms vs slug



Right In: 397.730+/-0.266 χ^2/NDF : 81949.6/2

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

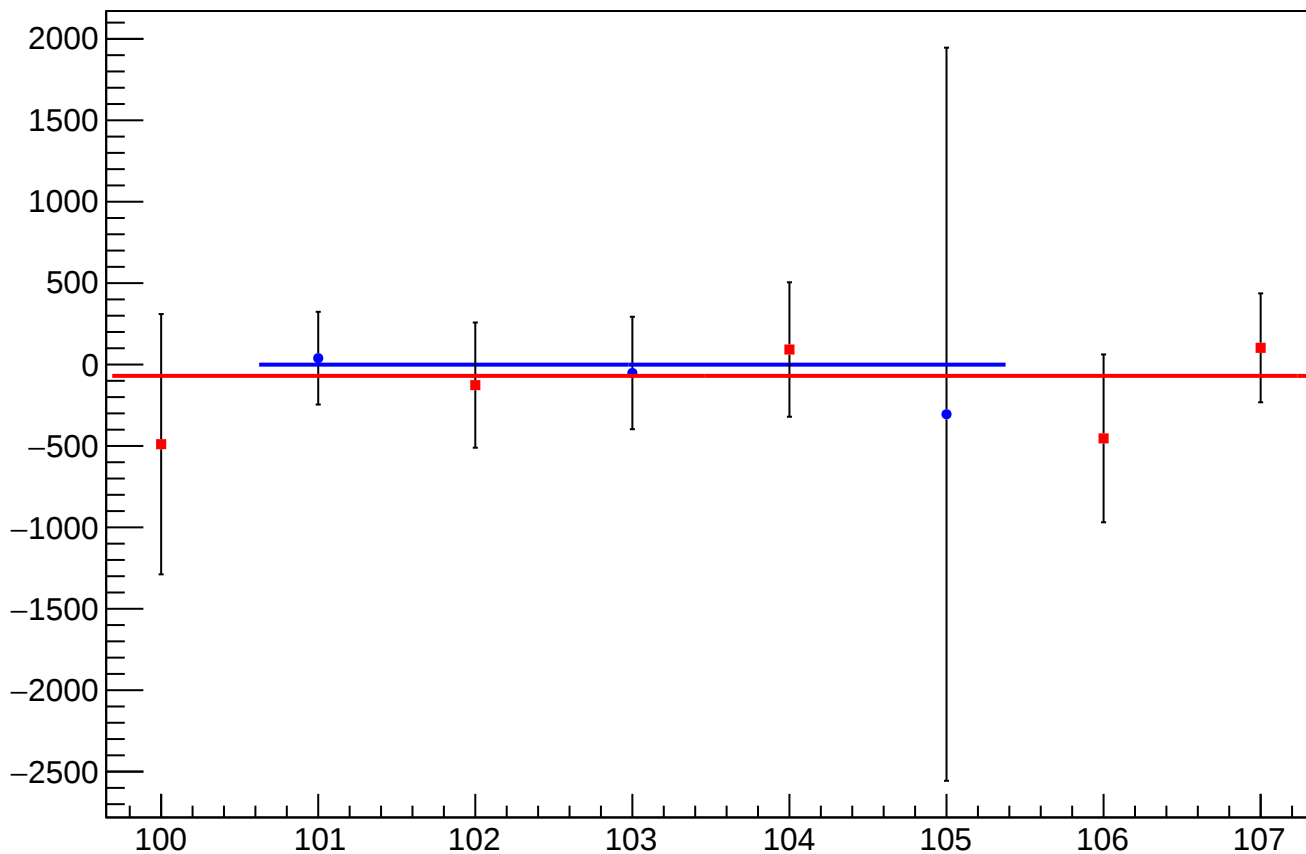
Right Out: 170.771+/-0.107 χ^2/NDF : 954459.5/4

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

397.730+/-0.266 χ^2/NDF : 81949.6/2

170.771+/-0.107 χ^2/NDF : 954459.5/4

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

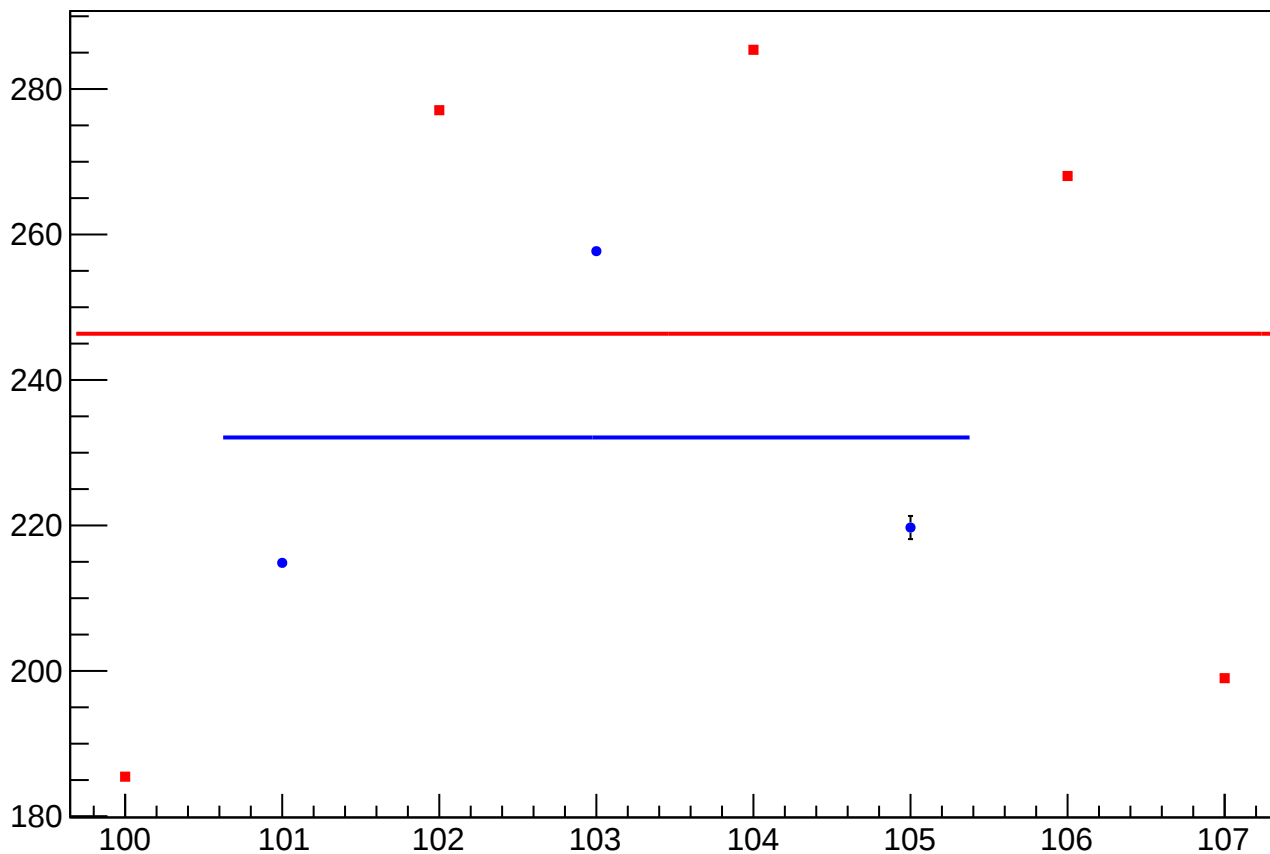
Right Out: -69.488+/-192.807 χ^2/NDF : 1.3/4

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

-0.620+/-218.646 χ^2/NDF : 0.1/2

-69.488+/-192.807 χ^2/NDF : 1.3/4

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

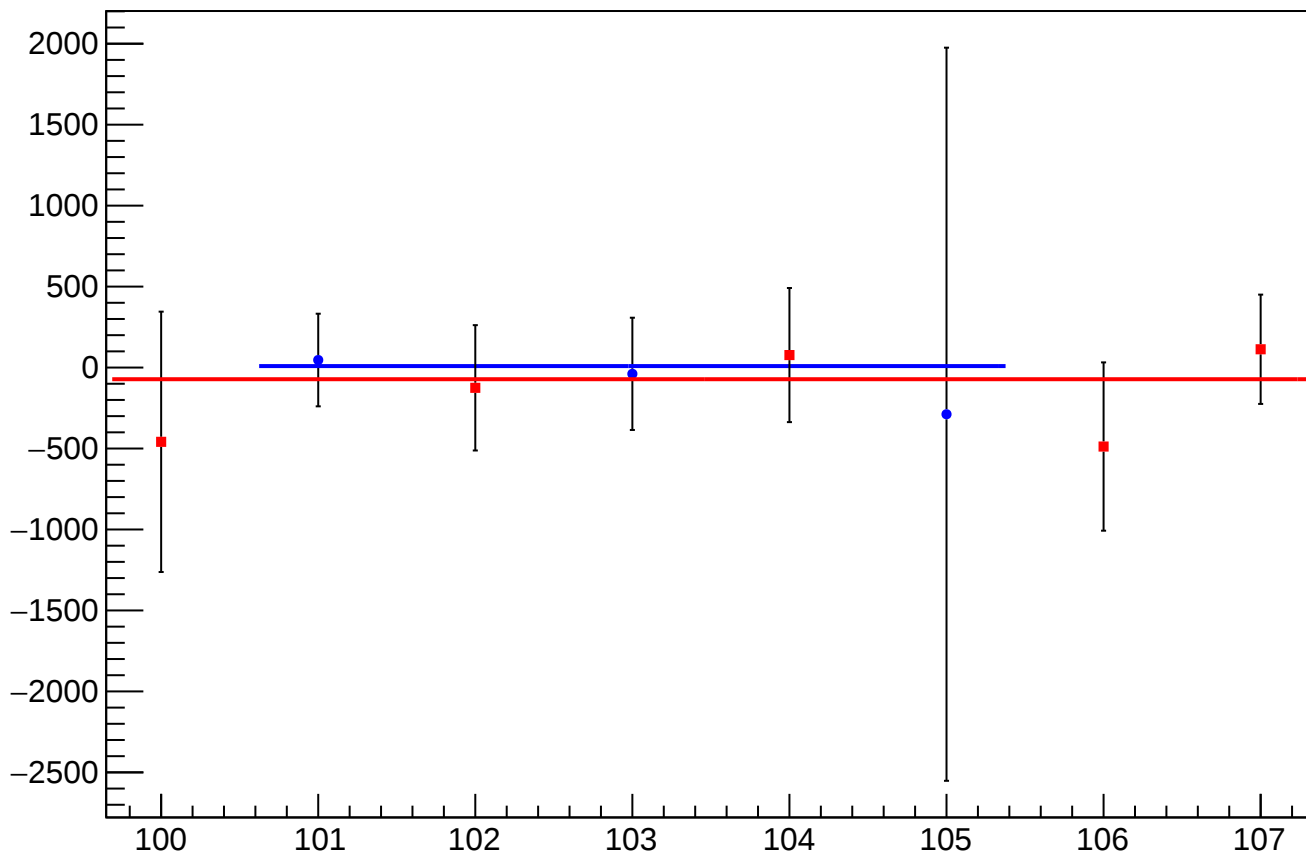
Right Out: 246.357 $\pm$ 0.136 χ^2 /NDF: 85886.9/4

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

232.096 $\pm$ 0.155 χ^2 /NDF: 18397.9/2

246.357 $\pm$ 0.136 χ^2 /NDF: 85886.9/4

asym_bcm_an_ds3_mean vs slug



Right In: 9.124 $\pm$ 219.565 χ^2 /NDF: 0.1/2

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

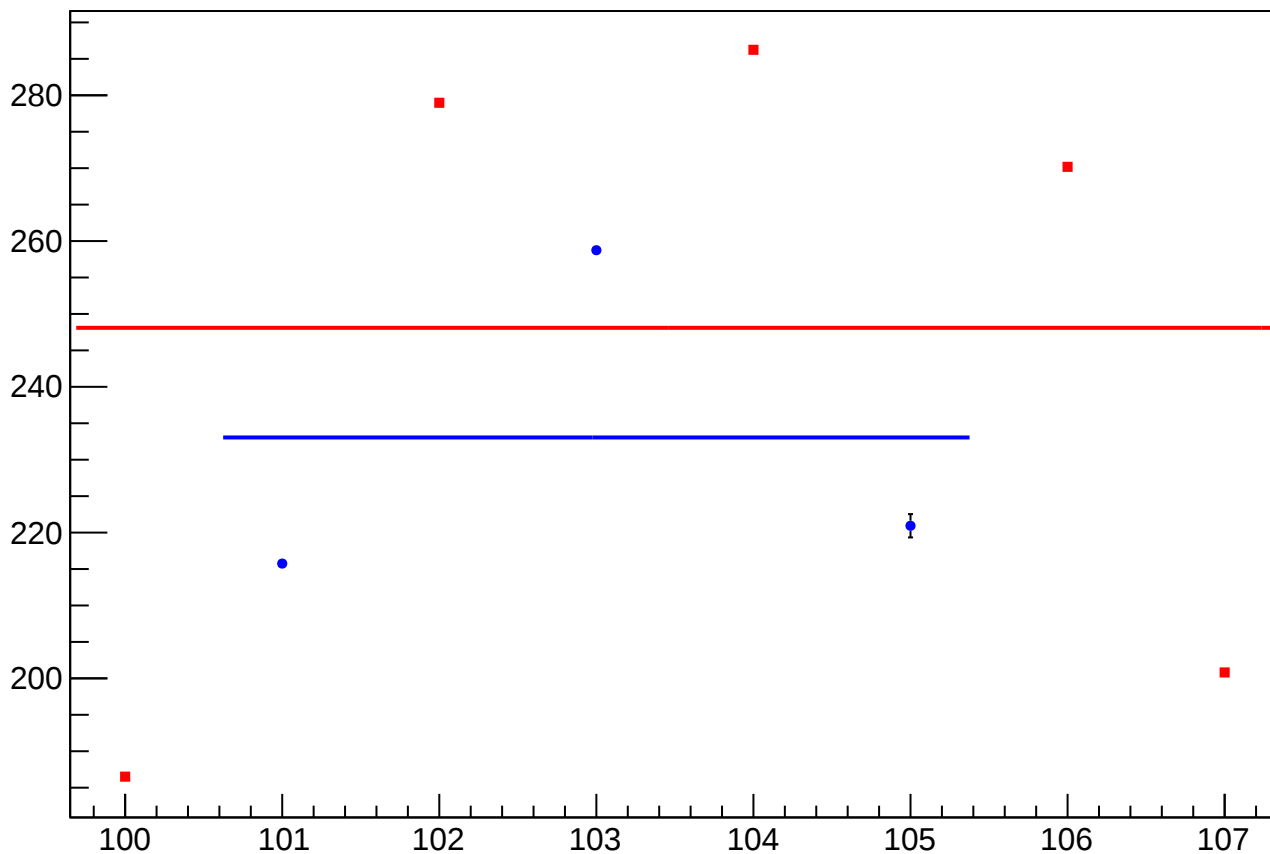
Right Out: -71.979 $\pm$ 194.132 χ^2 /NDF: 1.3/4

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

9.124 $\pm$ 219.565 χ^2 /NDF: 0.1/2

-71.979 $\pm$ 194.132 χ^2 /NDF: 1.3/4

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

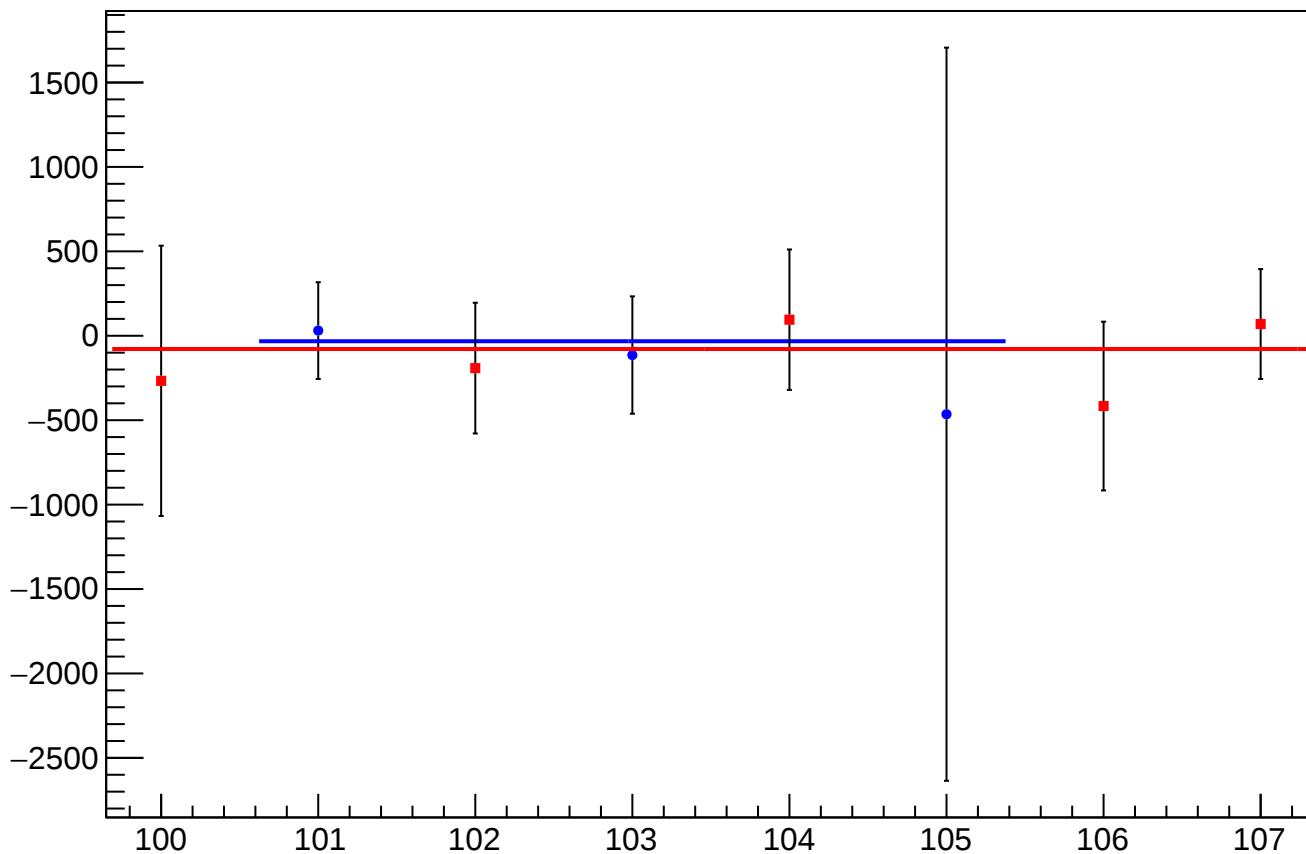
Right Out: 248.096 $\pm$ 0.137 χ^2 /NDF: 84298.1/4

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

233.052 $\pm$ 0.155 χ^2 /NDF: 18366.7/2

248.096 $\pm$ 0.137 χ^2 /NDF: 84298.1/4

asym_bcm_an_us_mean vs slug



Right In: -32.416 $\pm$ 219.928 χ^2 /NDF: 0.1/2

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

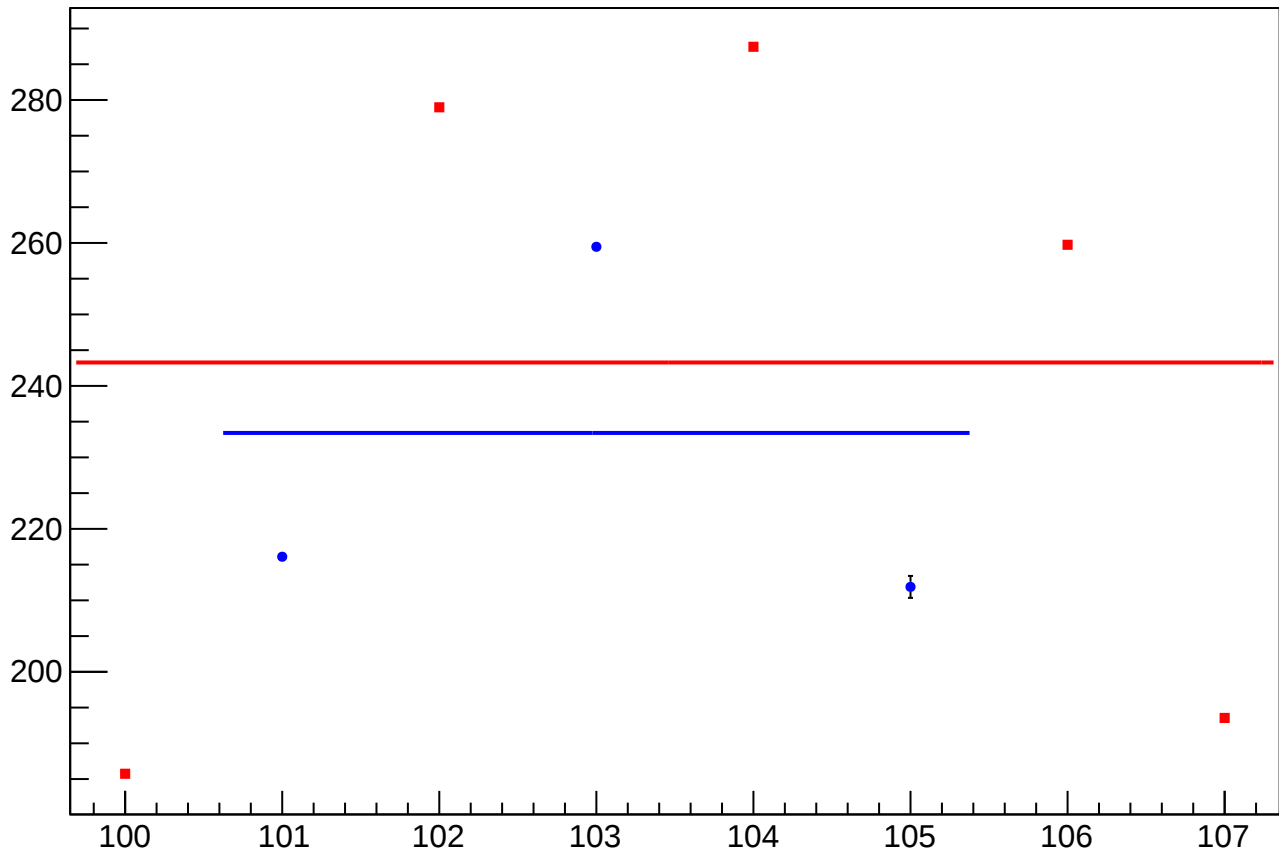
Right Out: -78.431 $\pm$ 190.790 χ^2 /NDF: 1.0/4

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

-32.416 $\pm$ 219.928 χ^2 /NDF: 0.1/2

-78.431 $\pm$ 190.790 χ^2 /NDF: 1.0/4

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

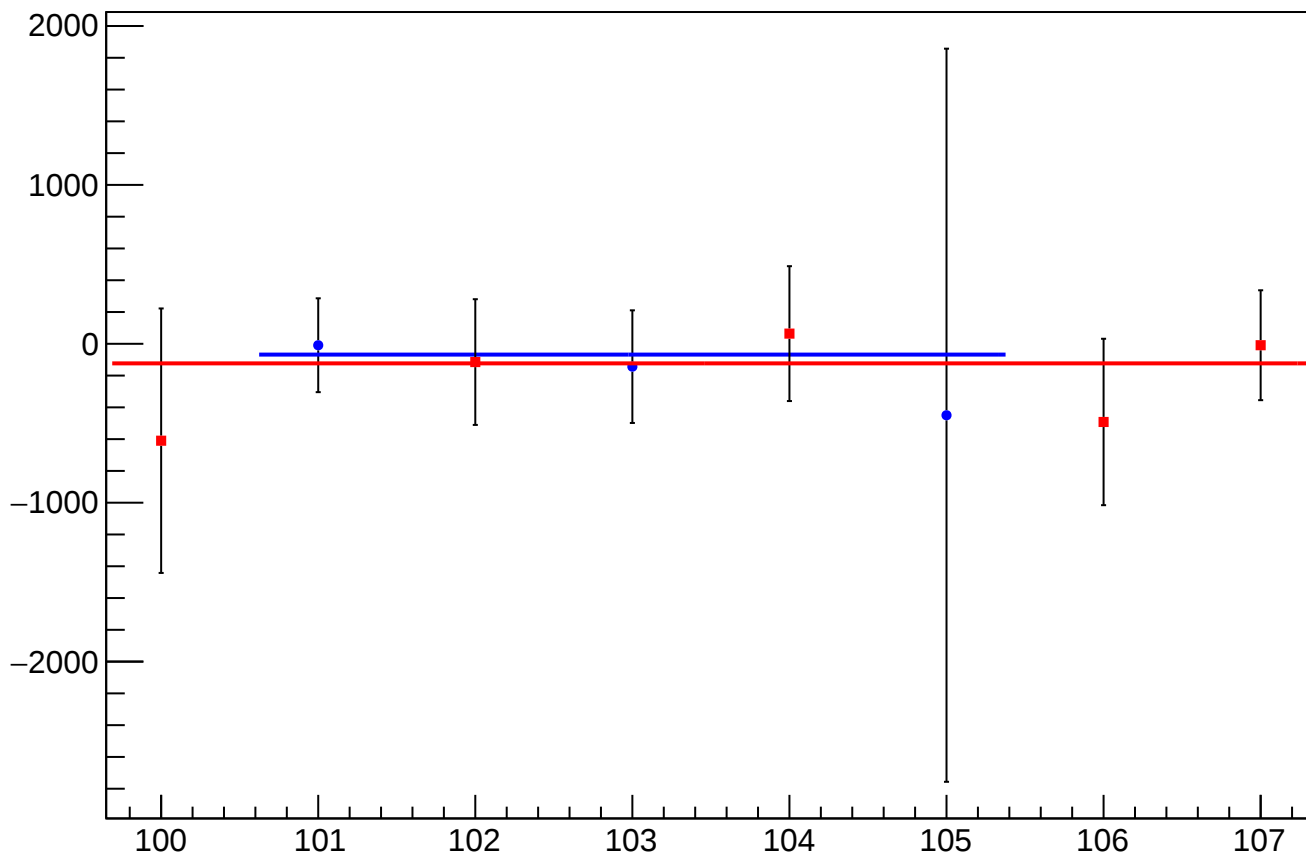
233.421+/-0.156 χ^2/NDF : 18732.9/2

Right Out: 243.278+/-0.135 χ^2/NDF : 98802.0/4

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

243.278+/-0.135 χ^2/NDF : 98802.0/4

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

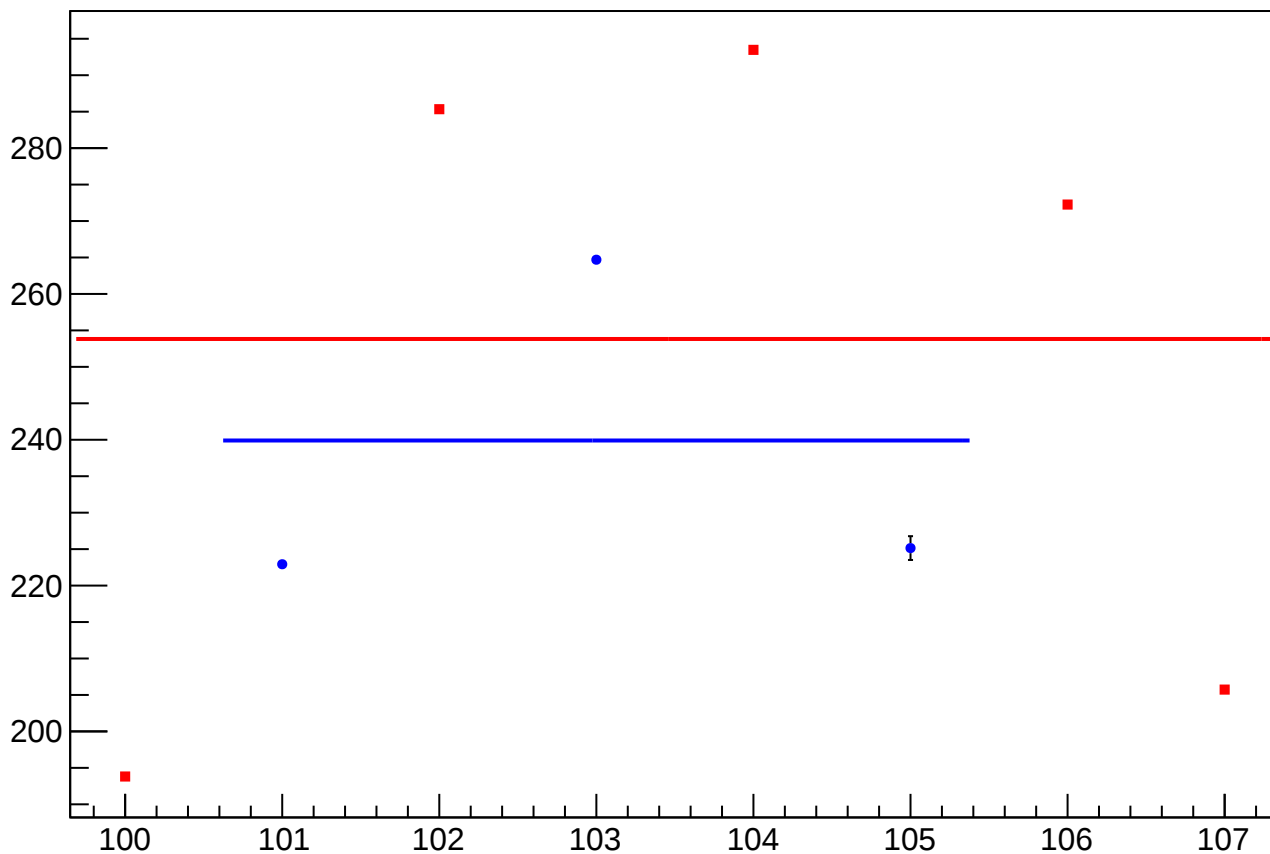
Right Out: -123.169+/-198.430 χ^2/NDF : 1.1/4

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

-67.932+/-225.790 χ^2/NDF : 0.1/2

-123.169+/-198.430 χ^2/NDF : 1.1/4

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

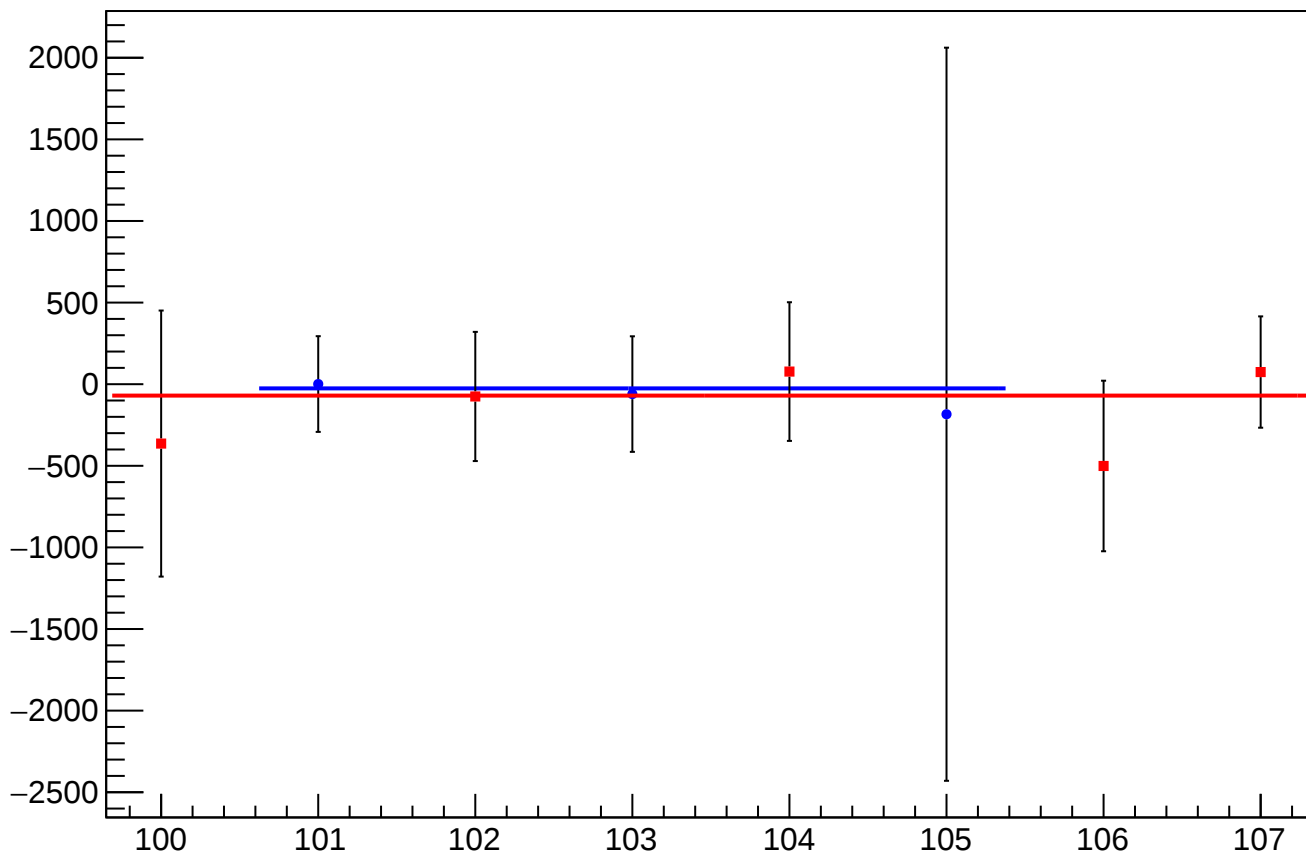
Right Out: 253.823 $\pm$ 0.140 χ^2 /NDF: 81714.3/4

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

239.900 $\pm$ 0.160 χ^2 /NDF: 16476.1/2

253.823 $\pm$ 0.140 χ^2 /NDF: 81714.3/4

asym_bcm_dg_ds_mean vs slug



Right In: -25.678+/-224.678 χ^2/NDF : 0.0/2

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

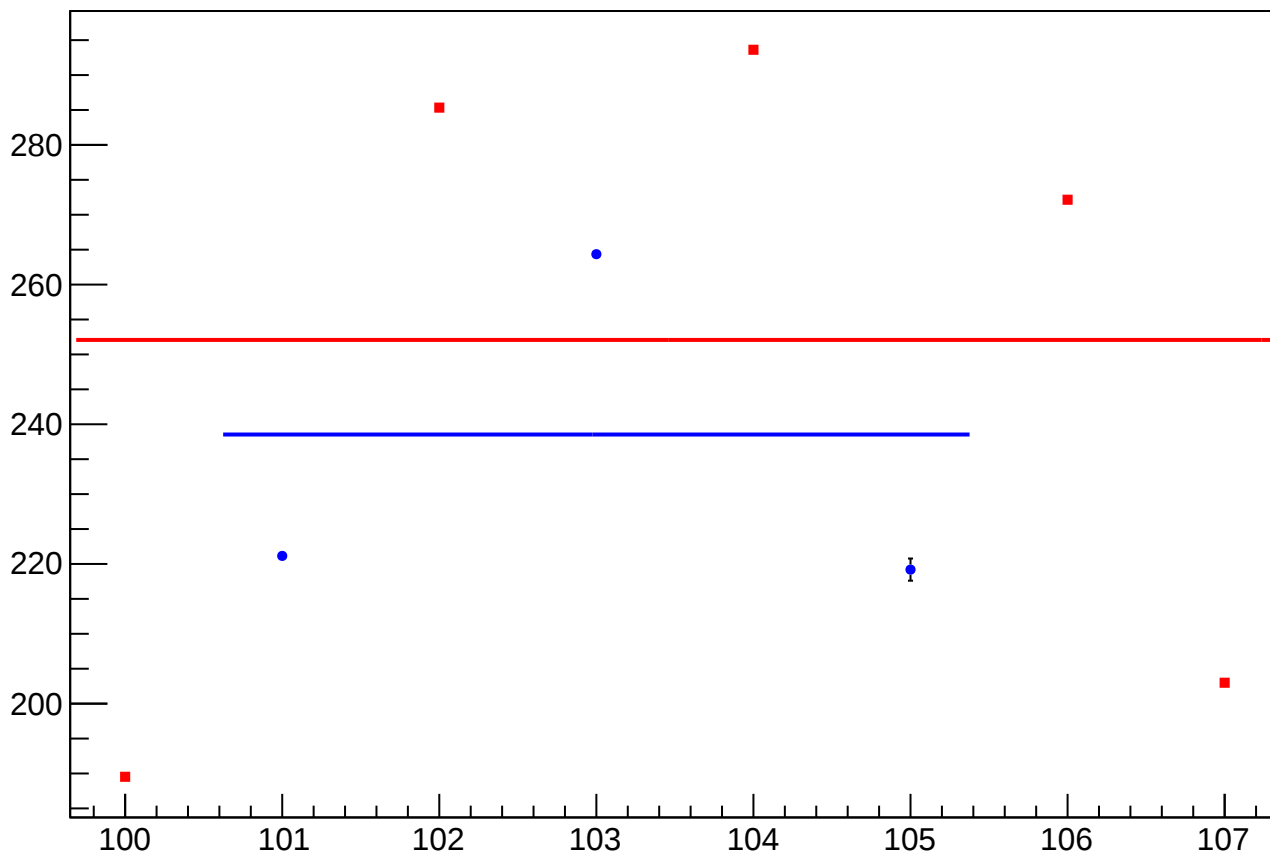
Right Out: -69.858+/-197.278 χ^2/NDF : 1.1/4

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

-25.678+/-224.678 χ^2/NDF : 0.0/2

-69.858+/-197.278 χ^2/NDF : 1.1/4

asym_bcm_dg_ds_rms vs slug



Right In: 238.533+/-0.159 χ^2/NDF : 17814.1/2

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

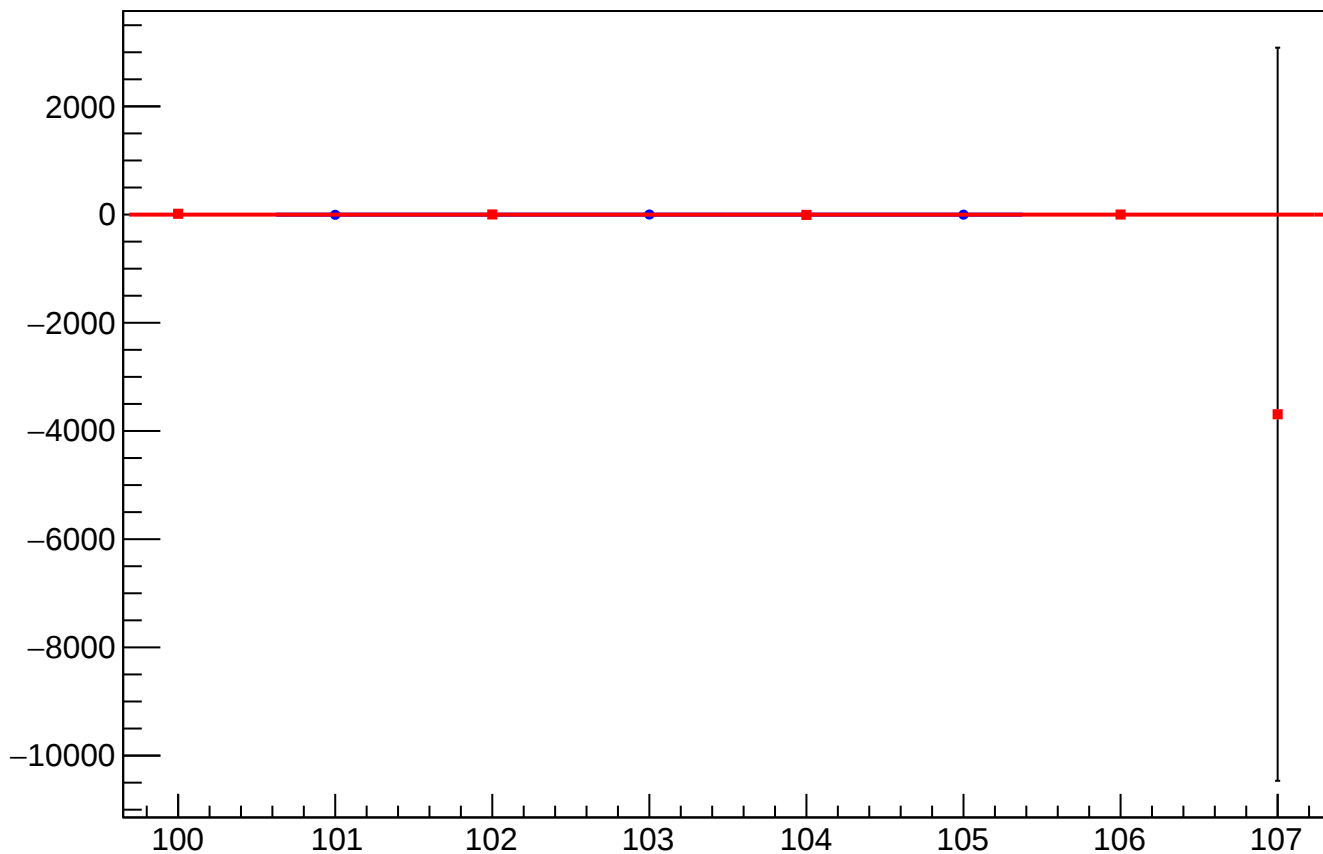
Right Out: 252.076+/-0.139 χ^2/NDF : 89421.4/4

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

238.533+/-0.159 χ^2/NDF : 17814.1/2

252.076+/-0.139 χ^2/NDF : 89421.4/4

asym_cav4bQ_mean vs slug



Right In: -1.527+/-2.238 χ^2/NDF : 1.3/2

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

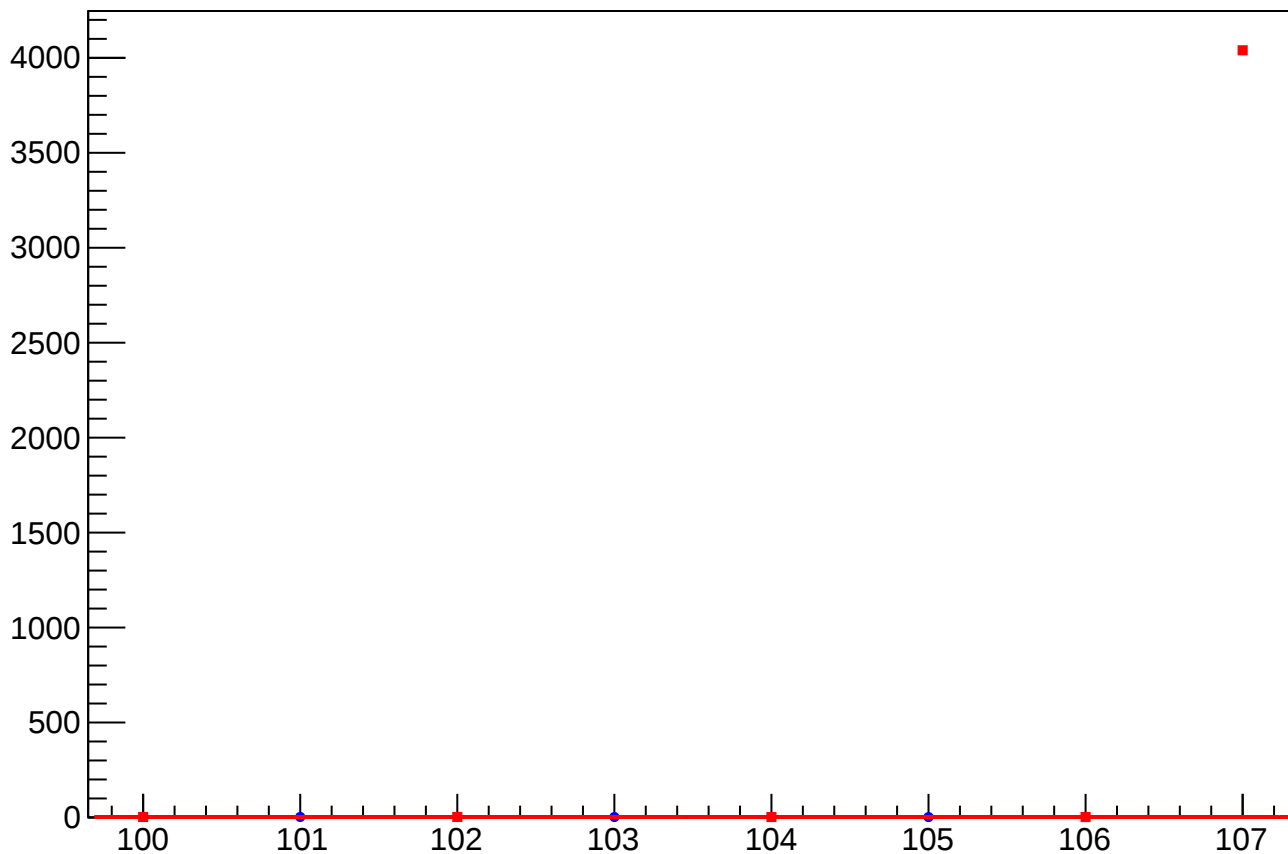
Right Out: -0.712+/-2.111 χ^2/NDF : 6.2/4

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

-1.527+/-2.238 χ^2/NDF : 1.3/2

-0.712+/-2.111 χ^2/NDF : 6.2/4

asym_cav4bQ_rms vs slug



Right In: 2.405 $\pm$ 0.002 χ^2 /NDF: 14098.3/2

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

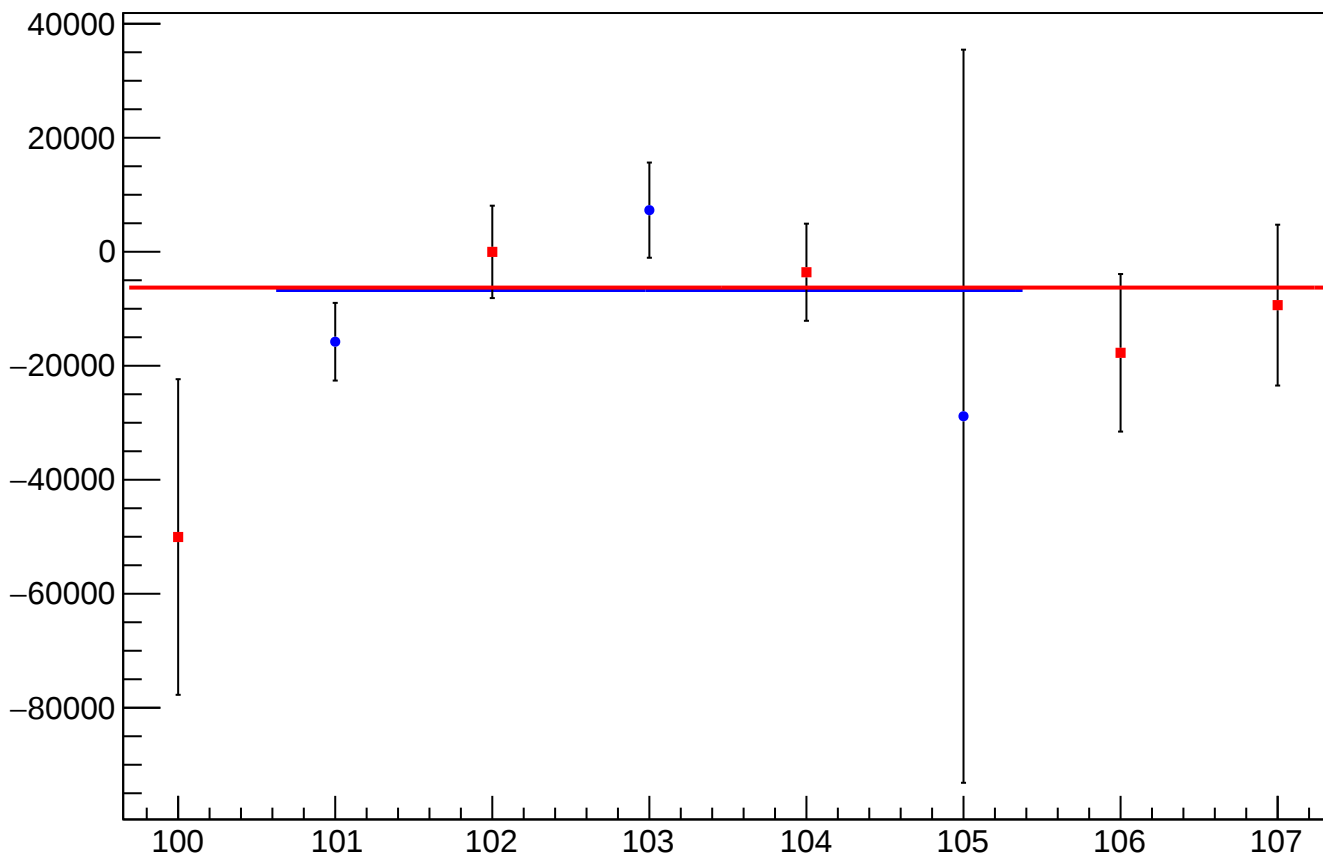
Right Out: 2.396 $\pm$ 0.001 χ^2 /NDF: 721918.8/4

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

2.405 $\pm$ 0.002 χ^2 /NDF: 14098.3/2

2.396 $\pm$ 0.001 χ^2 /NDF: 721918.8/4

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

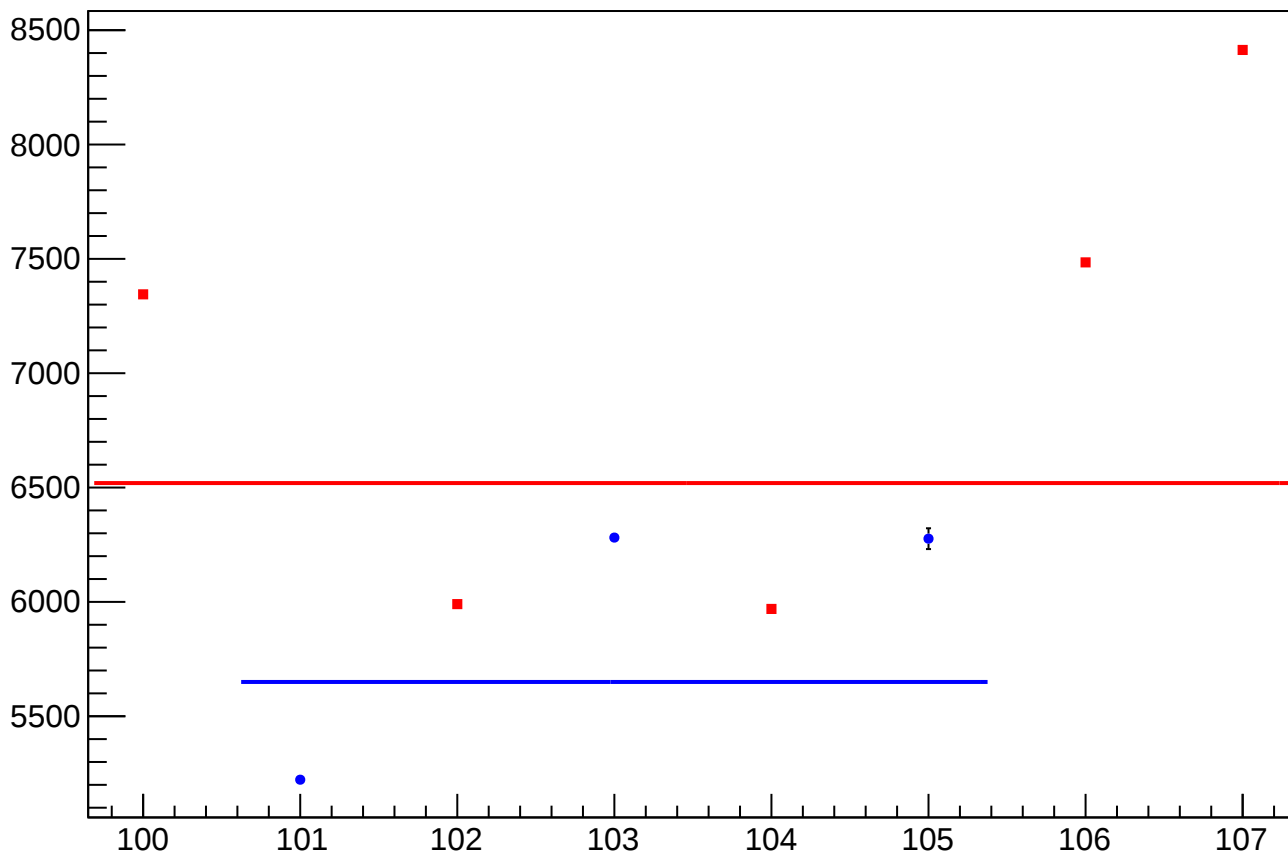
Right Out: -6284.059+/-4964.971 χ^2 /NDF: 3.9/4

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

-6707.110+/-5261.489 χ^2 /NDF: 4.7/2

-6284.059+/-4964.971 χ^2 /NDF: 3.9/4

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

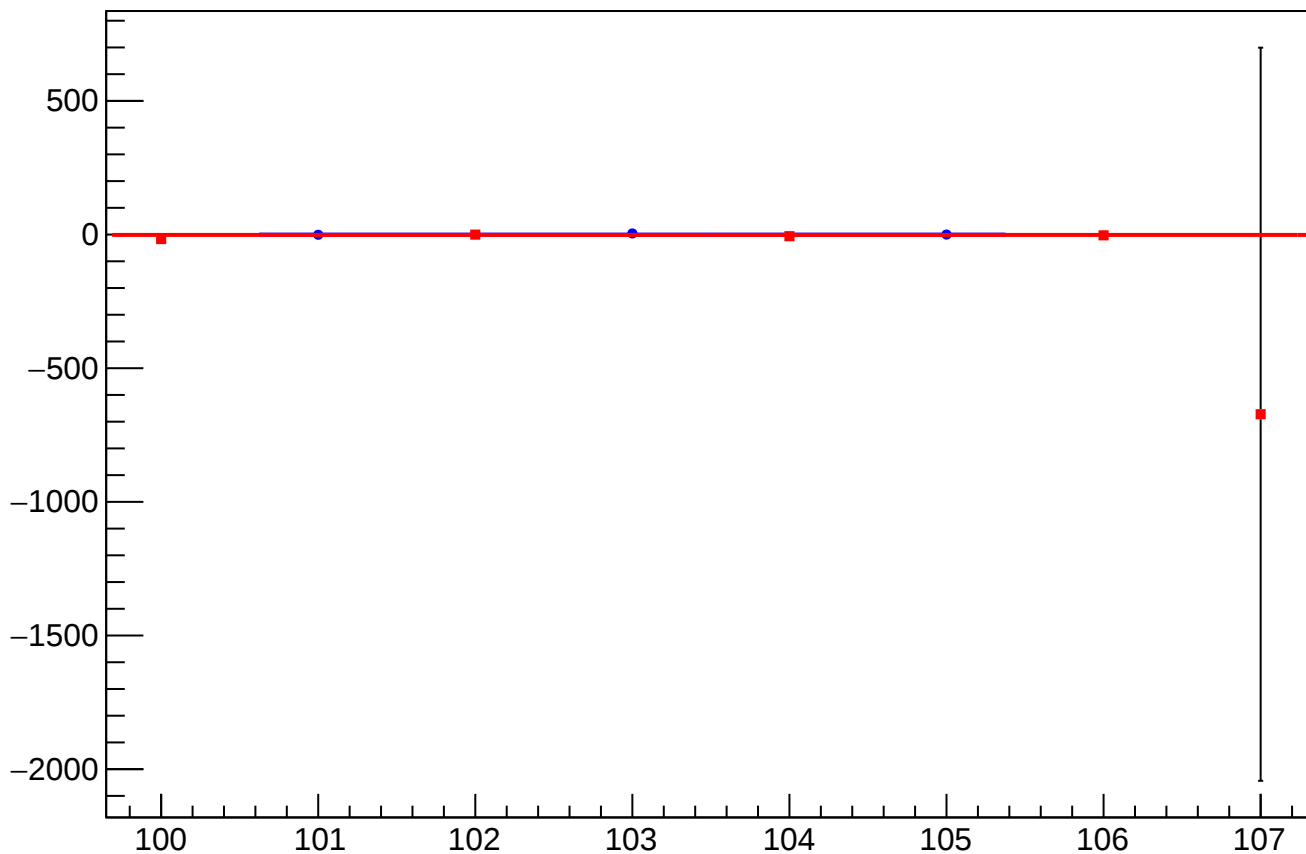
Right Out: 6519.622+/-3.511 χ^2/NDF : 64442.1/4

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

5649.881+/-3.720 χ^2/NDF : 19491.5/2

6519.622+/-3.511 χ^2/NDF : 64442.1/4

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: -1.335+/-1.623 χ^2/NDF : 3.0/4

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

-0.157+/-1.724 χ^2/NDF : 0.8/2

-1.335+/-1.623 χ^2/NDF : 3.0/4

asym_cav4dQ_rms vs slug



Right In: 1.411 $\pm$ 0.001 χ^2 /NDF: 462.6/2

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

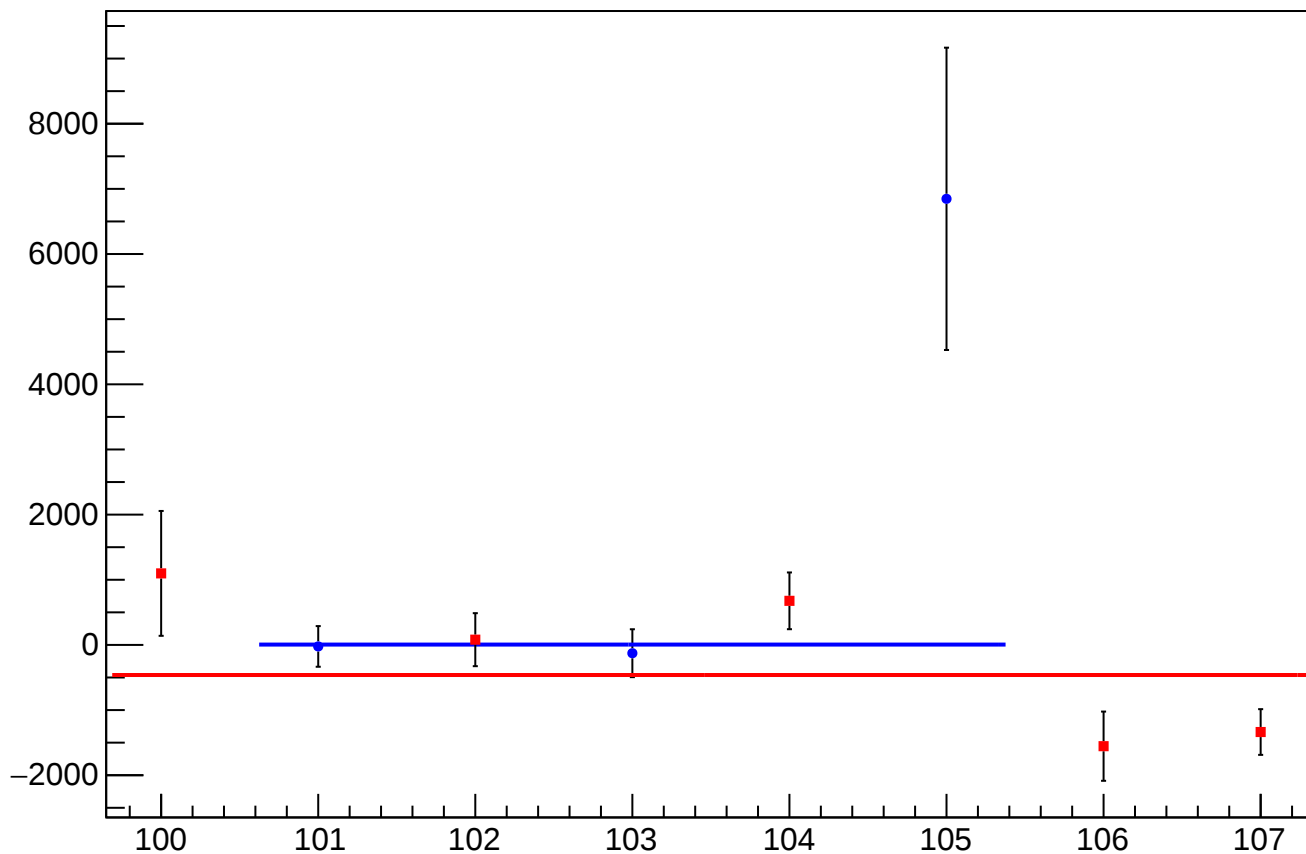
Right Out: 1.415 $\pm$ 0.001 χ^2 /NDF: 707333.9/4

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

1.411 $\pm$ 0.001 χ^2 /NDF: 462.6/2

1.415 $\pm$ 0.001 χ^2 /NDF: 707333.9/4

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

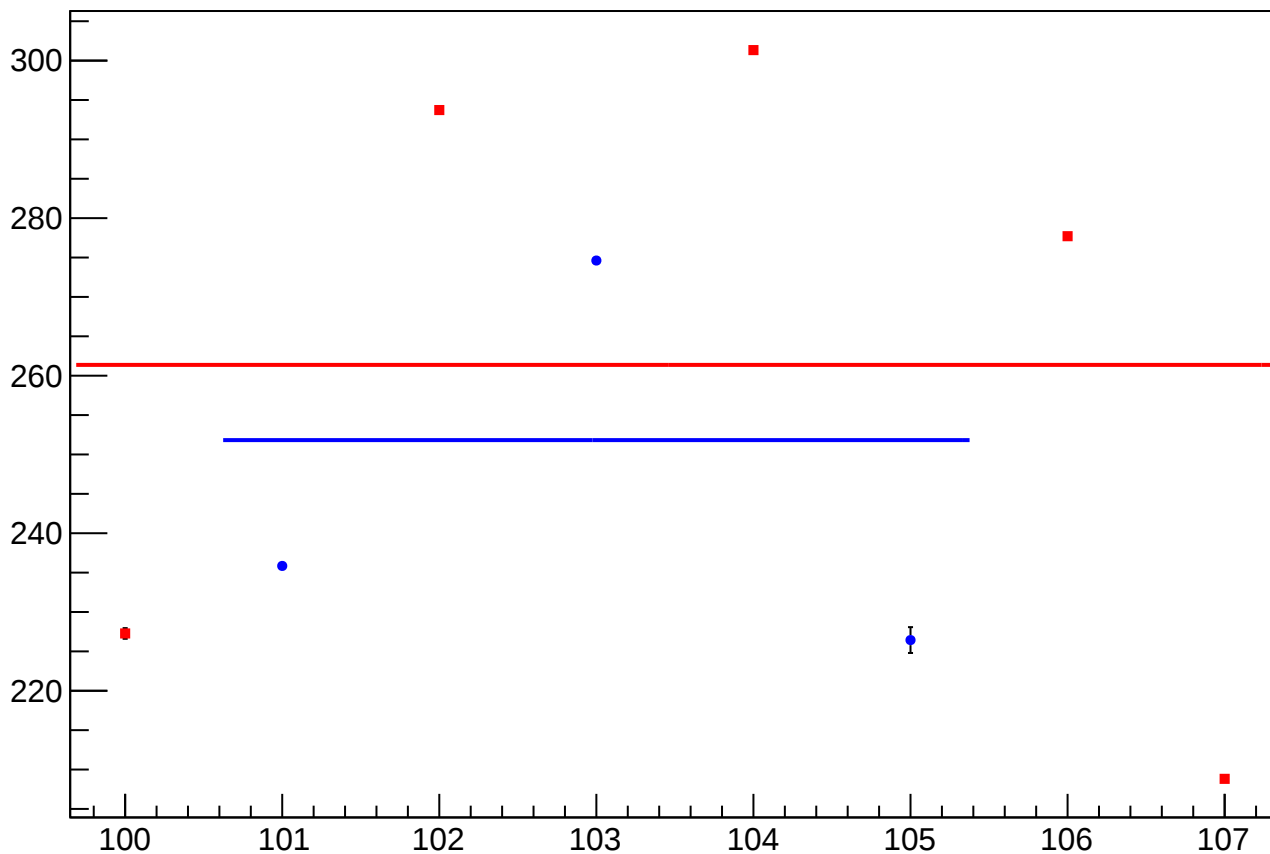
Right Out: -461.829+/-203.816 χ^2/NDF : 21.7/4

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

5.285+/-236.656 χ^2/NDF : 8.8/2

-461.829+/-203.816 χ^2/NDF : 21.7/4

asym_bcm0l02_rms vs slug



Right In: 251.822+/-0.167 χ^2/NDF : 13172.3/2

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

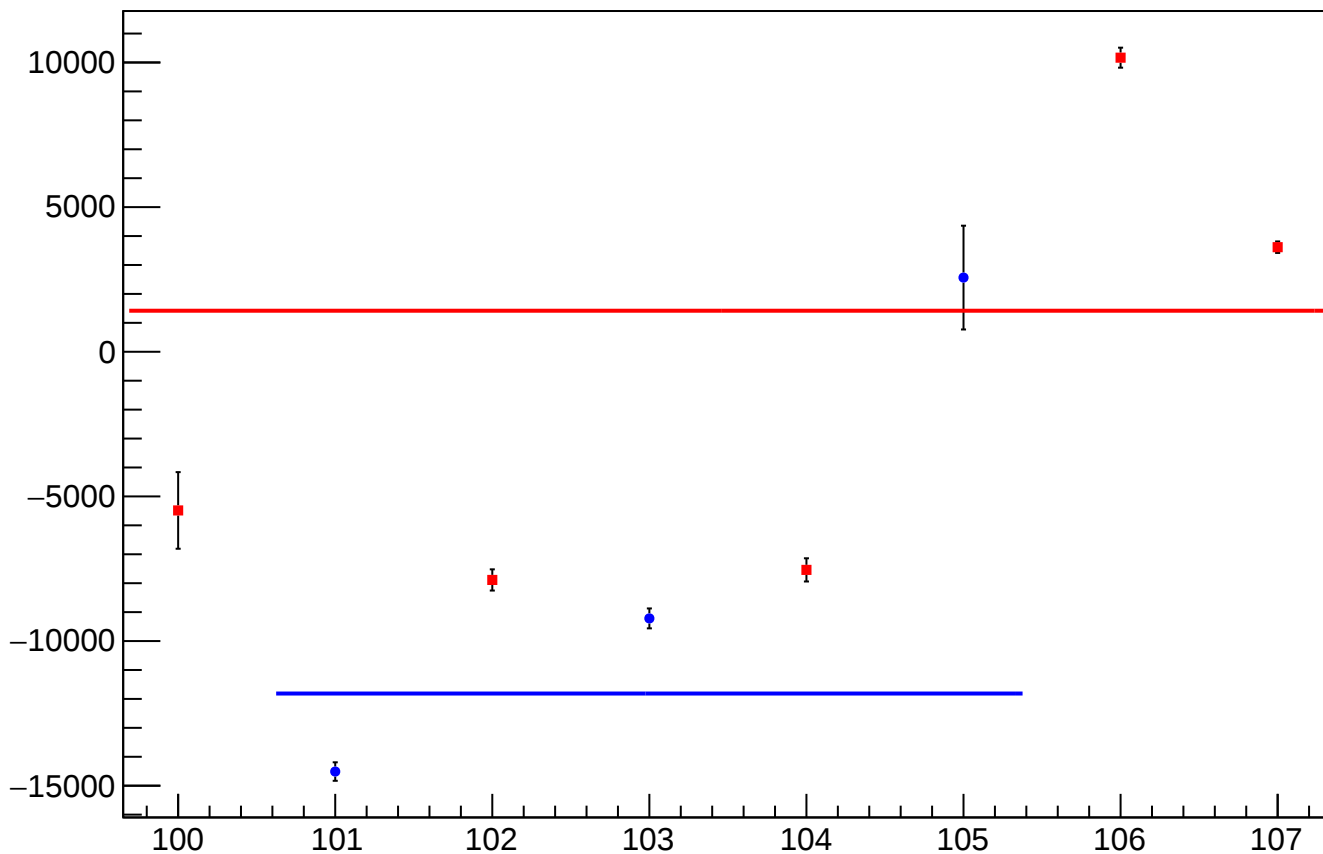
Right Out: 261.371+/-0.144 χ^2/NDF : 78793.3/4

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

251.822+/-0.167 χ^2/NDF : 13172.3/2

261.371+/-0.144 χ^2/NDF : 78793.3/4

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

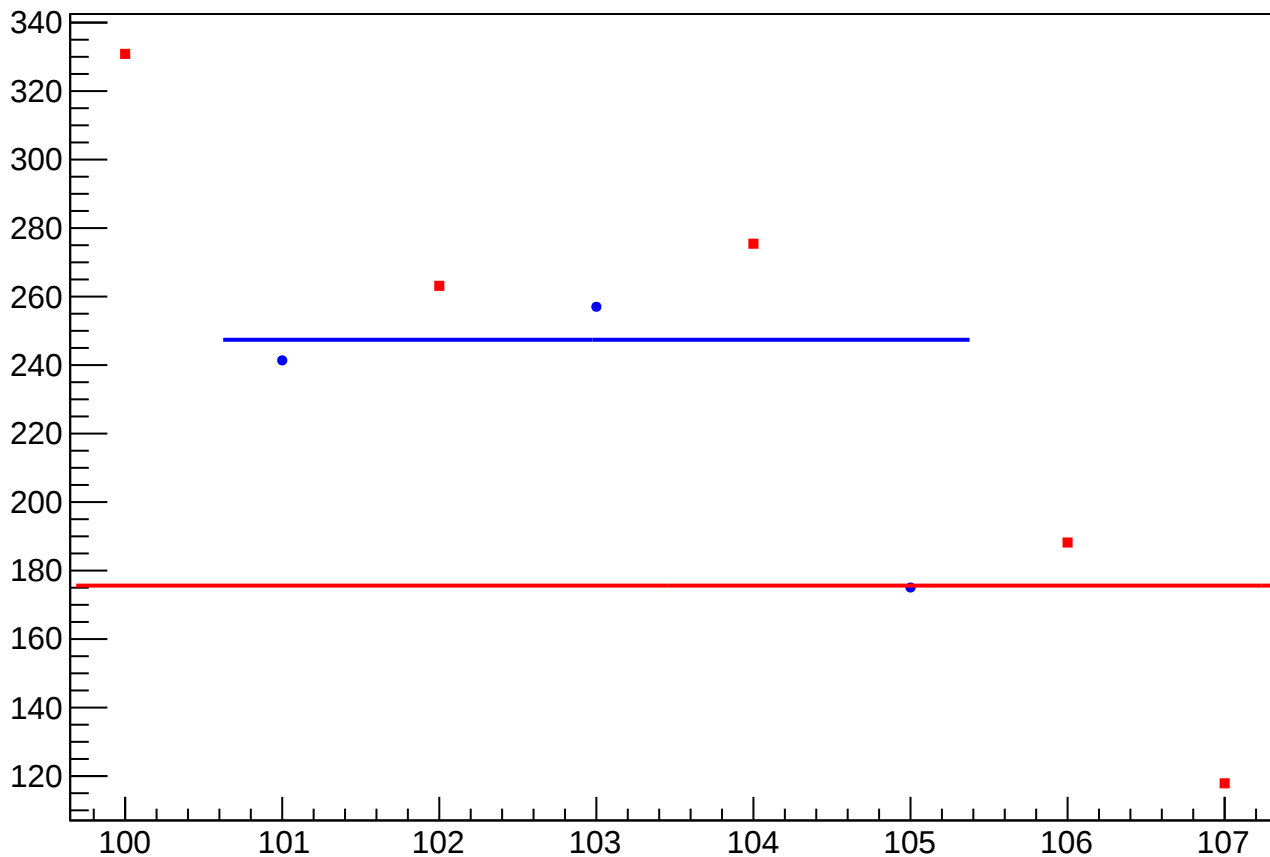
Right Out: 1418.793+/-144.376 χ^2 /NDF: 1932.5/4

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

-11813.653+/-232.296 χ^2 /NDF: 192.3/2

1418.793+/-144.376 χ^2 /NDF: 1932.5/4

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

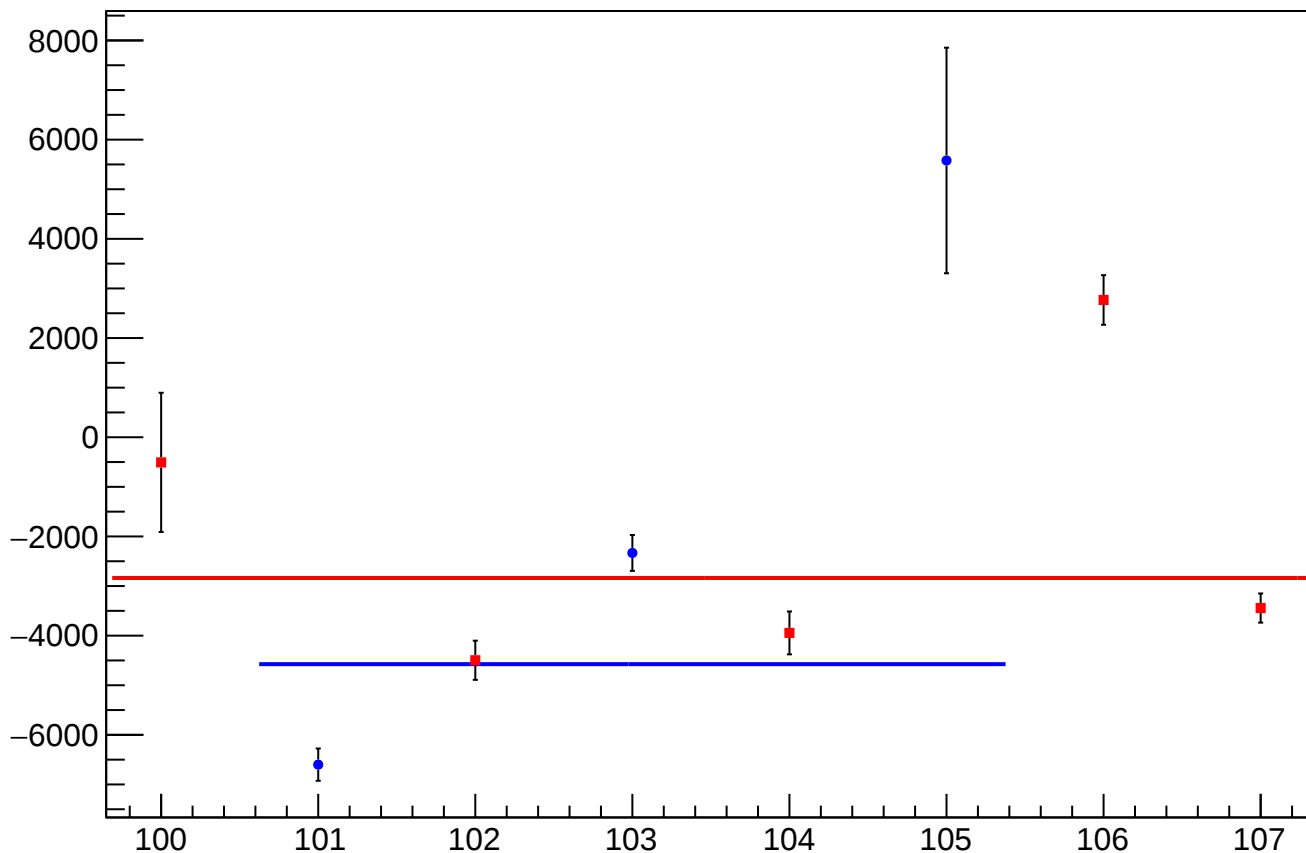
Right Out: 175.614+/-0.102 χ^2/NDF : 437261.2/4

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

247.393+/-0.164 χ^2/NDF : 5530.3/2

175.614+/-0.102 χ^2/NDF : 437261.2/4

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

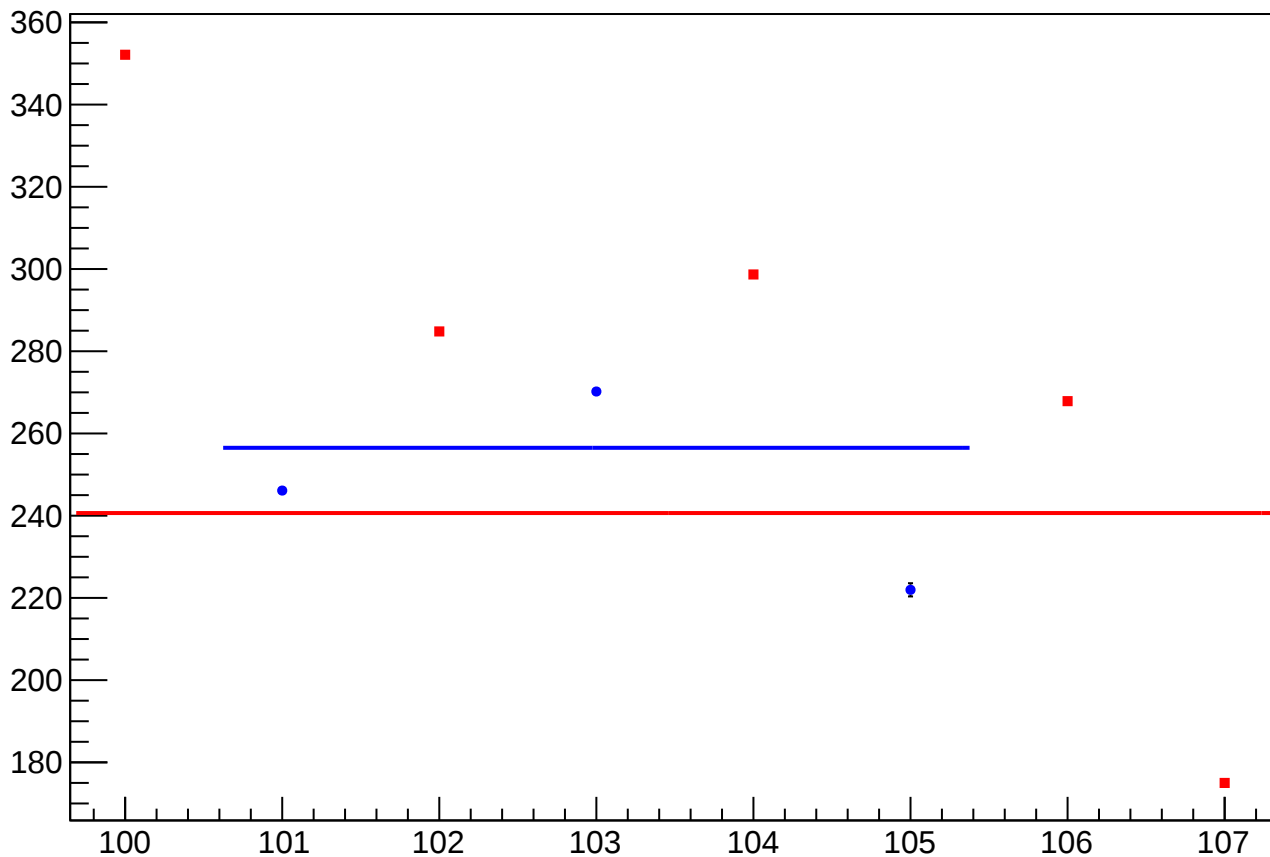
Right Out: -2837.307+/-189.504 χ^2/NDF : 156.8/4

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

-4574.426+/-240.509 χ^2/NDF : 97.2/2

-2837.307+/-189.504 χ^2/NDF : 156.8/4

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

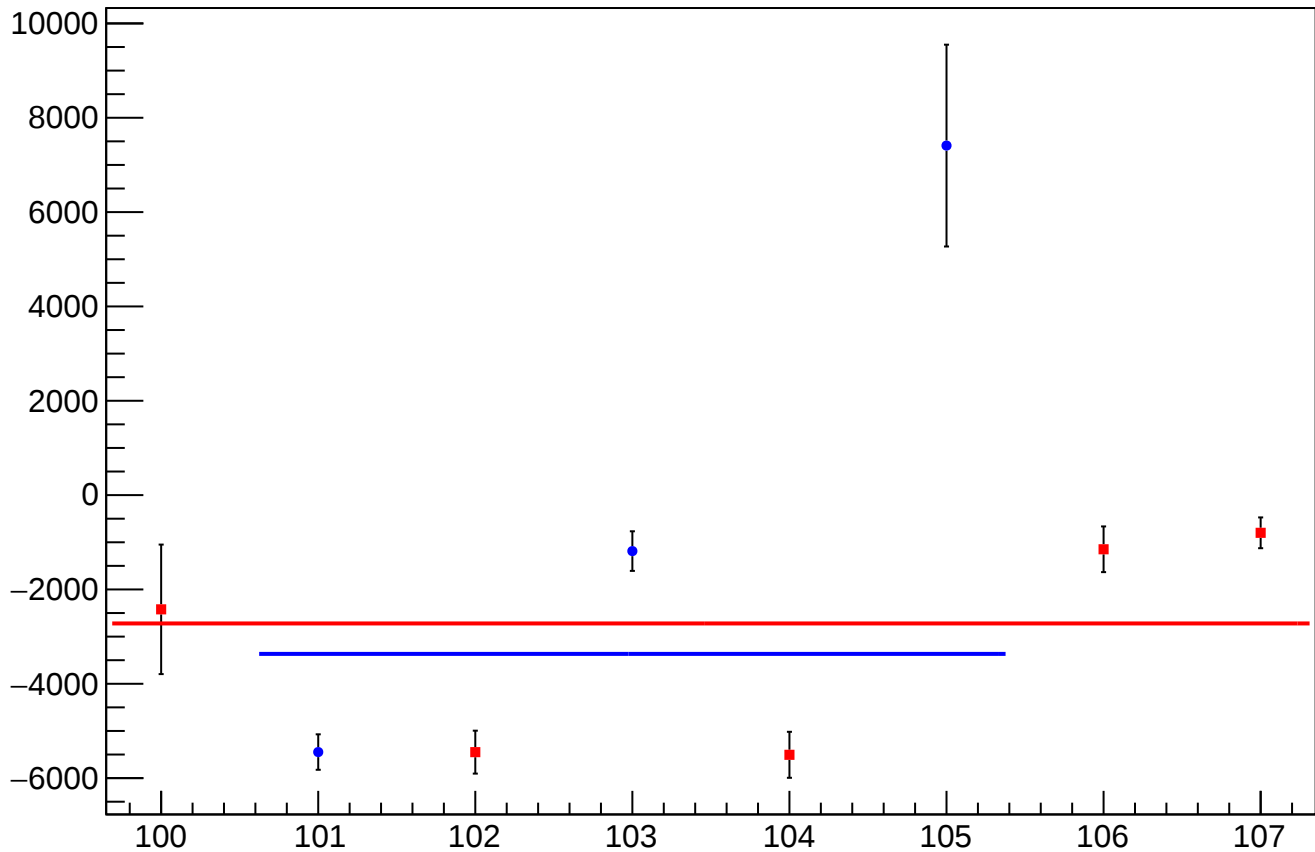
Right Out: 240.644 $\pm$ 0.134 χ^2 /NDF: 179372.1/4

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

256.513 $\pm$ 0.170 χ^2 /NDF: 5375.2/2

240.644 $\pm$ 0.134 χ^2 /NDF: 179372.1/4

asym_bpm0i05WS_mean vs slug



Right In: -3366.252 $\pm$ 277.684 χ^2 /NDF: 83.0/2

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

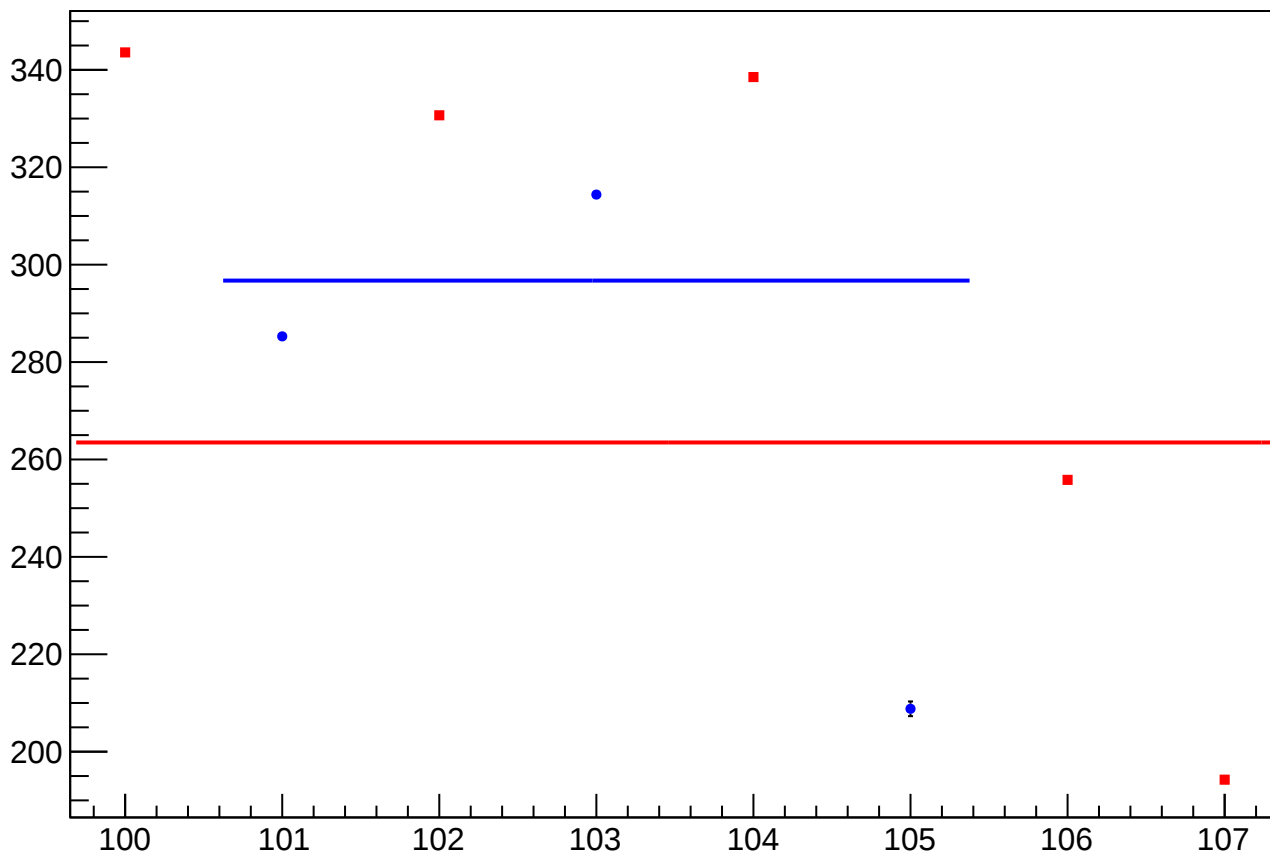
Right Out: -2720.782 $\pm$ 207.542 χ^2 /NDF: 113.8/4

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

-3366.252 $\pm$ 277.684 χ^2 /NDF: 83.0/2

-2720.782 $\pm$ 207.542 χ^2 /NDF: 113.8/4

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

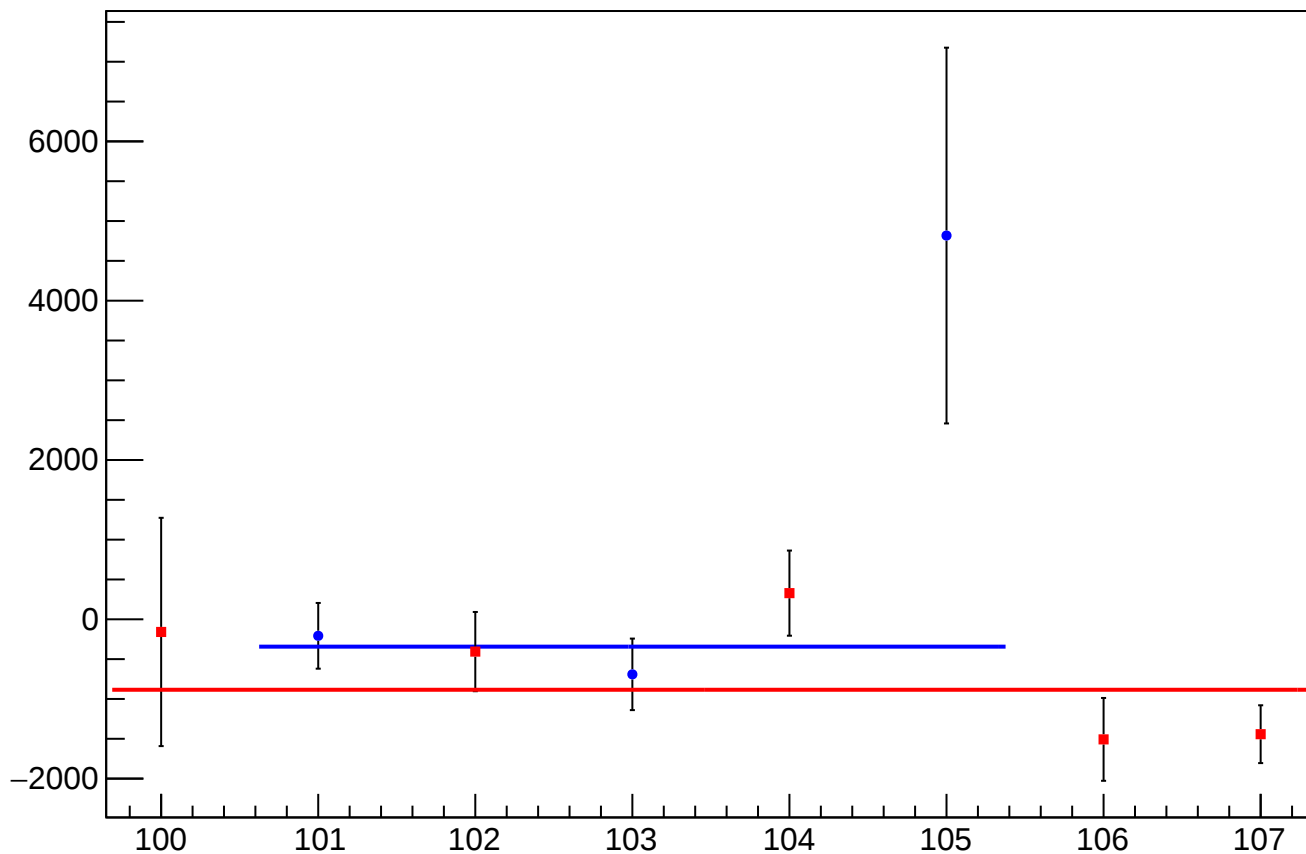
Right Out: 263.491+/-0.147 χ^2/NDF : 188285.2/4

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

296.730+/-0.196 χ^2/NDF : 8773.6/2

263.491+/-0.147 χ^2/NDF : 188285.2/4

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

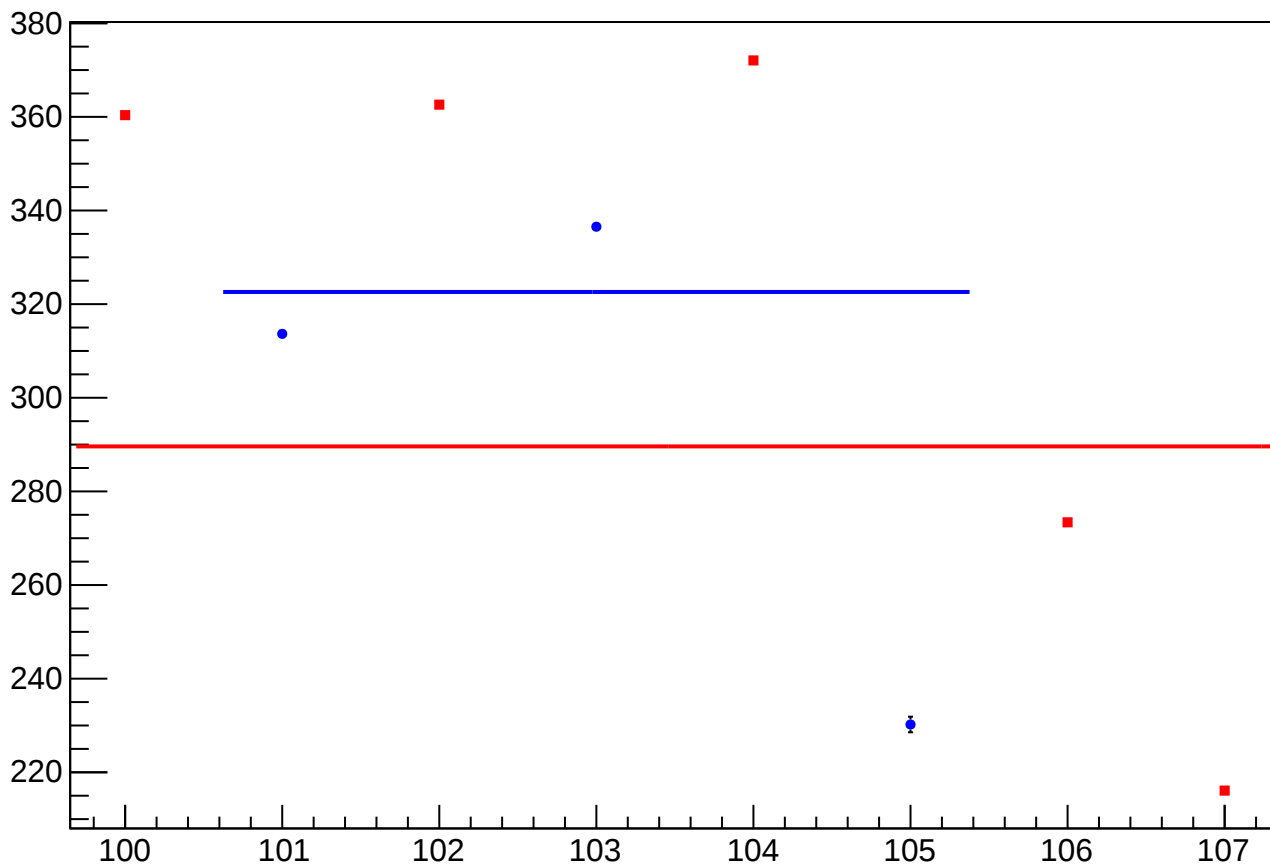
Right Out: -884.614+/-227.510 χ^2 /NDF: 10.1/4

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

-343.239+/-301.298 χ^2 /NDF: 5.5/2

-884.614+/-227.510 χ^2 /NDF: 10.1/4

asym_bpm0i07WS_rms vs slug



Right In: 322.600 $\pm$ 0.213 χ^2 /NDF: 5935.4/2

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

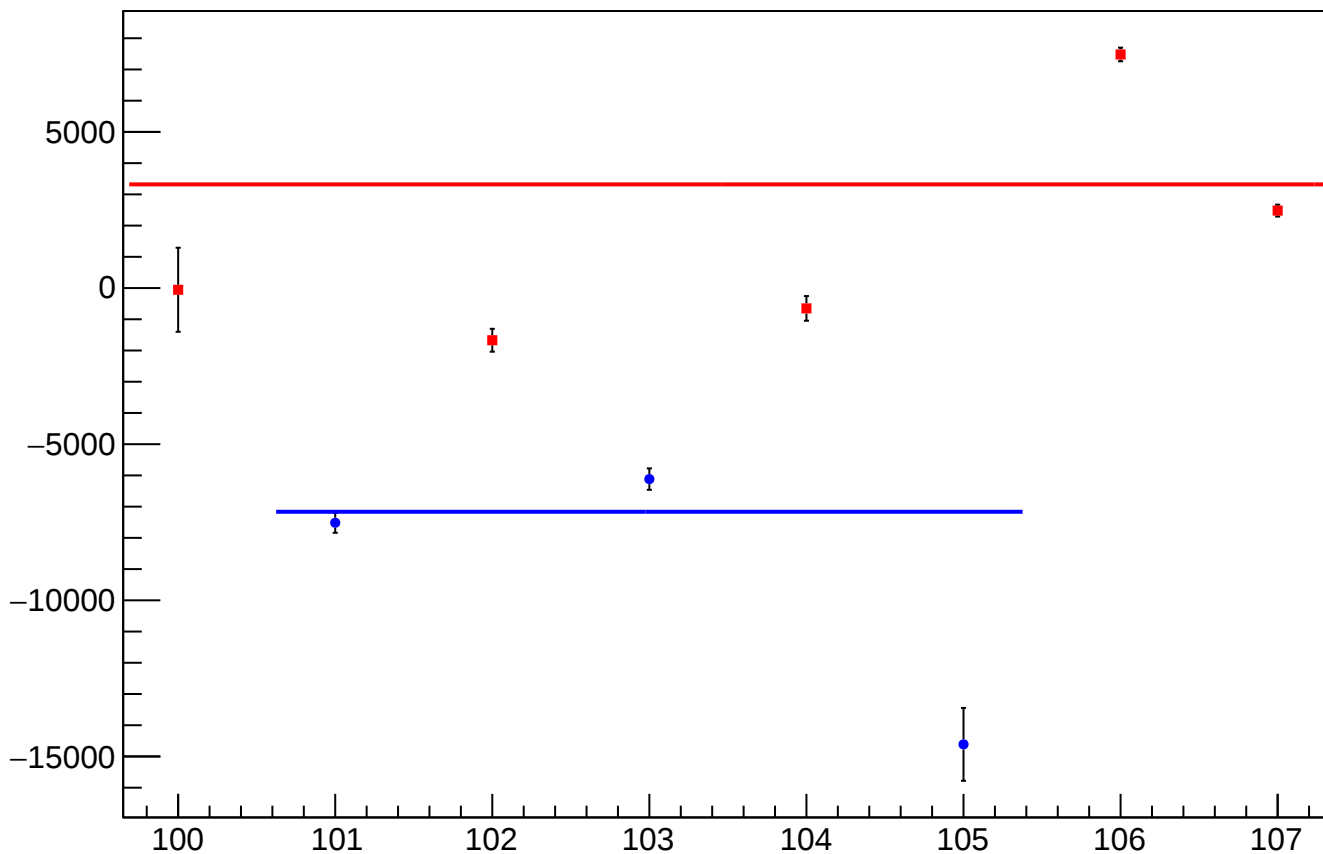
Right Out: 289.612 $\pm$ 0.161 χ^2 /NDF: 179546.6/4

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

322.600 $\pm$ 0.213 χ^2 /NDF: 5935.4/2

289.612 $\pm$ 0.161 χ^2 /NDF: 179546.6/4

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

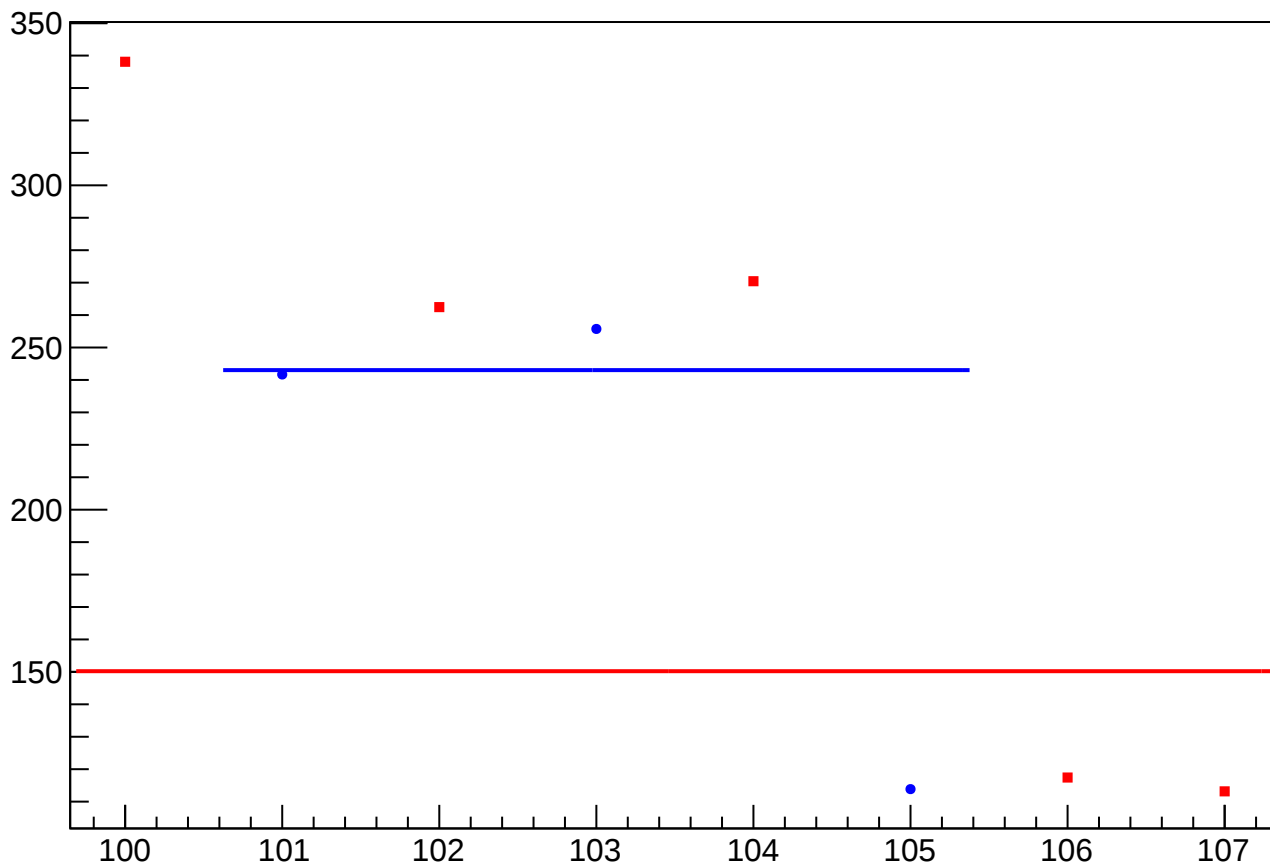
Right Out: 3320.022 $\pm$ 125.954 χ^2 /NDF: 677.2/4

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

-7164.012 $\pm$ 229.607 χ^2 /NDF: 51.3/2

3320.022 $\pm$ 125.954 χ^2 /NDF: 677.2/4

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

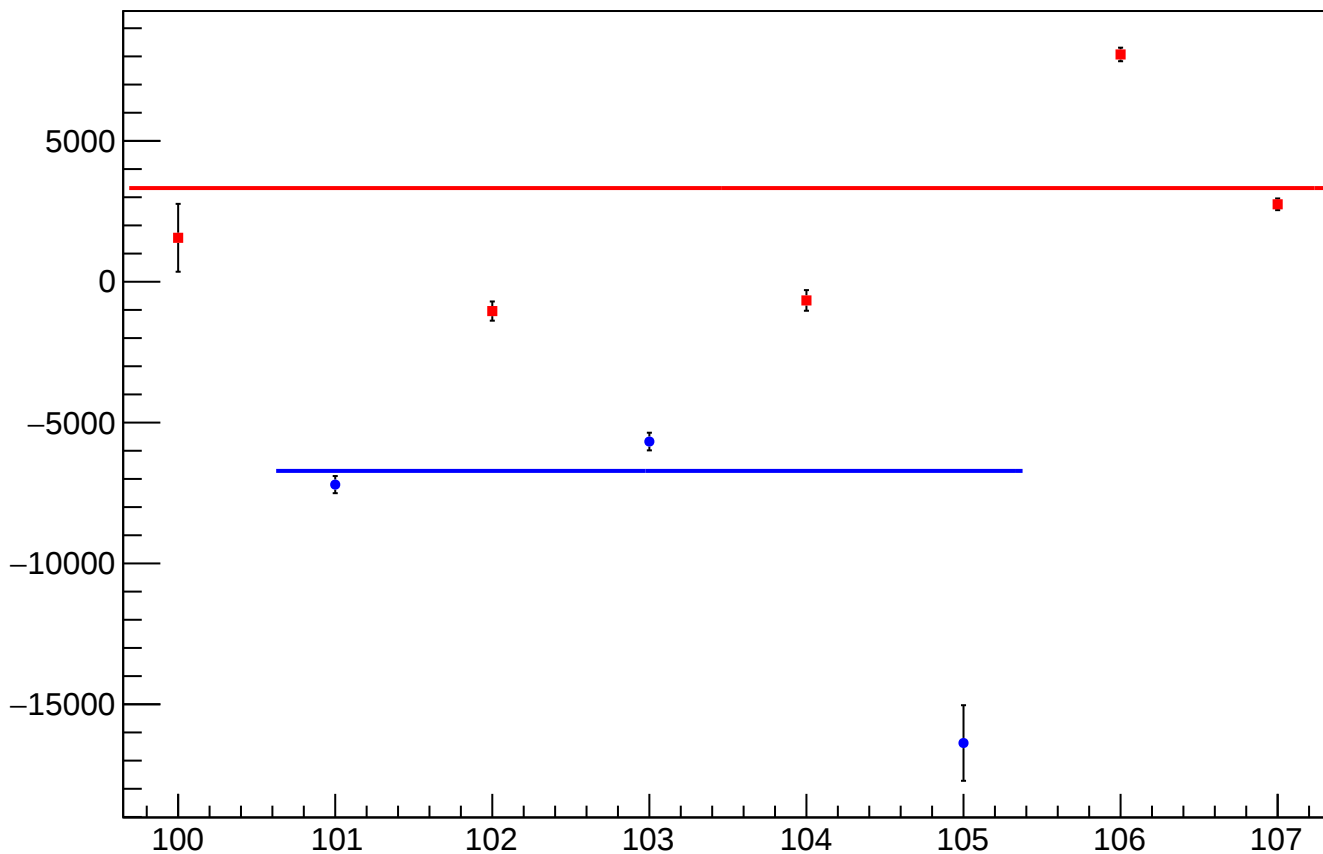
Right Out: 150.211+/-0.089 χ^2/NDF : 533026.7/4

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

243.031+/-0.162 χ^2/NDF : 27300.1/2

150.211+/-0.089 χ^2/NDF : 533026.7/4

asym_bpm2i01WS_mean vs slug



Right In: -6715.016 $\pm$ 215.377 χ^2 /NDF: 65.5/2

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

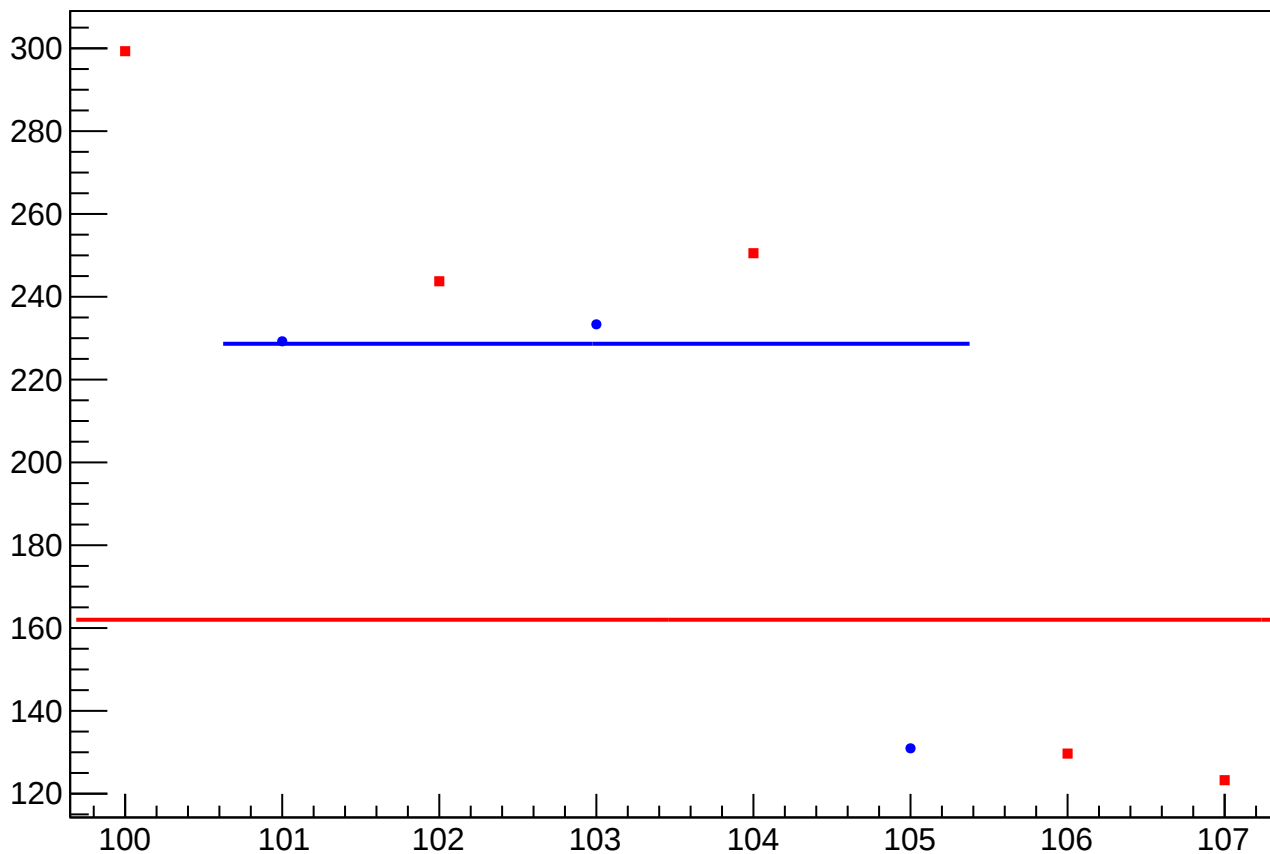
Right Out: 3325.654 $\pm$ 132.246 χ^2 /NDF: 680.4/4

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

-6715.016 $\pm$ 215.377 χ^2 /NDF: 65.5/2

3325.654 $\pm$ 132.246 χ^2 /NDF: 680.4/4

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

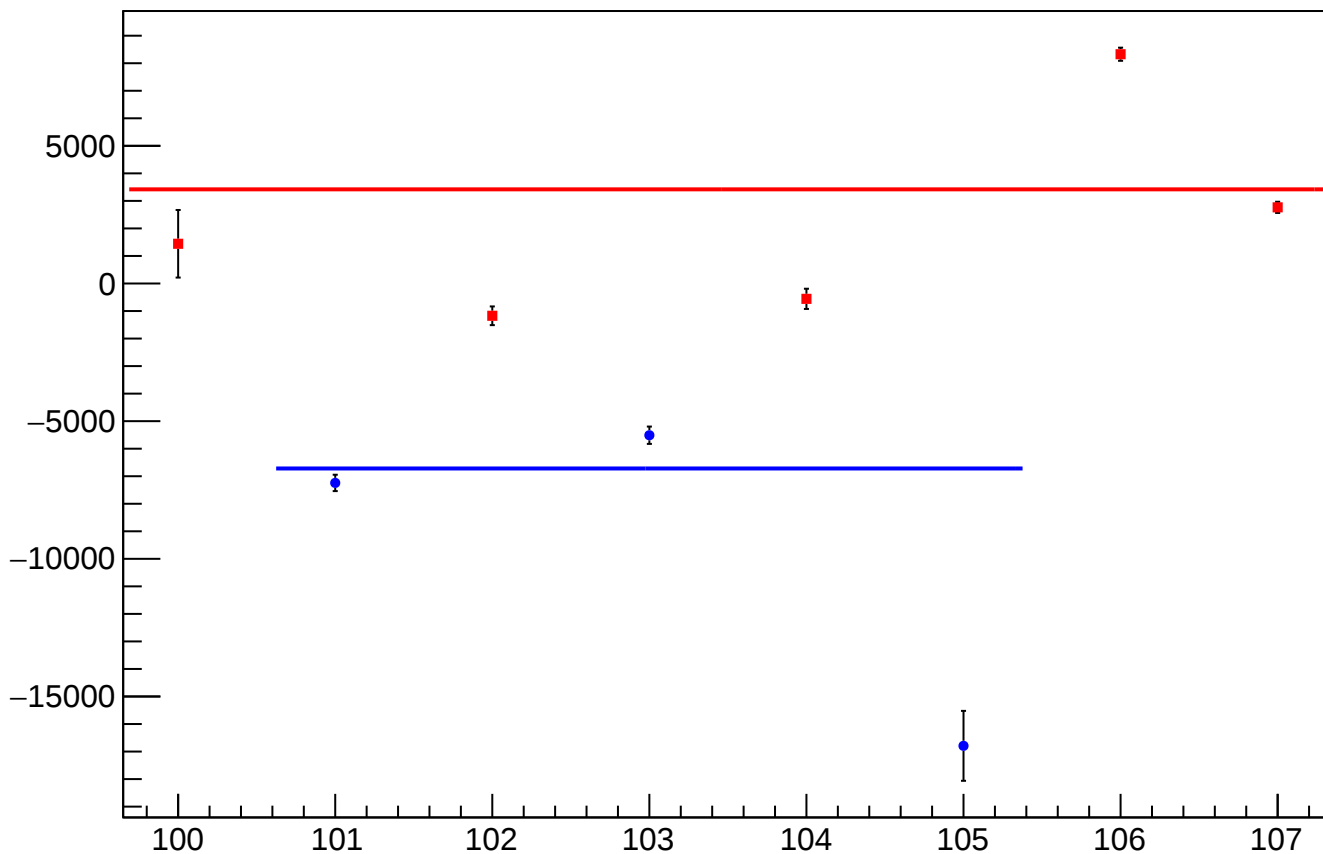
228.653+/-0.152 χ^2/NDF : 11059.9/2

Right Out: 162.007+/-0.094 χ^2/NDF : 363237.8/4

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

162.007+/-0.094 χ^2/NDF : 363237.8/4

asym_bpm2i02WS_mean vs slug



Right In: -6718.585 $\pm$ 213.041 χ^2 /NDF: 80.8/2

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

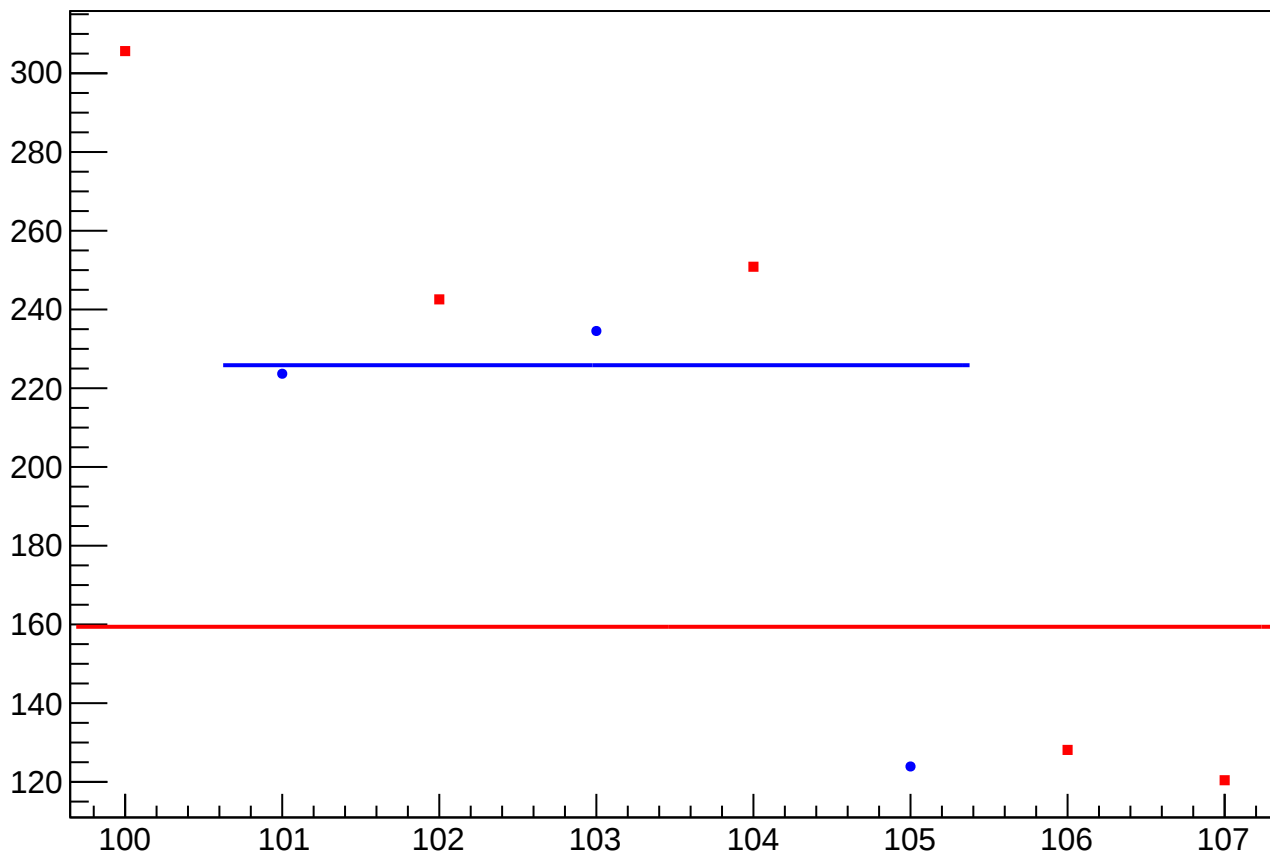
Right Out: 3419.522 $\pm$ 130.591 χ^2 /NDF: 737.7/4

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

-6718.585 $\pm$ 213.041 χ^2 /NDF: 80.8/2

3419.522 $\pm$ 130.591 χ^2 /NDF: 737.7/4

asym_bpm2i02WS_rms vs slug



Right In: 225.846+/-0.151 χ^2/NDF : 14519.9/2

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

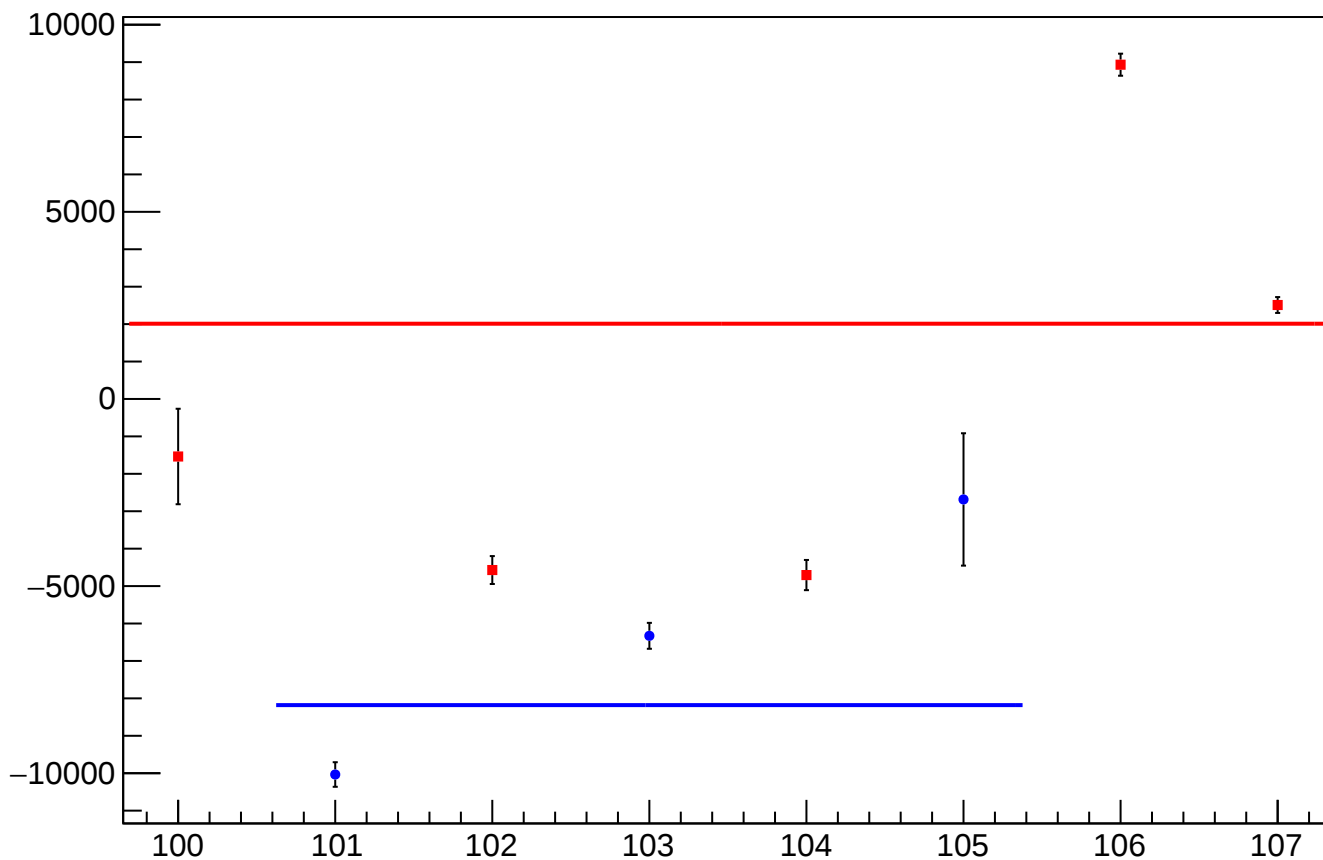
225.846+/-0.151 χ^2/NDF : 14519.9/2

Right Out: 159.404+/-0.092 χ^2/NDF : 380655.6/4

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

159.404+/-0.092 χ^2/NDF : 380655.6/4

asym_bpm0i01WS_mean vs slug



Right In: -8180.267+/-236.154 χ^2/NDF : 70.1/2

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

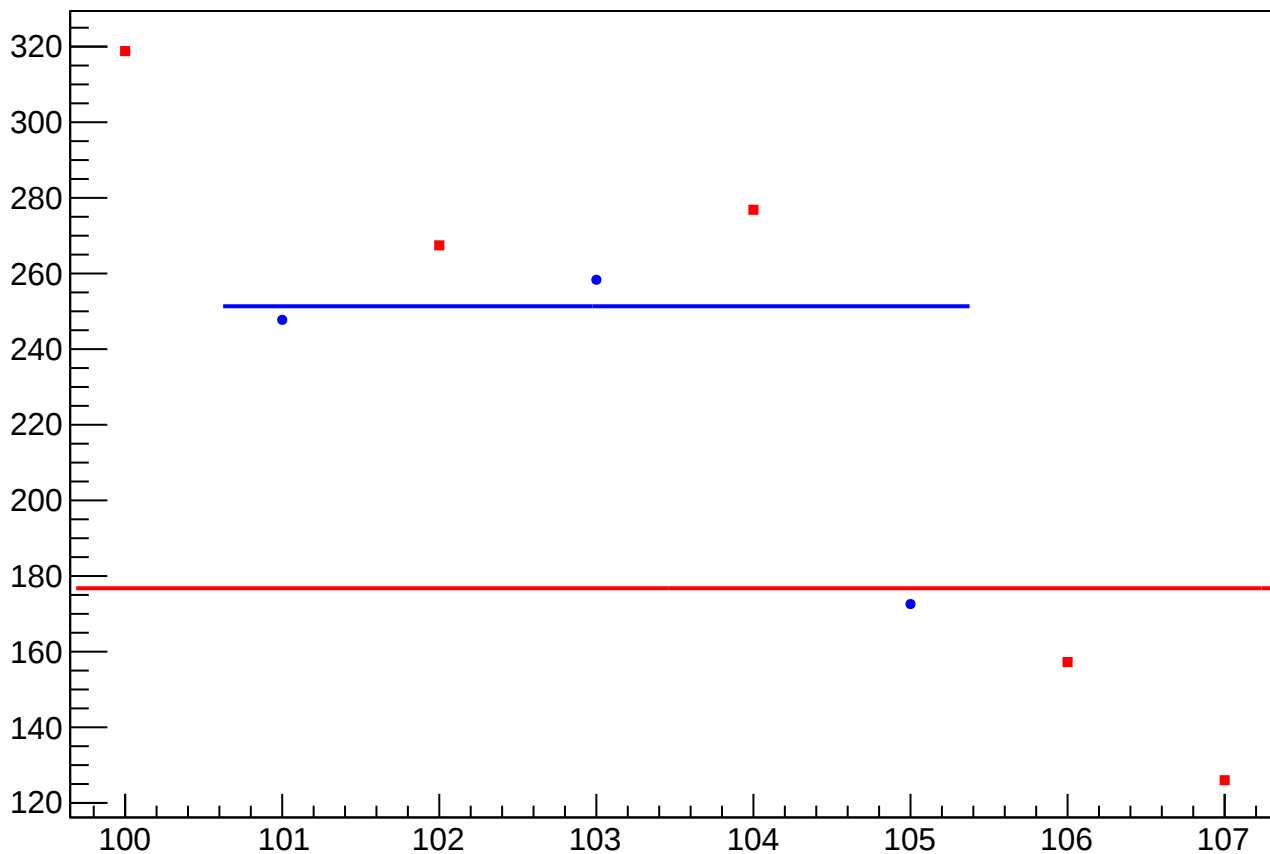
Right Out: 2010.645+/-144.788 χ^2/NDF : 1153.0/4

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

-8180.267+/-236.154 χ^2/NDF : 70.1/2

2010.645+/-144.788 χ^2/NDF : 1153.0/4

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

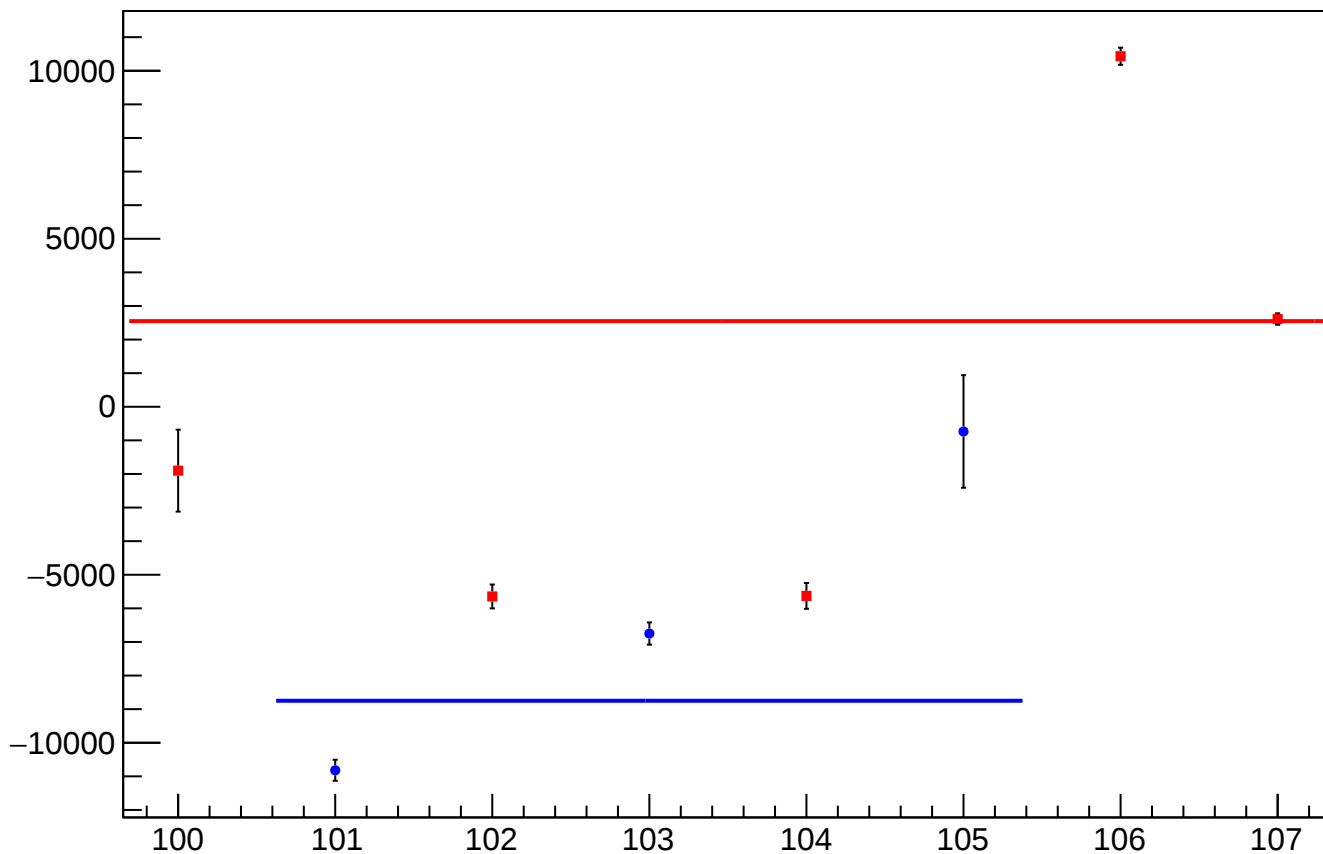
251.336 $\pm$ 0.167 χ^2 /NDF: 5025.0/2

Right Out: 176.771 $\pm$ 0.102 χ^2 /NDF: 389538.2/4

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

176.771 $\pm$ 0.102 χ^2 /NDF: 389538.2/4

asym_bpm0i01aWS_mean vs slug



Right In: -8750.259 $\pm$ 225.552 χ^2 /NDF: 103.0/2

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

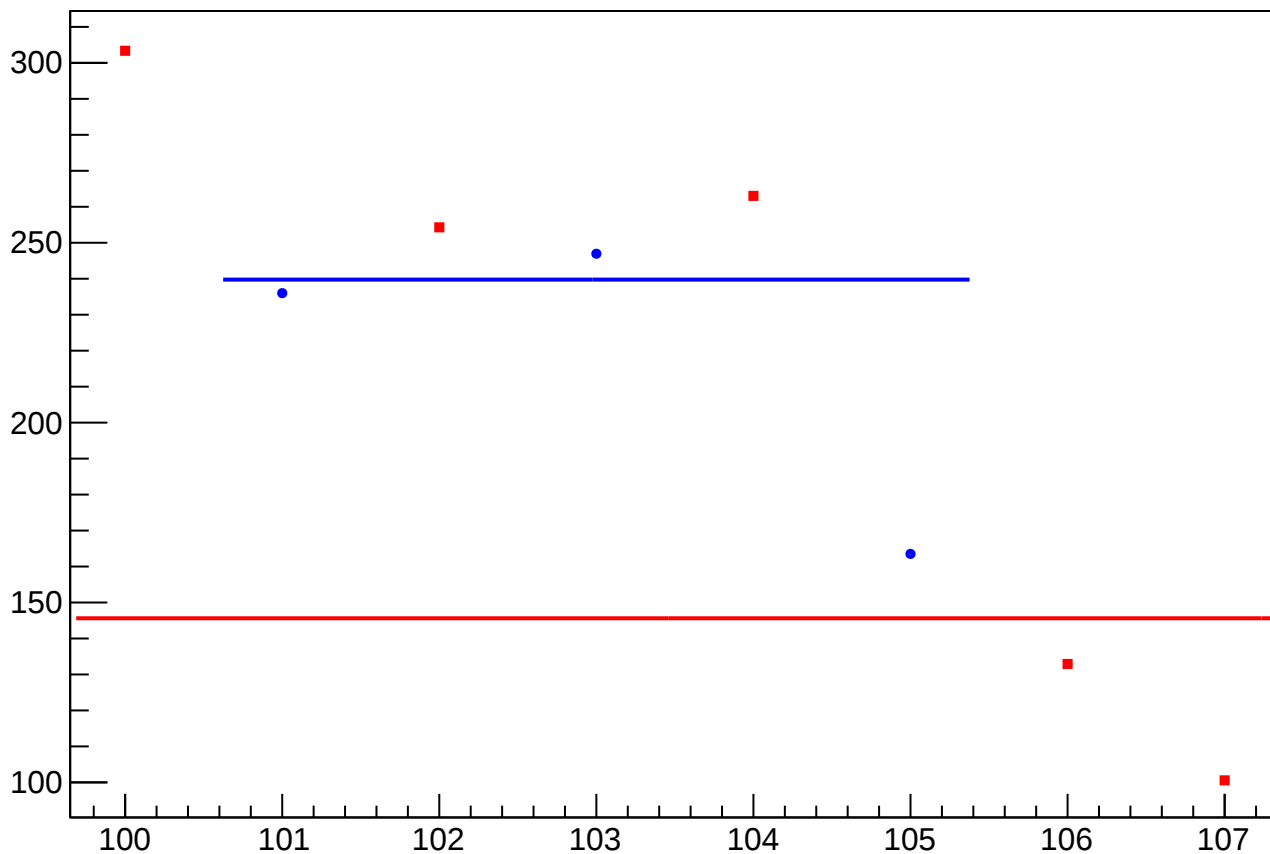
Right Out: 2549.024 $\pm$ 123.556 χ^2 /NDF: 1953.4/4

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

-8750.259 $\pm$ 225.552 χ^2 /NDF: 103.0/2

2549.024 $\pm$ 123.556 χ^2 /NDF: 1953.4/4

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

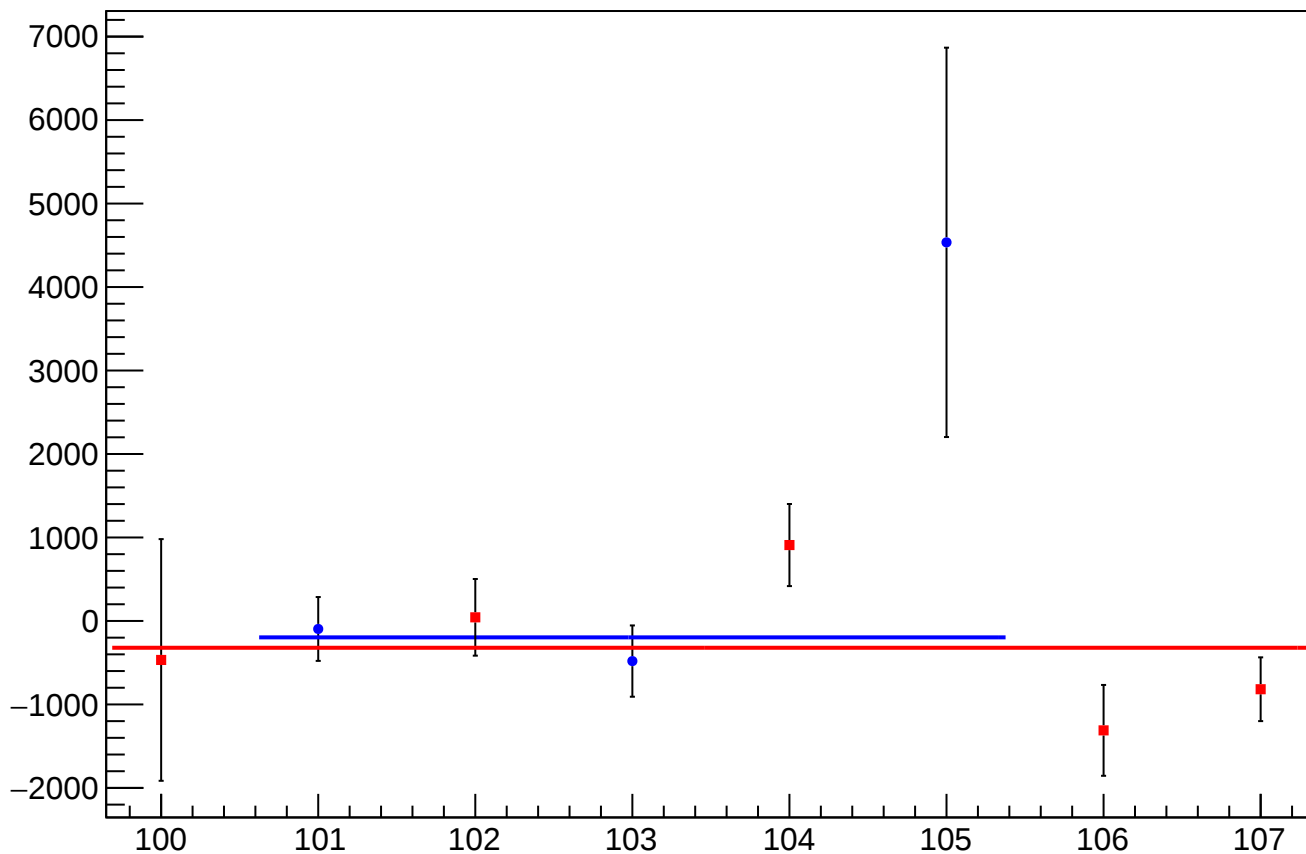
Right Out: 145.619 $\pm$ 0.087 χ^2 /NDF: 553415.7/4

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

239.759 $\pm$ 0.159 χ^2 /NDF: 5373.2/2

145.619 $\pm$ 0.087 χ^2 /NDF: 553415.7/4

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

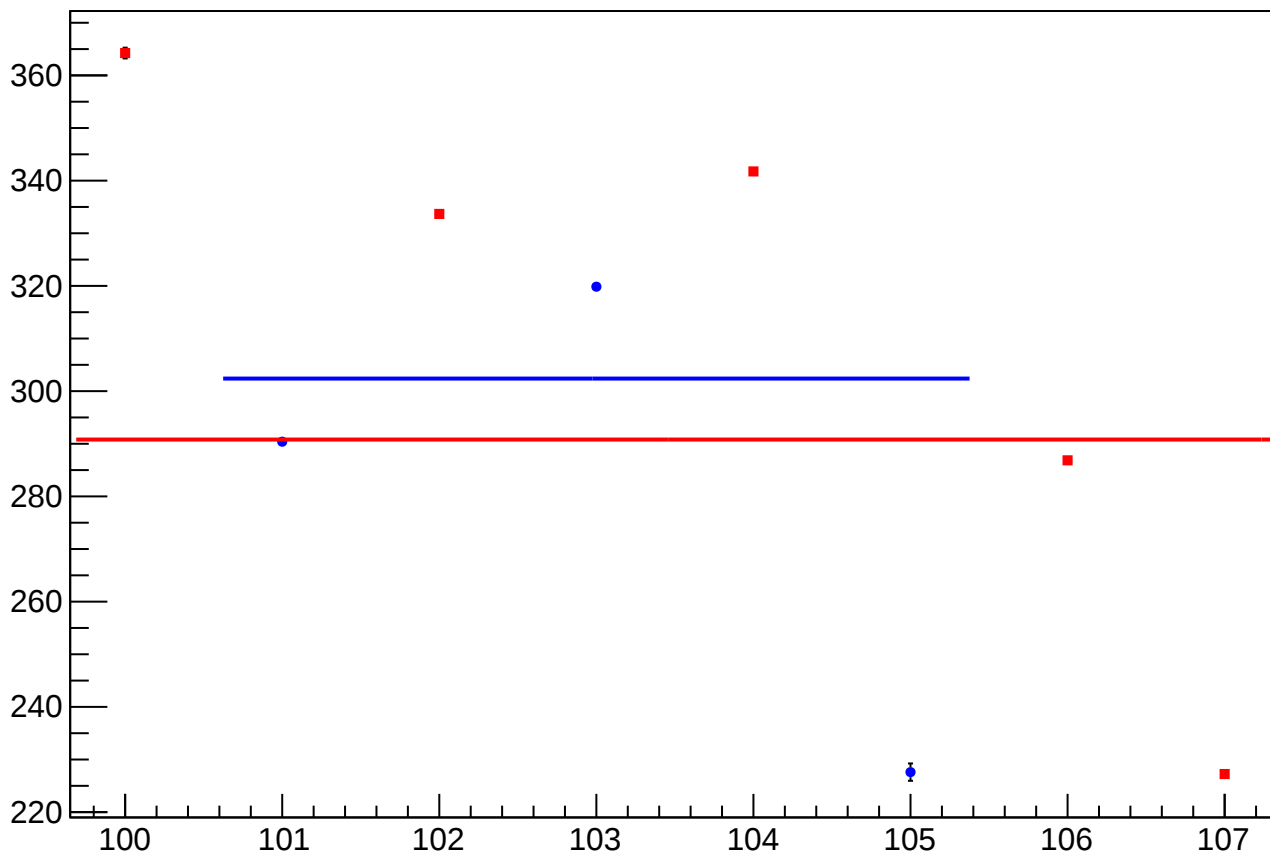
Right Out: -321.038+/-225.929 χ^2 /NDF: 11.9/4

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

-196.565+/-282.758 χ^2 /NDF: 4.6/2

-321.038+/-225.929 χ^2 /NDF: 11.9/4

asym_bpm0l01WS_rms vs slug



Right In: 302.390+/-0.200 χ^2/NDF : 7368.4/2

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

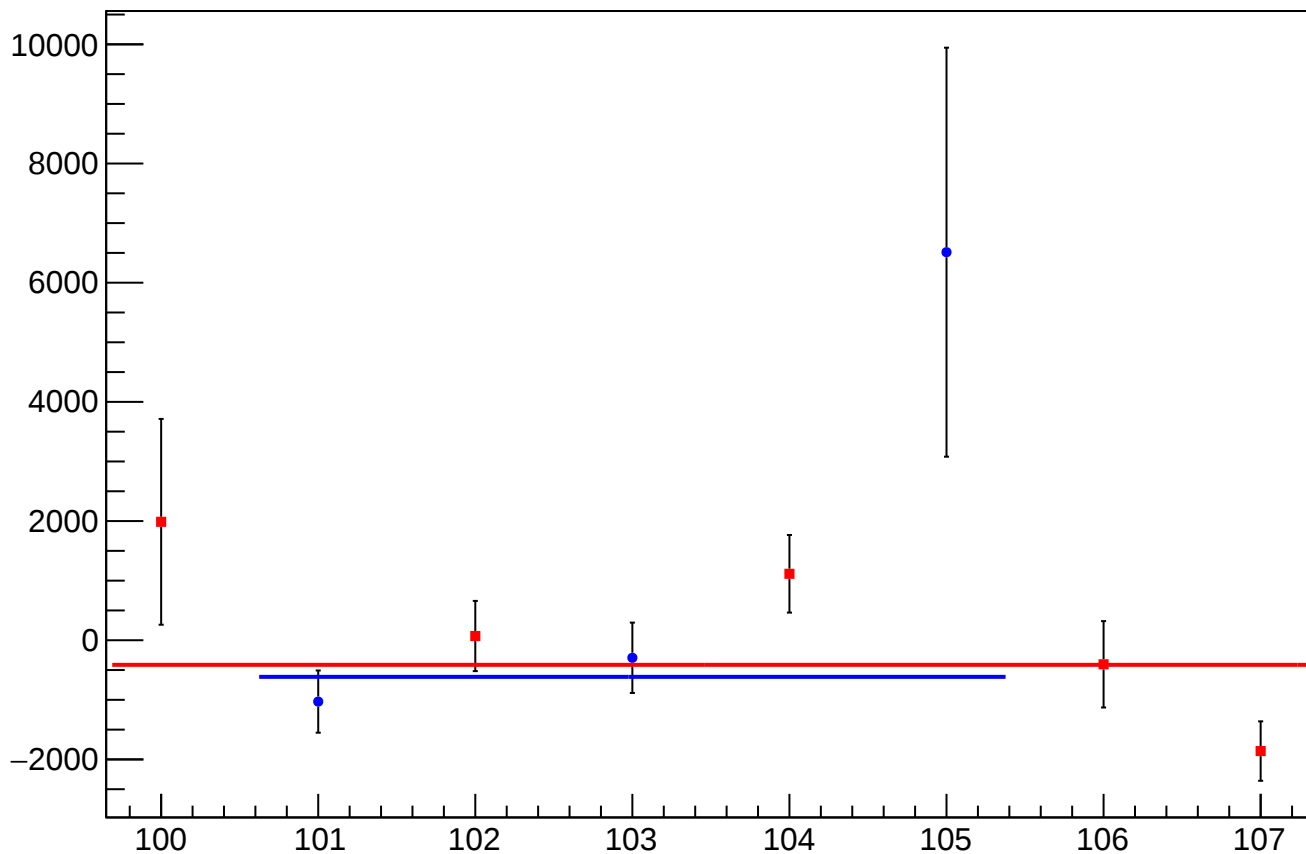
302.390+/-0.200 χ^2/NDF : 7368.4/2

Right Out: 290.803+/-0.160 χ^2/NDF : 99563.4/4

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

290.803+/-0.160 χ^2/NDF : 99563.4/4

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

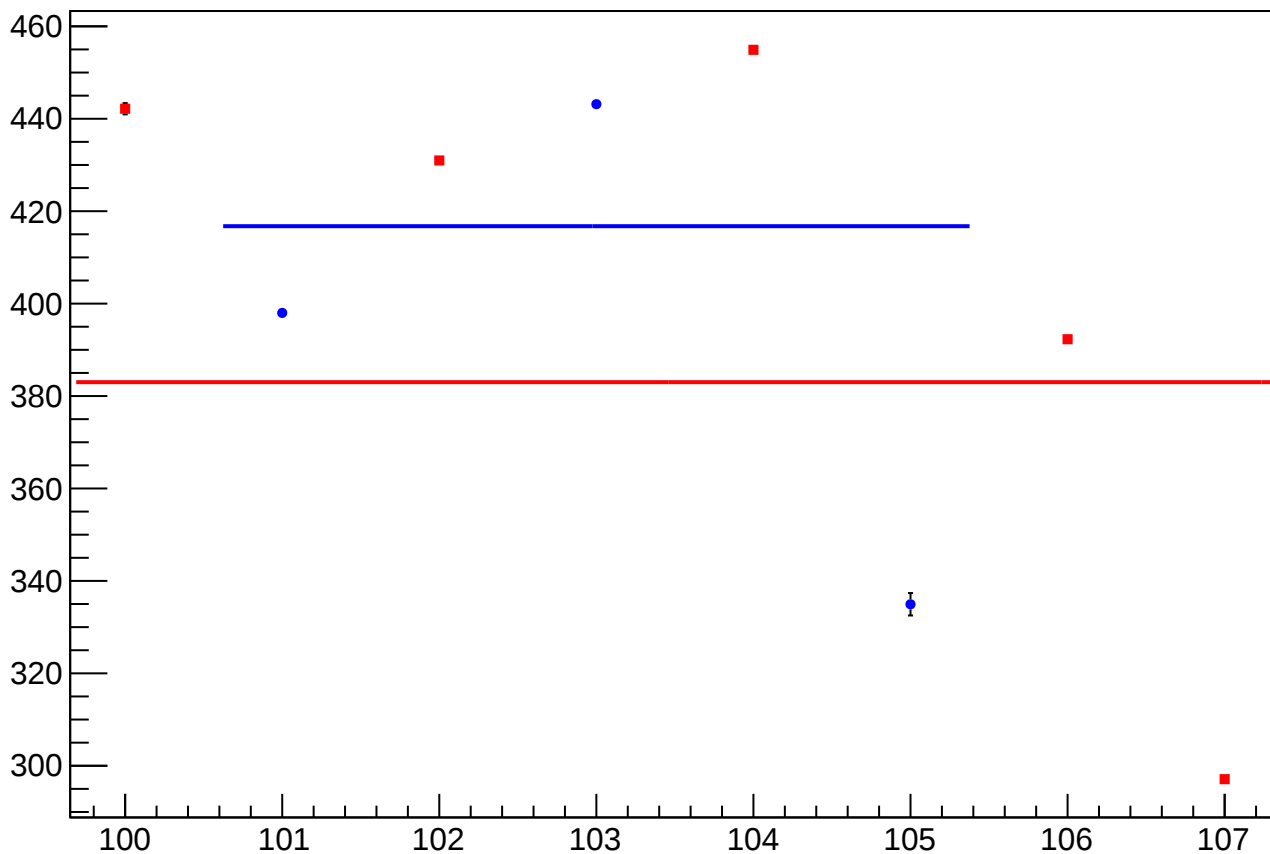
Right Out: -412.631+/-294.923 χ^2 /NDF: 16.5/4

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

-614.248+/-388.579 χ^2 /NDF: 5.2/2

-412.631+/-294.923 χ^2 /NDF: 16.5/4

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

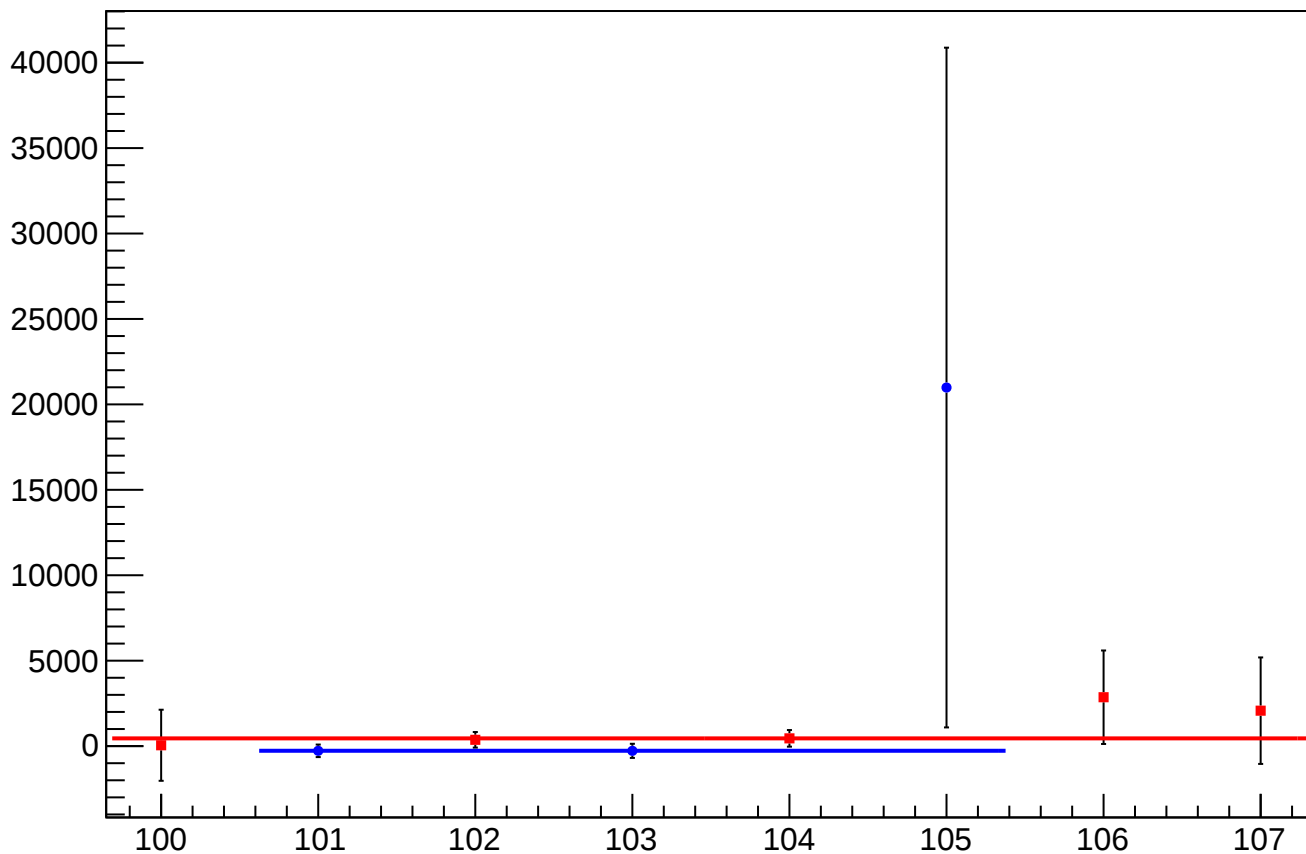
Right Out: 383.007 $\pm$ 0.209 χ^2 /NDF: 99640.3/4

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

416.754 $\pm$ 0.275 χ^2 /NDF: 7722.3/2

383.007 $\pm$ 0.209 χ^2 /NDF: 99640.3/4

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

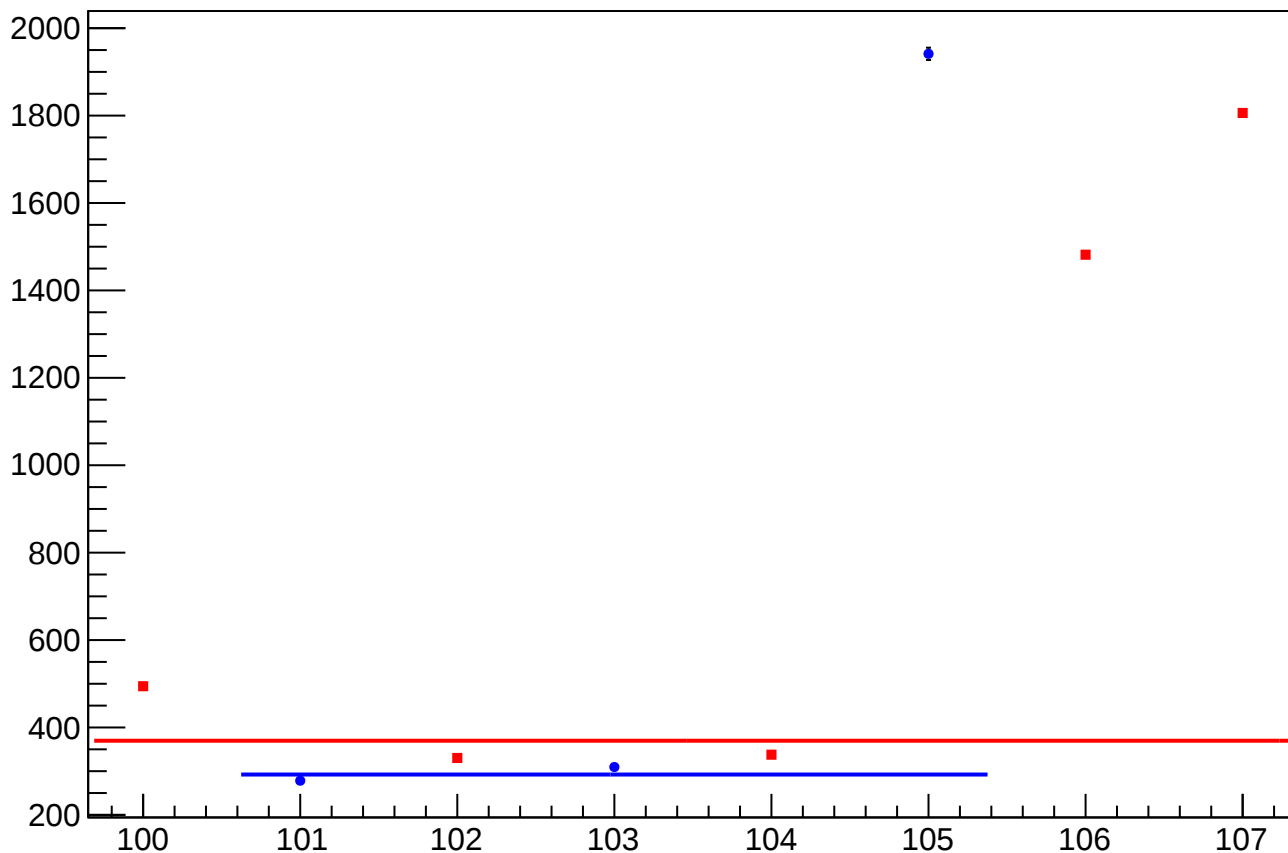
Right Out: 452.458+/-324.216 χ^2/NDF : 1.1/4

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

-272.401+/-274.330 χ^2/NDF : 1.1/2

452.458+/-324.216 χ^2/NDF : 1.1/4

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

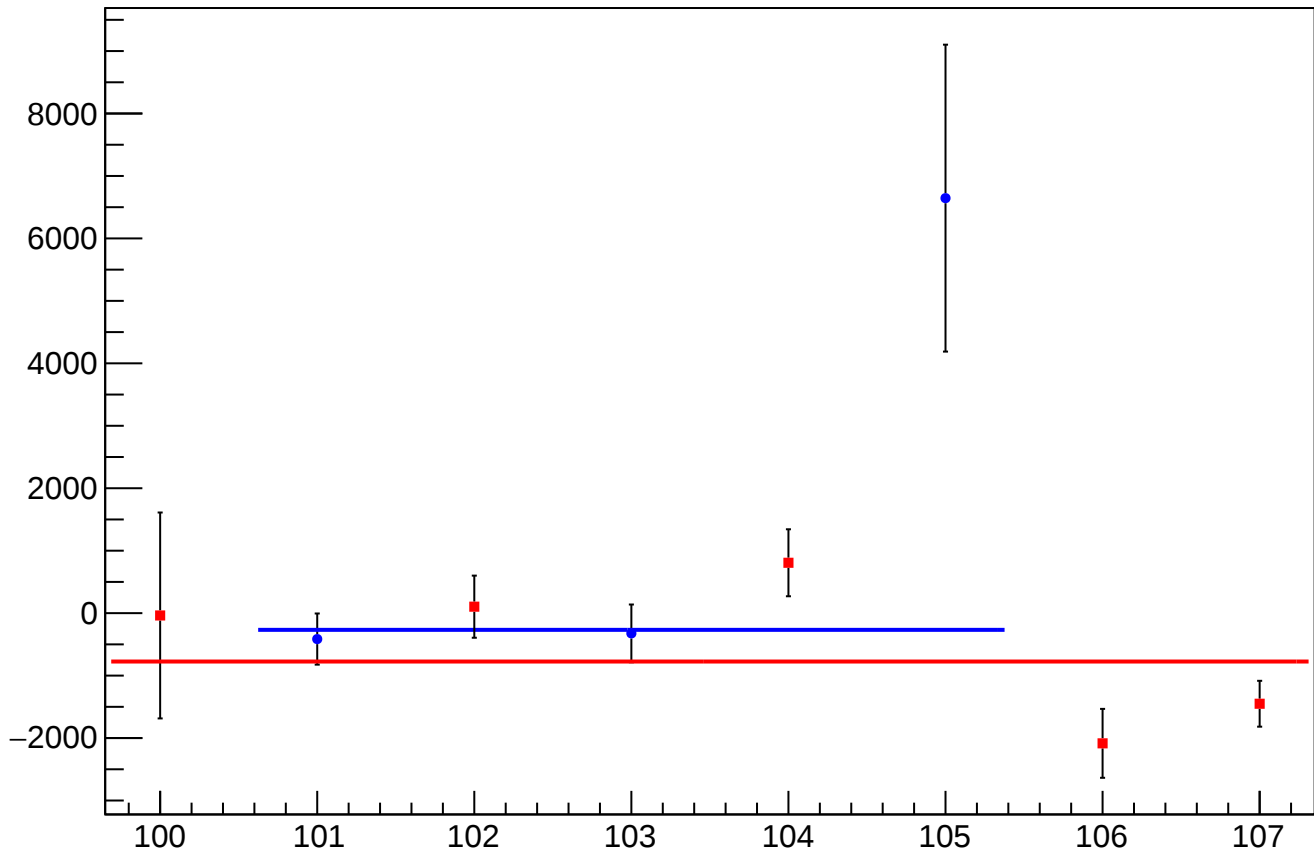
Right Out: 369.672+/-0.229 χ^2/NDF : 786209.4/4

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

292.322+/-0.194 χ^2/NDF : 20145.2/2

369.672+/-0.229 χ^2/NDF : 786209.4/4

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

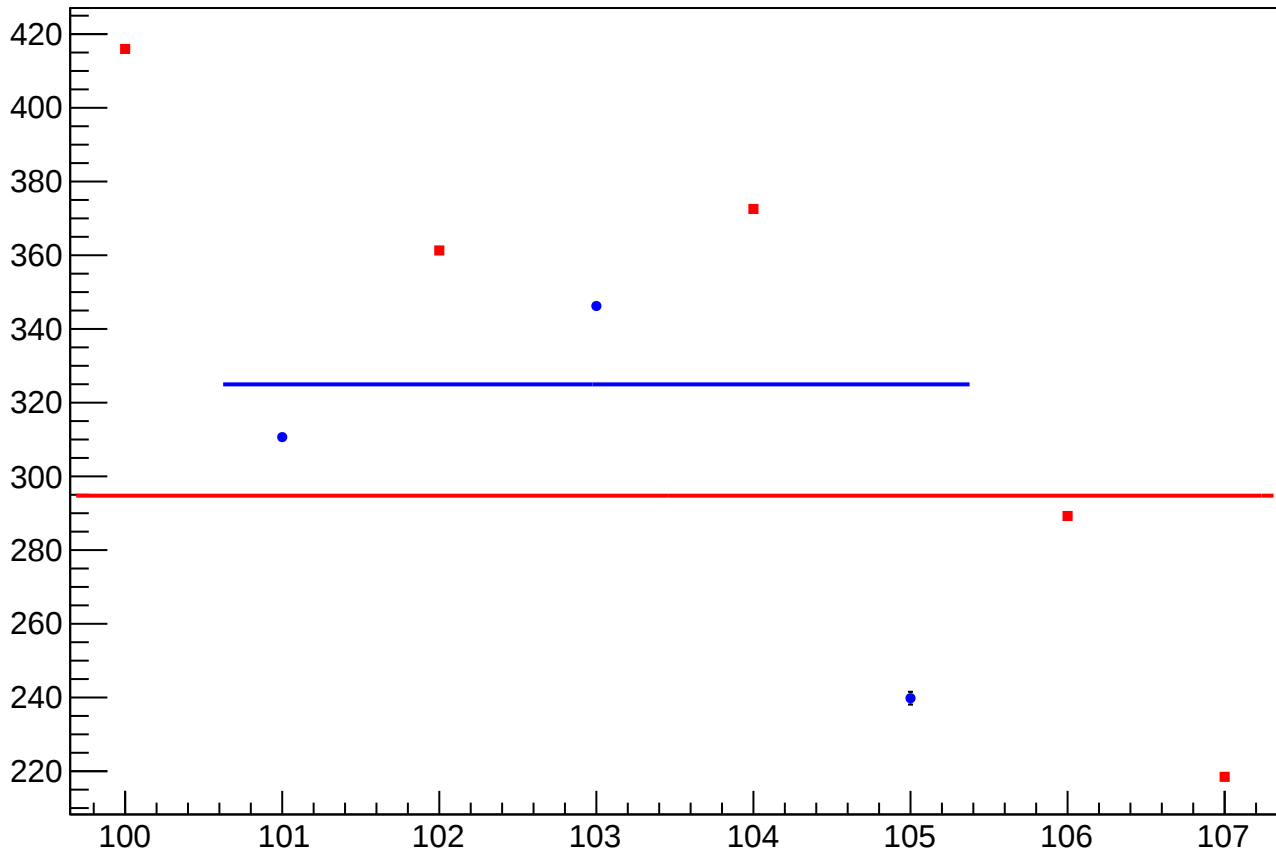
Right Out: -774.649+/-231.947 χ^2 /NDF: 21.0/4

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

-267.453+/-304.162 χ^2 /NDF: 8.1/2

-774.649+/-231.947 χ^2 /NDF: 21.0/4

asym_bpm0l04WS_rms vs slug



Right In: 324.963 $\pm$ 0.215 χ^2 /NDF: 9076.4/2

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

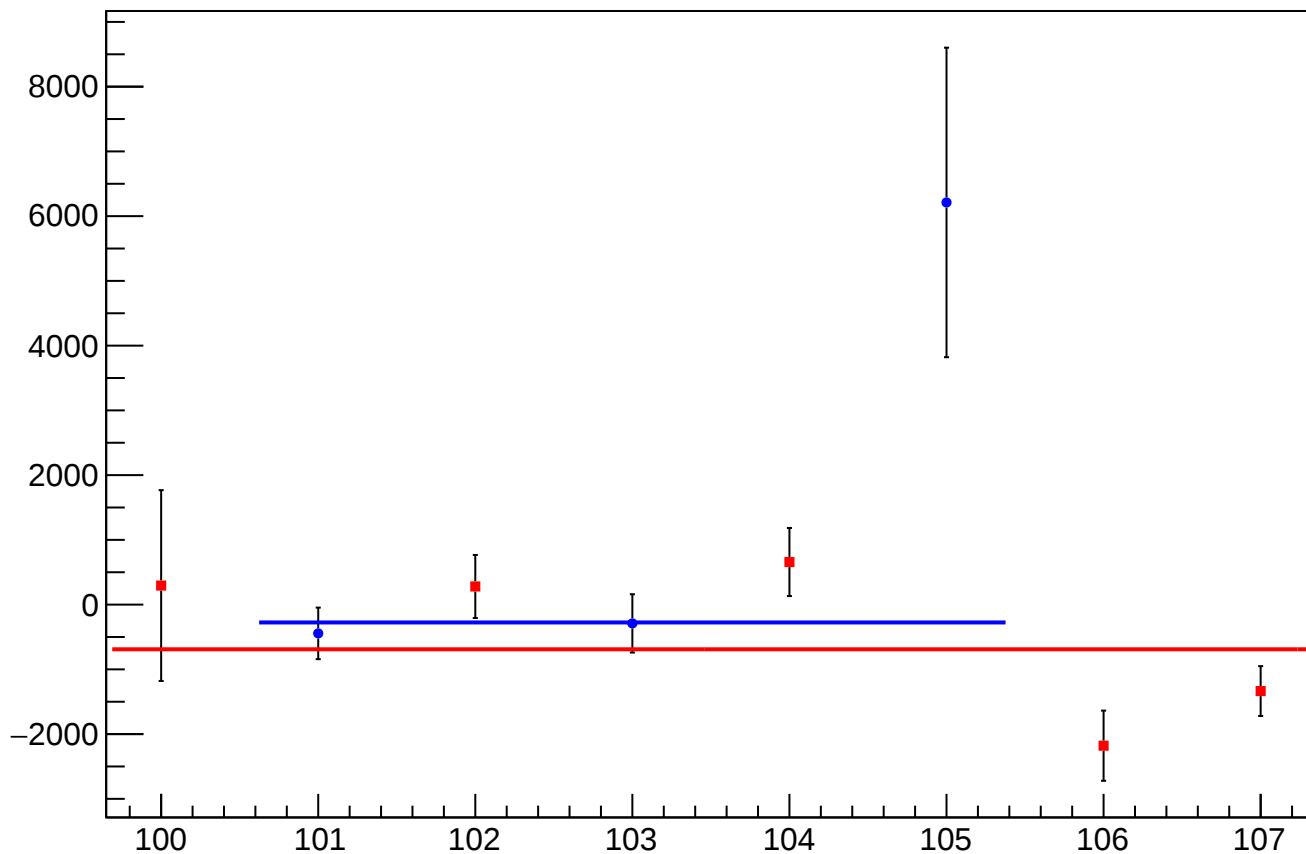
324.963 $\pm$ 0.215 χ^2 /NDF: 9076.4/2

Right Out: 294.762 $\pm$ 0.164 χ^2 /NDF: 175205.3/4

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

294.762 $\pm$ 0.164 χ^2 /NDF: 175205.3/4

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

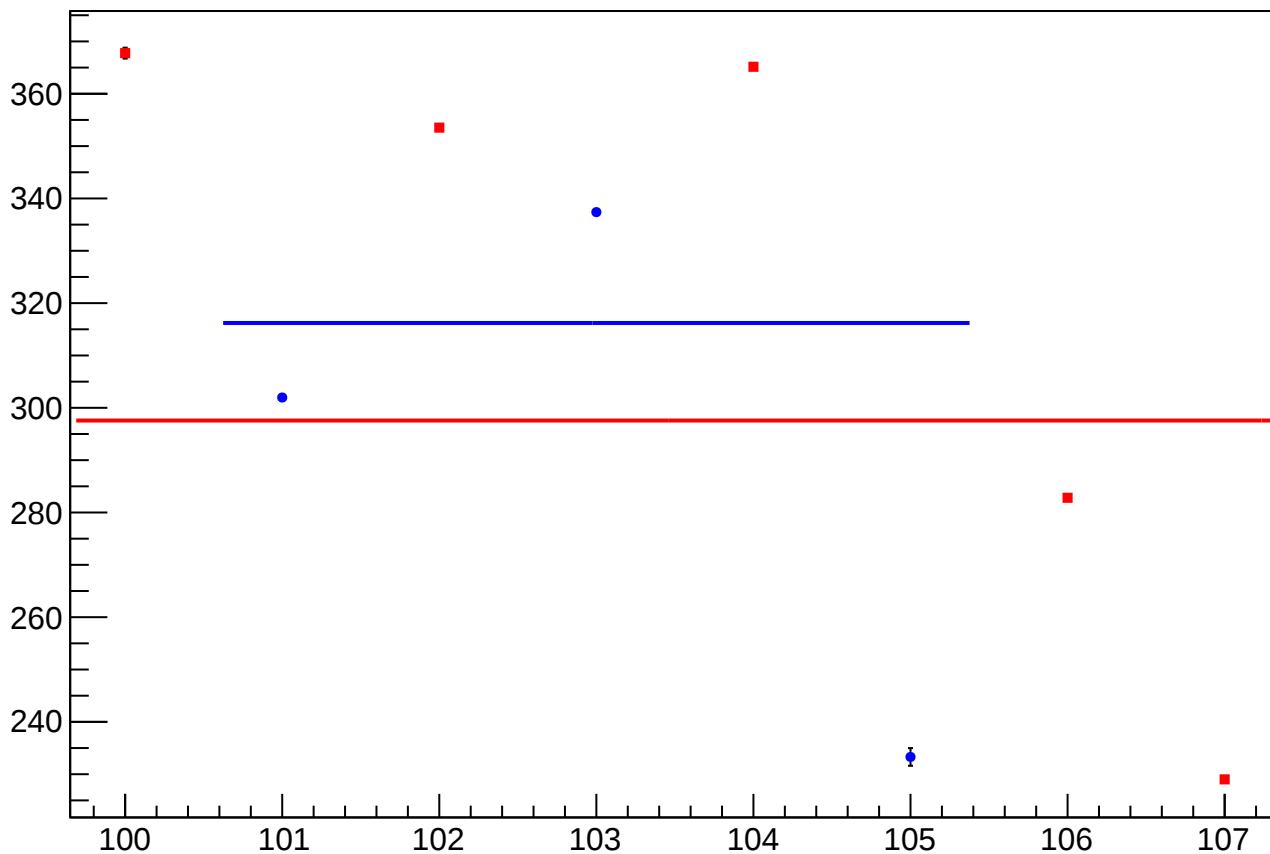
Right Out: -690.014+/-232.829 χ^2 /NDF: 21.3/4

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

-275.539+/-296.081 χ^2 /NDF: 7.5/2

-690.014+/-232.829 χ^2 /NDF: 21.3/4

asym_bpm0l05WS_rms vs slug



Right In: 316.208+/-0.209 χ^2/NDF : 9383.2/2

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

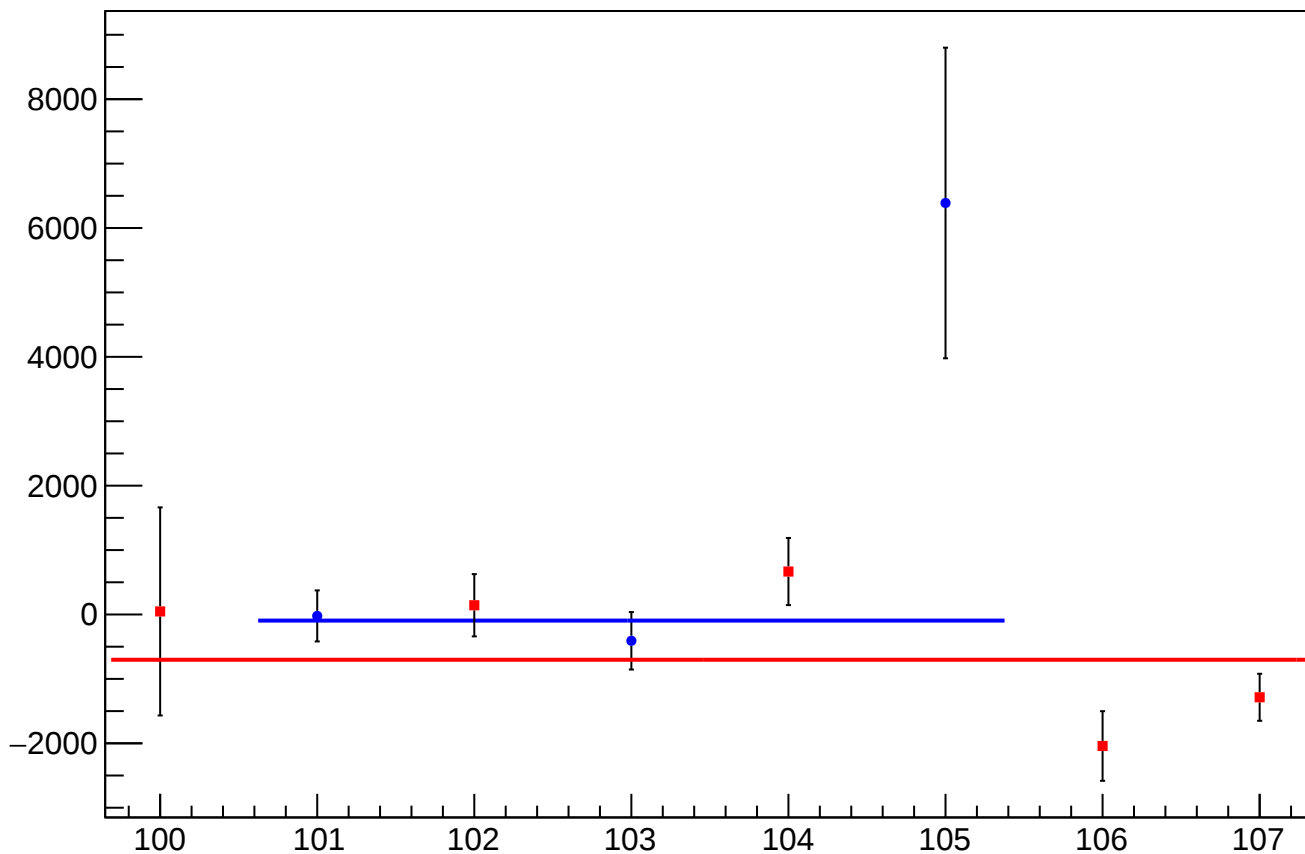
Right Out: 297.573+/-0.165 χ^2/NDF : 128910.0/4

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

316.208+/-0.209 χ^2/NDF : 9383.2/2

297.573+/-0.165 χ^2/NDF : 128910.0/4

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

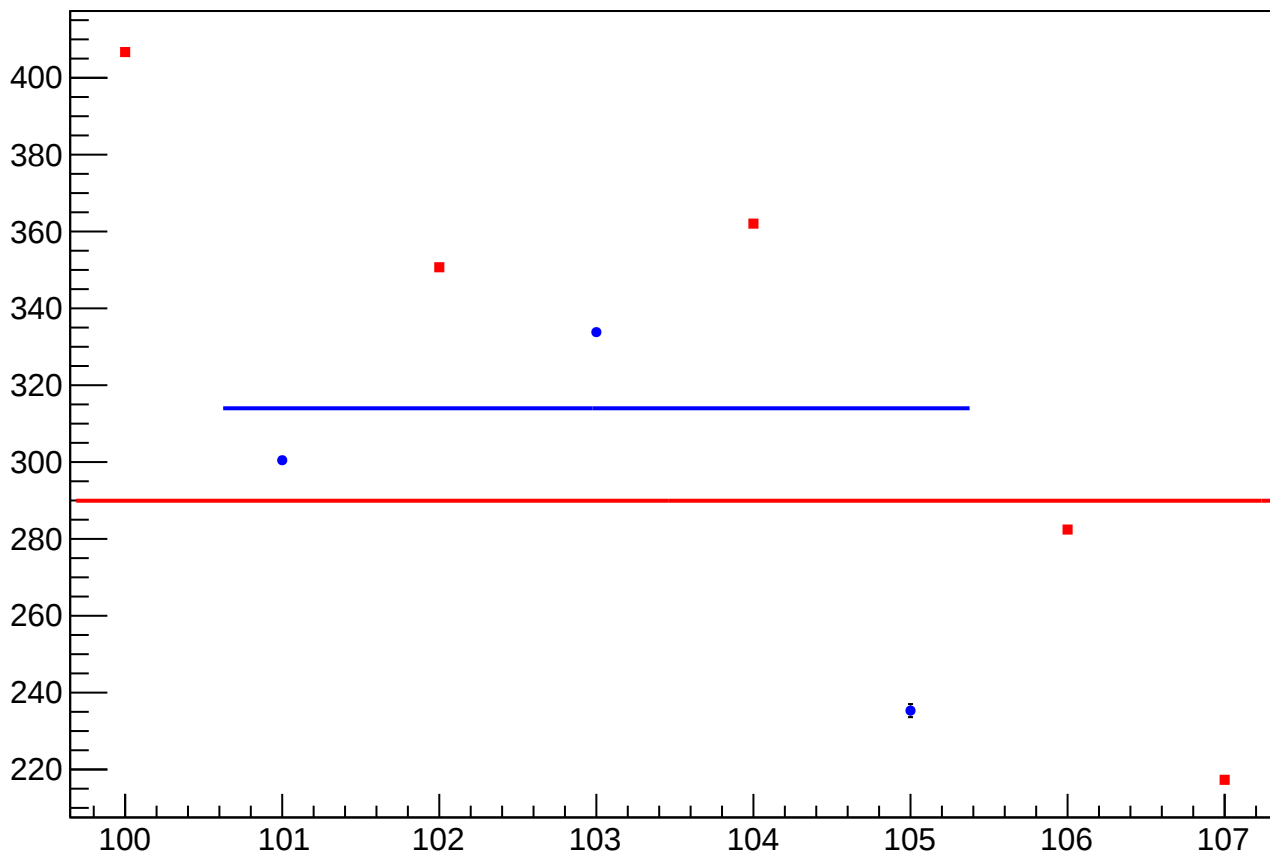
Right Out: -703.026 ± 227.809 χ^2/NDF : 18.9/4

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

-94.759 ± 293.943 χ^2/NDF : 7.8/2

-703.026 ± 227.809 χ^2/NDF : 18.9/4

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

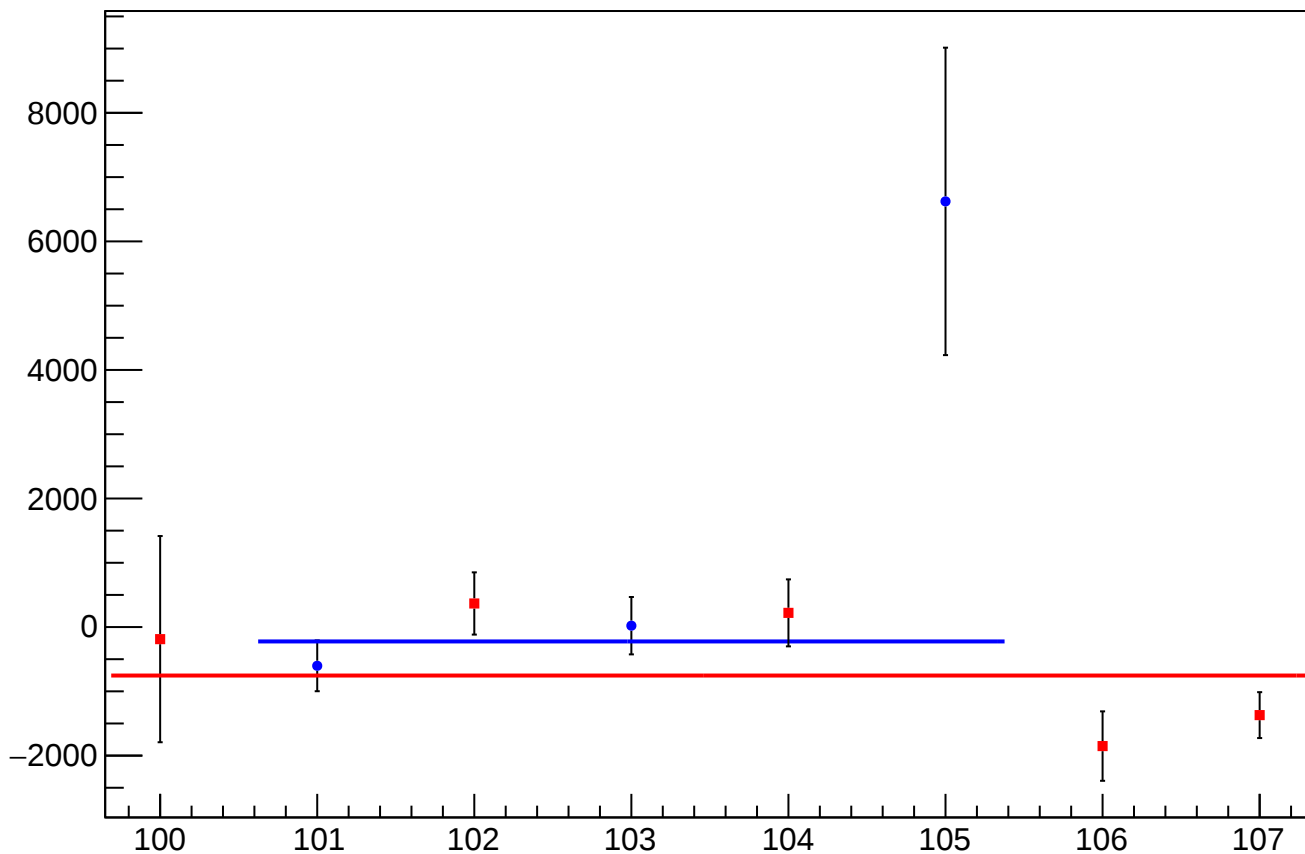
Right Out: 289.938 $\pm$ 0.161 χ^2 /NDF: 159825.1/4

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

313.996 $\pm$ 0.208 χ^2 /NDF: 8407.0/2

289.938 $\pm$ 0.161 χ^2 /NDF: 159825.1/4

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

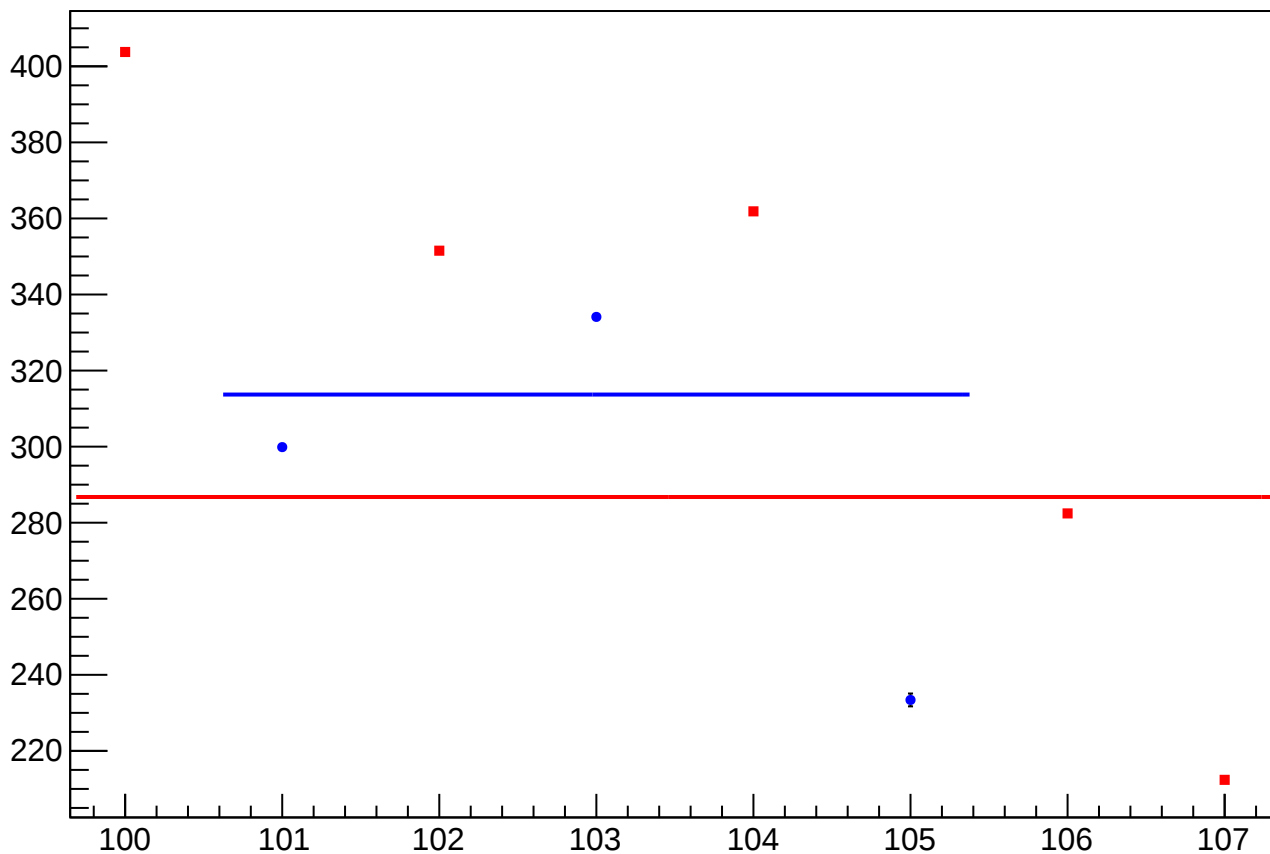
Right Out: -754.152+/-225.807 χ^2 /NDF: 16.1/4

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

-223.701+/-293.661 χ^2 /NDF: 9.4/2

-754.152+/-225.807 χ^2 /NDF: 16.1/4

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

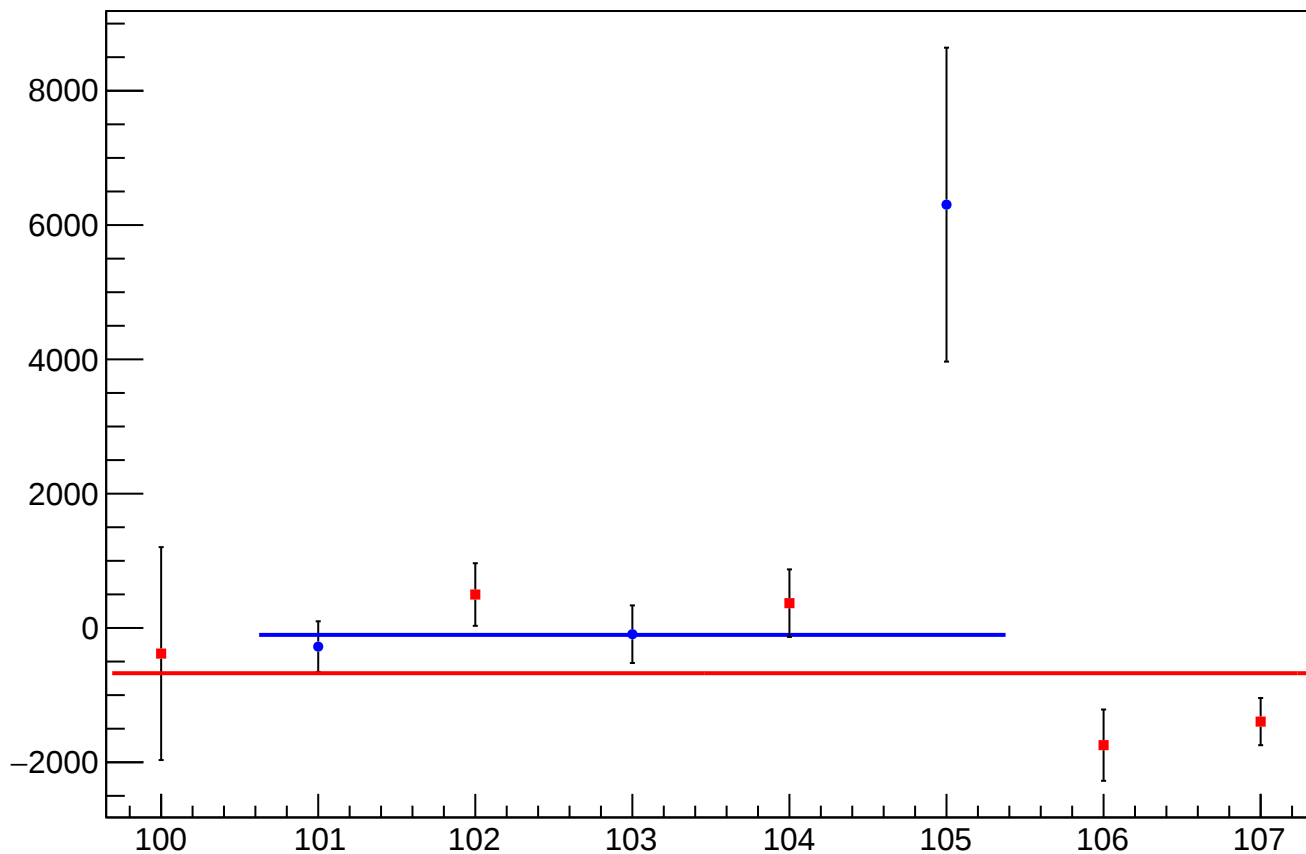
313.696 $\pm$ 0.208 χ^2 /NDF: 8886.2/2

Right Out: 286.759 $\pm$ 0.160 χ^2 /NDF: 174911.1/4

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

286.759 $\pm$ 0.160 χ^2 /NDF: 174911.1/4

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

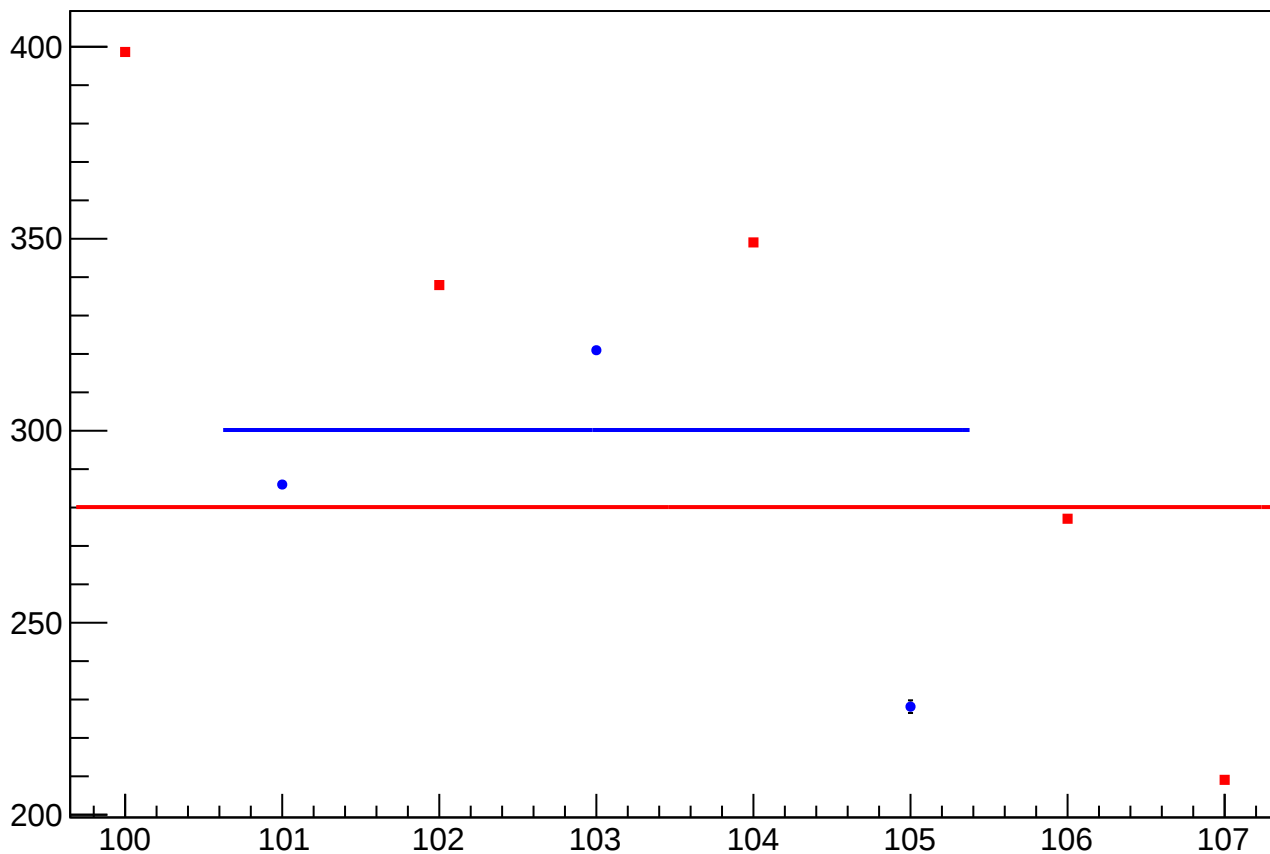
Right Out: -673.603+/-220.320 χ^2 /NDF: 18.9/4

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

-102.833+/-281.216 χ^2 /NDF: 7.7/2

-673.603+/-220.320 χ^2 /NDF: 18.9/4

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

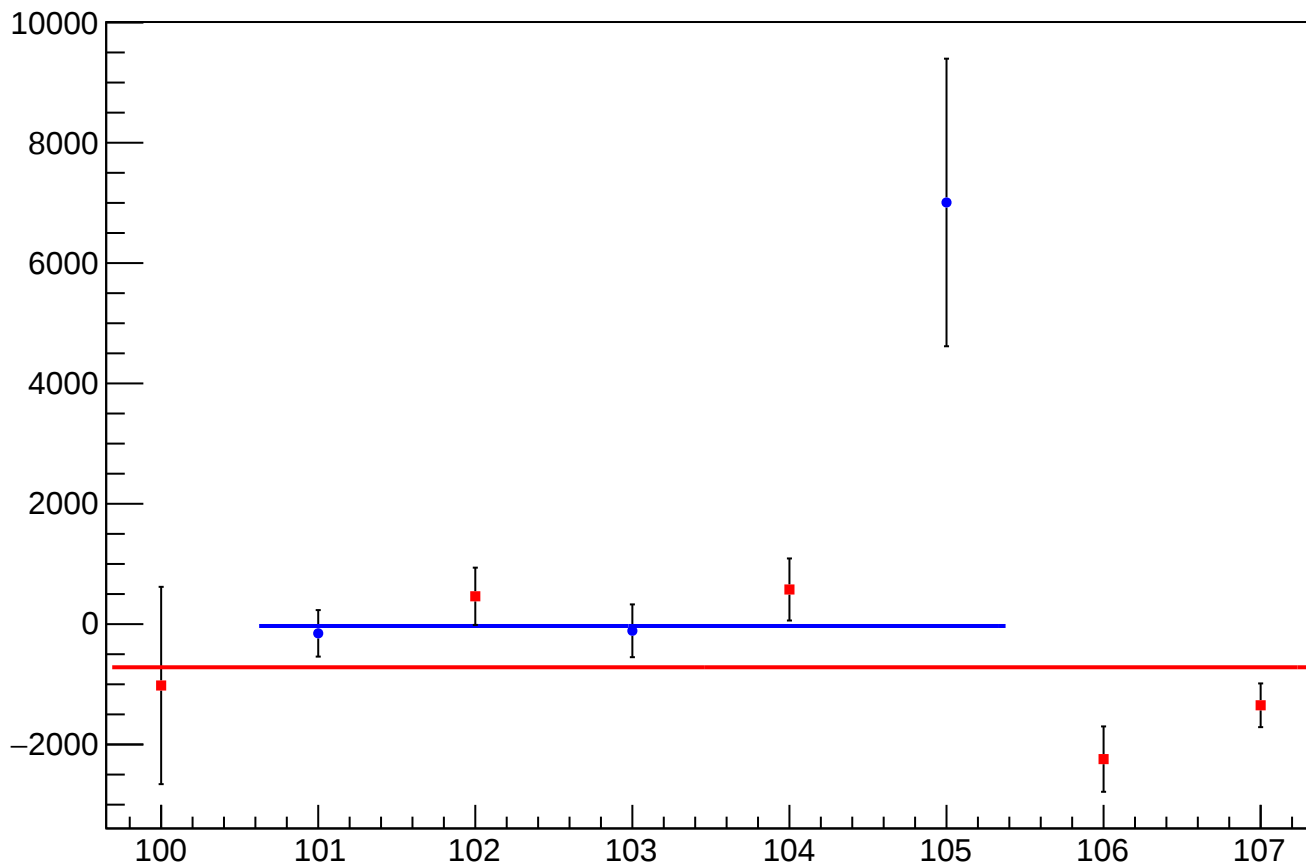
Right Out: 280.121+/-0.156 χ^2/NDF : 161311.4/4

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

300.194+/-0.199 χ^2/NDF : 9428.7/2

280.121+/-0.156 χ^2/NDF : 161311.4/4

asym_bpm0l09WS_mean vs slug



Right In: -30.930+/-287.906 χ^2/NDF : 8.8/2

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

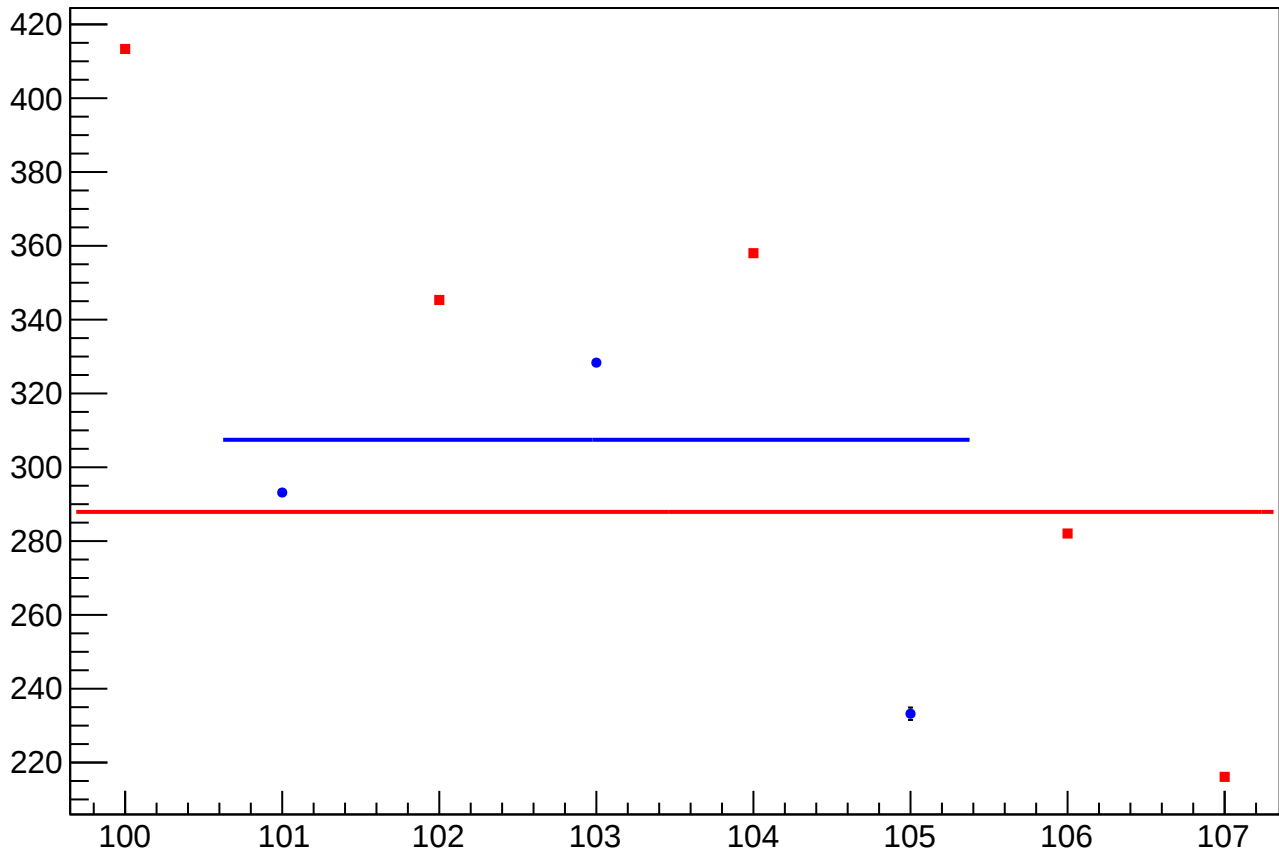
Right Out: -716.895+/-226.362 χ^2/NDF : 23.4/4

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

-30.930+/-287.906 χ^2/NDF : 8.8/2

-716.895+/-226.362 χ^2/NDF : 23.4/4

asym_bpm0l09WS_rms vs slug



Right In: 307.449+/-0.204 χ^2/NDF : 9204.0/2

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

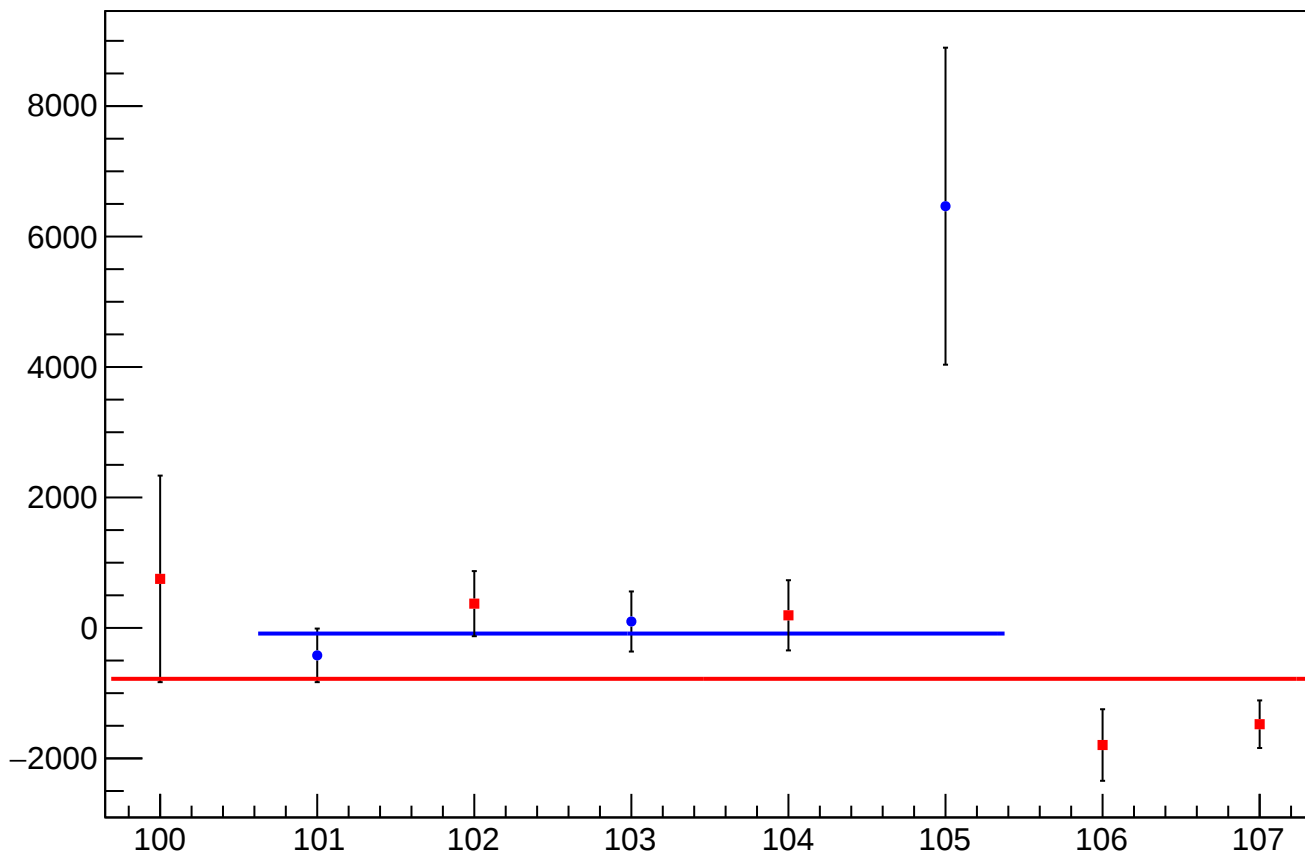
307.449+/-0.204 χ^2/NDF : 9204.0/2

Right Out: 287.910+/-0.160 χ^2/NDF : 156141.3/4

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

287.910+/-0.160 χ^2/NDF : 156141.3/4

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

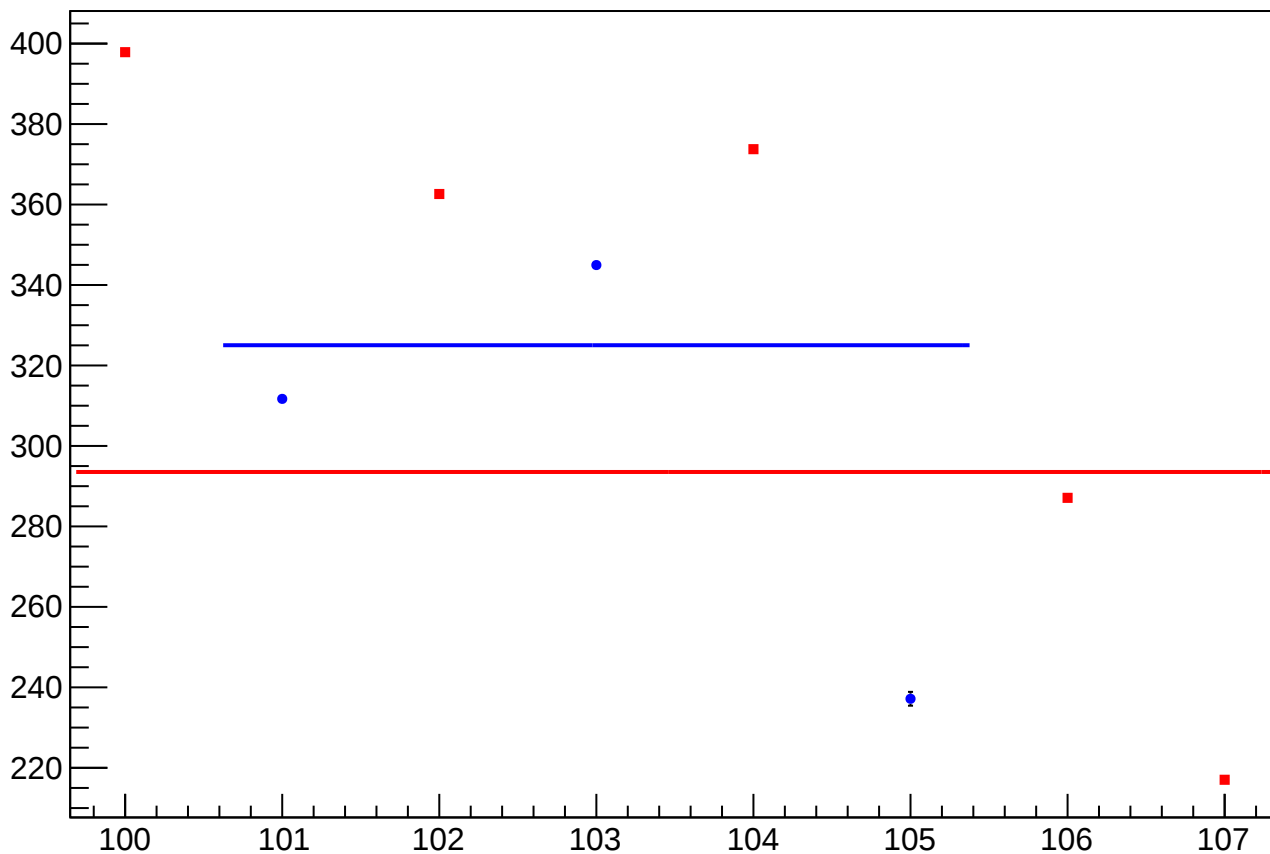
Right Out: -780.267+/-231.221 χ^2/NDF : 16.6/4

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

-86.280+/-304.176 χ^2/NDF : 8.1/2

-780.267+/-231.221 χ^2/NDF : 16.6/4

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

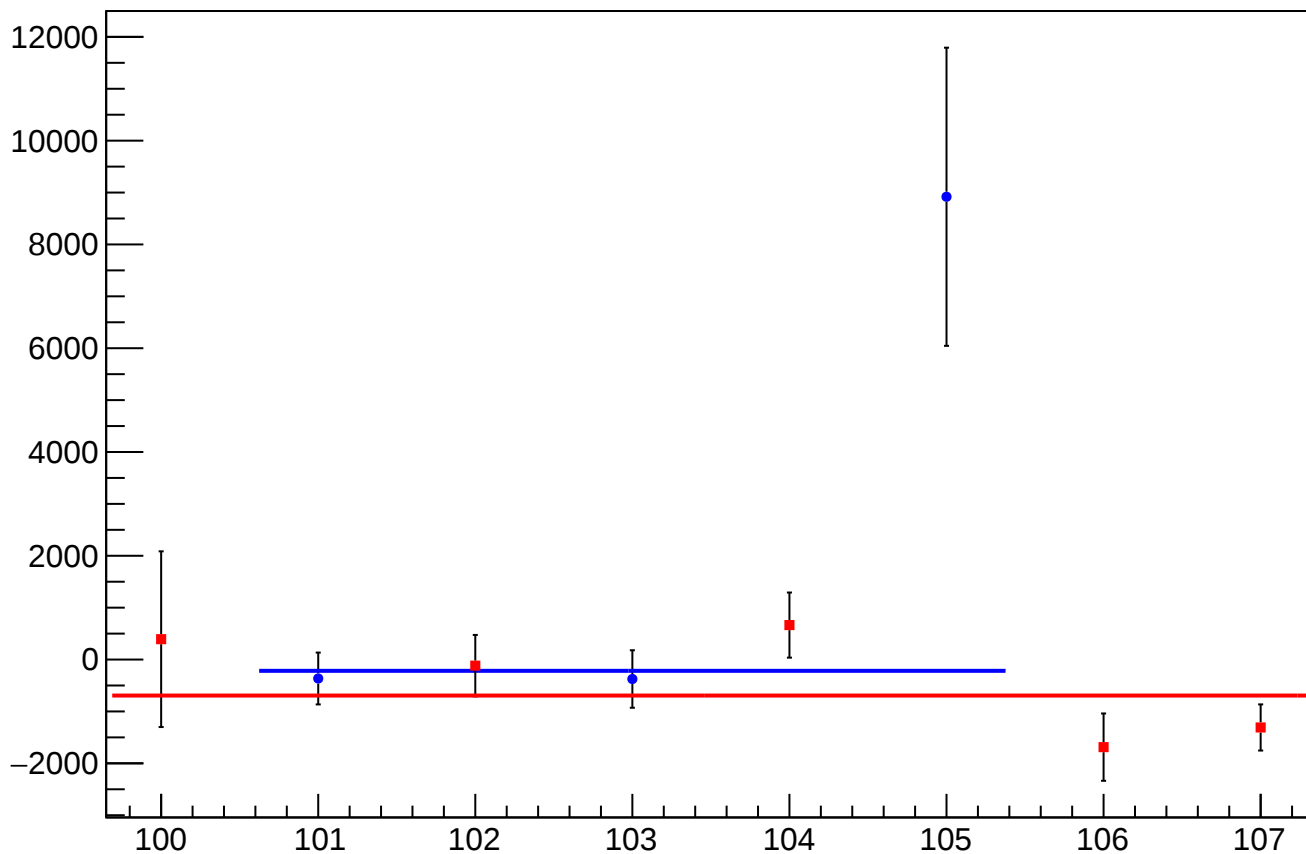
325.032 $\pm$ 0.215 χ^2 /NDF: 8464.3/2

Right Out: 293.529 $\pm$ 0.163 χ^2 /NDF: 179679.2/4

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

293.529 $\pm$ 0.163 χ^2 /NDF: 179679.2/4

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

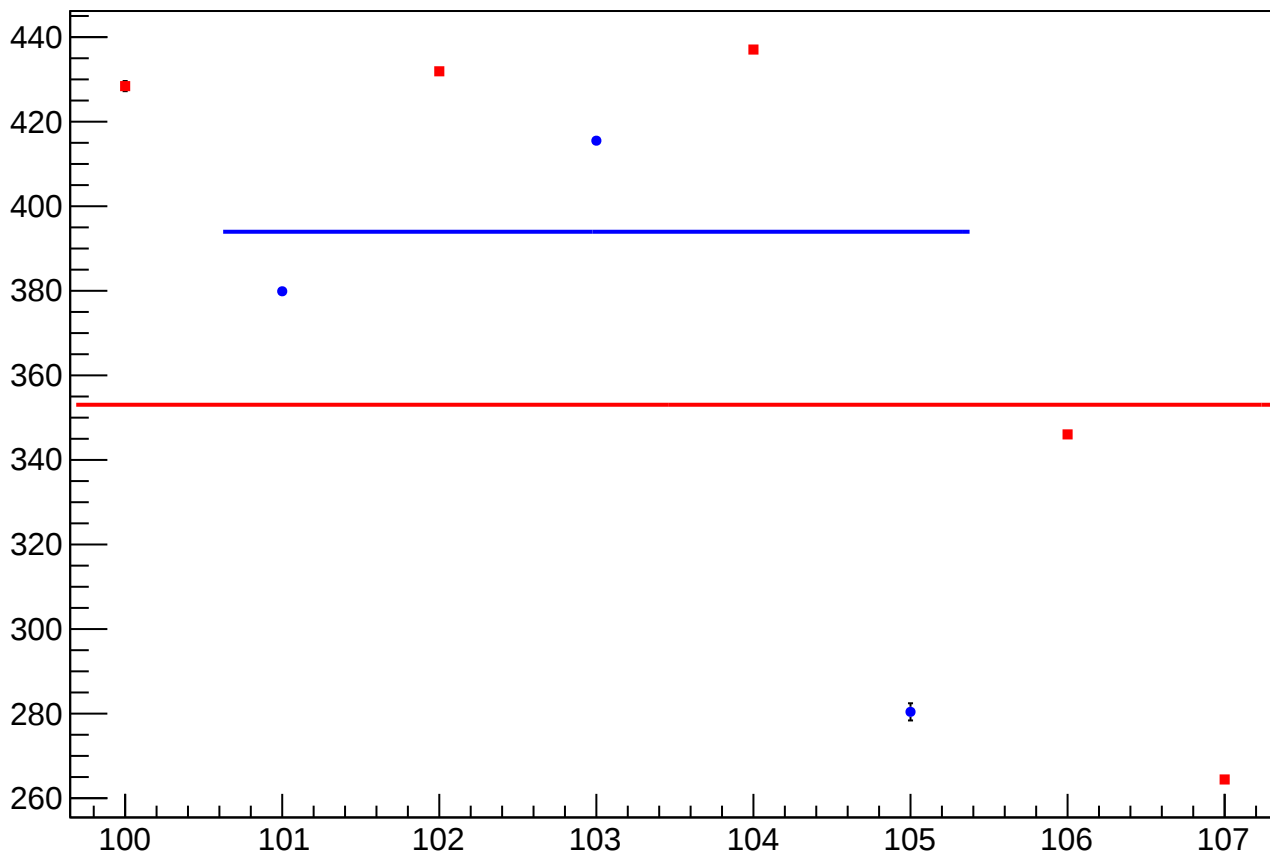
Right Out: -693.668+/-275.492 χ^2 /NDF: 10.3/4

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

-217.236+/-367.966 χ^2 /NDF: 10.3/2

-693.668+/-275.492 χ^2 /NDF: 10.3/4

asym_bpm0r03WS_rms vs slug



Right In: 393.967+/-0.260 χ^2/NDF : 7735.1/2

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

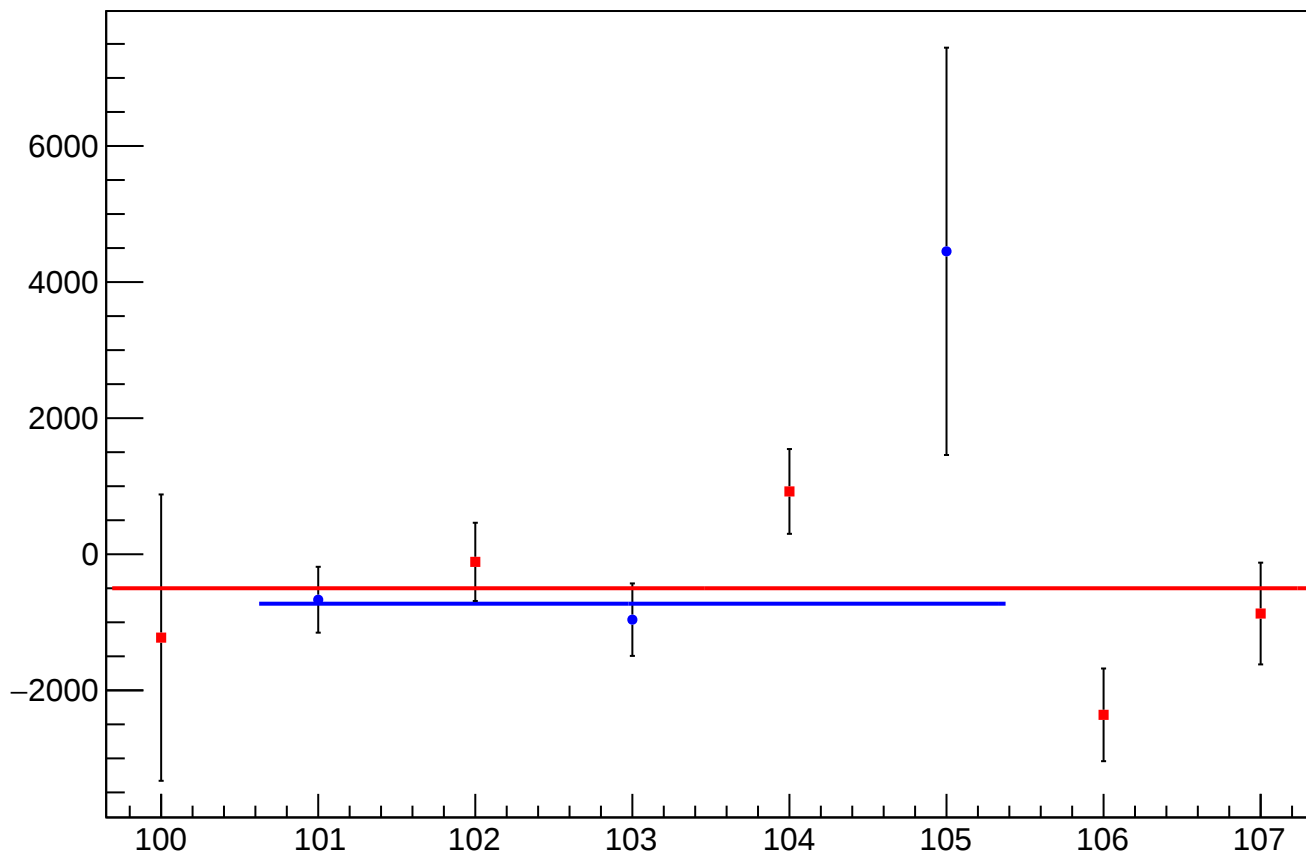
393.967+/-0.260 χ^2/NDF : 7735.1/2

Right Out: 353.051+/-0.195 χ^2/NDF : 154990.5/4

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

353.051+/-0.195 χ^2/NDF : 154990.5/4

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

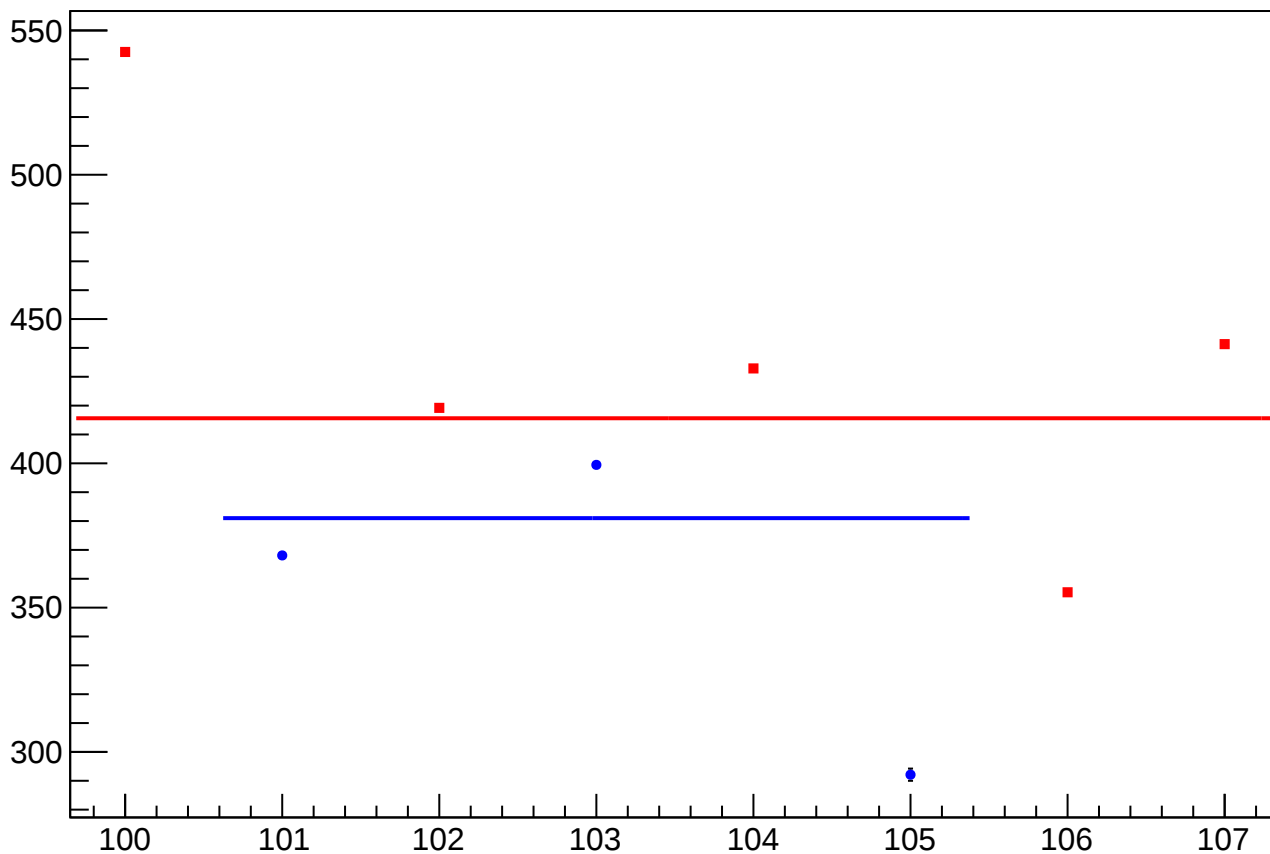
Right Out: -499.655+/-319.884 χ^2/NDF : 13.5/4

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

-726.647+/-355.640 χ^2/NDF : 3.2/2

-499.655+/-319.884 χ^2/NDF : 13.5/4

asym_bpm0r05WS_rms vs slug



Right In: 381.007+/-0.251 χ^2/NDF : 5592.6/2

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

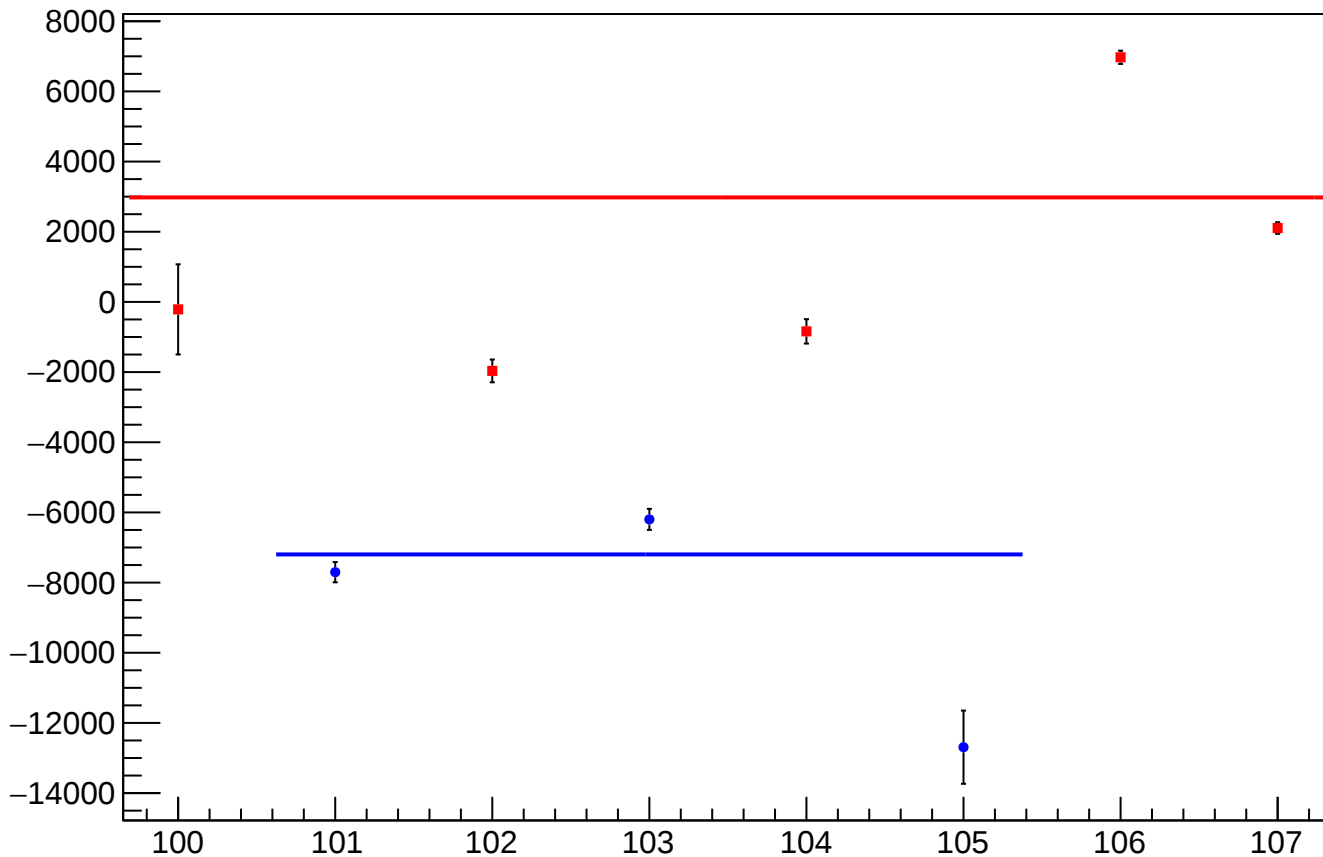
Right Out: 415.619+/-0.226 χ^2/NDF : 26928.3/4

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

381.007+/-0.251 χ^2/NDF : 5592.6/2

415.619+/-0.226 χ^2/NDF : 26928.3/4

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

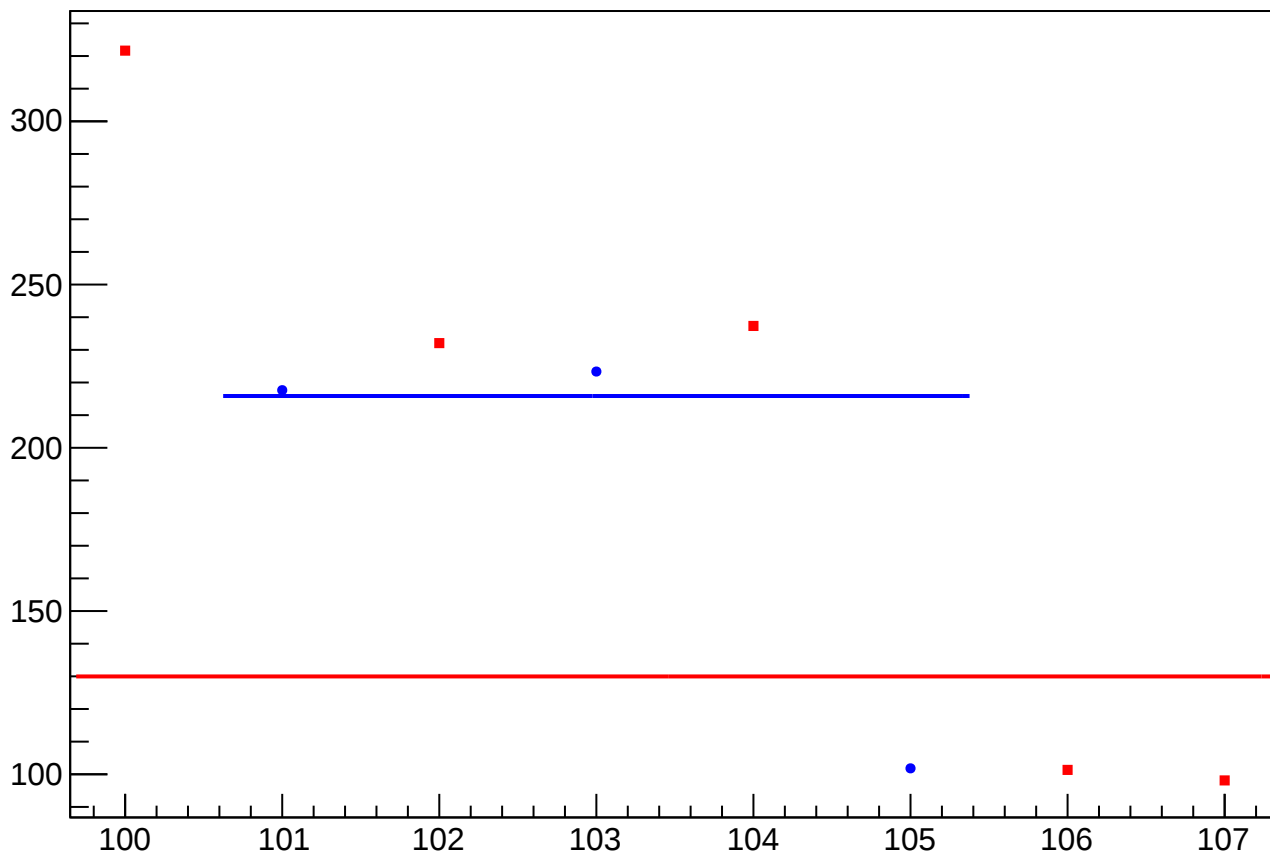
Right Out: 2977.912 $\pm$ 109.761 χ^2 /NDF: 833.7/4

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

-7197.219 $\pm$ 204.066 χ^2 /NDF: 41.9/2

2977.912 $\pm$ 109.761 χ^2 /NDF: 833.7/4

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

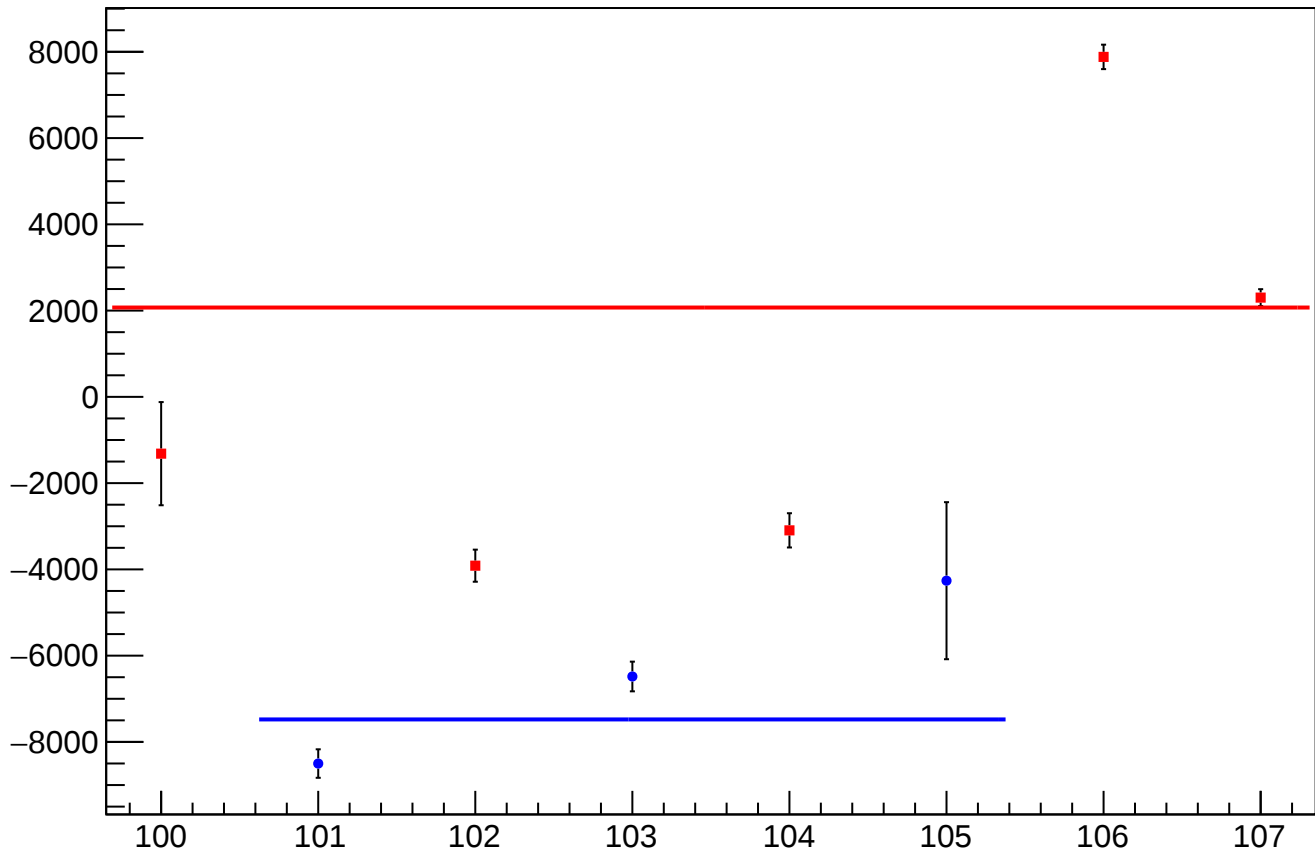
Right Out: 129.969 $\pm$ 0.078 χ^2 /NDF: 552480.7/4

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

215.864 $\pm$ 0.144 χ^2 /NDF: 25224.9/2

129.969 $\pm$ 0.078 χ^2 /NDF: 552480.7/4

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

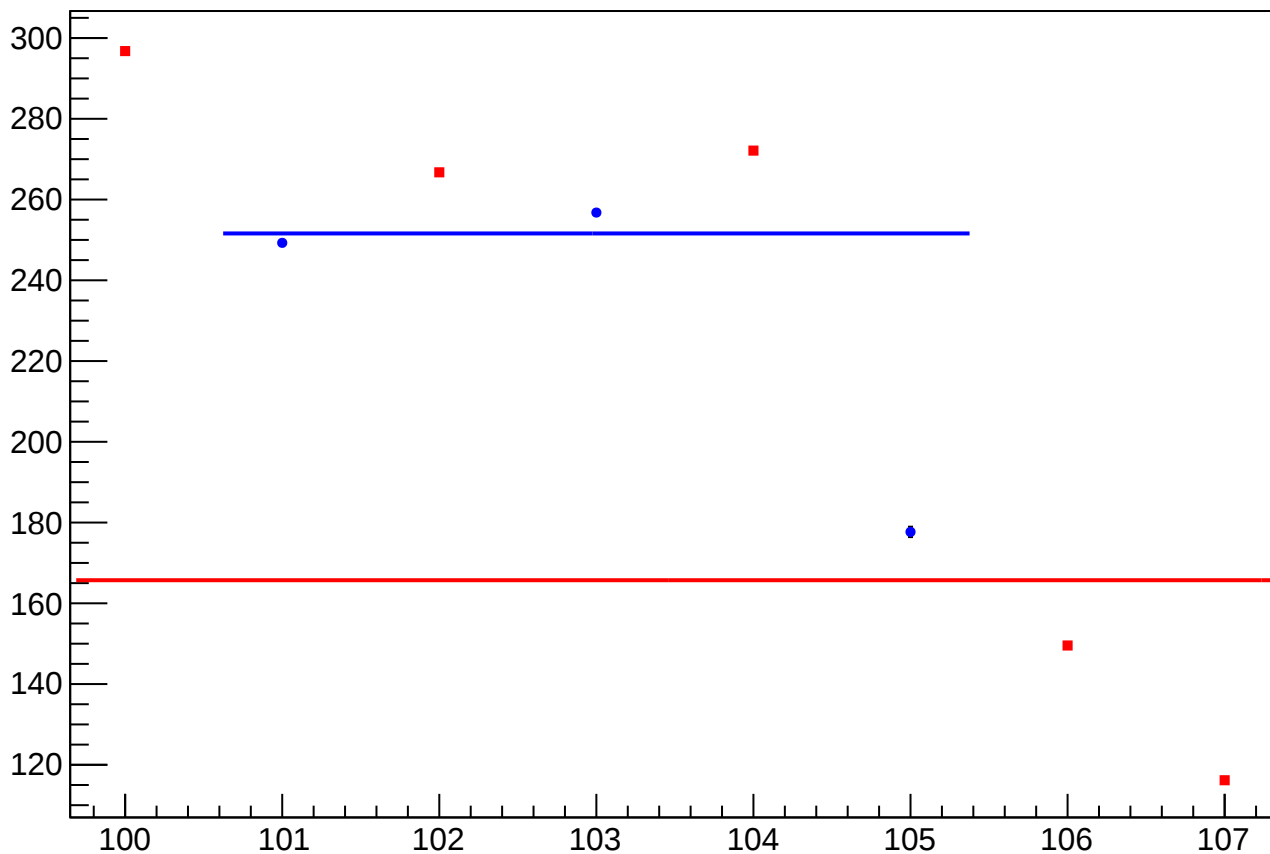
-7478.767 $\pm$ 236.328 χ^2 /NDF: 21.1/2

Right Out: 2071.147 $\pm$ 137.537 χ^2 /NDF: 858.1/4

2071.147 $\pm$ 137.537 χ^2 /NDF: 858.1/4

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

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

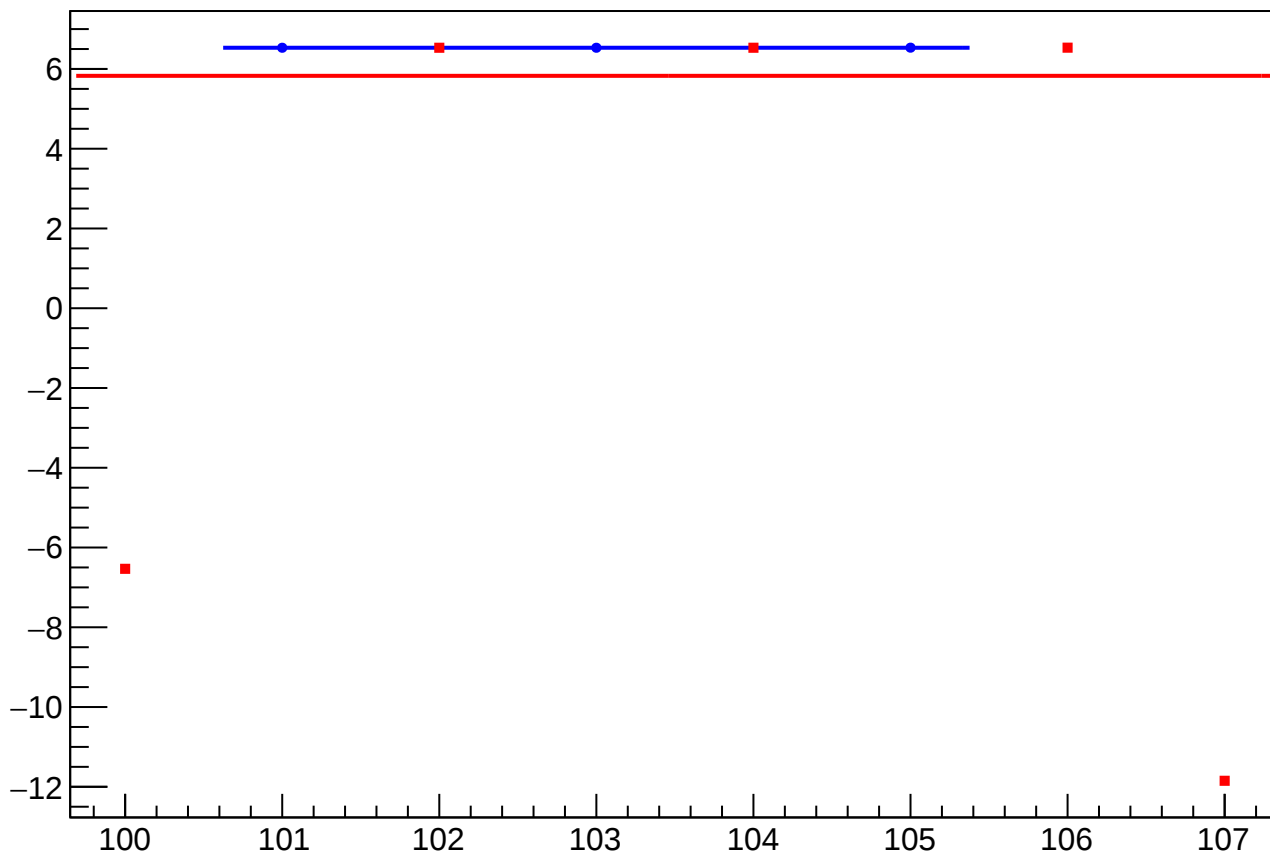
251.605 $\pm$ 0.167 χ^2 /NDF: 3847.6/2

Right Out: 165.718 $\pm$ 0.097 χ^2 /NDF: 449958.0/4

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

165.718 $\pm$ 0.097 χ^2 /NDF: 449958.0/4

yield_cav4bX_mean vs slug



Right In: 6.532+/-0.000 χ^2/NDF : 2830685.7/2

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

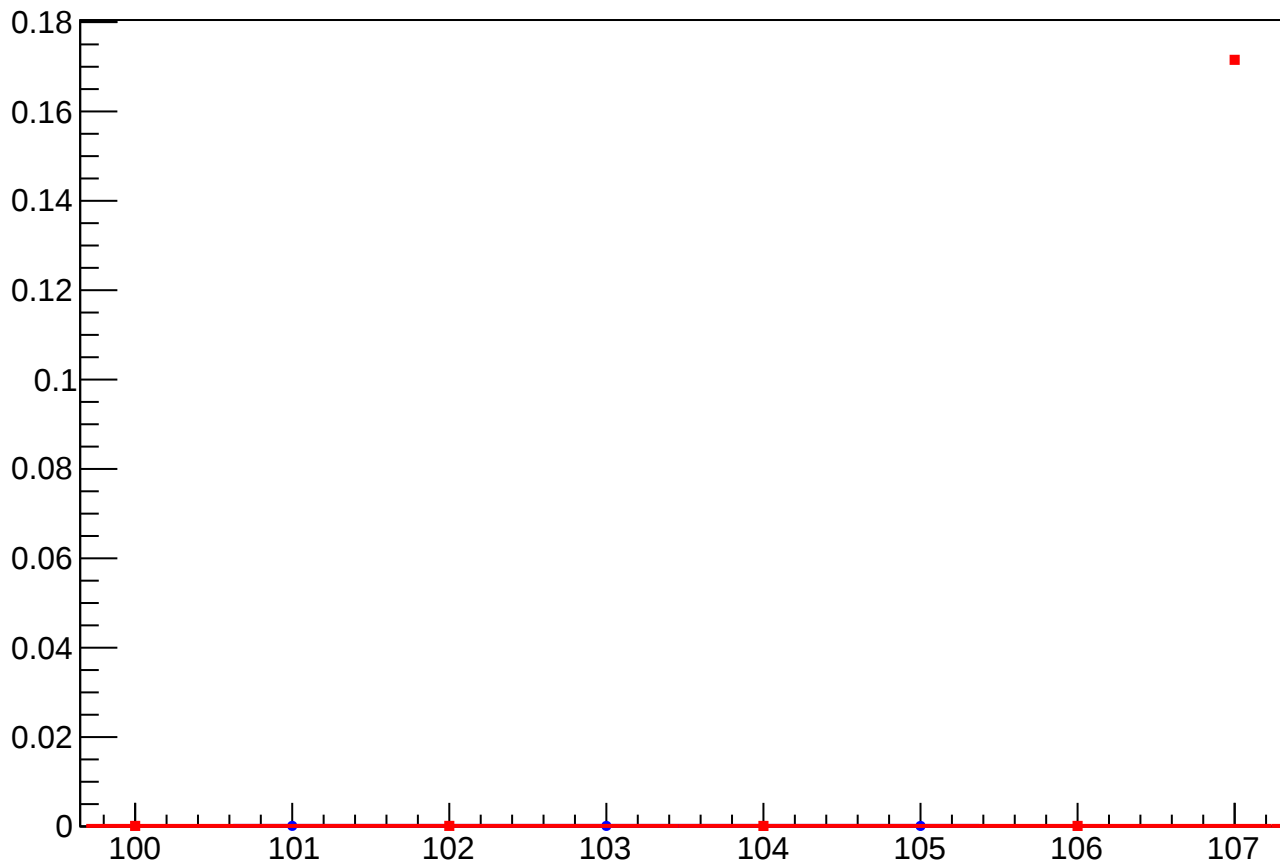
Right Out: 5.828+/-0.000 χ^2/NDF : 755838058053350.9/4

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

6.532+/-0.000 χ^2/NDF : 2830685.7/2

5.828+/-0.000 χ^2/NDF : 755838058053350.9/4

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

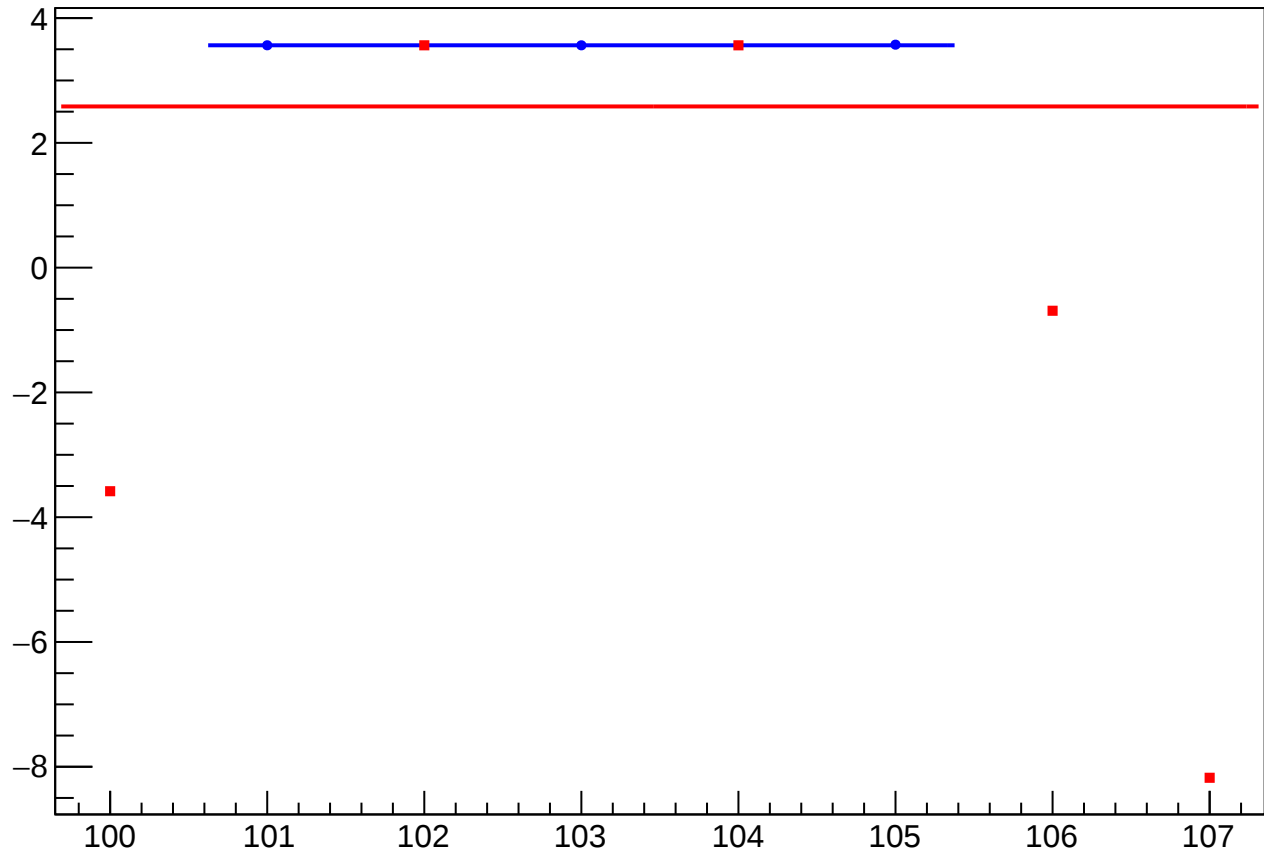
Right Out: 0.000+/-0.000 χ^2/NDF : 286410.6/4

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 : 286410.6/4

yield_cav4bY_mean vs slug



Right In: 3.564 $\pm$ 0.000 χ^2 /NDF: 279810487.6/2

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

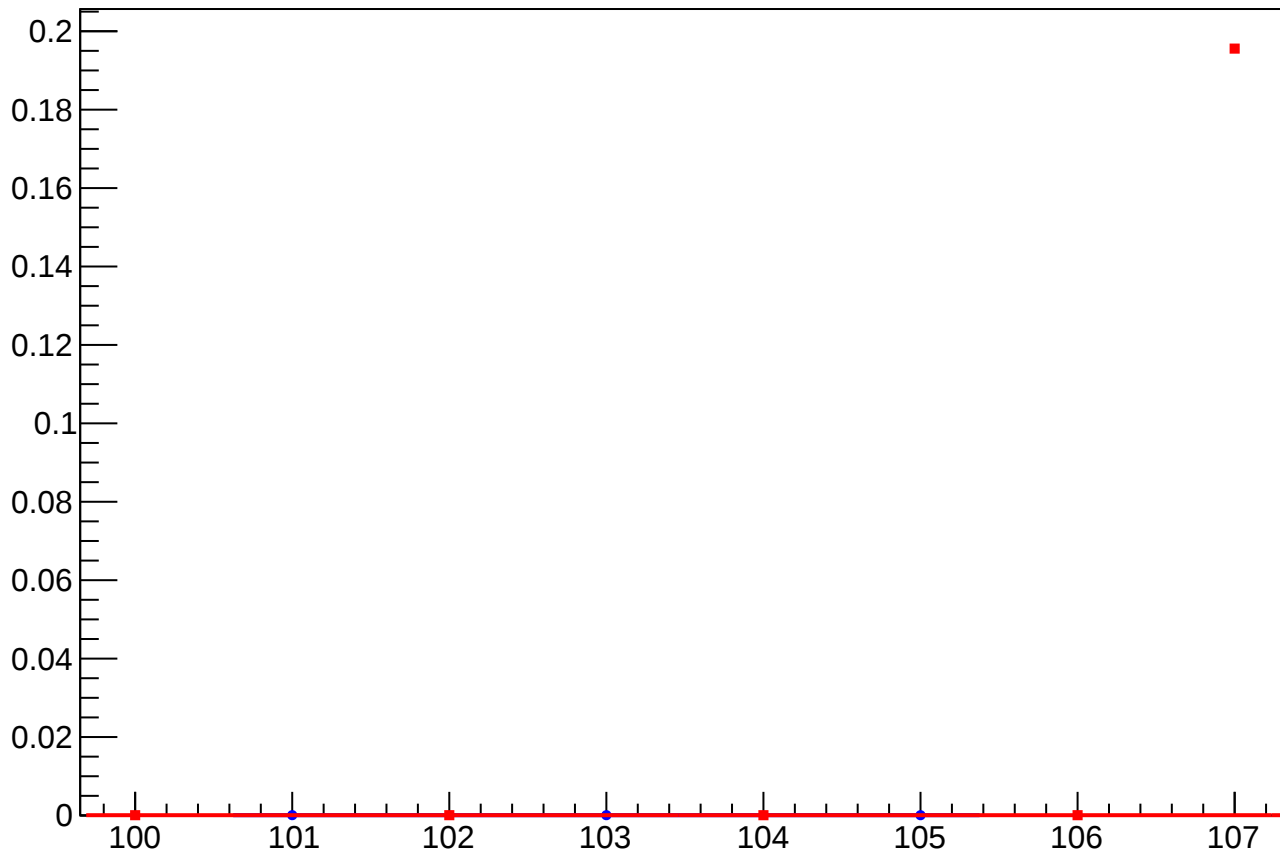
Right Out: 2.584 $\pm$ 0.000 χ^2 /NDF: 1253238726106388.0/4

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

3.564 $\pm$ 0.000 χ^2 /NDF: 279810487.6/2

2.584 $\pm$ 0.000 χ^2 /NDF: 1253238726106388.0/4

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

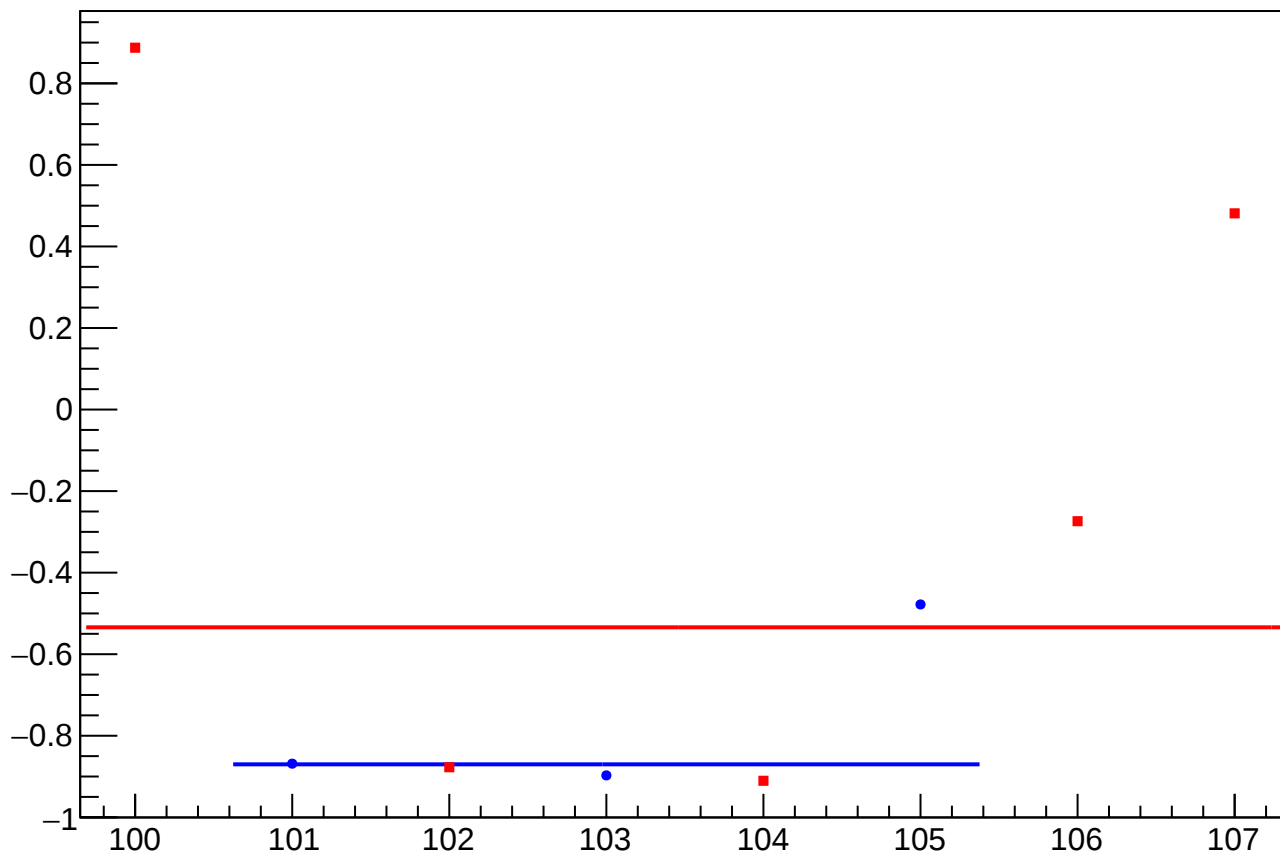
Right Out: 0.000+/-0.000 χ^2/NDF : 412337.0/4

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 : 412337.0/4

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

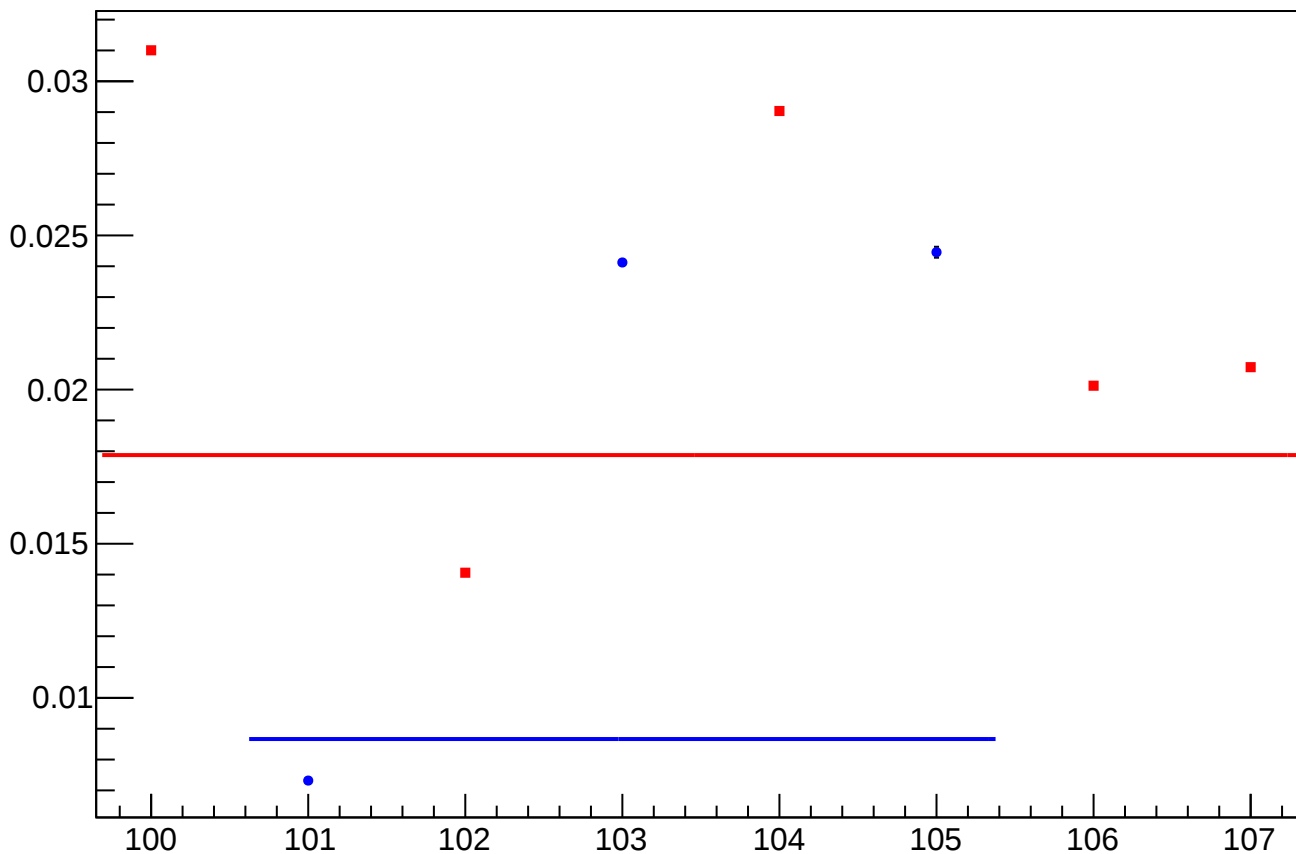
Right Out: -0.534+/-0.000 χ^2/NDF : 1391523707.8/4

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

-0.870+/-0.000 χ^2/NDF : 3062636.4/2

-0.534+/-0.000 χ^2/NDF : 1391523707.8/4

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

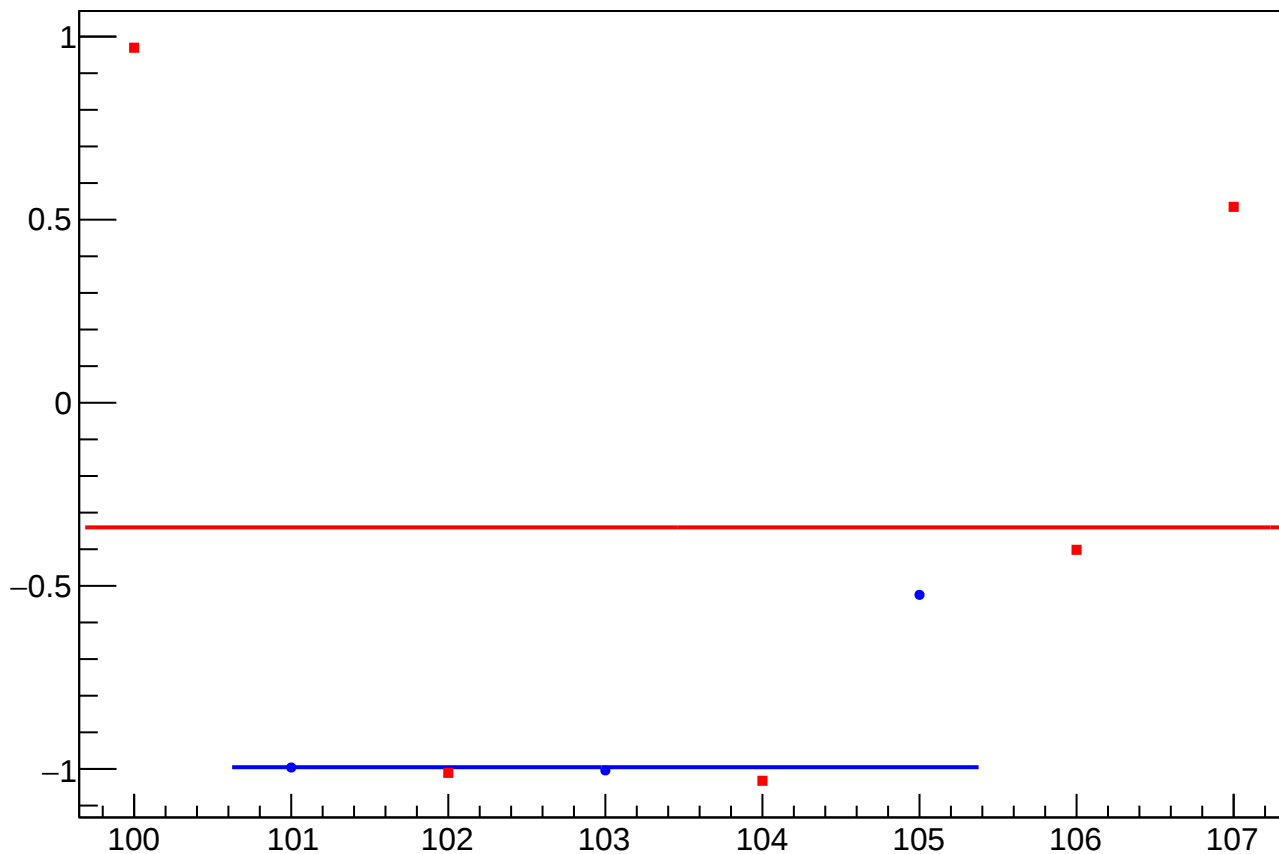
Right Out: 0.018+/-0.000 χ^2/NDF : 239519.0/4

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

0.009+/-0.000 χ^2/NDF : 424246.3/2

0.018+/-0.000 χ^2/NDF : 239519.0/4

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

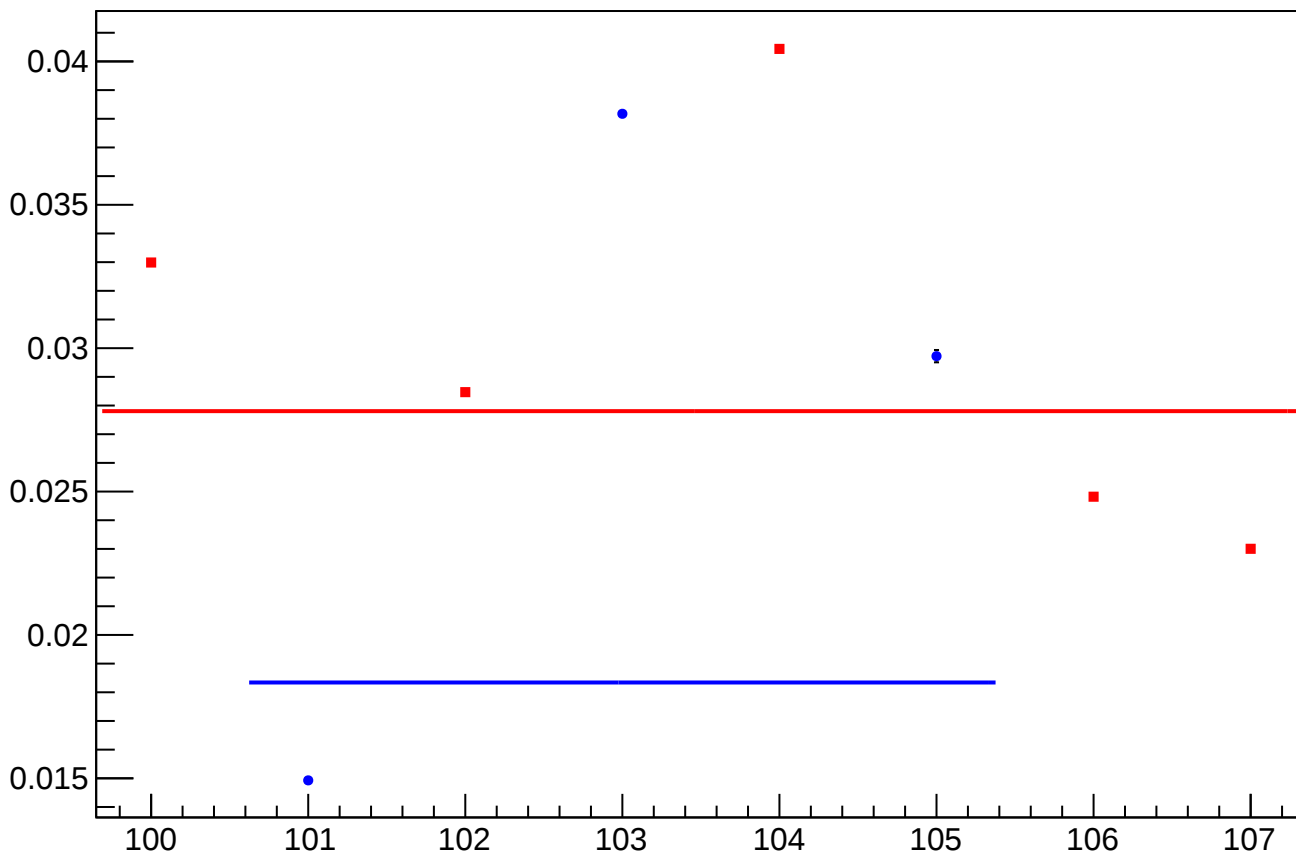
Right Out: -0.340+/-0.000 χ^2/NDF : 993805975.4/4

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

-0.995+/-0.000 χ^2/NDF : 2419337.6/2

-0.340+/-0.000 χ^2/NDF : 993805975.4/4

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

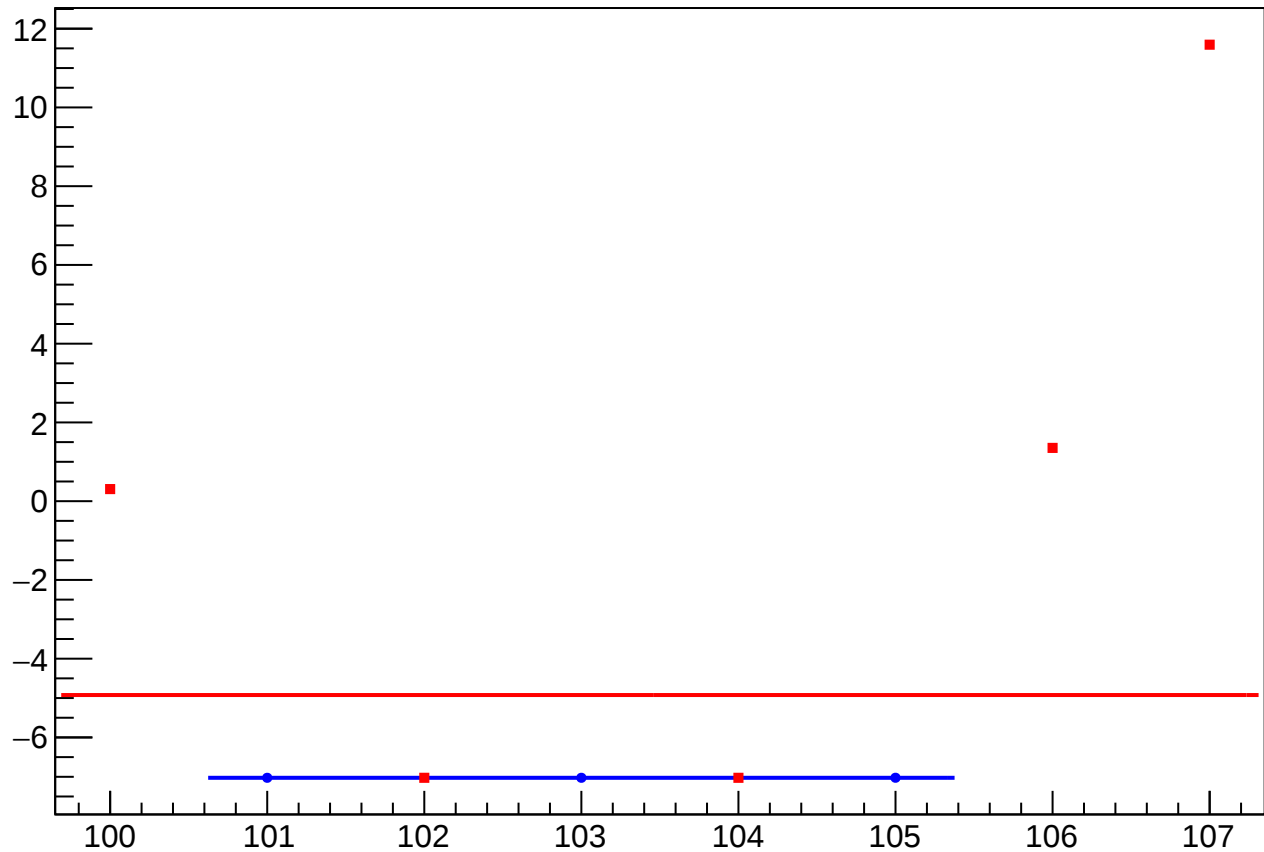
Right Out: 0.028+/-0.000 χ^2/NDF : 126488.3/4

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

0.018+/-0.000 χ^2/NDF : 354034.0/2

0.028+/-0.000 χ^2/NDF : 126488.3/4

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

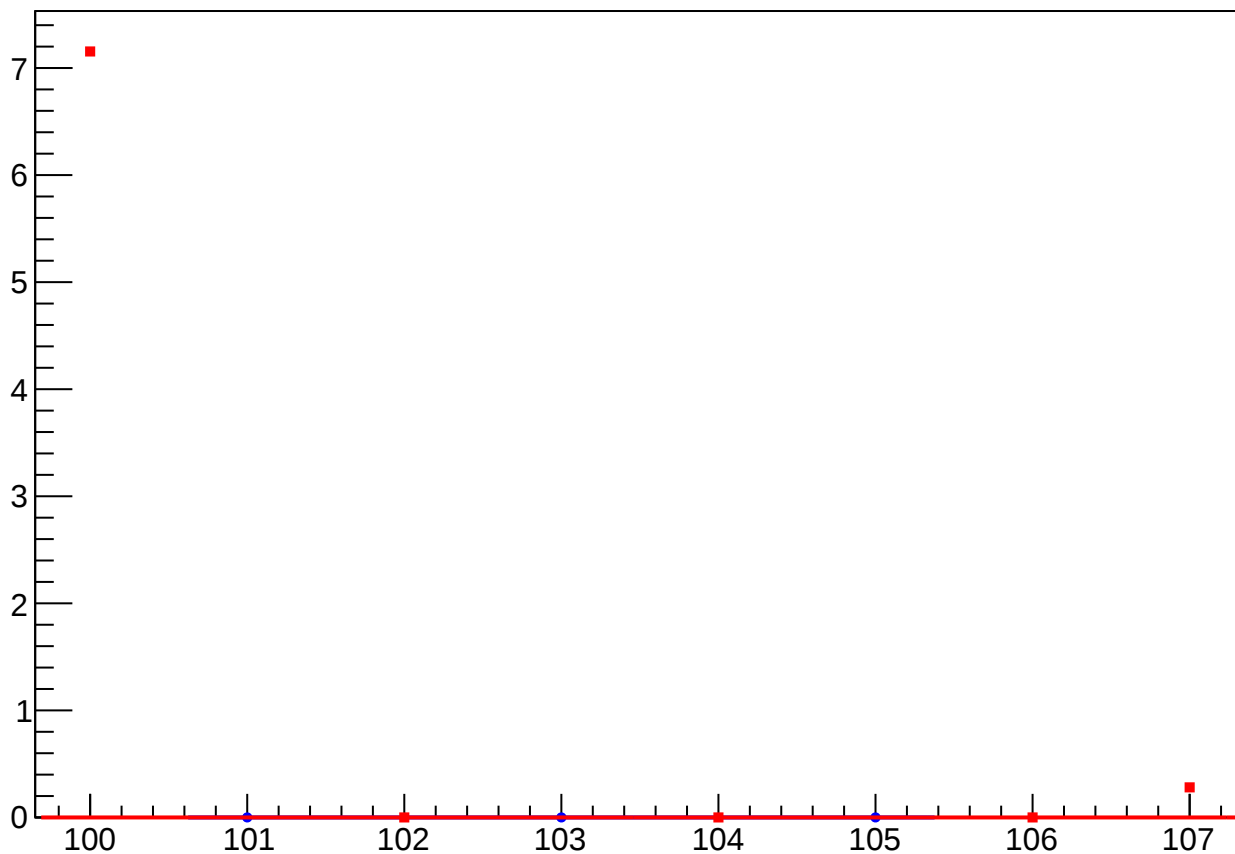
Right Out: -4.923+/-0.000 χ^2/NDF : 364074556960187.9/4

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 : 364074556960187.9/4

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

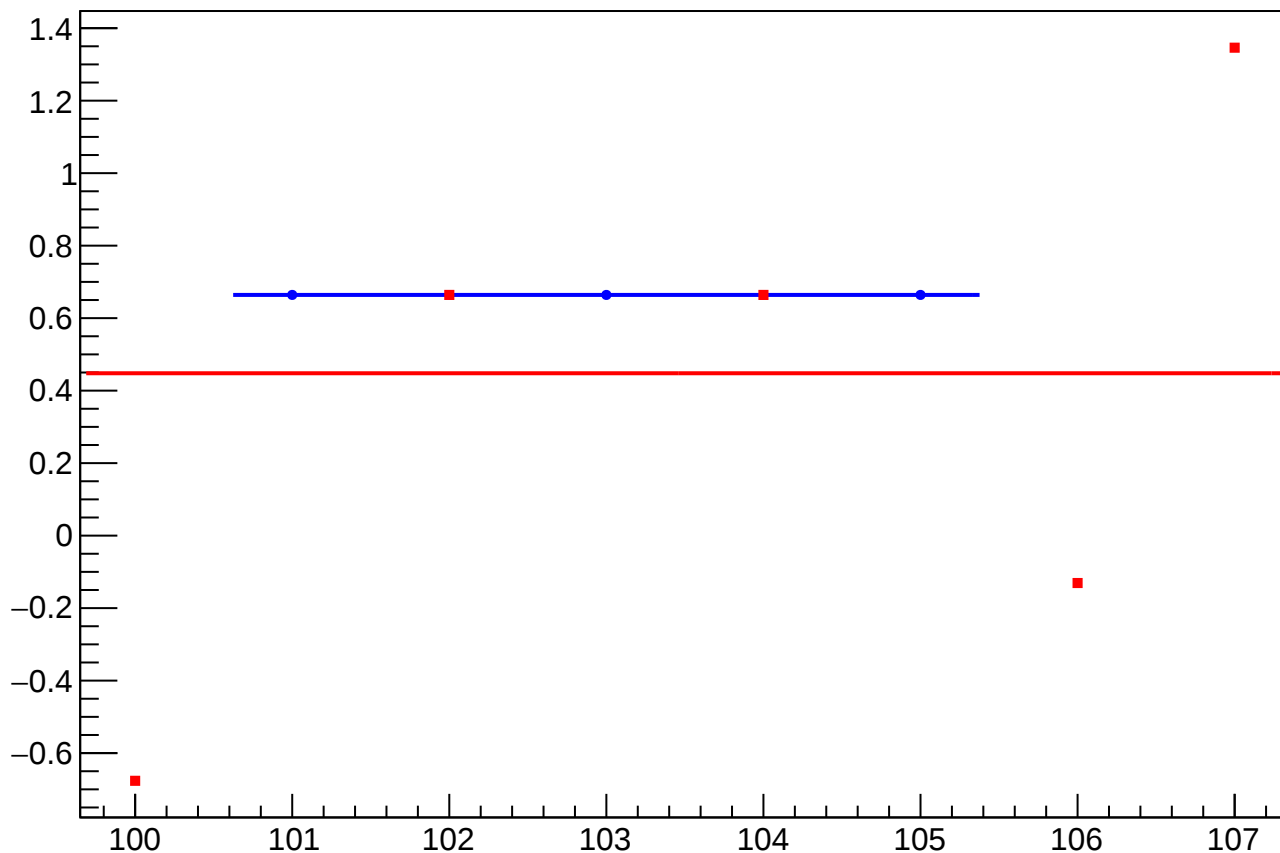
Right Out: 0.000+/-0.000 χ^2/NDF : 646750.3/4

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 : 646750.3/4

yield_cav4dY_mean vs slug



Right In: 0.664+/-0.000 χ^2/NDF : 173541.2/2

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

Right Out: 0.448+/-0.000 χ^2/NDF : 402866314764413.7/4

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

0.664+/-0.000 χ^2/NDF : 173541.2/2

0.448+/-0.000 χ^2/NDF : 402866314764413.7/4

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

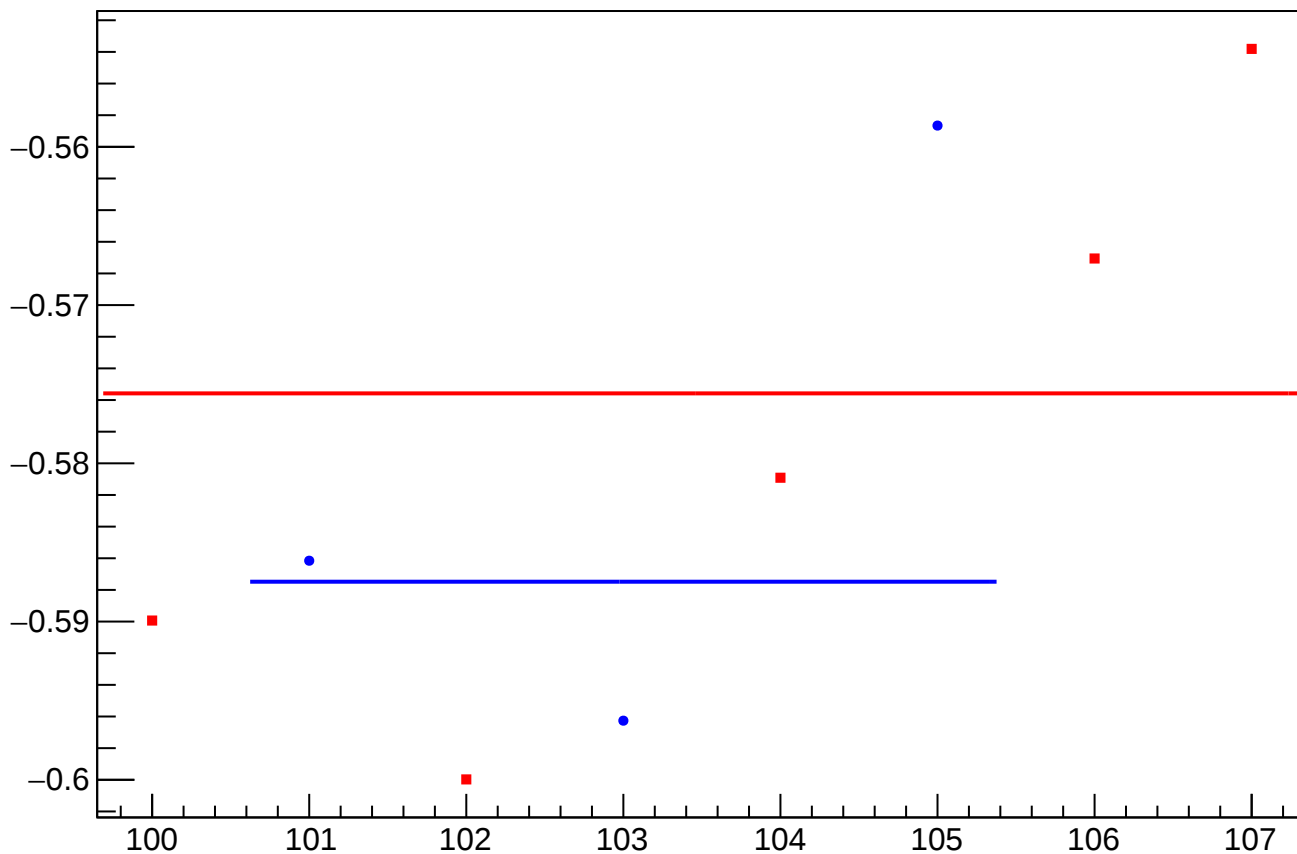
Right Out: 0.000+/-0.000 χ^2/NDF : 373705.2/4

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 : 373705.2/4

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

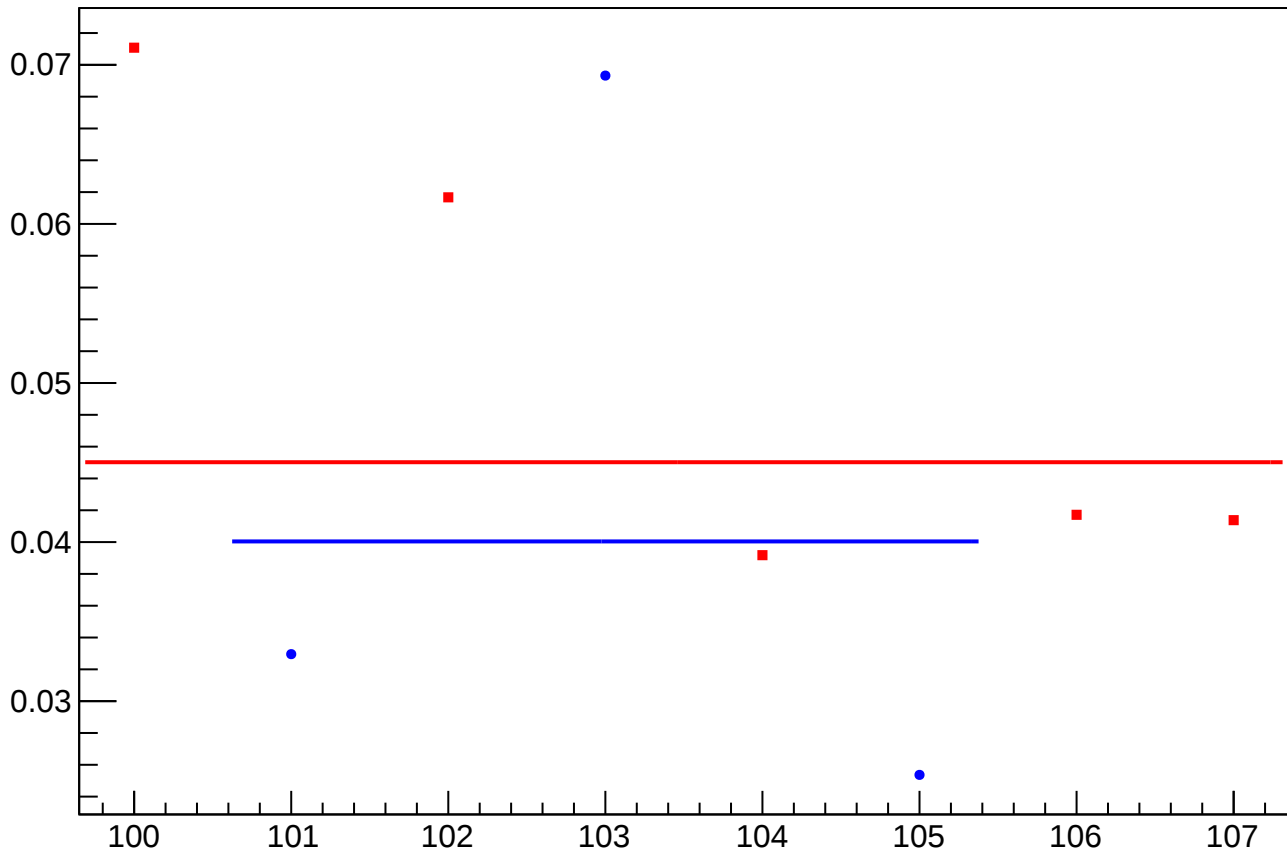
Right Out: -0.576+/-0.000 χ^2/NDF : 176143.6/4

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

-0.587+/-0.000 χ^2/NDF : 22124.0/2

-0.576+/-0.000 χ^2/NDF : 176143.6/4

yield_bpm4aX_rms vs slug



Right In: 0.040 $\pm$ 0.000 χ^2 /NDF: 252597.3/2

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

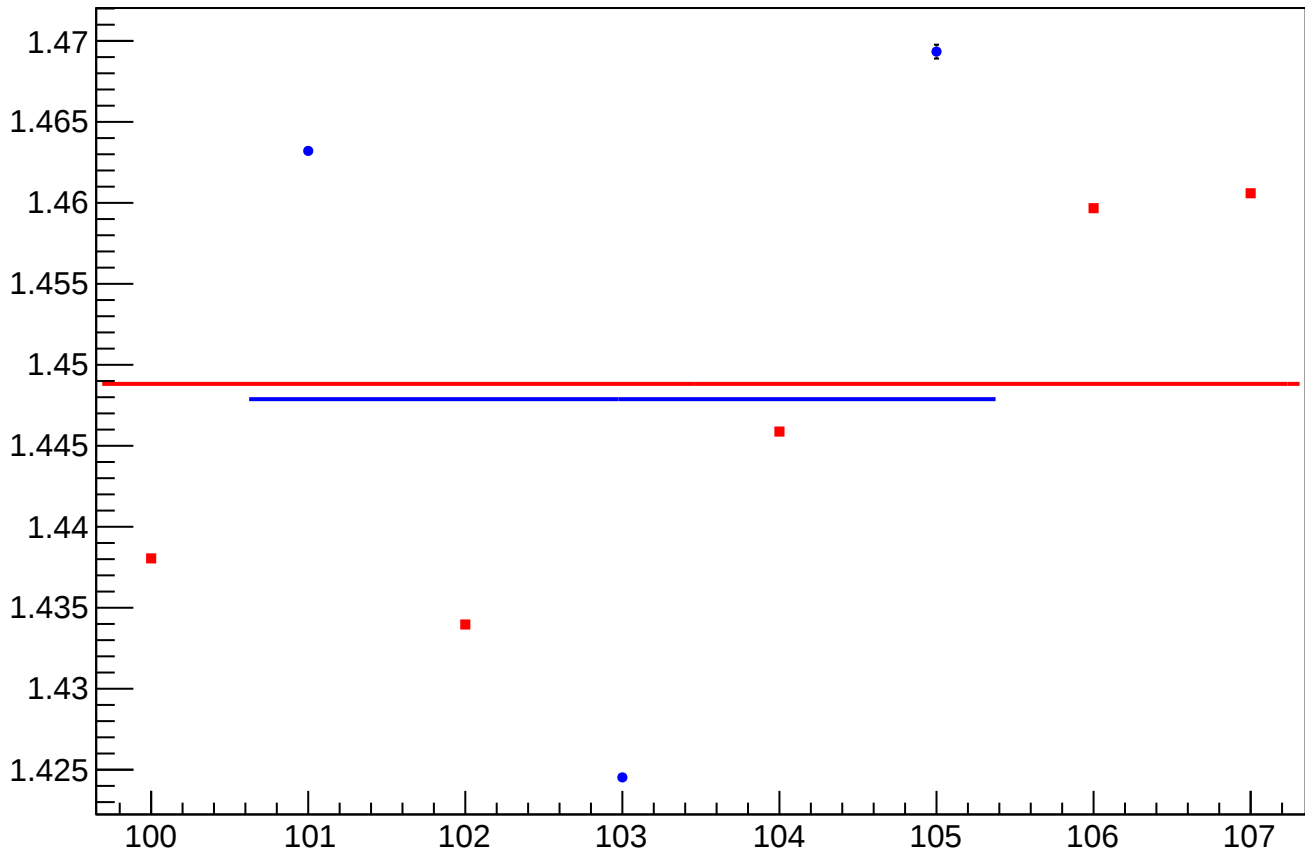
Right Out: 0.045 $\pm$ 0.000 χ^2 /NDF: 115371.4/4

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

0.040 $\pm$ 0.000 χ^2 /NDF: 252597.3/2

0.045 $\pm$ 0.000 χ^2 /NDF: 115371.4/4

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

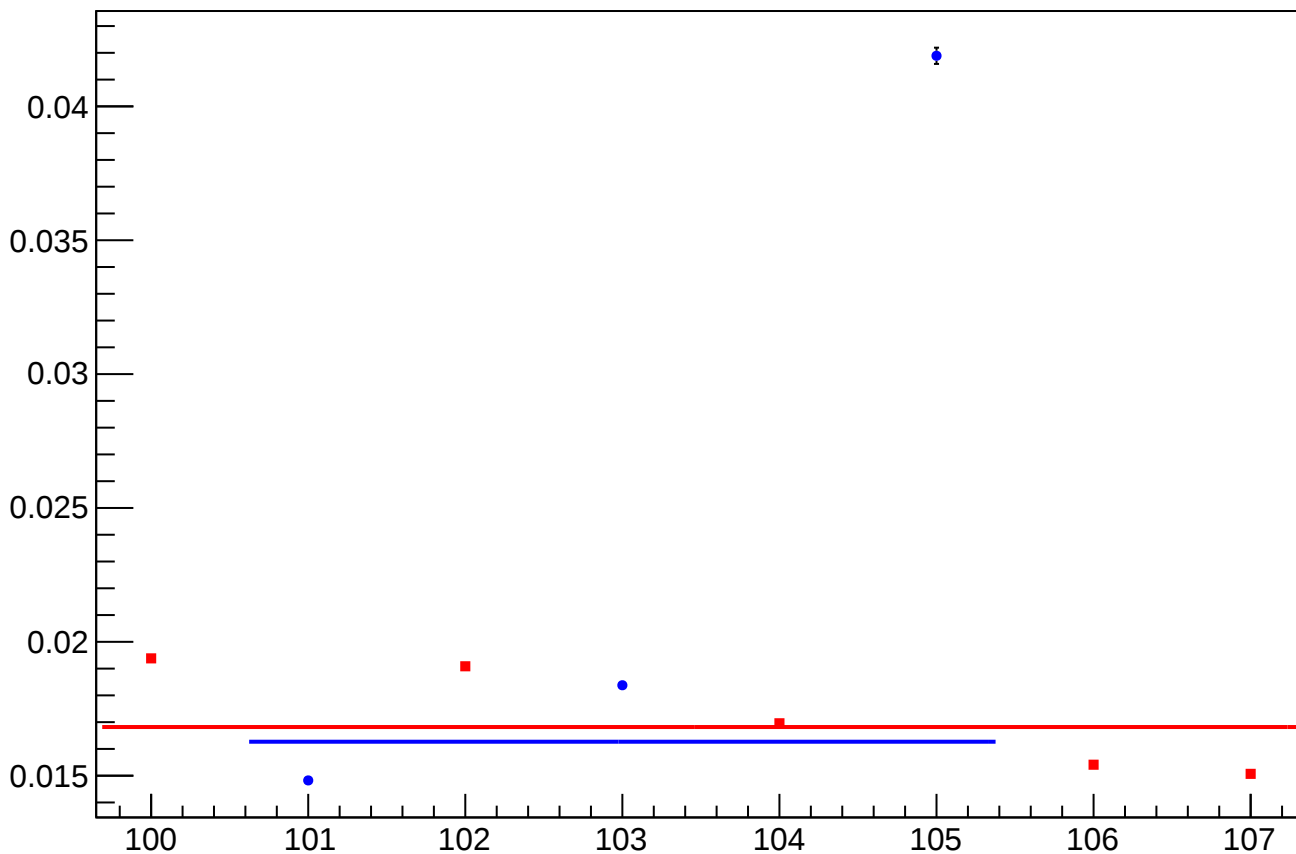
Right Out: 1.449 $\pm$ 0.000 χ^2 /NDF: 659896.8/4

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

1.448 $\pm$ 0.000 χ^2 /NDF: 1466978.2/2

1.449 $\pm$ 0.000 χ^2 /NDF: 659896.8/4

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

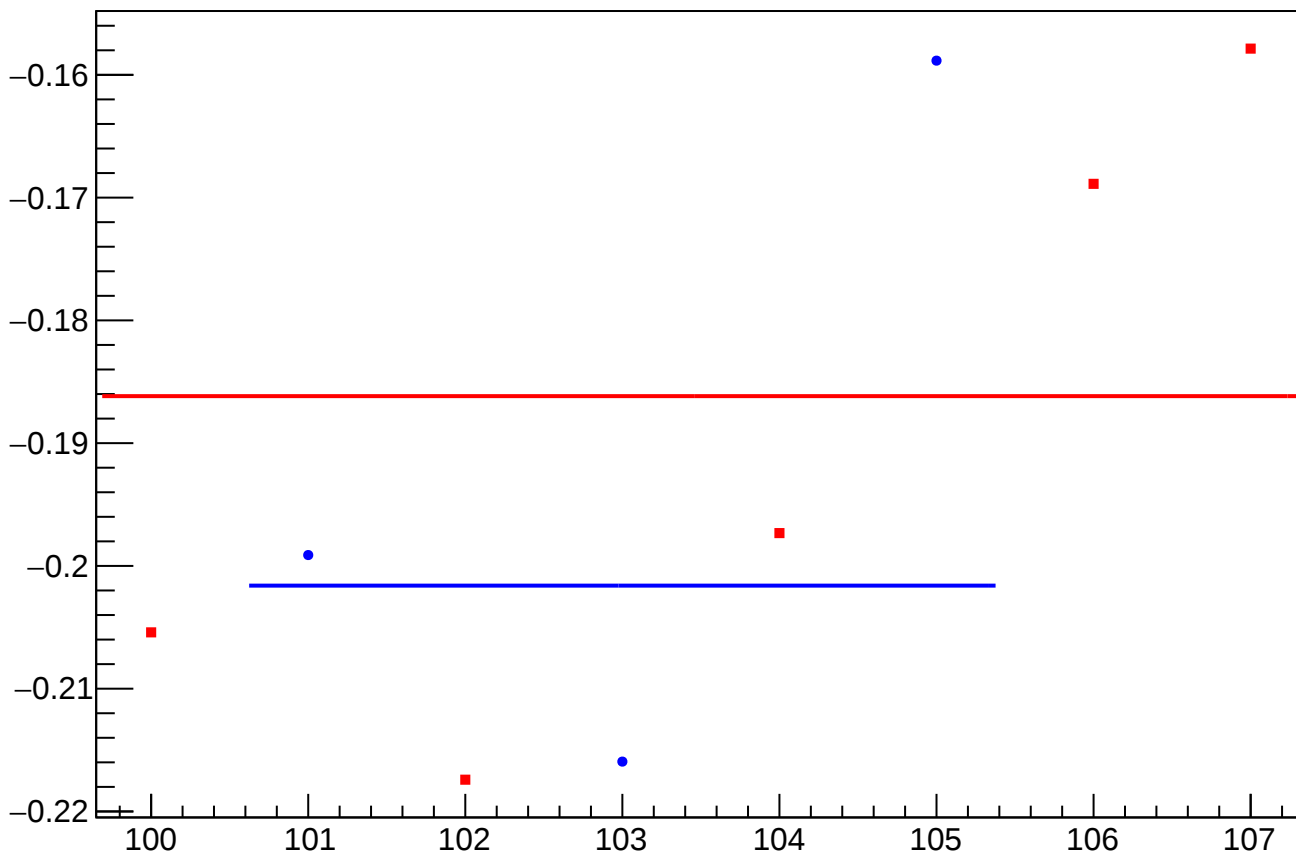
Right Out: 0.017+/-0.000 χ^2/NDF : 29527.3/4

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 : 29527.3/4

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

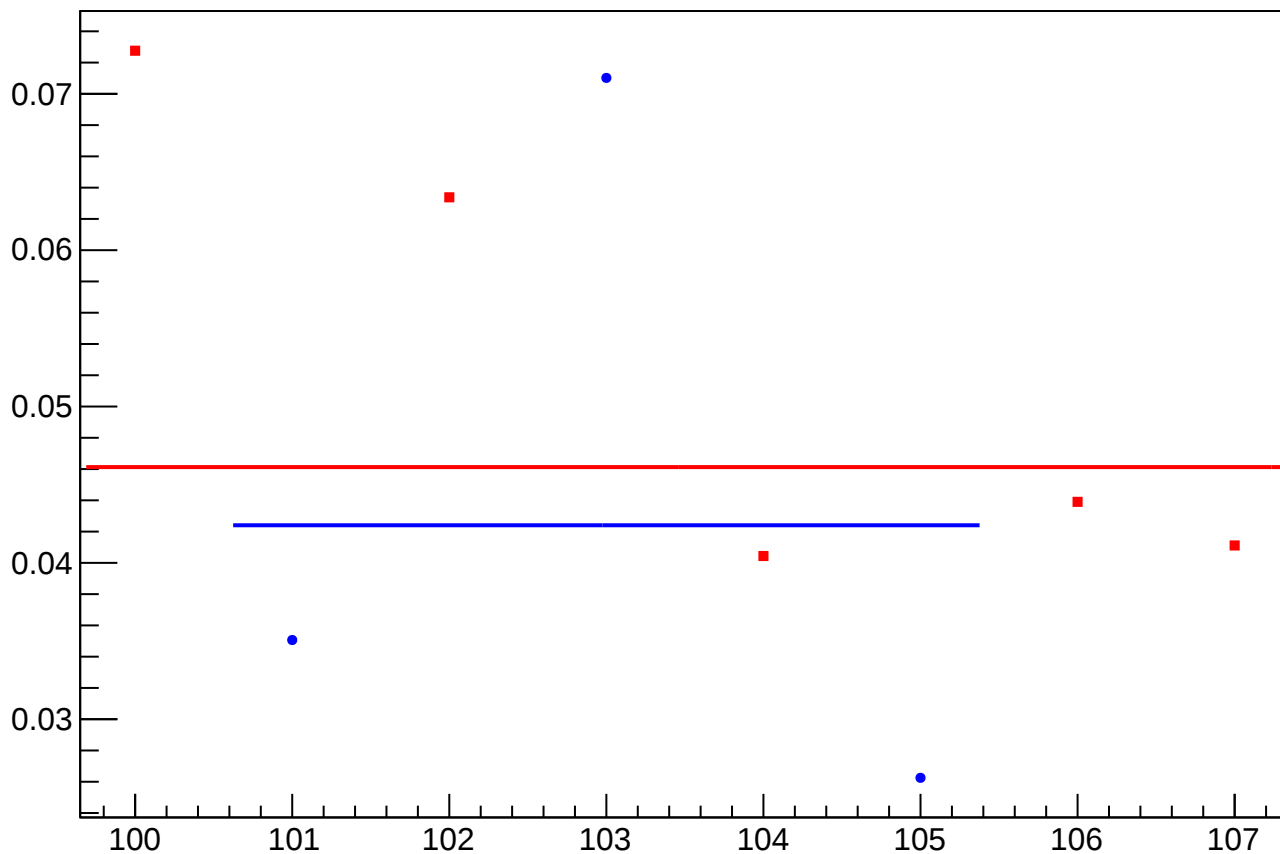
Right Out: -0.186+/-0.000 χ^2/NDF : 324672.5/4

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

-0.202+/-0.000 χ^2/NDF : 50683.0/2

-0.186+/-0.000 χ^2/NDF : 324672.5/4

yield_bpm4eX_rms vs slug



Right In: 0.042+/-0.000 χ^2/NDF : 233262.1/2

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

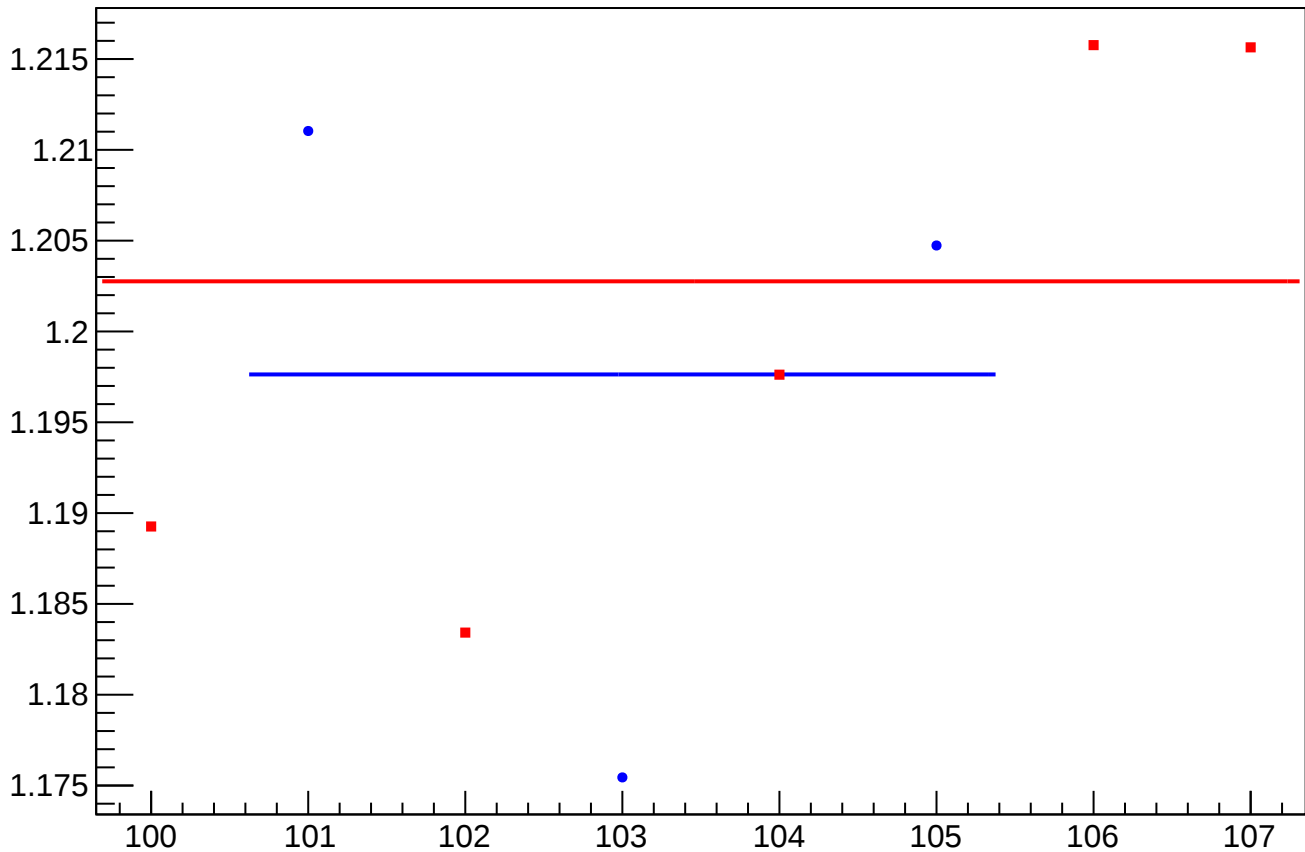
Right Out: 0.046+/-0.000 χ^2/NDF : 117080.3/4

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

0.042+/-0.000 χ^2/NDF : 233262.1/2

0.046+/-0.000 χ^2/NDF : 117080.3/4

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

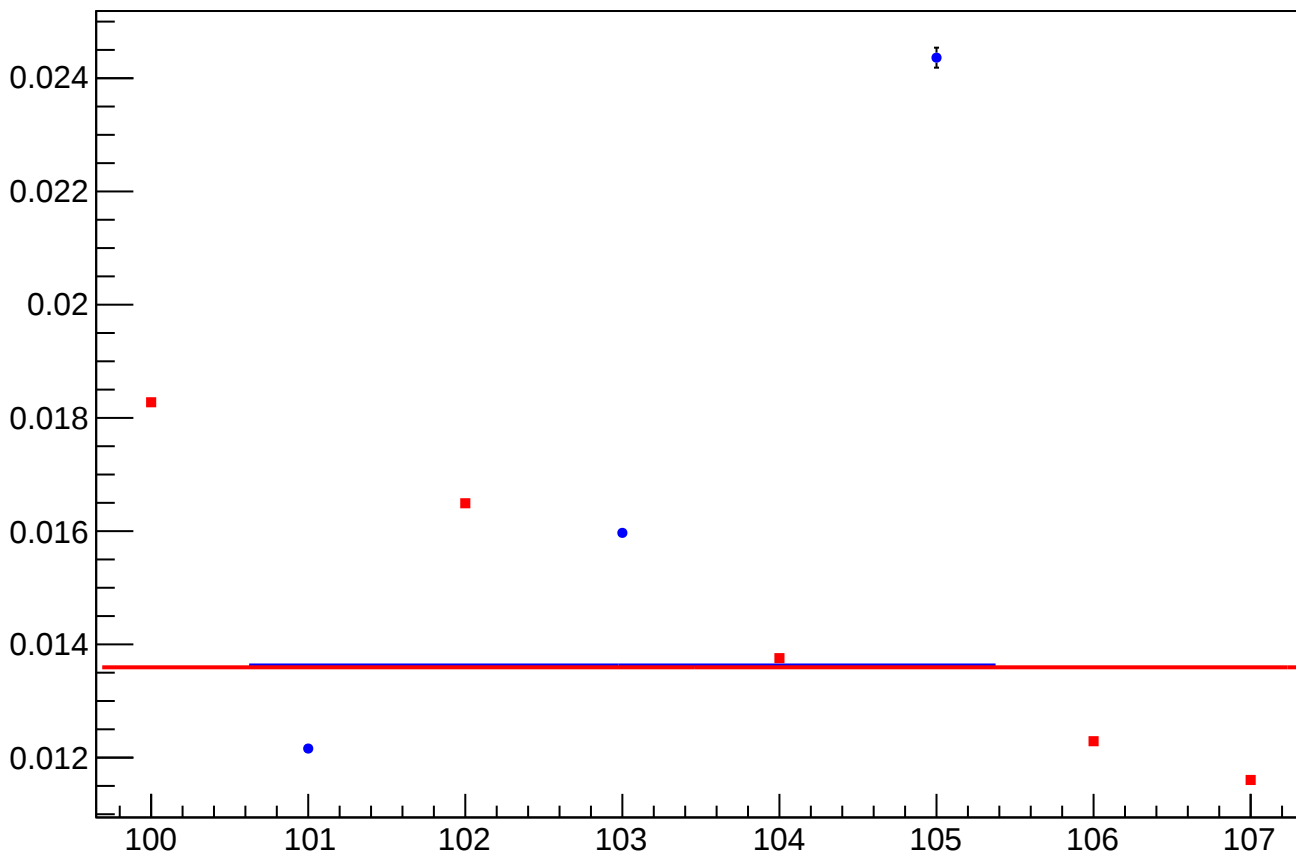
Right Out: 1.203 $\pm$ 0.000 χ^2 /NDF: 1469453.4/4

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

1.198 $\pm$ 0.000 χ^2 /NDF: 1694382.3/2

1.203 $\pm$ 0.000 χ^2 /NDF: 1469453.4/4

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

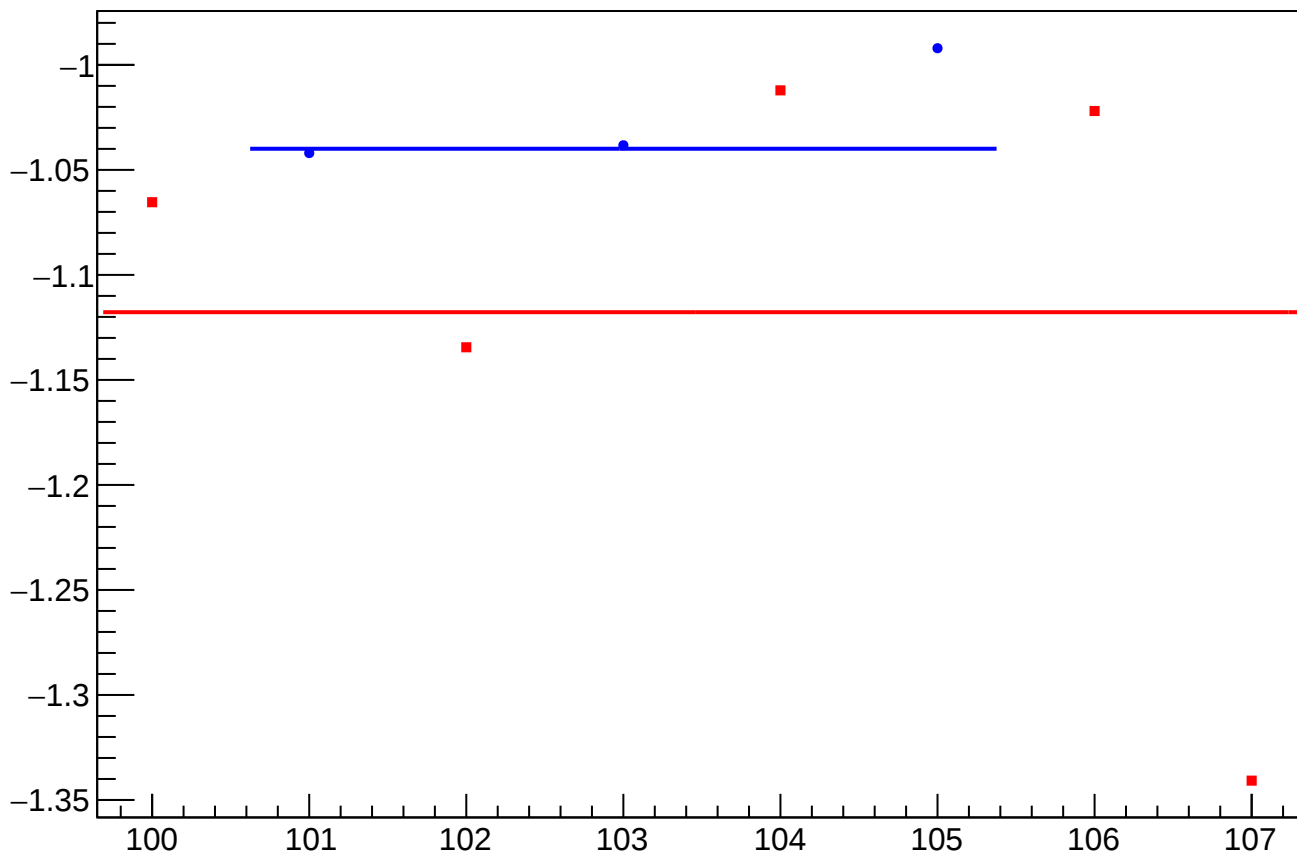
Right Out: 0.014+/-0.000 χ^2/NDF : 64686.7/4

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 : 64686.7/4

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

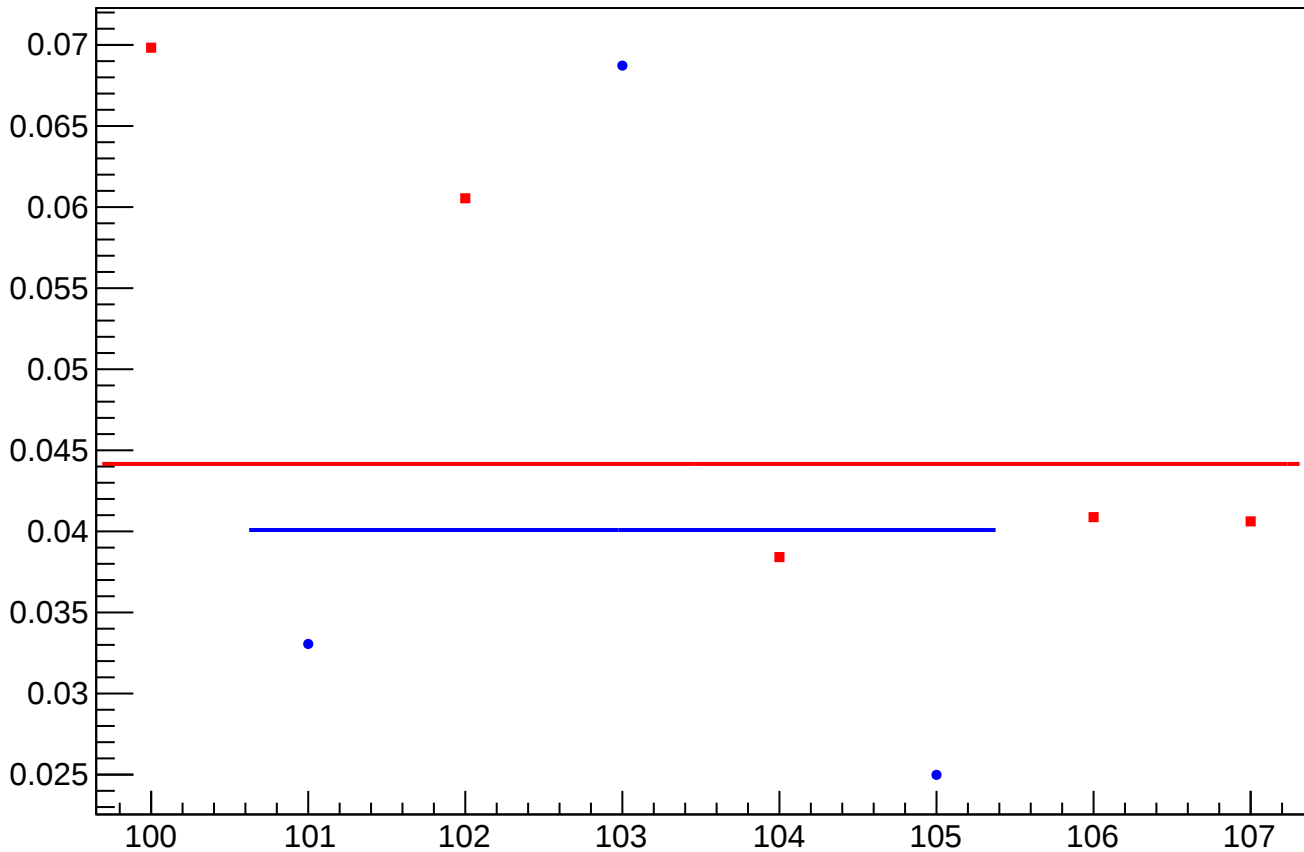
Right Out: -1.118+/-0.000 χ^2/NDF : 12928933.1/4

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

-1.040+/-0.000 χ^2/NDF : 37203.5/2

-1.118+/-0.000 χ^2/NDF : 12928933.1/4

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

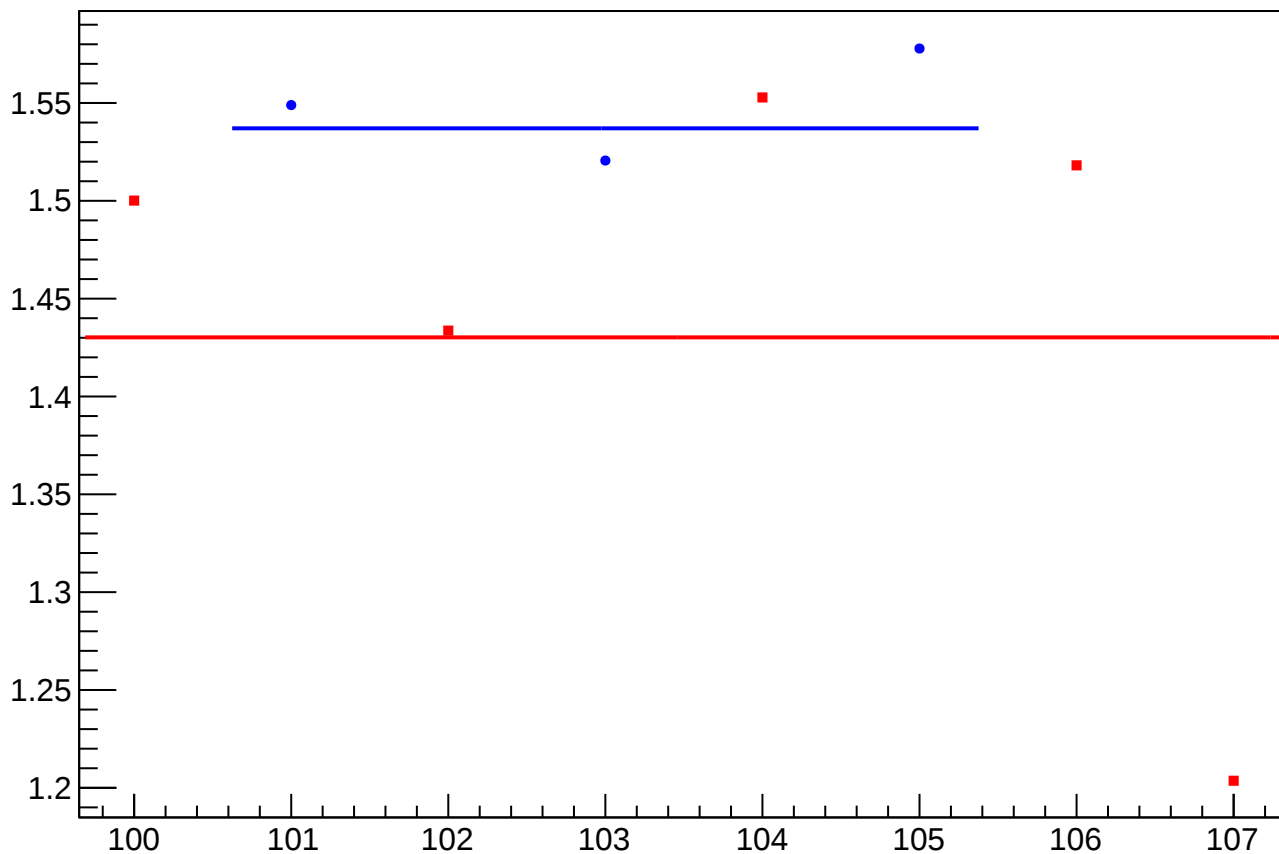
Right Out: 0.044+/-0.000 χ^2/NDF : 115842.1/4

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

0.040+/-0.000 χ^2/NDF : 246296.5/2

0.044+/-0.000 χ^2/NDF : 115842.1/4

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

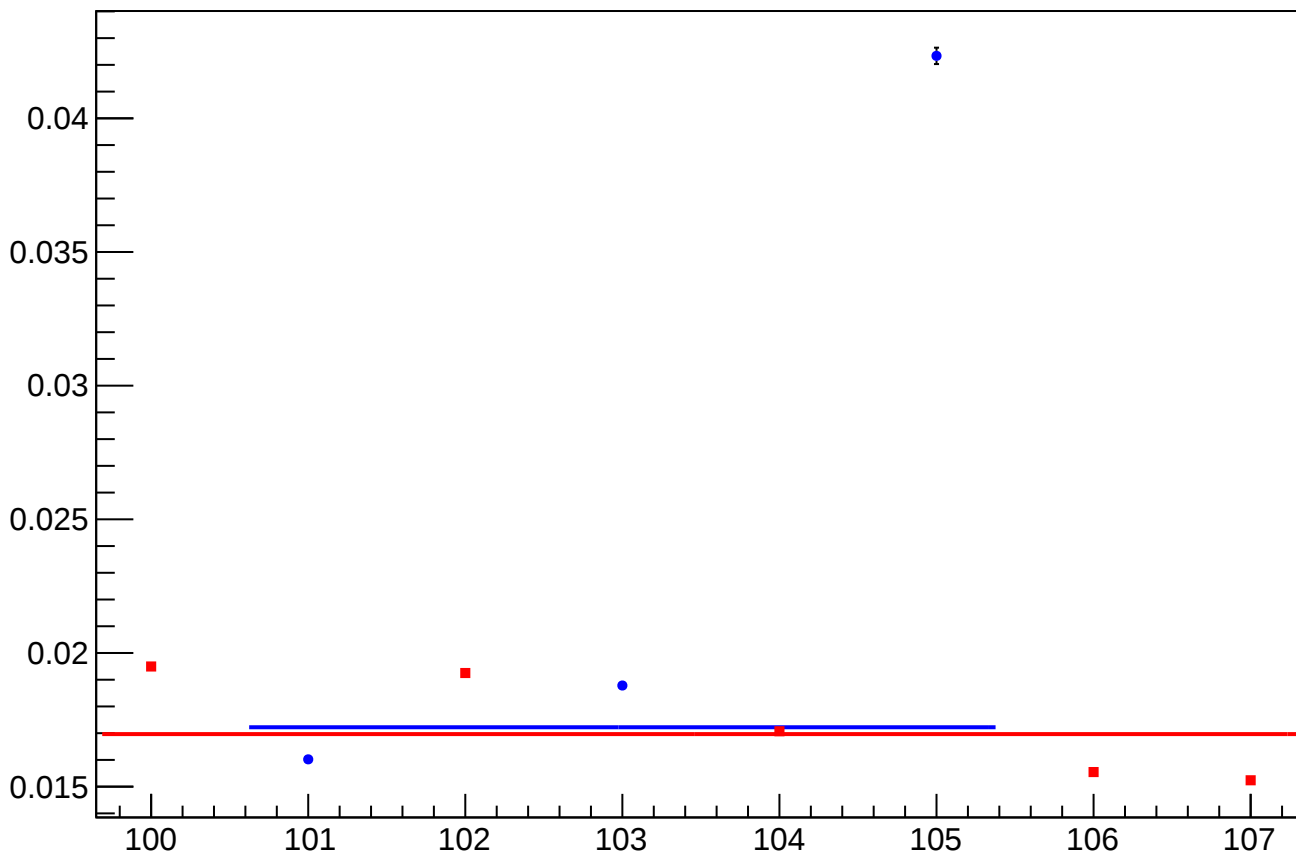
Right Out: 1.430 $\pm$ 0.000 χ^2 /NDF: 101511504.2/4

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

1.537 $\pm$ 0.000 χ^2 /NDF: 717138.6/2

1.430 $\pm$ 0.000 χ^2 /NDF: 101511504.2/4

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

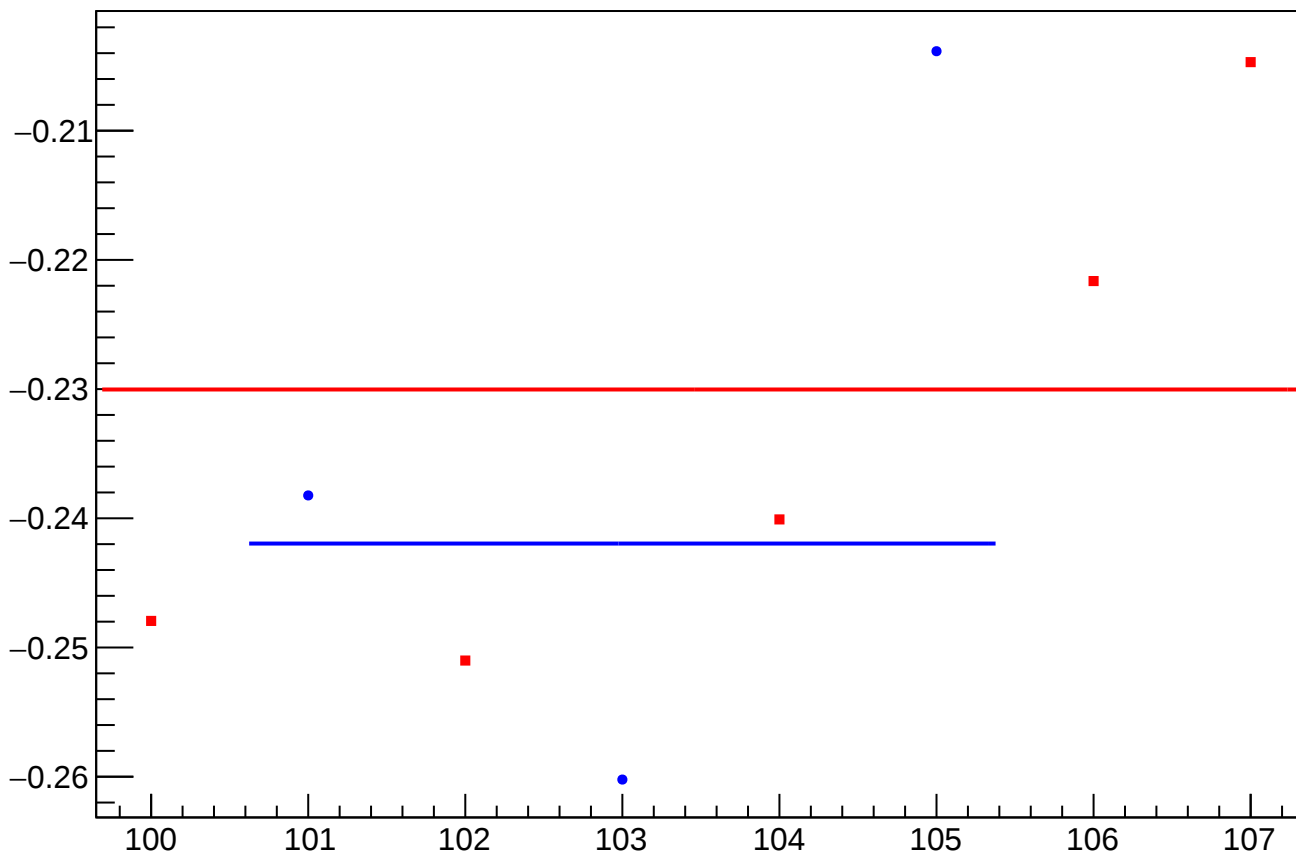
Right Out: 0.017+/-0.000 χ^2/NDF : 28983.5/4

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

0.017+/-0.000 χ^2/NDF : 20152.2/2

0.017+/-0.000 χ^2/NDF : 28983.5/4

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

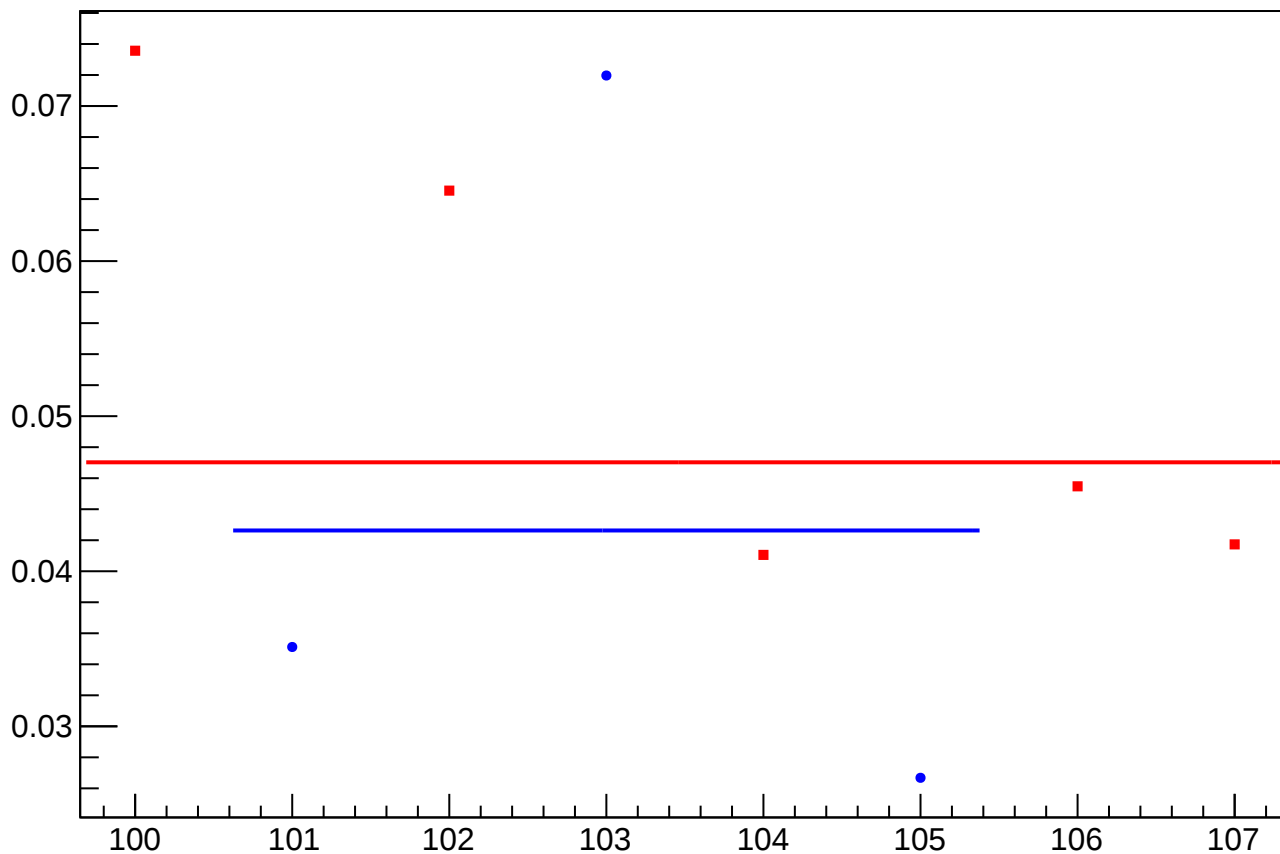
Right Out: -0.230+/-0.000 χ^2/NDF : 193162.3/4

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

-0.242+/-0.000 χ^2/NDF : 61133.5/2

-0.230+/-0.000 χ^2/NDF : 193162.3/4

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

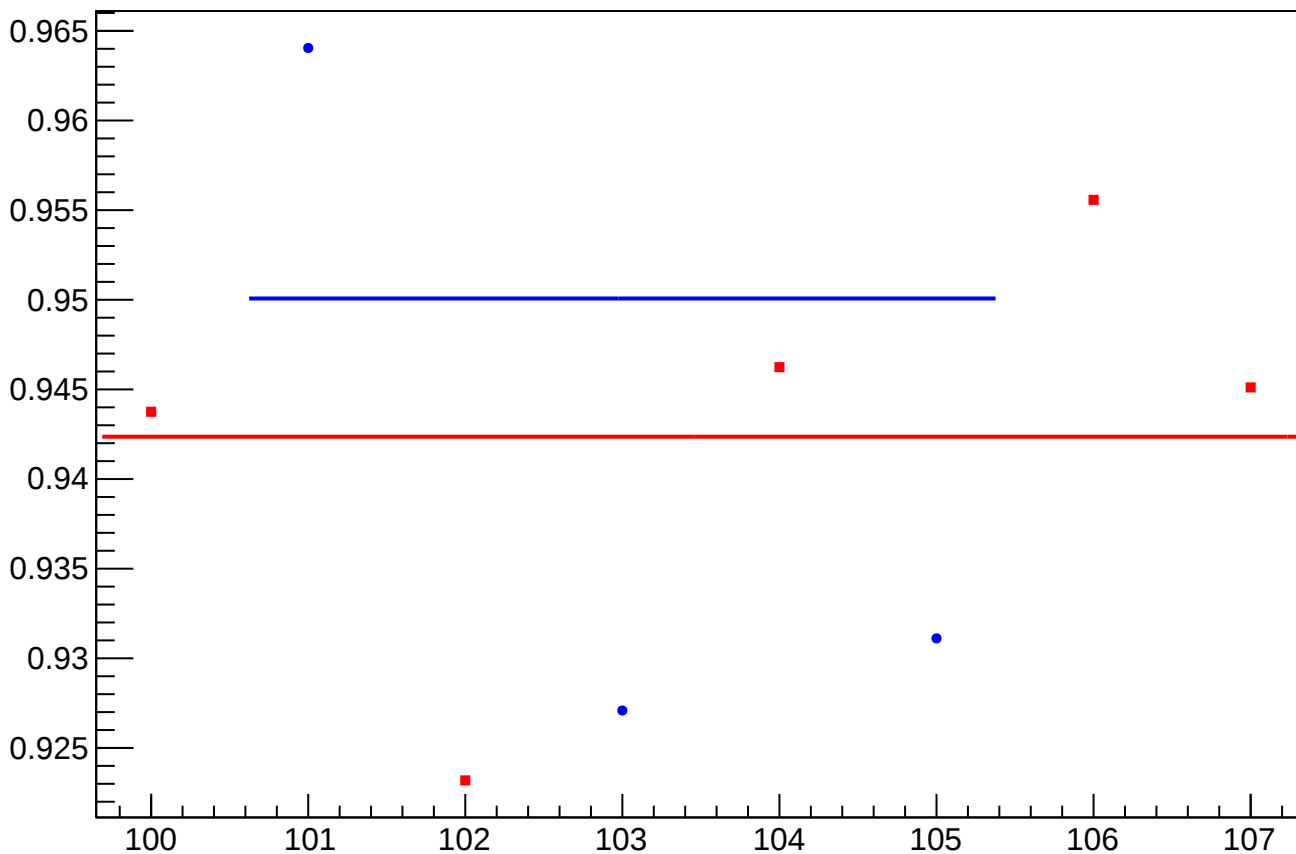
Right Out: 0.047+/-0.000 χ^2/NDF : 117615.6/4

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

0.043+/-0.000 χ^2/NDF : 238327.0/2

0.047+/-0.000 χ^2/NDF : 117615.6/4

yield_bpm4ecY_mean vs slug



Right In: 0.950 $\pm$ 0.000 χ^2 /NDF: 1793826.4/2

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

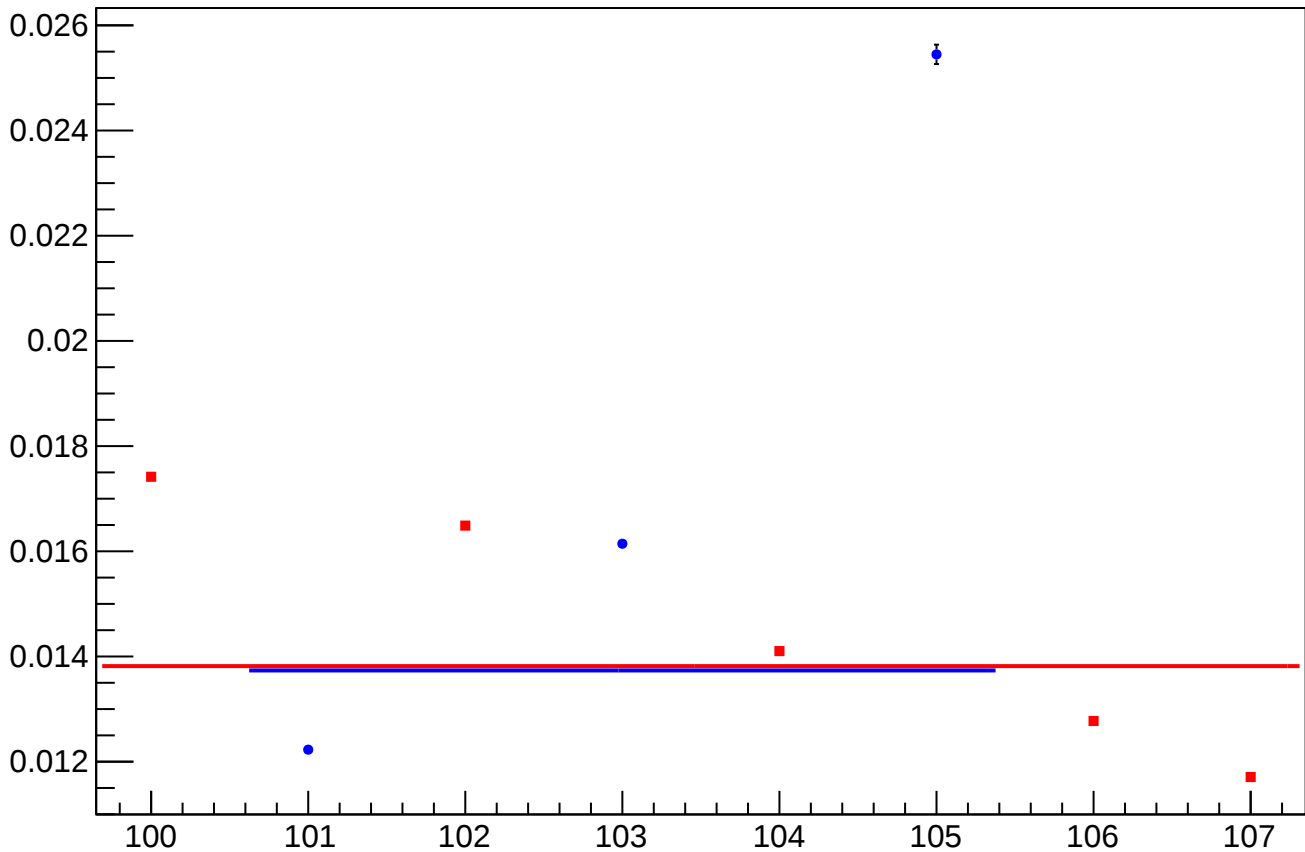
Right Out: 0.942 $\pm$ 0.000 χ^2 /NDF: 1014157.6/4

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

0.950 $\pm$ 0.000 χ^2 /NDF: 1793826.4/2

0.942 $\pm$ 0.000 χ^2 /NDF: 1014157.6/4

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

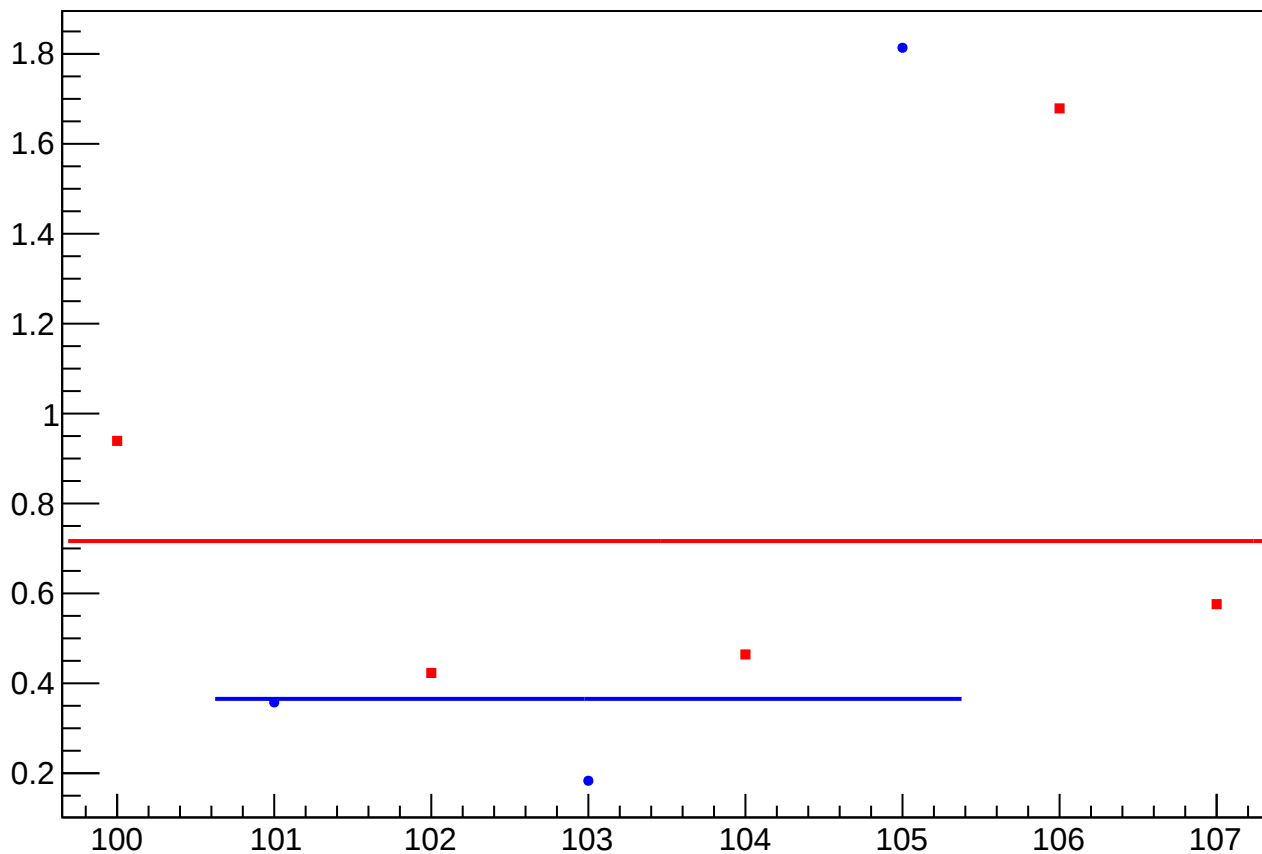
Right Out: 0.014+/-0.000 χ^2/NDF : 56894.9/4

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

0.014+/-0.000 χ^2/NDF : 44201.5/2

0.014+/-0.000 χ^2/NDF : 56894.9/4

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

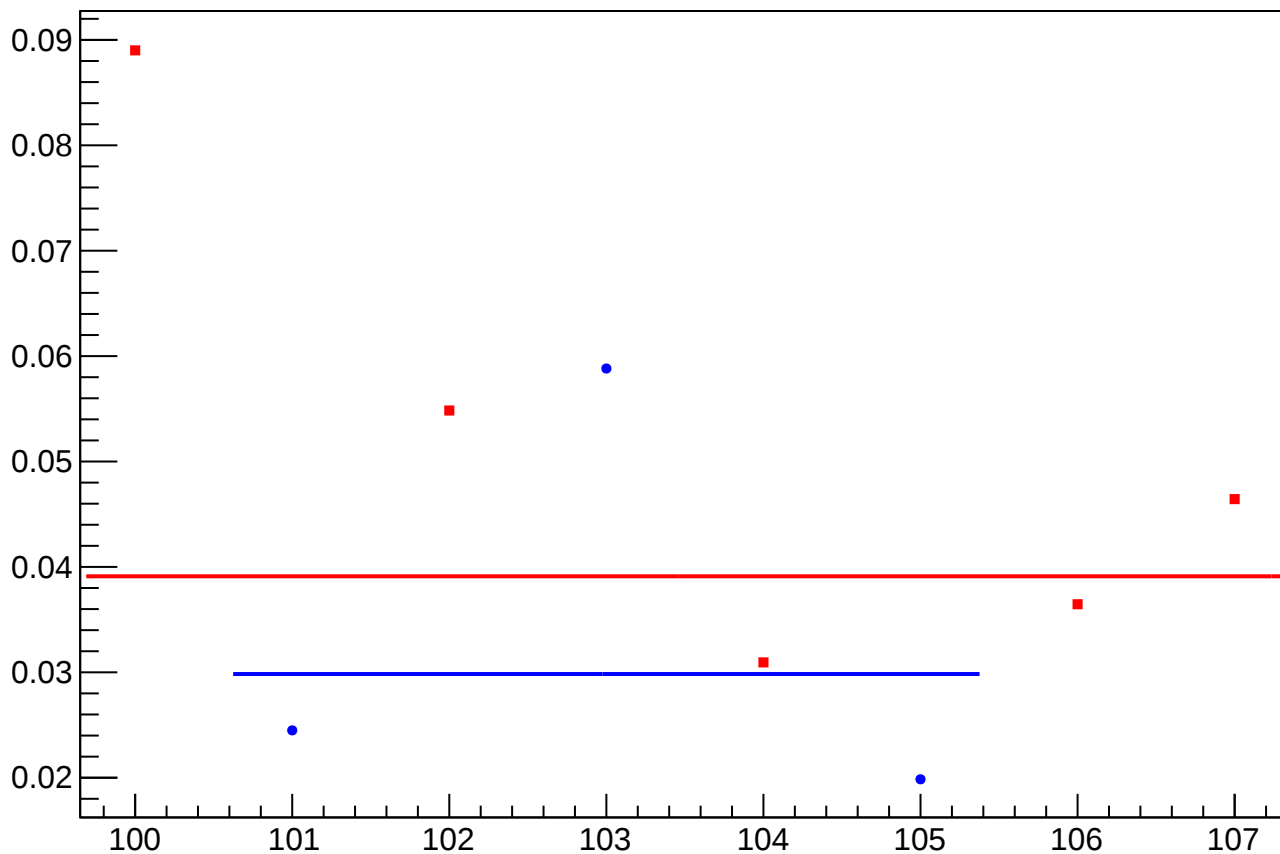
Right Out: 0.716+/-0.000 χ^2/NDF : 195790632.1/4

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

0.365+/-0.000 χ^2/NDF : 55970838.4/2

0.716+/-0.000 χ^2/NDF : 195790632.1/4

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

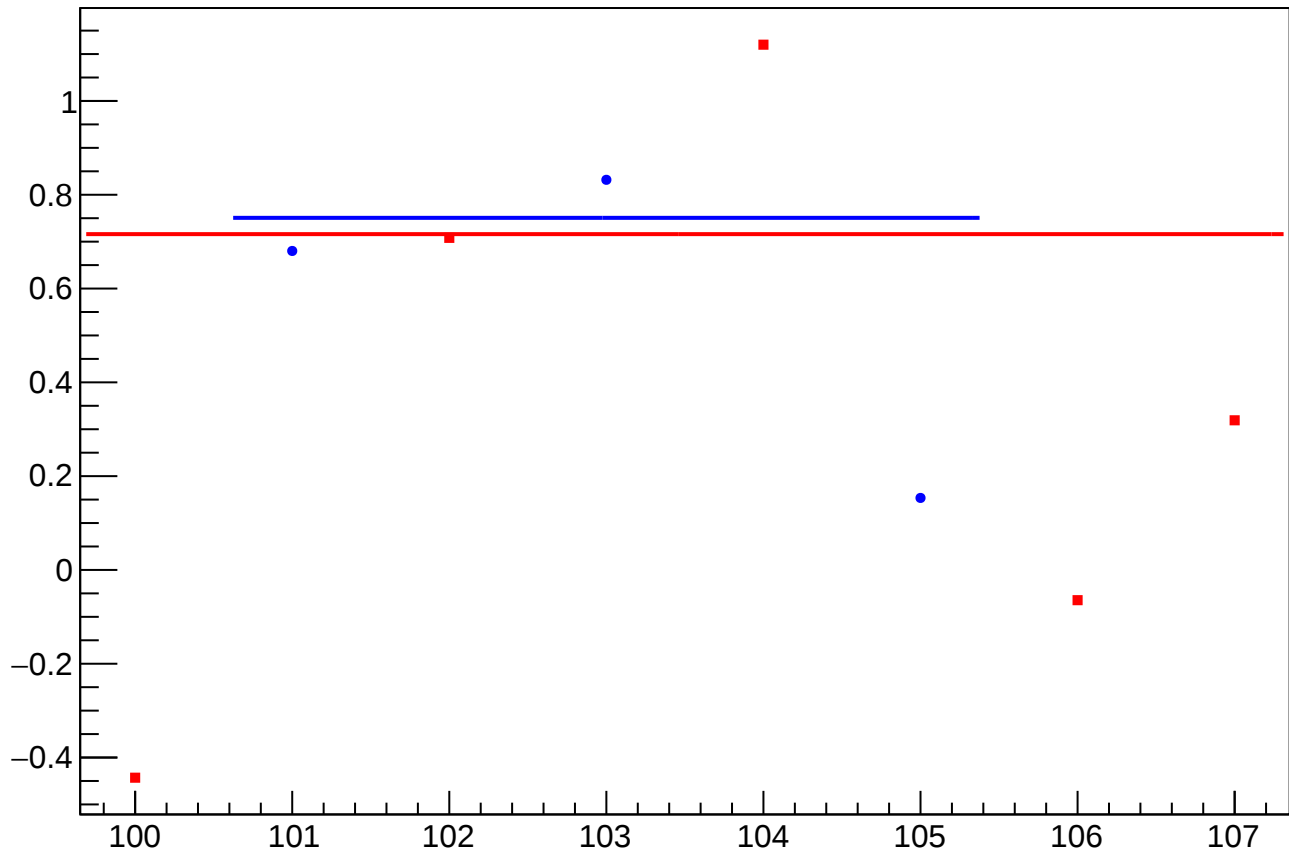
Right Out: 0.039+/-0.000 χ^2/NDF : 185093.0/4

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

0.030+/-0.000 χ^2/NDF : 315668.5/2

0.039+/-0.000 χ^2/NDF : 185093.0/4

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

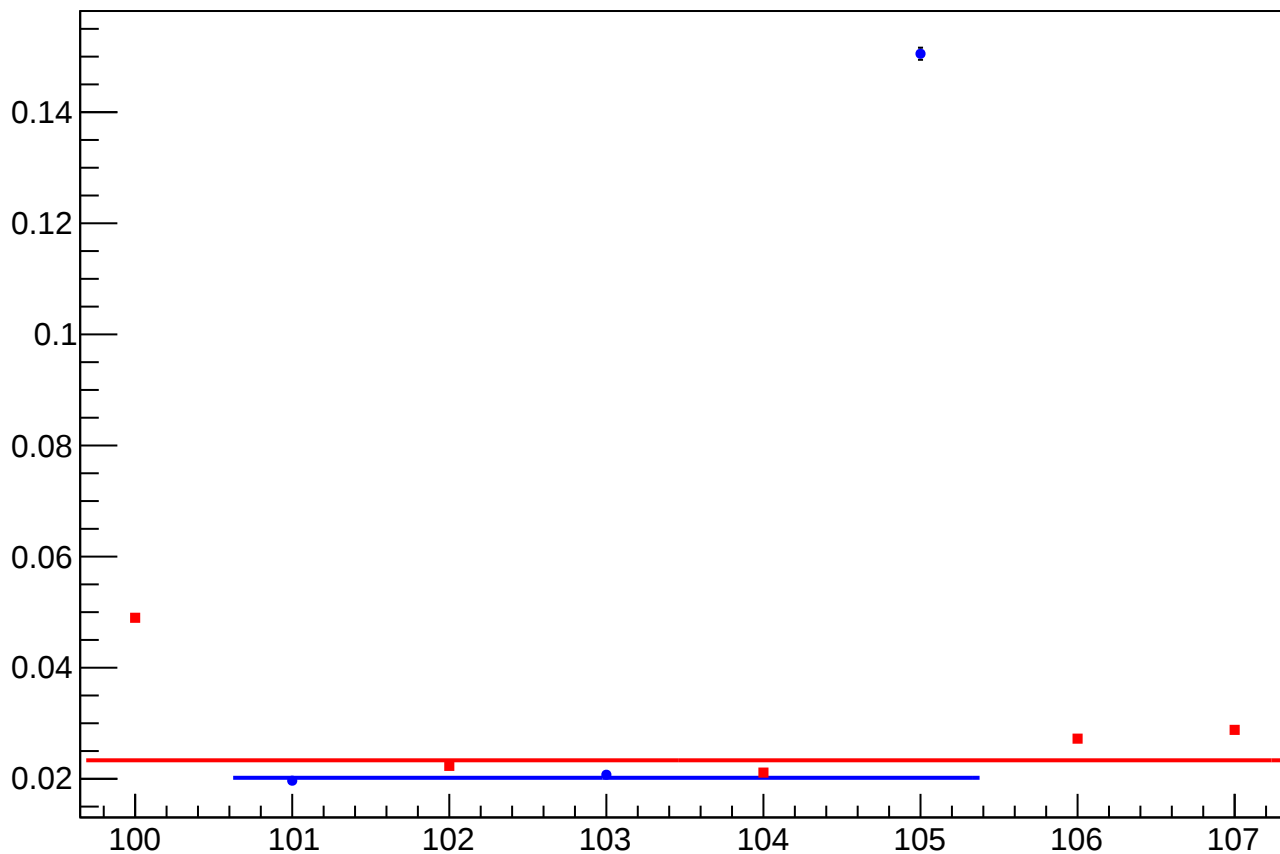
Right Out: 0.716+/-0.000 χ^2/NDF : 454637756.2/4

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

0.751+/-0.000 χ^2/NDF : 15119123.8/2

0.716+/-0.000 χ^2/NDF : 454637756.2/4

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

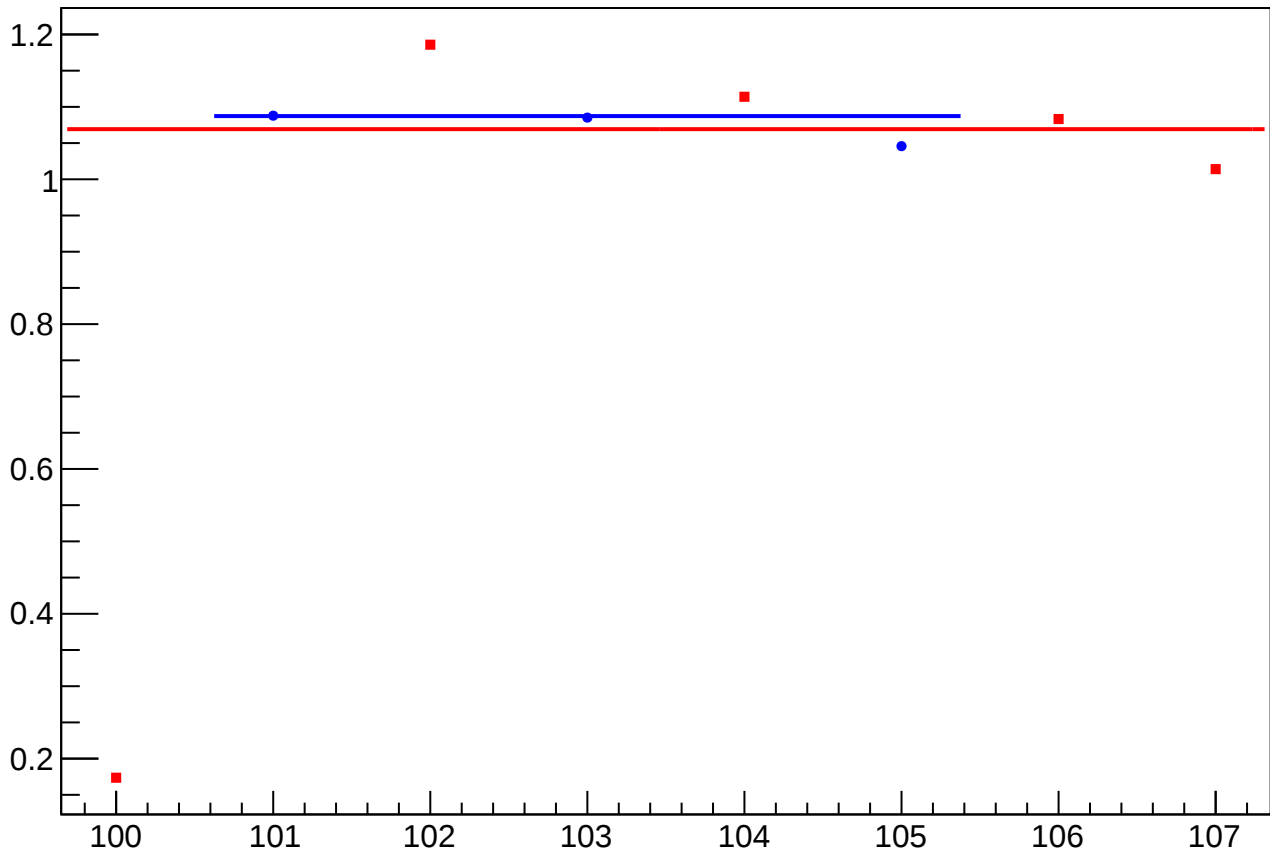
Right Out: 0.023+/-0.000 χ^2/NDF : 66235.2/4

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 : 66235.2/4

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

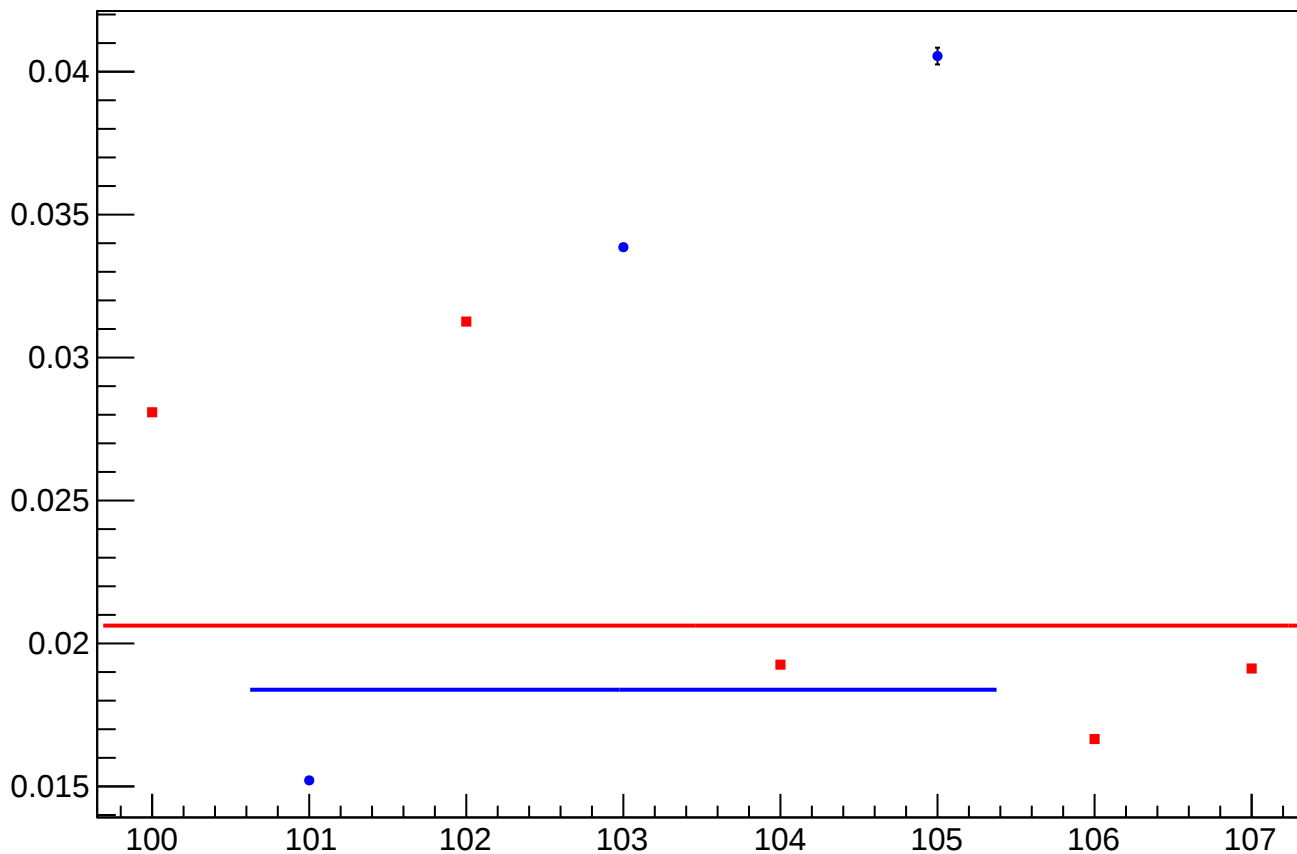
1.087+/-0.000 χ^2/NDF : 12650.9/2

Right Out: 1.069+/-0.000 χ^2/NDF : 78475194.9/4

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

1.069+/-0.000 χ^2/NDF : 78475194.9/4

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

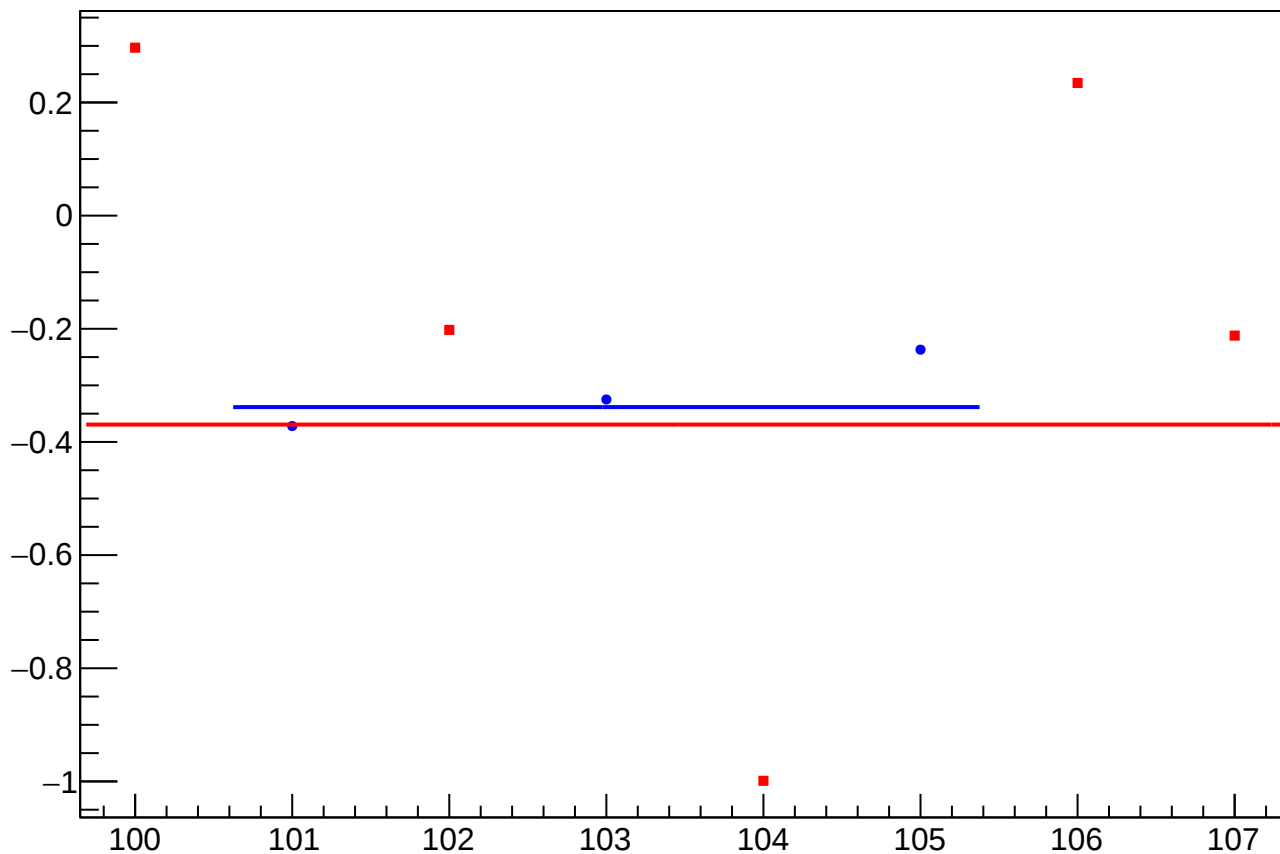
Right Out: 0.021+/-0.000 χ^2/NDF : 154480.6/4

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 : 154480.6/4

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

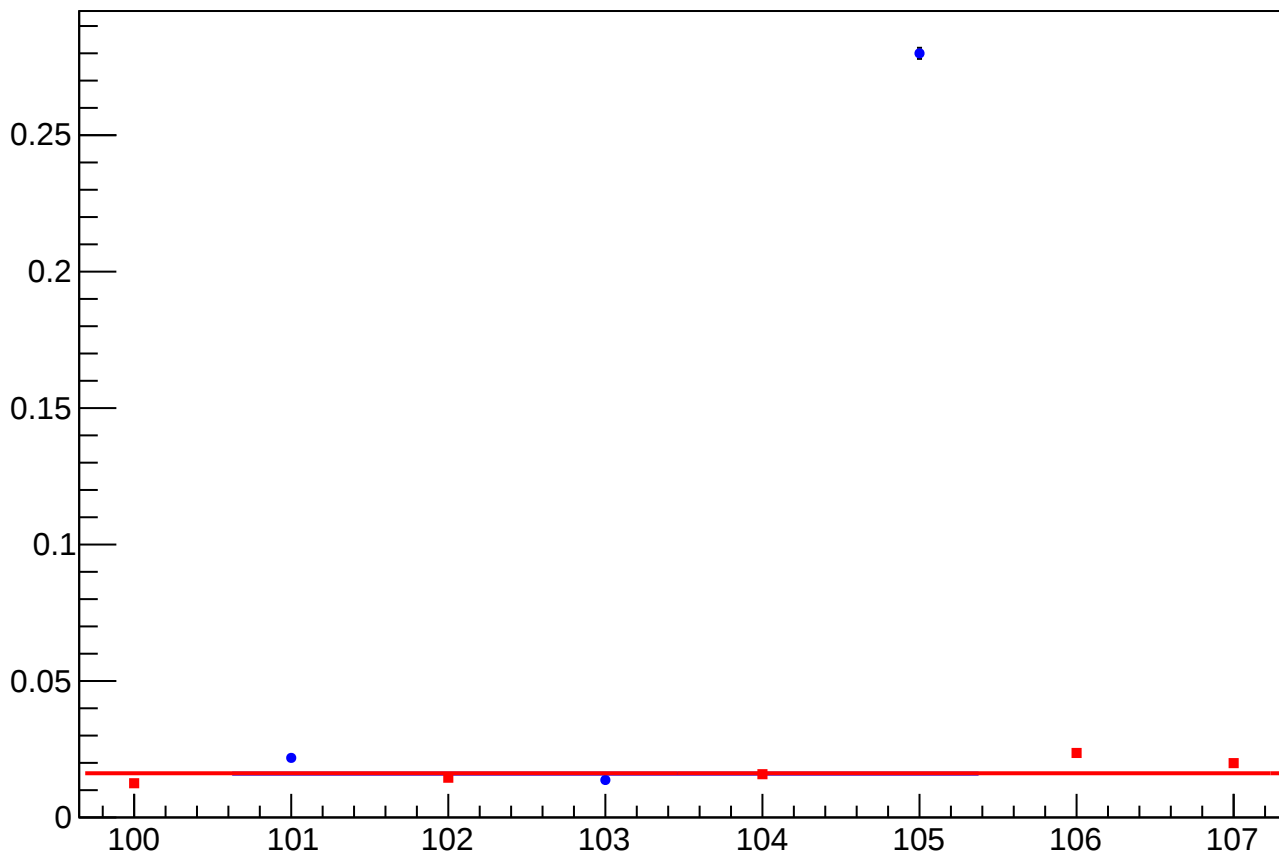
Right Out: -0.369+/-0.000 χ^2/NDF : 1106322539.6/4

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

-0.338+/-0.000 χ^2/NDF : 1776623.9/2

-0.369+/-0.000 χ^2/NDF : 1106322539.6/4

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

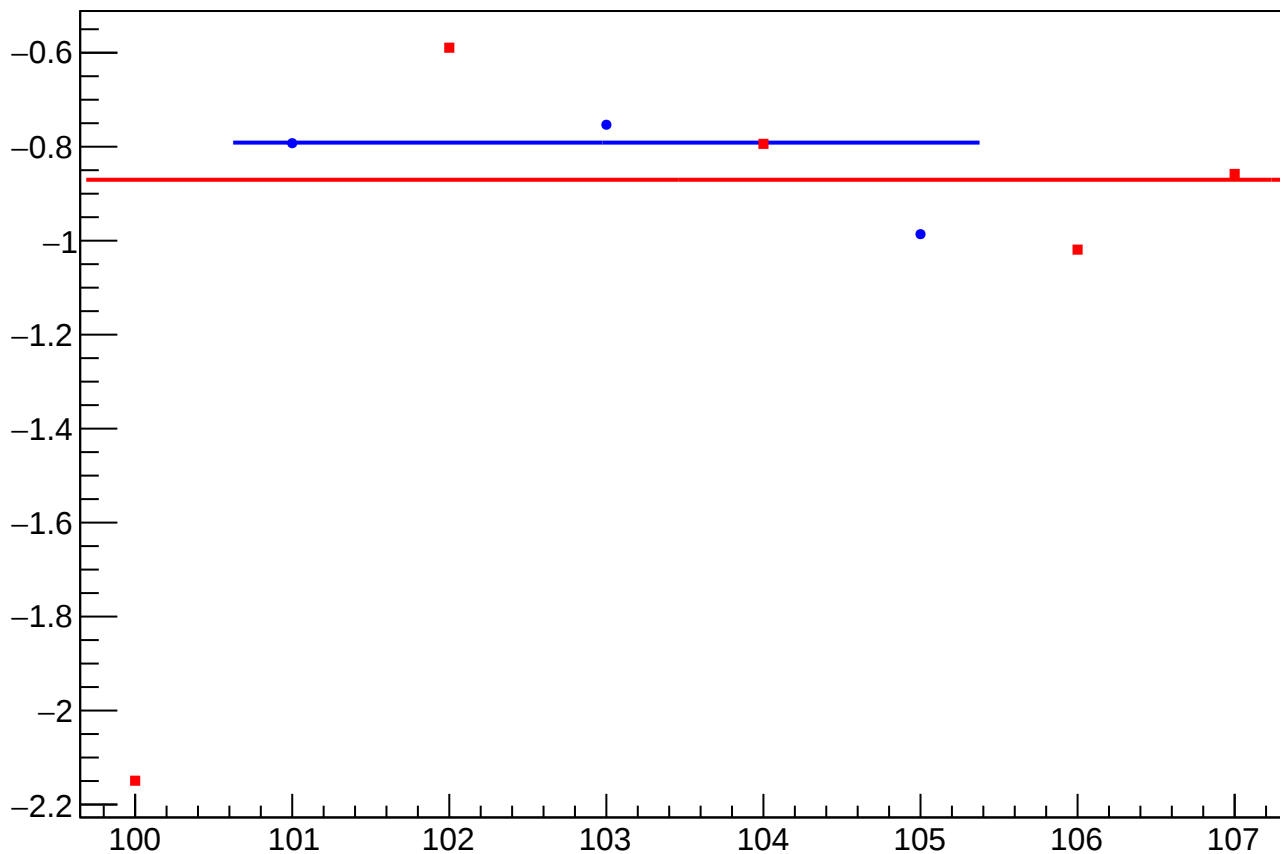
Right Out: 0.016+/-0.000 χ^2/NDF : 93675.0/4

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

0.016+/-0.000 χ^2/NDF : 122534.4/2

0.016+/-0.000 χ^2/NDF : 93675.0/4

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

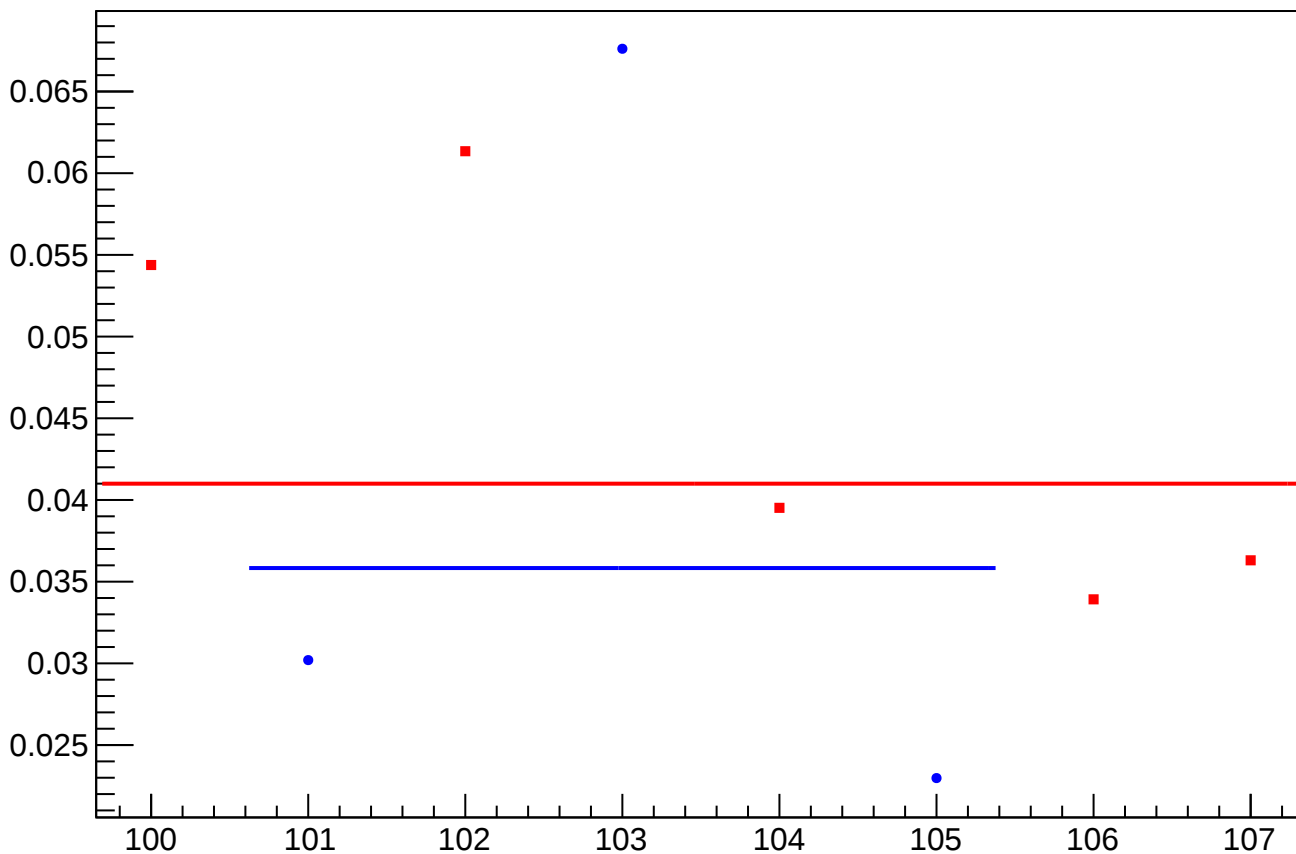
Right Out: -0.870+/-0.000 χ^2/NDF : 51449546.3/4

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

-0.791+/-0.000 χ^2/NDF : 847582.6/2

-0.870+/-0.000 χ^2/NDF : 51449546.3/4

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

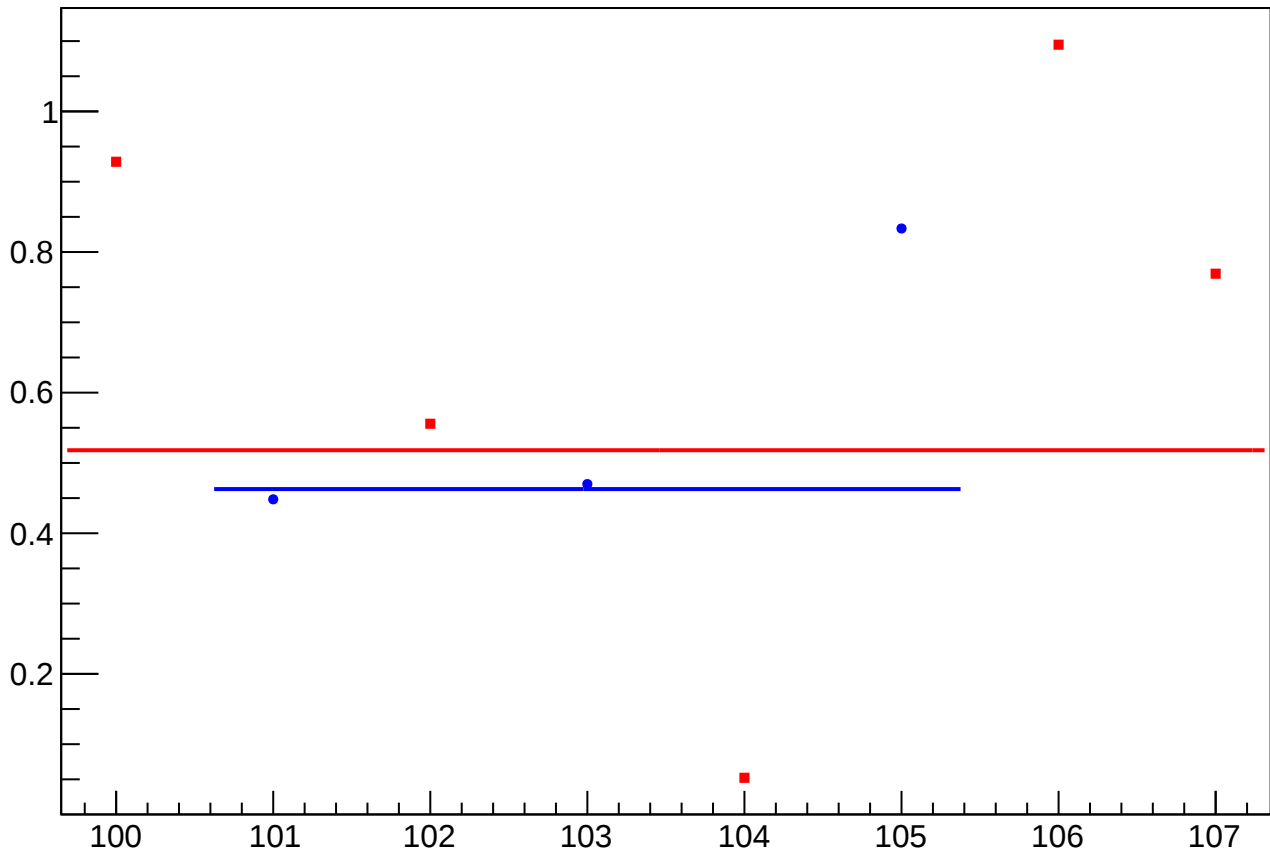
Right Out: 0.041+/-0.000 χ^2/NDF : 144143.8/4

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

0.036+/-0.000 χ^2/NDF : 269480.1/2

0.041+/-0.000 χ^2/NDF : 144143.8/4

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

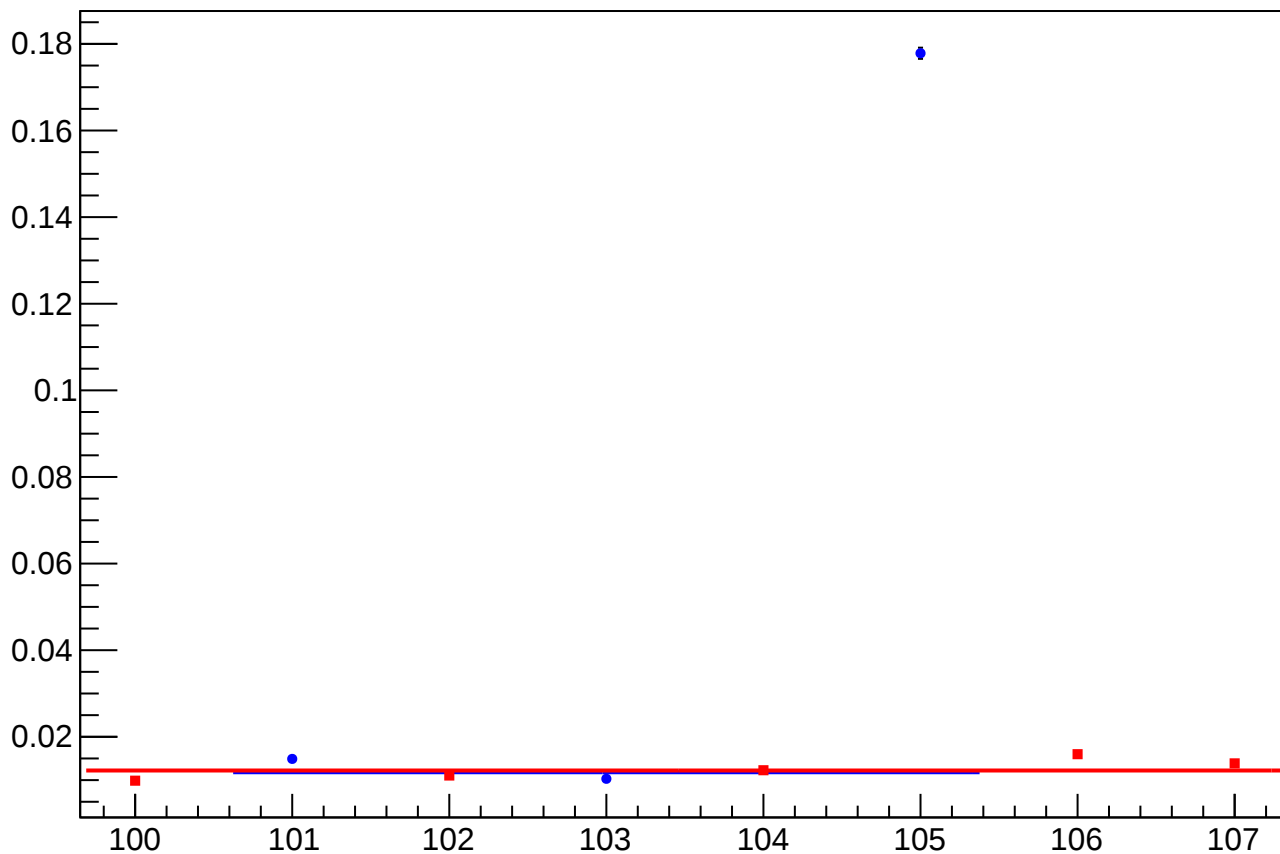
0.463+/-0.000 χ^2/NDF : 809847.4/2

Right Out: 0.518+/-0.000 χ^2/NDF : 1179038428.0/4

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

0.518+/-0.000 χ^2/NDF : 1179038428.0/4

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

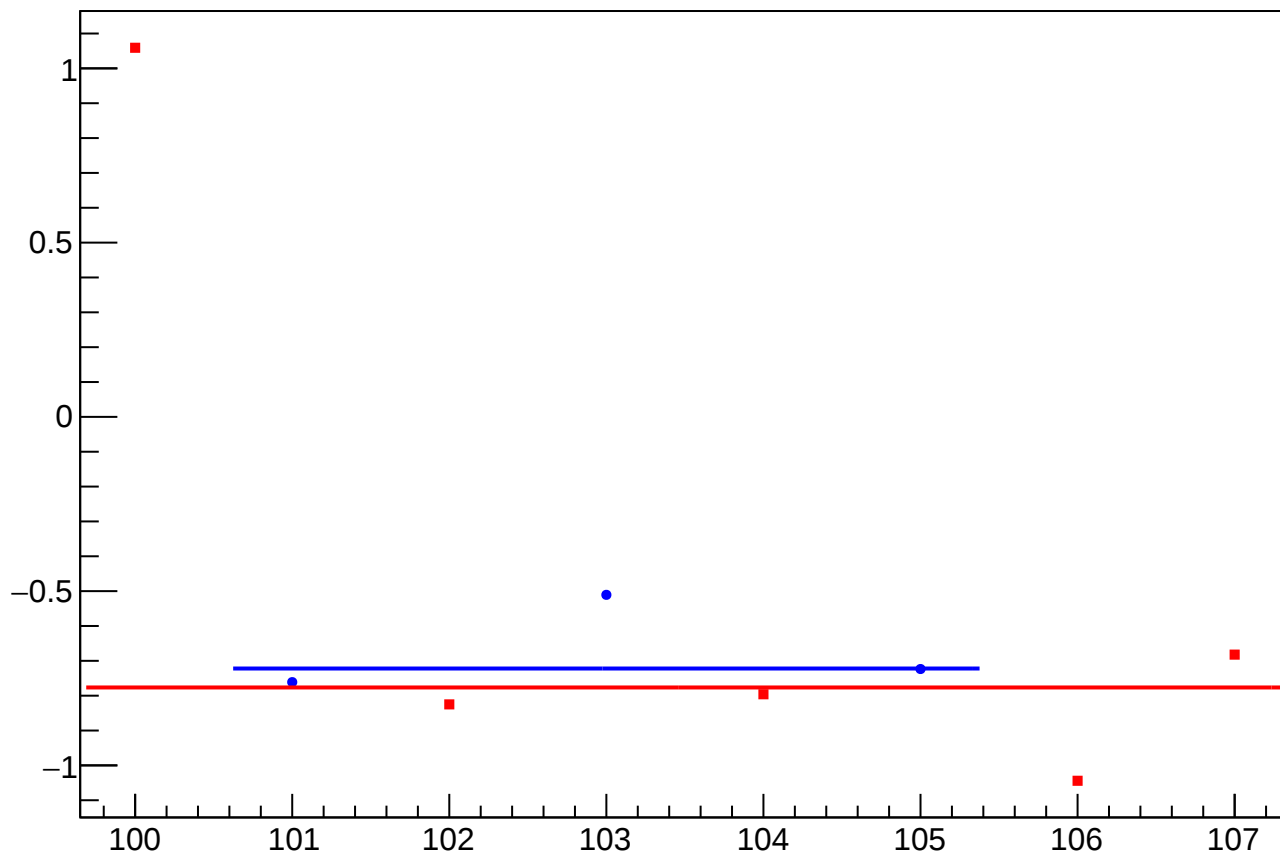
Right Out: 0.012+/-0.000 χ^2/NDF : 54741.9/4

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 : 54741.9/4

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

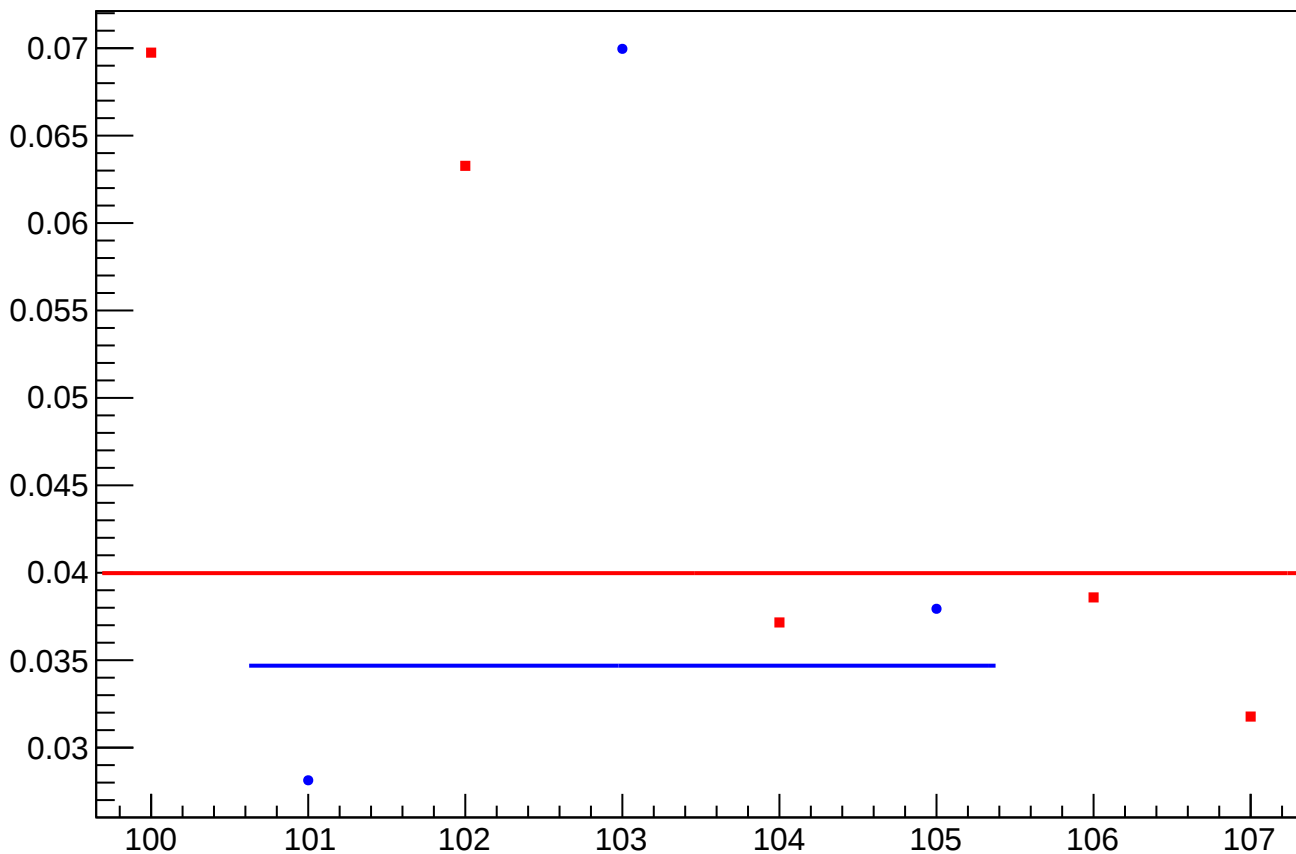
Right Out: -0.776+/-0.000 χ^2/NDF : 61738628.3/4

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

-0.722+/-0.000 χ^2/NDF : 5899591.7/2

-0.776+/-0.000 χ^2/NDF : 61738628.3/4

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

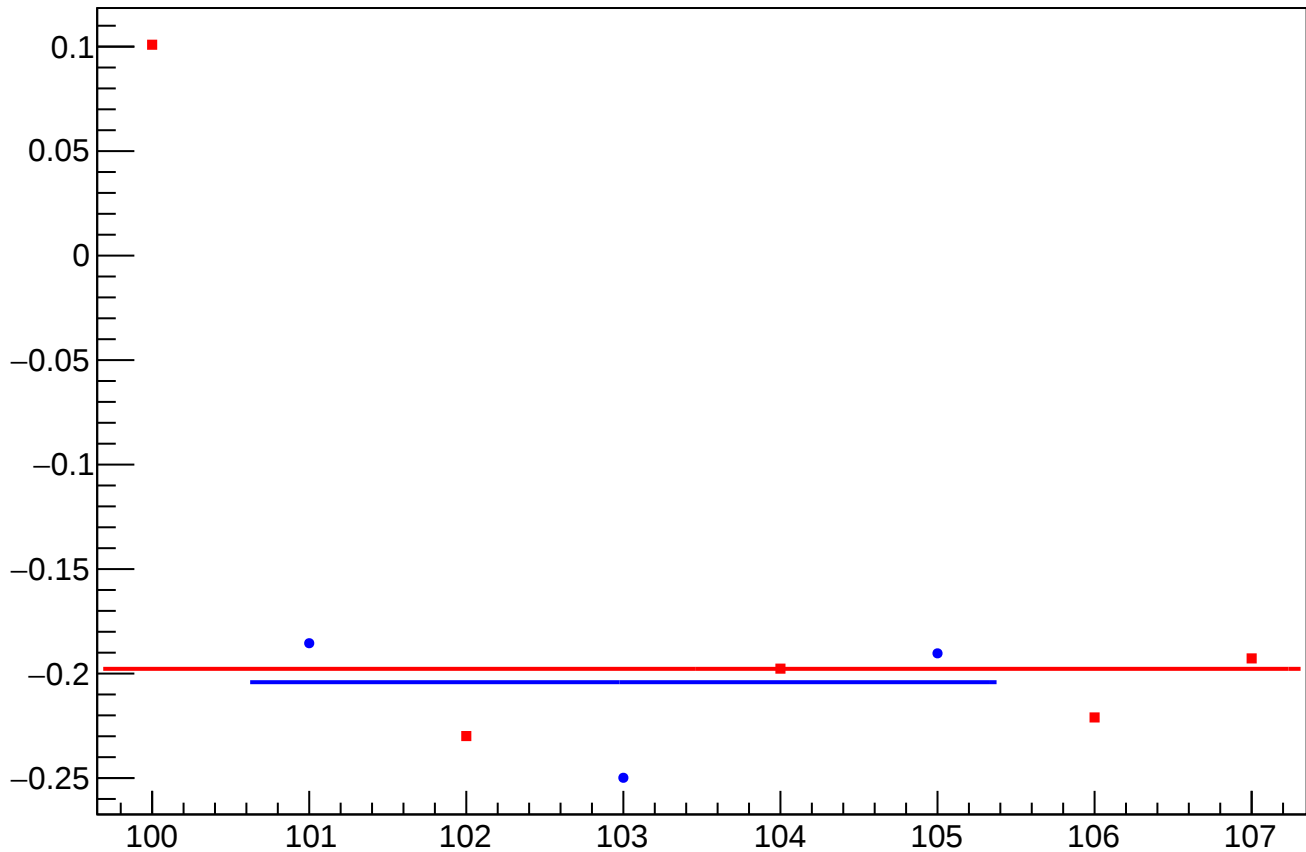
Right Out: 0.040+/-0.000 χ^2/NDF : 195126.6/4

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

0.035+/-0.000 χ^2/NDF : 329227.0/2

0.040+/-0.000 χ^2/NDF : 195126.6/4

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

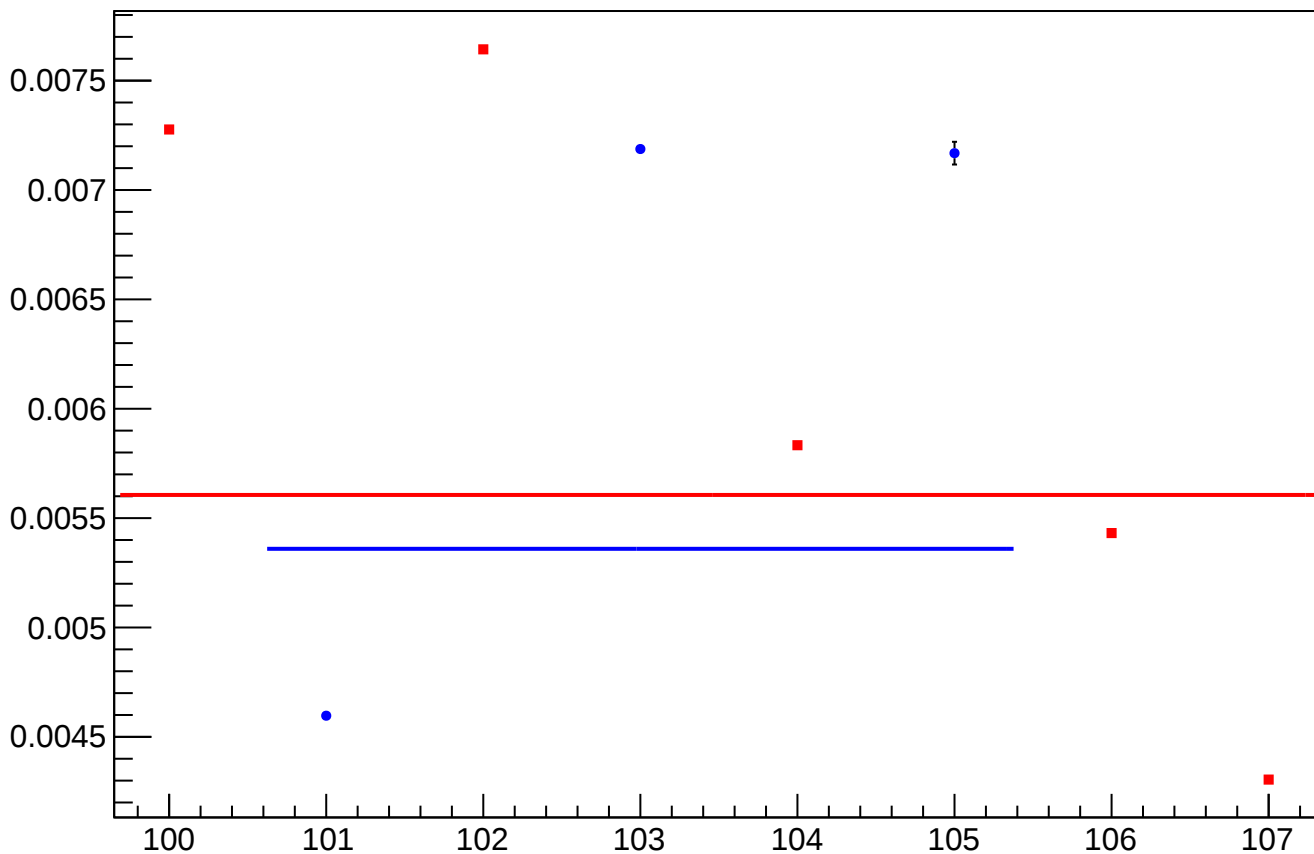
-0.204 $\pm$ 0.000 χ^2 /NDF: 30075396.9/2

Right Out: -0.198 $\pm$ 0.000 χ^2 /NDF: 127985816.5/4

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

-0.198 $\pm$ 0.000 χ^2 /NDF: 127985816.5/4

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

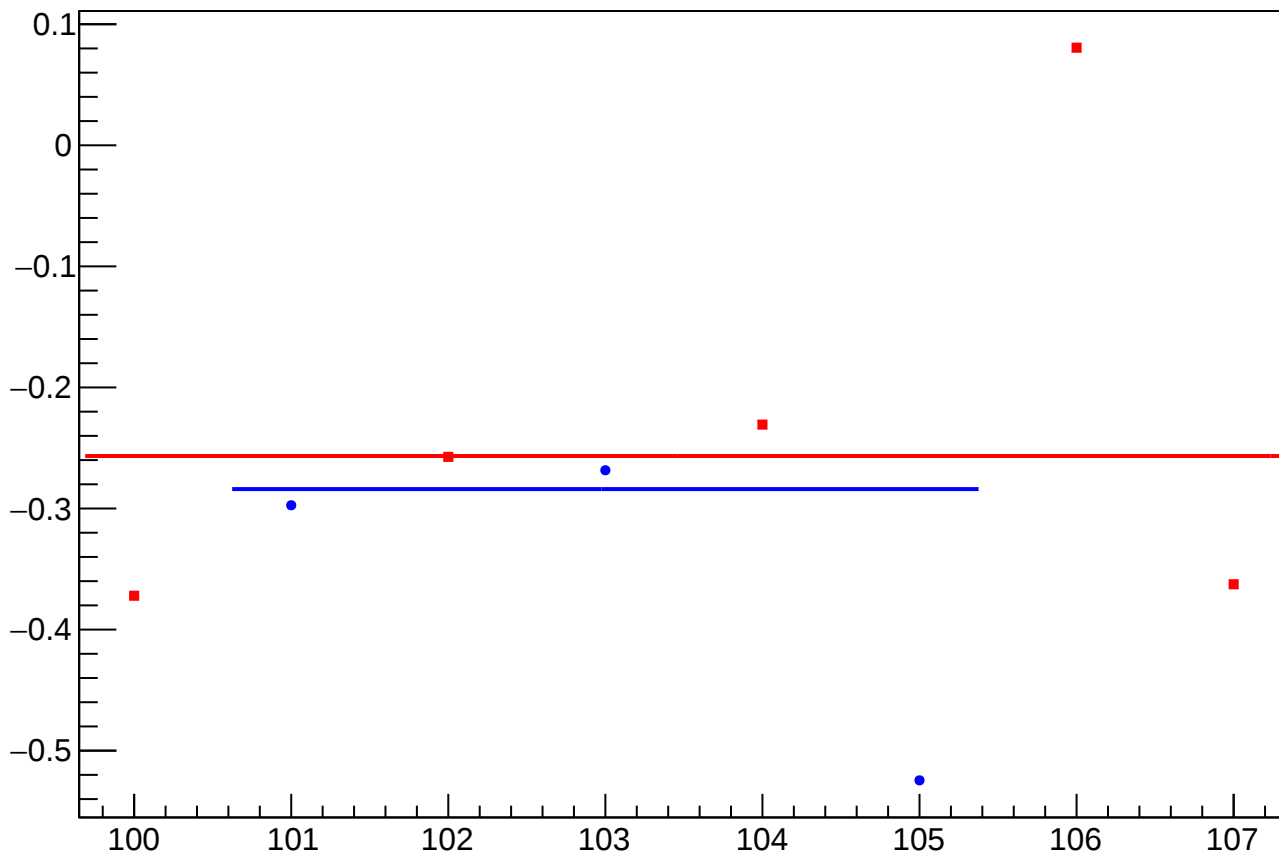
Right Out: 0.006+/-0.000 χ^2/NDF : 135649.1/4

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 : 135649.1/4

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

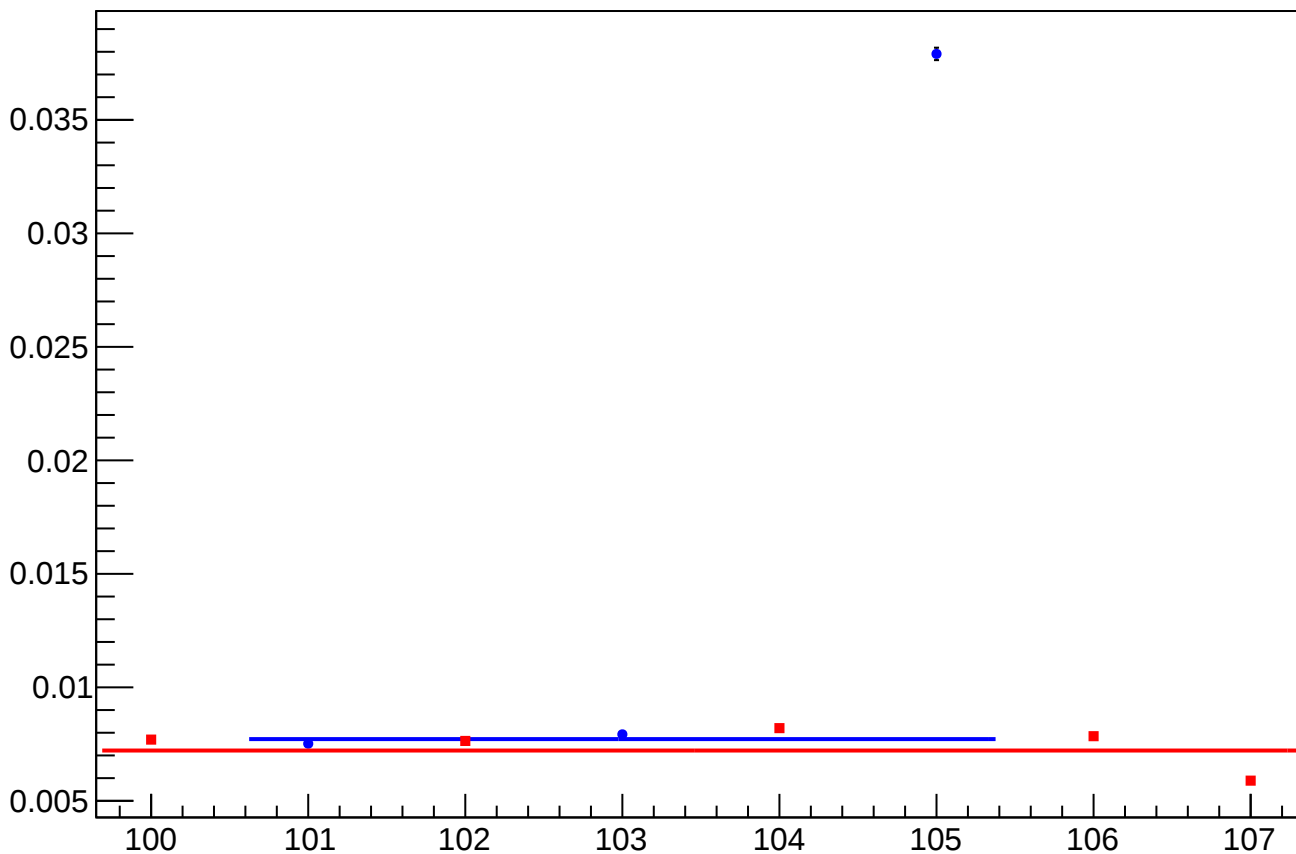
Right Out: -0.257+/-0.000 χ^2/NDF : 483849530.4/4

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

-0.284+/-0.000 χ^2/NDF : 4398284.8/2

-0.257+/-0.000 χ^2/NDF : 483849530.4/4

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

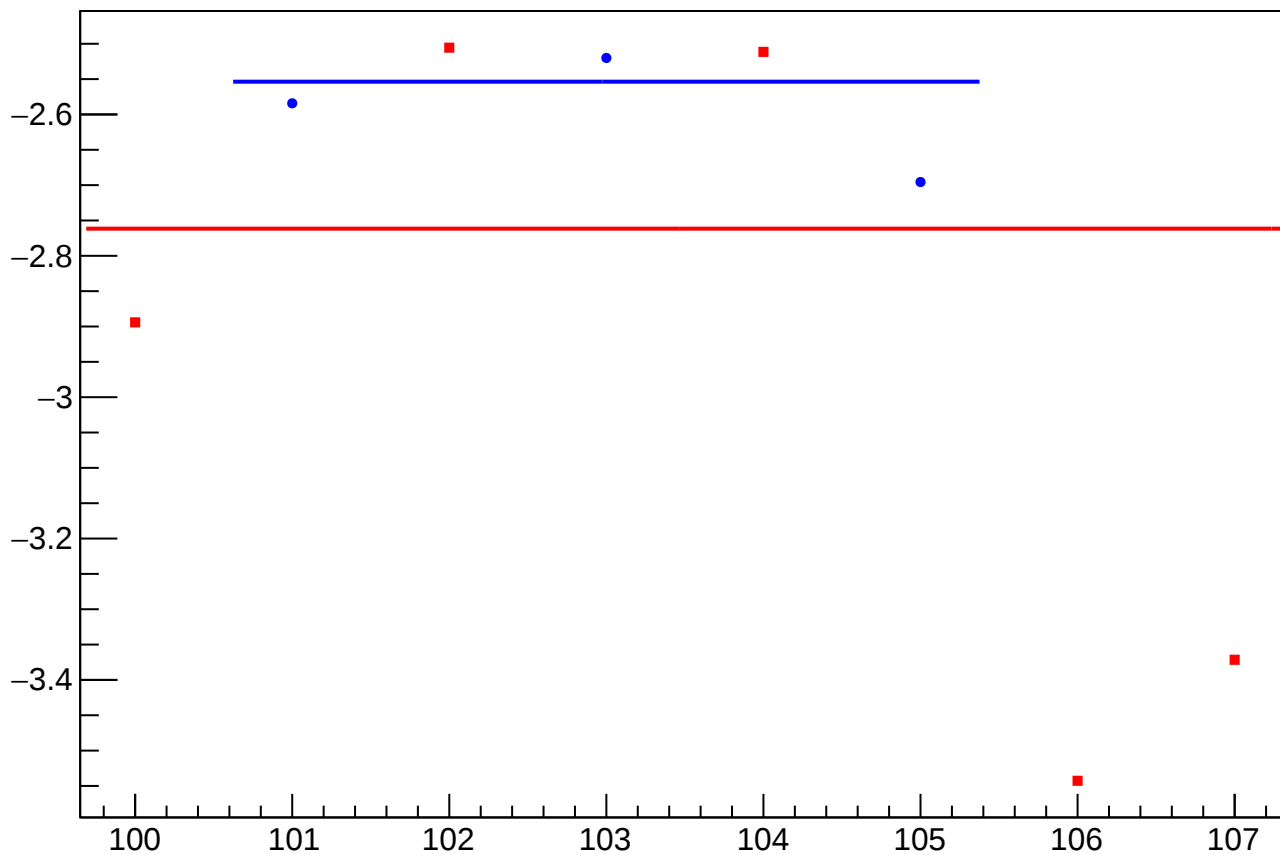
Right Out: 0.007+/-0.000 χ^2/NDF : 56145.0/4

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

0.008+/-0.000 χ^2/NDF : 13700.7/2

0.007+/-0.000 χ^2/NDF : 56145.0/4

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

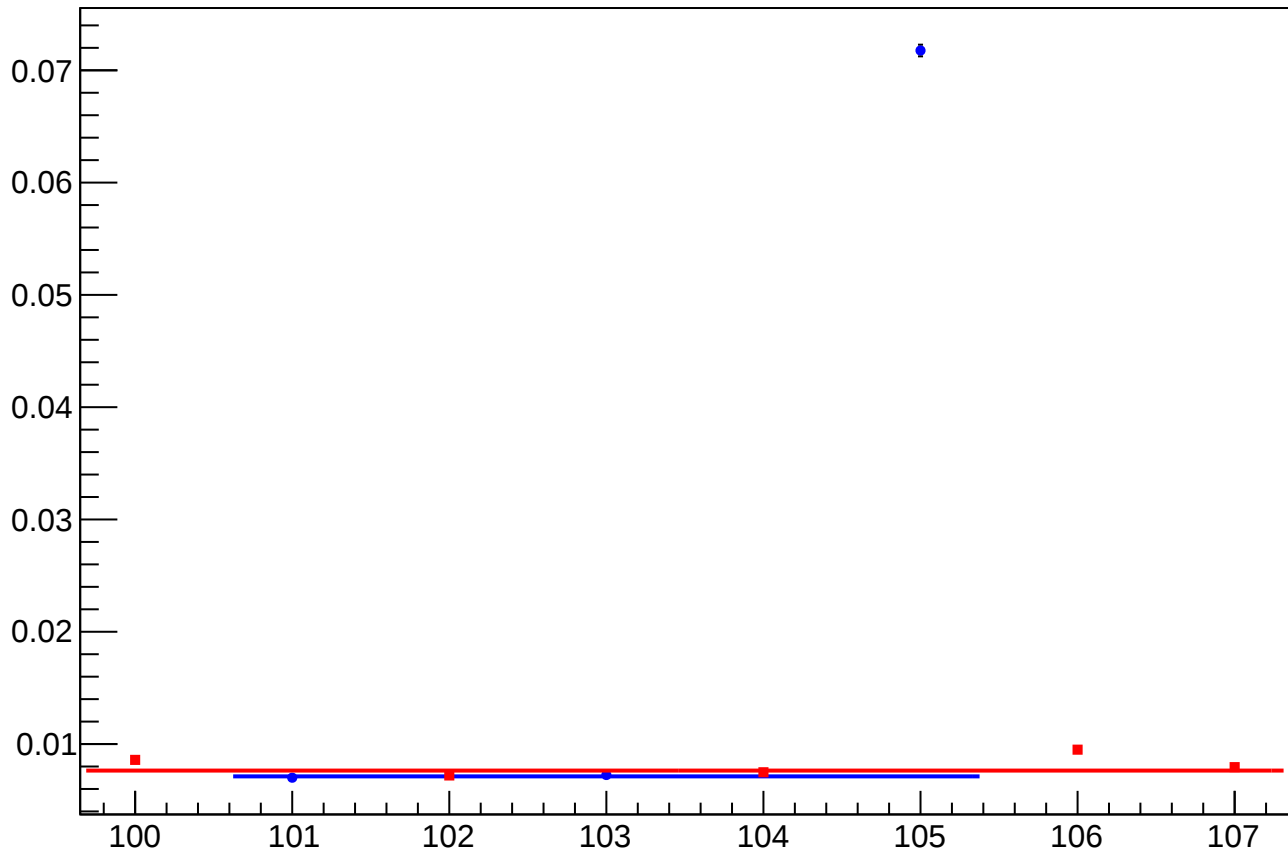
Right Out: -2.762+/-0.000 χ^2/NDF : 4245242643.2/4

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

-2.554+/-0.000 χ^2/NDF : 22730833.0/2

-2.762+/-0.000 χ^2/NDF : 4245242643.2/4

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

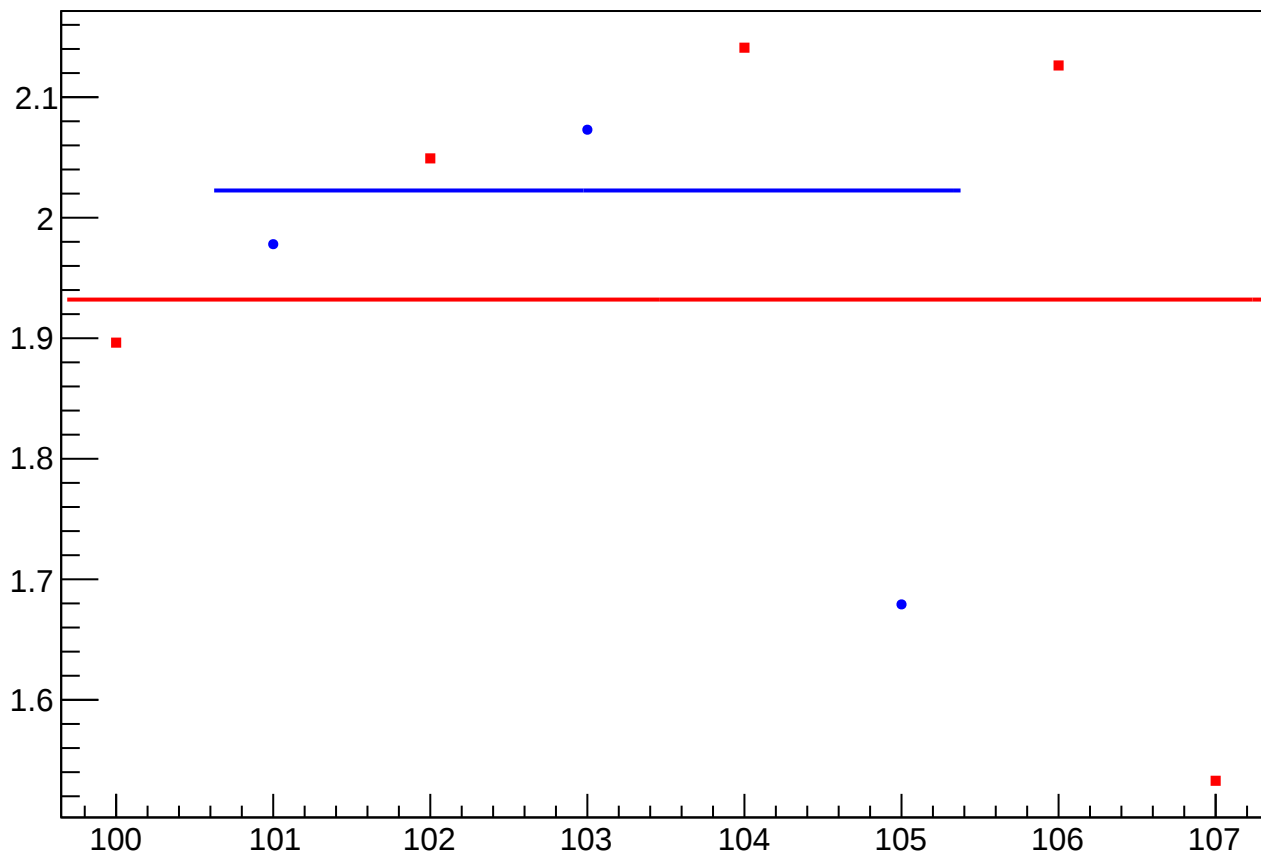
Right Out: 0.008+/-0.000 χ^2/NDF : 18534.7/4

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 : 18534.7/4

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

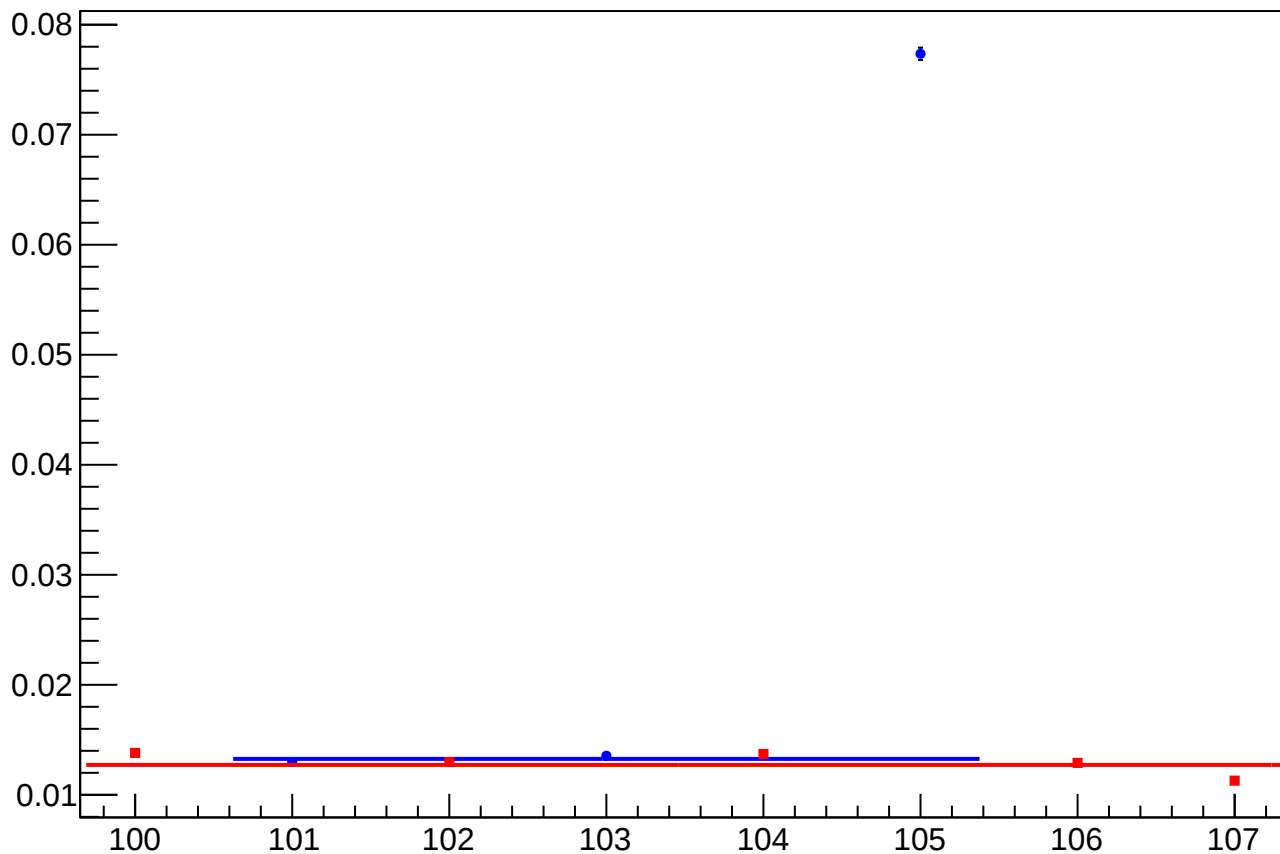
Right Out: 1.932+/-0.000 χ^2/NDF : 642250663.2/4

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

2.023+/-0.000 χ^2/NDF : 14862541.9/2

1.932+/-0.000 χ^2/NDF : 642250663.2/4

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

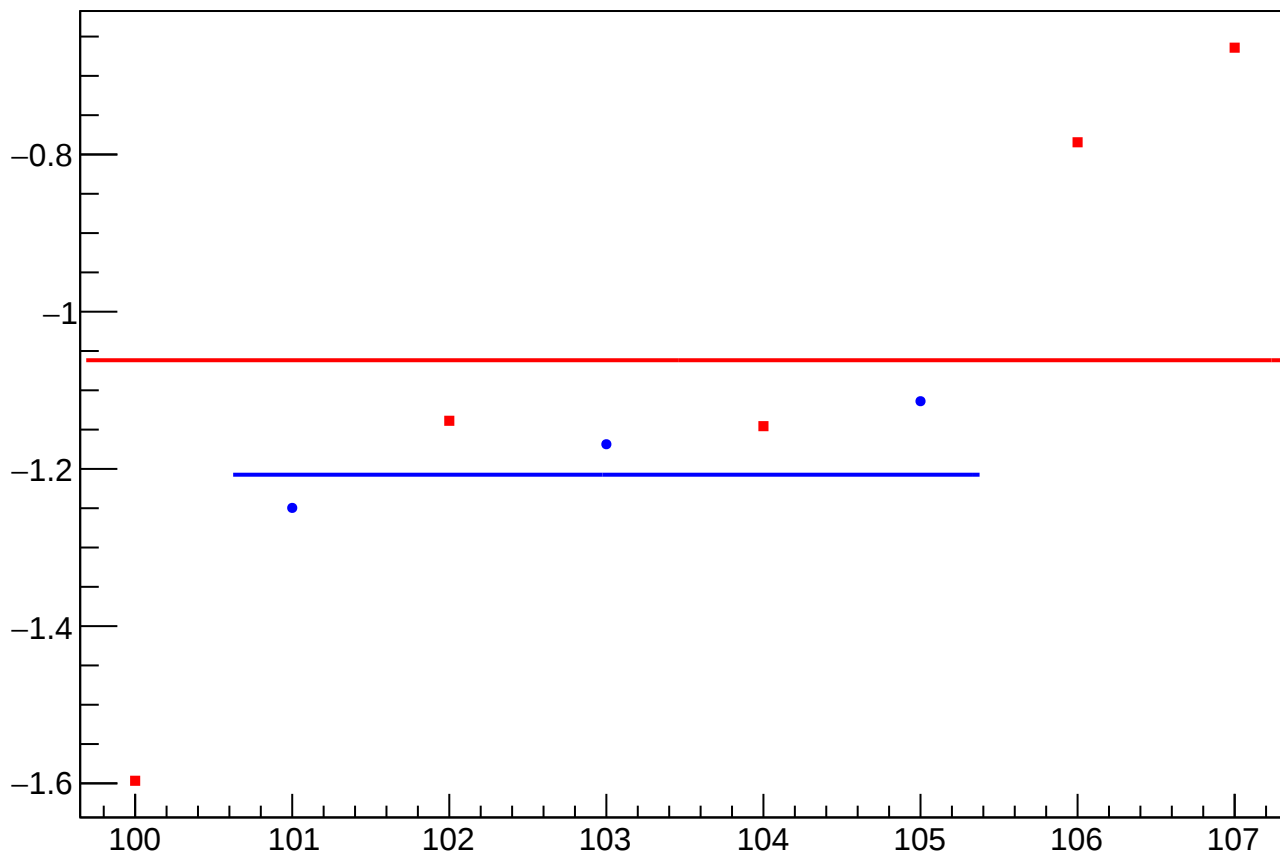
Right Out: 0.013+/-0.000 χ^2/NDF : 17839.1/4

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 : 17839.1/4

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

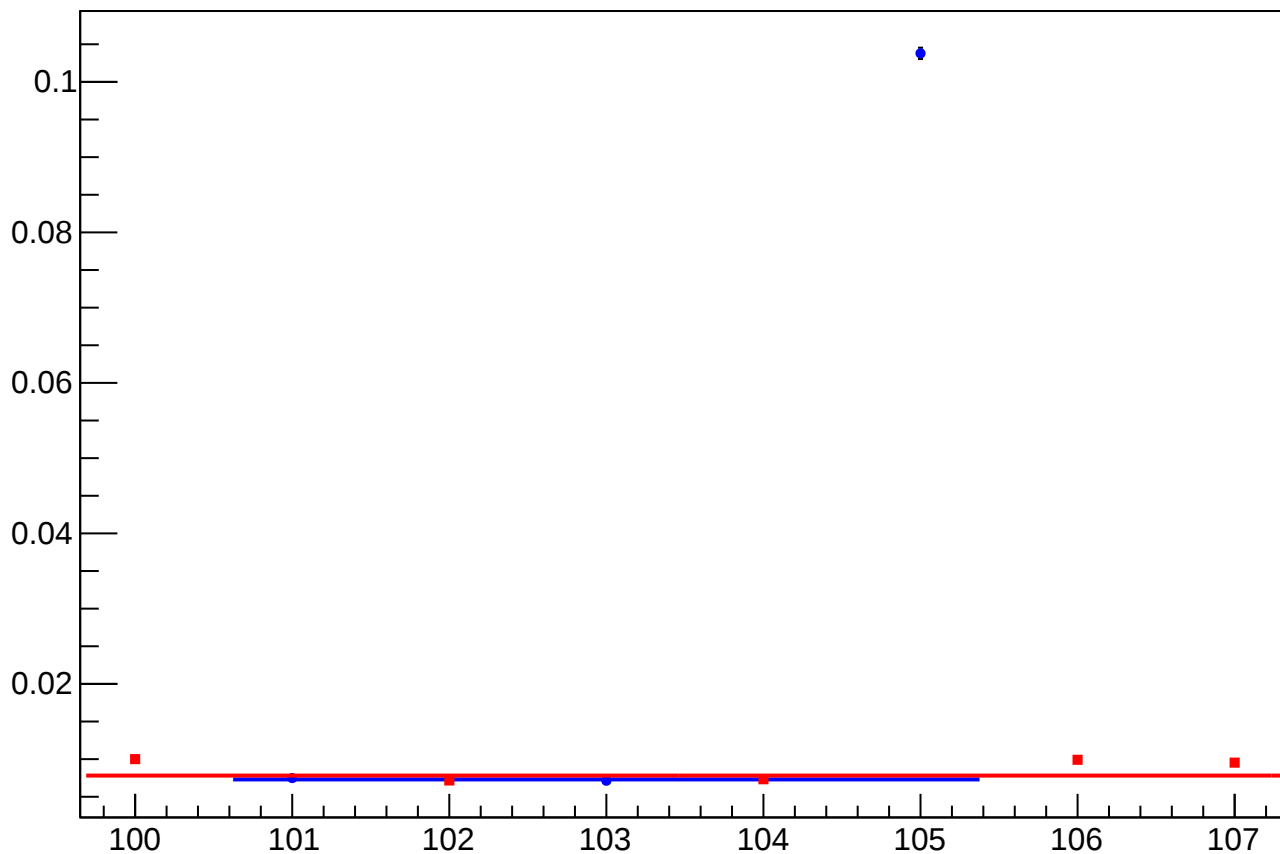
Right Out: -1.062+/-0.000 χ^2/NDF : 1002586501.3/4

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

-1.207+/-0.000 χ^2/NDF : 33621036.8/2

-1.062+/-0.000 χ^2/NDF : 1002586501.3/4

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

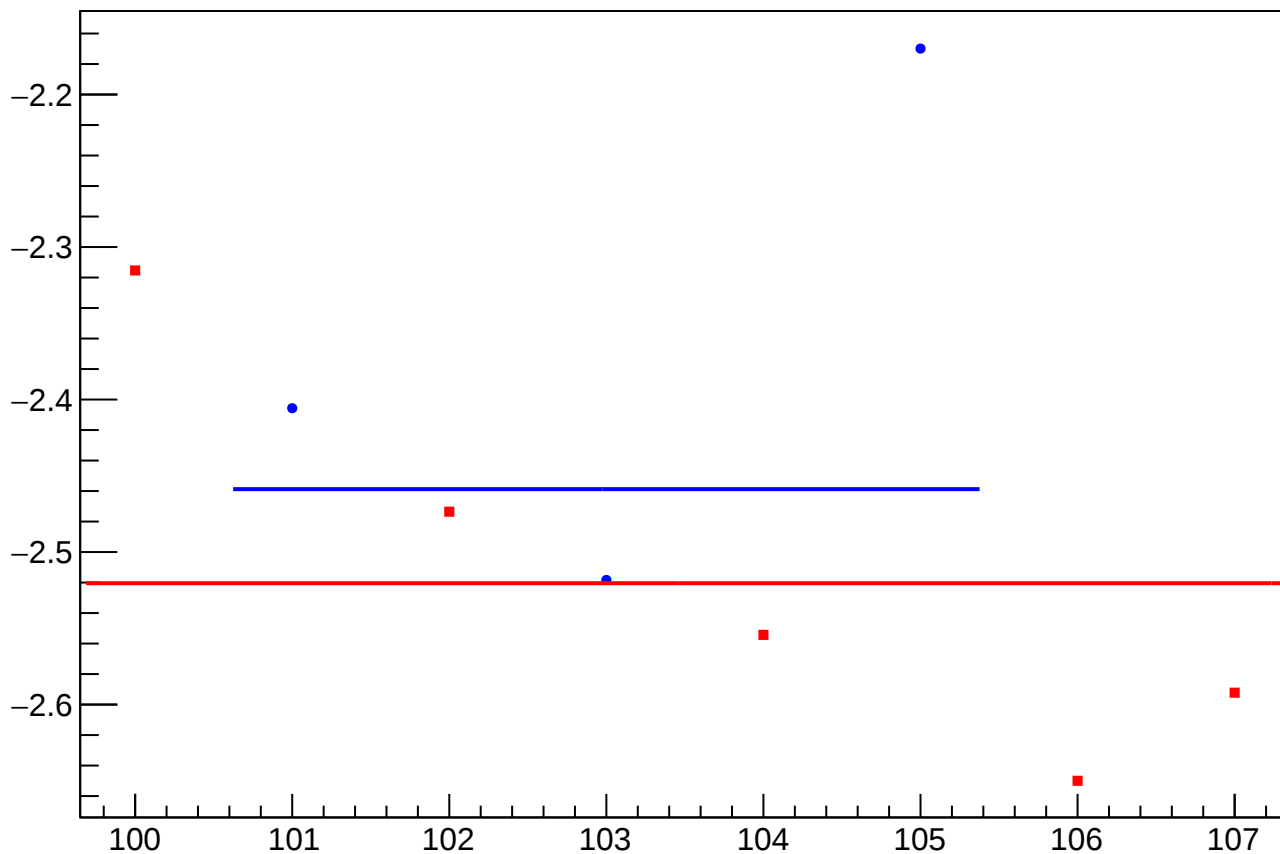
Right Out: 0.008+/-0.000 χ^2/NDF : 53188.1/4

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 : 53188.1/4

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

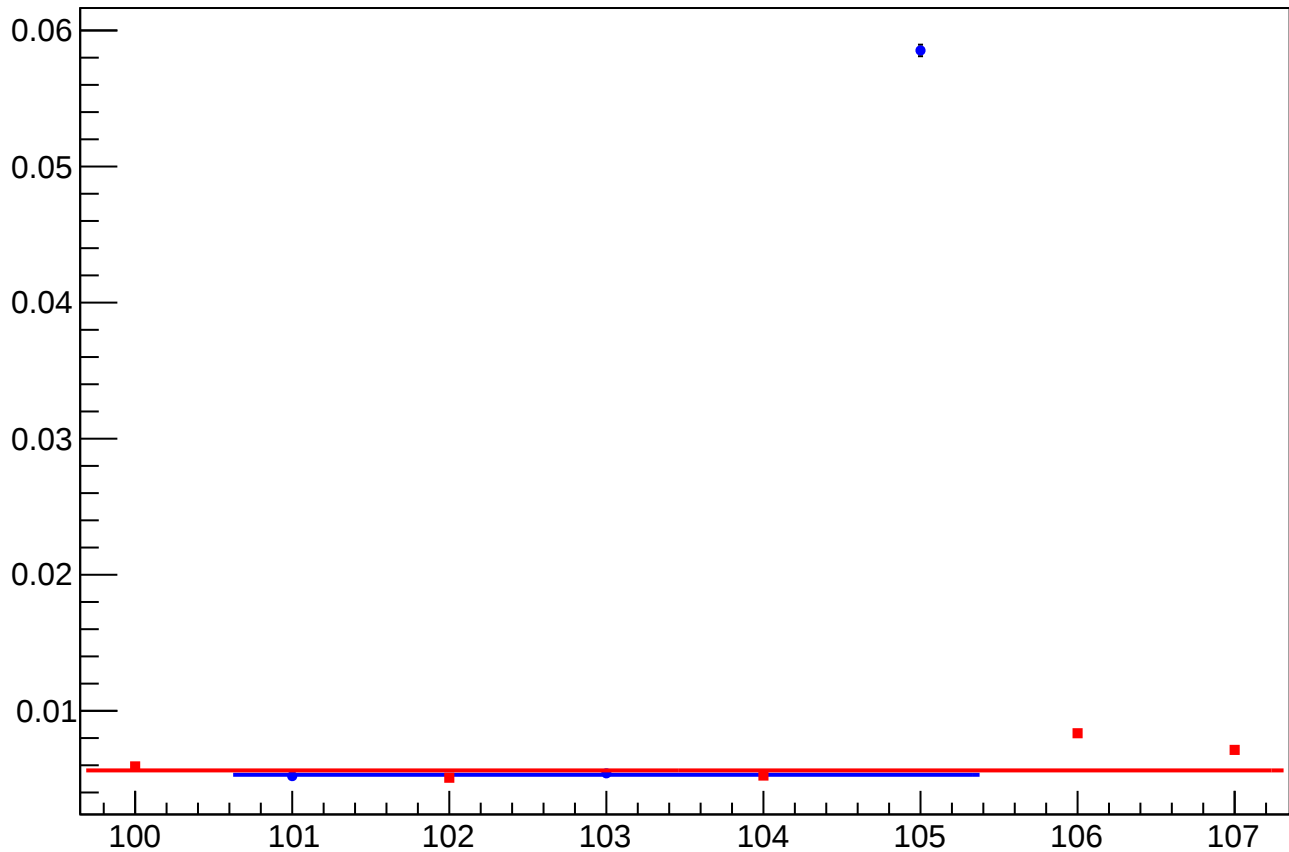
Right Out: -2.520+/-0.000 χ^2/NDF : 222446356.0/4

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

-2.459+/-0.000 χ^2/NDF : 125904759.9/2

-2.520+/-0.000 χ^2/NDF : 222446356.0/4

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

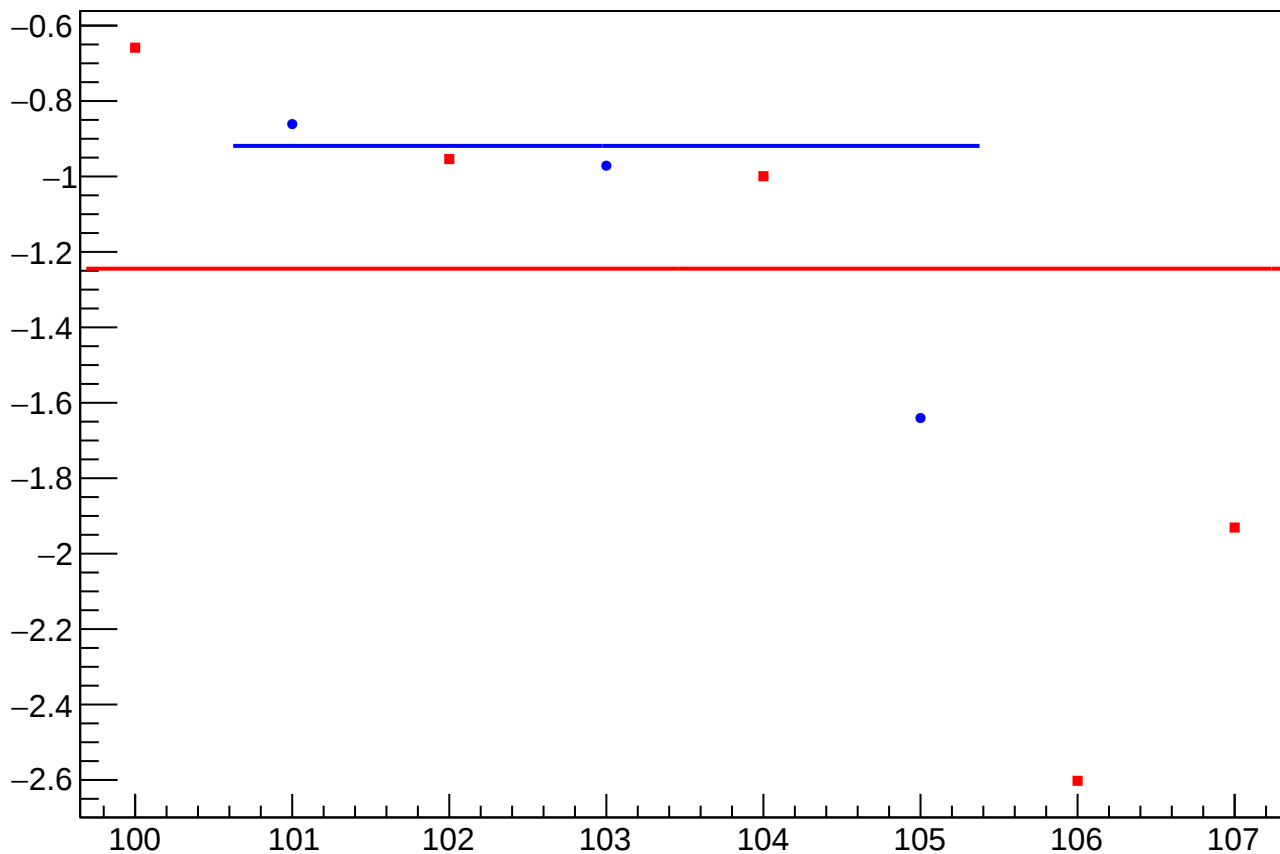
Right Out: 0.006+/-0.000 χ^2/NDF : 83902.6/4

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

0.005+/-0.000 χ^2/NDF : 16577.2/2

0.006+/-0.000 χ^2/NDF : 83902.6/4

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

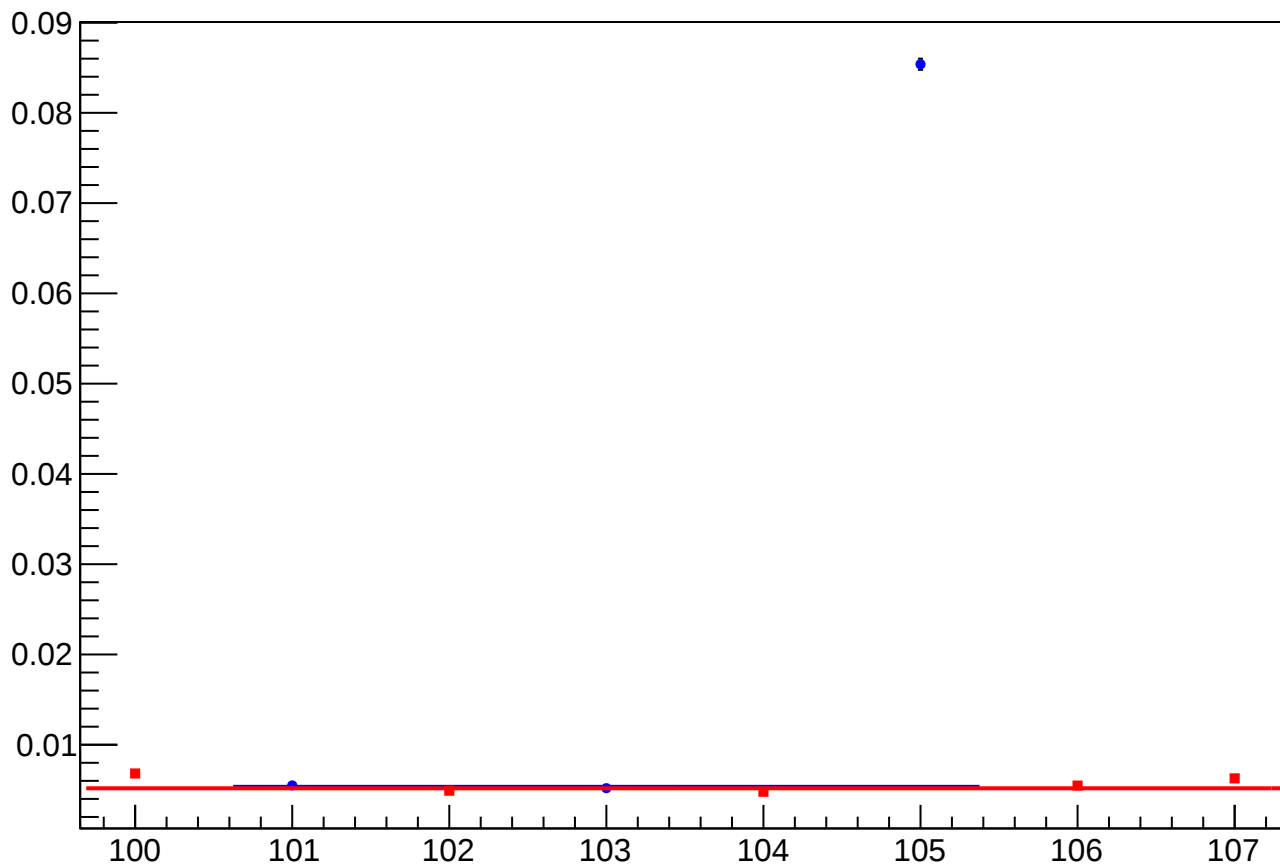
Right Out: -1.244+/-0.000 χ^2/NDF : 15519344563.6/4

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

-0.919+/-0.000 χ^2/NDF : 117759857.8/2

-1.244+/-0.000 χ^2/NDF : 15519344563.6/4

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

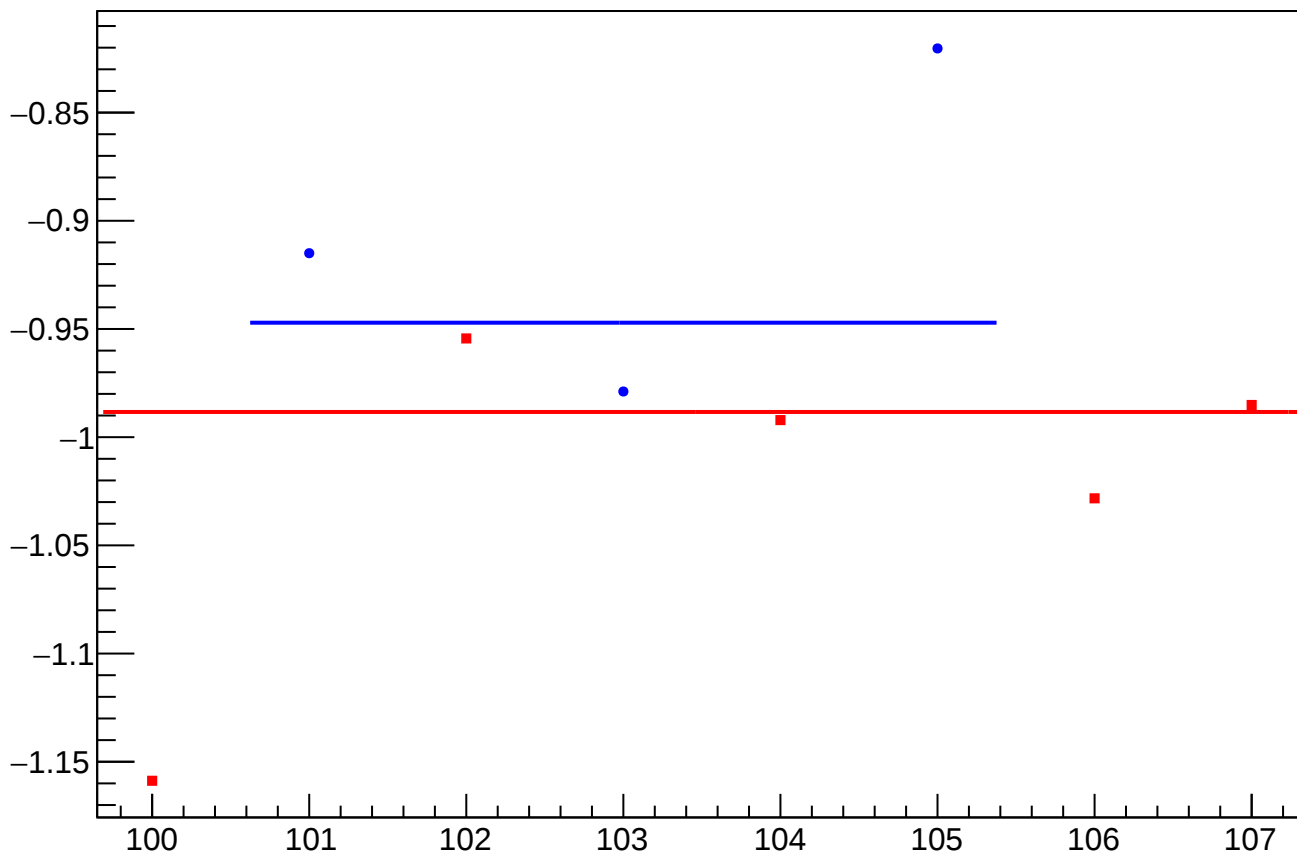
Right Out: 0.005+/-0.000 χ^2/NDF : 37929.3/4

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 : 37929.3/4

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

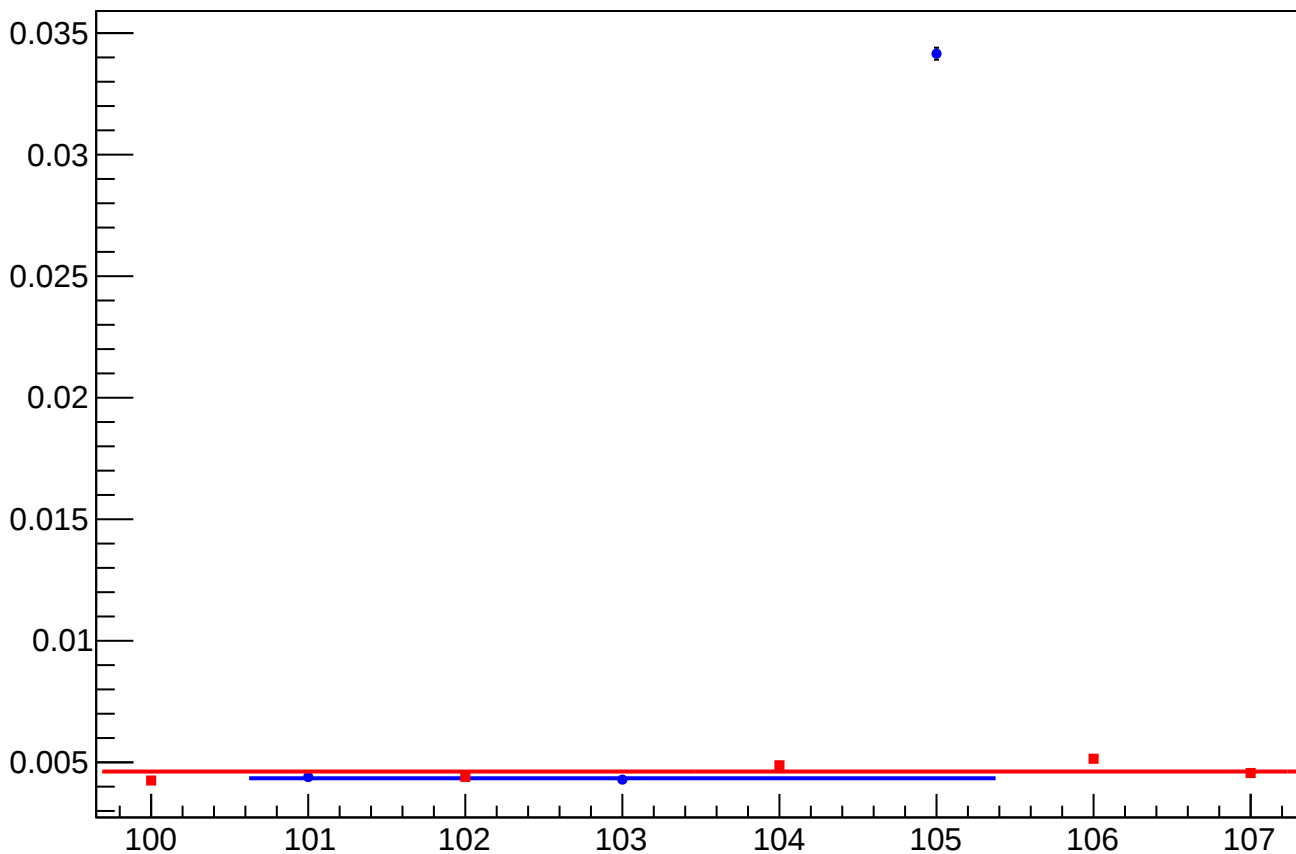
Right Out: -0.988+/-0.000 χ^2/NDF : 153419363.9/4

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

-0.947+/-0.000 χ^2/NDF : 60211064.2/2

-0.988+/-0.000 χ^2/NDF : 153419363.9/4

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

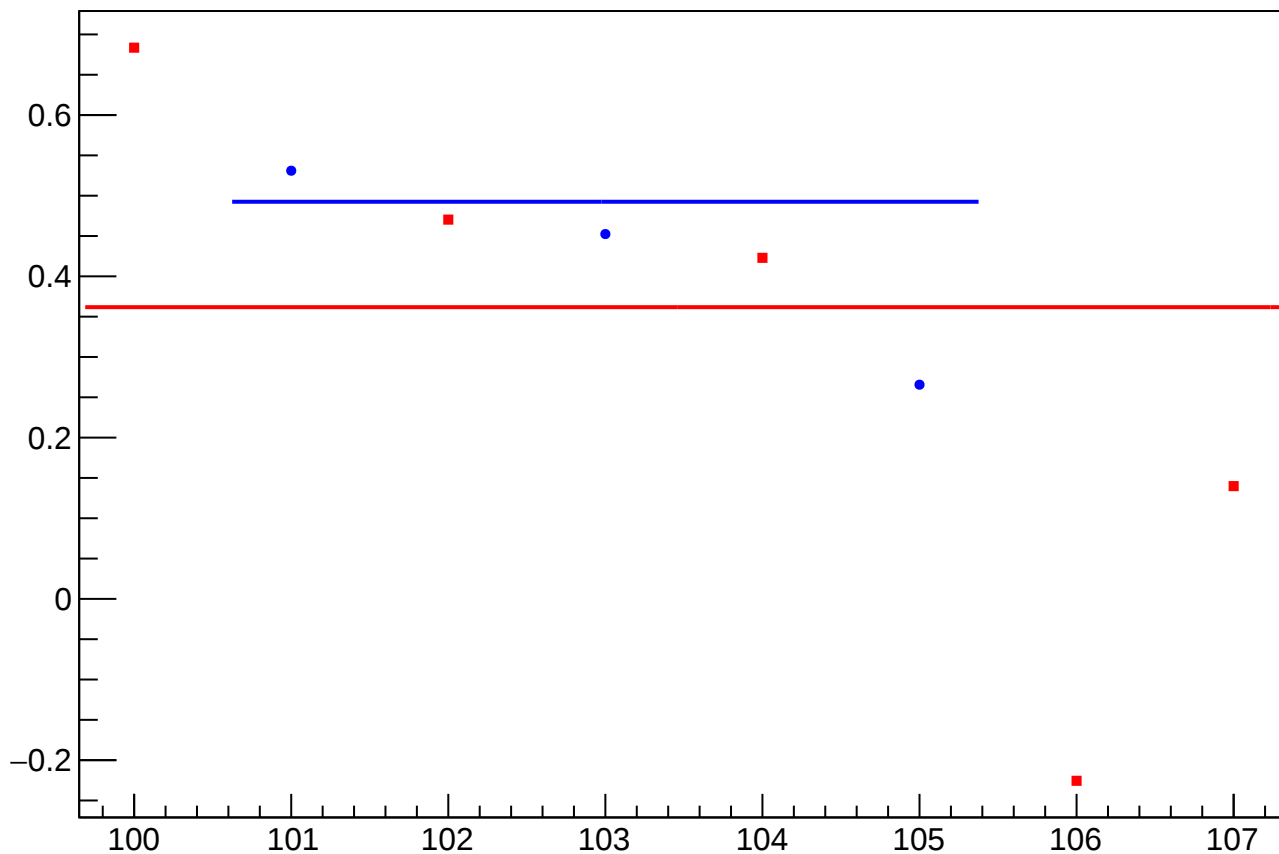
Right Out: 0.005+/-0.000 χ^2/NDF : 9925.1/4

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 : 9925.1/4

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

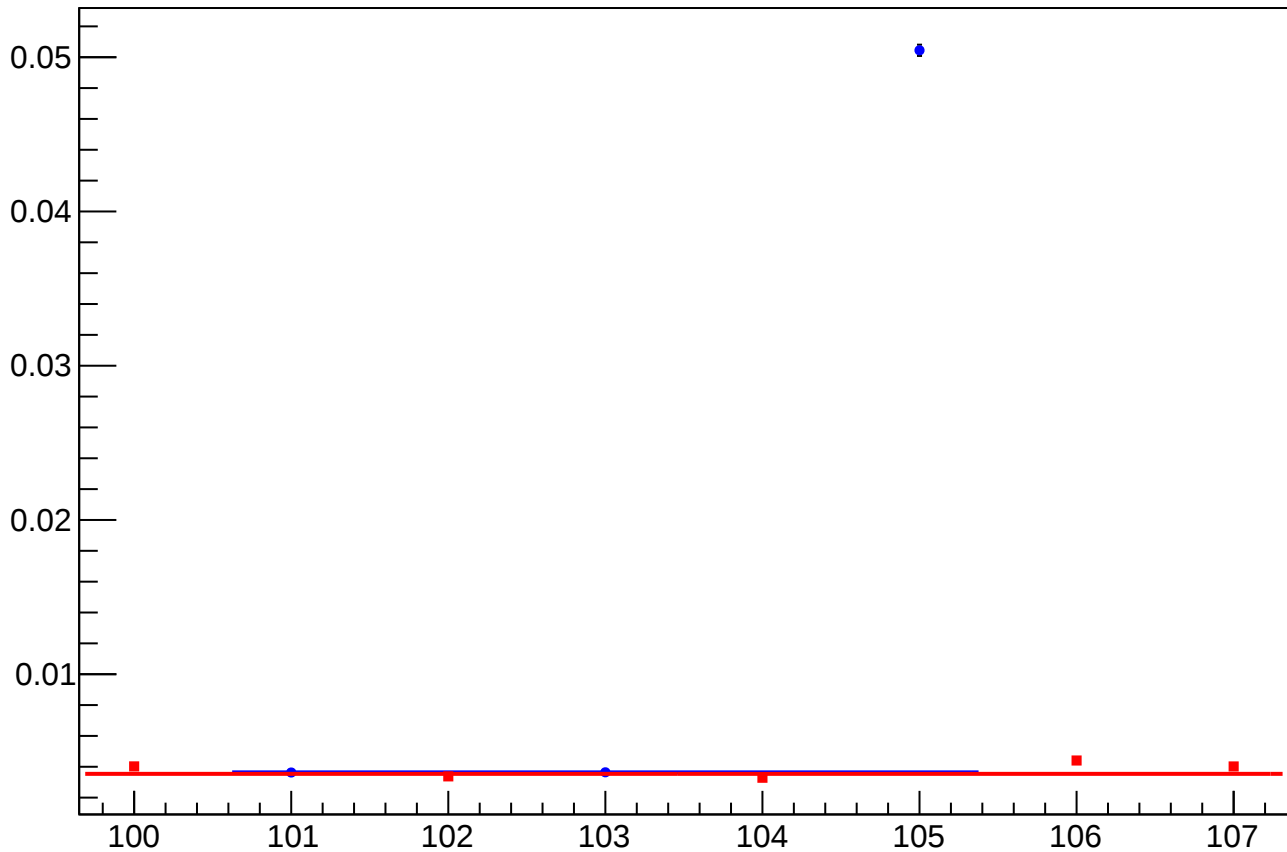
Right Out: 0.362+/-0.000 χ^2/NDF : 4592141654.3/4

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

0.493+/-0.000 χ^2/NDF : 128733973.1/2

0.362+/-0.000 χ^2/NDF : 4592141654.3/4

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

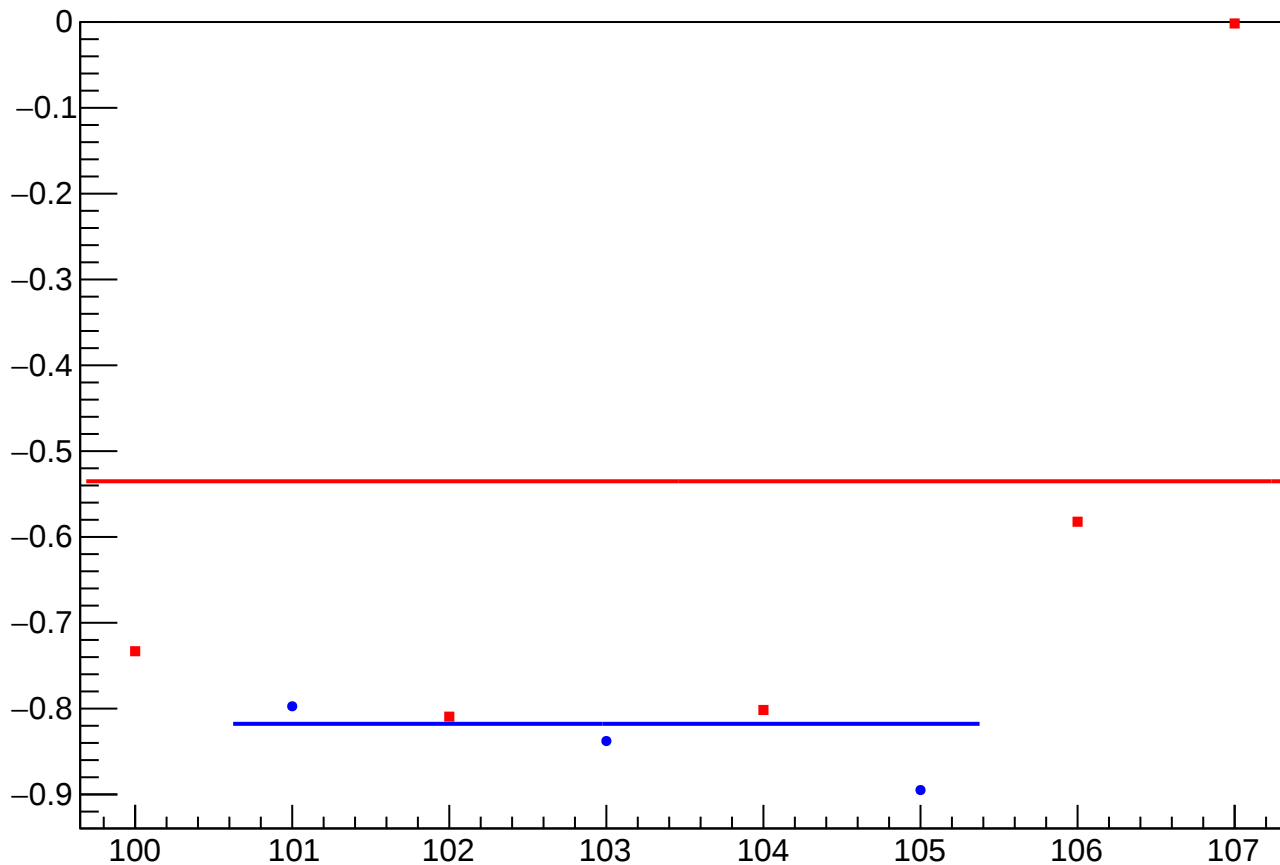
Right Out: 0.004+/-0.000 χ^2/NDF : 30164.0/4

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

0.004+/-0.000 χ^2/NDF : 16410.7/2

0.004+/-0.000 χ^2/NDF : 30164.0/4

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

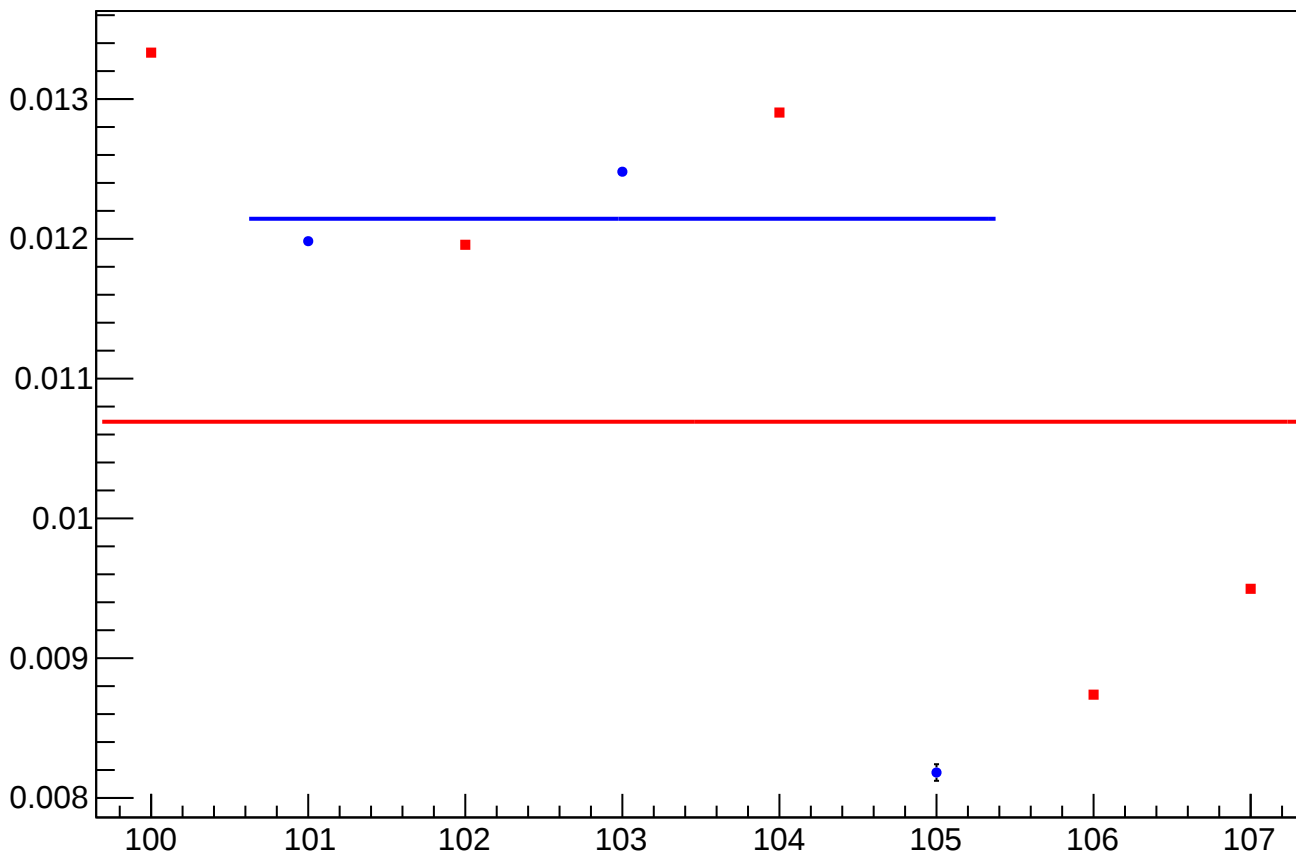
Right Out: -0.535+/-0.000 χ^2/NDF : 1638951732.5/4

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

-0.818+/-0.000 χ^2/NDF : 4011431.1/2

-0.535+/-0.000 χ^2/NDF : 1638951732.5/4

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

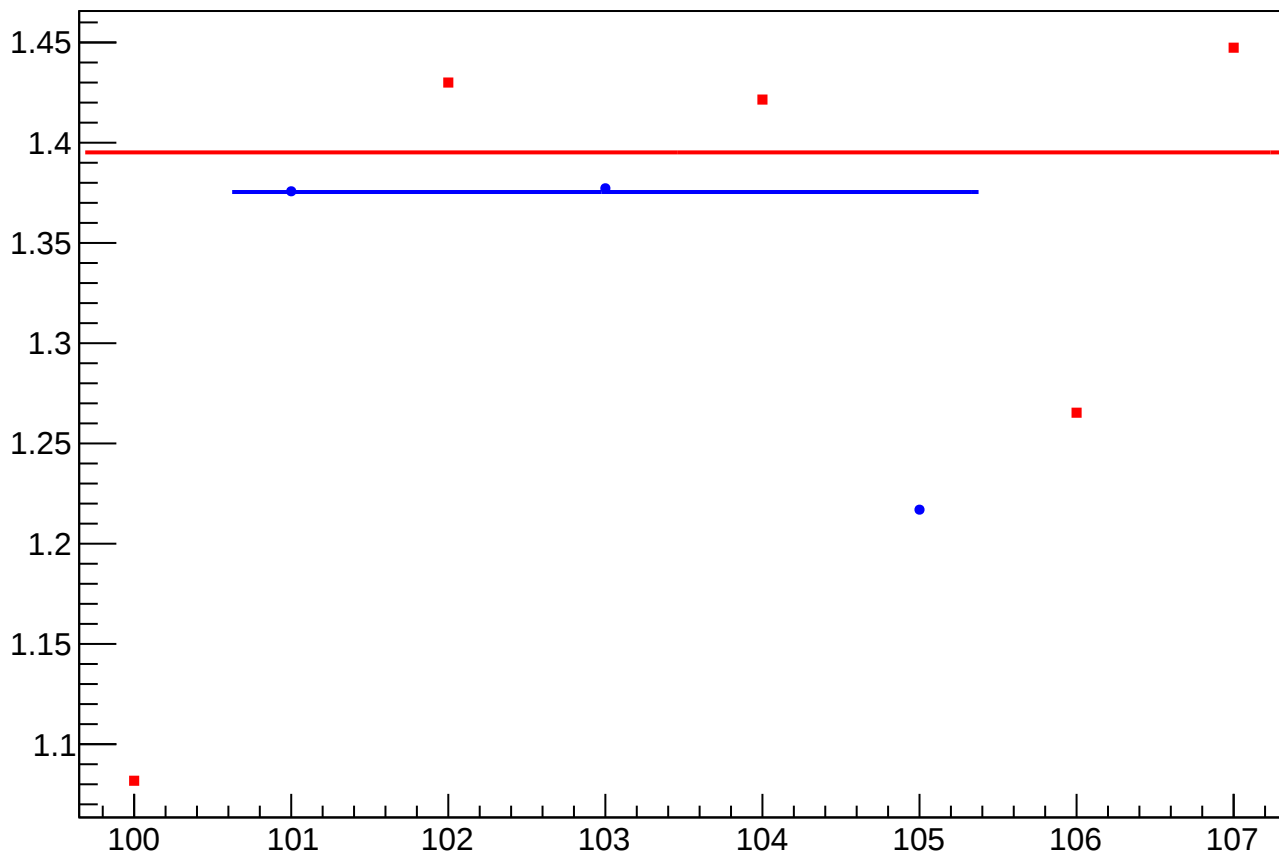
Right Out: 0.011+/-0.000 χ^2/NDF : 87875.6/4

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 : 87875.6/4

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

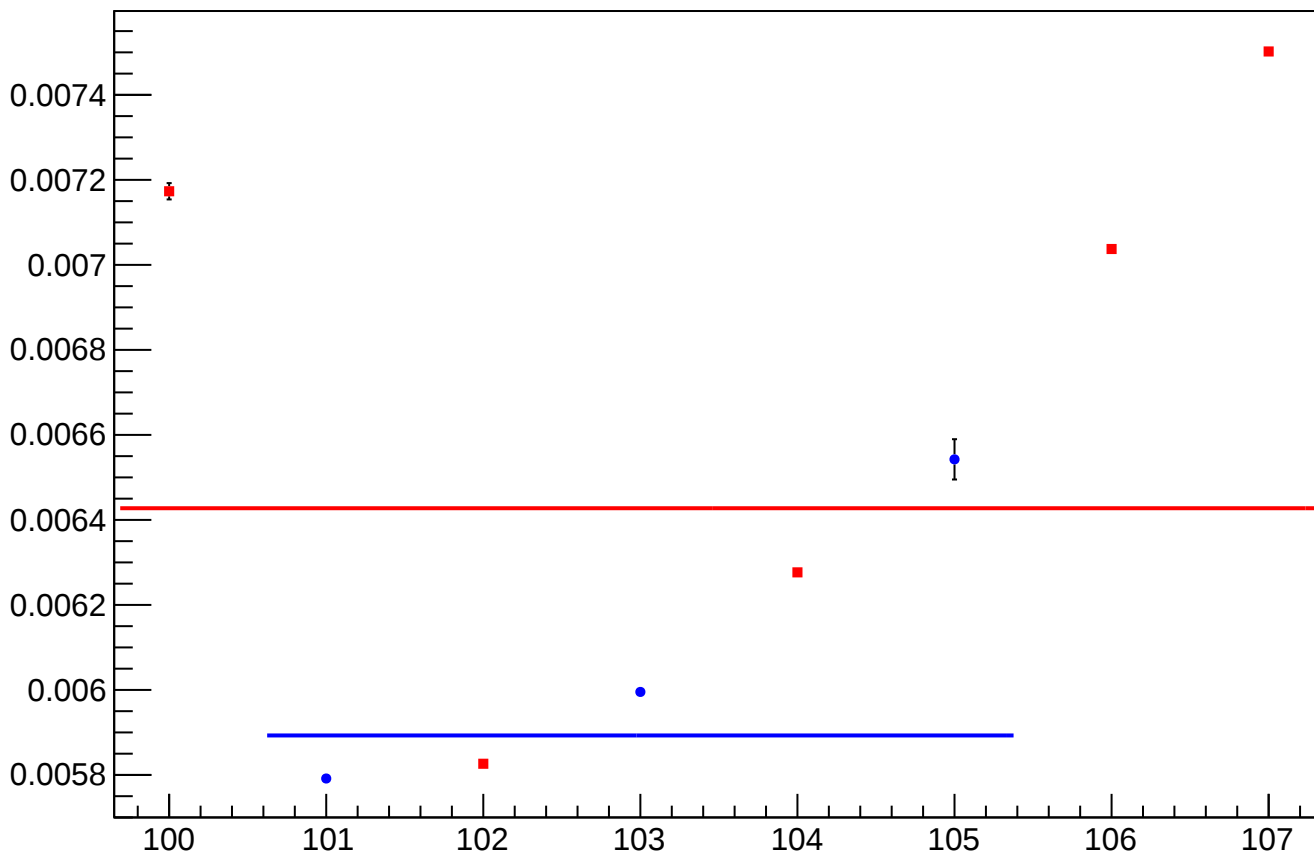
Right Out: 1.395+/-0.000 χ^2/NDF : 279710858.1/4

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

1.375+/-0.000 χ^2/NDF : 5642254.3/2

1.395+/-0.000 χ^2/NDF : 279710858.1/4

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

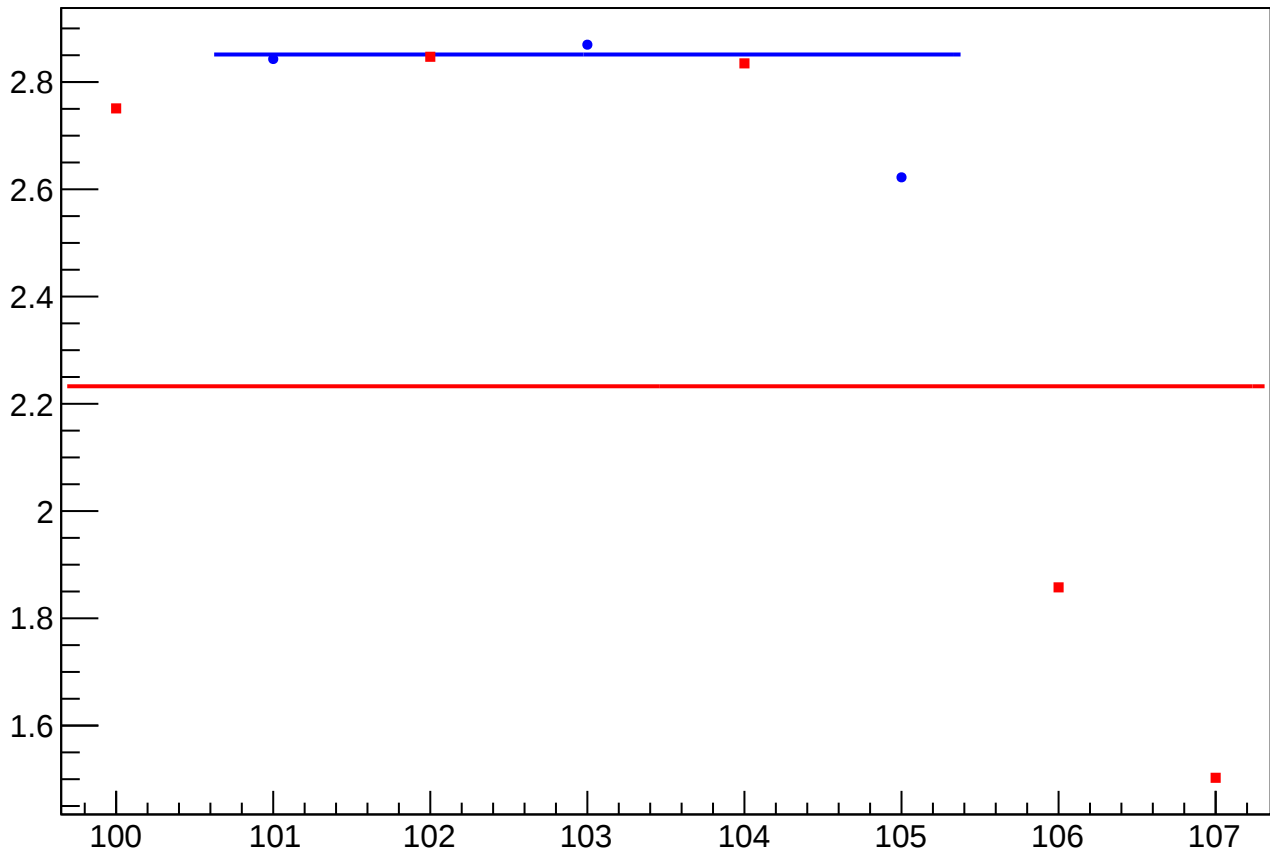
Right Out: 0.006+/-0.000 χ^2/NDF : 32525.9/4

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

0.006+/-0.000 χ^2/NDF : 867.3/2

0.006+/-0.000 χ^2/NDF : 32525.9/4

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

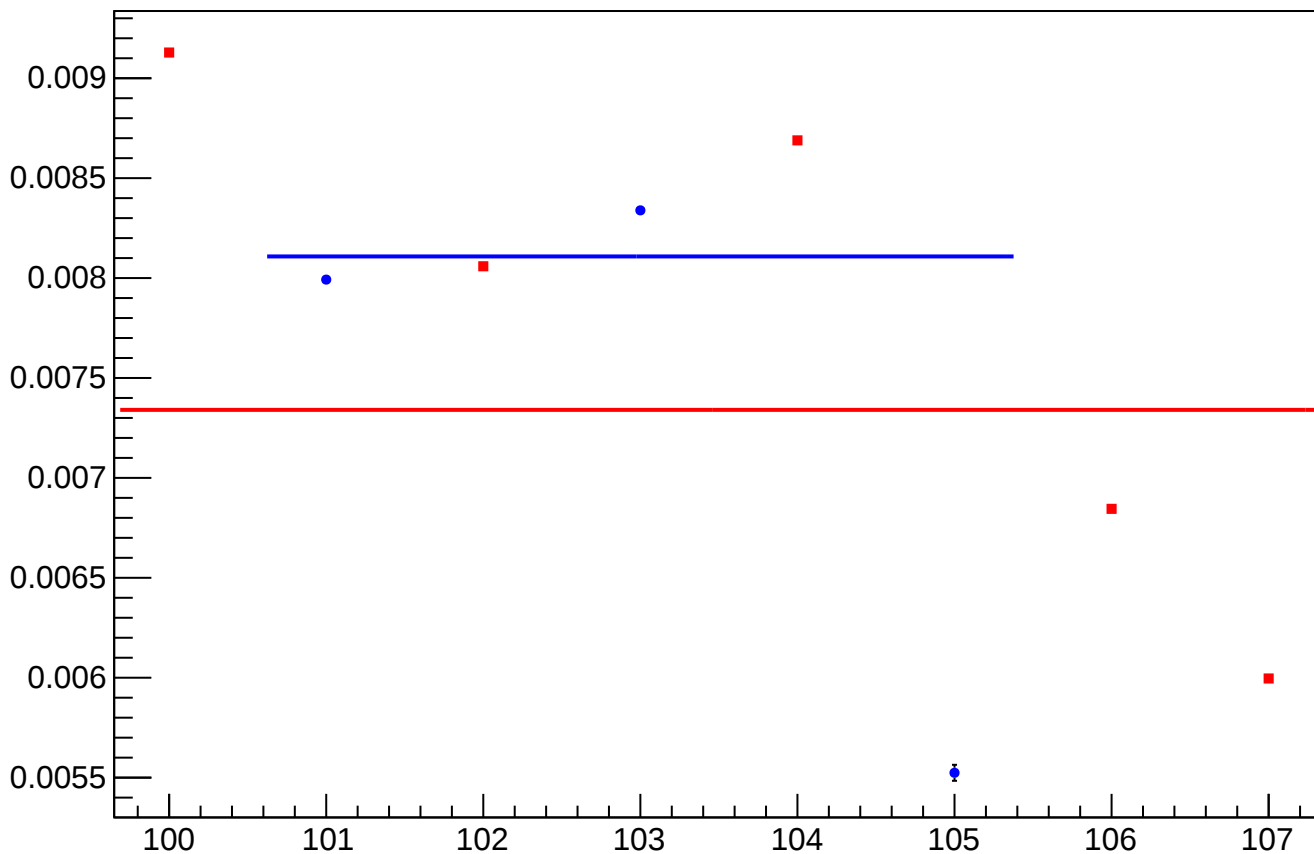
2.851+/-0.000 χ^2/NDF : 19747762.0/2

Right Out: 2.233+/-0.000 χ^2/NDF : 11890455333.6/4

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

2.233+/-0.000 χ^2/NDF : 11890455333.6/4

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

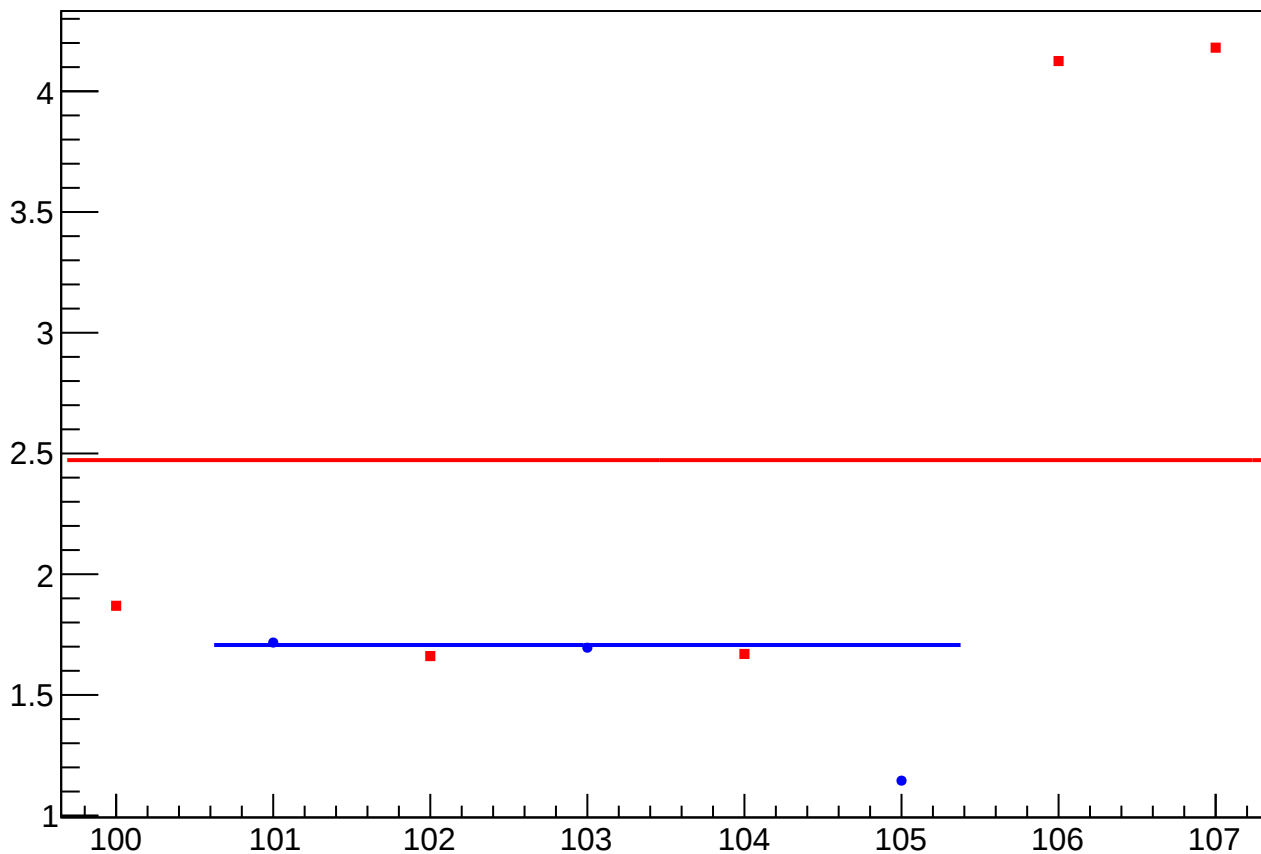
Right Out: 0.007+/-0.000 χ^2/NDF : 76458.4/4

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

0.008+/-0.000 χ^2/NDF : 5280.0/2

0.007+/-0.000 χ^2/NDF : 76458.4/4

yield_bpm1i04Y_mean vs slug



Right In: 1.707+/-0.000 χ^2/NDF : 5442460.2/2

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

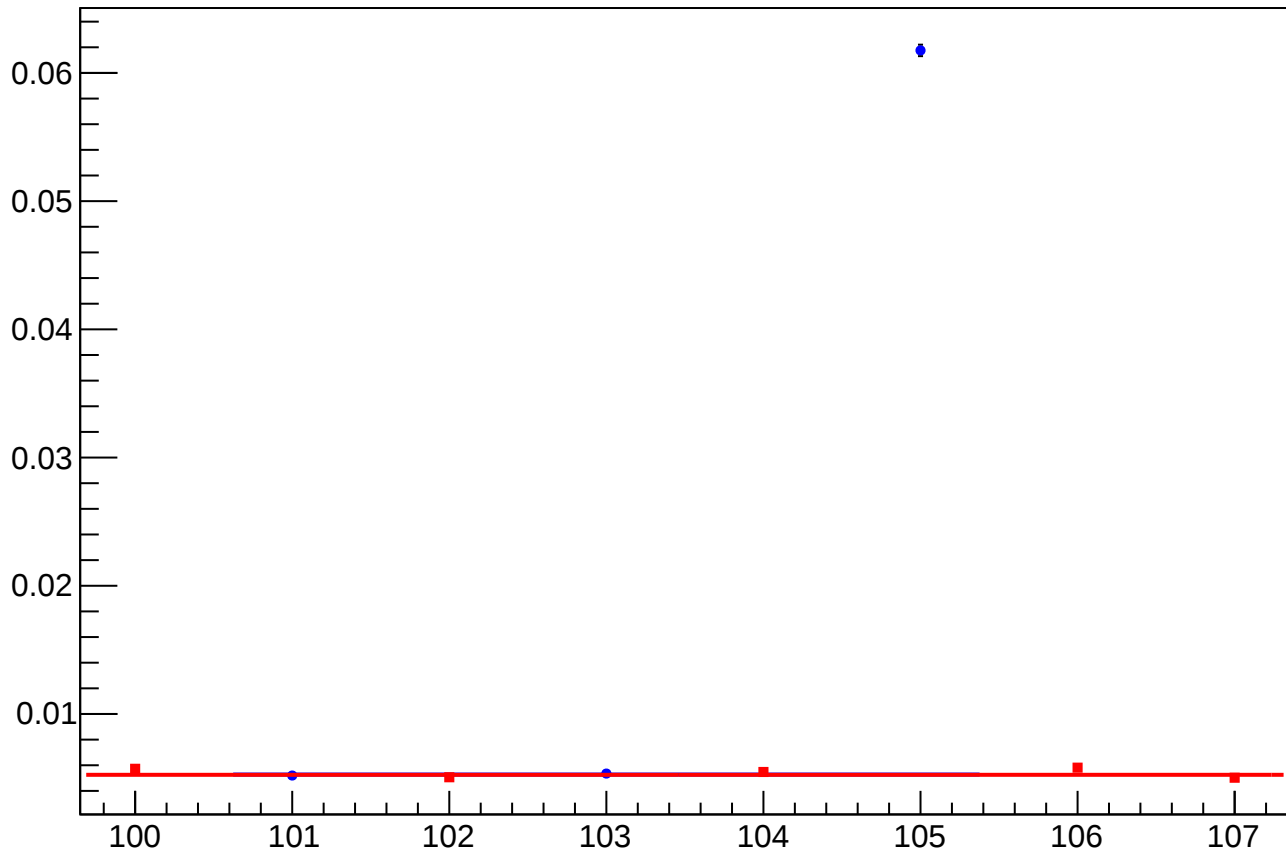
Right Out: 2.472+/-0.000 χ^2/NDF : 78867758360.6/4

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

1.707+/-0.000 χ^2/NDF : 5442460.2/2

2.472+/-0.000 χ^2/NDF : 78867758360.6/4

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

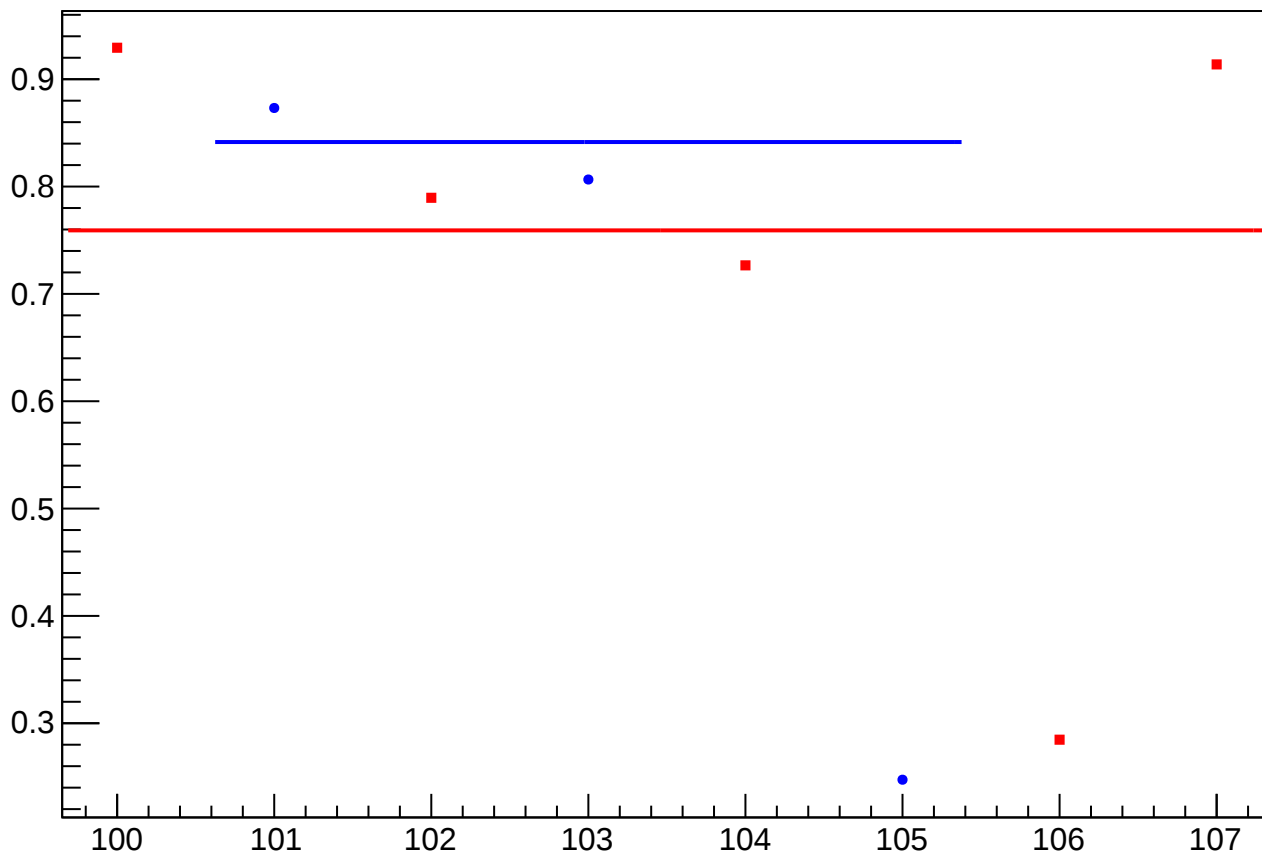
Right Out: 0.005+/-0.000 χ^2/NDF : 8427.5/4

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 : 8427.5/4

yield_bpm1i06X_mean vs slug



Right In: 0.841 $\pm$ 0.000 χ^2 /NDF: 6129297.7/2

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

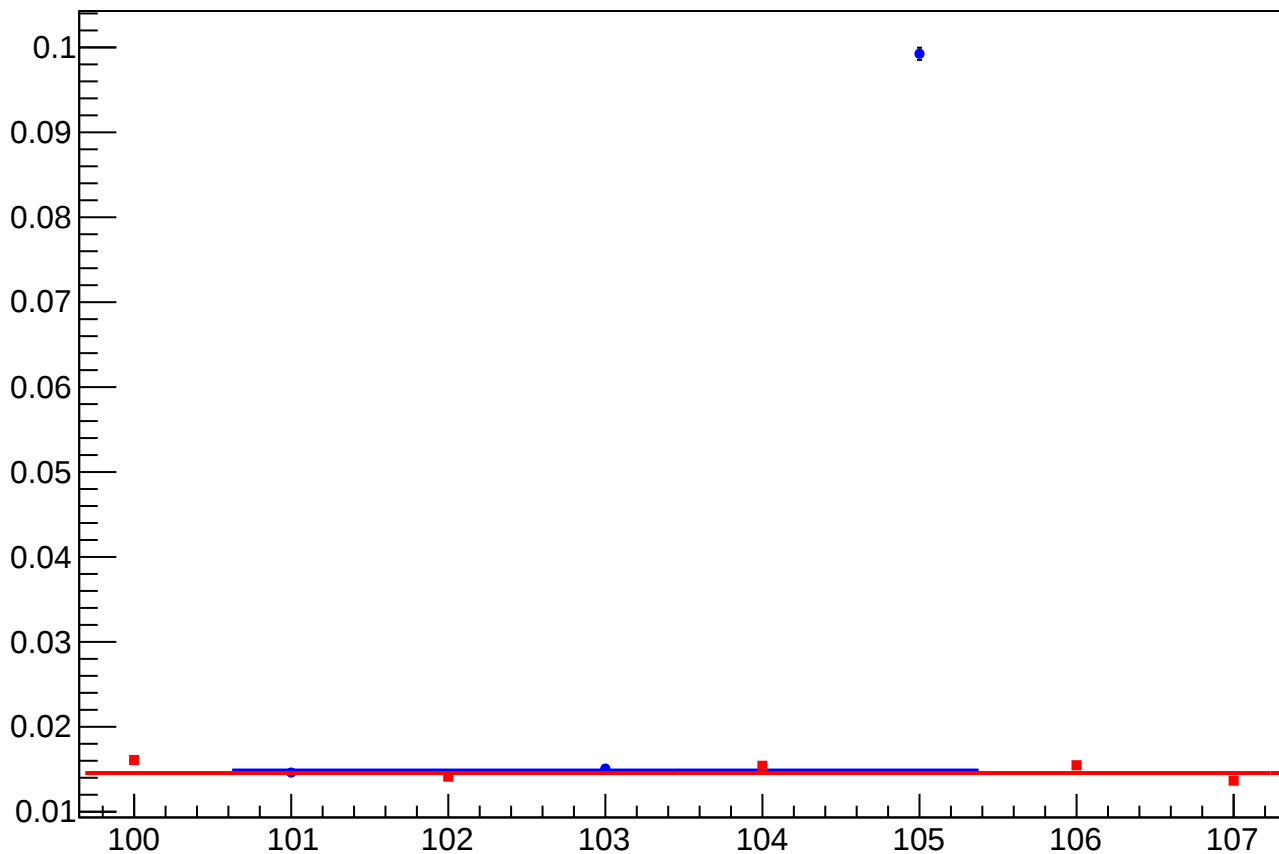
Right Out: 0.759 $\pm$ 0.000 χ^2 /NDF: 226176356.7/4

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

0.841 $\pm$ 0.000 χ^2 /NDF: 6129297.7/2

0.759 $\pm$ 0.000 χ^2 /NDF: 226176356.7/4

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

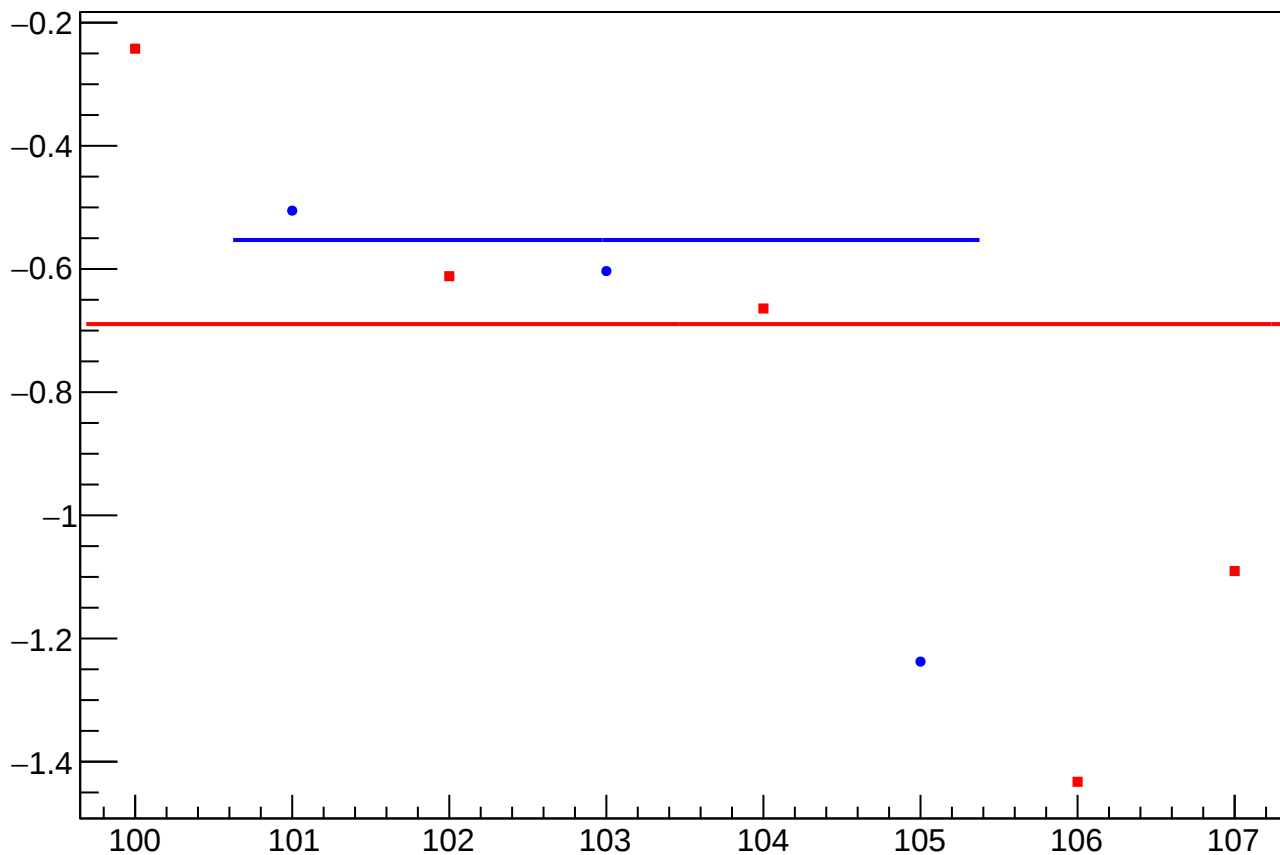
Right Out: 0.015+/-0.000 χ^2/NDF : 9579.8/4

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 : 9579.8/4

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

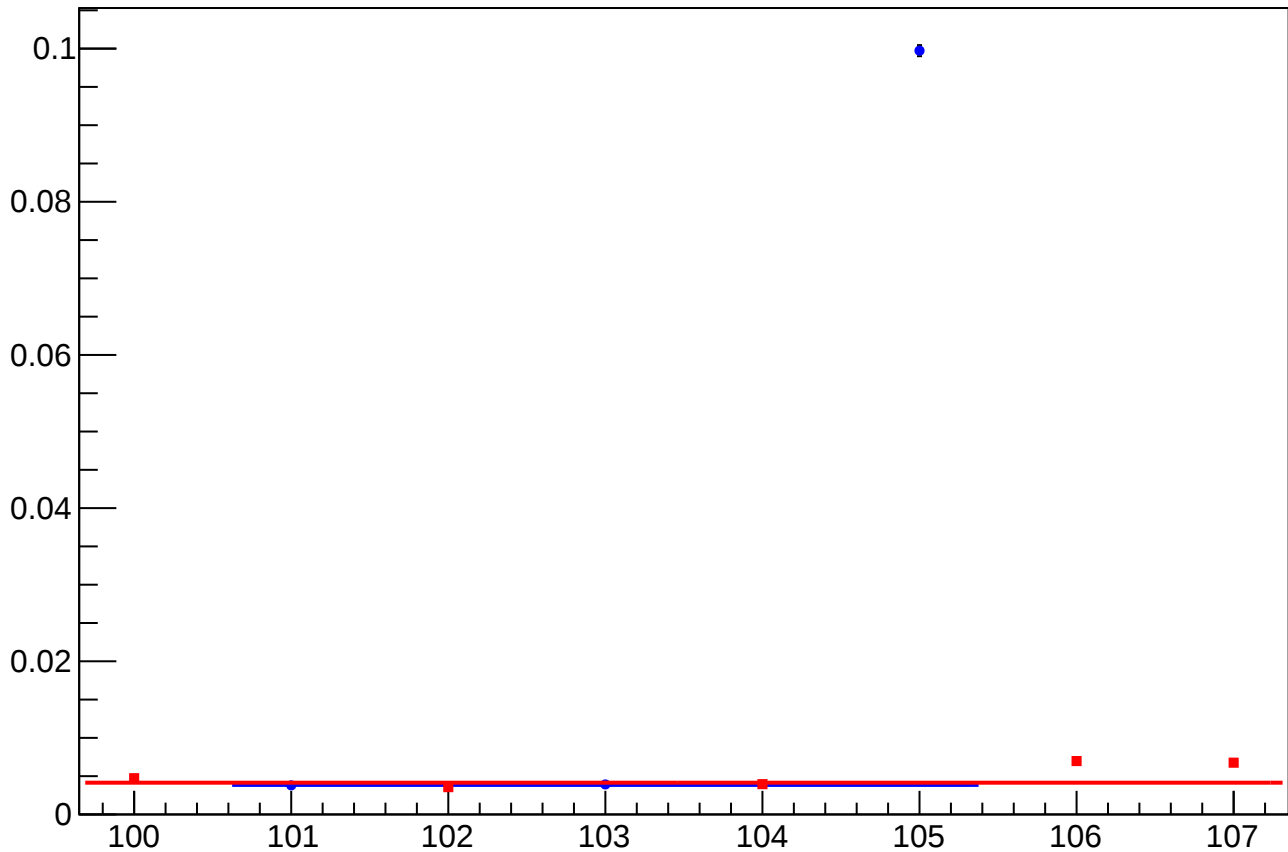
Right Out: -0.689+/-0.000 χ^2/NDF : 3673774637.9/4

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

-0.553+/-0.000 χ^2/NDF : 169415062.5/2

-0.689+/-0.000 χ^2/NDF : 3673774637.9/4

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

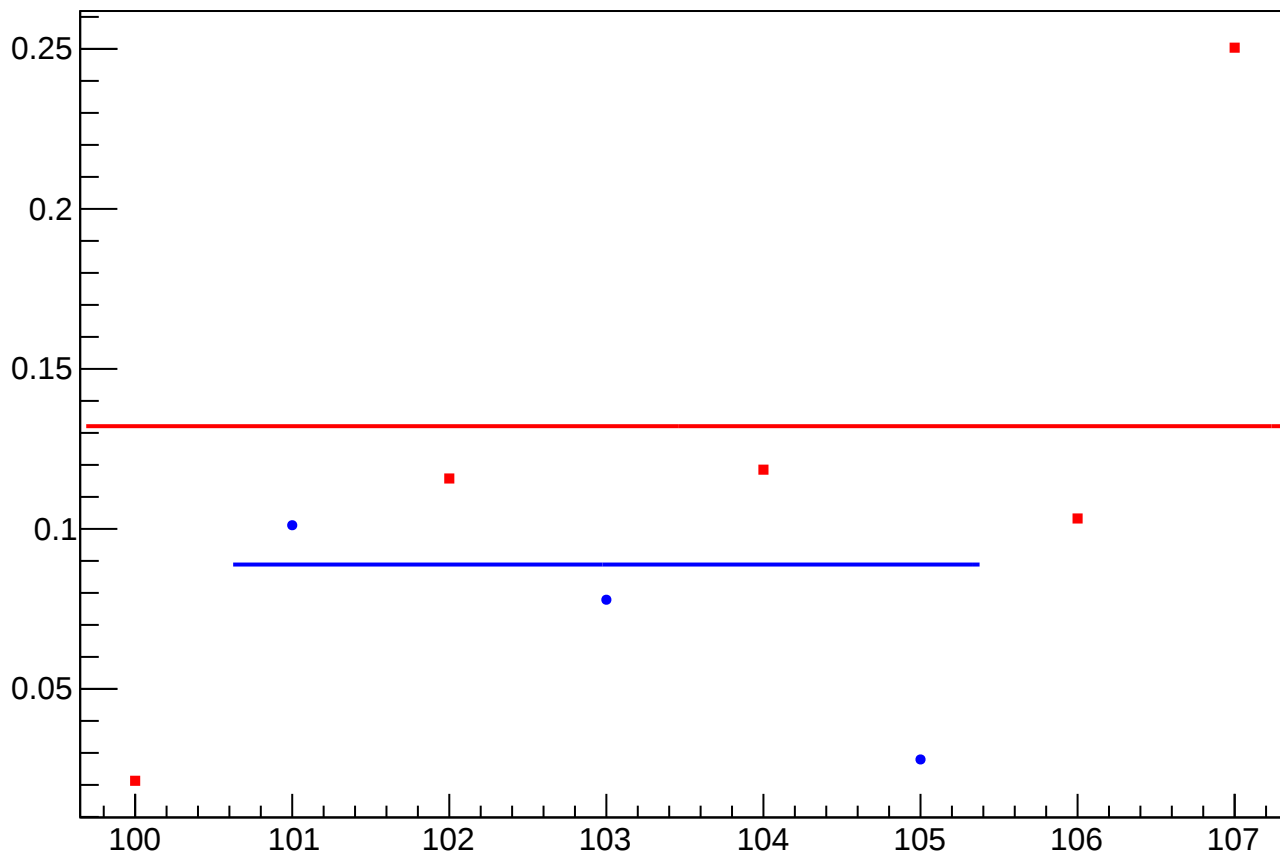
Right Out: 0.004+/-0.000 χ^2/NDF : 179237.6/4

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 : 179237.6/4

yield_bpm2i01X_mean vs slug



Right In: 0.089+/-0.000 χ^2/NDF : 75767016.1/2

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

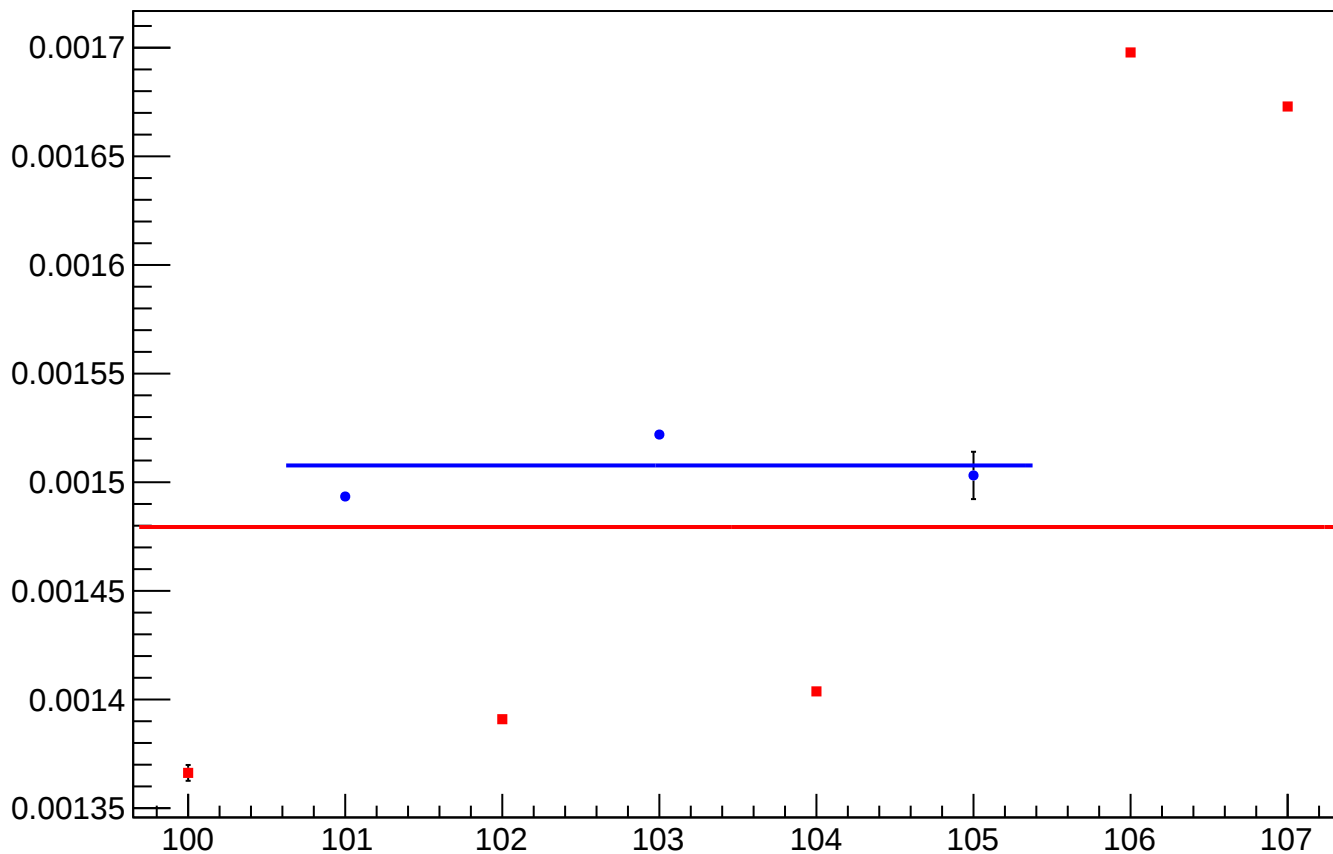
0.089+/-0.000 χ^2/NDF : 75767016.1/2

Right Out: 0.132+/-0.000 χ^2/NDF : 2435514329.4/4

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

0.132+/-0.000 χ^2/NDF : 2435514329.4/4

yield_bpm2i01X_rms vs slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 180.1/2

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

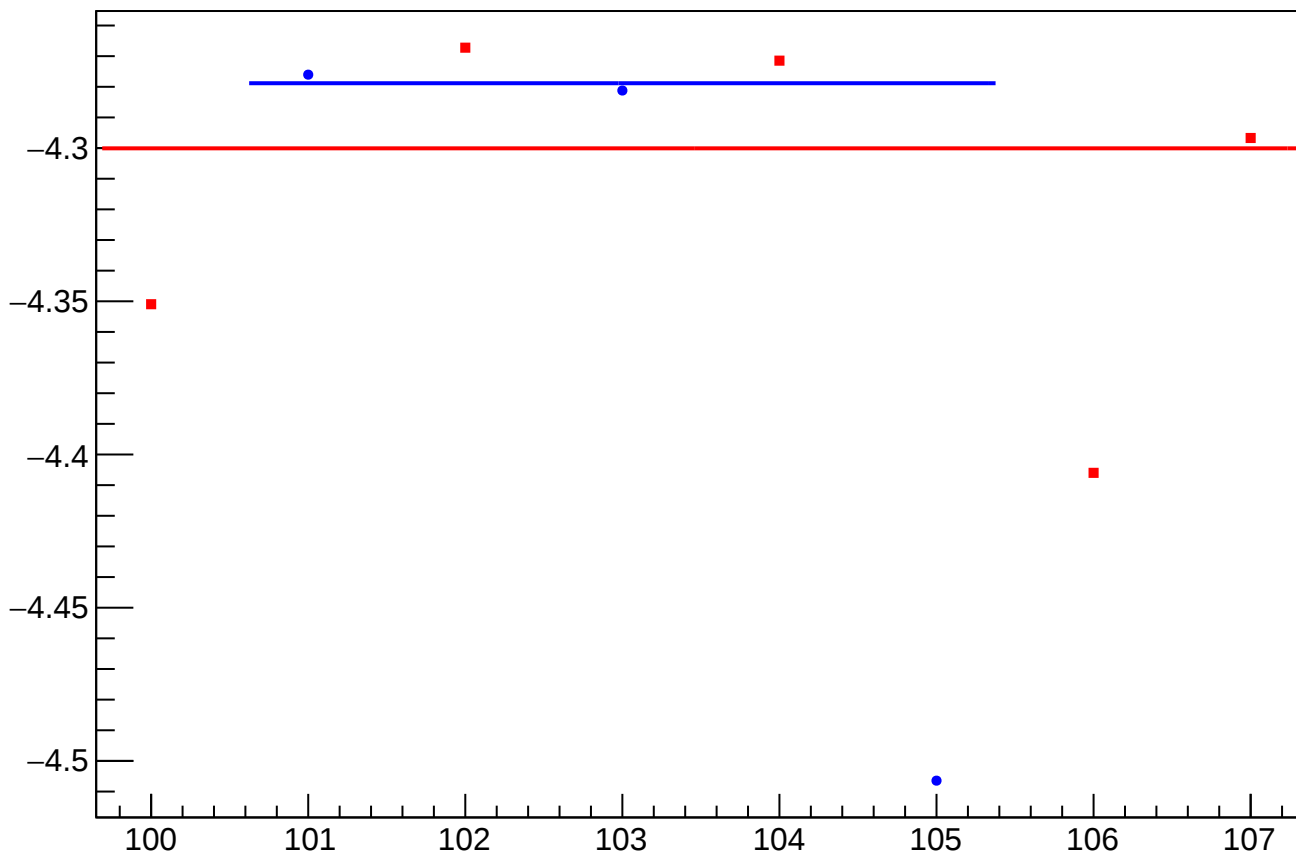
Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 27361.1/4

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

0.002 $\pm$ 0.000 χ^2 /NDF: 180.1/2

0.001 $\pm$ 0.000 χ^2 /NDF: 27361.1/4

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

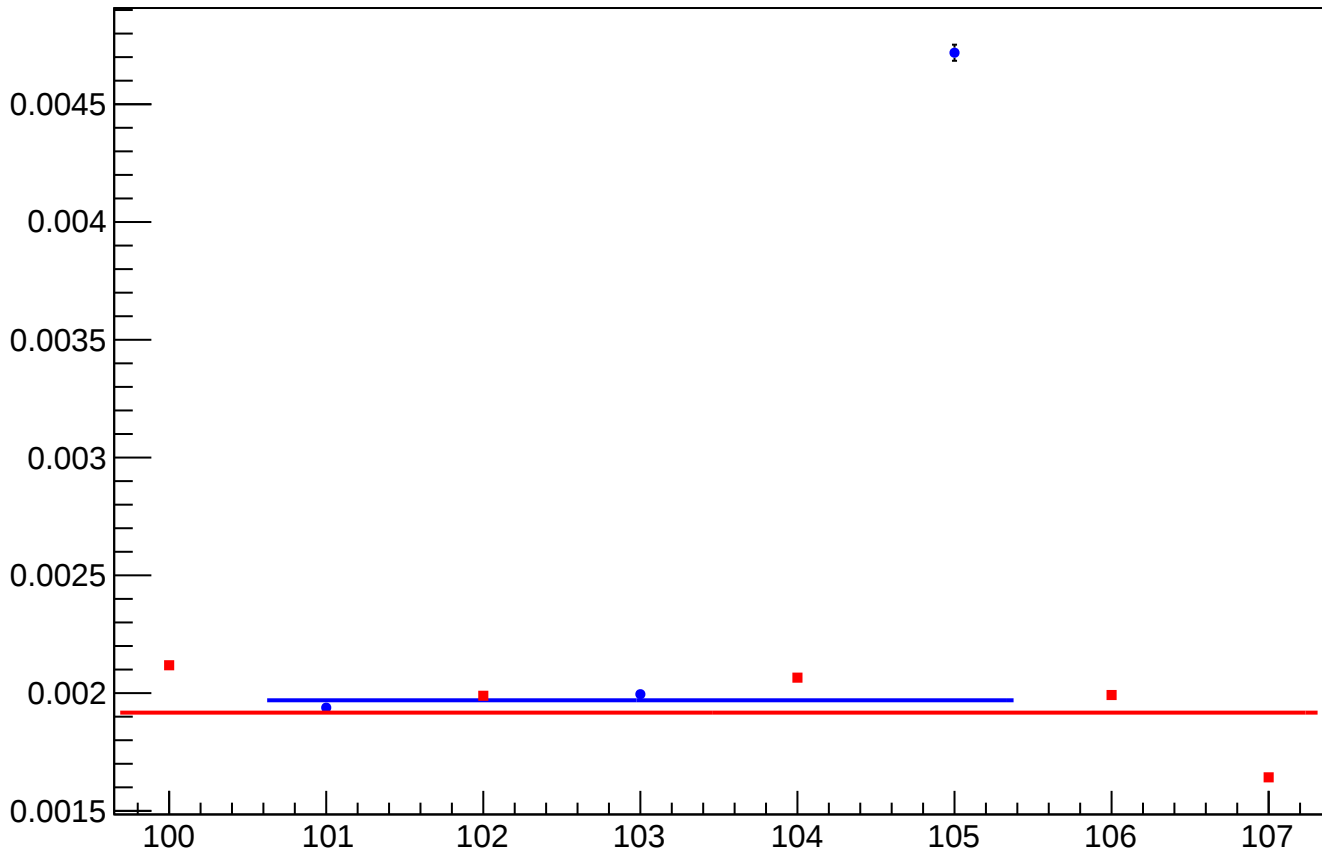
Right Out: -4.300+/-0.000 χ^2/NDF : 1074846799.1/4

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

-4.279+/-0.000 χ^2/NDF : 24182562.2/2

-4.300+/-0.000 χ^2/NDF : 1074846799.1/4

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

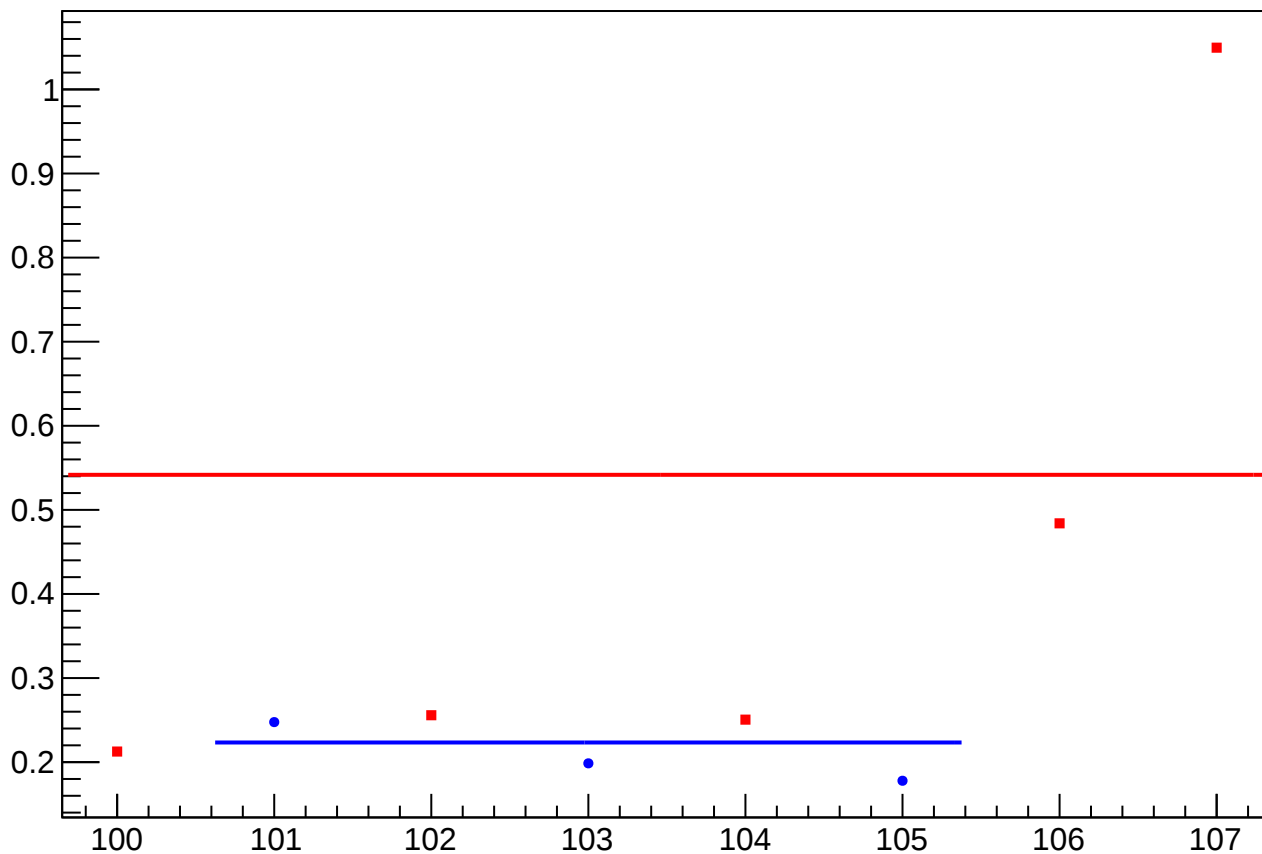
Right Out: 0.002+/-0.000 χ^2/NDF : 27936.7/4

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 : 27936.7/4

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

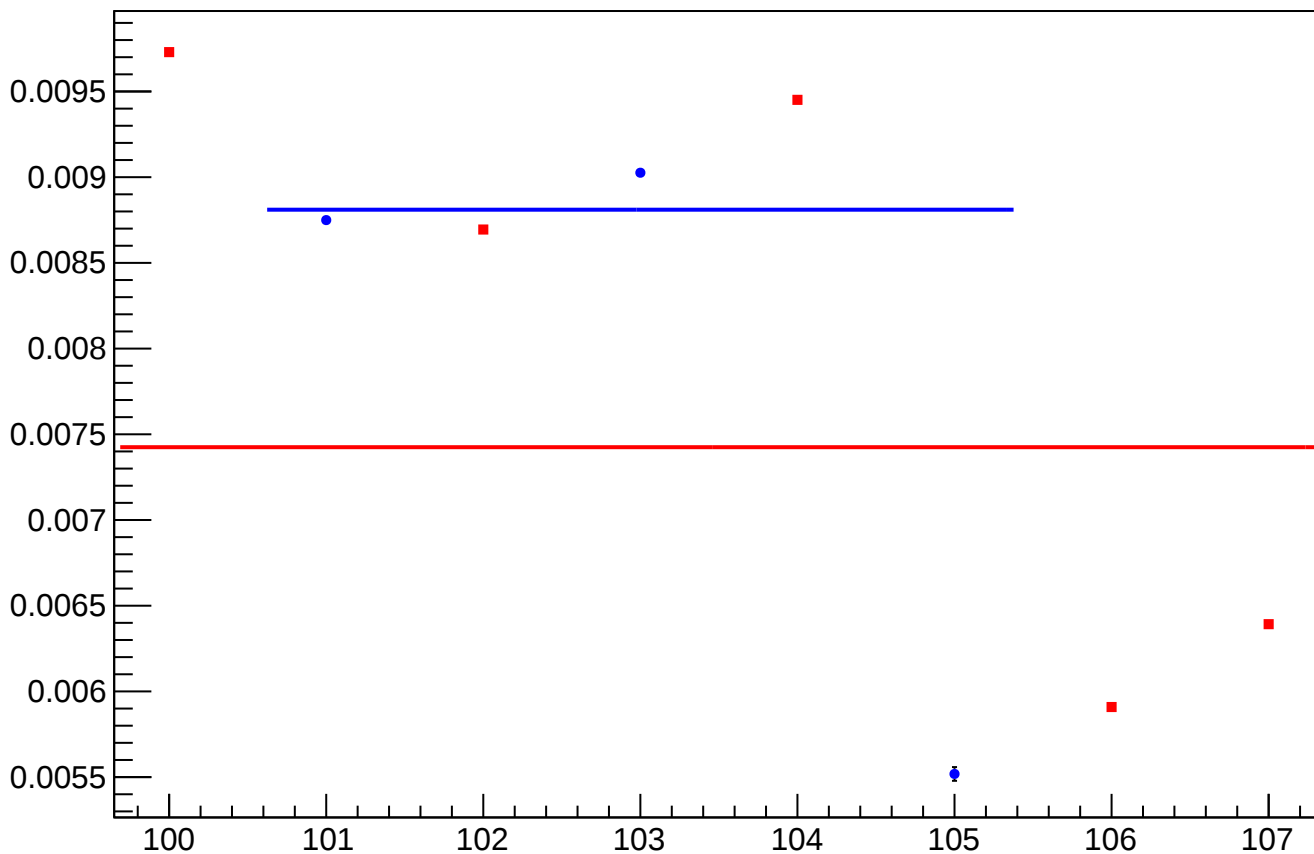
Right Out: 0.542+/-0.000 χ^2/NDF : 3406355017.0/4

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

0.223+/-0.000 χ^2/NDF : 9418459.6/2

0.542+/-0.000 χ^2/NDF : 3406355017.0/4

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

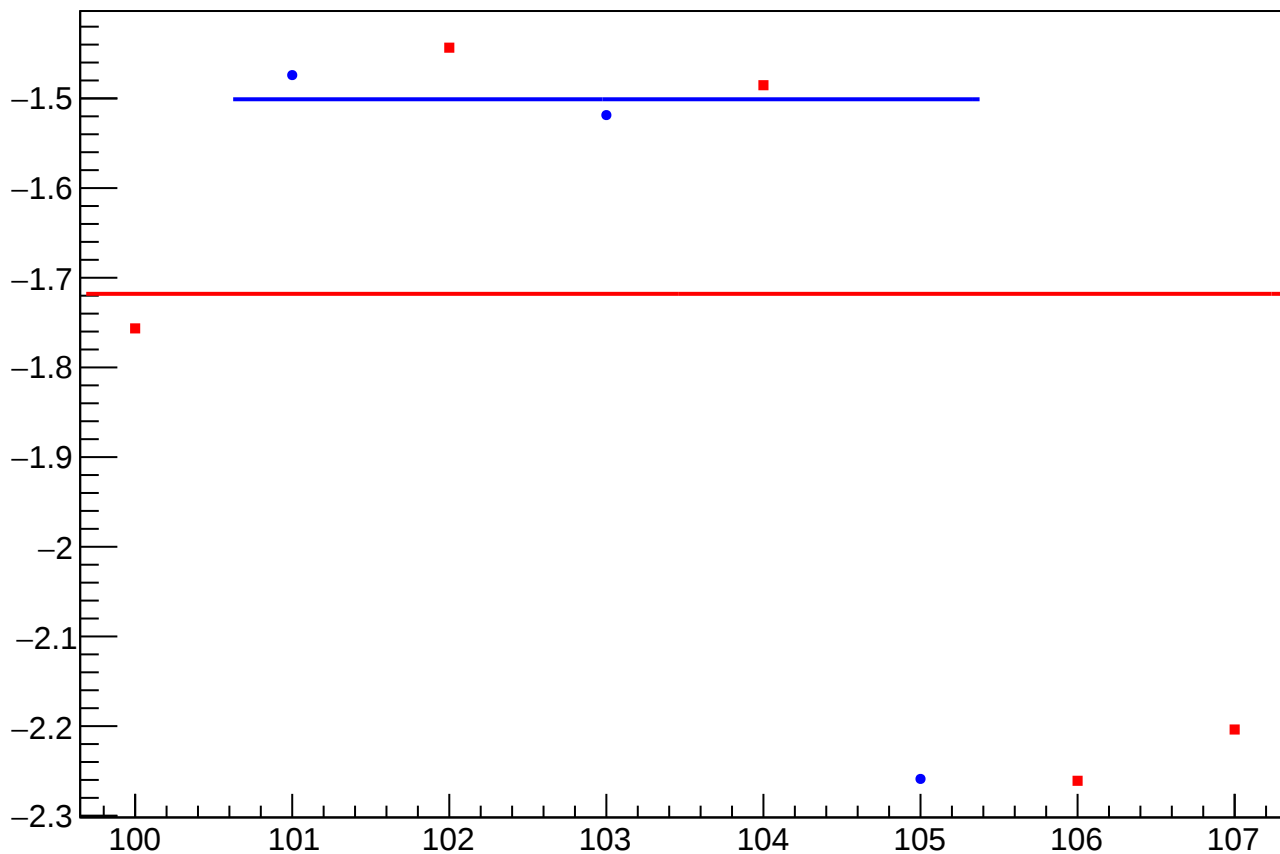
Right Out: 0.007+/-0.000 χ^2/NDF : 134527.3/4

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

0.009+/-0.000 χ^2/NDF : 7479.4/2

0.007+/-0.000 χ^2/NDF : 134527.3/4

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

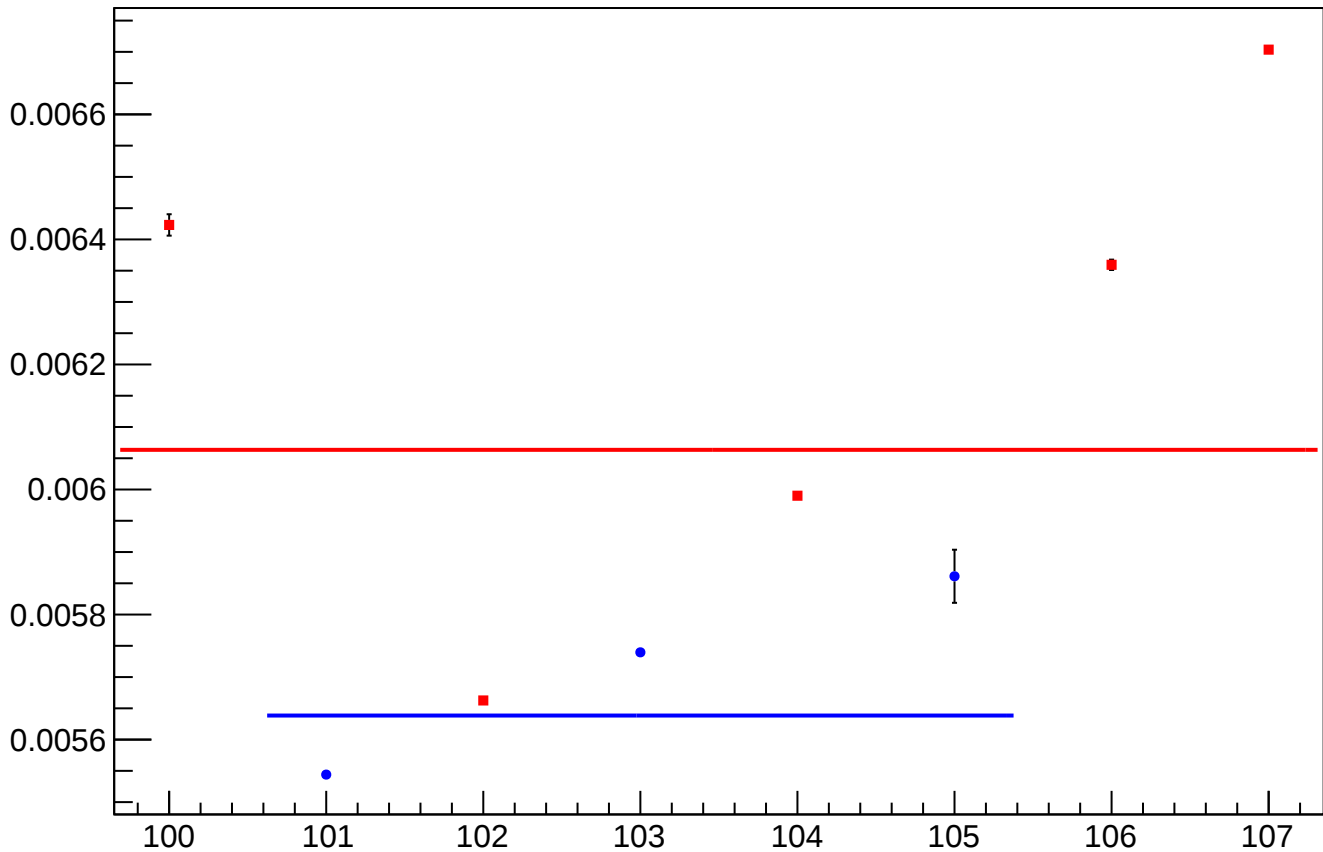
Right Out: -1.718+/-0.000 χ^2/NDF : 6038781000.6/4

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

-1.501+/-0.000 χ^2/NDF : 178392922.7/2

-1.718+/-0.000 χ^2/NDF : 6038781000.6/4

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

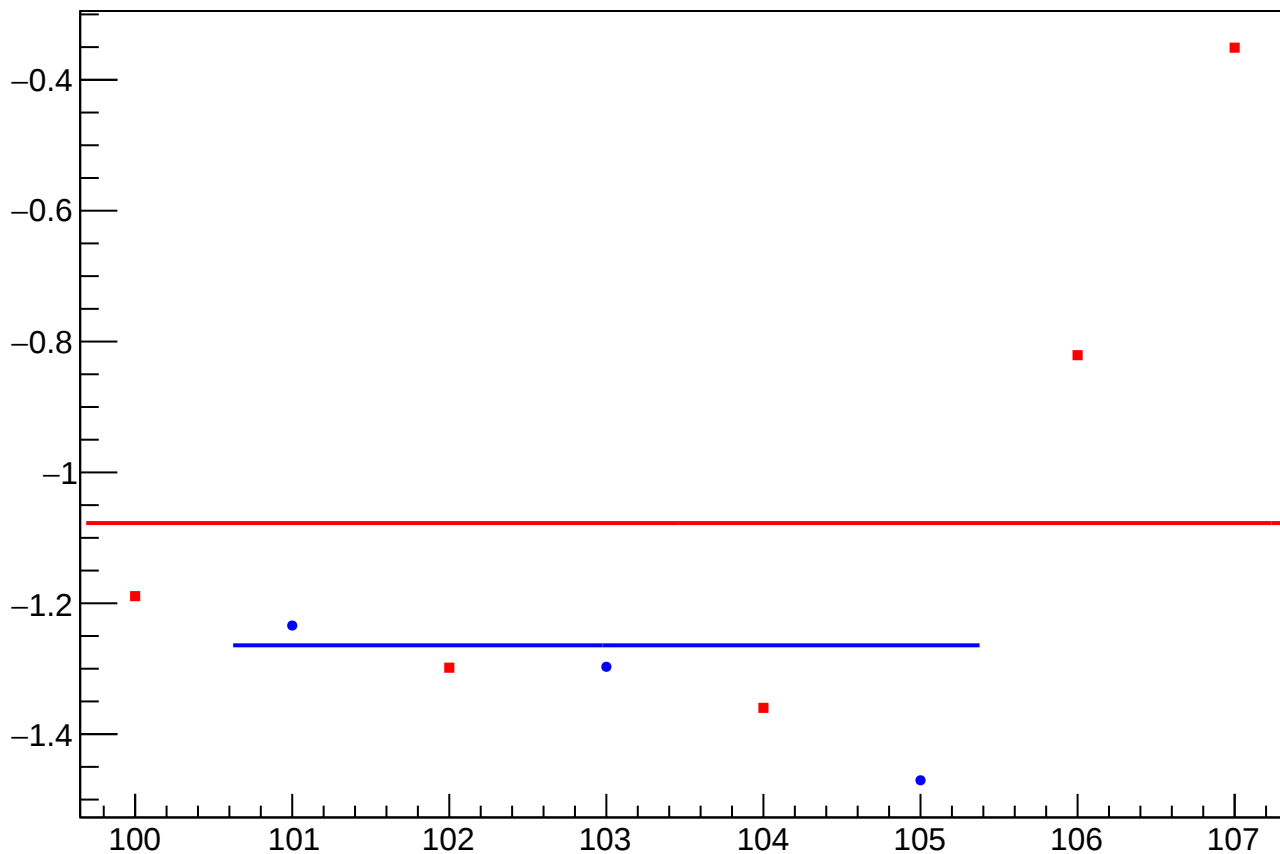
0.006+/-0.000 χ^2/NDF : 716.7/2

Right Out: 0.006+/-0.000 χ^2/NDF : 13811.5/4

0.006+/-0.000 χ^2/NDF : 13811.5/4

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

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

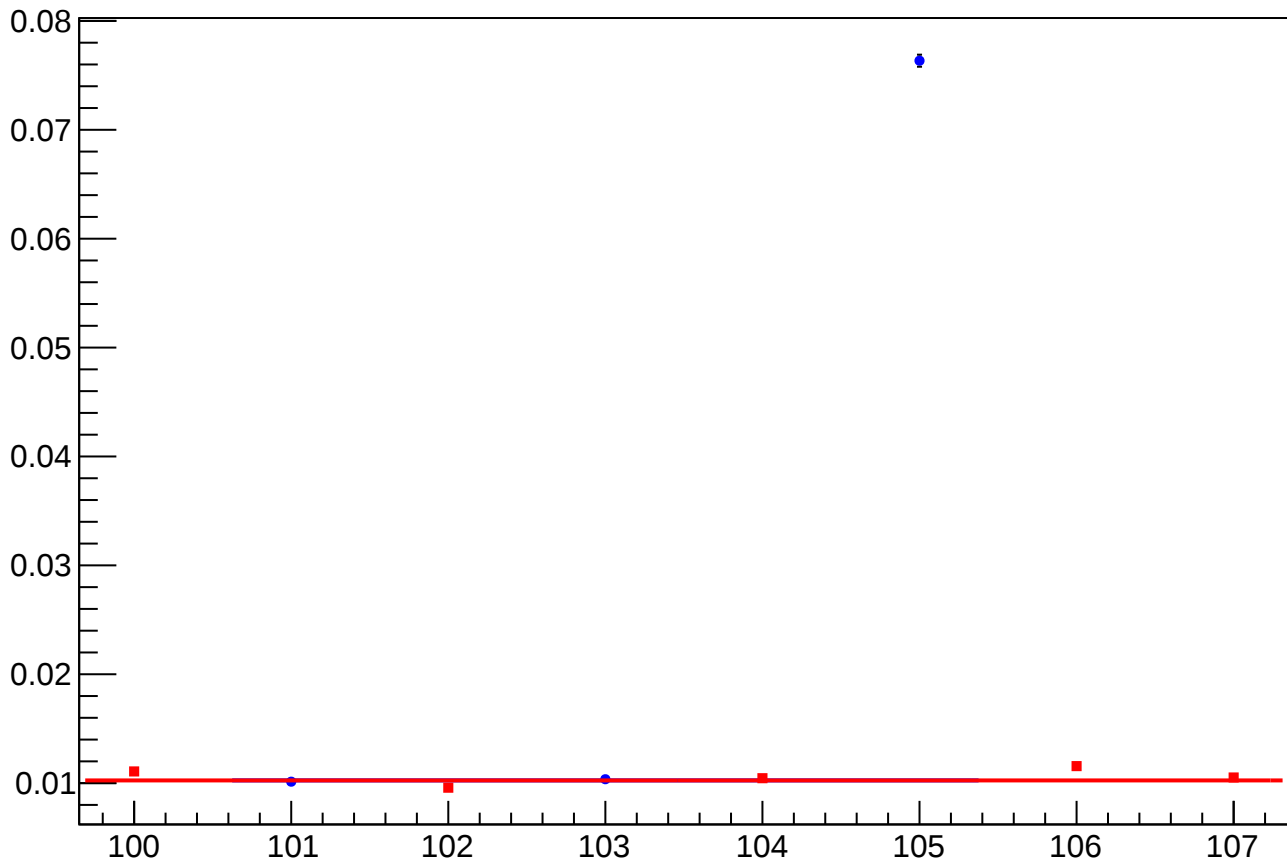
Right Out: -1.077+/-0.000 χ^2/NDF : 2415253436.1/4

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

-1.264+/-0.000 χ^2/NDF : 10913371.3/2

-1.077+/-0.000 χ^2/NDF : 2415253436.1/4

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

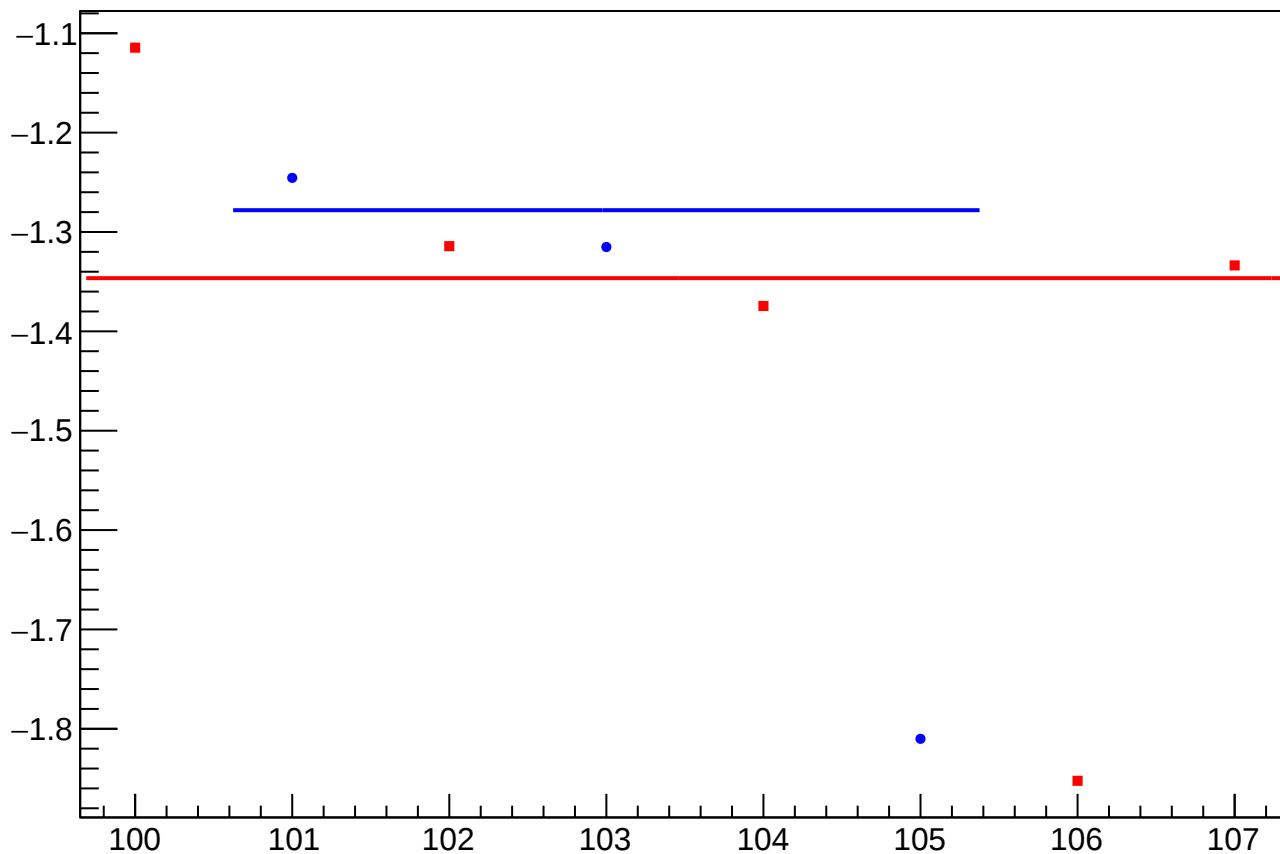
Right Out: 0.010+/-0.000 χ^2/NDF : 11494.1/4

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 : 11494.1/4

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

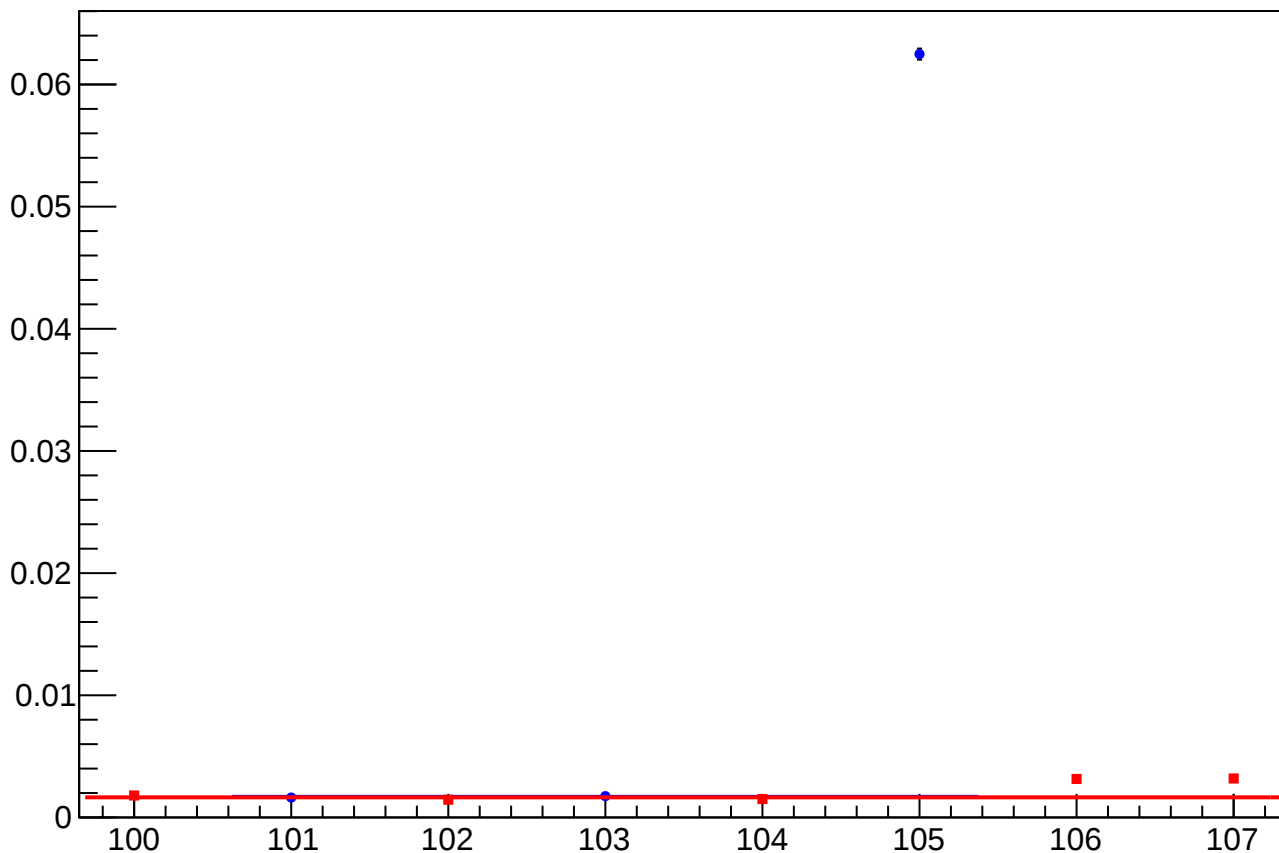
Right Out: -1.346+/-0.000 χ^2/NDF : 4929116468.6/4

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

-1.278+/-0.000 χ^2/NDF : 421900121.0/2

-1.346+/-0.000 χ^2/NDF : 4929116468.6/4

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

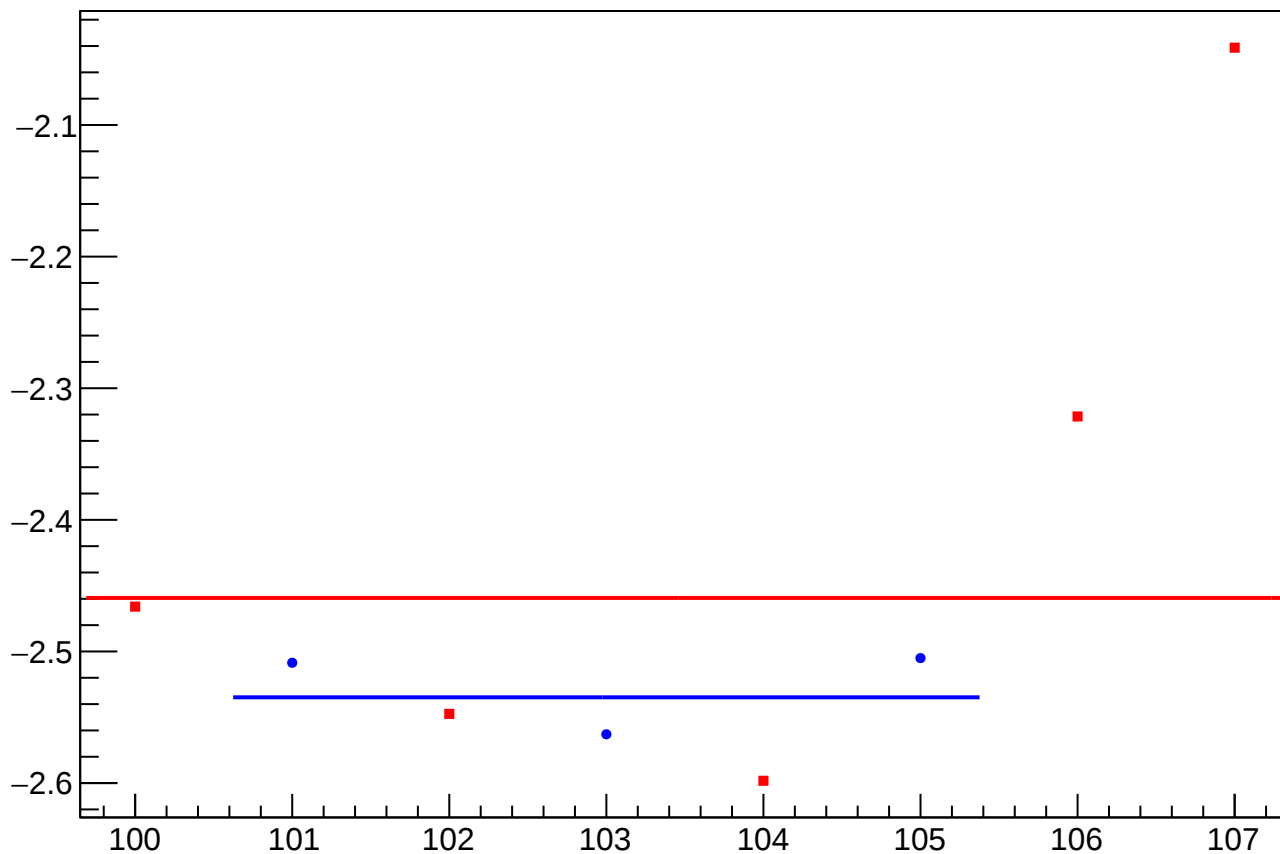
Right Out: 0.002+/-0.000 χ^2/NDF : 241546.6/4

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 : 241546.6/4

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

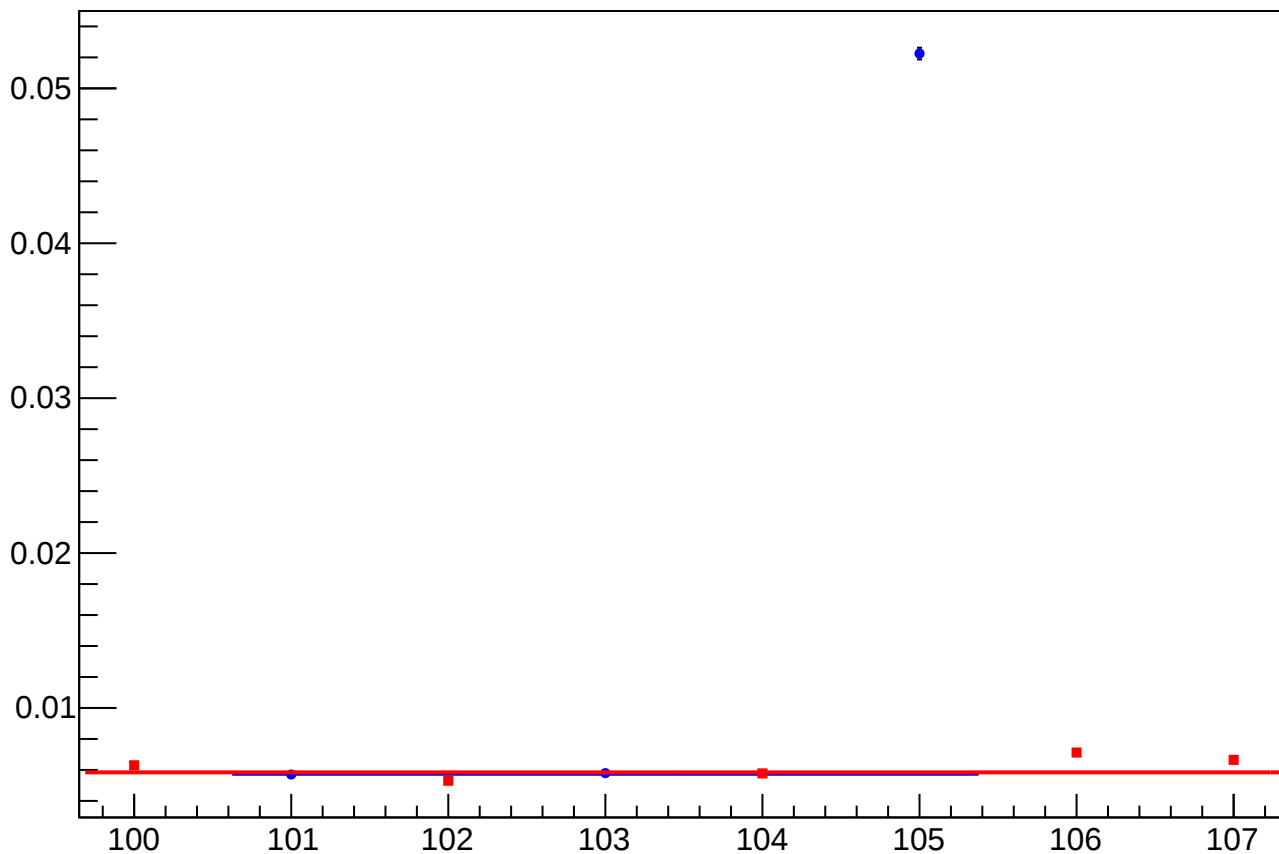
Right Out: -2.459+/-0.000 χ^2/NDF : 1867964781.2/4

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

-2.535+/-0.000 χ^2/NDF : 25396229.7/2

-2.459+/-0.000 χ^2/NDF : 1867964781.2/4

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

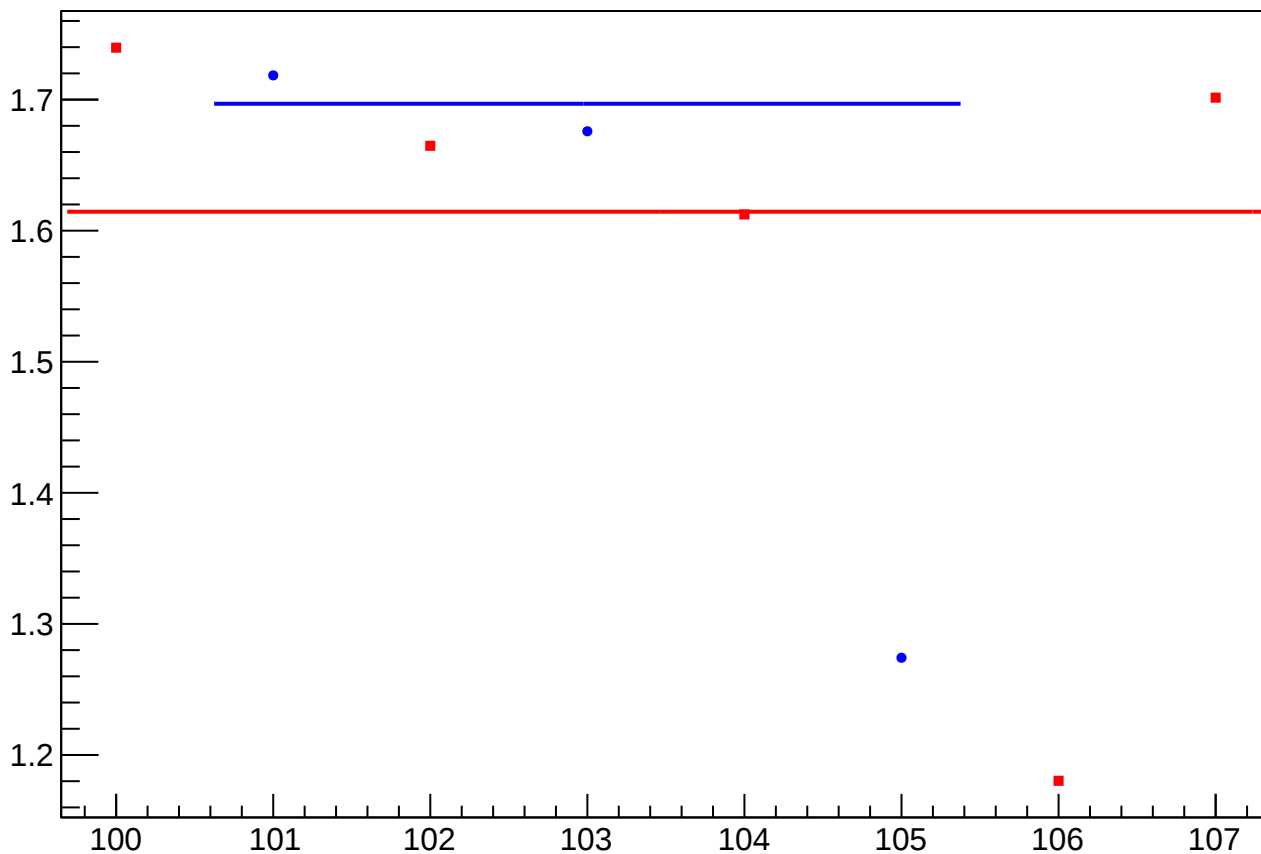
Right Out: 0.006+/-0.000 χ^2/NDF : 33453.8/4

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 : 33453.8/4

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

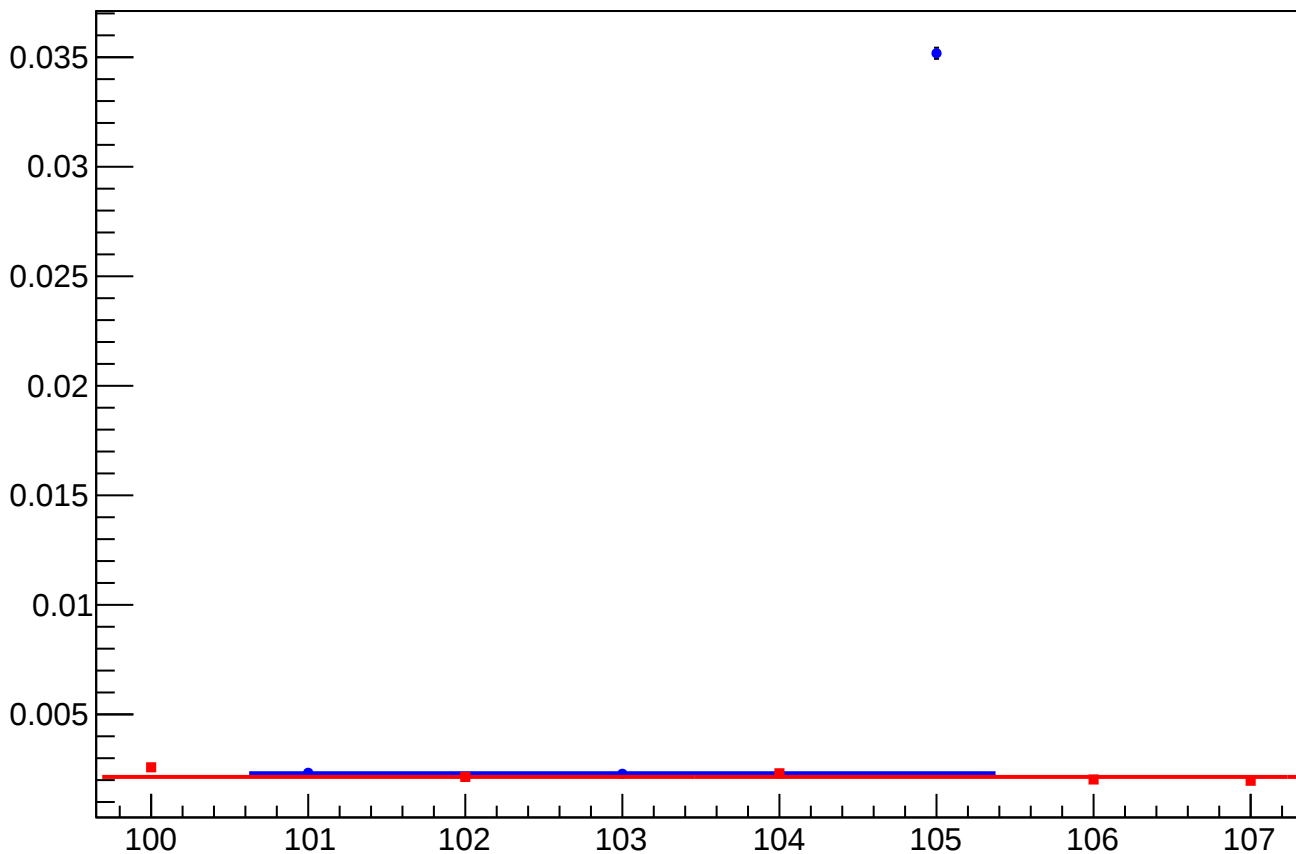
Right Out: 1.614+/-0.000 χ^2/NDF : 7410583225.3/4

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

1.697+/-0.000 χ^2/NDF : 94319512.1/2

1.614+/-0.000 χ^2/NDF : 7410583225.3/4

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

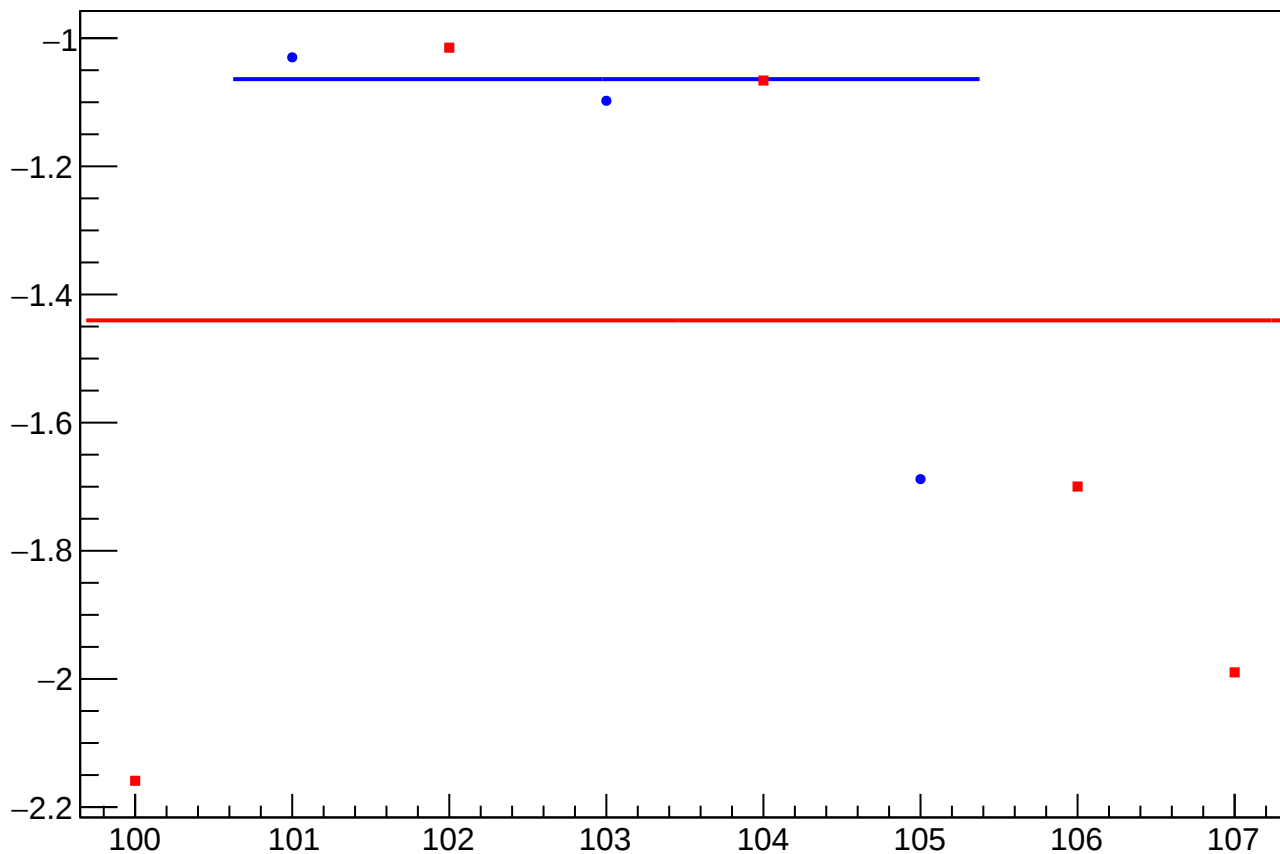
Right Out: 0.002+/-0.000 χ^2/NDF : 15042.6/4

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 : 15042.6/4

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

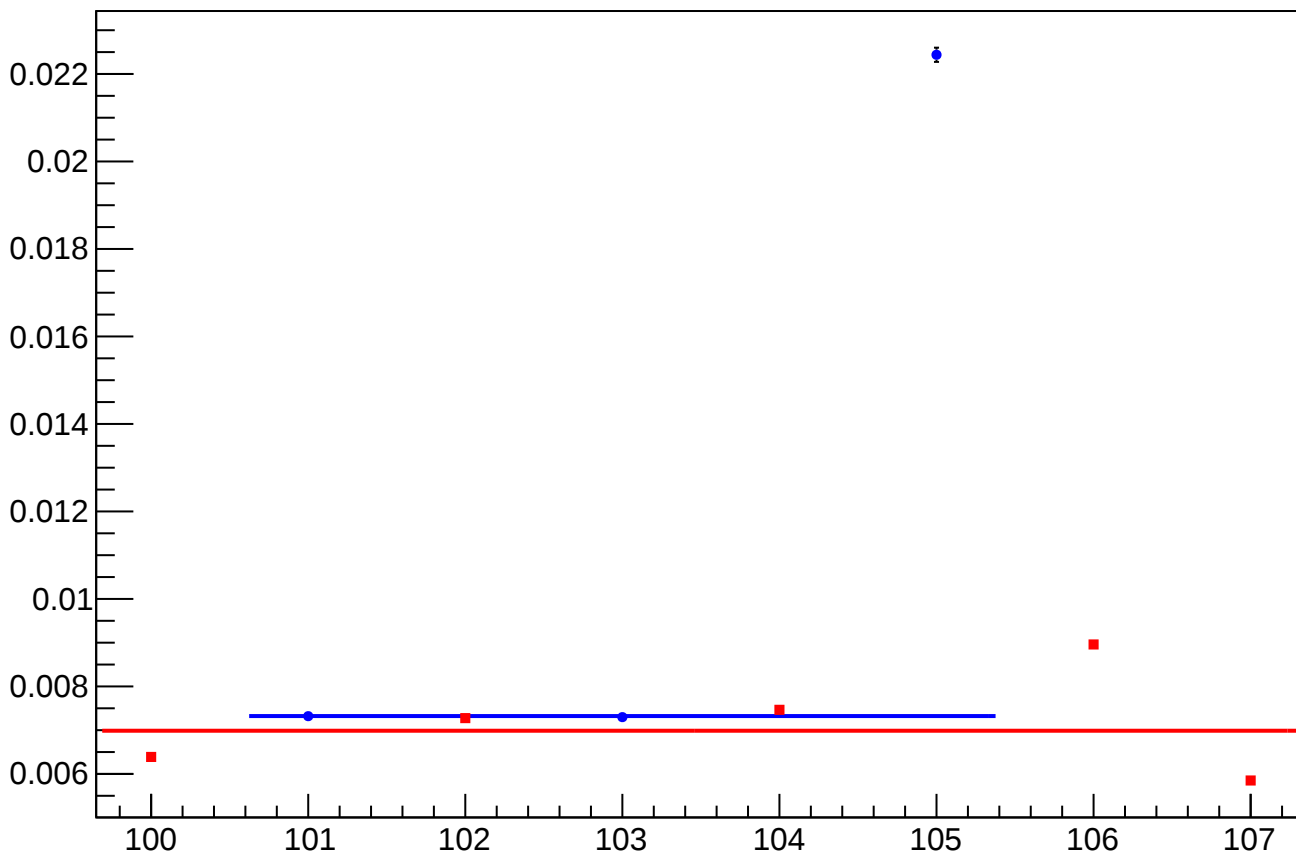
-1.064+/-0.000 χ^2/NDF : 31908015.8/2

Right Out: -1.440+/-0.000 χ^2/NDF : 7231101631.6/4

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

-1.440+/-0.000 χ^2/NDF : 7231101631.6/4

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

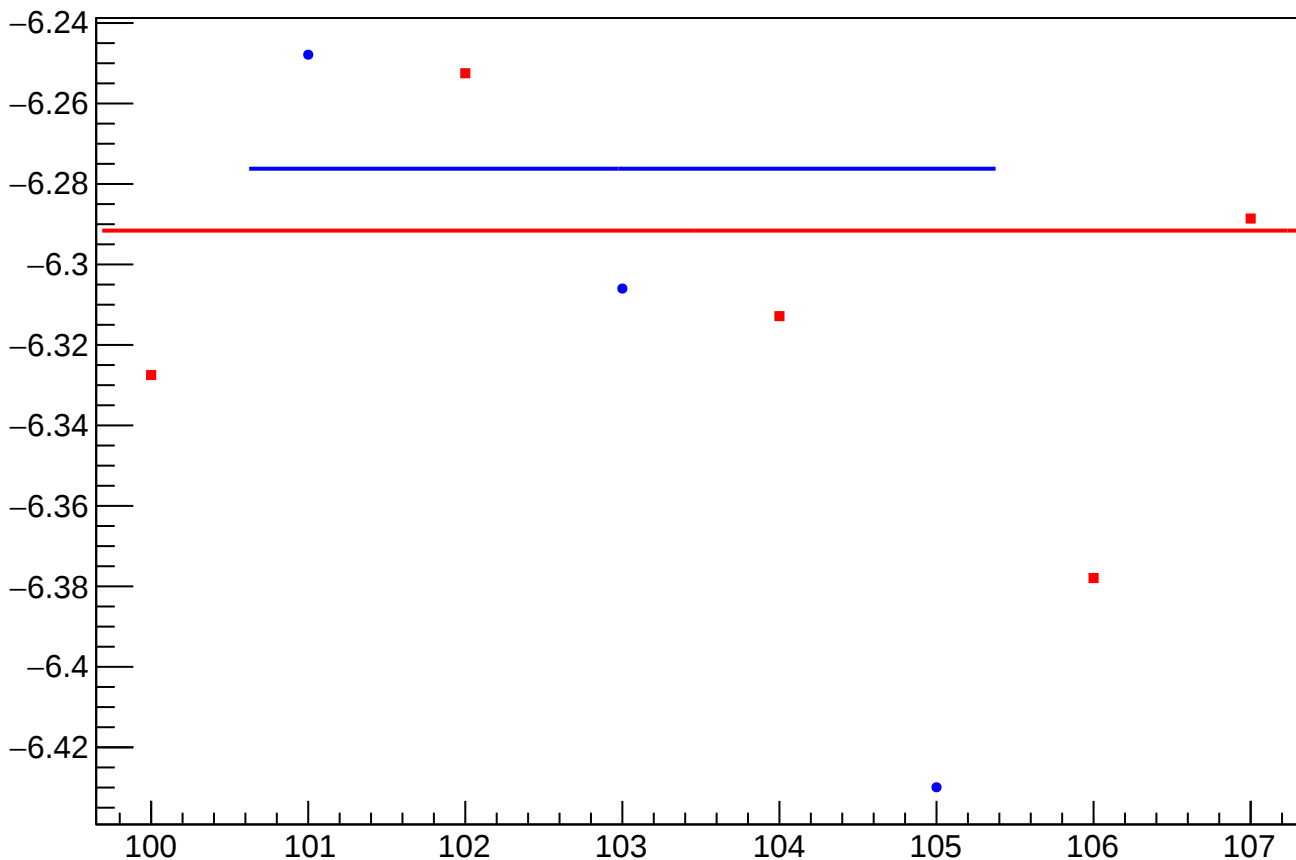
Right Out: 0.007+/-0.000 χ^2/NDF : 55368.8/4

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 : 55368.8/4

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

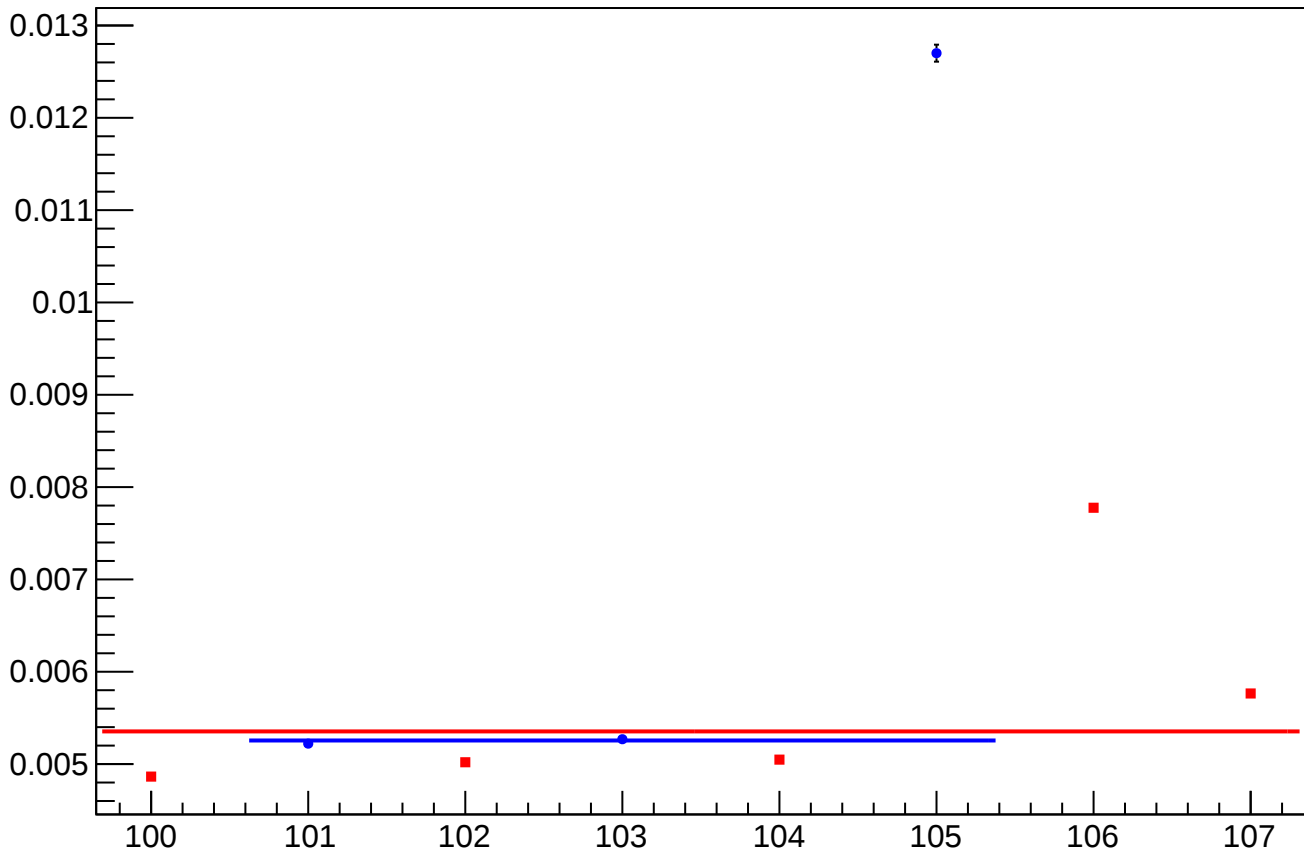
Right Out: -6.292+/-0.000 χ^2/NDF : 74214939.9/4

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 : 74214939.9/4

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

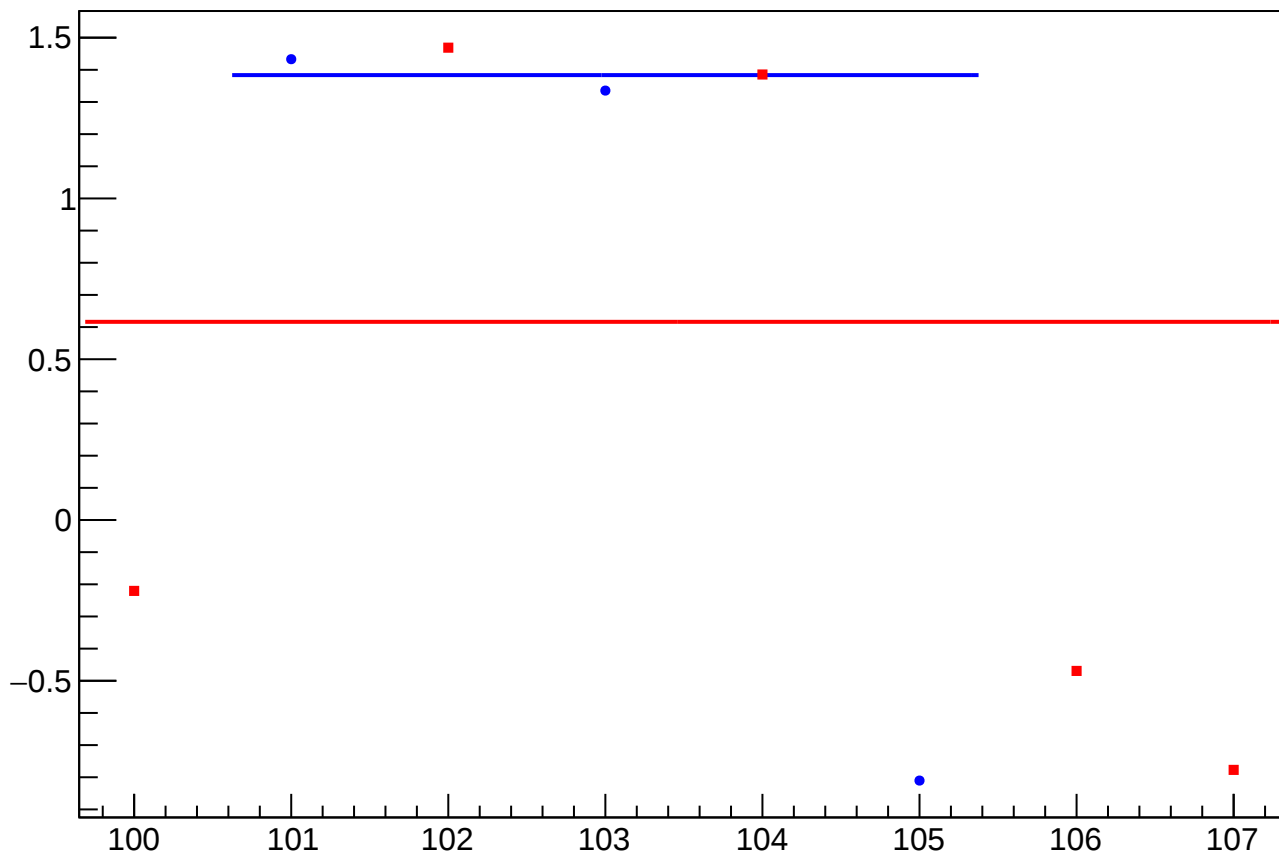
Right Out: 0.005+/-0.000 χ^2/NDF : 60432.4/4

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 : 60432.4/4

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

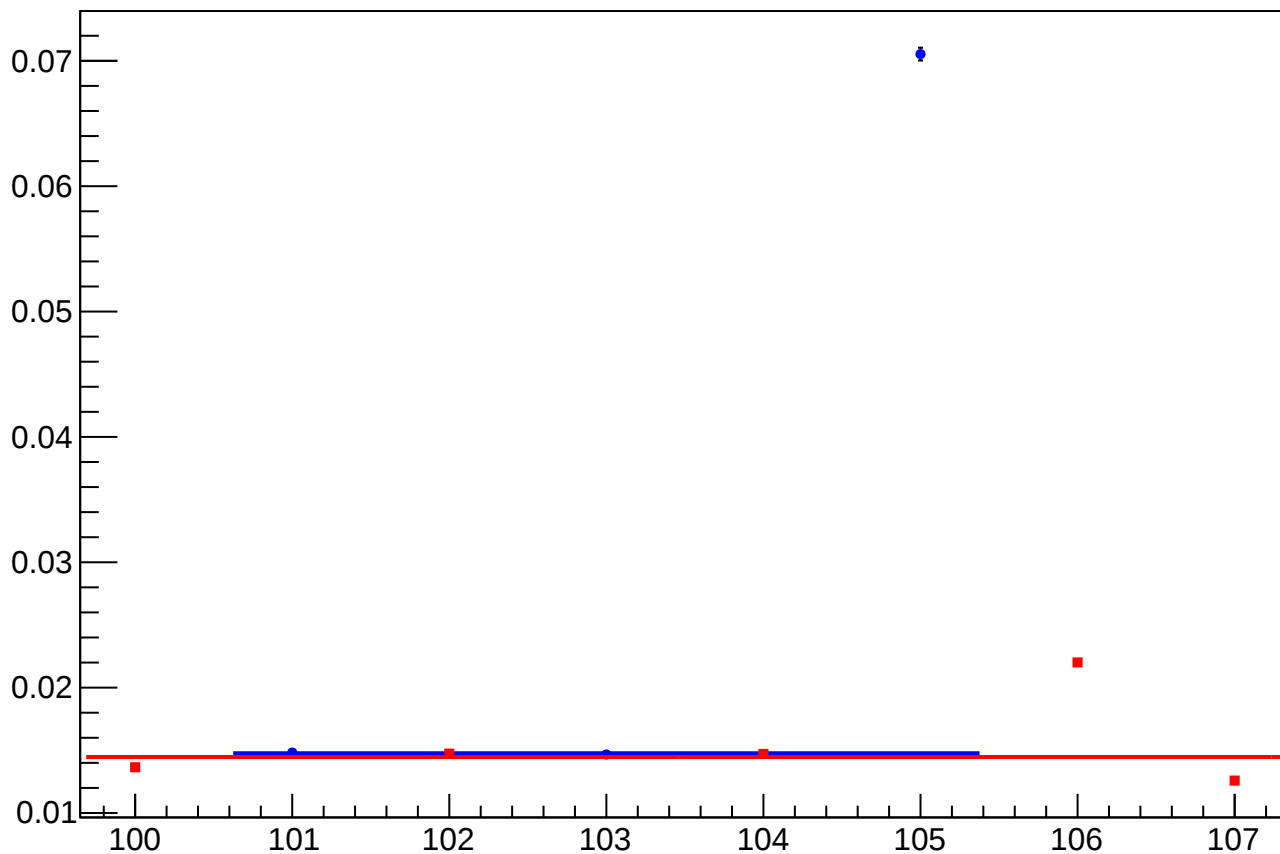
Right Out: 0.616+/-0.000 χ^2/NDF : 8208201718.5/4

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

1.384+/-0.000 χ^2/NDF : 21649898.6/2

0.616+/-0.000 χ^2/NDF : 8208201718.5/4

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

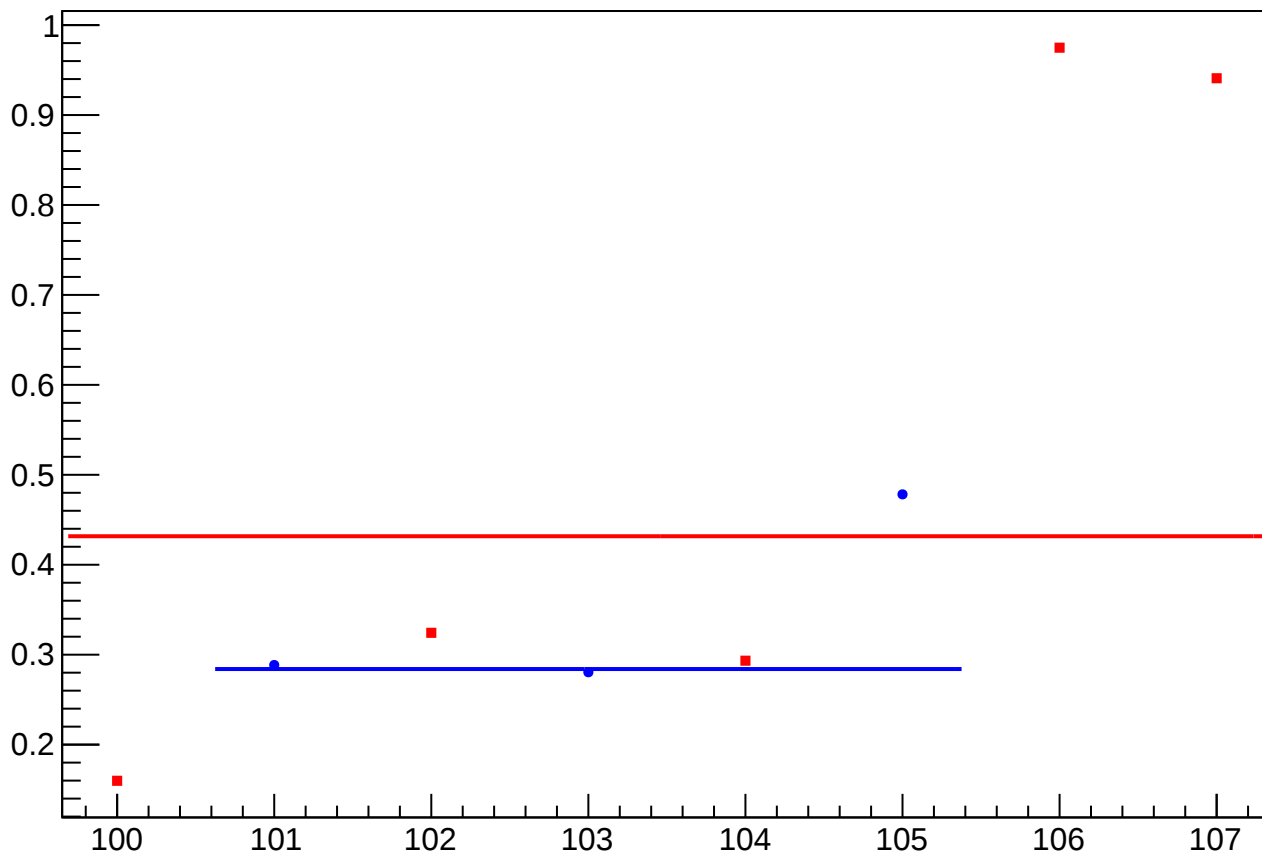
Right Out: 0.014+/-0.000 χ^2/NDF : 65820.9/4

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

0.015+/-0.000 χ^2/NDF : 11977.9/2

0.014+/-0.000 χ^2/NDF : 65820.9/4

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

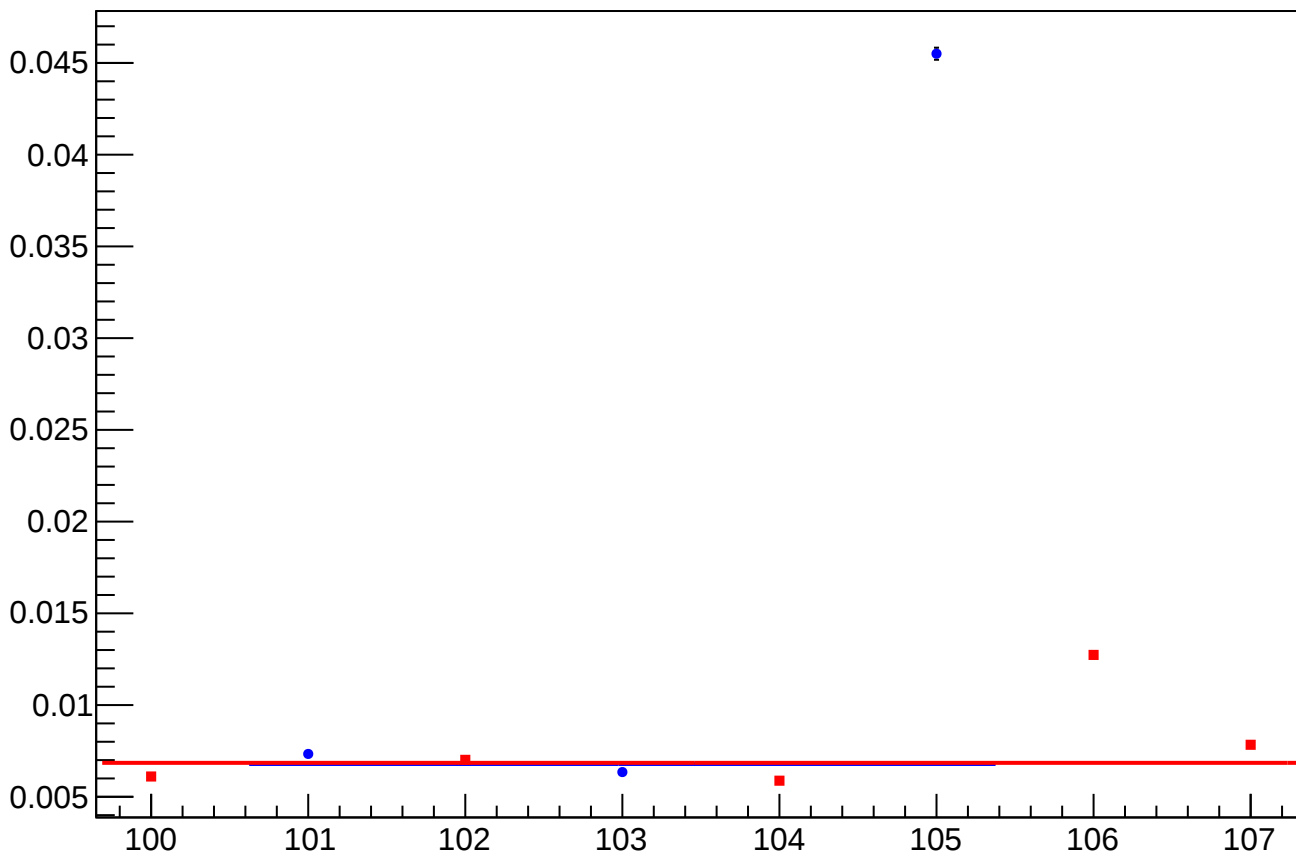
Right Out: 0.432+/-0.000 χ^2/NDF : 2325737416.9/4

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

0.284+/-0.000 χ^2/NDF : 556946.4/2

0.432+/-0.000 χ^2/NDF : 2325737416.9/4

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

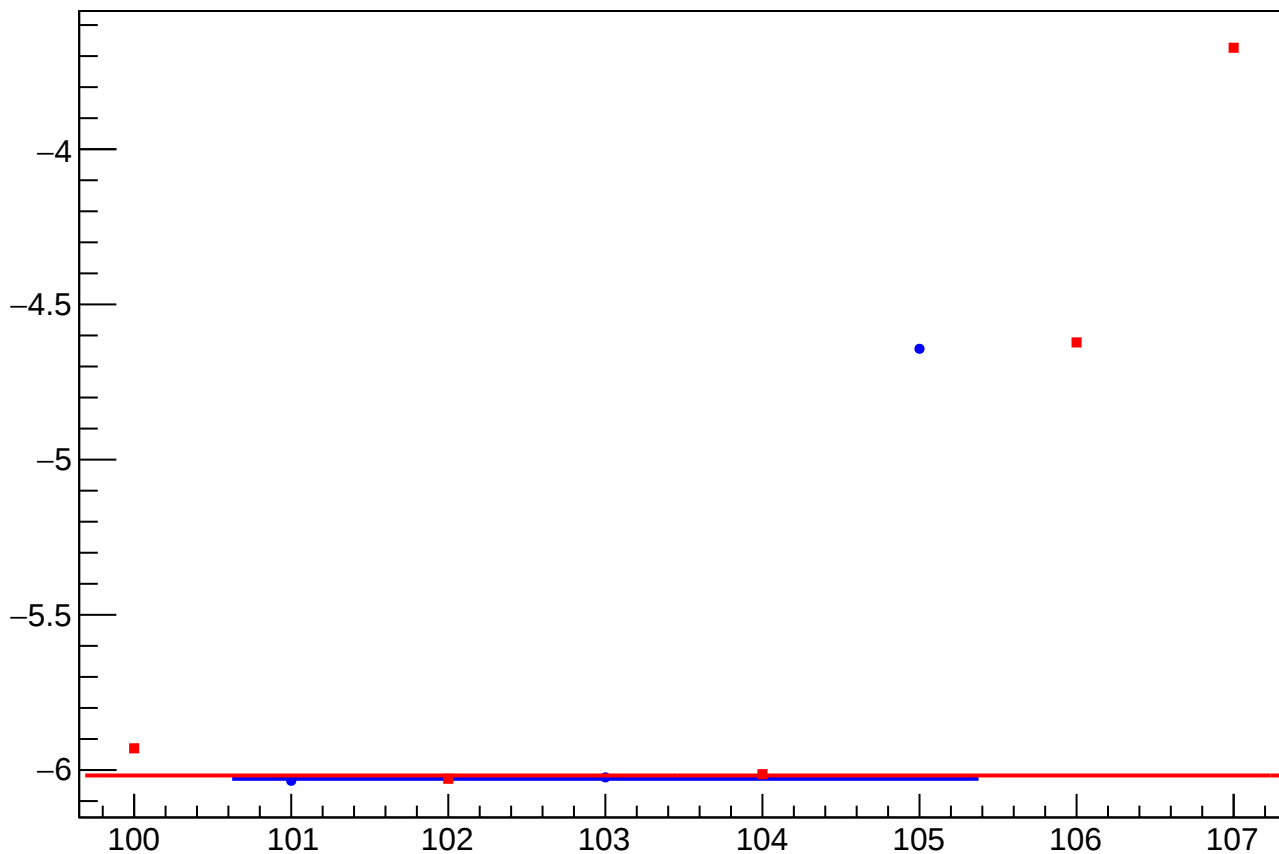
Right Out: 0.007+/-0.000 χ^2/NDF : 122166.5/4

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

0.007+/-0.000 χ^2/NDF : 25454.9/2

0.007+/-0.000 χ^2/NDF : 122166.5/4

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

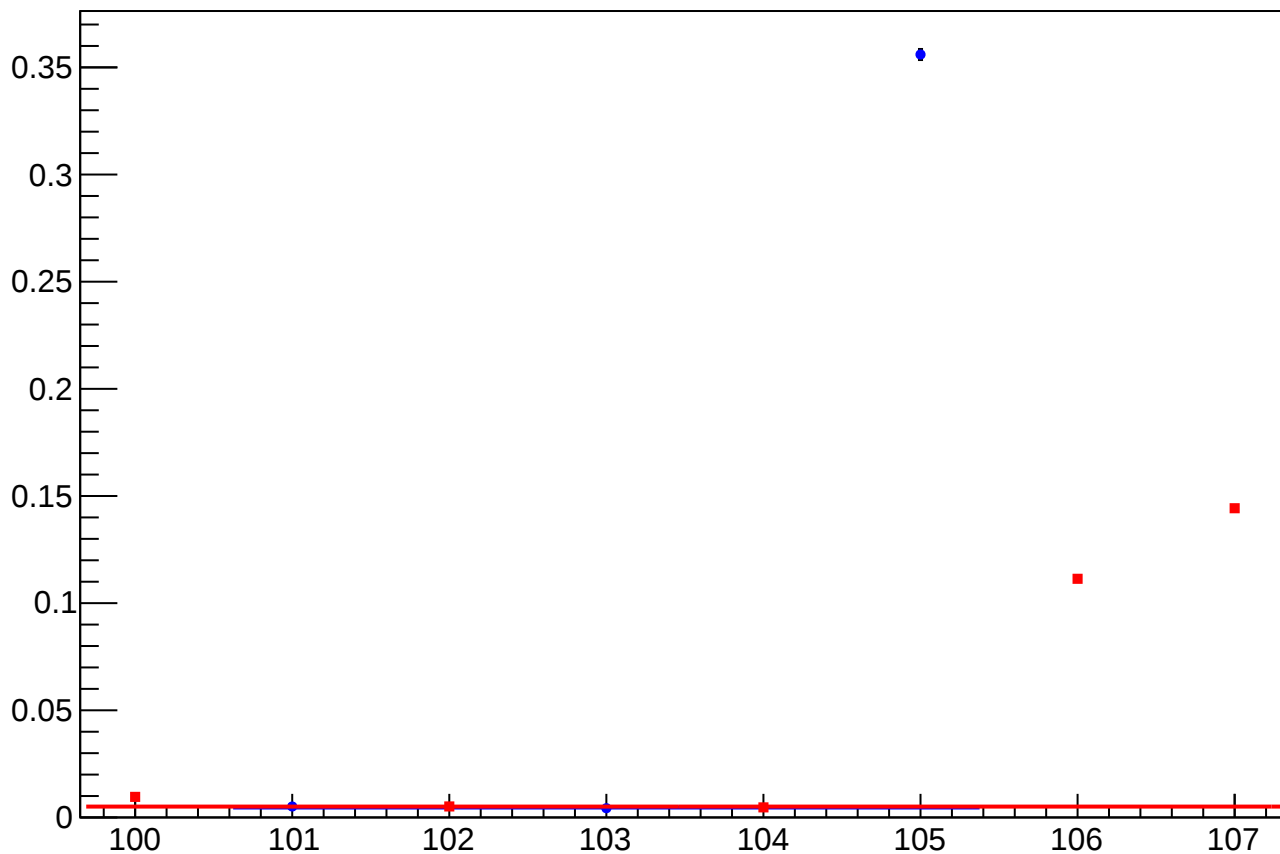
Right Out: -6.018+/-0.000 χ^2/NDF : 131319845.6/4

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 : 131319845.6/4

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

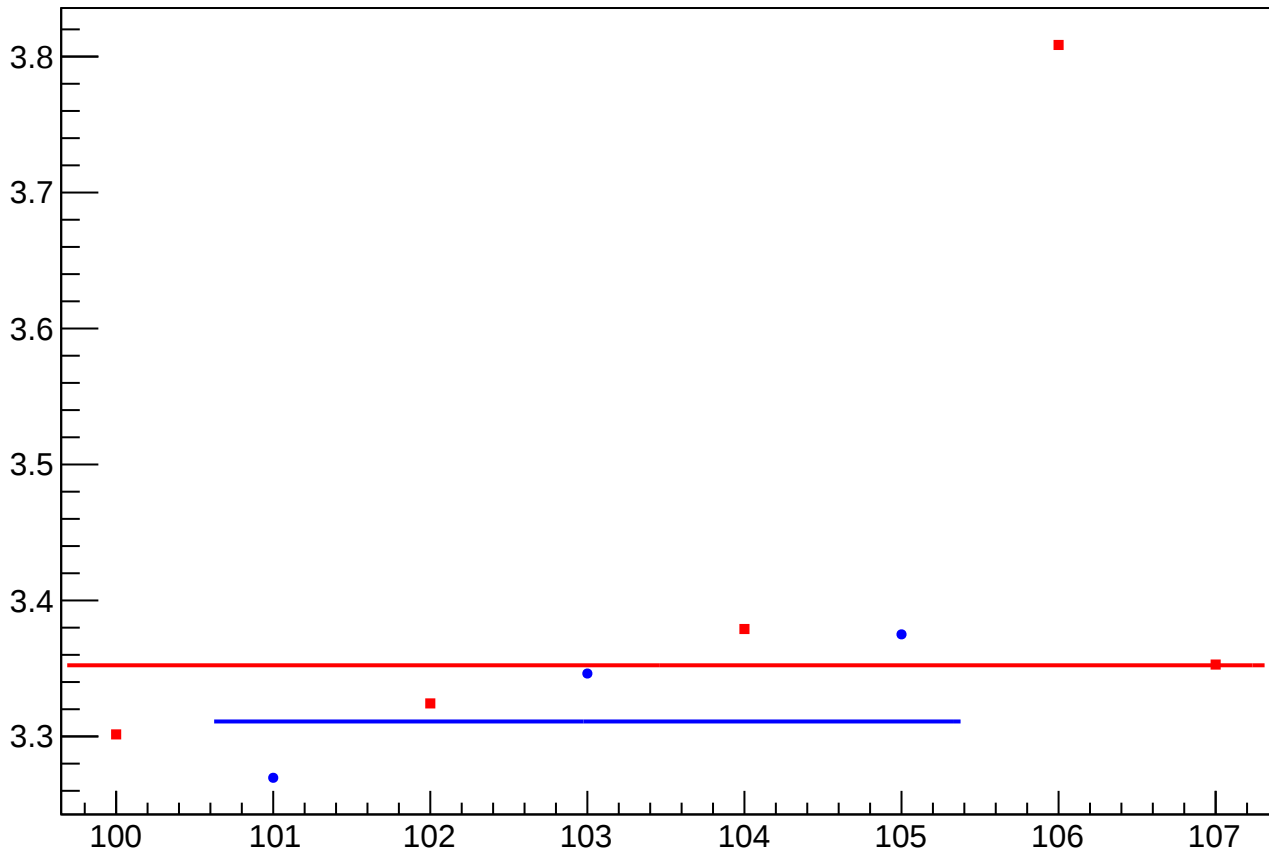
Right Out: 0.005+/-0.000 χ^2/NDF : 1109091.2/4

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 : 1109091.2/4

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

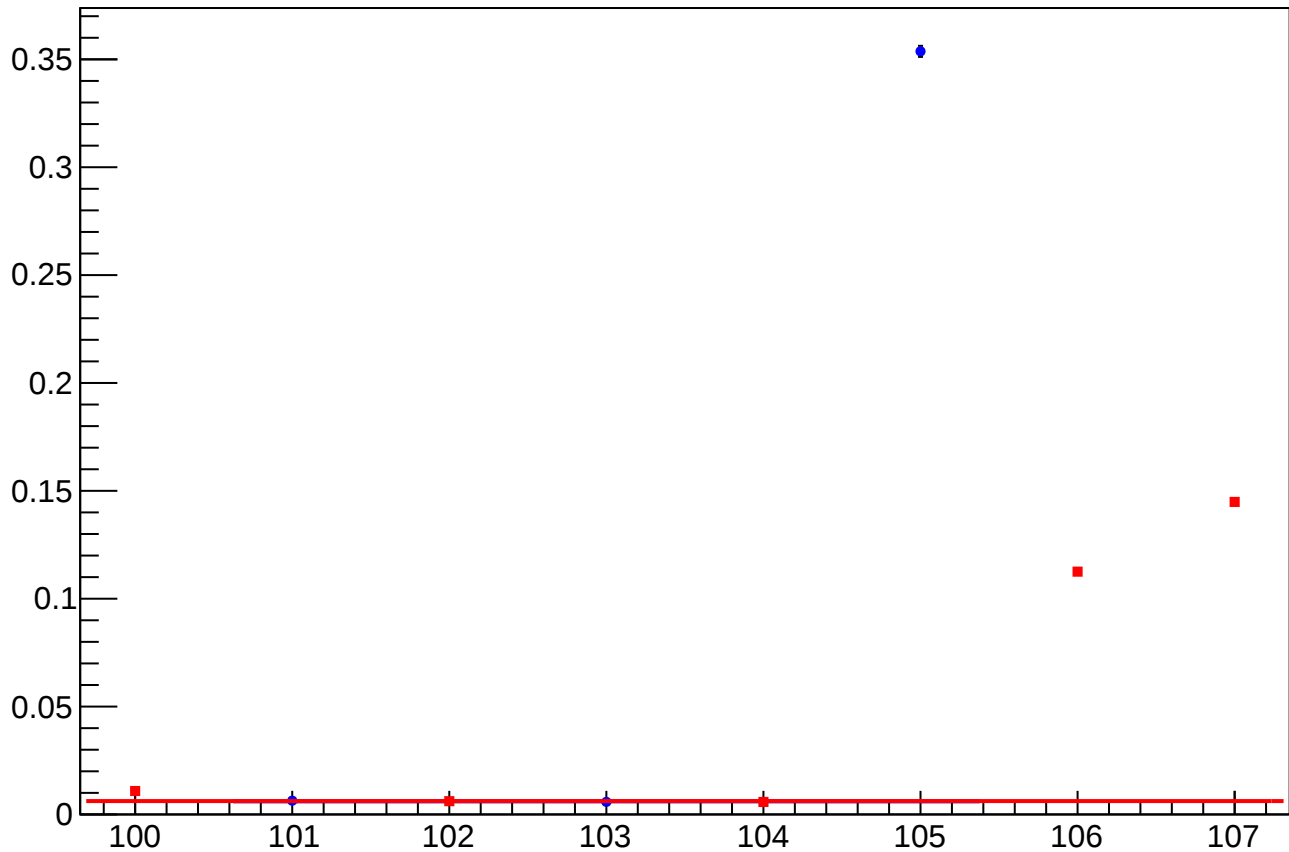
Right Out: 3.352+/-0.000 χ^2/NDF : 24171265.9/4

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 : 24171265.9/4

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

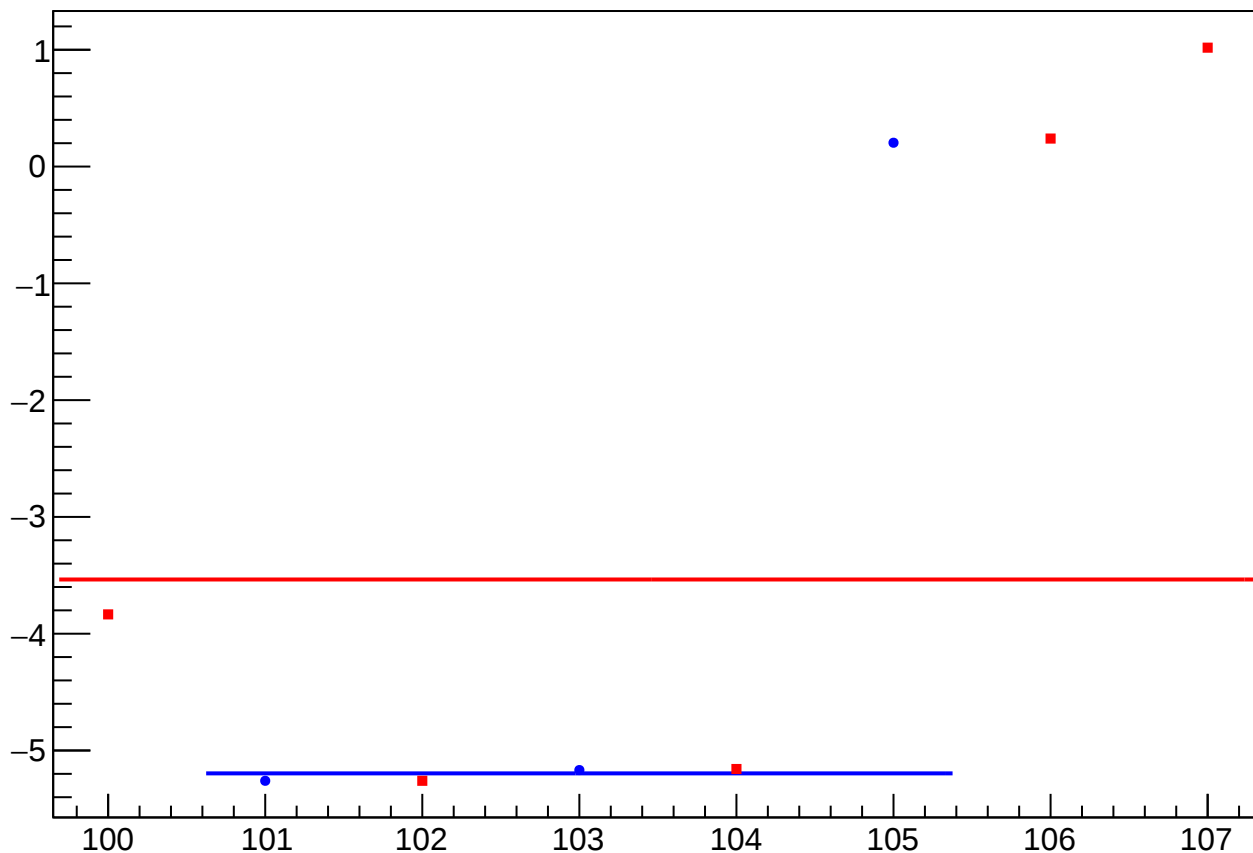
Right Out: 0.006+/-0.000 χ^2/NDF : 1084275.9/4

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 : 1084275.9/4

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

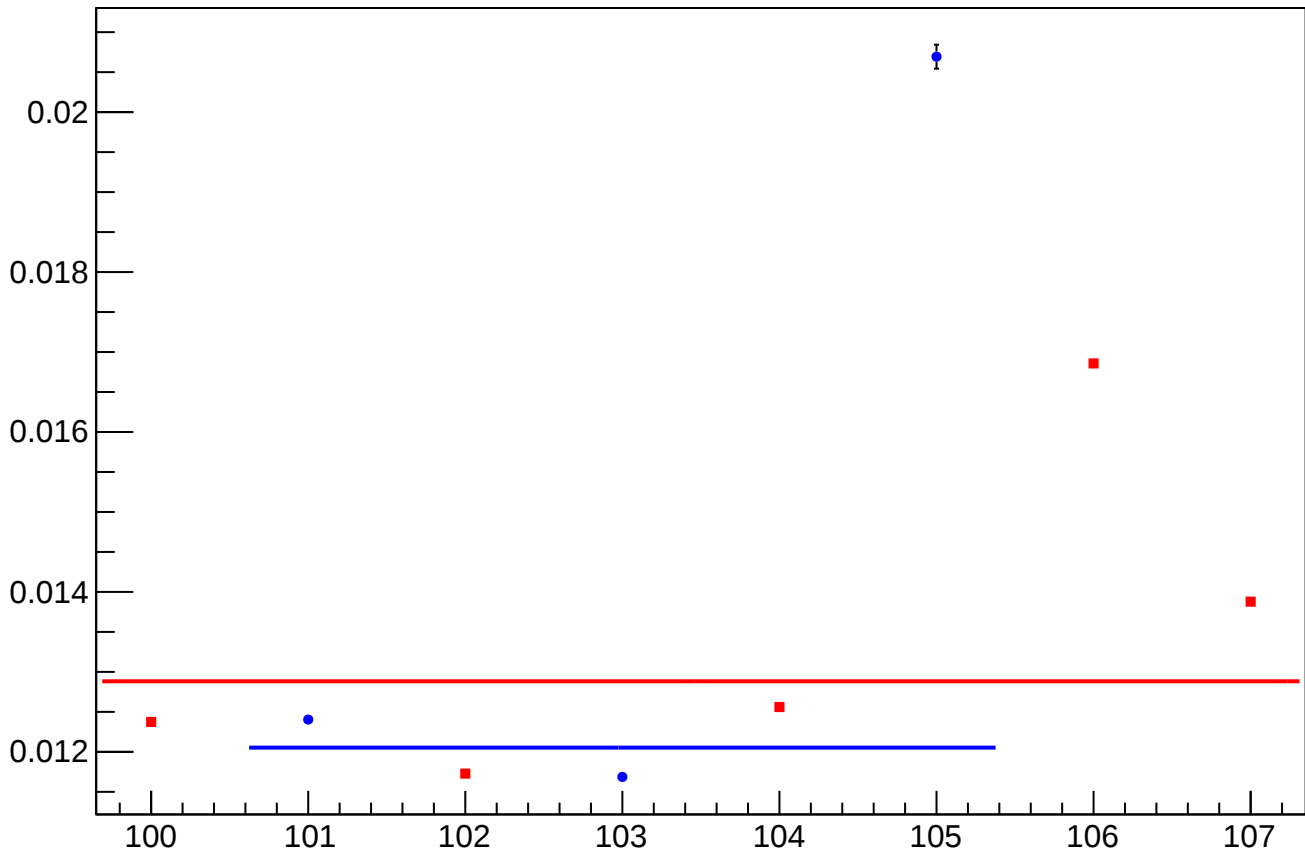
Right Out: -3.536+/-0.000 χ^2/NDF : 70842163324.8/4

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

-5.196+/-0.000 χ^2/NDF : 666918760.3/2

-3.536+/-0.000 χ^2/NDF : 70842163324.8/4

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

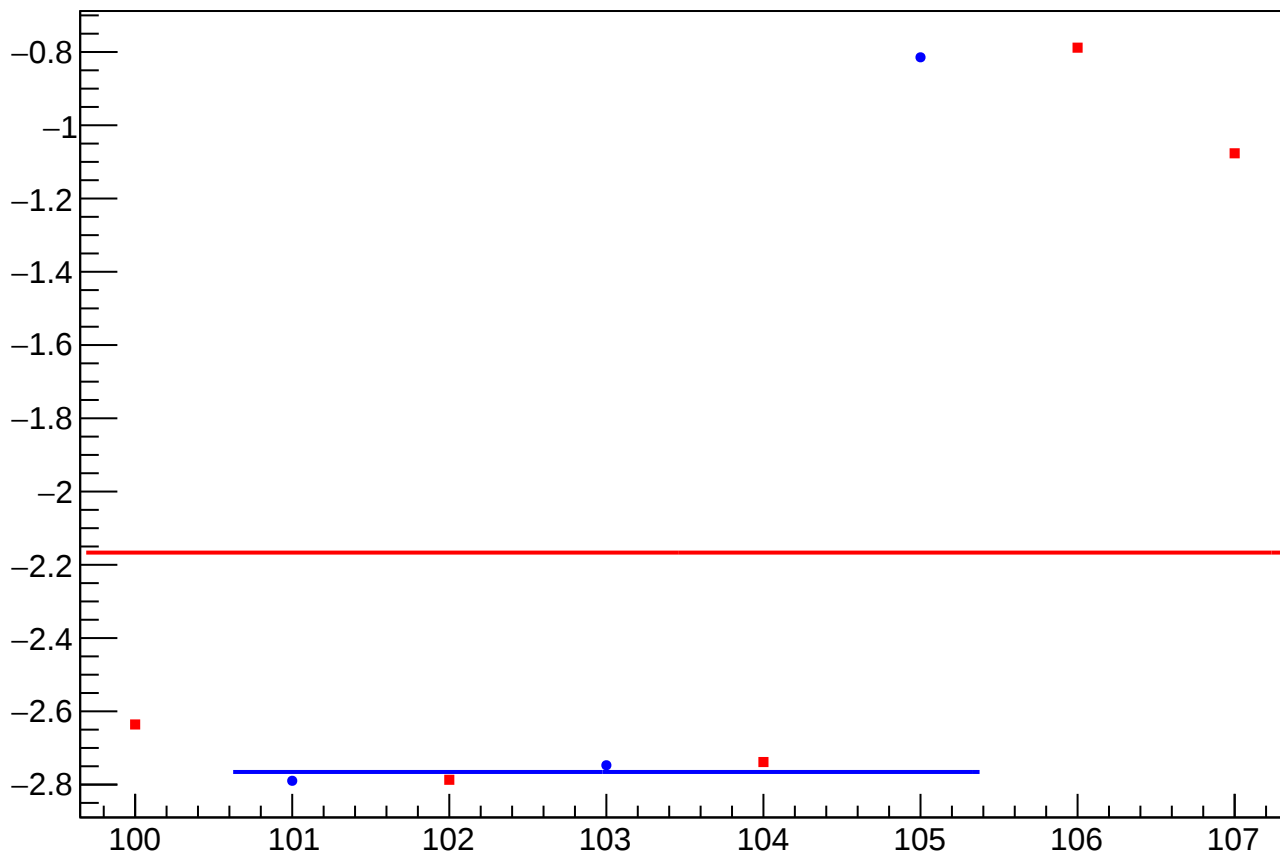
Right Out: 0.013+/-0.000 χ^2/NDF : 46405.2/4

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 : 46405.2/4

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

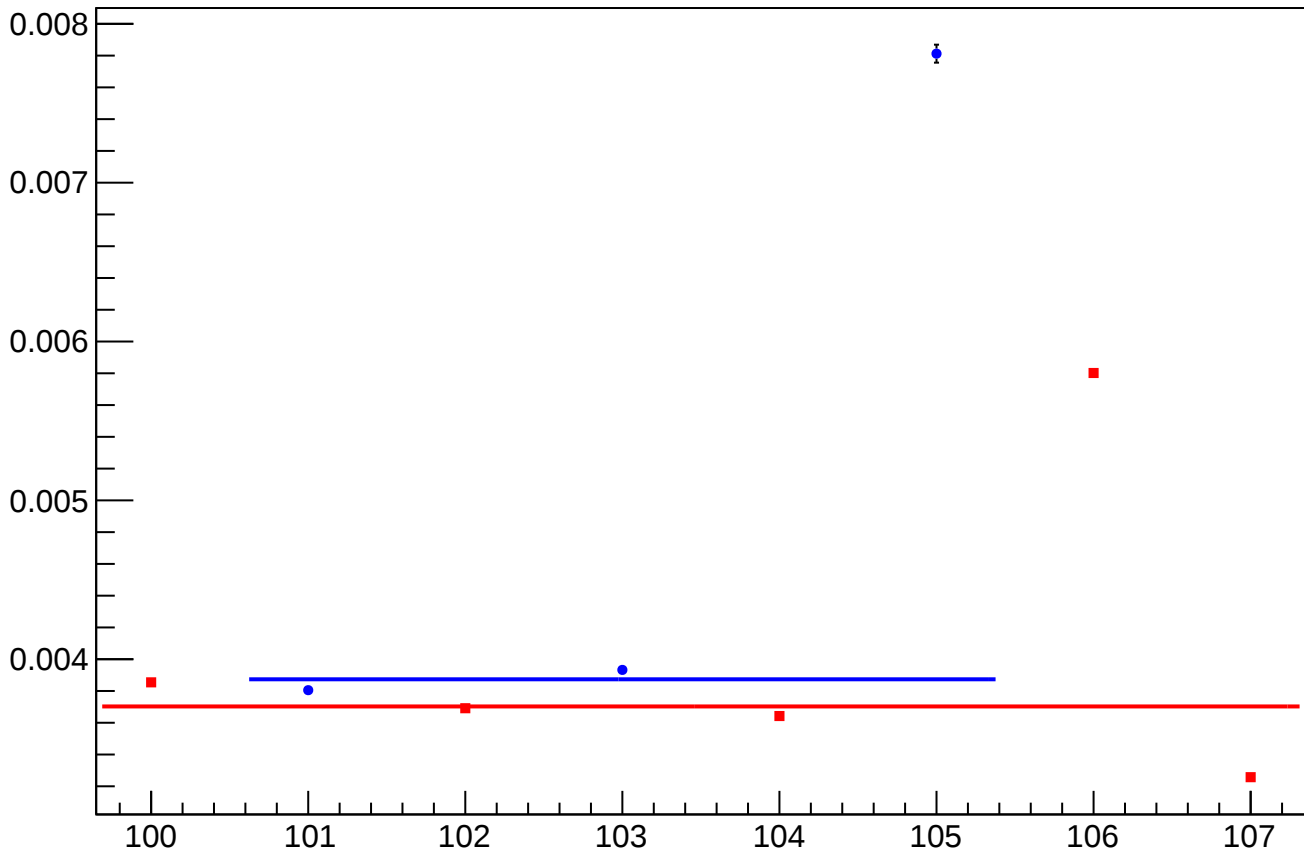
Right Out: -2.167+/-0.000 χ^2/NDF : 83063088591.5/4

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

-2.766+/-0.000 χ^2/NDF : 629172440.0/2

-2.167+/-0.000 χ^2/NDF : 83063088591.5/4

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

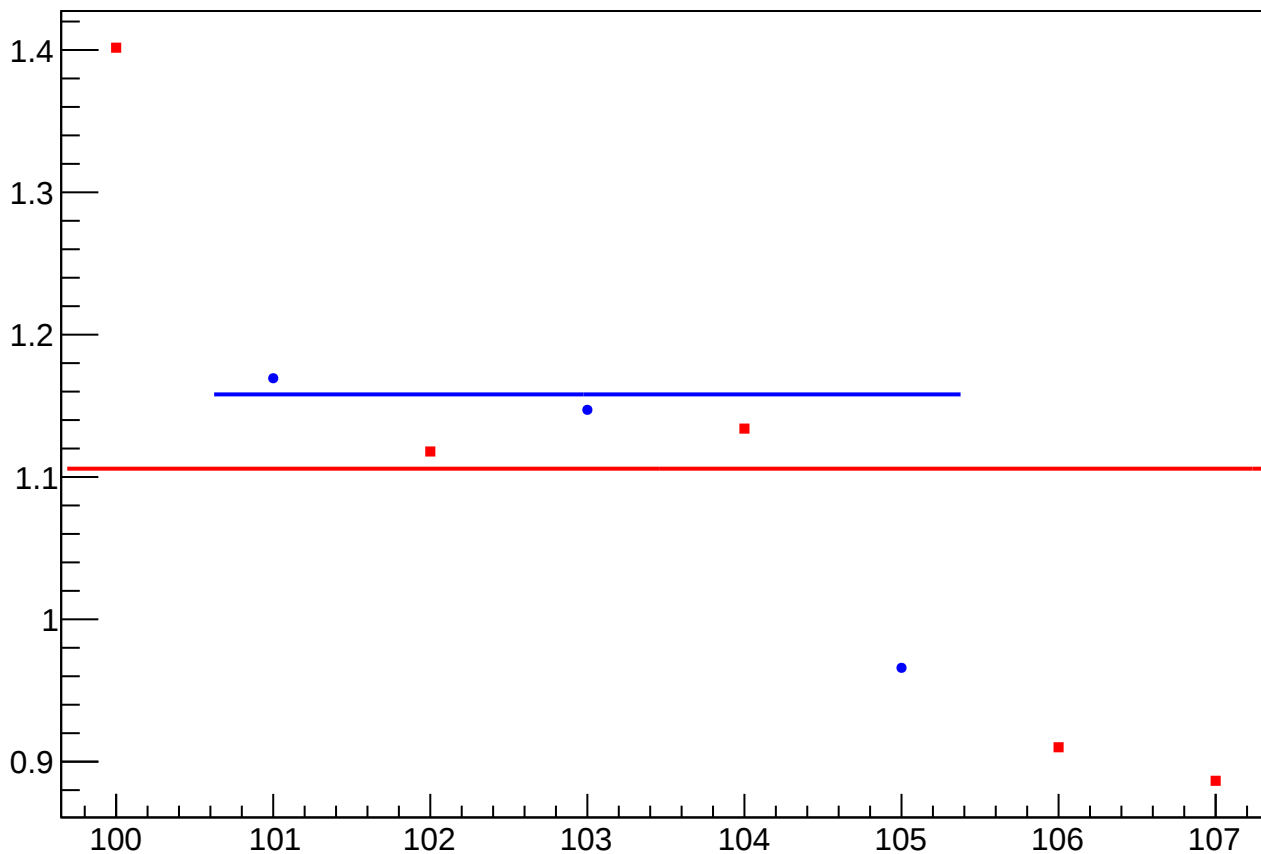
Right Out: 0.004+/-0.000 χ^2/NDF : 84315.7/4

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 : 84315.7/4

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

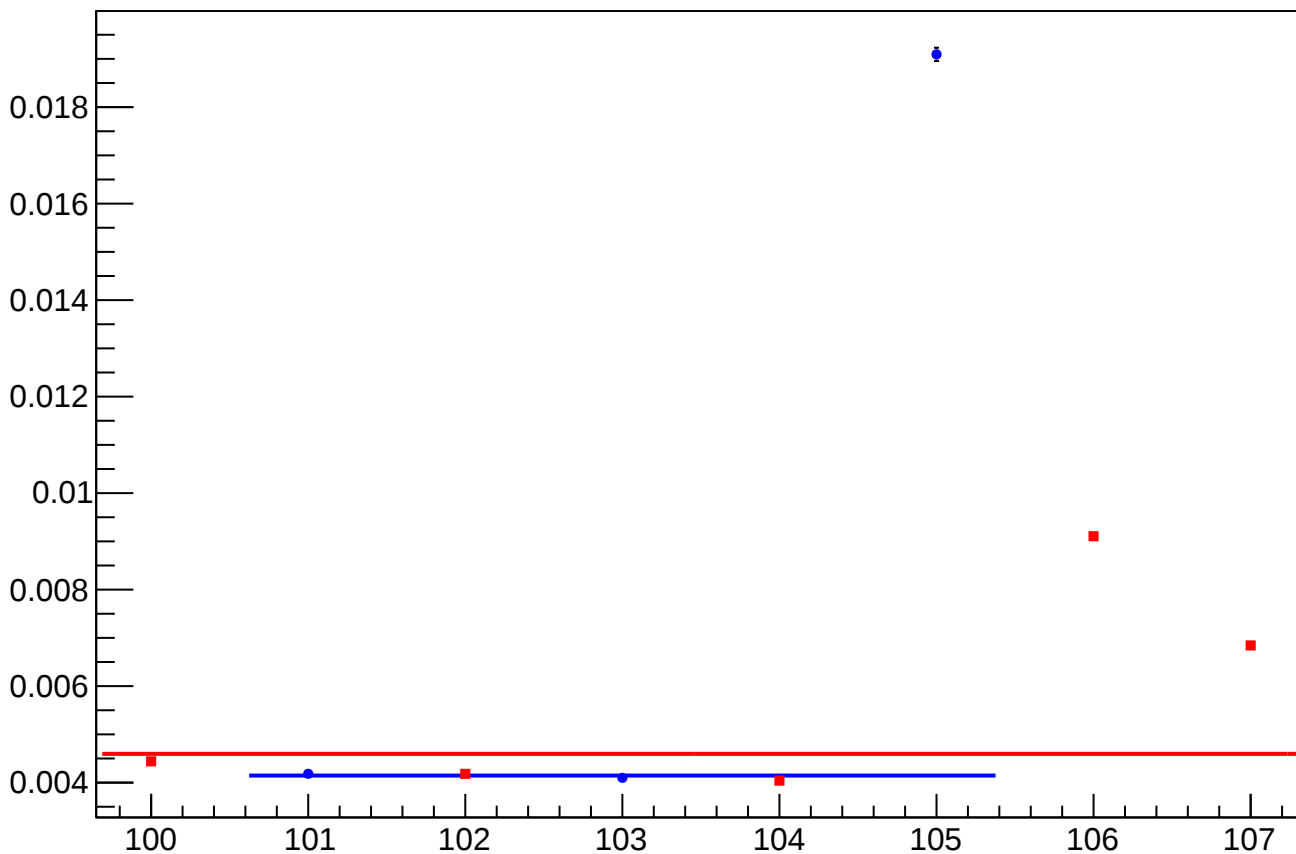
Right Out: 1.106+/-0.000 χ^2/NDF : 774115771.1/4

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

1.158+/-0.000 χ^2/NDF : 8892274.3/2

1.106+/-0.000 χ^2/NDF : 774115771.1/4

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

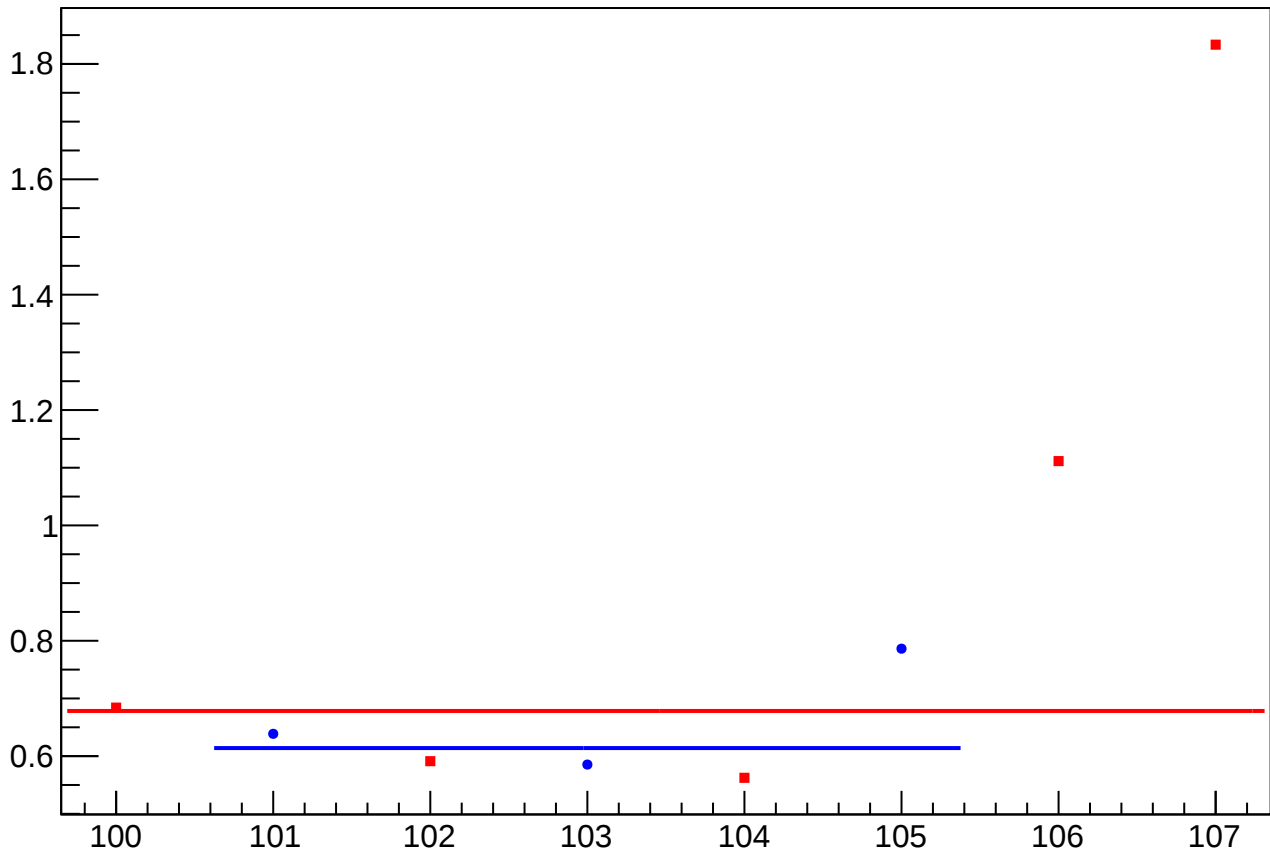
0.004+/-0.000 χ^2/NDF : 11908.8/2

Right Out: 0.005+/-0.000 χ^2/NDF : 214267.0/4

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

0.005+/-0.000 χ^2/NDF : 214267.0/4

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

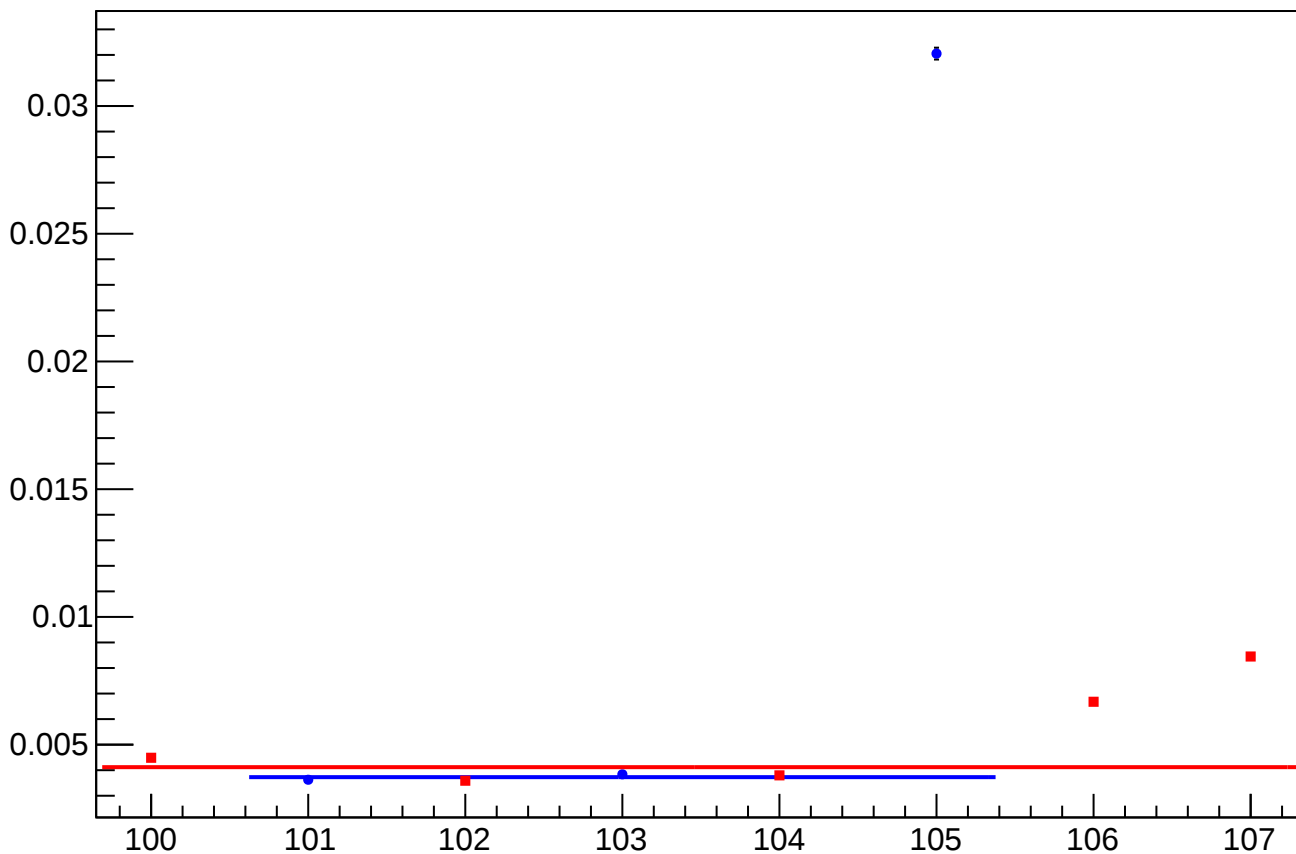
0.614+/-0.000 χ^2/NDF : 56774838.5/2

Right Out: 0.678+/-0.000 χ^2/NDF : 7909200291.2/4

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

0.678+/-0.000 χ^2/NDF : 7909200291.2/4

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

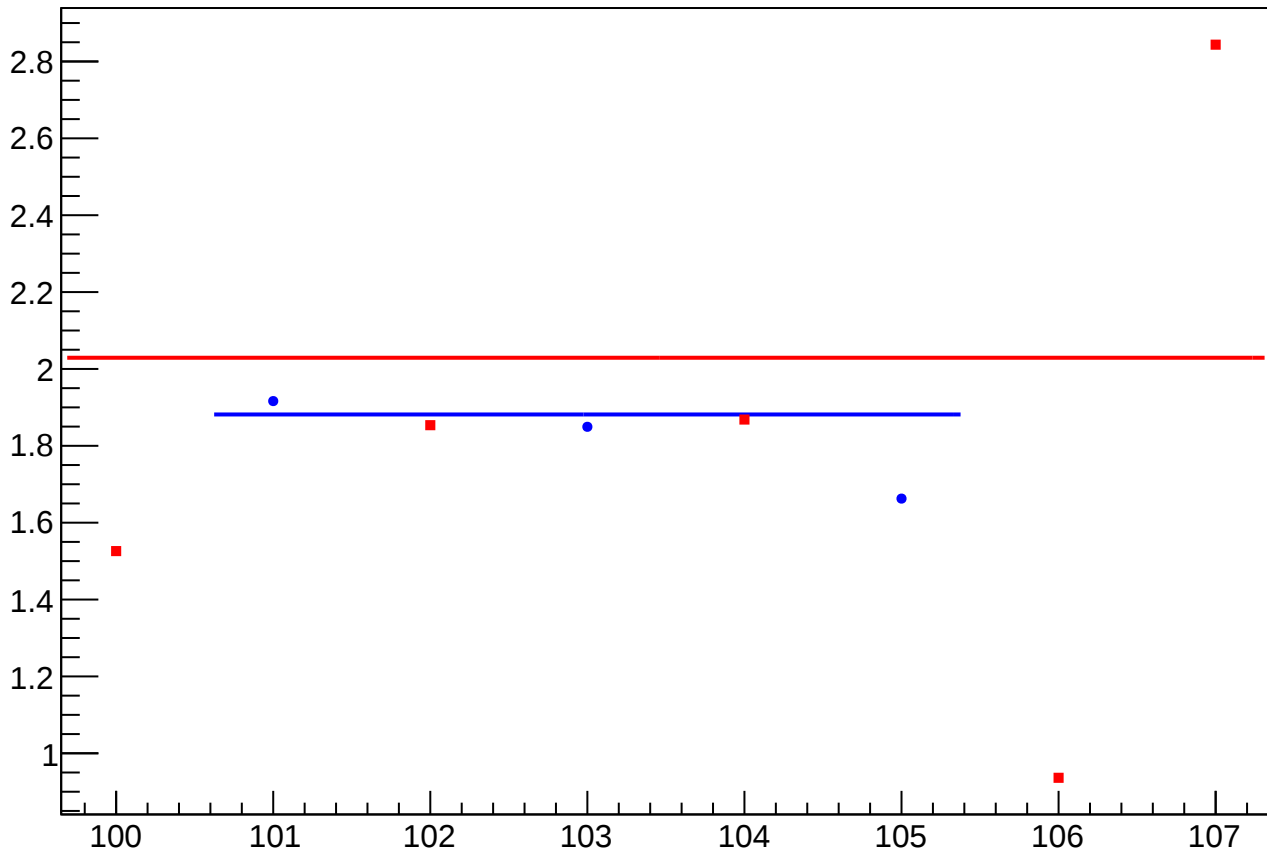
Right Out: 0.004+/-0.000 χ^2/NDF : 261855.9/4

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 : 261855.9/4

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

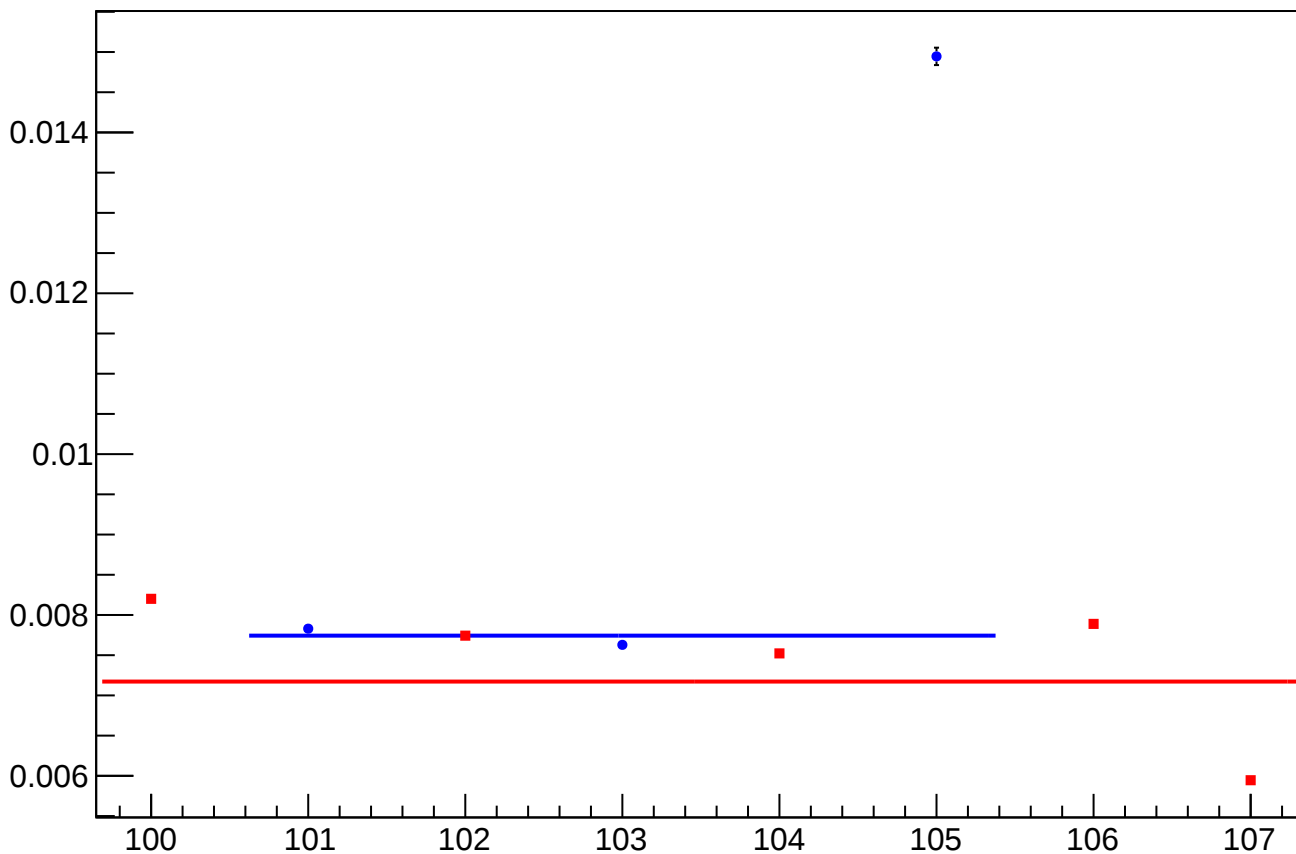
1.882 $\pm$ 0.000 χ^2 /NDF: 22923371.7/2

Right Out: 2.029 $\pm$ 0.000 χ^2 /NDF: 12283184200.6/4

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

2.029 $\pm$ 0.000 χ^2 /NDF: 12283184200.6/4

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

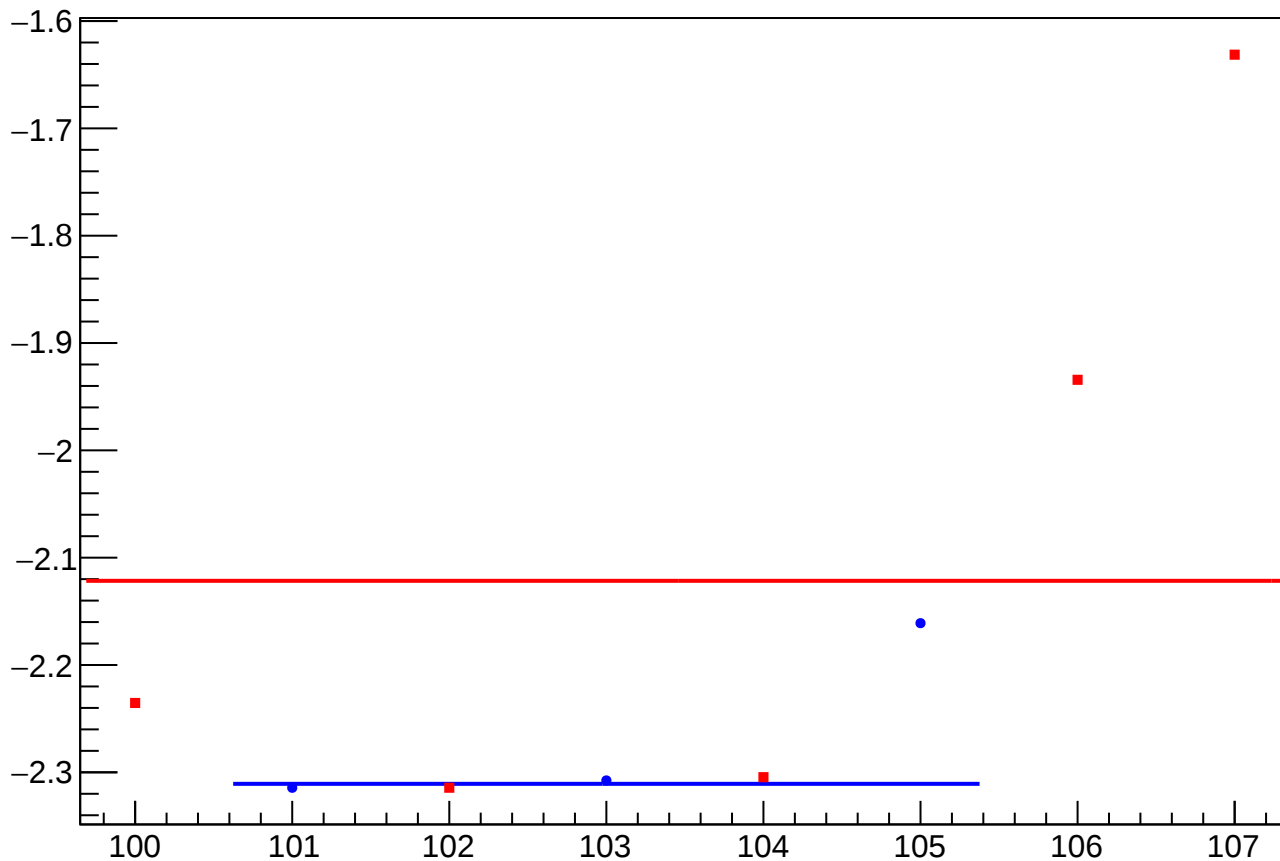
Right Out: 0.007+/-0.000 χ^2/NDF : 43868.5/4

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

0.008+/-0.000 χ^2/NDF : 4811.9/2

0.007+/-0.000 χ^2/NDF : 43868.5/4

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

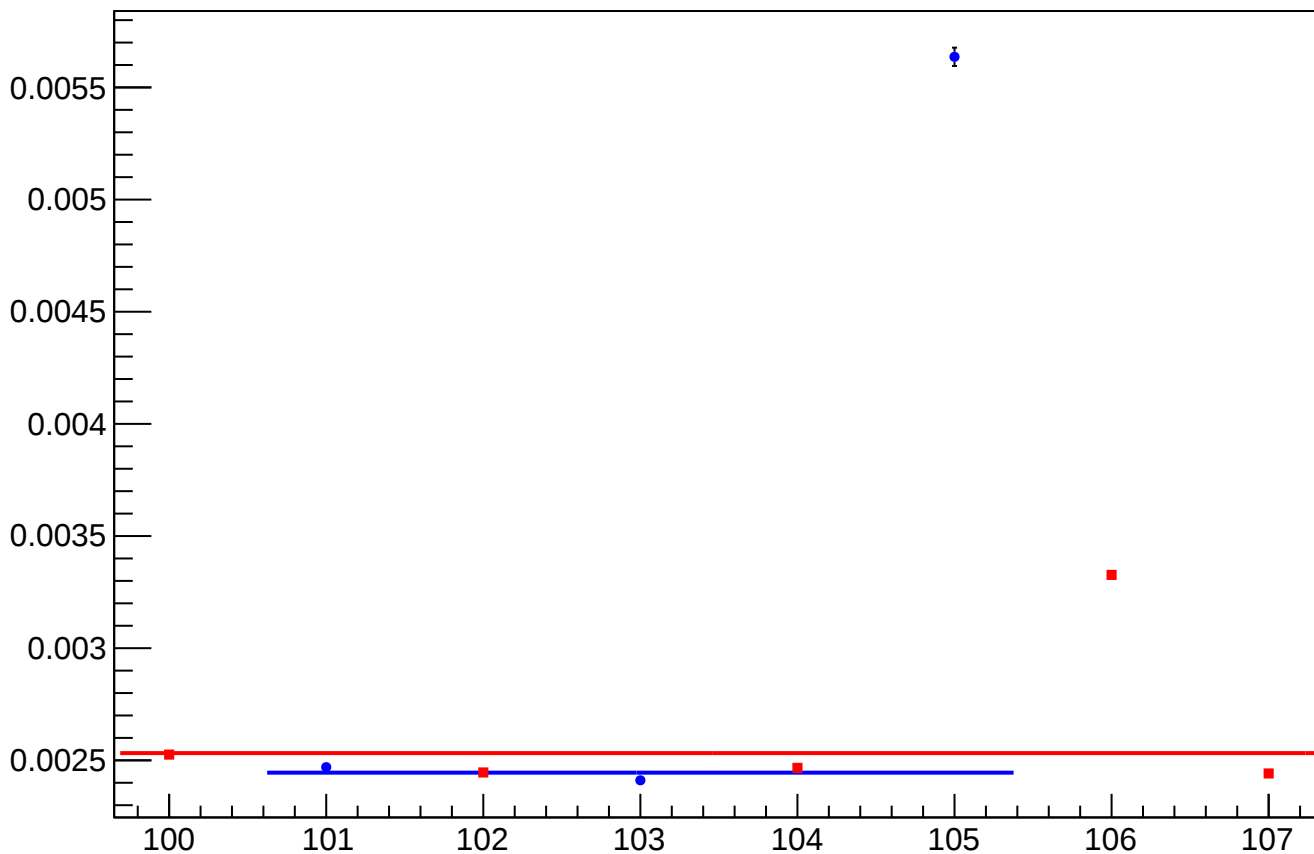
Right Out: -2.122+/-0.000 χ^2/NDF : 21145259936.1/4

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

-2.311+/-0.000 χ^2/NDF : 8998997.0/2

-2.122+/-0.000 χ^2/NDF : 21145259936.1/4

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

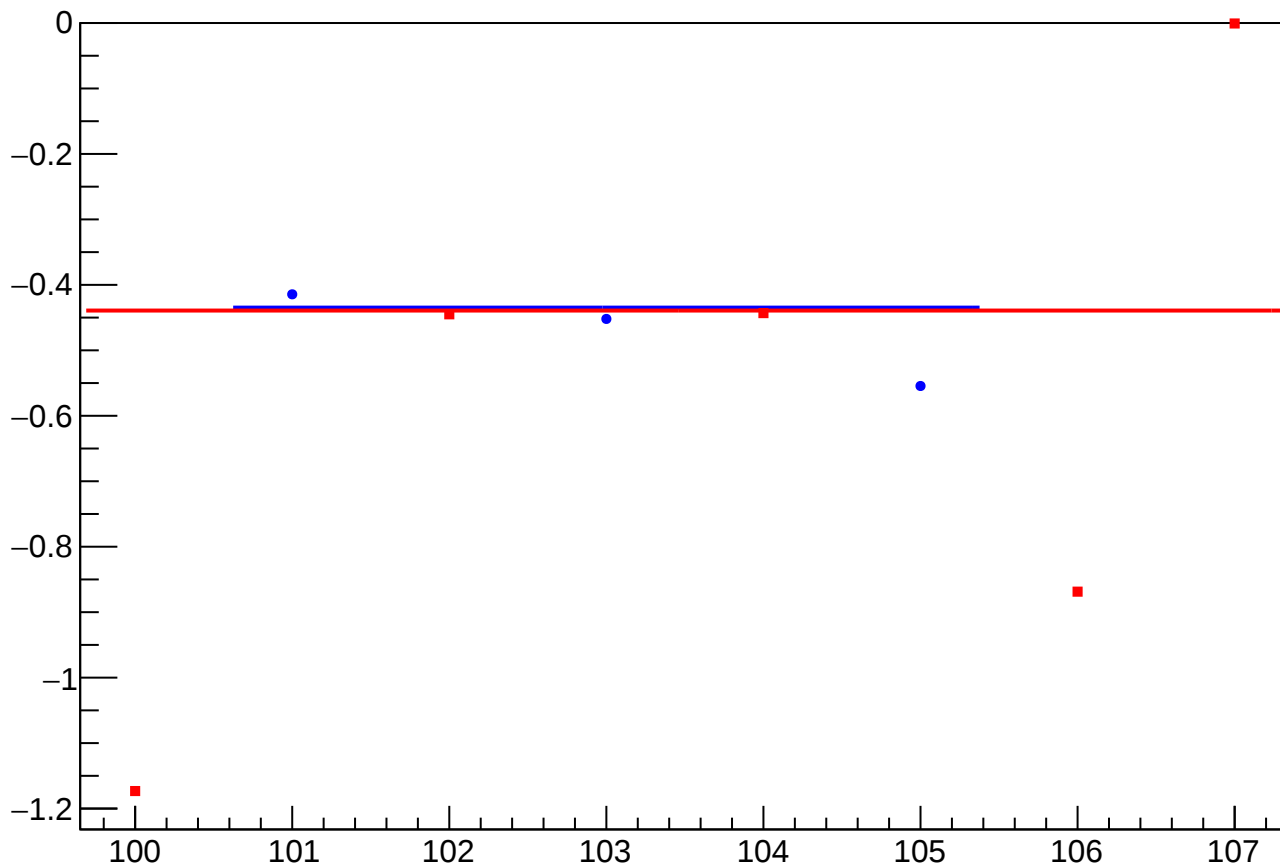
Right Out: 0.003+/-0.000 χ^2/NDF : 32358.6/4

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 : 32358.6/4

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

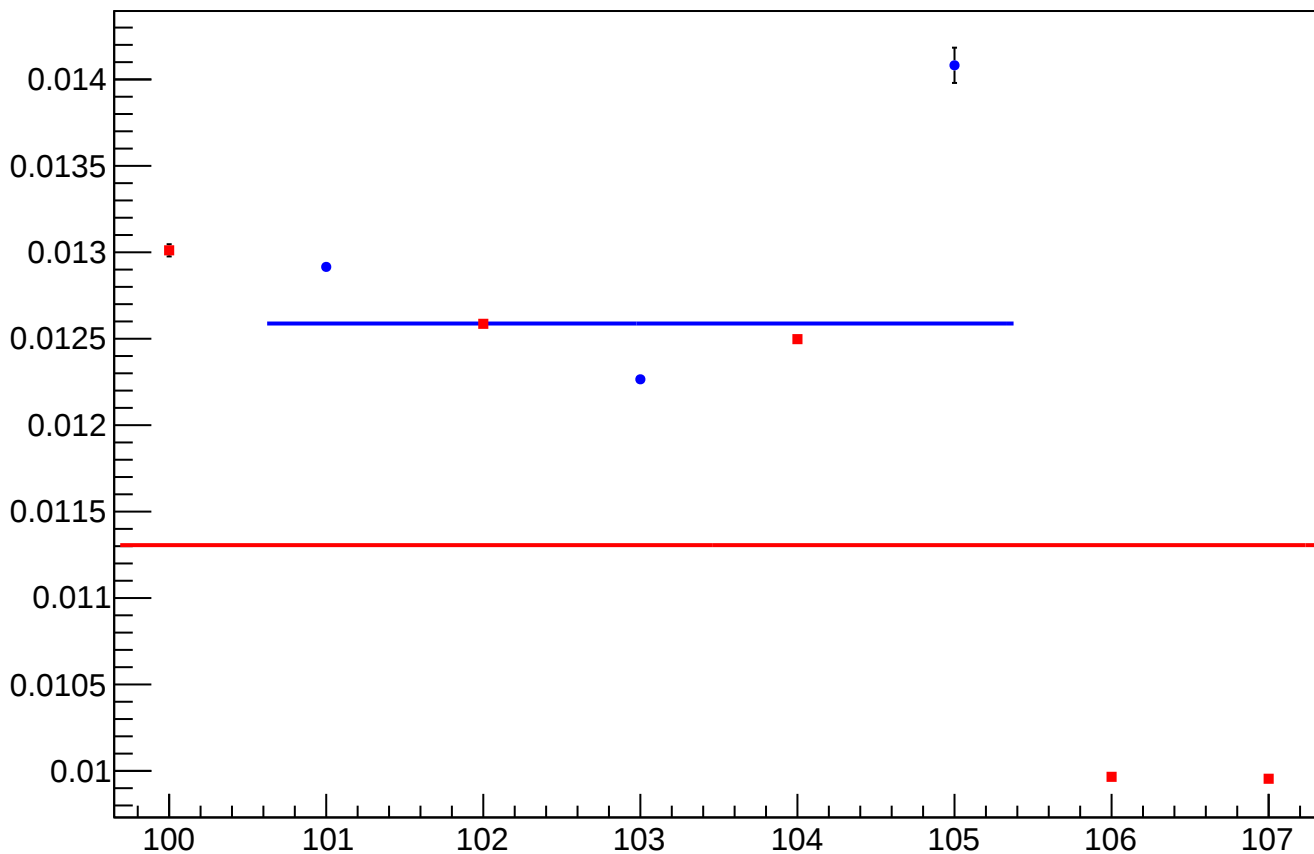
Right Out: -0.439+/-0.000 χ^2/NDF : 1430073191.5/4

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

-0.435+/-0.000 χ^2/NDF : 3220383.7/2

-0.439+/-0.000 χ^2/NDF : 1430073191.5/4

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

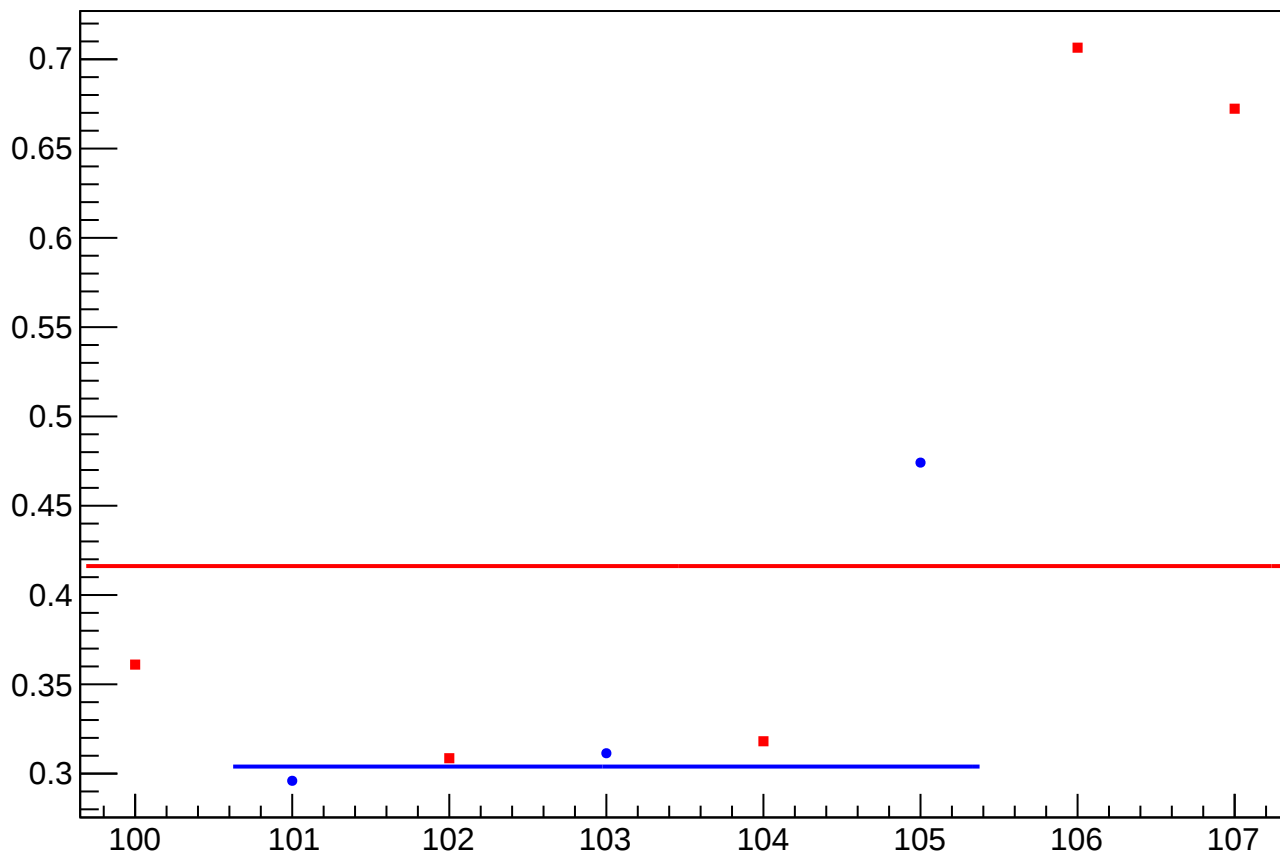
Right Out: 0.011+/-0.000 χ^2/NDF : 45424.7/4

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

0.013+/-0.000 χ^2/NDF : 1728.2/2

0.011+/-0.000 χ^2/NDF : 45424.7/4

yield_bpm0l07Y_mean vs slug



Right In: 0.304+/-0.000 χ^2/NDF : 13910661.1/2

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

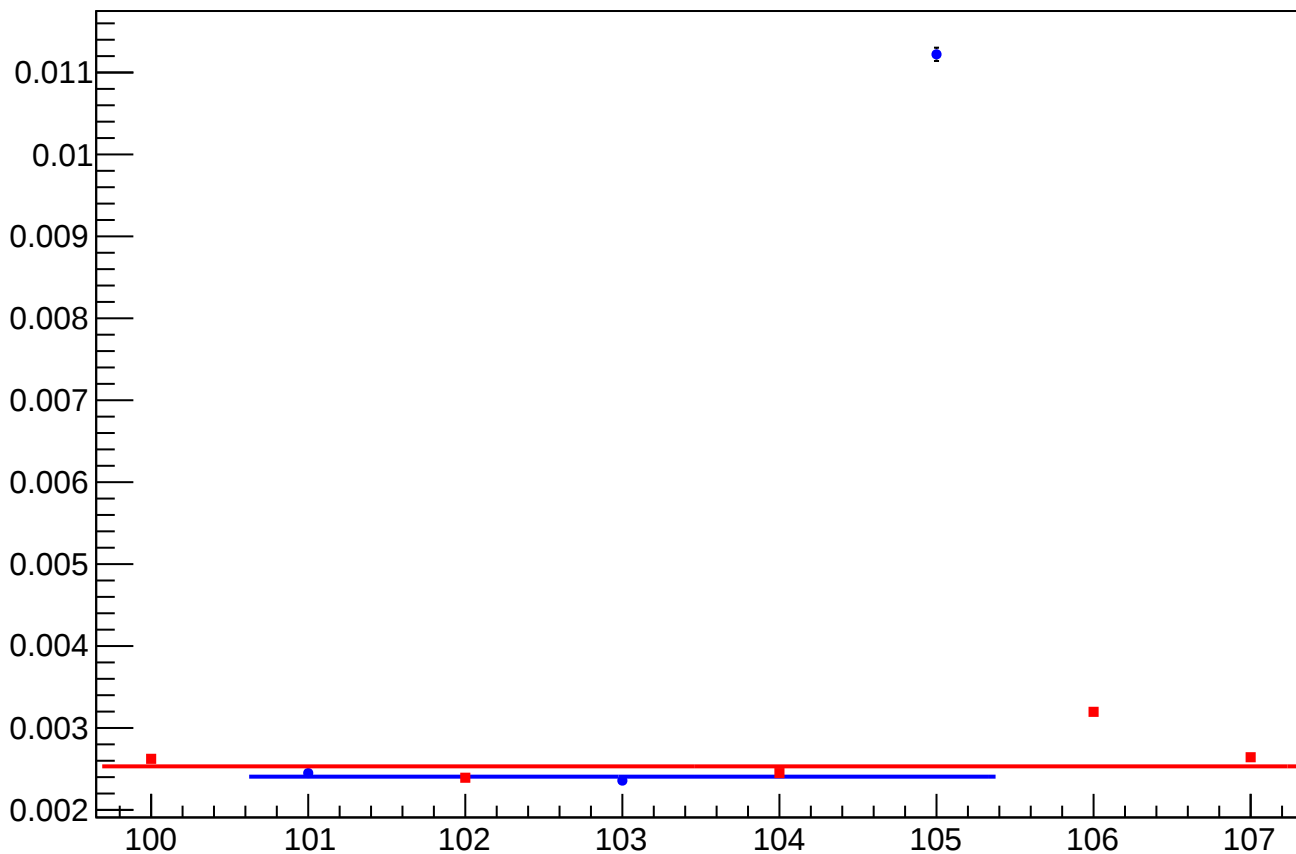
Right Out: 0.416+/-0.000 χ^2/NDF : 6814359974.1/4

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

0.304+/-0.000 χ^2/NDF : 13910661.1/2

0.416+/-0.000 χ^2/NDF : 6814359974.1/4

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

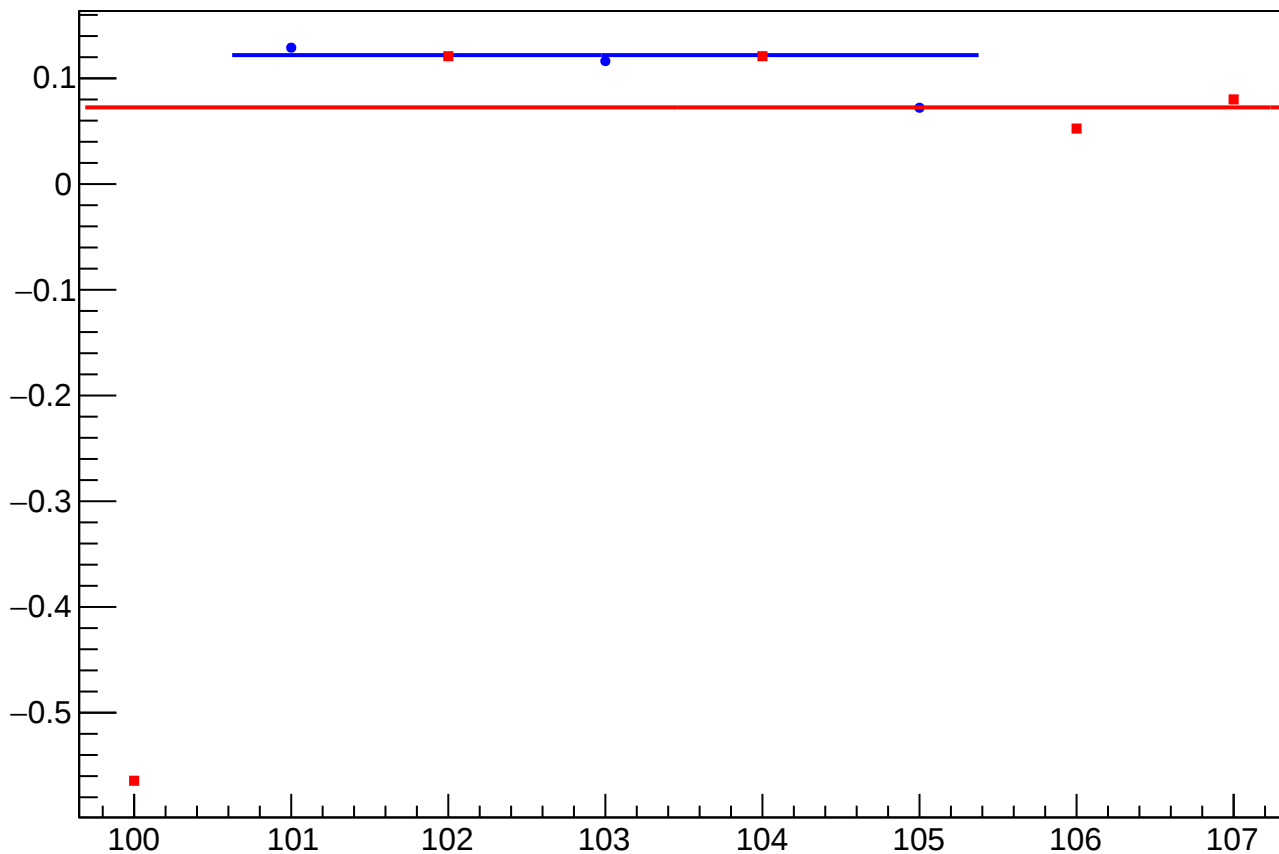
Right Out: 0.003+/-0.000 χ^2/NDF : 23558.4/4

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 : 23558.4/4

yield_bpm0l08X_mean vs slug



Right In: 0.122+/-0.000 χ^2/NDF : 554563.8/2

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

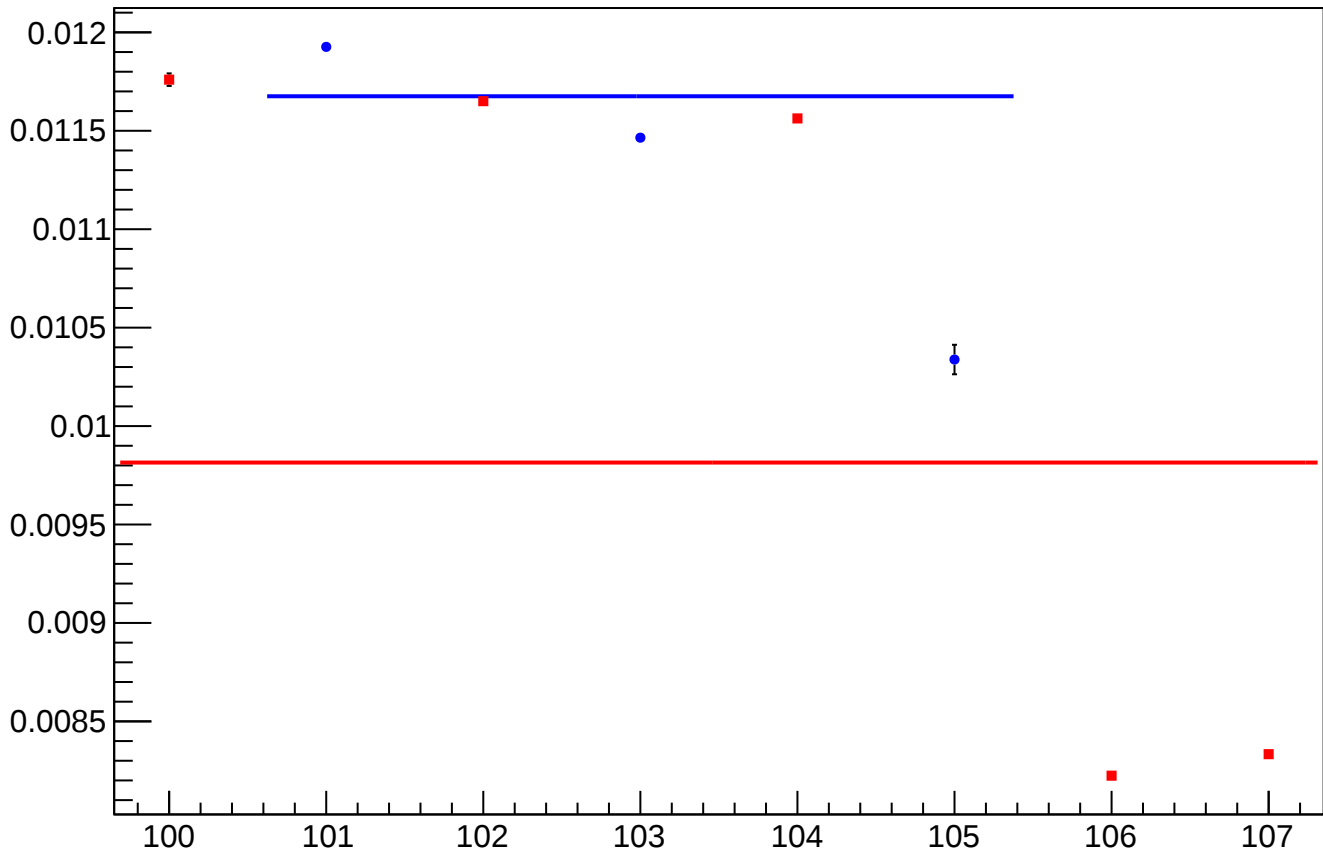
Right Out: 0.073+/-0.000 χ^2/NDF : 219468475.7/4

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

0.122+/-0.000 χ^2/NDF : 554563.8/2

0.073+/-0.000 χ^2/NDF : 219468475.7/4

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

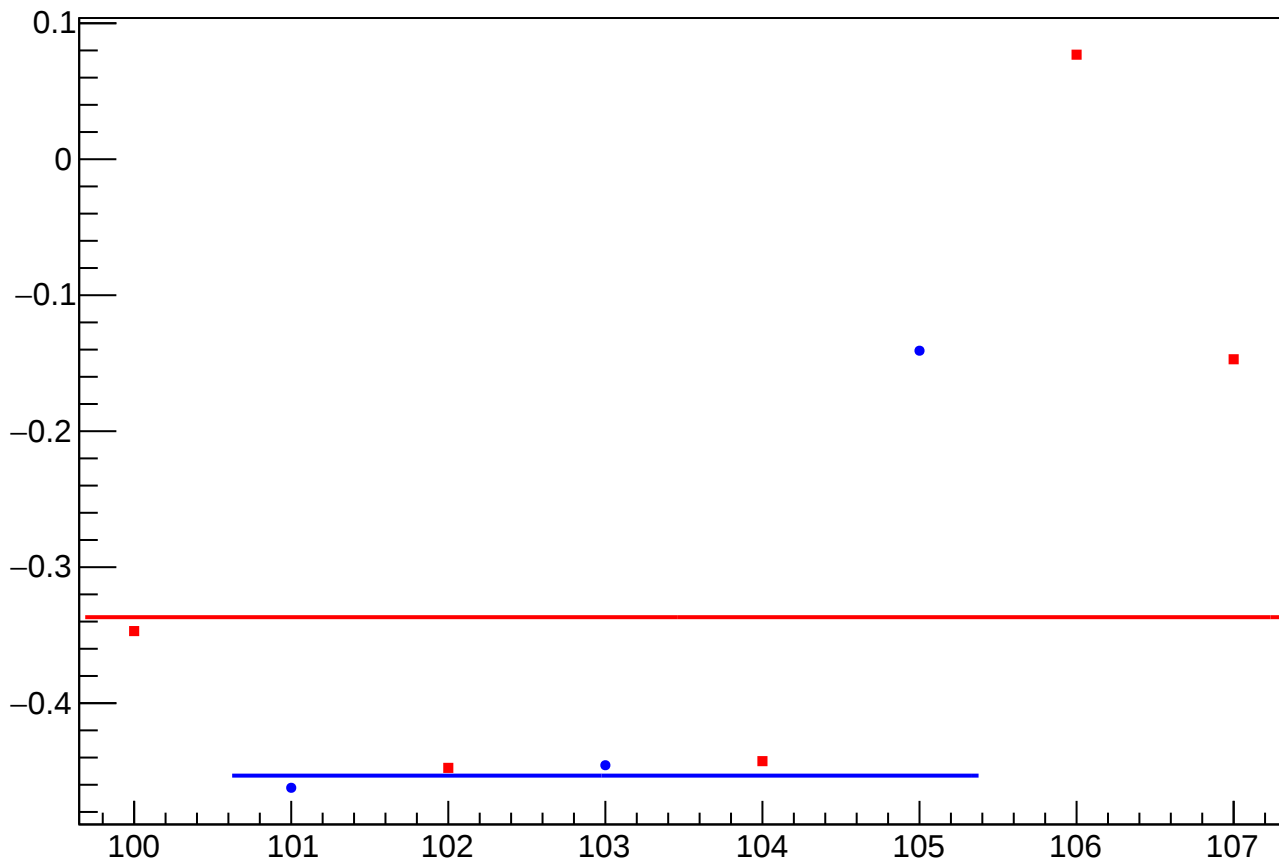
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 96085.5/4

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: 96085.5/4

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

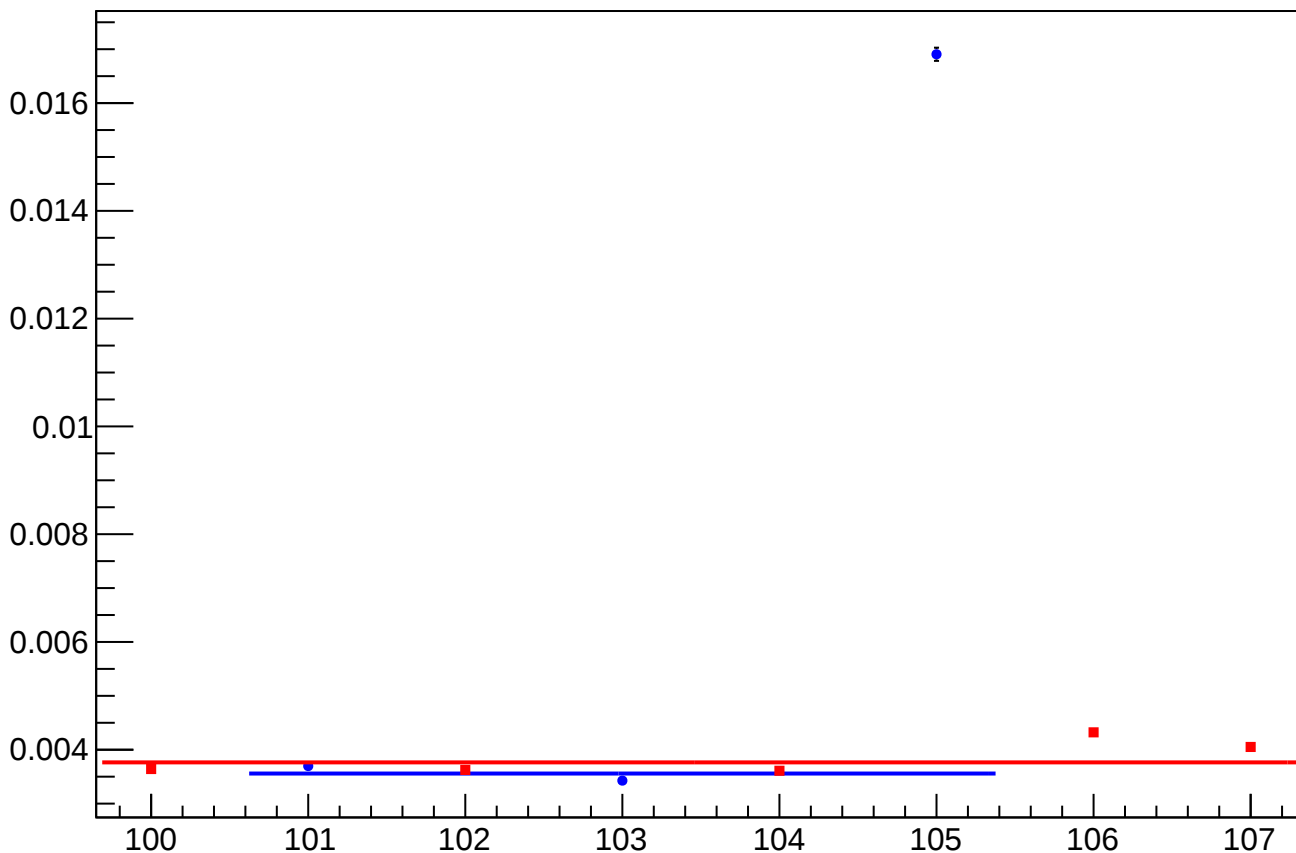
Right Out: -0.337+/-0.000 χ^2/NDF : 3450293395.6/4

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

-0.453+/-0.000 χ^2/NDF : 9373705.4/2

-0.337+/-0.000 χ^2/NDF : 3450293395.6/4

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

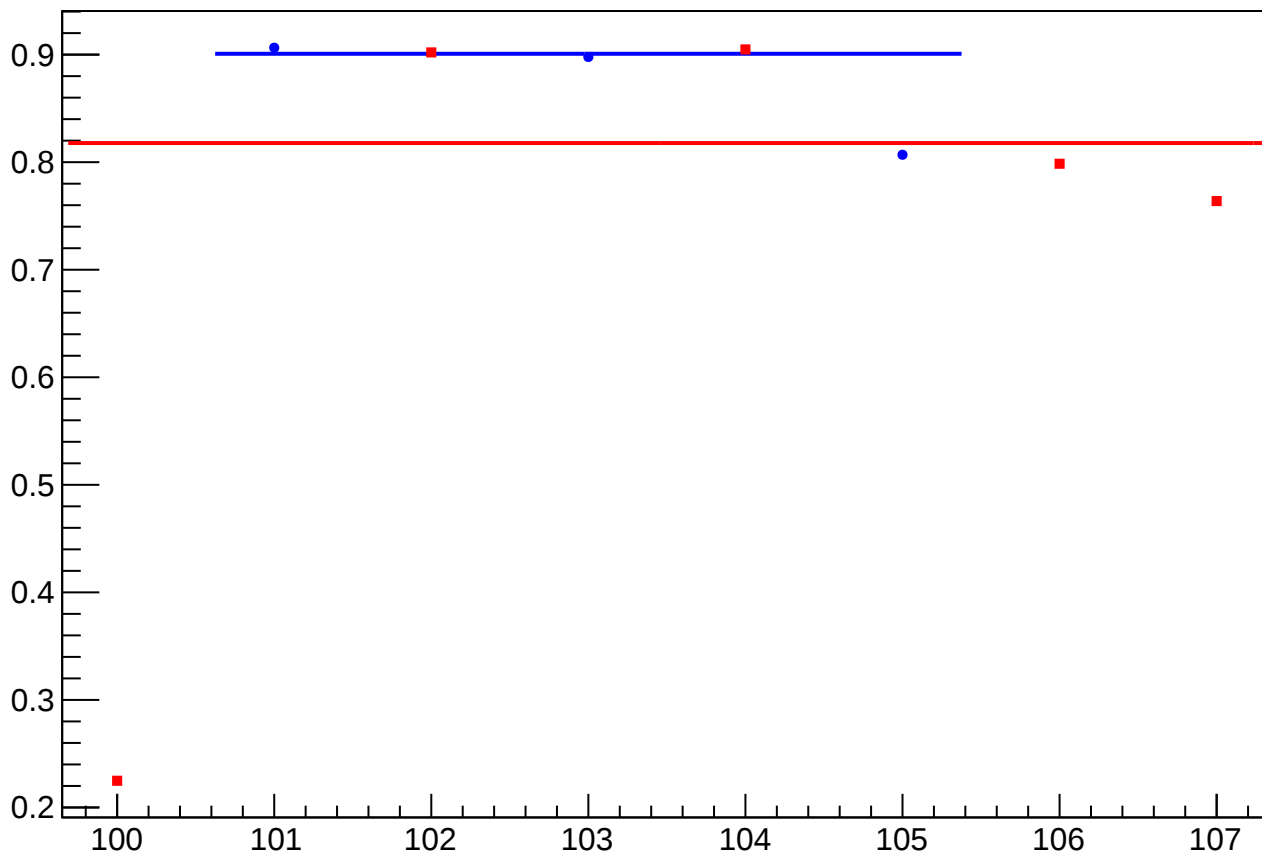
Right Out: 0.004+/-0.000 χ^2/NDF : 13452.5/4

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 : 13452.5/4

yield_bpm0l09X_mean vs slug



Right In: 0.901+/-0.000 χ^2/NDF : 973813.6/2

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

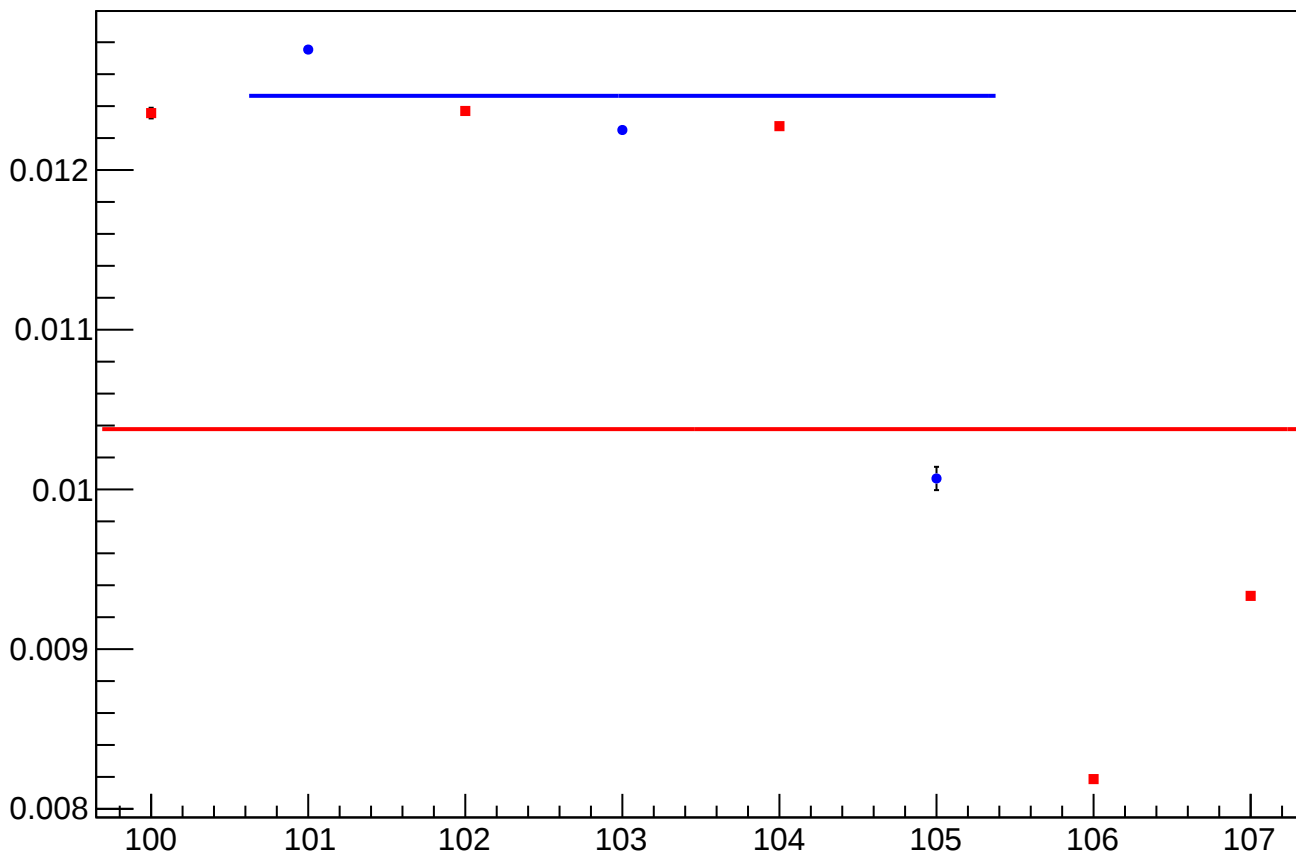
Right Out: 0.818+/-0.000 χ^2/NDF : 219235773.6/4

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

0.901+/-0.000 χ^2/NDF : 973813.6/2

0.818+/-0.000 χ^2/NDF : 219235773.6/4

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

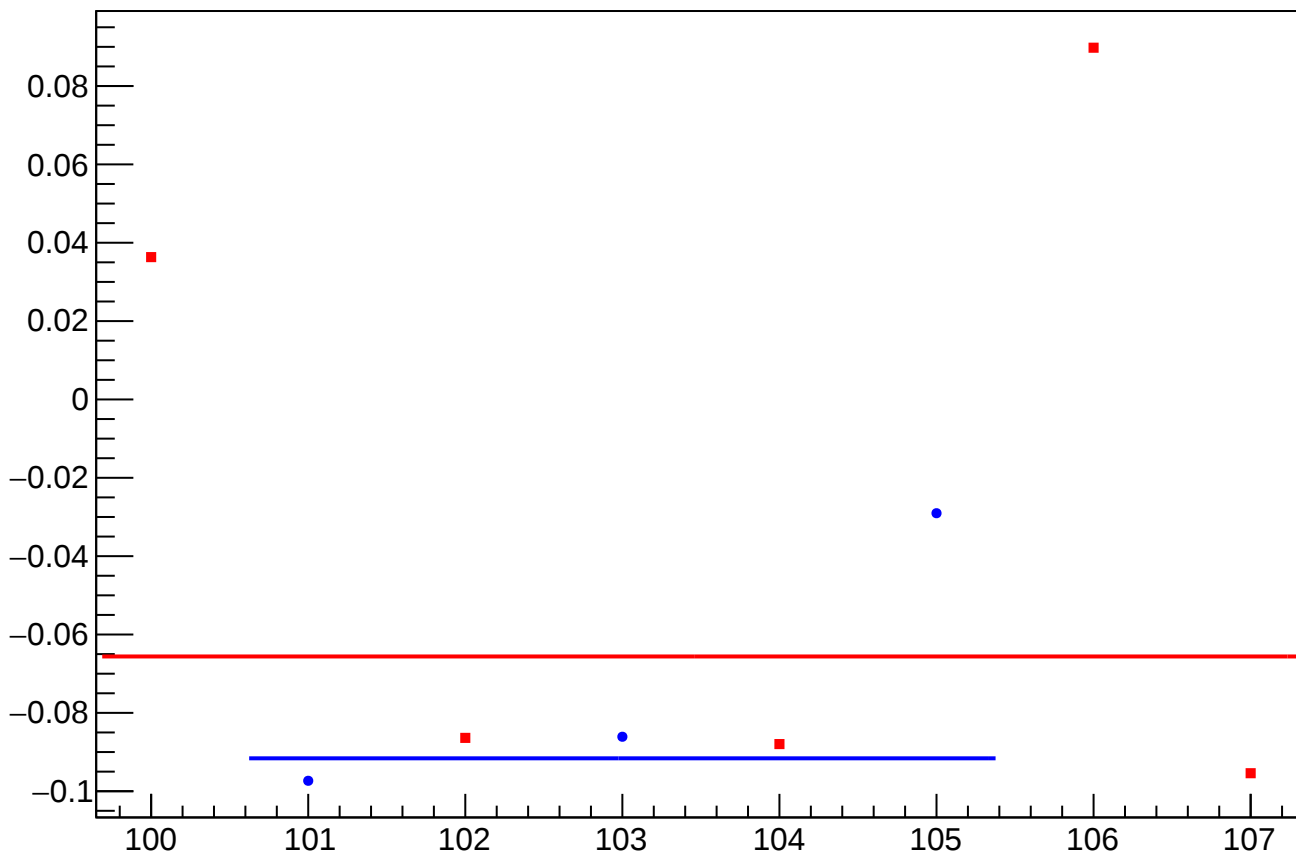
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 104507.9/4

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

0.012 $\pm$ 0.000 χ^2 /NDF: 2008.2/2

0.010 $\pm$ 0.000 χ^2 /NDF: 104507.9/4

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

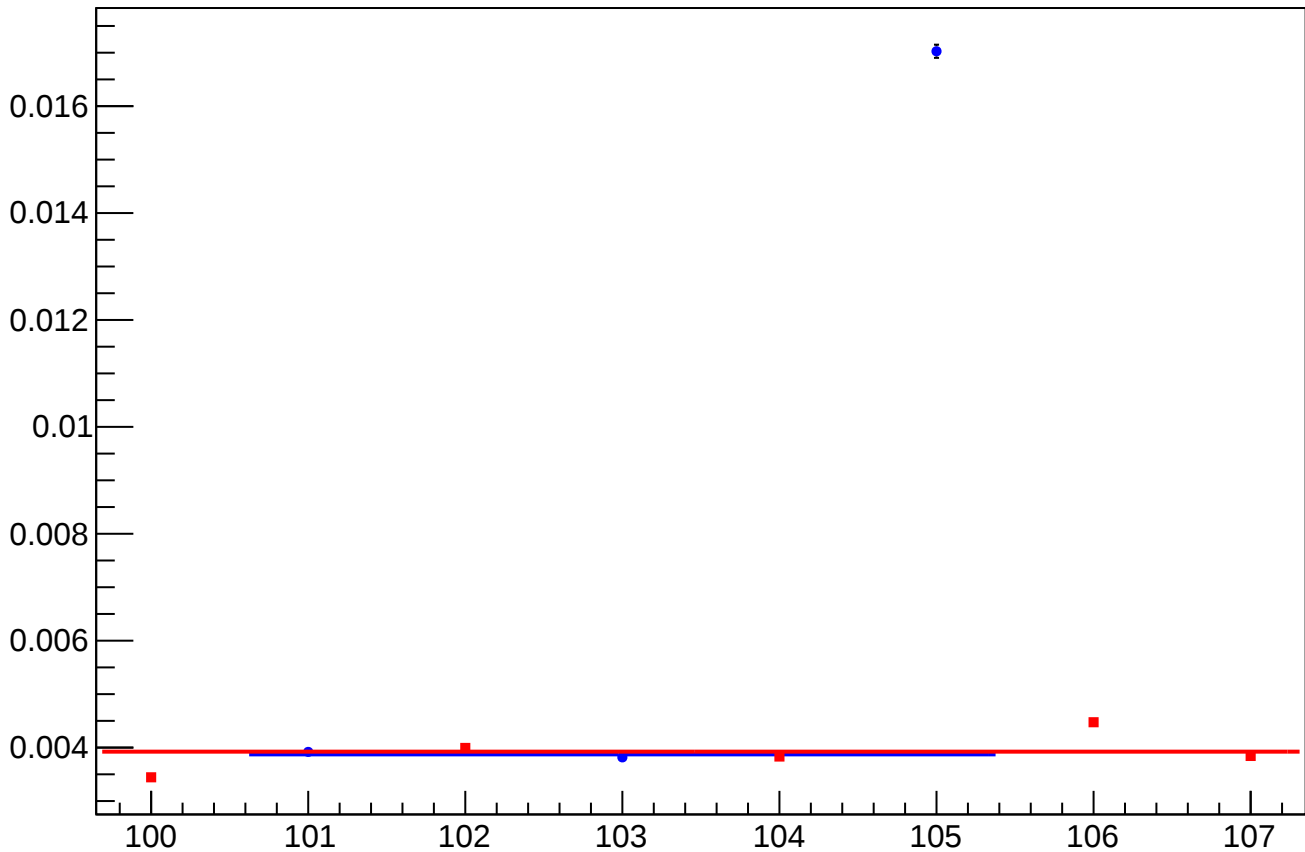
Right Out: -0.066+/-0.000 χ^2/NDF : 344059525.7/4

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

-0.092+/-0.000 χ^2/NDF : 2467607.0/2

-0.066+/-0.000 χ^2/NDF : 344059525.7/4

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

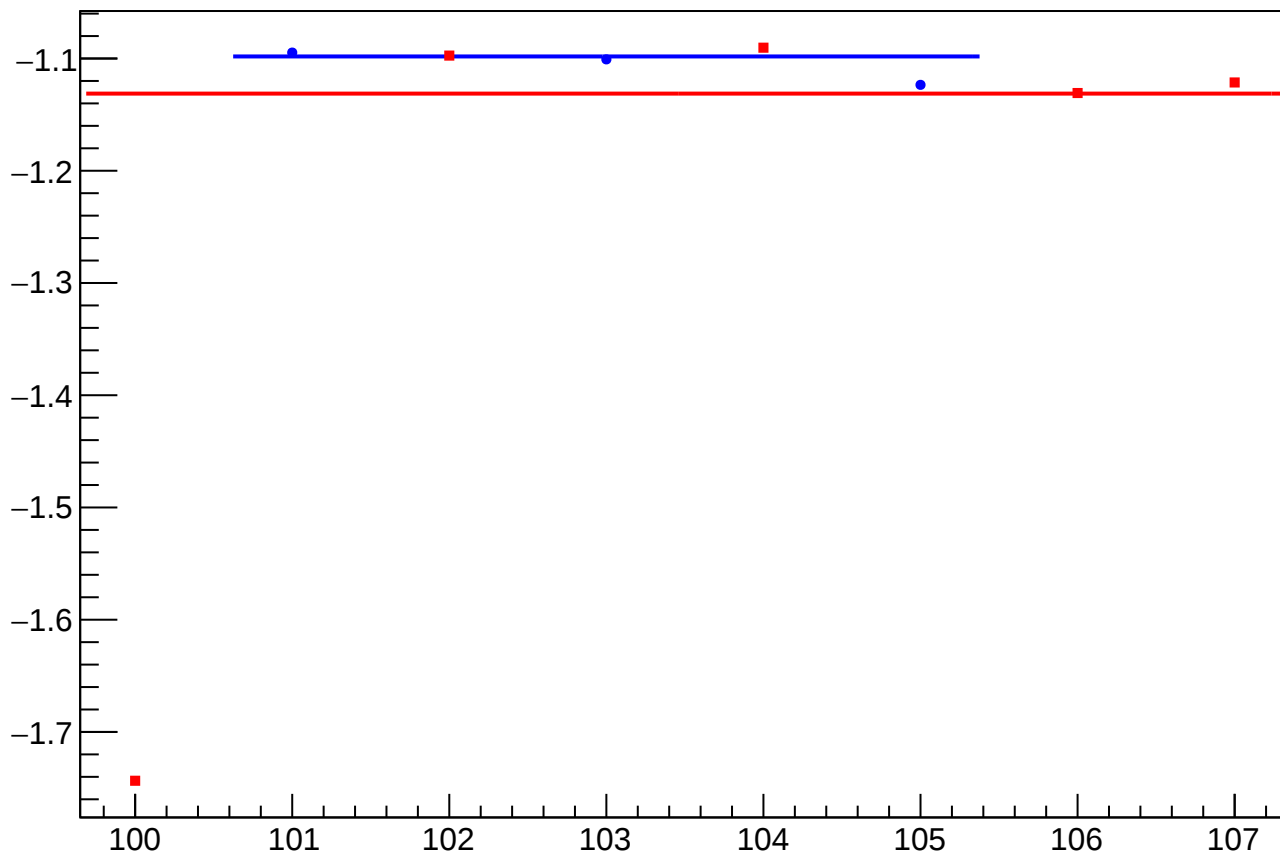
Right Out: 0.004+/-0.000 χ^2/NDF : 9668.7/4

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 : 9668.7/4

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

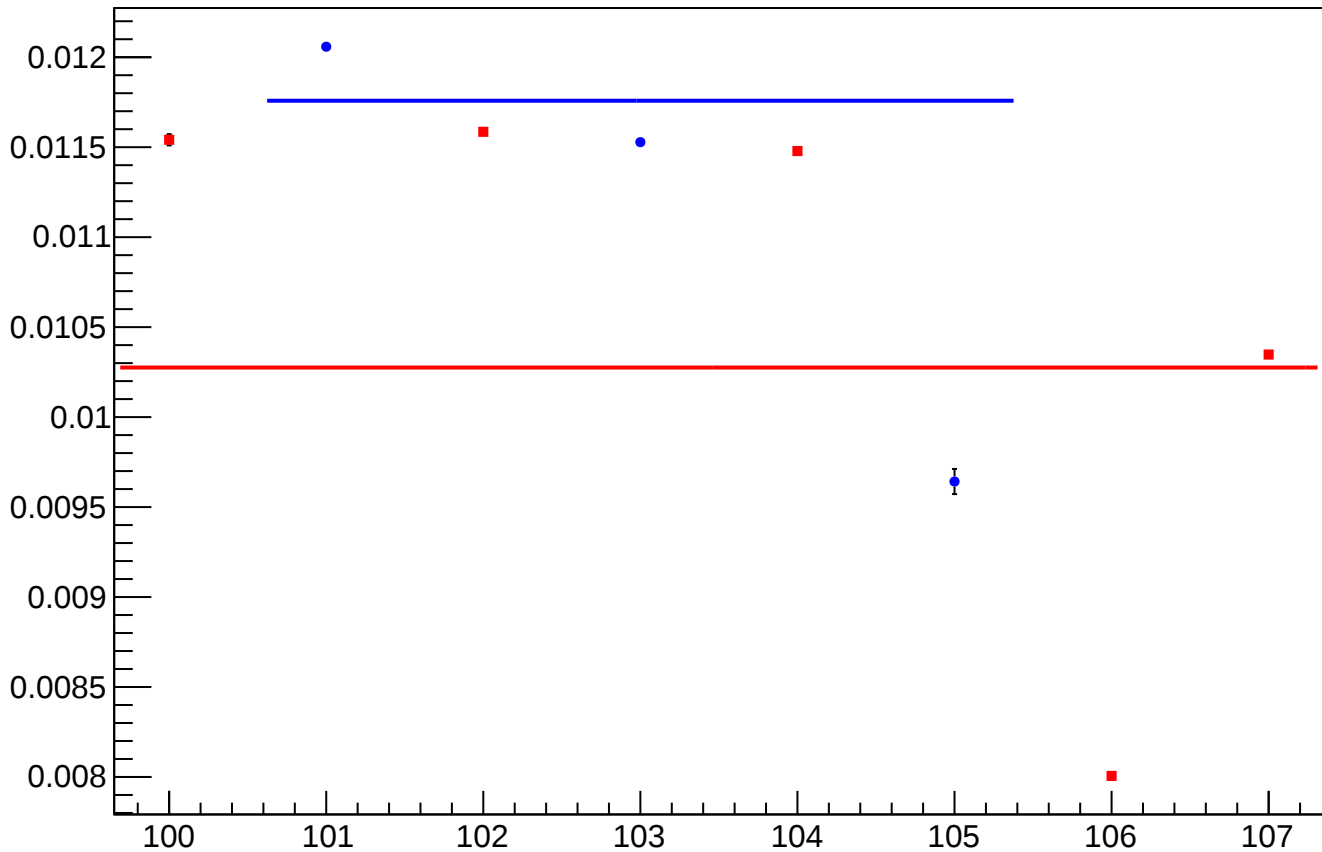
Right Out: -1.131+/-0.000 χ^2/NDF : 203738676.3/4

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

-1.098+/-0.000 χ^2/NDF : 140987.8/2

-1.131+/-0.000 χ^2/NDF : 203738676.3/4

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

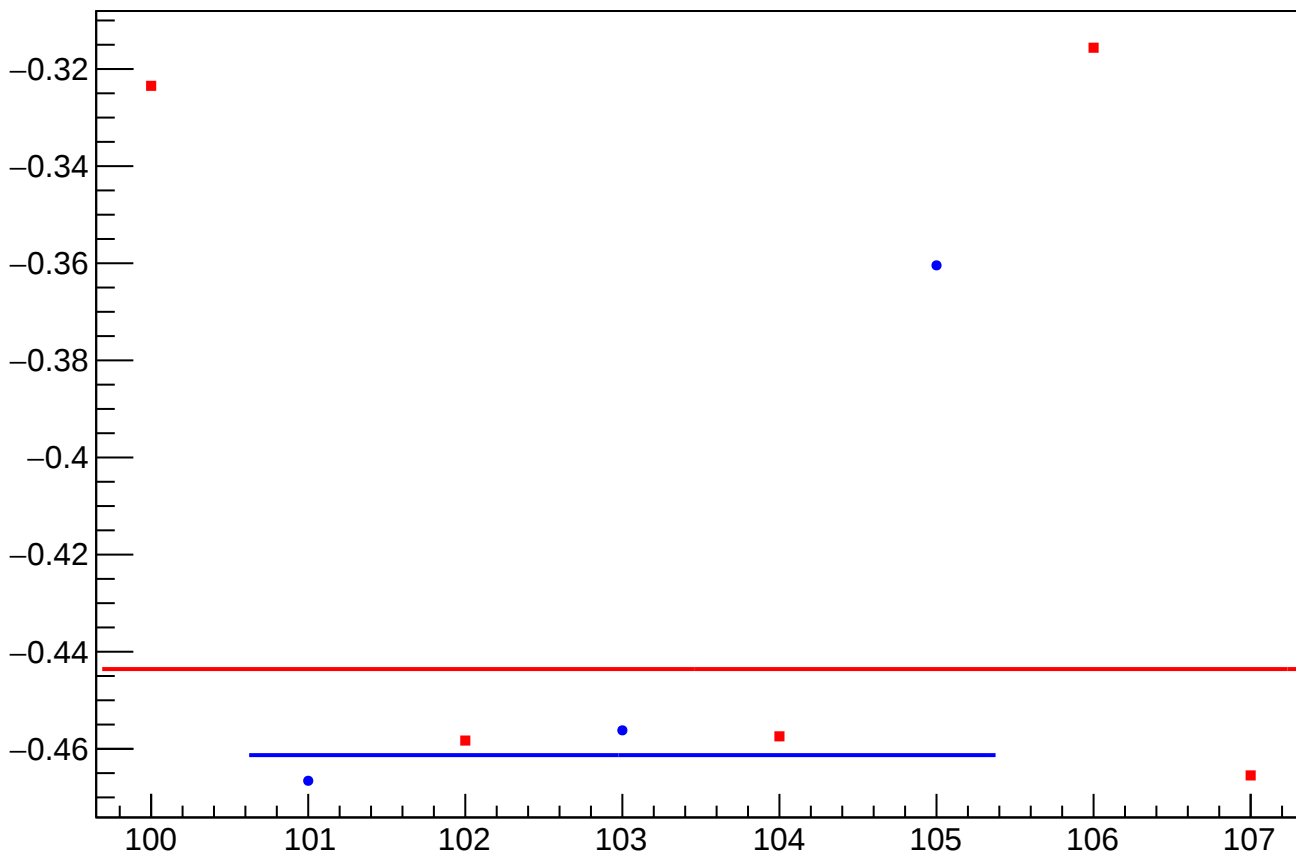
Right Out: 0.010 $\pm$ 0.000 χ^2 /NDF: 72840.1/4

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: 72840.1/4

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

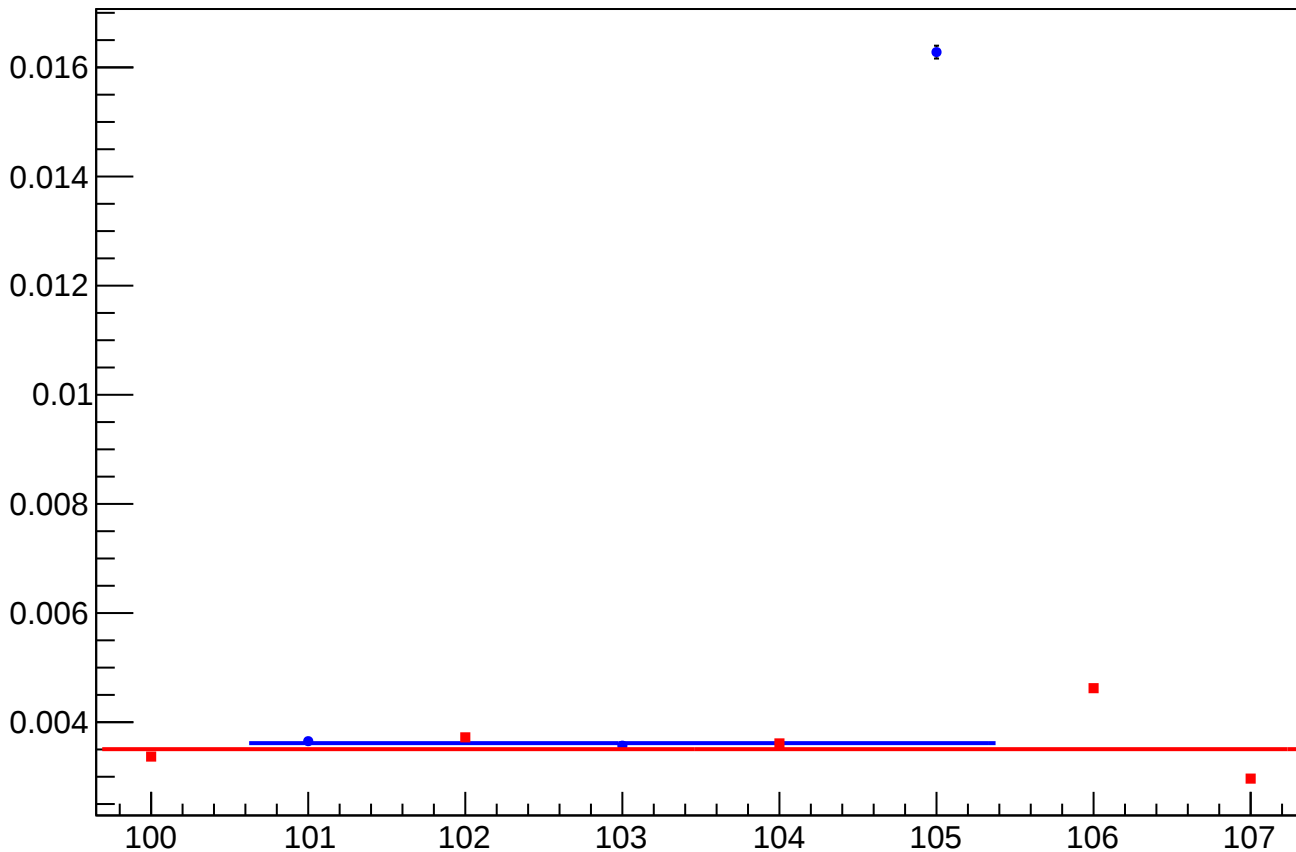
-0.461+/-0.000 χ^2/NDF : 2672186.2/2

Right Out: -0.444+/-0.000 χ^2/NDF : 275027910.7/4

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

-0.444+/-0.000 χ^2/NDF : 275027910.7/4

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

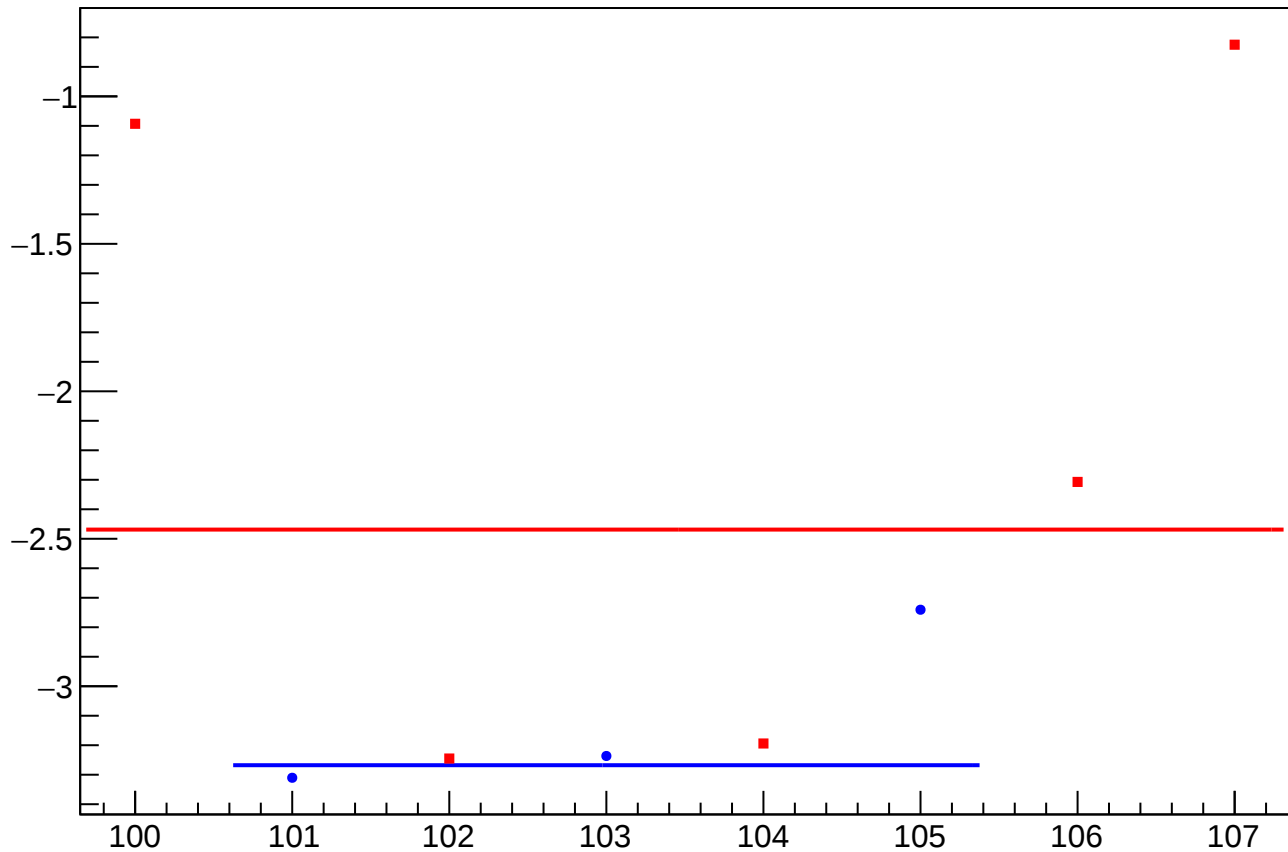
Right Out: 0.004+/-0.000 χ^2/NDF : 51236.9/4

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 : 51236.9/4

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

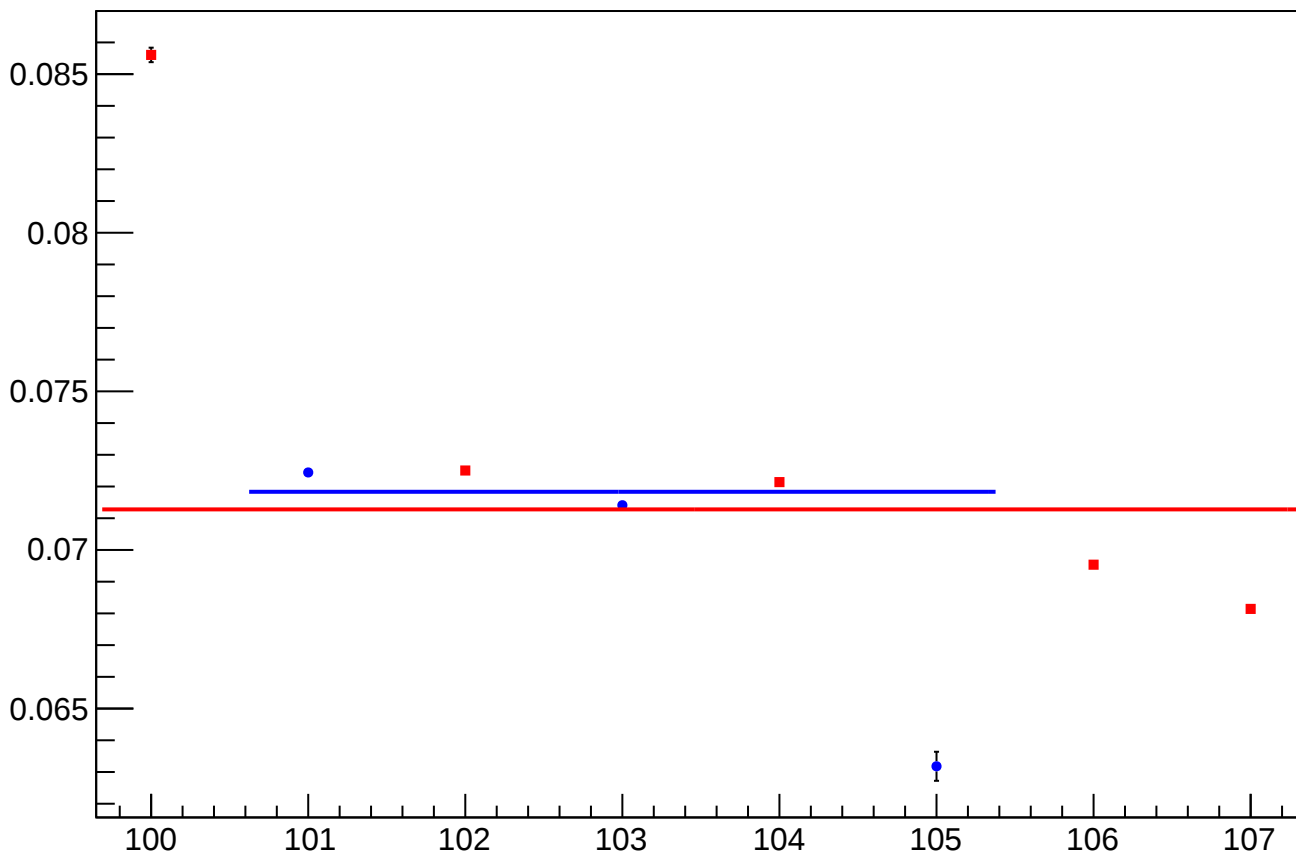
Right Out: -2.469+/-0.000 χ^2/NDF : 333757966.1/4

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

-3.268+/-0.000 χ^2/NDF : 972606.2/2

-2.469+/-0.000 χ^2/NDF : 333757966.1/4

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

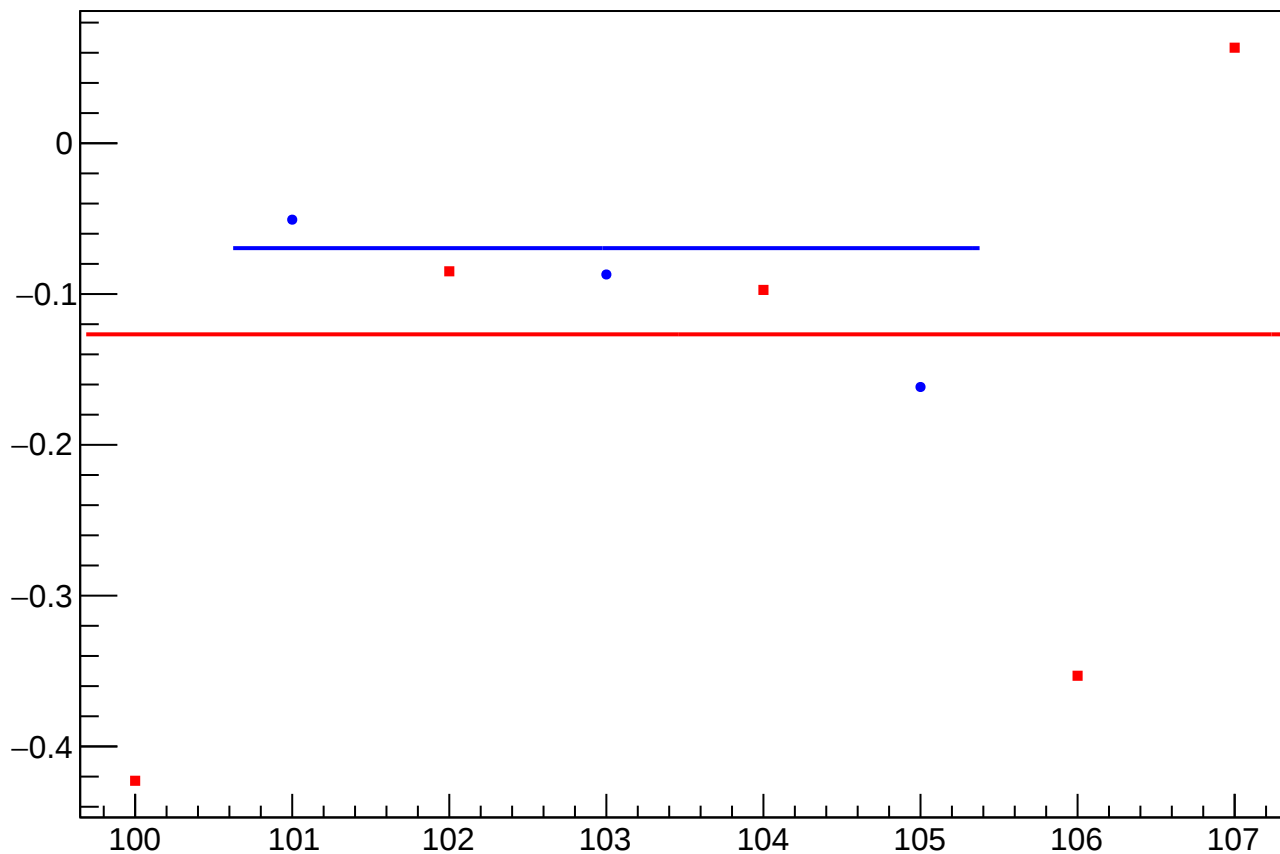
Right Out: 0.071+/-0.000 χ^2/NDF : 6234.9/4

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

0.072+/-0.000 χ^2/NDF : 479.4/2

0.071+/-0.000 χ^2/NDF : 6234.9/4

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

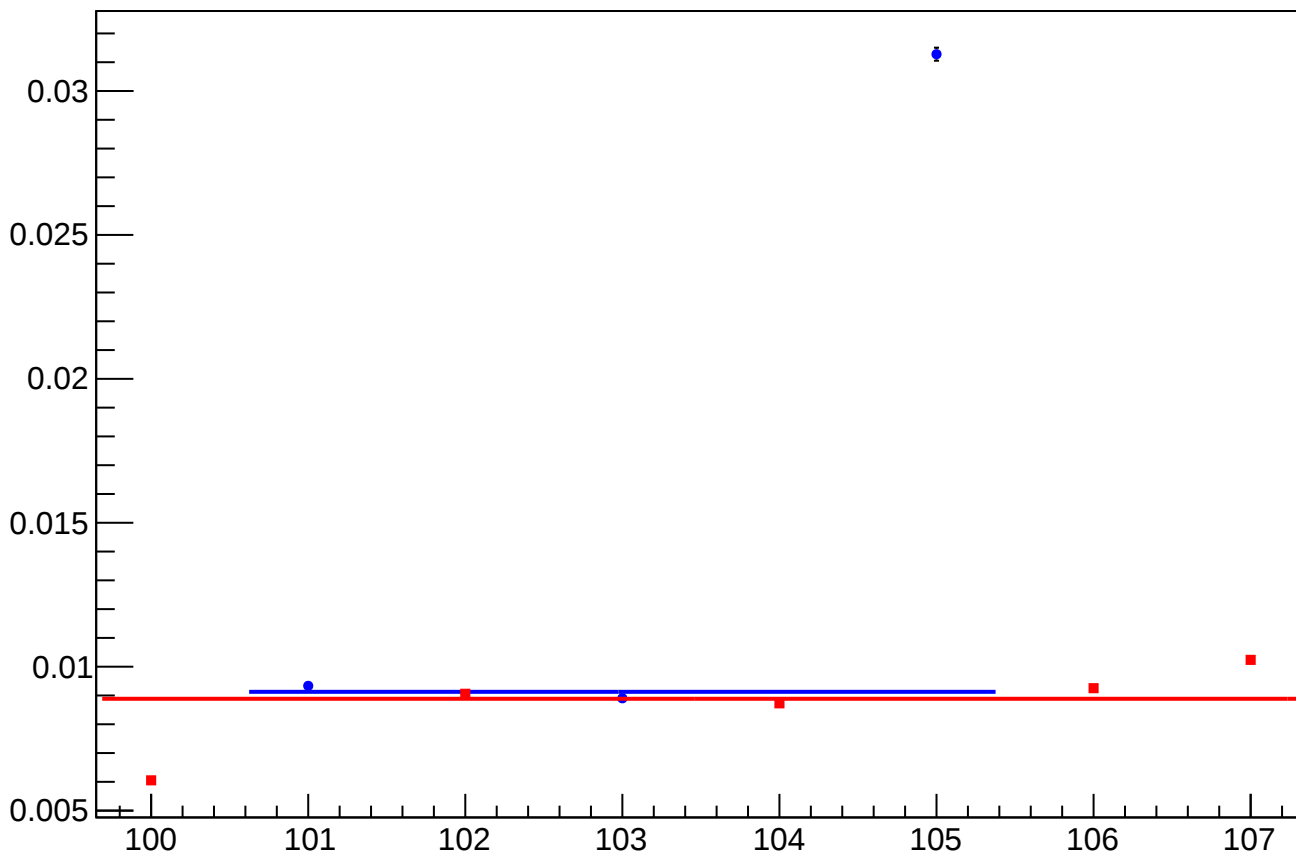
Right Out: -0.127+/-0.000 χ^2/NDF : 418629272.9/4

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

-0.070+/-0.000 χ^2/NDF : 4499896.0/2

-0.127+/-0.000 χ^2/NDF : 418629272.9/4

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

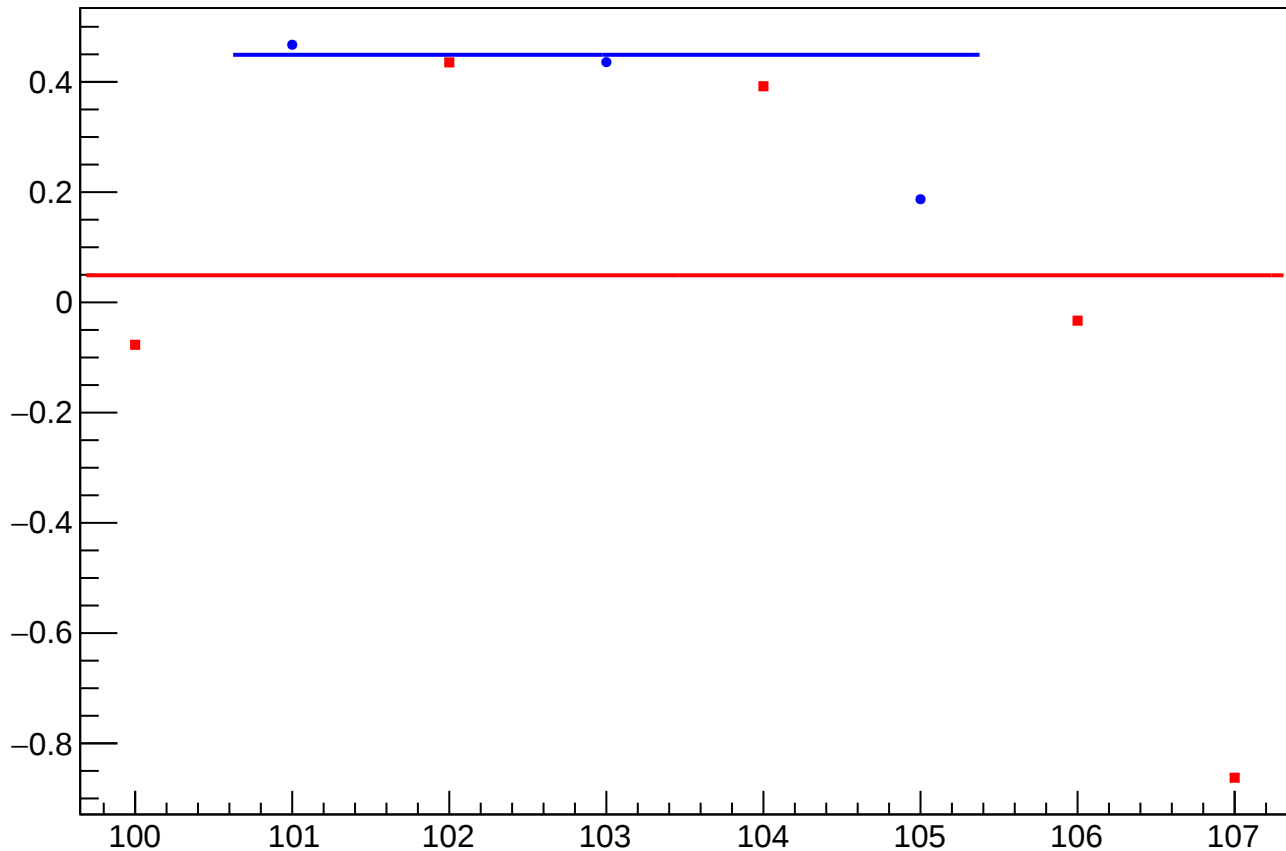
Right Out: 0.009+/-0.000 χ^2/NDF : 44128.6/4

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 : 44128.6/4

yield_bpm0r05X_mean vs slug



Right In: 0.449+/-0.000 χ^2/NDF : 143556.4/2

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

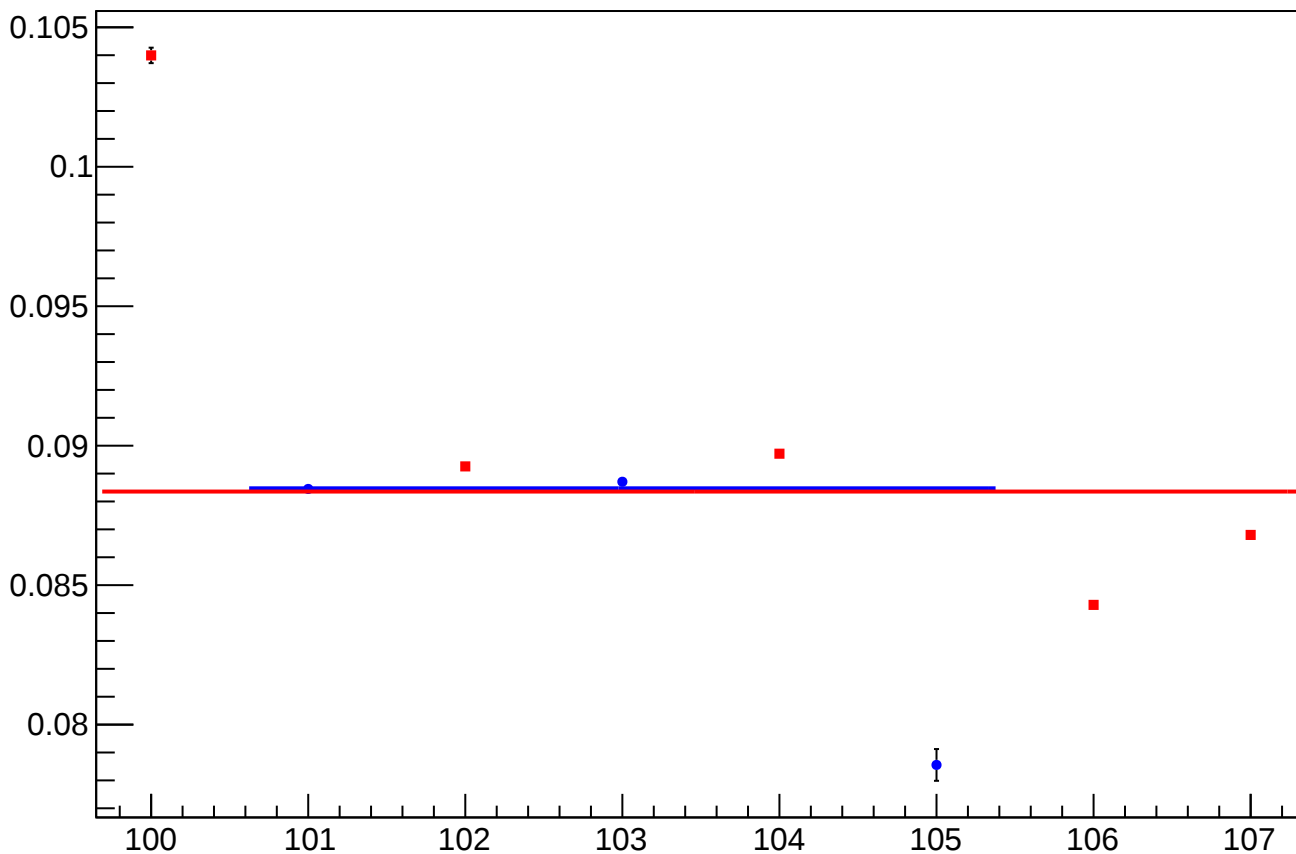
Right Out: 0.049+/-0.000 χ^2/NDF : 56658997.7/4

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

0.449+/-0.000 χ^2/NDF : 143556.4/2

0.049+/-0.000 χ^2/NDF : 56658997.7/4

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

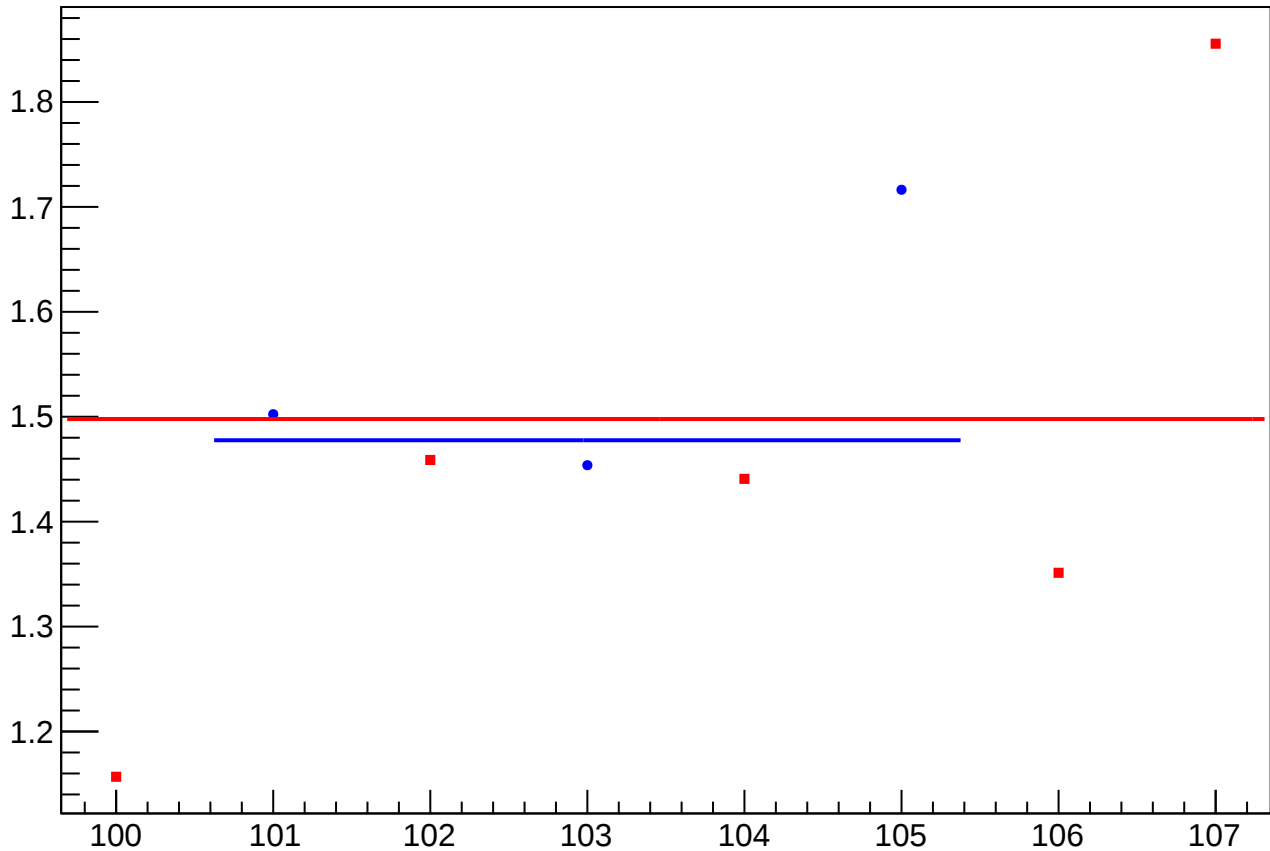
Right Out: 0.088+/-0.000 χ^2/NDF : 5138.7/4

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

0.088+/-0.000 χ^2/NDF : 311.7/2

0.088+/-0.000 χ^2/NDF : 5138.7/4

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

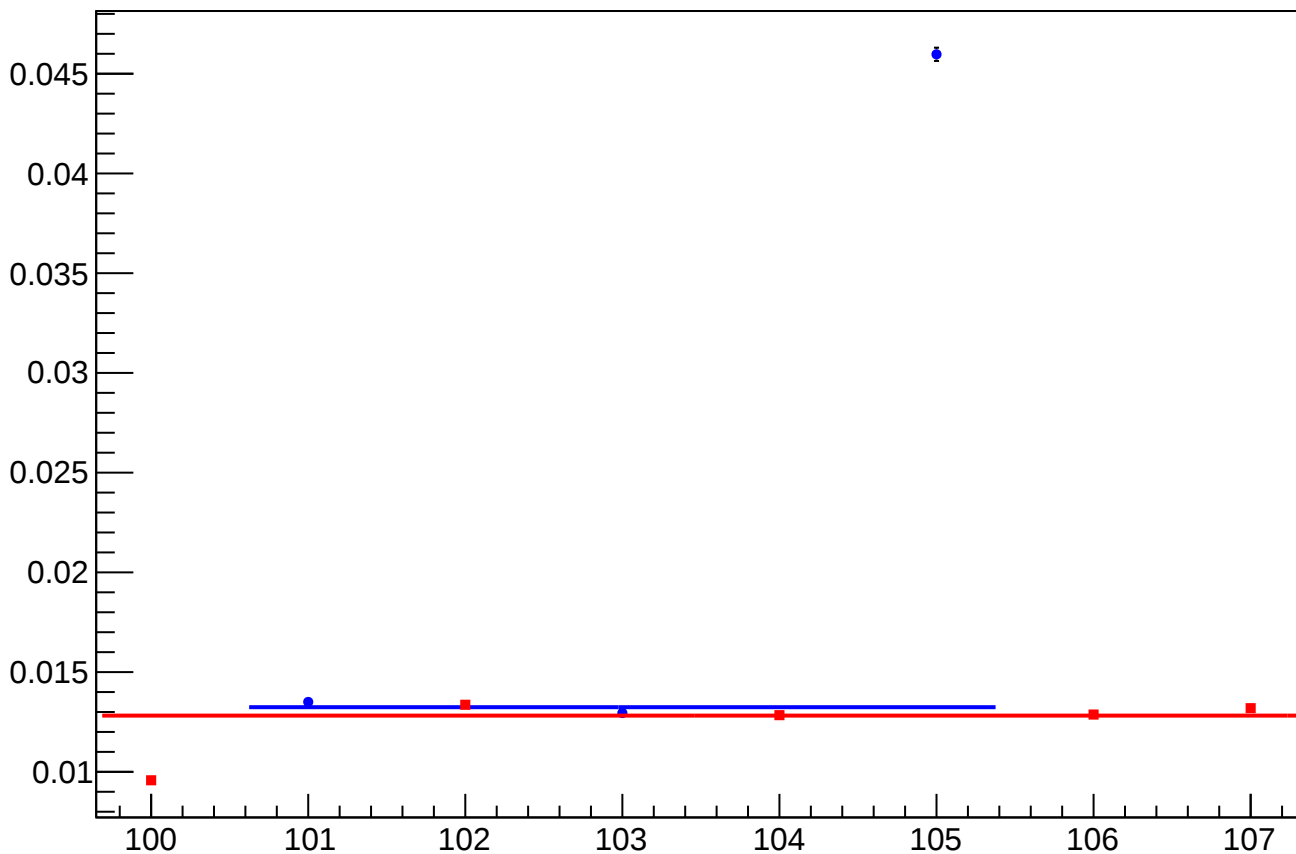
1.478+/-0.000 χ^2/NDF : 4041518.6/2

Right Out: 1.498+/-0.000 χ^2/NDF : 381452367.8/4

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

1.498+/-0.000 χ^2/NDF : 381452367.8/4

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

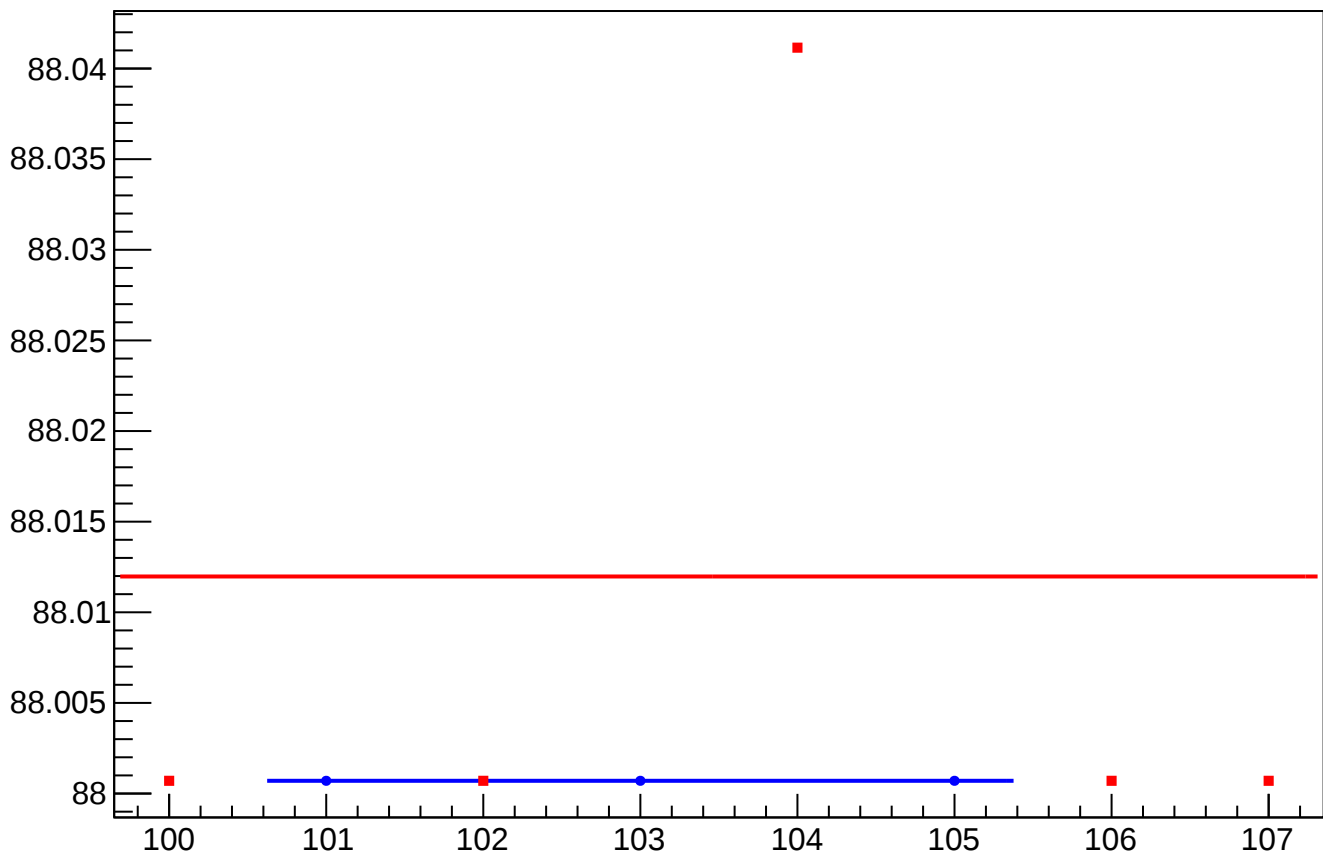
Right Out: 0.013+/-0.000 χ^2/NDF : 18443.6/4

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 : 18443.6/4

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

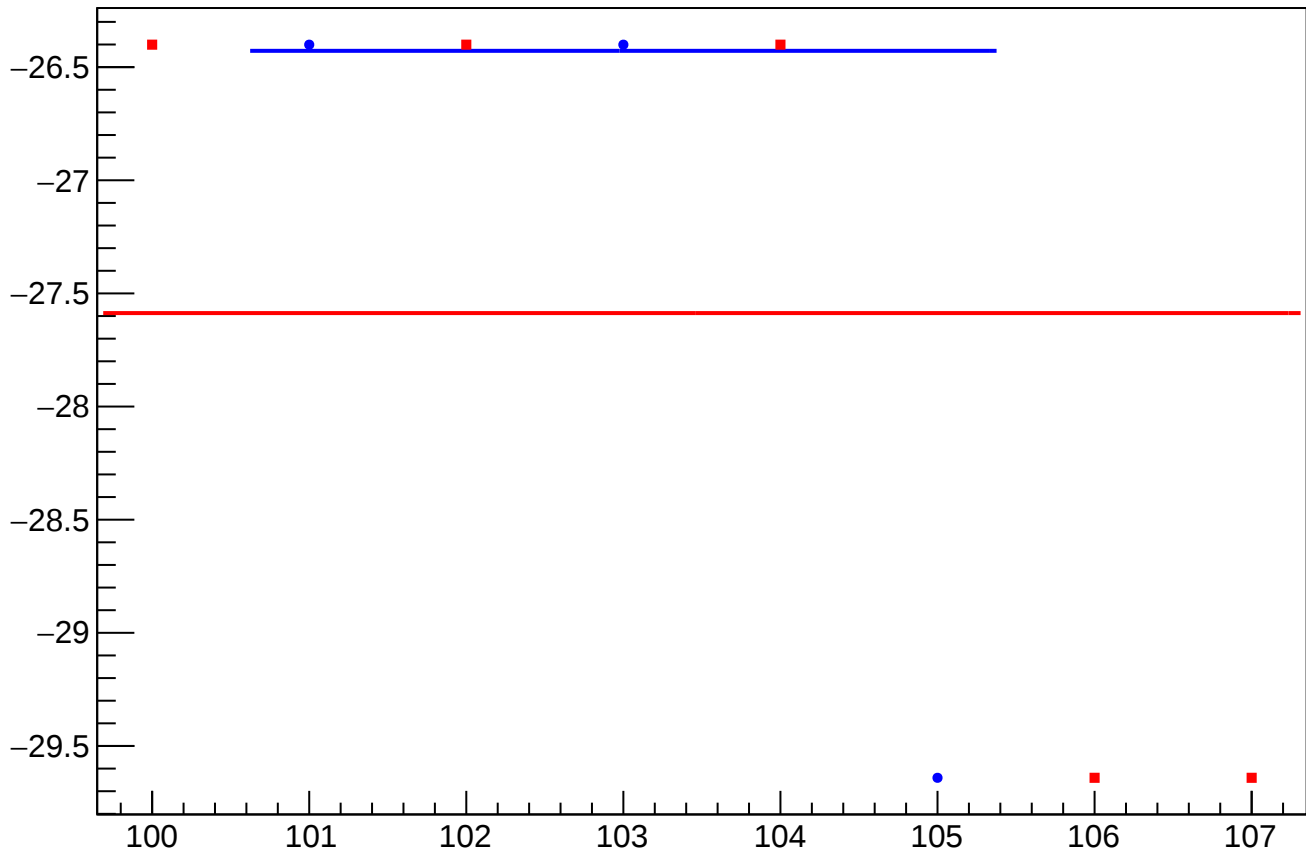
88.001+/-0.000 χ^2/NDF : 3231.2/2

Right Out: 88.012+/-0.000 χ^2/NDF : 60186116251712700433439916032.0/4

88.012+/-0.000 χ^2/NDF : 601861162517127004

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

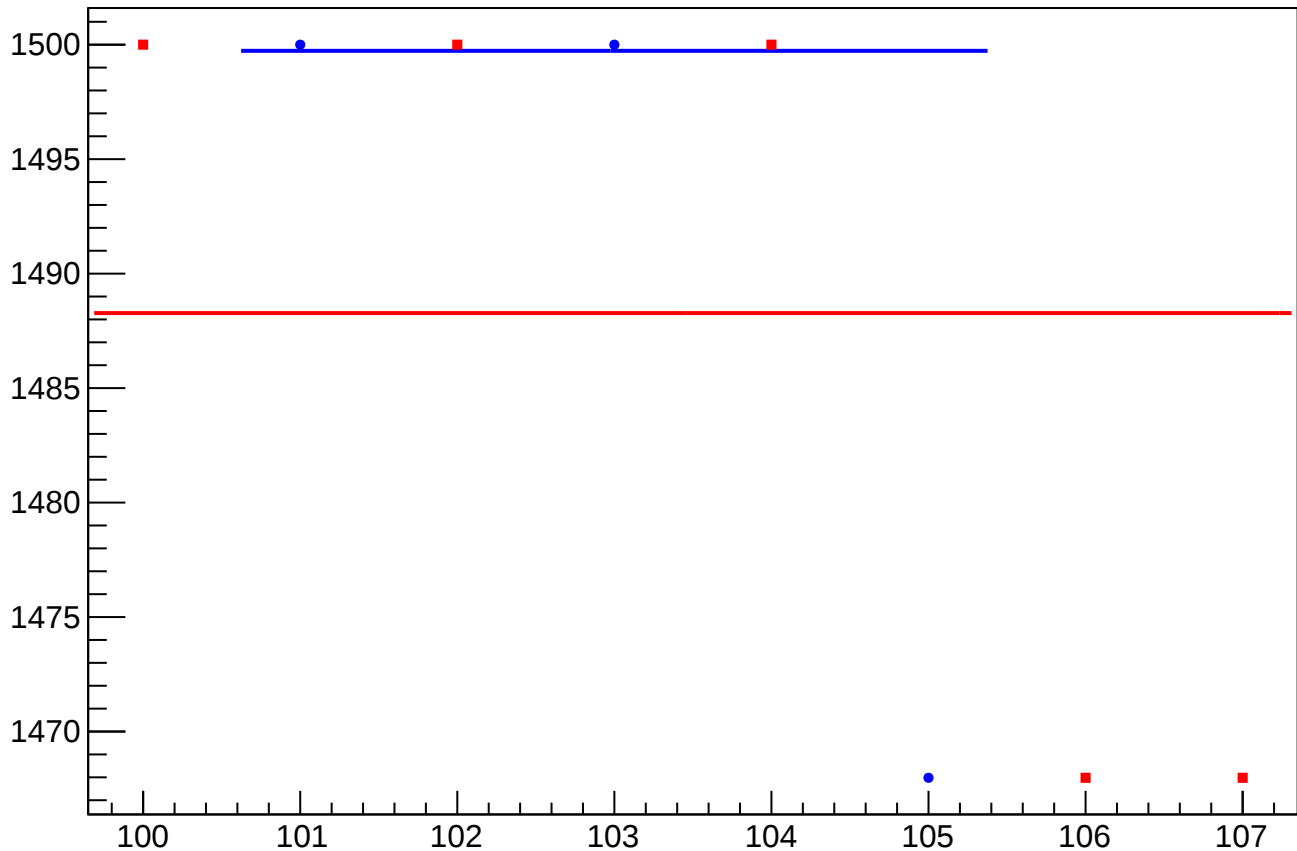
-26.428+/-0.000 χ^2/NDF : 10409384873949797

Right Out: -27.587+/-0.000 χ^2/NDF : 445832498360663089361785228099584.0/4

-27.587+/-0.000 χ^2/NDF : 44583249836066308

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

epics_psub_pl_poss_mean vs slug



Right In: 1499.732 $\pm$ 0.000 χ^2 /NDF: 1016753899755019356873755574927360.0/2

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

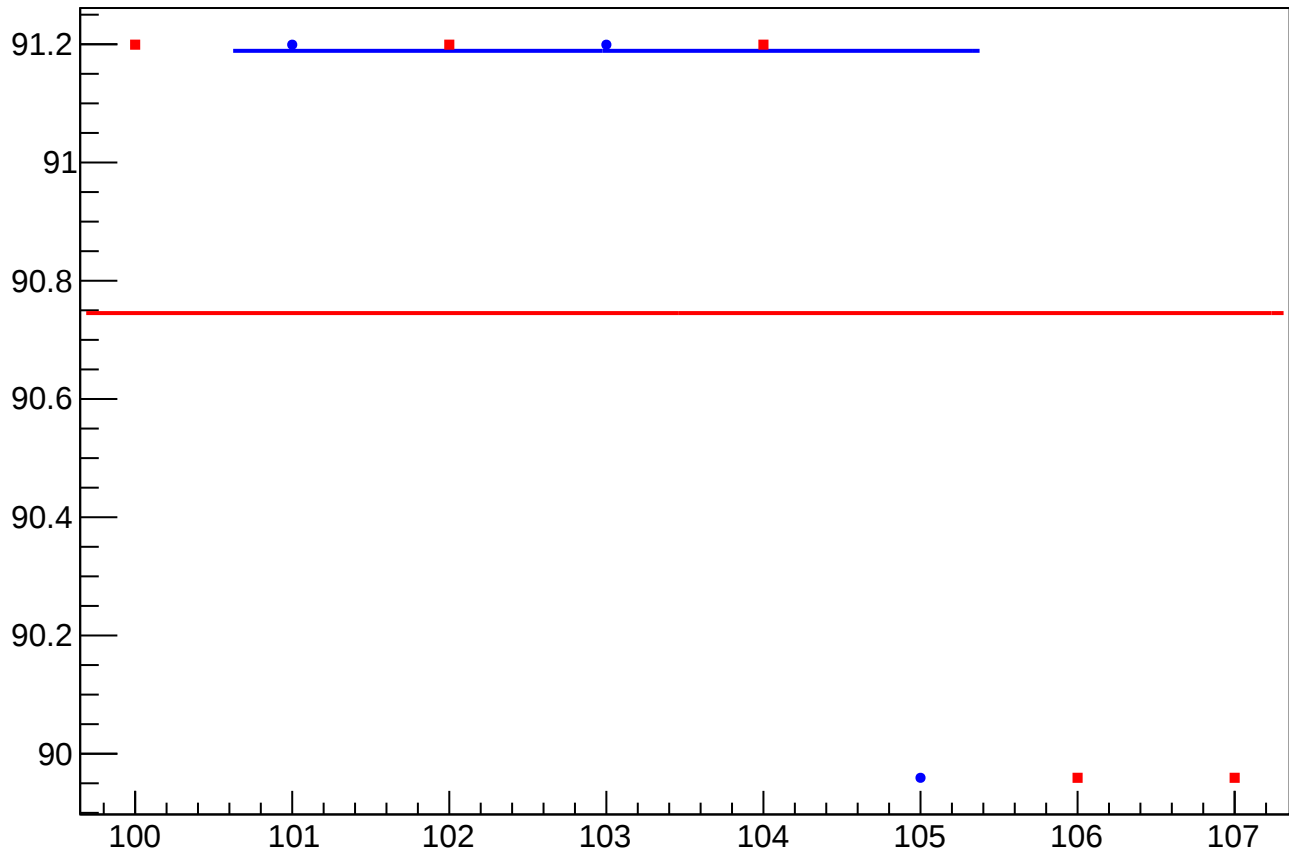
Right Out: 1488.277 $\pm$ 0.000 χ^2 /NDF: 43547427329746348213173306152452096.0/4

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

1499.732 $\pm$ 0.000 χ^2 /NDF: 1016753899755019

1488.277 $\pm$ 0.000 χ^2 /NDF: 4354742732974634

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

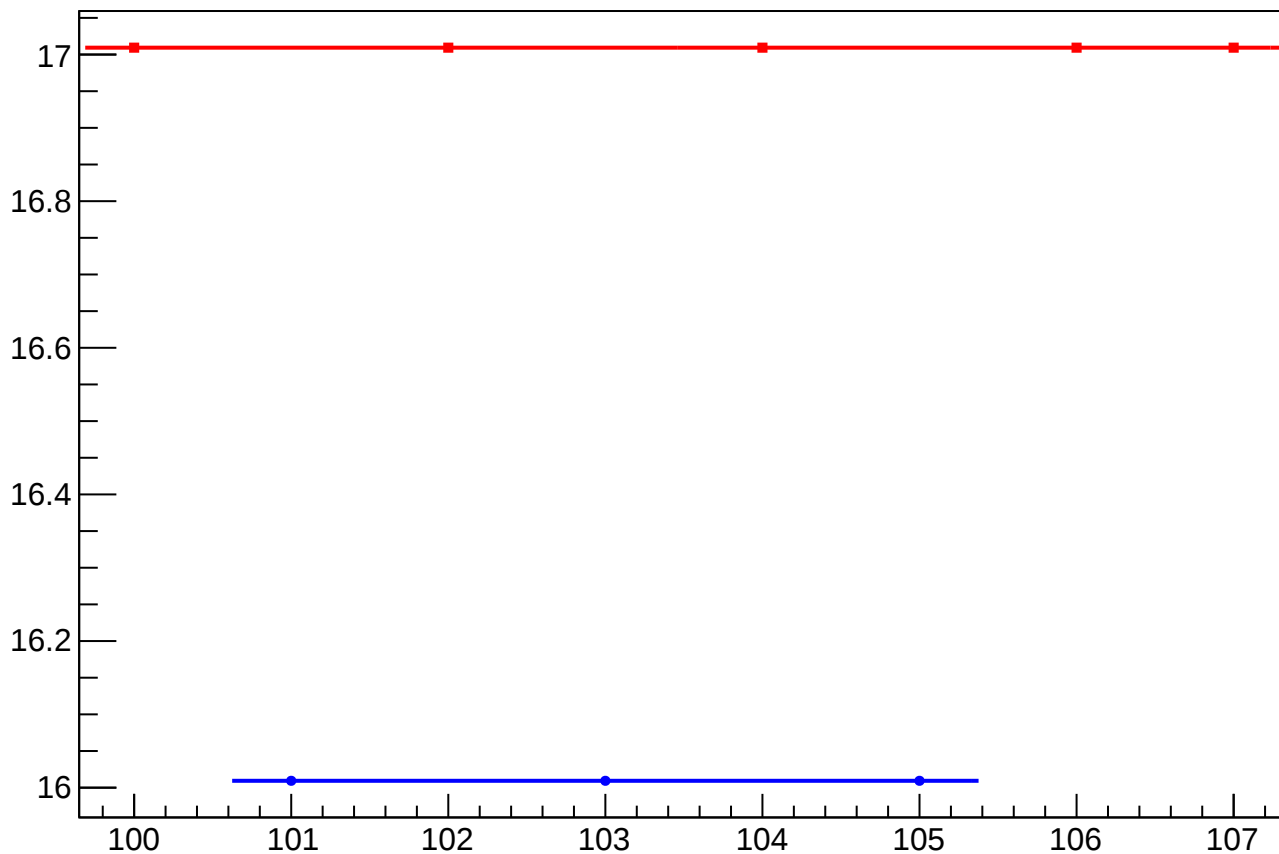
Right Out: 90.745+/-0.000 χ^2/NDF : 65301787978147911427302151421952.0/4

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

91.189+/-0.000 χ^2/NDF : 1524678991596800458586736033792.0/2

90.745+/-0.000 χ^2/NDF : 65301787978147911427302151421952.0/4

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

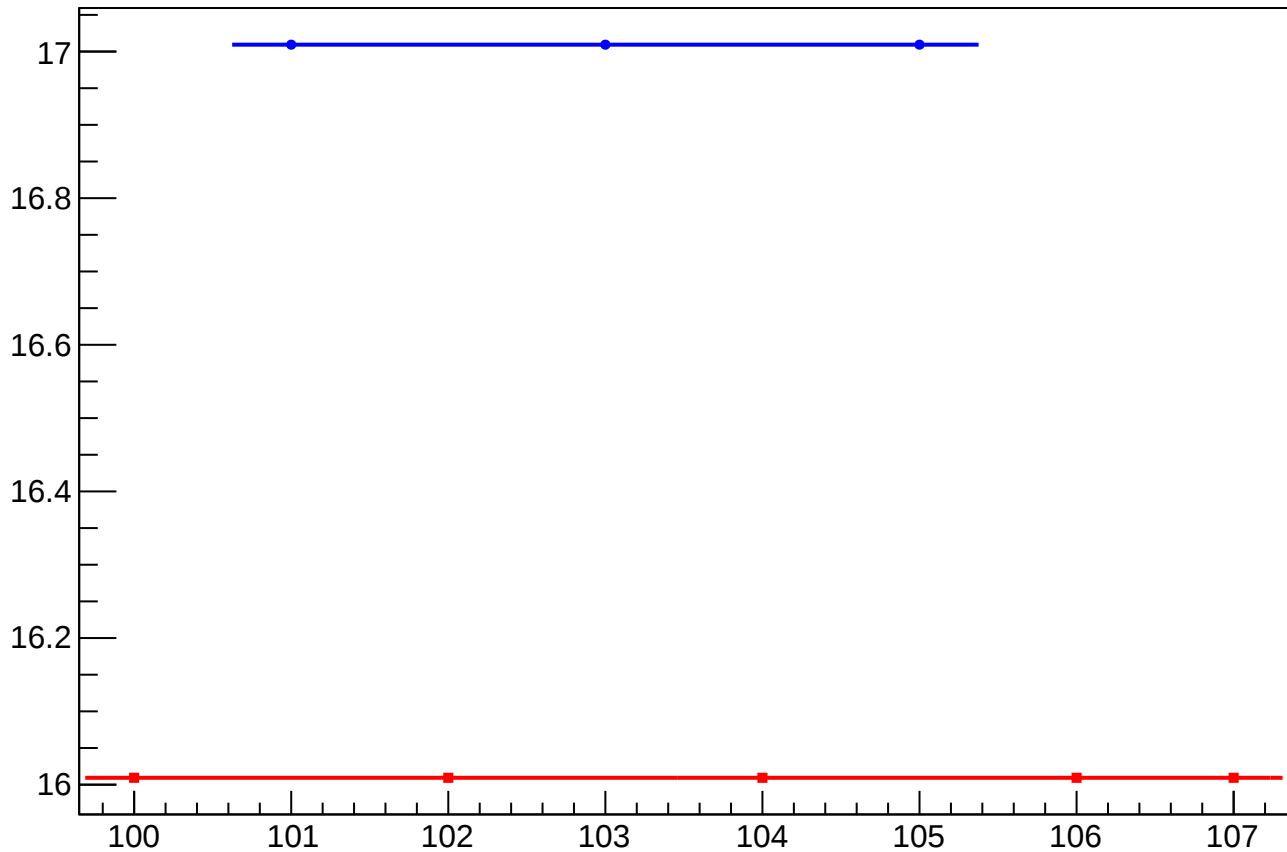
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 17455.9/4

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: 17455.9/4

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

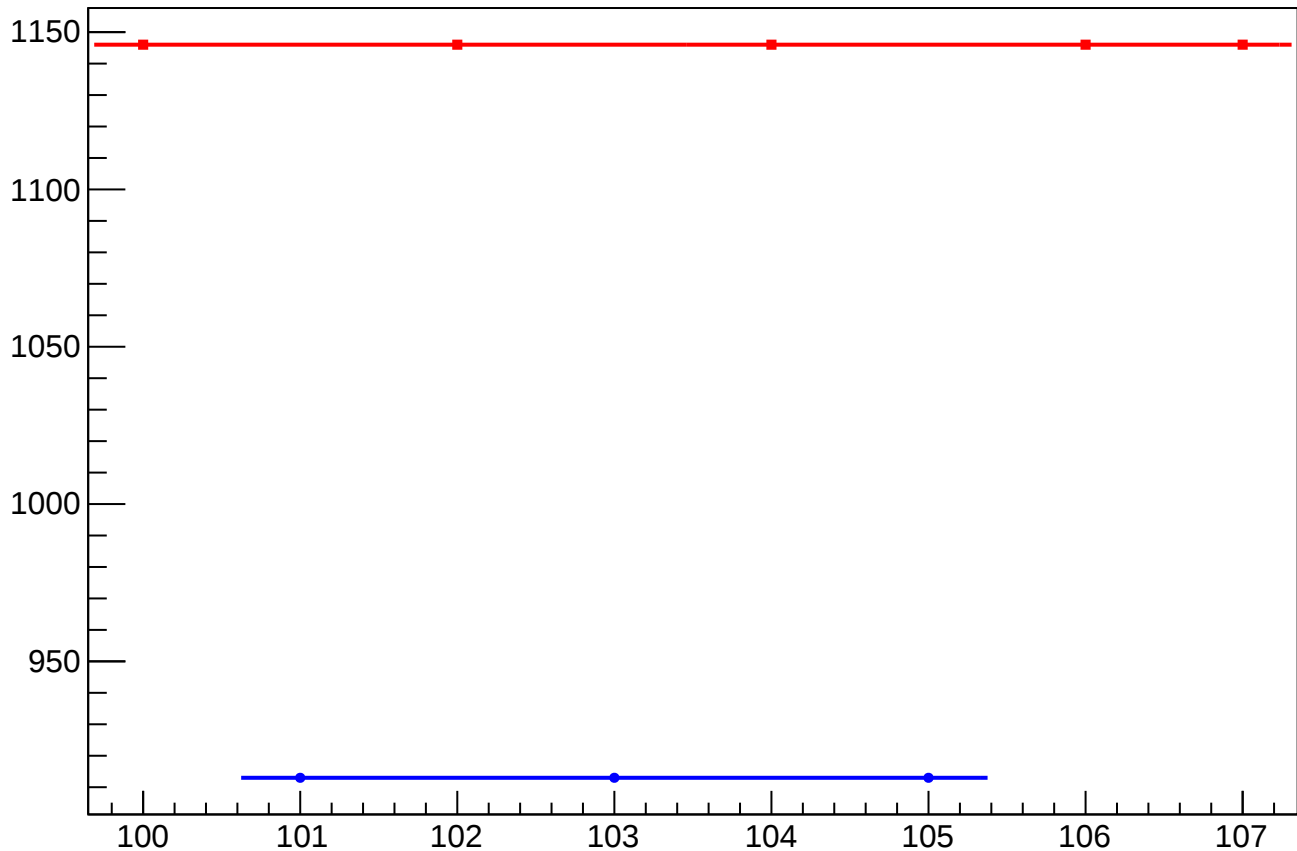
Right Out: 16.009 $\pm$ 0.000 χ^2/NDF : 6475.0/4

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 : 6475.0/4

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

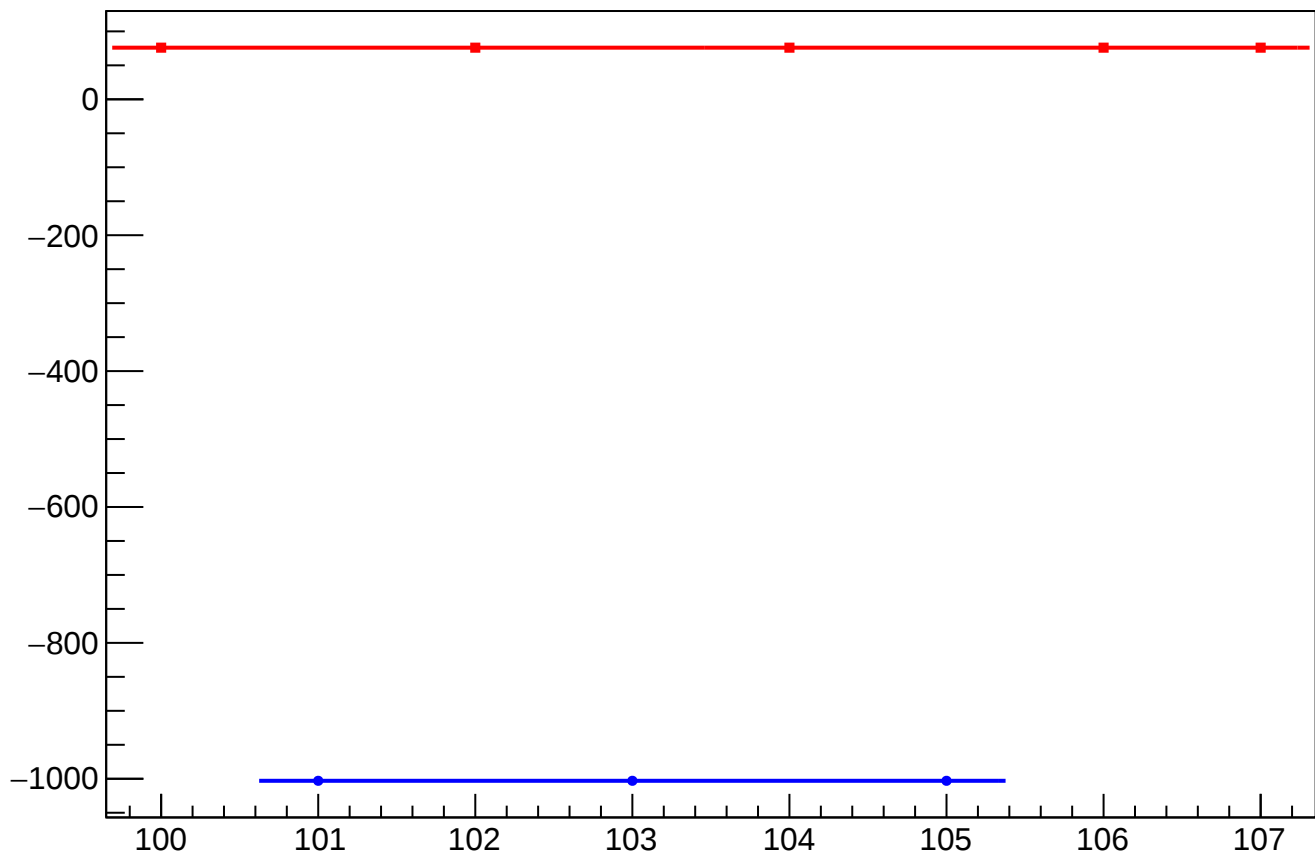
Right Out: 1146.010 $\pm$ 0.000 χ^2 /NDF: 637545815858127892444610560.0/4

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

912.994 $\pm$ 0.000 χ^2 /NDF: 1087284223487289945218875392.0/2

1146.010 $\pm$ 0.000 χ^2 /NDF: 637545815858127892444610560.0/4

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 : 1749523746948962574139392.0/4

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 : 17495237469489625