

Constant Fit
 $p_0 = 0.95 \pm 0.13$
 $\chi^2_{red} = 1.24$
 $p_{val} = 0.27$

Linear Fit
 $p_0 = 1.44 \pm 0.25$
 $p_1 = -2.07 \pm 0.91$
 $\chi^2_{red} = 0.68$
 $p_{val} = 0.69$

