

$N_{\text{tot}} = 580K, \rho = 0.0, \epsilon_{\rho} = 0.04, \mu = 20.0, \sigma_{\mu} = 0.0, \beta = 0.012, \sigma_{\beta} = 0.0, \text{algo} = 2, N_{\text{init}} = 100$

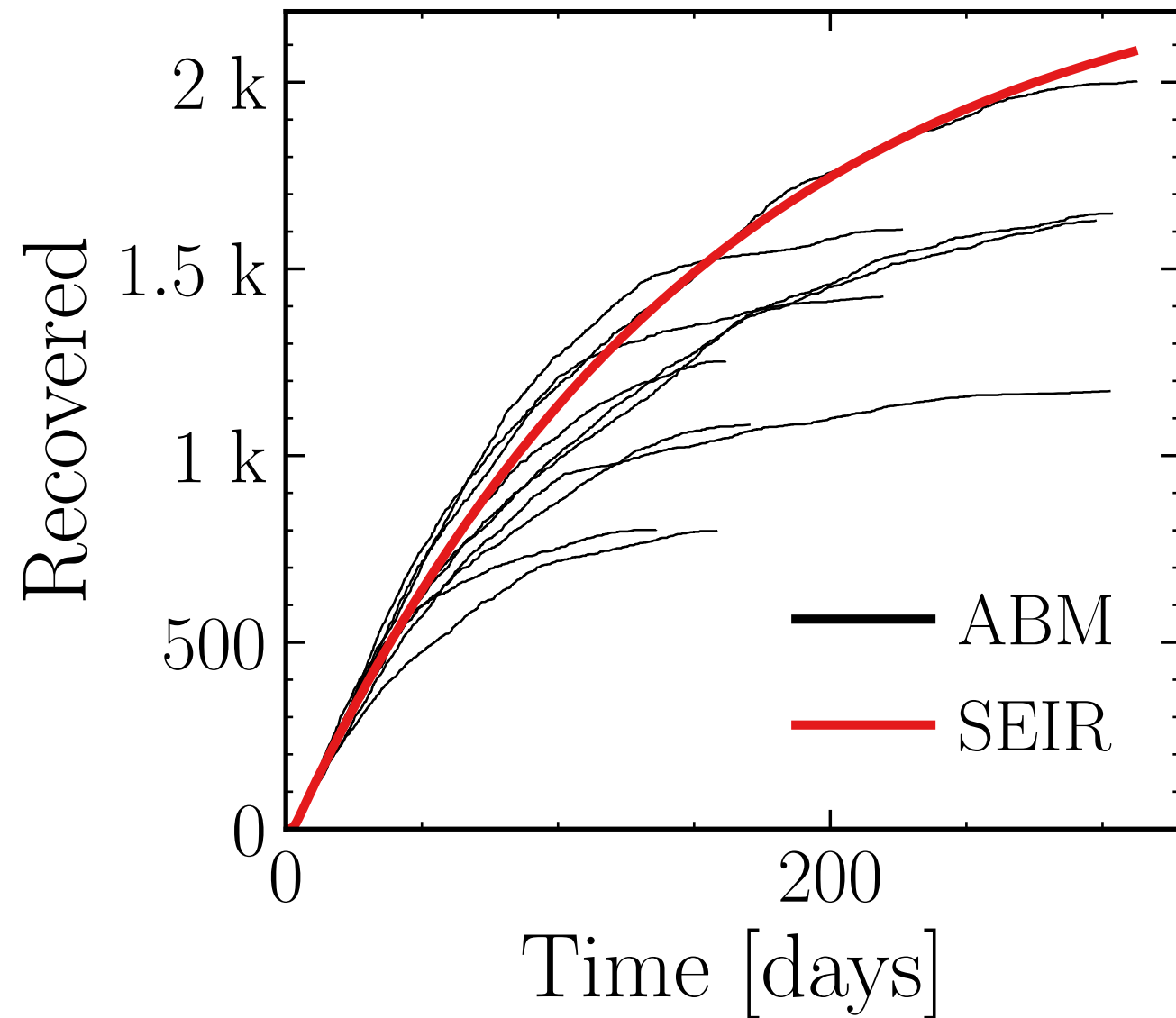
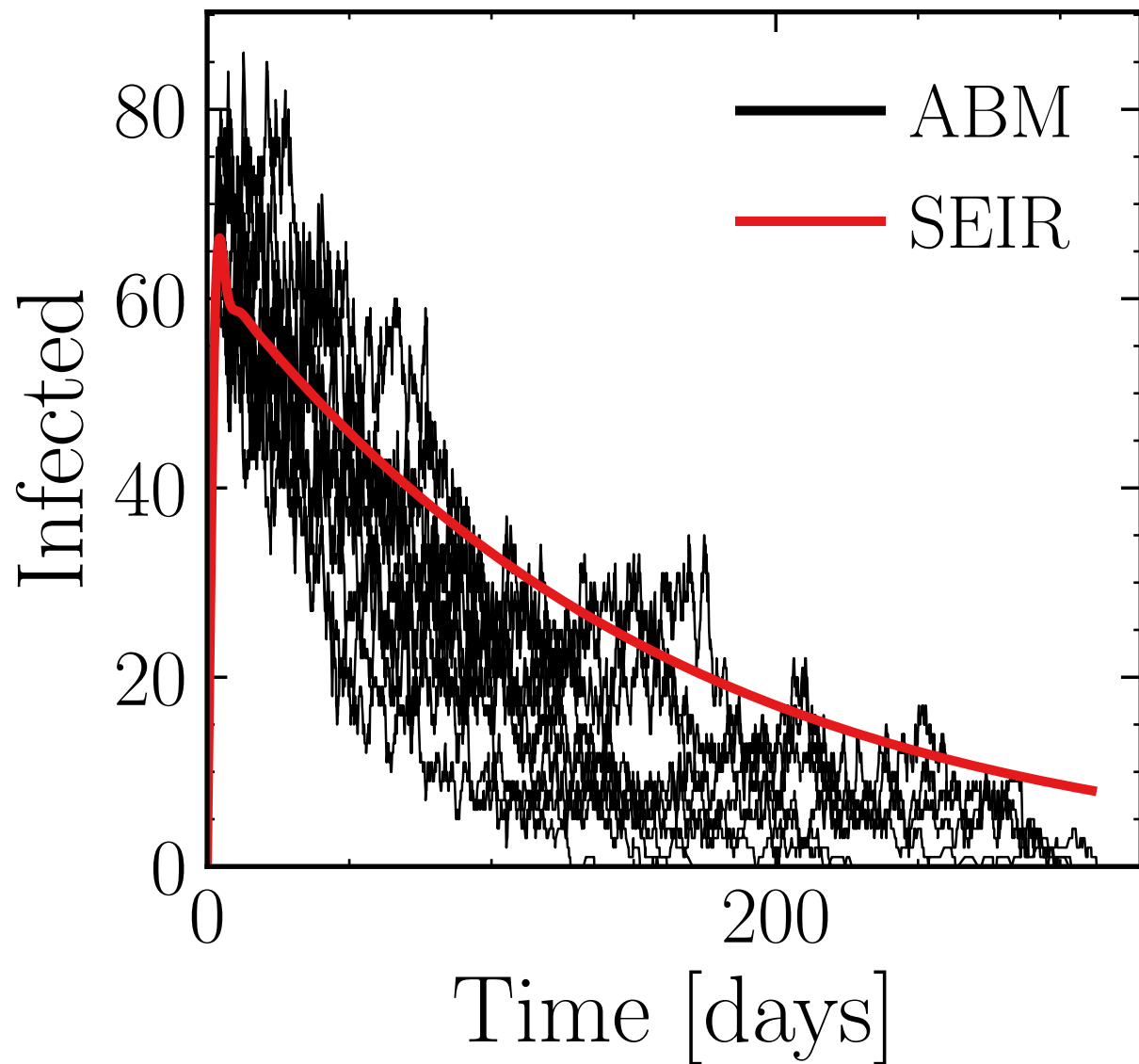
$\lambda_E = 1.0, \lambda_I = 1.0, \text{rand.inf.} = \text{True}, N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0, \text{event}_{\text{size}_{\text{max}}} = 0, \text{event}_{\text{size}_{\text{mean}}} = 50.0, \text{event}_{\beta_{\text{scaling}}} = 10.0, \text{event}_{\text{weekend}_{\text{multiplier}}} = 1.0$

$I_{\text{max}}^{\text{ABM}} = (75 \pm 2.7\%)$

$v. = 1.0, \text{hash} = 637116\text{fb6d}, \#10$

$R_{\infty}^{\text{ABM}} = (1.3 \pm 8.8\%) \cdot 10^3$



$N_{\text{tot}} = 580K, \rho = 0.0, \epsilon_{\rho} = 0.04, \mu = 20.0, \sigma_{\mu} = 0.0, \beta = 0.012, \sigma_{\beta} = 0.0, \text{algo} = 2, N_{\text{init}} = 100$

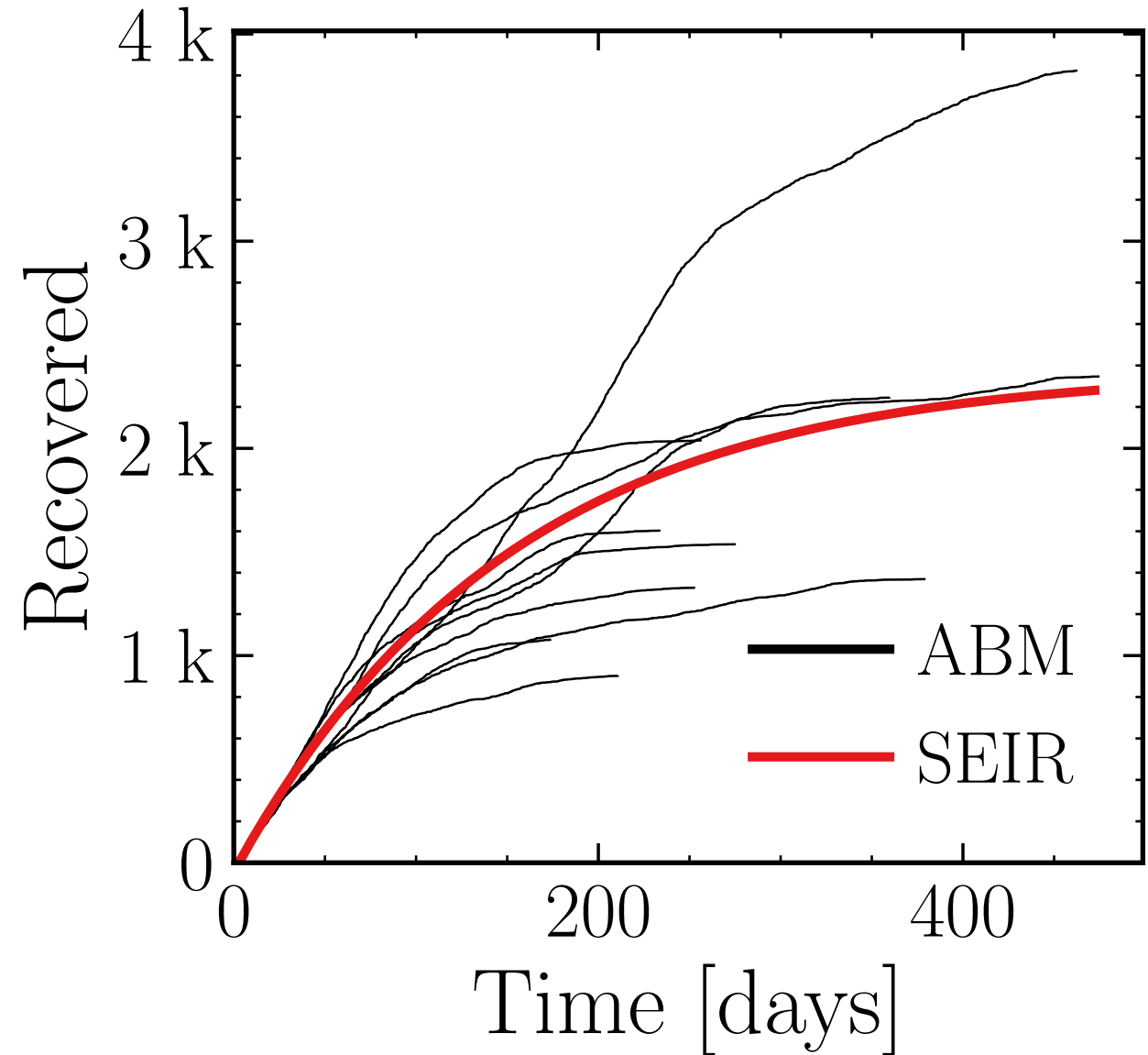
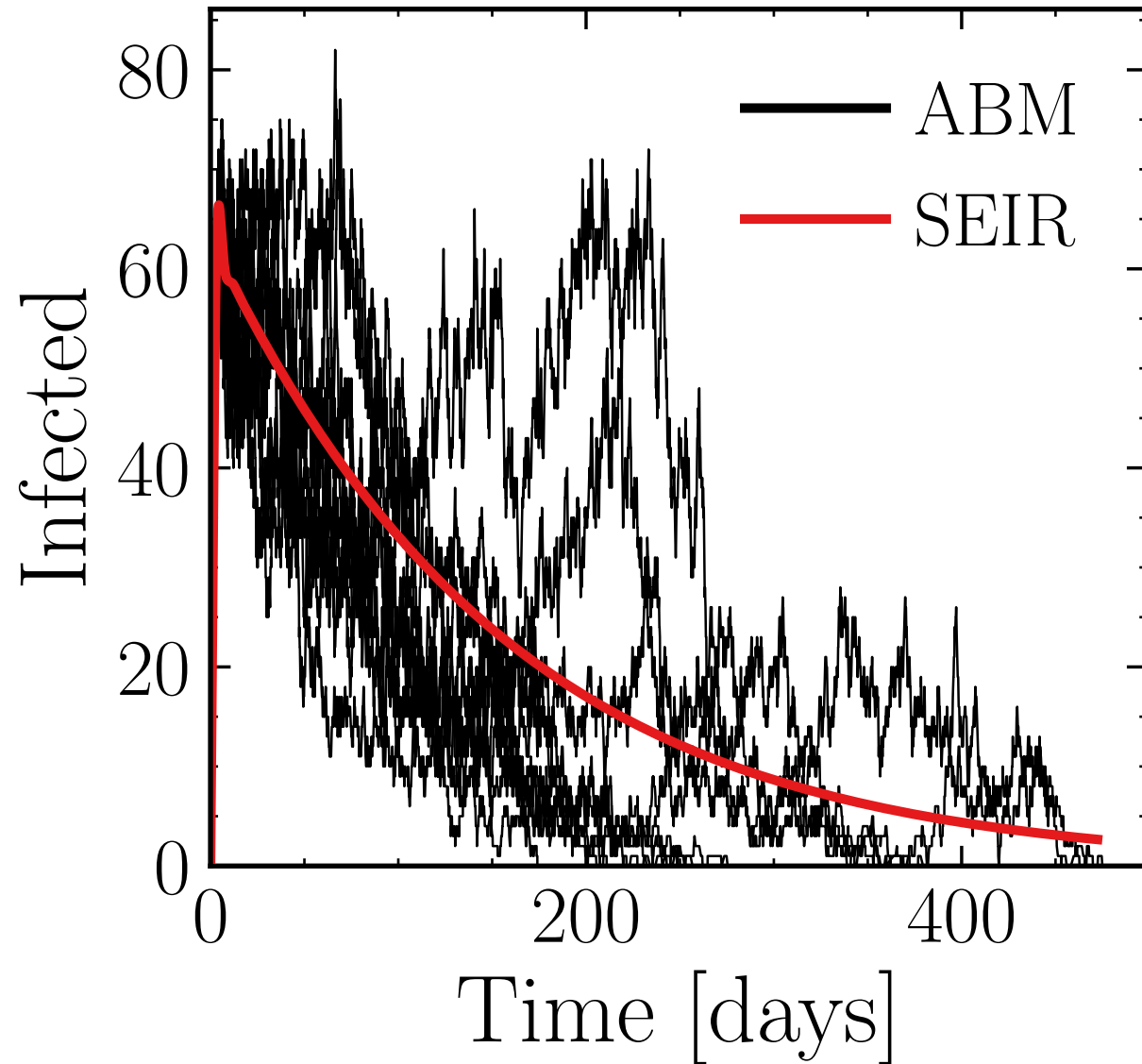
$\lambda_E = 1.0, \lambda_I = 1.0, \text{rand.inf.} = \text{True}, N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100, \text{event}_{\text{size}_{\text{max}}} = 50, \text{event}_{\text{size}_{\text{mean}}} = 50.0, \text{event}_{\beta_{\text{scaling}}} = 10.0, \text{event}_{\text{weekend}_{\text{multiplier}}} = 1.0$

$I_{\text{max}}^{\text{ABM}} = (72 \pm 2.1\%)$

$v. = 1.0, \text{hash} = 4cddd031ce, \#10$

$R_{\infty}^{\text{ABM}} = (1.8 \pm 1.4e + 01\%) \cdot 10^3$



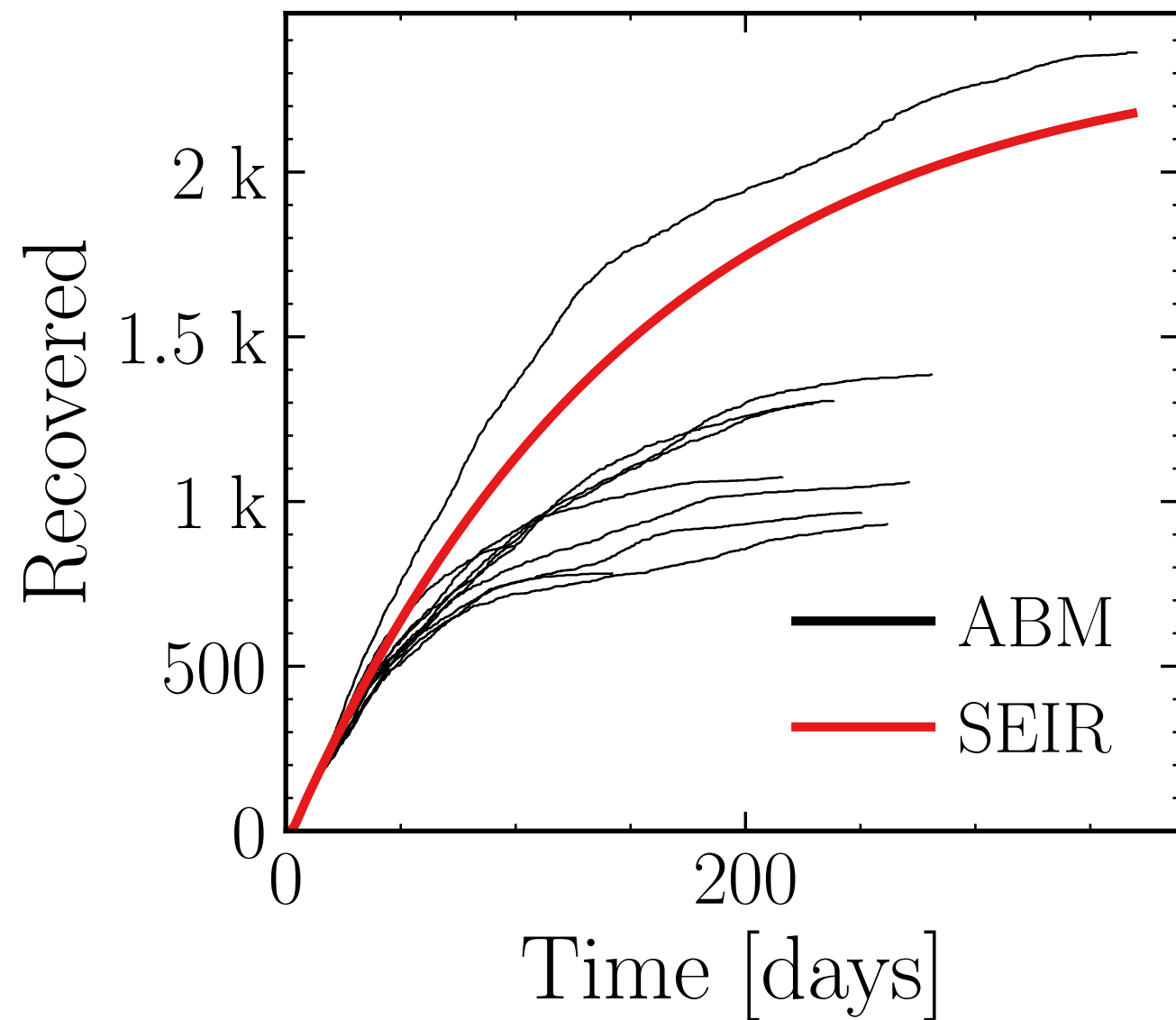
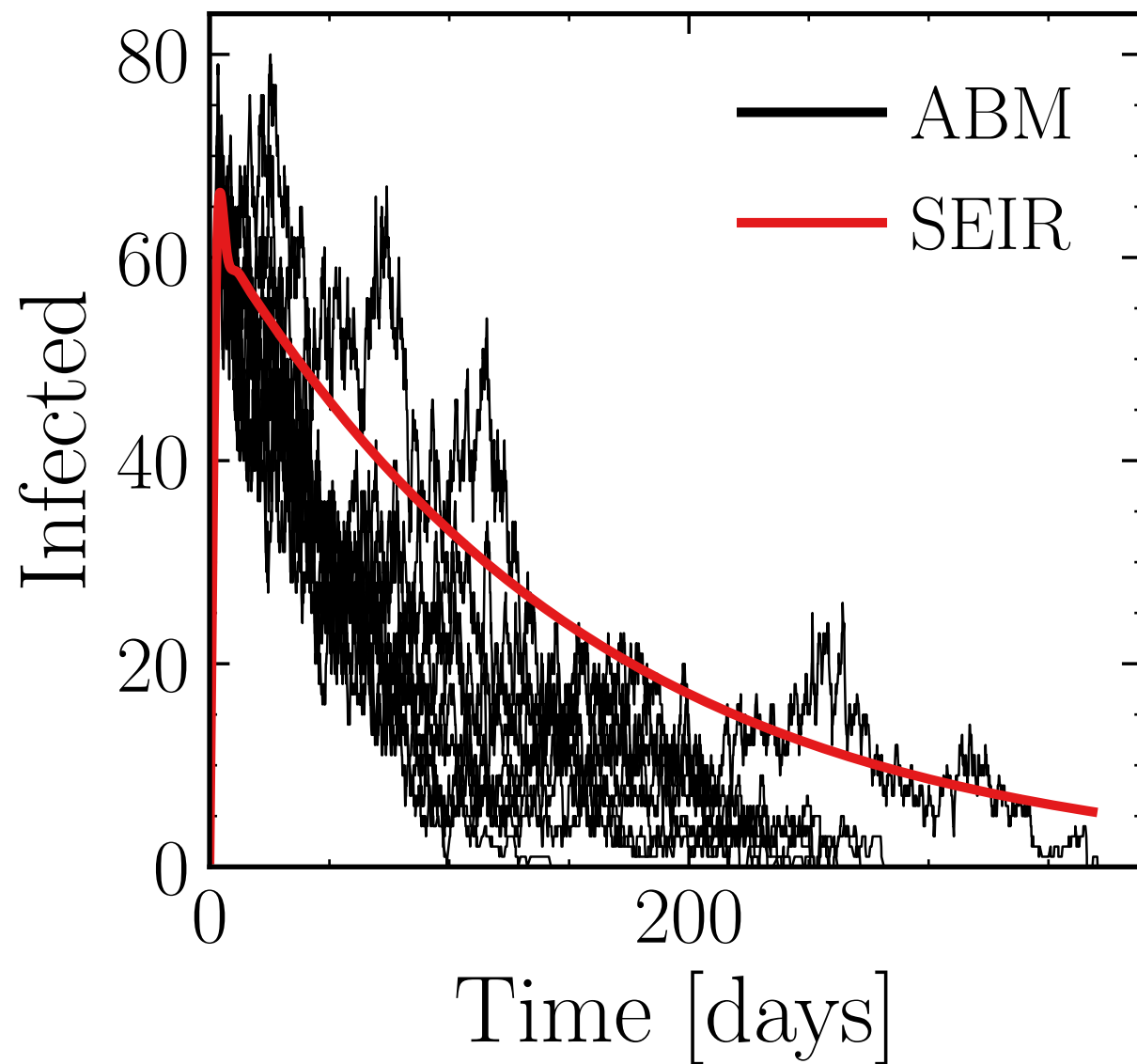
$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_{\rho} = 0.04$, $\mu = 20.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.012$, $\sigma_{\beta} = 0.0$, algo = 2, $N_{\text{init}} = 100$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

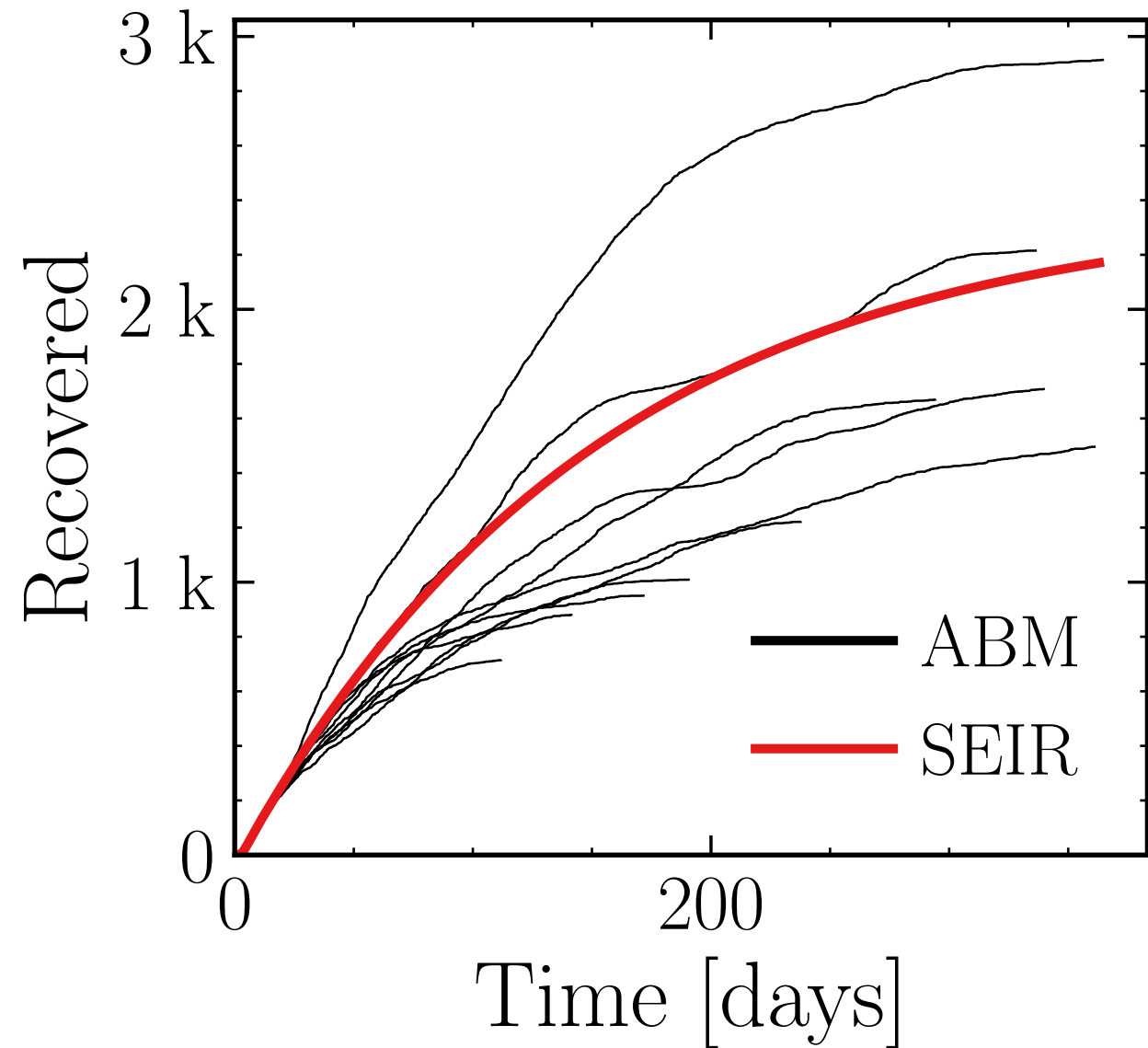
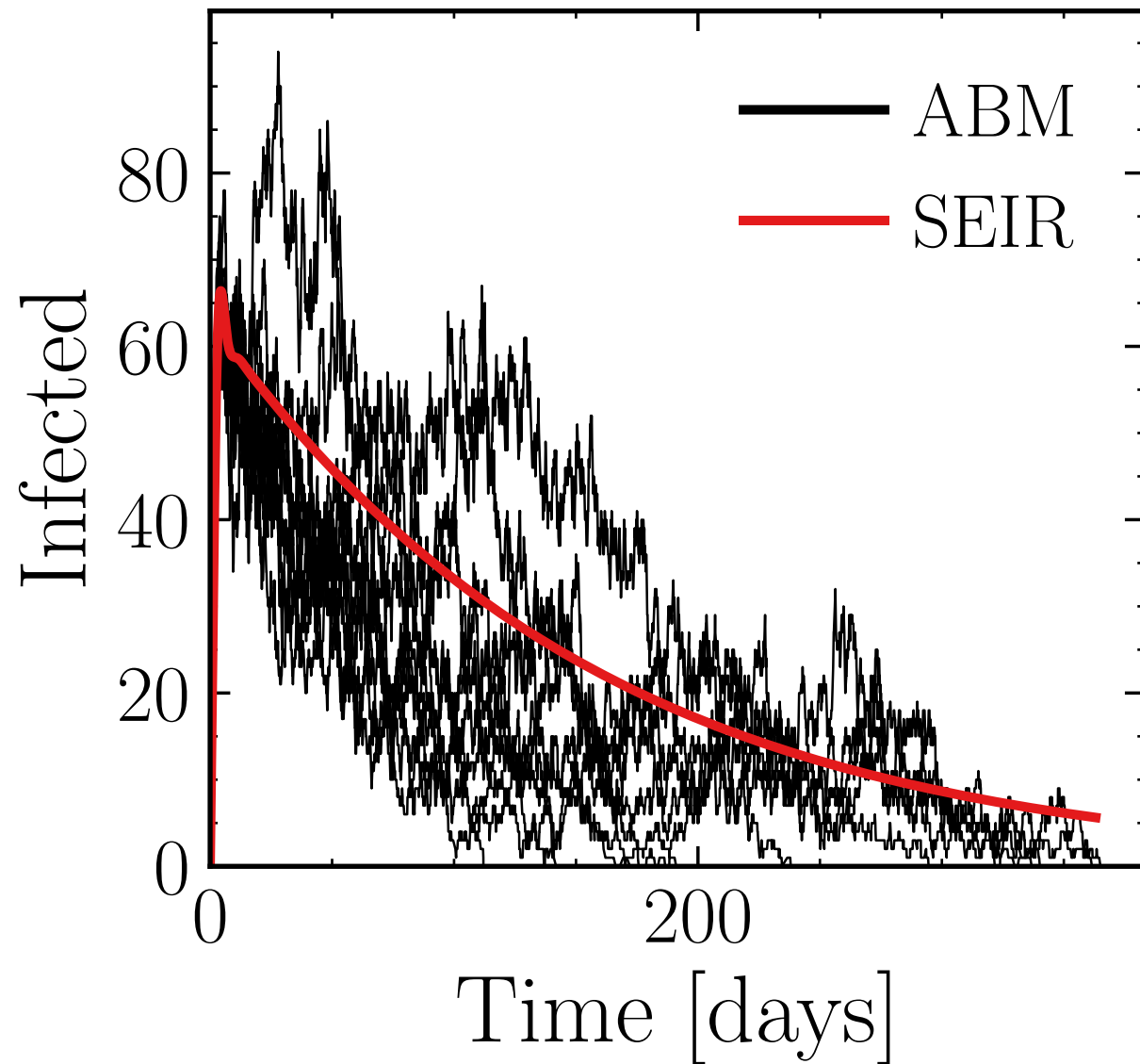
$I_{\text{max}}^{\text{ABM}} = (72 \pm 2.0\%)$. v. = 1.0, hash = a5774bbfb1, #10

$R_{\infty}^{\text{ABM}} = (1.2 \pm 1.1e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_{\rho} = 0.04$, $\mu = 20.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.012$, $\sigma_{\beta} = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 100$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (72 \pm 3.7\%)$, v. = 1.0, hash = e564fdc488, #10

$R_{\infty}^{\text{ABM}} = (1.5 \pm 1.4e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

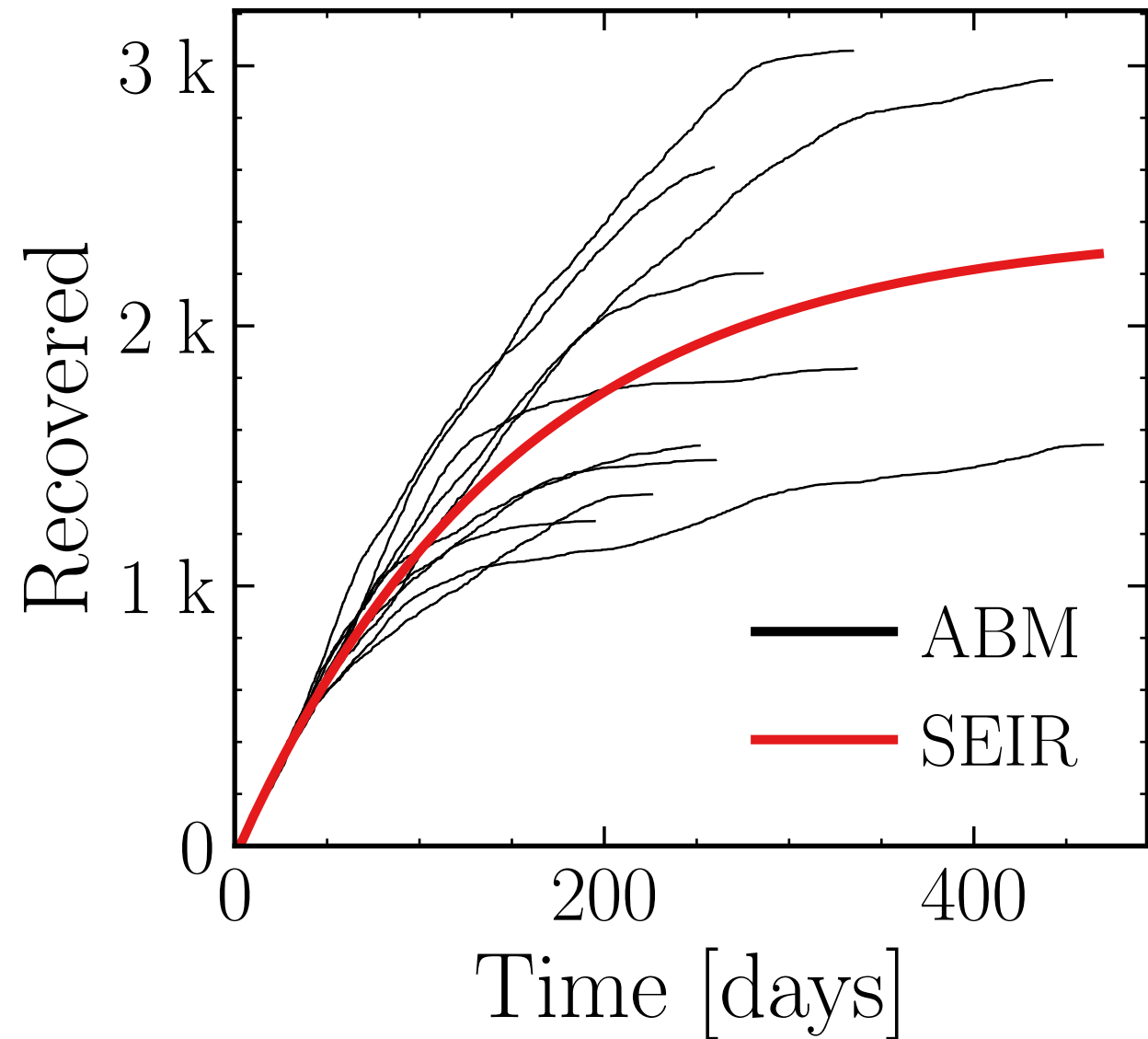
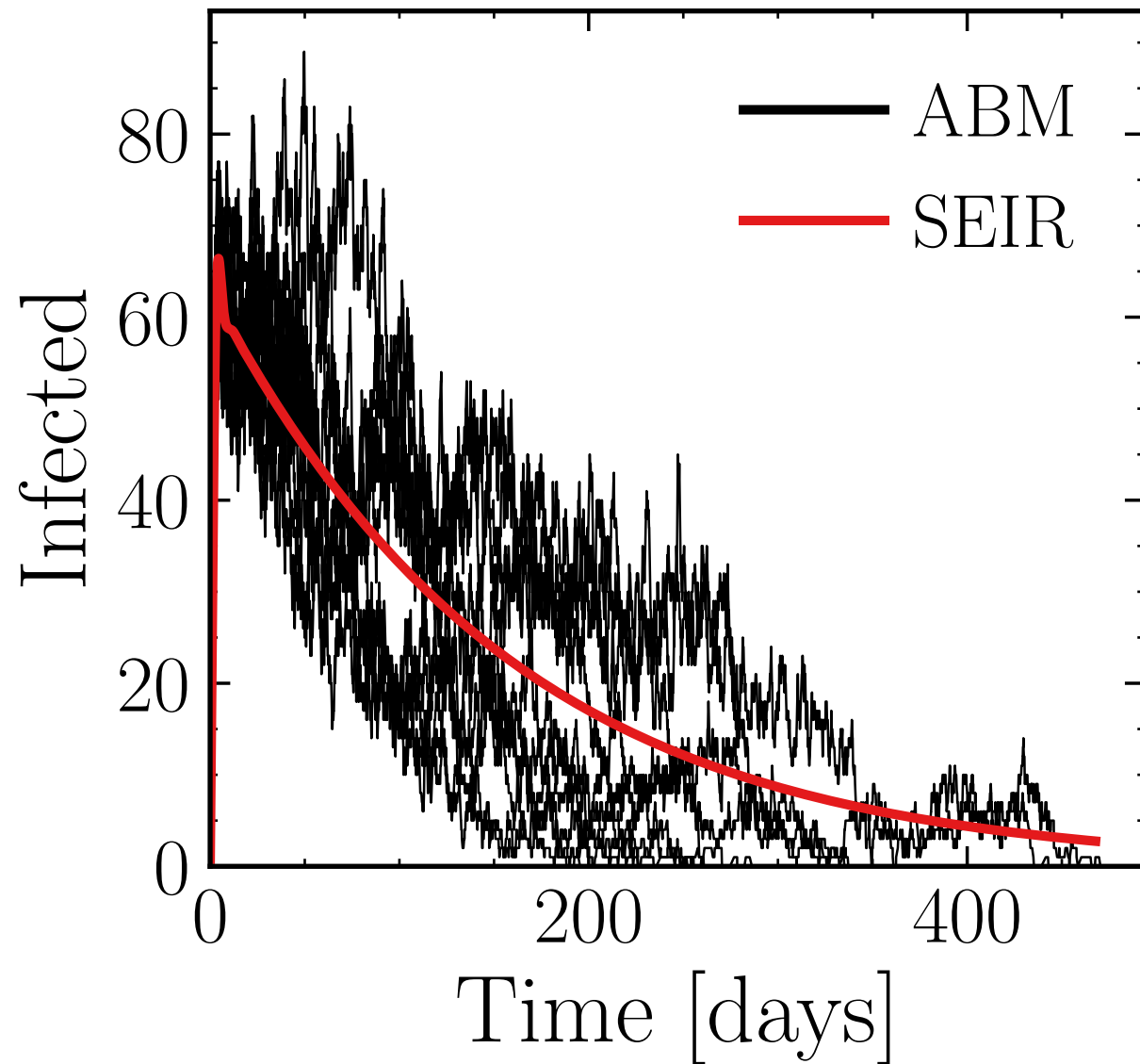
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 500$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (77 \pm 2.4\%)$.

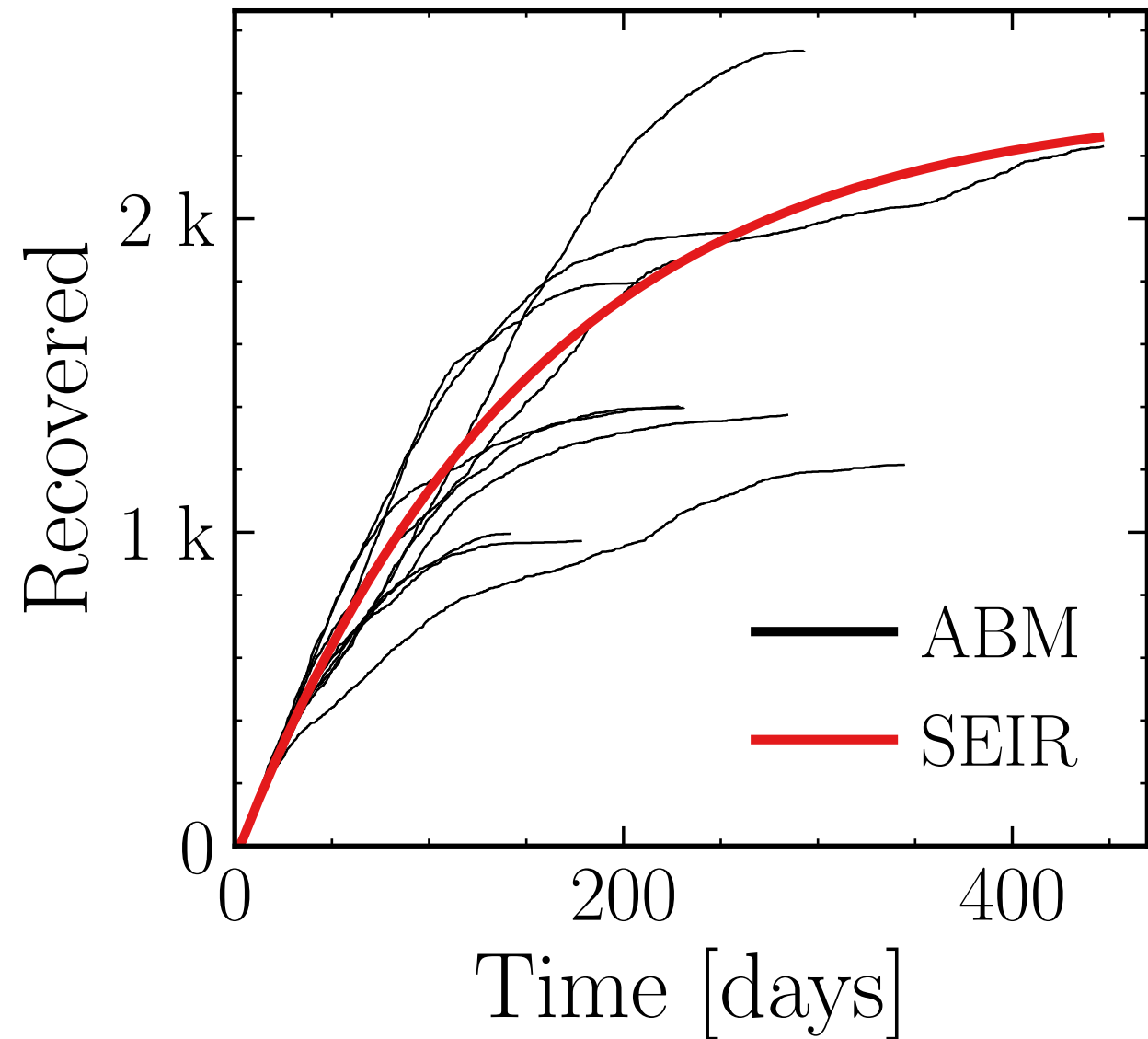
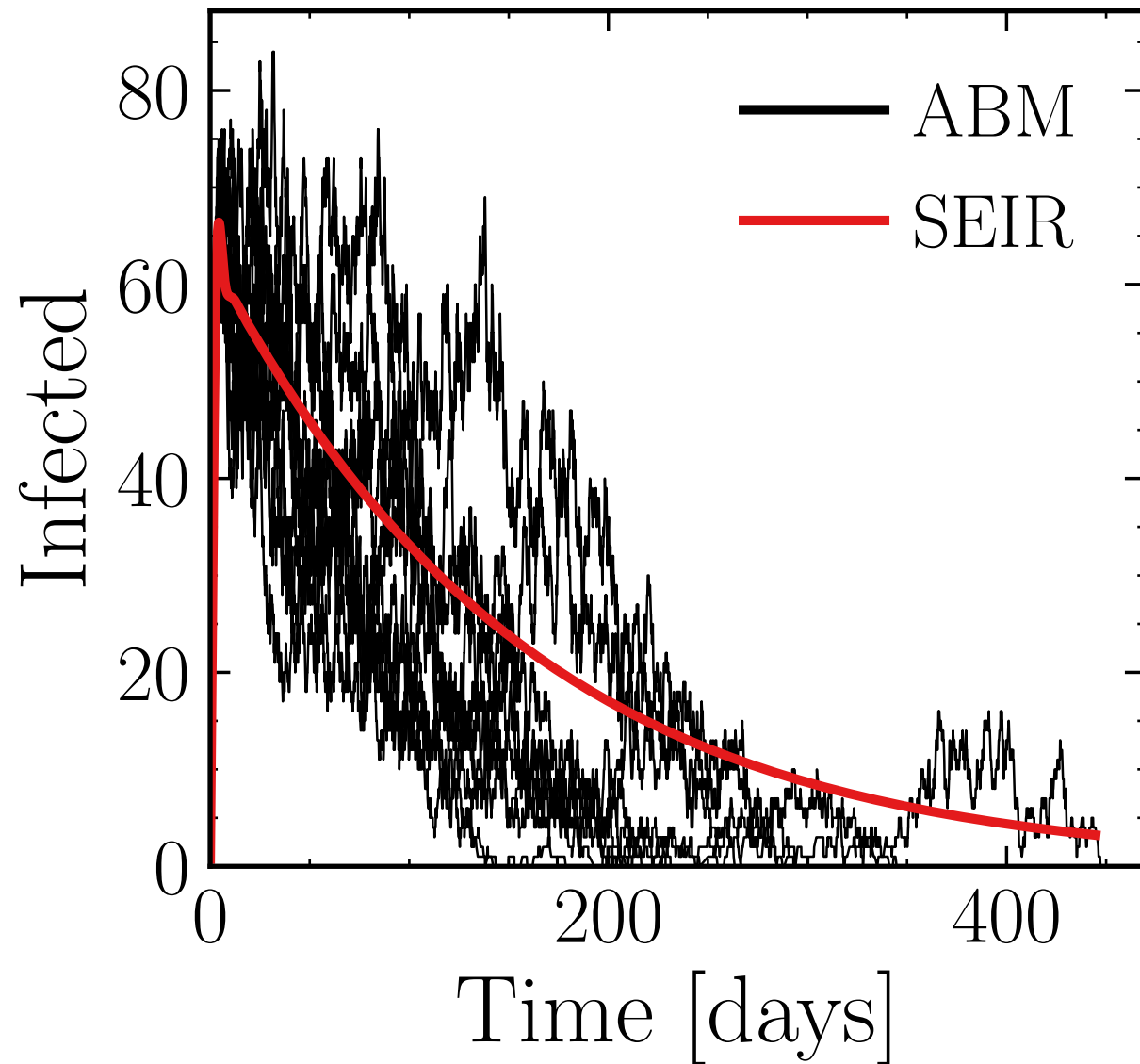
v. = 1.0, hash = 600b492ee0, #10

$R_\infty^{\text{ABM}} = (2 \pm 1e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_{\rho} = 0.04$, $\mu = 20.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.012$, $\sigma_{\beta} = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 500$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (74 \pm 1.9\%)$, v. = 1.0, hash = 5e5c3b12e6, #10

$R_{\infty}^{\text{ABM}} = (1.6 \pm 9.9\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

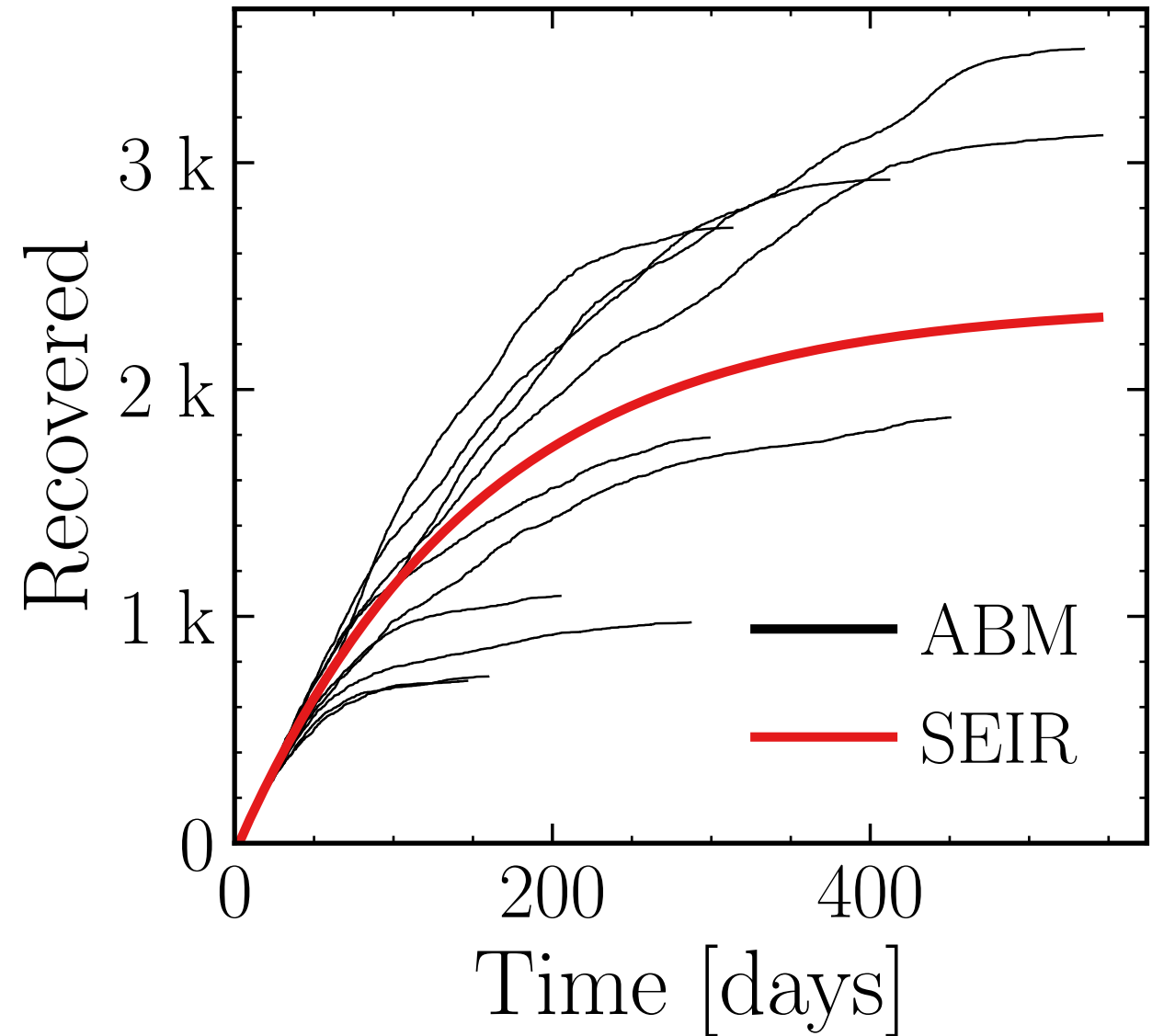
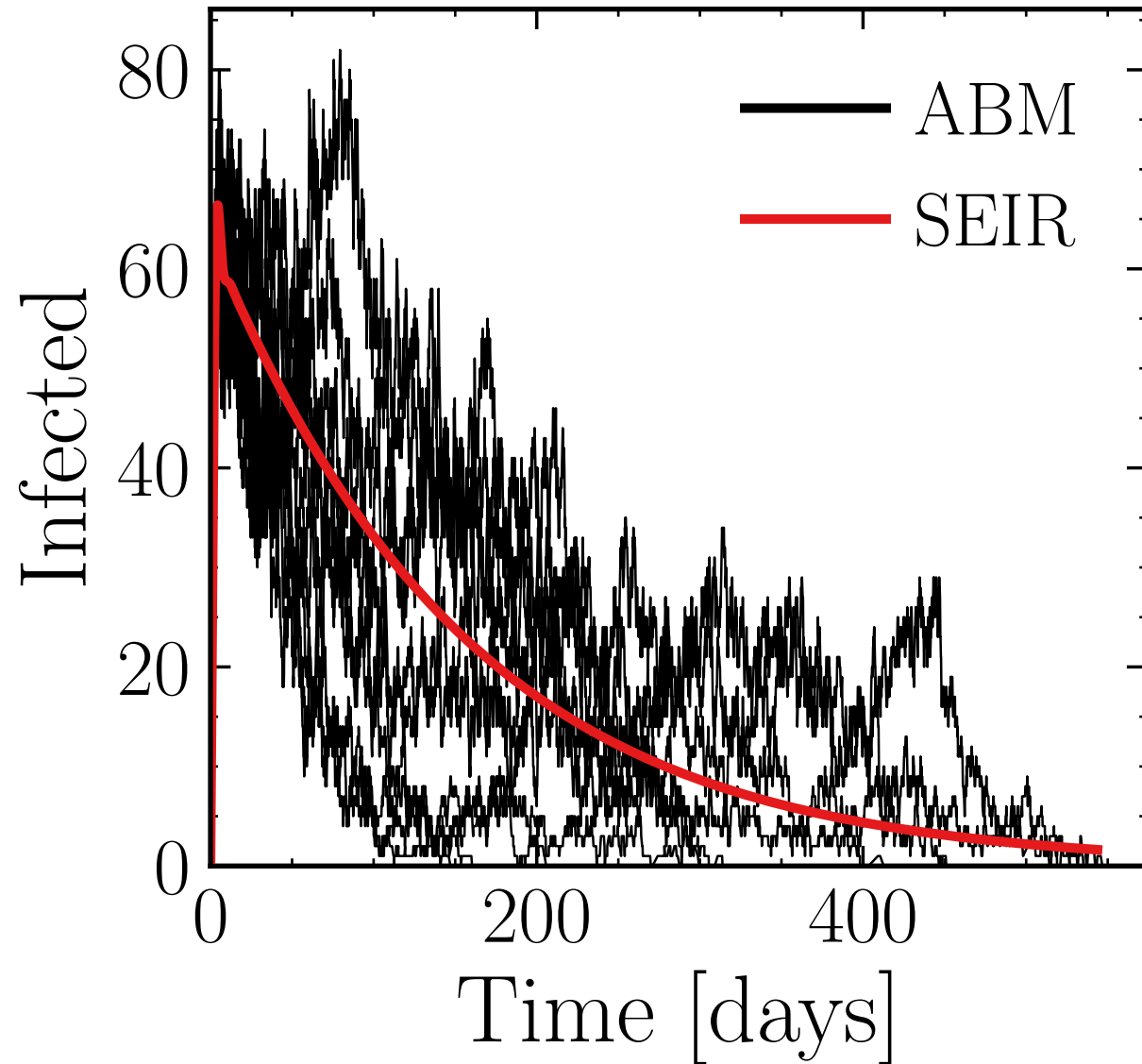
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 500$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (75 \pm 2.0\%)$.

v. = 1.0, hash = 95567f188b, #10

$R_\infty^{\text{ABM}} = (1.9 \pm 1.6e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

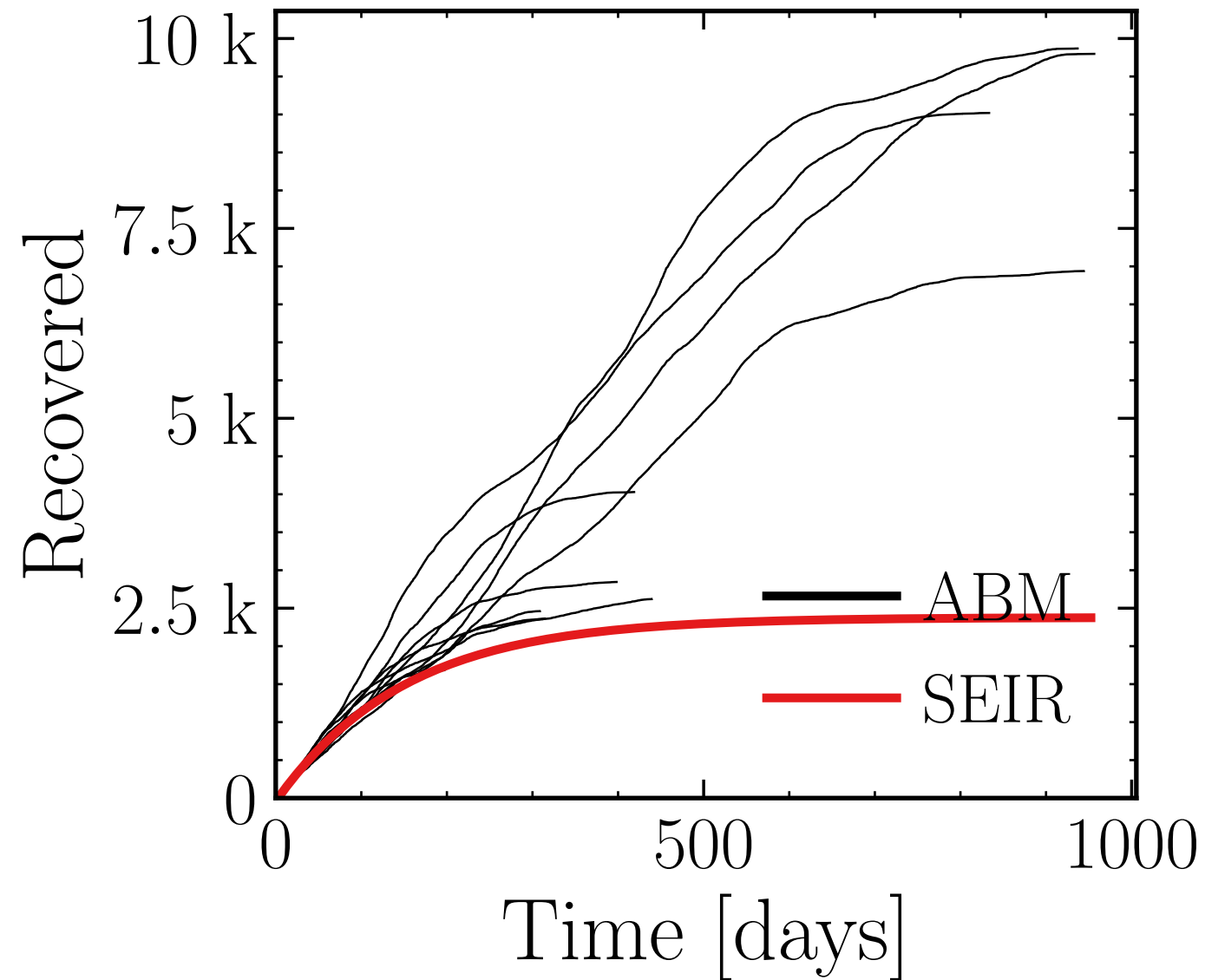
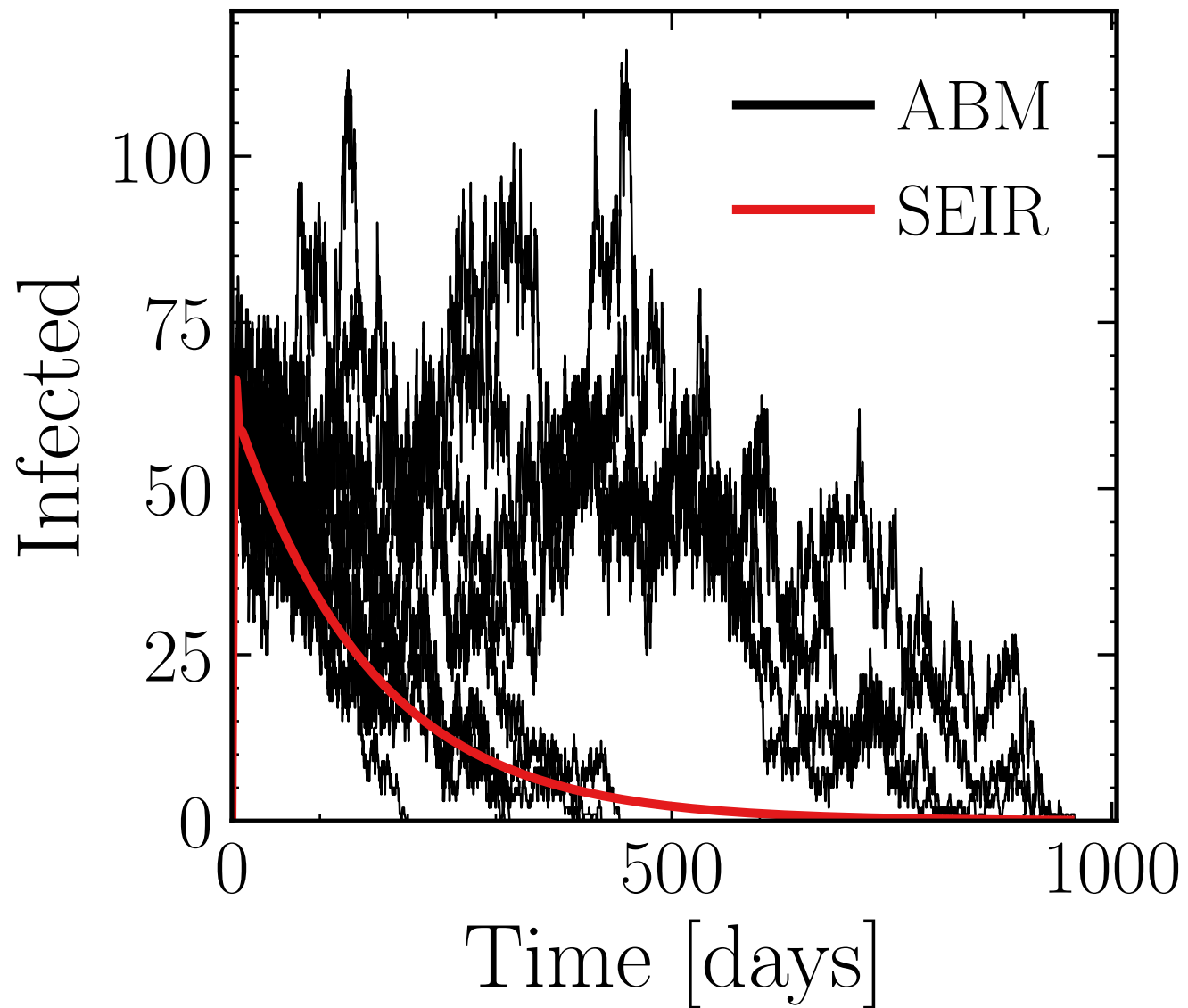
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (85 \pm 5.8\%)$

v. = 1.0, hash = 62a6ddf431, #10

$R_{\infty}^{\text{ABM}} = (5 \pm 2e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

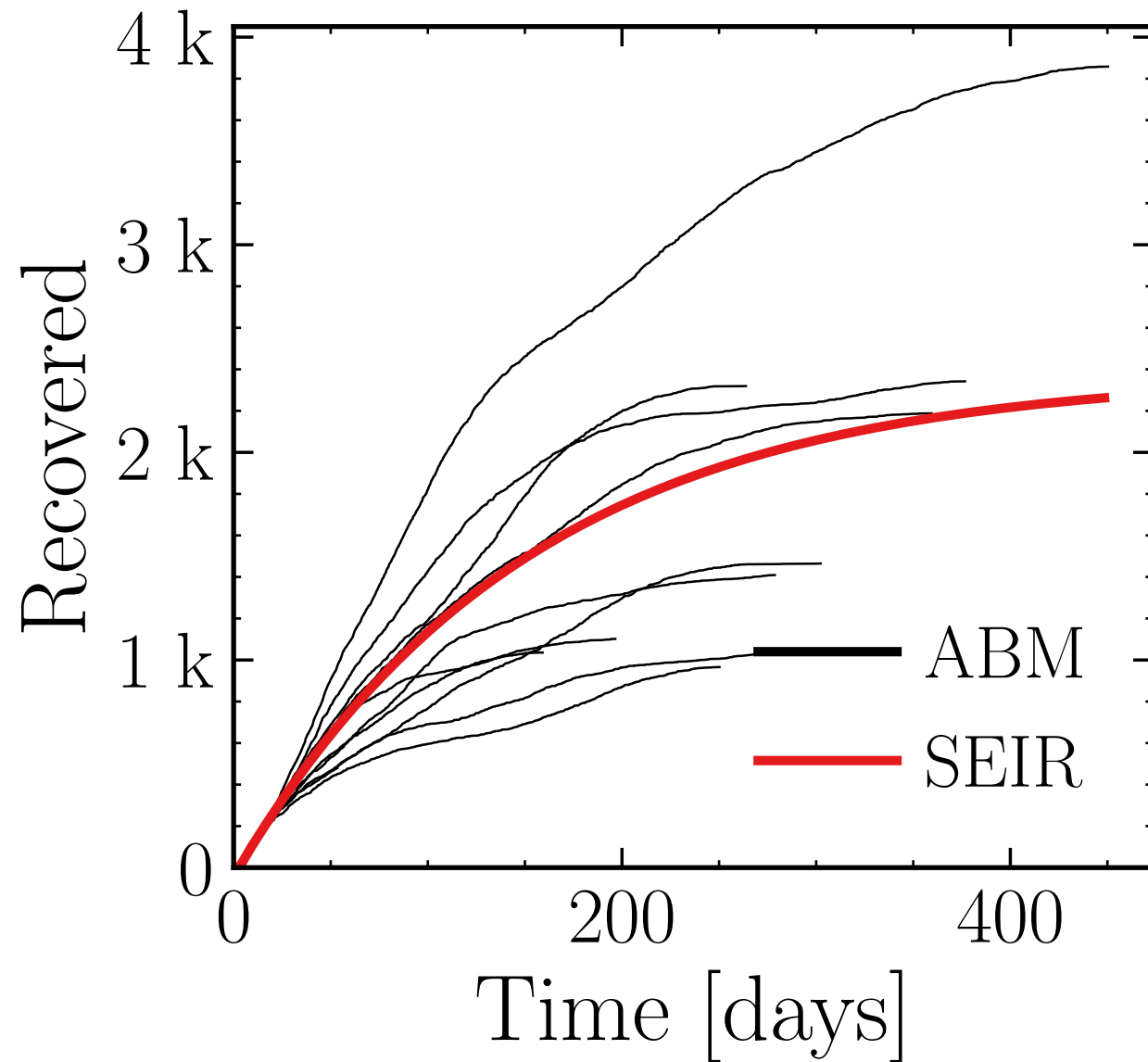
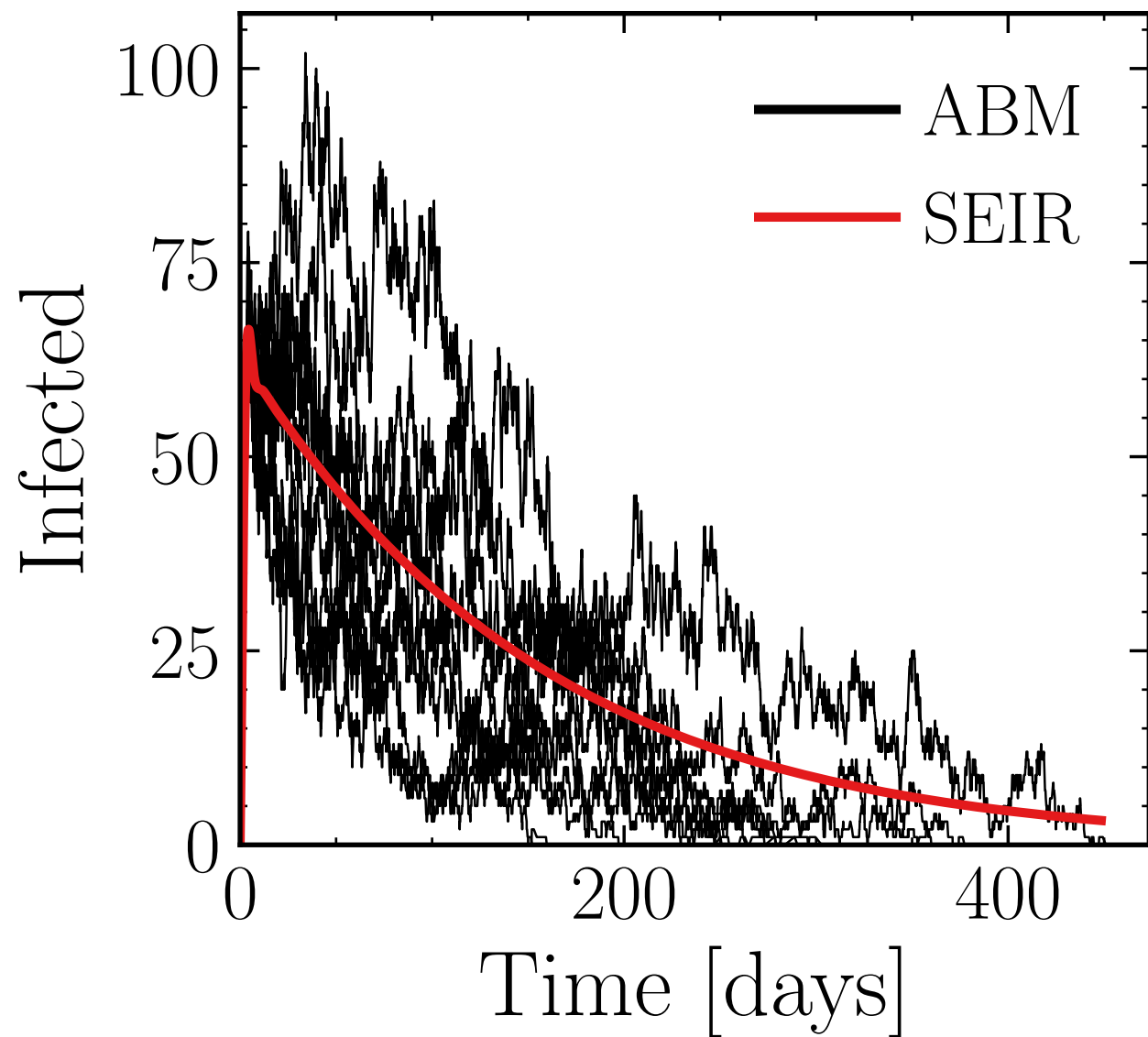
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (74 \pm 4.9\%)$

v. = 1.0, hash = 3bef9e8f62, #10

$R_\infty^{\text{ABM}} = (1.8 \pm 1.6e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

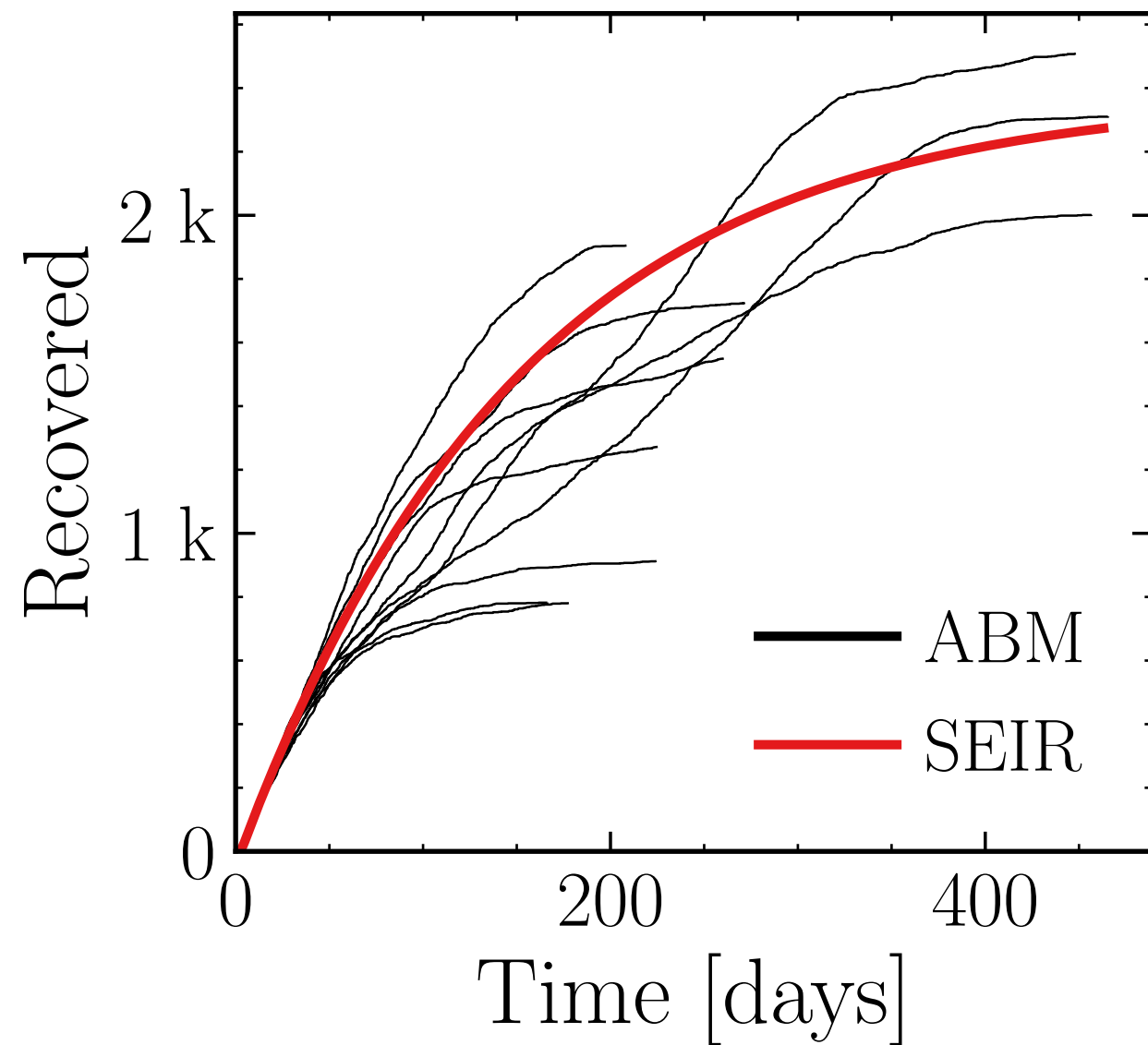
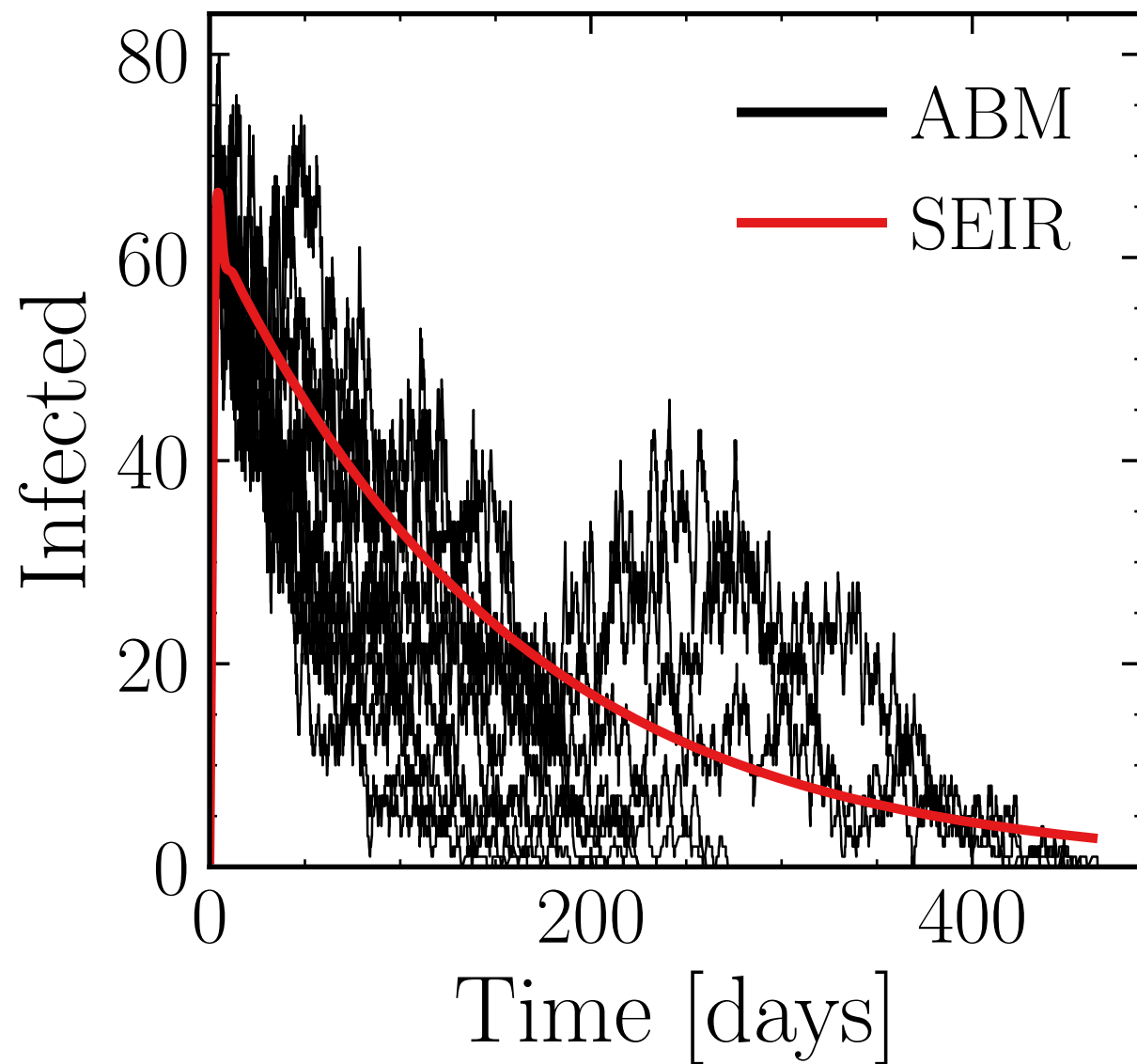
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (72 \pm 1.5\%)$

v. = 1.0, hash = 9e3053feb4, #10

$R_\infty^{\text{ABM}} = (1.6 \pm 1.2e + 01\%) \cdot 10^3$



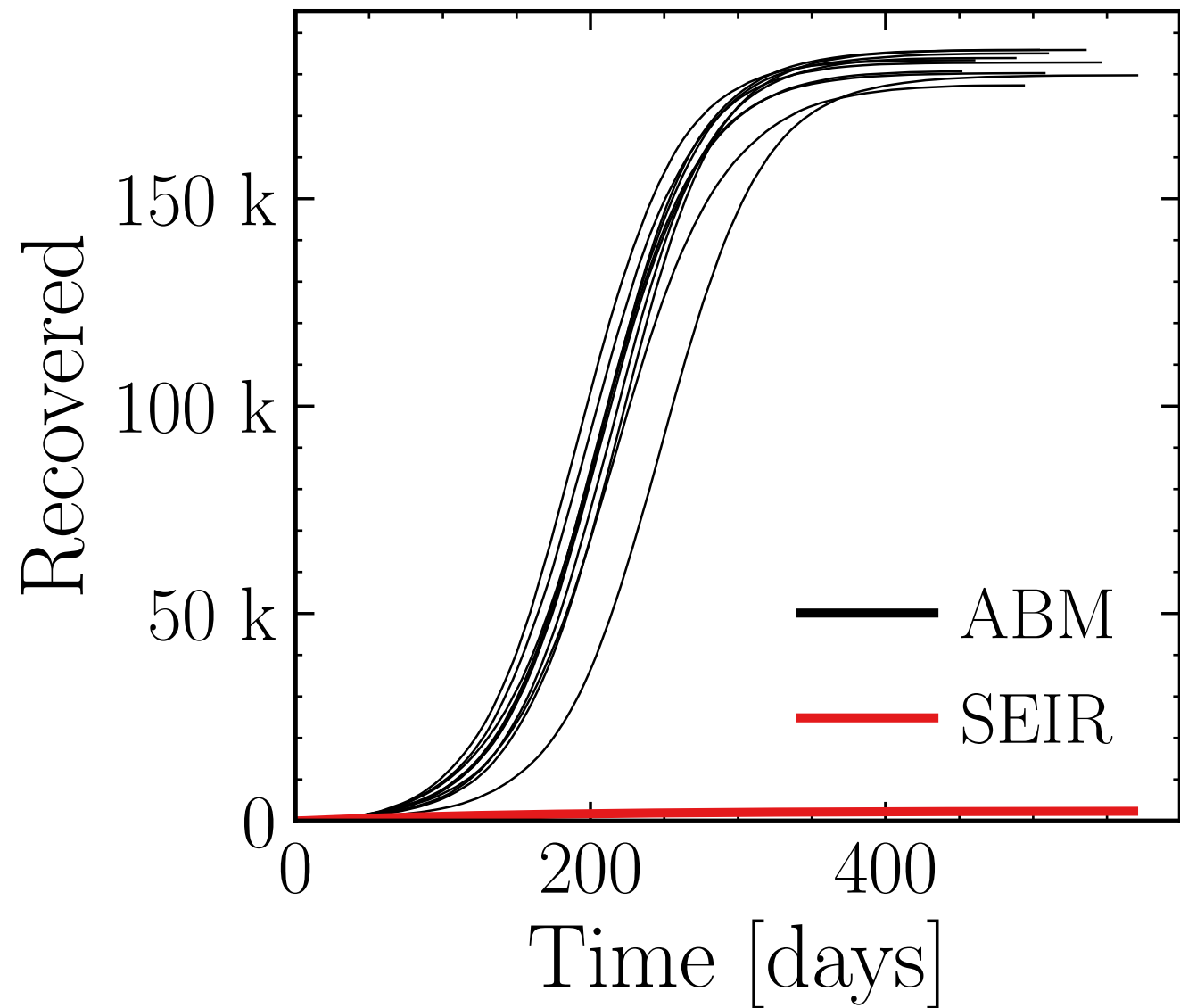
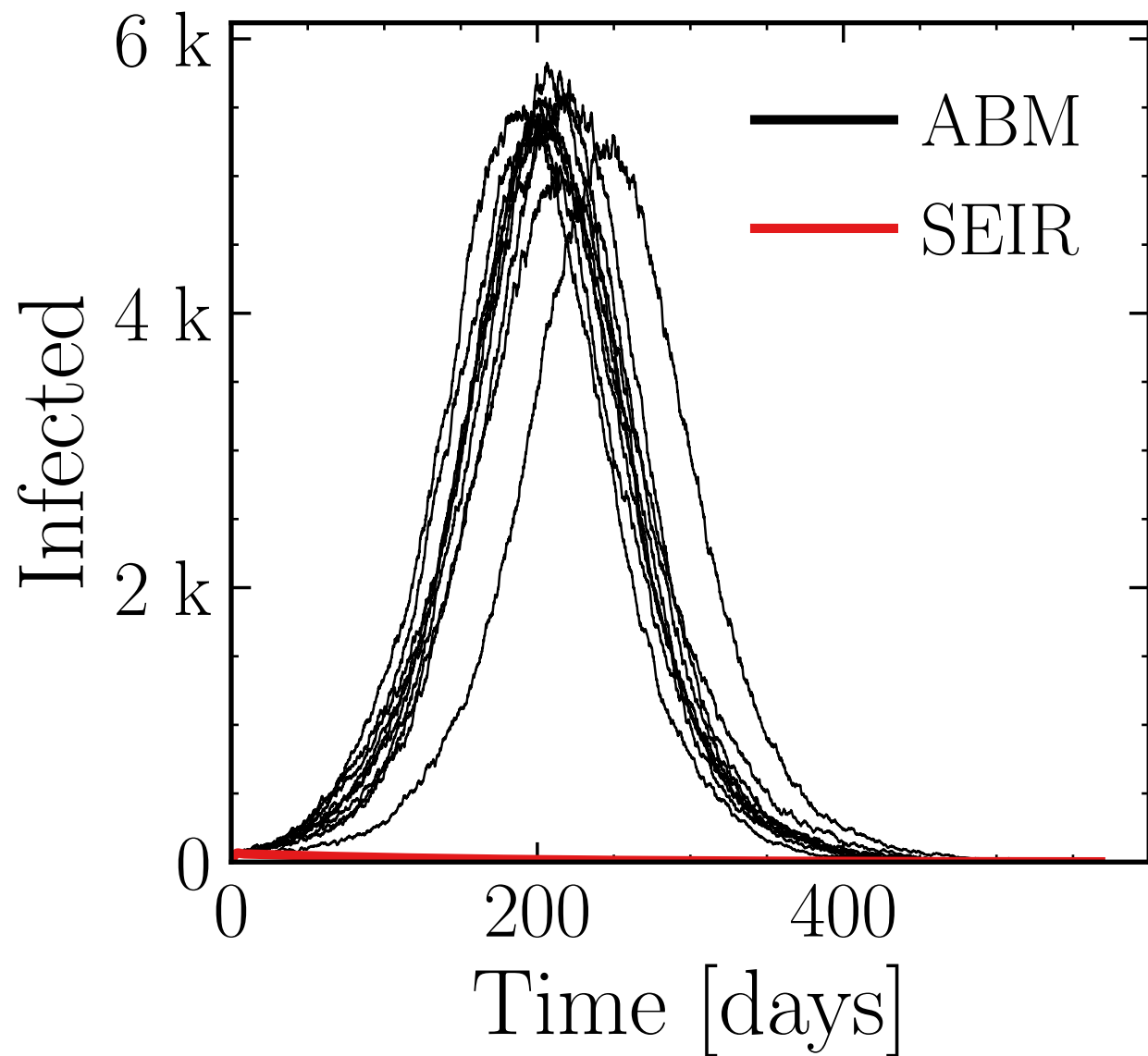
$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_{\rho} = 0.04$, $\mu = 20.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.012$, $\sigma_{\beta} = 0.0$, algo = 2, $N_{\text{init}} = 100$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 5K$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (5.48 \pm 1.3\%) \cdot 10^3$ v. = 1.0, hash = be7ed90753, #10

$R_{\infty}^{\text{ABM}} = (182.5 \pm 0.47\%) \cdot 10^3$



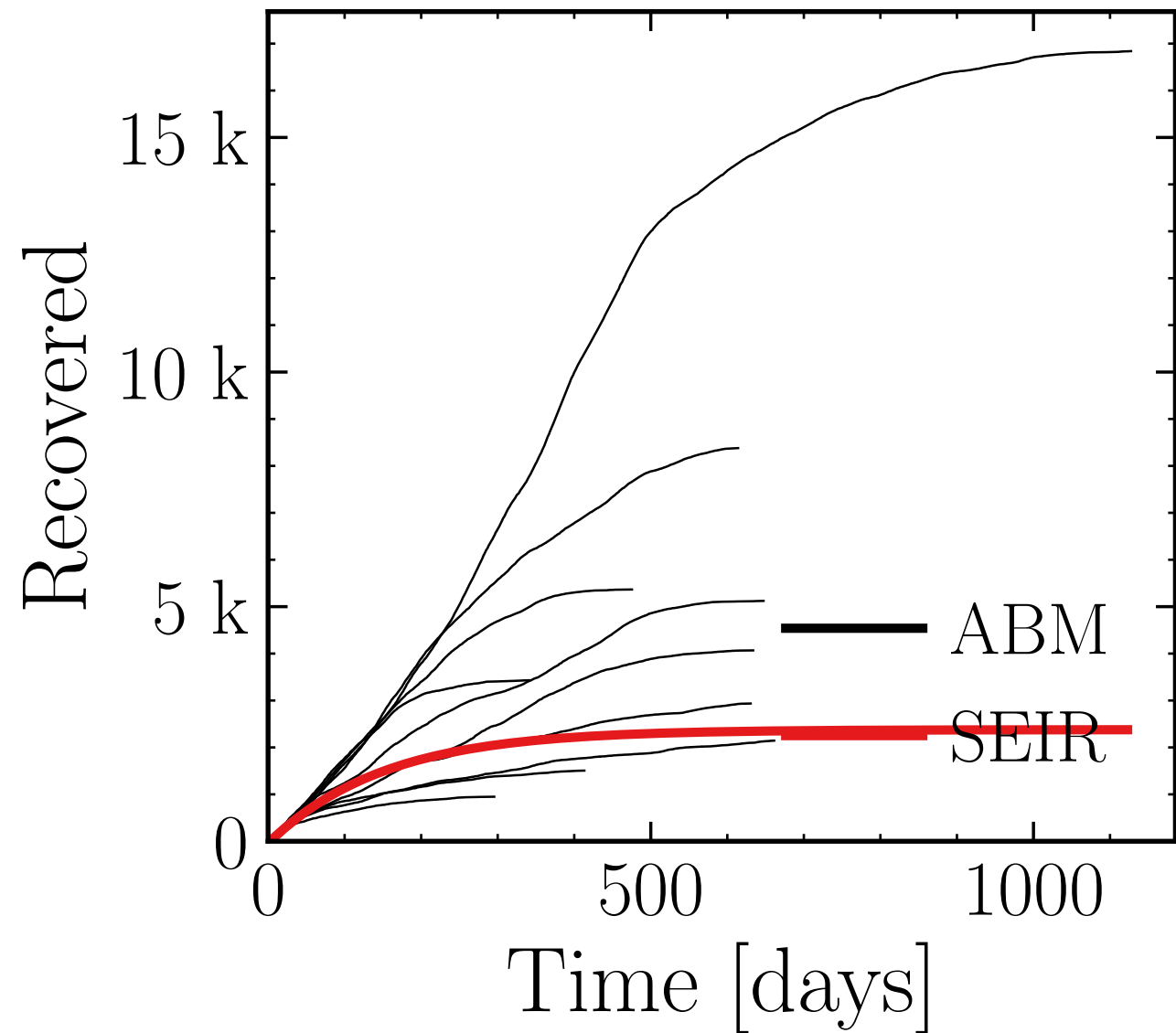
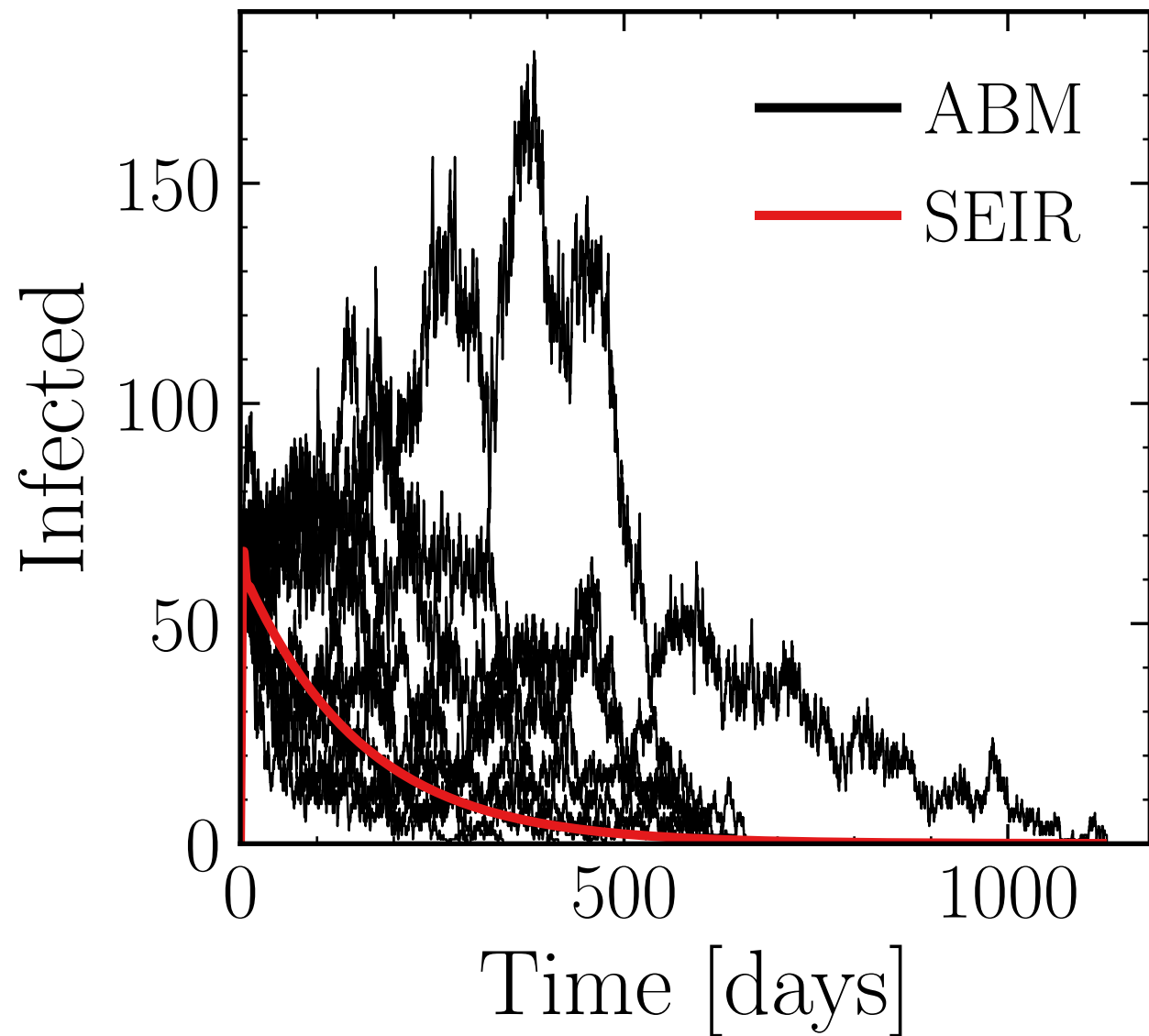
$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 5K$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

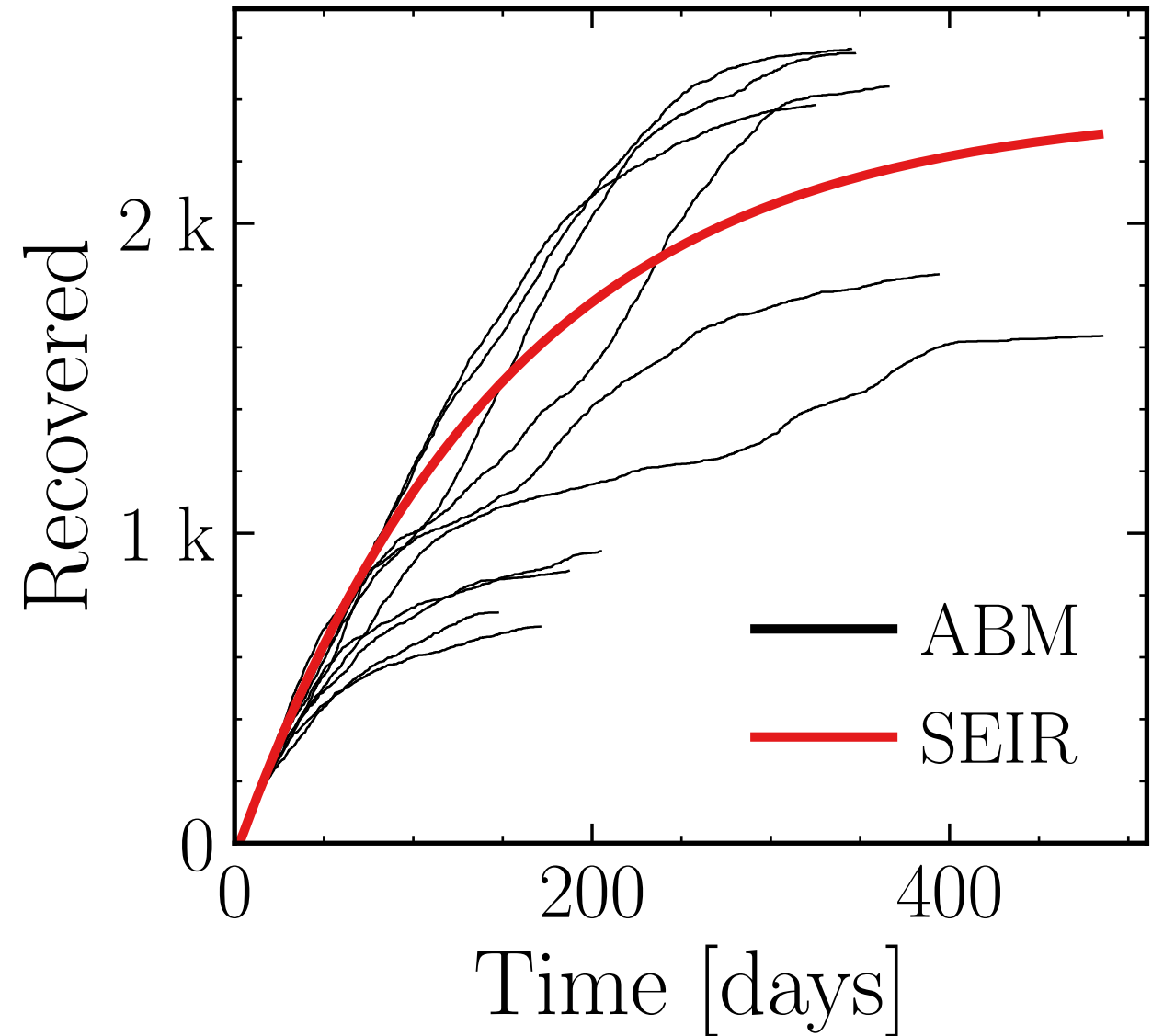
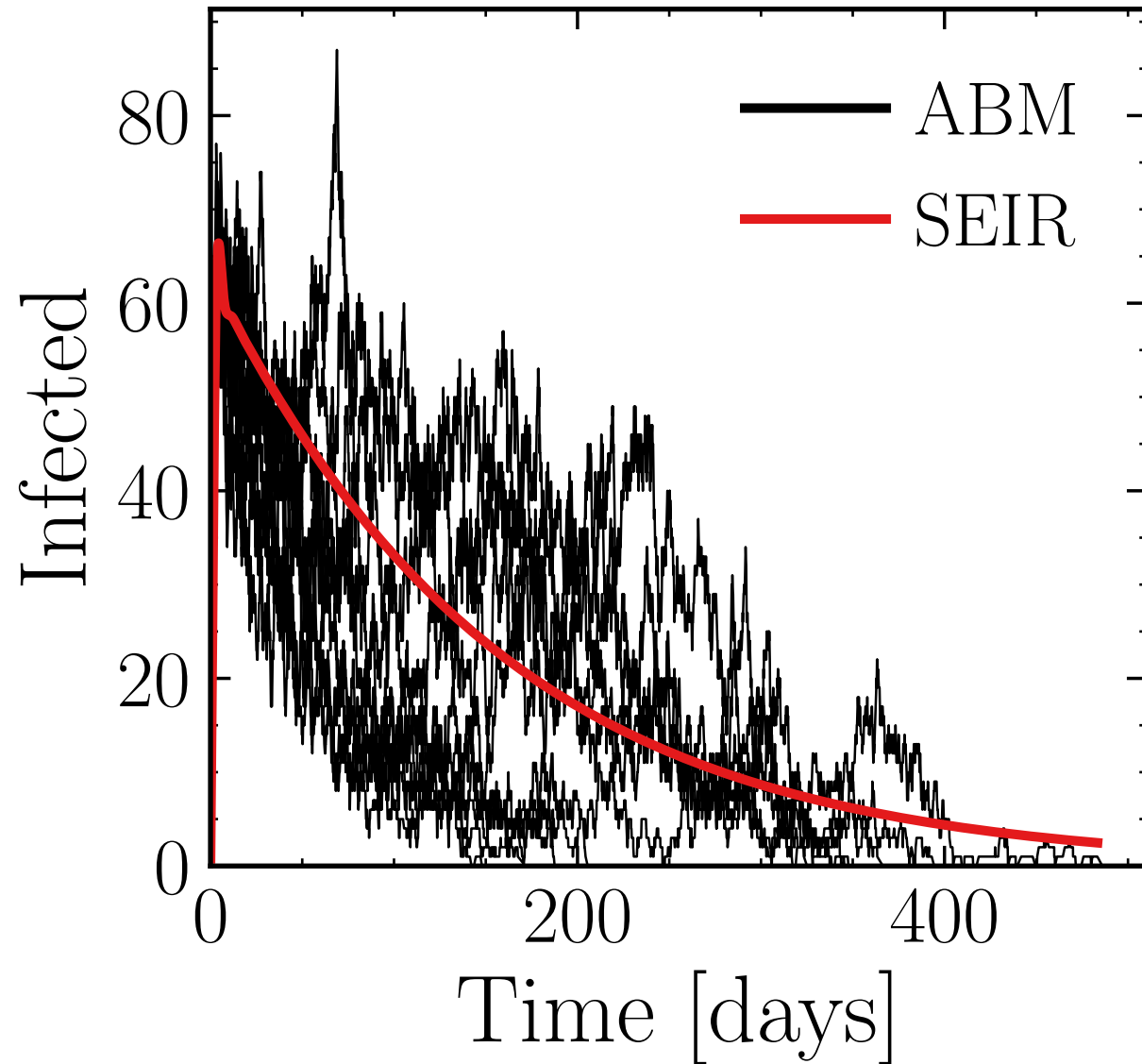
$I_{\text{max}}^{\text{ABM}} = (96 \pm 1e + 01\%)$. v. = 1.0, hash = a7041e53a6, #10

$R_\infty^{\text{ABM}} = (5 \pm 2.8e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_{\rho} = 0.04$, $\mu = 20.0$, $\sigma_{\mu} = 0.0$, $\beta = 0.012$, $\sigma_{\beta} = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 5K$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (73 \pm 2.3\%)$, v. = 1.0, hash = 28f917cc3d, #10

$R_{\infty}^{\text{ABM}} = (1.7 \pm 1.4e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

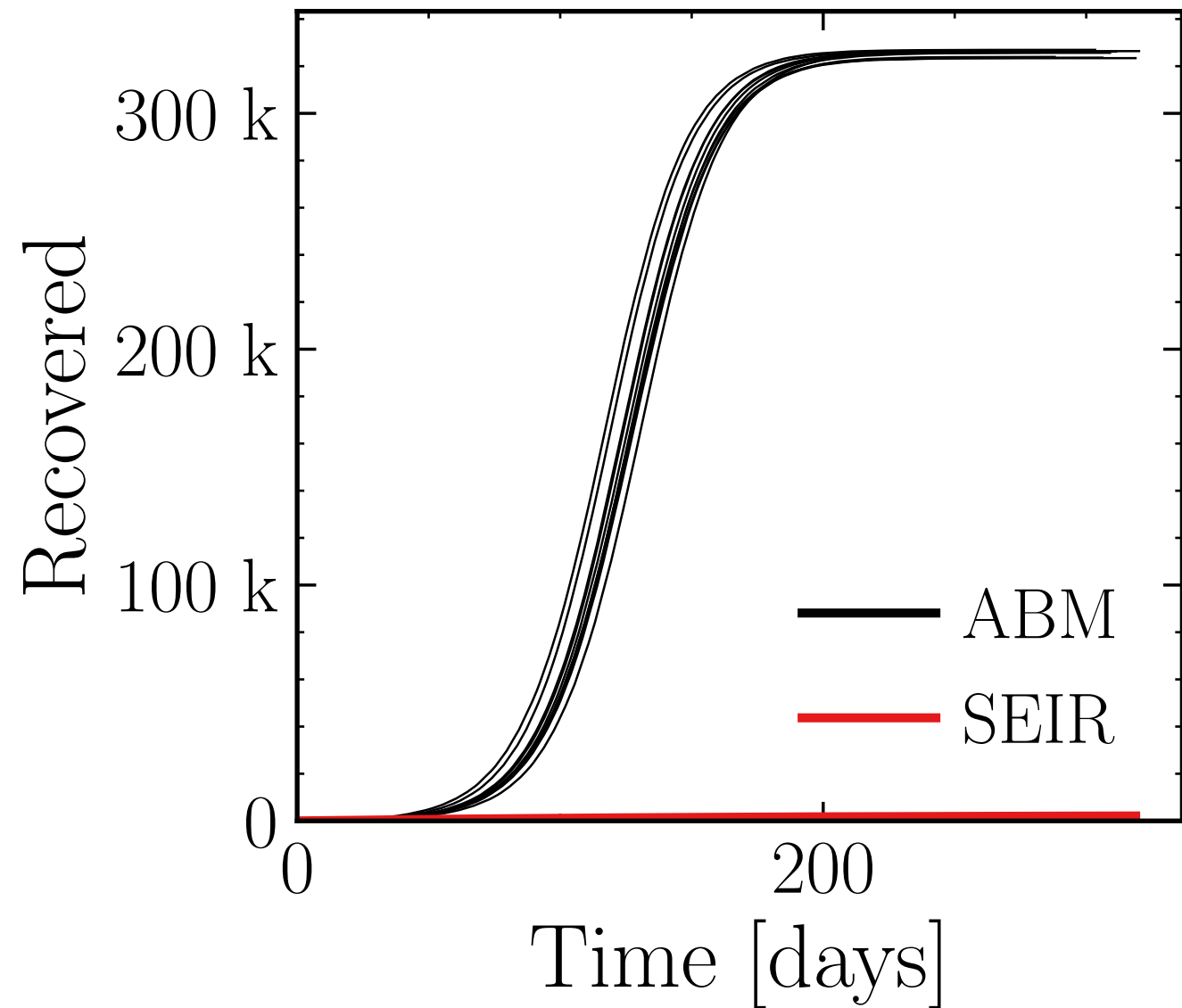
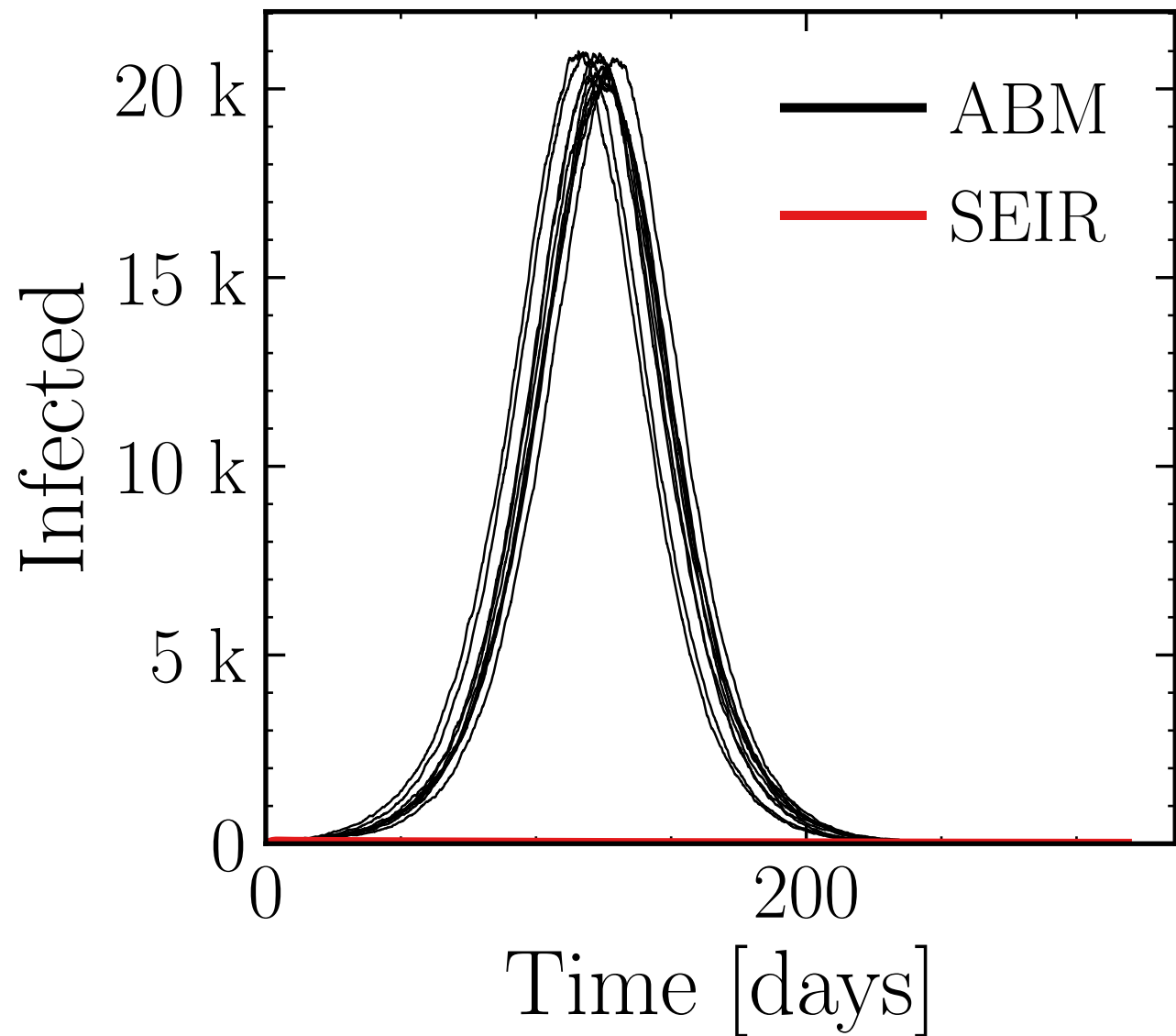
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (20.63 \pm 0.46\%) \cdot 10^3$

v. = 1.0, hash = 42cf0cb221, #10

$R_\infty^{\text{ABM}} = (325.4 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

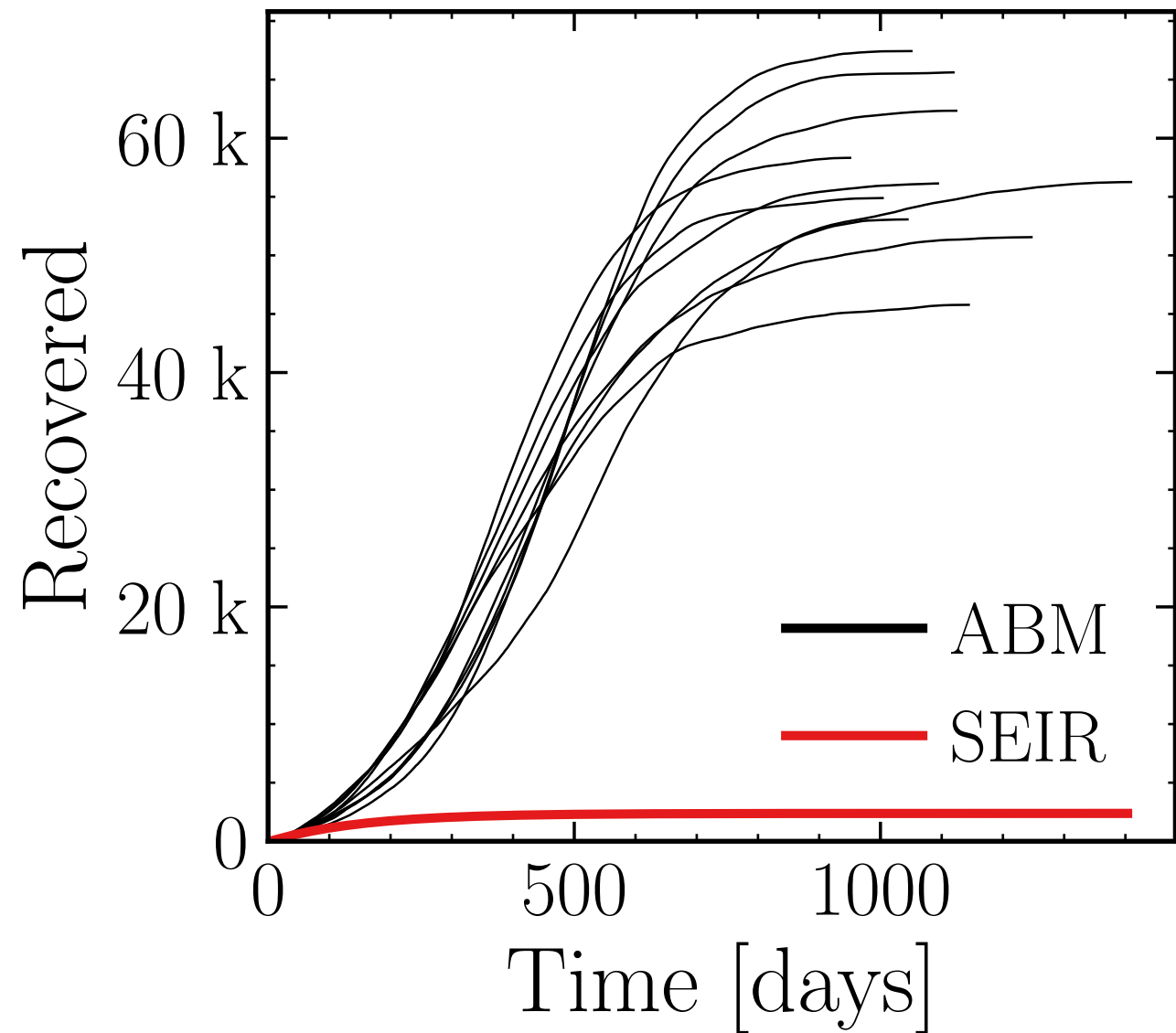
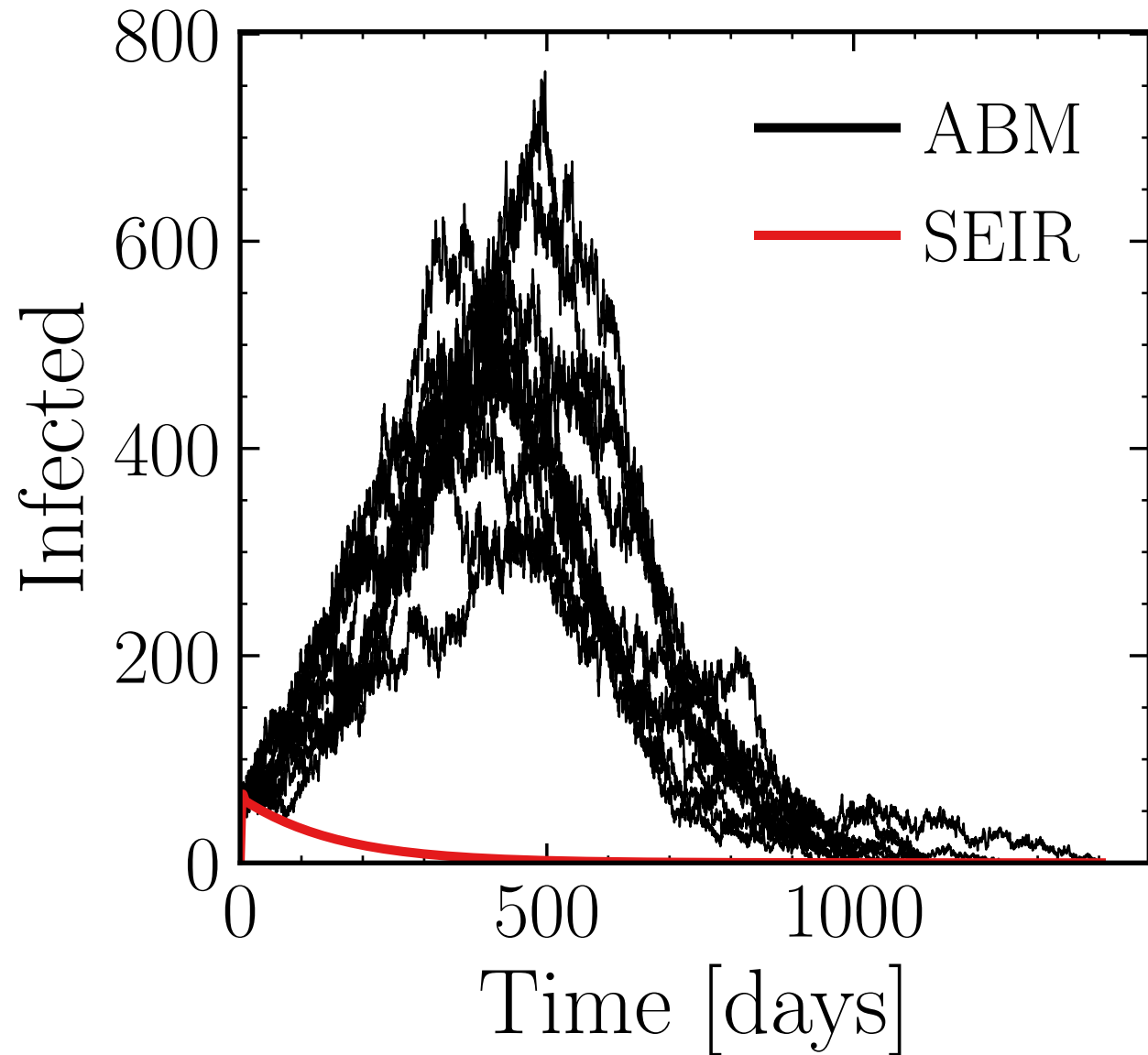
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (560 \pm 5.8\%) \cdot$

v. = 1.0, hash = 5ce71b83e9, #10

$R_\infty^{\text{ABM}} = (57 \pm 3.5\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 10K$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (77 \pm 3.2\%)$, v. = 1.0, hash = 6ed375b11d, #10

$$R_{\infty}^{\text{ABM}} = (2.7 \pm 6.7\%) \cdot 10^3$$

