

Constant Fit
 $p_0 = 0.91 \pm 0.15$
 $\chi^2_{red} = 1.17$
 $p_{val} = 0.32$

Linear Fit
 $p_0 = 1.42 \pm 0.29$
 $p_1 = -1.88 \pm 0.88$
 $\chi^2_{red} = 0.33$
 $p_{val} = 0.86$

