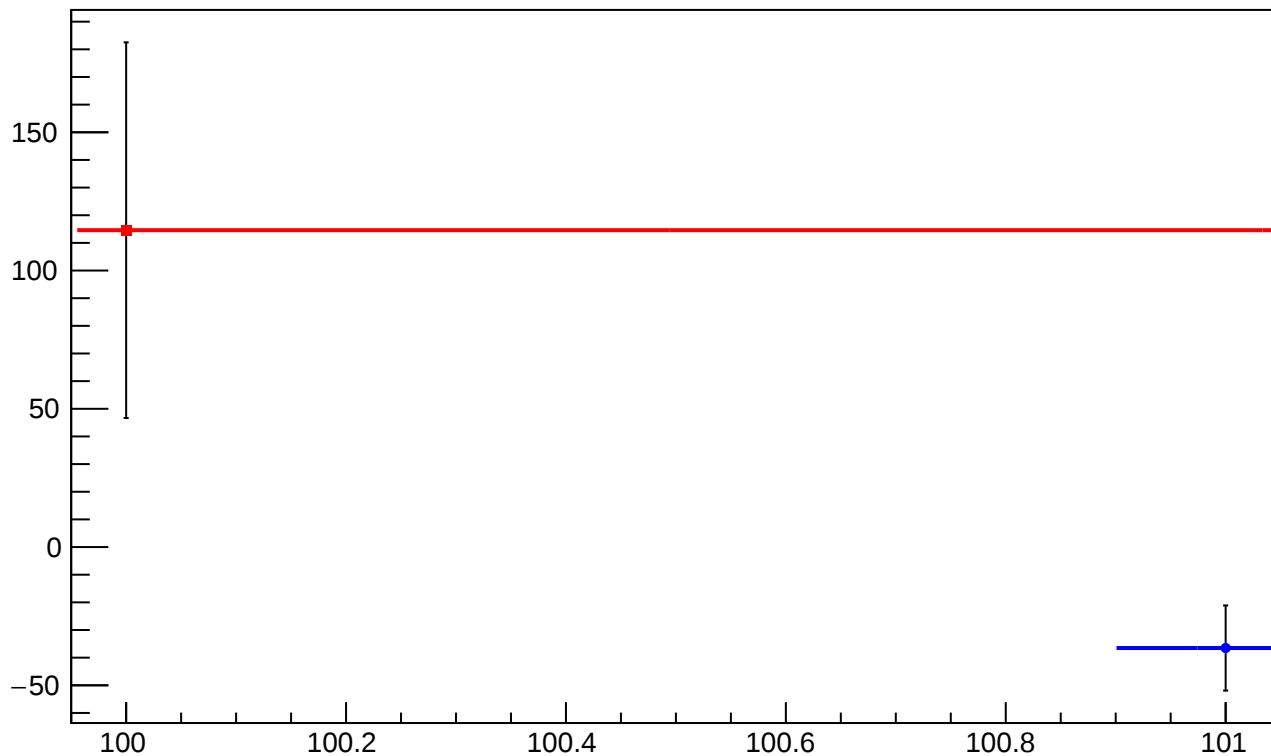


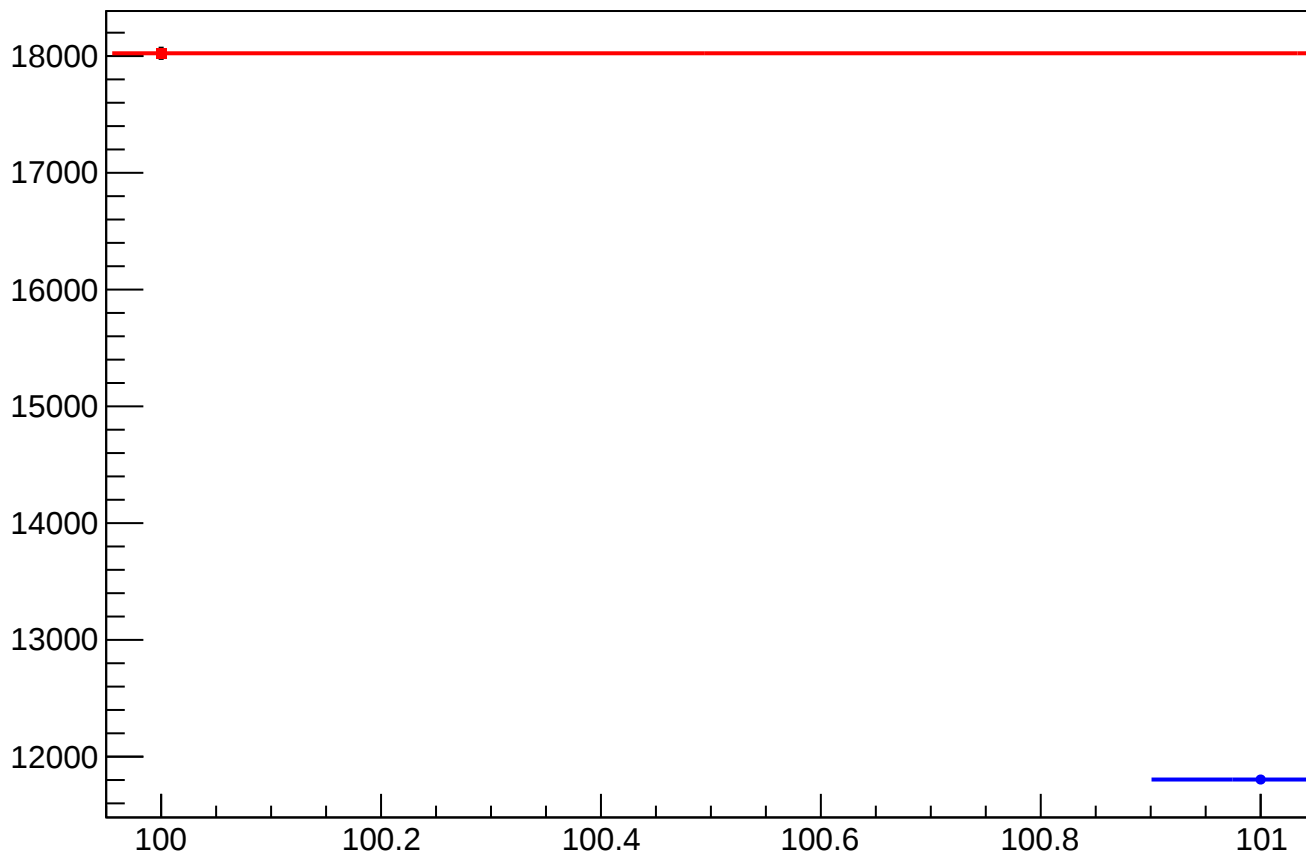
diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -36.514±/-15.402 χ^2 /NDF: 0.0/0
Left Out: 0.000±/-0.000 χ^2 /NDF: 0.0/0
Right Out: 114.600±/-67.931 χ^2 /NDF: 0.0/0
Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

-36.514±/-15.402 χ^2 /NDF: 0.0/0
-29.126±/-15.021 χ^2 /NDF: 4.7/1
114.600±/-67.931 χ^2 /NDF: 0.0/0

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 11804.204 $\pm$ 10.891 χ^2 /NDF: 0.0/0

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

Right Out: 18023.650 $\pm$ 48.035 χ^2 /NDF: 0.0/0

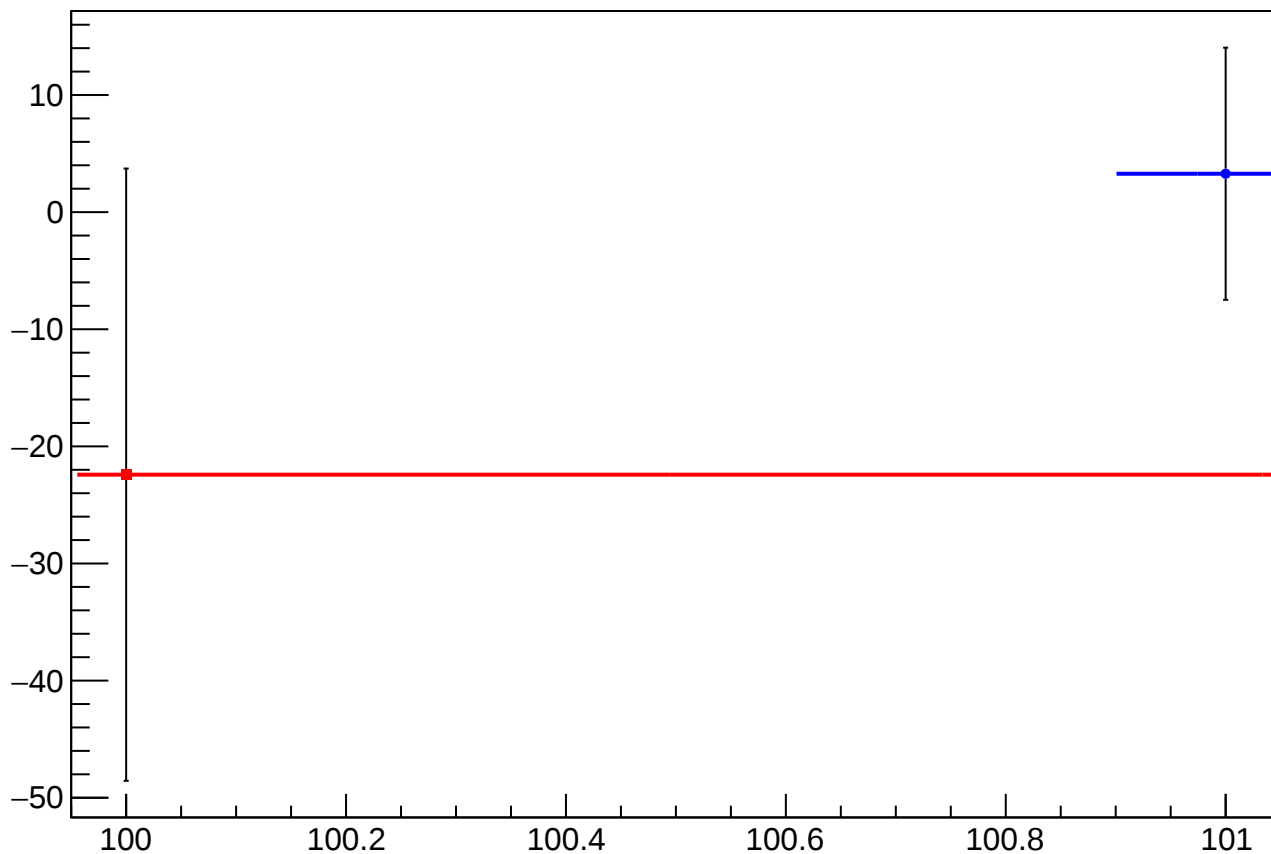
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

11804.204 $\pm$ 10.891 χ^2 /NDF: 0.0/0

12108.283 $\pm$ 10.621 χ^2 /NDF: 15944.9/1

18023.650 $\pm$ 48.035 χ^2 /NDF: 0.0/0

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: 3.277+/-10.765 χ^2 /NDF: 0.0/0

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

Right Out: -22.416+/-26.137 χ^2 /NDF: 0.0/0

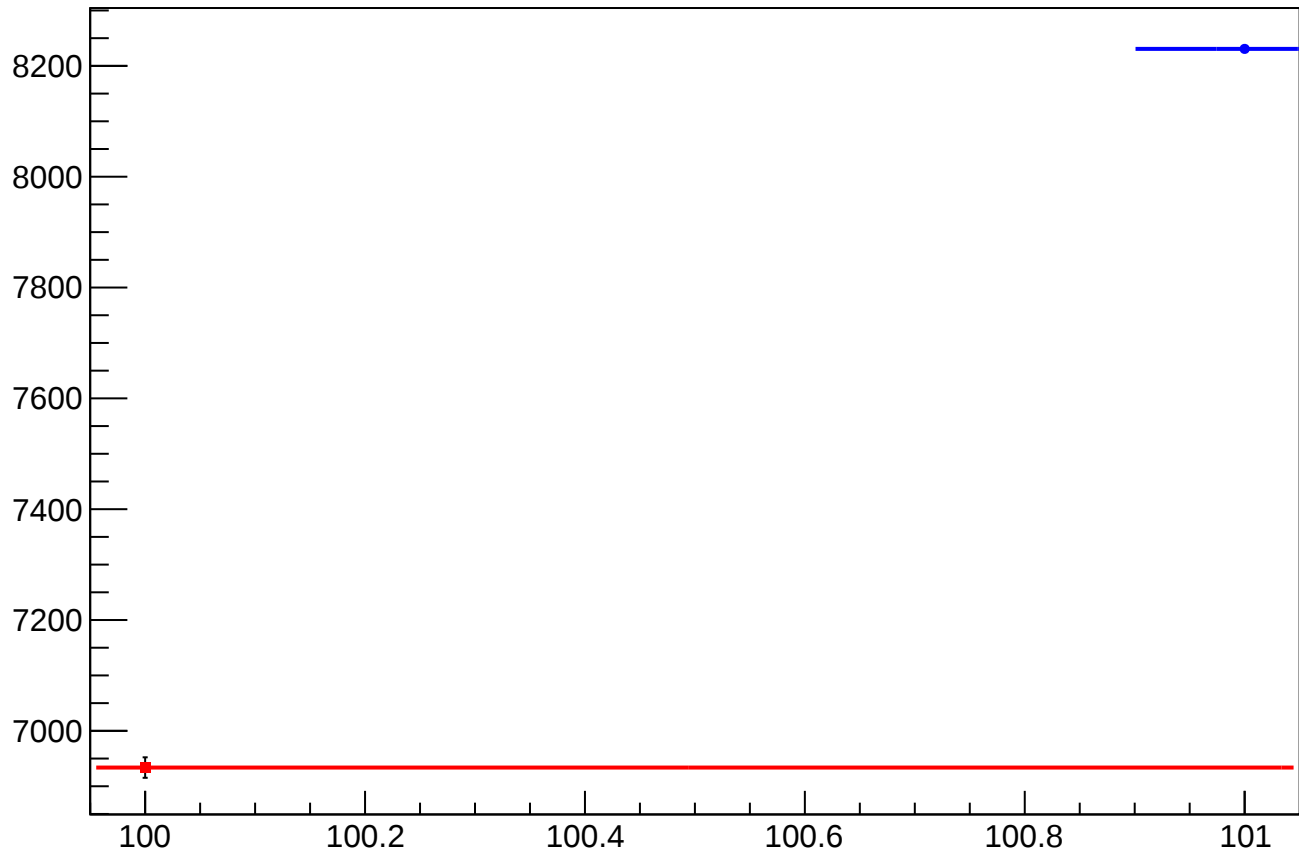
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

3.277+/-10.765 χ^2 /NDF: 0.0/0

-0.449+/-9.953 χ^2 /NDF: 0.8/1

-22.416+/-26.137 χ^2 /NDF: 0.0/0

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 8230.669 $\pm$ 7.612 χ^2 /NDF: 0.0/0

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

Right Out: 6933.744 $\pm$ 18.482 χ^2 /NDF: 0.0/0

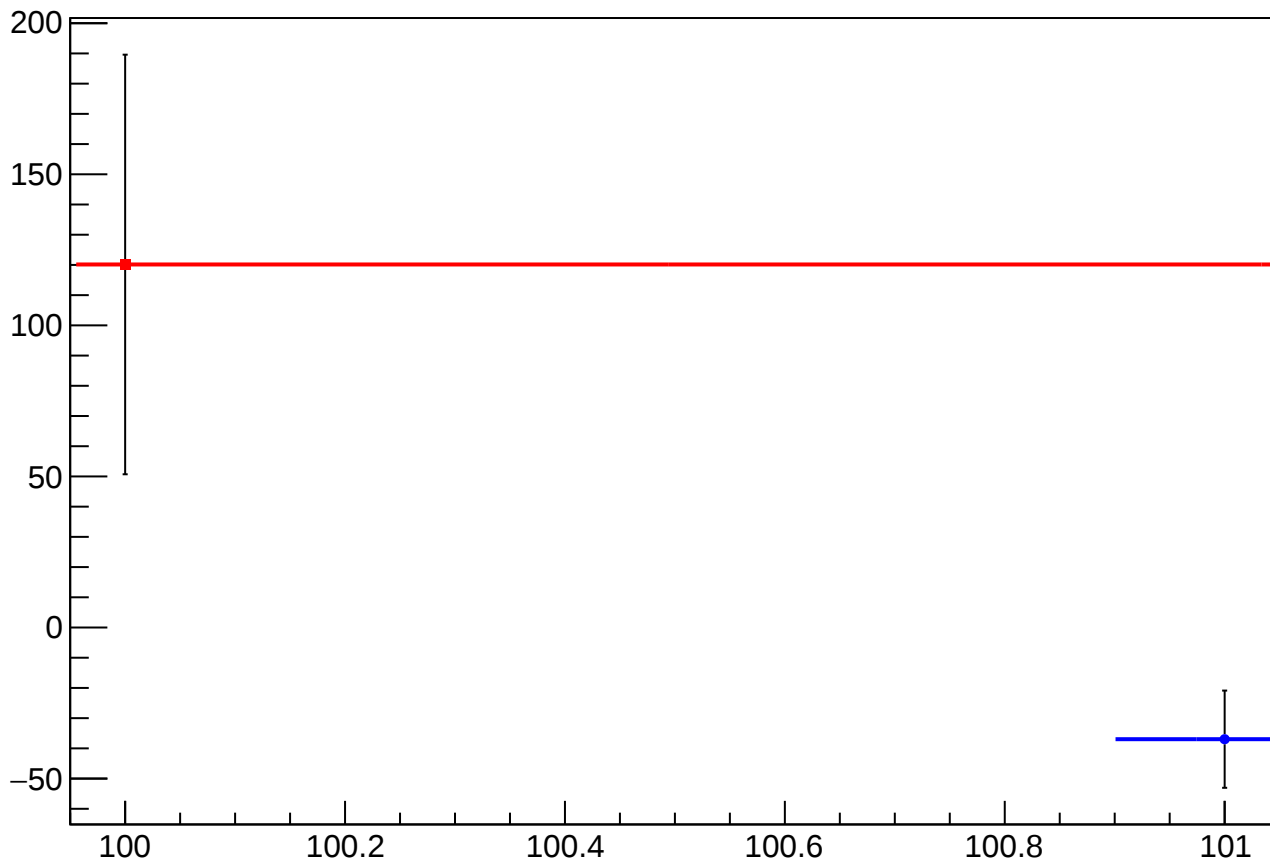
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8230.669 $\pm$ 7.612 χ^2 /NDF: 0.0/0

8042.591 $\pm$ 7.038 χ^2 /NDF: 4210.1/1

6933.744 $\pm$ 18.482 χ^2 /NDF: 0.0/0

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -36.963 $\pm$ 16.088 χ^2 /NDF: 0.0/0

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

Right Out: 120.153 $\pm$ 69.437 χ^2 /NDF: 0.0/0

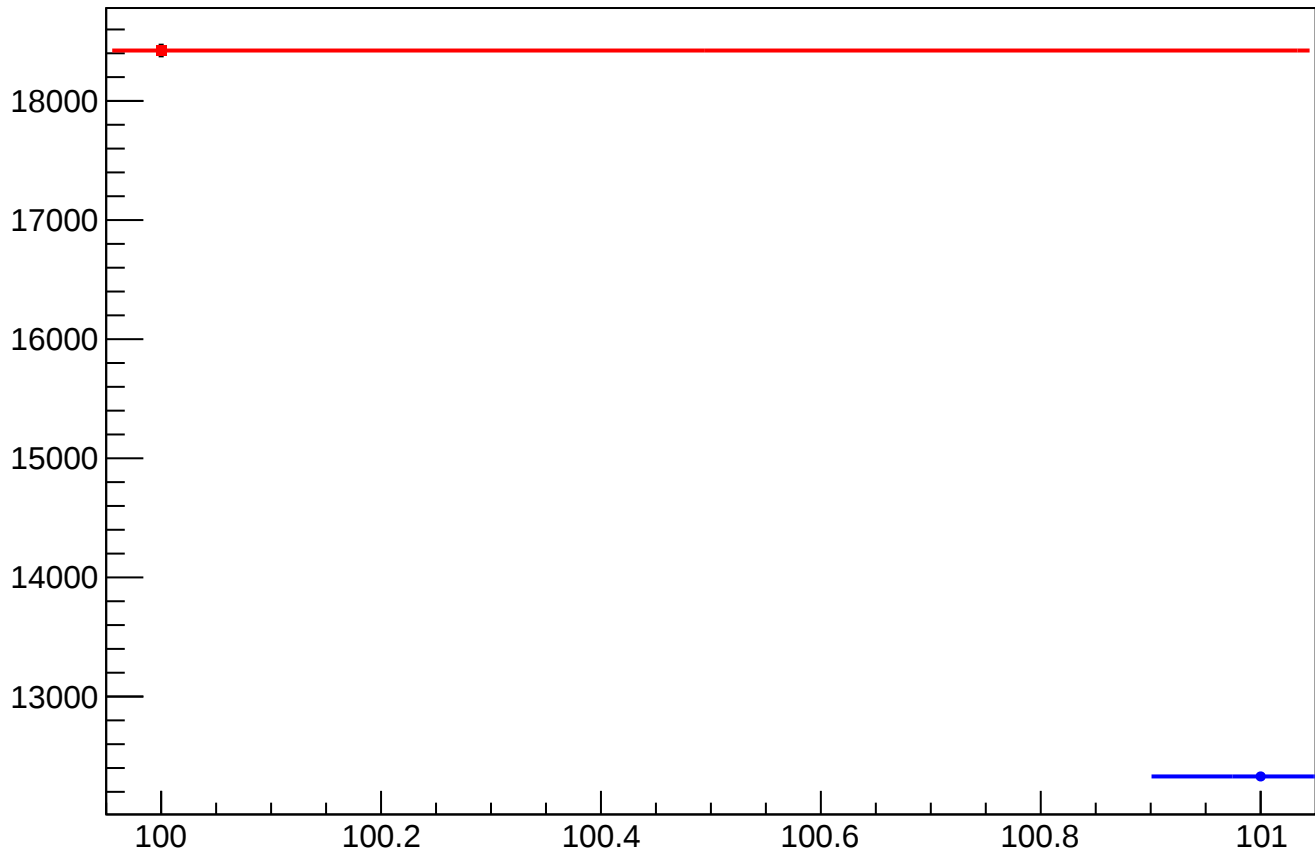
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-36.963 $\pm$ 16.088 χ^2 /NDF: 0.0/0

-28.959 $\pm$ 15.673 χ^2 /NDF: 4.9/1

120.153 $\pm$ 69.437 χ^2 /NDF: 0.0/0

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12329.254 $\pm$ 11.376 χ^2 /NDF: 0.0/0

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

Right Out: 18423.231 $\pm$ 49.100 χ^2 /NDF: 0.0/0

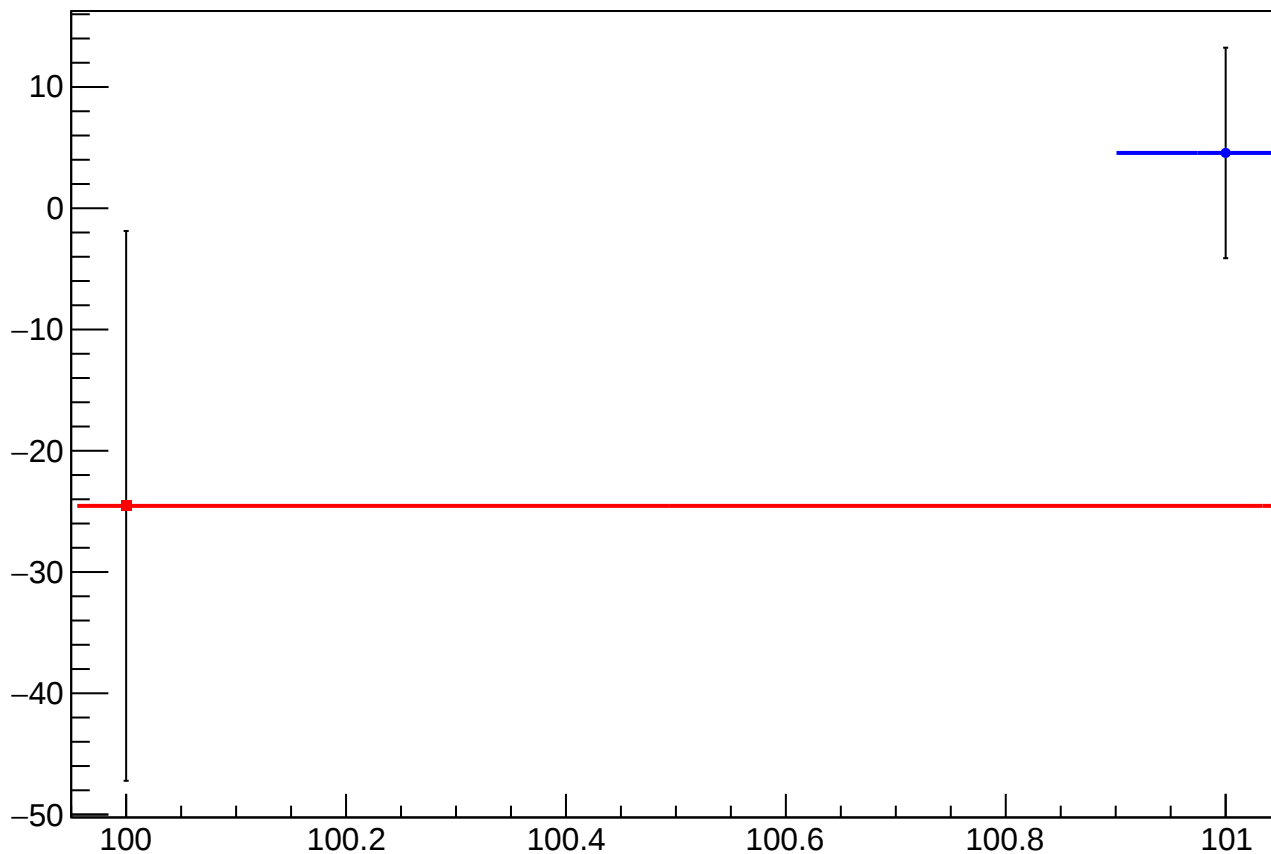
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

12329.254 $\pm$ 11.376 χ^2 /NDF: 0.0/0

12639.707 $\pm$ 11.082 χ^2 /NDF: 14619.7/1

18423.231 $\pm$ 49.100 χ^2 /NDF: 0.0/0

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: 4.563+/-8.681 χ^2/NDF : 0.0/0

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

Right Out: -24.545+/-22.672 χ^2/NDF : 0.0/0

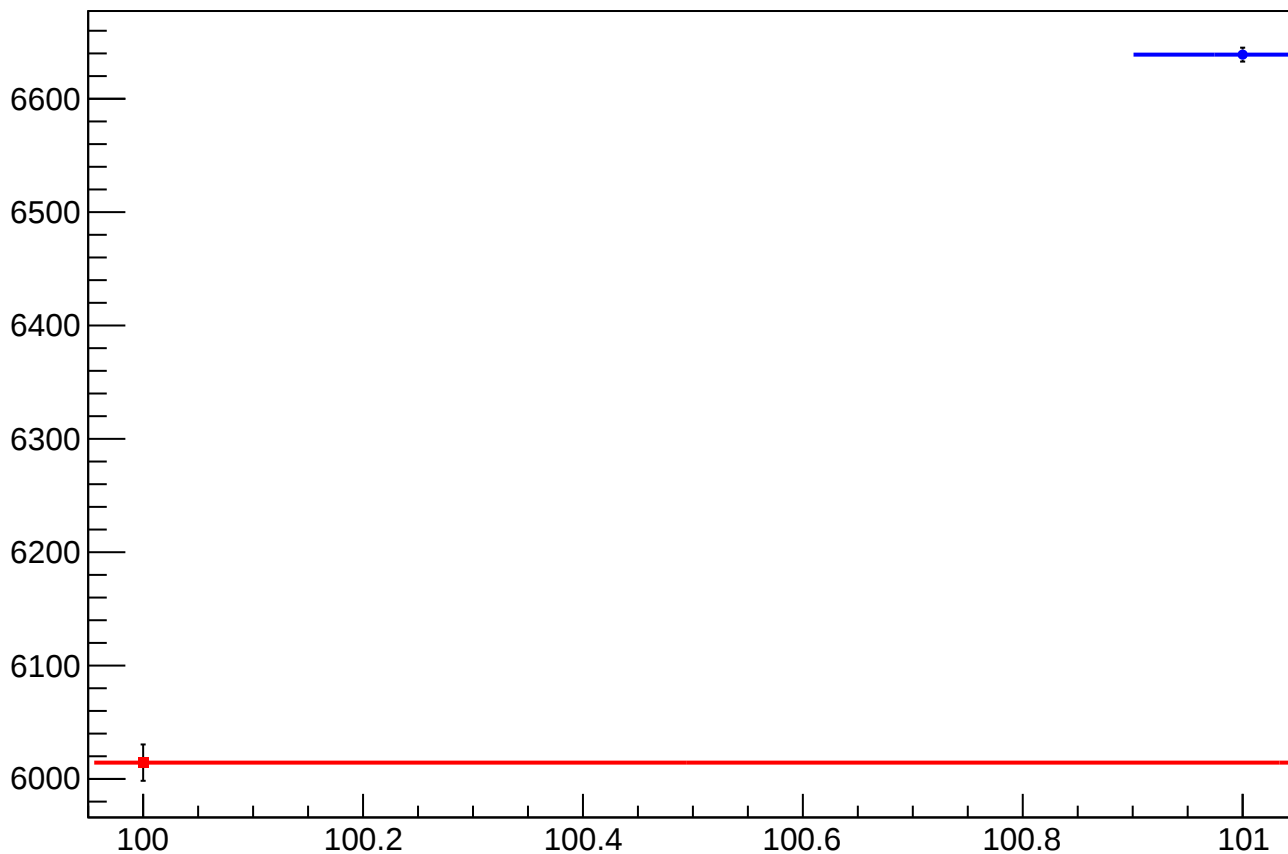
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

4.563+/-8.681 χ^2/NDF : 0.0/0

0.841+/-8.107 χ^2/NDF : 1.4/1

-24.545+/-22.672 χ^2/NDF : 0.0/0

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6638.938 $\pm$ 6.138 χ^2 /NDF: 0.0/0

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

Right Out: 6014.394 $\pm$ 16.032 χ^2 /NDF: 0.0/0

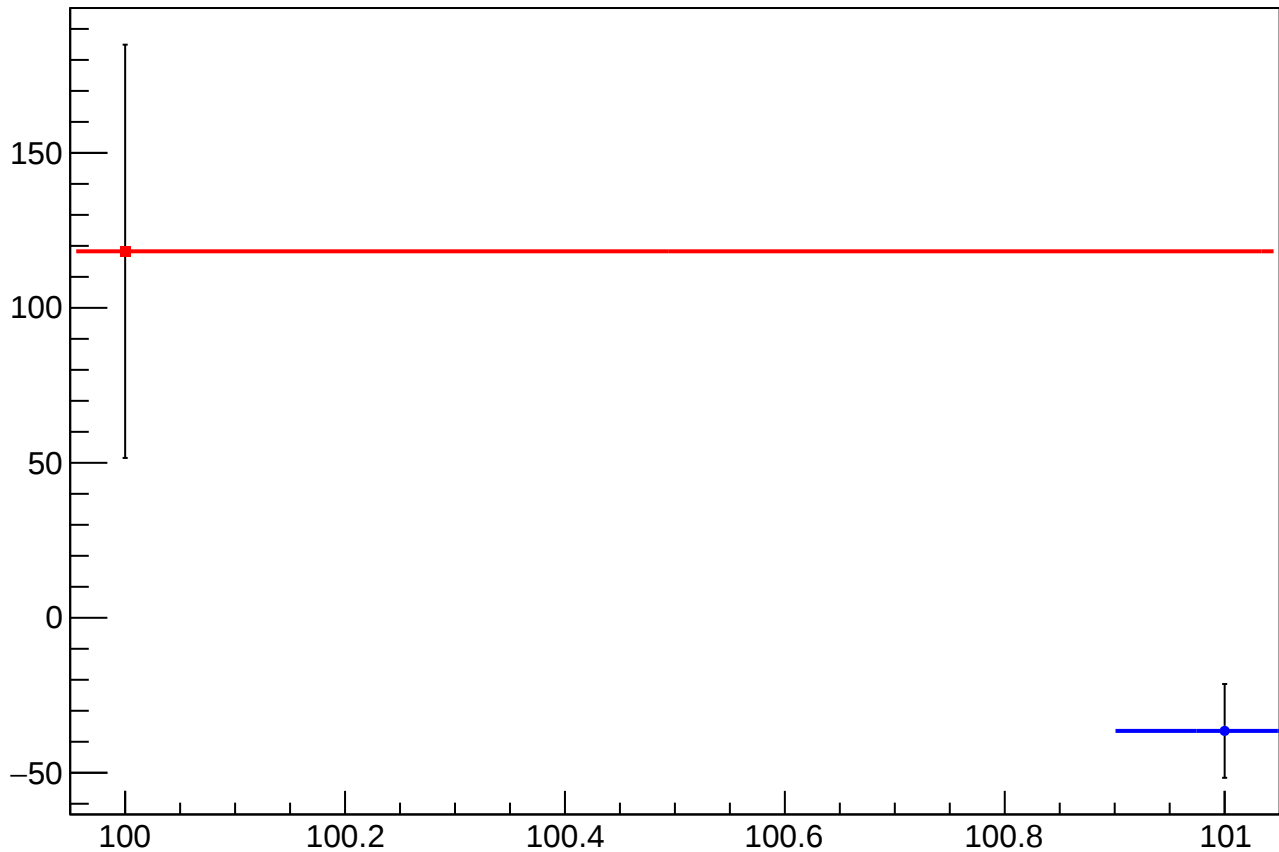
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

6638.938 $\pm$ 6.138 χ^2 /NDF: 0.0/0

6559.086 $\pm$ 5.732 χ^2 /NDF: 1323.6/1

6014.394 $\pm$ 16.032 χ^2 /NDF: 0.0/0

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -36.495+/-15.131 χ^2 /NDF: 0.0/0

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

Right Out: 118.246+/-66.672 χ^2 /NDF: 0.0/0

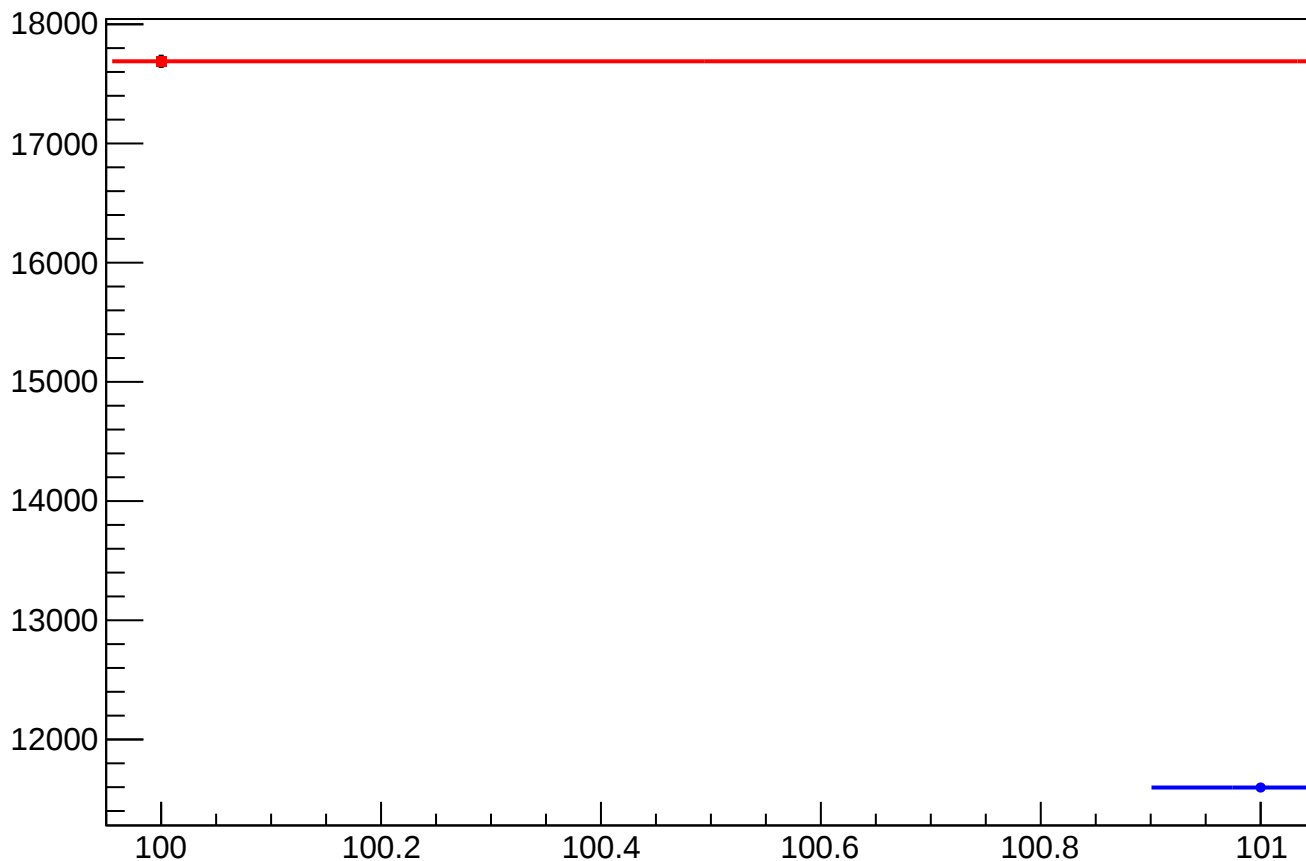
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-36.495+/-15.131 χ^2 /NDF: 0.0/0

-28.915+/-14.756 χ^2 /NDF: 5.1/1

118.246+/-66.672 χ^2 /NDF: 0.0/0

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 11596.942 $\pm$ 10.699 χ^2/NDF : 0.0/0

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

Right Out: 17689.449 $\pm$ 47.144 χ^2/NDF : 0.0/0

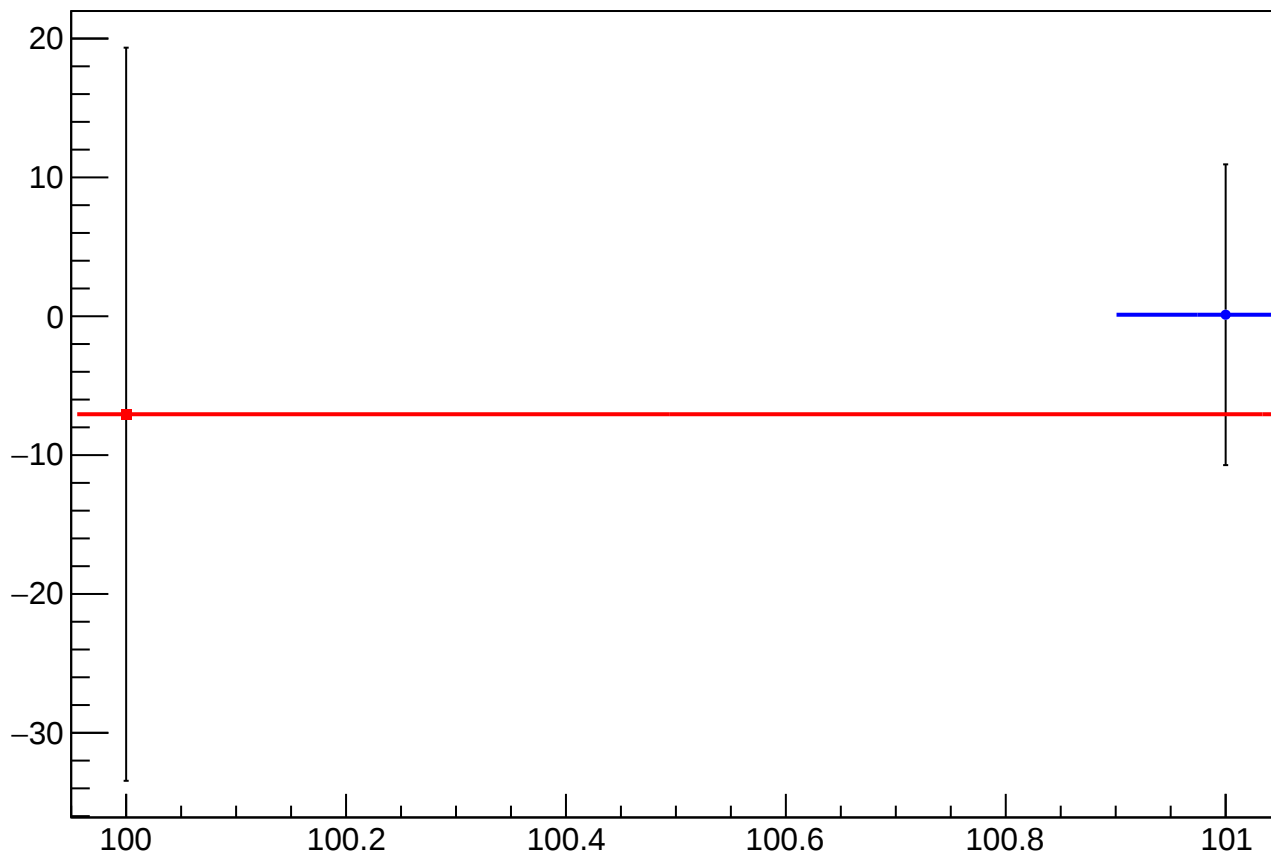
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

11596.942 $\pm$ 10.699 χ^2/NDF : 0.0/0

11895.375 $\pm$ 10.434 χ^2/NDF : 15882.7/1

17689.449 $\pm$ 47.144 χ^2/NDF : 0.0/0

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.110+/-10.830 χ^2/NDF : 0.0/0

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

Right Out: -7.056+/-26.399 χ^2/NDF : 0.0/0

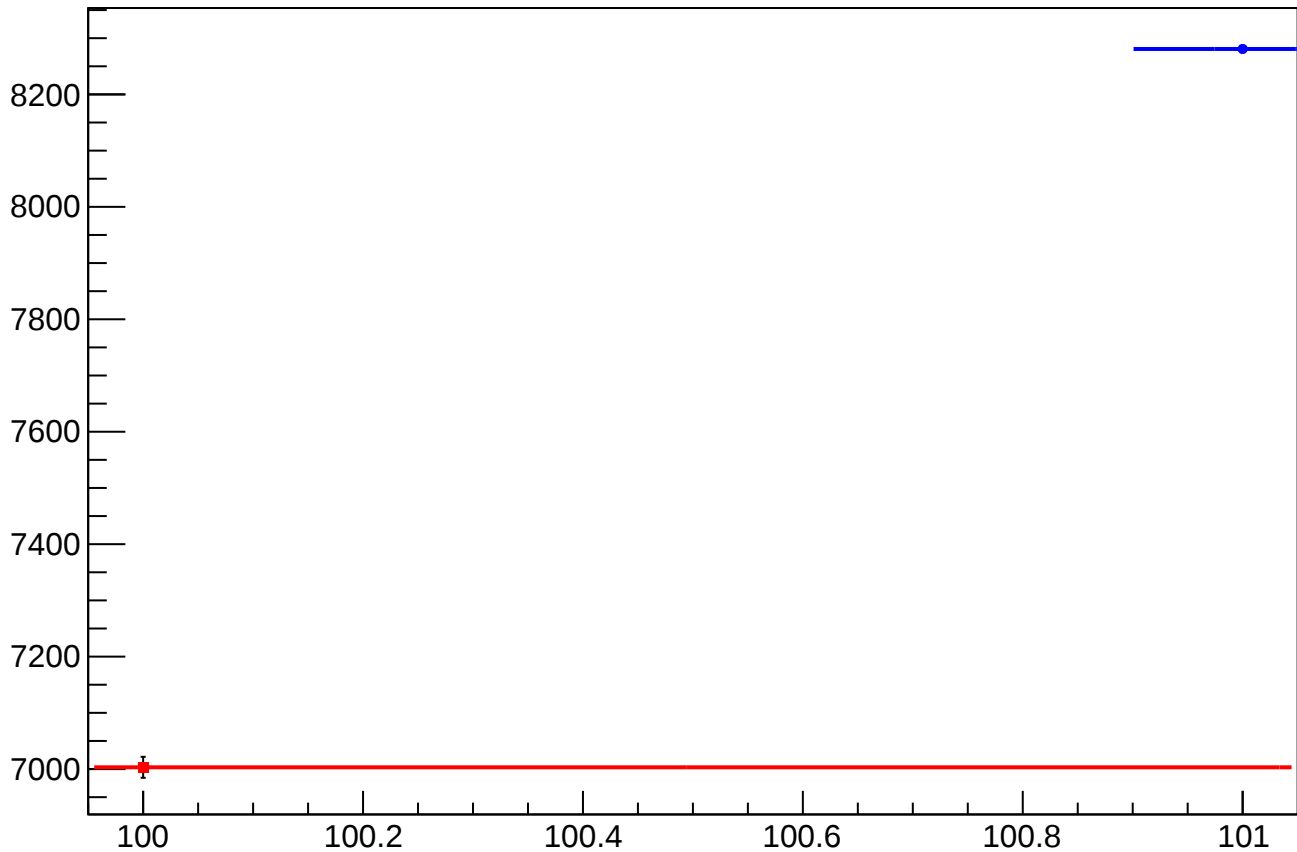
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.110+/-10.830 χ^2/NDF : 0.0/0

-0.922+/-10.019 χ^2/NDF : 0.1/1

-7.056+/-26.399 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 8280.806 ± 7.658 χ^2/NDF : 0.0/0

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

Right Out: 7003.122 ± 18.667 χ^2/NDF : 0.0/0

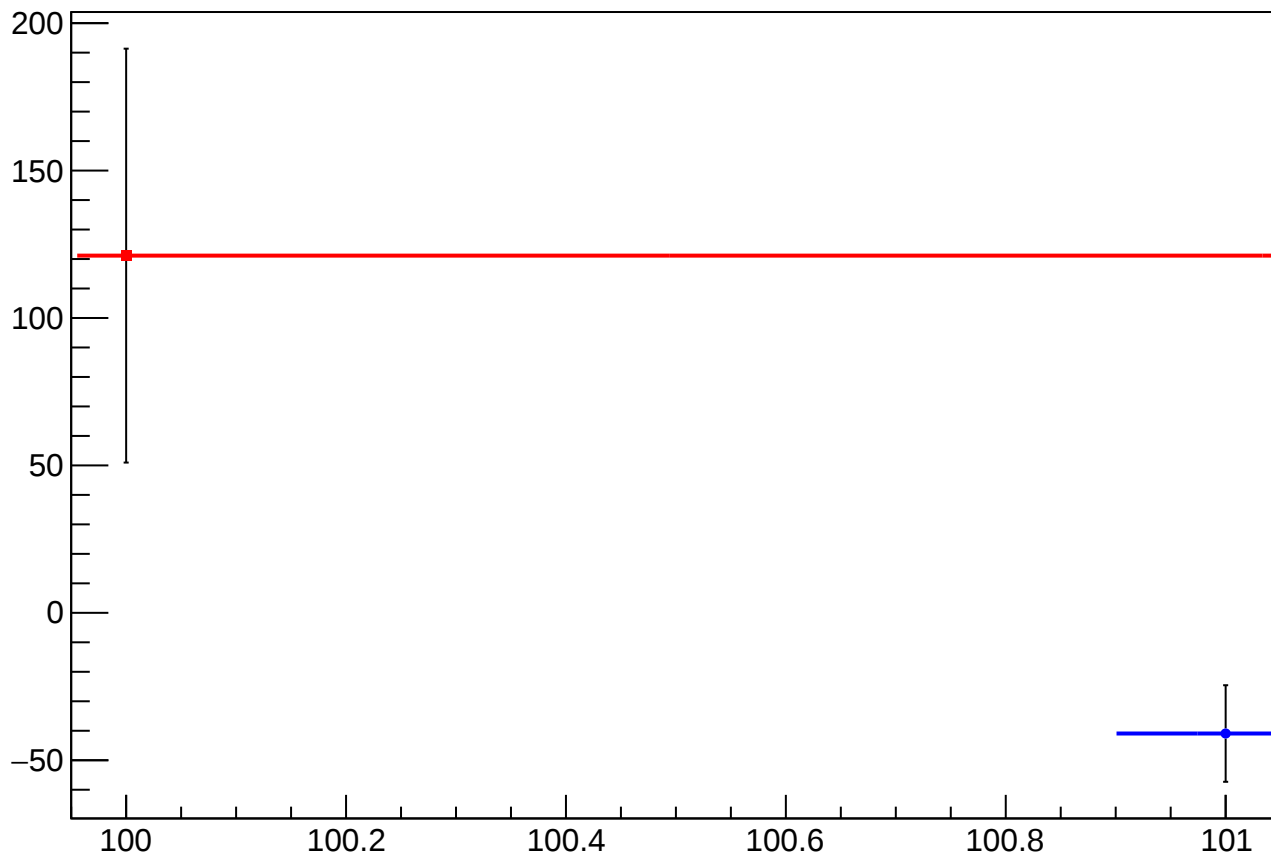
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

8280.806 ± 7.658 χ^2/NDF : 0.0/0

8096.760 ± 7.085 χ^2/NDF : 4010.0/1

7003.122 ± 18.667 χ^2/NDF : 0.0/0

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -40.932 $\pm$ 16.377 χ^2 /NDF: 0.0/0

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

Right Out: 121.155 $\pm$ 70.191 χ^2 /NDF: 0.0/0

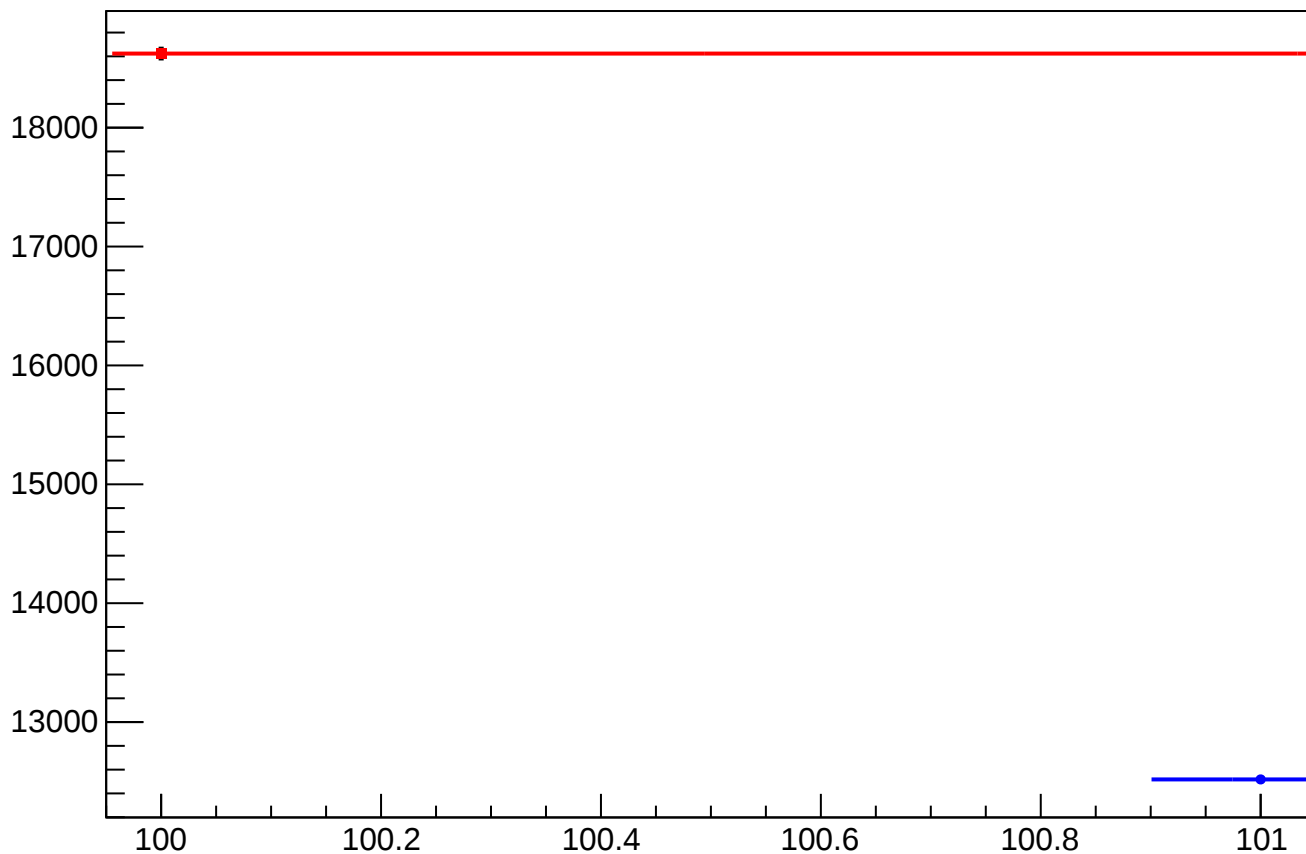
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-40.932 $\pm$ 16.377 χ^2 /NDF: 0.0/0

-32.564 $\pm$ 15.949 χ^2 /NDF: 5.1/1

121.155 $\pm$ 70.191 χ^2 /NDF: 0.0/0

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12517.680 $\pm$ 11.580 χ^2 /NDF: 0.0/0

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

Right Out: 18623.231 $\pm$ 49.633 χ^2 /NDF: 0.0/0

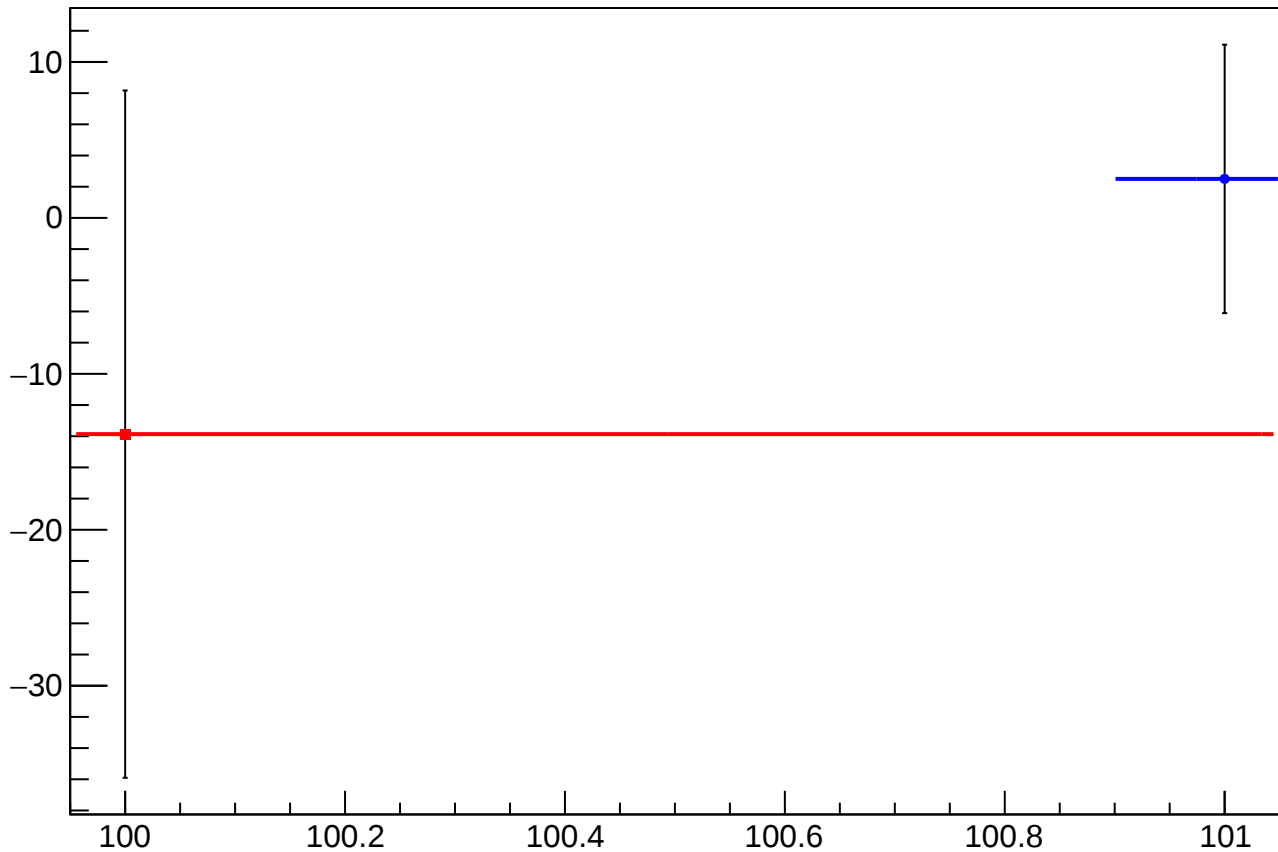
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

12517.680 $\pm$ 11.580 χ^2 /NDF: 0.0/0

12832.899 $\pm$ 11.277 χ^2 /NDF: 14351.4/1

18623.231 $\pm$ 49.633 χ^2 /NDF: 0.0/0

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 2.502 $\pm$ 8.607 χ^2/NDF : 0.0/0

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

Right Out: -13.866 $\pm$ 22.038 χ^2/NDF : 0.0/0

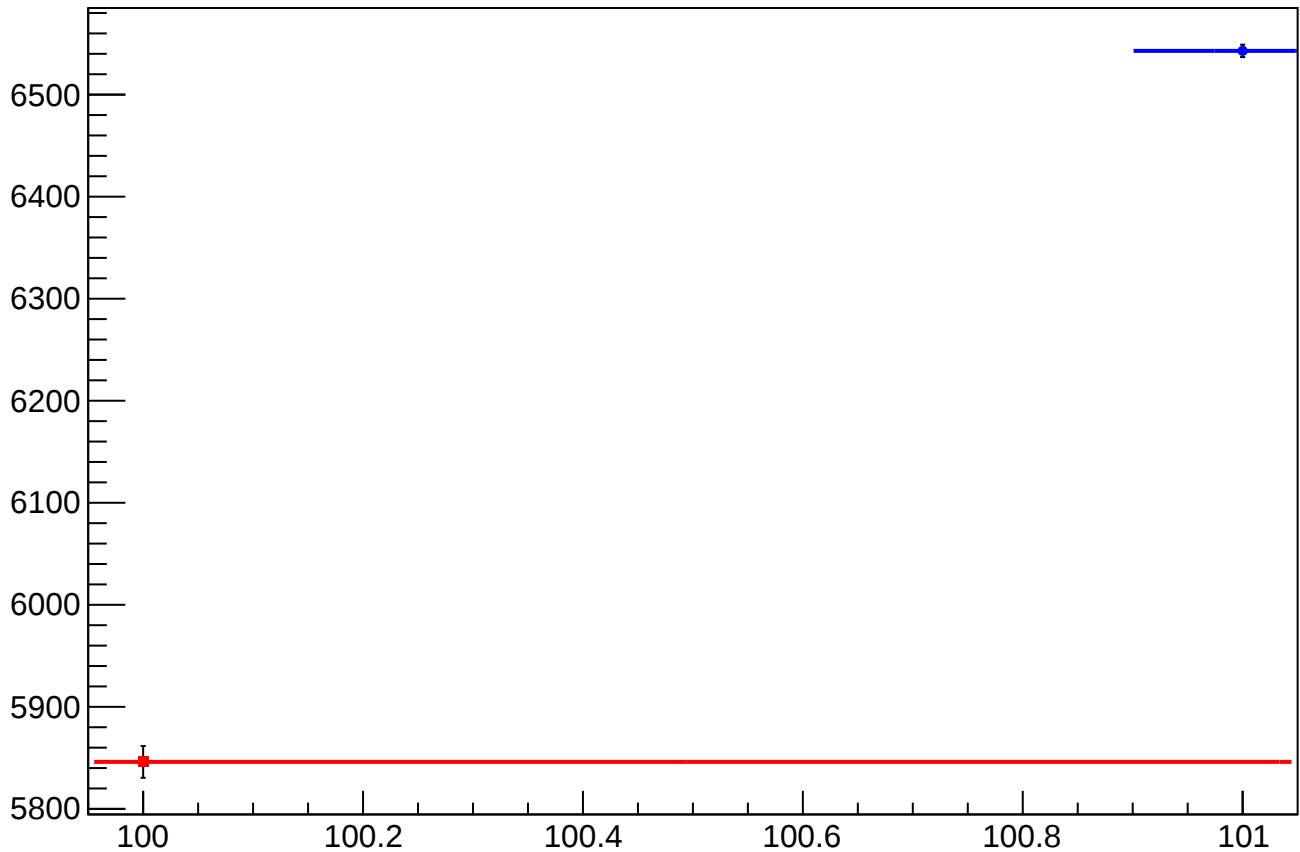
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2.502 $\pm$ 8.607 χ^2/NDF : 0.0/0

0.335 $\pm$ 8.017 χ^2/NDF : 0.5/1

-13.866 $\pm$ 22.038 χ^2/NDF : 0.0/0

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6542.883±/-6.086 χ^2 /NDF: 0.0/0

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

Right Out: 5846.042±/-15.583 χ^2 /NDF: 0.0/0

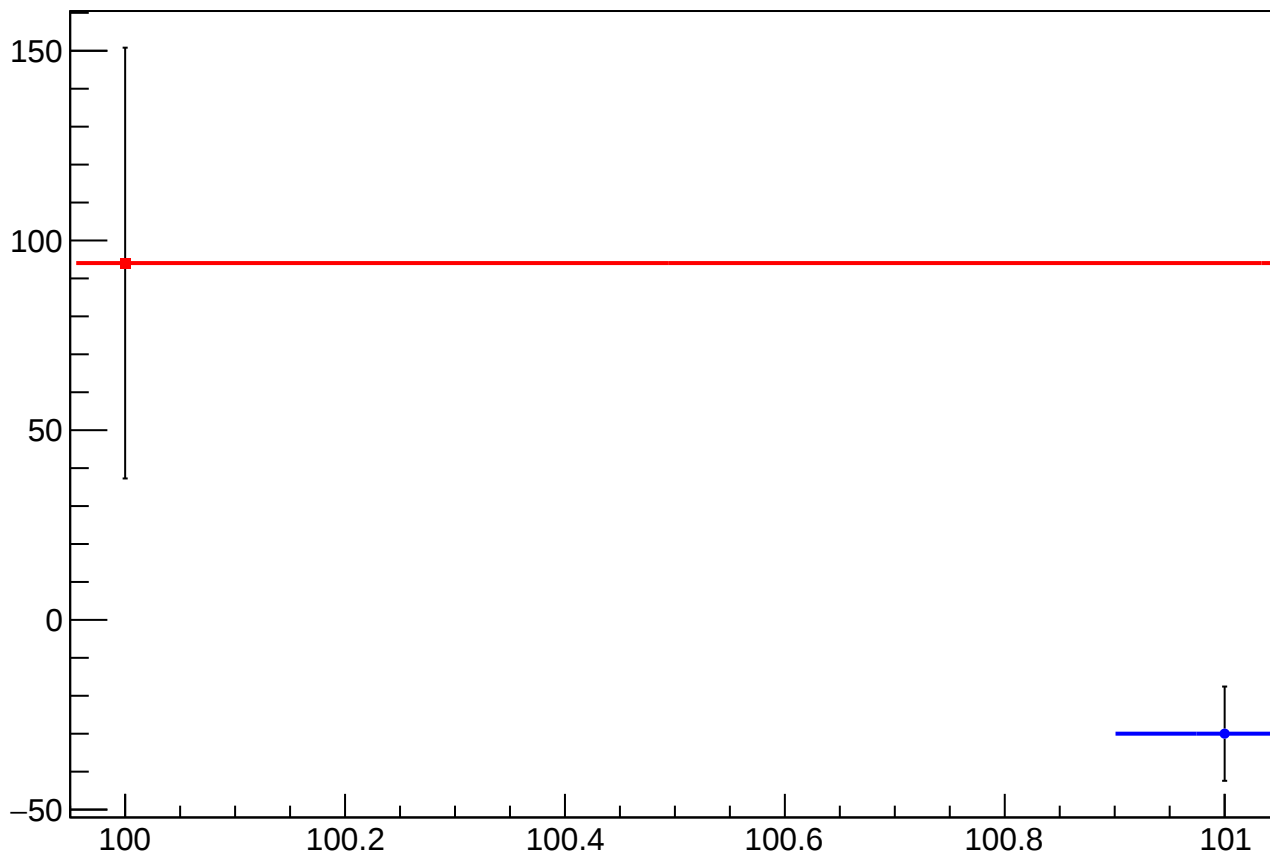
Left In: 0.000±/-0.000 χ^2 /NDF: 0.0/0

6542.883±/-6.086 χ^2 /NDF: 0.0/0

6450.656±/-5.669 χ^2 /NDF: 1735.0/1

5846.042±/-15.583 χ^2 /NDF: 0.0/0

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -29.991 $\pm$ 12.421 χ^2 /NDF: 0.0/0

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

Right Out: 94.047 $\pm$ 56.772 χ^2 /NDF: 0.0/0

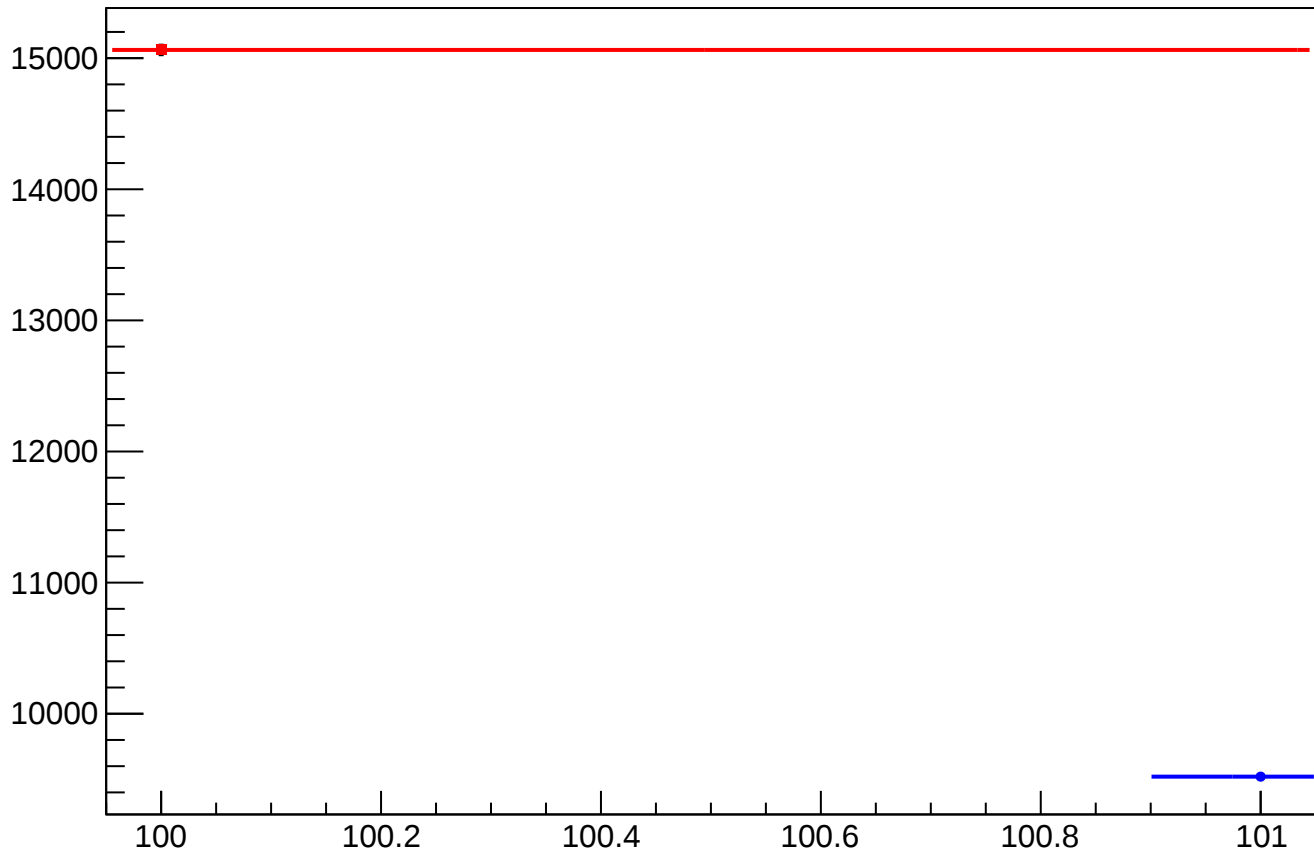
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-29.991 $\pm$ 12.421 χ^2 /NDF: 0.0/0

-24.324 $\pm$ 12.134 χ^2 /NDF: 4.6/1

94.047 $\pm$ 56.772 χ^2 /NDF: 0.0/0

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 9520.171+/-8.783 χ^2/NDF : 0.0/0

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

Right Out: 15062.748+/-40.144 χ^2/NDF : 0.0/0

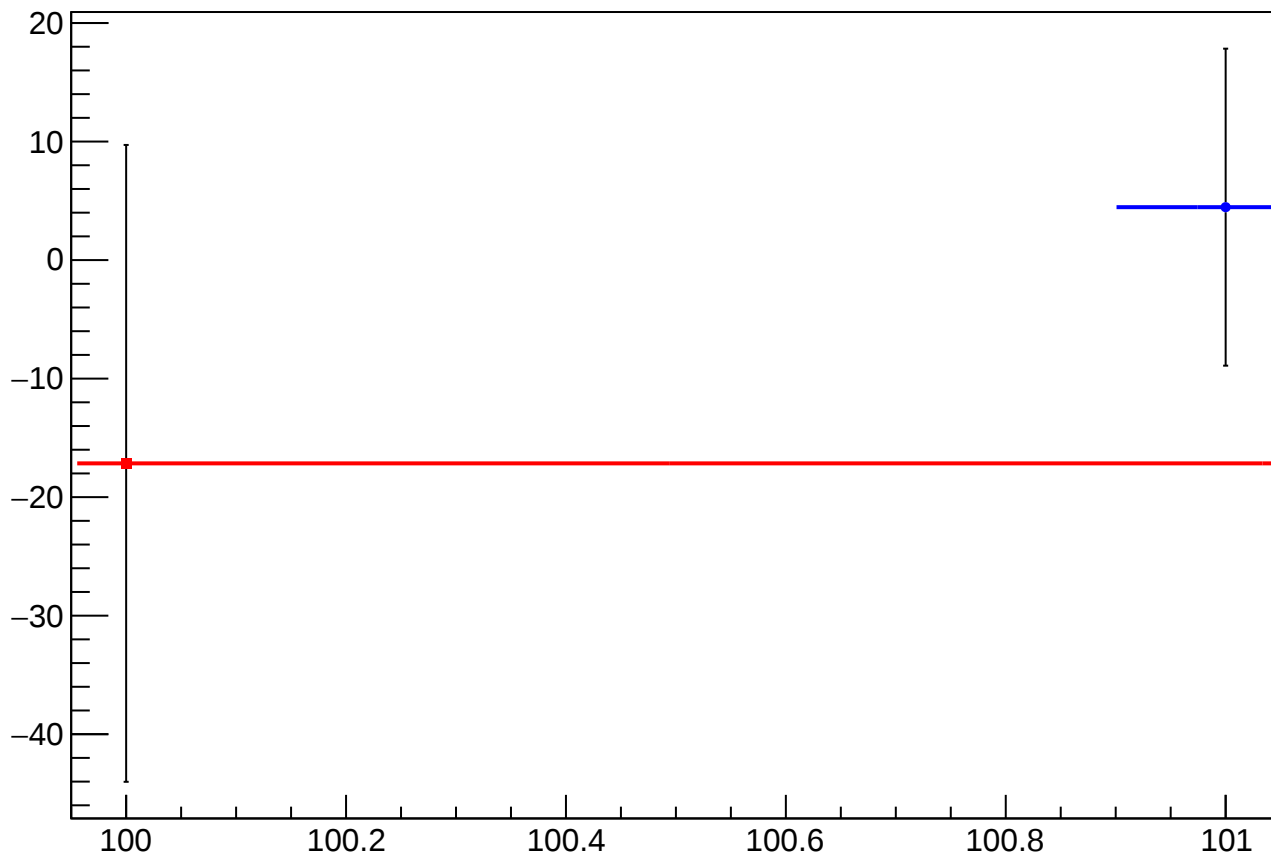
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9520.171+/-8.783 χ^2/NDF : 0.0/0

9773.358+/-8.580 χ^2/NDF : 18191.9/1

15062.748+/-40.144 χ^2/NDF : 0.0/0

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 4.465 $\pm$ 13.372 χ^2/NDF : 0.0/0

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

Right Out: -17.151 $\pm$ 26.865 χ^2/NDF : 0.0/0

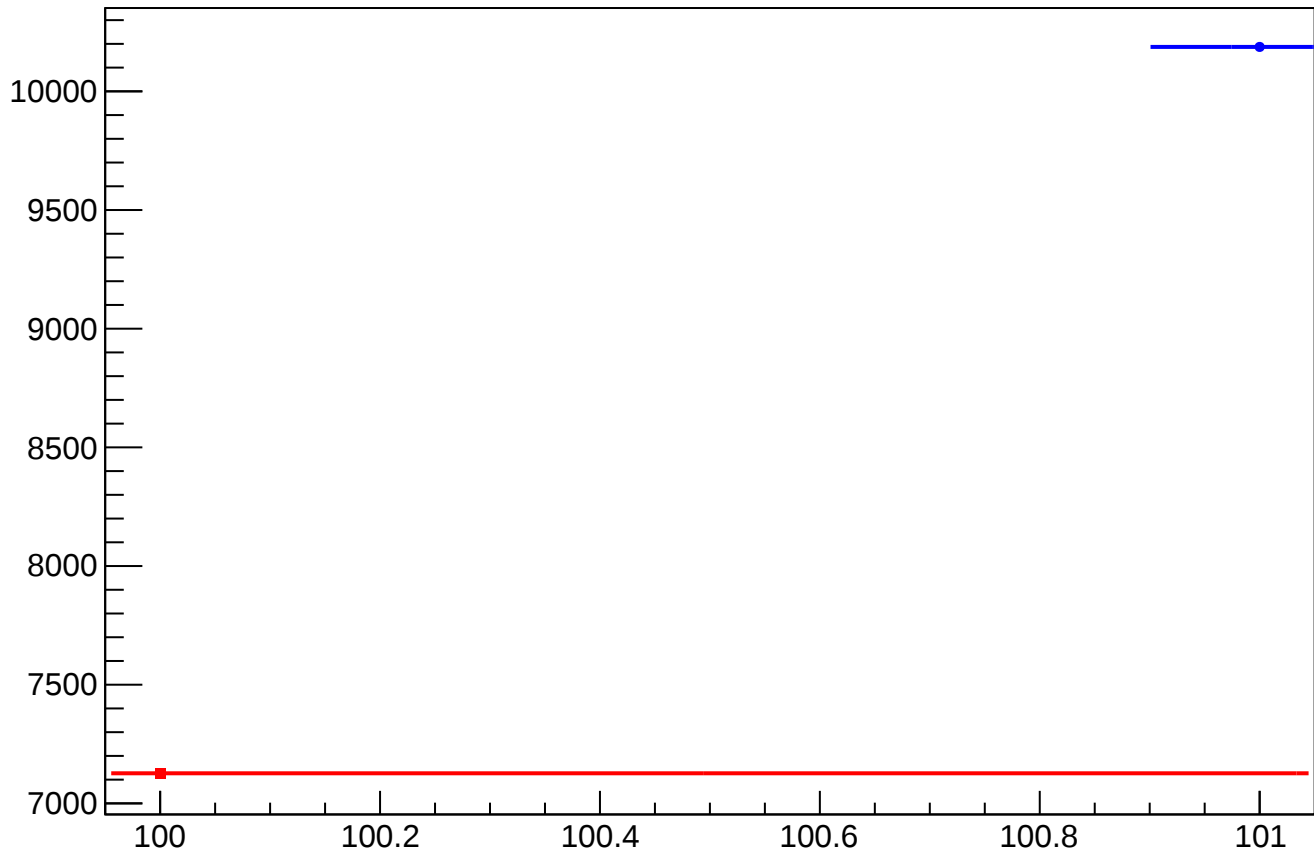
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

4.465 $\pm$ 13.372 χ^2/NDF : 0.0/0

0.173 $\pm$ 11.971 χ^2/NDF : 0.5/1

-17.151 $\pm$ 26.865 χ^2/NDF : 0.0/0

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 10187.169+/-9.455 χ^2 /NDF: 0.0/0

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

Right Out: 7126.778+/-18.997 χ^2 /NDF: 0.0/0

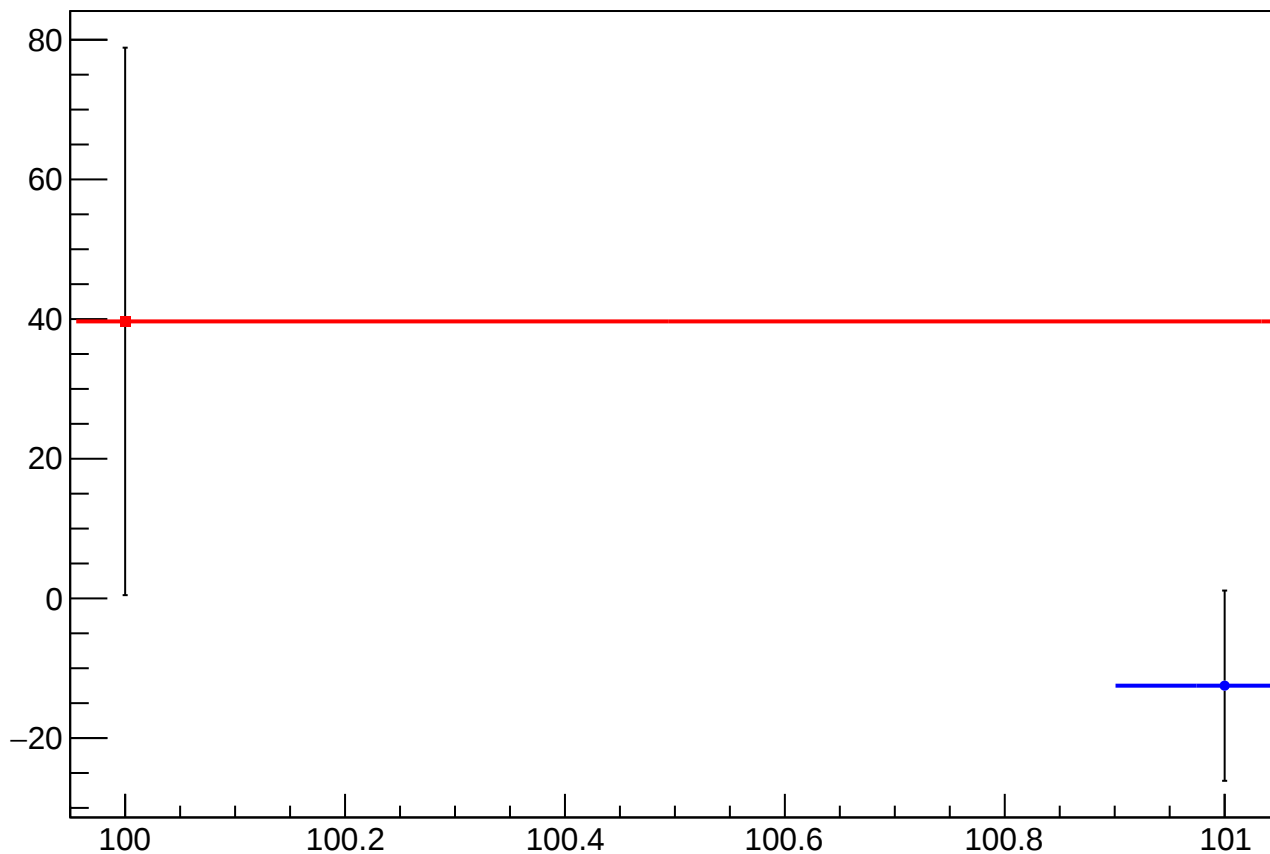
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

10187.169+/-9.455 χ^2 /NDF: 0.0/0

9579.503+/-8.465 χ^2 /NDF: 20800.5/1

7126.778+/-18.997 χ^2 /NDF: 0.0/0

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -12.497 $\pm$ 13.621 χ^2 /NDF: 0.0/0

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

Right Out: 39.668 $\pm$ 39.199 χ^2 /NDF: 0.0/0

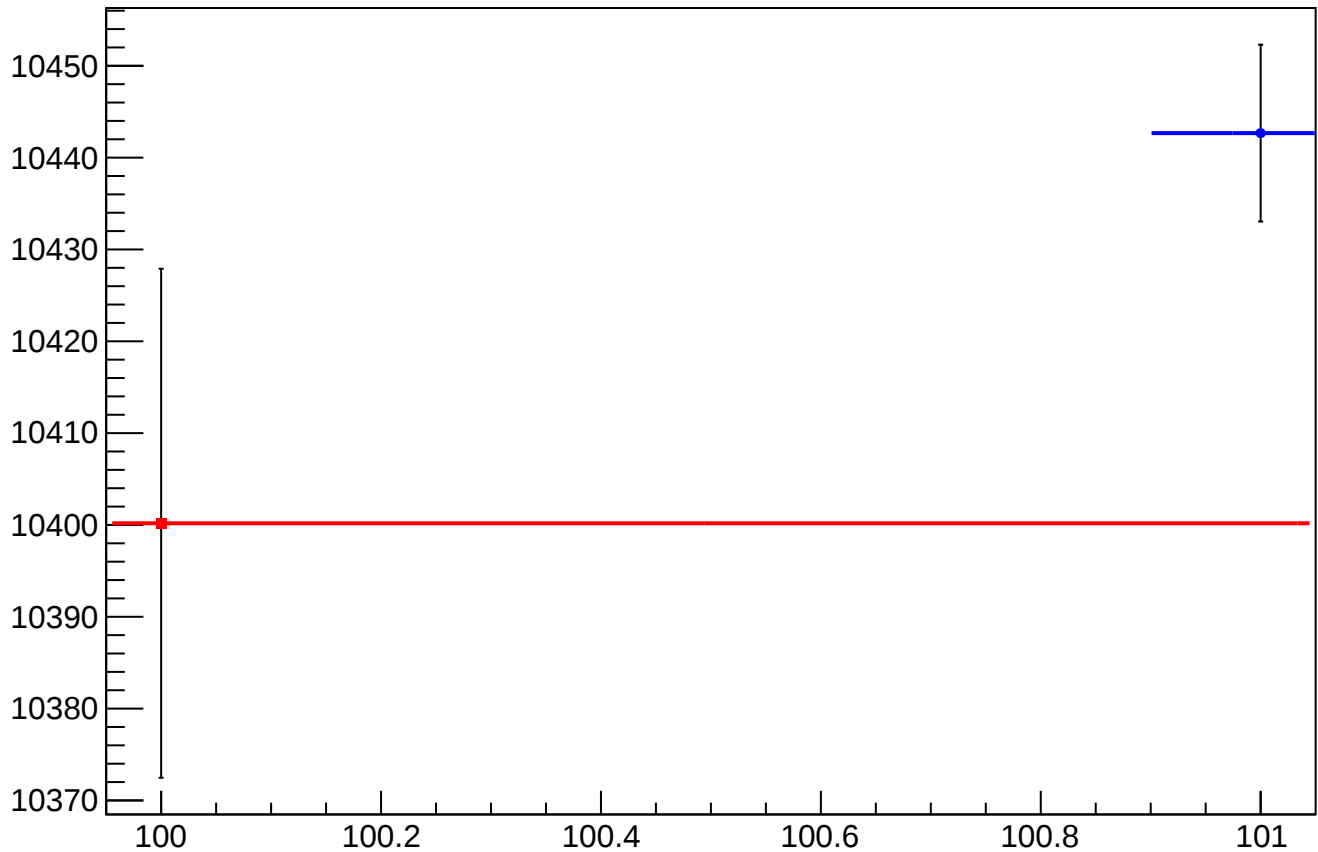
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-12.497 $\pm$ 13.621 χ^2 /NDF: 0.0/0

-6.877 $\pm$ 12.867 χ^2 /NDF: 1.6/1

39.668 $\pm$ 39.199 χ^2 /NDF: 0.0/0

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 10442.670 $\pm$ 9.632 χ^2 /NDF: 0.0/0

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

Right Out: 10400.183 $\pm$ 27.718 χ^2 /NDF: 0.0/0

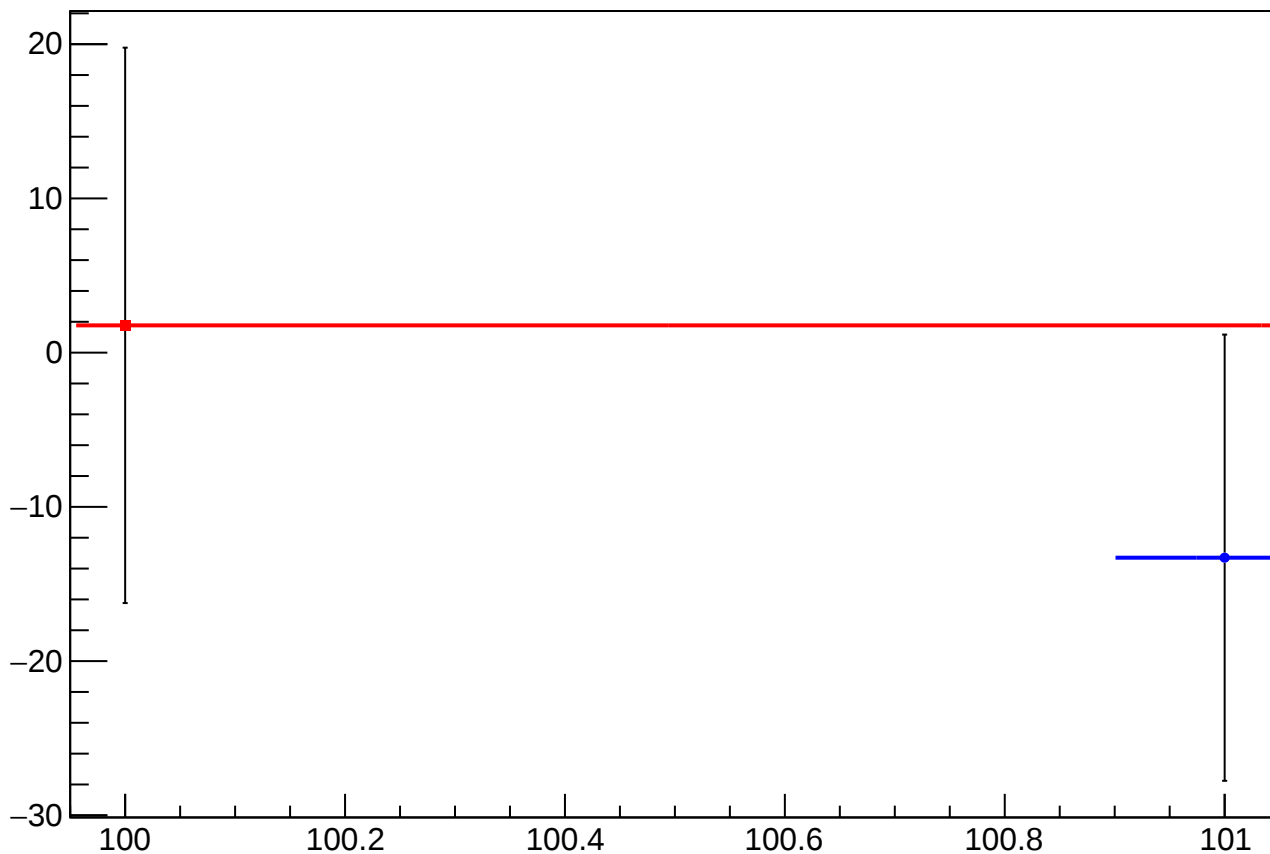
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

10442.670 $\pm$ 9.632 χ^2 /NDF: 0.0/0

10438.093 $\pm$ 9.098 χ^2 /NDF: 2.1/1

10400.183 $\pm$ 27.718 χ^2 /NDF: 0.0/0

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -13.295+/-14.466 χ^2/NDF : 0.0/0

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

Right Out: 1.769+/-18.005 χ^2/NDF : 0.0/0

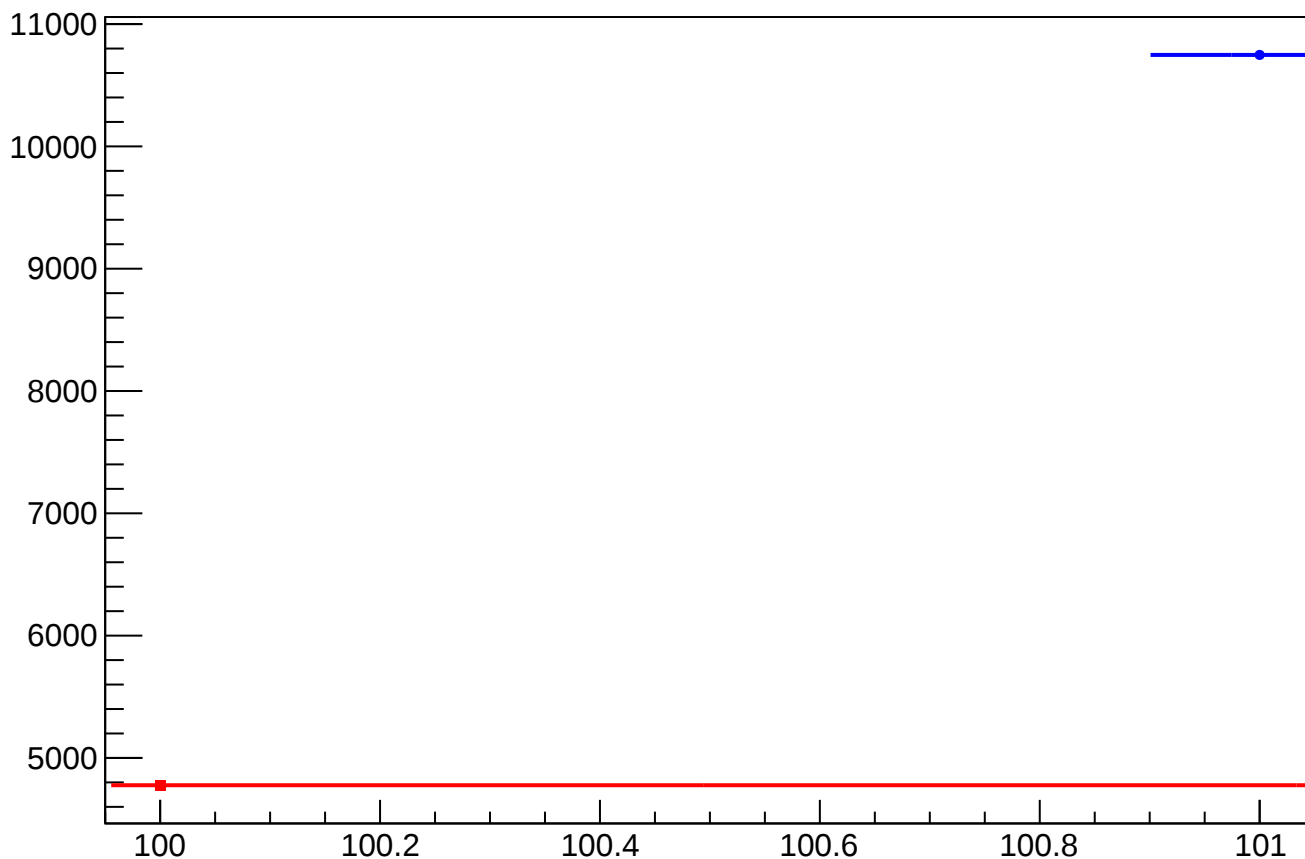
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.295+/-14.466 χ^2/NDF : 0.0/0

-7.386+/-11.277 χ^2/NDF : 0.4/1

1.769+/-18.005 χ^2/NDF : 0.0/0

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 10747.872 $\pm$ 10.229 χ^2 /NDF: 0.0/0

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

Right Out: 4776.774 $\pm$ 12.732 χ^2 /NDF: 0.0/0

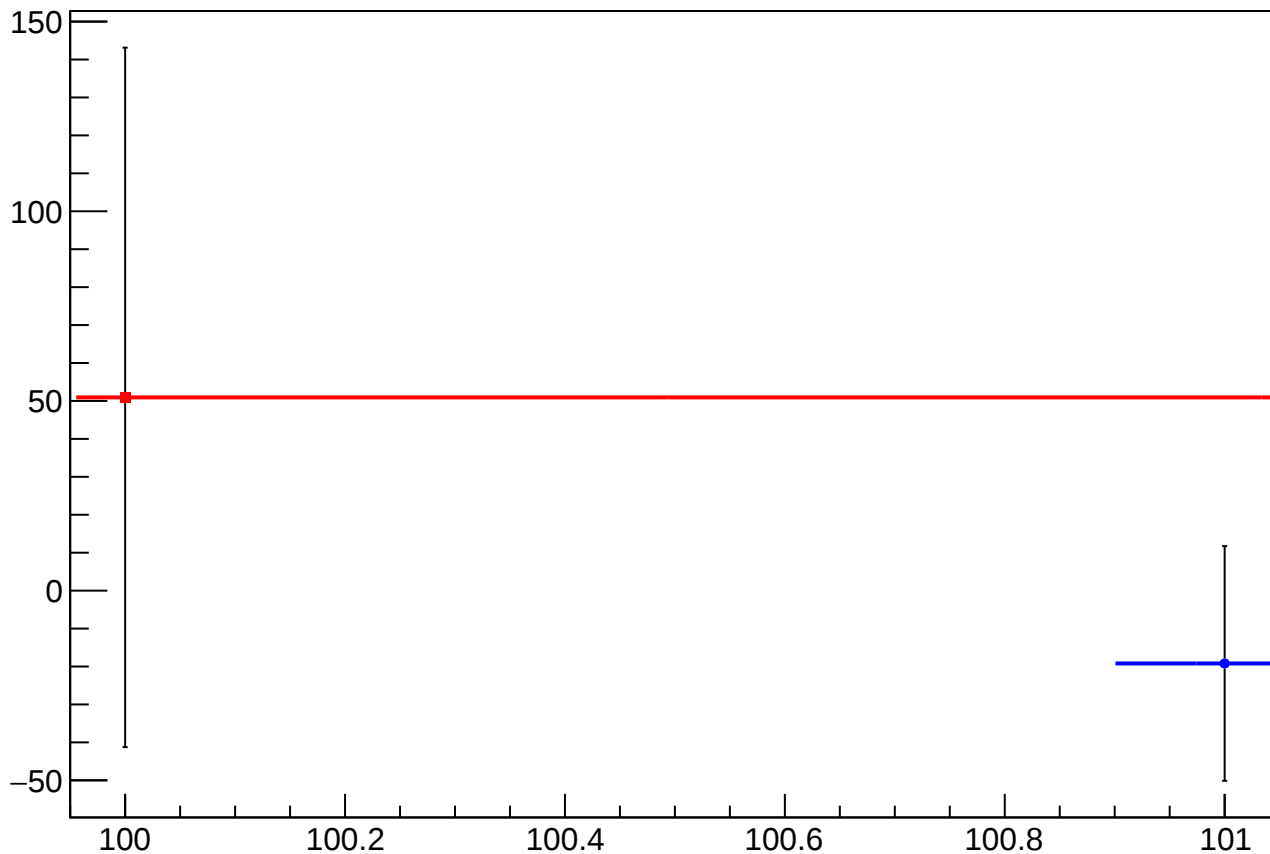
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

10747.872 $\pm$ 10.229 χ^2 /NDF: 0.0/0

8405.519 $\pm$ 7.974 χ^2 /NDF: 133671.9/1

4776.774 $\pm$ 12.732 χ^2 /NDF: 0.0/0

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -19.197+/-30.929 χ^2 /NDF: 0.0/0

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

Right Out: 50.939+/-92.184 χ^2 /NDF: 0.0/0

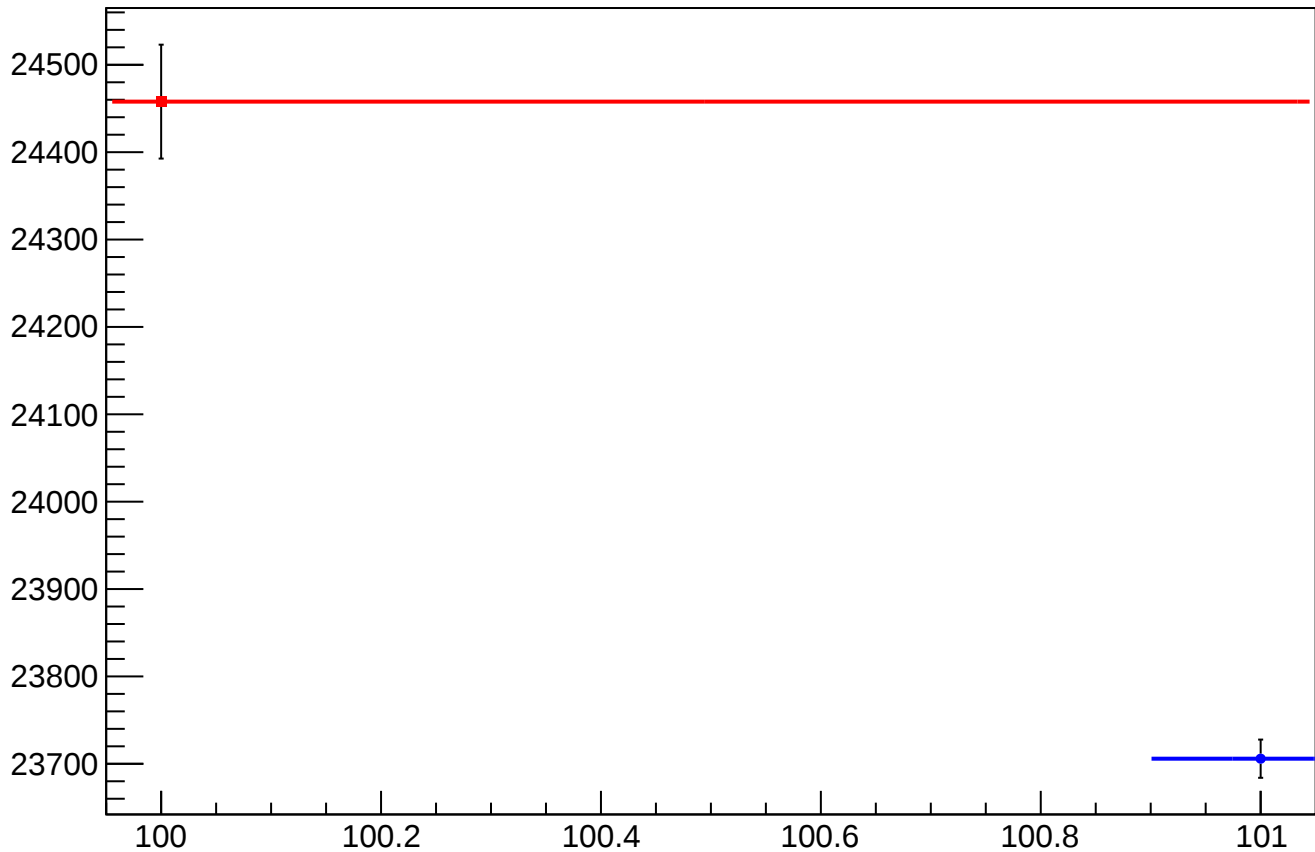
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-19.197+/-30.929 χ^2 /NDF: 0.0/0

-12.101+/-29.322 χ^2 /NDF: 0.5/1

50.939+/-92.184 χ^2 /NDF: 0.0/0

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 23705.842 $\pm$ 21.870 χ^2/NDF : 0.0/0

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

Right Out: 24457.865 $\pm$ 65.184 χ^2/NDF : 0.0/0

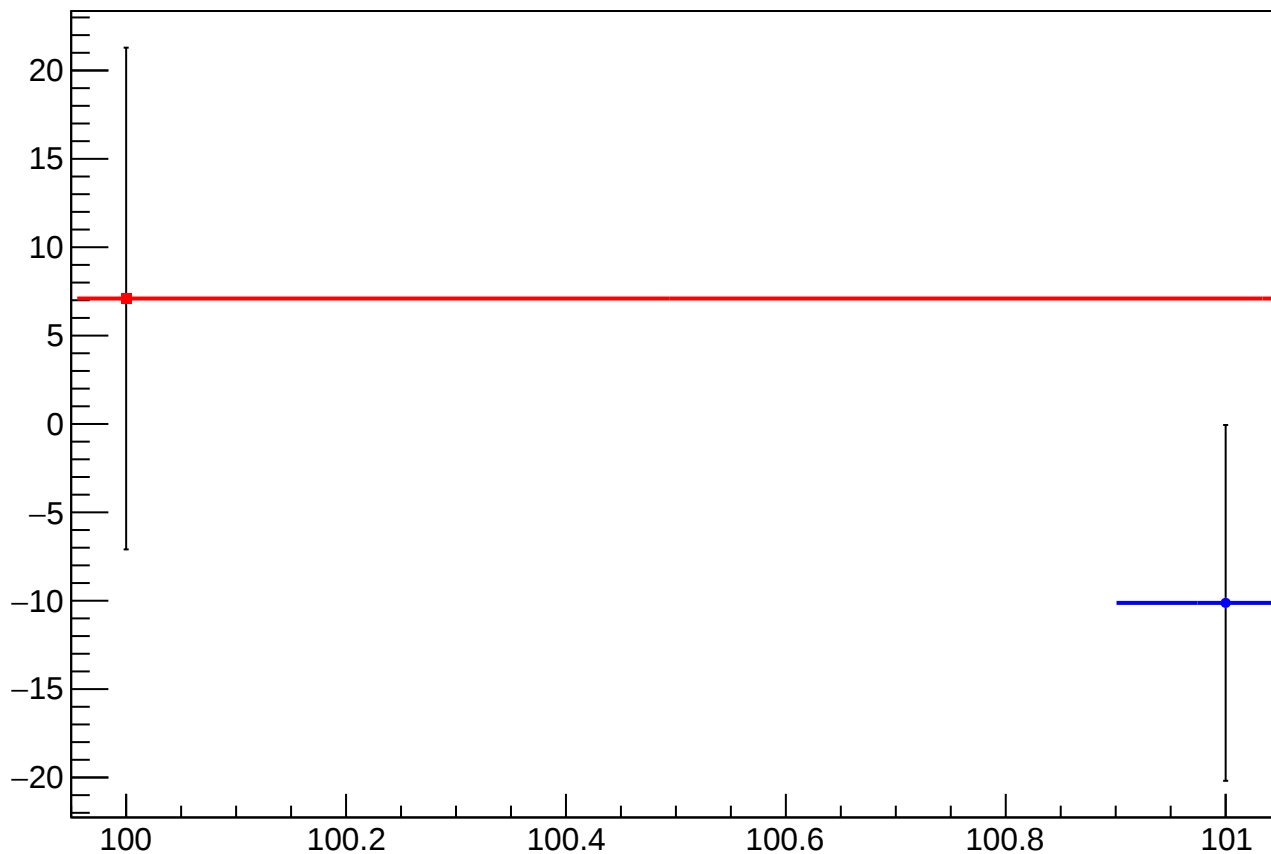
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

23705.842 $\pm$ 21.870 χ^2/NDF : 0.0/0

23781.931 $\pm$ 20.734 χ^2/NDF : 119.6/1

24457.865 $\pm$ 65.184 χ^2/NDF : 0.0/0

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -10.123+/-10.065 χ^2/NDF : 0.0/0

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

Right Out: 7.097+/-14.193 χ^2/NDF : 0.0/0

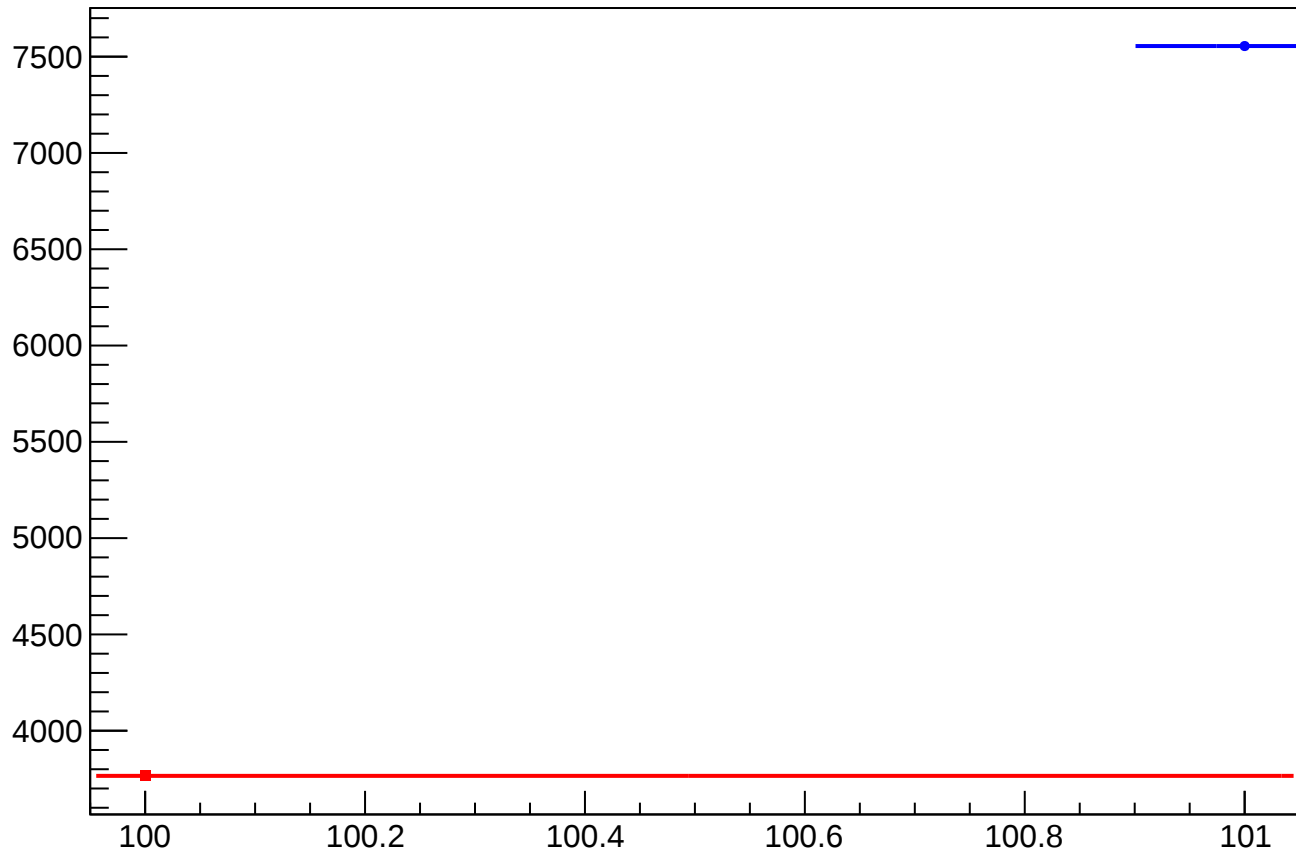
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.123+/-10.065 χ^2/NDF : 0.0/0

-4.361+/-8.210 χ^2/NDF : 1.0/1

7.097+/-14.193 χ^2/NDF : 0.0/0

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 7555.149 $\pm$ 7.117 χ^2 /NDF: 0.0/0

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

Right Out: 3765.585 $\pm$ 10.036 χ^2 /NDF: 0.0/0

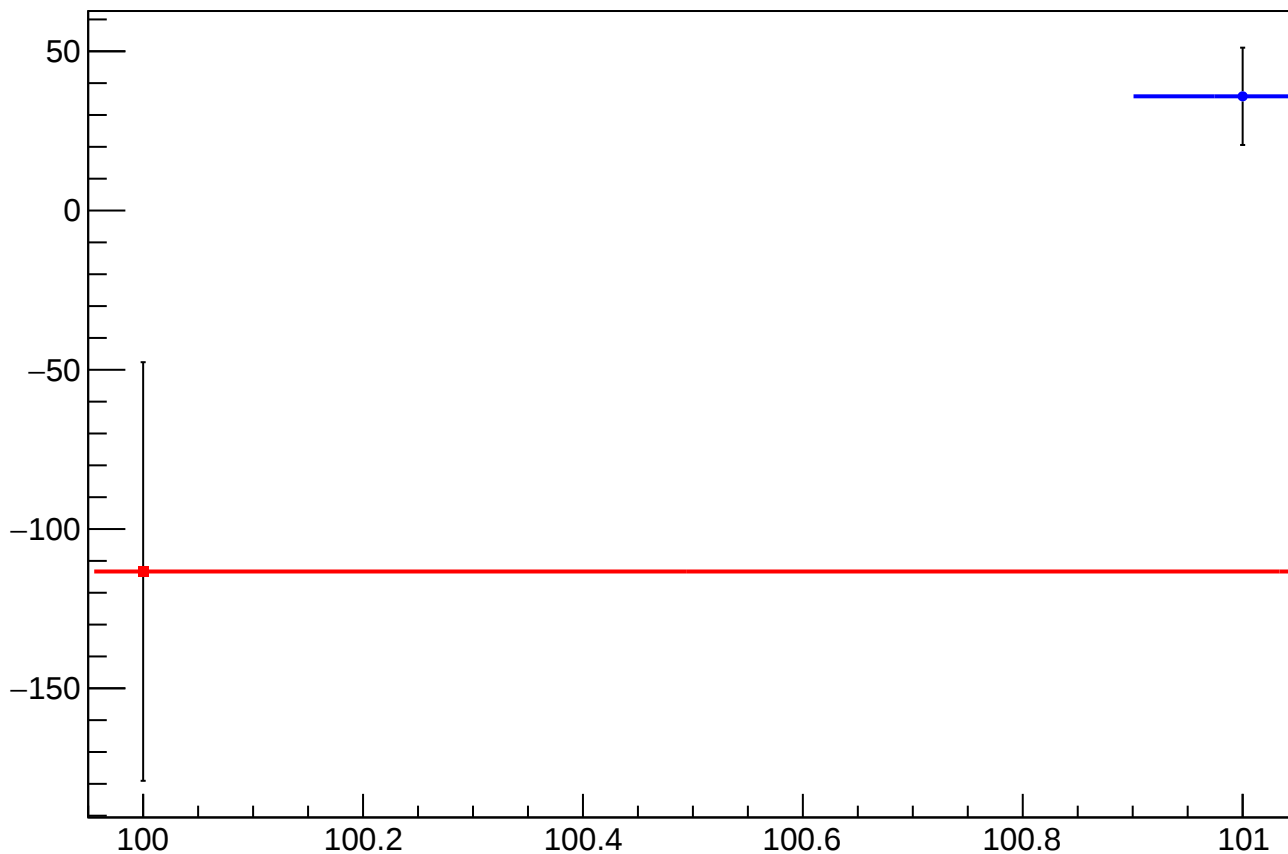
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7555.149 $\pm$ 7.117 χ^2 /NDF: 0.0/0

6287.160 $\pm$ 5.805 χ^2 /NDF: 94867.6/1

3765.585 $\pm$ 10.036 χ^2 /NDF: 0.0/0

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 35.859+/-15.274 χ^2/NDF : 0.0/0

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

Right Out: -113.329+/-65.713 χ^2/NDF : 0.0/0

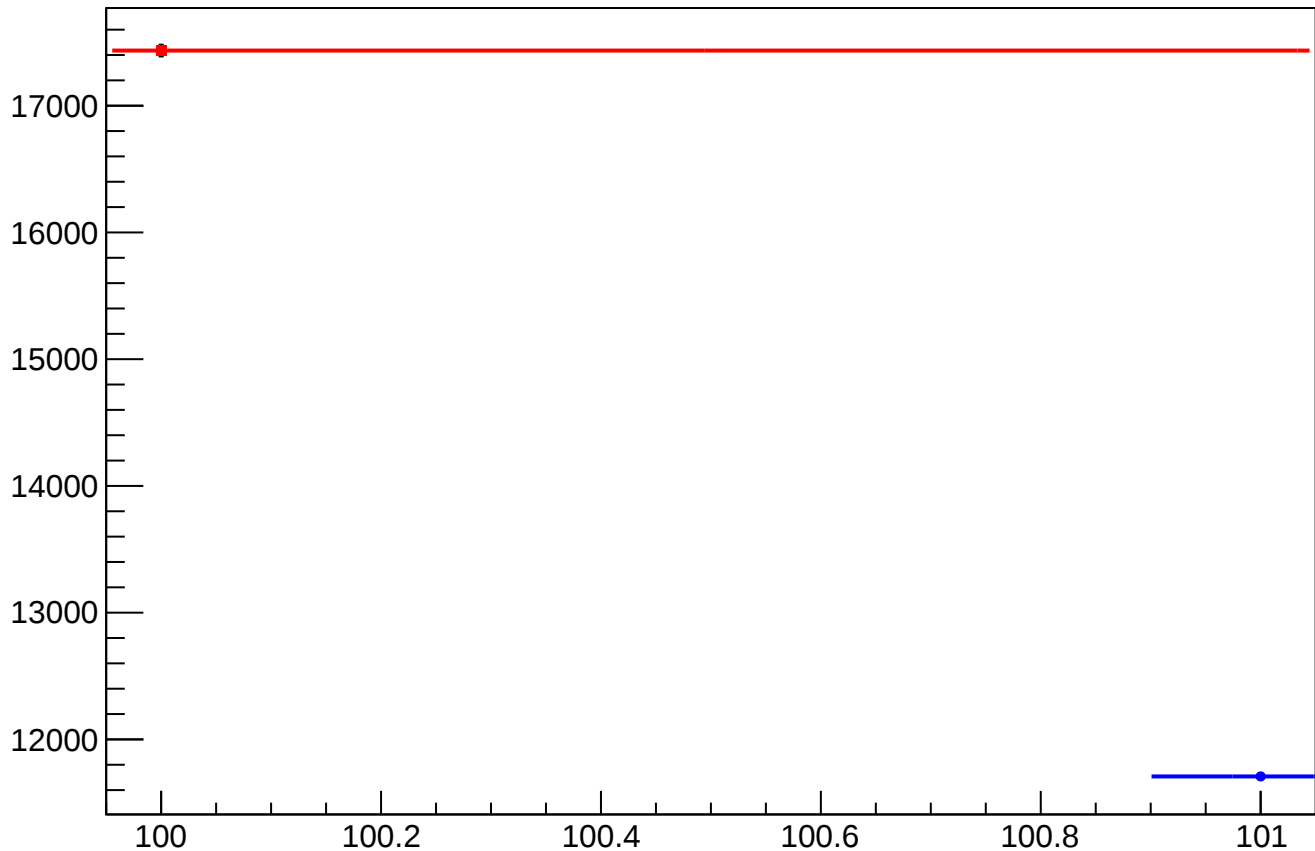
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

35.859+/-15.274 χ^2/NDF : 0.0/0

28.212+/-14.878 χ^2/NDF : 4.9/1

-113.329+/-65.713 χ^2/NDF : 0.0/0

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 11707.856 $\pm$ 10.801 χ^2/NDF : 0.0/0

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

Right Out: 17435.116 $\pm$ 46.466 χ^2/NDF : 0.0/0

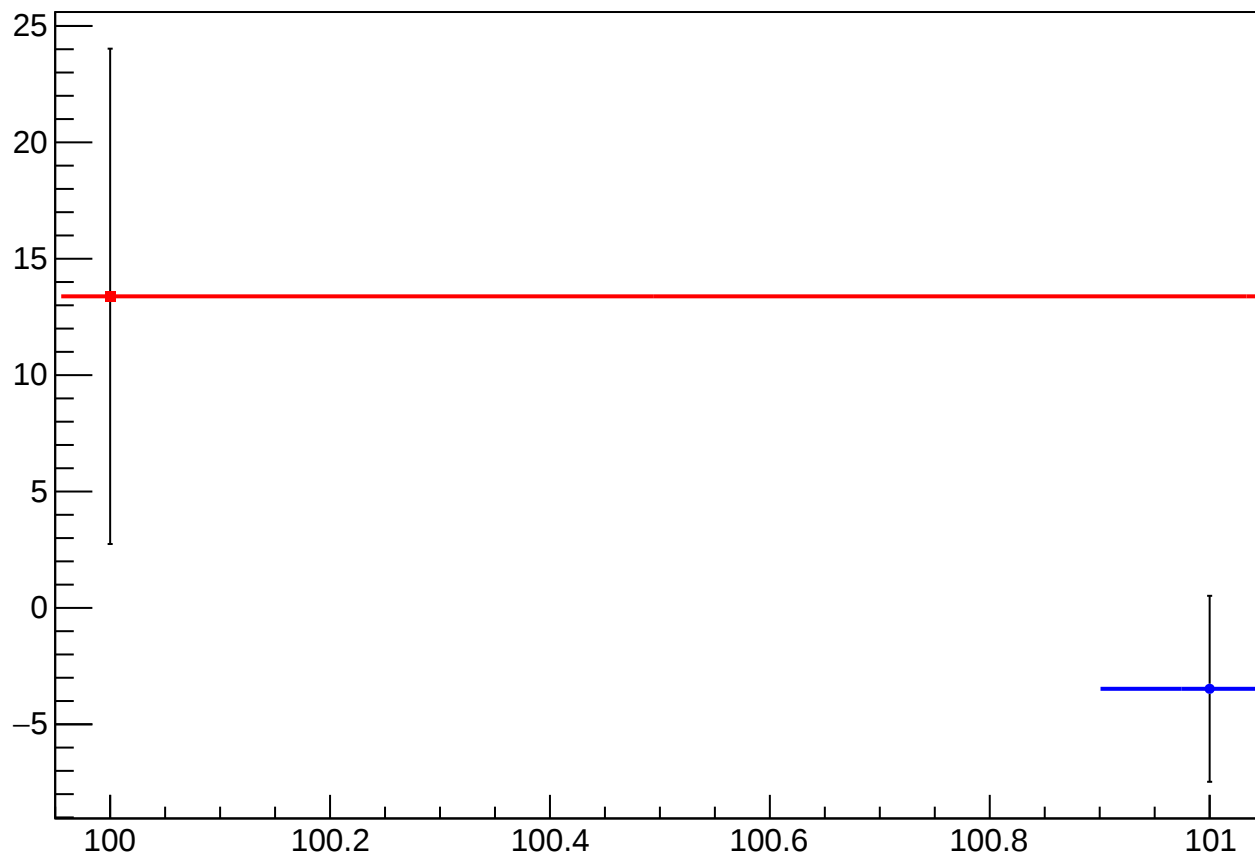
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

11707.856 $\pm$ 10.801 χ^2/NDF : 0.0/0

12001.434 $\pm$ 10.520 χ^2/NDF : 14413.4/1

17435.116 $\pm$ 46.466 χ^2/NDF : 0.0/0

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: -3.475+/-3.995 χ^2/NDF : 0.0/0

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

Right Out: 13.385+/-10.640 χ^2/NDF : 0.0/0

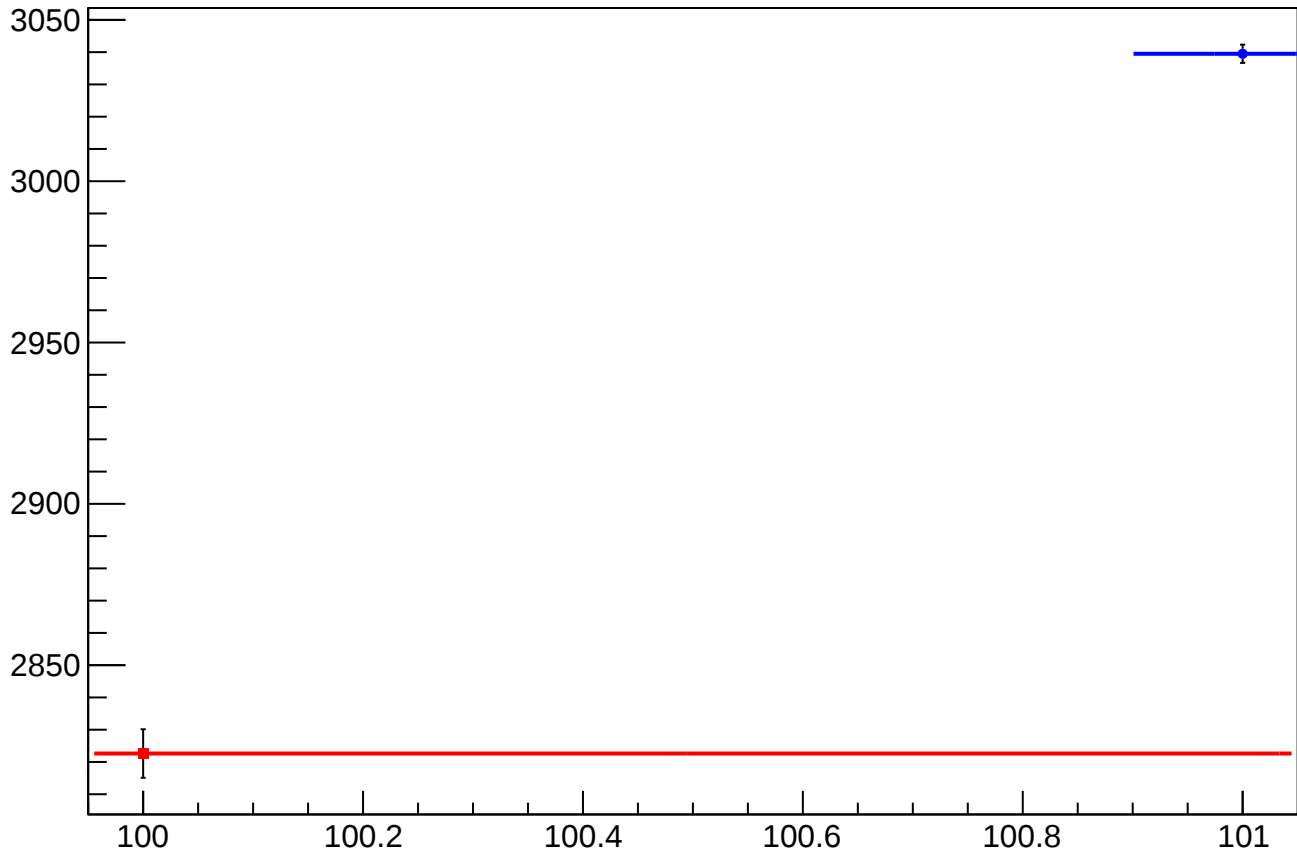
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.475+/-3.995 χ^2/NDF : 0.0/0

-1.392+/-3.740 χ^2/NDF : 2.2/1

13.385+/-10.640 χ^2/NDF : 0.0/0

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3039.497 $\pm$ 2.825 χ^2 /NDF: 0.0/0

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

Right Out: 2822.616 $\pm$ 7.523 χ^2 /NDF: 0.0/0

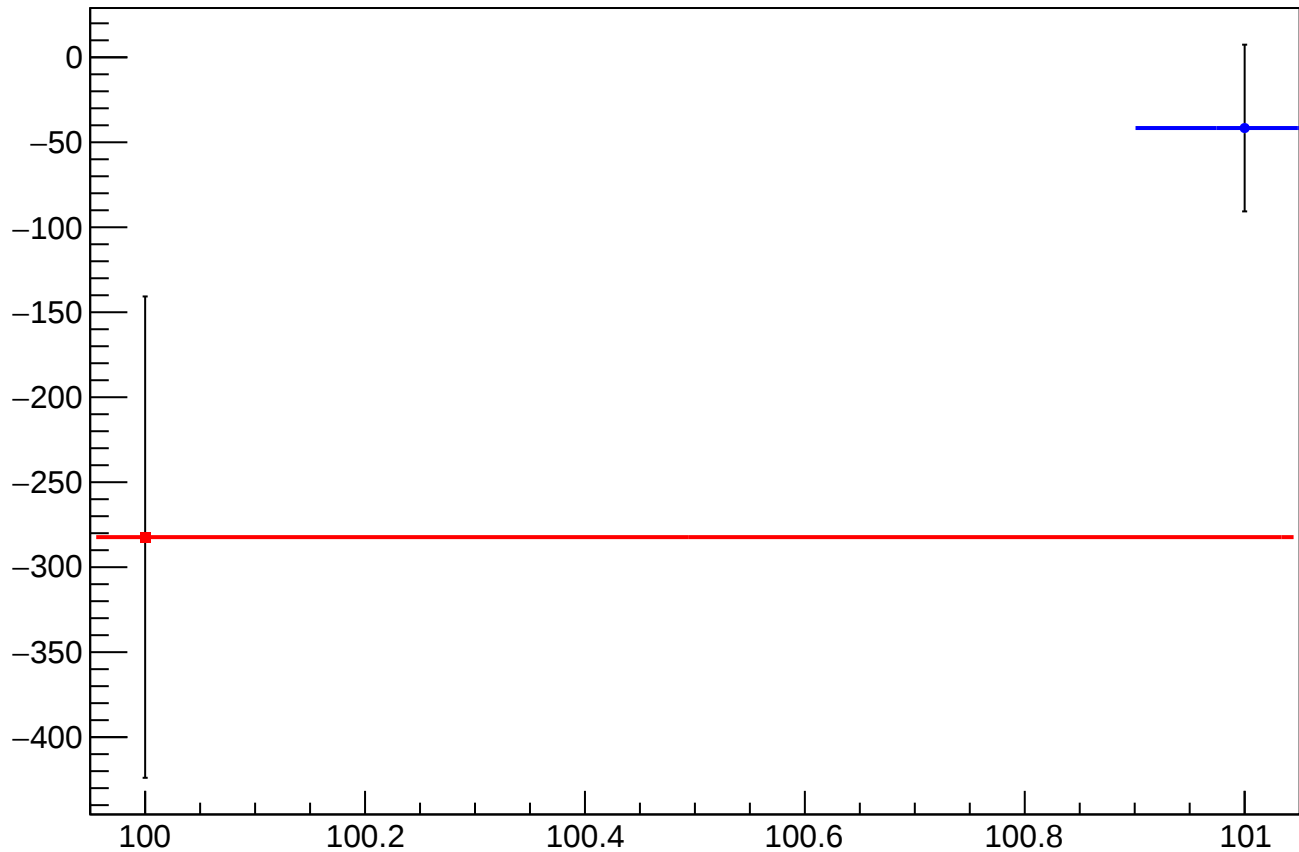
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3039.497 $\pm$ 2.825 χ^2 /NDF: 0.0/0

3012.701 $\pm$ 2.644 χ^2 /NDF: 728.4/1

2822.616 $\pm$ 7.523 χ^2 /NDF: 0.0/0

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -41.612+/-49.047 χ^2 /NDF: 0.0/0

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

Right Out: -282.309+/-141.605 χ^2 /NDF: 0.0/0

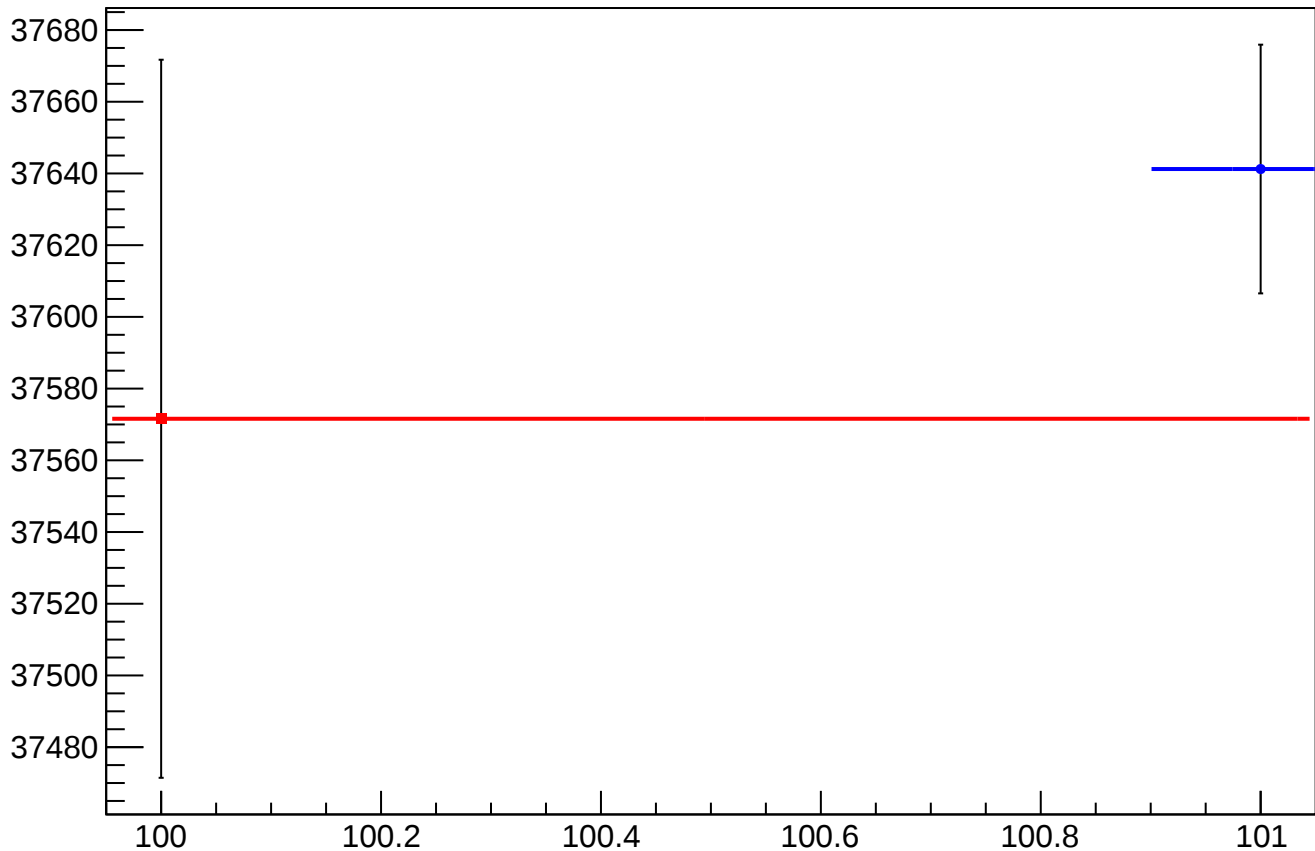
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-41.612+/-49.047 χ^2 /NDF: 0.0/0

-67.394+/-46.346 χ^2 /NDF: 2.6/1

-282.309+/-141.605 χ^2 /NDF: 0.0/0

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 37641.235+/-34.681 χ^2 /NDF: 0.0/0

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

Right Out: 37571.586+/-100.130 χ^2 /NDF: 0.0/0

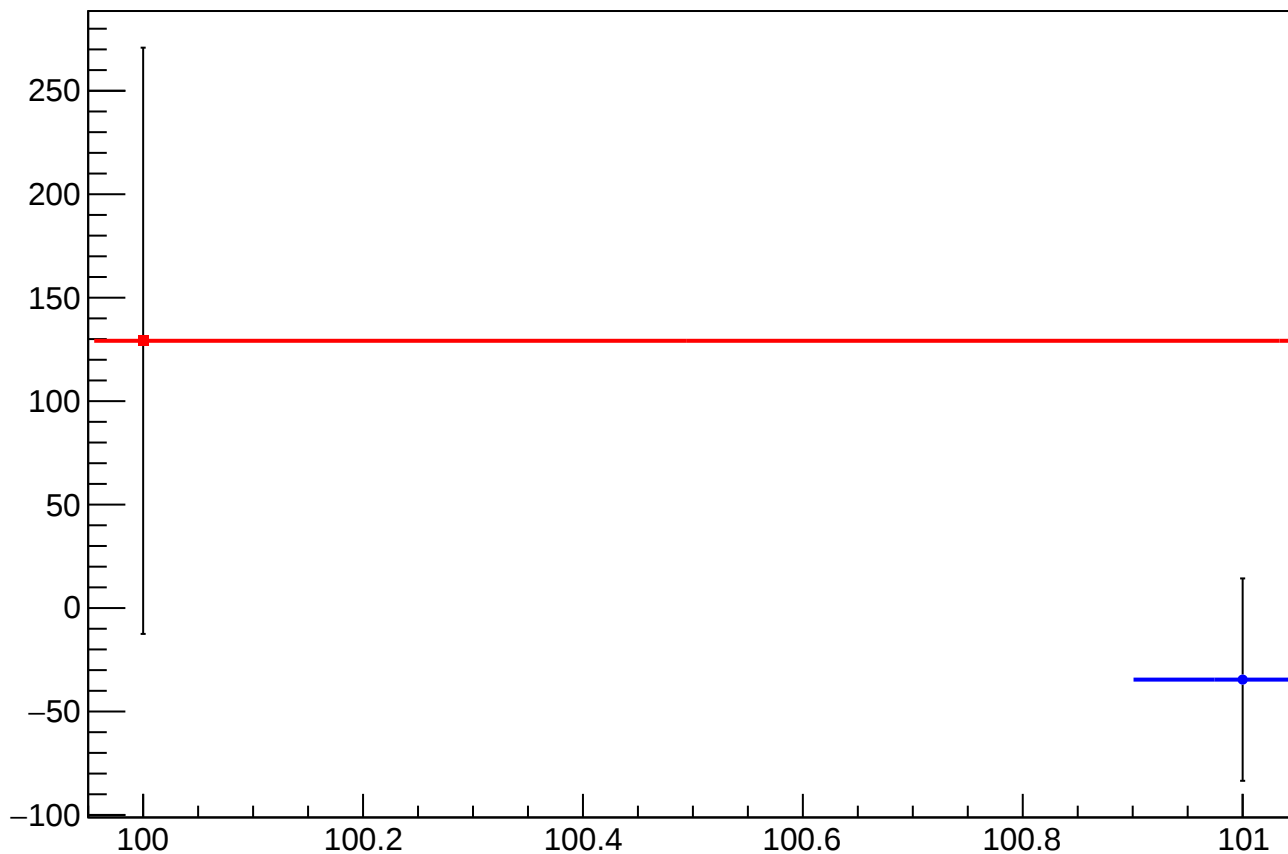
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

37641.235+/-34.681 χ^2 /NDF: 0.0/0

37633.774+/-32.771 χ^2 /NDF: 0.4/1

37571.586+/-100.130 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: -34.584 $\pm$ 48.905 χ^2 /NDF: 0.0/0

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

Right Out: 129.170 $\pm$ 141.669 χ^2 /NDF: 0.0/0

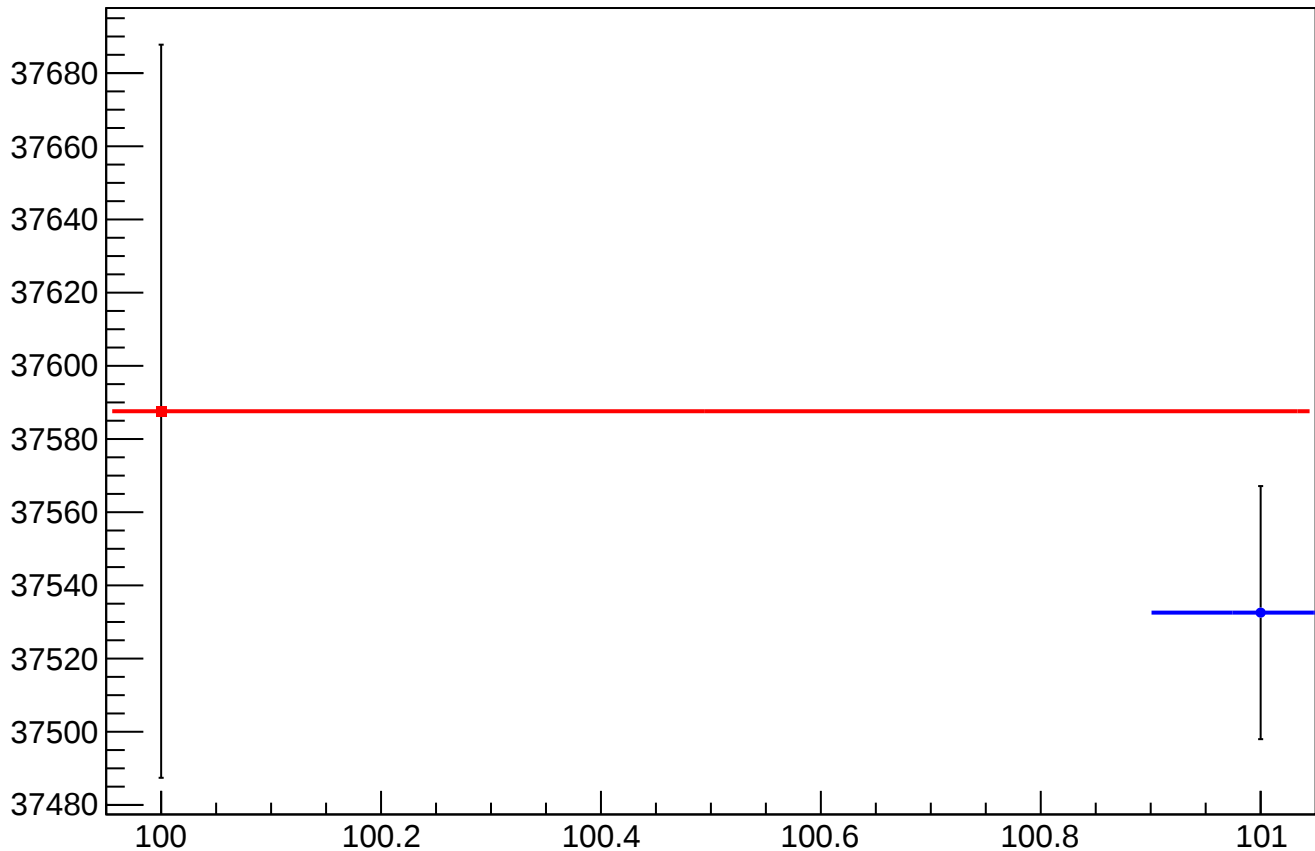
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-34.584 $\pm$ 48.905 χ^2 /NDF: 0.0/0

-17.147 $\pm$ 46.228 χ^2 /NDF: 1.2/1

129.170 $\pm$ 141.669 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 37532.559+/-34.581 χ^2 /NDF: 0.0/0

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

Right Out: 37587.594+/-100.175 χ^2 /NDF: 0.0/0

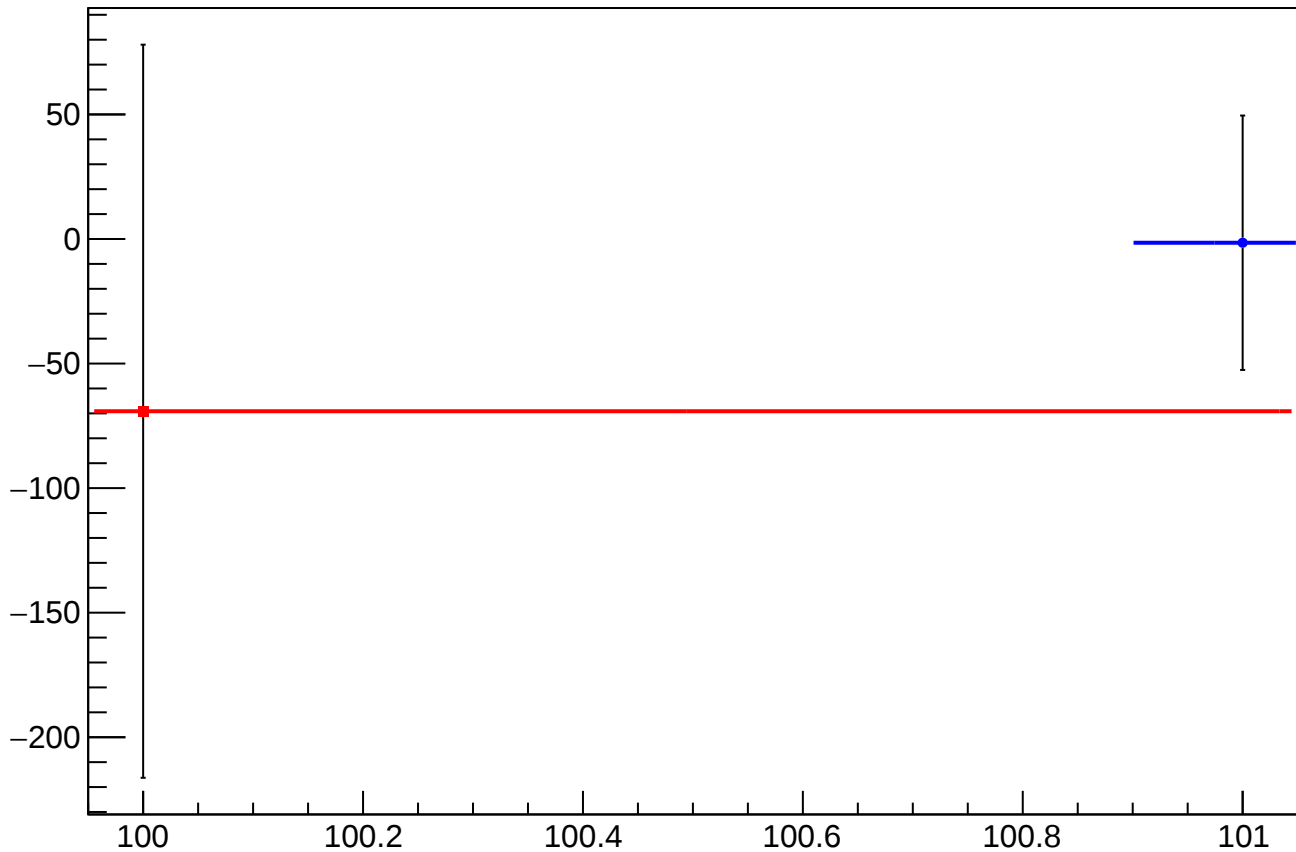
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

37532.559+/-34.581 χ^2 /NDF: 0.0/0

37538.419+/-32.688 χ^2 /NDF: 0.3/1

37587.594+/-100.175 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -1.502+/-51.060 χ^2/NDF : 0.0/0

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

Right Out: -69.138+/-147.145 χ^2/NDF : 0.0/0

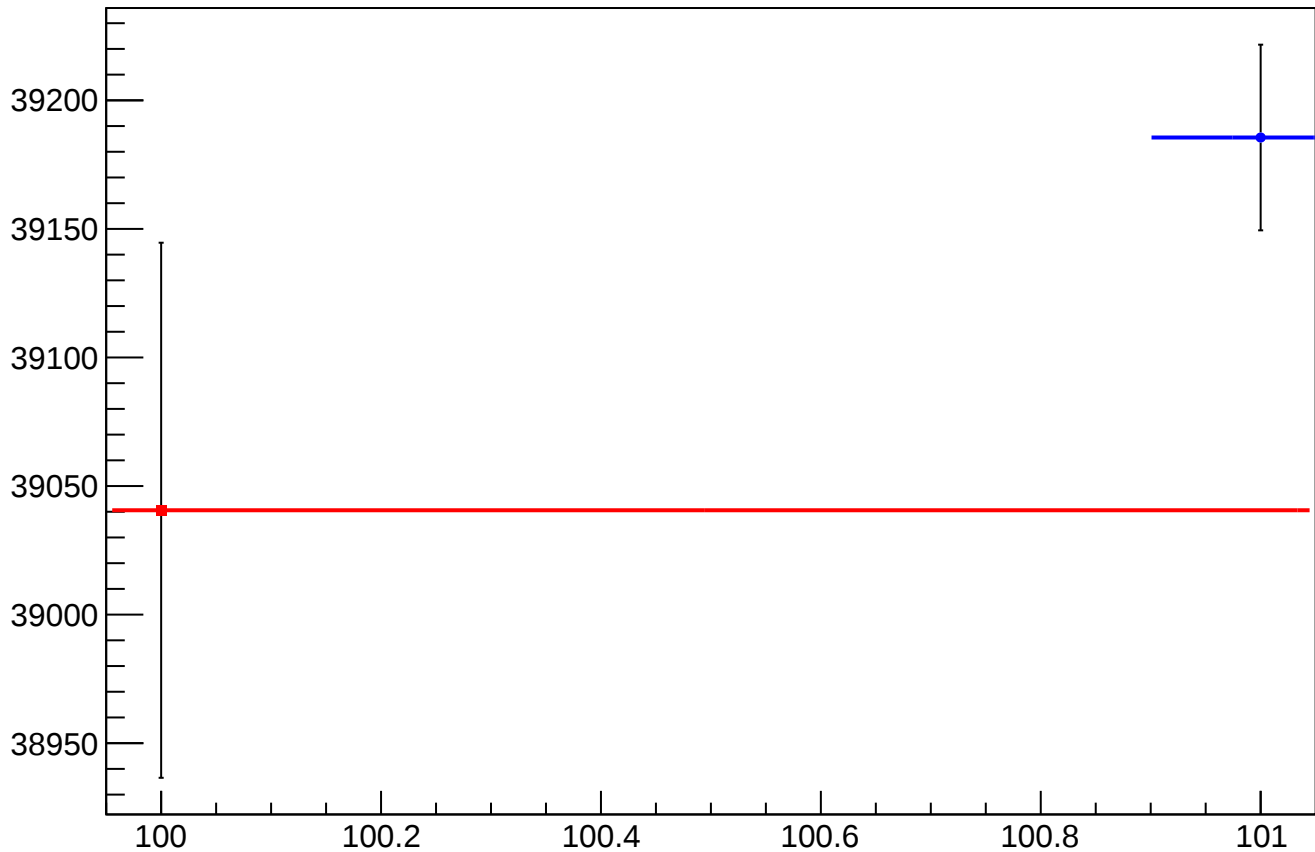
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.502+/-51.060 χ^2/NDF : 0.0/0

-8.771+/-48.238 χ^2/NDF : 0.2/1

-69.138+/-147.145 χ^2/NDF : 0.0/0

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 39185.546 $\pm$ 36.105 χ^2 /NDF: 0.0/0

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

Right Out: 39040.583 $\pm$ -104.047 χ^2 /NDF: 0.0/0

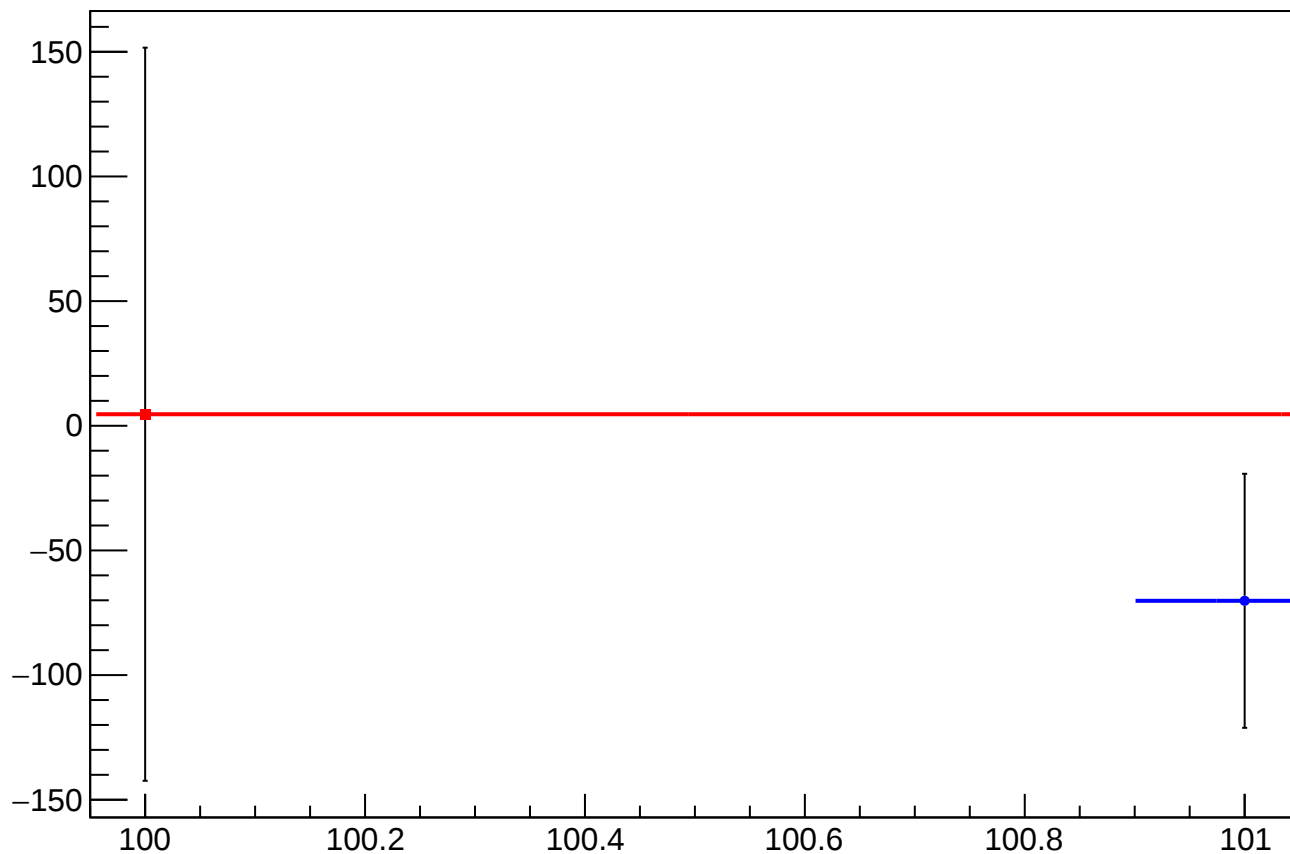
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

39185.546 $\pm$ -36.105 χ^2 /NDF: 0.0/0

39169.967 $\pm$ -34.109 χ^2 /NDF: 1.7/1

39040.583 $\pm$ -104.047 χ^2 /NDF: 0.0/0

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: -70.202 $\pm$ 50.945 χ^2 /NDF: 0.0/0

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

Right Out: 4.629 $\pm$ 147.026 χ^2 /NDF: 0.0/0

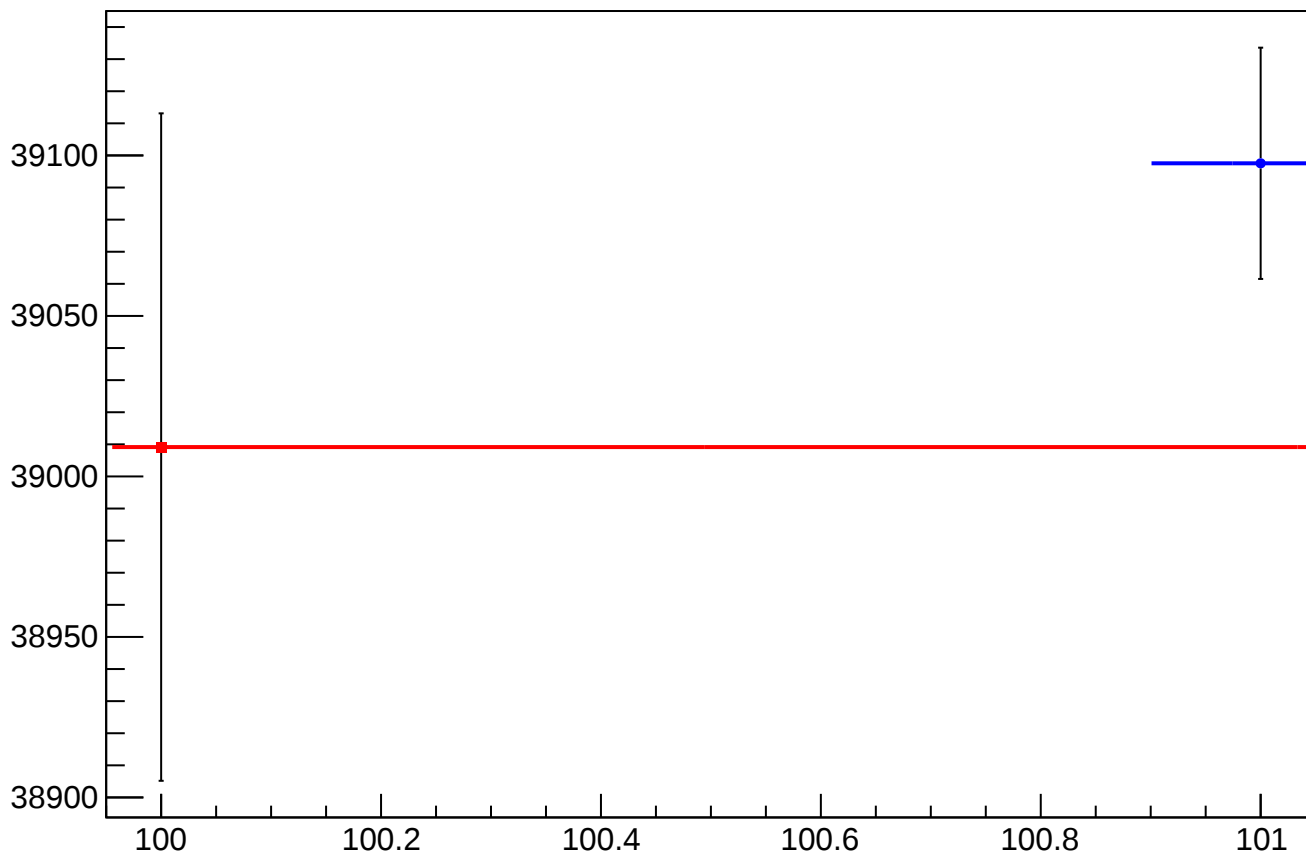
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-70.202 $\pm$ 50.945 χ^2 /NDF: 0.0/0

-62.181 $\pm$ 48.137 χ^2 /NDF: 0.2/1

4.629 $\pm$ 147.026 χ^2 /NDF: 0.0/0

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 39097.548 $\pm$ 36.023 χ^2 /NDF: 0.0/0

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

Right Out: 39009.147 $\pm$ 103.963 χ^2 /NDF: 0.0/0

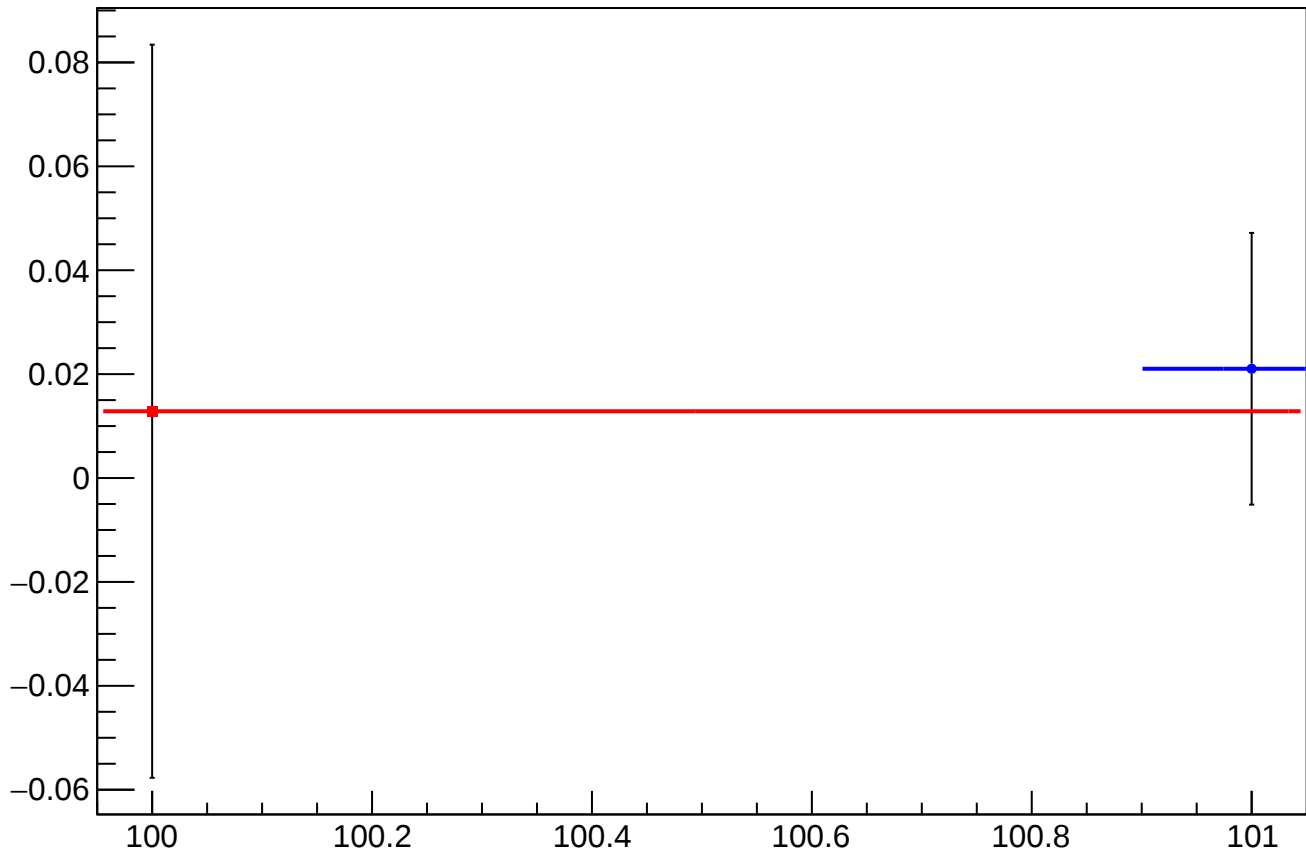
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

39097.548 $\pm$ 36.023 χ^2 /NDF: 0.0/0

39088.072 $\pm$ 34.038 χ^2 /NDF: 0.6/1

39009.147 $\pm$ 103.963 χ^2 /NDF: 0.0/0

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.026 χ^2 /NDF: 0.0/0

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

Right Out: 0.013 $\pm$ 0.071 χ^2 /NDF: 0.0/0

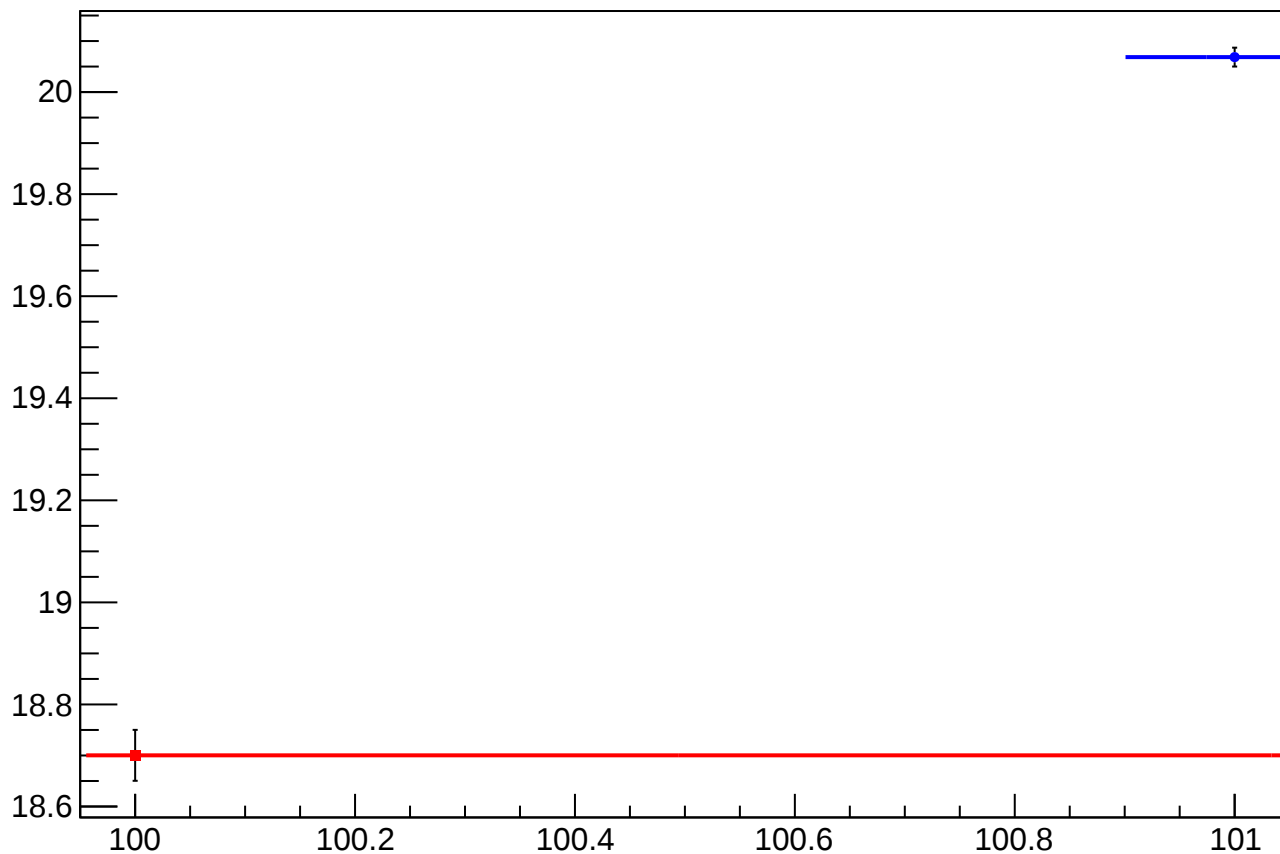
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.021 $\pm$ 0.026 χ^2 /NDF: 0.0/0

0.020 $\pm$ 0.025 χ^2 /NDF: 0.0/1

0.013 $\pm$ 0.071 χ^2 /NDF: 0.0/0

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 20.069 $\pm$ 0.018 χ^2/NDF : 0.0/0

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

Right Out: 18.700 $\pm$ 0.050 χ^2/NDF : 0.0/0

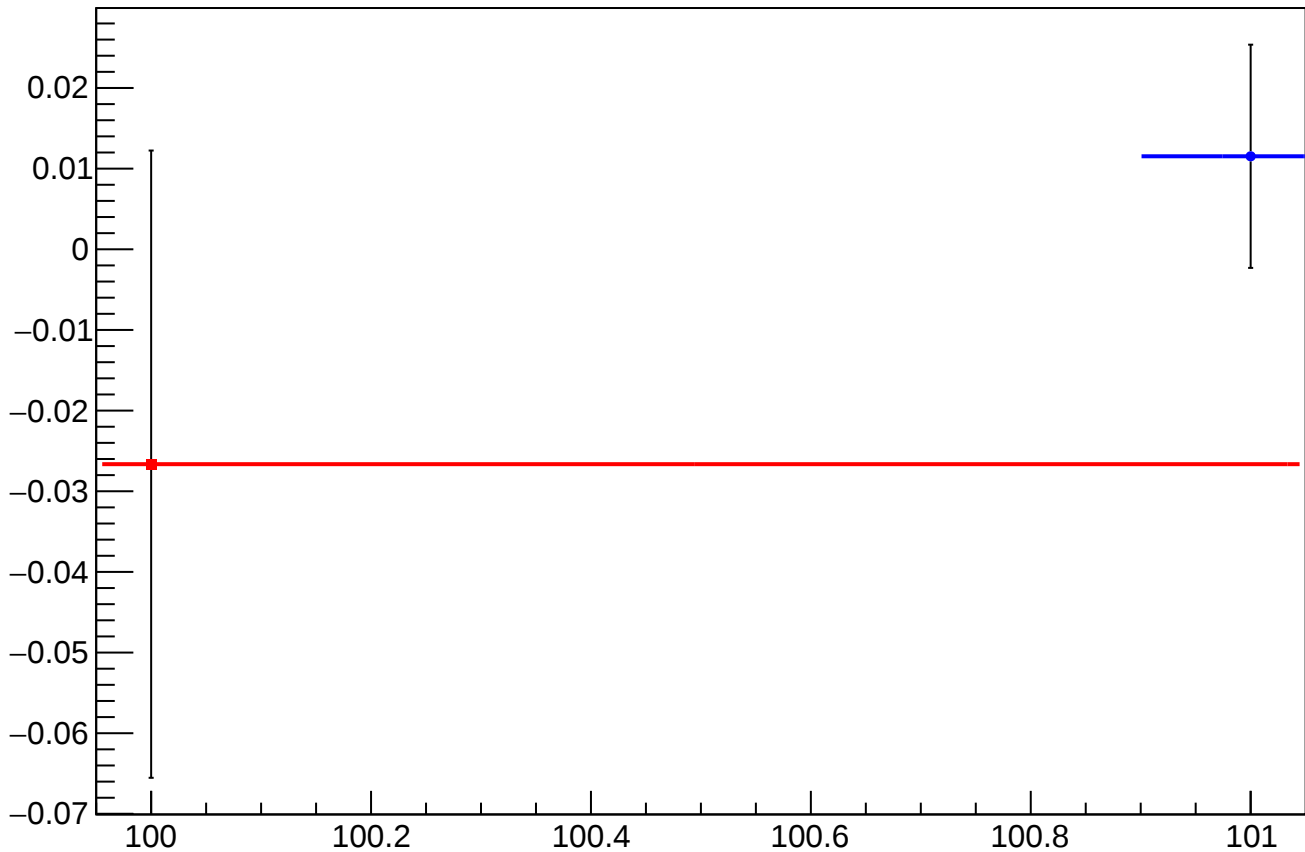
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

20.069 $\pm$ 0.018 χ^2/NDF : 0.0/0

19.903 $\pm$ 0.017 χ^2/NDF : 661.2/1

18.700 $\pm$ 0.050 χ^2/NDF : 0.0/0

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 0.0/0

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

Right Out: -0.027 $\pm$ 0.039 χ^2 /NDF: 0.0/0

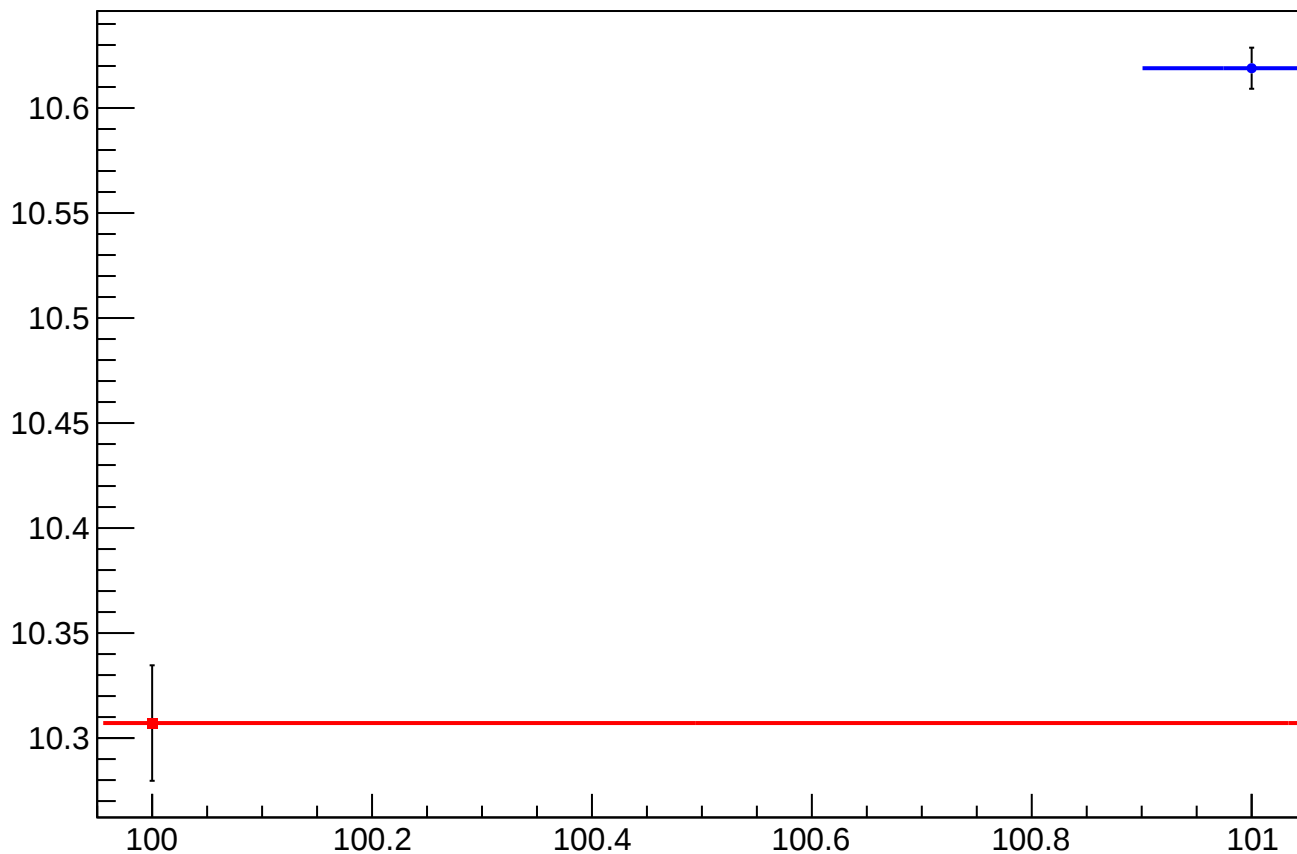
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.012 $\pm$ 0.014 χ^2 /NDF: 0.0/0

0.007 $\pm$ 0.013 χ^2 /NDF: 0.9/1

-0.027 $\pm$ 0.039 χ^2 /NDF: 0.0/0

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 10.619 $\pm$ 0.010 χ^2/NDF : 0.0/0

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

Right Out: 10.307 $\pm$ 0.027 χ^2/NDF : 0.0/0

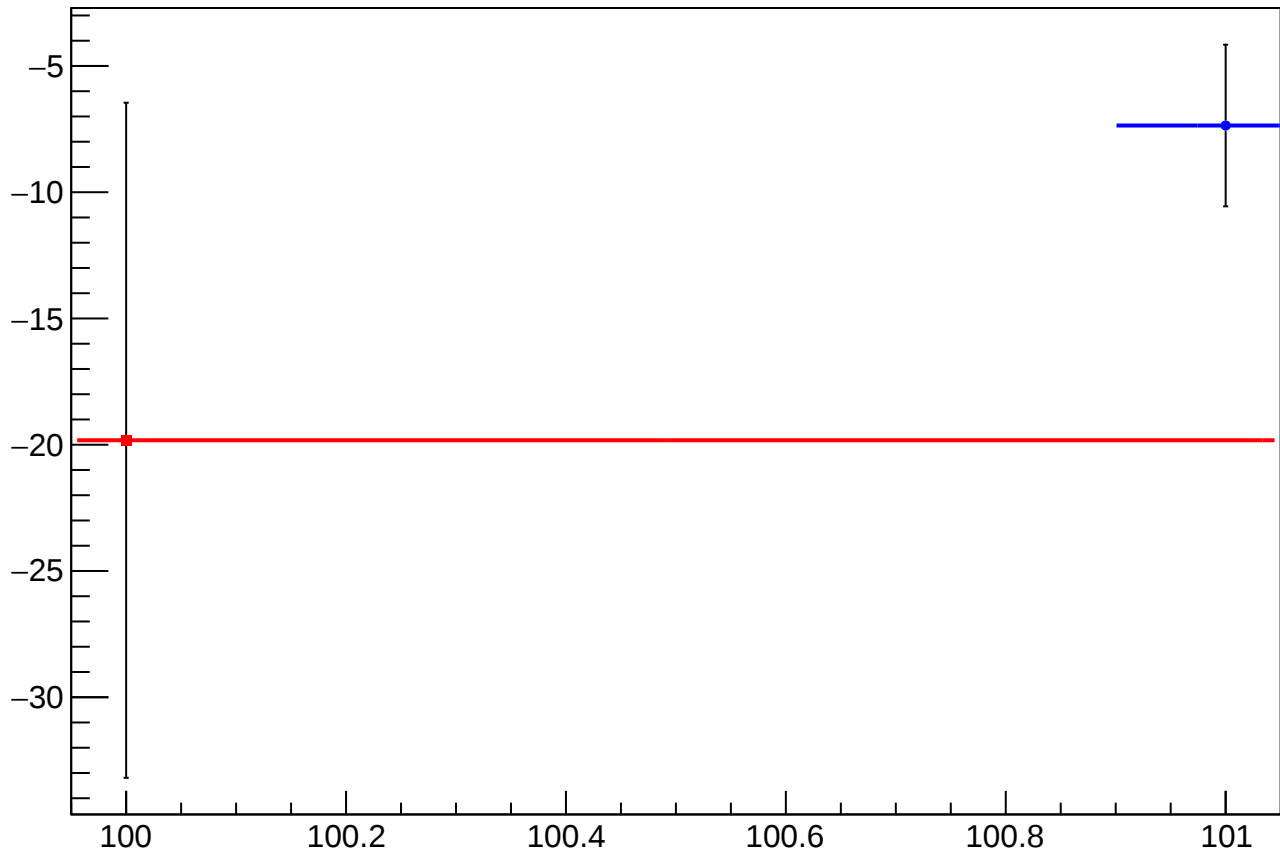
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

10.619 $\pm$ 0.010 χ^2/NDF : 0.0/0

10.584 $\pm$ 0.009 χ^2/NDF : 114.1/1

10.307 $\pm$ 0.027 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -7.358+/-3.201 χ^2/NDF : 0.0/0

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

Right Out: -19.823+/-13.368 χ^2/NDF : 0.0/0

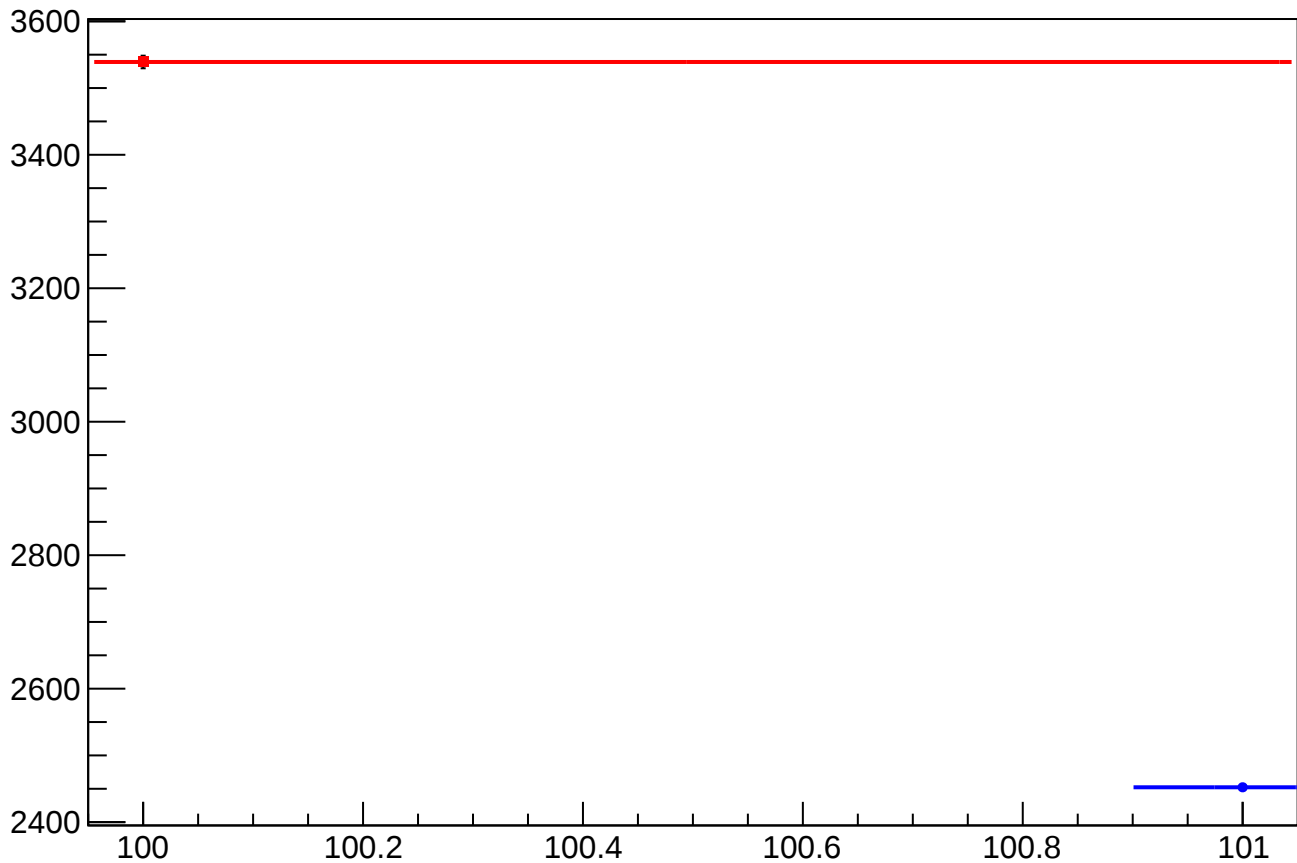
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.358+/-3.201 χ^2/NDF : 0.0/0

-8.034+/-3.113 χ^2/NDF : 0.8/1

-19.823+/-13.368 χ^2/NDF : 0.0/0

diff_cav4cX_rms vs Slug, Sign Corrected



Right In: 2452.237 $\pm$ 2.264 χ^2/NDF : 0.0/0

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

Right Out: 3539.062 $\pm$ 9.452 χ^2/NDF : 0.0/0

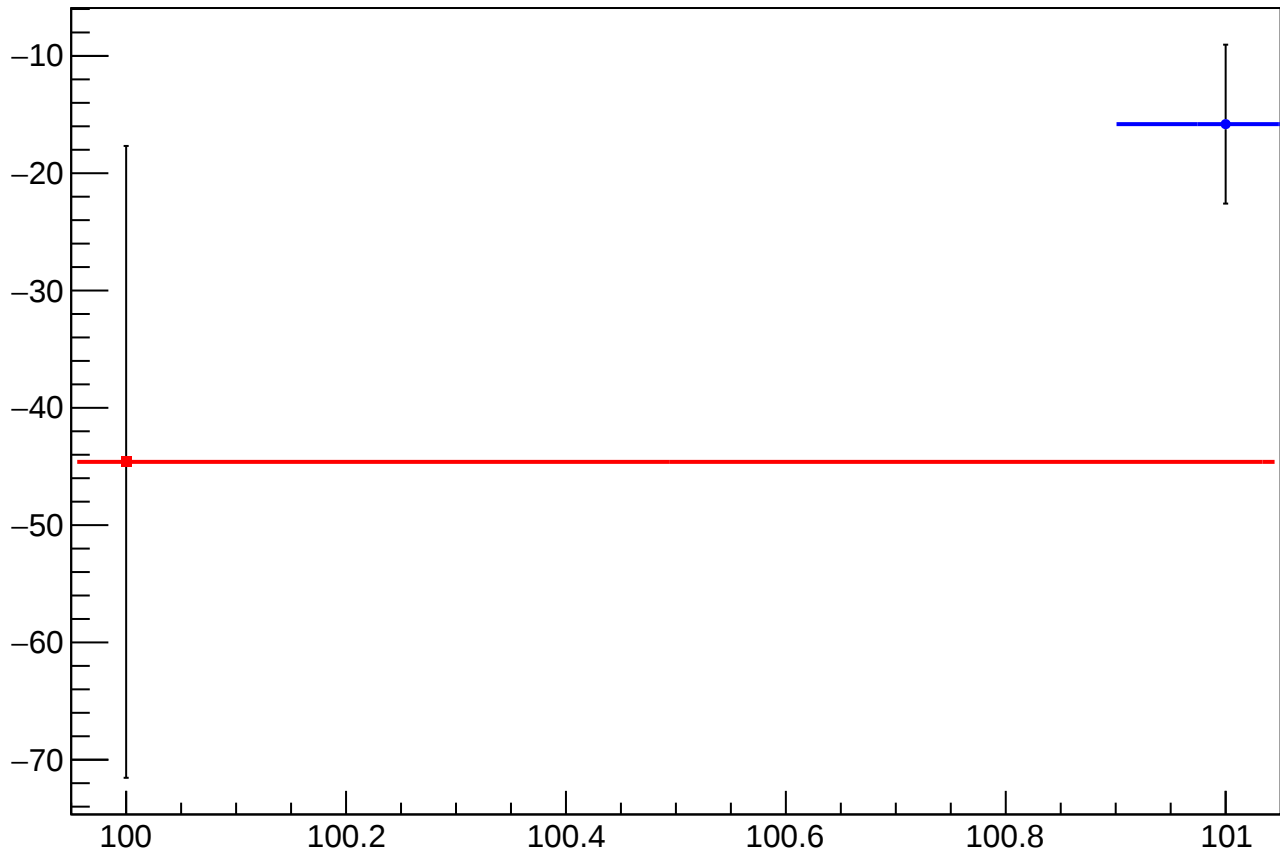
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2452.237 $\pm$ 2.264 χ^2/NDF : 0.0/0

2511.191 $\pm$ 2.201 χ^2/NDF : 12503.3/1

3539.062 $\pm$ 9.452 χ^2/NDF : 0.0/0

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -15.814 $\pm$ 6.774 χ^2 /NDF: 0.0/0

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

Right Out: -44.607 $\pm$ 26.933 χ^2 /NDF: 0.0/0

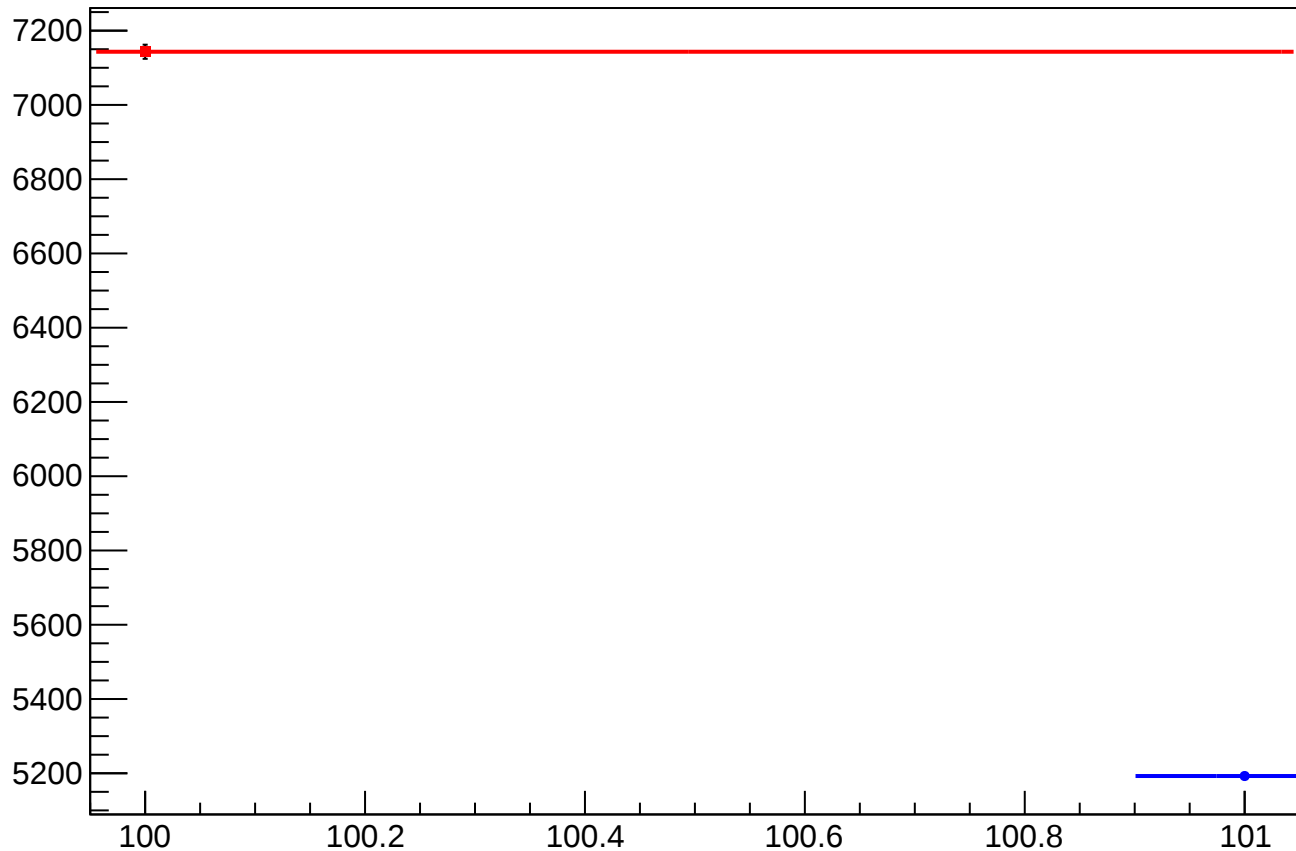
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-15.814 $\pm$ 6.774 χ^2 /NDF: 0.0/0

-17.528 $\pm$ 6.569 χ^2 /NDF: 1.1/1

-44.607 $\pm$ 26.933 χ^2 /NDF: 0.0/0

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 5192.601 $\pm$ 4.790 χ^2/NDF : 0.0/0

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

Right Out: 7143.213 $\pm$ 19.044 χ^2/NDF : 0.0/0

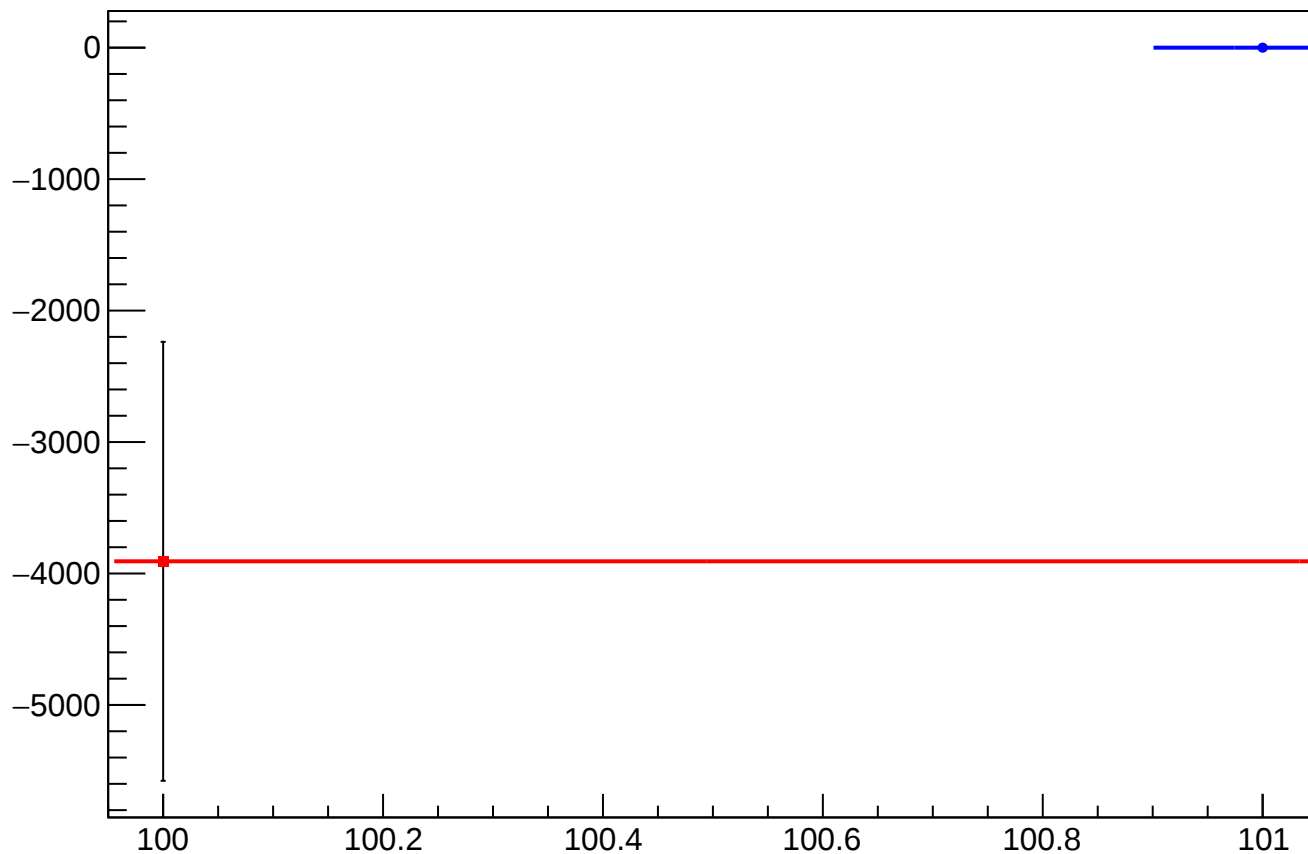
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5192.601 $\pm$ 4.790 χ^2/NDF : 0.0/0

5308.656 $\pm$ 4.645 χ^2/NDF : 9866.5/1

7143.213 $\pm$ 19.044 χ^2/NDF : 0.0/0

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.022 χ^2/NDF : 0.0/0

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

Right Out: -3907.221+/-1669.642 χ^2/NDF : 0.0/0

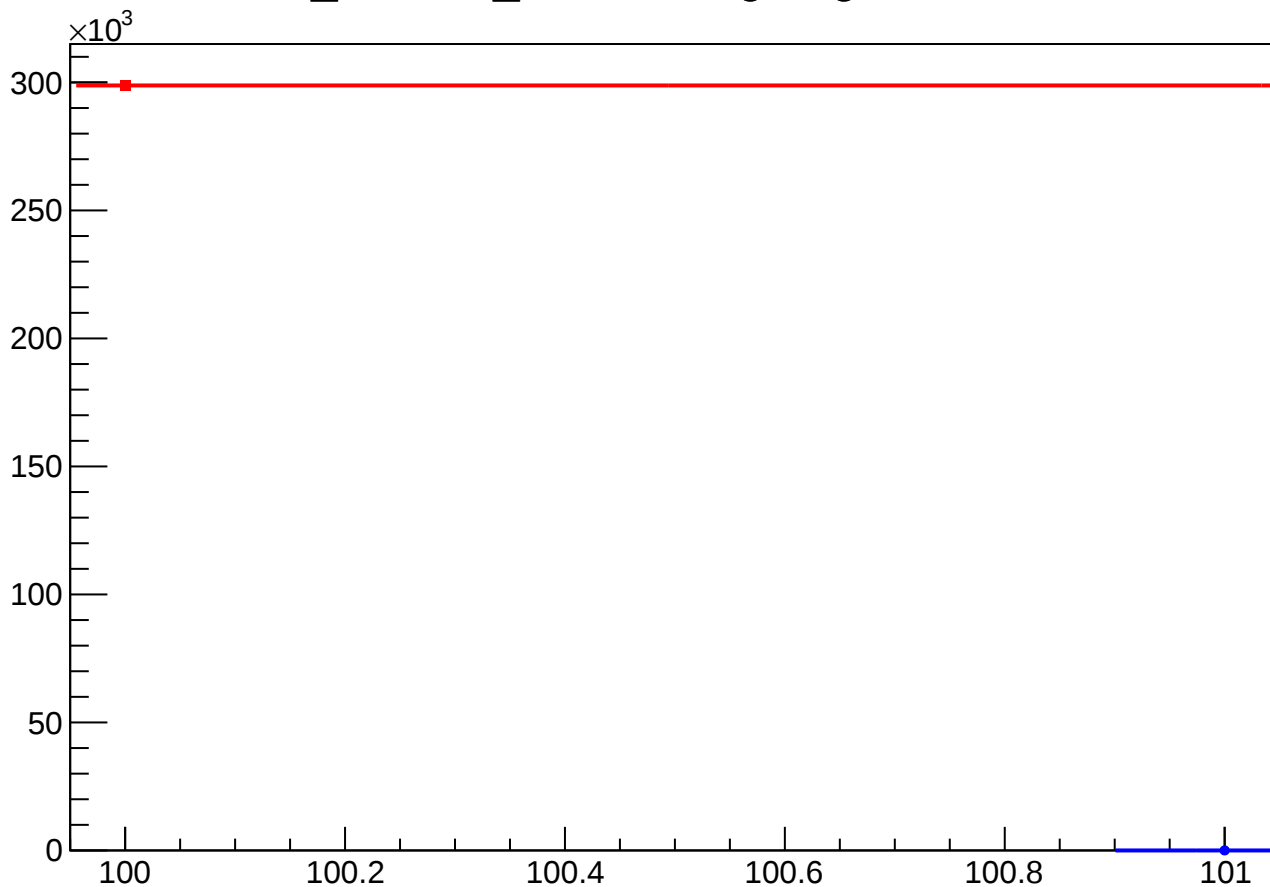
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.016+/-0.022 χ^2/NDF : 0.0/0

-0.016+/-0.022 χ^2/NDF : 5.5/1

-3907.221+/-1669.642 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 16.999 $\pm$ 0.016 χ^2/NDF : 0.0/0

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

Right Out: 298817.756 $\pm$ 1186.070 χ^2/NDF : 0.0/0

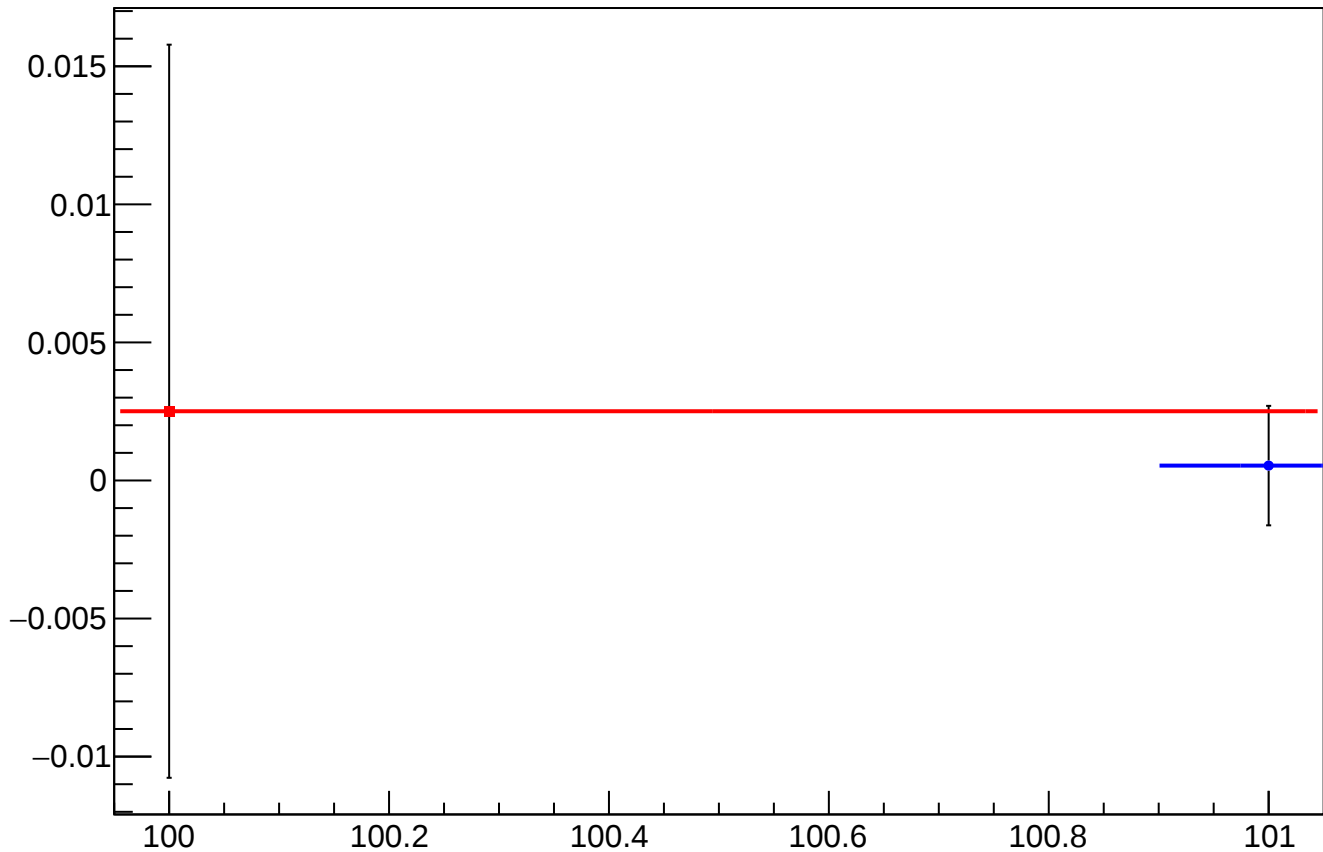
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

16.999 $\pm$ 0.016 χ^2/NDF : 0.0/0

16.999 $\pm$ 0.016 χ^2/NDF : 63466.2/1

298817.756 $\pm$ 1186.070 χ^2/NDF : 0.0/0

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.002 χ^2 /NDF: 0.0/0

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

Right Out: 0.003 $\pm$ 0.013 χ^2 /NDF: 0.0/0

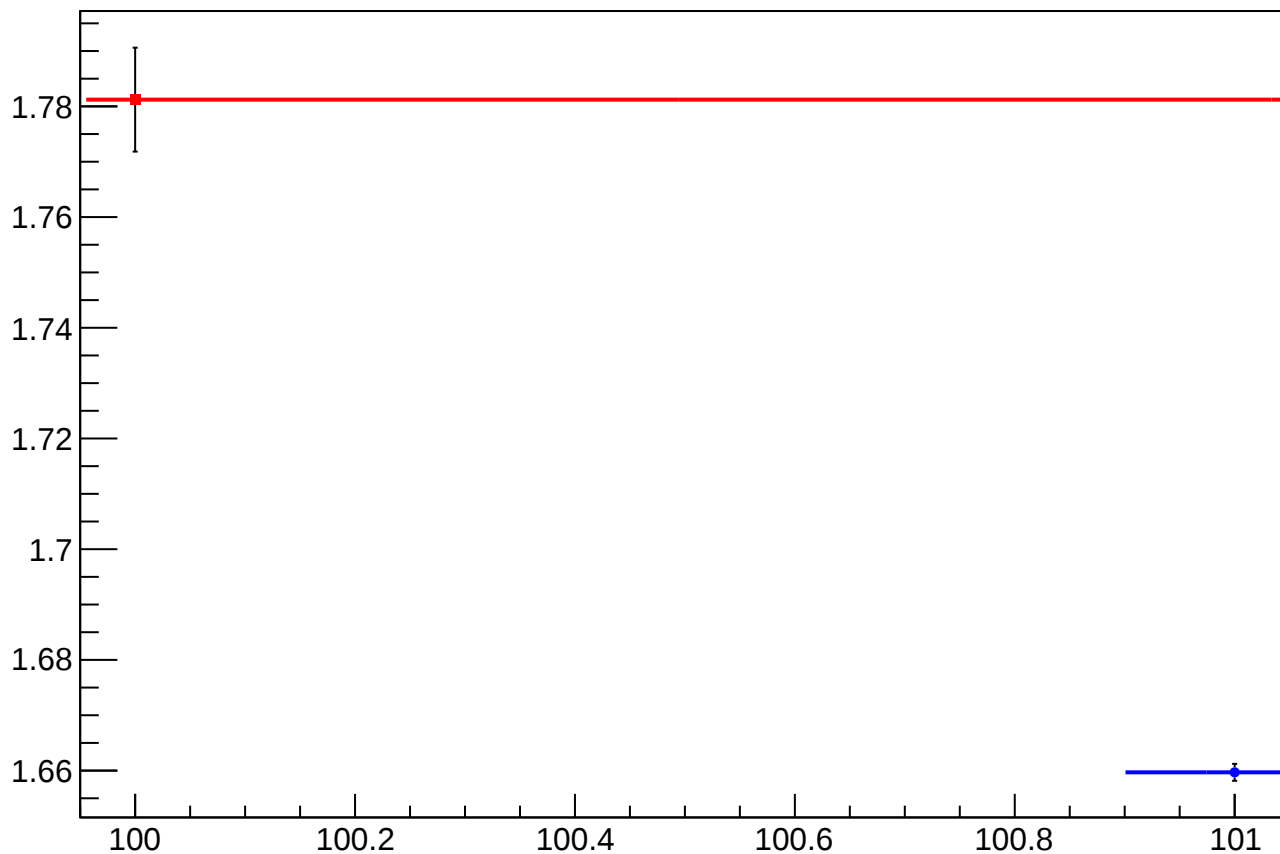
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.001 $\pm$ 0.002 χ^2 /NDF: 0.0/0

0.001 $\pm$ 0.002 χ^2 /NDF: 0.0/1

0.003 $\pm$ 0.013 χ^2 /NDF: 0.0/0

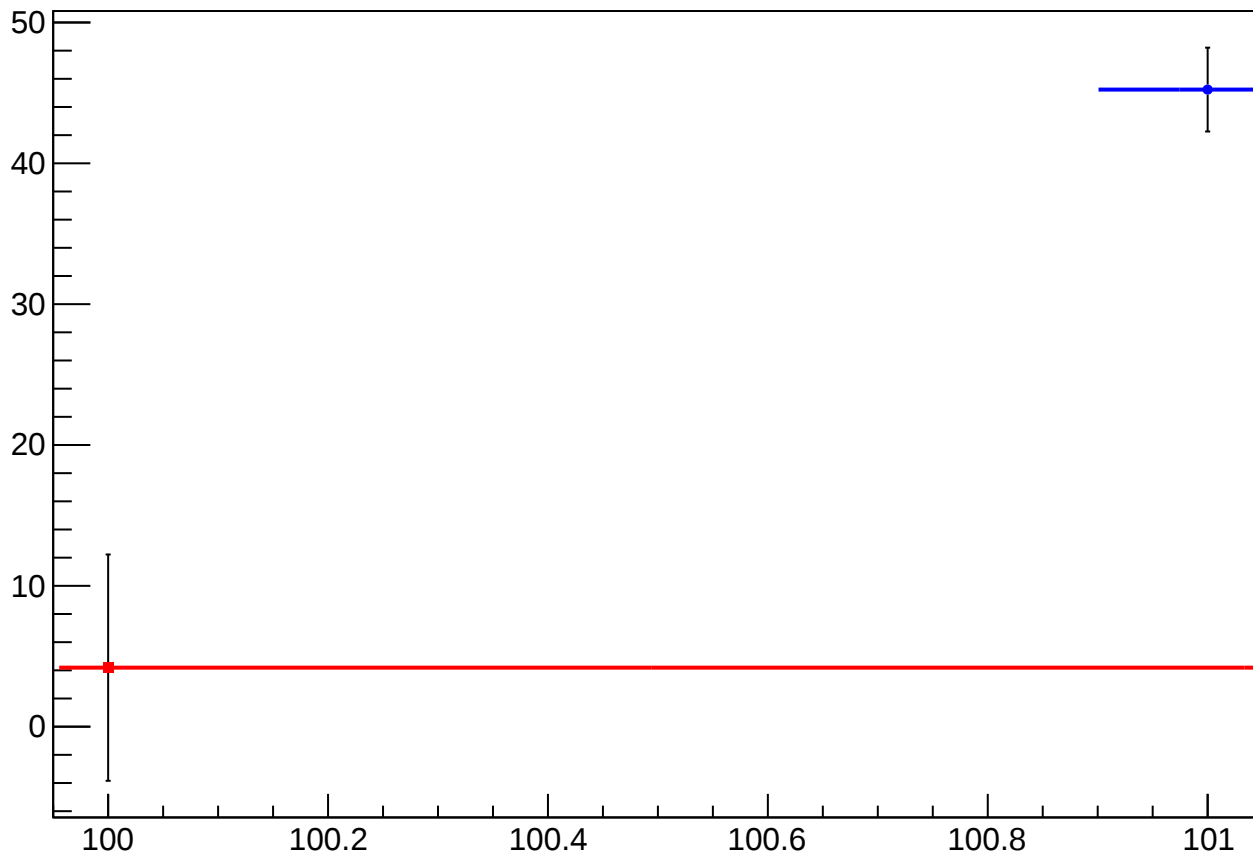
diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 1.660 $\pm$ 0.002 χ^2/NDF : 0.0/0
Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
Right Out: 1.781 $\pm$ 0.009 χ^2/NDF : 0.0/0
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1.660 $\pm$ 0.002 χ^2/NDF : 0.0/0
1.663 $\pm$ 0.002 χ^2/NDF : 163.3/1
1.781 $\pm$ 0.009 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 45.236+/-2.976 χ^2/NDF : 0.0/0

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

Right Out: 4.192+/-8.035 χ^2/NDF : 0.0/0

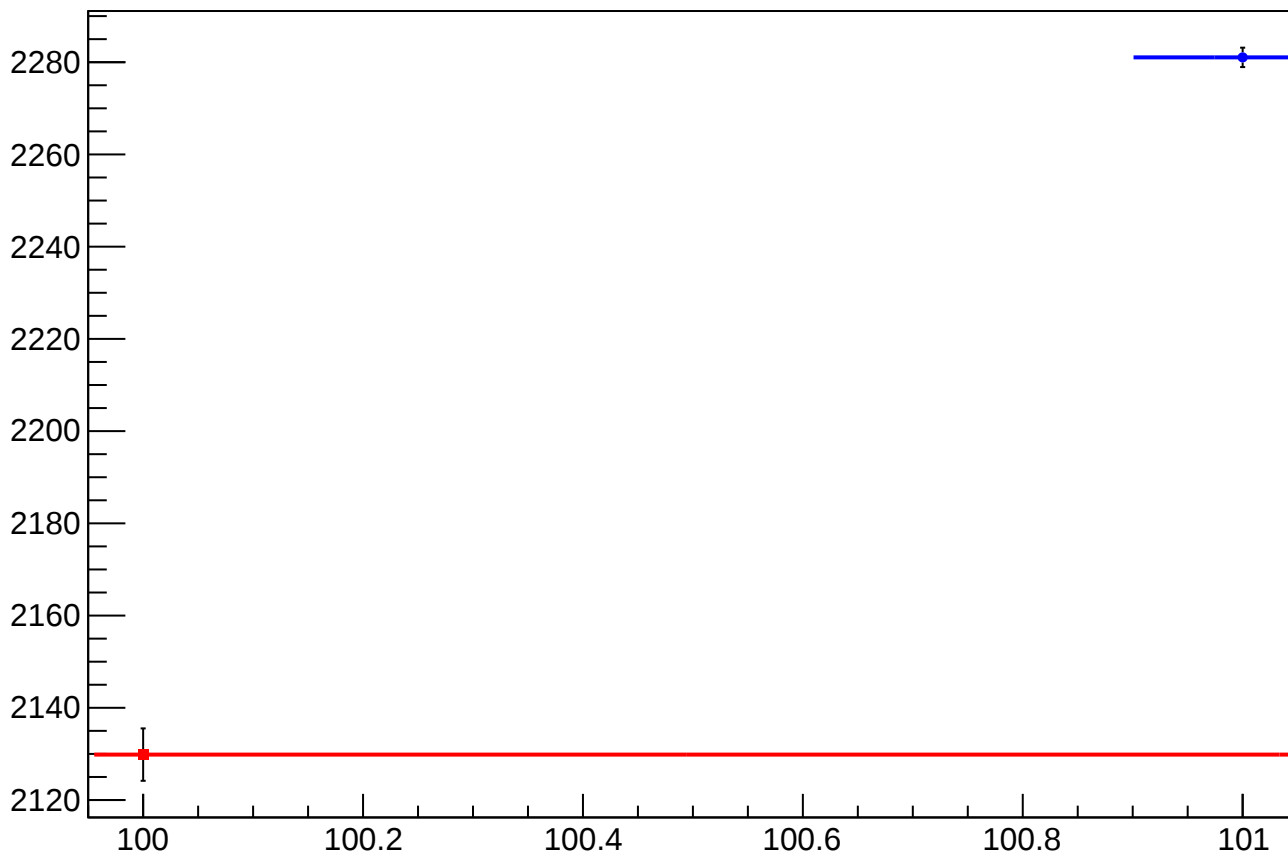
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

45.236+/-2.976 χ^2/NDF : 0.0/0

40.284+/-2.791 χ^2/NDF : 22.9/1

4.192+/-8.035 χ^2/NDF : 0.0/0

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2281.049 $\pm$ 2.104 χ^2/NDF : 0.0/0

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

Right Out: 2129.852 $\pm$ 5.681 χ^2/NDF : 0.0/0

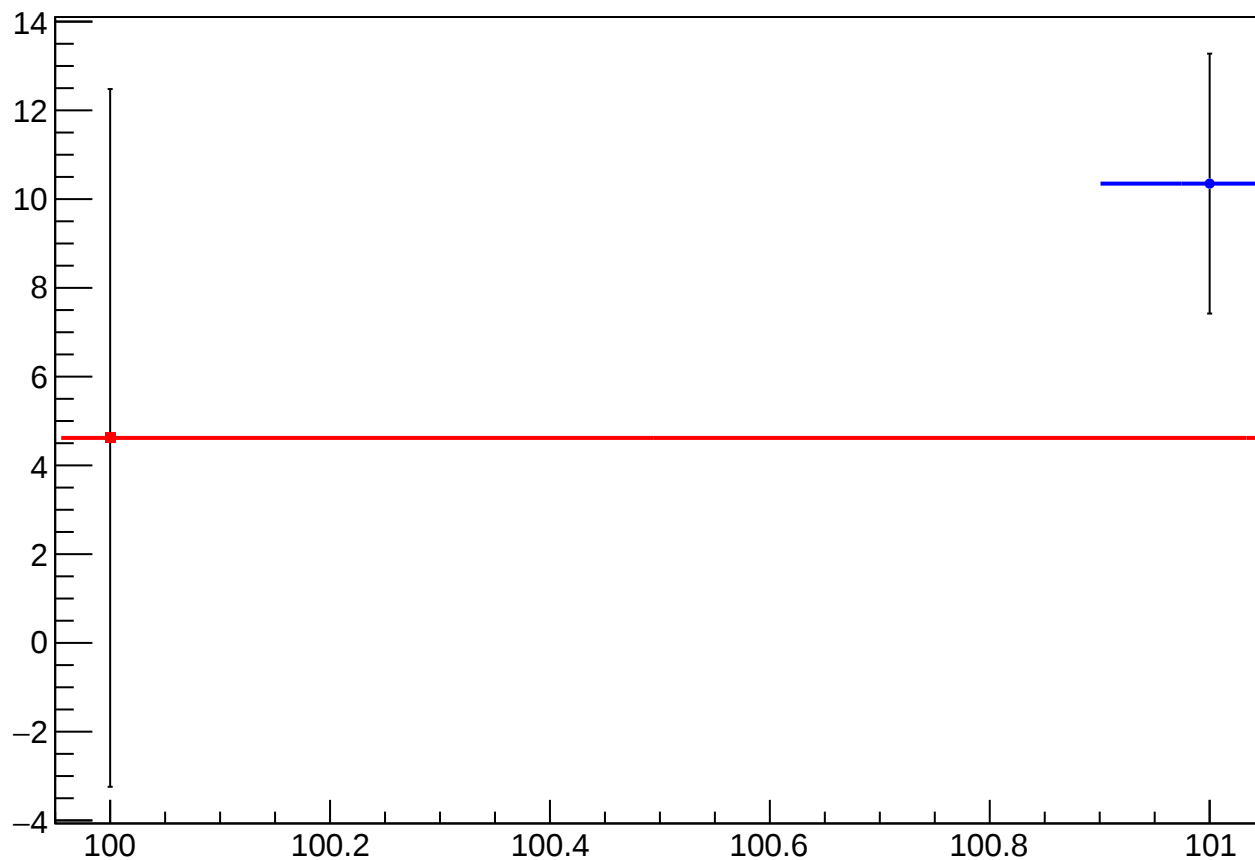
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2281.049 $\pm$ 2.104 χ^2/NDF : 0.0/0

2262.808 $\pm$ 1.973 χ^2/NDF : 622.8/1

2129.852 $\pm$ 5.681 χ^2/NDF : 0.0/0

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 10.349+/-2.928 χ^2/NDF : 0.0/0

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

Right Out: 4.619+/-7.861 χ^2/NDF : 0.0/0

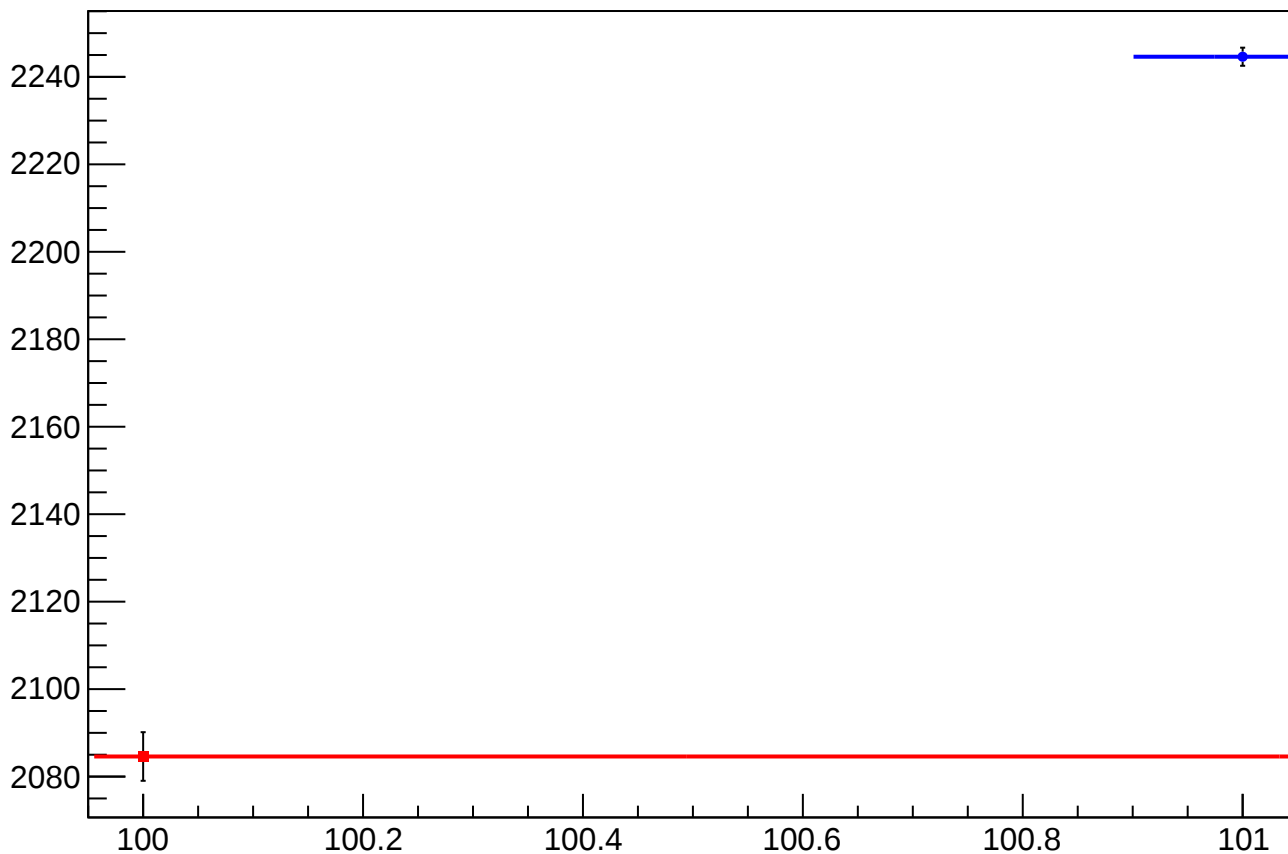
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.349+/-2.928 χ^2/NDF : 0.0/0

9.651+/-2.744 χ^2/NDF : 0.5/1

4.619+/-7.861 χ^2/NDF : 0.0/0

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2244.608 $\pm$ 2.070 χ^2 /NDF: 0.0/0

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

Right Out: 2084.596 $\pm$ 5.559 χ^2 /NDF: 0.0/0

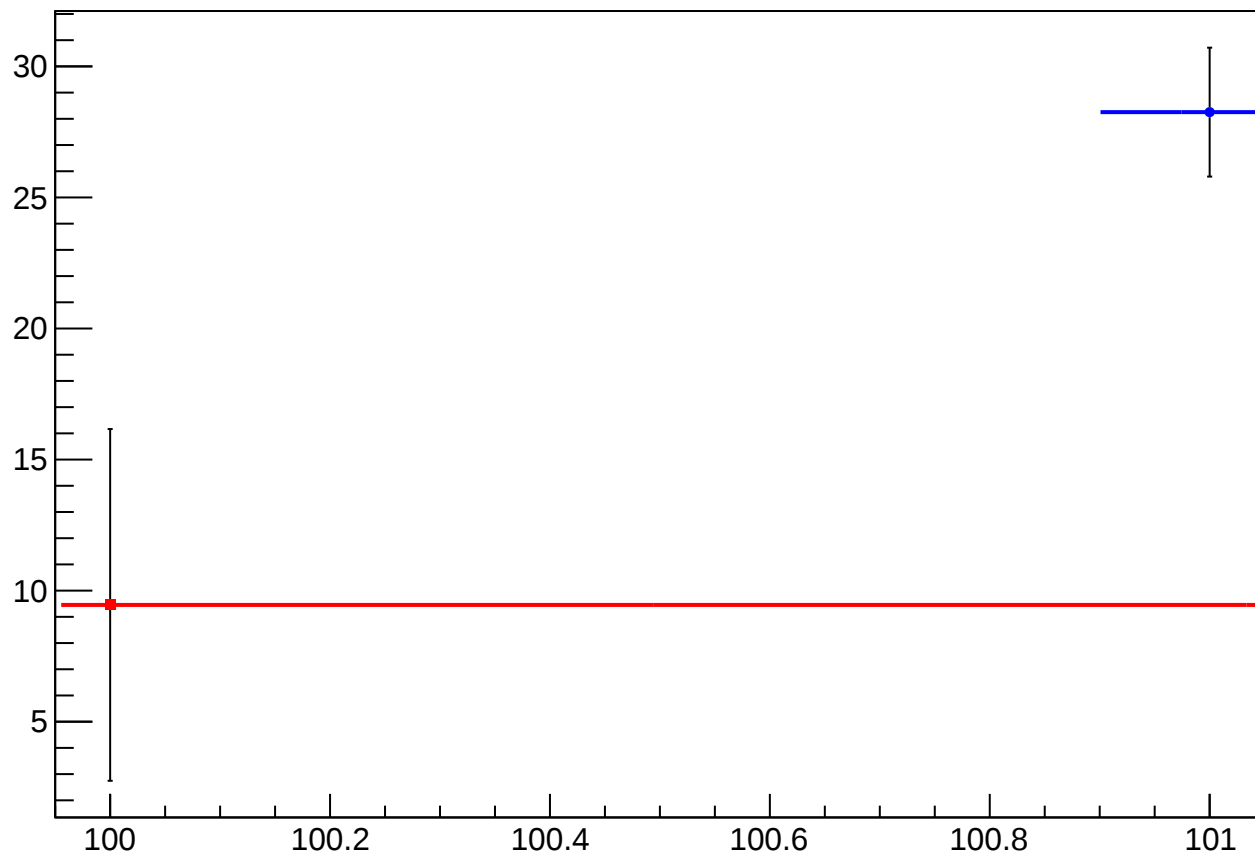
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2244.608 $\pm$ 2.070 χ^2 /NDF: 0.0/0

2225.115 $\pm$ 1.940 χ^2 /NDF: 727.7/1

2084.596 $\pm$ 5.559 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 28.255+/-2.459 χ^2 /NDF: 0.0/0

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

Right Out: 9.455+/-6.710 χ^2 /NDF: 0.0/0

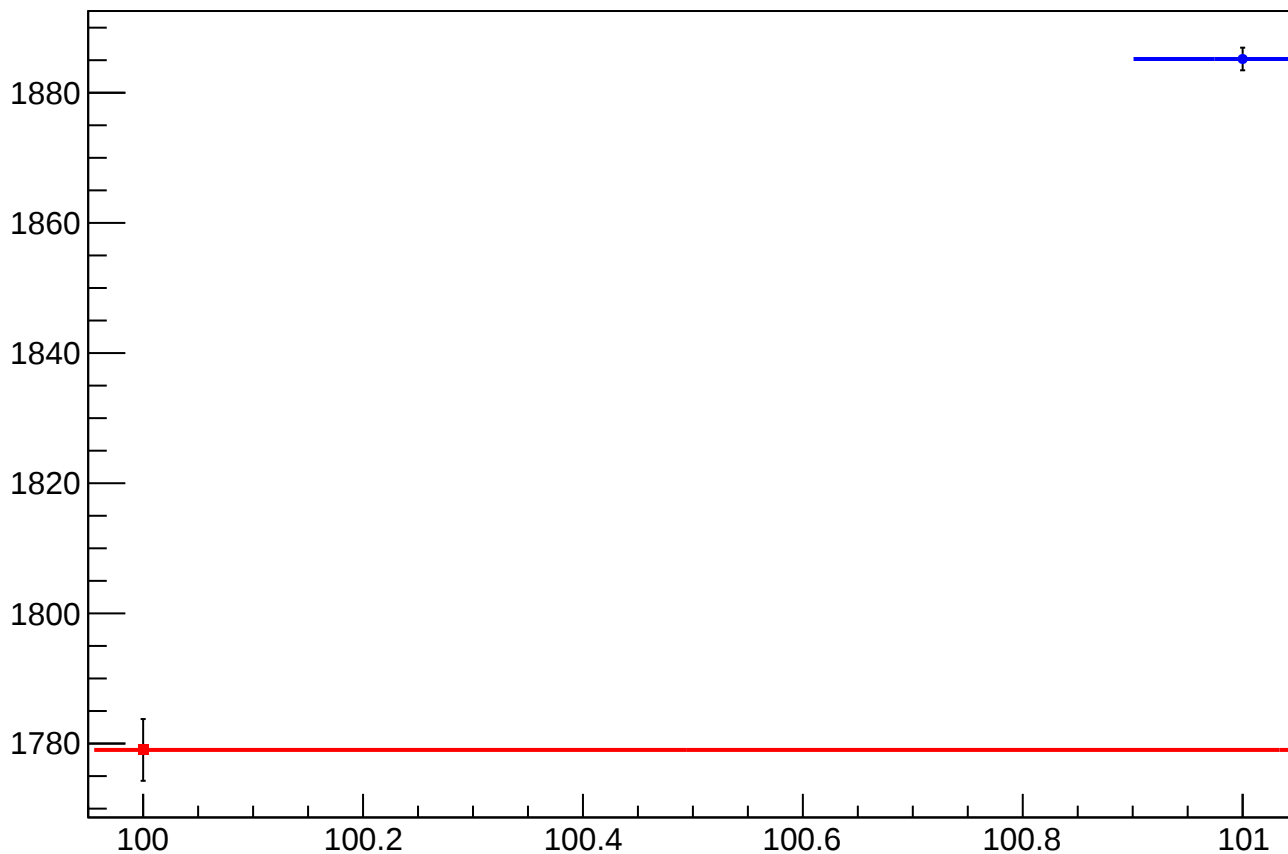
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

28.255+/-2.459 χ^2 /NDF: 0.0/0

26.029+/-2.309 χ^2 /NDF: 6.9/1

9.455+/-6.710 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1885.187 $\pm$ 1.739 χ^2/NDF : 0.0/0

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

Right Out: 1779.022 $\pm$ 4.745 χ^2/NDF : 0.0/0

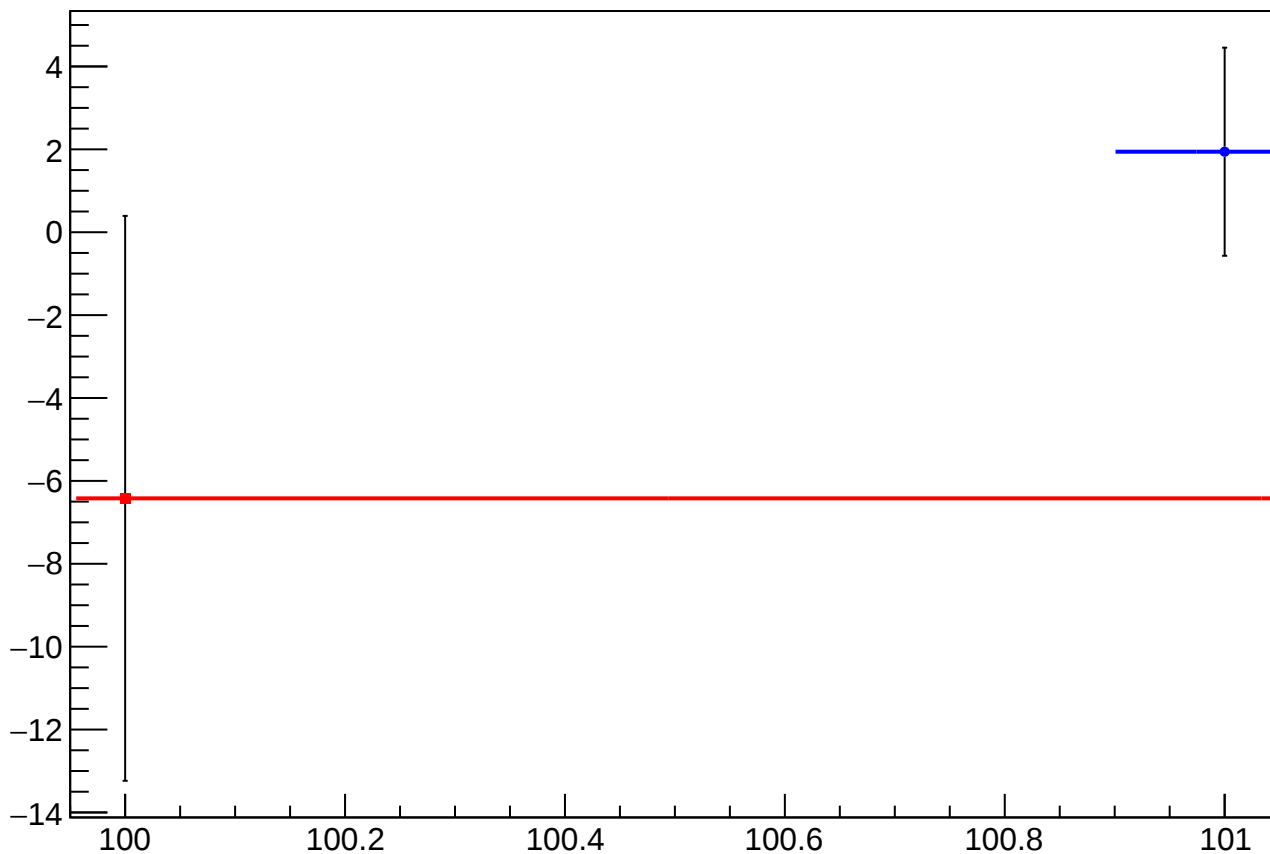
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1885.187 $\pm$ 1.739 χ^2/NDF : 0.0/0

1872.614 $\pm$ 1.633 χ^2/NDF : 441.4/1

1779.022 $\pm$ 4.745 χ^2/NDF : 0.0/0

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.943+/-2.511 χ^2/NDF : 0.0/0

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

Right Out: -6.421+/-6.815 χ^2/NDF : 0.0/0

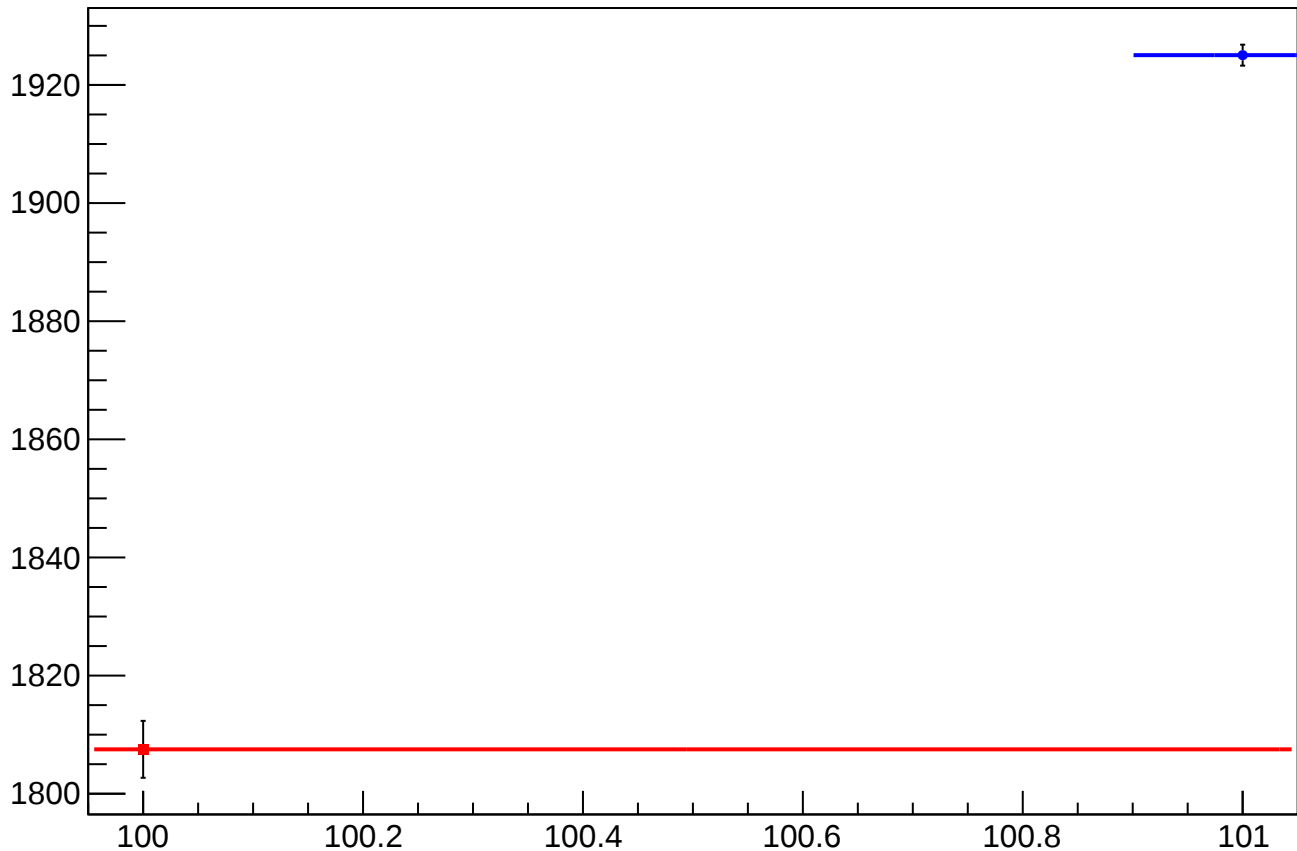
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.943+/-2.511 χ^2/NDF : 0.0/0

0.943+/-2.356 χ^2/NDF : 1.3/1

-6.421+/-6.815 χ^2/NDF : 0.0/0

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1925.044 $\pm$ 1.775 χ^2 /NDF: 0.0/0

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

Right Out: 1807.515 $\pm$ 4.819 χ^2 /NDF: 0.0/0

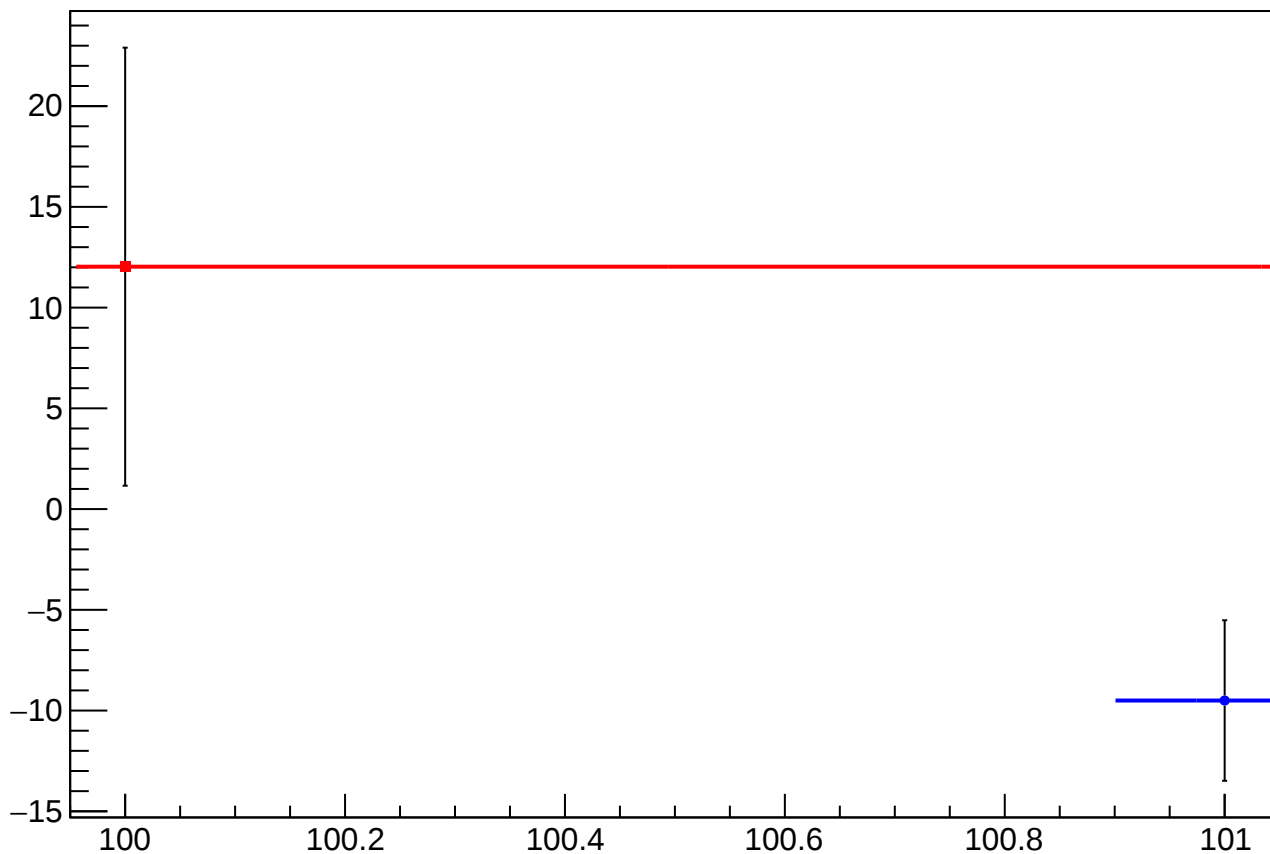
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1925.044 $\pm$ 1.775 χ^2 /NDF: 0.0/0

1911.002 $\pm$ 1.666 χ^2 /NDF: 523.7/1

1807.515 $\pm$ 4.819 χ^2 /NDF: 0.0/0

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -9.502+/-3.984 χ^2/NDF : 0.0/0

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

Right Out: 12.031+/-10.871 χ^2/NDF : 0.0/0

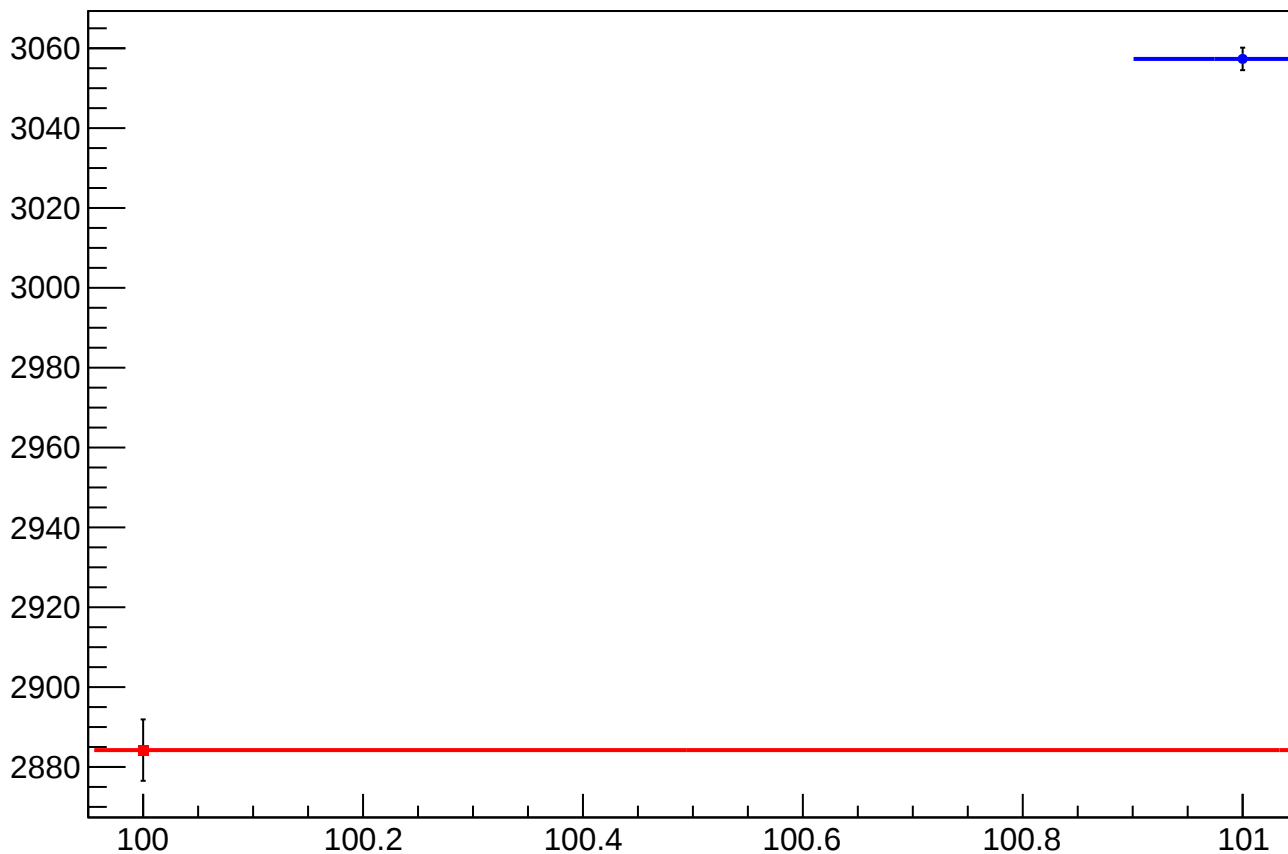
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.502+/-3.984 χ^2/NDF : 0.0/0

-6.952+/-3.741 χ^2/NDF : 3.5/1

12.031+/-10.871 χ^2/NDF : 0.0/0

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3057.328 $\pm$ 2.817 χ^2 /NDF: 0.0/0

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

Right Out: 2884.224 $\pm$ 7.687 χ^2 /NDF: 0.0/0

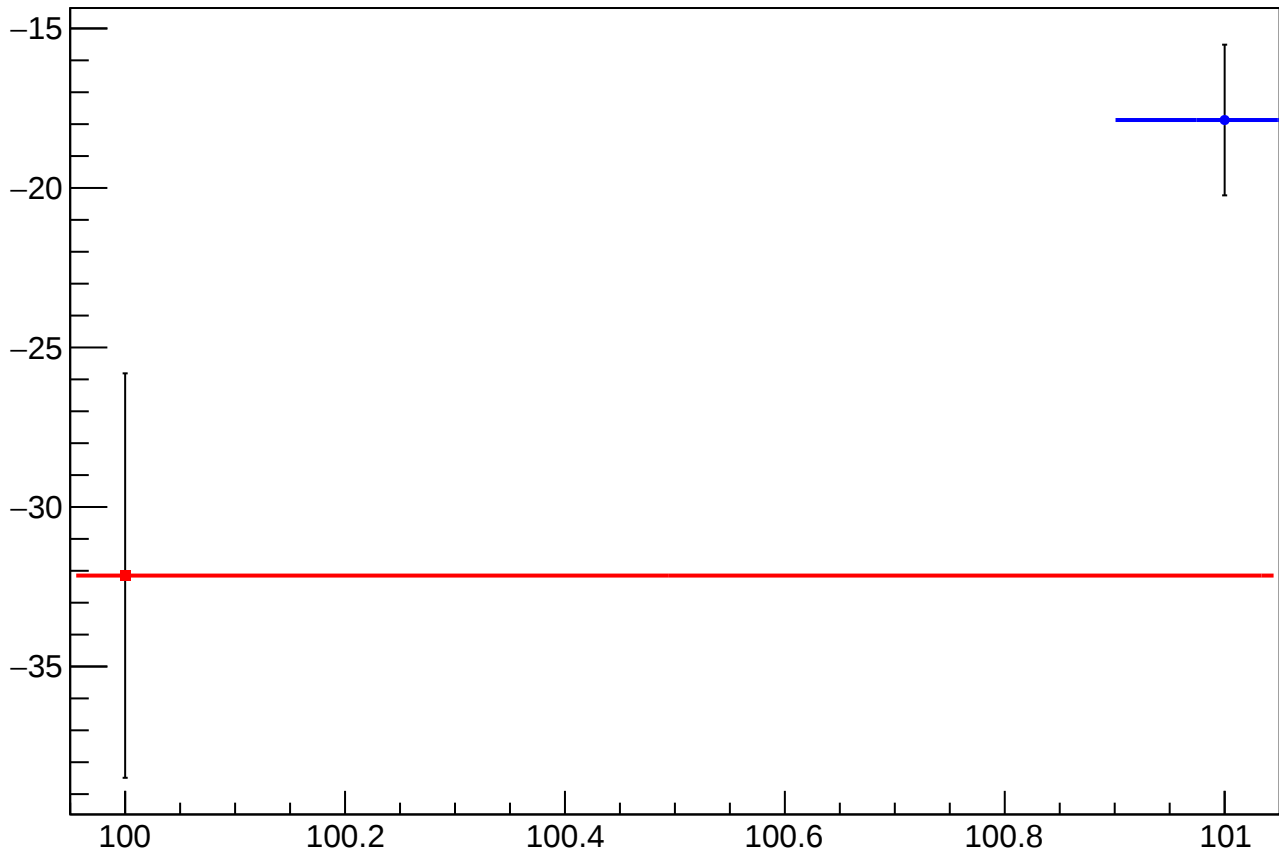
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

3057.328 $\pm$ 2.817 χ^2 /NDF: 0.0/0

3036.829 $\pm$ 2.645 χ^2 /NDF: 447.1/1

2884.224 $\pm$ 7.687 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -17.870 $\pm$ 2.362 χ^2/NDF : 0.0/0

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

Right Out: -32.150 $\pm$ 6.339 χ^2/NDF : 0.0/0

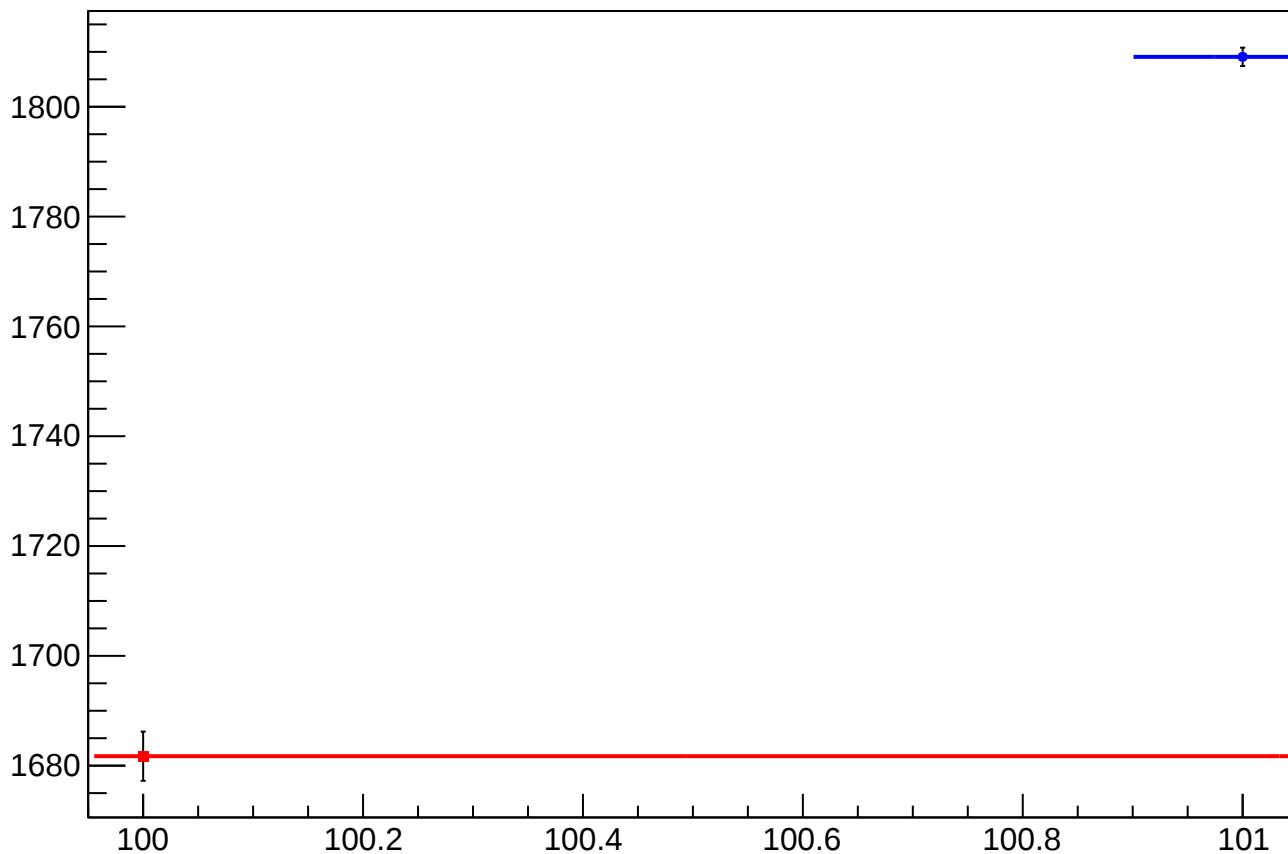
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-17.870 $\pm$ 2.362 χ^2/NDF : 0.0/0

-19.611 $\pm$ 2.213 χ^2/NDF : 4.5/1

-32.150 $\pm$ 6.339 χ^2/NDF : 0.0/0

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1809.093 $\pm$ 1.670 χ^2 /NDF: 0.0/0

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

Right Out: 1681.727 $\pm$ 4.482 χ^2 /NDF: 0.0/0

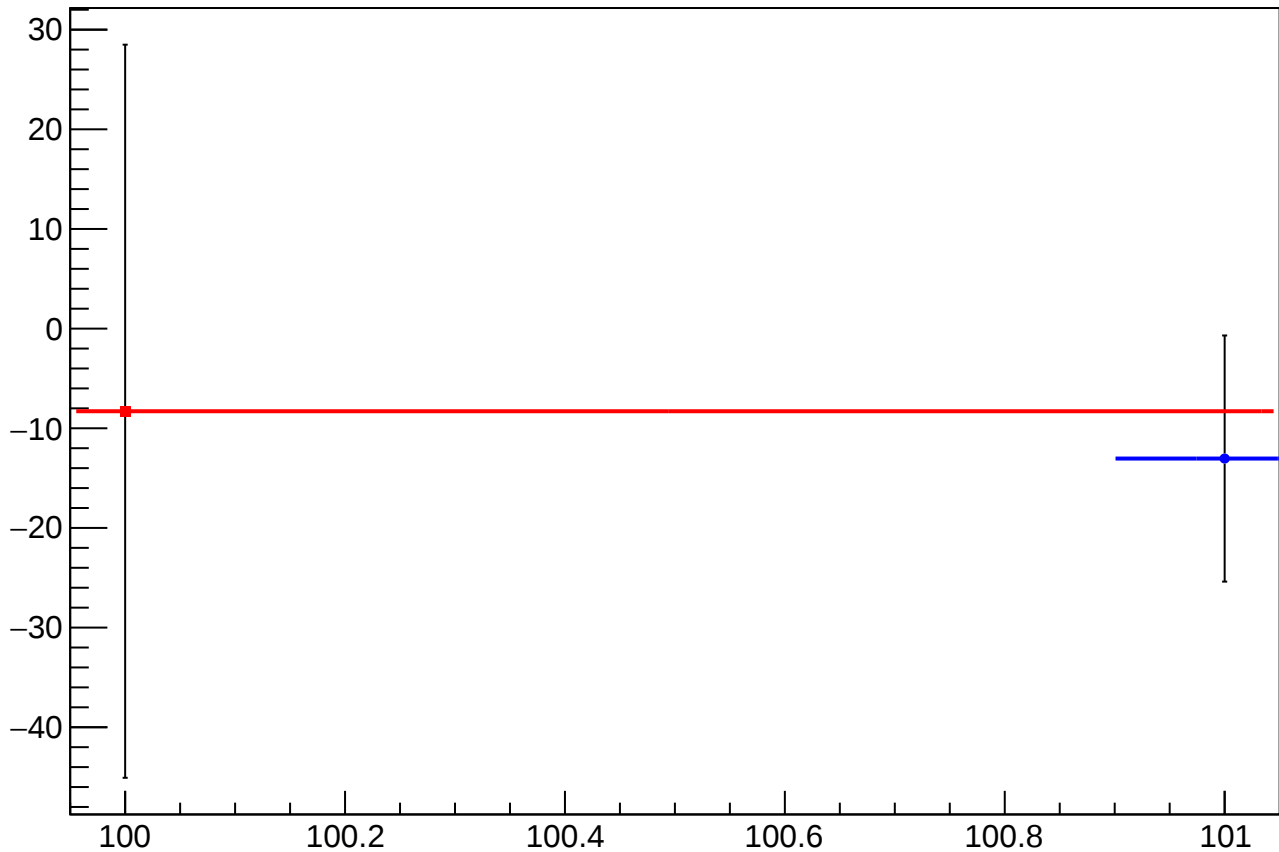
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1809.093 $\pm$ 1.670 χ^2 /NDF: 0.0/0

1793.568 $\pm$ 1.565 χ^2 /NDF: 709.0/1

1681.727 $\pm$ 4.482 χ^2 /NDF: 0.0/0

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -13.038 $\pm$ 12.349 χ^2 /NDF: 0.0/0

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

Right Out: -8.290 $\pm$ 36.783 χ^2 /NDF: 0.0/0

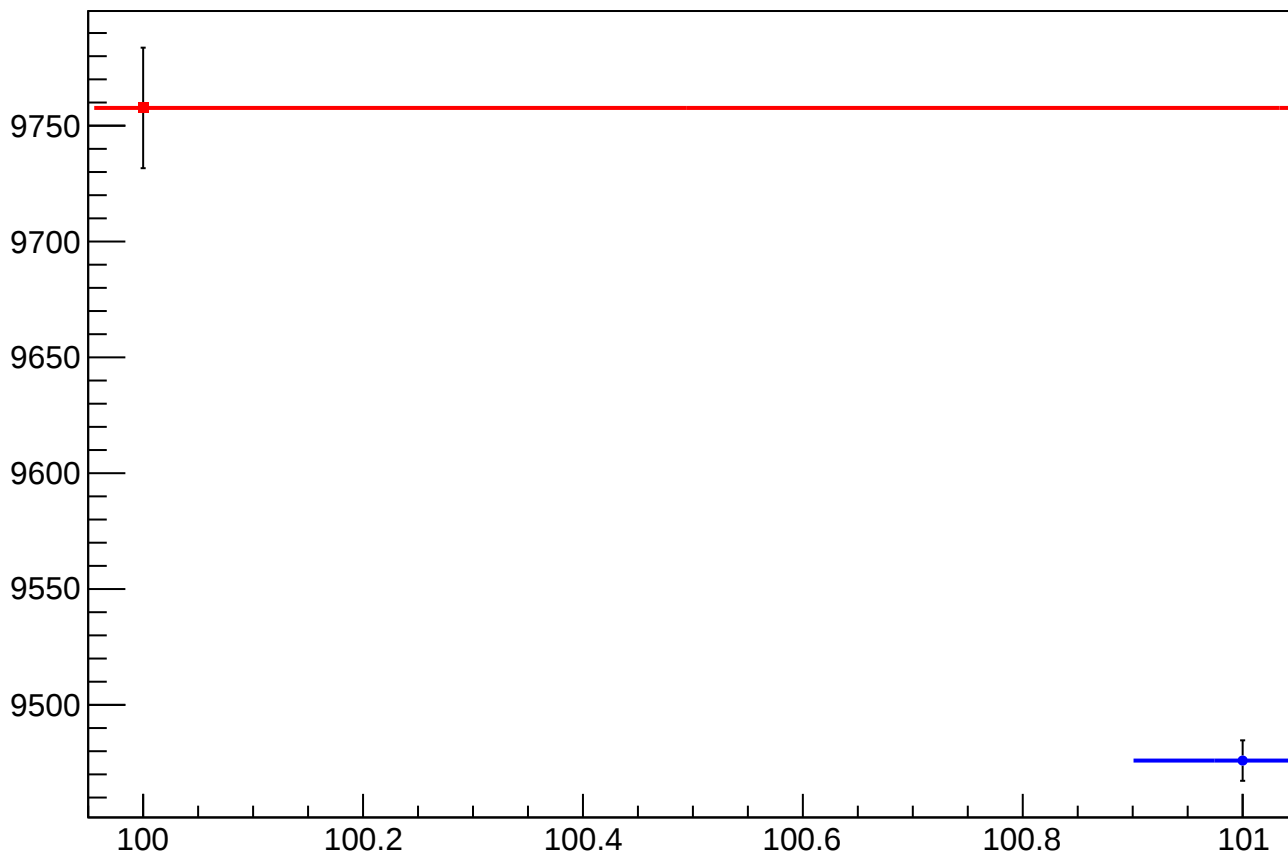
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-13.038 $\pm$ 12.349 χ^2 /NDF: 0.0/0

-12.557 $\pm$ 11.707 χ^2 /NDF: 0.0/1

-8.290 $\pm$ 36.783 χ^2 /NDF: 0.0/0

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9475.963+/-8.732 χ^2 /NDF: 0.0/0

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

Right Out: 9757.666+/-26.010 χ^2 /NDF: 0.0/0

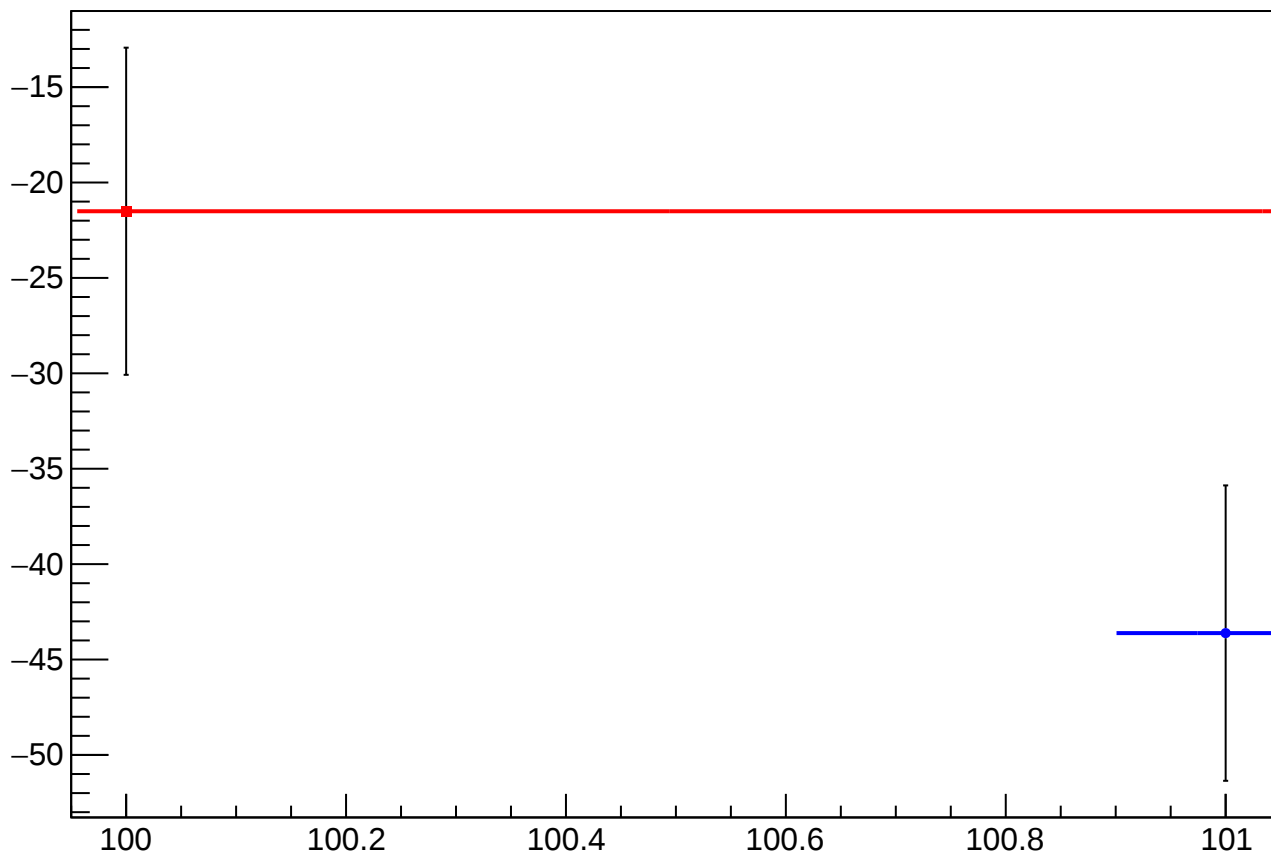
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

9475.963+/-8.732 χ^2 /NDF: 0.0/0

9504.497+/-8.278 χ^2 /NDF: 105.4/1

9757.666+/-26.010 χ^2 /NDF: 0.0/0

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -43.615+/-7.741 χ^2/NDF : 0.0/0

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

Right Out: -21.506+/-8.573 χ^2/NDF : 0.0/0

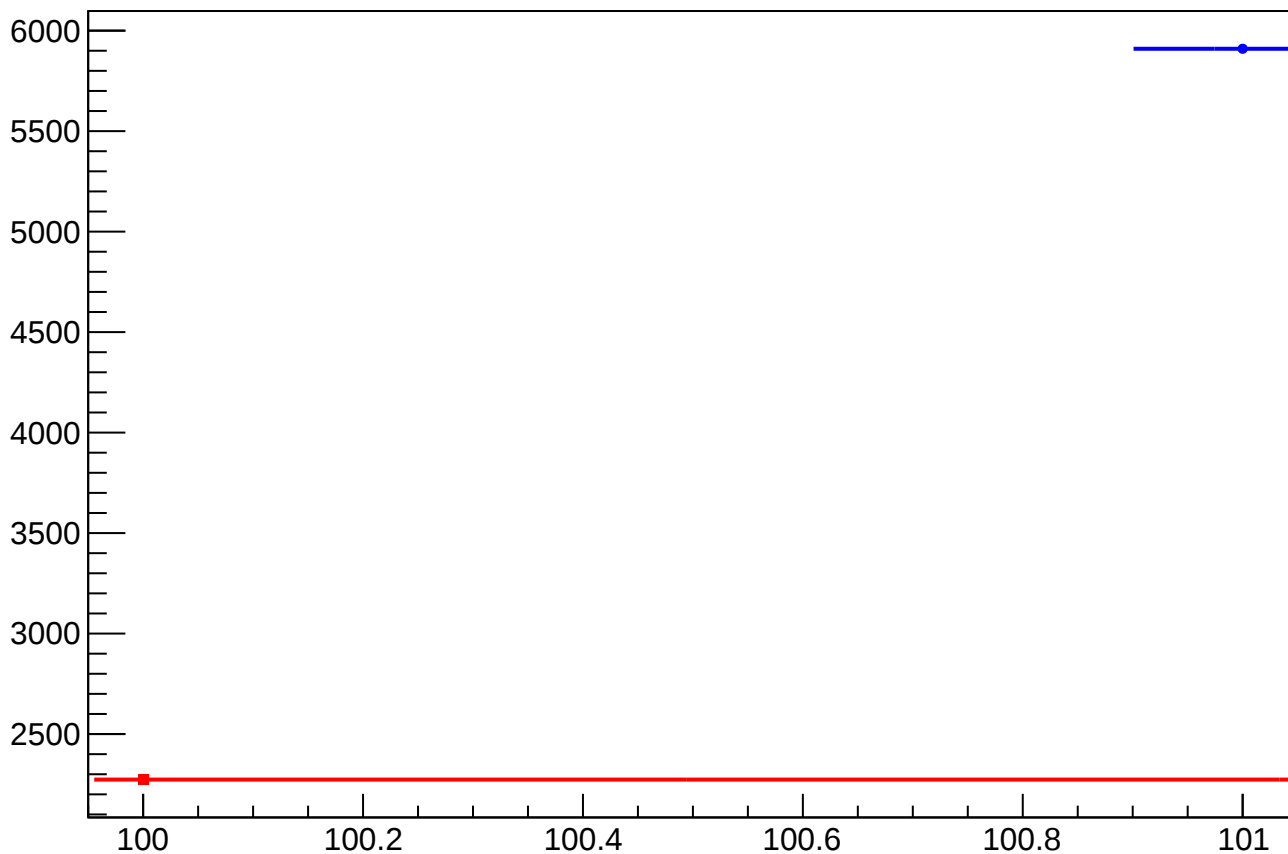
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-43.615+/-7.741 χ^2/NDF : 0.0/0

-33.685+/-5.745 χ^2/NDF : 3.7/1

-21.506+/-8.573 χ^2/NDF : 0.0/0

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 5909.819 $\pm$ 5.474 χ^2/NDF : 0.0/0

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

Right Out: 2273.493 $\pm$ 6.062 χ^2/NDF : 0.0/0

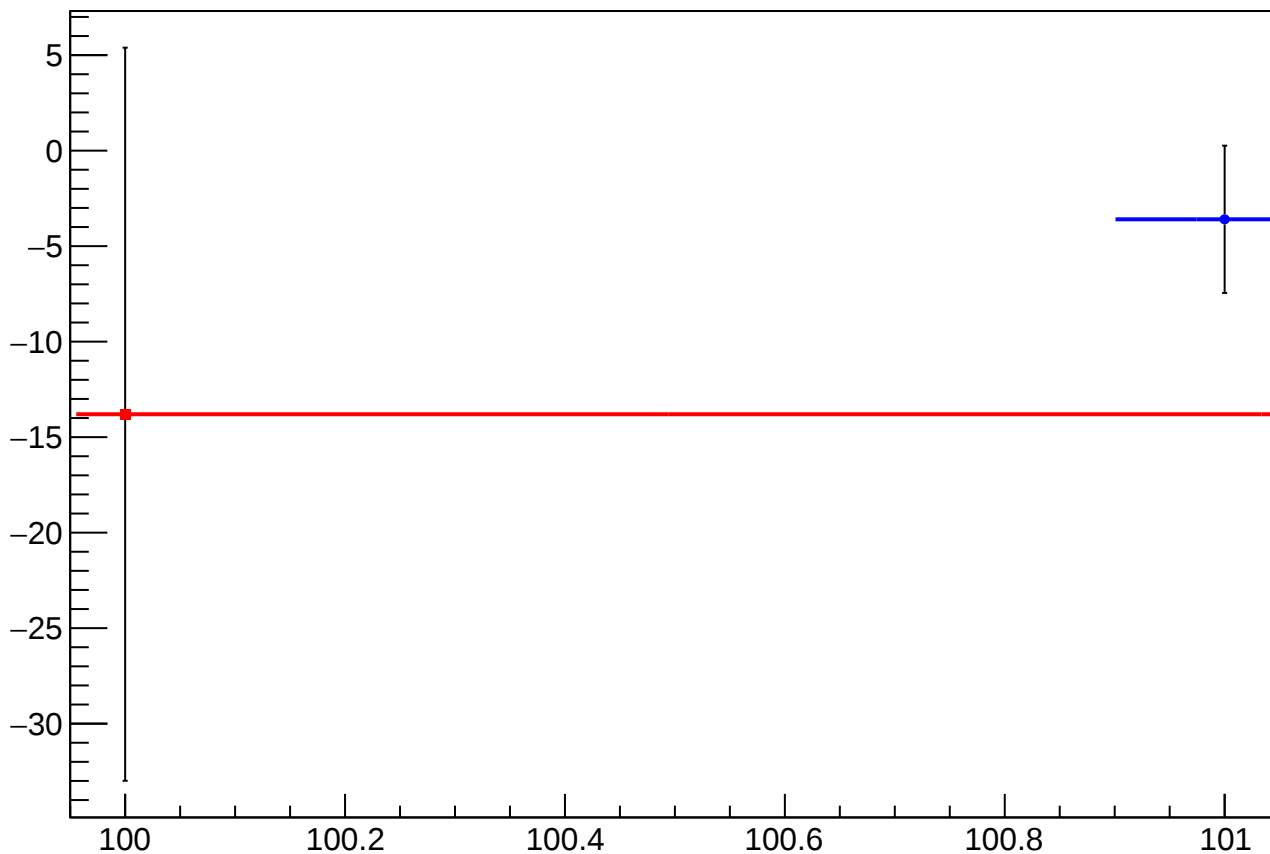
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

5909.819 $\pm$ 5.474 χ^2/NDF : 0.0/0

4276.692 $\pm$ 4.063 χ^2/NDF : 198221.3/1

2273.493 $\pm$ 6.062 χ^2/NDF : 0.0/0

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -3.595+/-3.856 χ^2/NDF : 0.0/0

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

Right Out: -13.801+/-19.192 χ^2/NDF : 0.0/0

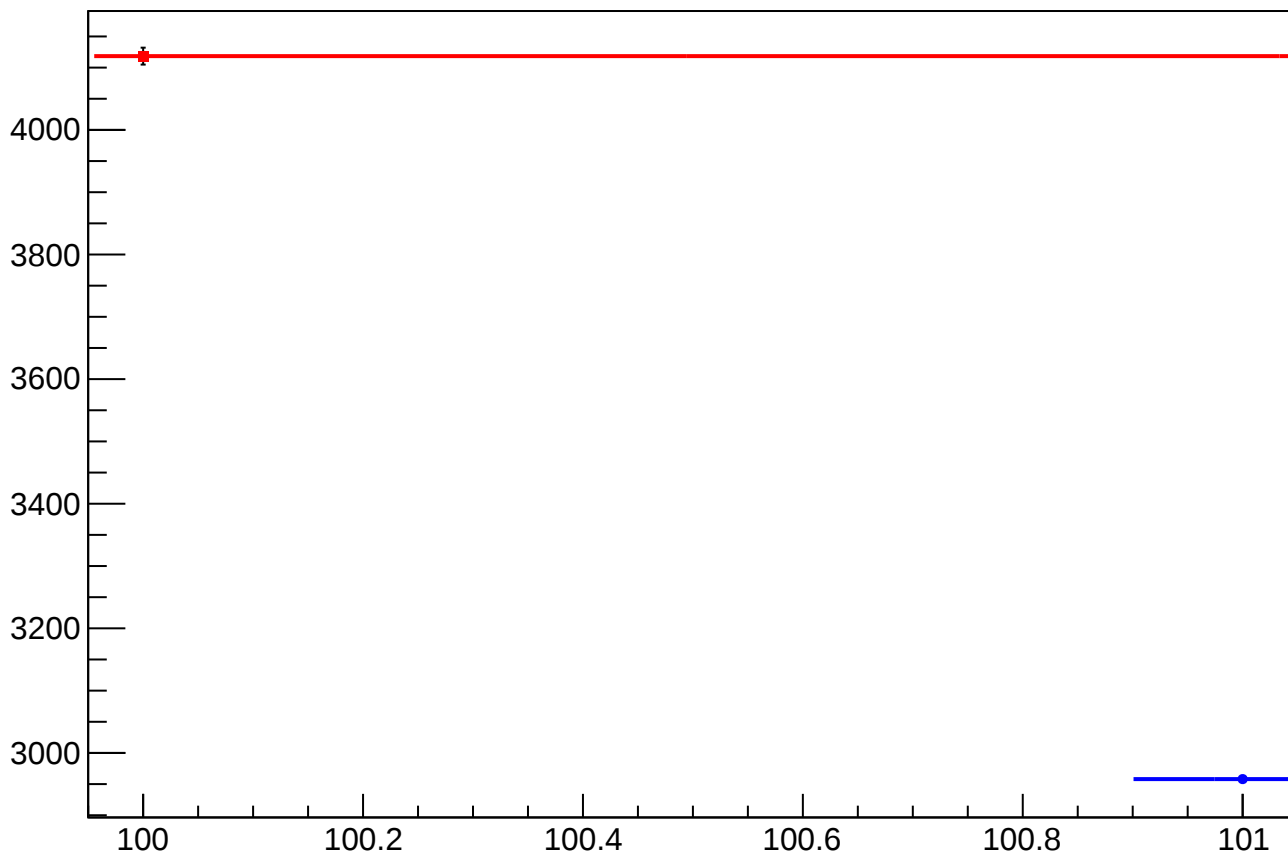
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.595+/-3.856 χ^2/NDF : 0.0/0

-3.991+/-3.781 χ^2/NDF : 0.3/1

-13.801+/-19.192 χ^2/NDF : 0.0/0

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 2958.011 $\pm$ 2.727 χ^2 /NDF: 0.0/0

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

Right Out: 4118.424 $\pm$ 13.571 χ^2 /NDF: 0.0/0

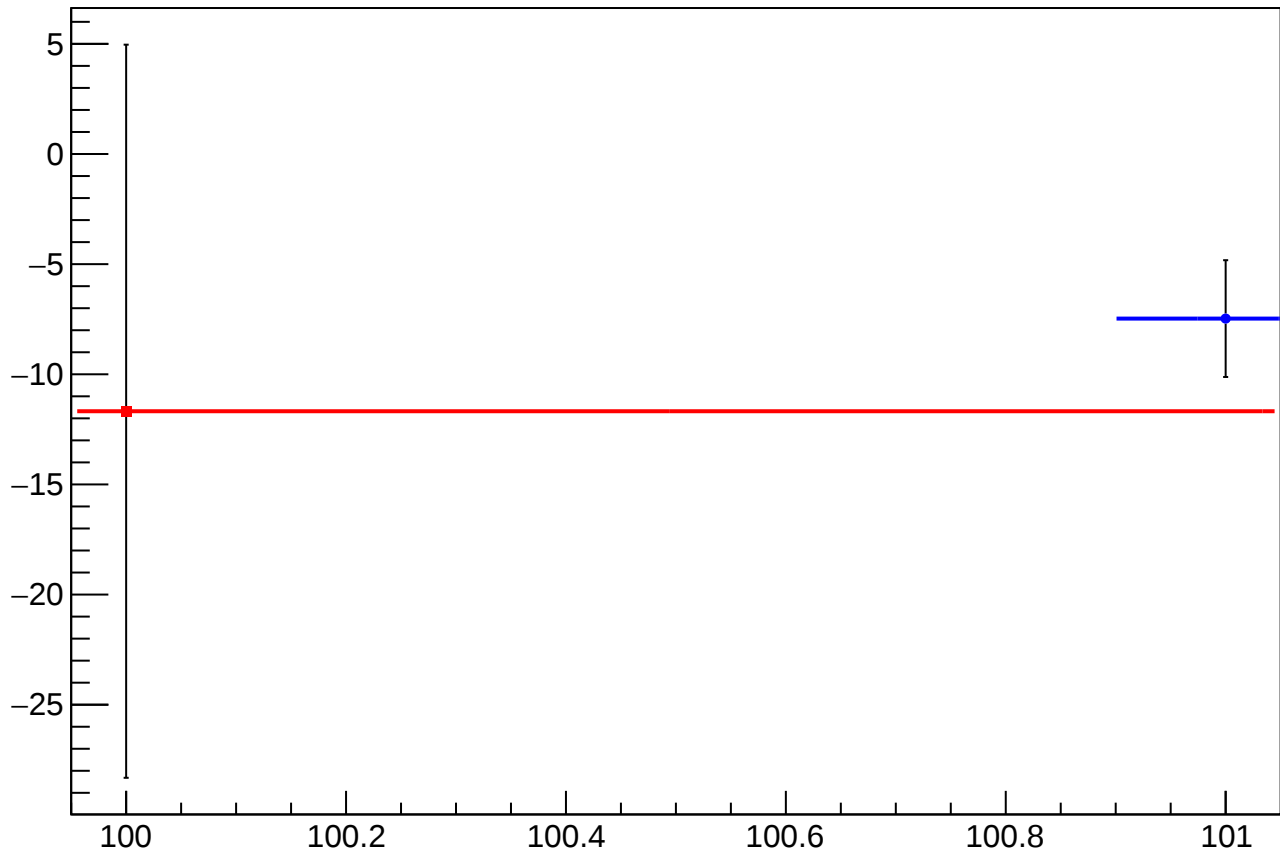
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2958.011 $\pm$ 2.727 χ^2 /NDF: 0.0/0

3003.040 $\pm$ 2.673 χ^2 /NDF: 7028.2/1

4118.424 $\pm$ 13.571 χ^2 /NDF: 0.0/0

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -7.472 $\pm$ 2.651 χ^2/NDF : 0.0/0

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

Right Out: -11.677 $\pm$ 16.641 χ^2/NDF : 0.0/0

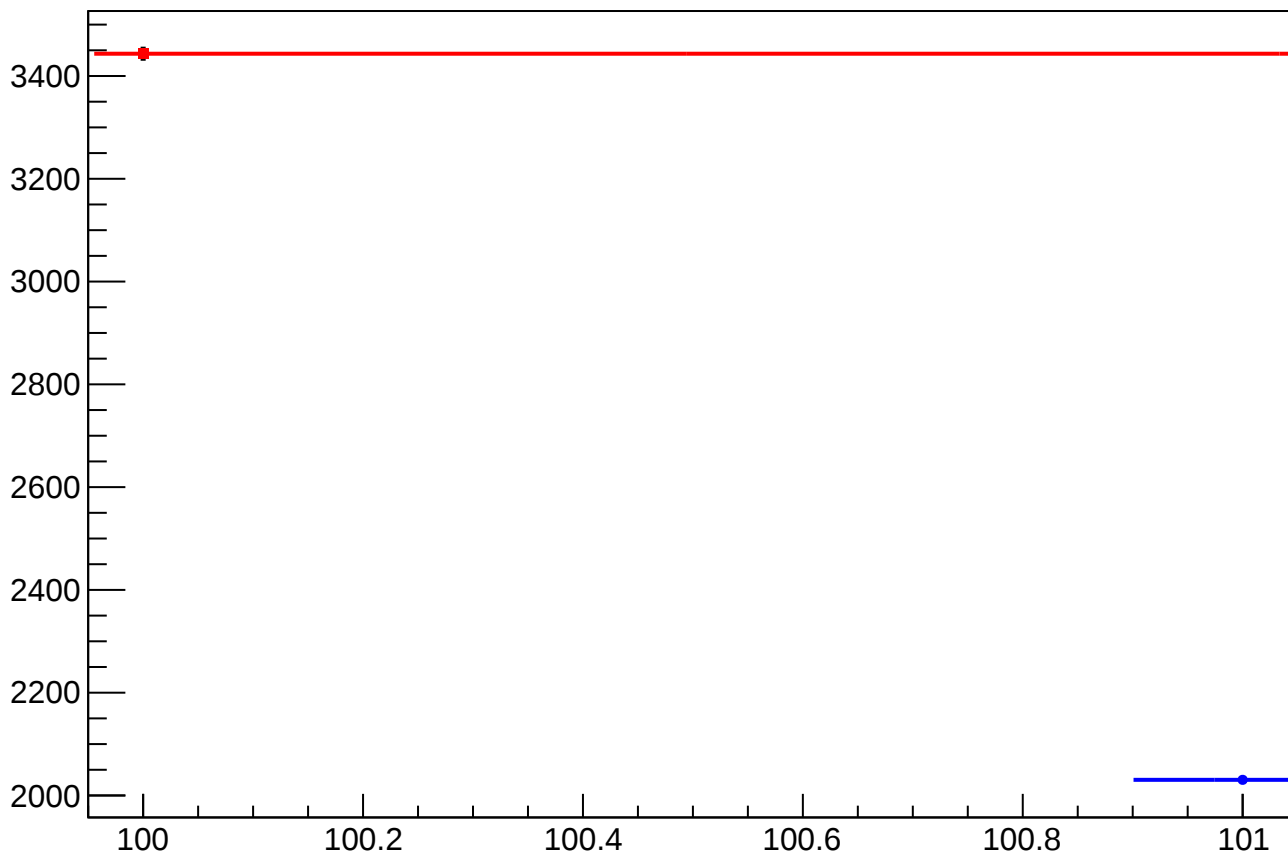
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-7.472 $\pm$ 2.651 χ^2/NDF : 0.0/0

-7.576 $\pm$ 2.618 χ^2/NDF : 0.1/1

-11.677 $\pm$ 16.641 χ^2/NDF : 0.0/0

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2030.426+/-1.874 χ^2/NDF : 0.0/0

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

Right Out: 3443.357+/-11.767 χ^2/NDF : 0.0/0

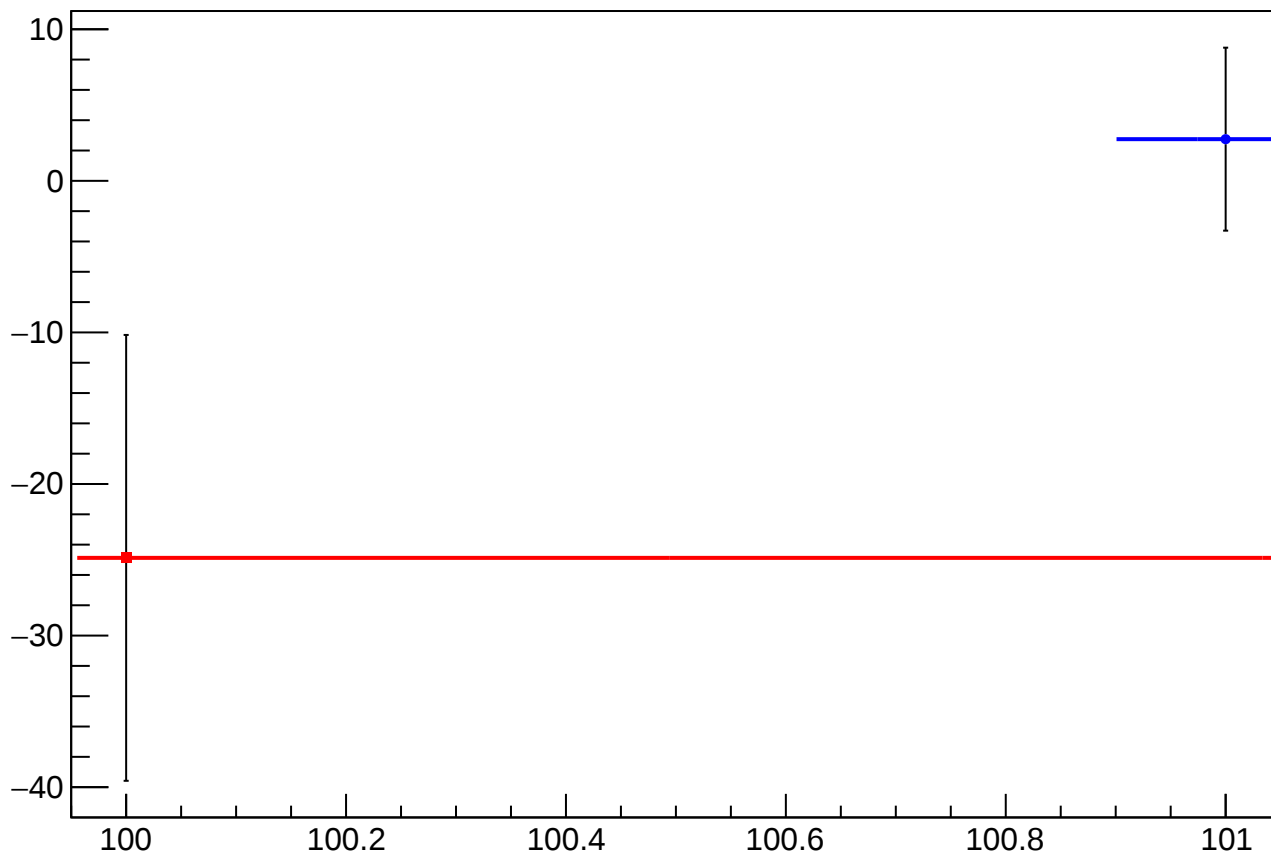
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2030.426+/-1.874 χ^2/NDF : 0.0/0

2065.392+/-1.851 χ^2/NDF : 14061.9/1

3443.357+/-11.767 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: 2.750+/-6.036 χ^2/NDF : 0.0/0

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

Right Out: -24.873+/-14.707 χ^2/NDF : 0.0/0

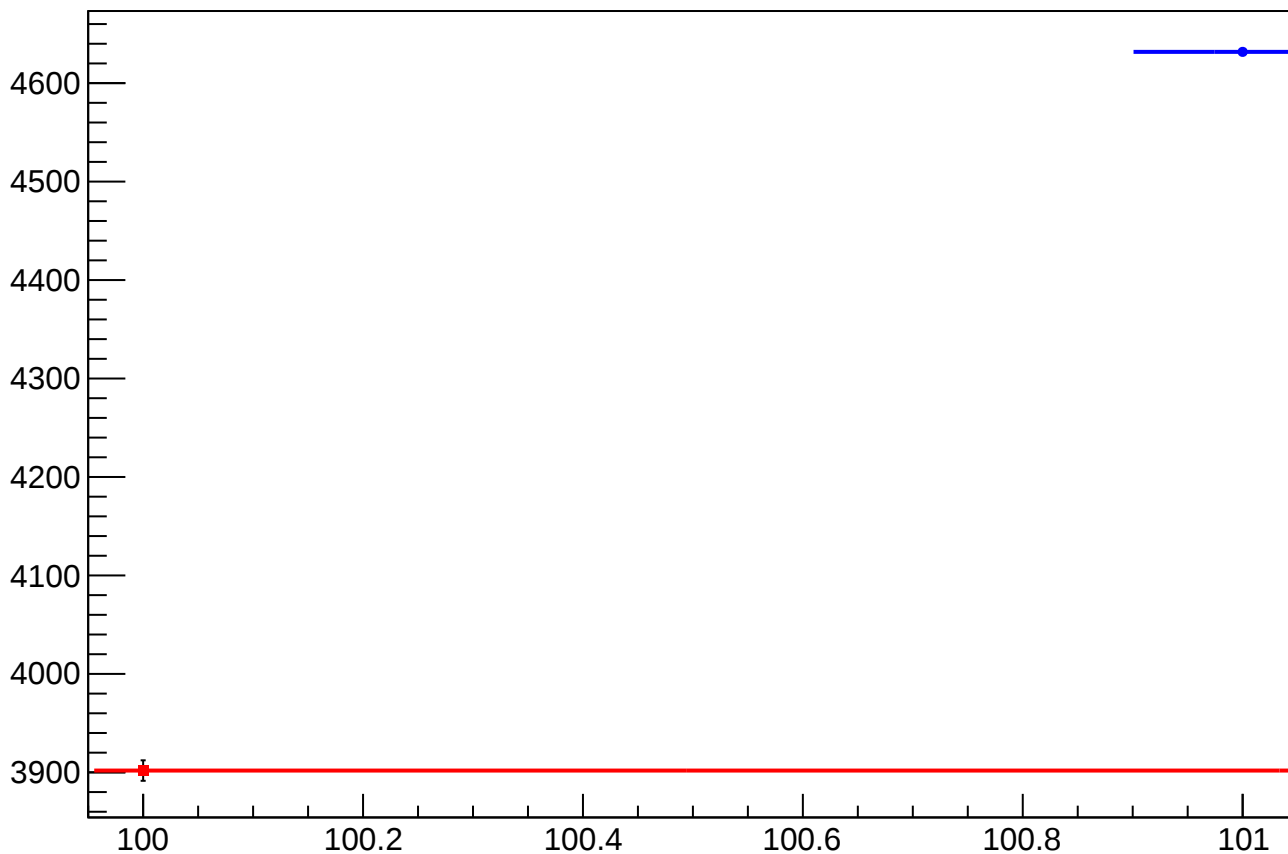
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.750+/-6.036 χ^2/NDF : 0.0/0

-1.232+/-5.584 χ^2/NDF : 3.0/1

-24.873+/-14.707 χ^2/NDF : 0.0/0

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 4631.747 ± 4.268 χ^2/NDF : 0.0/0

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

Right Out: 3901.837 ± 10.399 χ^2/NDF : 0.0/0

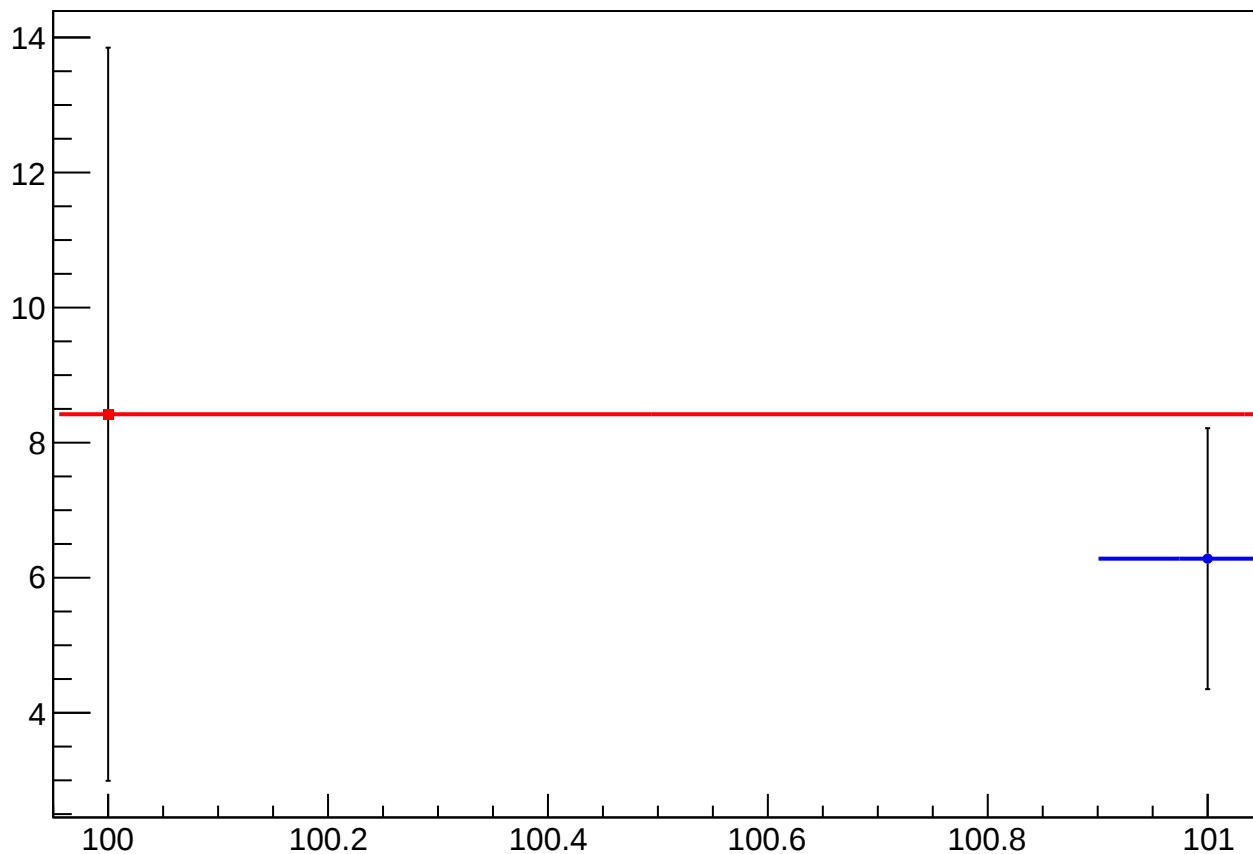
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

4631.747 ± 4.268 χ^2/NDF : 0.0/0

4526.529 ± 3.948 χ^2/NDF : 4216.2/1

3901.837 ± 10.399 χ^2/NDF : 0.0/0

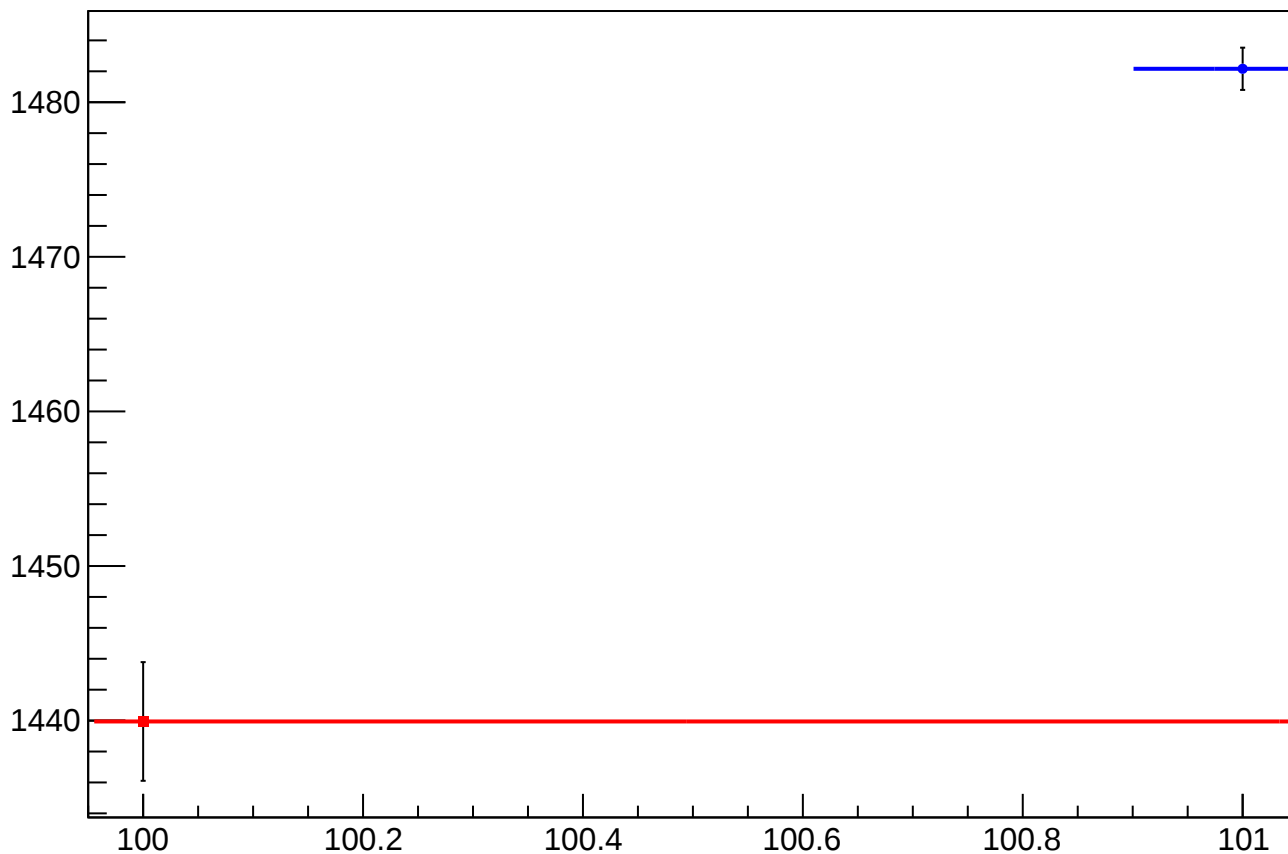
diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 6.282+/-1.932 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 8.421+/-5.428 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.282+/-1.932 χ^2/NDF : 0.0/0
6.523+/-1.820 χ^2/NDF : 0.1/1
8.421+/-5.428 χ^2/NDF : 0.0/0

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1482.162 $\pm$ 1.366 χ^2 /NDF: 0.0/0

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

Right Out: 1439.945 $\pm$ 3.838 χ^2 /NDF: 0.0/0

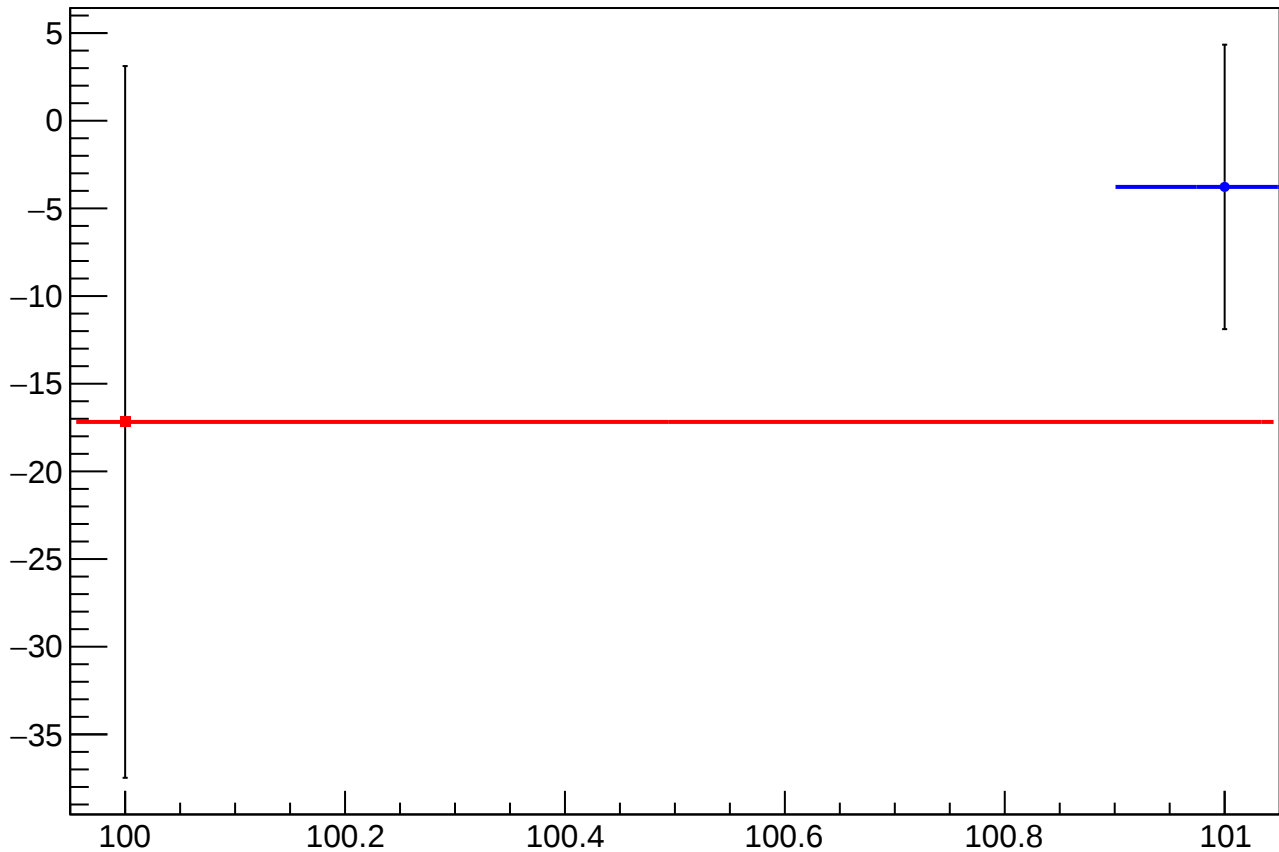
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1482.162 $\pm$ 1.366 χ^2 /NDF: 0.0/0

1477.414 $\pm$ 1.287 χ^2 /NDF: 107.4/1

1439.945 $\pm$ 3.838 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -3.775+/-8.113 χ^2/NDF : 0.0/0

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

Right Out: -17.179+/-20.298 χ^2/NDF : 0.0/0

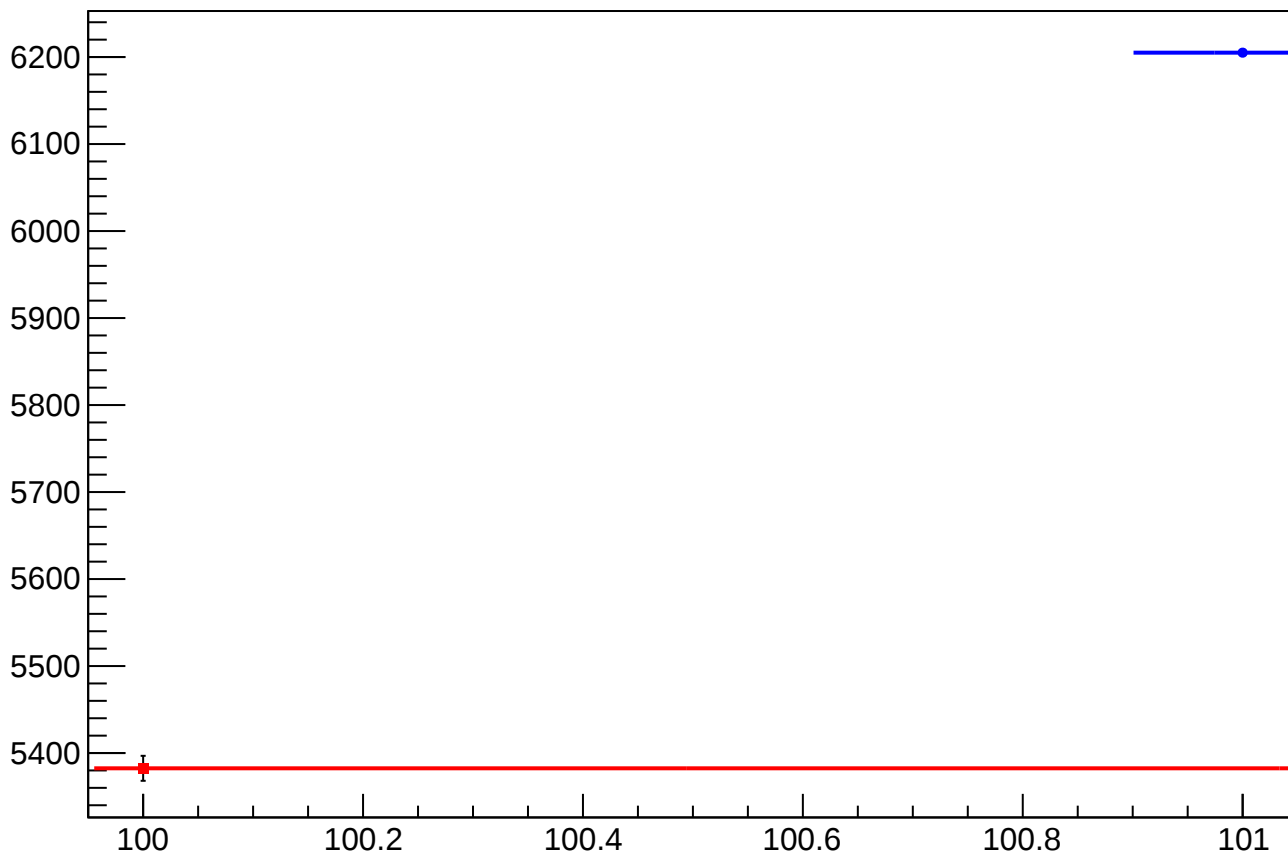
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.775+/-8.113 χ^2/NDF : 0.0/0

-5.621+/-7.533 χ^2/NDF : 0.4/1

-17.179+/-20.298 χ^2/NDF : 0.0/0

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6205.040 $\pm$ 5.737 χ^2/NDF : 0.0/0

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

Right Out: 5382.458 $\pm$ 14.353 χ^2/NDF : 0.0/0

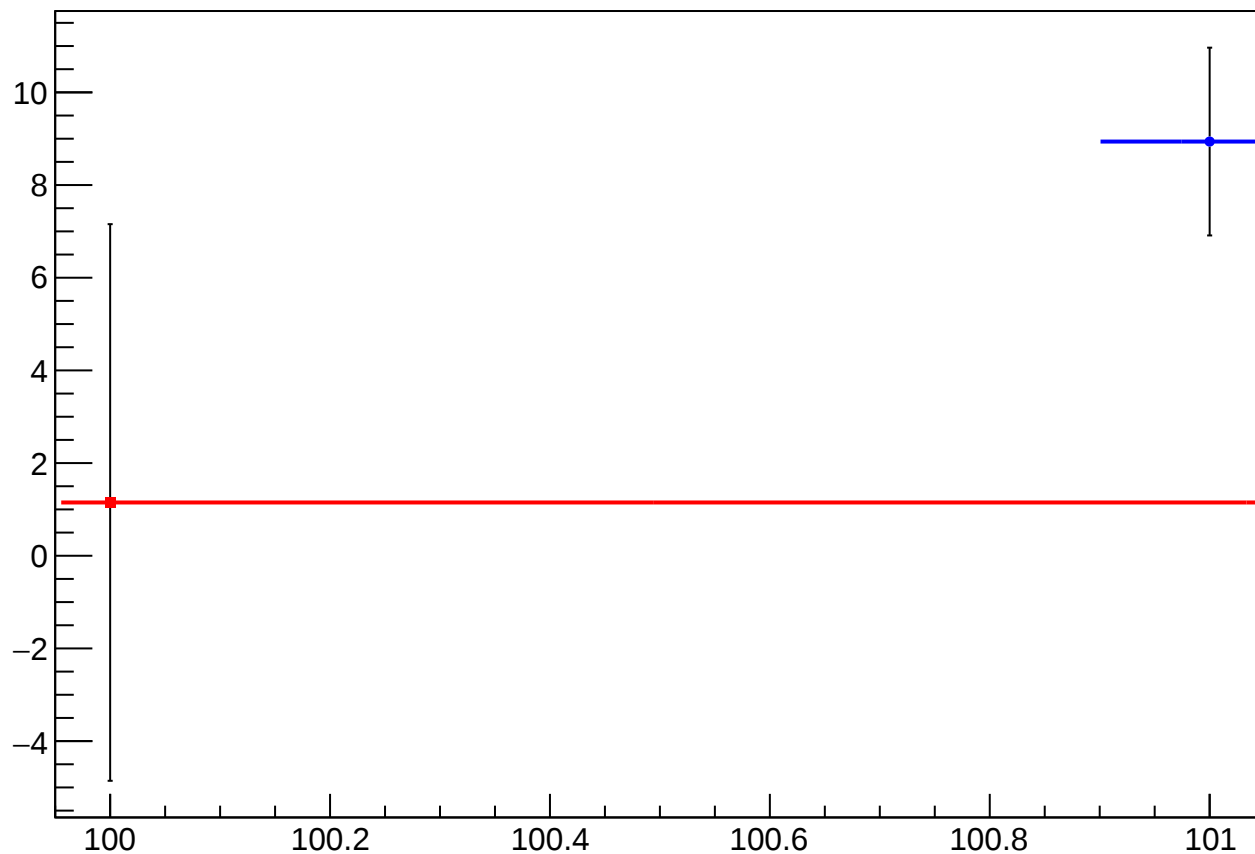
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

6205.040 $\pm$ 5.737 χ^2/NDF : 0.0/0

6091.731 $\pm$ 5.327 χ^2/NDF : 2832.2/1

5382.458 $\pm$ 14.353 χ^2/NDF : 0.0/0

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 8.938 $\pm$ 2.026 χ^2 /NDF: 0.0/0

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

Right Out: 1.150 $\pm$ 6.006 χ^2 /NDF: 0.0/0

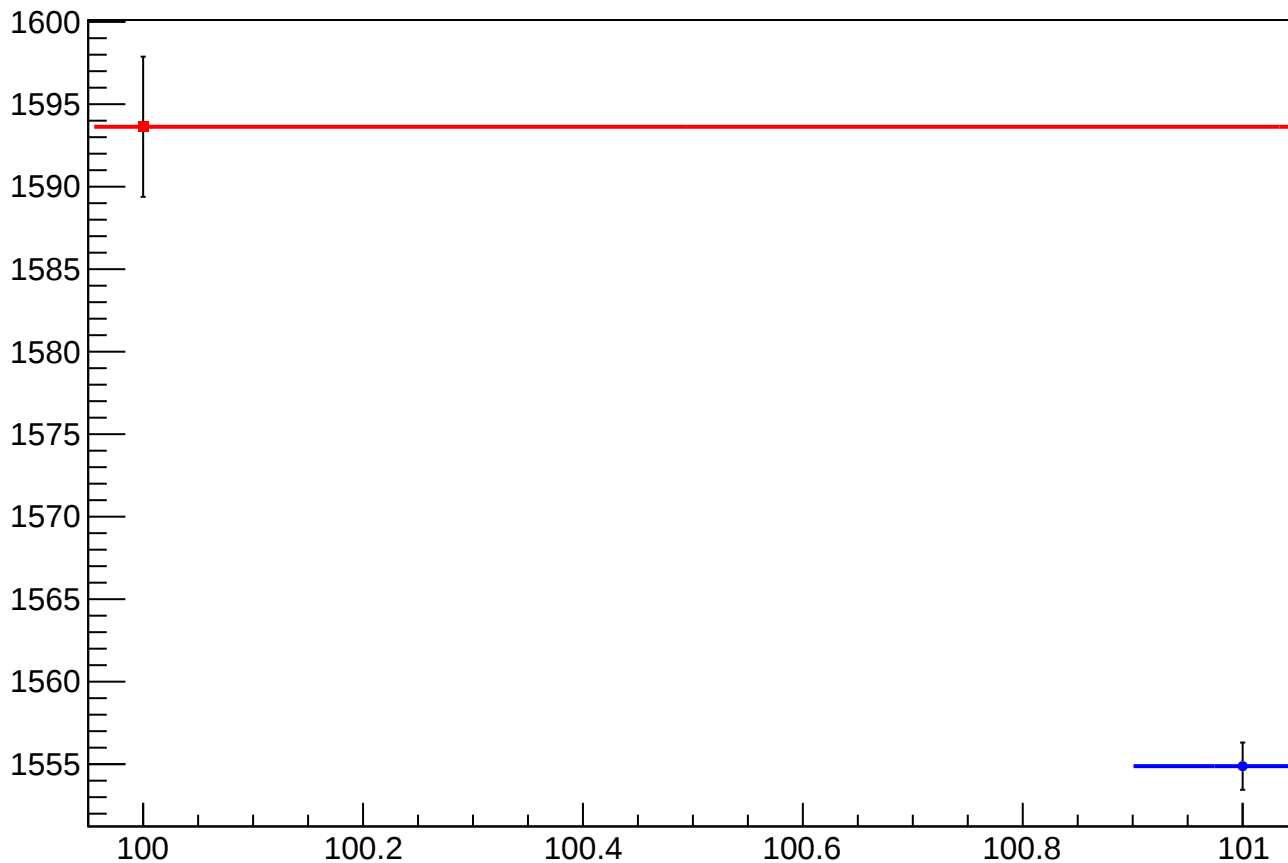
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

8.938 $\pm$ 2.026 χ^2 /NDF: 0.0/0

8.143 $\pm$ 1.920 χ^2 /NDF: 1.5/1

1.150 $\pm$ 6.006 χ^2 /NDF: 0.0/0

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 1554.880 $\pm$ 1.433 χ^2/NDF : 0.0/0

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

Right Out: 1593.633 $\pm$ 4.247 χ^2/NDF : 0.0/0

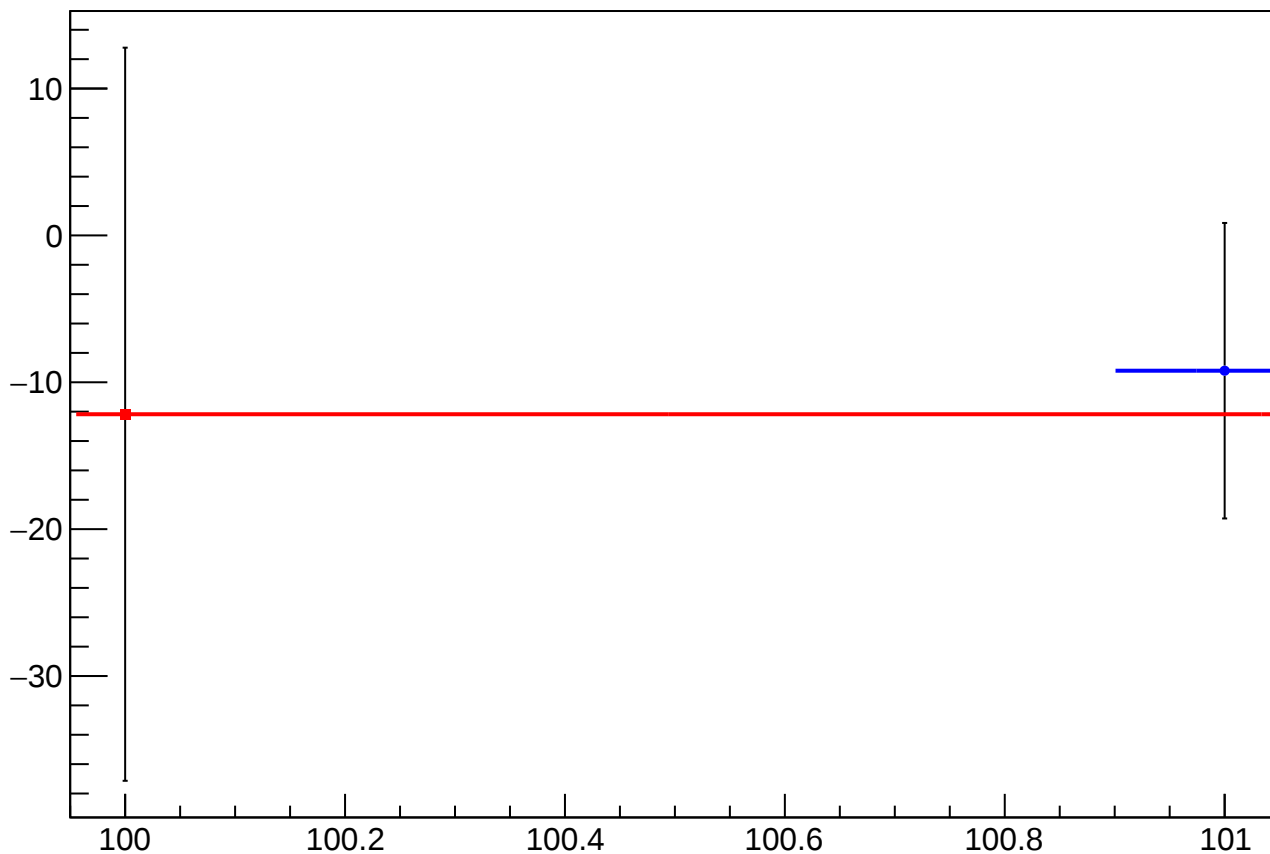
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1554.880 $\pm$ 1.433 χ^2/NDF : 0.0/0

1558.839 $\pm$ 1.358 χ^2/NDF : 74.8/1

1593.633 $\pm$ 4.247 χ^2/NDF : 0.0/0

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: -9.213+/-10.060 χ^2/NDF : 0.0/0

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

Right Out: -12.176+/-24.958 χ^2/NDF : 0.0/0

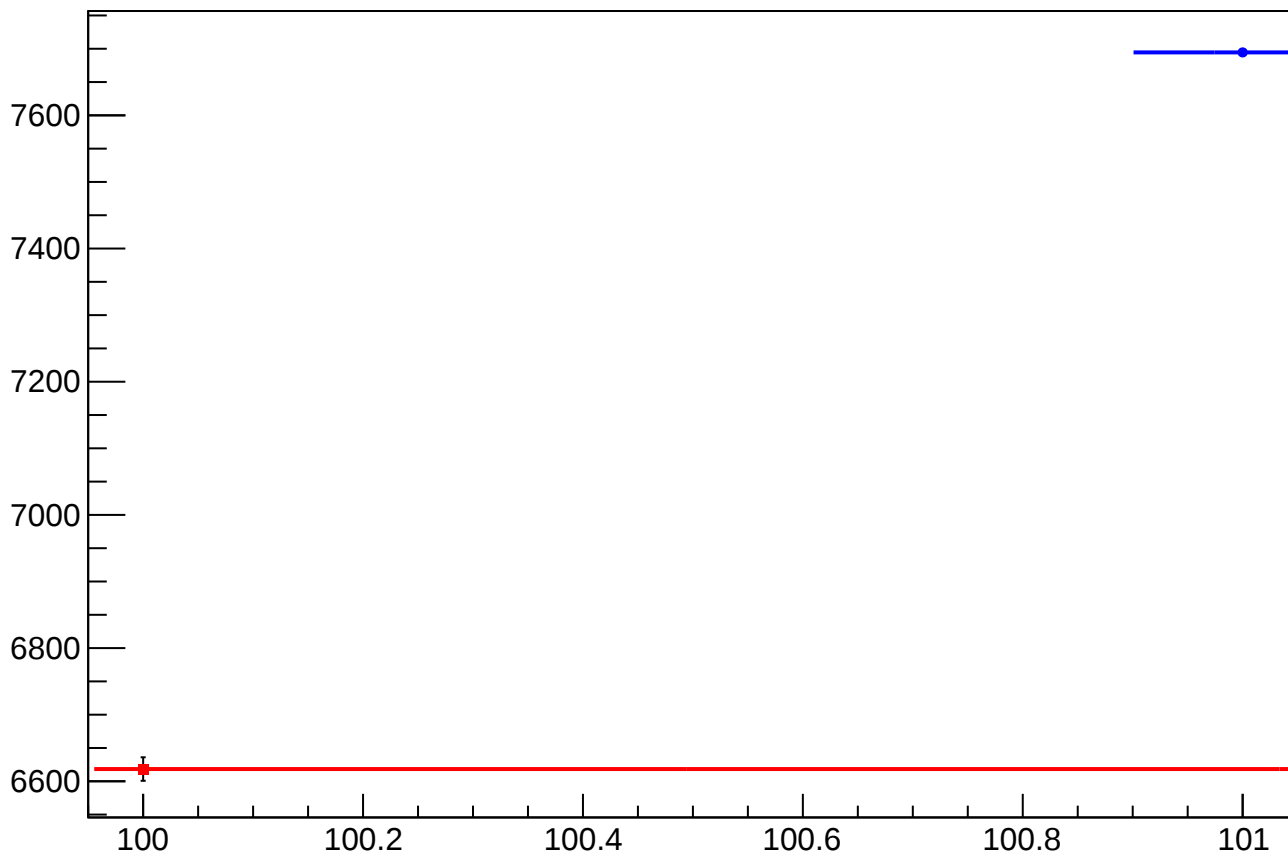
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.213+/-10.060 χ^2/NDF : 0.0/0

-9.627+/-9.331 χ^2/NDF : 0.0/1

-12.176+/-24.958 χ^2/NDF : 0.0/0

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 7694.513 $\pm$ 7.114 χ^2/NDF : 0.0/0

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

Right Out: 6618.376 $\pm$ 17.648 χ^2/NDF : 0.0/0

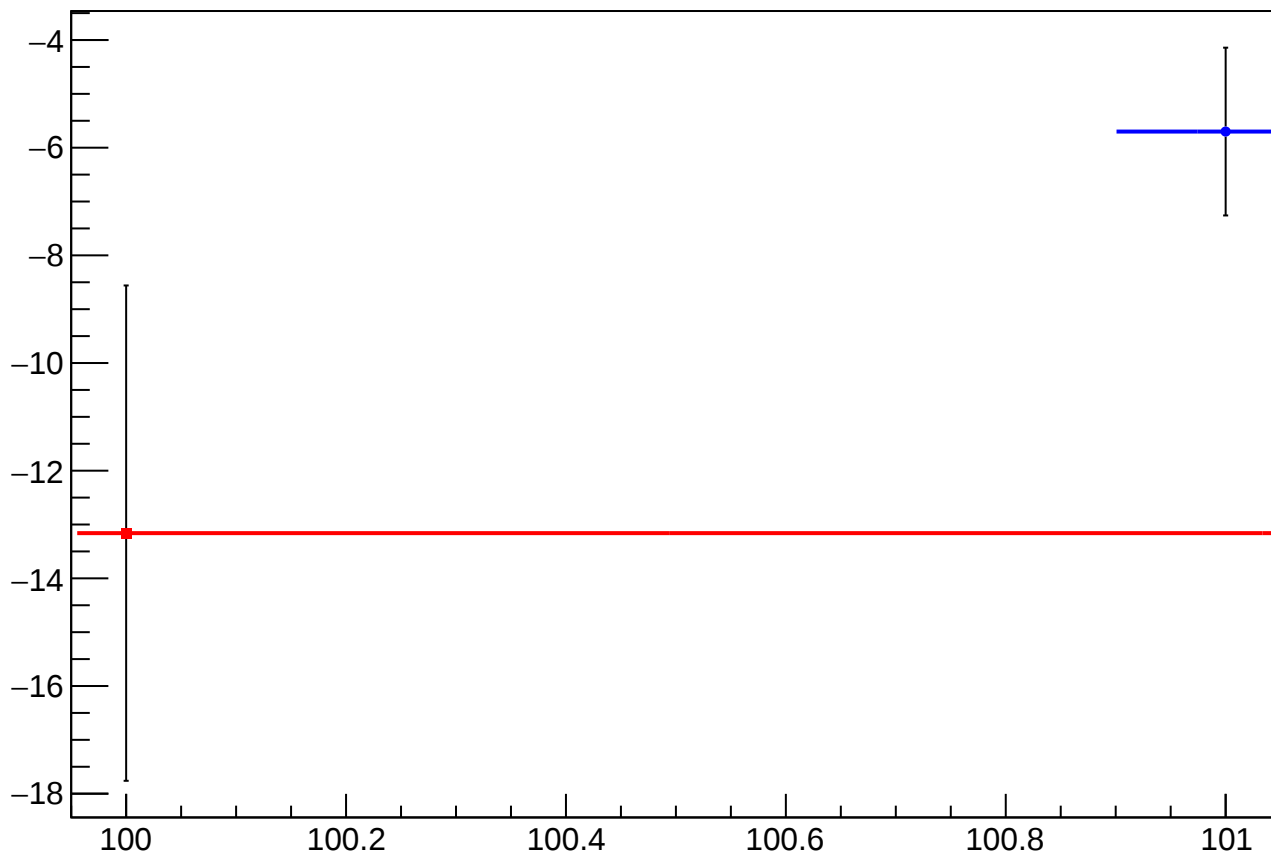
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

7694.513 $\pm$ 7.114 χ^2/NDF : 0.0/0

7544.108 $\pm$ 6.598 χ^2/NDF : 3198.5/1

6618.376 $\pm$ 17.648 χ^2/NDF : 0.0/0

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -5.700+/-1.558 χ^2/NDF : 0.0/0

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

Right Out: -13.160+/-4.601 χ^2/NDF : 0.0/0

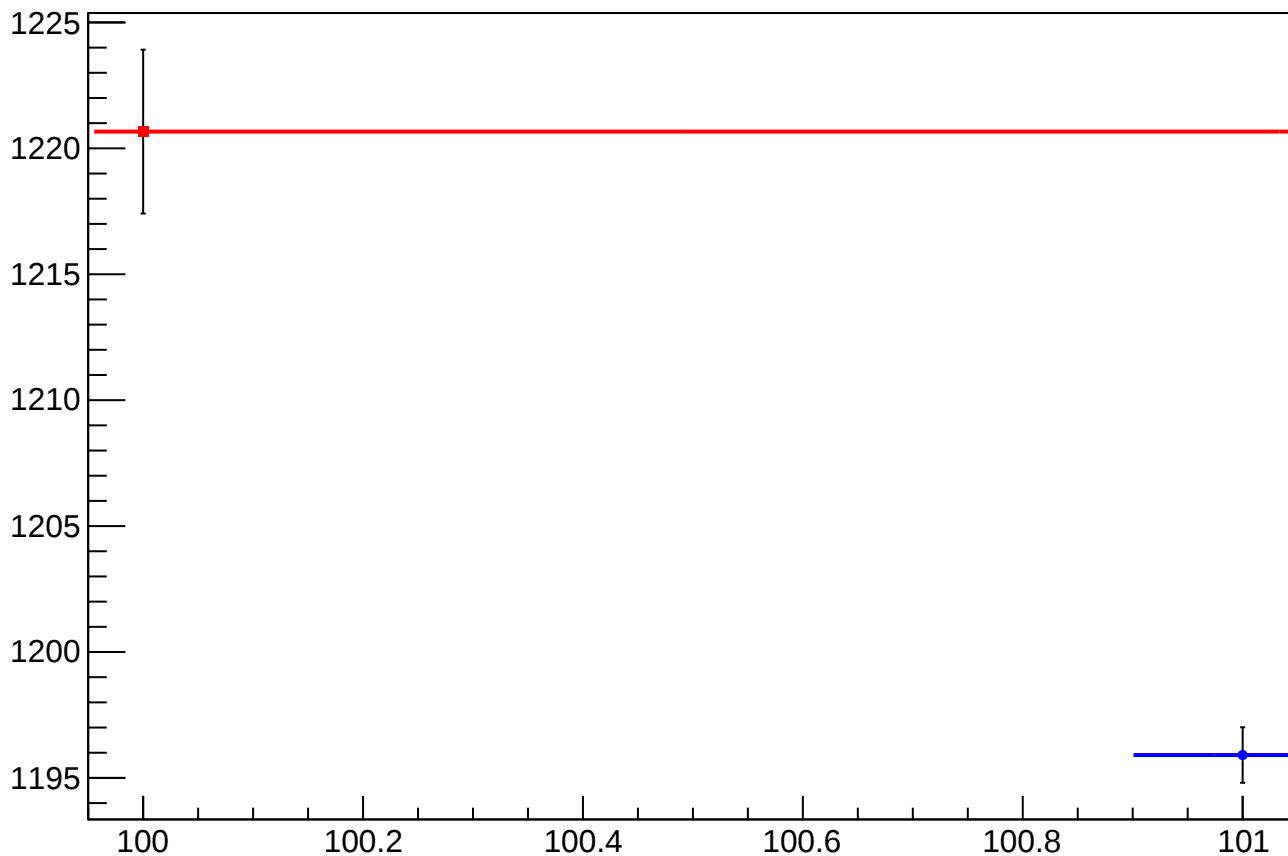
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.700+/-1.558 χ^2/NDF : 0.0/0

-6.468+/-1.476 χ^2/NDF : 2.4/1

-13.160+/-4.601 χ^2/NDF : 0.0/0

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1195.908 $\pm$ 1.102 χ^2/NDF : 0.0/0

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

Right Out: 1220.665 $\pm$ 3.253 χ^2/NDF : 0.0/0

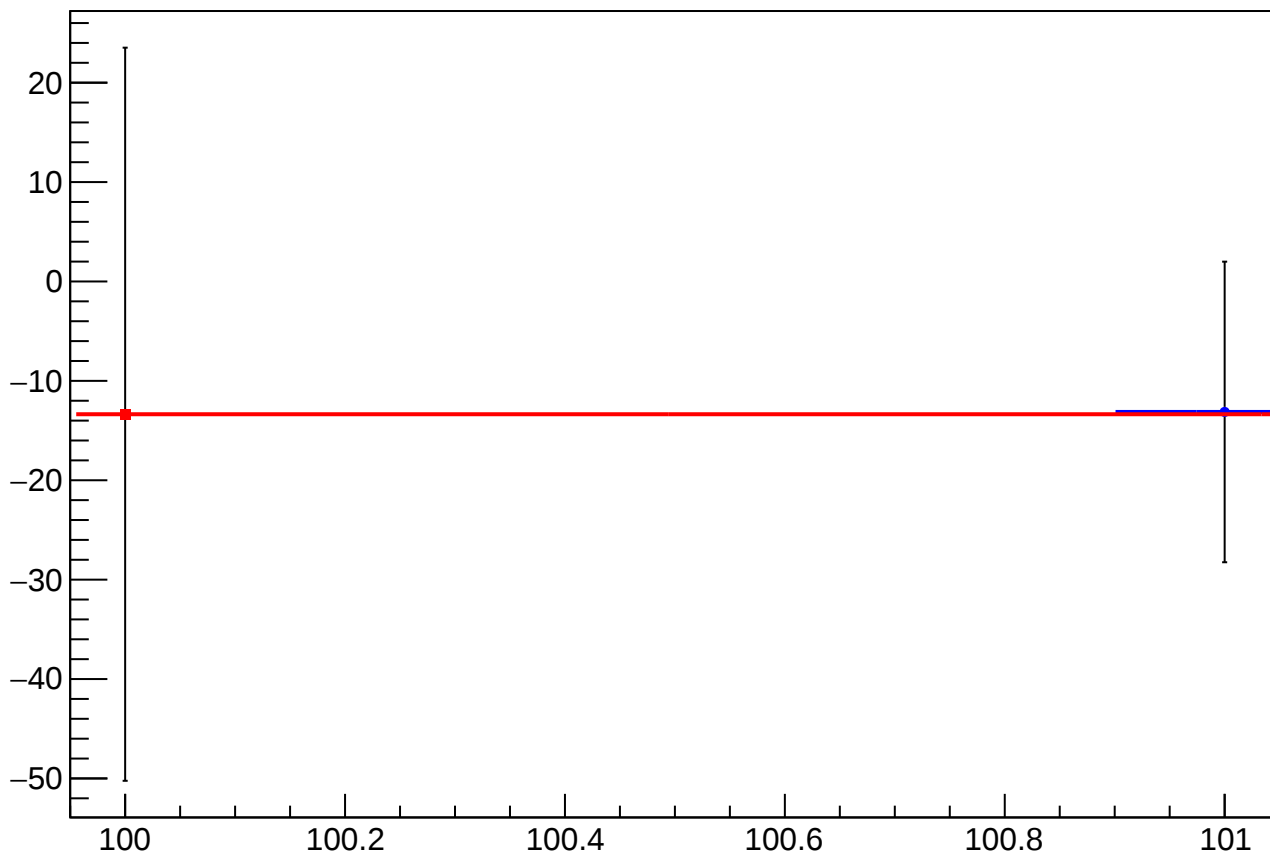
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1195.908 $\pm$ 1.102 χ^2/NDF : 0.0/0

1198.456 $\pm$ 1.044 χ^2/NDF : 52.0/1

1220.665 $\pm$ 3.253 χ^2/NDF : 0.0/0

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -13.128+/-15.122 χ^2/NDF : 0.0/0

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

Right Out: -13.357+/-36.880 χ^2/NDF : 0.0/0

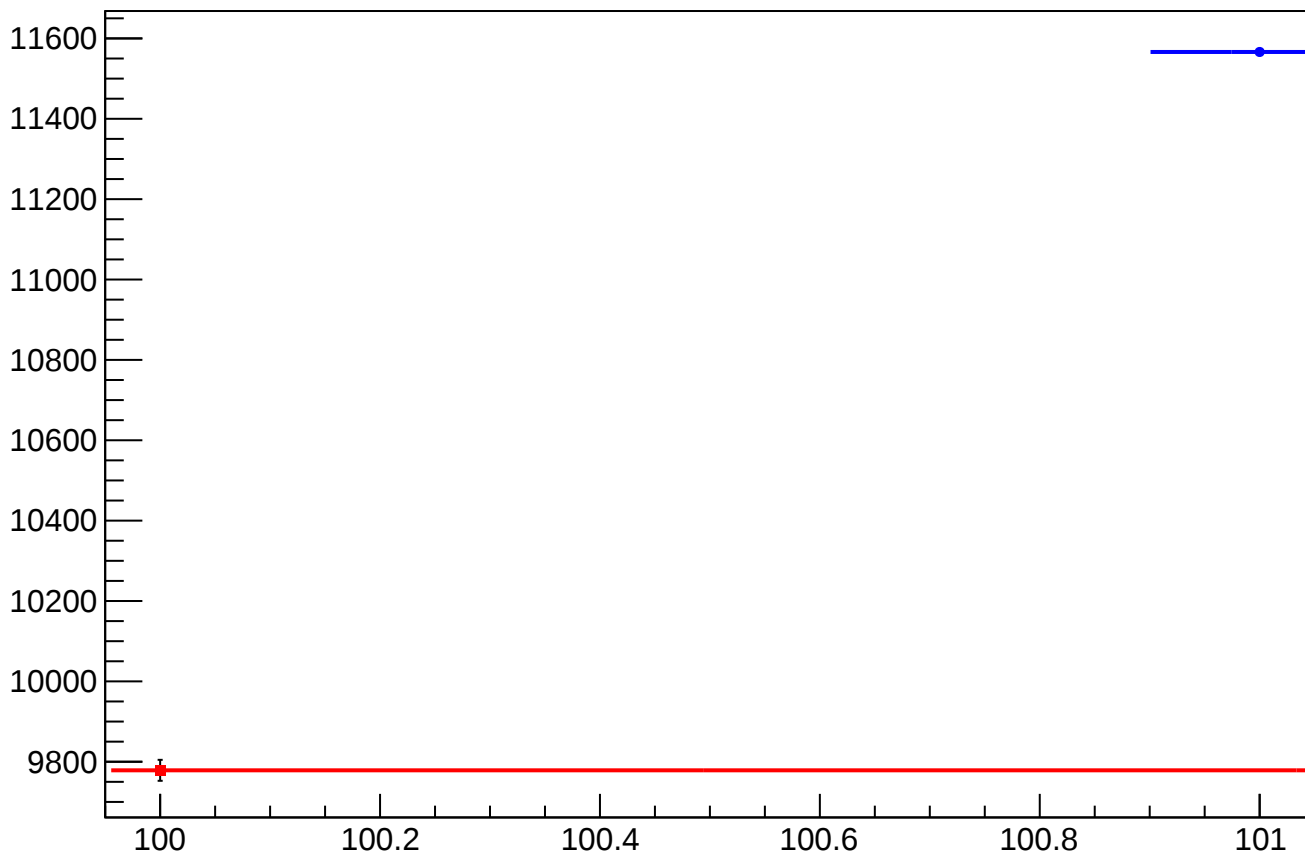
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-13.128+/-15.122 χ^2/NDF : 0.0/0

-13.161+/-13.991 χ^2/NDF : 0.0/1

-13.357+/-36.880 χ^2/NDF : 0.0/0

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 11566.296 $\pm$ 10.693 χ^2/NDF : 0.0/0

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

Right Out: 9778.658 $\pm$ 26.078 χ^2/NDF : 0.0/0

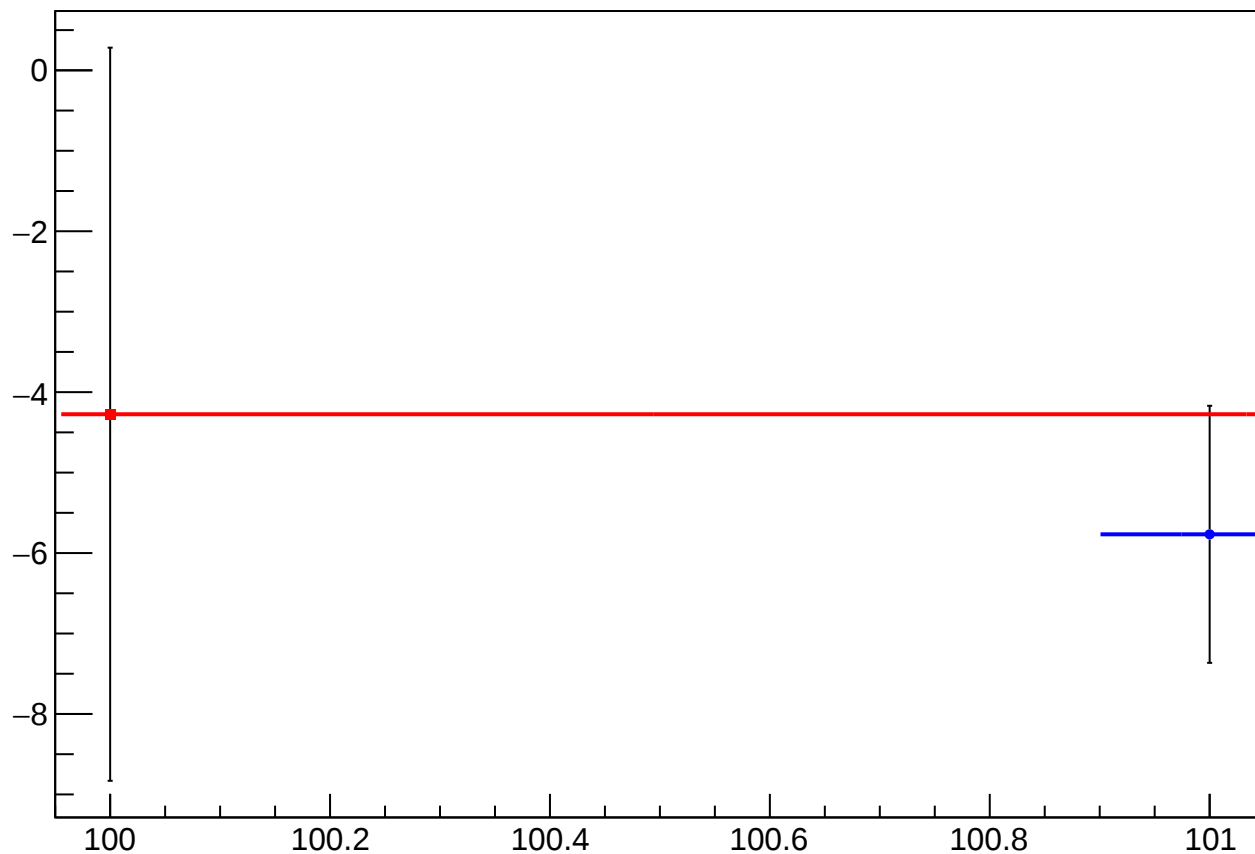
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

11566.296 $\pm$ 10.693 χ^2/NDF : 0.0/0

11309.016 $\pm$ 9.893 χ^2/NDF : 4022.8/1

9778.658 $\pm$ 26.078 χ^2/NDF : 0.0/0

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -5.767+/-1.597 χ^2/NDF : 0.0/0

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

Right Out: -4.275+/-4.556 χ^2/NDF : 0.0/0

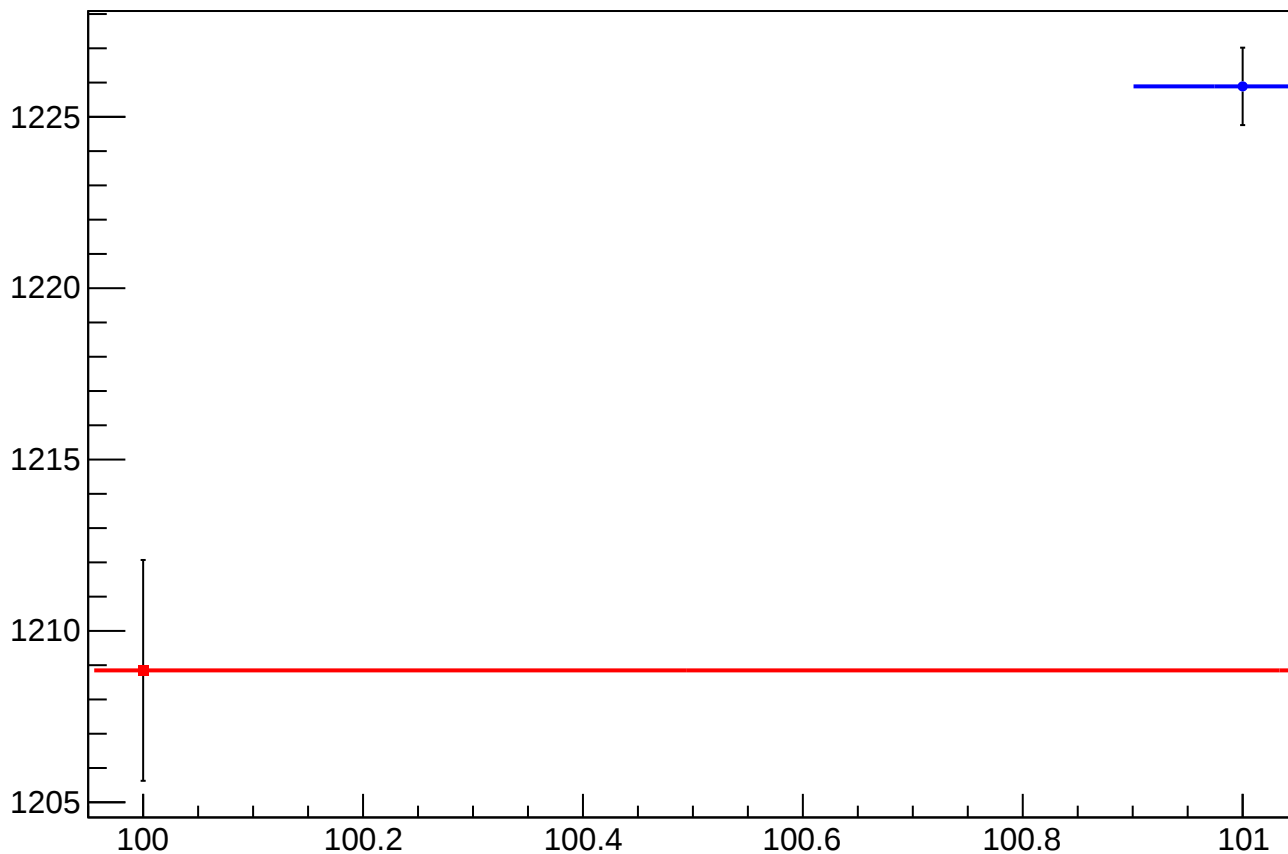
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.767+/-1.597 χ^2/NDF : 0.0/0

-5.604+/-1.507 χ^2/NDF : 0.1/1

-4.275+/-4.556 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1225.889 $\pm$ 1.130 χ^2 /NDF: 0.0/0

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

Right Out: 1208.848 $\pm$ 3.222 χ^2 /NDF: 0.0/0

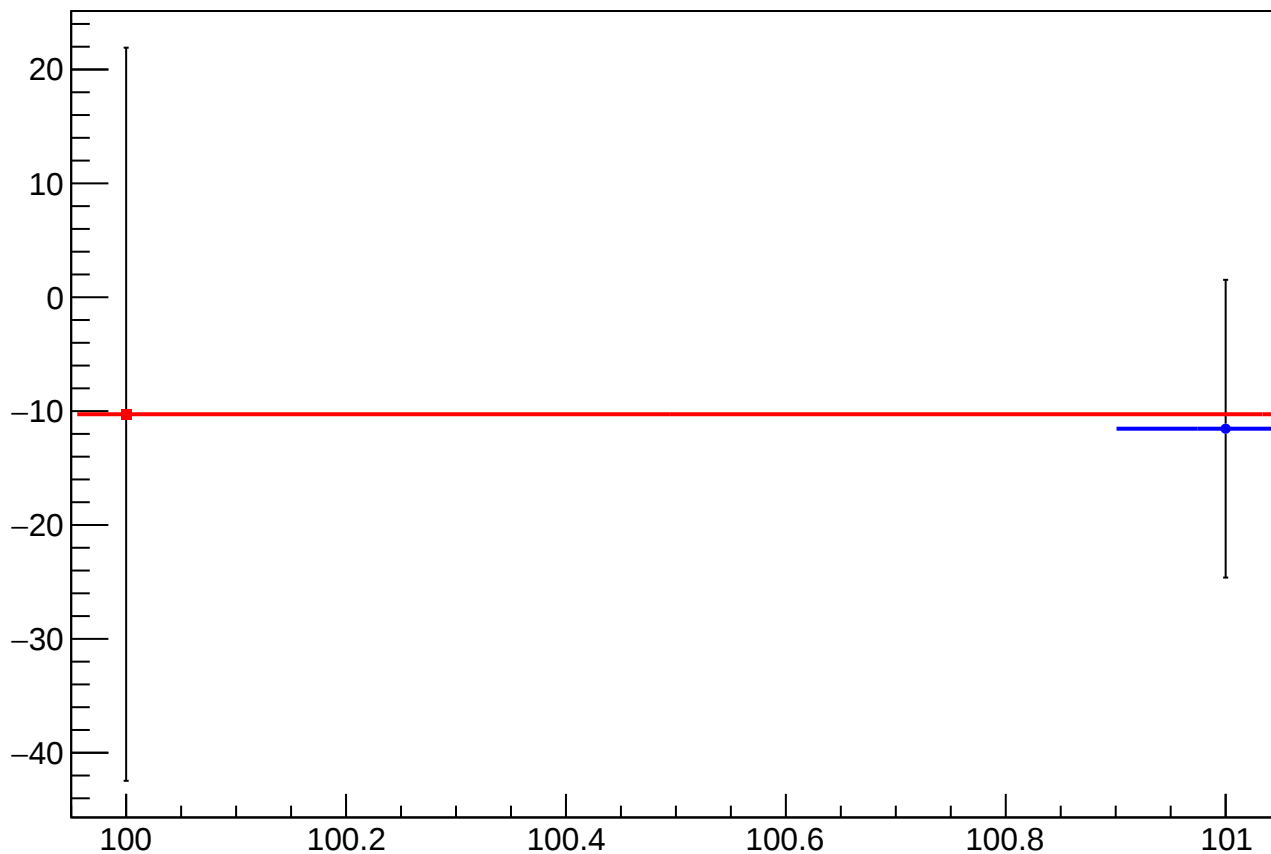
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1225.889 $\pm$ 1.130 χ^2 /NDF: 0.0/0

1224.023 $\pm$ 1.066 χ^2 /NDF: 24.9/1

1208.848 $\pm$ 3.222 χ^2 /NDF: 0.0/0

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: -11.544+/-13.073 χ^2/NDF : 0.0/0

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

Right Out: -10.273+/-32.190 χ^2/NDF : 0.0/0

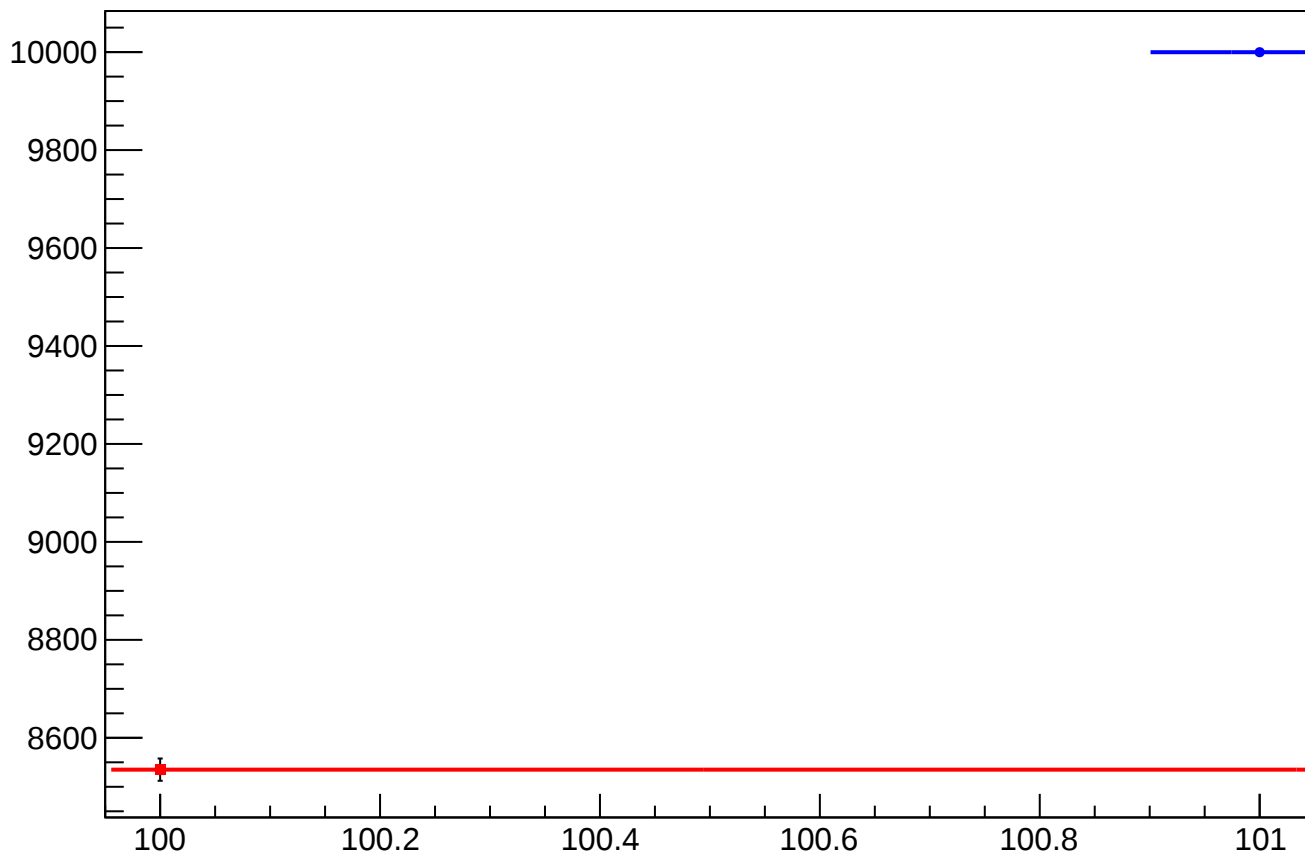
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.544+/-13.073 χ^2/NDF : 0.0/0

-11.364+/-12.112 χ^2/NDF : 0.0/1

-10.273+/-32.190 χ^2/NDF : 0.0/0

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 9999.821 $\pm$ 9.244 χ^2 /NDF: 0.0/0

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

Right Out: 8535.003 $\pm$ 22.762 χ^2 /NDF: 0.0/0

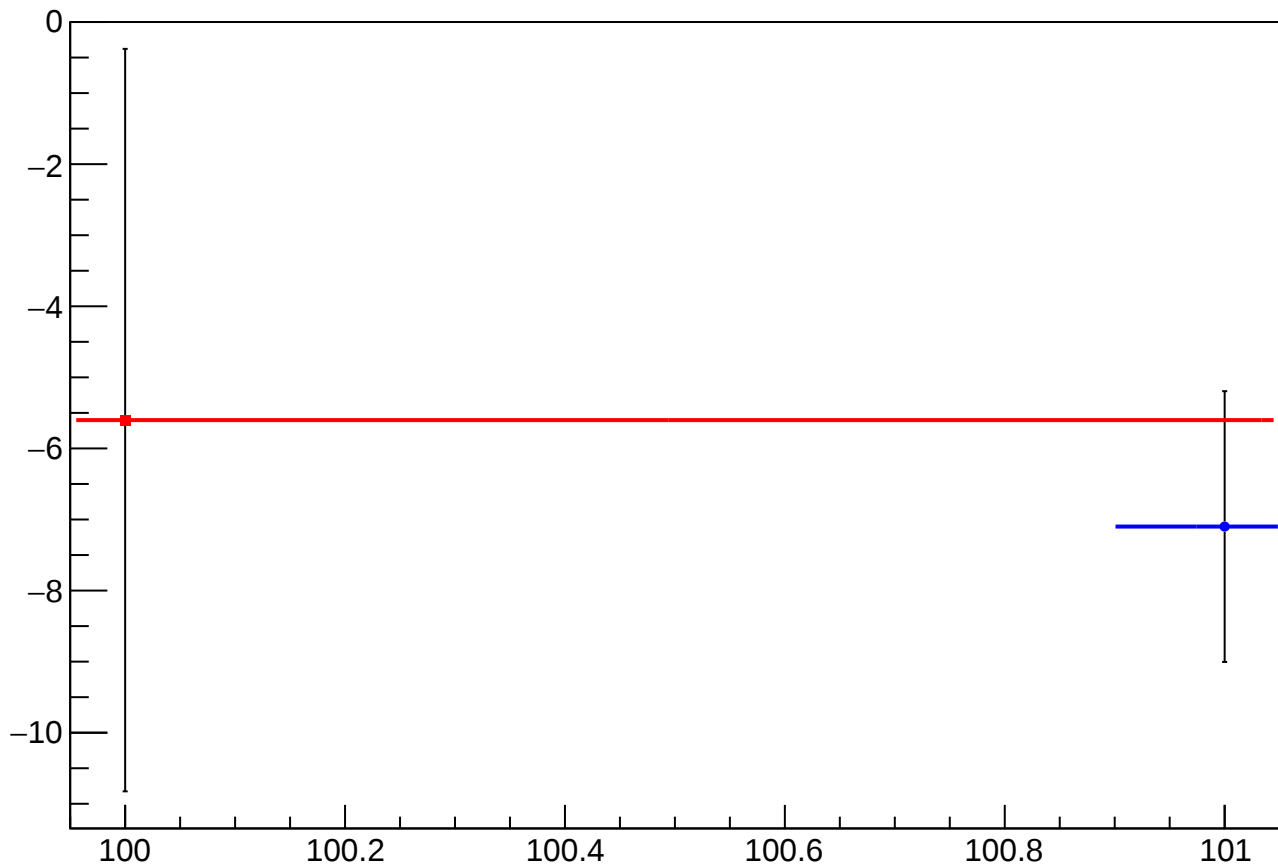
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9999.821 $\pm$ 9.244 χ^2 /NDF: 0.0/0

9792.426 $\pm$ 8.565 χ^2 /NDF: 3555.2/1

8535.003 $\pm$ 22.762 χ^2 /NDF: 0.0/0

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.099+/-1.905 χ^2/NDF : 0.0/0

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

Right Out: -5.601+/-5.223 χ^2/NDF : 0.0/0

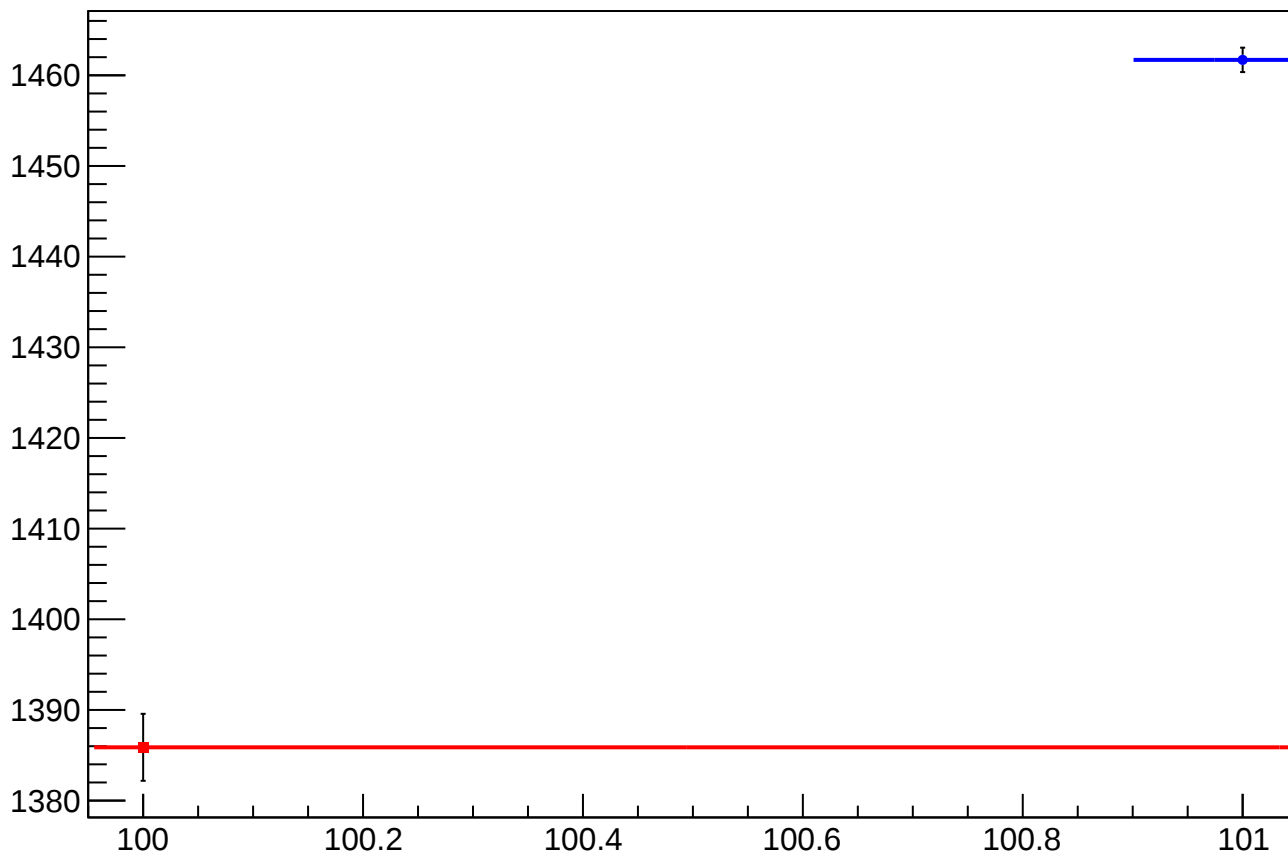
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.099+/-1.905 χ^2/NDF : 0.0/0

-6.924+/-1.790 χ^2/NDF : 0.1/1

-5.601+/-5.223 χ^2/NDF : 0.0/0

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1461.702+/-1.347 χ^2/NDF : 0.0/0

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

Right Out: 1385.878+/-3.694 χ^2/NDF : 0.0/0

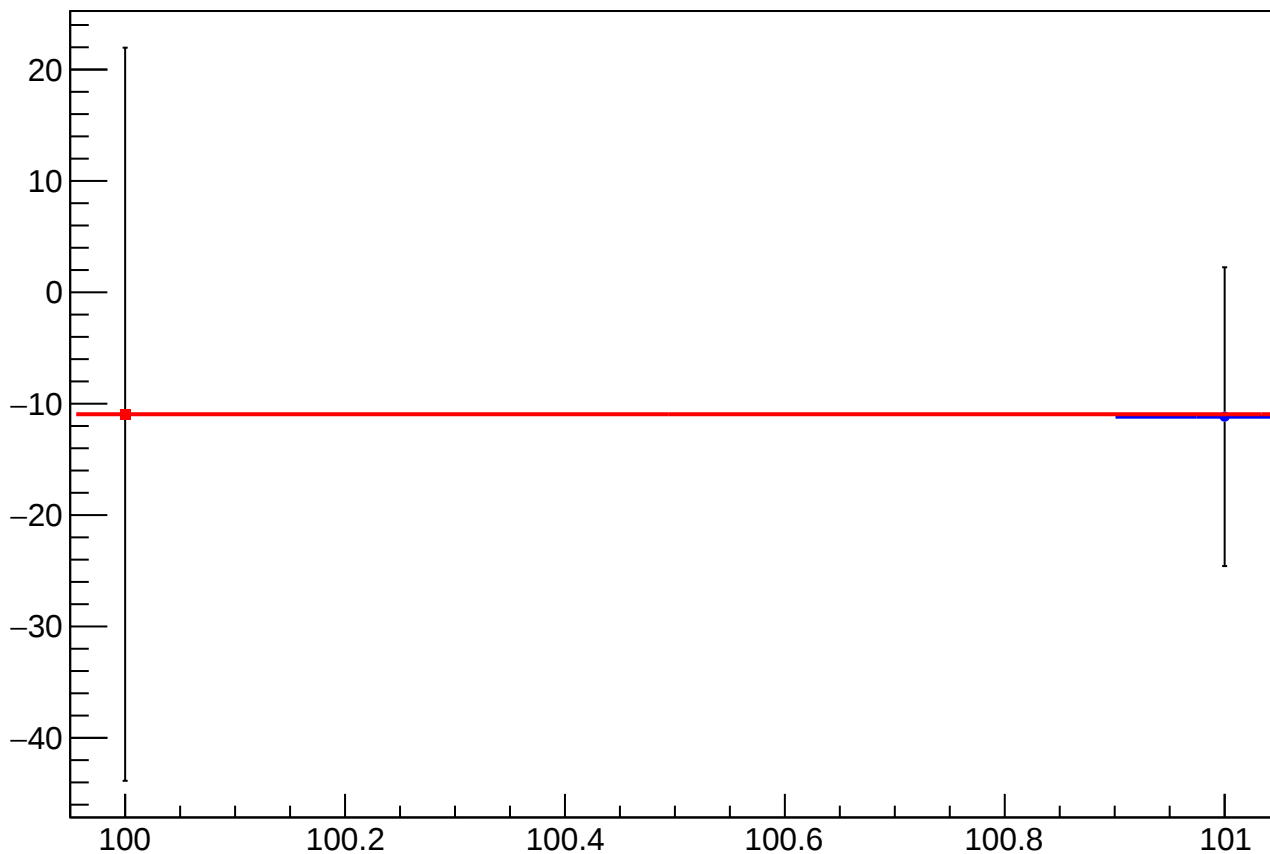
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1461.702+/-1.347 χ^2/NDF : 0.0/0

1452.800+/-1.266 χ^2/NDF : 372.0/1

1385.878+/-3.694 χ^2/NDF : 0.0/0

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: -11.165+/-13.413 χ^2/NDF : 0.0/0

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

Right Out: -10.946+/-32.910 χ^2/NDF : 0.0/0

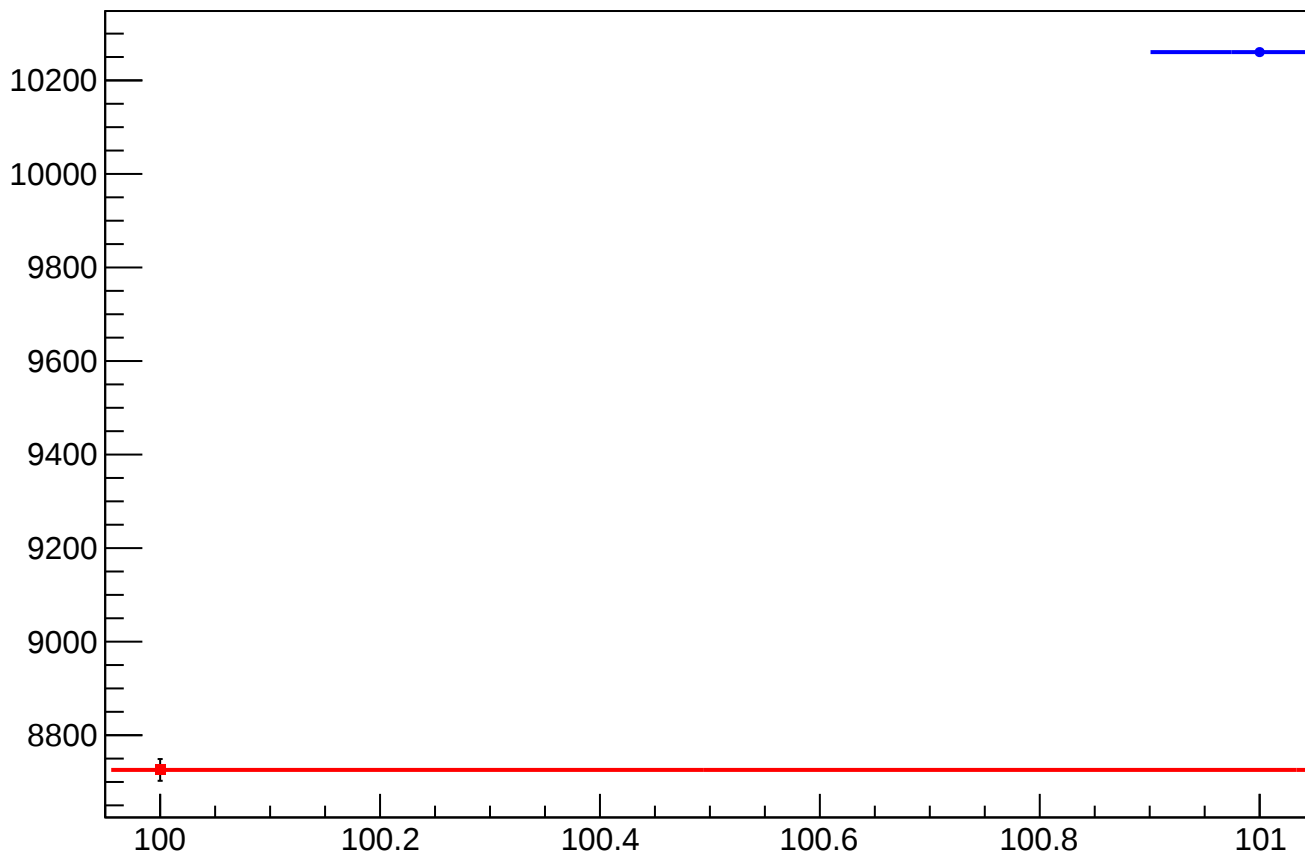
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-11.165+/-13.413 χ^2/NDF : 0.0/0

-11.133+/-12.421 χ^2/NDF : 0.0/1

-10.946+/-32.910 χ^2/NDF : 0.0/0

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 10260.473 $\pm$ 9.484 χ^2/NDF : 0.0/0

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

Right Out: 8725.781 $\pm$ 23.271 χ^2/NDF : 0.0/0

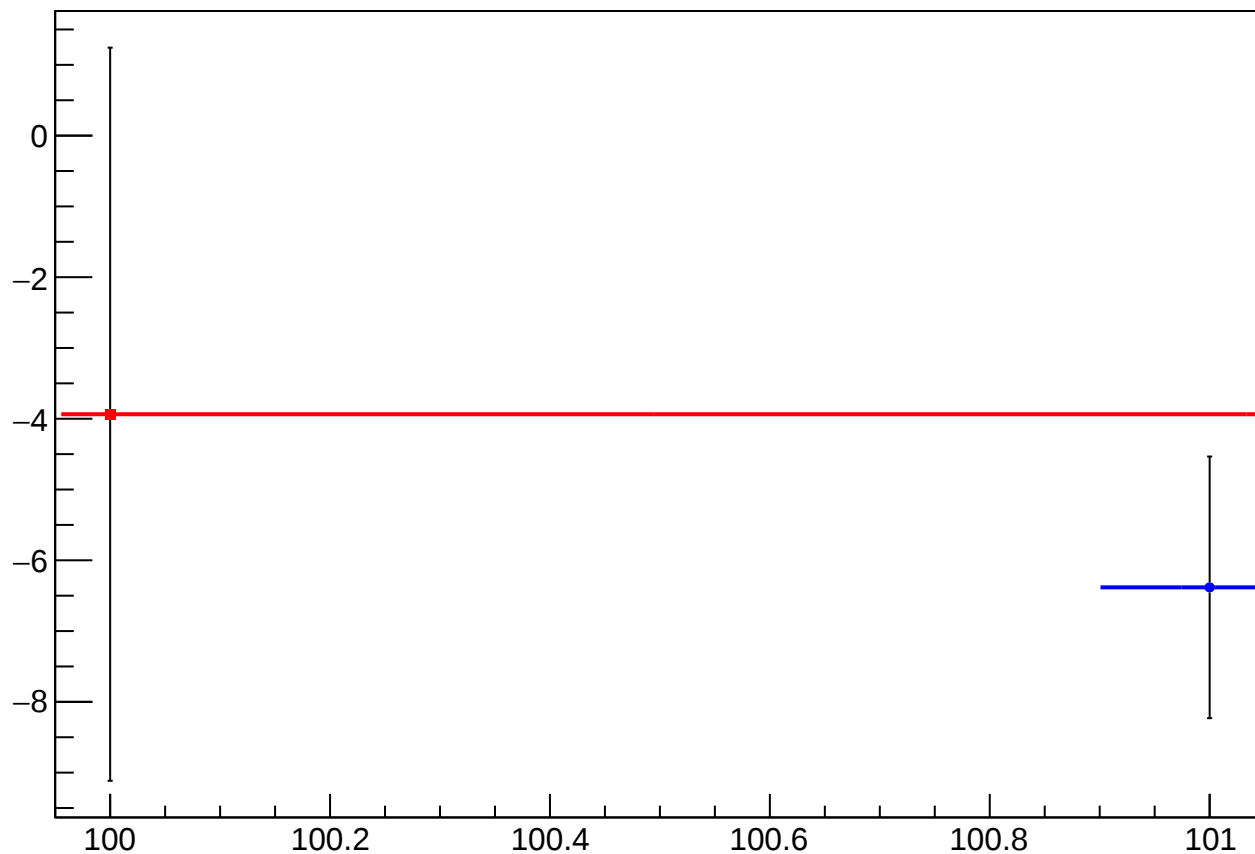
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

10260.473 $\pm$ 9.484 χ^2/NDF : 0.0/0

10041.854 $\pm$ 8.783 χ^2/NDF : 3729.8/1

8725.781 $\pm$ 23.271 χ^2/NDF : 0.0/0

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -6.382+/-1.848 χ^2/NDF : 0.0/0

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

Right Out: -3.936+/-5.179 χ^2/NDF : 0.0/0

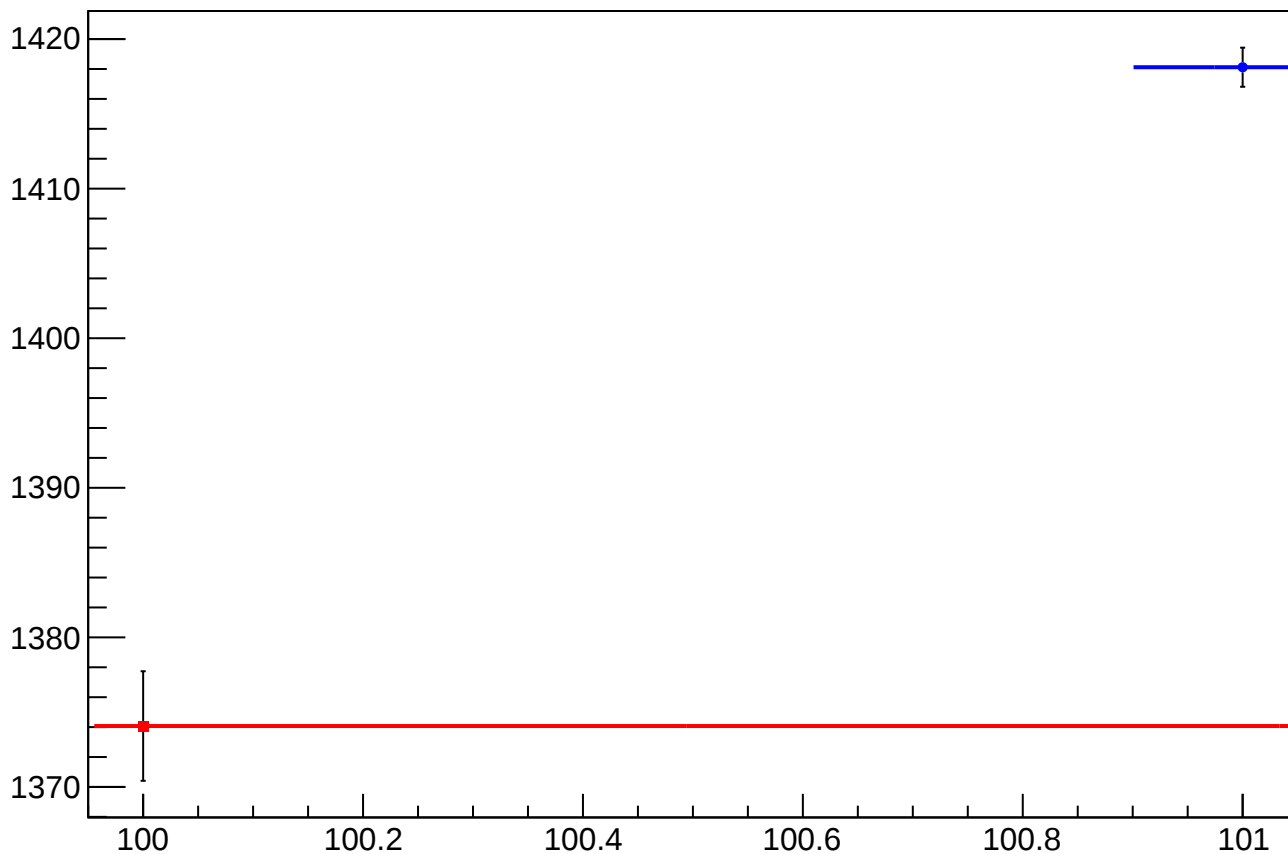
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.382+/-1.848 χ^2/NDF : 0.0/0

-6.106+/-1.741 χ^2/NDF : 0.2/1

-3.936+/-5.179 χ^2/NDF : 0.0/0

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1418.119 $\pm$ 1.307 χ^2/NDF : 0.0/0

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

Right Out: 1374.073 $\pm$ 3.662 χ^2/NDF : 0.0/0

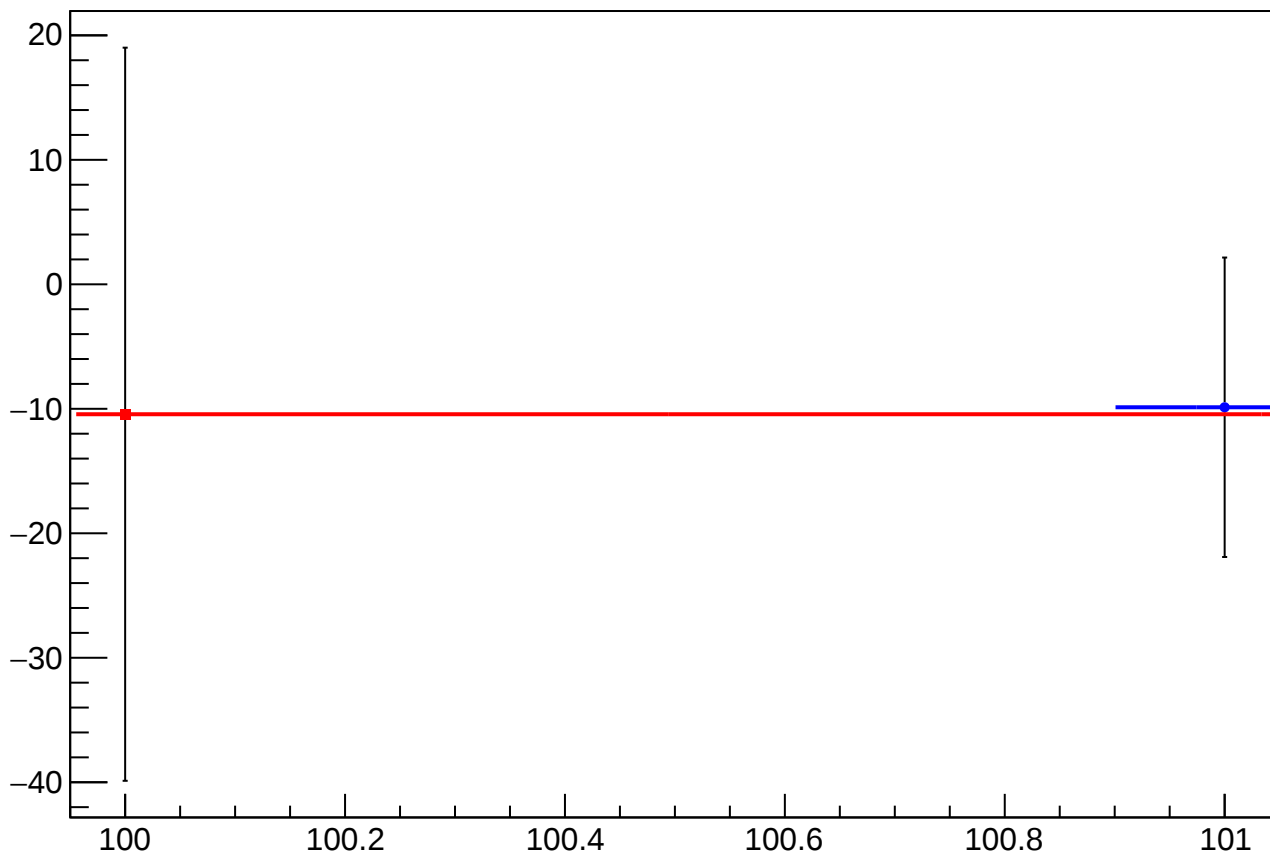
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1418.119 $\pm$ 1.307 χ^2/NDF : 0.0/0

1413.143 $\pm$ 1.231 χ^2/NDF : 128.3/1

1374.073 $\pm$ 3.662 χ^2/NDF : 0.0/0

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -9.877+/-12.028 χ^2/NDF : 0.0/0

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

Right Out: -10.436+/-29.447 χ^2/NDF : 0.0/0

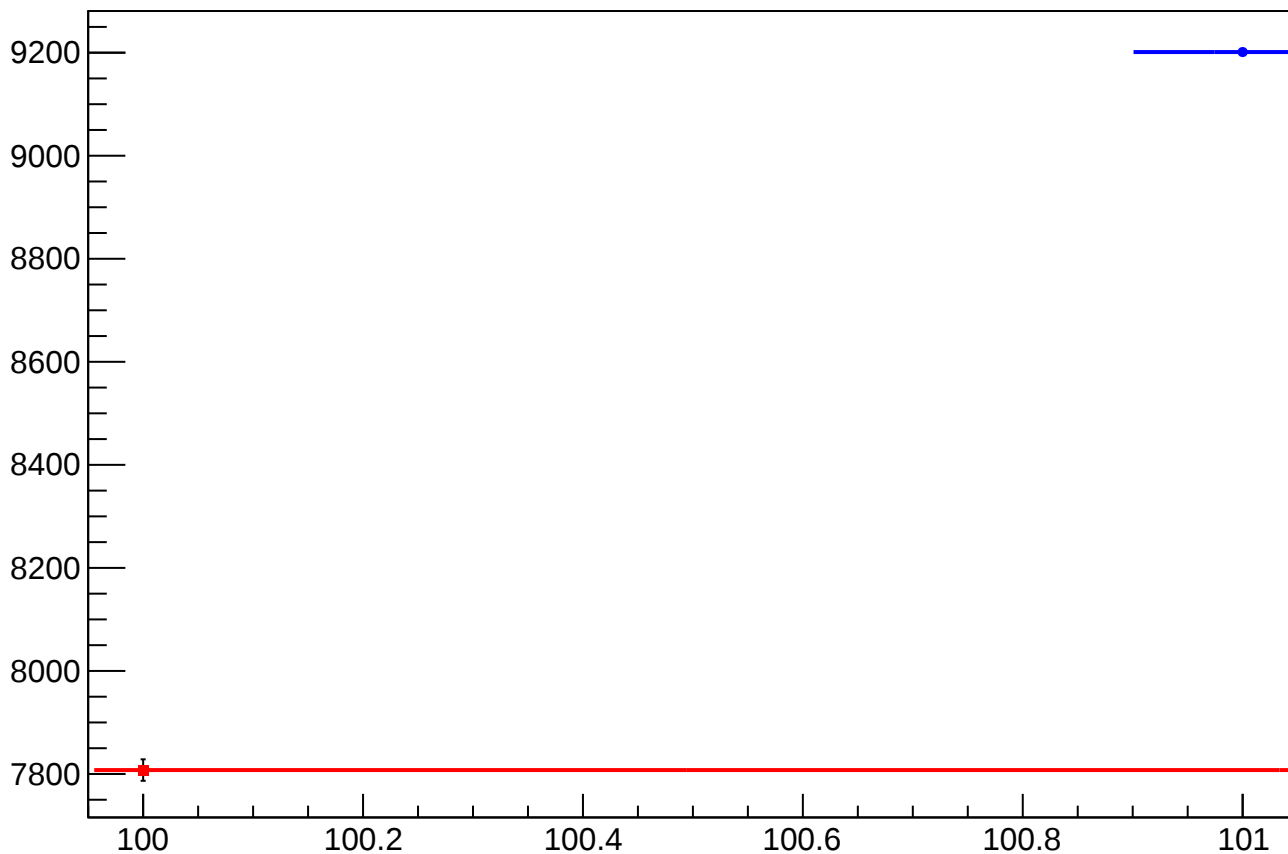
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.877+/-12.028 χ^2/NDF : 0.0/0

-9.957+/-11.135 χ^2/NDF : 0.0/1

-10.436+/-29.447 χ^2/NDF : 0.0/0

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 9201.215 $\pm$ 8.505 χ^2/NDF : 0.0/0

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

Right Out: 7807.593 $\pm$ 20.822 χ^2/NDF : 0.0/0

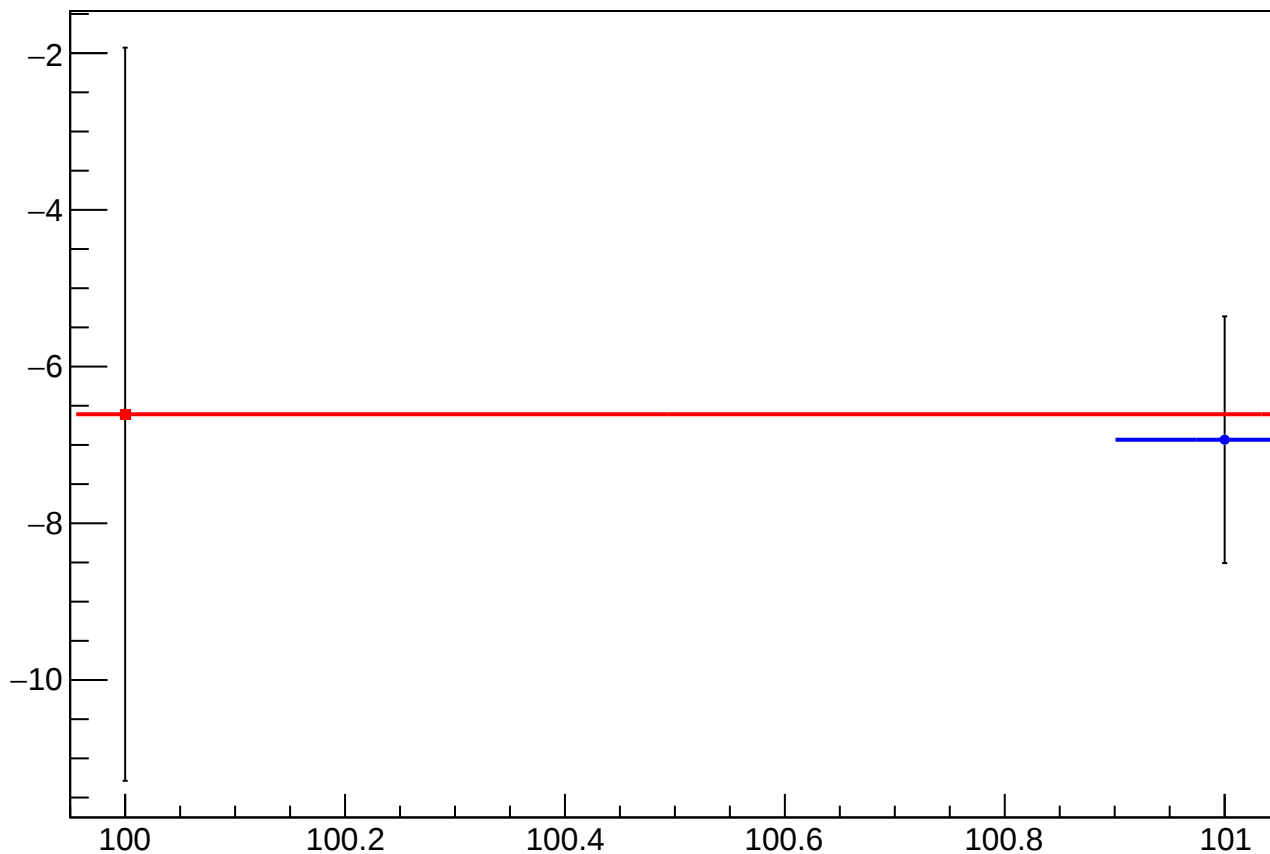
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

9201.215 $\pm$ 8.505 χ^2/NDF : 0.0/0

9001.952 $\pm$ 7.873 χ^2/NDF : 3839.2/1

7807.593 $\pm$ 20.822 χ^2/NDF : 0.0/0

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -6.934+/-1.574 χ^2/NDF : 0.0/0

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

Right Out: -6.608+/-4.678 χ^2/NDF : 0.0/0

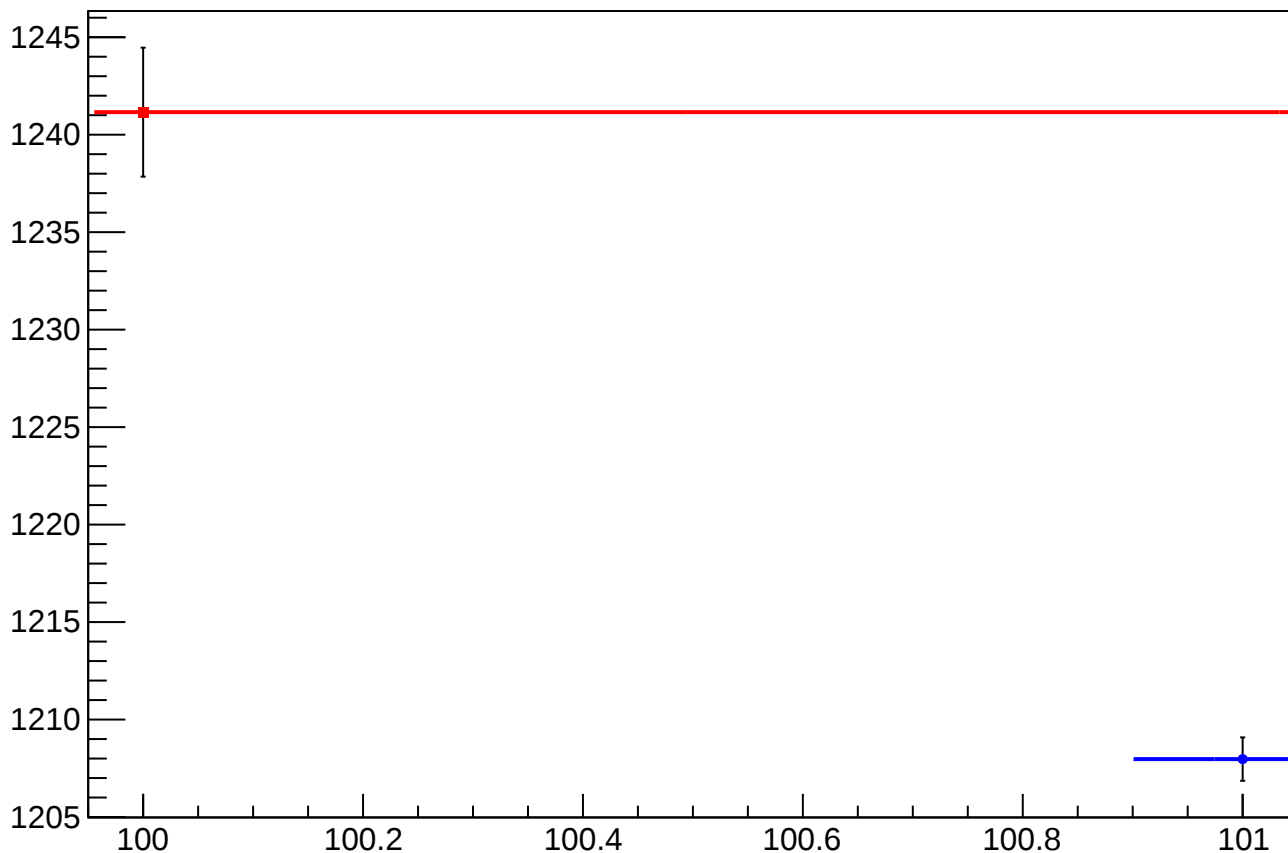
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6.934+/-1.574 χ^2/NDF : 0.0/0

-6.900+/-1.492 χ^2/NDF : 0.0/1

-6.608+/-4.678 χ^2/NDF : 0.0/0

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 1207.972 $\pm$ 1.113 χ^2/NDF : 0.0/0

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

Right Out: 1241.156 $\pm$ 3.308 χ^2/NDF : 0.0/0

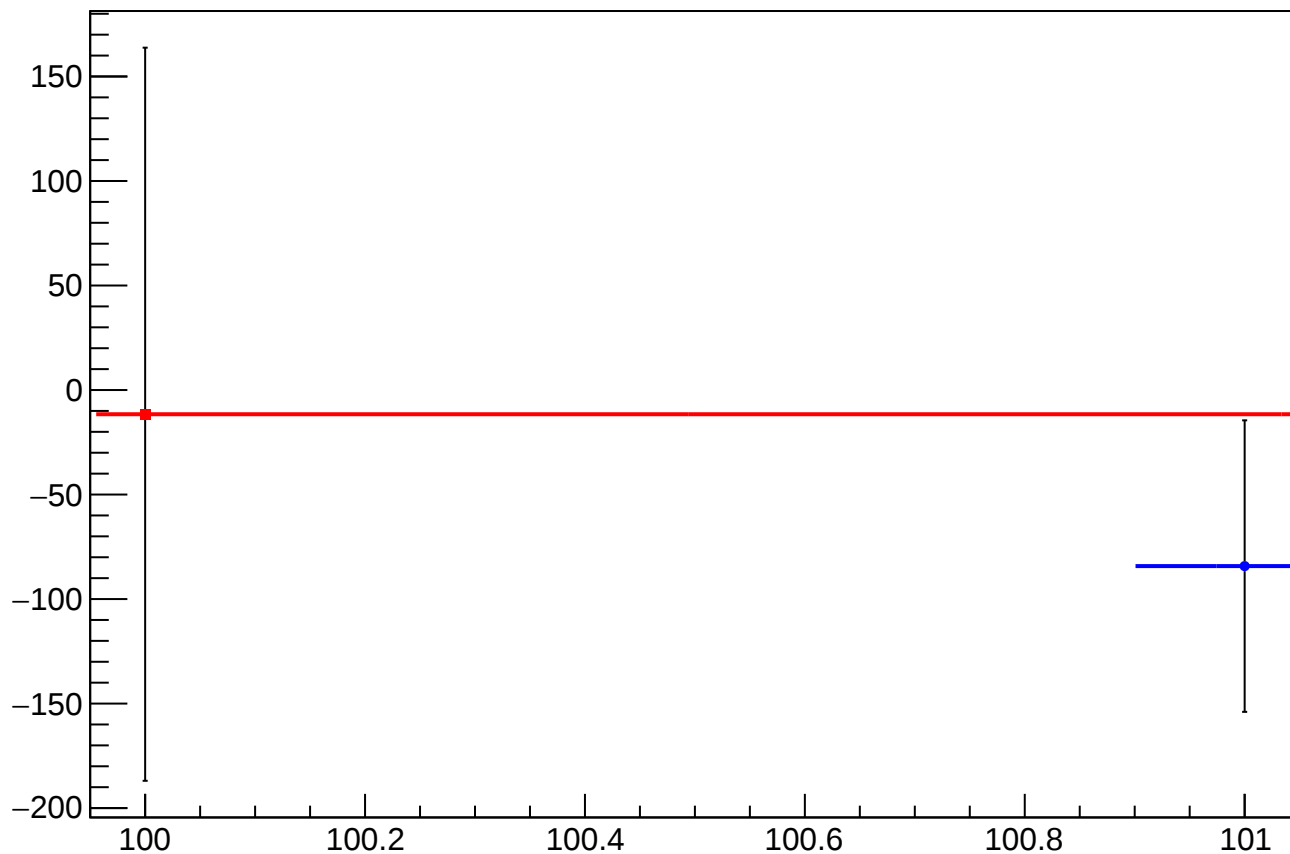
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1207.972 $\pm$ 1.113 χ^2/NDF : 0.0/0

1211.347 $\pm$ 1.055 χ^2/NDF : 90.4/1

1241.156 $\pm$ 3.308 χ^2/NDF : 0.0/0

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -84.230+/-69.733 χ^2 /NDF: 0.0/0

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

Right Out: -11.580+/-175.362 χ^2 /NDF: 0.0/0

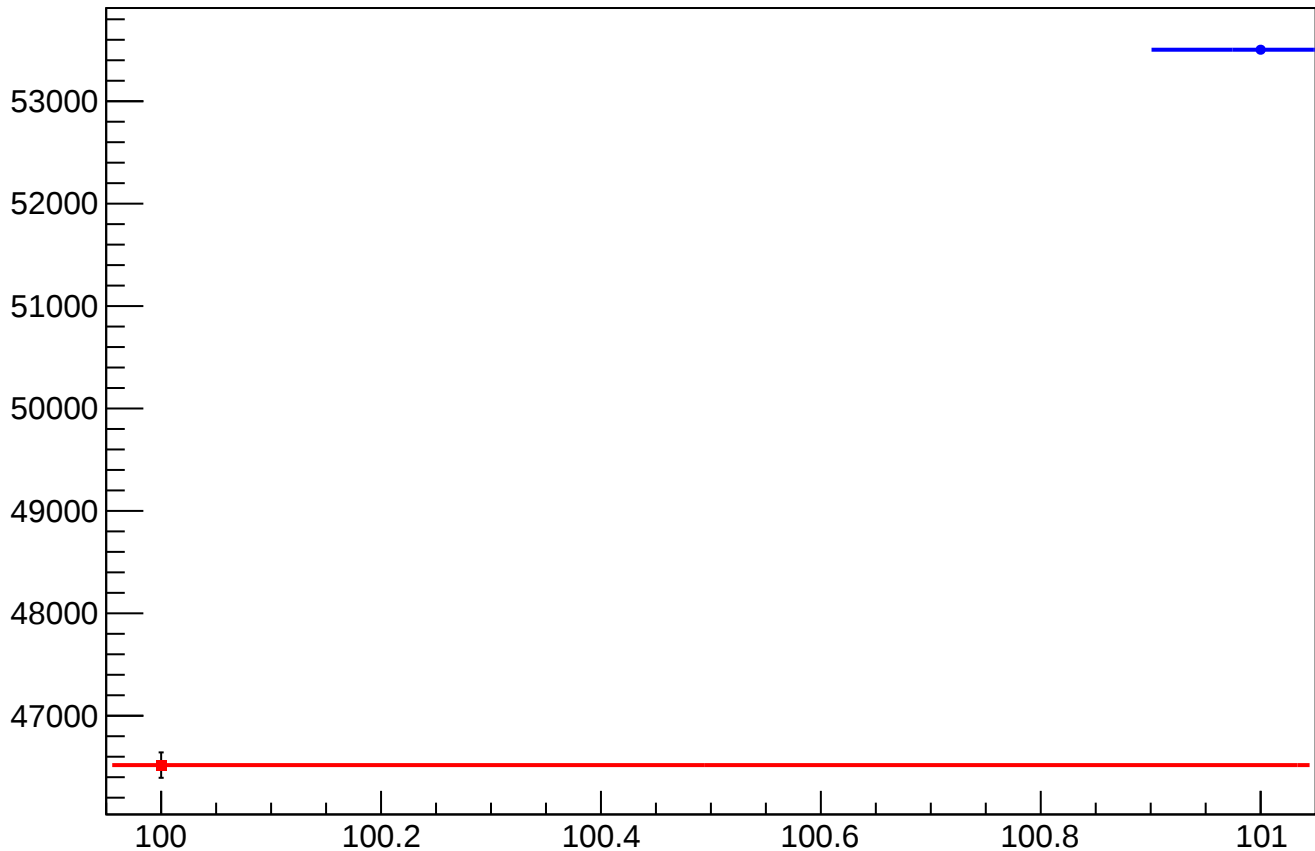
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-84.230+/-69.733 χ^2 /NDF: 0.0/0

-74.311+/-64.798 χ^2 /NDF: 0.1/1

-11.580+/-175.362 χ^2 /NDF: 0.0/0

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 53502.955 $\pm$ 49.309 χ^2/NDF : 0.0/0

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

Right Out: 46518.141 $\pm$ 123.999 χ^2/NDF : 0.0/0

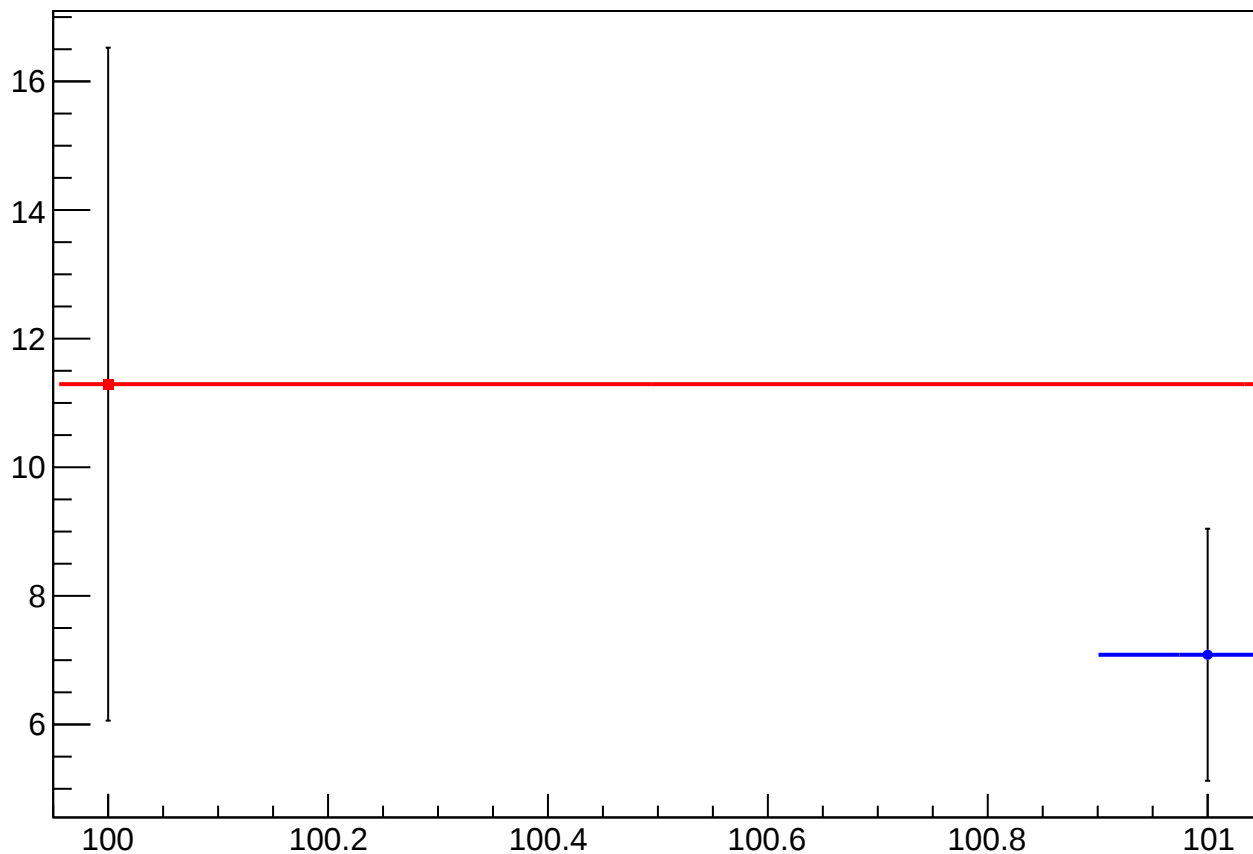
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

53502.955 $\pm$ 49.309 χ^2/NDF : 0.0/0

52549.264 $\pm$ 45.819 χ^2/NDF : 2739.8/1

46518.141 $\pm$ 123.999 χ^2/NDF : 0.0/0

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 7.084 $\pm$ 1.960 χ^2 /NDF: 0.0/0

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

Right Out: 11.292 $\pm$ 5.232 χ^2 /NDF: 0.0/0

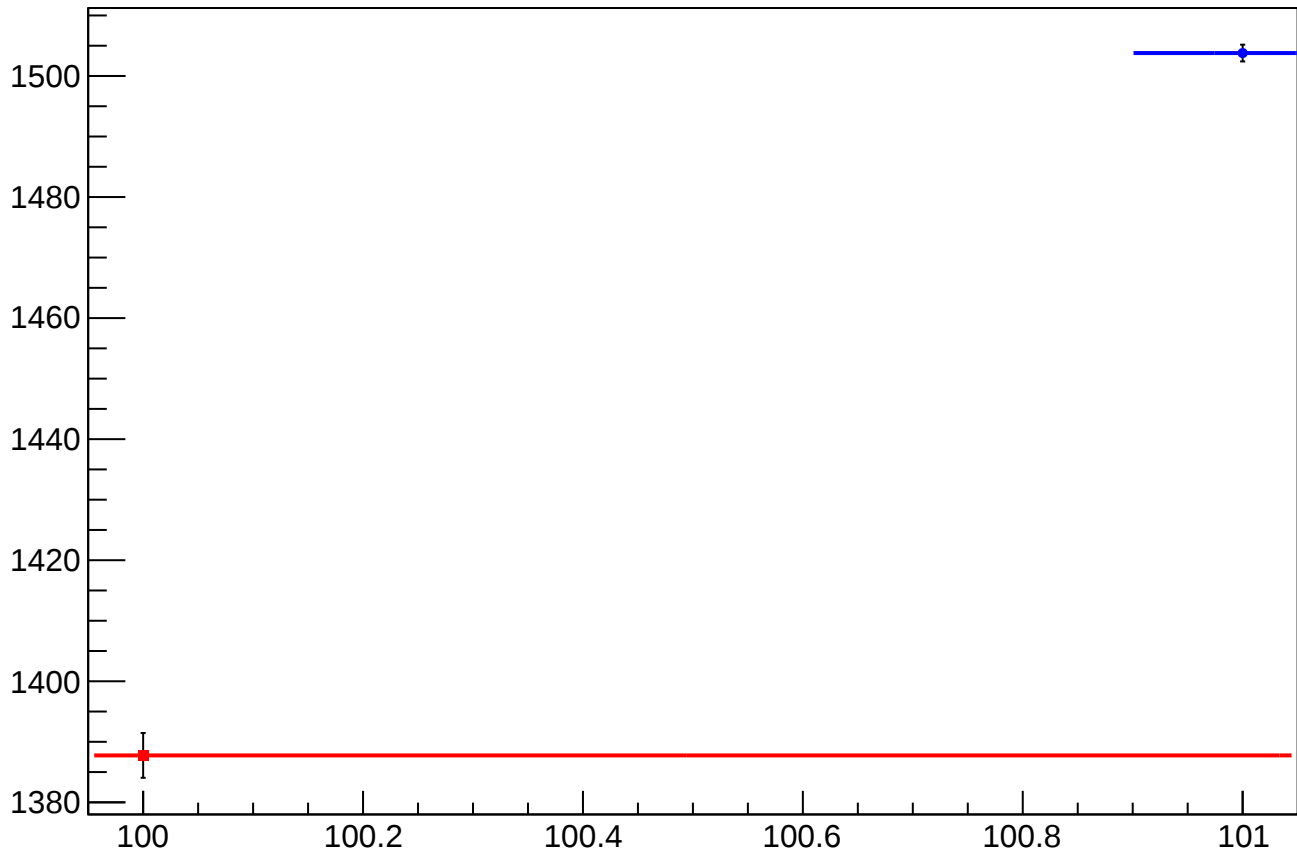
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.084 $\pm$ 1.960 χ^2 /NDF: 0.0/0

7.602 $\pm$ 1.835 χ^2 /NDF: 0.6/1

11.292 $\pm$ 5.232 χ^2 /NDF: 0.0/0

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 1503.787 $\pm$ 1.386 χ^2 /NDF: 0.0/0

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

Right Out: 1387.753 $\pm$ 3.700 χ^2 /NDF: 0.0/0

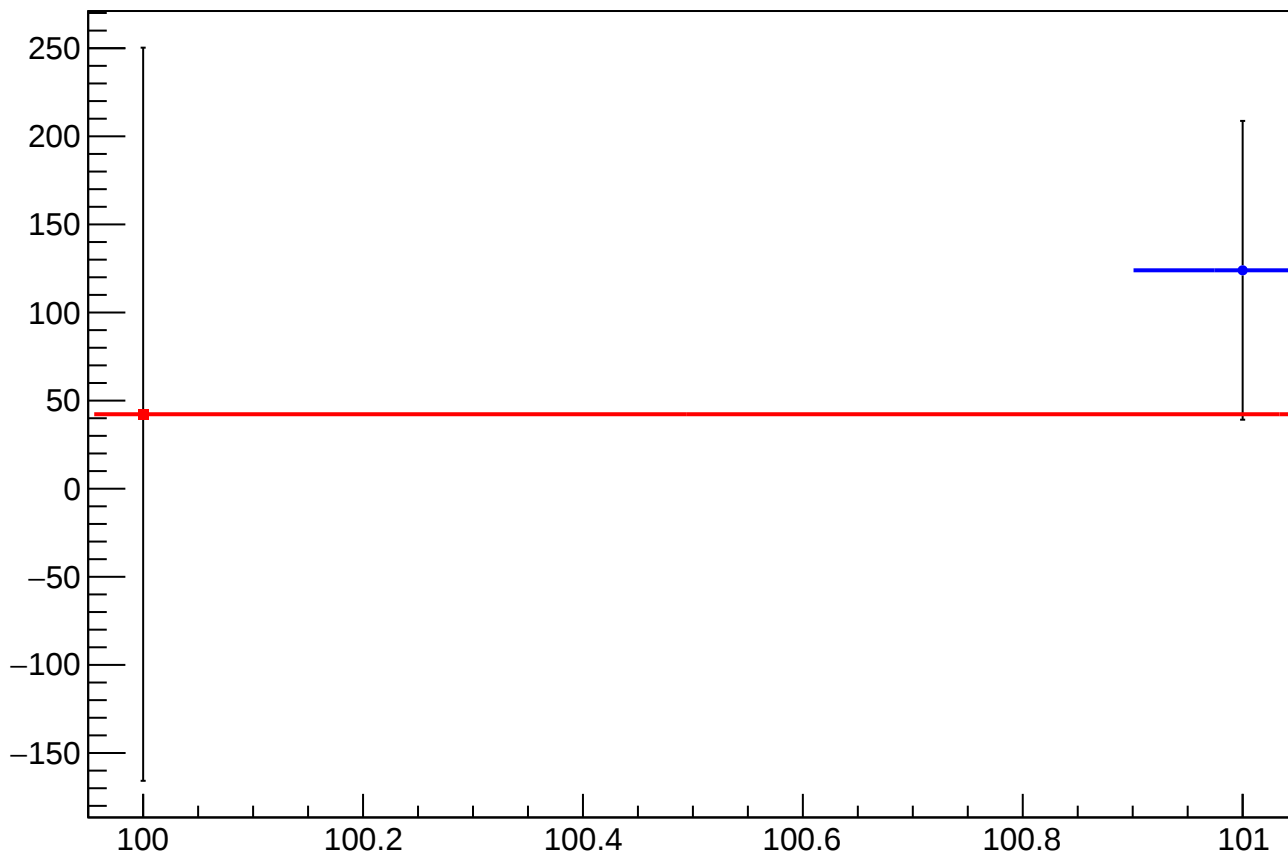
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1503.787 $\pm$ 1.386 χ^2 /NDF: 0.0/0

1489.509 $\pm$ 1.298 χ^2 /NDF: 862.6/1

1387.753 $\pm$ 3.700 χ^2 /NDF: 0.0/0

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 123.957 $\pm$ 84.787 χ^2 /NDF: 0.0/0

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

Right Out: 42.268 $\pm$ 208.045 χ^2 /NDF: 0.0/0

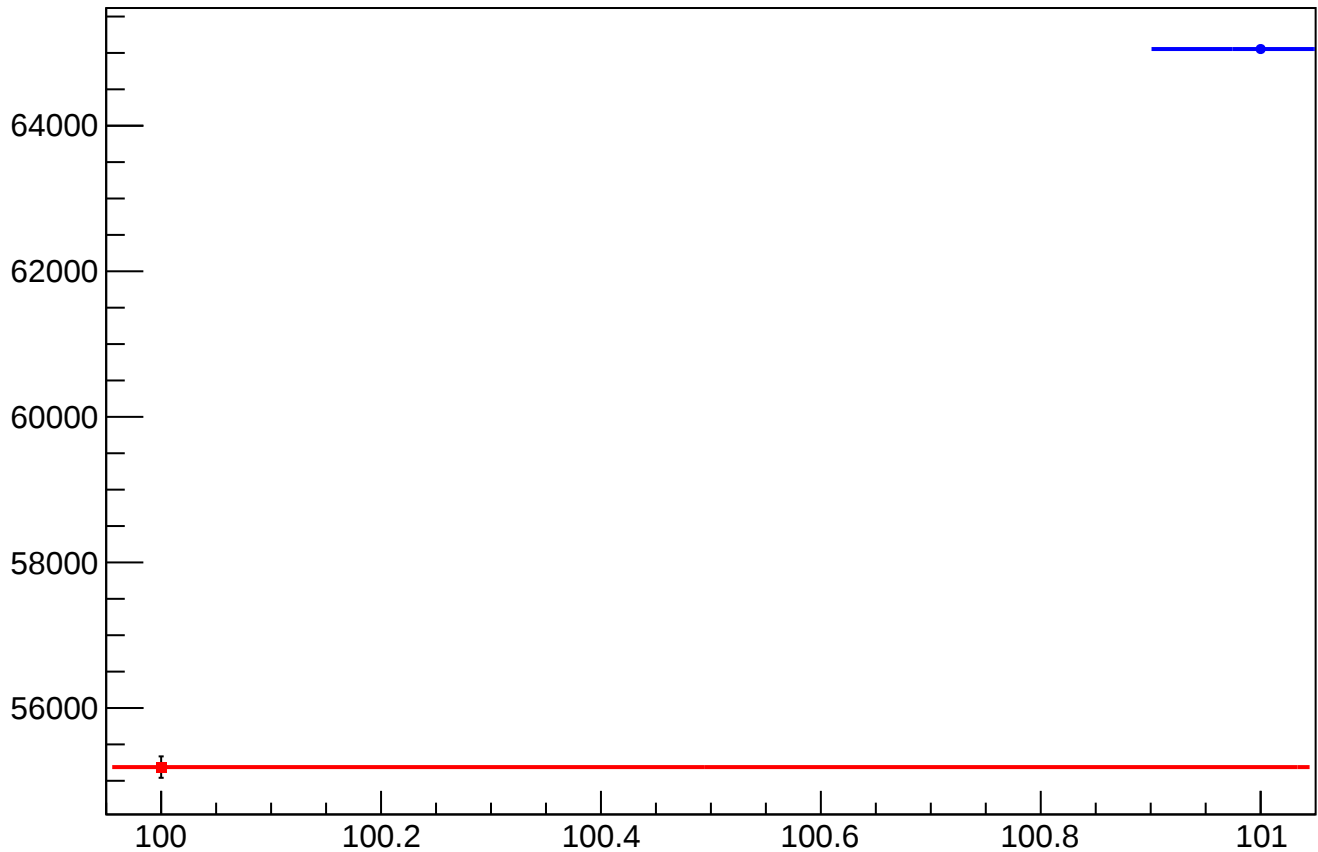
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

123.957 $\pm$ 84.787 χ^2 /NDF: 0.0/0

112.322 $\pm$ 78.517 χ^2 /NDF: 0.1/1

42.268 $\pm$ 208.045 χ^2 /NDF: 0.0/0

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 65053.556 $\pm$ 59.954 χ^2 /NDF: 0.0/0

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

Right Out: 55188.233 $\pm$ 147.110 χ^2 /NDF: 0.0/0

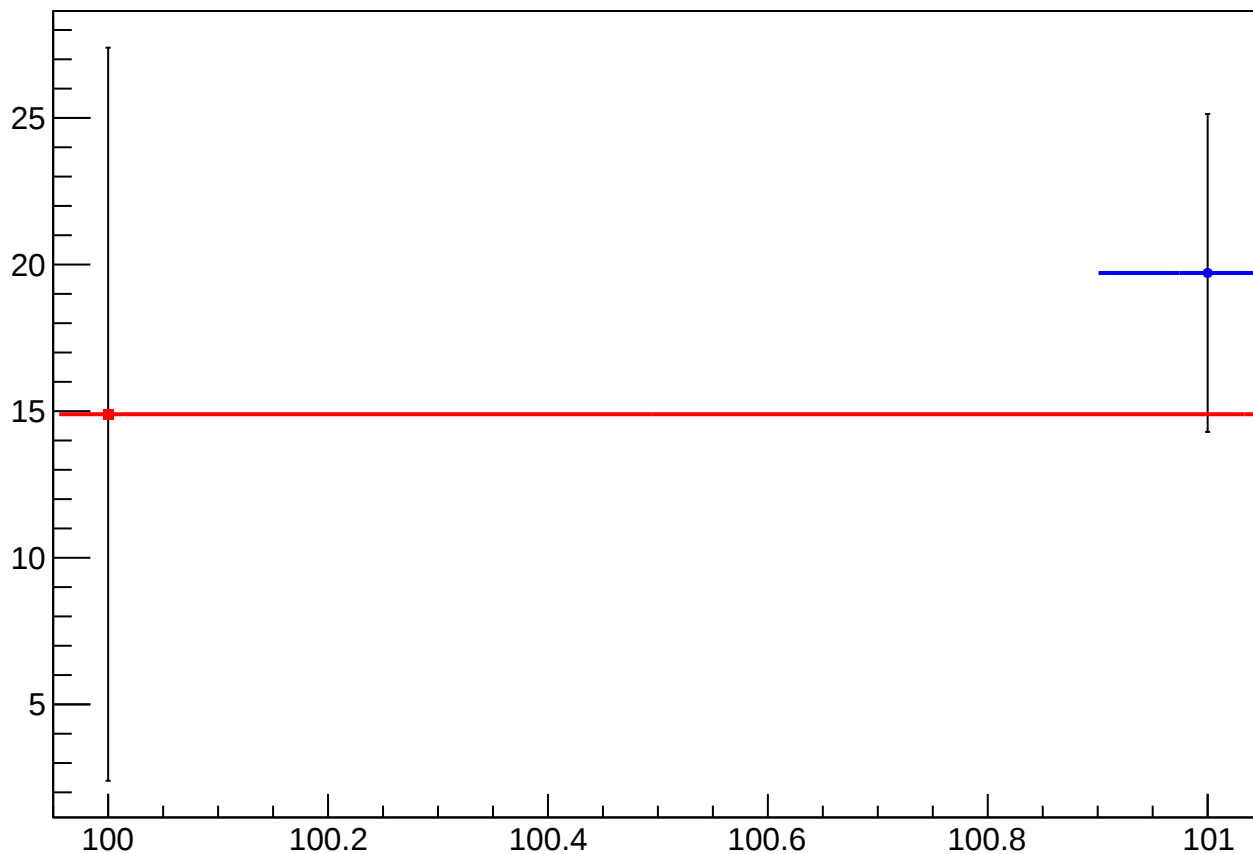
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

65053.556 $\pm$ 59.954 χ^2 /NDF: 0.0/0

63648.401 $\pm$ 55.520 χ^2 /NDF: 3856.6/1

55188.233 $\pm$ 147.110 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 19.713+/-5.421 χ^2/NDF : 0.0/0

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

Right Out: 14.895+/-12.501 χ^2/NDF : 0.0/0

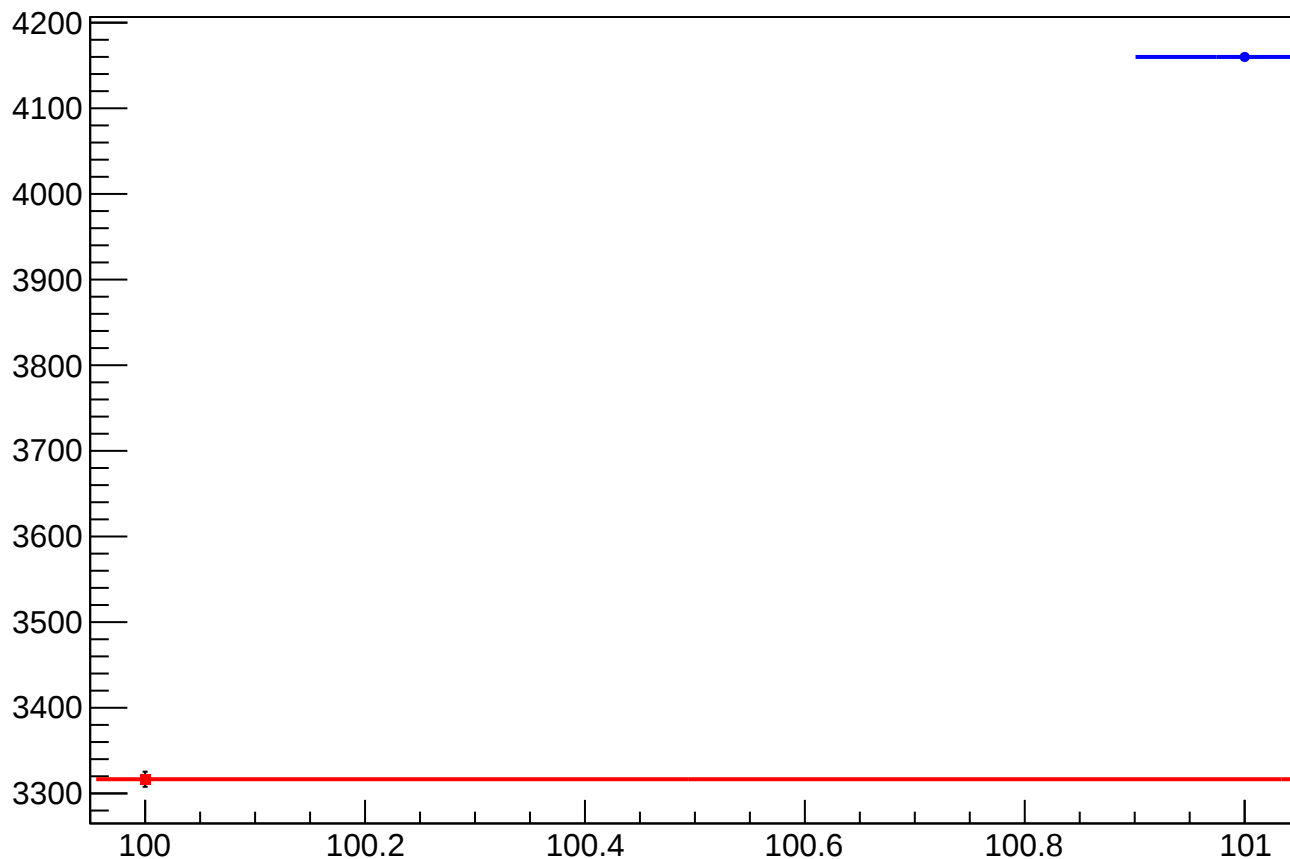
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.713+/-5.421 χ^2/NDF : 0.0/0

18.950+/-4.974 χ^2/NDF : 0.1/1

14.895+/-12.501 χ^2/NDF : 0.0/0

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4159.951 $\pm$ 3.833 χ^2 /NDF: 0.0/0

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

Right Out: 3316.572 $\pm$ 8.840 χ^2 /NDF: 0.0/0

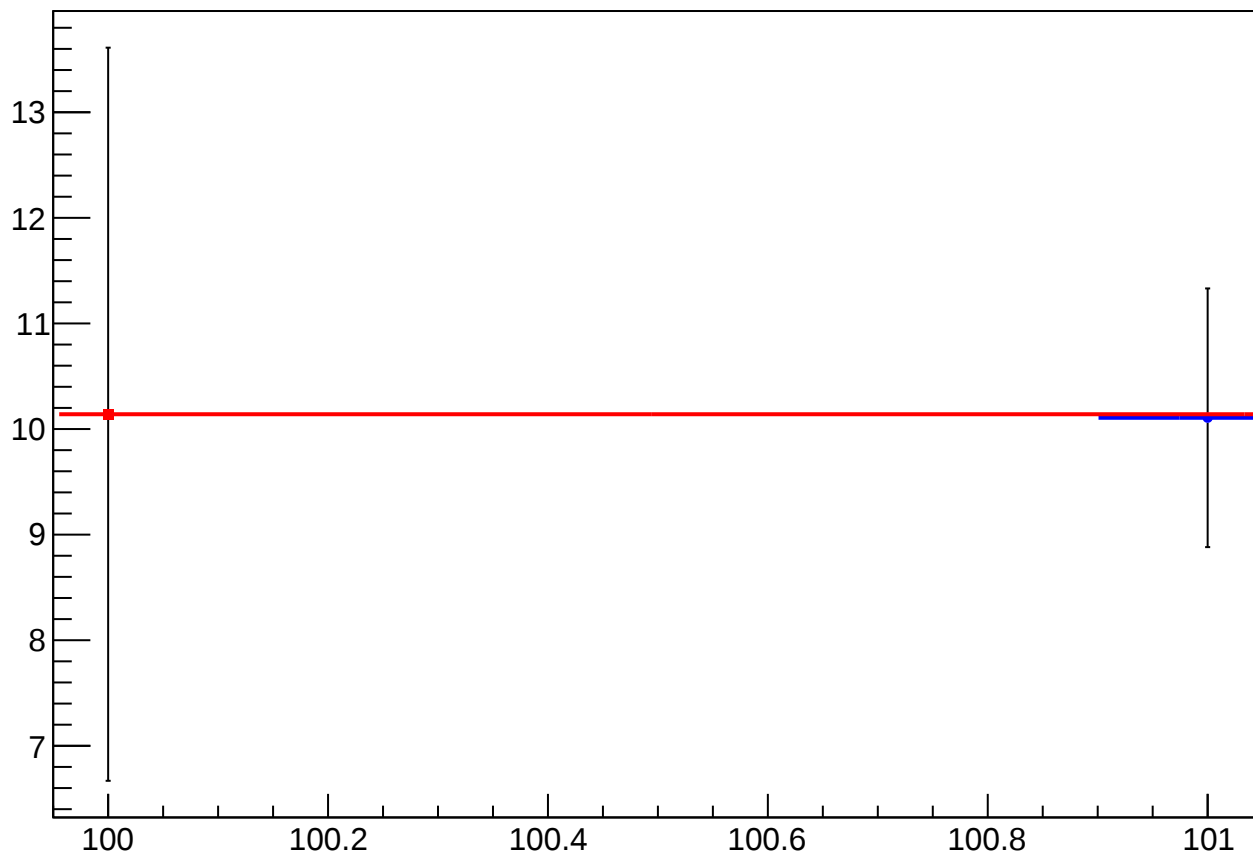
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

4159.951 $\pm$ 3.833 χ^2 /NDF: 0.0/0

4026.448 $\pm$ 3.517 χ^2 /NDF: 7661.7/1

3316.572 $\pm$ 8.840 χ^2 /NDF: 0.0/0

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.107±1.225 χ^2/NDF : 0.0/0

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 10.140±3.471 χ^2/NDF : 0.0/0

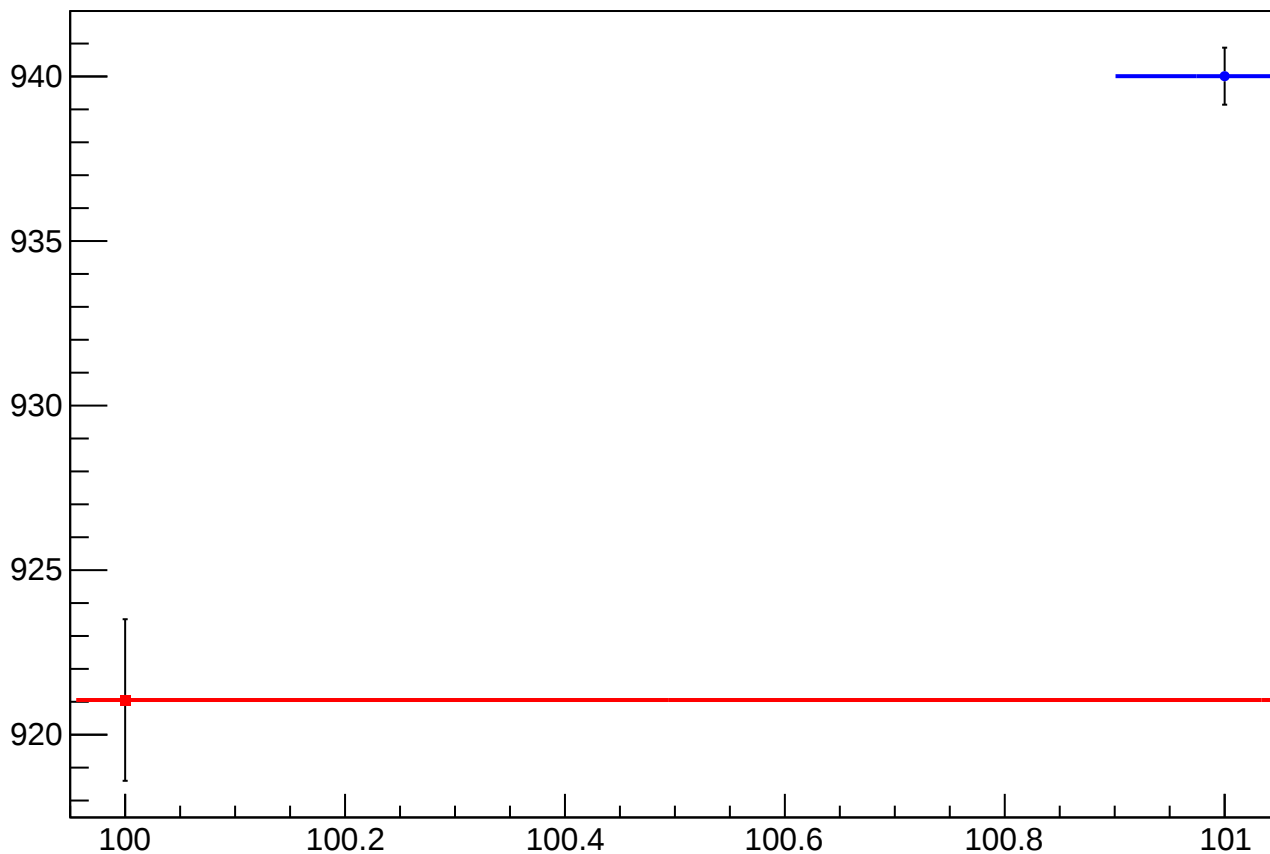
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

10.107±1.225 χ^2/NDF : 0.0/0

10.110±1.155 χ^2/NDF : 0.0/1

10.140±3.471 χ^2/NDF : 0.0/0

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 940.009 $\pm$ 0.866 χ^2 /NDF: 0.0/0

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

Right Out: 921.054 $\pm$ 2.455 χ^2 /NDF: 0.0/0

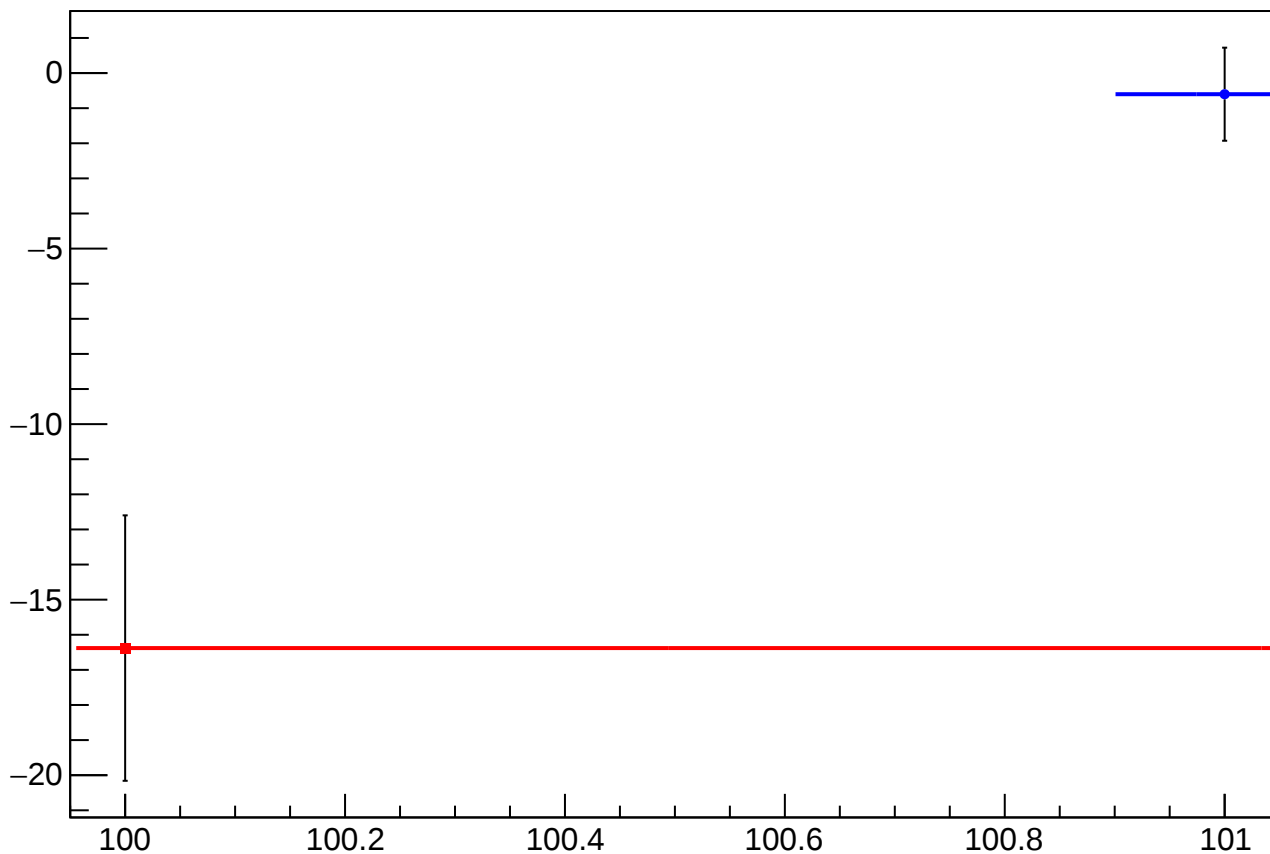
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

940.009 $\pm$ 0.866 χ^2 /NDF: 0.0/0

937.910 $\pm$ 0.817 χ^2 /NDF: 53.0/1

921.054 $\pm$ 2.455 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -0.602 $\pm$ 1.326 χ^2 /NDF: 0.0/0

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

Right Out: -16.379 $\pm$ 3.781 χ^2 /NDF: 0.0/0

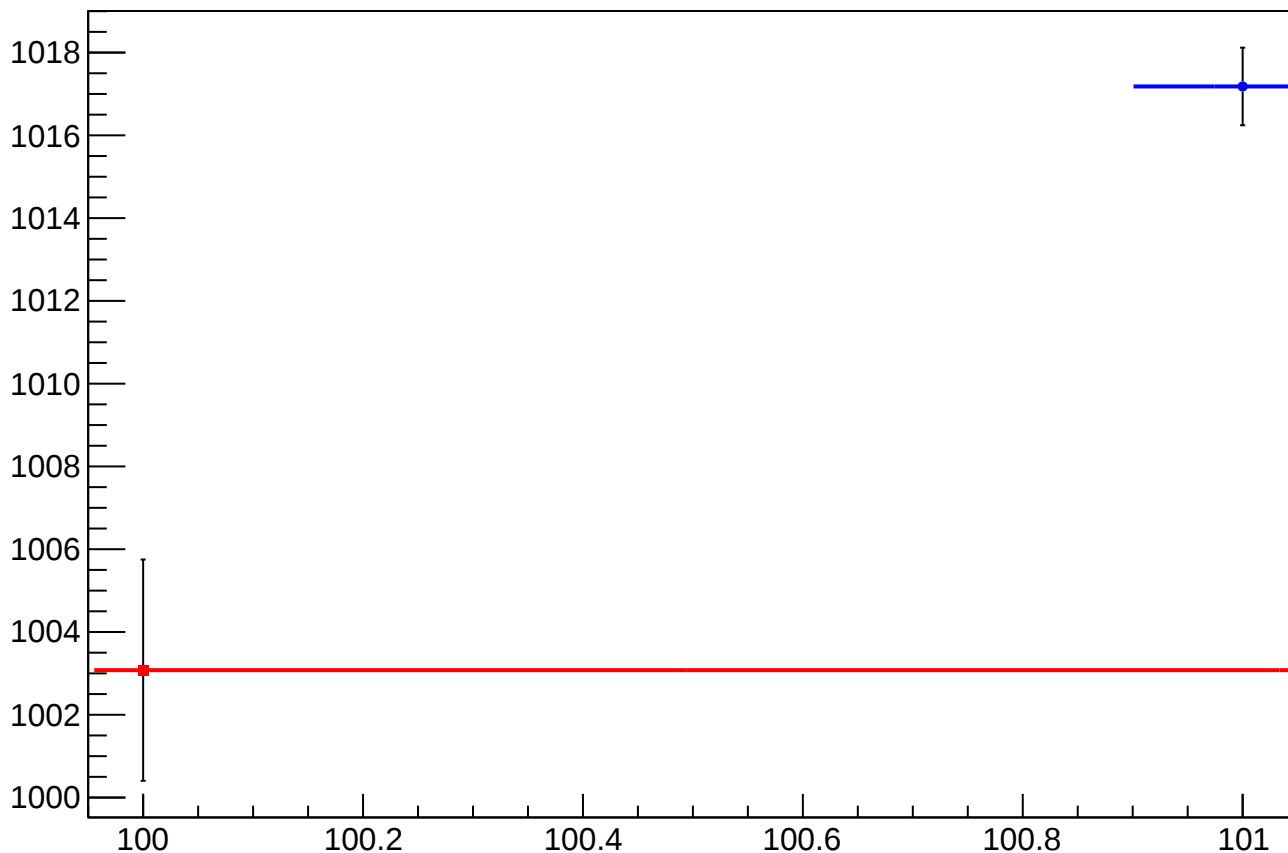
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-0.602 $\pm$ 1.326 χ^2 /NDF: 0.0/0

-2.329 $\pm$ 1.251 χ^2 /NDF: 15.5/1

-16.379 $\pm$ 3.781 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 1017.181 $\pm$ 0.937 χ^2 /NDF: 0.0/0

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

Right Out: 1003.078 $\pm$ 2.673 χ^2 /NDF: 0.0/0

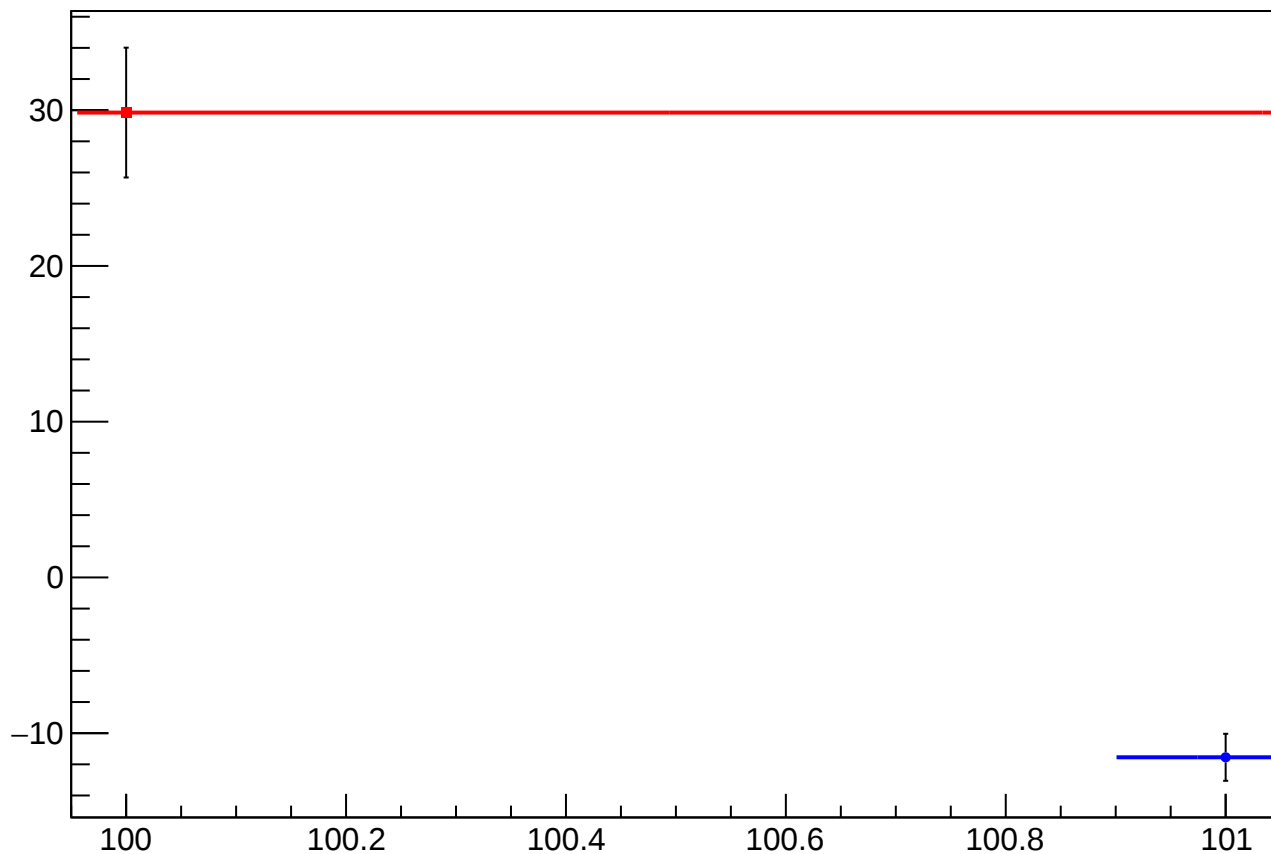
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1017.181 $\pm$ 0.937 χ^2 /NDF: 0.0/0

1015.637 $\pm$ 0.885 χ^2 /NDF: 24.8/1

1003.078 $\pm$ 2.673 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -11.548±/-1.509 χ^2 /NDF: 0.0/0

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

Right Out: 29.847±/-4.167 χ^2 /NDF: 0.0/0

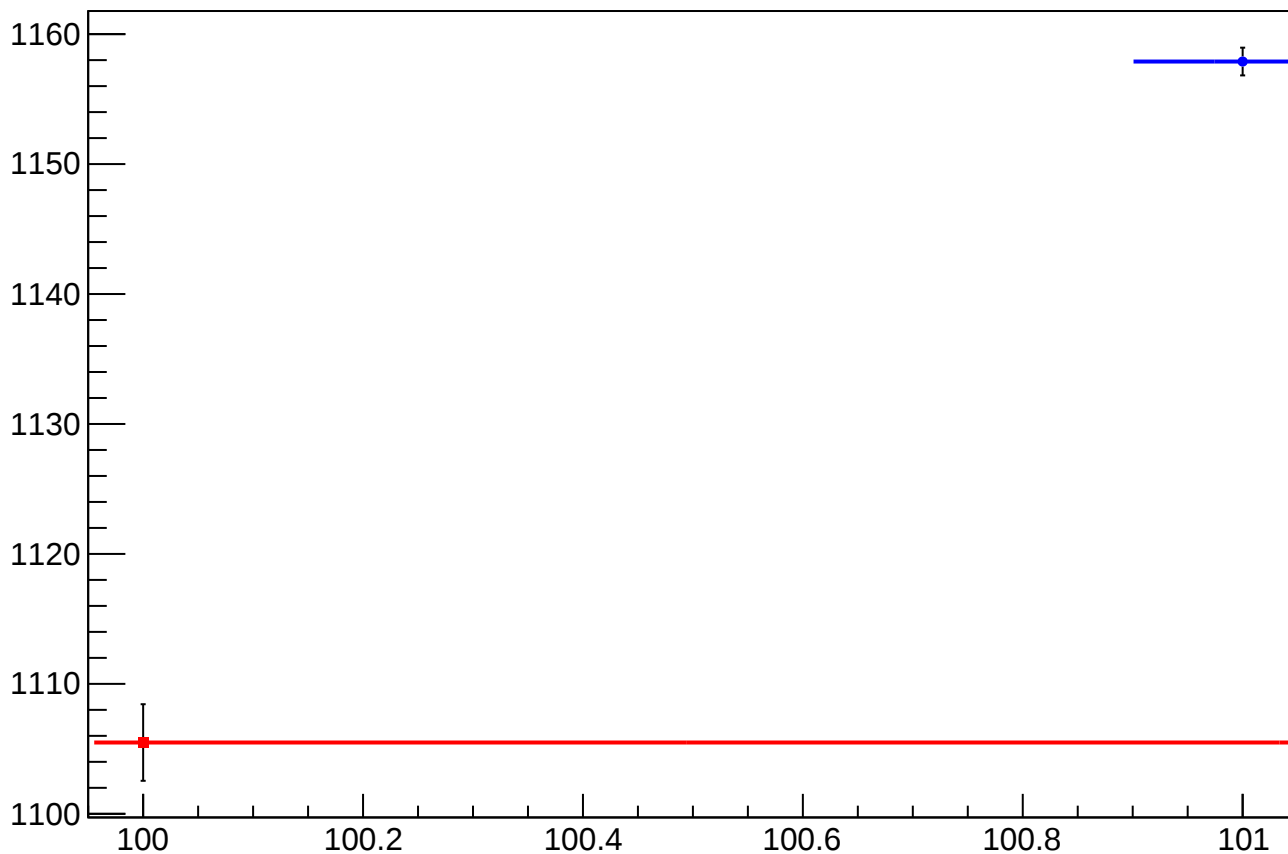
Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

-11.548±/-1.509 χ^2 /NDF: 0.0/0

-6.749±/-1.419 χ^2 /NDF: 87.2/1

29.847±/-4.167 χ^2 /NDF: 0.0/0

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 1157.891 $\pm$ 1.067 χ^2 /NDF: 0.0/0

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

Right Out: 1105.488 $\pm$ 2.947 χ^2 /NDF: 0.0/0

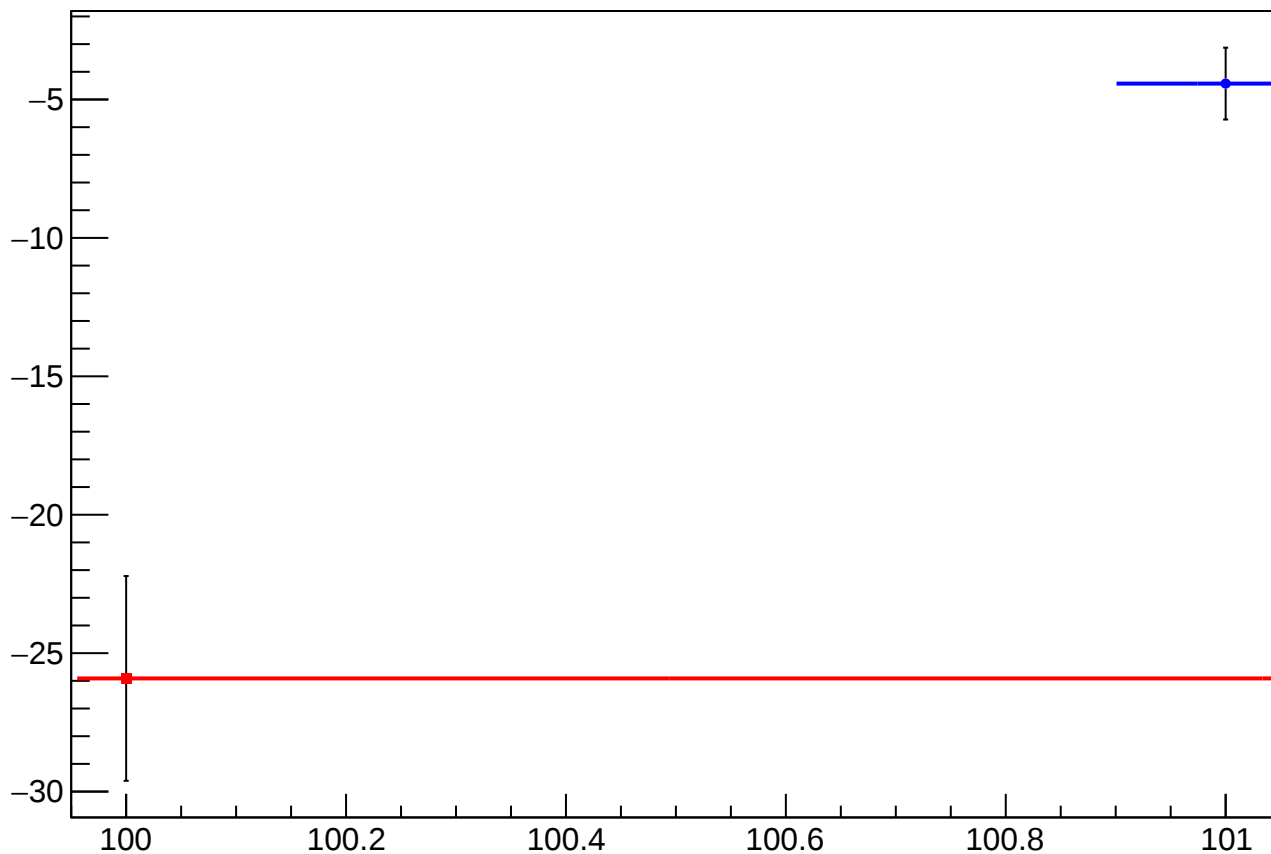
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1157.891 $\pm$ 1.067 χ^2 /NDF: 0.0/0

1151.816 $\pm$ 1.003 χ^2 /NDF: 279.6/1

1105.488 $\pm$ 2.947 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -4.426+/-1.298 χ^2 /NDF: 0.0/0

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

Right Out: -25.912+/-3.698 χ^2 /NDF: 0.0/0

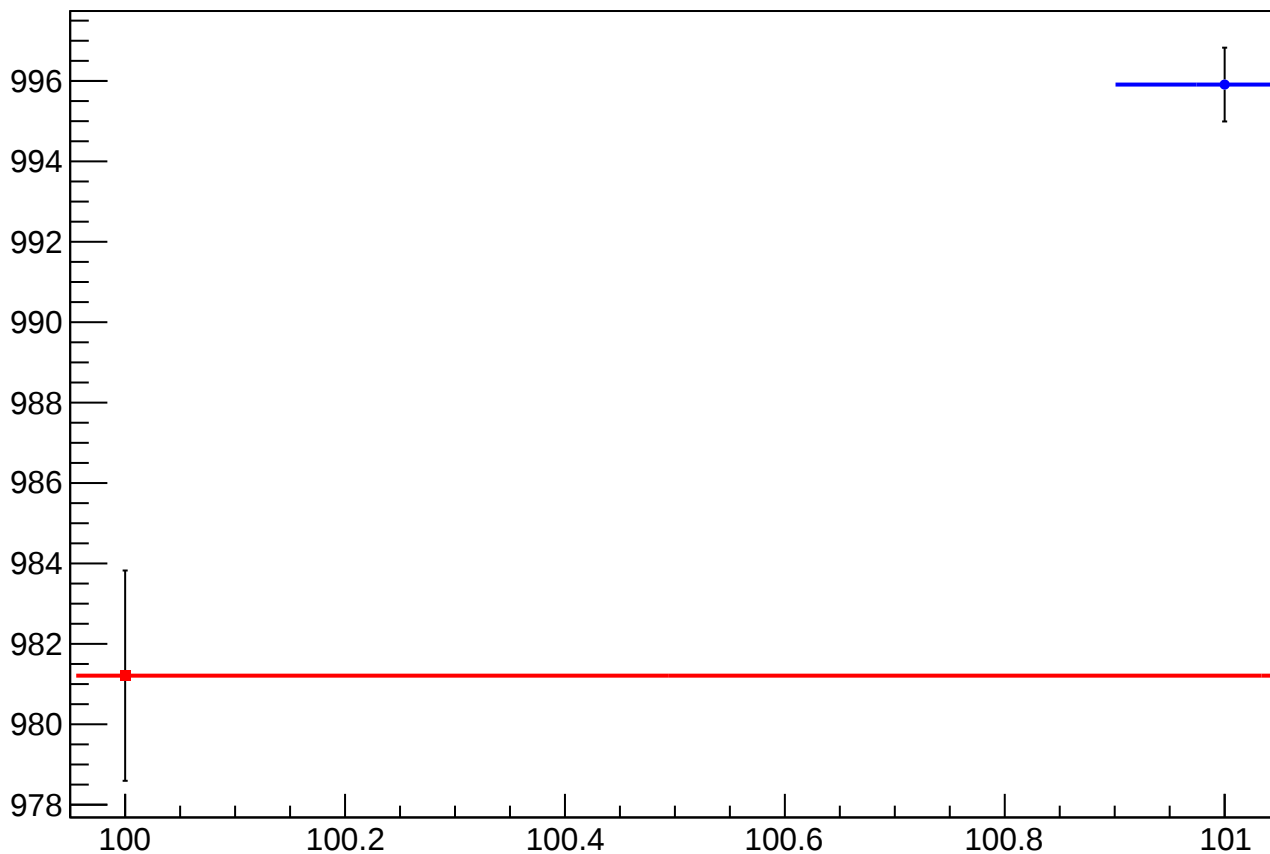
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-4.426+/-1.298 χ^2 /NDF: 0.0/0

-6.782+/-1.225 χ^2 /NDF: 30.1/1

-25.912+/-3.698 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 995.910 $\pm$ 0.918 χ^2 /NDF: 0.0/0

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

Right Out: 981.210 $\pm$ 2.615 χ^2 /NDF: 0.0/0

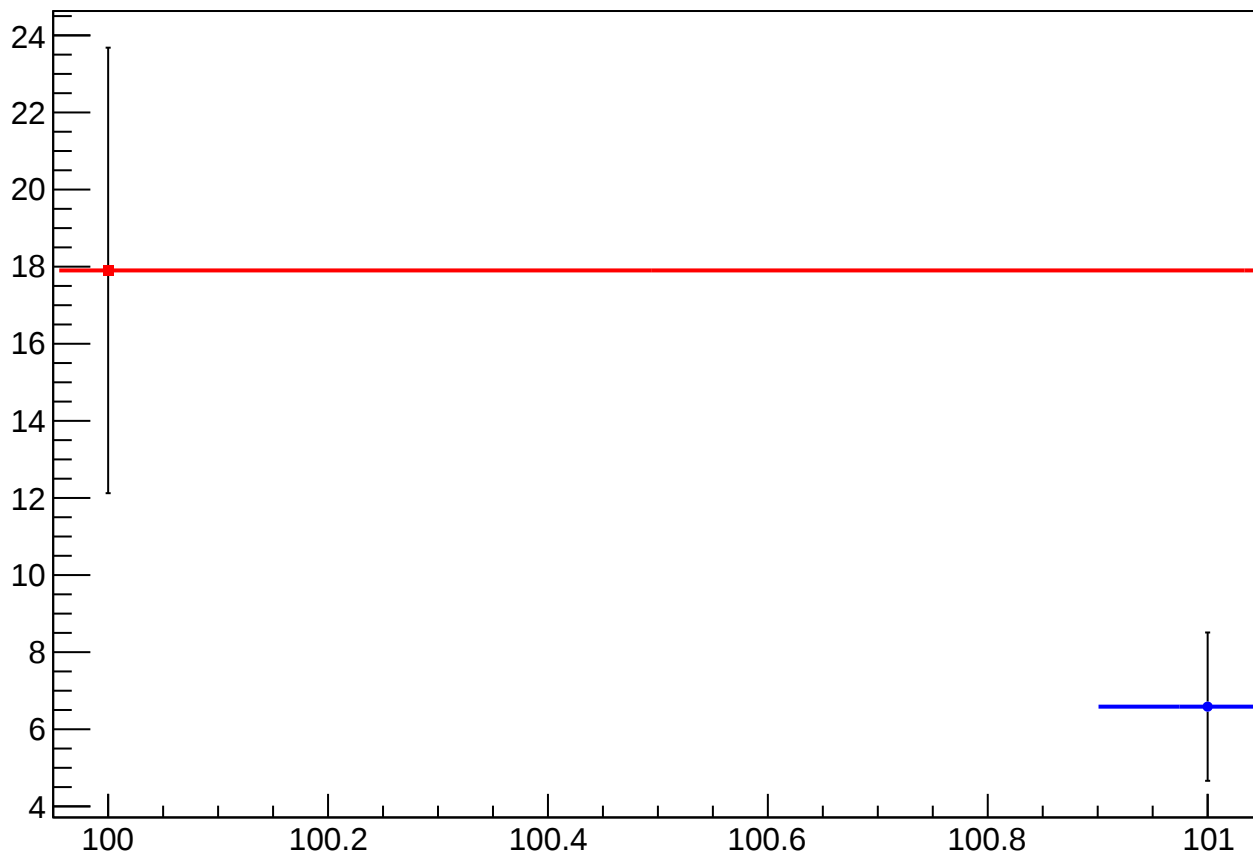
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

995.910 $\pm$ 0.918 χ^2 /NDF: 0.0/0

994.299 $\pm$ 0.866 χ^2 /NDF: 28.1/1

981.210 $\pm$ 2.615 χ^2 /NDF: 0.0/0

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: 6.587+/-1.923 χ^2/NDF : 0.0/0

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

Right Out: 17.902+/-5.778 χ^2/NDF : 0.0/0

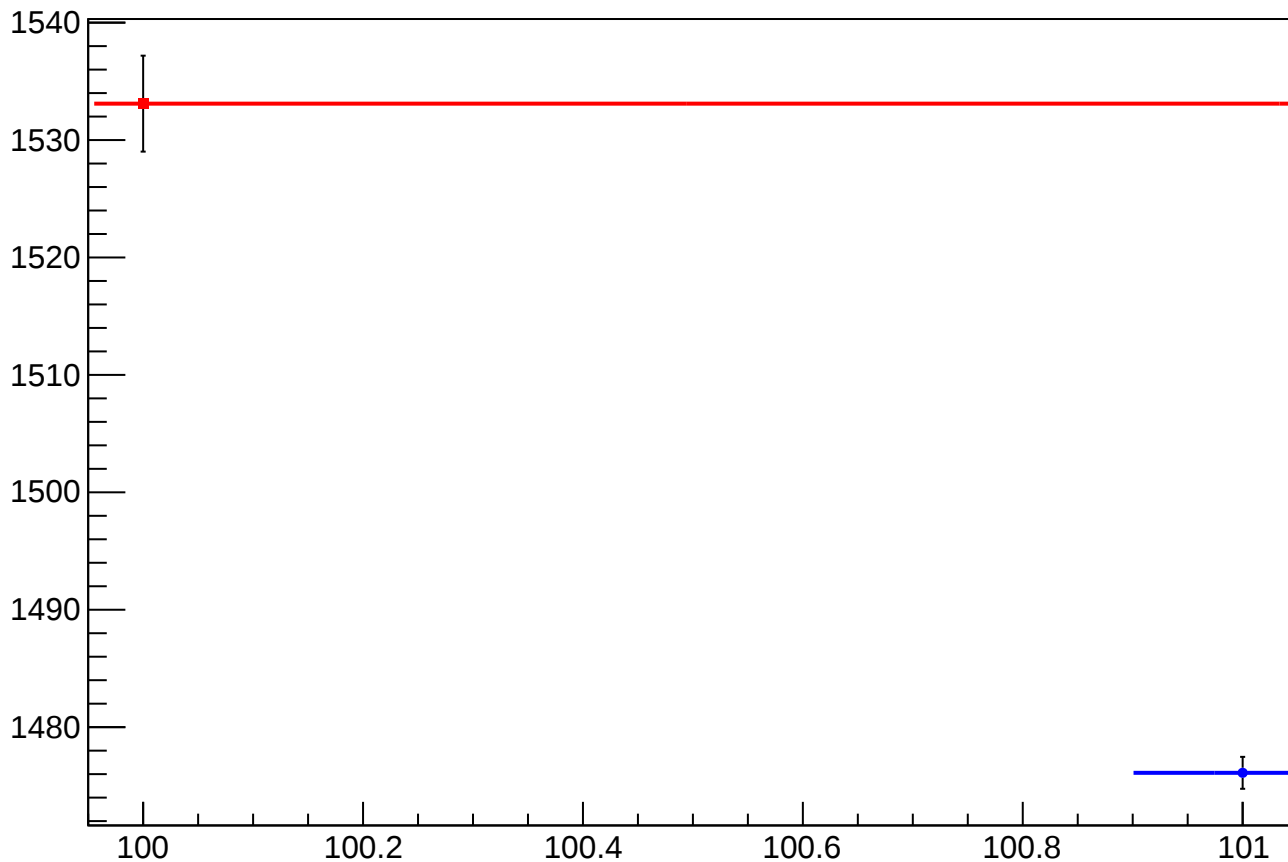
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.587+/-1.923 χ^2/NDF : 0.0/0

7.715+/-1.825 χ^2/NDF : 3.5/1

17.902+/-5.778 χ^2/NDF : 0.0/0

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1476.111 $\pm$ 1.360 χ^2/NDF : 0.0/0

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

Right Out: 1533.101 $\pm$ 4.086 χ^2/NDF : 0.0/0

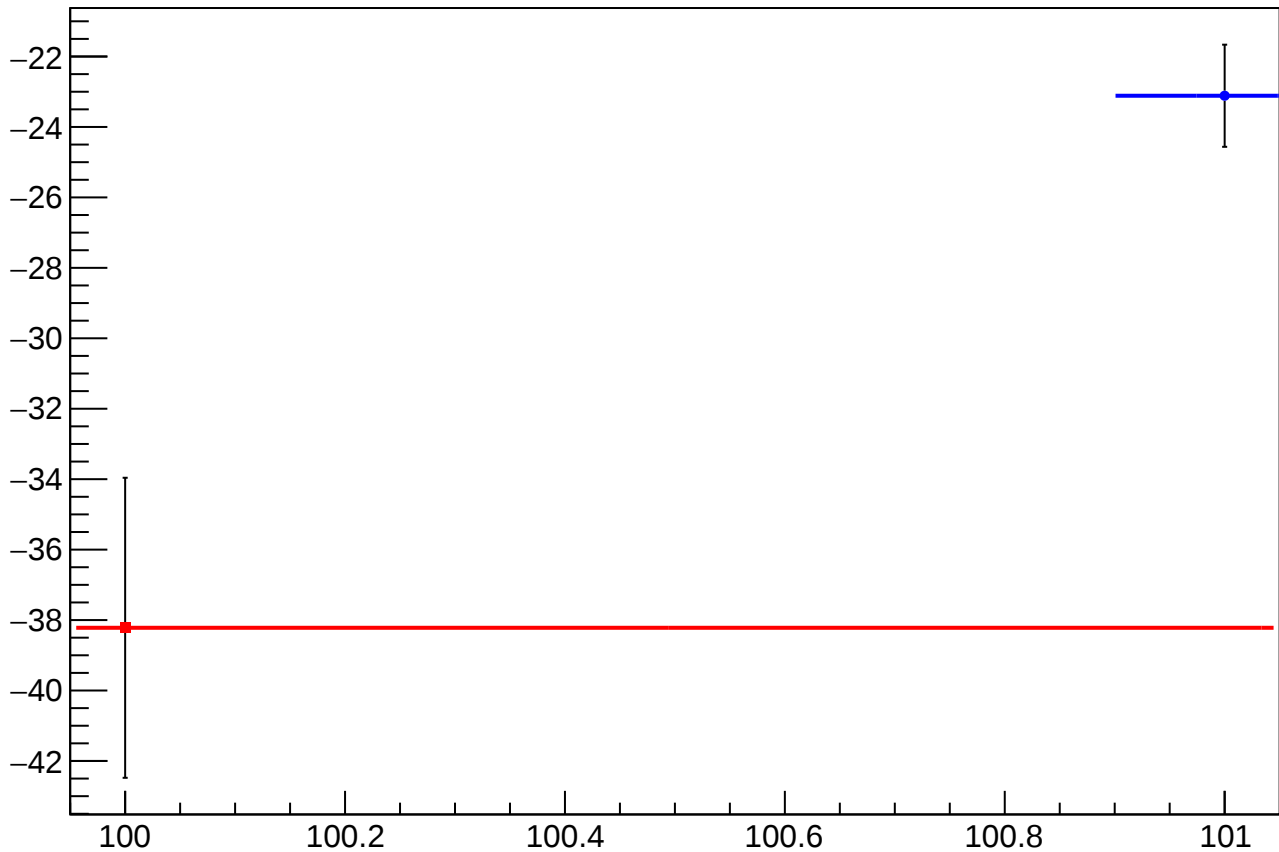
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1476.111 $\pm$ 1.360 χ^2/NDF : 0.0/0

1481.796 $\pm$ 1.290 χ^2/NDF : 175.1/1

1533.101 $\pm$ 4.086 χ^2/NDF : 0.0/0

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -23.114+/-1.450 χ^2/NDF : 0.0/0

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

Right Out: -38.219+/-4.259 χ^2/NDF : 0.0/0

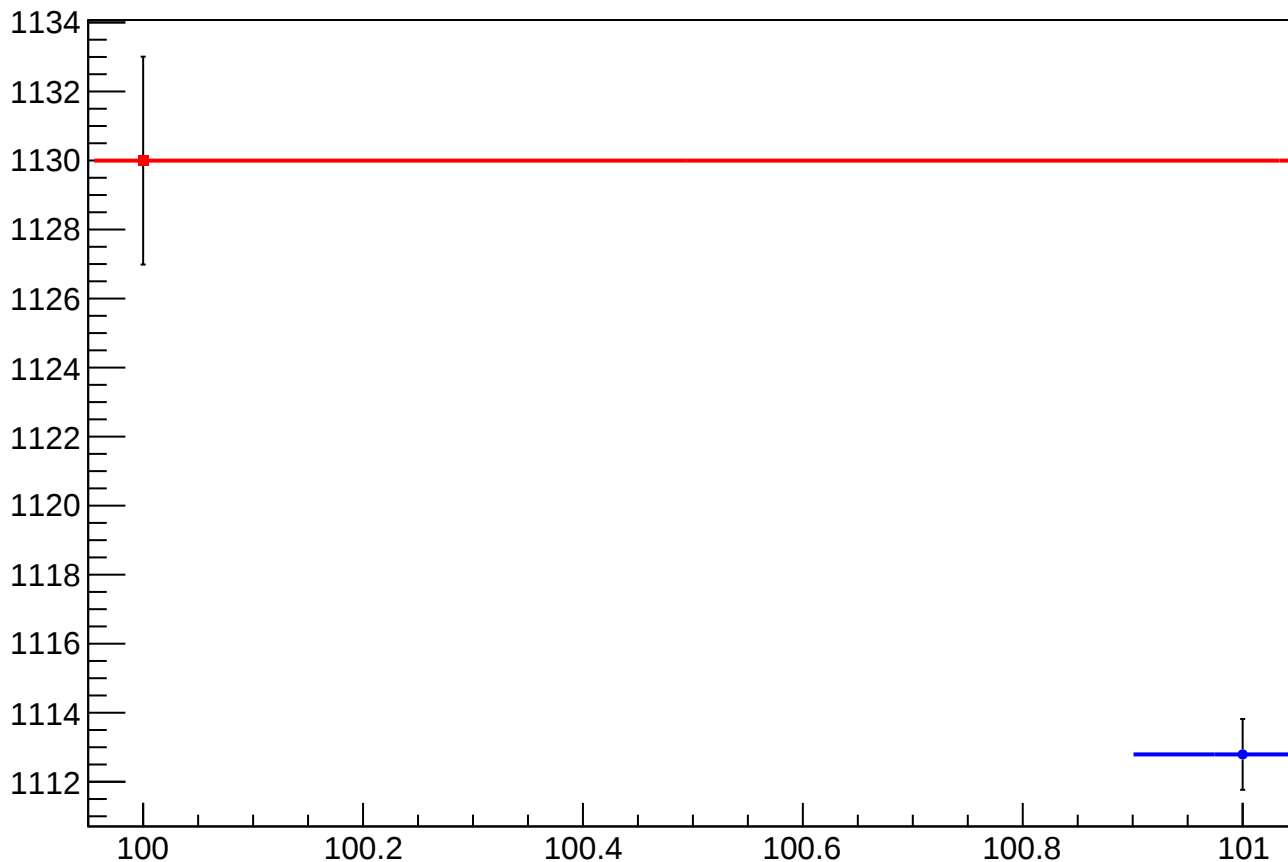
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-23.114+/-1.450 χ^2/NDF : 0.0/0

-24.683+/-1.373 χ^2/NDF : 11.3/1

-38.219+/-4.259 χ^2/NDF : 0.0/0

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1112.792 $\pm$ 1.025 χ^2 /NDF: 0.0/0

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

Right Out: 1129.997 $\pm$ 3.012 χ^2 /NDF: 0.0/0

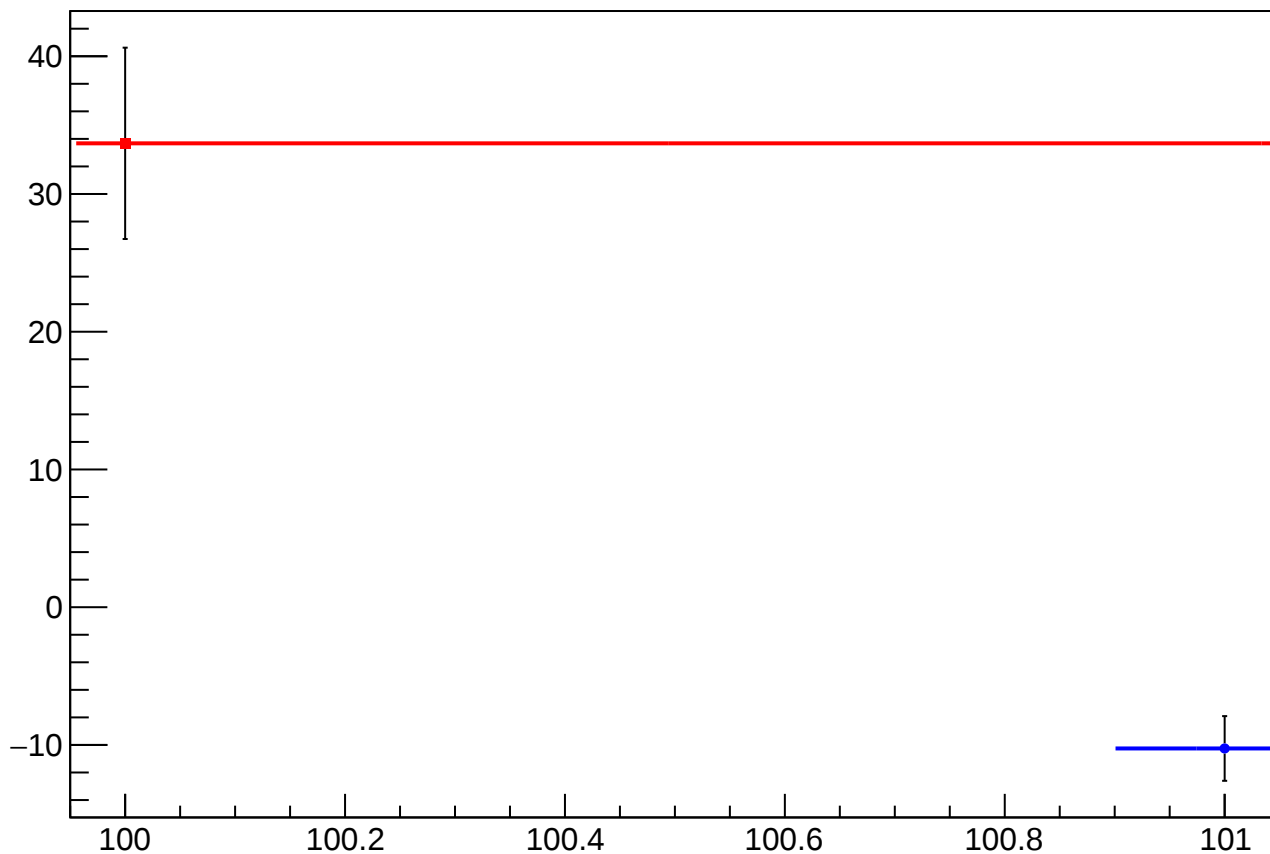
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1112.792 $\pm$ 1.025 χ^2 /NDF: 0.0/0

1114.579 $\pm$ 0.971 χ^2 /NDF: 29.2/1

1129.997 $\pm$ 3.012 χ^2 /NDF: 0.0/0

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -10.255+/-2.348 χ^2/NDF : 0.0/0

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

Right Out: 33.677+/-6.945 χ^2/NDF : 0.0/0

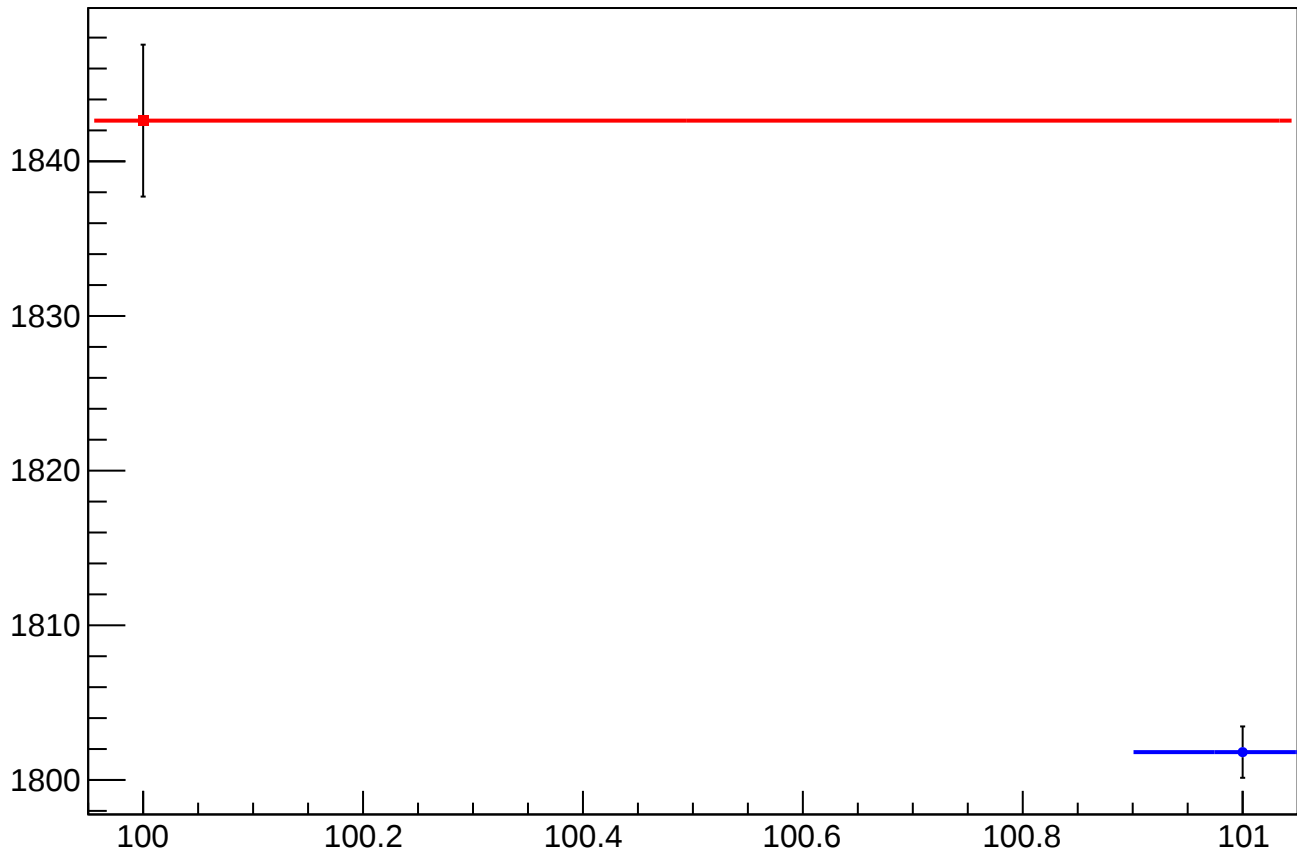
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10.255+/-2.348 χ^2/NDF : 0.0/0

-5.749+/-2.224 χ^2/NDF : 35.9/1

33.677+/-6.945 χ^2/NDF : 0.0/0

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1801.800 ± 1.660 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 1842.632 ± 4.911 $\chi^2/\text{NDF}: 0.0/0$

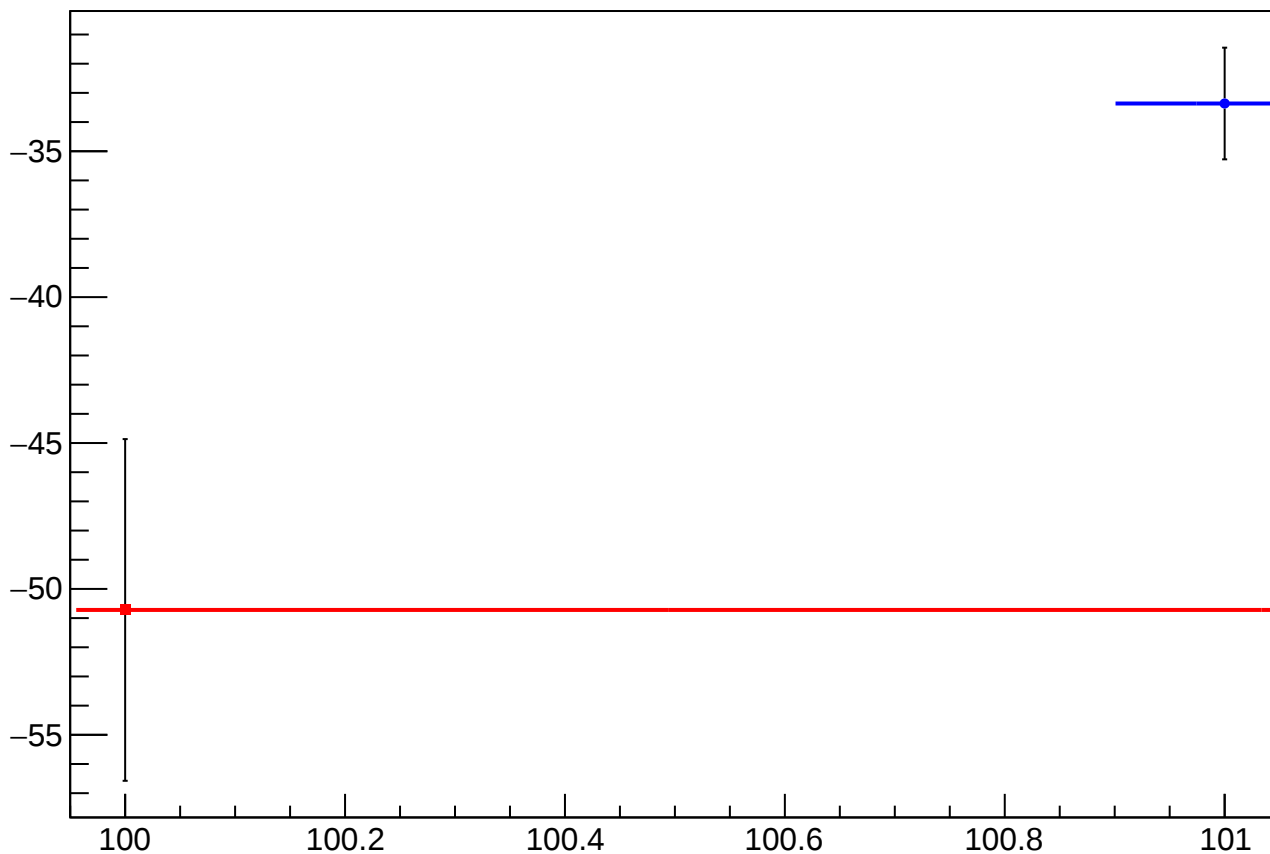
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1801.800 ± 1.660 $\chi^2/\text{NDF}: 0.0/0$

1805.988 ± 1.573 $\chi^2/\text{NDF}: 62.0/1$

1842.632 ± 4.911 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -33.364 $\pm$ 1.914 χ^2 /NDF: 0.0/0

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

Right Out: -50.720 $\pm$ 5.855 χ^2 /NDF: 0.0/0

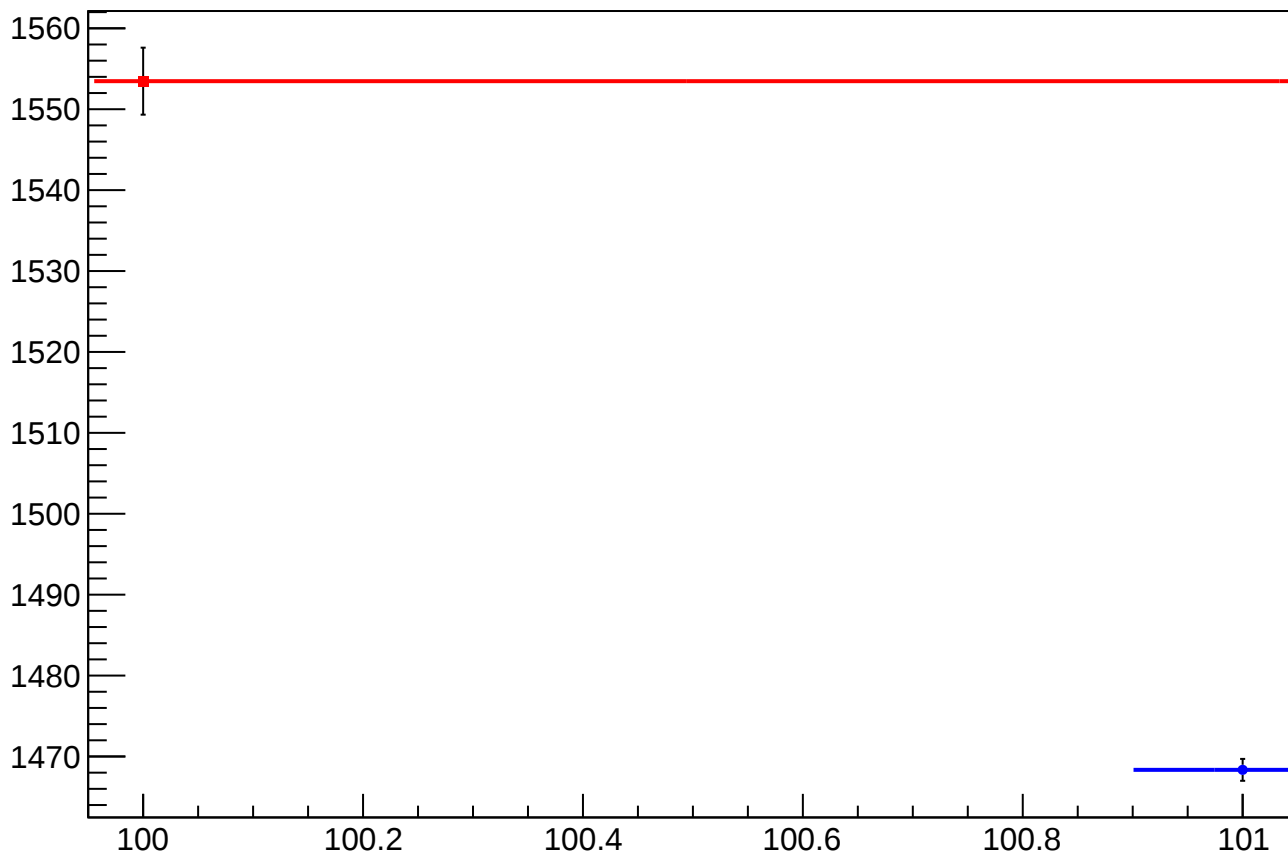
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-33.364 $\pm$ 1.914 χ^2 /NDF: 0.0/0

-35.039 $\pm$ 1.819 χ^2 /NDF: 7.9/1

-50.720 $\pm$ 5.855 χ^2 /NDF: 0.0/0

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1468.348 $\pm$ 1.353 χ^2/NDF : 0.0/0

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

Right Out: 1553.467 $\pm$ 4.140 χ^2/NDF : 0.0/0

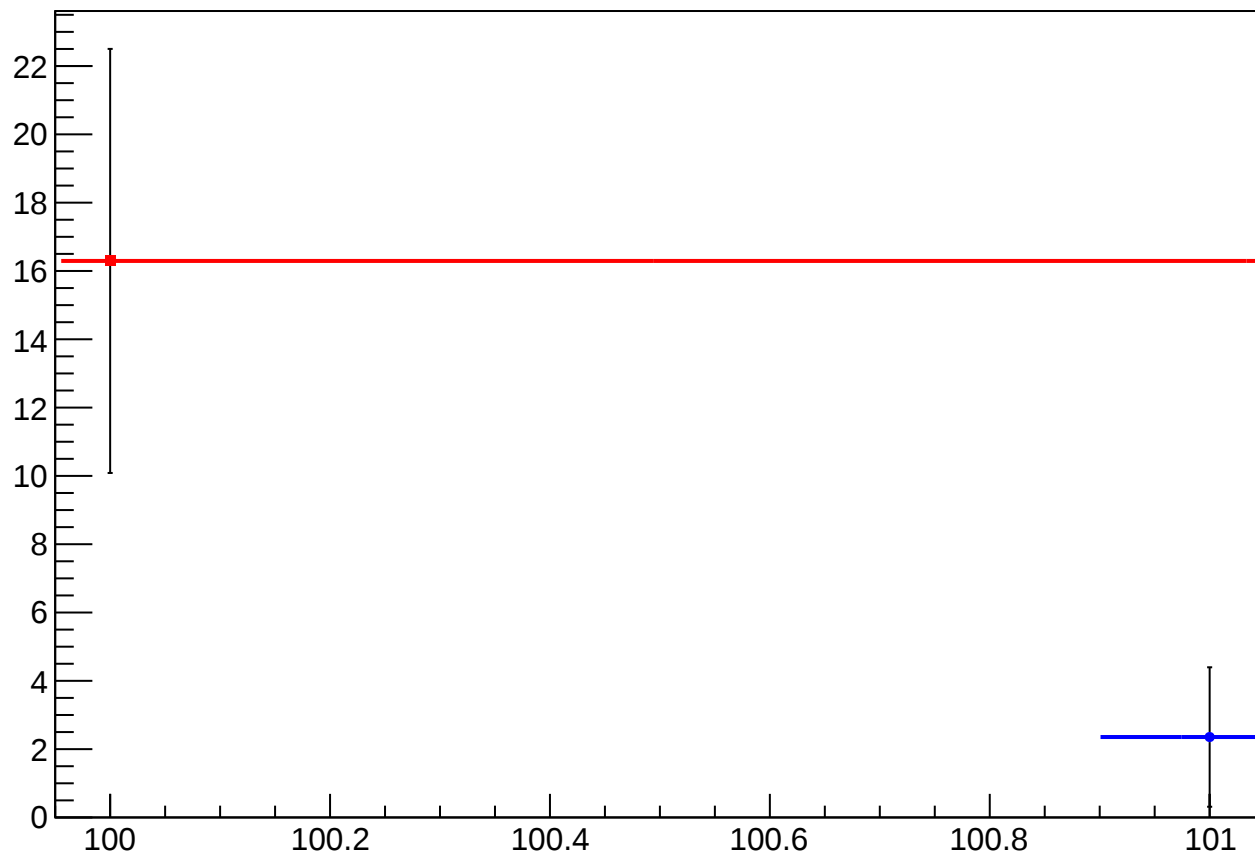
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1468.348 $\pm$ 1.353 χ^2/NDF : 0.0/0

1476.561 $\pm$ 1.286 χ^2/NDF : 381.9/1

1553.467 $\pm$ 4.140 χ^2/NDF : 0.0/0

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 2.355+/-2.042 χ^2/NDF : 0.0/0

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

Right Out: 16.294+/-6.208 χ^2/NDF : 0.0/0

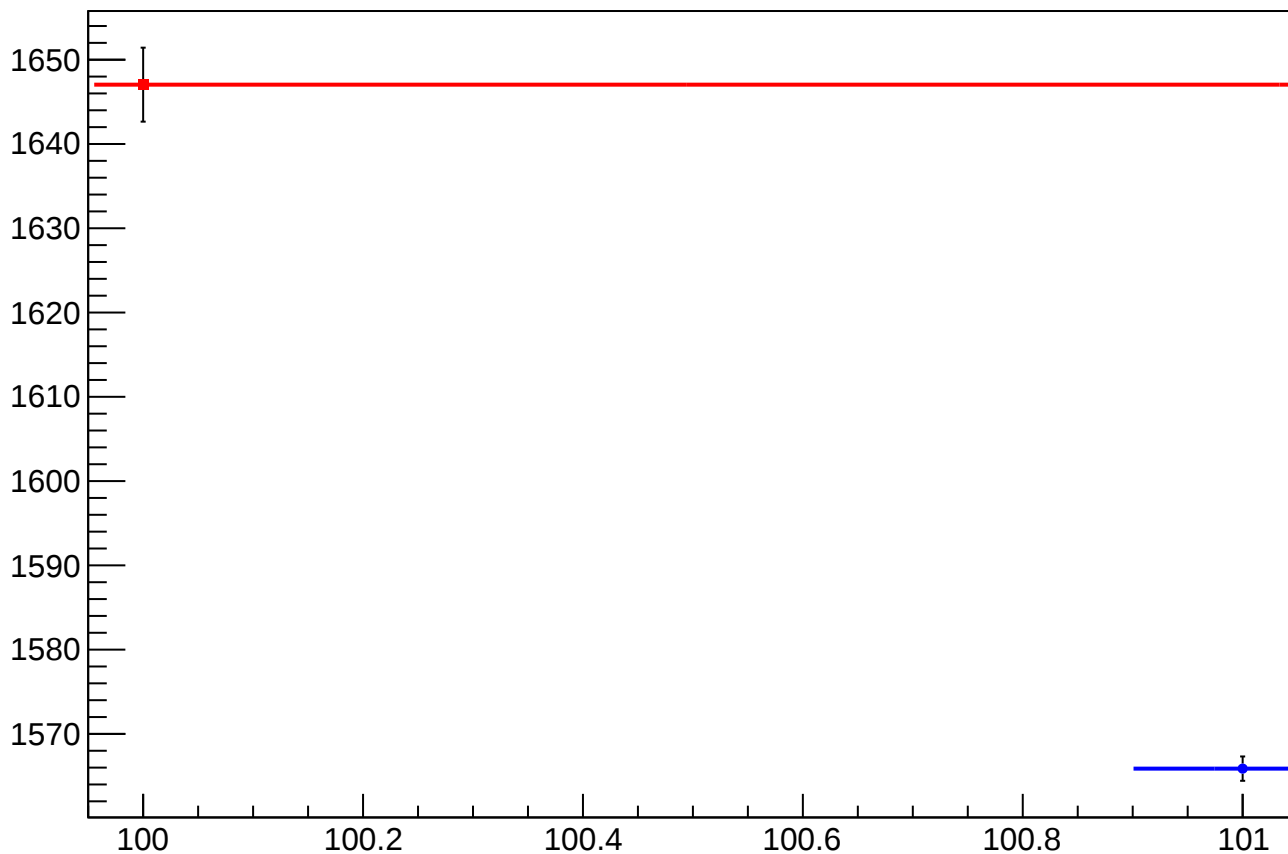
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.355+/-2.042 χ^2/NDF : 0.0/0

3.715+/-1.939 χ^2/NDF : 4.5/1

16.294+/-6.208 χ^2/NDF : 0.0/0

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1565.879 ± 1.444 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 1647.040 ± 4.390 $\chi^2/\text{NDF}: 0.0/0$

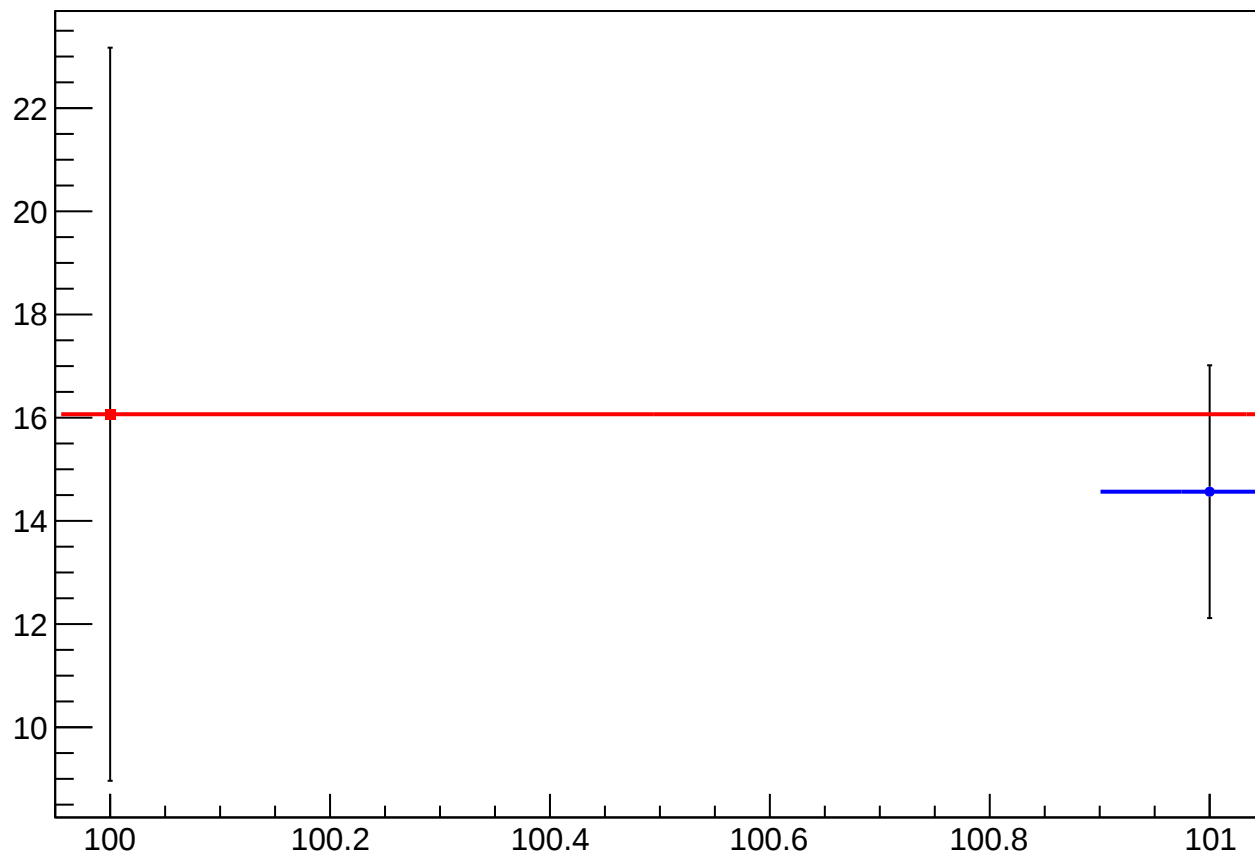
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

1565.879 ± 1.444 $\chi^2/\text{NDF}: 0.0/0$

1573.800 ± 1.371 $\chi^2/\text{NDF}: 308.5/1$

1647.040 ± 4.390 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 14.566+/-2.450 χ^2 /NDF: 0.0/0

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

Right Out: 16.067+/-7.105 χ^2 /NDF: 0.0/0

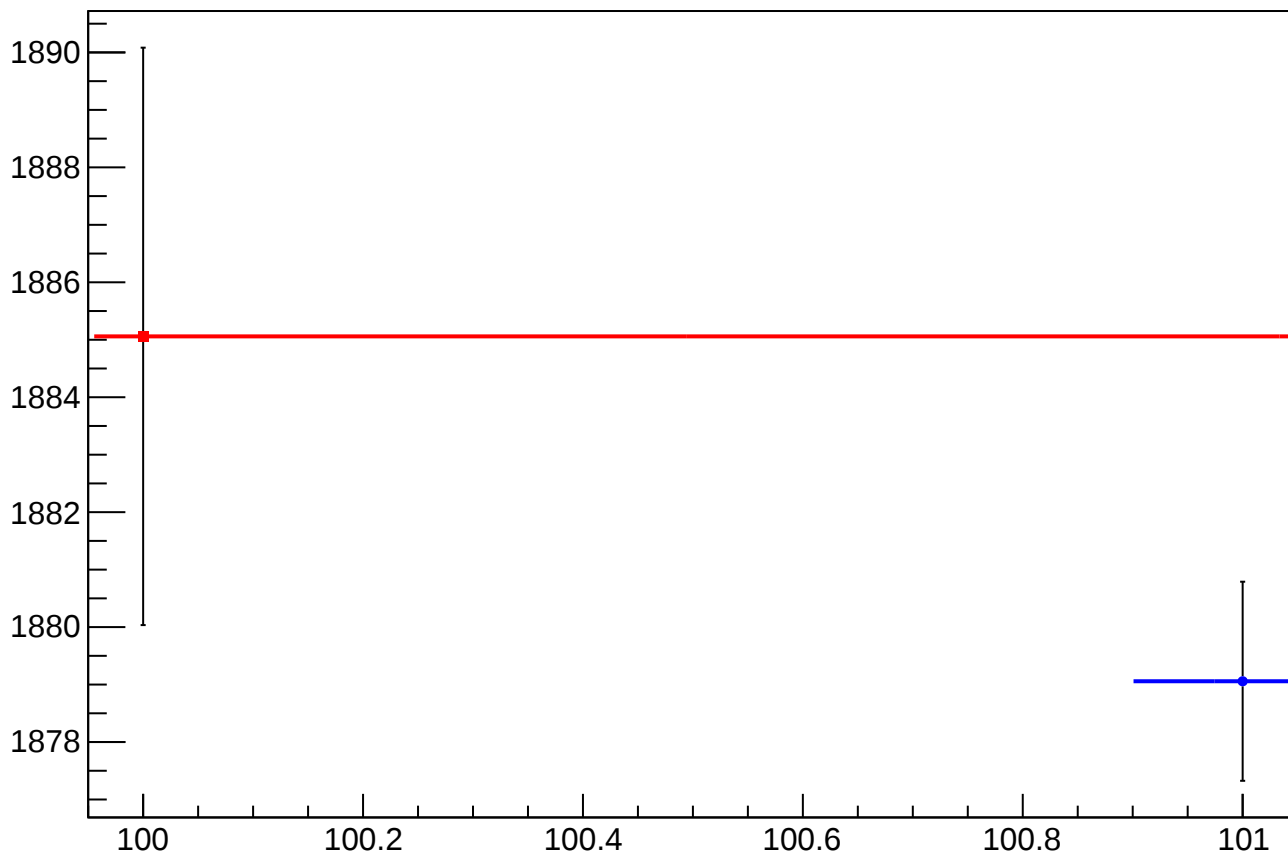
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

14.566+/-2.450 χ^2 /NDF: 0.0/0

14.725+/-2.316 χ^2 /NDF: 0.0/1

16.067+/-7.105 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1879.058 $\pm$ 1.732 χ^2 /NDF: 0.0/0

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

Right Out: 1885.059 $\pm$ 5.024 χ^2 /NDF: 0.0/0

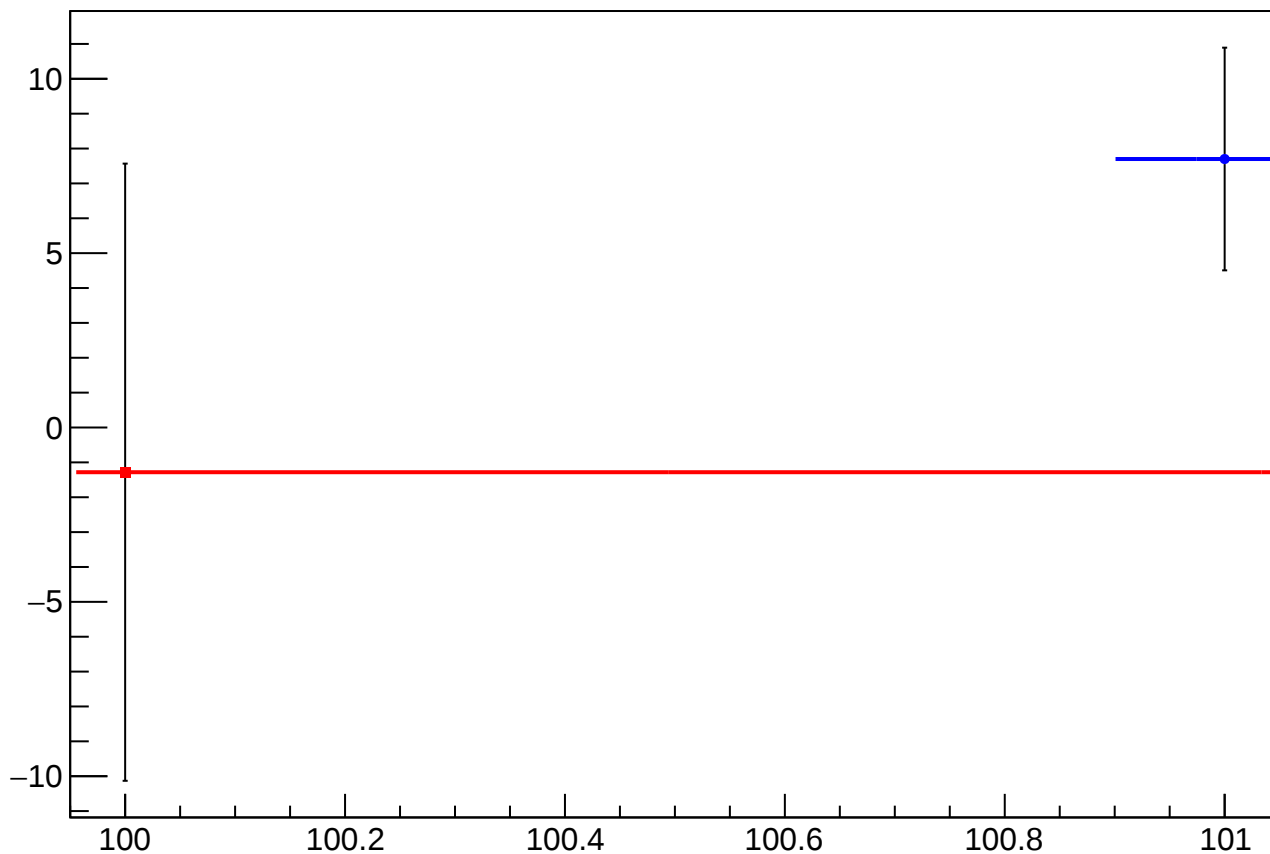
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1879.058 $\pm$ 1.732 χ^2 /NDF: 0.0/0

1879.695 $\pm$ 1.638 χ^2 /NDF: 1.3/1

1885.059 $\pm$ 5.024 χ^2 /NDF: 0.0/0

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 7.700 $\pm$ 3.193 χ^2 /NDF: 0.0/0

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

Right Out: -1.282 $\pm$ 8.850 χ^2 /NDF: 0.0/0

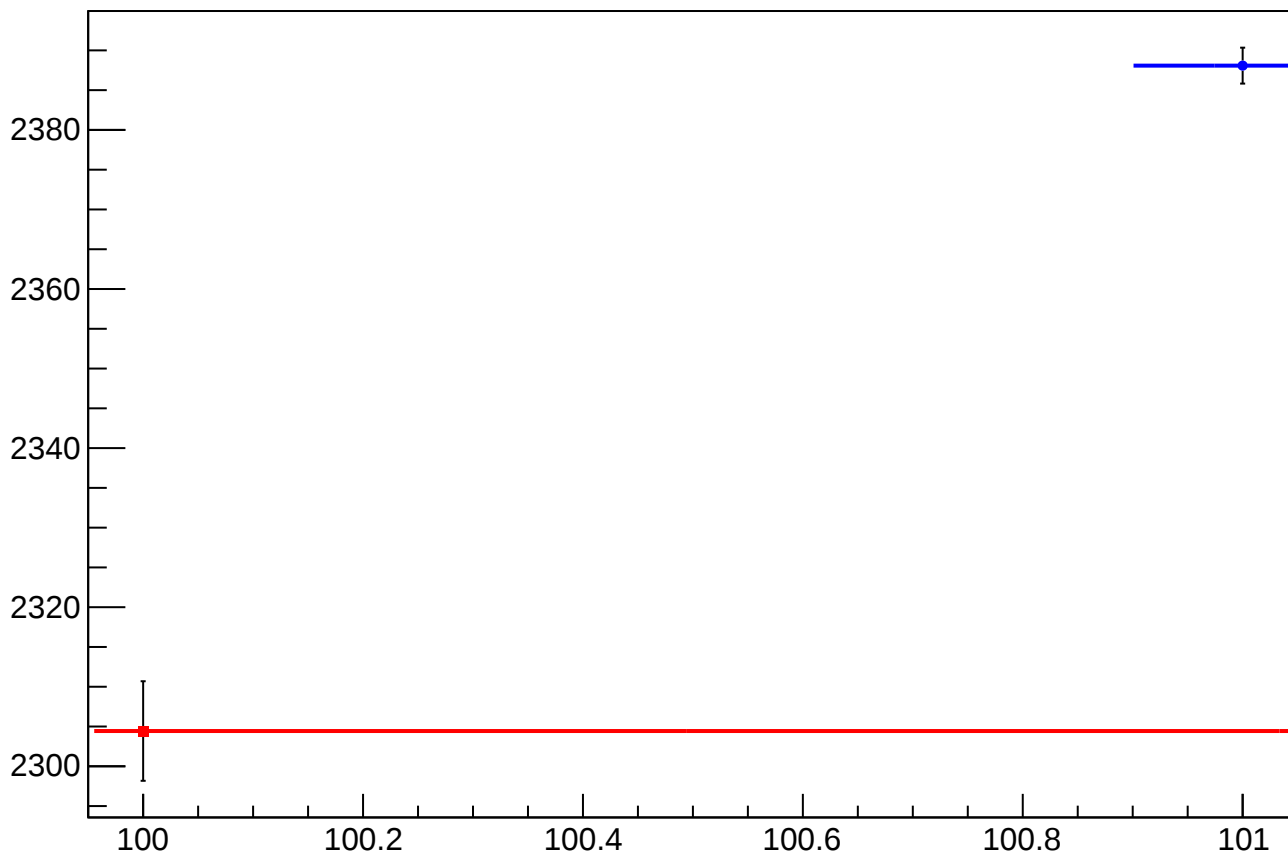
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

7.700 $\pm$ 3.193 χ^2 /NDF: 0.0/0

6.665 $\pm$ 3.004 χ^2 /NDF: 0.9/1

-1.282 $\pm$ 8.850 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 2388.082 $\pm$ 2.258 χ^2 /NDF: 0.0/0

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

Right Out: 2304.434 $\pm$ 6.258 χ^2 /NDF: 0.0/0

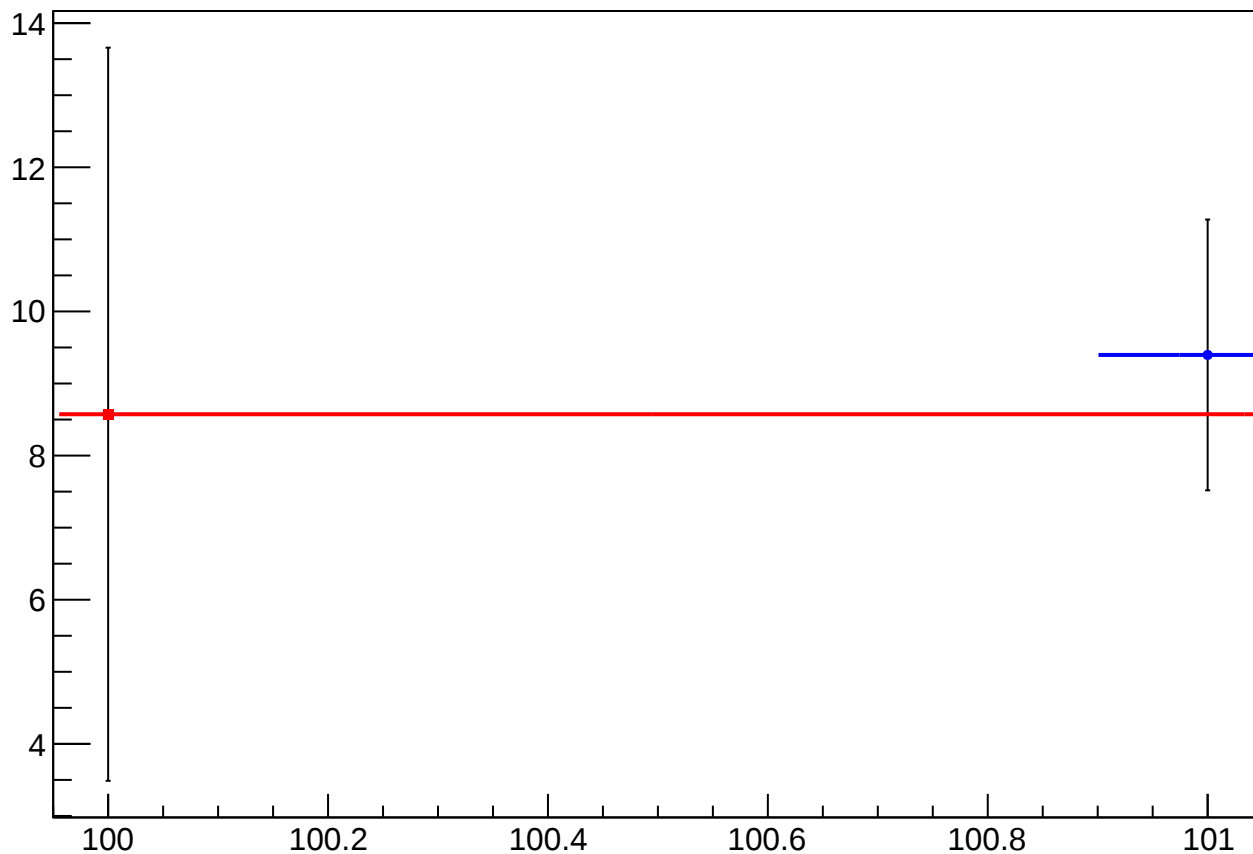
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2388.082 $\pm$ 2.258 χ^2 /NDF: 0.0/0

2378.447 $\pm$ 2.124 χ^2 /NDF: 158.1/1

2304.434 $\pm$ 6.258 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 9.396+/-1.879 χ^2/NDF : 0.0/0

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

Right Out: 8.574+/-5.086 χ^2/NDF : 0.0/0

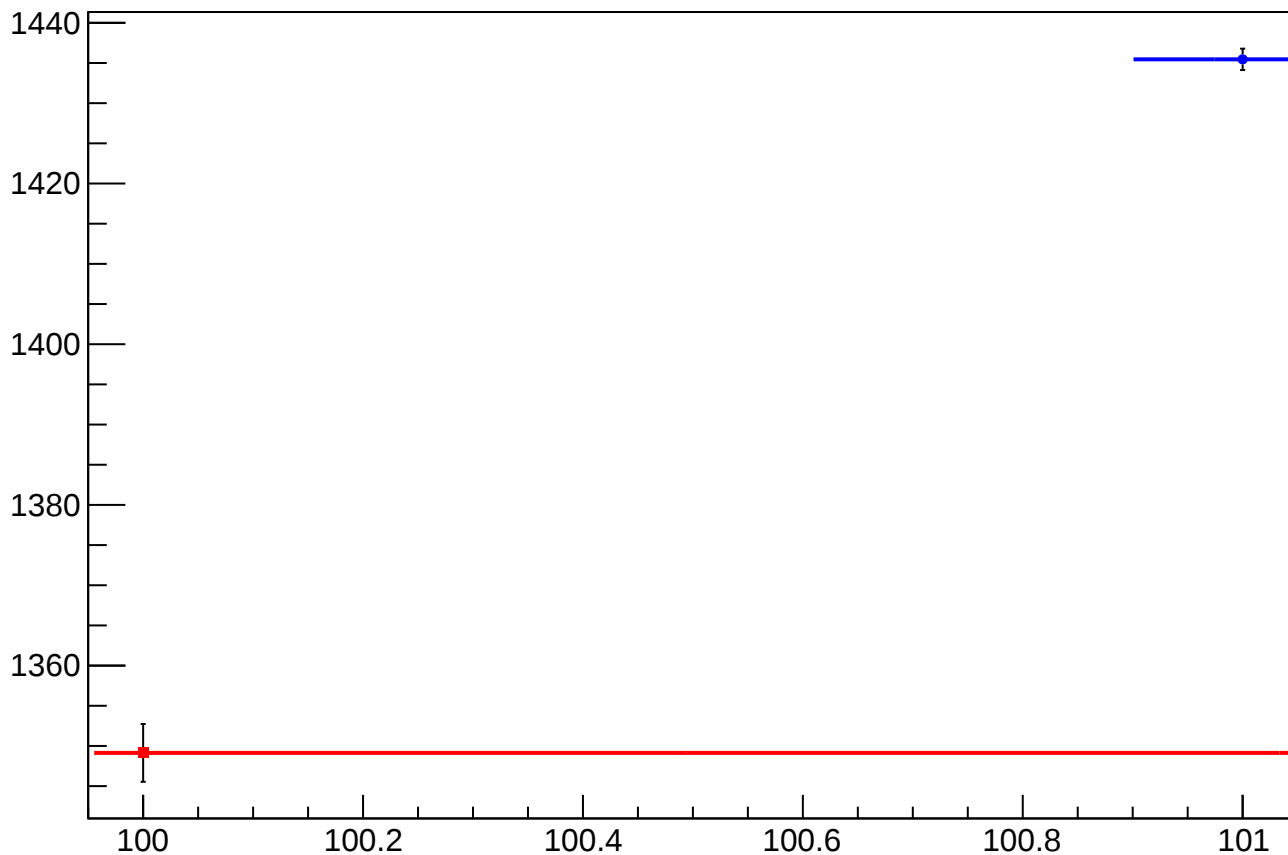
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.396+/-1.879 χ^2/NDF : 0.0/0

9.298+/-1.762 χ^2/NDF : 0.0/1

8.574+/-5.086 χ^2/NDF : 0.0/0

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1435.455 $\pm$ 1.328 χ^2/NDF : 0.0/0

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

Right Out: 1349.135 $\pm$ 3.596 χ^2/NDF : 0.0/0

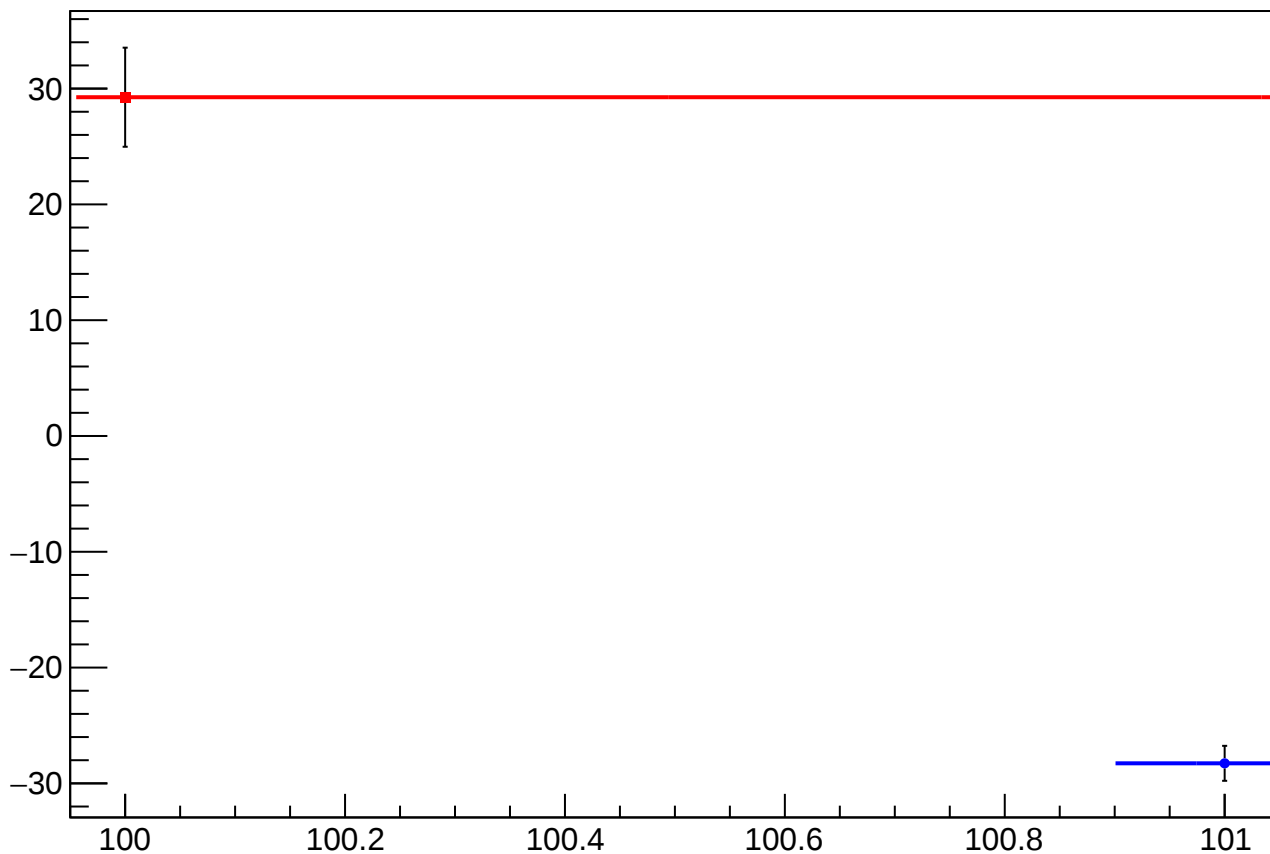
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1435.455 $\pm$ 1.328 χ^2/NDF : 0.0/0

1425.092 $\pm$ 1.246 χ^2/NDF : 506.9/1

1349.135 $\pm$ 3.596 χ^2/NDF : 0.0/0

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -28.268±/-1.510 χ^2 /NDF: 0.0/0

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

Right Out: 29.255±/-4.279 χ^2 /NDF: 0.0/0

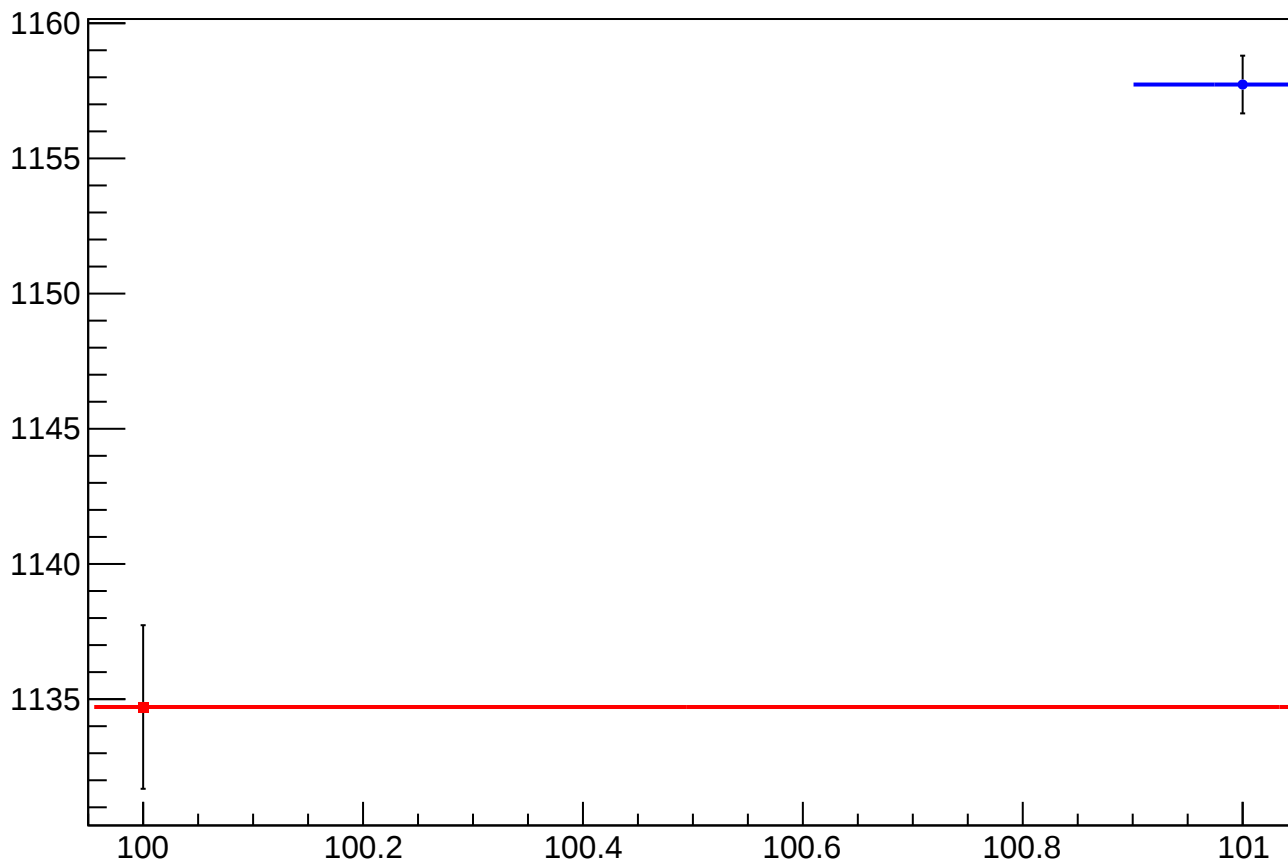
Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

-28.268±/-1.510 χ^2 /NDF: 0.0/0

-21.900±/-1.424 χ^2 /NDF: 160.7/1

29.255±/-4.279 χ^2 /NDF: 0.0/0

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 1157.732 $\pm$ 1.067 χ^2 /NDF: 0.0/0

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

Right Out: 1134.710 $\pm$ 3.025 χ^2 /NDF: 0.0/0

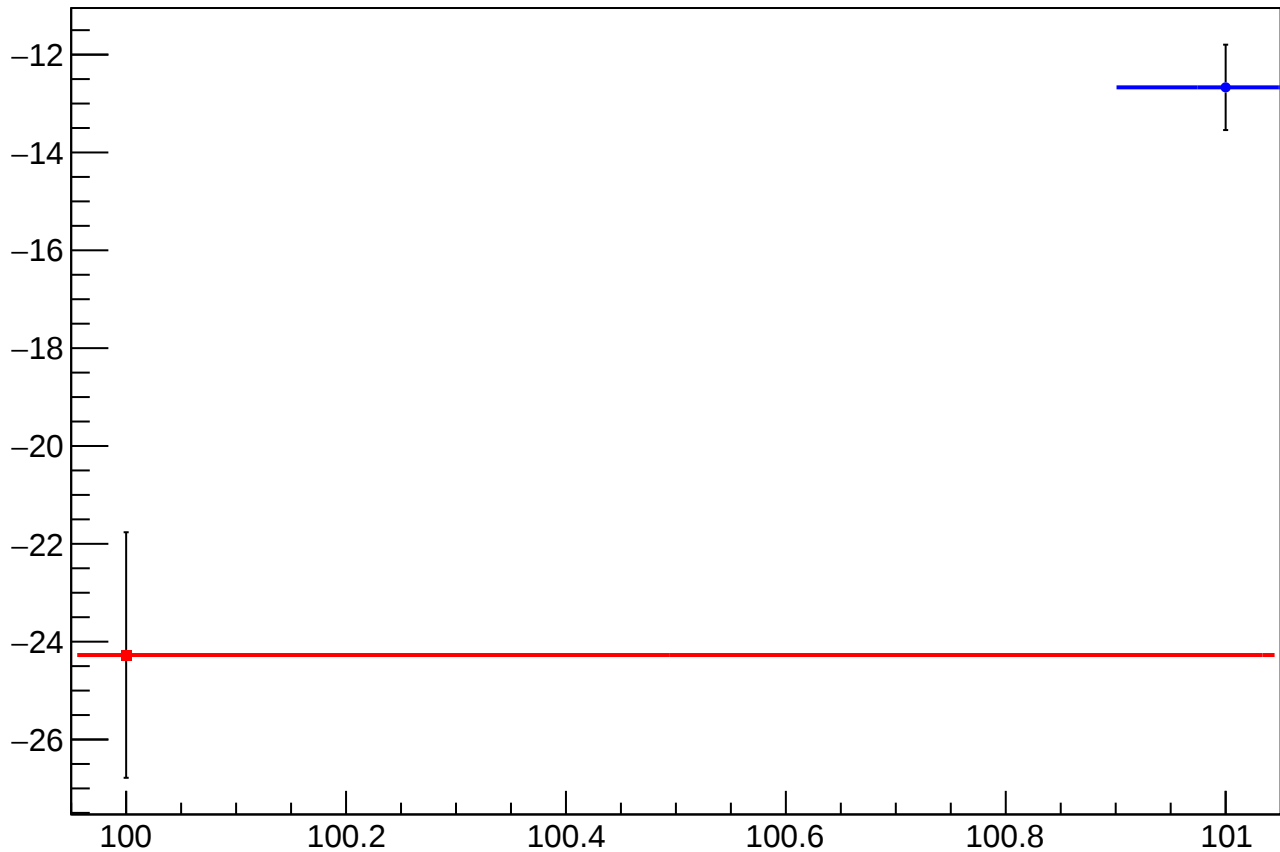
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1157.732 $\pm$ 1.067 χ^2 /NDF: 0.0/0

1155.184 $\pm$ 1.007 χ^2 /NDF: 51.5/1

1134.710 $\pm$ 3.025 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -12.669+/-0.873 χ^2/NDF : 0.0/0

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

Right Out: -24.273+/-2.510 χ^2/NDF : 0.0/0

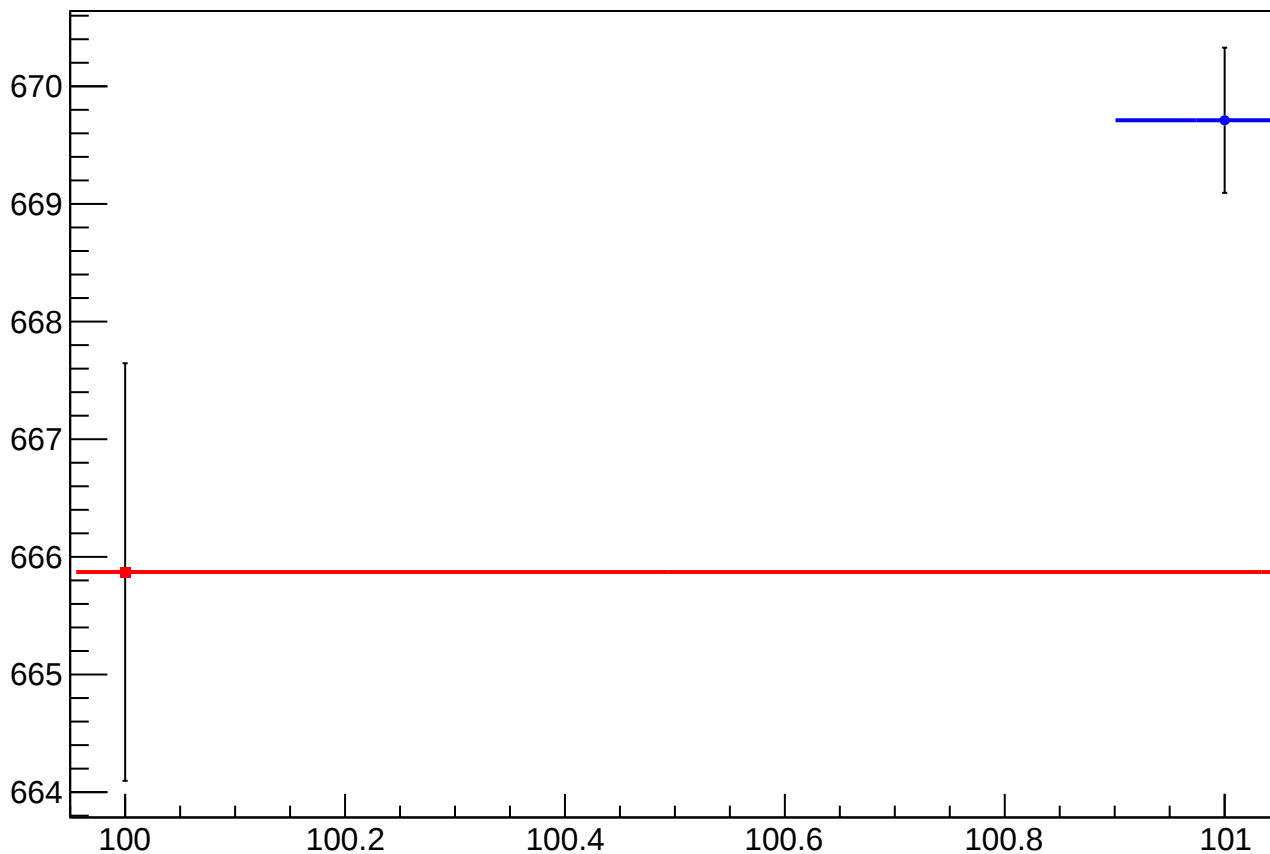
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-12.669+/-0.873 χ^2/NDF : 0.0/0

-13.921+/-0.824 χ^2/NDF : 19.1/1

-24.273+/-2.510 χ^2/NDF : 0.0/0

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 669.711 $\pm$ 0.617 χ^2 /NDF: 0.0/0

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

Right Out: 665.871 $\pm$ 1.775 χ^2 /NDF: 0.0/0

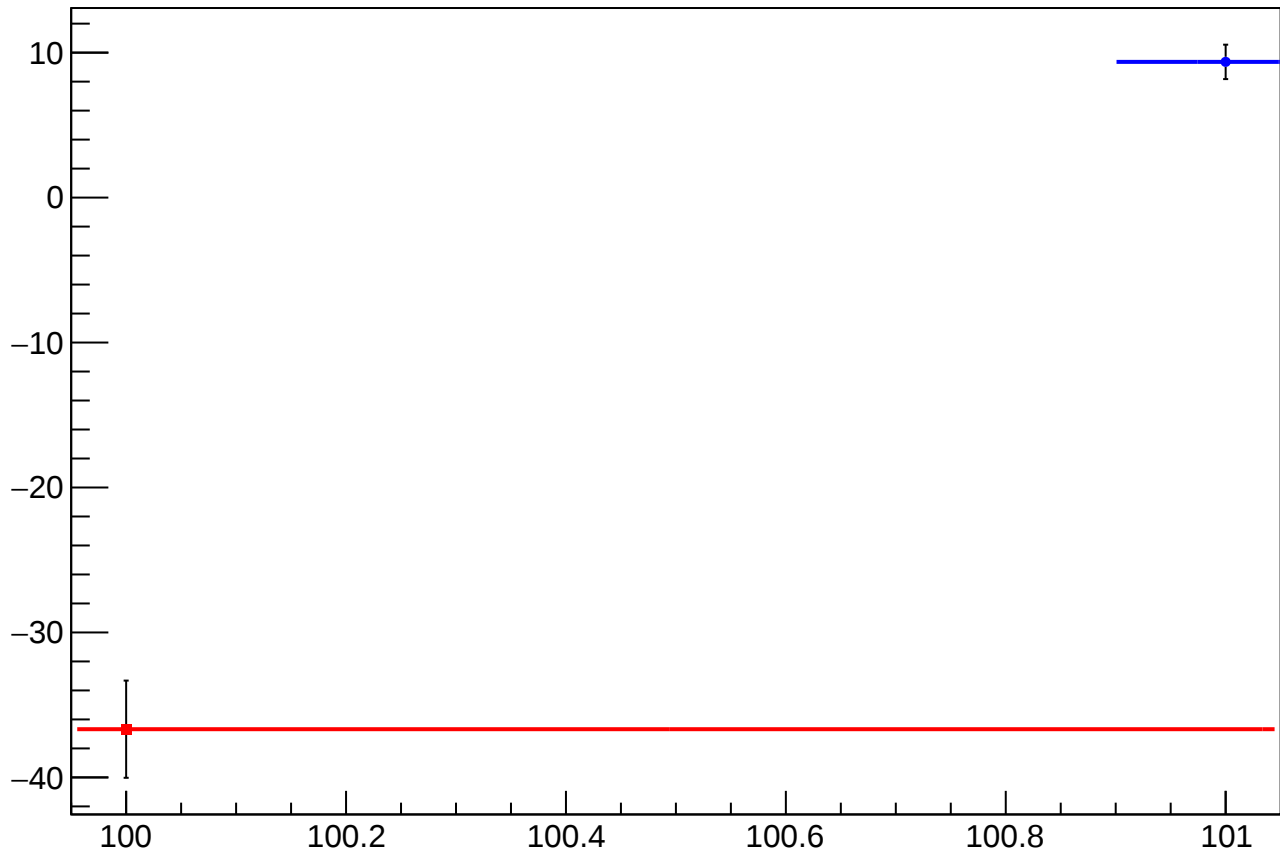
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

669.711 $\pm$ 0.617 χ^2 /NDF: 0.0/0

669.297 $\pm$ 0.583 χ^2 /NDF: 4.2/1

665.871 $\pm$ 1.775 χ^2 /NDF: 0.0/0

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 9.362 $\pm$ 1.187 χ^2 /NDF: 0.0/0

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

Right Out: -36.674 $\pm$ 3.353 χ^2 /NDF: 0.0/0

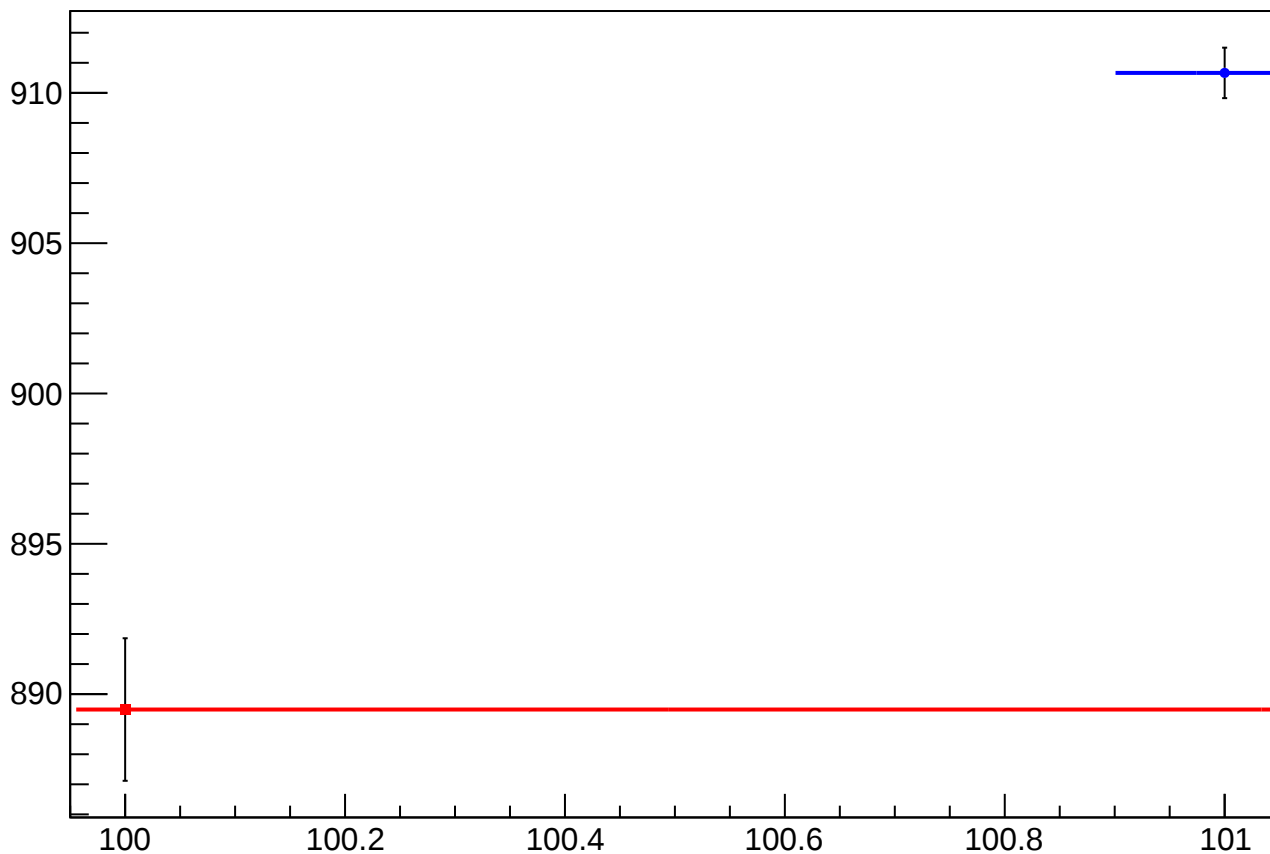
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.362 $\pm$ 1.187 χ^2 /NDF: 0.0/0

4.233 $\pm$ 1.119 χ^2 /NDF: 167.5/1

-36.674 $\pm$ 3.353 χ^2 /NDF: 0.0/0

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 910.664 $\pm$ 0.839 χ^2 /NDF: 0.0/0

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

Right Out: 889.488 $\pm$ 2.371 χ^2 /NDF: 0.0/0

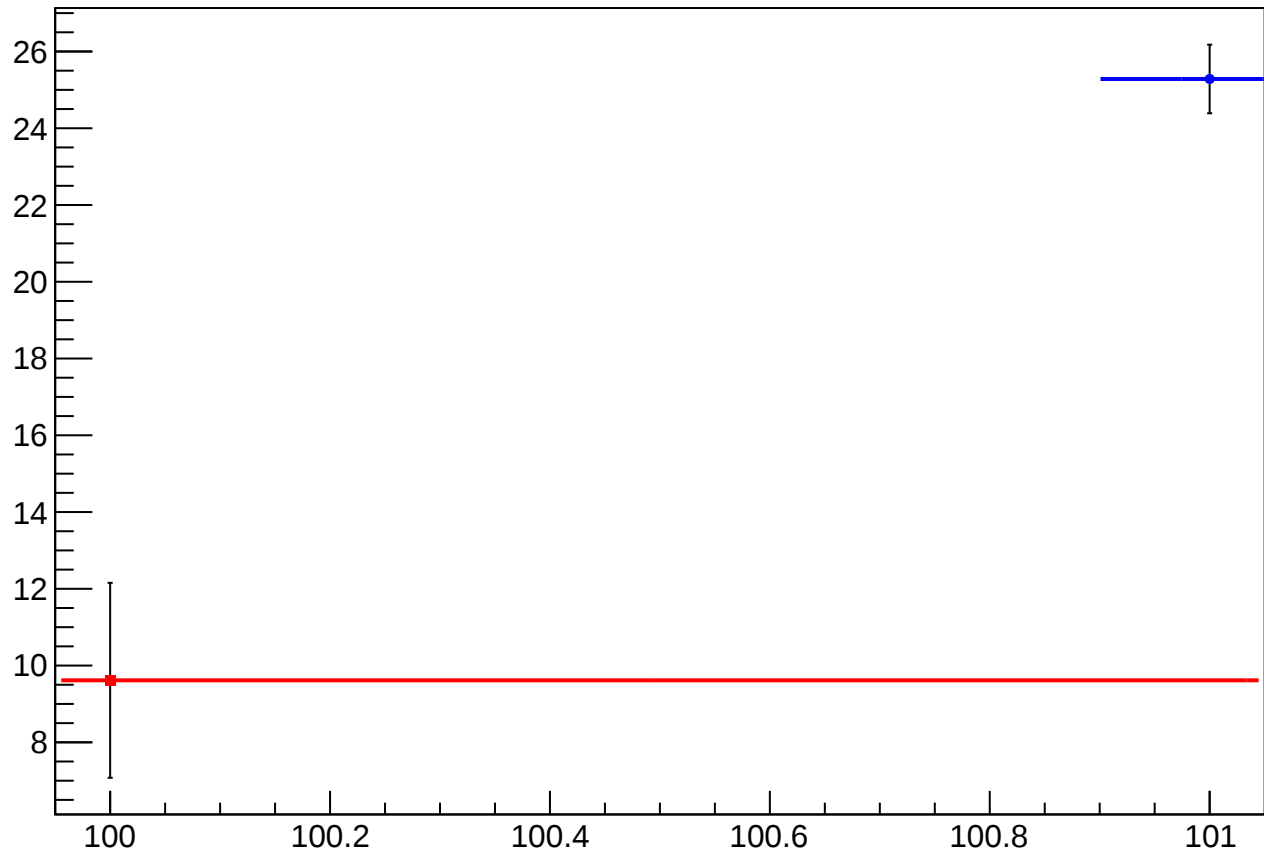
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

910.664 $\pm$ 0.839 χ^2 /NDF: 0.0/0

908.305 $\pm$ 0.791 χ^2 /NDF: 70.9/1

889.488 $\pm$ 2.371 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 25.284 $\pm$ 0.894 χ^2 /NDF: 0.0/0

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

Right Out: 9.615 $\pm$ 2.540 χ^2 /NDF: 0.0/0

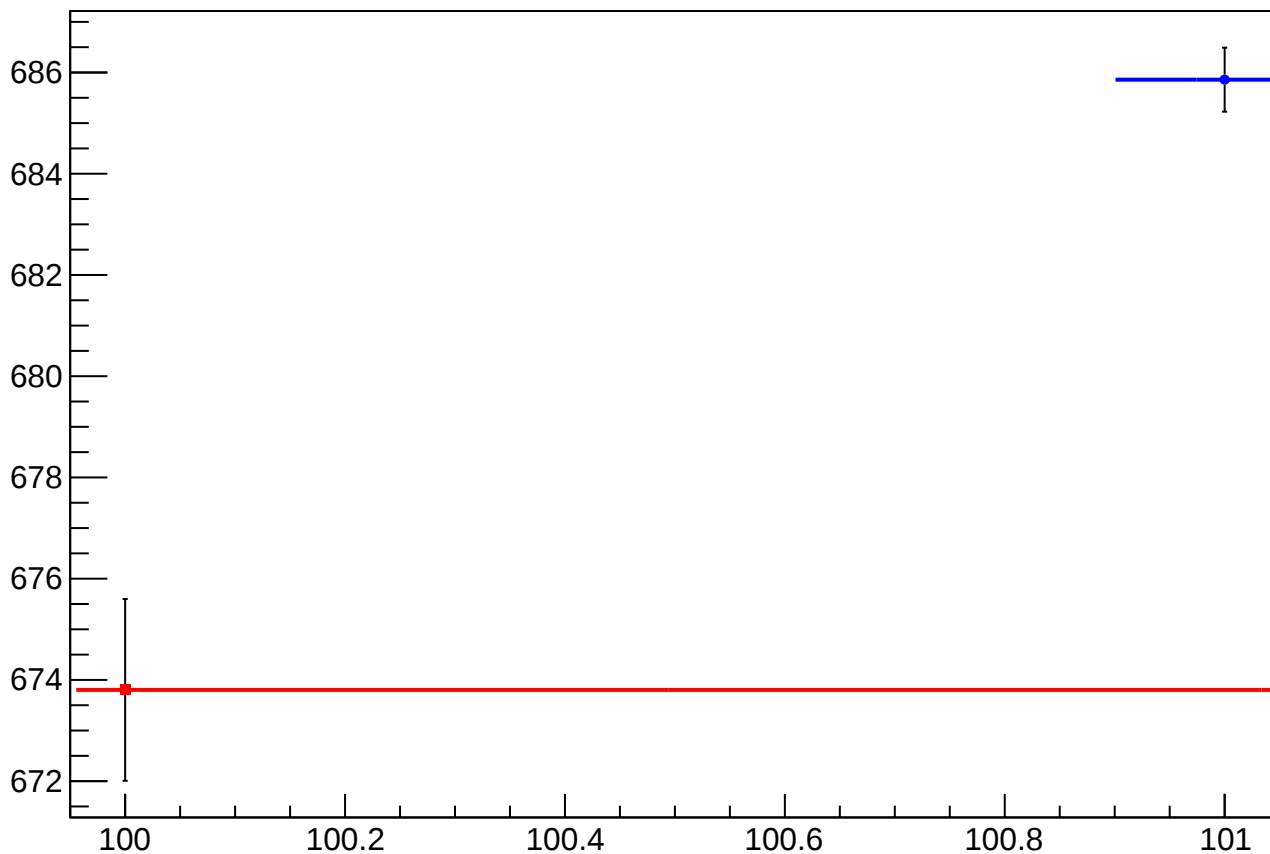
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.284 $\pm$ 0.894 χ^2 /NDF: 0.0/0

23.557 $\pm$ 0.843 χ^2 /NDF: 33.9/1

9.615 $\pm$ 2.540 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 685.858+/-0.632 χ^2/NDF : 0.0/0

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

Right Out: 673.803+/-1.796 χ^2/NDF : 0.0/0

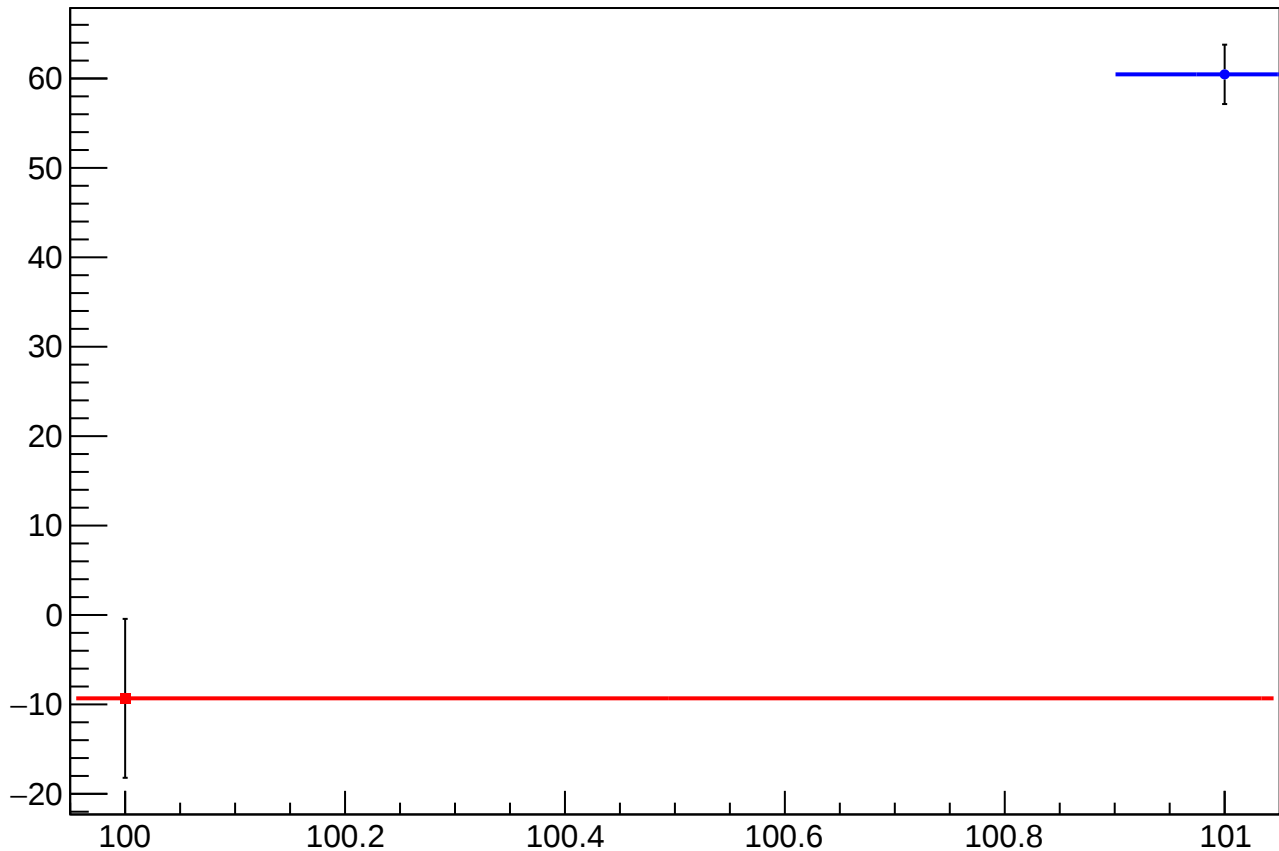
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

685.858+/-0.632 χ^2/NDF : 0.0/0

684.530+/-0.596 χ^2/NDF : 40.1/1

673.803+/-1.796 χ^2/NDF : 0.0/0

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 60.461+/-3.320 χ^2 /NDF: 0.0/0

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

Right Out: -9.322+/-8.886 χ^2 /NDF: 0.0/0

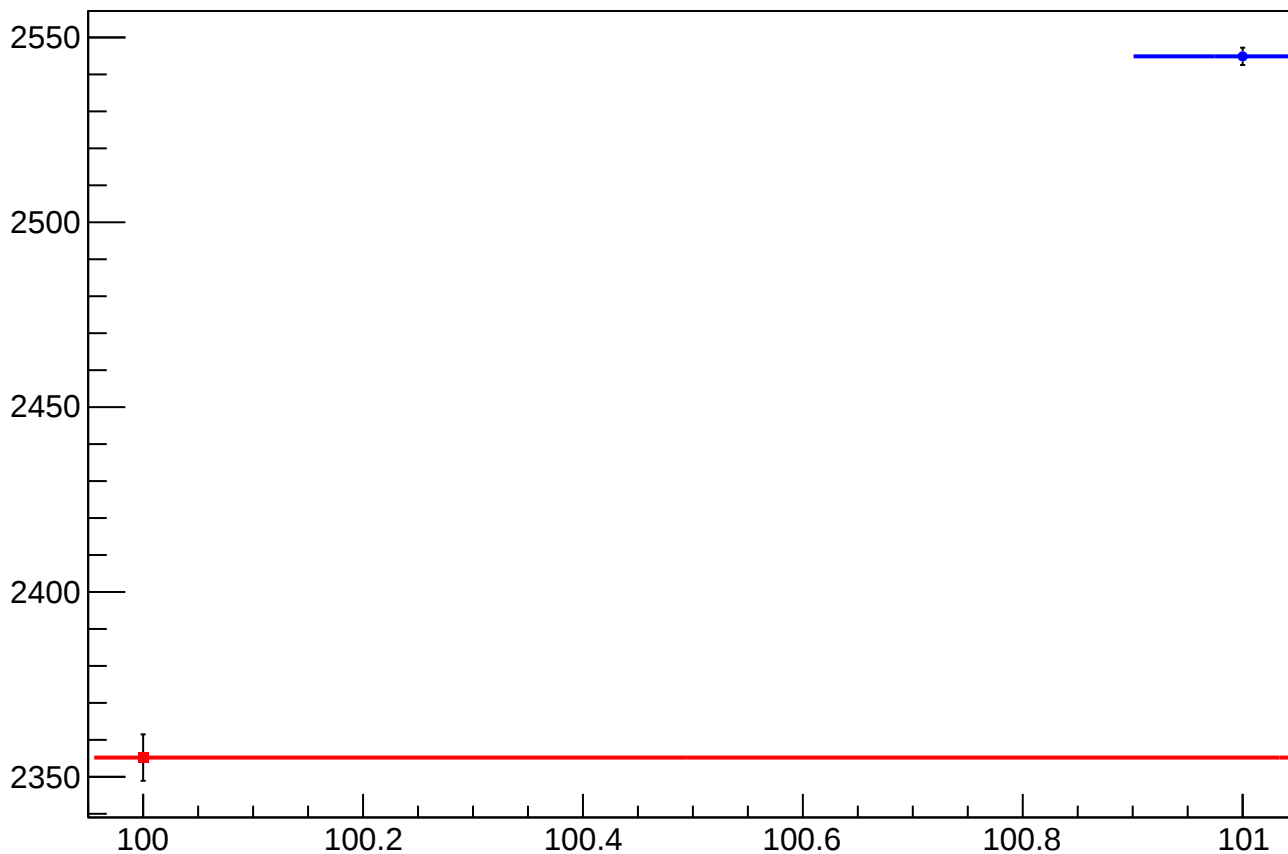
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

60.461+/-3.320 χ^2 /NDF: 0.0/0

51.913+/-3.110 χ^2 /NDF: 54.1/1

-9.322+/-8.886 χ^2 /NDF: 0.0/0

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2544.886 $\pm$ 2.348 χ^2/NDF : 0.0/0

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

Right Out: 2355.210 $\pm$ 6.284 χ^2/NDF : 0.0/0

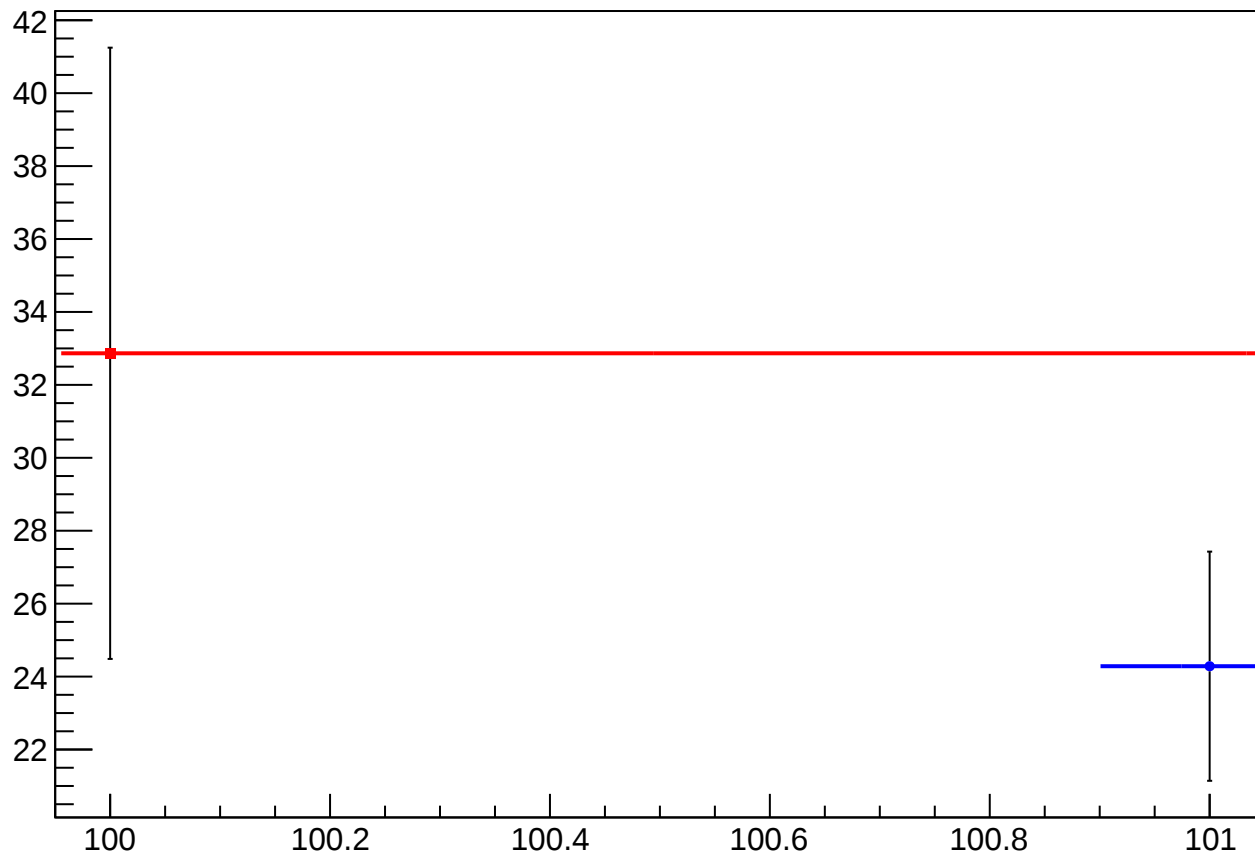
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2544.886 $\pm$ 2.348 χ^2/NDF : 0.0/0

2521.651 $\pm$ 2.199 χ^2/NDF : 799.6/1

2355.210 $\pm$ 6.284 χ^2/NDF : 0.0/0

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 24.285+/-3.142 χ^2/NDF : 0.0/0

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

Right Out: 32.866+/-8.382 χ^2/NDF : 0.0/0

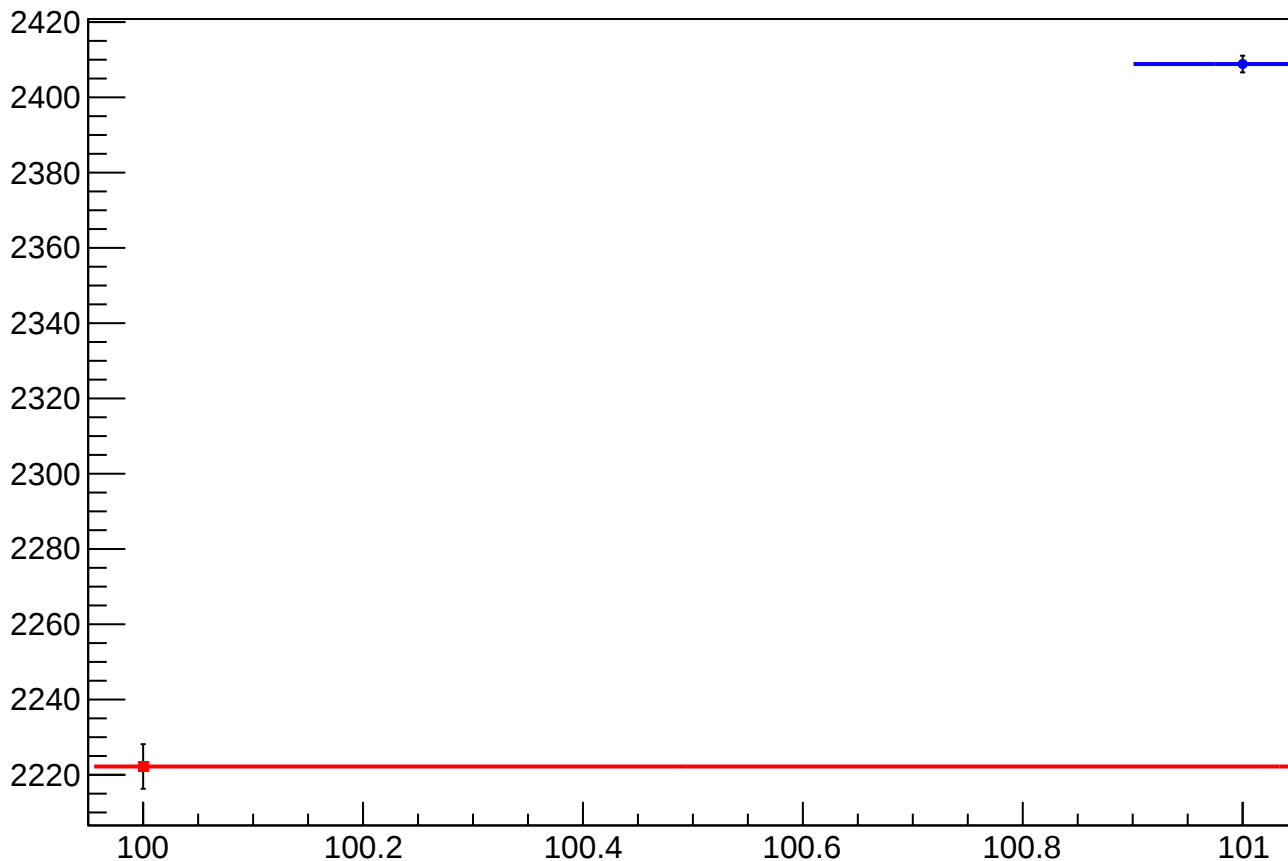
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

24.285+/-3.142 χ^2/NDF : 0.0/0

25.342+/-2.942 χ^2/NDF : 0.9/1

32.866+/-8.382 χ^2/NDF : 0.0/0

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2408.850+/-2.222 χ^2/NDF : 0.0/0

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

Right Out: 2222.214+/-5.927 χ^2/NDF : 0.0/0

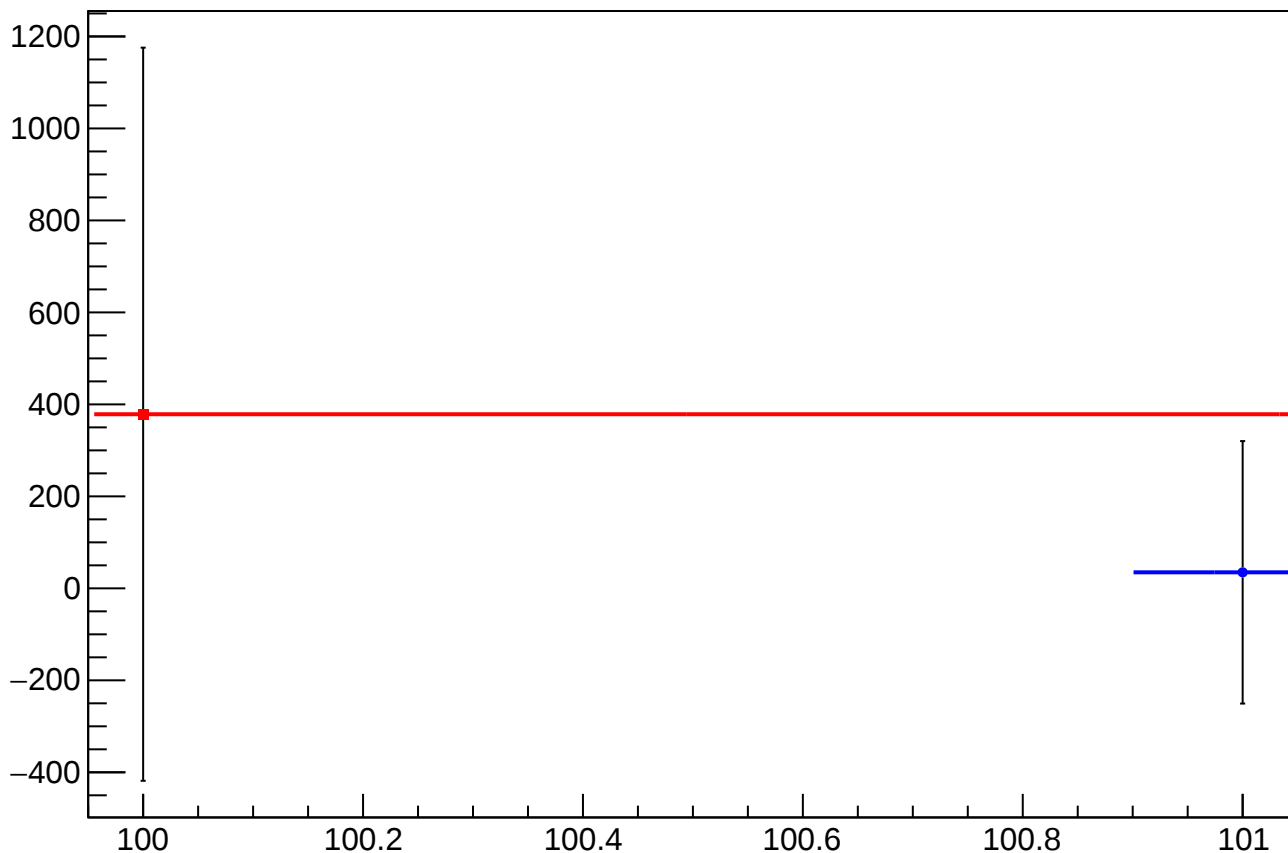
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2408.850+/-2.222 χ^2/NDF : 0.0/0

2385.848+/-2.081 χ^2/NDF : 869.5/1

2222.214+/-5.927 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 34.822+/-285.334 χ^2/NDF : 0.0/0

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

Right Out: 378.574+/-797.038 χ^2/NDF : 0.0/0

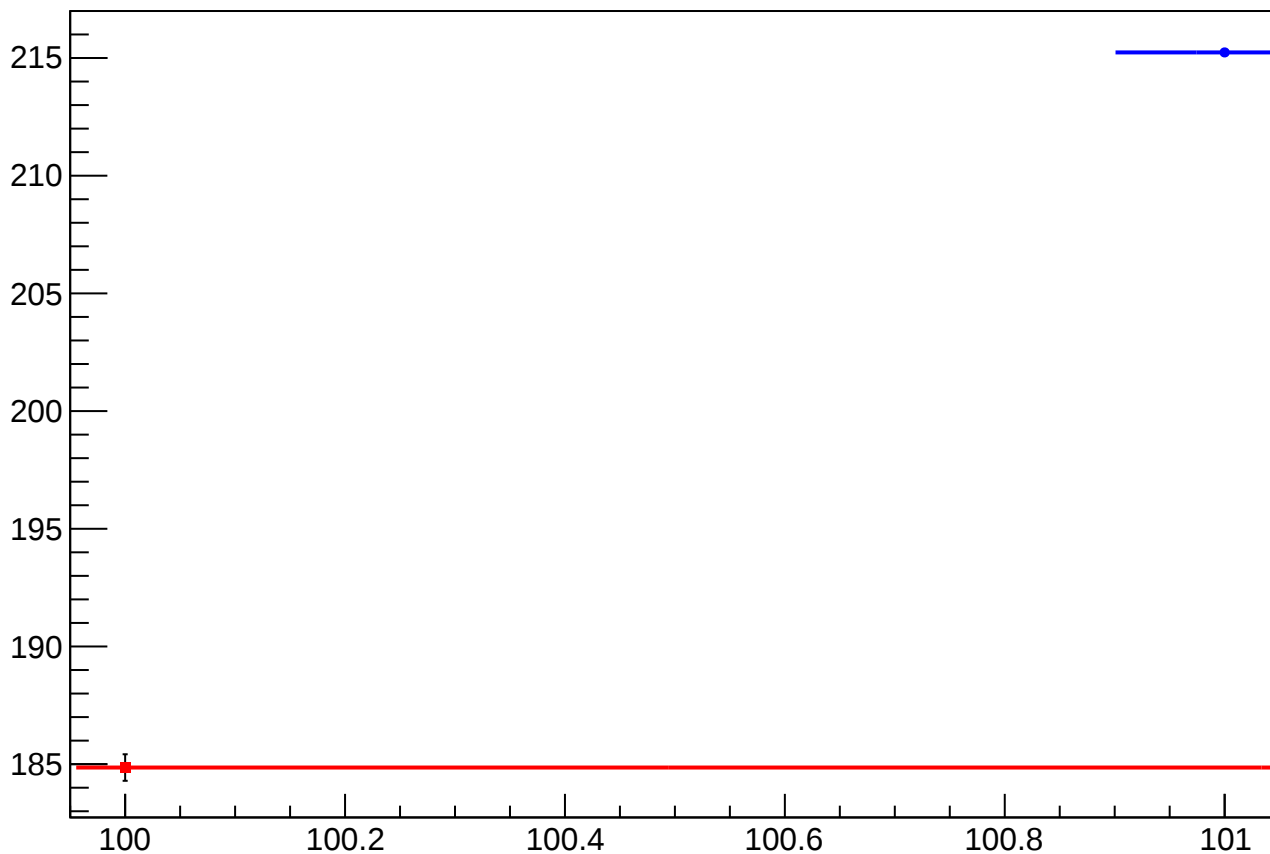
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

34.822+/-285.334 χ^2/NDF : 0.0/0

73.872+/-268.638 χ^2/NDF : 0.2/1

378.574+/-797.038 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 215.237 $\pm$ 0.202 χ^2/NDF : 0.0/0

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

Right Out: 184.857 $\pm$ 0.564 χ^2/NDF : 0.0/0

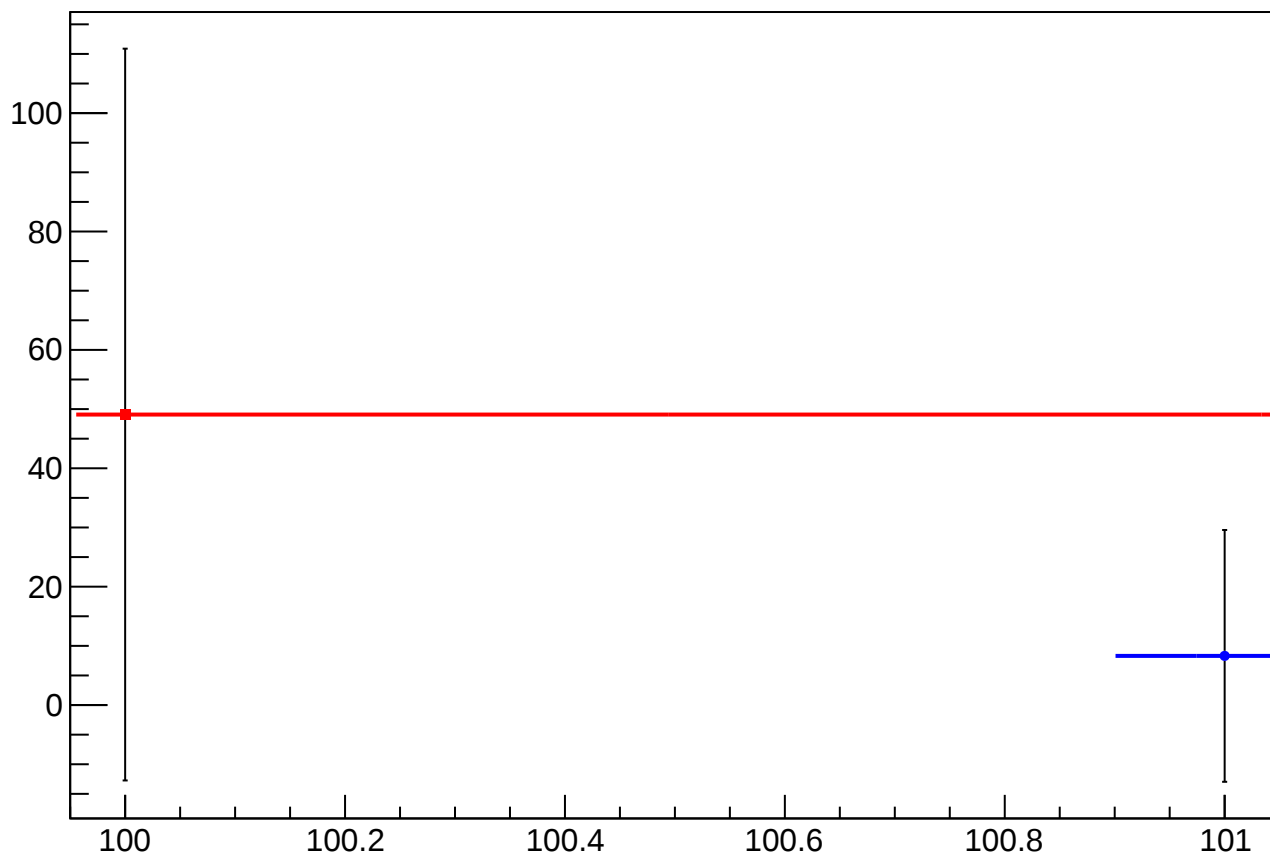
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

215.237 $\pm$ 0.202 χ^2/NDF : 0.0/0

211.786 $\pm$ 0.190 χ^2/NDF : 2575.6/1

184.857 $\pm$ 0.564 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 8.306+/-21.269 χ^2/NDF : 0.0/0

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

Right Out: 49.076+/-61.813 χ^2/NDF : 0.0/0

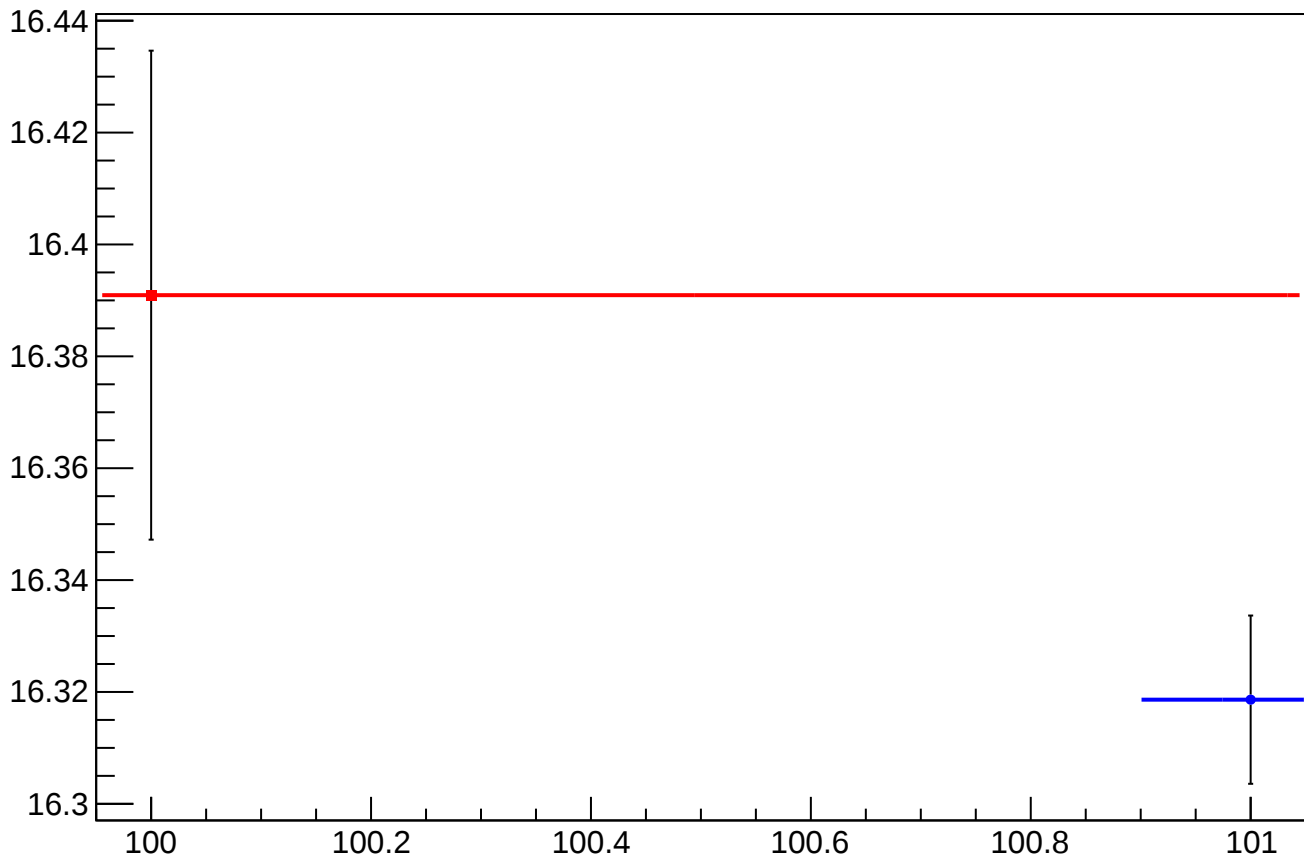
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

8.306+/-21.269 χ^2/NDF : 0.0/0

12.622+/-20.112 χ^2/NDF : 0.4/1

49.076+/-61.813 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.319 $\pm$ 0.015 χ^2 /NDF: 0.0/0

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

Right Out: 16.391 $\pm$ 0.044 χ^2 /NDF: 0.0/0

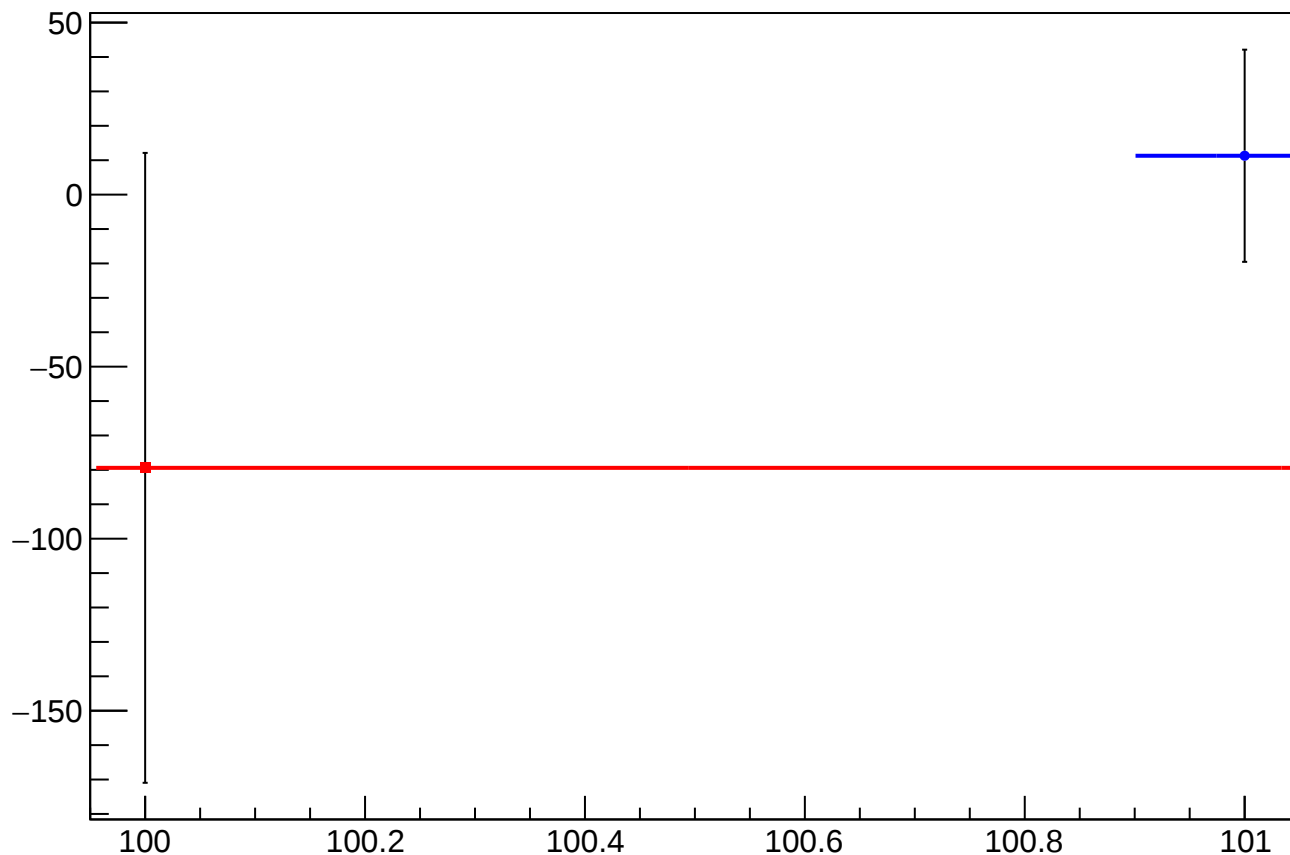
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.319 $\pm$ 0.015 χ^2 /NDF: 0.0/0

16.326 $\pm$ 0.014 χ^2 /NDF: 2.4/1

16.391 $\pm$ 0.044 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 11.296+/-30.833 χ^2/NDF : 0.0/0

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

Right Out: -79.412+/-91.536 χ^2/NDF : 0.0/0

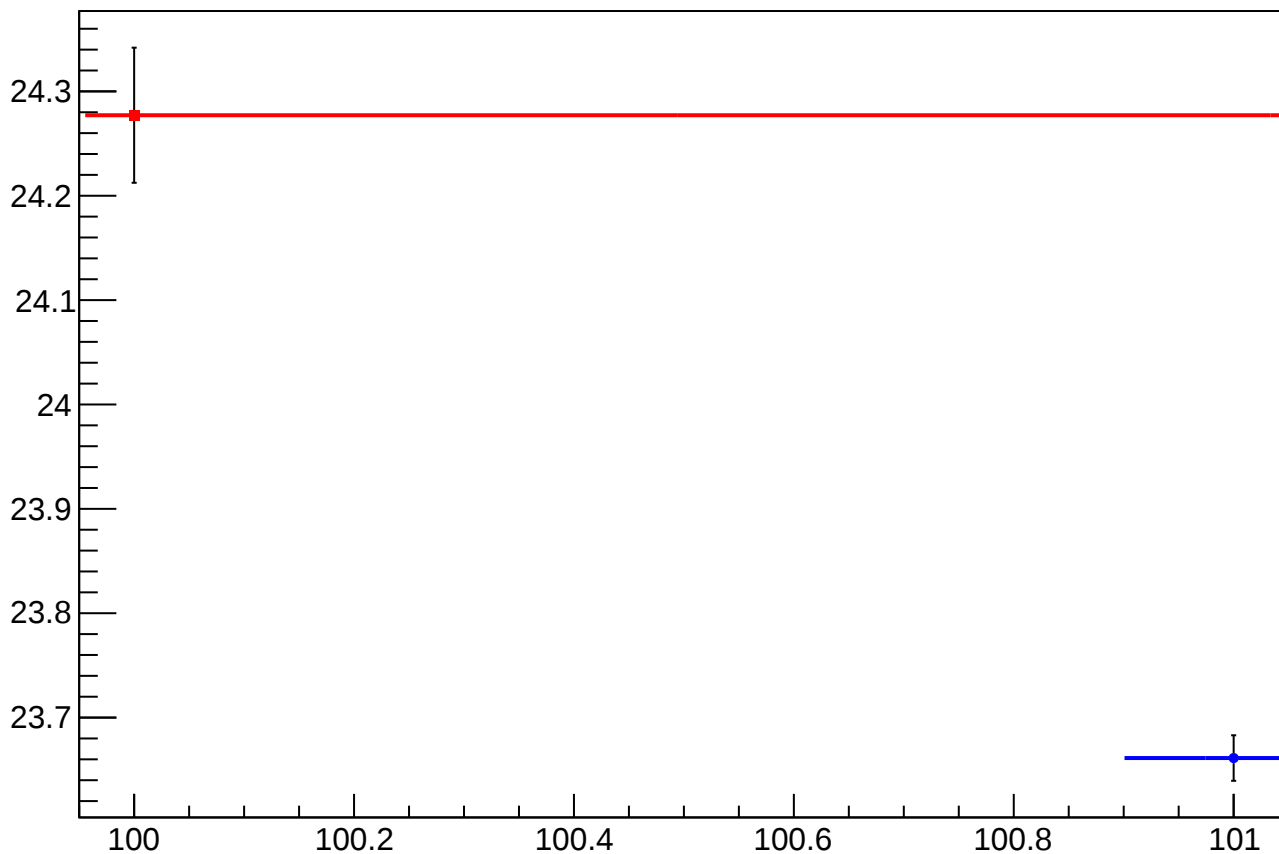
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

11.296+/-30.833 χ^2/NDF : 0.0/0

2.053+/-29.220 χ^2/NDF : 0.9/1

-79.412+/-91.536 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.661 $\pm$ 0.022 χ^2 /NDF: 0.0/0

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

Right Out: 24.277 $\pm$ 0.065 χ^2 /NDF: 0.0/0

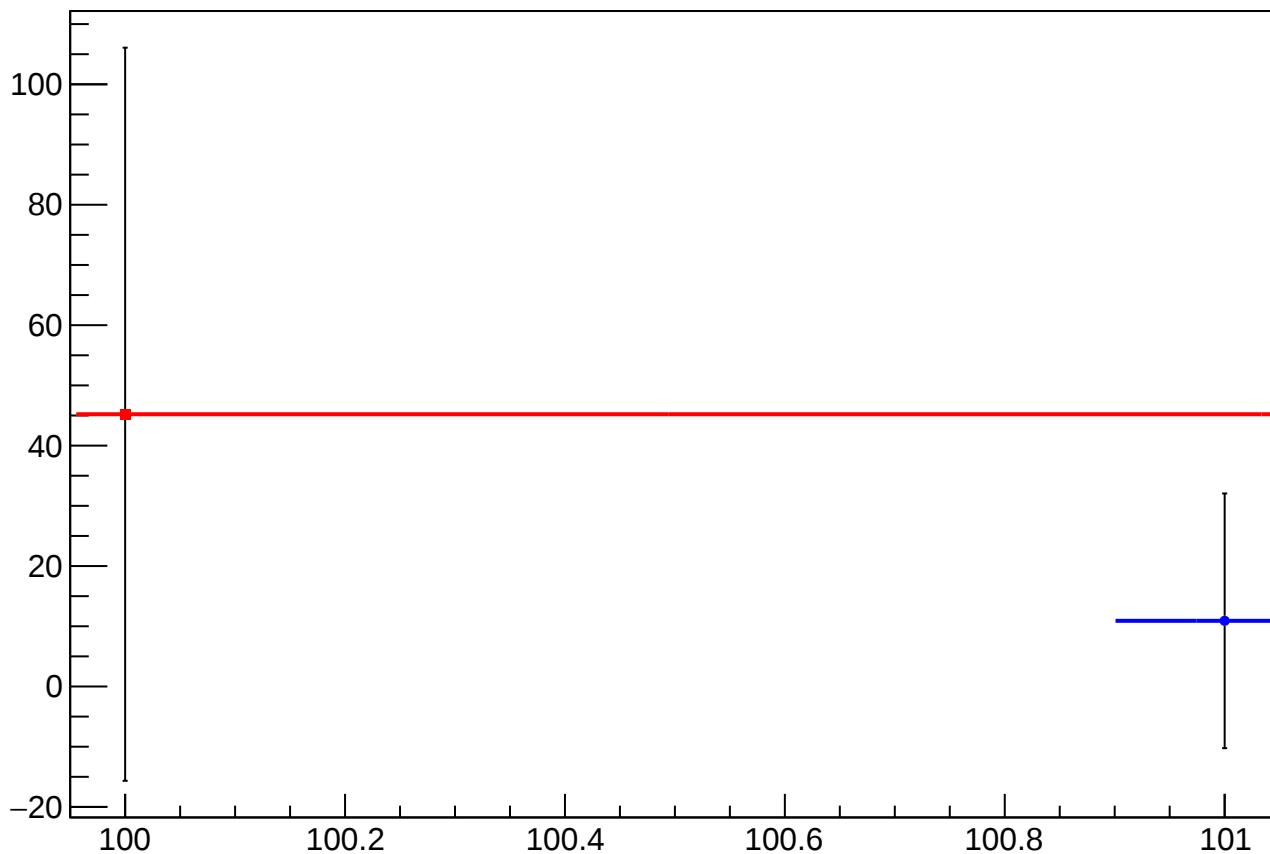
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.661 $\pm$ 0.022 χ^2 /NDF: 0.0/0

23.724 $\pm$ 0.021 χ^2 /NDF: 81.3/1

24.277 $\pm$ 0.065 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 10.905 $\pm$ 21.149 χ^2 /NDF: 0.0/0

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

Right Out: 45.212 $\pm$ 60.873 χ^2 /NDF: 0.0/0

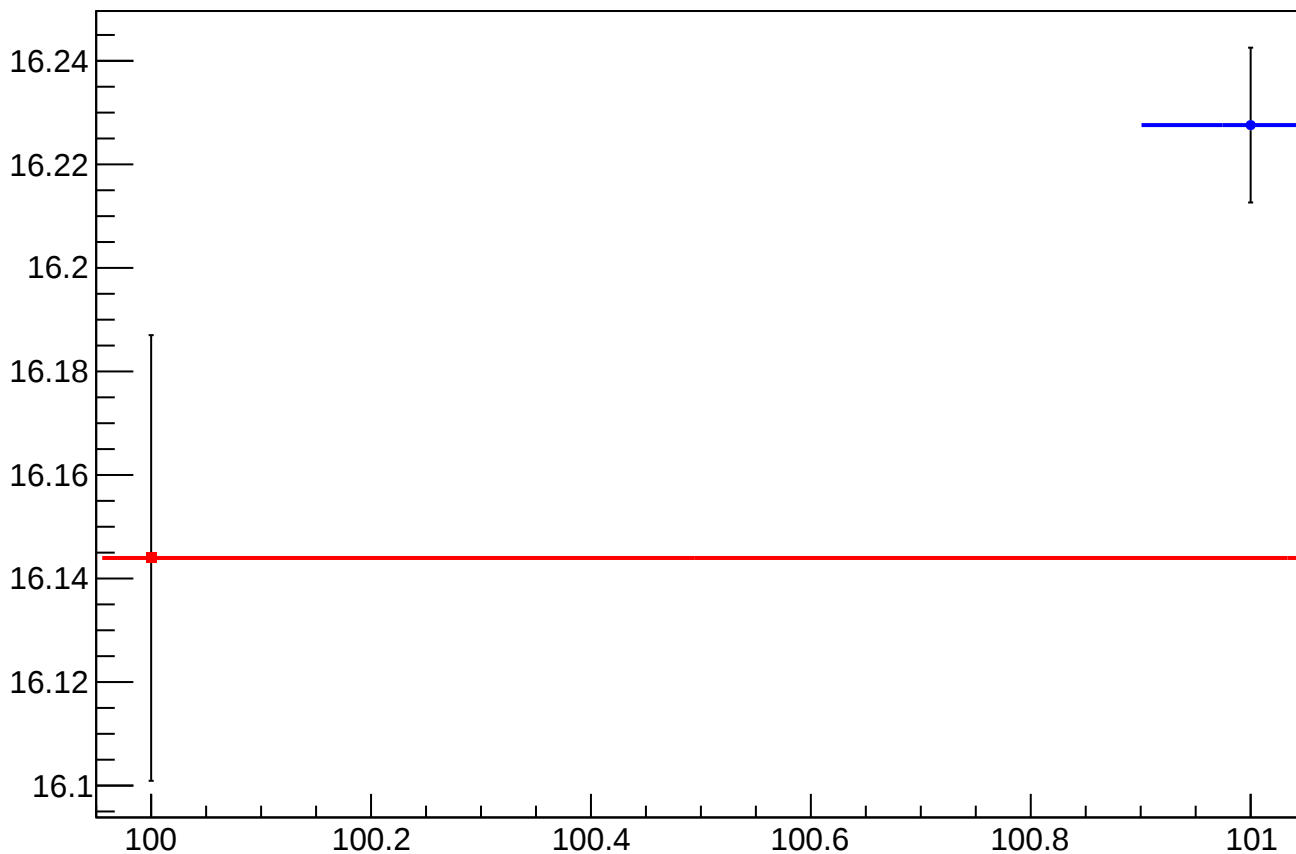
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

10.905 $\pm$ 21.149 χ^2 /NDF: 0.0/0

14.600 $\pm$ 19.978 χ^2 /NDF: 0.3/1

45.212 $\pm$ 60.873 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.228 $\pm$ 0.015 χ^2 /NDF: 0.0/0

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

Right Out: 16.144 $\pm$ 0.043 χ^2 /NDF: 0.0/0

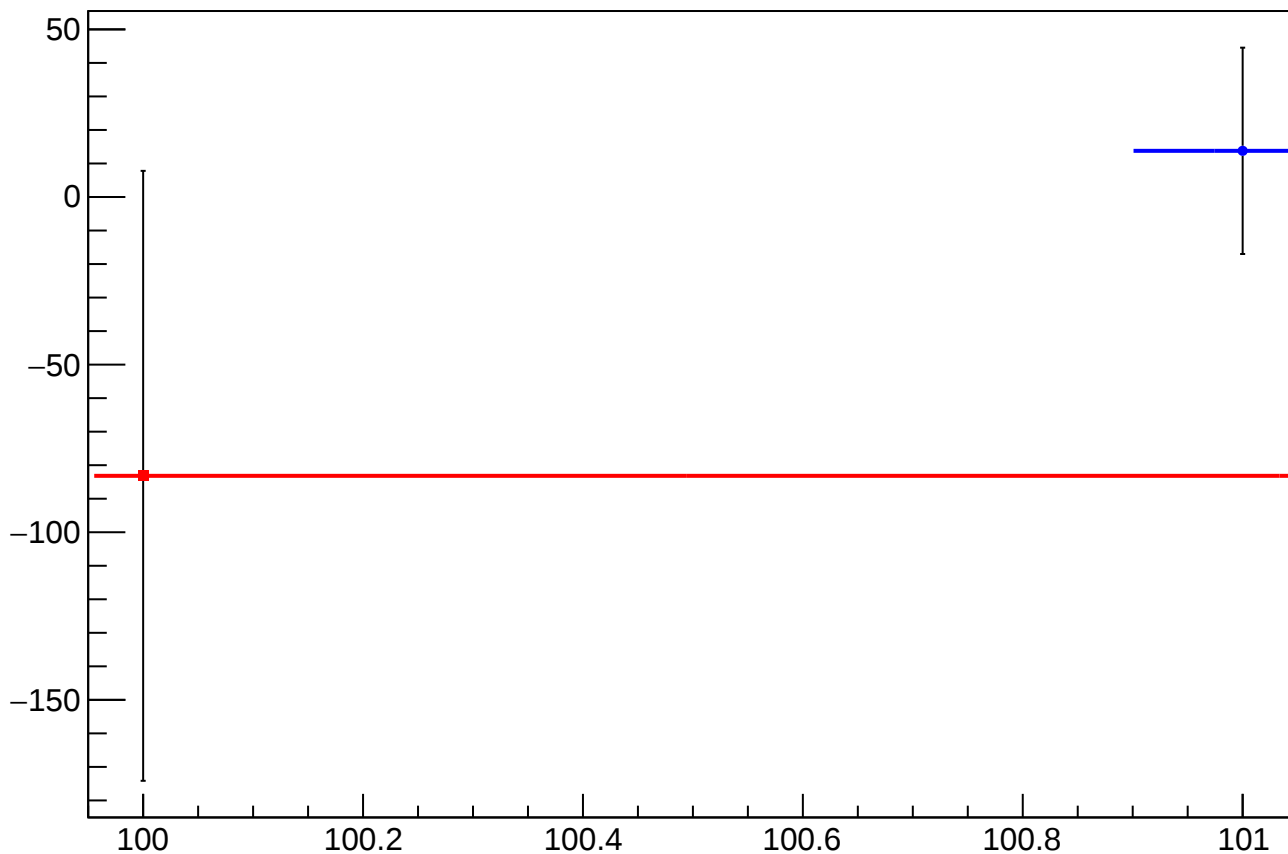
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.228 $\pm$ 0.015 χ^2 /NDF: 0.0/0

16.219 $\pm$ 0.014 χ^2 /NDF: 3.4/1

16.144 $\pm$ 0.043 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 13.772+/-30.774 χ^2 /NDF: 0.0/0

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

Right Out: -83.173+/-90.971 χ^2 /NDF: 0.0/0

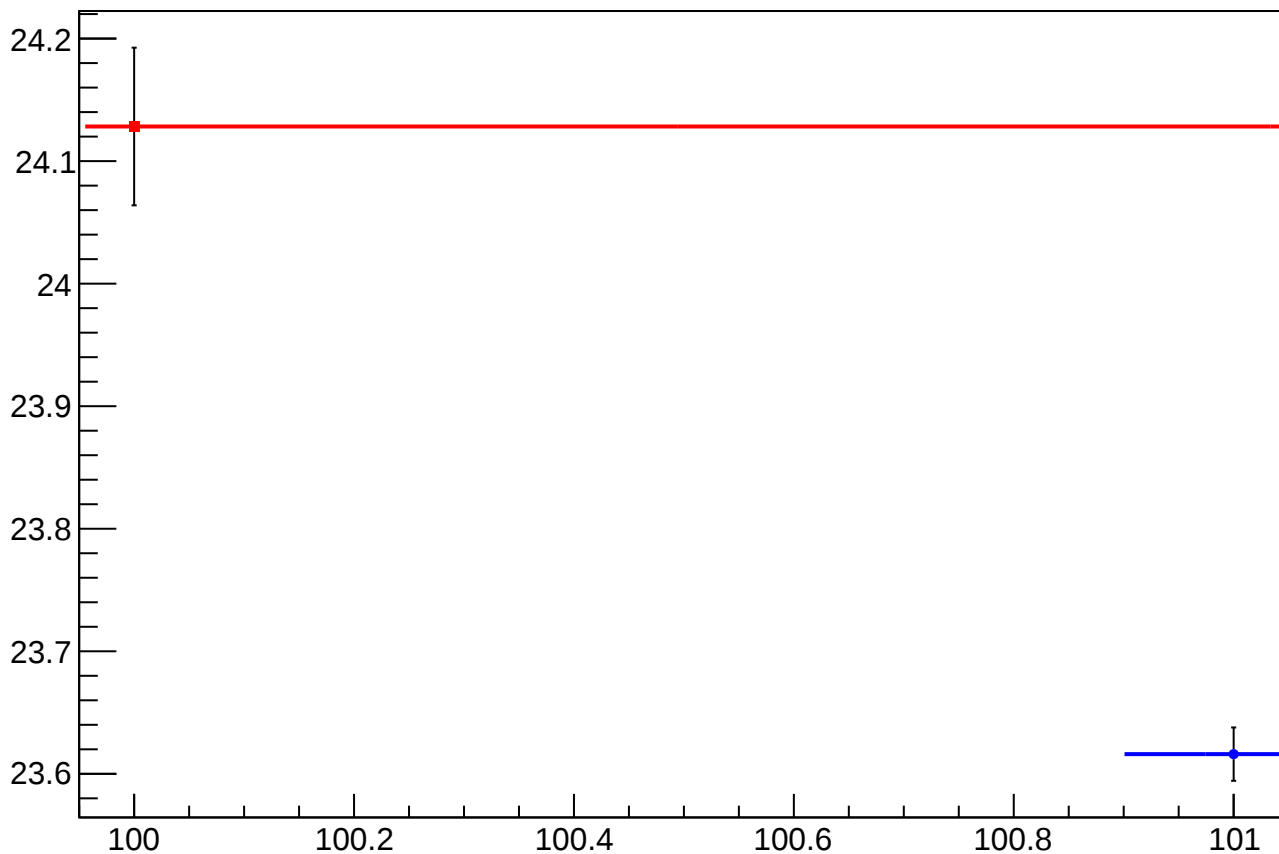
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

13.772+/-30.774 χ^2 /NDF: 0.0/0

3.817+/-29.152 χ^2 /NDF: 1.0/1

-83.173+/-90.971 χ^2 /NDF: 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 23.616 $\pm$ 0.022 χ^2 /NDF: 0.0/0

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

Right Out: 24.128 $\pm$ 0.064 χ^2 /NDF: 0.0/0

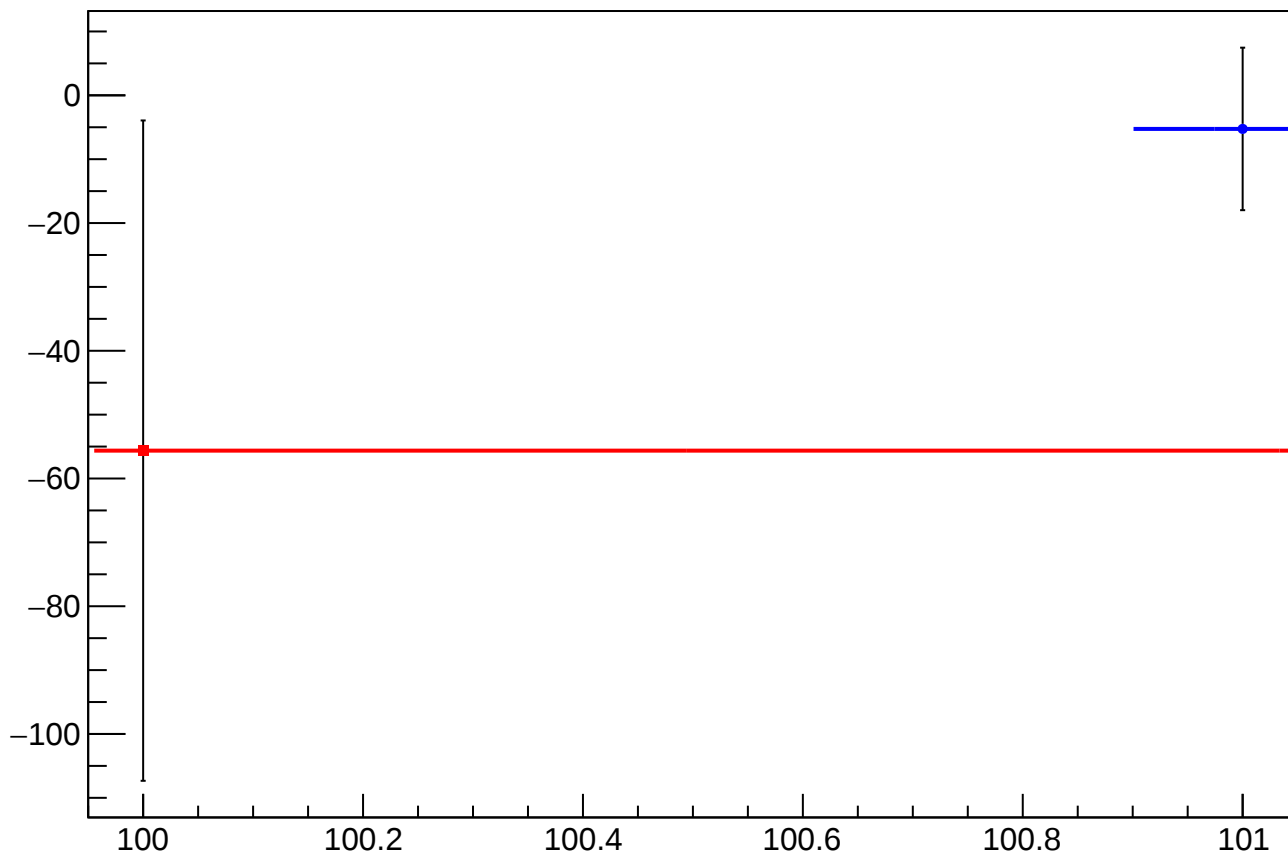
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

23.616 $\pm$ 0.022 χ^2 /NDF: 0.0/0

23.669 $\pm$ 0.021 χ^2 /NDF: 56.9/1

24.128 $\pm$ 0.064 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.261+/-12.722 χ^2/NDF : 0.0/0

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

Right Out: -55.635+/-51.698 χ^2/NDF : 0.0/0

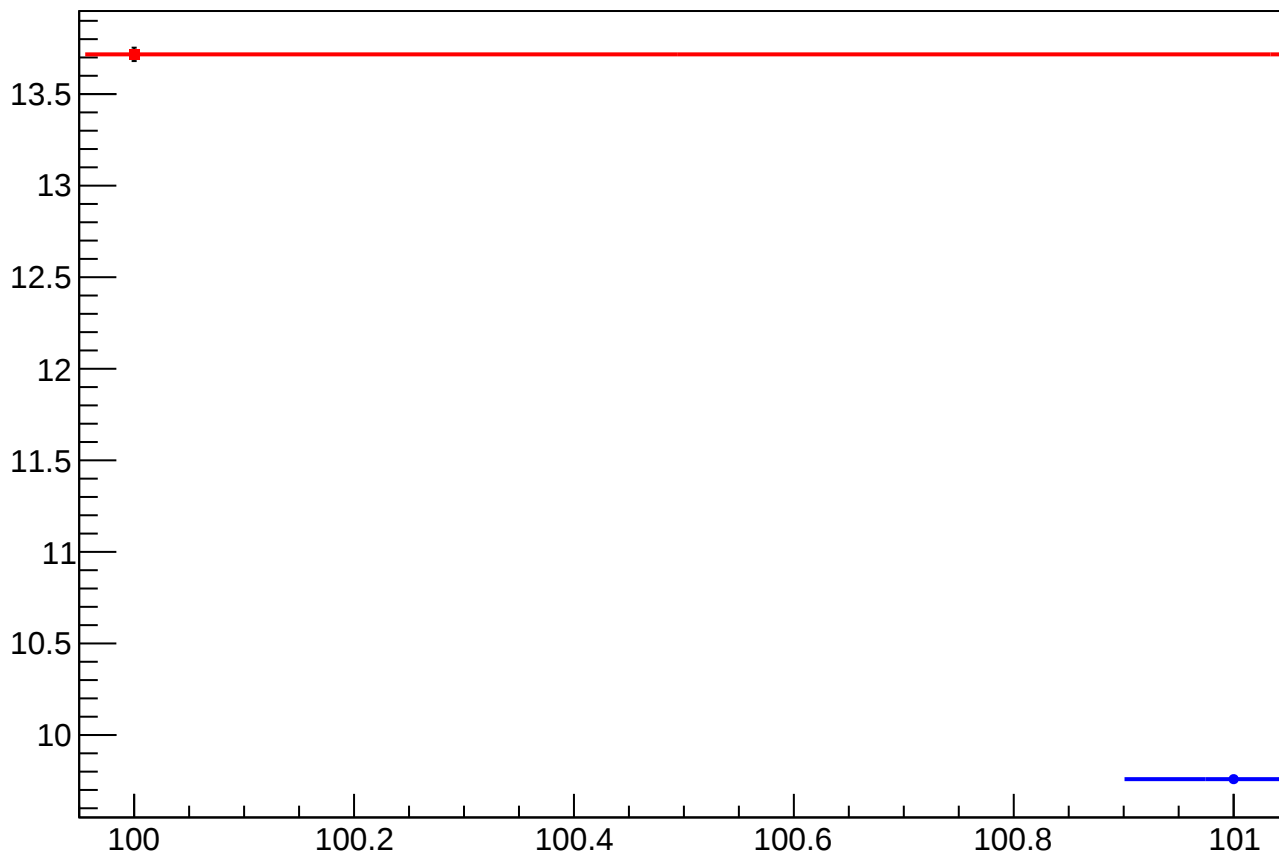
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-5.261+/-12.722 χ^2/NDF : 0.0/0

-8.137+/-12.354 χ^2/NDF : 0.9/1

-55.635+/-51.698 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.759 $\pm$ 0.009 χ^2 /NDF: 0.0/0

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

Right Out: 13.717 $\pm$ 0.037 χ^2 /NDF: 0.0/0

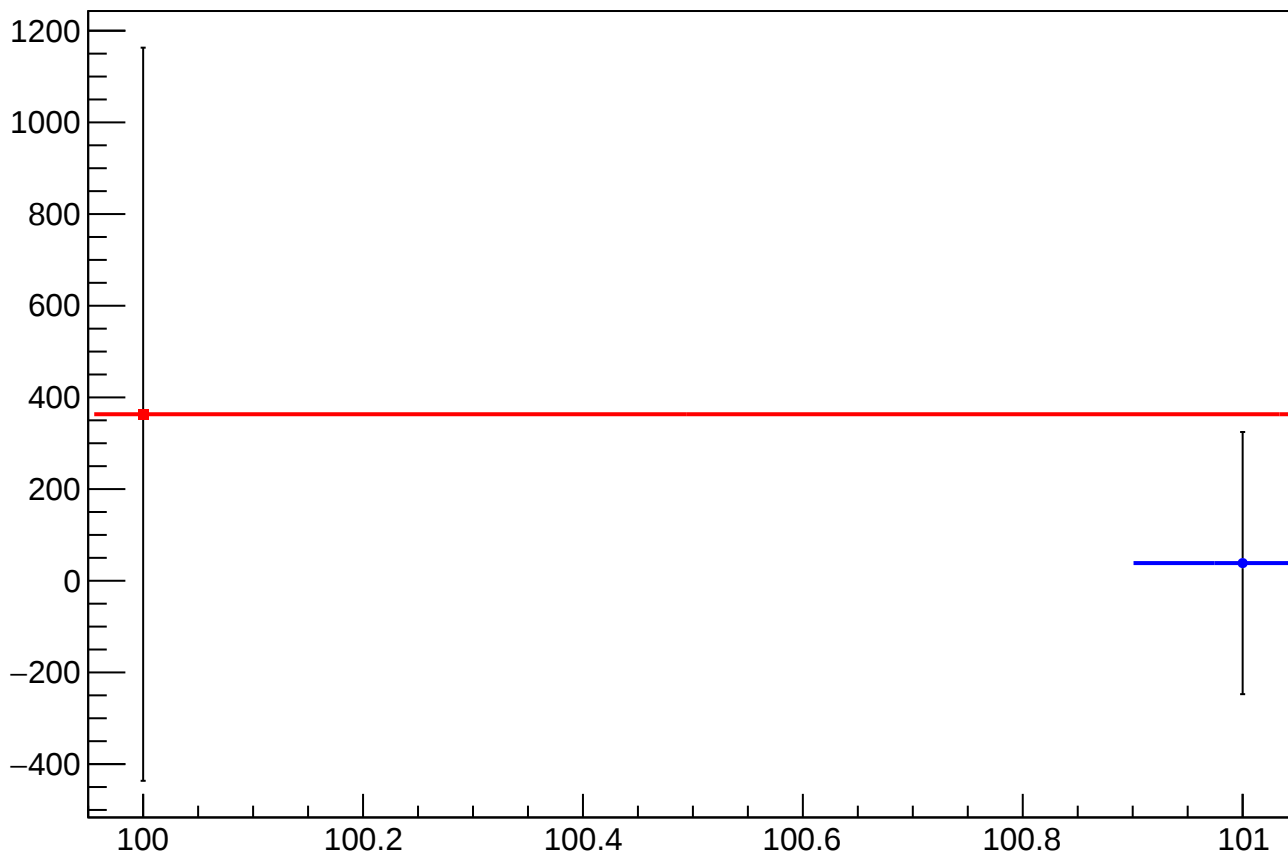
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

9.759 $\pm$ 0.009 χ^2 /NDF: 0.0/0

9.985 $\pm$ 0.009 χ^2 /NDF: 11053.0/1

13.717 $\pm$ 0.037 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: 38.565+/-285.979 χ^2/NDF : 0.0/0

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

Right Out: 363.297+/-799.711 χ^2/NDF : 0.0/0

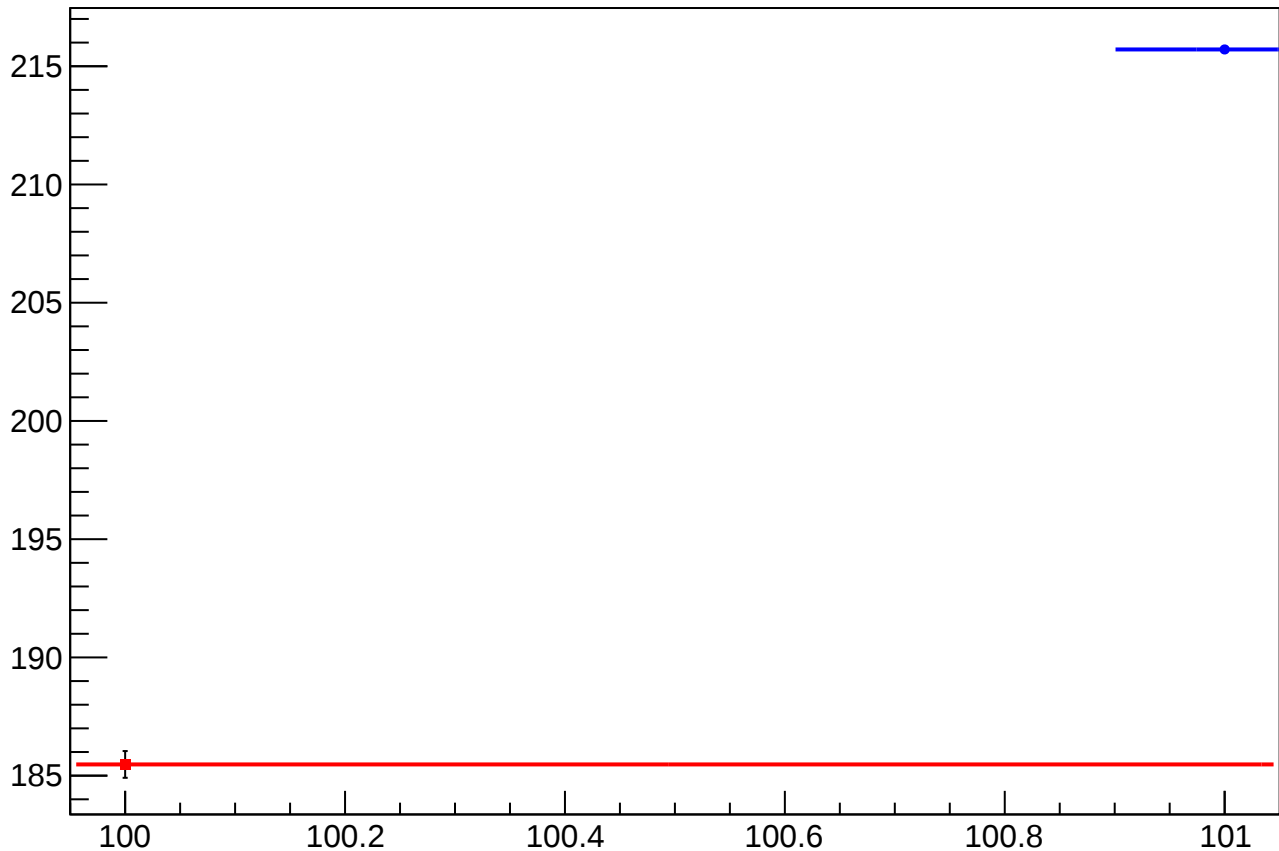
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

38.565+/-285.979 χ^2/NDF : 0.0/0

75.383+/-269.279 χ^2/NDF : 0.1/1

363.297+/-799.711 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 215.710 $\pm$ 0.202 χ^2 /NDF: 0.0/0

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

Right Out: 185.475 $\pm$ 0.565 χ^2 /NDF: 0.0/0

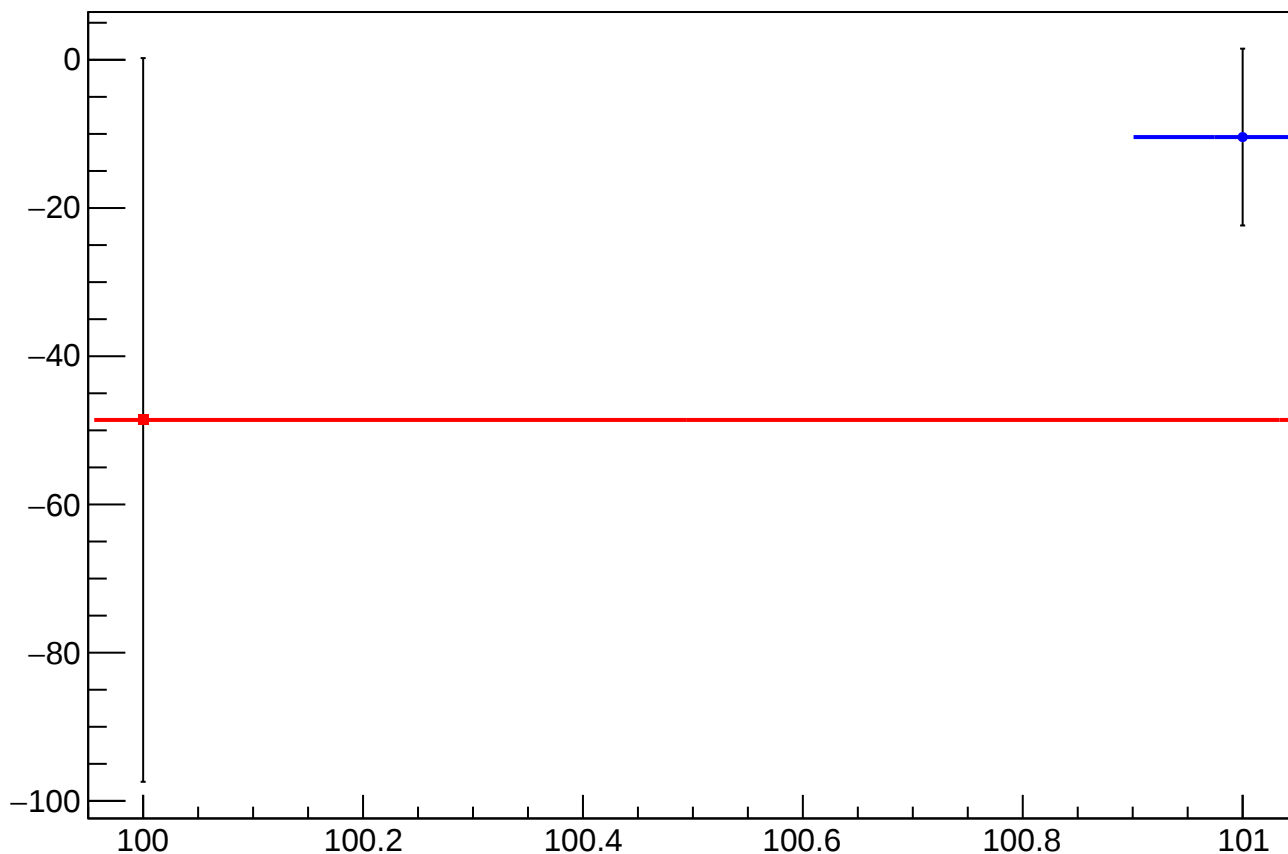
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

215.710 $\pm$ 0.202 χ^2 /NDF: 0.0/0

212.282 $\pm$ 0.190 χ^2 /NDF: 2534.7/1

185.475 $\pm$ 0.565 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.426+/-11.928 χ^2 /NDF: 0.0/0

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

Right Out: -48.596+/-48.827 χ^2 /NDF: 0.0/0

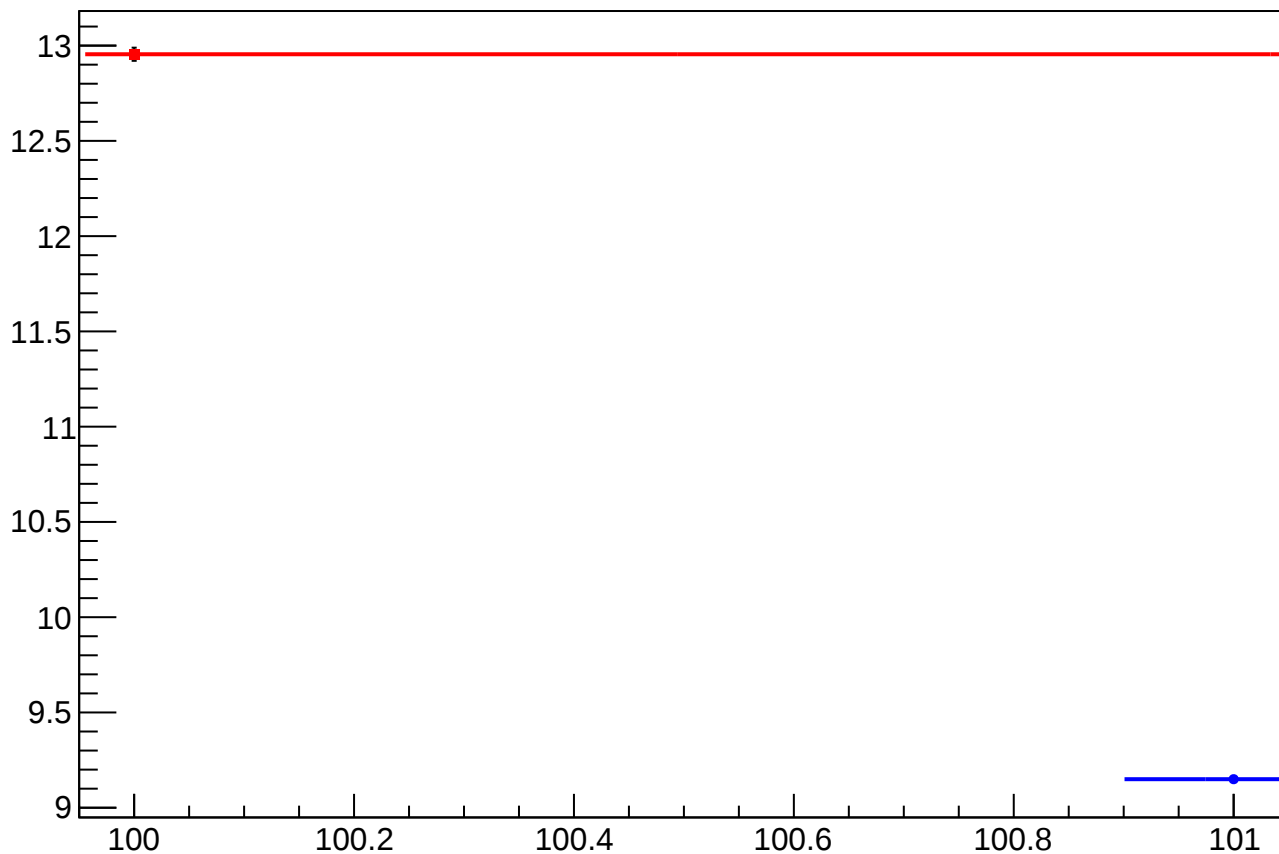
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-10.426+/-11.928 χ^2 /NDF: 0.0/0

-12.575+/-11.587 χ^2 /NDF: 0.6/1

-48.596+/-48.827 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 9.150+/-0.008 χ^2/NDF : 0.0/0

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

Right Out: 12.955+/-0.035 χ^2/NDF : 0.0/0

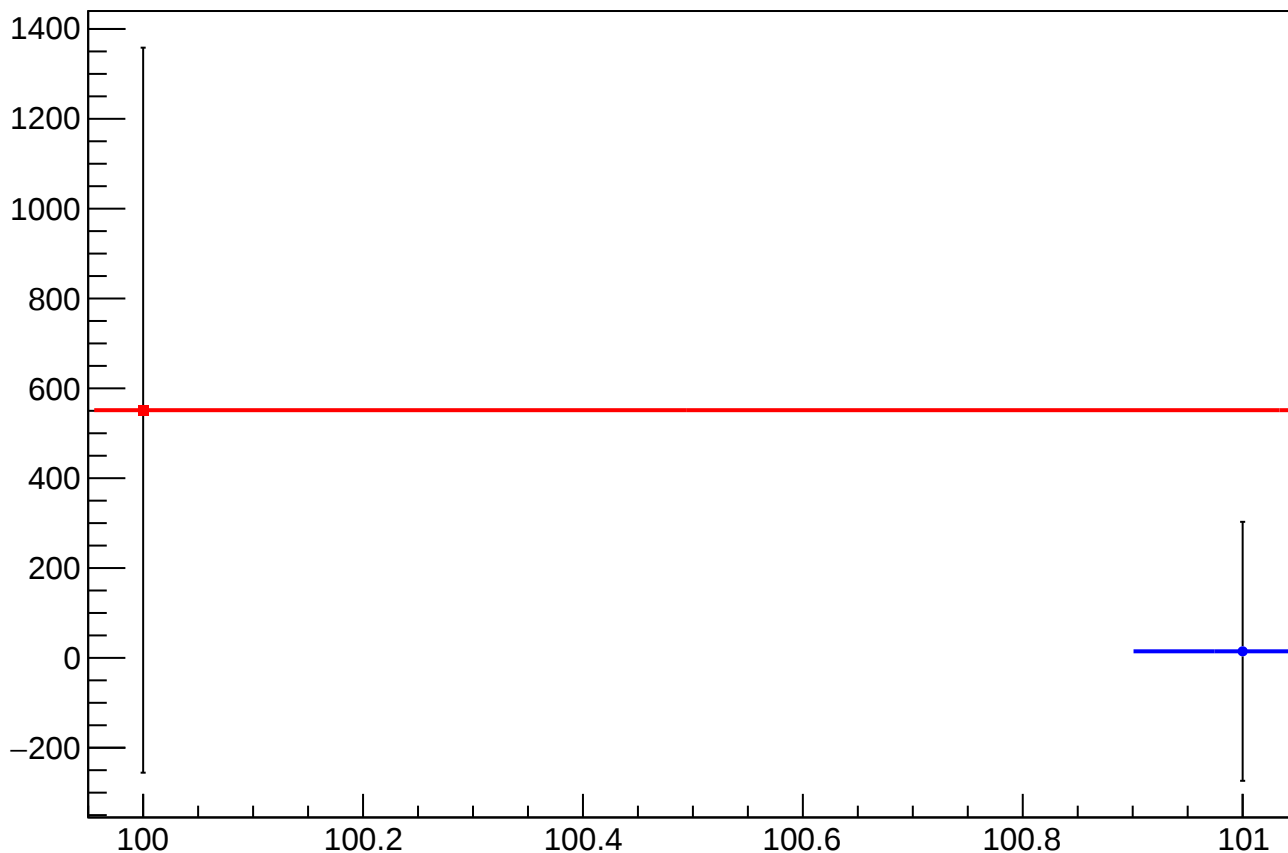
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

9.150+/-0.008 χ^2/NDF : 0.0/0

9.364+/-0.008 χ^2/NDF : 11461.0/1

12.955+/-0.035 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 14.631+/-288.243 χ^2/NDF : 0.0/0

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

Right Out: 551.409+/-806.965 χ^2/NDF : 0.0/0

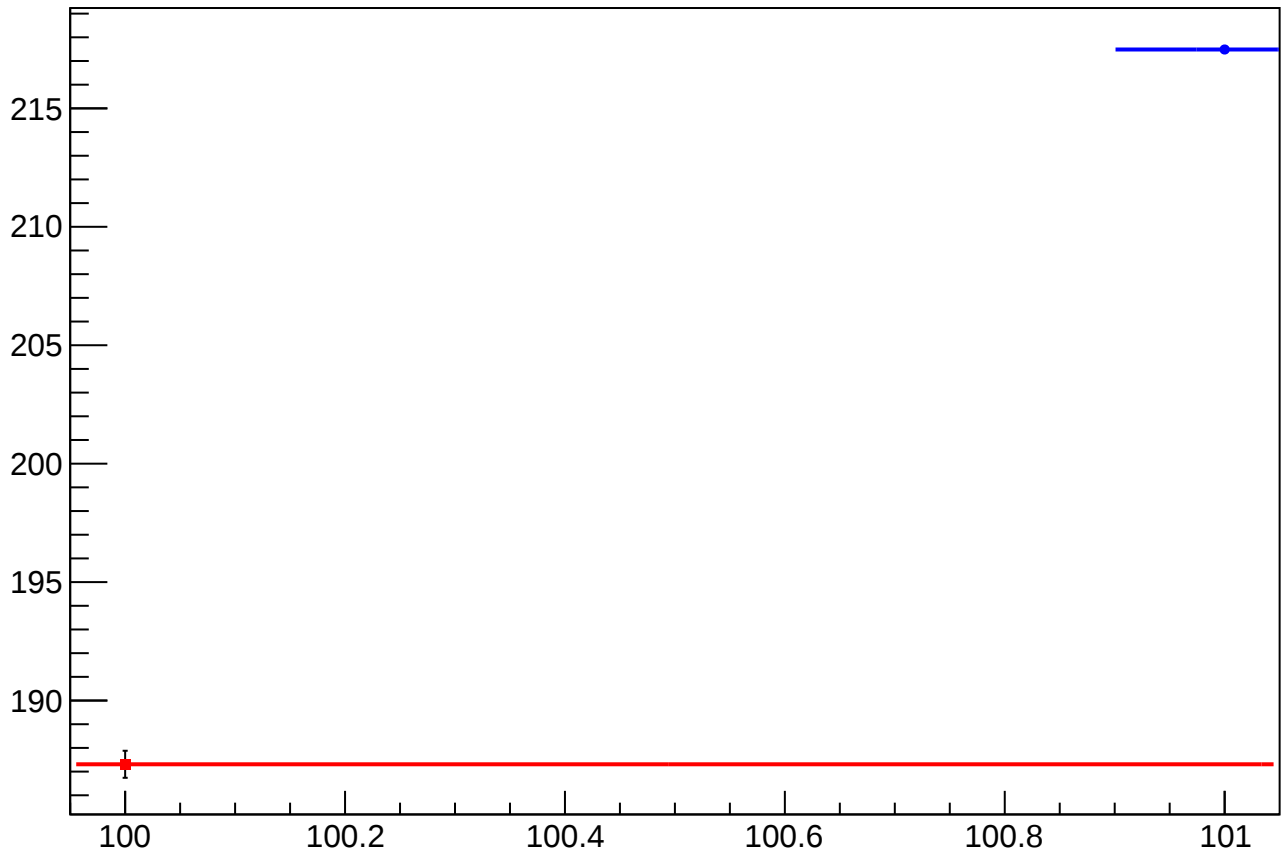
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

14.631+/-288.243 χ^2/NDF : 0.0/0

75.368+/-271.446 χ^2/NDF : 0.4/1

551.409+/-806.965 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 217.485 $\pm$ 0.204 χ^2 /NDF: 0.0/0

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

Right Out: 187.309 $\pm$ 0.571 χ^2 /NDF: 0.0/0

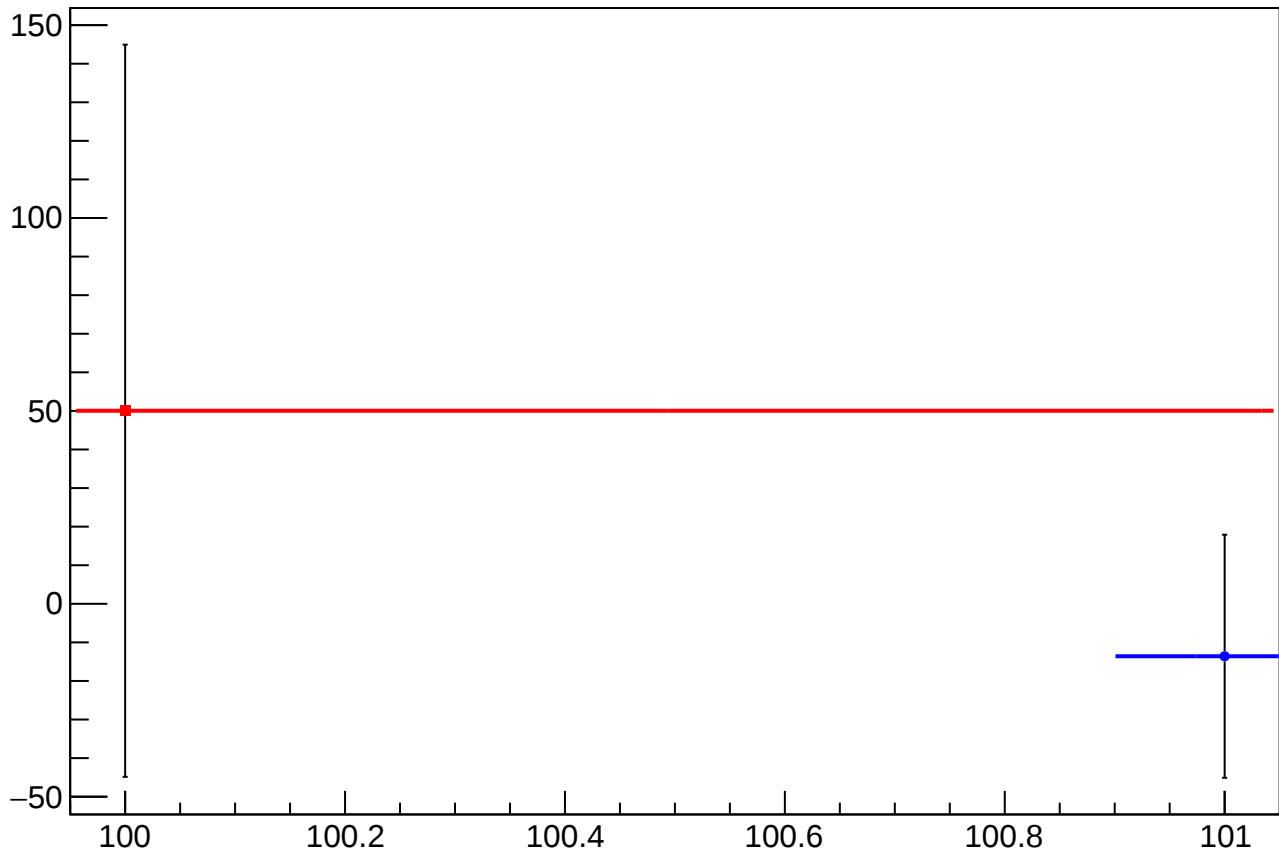
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

217.485 $\pm$ 0.204 χ^2 /NDF: 0.0/0

214.071 $\pm$ 0.192 χ^2 /NDF: 2480.3/1

187.309 $\pm$ 0.571 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -13.594+/-31.505 χ^2 /NDF: 0.0/0

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

Right Out: 50.042+/-94.891 χ^2 /NDF: 0.0/0

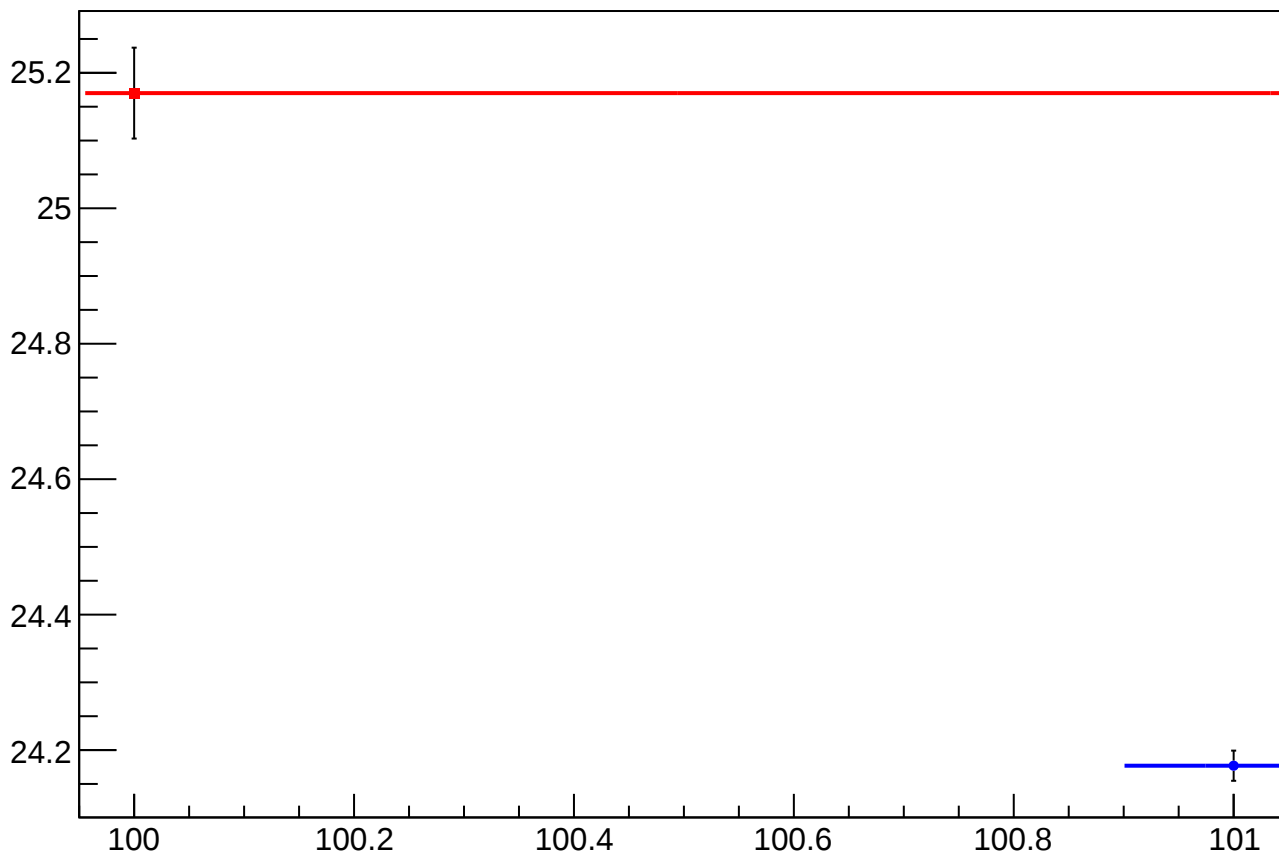
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-13.594+/-31.505 χ^2 /NDF: 0.0/0

-7.276+/-29.900 χ^2 /NDF: 0.4/1

50.042+/-94.891 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 24.177+/-0.022 χ^2 /NDF: 0.0/0

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

Right Out: 25.170+/-0.067 χ^2 /NDF: 0.0/0

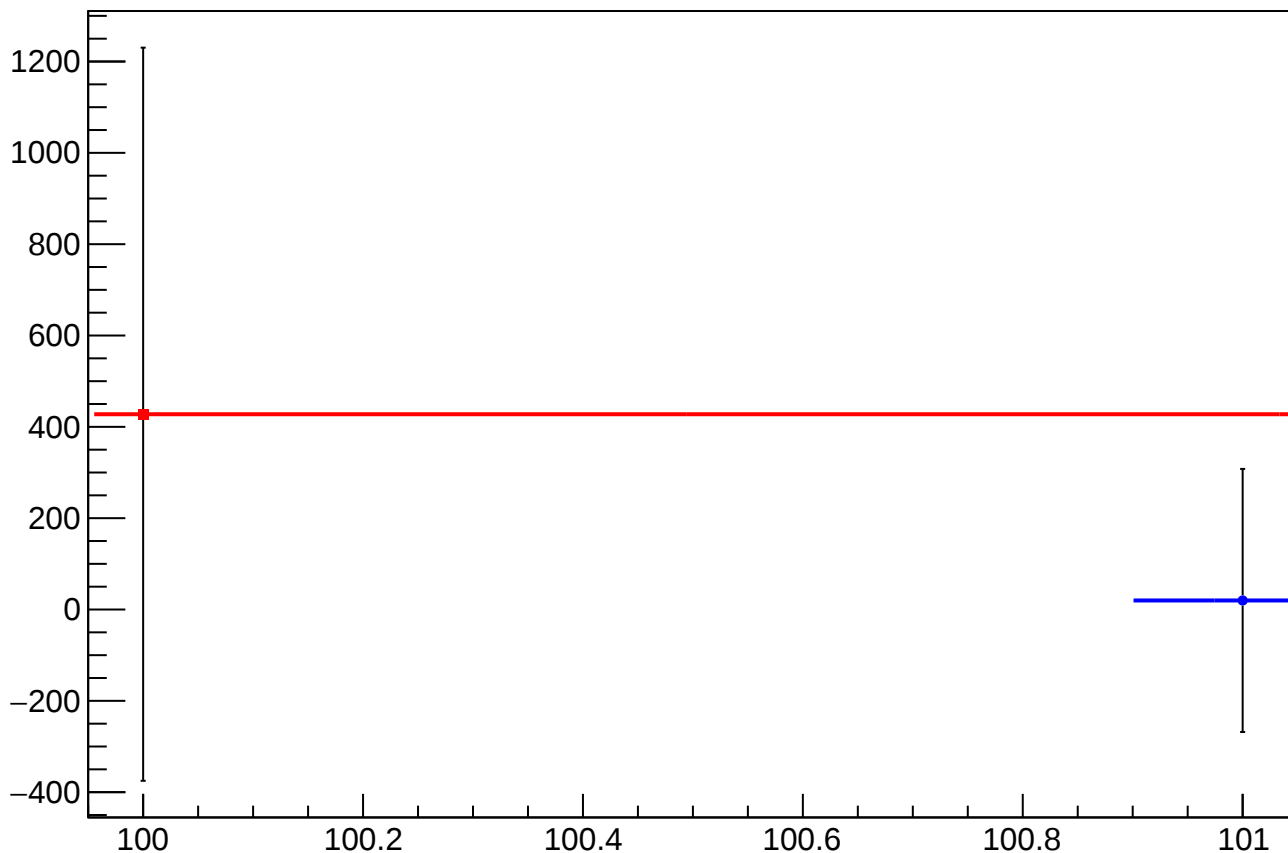
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

24.177+/-0.022 χ^2 /NDF: 0.0/0

24.276+/-0.021 χ^2 /NDF: 197.3/1

25.170+/-0.067 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: 19.799+/-288.112 χ^2/NDF : 0.0/0

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

Right Out: 427.621+/-802.713 χ^2/NDF : 0.0/0

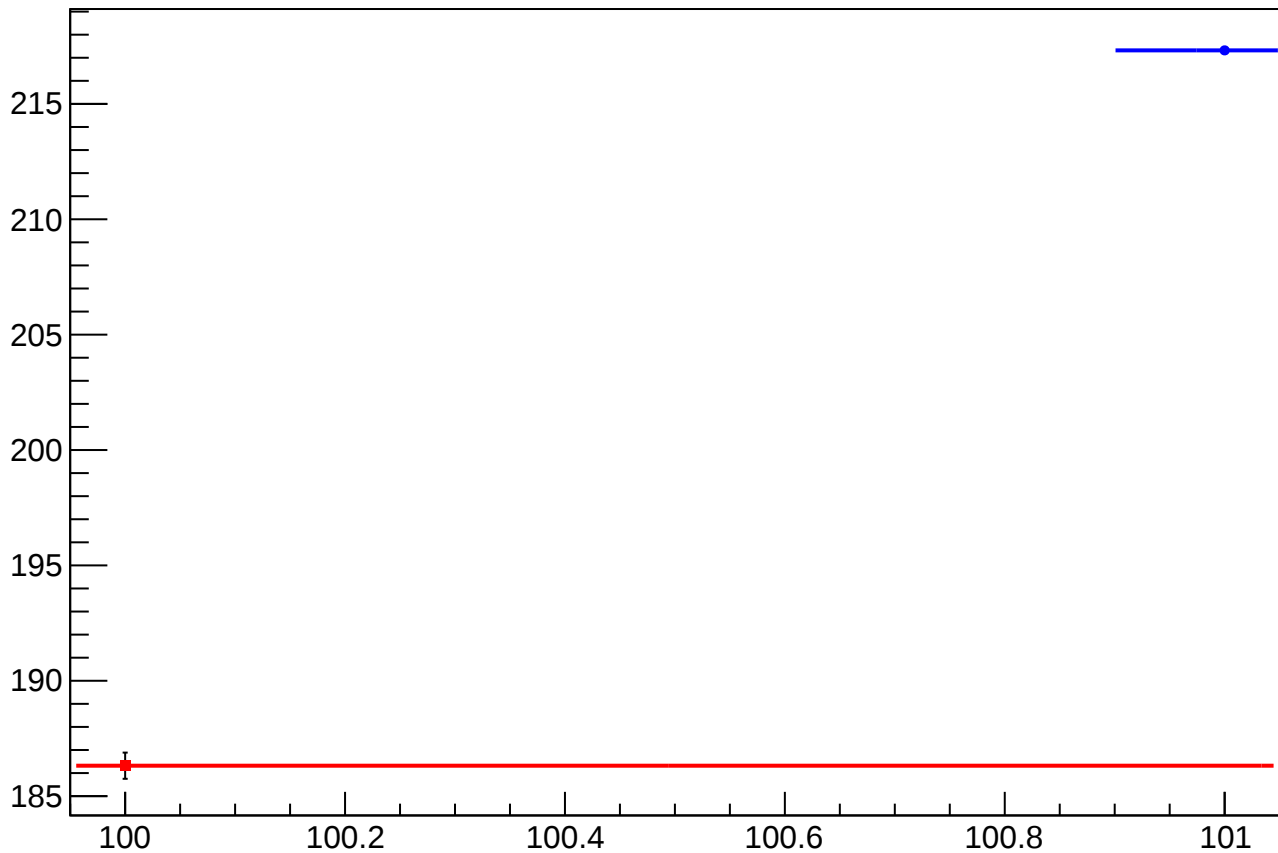
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

19.799+/-288.112 χ^2/NDF : 0.0/0

66.341+/-271.174 χ^2/NDF : 0.2/1

427.621+/-802.713 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 217.320 $\pm$ 0.204 χ^2/NDF : 0.0/0

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

Right Out: 186.319 $\pm$ 0.568 χ^2/NDF : 0.0/0

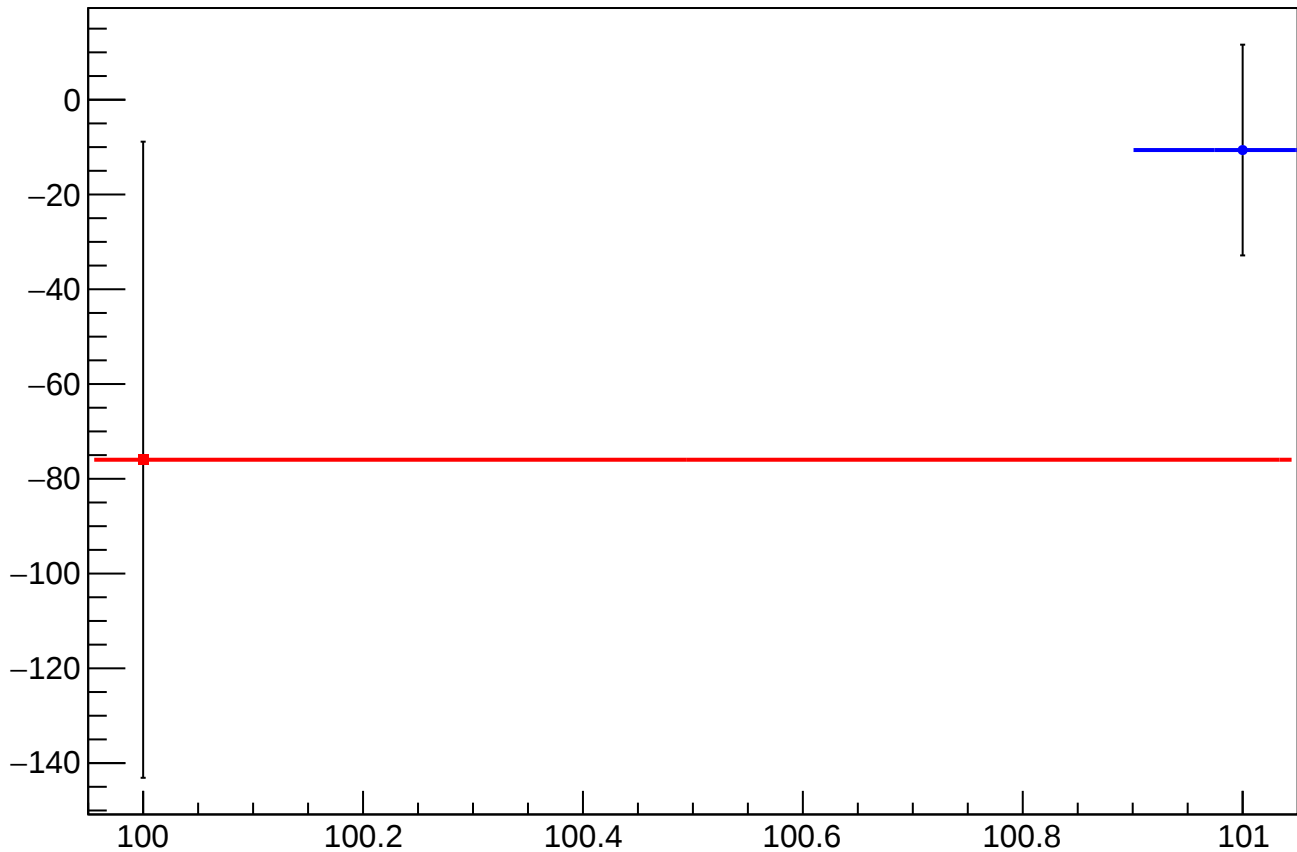
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

217.320 $\pm$ 0.204 χ^2/NDF : 0.0/0

213.782 $\pm$ 0.192 χ^2/NDF : 2642.6/1

186.319 $\pm$ 0.568 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -10.619+/-22.238 χ^2 /NDF: 0.0/0

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

Right Out: -75.977+/-67.124 χ^2 /NDF: 0.0/0

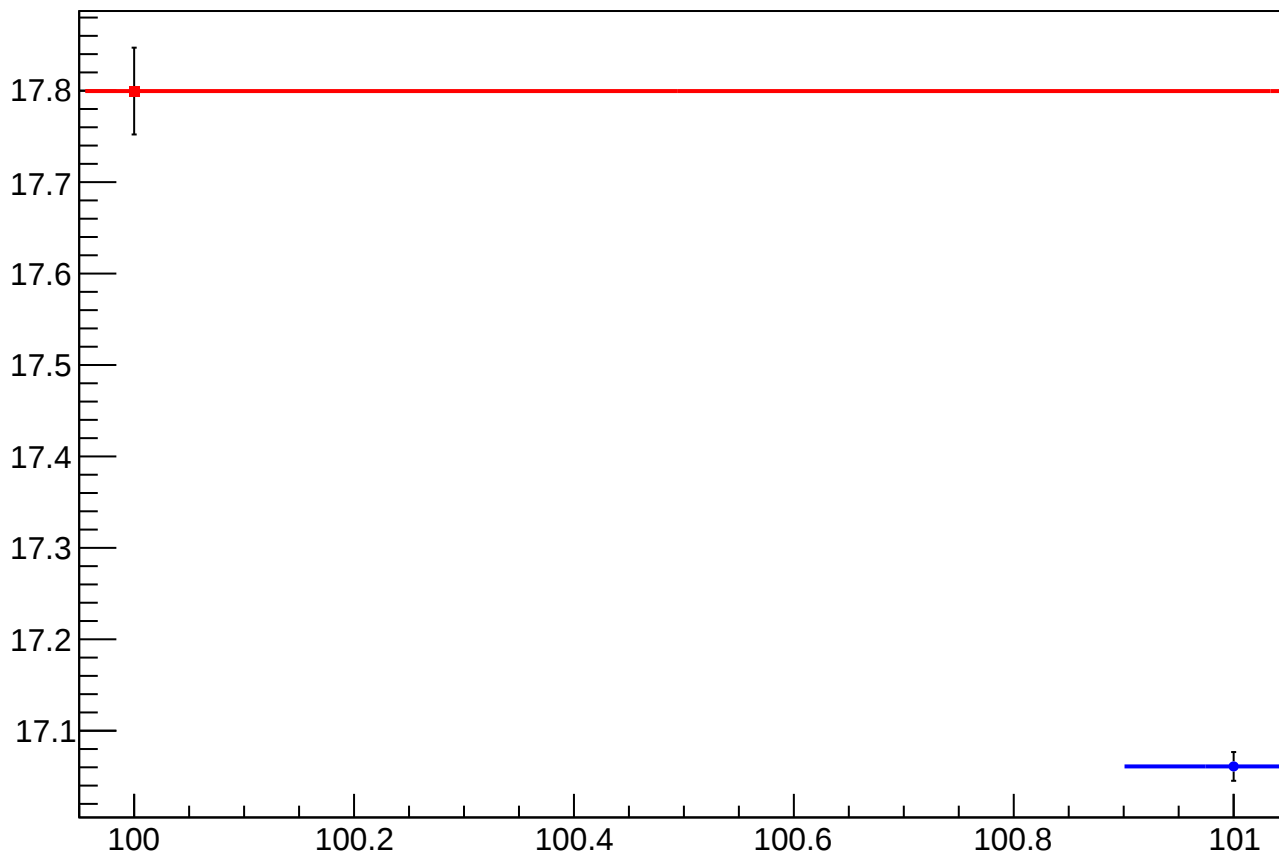
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-10.619+/-22.238 χ^2 /NDF: 0.0/0

-17.083+/-21.110 χ^2 /NDF: 0.9/1

-75.977+/-67.124 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.061 $\pm$ 0.016 χ^2 /NDF: 0.0/0

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

Right Out: 17.800 $\pm$ 0.047 χ^2 /NDF: 0.0/0

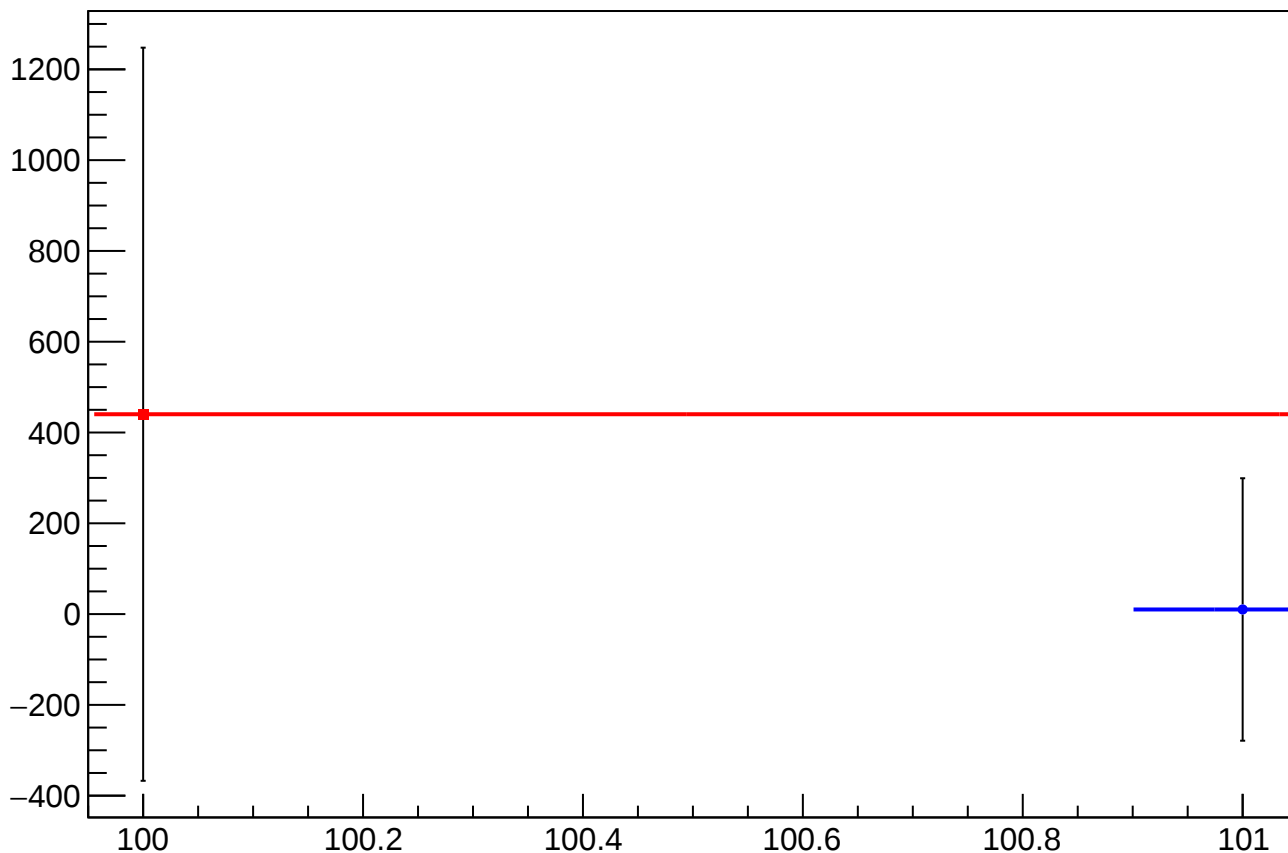
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

17.061 $\pm$ 0.016 χ^2 /NDF: 0.0/0

17.134 $\pm$ 0.015 χ^2 /NDF: 218.2/1

17.800 $\pm$ 0.047 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 10.161+/-289.083 χ^2/NDF : 0.0/0

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

Right Out: 440.262+/-807.503 χ^2/NDF : 0.0/0

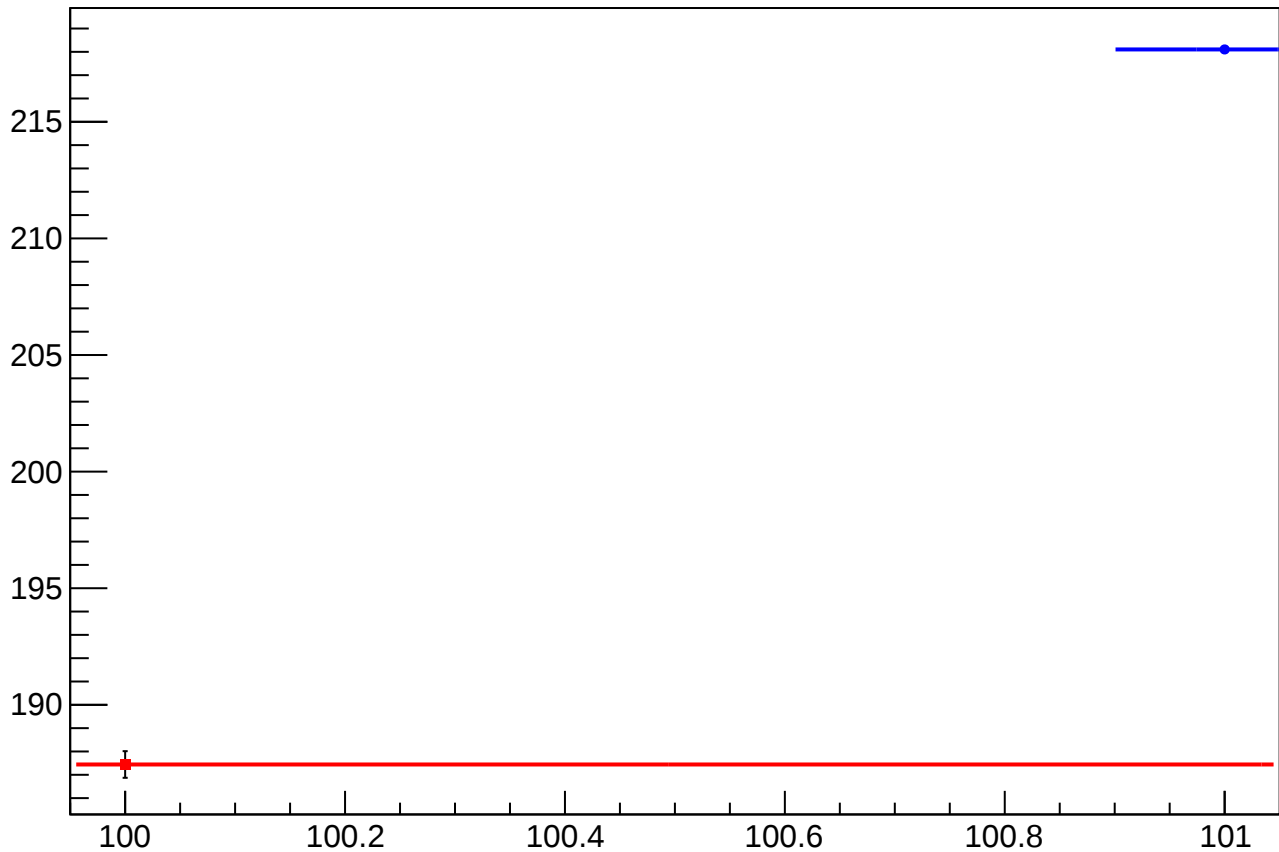
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

10.161+/-289.083 χ^2/NDF : 0.0/0

59.021+/-272.168 χ^2/NDF : 0.3/1

440.262+/-807.503 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 218.103 $\pm$ 0.204 χ^2 /NDF: 0.0/0

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

Right Out: 187.442 $\pm$ 0.571 χ^2 /NDF: 0.0/0

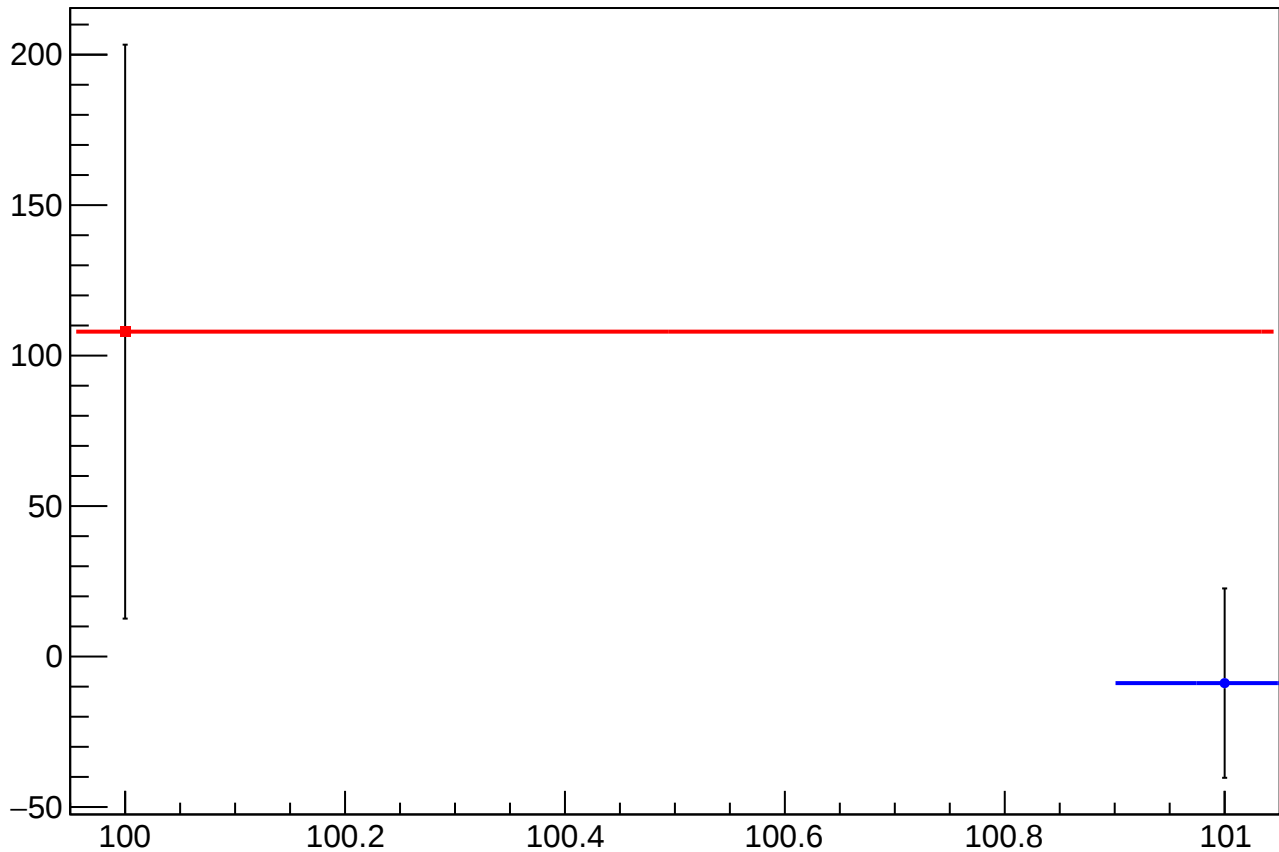
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

218.103 $\pm$ 0.204 χ^2 /NDF: 0.0/0

214.620 $\pm$ 0.192 χ^2 /NDF: 2555.8/1

187.442 $\pm$ 0.571 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -8.830+/-31.464 χ^2/NDF : 0.0/0

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

Right Out: 107.963+/-95.357 χ^2/NDF : 0.0/0

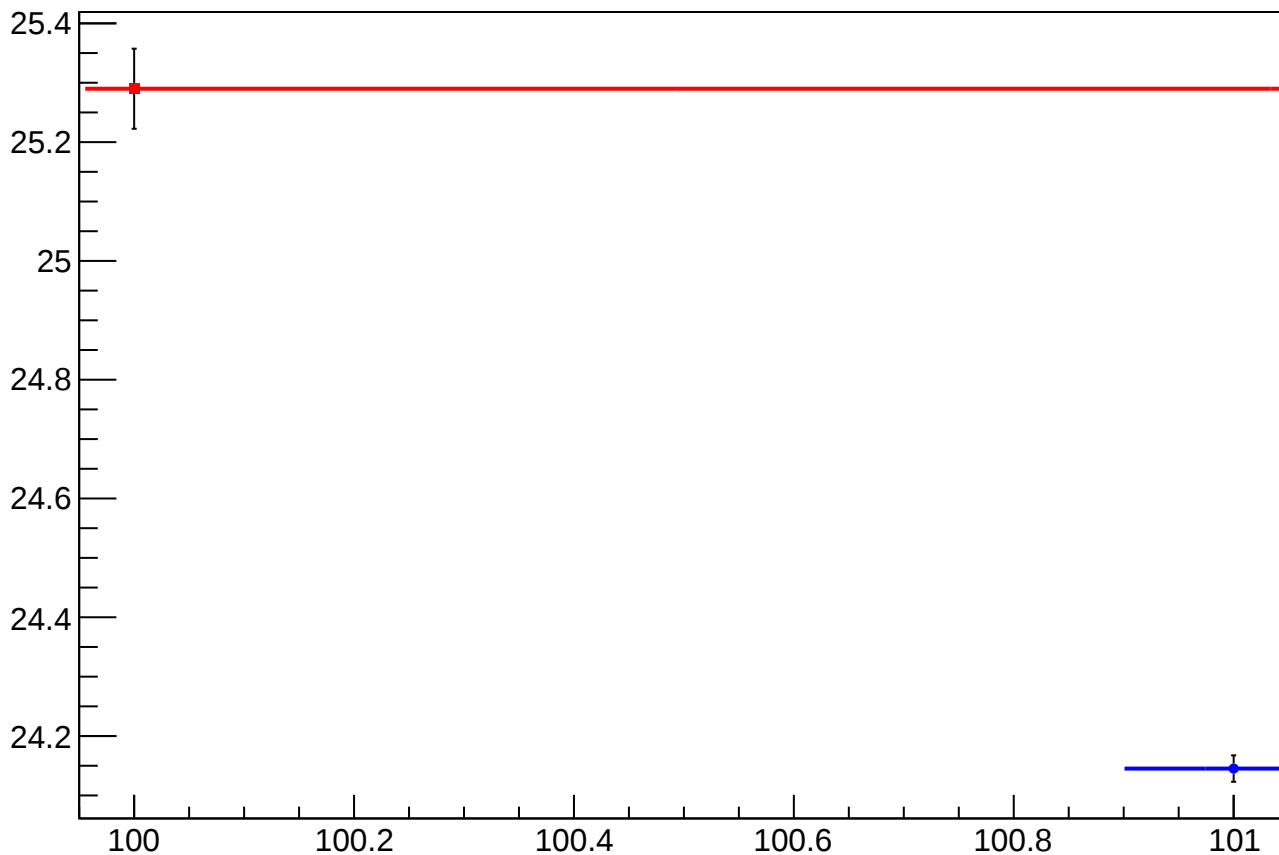
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-8.830+/-31.464 χ^2/NDF : 0.0/0

2.637+/-29.879 χ^2/NDF : 1.4/1

107.963+/-95.357 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 24.145 $\pm$ 0.022 χ^2 /NDF: 0.0/0

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

Right Out: 25.290 $\pm$ 0.067 χ^2 /NDF: 0.0/0

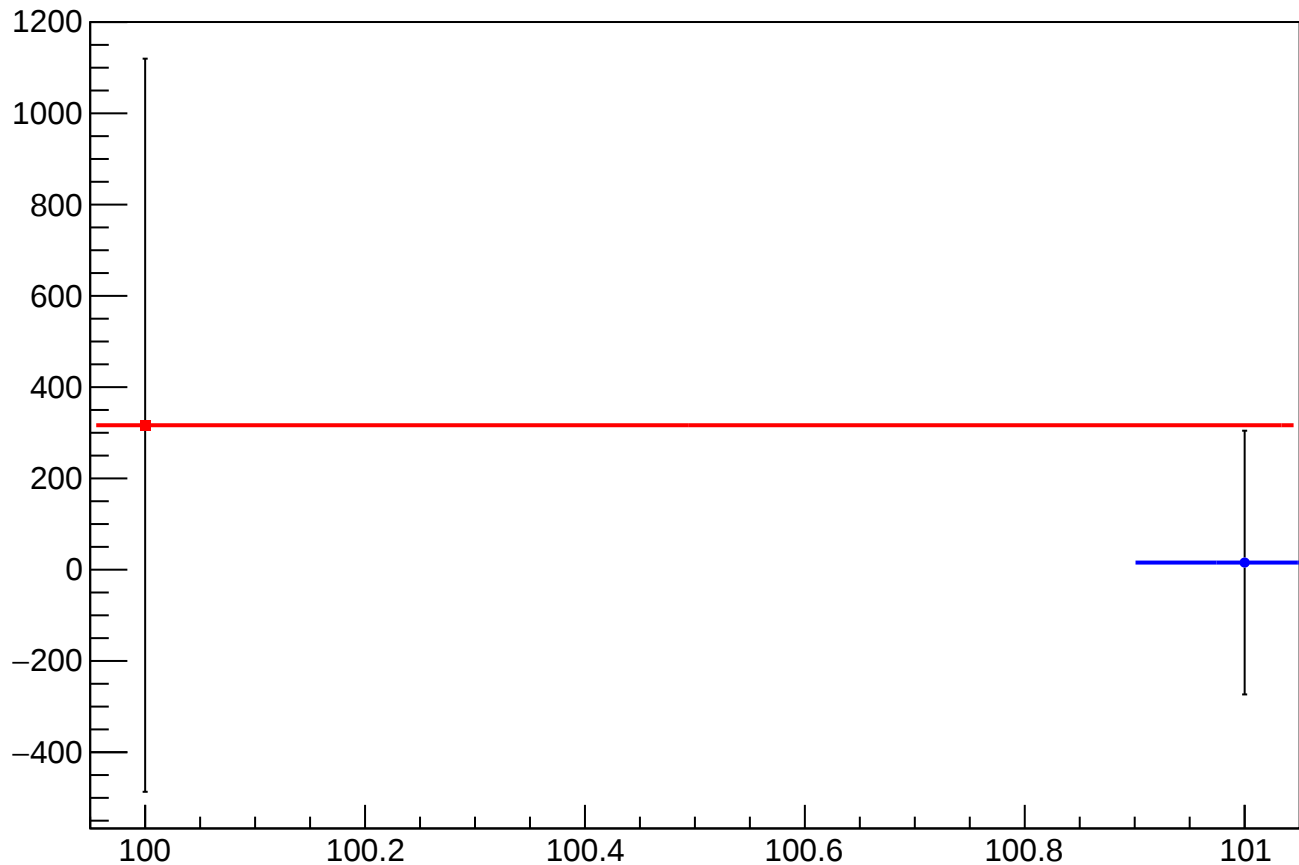
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

24.145 $\pm$ 0.022 χ^2 /NDF: 0.0/0

24.258 $\pm$ 0.021 χ^2 /NDF: 259.9/1

25.290 $\pm$ 0.067 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 15.599 $\pm$ 288.946 χ^2 /NDF: 0.0/0

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

Right Out: 316.537 $\pm$ 803.246 χ^2 /NDF: 0.0/0

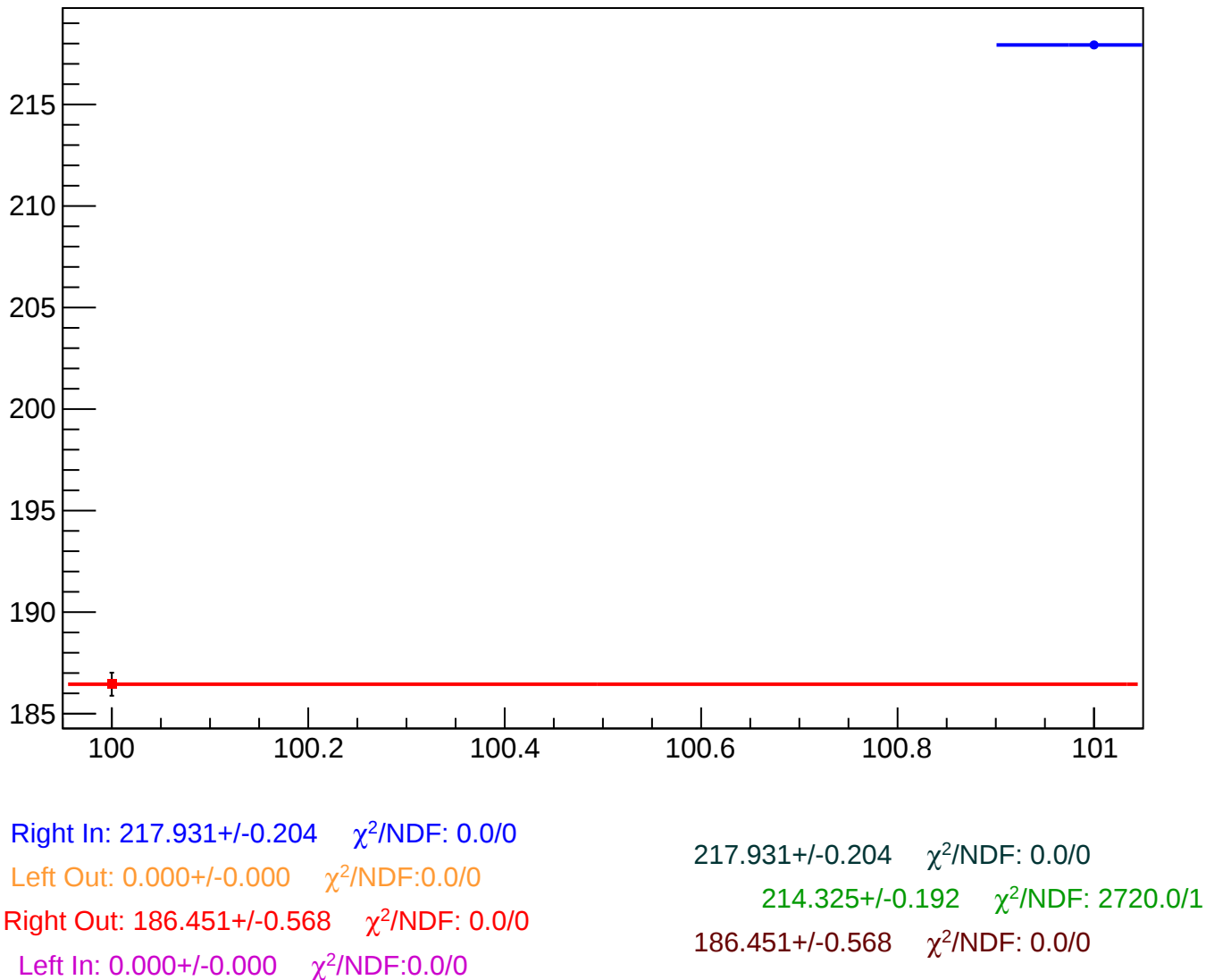
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

15.599 $\pm$ 288.946 χ^2 /NDF: 0.0/0

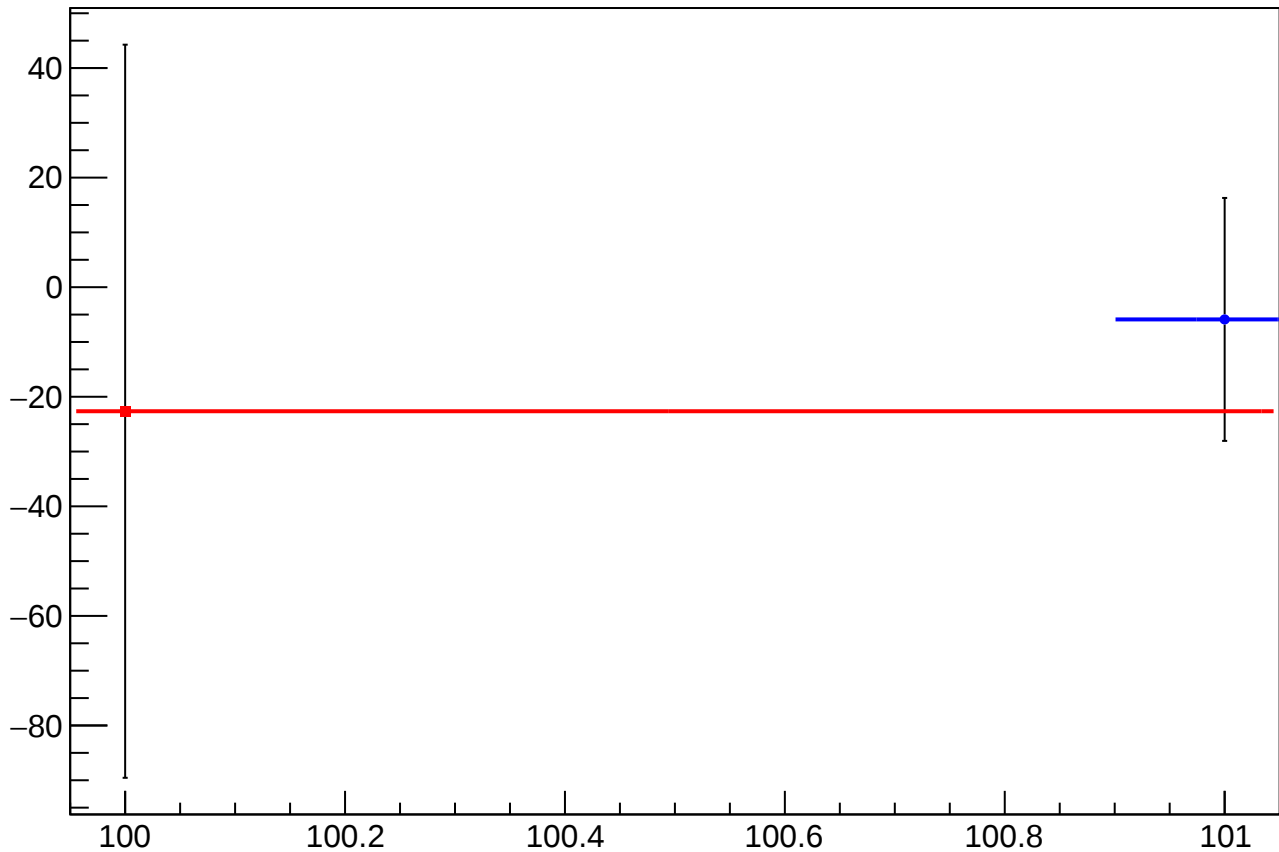
50.079 $\pm$ 271.889 χ^2 /NDF: 0.1/1

316.537 $\pm$ 803.246 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.883+/-22.172 χ^2/NDF : 0.0/0

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

Right Out: -22.642+/-66.909 χ^2/NDF : 0.0/0

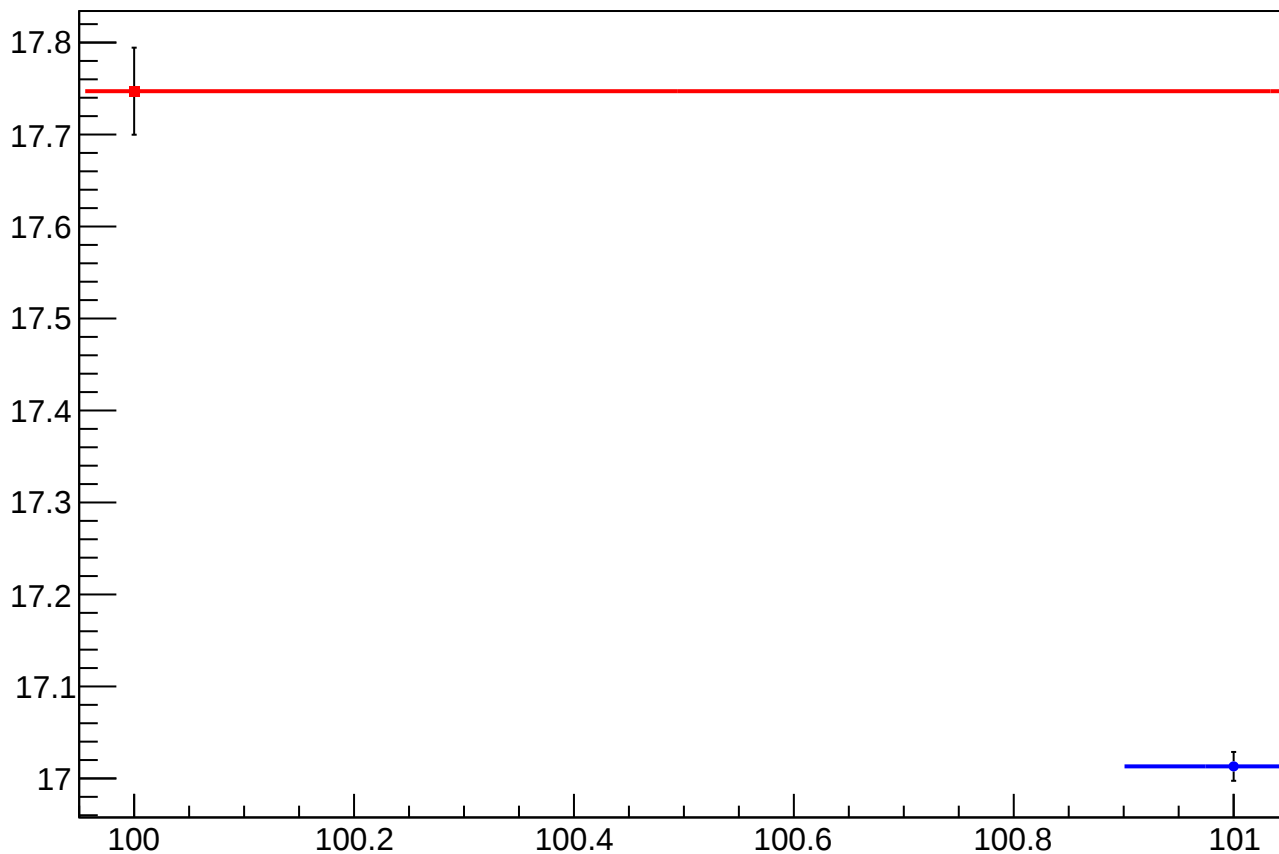
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-5.883+/-22.172 χ^2/NDF : 0.0/0

-7.541+/-21.047 χ^2/NDF : 0.1/1

-22.642+/-66.909 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.013 $\pm$ 0.016 χ^2/NDF : 0.0/0

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

Right Out: 17.747 $\pm$ 0.047 χ^2/NDF : 0.0/0

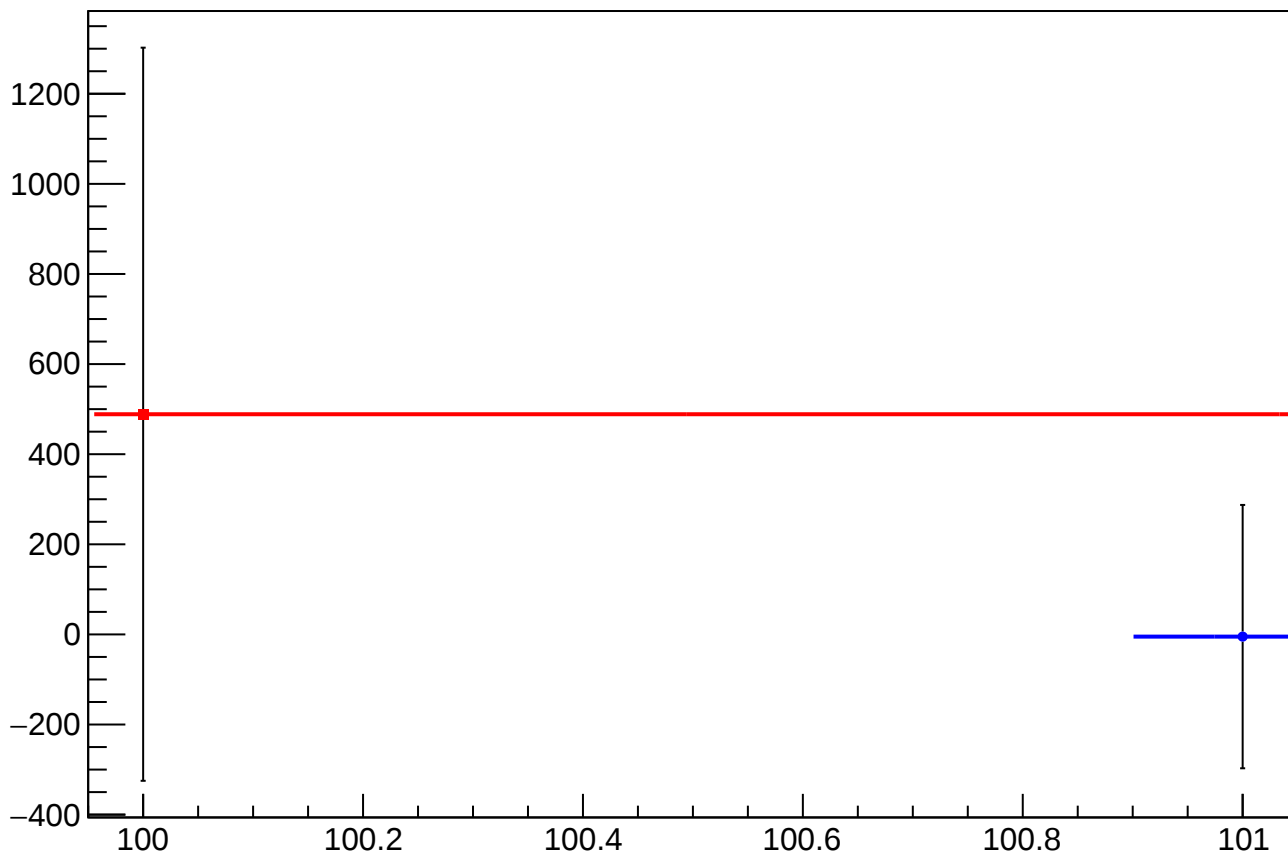
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.013 $\pm$ 0.016 χ^2/NDF : 0.0/0

17.086 $\pm$ 0.015 χ^2/NDF : 216.9/1

17.747 $\pm$ 0.047 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -4.880+/-292.262 χ^2/NDF : 0.0/0

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

Right Out: 488.701+/-813.603 χ^2/NDF : 0.0/0

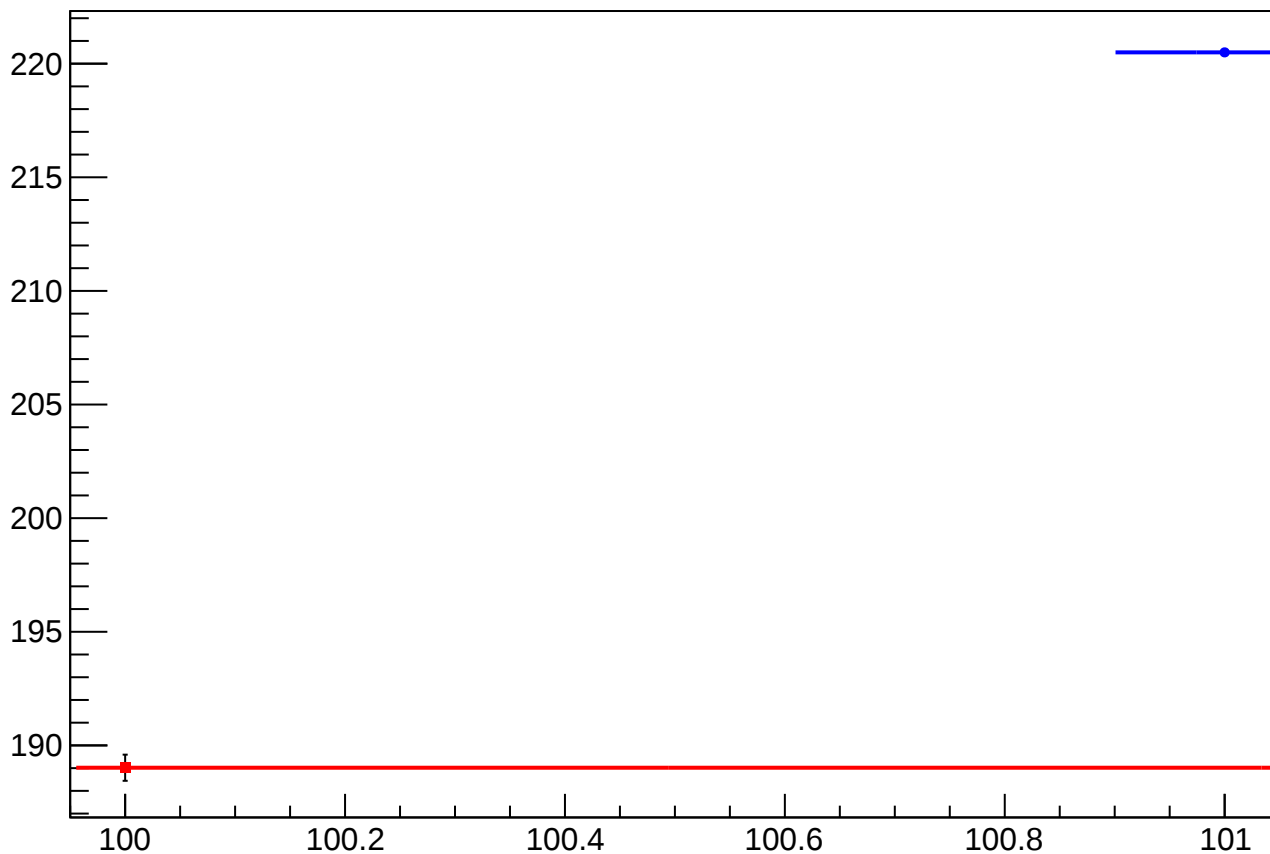
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.880+/-292.262 χ^2/NDF : 0.0/0

51.531+/-275.054 χ^2/NDF : 0.3/1

488.701+/-813.603 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 220.497 $\pm$ 0.207 χ^2 /NDF: 0.0/0

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

Right Out: 189.018 $\pm$ 0.575 χ^2 /NDF: 0.0/0

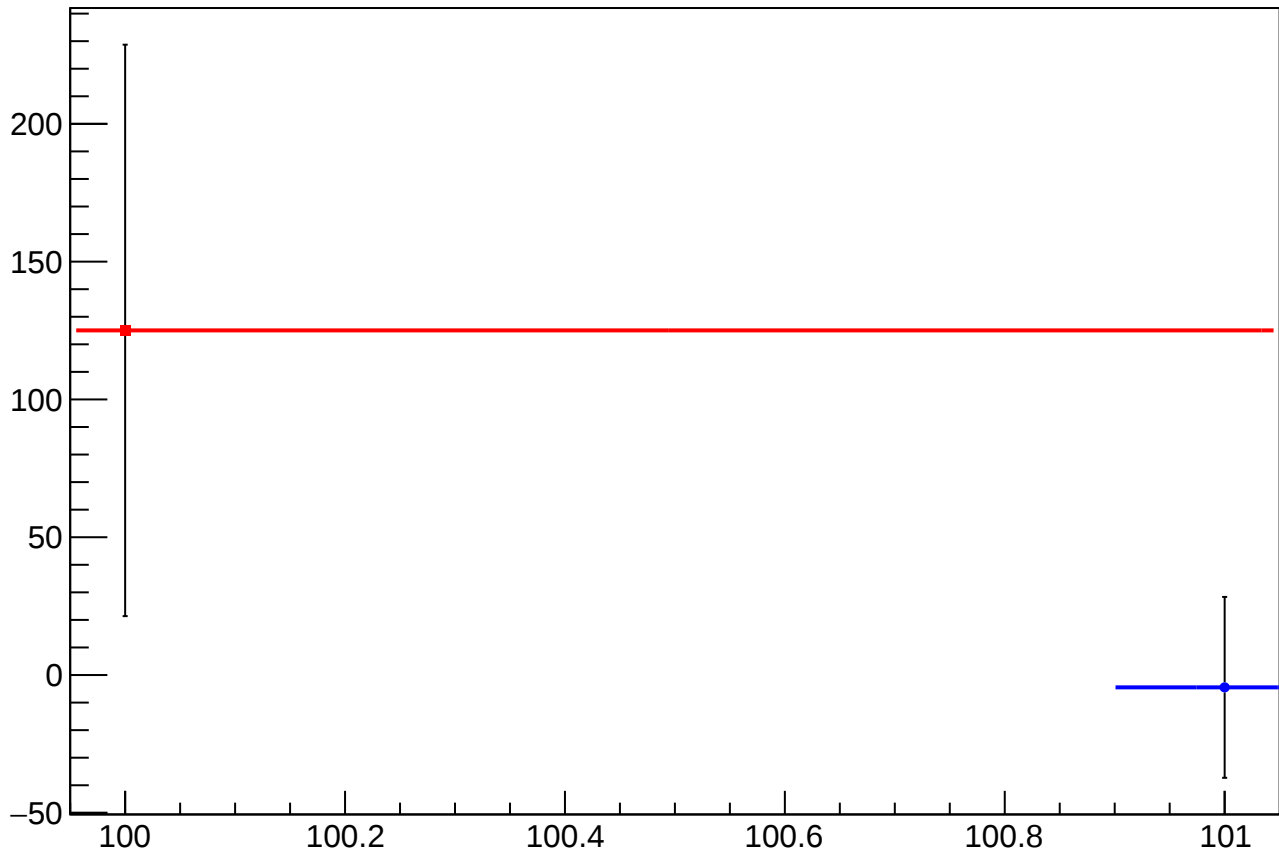
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

220.497 $\pm$ 0.207 χ^2 /NDF: 0.0/0

216.899 $\pm$ 0.194 χ^2 /NDF: 2651.8/1

189.018 $\pm$ 0.575 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.475+/-32.816 χ^2/NDF : 0.0/0

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

Right Out: 125.052+/-103.677 χ^2/NDF : 0.0/0

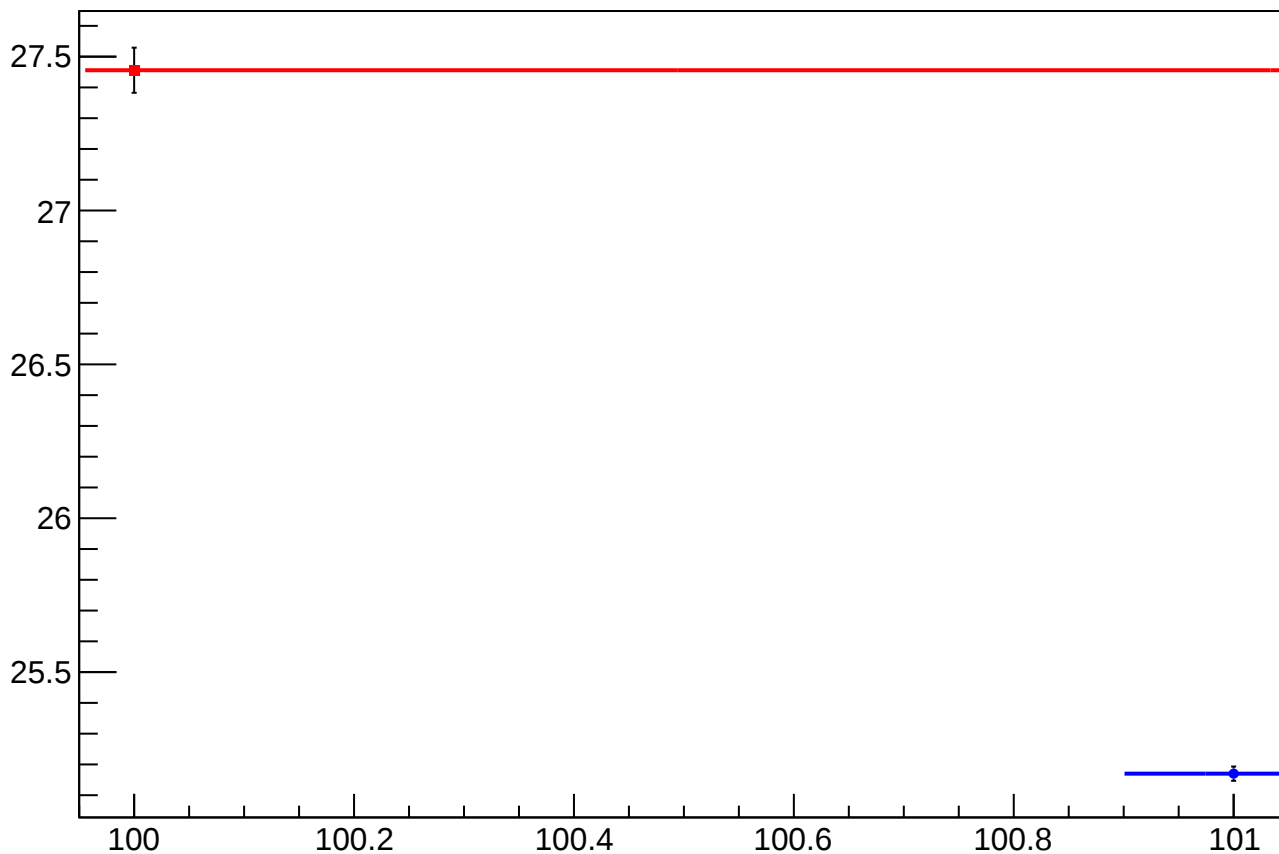
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-4.475+/-32.816 χ^2/NDF : 0.0/0

7.321+/-31.286 χ^2/NDF : 1.4/1

125.052+/-103.677 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.170 $\pm$ 0.023 χ^2 /NDF: 0.0/0

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

Right Out: 27.456 $\pm$ 0.073 χ^2 /NDF: 0.0/0

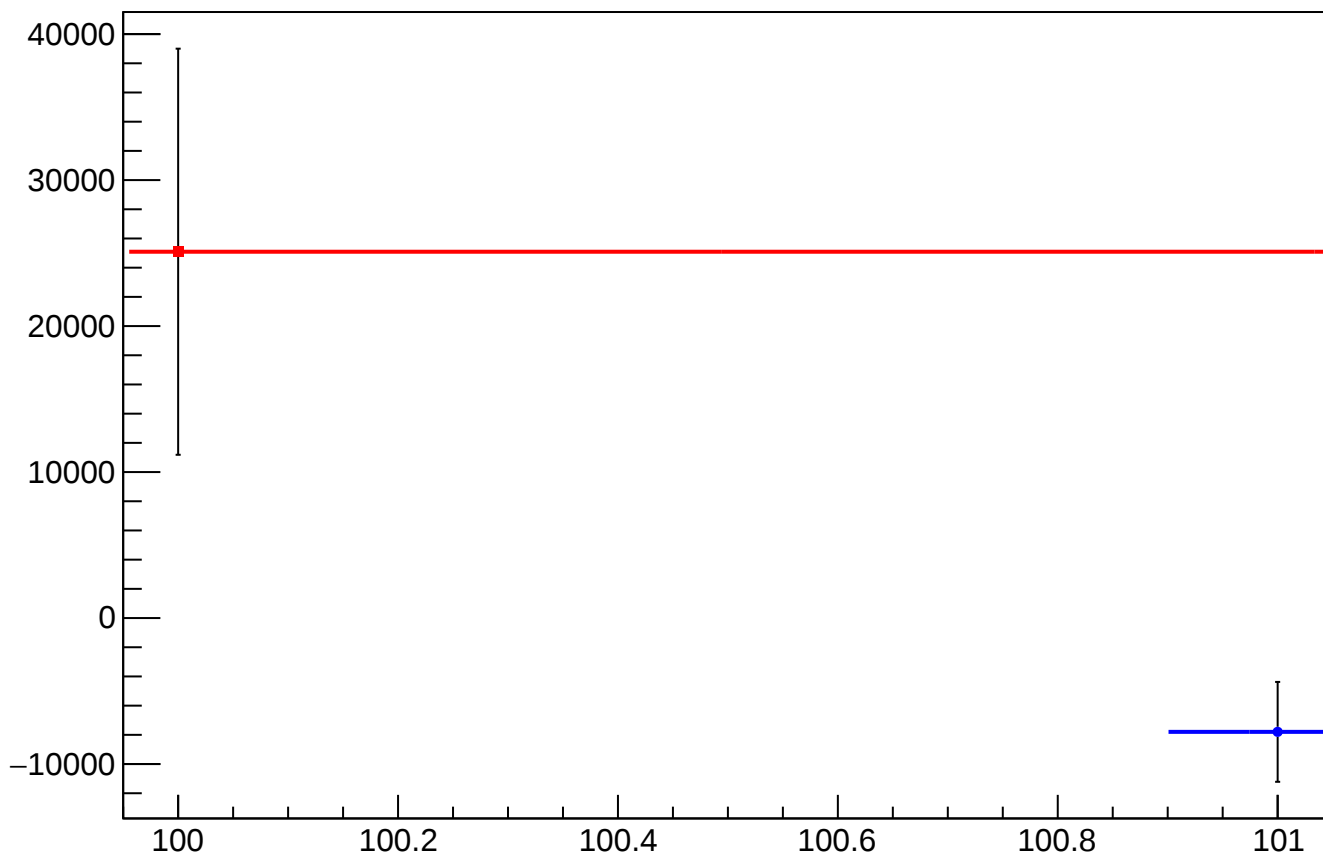
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

25.170 $\pm$ 0.023 χ^2 /NDF: 0.0/0

25.378 $\pm$ 0.022 χ^2 /NDF: 883.7/1

27.456 $\pm$ 0.073 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -7795.865+/-3420.617 χ^2/NDF : 0.0/0

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

Right Out: 25092.780+/-13909.169 χ^2/NDF : 0.0/0

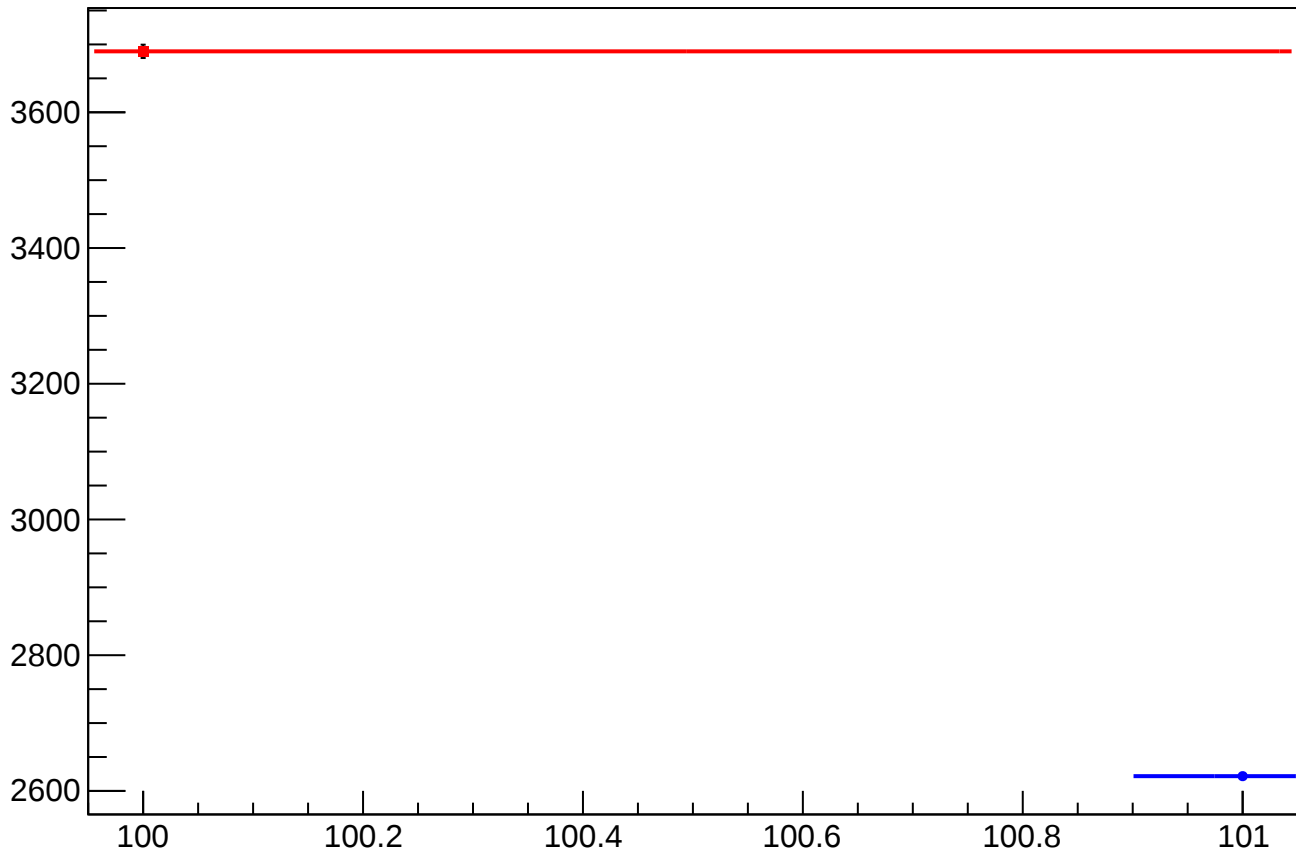
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7795.865+/-3420.617 χ^2/NDF : 0.0/0

-5920.222+/-3321.646 χ^2/NDF : 5.3/1

25092.780+/-13909.169 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2621.771 $\pm$ 2.419 χ^2/NDF : 0.0/0

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

Right Out: 3689.805 $\pm$ 9.835 χ^2/NDF : 0.0/0

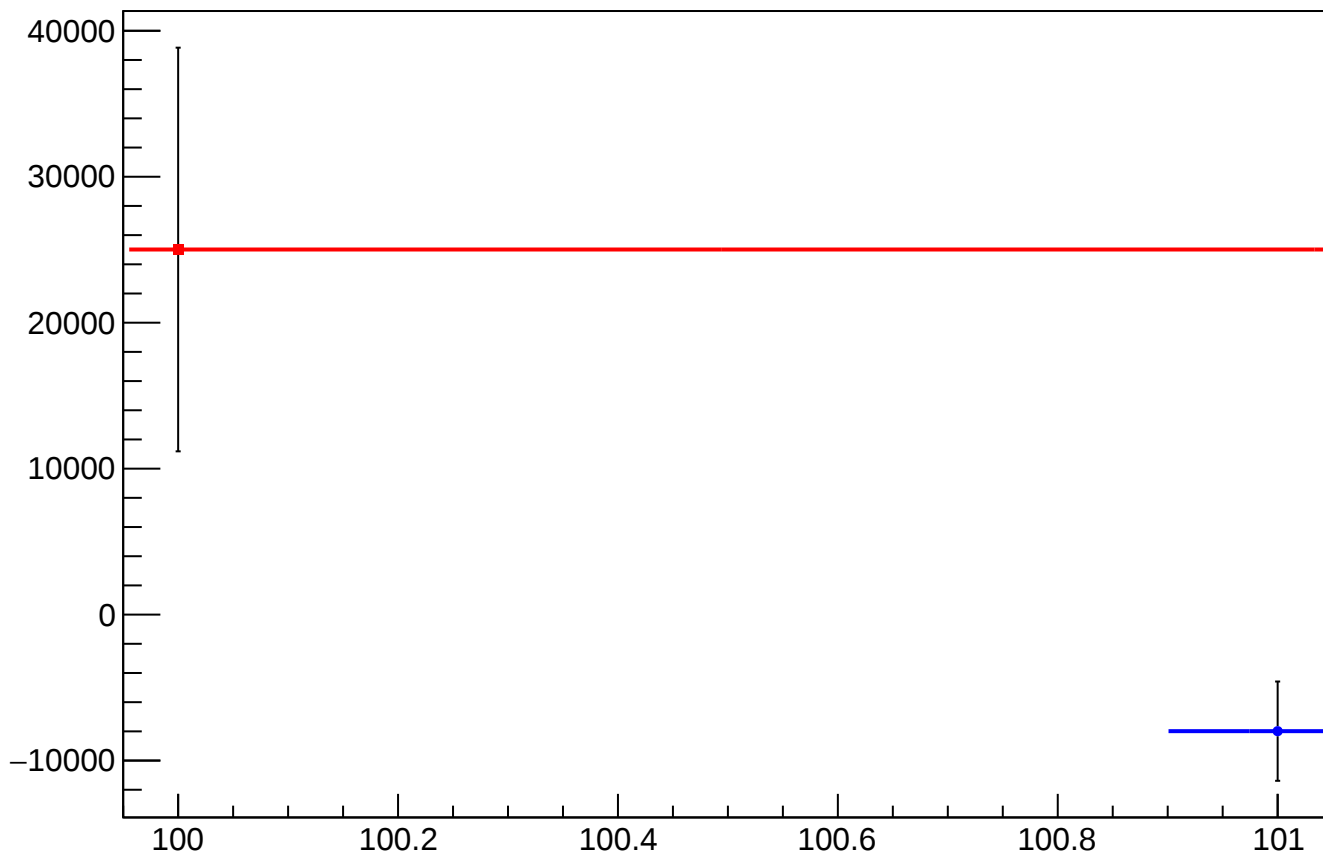
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2621.771 $\pm$ 2.419 χ^2/NDF : 0.0/0

2682.681 $\pm$ 2.349 χ^2/NDF : 11119.8/1

3689.805 $\pm$ 9.835 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -7985.398 $\pm$ 3401.163 χ^2 /NDF: 0.0/0

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

Right Out: 25014.575 $\pm$ 13828.666 χ^2 /NDF: 0.0/0

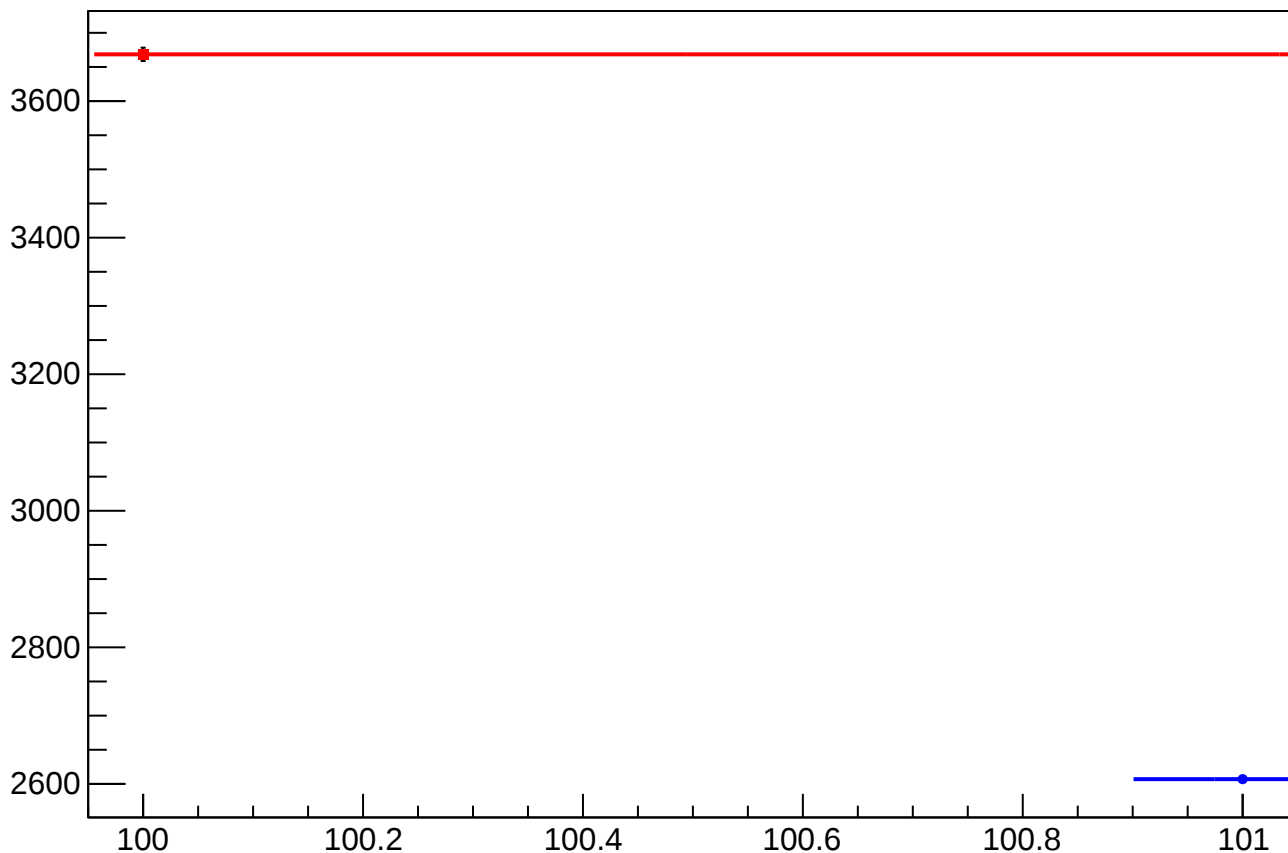
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-7985.398 $\pm$ 3401.163 χ^2 /NDF: 0.0/0

-6103.047 $\pm$ 3302.736 χ^2 /NDF: 5.4/1

25014.575 $\pm$ 13828.666 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2606.951 $\pm$ 2.405 χ^2/NDF : 0.0/0

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

Right Out: 3668.476 $\pm$ 9.778 χ^2/NDF : 0.0/0

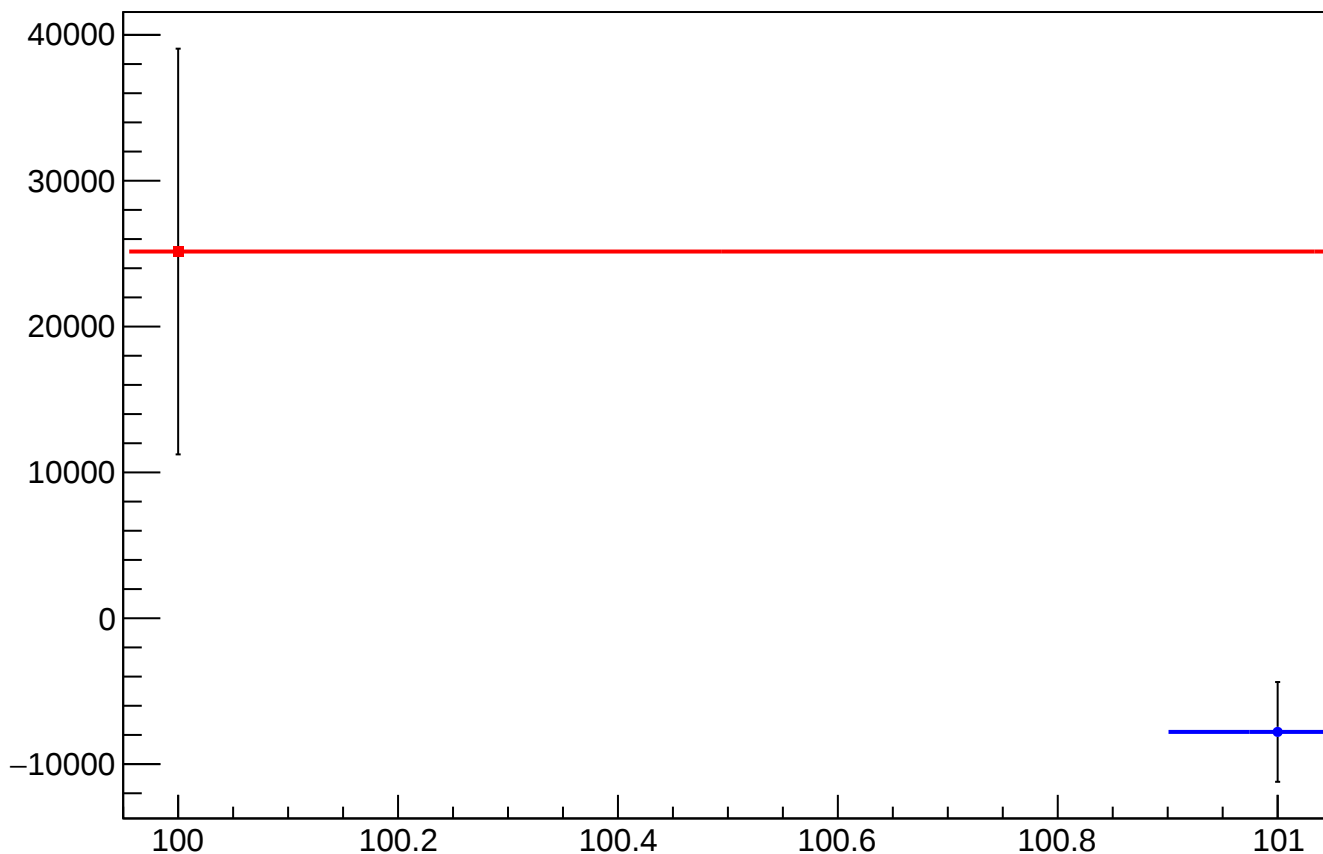
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2606.951 $\pm$ 2.405 χ^2/NDF : 0.0/0

2667.502 $\pm$ 2.335 χ^2/NDF : 11112.8/1

3668.476 $\pm$ 9.778 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -7792.908+/-3420.635 χ^2/NDF : 0.0/0

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

Right Out: 25145.387+/-13909.513 χ^2/NDF : 0.0/0

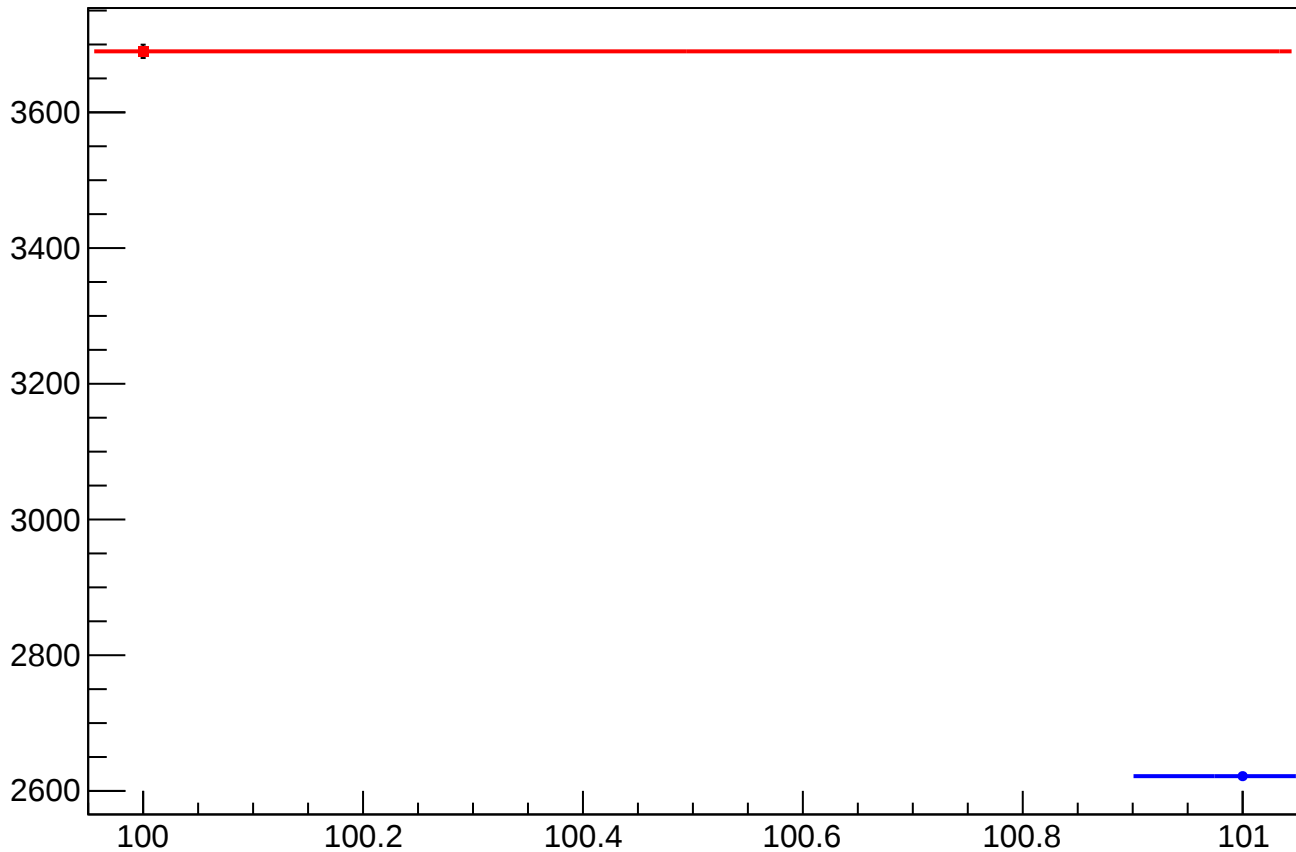
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7792.908+/-3420.635 χ^2/NDF : 0.0/0

-5914.501+/-3321.667 χ^2/NDF : 5.3/1

25145.387+/-13909.513 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2621.786 $\pm$ 2.419 χ^2 /NDF: 0.0/0

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

Right Out: 3689.895 $\pm$ 9.836 χ^2 /NDF: 0.0/0

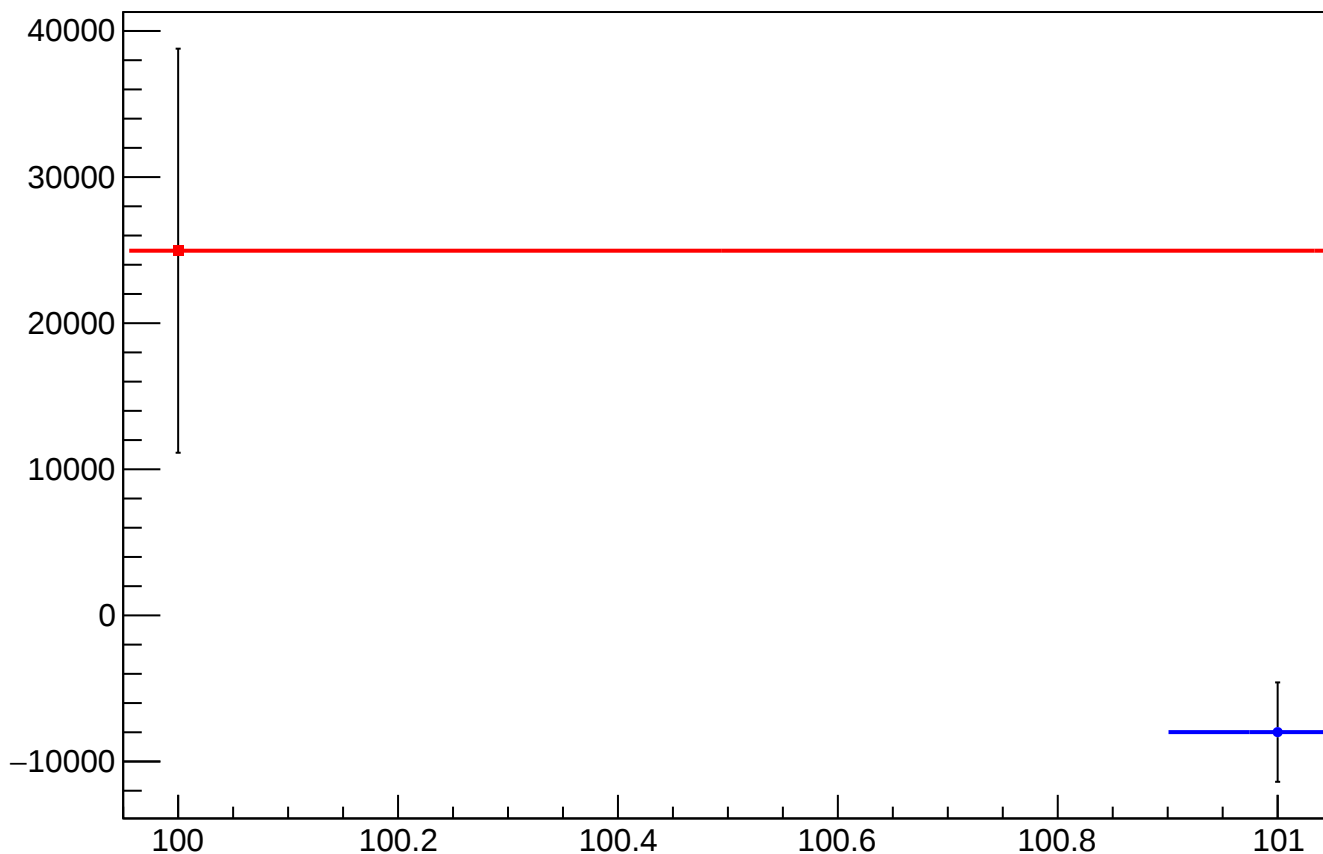
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2621.786 $\pm$ 2.419 χ^2 /NDF: 0.0/0

2682.698 $\pm$ 2.349 χ^2 /NDF: 11120.8/1

3689.895 $\pm$ 9.836 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7988.273+/-3401.039 χ^2/NDF : 0.0/0

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

Right Out: 24961.163+/-13828.271 χ^2/NDF : 0.0/0

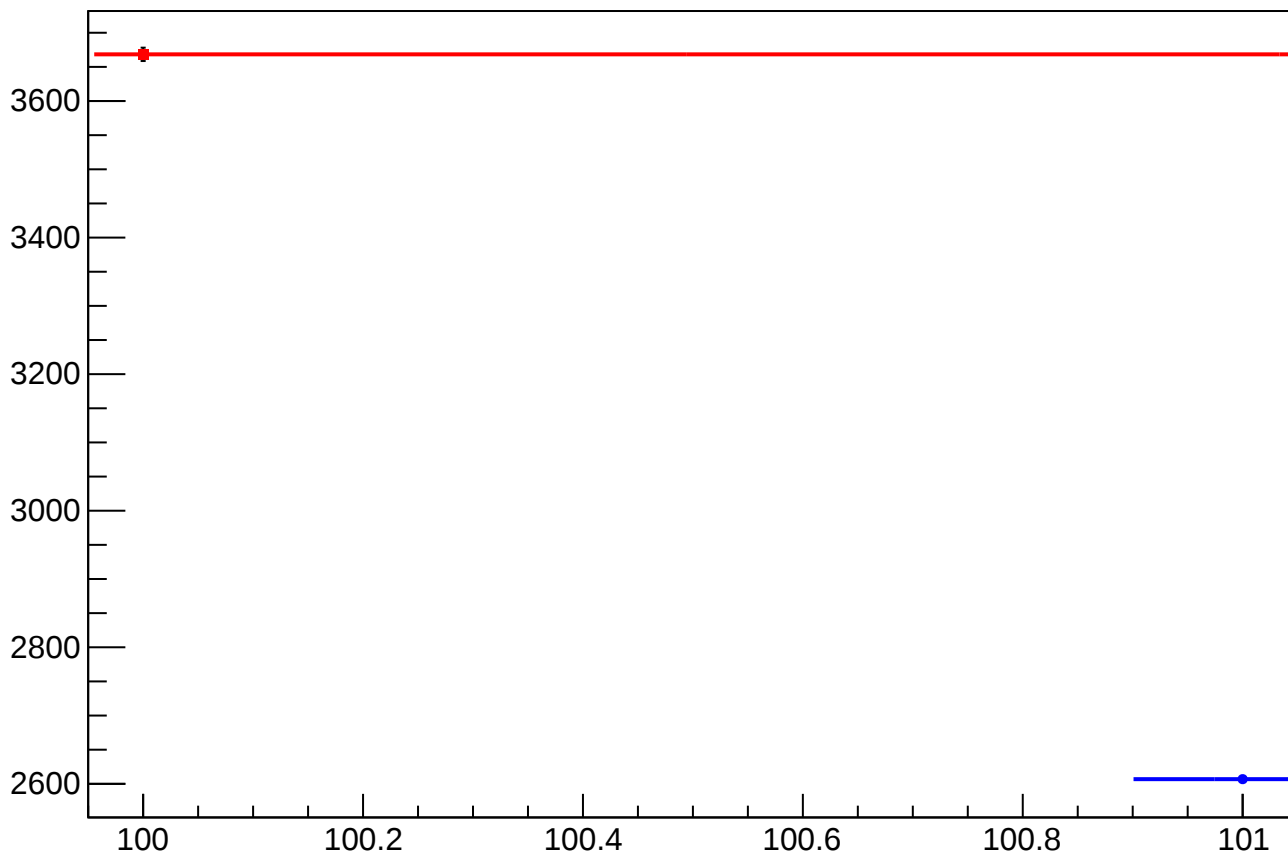
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7988.273+/-3401.039 χ^2/NDF : 0.0/0

-6108.832+/-3302.617 χ^2/NDF : 5.4/1

24961.163+/-13828.271 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2606.856 $\pm$ 2.405 χ^2/NDF : 0.0/0

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

Right Out: 3668.372 $\pm$ 9.778 χ^2/NDF : 0.0/0

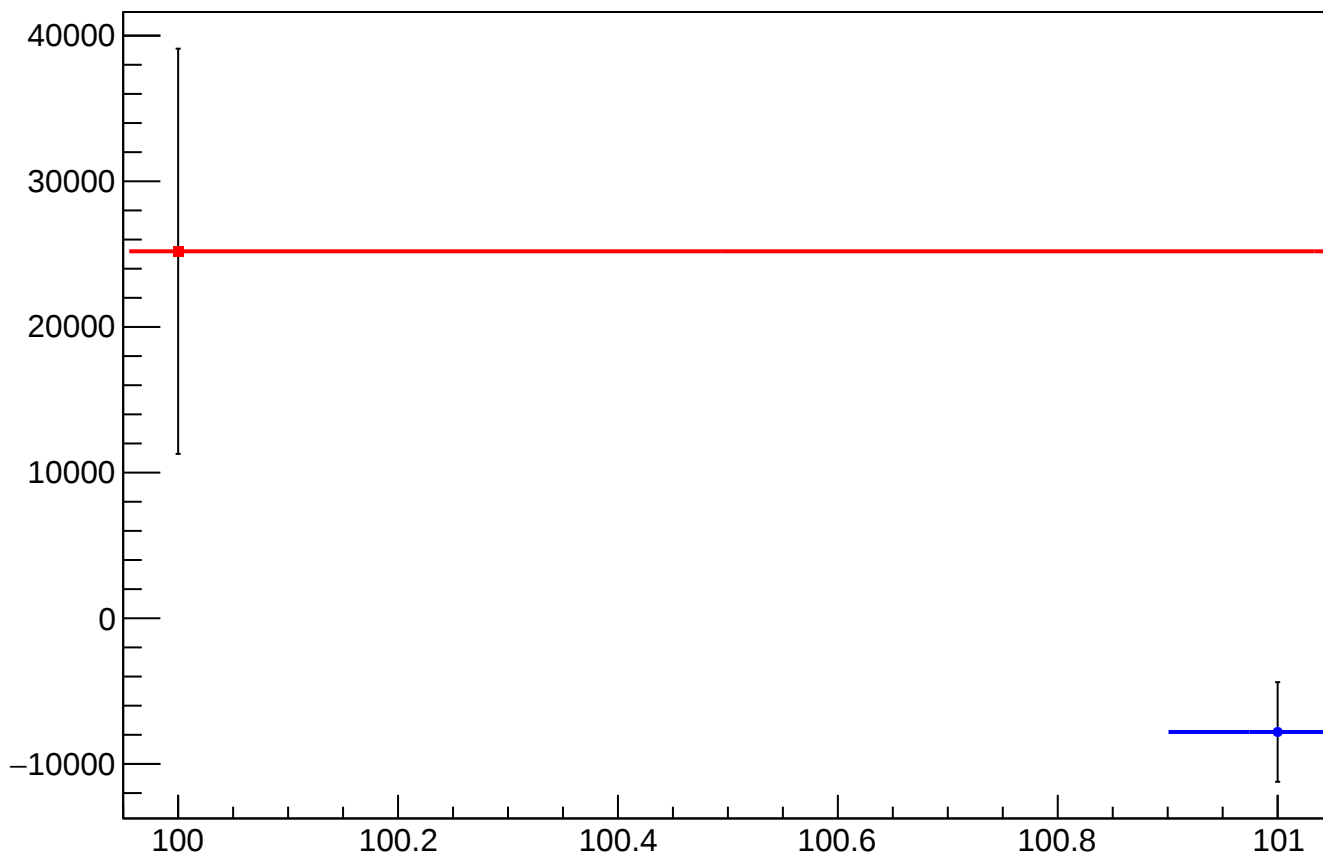
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2606.856 $\pm$ 2.405 χ^2/NDF : 0.0/0

2667.405 $\pm$ 2.335 χ^2/NDF : 11113.2/1

3668.372 $\pm$ 9.778 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -7805.387 $\pm$ 3420.967 χ^2 /NDF: 0.0/0

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

Right Out: 25195.151 $\pm$ 13910.285 χ^2 /NDF: 0.0/0

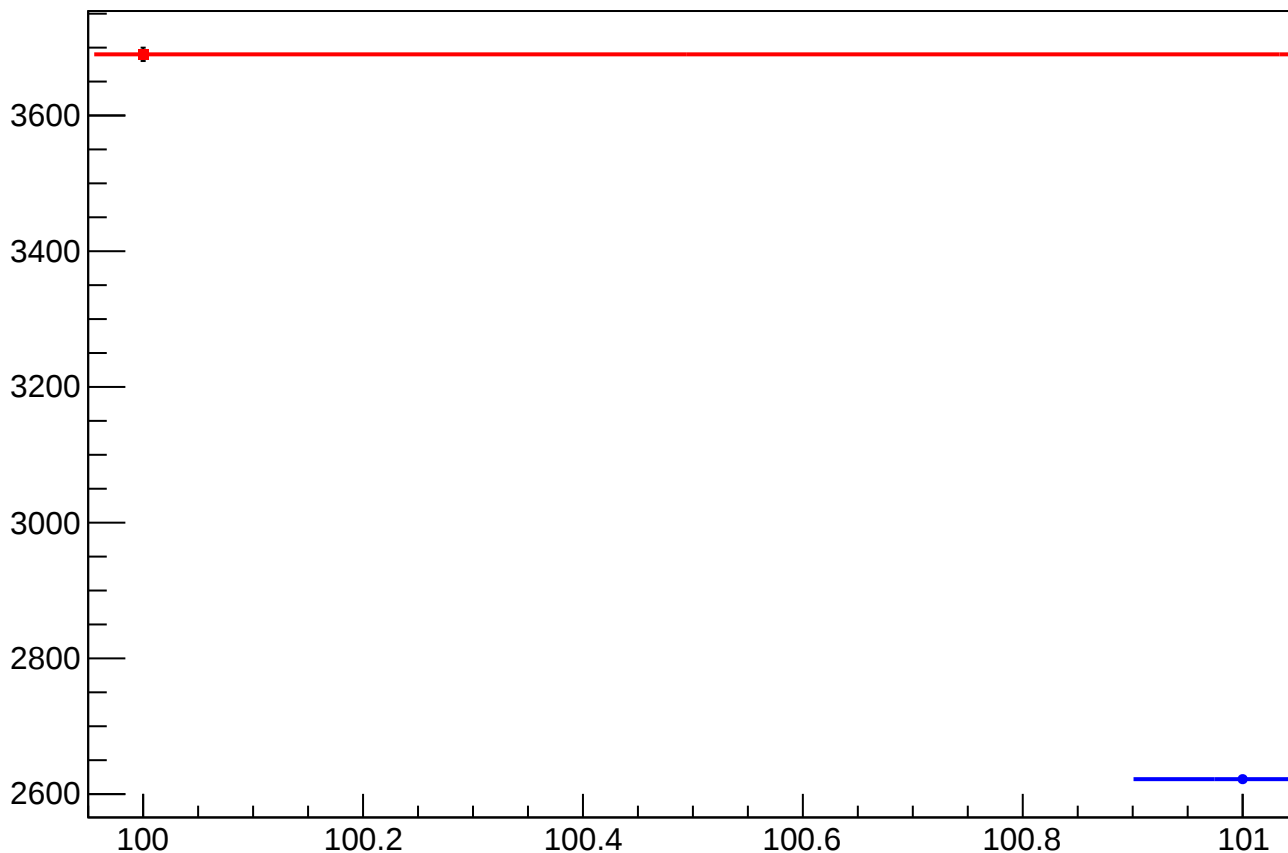
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-7805.387 $\pm$ 3420.967 χ^2 /NDF: 0.0/0

-5923.283 $\pm$ 3321.982 χ^2 /NDF: 5.3/1

25195.151 $\pm$ 13910.285 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 2622.042 $\pm$ 2.419 χ^2 /NDF: 0.0/0

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

Right Out: 3690.099 $\pm$ 9.836 χ^2 /NDF: 0.0/0

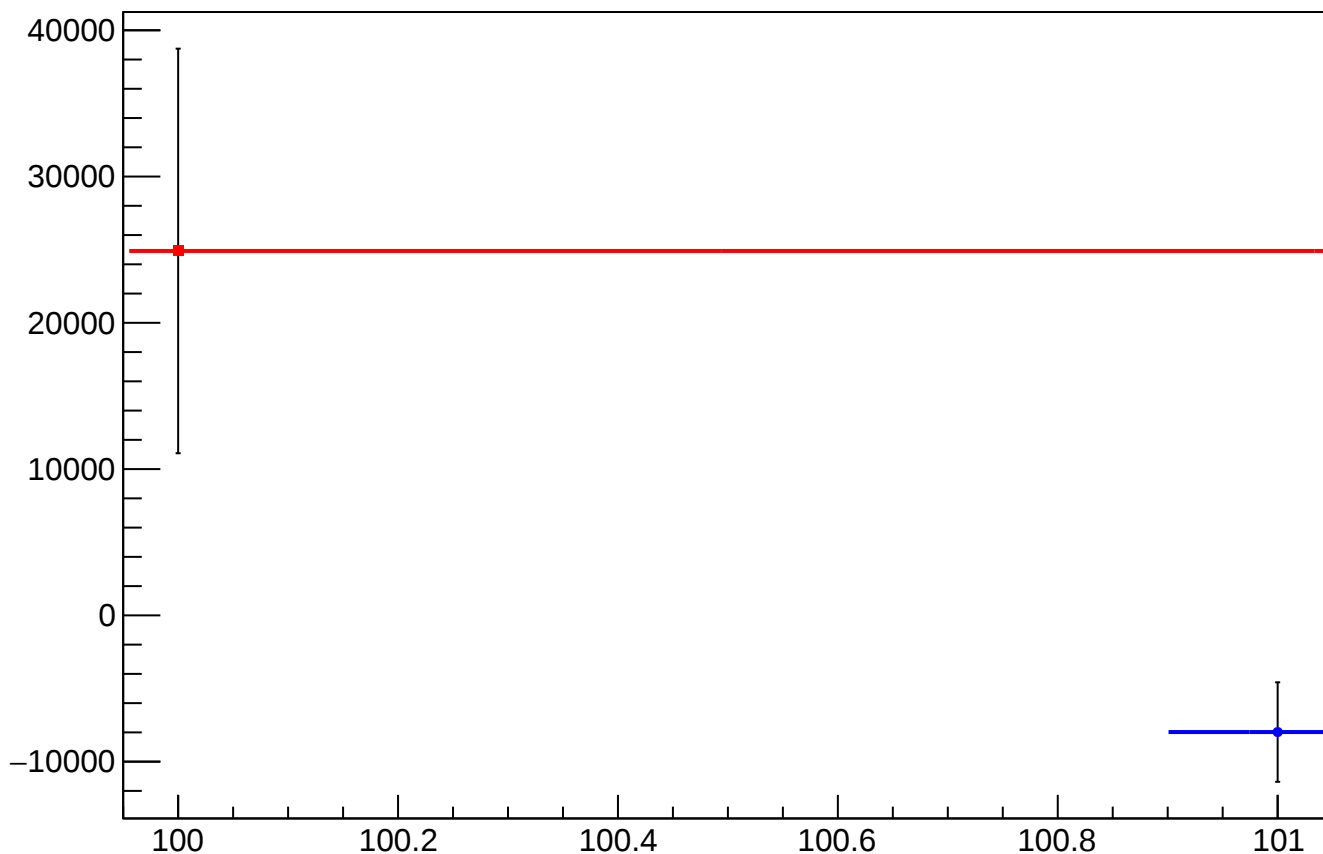
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2622.042 $\pm$ 2.419 χ^2 /NDF: 0.0/0

2682.956 $\pm$ 2.349 χ^2 /NDF: 11118.4/1

3690.099 $\pm$ 9.836 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -7976.247+/-3401.200 χ^2 /NDF: 0.0/0

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

Right Out: 24912.860+/-13829.241 χ^2 /NDF: 0.0/0

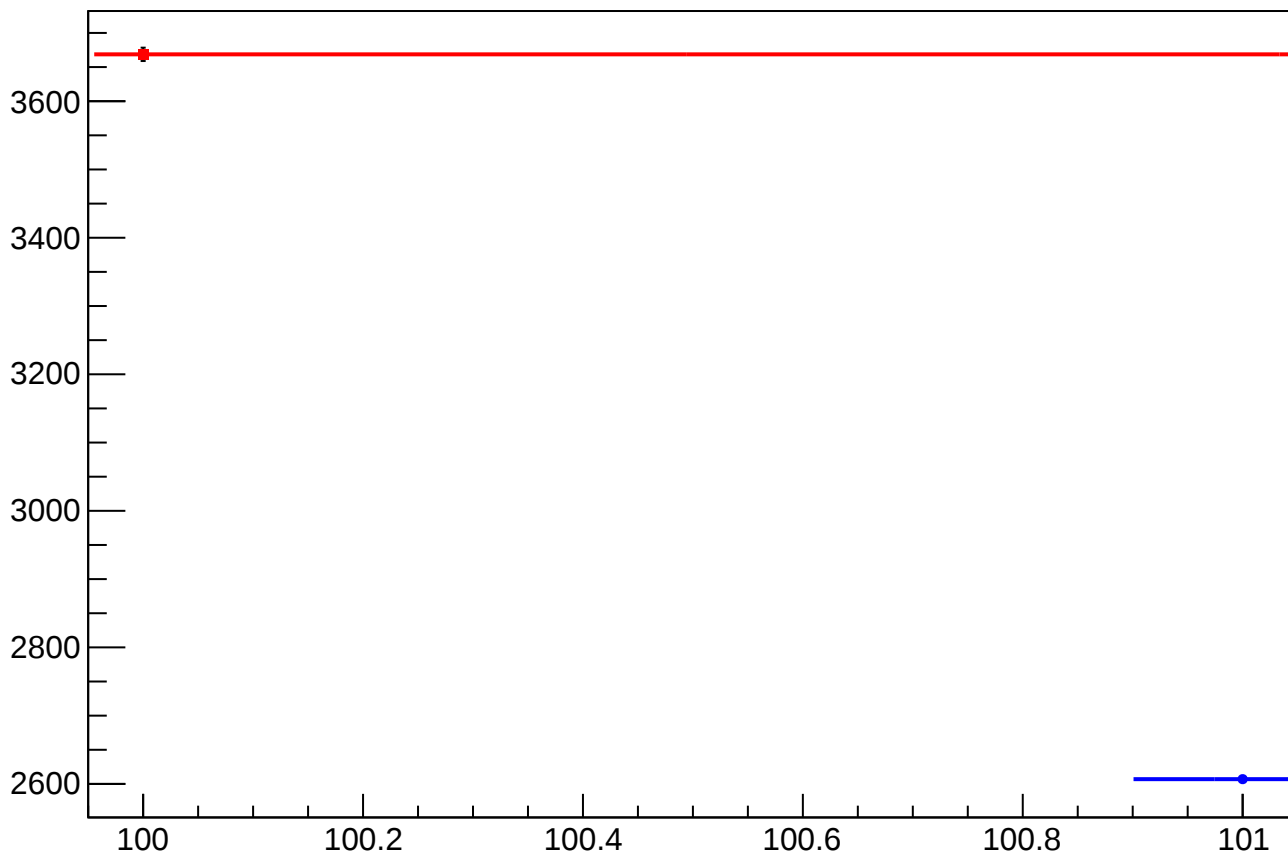
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7976.247+/-3401.200 χ^2 /NDF: 0.0/0

-6100.328+/-3302.777 χ^2 /NDF: 5.3/1

24912.860+/-13829.241 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 2606.977 $\pm$ 2.405 χ^2 /NDF: 0.0/0

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

Right Out: 3668.631 $\pm$ 9.779 χ^2 /NDF: 0.0/0

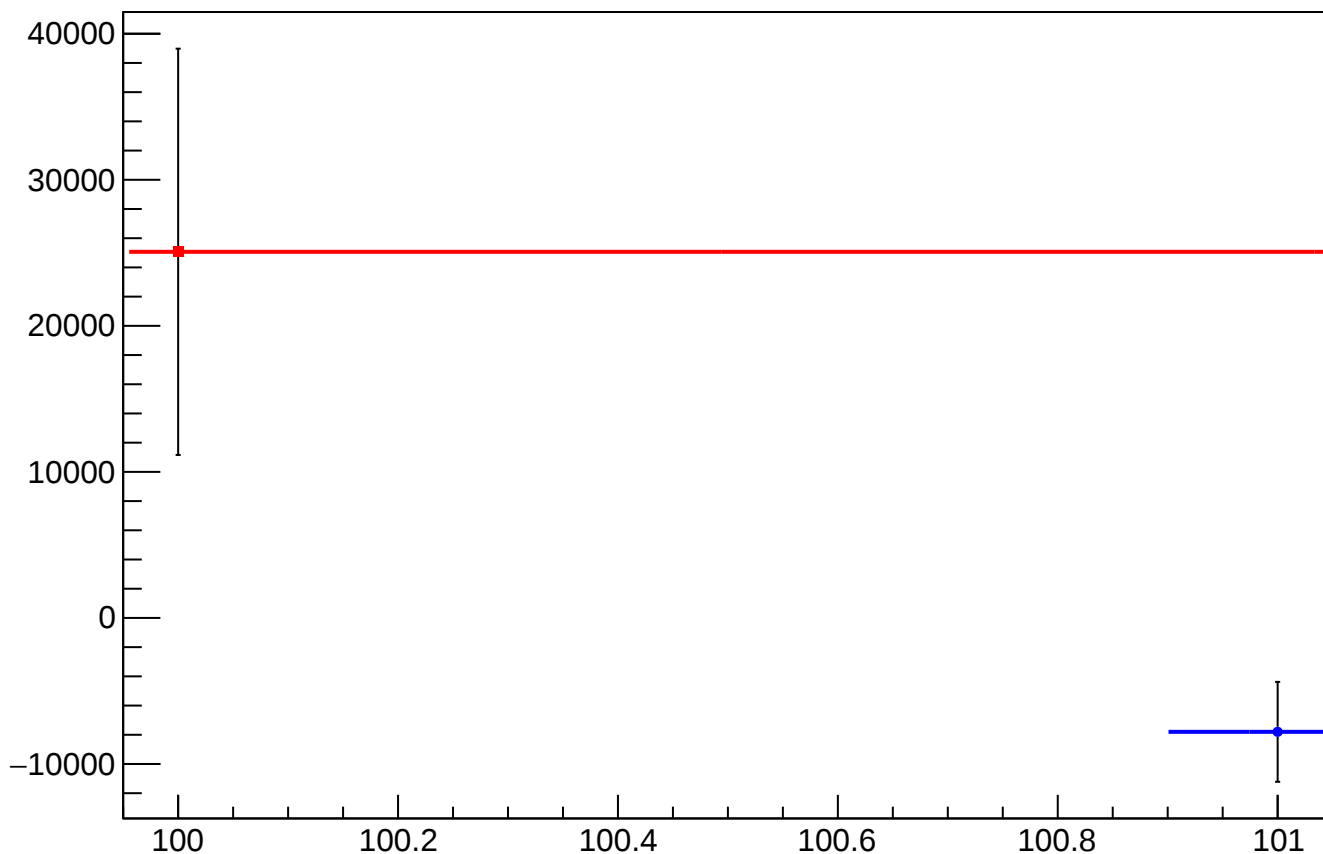
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

2606.977 $\pm$ 2.405 χ^2 /NDF: 0.0/0

2667.531 $\pm$ 2.335 χ^2 /NDF: 11114.6/1

3668.631 $\pm$ 9.779 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -7798.710+/-3420.967 χ^2/NDF : 0.0/0

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

Right Out: 25068.315+/-13909.145 χ^2/NDF : 0.0/0

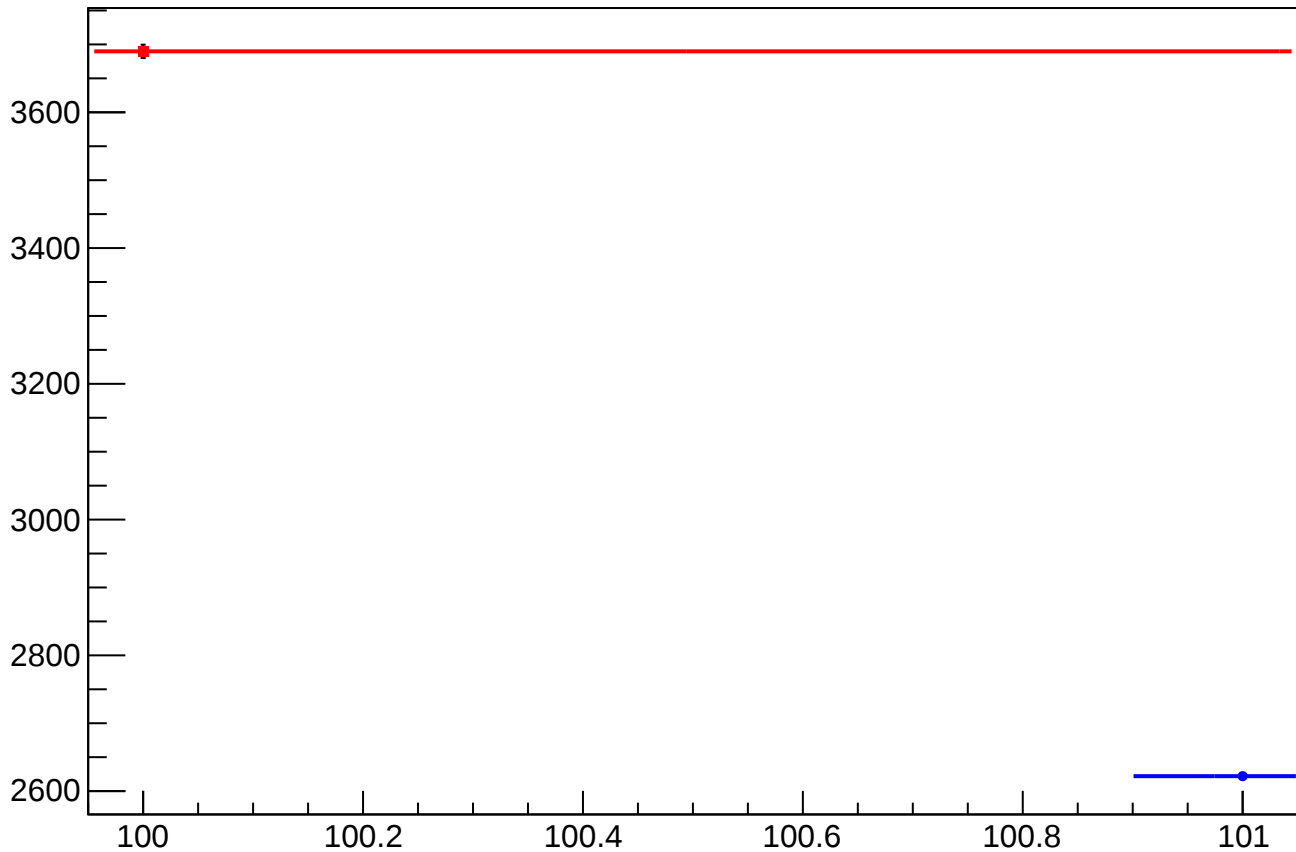
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7798.710+/-3420.967 χ^2/NDF : 0.0/0

-5923.931+/-3321.967 χ^2/NDF : 5.3/1

25068.315+/-13909.145 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 2622.038 $\pm$ 2.419 χ^2/NDF : 0.0/0

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

Right Out: 3689.797 $\pm$ 9.835 χ^2/NDF : 0.0/0

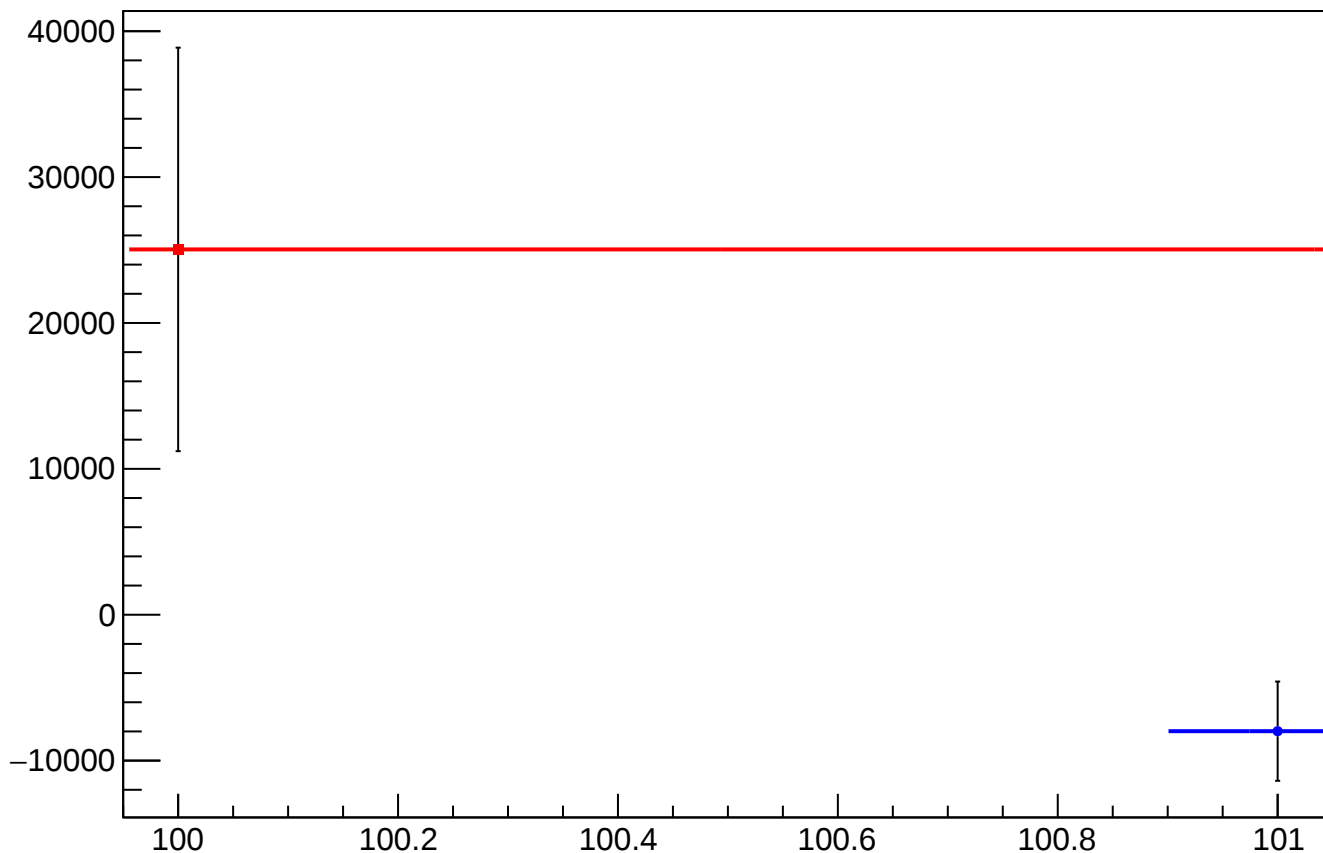
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2622.038 $\pm$ 2.419 χ^2/NDF : 0.0/0

2682.944 $\pm$ 2.349 χ^2/NDF : 11114.0/1

3689.797 $\pm$ 9.835 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -7982.366+/-3401.169 χ^2/NDF : 0.0/0

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

Right Out: 25042.023+/-13829.181 χ^2/NDF : 0.0/0

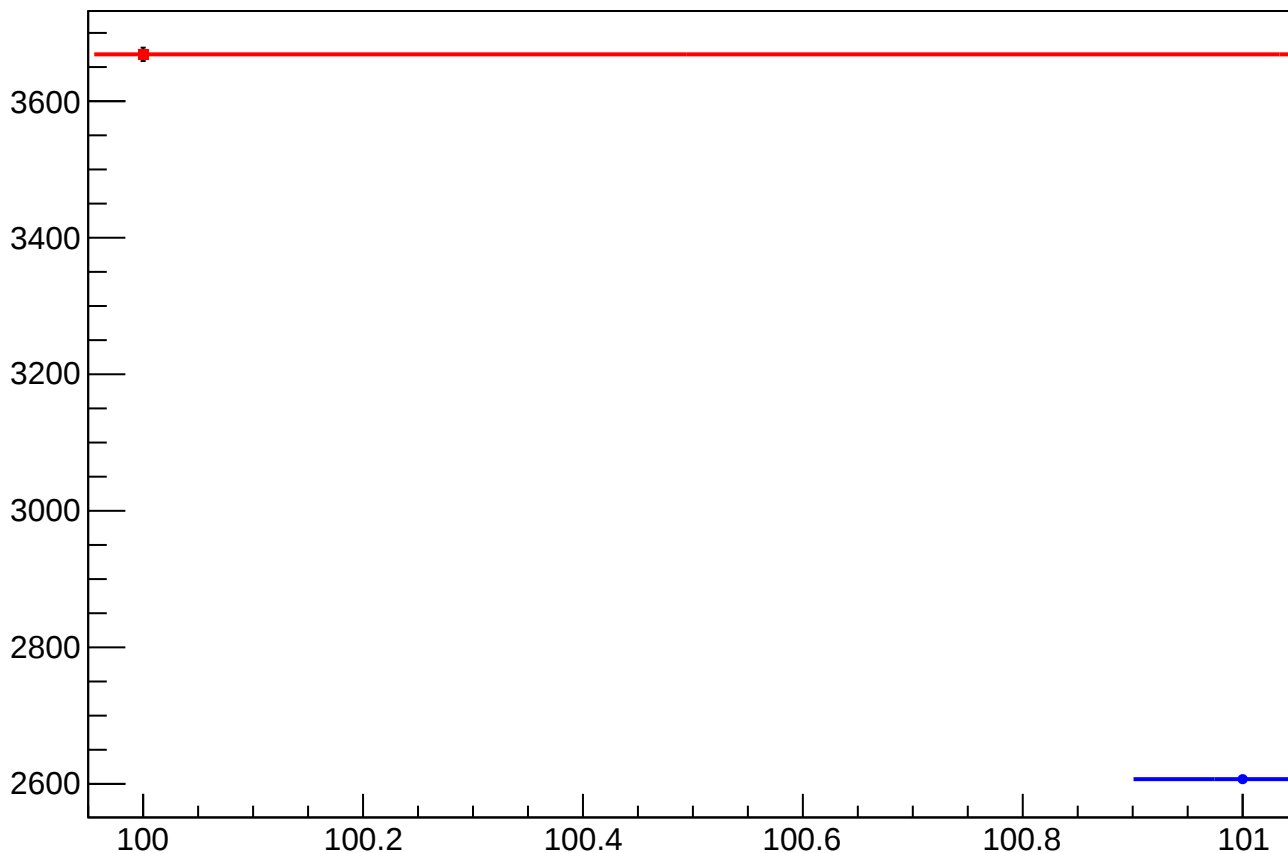
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7982.366+/-3401.169 χ^2/NDF : 0.0/0

-6098.748+/-3302.749 χ^2/NDF : 5.4/1

25042.023+/-13829.181 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 2606.956 $\pm$ 2.405 χ^2/NDF : 0.0/0

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

Right Out: 3668.613 $\pm$ 9.779 χ^2/NDF : 0.0/0

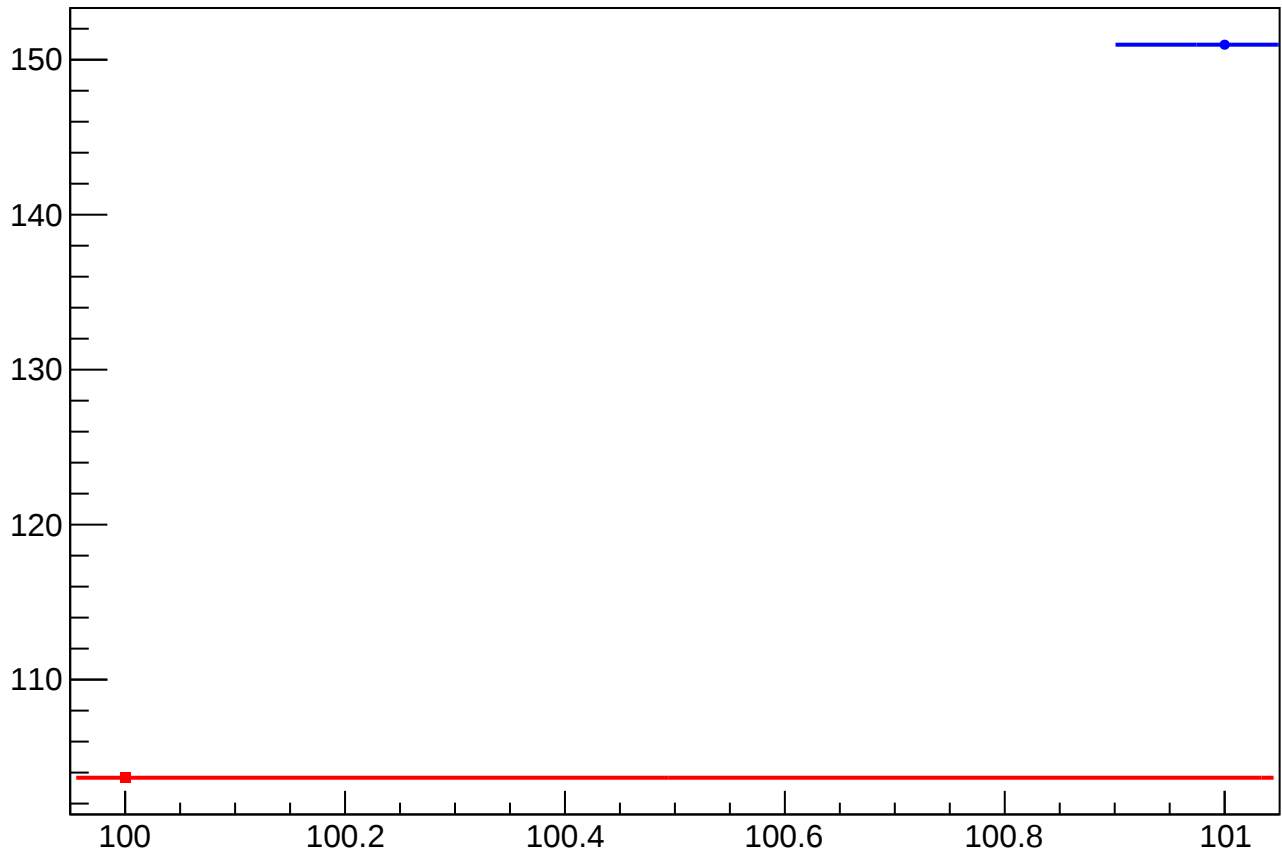
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2606.956 $\pm$ 2.405 χ^2/NDF : 0.0/0

2667.510 $\pm$ 2.335 χ^2/NDF : 11114.8/1

3668.613 $\pm$ 9.779 χ^2/NDF : 0.0/0

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 150.970 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 103.667 $\pm$ 0.003 χ^2 /NDF: 0.0/0

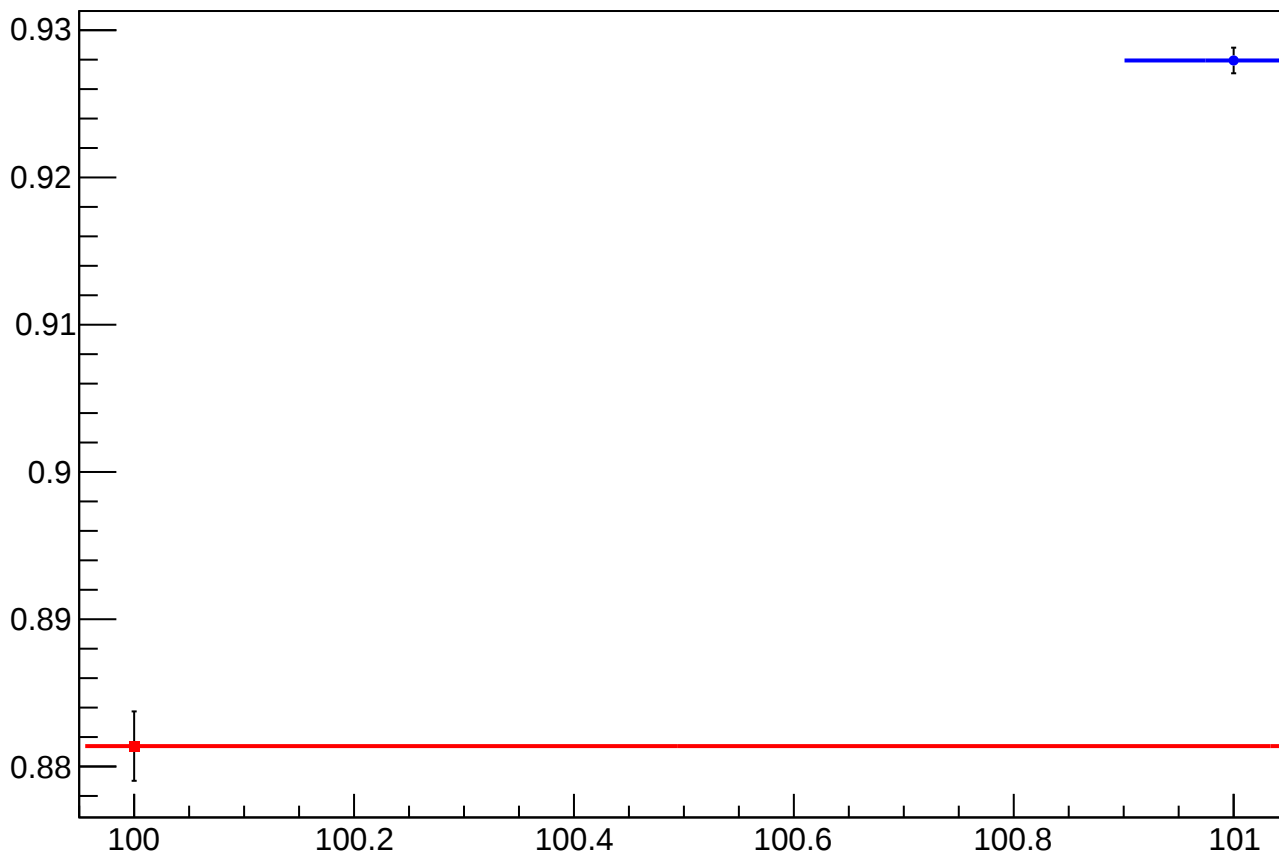
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150.970 $\pm$ 0.001 χ^2 /NDF: 0.0/0

145.301 $\pm$ 0.001 χ^2 /NDF: 177368742.9/1

103.667 $\pm$ 0.003 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.928 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 0.881 $\pm$ 0.002 χ^2 /NDF: 0.0/0

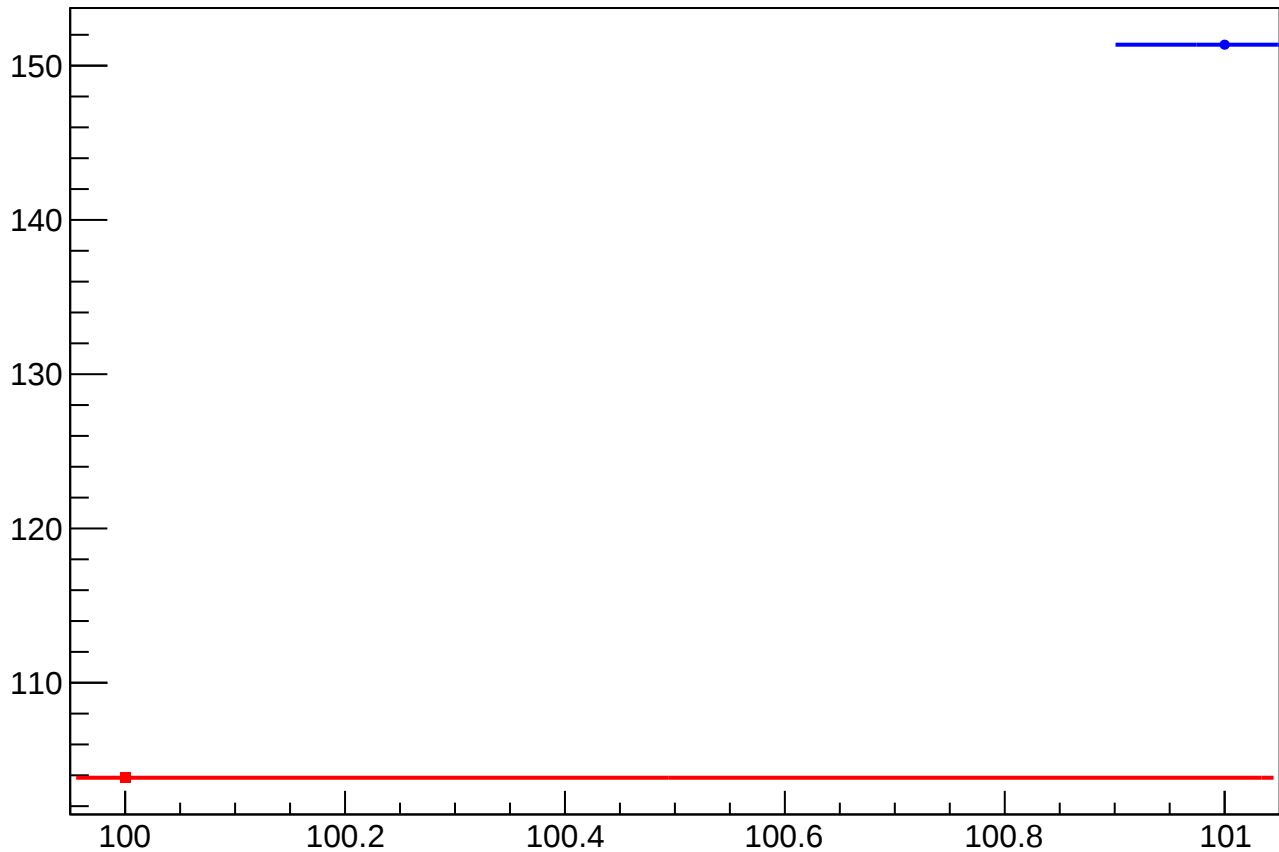
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.928 $\pm$ 0.001 χ^2 /NDF: 0.0/0

0.922 $\pm$ 0.001 χ^2 /NDF: 343.7/1

0.881 $\pm$ 0.002 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 151.359 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 103.842 $\pm$ 0.003 χ^2 /NDF: 0.0/0

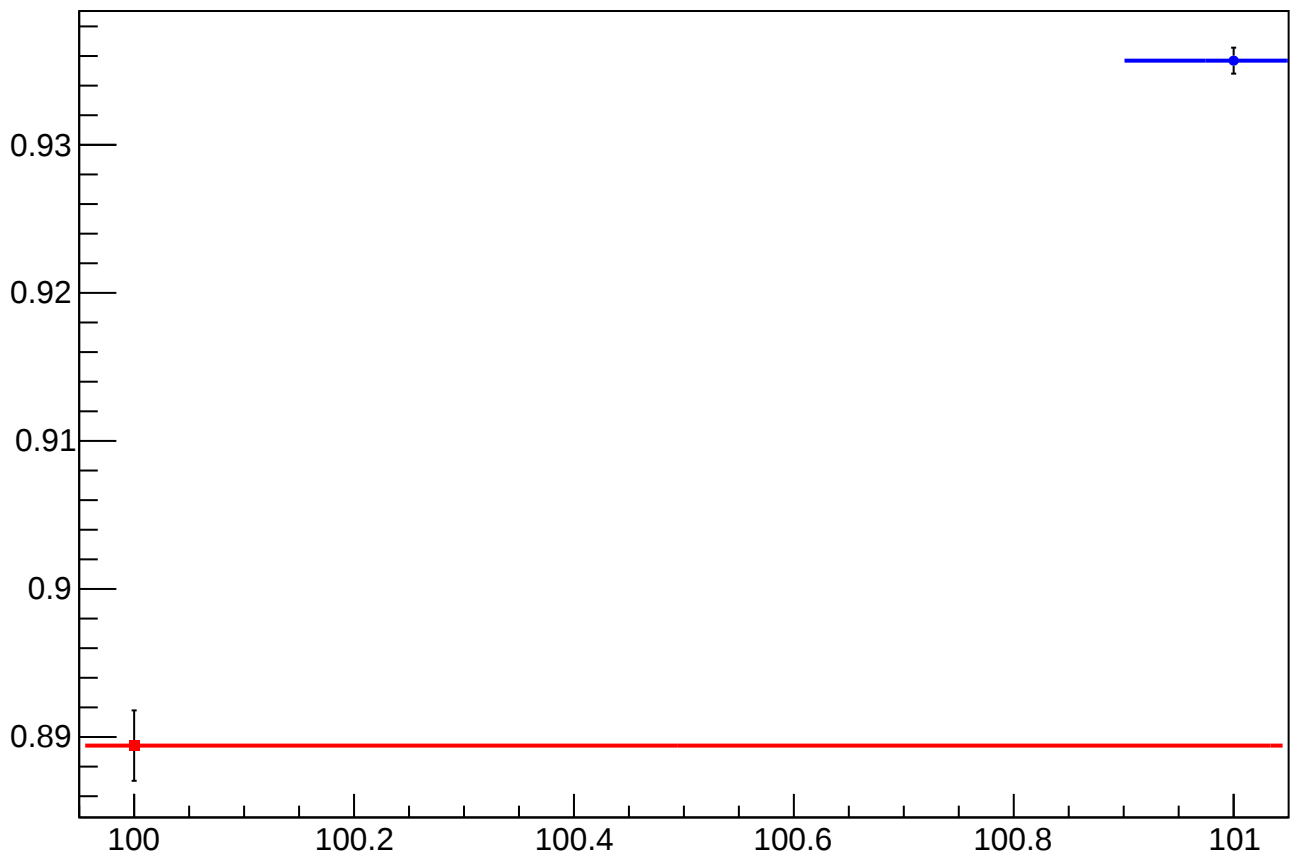
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

151.359 $\pm$ 0.001 χ^2 /NDF: 0.0/0

145.672 $\pm$ 0.001 χ^2 /NDF: 175794185.3/1

103.842 $\pm$ 0.003 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.936+/-0.001 χ^2/NDF : 0.0/0

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

Right Out: 0.889+/-0.002 χ^2/NDF : 0.0/0

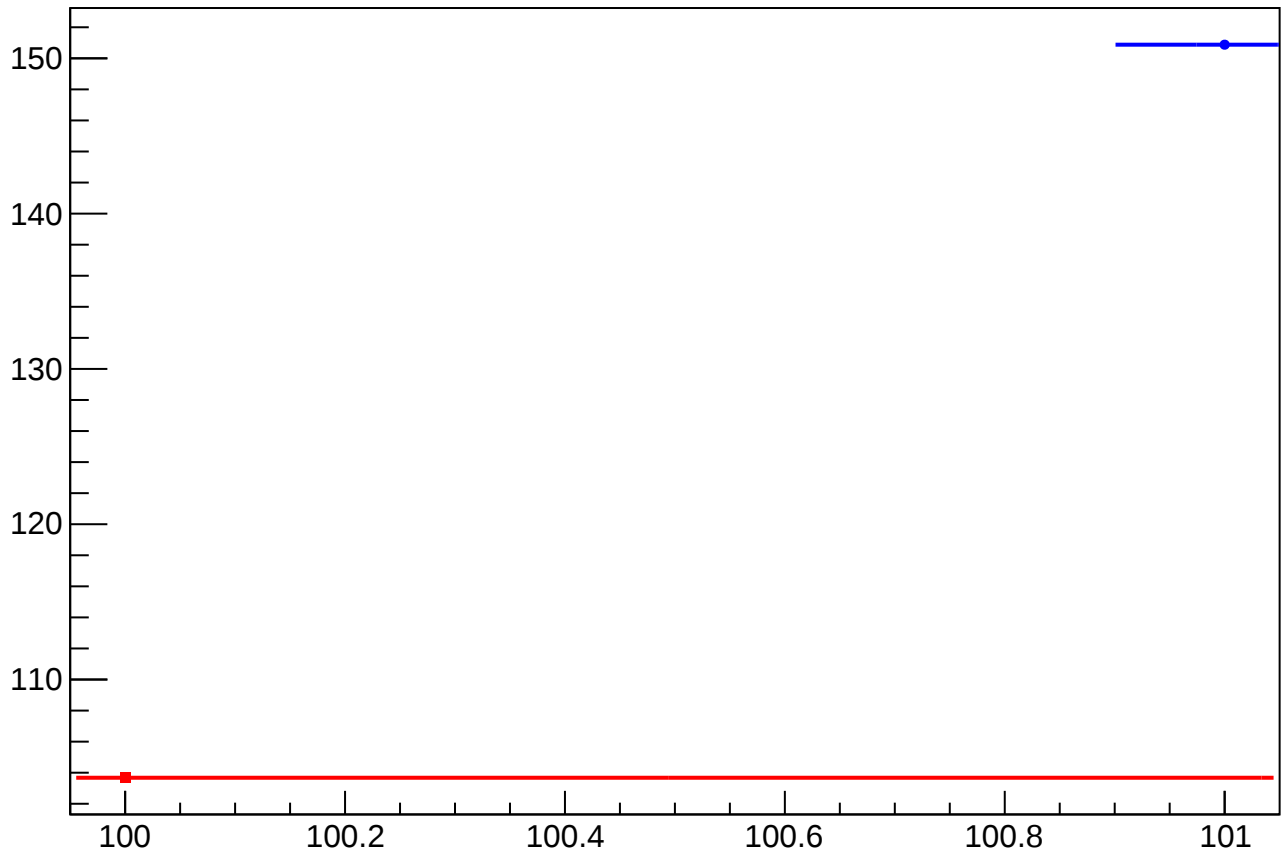
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.936+/-0.001 χ^2/NDF : 0.0/0

0.930+/-0.001 χ^2/NDF : 333.3/1

0.889+/-0.002 χ^2/NDF : 0.0/0

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 150.878 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 103.675 $\pm$ 0.003 χ^2 /NDF: 0.0/0

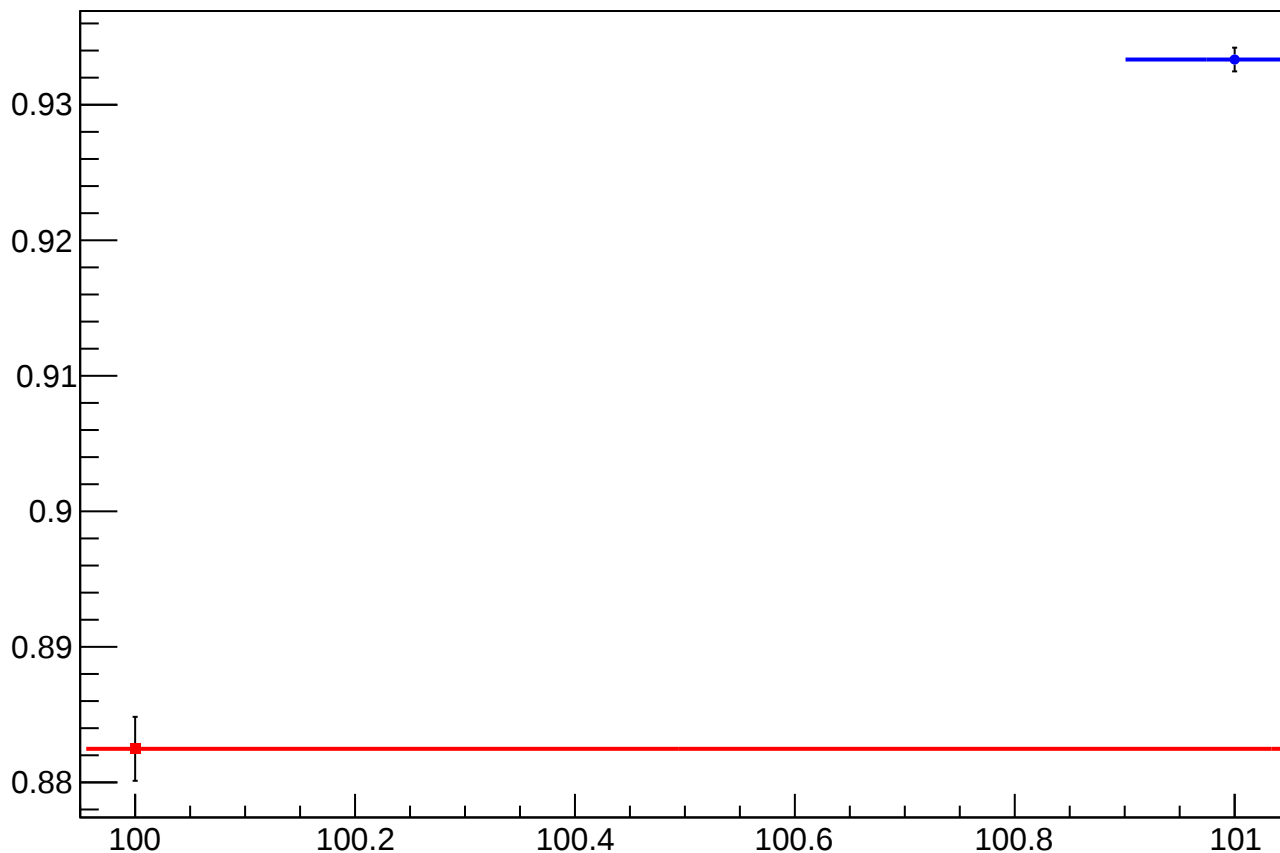
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150.878 $\pm$ 0.001 χ^2 /NDF: 0.0/0

145.175 $\pm$ 0.001 χ^2 /NDF: 175993482.4/1

103.675 $\pm$ 0.003 χ^2 /NDF: 0.0/0

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.933 $\pm$ 0.001 χ^2/NDF : 0.0/0

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

Right Out: 0.882 $\pm$ 0.002 χ^2/NDF : 0.0/0

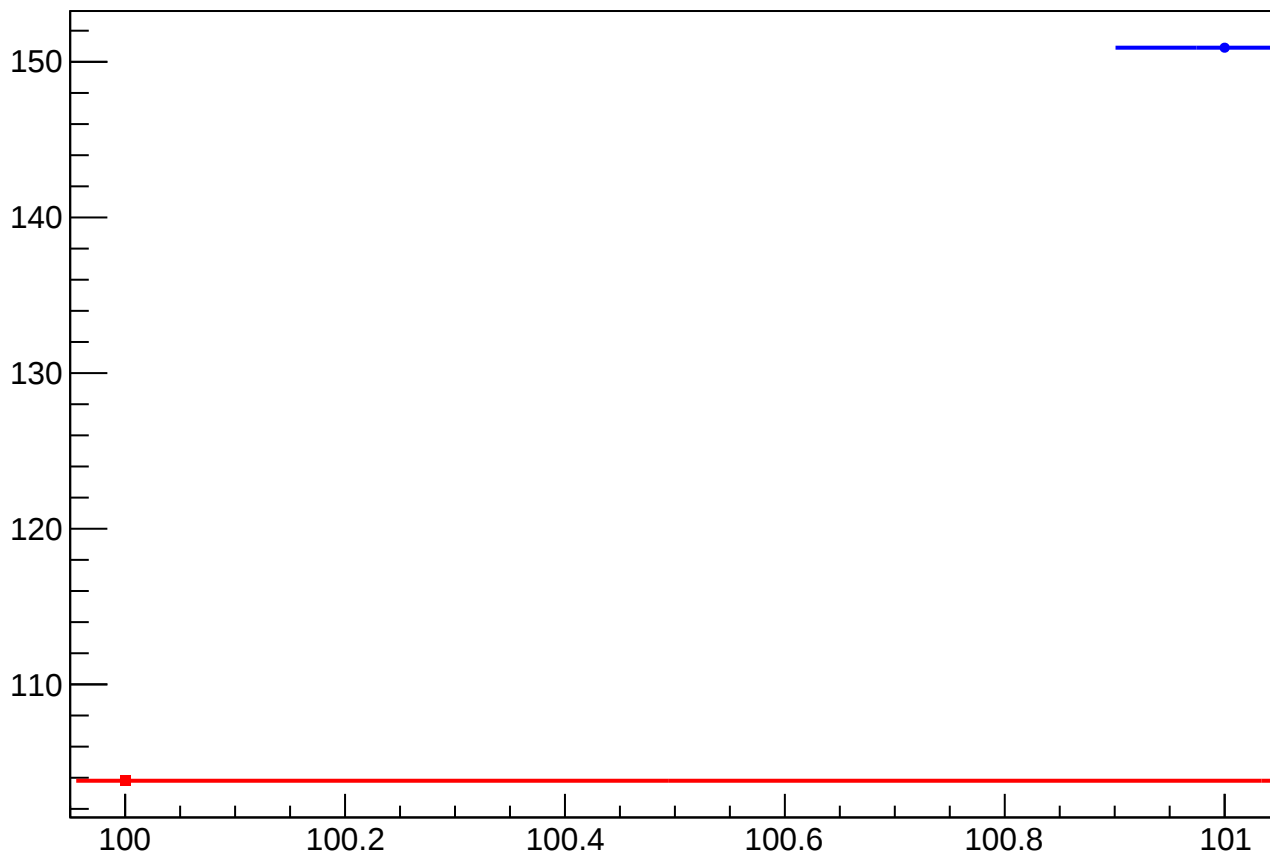
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.933 $\pm$ 0.001 χ^2/NDF : 0.0/0

0.927 $\pm$ 0.001 χ^2/NDF : 408.7/1

0.882 $\pm$ 0.002 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 150.908 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 103.808 $\pm$ 0.003 χ^2 /NDF: 0.0/0

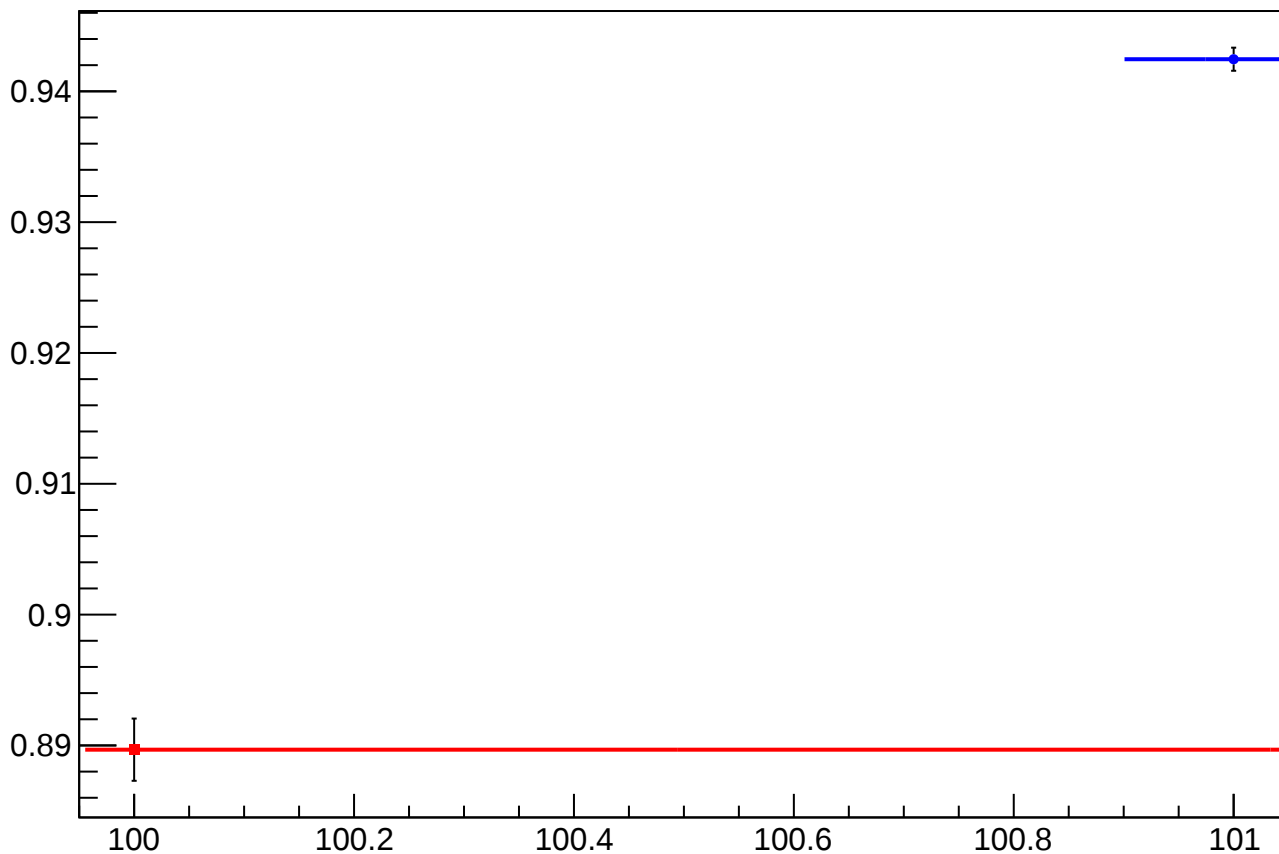
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150.908 $\pm$ 0.001 χ^2 /NDF: 0.0/0

145.204 $\pm$ 0.001 χ^2 /NDF: 172307349.1/1

103.808 $\pm$ 0.003 χ^2 /NDF: 0.0/0

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.942 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 0.890 $\pm$ 0.002 χ^2 /NDF: 0.0/0

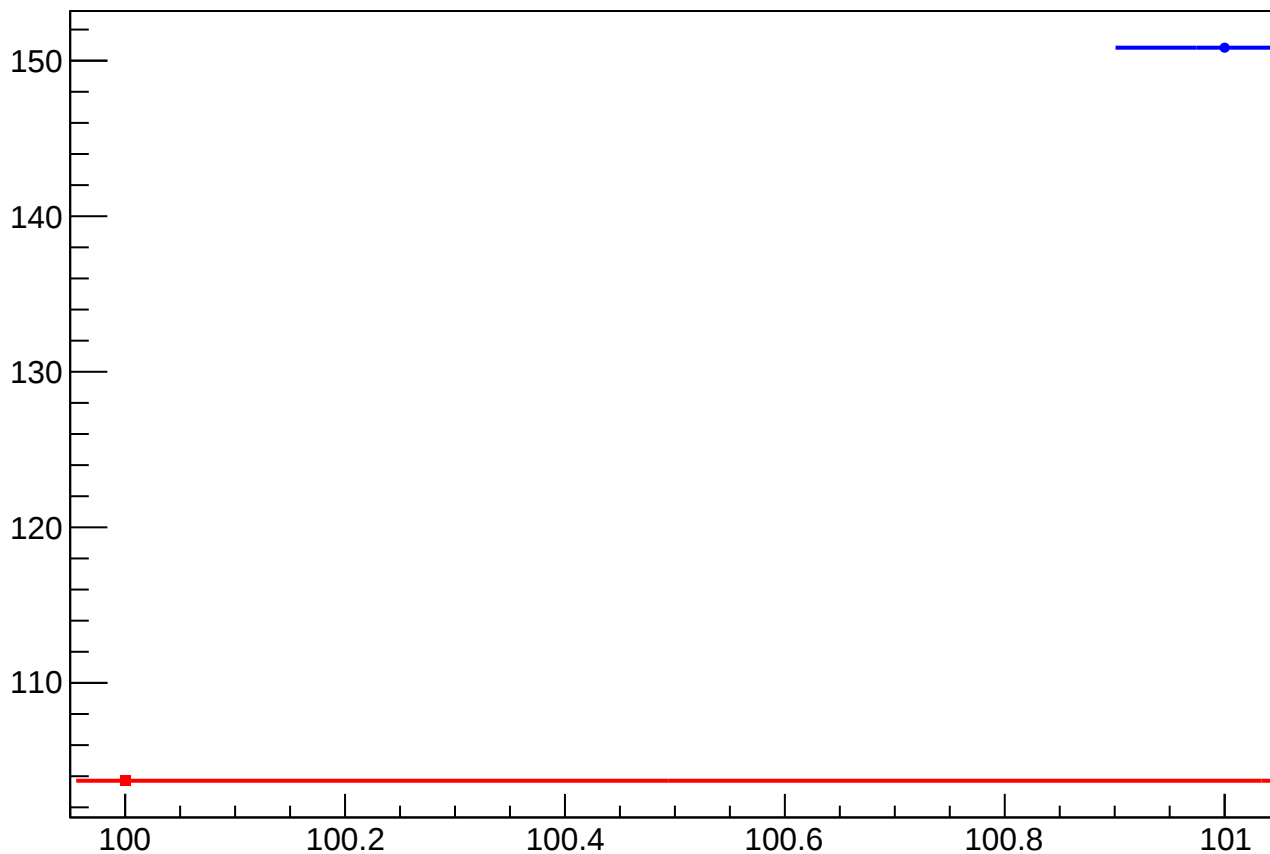
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.942 $\pm$ 0.001 χ^2 /NDF: 0.0/0

0.936 $\pm$ 0.001 χ^2 /NDF: 432.7/1

0.890 $\pm$ 0.002 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 150.835 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 103.709 $\pm$ 0.003 χ^2 /NDF: 0.0/0

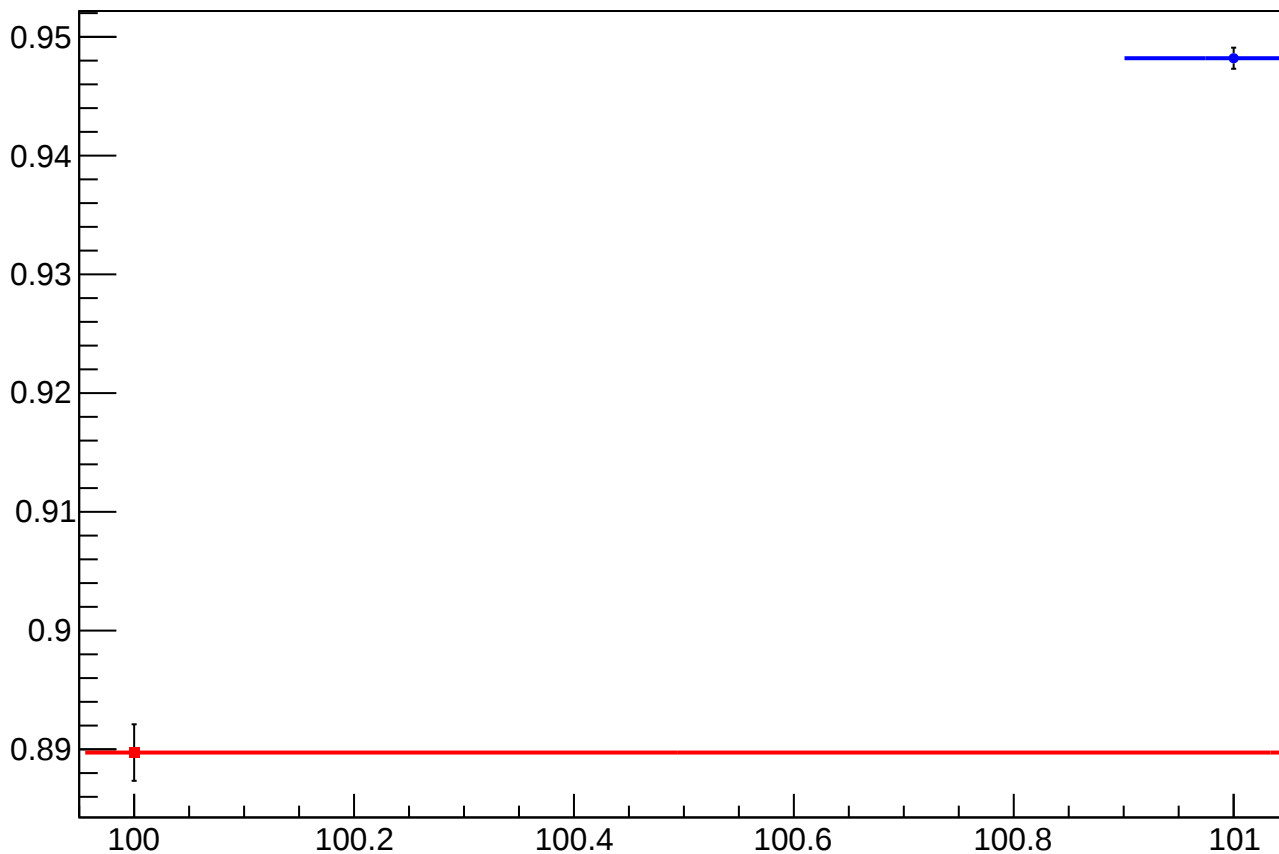
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

150.835 $\pm$ 0.001 χ^2 /NDF: 0.0/0

145.064 $\pm$ 0.001 χ^2 /NDF: 172280671.9/1

103.709 $\pm$ 0.003 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.948 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 0.890 $\pm$ 0.002 χ^2 /NDF: 0.0/0

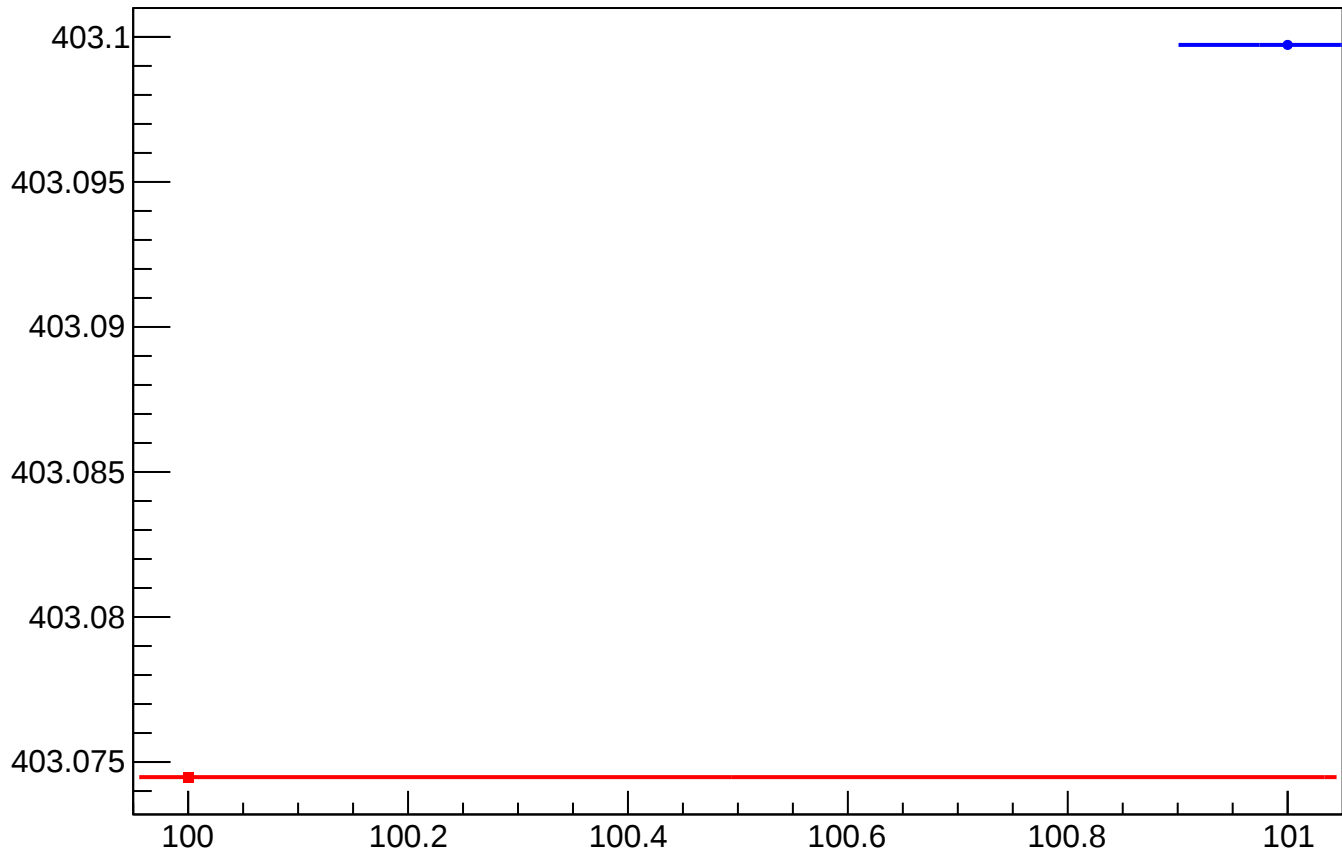
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

0.948 $\pm$ 0.001 χ^2 /NDF: 0.0/0

0.941 $\pm$ 0.001 χ^2 /NDF: 530.5/1

0.890 $\pm$ 0.002 χ^2 /NDF: 0.0/0

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 403.100 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 403.074 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

403.100 $\pm$ 0.000 χ^2 /NDF: 0.0/0

403.097 $\pm$ 0.000 χ^2 /NDF: 1061887.5/1

403.074 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

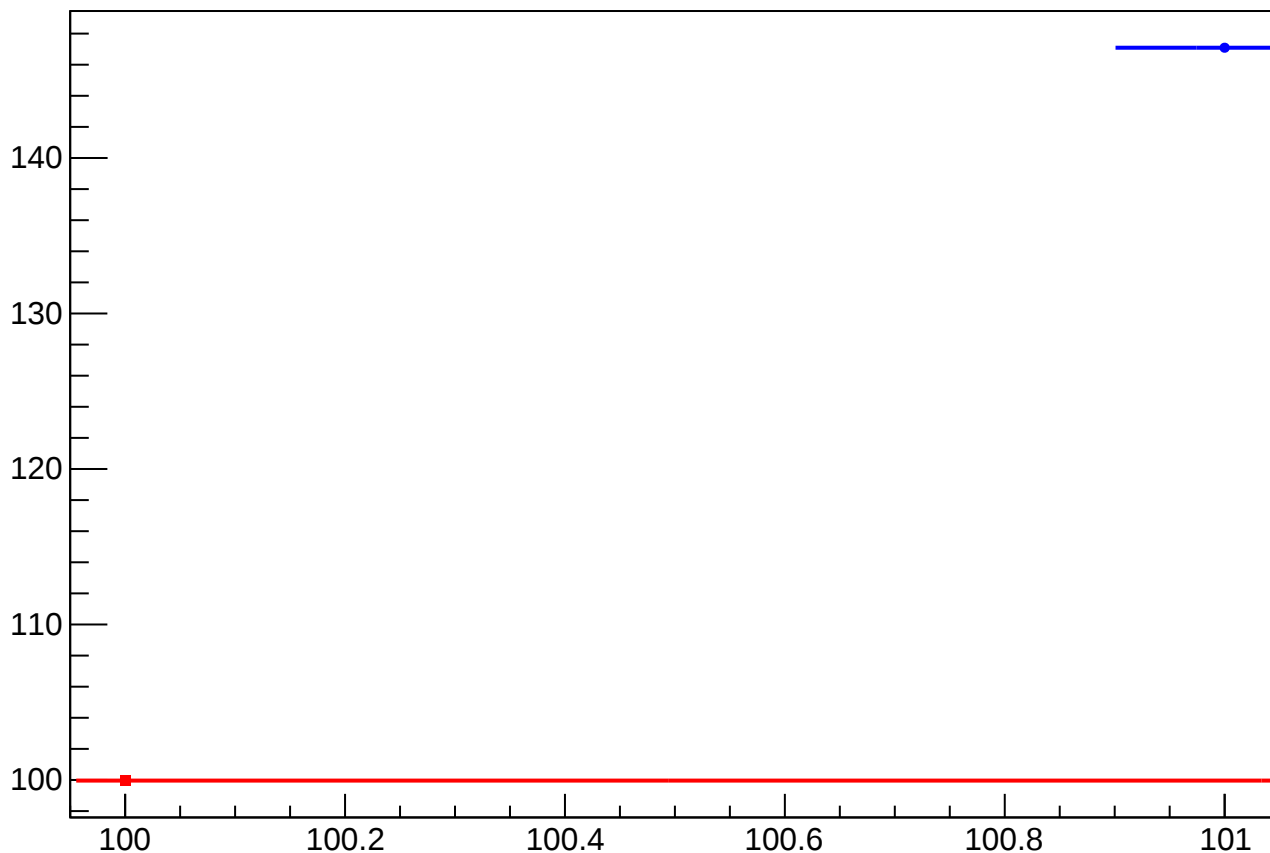
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 17.9/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 147.092 $\pm$ 0.003 χ^2 /NDF: 0.0/0

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

Right Out: 99.961 $\pm$ 0.014 χ^2 /NDF: 0.0/0

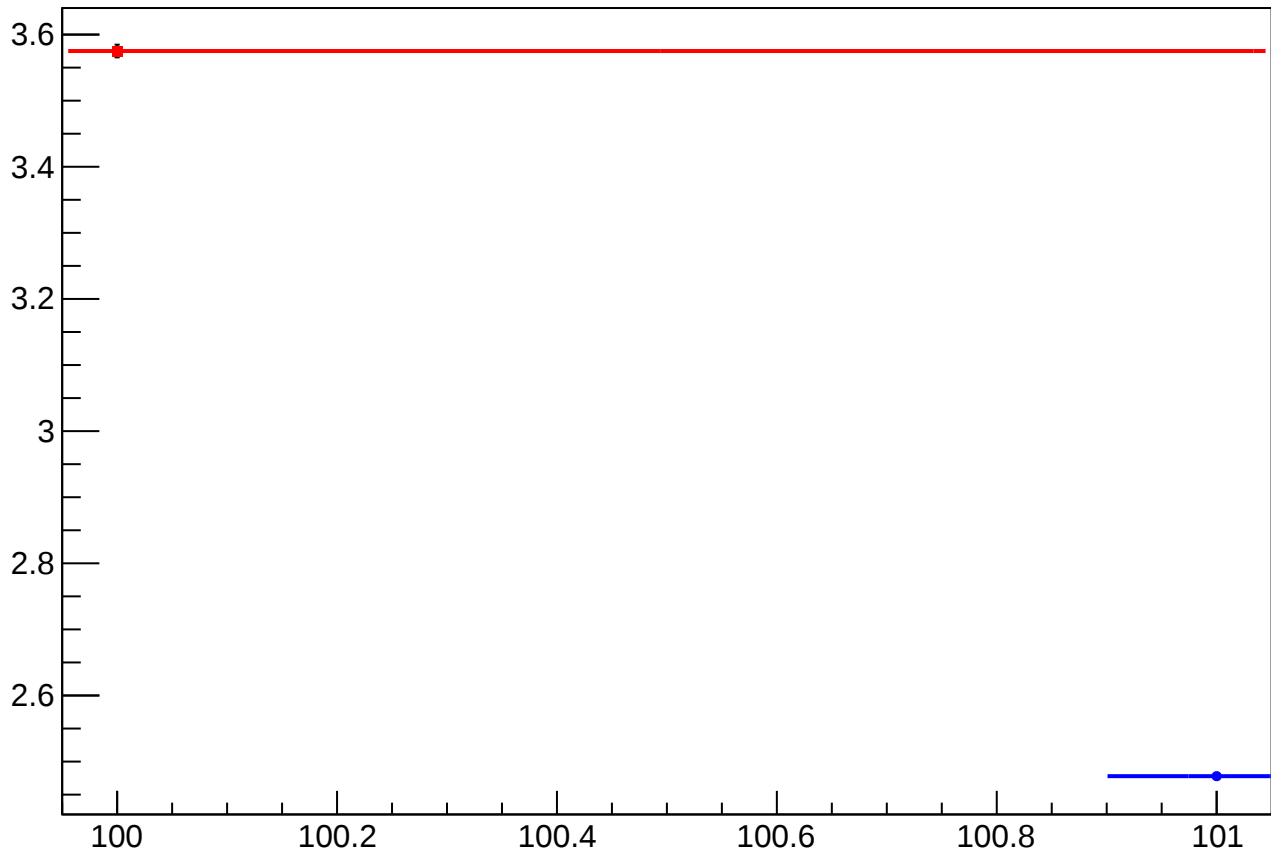
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

147.092 $\pm$ 0.003 χ^2 /NDF: 0.0/0

144.184 $\pm$ 0.003 χ^2 /NDF: 11329309.2/1

99.961 $\pm$ 0.014 χ^2 /NDF: 0.0/0

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 2.478+/-0.002 χ^2/NDF : 0.0/0

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

Right Out: 3.575+/-0.010 χ^2/NDF : 0.0/0

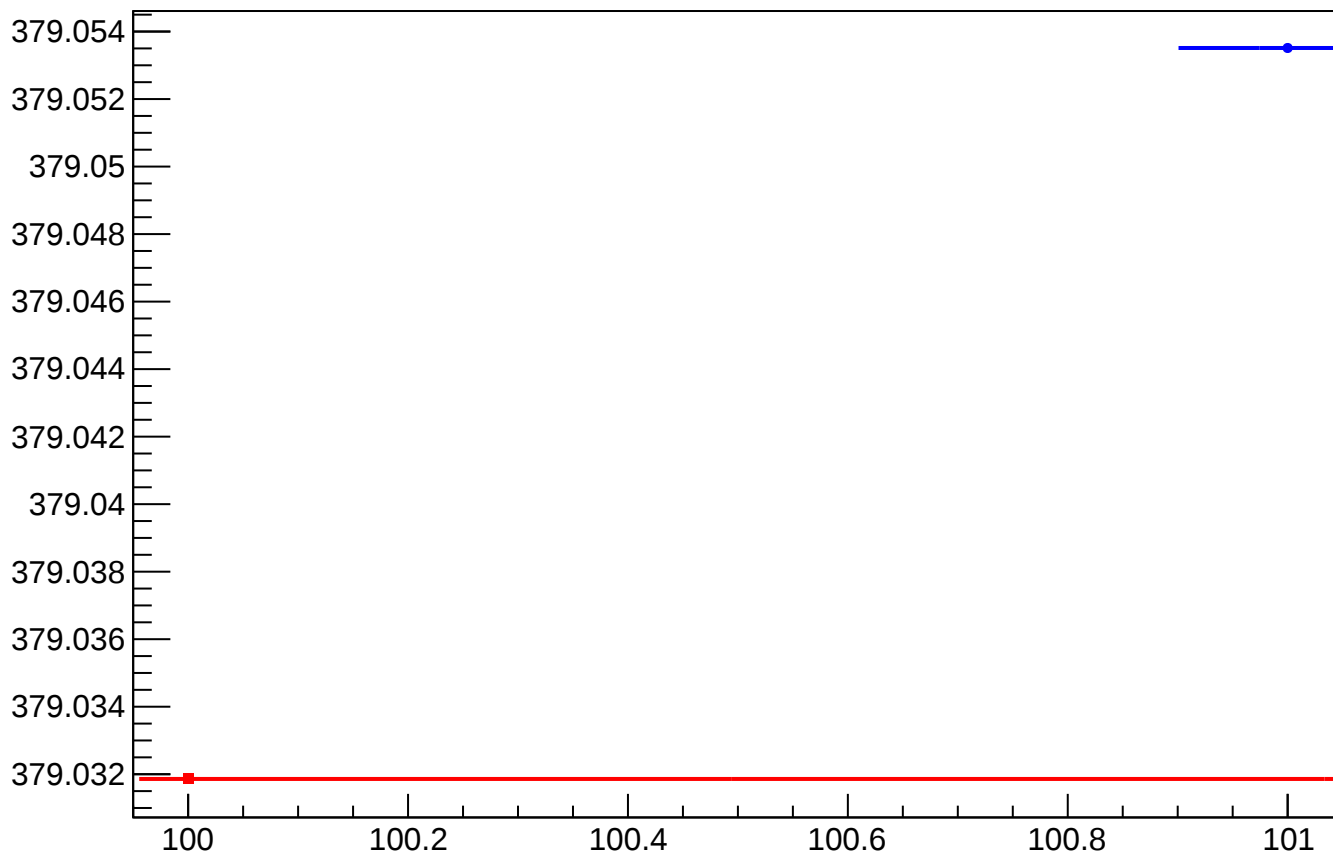
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.478+/-0.002 χ^2/NDF : 0.0/0

2.546+/-0.002 χ^2/NDF : 12280.2/1

3.575+/-0.010 χ^2/NDF : 0.0/0

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 379.054+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 379.032+/-0.000 χ^2/NDF : 0.0/0

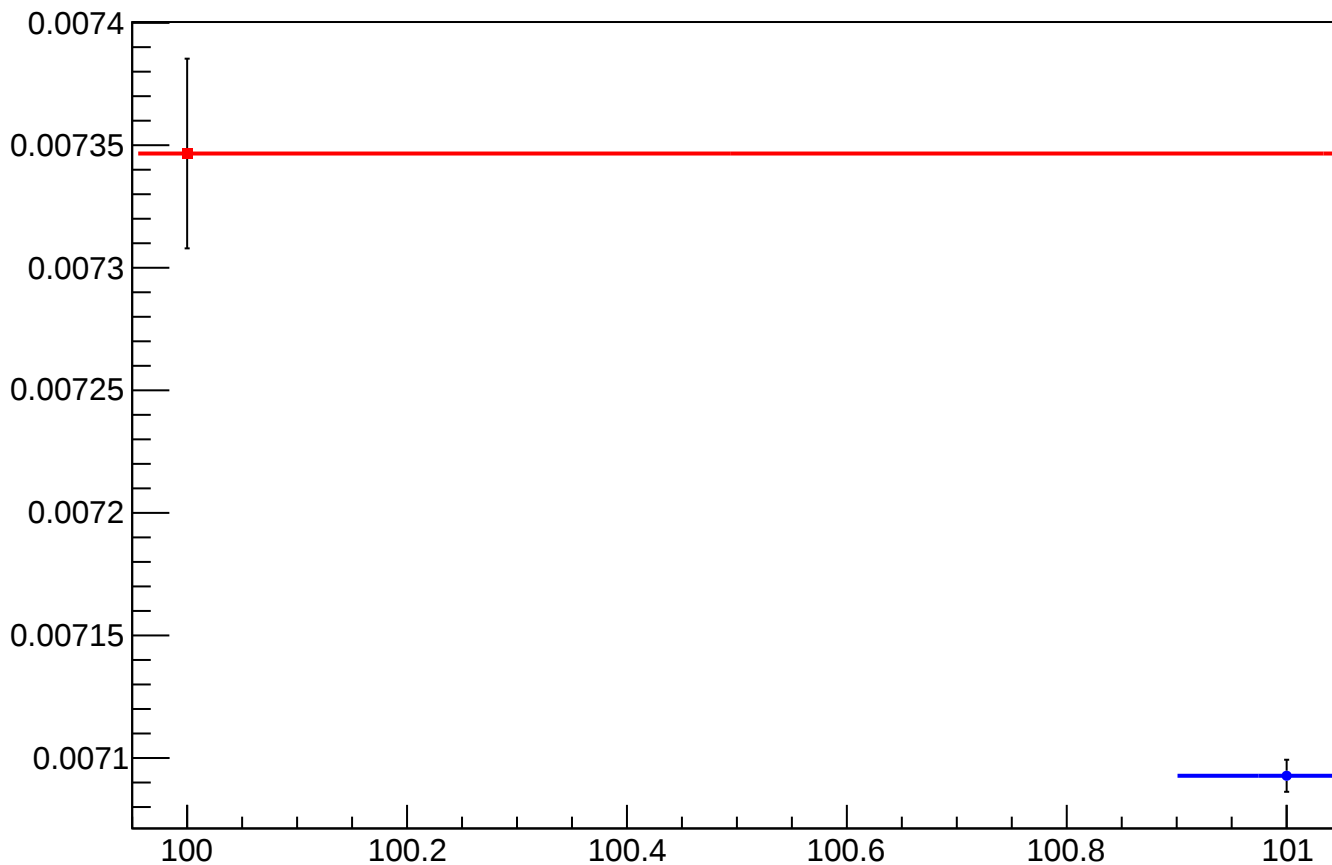
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

379.054+/-0.000 χ^2/NDF : 0.0/0

379.053+/-0.000 χ^2/NDF : 152215.7/1

379.032+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

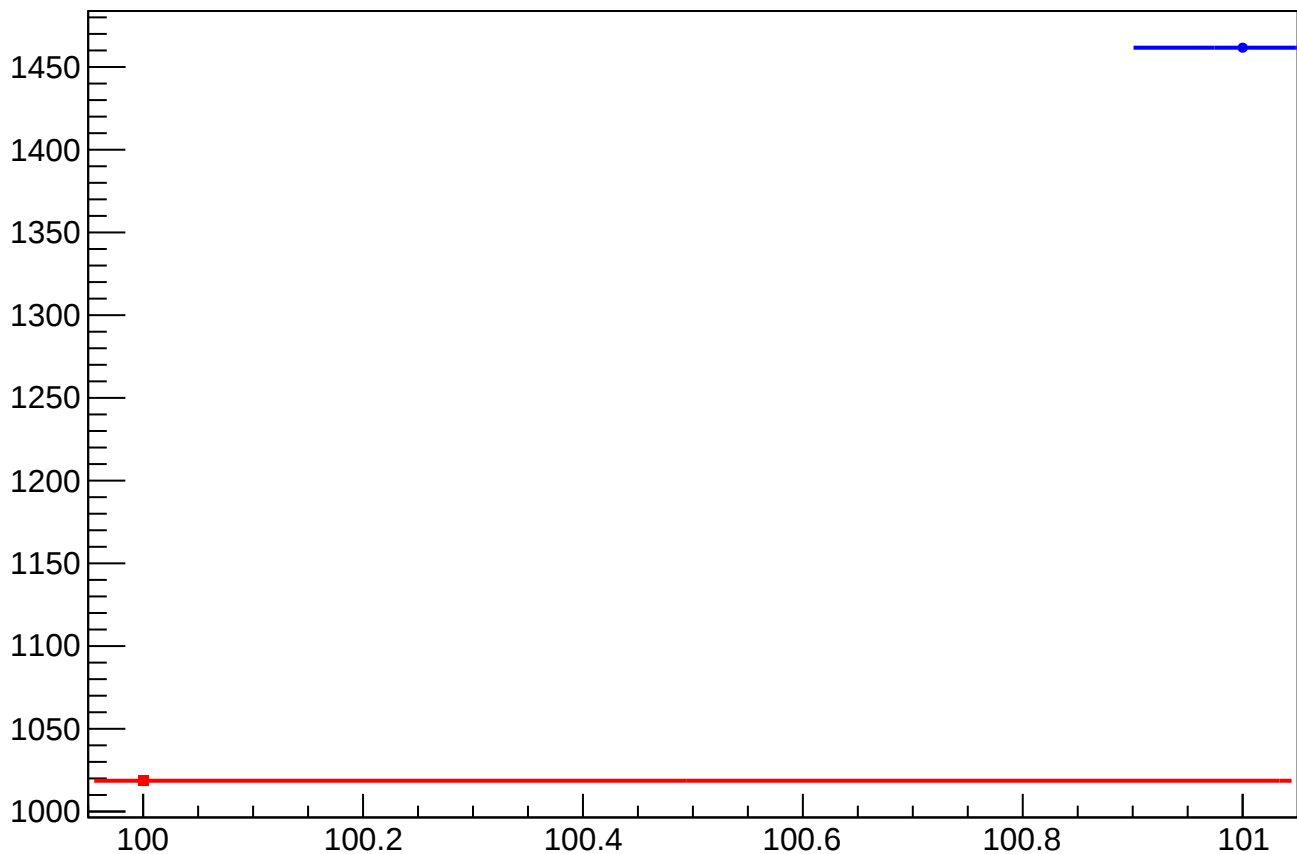
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.007 $\pm$ 0.000 χ^2 /NDF: 41.8/1

0.007 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm0l02_mean vs Slug, Sign Corrected



Right In: 1461.665 $\pm$ 0.016 χ^2/NDF : 0.0/0

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

Right Out: 1018.609 $\pm$ 0.038 χ^2/NDF : 0.0/0

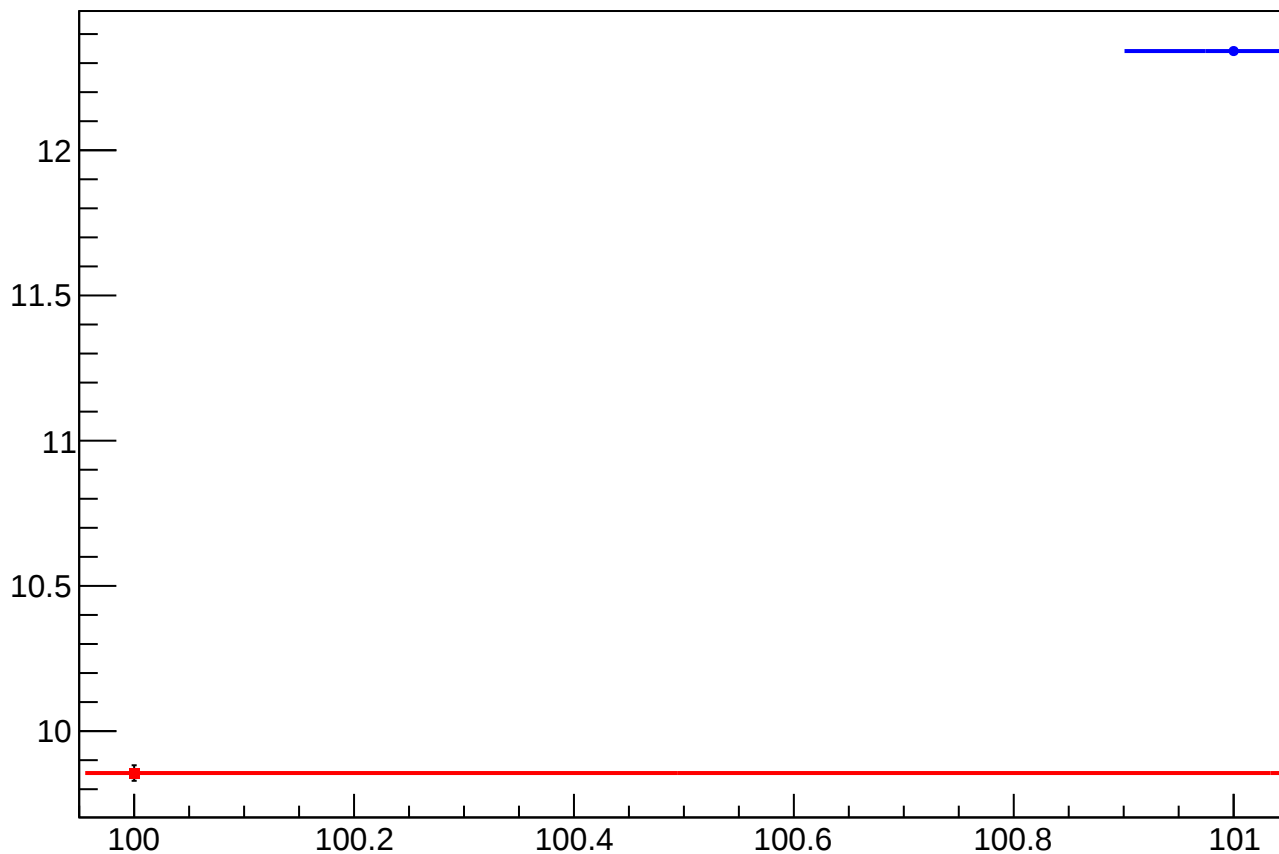
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

1461.665 $\pm$ 0.016 χ^2/NDF : 0.0/0

1390.994 $\pm$ 0.015 χ^2/NDF : 115345697.5/

1018.609 $\pm$ 0.038 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 12.342 $\pm$ 0.012 χ^2 /NDF: 0.0/0

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

Right Out: 9.856 $\pm$ 0.027 χ^2 /NDF: 0.0/0

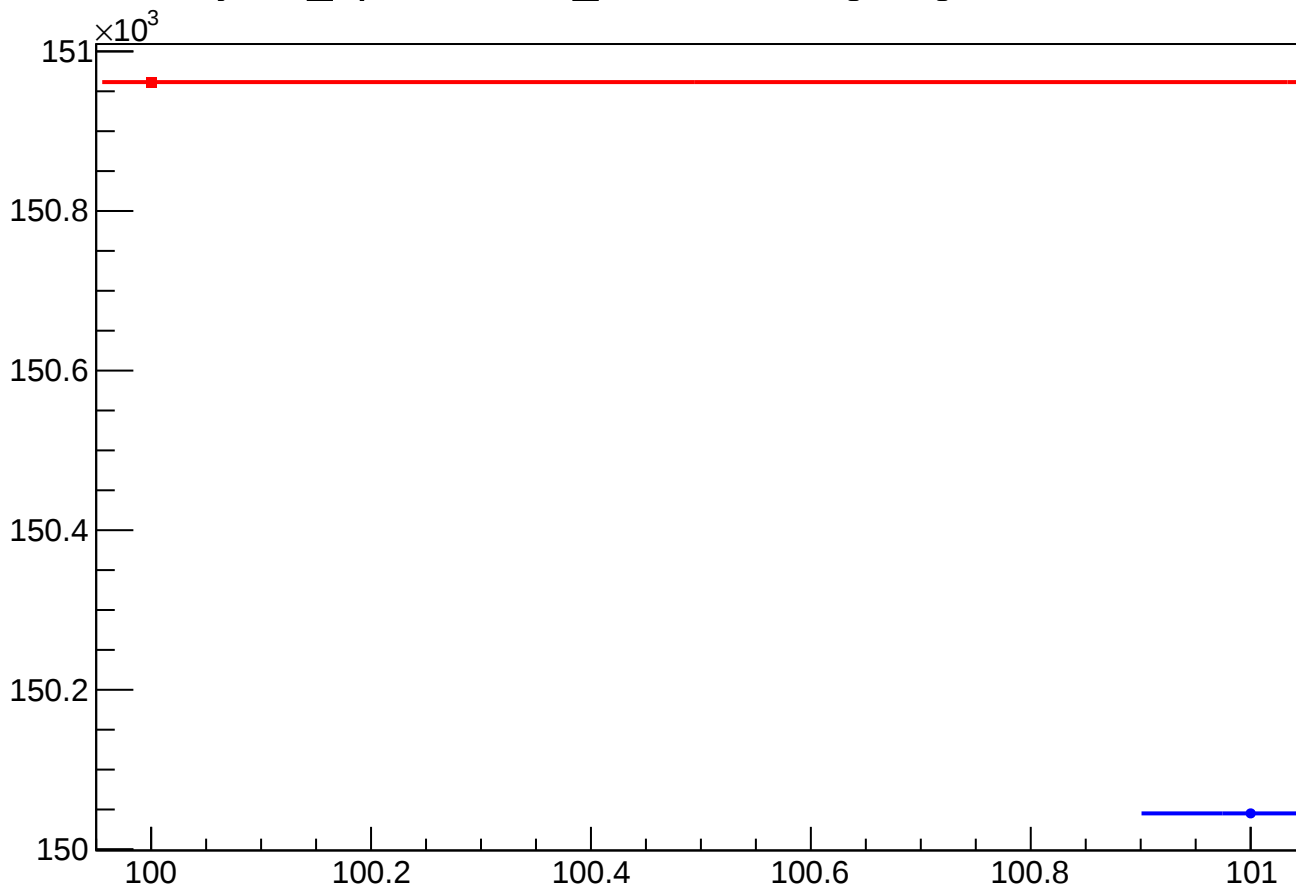
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

12.342 $\pm$ 0.012 χ^2 /NDF: 0.0/0

11.945 $\pm$ 0.011 χ^2 /NDF: 7261.9/1

9.856 $\pm$ 0.027 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150045.113 $\pm$ 0.508 χ^2 /NDF: 0.0/0

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

Right Out: 150961.526 $\pm$ 1.781 χ^2 /NDF: 0.0/0

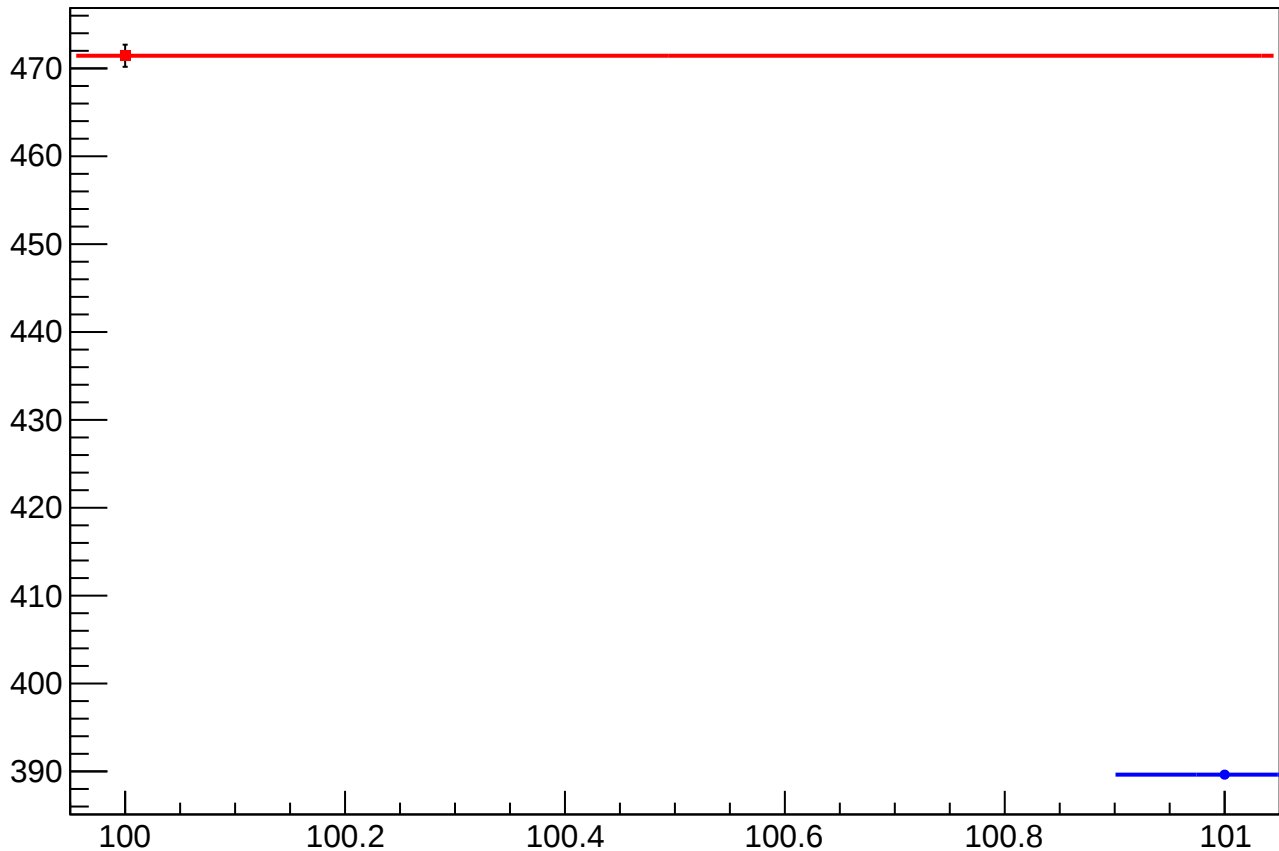
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

150045.113 $\pm$ 0.508 χ^2 /NDF: 0.0/0

150114.123 $\pm$ 0.489 χ^2 /NDF: 244777.4/1

150961.526 $\pm$ 1.781 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 389.630+/-0.359 χ^2/NDF : 0.0/0

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

Right Out: 471.441+/-1.259 χ^2/NDF : 0.0/0

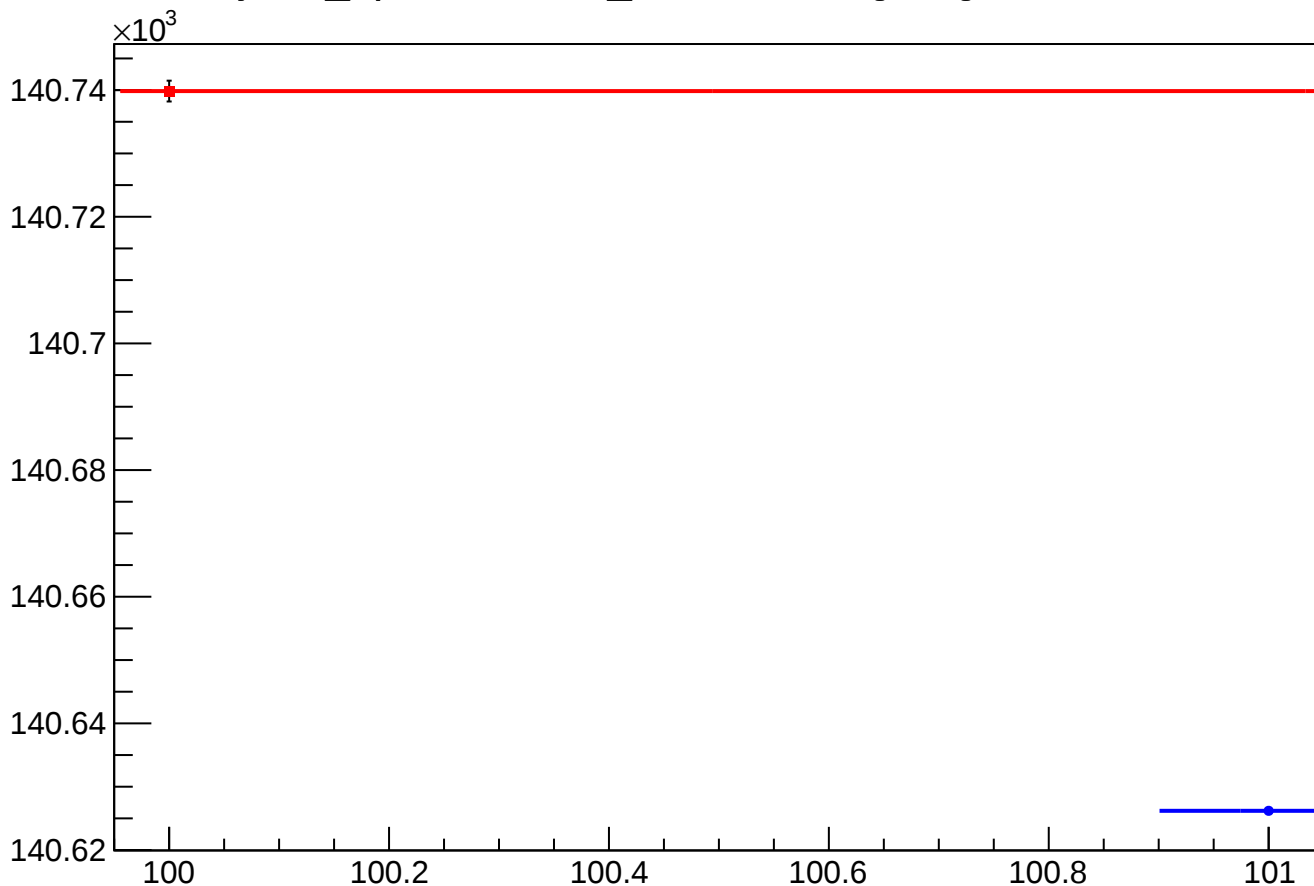
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

389.630+/-0.359 χ^2/NDF : 0.0/0

395.791+/-0.346 χ^2/NDF : 3901.6/1

471.441+/-1.259 χ^2/NDF : 0.0/0

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 140626.192 $\pm$ 0.470 χ^2/NDF : 0.0/0

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

Right Out: 140739.846 $\pm$ 1.644 χ^2/NDF : 0.0/0

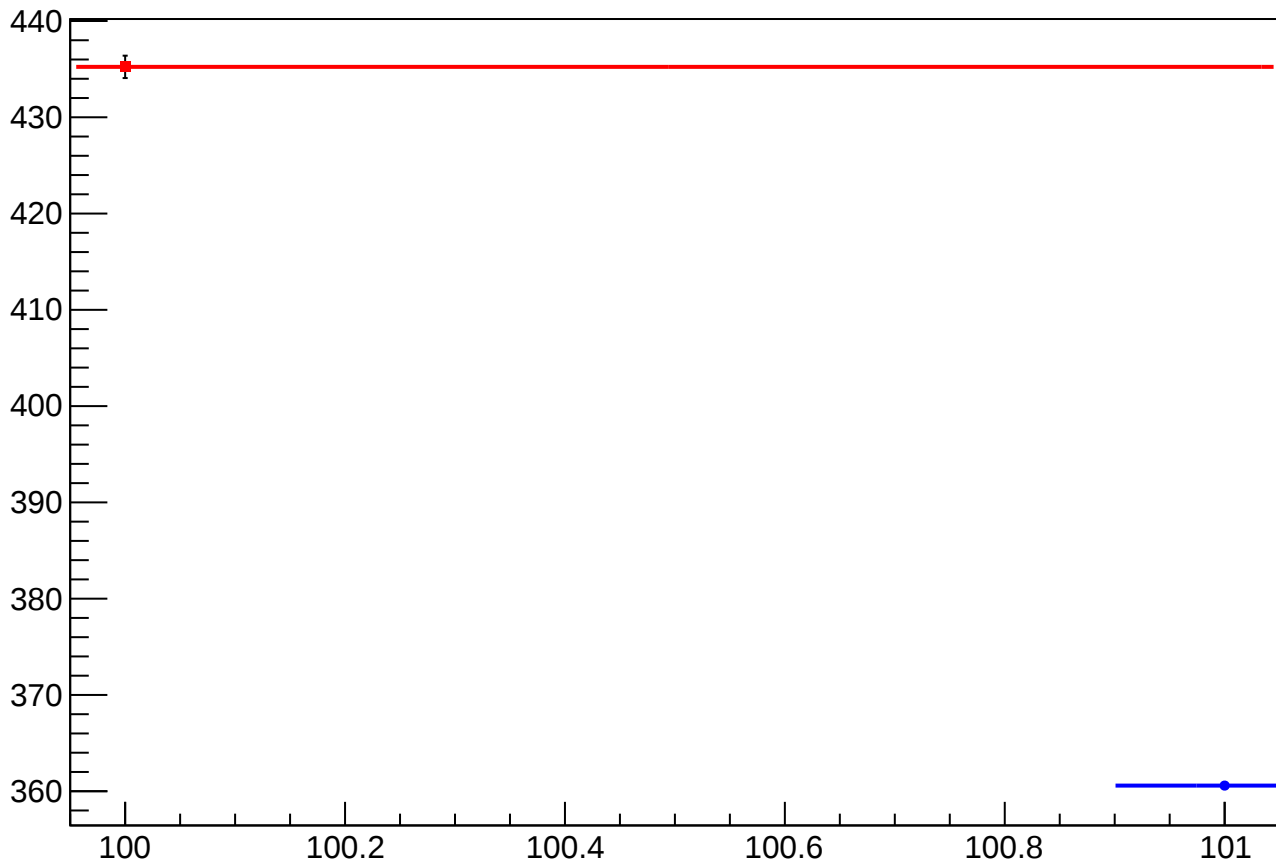
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

140626.192 $\pm$ 0.470 χ^2/NDF : 0.0/0

140634.791 $\pm$ 0.452 χ^2/NDF : 4416.4/1

140739.846 $\pm$ 1.644 χ^2/NDF : 0.0/0

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 360.585 +/- 0.333 χ^2/NDF : 0.0/0

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

Right Out: 435.236 +/- 1.163 χ^2/NDF : 0.0/0

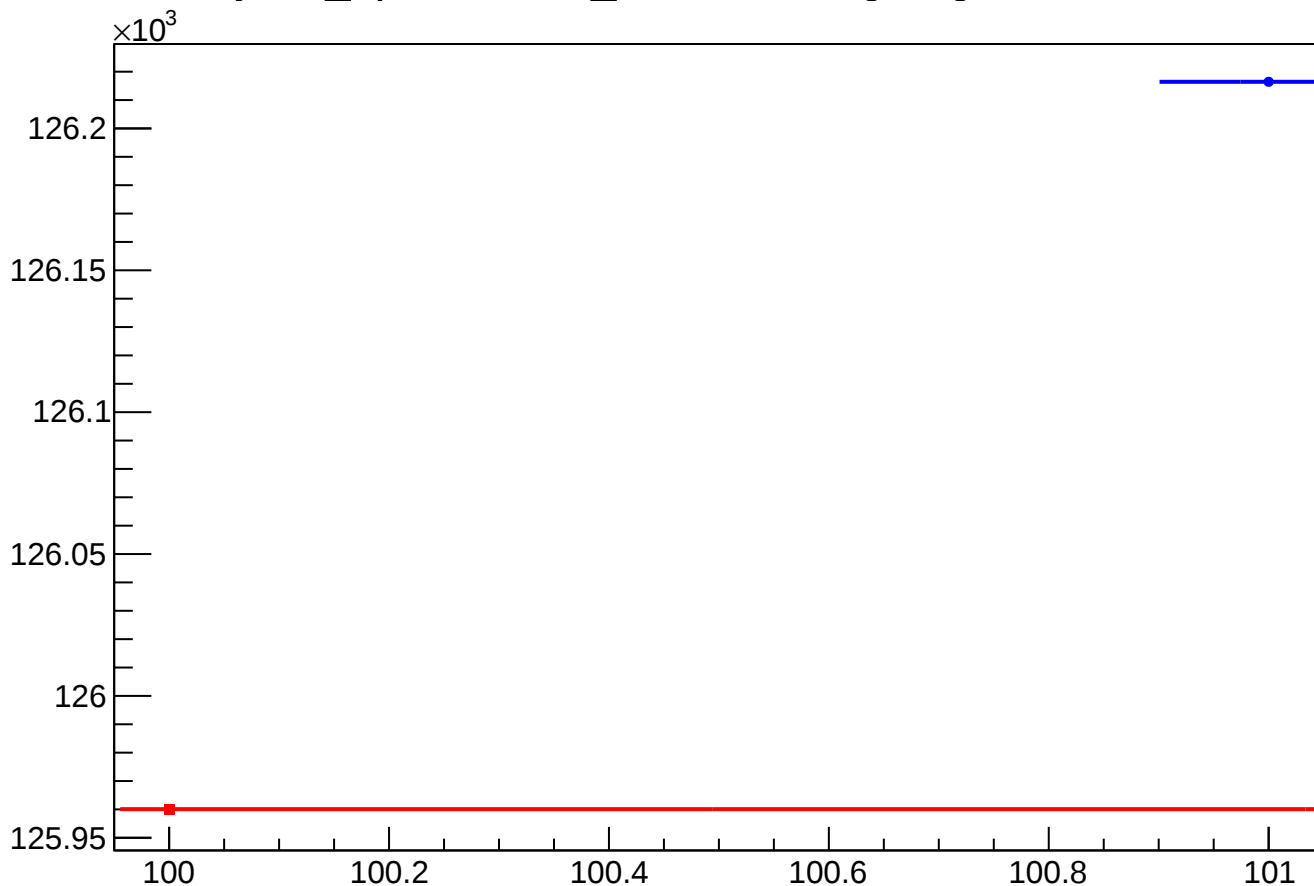
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

360.585 +/- 0.333 χ^2/NDF : 0.0/0

366.233 +/- 0.320 χ^2/NDF : 3810.7/1

435.236 +/- 1.163 χ^2/NDF : 0.0/0

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: 126216.439 $\pm$ 0.397 χ^2/NDF : 0.0/0

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

Right Out: 125960.090 $\pm$ 1.640 χ^2/NDF : 0.0/0

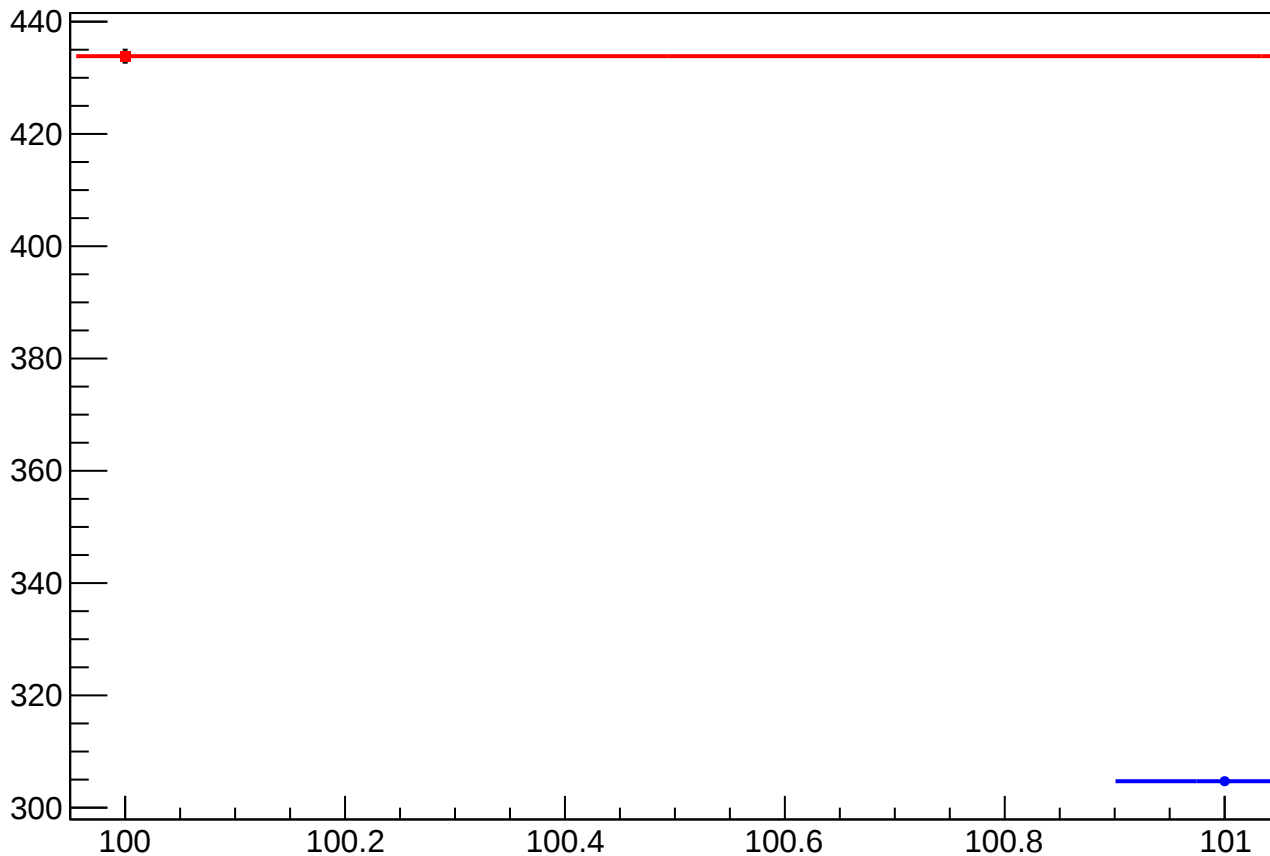
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

126216.439 $\pm$ 0.397 χ^2/NDF : 0.0/0

126202.209 $\pm$ 0.386 χ^2/NDF : 23087.4/1

125960.090 $\pm$ 1.640 χ^2/NDF : 0.0/0

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 304.711 $\pm$ 0.281 χ^2 /NDF: 0.0/0

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

Right Out: 433.850 $\pm$ 1.159 χ^2 /NDF: 0.0/0

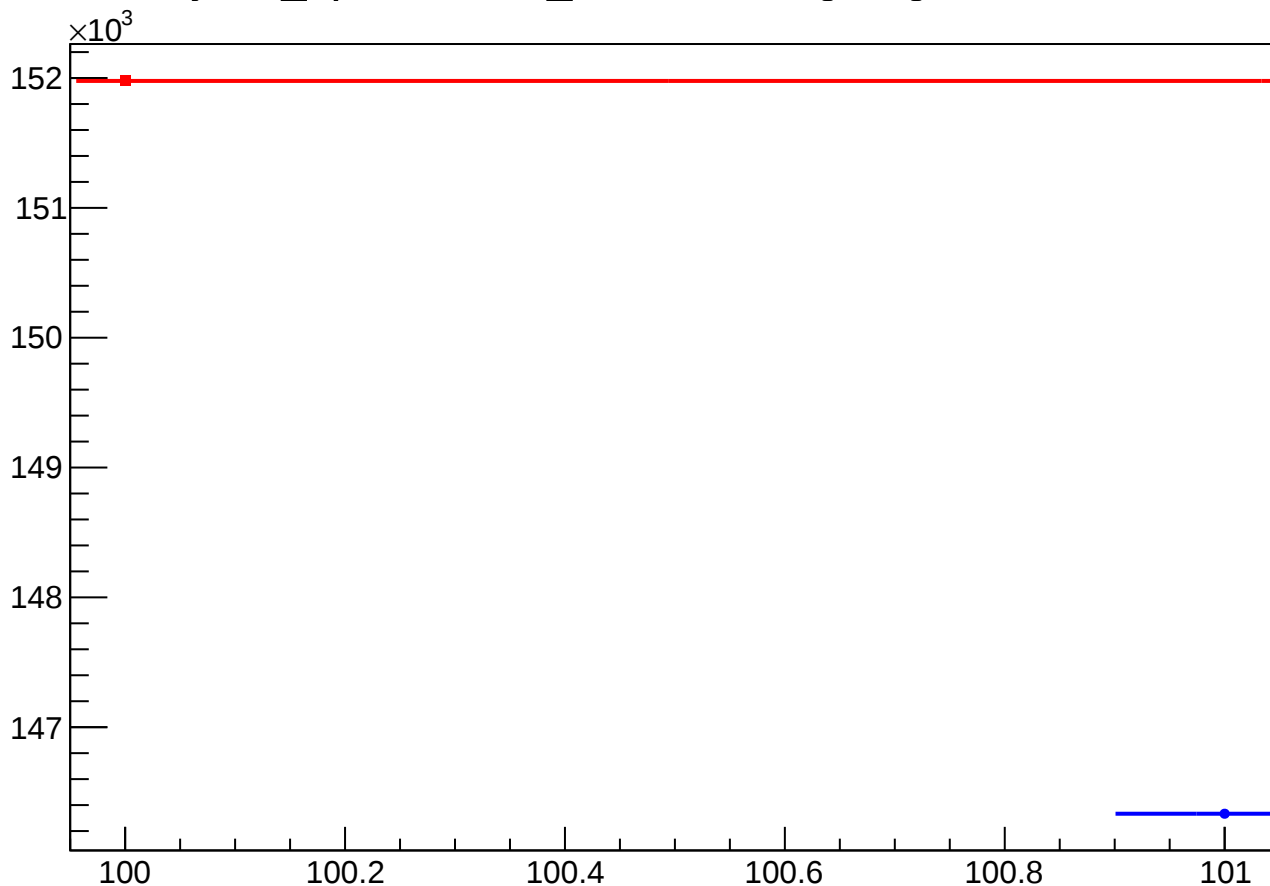
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

304.711 $\pm$ 0.281 χ^2 /NDF: 0.0/0

311.880 $\pm$ 0.273 χ^2 /NDF: 11718.1/1

433.850 $\pm$ 1.159 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: 146333.422+/-0.538 χ^2/NDF : 0.0/0

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

Right Out: 151977.866+/-2.007 χ^2/NDF : 0.0/0

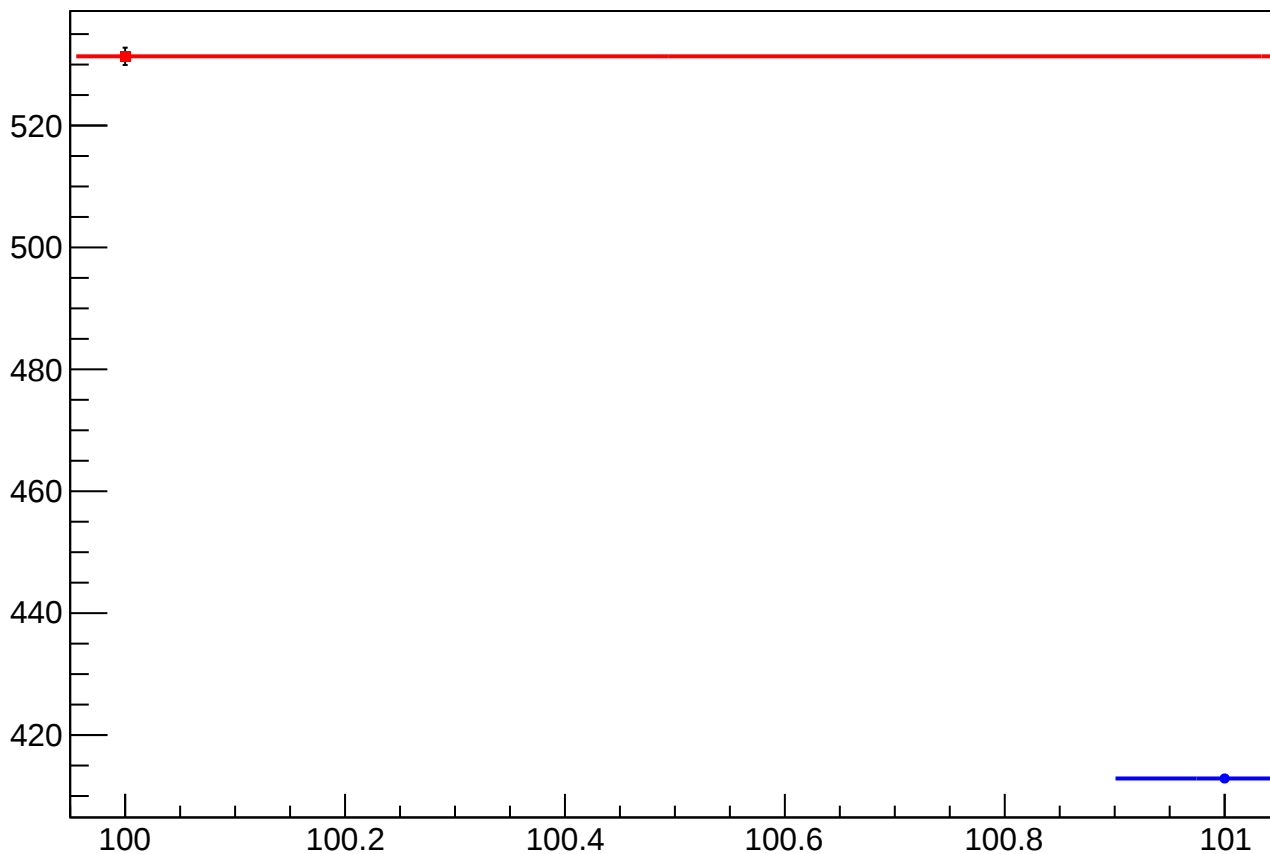
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

146333.422+/-0.538 χ^2/NDF : 0.0/0

146712.313+/-0.520 χ^2/NDF : 7376655.2/

151977.866+/-2.007 χ^2/NDF : 0.0/0

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 412.876 $\pm$ 0.381 χ^2 /NDF: 0.0/0

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

Right Out: 531.353 $\pm$ 1.419 χ^2 /NDF: 0.0/0

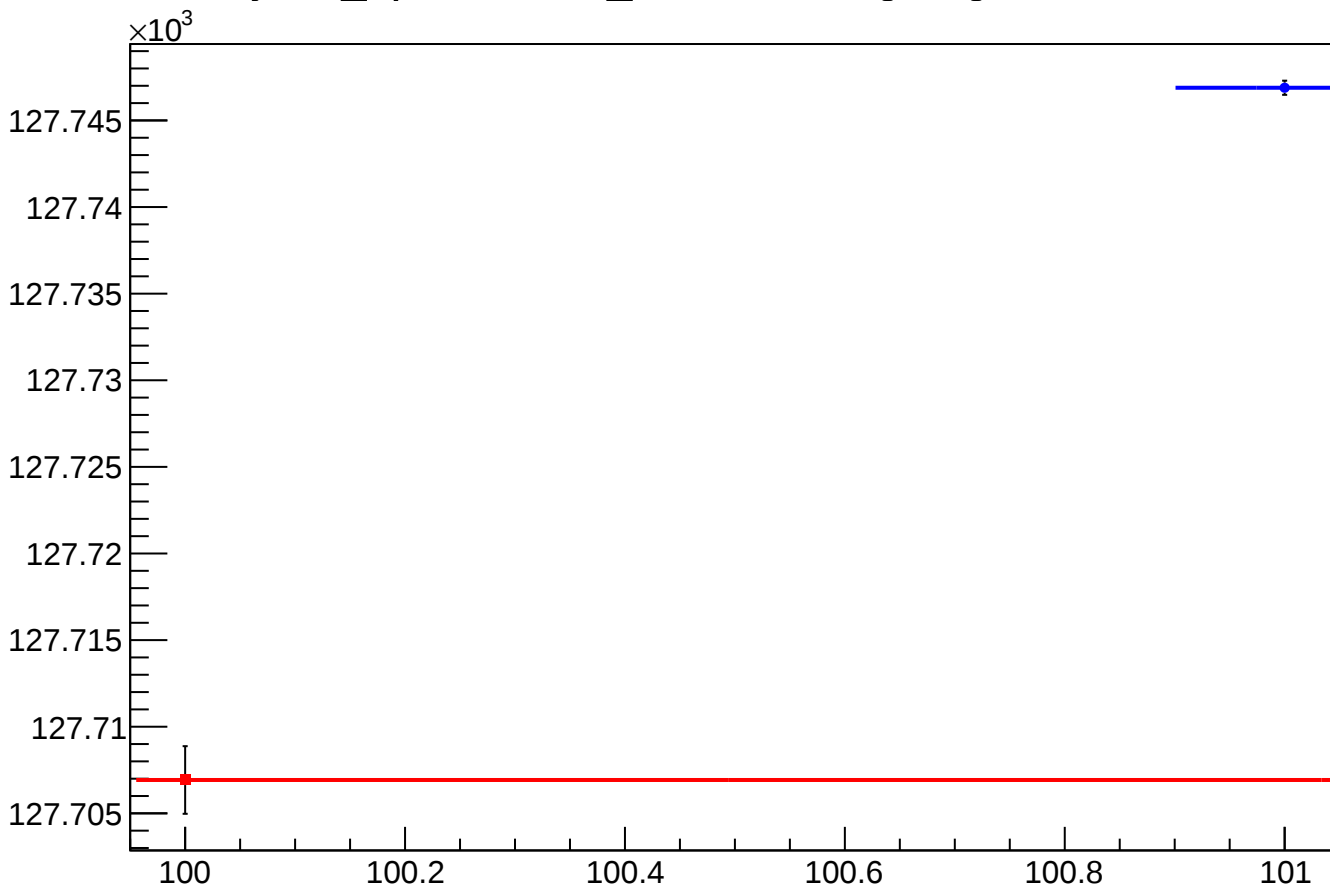
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

412.876 $\pm$ 0.381 χ^2 /NDF: 0.0/0

420.829 $\pm$ 0.368 χ^2 /NDF: 6500.0/1

531.353 $\pm$ 1.419 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 127746.886 $\pm$ 0.409 χ^2/NDF : 0.0/0

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

Right Out: 127706.925 $\pm$ 1.952 χ^2/NDF : 0.0/0

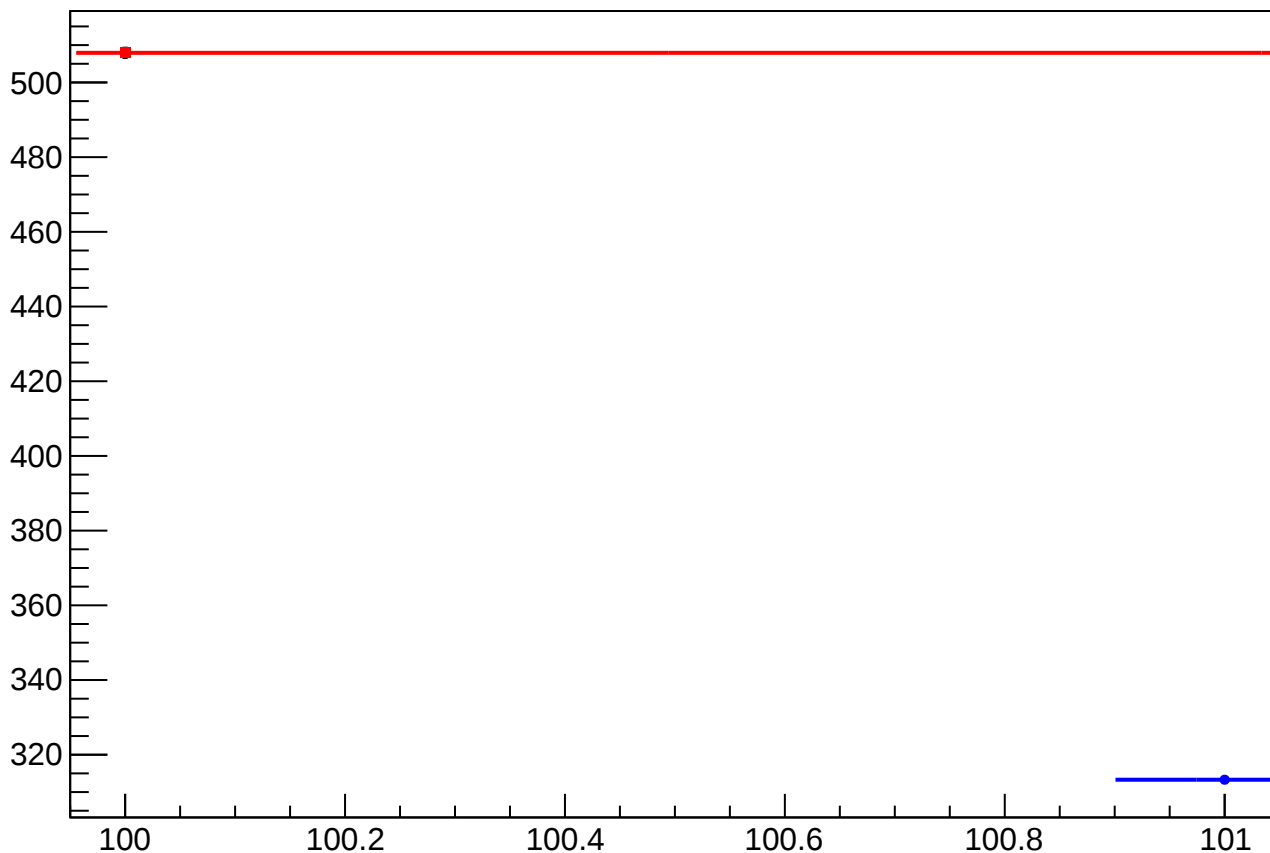
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

127746.886 $\pm$ 0.409 χ^2/NDF : 0.0/0

127745.207 $\pm$ 0.400 χ^2/NDF : 401.5/1

127706.925 $\pm$ 1.952 χ^2/NDF : 0.0/0

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 313.306 $\pm$ 0.289 χ^2 /NDF: 0.0/0

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

Right Out: 507.932 $\pm$ 1.380 χ^2 /NDF: 0.0/0

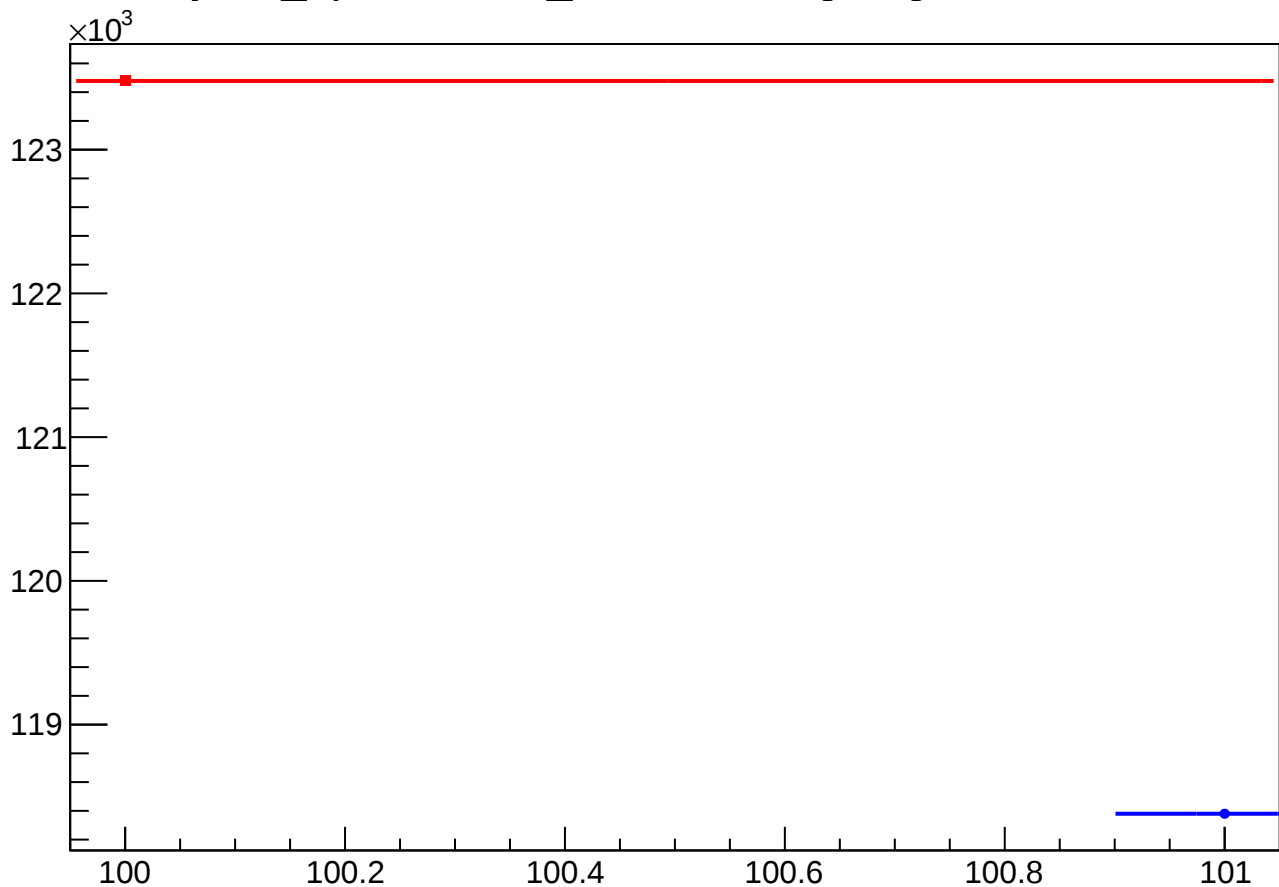
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

313.306 $\pm$ 0.289 χ^2 /NDF: 0.0/0

321.484 $\pm$ 0.283 χ^2 /NDF: 19049.8/1

507.932 $\pm$ 1.380 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 118379.956 $\pm$ 0.433 χ^2 /NDF: 0.0/0

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

Right Out: 123478.100 $\pm$ 1.833 χ^2 /NDF: 0.0/0

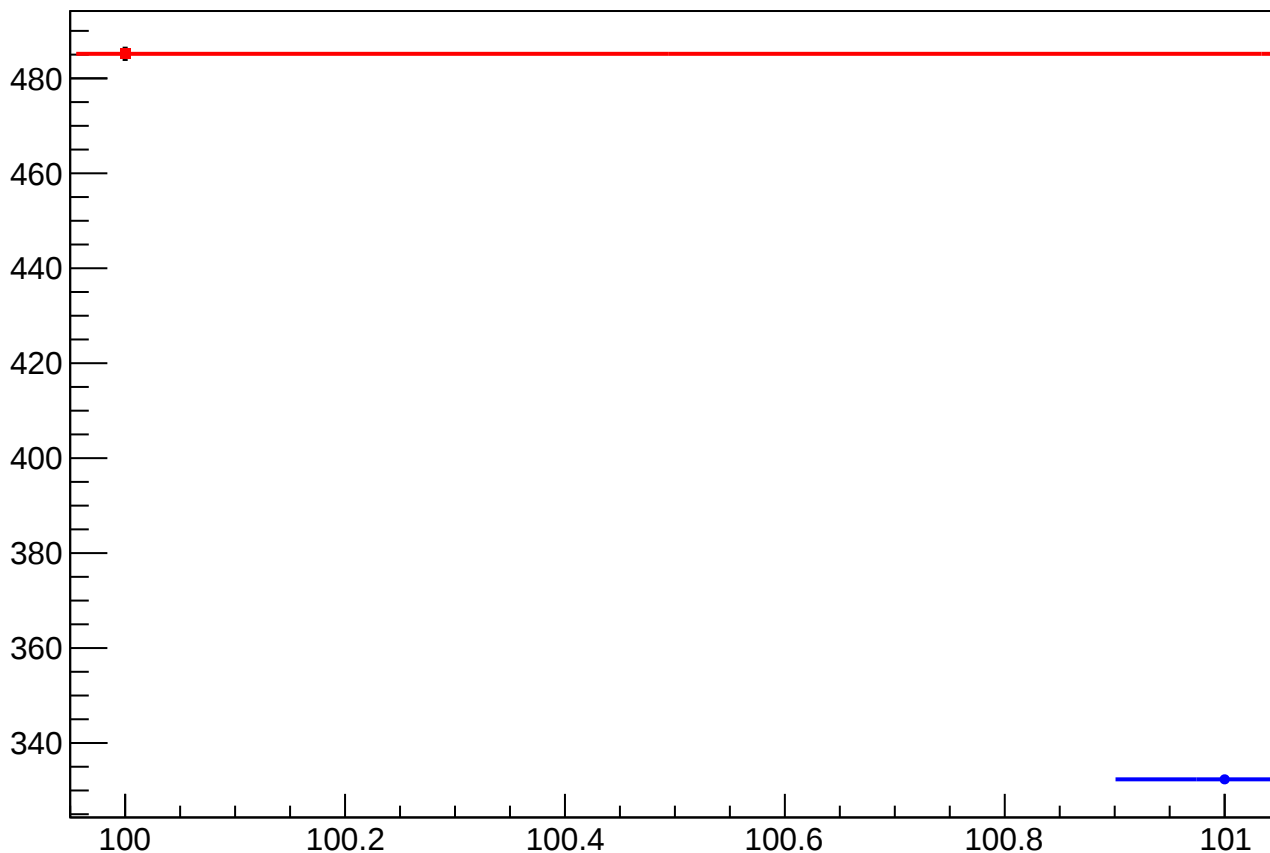
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

118379.956 $\pm$ 0.433 χ^2 /NDF: 0.0/0

118649.910 $\pm$ 0.422 χ^2 /NDF: 7324589.5/

123478.100 $\pm$ 1.833 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 332.345 $\pm$ 0.307 χ^2 /NDF: 0.0/0

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

Right Out: 485.168 $\pm$ 1.296 χ^2 /NDF: 0.0/0

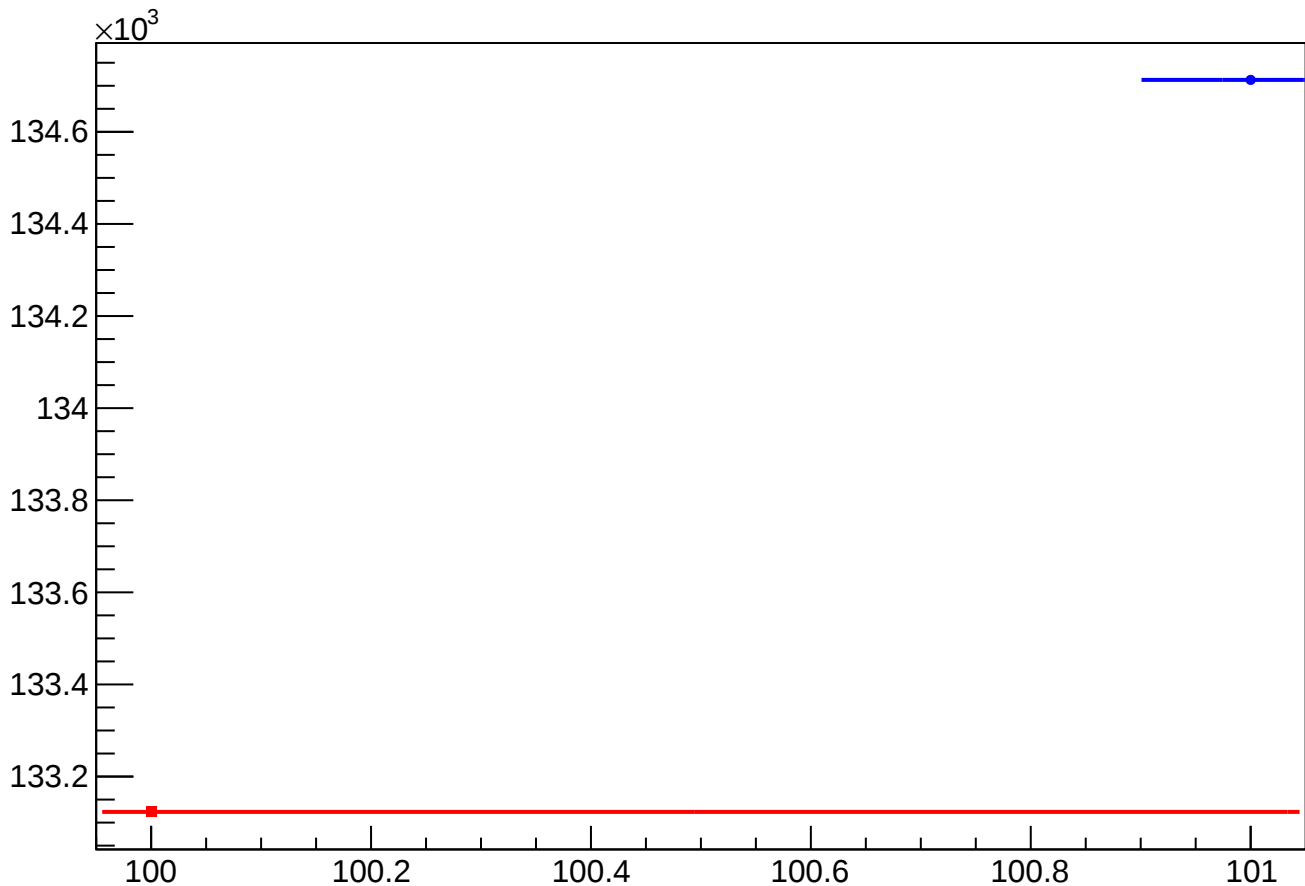
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

332.345 $\pm$ 0.307 χ^2 /NDF: 0.0/0

340.437 $\pm$ 0.298 χ^2 /NDF: 13163.3/1

485.168 $\pm$ 1.296 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: 134712.811 $\pm$ 0.474 χ^2 /NDF: 0.0/0

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

Right Out: 133123.234 $\pm$ 1.944 χ^2 /NDF: 0.0/0

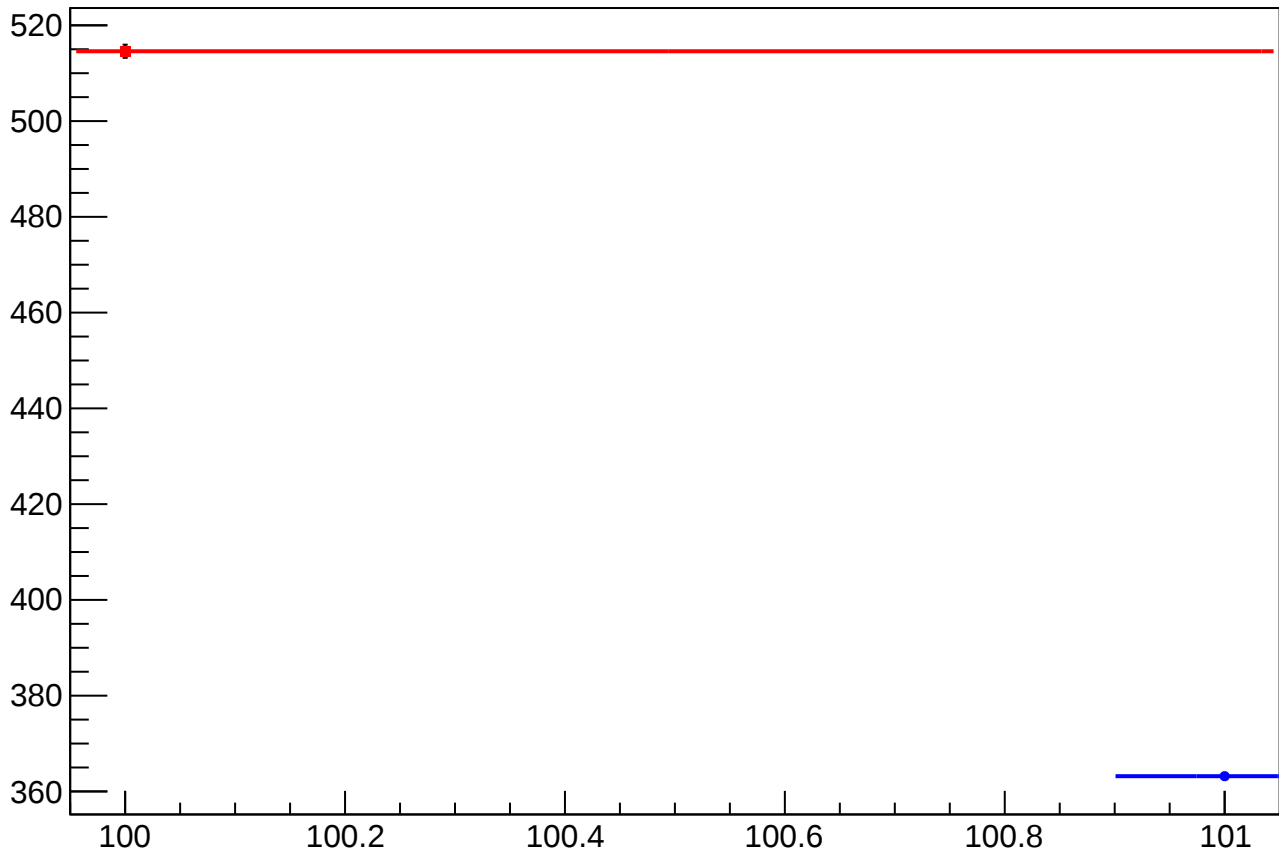
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

134712.811 $\pm$ 0.474 χ^2 /NDF: 0.0/0

134623.688 $\pm$ 0.460 χ^2 /NDF: 631230.3/1

133123.234 $\pm$ 1.944 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 363.182 $\pm$ 0.335 χ^2 /NDF: 0.0/0

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

Right Out: 514.583 $\pm$ 1.374 χ^2 /NDF: 0.0/0

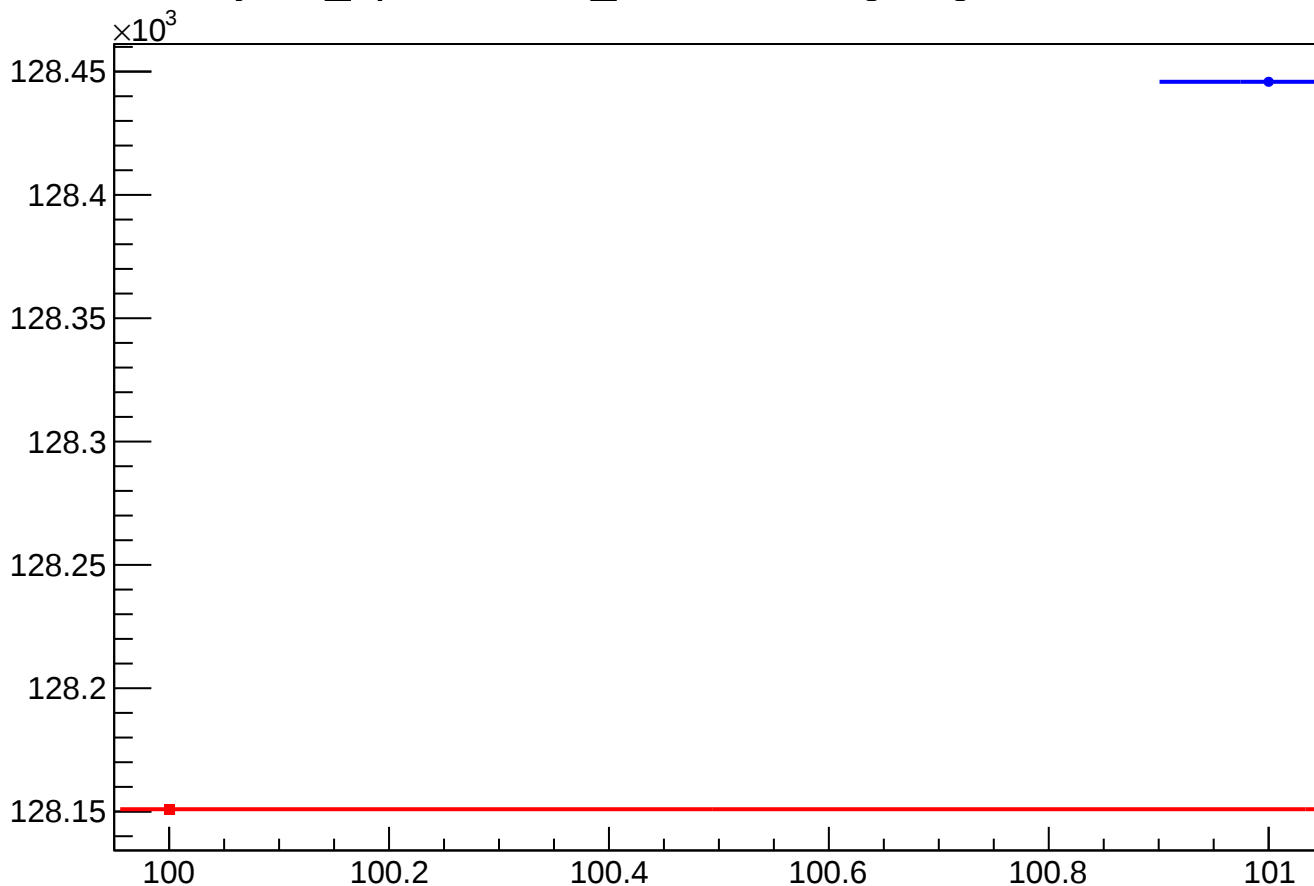
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

363.182 $\pm$ 0.335 χ^2 /NDF: 0.0/0

371.671 $\pm$ 0.325 χ^2 /NDF: 11452.8/1

514.583 $\pm$ 1.374 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 128445.858±/0.454 χ^2/NDF : 0.0/0

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

Right Out: 128150.941±/1.852 χ^2/NDF : 0.0/0

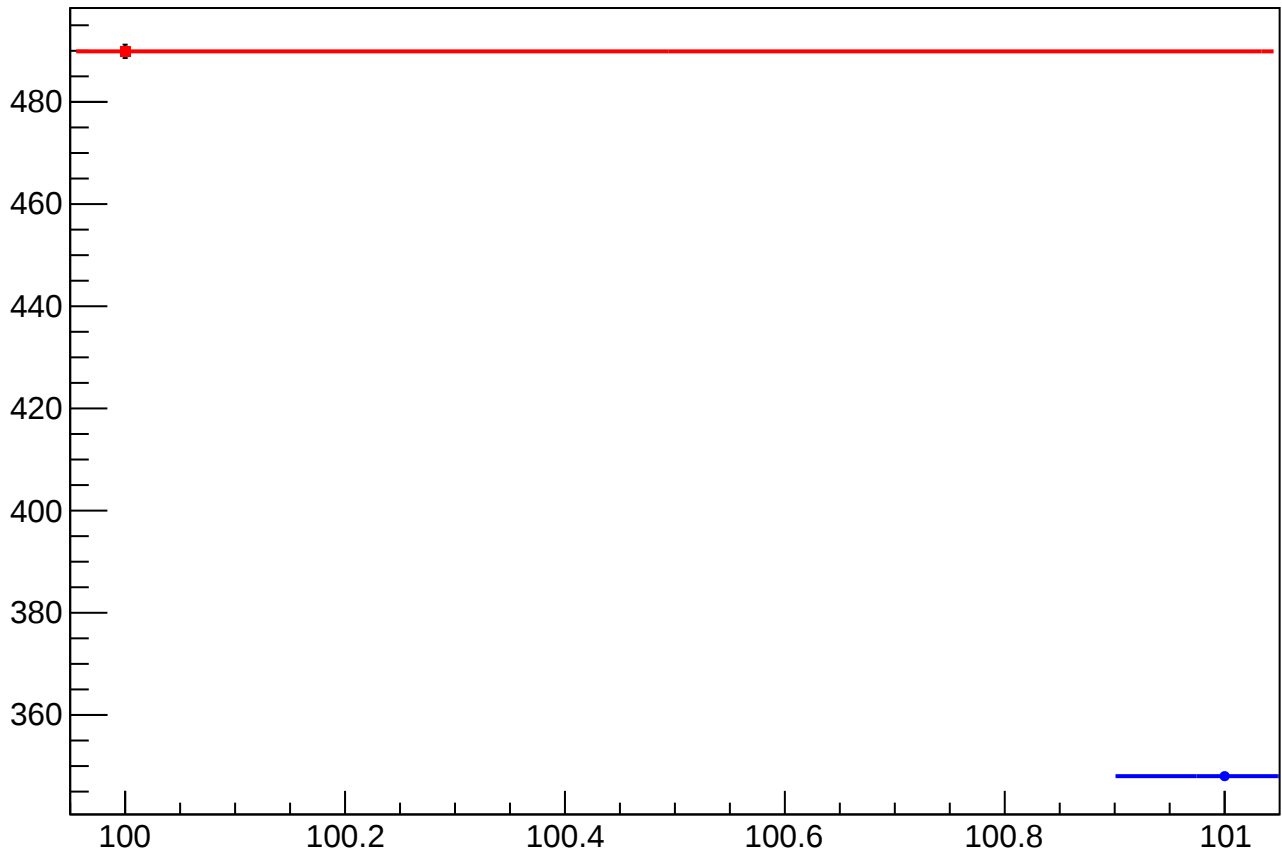
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

128445.858±/0.454 χ^2/NDF : 0.0/0

128429.134±/0.441 χ^2/NDF : 23931.9/1

128150.941±/1.852 χ^2/NDF : 0.0/0

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 348.023+/-0.321 χ^2/NDF : 0.0/0

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

Right Out: 489.893+/-1.309 χ^2/NDF : 0.0/0

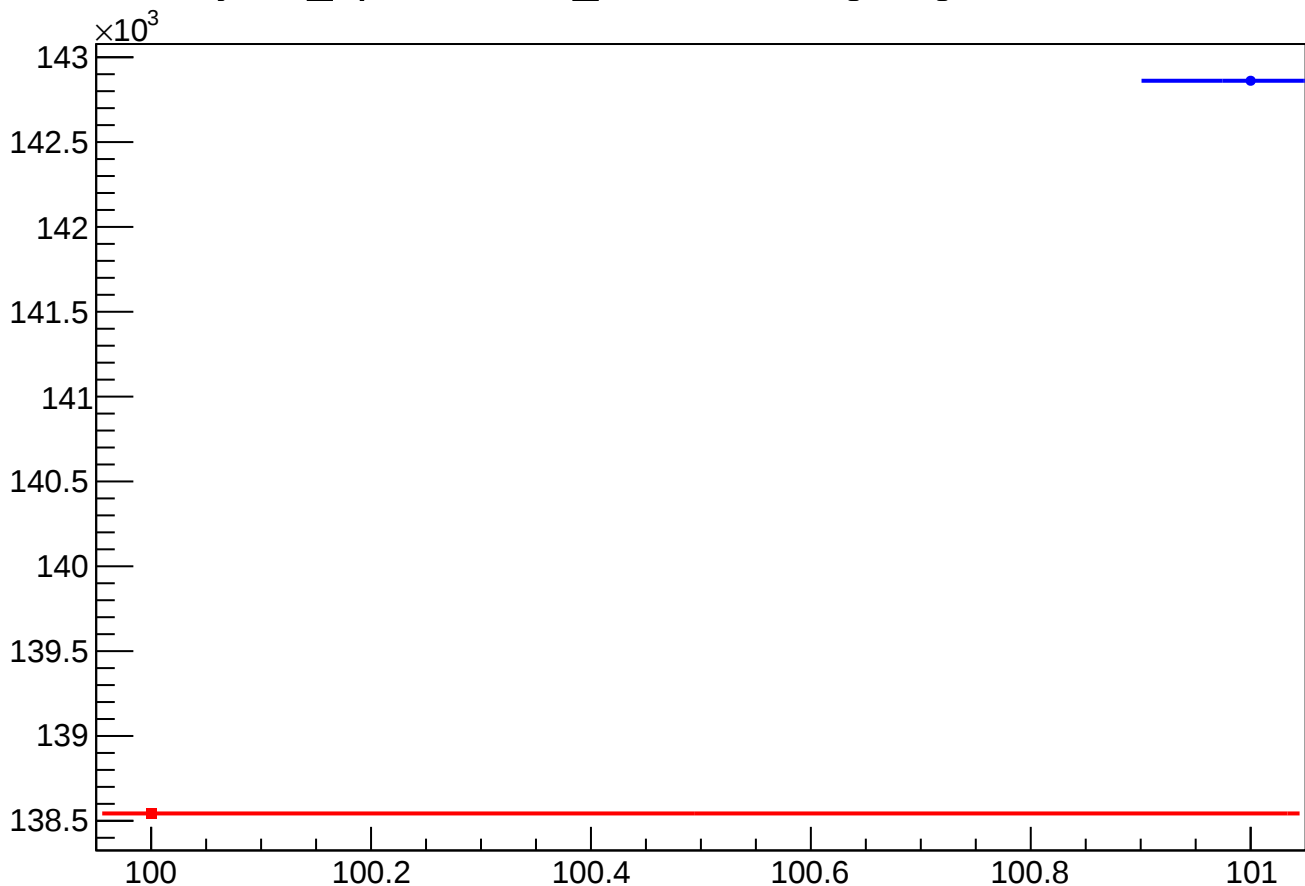
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

348.023+/-0.321 χ^2/NDF : 0.0/0

356.068+/-0.312 χ^2/NDF : 11076.2/1

489.893+/-1.309 χ^2/NDF : 0.0/0

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: 142861.379 $\pm$ 0.520 χ^2/NDF : 0.0/0

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

Right Out: 138543.427 $\pm$ 2.054 χ^2/NDF : 0.0/0

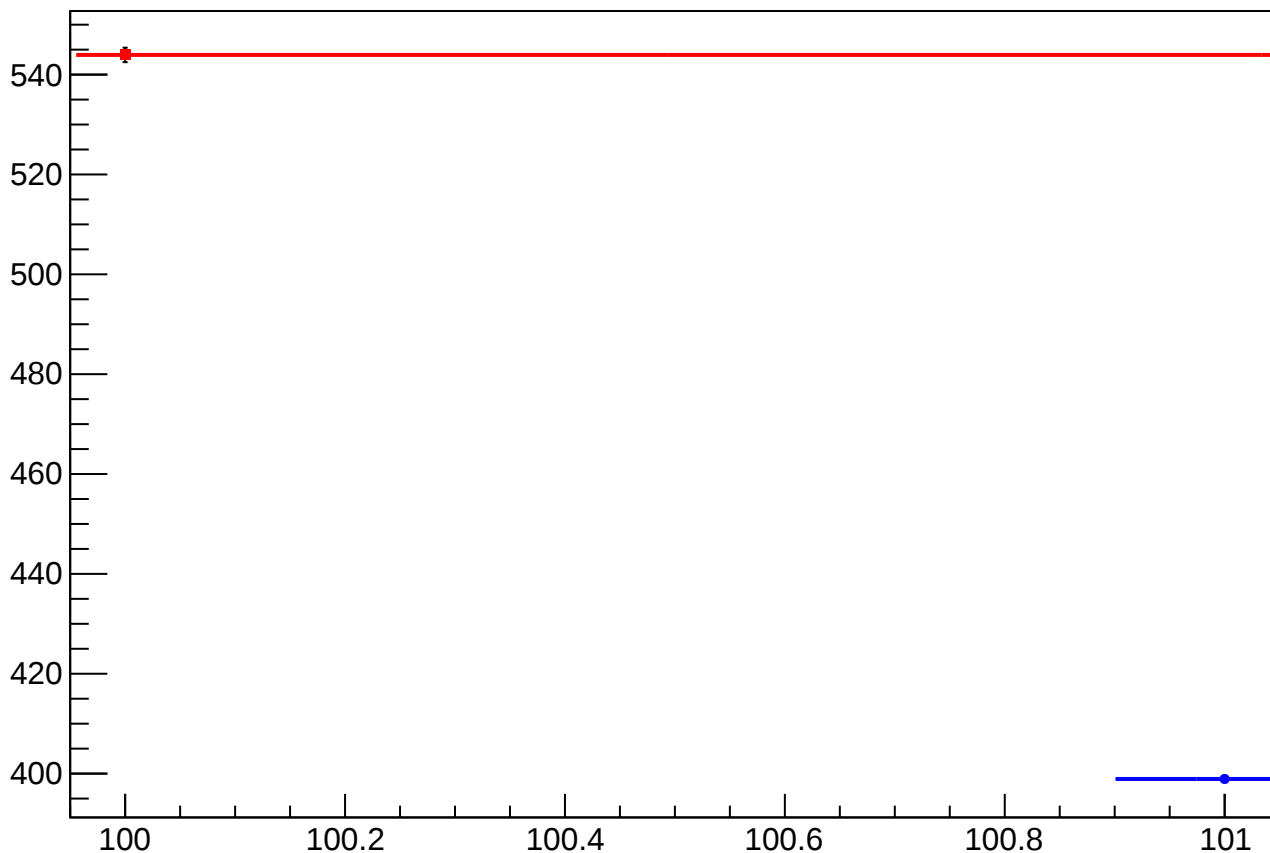
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

142861.379 $\pm$ 0.520 χ^2/NDF : 0.0/0

142600.926 $\pm$ 0.505 χ^2/NDF : 4151476.8/

138543.427 $\pm$ 2.054 χ^2/NDF : 0.0/0

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 398.926 $\pm$ 0.368 χ^2 /NDF: 0.0/0

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

Right Out: 543.943 $\pm$ 1.453 χ^2 /NDF: 0.0/0

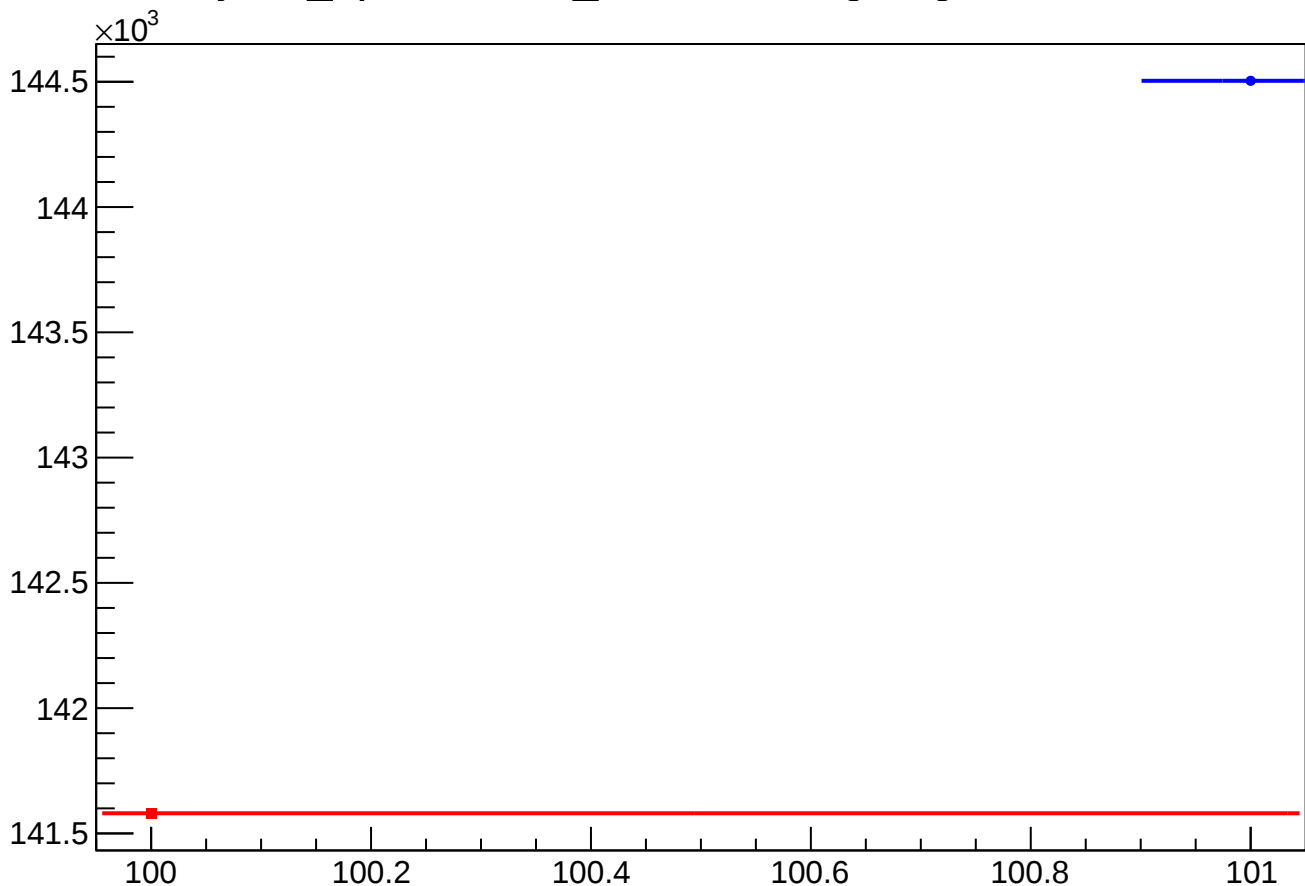
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

398.926 $\pm$ 0.368 χ^2 /NDF: 0.0/0

407.673 $\pm$ 0.357 χ^2 /NDF: 9365.1/1

543.943 $\pm$ 1.453 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: 144503.897 $\pm$ 0.513 χ^2 /NDF: 0.0/0

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

Right Out: 141580.433 $\pm$ 2.074 χ^2 /NDF: 0.0/0

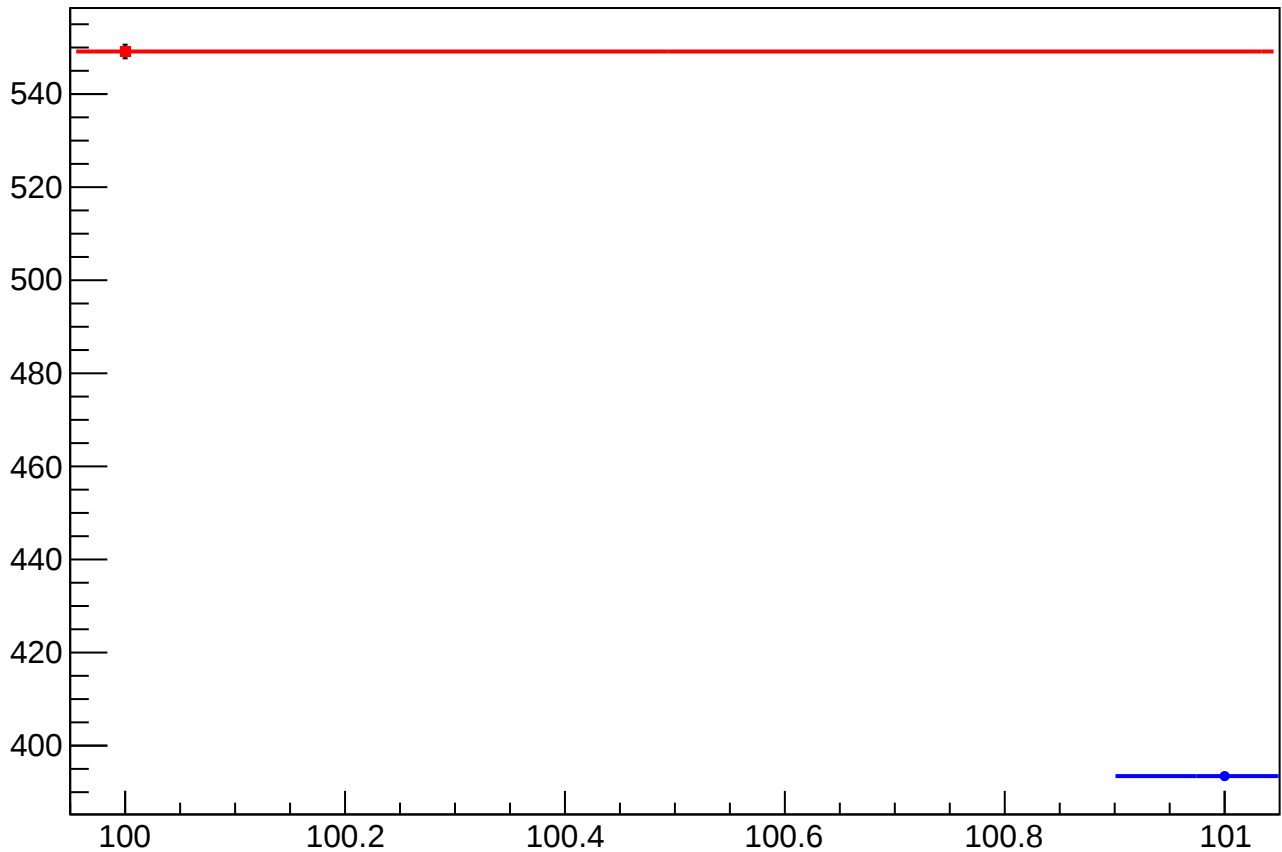
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

144503.897 $\pm$ 0.513 χ^2 /NDF: 0.0/0

144335.223 $\pm$ 0.498 χ^2 /NDF: 1872228.8/

141580.433 $\pm$ 2.074 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 393.451+/-0.363 χ^2/NDF : 0.0/0

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

Right Out: 549.148+/-1.467 χ^2/NDF : 0.0/0

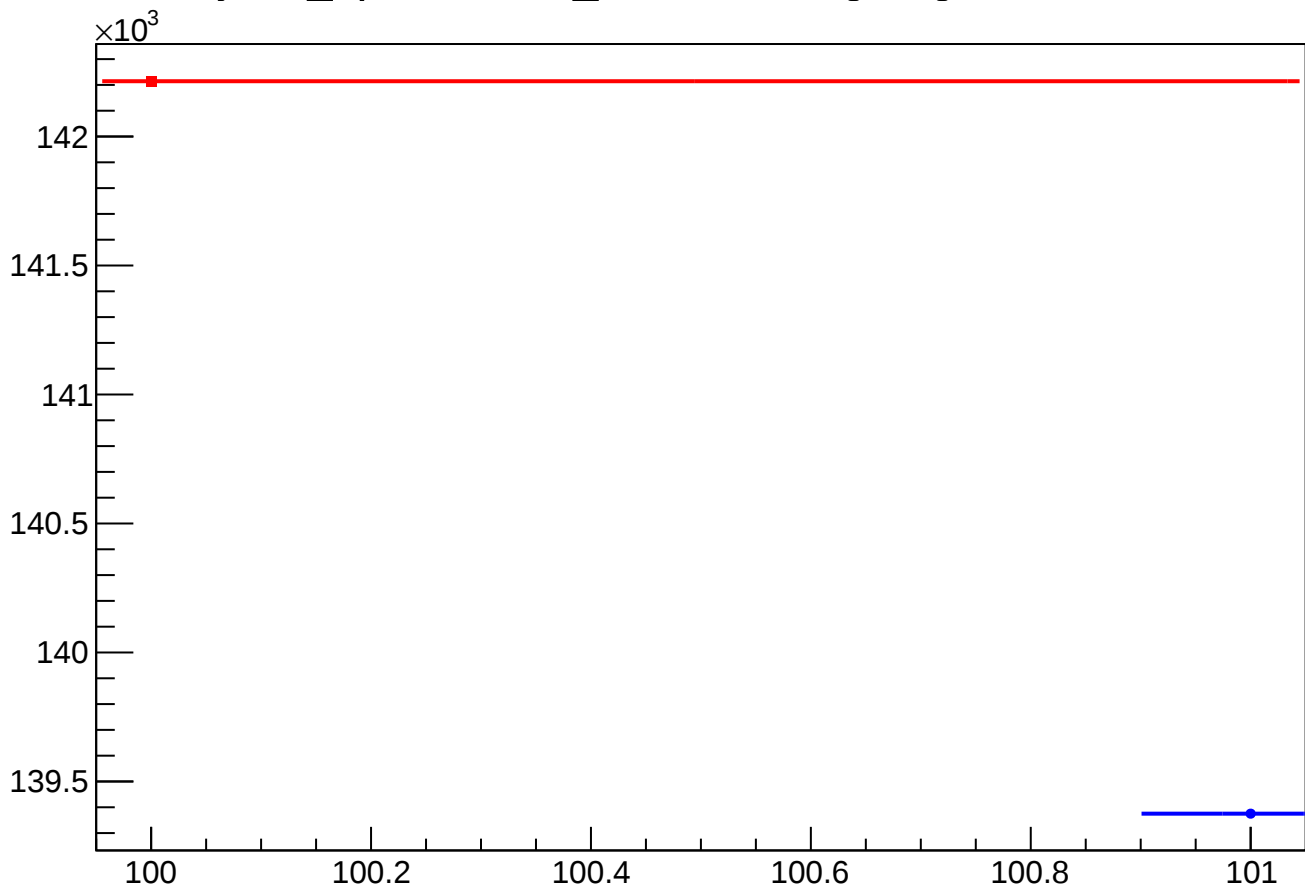
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

393.451+/-0.363 χ^2/NDF : 0.0/0

402.434+/-0.352 χ^2/NDF : 10620.7/1

549.148+/-1.467 χ^2/NDF : 0.0/0

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 139375.220 ± 0.510 $\chi^2/\text{NDF}: 0.0/0$

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

Right Out: 142214.337 ± 2.132 $\chi^2/\text{NDF}: 0.0/0$

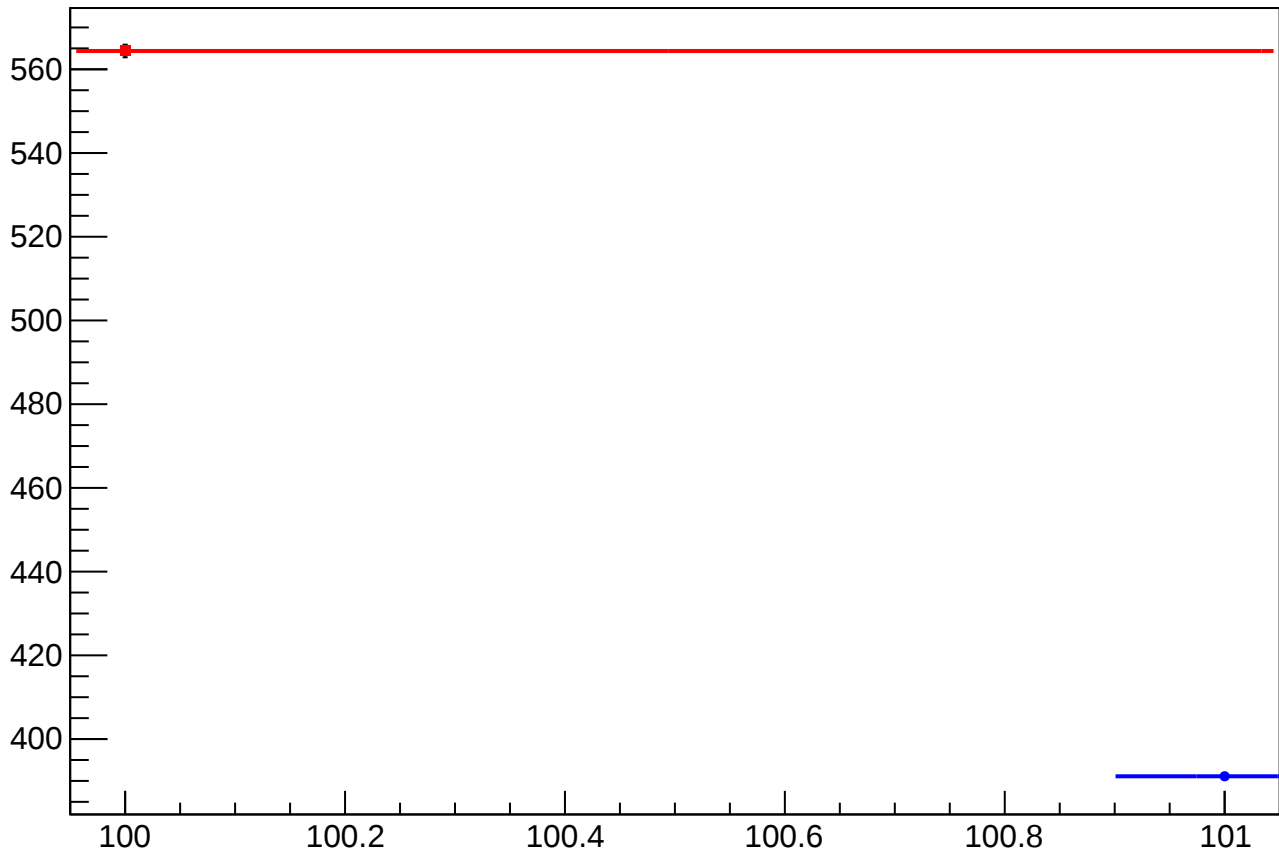
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

139375.220 ± 0.510 $\chi^2/\text{NDF}: 0.0/0$

139529.101 ± 0.496 $\chi^2/\text{NDF}: 1677216.3/0$

142214.337 ± 2.132 $\chi^2/\text{NDF}: 0.0/0$

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 391.106 $\pm$ 0.361 χ^2 /NDF: 0.0/0

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

Right Out: 564.377 $\pm$ 1.508 χ^2 /NDF: 0.0/0

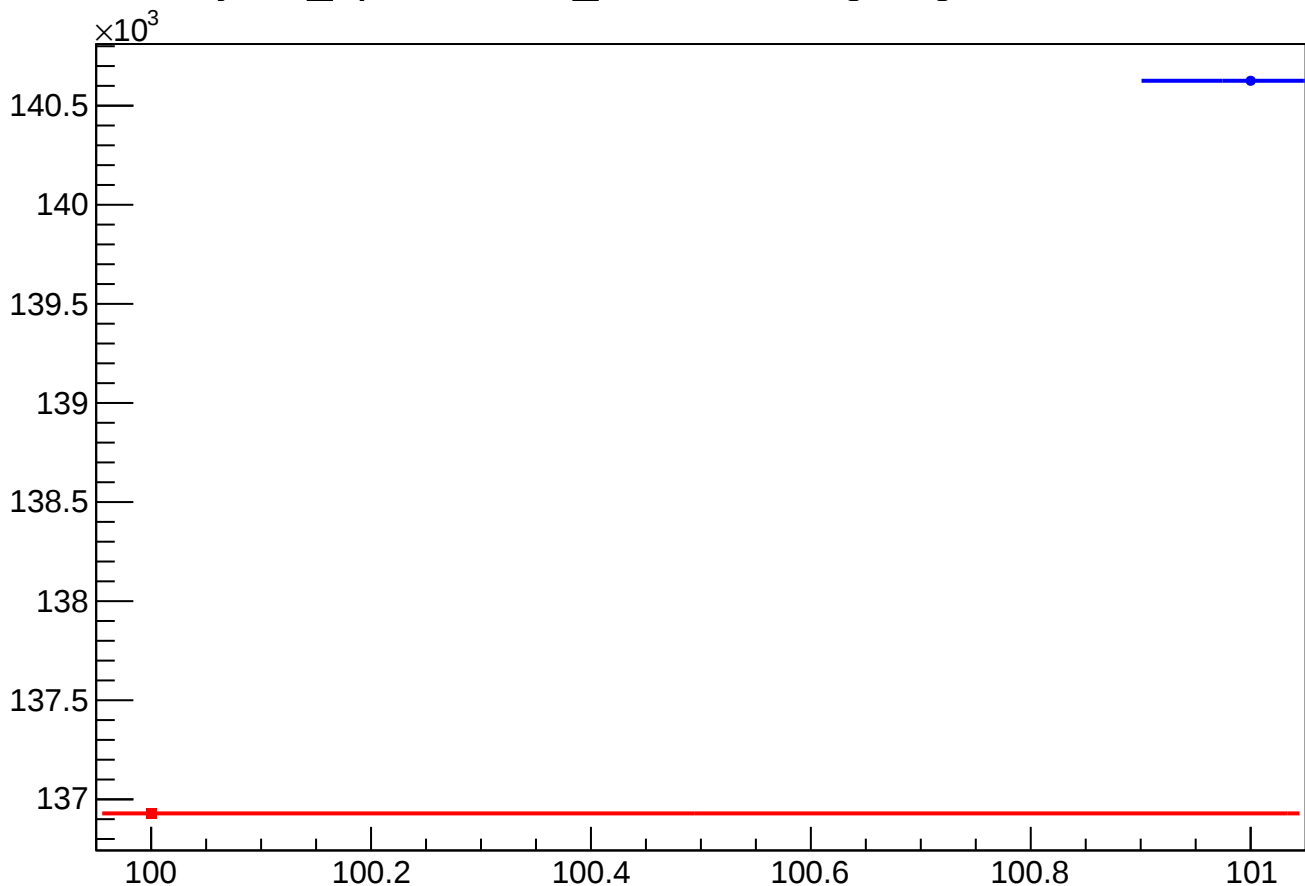
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

391.106 $\pm$ 0.361 χ^2 /NDF: 0.0/0

400.498 $\pm$ 0.351 χ^2 /NDF: 12494.0/1

564.377 $\pm$ 1.508 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: 140625.687 $\pm$ 0.511 χ^2 /NDF: 0.0/0

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

Right Out: 136929.114 $\pm$ 2.017 χ^2 /NDF: 0.0/0

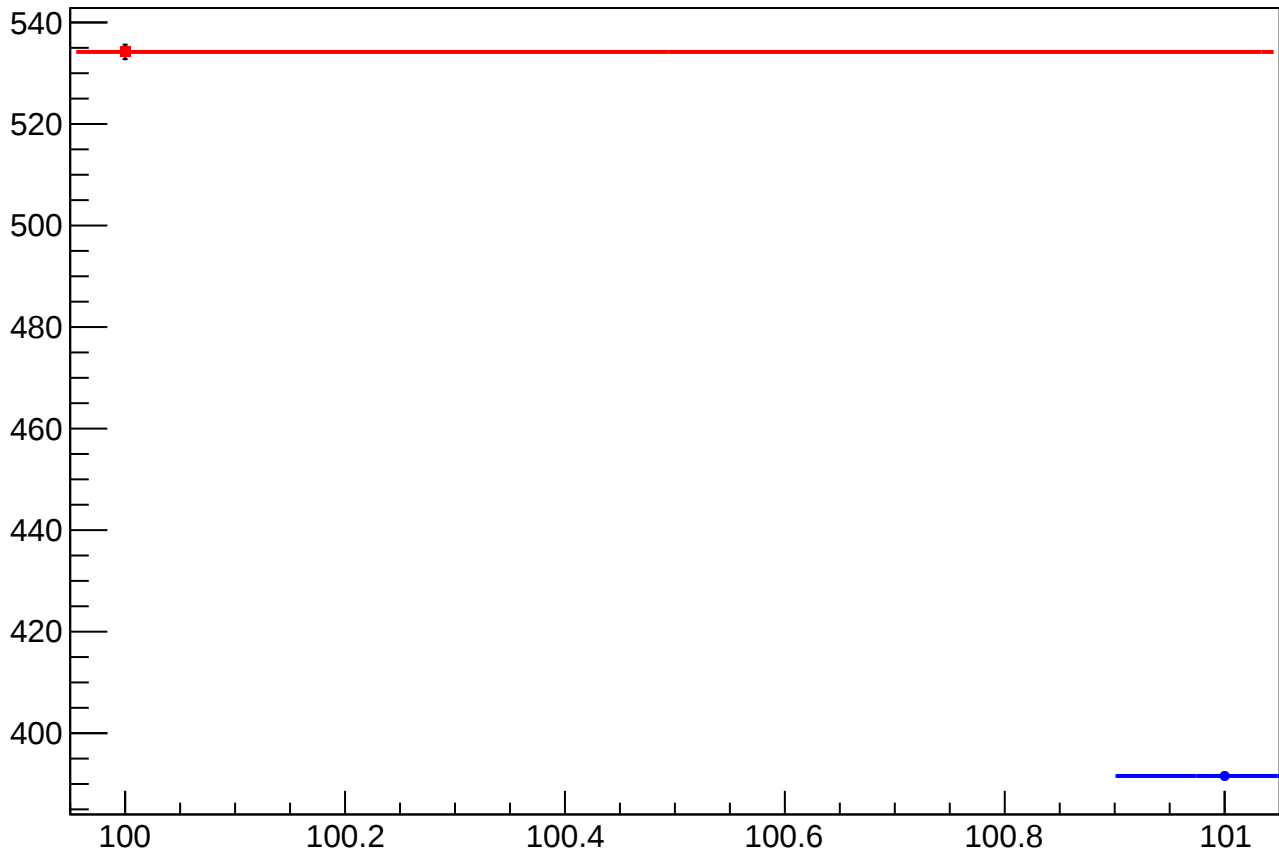
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

140625.687 $\pm$ 0.511 χ^2 /NDF: 0.0/0

140402.881 $\pm$ 0.495 χ^2 /NDF: 3154999.7/

136929.114 $\pm$ 2.017 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 391.577 $\pm$ 0.361 χ^2 /NDF: 0.0/0

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

Right Out: 534.196 $\pm$ 1.427 χ^2 /NDF: 0.0/0

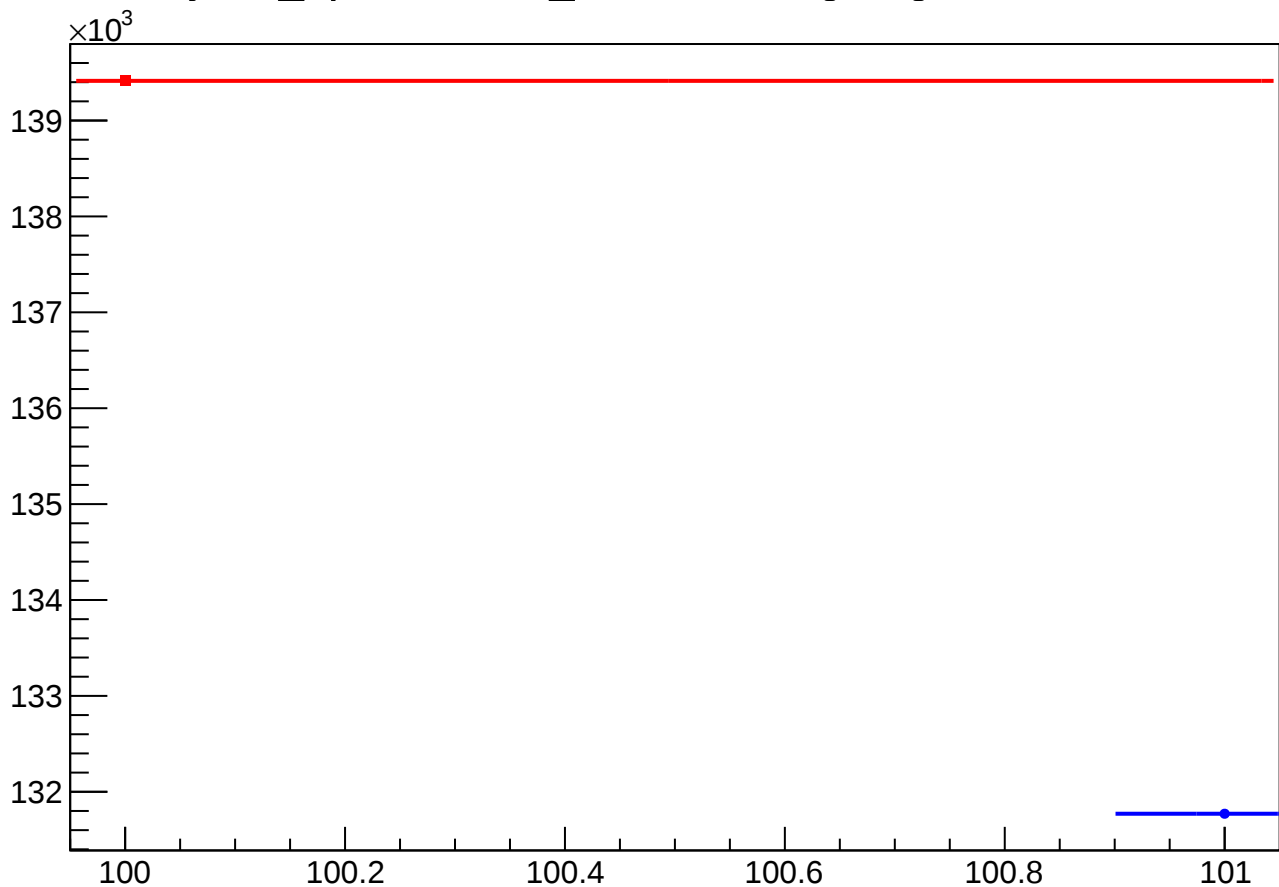
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

391.577 $\pm$ 0.361 χ^2 /NDF: 0.0/0

400.173 $\pm$ 0.350 χ^2 /NDF: 9392.7/1

534.196 $\pm$ 1.427 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 131771.056 $\pm$ 0.607 χ^2 /NDF: 0.0/0

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

Right Out: 139413.683 $\pm$ 1.975 χ^2 /NDF: 0.0/0

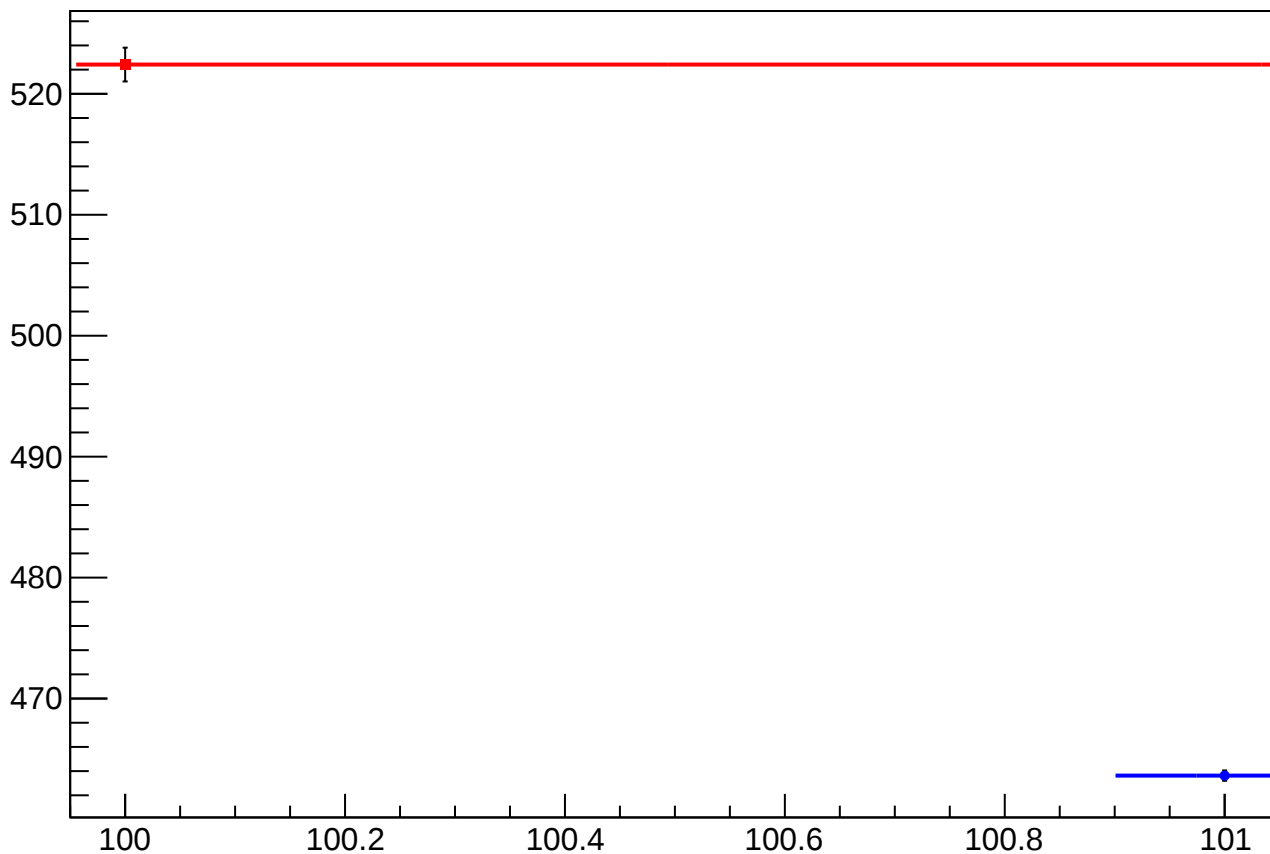
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

131771.056 $\pm$ 0.607 χ^2 /NDF: 0.0/0

132429.900 $\pm$ 0.580 χ^2 /NDF: 13688525.2

139413.683 $\pm$ 1.975 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 463.629+/-0.429 χ^2/NDF : 0.0/0

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

Right Out: 522.420+/-1.396 χ^2/NDF : 0.0/0

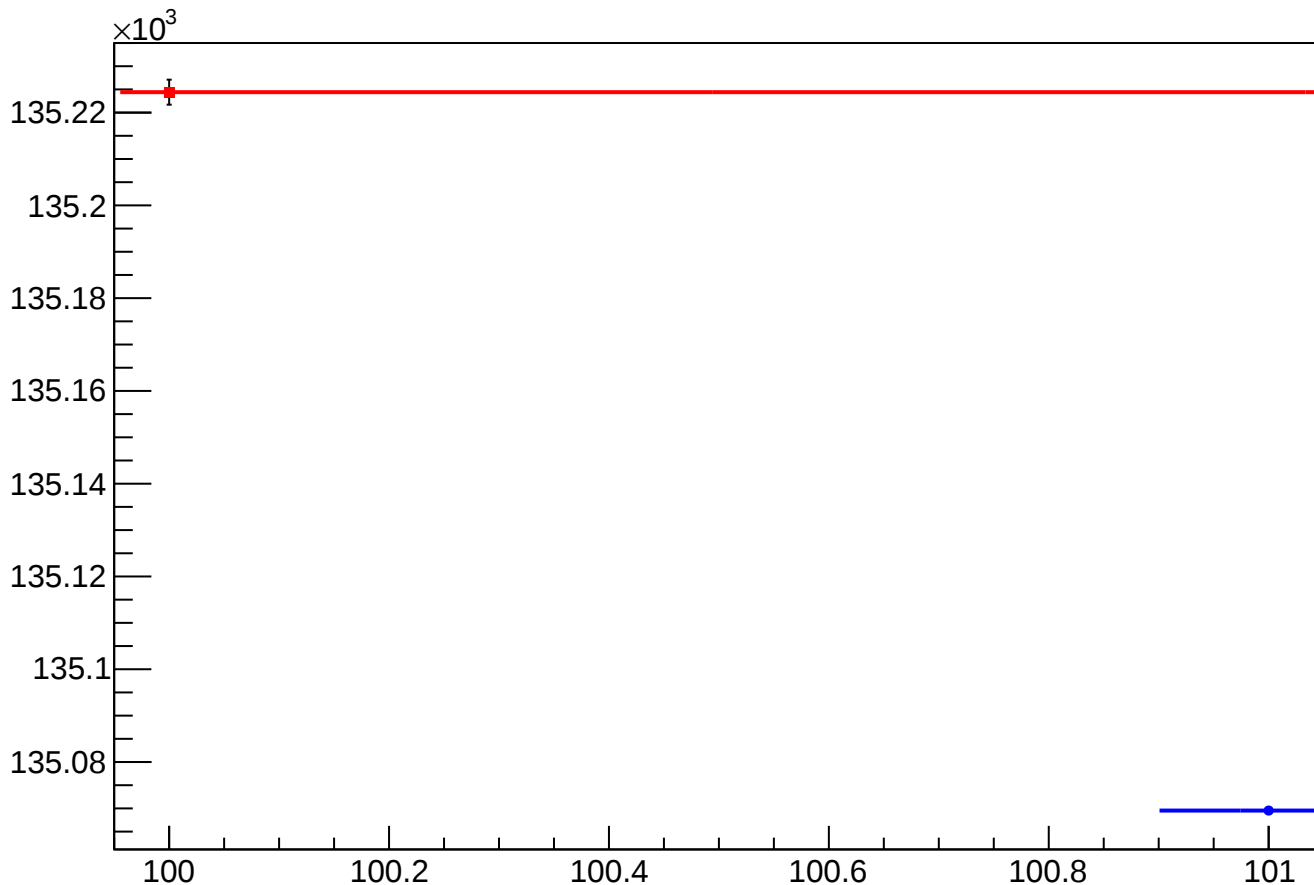
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

463.629+/-0.429 χ^2/NDF : 0.0/0

468.697+/-0.410 χ^2/NDF : 1620.0/1

522.420+/-1.396 χ^2/NDF : 0.0/0

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135069.535 $\pm$ 0.482 χ^2 /NDF: 0.0/0

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

Right Out: 135224.406 $\pm$ 2.695 χ^2 /NDF: 0.0/0

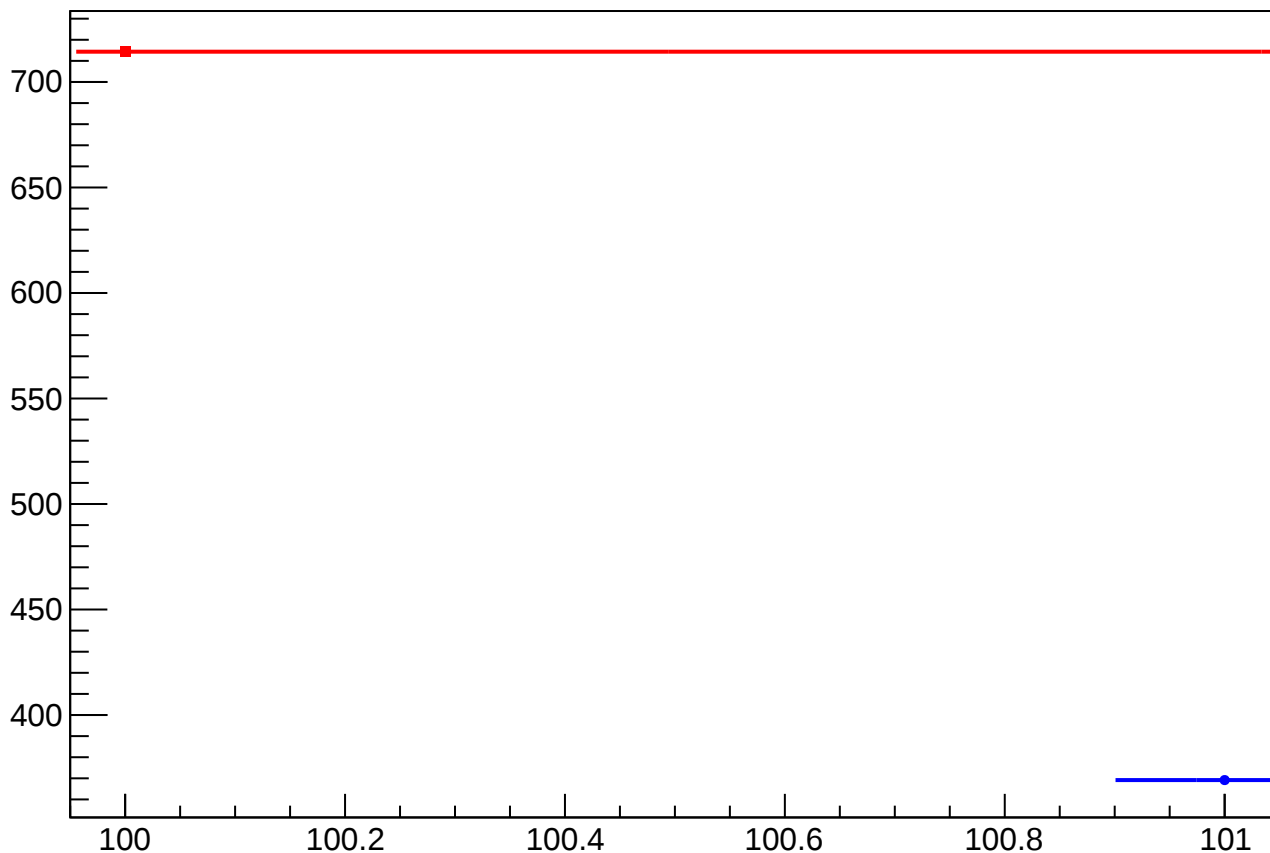
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135069.535 $\pm$ 0.482 χ^2 /NDF: 0.0/0

135074.337 $\pm$ 0.474 χ^2 /NDF: 3201.0/1

135224.406 $\pm$ 2.695 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 369.168 $\pm$ 0.341 χ^2 /NDF: 0.0/0

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

Right Out: 714.353 $\pm$ 1.905 χ^2 /NDF: 0.0/0

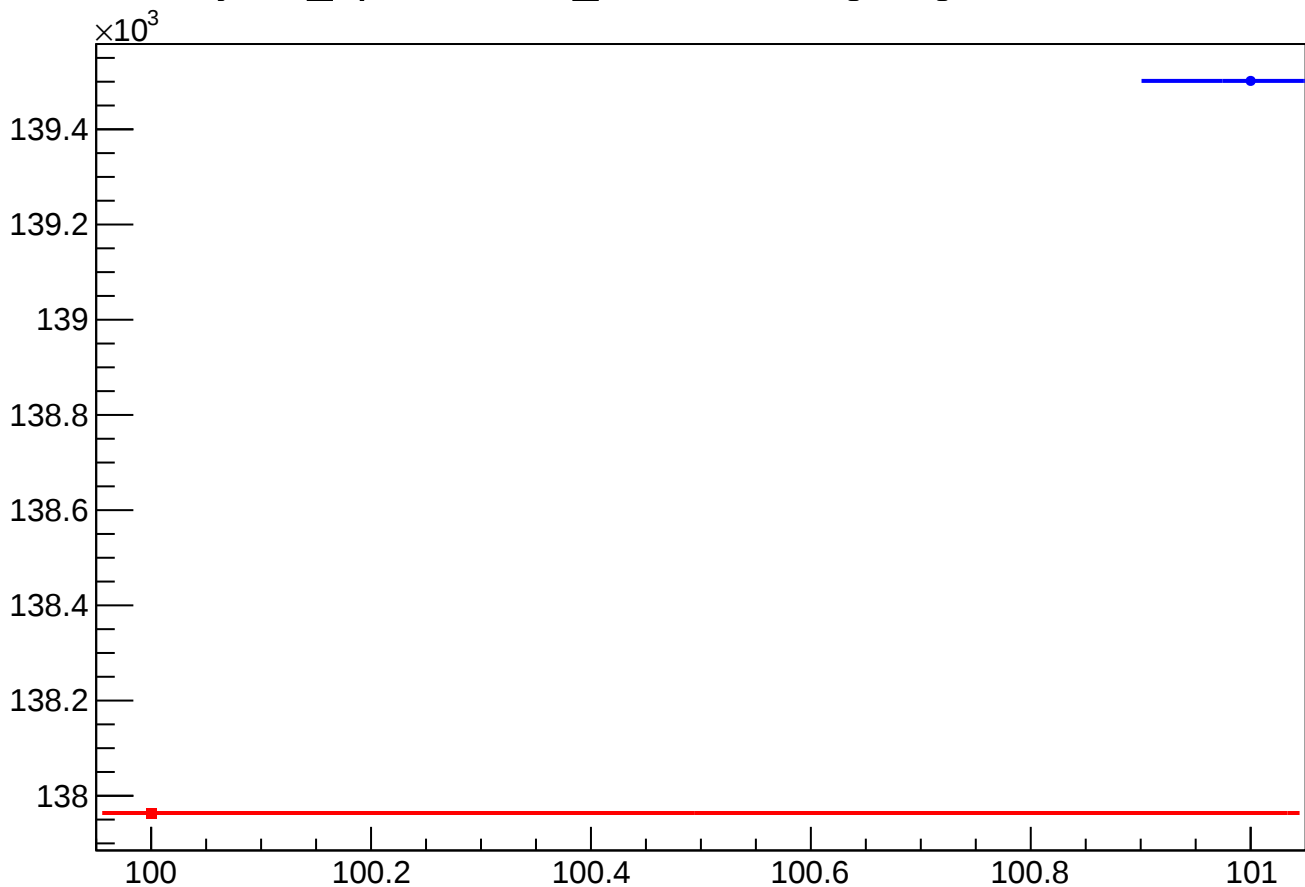
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

369.168 $\pm$ 0.341 χ^2 /NDF: 0.0/0

379.872 $\pm$ 0.336 χ^2 /NDF: 31804.0/1

714.353 $\pm$ 1.905 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 139501.698 $\pm$ 0.482 χ^2/NDF : 0.0/0

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

Right Out: 137963.826 $\pm$ 1.680 χ^2/NDF : 0.0/0

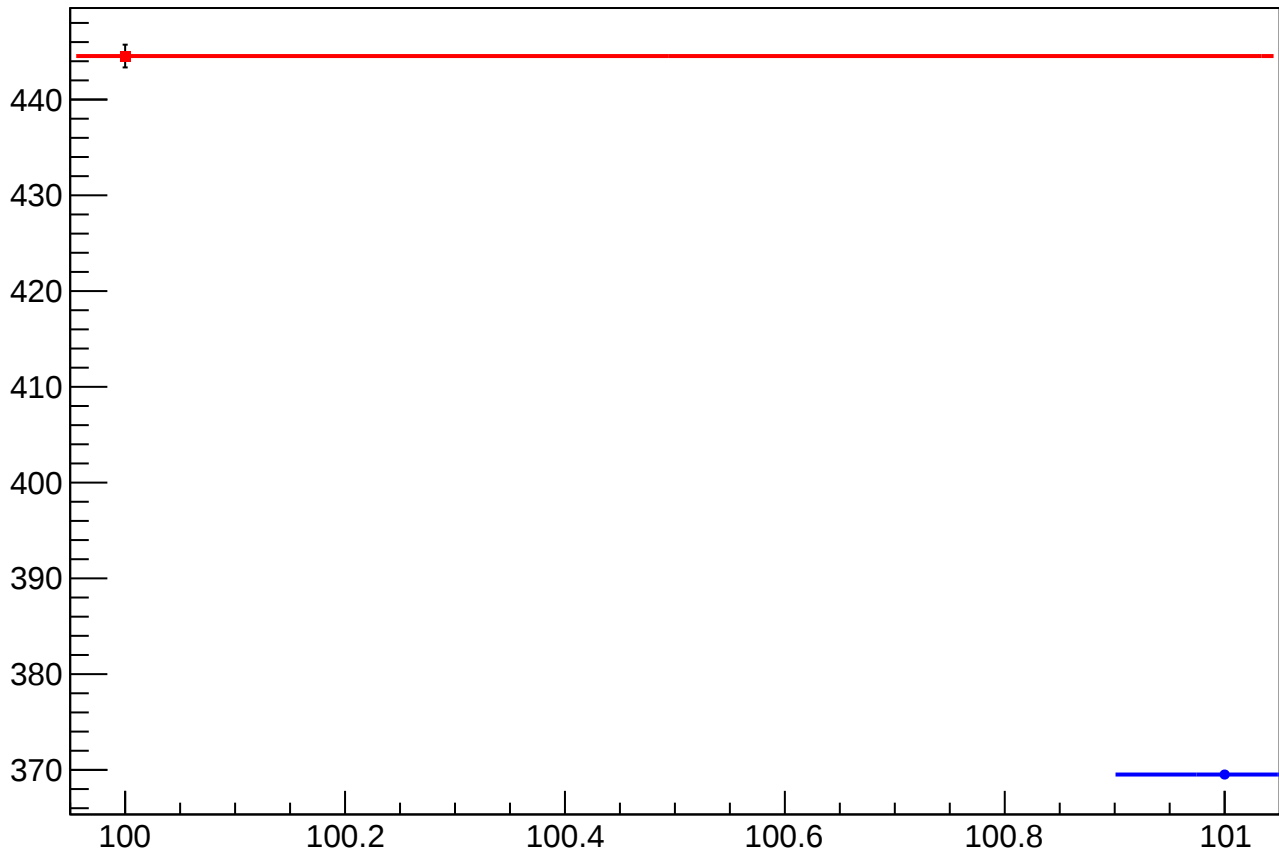
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

139501.698 $\pm$ 0.482 χ^2/NDF : 0.0/0

139384.725 $\pm$ 0.463 χ^2/NDF : 774350.9/1

137963.826 $\pm$ 1.680 χ^2/NDF : 0.0/0

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 369.516+/-0.341 χ^2/NDF : 0.0/0

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

Right Out: 444.542+/-1.188 χ^2/NDF : 0.0/0

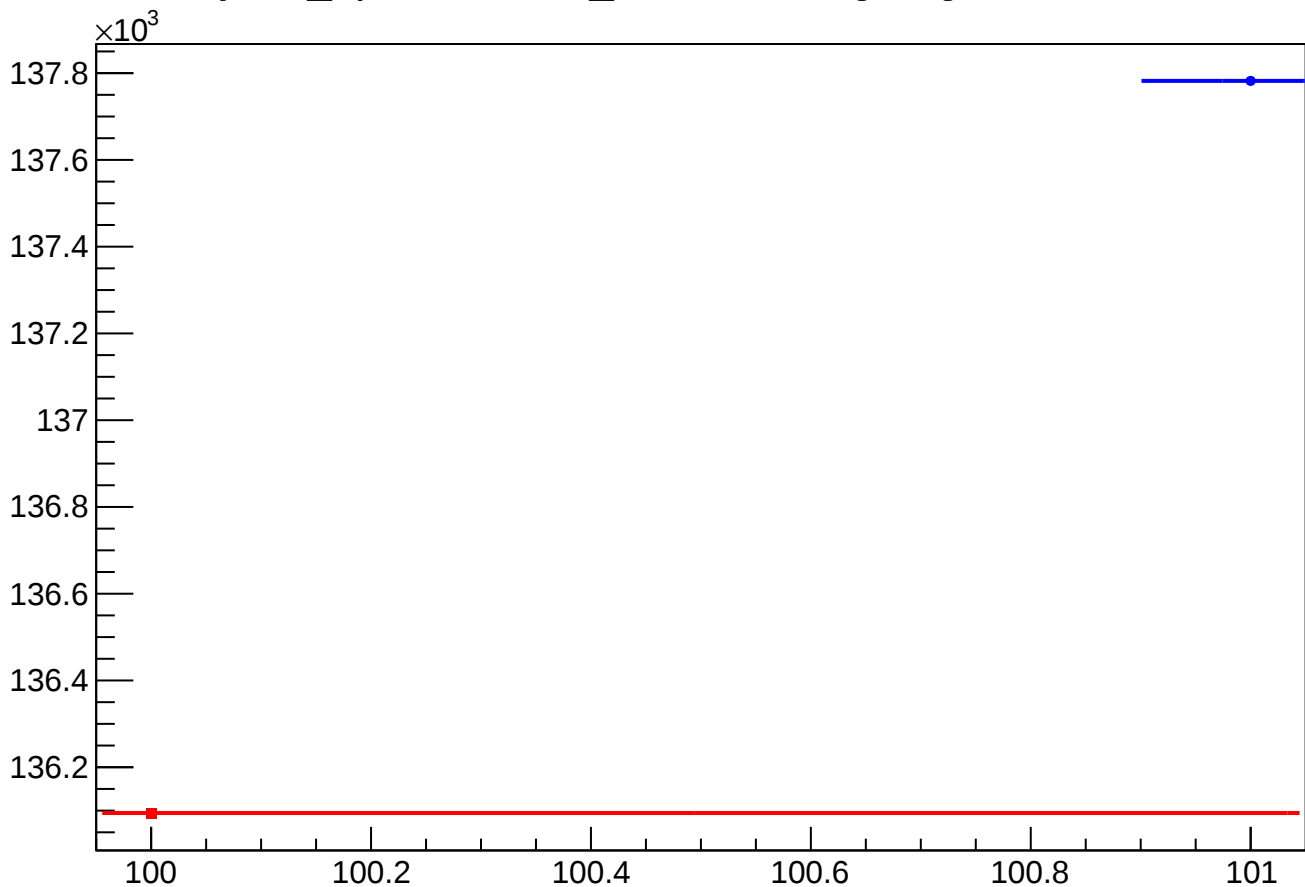
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

369.516+/-0.341 χ^2/NDF : 0.0/0

375.223+/-0.328 χ^2/NDF : 3686.0/1

444.542+/-1.188 χ^2/NDF : 0.0/0

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 137782.173 $\pm$ 0.472 χ^2/NDF : 0.0/0

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

Right Out: 136094.477 $\pm$ 1.808 χ^2/NDF : 0.0/0

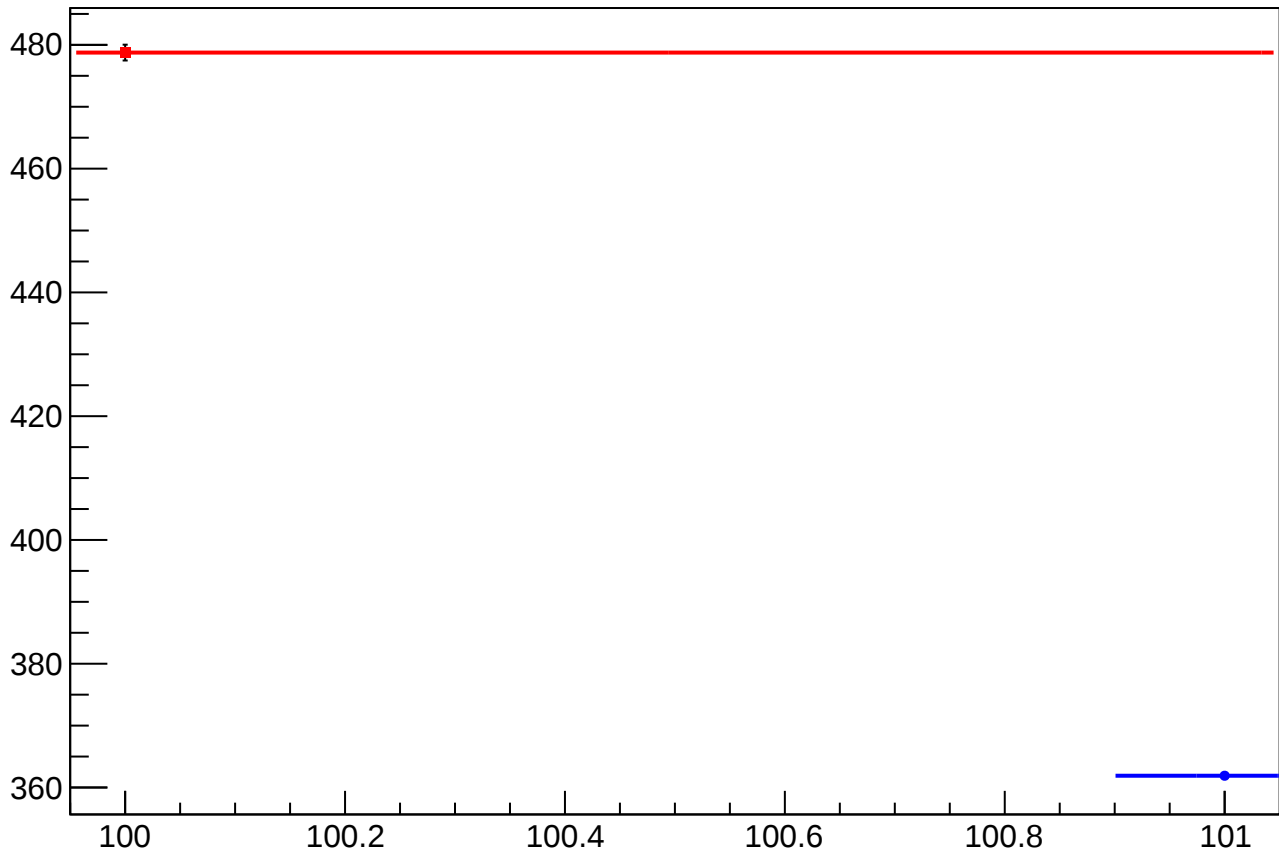
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

137782.173 $\pm$ 0.472 χ^2/NDF : 0.0/0

137674.492 $\pm$ 0.457 χ^2/NDF : 815713.4/1

136094.477 $\pm$ 1.808 χ^2/NDF : 0.0/0

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 361.900 $\pm$ 0.334 χ^2 /NDF: 0.0/0

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

Right Out: 478.754 $\pm$ 1.278 χ^2 /NDF: 0.0/0

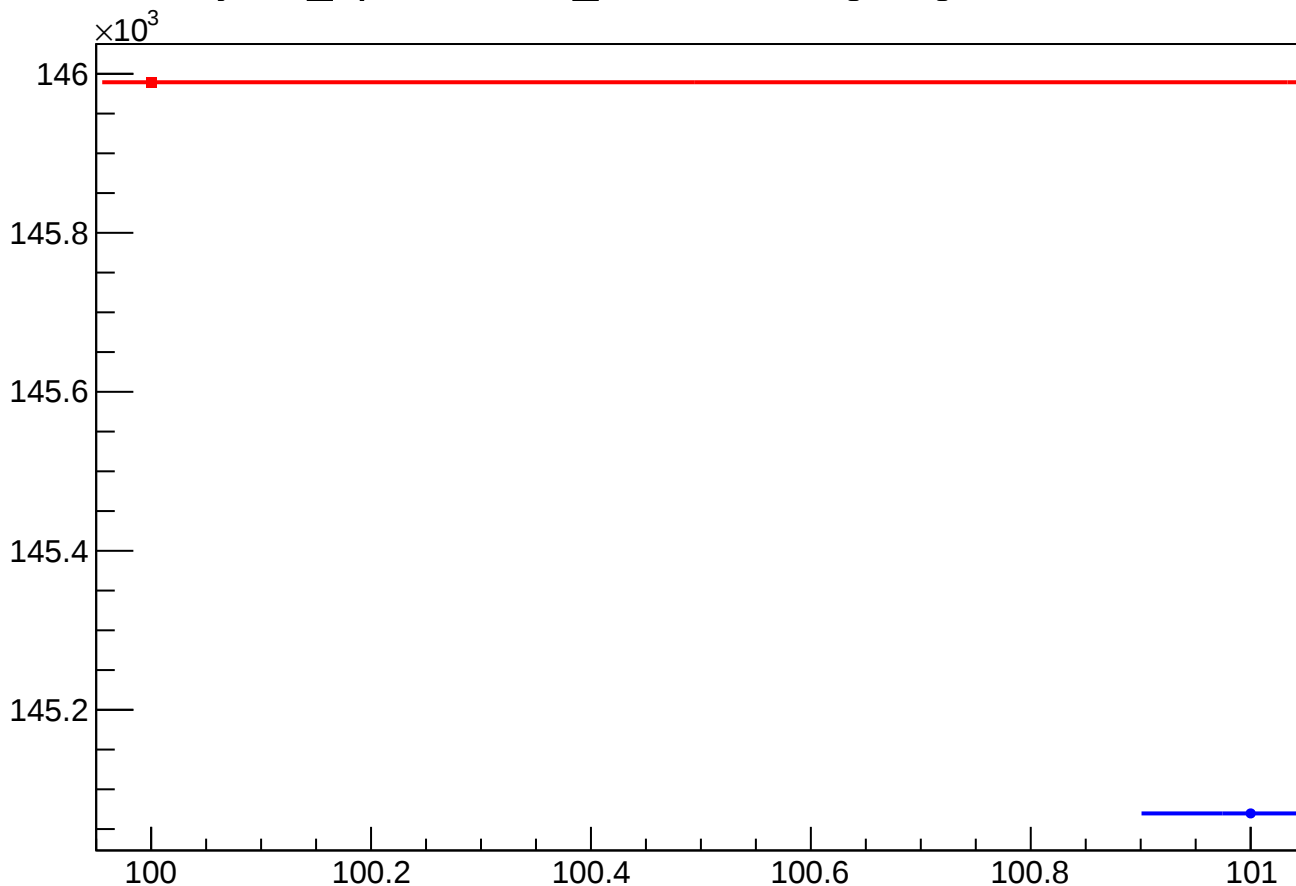
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

361.900 $\pm$ 0.334 χ^2 /NDF: 0.0/0

369.356 $\pm$ 0.323 χ^2 /NDF: 7821.1/1

478.754 $\pm$ 1.278 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 145069.672 $\pm$ 0.472 χ^2 /NDF: 0.0/0

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

Right Out: 145989.404 $\pm$ 1.985 χ^2 /NDF: 0.0/0

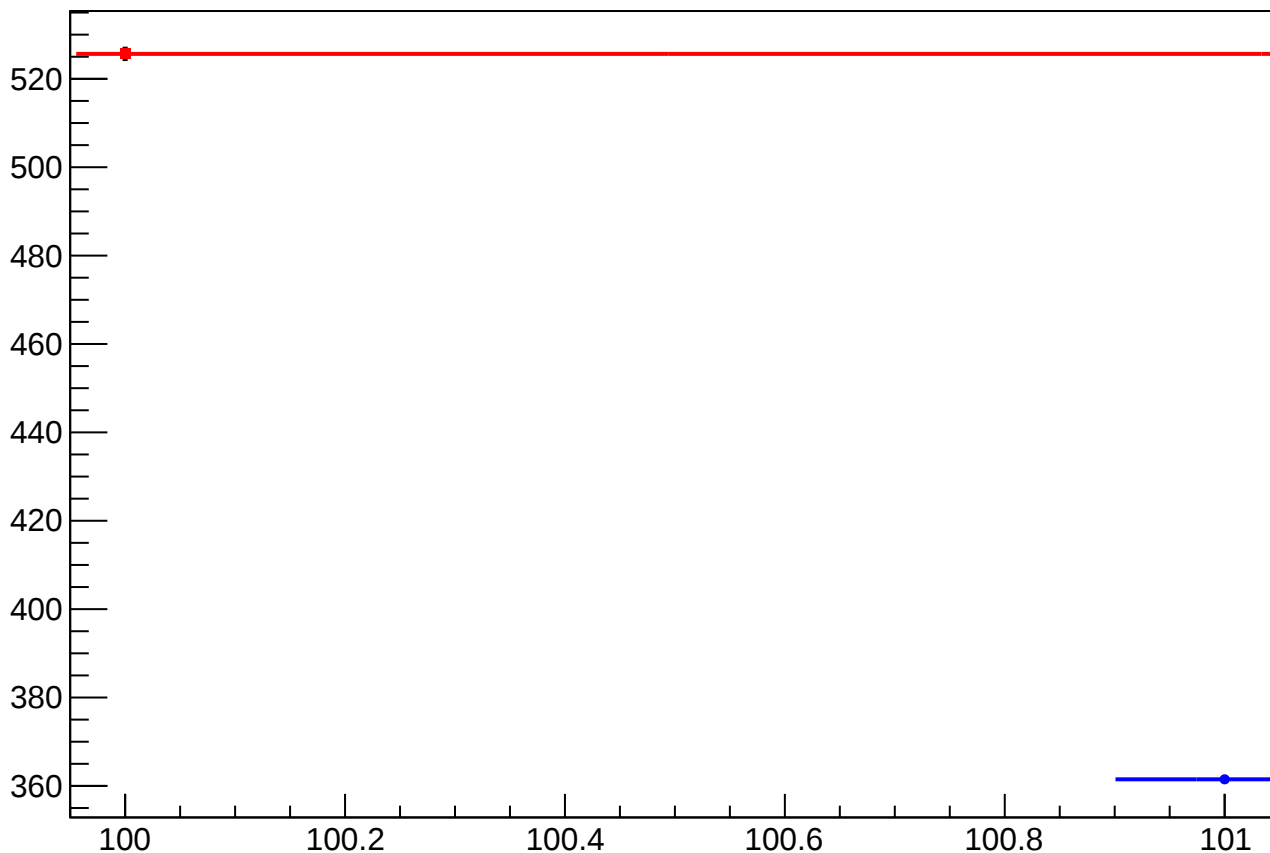
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

145069.672 $\pm$ 0.472 χ^2 /NDF: 0.0/0

145118.816 $\pm$ 0.459 χ^2 /NDF: 203282.8/1

145989.404 $\pm$ 1.985 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 361.490 $\pm$ 0.333 χ^2 /NDF: 0.0/0

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

Right Out: 525.649 $\pm$ 1.403 χ^2 /NDF: 0.0/0

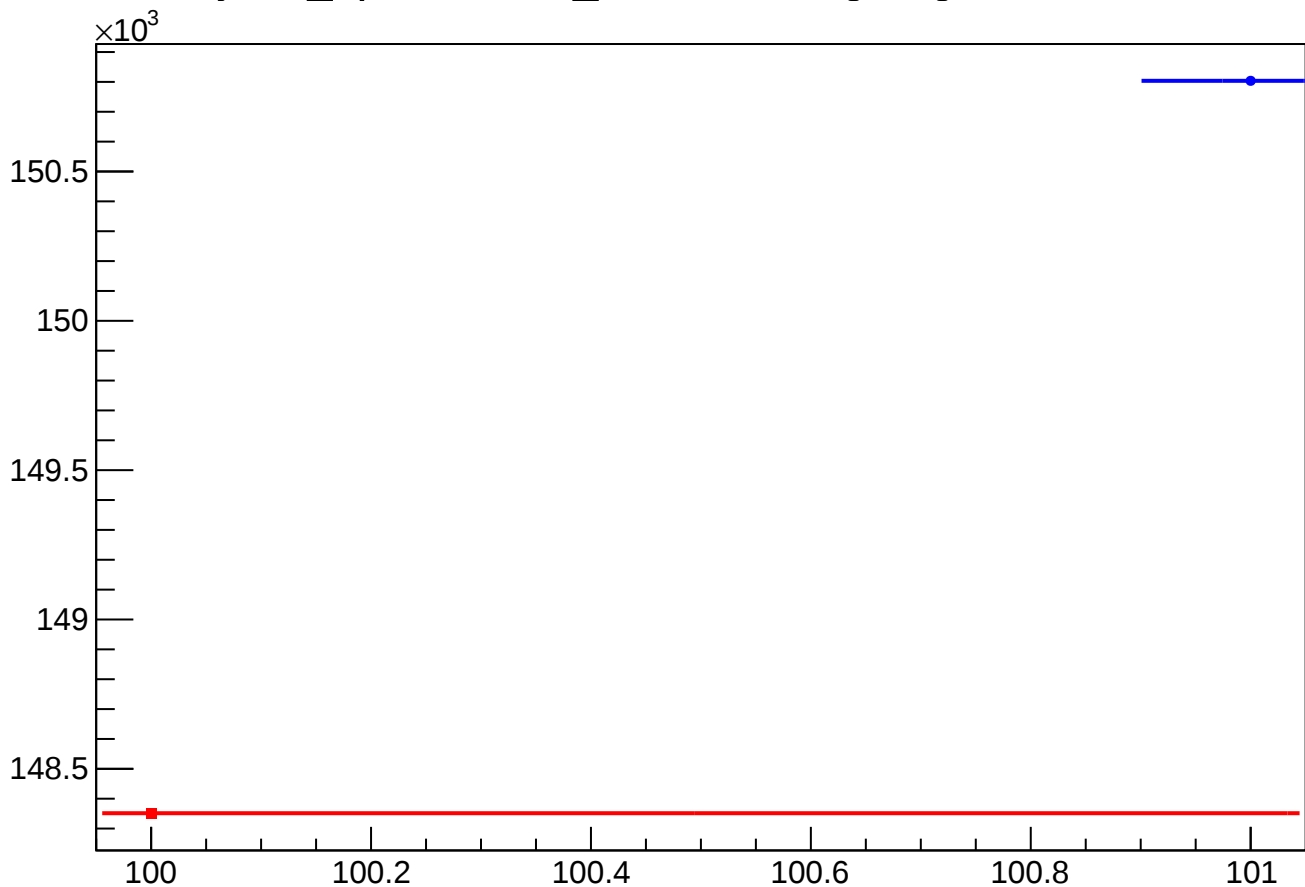
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

361.490 $\pm$ 0.333 χ^2 /NDF: 0.0/0

370.262 $\pm$ 0.324 χ^2 /NDF: 12951.9/1

525.649 $\pm$ 1.403 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: 150803.608 $\pm$ 0.492 χ^2/NDF : 0.0/0

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

Right Out: 148351.377 $\pm$ 1.969 χ^2/NDF : 0.0/0

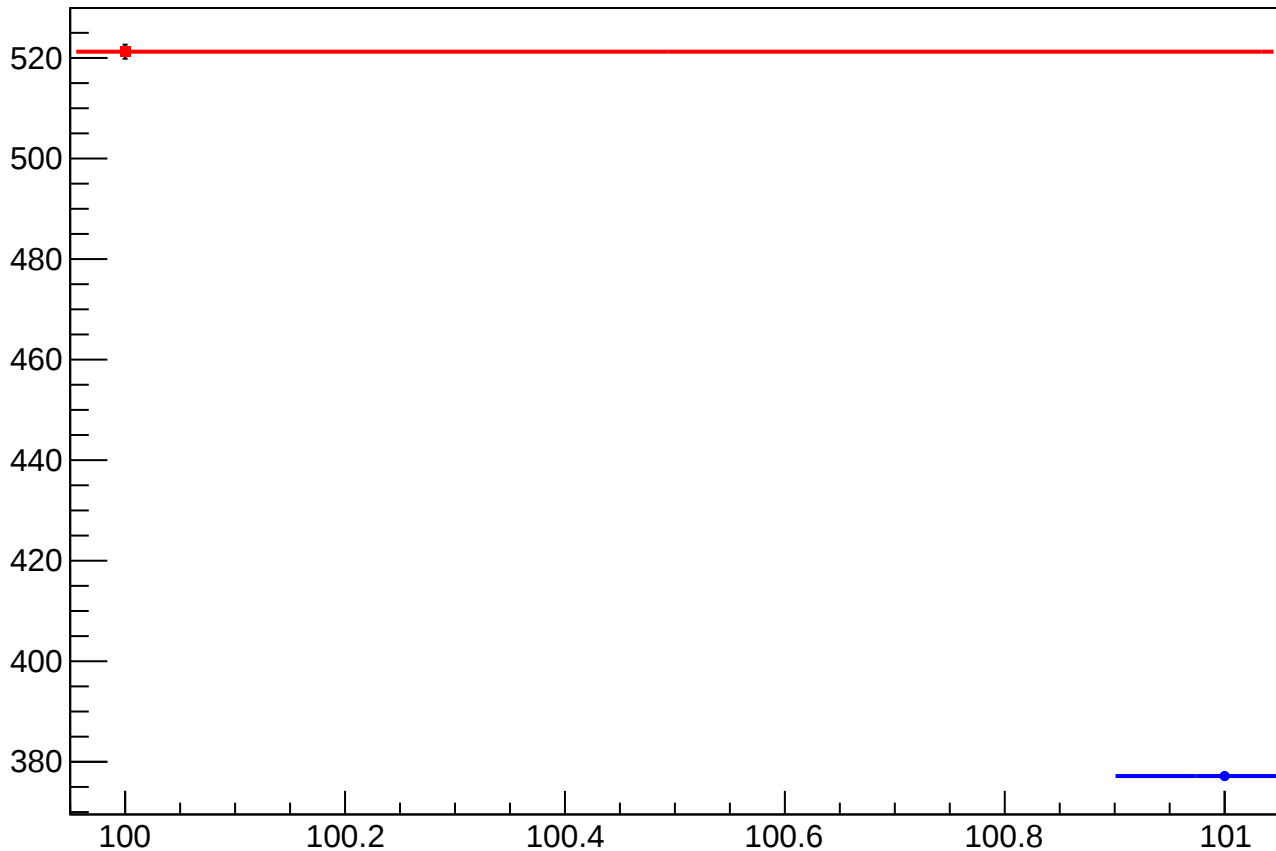
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

150803.608 $\pm$ 0.492 χ^2/NDF : 0.0/0

150659.466 $\pm$ 0.477 χ^2/NDF : 1460380.8/

148351.377 $\pm$ 1.969 χ^2/NDF : 0.0/0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 377.166 $\pm$ 0.348 χ^2 /NDF: 0.0/0

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

Right Out: 521.253 $\pm$ 1.392 χ^2 /NDF: 0.0/0

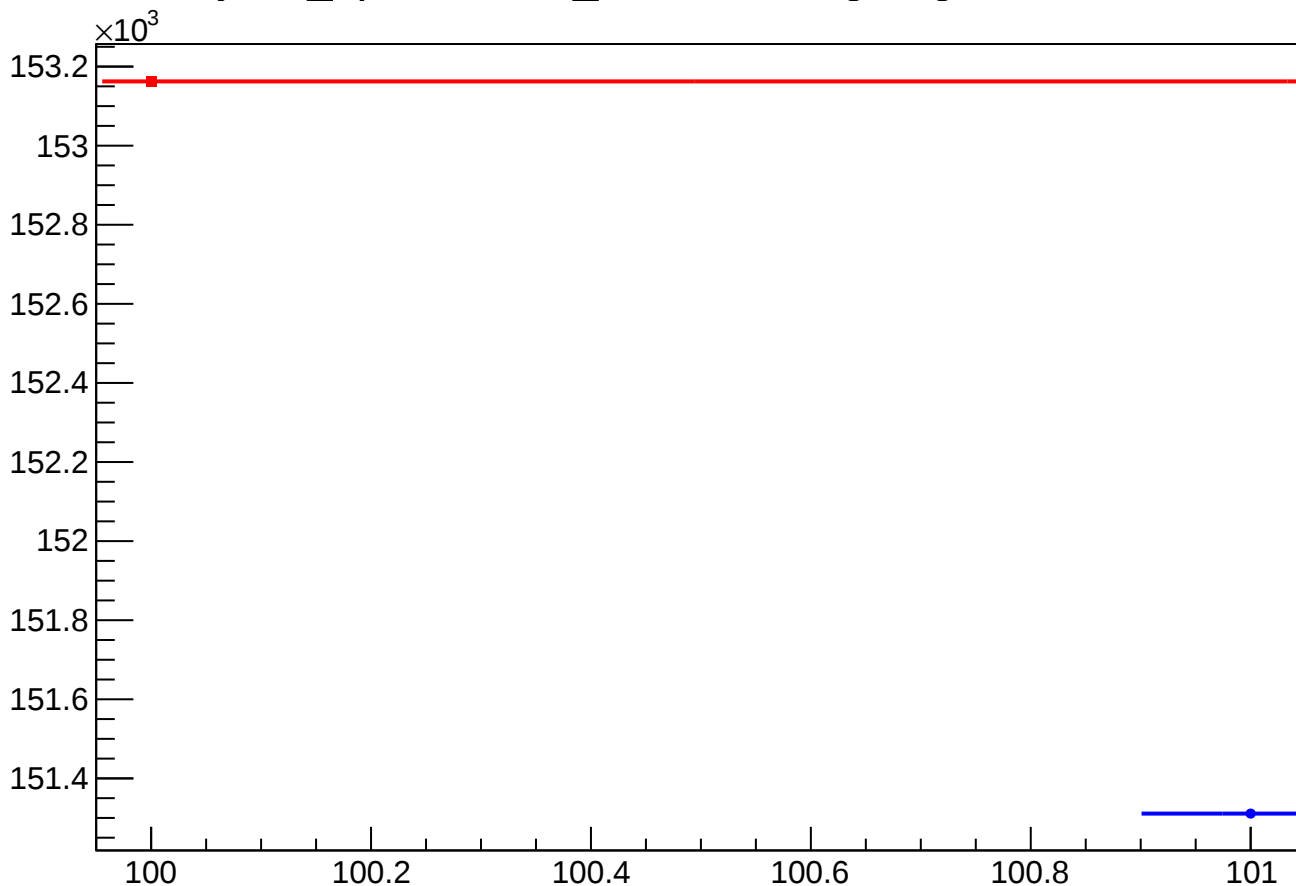
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

377.166 $\pm$ 0.348 χ^2 /NDF: 0.0/0

385.636 $\pm$ 0.338 χ^2 /NDF: 10083.7/1

521.253 $\pm$ 1.392 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: 151310.984 $\pm$ 0.523 χ^2 /NDF: 0.0/0

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

Right Out: 153162.527 $\pm$ 1.829 χ^2 /NDF: 0.0/0

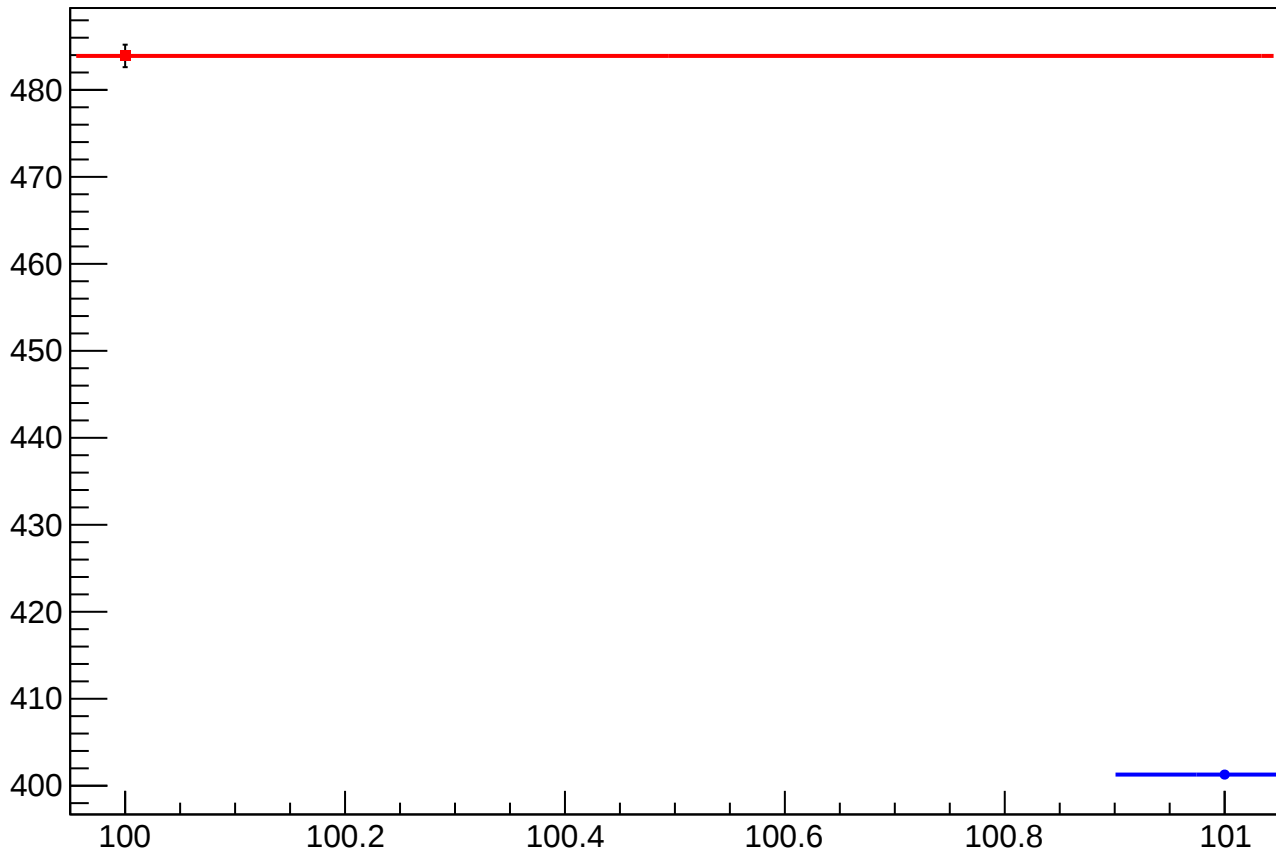
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

151310.984 $\pm$ 0.523 χ^2 /NDF: 0.0/0

151451.194 $\pm$ 0.503 χ^2 /NDF: 947341.8/1

153162.527 $\pm$ 1.829 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 401.284 $\pm$ 0.370 χ^2/NDF : 0.0/0

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

Right Out: 483.906 $\pm$ 1.293 χ^2/NDF : 0.0/0

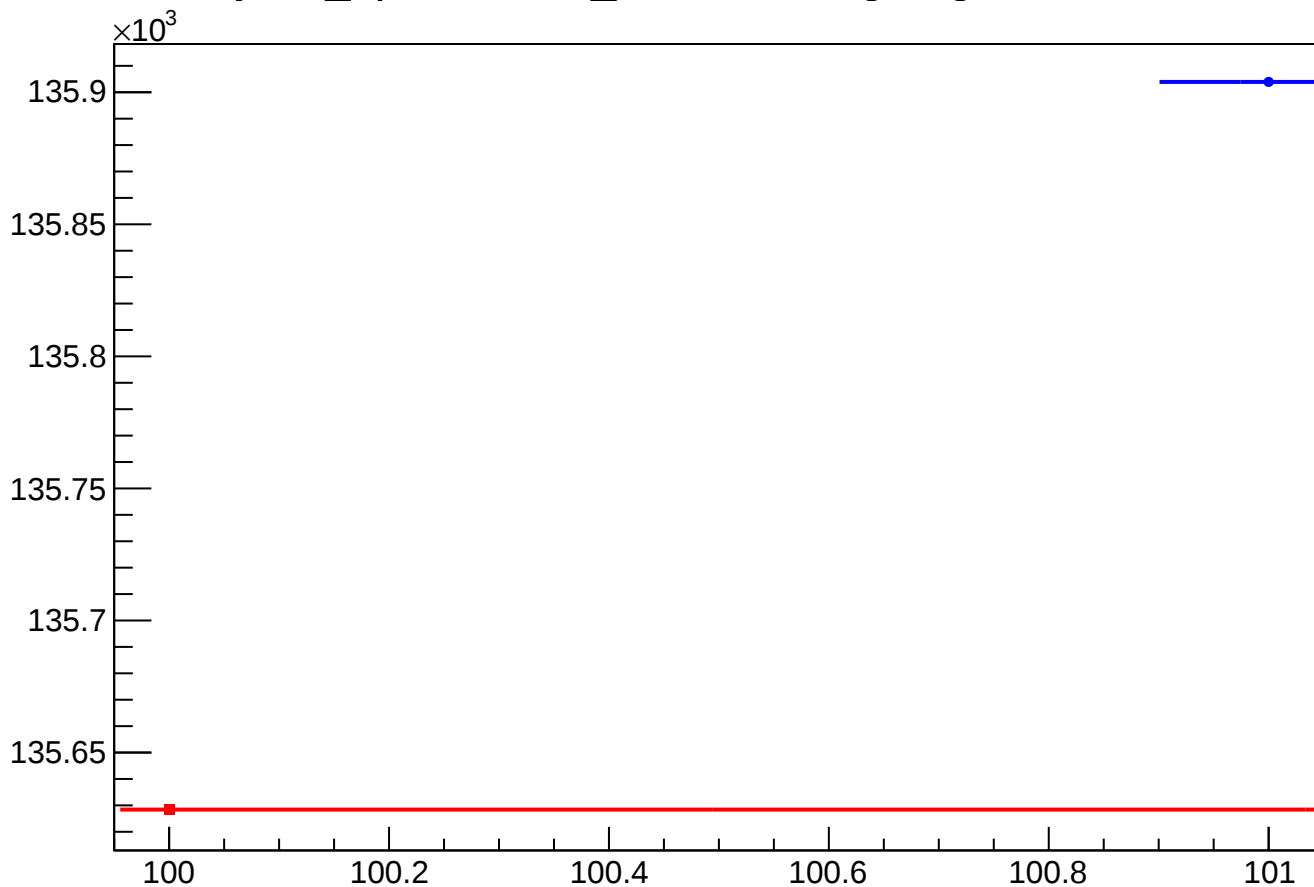
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

401.284 $\pm$ 0.370 χ^2/NDF : 0.0/0

407.540 $\pm$ 0.356 χ^2/NDF : 3772.8/1

483.906 $\pm$ 1.293 χ^2/NDF : 0.0/0

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 135903.914 $\pm$ 0.471 χ^2 /NDF: 0.0/0

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

Right Out: 135628.407 $\pm$ 1.595 χ^2 /NDF: 0.0/0

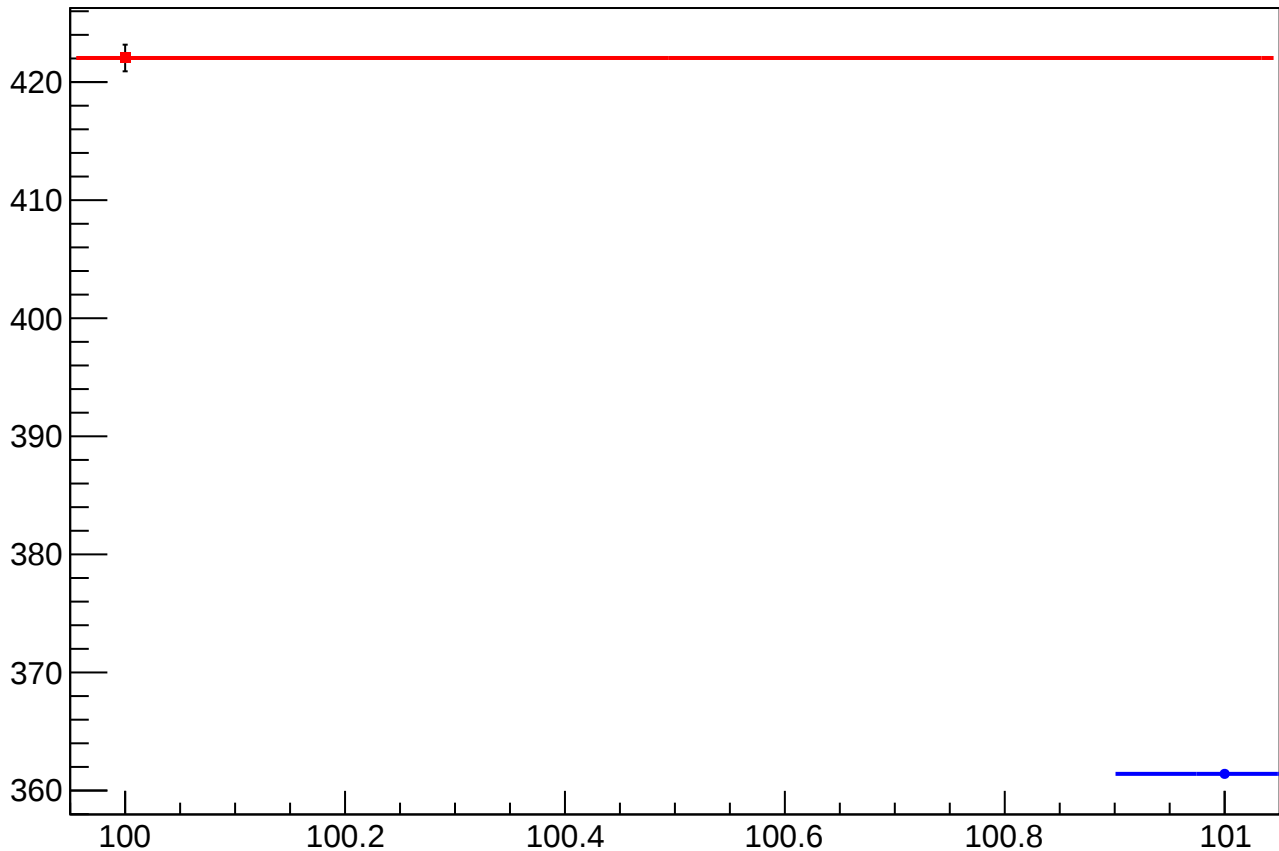
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

135903.914 $\pm$ 0.471 χ^2 /NDF: 0.0/0

135881.779 $\pm$ 0.452 χ^2 /NDF: 27437.2/1

135628.407 $\pm$ 1.595 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 361.412+/-0.333 χ^2/NDF : 0.0/0

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

Right Out: 422.041+/-1.128 χ^2/NDF : 0.0/0

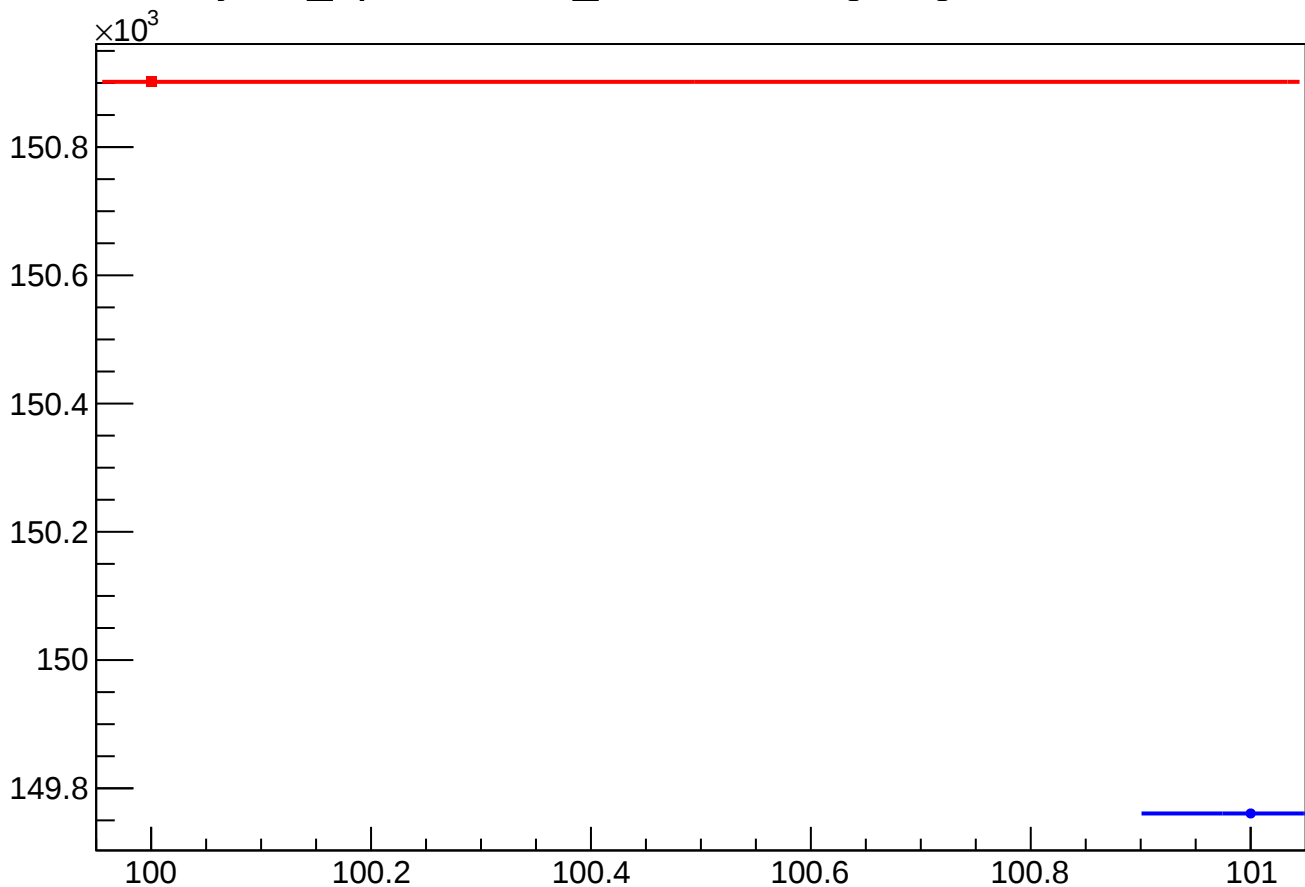
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

361.412+/-0.333 χ^2/NDF : 0.0/0

366.284+/-0.320 χ^2/NDF : 2657.4/1

422.041+/-1.128 χ^2/NDF : 0.0/0

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: 149760.753 $\pm$ 0.514 χ^2 /NDF: 0.0/0

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

Right Out: 150901.770 $\pm$ 1.818 χ^2 /NDF: 0.0/0

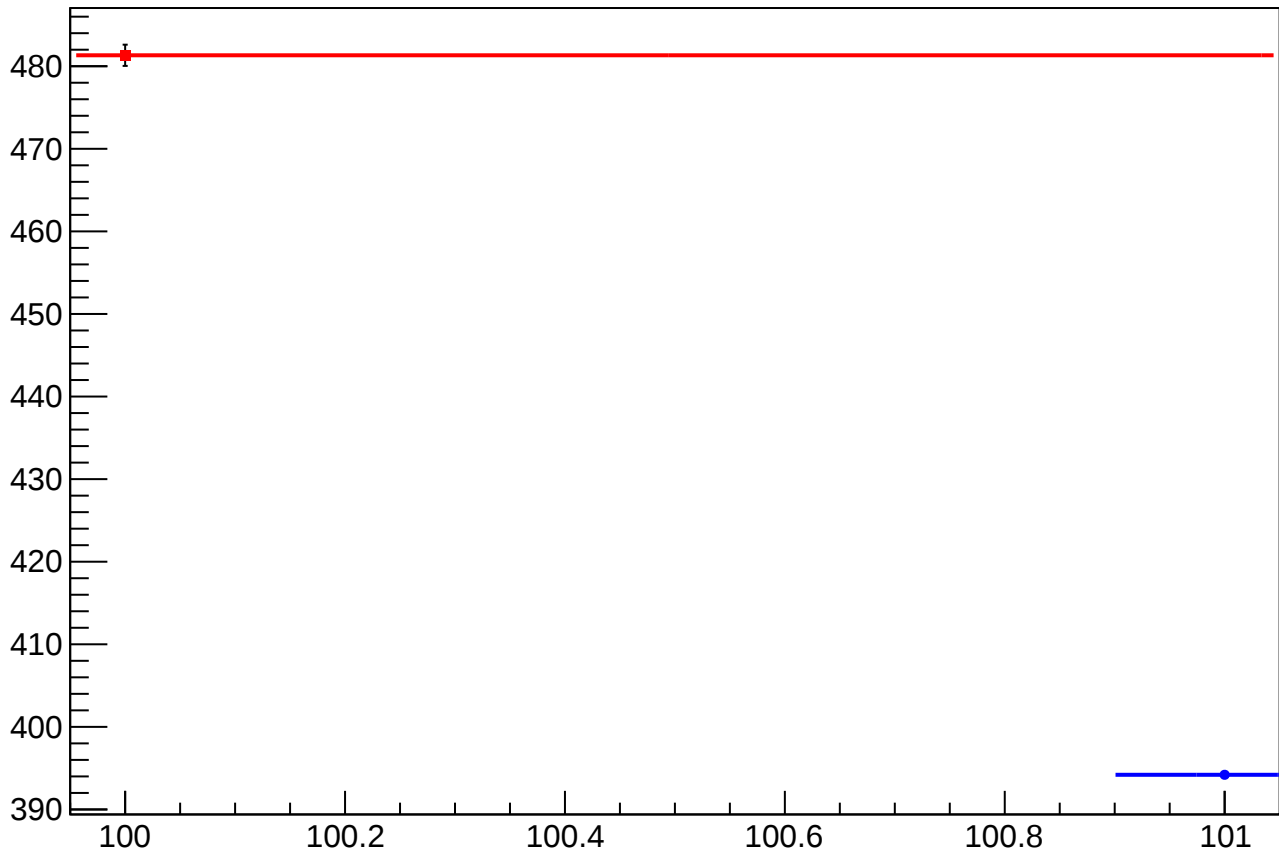
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

149760.753 $\pm$ 0.514 χ^2 /NDF: 0.0/0

149845.312 $\pm$ 0.495 χ^2 /NDF: 364807.8/1

150901.770 $\pm$ 1.818 χ^2 /NDF: 0.0/0

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 394.197+/-0.364 χ^2/NDF : 0.0/0

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

Right Out: 481.324+/-1.285 χ^2/NDF : 0.0/0

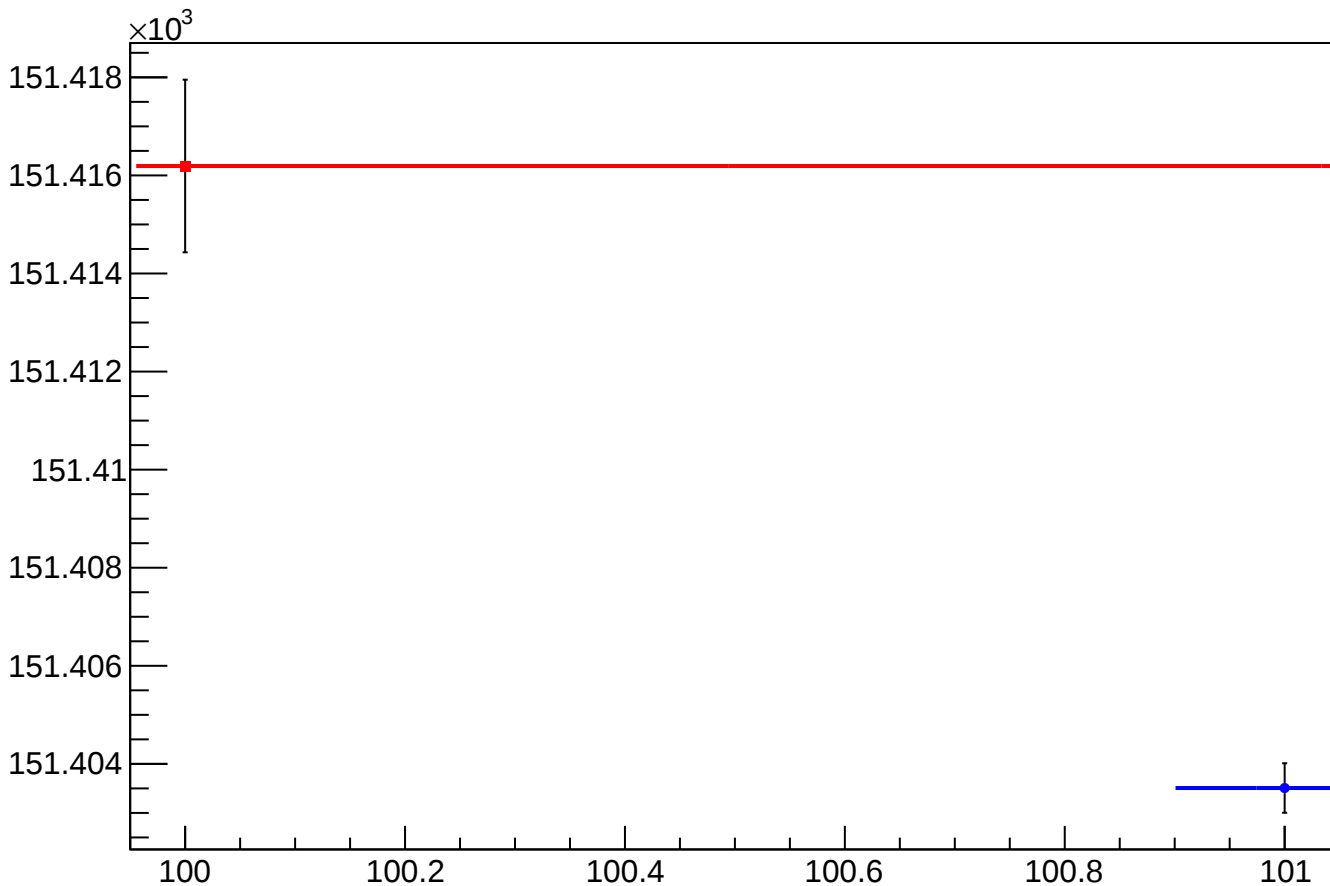
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

394.197+/-0.364 χ^2/NDF : 0.0/0

400.654+/-0.350 χ^2/NDF : 4254.2/1

481.324+/-1.285 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: 151403.508 $\pm$ 0.505 χ^2/NDF : 0.0/0

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

Right Out: 151416.192 $\pm$ 1.760 χ^2/NDF : 0.0/0

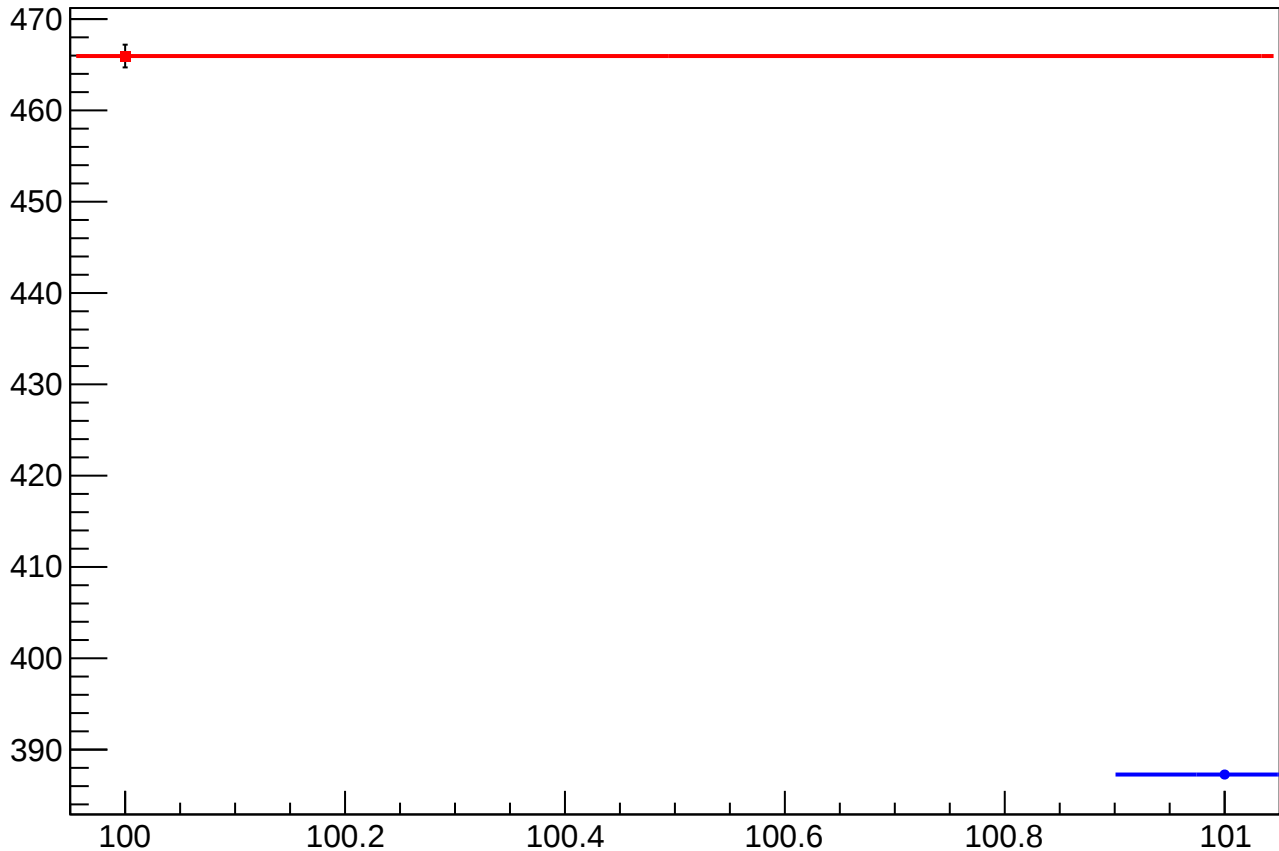
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

151403.508 $\pm$ 0.505 χ^2/NDF : 0.0/0

151404.473 $\pm$ 0.486 χ^2/NDF : 48.0/1

151416.192 $\pm$ 1.760 χ^2/NDF : 0.0/0

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 387.270 $\pm$ 0.357 χ^2 /NDF: 0.0/0

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

Right Out: 465.952 $\pm$ 1.245 χ^2 /NDF: 0.0/0

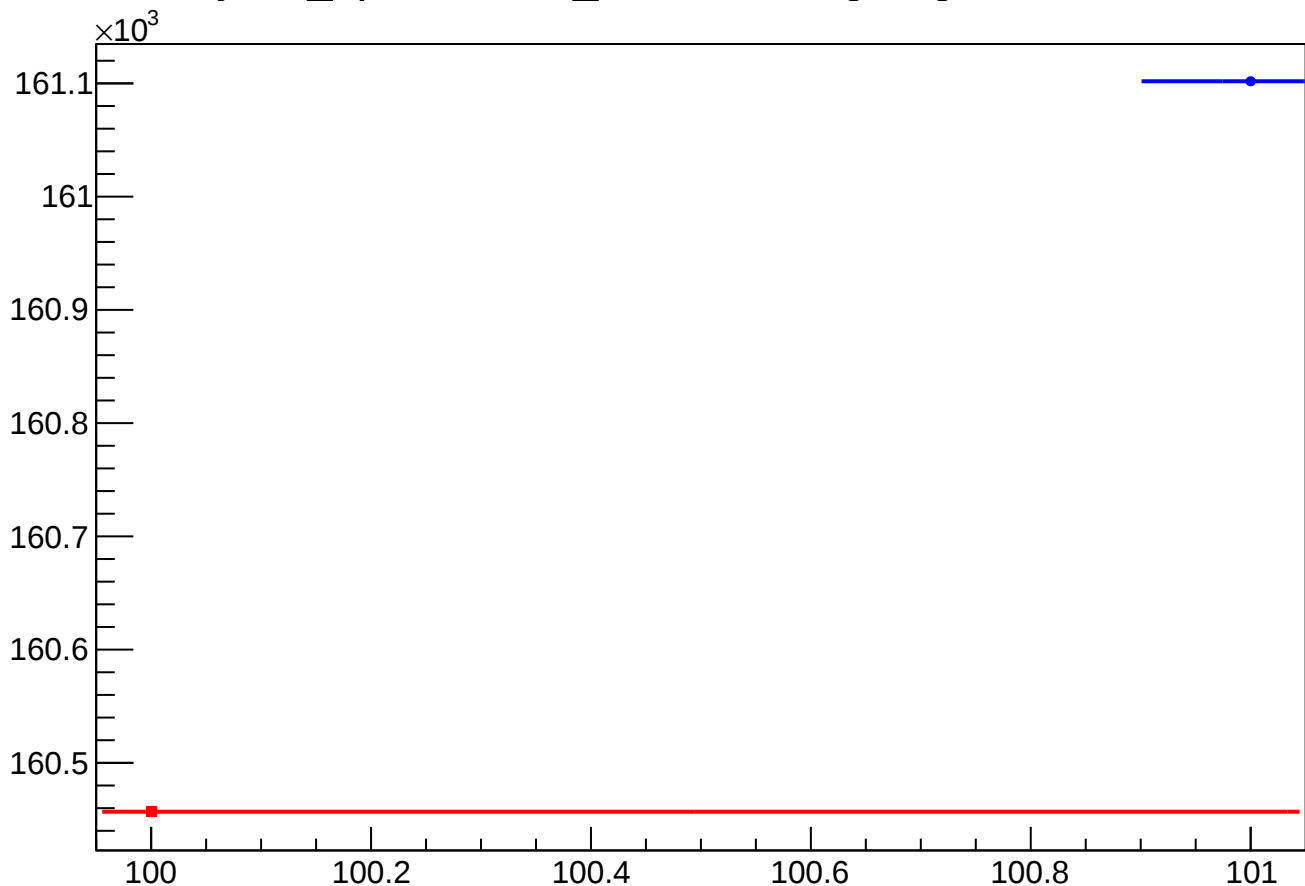
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

387.270 $\pm$ 0.357 χ^2 /NDF: 0.0/0

393.257 $\pm$ 0.343 χ^2 /NDF: 3691.2/1

465.952 $\pm$ 1.245 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: 161101.865 $\pm$ 0.535 χ^2/NDF : 0.0/0

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

Right Out: 160456.852 $\pm$ 1.833 χ^2/NDF : 0.0/0

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

161101.865 $\pm$ 0.535 χ^2/NDF : 0.0/0

161051.316 $\pm$ 0.513 χ^2/NDF : 114100.2/1

160456.852 $\pm$ 1.833 χ^2/NDF : 0.0/0

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 409.765+/-0.378 χ^2/NDF : 0.0/0

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

Right Out: 484.990+/-1.296 χ^2/NDF : 0.0/0

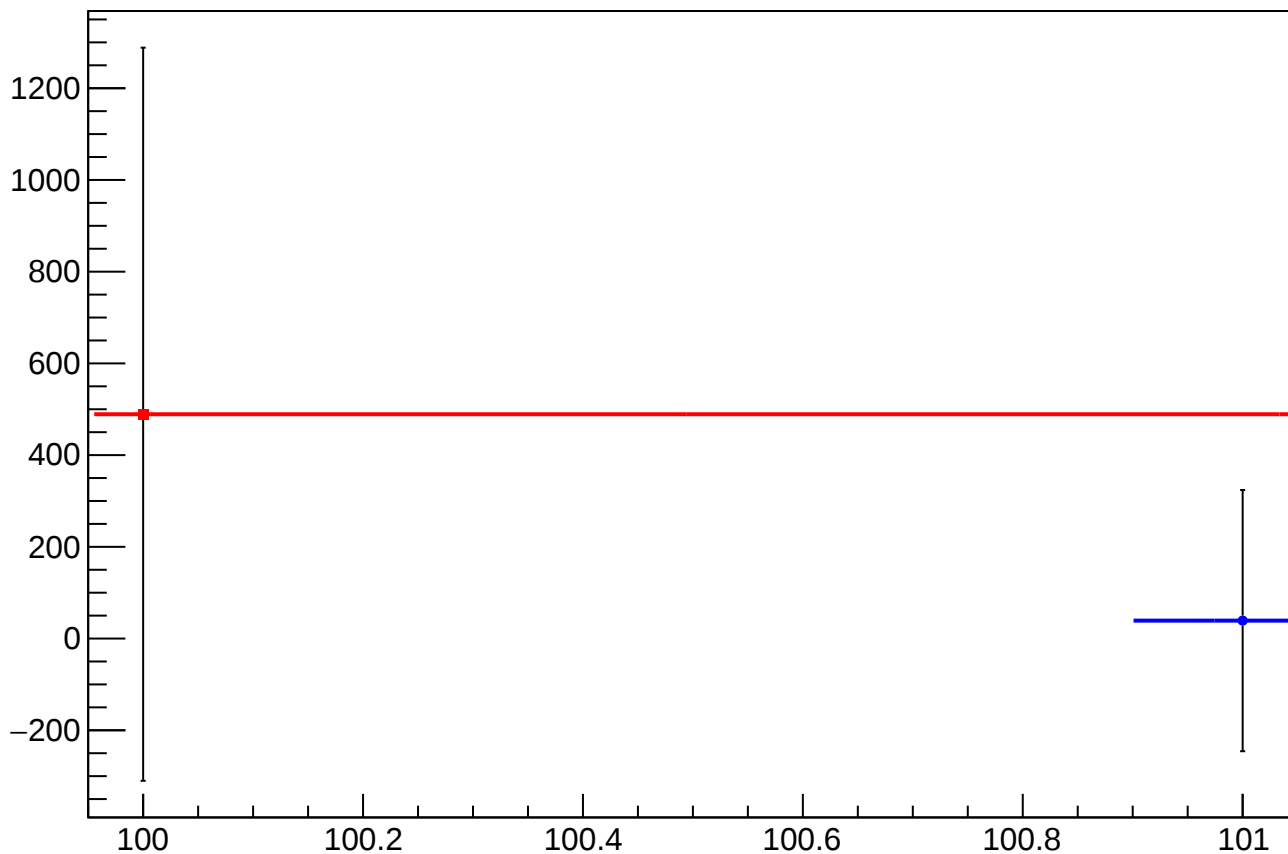
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

409.765+/-0.378 χ^2/NDF : 0.0/0

415.660+/-0.363 χ^2/NDF : 3103.9/1

484.990+/-1.296 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: 39.111+/-284.800 χ^2/NDF : 0.0/0

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

Right Out: 489.143+/-799.303 χ^2/NDF : 0.0/0

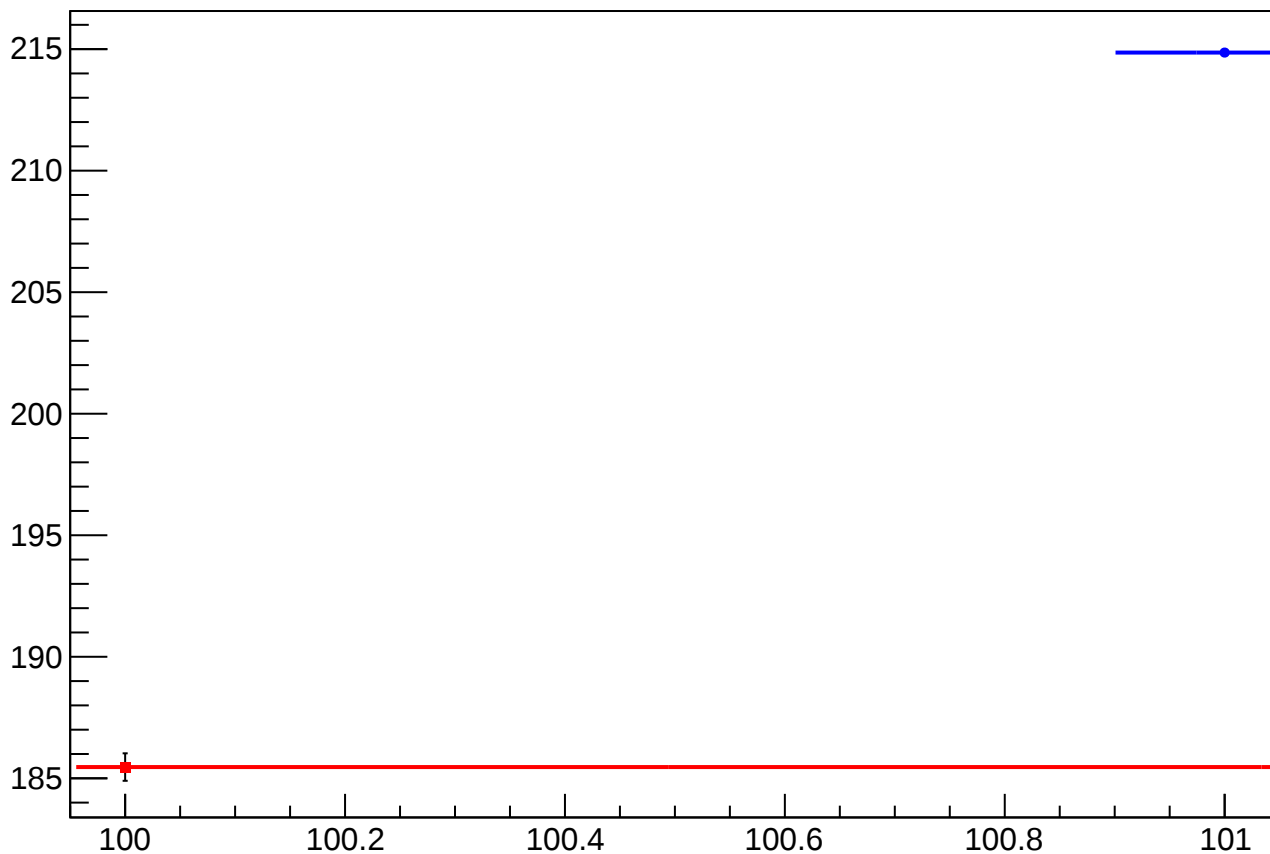
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

39.111+/-284.800 χ^2/NDF : 0.0/0

89.809+/-268.279 χ^2/NDF : 0.3/1

489.143+/-799.303 χ^2/NDF : 0.0/0

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 214.859 +/- 0.201 χ^2/NDF : 0.0/0

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

Right Out: 185.463 +/- 0.565 χ^2/NDF : 0.0/0

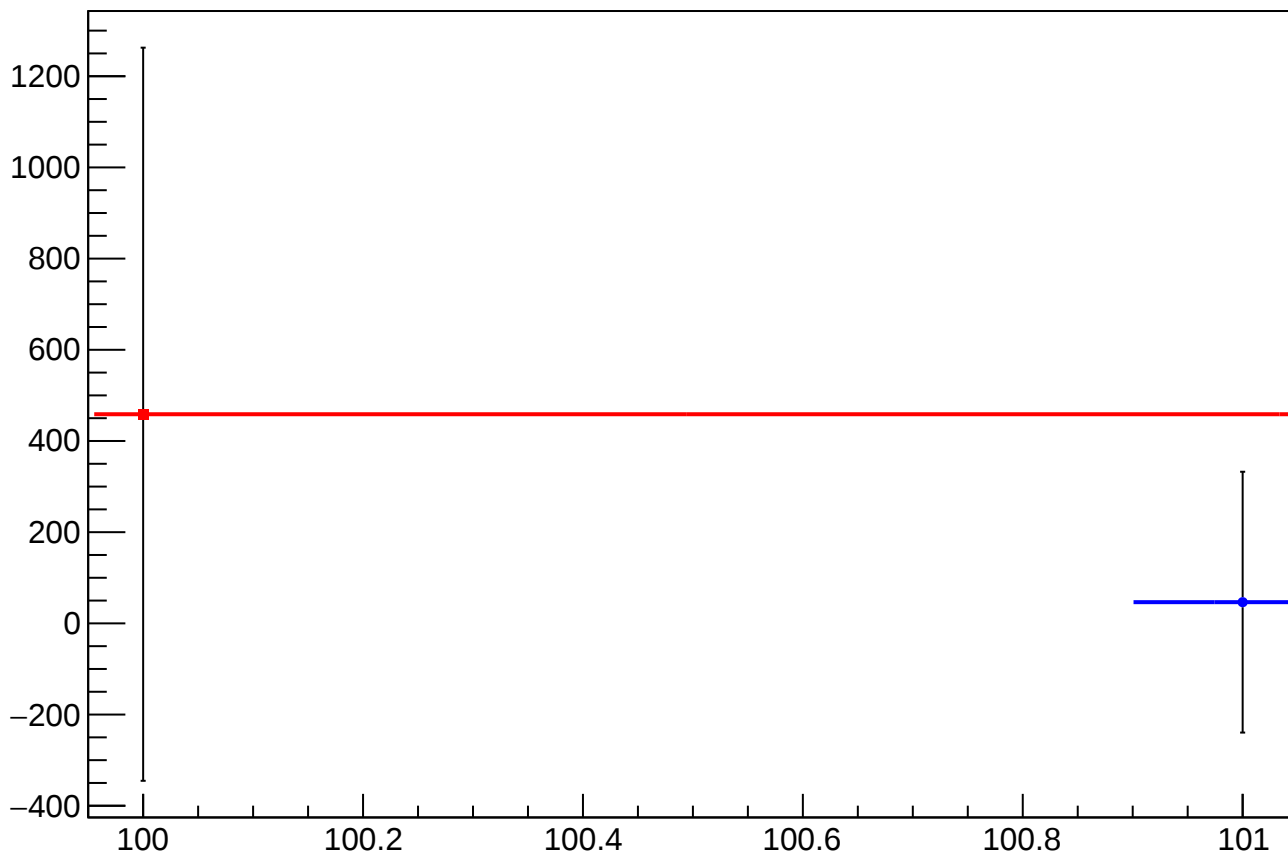
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

214.859 +/- 0.201 χ^2/NDF : 0.0/0

211.547 +/- 0.190 χ^2/NDF : 2400.4/1

185.463 +/- 0.565 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: 46.516+/-286.019 χ^2/NDF : 0.0/0

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

Right Out: 458.675+/-803.946 χ^2/NDF : 0.0/0

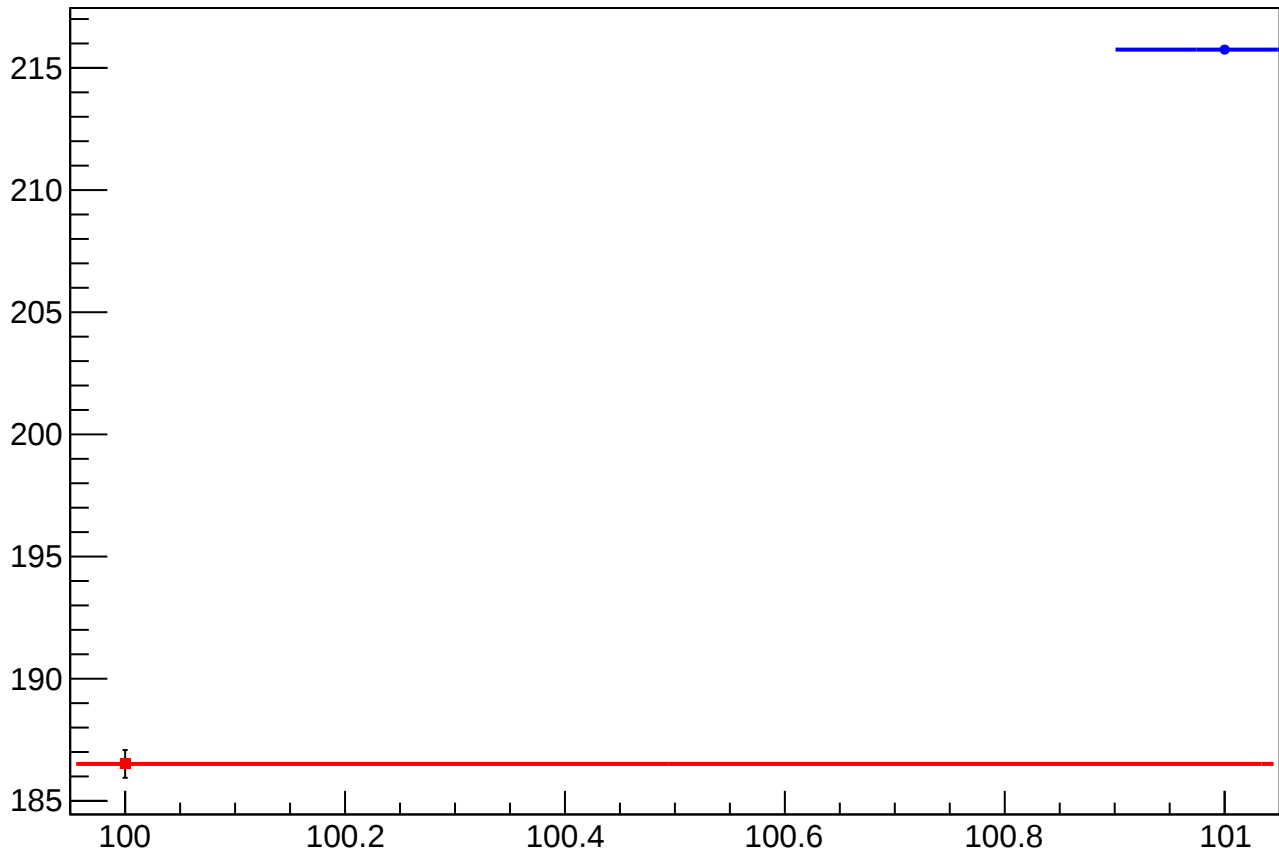
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

46.516+/-286.019 χ^2/NDF : 0.0/0

92.823+/-269.473 χ^2/NDF : 0.2/1

458.675+/-803.946 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 215.749 $\pm$ 0.202 χ^2 /NDF: 0.0/0

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

Right Out: 186.513 $\pm$ 0.568 χ^2 /NDF: 0.0/0

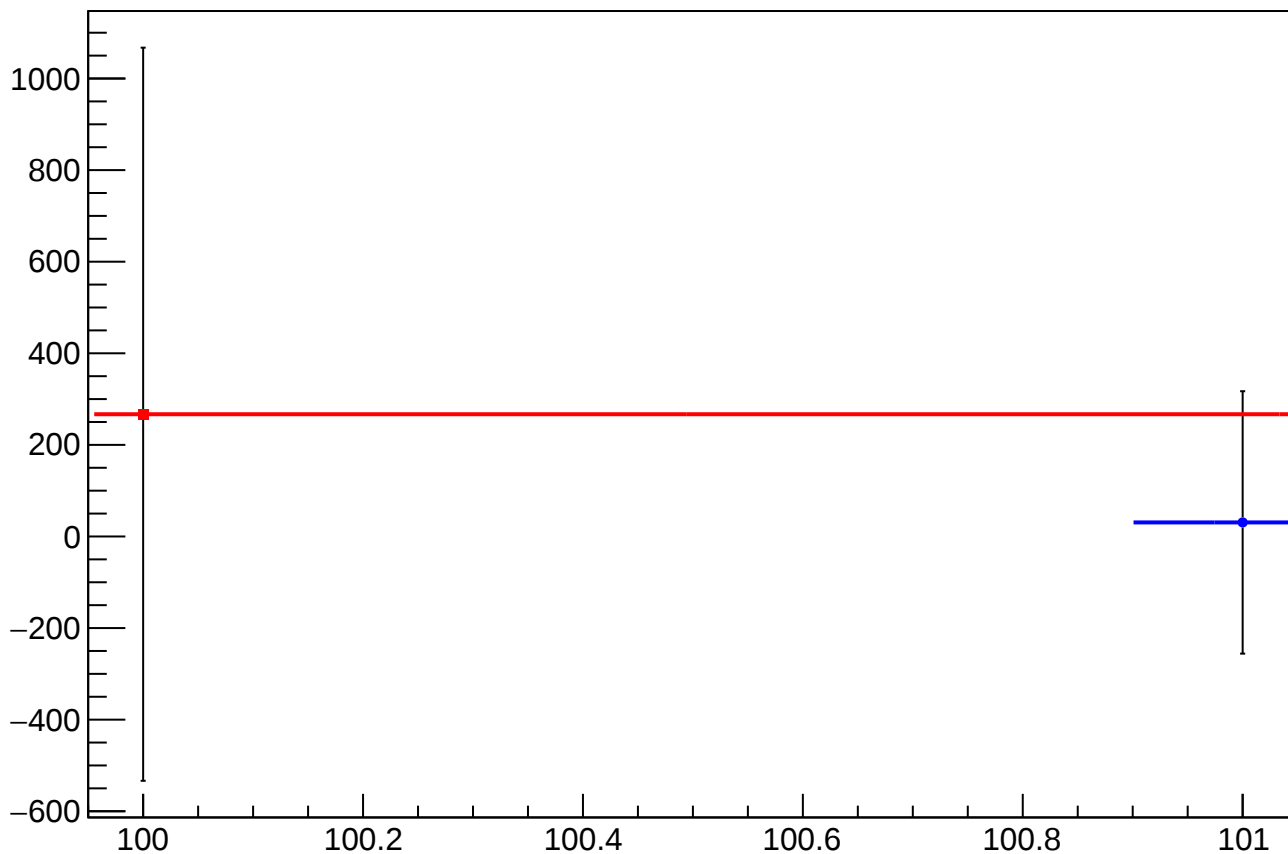
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

215.749 $\pm$ 0.202 χ^2 /NDF: 0.0/0

212.464 $\pm$ 0.191 χ^2 /NDF: 2347.7/1

186.513 $\pm$ 0.568 χ^2 /NDF: 0.0/0

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 30.682+/-286.491 χ^2 /NDF: 0.0/0

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

Right Out: 266.918+/-800.428 χ^2 /NDF: 0.0/0

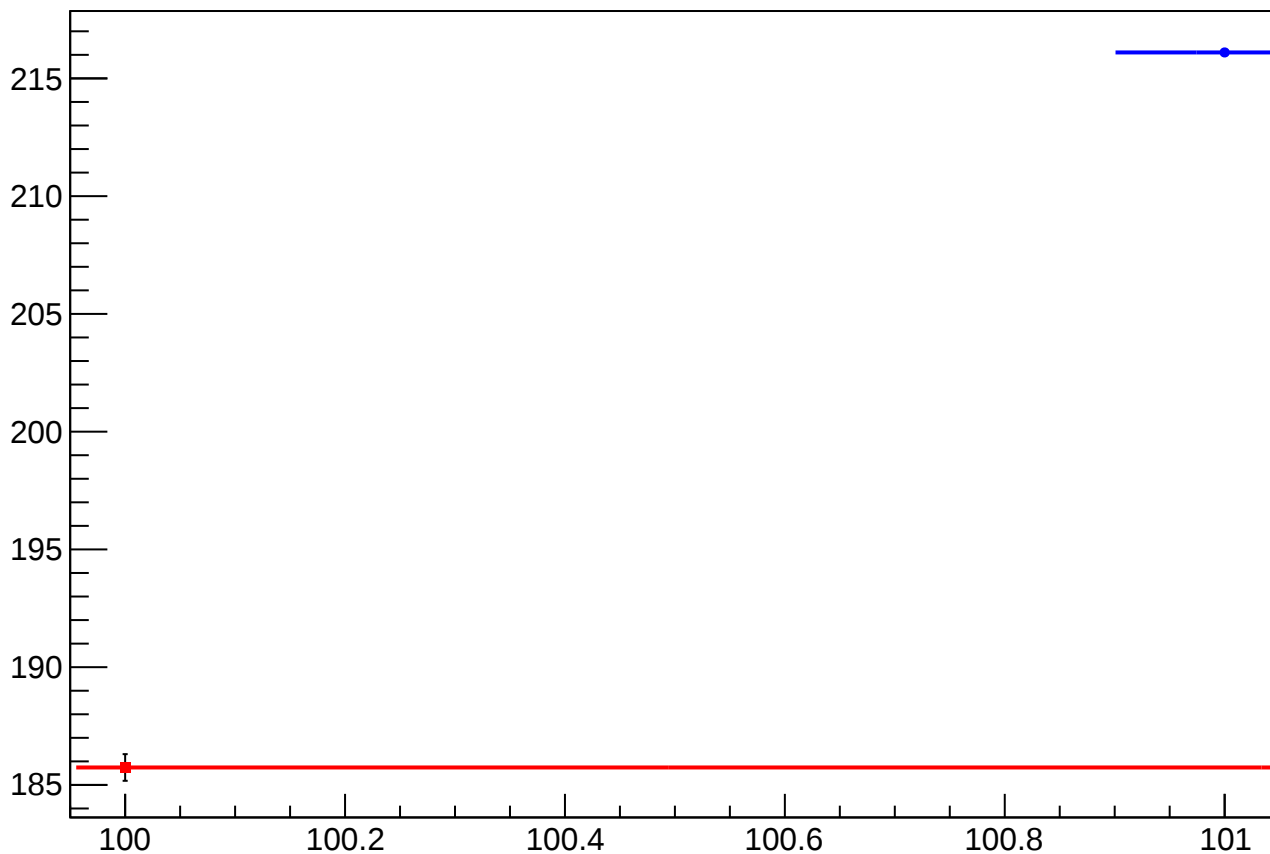
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

30.682+/-286.491 χ^2 /NDF: 0.0/0

57.509+/-269.734 χ^2 /NDF: 0.1/1

266.918+/-800.428 χ^2 /NDF: 0.0/0

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 216.102 $\pm$ 0.203 χ^2 /NDF: 0.0/0

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

Right Out: 185.742 $\pm$ 0.566 χ^2 /NDF: 0.0/0

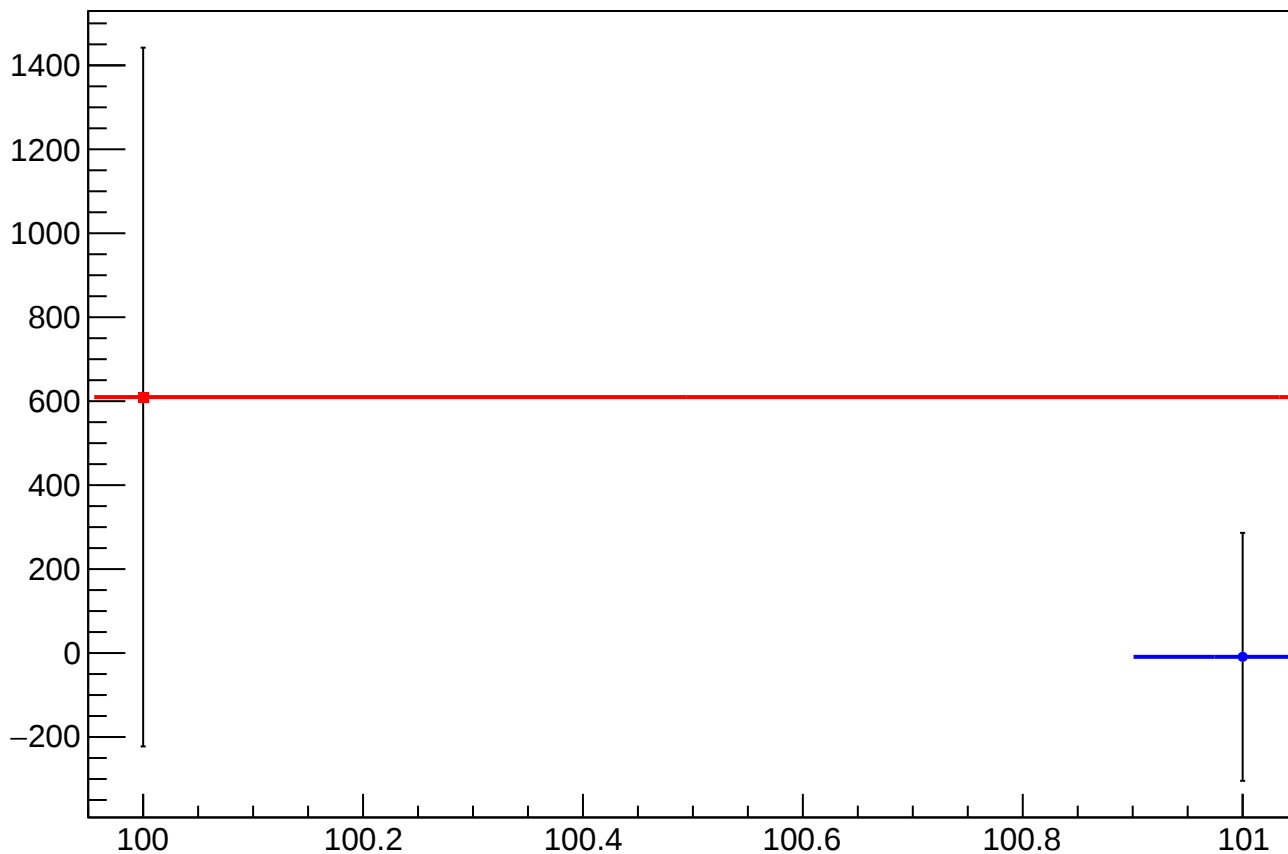
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

216.102 $\pm$ 0.203 χ^2 /NDF: 0.0/0

212.654 $\pm$ 0.191 χ^2 /NDF: 2550.7/1

185.742 $\pm$ 0.566 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -9.001+/-295.311 χ^2/NDF : 0.0/0

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

Right Out: 609.829+/-832.271 χ^2/NDF : 0.0/0

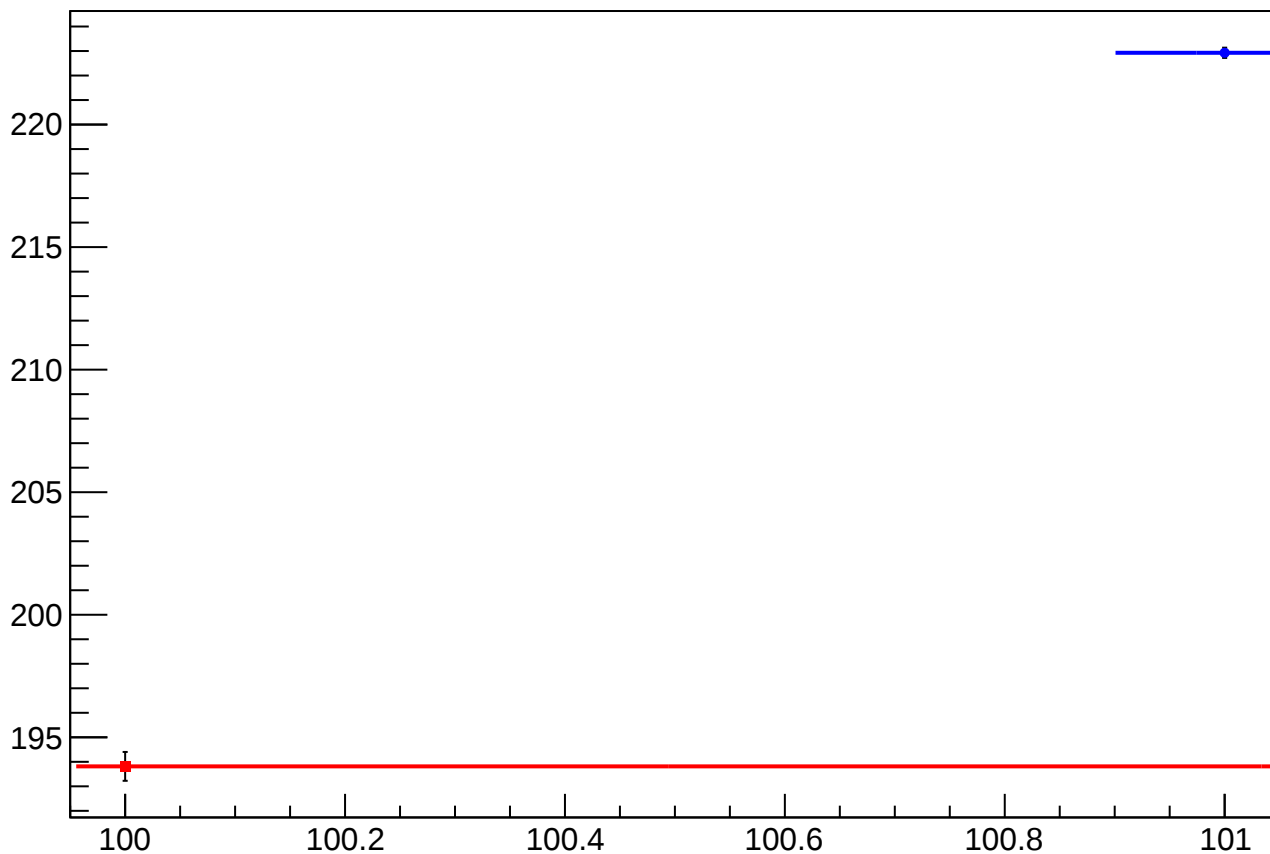
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-9.001+/-295.311 χ^2/NDF : 0.0/0

60.198+/-278.310 χ^2/NDF : 0.5/1

609.829+/-832.271 χ^2/NDF : 0.0/0

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 222.928 $\pm$ 0.209 χ^2 /NDF: 0.0/0

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

Right Out: 193.814 $\pm$ 0.589 χ^2 /NDF: 0.0/0

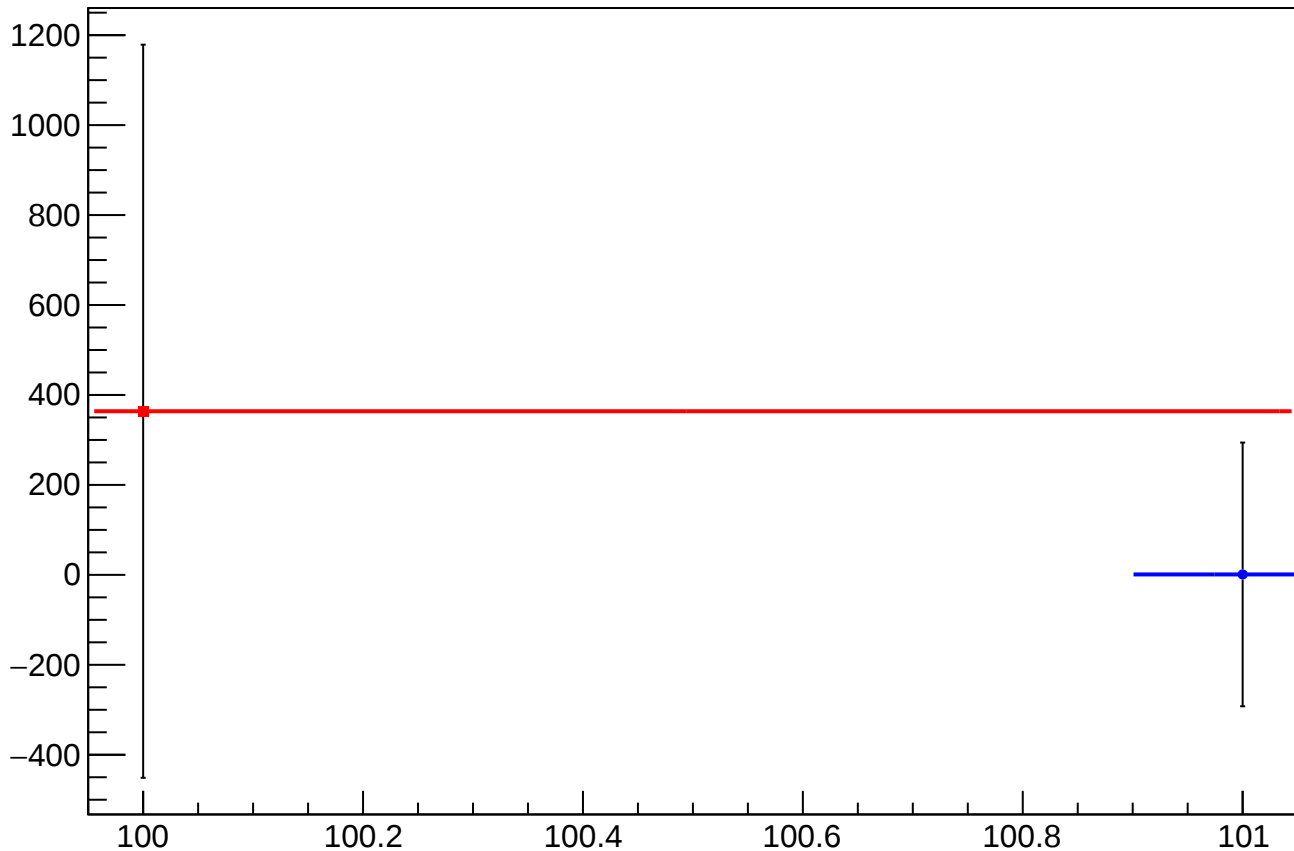
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

222.928 $\pm$ 0.209 χ^2 /NDF: 0.0/0

219.672 $\pm$ 0.197 χ^2 /NDF: 2173.7/1

193.814 $\pm$ 0.589 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 0.954+/-293.192 χ^2/NDF : 0.0/0

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

Right Out: 363.820+/-815.039 χ^2/NDF : 0.0/0

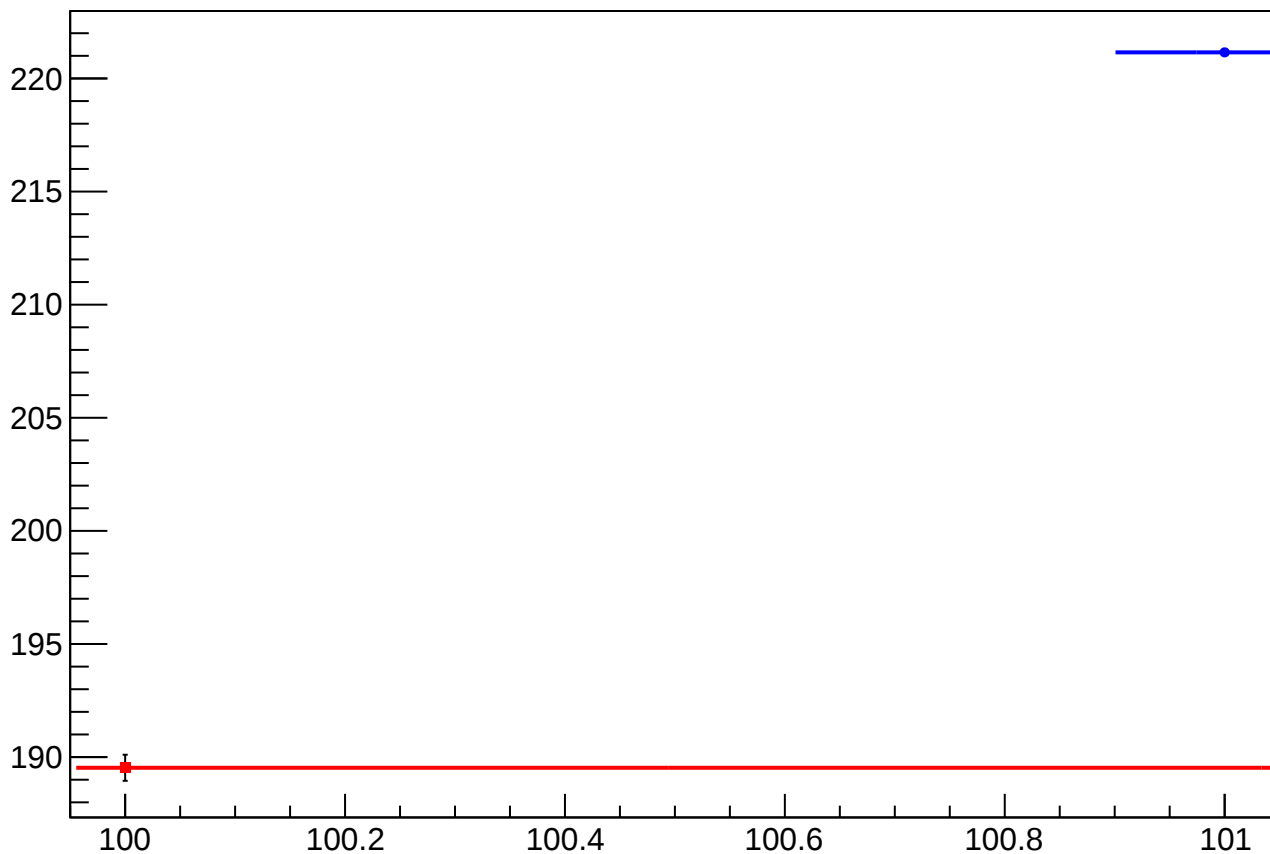
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.954+/-293.192 χ^2/NDF : 0.0/0

42.530+/-275.885 χ^2/NDF : 0.2/1

363.820+/-815.039 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 221.154 $\pm$ 0.207 χ^2 /NDF: 0.0/0

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

Right Out: 189.529 $\pm$ 0.576 χ^2 /NDF: 0.0/0

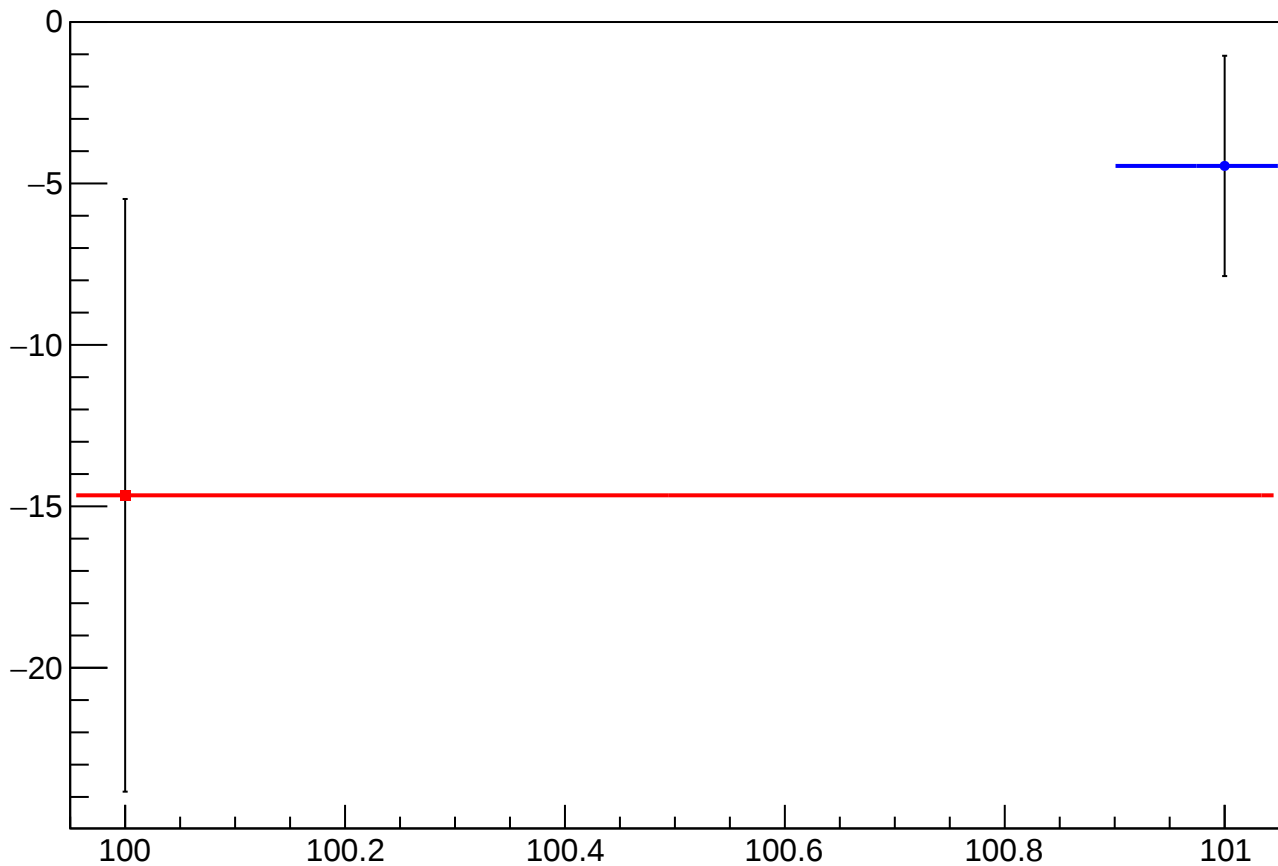
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

221.154 $\pm$ 0.207 χ^2 /NDF: 0.0/0

217.530 $\pm$ 0.195 χ^2 /NDF: 2666.2/1

189.529 $\pm$ 0.576 χ^2 /NDF: 0.0/0

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -4.457+/-3.412 χ^2 /NDF: 0.0/0

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

Right Out: -14.659+/-9.178 χ^2 /NDF: 0.0/0

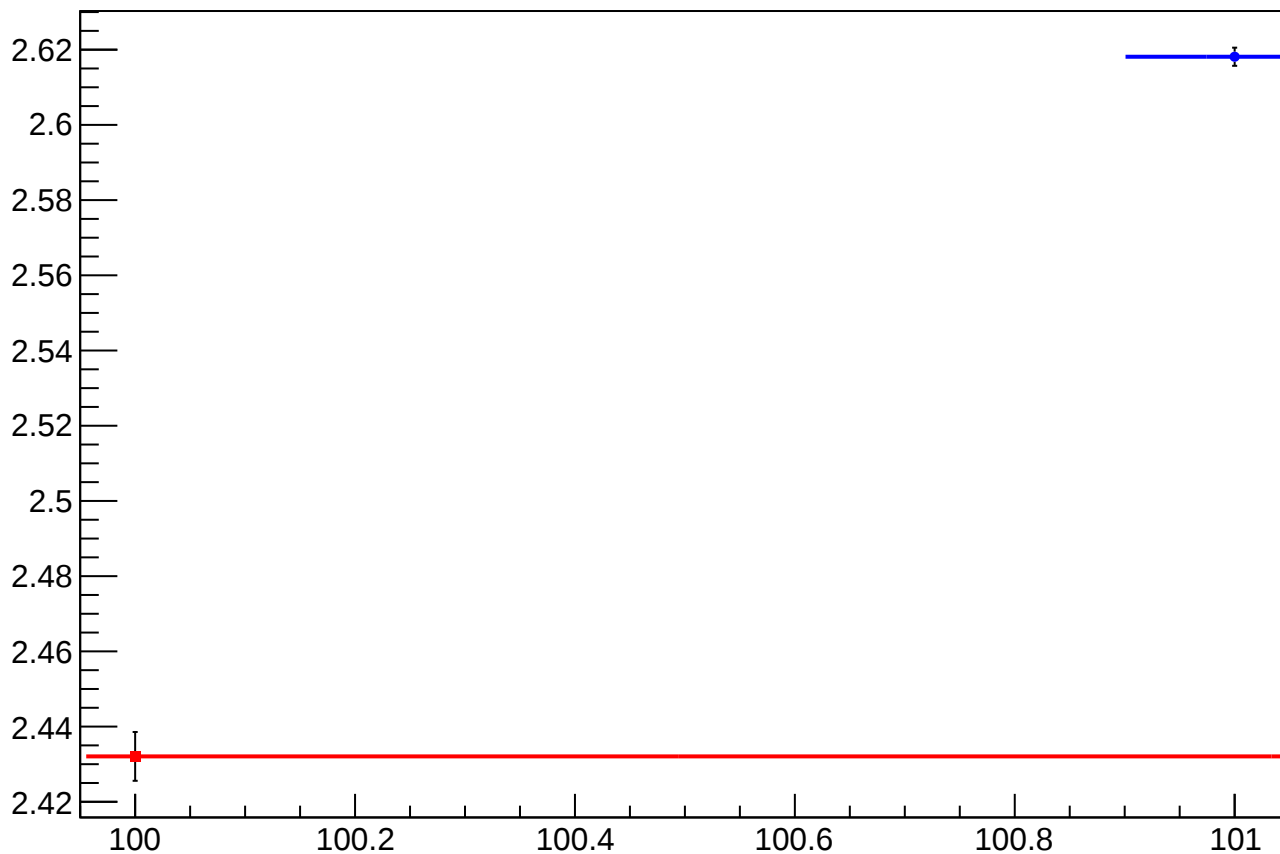
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.457+/-3.412 χ^2 /NDF: 0.0/0

-5.695+/-3.198 χ^2 /NDF: 1.1/1

-14.659+/-9.178 χ^2 /NDF: 0.0/0

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.618 $\pm$ 0.002 χ^2/NDF : 0.0/0

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

Right Out: 2.432 $\pm$ 0.006 χ^2/NDF : 0.0/0

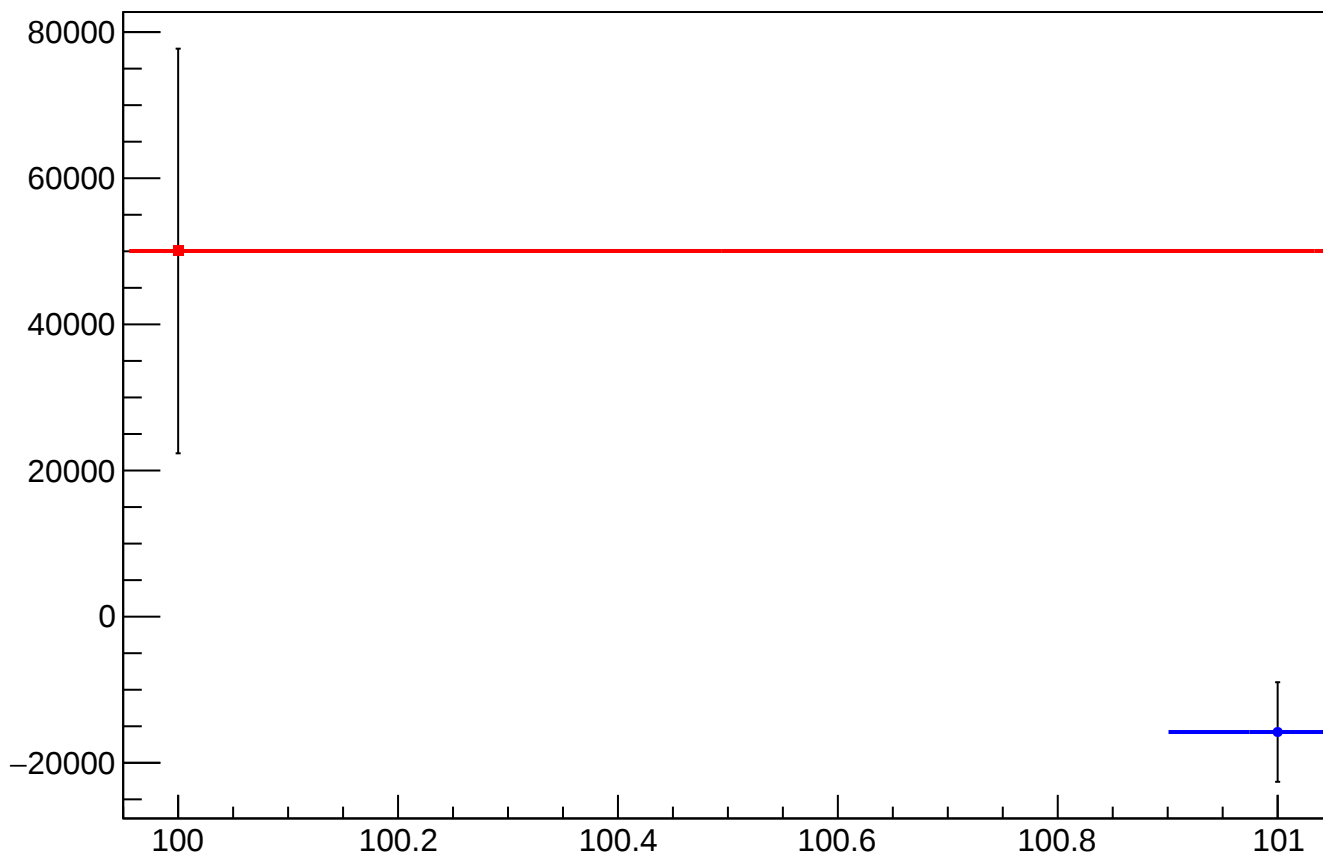
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

2.618 $\pm$ 0.002 χ^2/NDF : 0.0/0

2.596 $\pm$ 0.002 χ^2/NDF : 722.1/1

2.432 $\pm$ 0.006 χ^2/NDF : 0.0/0

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: -15784.364±/6813.576 χ^2 /NDF: 0.0/0

Left Out: 0.000±/0.000 χ^2 /NDF:0.0/0

Right Out: 50043.074±/27687.240 χ^2 /NDF: 0.0/0

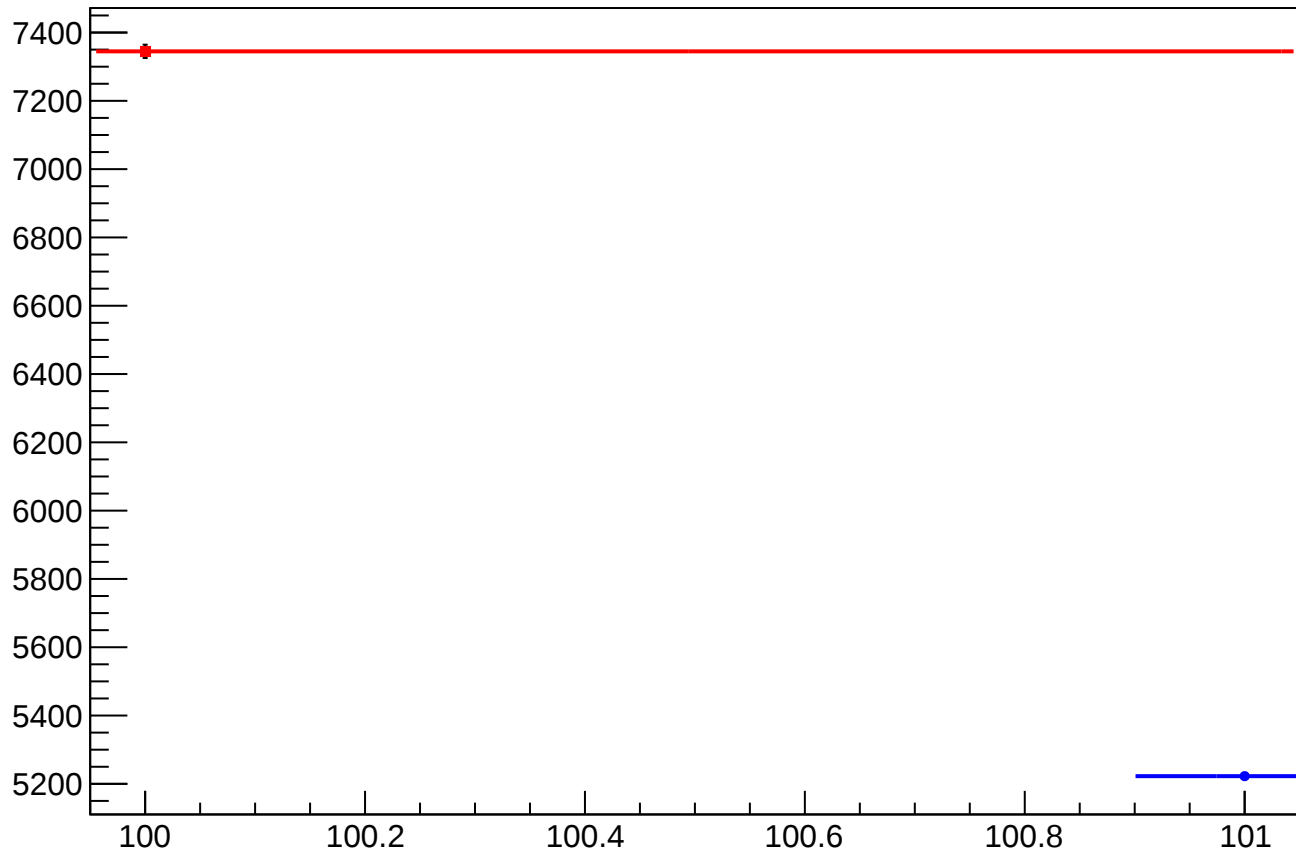
Left In: 0.000±/0.000 χ^2 /NDF:0.0/0

-15784.364±/6813.576 χ^2 /NDF: 0.0/0

-12025.451±/6616.180 χ^2 /NDF: 5.3/1

50043.074±/27687.240 χ^2 /NDF: 0.0/0

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 5222.505+/-4.818 χ^2/NDF : 0.0/0

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

Right Out: 7344.900+/-19.578 χ^2/NDF : 0.0/0

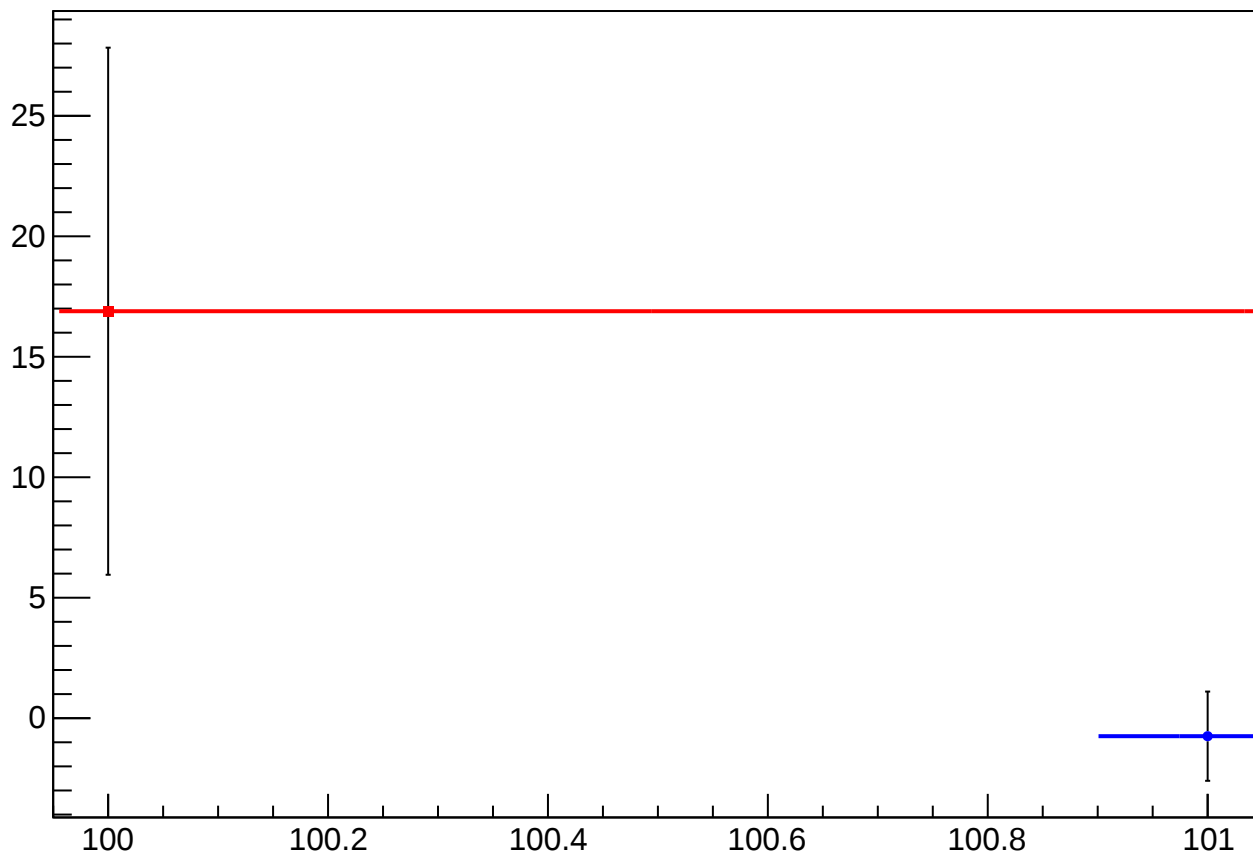
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

5222.505+/-4.818 χ^2/NDF : 0.0/0

5343.699+/-4.678 χ^2/NDF : 11081.2/1

7344.900+/-19.578 χ^2/NDF : 0.0/0

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: -0.747+/-1.852 χ^2 /NDF: 0.0/0

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

Right Out: 16.891+/-10.938 χ^2 /NDF: 0.0/0

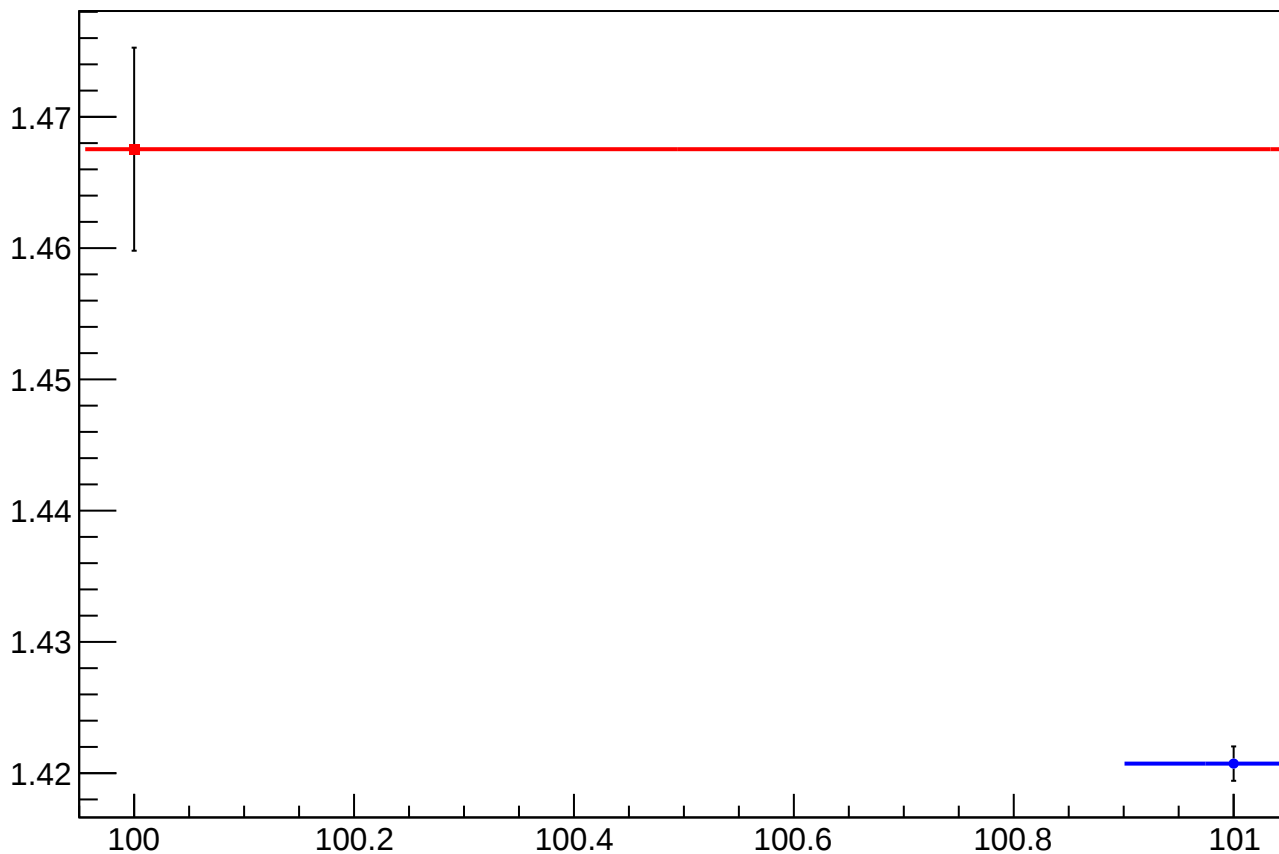
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.747+/-1.852 χ^2 /NDF: 0.0/0

-0.255+/-1.826 χ^2 /NDF: 2.5/1

16.891+/-10.938 χ^2 /NDF: 0.0/0

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.421 $\pm$ 0.001 χ^2 /NDF: 0.0/0

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

Right Out: 1.468 $\pm$ 0.008 χ^2 /NDF: 0.0/0

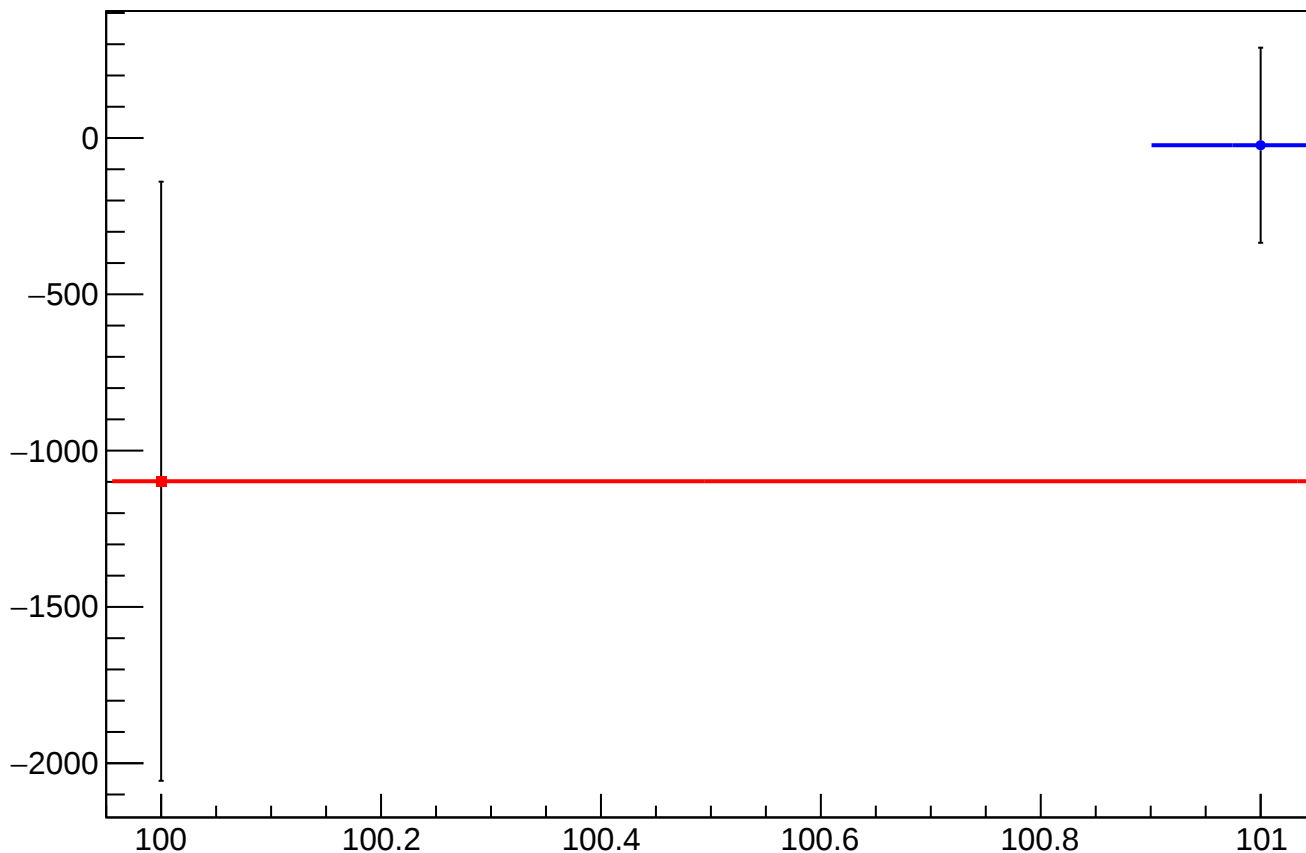
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.421 $\pm$ 0.001 χ^2 /NDF: 0.0/0

1.422 $\pm$ 0.001 χ^2 /NDF: 35.6/1

1.468 $\pm$ 0.008 χ^2 /NDF: 0.0/0

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -23.084+/-312.066 χ^2/NDF : 0.0/0

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

Right Out: -1097.946+/-958.252 χ^2/NDF : 0.0/0

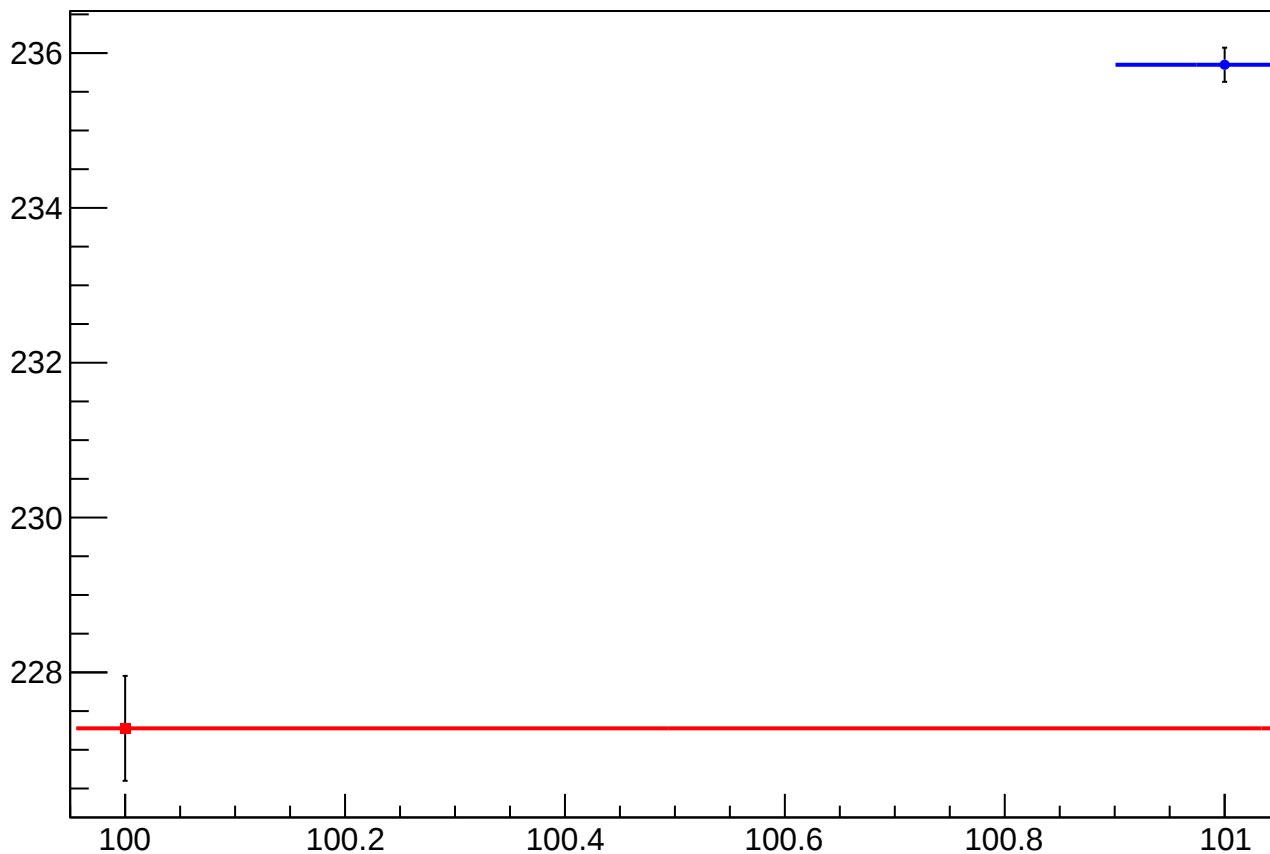
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-23.084+/-312.066 χ^2/NDF : 0.0/0

-126.149+/-296.728 χ^2/NDF : 1.1/1

-1097.946+/-958.252 χ^2/NDF : 0.0/0

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 235.849 $\pm$ 0.221 χ^2 /NDF: 0.0/0

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

Right Out: 227.277 $\pm$ 0.678 χ^2 /NDF: 0.0/0

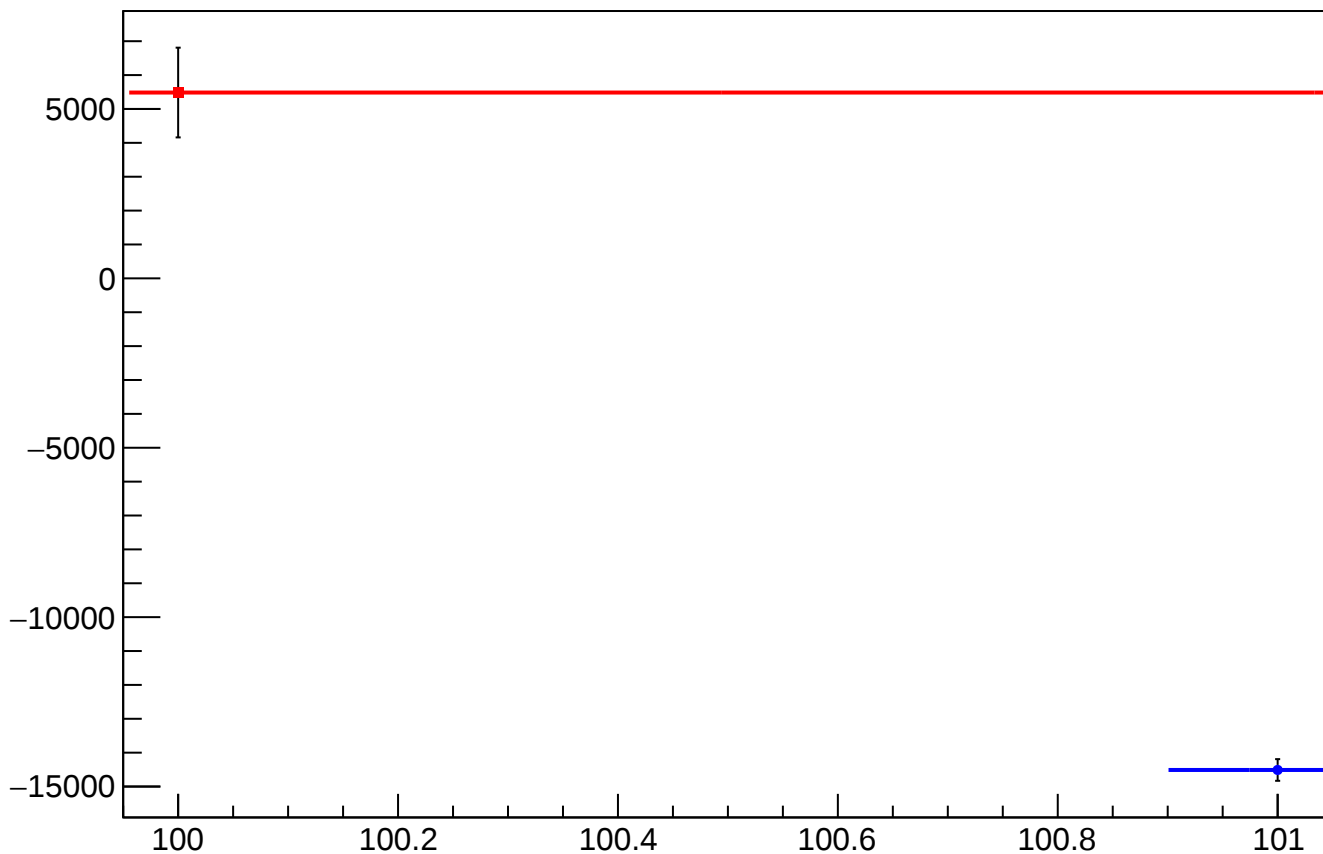
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

235.849 $\pm$ 0.221 χ^2 /NDF: 0.0/0

235.027 $\pm$ 0.210 χ^2 /NDF: 144.7/1

227.277 $\pm$ 0.678 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -14510.689+/-319.727 χ^2 /NDF: 0.0/0

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

Right Out: 5484.640+/-1324.390 χ^2 /NDF: 0.0/0

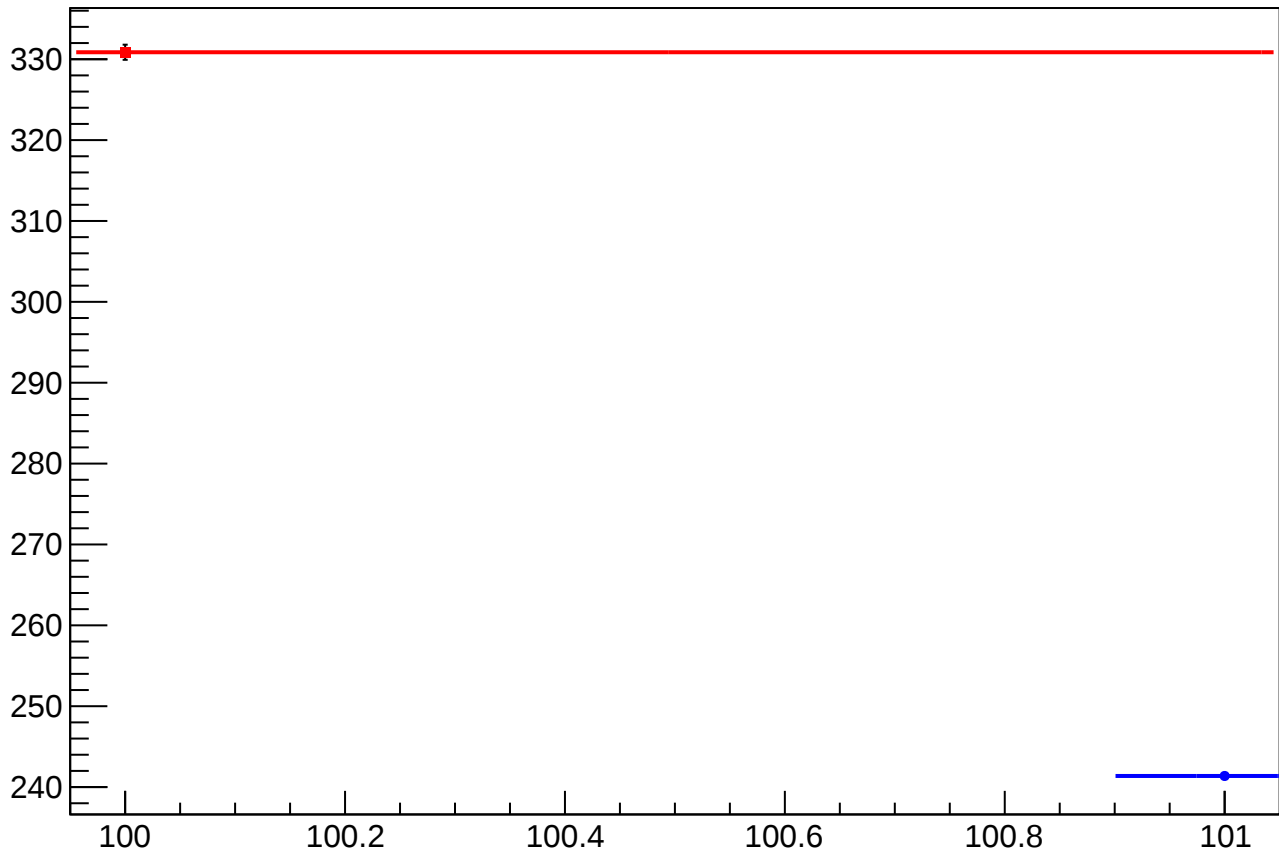
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-14510.689+/-319.727 χ^2 /NDF: 0.0/0

-13409.522+/-310.798 χ^2 /NDF: 215.4/1

5484.640+/-1324.390 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 241.374 $\pm$ 0.226 χ^2 /NDF: 0.0/0

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

Right Out: 330.863 $\pm$ 0.936 χ^2 /NDF: 0.0/0

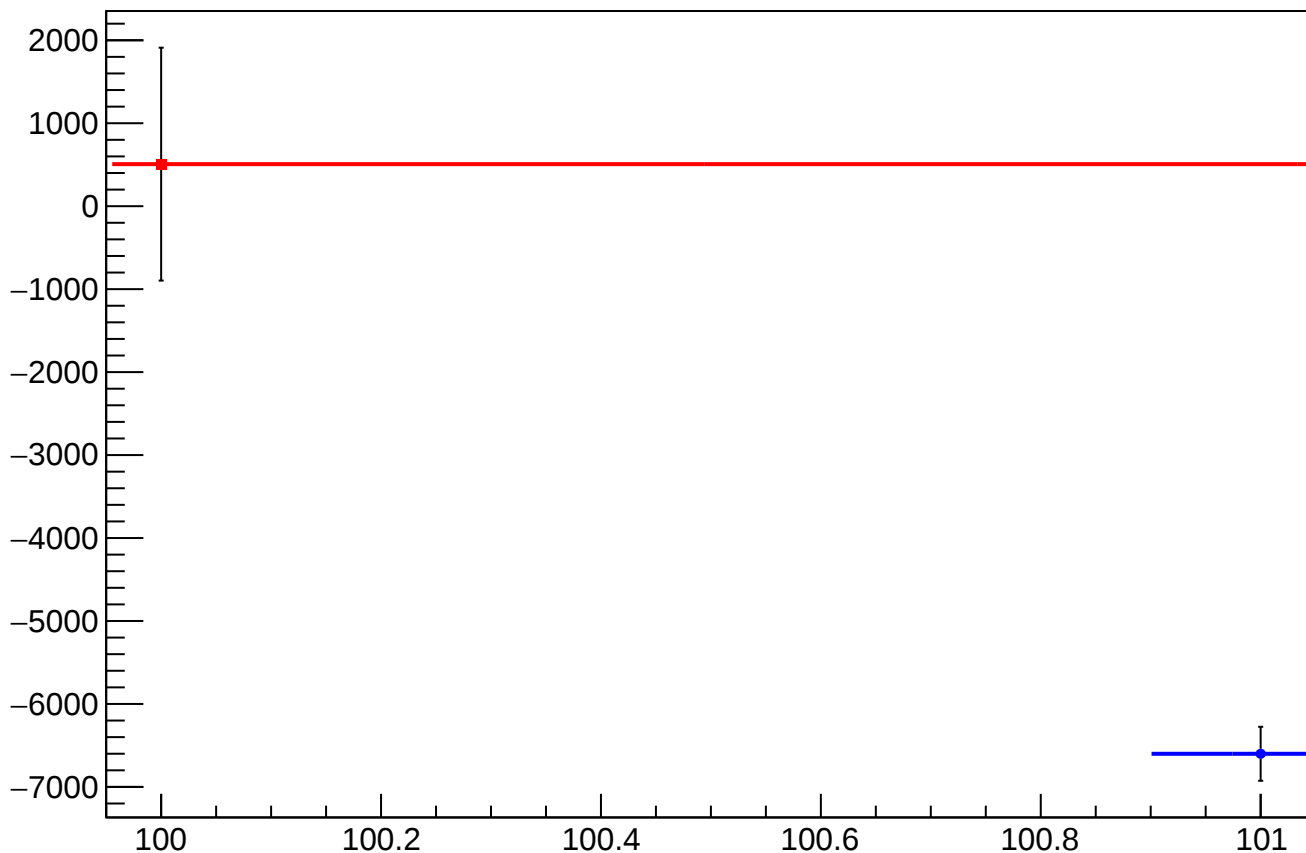
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

241.374 $\pm$ 0.226 χ^2 /NDF: 0.0/0

246.302 $\pm$ 0.220 χ^2 /NDF: 8628.5/1

330.863 $\pm$ 0.936 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -6600.834+/-325.496 χ^2/NDF : 0.0/0

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

Right Out: 506.942+/-1403.843 χ^2/NDF : 0.0/0

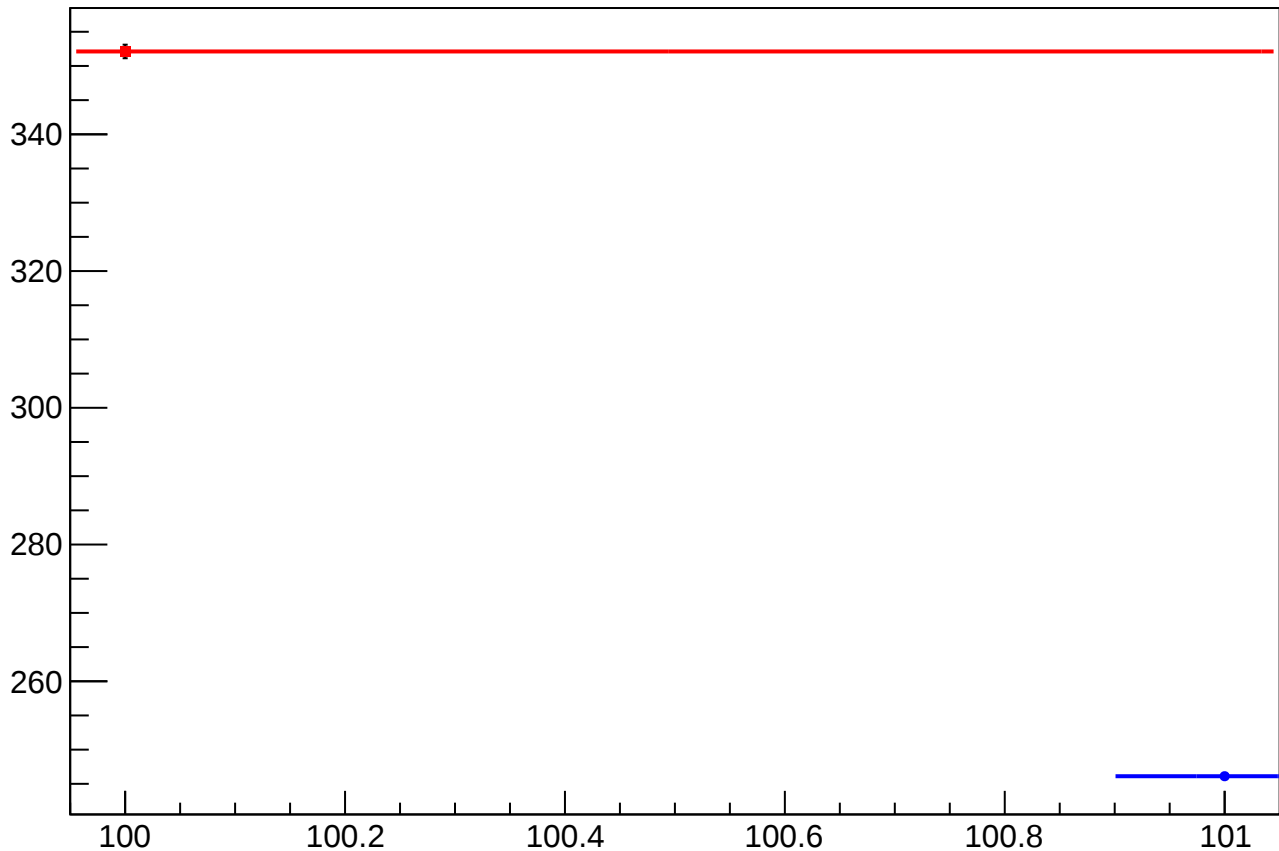
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6600.834+/-325.496 χ^2/NDF : 0.0/0

-6238.219+/-317.084 χ^2/NDF : 24.3/1

506.942+/-1403.843 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 246.112 $\pm$ 0.230 χ^2 /NDF: 0.0/0

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

Right Out: 352.120 $\pm$ 0.993 χ^2 /NDF: 0.0/0

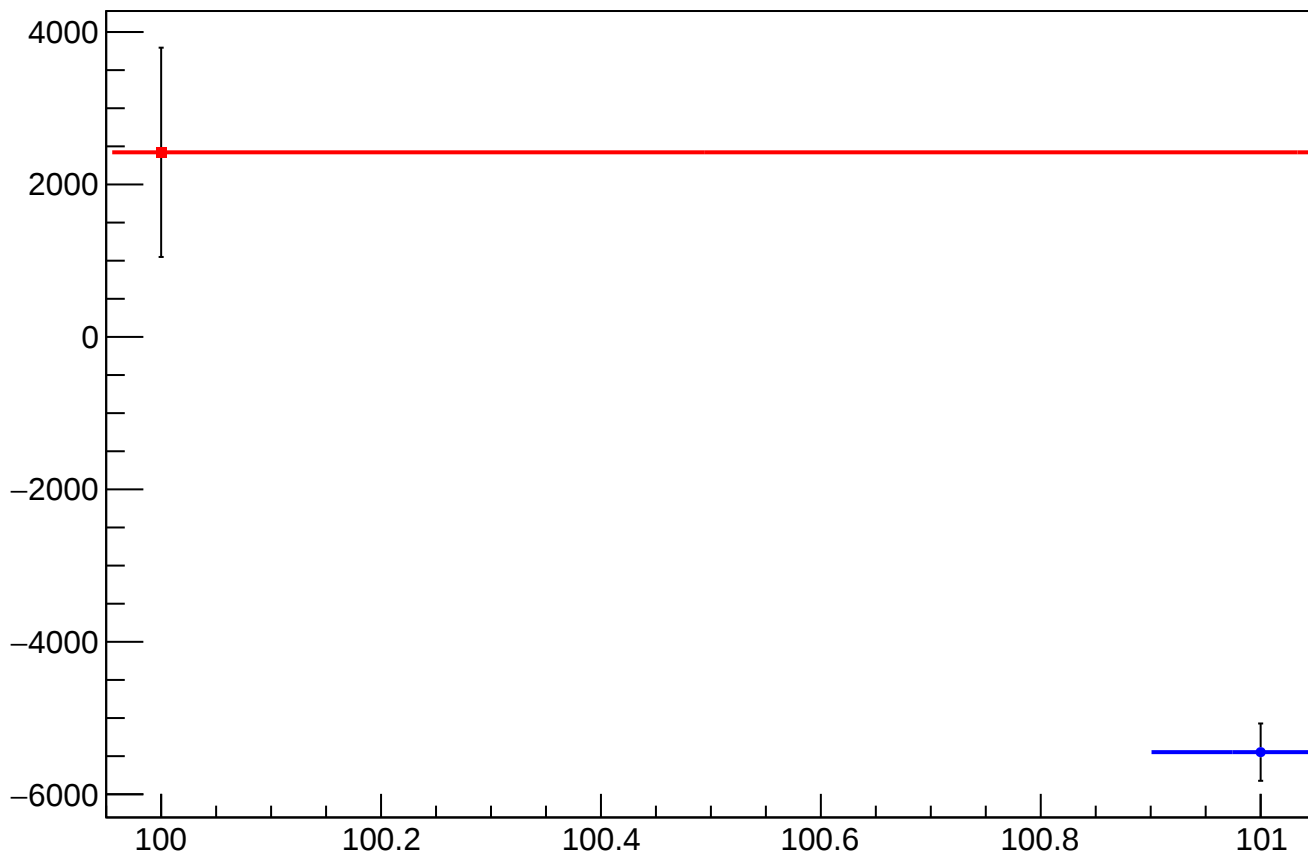
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

246.112 $\pm$ 0.230 χ^2 /NDF: 0.0/0

251.520 $\pm$ 0.224 χ^2 /NDF: 10822.6/1

352.120 $\pm$ 0.993 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -5447.317+/-375.955 χ^2 /NDF: 0.0/0

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

Right Out: 2421.723+/-1372.884 χ^2 /NDF: 0.0/0

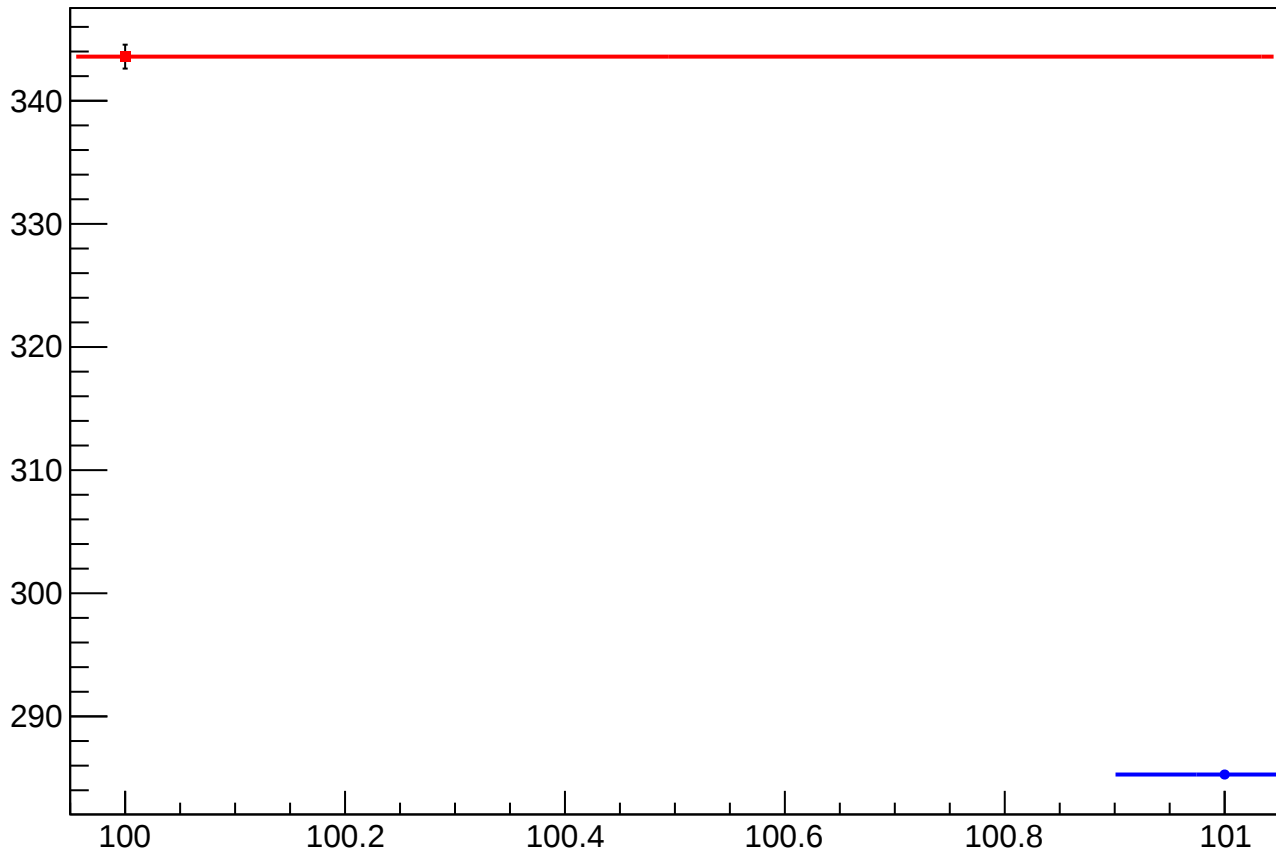
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-5447.317+/-375.955 χ^2 /NDF: 0.0/0

-4898.382+/-362.605 χ^2 /NDF: 30.6/1

2421.723+/-1372.884 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 285.279 $\pm$ 0.266 χ^2/NDF : 0.0/0

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

Right Out: 343.586 $\pm$ 0.971 χ^2/NDF : 0.0/0

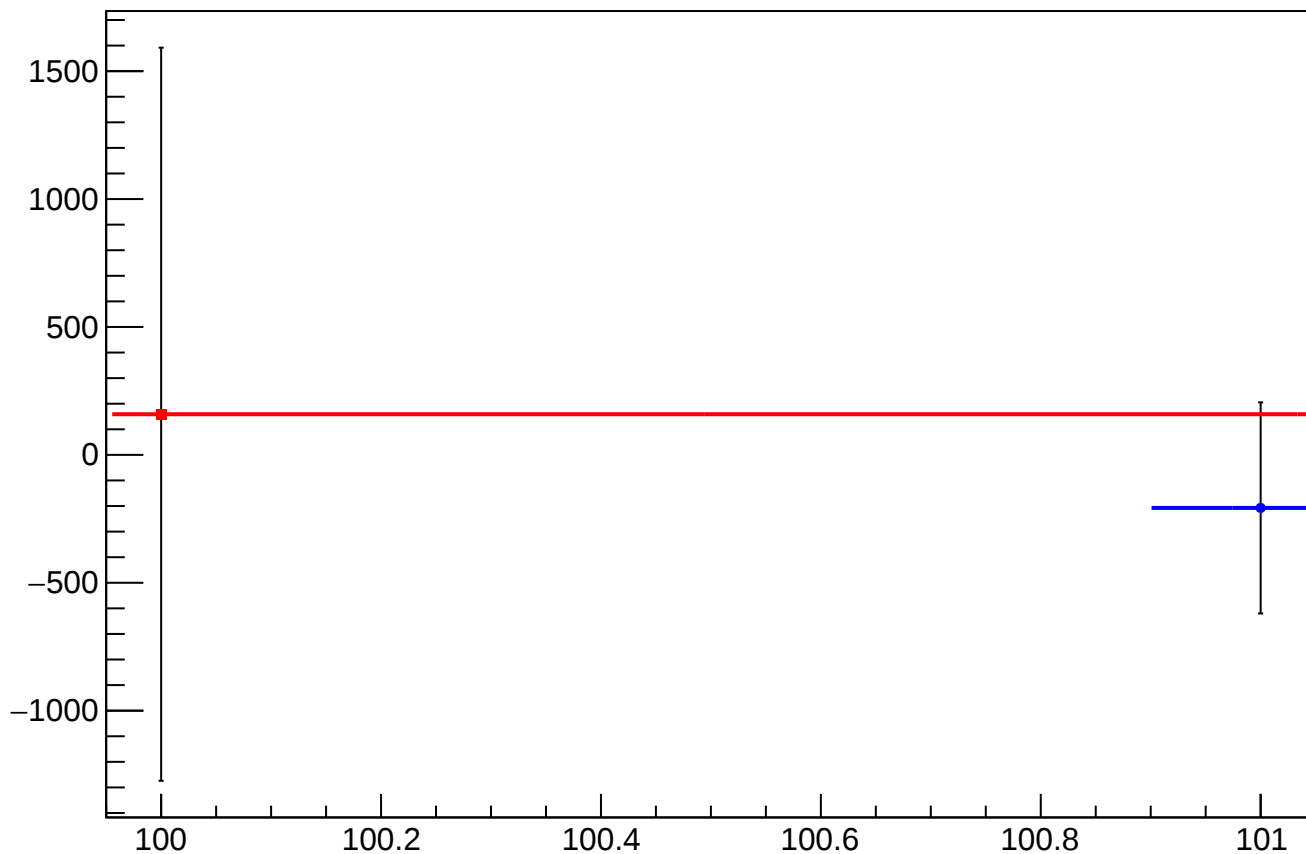
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

285.279 $\pm$ 0.266 χ^2/NDF : 0.0/0

289.346 $\pm$ 0.256 χ^2/NDF : 3355.8/1

343.586 $\pm$ 0.971 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -207.343±/-412.601 χ^2 /NDF: 0.0/0

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

Right Out: 158.859±/-1432.969 χ^2 /NDF: 0.0/0

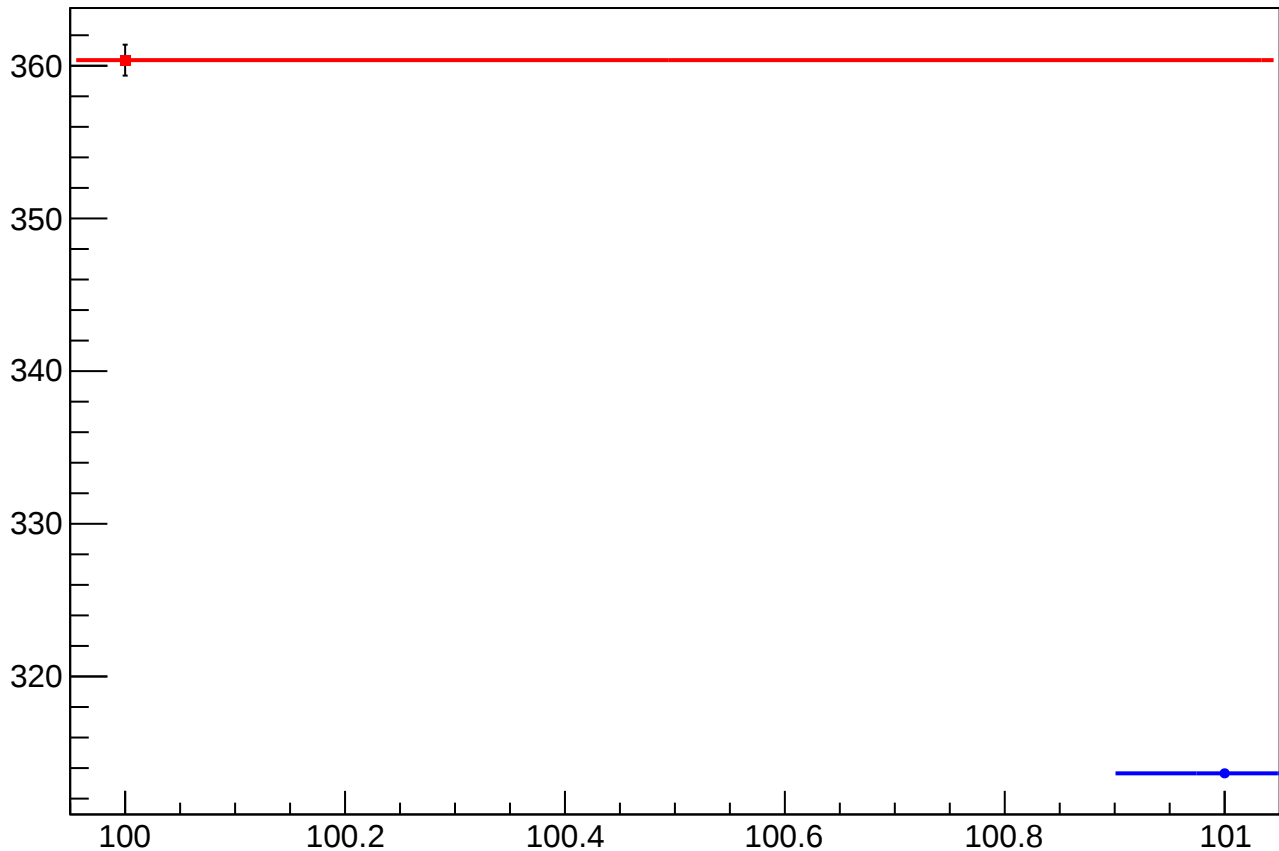
Left In: 0.000±/-0.000 χ^2 /NDF:0.0/0

-207.343±/-412.601 χ^2 /NDF: 0.0/0

-179.306±/-396.493 χ^2 /NDF: 0.1/1

158.859±/-1432.969 χ^2 /NDF: 0.0/0

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 313.655+/-0.292 χ^2 /NDF: 0.0/0

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

Right Out: 360.369+/-1.013 χ^2 /NDF: 0.0/0

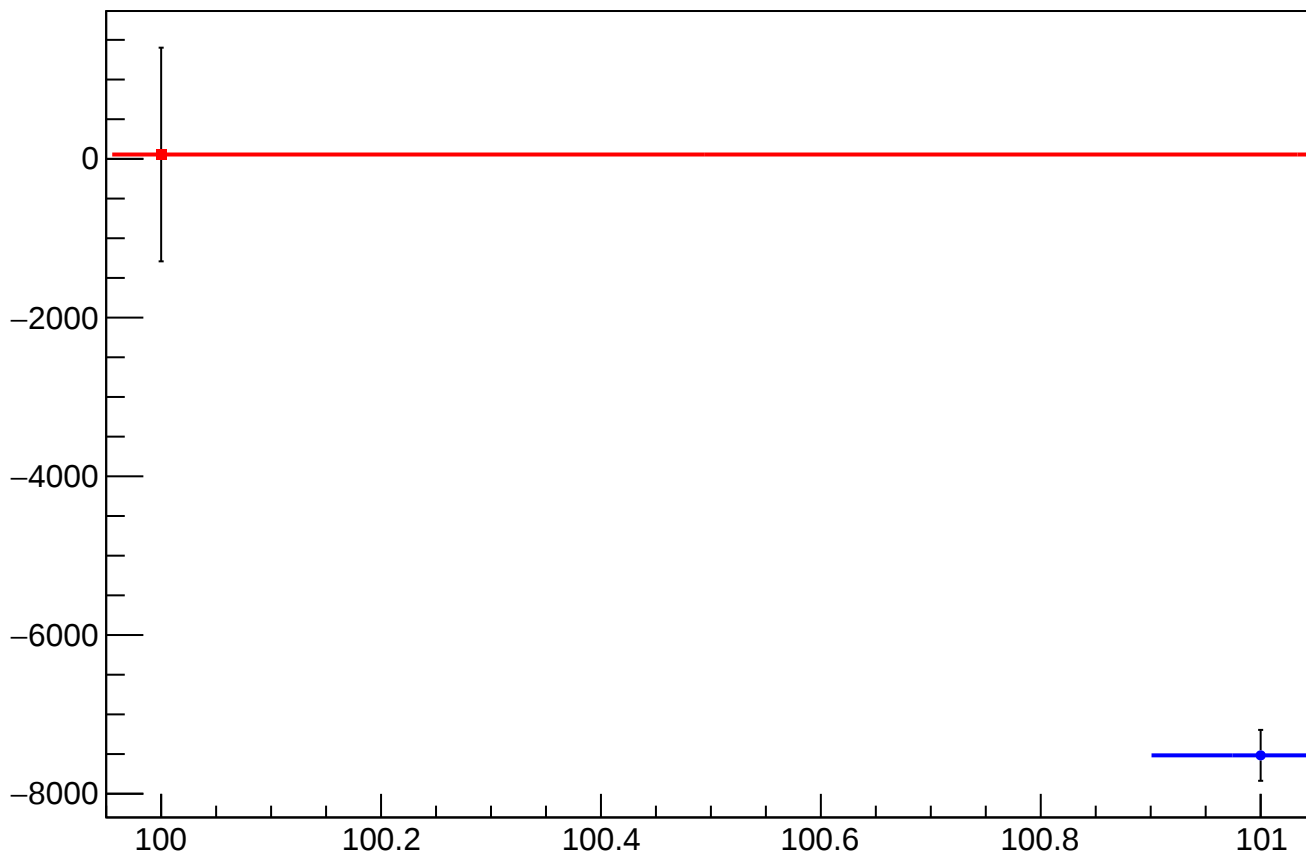
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

313.655+/-0.292 χ^2 /NDF: 0.0/0

317.231+/-0.280 χ^2 /NDF: 1962.7/1

360.369+/-1.013 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7516.304+/-320.658 χ^2 /NDF: 0.0/0

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

Right Out: 55.237+/-1346.304 χ^2 /NDF: 0.0/0

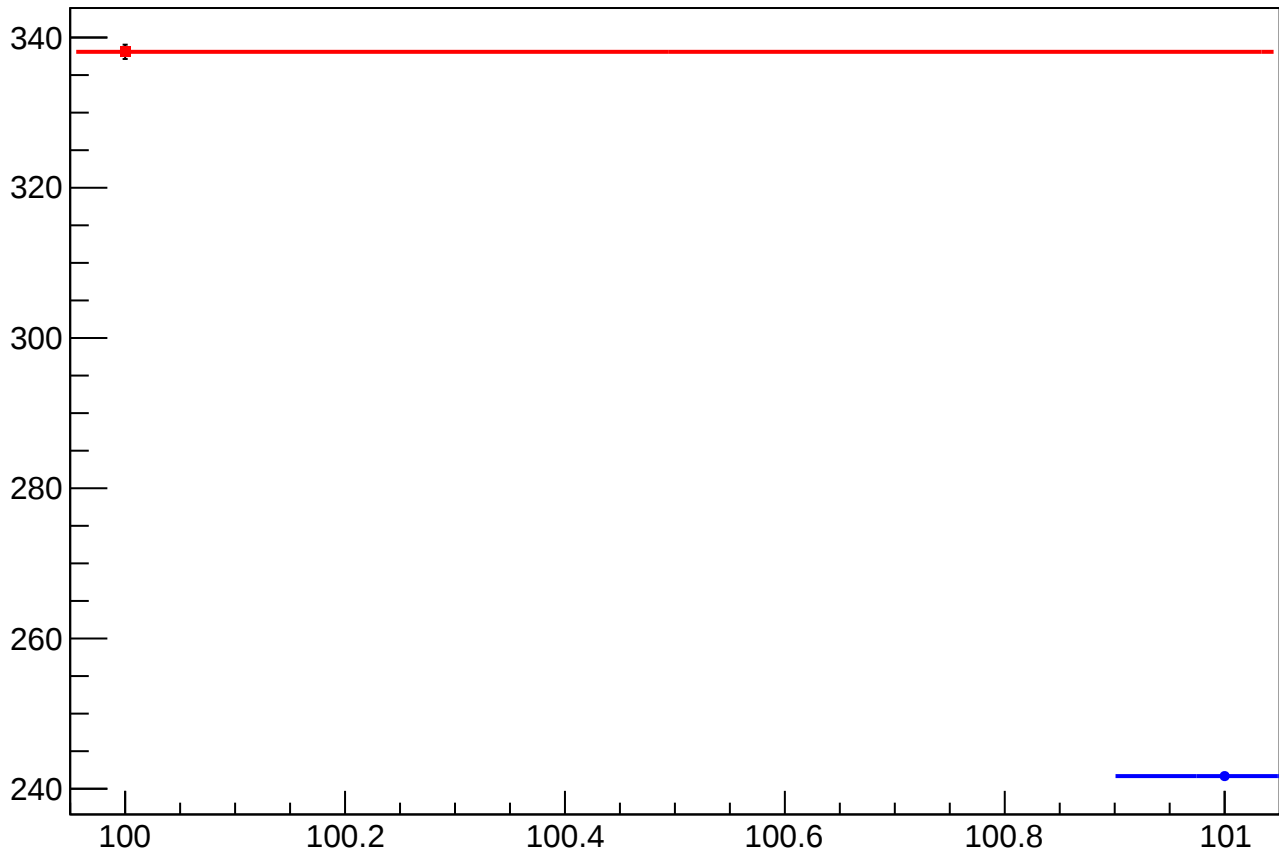
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7516.304+/-320.658 χ^2 /NDF: 0.0/0

-7109.844+/-311.932 χ^2 /NDF: 29.9/1

55.237+/-1346.304 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 241.685+/-0.227 χ^2/NDF : 0.0/0

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

Right Out: 338.095+/-0.952 χ^2/NDF : 0.0/0

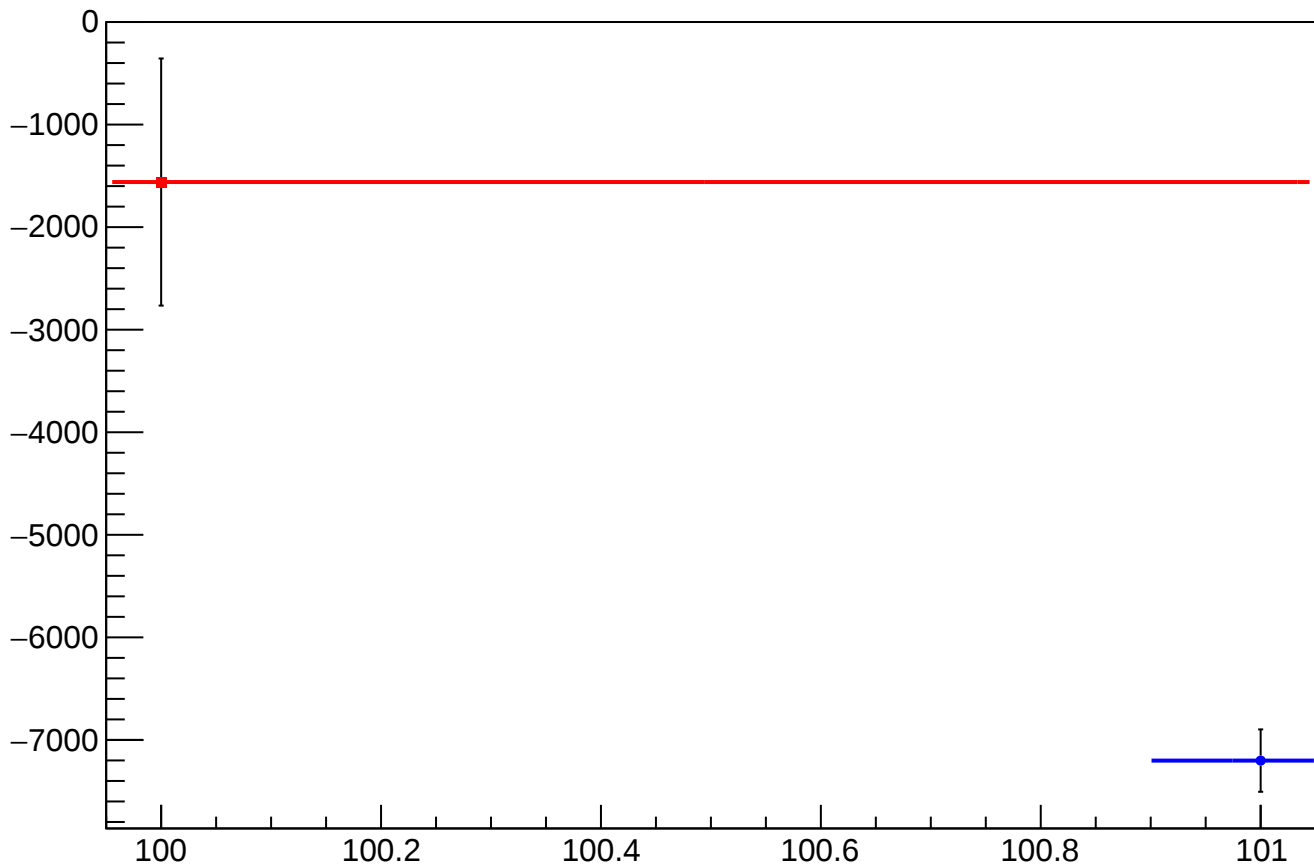
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

241.685+/-0.227 χ^2/NDF : 0.0/0

246.860+/-0.221 χ^2/NDF : 9705.7/1

338.095+/-0.952 χ^2/NDF : 0.0/0

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -7201.495+/-304.178 χ^2 /NDF: 0.0/0

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

Right Out: -1560.268+/-1204.729 χ^2 /NDF: 0.0/0

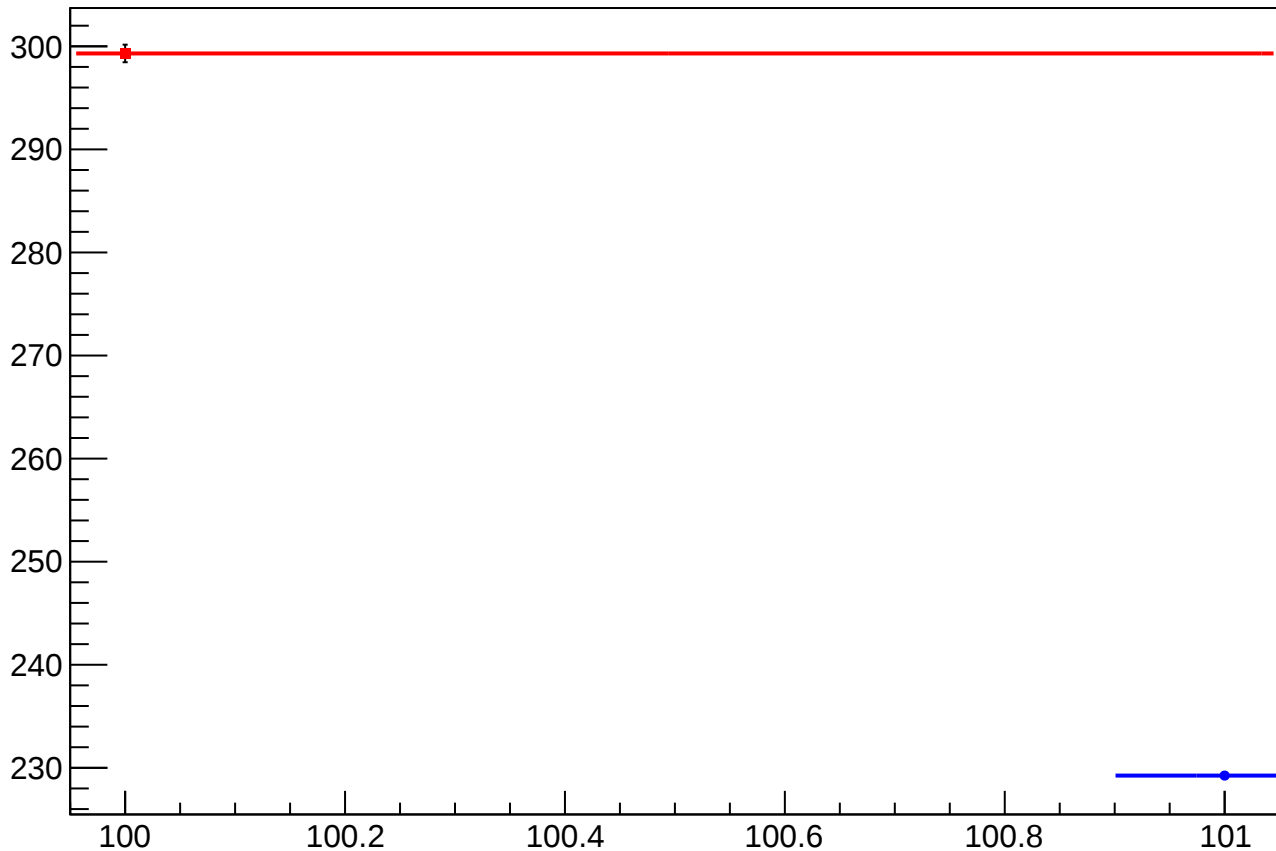
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7201.495+/-304.178 χ^2 /NDF: 0.0/0

-6863.421+/-294.923 χ^2 /NDF: 20.6/1

-1560.268+/-1204.729 χ^2 /NDF: 0.0/0

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 229.249 $\pm$ 0.215 χ^2 /NDF: 0.0/0

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

Right Out: 299.308 $\pm$ 0.852 χ^2 /NDF: 0.0/0

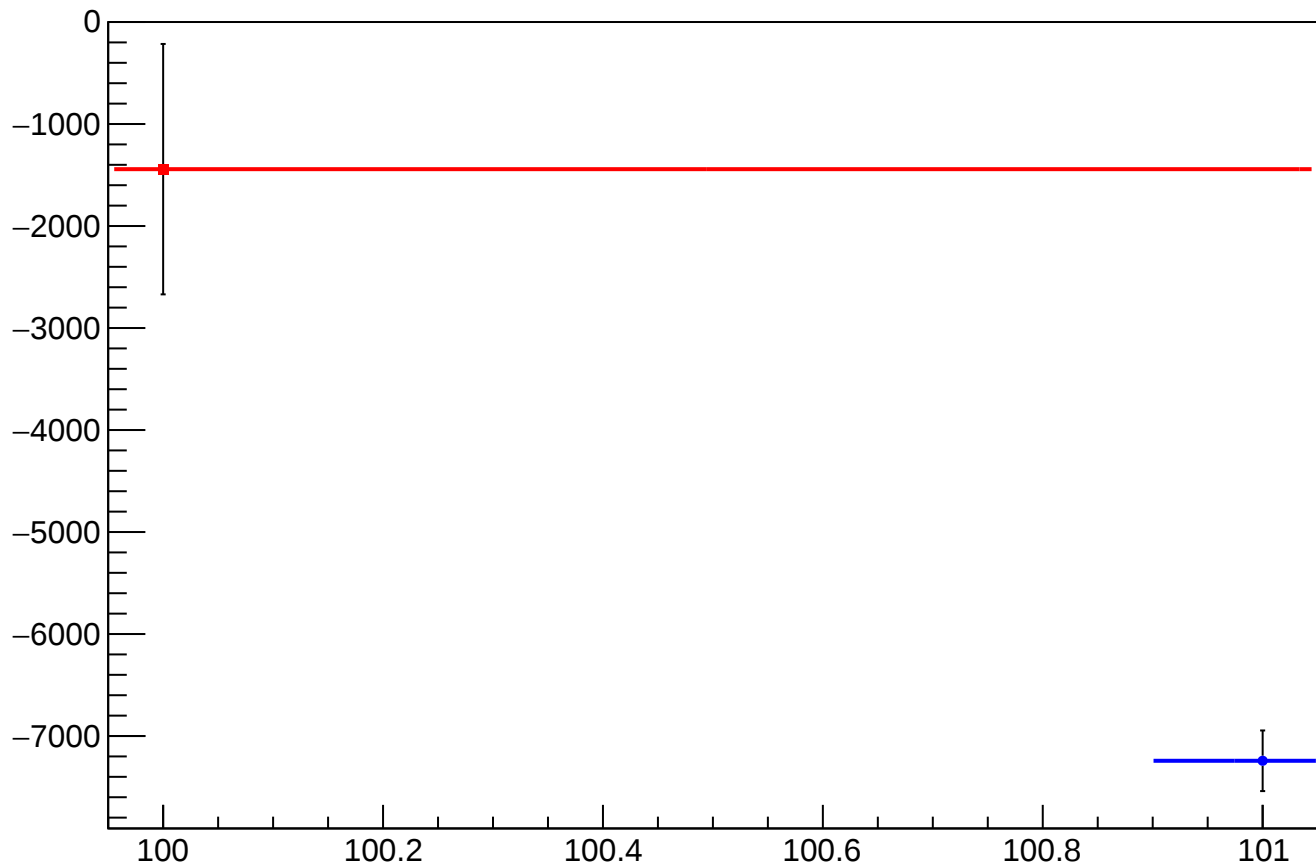
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

229.249 $\pm$ 0.215 χ^2 /NDF: 0.0/0

233.447 $\pm$ 0.209 χ^2 /NDF: 6358.3/1

299.308 $\pm$ 0.852 χ^2 /NDF: 0.0/0

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -7242.706+/-297.171 χ^2/NDF : 0.0/0

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

Right Out: -1442.630+/-1227.494 χ^2/NDF : 0.0/0

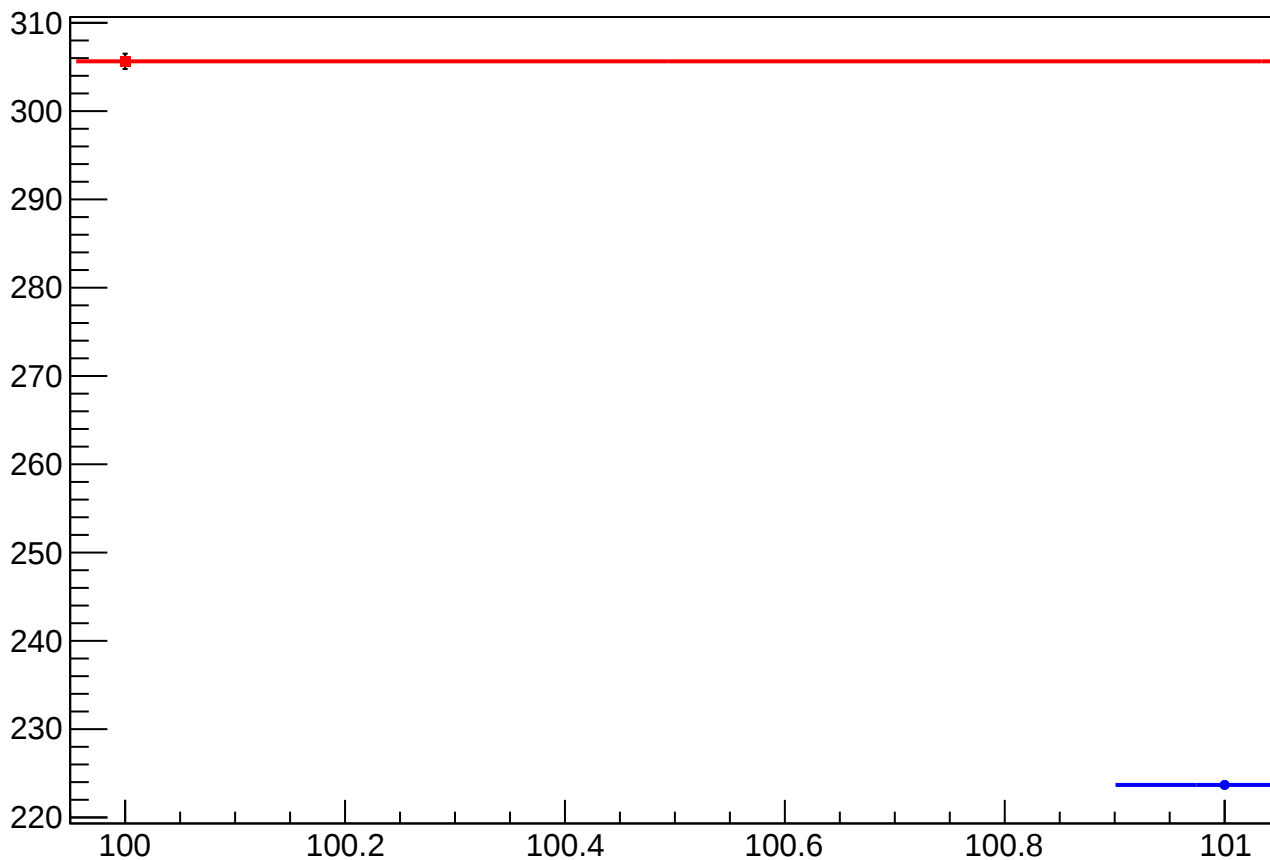
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7242.706+/-297.171 χ^2/NDF : 0.0/0

-6921.582+/-288.828 χ^2/NDF : 21.1/1

-1442.630+/-1227.494 χ^2/NDF : 0.0/0

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 223.681 $\pm$ 0.210 χ^2 /NDF: 0.0/0

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

Right Out: 305.639 $\pm$ 0.868 χ^2 /NDF: 0.0/0

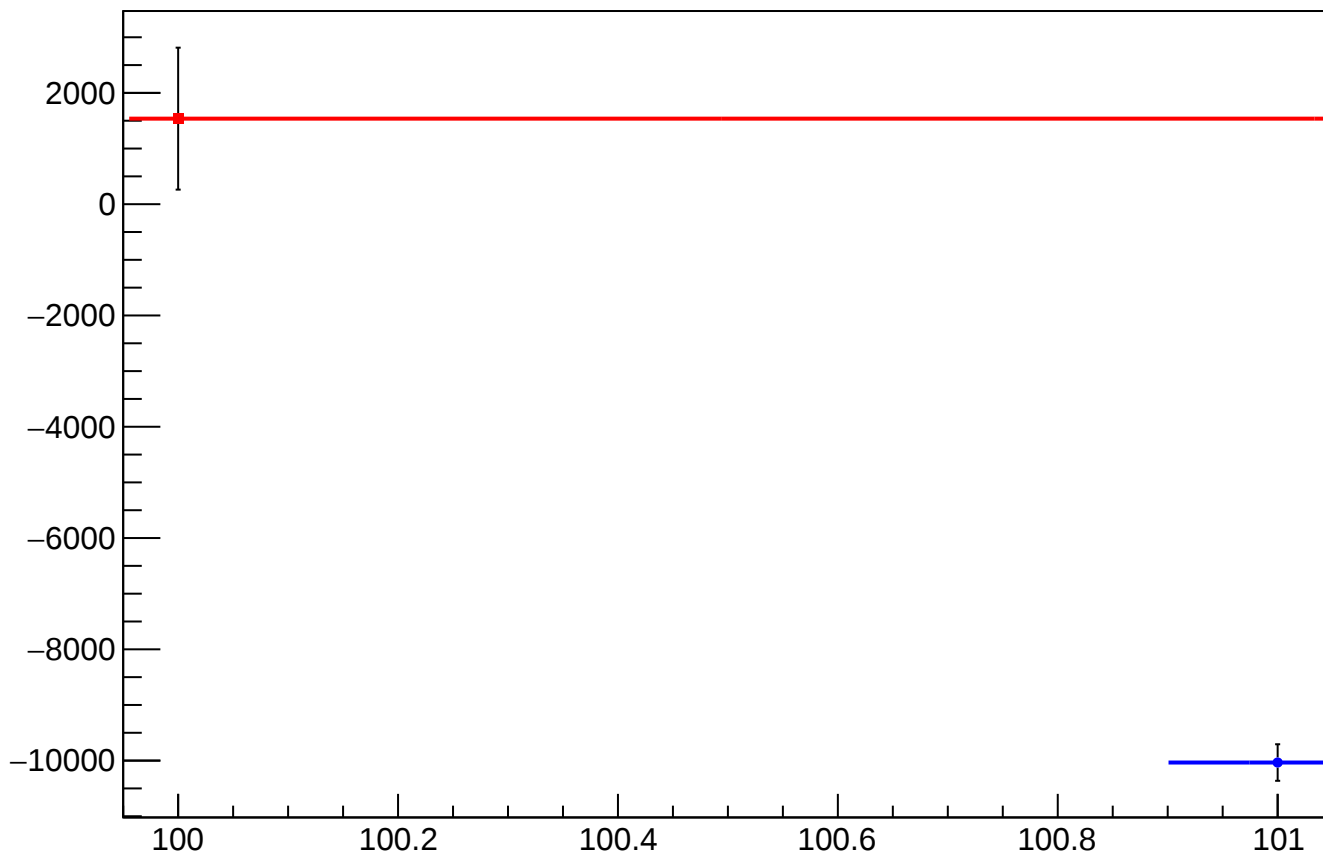
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

223.681 $\pm$ 0.210 χ^2 /NDF: 0.0/0

228.219 $\pm$ 0.204 χ^2 /NDF: 8422.3/1

305.639 $\pm$ 0.868 χ^2 /NDF: 0.0/0

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: -10034.533+/-328.389 χ^2/NDF : 0.0/0

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

Right Out: 1537.347+/-1275.571 χ^2/NDF : 0.0/0

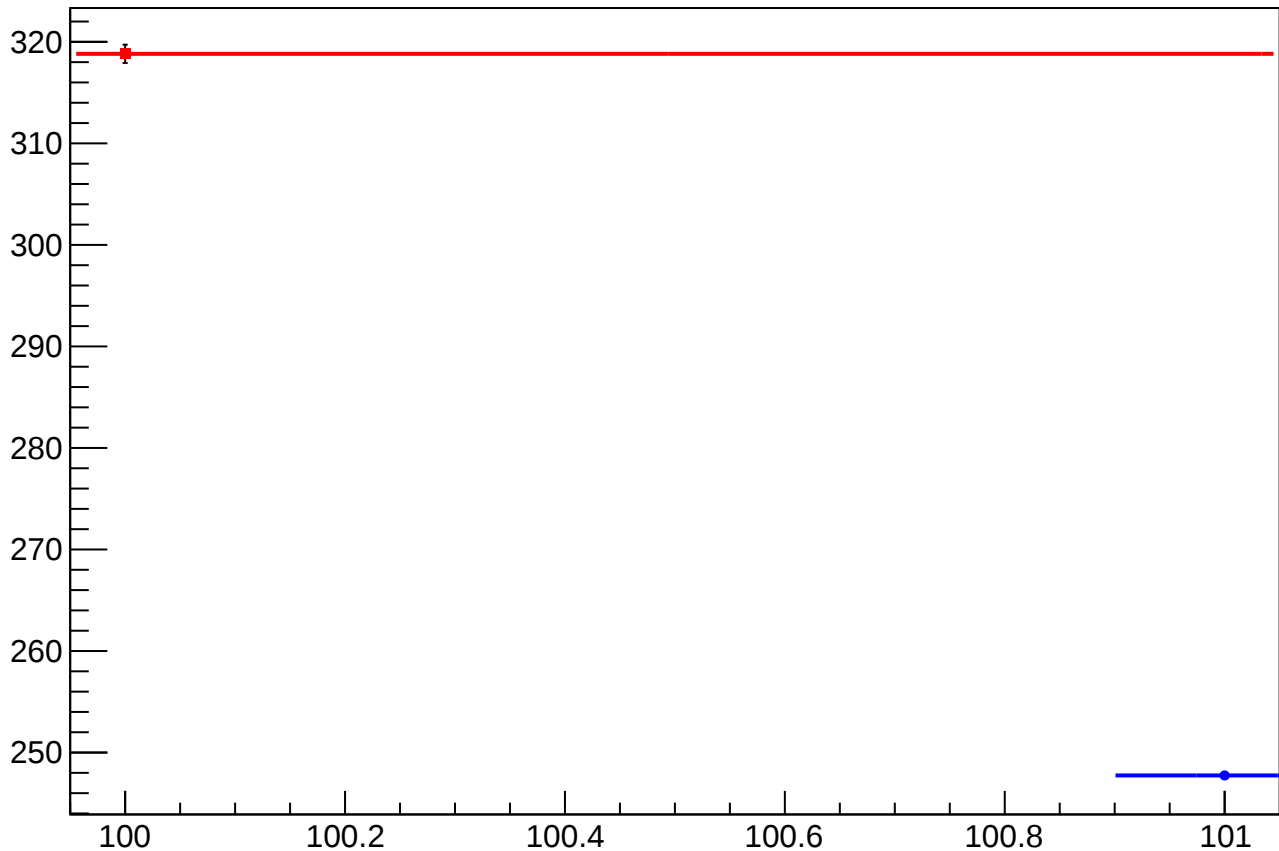
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-10034.533+/-328.389 χ^2/NDF : 0.0/0

-9315.247+/-318.019 χ^2/NDF : 77.2/1

1537.347+/-1275.571 χ^2/NDF : 0.0/0

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 247.746 $\pm$ 0.232 χ^2 /NDF: 0.0/0

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

Right Out: 318.819 $\pm$ 0.902 χ^2 /NDF: 0.0/0

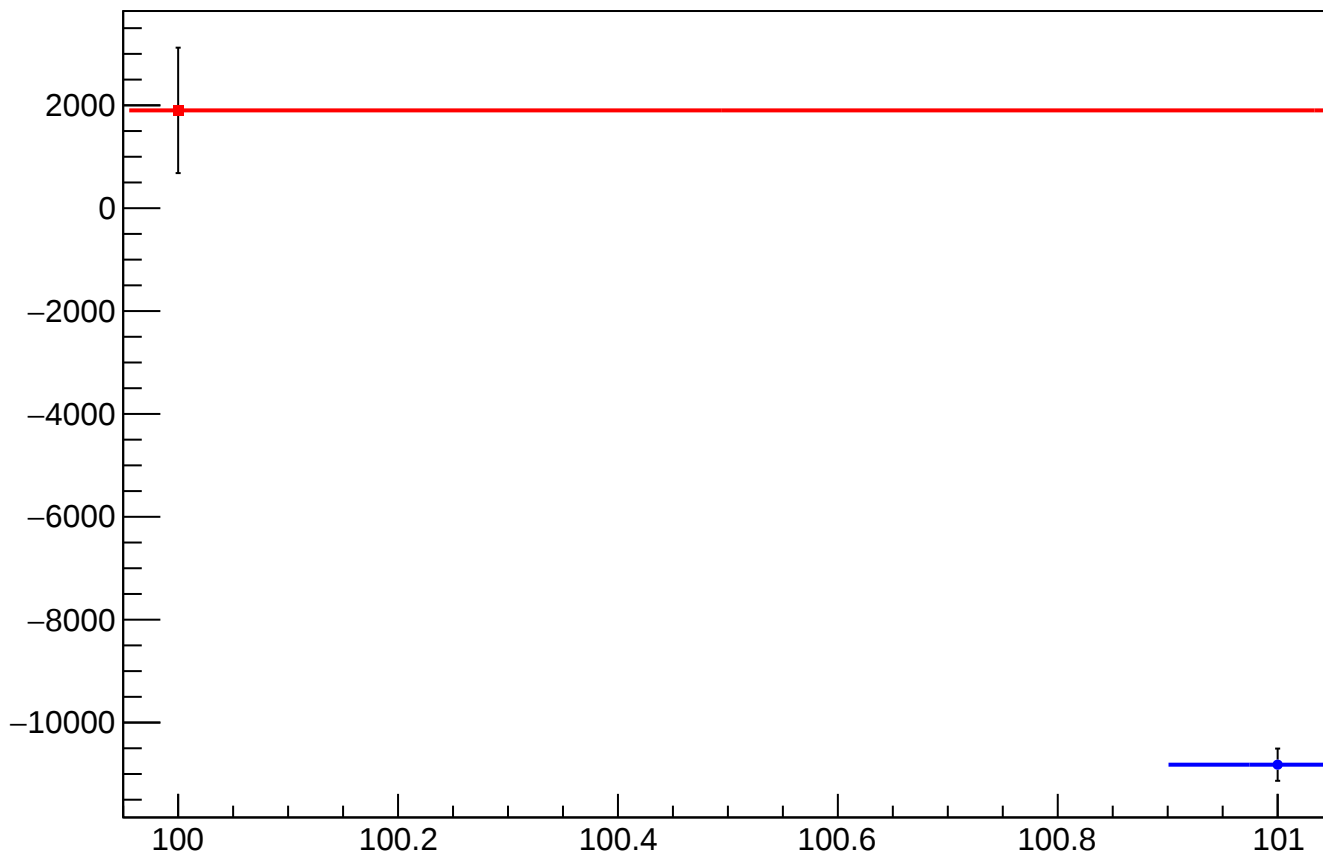
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

247.746 $\pm$ 0.232 χ^2 /NDF: 0.0/0

252.163 $\pm$ 0.225 χ^2 /NDF: 5823.2/1

318.819 $\pm$ 0.902 χ^2 /NDF: 0.0/0

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: -10819.114 $\pm$ 313.259 χ^2/NDF : 0.0/0

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

Right Out: 1901.483 $\pm$ 1219.233 χ^2/NDF : 0.0/0

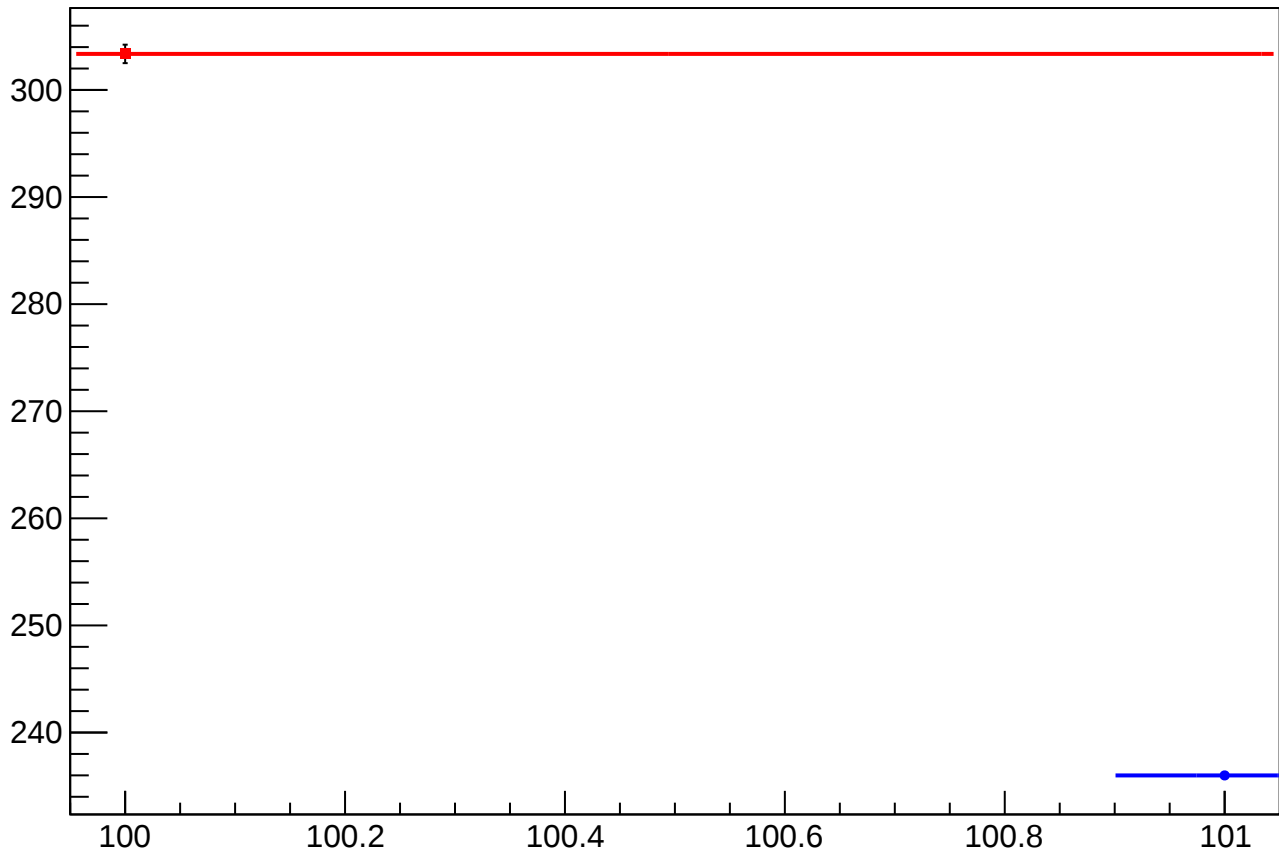
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-10819.114 $\pm$ 313.259 χ^2/NDF : 0.0/0

-10031.384 $\pm$ 303.404 χ^2/NDF : 102.1/1

1901.483 $\pm$ 1219.233 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 235.994 $\pm$ 0.222 χ^2 /NDF: 0.0/0

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

Right Out: 303.365 $\pm$ 0.862 χ^2 /NDF: 0.0/0

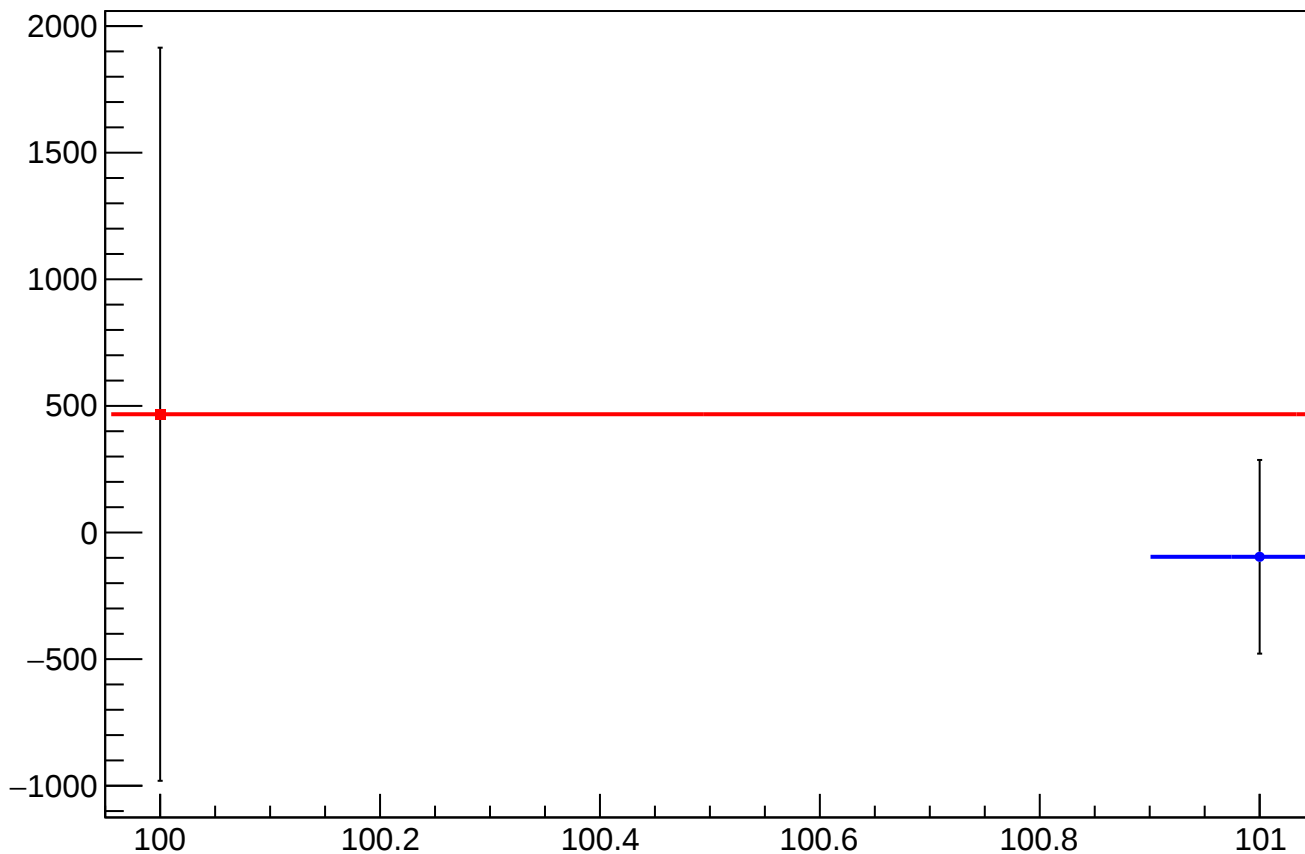
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

235.994 $\pm$ 0.222 χ^2 /NDF: 0.0/0

240.166 $\pm$ 0.215 χ^2 /NDF: 5728.5/1

303.365 $\pm$ 0.862 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -95.876+/-382.412 χ^2 /NDF: 0.0/0

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

Right Out: 467.114+/-1447.597 χ^2 /NDF: 0.0/0

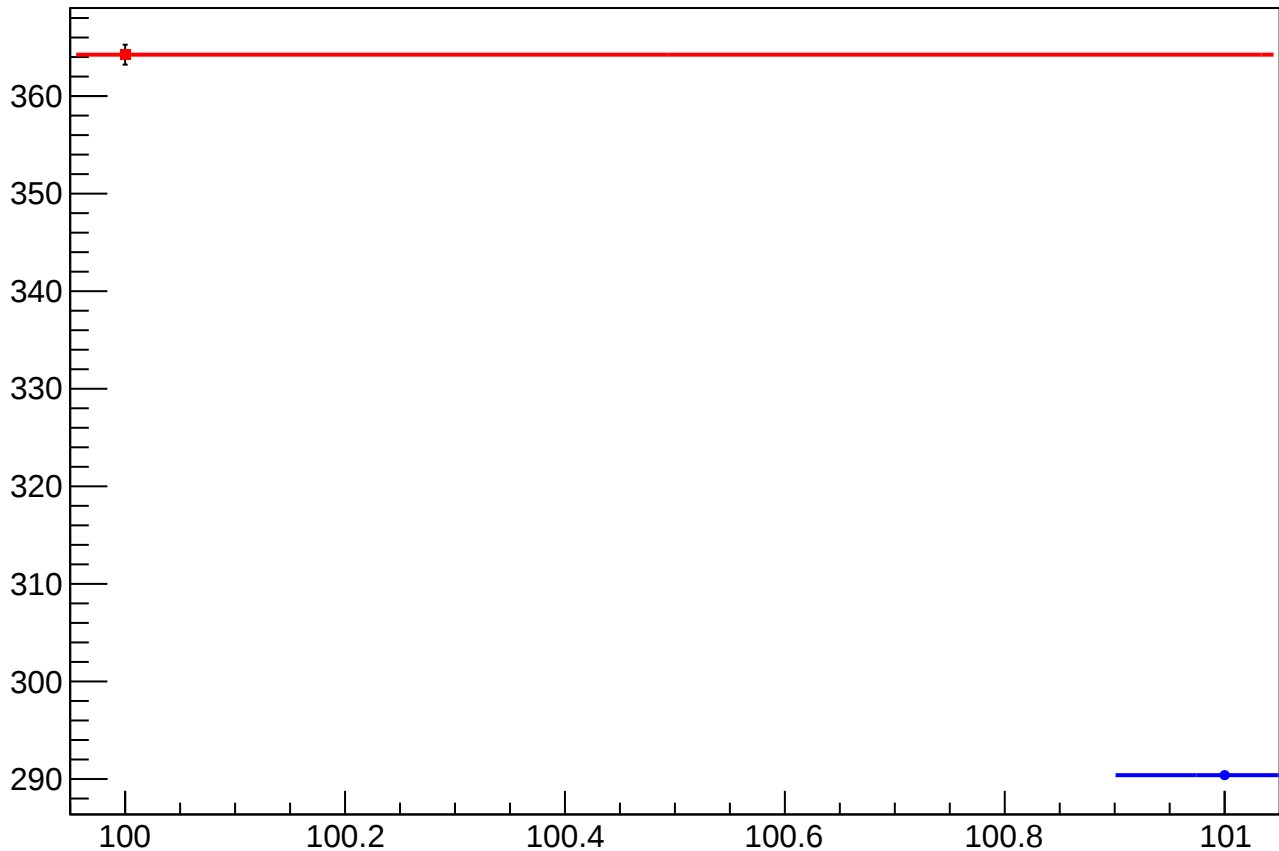
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-95.876+/-382.412 χ^2 /NDF: 0.0/0

-59.150+/-369.728 χ^2 /NDF: 0.1/1

467.114+/-1447.597 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 290.395+/-0.270 χ^2/NDF : 0.0/0

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

Right Out: 364.245+/-1.024 χ^2/NDF : 0.0/0

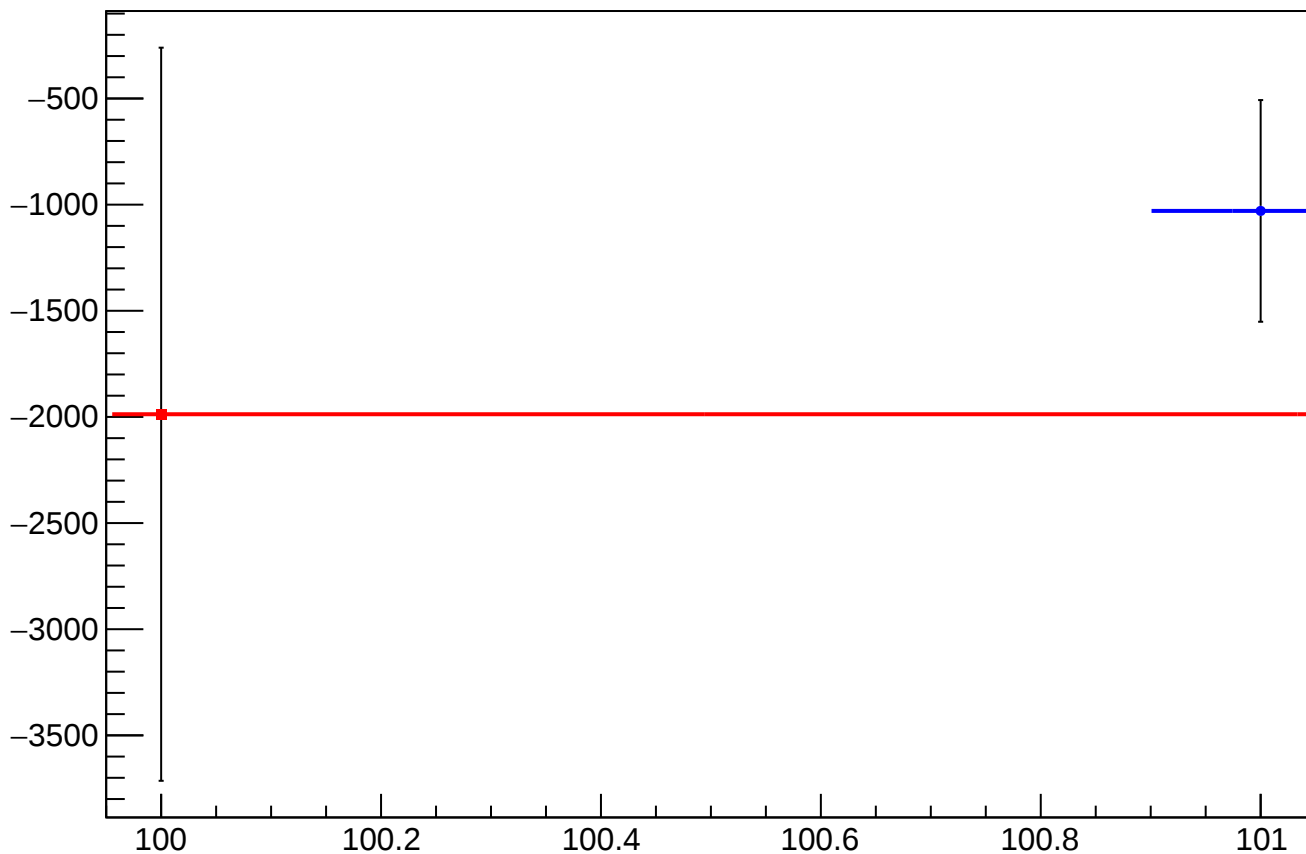
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

290.395+/-0.270 χ^2/NDF : 0.0/0

295.213+/-0.261 χ^2/NDF : 4865.5/1

364.245+/-1.024 χ^2/NDF : 0.0/0

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -1029.519+/-522.145 χ^2/NDF : 0.0/0

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

Right Out: -1987.316+/-1726.779 χ^2/NDF : 0.0/0

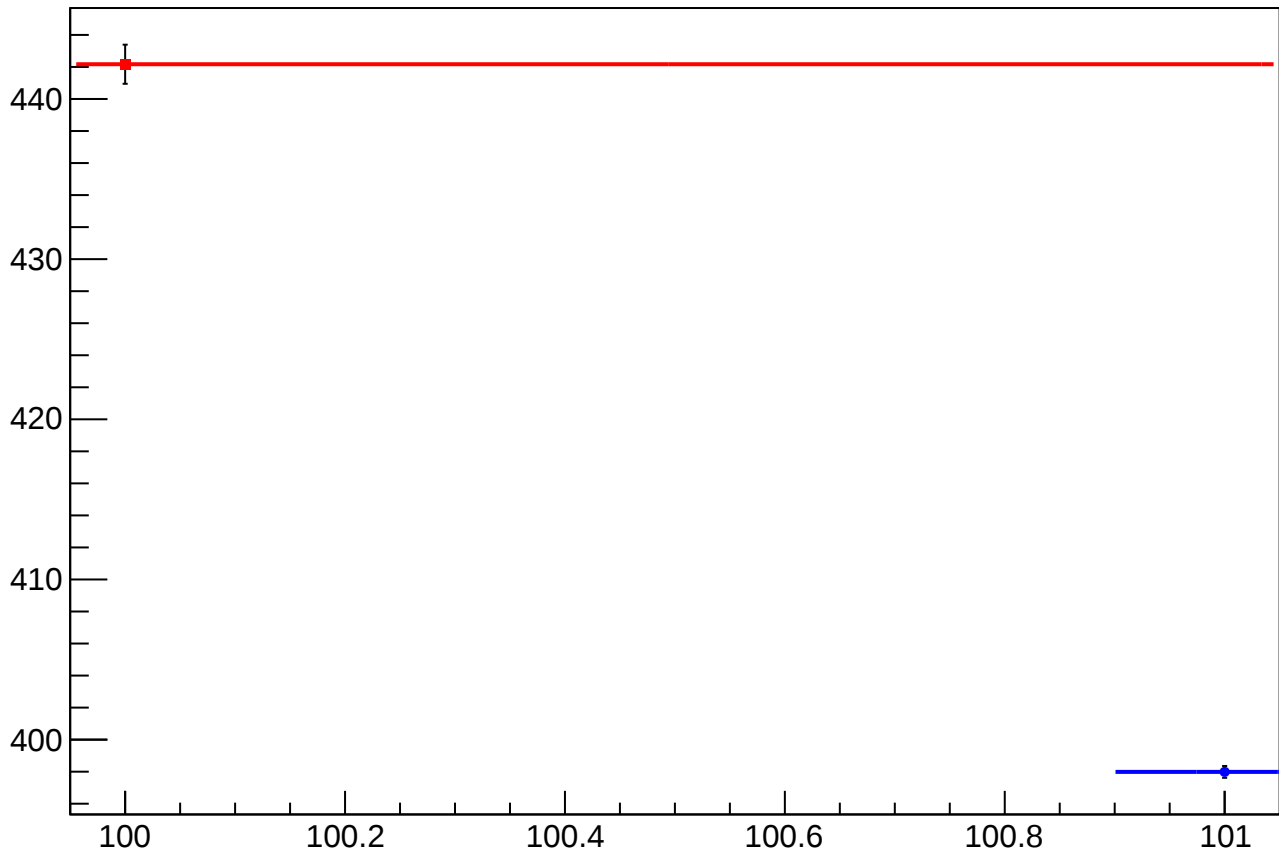
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1029.519+/-522.145 χ^2/NDF : 0.0/0

-1109.757+/-499.795 χ^2/NDF : 0.3/1

-1987.316+/-1726.779 χ^2/NDF : 0.0/0

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 397.987+/-0.369 χ^2/NDF : 0.0/0

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

Right Out: 442.170+/-1.221 χ^2/NDF : 0.0/0

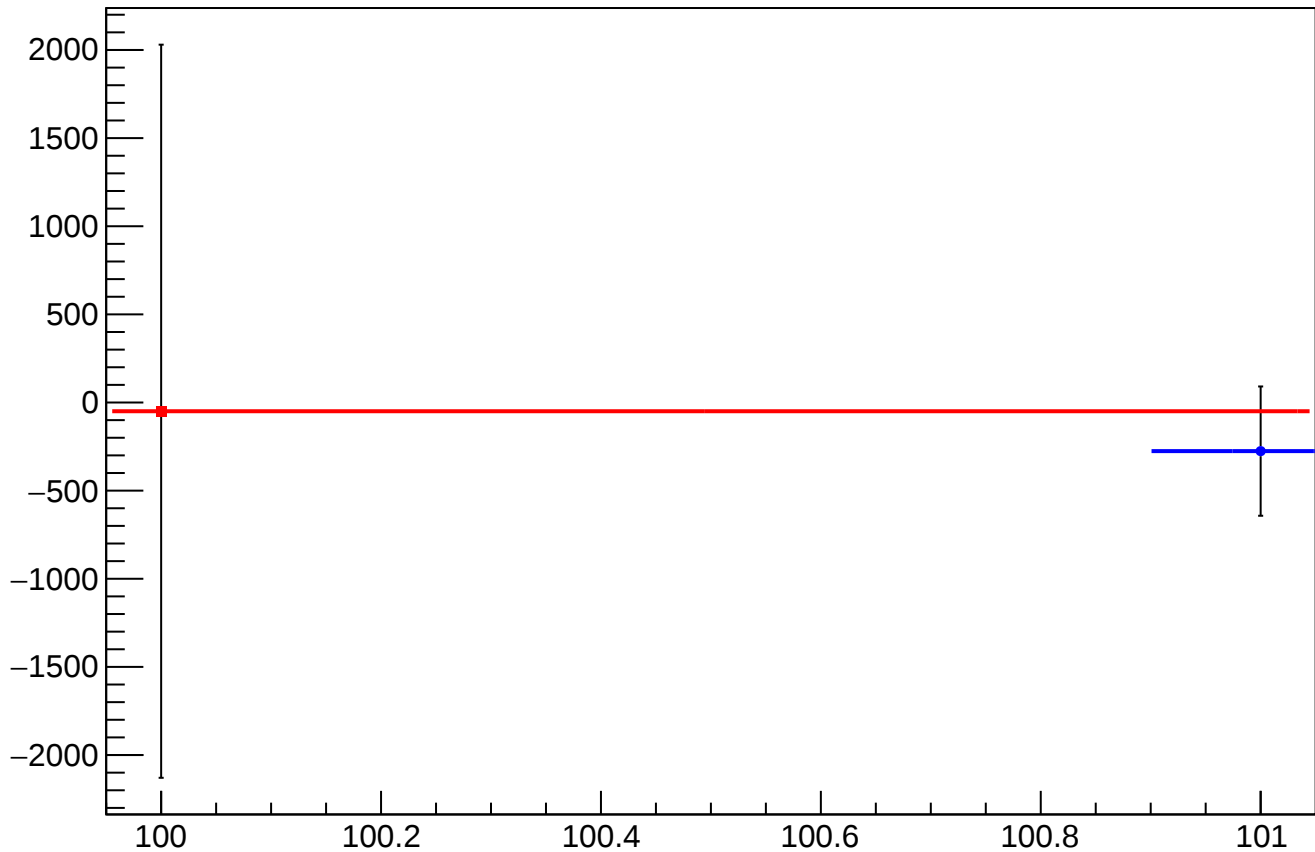
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

397.987+/-0.369 χ^2/NDF : 0.0/0

401.688+/-0.353 χ^2/NDF : 1199.7/1

442.170+/-1.221 χ^2/NDF : 0.0/0

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -275.780+/-366.762 χ^2/NDF : 0.0/0

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

Right Out: -49.532+/-2079.646 χ^2/NDF : 0.0/0

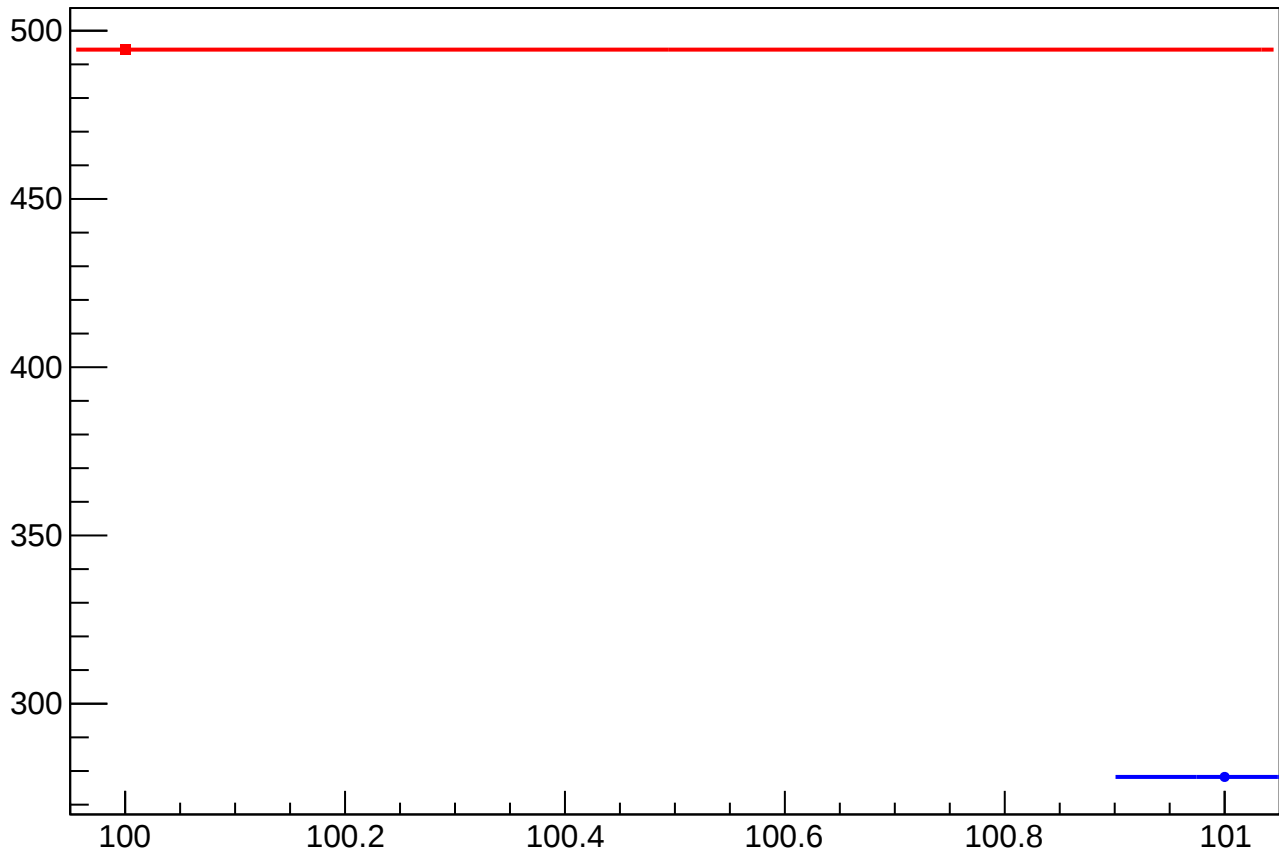
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-275.780+/-366.762 χ^2/NDF : 0.0/0

-268.956+/-361.189 χ^2/NDF : 0.0/1

-49.532+/-2079.646 χ^2/NDF : 0.0/0

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 278.242 $\pm$ 0.259 χ^2 /NDF: 0.0/0

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

Right Out: 494.383 $\pm$ 1.471 χ^2 /NDF: 0.0/0

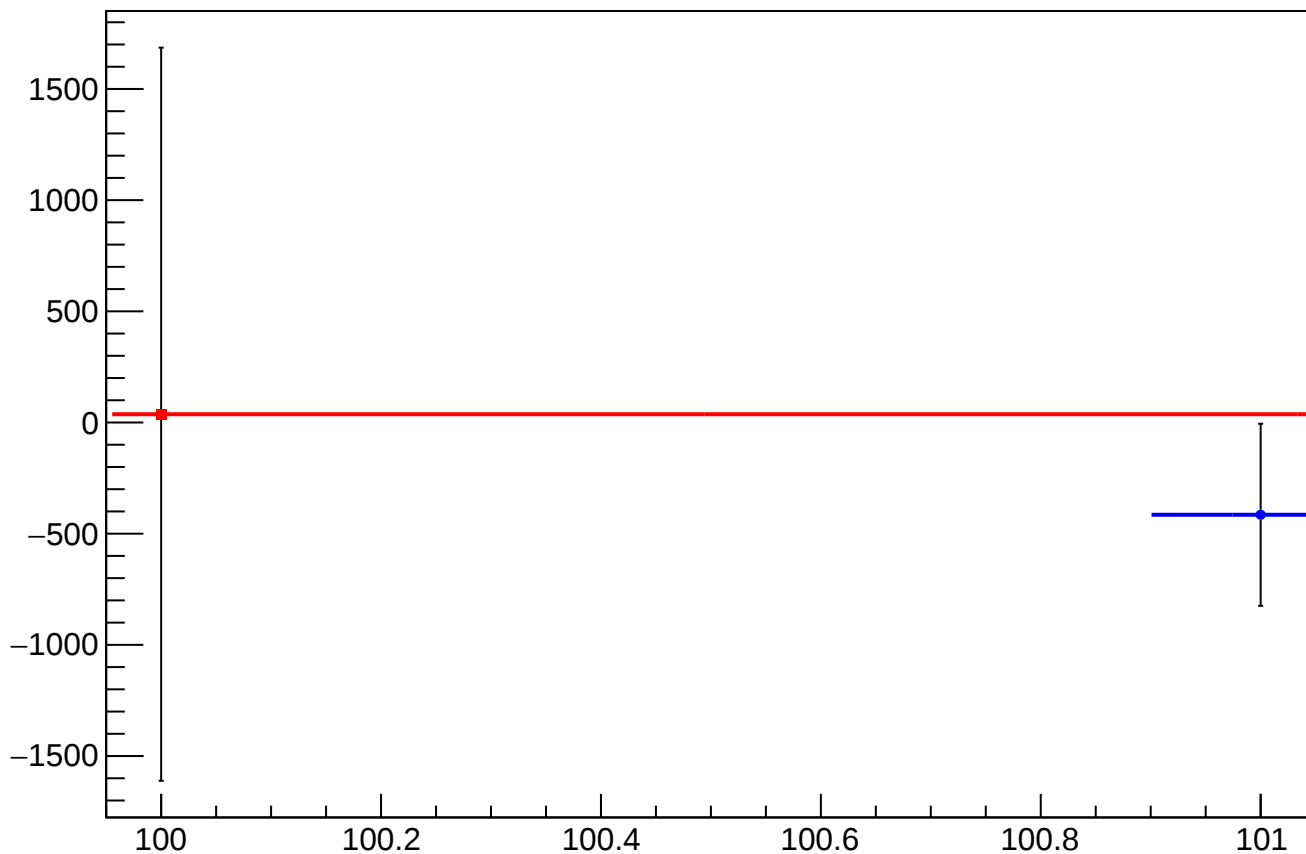
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

278.242 $\pm$ 0.259 χ^2 /NDF: 0.0/0

284.762 $\pm$ 0.255 χ^2 /NDF: 20952.0/1

494.383 $\pm$ 1.471 χ^2 /NDF: 0.0/0

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -414.972+/-409.427 χ^2/NDF : 0.0/0

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

Right Out: 37.172+/-1648.559 χ^2/NDF : 0.0/0

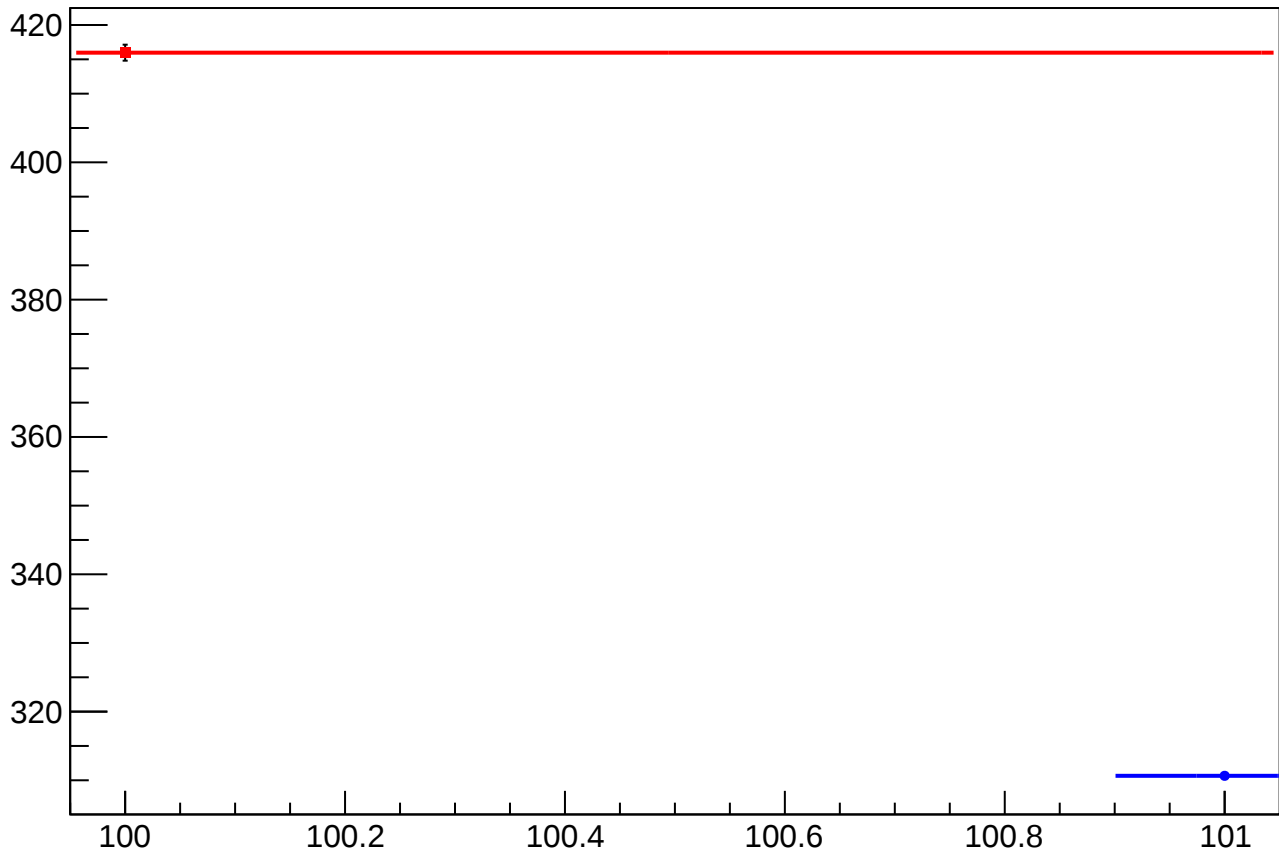
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-414.972+/-409.427 χ^2/NDF : 0.0/0

-388.704+/-397.356 χ^2/NDF : 0.1/1

37.172+/-1648.559 χ^2/NDF : 0.0/0

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 310.651 $\pm$ 0.290 χ^2 /NDF: 0.0/0

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

Right Out: 415.969 $\pm$ 1.166 χ^2 /NDF: 0.0/0

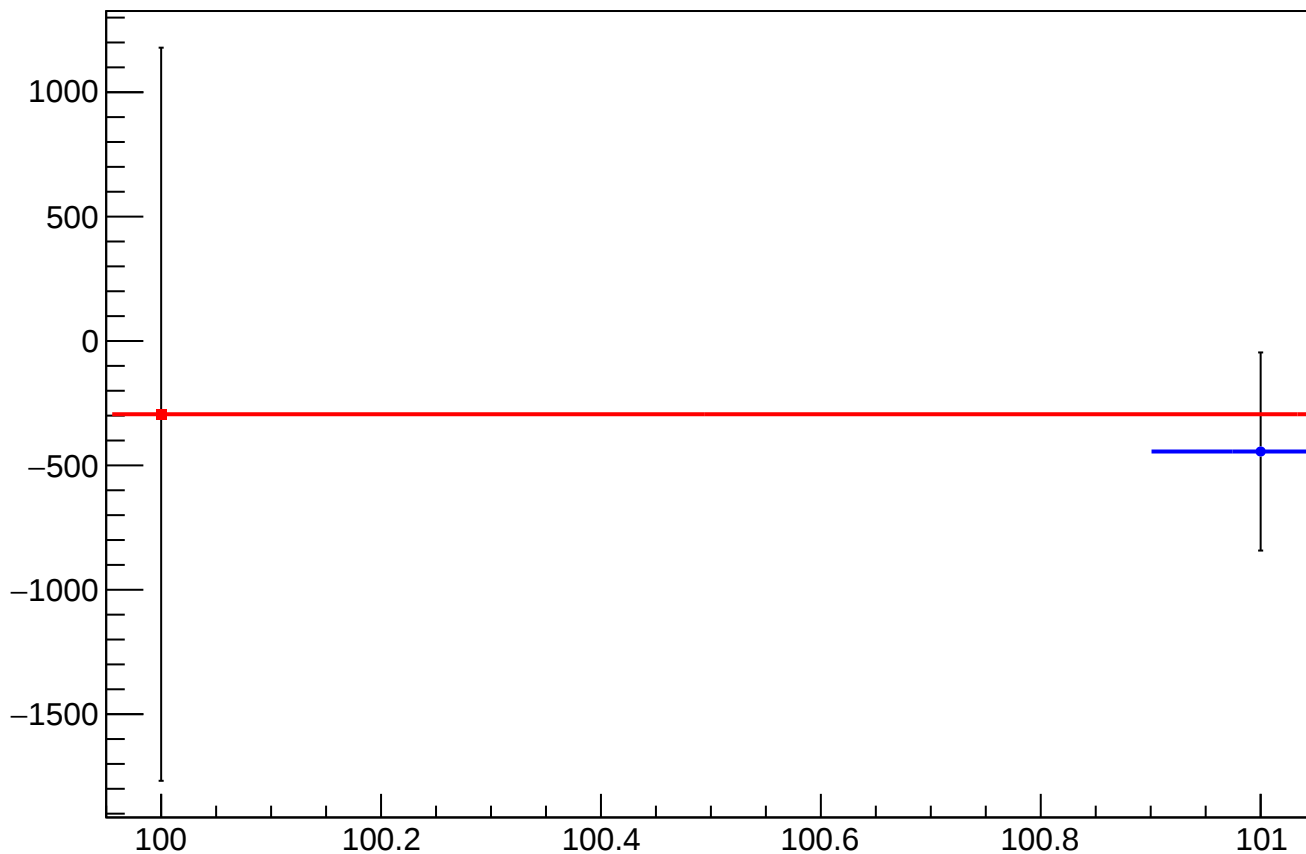
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

310.651 $\pm$ 0.290 χ^2 /NDF: 0.0/0

316.770 $\pm$ 0.281 χ^2 /NDF: 7688.3/1

415.969 $\pm$ 1.166 χ^2 /NDF: 0.0/0

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -444.182+/-398.181 χ^2 /NDF: 0.0/0

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

Right Out: -294.367+/-1473.491 χ^2 /NDF: 0.0/0

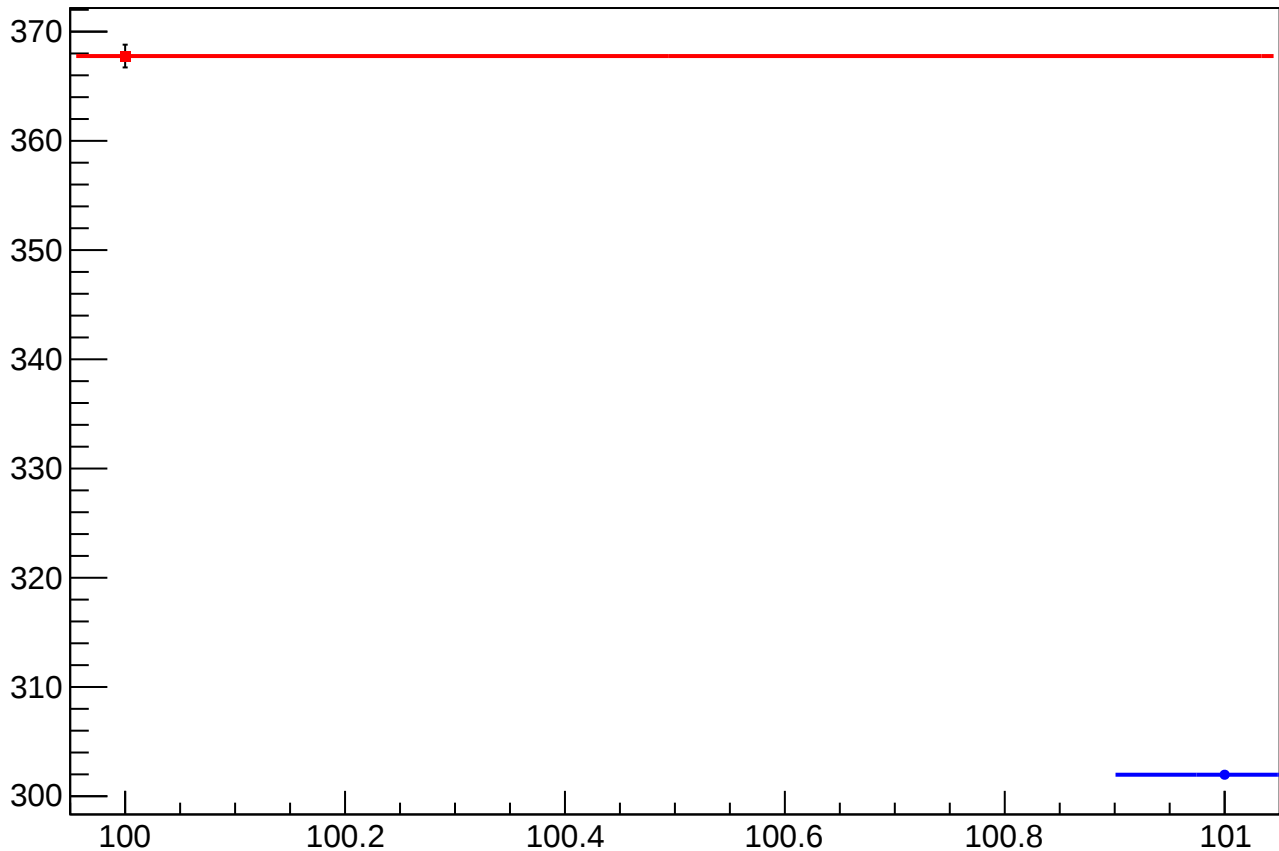
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-444.182+/-398.181 χ^2 /NDF: 0.0/0

-433.986+/-384.394 χ^2 /NDF: 0.0/1

-294.367+/-1473.491 χ^2 /NDF: 0.0/0

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 301.968 $\pm$ 0.282 χ^2 /NDF: 0.0/0

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

Right Out: 367.764 $\pm$ 1.042 χ^2 /NDF: 0.0/0

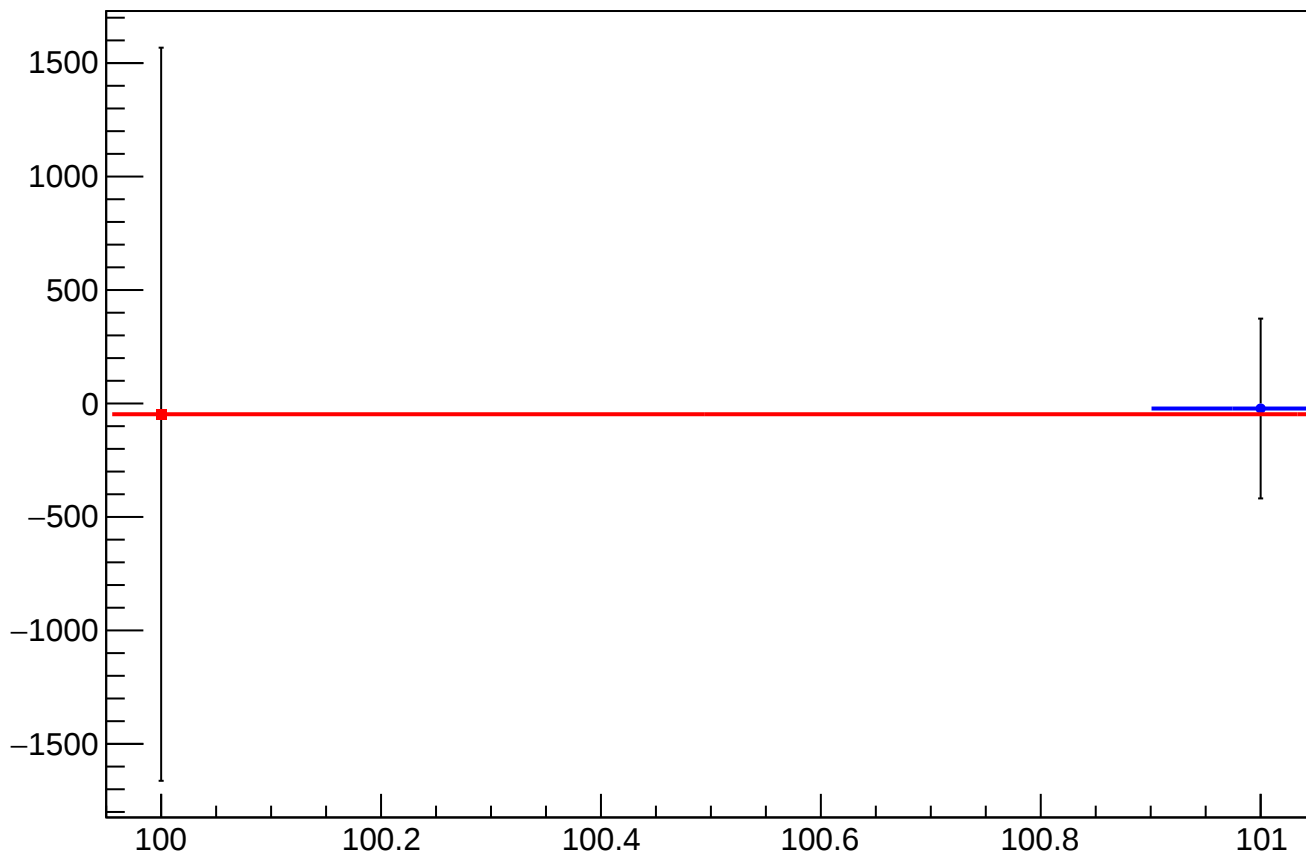
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

301.968 $\pm$ 0.282 χ^2 /NDF: 0.0/0

306.445 $\pm$ 0.272 χ^2 /NDF: 3716.4/1

367.764 $\pm$ 1.042 χ^2 /NDF: 0.0/0

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -22.209 $\pm$ 396.128 χ^2/NDF : 0.0/0

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

Right Out: -47.363 $\pm$ 1615.313 χ^2/NDF : 0.0/0

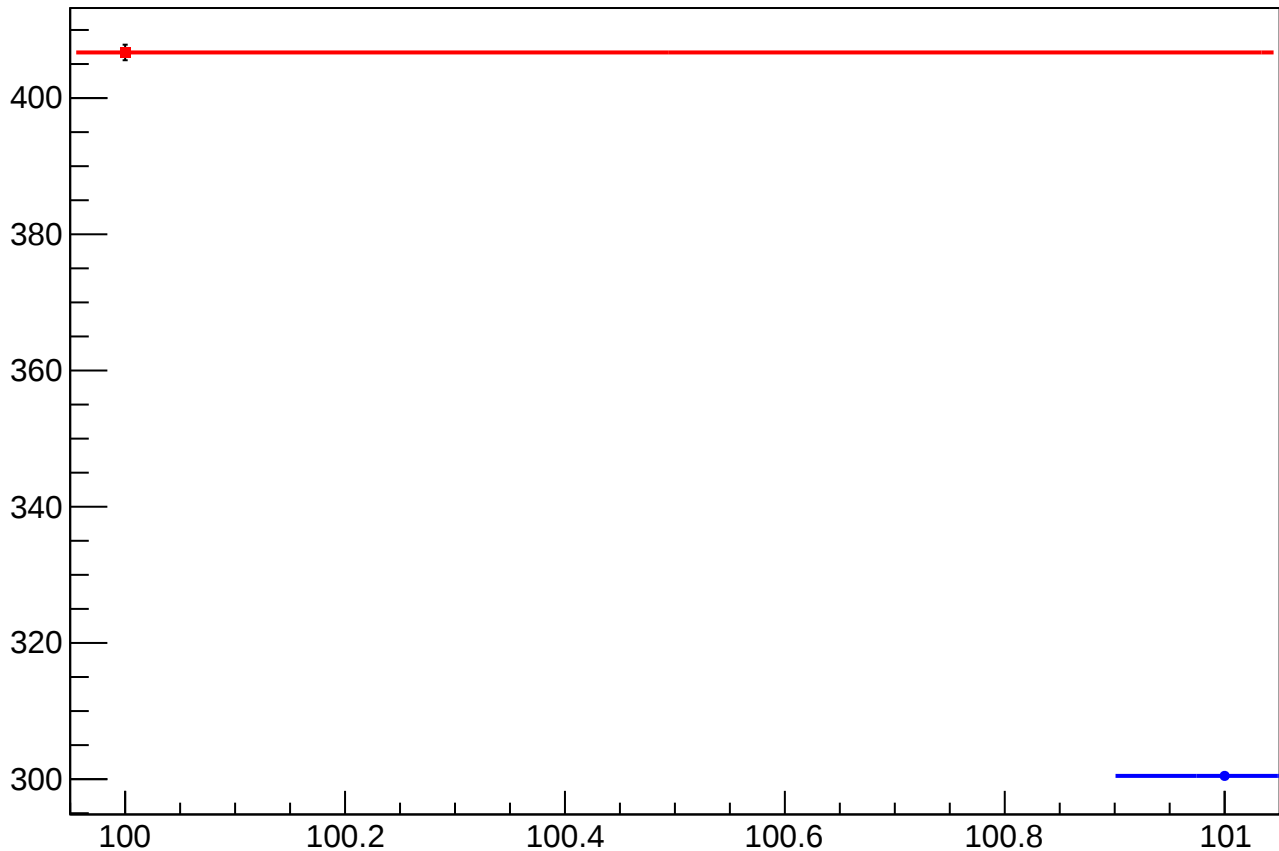
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

-22.209 $\pm$ 396.128 χ^2/NDF : 0.0/0

-23.636 $\pm$ 384.728 χ^2/NDF : 0.0/1

-47.363 $\pm$ 1615.313 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 300.481+/-0.280 χ^2/NDF : 0.0/0

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

Right Out: 406.699+/-1.142 χ^2/NDF : 0.0/0

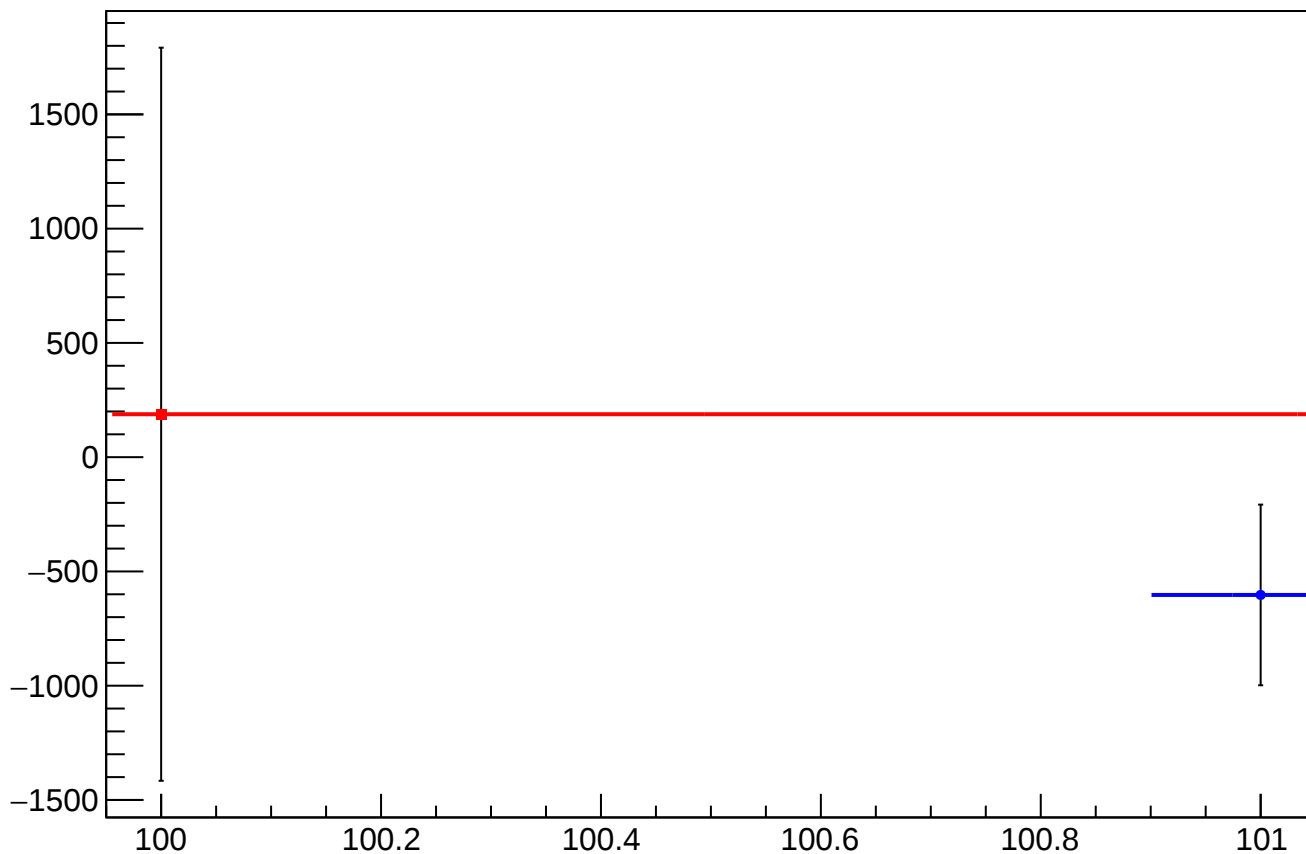
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

300.481+/-0.280 χ^2/NDF : 0.0/0

306.507+/-0.272 χ^2/NDF : 8157.3/1

406.699+/-1.142 χ^2/NDF : 0.0/0

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -602.883+/-395.272 χ^2 /NDF: 0.0/0

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

Right Out: 187.882+/-1604.035 χ^2 /NDF: 0.0/0

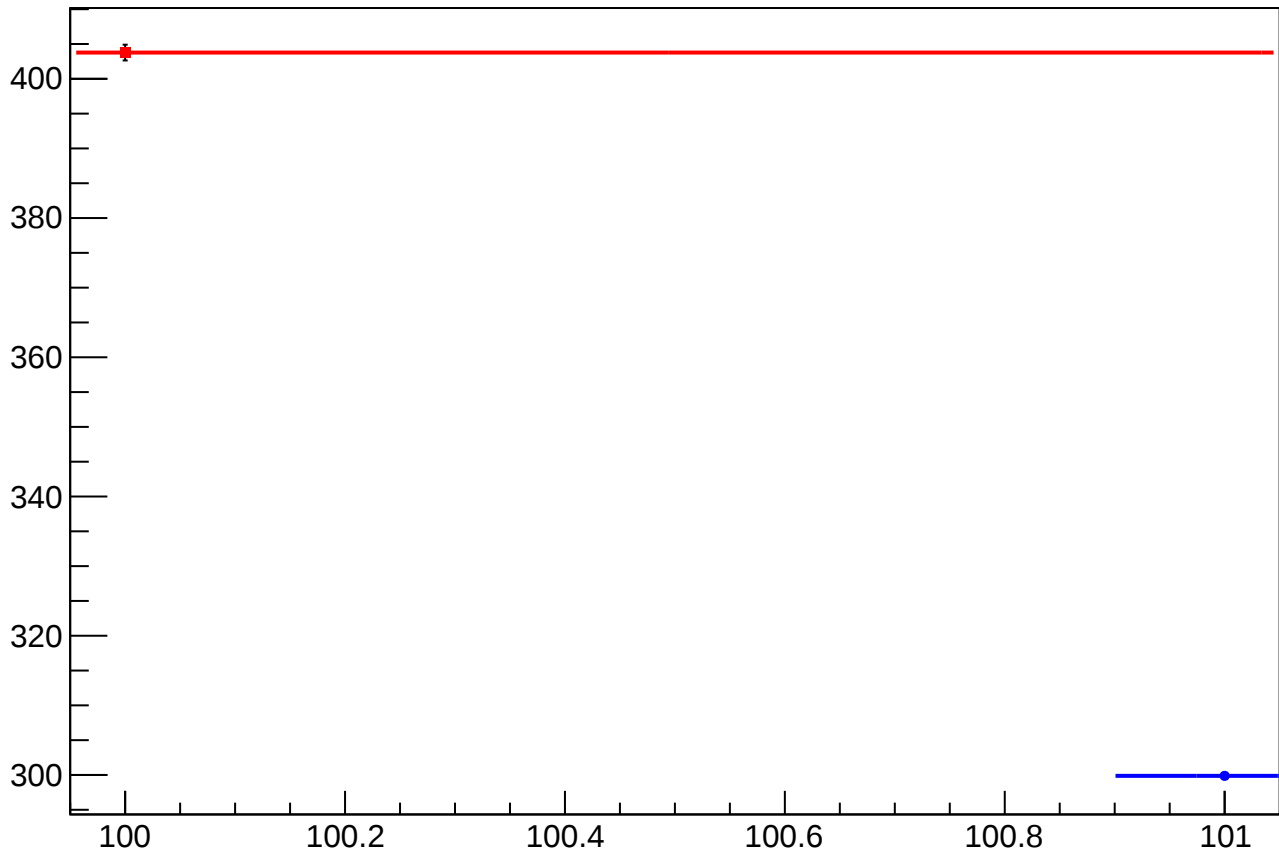
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-602.883+/-395.272 χ^2 /NDF: 0.0/0

-557.613+/-383.791 χ^2 /NDF: 0.2/1

187.882+/-1604.035 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 299.874 $\pm$ 0.279 χ^2 /NDF: 0.0/0

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

Right Out: 403.770 $\pm$ 1.134 χ^2 /NDF: 0.0/0

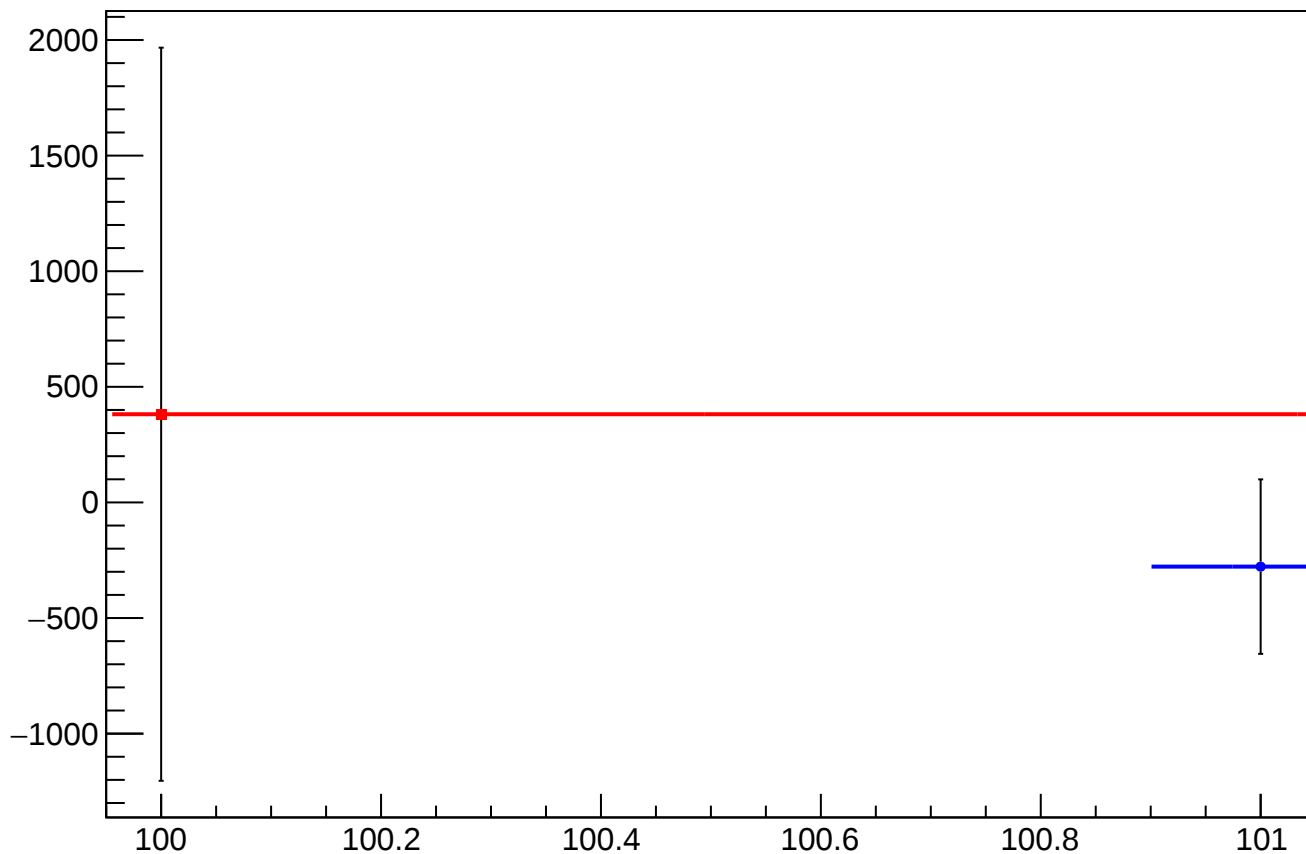
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

299.874 $\pm$ 0.279 χ^2 /NDF: 0.0/0

305.822 $\pm$ 0.271 χ^2 /NDF: 7910.4/1

403.770 $\pm$ 1.134 χ^2 /NDF: 0.0/0

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -277.617+/-377.278 χ^2 /NDF: 0.0/0

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

Right Out: 381.429+/-1585.388 χ^2 /NDF: 0.0/0

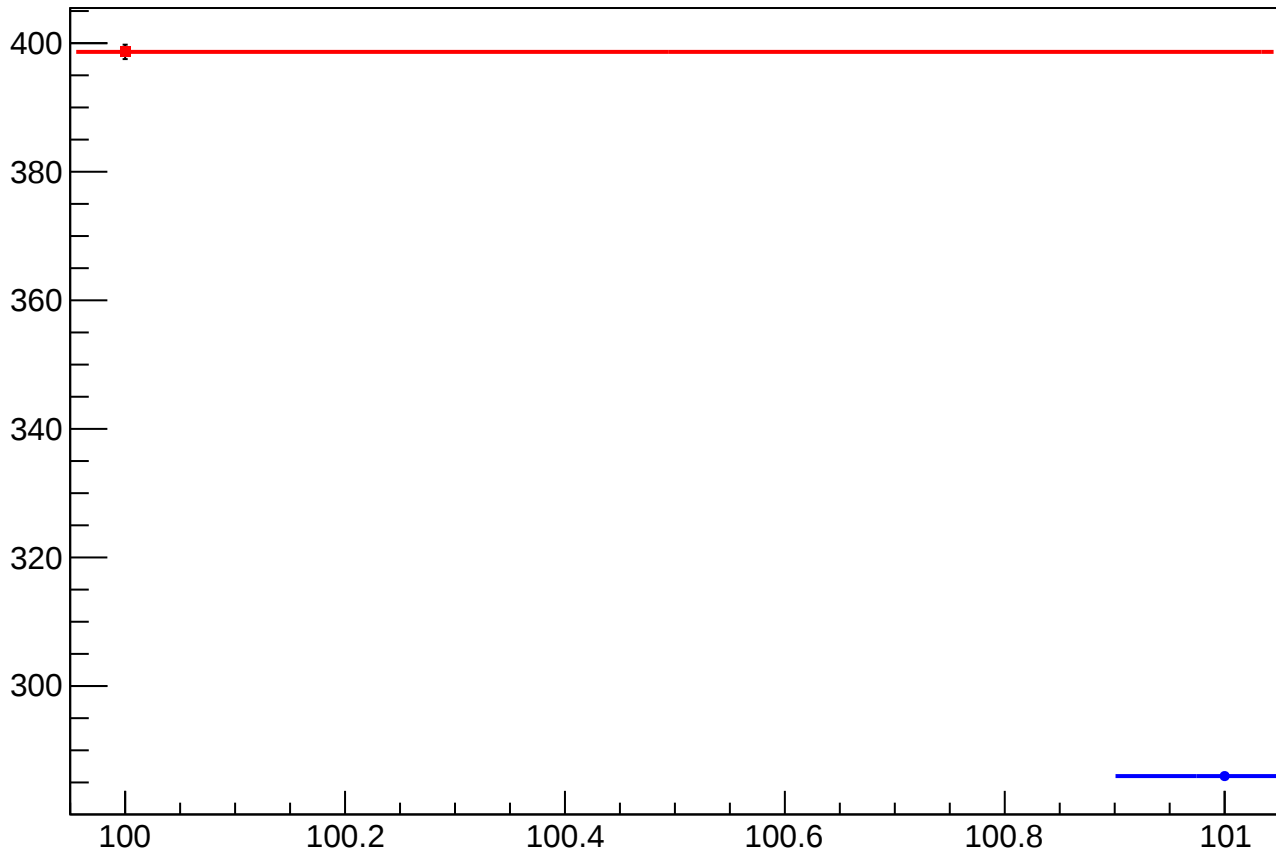
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-277.617+/-377.278 χ^2 /NDF: 0.0/0

-242.295+/-367.028 χ^2 /NDF: 0.2/1

381.429+/-1585.388 χ^2 /NDF: 0.0/0

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 285.992 $\pm$ 0.267 χ^2 /NDF: 0.0/0

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

Right Out: 398.647 $\pm$ 1.121 χ^2 /NDF: 0.0/0

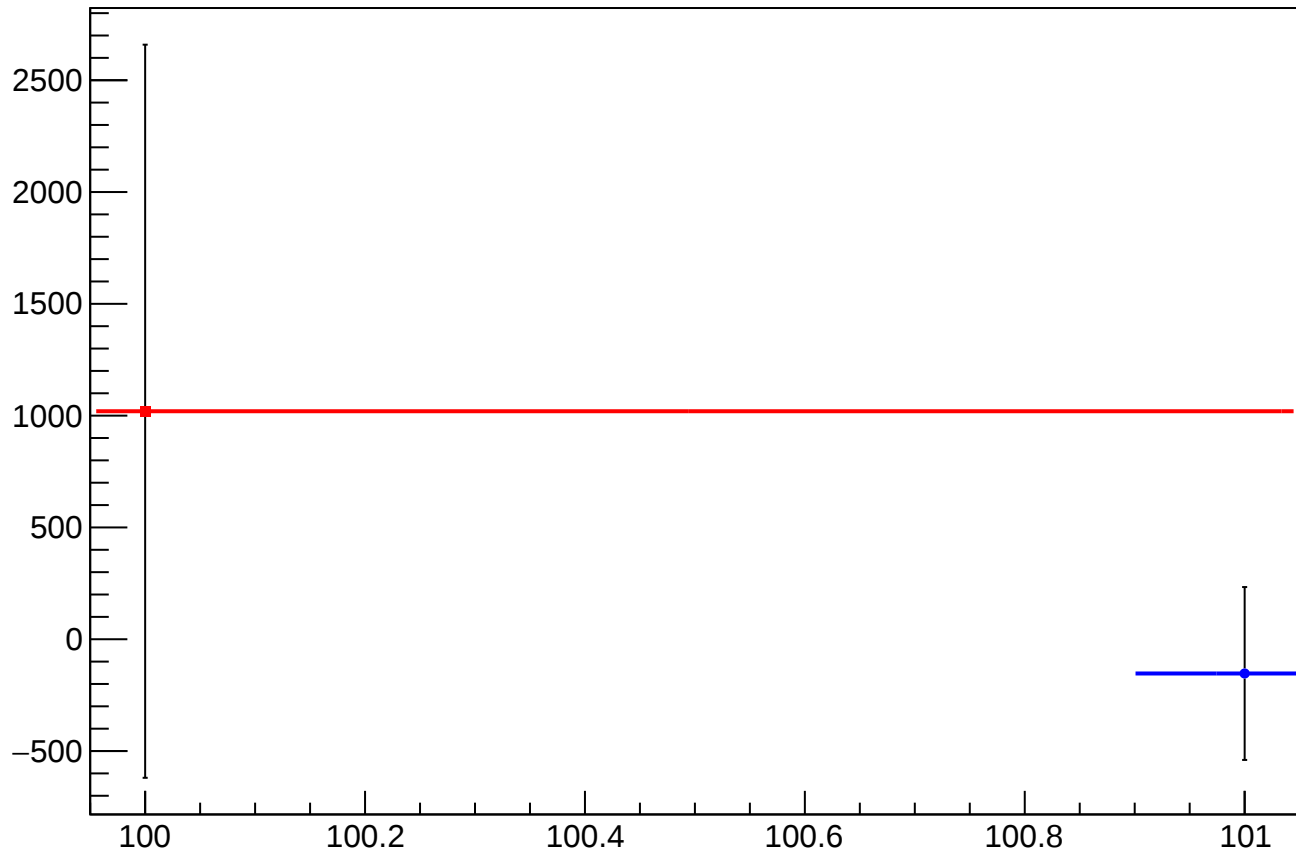
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

285.992 $\pm$ 0.267 χ^2 /NDF: 0.0/0

292.029 $\pm$ 0.260 χ^2 /NDF: 9557.3/1

398.647 $\pm$ 1.121 χ^2 /NDF: 0.0/0

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -153.157+/-386.587 χ^2/NDF : 0.0/0

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

Right Out: 1019.693+/-1639.336 χ^2/NDF : 0.0/0

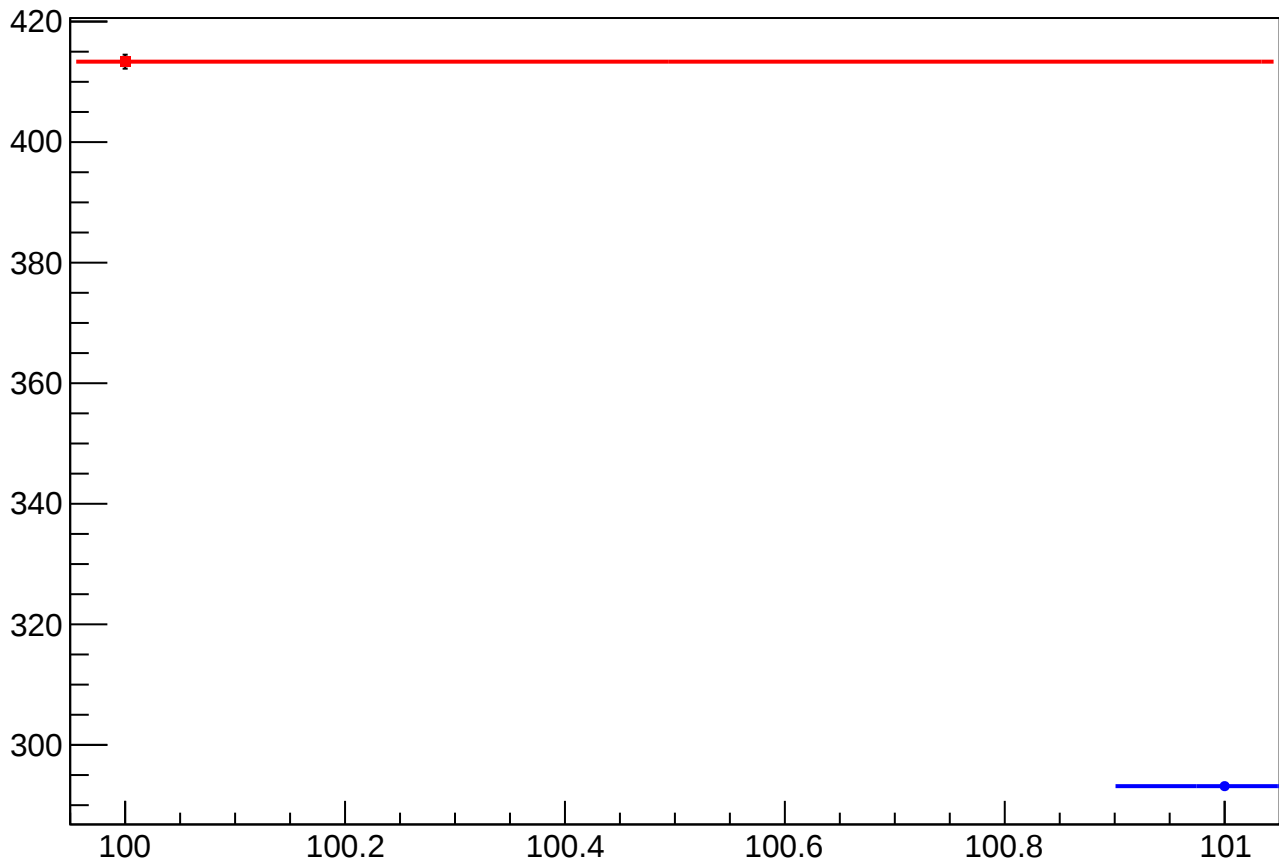
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-153.157+/-386.587 χ^2/NDF : 0.0/0

-91.370+/-376.266 χ^2/NDF : 0.5/1

1019.693+/-1639.336 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 293.156 $\pm$ 0.273 χ^2 /NDF: 0.0/0

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

Right Out: 413.346 $\pm$ 1.159 χ^2 /NDF: 0.0/0

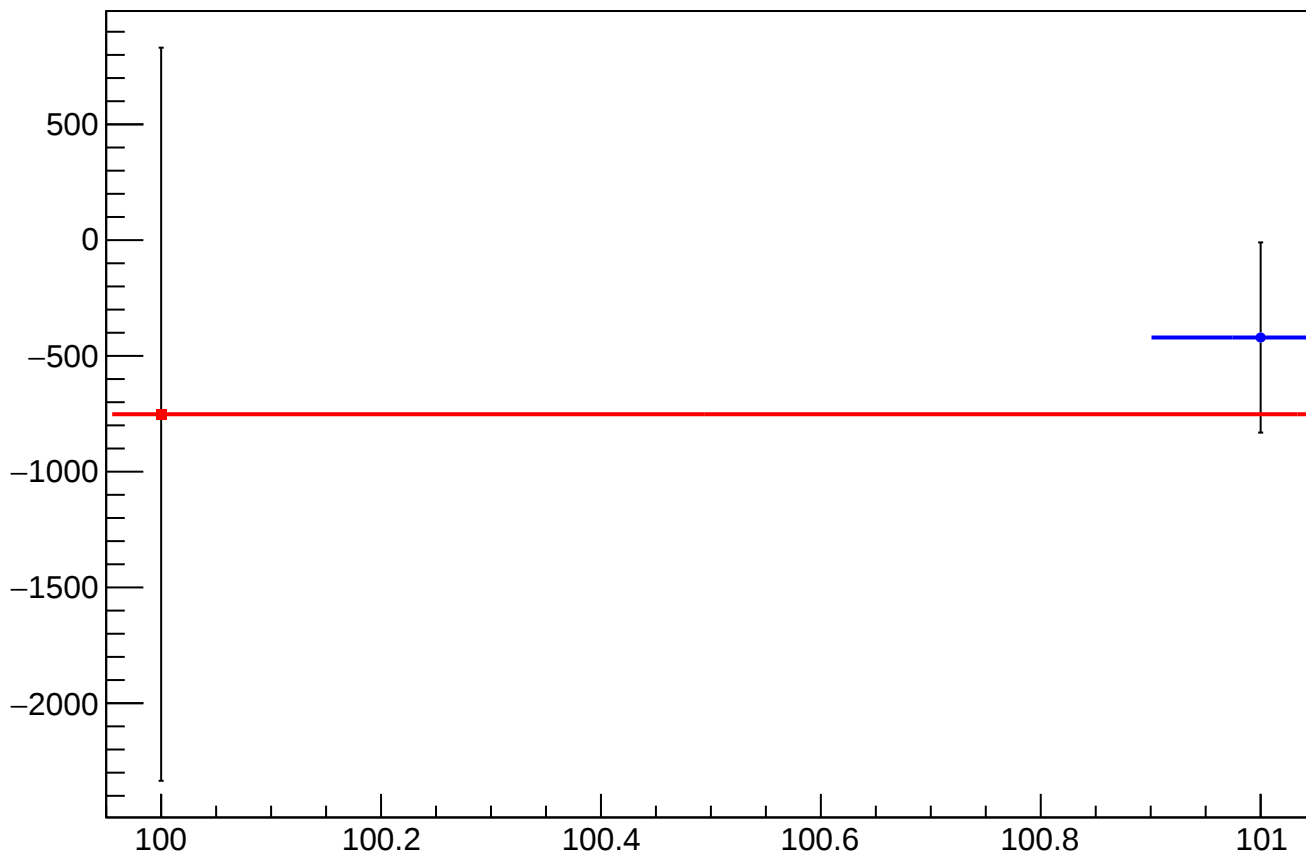
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

293.156 $\pm$ 0.273 χ^2 /NDF: 0.0/0

299.488 $\pm$ 0.266 χ^2 /NDF: 10184.1/1

413.346 $\pm$ 1.159 χ^2 /NDF: 0.0/0

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -420.528+/-410.782 χ^2 /NDF: 0.0/0

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

Right Out: -751.944+/-1583.179 χ^2 /NDF: 0.0/0

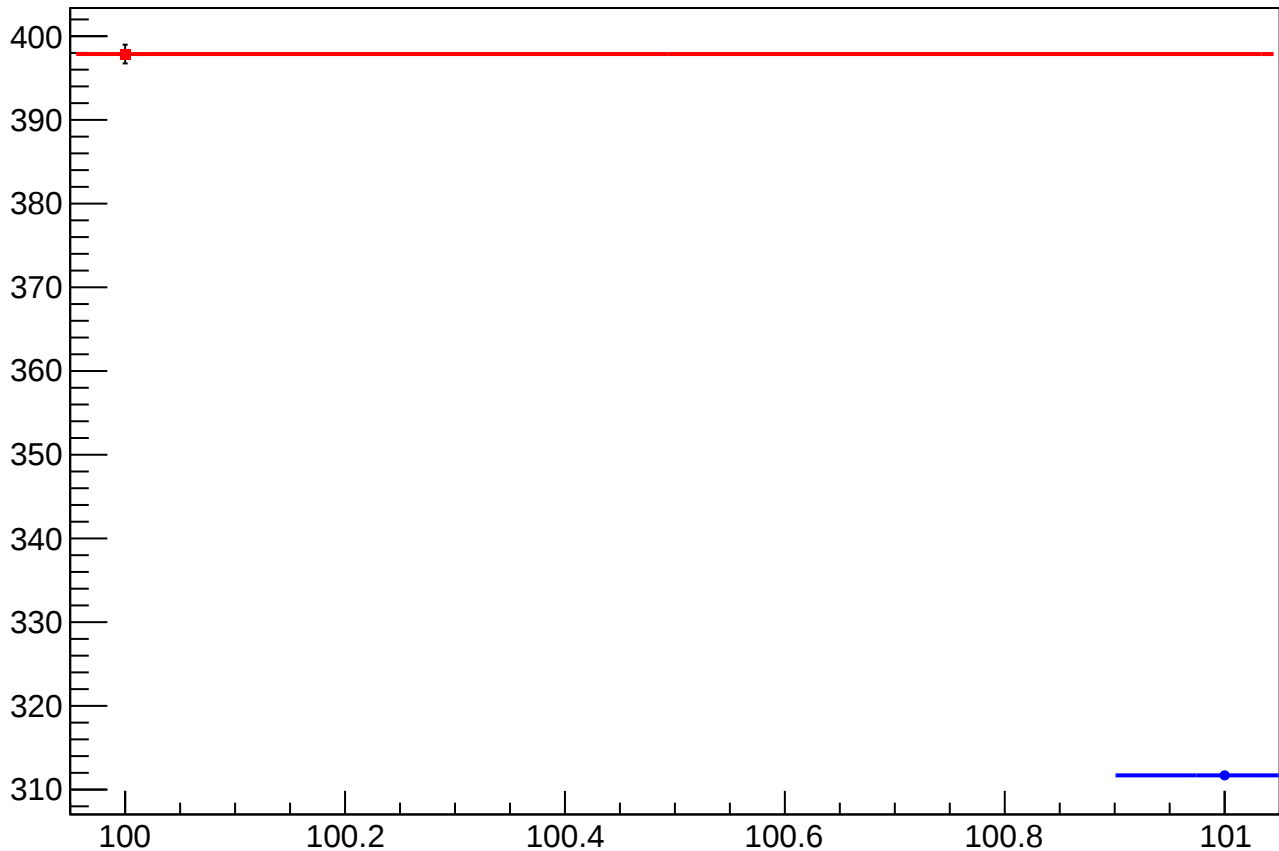
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-420.528+/-410.782 χ^2 /NDF: 0.0/0

-441.432+/-397.616 χ^2 /NDF: 0.0/1

-751.944+/-1583.179 χ^2 /NDF: 0.0/0

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 311.699 $\pm$ 0.290 χ^2 /NDF: 0.0/0

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

Right Out: 397.866 $\pm$ 1.119 χ^2 /NDF: 0.0/0

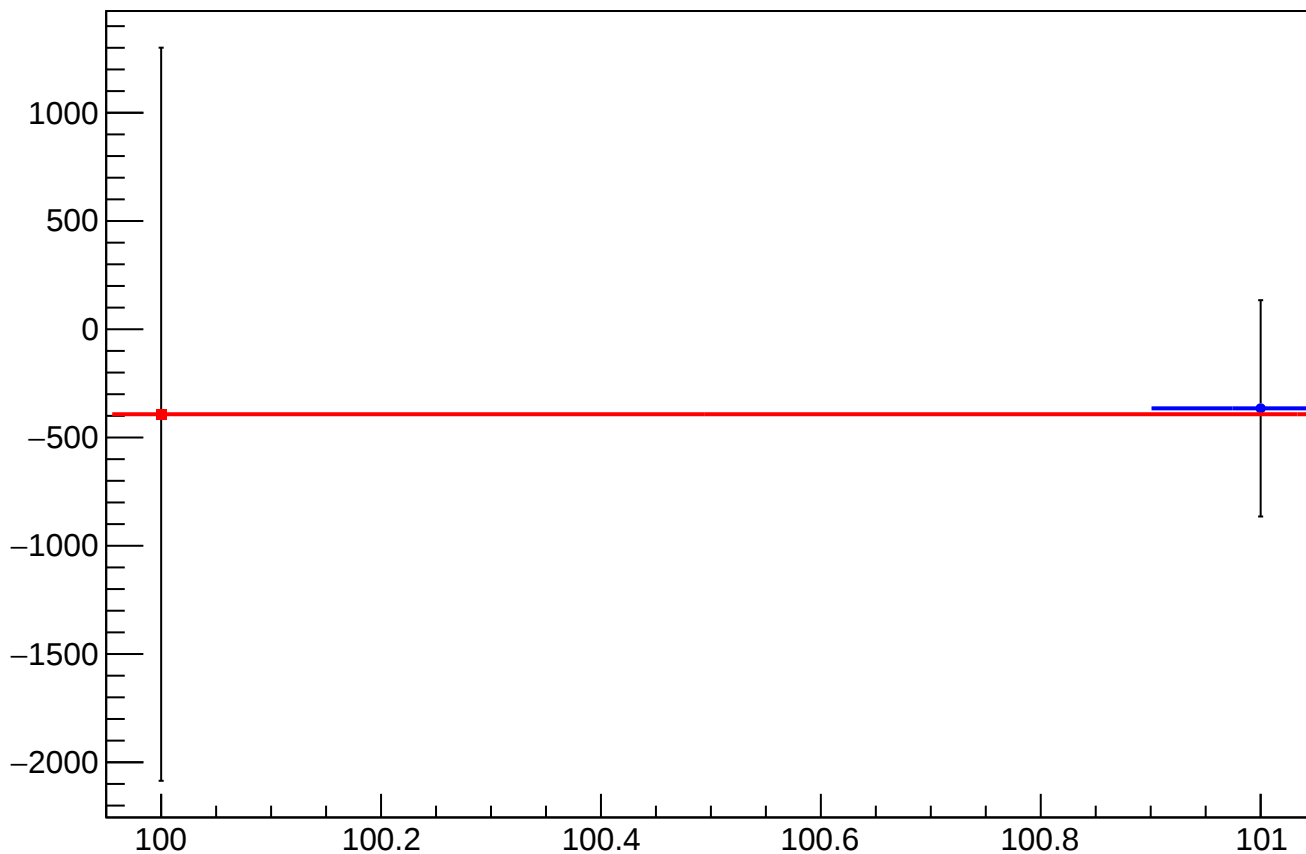
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

311.699 $\pm$ 0.290 χ^2 /NDF: 0.0/0

317.134 $\pm$ 0.281 χ^2 /NDF: 5550.9/1

397.866 $\pm$ 1.119 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -365.248+/-499.562 χ^2 /NDF: 0.0/0

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

Right Out: -392.469+/-1693.067 χ^2 /NDF: 0.0/0

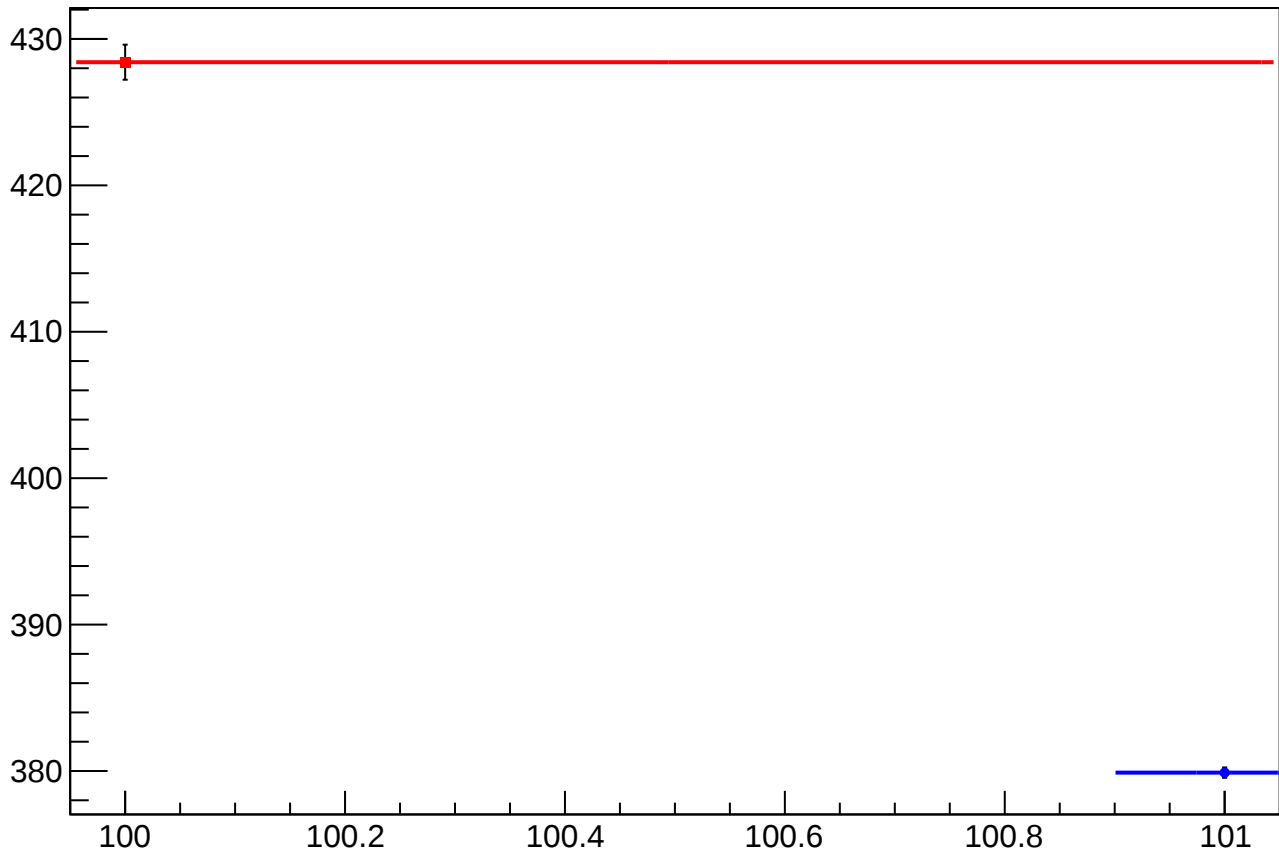
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-365.248+/-499.562 χ^2 /NDF: 0.0/0

-367.428+/-479.139 χ^2 /NDF: 0.0/1

-392.469+/-1693.067 χ^2 /NDF: 0.0/0

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 379.889 $\pm$ 0.353 χ^2/NDF : 0.0/0

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

Right Out: 428.412 $\pm$ 1.197 χ^2/NDF : 0.0/0

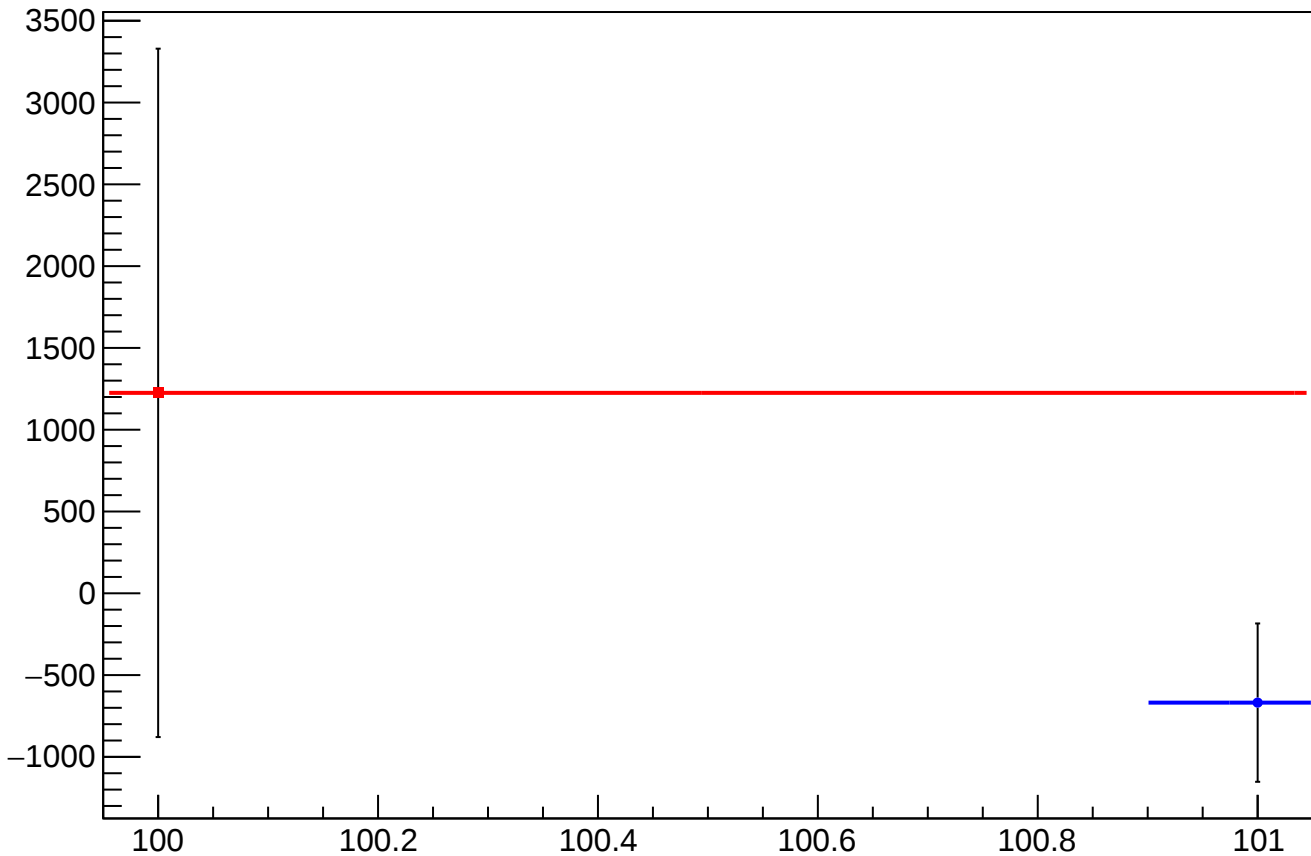
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

379.889 $\pm$ 0.353 χ^2/NDF : 0.0/0

383.775 $\pm$ 0.339 χ^2/NDF : 1511.2/1

428.412 $\pm$ 1.197 χ^2/NDF : 0.0/0

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -668.335+/-483.967 χ^2/NDF : 0.0/0

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

Right Out: 1225.232+/-2104.100 χ^2/NDF : 0.0/0

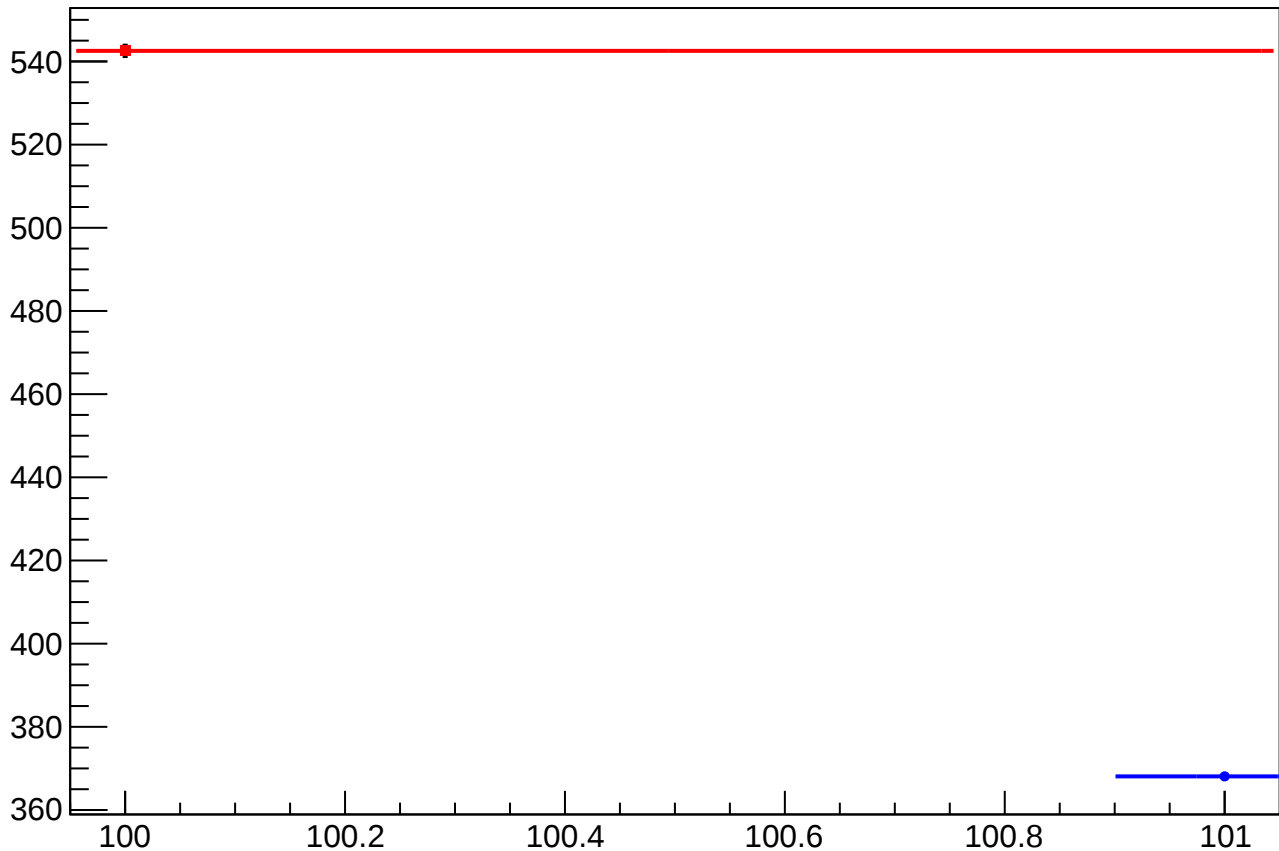
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

-668.335+/-483.967 χ^2/NDF : 0.0/0

-573.189+/-471.652 χ^2/NDF : 0.8/1

1225.232+/-2104.100 χ^2/NDF : 0.0/0

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 368.088 $\pm$ 0.342 χ^2 /NDF: 0.0/0

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

Right Out: 542.546 $\pm$ 1.488 χ^2 /NDF: 0.0/0

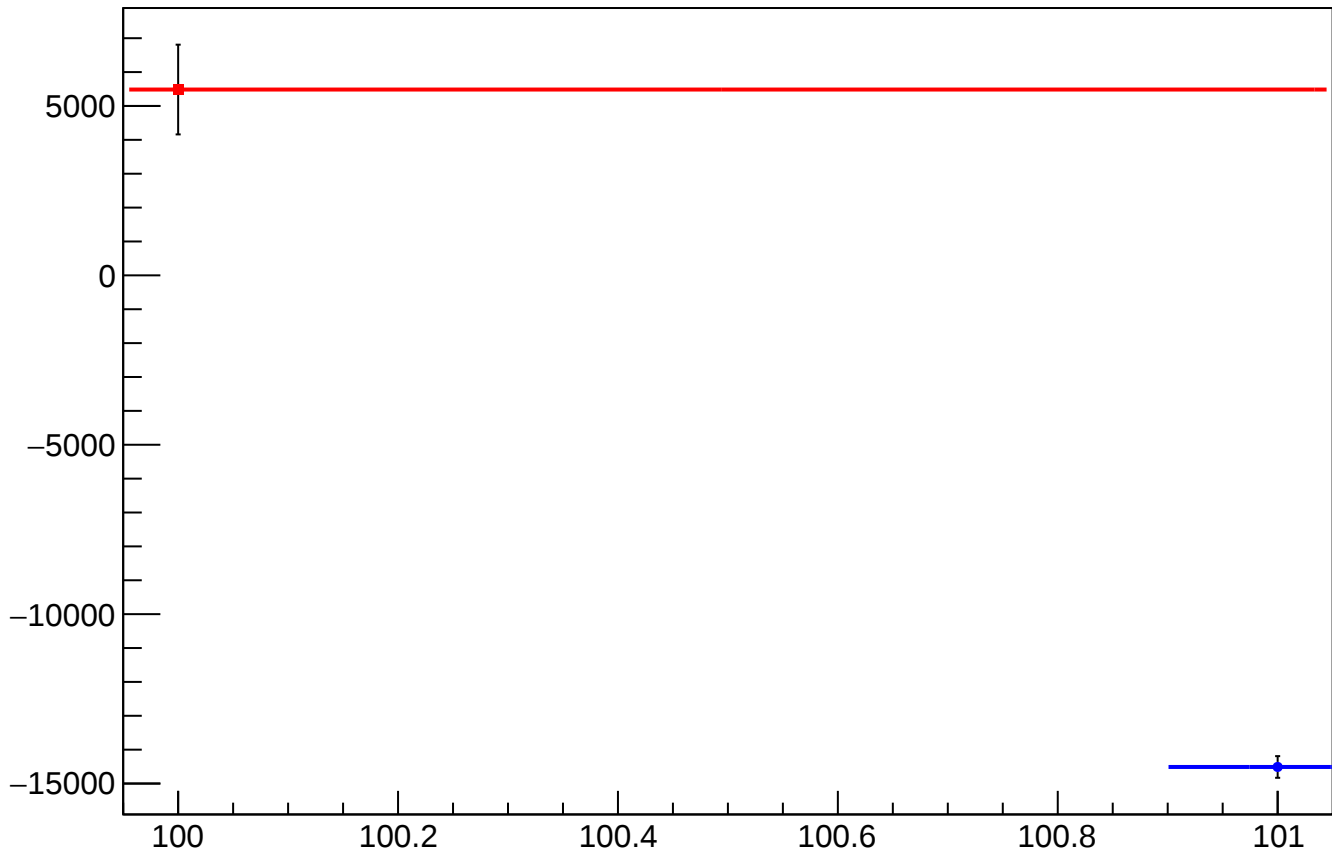
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

368.088 $\pm$ 0.342 χ^2 /NDF: 0.0/0

376.854 $\pm$ 0.334 χ^2 /NDF: 13058.4/1

542.546 $\pm$ 1.488 χ^2 /NDF: 0.0/0

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: -14510.689+/-319.727 χ^2/NDF : 0.0/0

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

Right Out: 5484.640+/-1324.390 χ^2/NDF : 0.0/0

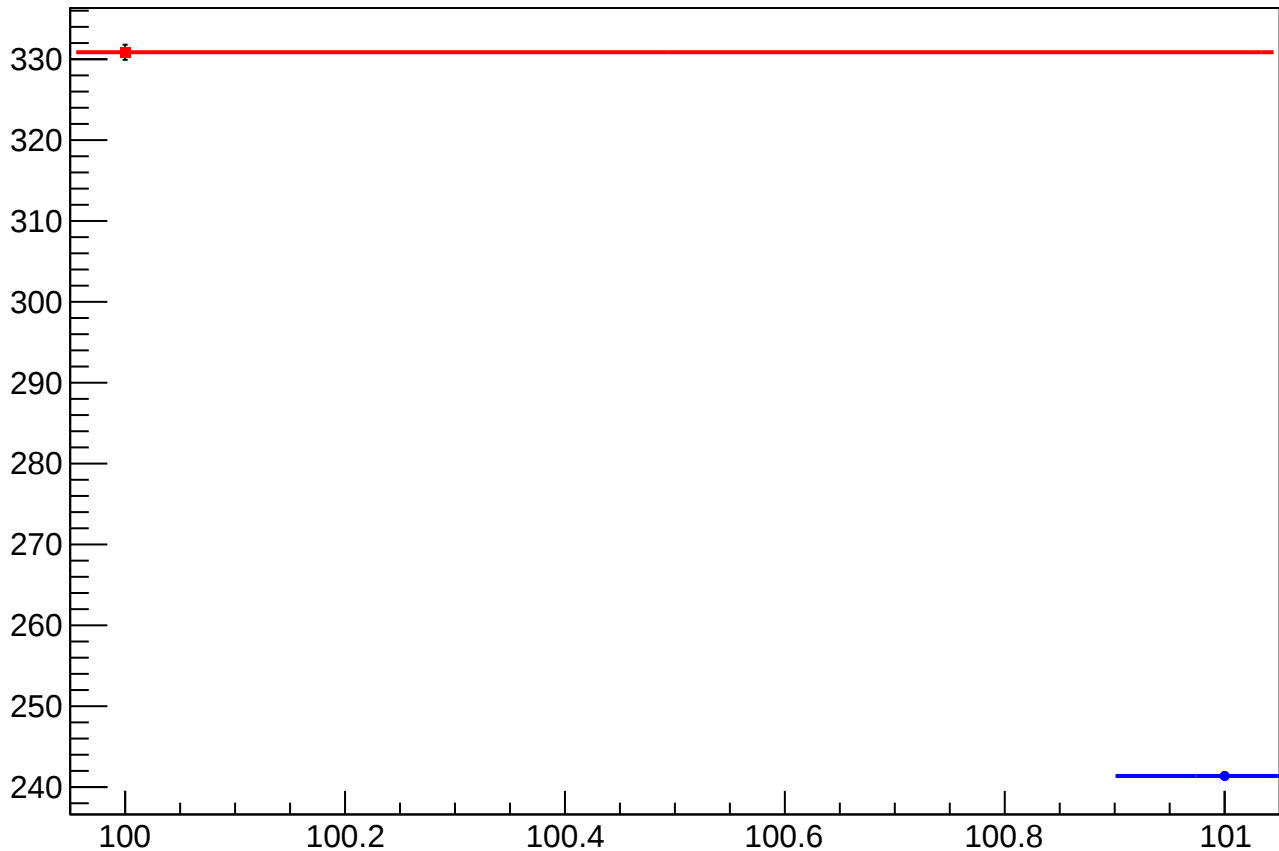
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-14510.689+/-319.727 χ^2/NDF : 0.0/0

-13409.522+/-310.798 χ^2/NDF : 215.4/1

5484.640+/-1324.390 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 241.374 $\pm$ 0.226 χ^2 /NDF: 0.0/0

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

Right Out: 330.863 $\pm$ 0.936 χ^2 /NDF: 0.0/0

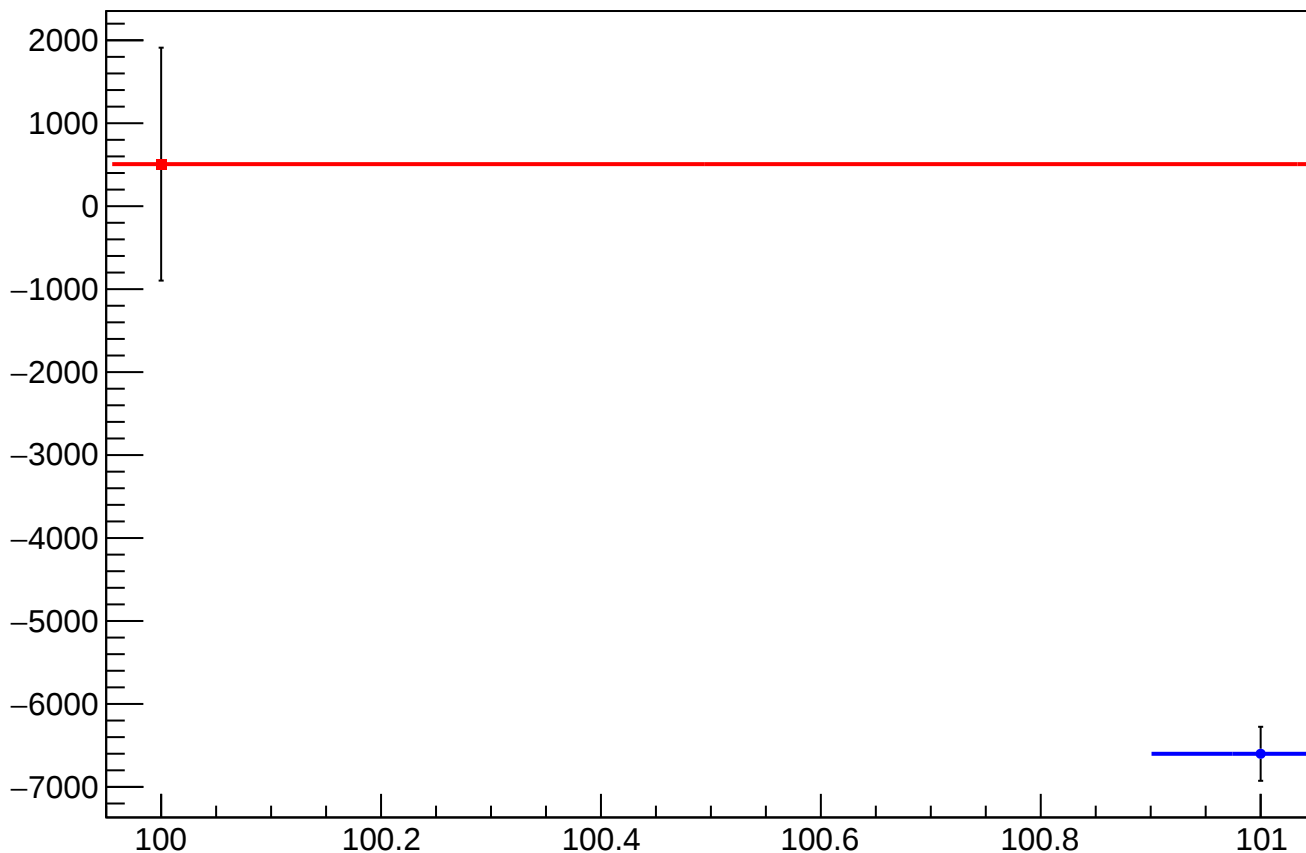
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

241.374 $\pm$ 0.226 χ^2 /NDF: 0.0/0

246.302 $\pm$ 0.220 χ^2 /NDF: 8628.5/1

330.863 $\pm$ 0.936 χ^2 /NDF: 0.0/0

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: -6600.834+/-325.496 χ^2/NDF : 0.0/0

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

Right Out: 506.942+/-1403.843 χ^2/NDF : 0.0/0

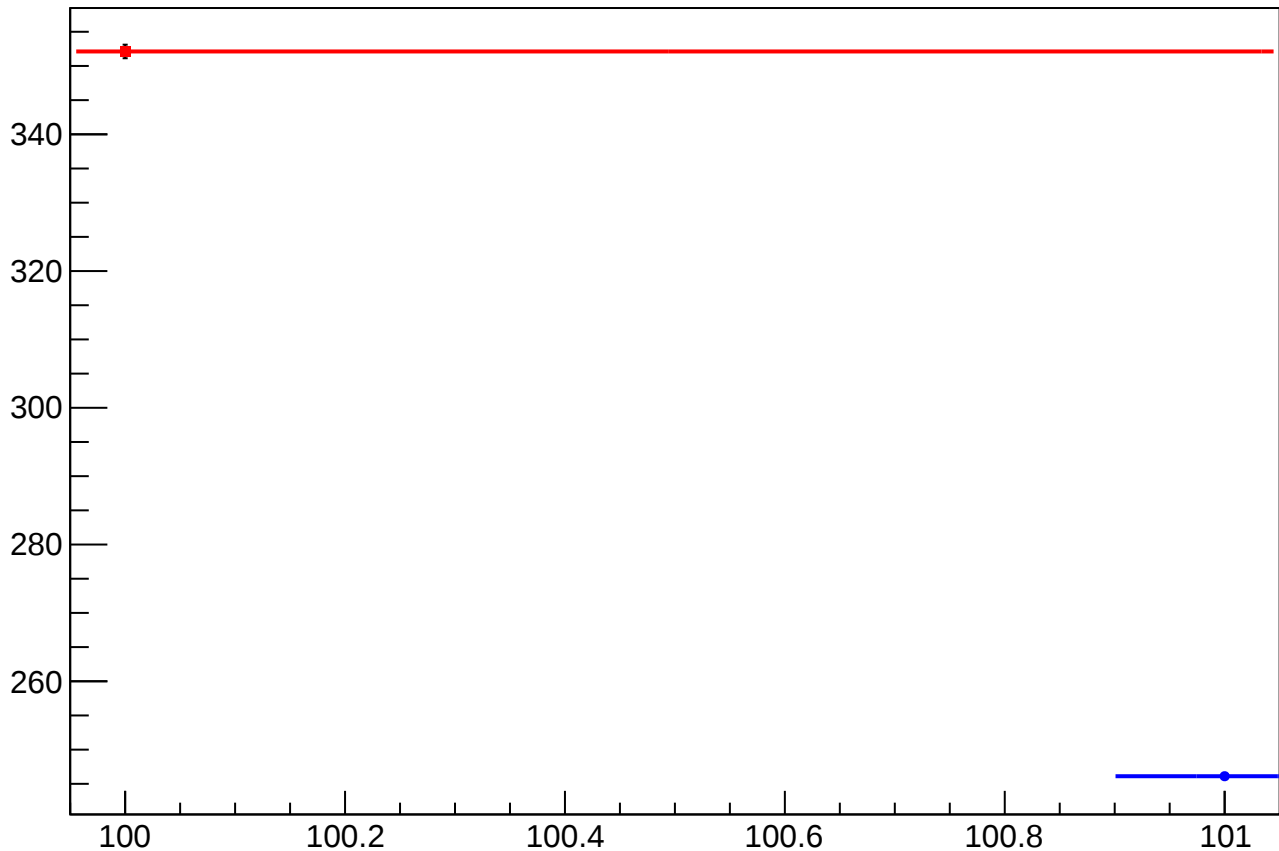
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-6600.834+/-325.496 χ^2/NDF : 0.0/0

-6238.219+/-317.084 χ^2/NDF : 24.3/1

506.942+/-1403.843 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 246.112 $\pm$ 0.230 χ^2 /NDF: 0.0/0

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

Right Out: 352.120 $\pm$ 0.993 χ^2 /NDF: 0.0/0

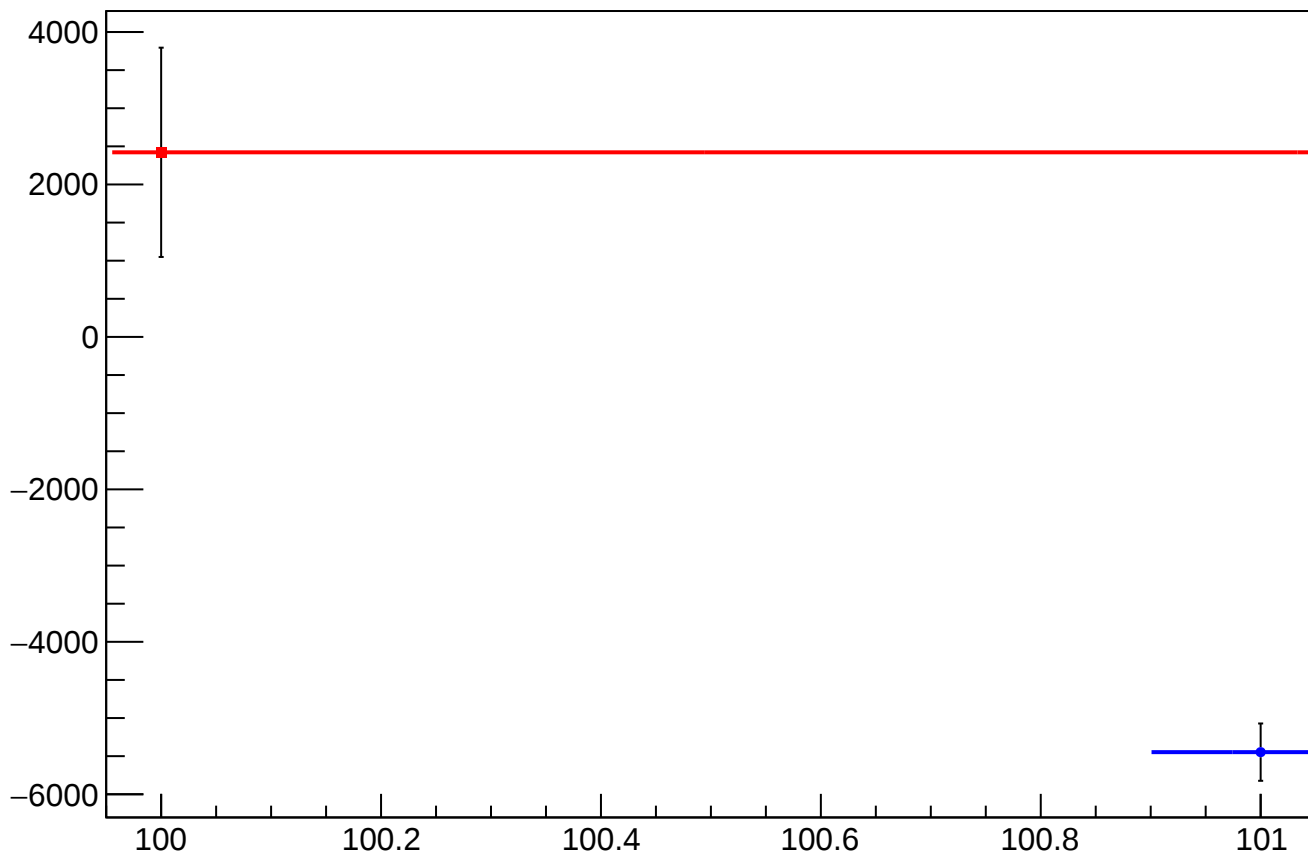
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

246.112 $\pm$ 0.230 χ^2 /NDF: 0.0/0

251.520 $\pm$ 0.224 χ^2 /NDF: 10822.6/1

352.120 $\pm$ 0.993 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: -5447.317+/-375.955 χ^2 /NDF: 0.0/0

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

Right Out: 2421.723+/-1372.884 χ^2 /NDF: 0.0/0

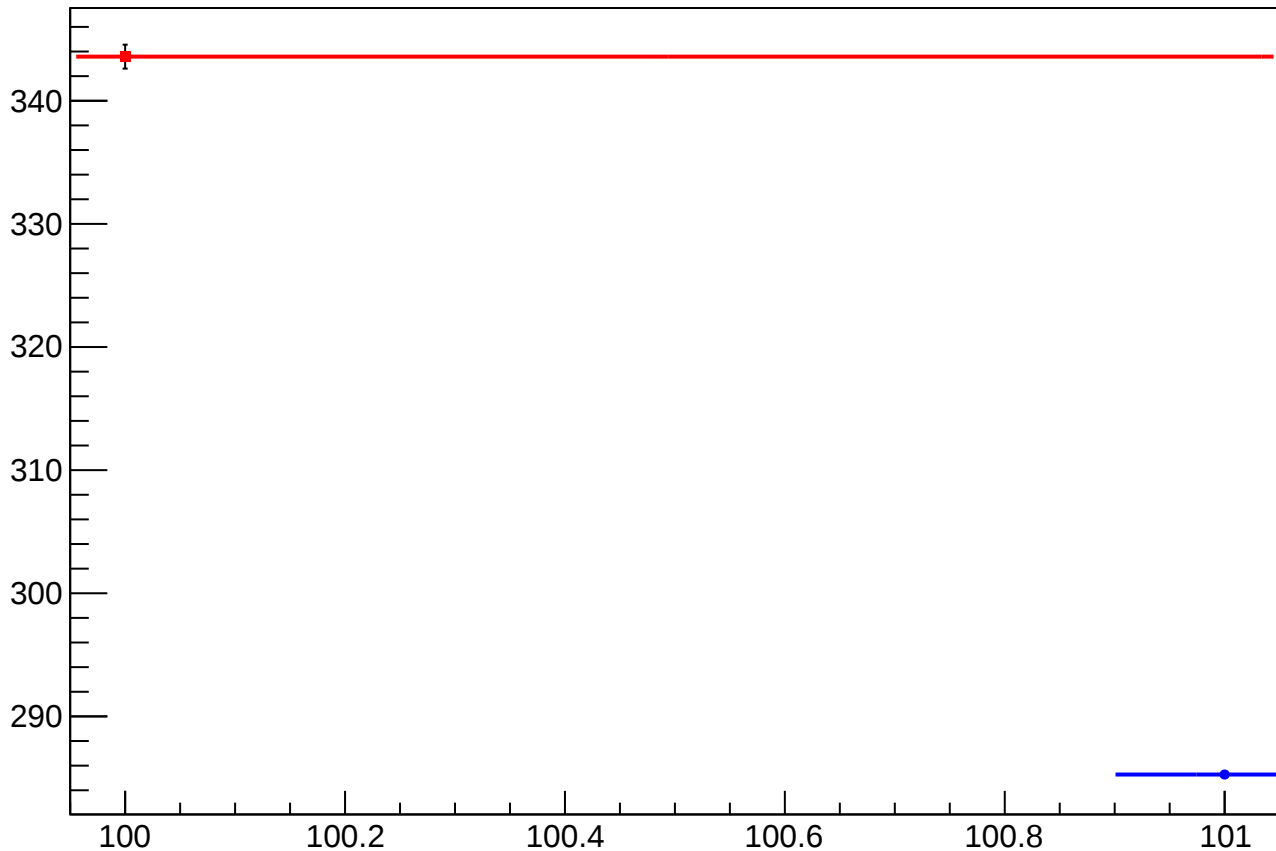
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-5447.317+/-375.955 χ^2 /NDF: 0.0/0

-4898.382+/-362.605 χ^2 /NDF: 30.6/1

2421.723+/-1372.884 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 285.279+/-0.266 χ^2/NDF : 0.0/0

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

Right Out: 343.586+/-0.971 χ^2/NDF : 0.0/0

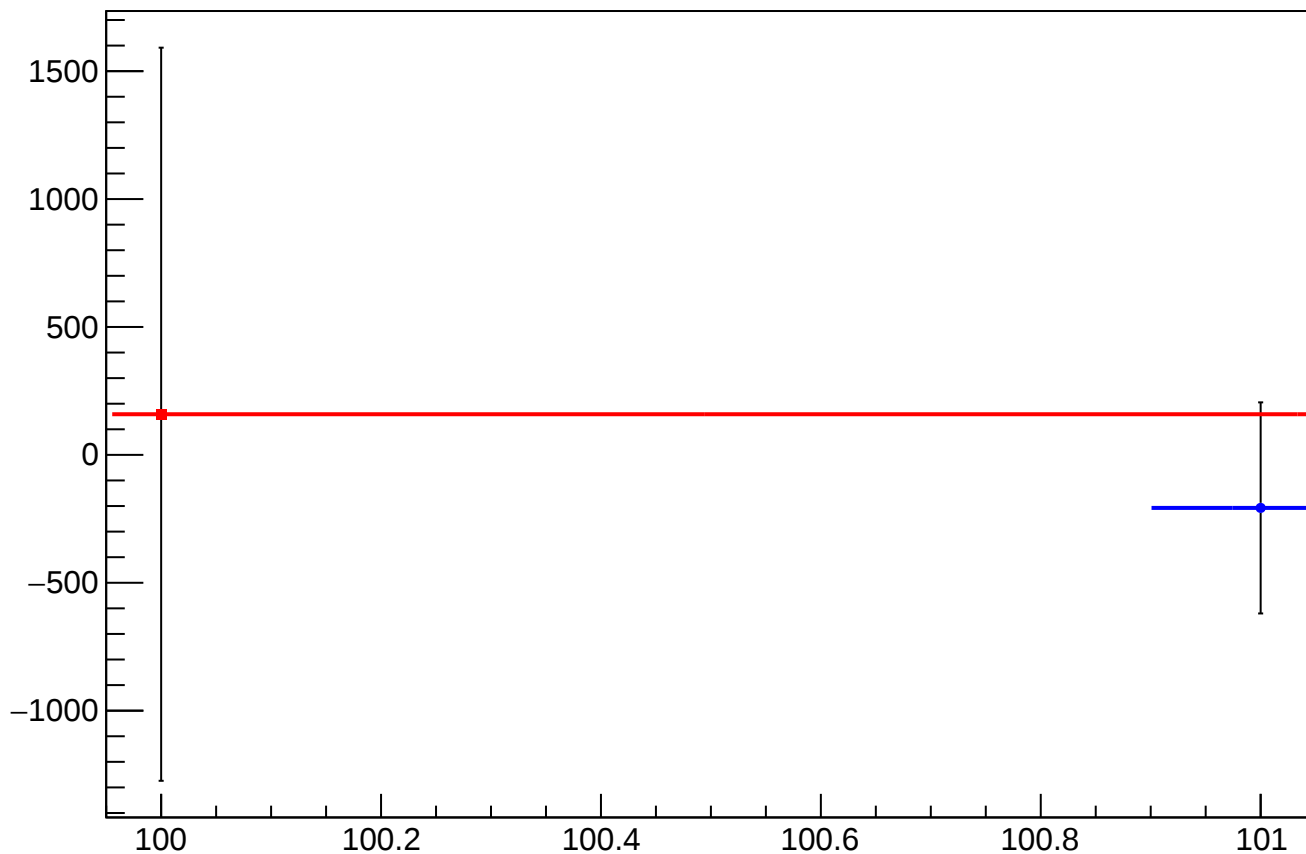
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

285.279+/-0.266 χ^2/NDF : 0.0/0

289.346+/-0.256 χ^2/NDF : 3355.8/1

343.586+/-0.971 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -207.343+/-412.601 χ^2/NDF : 0.0/0

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

Right Out: 158.859+/-1432.969 χ^2/NDF : 0.0/0

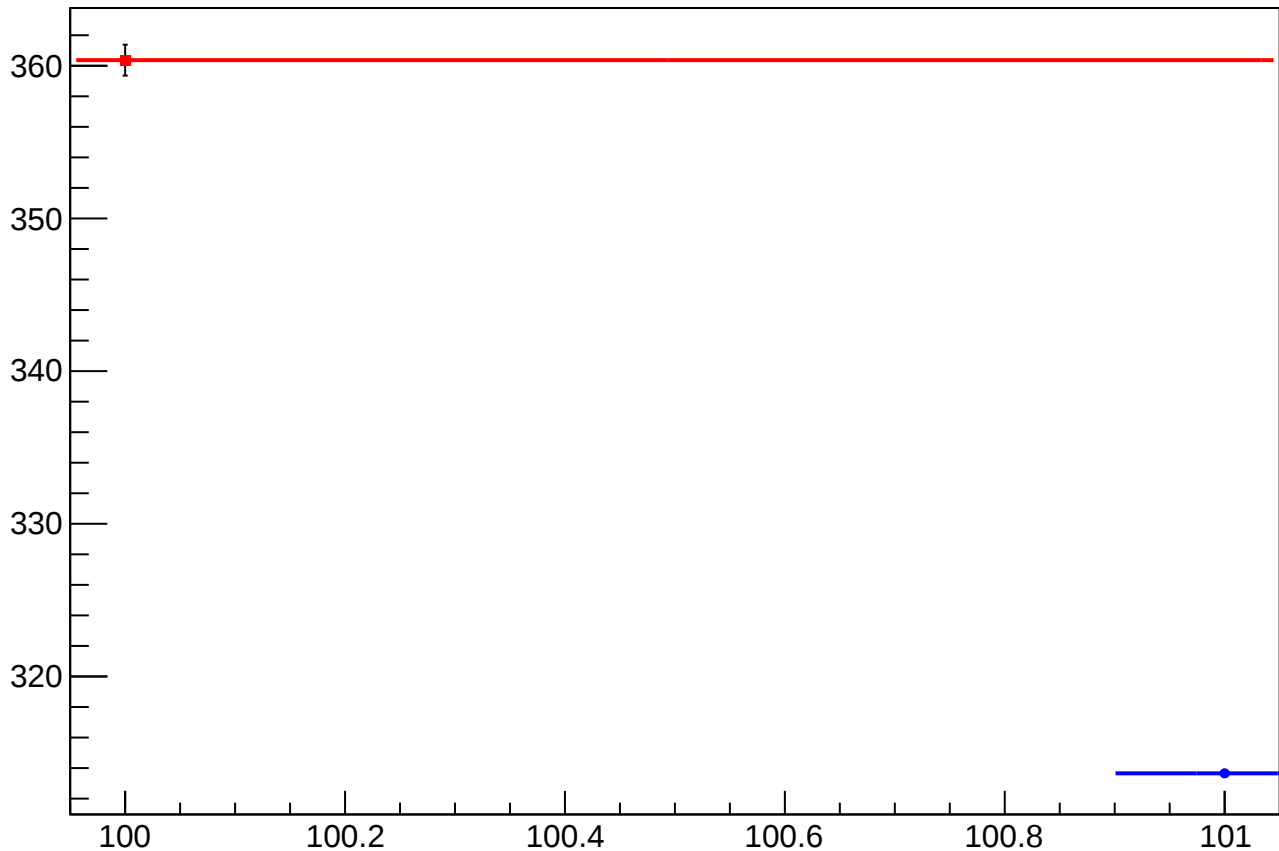
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-207.343+/-412.601 χ^2/NDF : 0.0/0

-179.306+/-396.493 χ^2/NDF : 0.1/1

158.859+/-1432.969 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 313.655+/-0.292 χ^2 /NDF: 0.0/0

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

Right Out: 360.369+/-1.013 χ^2 /NDF: 0.0/0

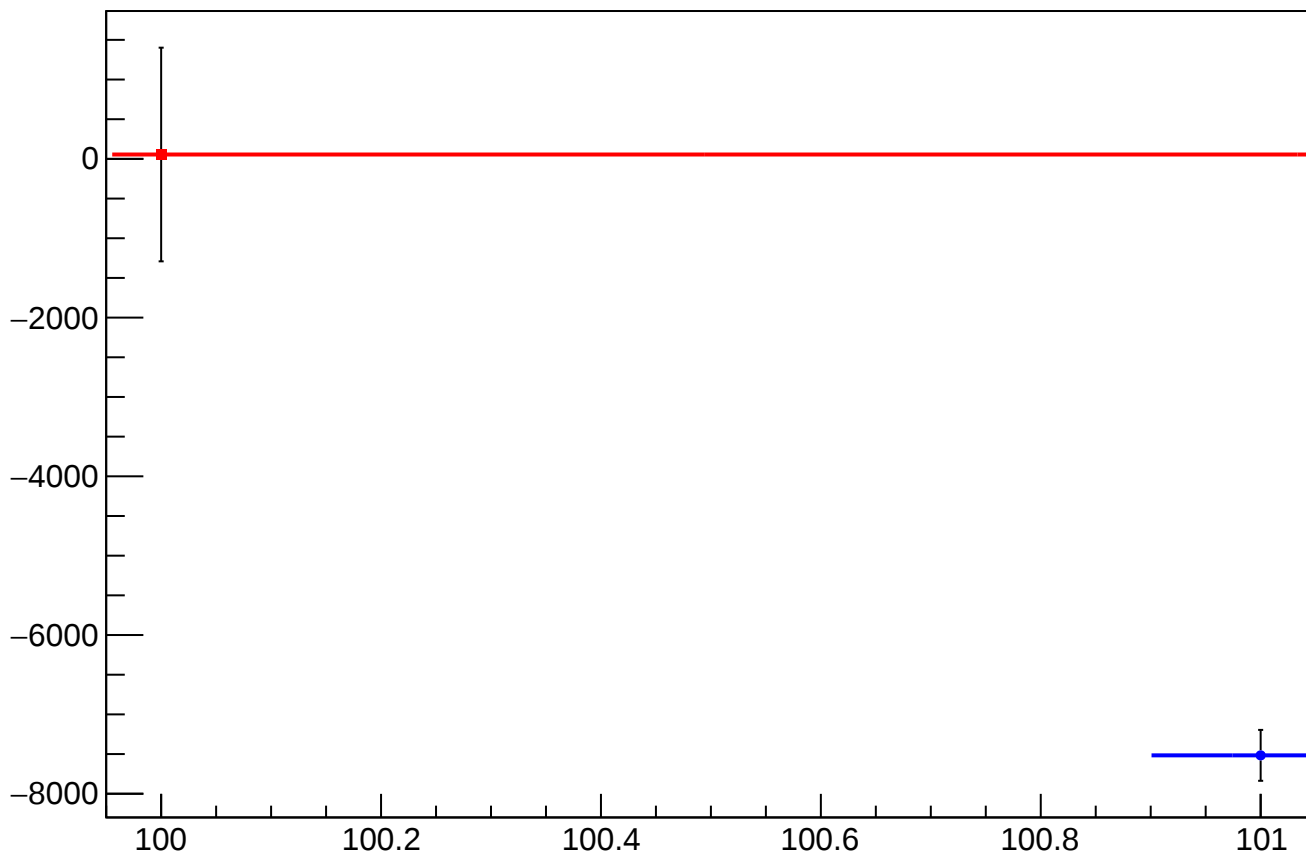
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

313.655+/-0.292 χ^2 /NDF: 0.0/0

317.231+/-0.280 χ^2 /NDF: 1962.7/1

360.369+/-1.013 χ^2 /NDF: 0.0/0

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -7516.304+/-320.658 χ^2/NDF : 0.0/0

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

Right Out: 55.237+/-1346.304 χ^2/NDF : 0.0/0

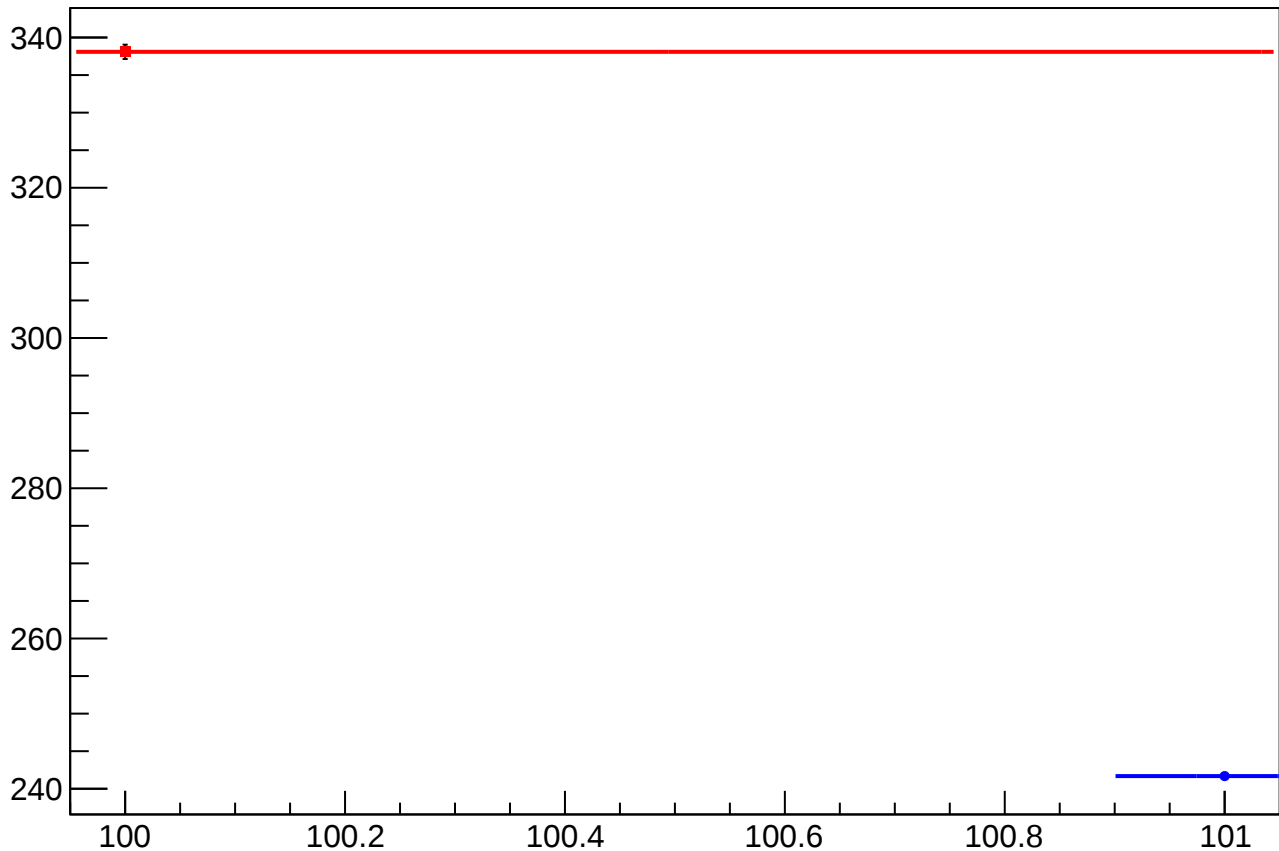
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7516.304+/-320.658 χ^2/NDF : 0.0/0

-7109.844+/-311.932 χ^2/NDF : 29.9/1

55.237+/-1346.304 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 241.685+/-0.227 χ^2/NDF : 0.0/0

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

Right Out: 338.095+/-0.952 χ^2/NDF : 0.0/0

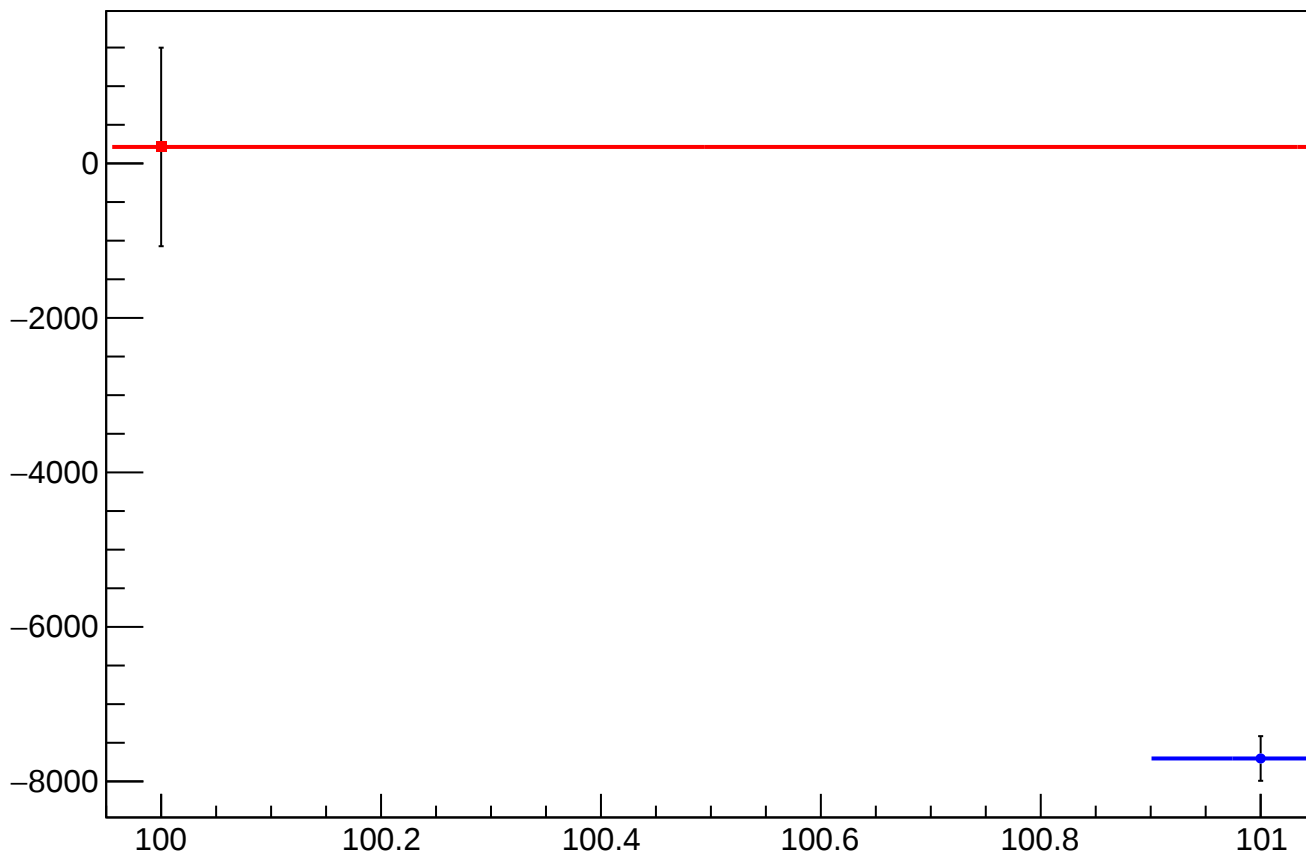
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

241.685+/-0.227 χ^2/NDF : 0.0/0

246.860+/-0.221 χ^2/NDF : 9705.7/1

338.095+/-0.952 χ^2/NDF : 0.0/0

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -7703.233+/-288.980 χ^2 /NDF: 0.0/0

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

Right Out: 213.312+/-1285.104 χ^2 /NDF: 0.0/0

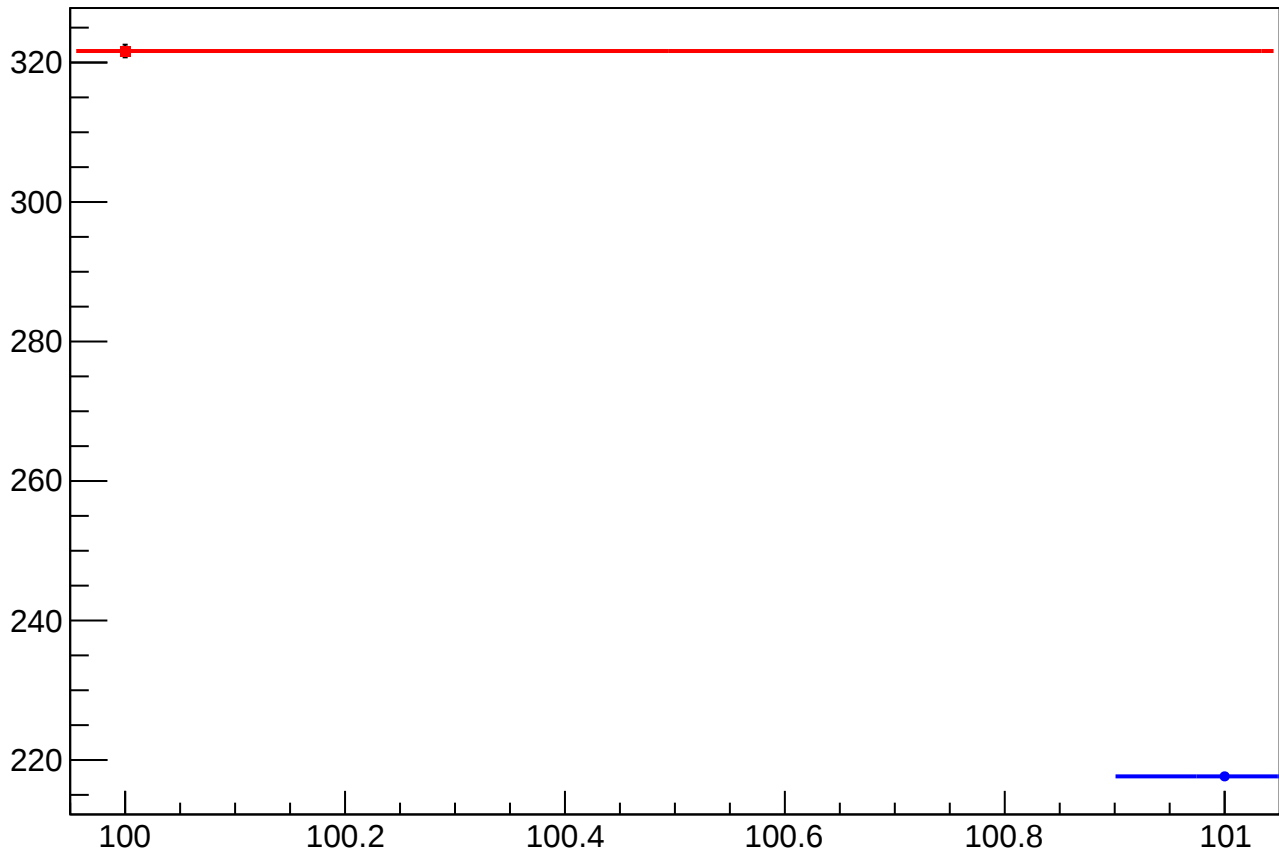
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-7703.233+/-288.980 χ^2 /NDF: 0.0/0

-7322.192+/-281.939 χ^2 /NDF: 36.1/1

213.312+/-1285.104 χ^2 /NDF: 0.0/0

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 217.654 $\pm$ 0.204 χ^2 /NDF: 0.0/0

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

Right Out: 321.650 $\pm$ 0.909 χ^2 /NDF: 0.0/0

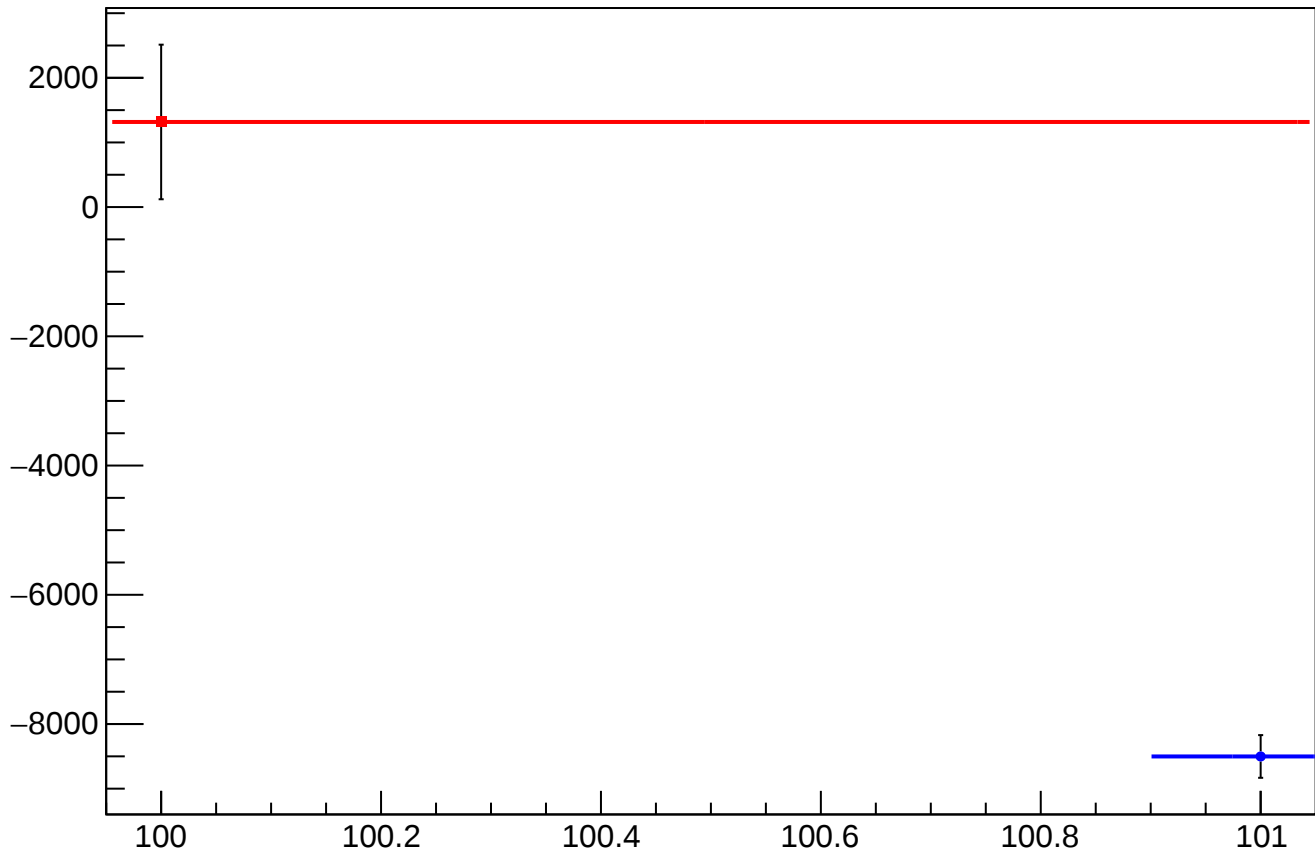
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

217.654 $\pm$ 0.204 χ^2 /NDF: 0.0/0

222.659 $\pm$ 0.199 χ^2 /NDF: 12467.1/1

321.650 $\pm$ 0.909 χ^2 /NDF: 0.0/0

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -8501.593+/-330.342 χ^2/NDF : 0.0/0

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

Right Out: 1316.838+/-1196.105 χ^2/NDF : 0.0/0

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

-8501.593+/-330.342 χ^2/NDF : 0.0/0

-7805.755+/-318.422 χ^2/NDF : 62.6/1

1316.838+/-1196.105 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 249.276+/-0.234 χ^2 /NDF: 0.0/0

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

Right Out: 296.771+/-0.846 χ^2 /NDF: 0.0/0

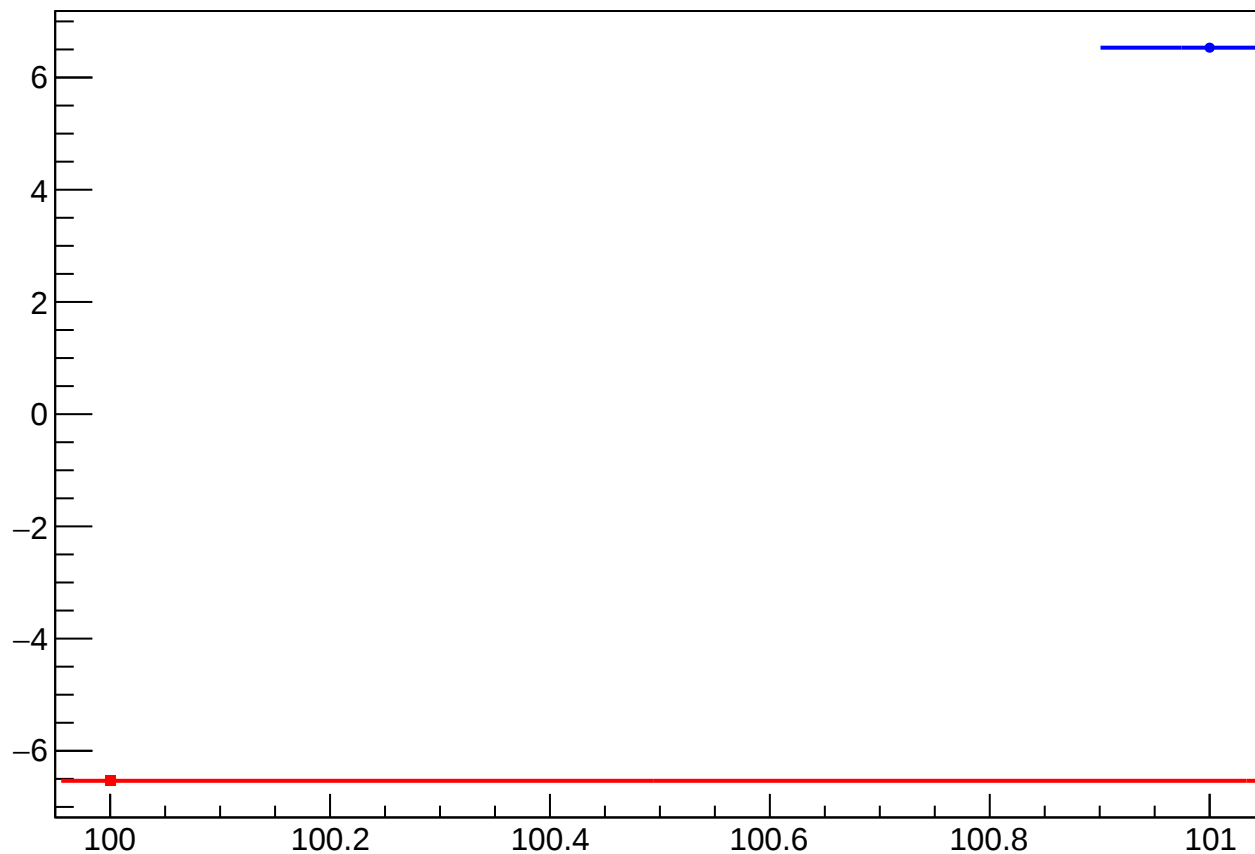
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

249.276+/-0.234 χ^2 /NDF: 0.0/0

252.642+/-0.225 χ^2 /NDF: 2929.9/1

296.771+/-0.846 χ^2 /NDF: 0.0/0

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 6.532+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -6.534+/-0.000 χ^2/NDF : 0.0/0

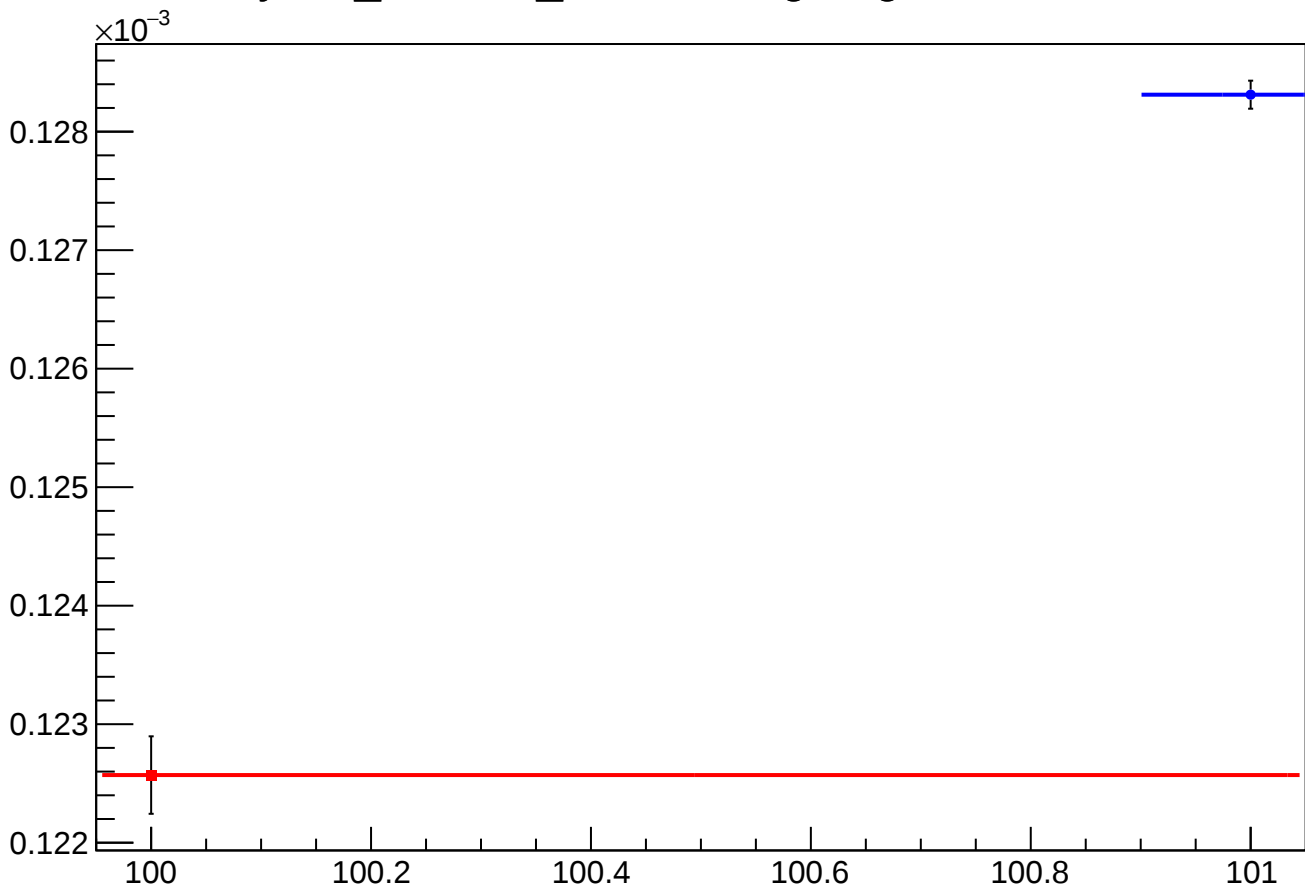
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

6.532+/-0.000 χ^2/NDF : 0.0/0

5.019+/-0.000 χ^2/NDF : 70637140772086

-6.534+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bX_rms vs Slug, Sign Corrected



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

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

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

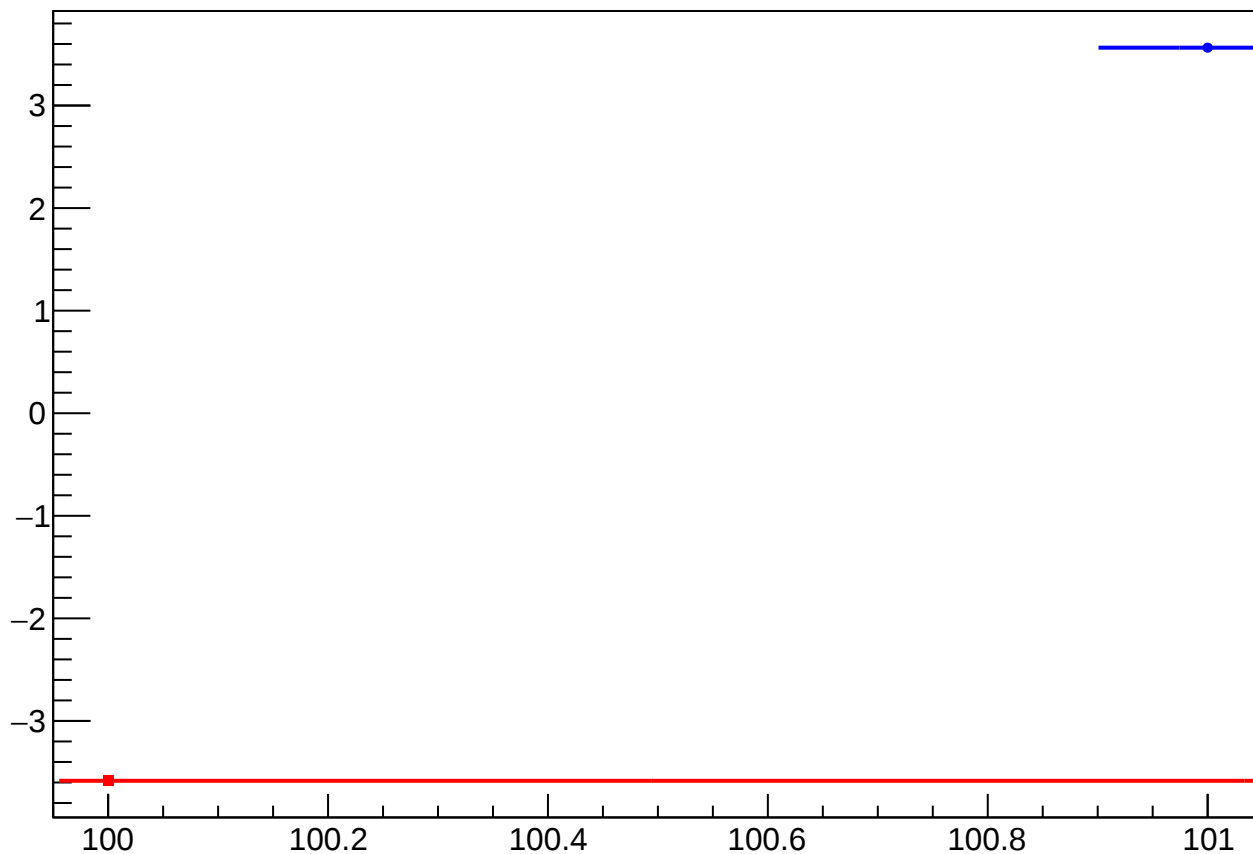
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 272.8/1

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 3.564+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -3.584+/-0.000 χ^2/NDF : 0.0/0

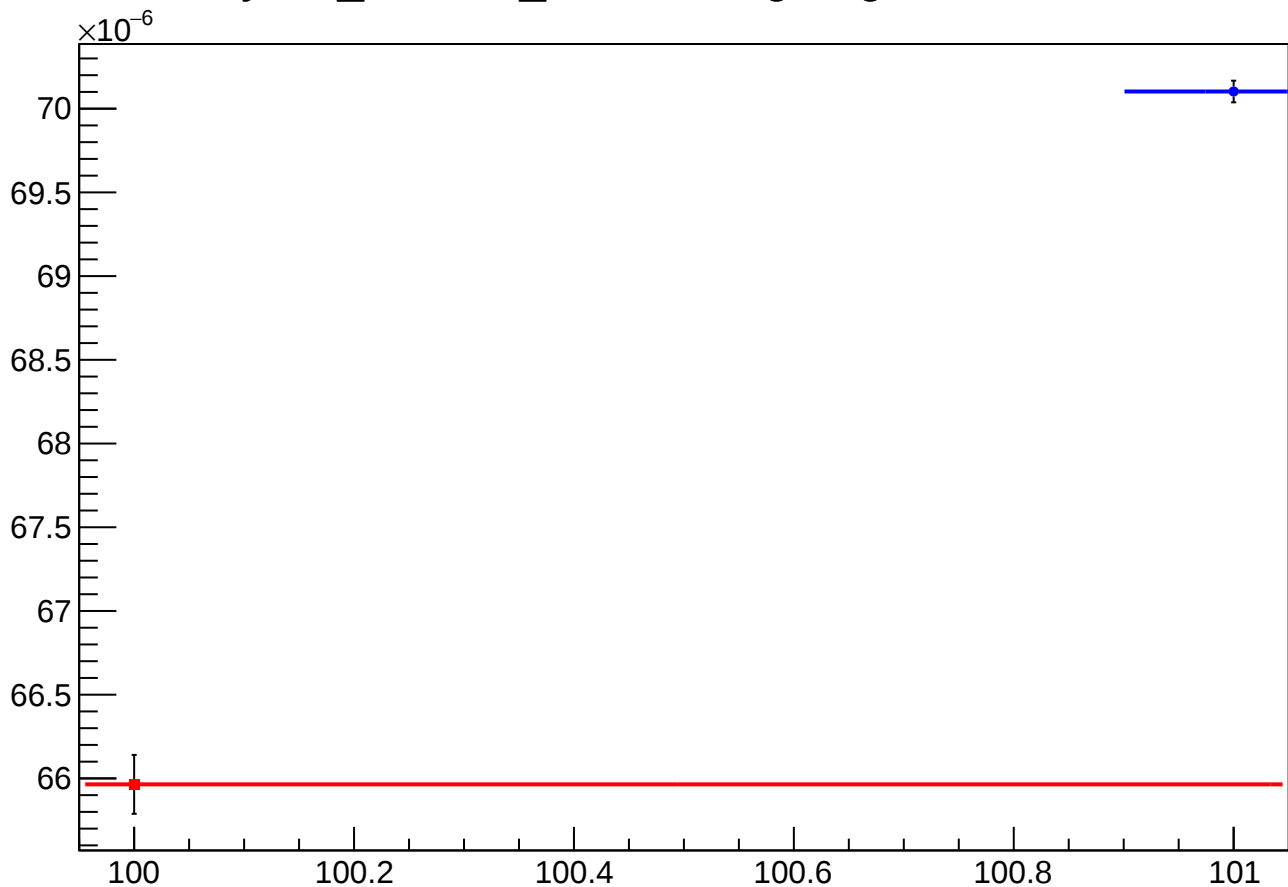
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.564+/-0.000 χ^2/NDF : 0.0/0

2.713+/-0.000 χ^2/NDF : 72740318457463

-3.584+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_rms vs Slug, Sign Corrected



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

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

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

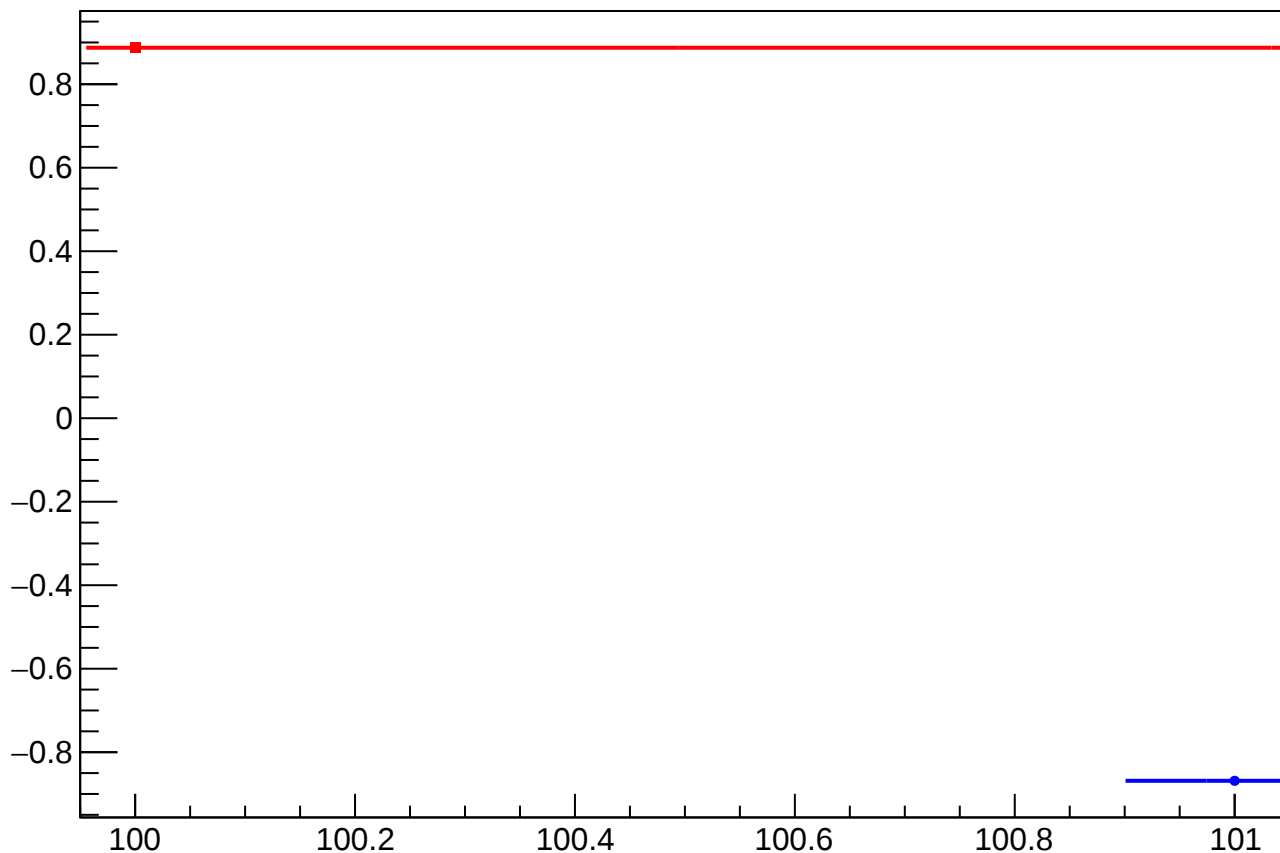
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 487.6/1

0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -0.868+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.887+/-0.000 χ^2/NDF : 0.0/0

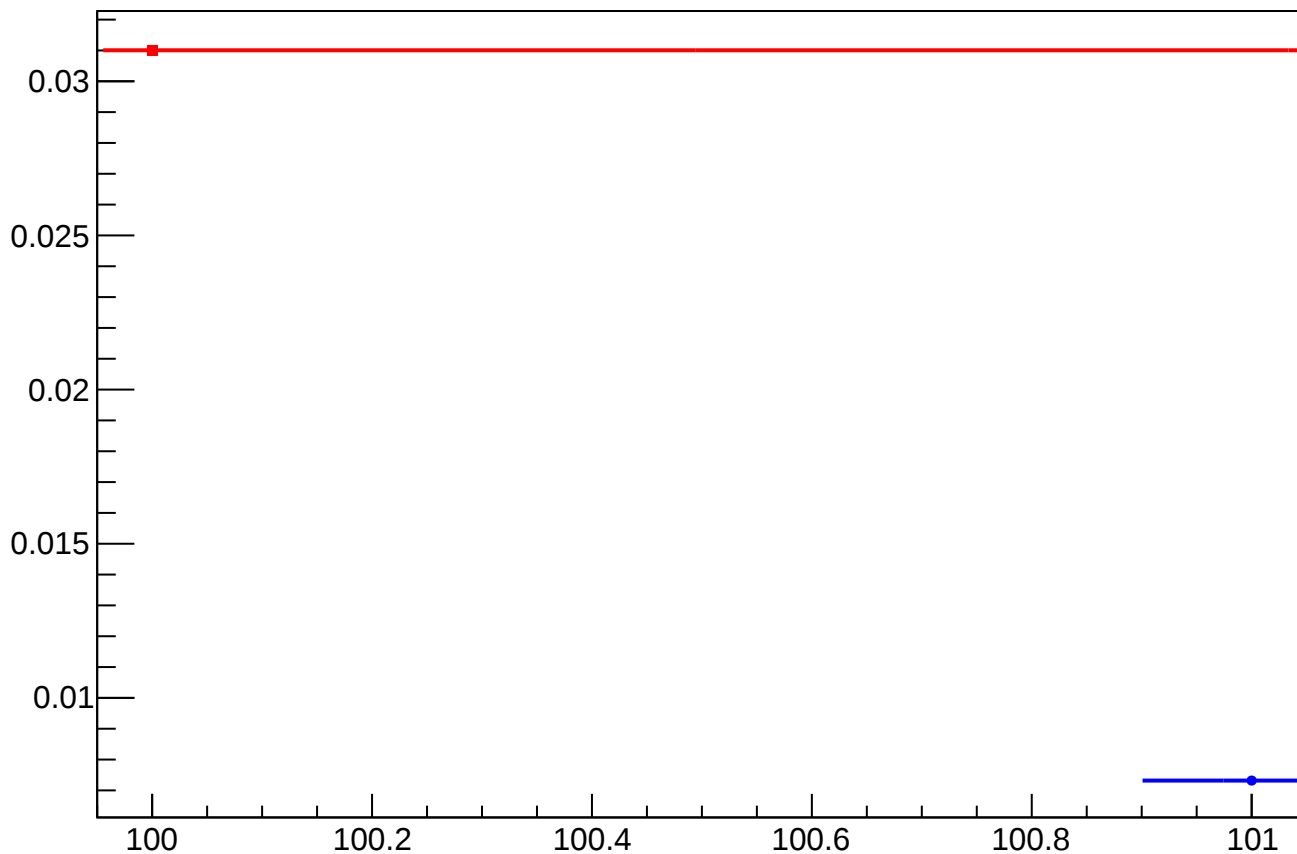
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.868+/-0.000 χ^2/NDF : 0.0/0

-0.855+/-0.000 χ^2/NDF : 213397800.8/1

0.887+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.031+/-0.000 χ^2/NDF : 0.0/0

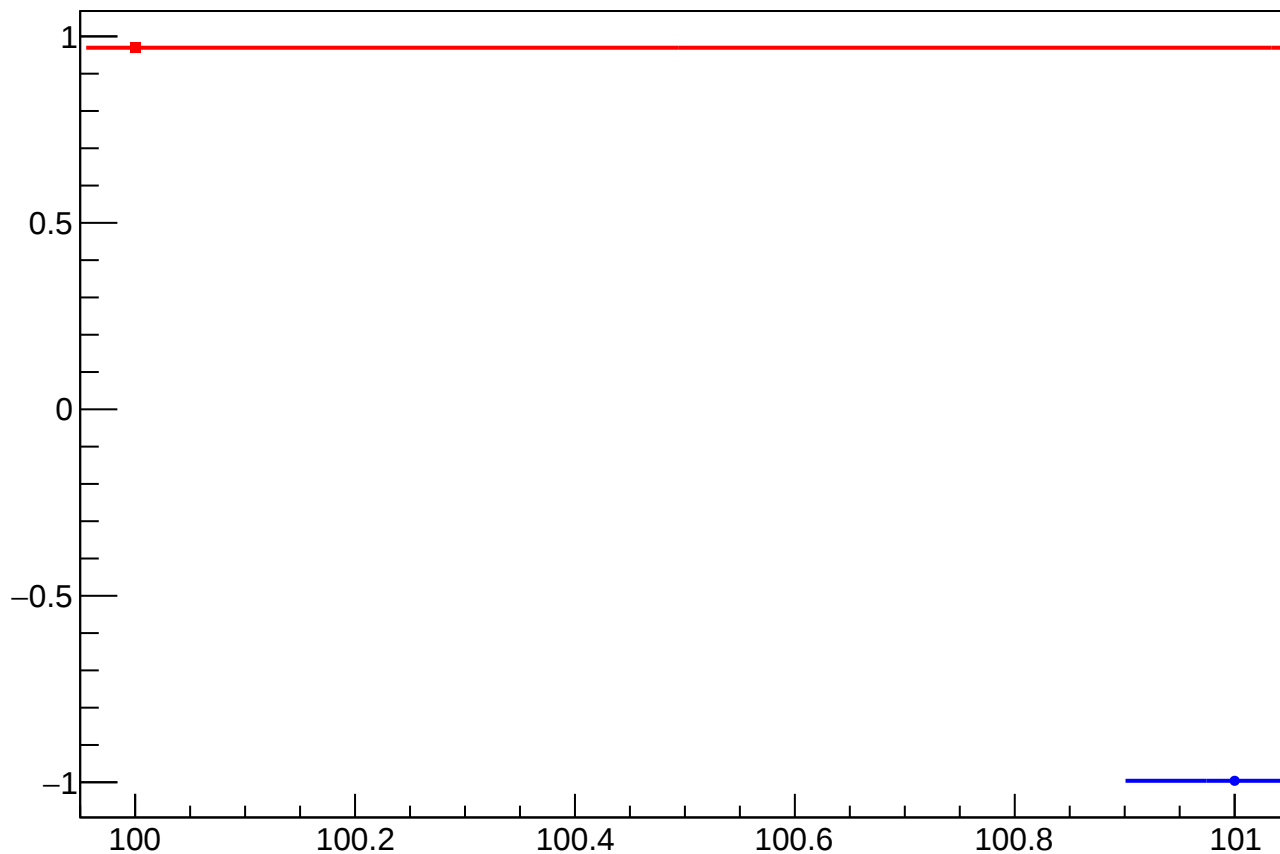
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 77668.4/1

0.031+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -0.996+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.970+/-0.000 χ^2/NDF : 0.0/0

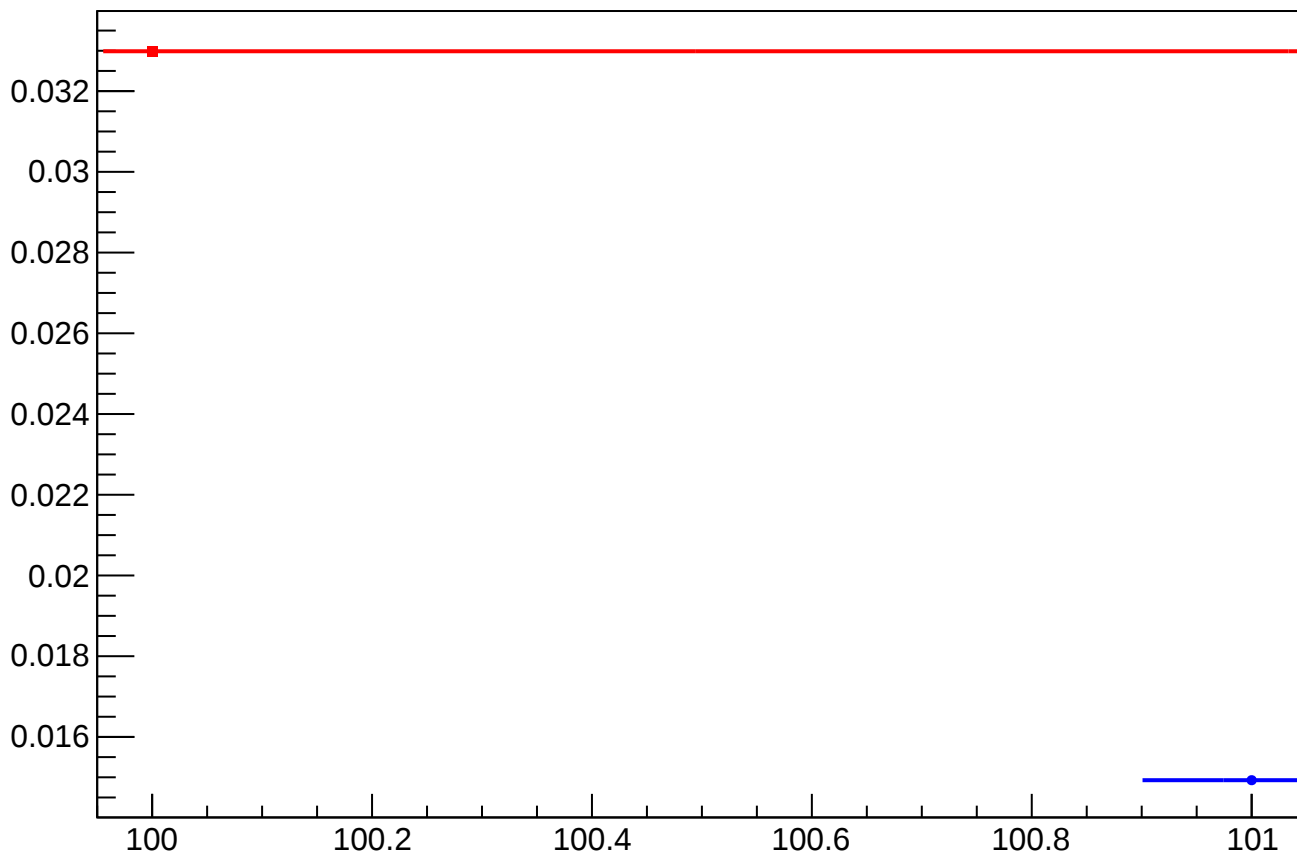
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.996+/-0.000 χ^2/NDF : 0.0/0

-0.942+/-0.000 χ^2/NDF : 238116620.6/1

0.970+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.033+/-0.000 χ^2/NDF : 0.0/0

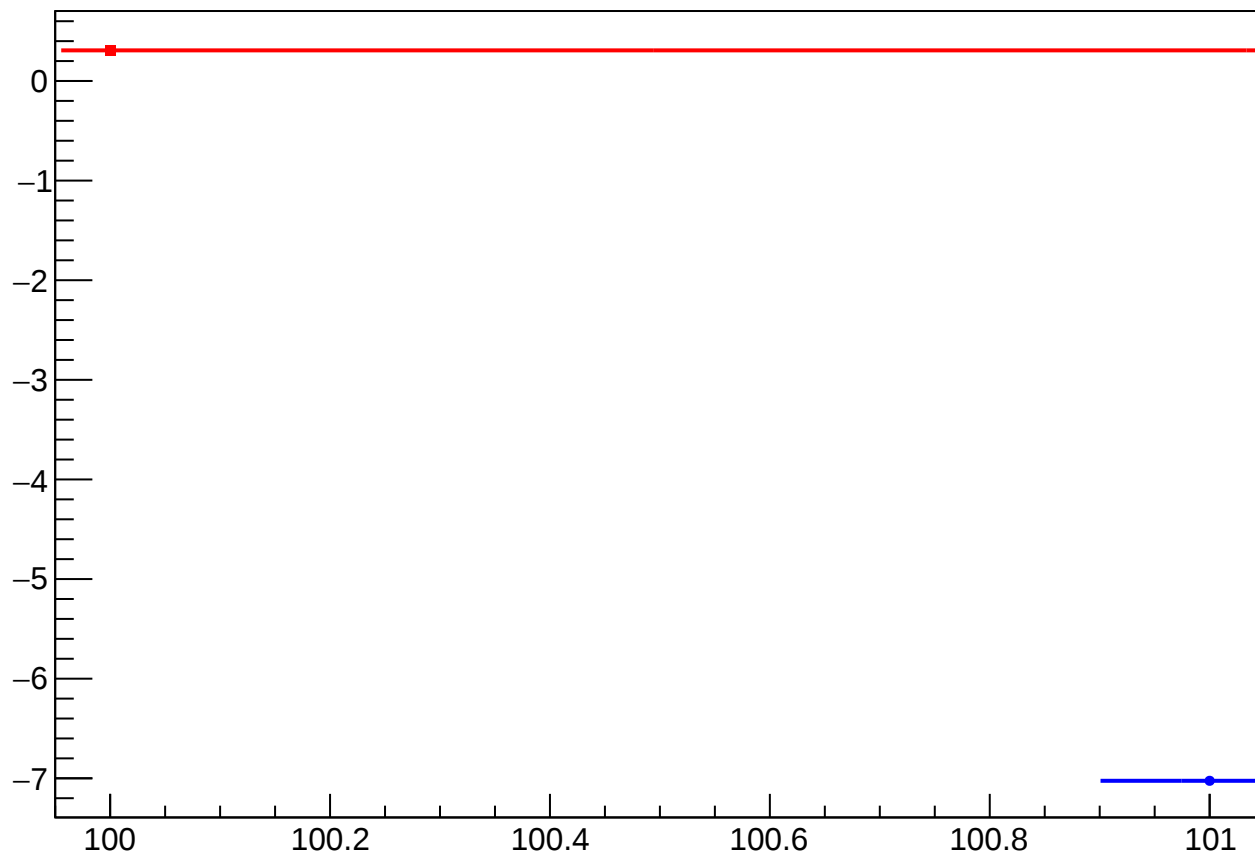
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 40198.4/1

0.033+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -7.025+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.307+/-0.027 χ^2/NDF : 0.0/0

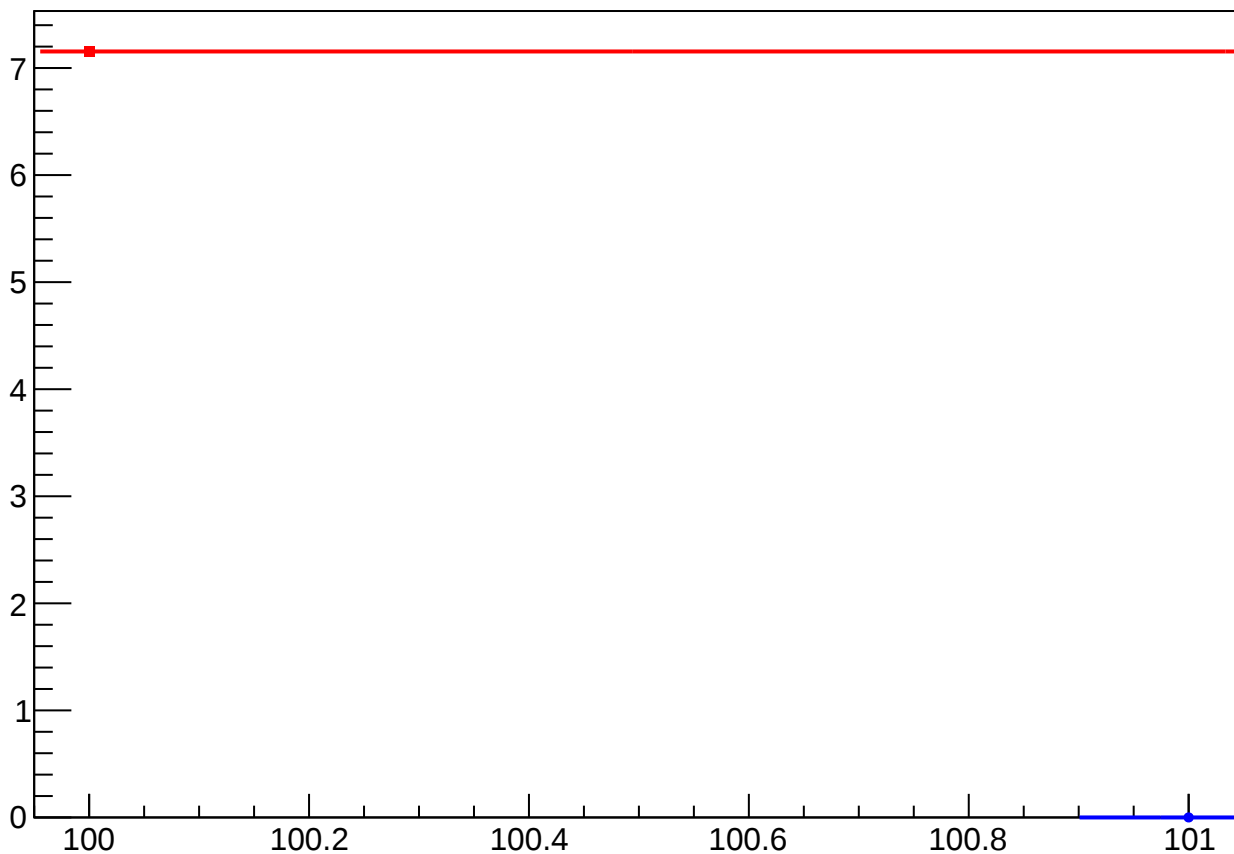
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-7.025+/-0.000 χ^2/NDF : 0.0/0

-7.025+/-0.000 χ^2/NDF : 73164.0/1

0.307+/-0.027 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug, Sign Corrected



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

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

Right Out: 7.155+/-0.019 χ^2/NDF : 0.0/0

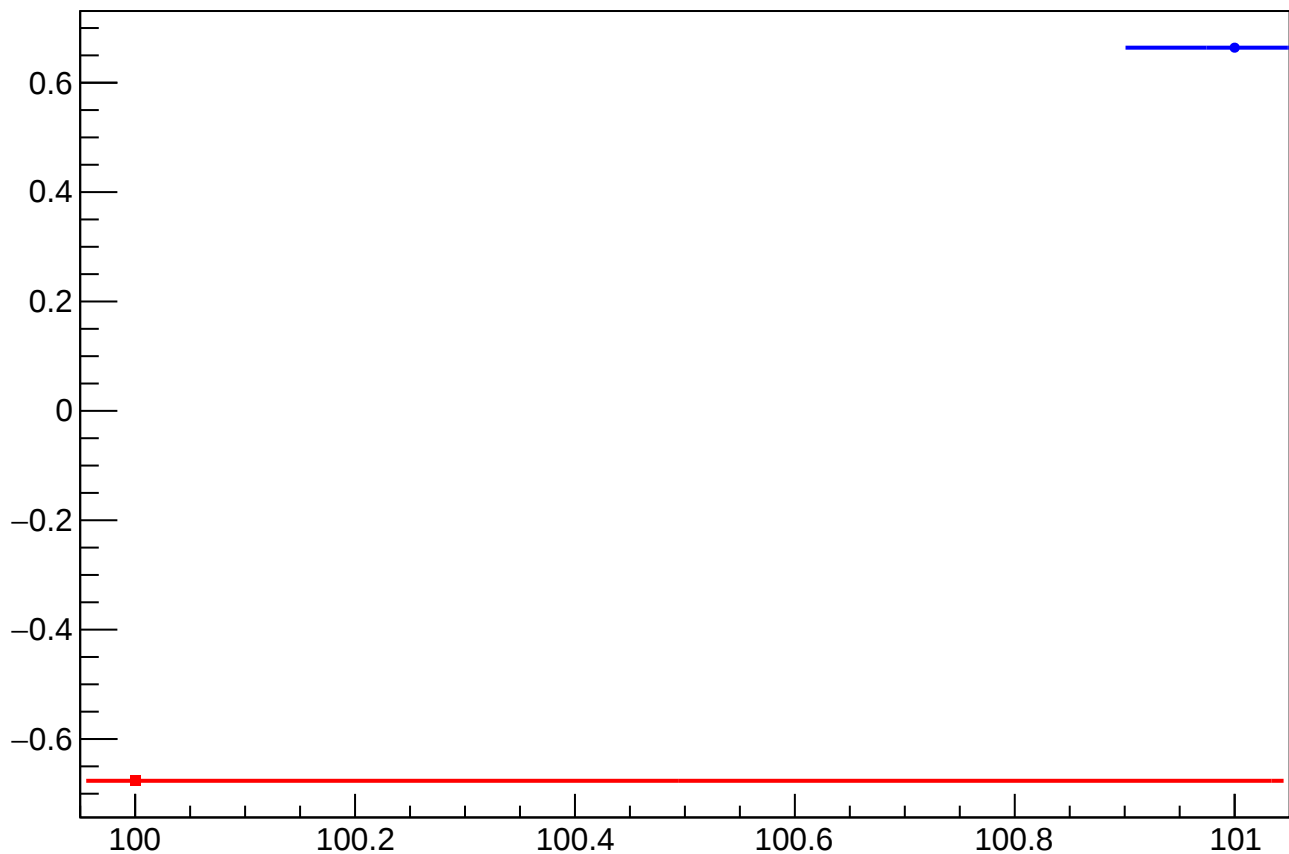
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 0.0/0

0.000+/-0.000 χ^2/NDF : 139310.2/1

7.155+/-0.019 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 0.664+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -0.676+/-0.000 χ^2/NDF : 0.0/0

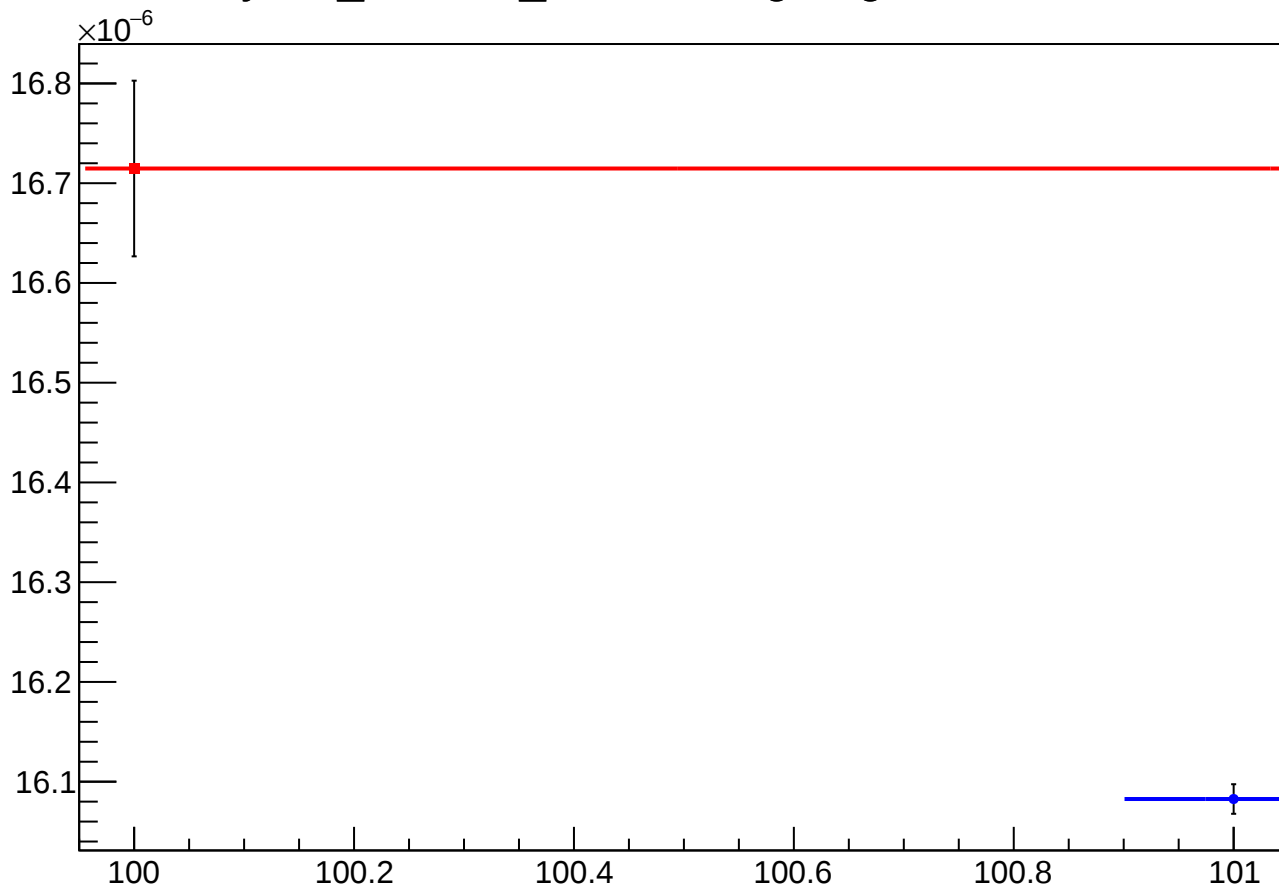
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.664+/-0.000 χ^2/NDF : 0.0/0

0.627+/-0.000 χ^2/NDF : 11265321349513

-0.676+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug, Sign Corrected



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

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

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

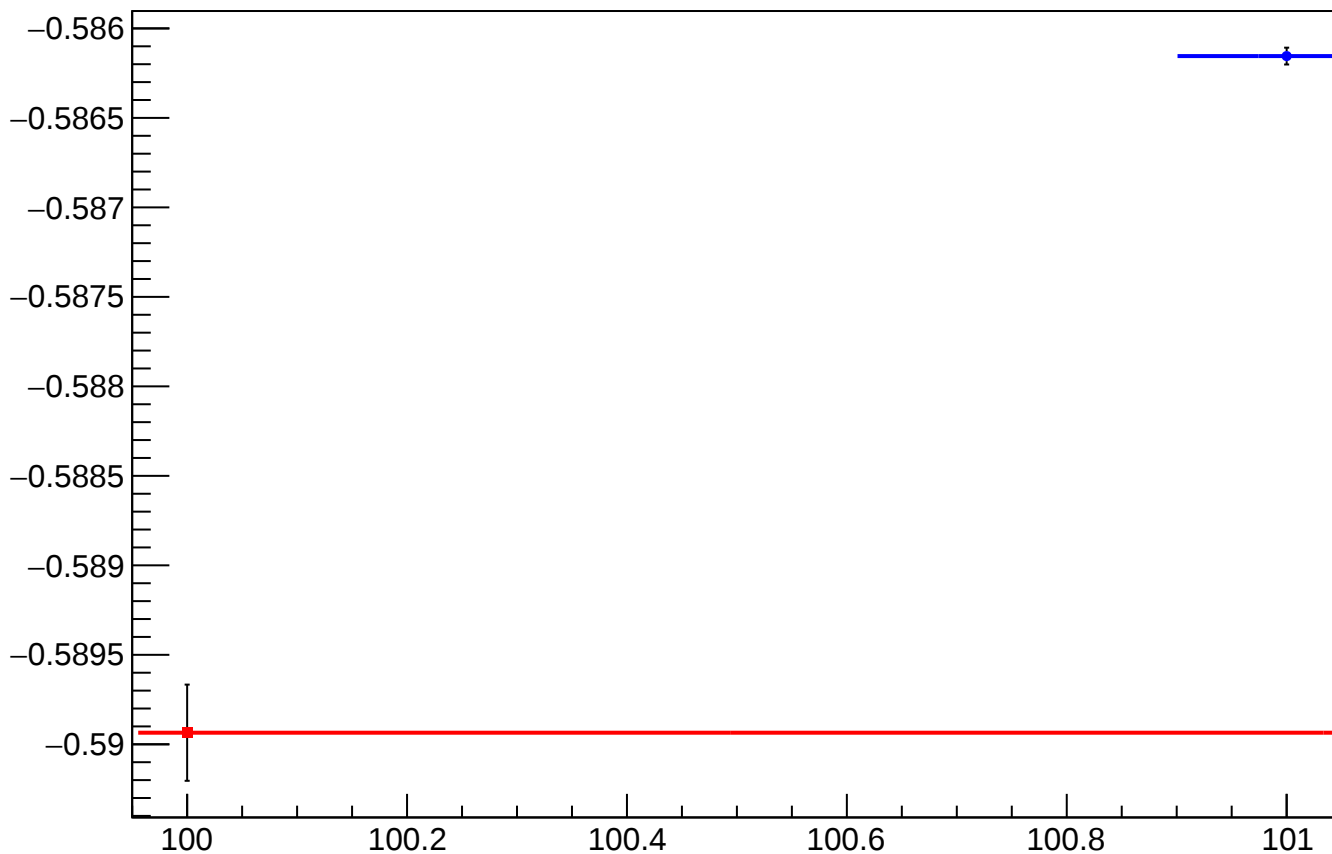
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.000 $\pm$ 0.000 χ^2 /NDF: 50.1/1

0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.586+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -0.590+/-0.000 χ^2/NDF : 0.0/0

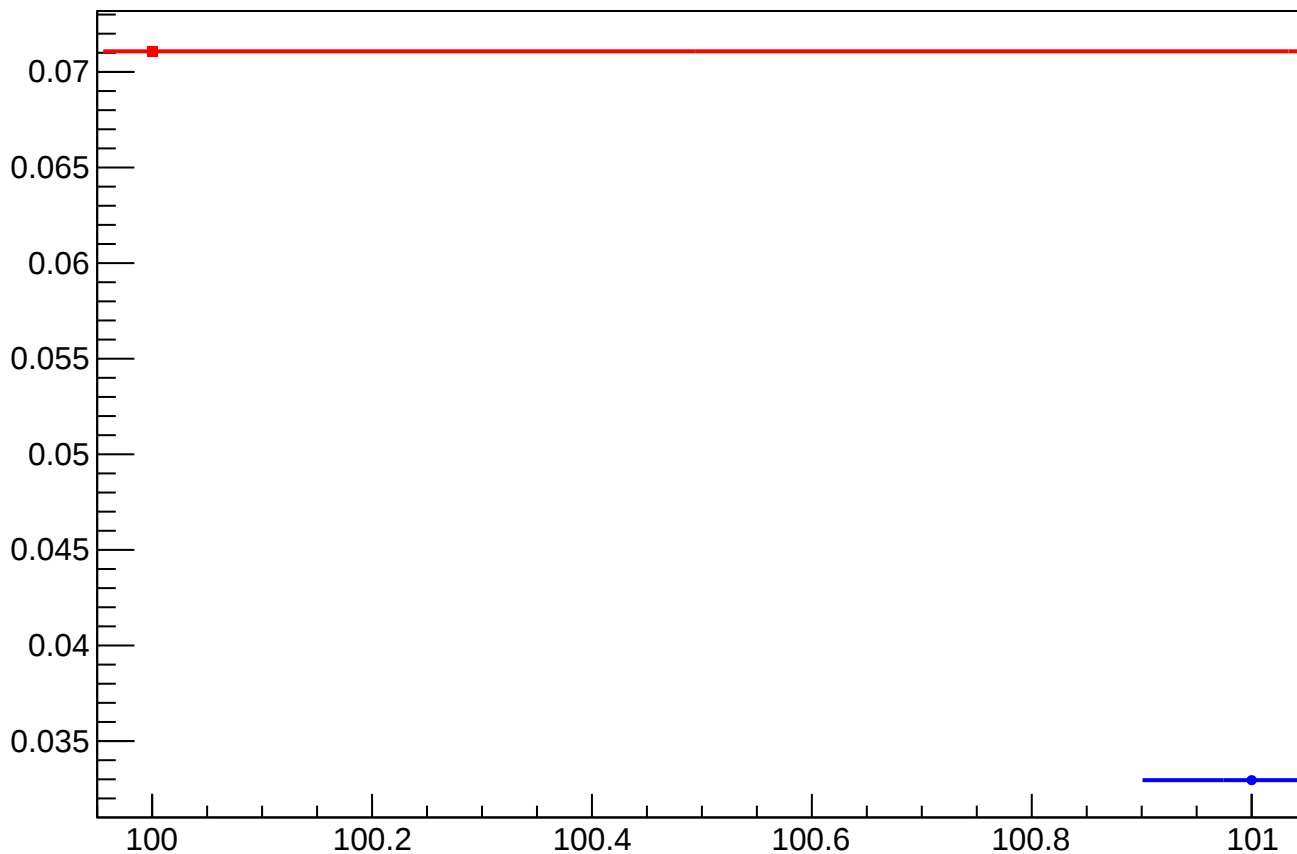
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.586+/-0.000 χ^2/NDF : 0.0/0

-0.586+/-0.000 χ^2/NDF : 192.0/1

-0.590+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.071+/-0.000 χ^2/NDF : 0.0/0

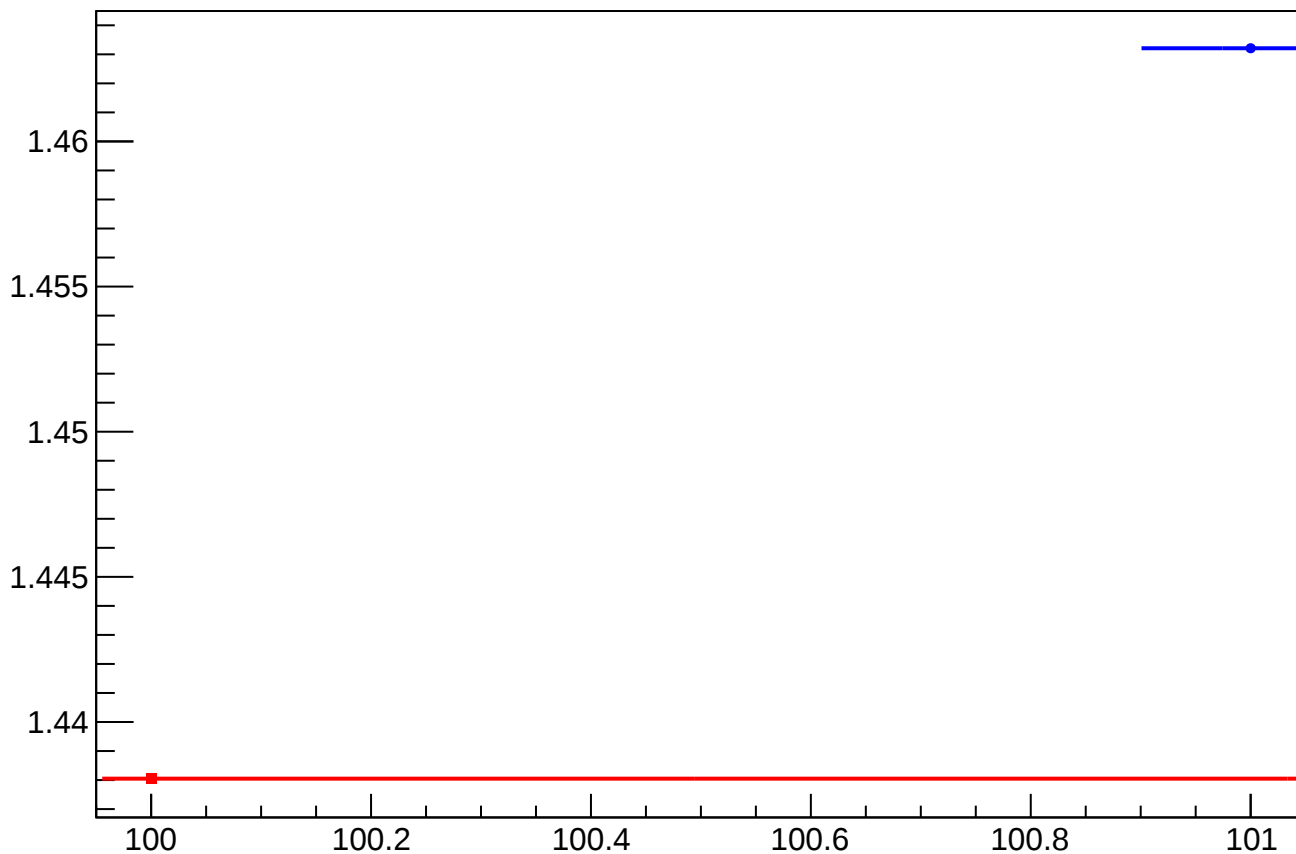
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.000 χ^2/NDF : 39056.2/1

0.071+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 1.463+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 1.438+/-0.000 χ^2/NDF : 0.0/0

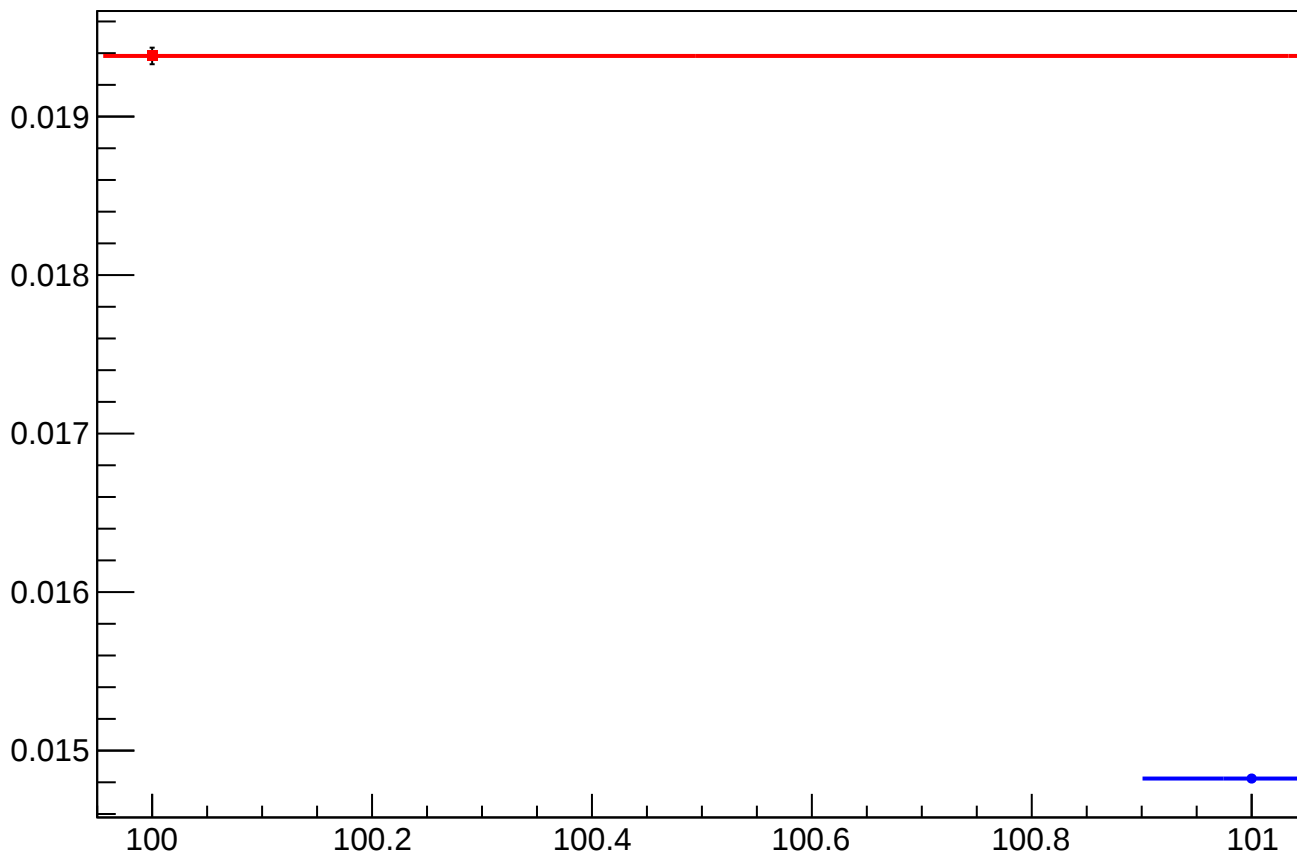
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.463+/-0.000 χ^2/NDF : 0.0/0

1.461+/-0.000 χ^2/NDF : 108115.9/1

1.438+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.019+/-0.000 χ^2/NDF : 0.0/0

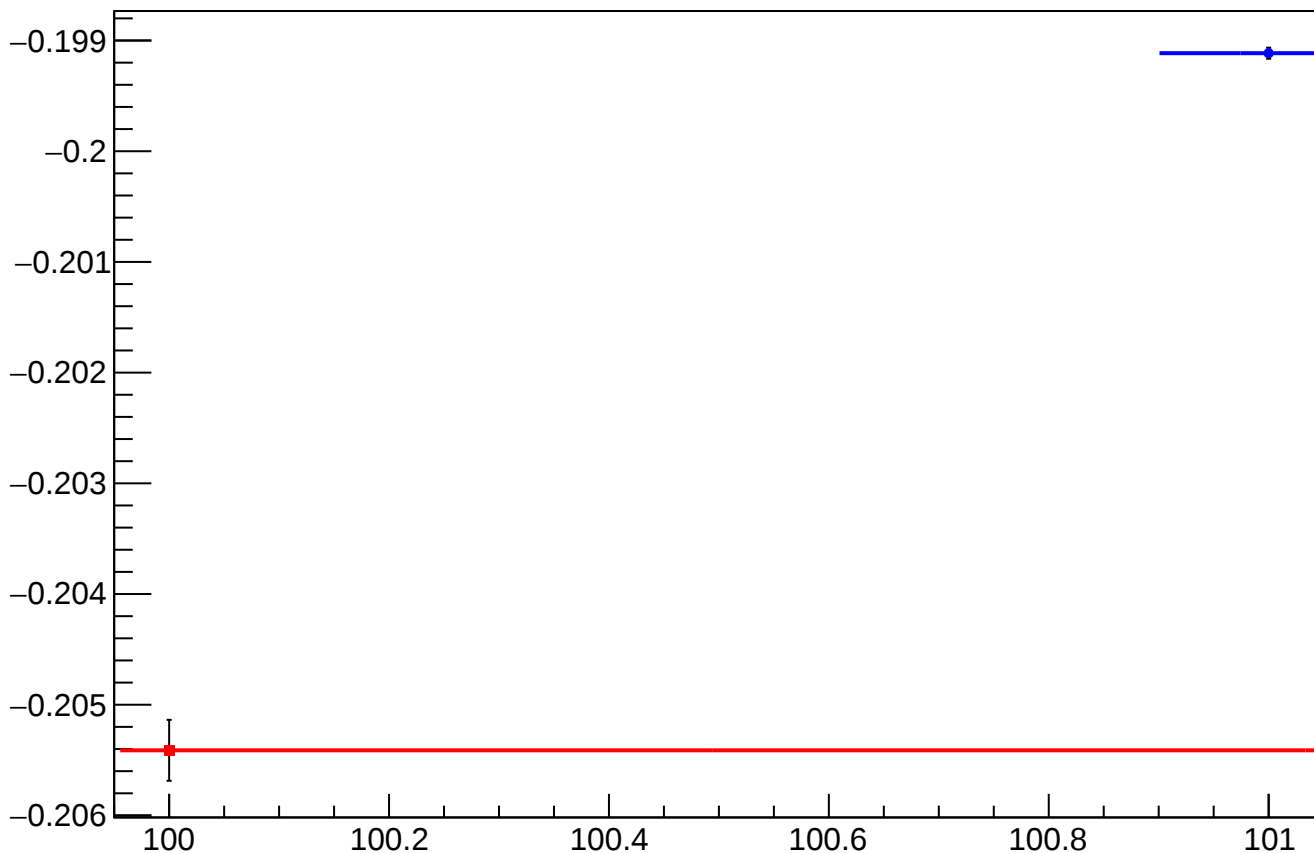
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 7098.2/1

0.019+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.199 ± 0.000 χ^2/NDF : 0.0/0

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

Right Out: -0.205 ± 0.000 χ^2/NDF : 0.0/0

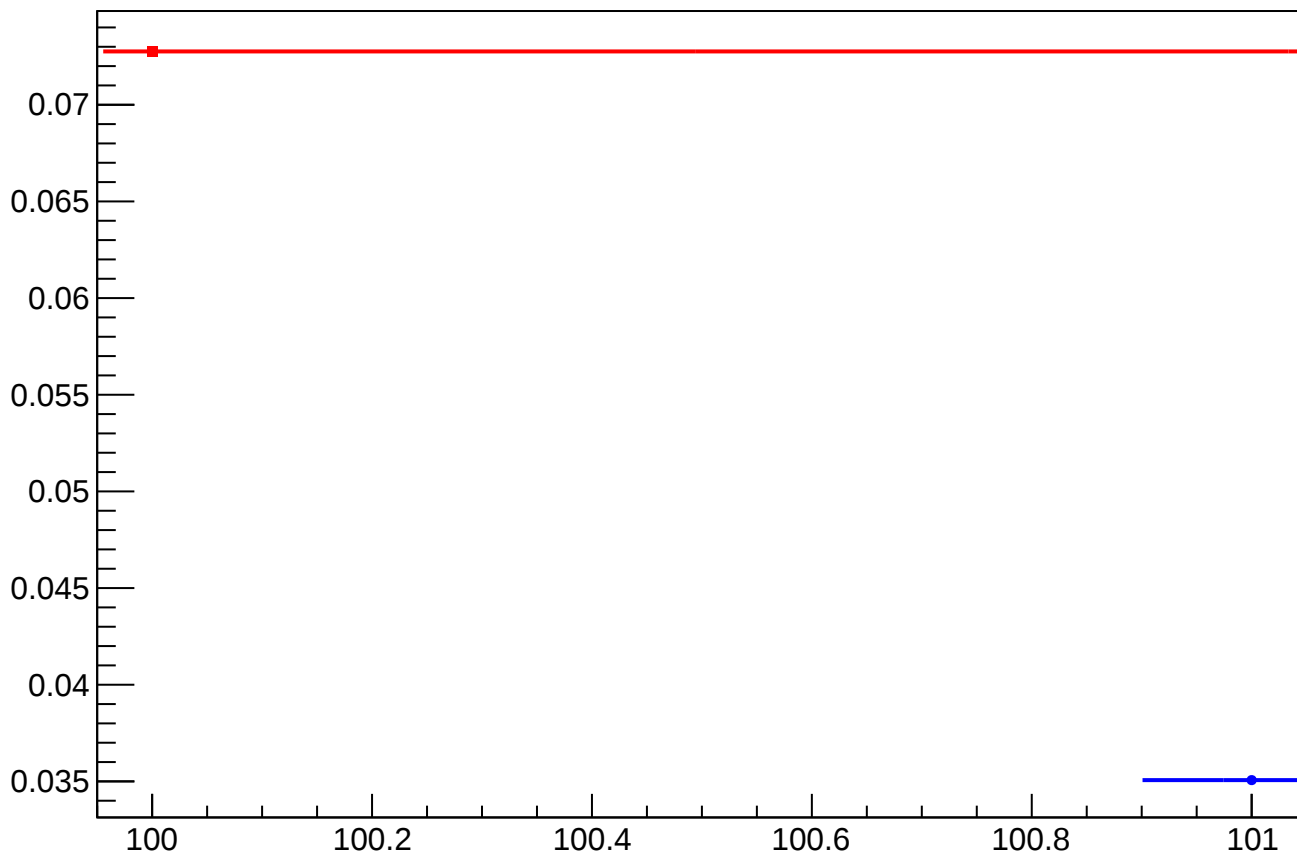
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

-0.199 ± 0.000 χ^2/NDF : 0.0/0

-0.199 ± 0.000 χ^2/NDF : 506.8/1

-0.205 ± 0.000 χ^2/NDF : 0.0/0

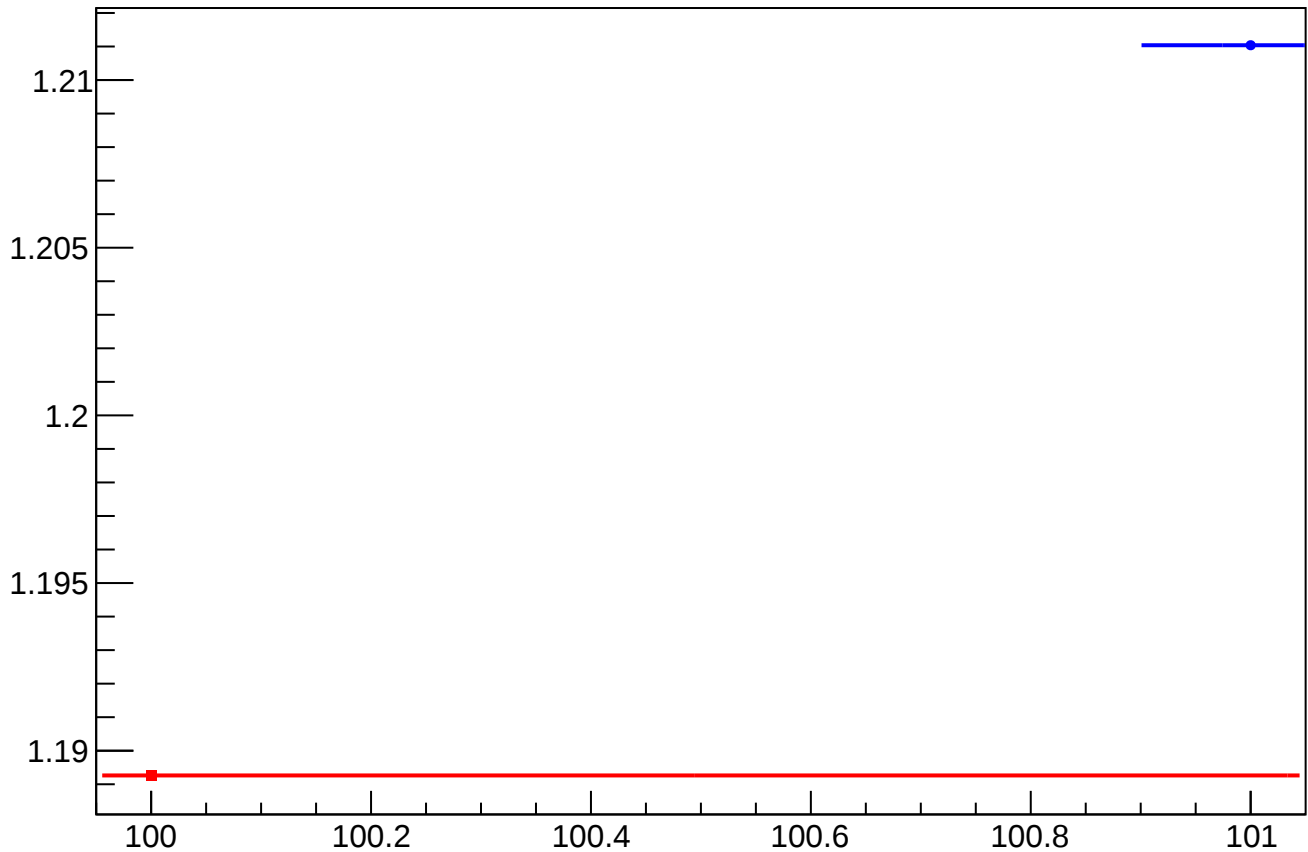
yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.073+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.035+/-0.000 χ^2/NDF : 0.0/0
0.036+/-0.000 χ^2/NDF : 36314.9/1
0.073+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 1.211+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 1.189+/-0.000 χ^2/NDF : 0.0/0

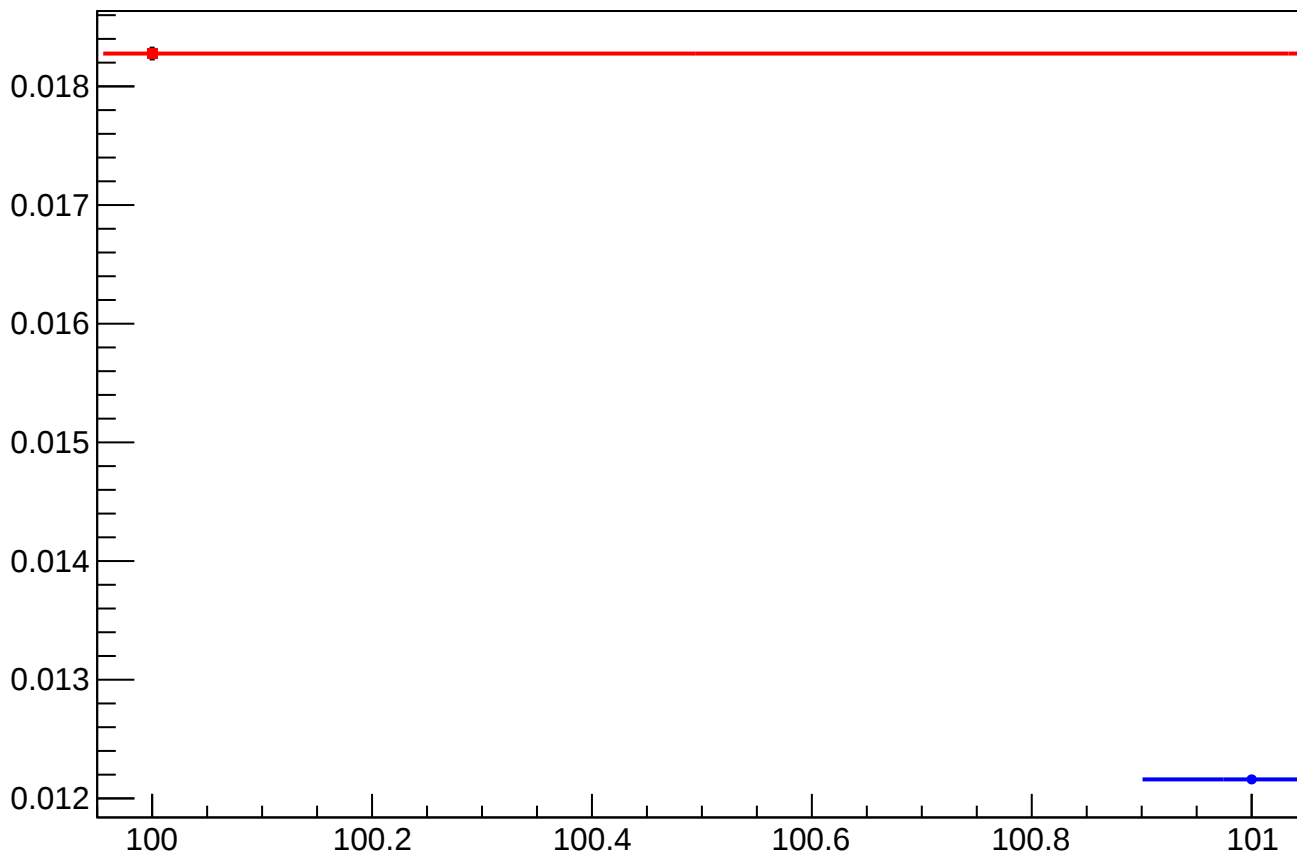
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.211+/-0.000 χ^2/NDF : 0.0/0

1.210+/-0.000 χ^2/NDF : 90968.9/1

1.189+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.018+/-0.000 χ^2/NDF : 0.0/0

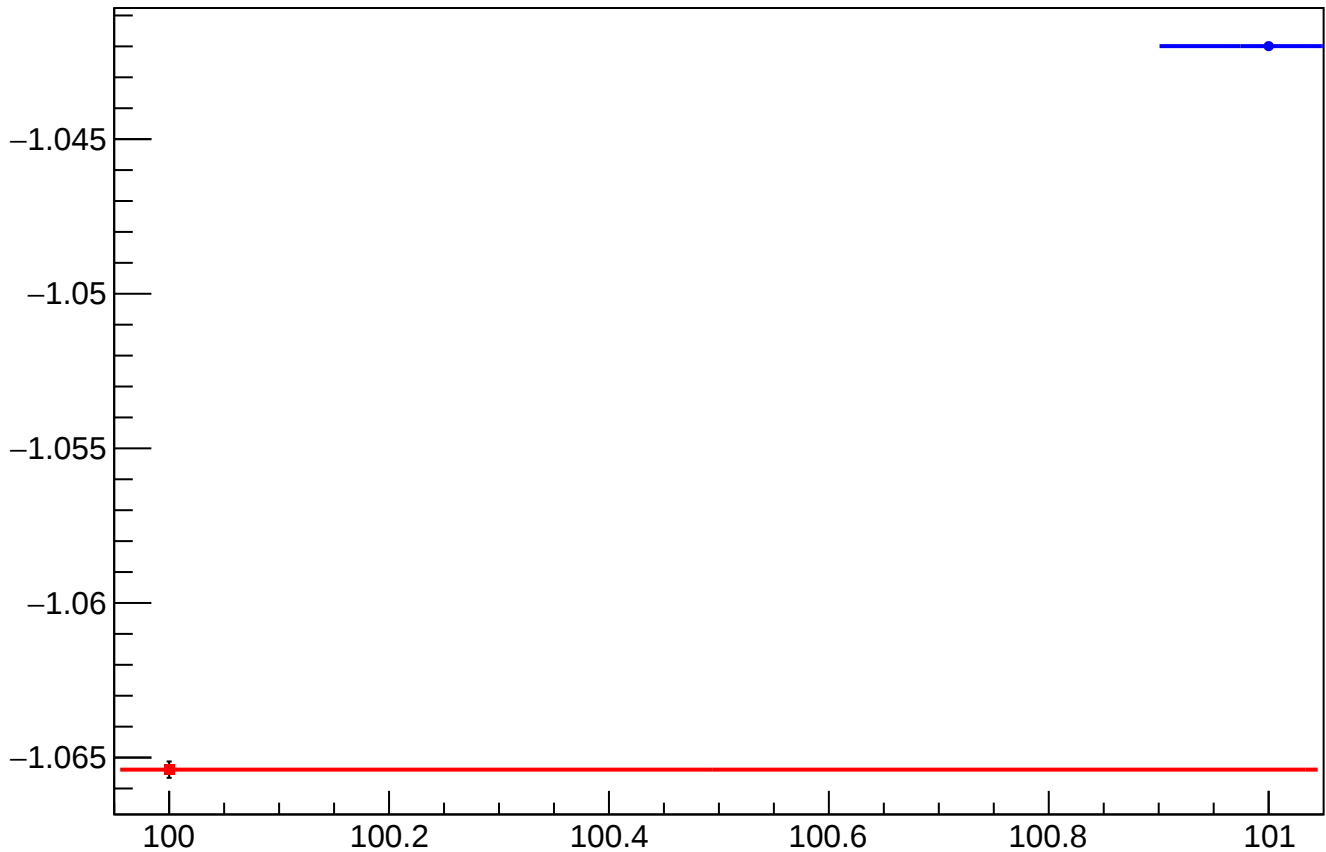
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 14354.1/1

0.018+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -1.042+/-0.000 χ^2 /NDF: 0.0/0

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

Right Out: -1.065+/-0.000 χ^2 /NDF: 0.0/0

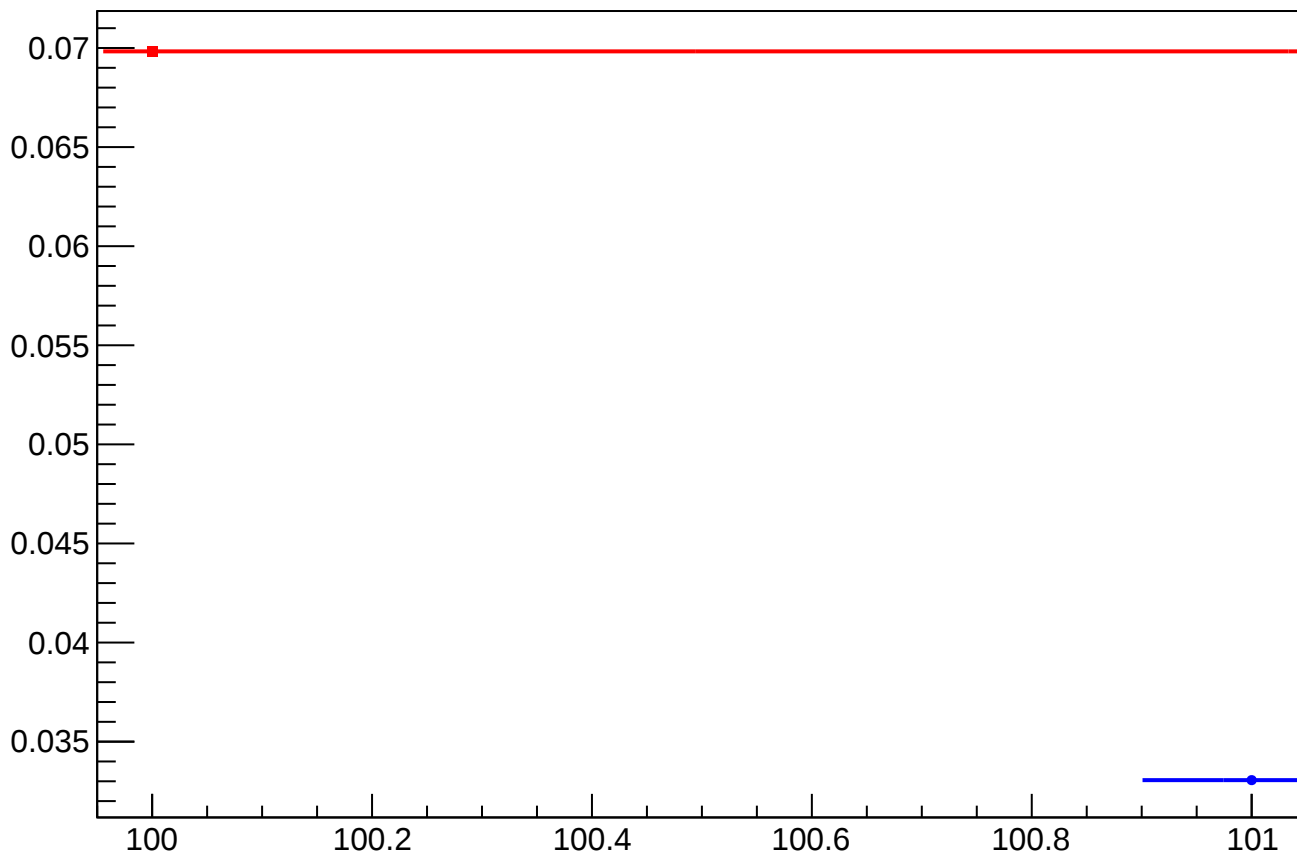
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.042+/-0.000 χ^2 /NDF: 0.0/0

-1.043+/-0.000 χ^2 /NDF: 7612.3/1

-1.065+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.033+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.070+/-0.000 χ^2/NDF : 0.0/0

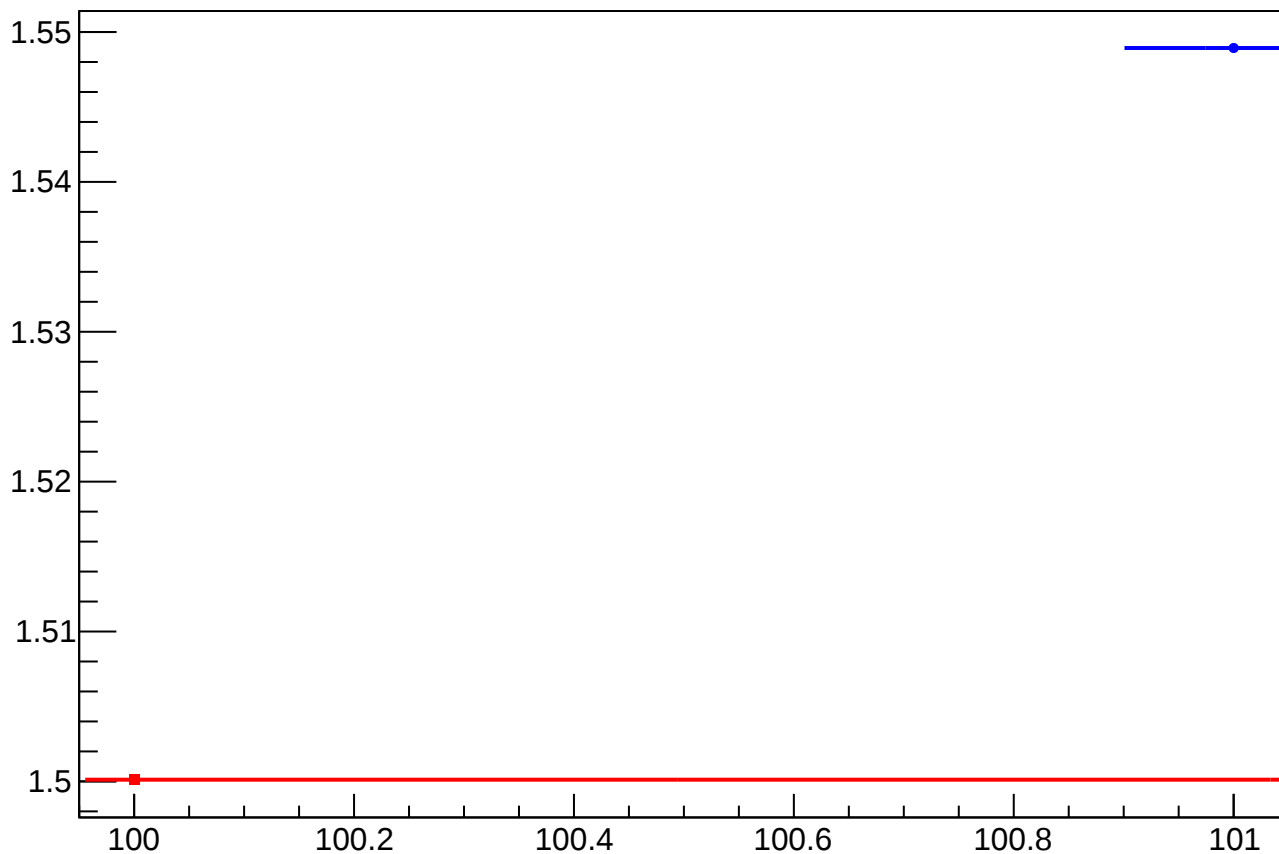
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.033+/-0.000 χ^2/NDF : 0.0/0

0.034+/-0.000 χ^2/NDF : 37600.8/1

0.070+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 1.549 +/- 0.000 χ^2/NDF : 0.0/0

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

Right Out: 1.500 +/- 0.000 χ^2/NDF : 0.0/0

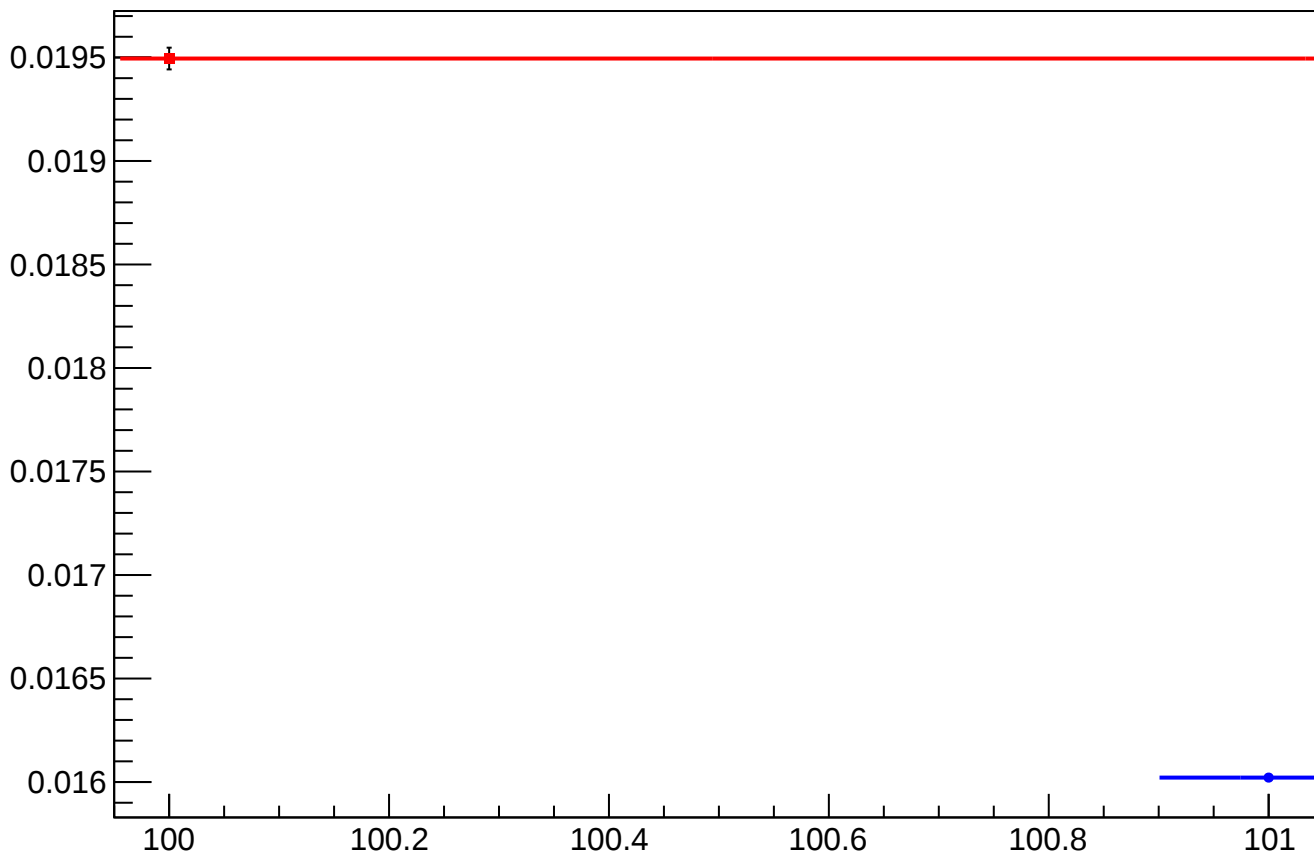
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

1.549 +/- 0.000 χ^2/NDF : 0.0/0

1.545 +/- 0.000 χ^2/NDF : 397945.7/1

1.500 +/- 0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.019+/-0.000 χ^2/NDF : 0.0/0

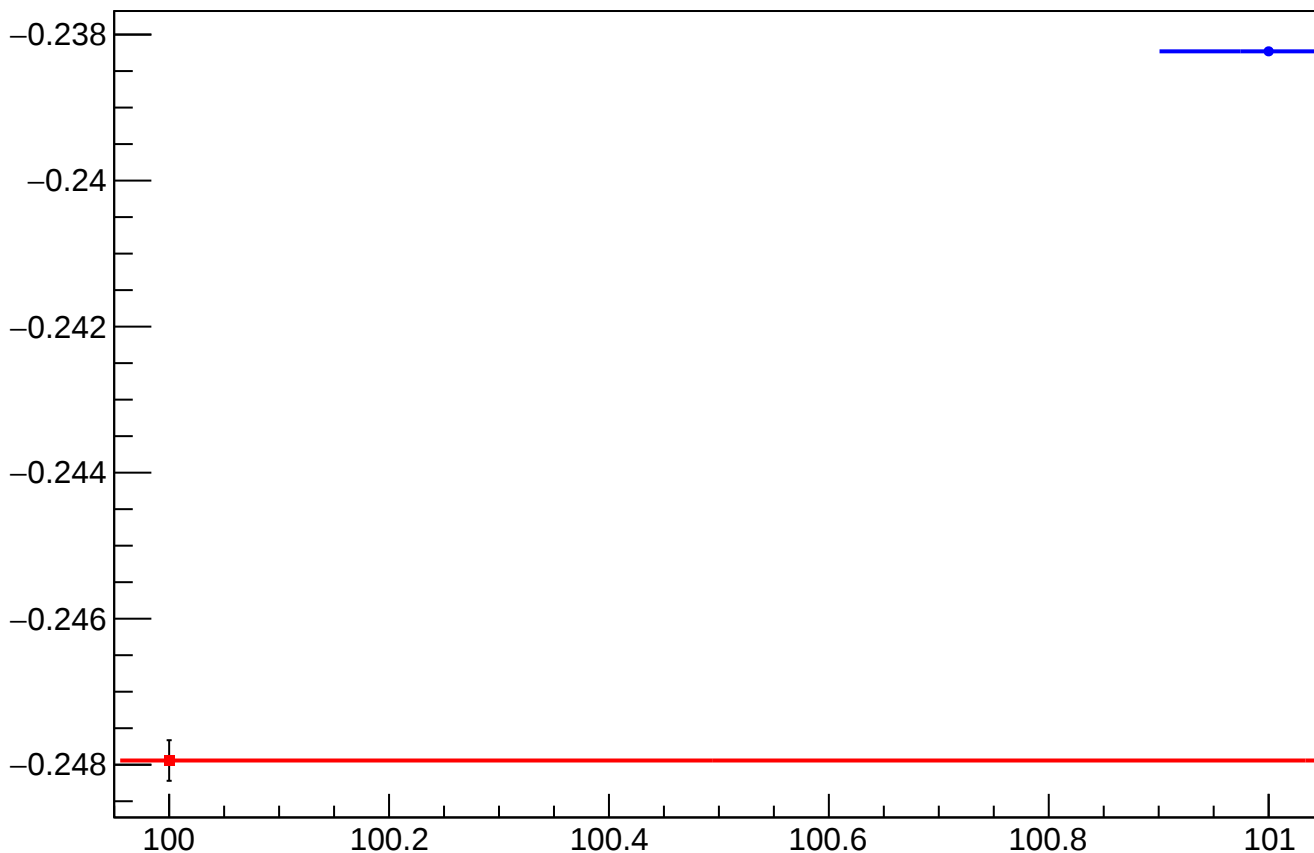
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 4028.7/1

0.019+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.238+/-0.000 χ^2 /NDF: 0.0/0

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

Right Out: -0.248+/-0.000 χ^2 /NDF: 0.0/0

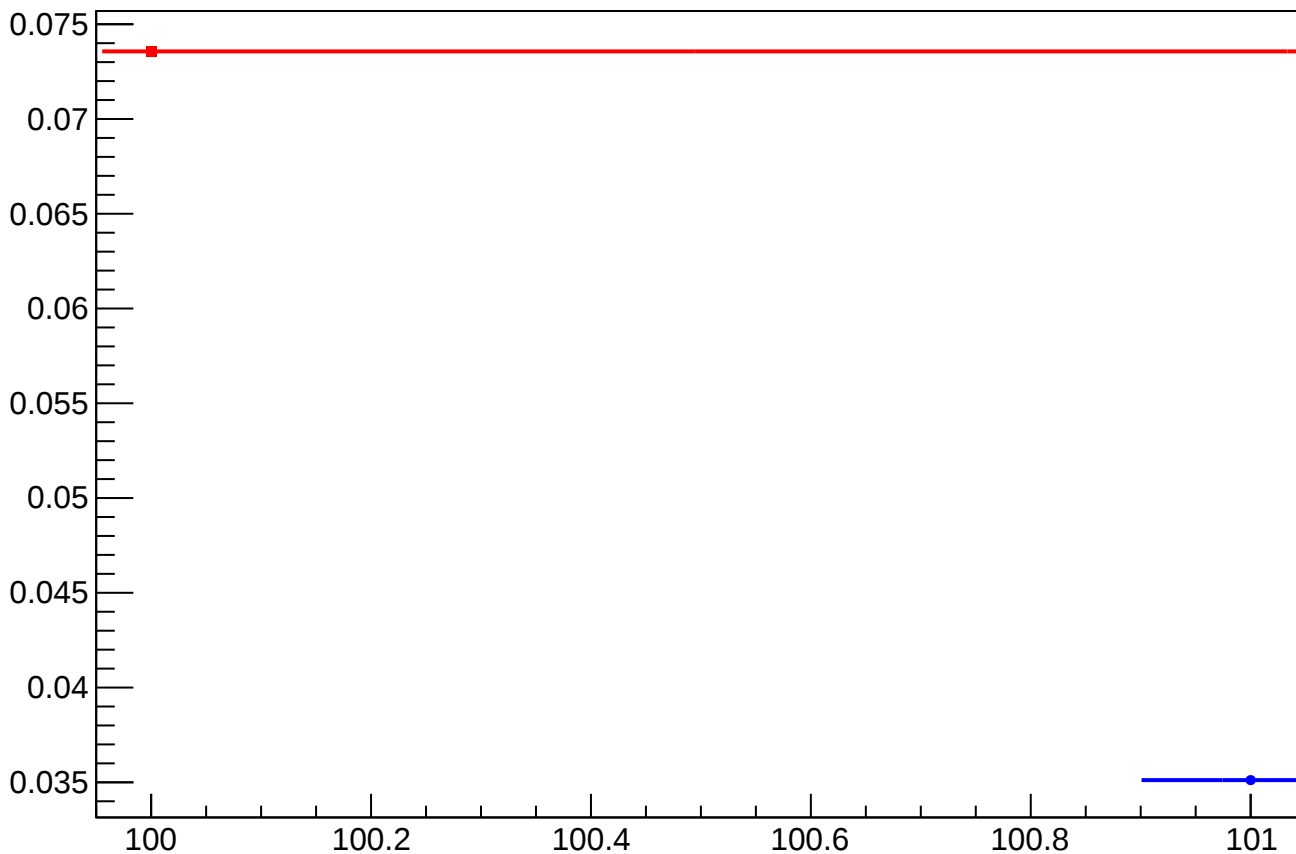
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-0.238+/-0.000 χ^2 /NDF: 0.0/0

-0.239+/-0.000 χ^2 /NDF: 1181.8/1

-0.248+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.035+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.074+/-0.000 χ^2/NDF : 0.0/0

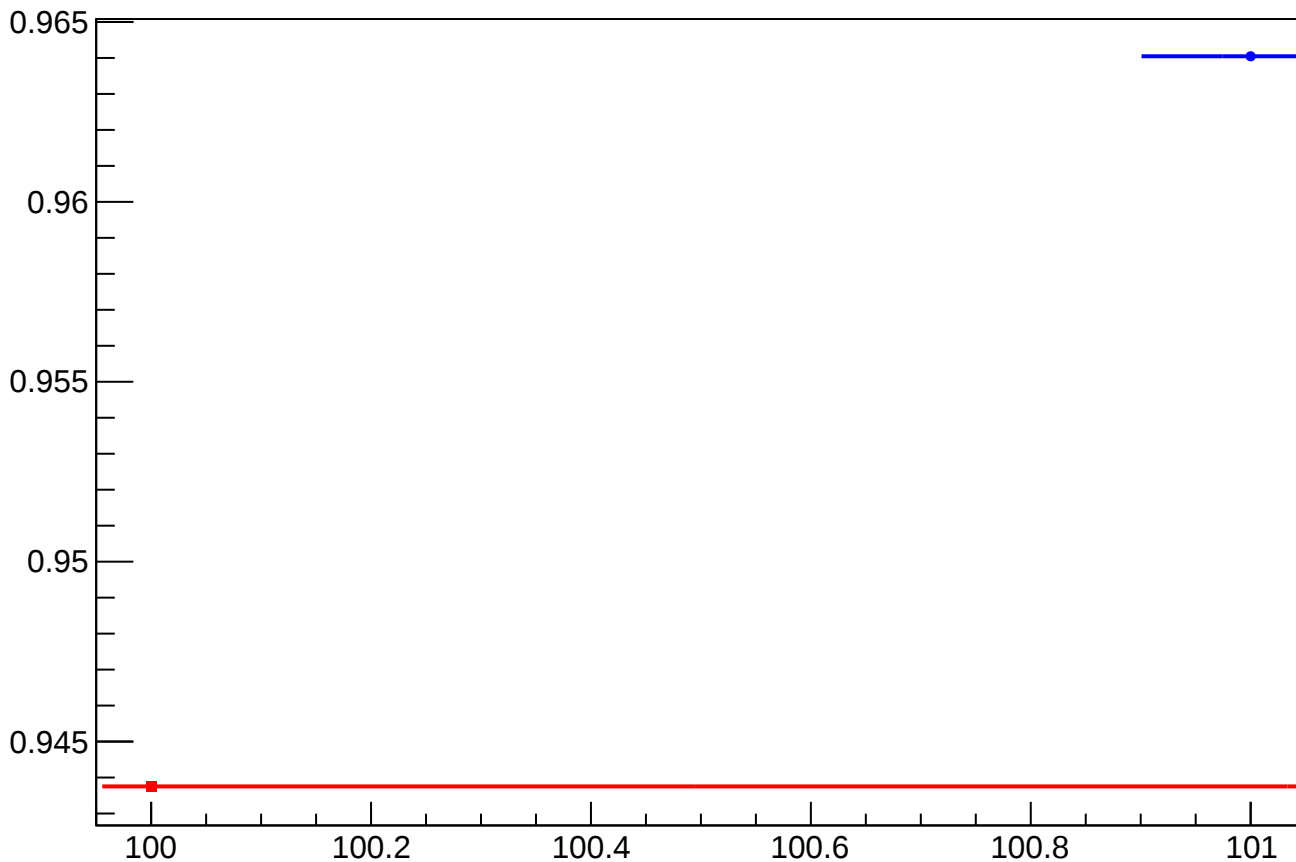
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.035+/-0.000 χ^2/NDF : 0.0/0

0.036+/-0.000 χ^2/NDF : 37044.9/1

0.074+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.964 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 0.944 $\pm$ 0.000 χ^2 /NDF: 0.0/0

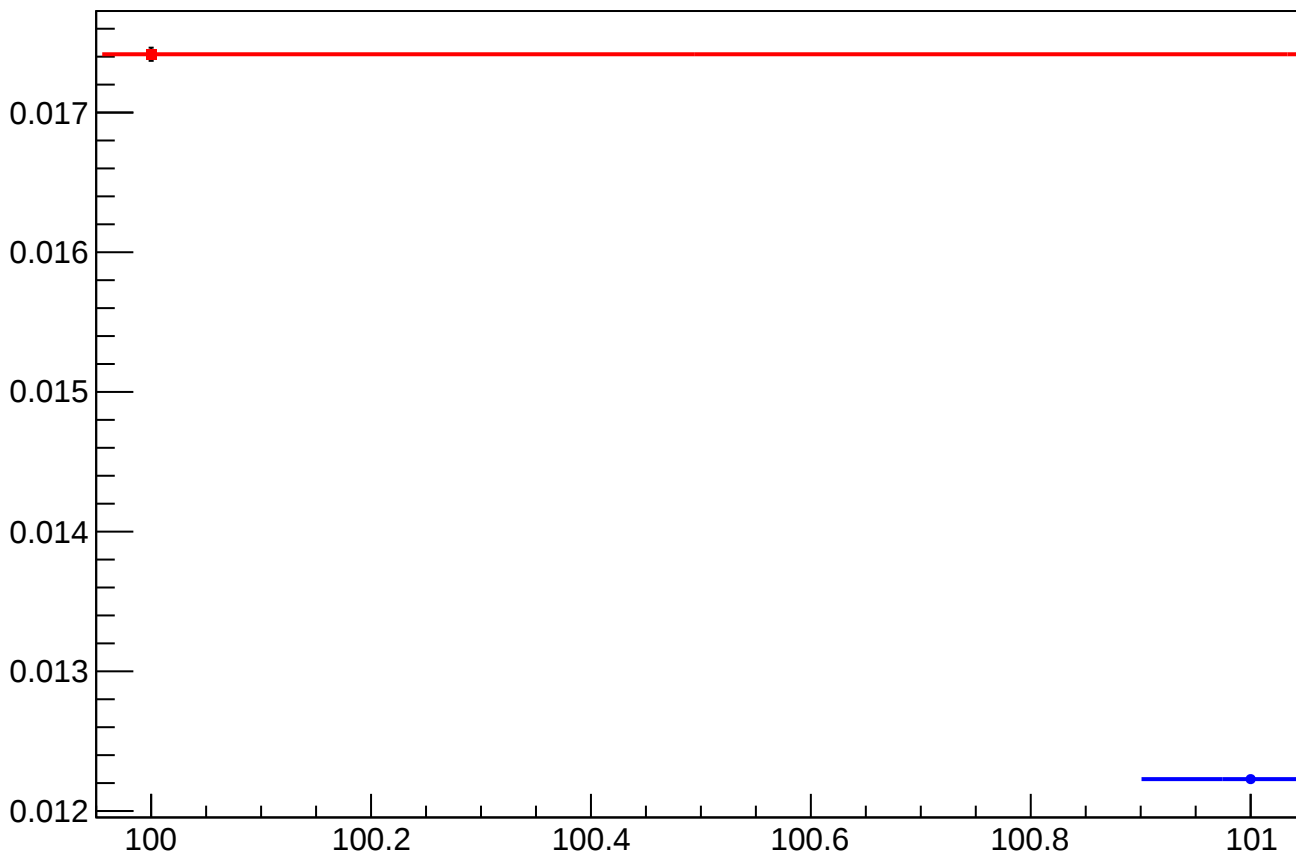
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.964 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.963 $\pm$ 0.000 χ^2 /NDF: 86984.4/1

0.944 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.017+/-0.000 χ^2/NDF : 0.0/0

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

0.012+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 11374.7/1

0.017+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.358+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.939+/-0.000 χ^2/NDF : 0.0/0

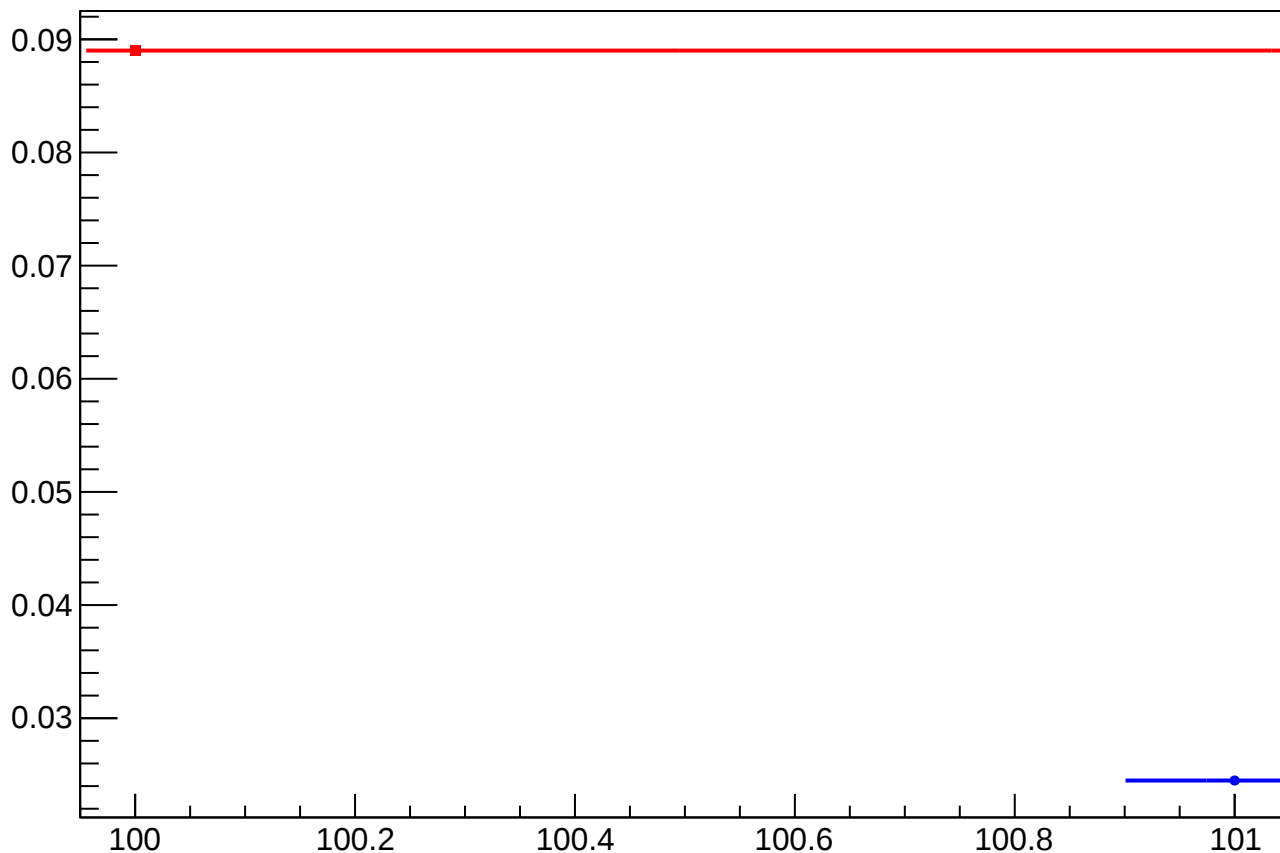
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.358+/-0.000 χ^2/NDF : 0.0/0

0.363+/-0.000 χ^2/NDF : 2572434.9/1

0.939+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.024+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.089+/-0.000 χ^2/NDF : 0.0/0

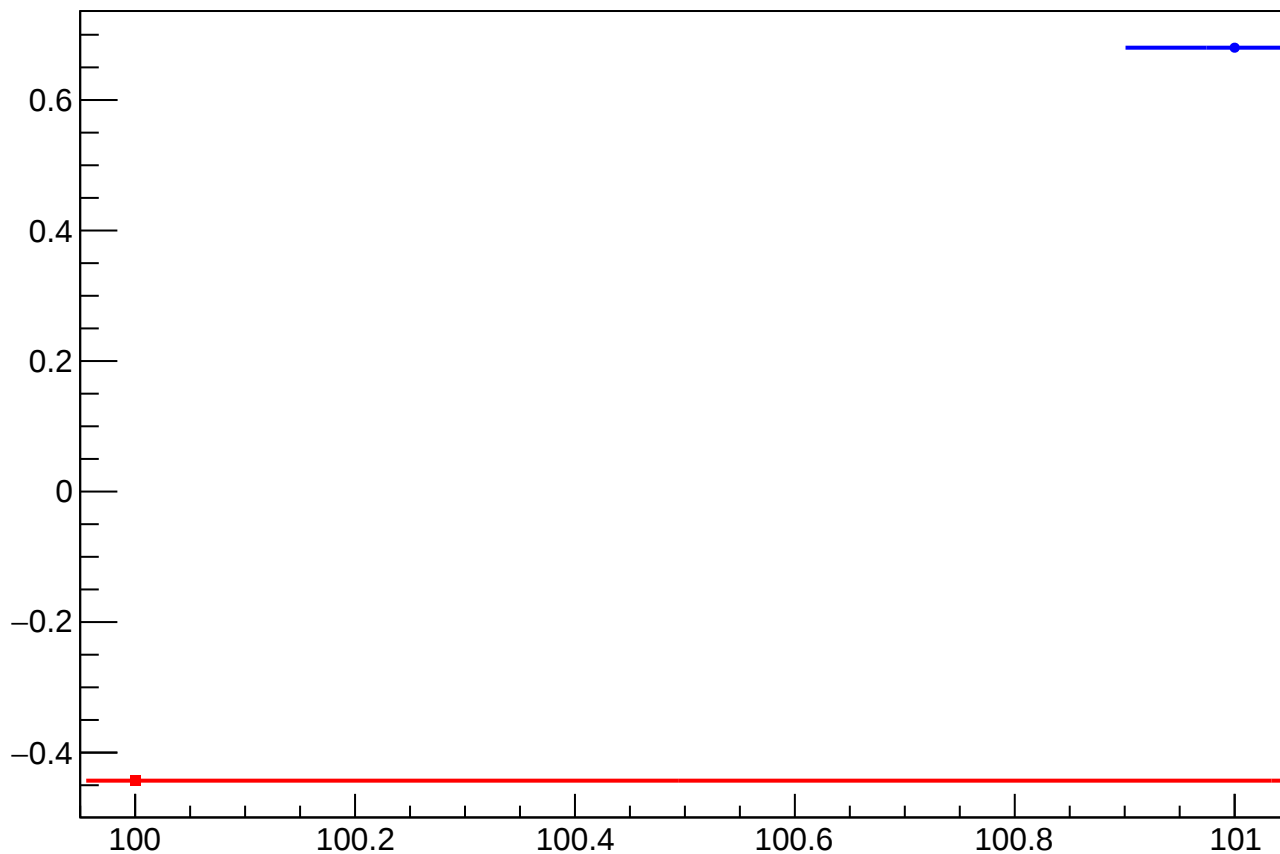
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.024+/-0.000 χ^2/NDF : 0.0/0

0.025+/-0.000 χ^2/NDF : 63296.8/1

0.089+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.680+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -0.443+/-0.000 χ^2/NDF : 0.0/0

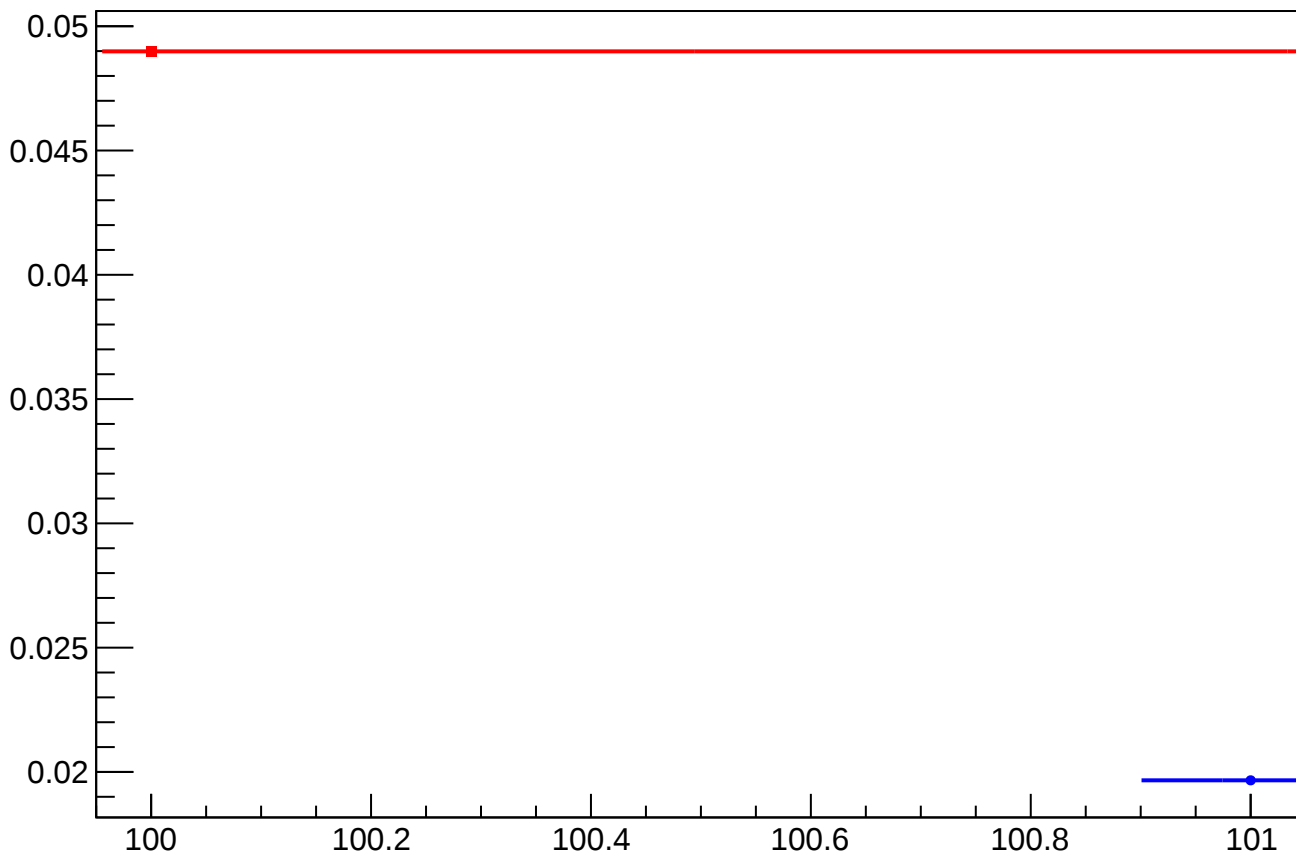
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.680+/-0.000 χ^2/NDF : 0.0/0

0.662+/-0.000 χ^2/NDF : 28140848.7/1

-0.443+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 0.049 $\pm$ 0.000 χ^2 /NDF: 0.0/0

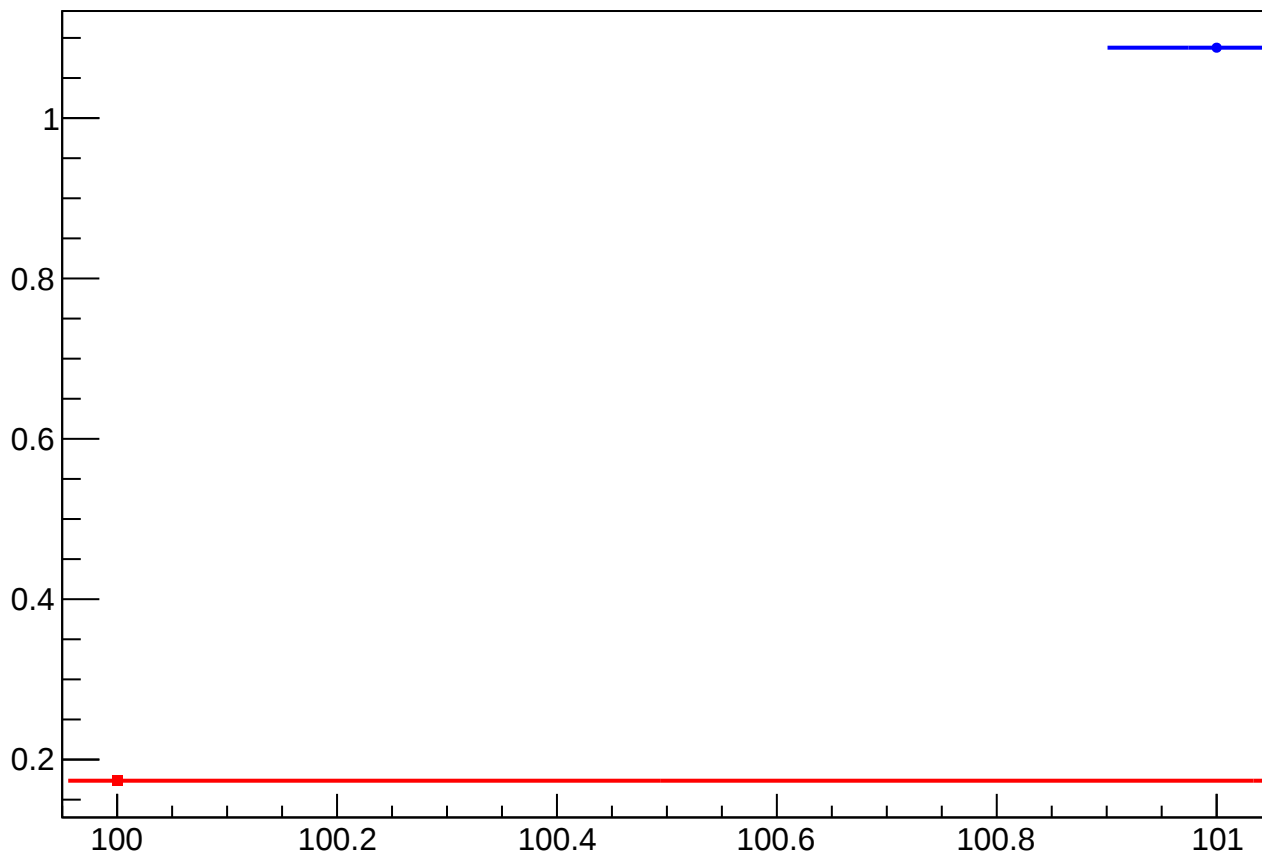
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.020 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.020 $\pm$ 0.000 χ^2 /NDF: 38369.2/1

0.049 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 1.088+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.174+/-0.000 χ^2/NDF : 0.0/0

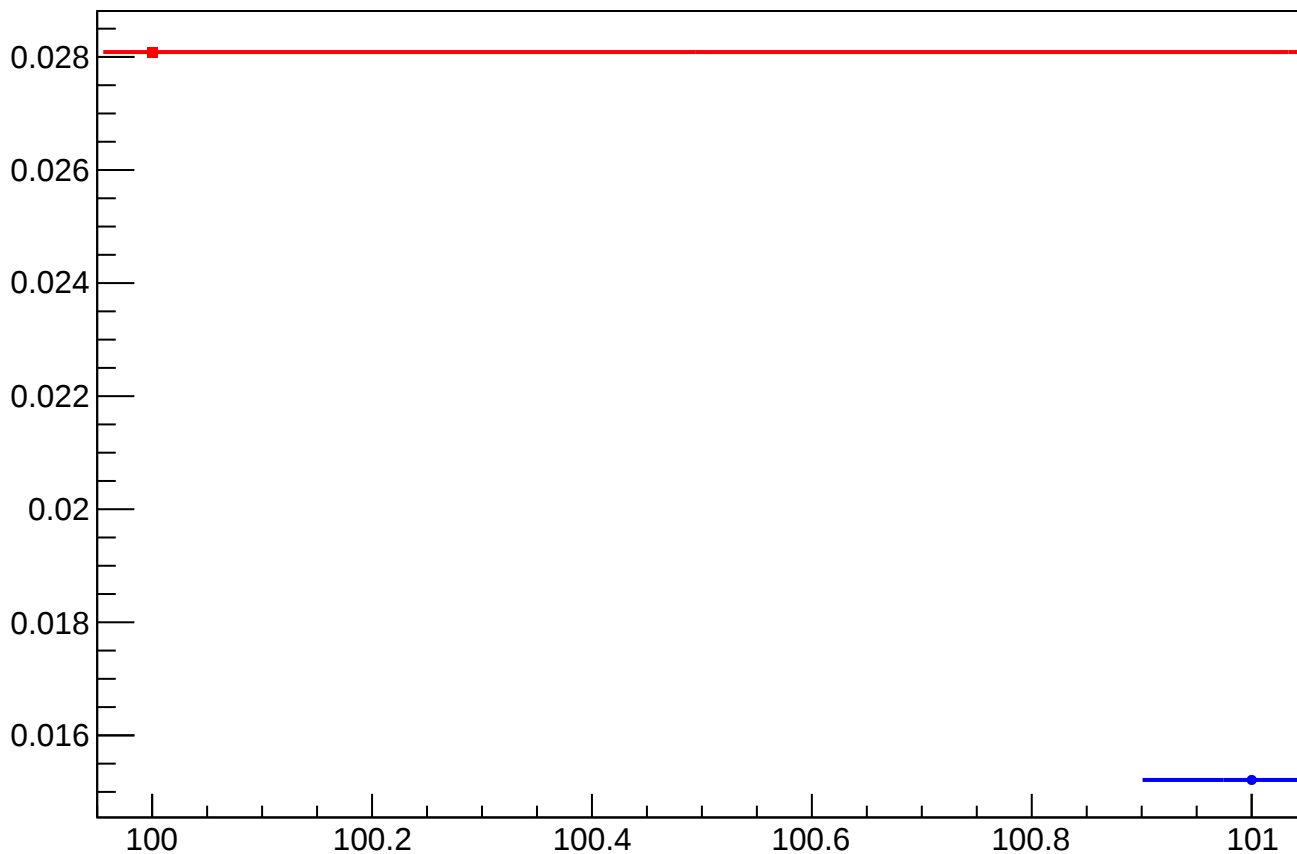
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.088+/-0.000 χ^2/NDF : 0.0/0

1.055+/-0.000 χ^2/NDF : 67506475.8/1

0.174+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.028+/-0.000 χ^2/NDF : 0.0/0

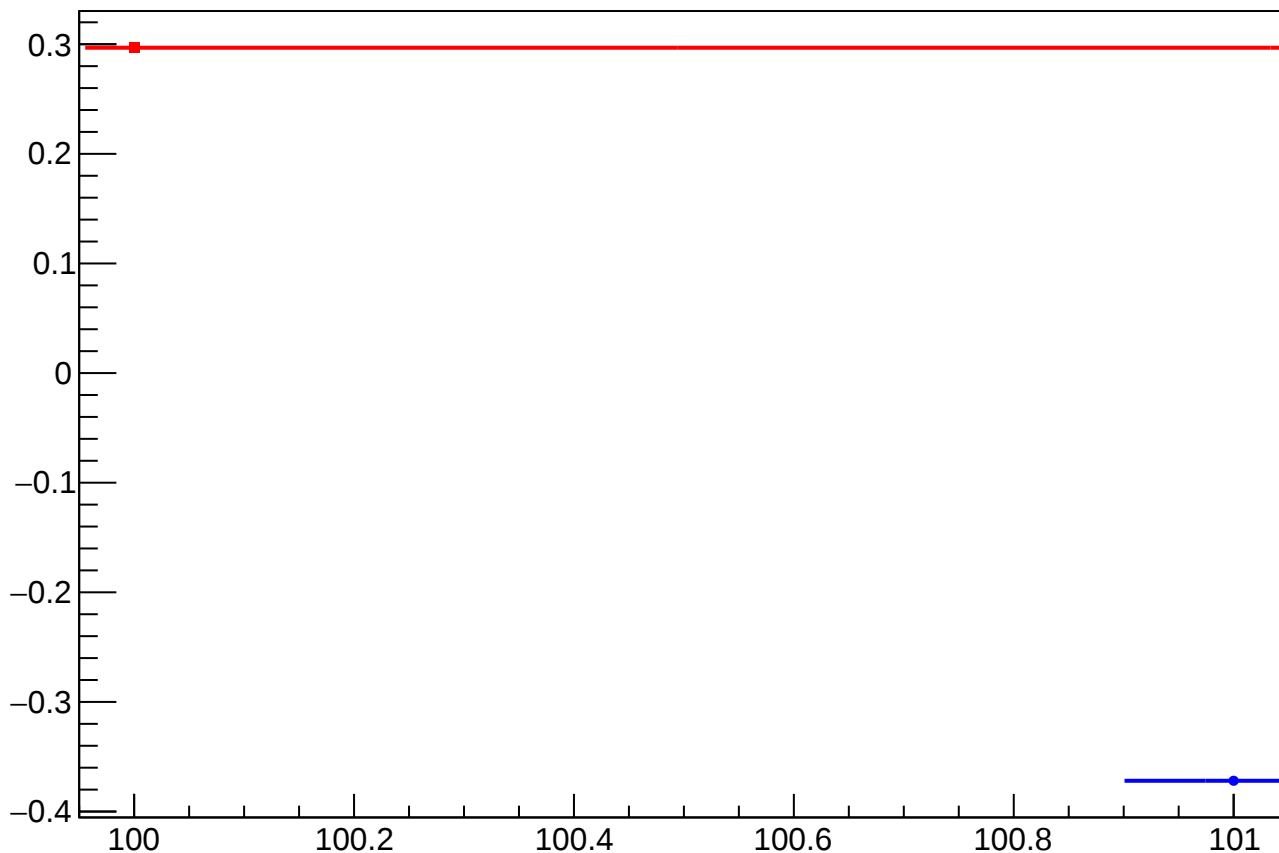
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 0.0/0

0.016+/-0.000 χ^2/NDF : 26780.3/1

0.028+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: -0.372+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.297+/-0.000 χ^2/NDF : 0.0/0

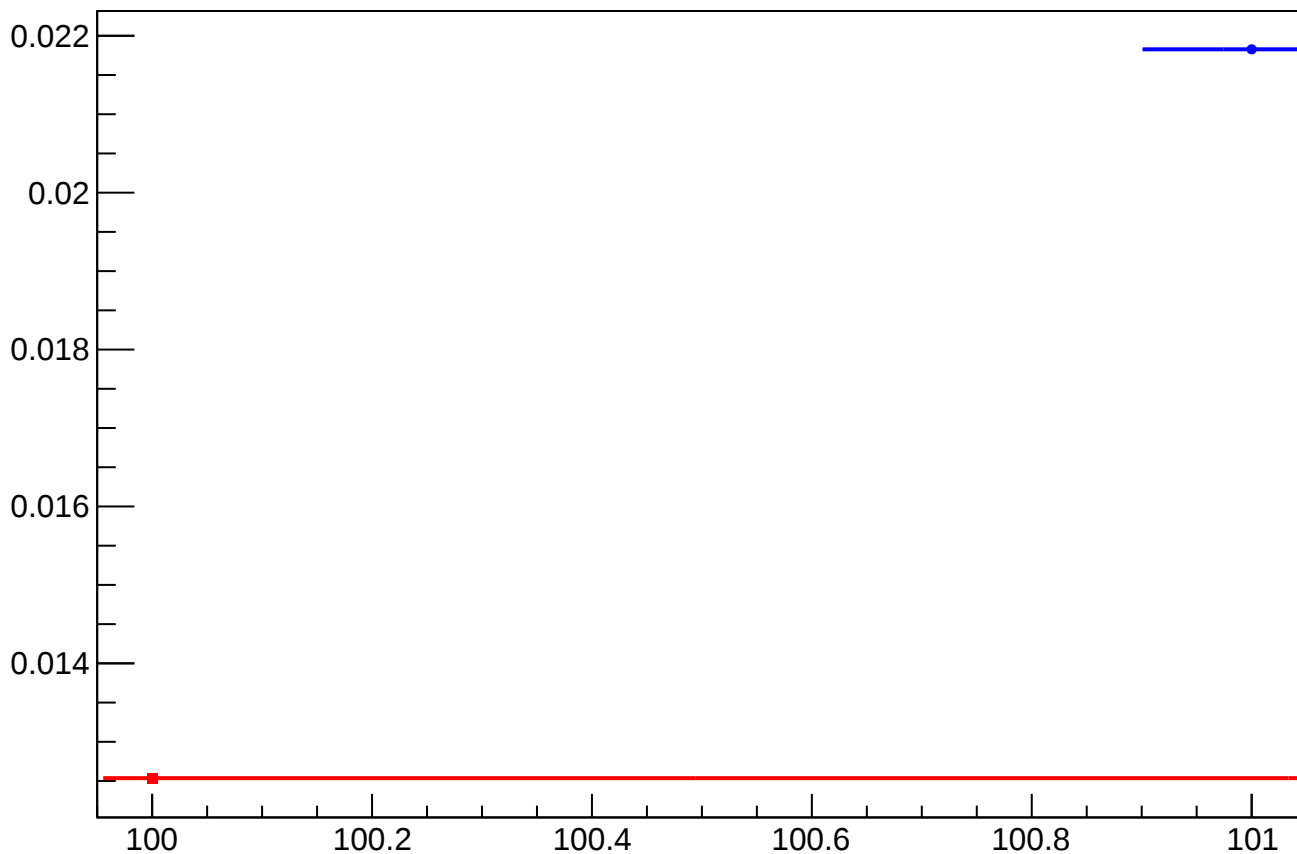
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.372+/-0.000 χ^2/NDF : 0.0/0

-0.185+/-0.000 χ^2/NDF : 140991317.5/1

0.297+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.022+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

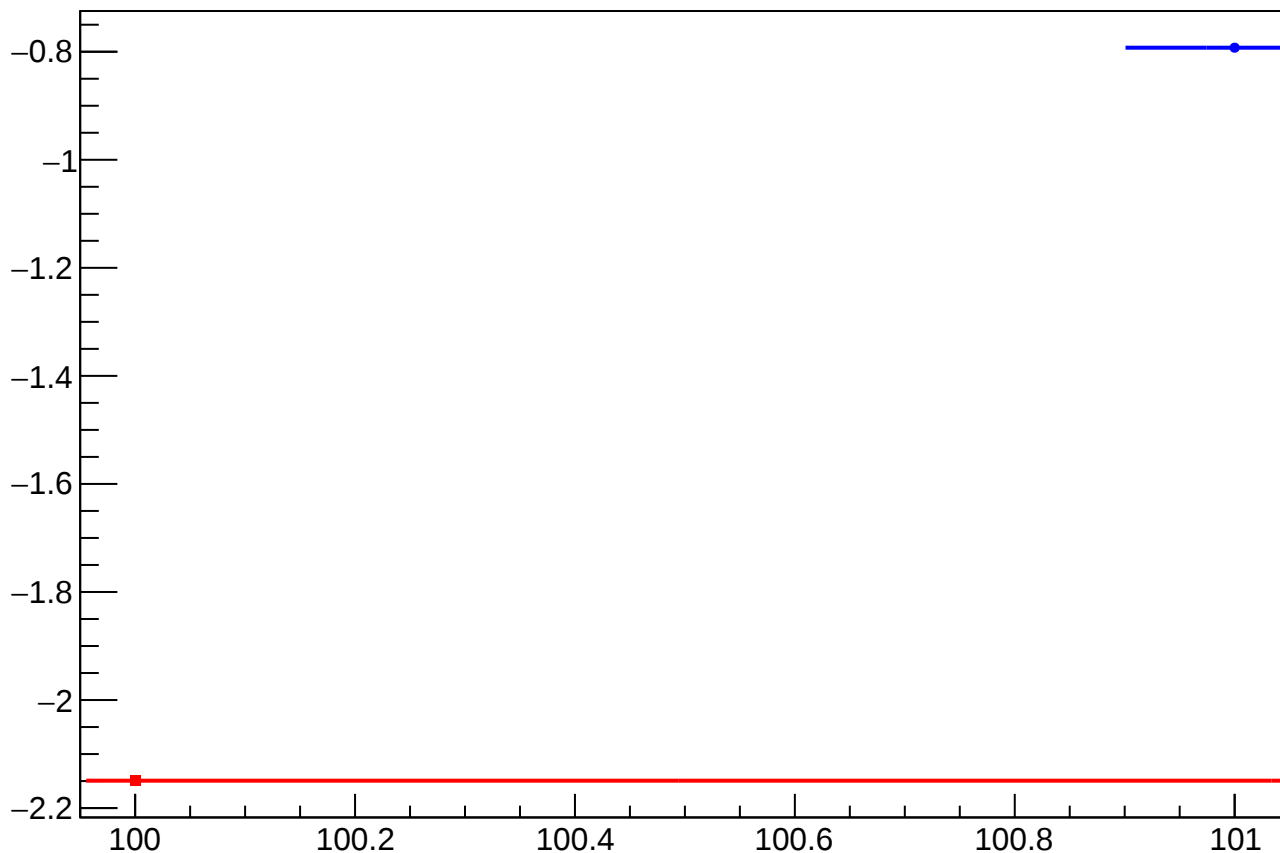
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.022+/-0.000 χ^2/NDF : 0.0/0

0.019+/-0.000 χ^2/NDF : 54428.3/1

0.013+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.793+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -2.149+/-0.000 χ^2/NDF : 0.0/0

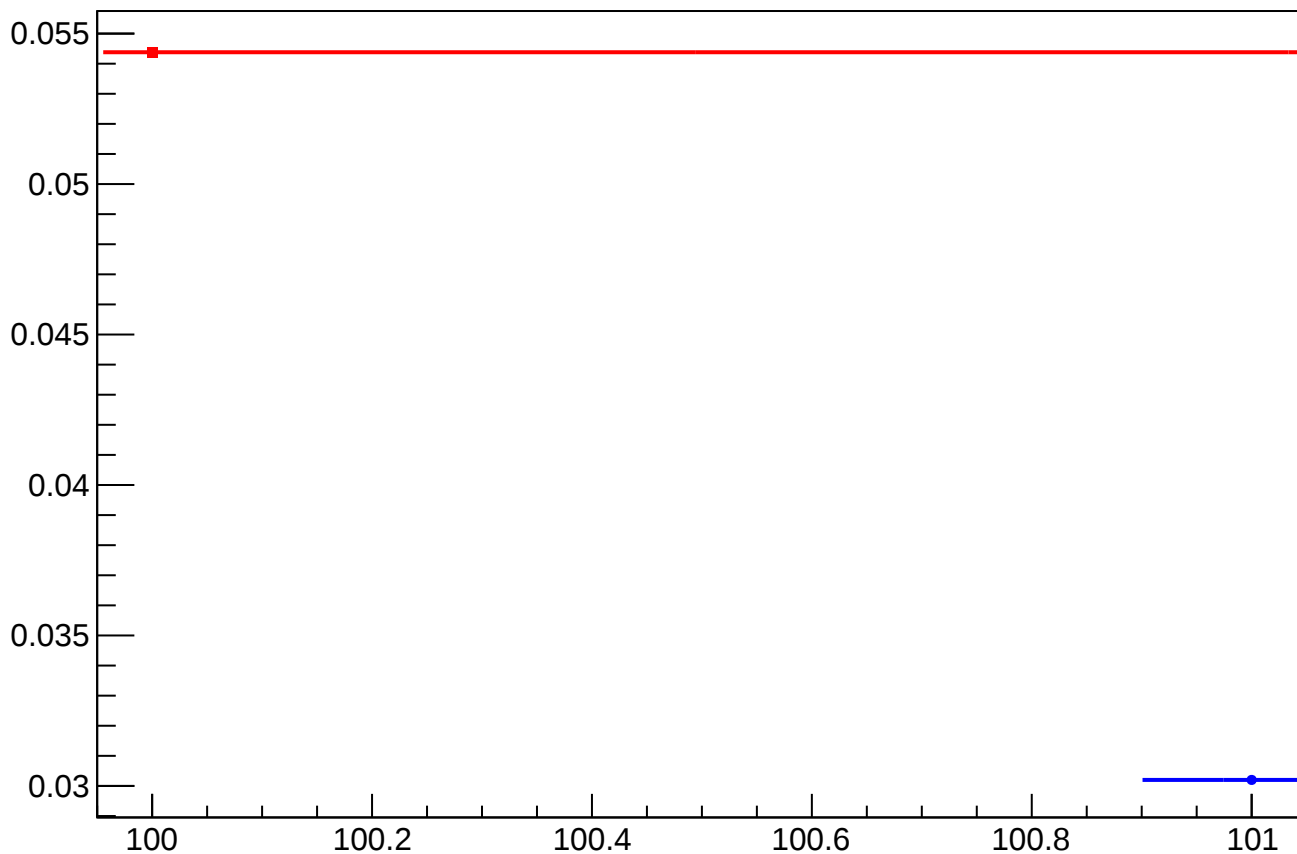
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.793+/-0.000 χ^2/NDF : 0.0/0

-0.841+/-0.000 χ^2/NDF : 38520062.9/1

-2.149+/-0.000 χ^2/NDF : 0.0/0

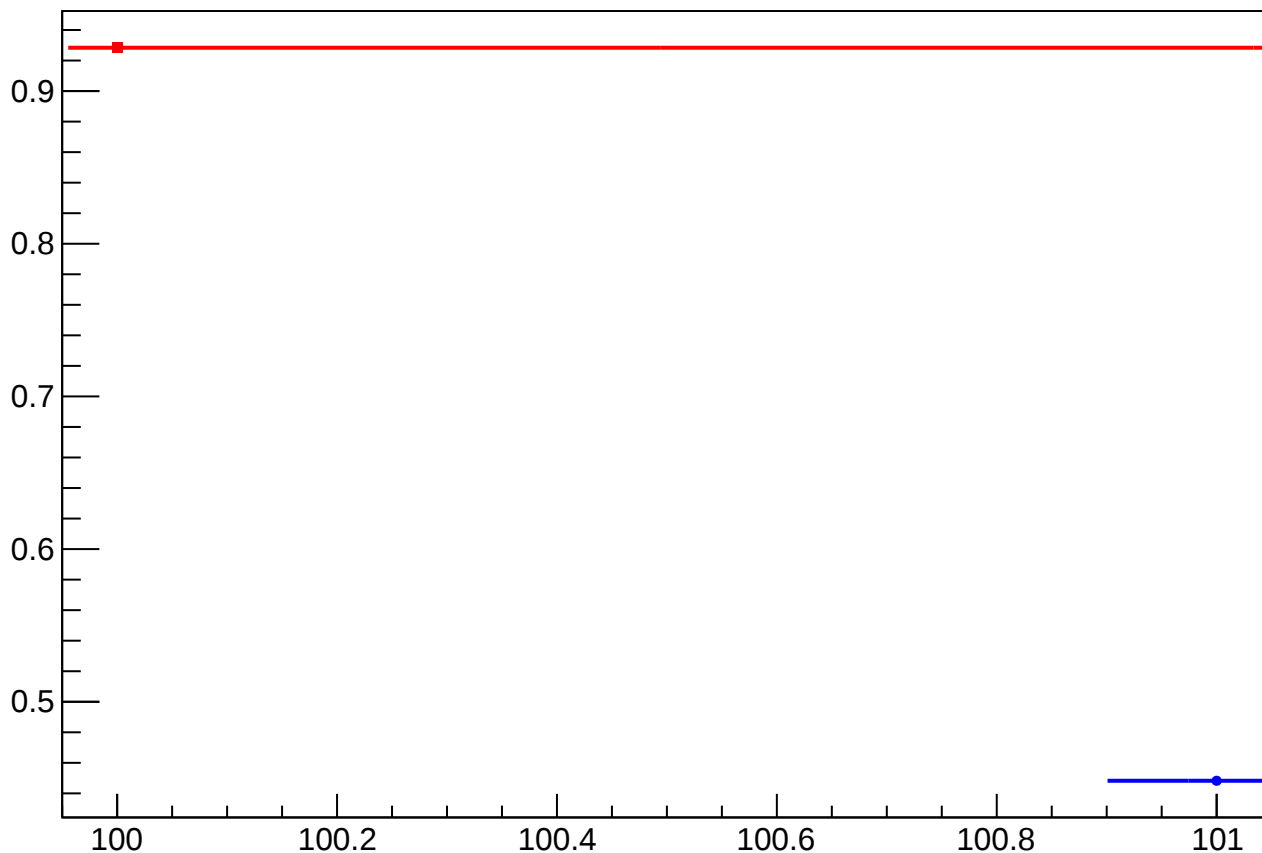
yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.054+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.030+/-0.000 χ^2/NDF : 0.0/0
0.031+/-0.000 χ^2/NDF : 24470.6/1
0.054+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.448 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

Right Out: 0.928 $\pm$ 0.000 χ^2 /NDF: 0.0/0

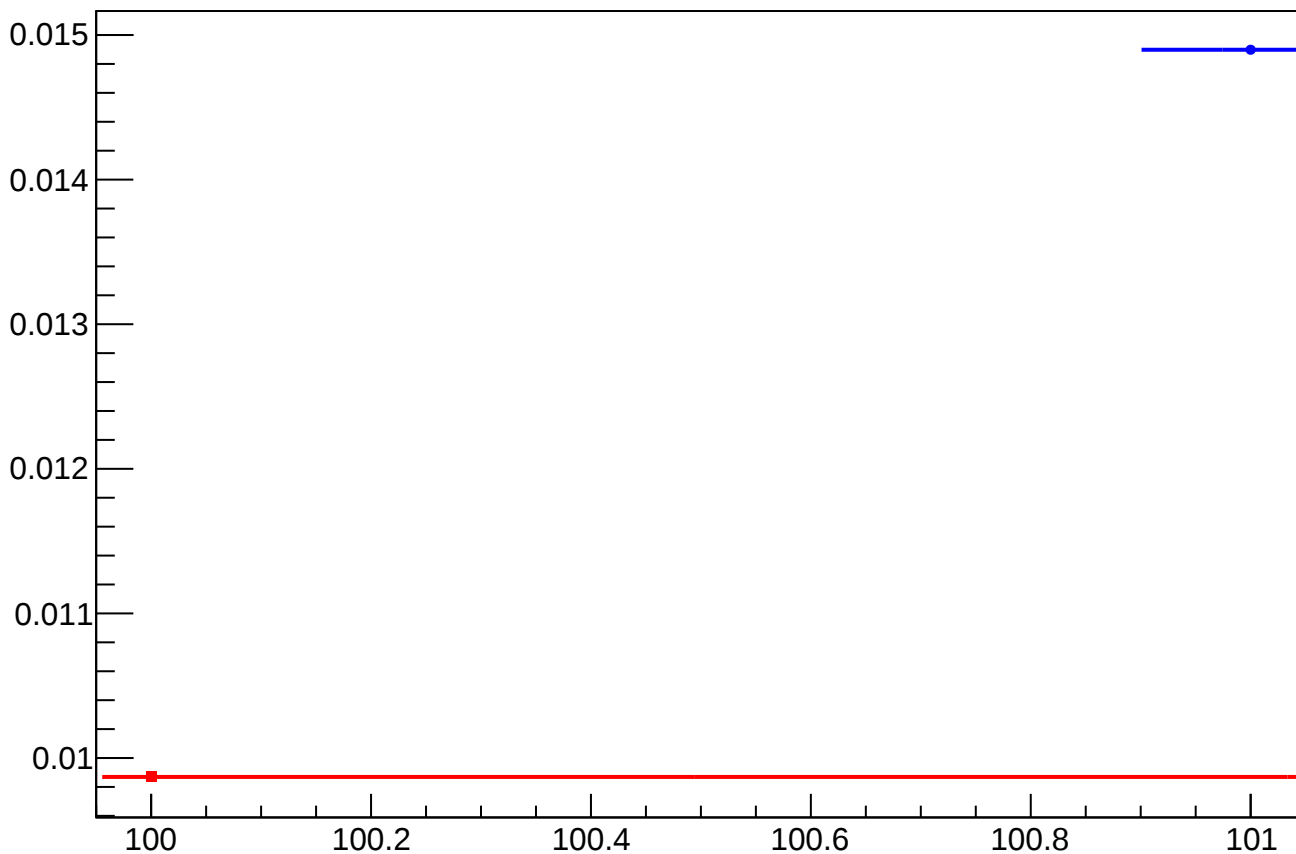
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.448 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.556 $\pm$ 0.000 χ^2 /NDF: 125622124.9/1

0.928 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

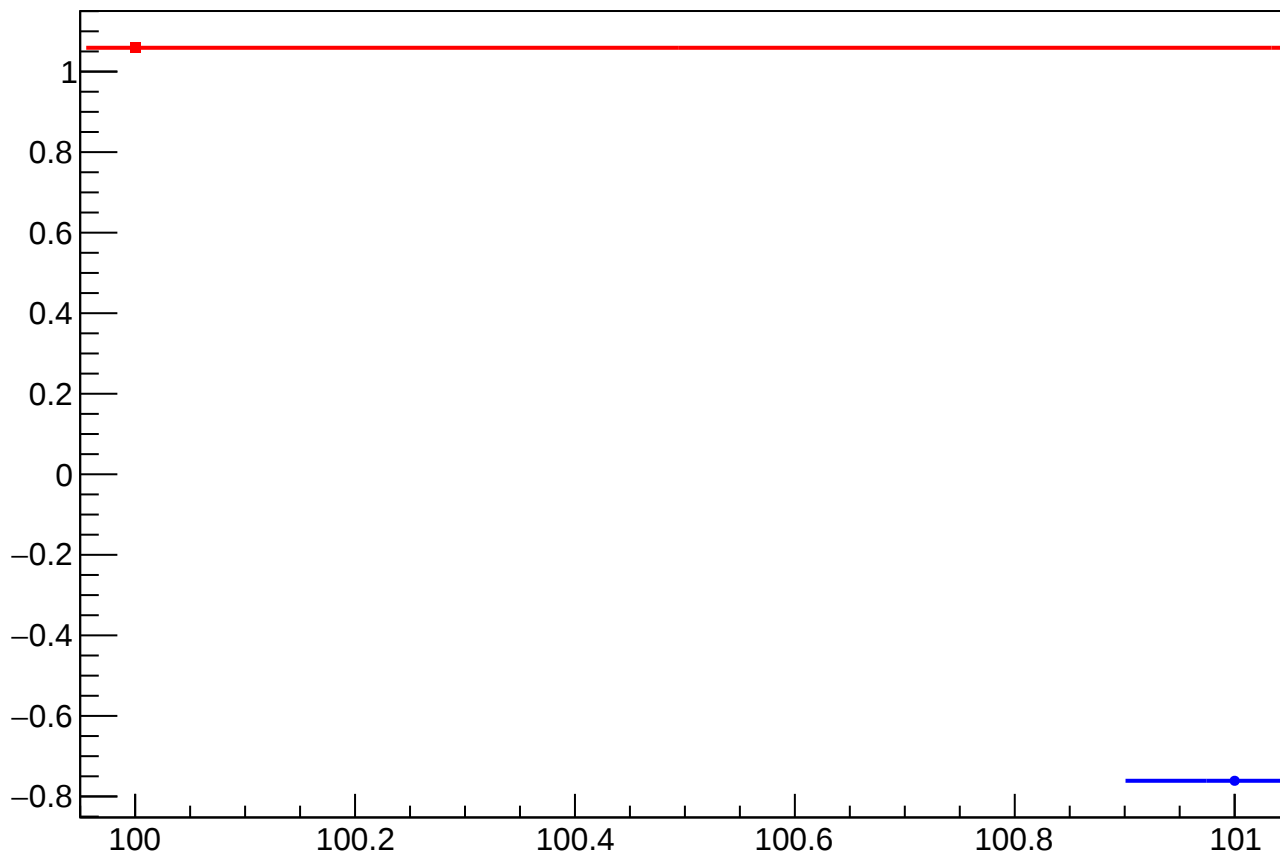
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 27564.4/1

0.010+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.761+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 1.059+/-0.000 χ^2/NDF : 0.0/0

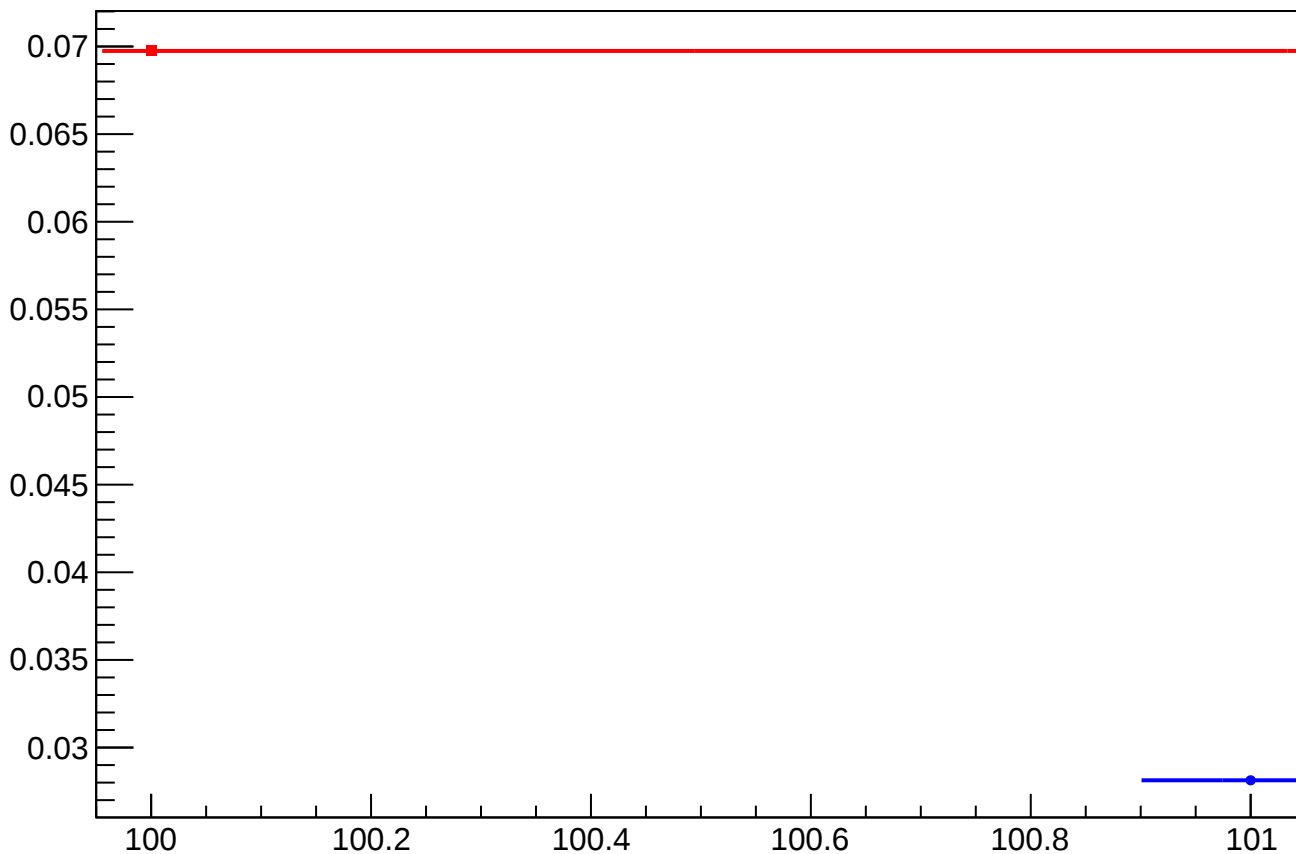
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.761+/-0.000 χ^2/NDF : 0.0/0

-0.719+/-0.000 χ^2/NDF : 46268881.2/1

1.059+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.028+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.070+/-0.000 χ^2/NDF : 0.0/0

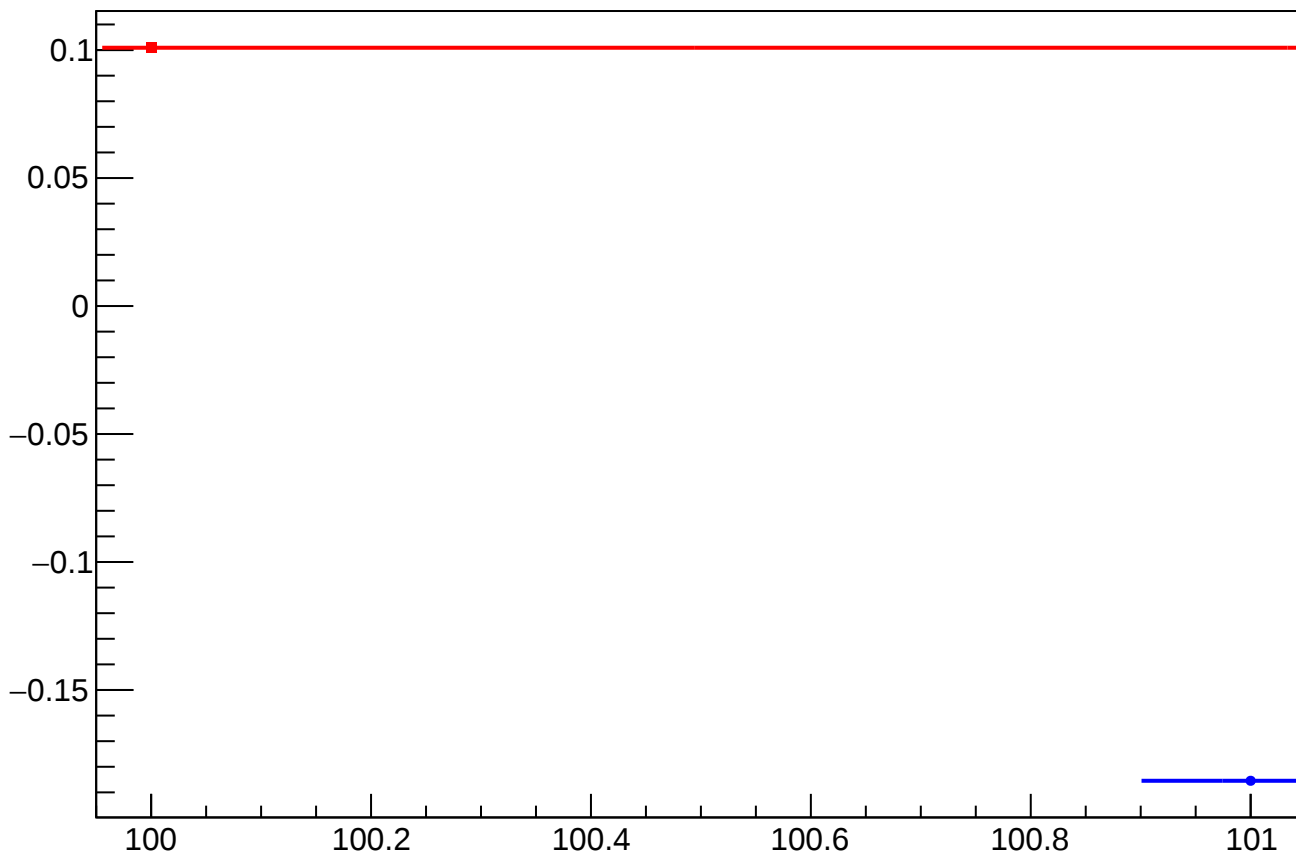
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.028+/-0.000 χ^2/NDF : 0.0/0

0.029+/-0.000 χ^2/NDF : 48365.9/1

0.070+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.185+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.101+/-0.000 χ^2/NDF : 0.0/0

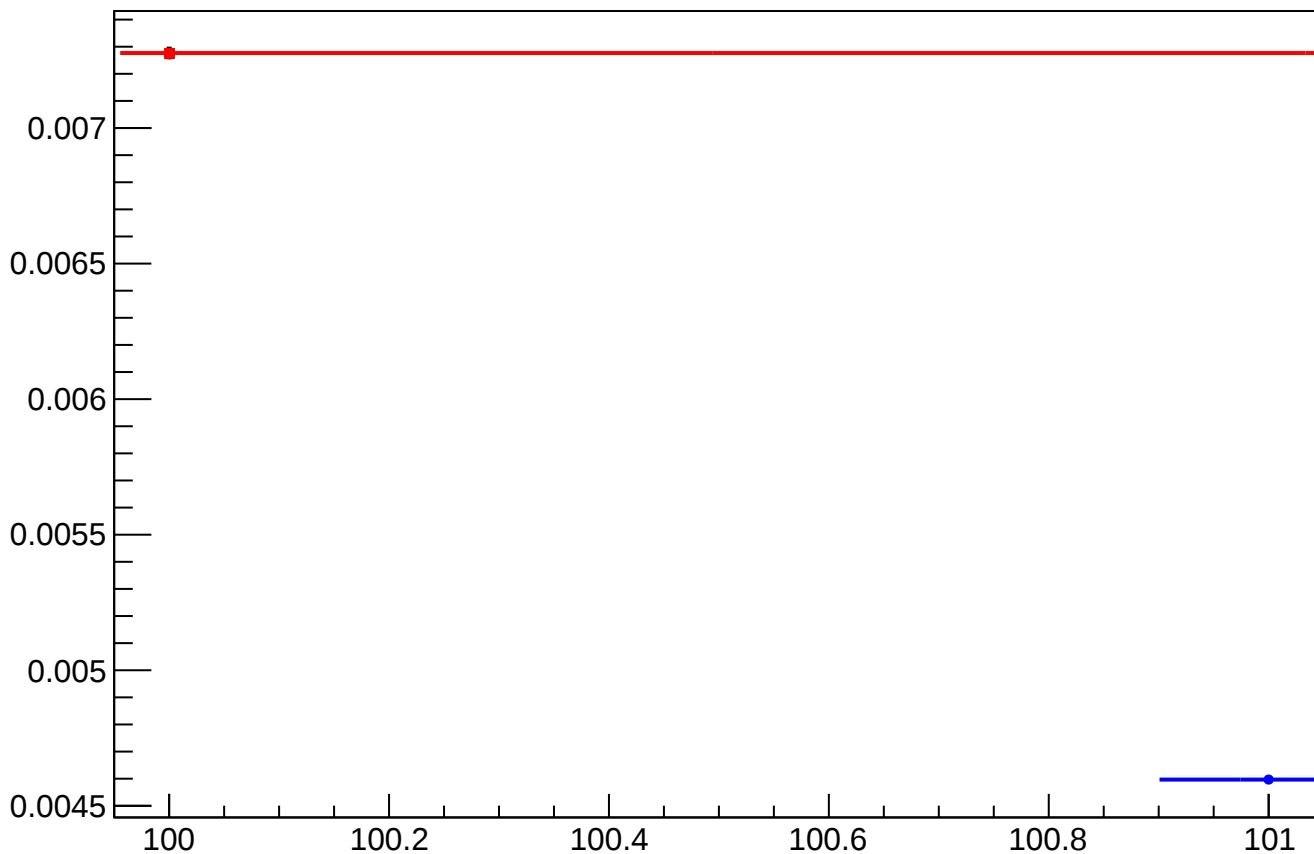
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.185+/-0.000 χ^2/NDF : 0.0/0

-0.171+/-0.000 χ^2/NDF : 99956943.9/1

0.101+/-0.000 χ^2/NDF : 0.0/0

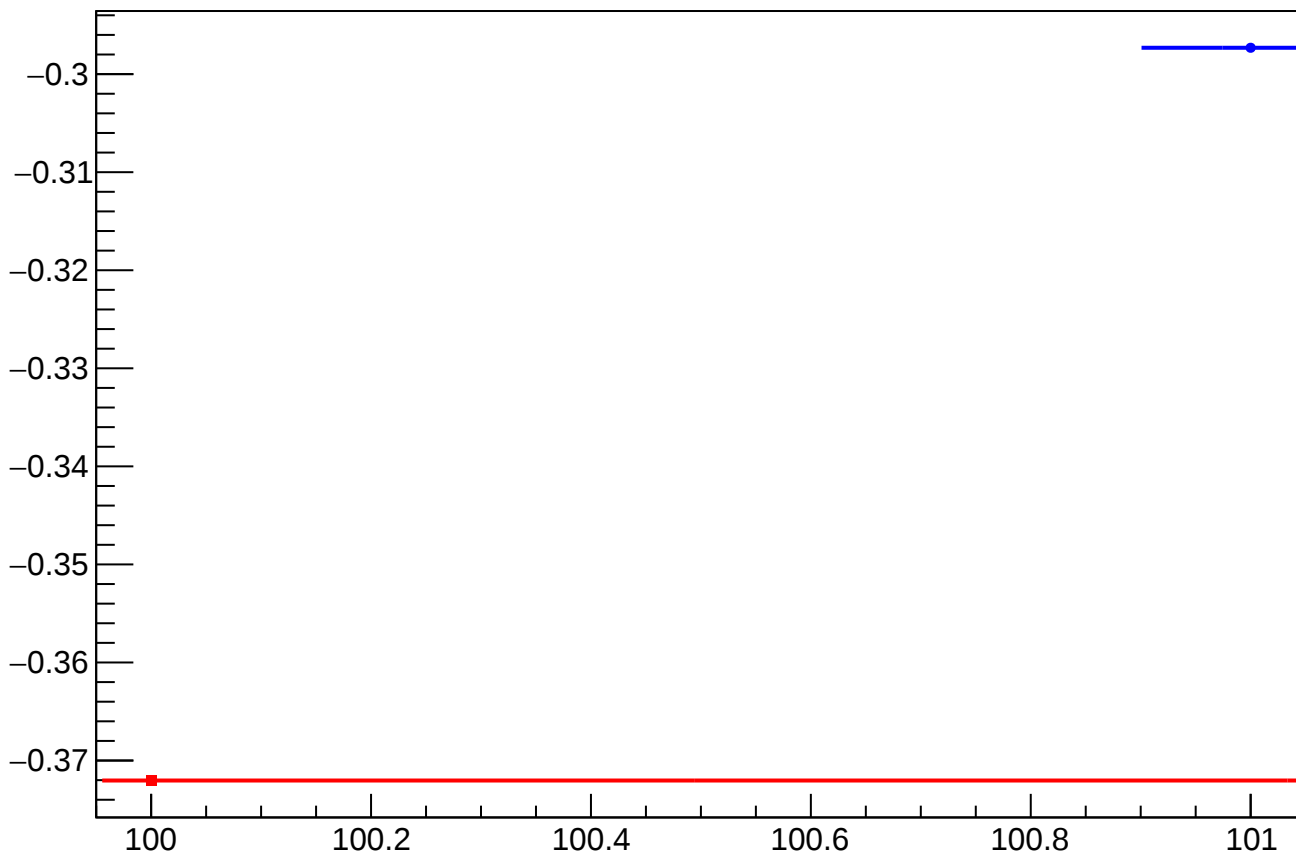
yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 0.007+/-0.000 χ^2/NDF : 0.0/0
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 0.0/0
0.005+/-0.000 χ^2/NDF : 17507.2/1
0.007+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.297+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -0.372+/-0.000 χ^2/NDF : 0.0/0

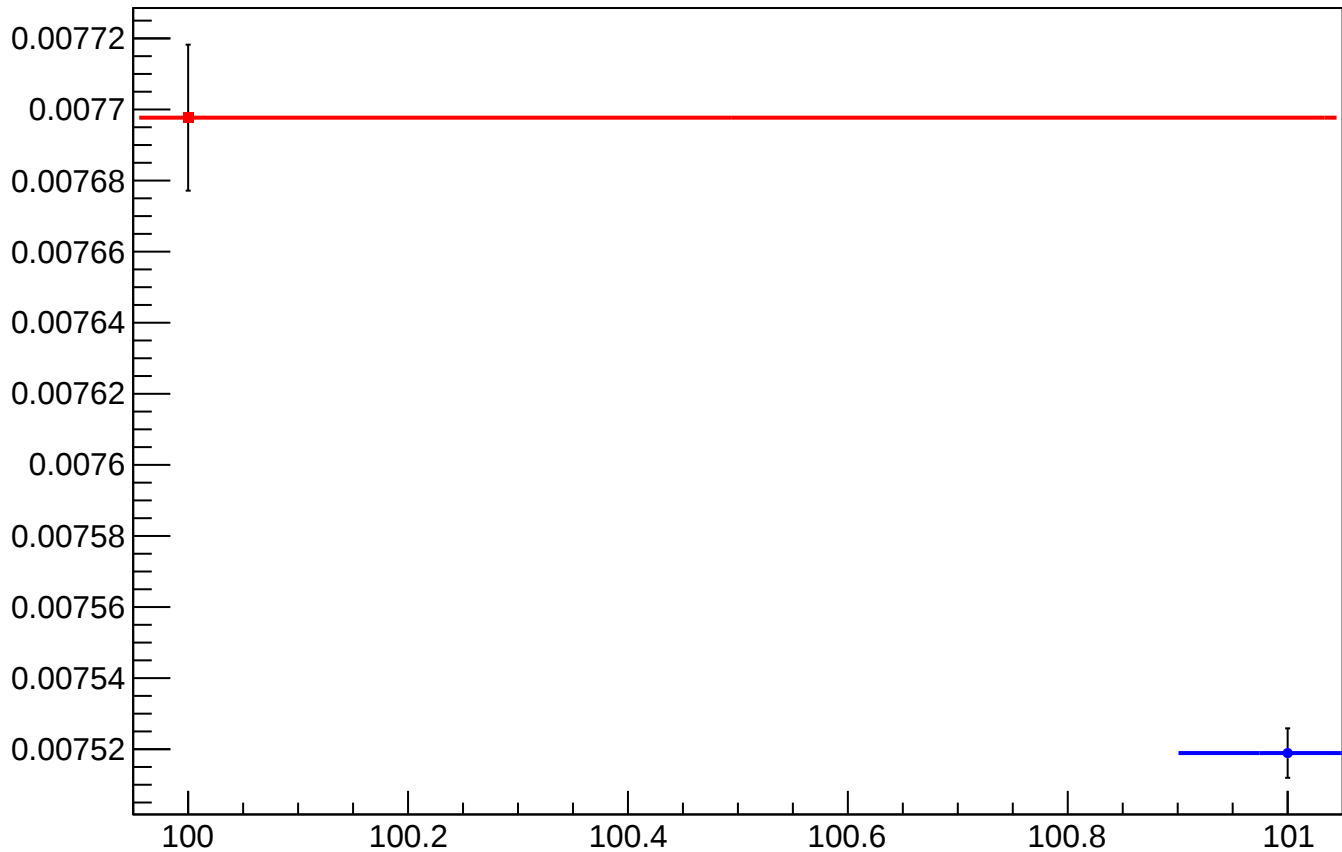
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.297+/-0.000 χ^2/NDF : 0.0/0

-0.305+/-0.000 χ^2/NDF : 5937737.6/1

-0.372+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

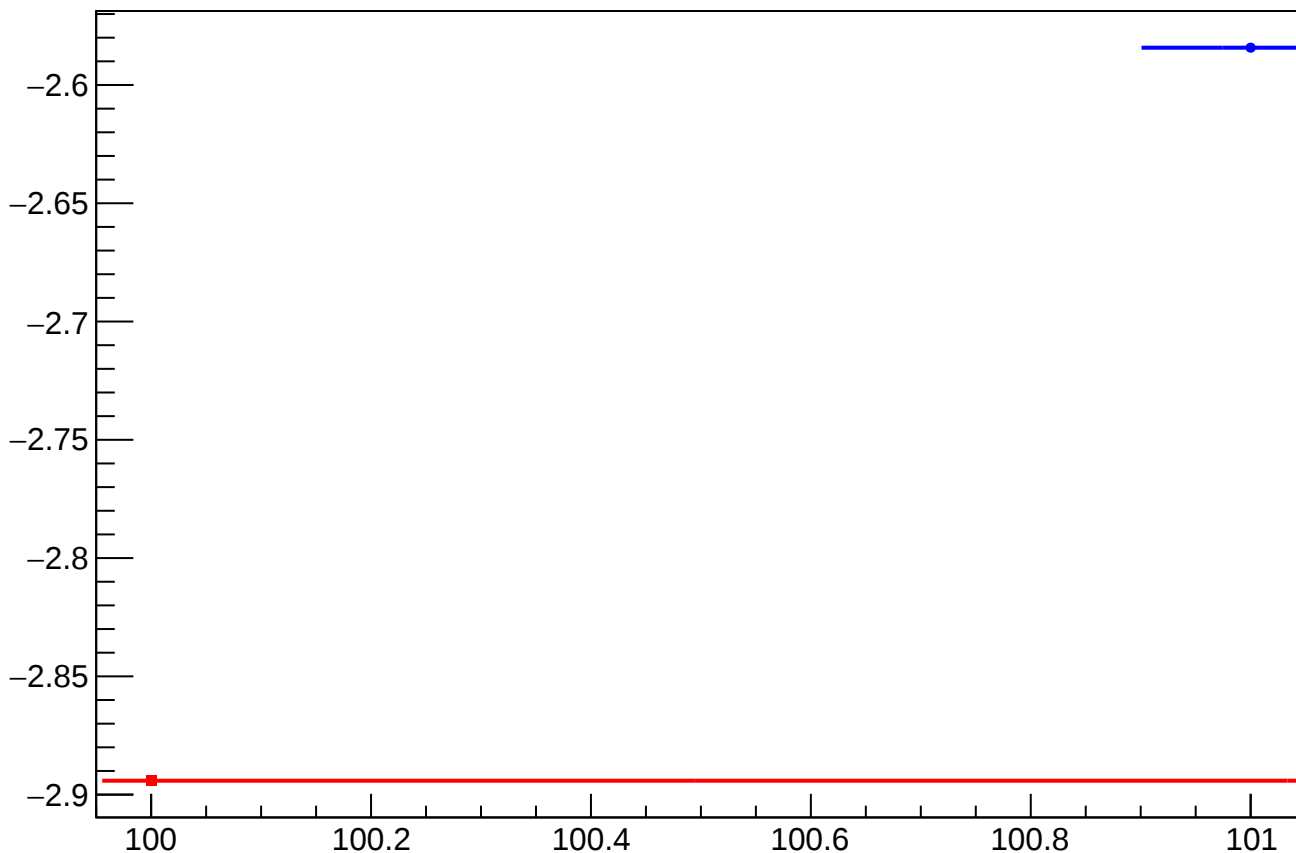
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 68.0/1

0.008+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -2.584+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -2.894+/-0.000 χ^2/NDF : 0.0/0

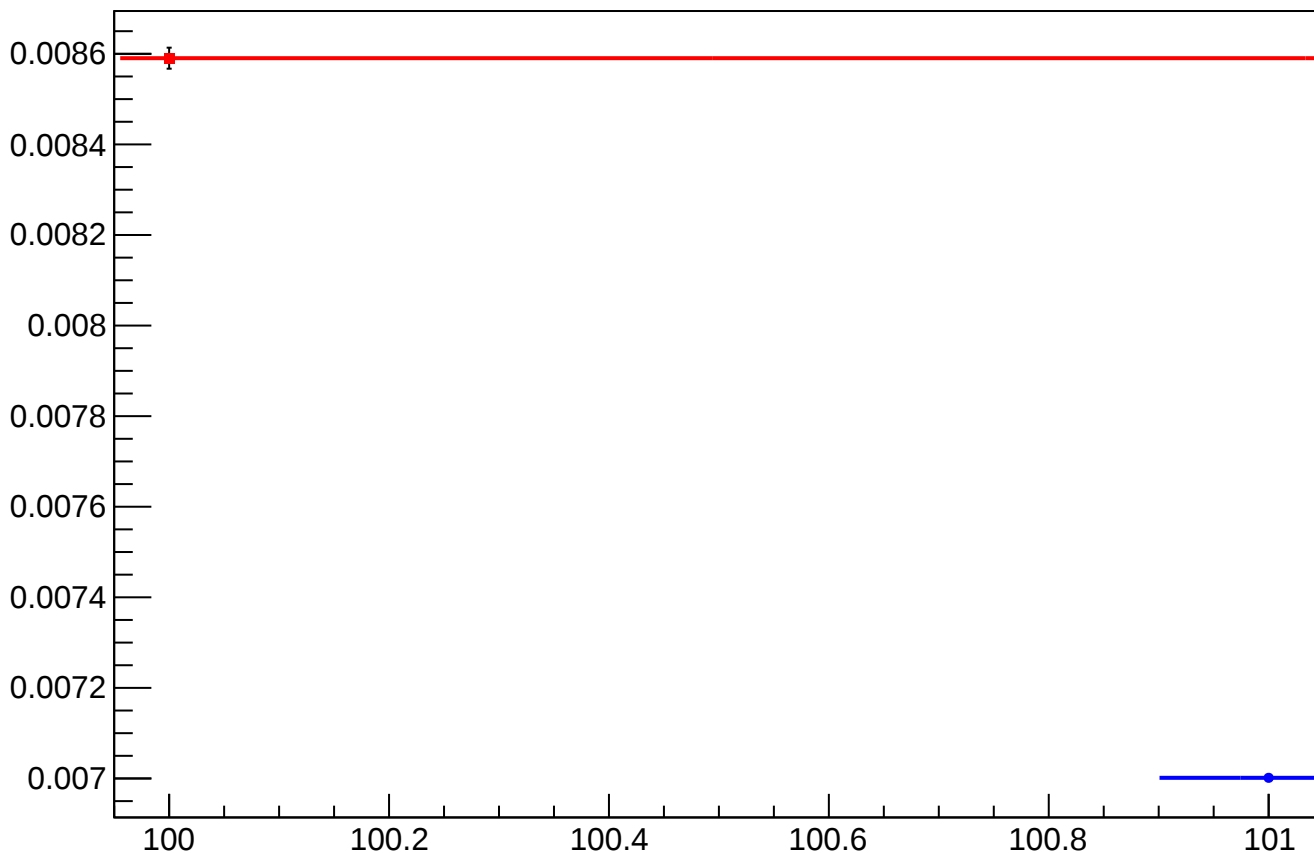
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.584+/-0.000 χ^2/NDF : 0.0/0

-2.607+/-0.000 χ^2/NDF : 82498459.6/1

-2.894+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

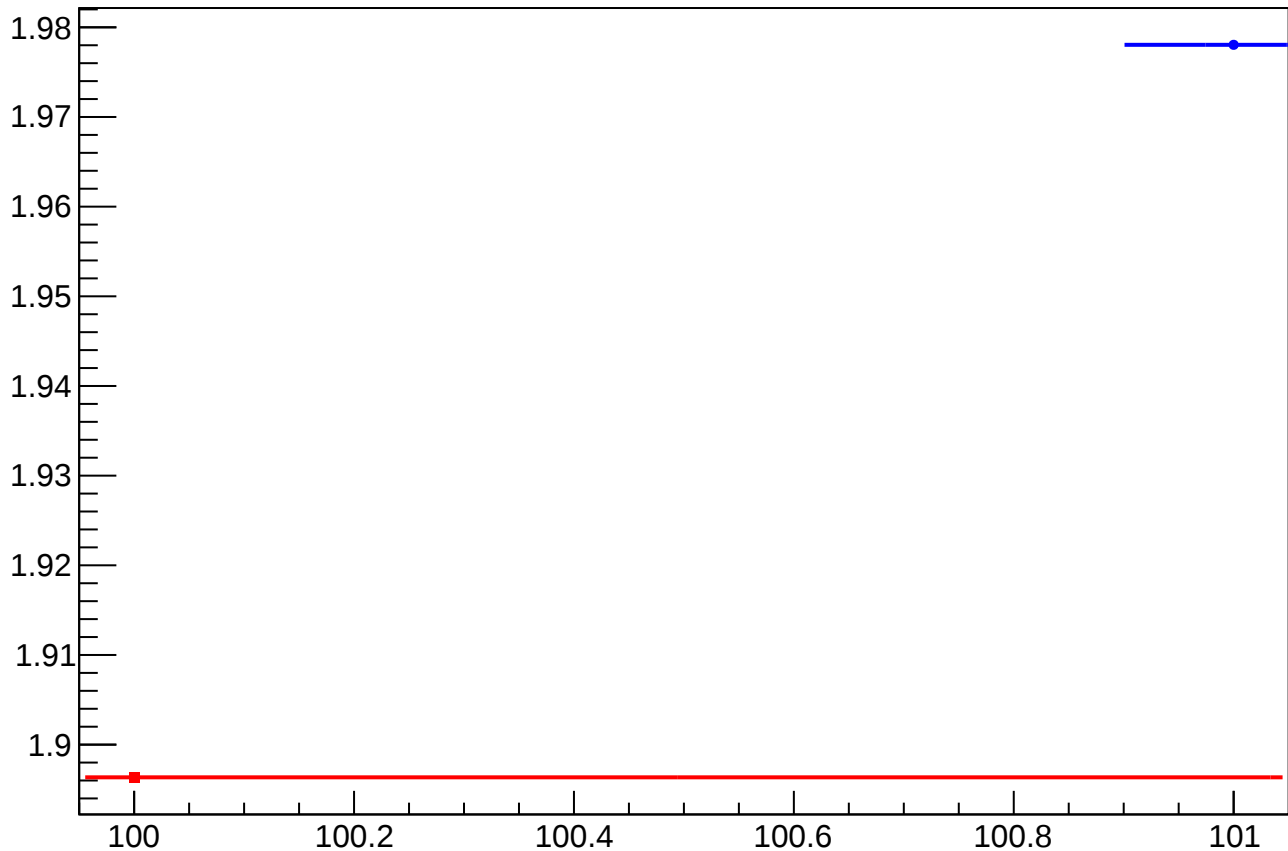
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 4338.1/1

0.009+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.978+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 1.896+/-0.000 χ^2/NDF : 0.0/0

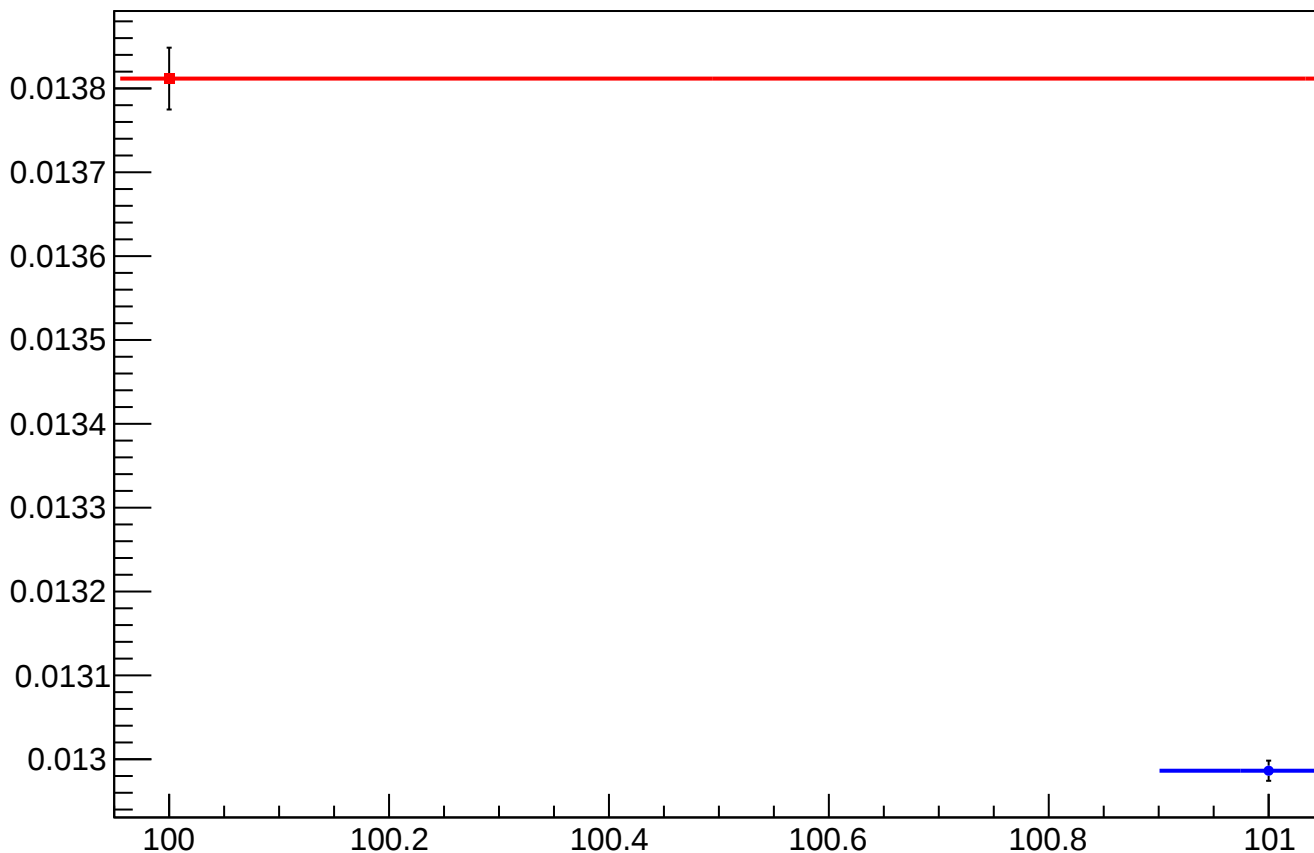
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.978+/-0.000 χ^2/NDF : 0.0/0

1.970+/-0.000 χ^2/NDF : 2219063.0/1

1.896+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

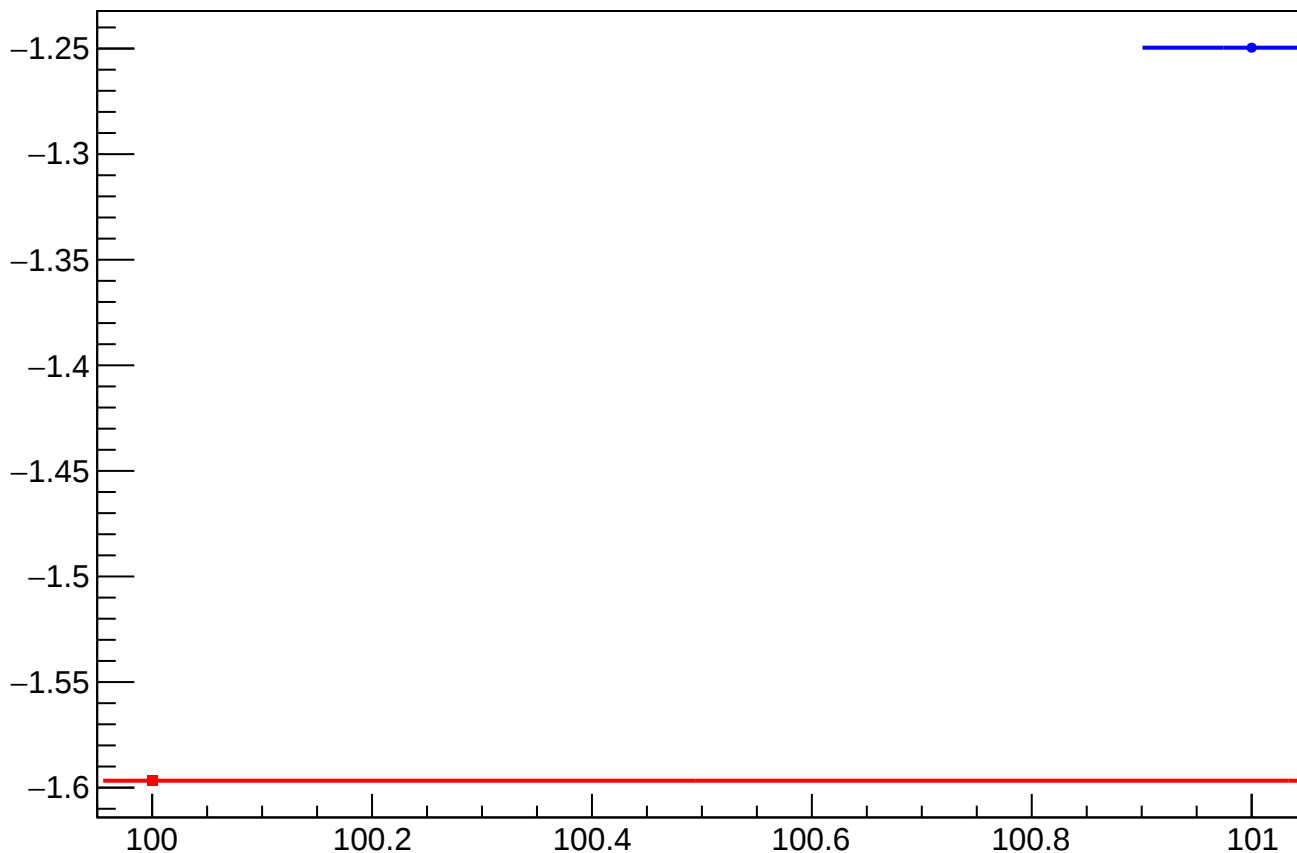
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 453.1/1

0.014+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.250+/-0.000 χ^2 /NDF: 0.0/0

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

Right Out: -1.597+/-0.000 χ^2 /NDF: 0.0/0

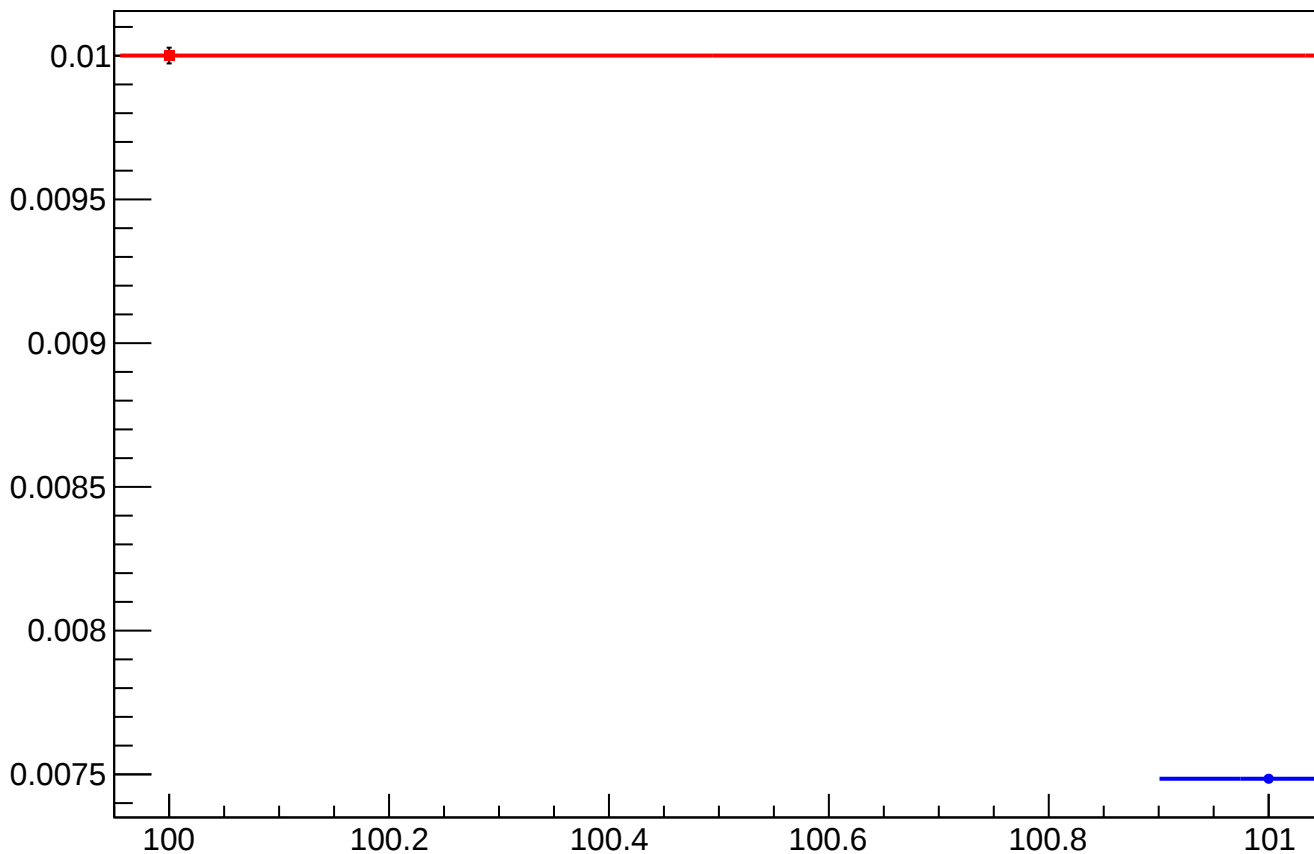
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-1.250+/-0.000 χ^2 /NDF: 0.0/0

-1.272+/-0.000 χ^2 /NDF: 75047697.7/1

-1.597+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

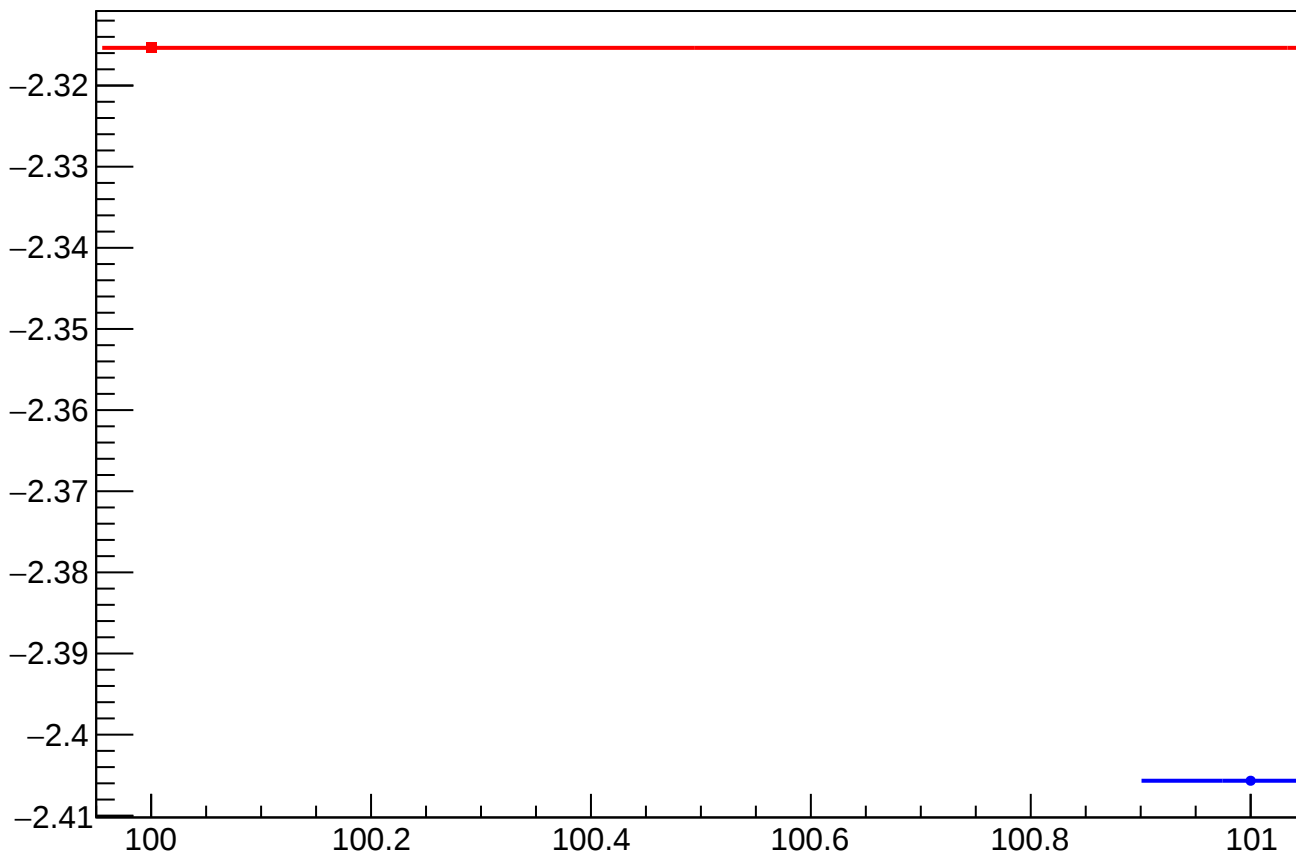
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 7883.5/1

0.010+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.406+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -2.315+/-0.000 χ^2/NDF : 0.0/0

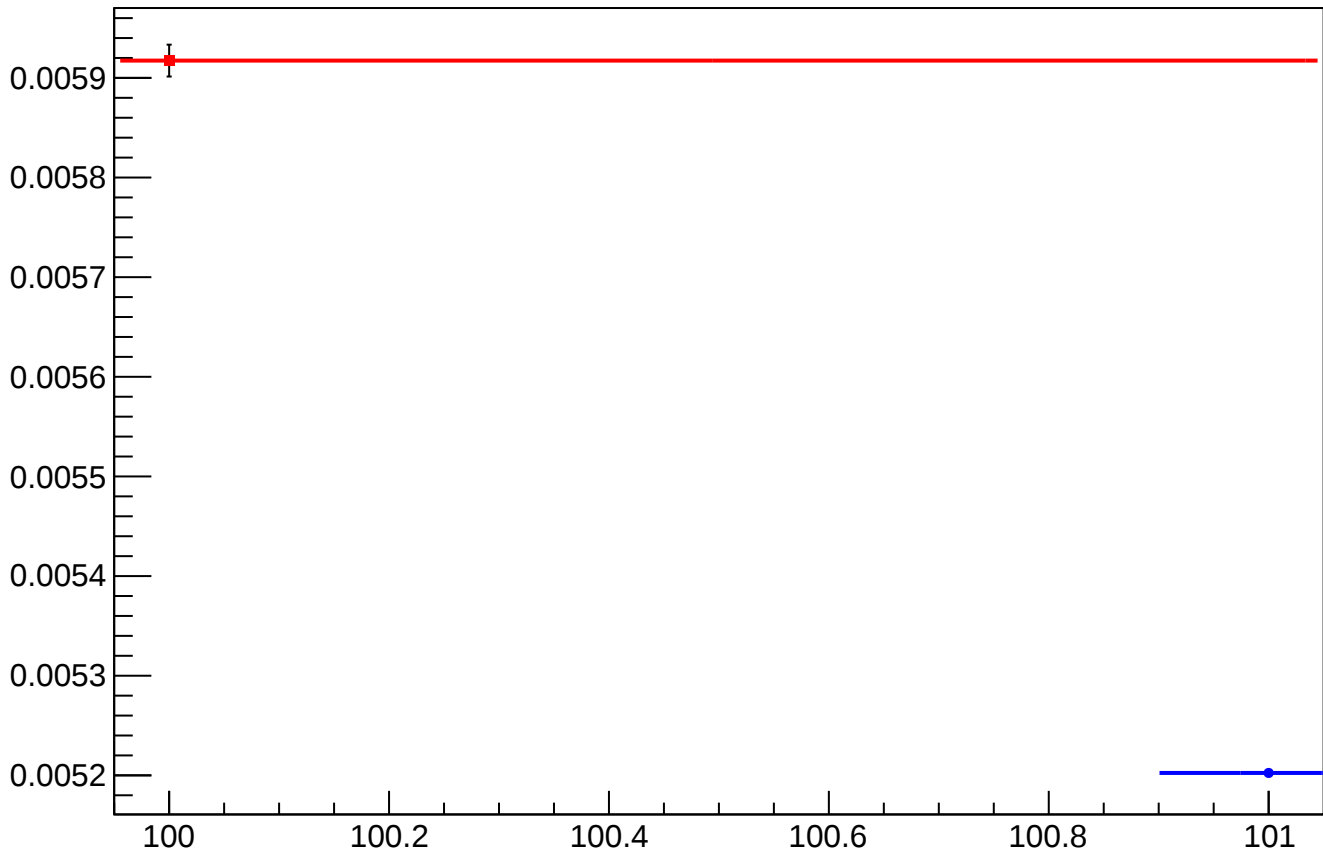
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.406+/-0.000 χ^2/NDF : 0.0/0

-2.398+/-0.000 χ^2/NDF : 14602546.6/1

-2.315+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

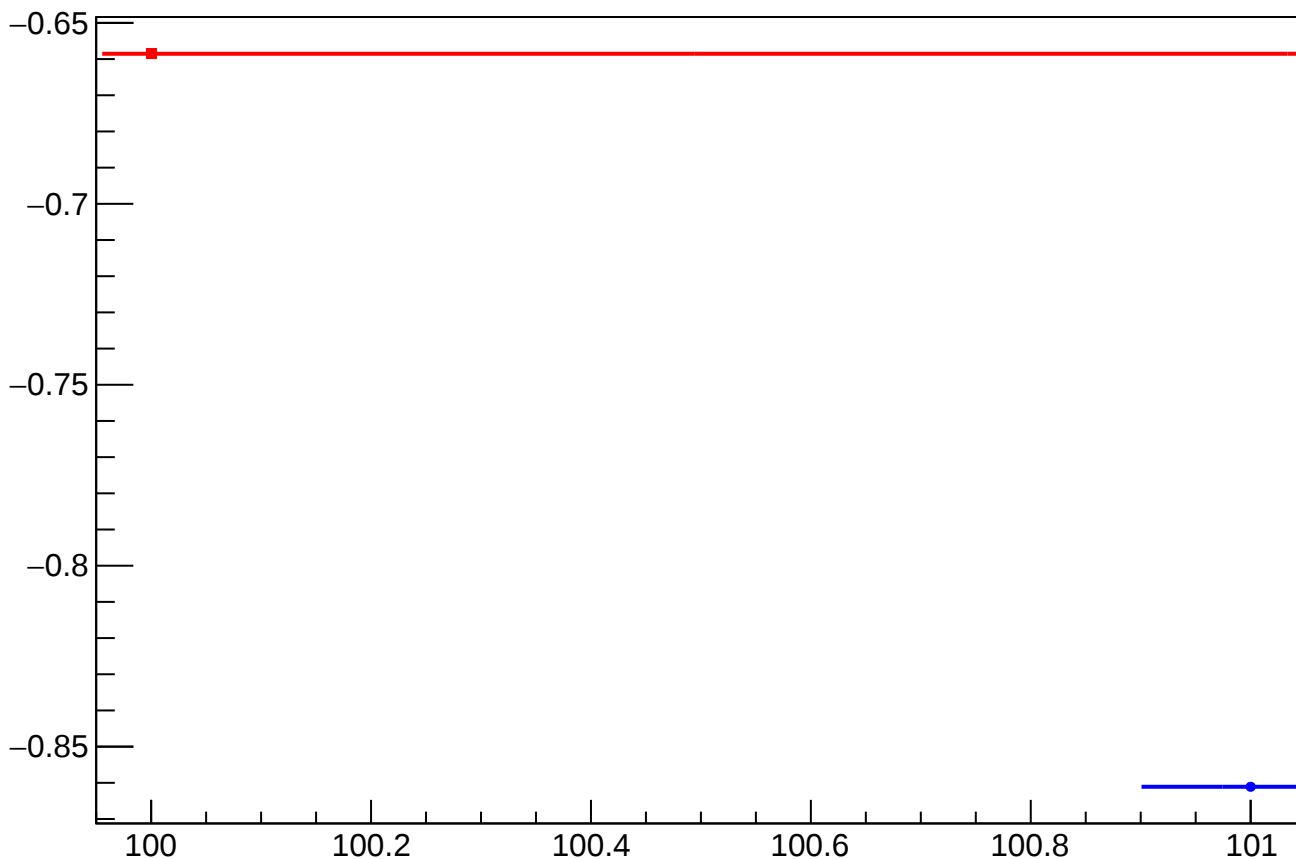
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1829.6/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -0.861+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -0.659+/-0.000 χ^2/NDF : 0.0/0

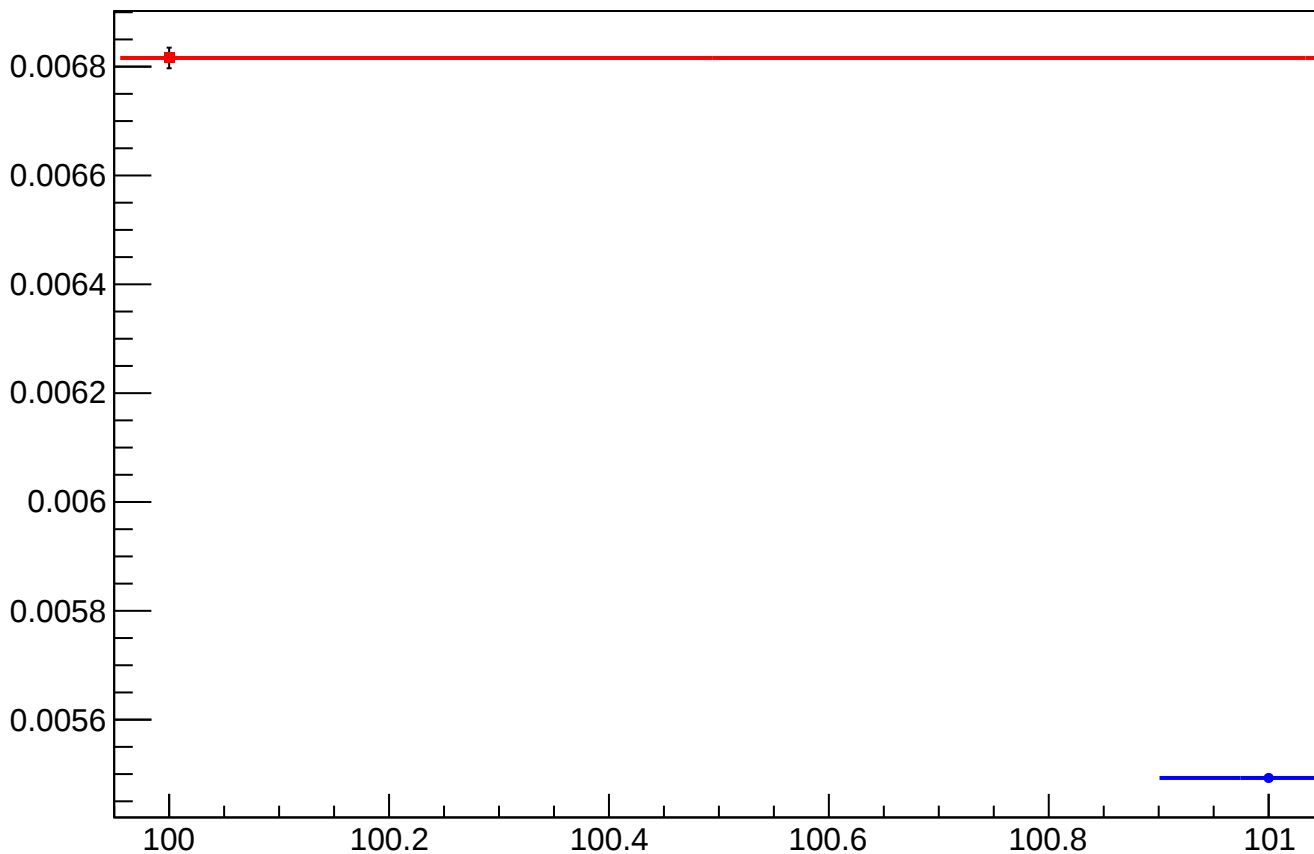
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.861+/-0.000 χ^2/NDF : 0.0/0

-0.847+/-0.000 χ^2/NDF : 53278834.1/1

-0.659+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

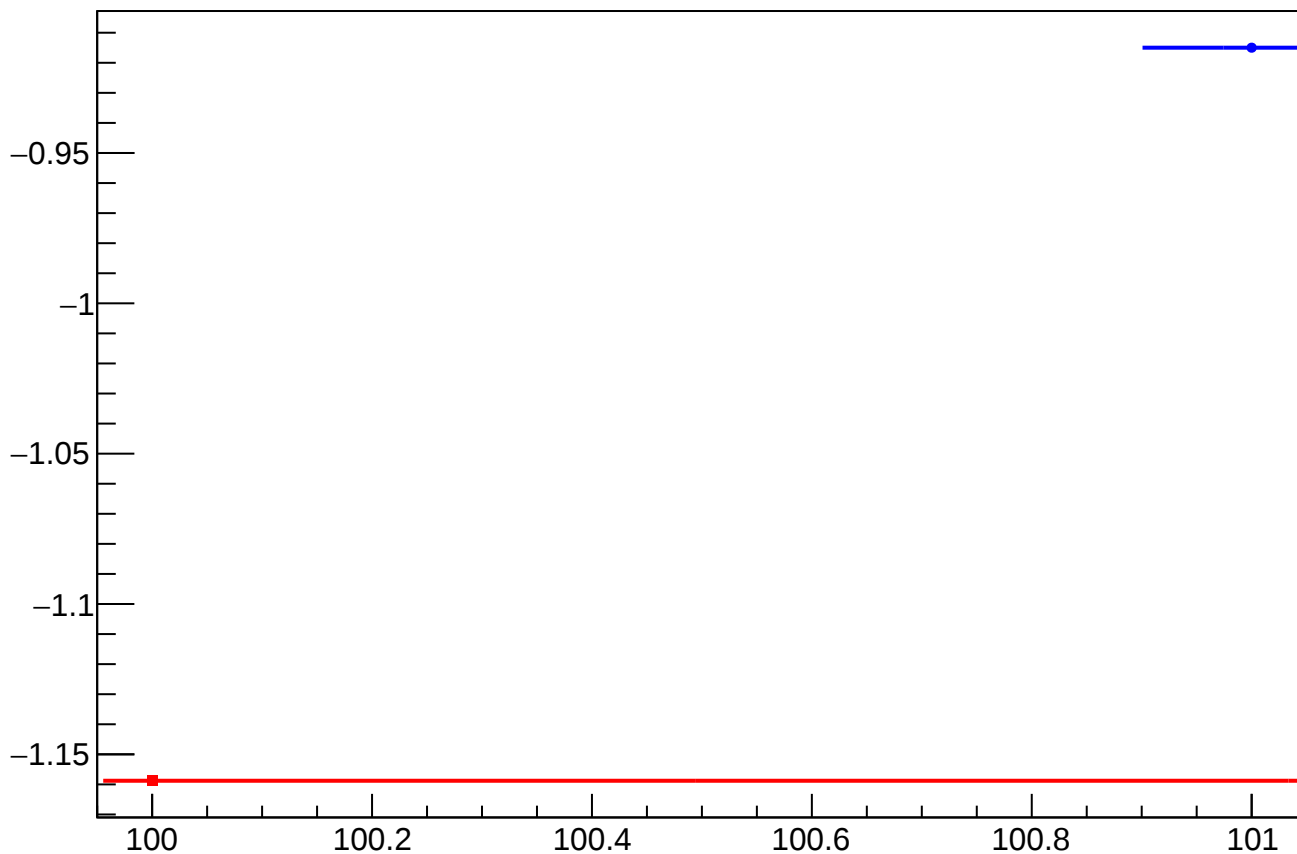
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 4546.1/1

0.007+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.915+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -1.159+/-0.000 χ^2/NDF : 0.0/0

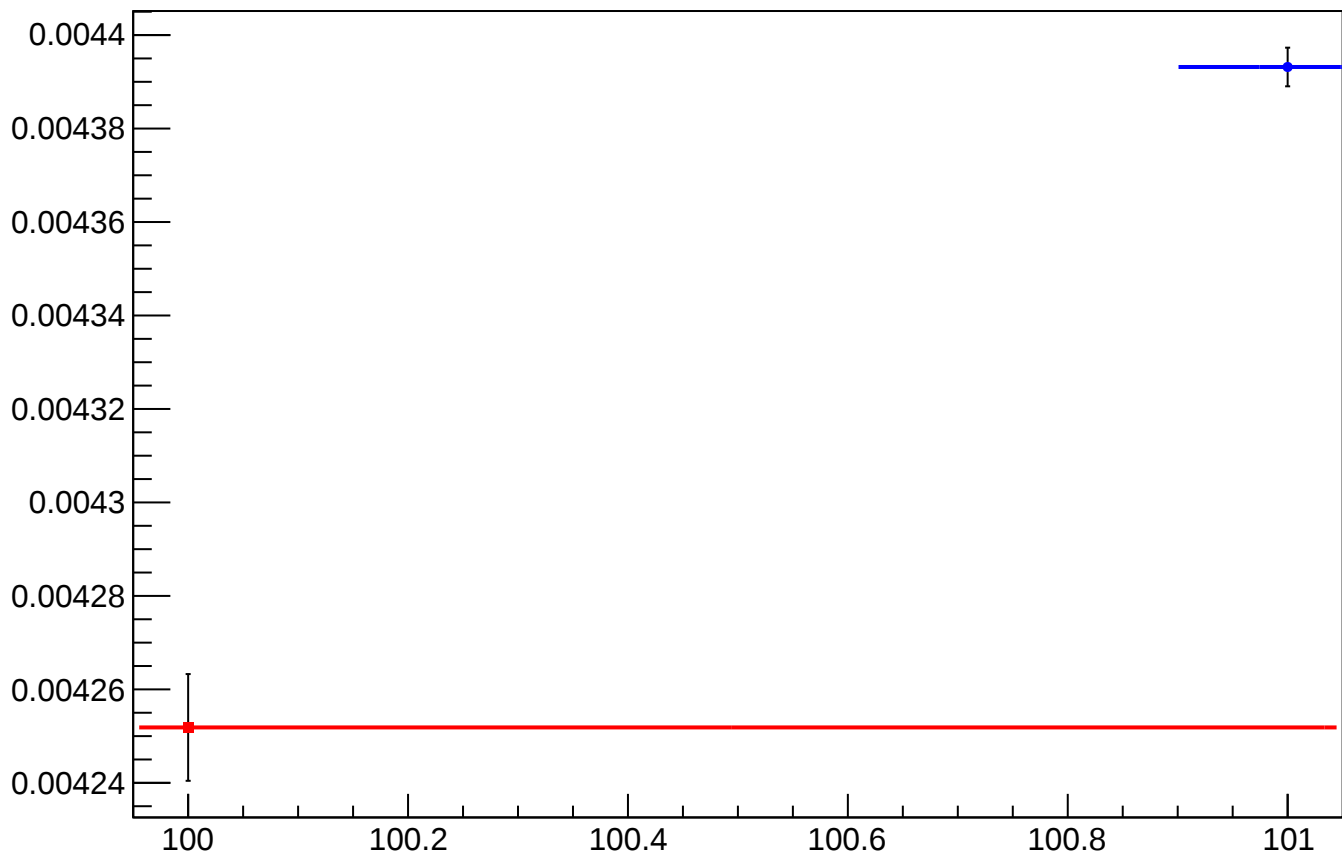
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.915+/-0.000 χ^2/NDF : 0.0/0

-0.943+/-0.000 χ^2/NDF : 201508344.2/1

-1.159+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2 /NDF: 0.0/0

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

Right Out: 0.004+/-0.000 χ^2 /NDF: 0.0/0

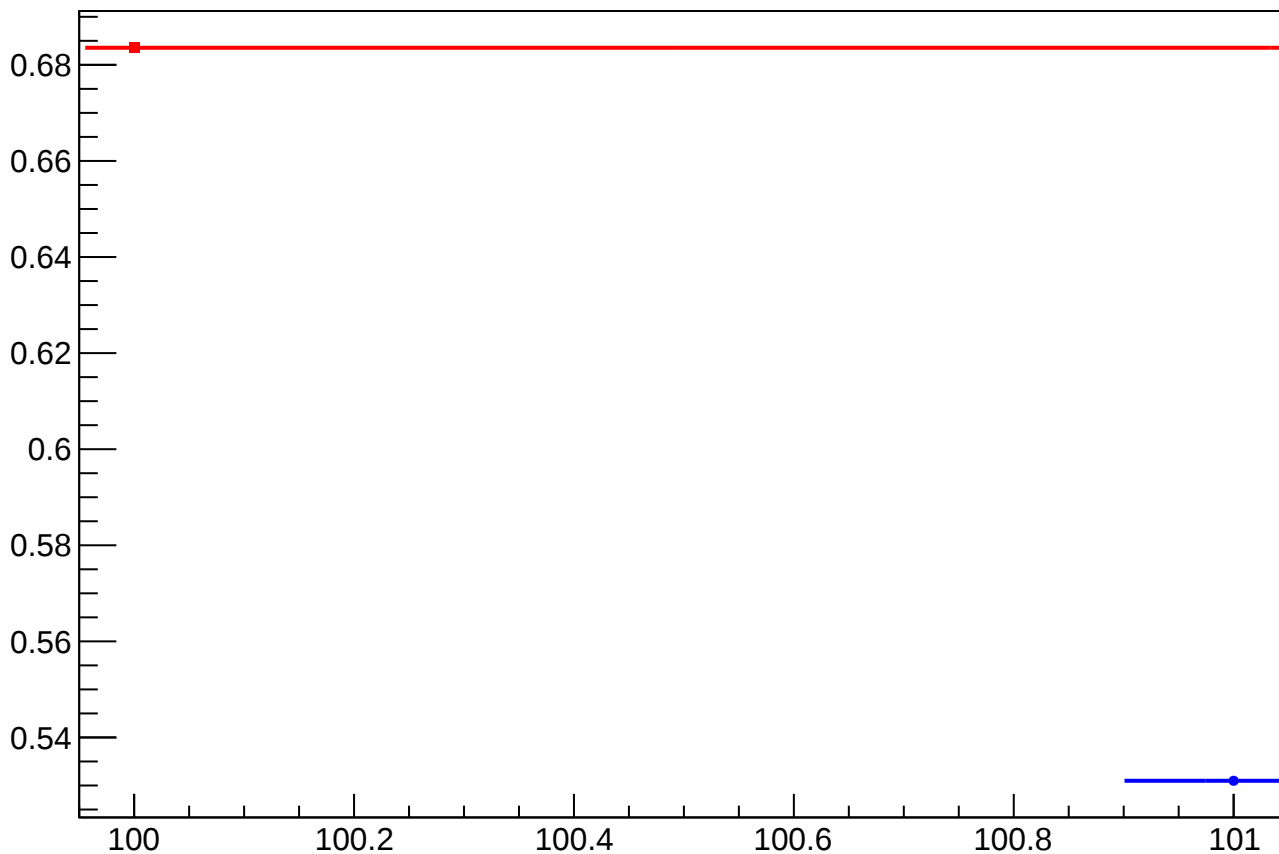
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.004+/-0.000 χ^2 /NDF: 0.0/0

0.004+/-0.000 χ^2 /NDF: 135.4/1

0.004+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.531+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.684+/-0.000 χ^2/NDF : 0.0/0

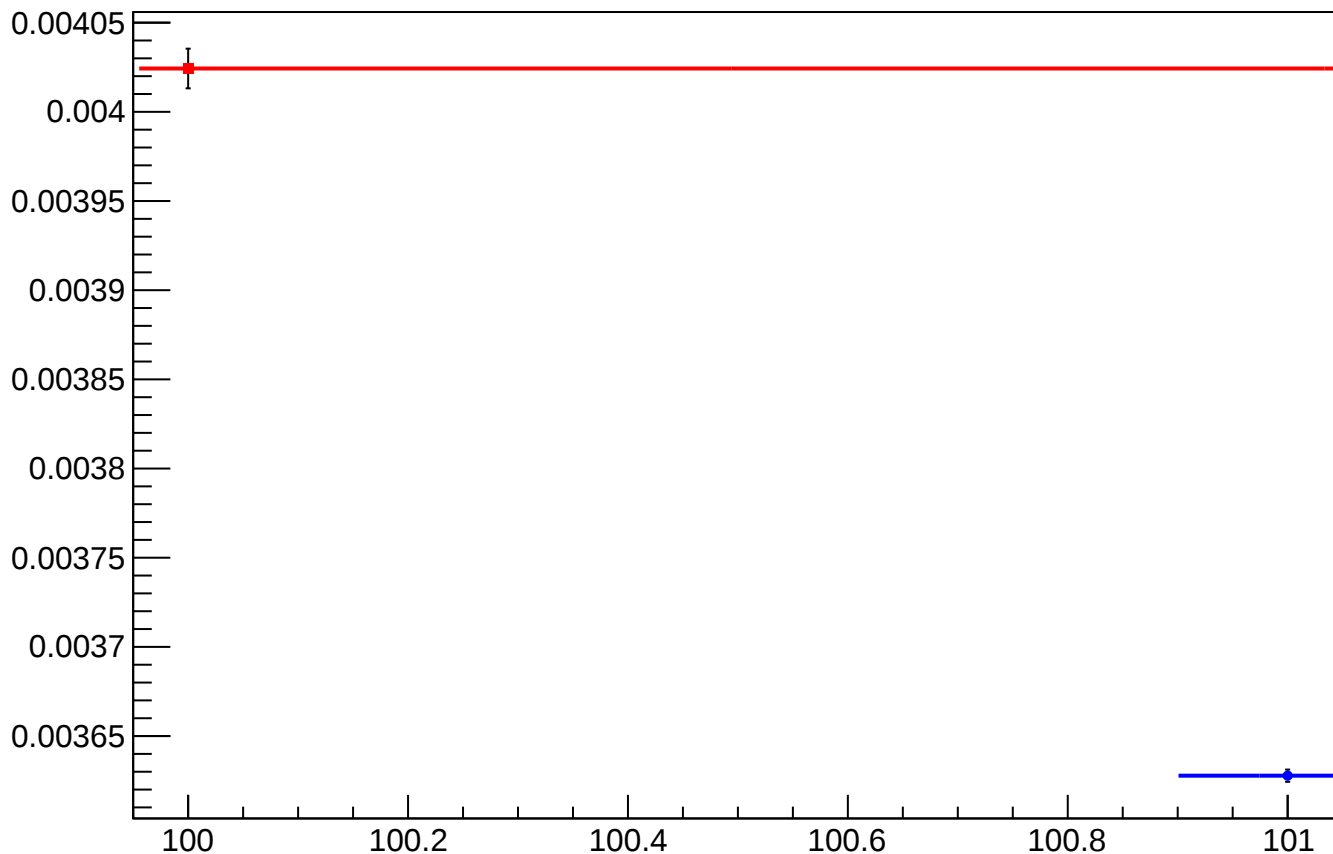
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.531+/-0.000 χ^2/NDF : 0.0/0

0.544+/-0.000 χ^2/NDF : 85927227.6/1

0.684+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.004+/-0.000 χ^2/NDF : 0.0/0

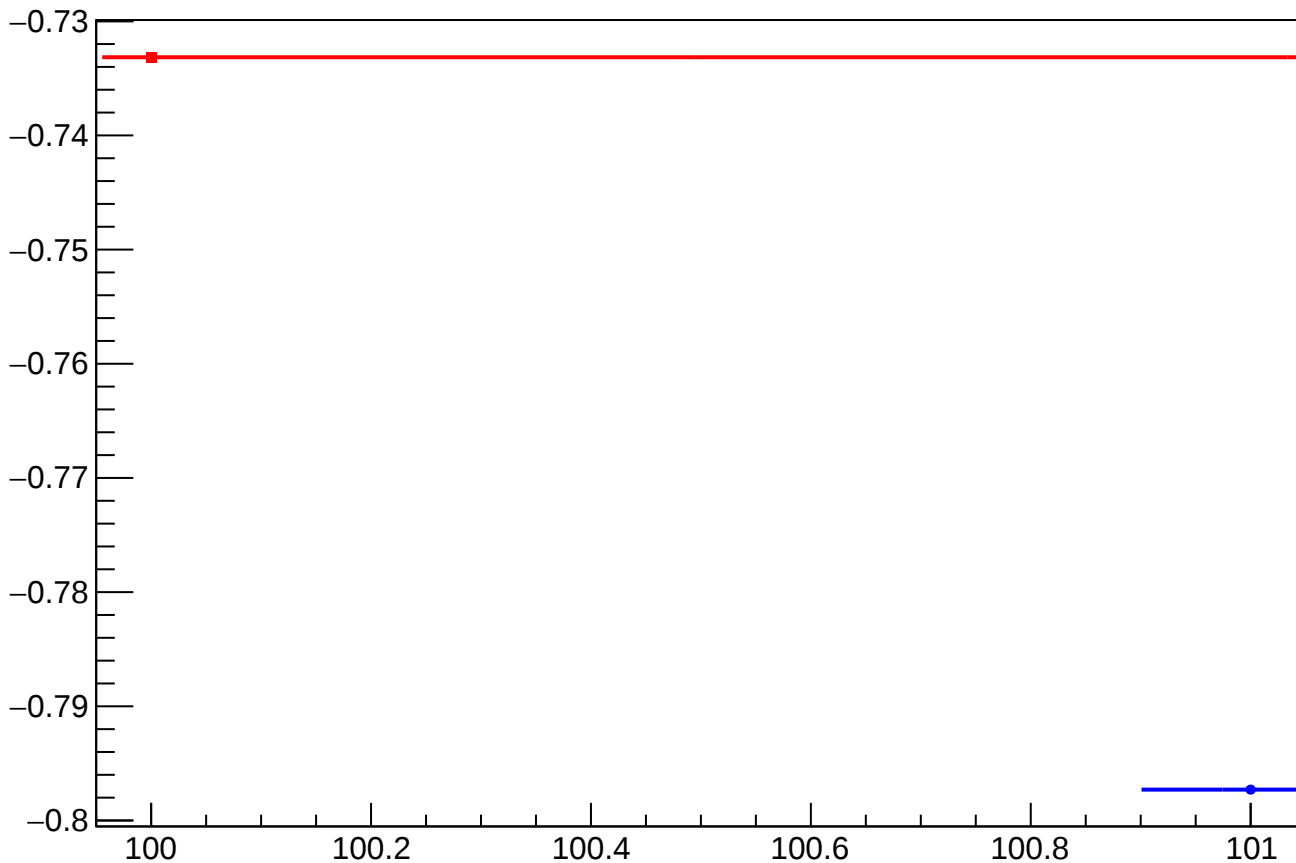
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 1160.6/1

0.004+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.797+/-0.000 χ^2 /NDF: 0.0/0

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

Right Out: -0.733+/-0.000 χ^2 /NDF: 0.0/0

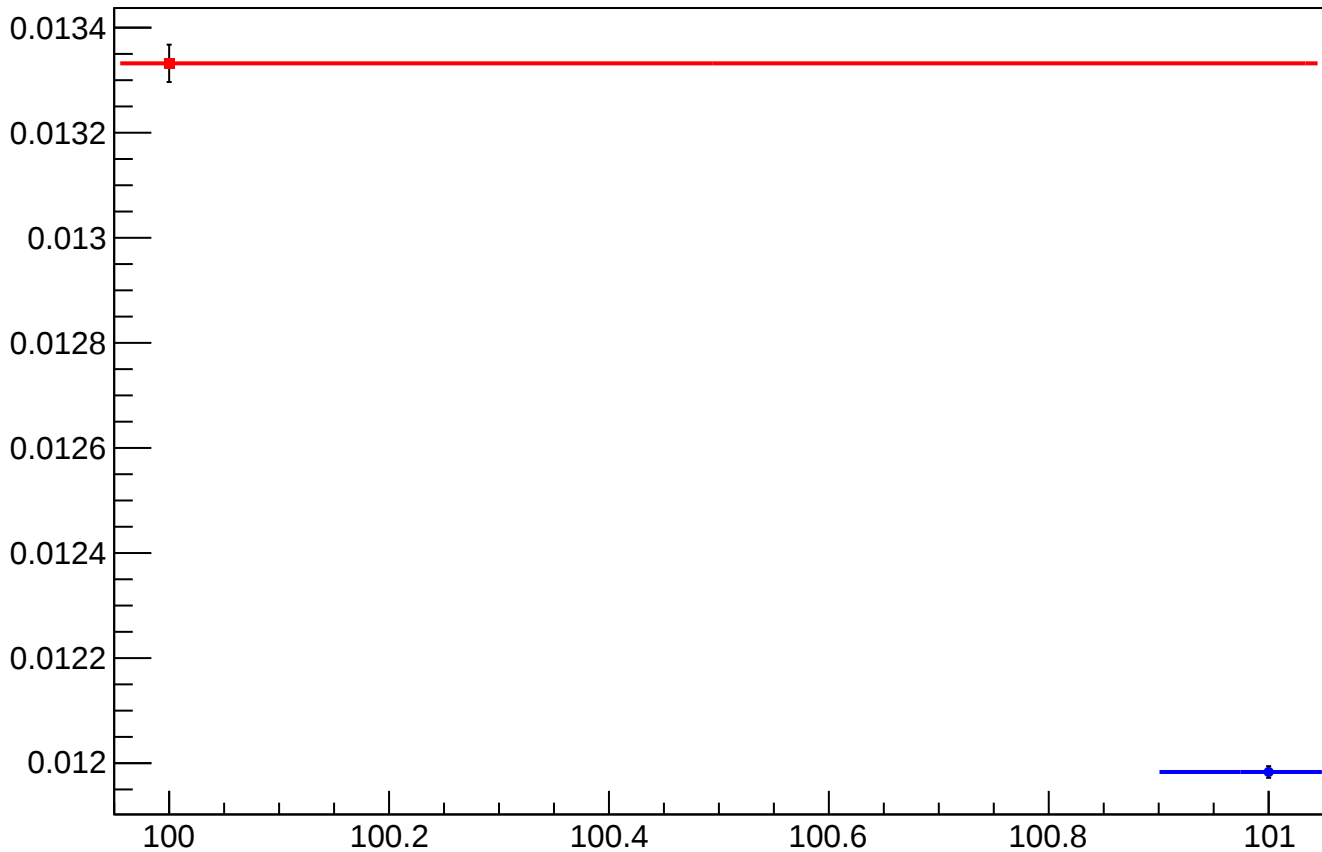
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.797+/-0.000 χ^2 /NDF: 0.0/0

-0.792+/-0.000 χ^2 /NDF: 1484754.3/1

-0.733+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

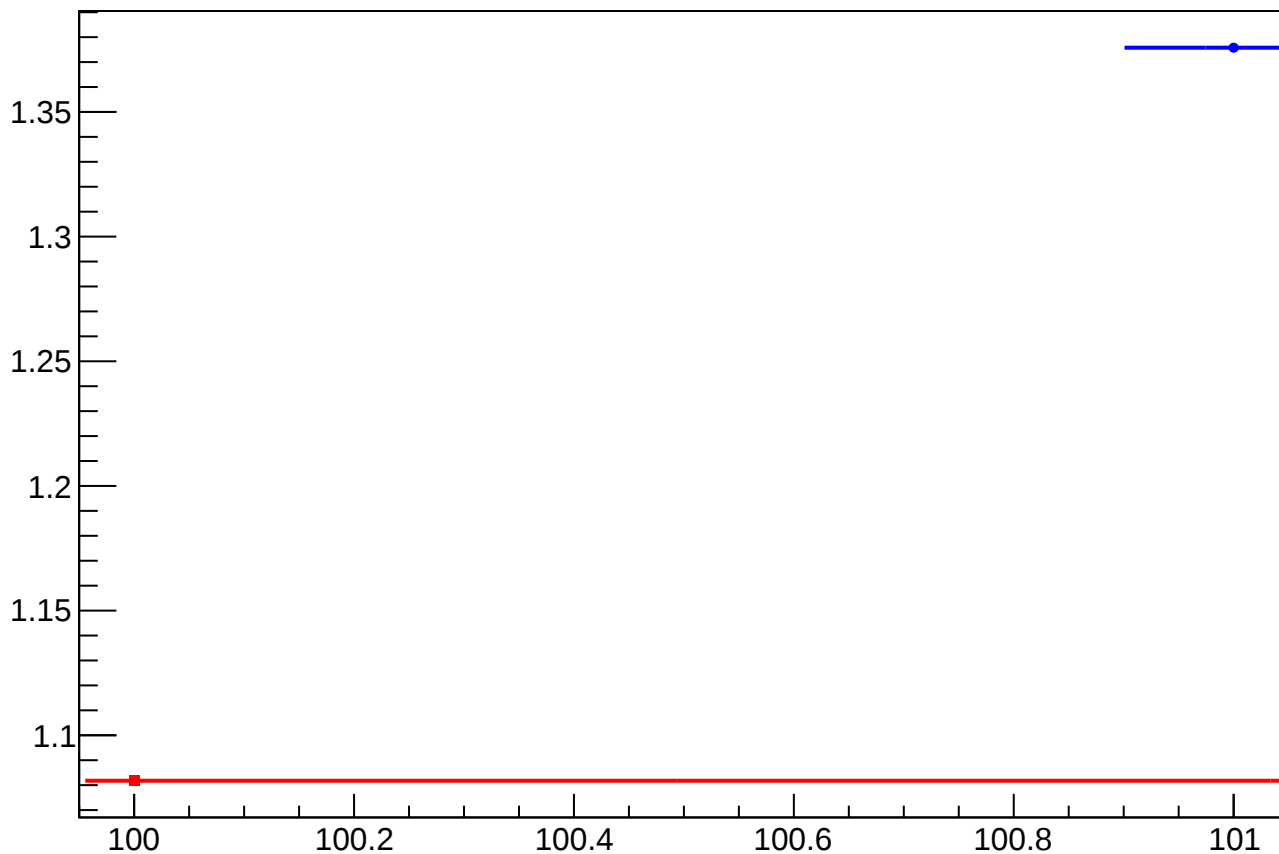
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 1313.2/1

0.013+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.376+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 1.082+/-0.000 χ^2/NDF : 0.0/0

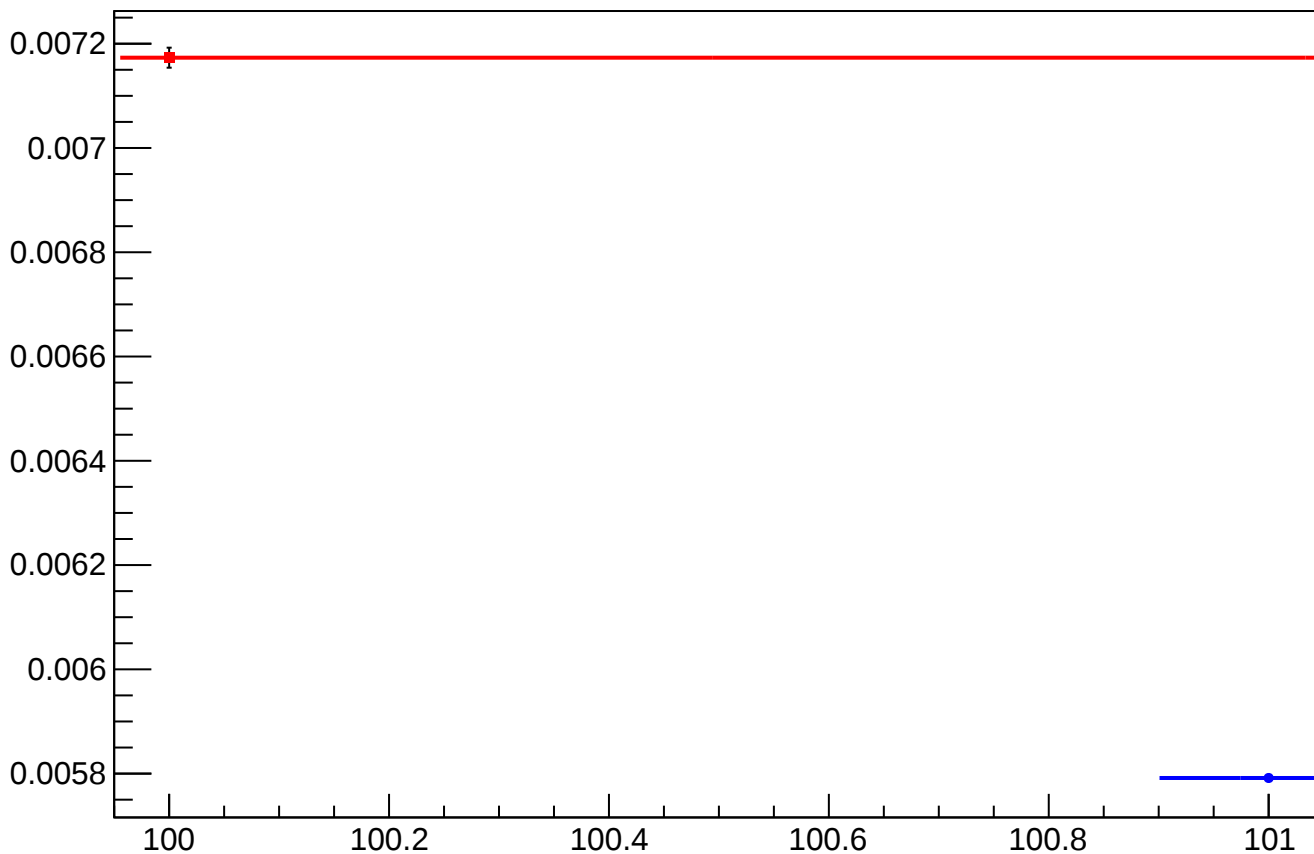
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.376+/-0.000 χ^2/NDF : 0.0/0

1.354+/-0.000 χ^2/NDF : 108567728.0/1

1.082+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.007+/-0.000 χ^2/NDF : 0.0/0

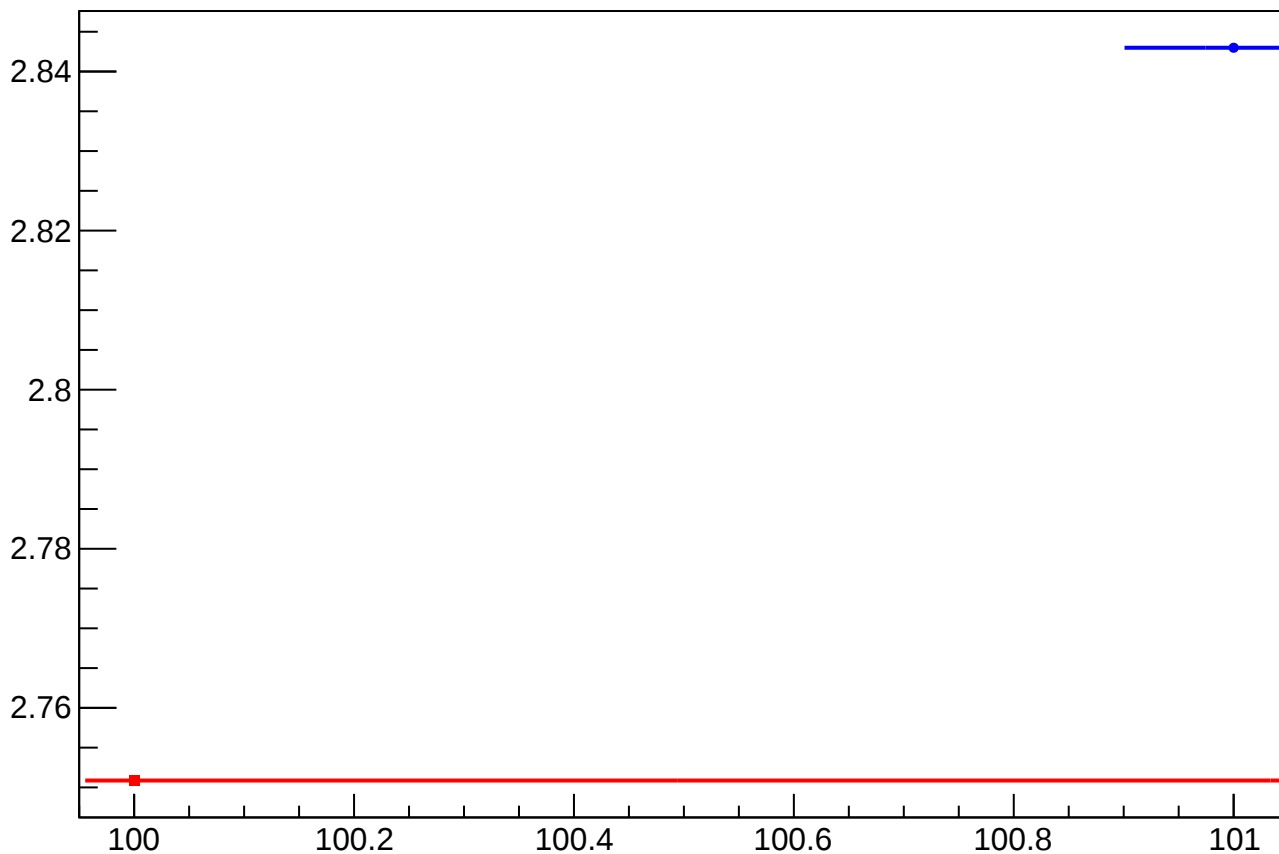
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 4794.9/1

0.007+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 2.843+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 2.751+/-0.000 χ^2/NDF : 0.0/0

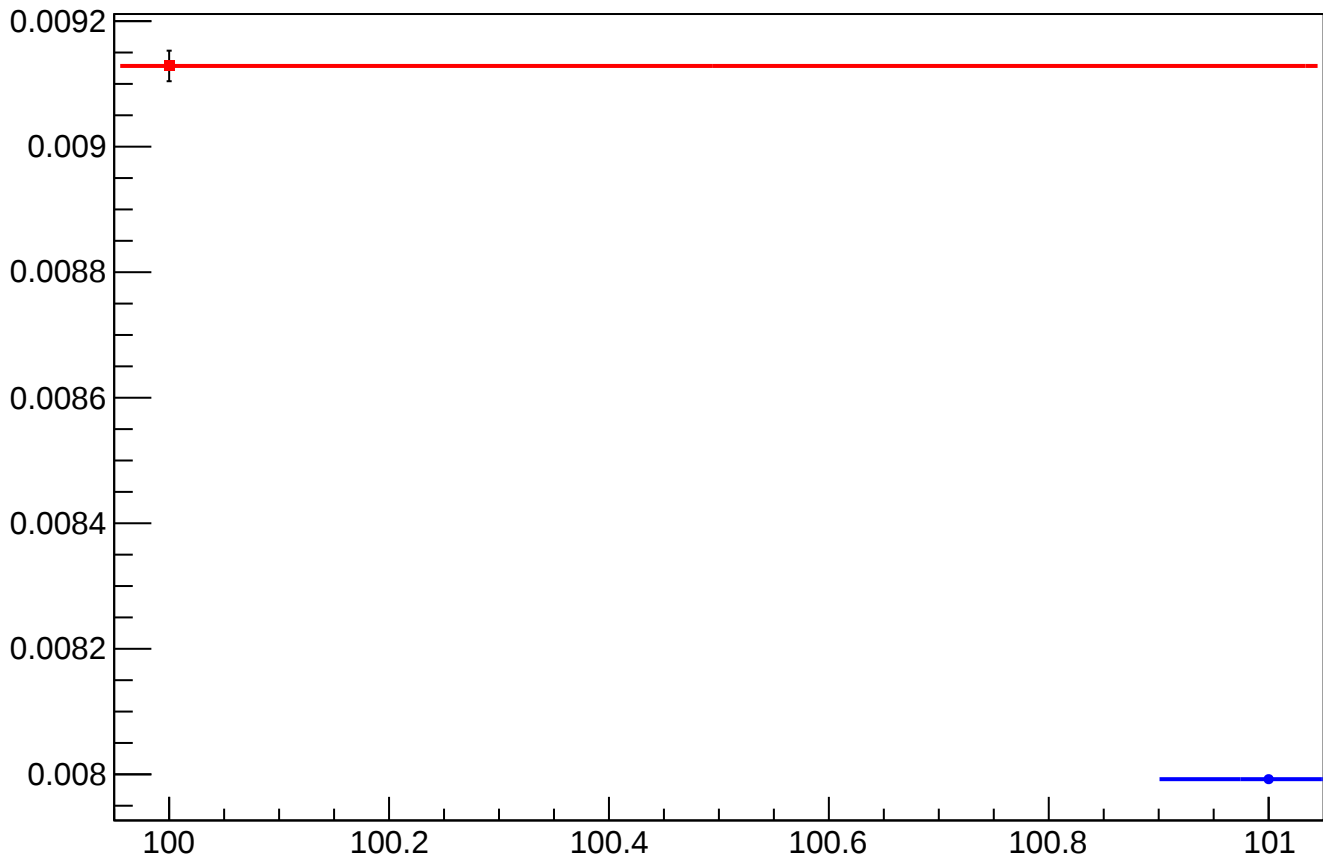
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

2.843+/-0.000 χ^2/NDF : 0.0/0

2.835+/-0.000 χ^2/NDF : 6563854.9/1

2.751+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.009+/-0.000 χ^2/NDF : 0.0/0

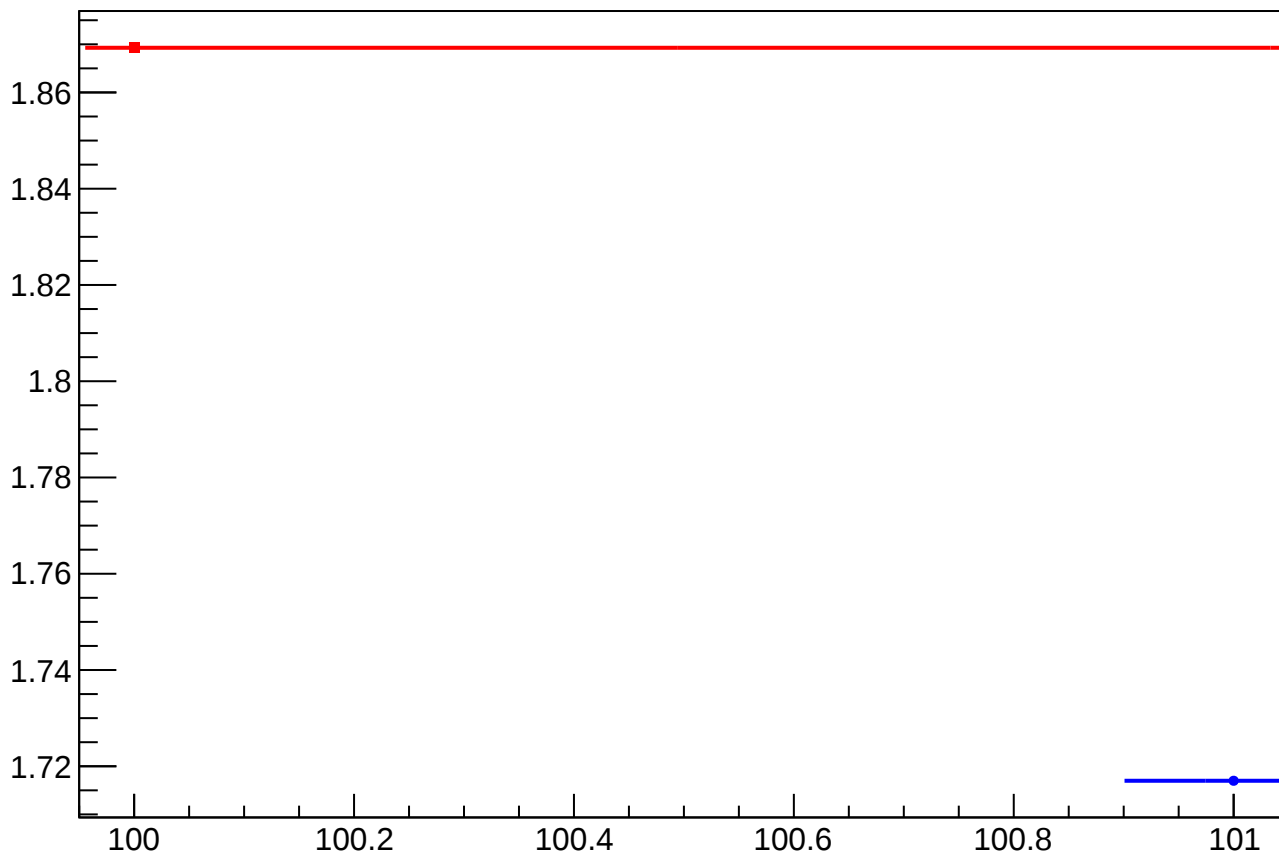
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 1997.3/1

0.009+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 1.717+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 1.869+/-0.000 χ^2/NDF : 0.0/0

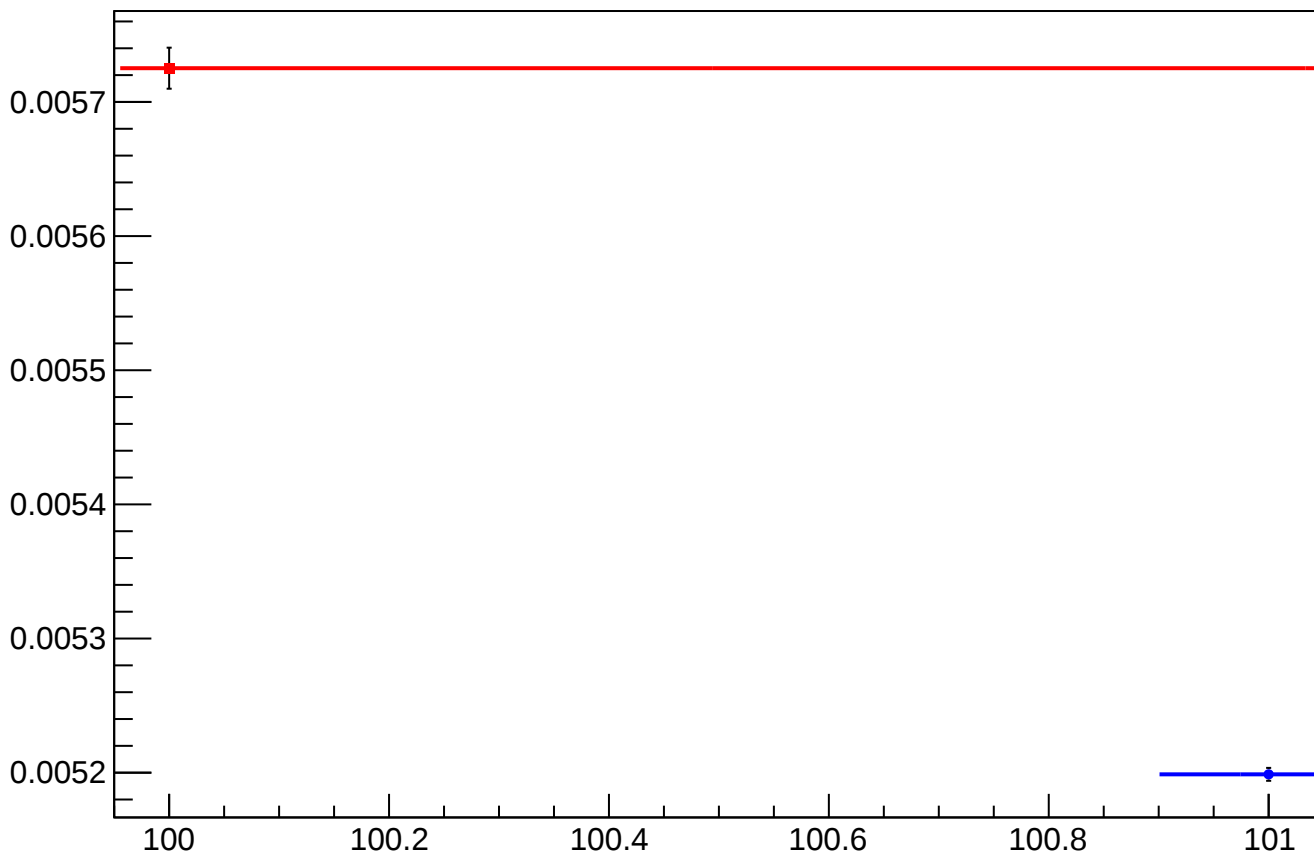
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.717+/-0.000 χ^2/NDF : 0.0/0

1.731+/-0.000 χ^2/NDF : 45082654.1/1

1.869+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

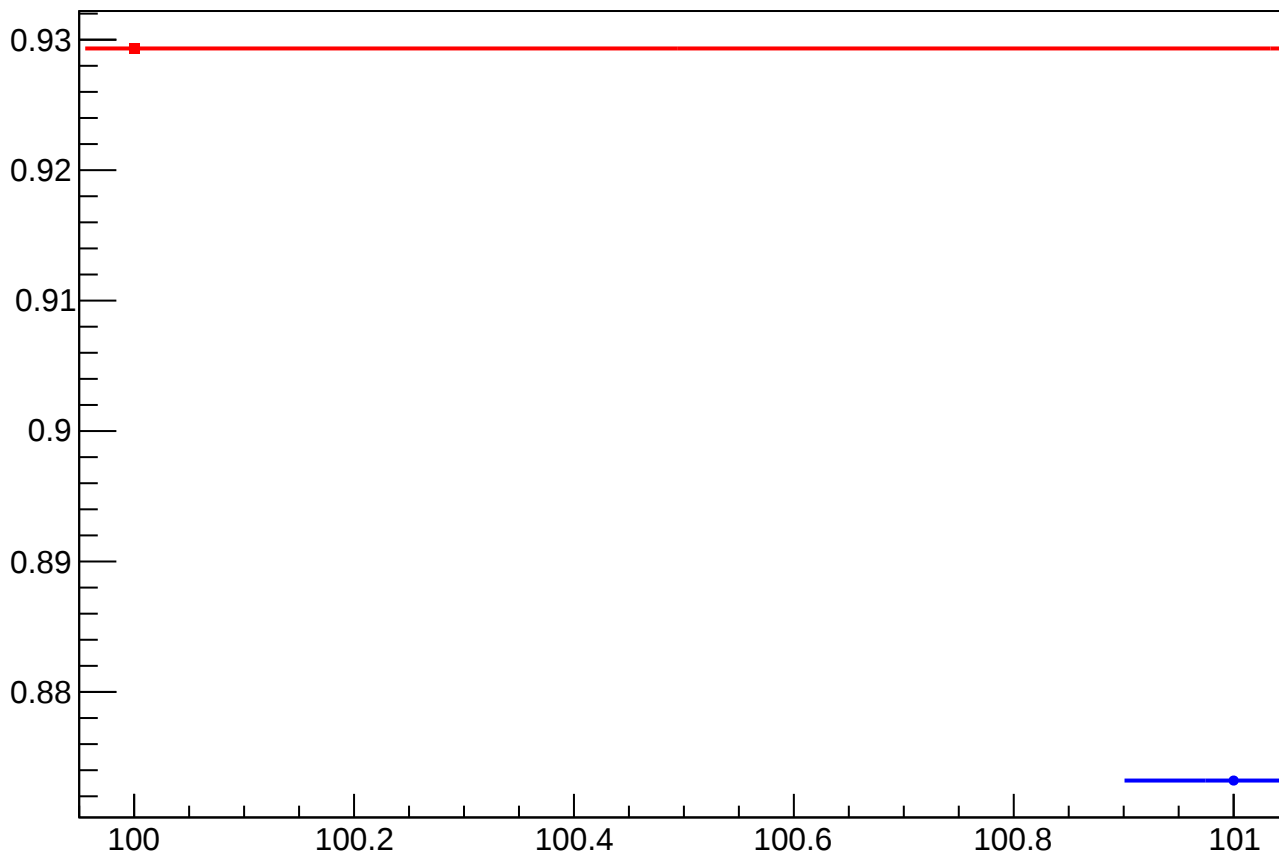
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 1077.2/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.873+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.929+/-0.000 χ^2/NDF : 0.0/0

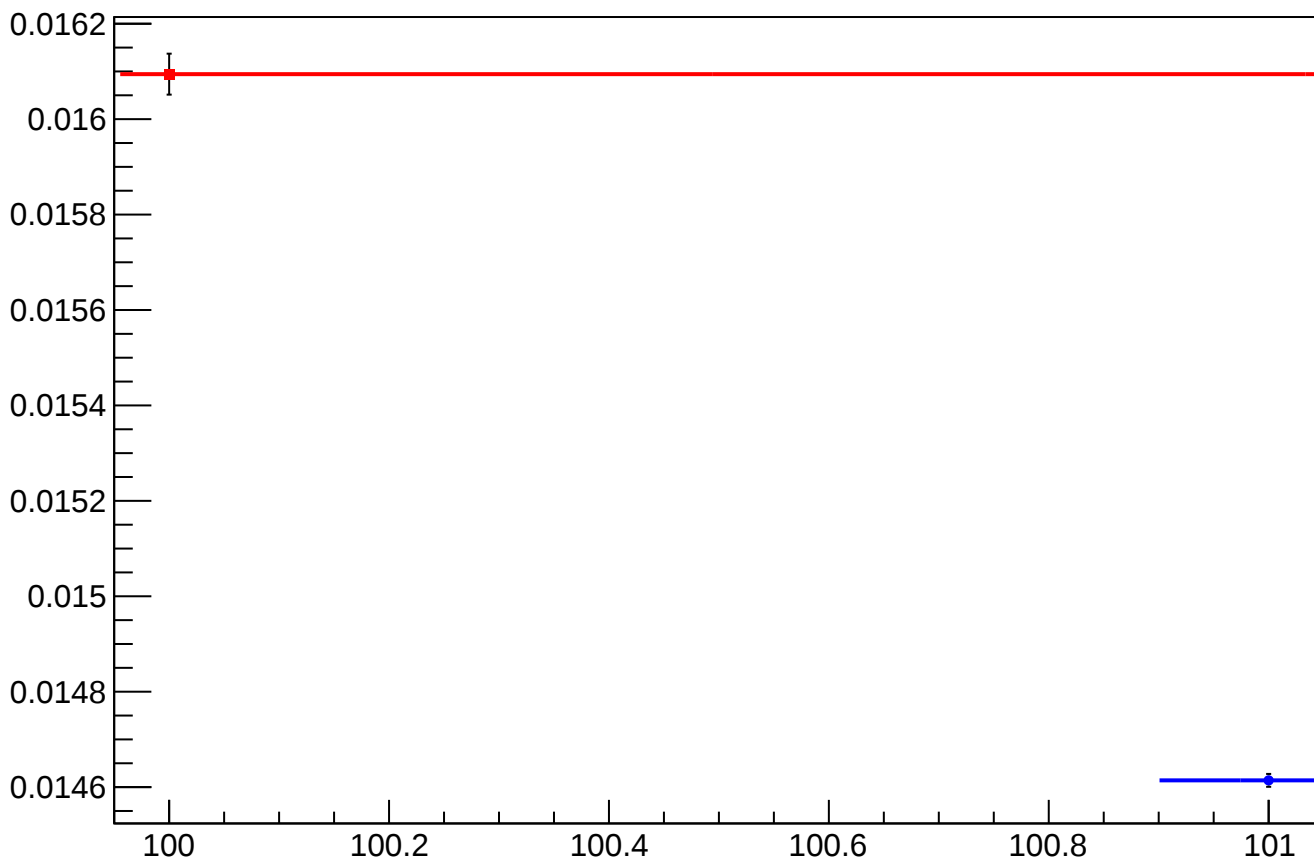
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.873+/-0.000 χ^2/NDF : 0.0/0

0.878+/-0.000 χ^2/NDF : 777911.3/1

0.929+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.016+/-0.000 χ^2/NDF : 0.0/0

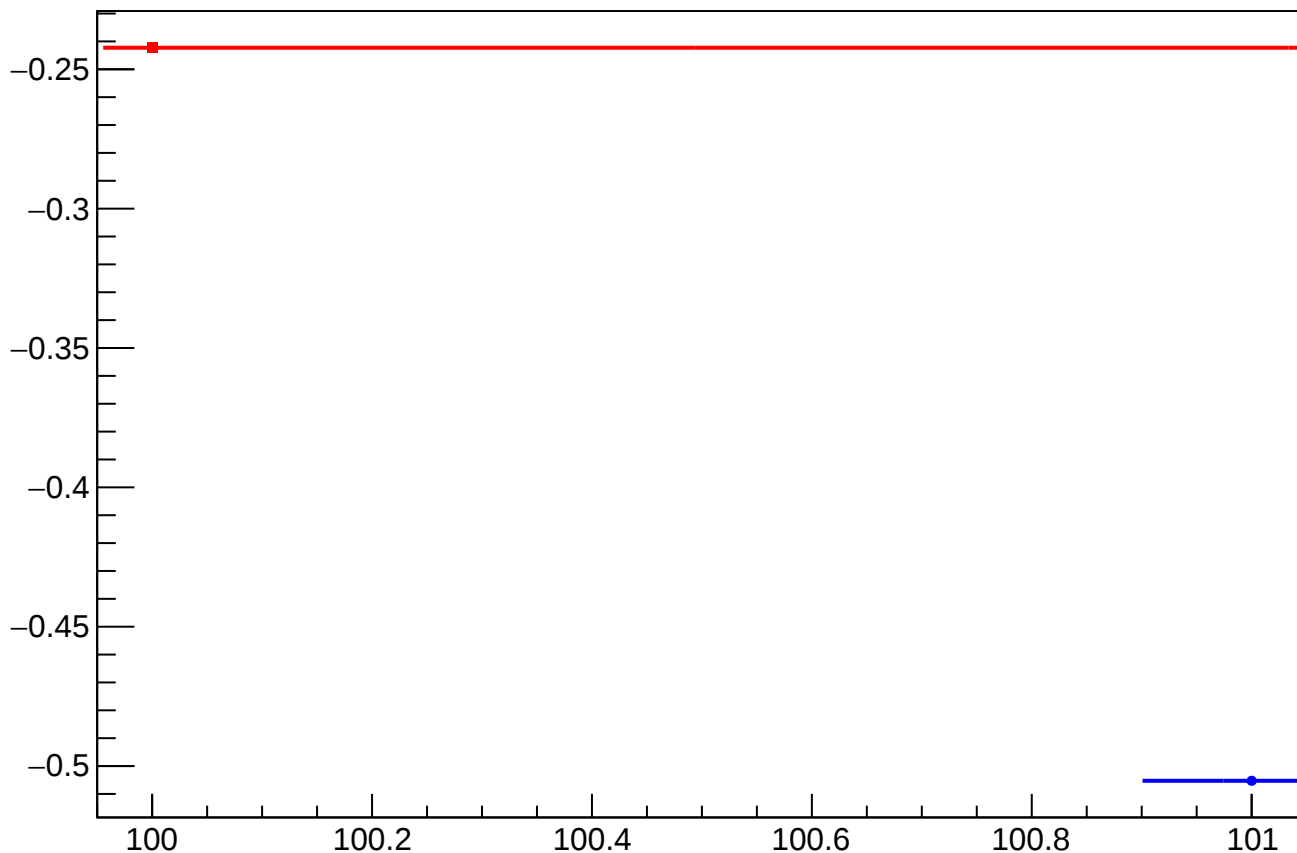
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 1082.2/1

0.016+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -0.505+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: -0.242+/-0.000 χ^2/NDF : 0.0/0

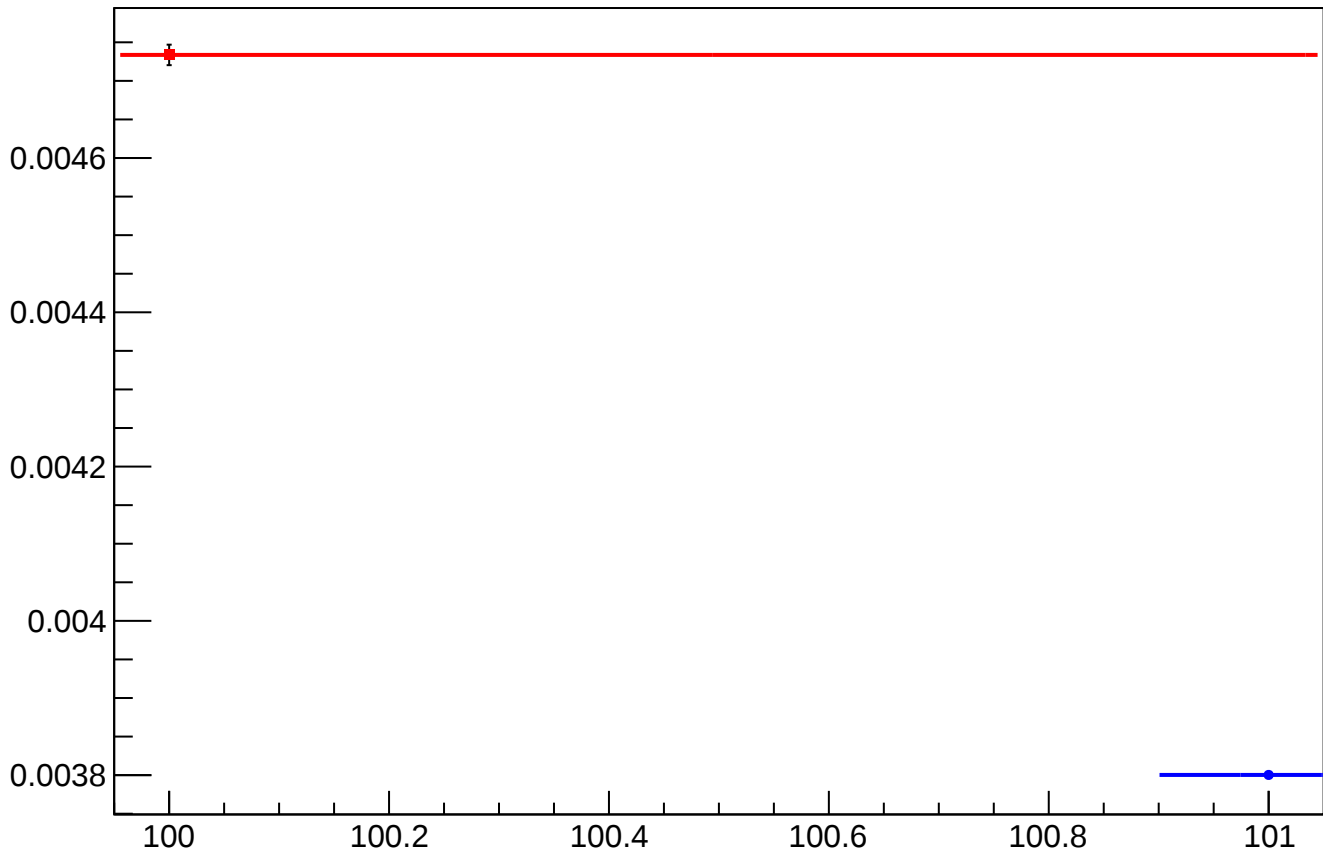
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.505+/-0.000 χ^2/NDF : 0.0/0

-0.486+/-0.000 χ^2/NDF : 182029436.5/1

-0.242+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

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

Right Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

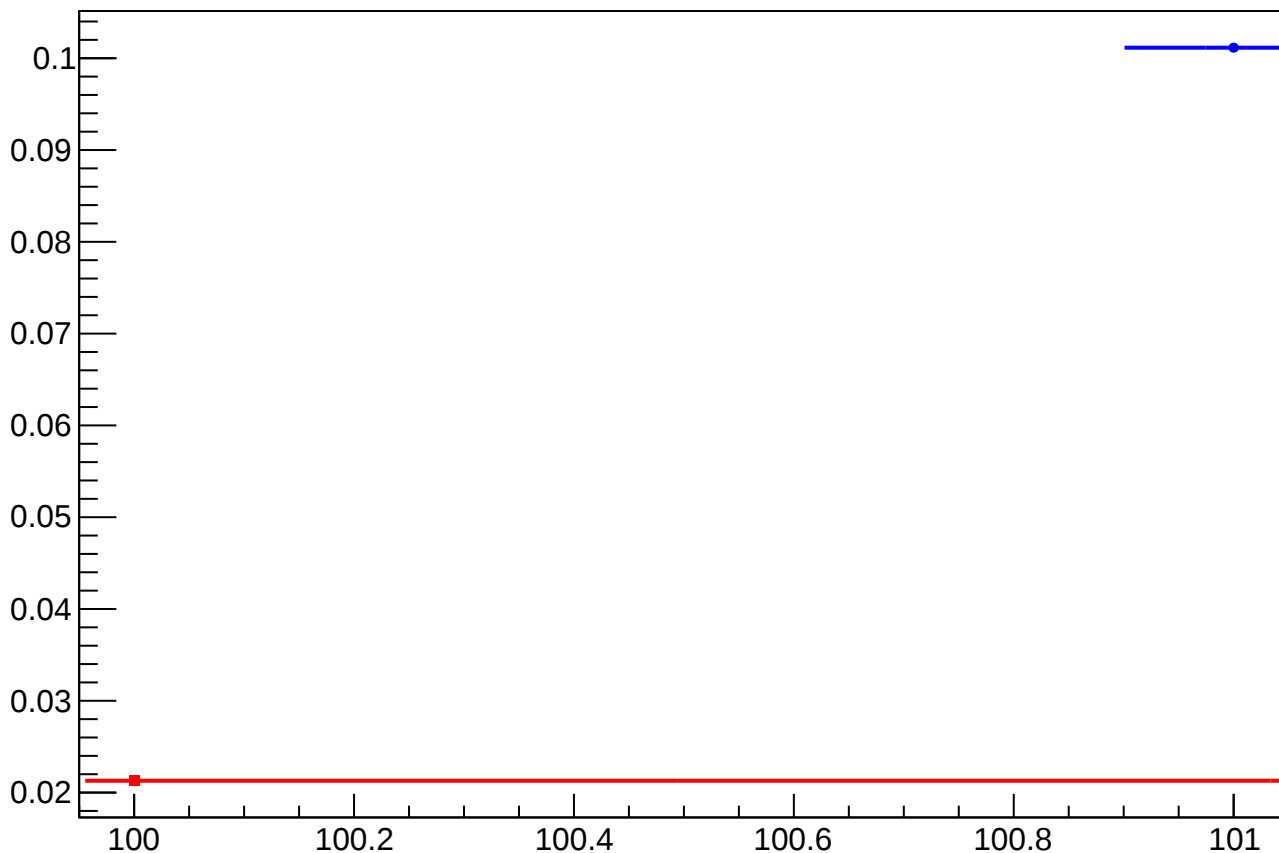
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 4584.7/1

0.005+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.101+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.021+/-0.000 χ^2 /NDF: 0.0/0

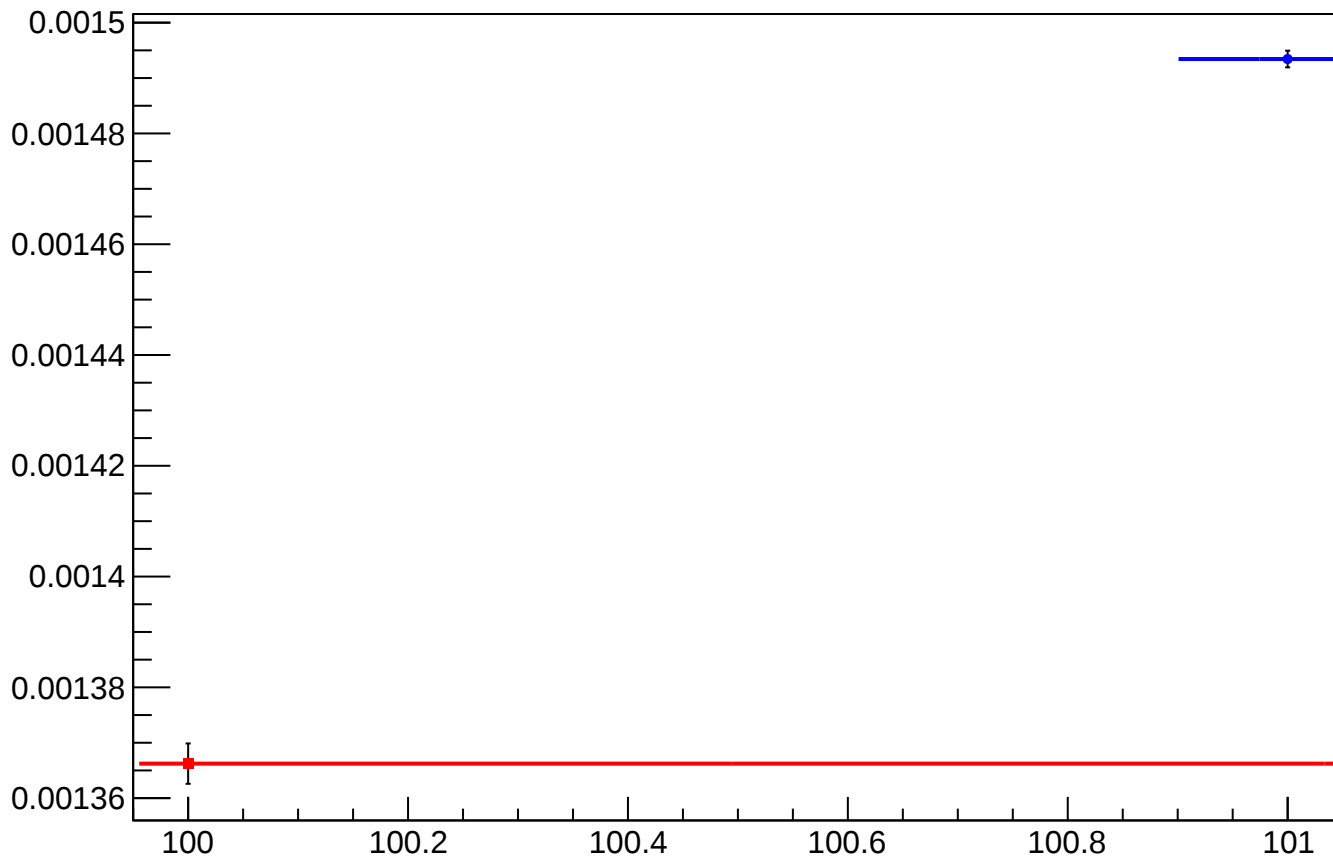
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

0.101+/-0.000 χ^2 /NDF: 0.0/0

0.089+/-0.000 χ^2 /NDF: 205280216.1/1

0.021+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 0.0/0

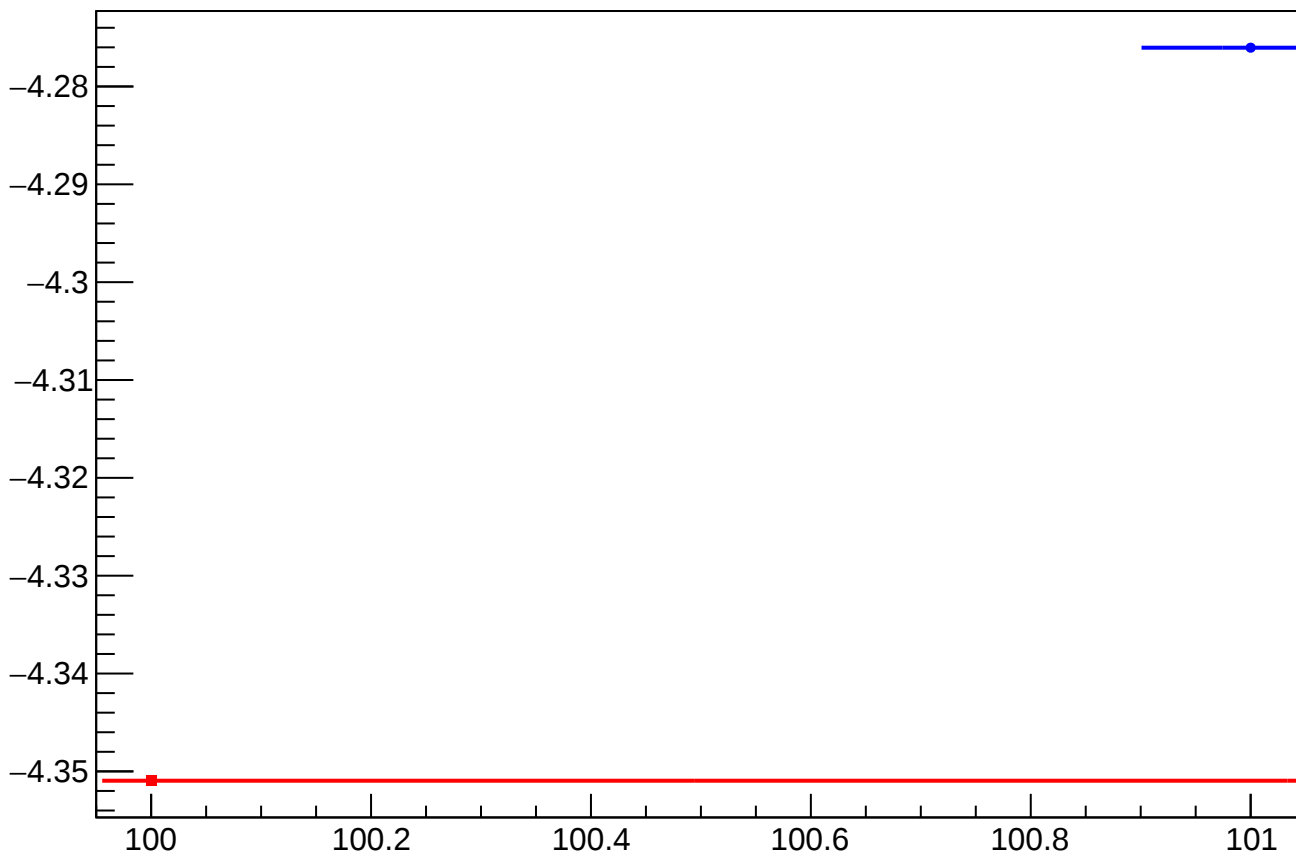
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.000 χ^2/NDF : 0.0/0

0.001+/-0.000 χ^2/NDF : 1041.7/1

0.001+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.276+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -4.351+/-0.000 χ^2 /NDF: 0.0/0

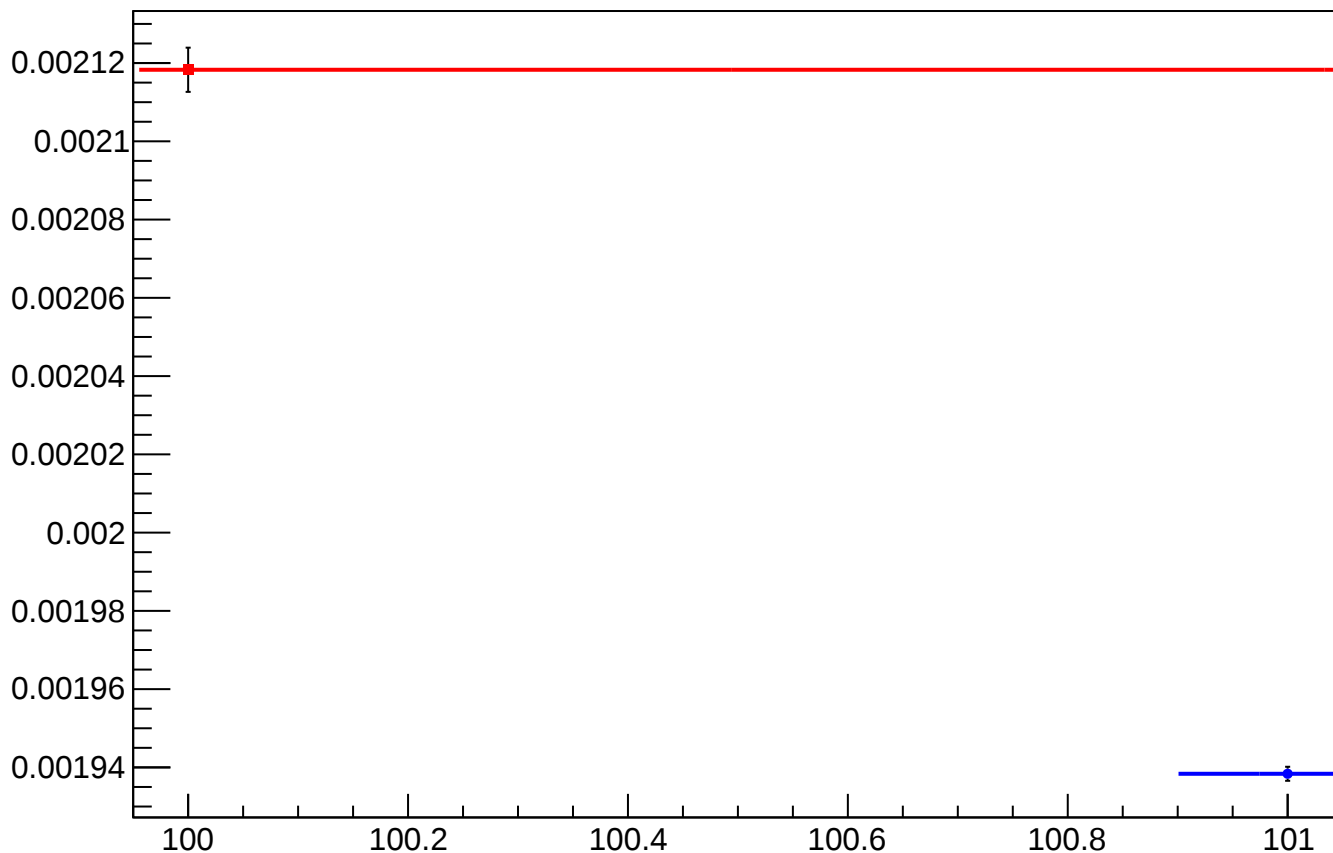
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-4.276+/-0.000 χ^2 /NDF: 0.0/0

-4.283+/-0.000 χ^2 /NDF: 79936090.5/1

-4.351+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 0.0/0

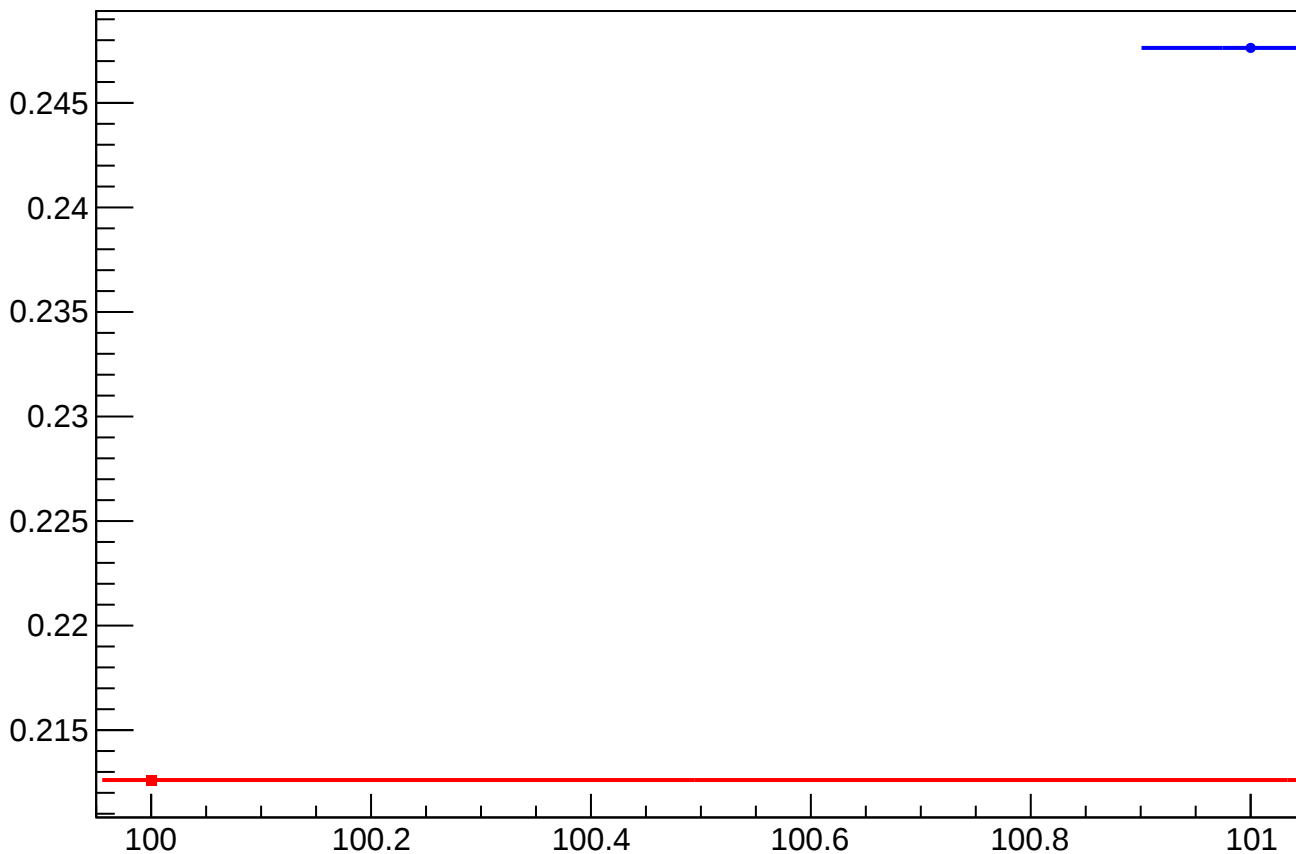
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 922.0/1

0.002+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.248+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.213+/-0.000 χ^2/NDF : 0.0/0

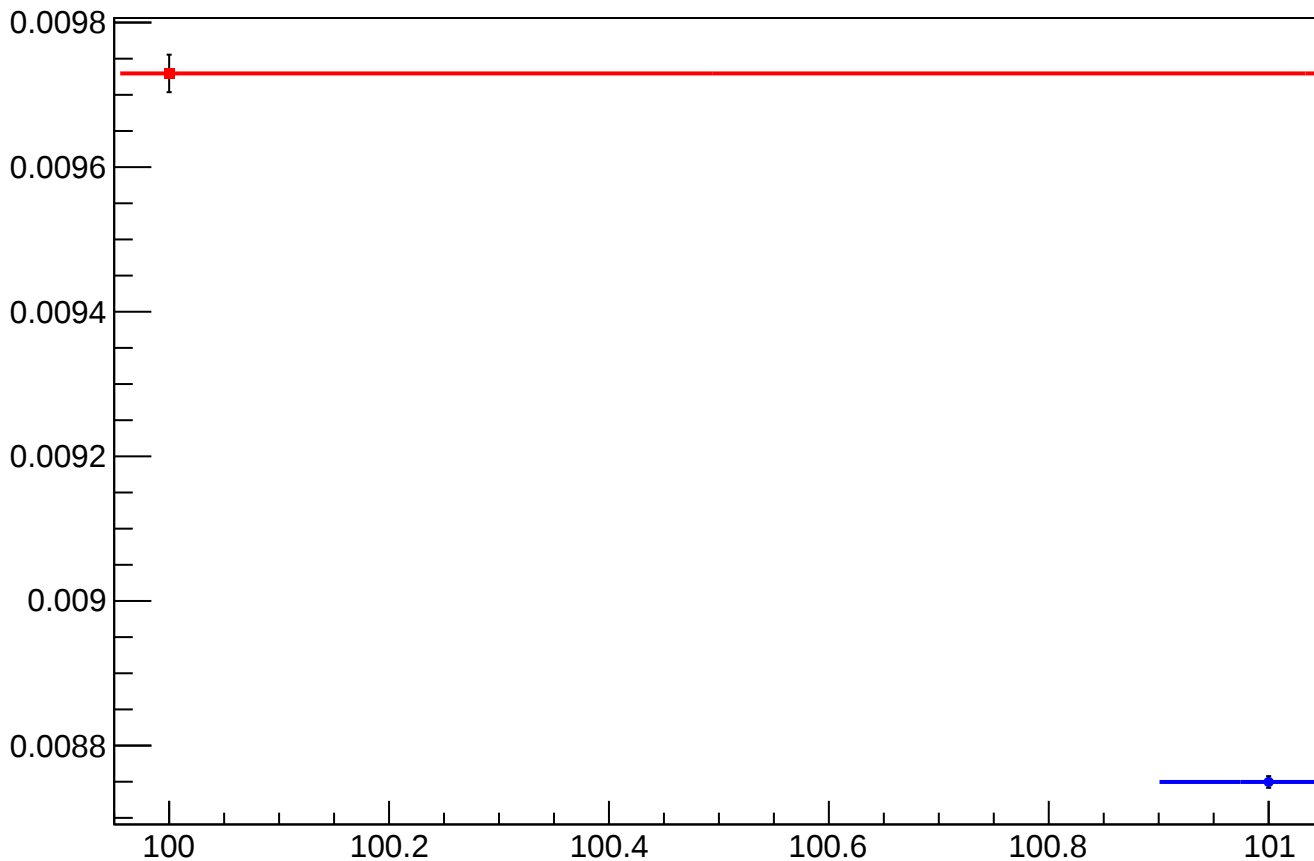
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.248+/-0.000 χ^2/NDF : 0.0/0

0.245+/-0.000 χ^2/NDF : 830903.9/1

0.213+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

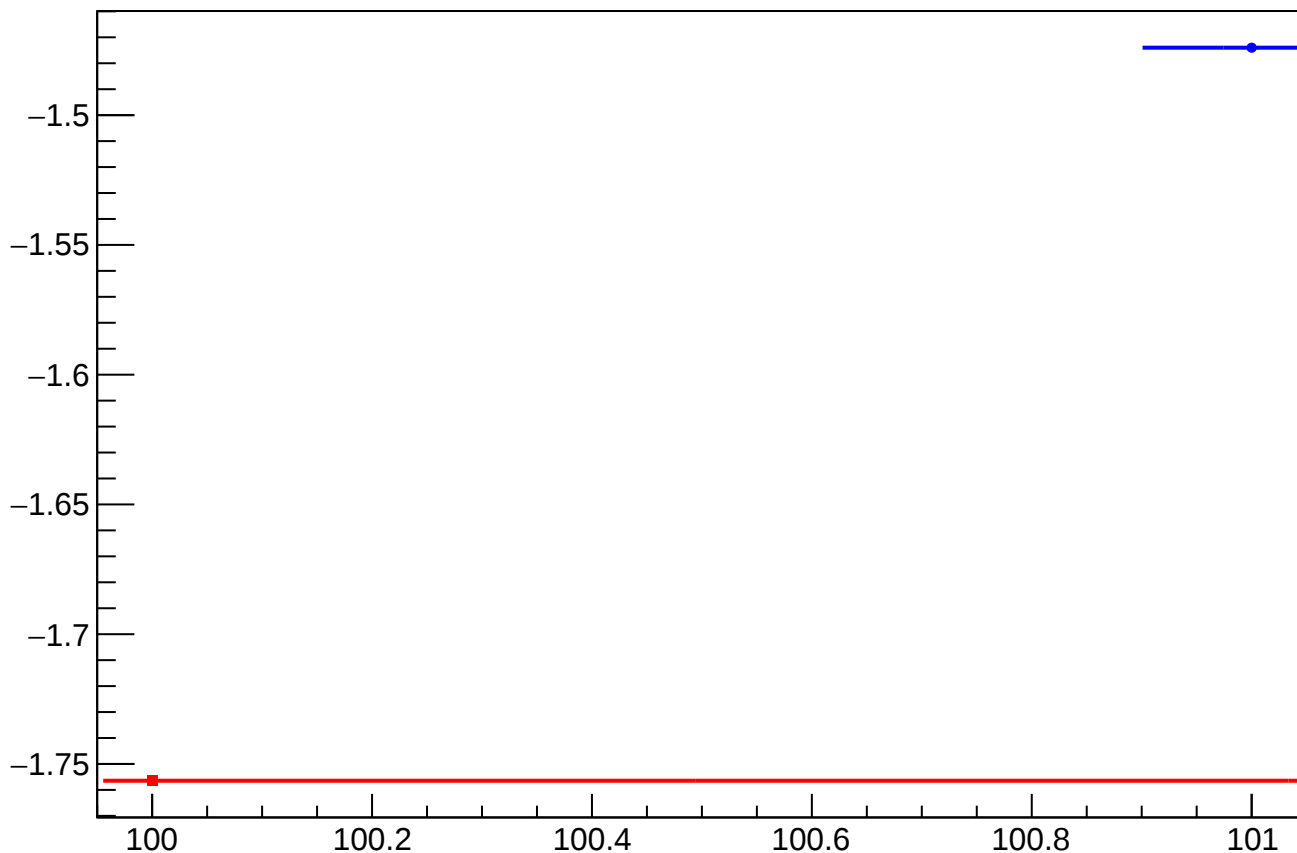
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 1301.3/1

0.010+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -1.474+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.756+/-0.000 χ^2/NDF : 0.0/0

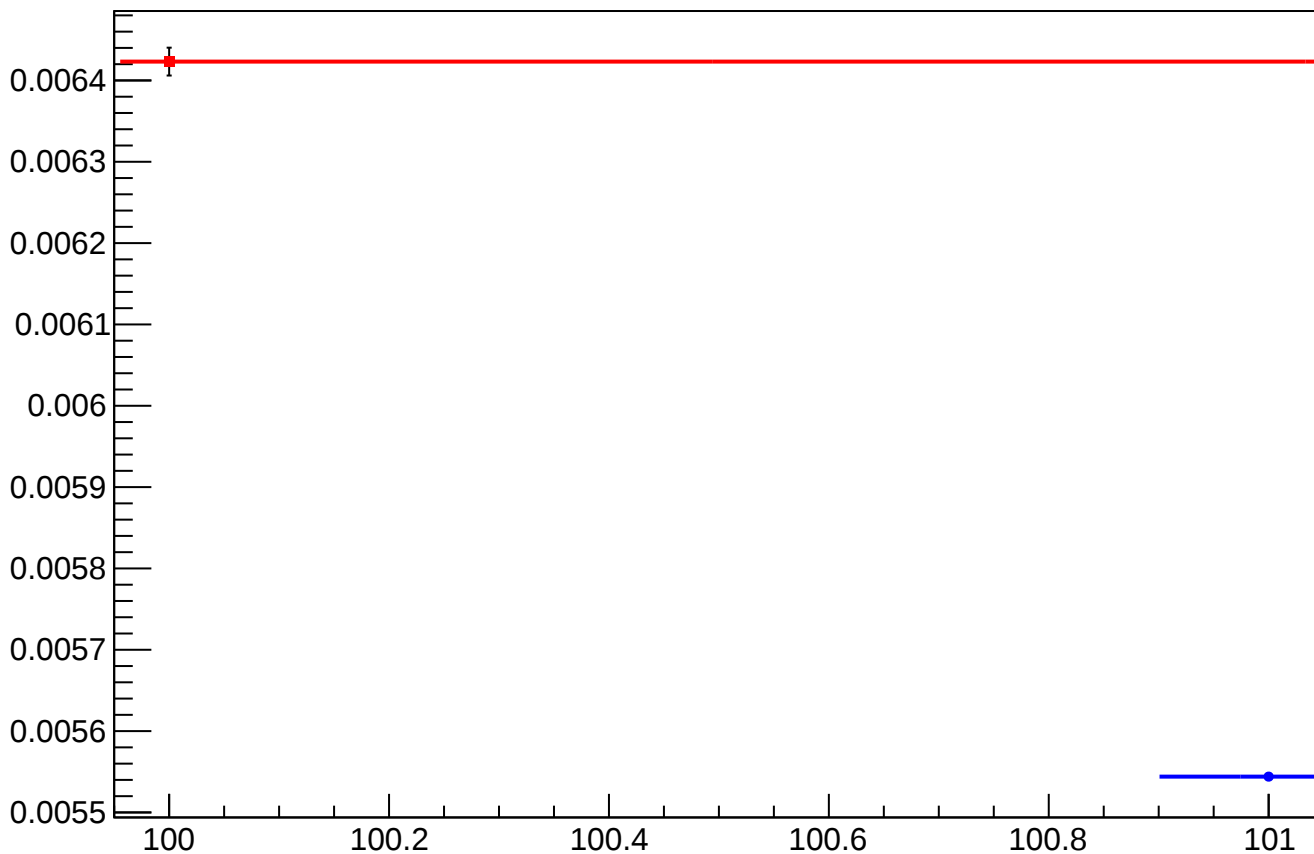
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.474+/-0.000 χ^2/NDF : 0.0/0

-1.497+/-0.000 χ^2/NDF : 124836926.6/1

-1.756+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

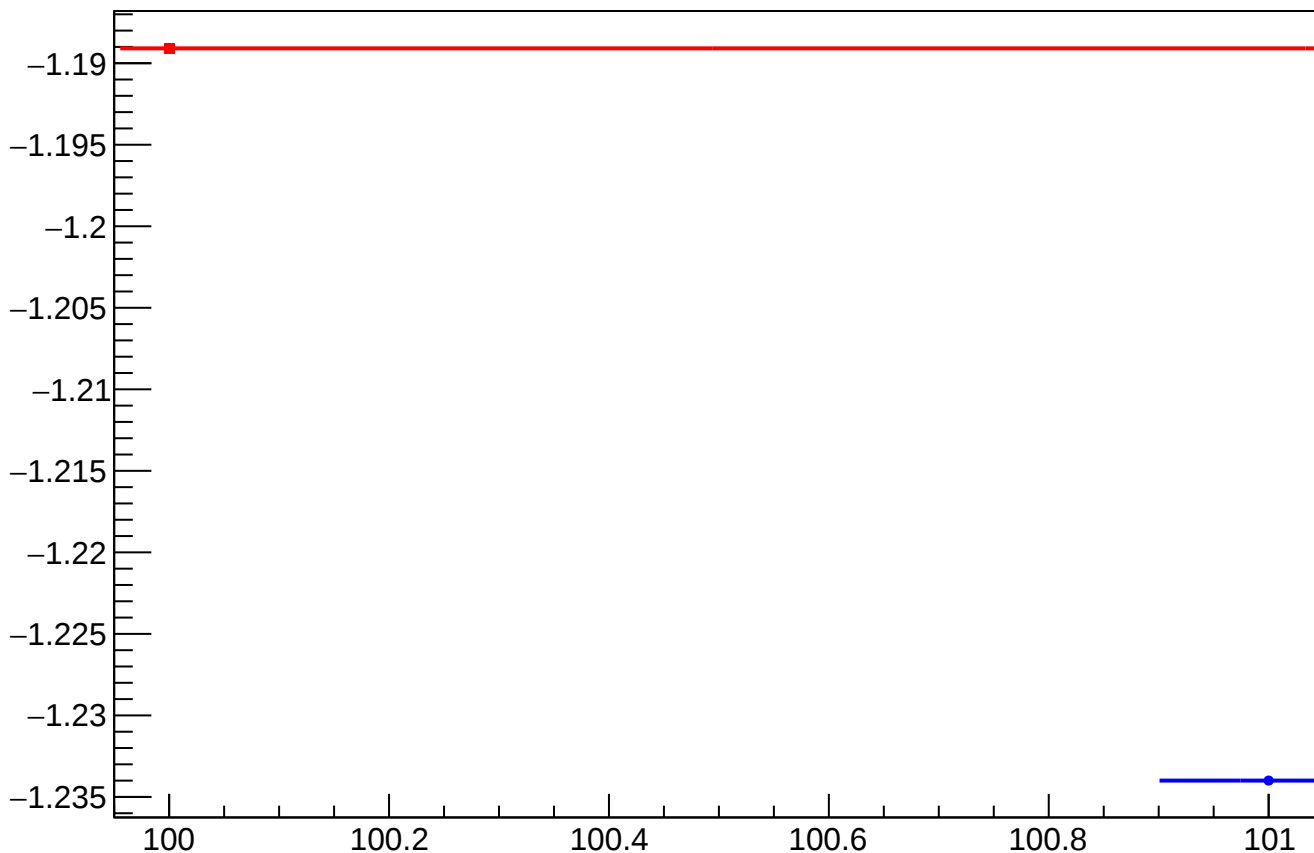
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 2418.6/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -1.234+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.189+/-0.000 χ^2 /NDF: 0.0/0

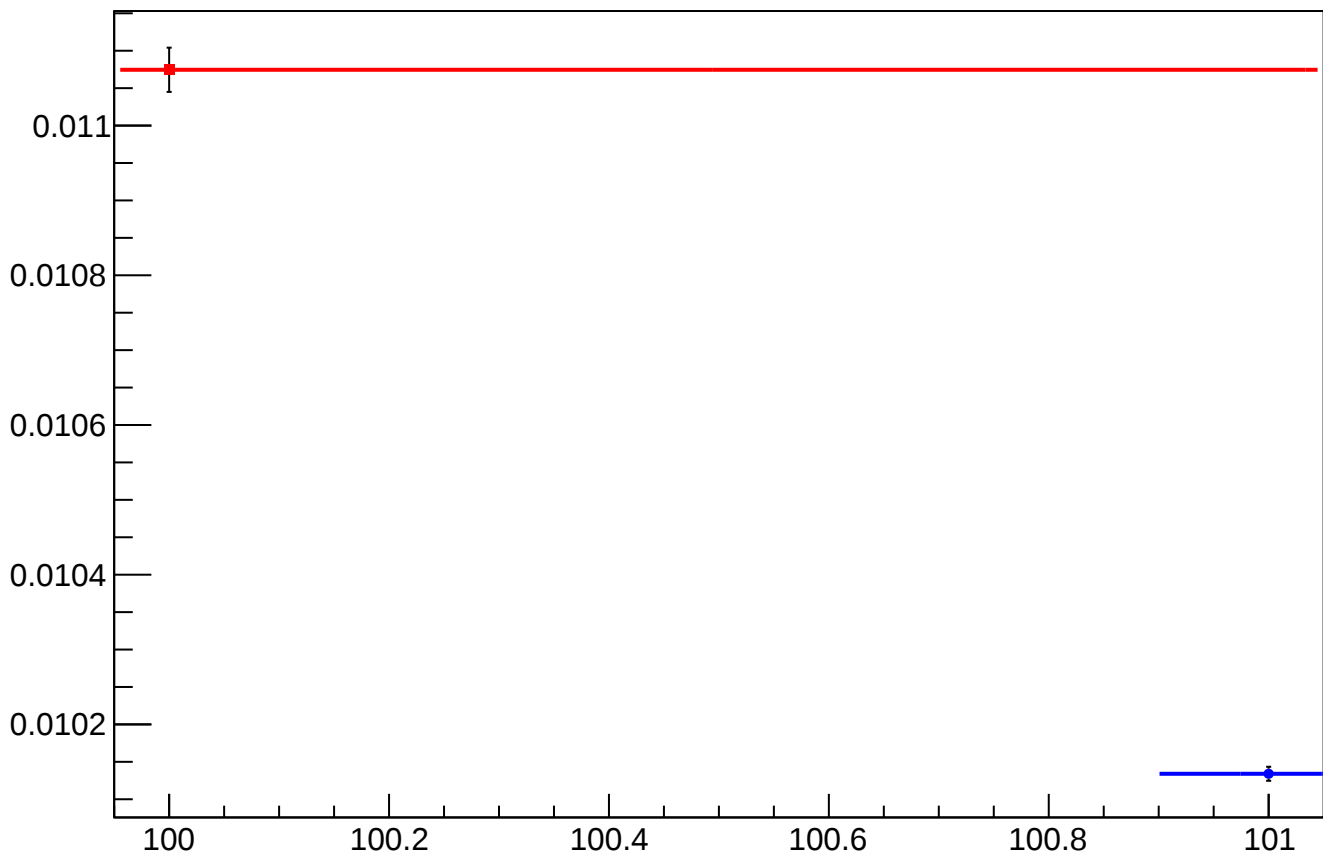
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

-1.234+/-0.000 χ^2 /NDF: 0.0/0

-1.230+/-0.000 χ^2 /NDF: 1049643.5/1

-1.189+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 0.0/0

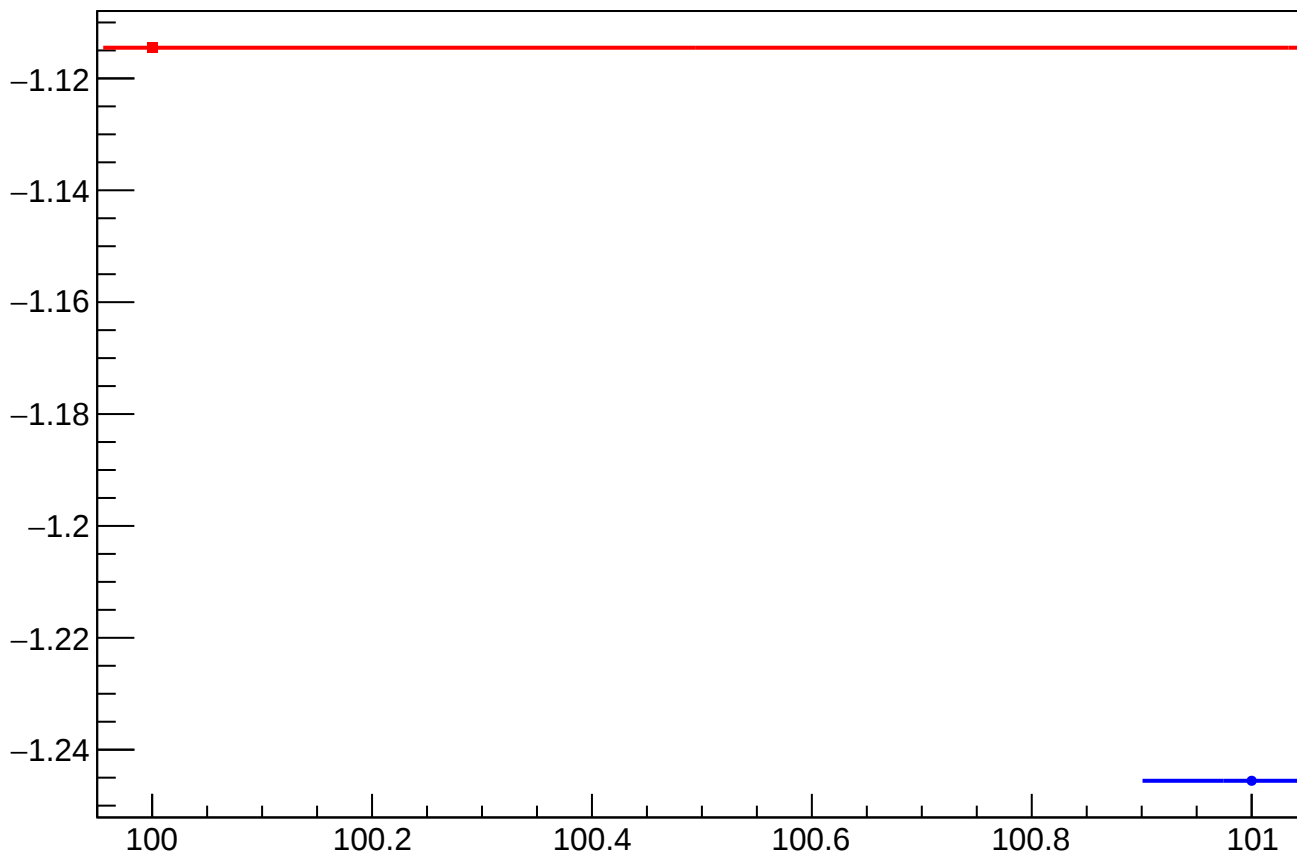
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 0.0/0

0.010+/-0.000 χ^2/NDF : 920.8/1

0.011+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.246+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.115+/-0.000 χ^2/NDF : 0.0/0

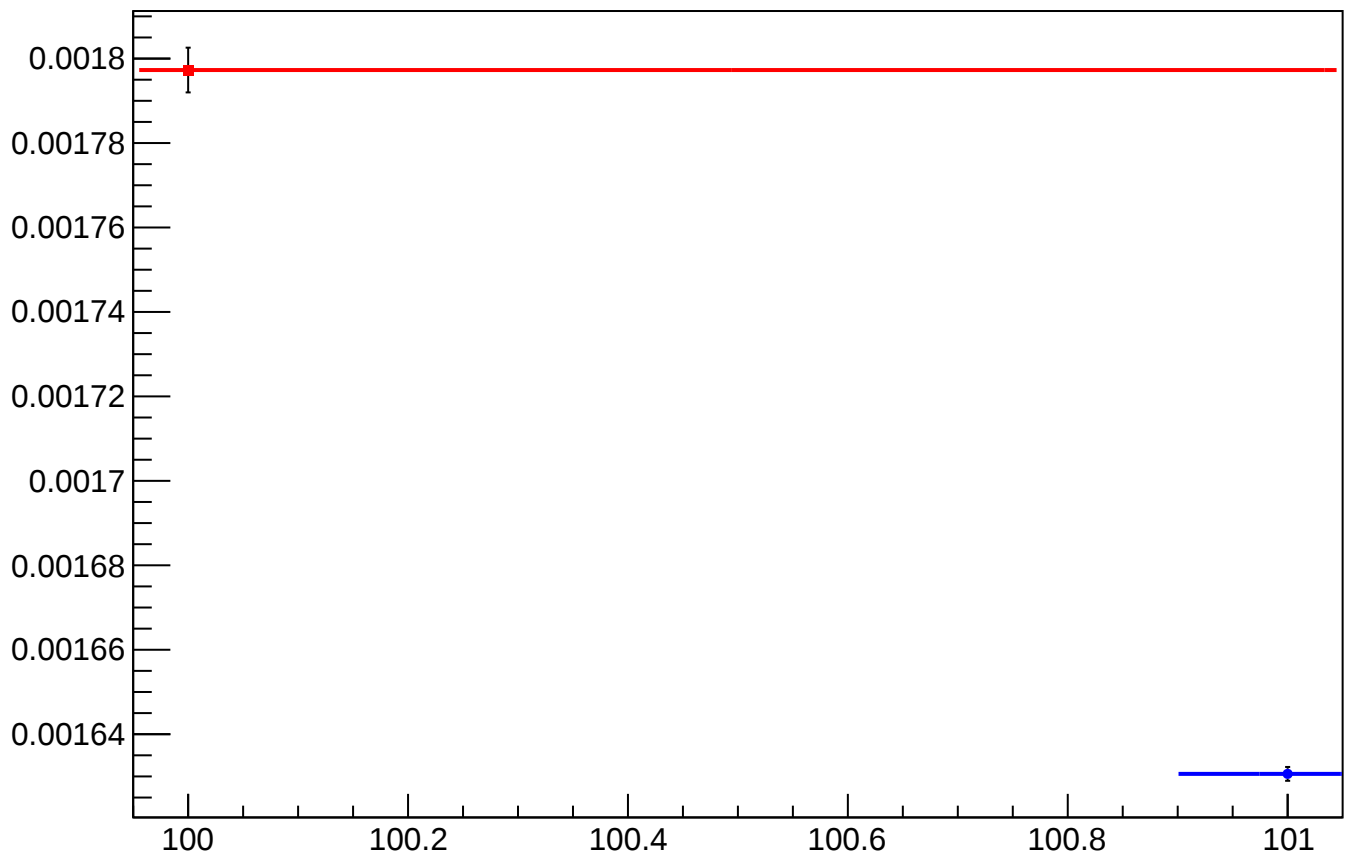
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.246+/-0.000 χ^2/NDF : 0.0/0

-1.234+/-0.000 χ^2/NDF : 279207470.7/1

-1.115+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 0.0/0

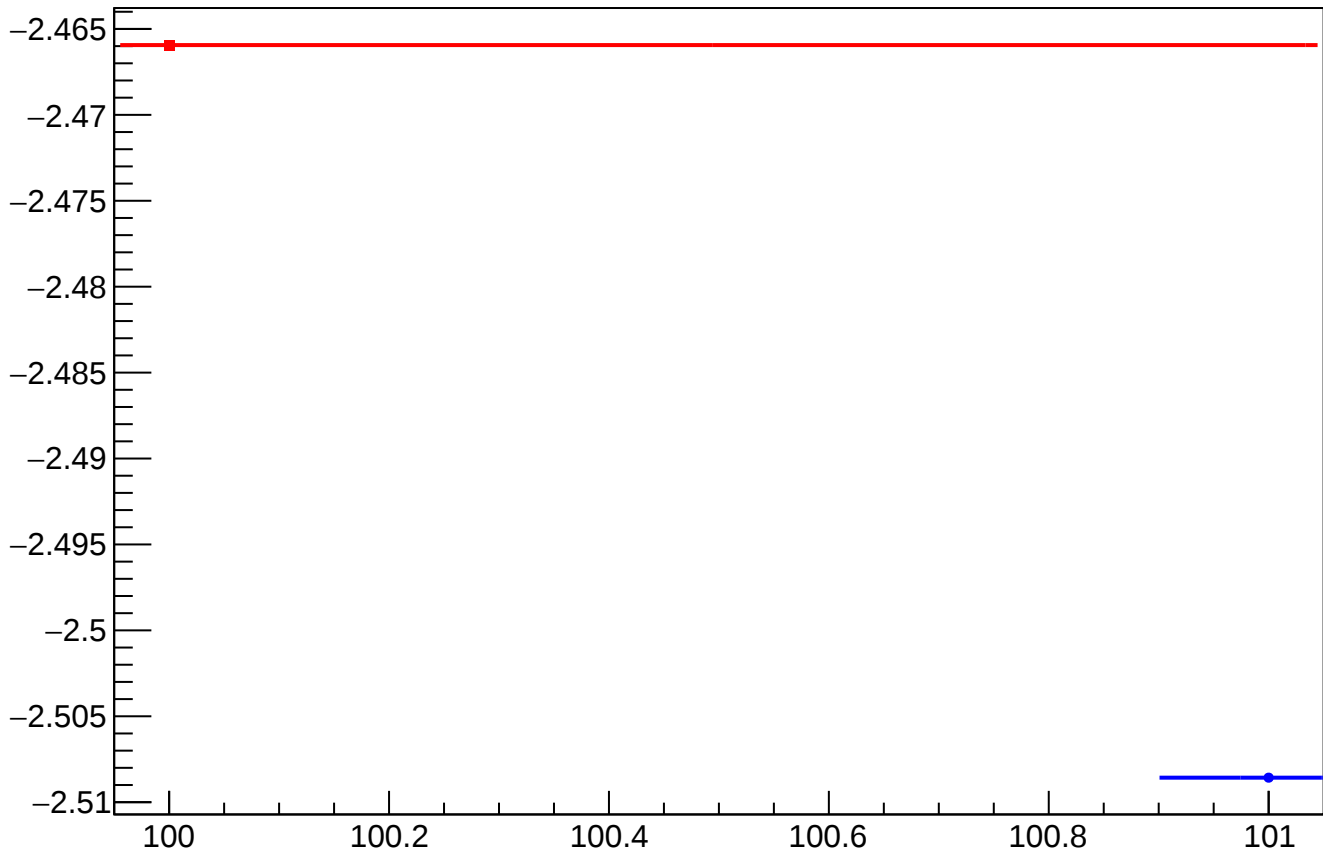
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 903.4/1

0.002+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.509+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.466+/-0.000 χ^2/NDF : 0.0/0

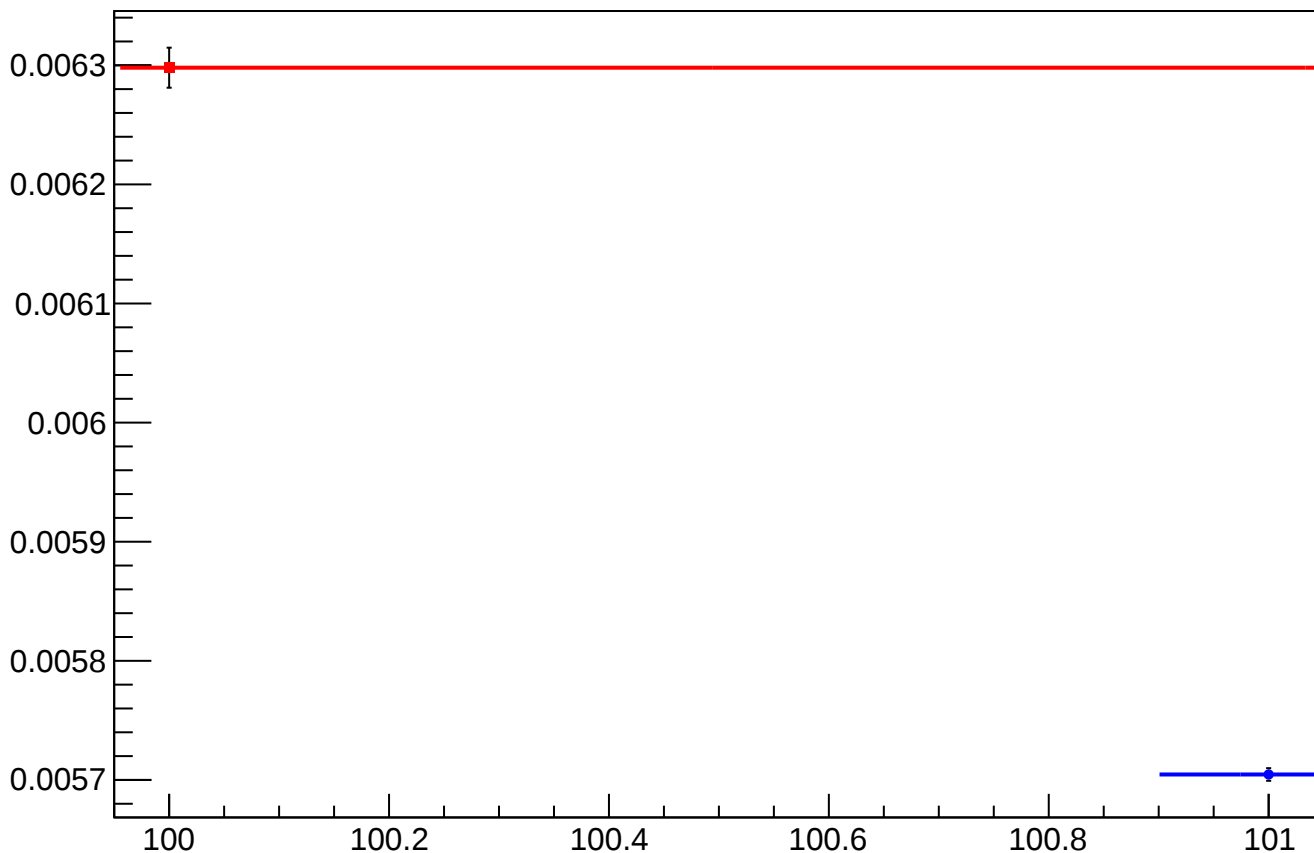
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.509+/-0.000 χ^2/NDF : 0.0/0

-2.505+/-0.000 χ^2/NDF : 2924875.2/1

-2.466+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

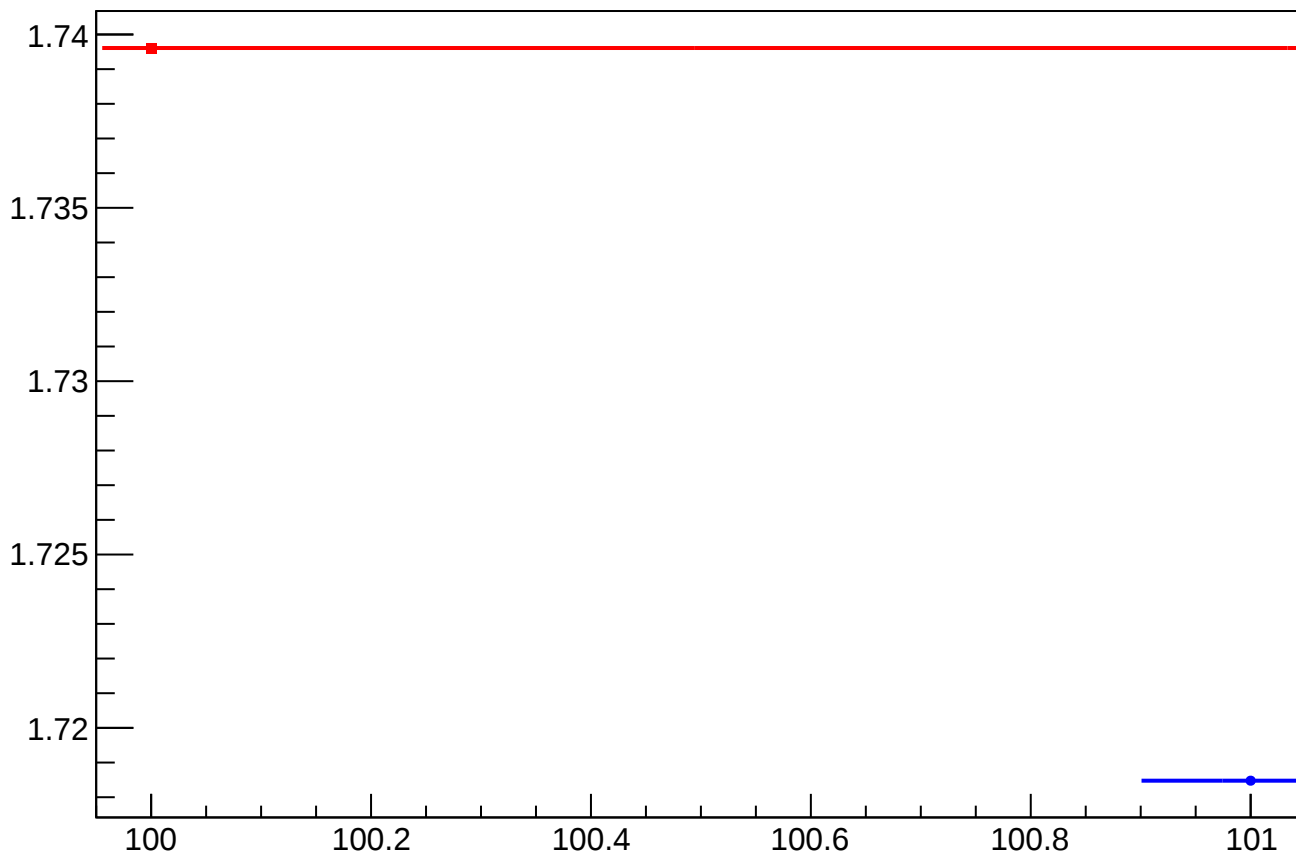
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 1133.3/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.718+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.740+/-0.000 χ^2/NDF : 0.0/0

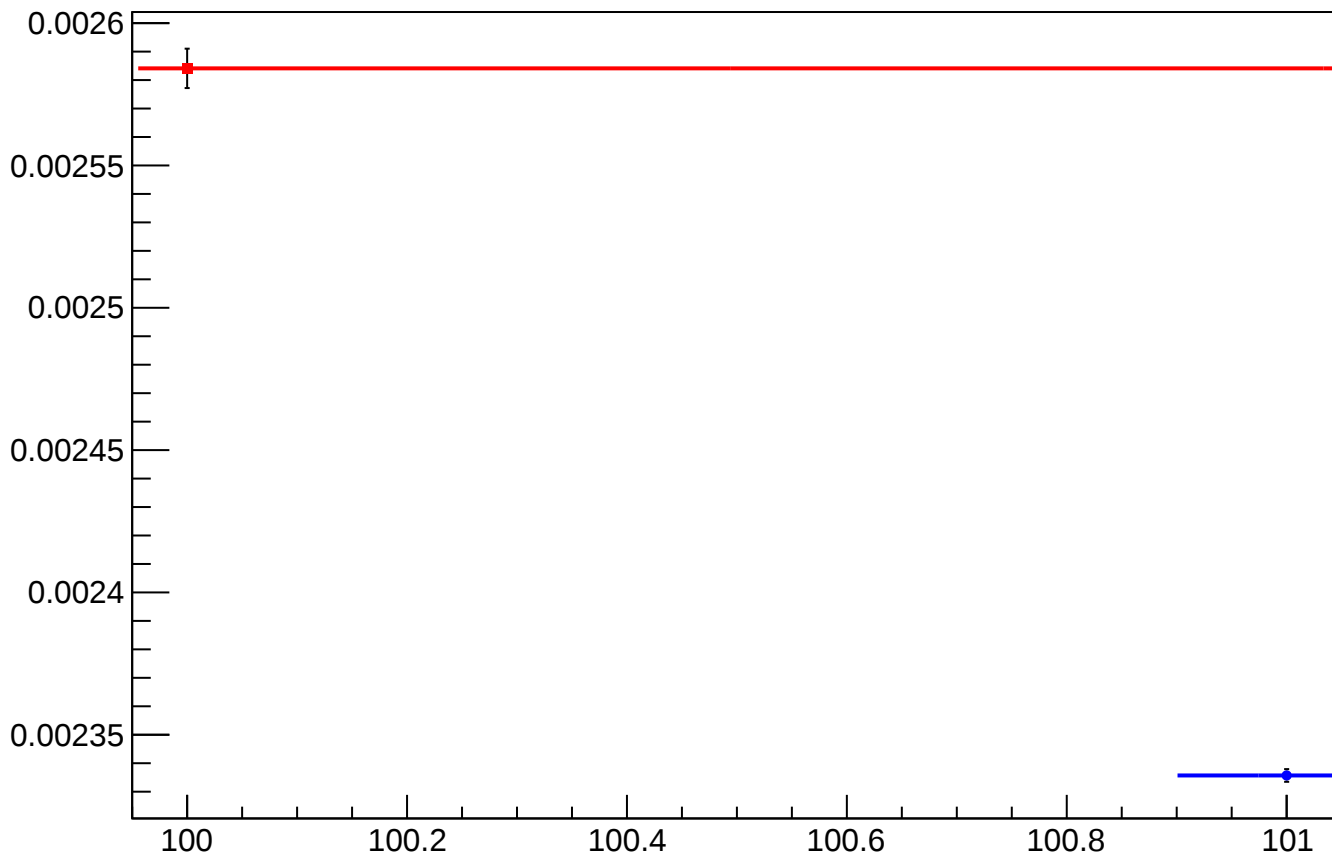
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.718+/-0.000 χ^2/NDF : 0.0/0

1.720+/-0.000 χ^2/NDF : 4226192.4/1

1.740+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

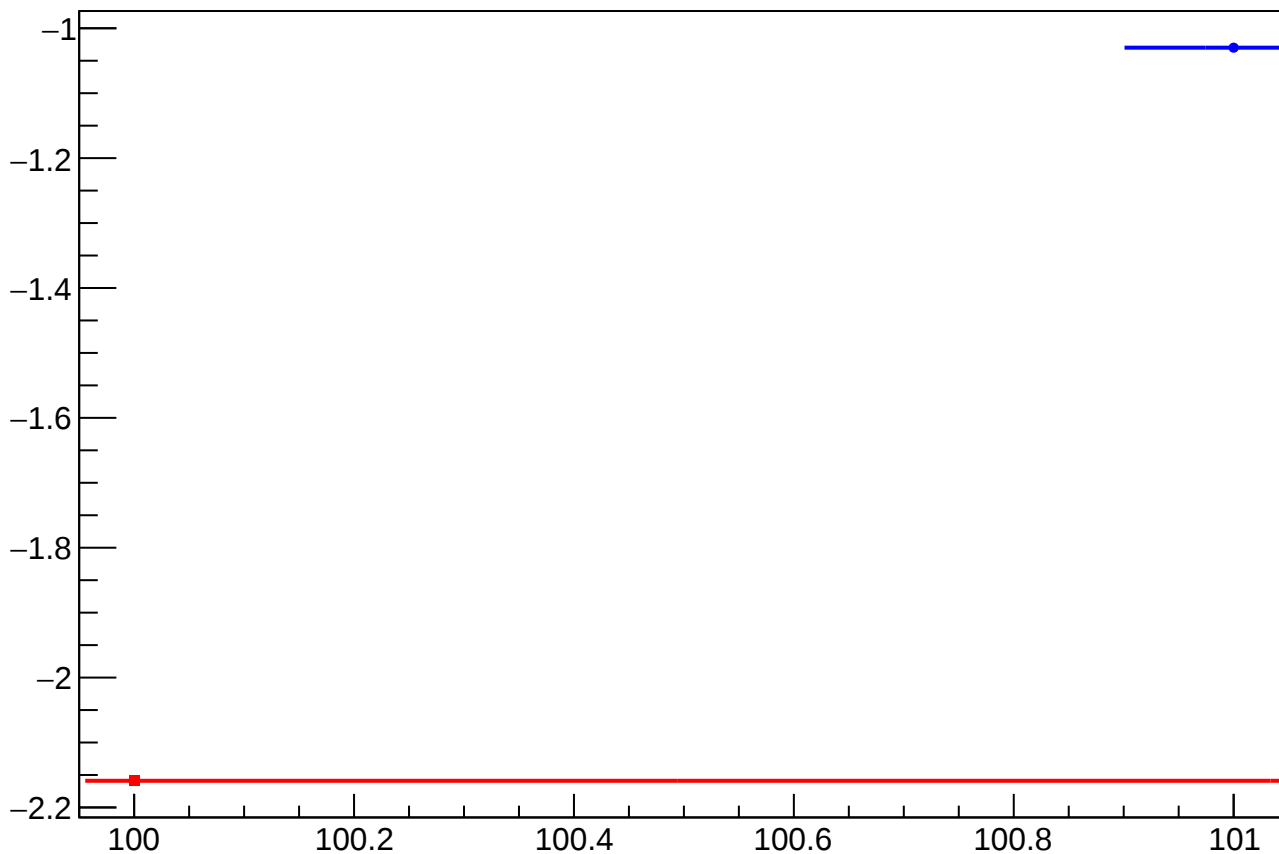
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 1167.9/1

0.003+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.030+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.159+/-0.000 χ^2/NDF : 0.0/0

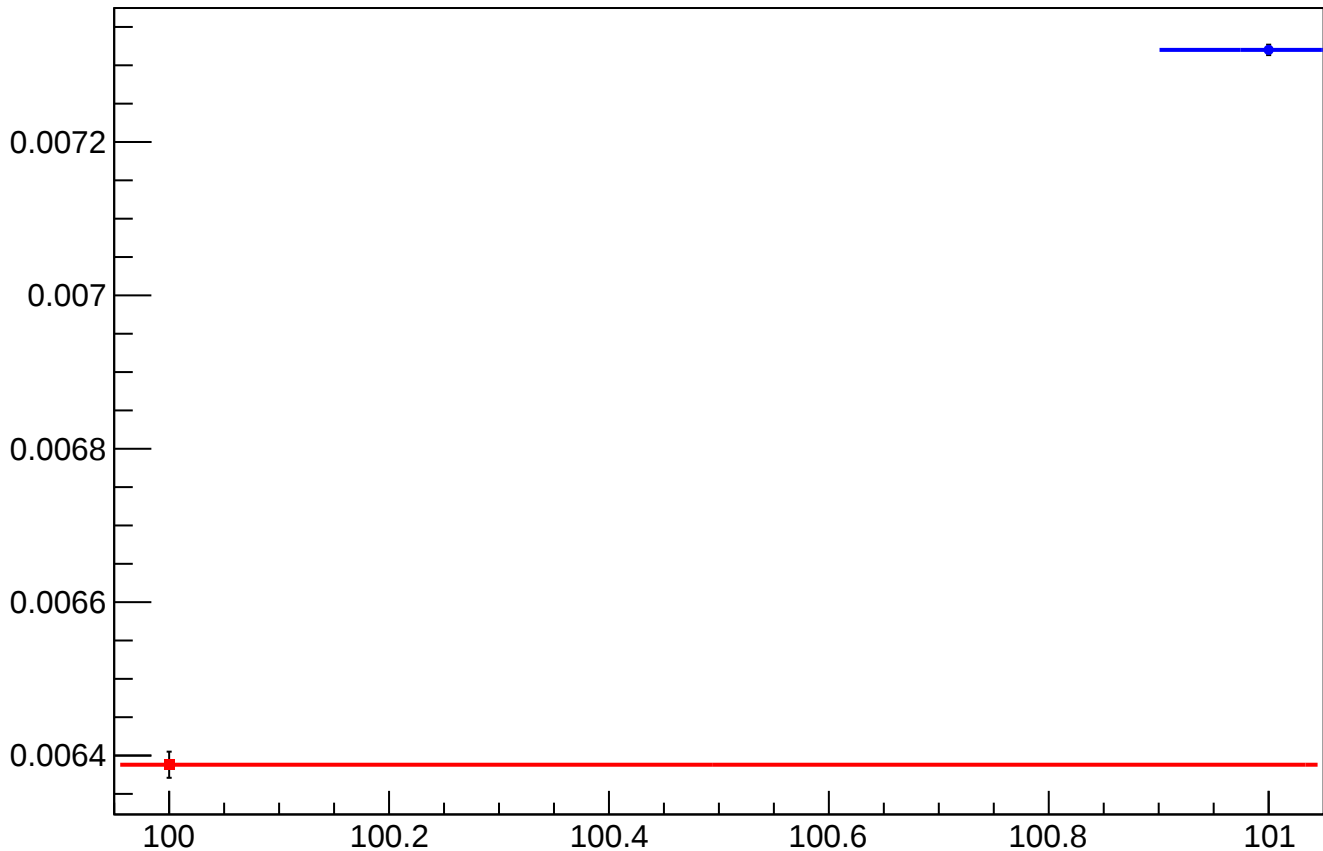
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.030+/-0.000 χ^2/NDF : 0.0/0

-1.185+/-0.000 χ^2/NDF : 1893602999.0/1

-2.159+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

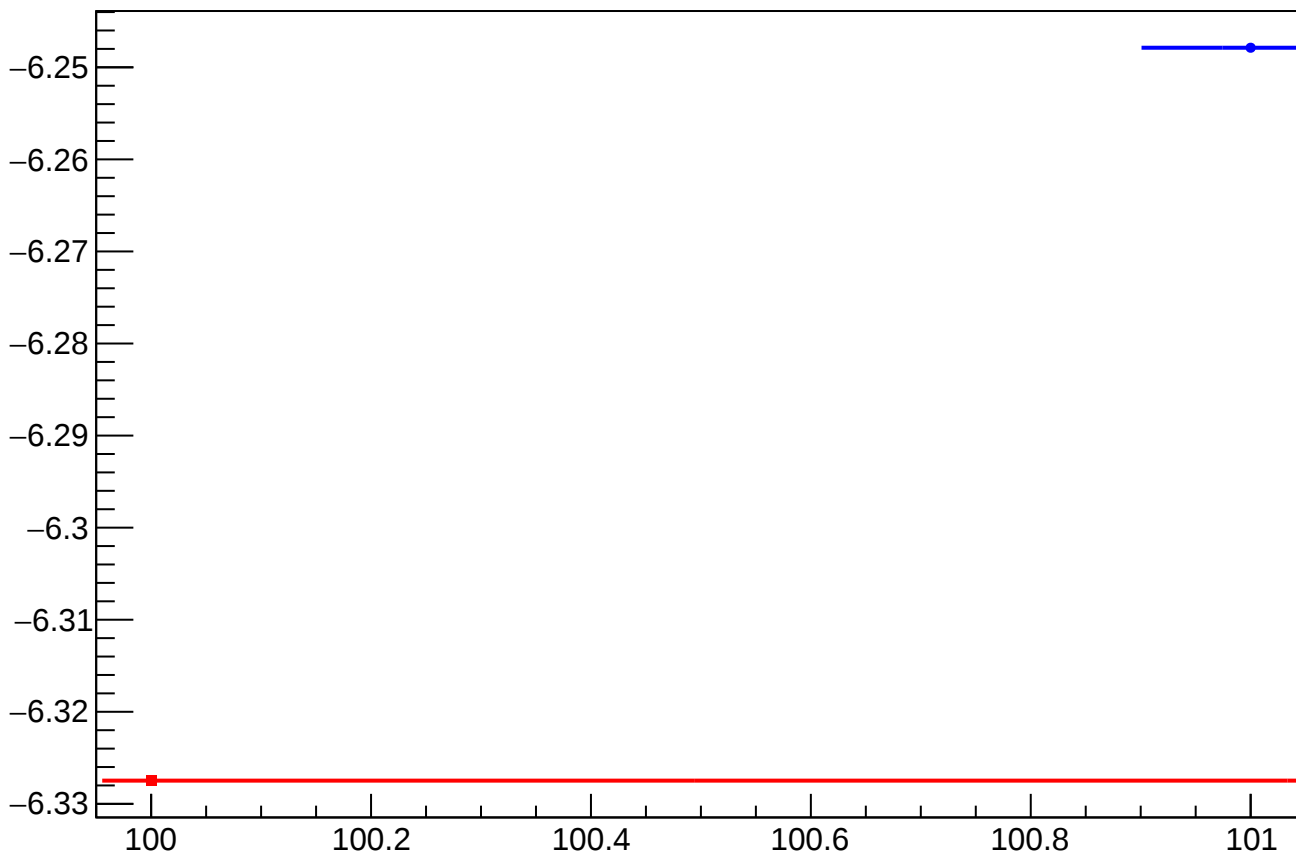
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 2581.1/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -6.248+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -6.327+/-0.000 χ^2 /NDF: 0.0/0

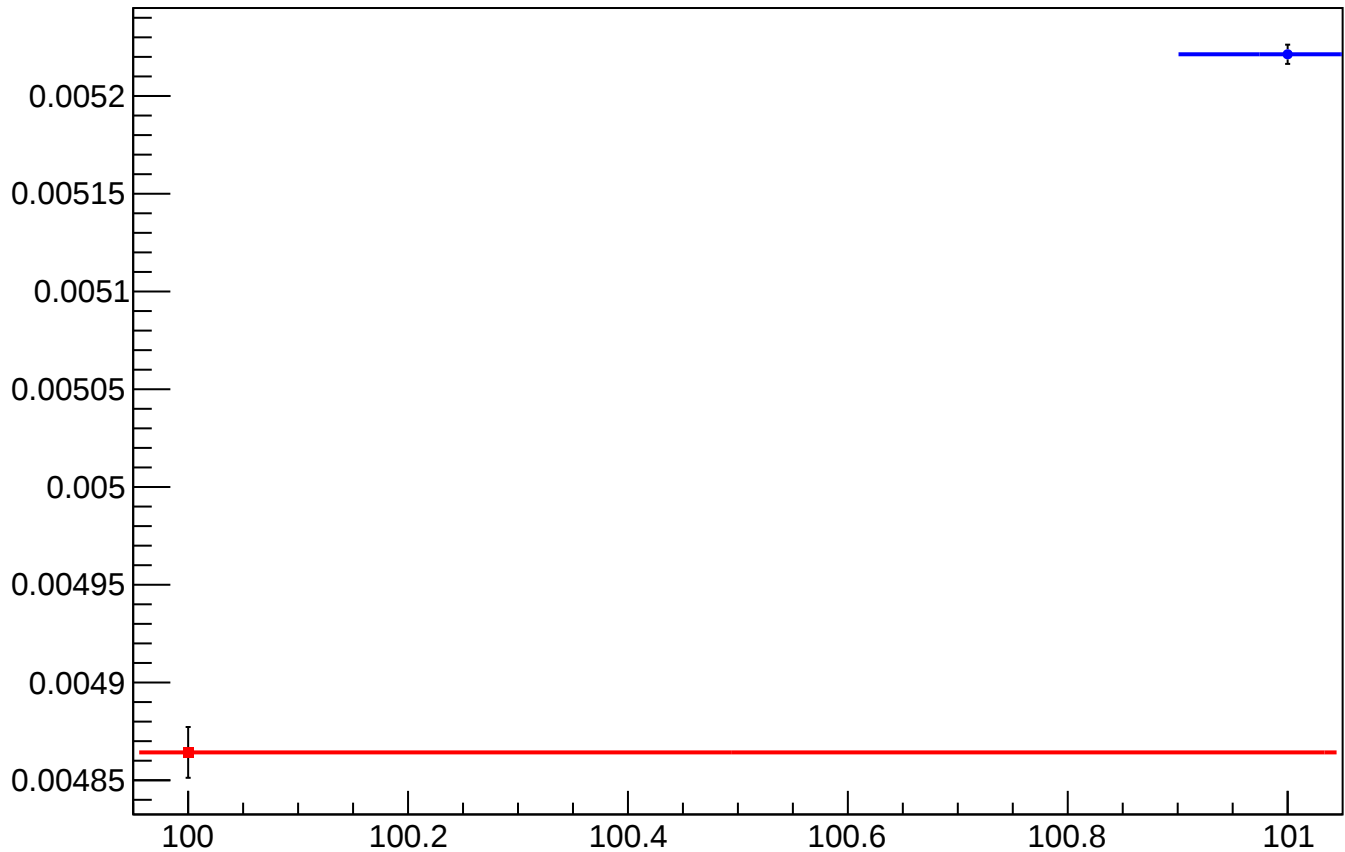
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.248+/-0.000 χ^2 /NDF: 0.0/0

-6.258+/-0.000 χ^2 /NDF: 16421451.2/1

-6.327+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 0.0/0

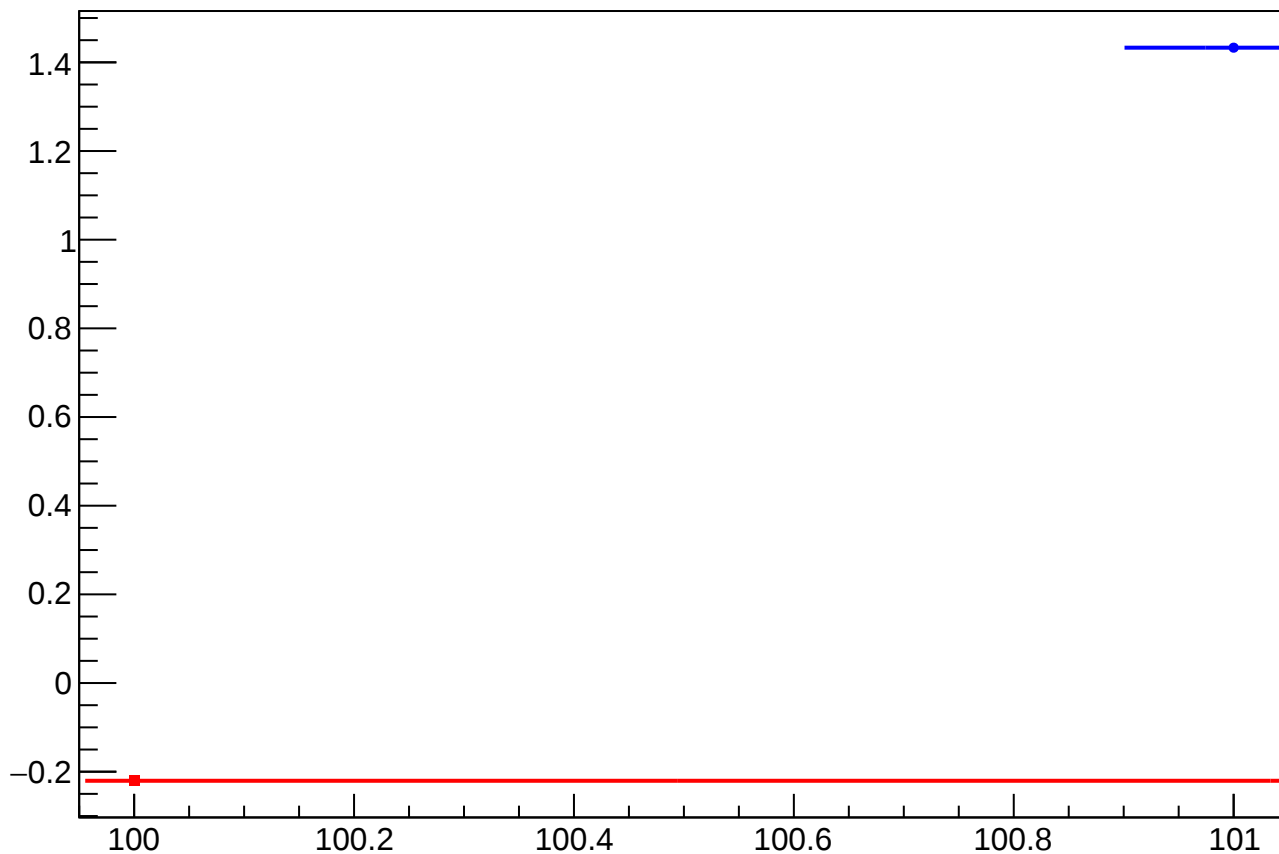
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 660.9/1

0.005+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 1.433+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.220+/-0.000 χ^2/NDF : 0.0/0

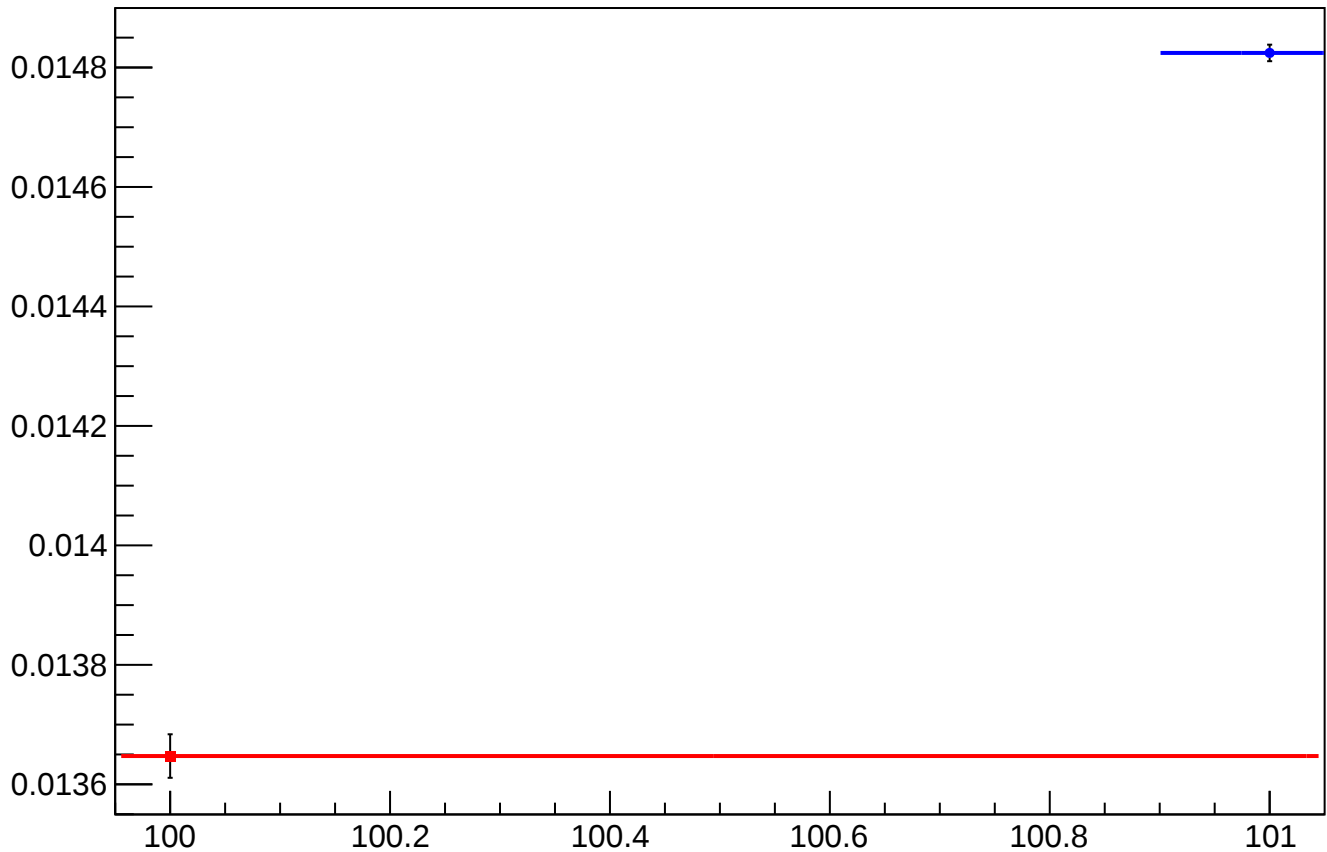
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.433+/-0.000 χ^2/NDF : 0.0/0

1.225+/-0.000 χ^2/NDF : 900425281.7/1

-0.220+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 0.0/0

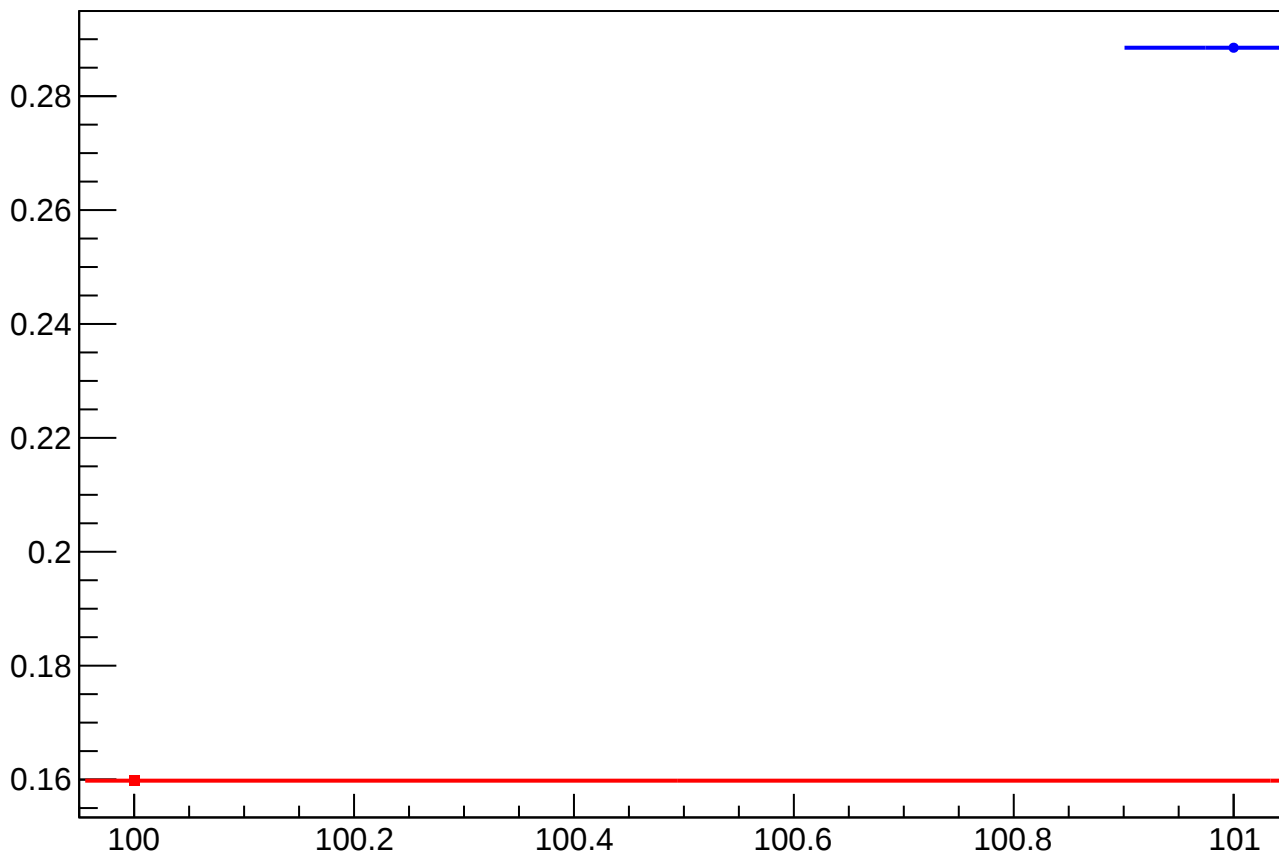
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 0.0/0

0.015+/-0.000 χ^2/NDF : 912.5/1

0.014+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.289+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.160+/-0.000 χ^2/NDF : 0.0/0

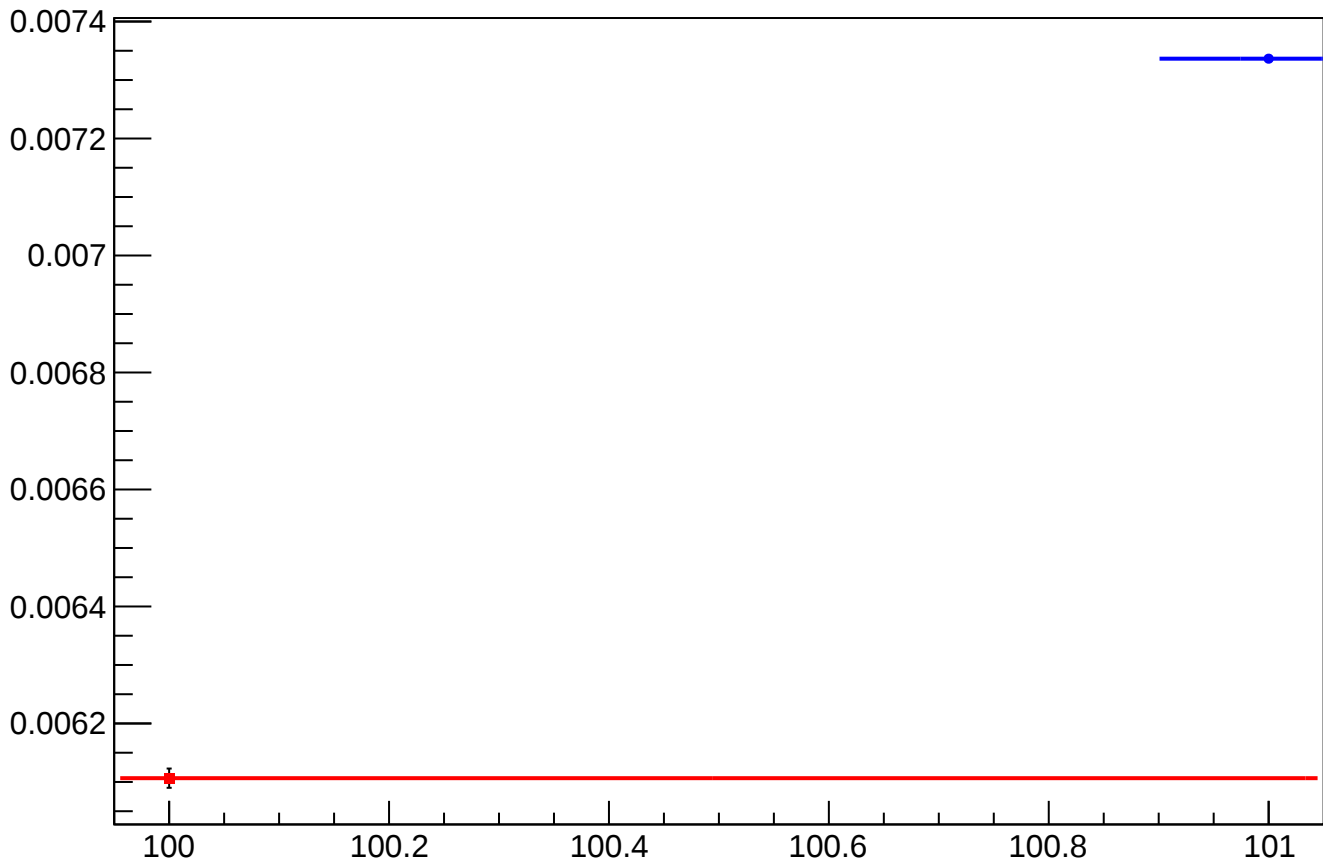
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.289+/-0.000 χ^2/NDF : 0.0/0

0.269+/-0.000 χ^2/NDF : 26071211.5/1

0.160+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

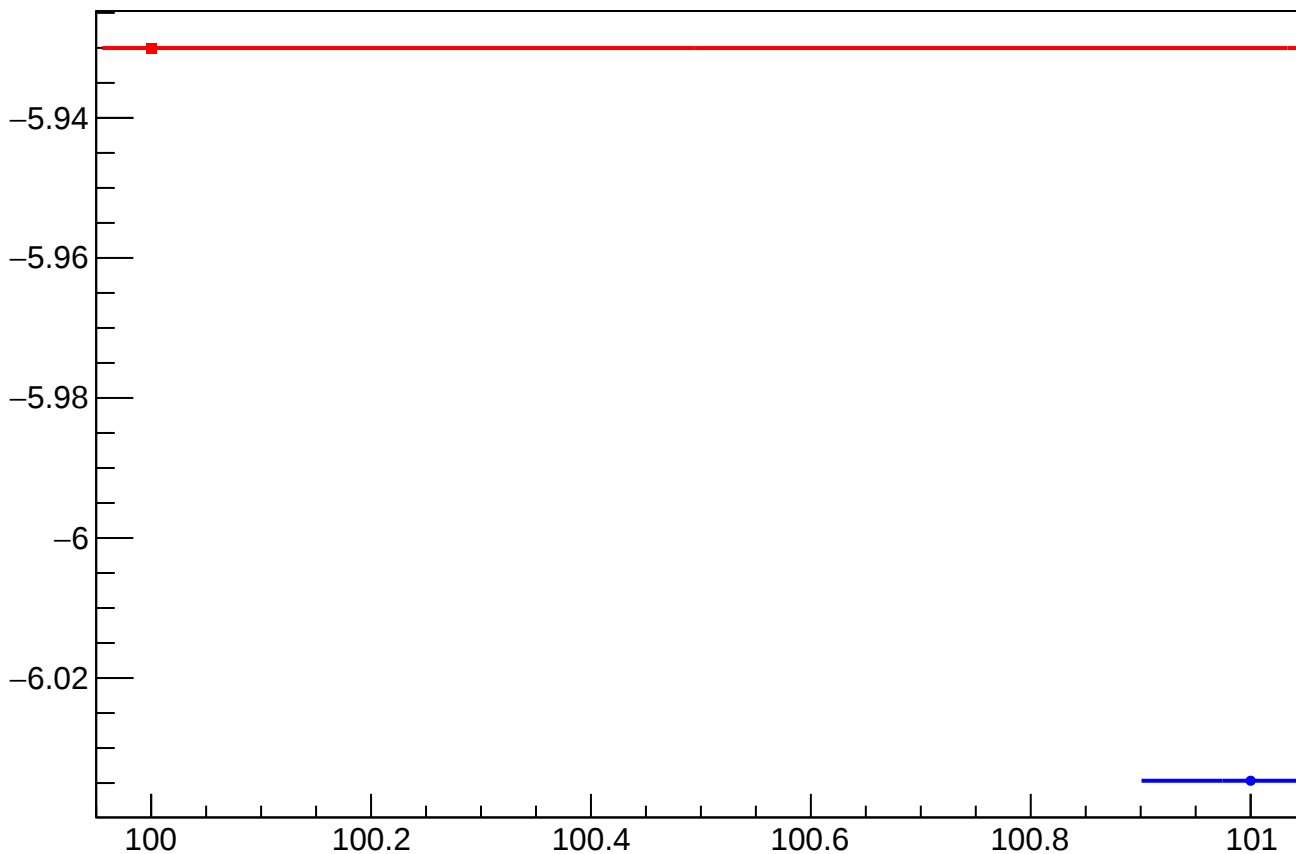
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 0.0/0

0.007+/-0.000 χ^2/NDF : 4762.7/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -6.035+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -5.930+/-0.000 χ^2 /NDF: 0.0/0

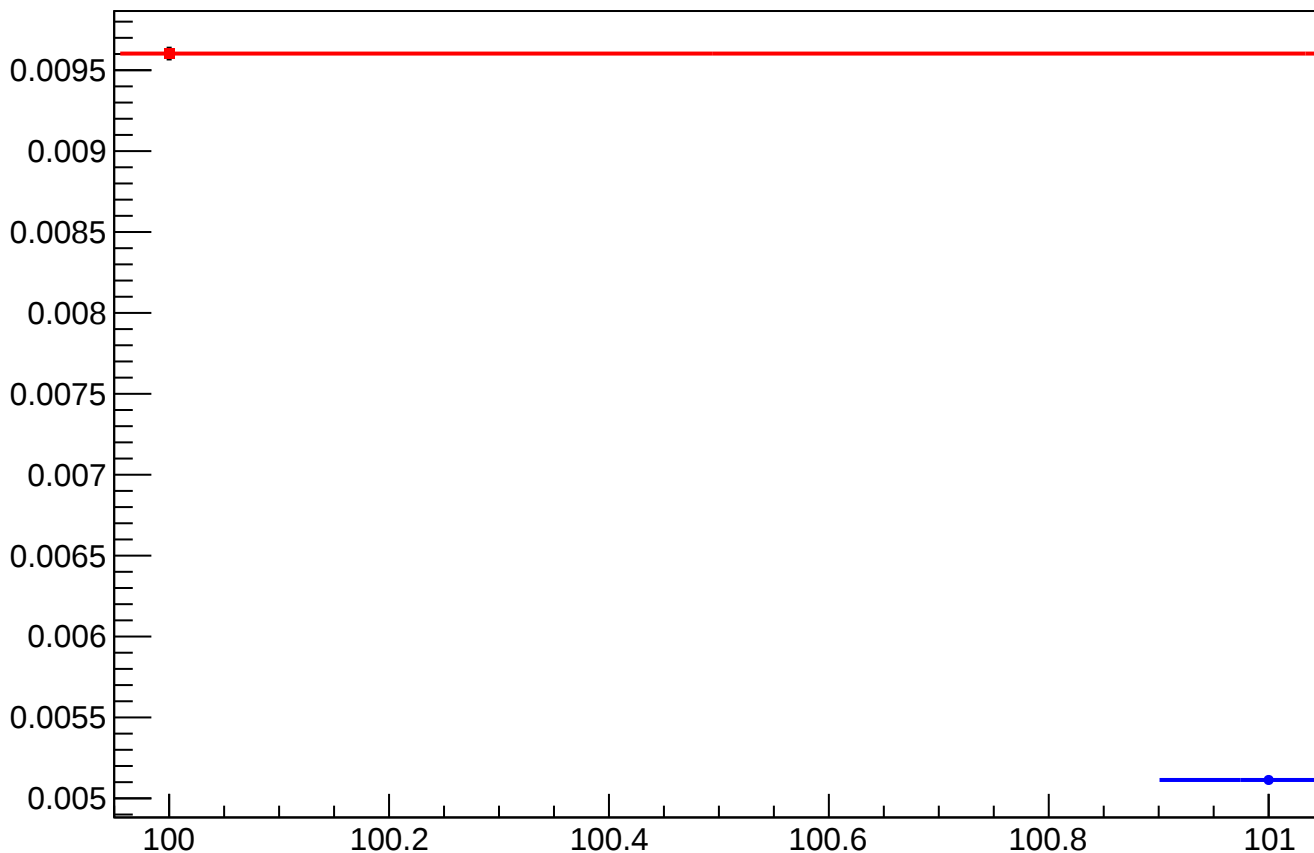
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-6.035+/-0.000 χ^2 /NDF: 0.0/0

-6.033+/-0.000 χ^2 /NDF: 4038800.3/1

-5.930+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

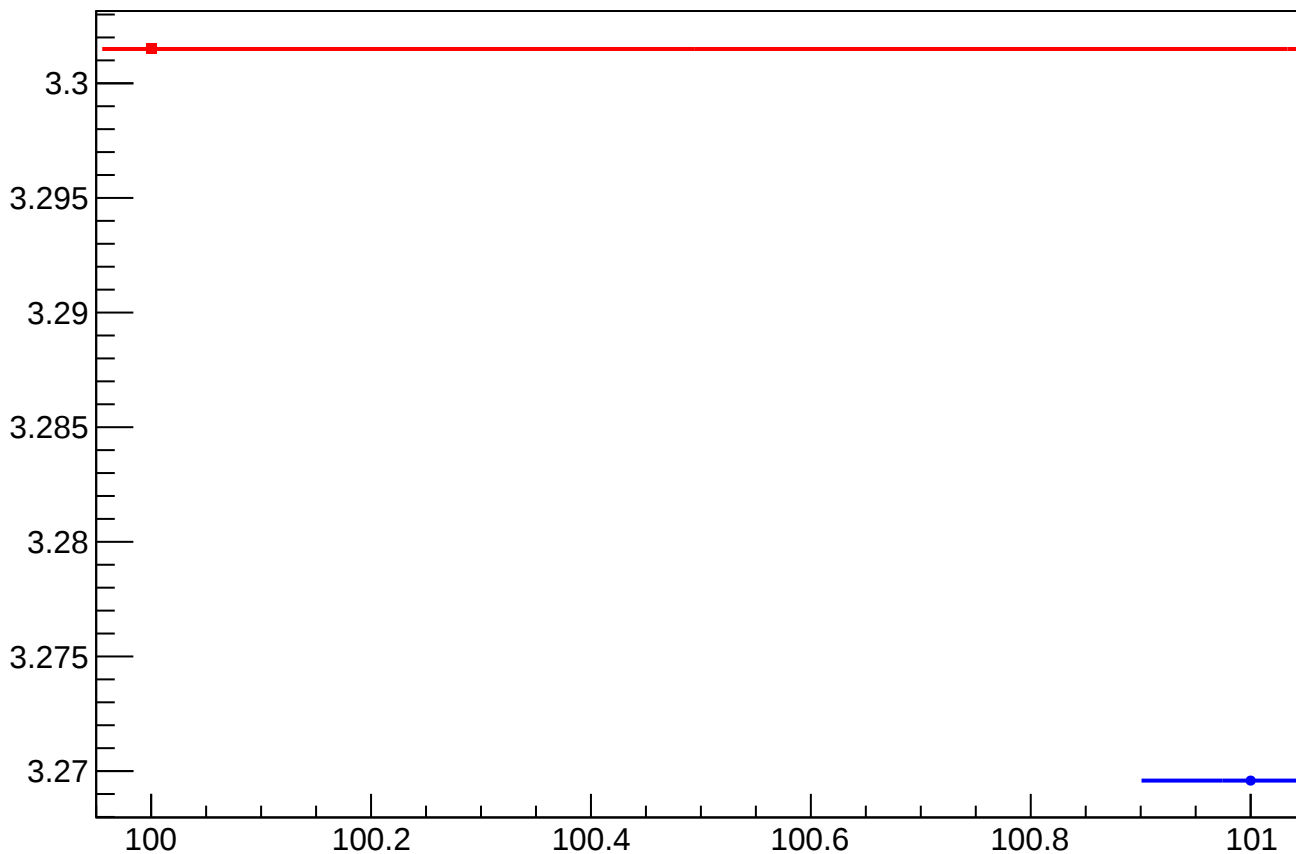
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 0.0/0

0.005+/-0.000 χ^2/NDF : 14863.9/1

0.010+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.270+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.301+/-0.000 χ^2/NDF : 0.0/0

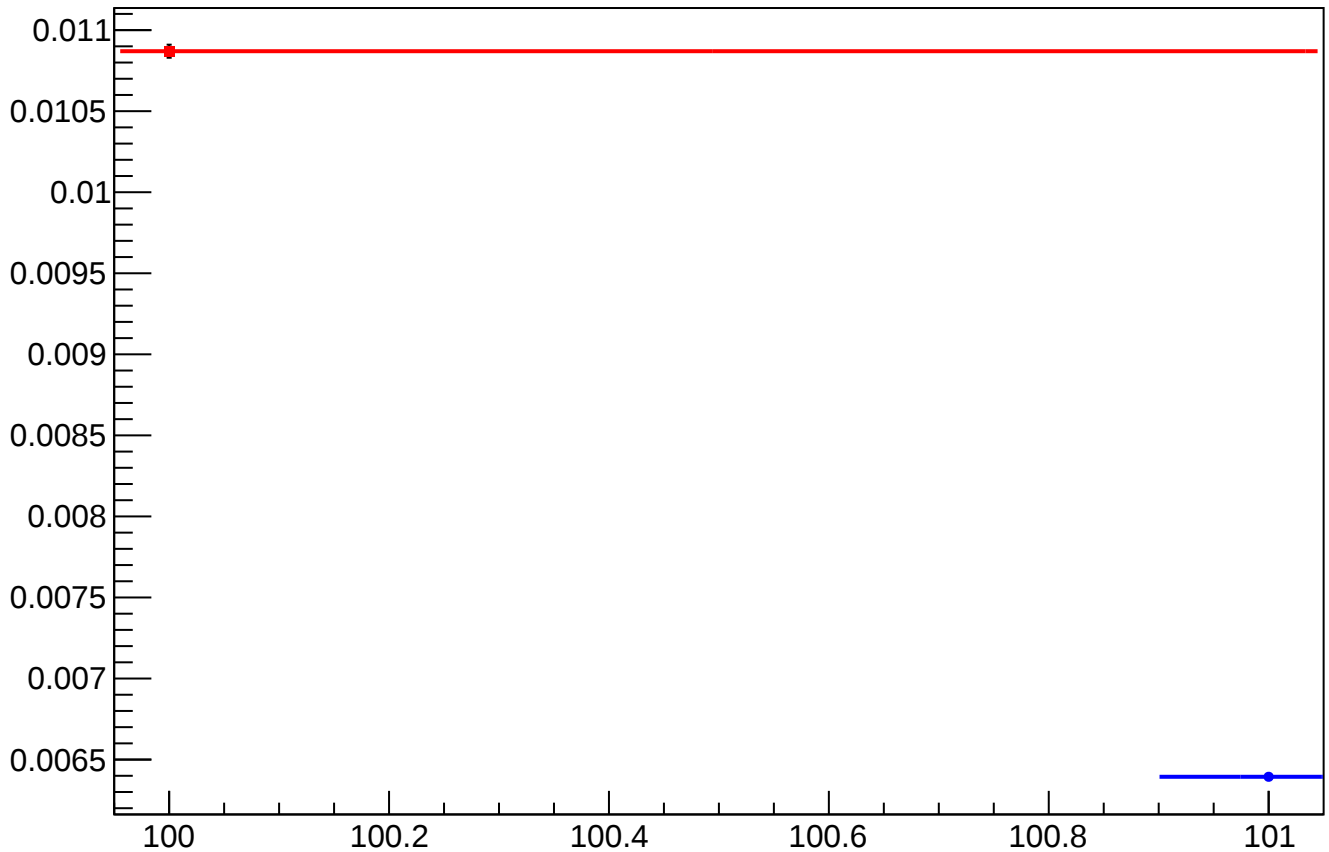
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

3.270+/-0.000 χ^2/NDF : 0.0/0

3.270+/-0.000 χ^2/NDF : 306369.4/1

3.301+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 0.0/0

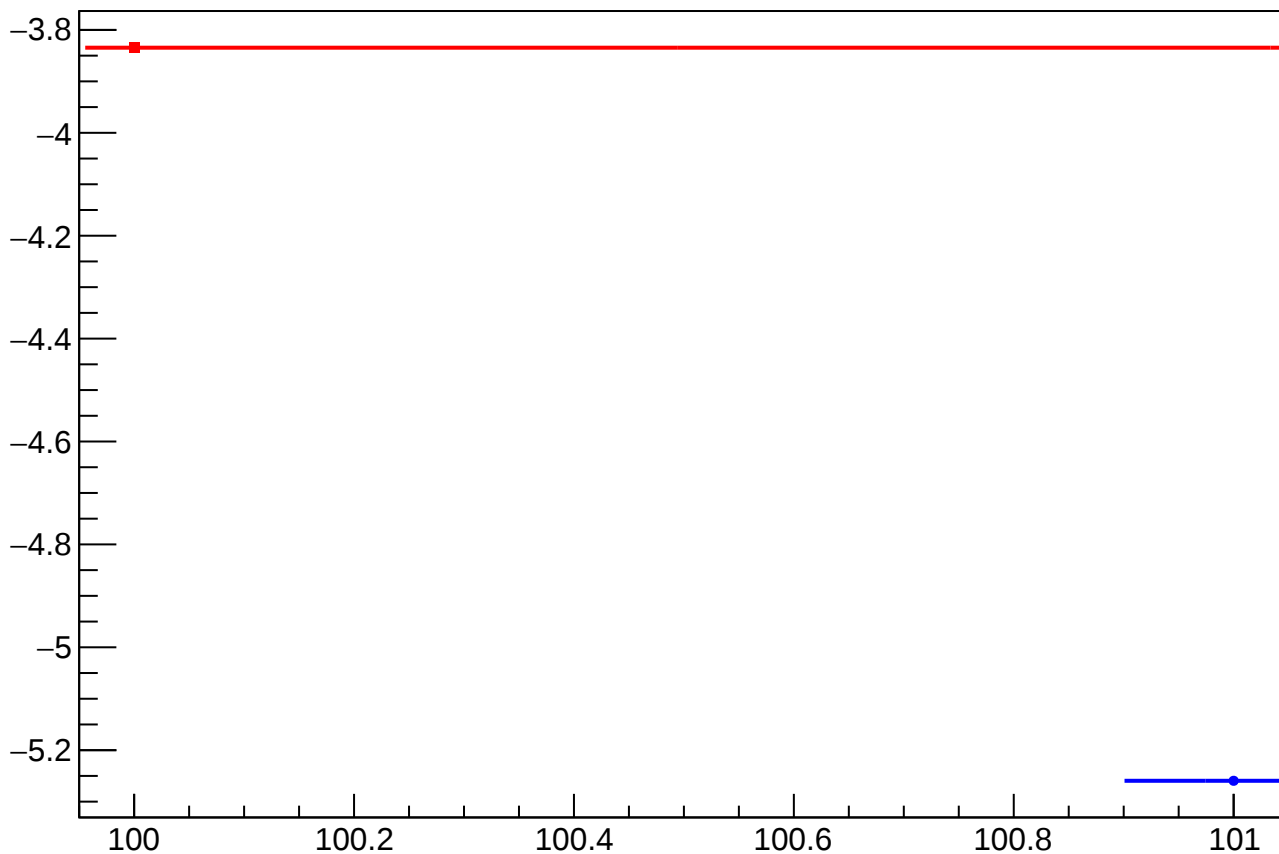
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 0.0/0

0.006+/-0.000 χ^2/NDF : 12055.1/1

0.011+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -5.259+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -3.835+/-0.000 χ^2 /NDF: 0.0/0

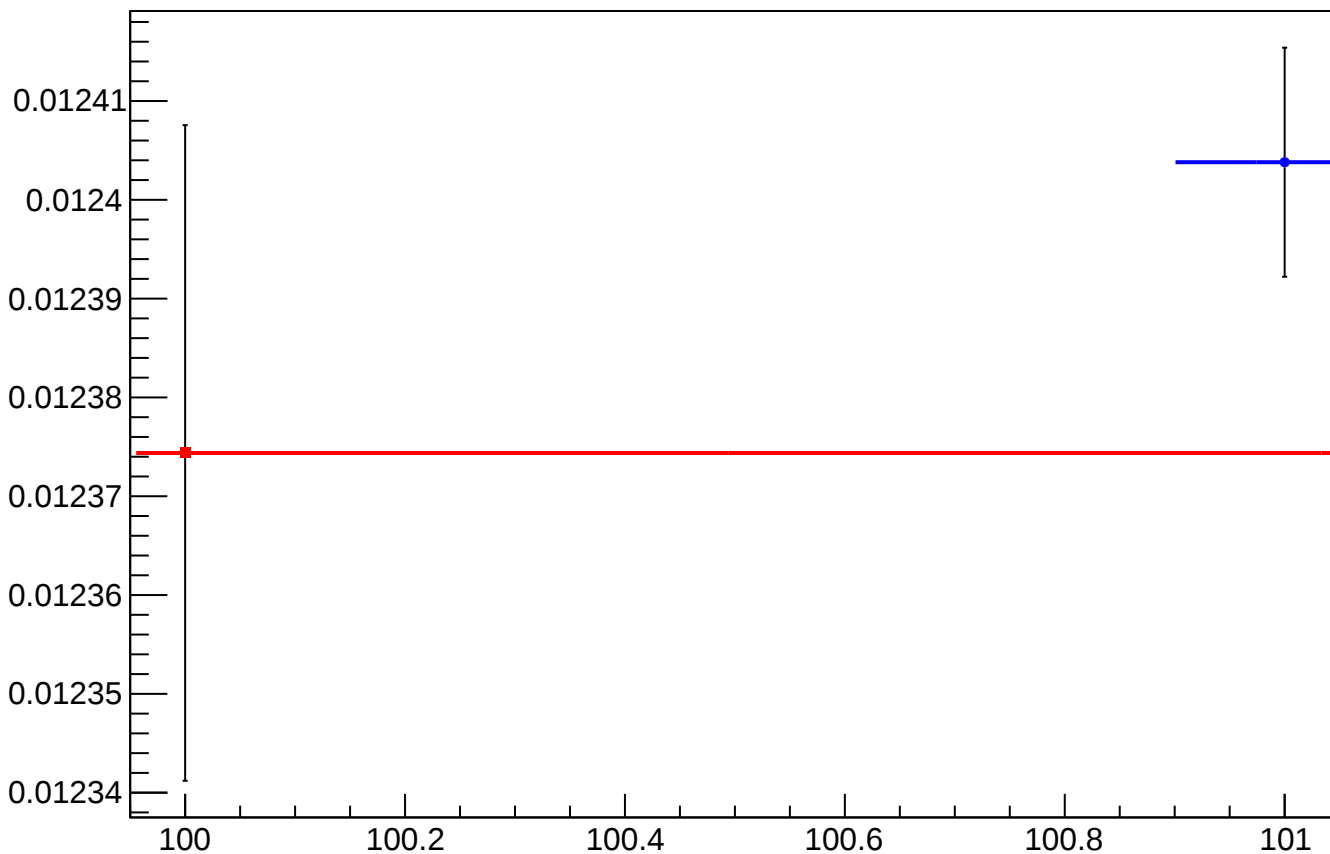
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-5.259+/-0.000 χ^2 /NDF: 0.0/0

-5.104+/-0.000 χ^2 /NDF: 821956136.3/1

-3.835+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

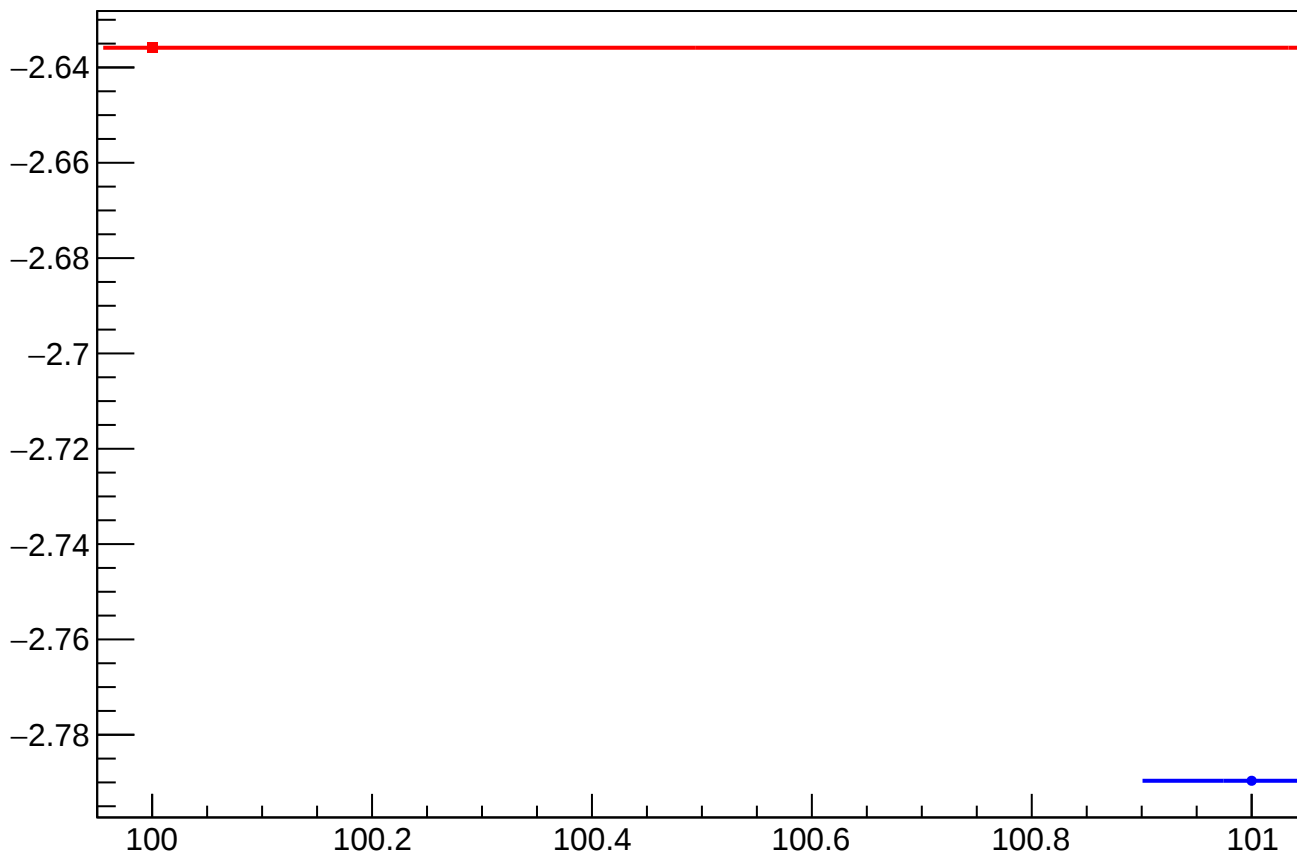
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 0.7/1

0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -2.790+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.636+/-0.000 χ^2/NDF : 0.0/0

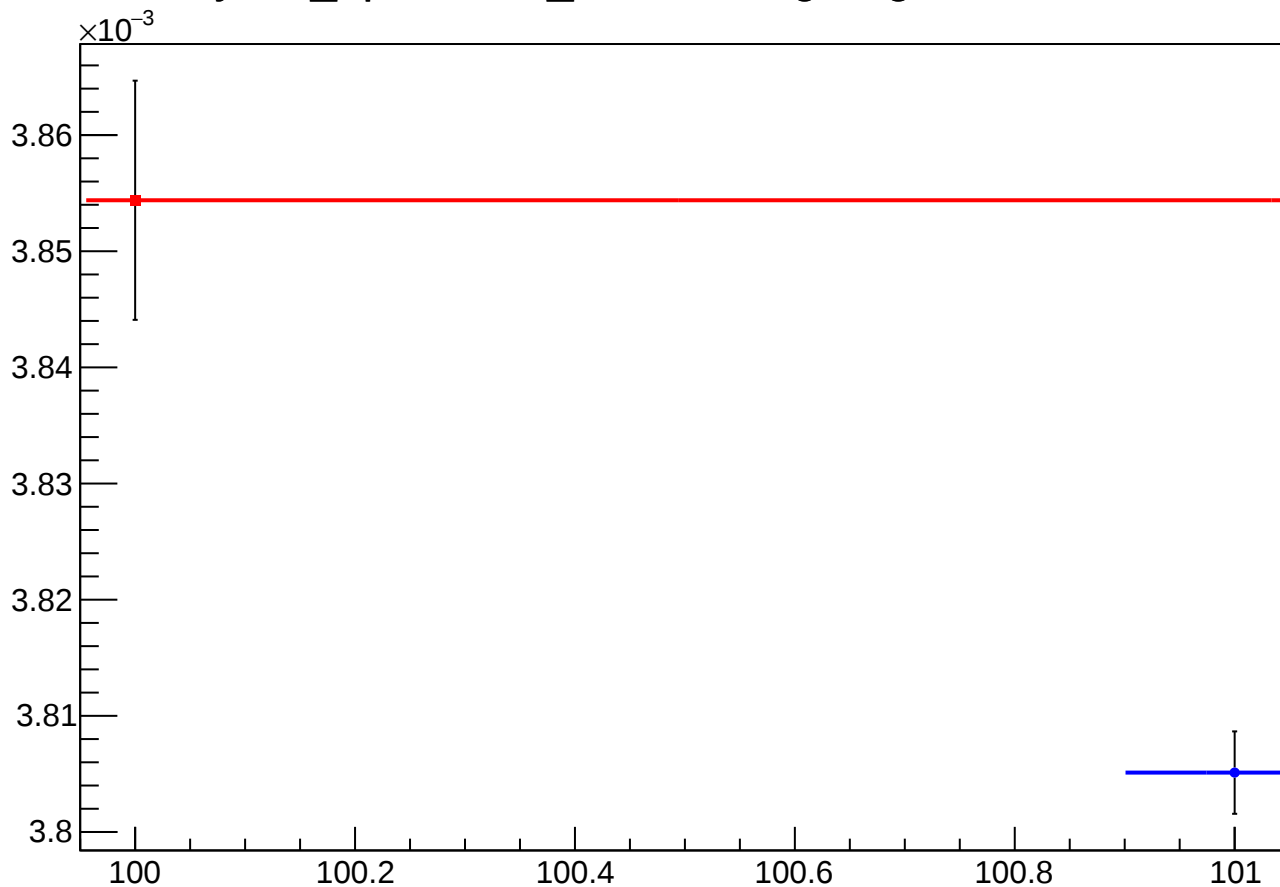
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.790+/-0.000 χ^2/NDF : 0.0/0

-2.773+/-0.000 χ^2/NDF : 99717757.9/1

-2.636+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 0.0/0

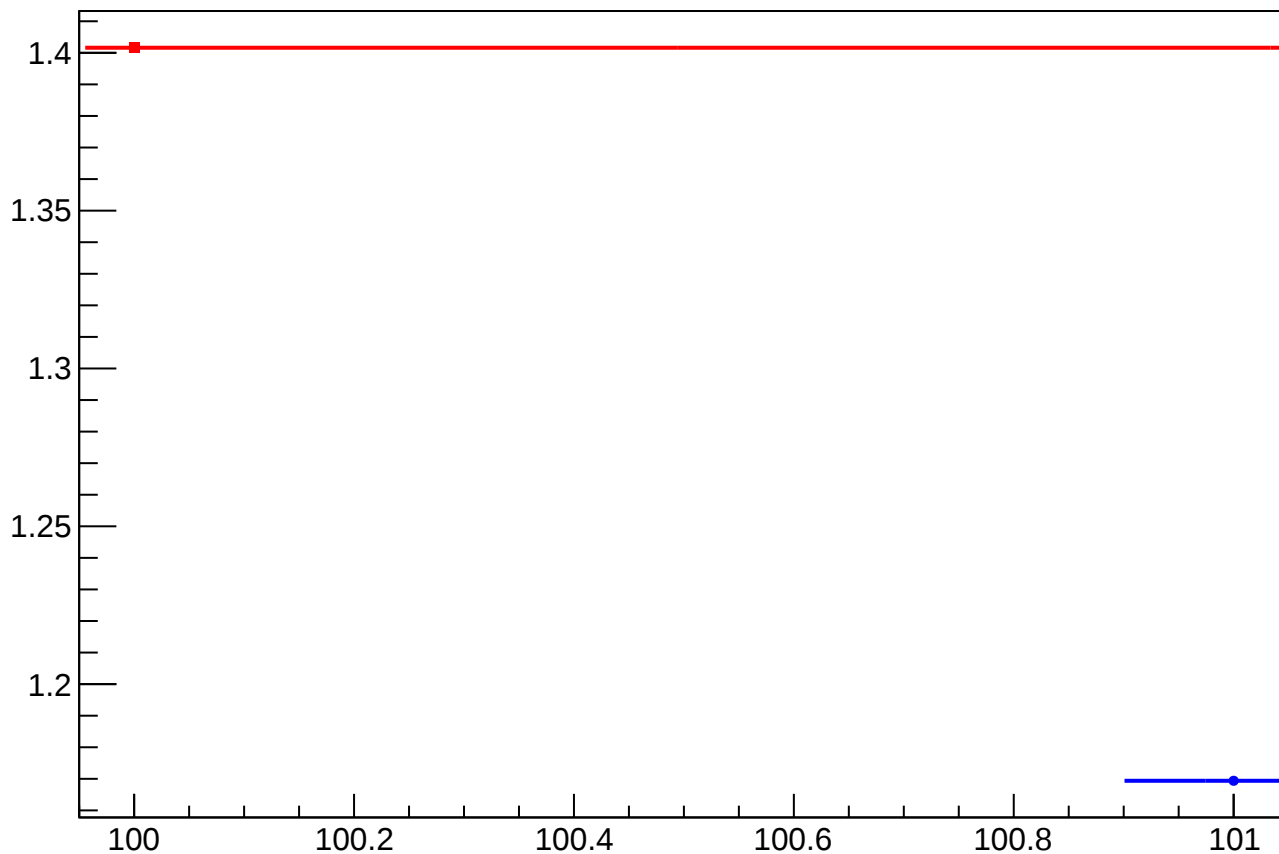
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 20.5/1

0.004+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 1.169+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.402+/-0.000 χ^2/NDF : 0.0/0

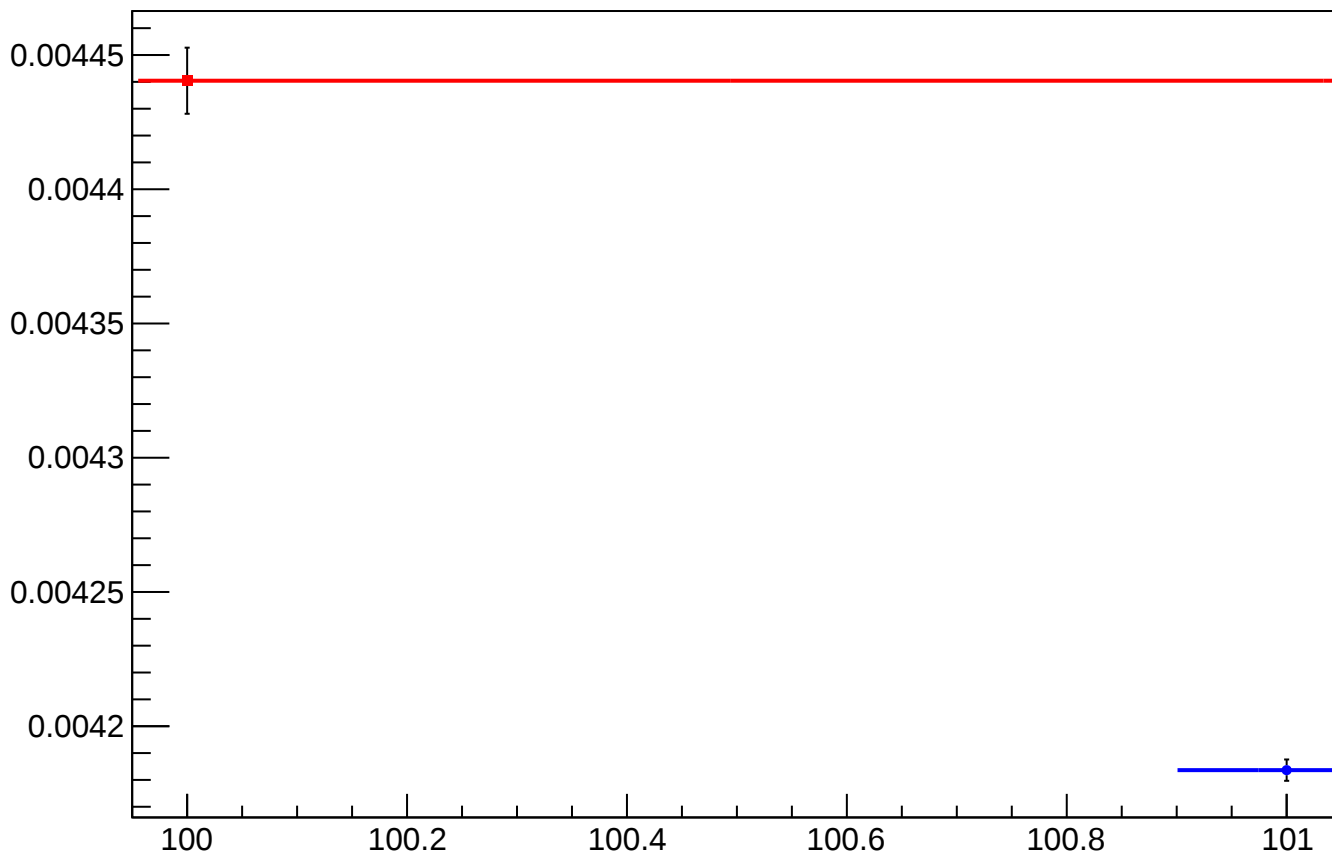
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.169+/-0.000 χ^2/NDF : 0.0/0

1.191+/-0.000 χ^2/NDF : 161157564.0/1

1.402+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 0.0/0

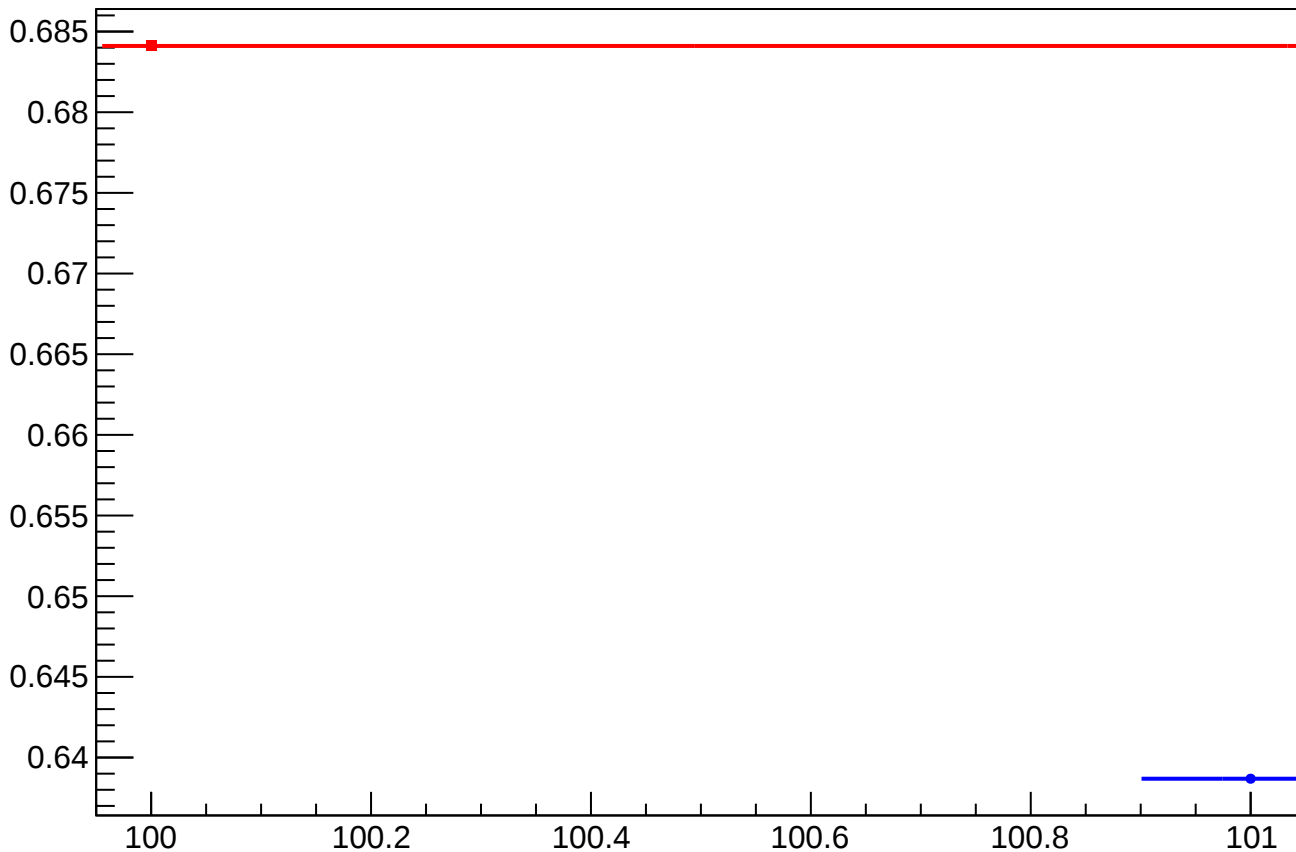
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 394.1/1

0.004+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 0.639+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.684+/-0.000 χ^2/NDF : 0.0/0

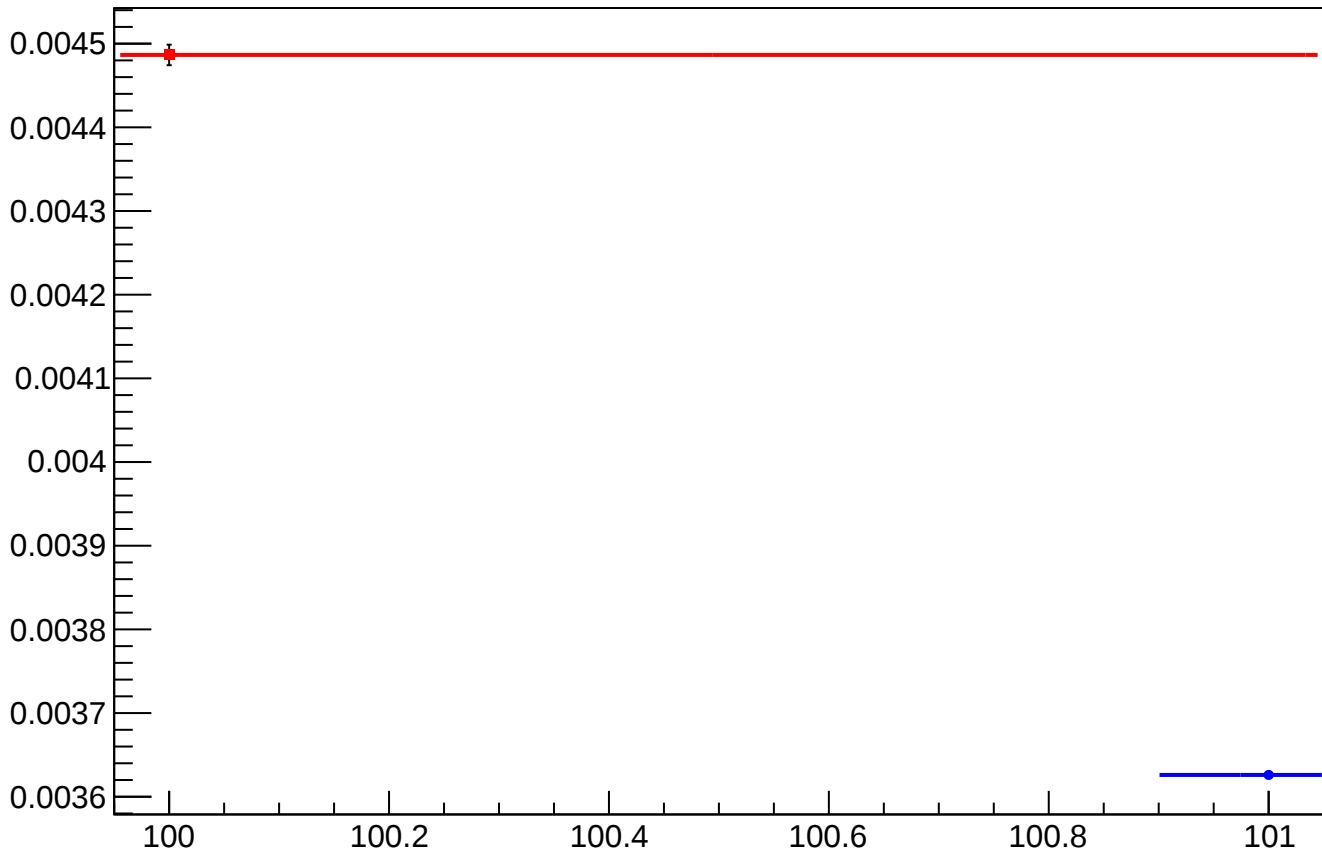
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.639+/-0.000 χ^2/NDF : 0.0/0

0.642+/-0.000 χ^2/NDF : 6362981.9/1

0.684+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

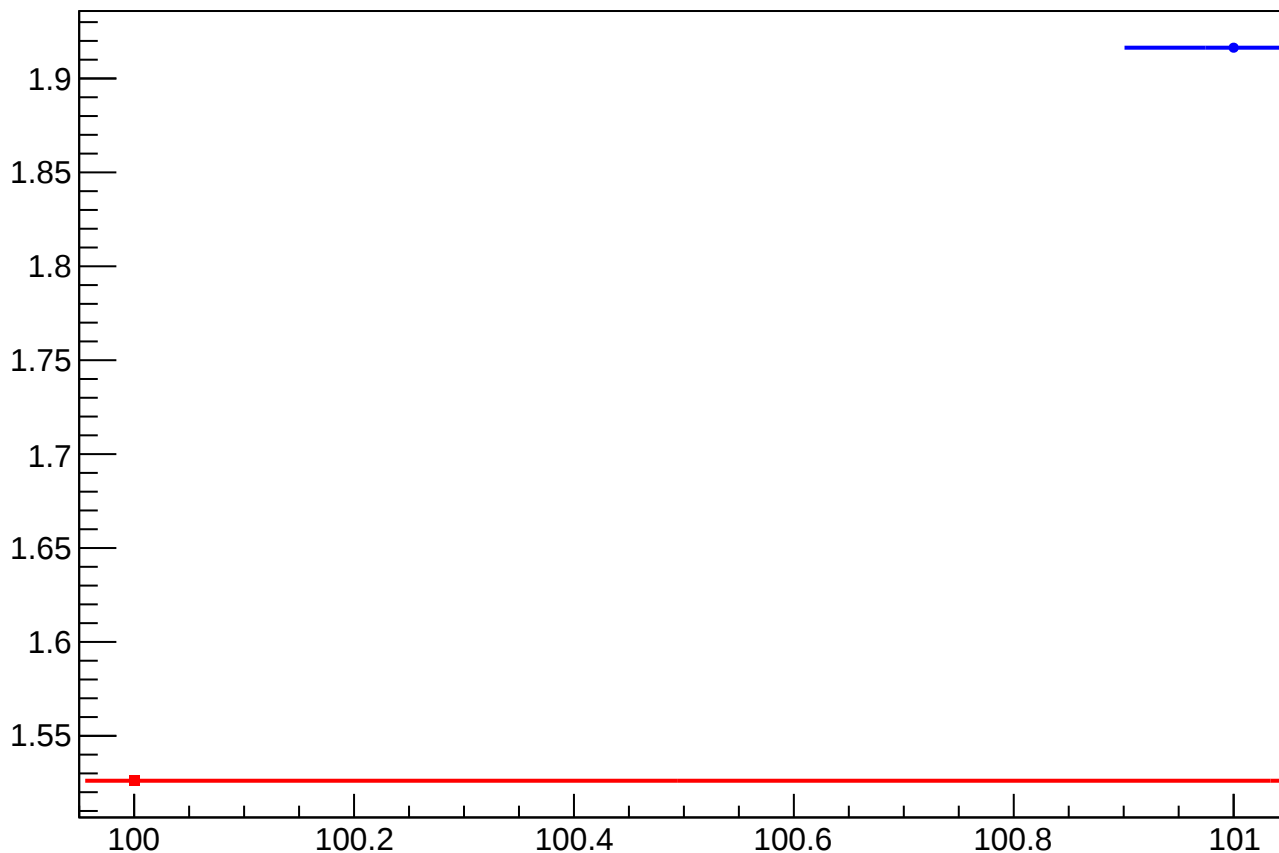
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 4567.0/1

0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 1.916+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.526+/-0.000 χ^2/NDF : 0.0/0

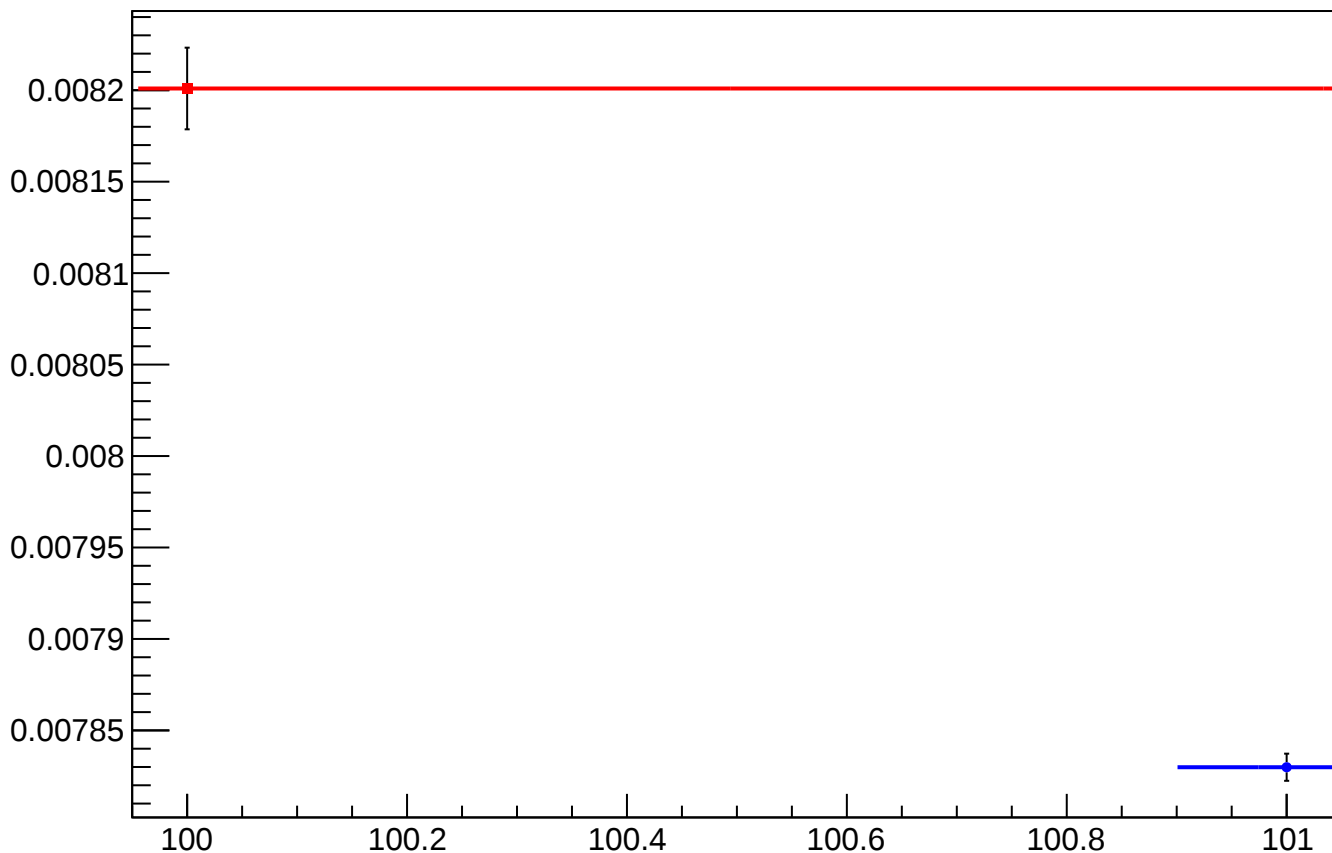
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1.916+/-0.000 χ^2/NDF : 0.0/0

1.878+/-0.000 χ^2/NDF : 137669954.6/1

1.526+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 0.0/0

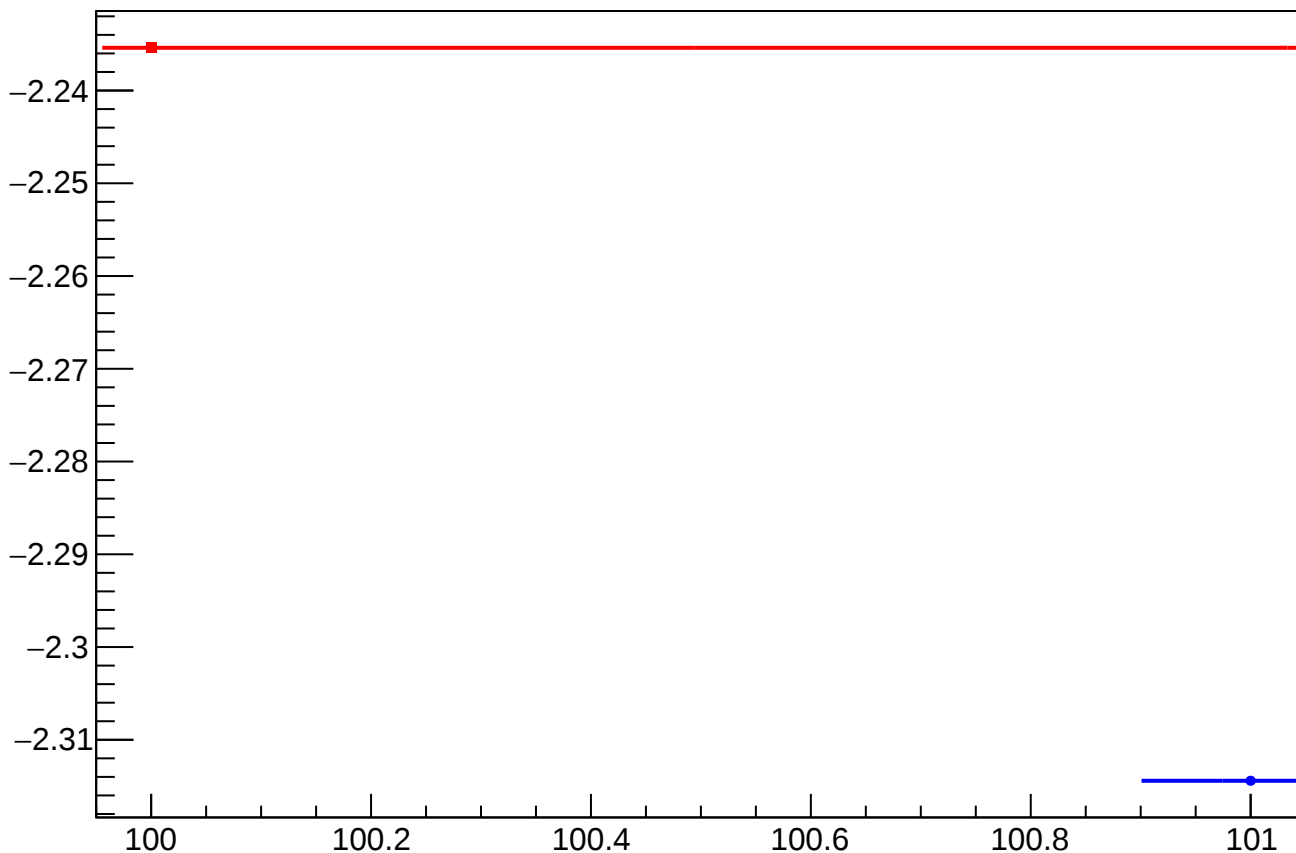
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 0.0/0

0.008+/-0.000 χ^2/NDF : 248.9/1

0.008+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -2.314+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.235+/-0.000 χ^2/NDF : 0.0/0

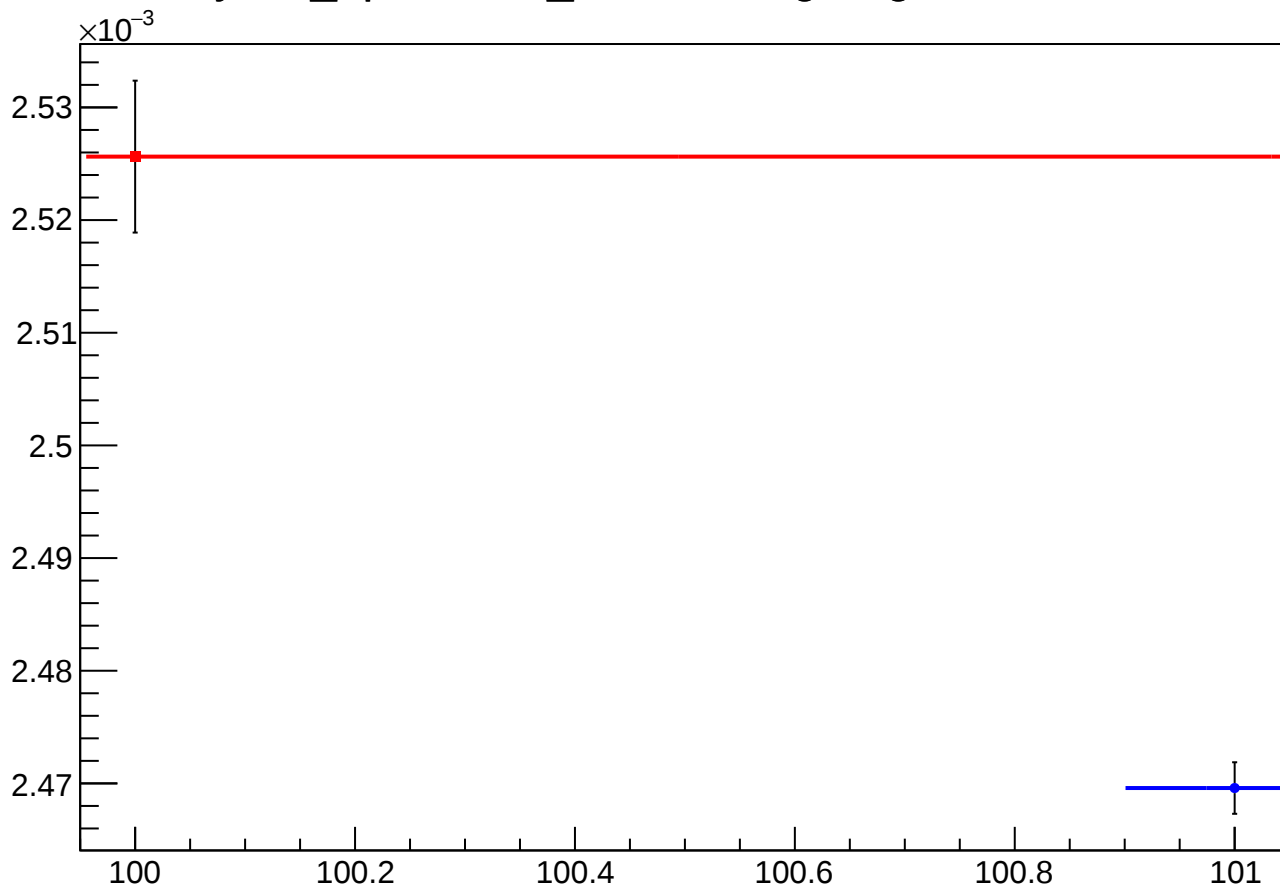
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-2.314+/-0.000 χ^2/NDF : 0.0/0

-2.306+/-0.000 χ^2/NDF : 61628290.2/1

-2.235+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2/NDF : 0.0/0

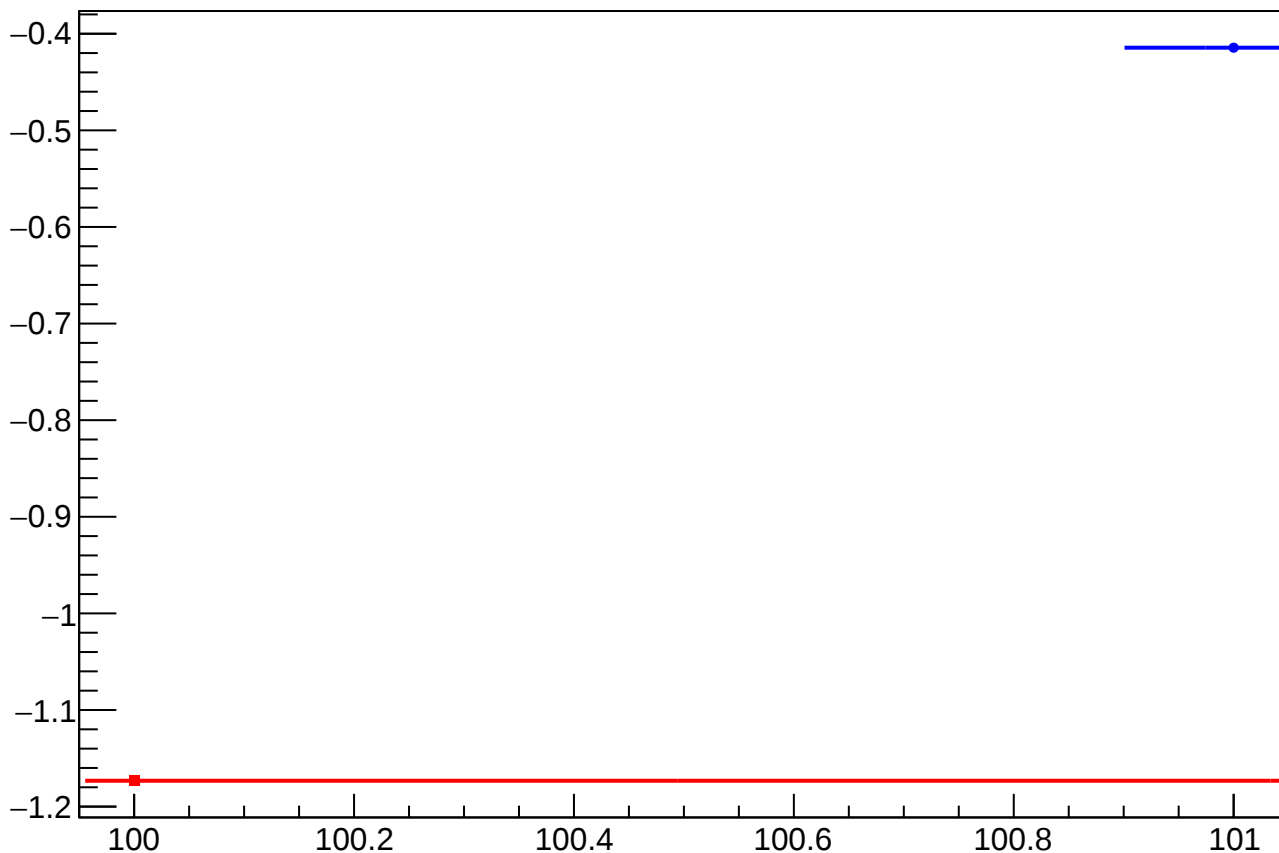
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.002 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.002 $\pm$ 0.000 χ^2/NDF : 62.0/1

0.003 $\pm$ 0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.414+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1.173+/-0.000 χ^2 /NDF: 0.0/0

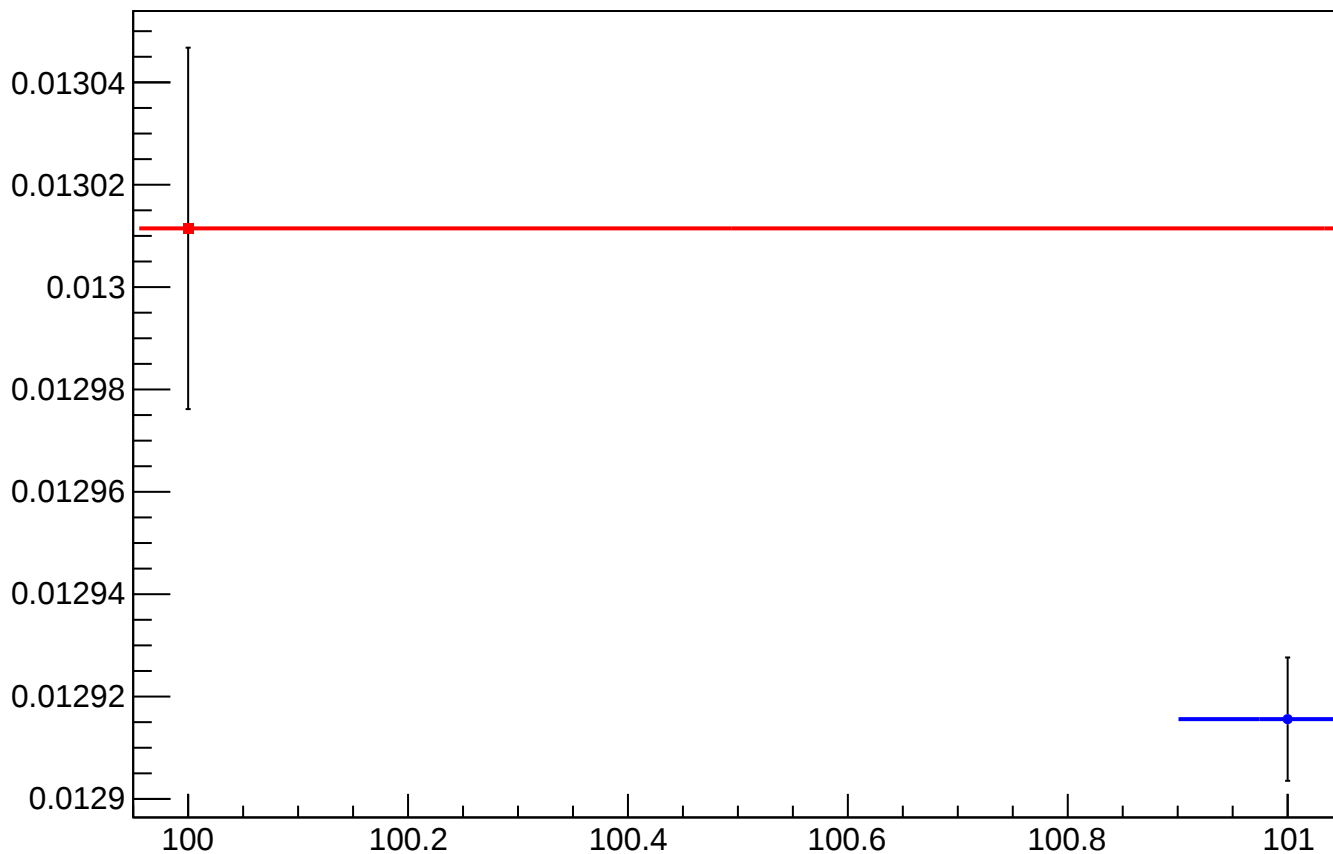
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

-0.414+/-0.000 χ^2 /NDF: 0.0/0

-0.494+/-0.000 χ^2 /NDF: 206851822.2/1

-1.173+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 0.0/0

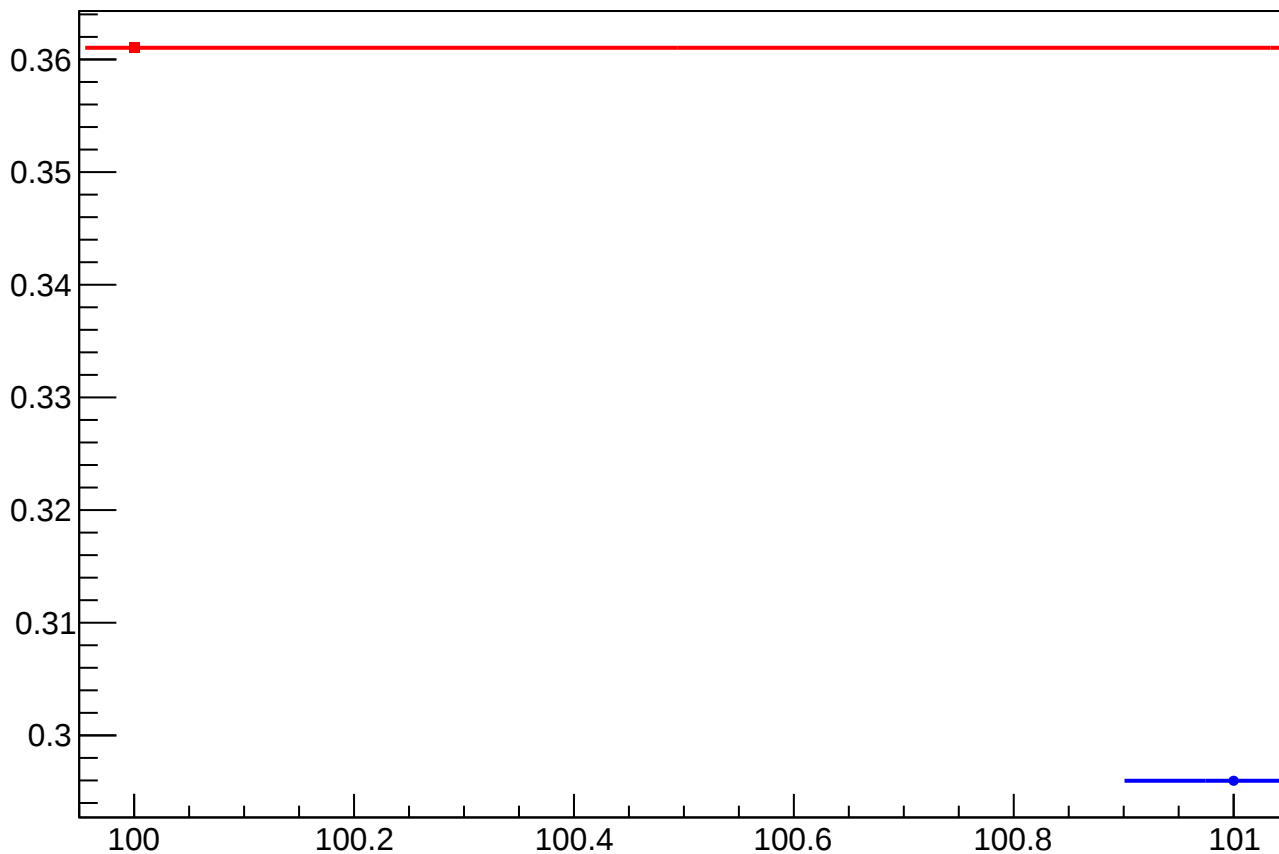
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 6.6/1

0.013+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.296+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.361+/-0.000 χ^2/NDF : 0.0/0

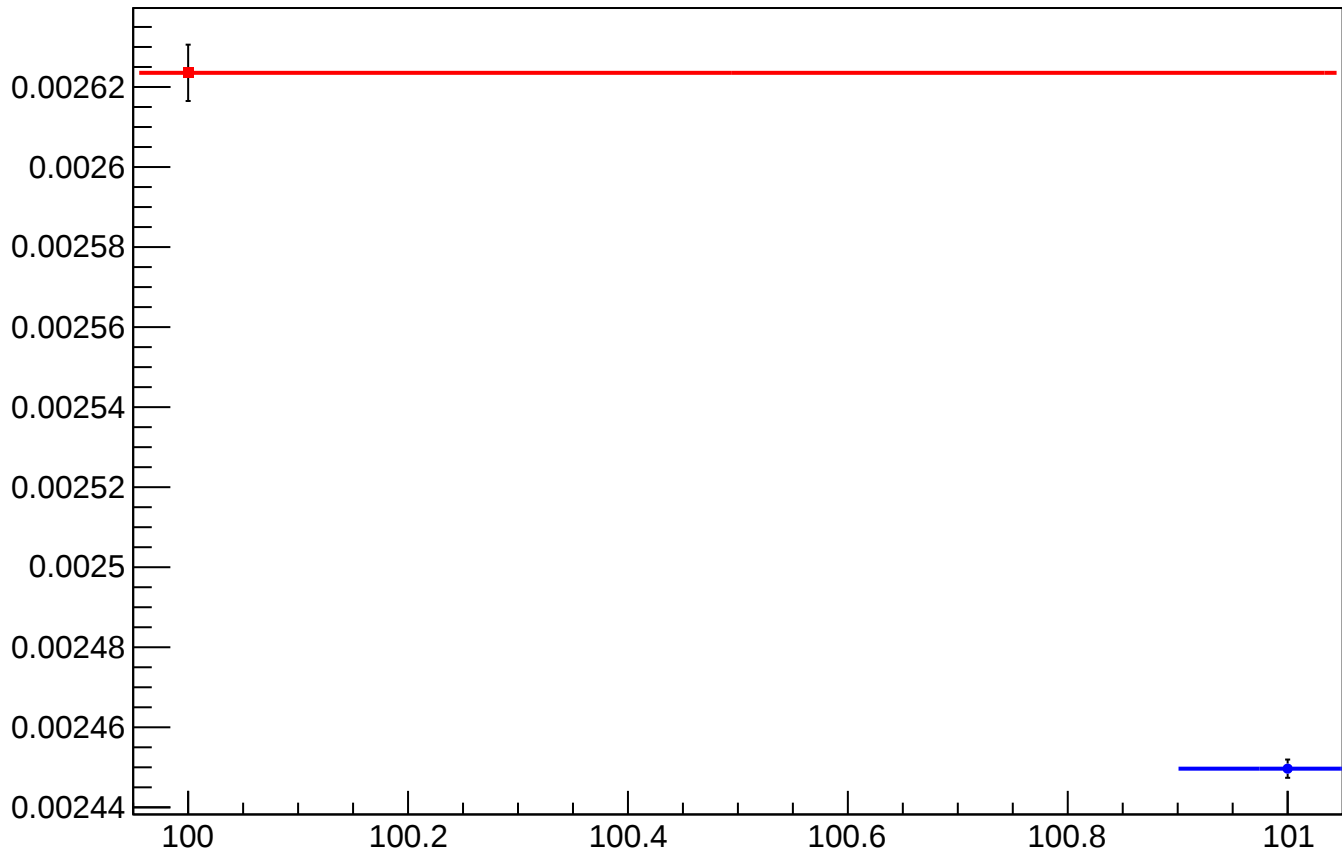
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.296+/-0.000 χ^2/NDF : 0.0/0

0.302+/-0.000 χ^2/NDF : 38687612.2/1

0.361+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

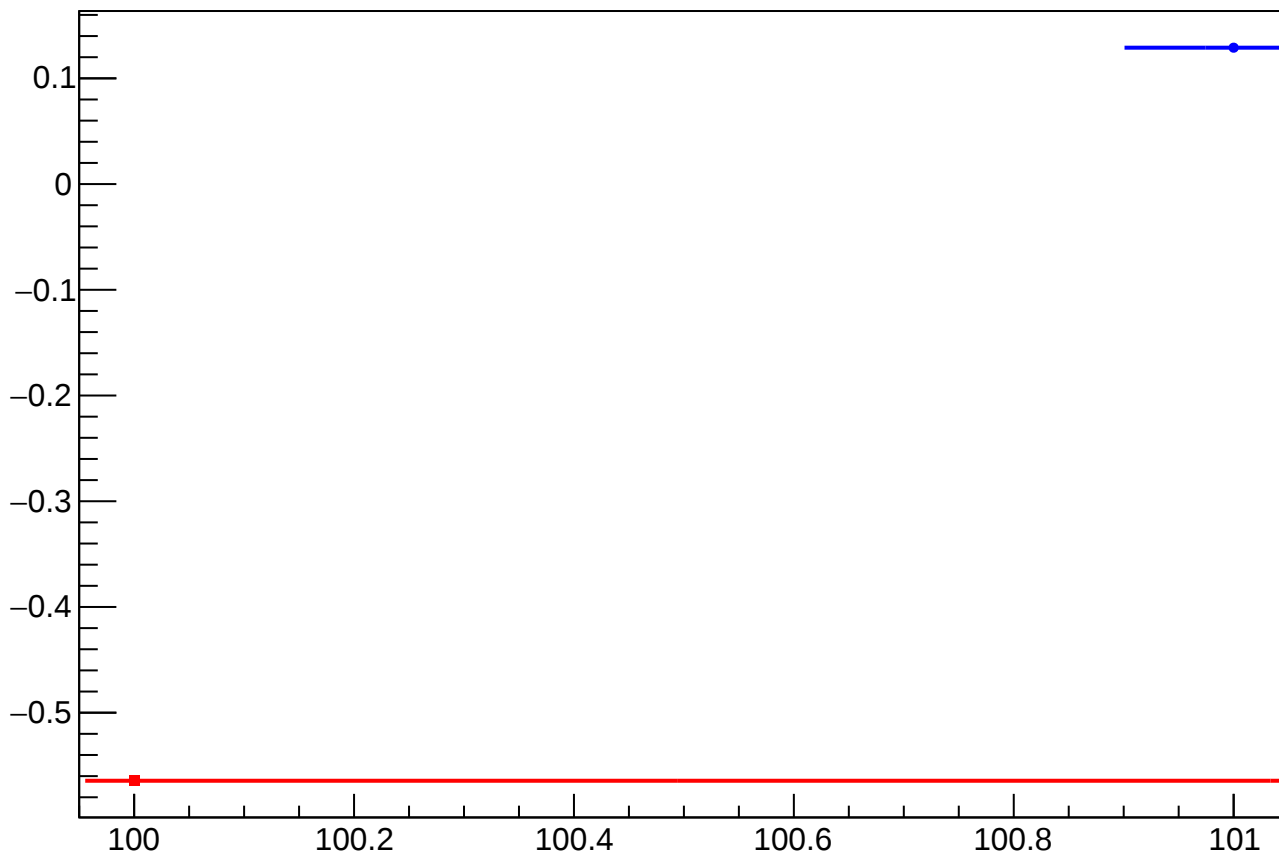
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 0.0/0

0.002+/-0.000 χ^2/NDF : 552.6/1

0.003+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.129+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.564+/-0.000 χ^2/NDF : 0.0/0

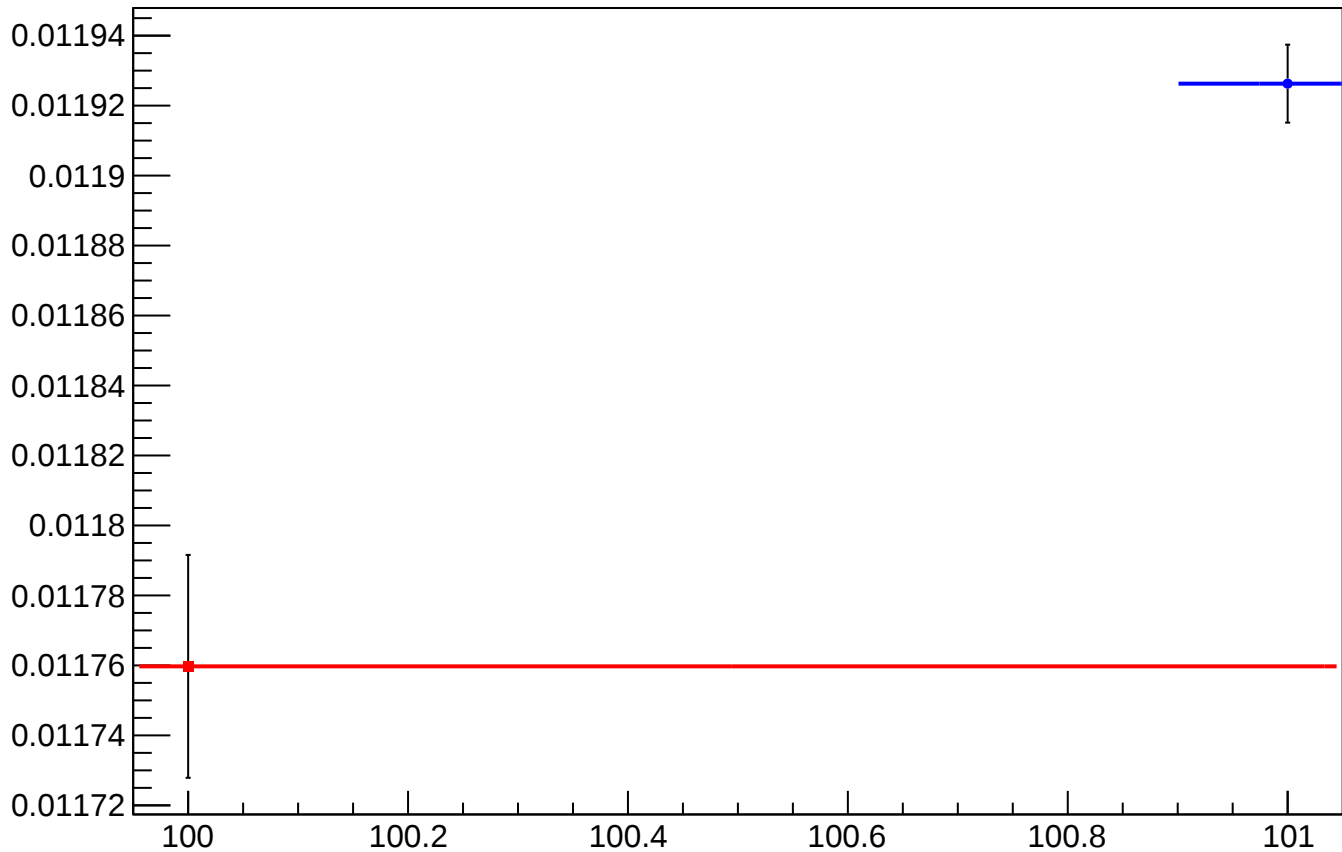
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.129+/-0.000 χ^2/NDF : 0.0/0

0.053+/-0.000 χ^2/NDF : 211093703.6/1

-0.564+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

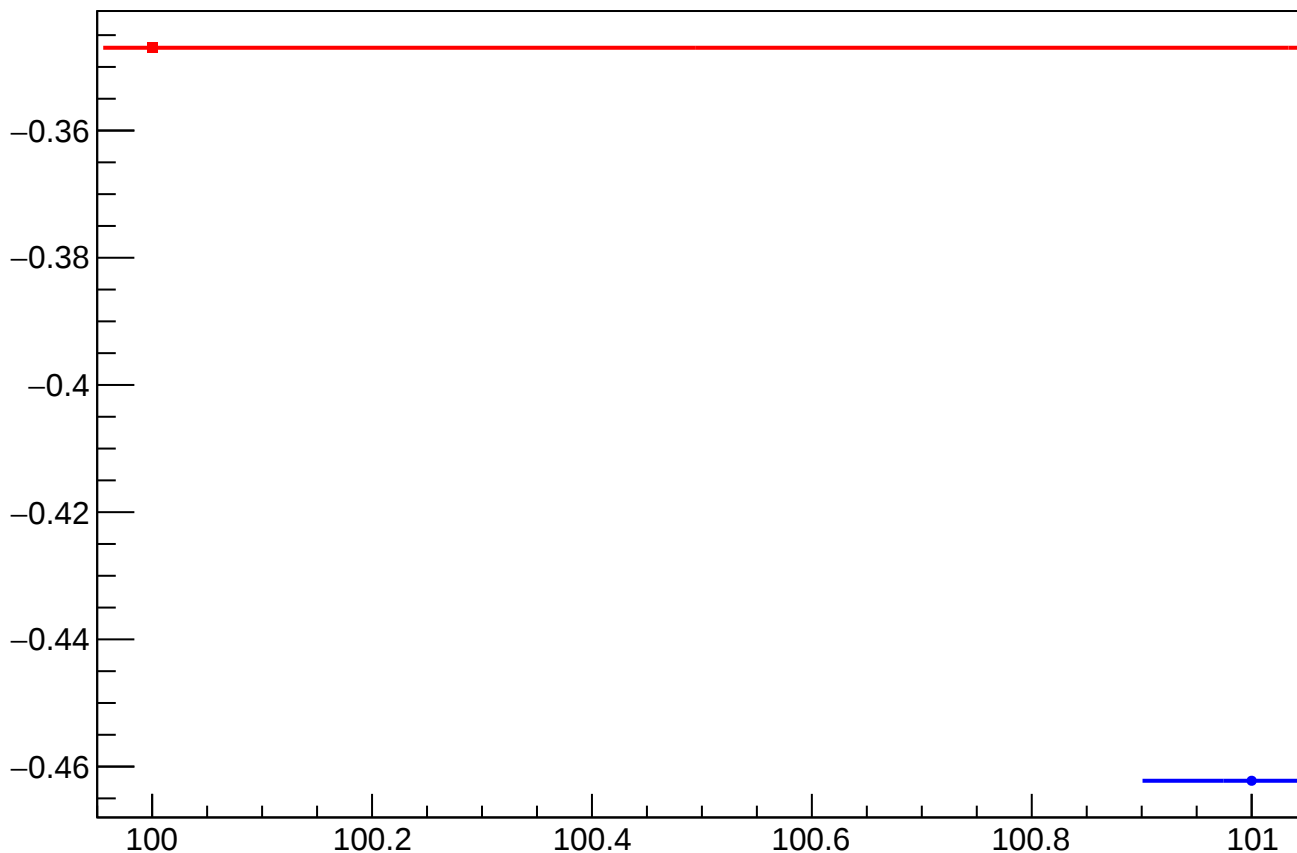
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 0.0/0

0.012+/-0.000 χ^2/NDF : 24.4/1

0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.462+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.347+/-0.000 χ^2/NDF : 0.0/0

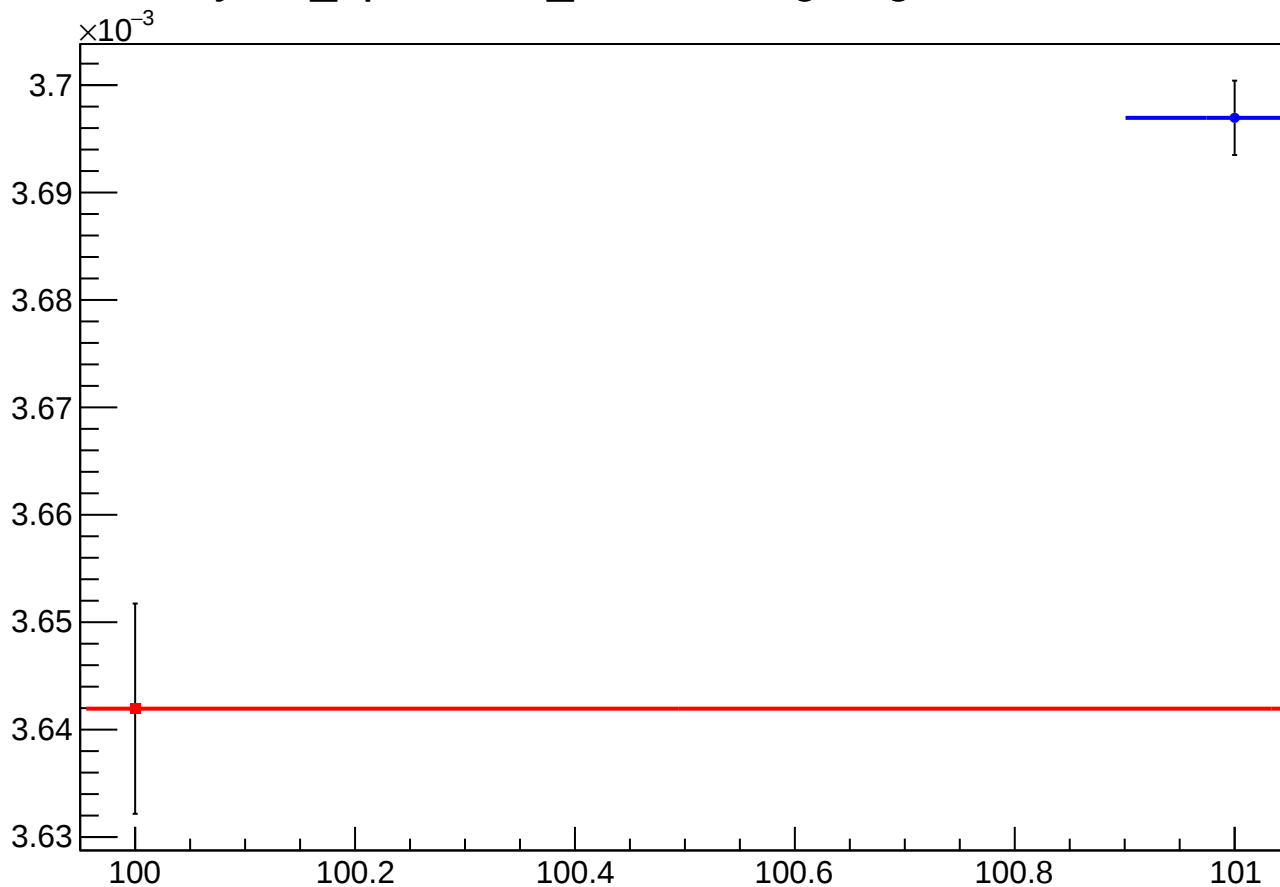
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.462+/-0.000 χ^2/NDF : 0.0/0

-0.449+/-0.000 χ^2/NDF : 61629948.5/1

-0.347+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

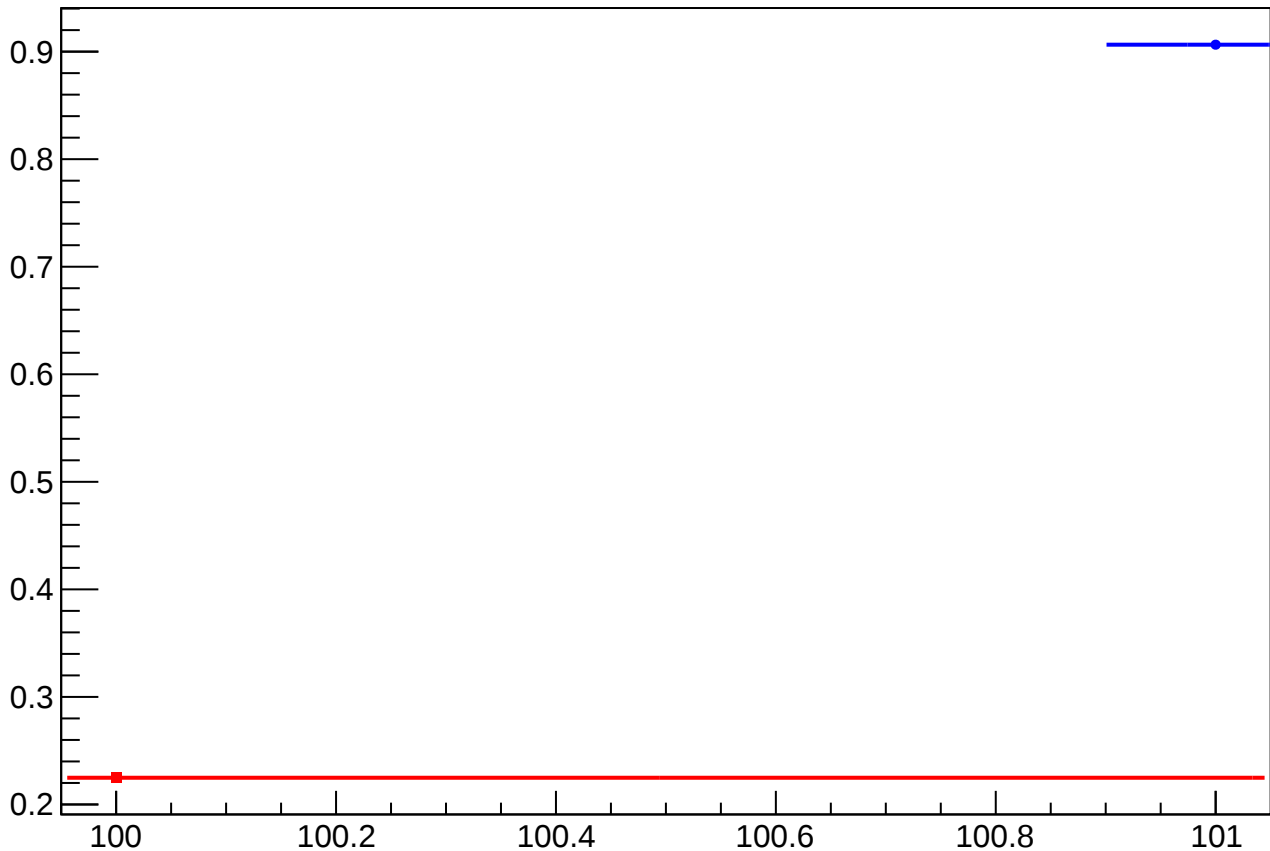
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

0.004 $\pm$ 0.000 χ^2 /NDF: 28.1/1

0.004 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.906+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.225+/-0.000 χ^2/NDF : 0.0/0

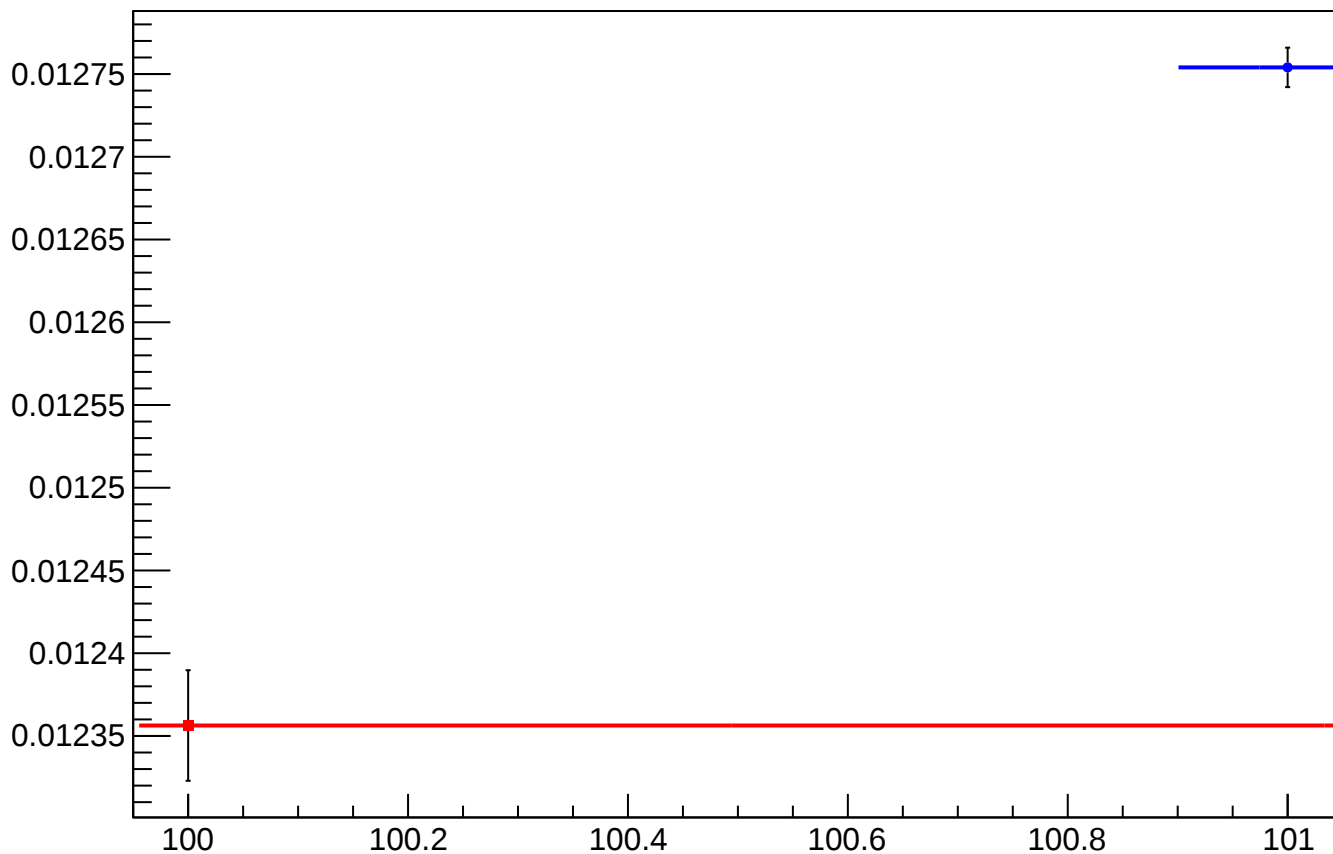
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.906+/-0.000 χ^2/NDF : 0.0/0

0.829+/-0.000 χ^2/NDF : 184537627.9/1

0.225+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 0.0/0

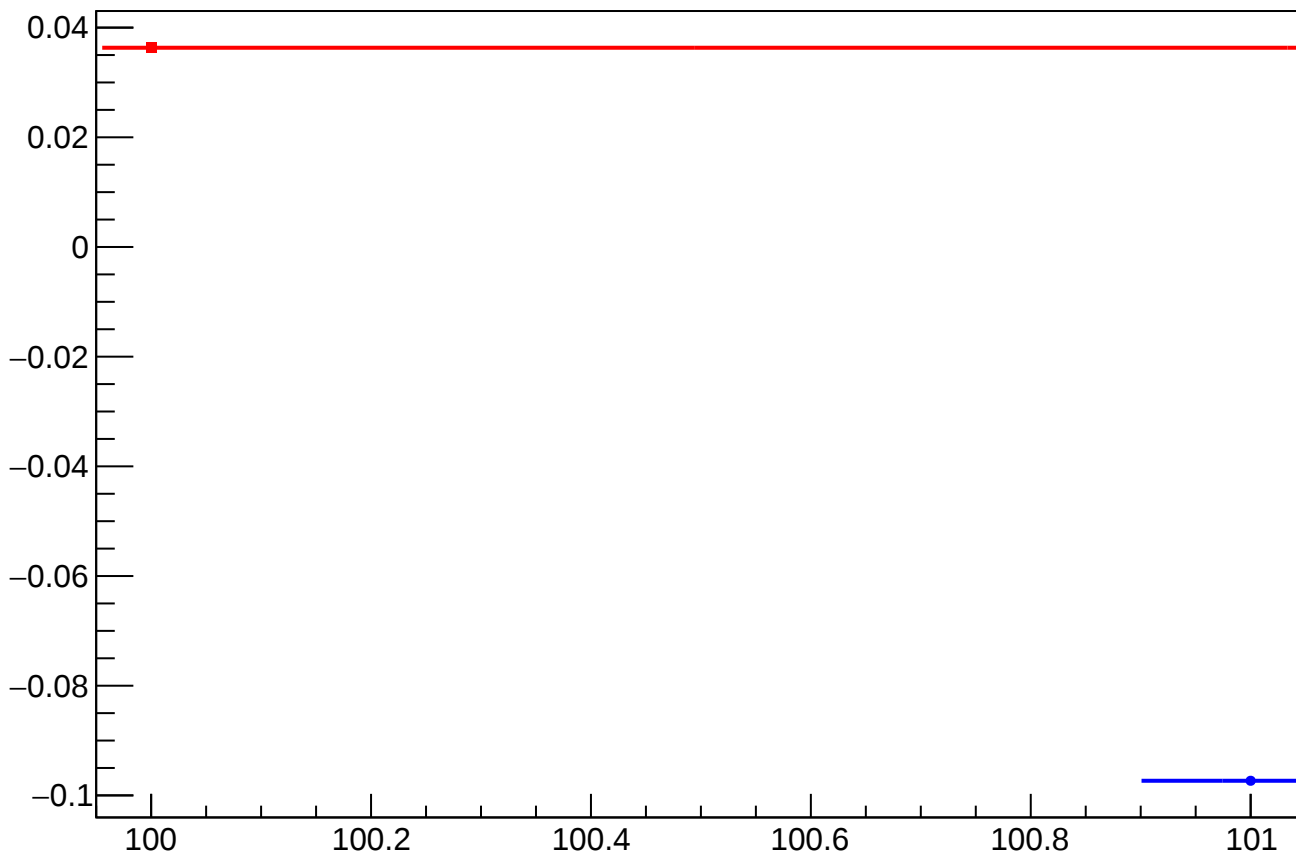
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 125.6/1

0.012+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -0.097+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 0.0/0

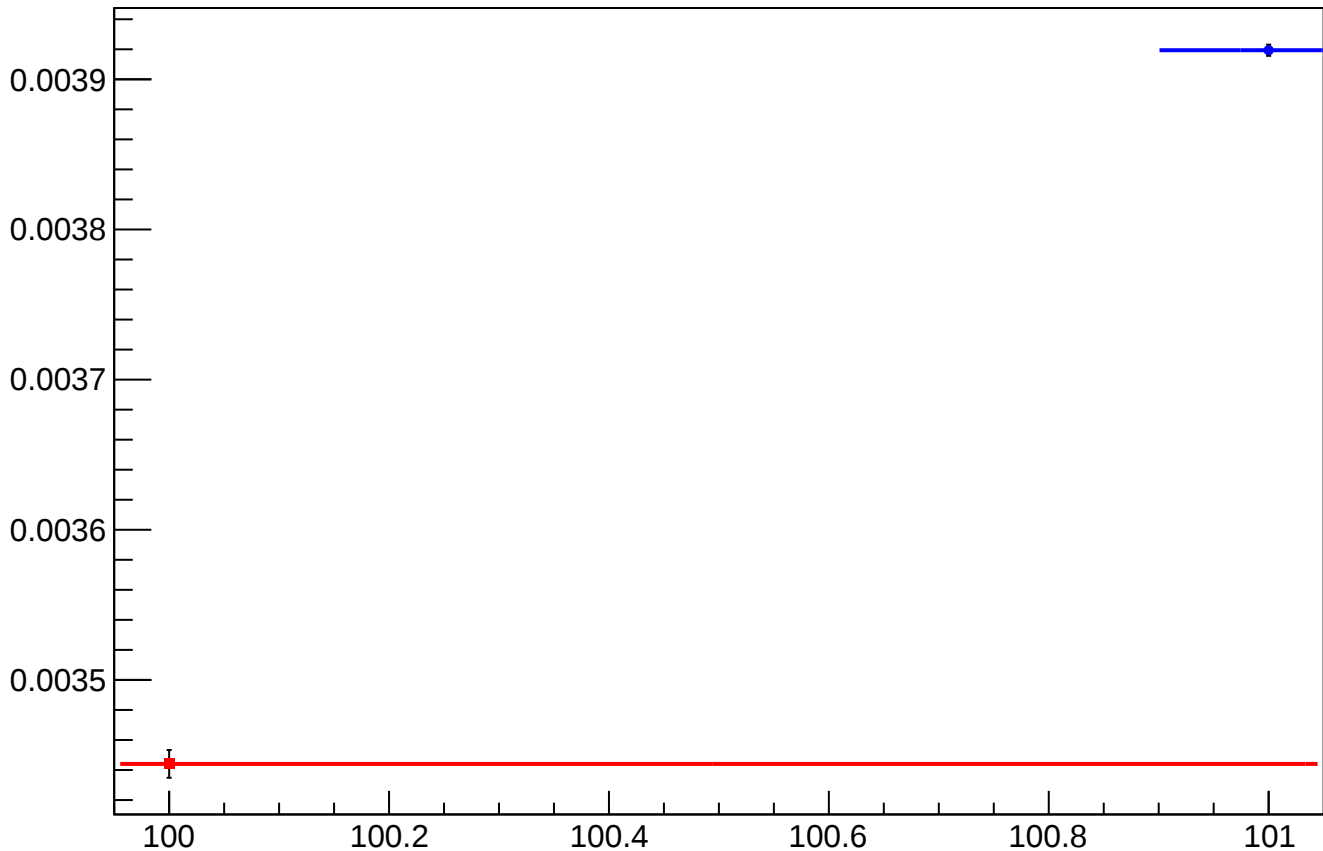
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.097+/-0.000 χ^2/NDF : 0.0/0

-0.079+/-0.000 χ^2/NDF : 90023838.6/1

0.036+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

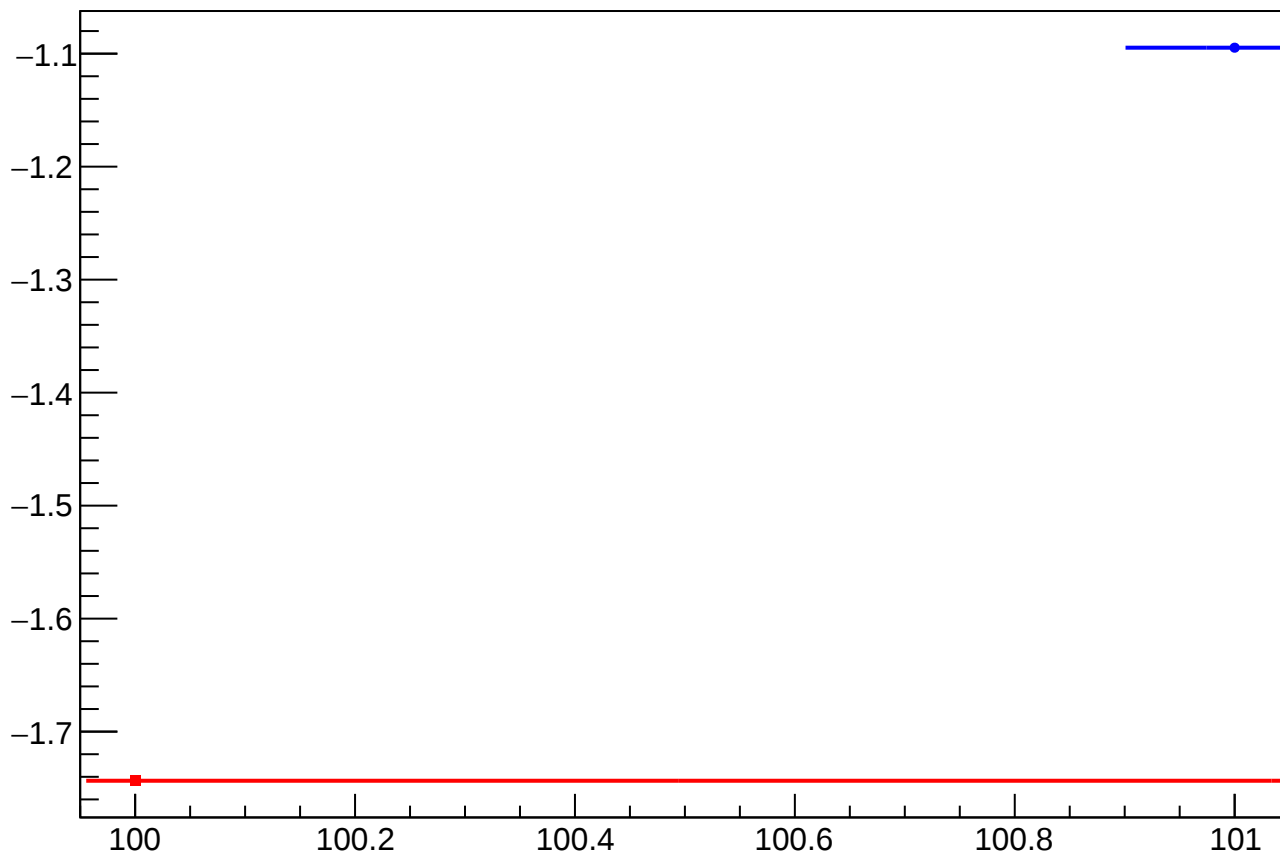
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 2276.8/1

0.003+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -1.095+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.743+/-0.000 χ^2/NDF : 0.0/0

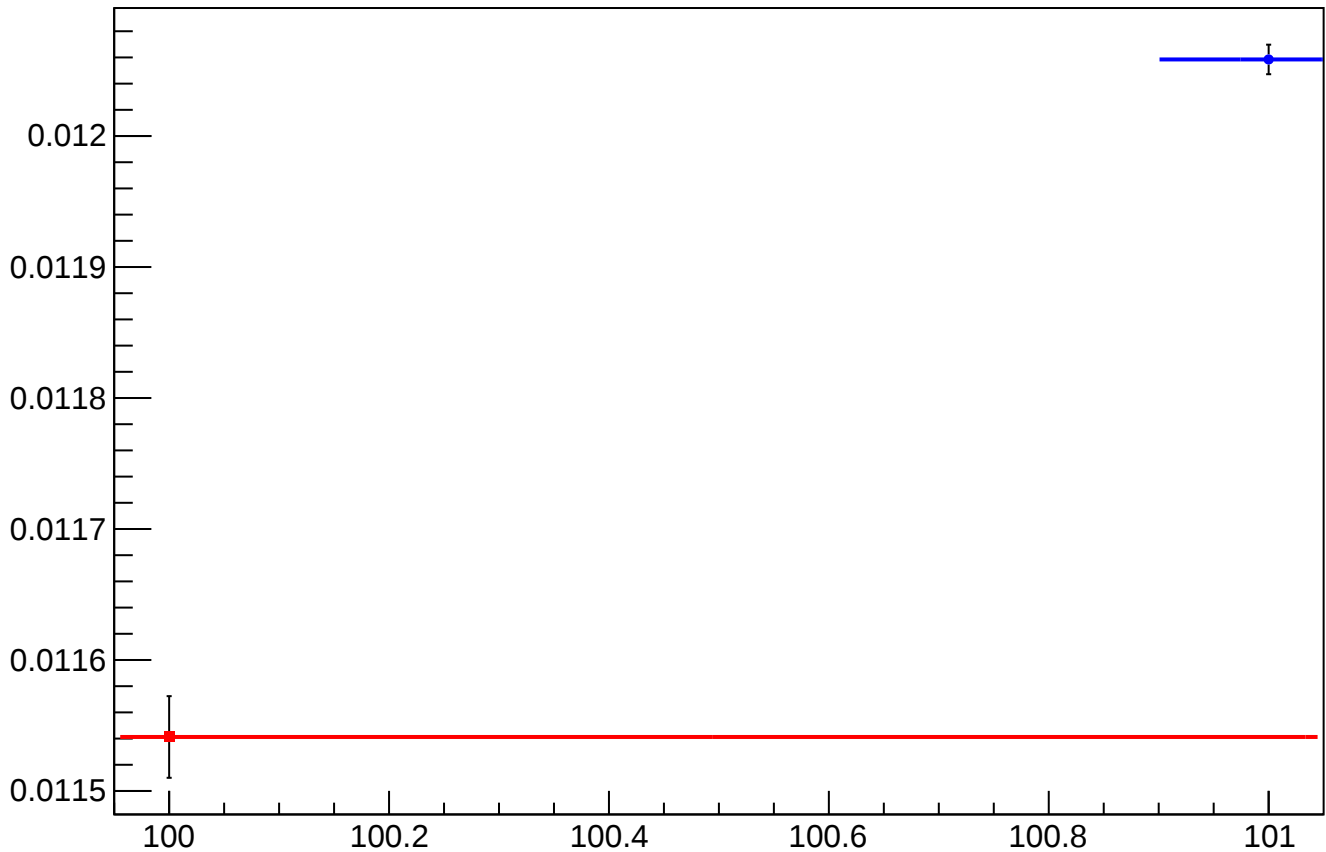
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-1.095+/-0.000 χ^2/NDF : 0.0/0

-1.170+/-0.000 χ^2/NDF : 191541938.2/1

-1.743+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 $\pm$ 0.000 χ^2/NDF : 0.0/0

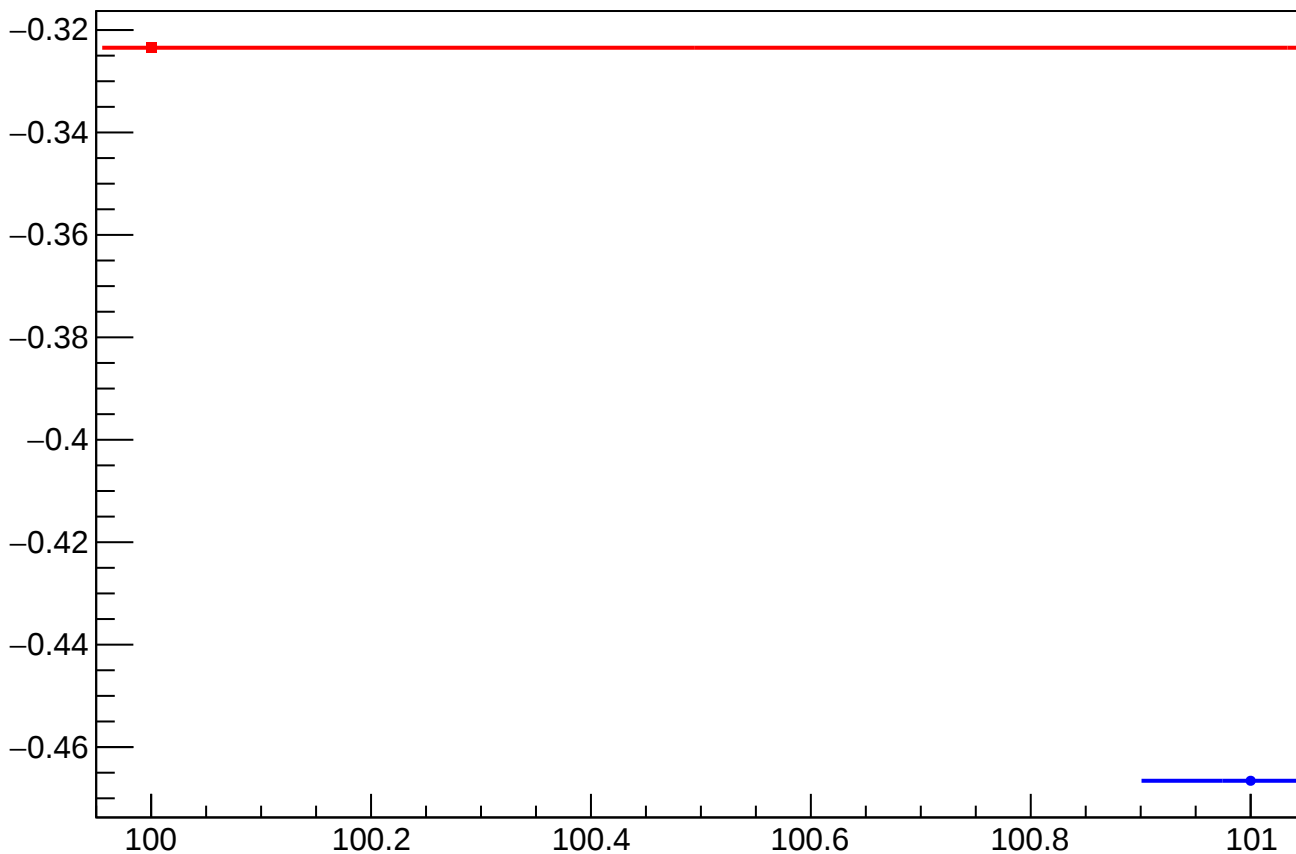
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.012 $\pm$ 0.000 χ^2/NDF : 0.0/0

0.012 $\pm$ 0.000 χ^2/NDF : 243.5/1

0.012 $\pm$ 0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.467+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.323+/-0.000 χ^2/NDF : 0.0/0

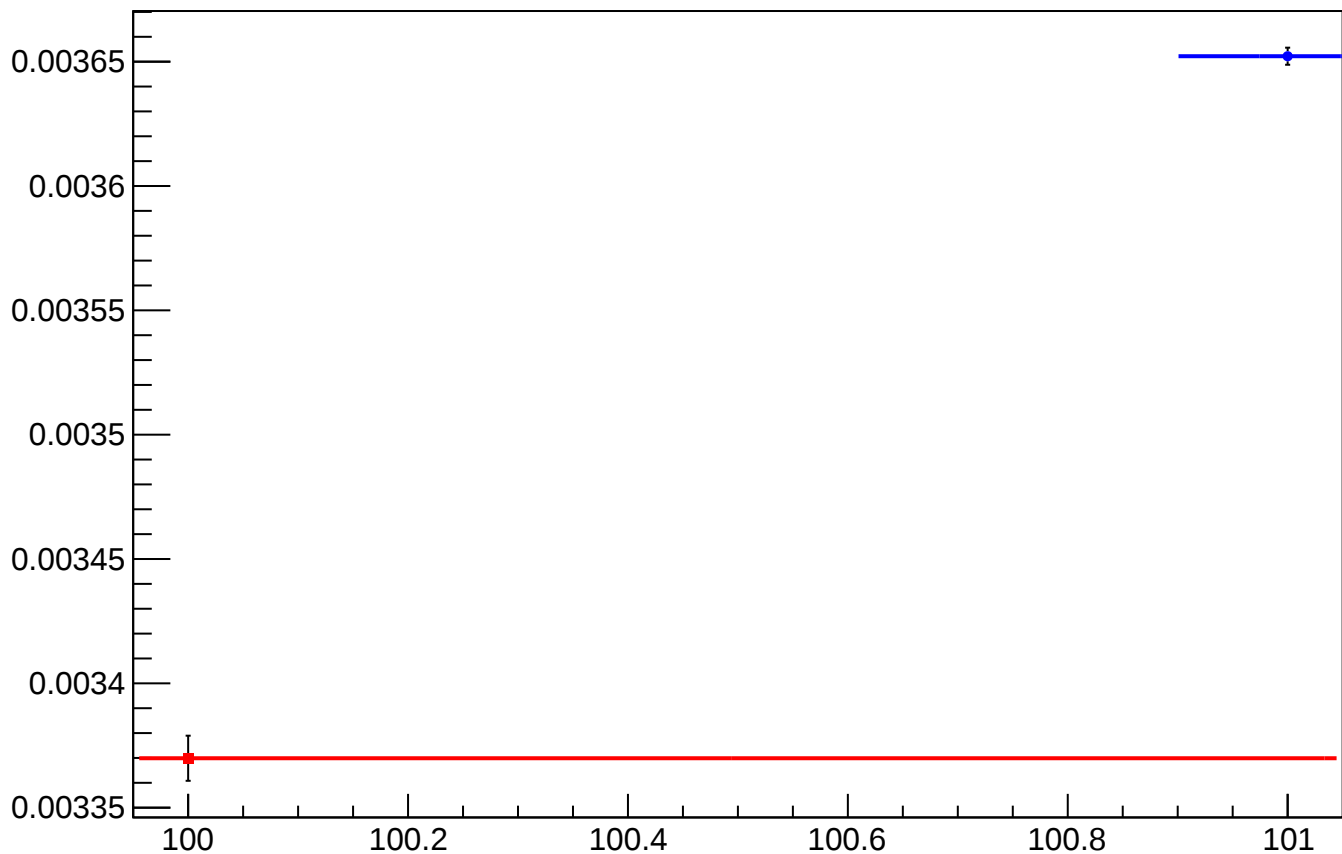
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.467+/-0.000 χ^2/NDF : 0.0/0

-0.449+/-0.000 χ^2/NDF : 108856079.7/1

-0.323+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 0.0/0

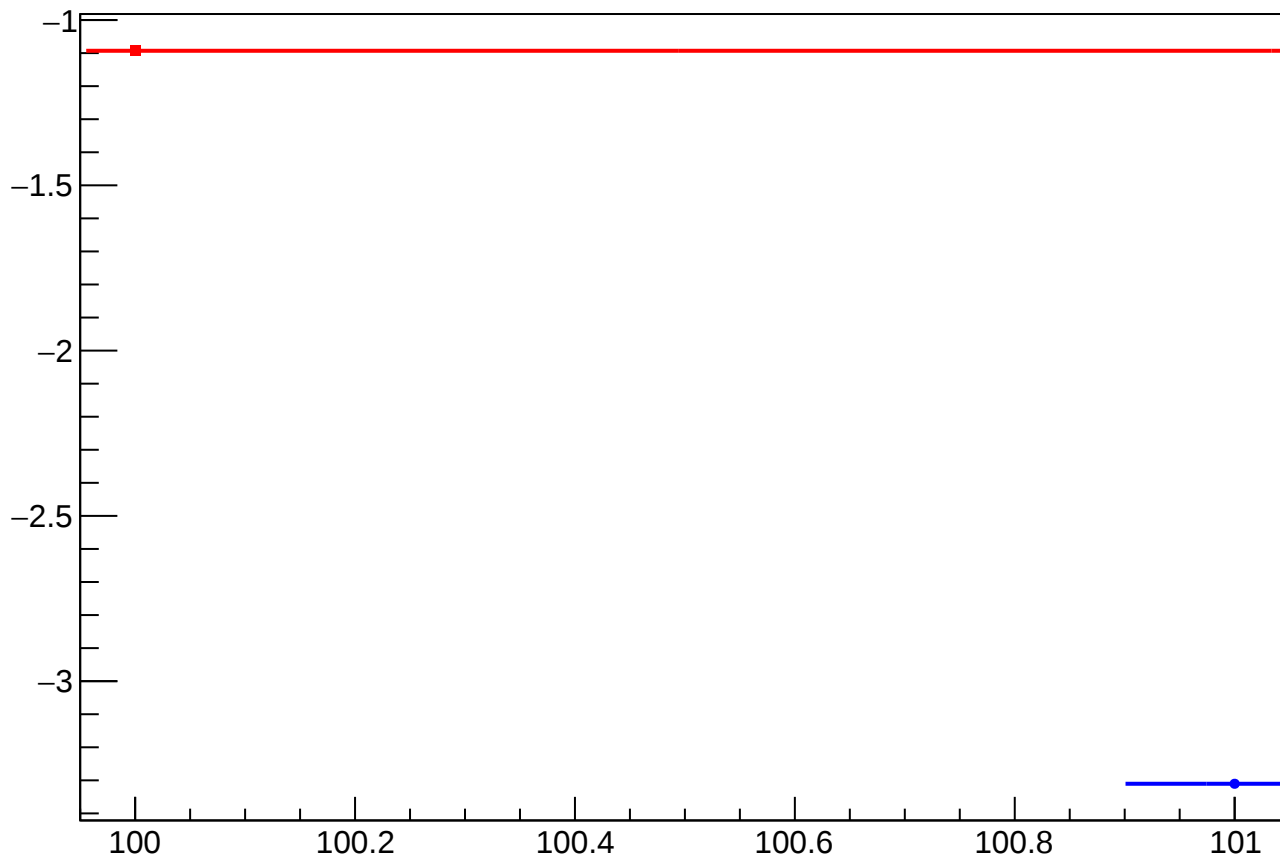
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 0.0/0

0.004+/-0.000 χ^2/NDF : 847.2/1

0.003+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -3.310+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.093+/-0.000 χ^2/NDF : 0.0/0

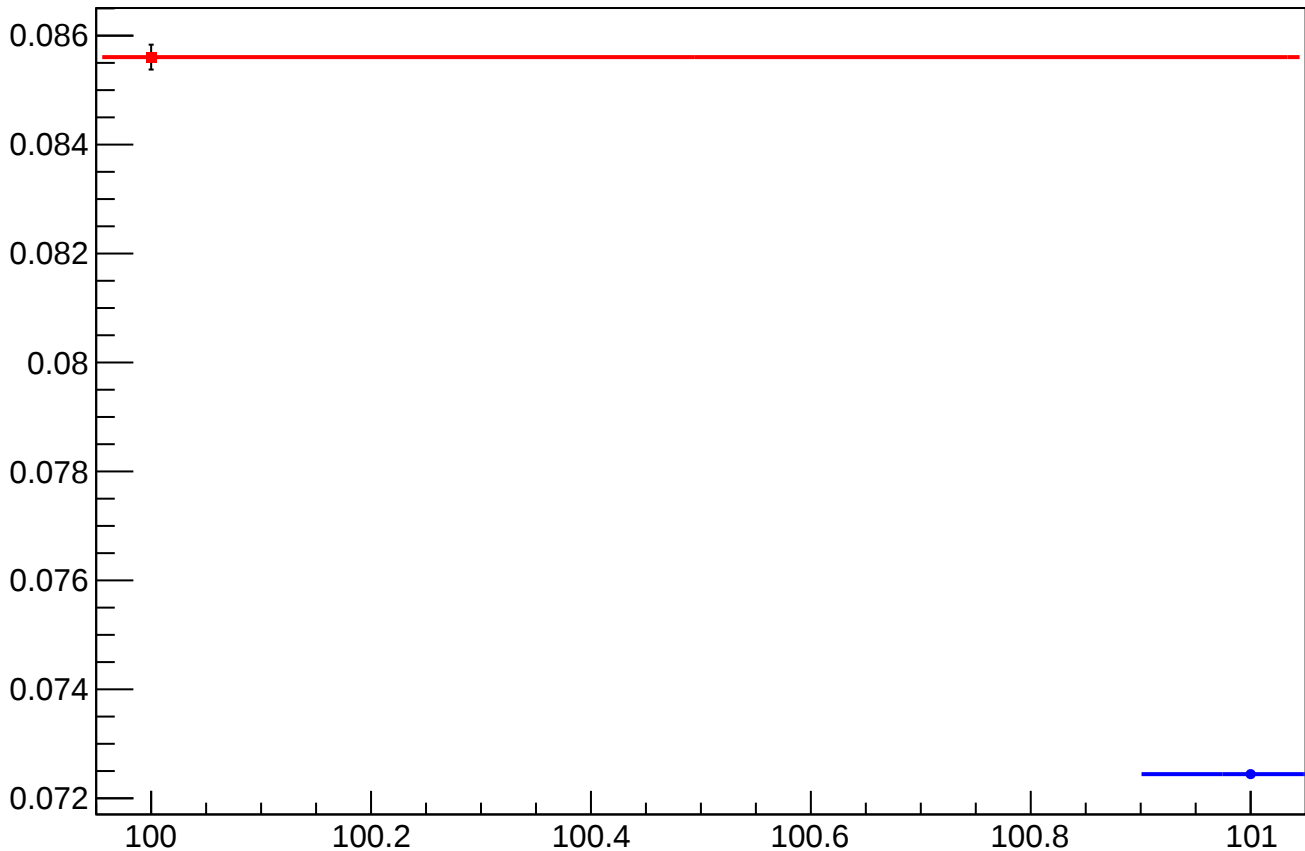
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-3.310+/-0.000 χ^2/NDF : 0.0/0

-3.134+/-0.000 χ^2/NDF : 43359848.5/1

-1.093+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.086+/-0.000 χ^2/NDF : 0.0/0

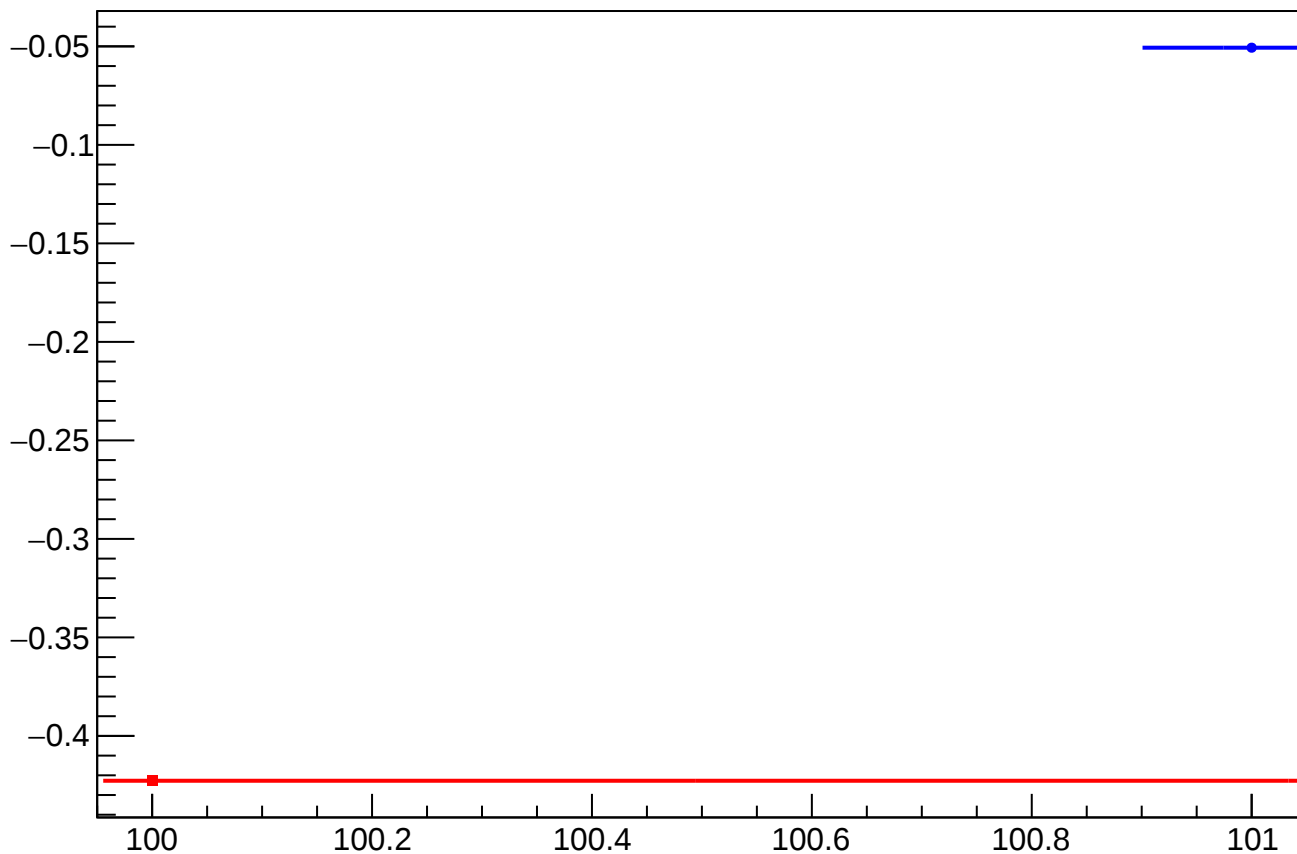
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.072+/-0.000 χ^2/NDF : 0.0/0

0.073+/-0.000 χ^2/NDF : 3055.9/1

0.086+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.051+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.423+/-0.000 χ^2/NDF : 0.0/0

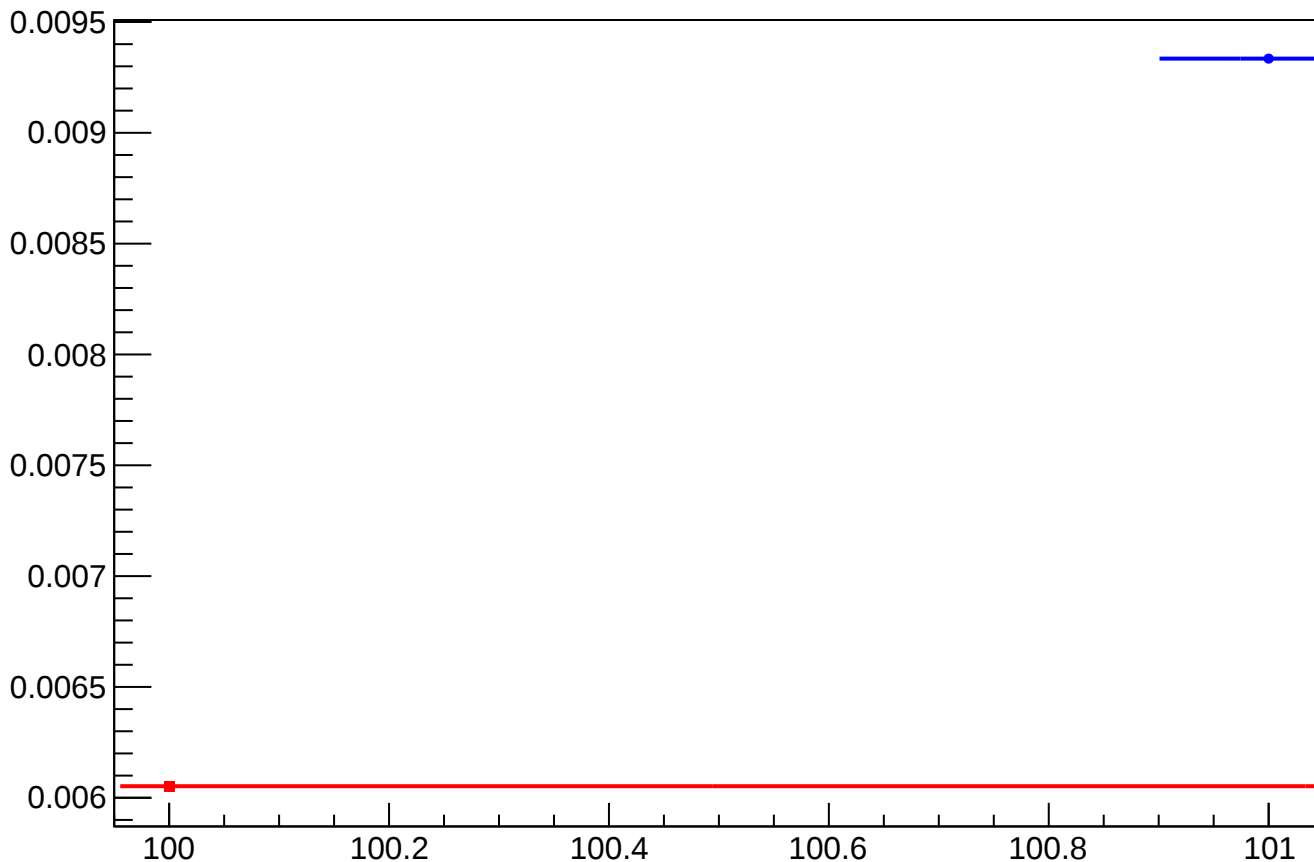
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

-0.051+/-0.000 χ^2/NDF : 0.0/0

-0.136+/-0.000 χ^2/NDF : 204707257.6/1

-0.423+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 0.0/0

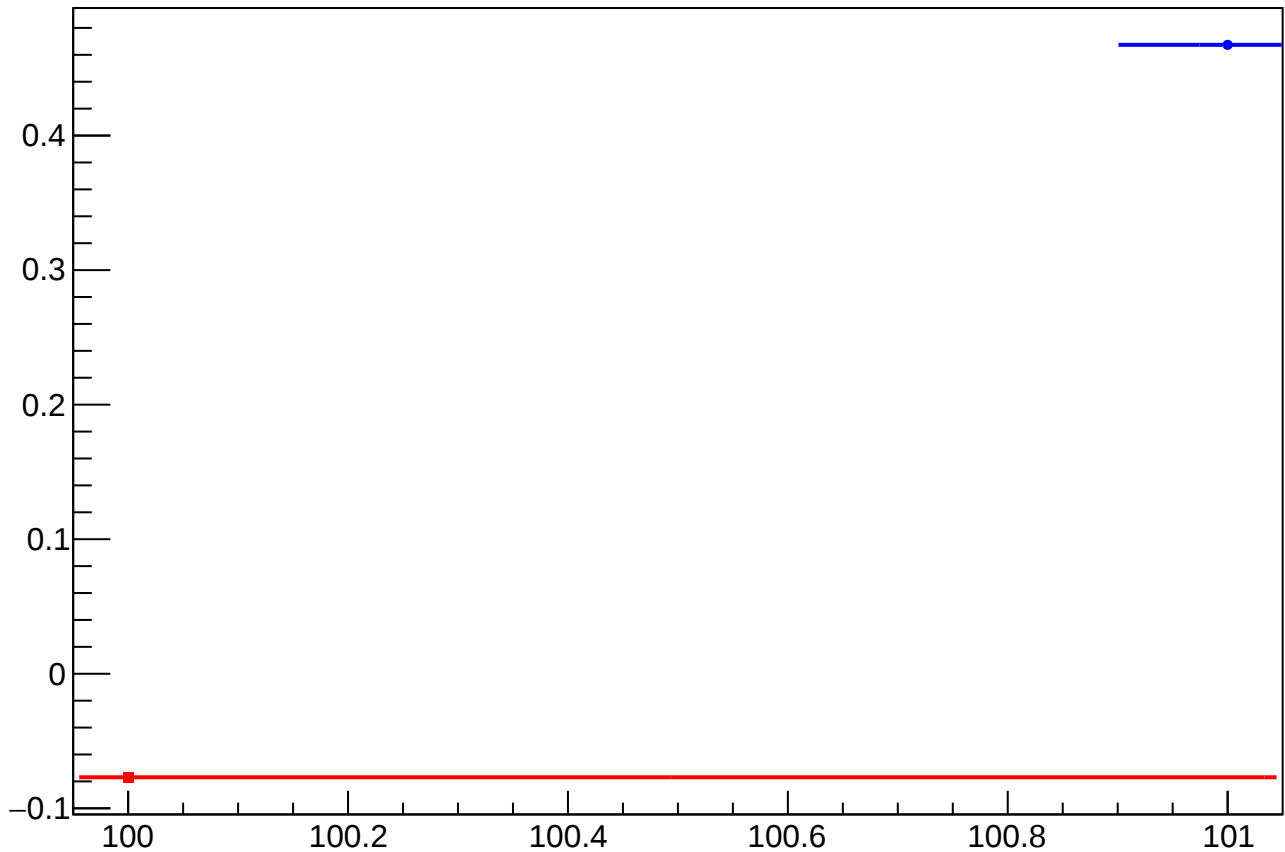
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 0.0/0

0.009+/-0.000 χ^2/NDF : 31865.4/1

0.006+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 0.467+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.077+/-0.000 χ^2/NDF : 0.0/0

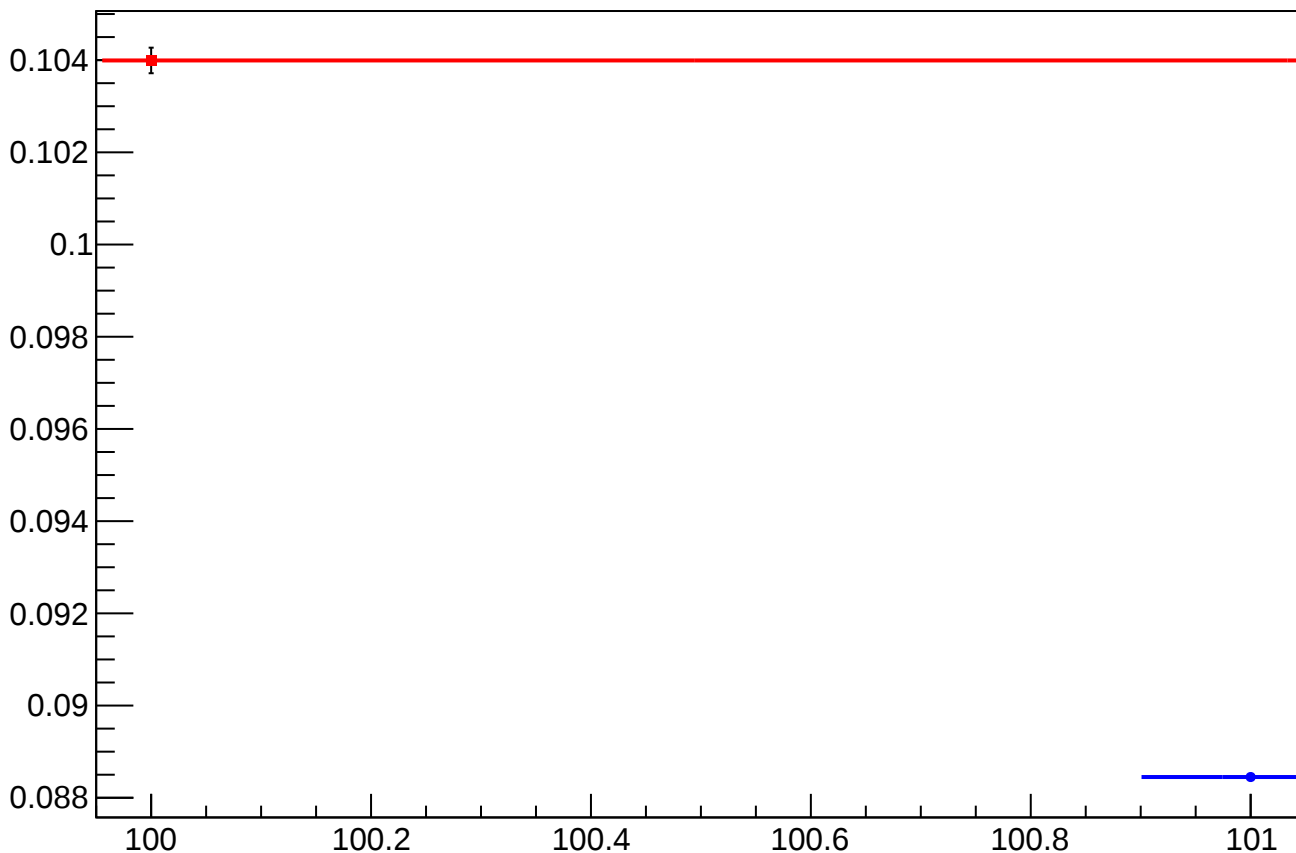
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.467+/-0.000 χ^2/NDF : 0.0/0

0.424+/-0.000 χ^2/NDF : 1773287.1/1

-0.077+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.088+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.104+/-0.000 χ^2/NDF : 0.0/0

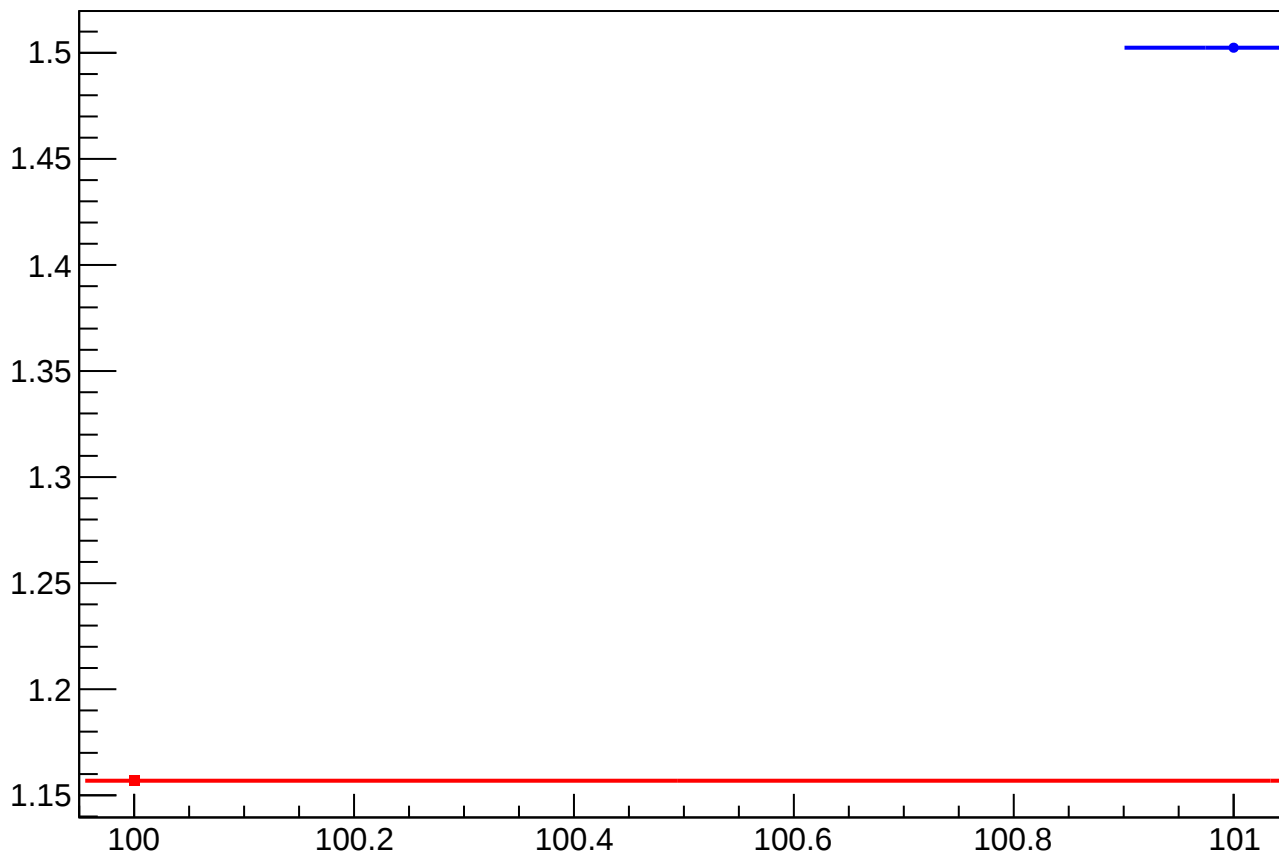
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.088+/-0.000 χ^2/NDF : 0.0/0

0.090+/-0.000 χ^2/NDF : 2891.3/1

0.104+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.502 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.157 $\pm$ 0.000 χ^2 /NDF: 0.0/0

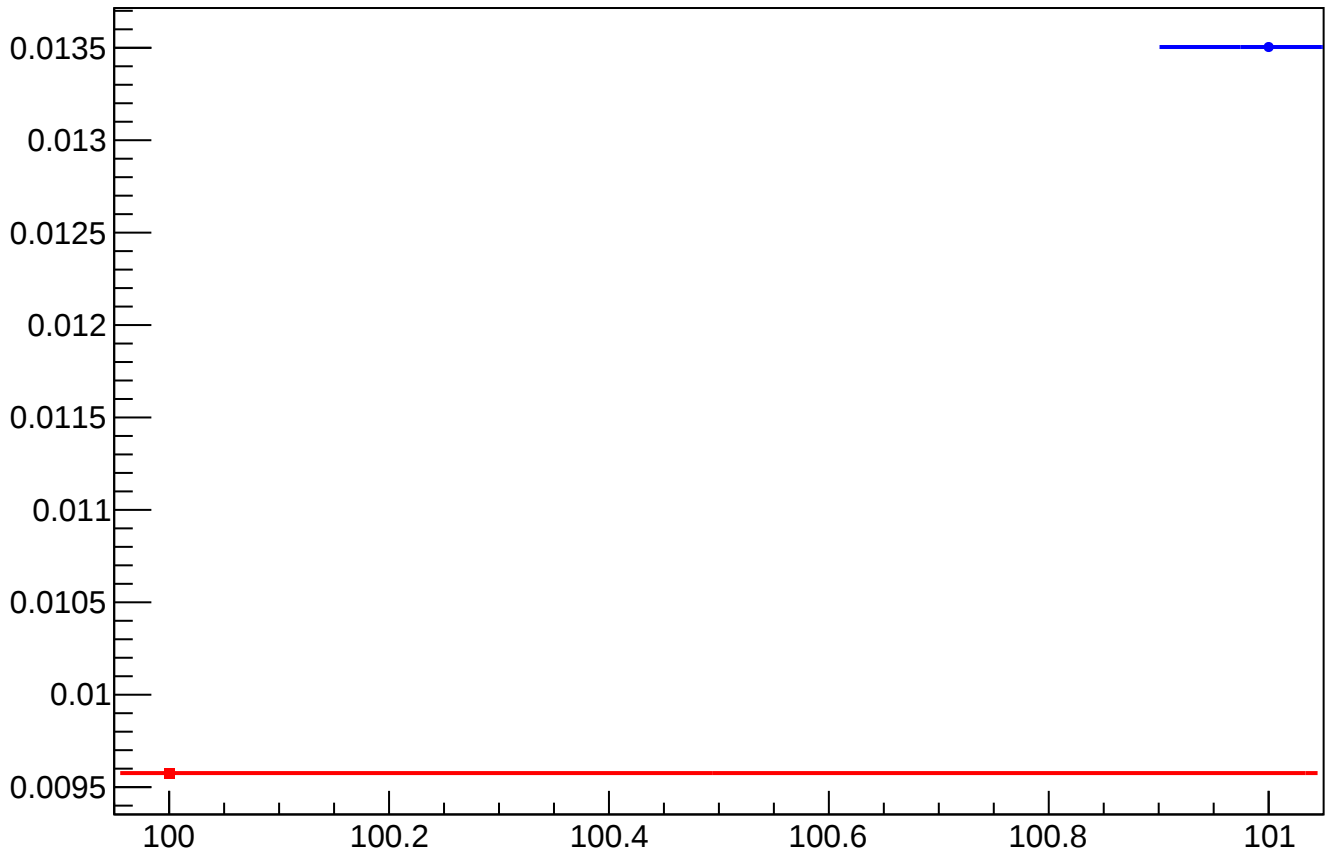
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.502 $\pm$ 0.000 χ^2 /NDF: 0.0/0

1.434 $\pm$ 0.000 χ^2 /NDF: 73431839.3/1

1.157 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 0.0/0

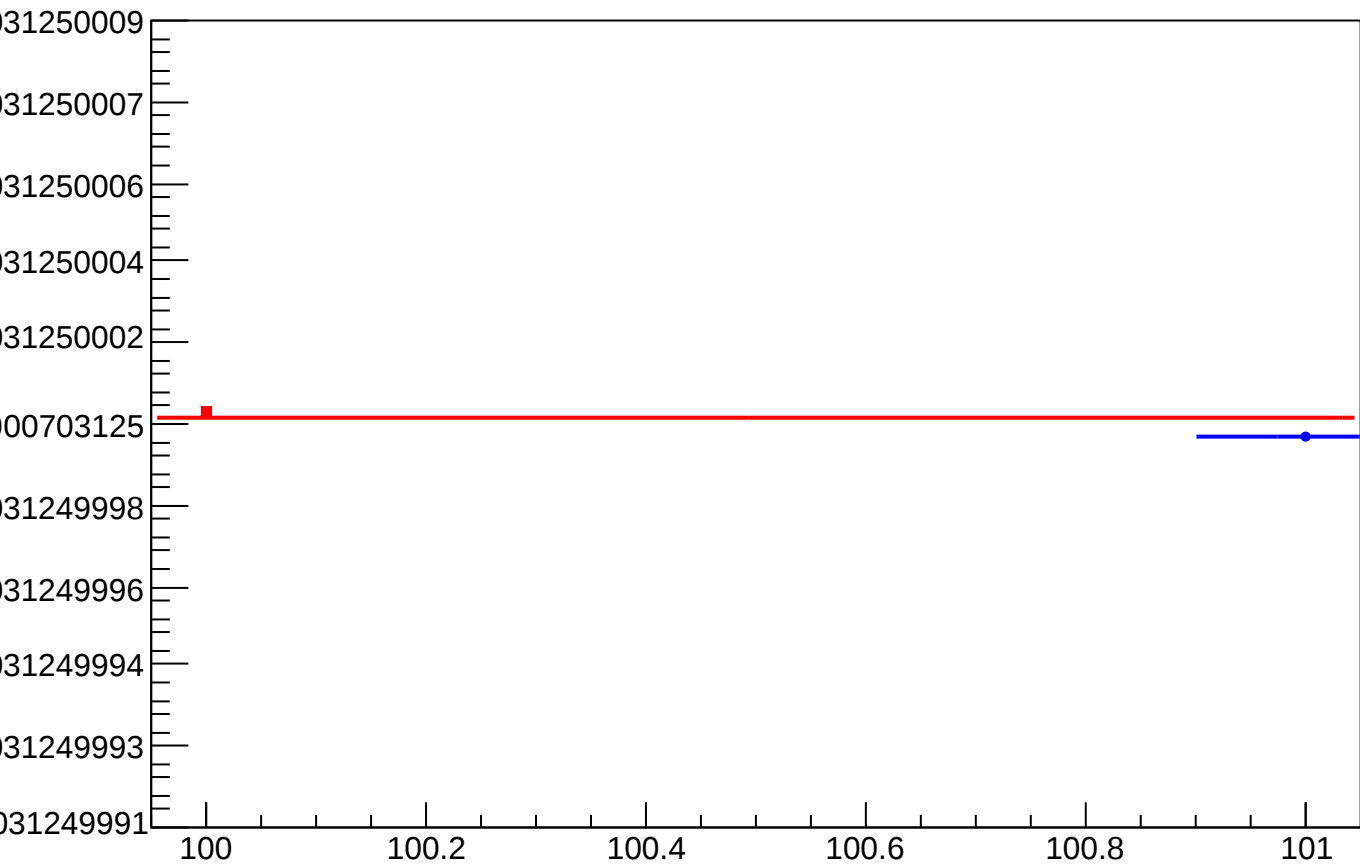
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

0.014+/-0.000 χ^2/NDF : 0.0/0

0.013+/-0.000 χ^2/NDF : 18978.9/1

0.010+/-0.000 χ^2/NDF : 0.0/0

epics_VWienAngles_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 88.001+/-0.000 χ^2 /NDF: 1413.6/0

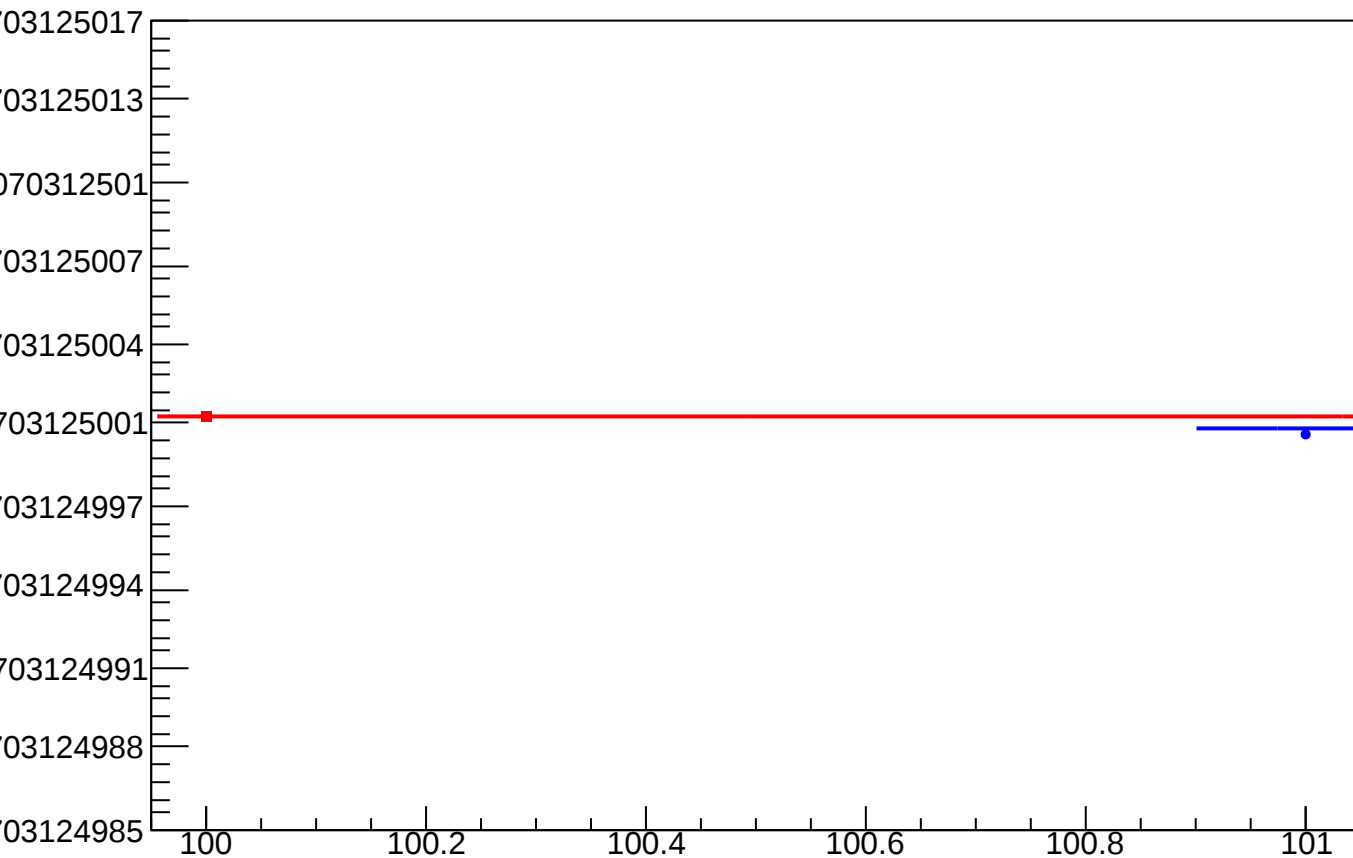
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

88.001+/-0.000 χ^2 /NDF: 0.0/0

88.001+/-0.000 χ^2 /NDF: 24637.7/1

88.001+/-0.000 χ^2 /NDF: 1413.6/0

epics_psub_pl_poss_mean vs Slug, Sign Corrected



Right In: 1500.001+/-0.000 χ^2/NDF : 3050228.5/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1500.001+/-0.000 χ^2/NDF : 0.0/0

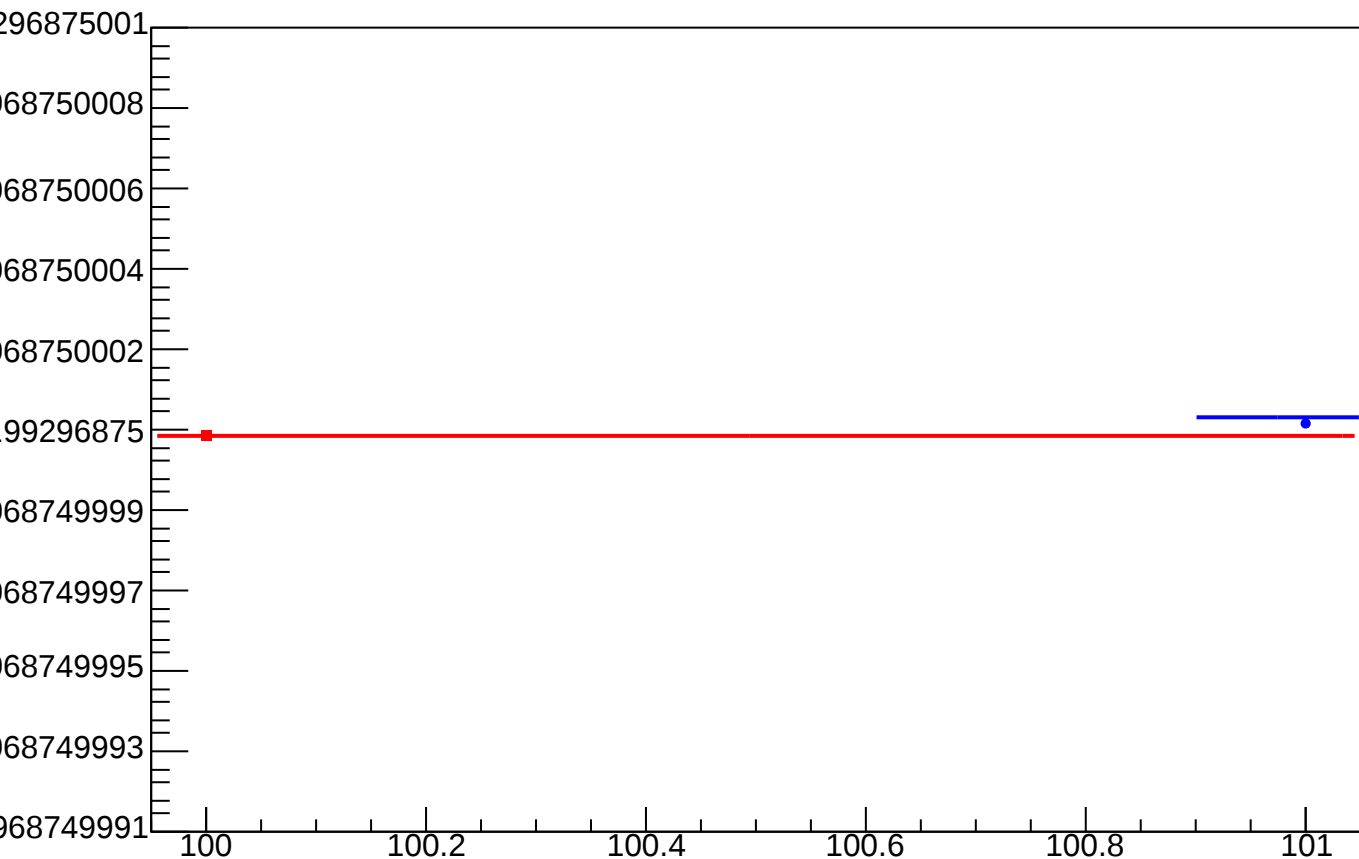
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

1500.001+/-0.000 χ^2/NDF : 3050228.5/0

1500.001+/-0.000 χ^2/NDF : 4497794.6/1

1500.001+/-0.000 χ^2/NDF : 0.0/0

epics_Phi_FGs_mean vs Slug, Sign Corrected



Right In: 91.199+/-0.000 χ^2 /NDF: 11915.0/0

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 91.199+/-0.000 χ^2 /NDF: 0.0/0

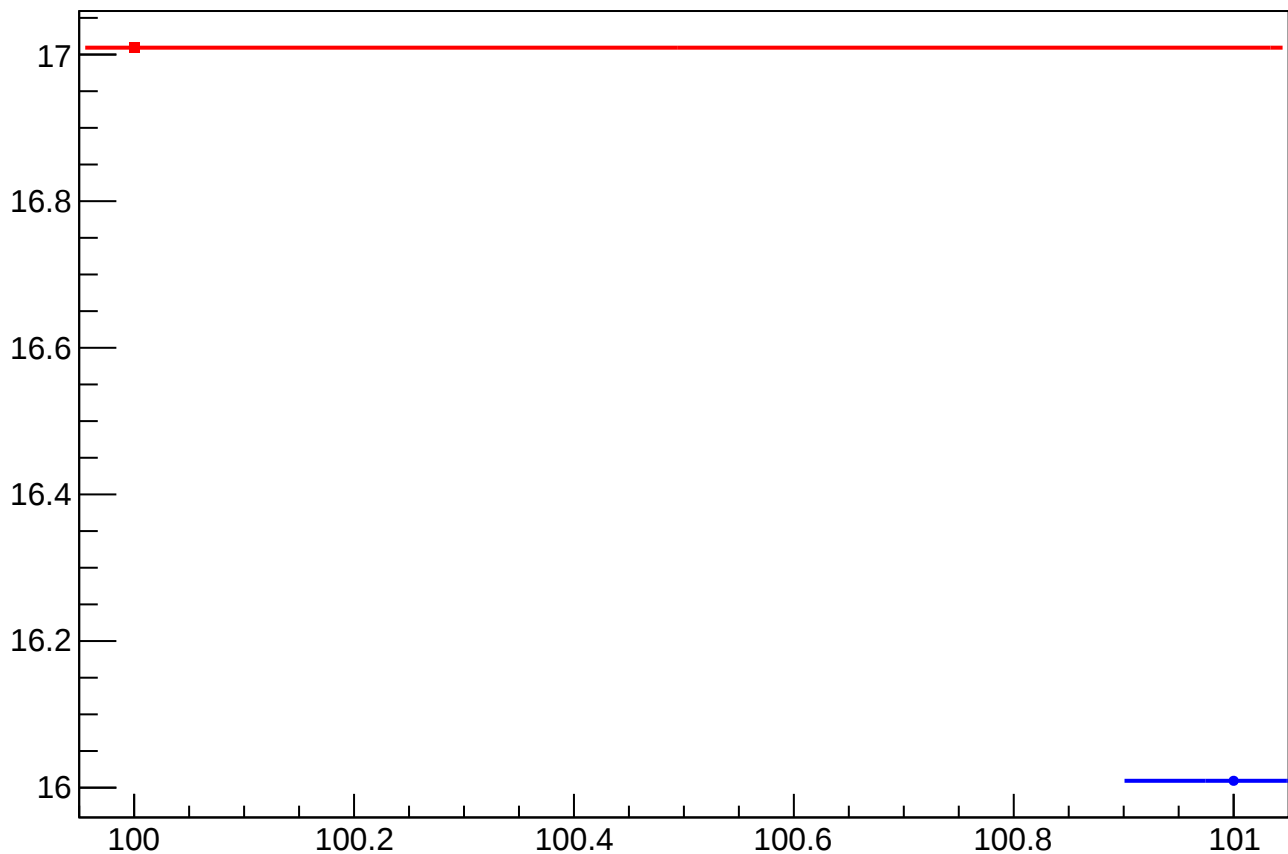
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

91.199+/-0.000 χ^2 /NDF: 11915.0/0

91.199+/-0.000 χ^2 /NDF: 24637.7/1

91.199+/-0.000 χ^2 /NDF: 0.0/0

epics_IGL1I00DI24_24Ms_mean vs Slug, Sign Corrected



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

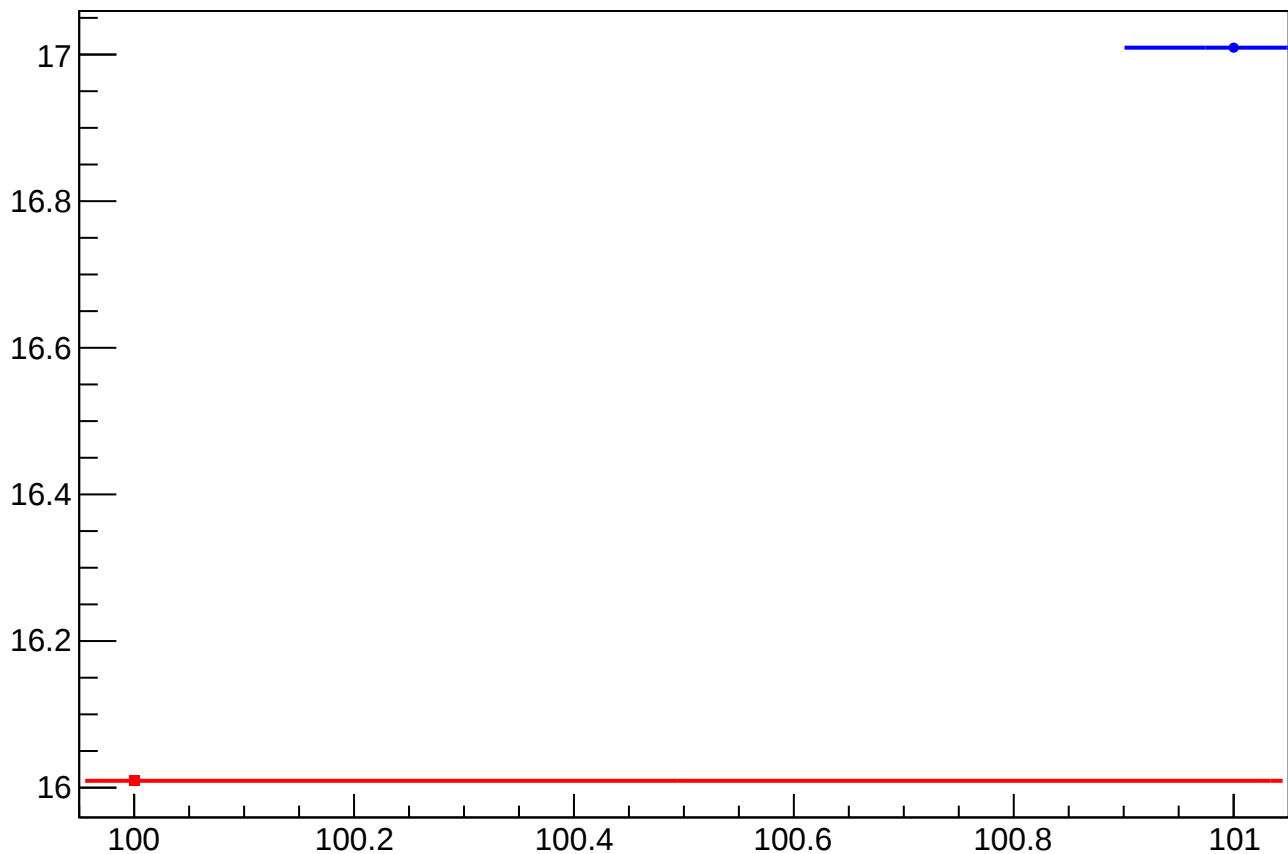
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

16.115 $\pm$ 0.000 χ^2 /NDF: 6257575757575

17.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

epics_IGL1I00OD16_16s_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 16.009 $\pm$ 0.000 χ^2/NDF : 0.0/0

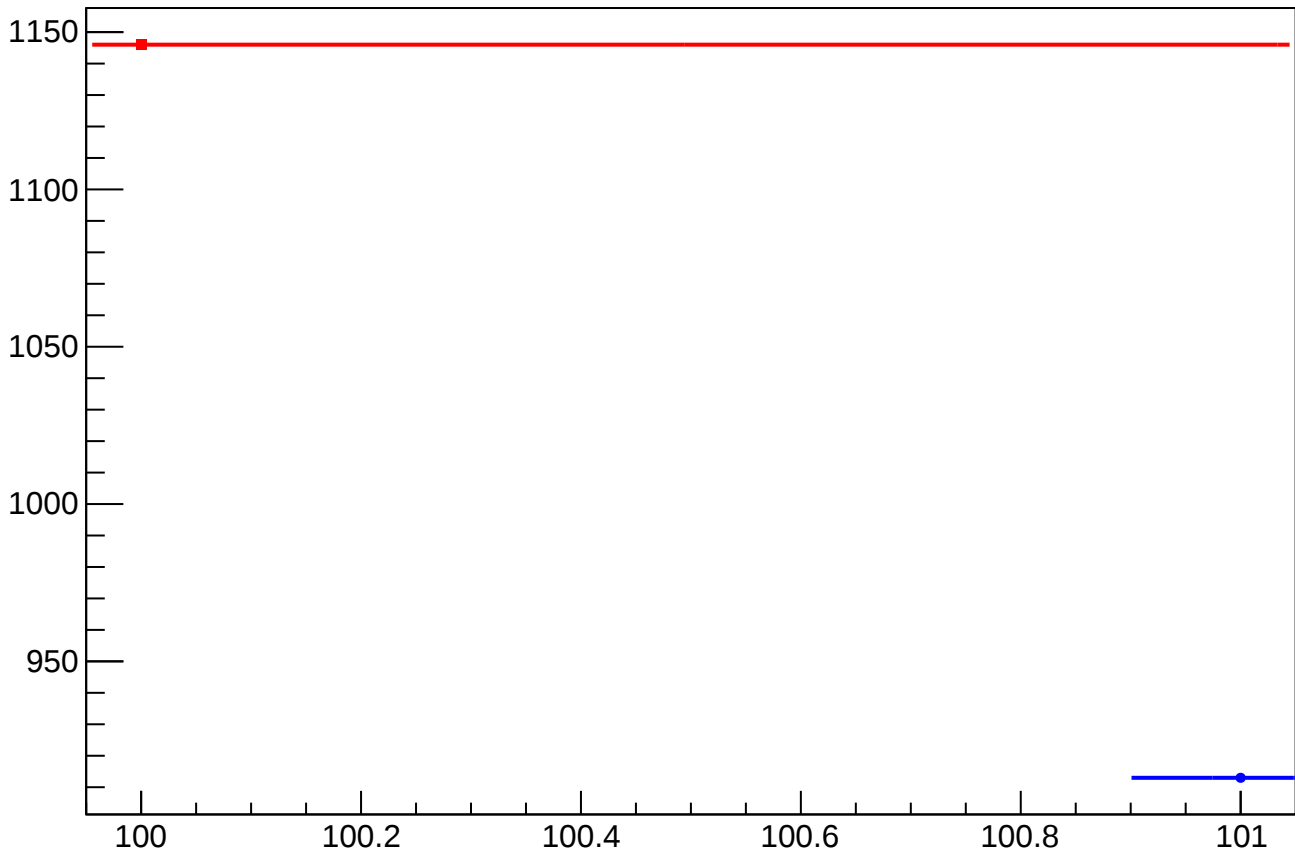
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

17.009 $\pm$ 0.000 χ^2/NDF : 0.0/0

16.887 $\pm$ 0.000 χ^2/NDF : 6140350877192

16.009 $\pm$ 0.000 χ^2/NDF : 0.0/0

epics_RTPAPOSUCNTs_mean vs Slug, Sign Corrected



Right In: 912.991 $\pm$ 0.000 χ^2 /NDF: 762557.1/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1146.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

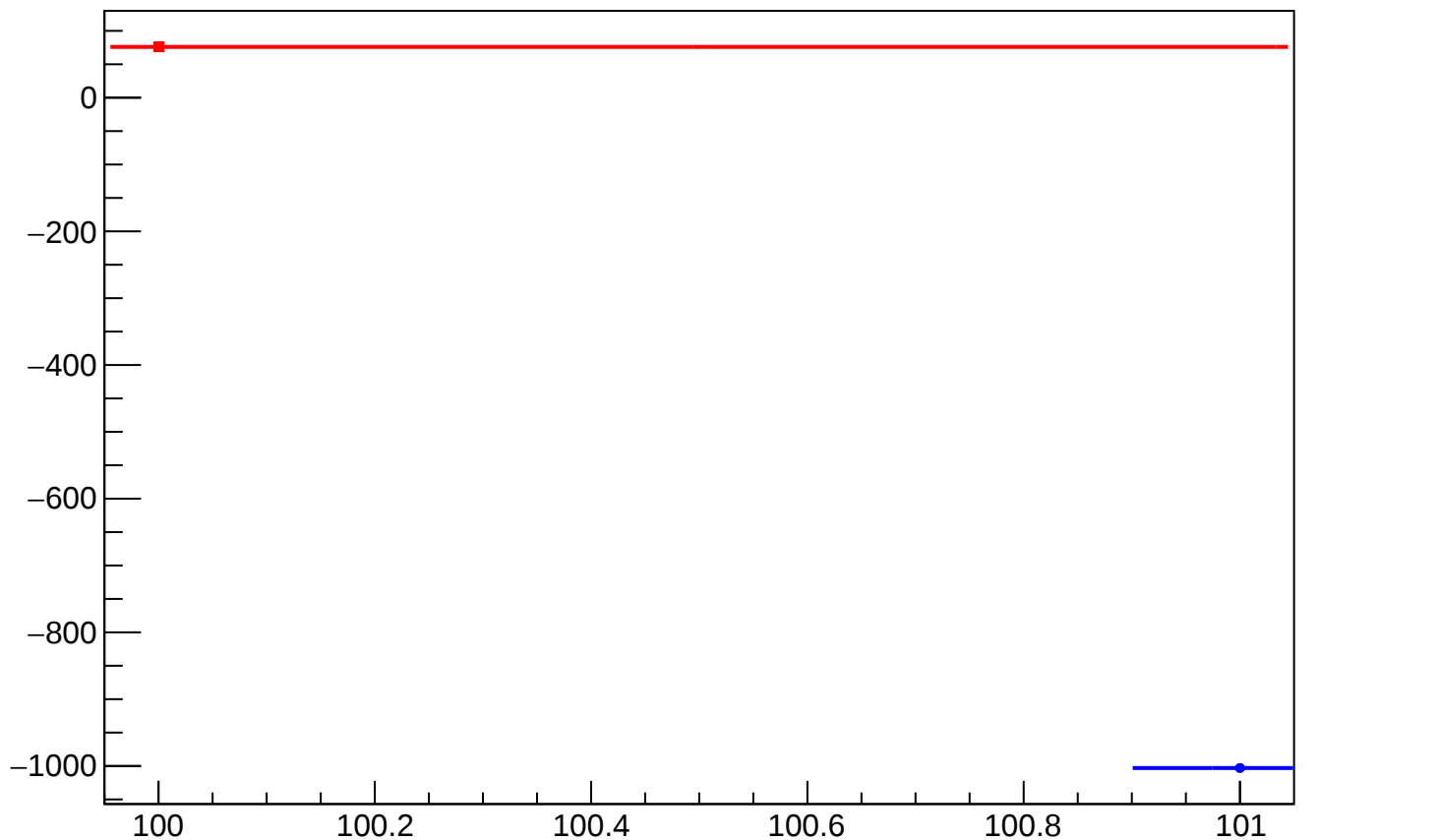
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

912.991 $\pm$ 0.000 χ^2 /NDF: 762557.1/0

937.705 $\pm$ 0.000 χ^2 /NDF: 339772208071

1146.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

epics_RTPAPOSVCNTs_mean vs Slug, Sign Corrected



Right In: -1002.991 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 76.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-1002.991 $\pm$ 0.000 χ^2 /NDF: 0.0/0

-888.551 $\pm$ 0.000 χ^2 /NDF: 72853262575

76.009 $\pm$ 0.000 χ^2 /NDF: 0.0/0