

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_{\rho} = 0.04$, $\mu = 40.0$, $\sigma_{\mu} = 0.0$, $\sigma_{\beta} = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = *True*, v. = 1.0

