

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 1K$, $N_{\text{ages}} = 1$, $\mu = 40.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$, $\rho = 100.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\epsilon_{\rho} = 0.0$, $\text{age}_{\text{mixing}} = 1.0$, $\text{algo} = 2$

