

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_{\rho} = 0.04$, $\mu = 40.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.01$, $\sigma_{\beta} = 0.0$
 $\lambda_E = 1.0$, algo = 2

