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

