$$\chi^2 = 14.7821 \pm 5.8735$$
 $\chi^2 = 12.8237 \pm 4.8903$
 $\Delta \chi^2 = (1.958 \pm 7.643) \times 10^0$
 $\Delta \chi^2 = 12.8237 \pm 4.8903$