

Constant Fit
 $p_0 = 0.81 \pm 0.12$
 $\chi^2_{red} = 1.16$
 $p_{val} = 0.32$

Linear Fit
 $p_0 = 1.29 \pm 0.22$
 $p_1 = -1.94 \pm 0.76$
 $\chi^2_{red} = 0.28$
 $p_{val} = 0.95$

