

$$N_{\text{tot}} = 580K, N_{\text{init}} = 100, \rho = 0.1, \epsilon_{\rho} = 0.04, \mu = 40.0, \beta = 0.01, \sigma_{\beta} = 1.0$$

$$\lambda_E = 1.0, \lambda_I = 1.0, \text{algo} = 2$$

