$N_{\text{tot}} = 580K, \ N_{\text{init}} = 100, \ N_{\text{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 150.0, \ \lambda_E = 1.0, \ \lambda_I = 1.0, \ f_{02} = 0.0, \ \text{age}_{\text{mixing}} = 1.0, \ \text{connect}_{\text{algo}} = 1.0, \ \lambda_I = 1.0$

