$\chi^2 = 12.1827 \pm 5.1818$
$\chi^2 = 11.6762 \pm 5.0388$
$\Delta\chi^2 = (0.506 \pm 7.228) \times 10^0$

real radialgauss void_nowt_parabola_case3 χ^2

real radialgauss gal_nowt χ^2