

$N_{\text{tot}} = 100K$ ,  $N_{\text{init}} = 100$ ,  $N_{\text{ages}} = 1$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_{\beta} = 1.0$ ,  $\rho = 100.0$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\epsilon_{\rho} = 0.01$ ,  $\beta_{\text{scaling}} = 1.0$ ,  $\text{age}_{\text{mixing}} = 1.0$ ,  $\text{algo} = 2$

