$$N_{\rm tot} = 580K$$
,  $\rho = 0.0$ ,  $\epsilon_{\rho} = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_{\mu} = 0.0$ ,  $\beta = 0.01$ , algo = 2,  $N_{\rm init} = 100$   $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\rm retries}^{\rm connect} = 0$ , v. = 1.0

