$$\chi^2 = 11.6249 \pm 4.9219$$
 $\chi^2 = 14.9919 \pm 5.2239$ 
 $\chi^2 = 14.9919 \pm 5.2239$ 
 $\chi^2 = 14.9919 \pm 5.2239$ 
 $\chi^2 = 14.9919 \pm 5.2239$