

Constant Fit
 $p_0 = 1.01 \pm 0.12$
 $\chi^2_{red} = 0.67$
 $p_{val} = 0.70$

Linear Fit
 $p_0 = 1.30 \pm 0.24$
 $p_1 = -1.40 \pm 0.98$
 $\chi^2_{red} = 0.44$
 $p_{val} = 0.85$

