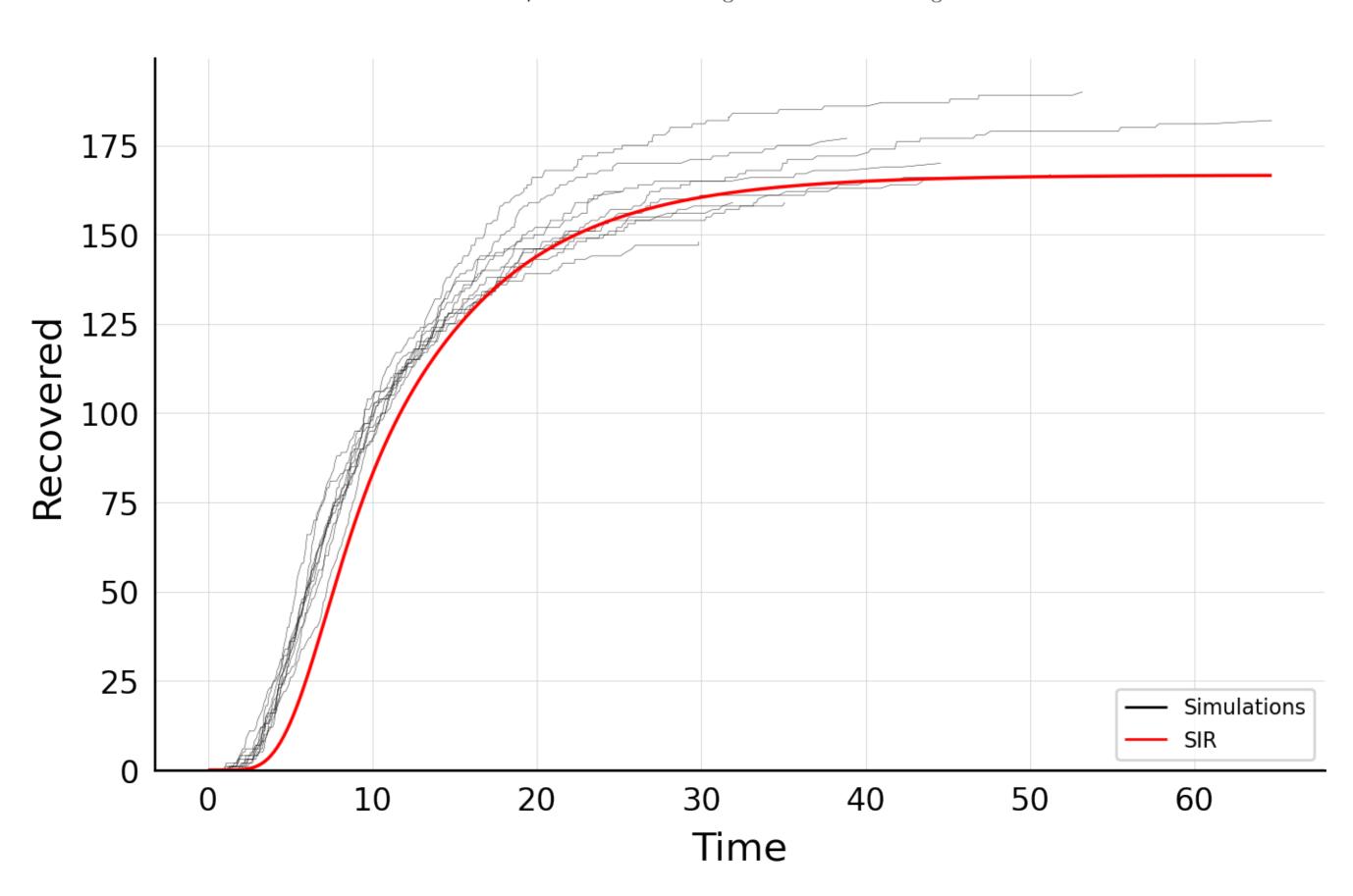
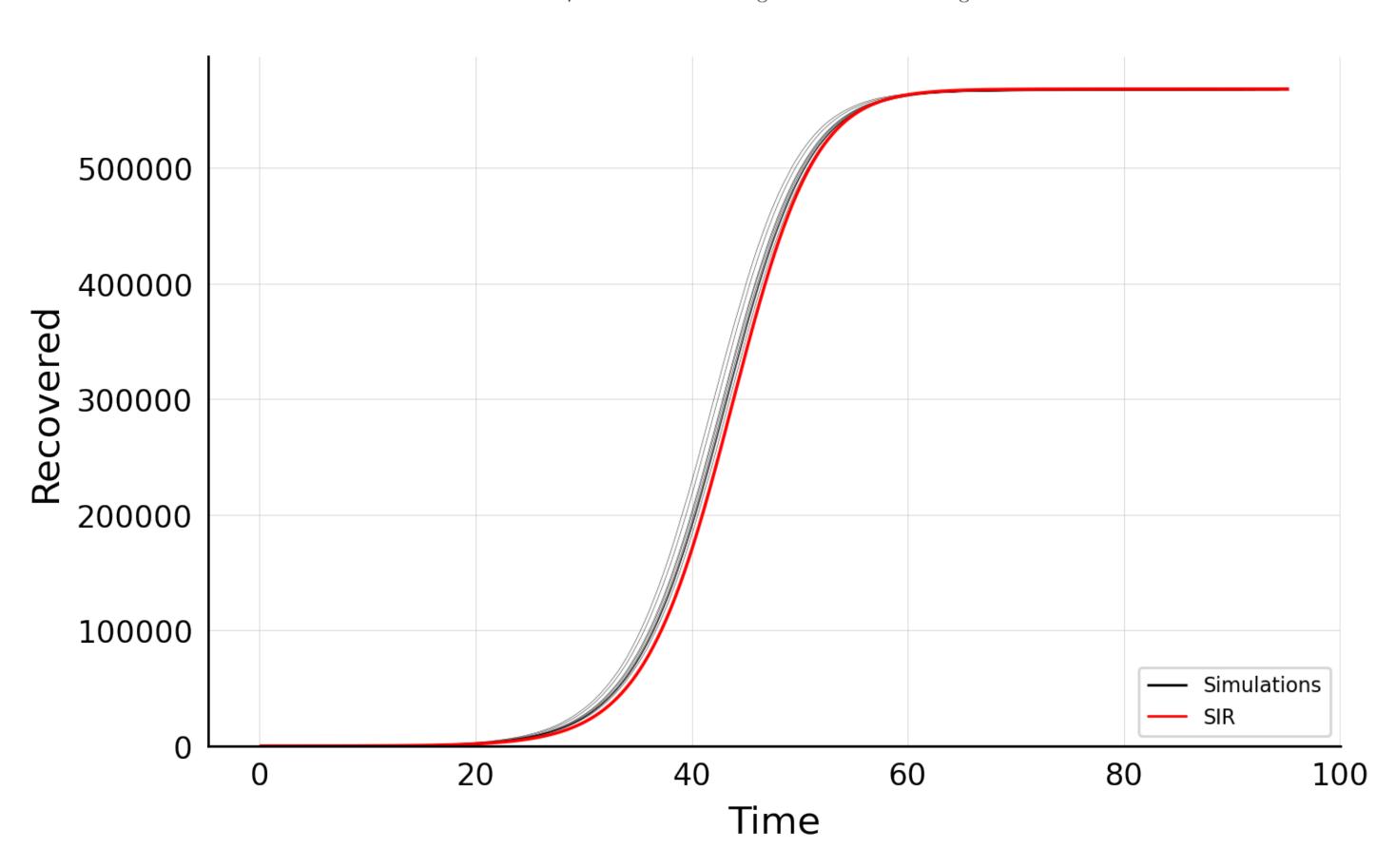
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$

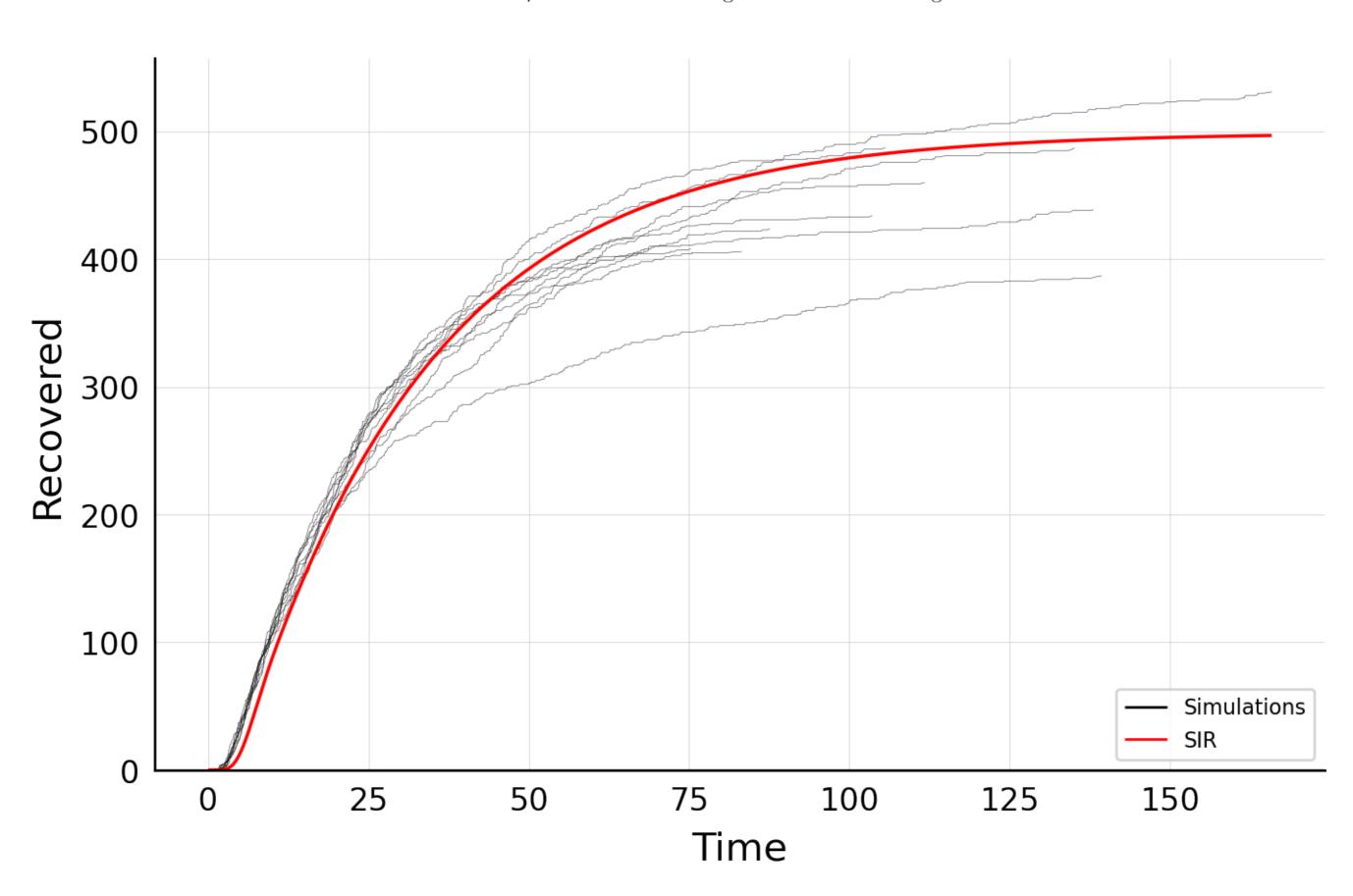


$$N_{
m tot} = 580 K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 100.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#10$

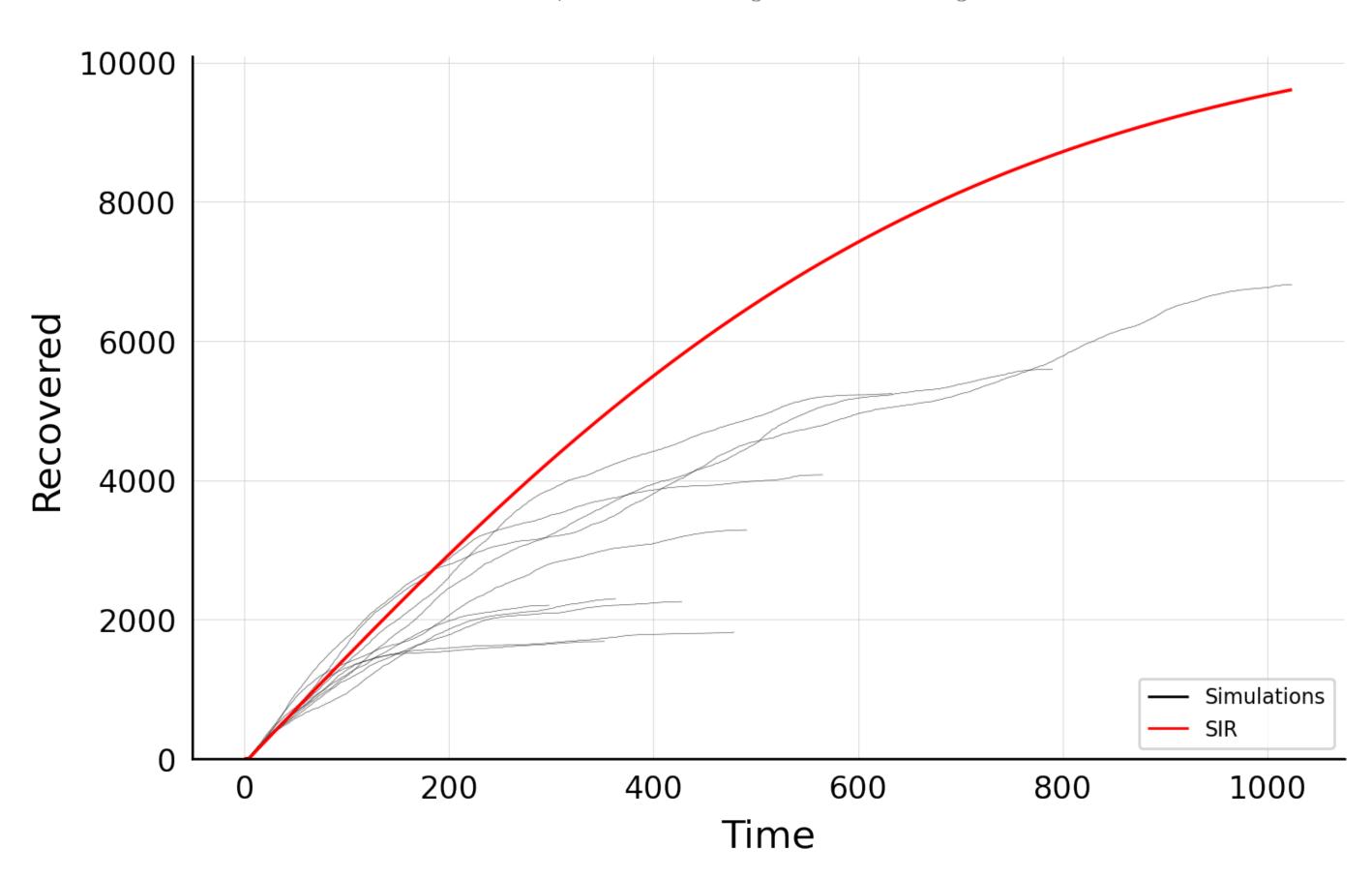


$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 20.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$

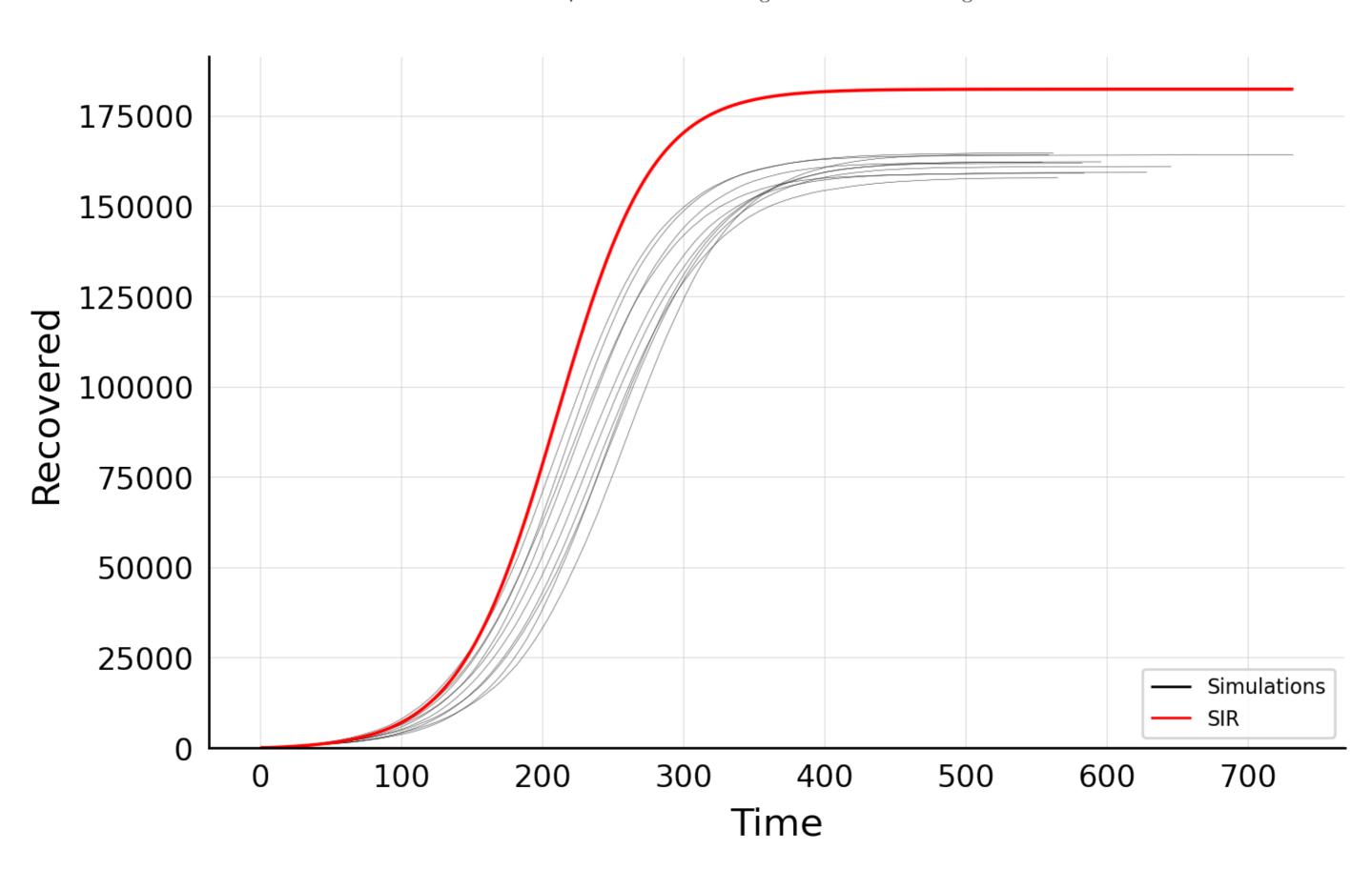


$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 25.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0 \ \lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$$



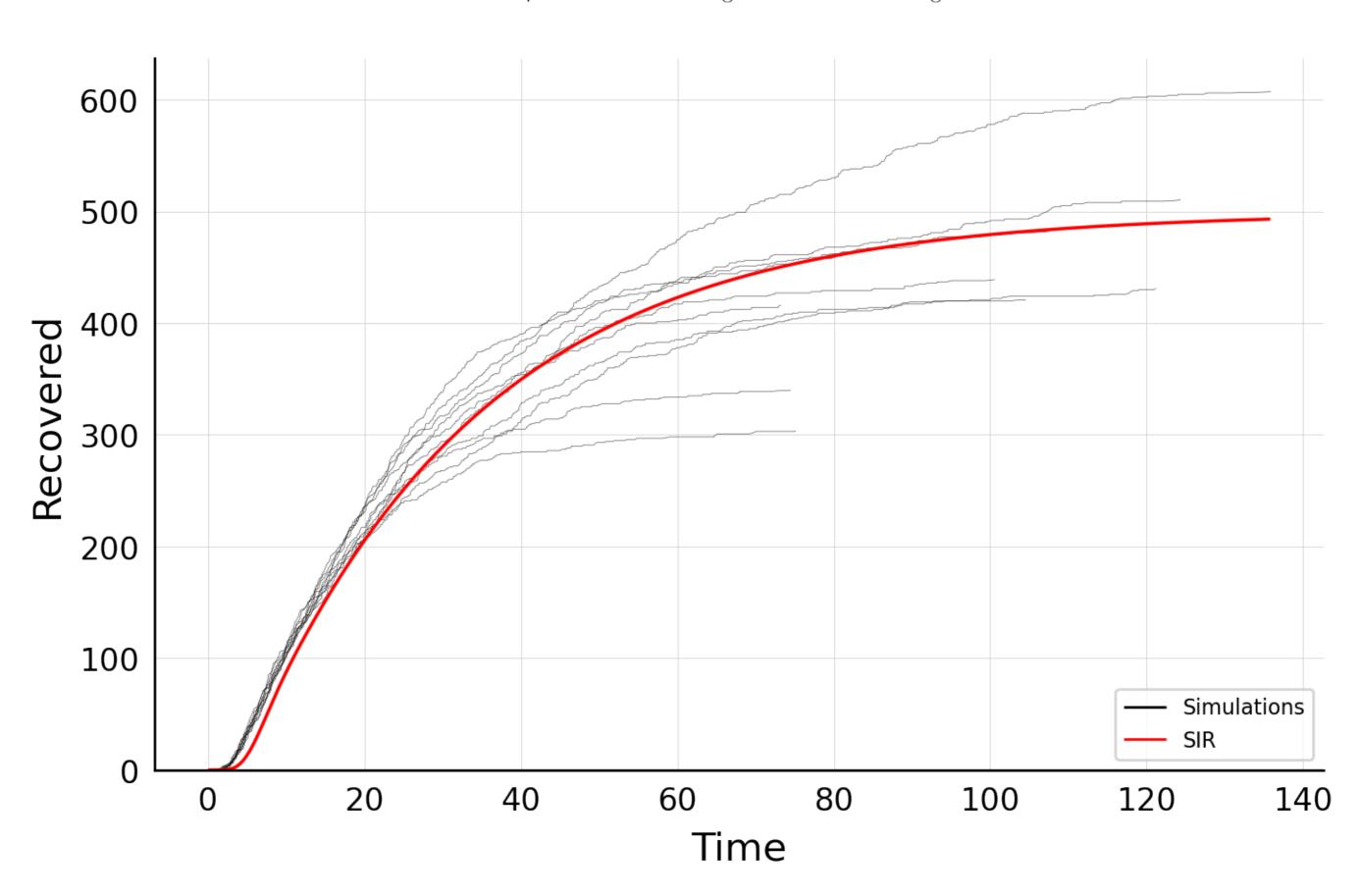
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 30.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$



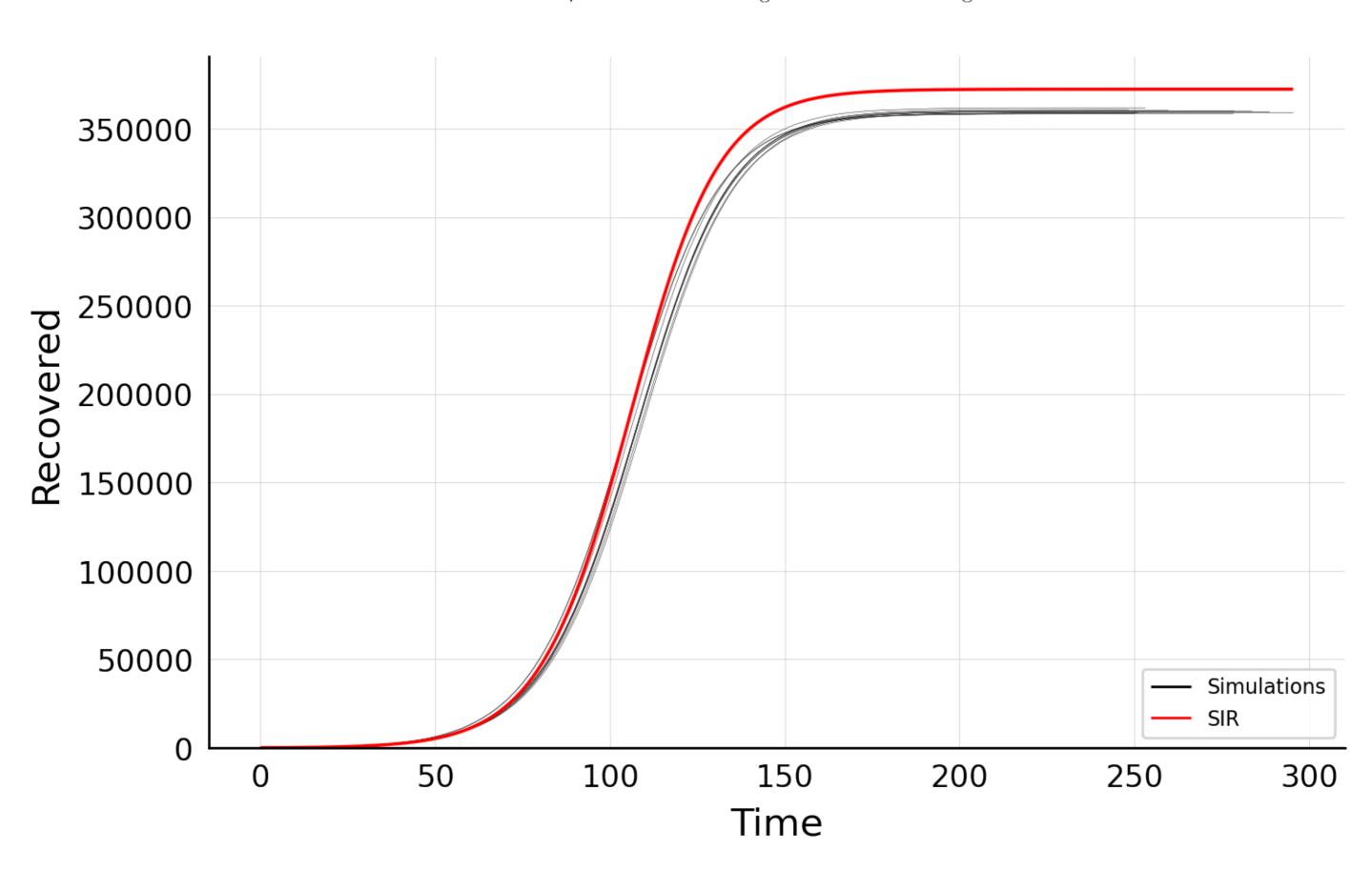
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.005, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$

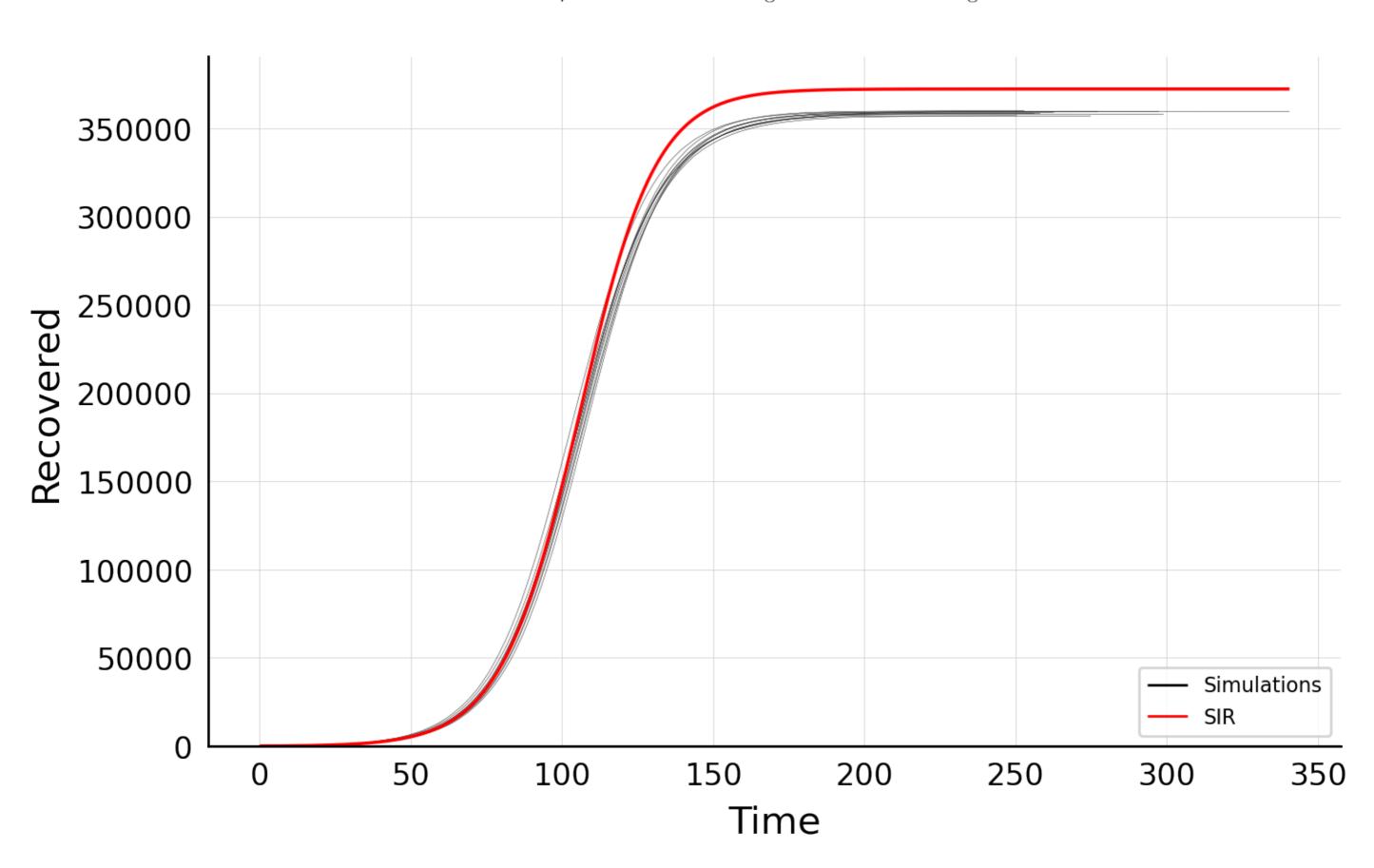


$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$

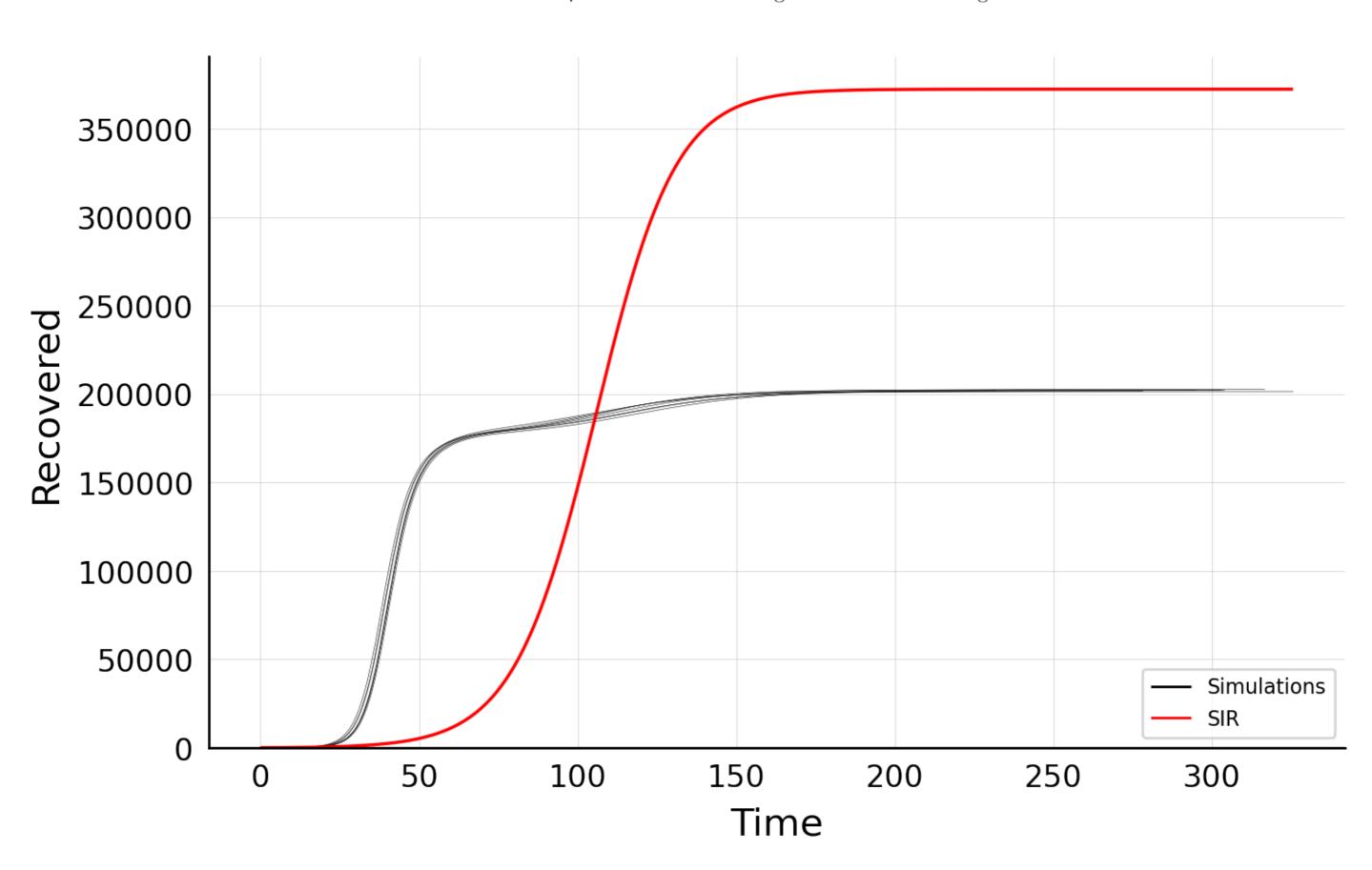


$$N_{\mathrm{tot}} = 580 K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.005, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#10$



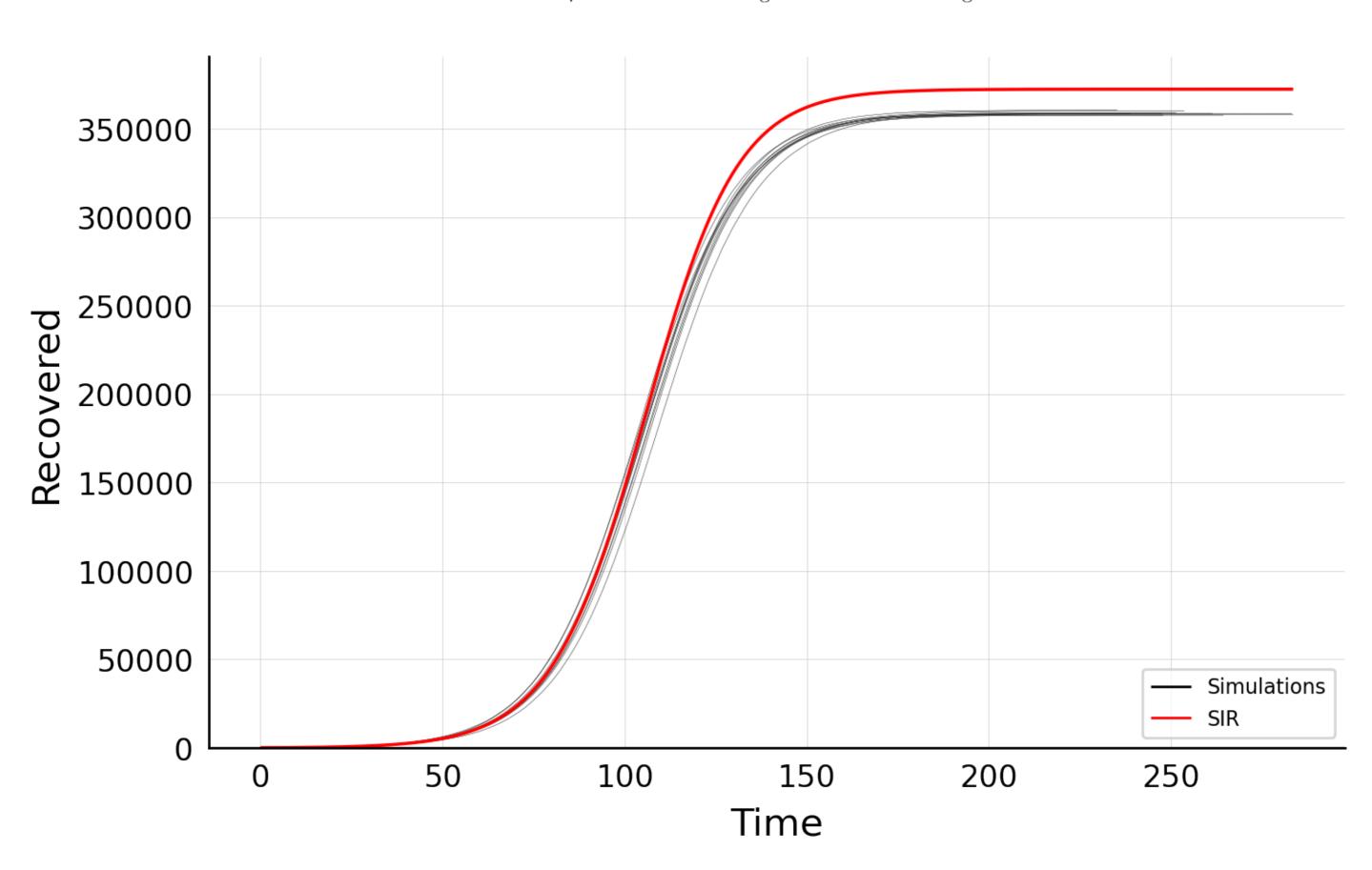
$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

$$\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.005, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 2, \ \#7$$



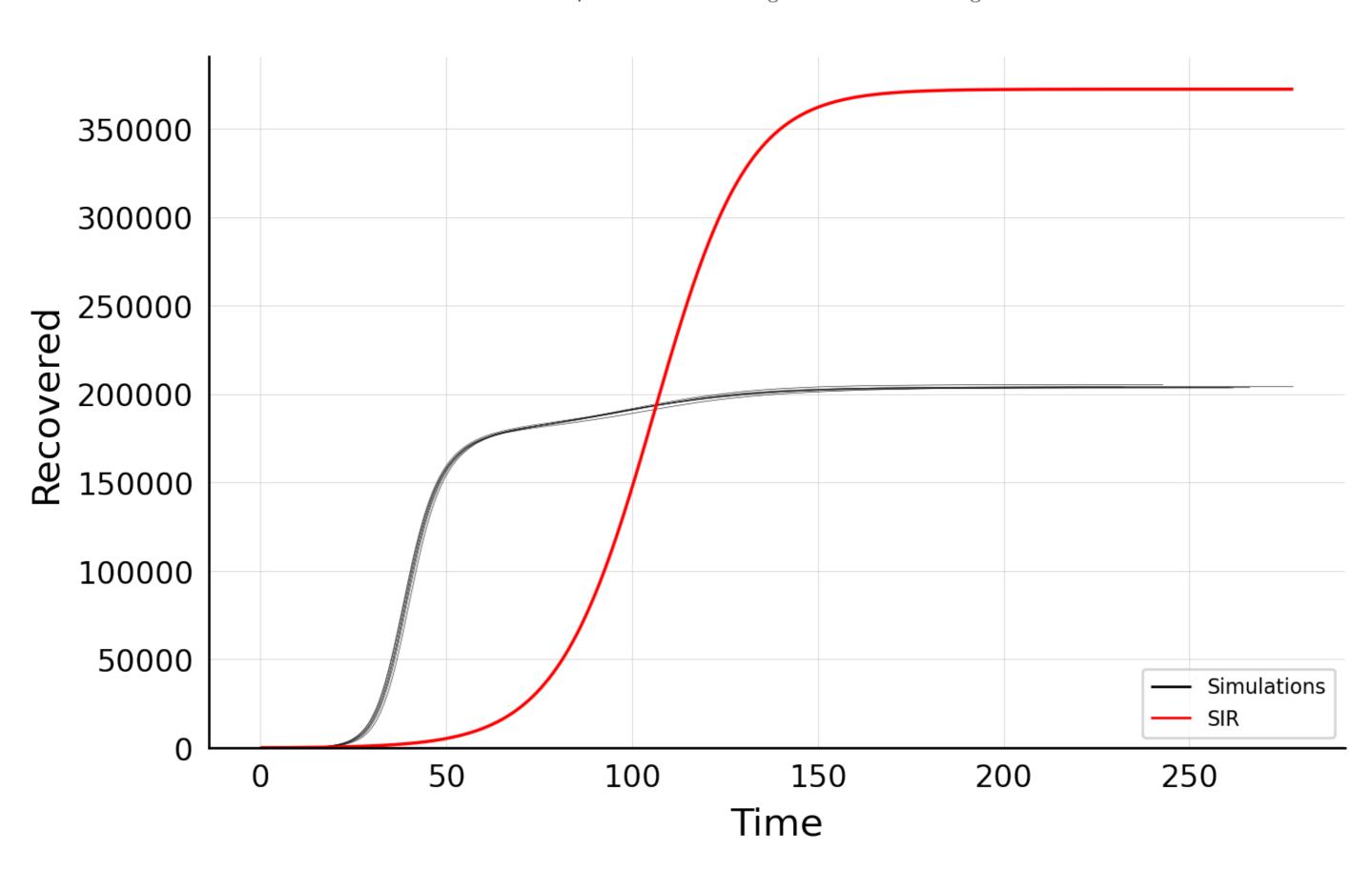
$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

$$\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 1, \ \#10$$



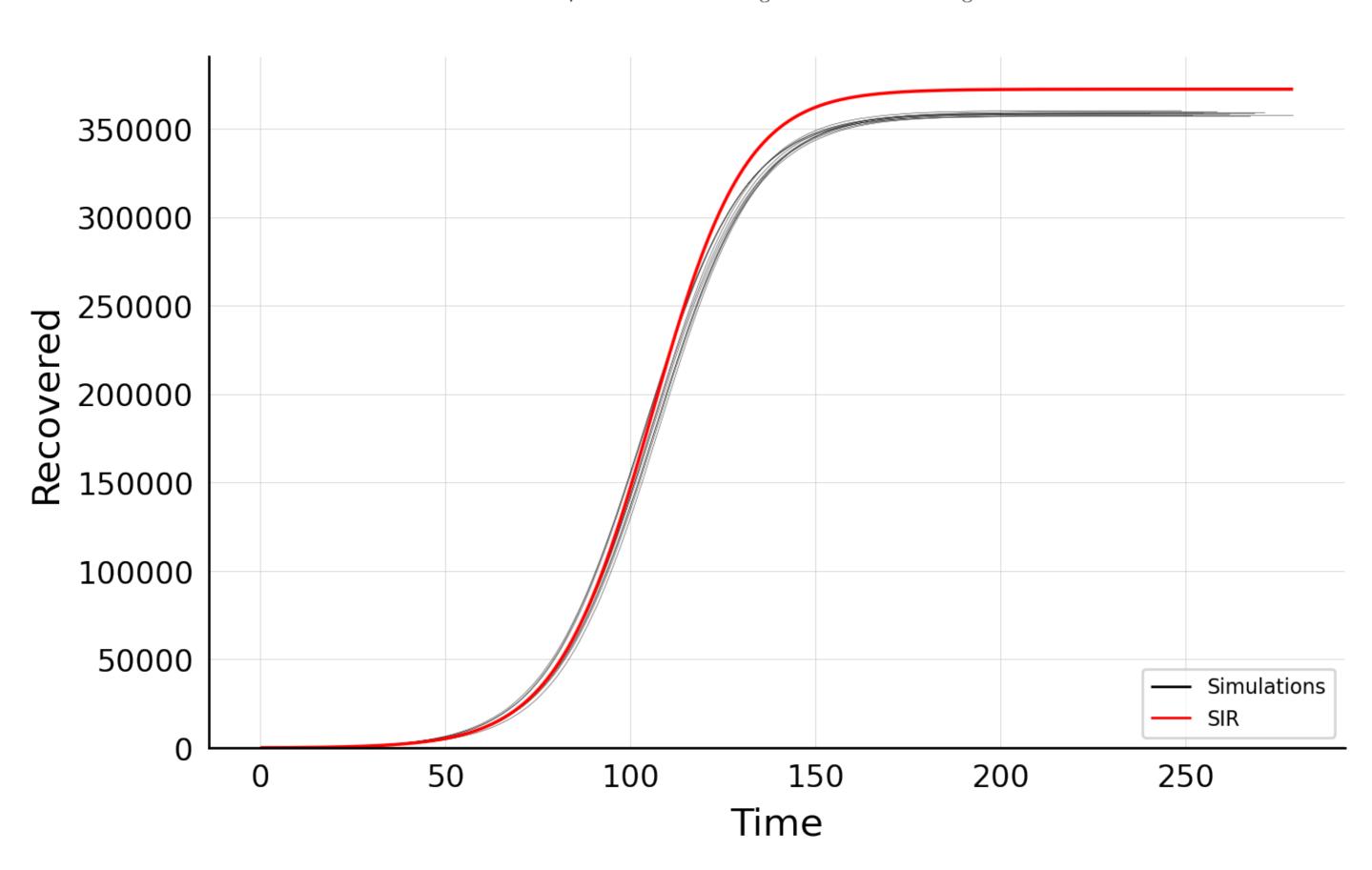
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#6$



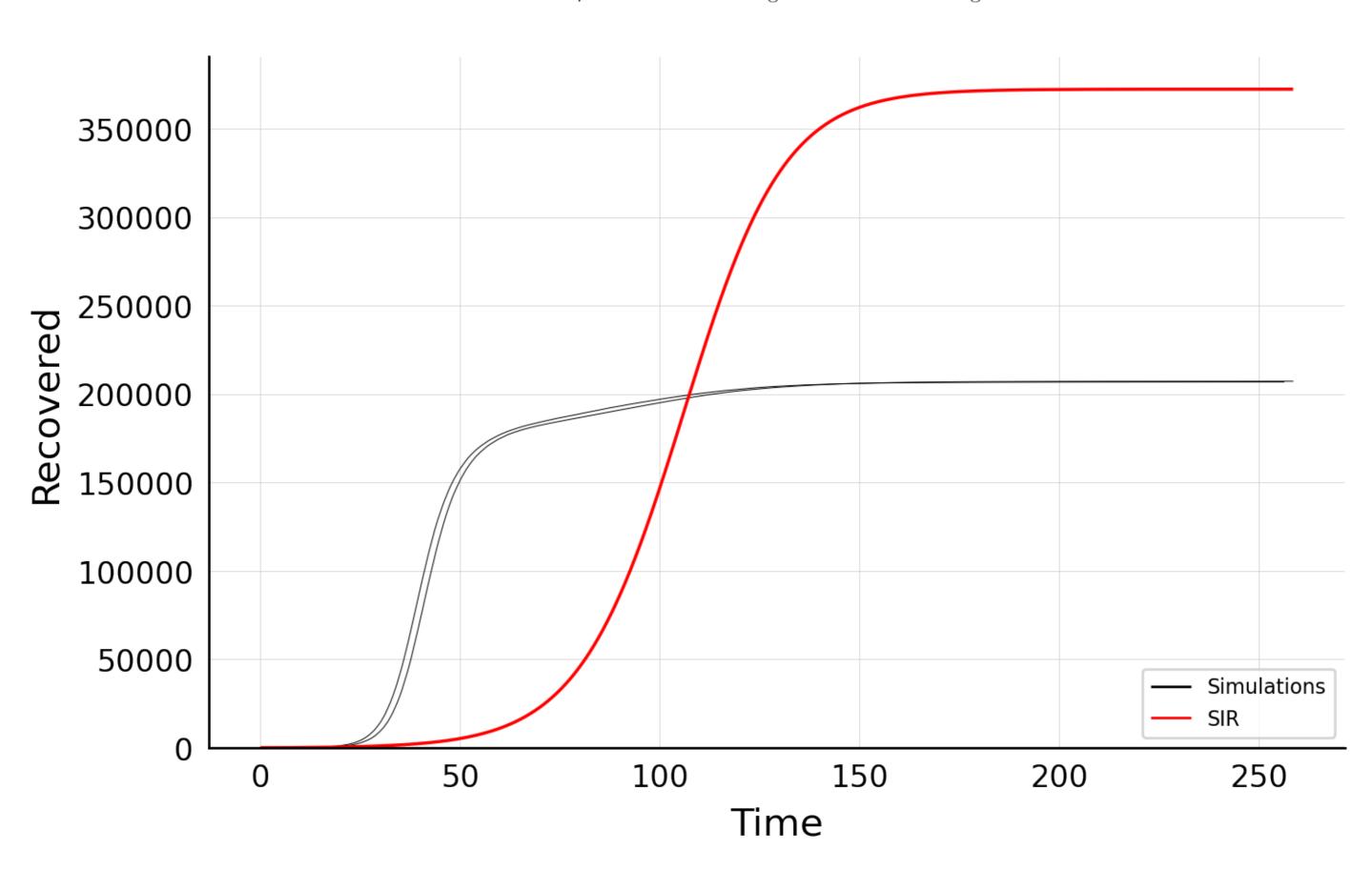
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.02, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#10$



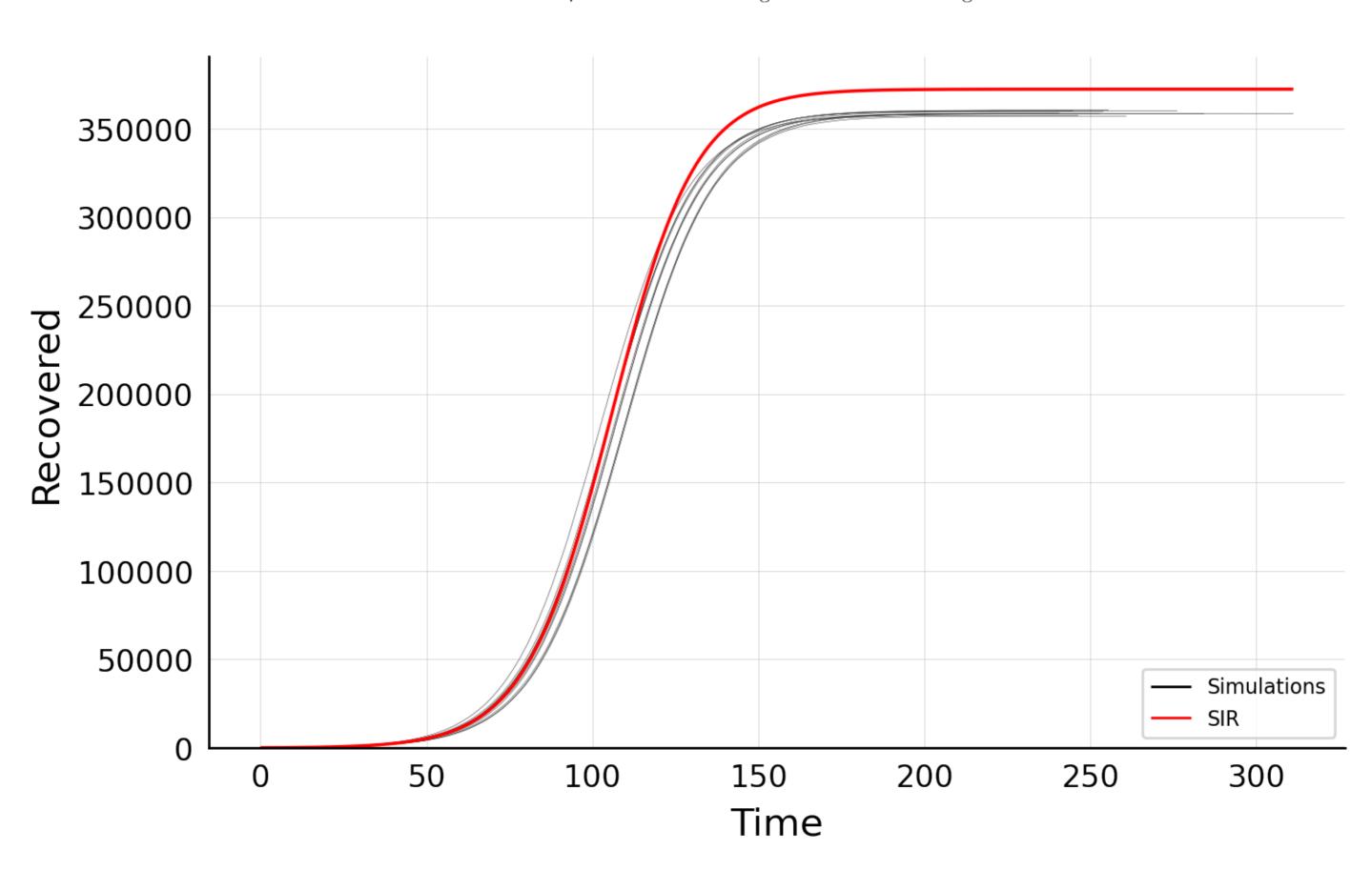
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.02, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#2$



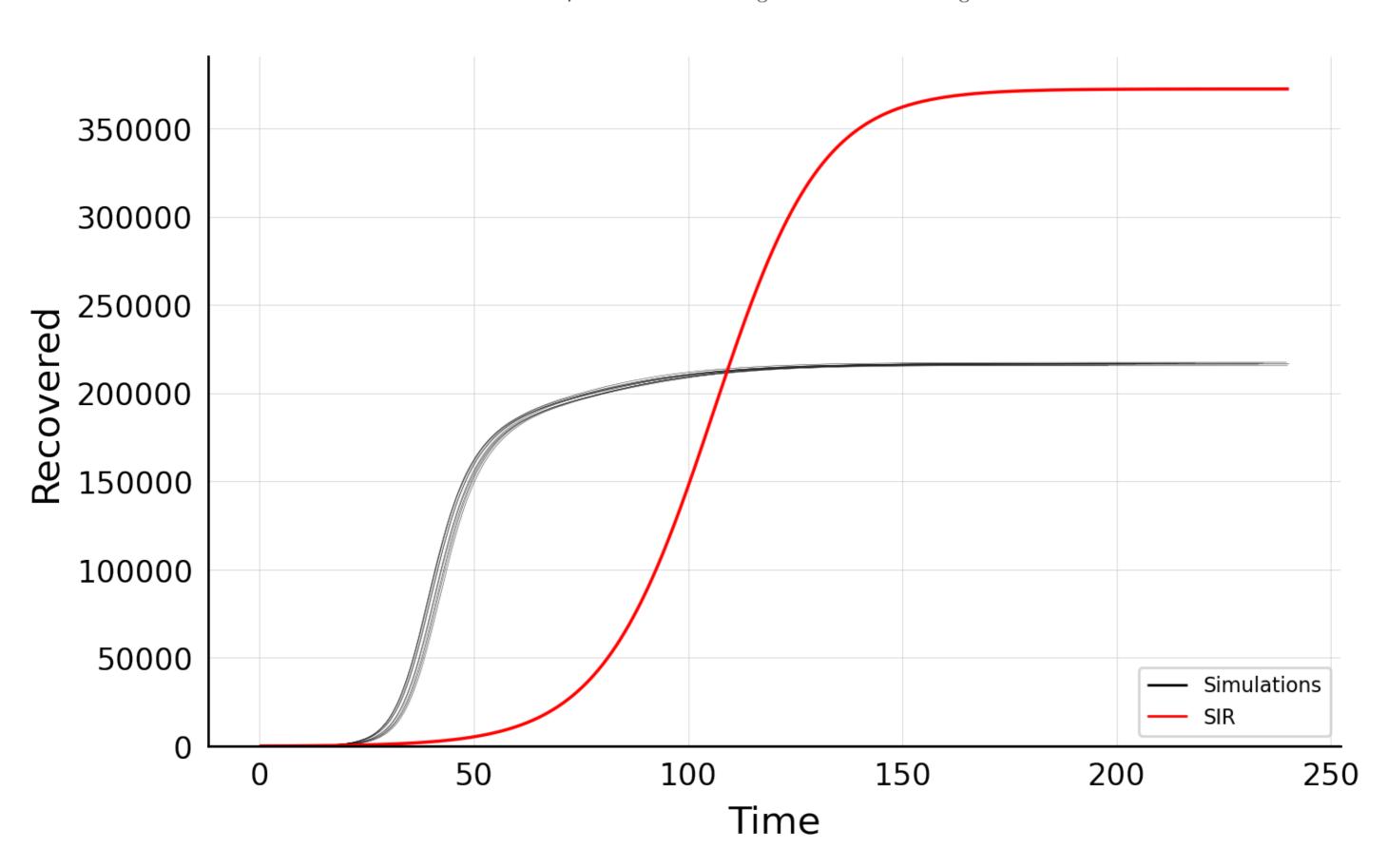
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.05, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#10$



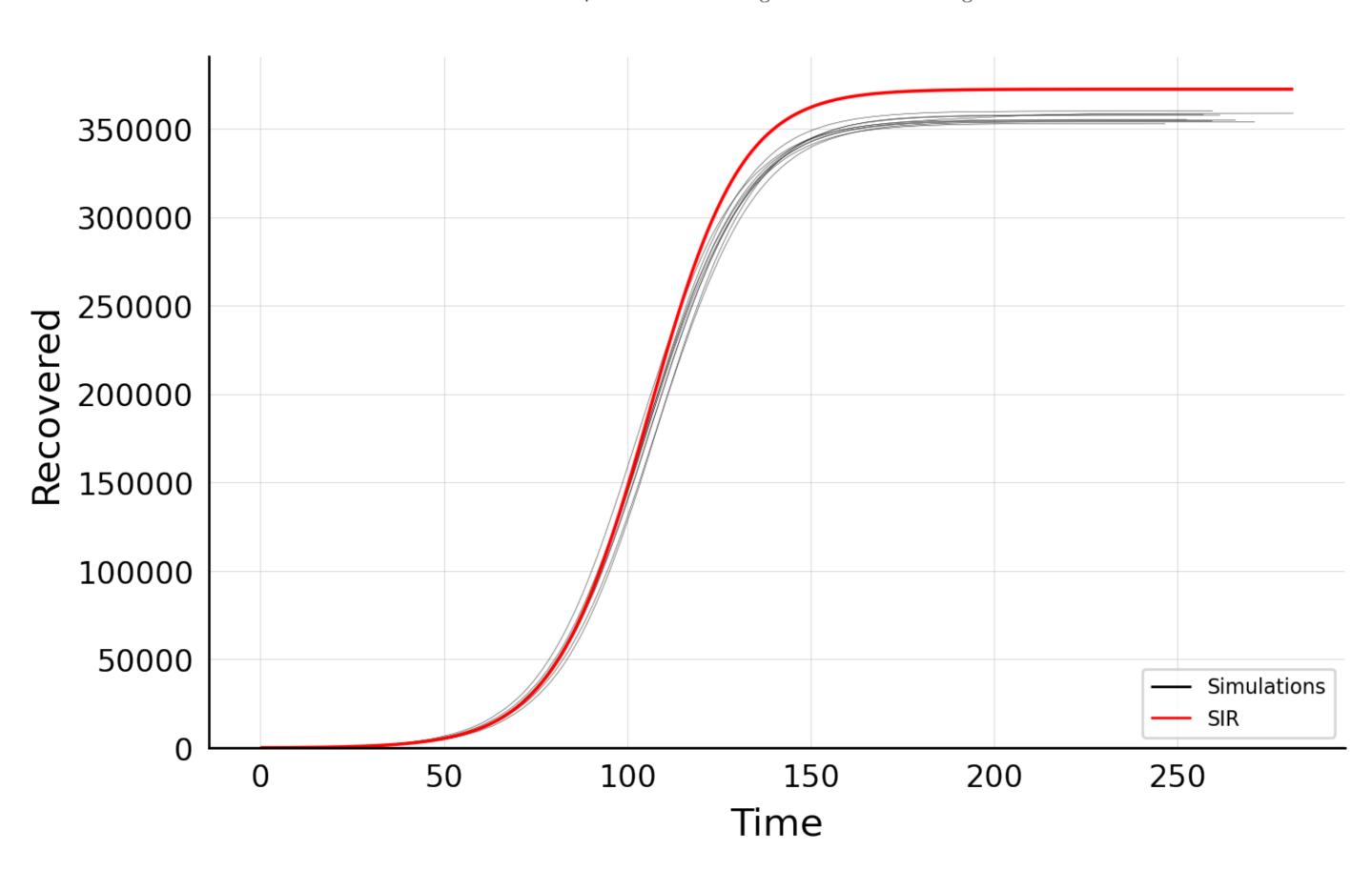
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.05, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$



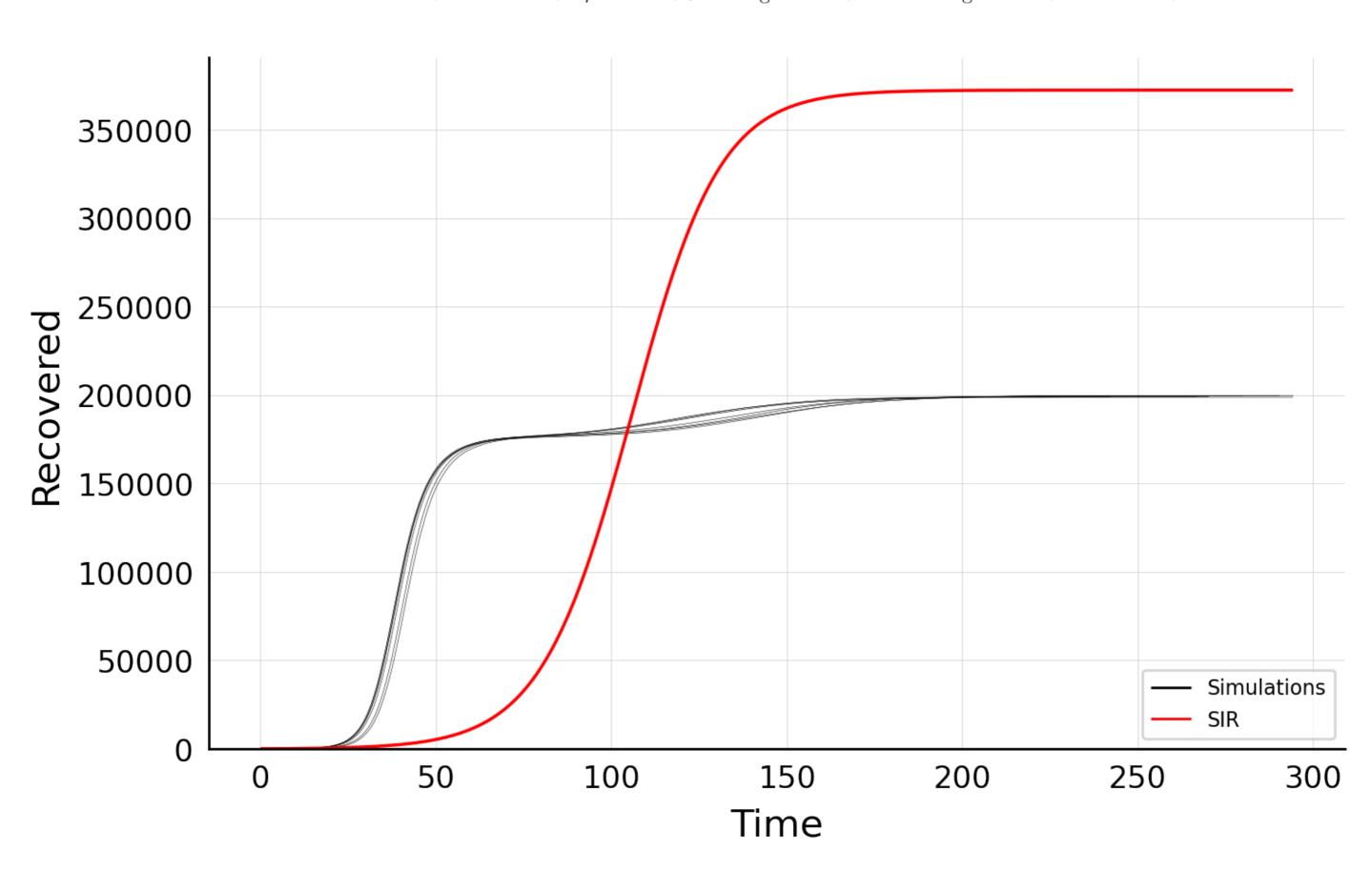
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.0, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#9$

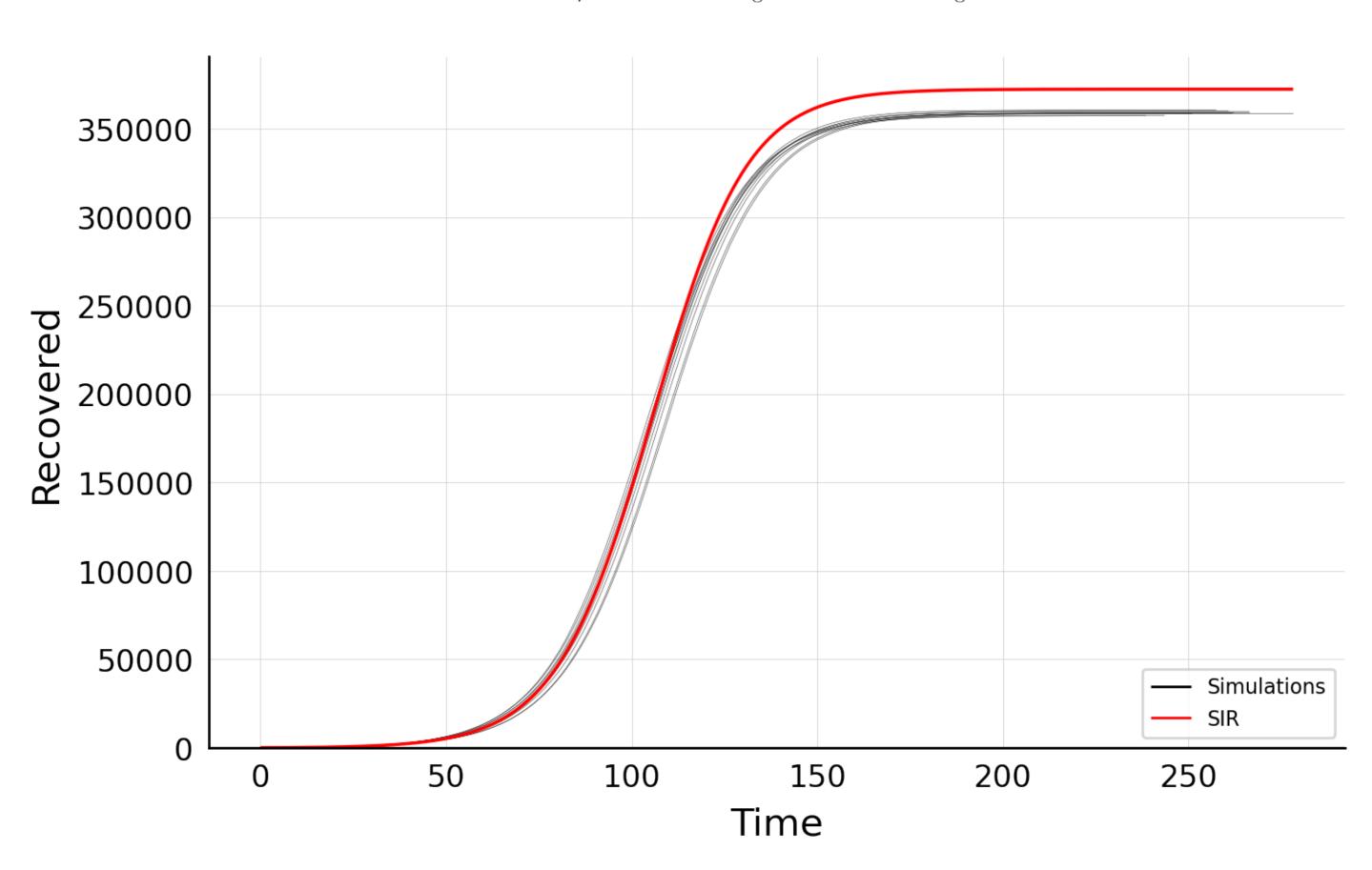


$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.0, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#7$

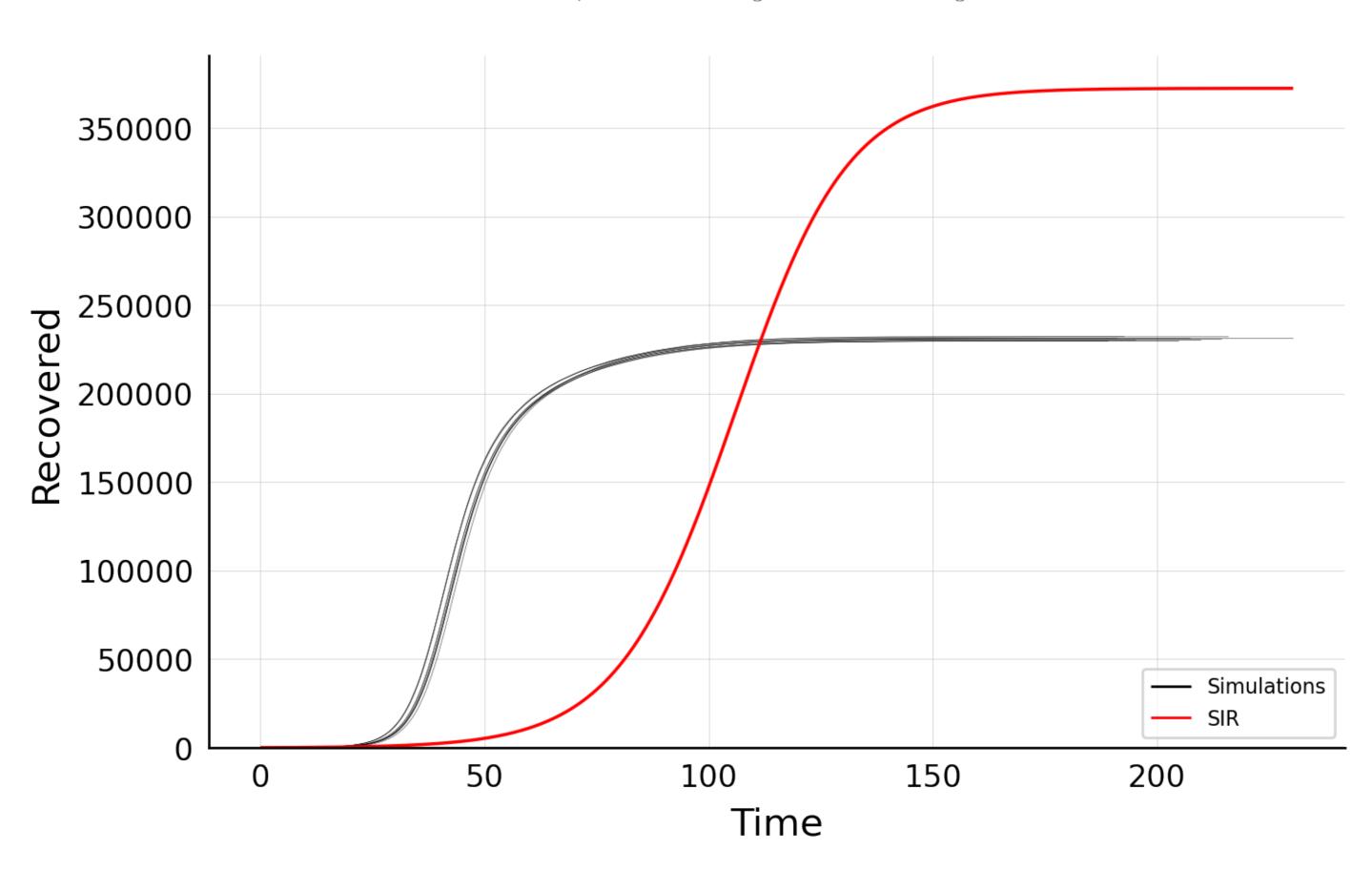


$$N_{
m tot} = 580K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.1, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 1, \ \#10$



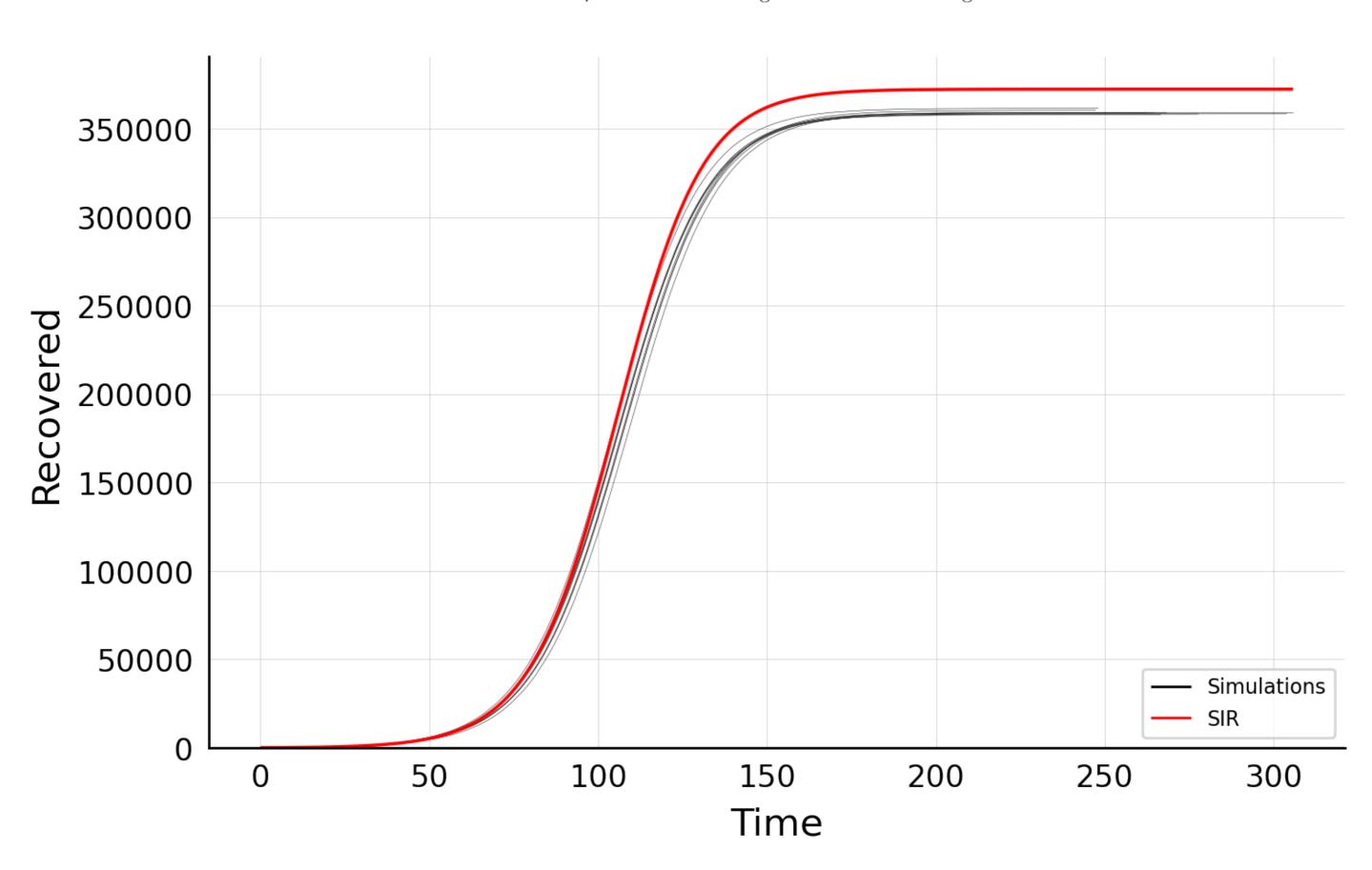
$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

$$\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.1, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 2, \ \#10$$



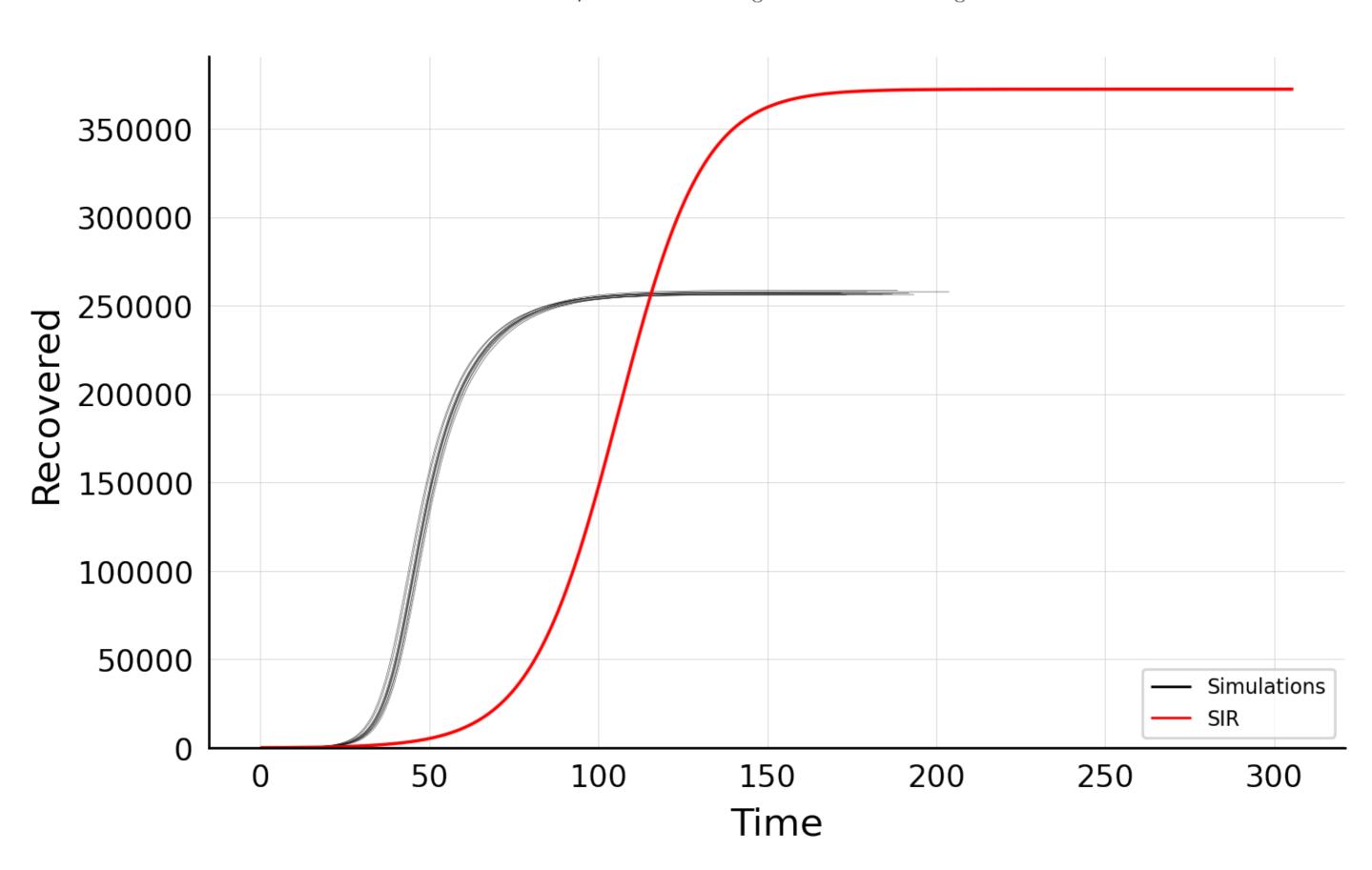
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.2, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#9$



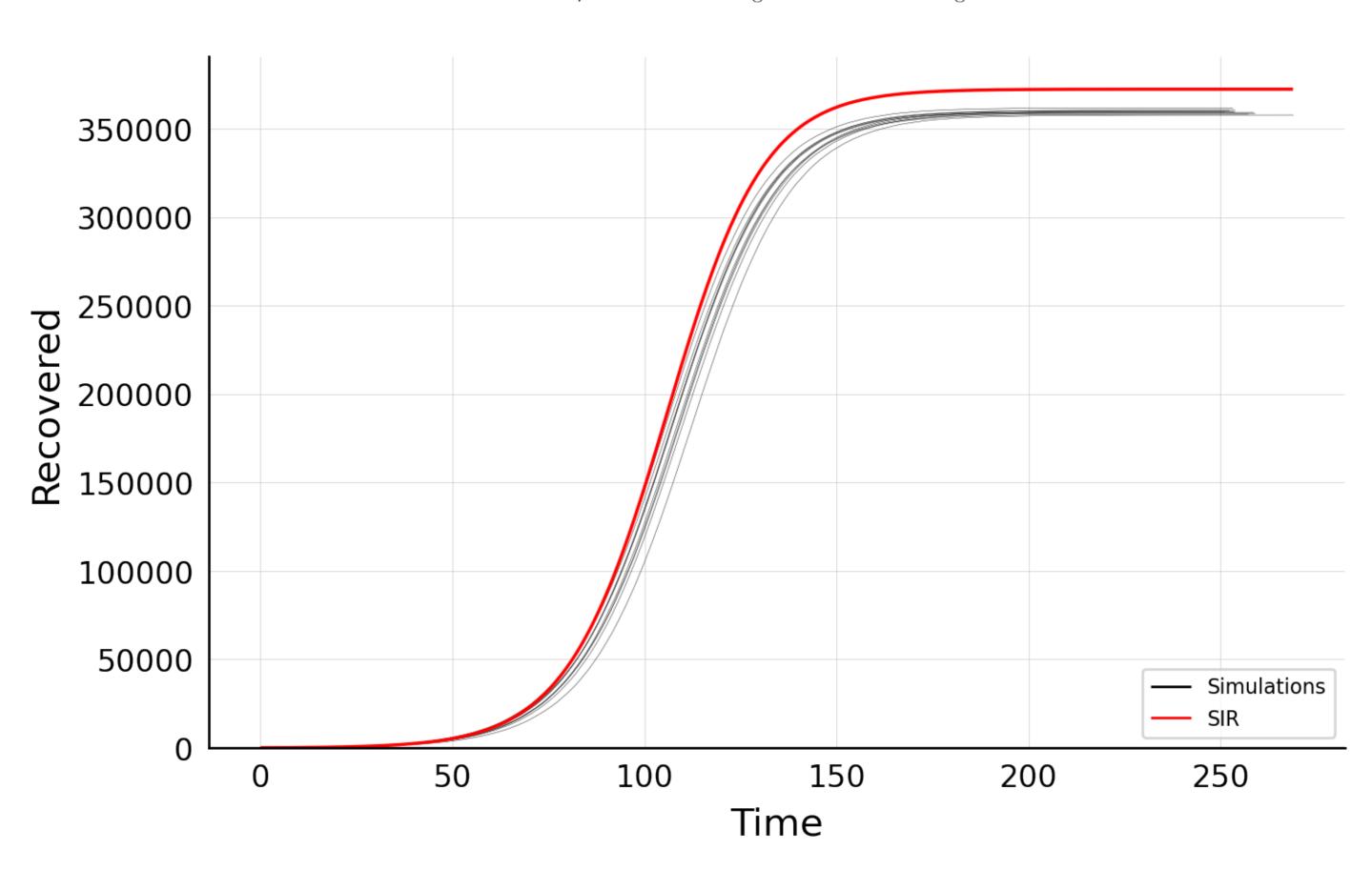
$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

$$\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.2, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 2, \ \#10$$



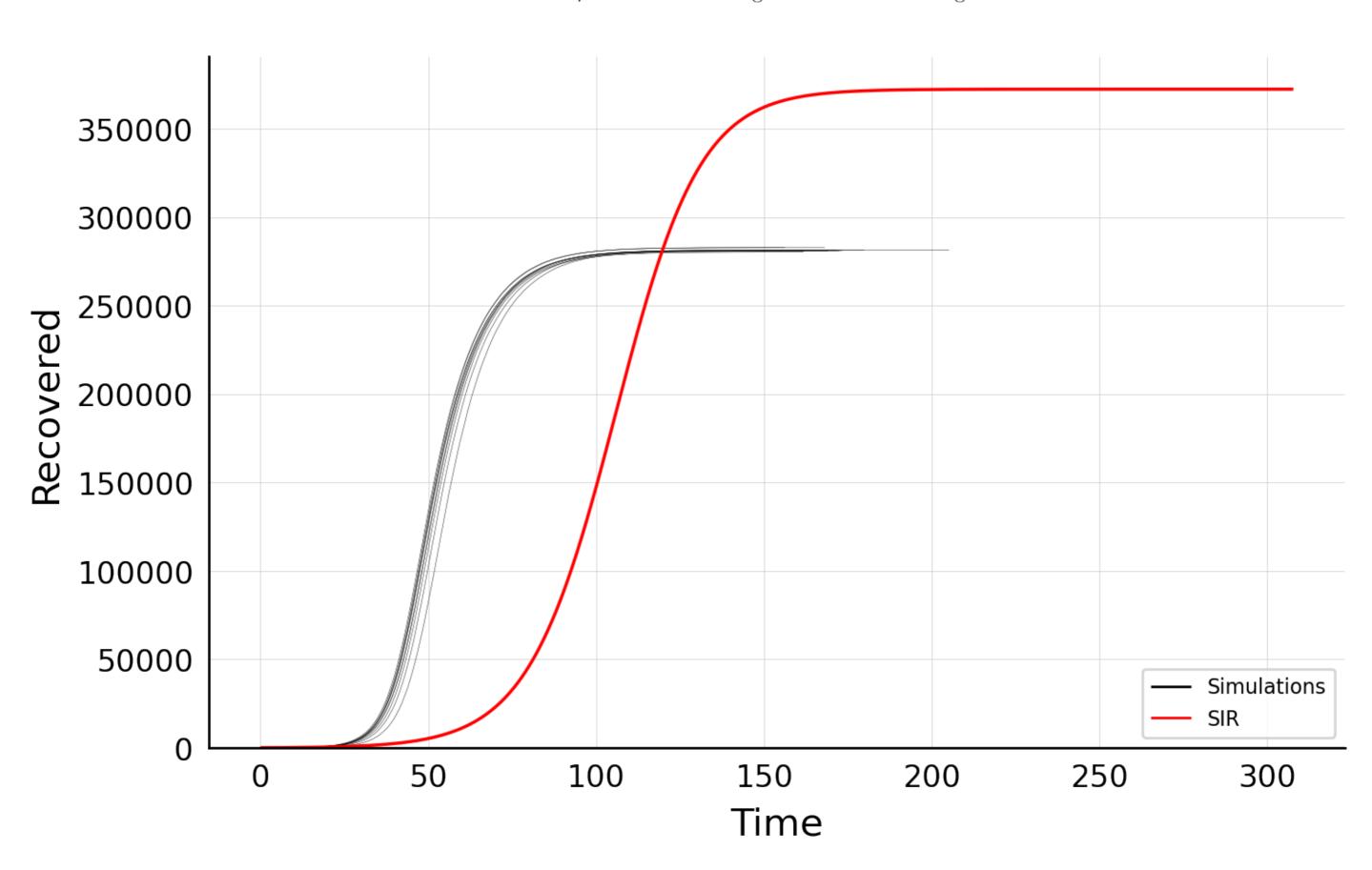
$$N_{\mathrm{tot}} = 580 K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.3, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#10$

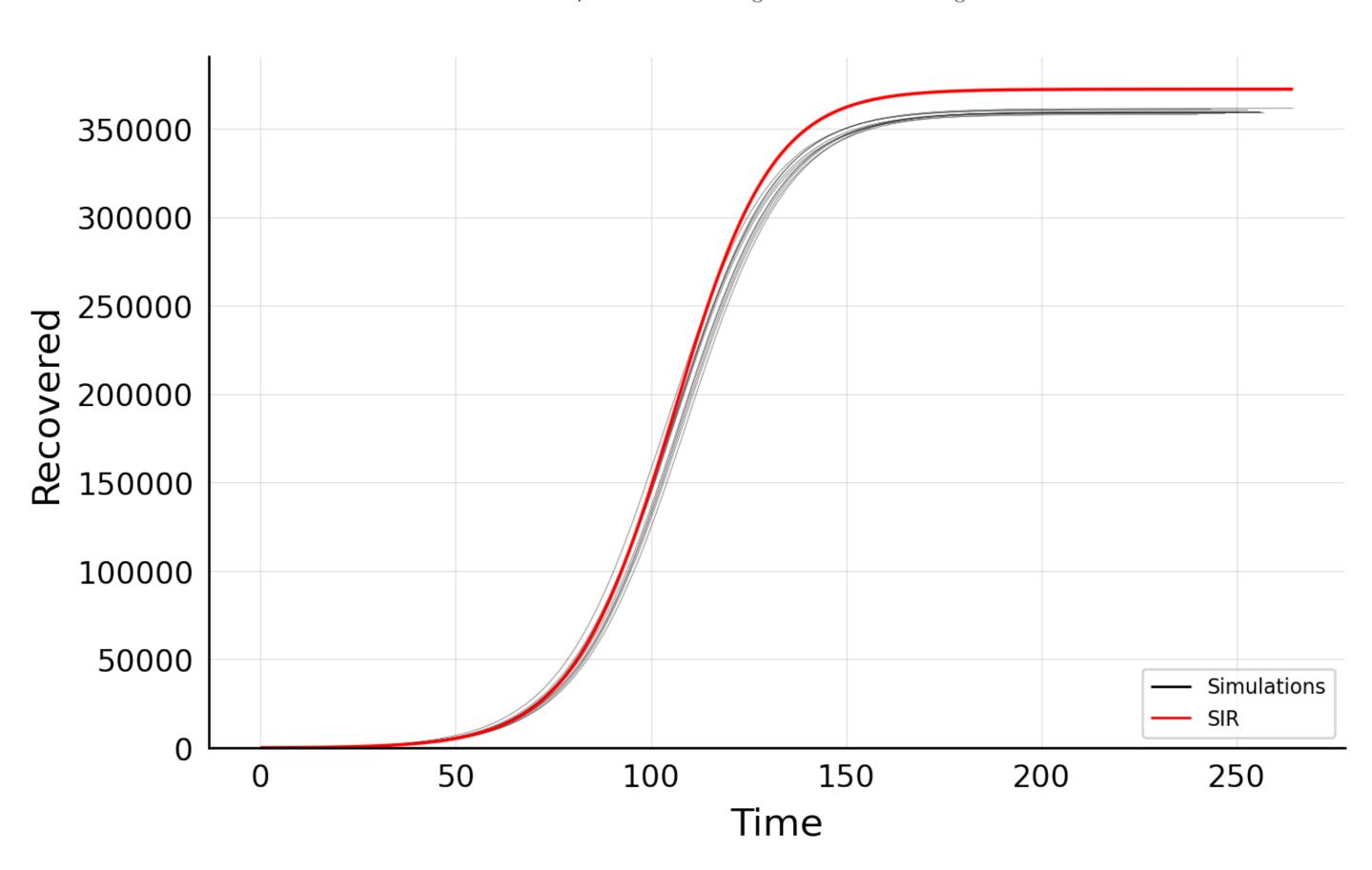


$$N_{
m tot} = 580K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.3, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#10$

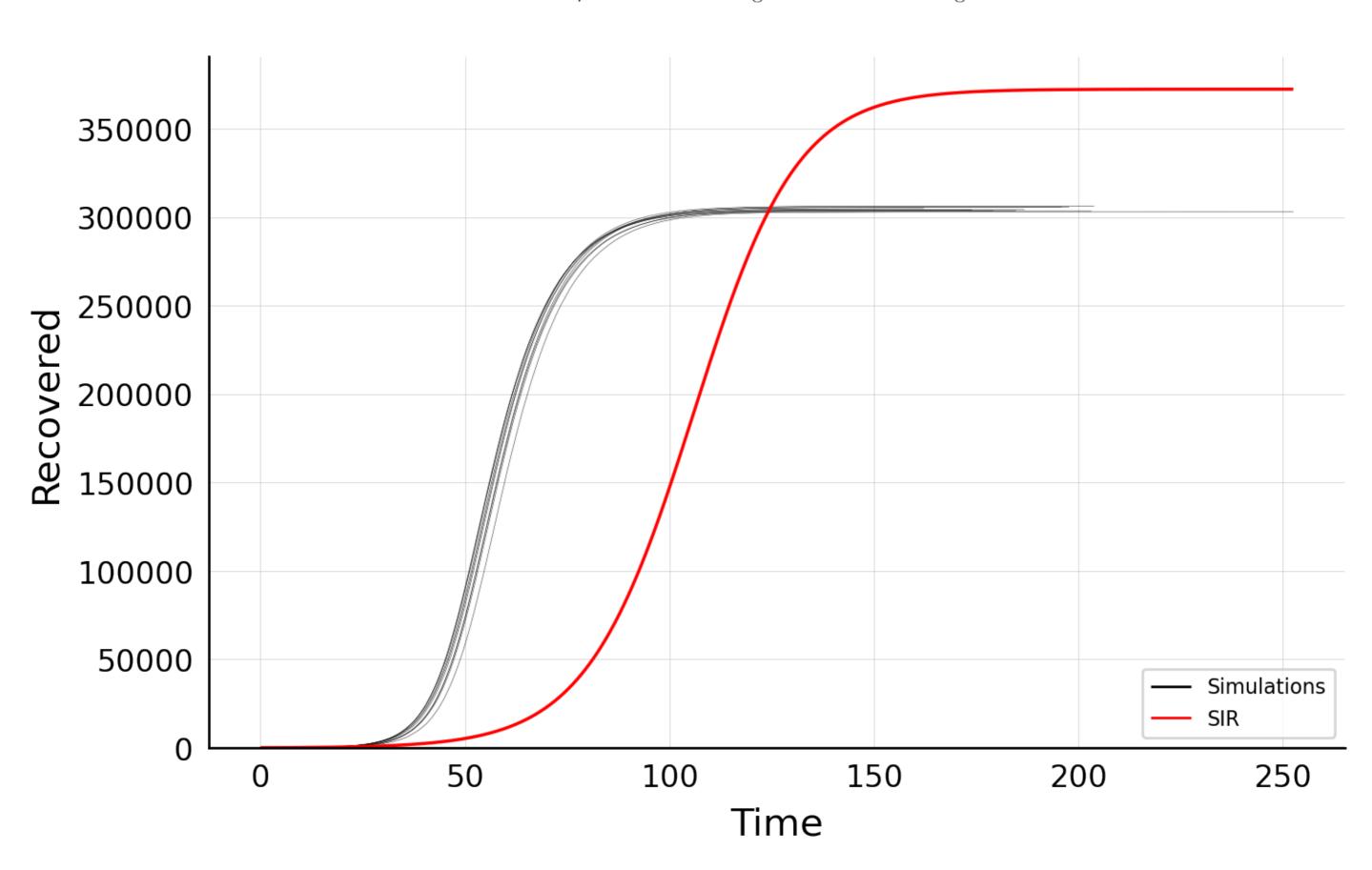


$$N_{\mathrm{tot}} = 580 K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.4, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#10$



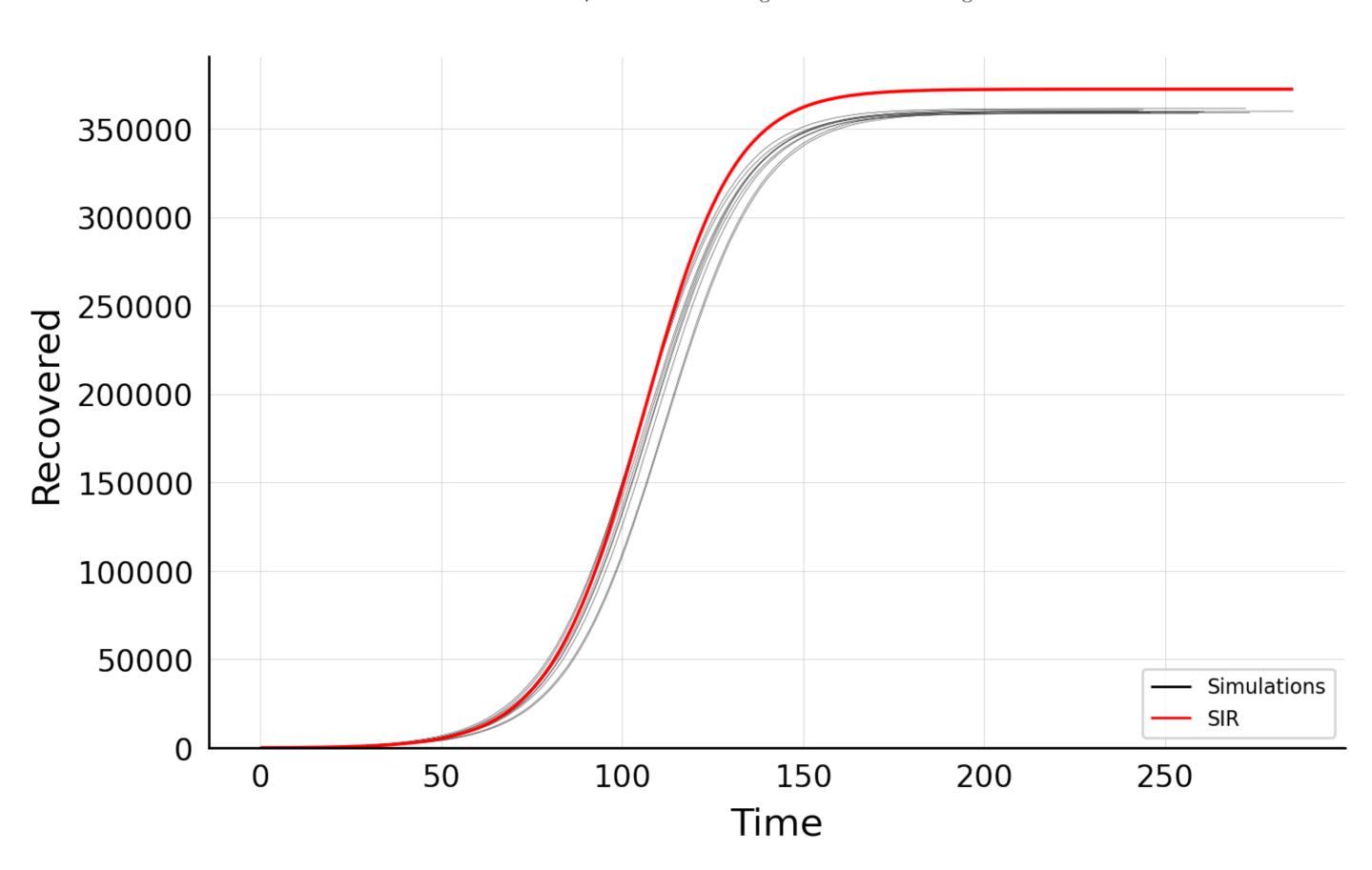
$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

$$\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.4, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 2, \ \#10$$



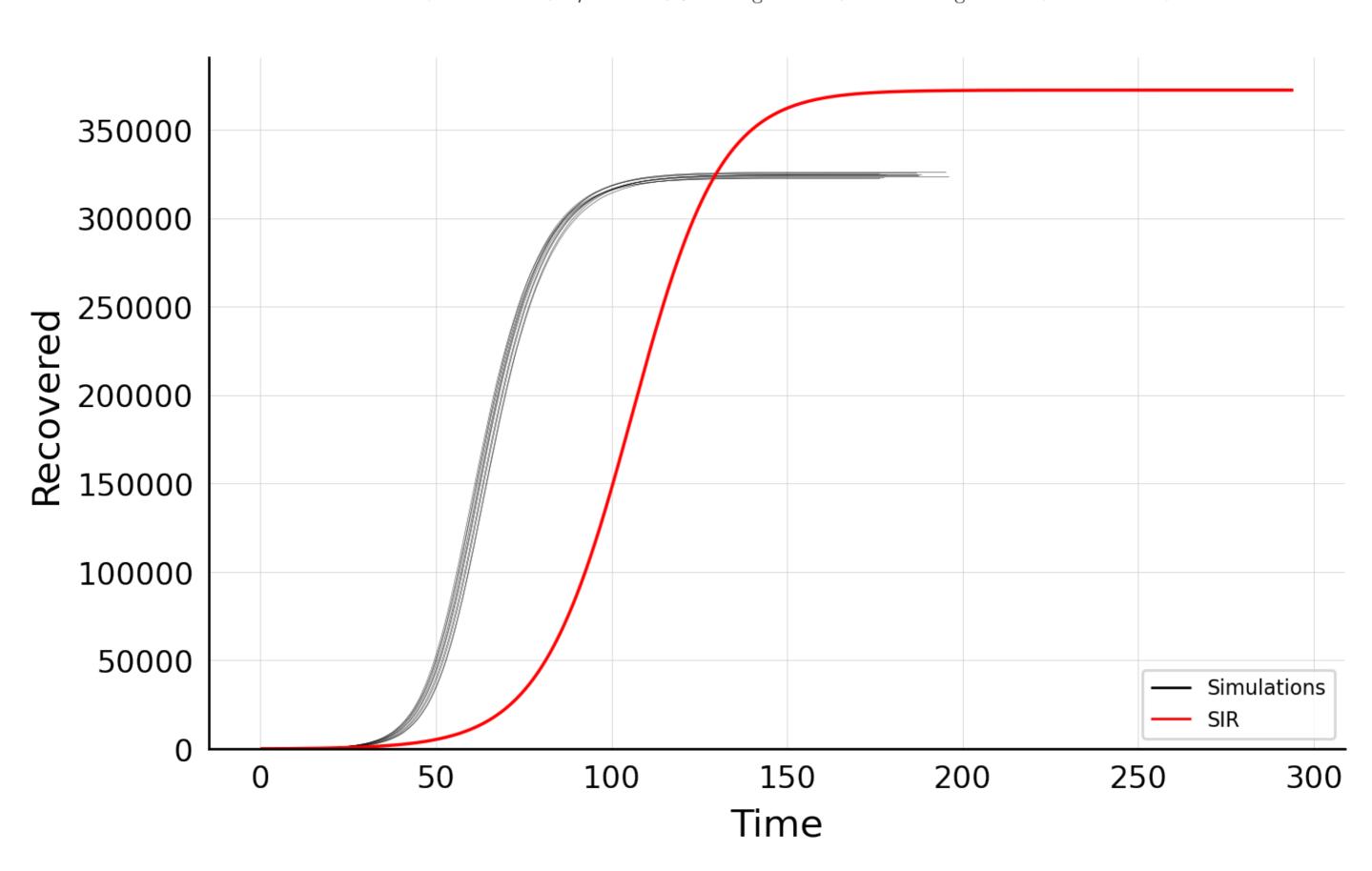
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.5, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#9$



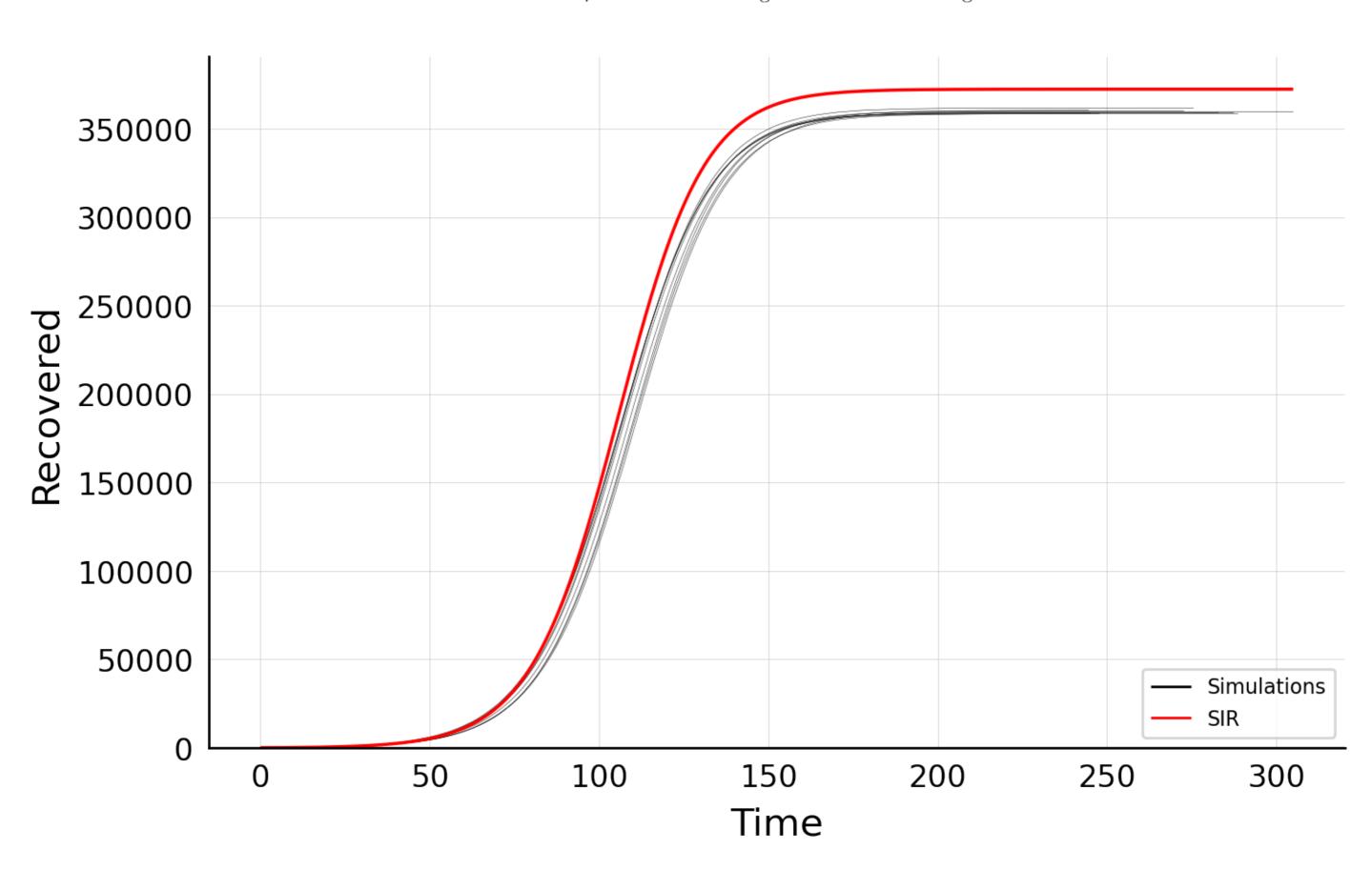
$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

$$\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.5, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 2, \ \#10$$



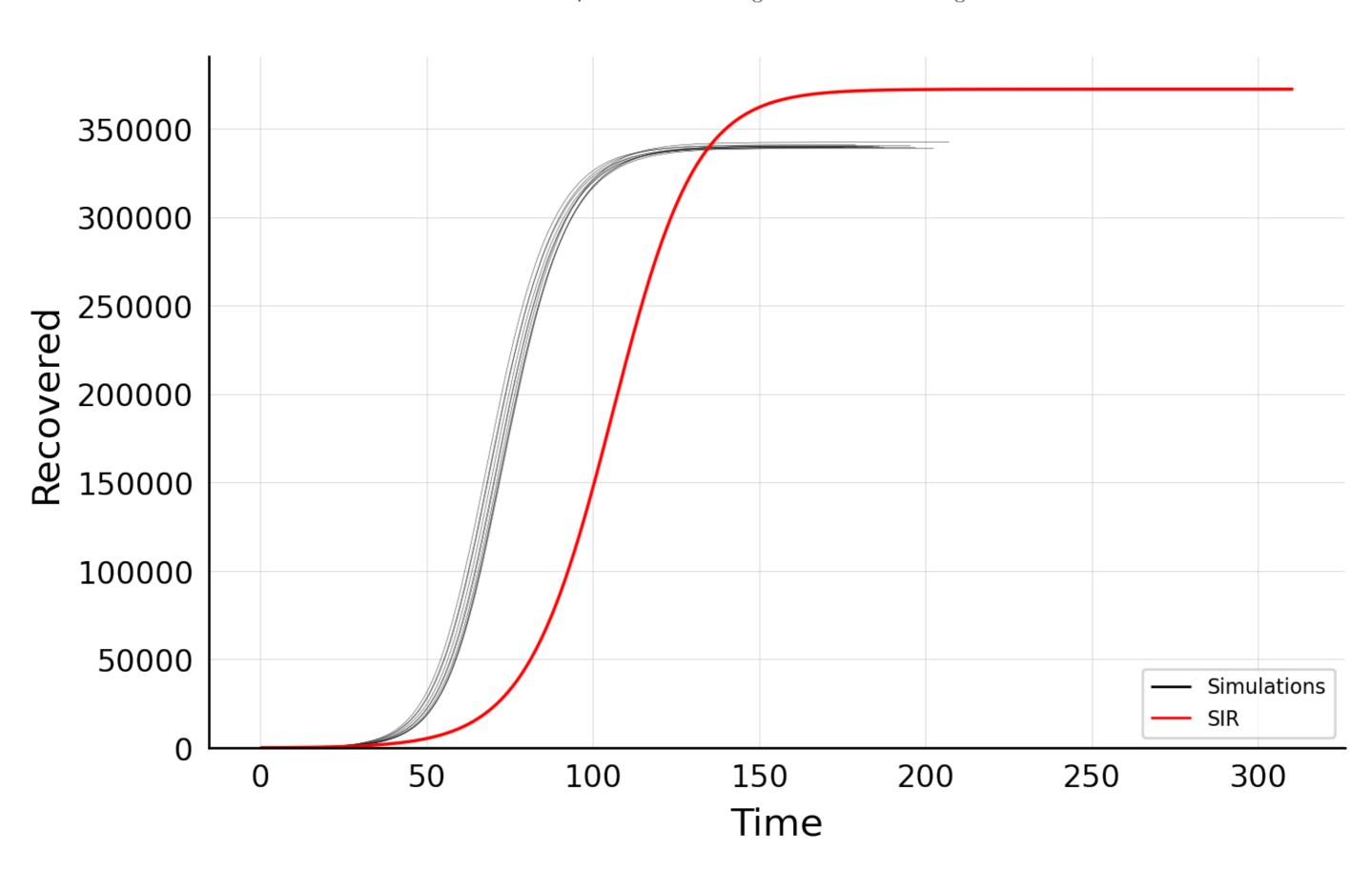
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.6, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 1, \ \#9$



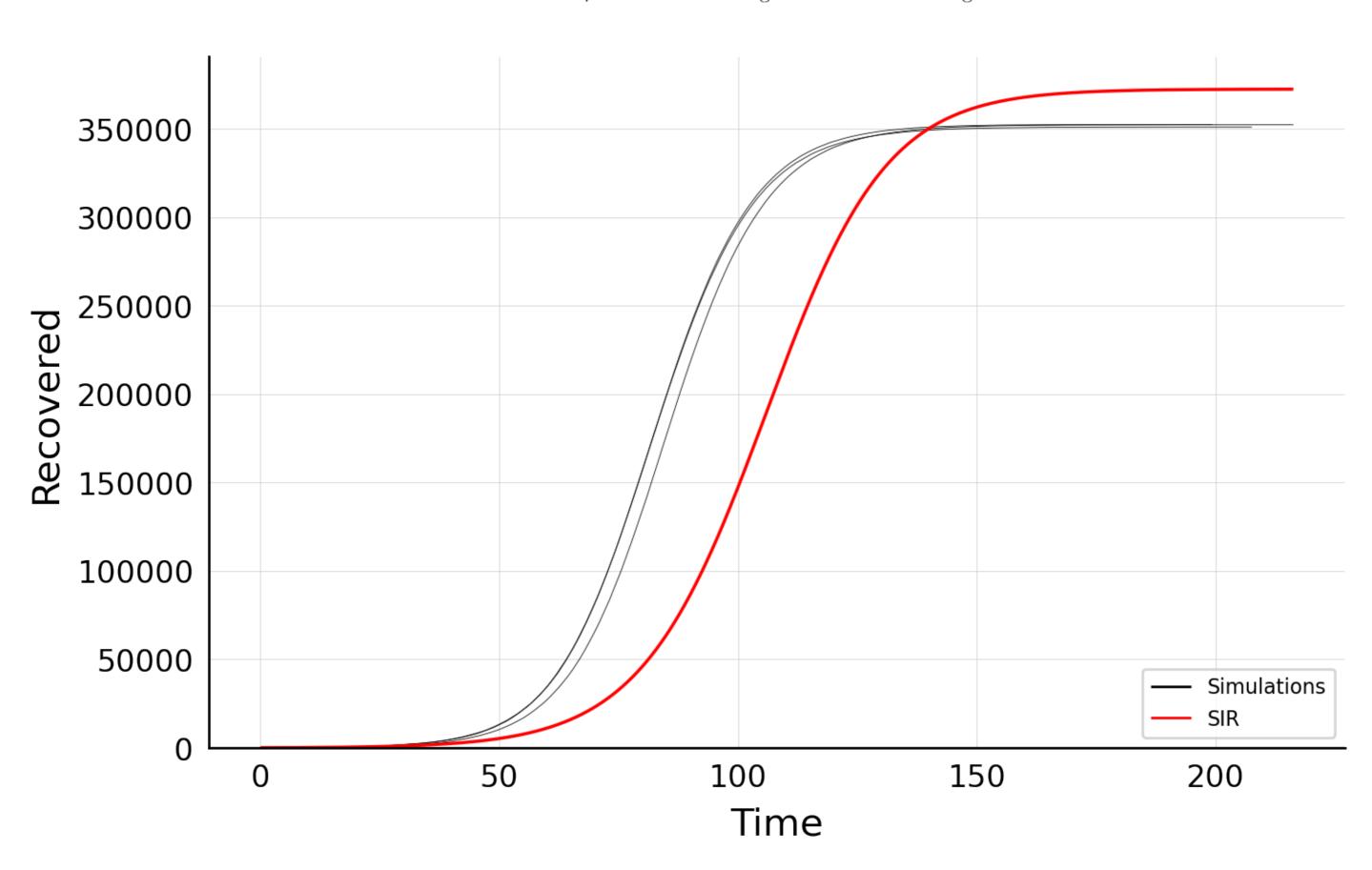
$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.6, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$

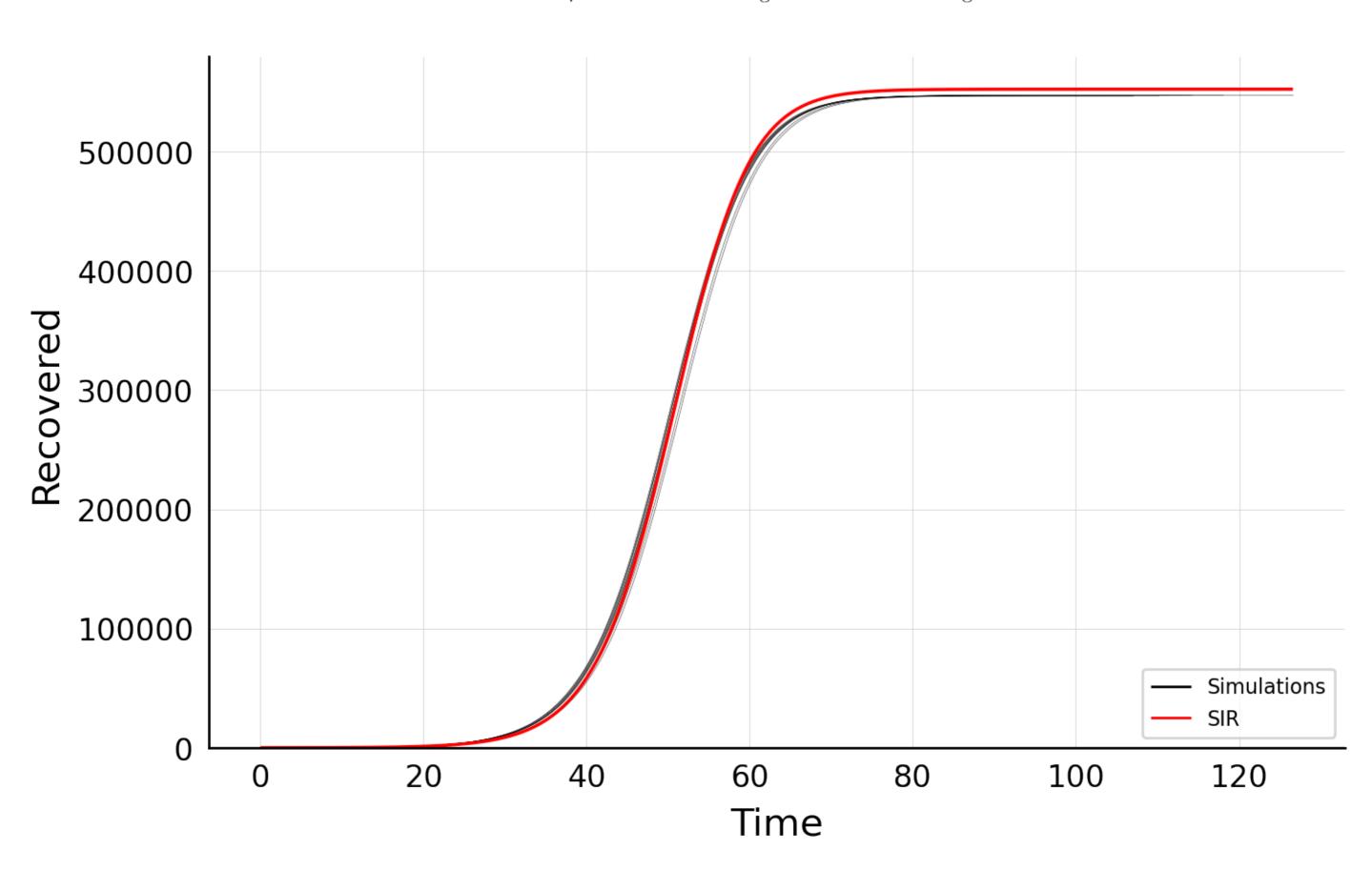


$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 100.0$$

$$\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.7, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 2, \ \#3$$

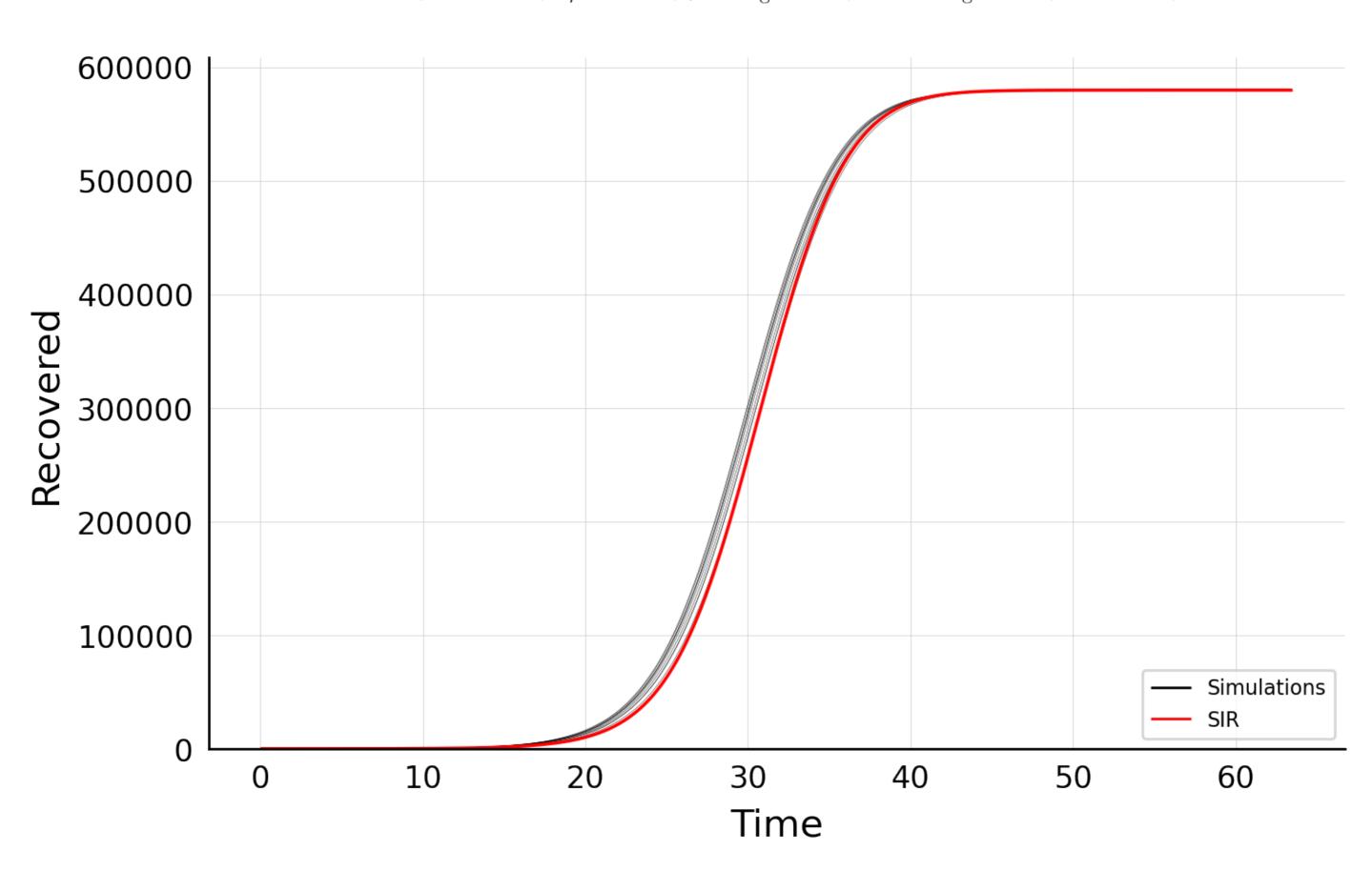


$$N_{
m tot} = 580K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.02, \ \sigma_{\beta} = 0.0, \ \rho = 0.0 \ \lambda_{E} = 1.0, \ \lambda_{I} = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#10$$

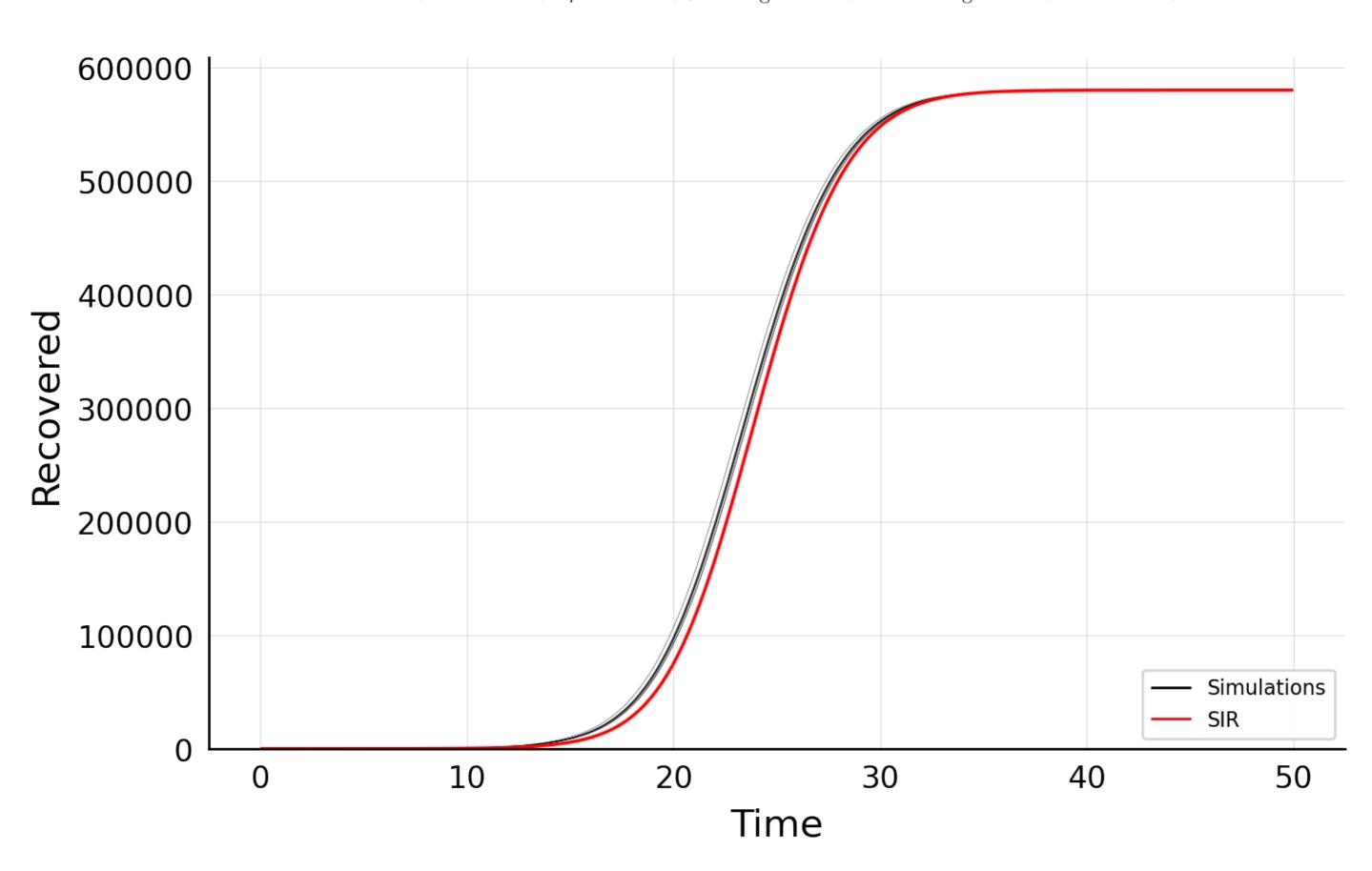


$$N_{\mathrm{tot}} = 580K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.05, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

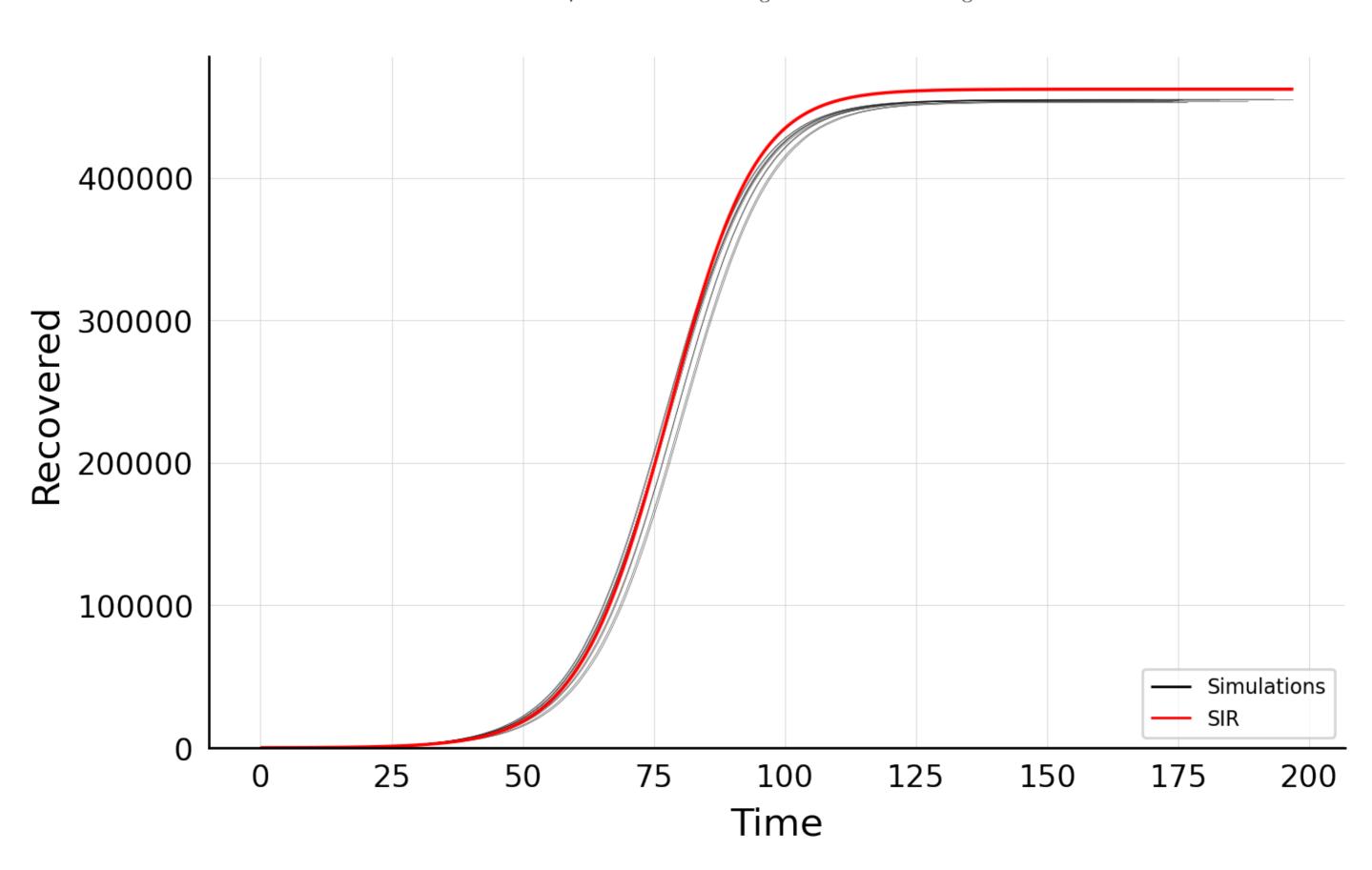
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#10$



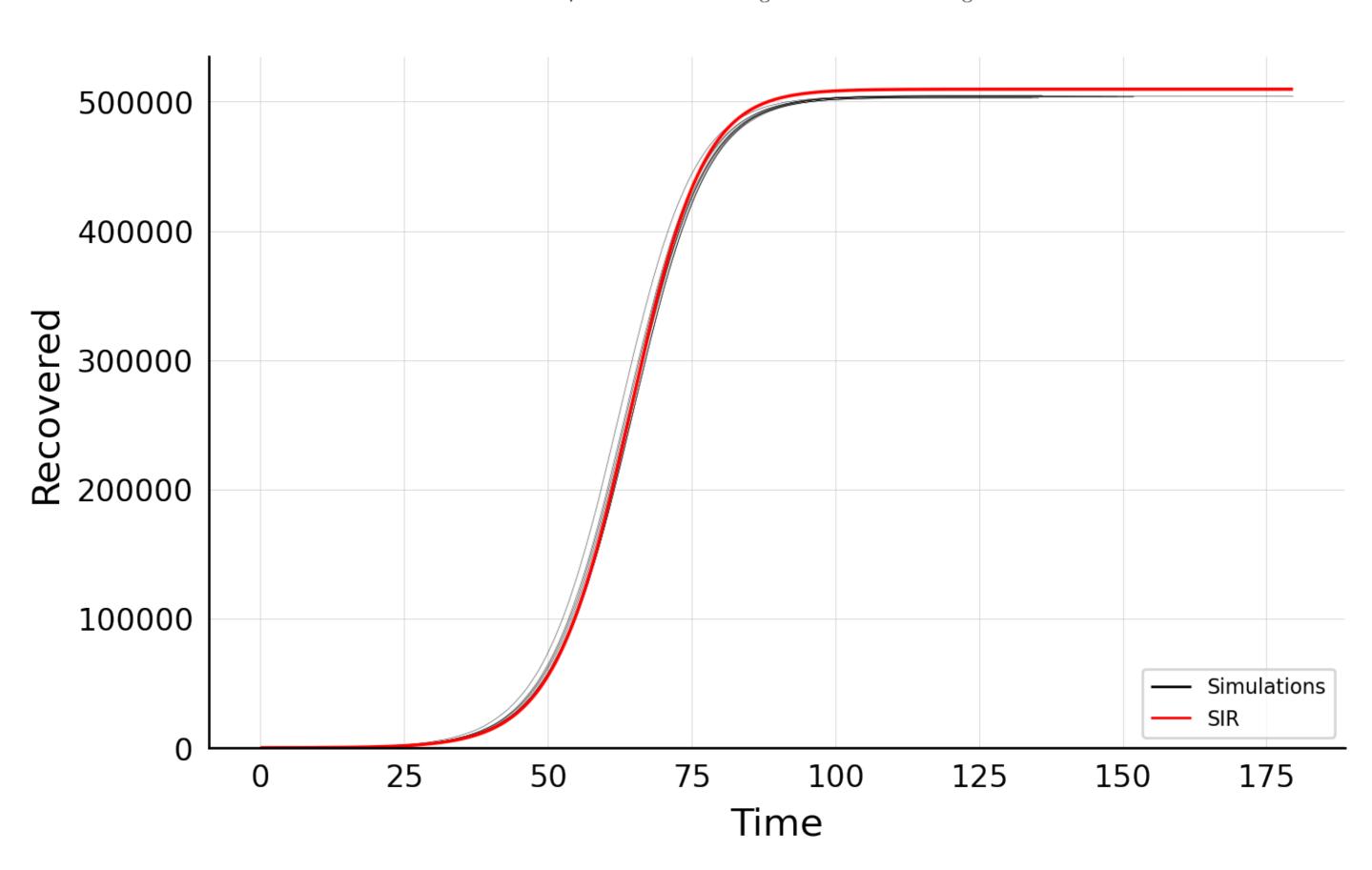
$$N_{\rm tot} = 580K, \ N_{\rm init} = 100, \ N_{\rm ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.1, \ \sigma_{\beta} = 0.0, \ \rho = 0.0 \\ \lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\rm scaling} = 1.0, \ {\rm age_{mixing}} = 1.0, \ {\rm algo} = 2, \ \#10$$



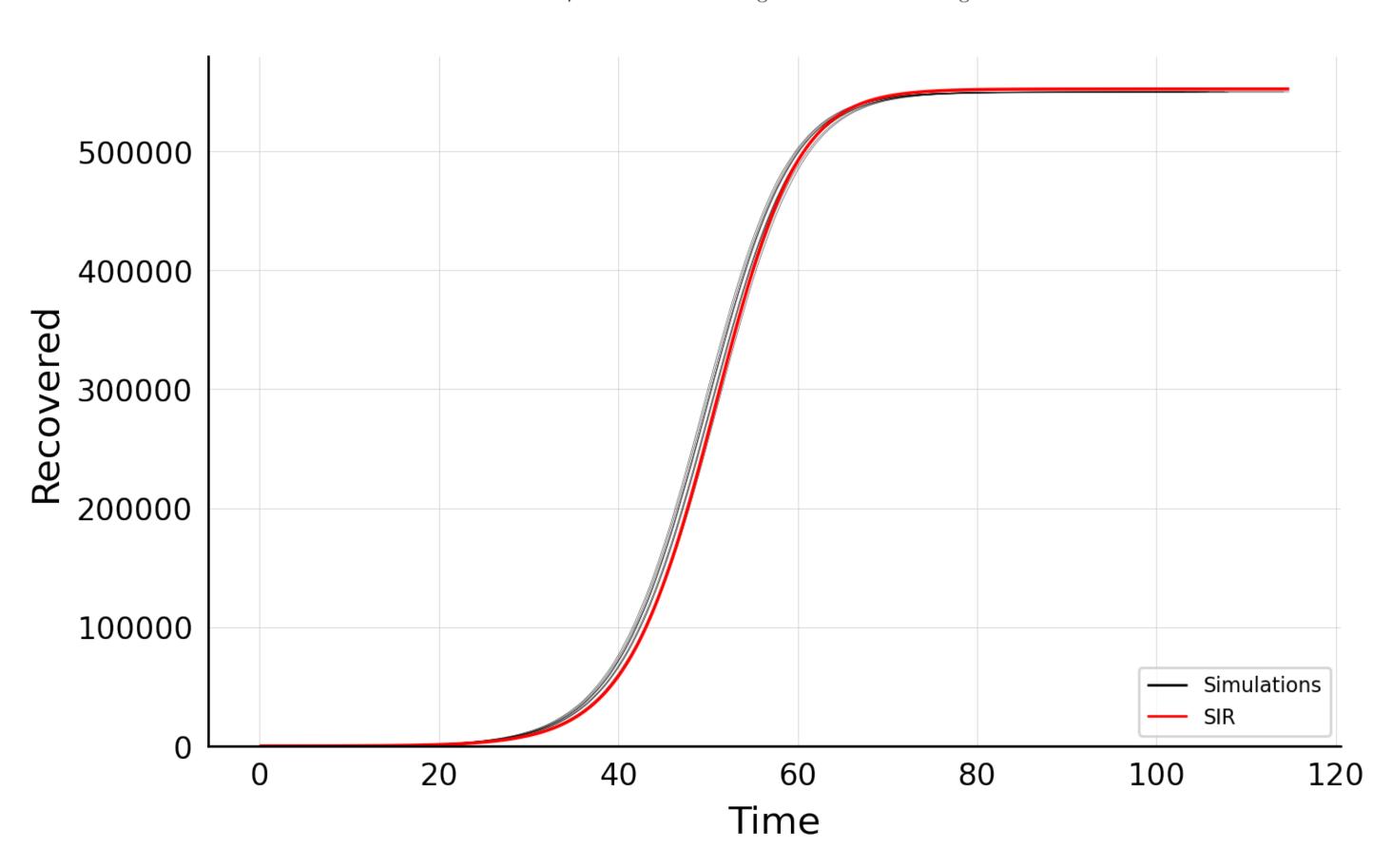
$$N_{
m tot} = 580K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 50.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#10$



$$N_{
m tot} = 580K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 60.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#10$

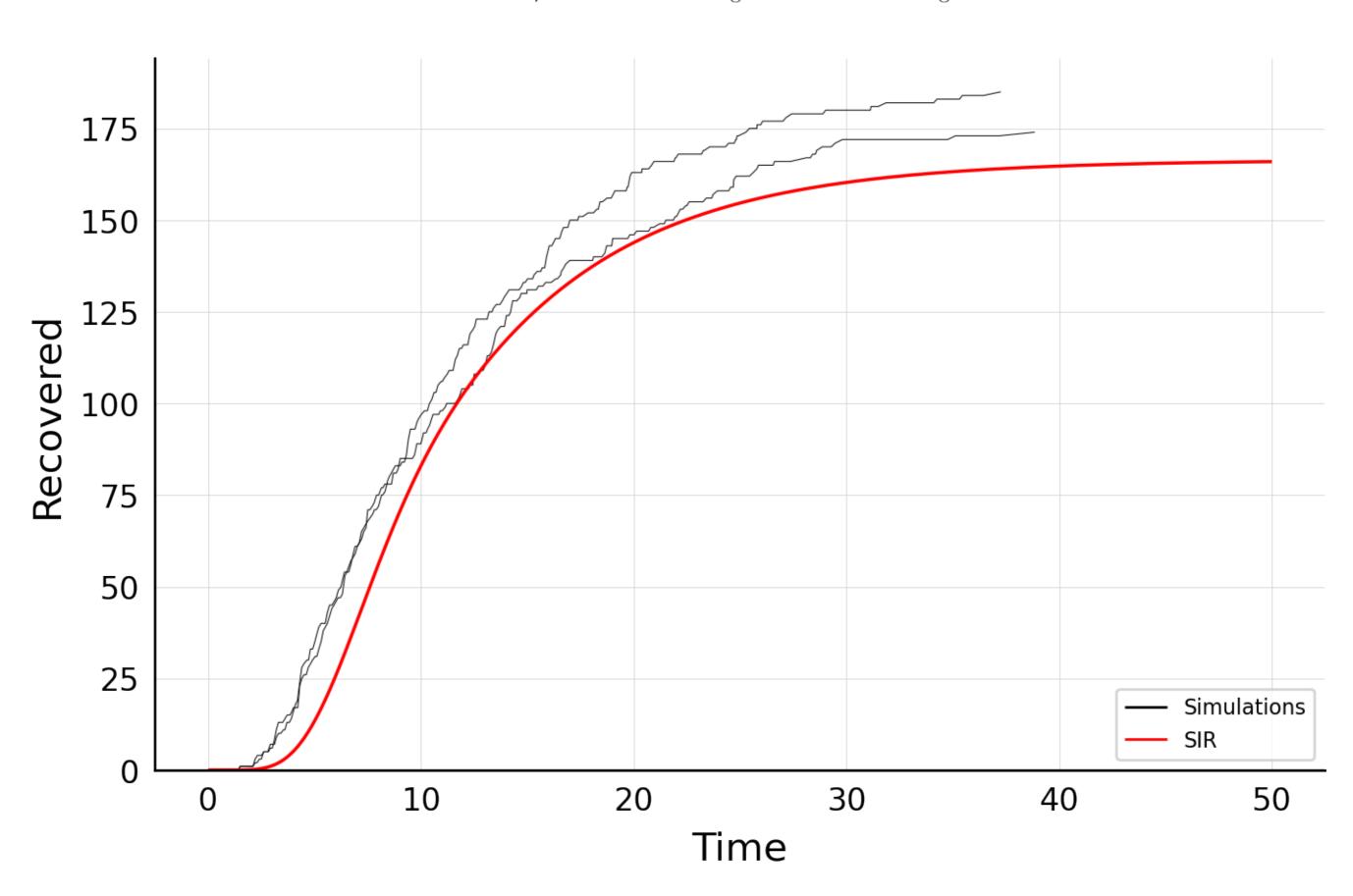


$$N_{
m tot} = 580K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 80.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#10$



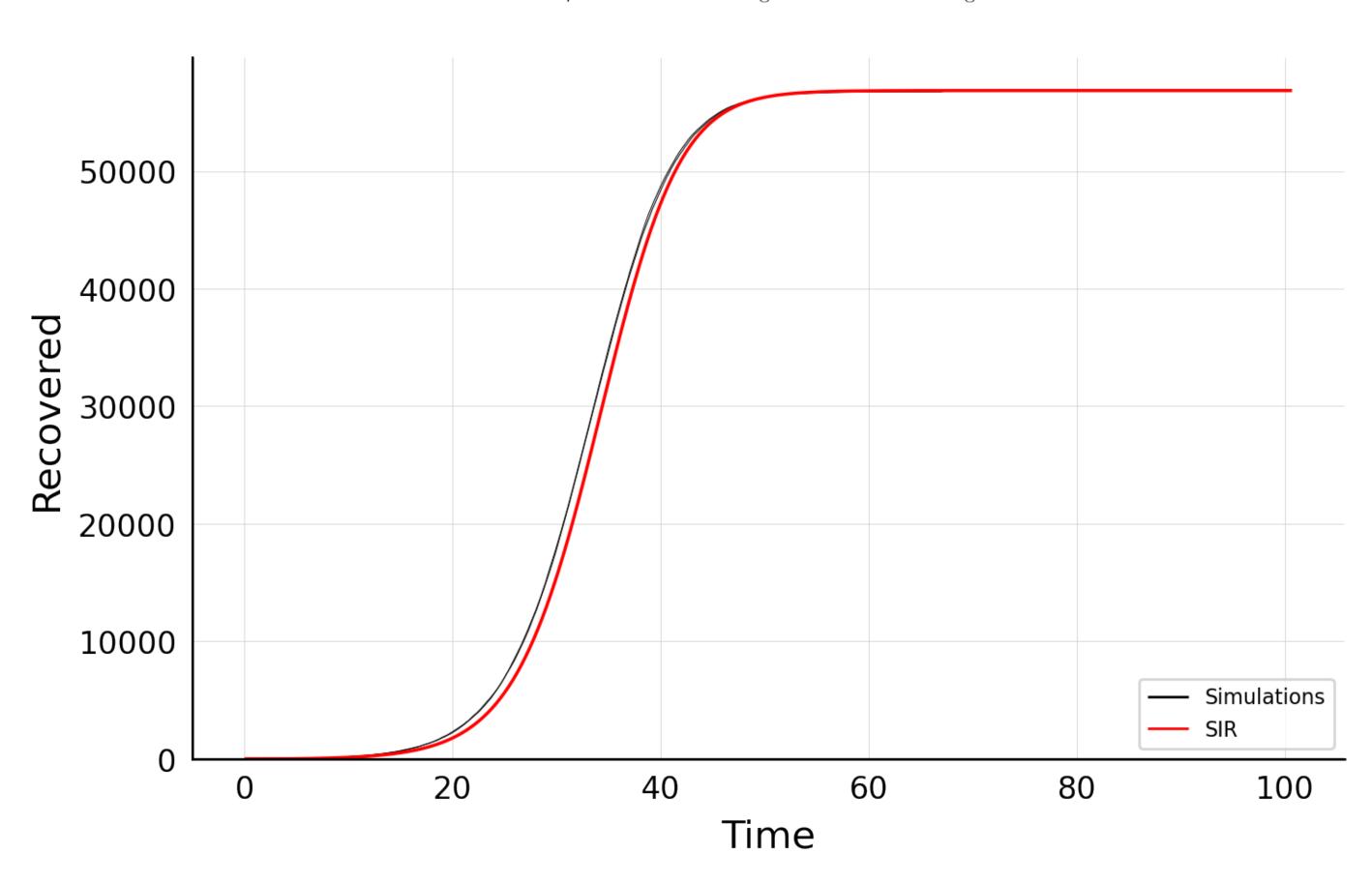
$$N_{\mathrm{tot}} = 58K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 10.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#2$



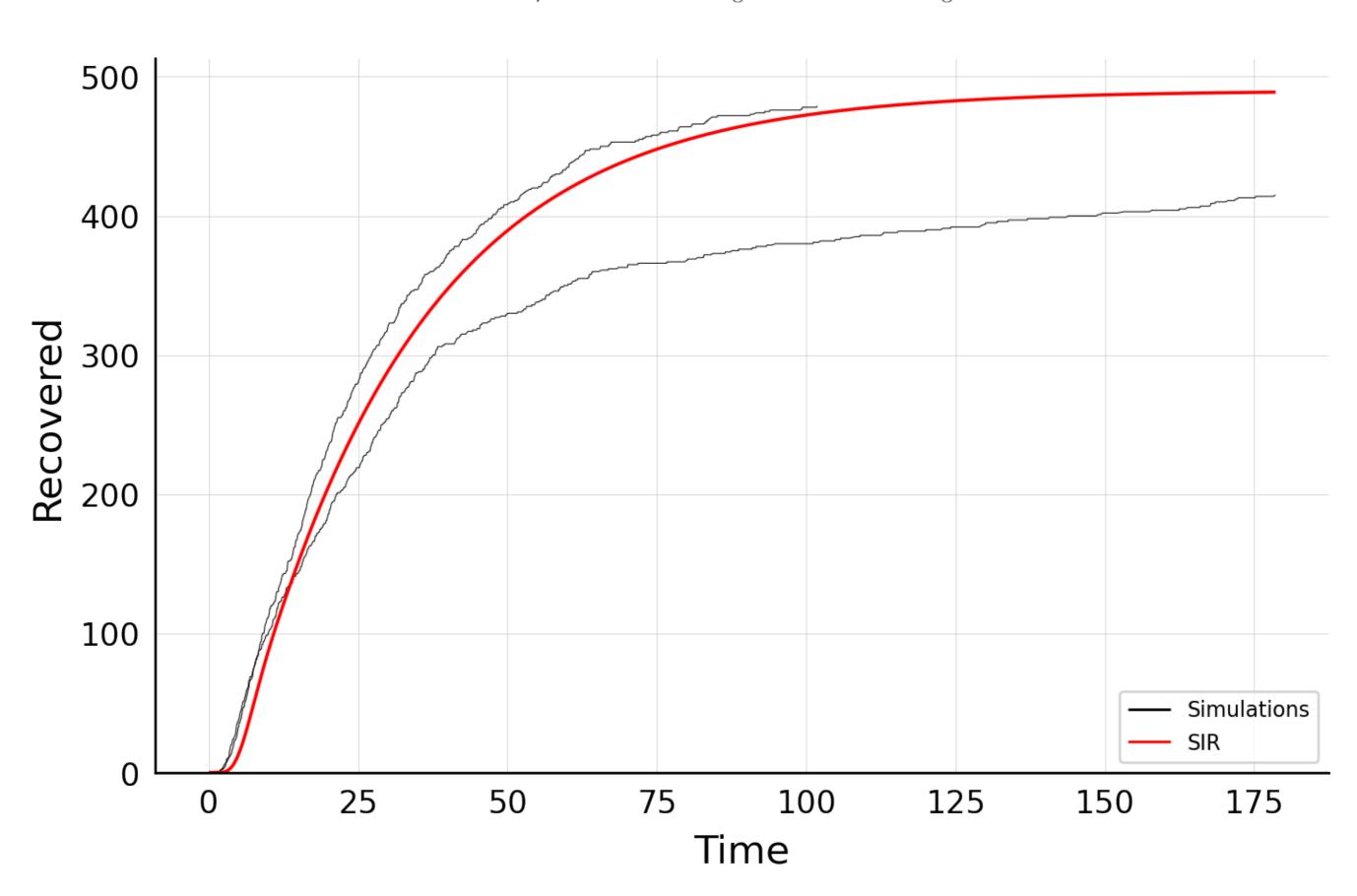
$$N_{\mathrm{tot}} = 58K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 100.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#2$

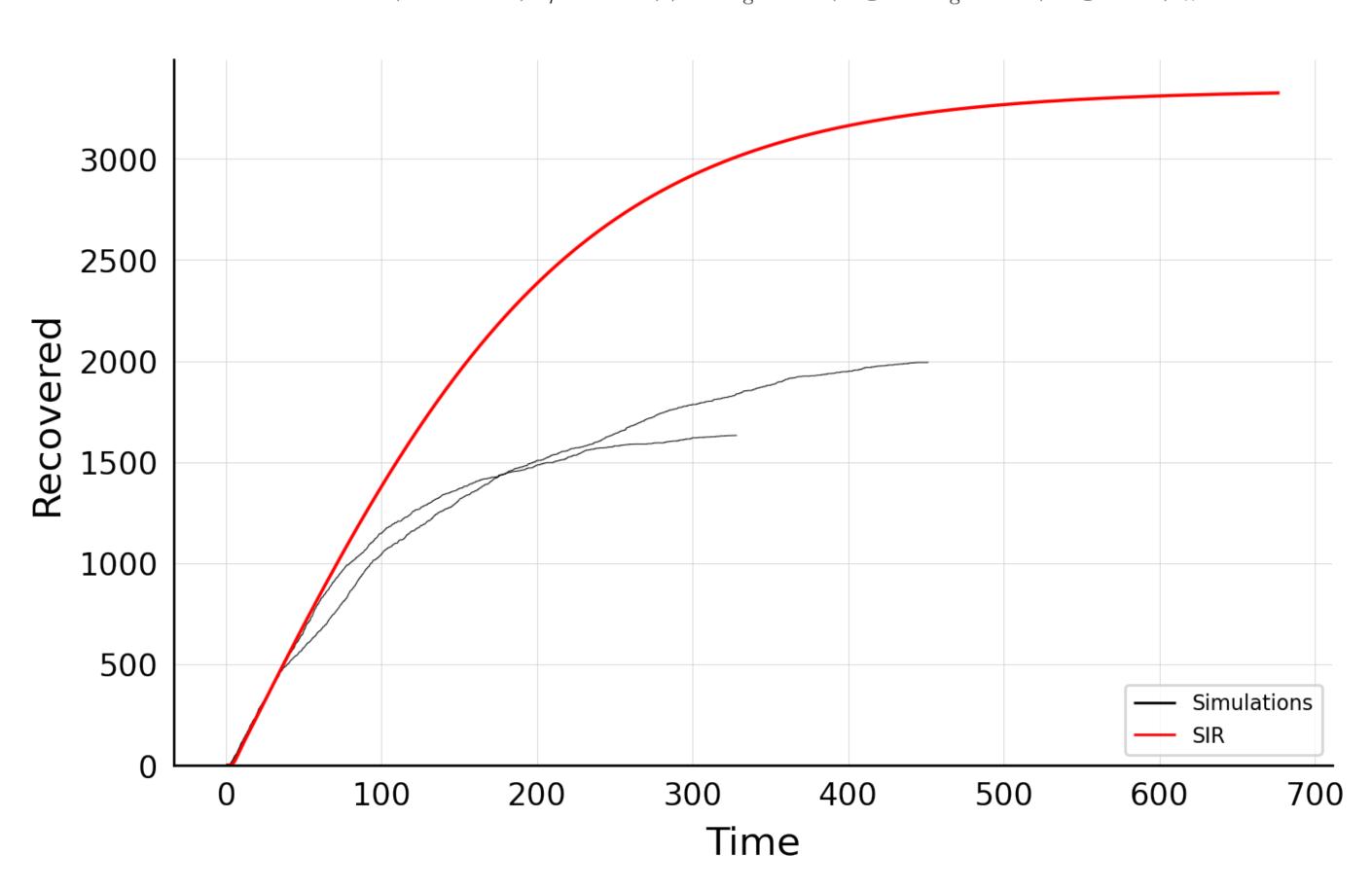


$$N_{\mathrm{tot}} = 58K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 20.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$

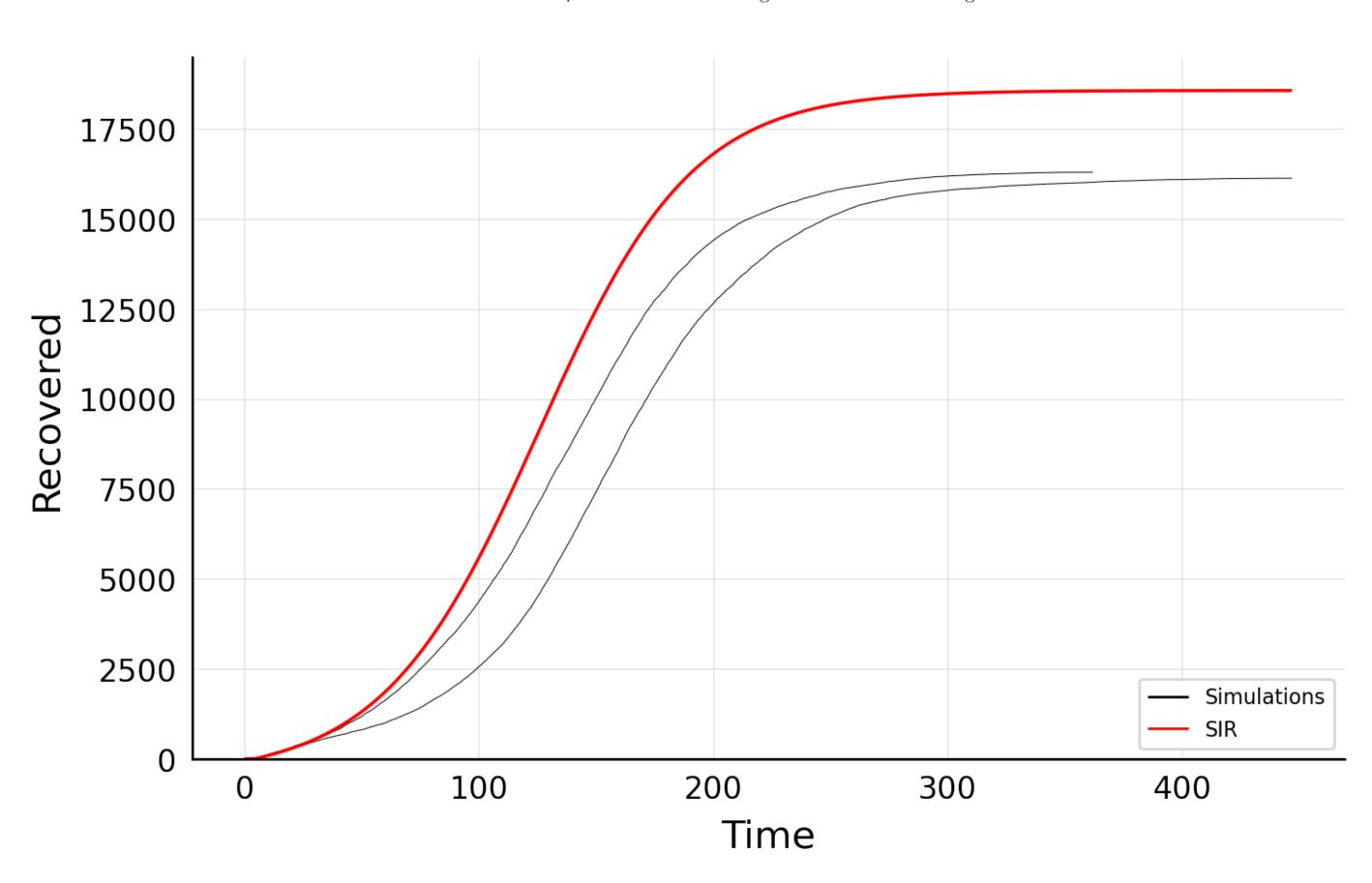
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#2$



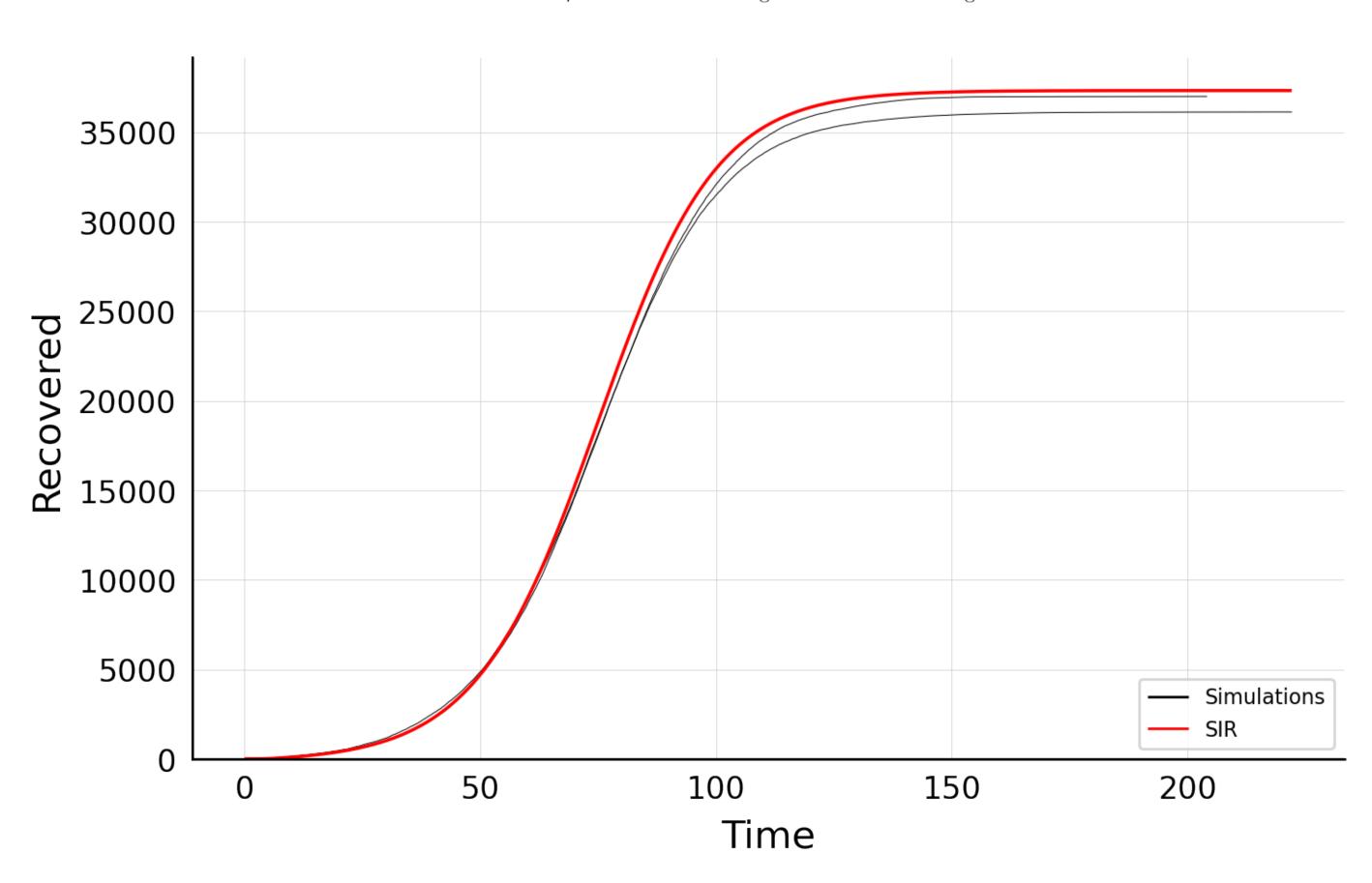
$$N_{
m tot} = 58K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 25.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#2$



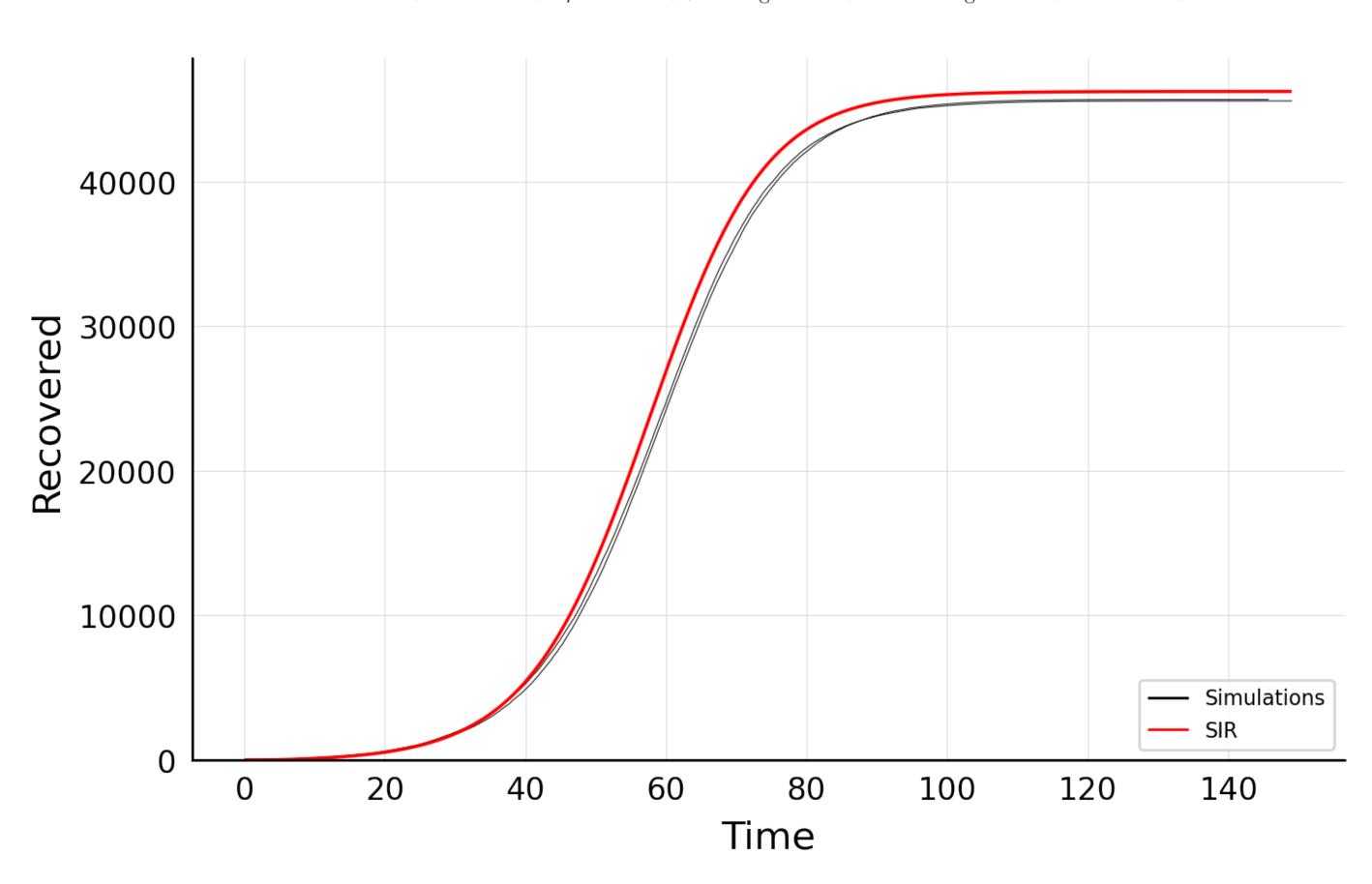
$$N_{
m tot} = 58K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 30.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#2$



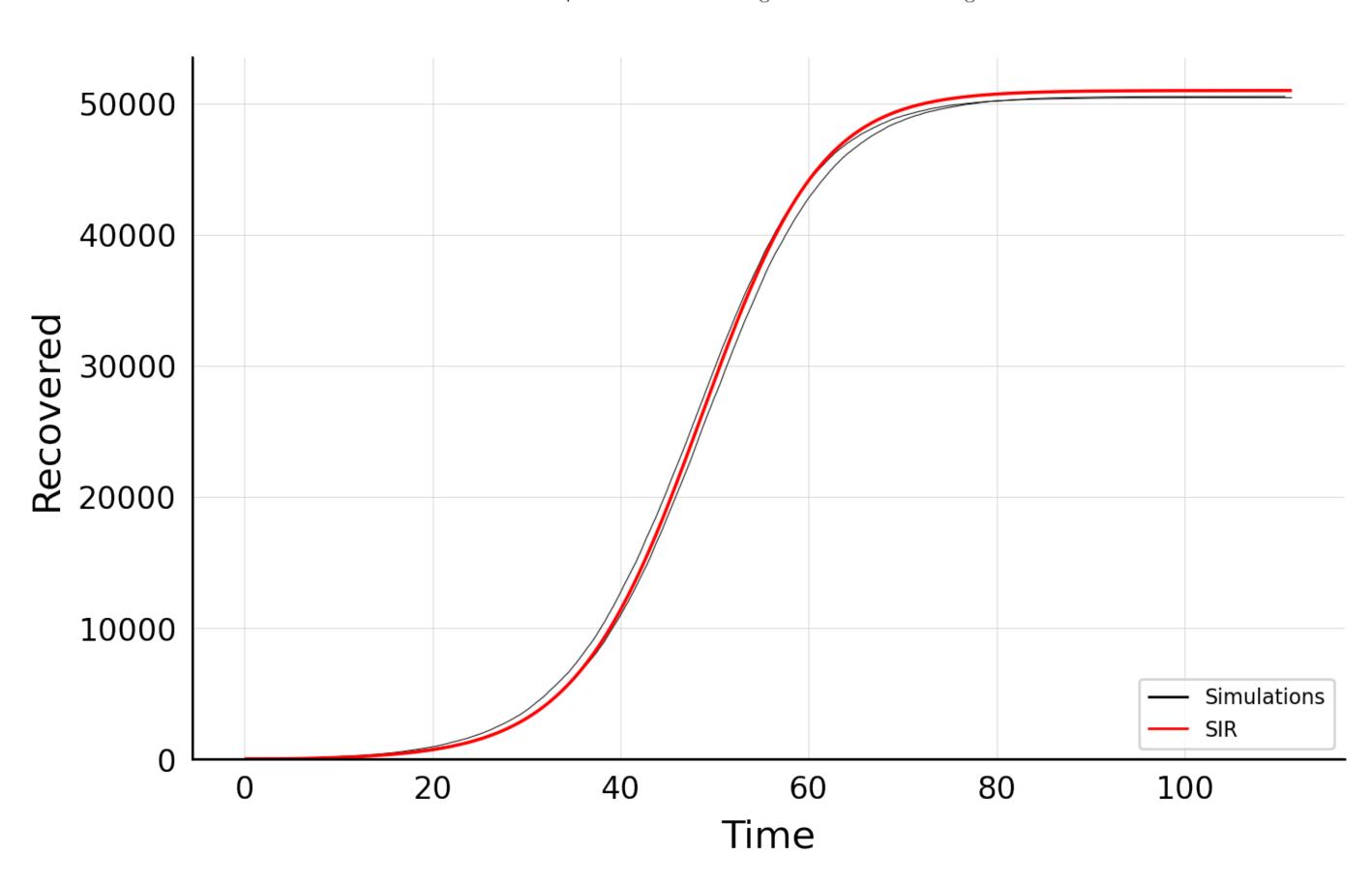
$$N_{
m tot} = 58K, \ N_{
m init} = 100, \ N_{
m ages} = 1, \ \mu = 40.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{
m scaling} = 1.0, \ {
m age}_{
m mixing} = 1.0, \ {
m algo} = 2, \ \#2$



$$N_{\mathrm{tot}} = 58K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 50.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#2$



$$N_{\mathrm{tot}} = 58K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 60.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#2$



$$N_{\mathrm{tot}} = 58K, \ N_{\mathrm{init}} = 100, \ N_{\mathrm{ages}} = 1, \ \mu = 80.0, \ \sigma_{\mu} = 0.0, \ \beta = 0.01, \ \sigma_{\beta} = 0.0, \ \rho = 0.0$$
 $\lambda_E = 1.0, \ \lambda_I = 1.0, \ \epsilon_{\rho} = 0.01, \ \beta_{\mathrm{scaling}} = 1.0, \ \mathrm{age_{mixing}} = 1.0, \ \mathrm{algo} = 2, \ \#2$

