

Constant Fit
 $p_0 = 1.02 \pm 0.13$
 $\chi^2_{red} = 0.82$
 $p_{val} = 0.57$

Linear Fit
 $p_0 = 1.42 \pm 0.26$
 $p_1 = -1.81 \pm 1.02$
 $\chi^2_{red} = 0.43$
 $p_{val} = 0.86$

