

Constant Fit
 $p_0 = 1.12 \pm 0.15$
 $\chi^2_{red} = 0.30$
 $\rho_{val} = 0.95$

Linear Fit
 $p_0 = 1.23 \pm 0.26$
 $p_1 = -0.61 \pm 1.20$
 $\chi^2_{red} = 0.31$
 $\rho_{val} = 0.93$

