

Constant Fit
 $p_0 = 0.86 \pm 0.12$
 $\chi^2_{red} = 1.29$
 $p_{val} = 0.27$

Linear Fit
 $p_0 = 1.31 \pm 0.23$
 $p_1 = -1.73 \pm 0.77$
 $\chi^2_{red} = 0.33$
 $p_{val} = 0.86$

