

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

