

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

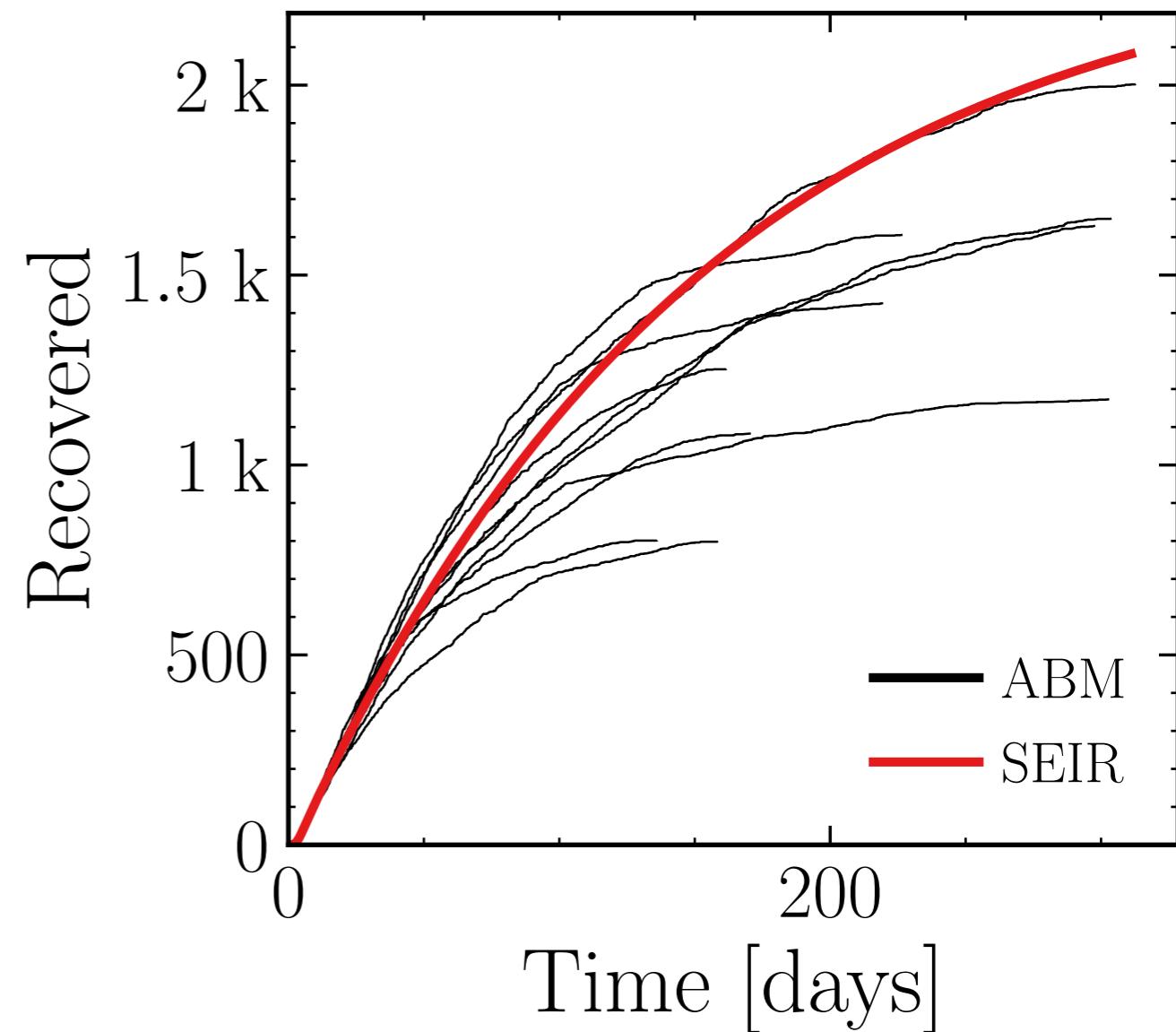
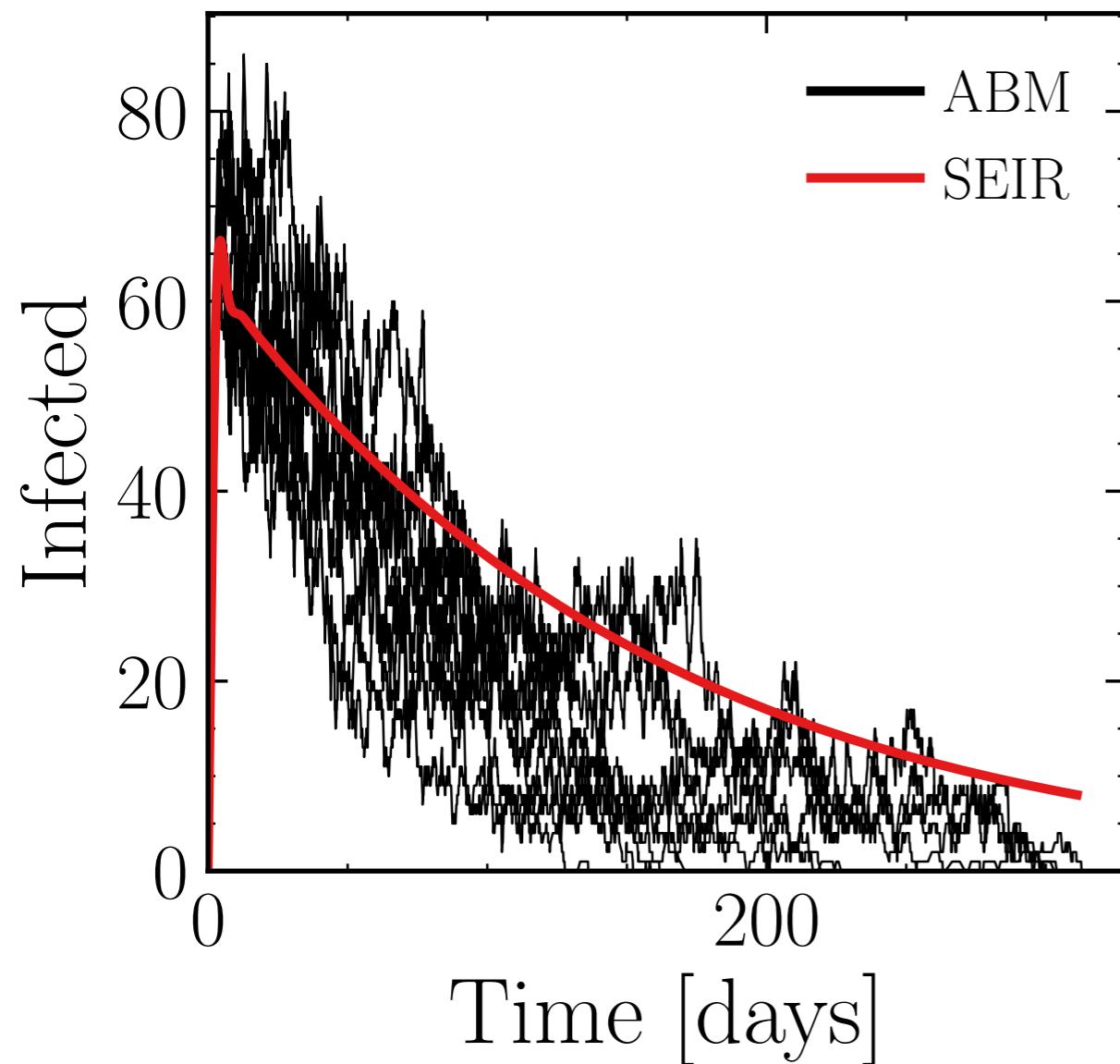
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

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

v. = 1.0, hash = 637116fb6d, #10

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



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

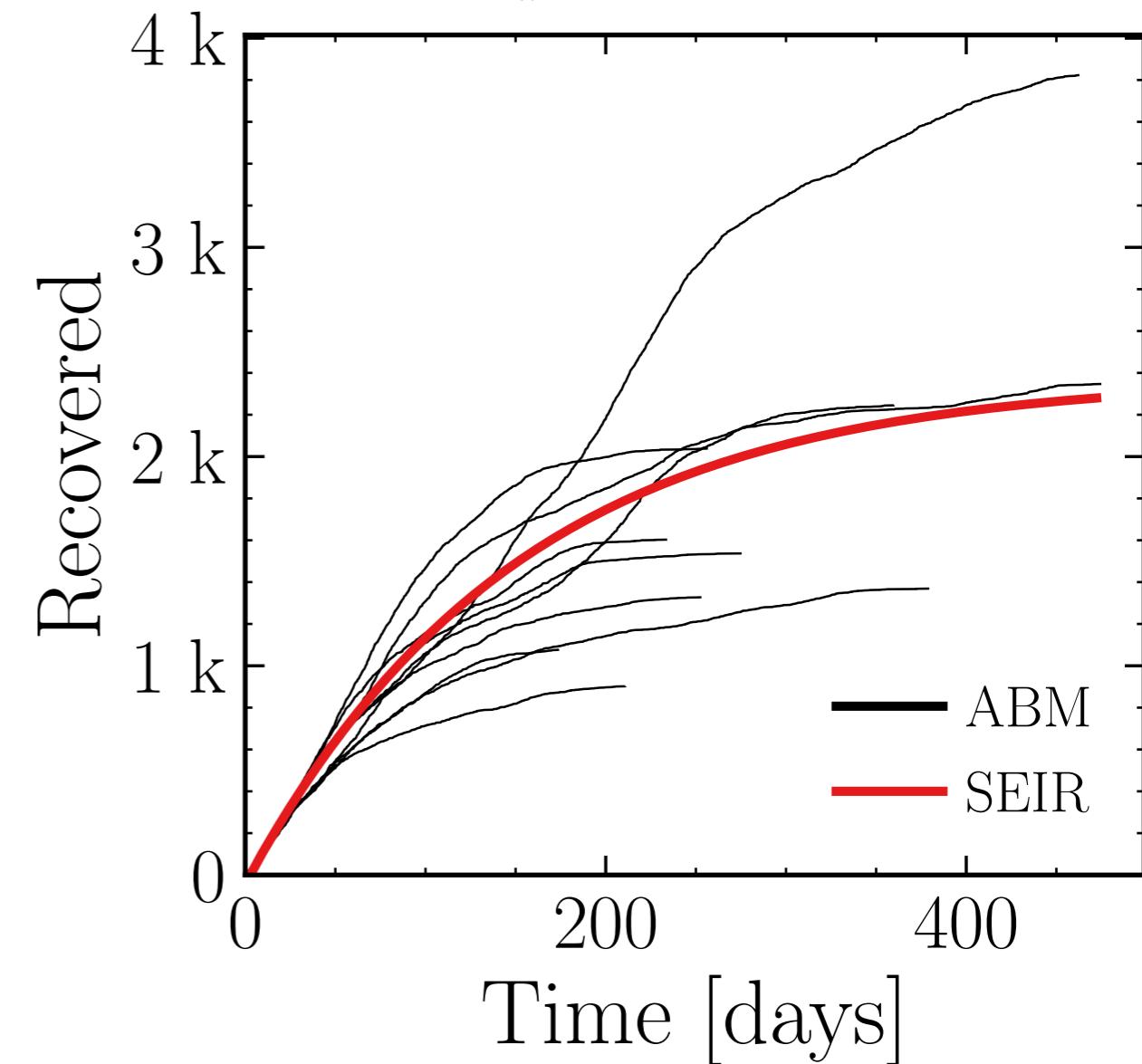
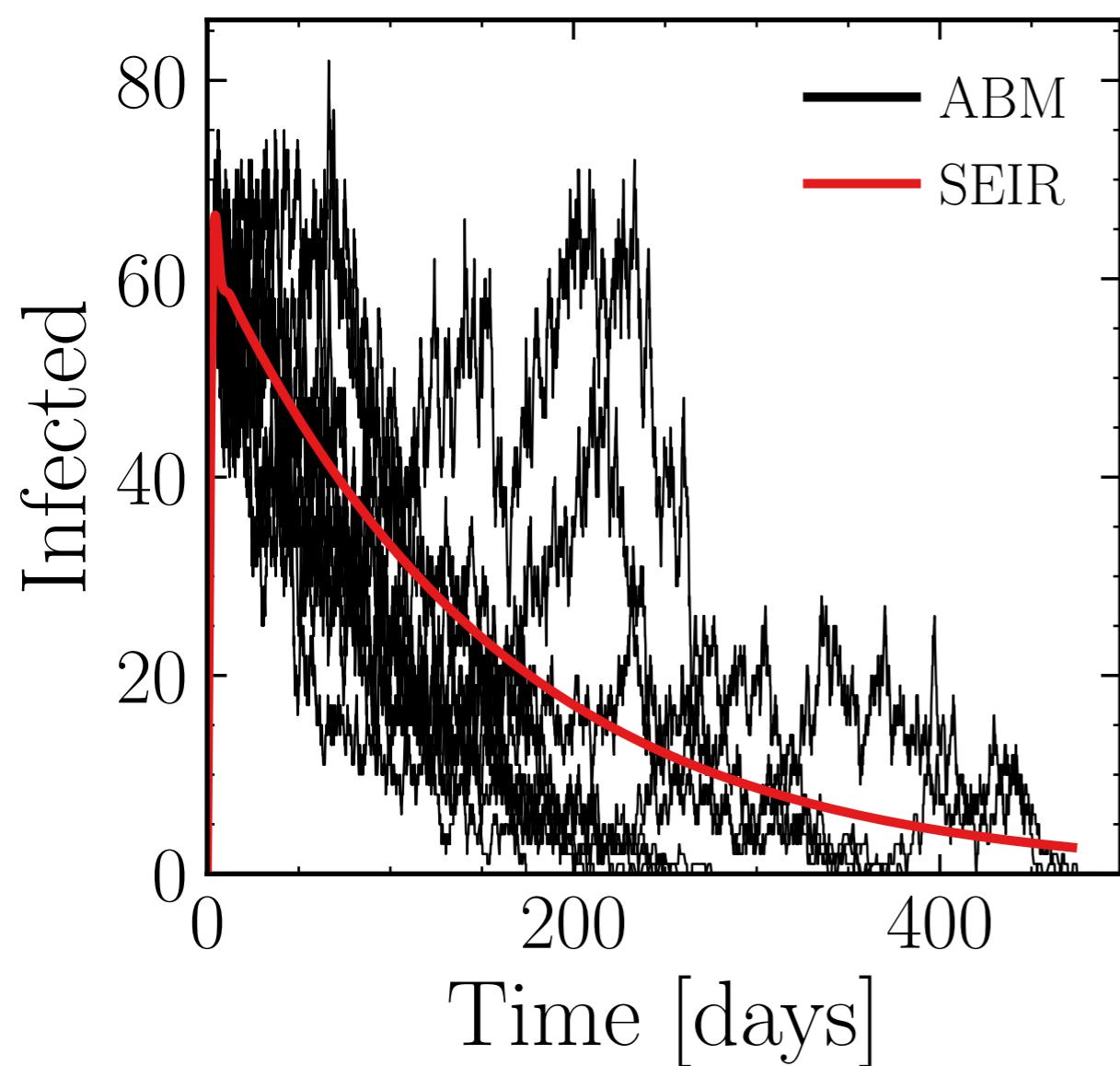
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

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

v. = 1.0, 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, $N_{\text{init}} = 100$

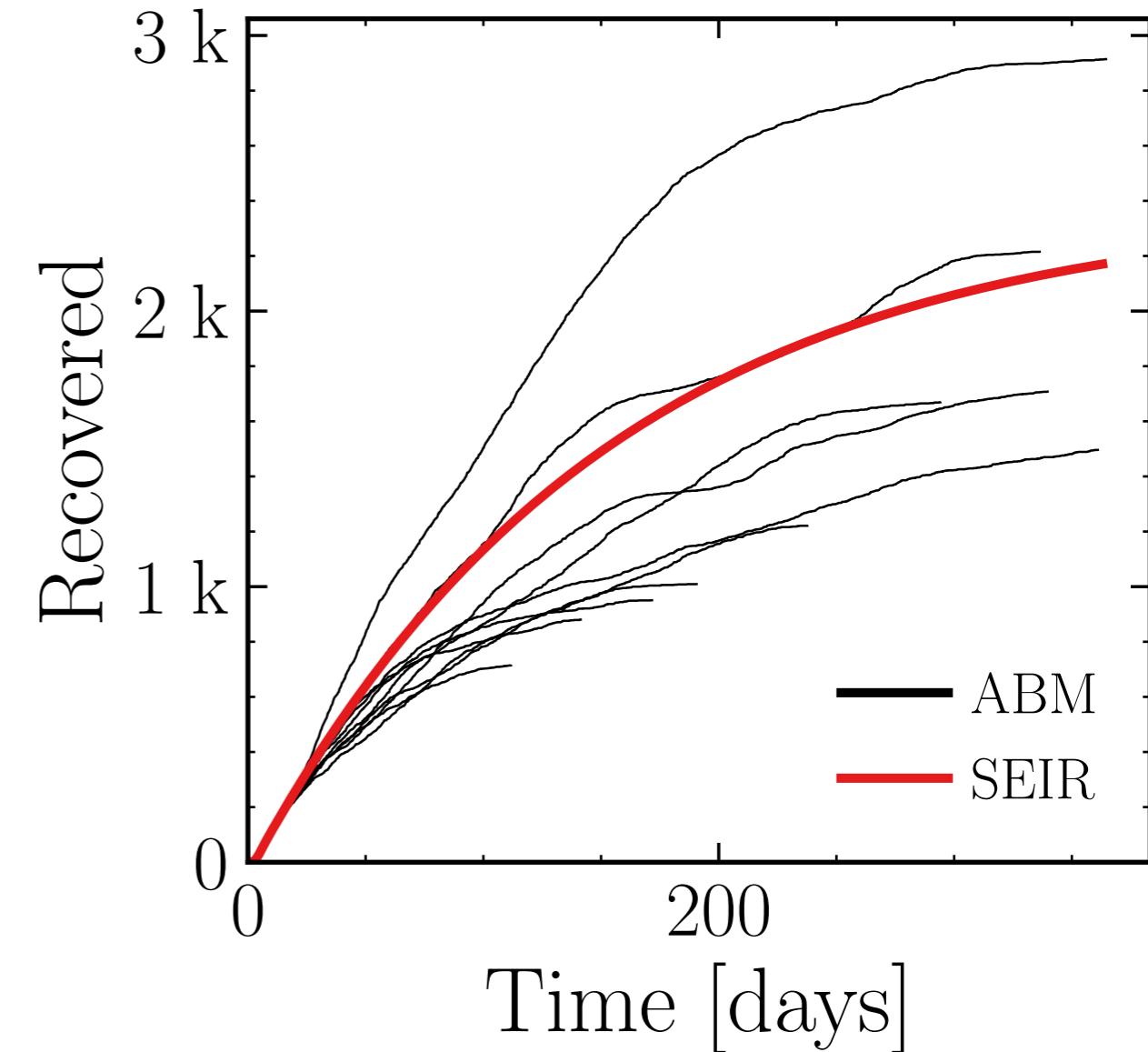
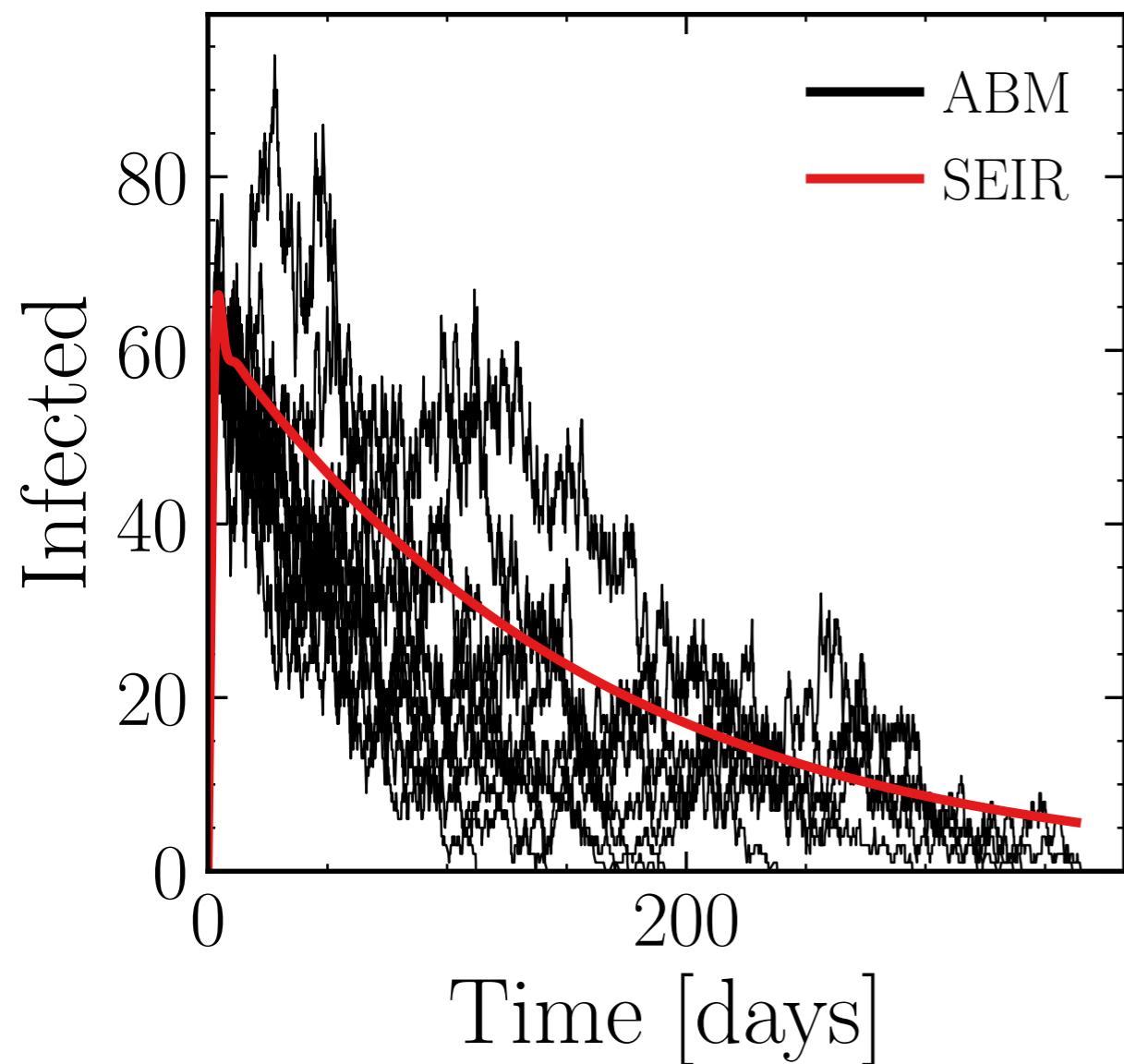
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

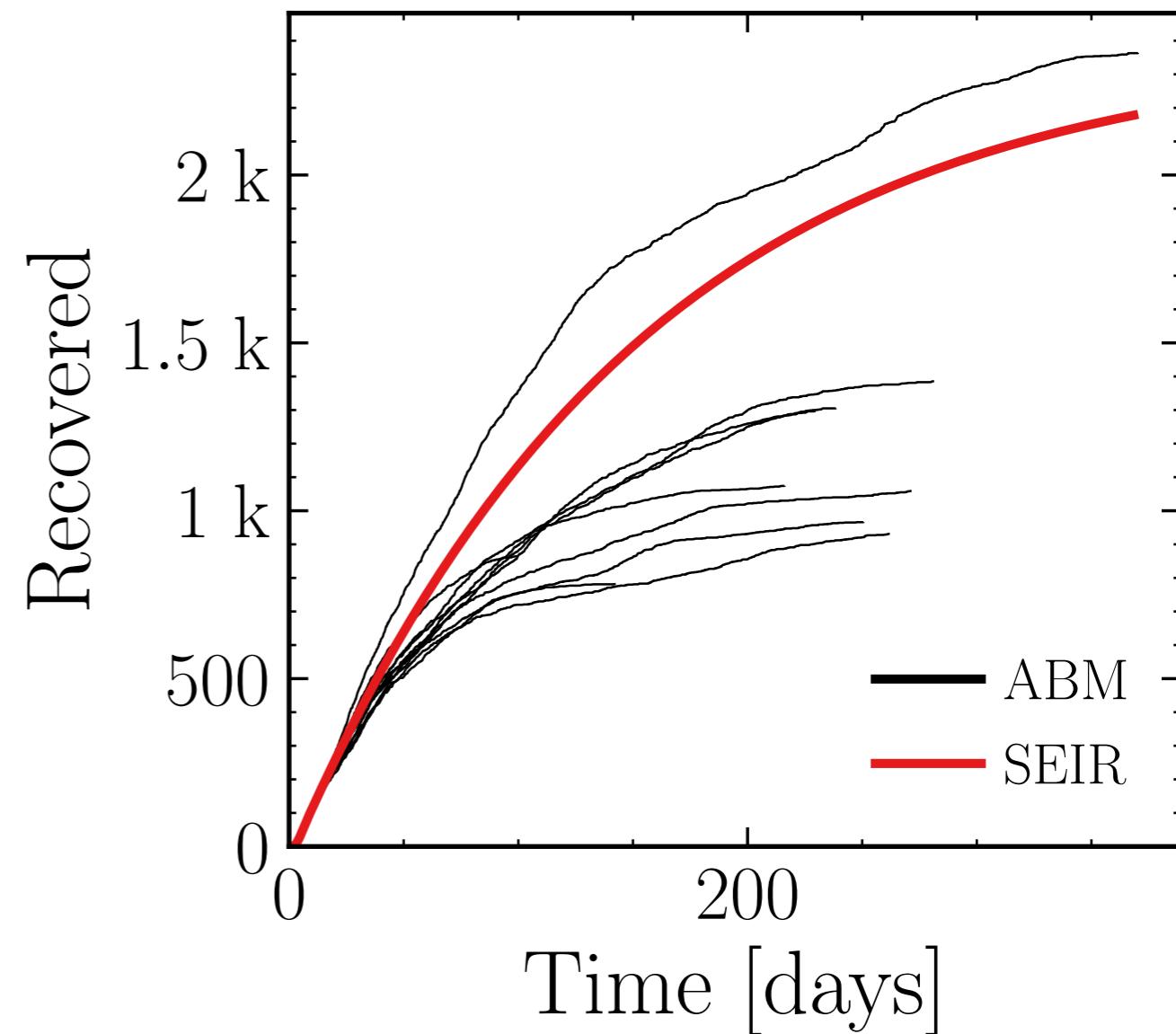
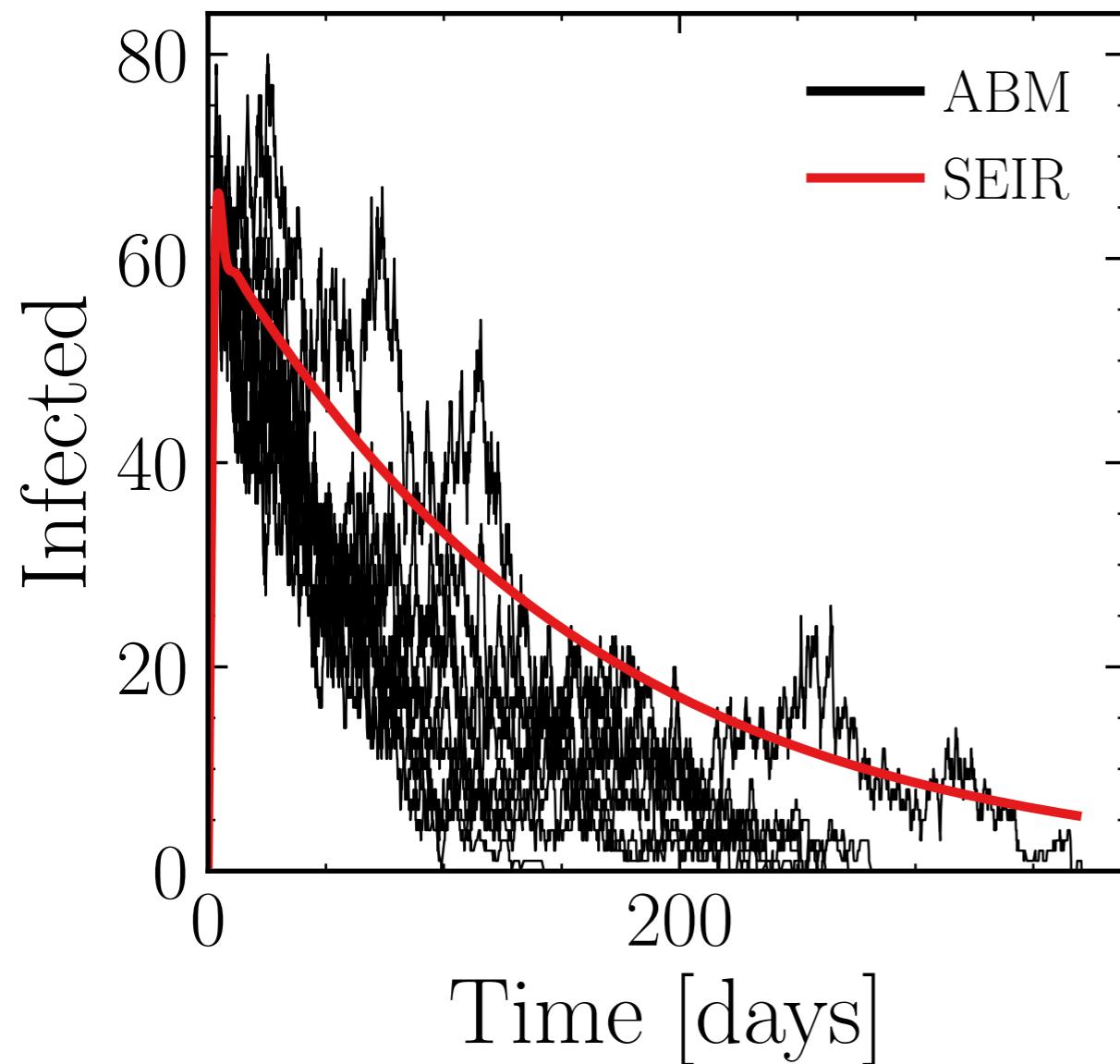
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

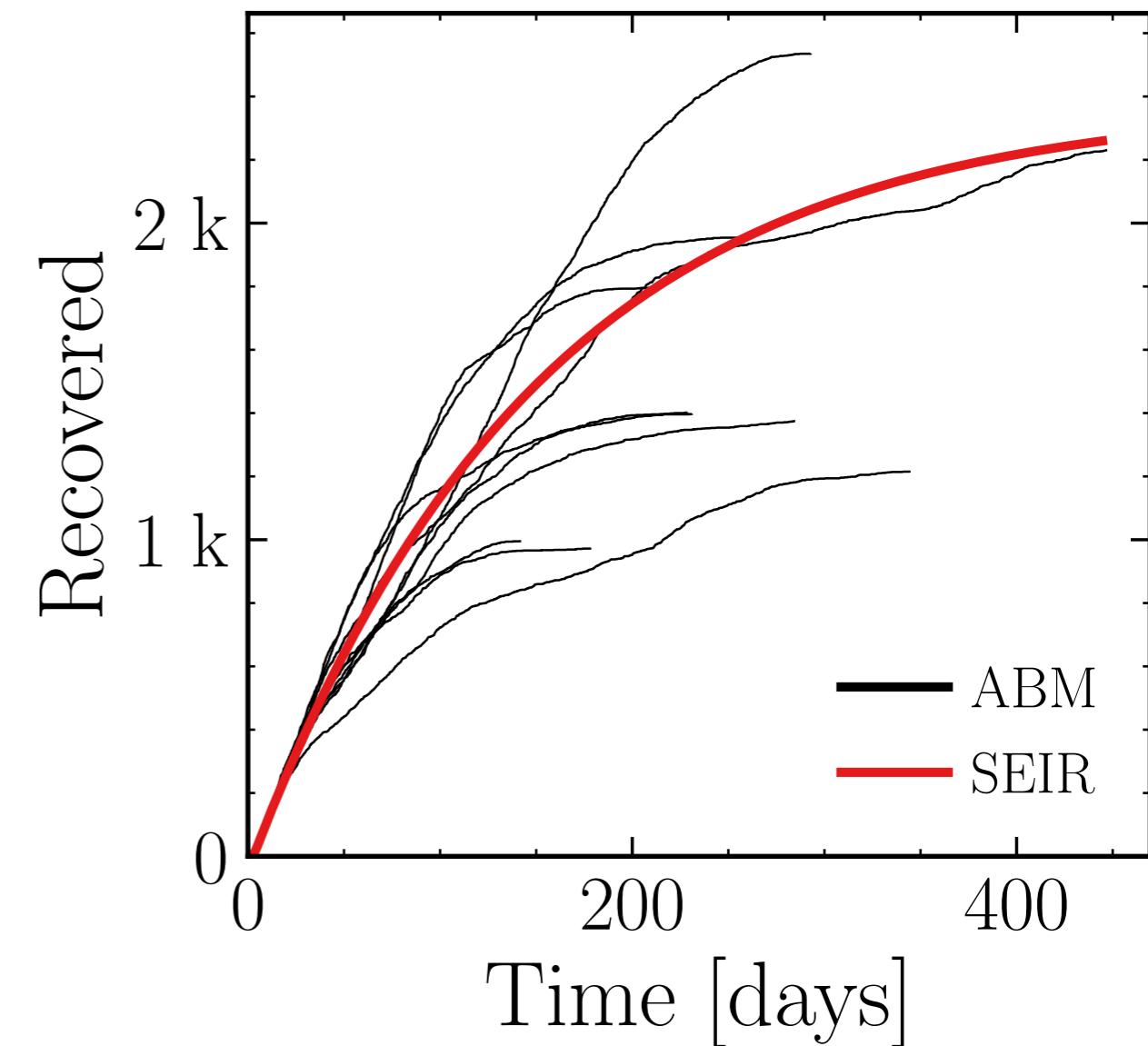
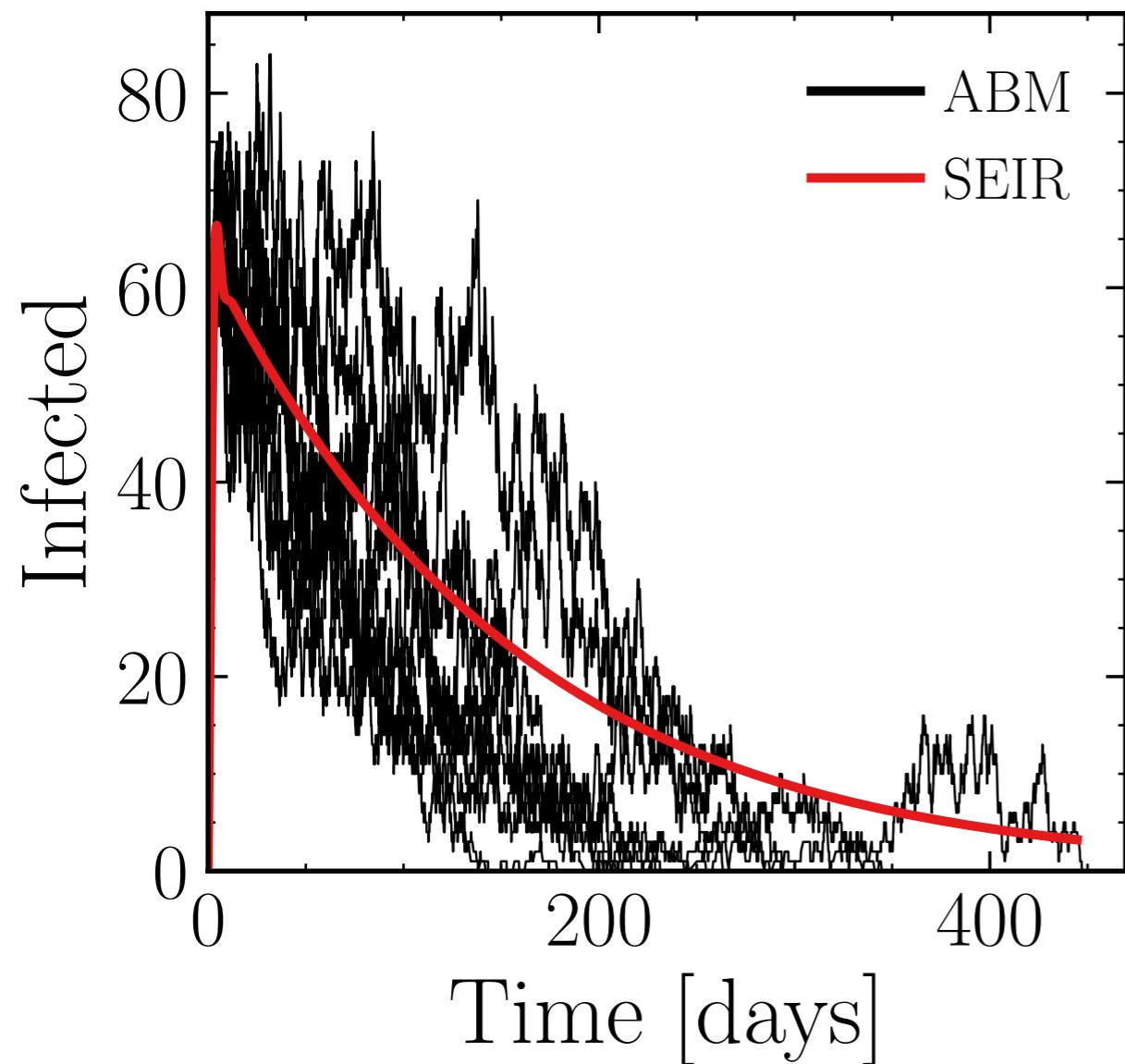
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 500$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

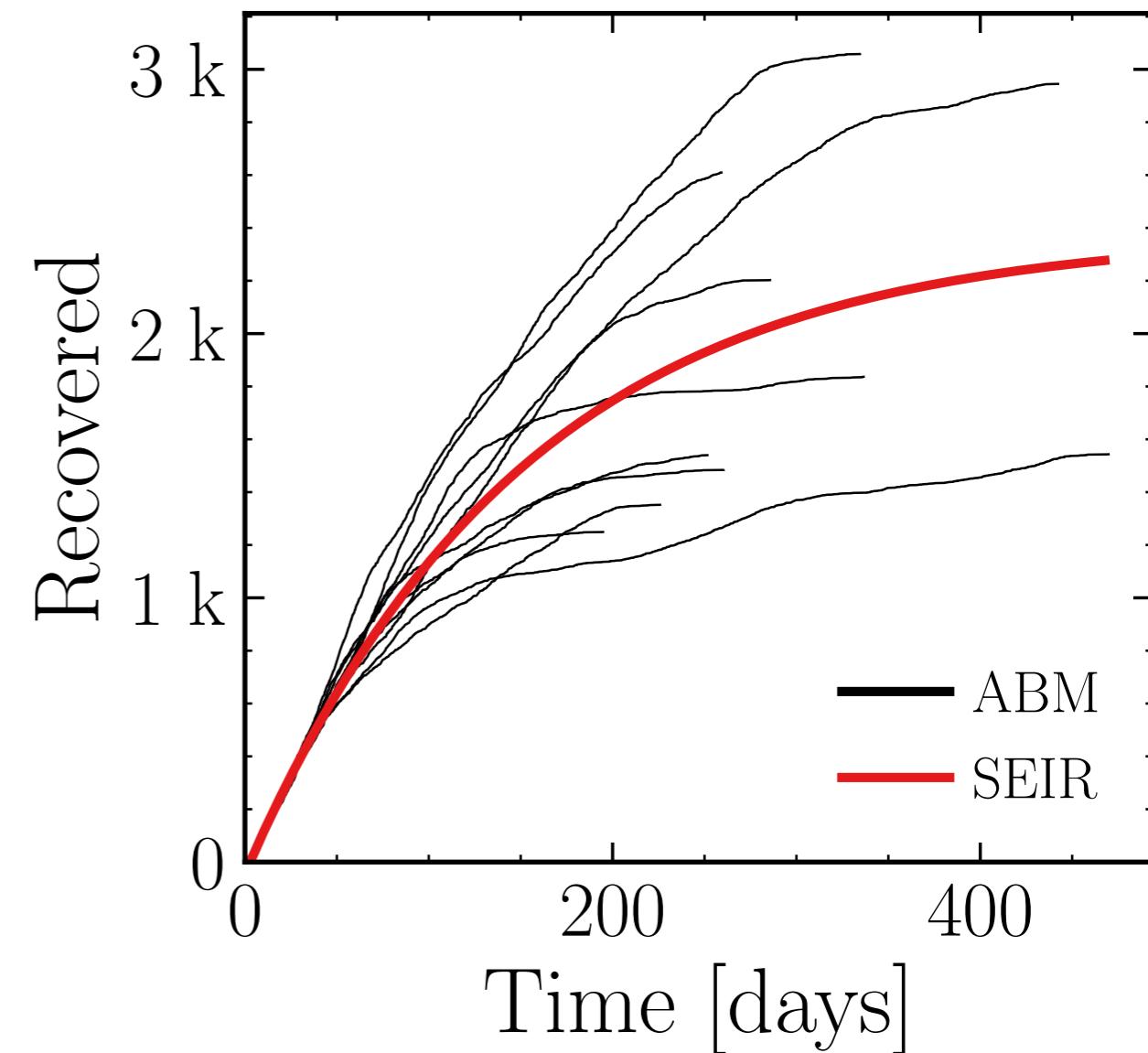
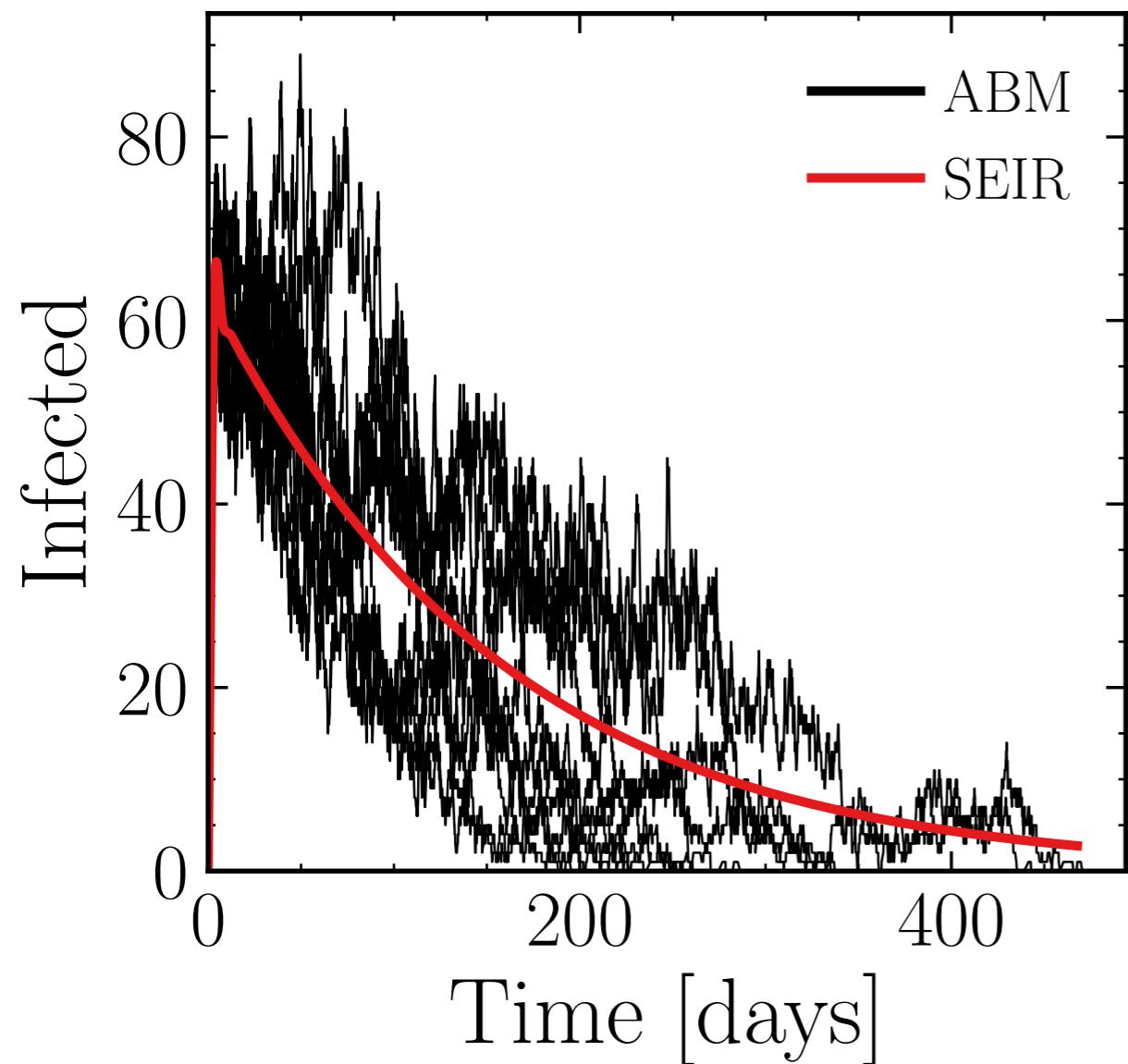
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 500$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

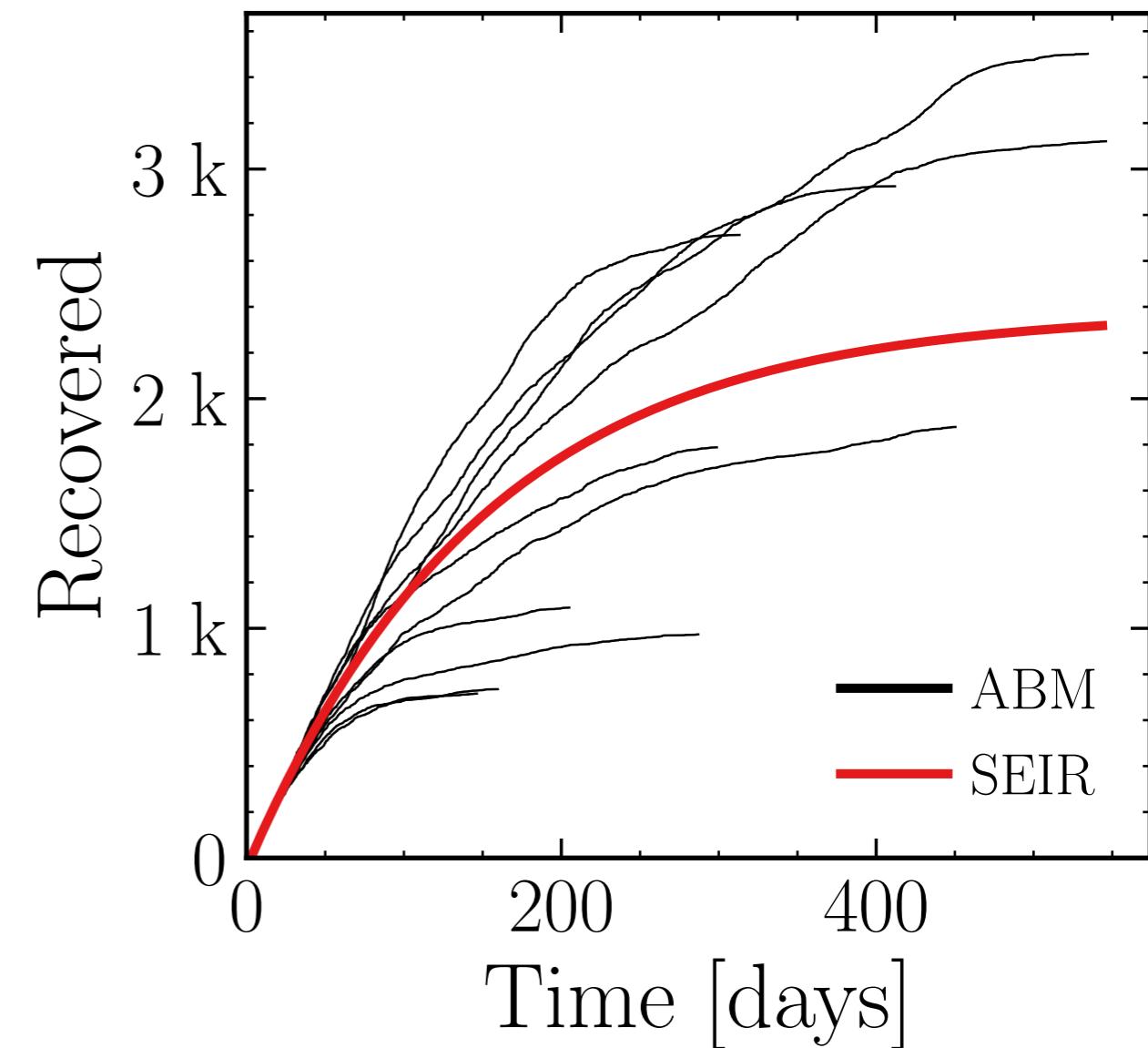
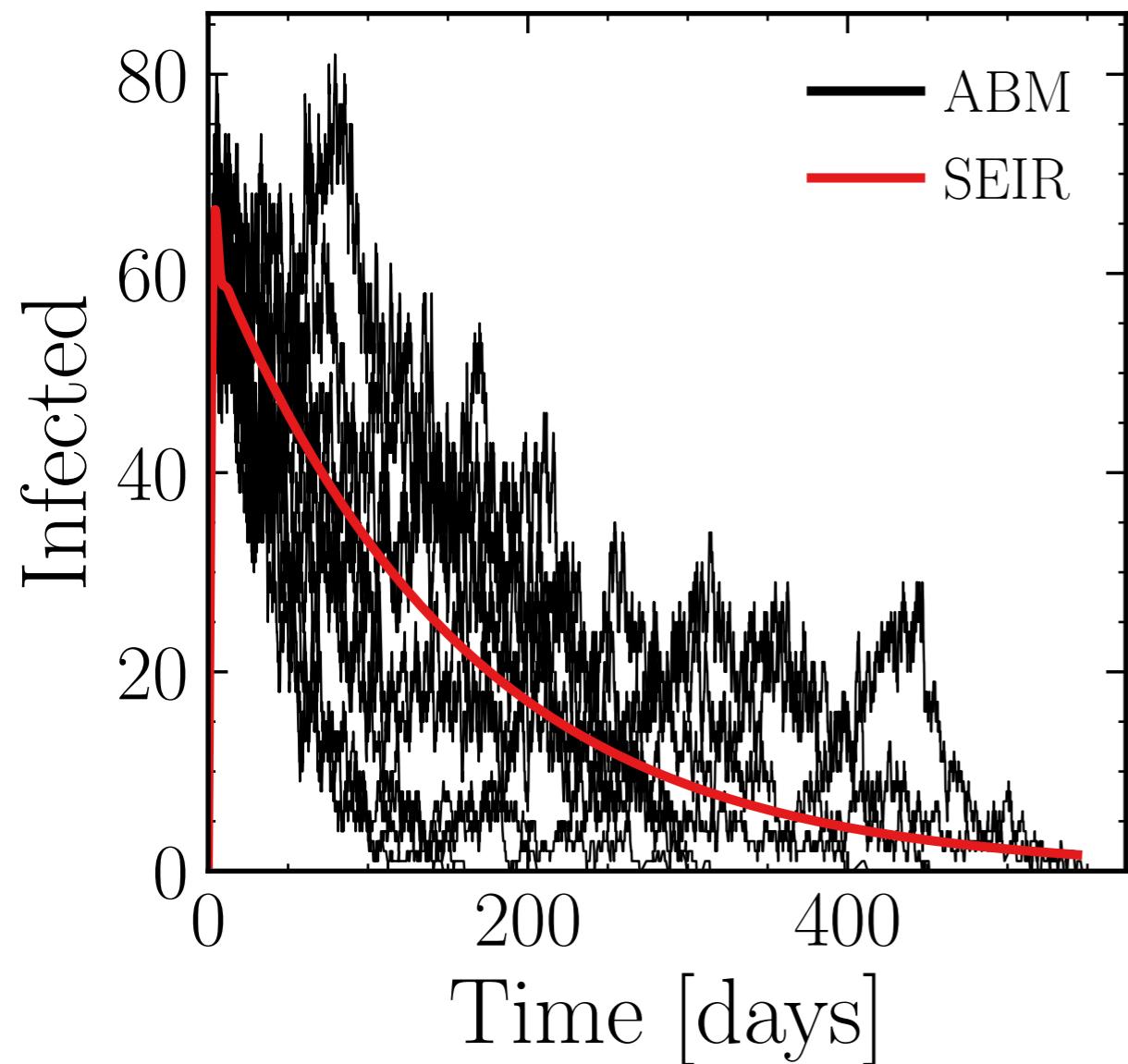
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 500$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

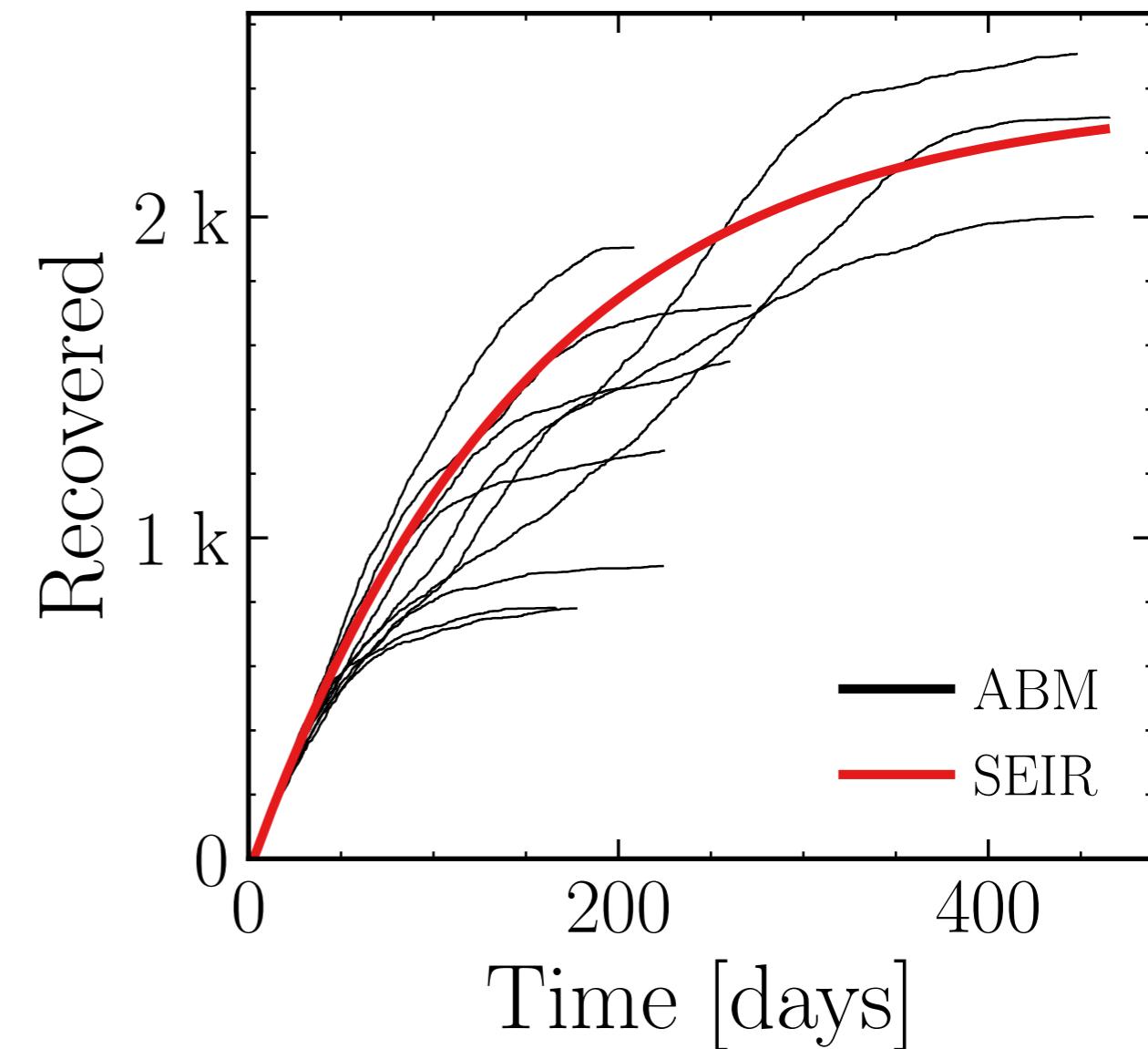
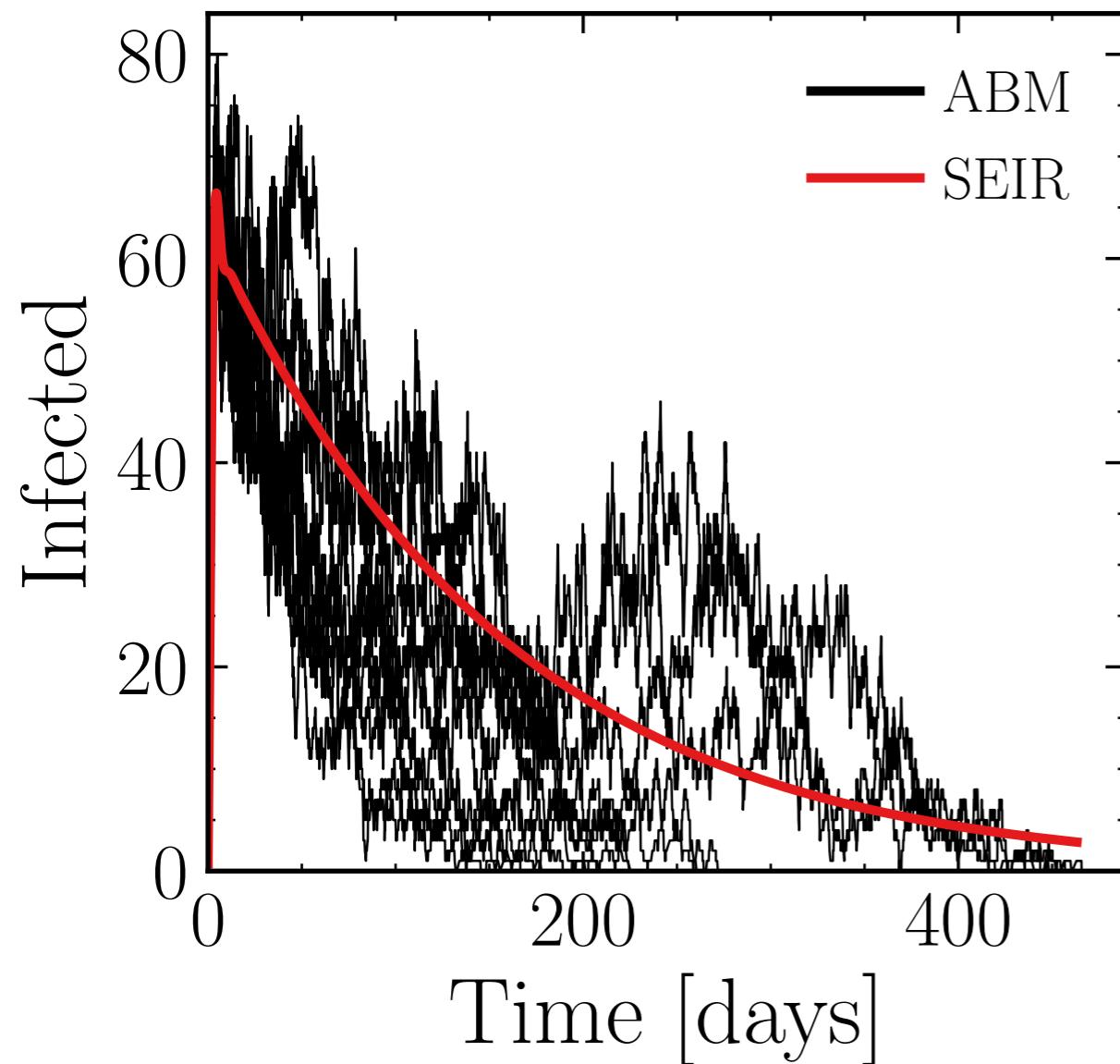
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

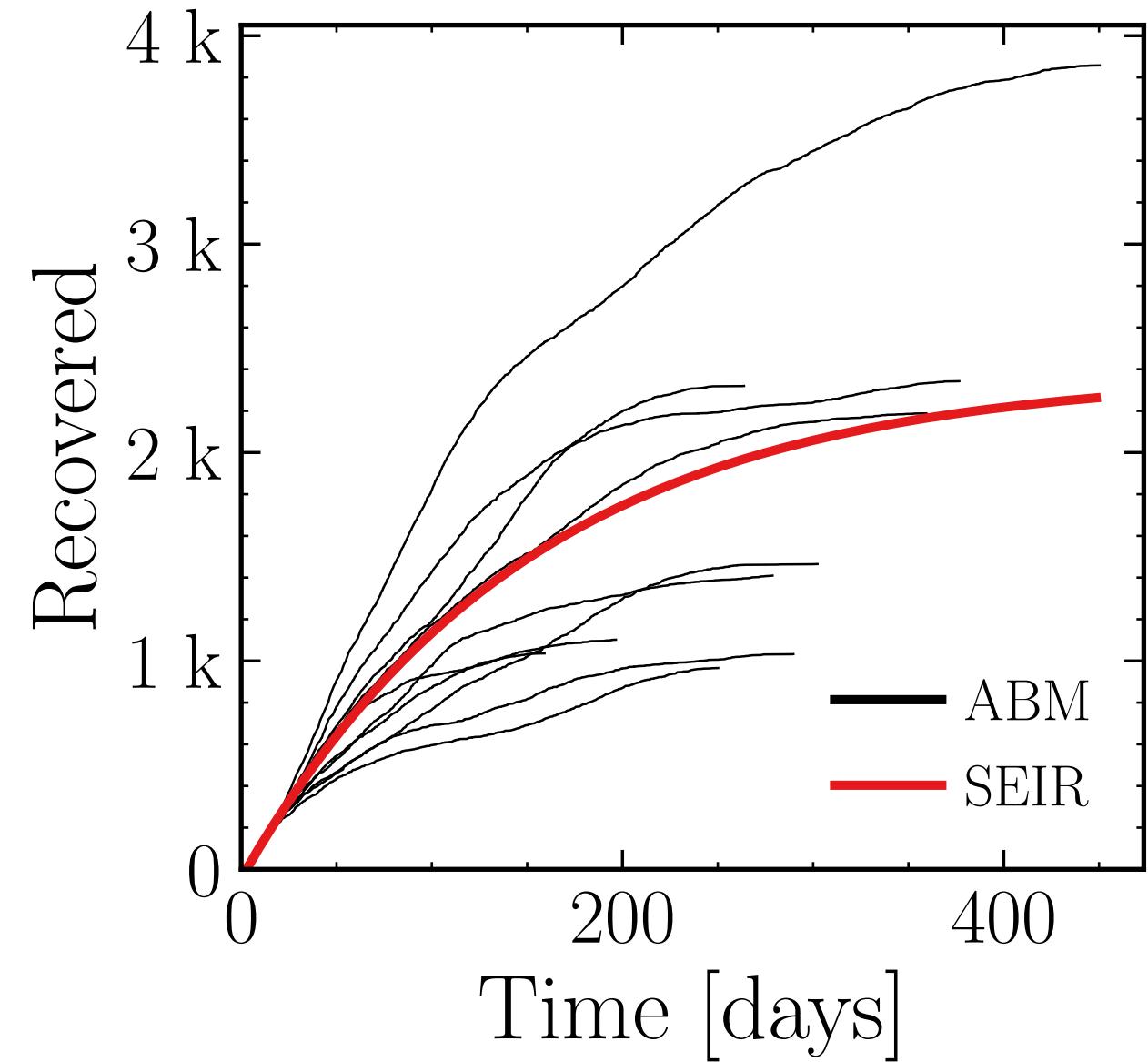
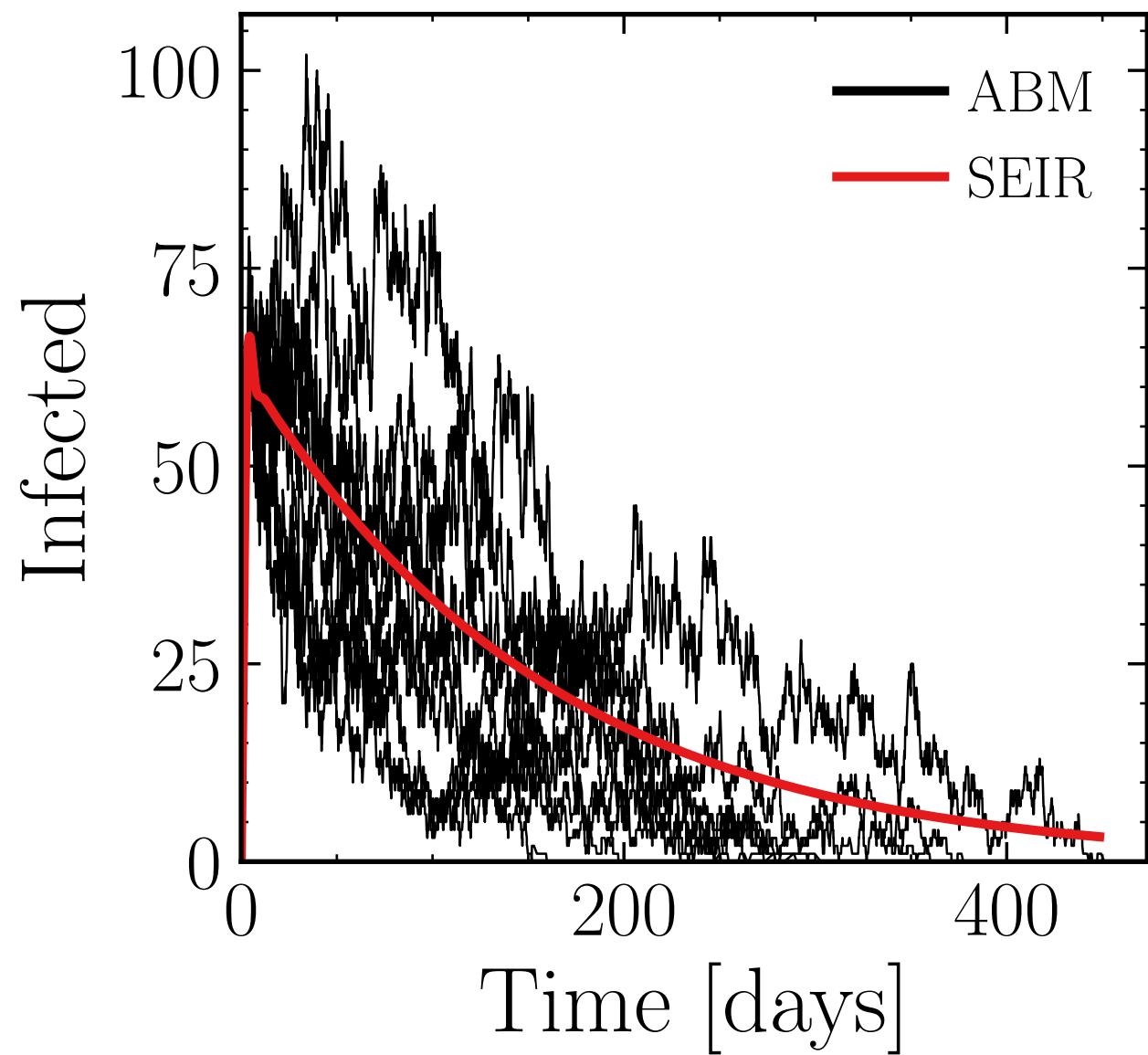
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

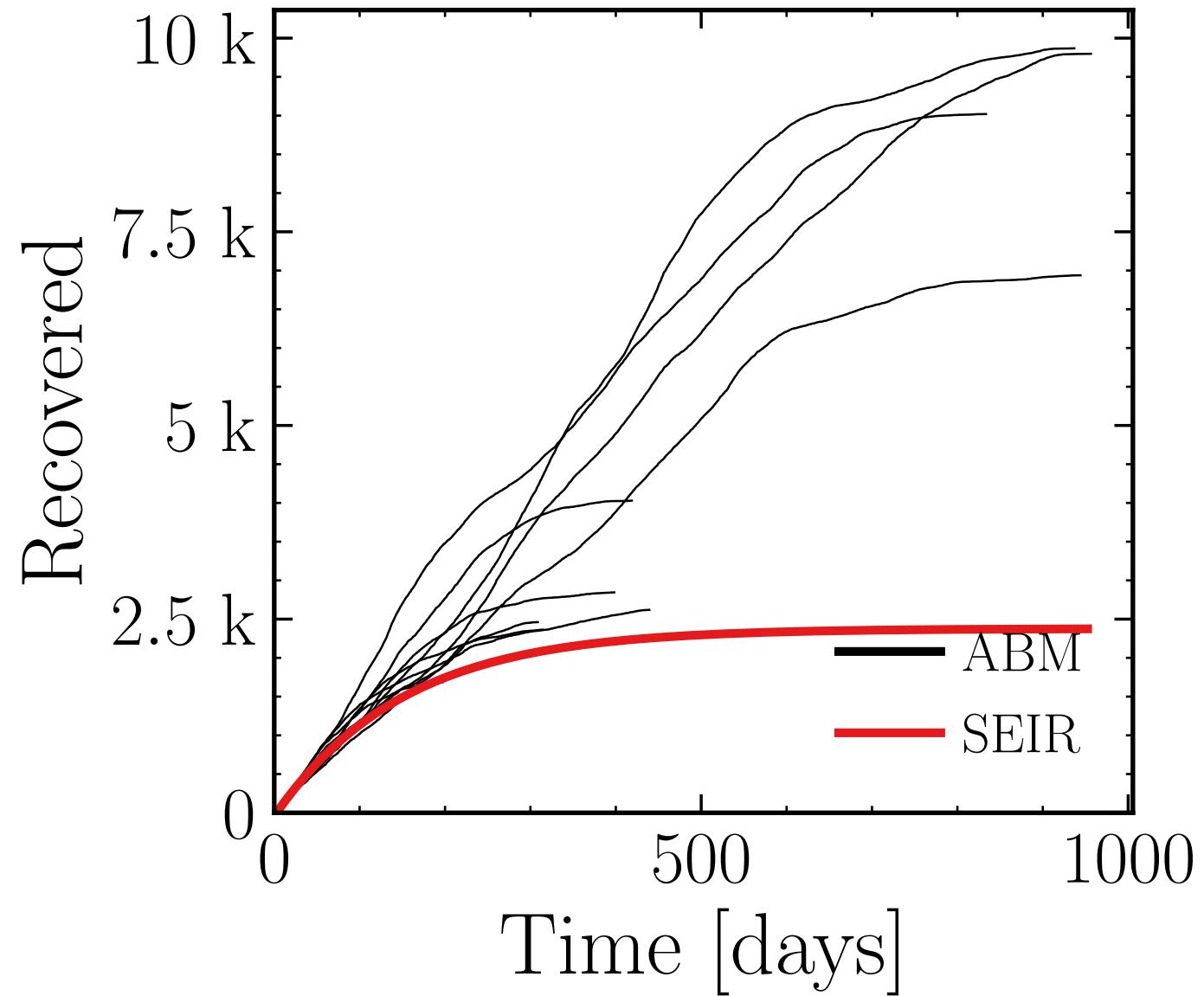
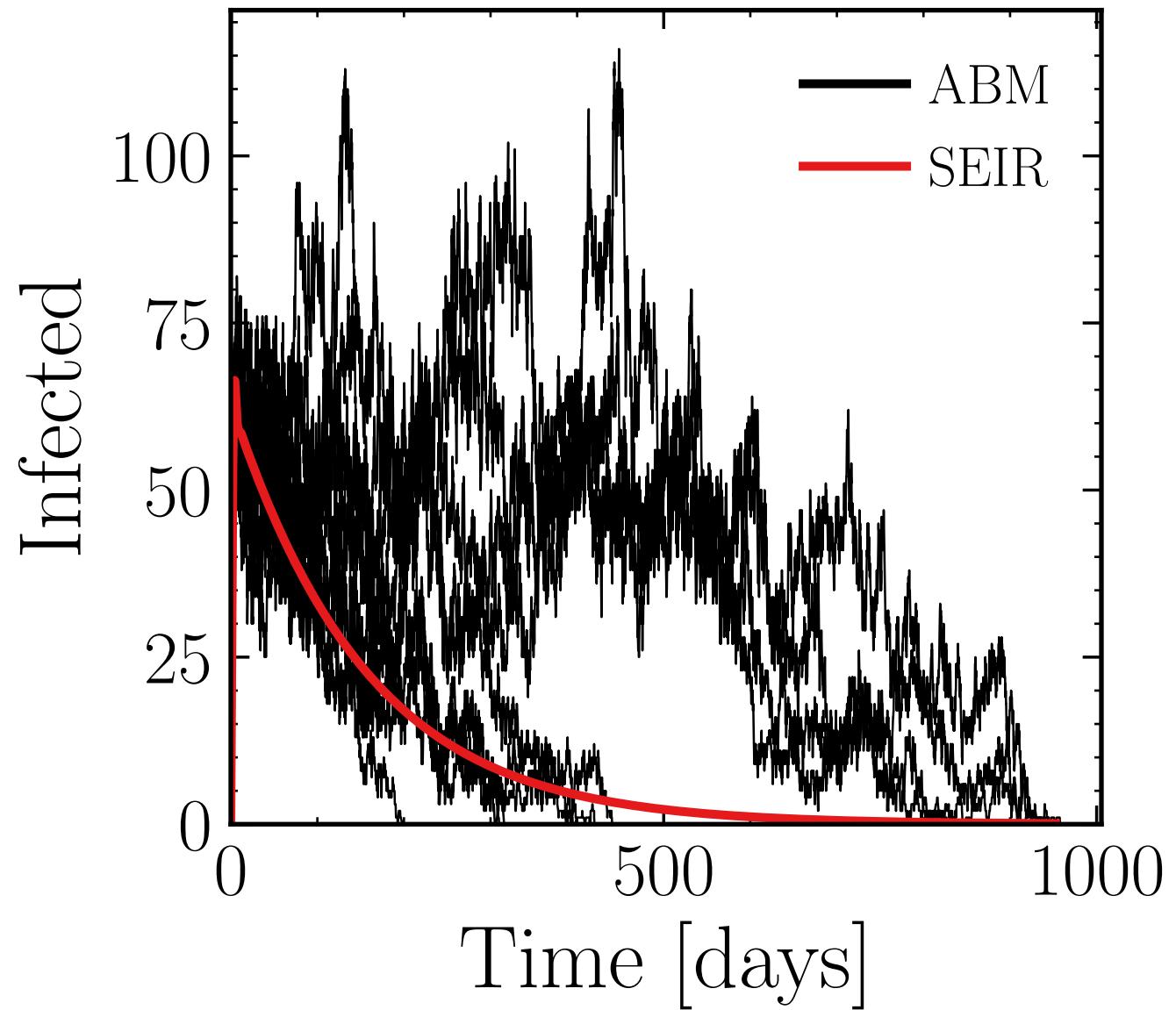
$I_{\text{max}}^{\text{ABM}} = (74 \pm 4.9\%)$.

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, $N_{\text{connect}}^{\text{retries}} = 0$
 $N_{\text{events}} = 1K$, 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, $N_{\text{init}} = 100$

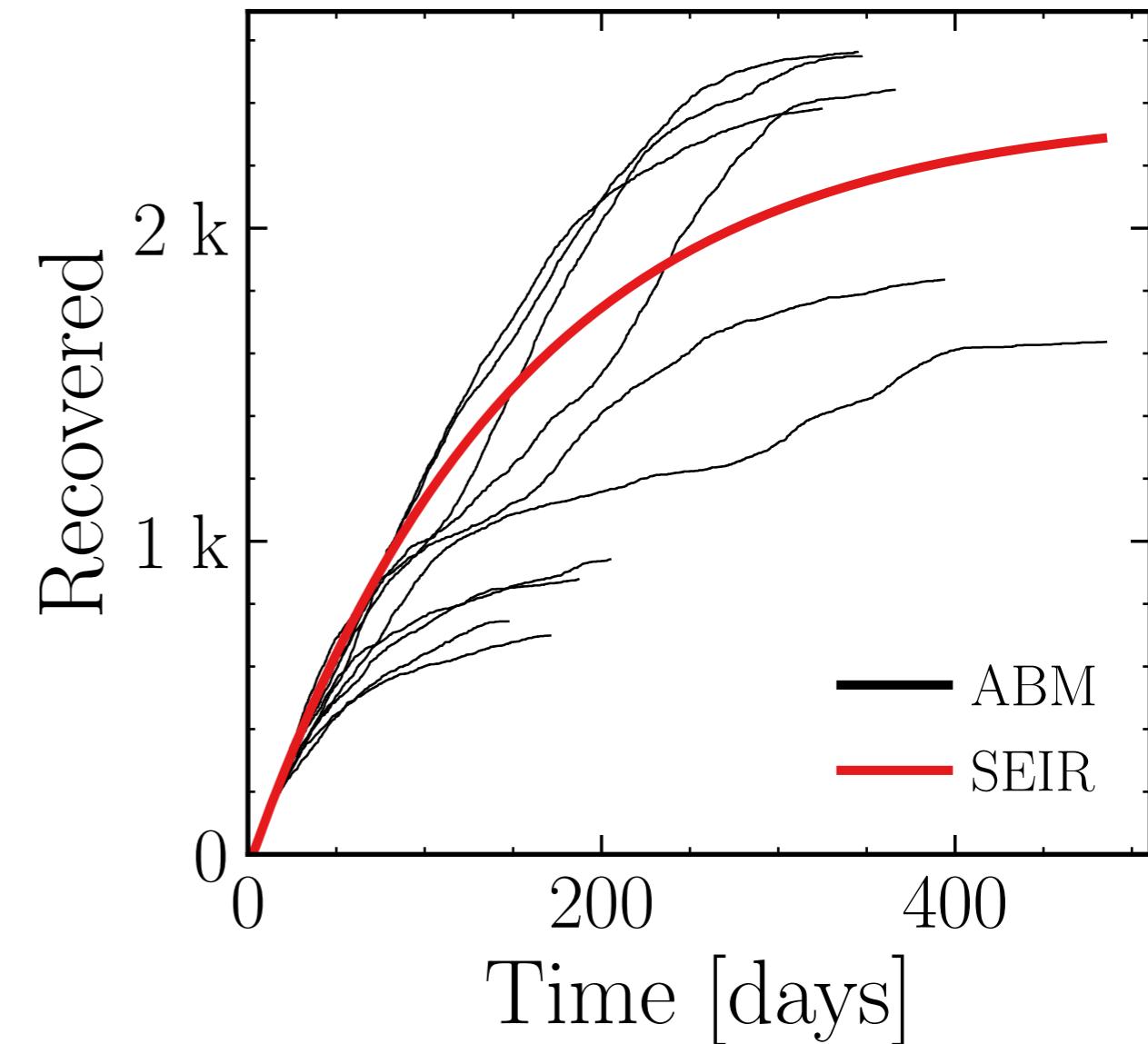
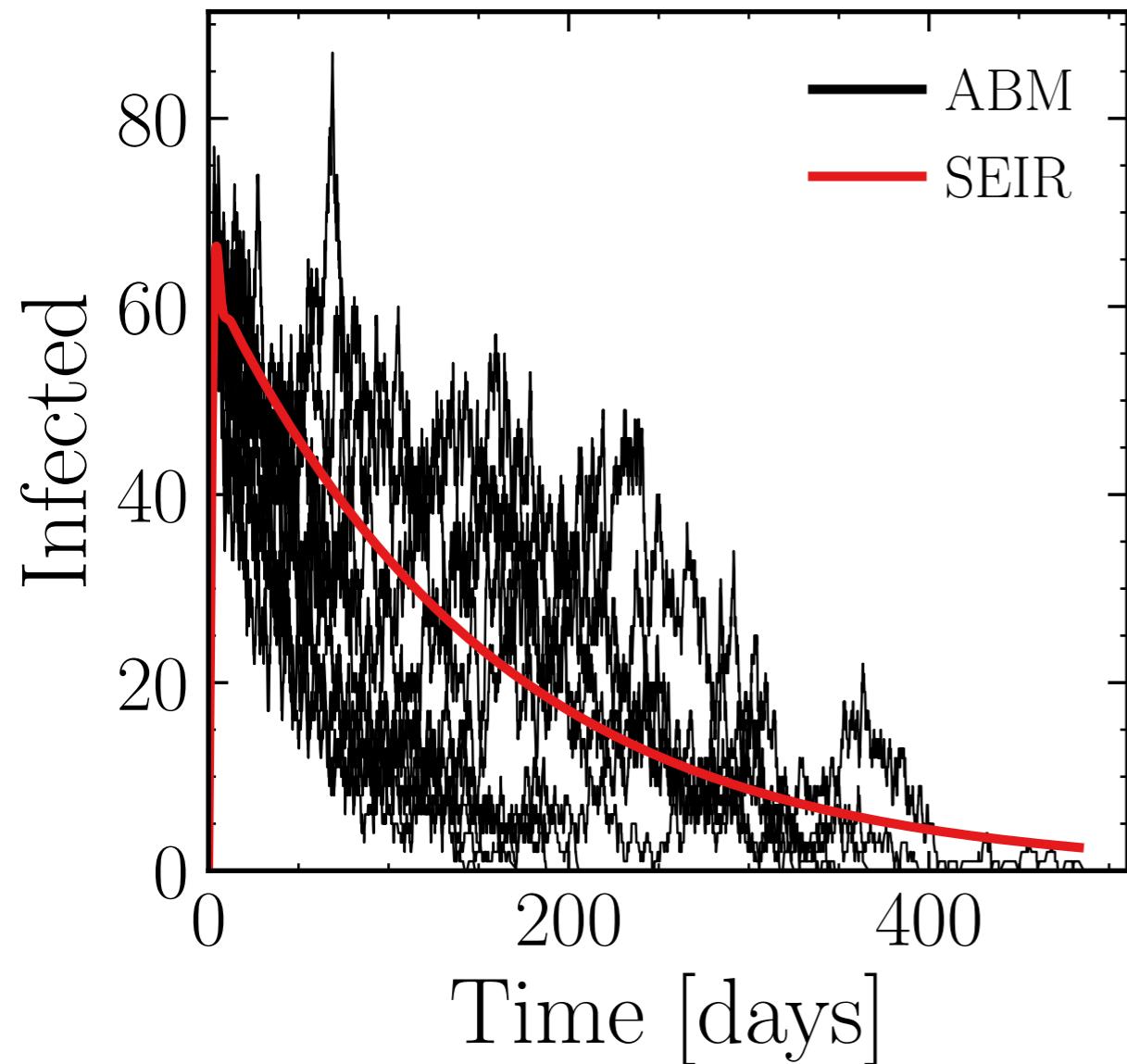
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 5K$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

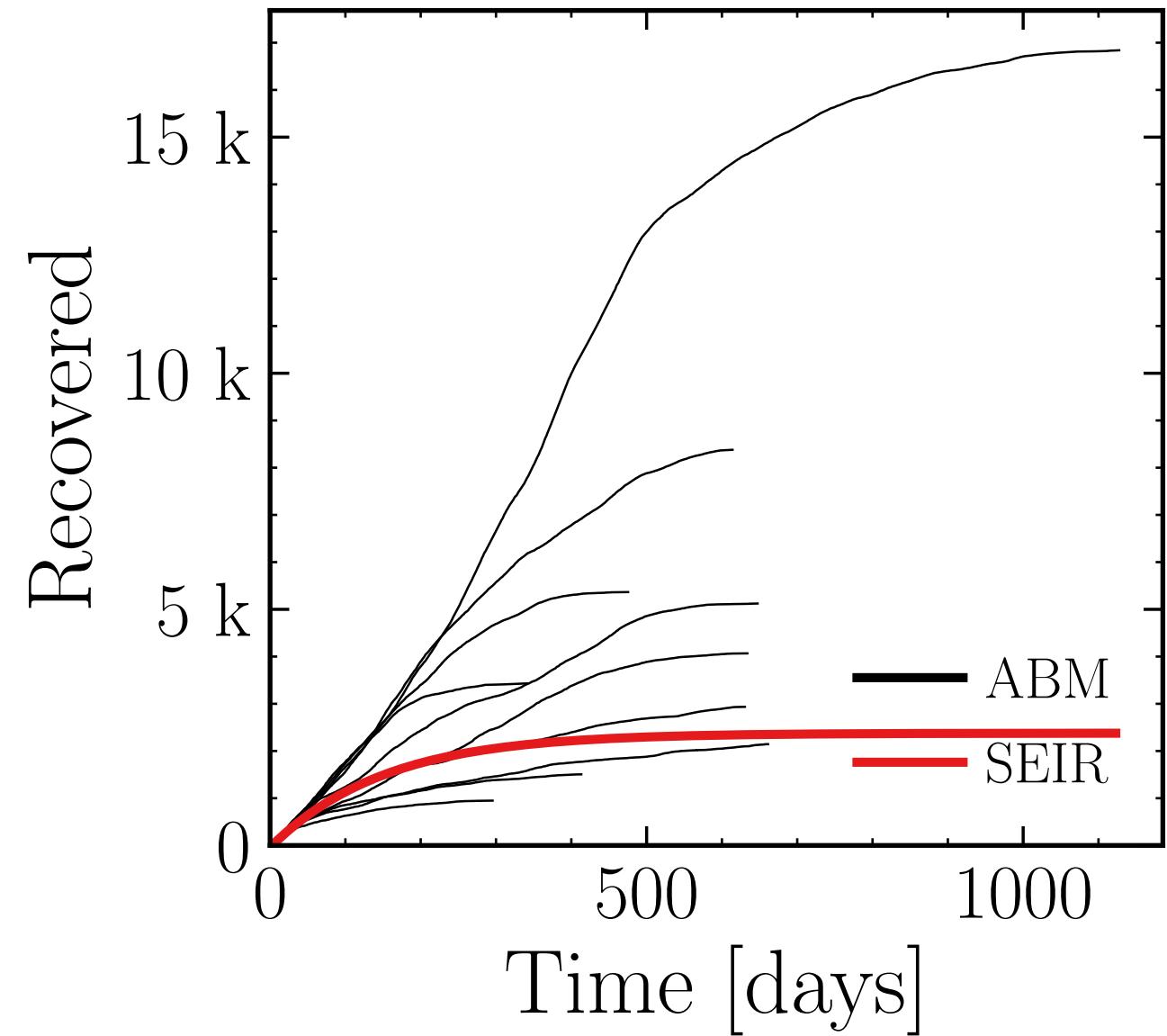
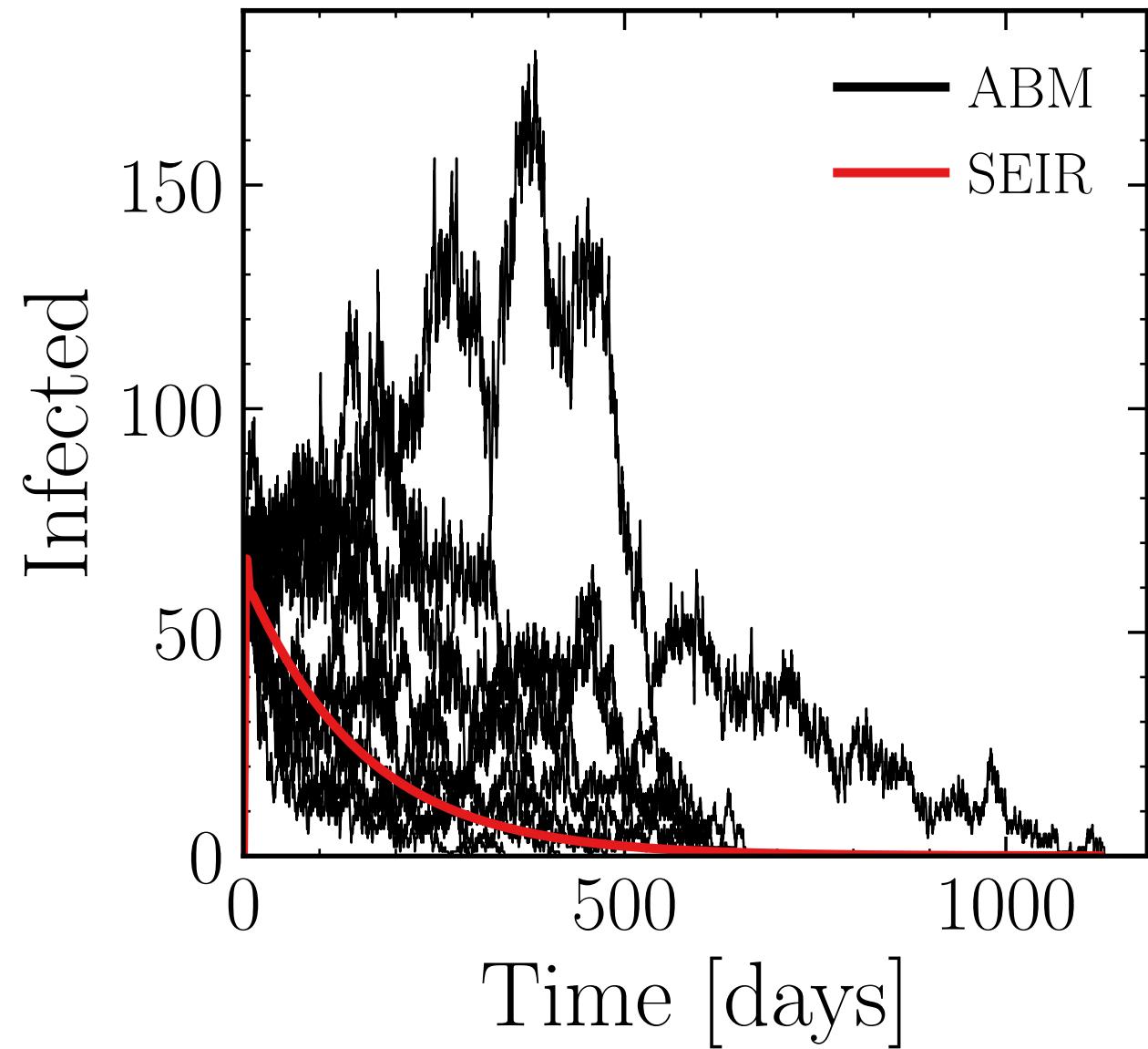
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 5K$, 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, $N_{\text{init}} = 100$

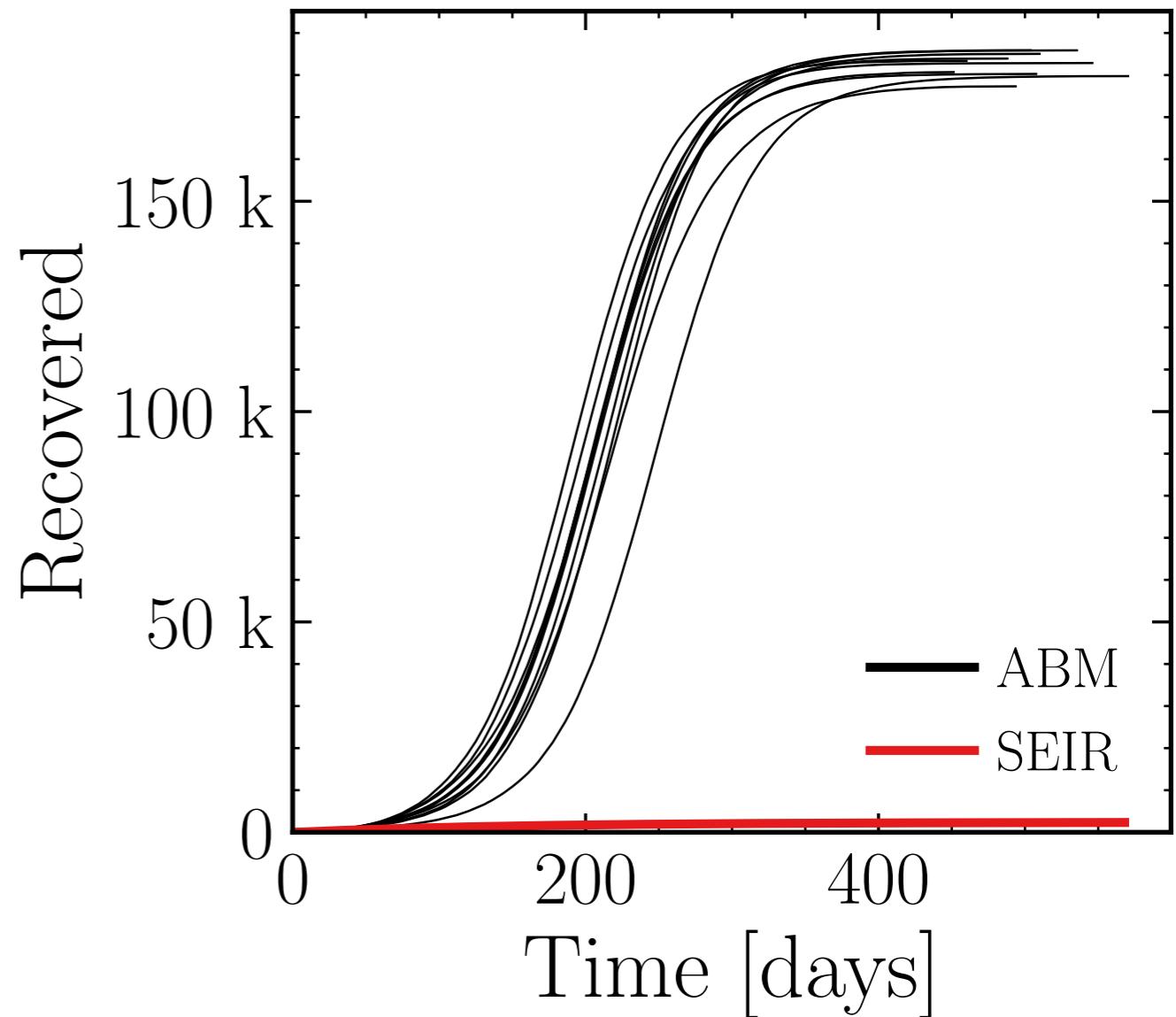
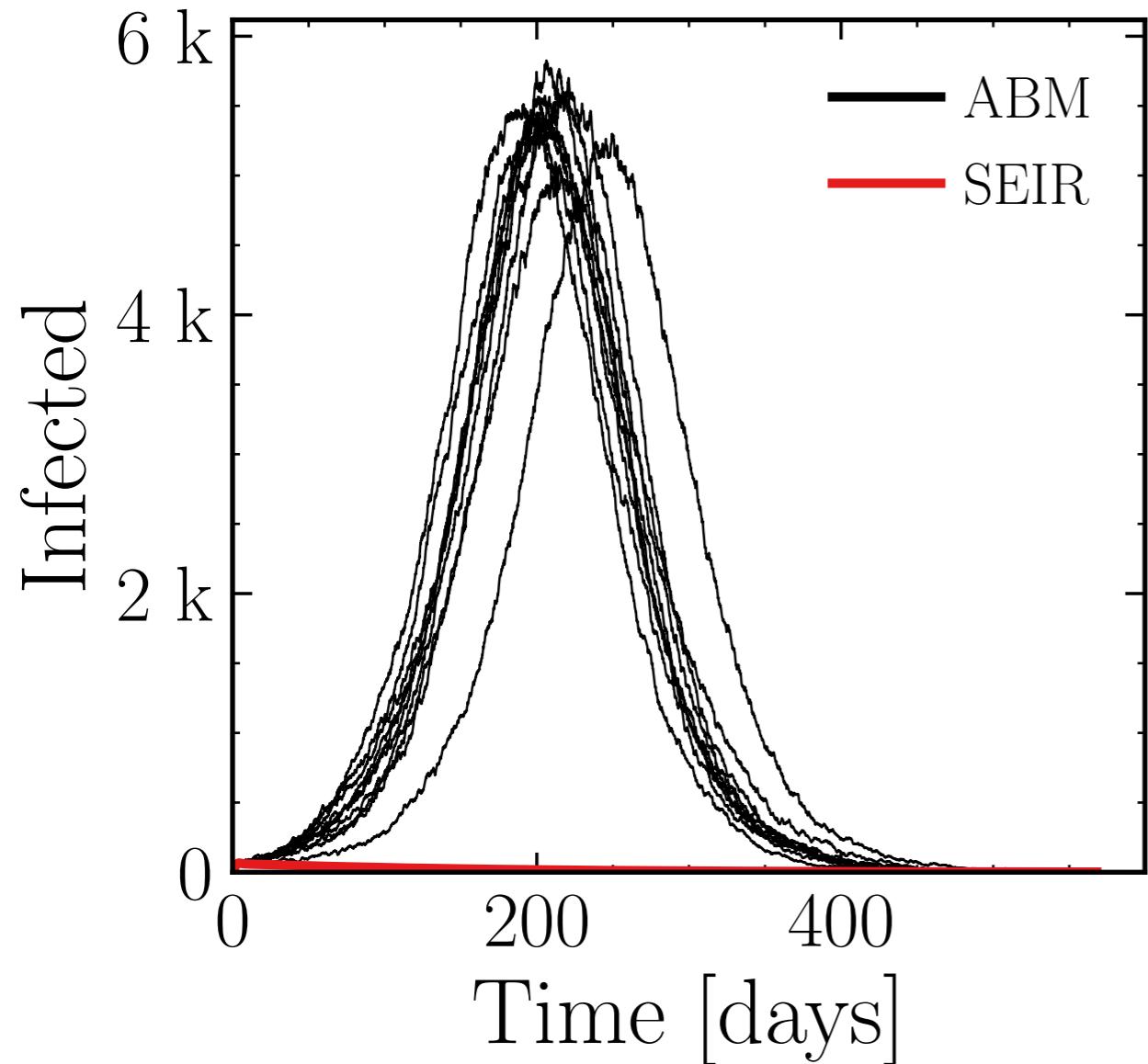
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 5K$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

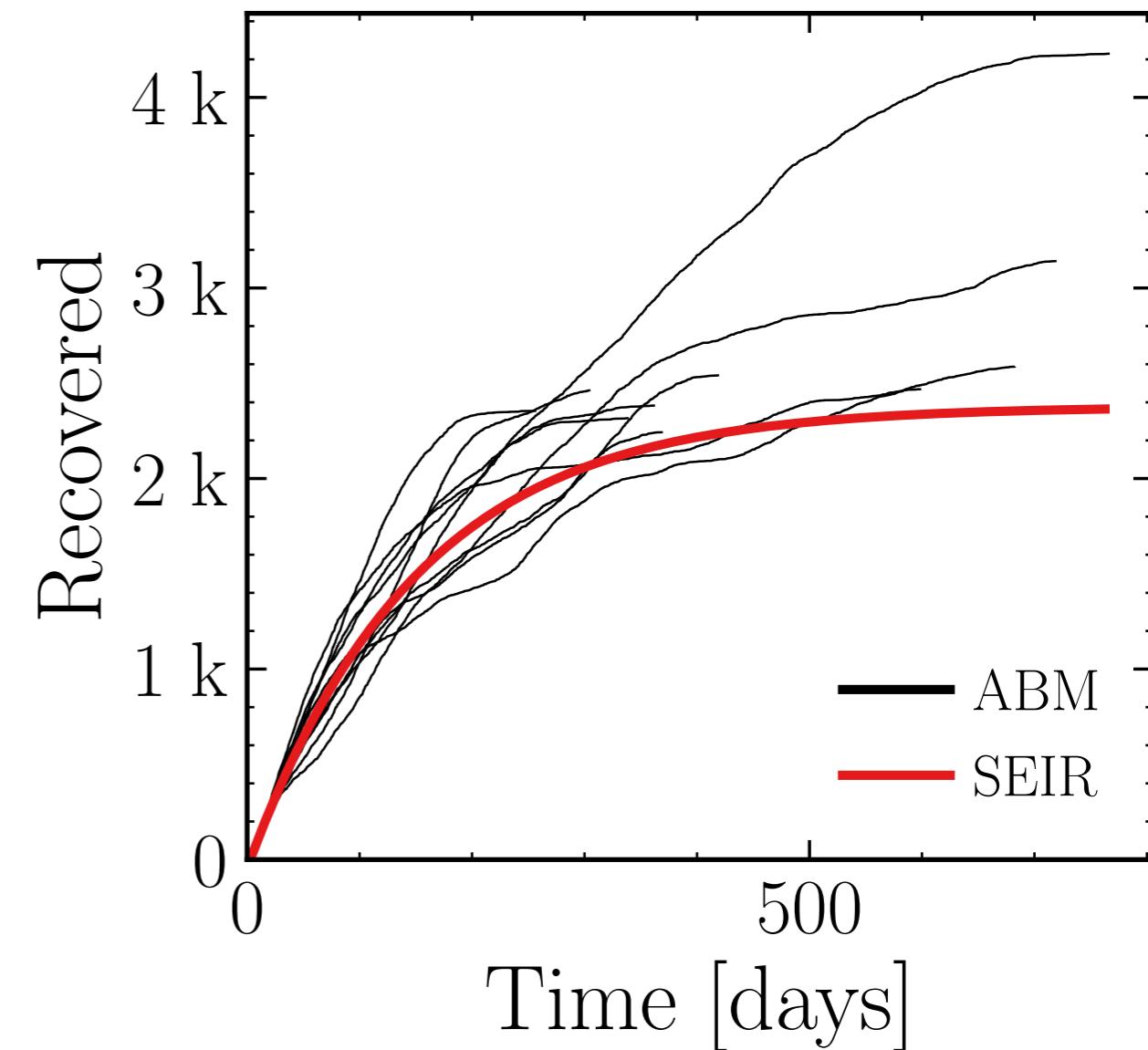
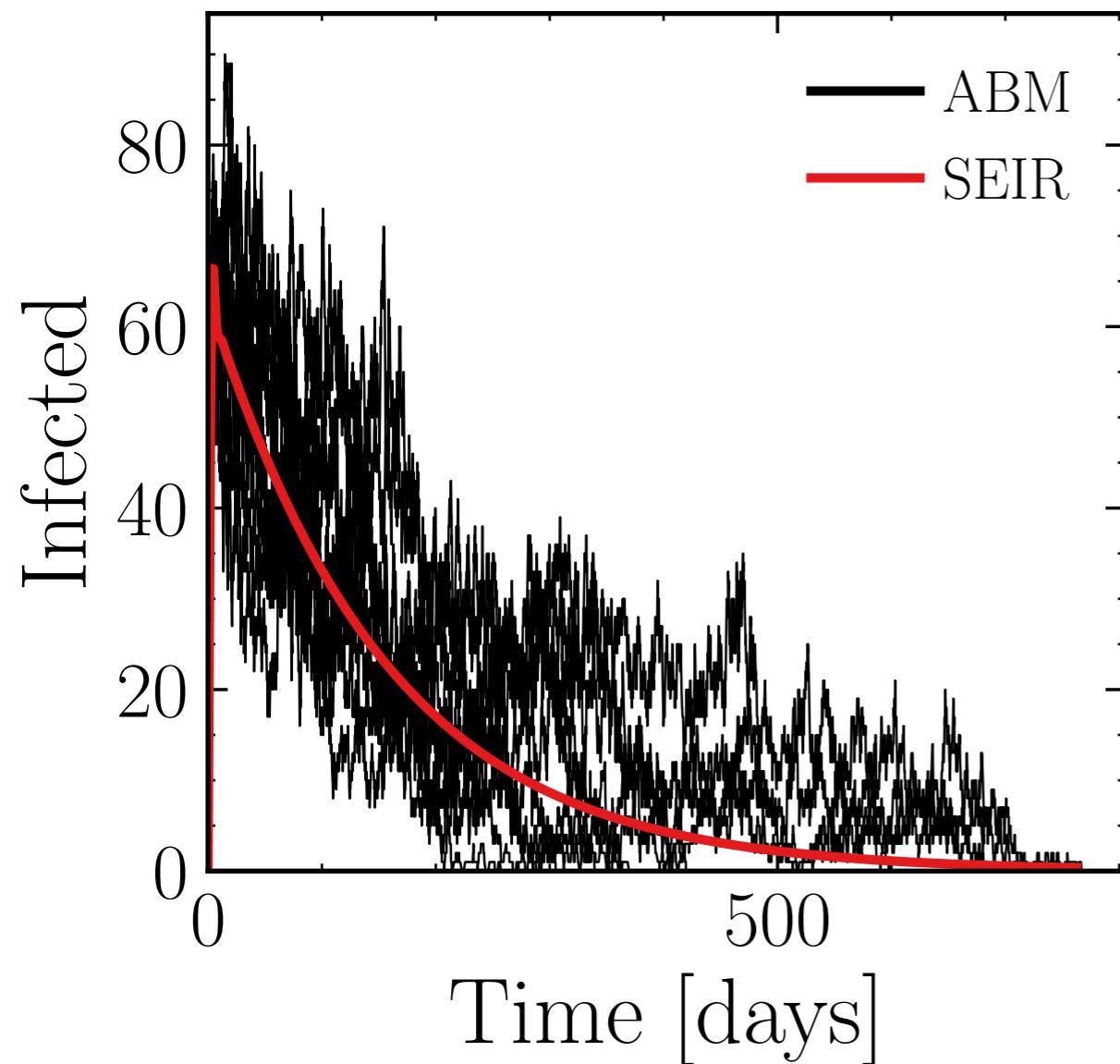
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 10K$, 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

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



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

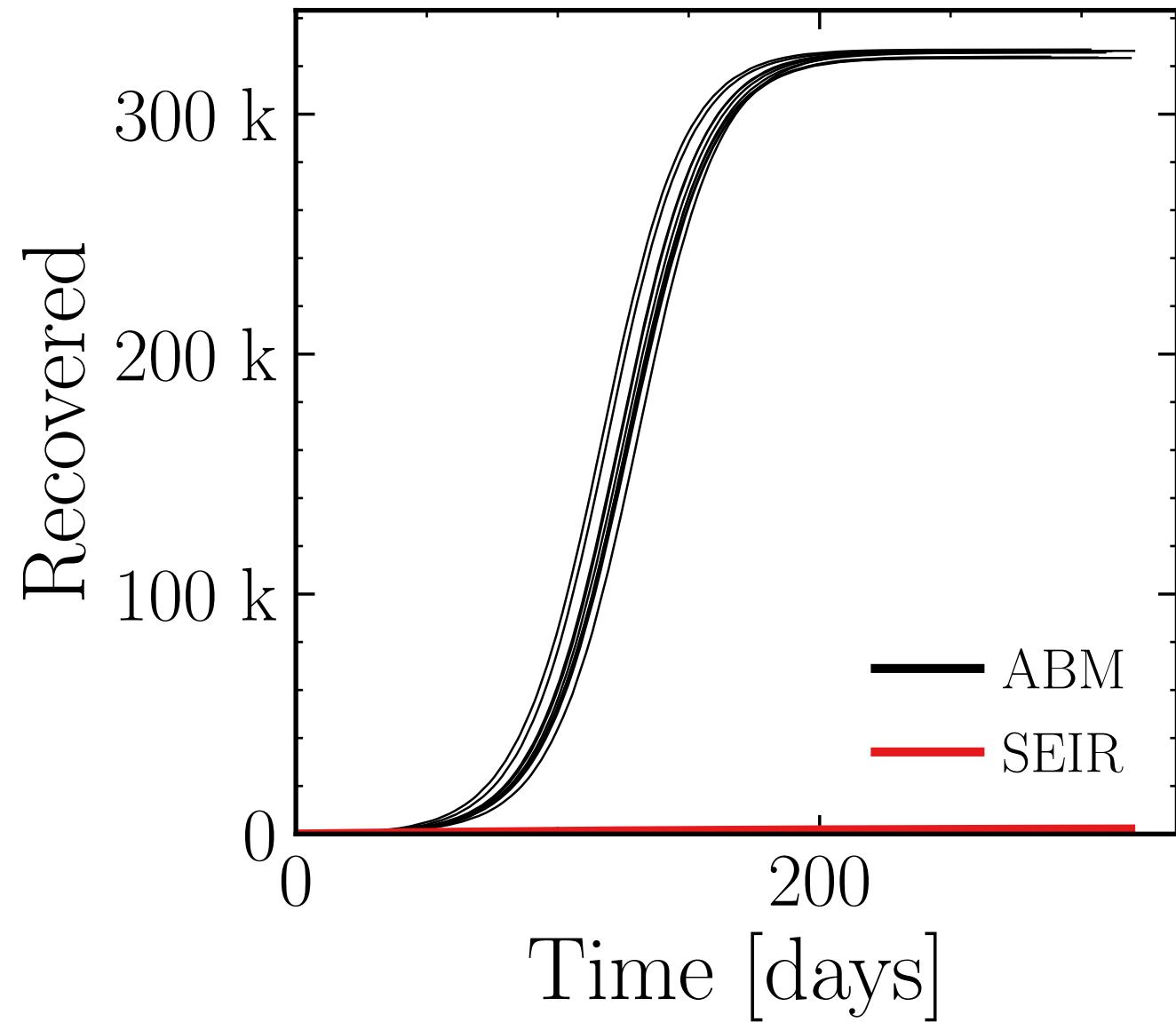
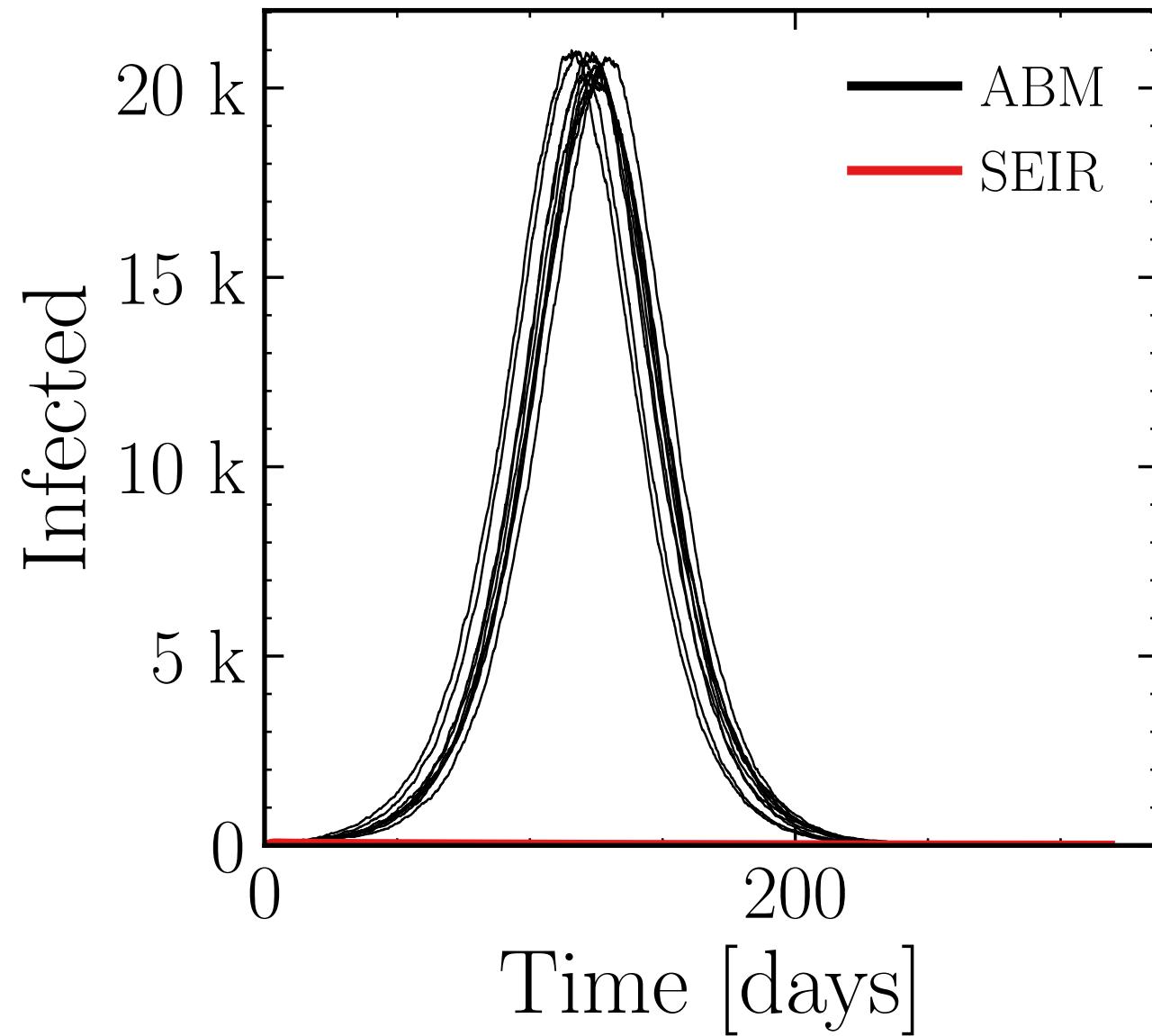
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 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, $N_{\text{init}} = 100$

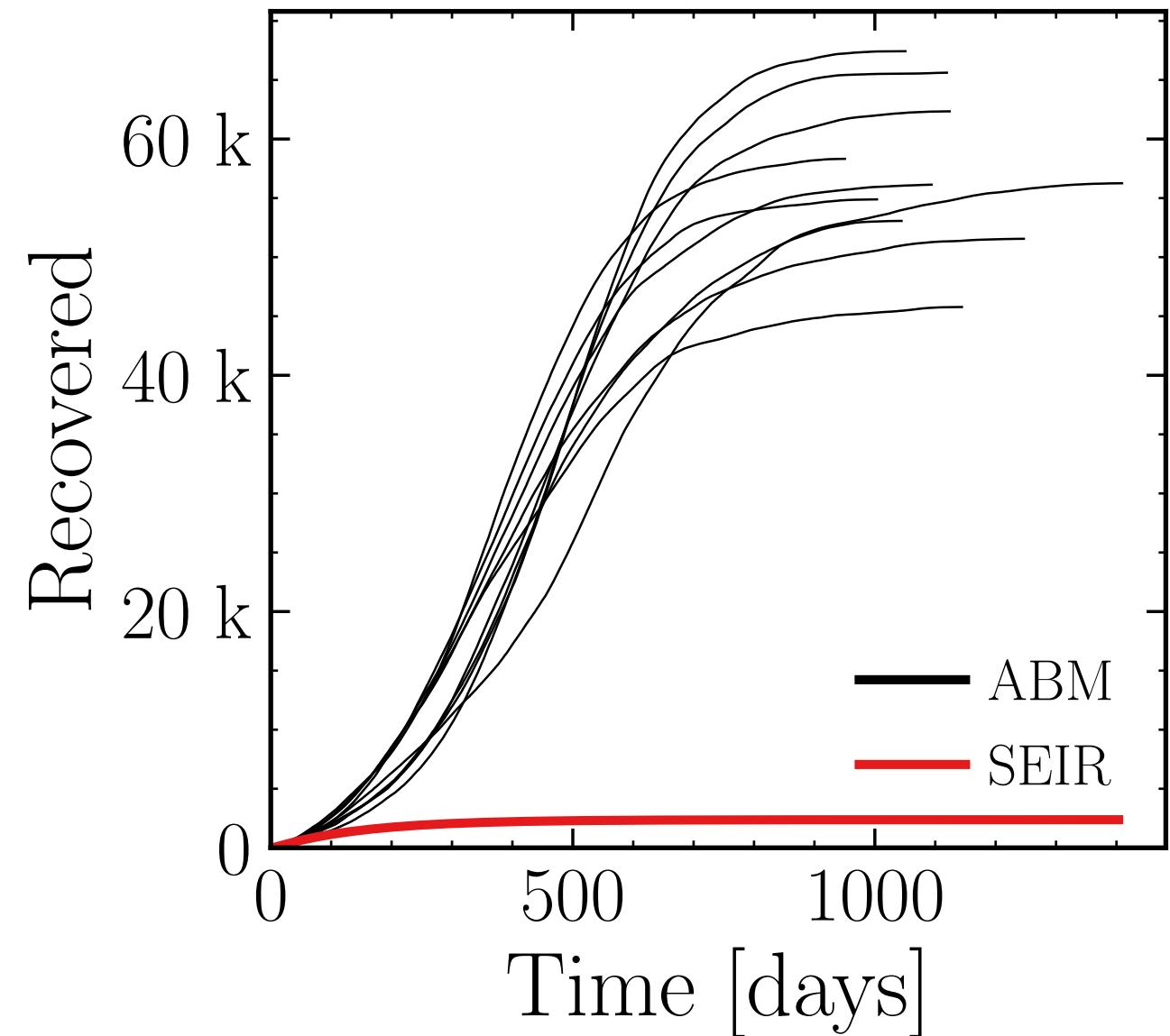
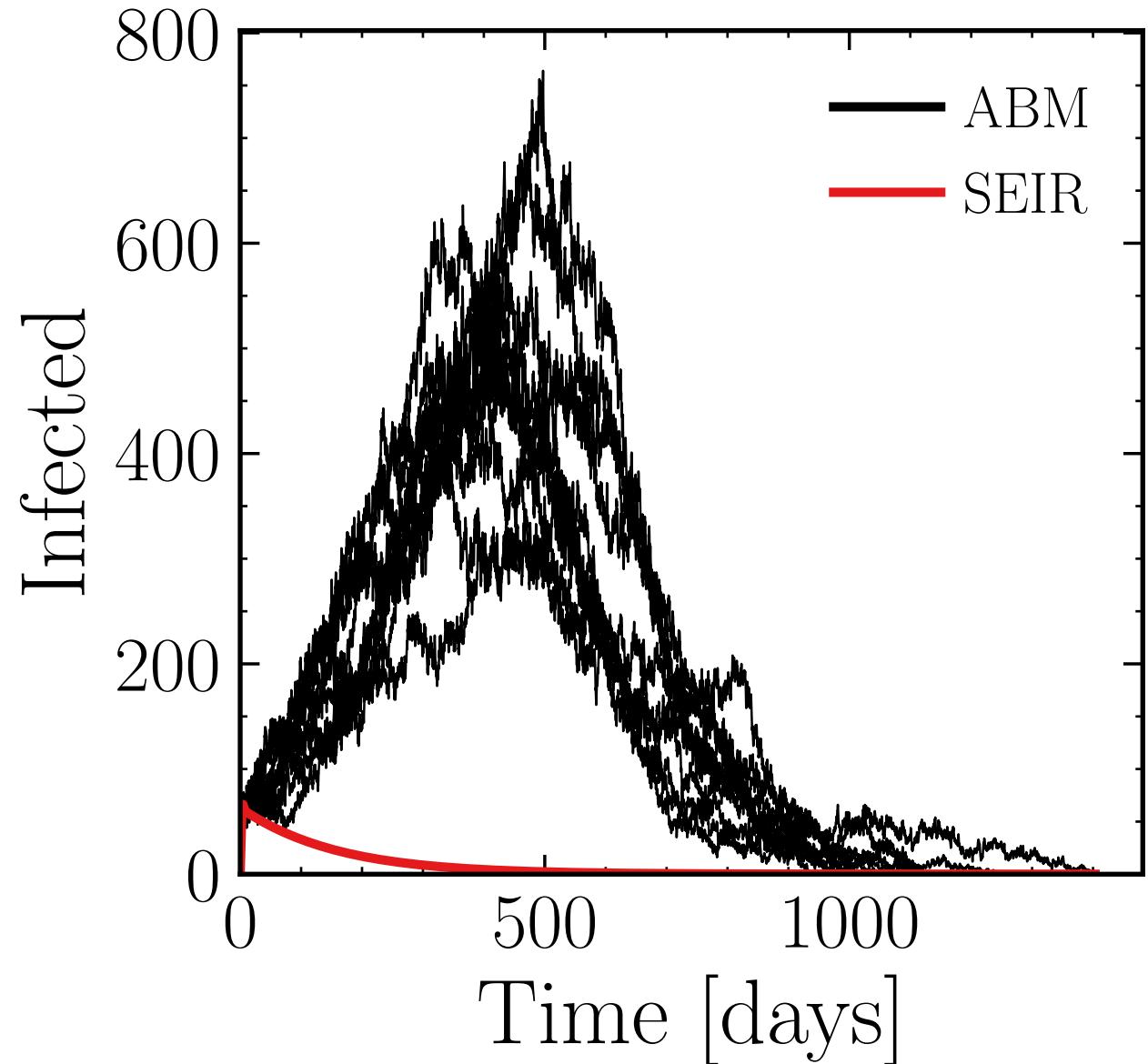
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

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

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



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

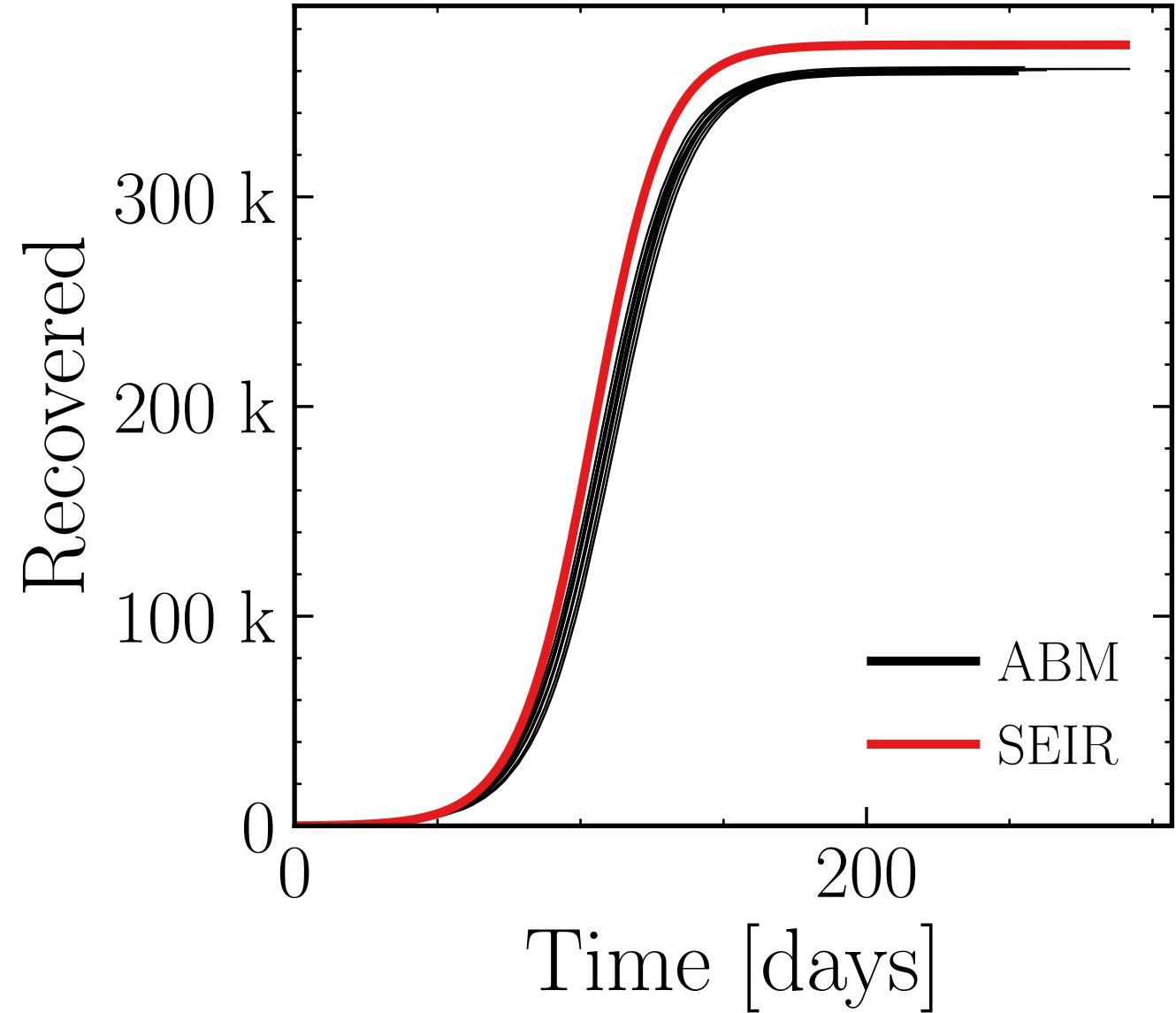
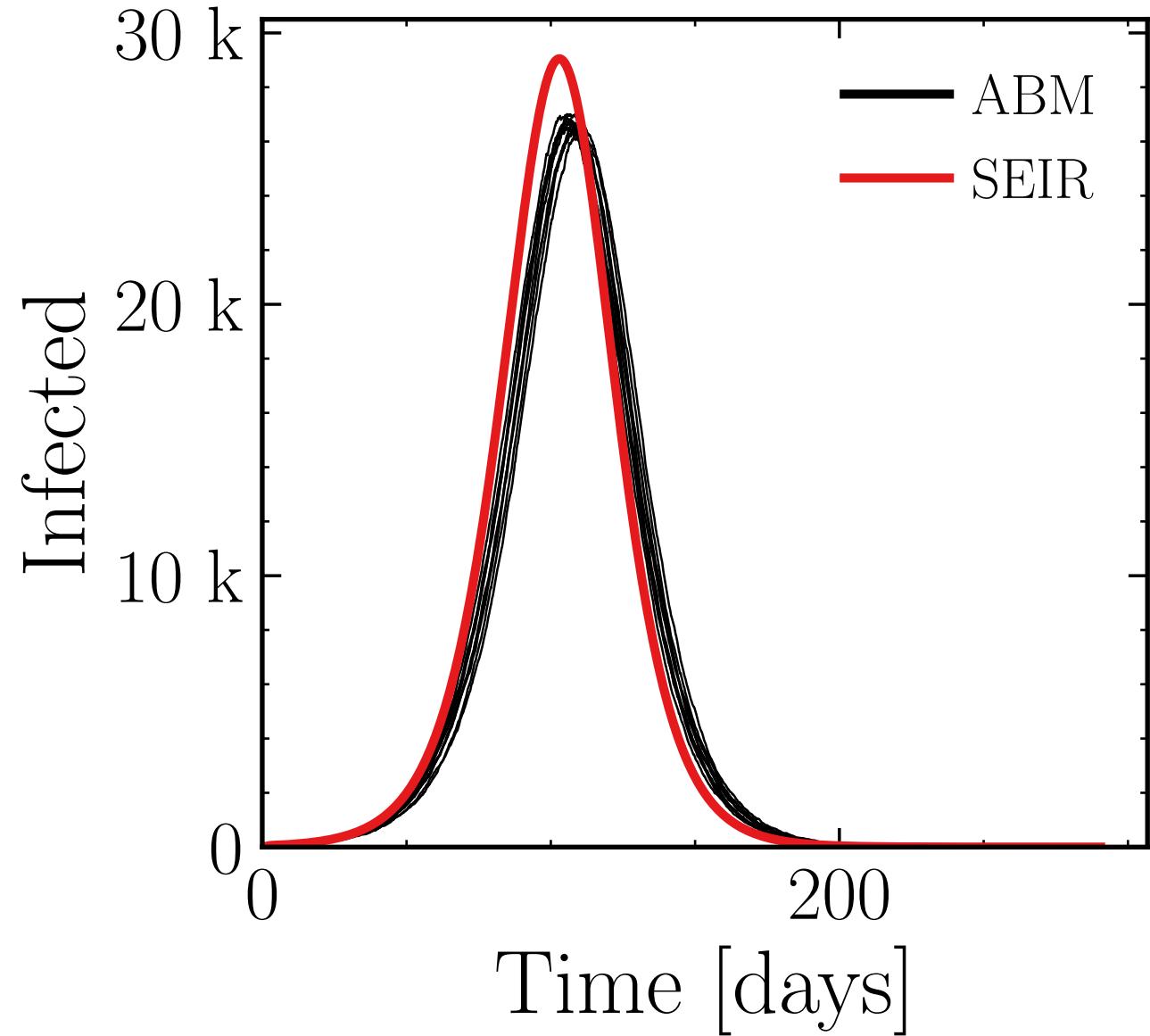
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (26.71 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 904a61ffc2, #10

$R_{\infty}^{\text{ABM}} = (360.1 \pm 0.082\%) \cdot 10^3$



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

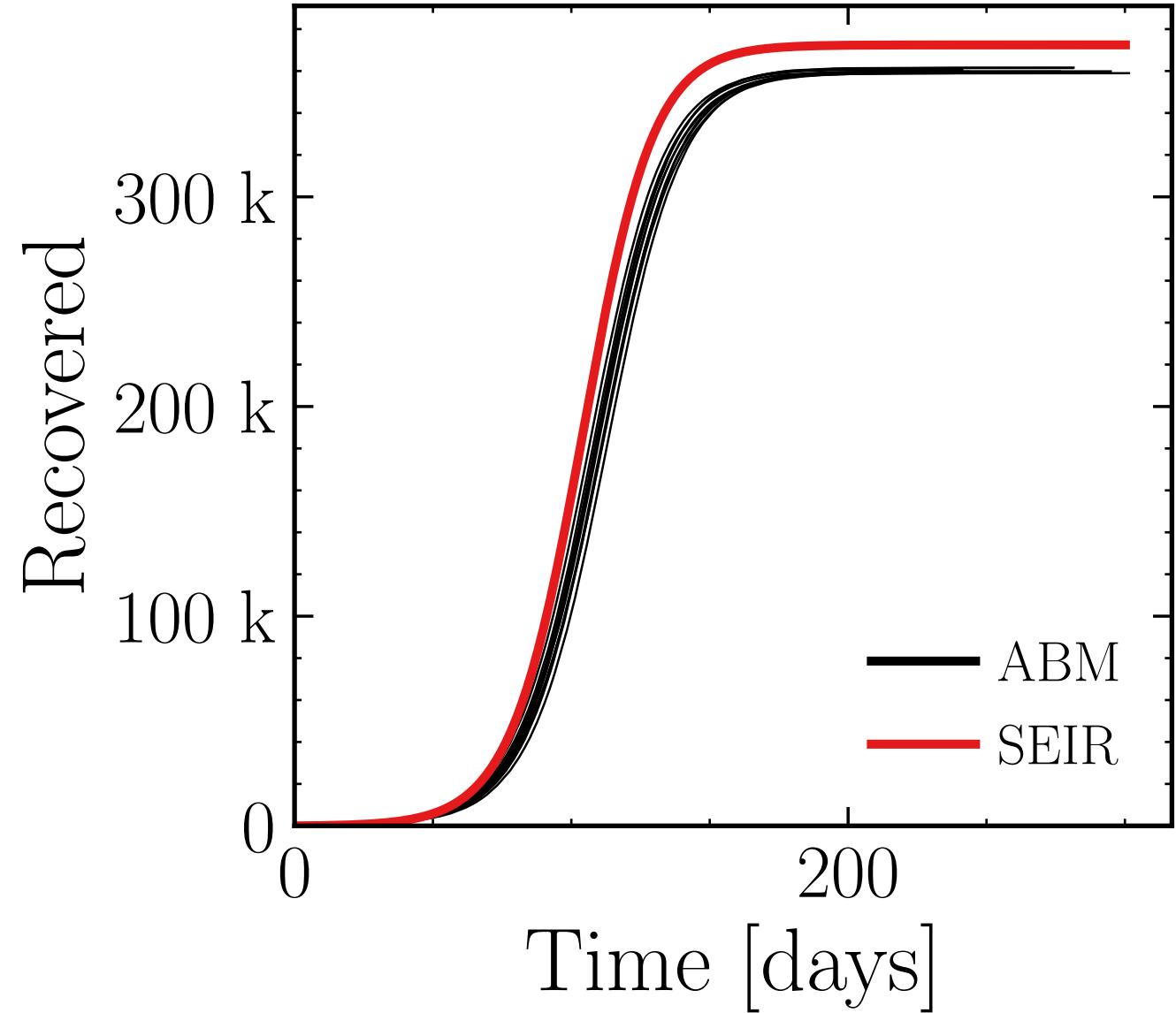
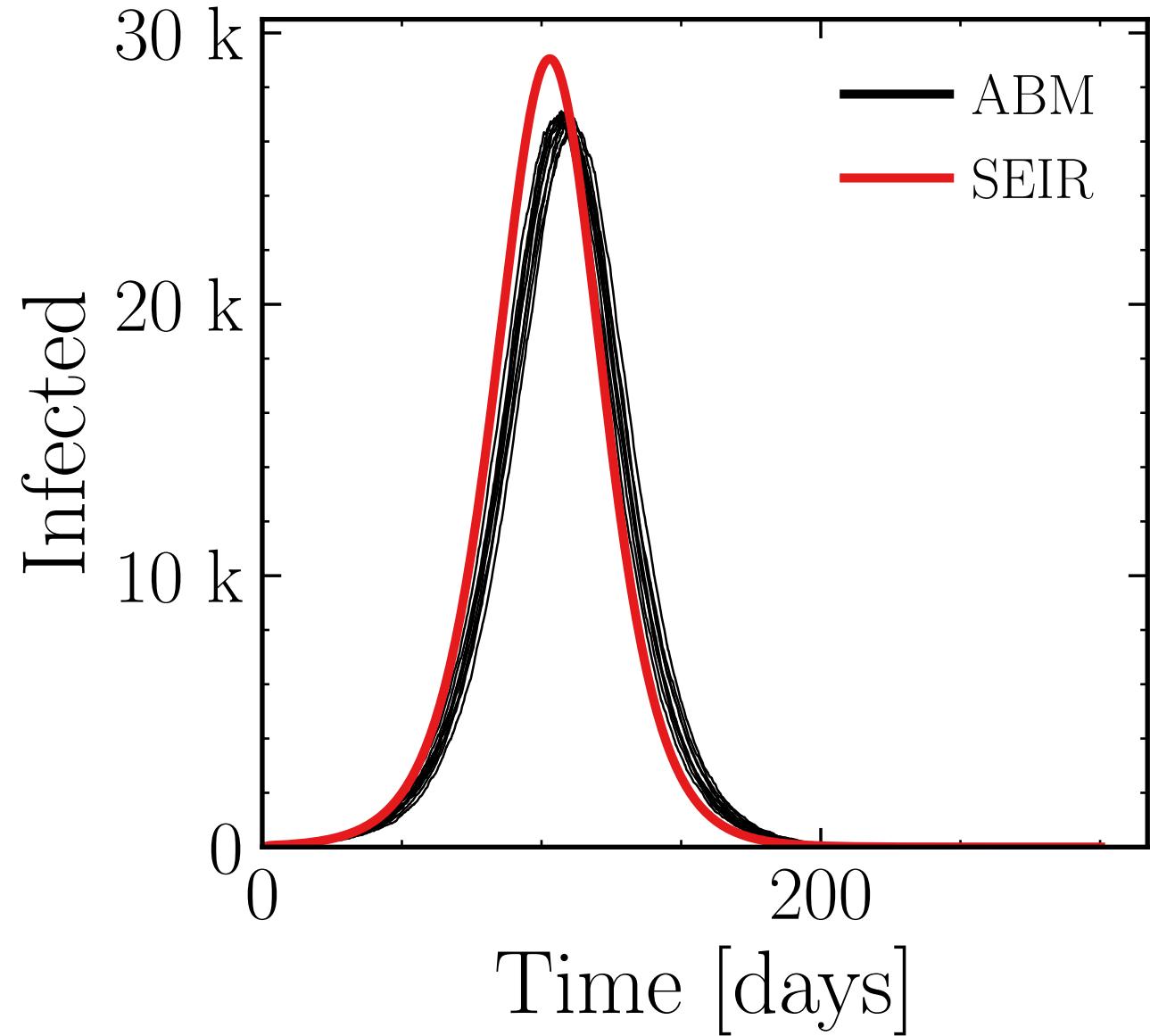
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.8 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = fc236be8ec, #10

$R_{\infty}^{\text{ABM}} = (360 \pm 0.081\%) \cdot 10^3$



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

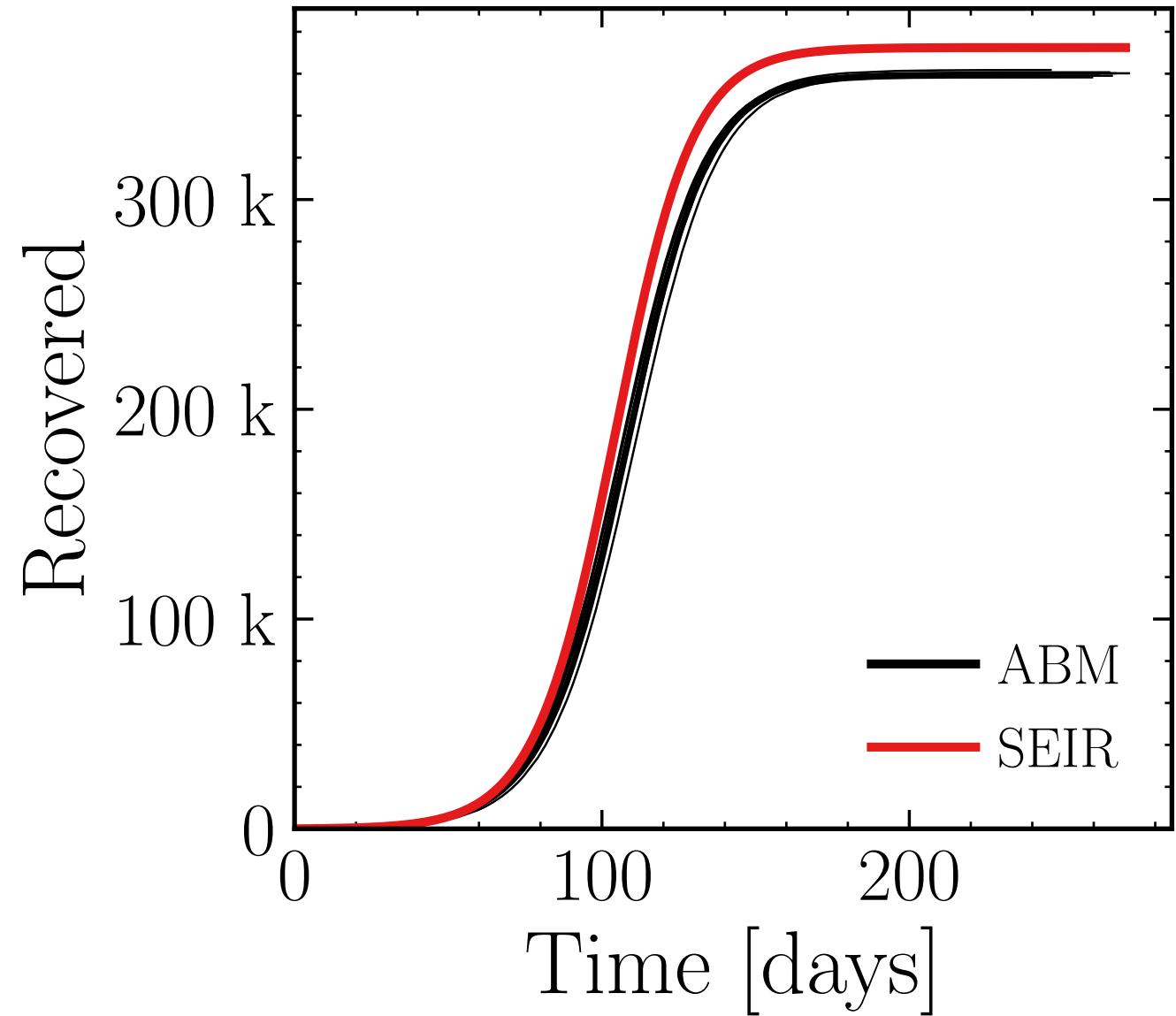
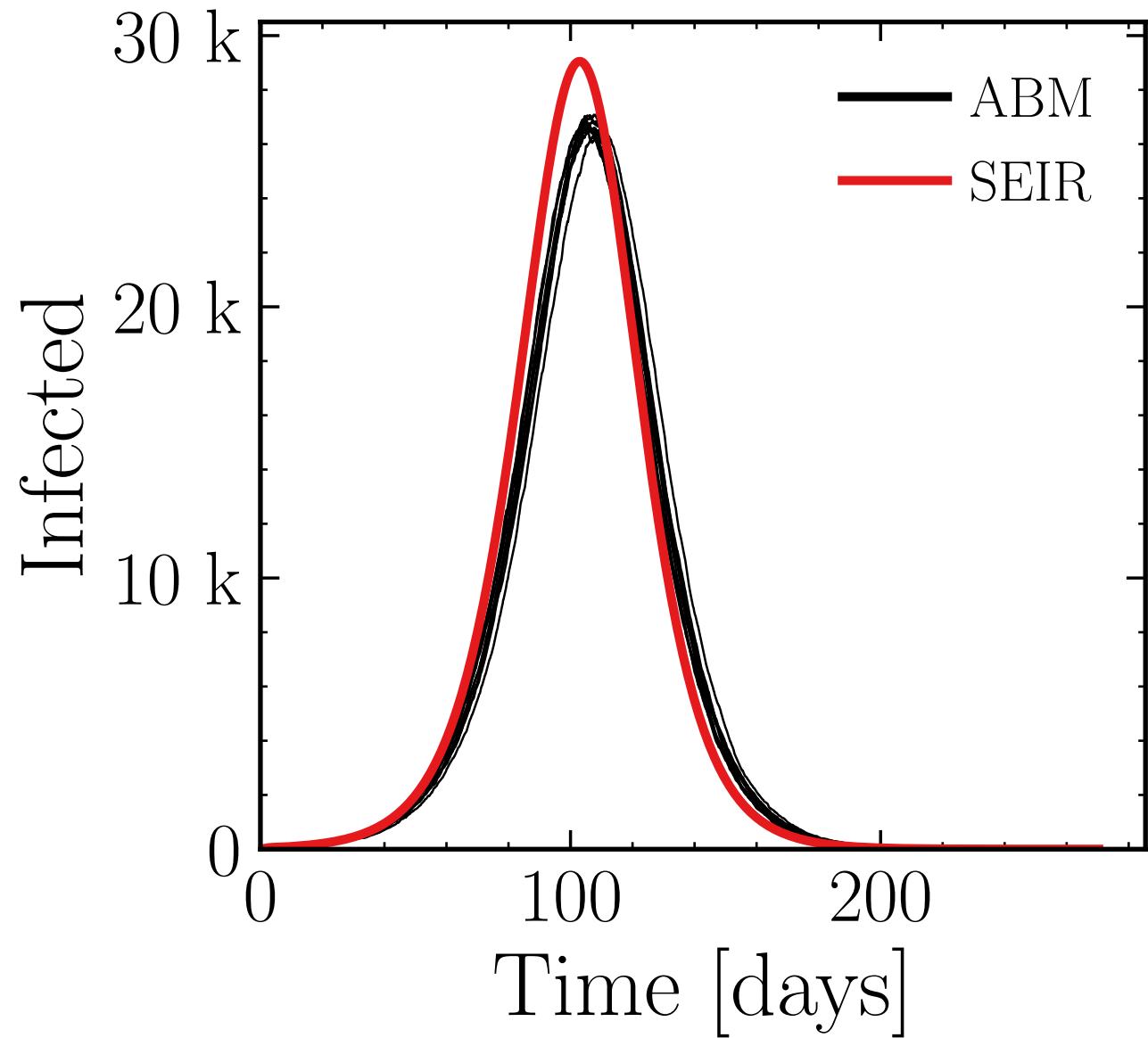
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 2, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.75 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 93e060fdde, #10

$R_\infty^{\text{ABM}} = (359.9 \pm 0.08\%) \cdot 10^3$



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

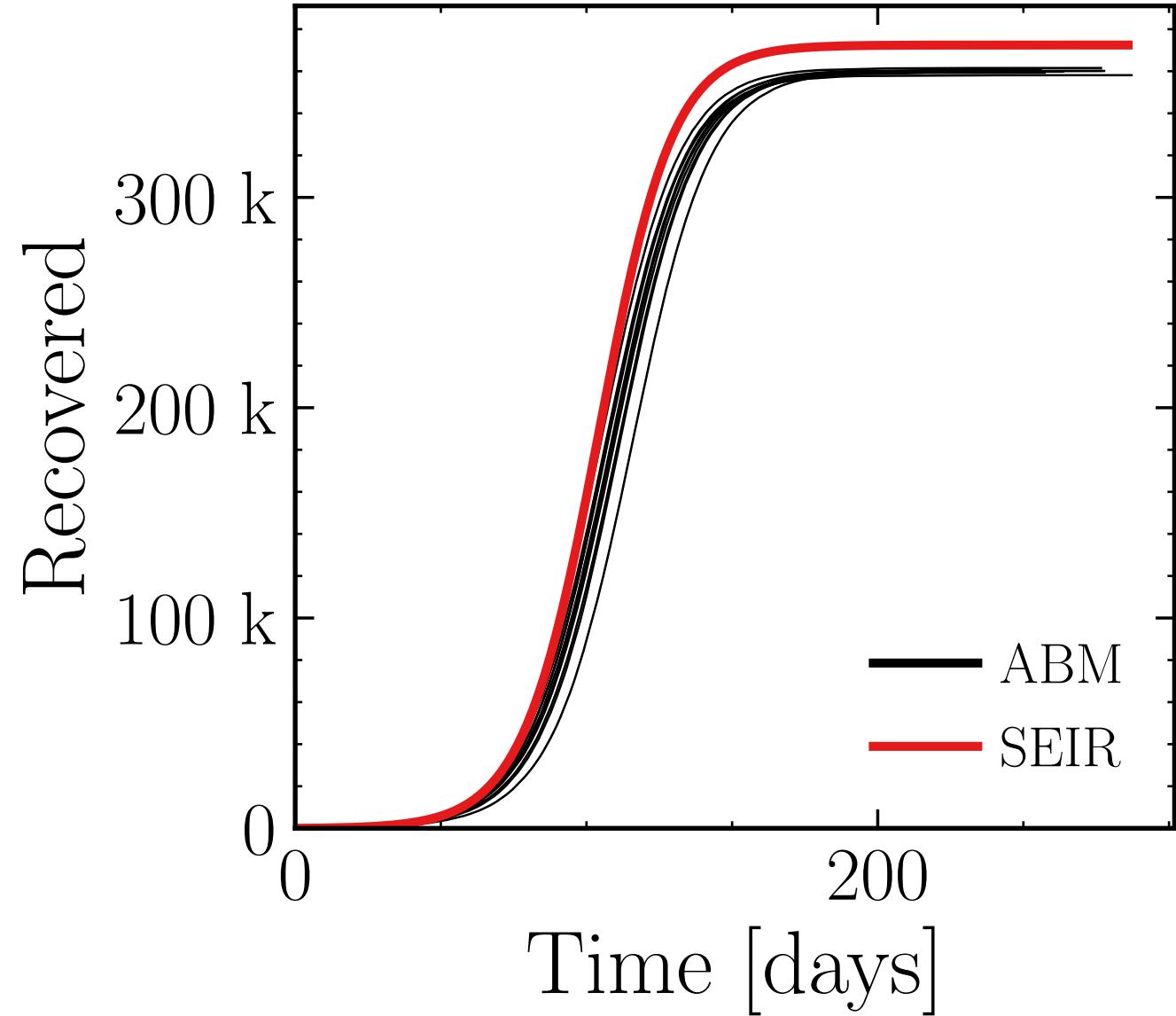
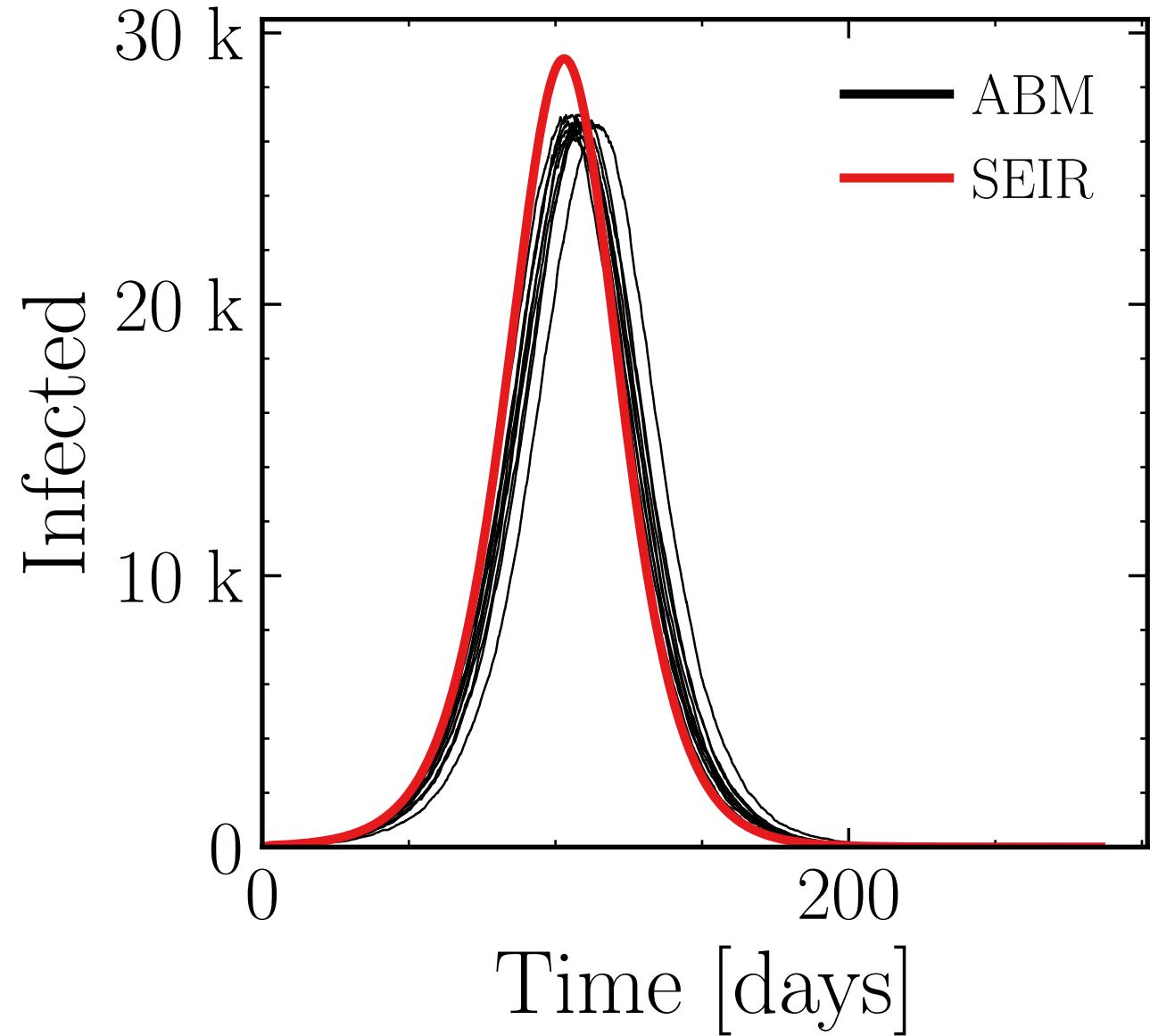
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 3, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.73 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 921d65f1a5, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.073\%) \cdot 10^3$



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

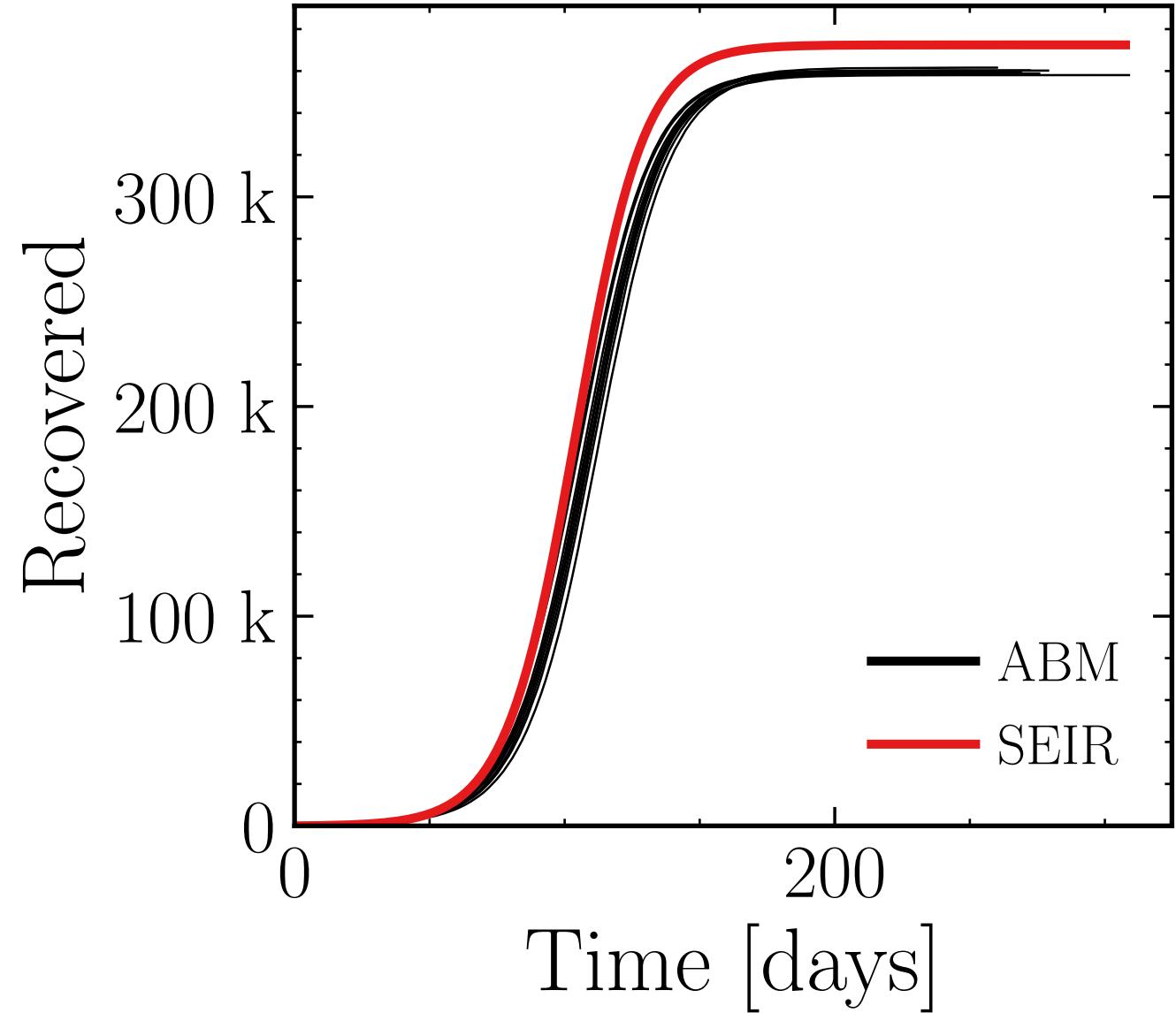
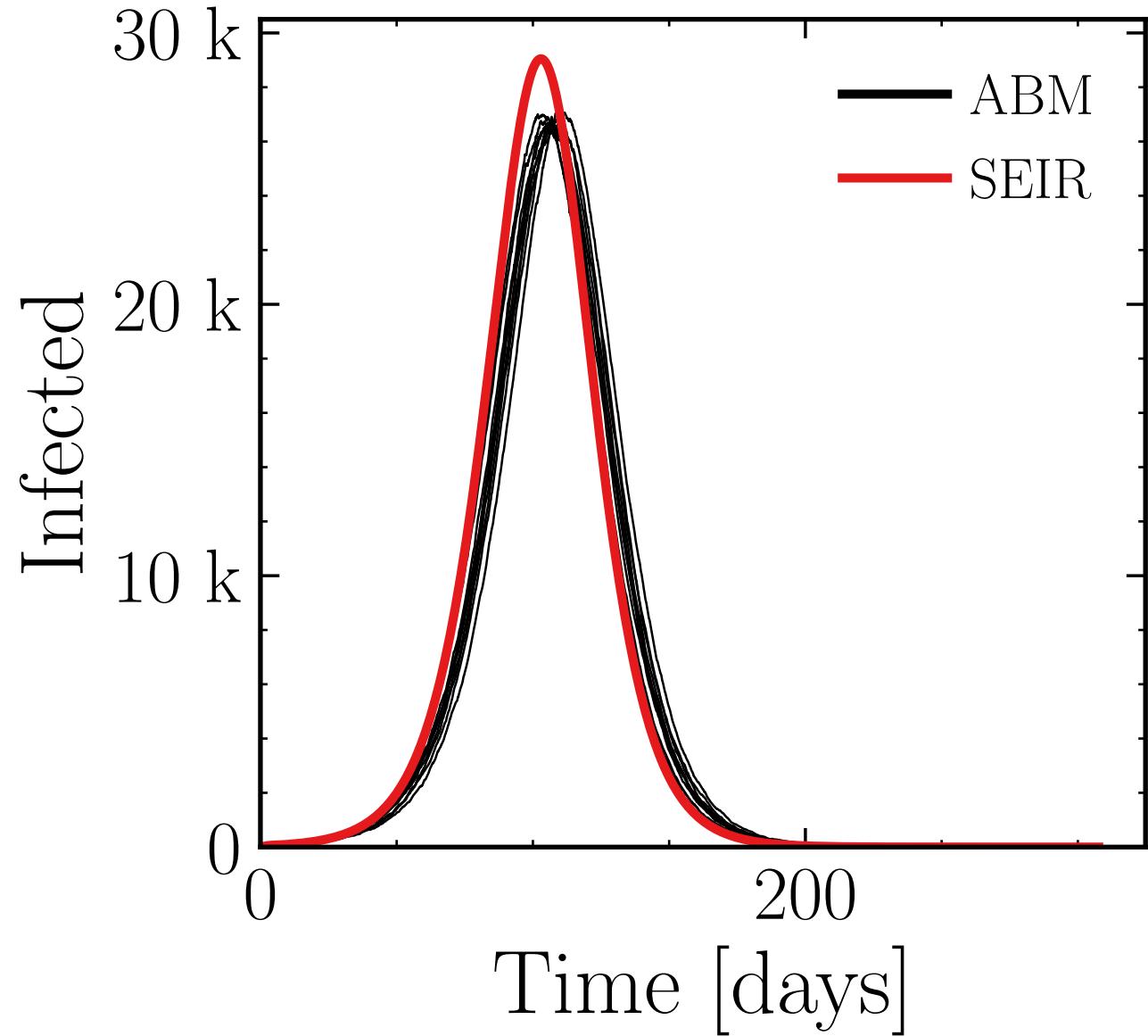
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 4, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.76 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = f01ca9e4da, #10

$R_{\infty}^{\text{ABM}} = (359.8 \pm 0.079\%) \cdot 10^3$



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

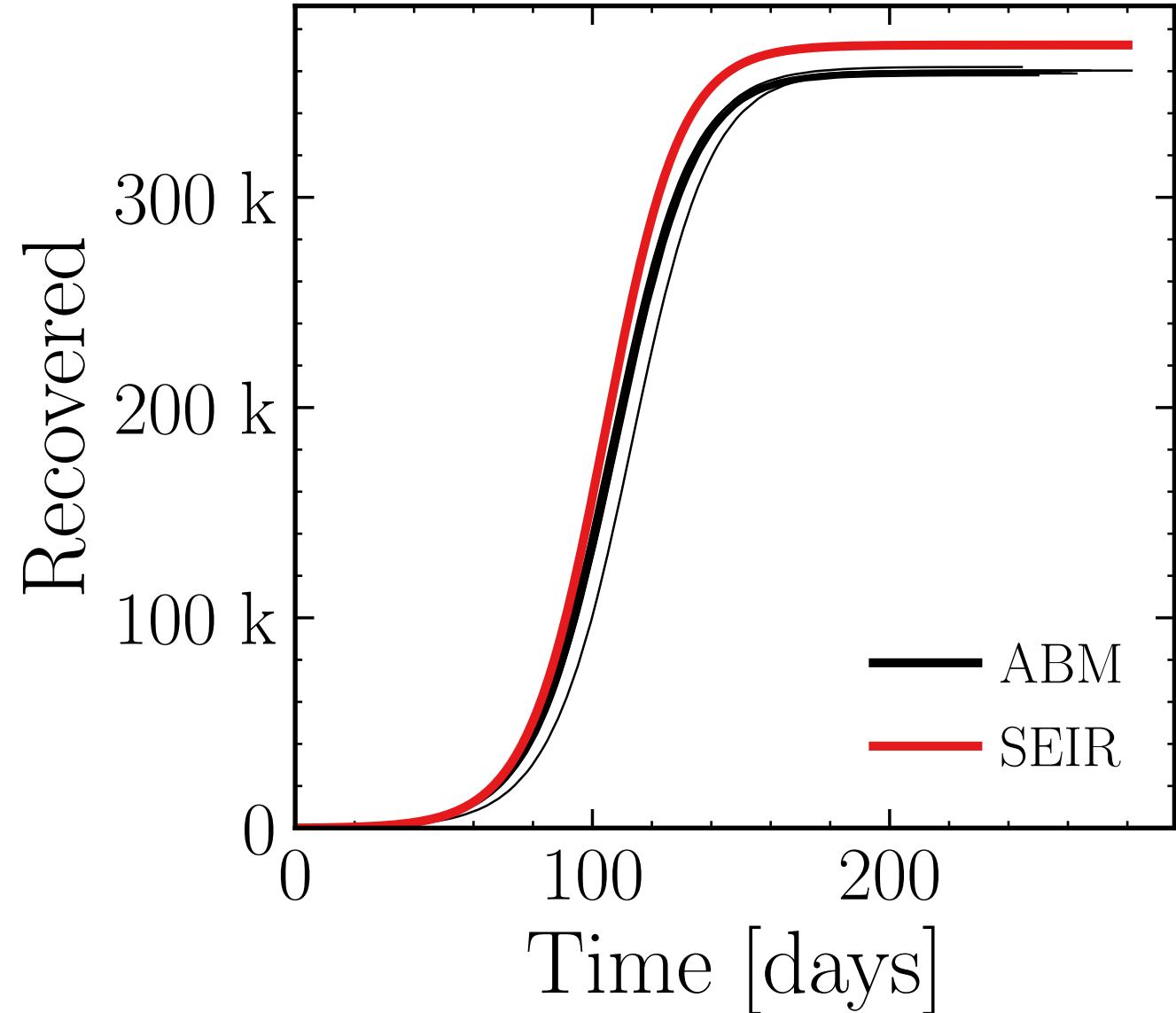
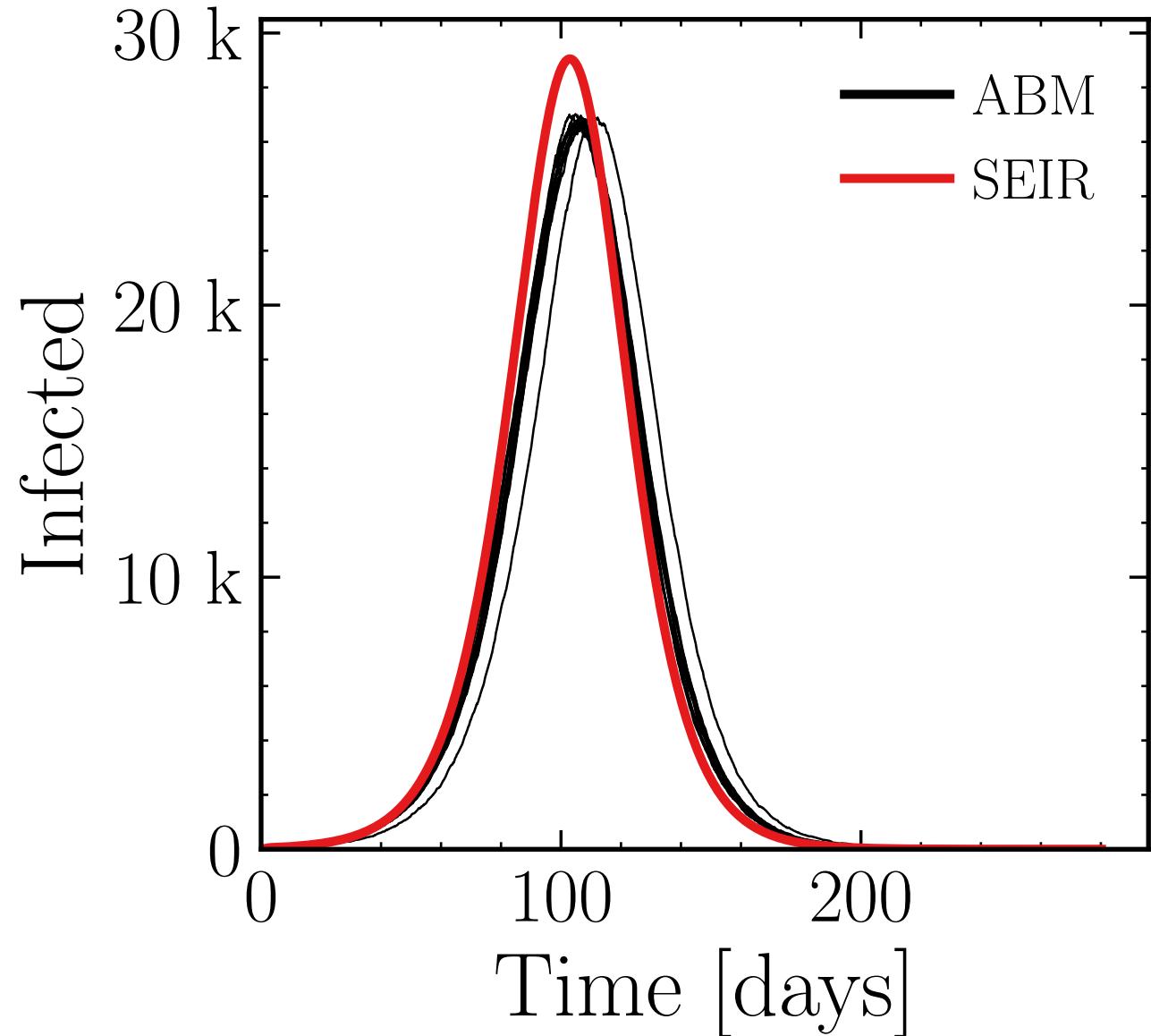
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 5, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.78 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 6e99d5319e, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.087\%) \cdot 10^3$



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

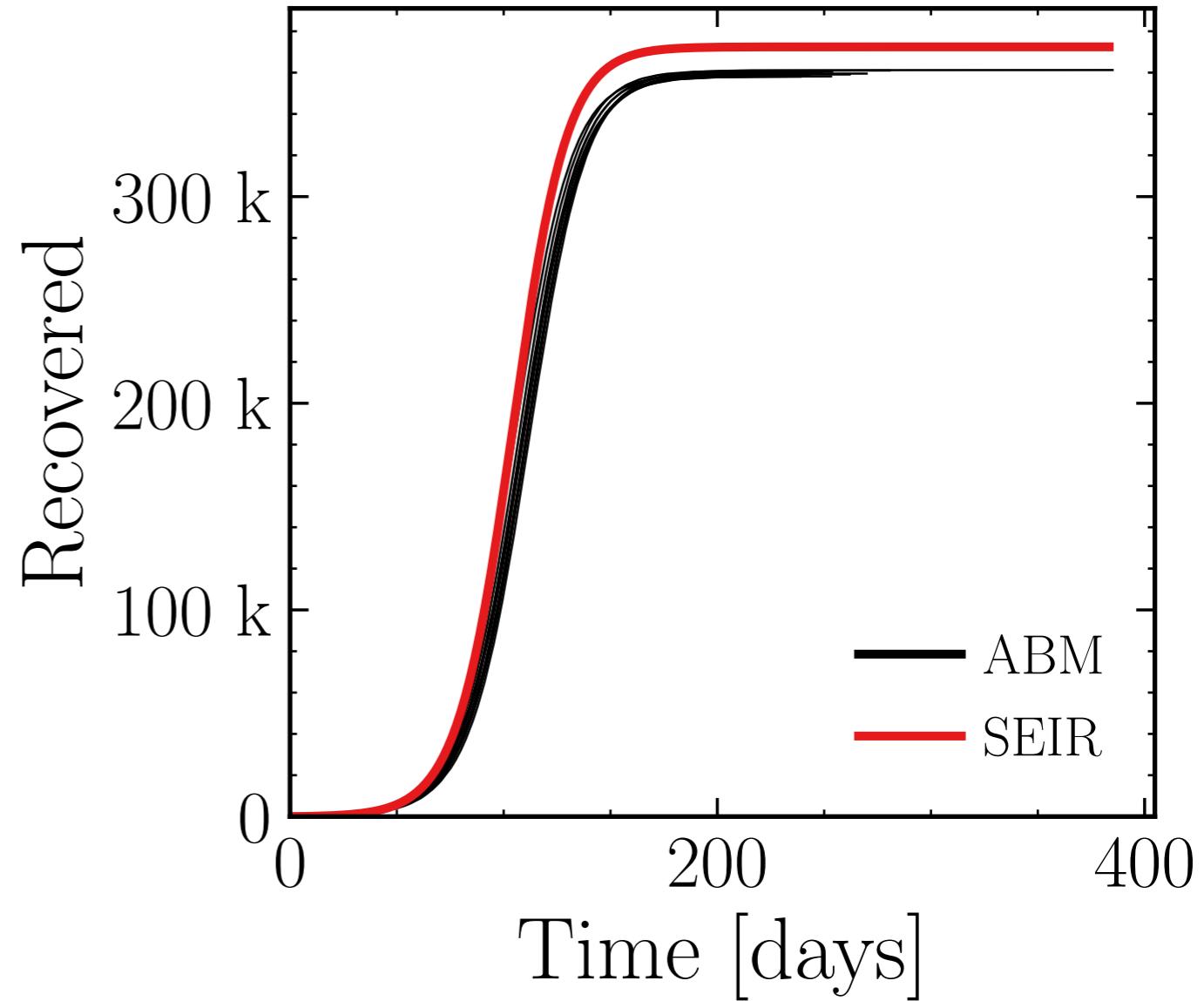
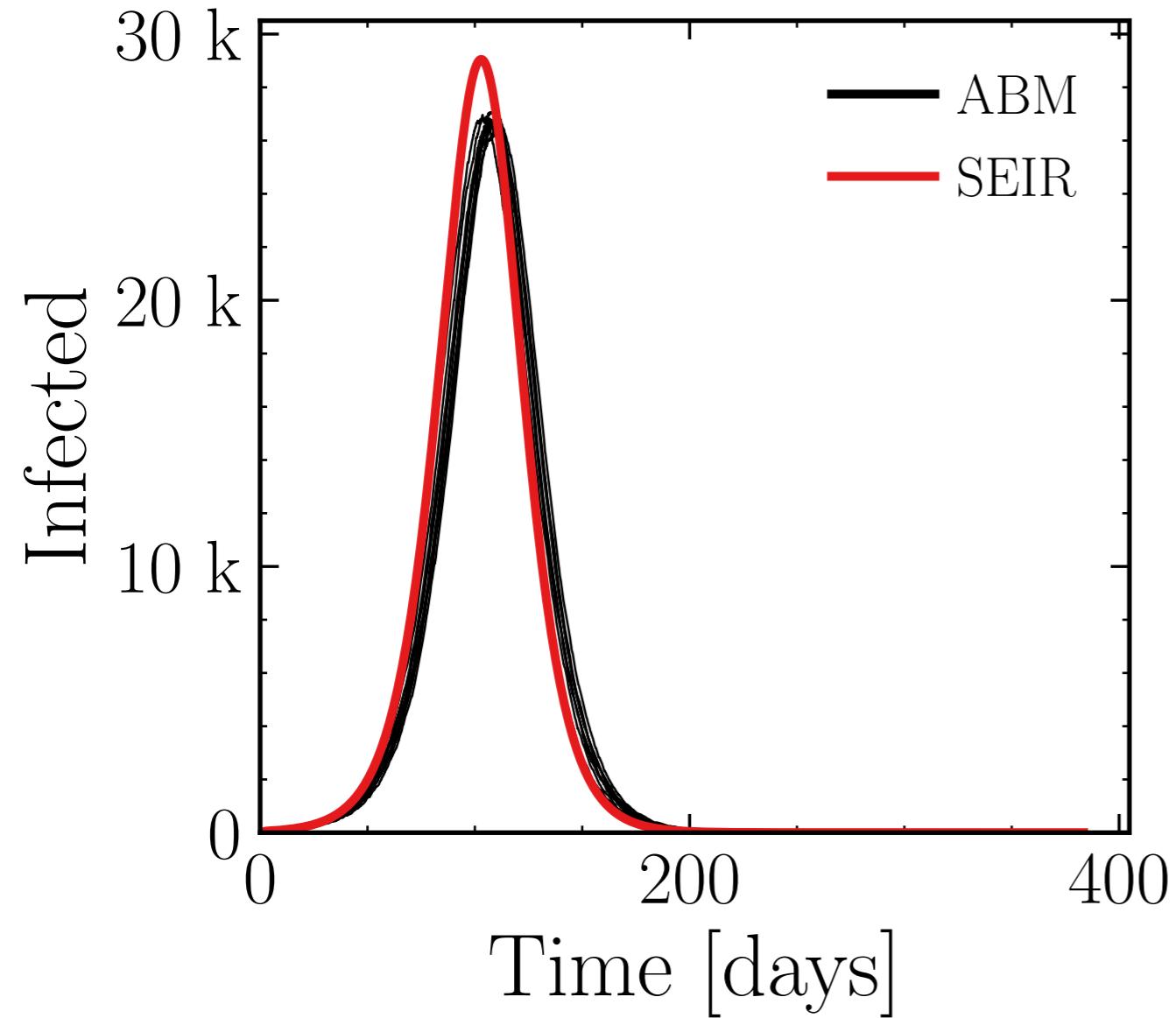
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (26.77 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = a7628038ba, #10

$R_{\infty}^{\text{ABM}} = (359.6 \pm 0.091\%) \cdot 10^3$



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

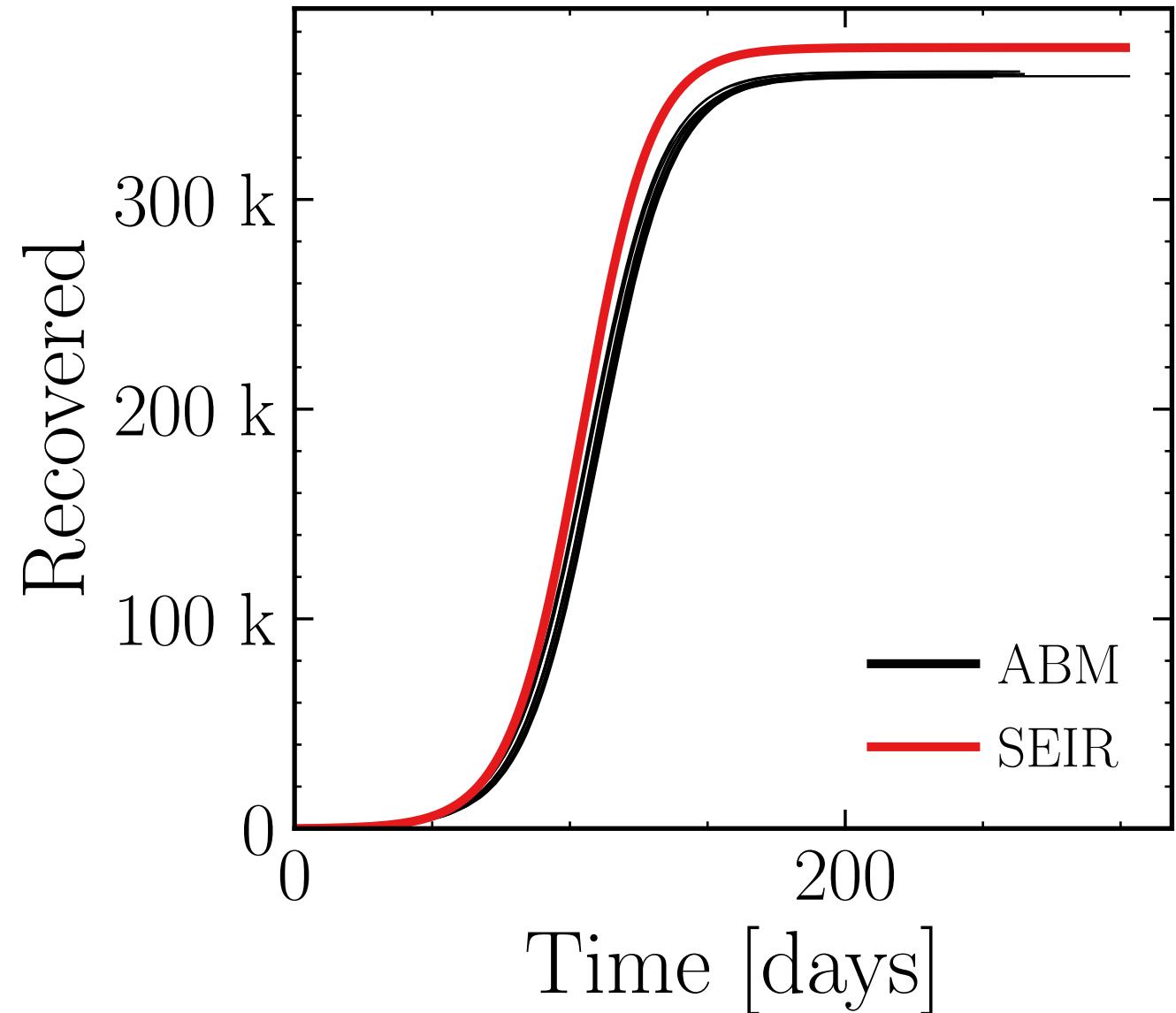
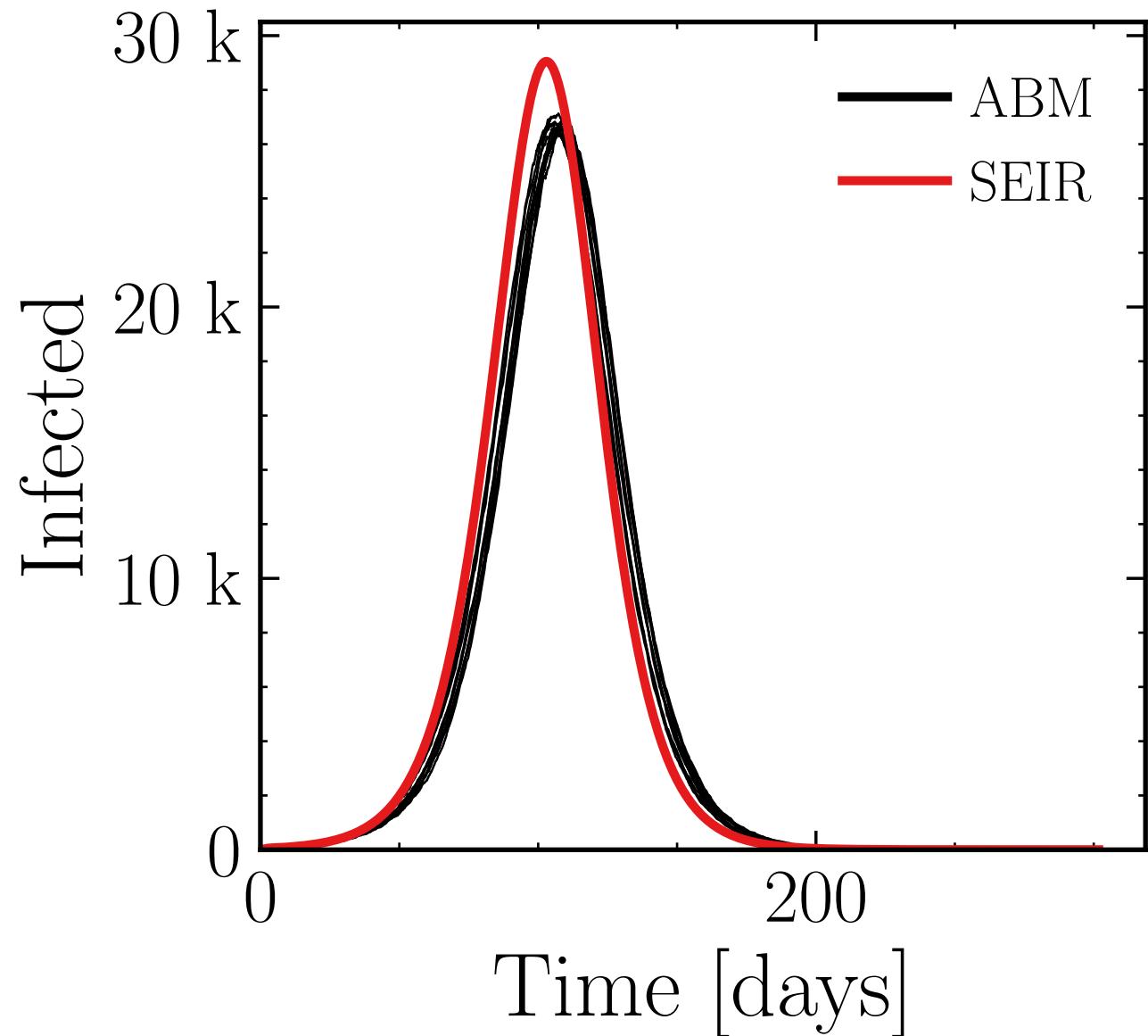
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 15, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.75 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 515b1ef897, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.073\%) \cdot 10^3$



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

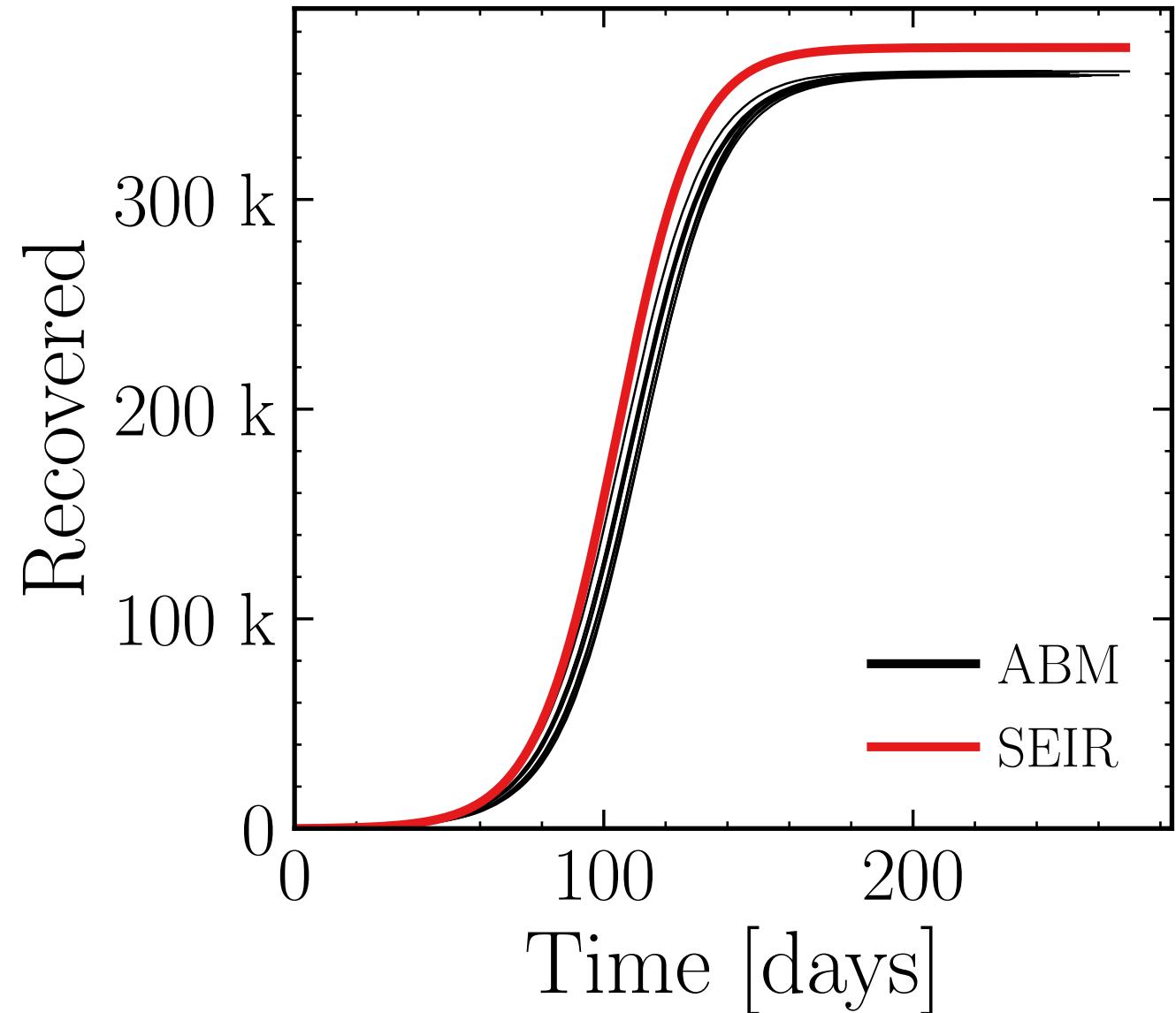
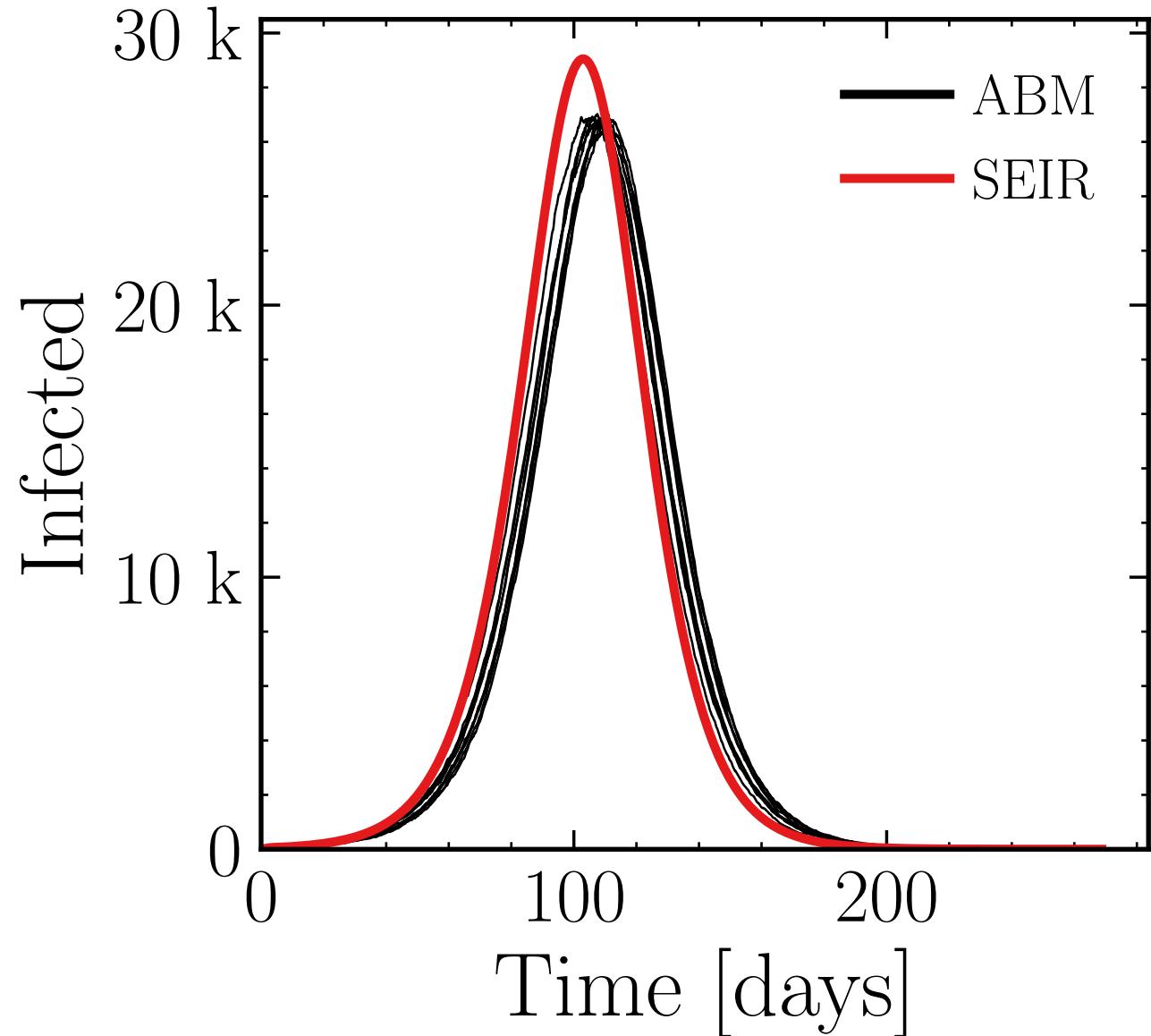
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.77 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 901bf867d4, #10

$R_{\infty}^{\text{ABM}} = (360 \pm 0.075\%) \cdot 10^3$



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

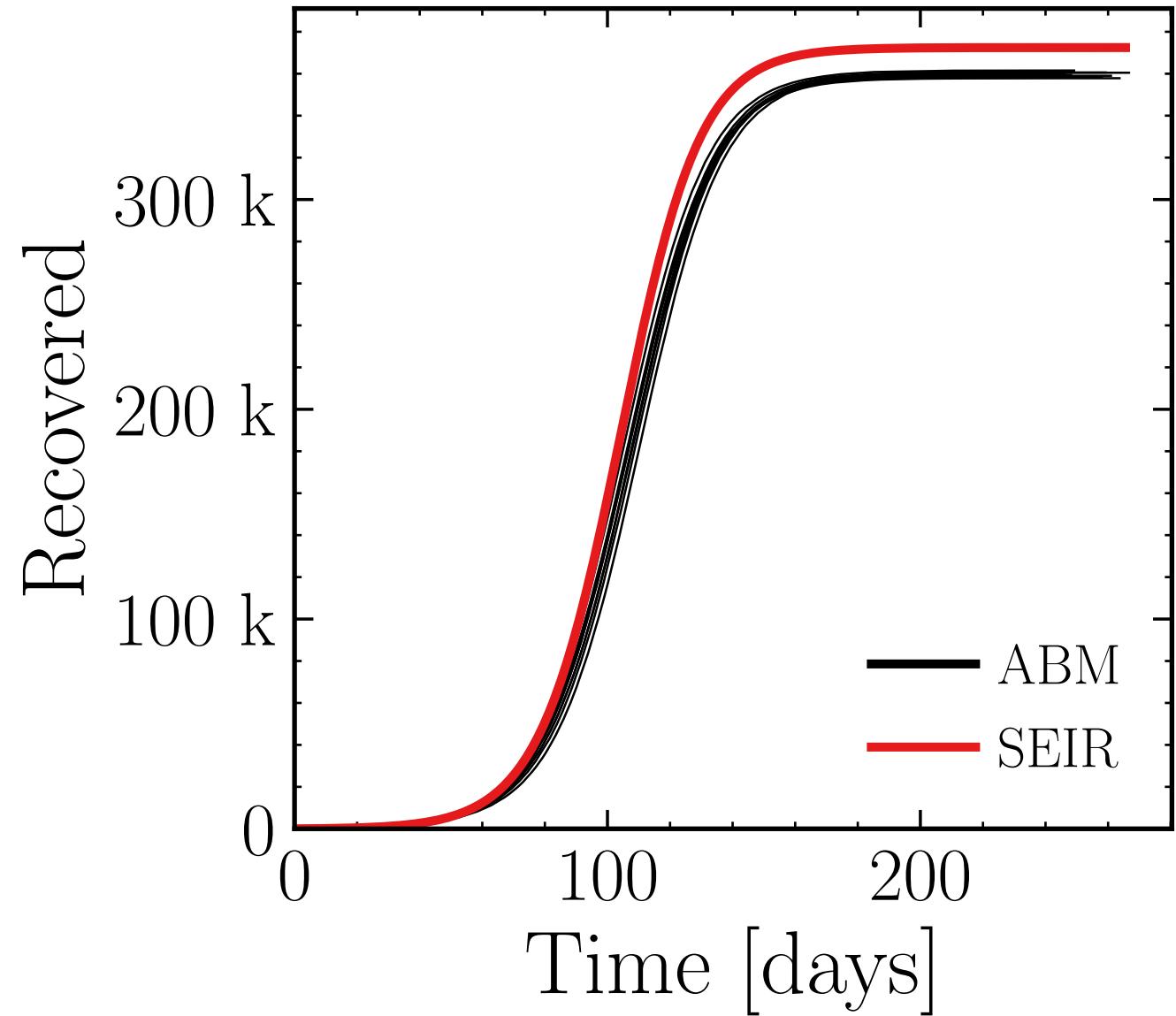
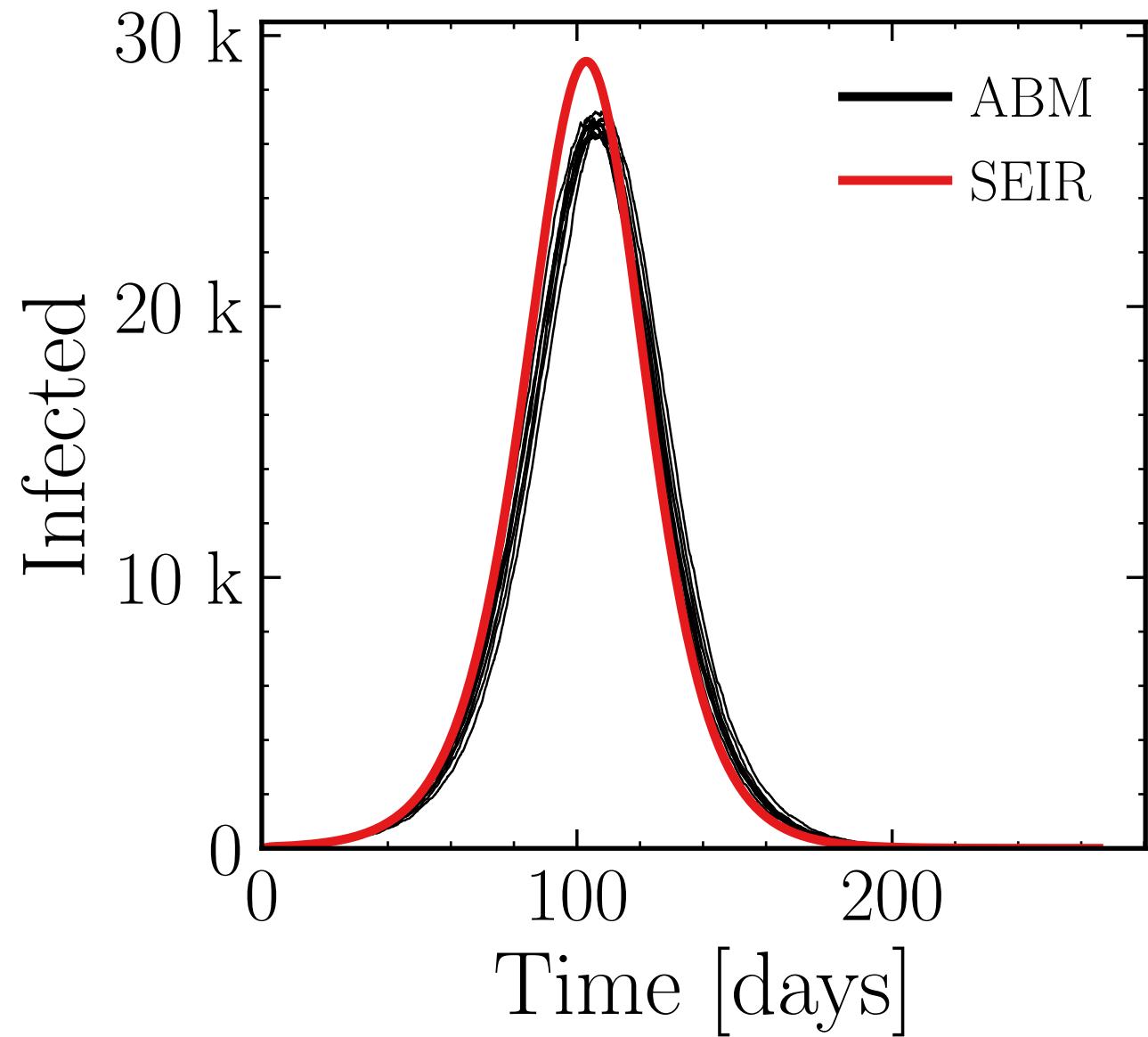
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 30, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.81 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = ac675fa1d8, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.091\%) \cdot 10^3$



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

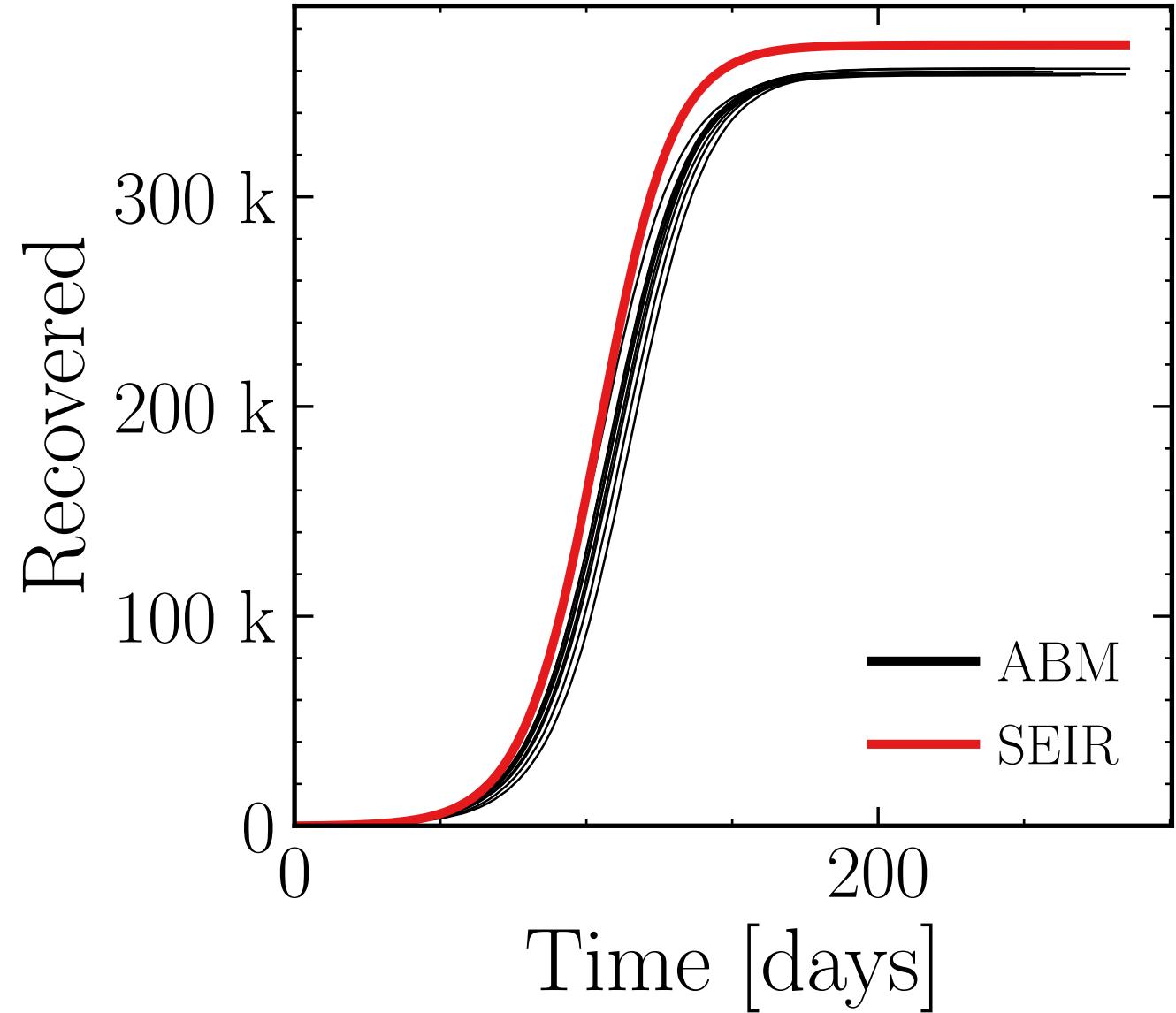
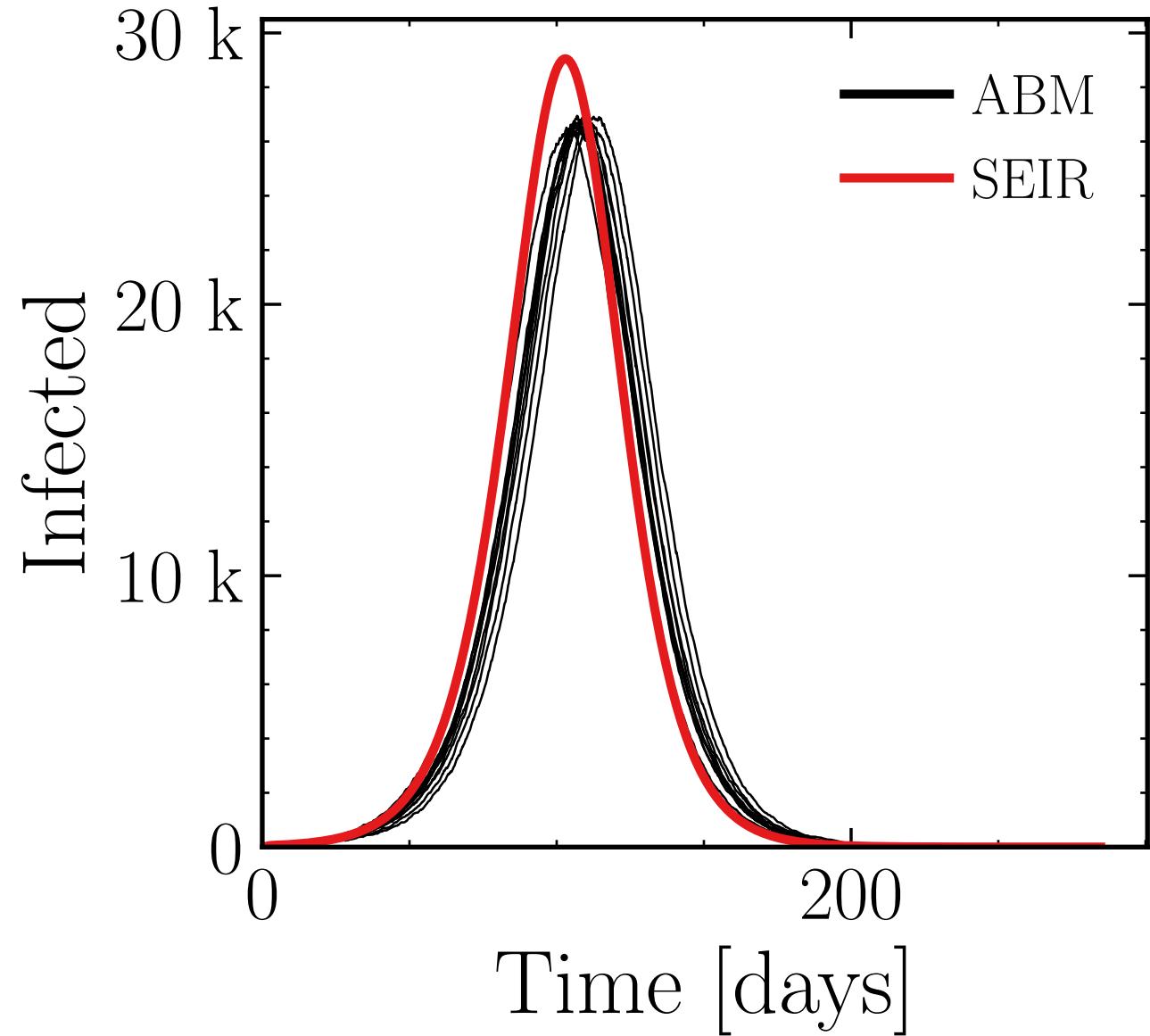
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 40, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.71 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = d40876aa7b, #10

$R_{\infty}^{\text{ABM}} = (359.5 \pm 0.09\%) \cdot 10^3$



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

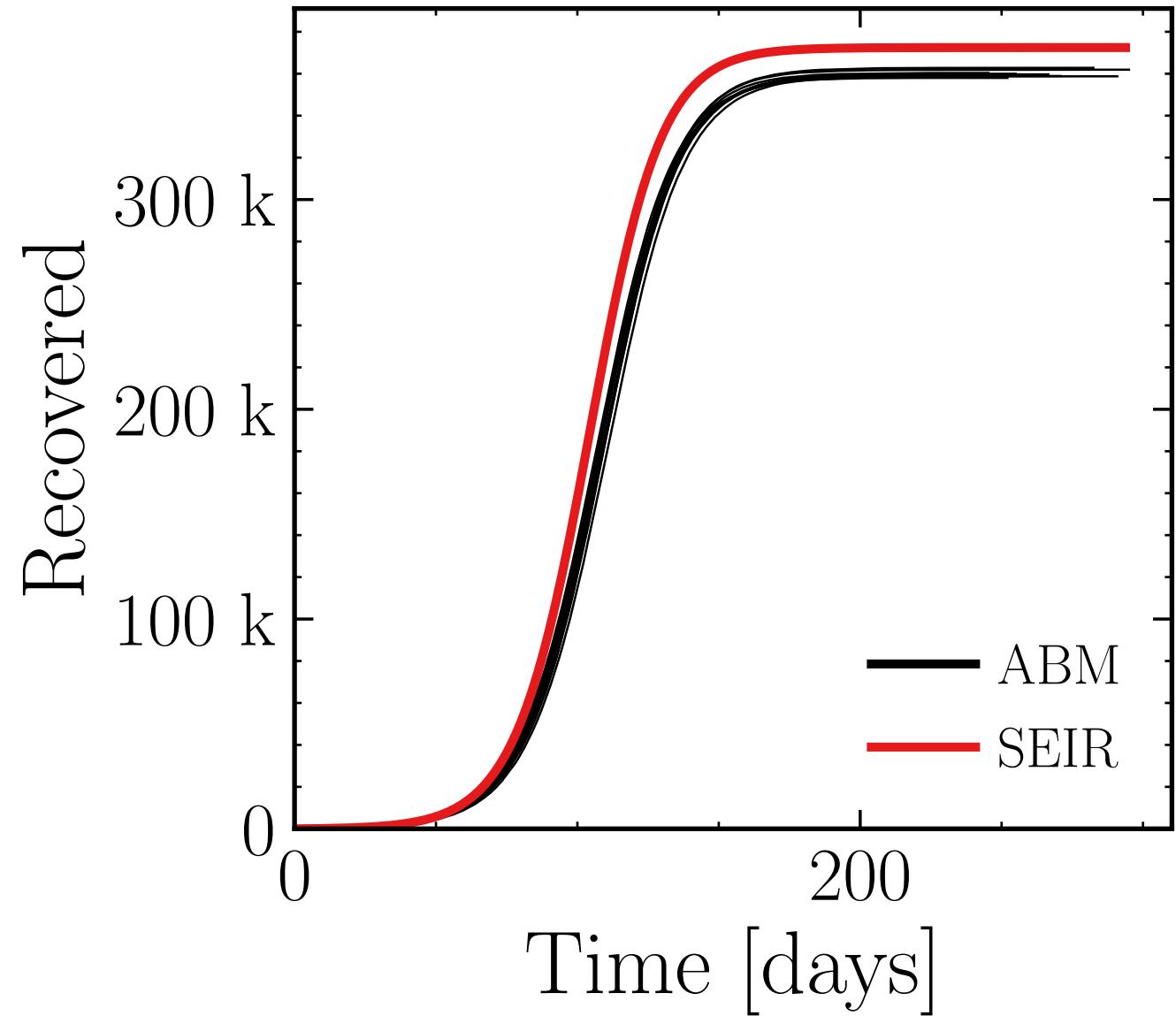
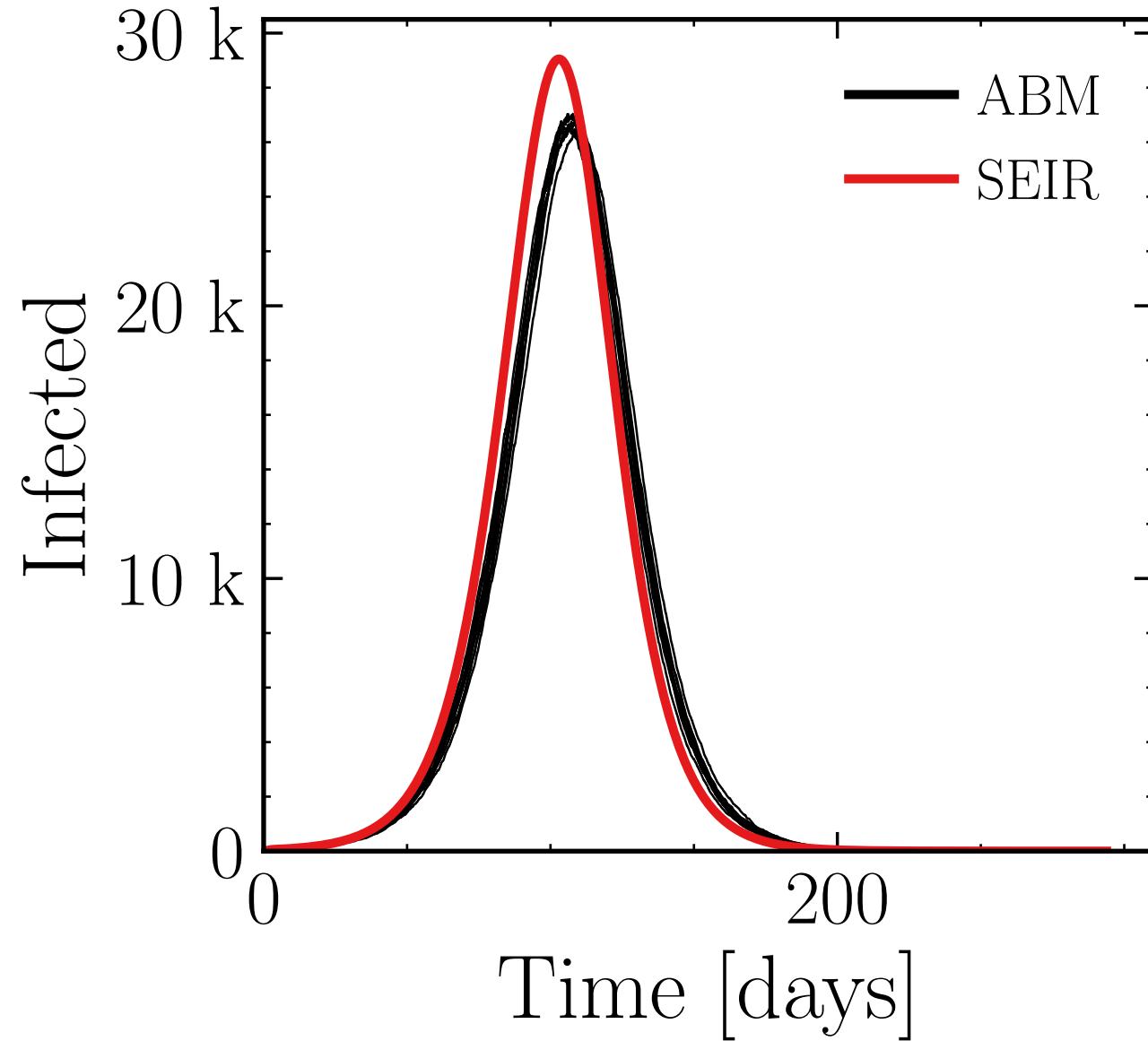
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.74 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = 1fa0c599dd, #10

$R_{\infty}^{\text{ABM}} = (359.8 \pm 0.13\%) \cdot 10^3$



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

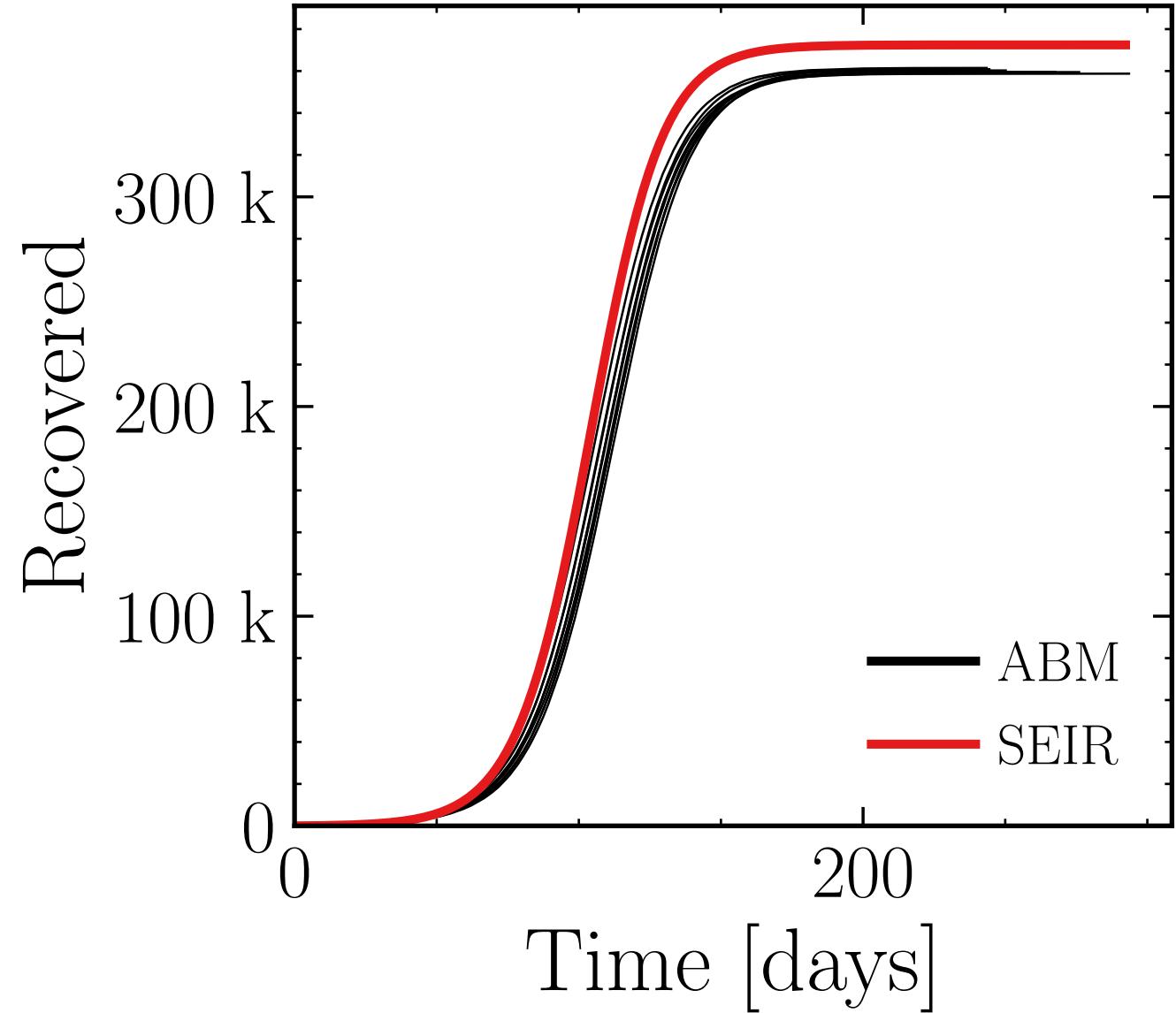
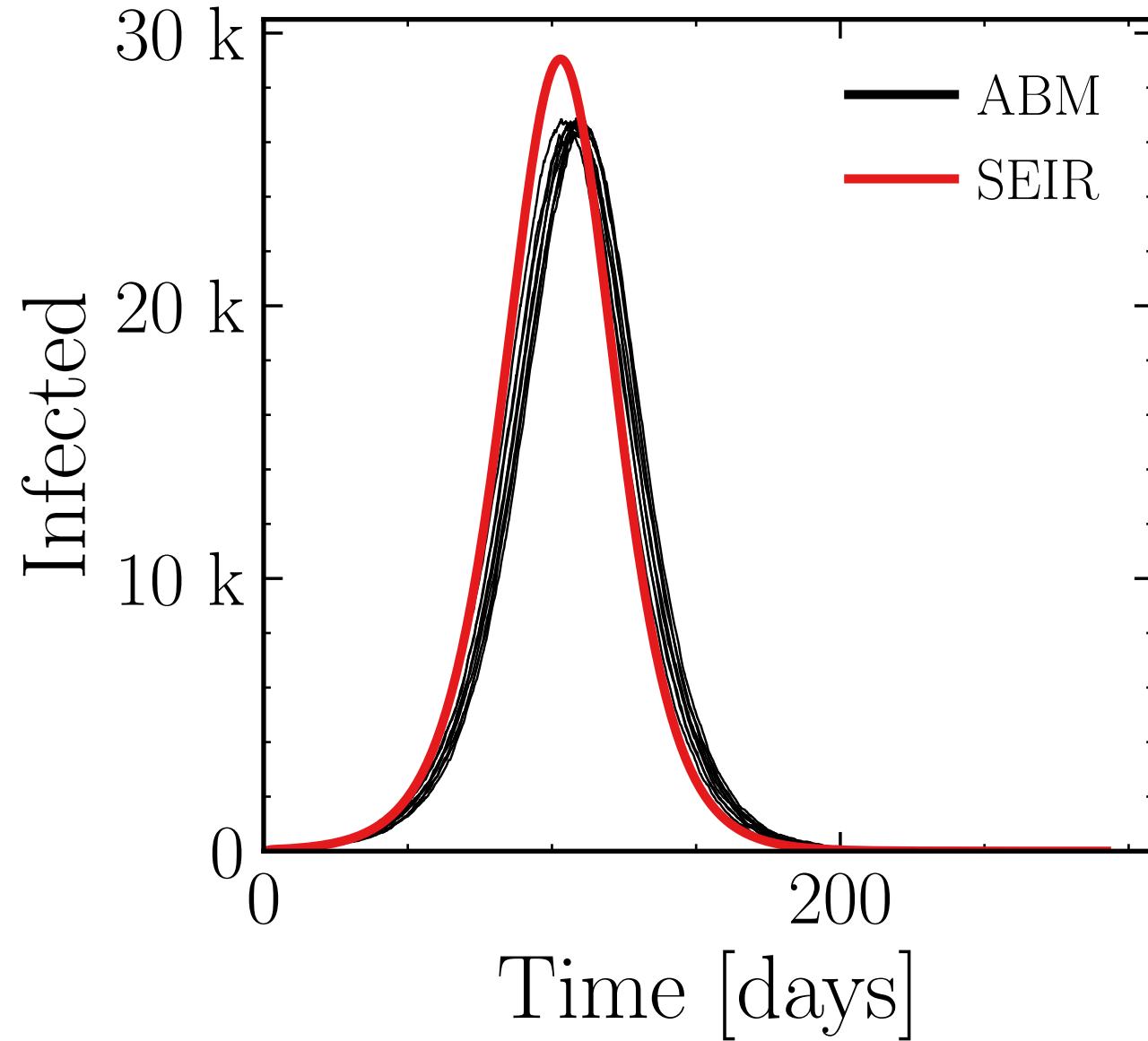
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 75, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.68 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = c0d5661af4, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.077\%) \cdot 10^3$



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

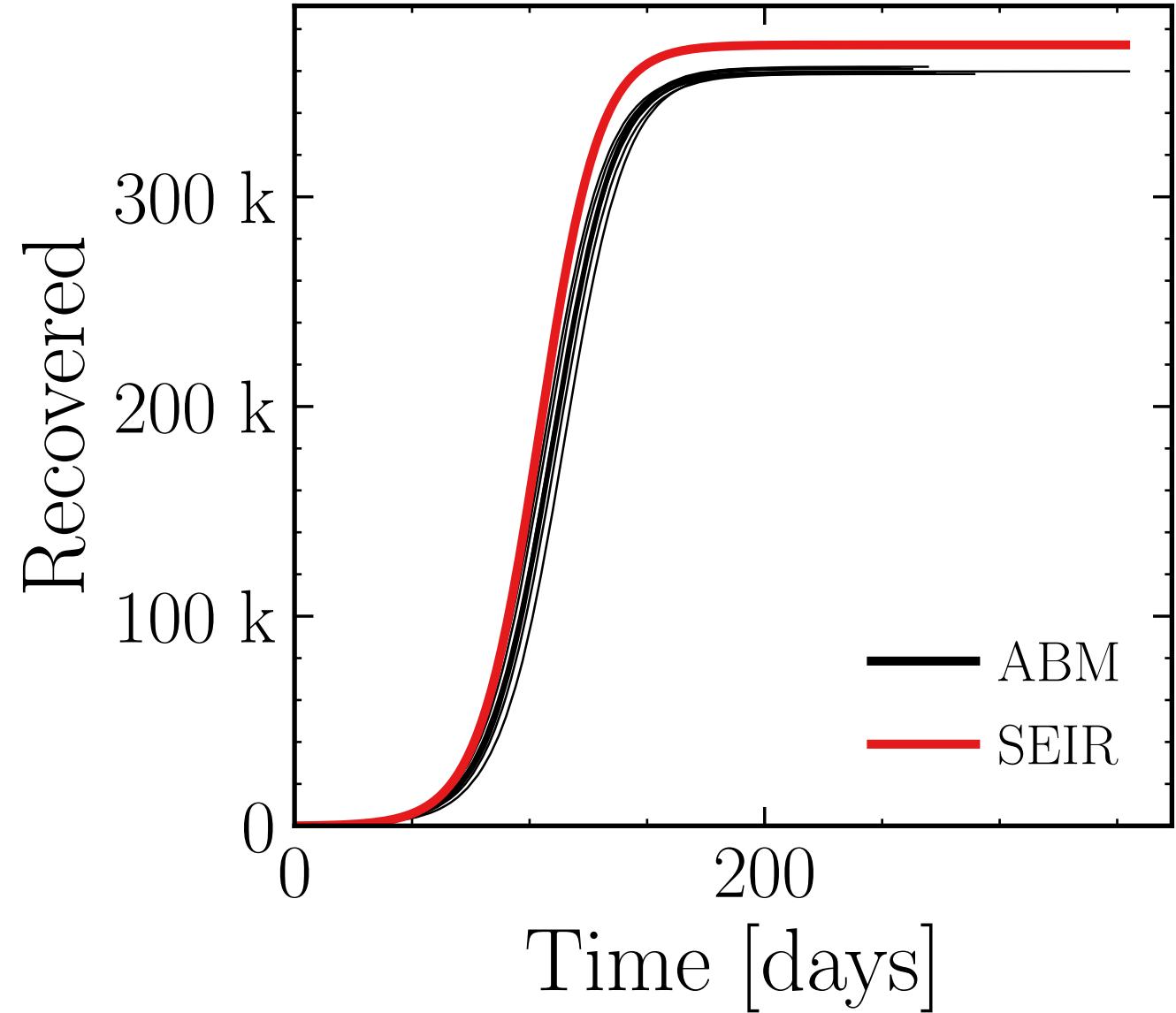
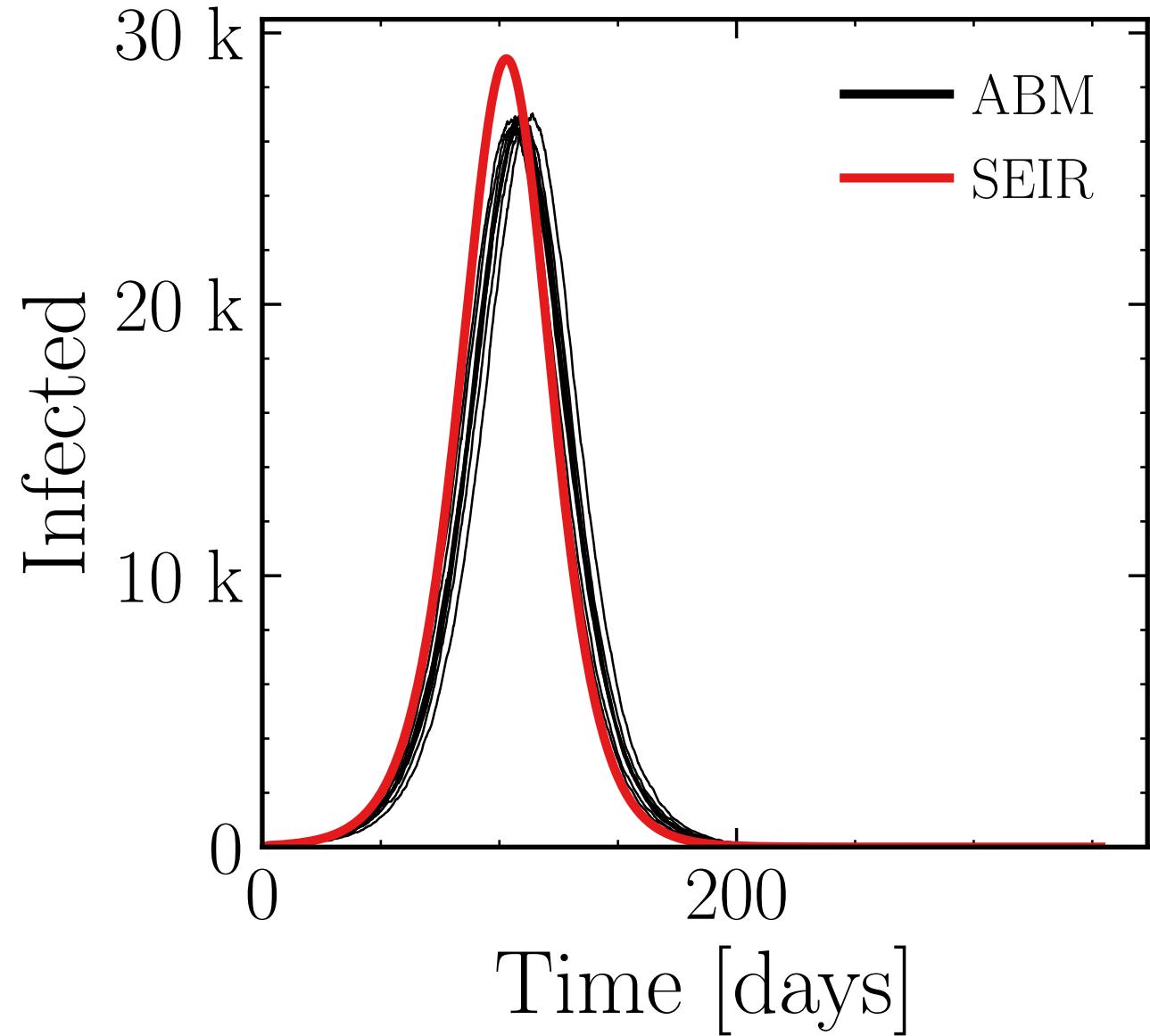
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1$, event_{size_{max}} = 100, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.75 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 23454db16c, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.1\%) \cdot 10^3$



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

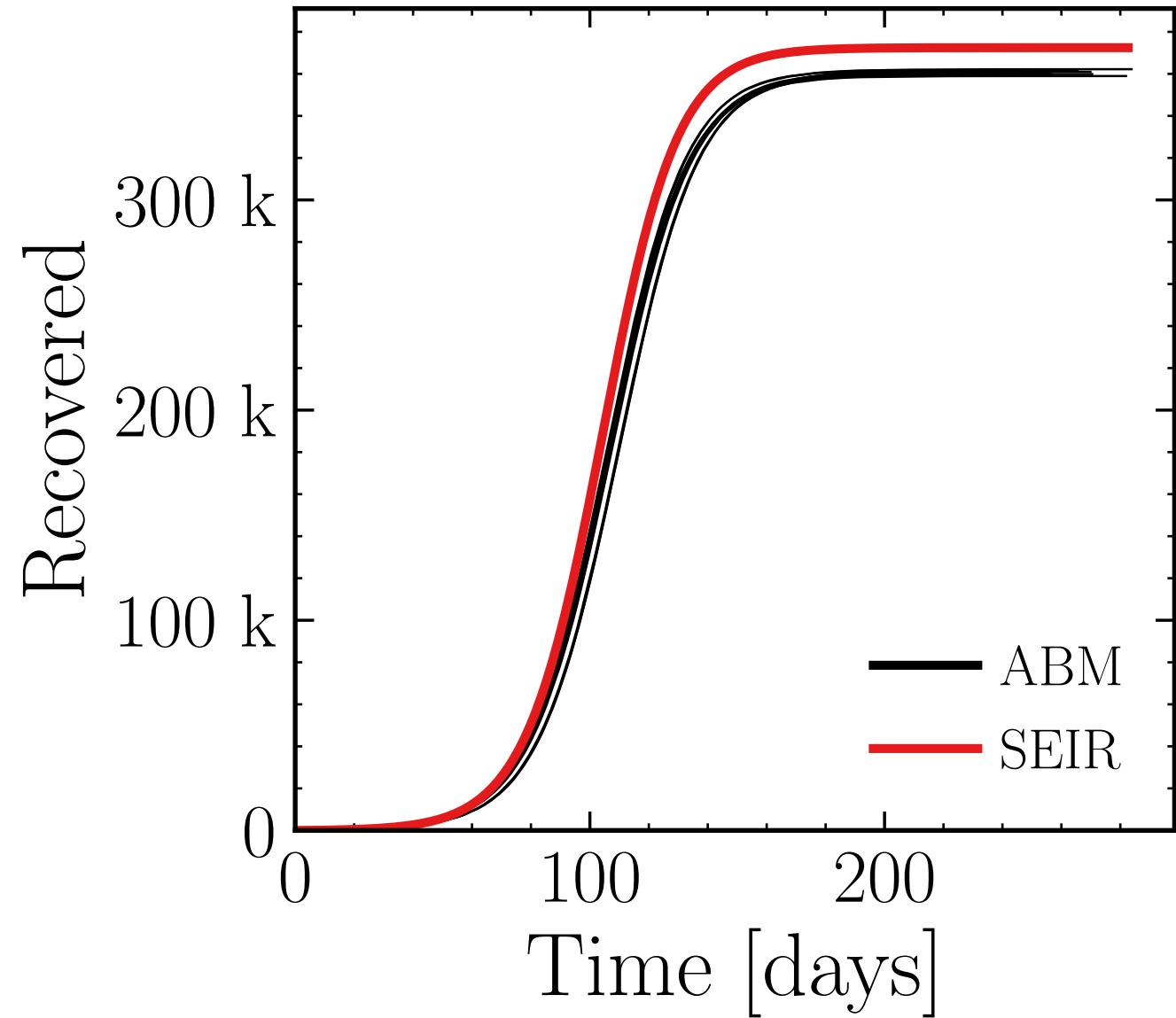
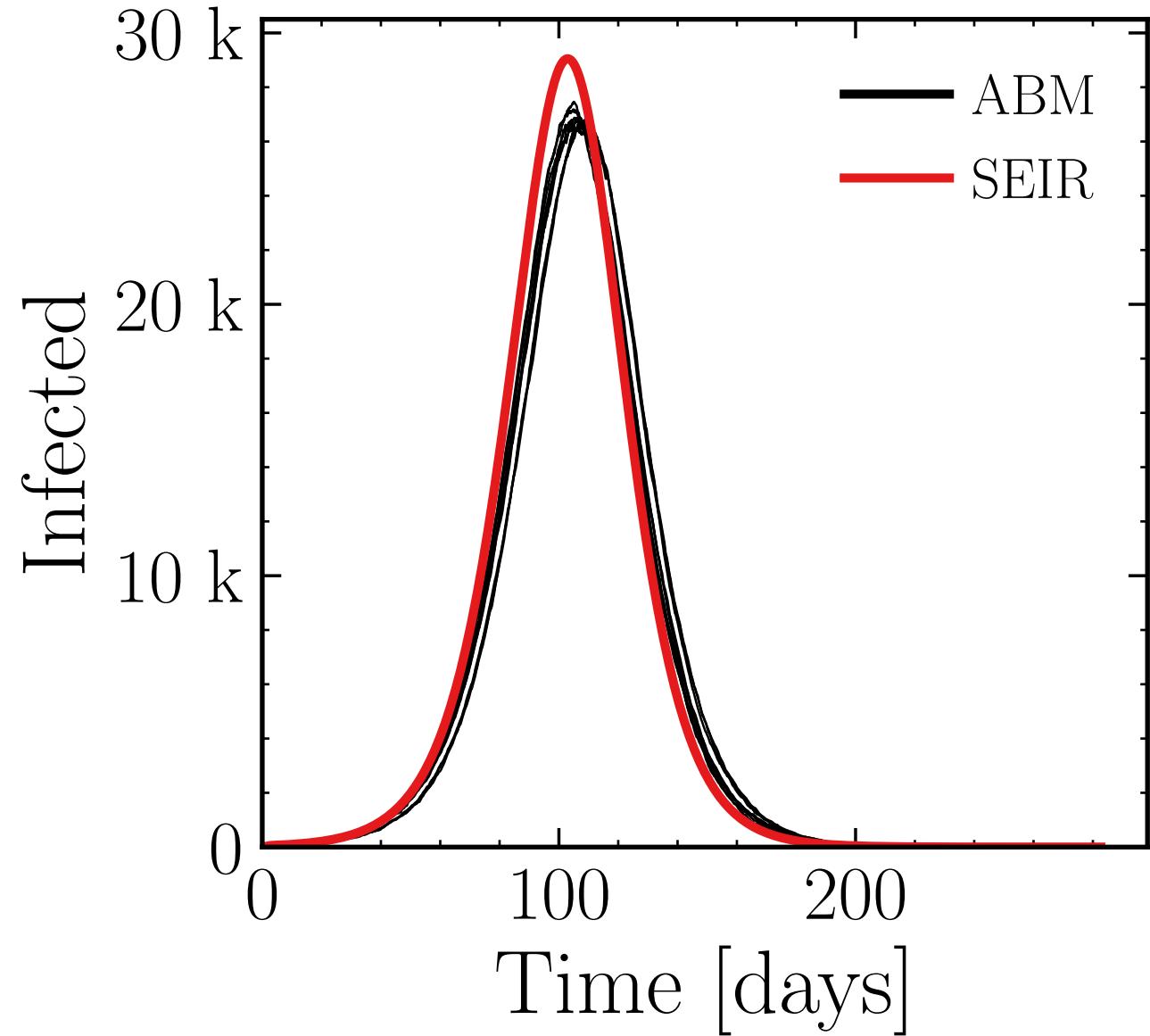
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.85 \pm 0.32\%) \cdot 10^3$

v. = 1.0, hash = a19e70827a, #10

$R_{\infty}^{\text{ABM}} = (360.5 \pm 0.086\%) \cdot 10^3$



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

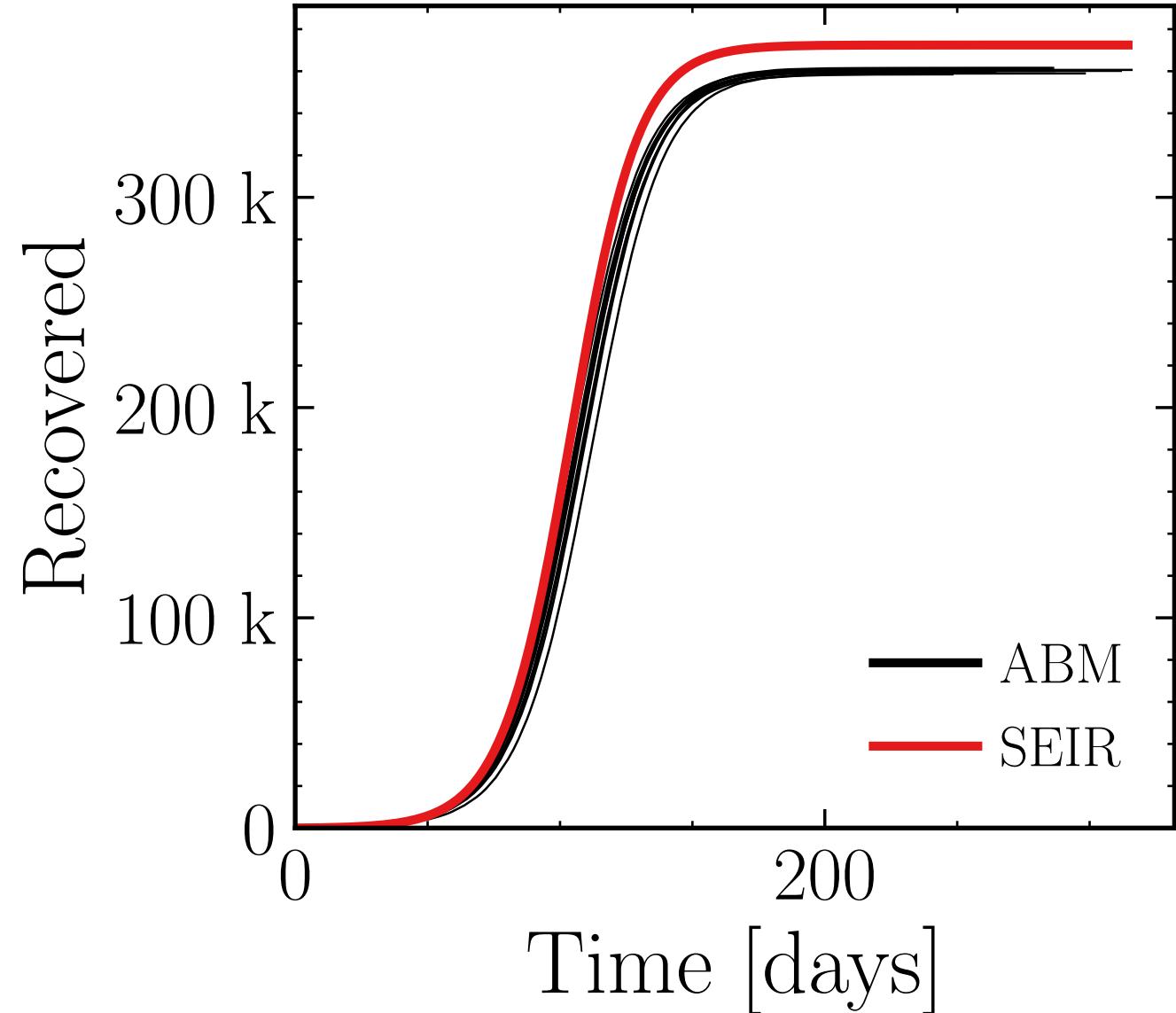
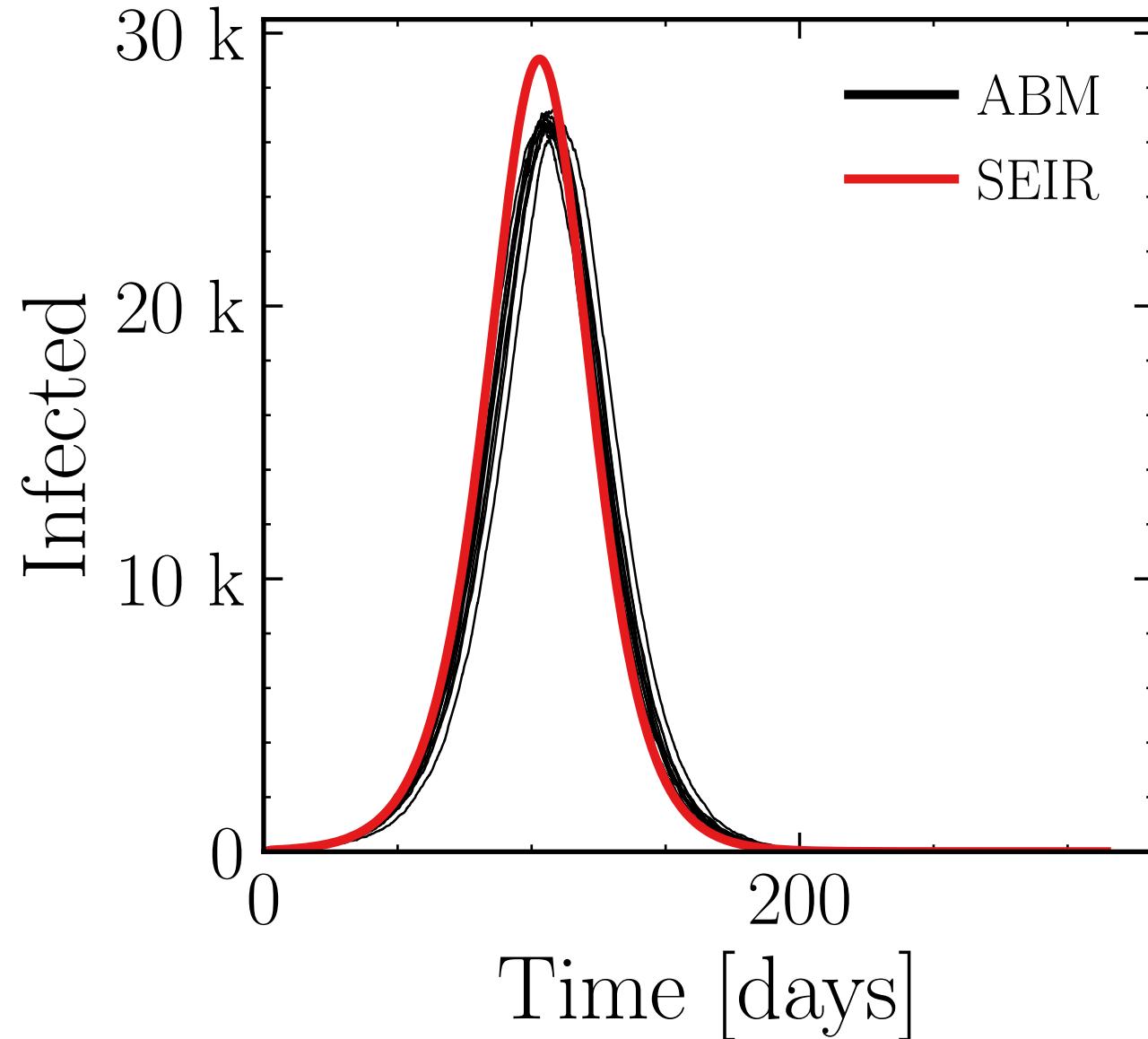
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 1, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.81 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = f4b4c745b2, #10

$R_{\infty}^{\text{ABM}} = (360.1 \pm 0.082\%) \cdot 10^3$



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

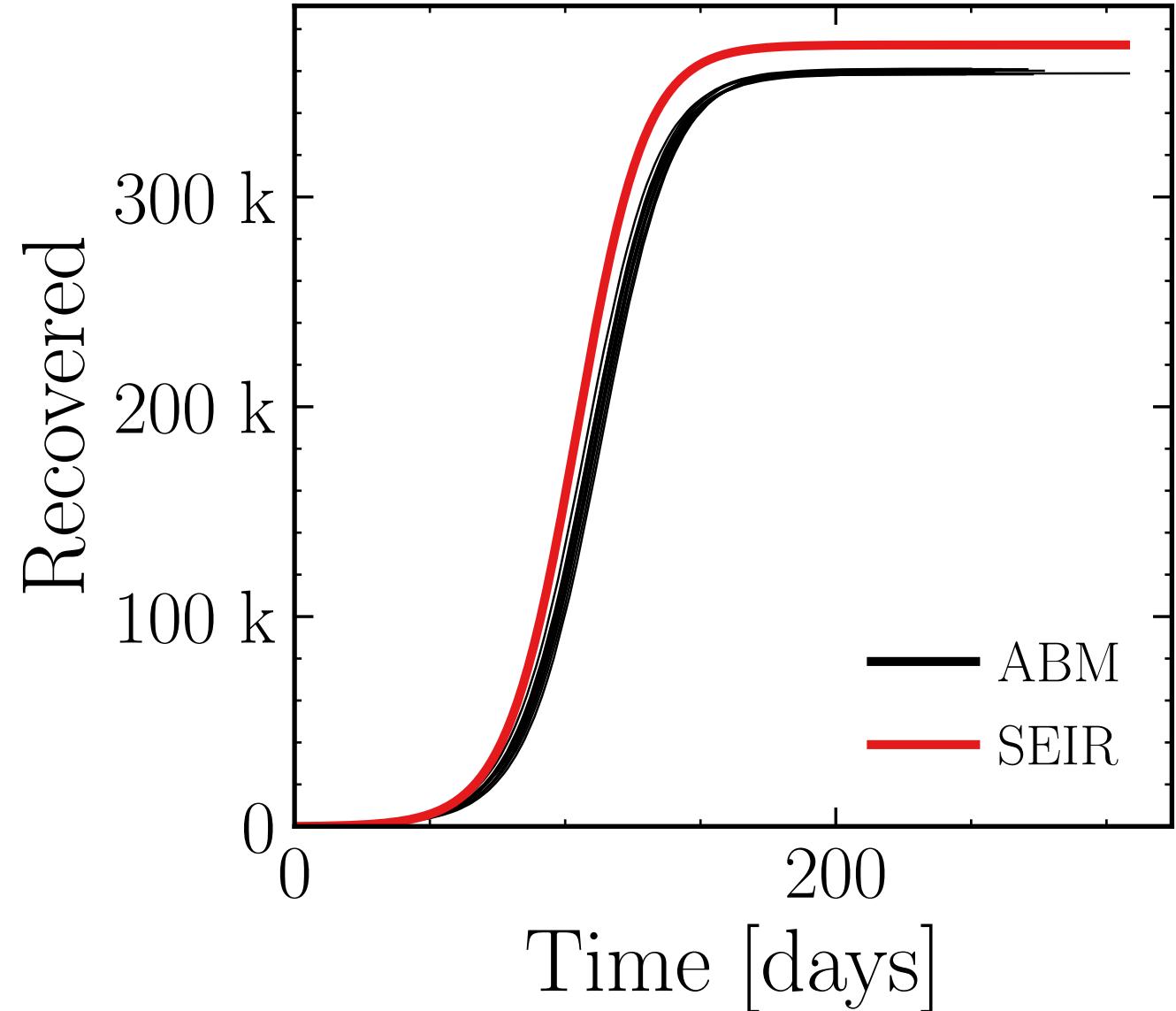
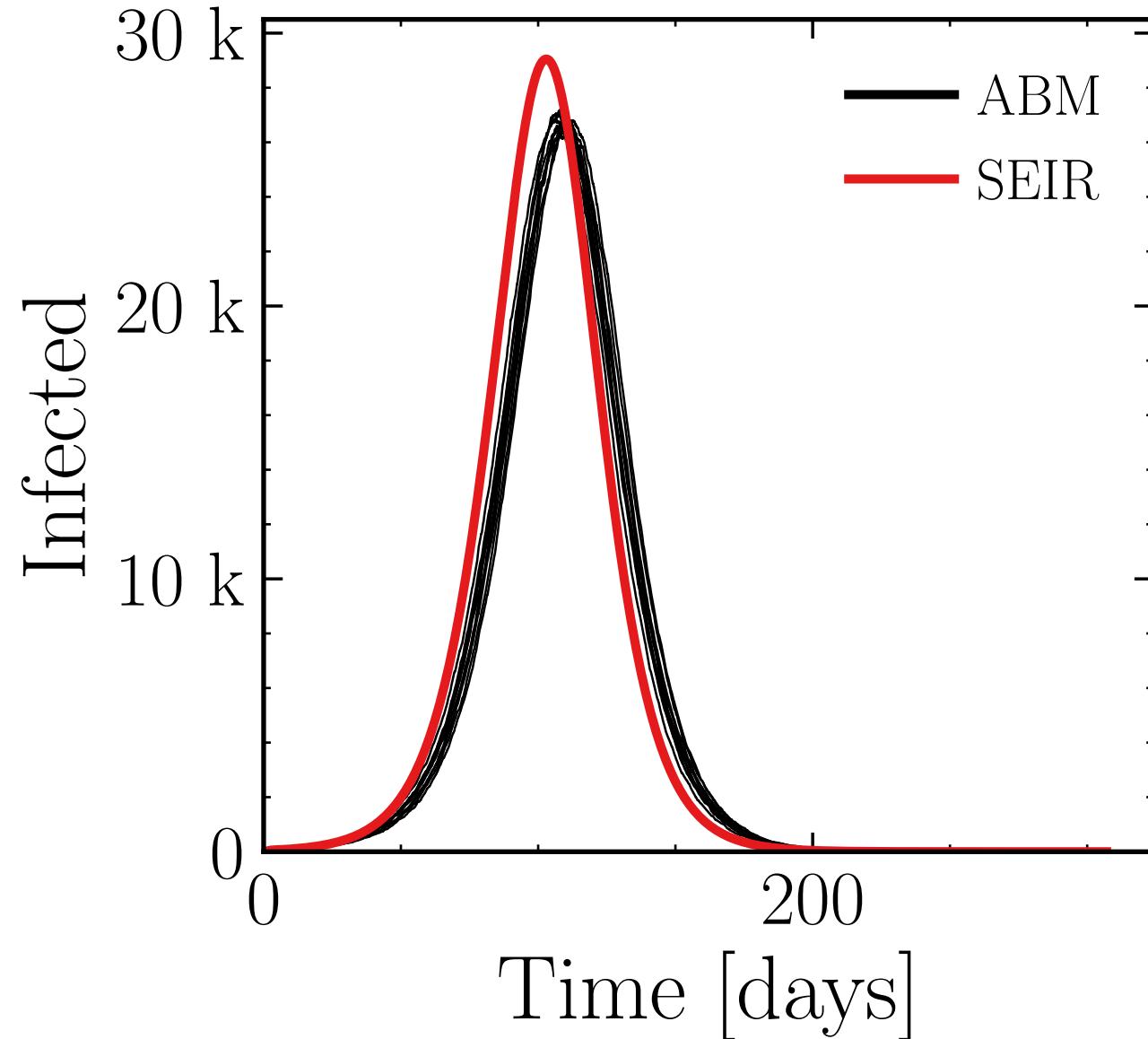
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 2, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.76 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 31e398dbda, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.084\%) \cdot 10^3$



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

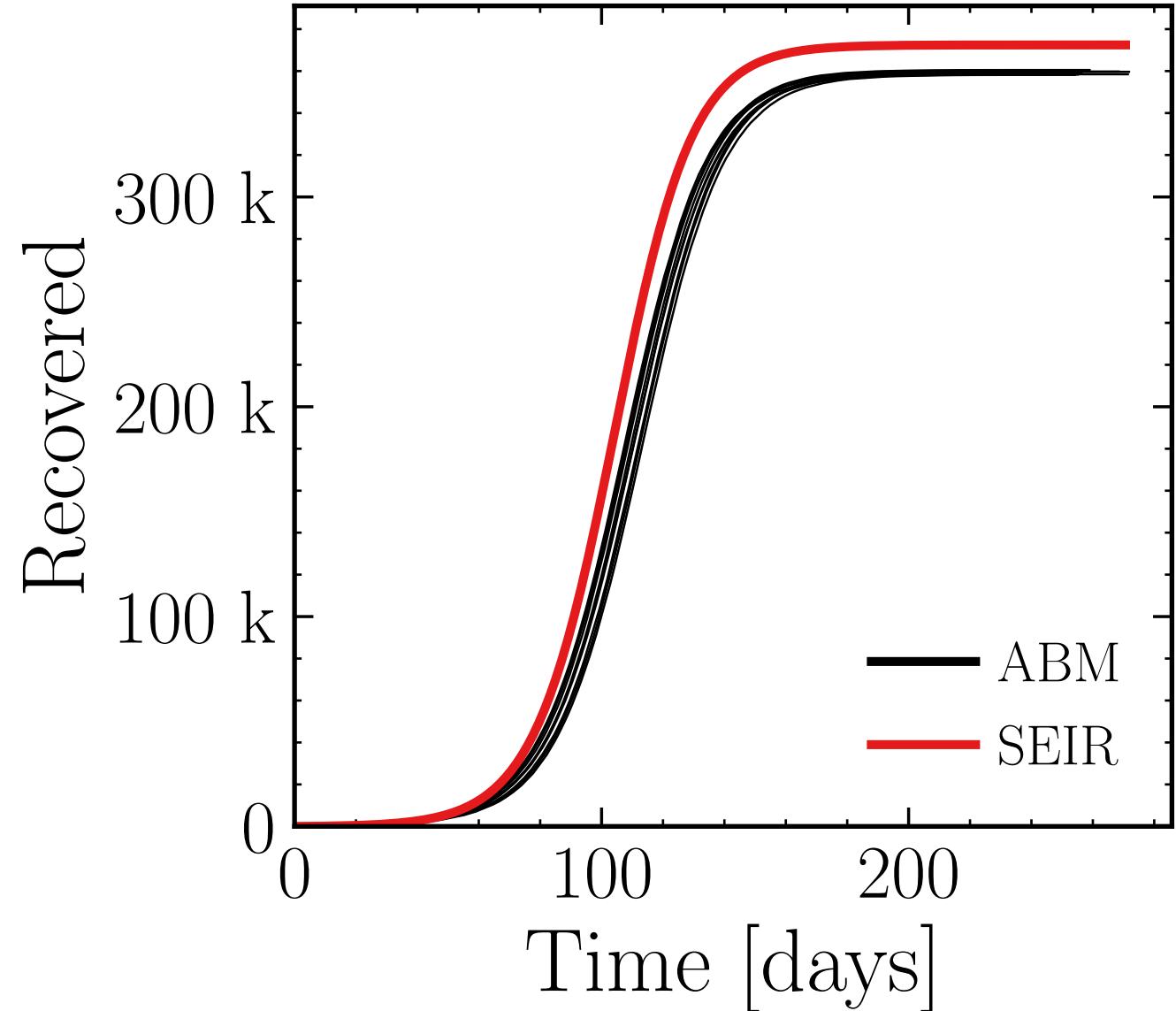
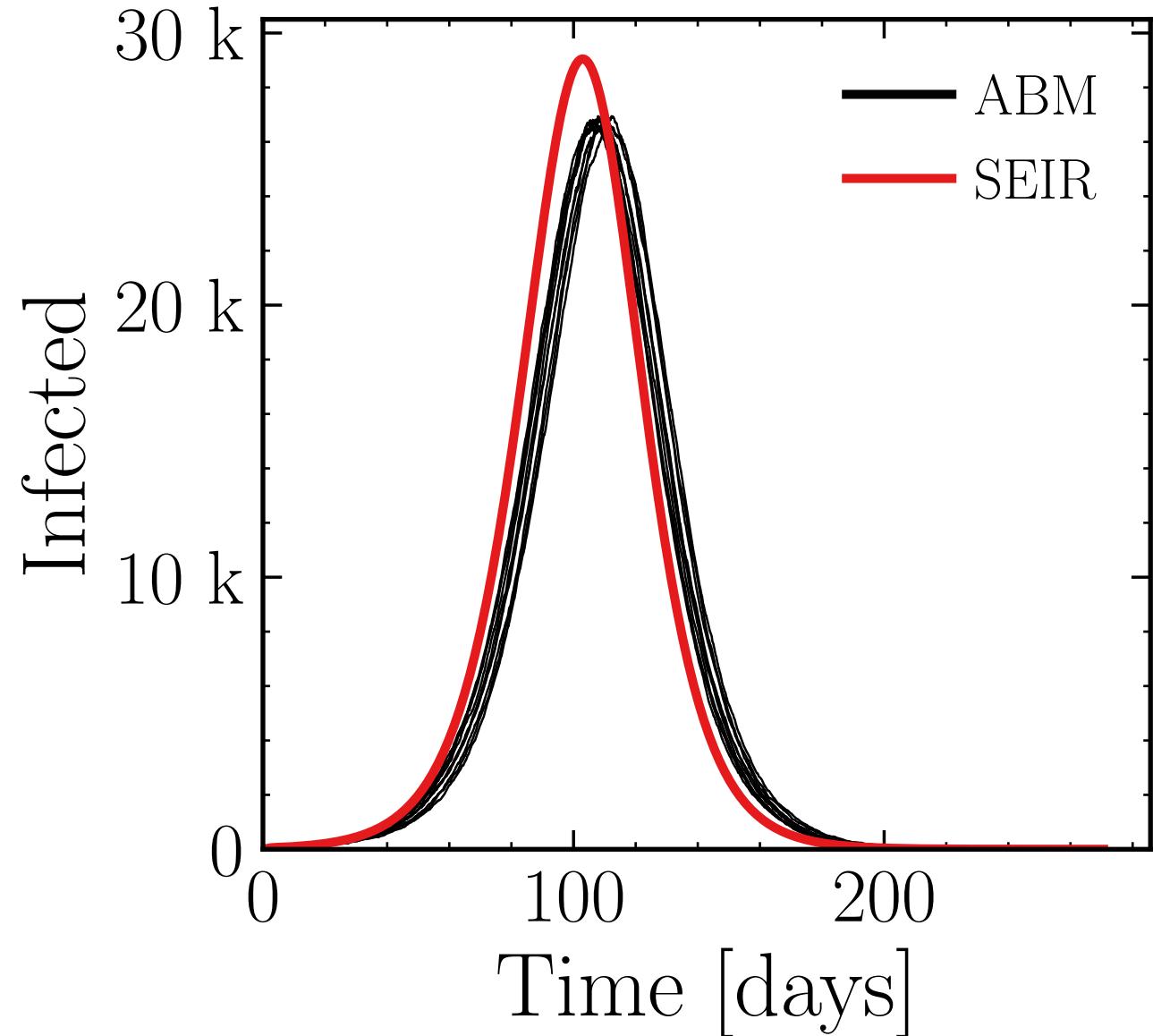
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 3, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.72 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 29ee1b2d7e, #10

$R_{\infty}^{\text{ABM}} = (359.2 \pm 0.072\%) \cdot 10^3$



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

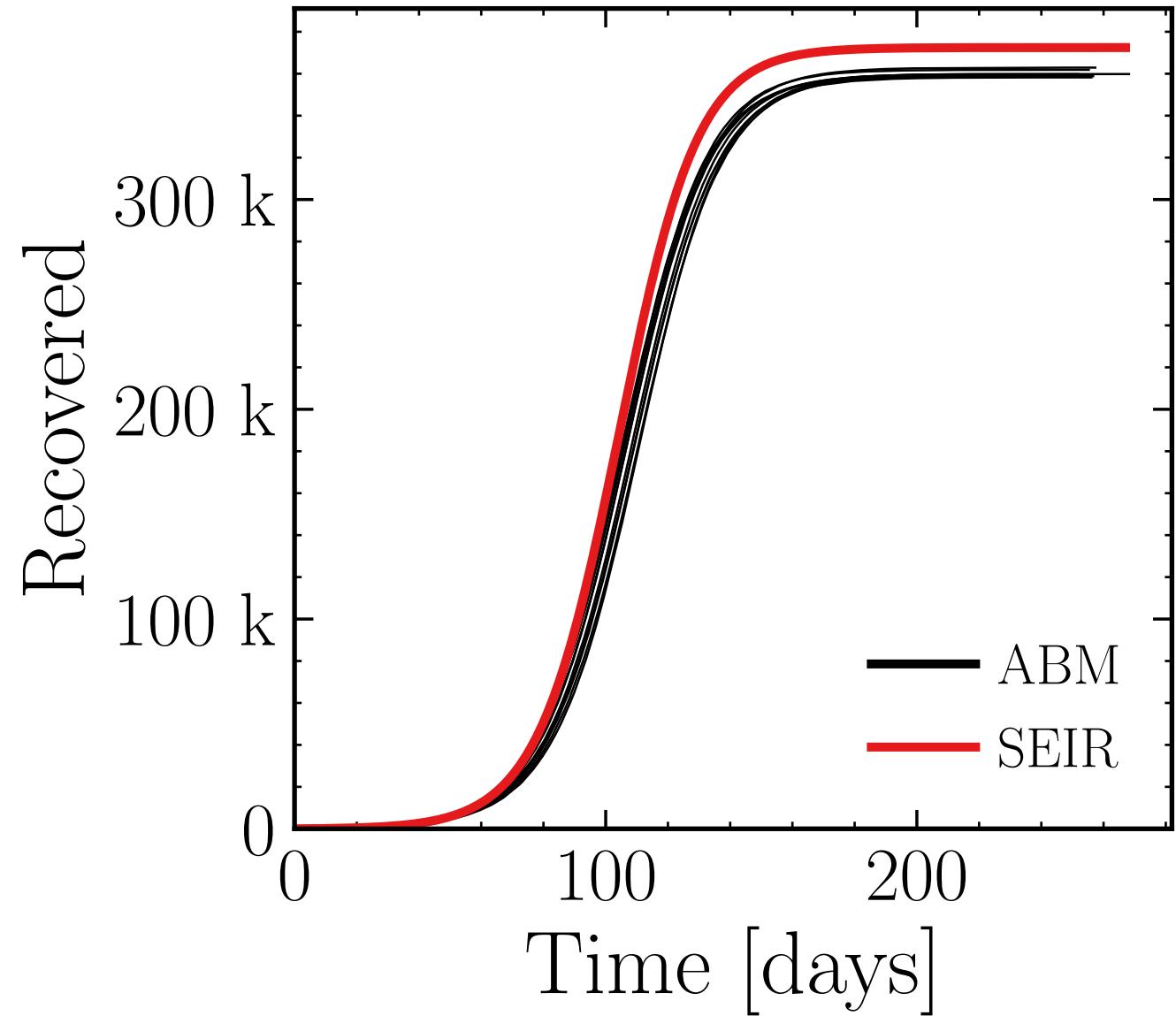
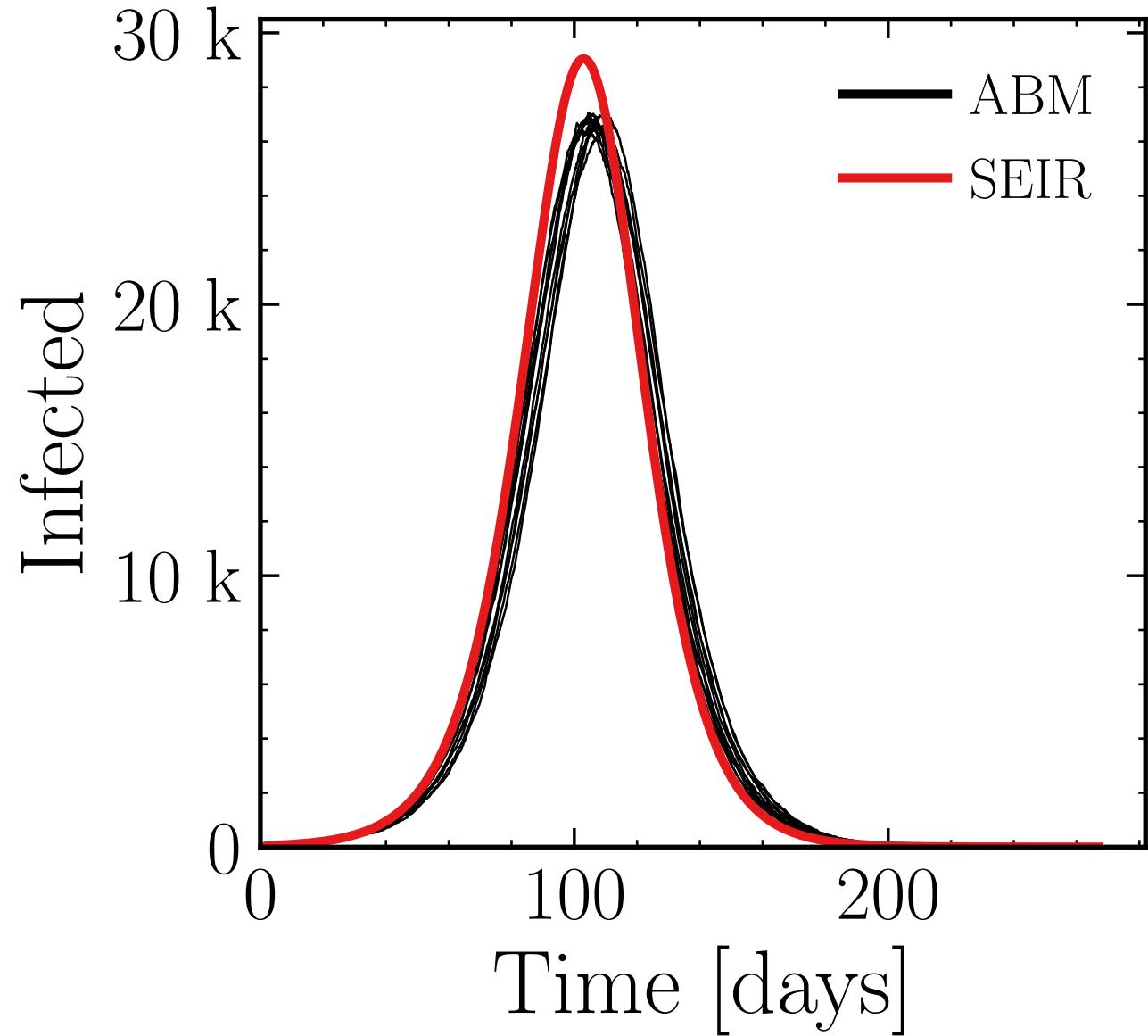
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 4, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.74 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 56fe03b5a1, #10

$R_\infty^{\text{ABM}} = (359.8 \pm 0.12\%) \cdot 10^3$



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

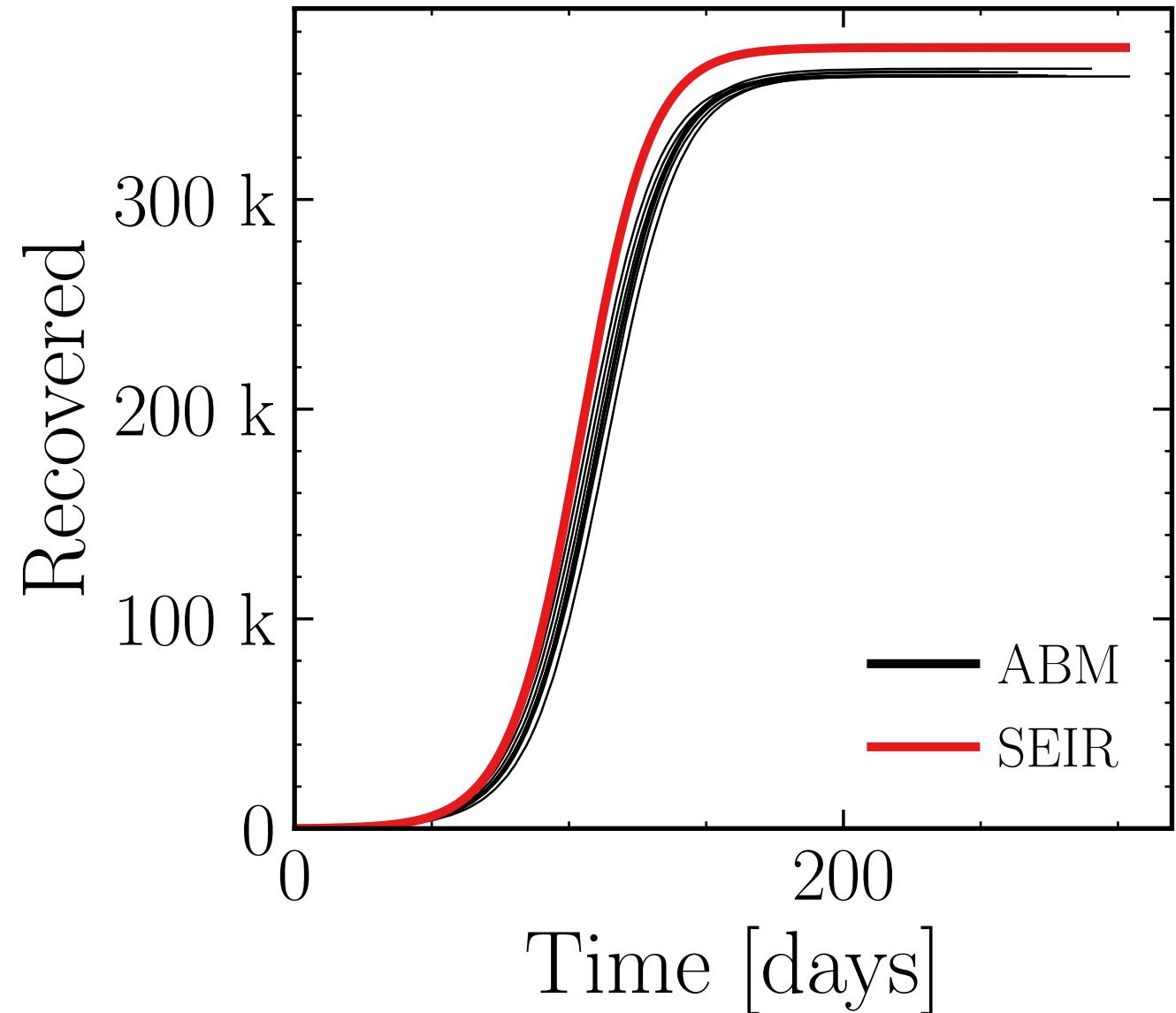
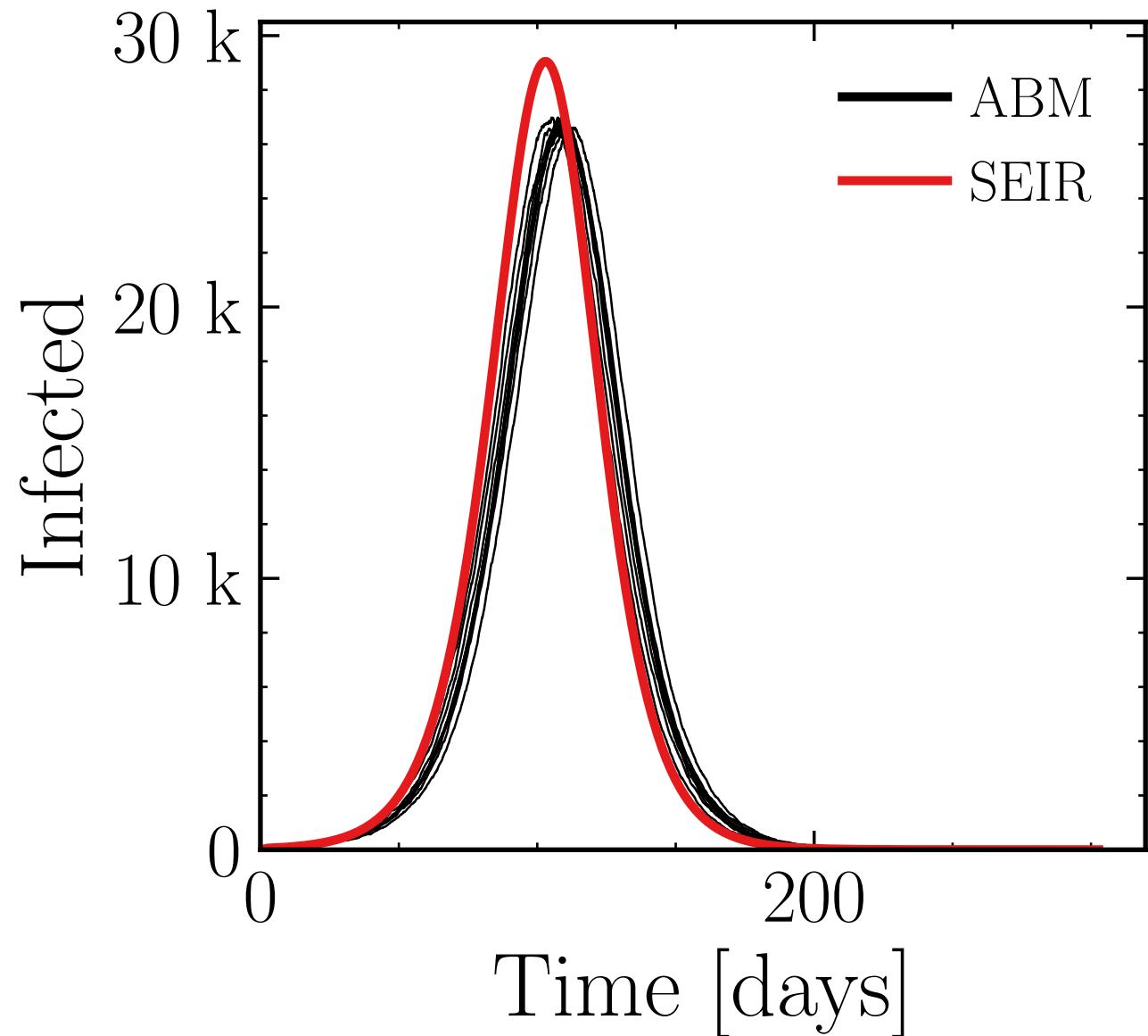
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 5, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.72 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 649f62ea14, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.1\%) \cdot 10^3$



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

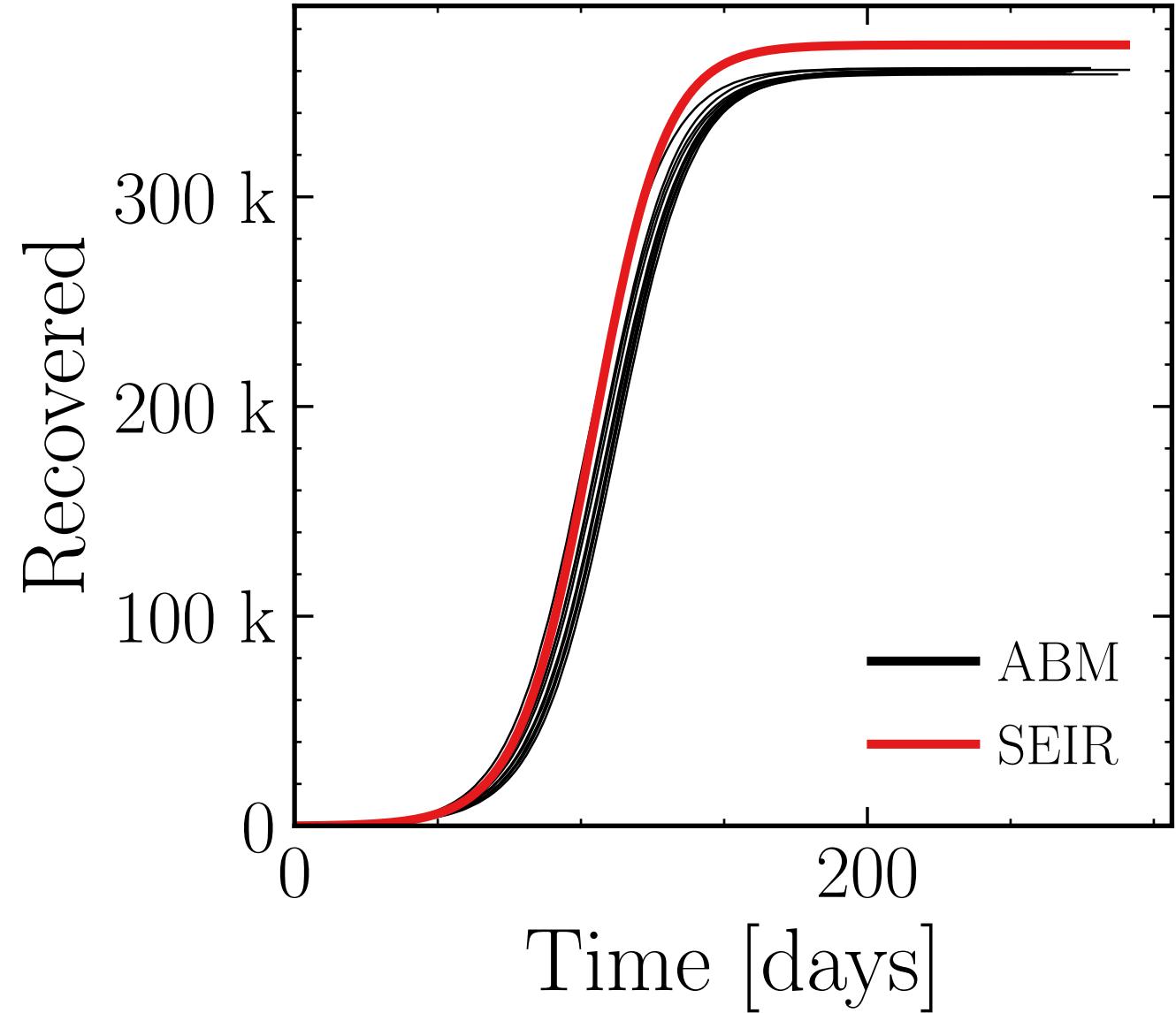
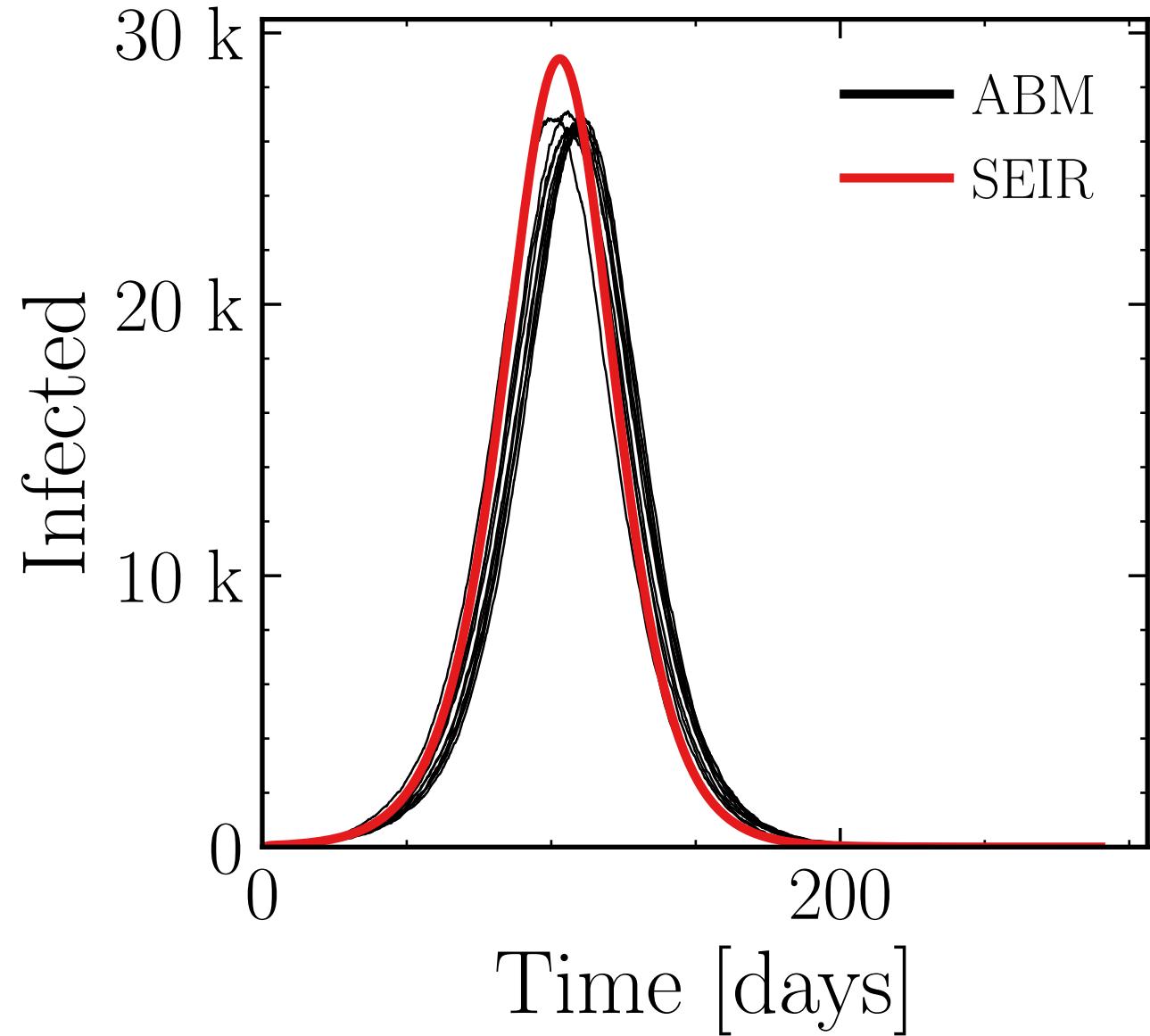
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (26.69 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 6b4b482e7e, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.086\%) \cdot 10^3$



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

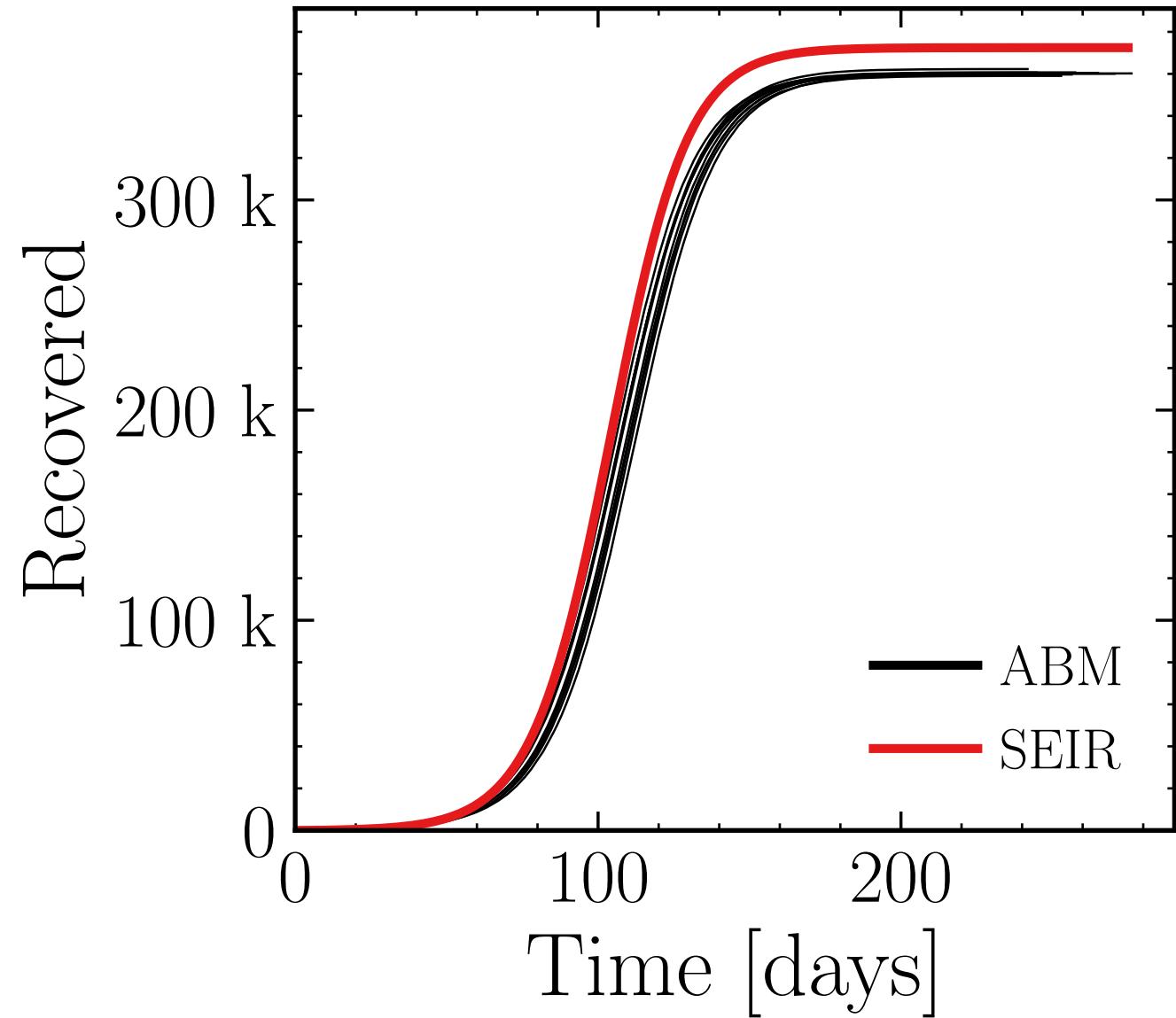
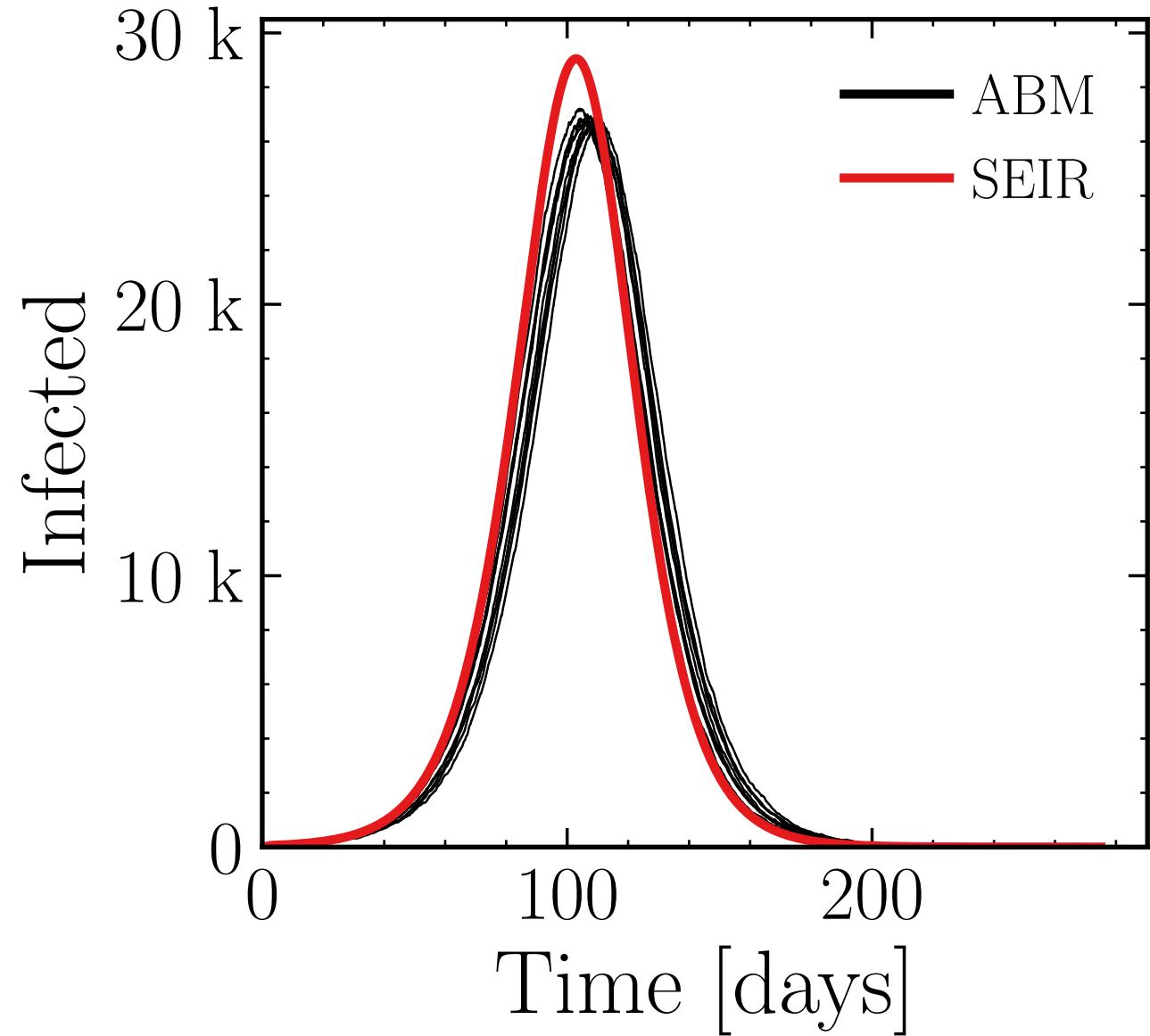
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 15, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.8 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 0f41d8a995, #10

$R_{\infty}^{\text{ABM}} = (360.3 \pm 0.071\%) \cdot 10^3$



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

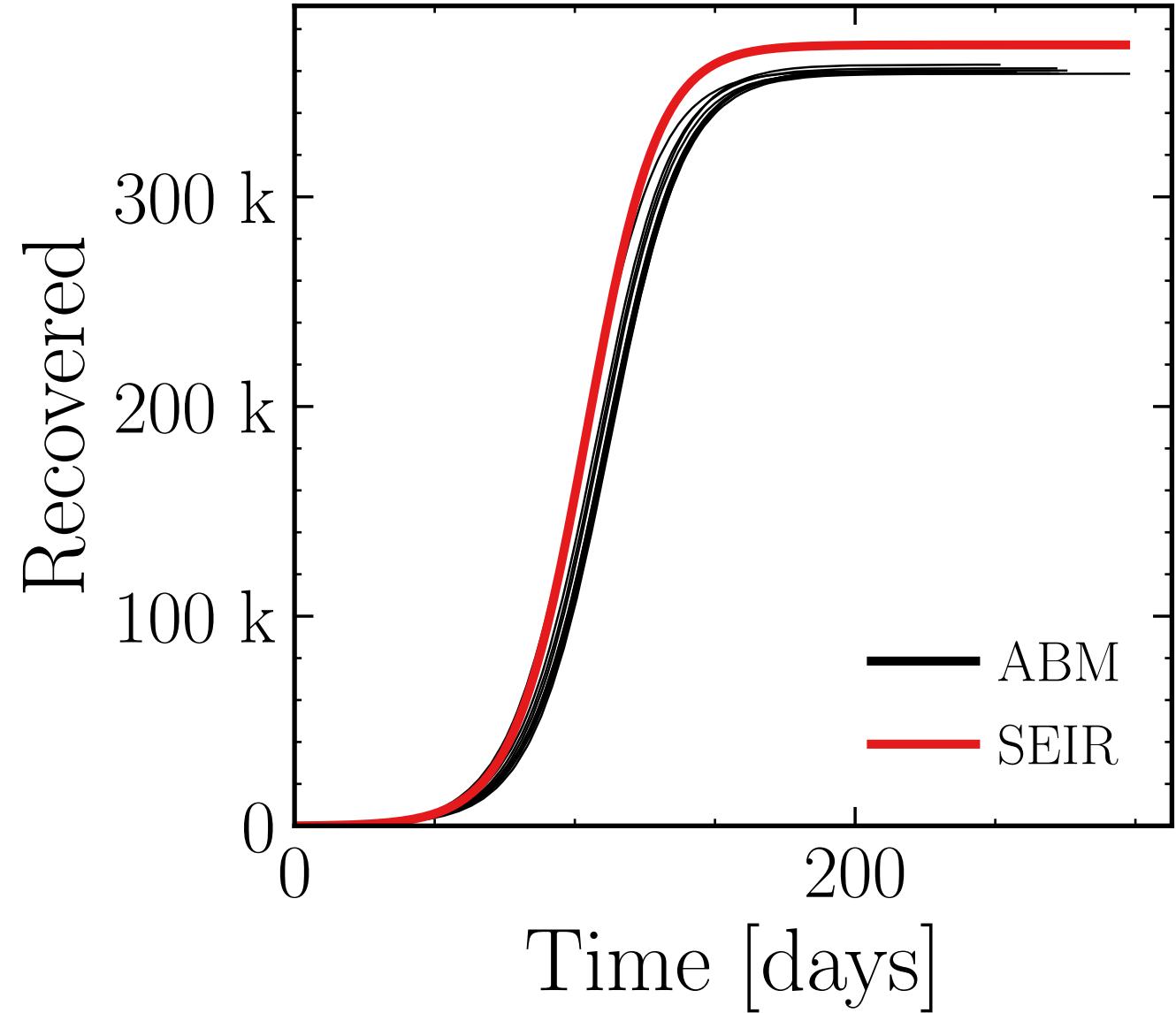
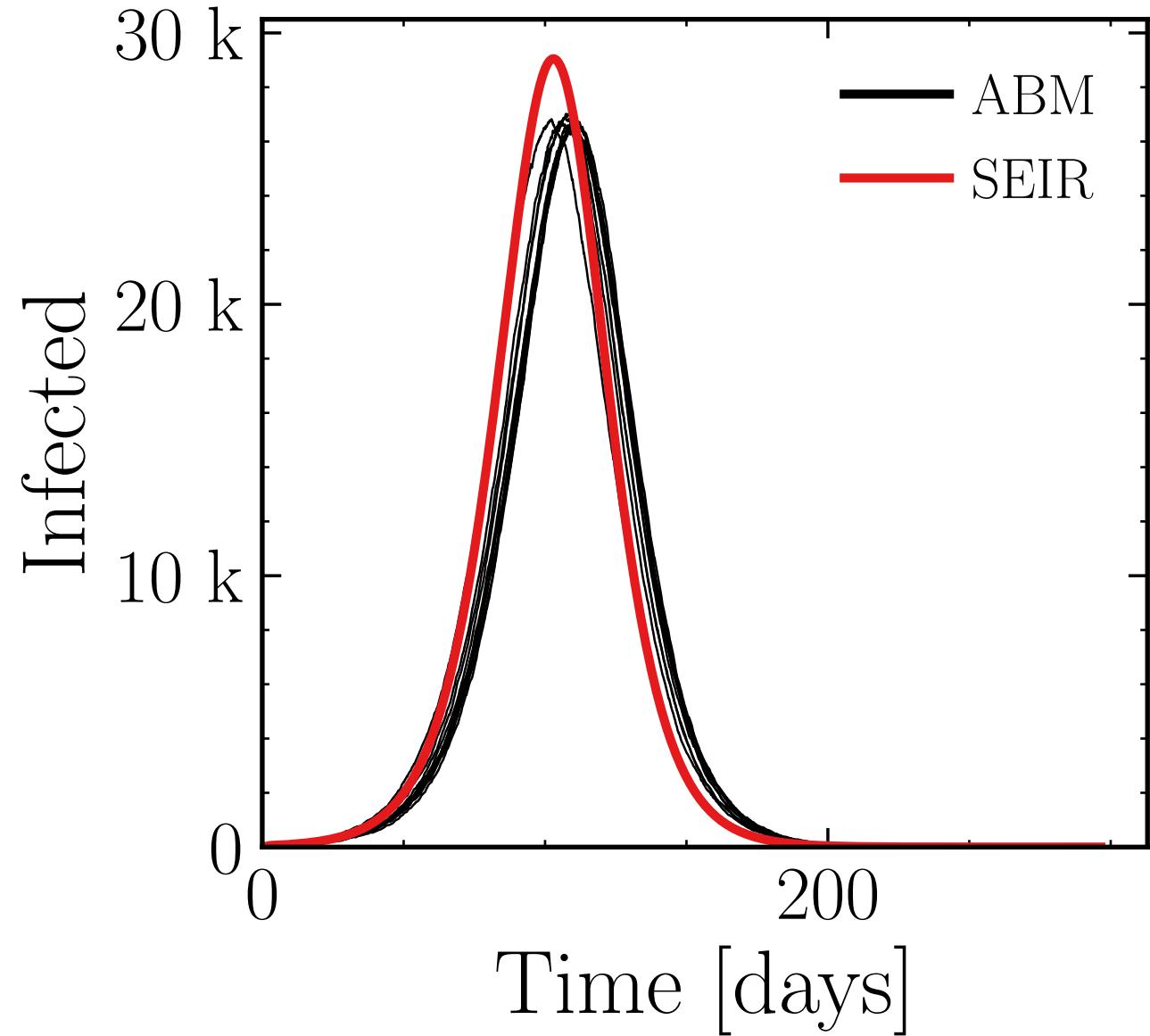
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 20, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.72 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 4cb3b72159, #10

$R_{\infty}^{\text{ABM}} = (360.1 \pm 0.1\%) \cdot 10^3$



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

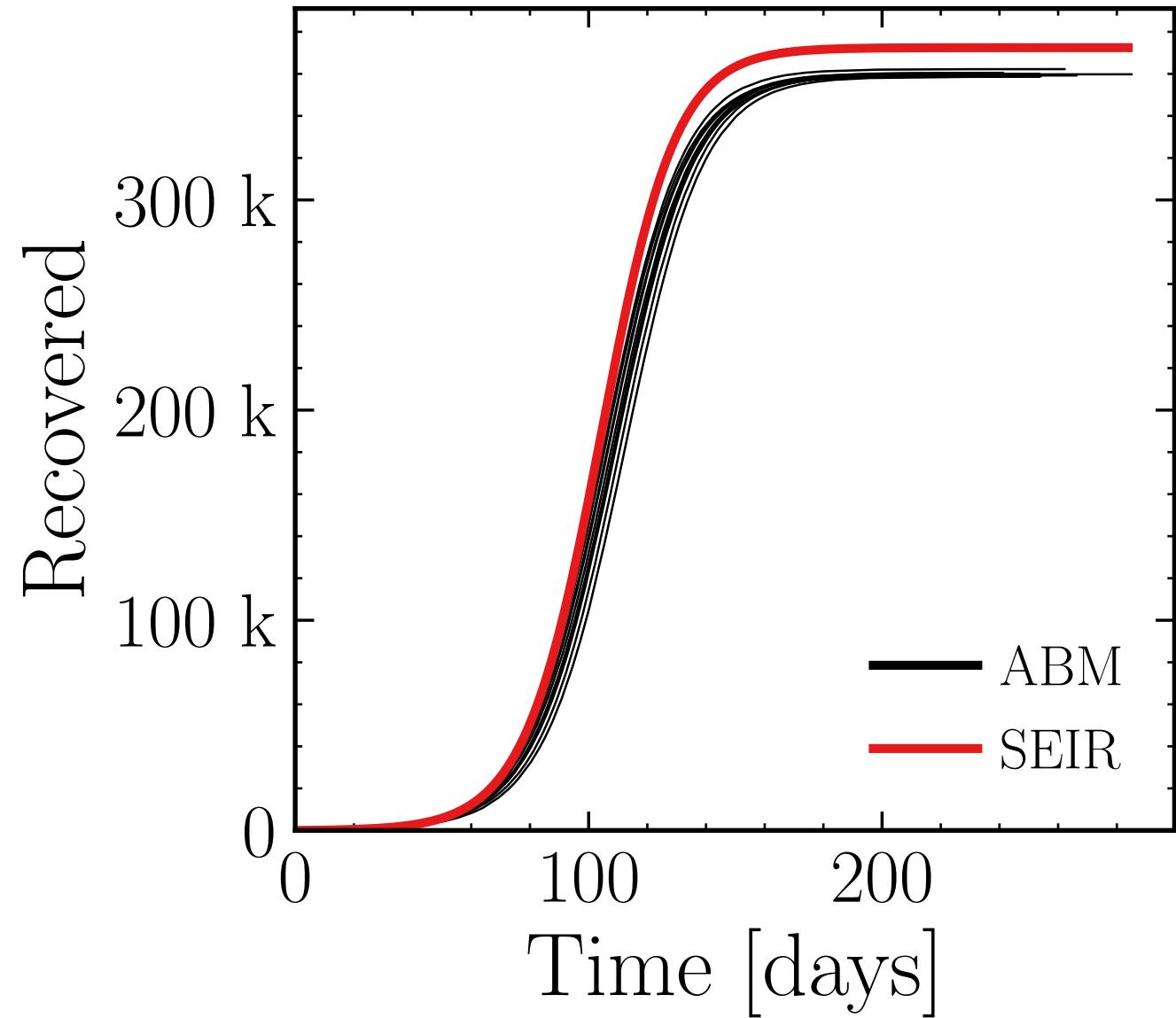
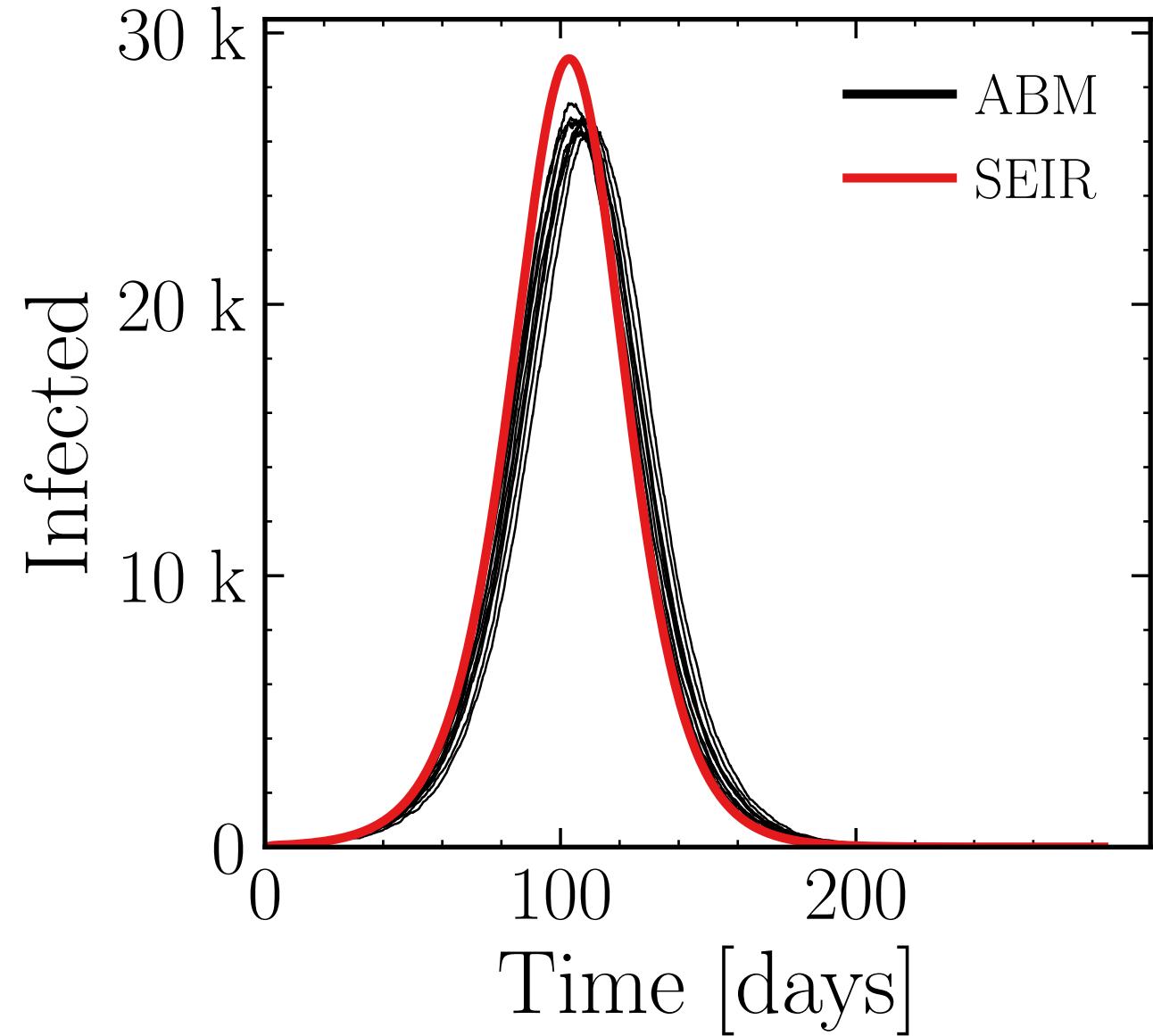
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 30, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.77 \pm 0.34\%) \cdot 10^3$

v. = 1.0, hash = 2944667791, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.083\%) \cdot 10^3$



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

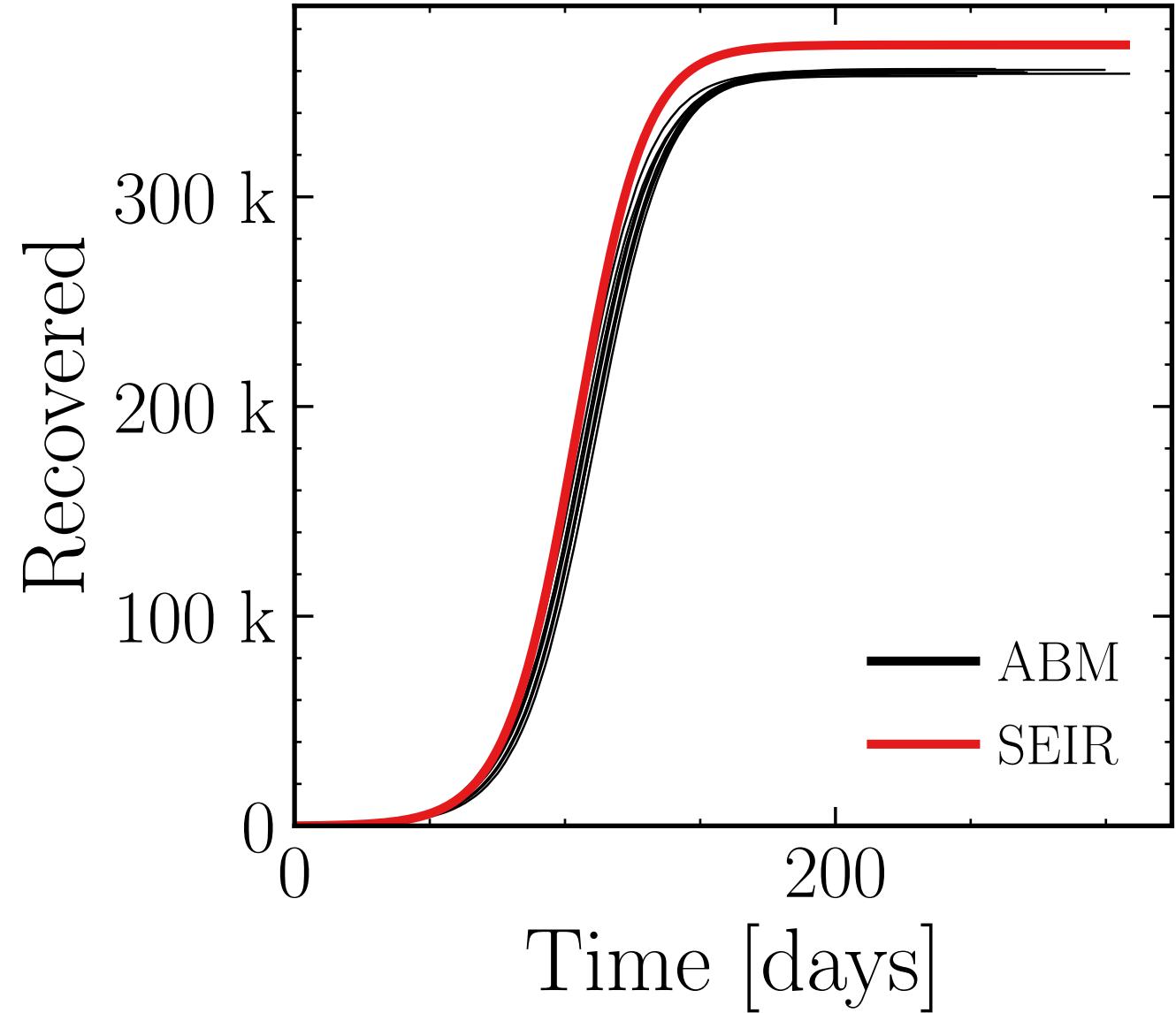
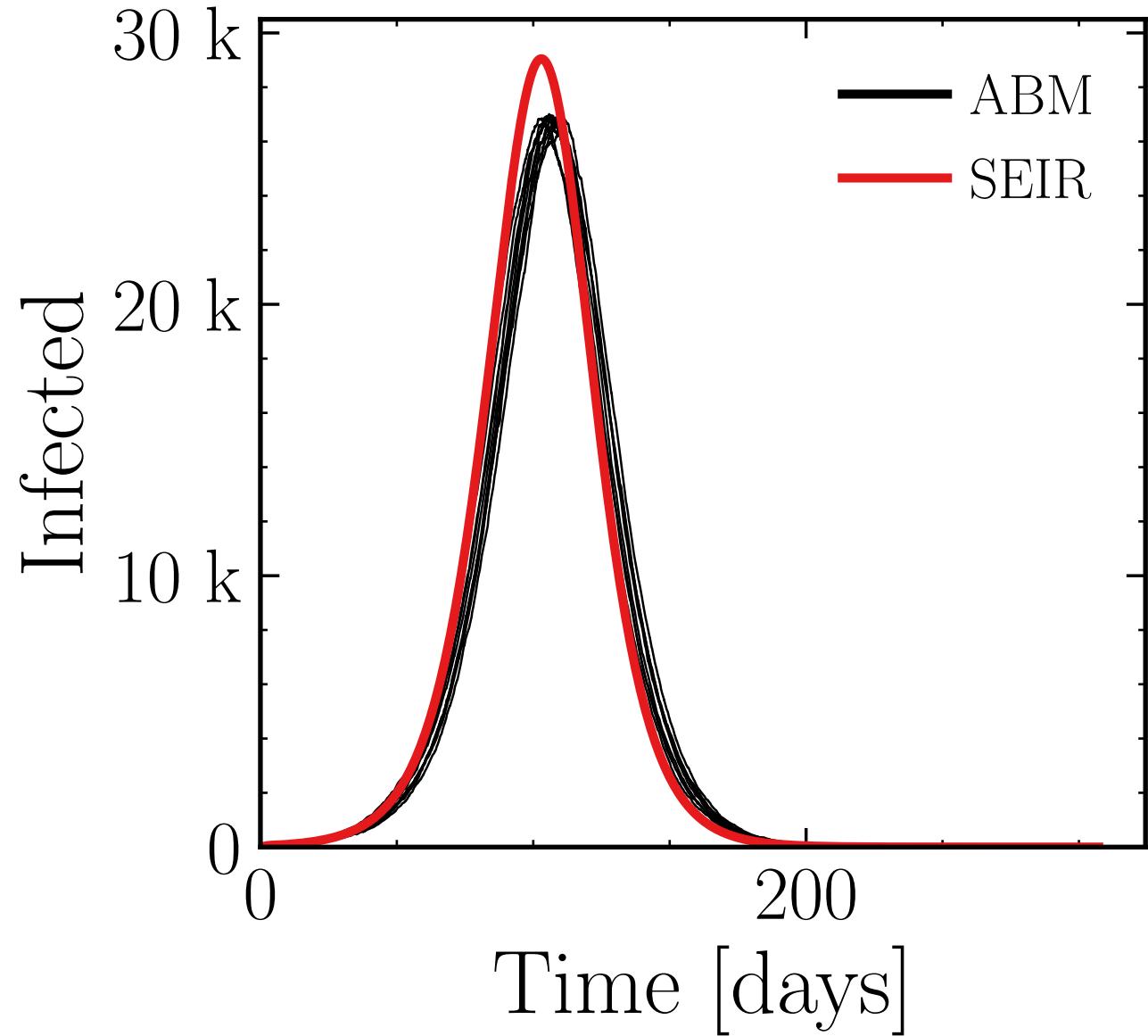
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 40, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.79 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 8ee391d0f6, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.084\%) \cdot 10^3$



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

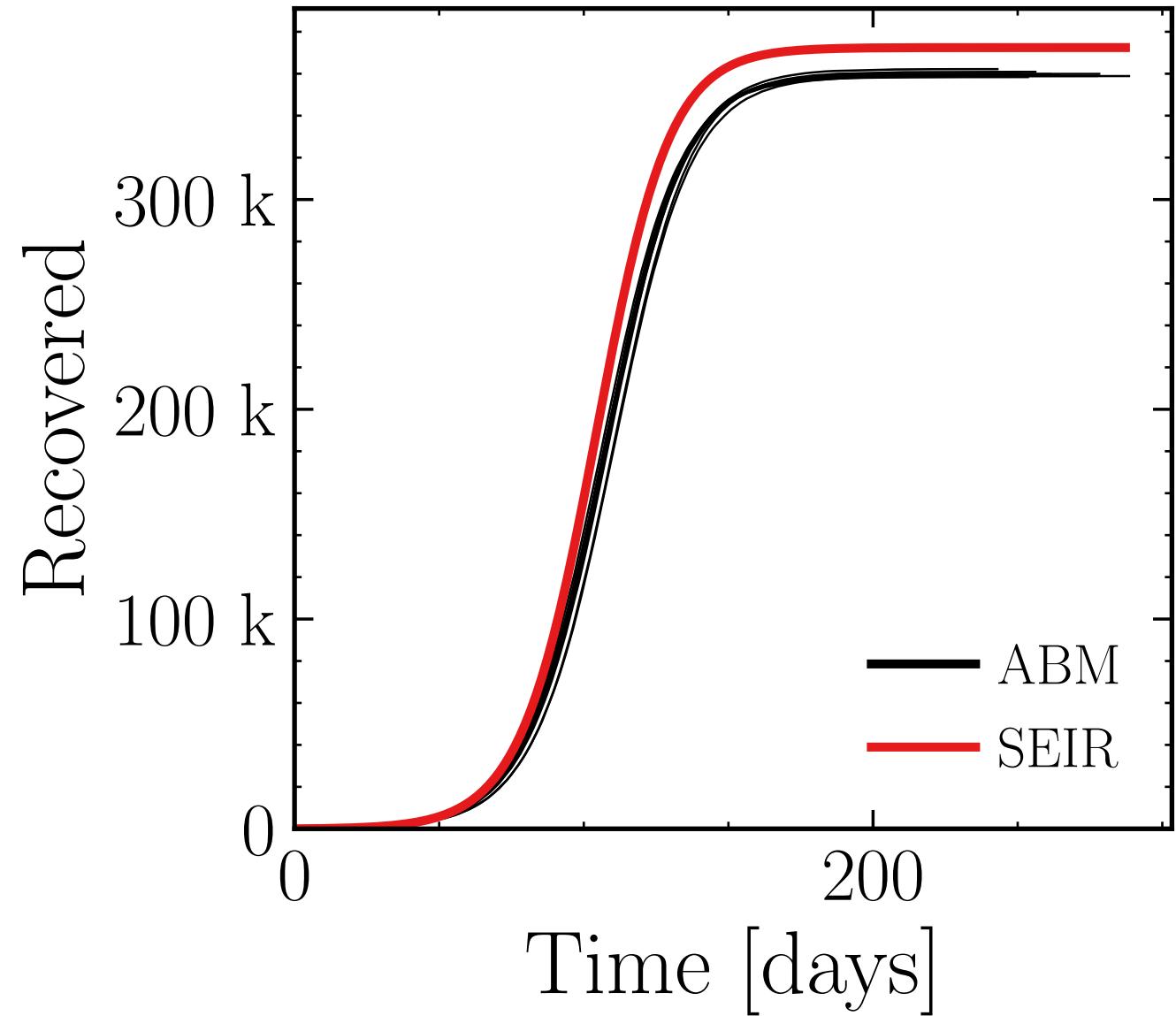
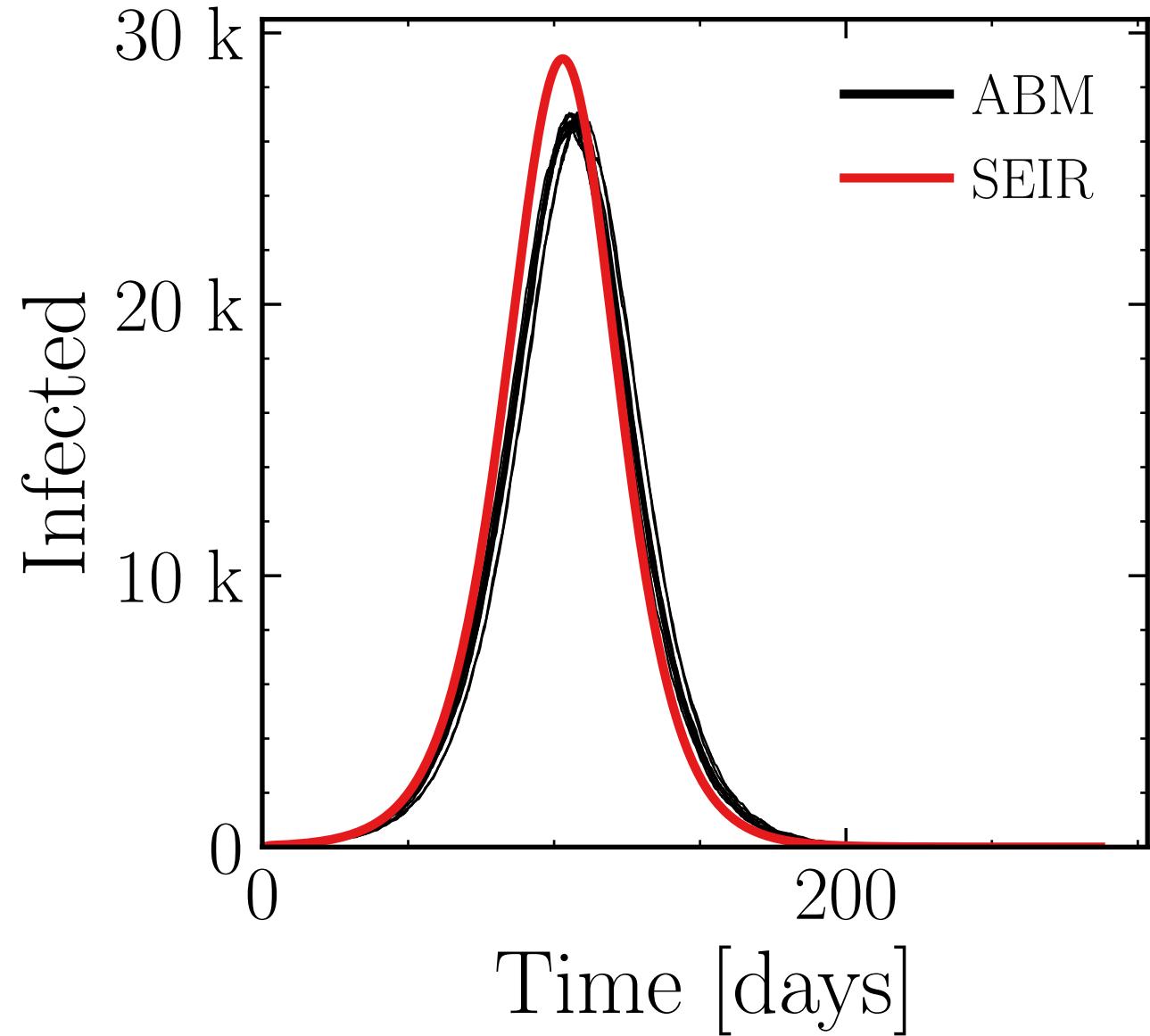
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.78 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = eb9f62cf0a, #10

$R_\infty^{\text{ABM}} = (359.8 \pm 0.09\%) \cdot 10^3$



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

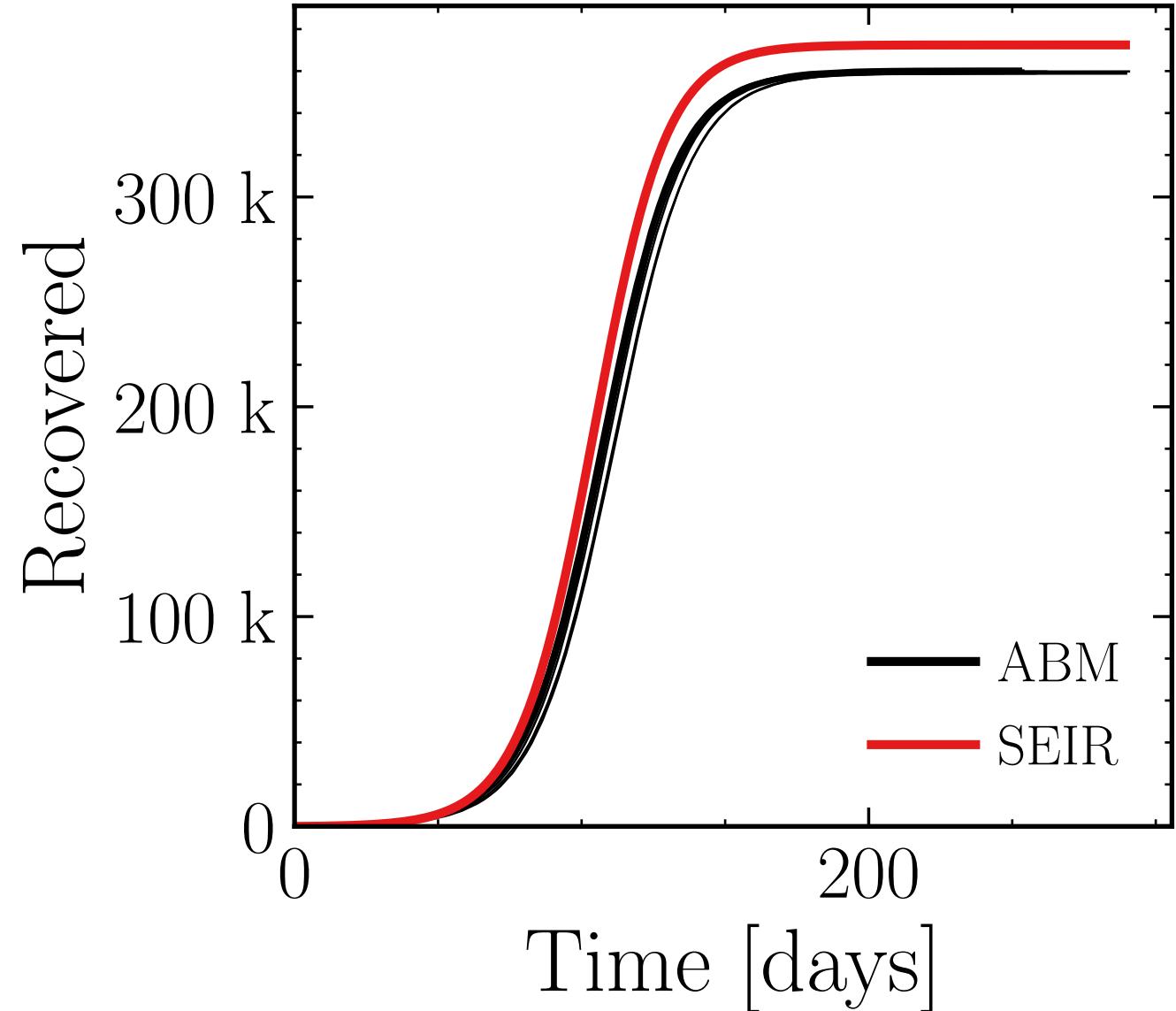
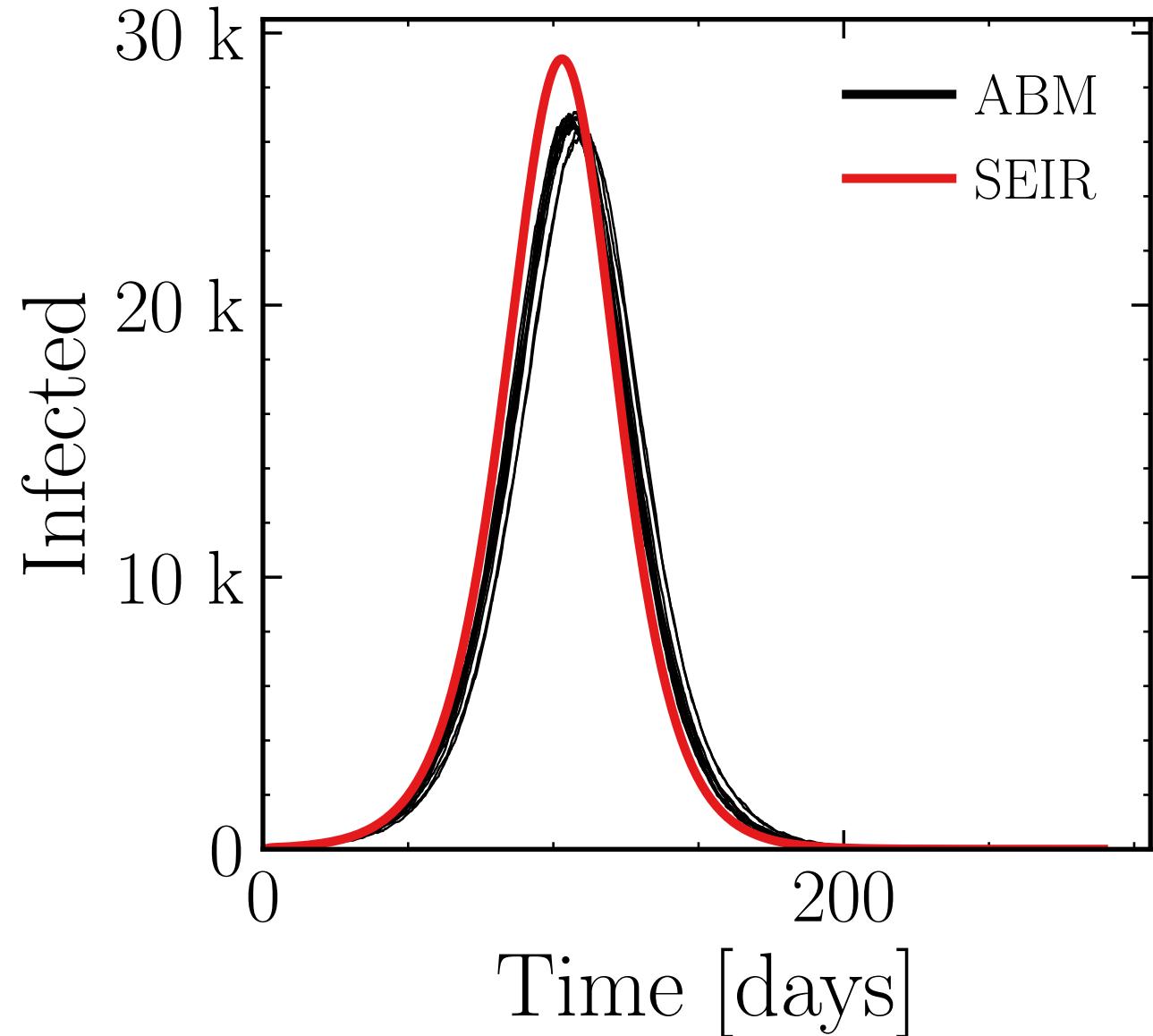
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 75, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.76 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = 3201113359, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.061\%) \cdot 10^3$



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

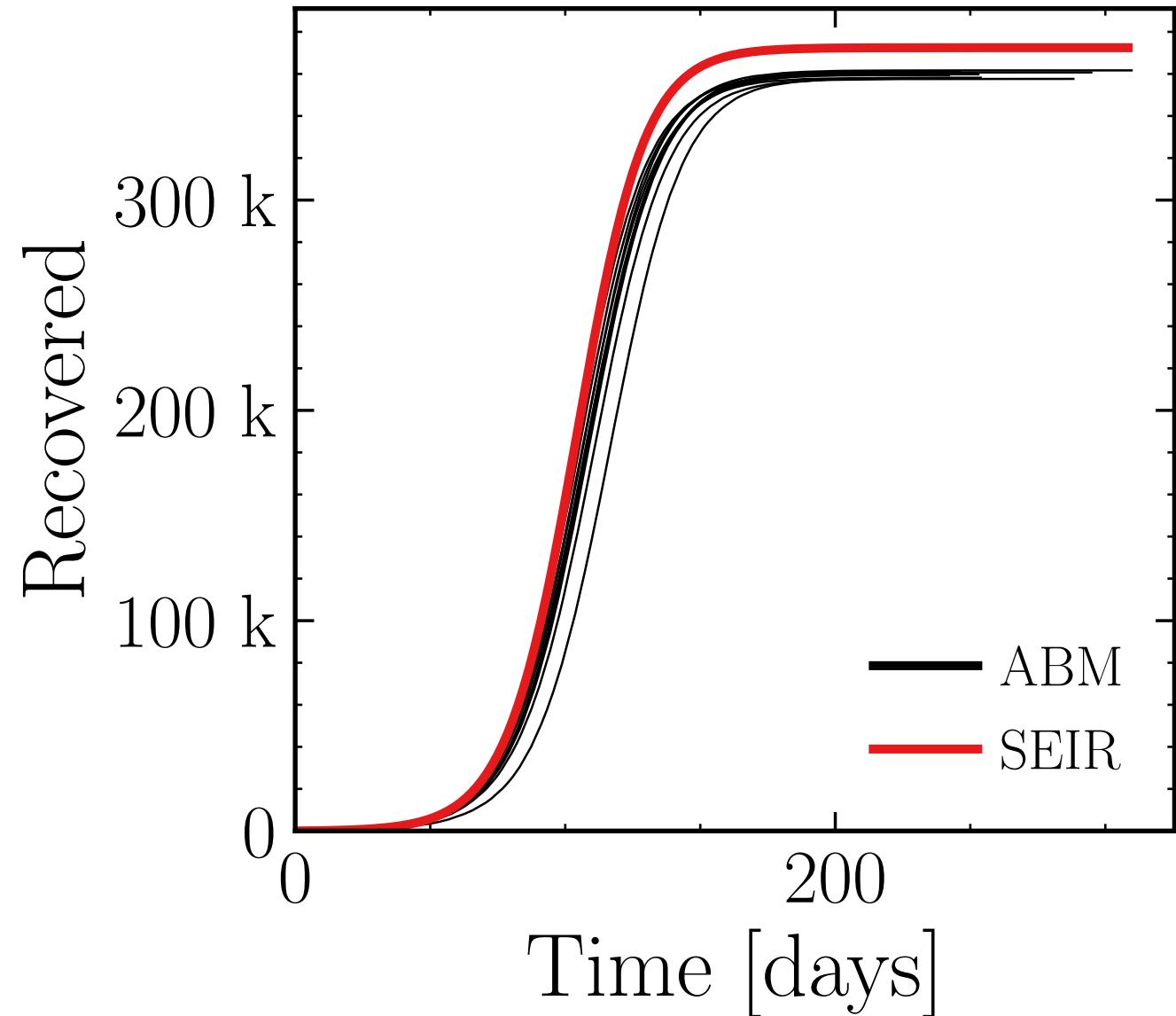
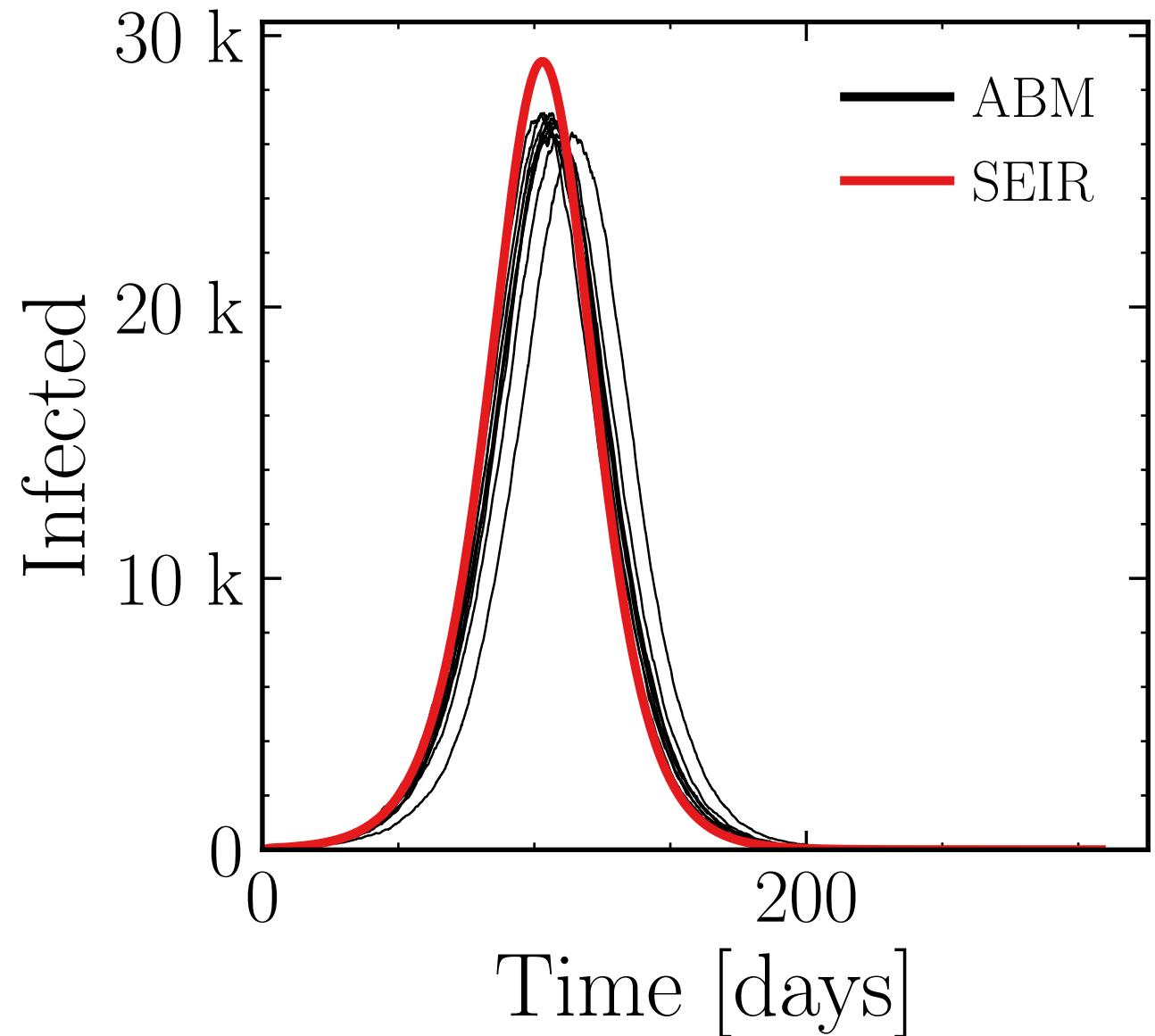
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10$, event_{size_{max}} = 100, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.8 \pm 0.38\%) \cdot 10^3$

v. = 1.0, hash = cf5fcfc77c6, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.11\%) \cdot 10^3$



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

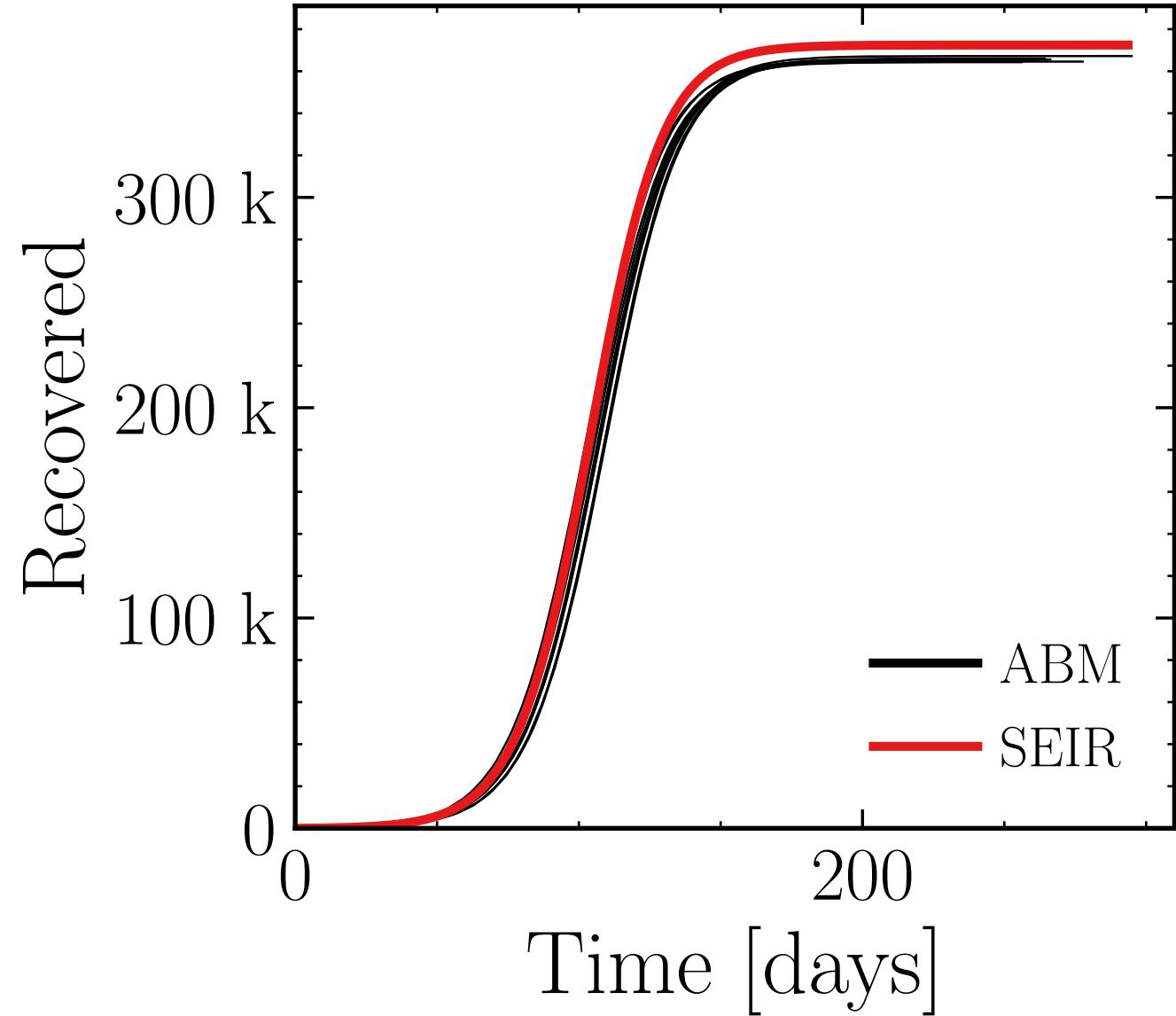
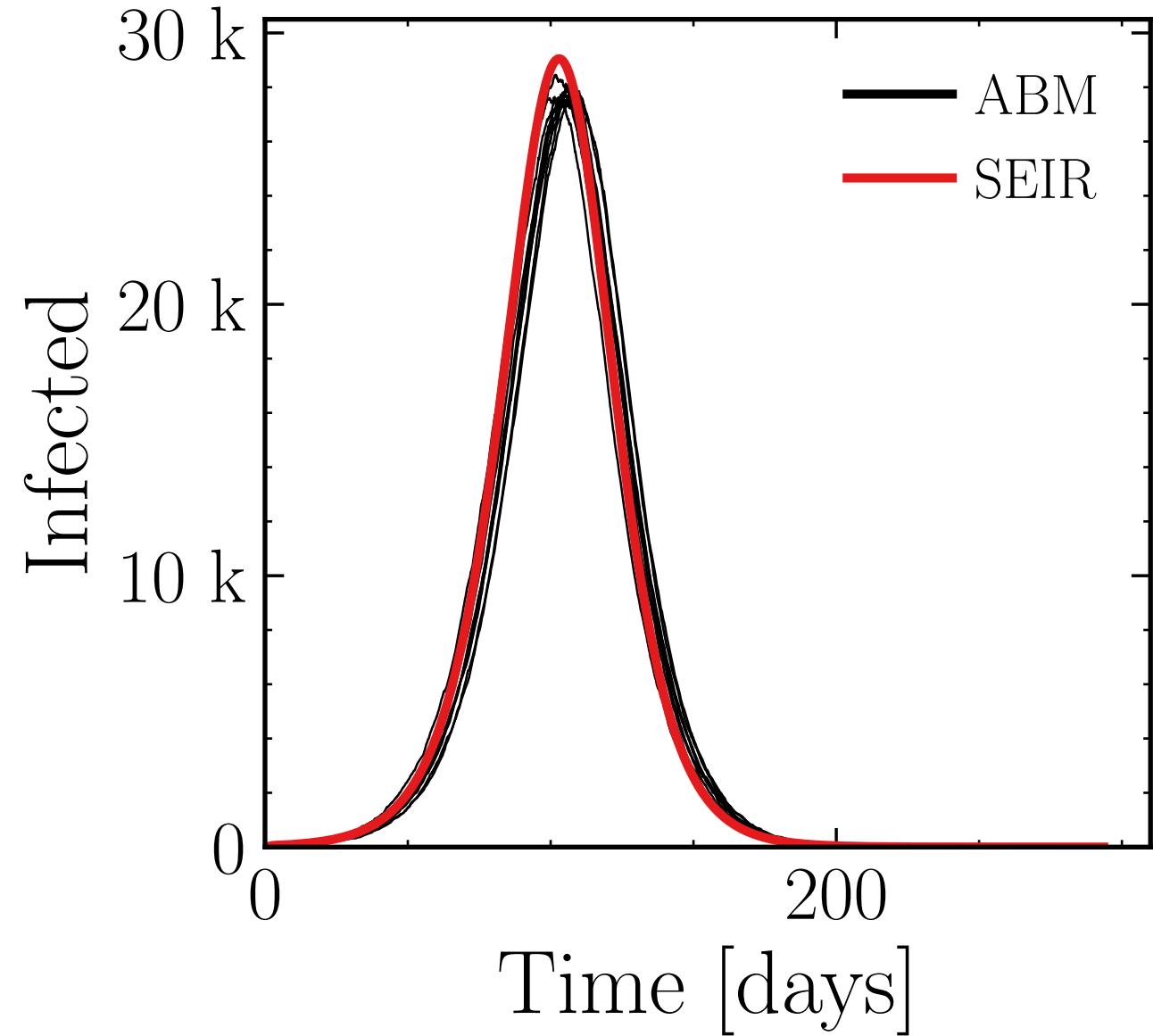
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.86 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 1d1b128ea0, #10

$R_{\infty}^{\text{ABM}} = (365.4 \pm 0.067\%) \cdot 10^3$



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

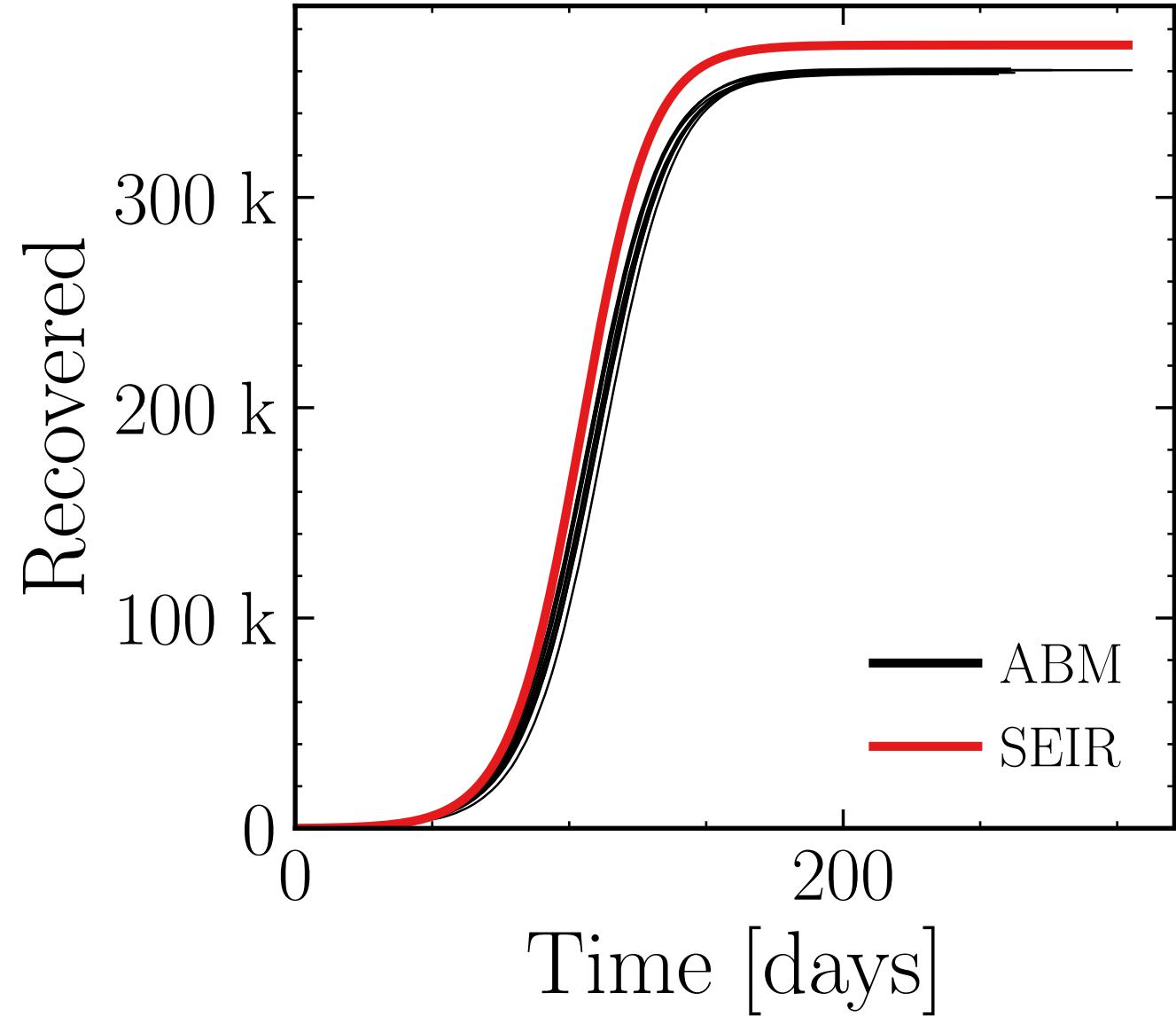
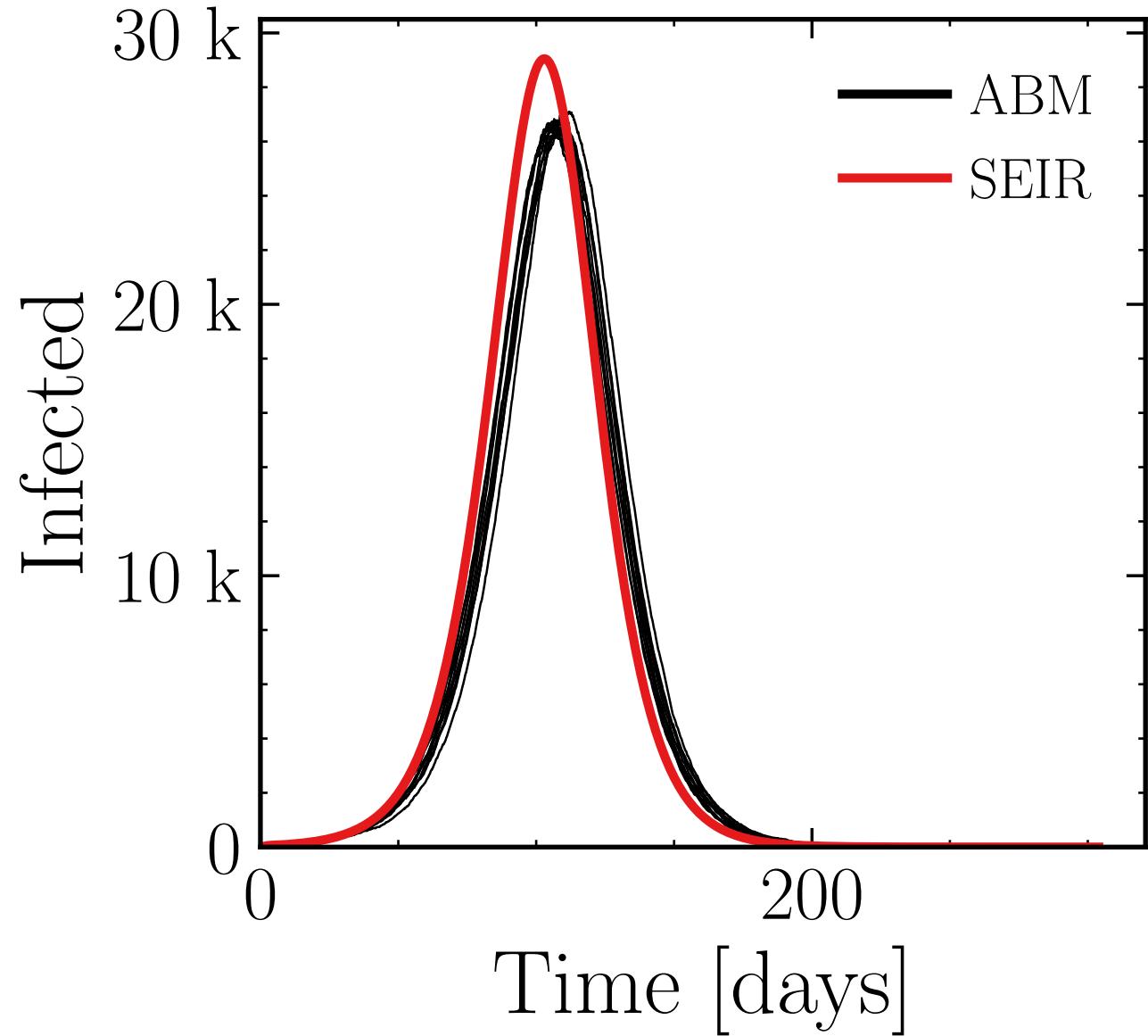
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 1, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.7 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = 2f6a7a418b, #10

$R_{\infty}^{\text{ABM}} = (360.1 \pm 0.065\%) \cdot 10^3$



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

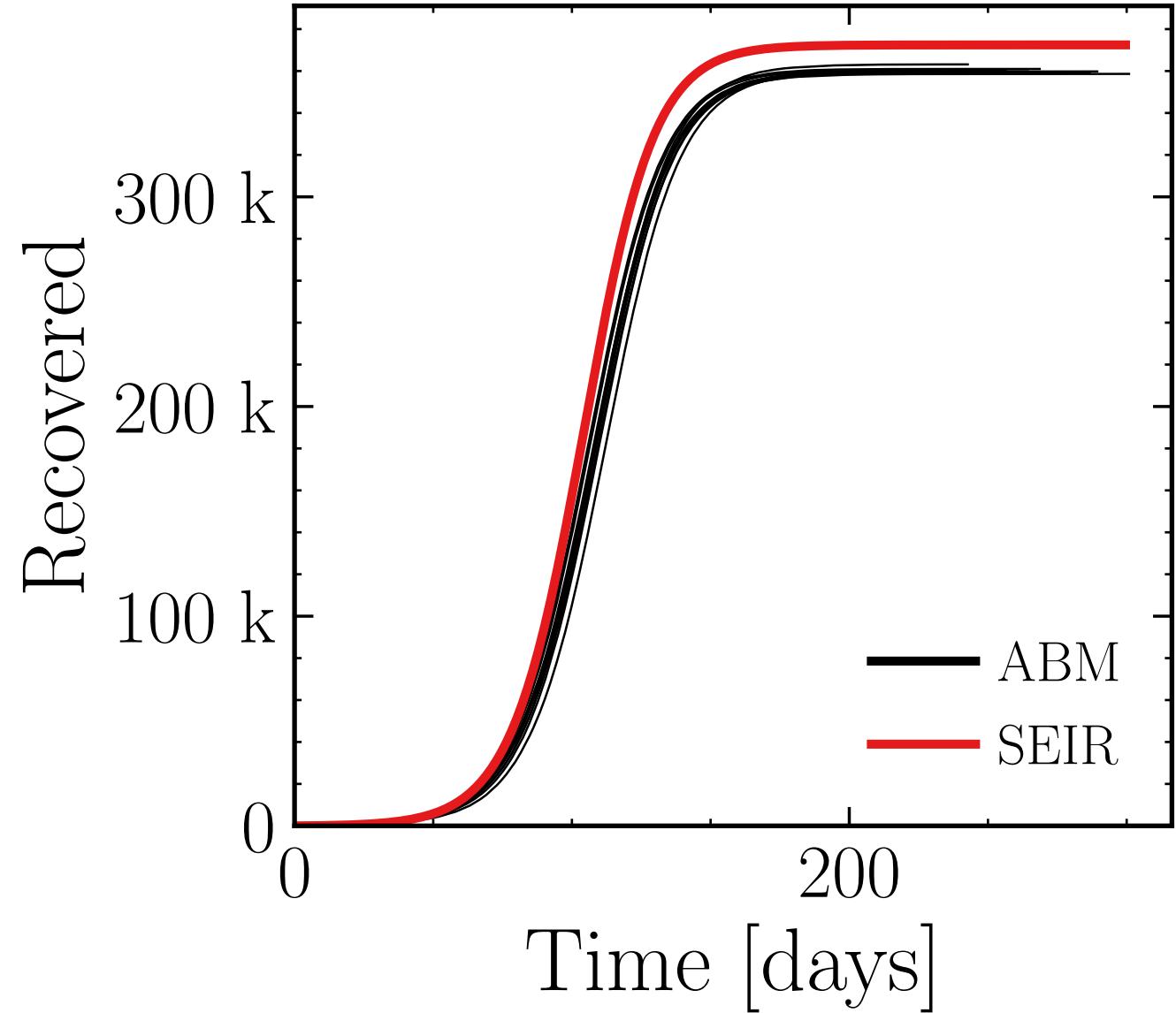
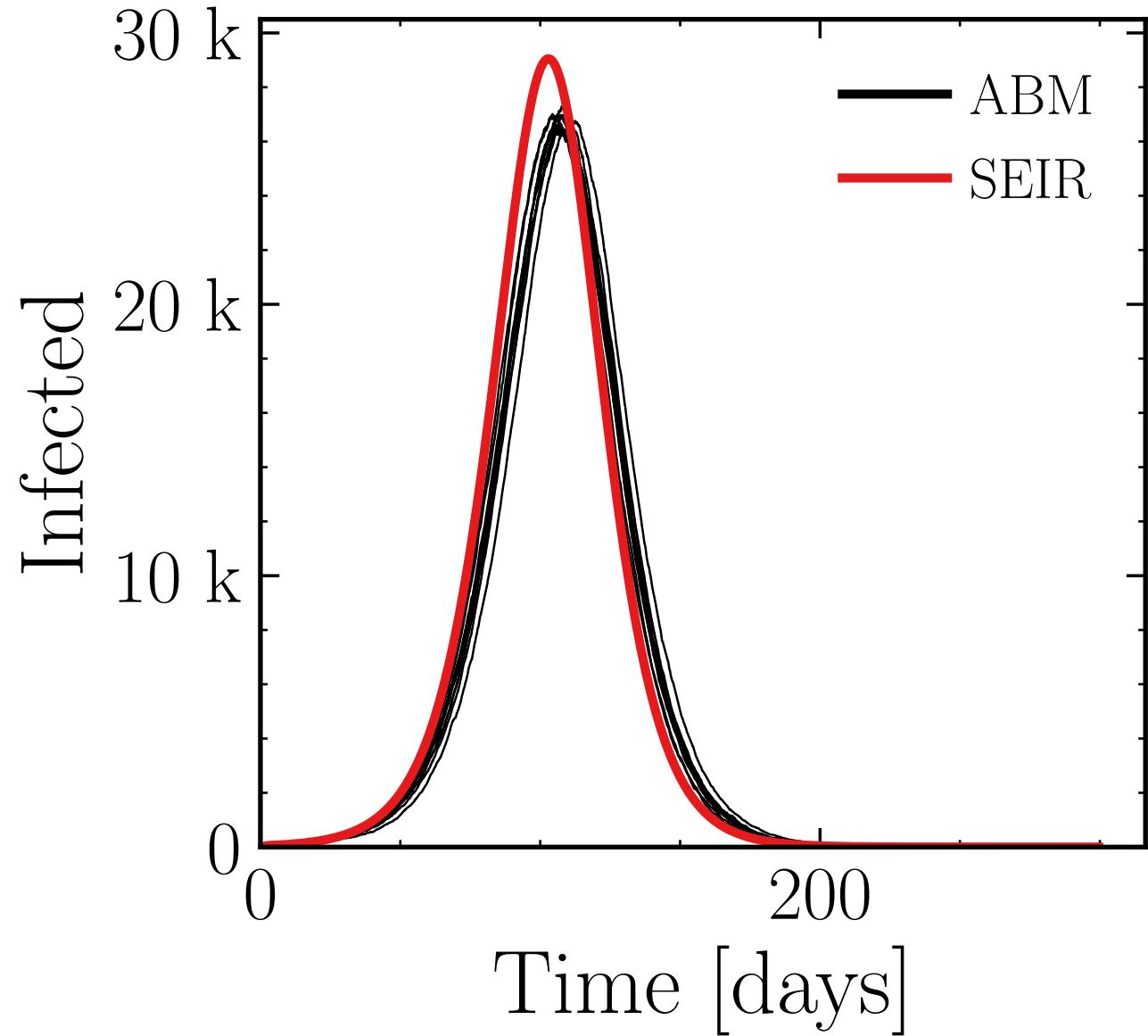
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 2, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.79 \pm 0.34\%) \cdot 10^3$

v. = 1.0, hash = 0f3ac2fc0a, #10

$R_\infty^{\text{ABM}} = (360.1 \pm 0.11\%) \cdot 10^3$



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

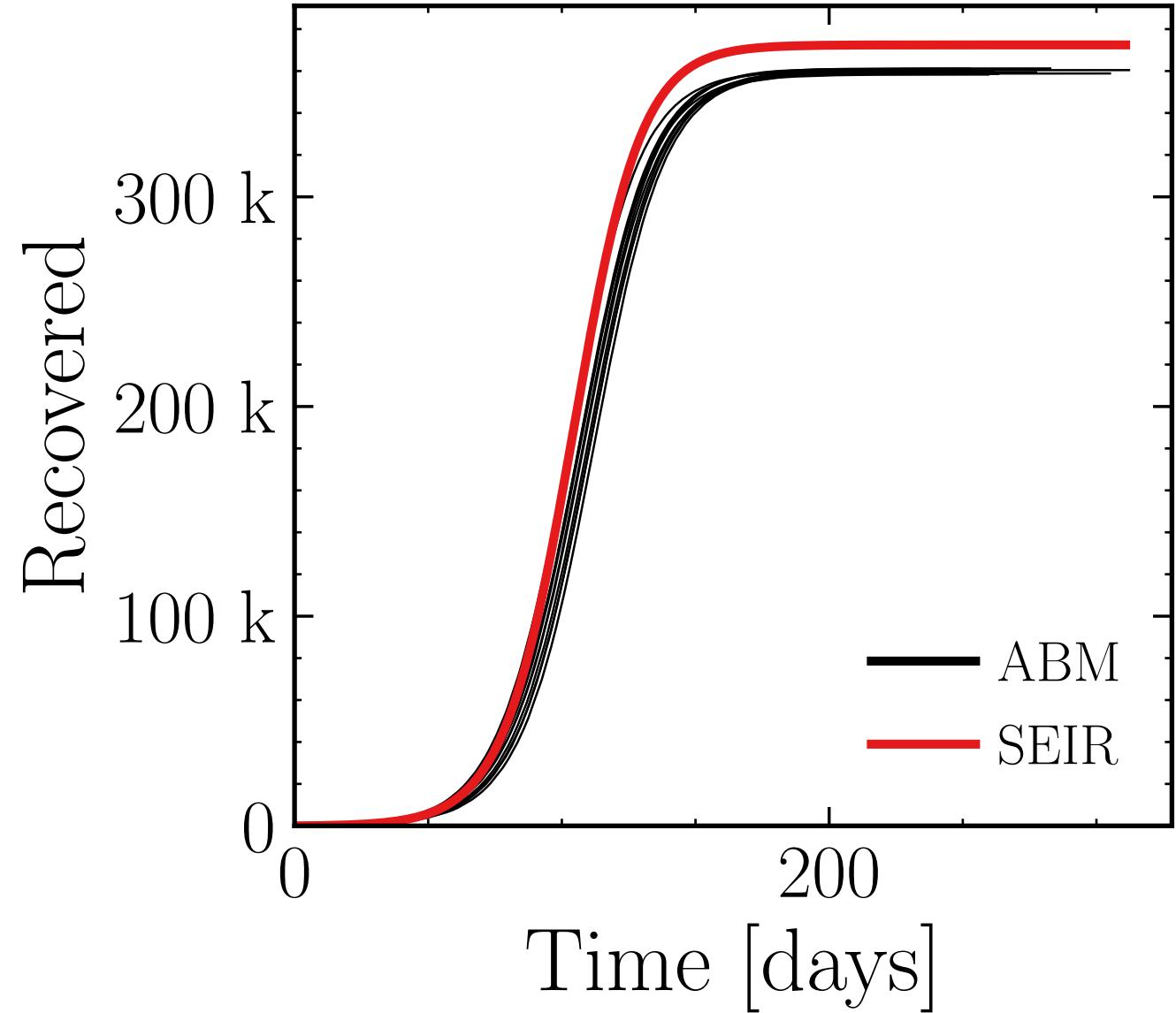
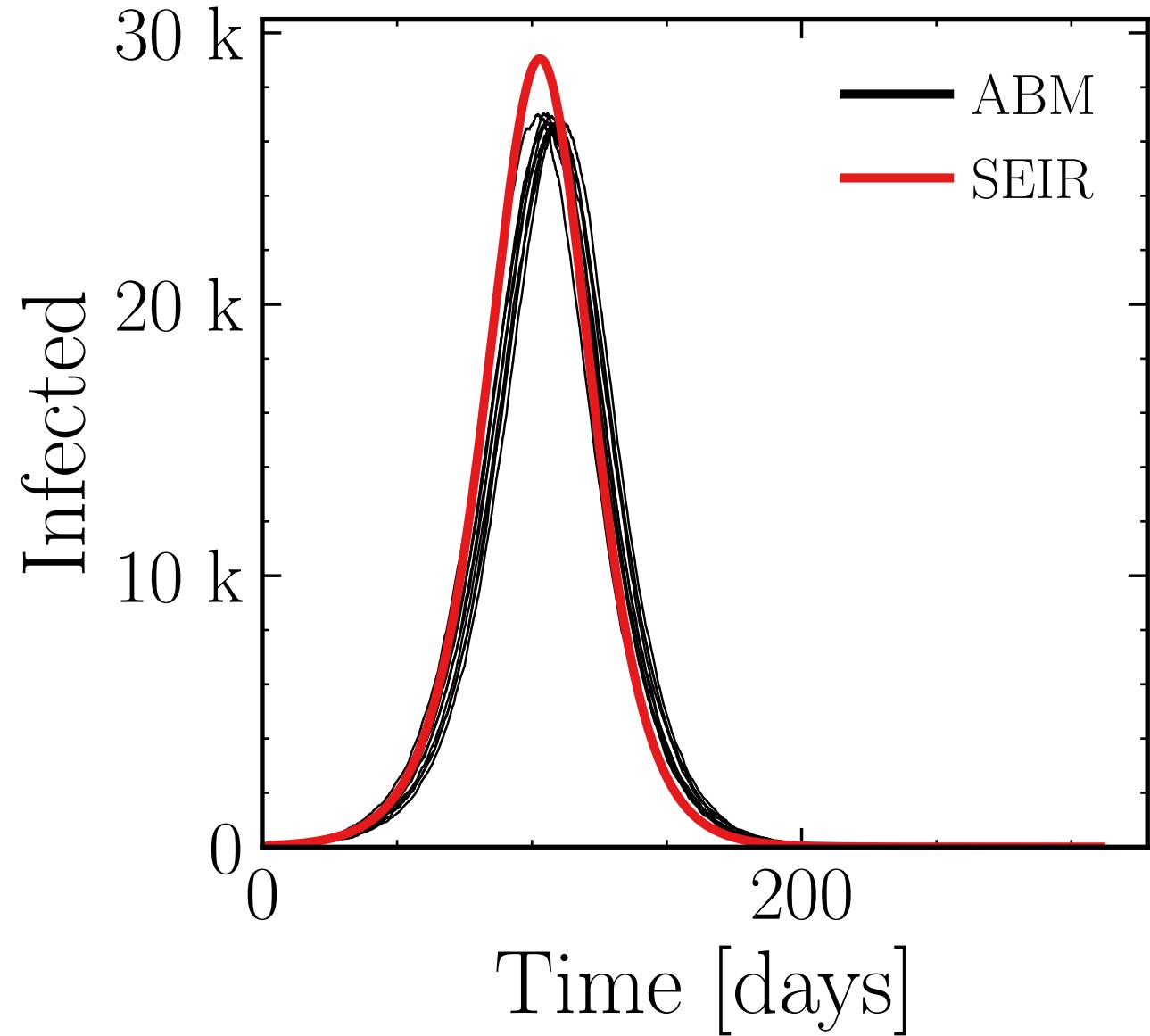
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 3, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.76 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 42b1cf9e53, #10

$R_{\infty}^{\text{ABM}} = (359.8 \pm 0.09\%) \cdot 10^3$



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

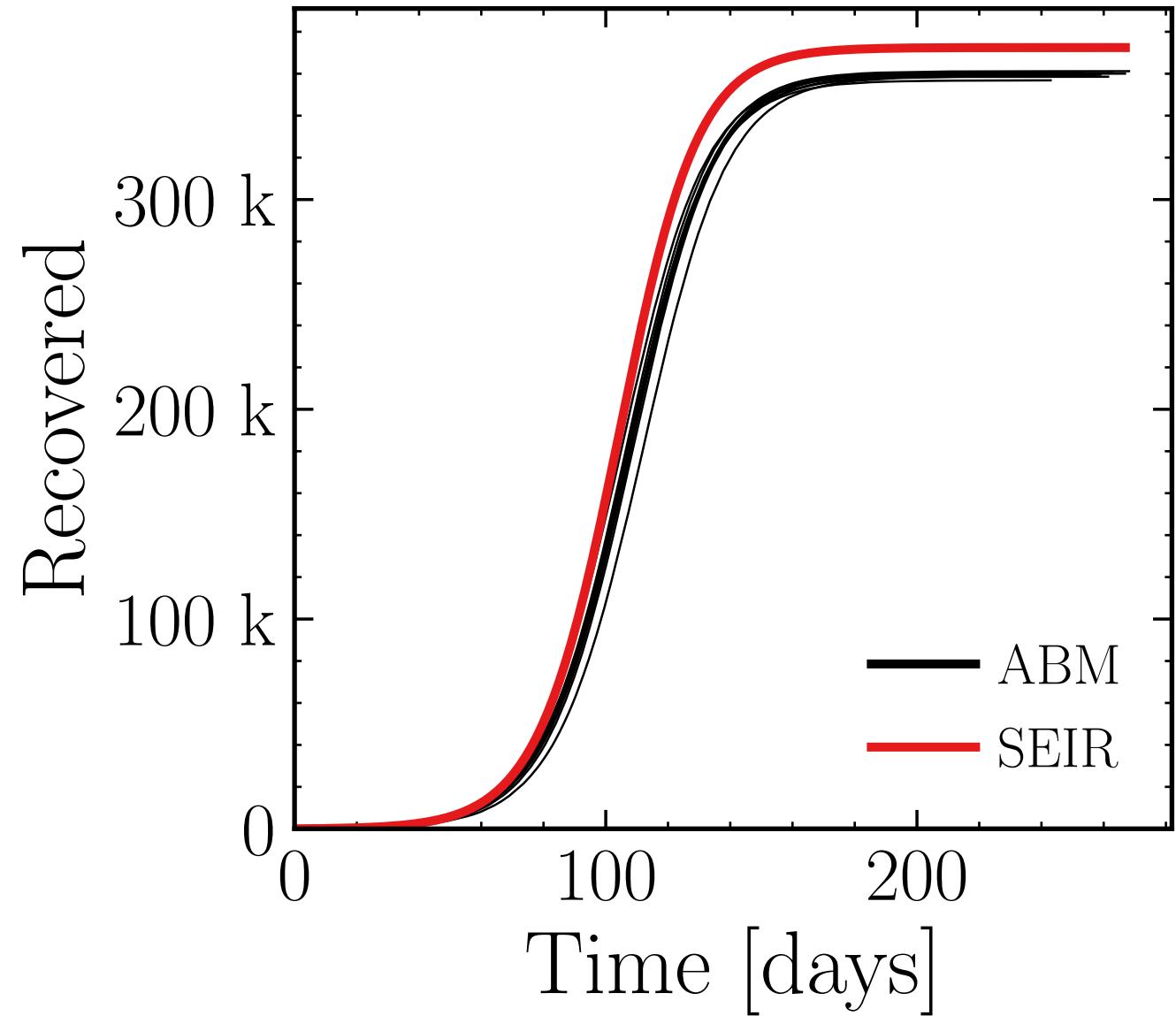
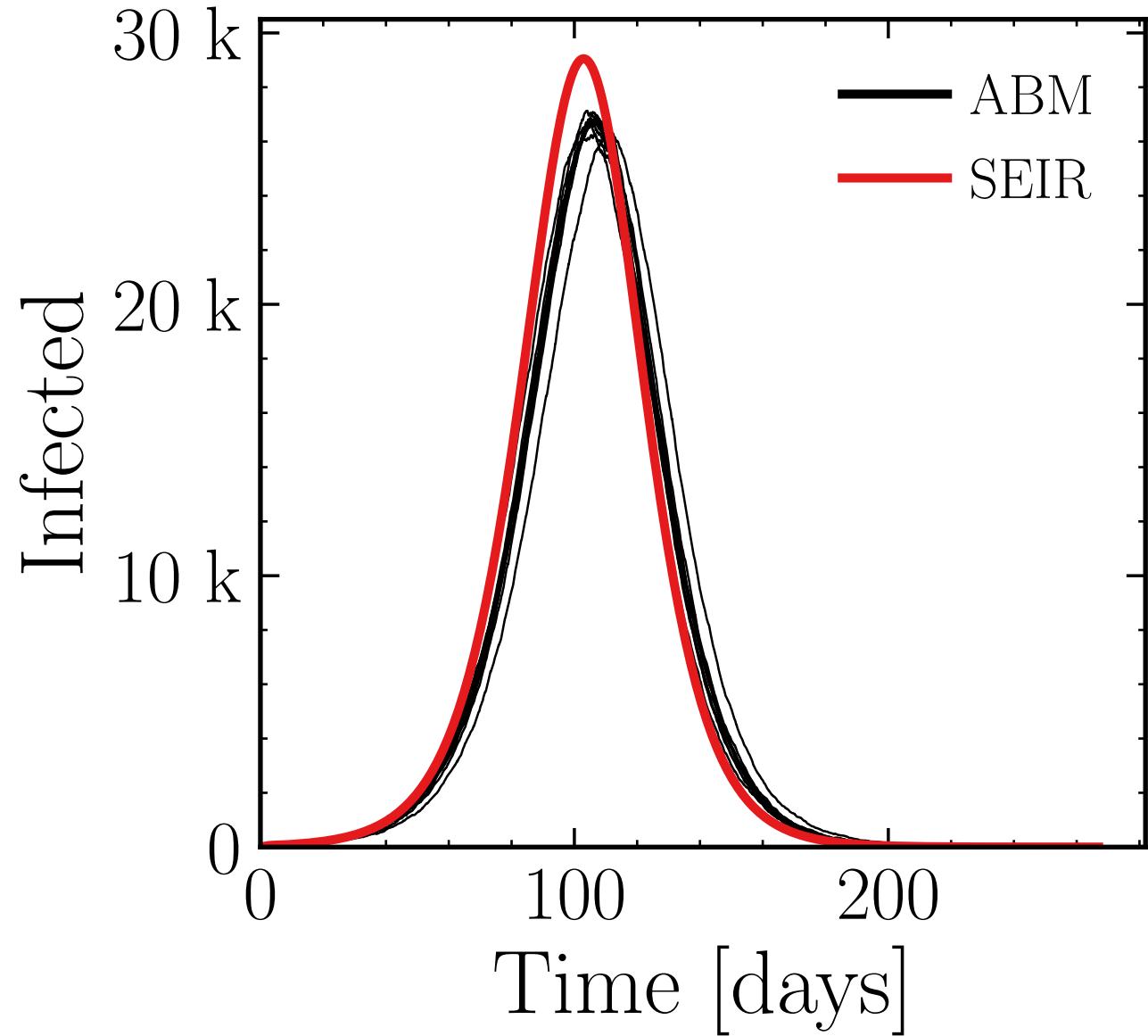
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 4, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.75 \pm 0.32\%) \cdot 10^3$

v. = 1.0, hash = cb366bfd2c, #10

$R_{\infty}^{\text{ABM}} = (359.5 \pm 0.11\%) \cdot 10^3$



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

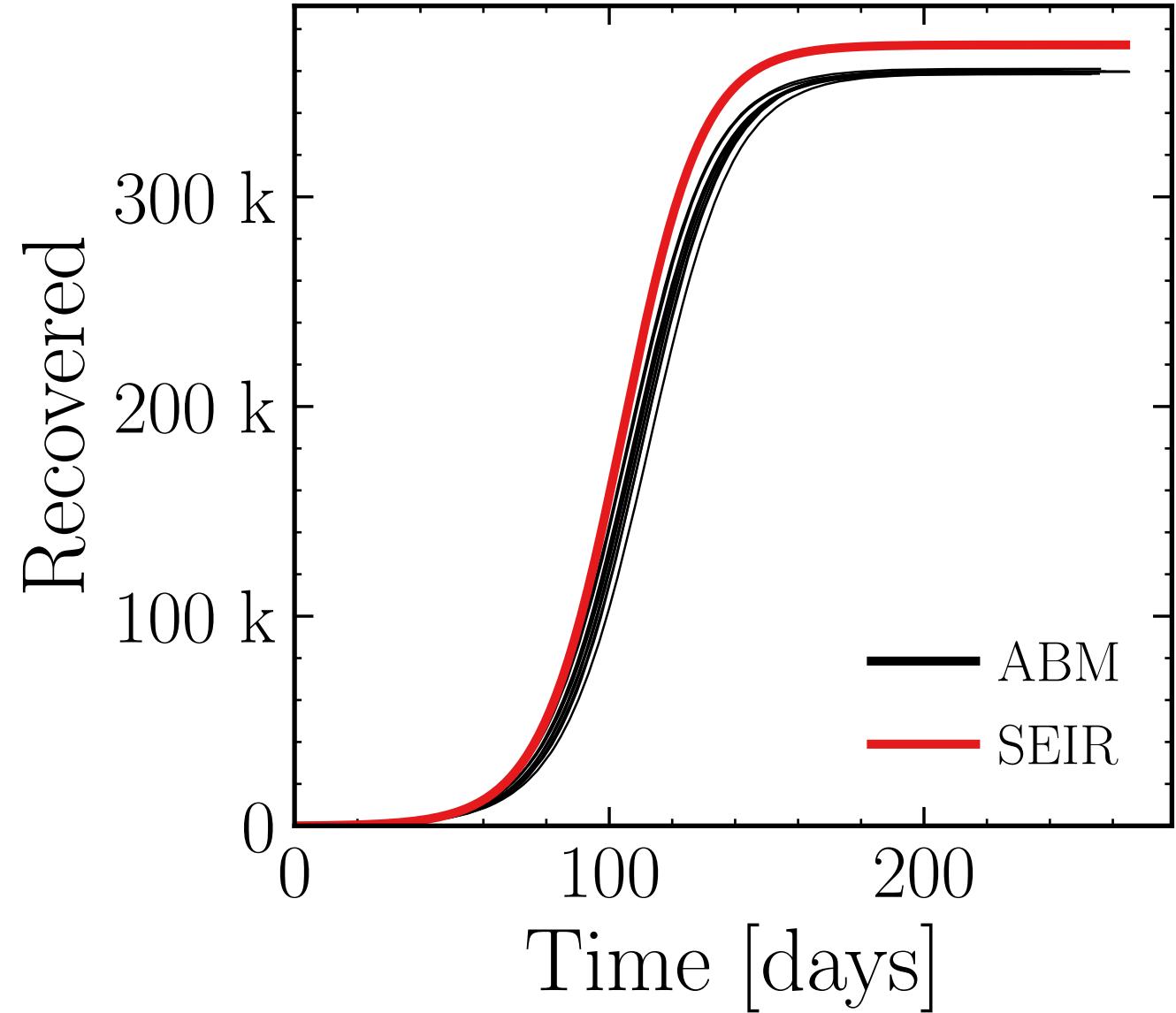
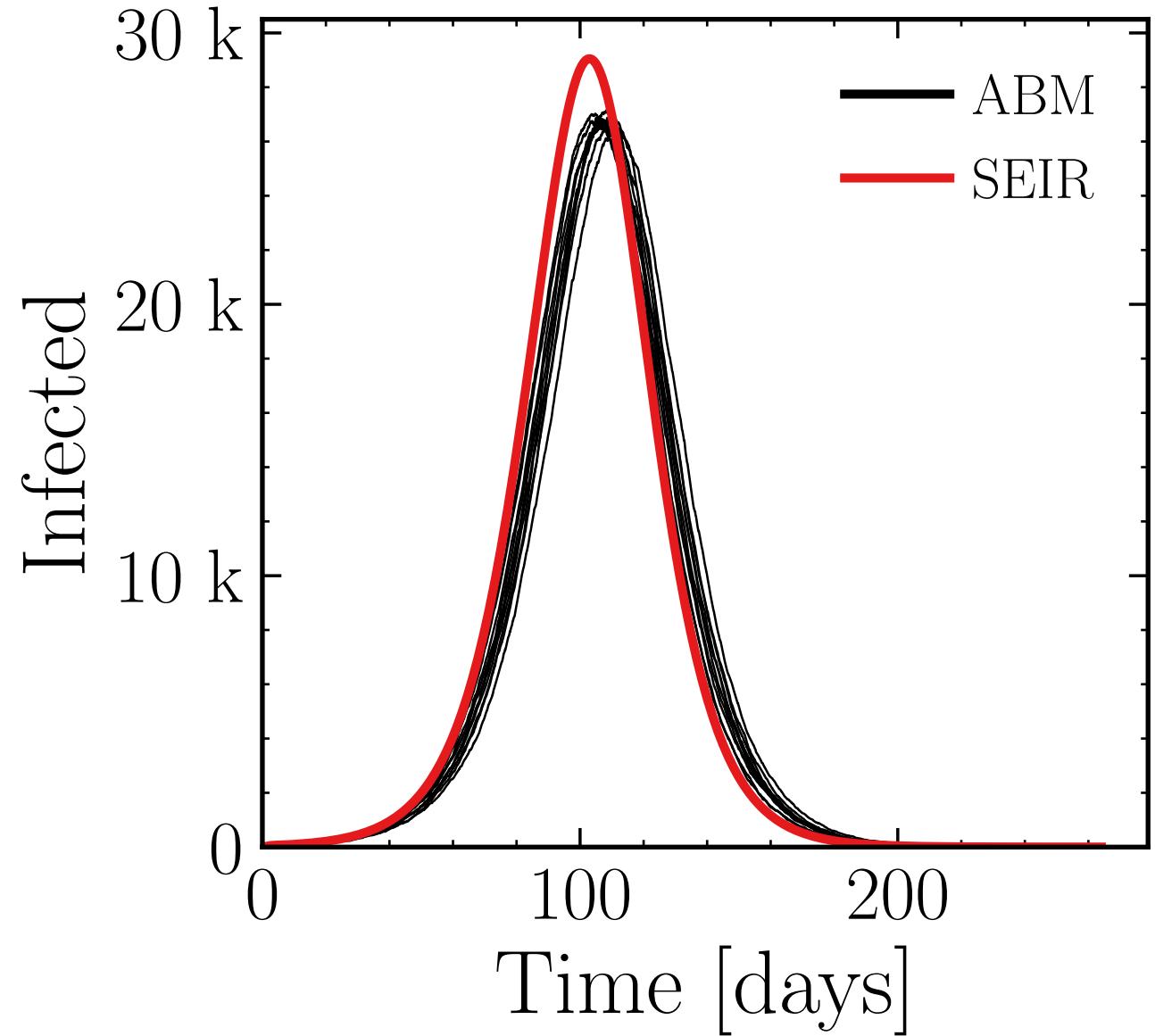
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 5, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.83 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 44affd4533, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.061\%) \cdot 10^3$



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

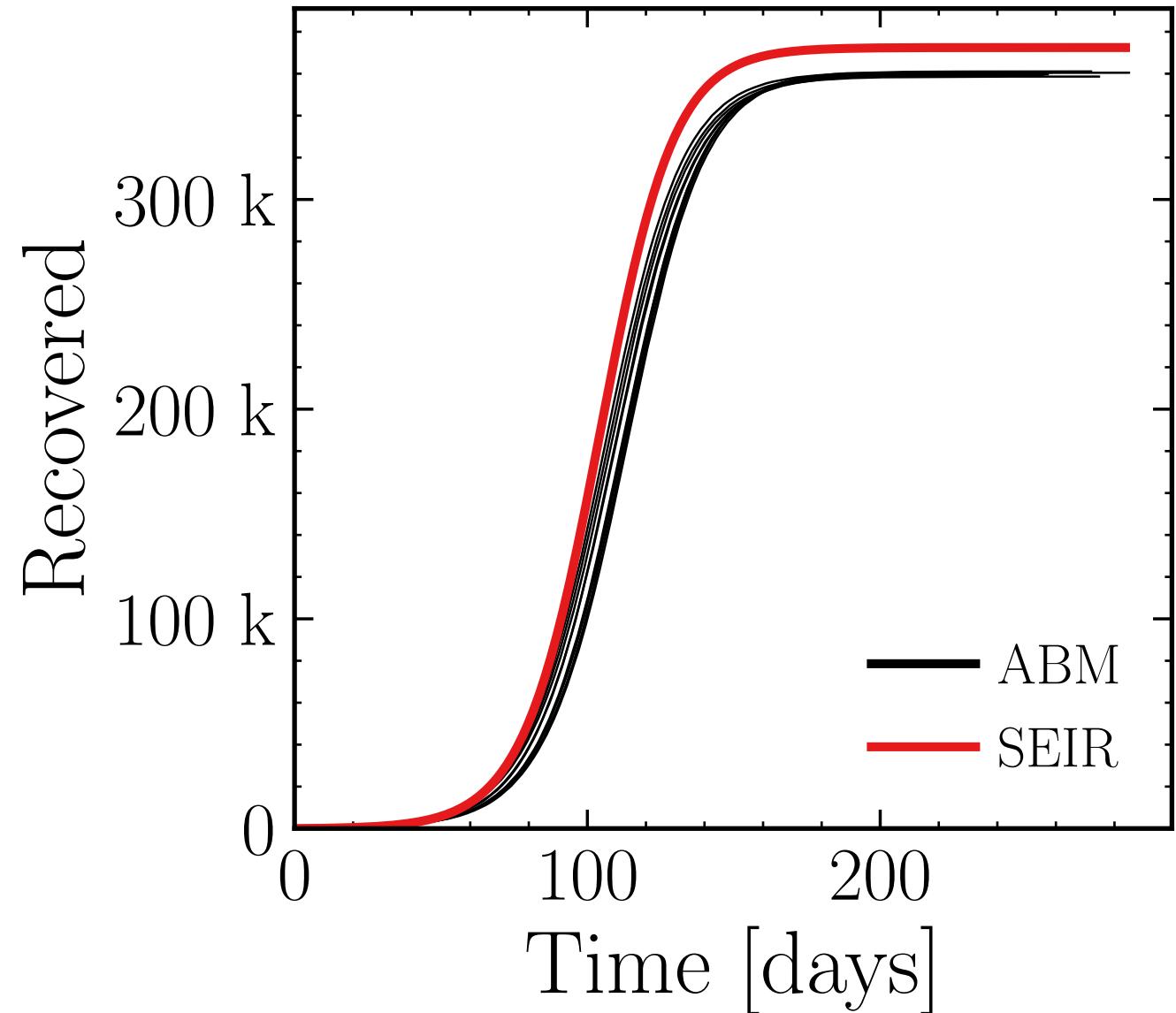
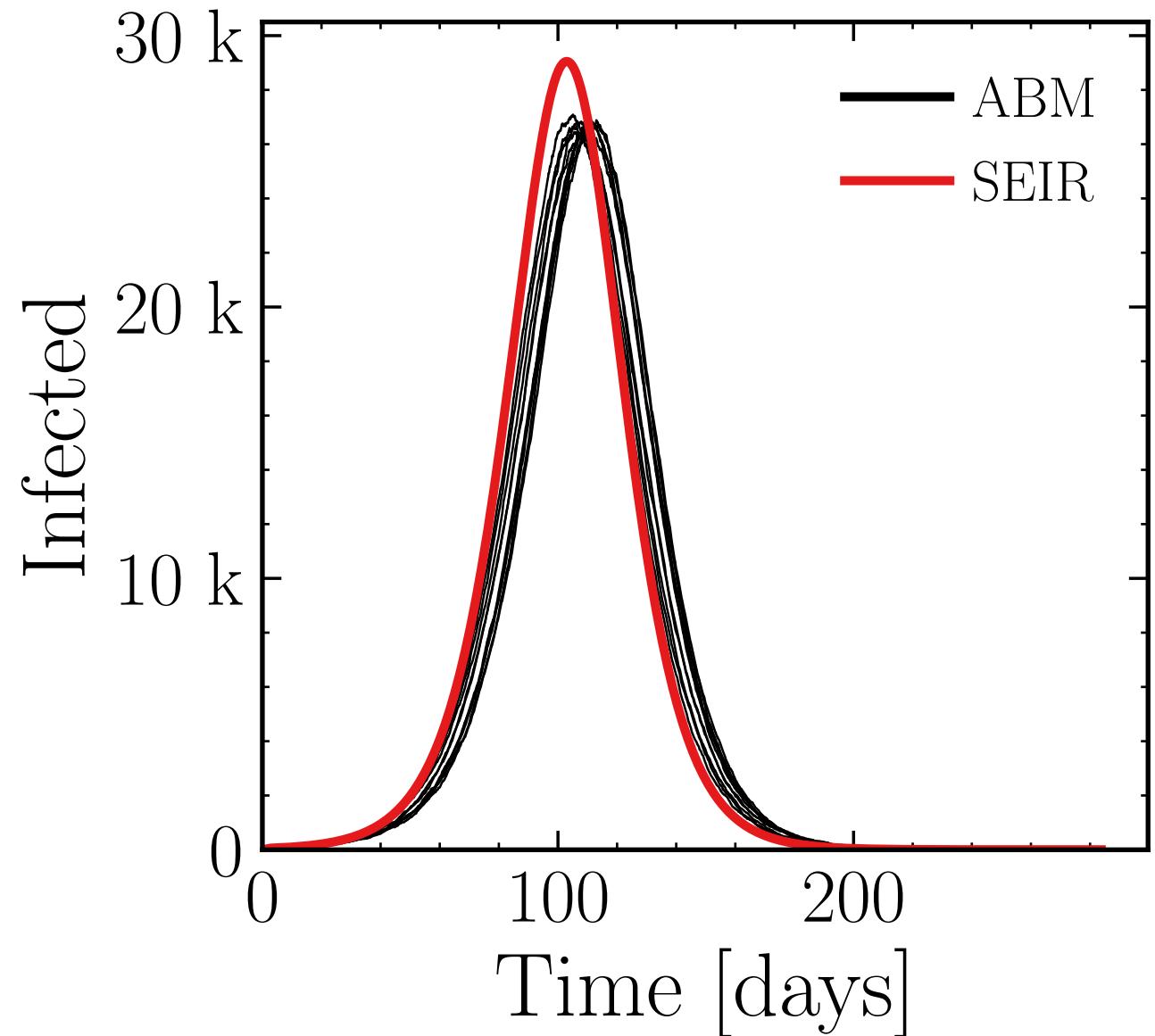
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 10, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.74 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = acd94b8f47, #10

$R_{\infty}^{\text{ABM}} = (360 \pm 0.072\%) \cdot 10^3$



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

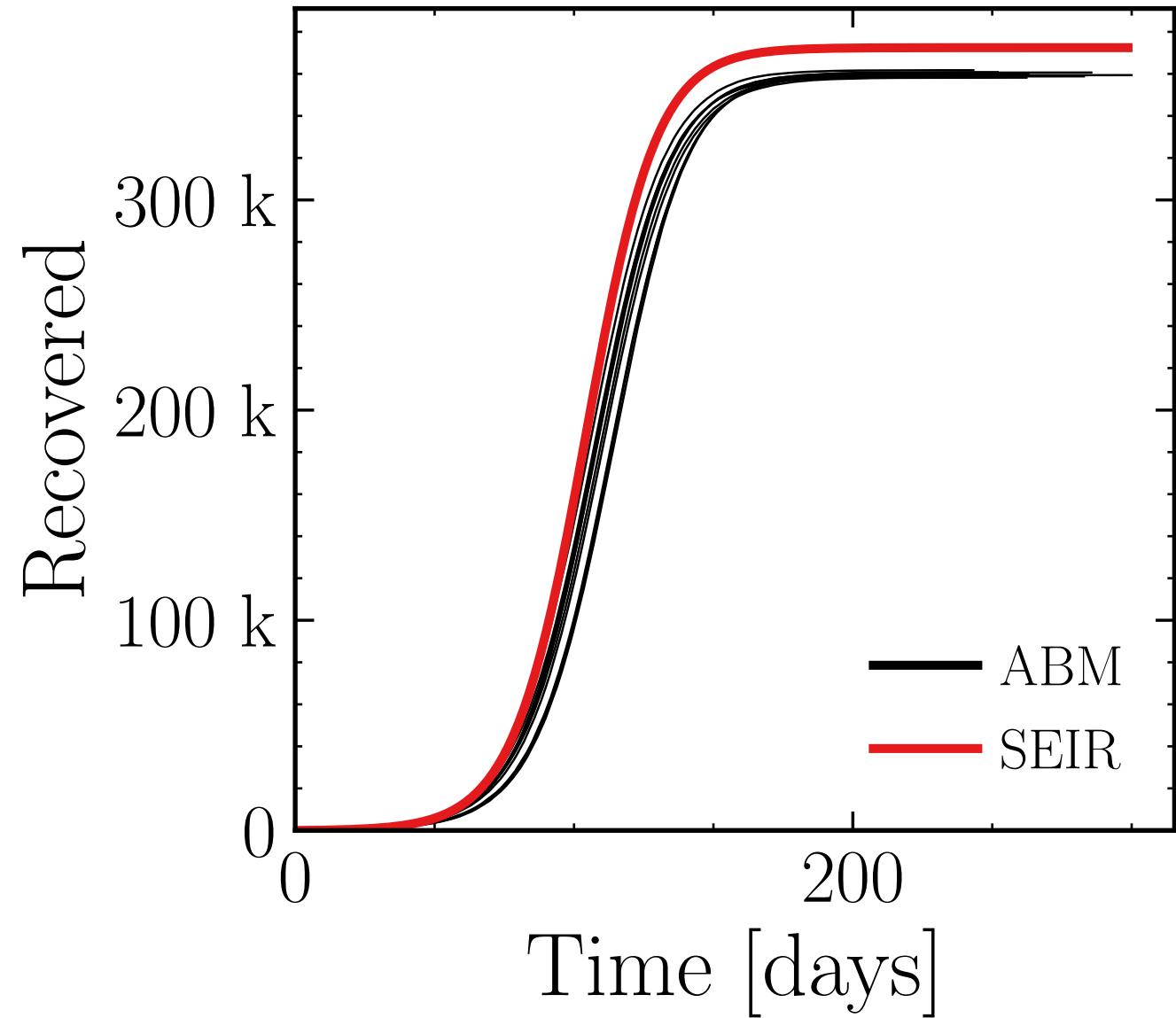
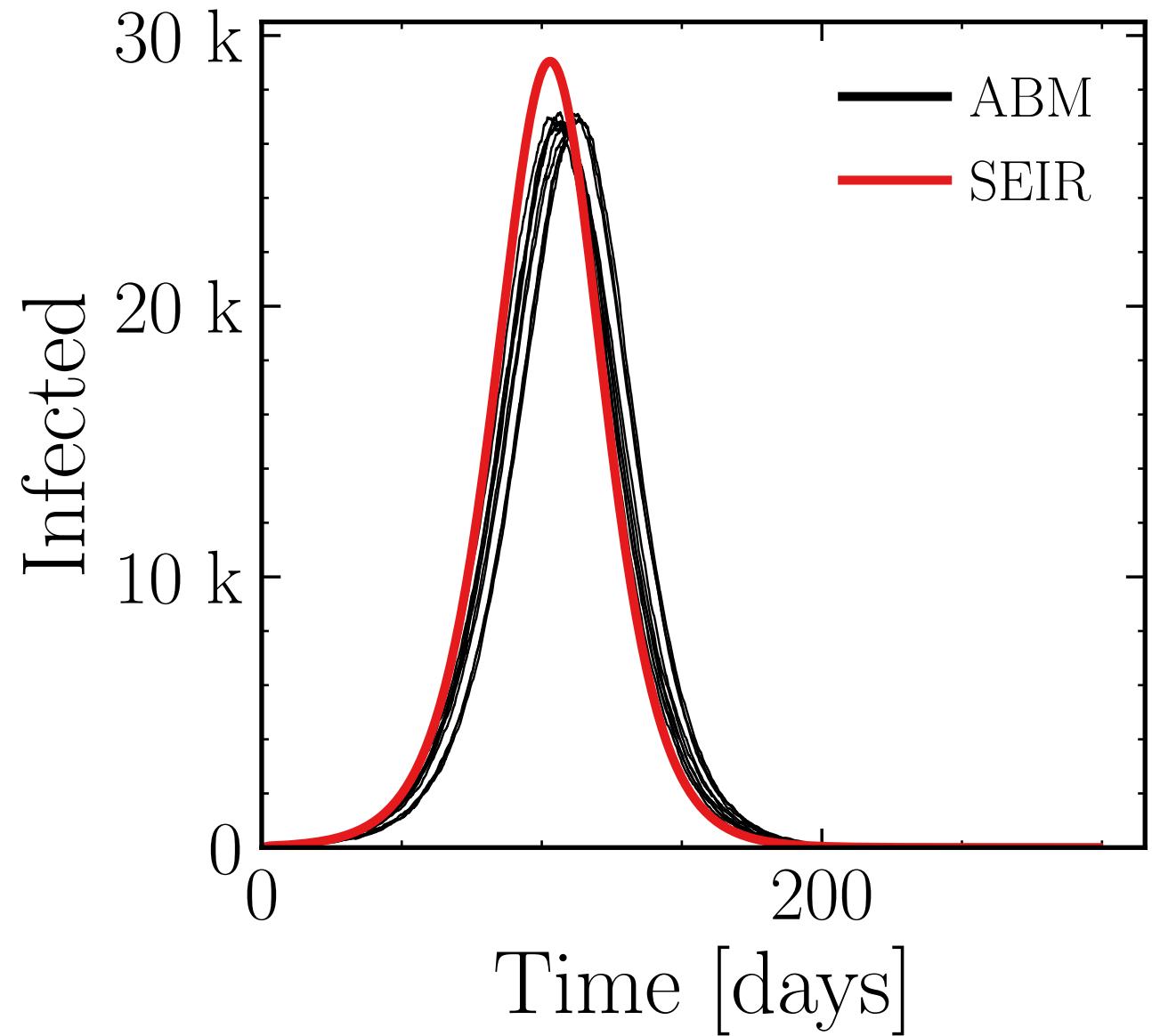
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 15, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.88 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = cb8b99f27f, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.089\%) \cdot 10^3$



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

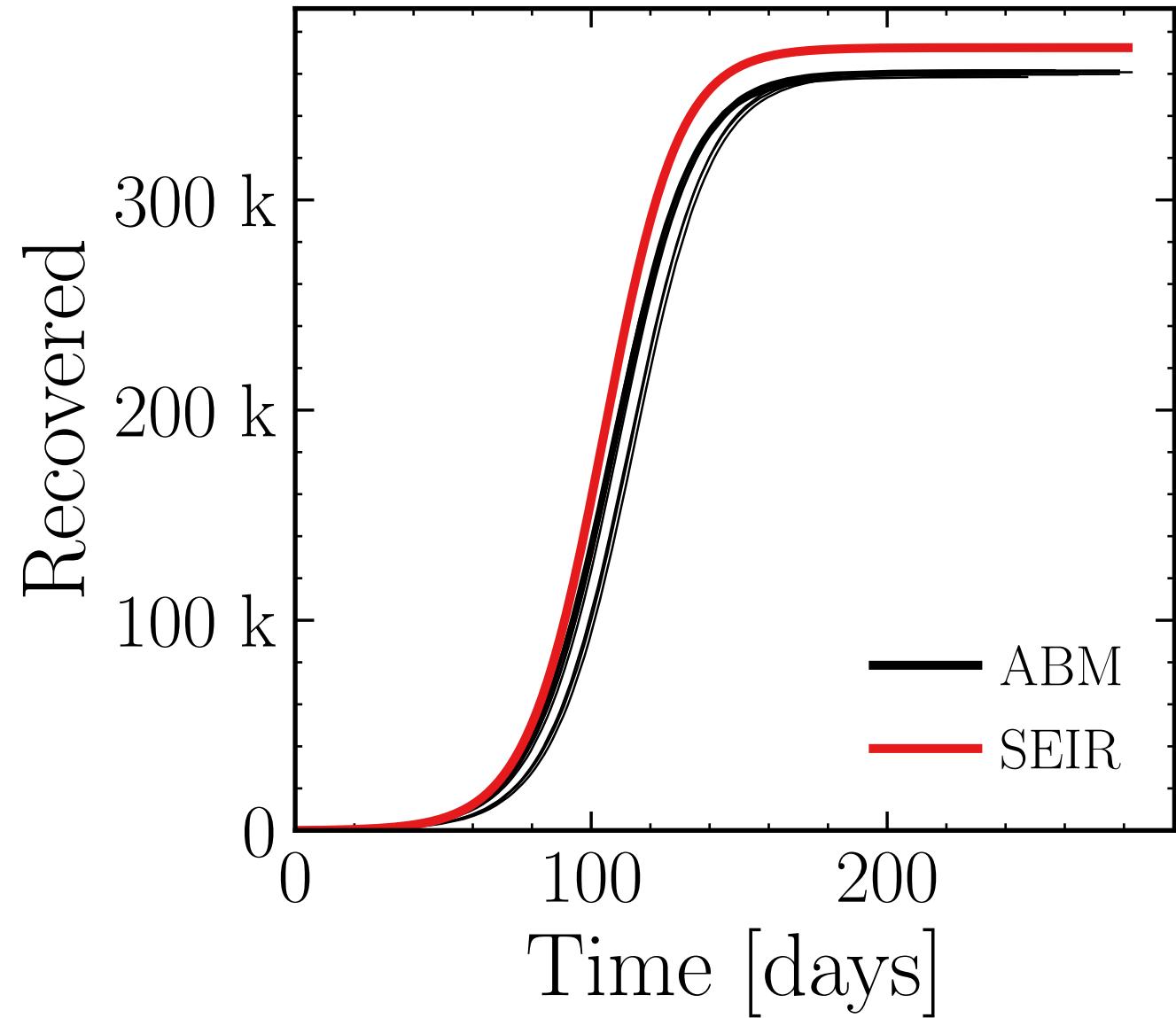
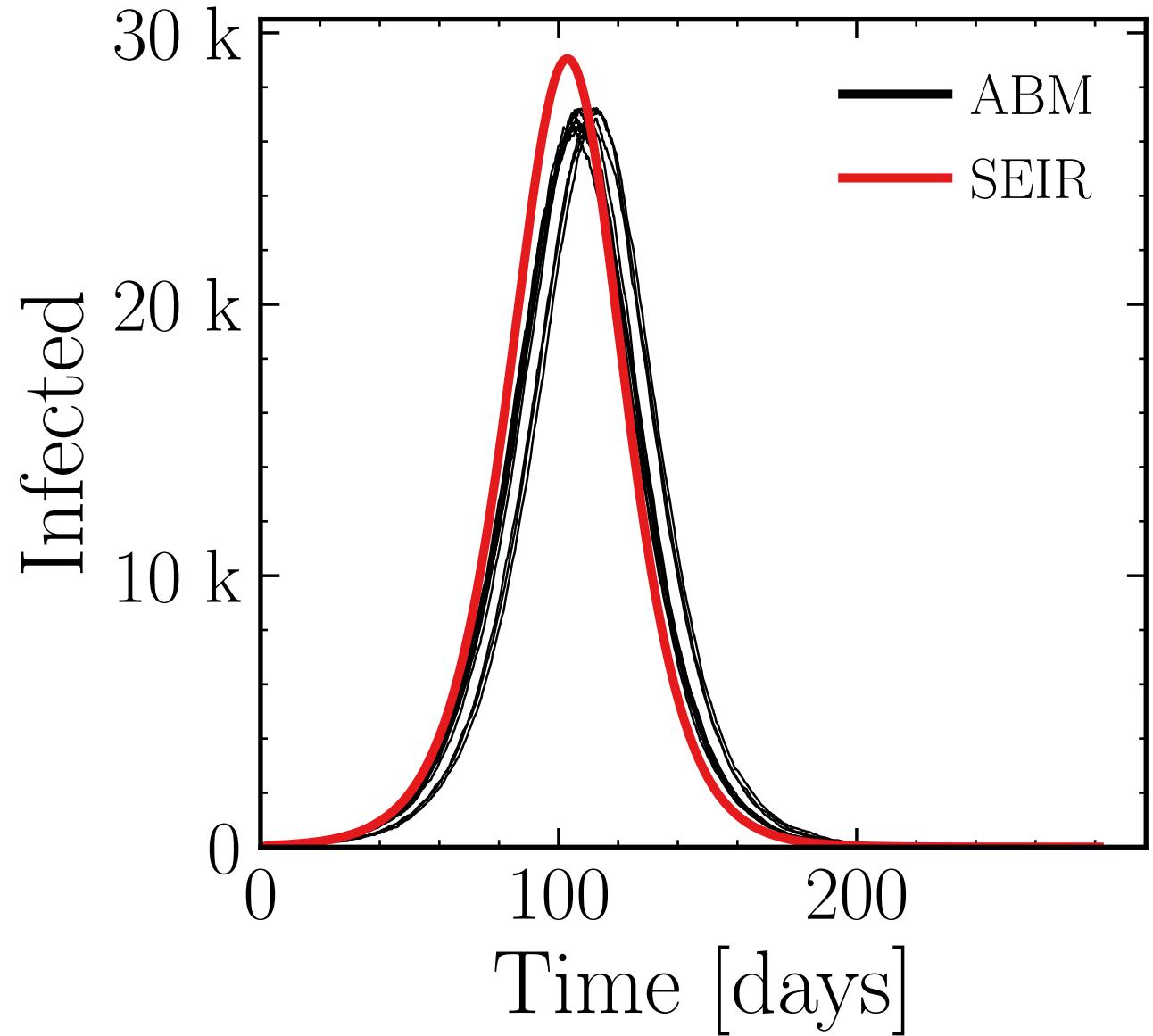
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (26.9 \pm 0.33\%) \cdot 10^3$

v. = 1.0, hash = 0cd1b6196a, #10

$R_{\infty}^{\text{ABM}} = (360.4 \pm 0.085\%) \cdot 10^3$



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

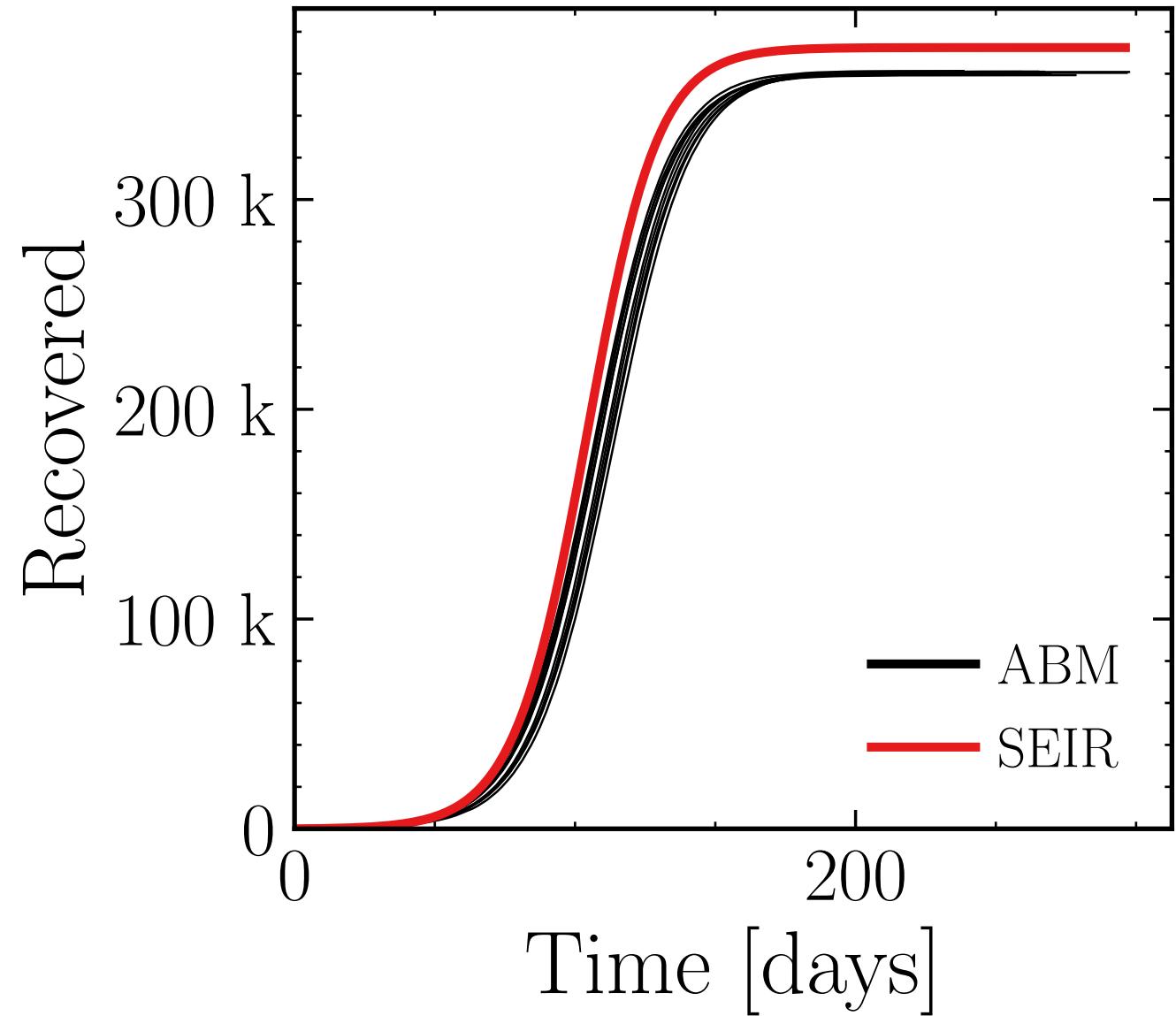
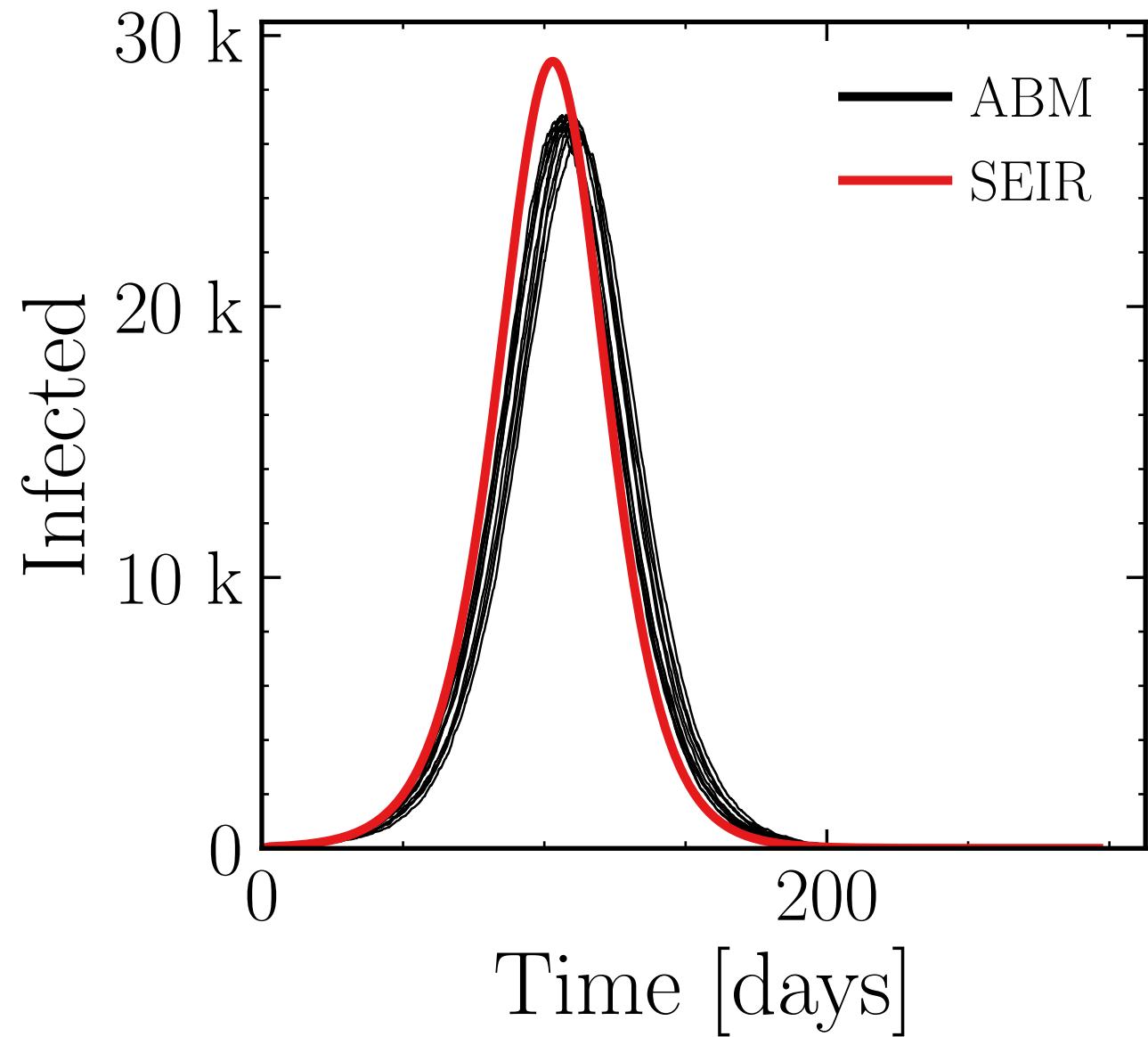
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 30, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.78 \pm 0.33\%) \cdot 10^3$

v. = 1.0, hash = 82f109dc6e, #10

$R_{\infty}^{\text{ABM}} = (360.5 \pm 0.05\%) \cdot 10^3$



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

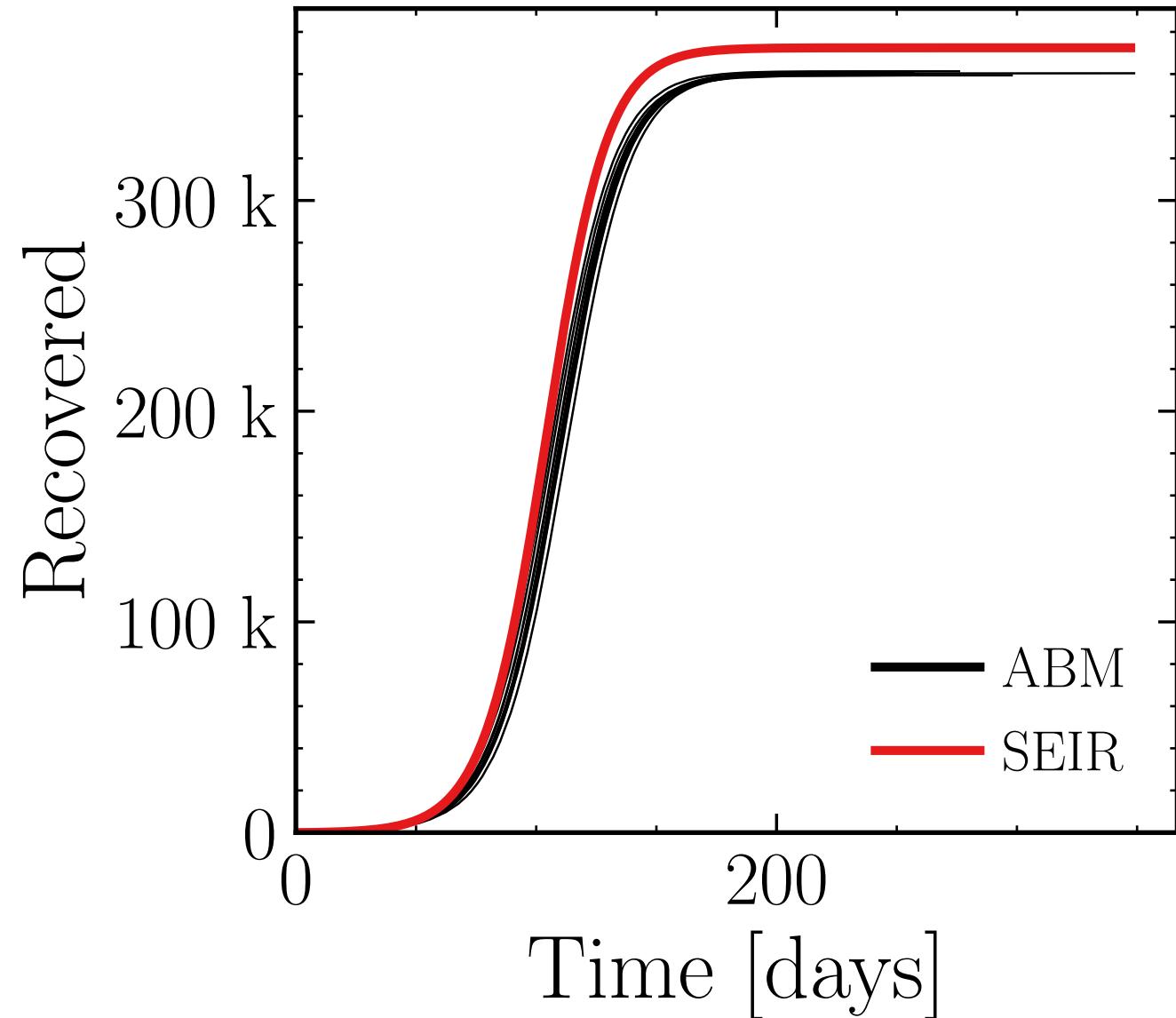
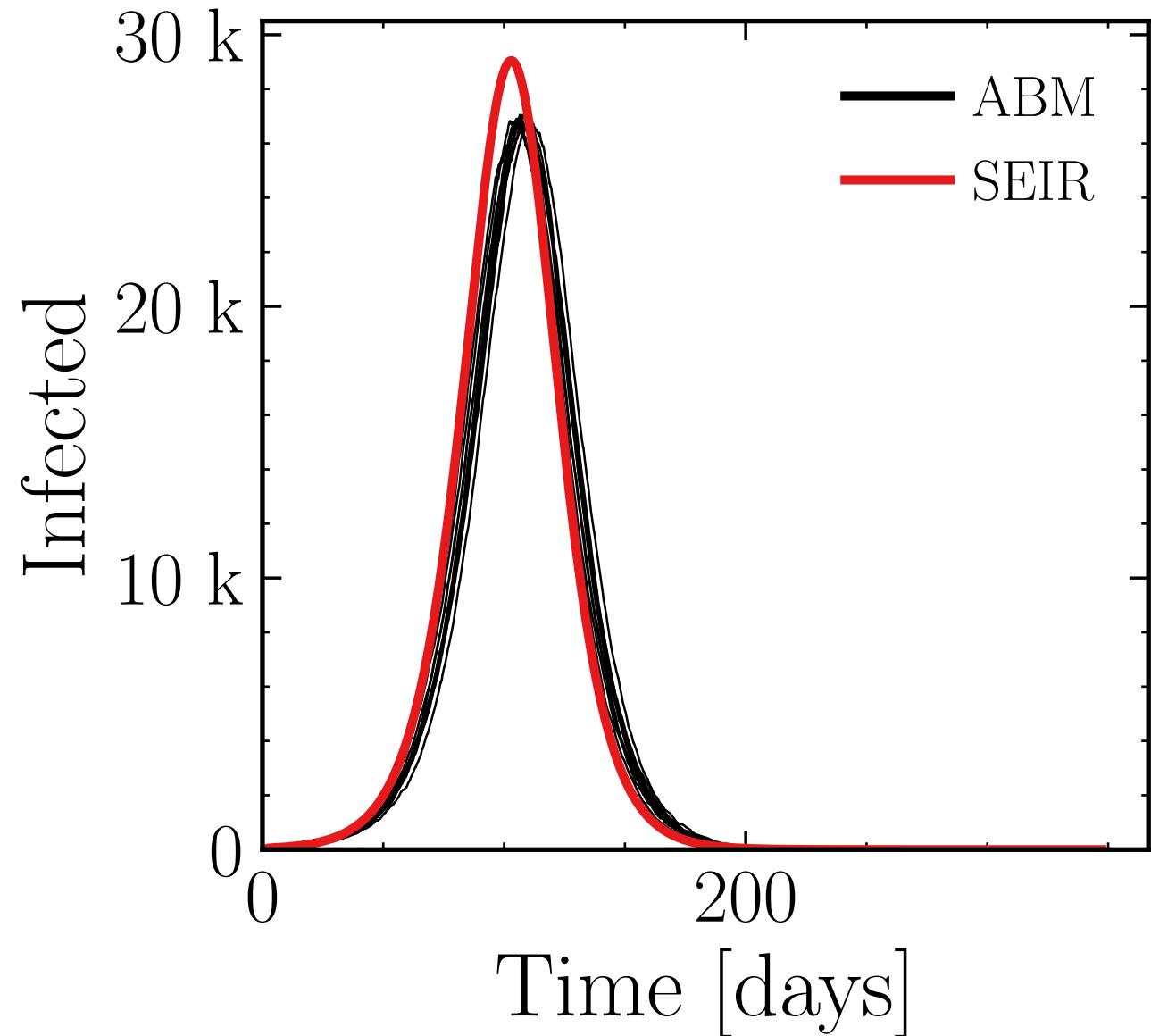
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 40, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.89 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 5afb261391, #10

$R_{\infty}^{\text{ABM}} = (360.4 \pm 0.045\%) \cdot 10^3$



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

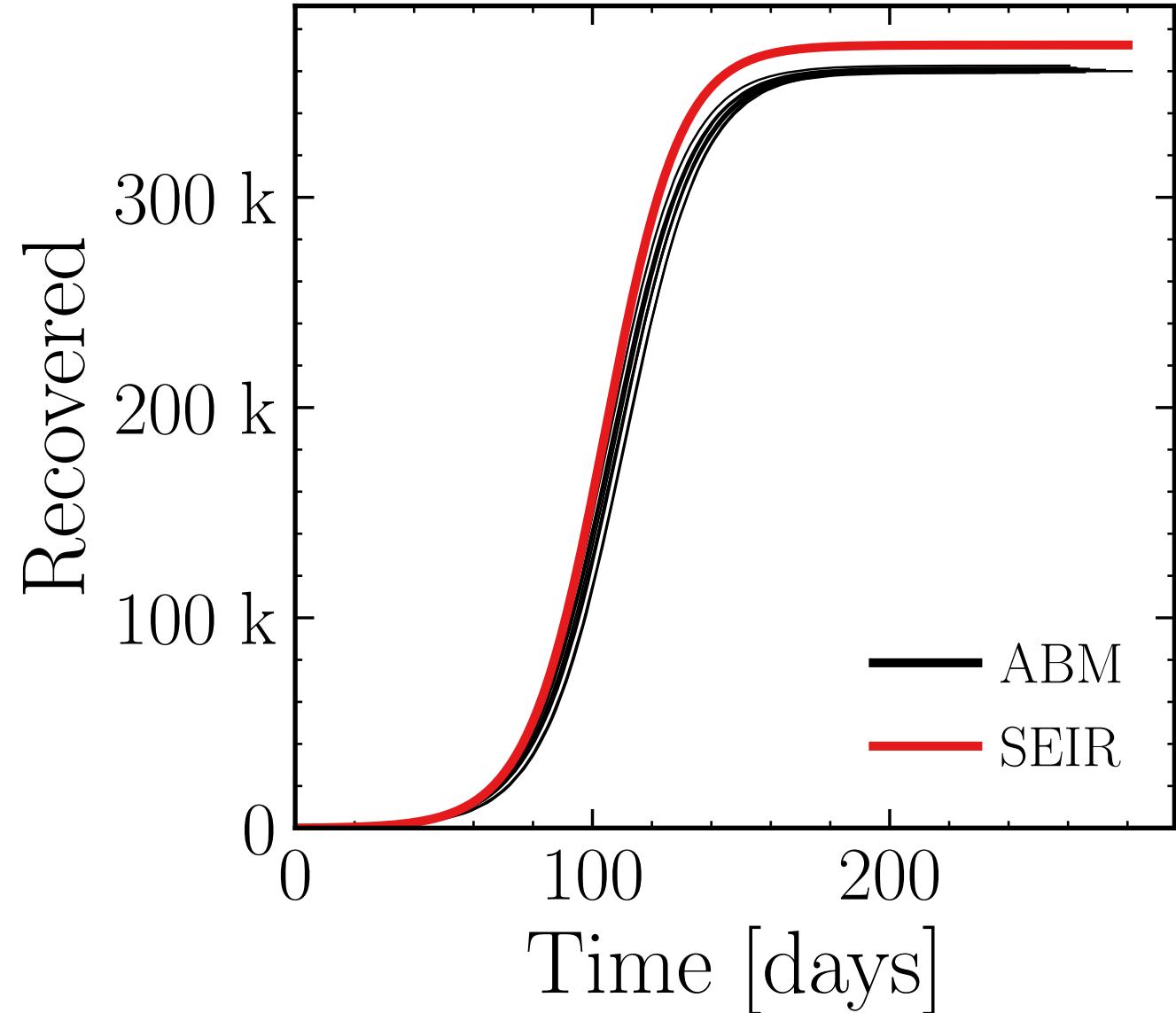
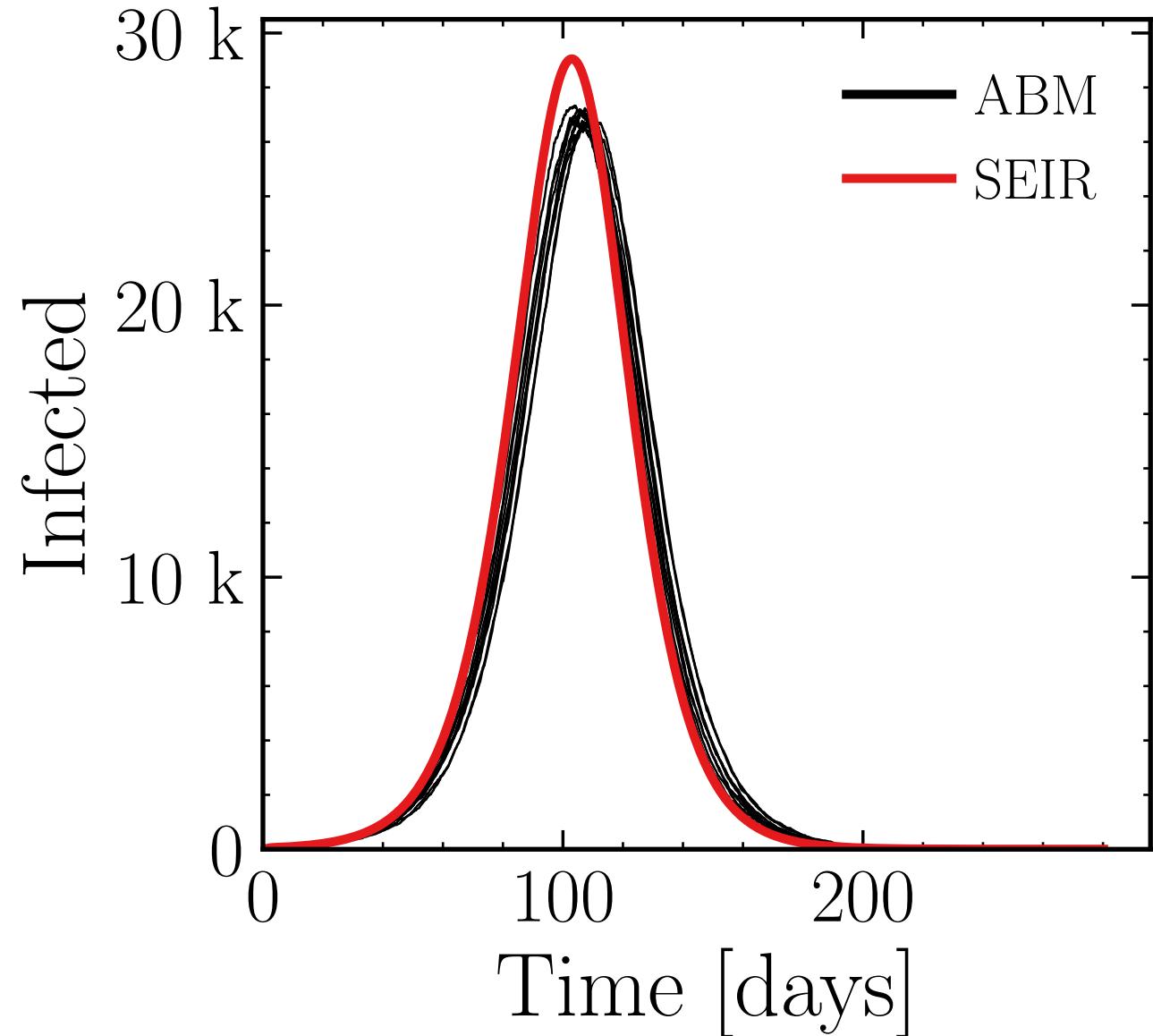
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 50, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.94 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 72ca2f57e2, #10

$R_{\infty}^{\text{ABM}} = (360.7 \pm 0.094\%) \cdot 10^3$



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

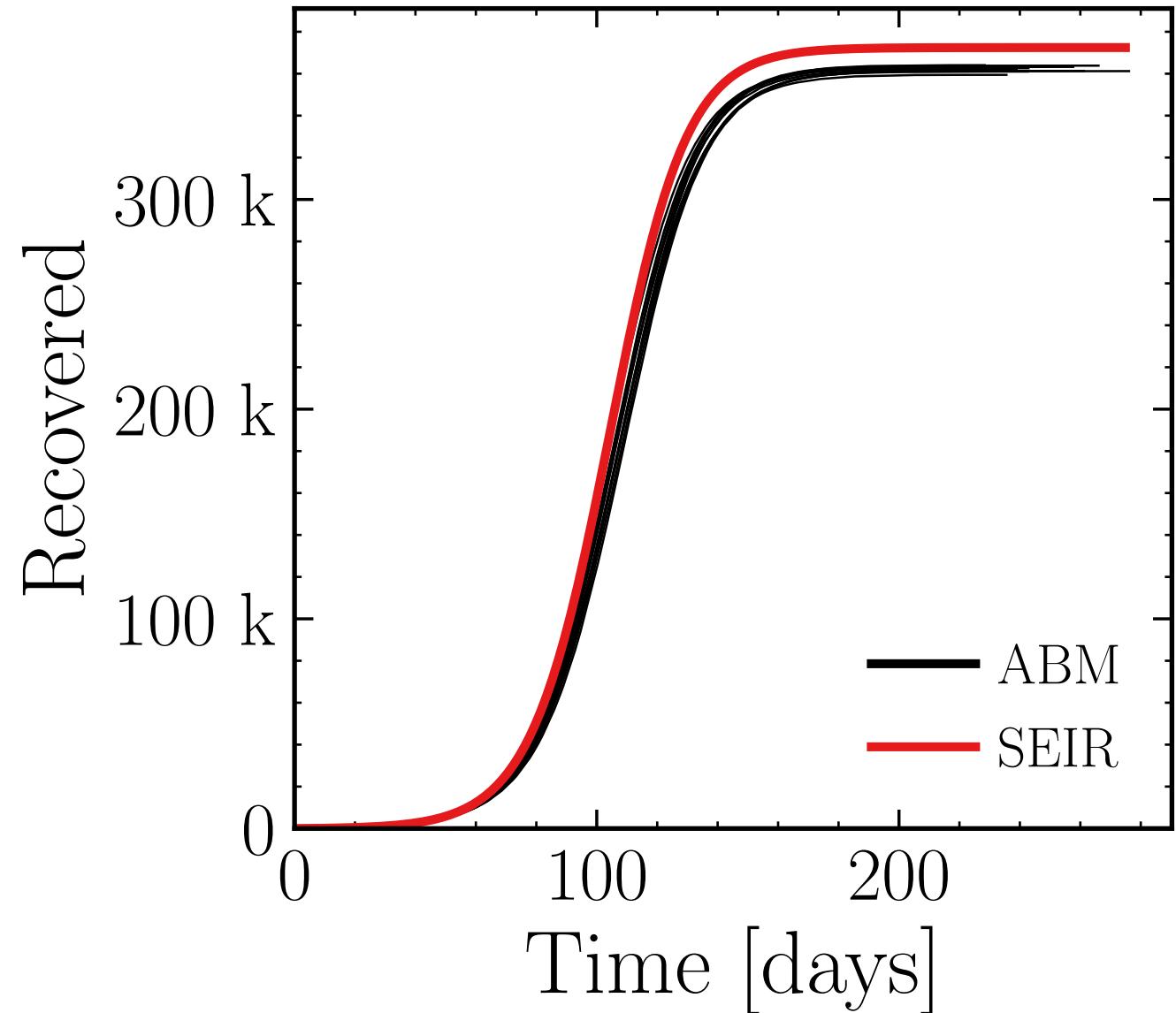
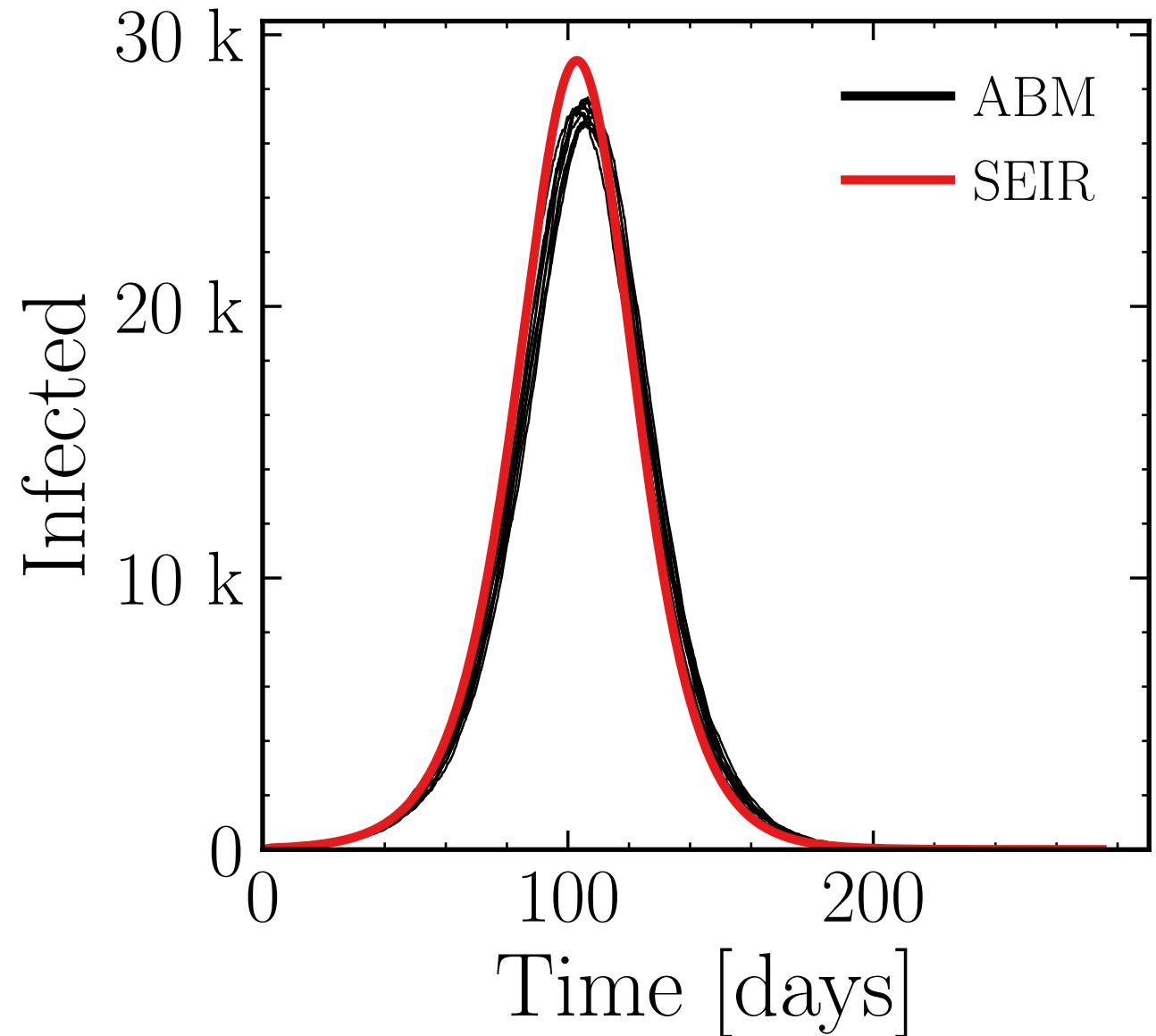
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 100$, event_{size_{max}} = 75, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.3 \pm 0.37\%) \cdot 10^3$

v. = 1.0, hash = 7de47759eb, #10

$R_\infty^{\text{ABM}} = (362.2 \pm 0.12\%) \cdot 10^3$



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

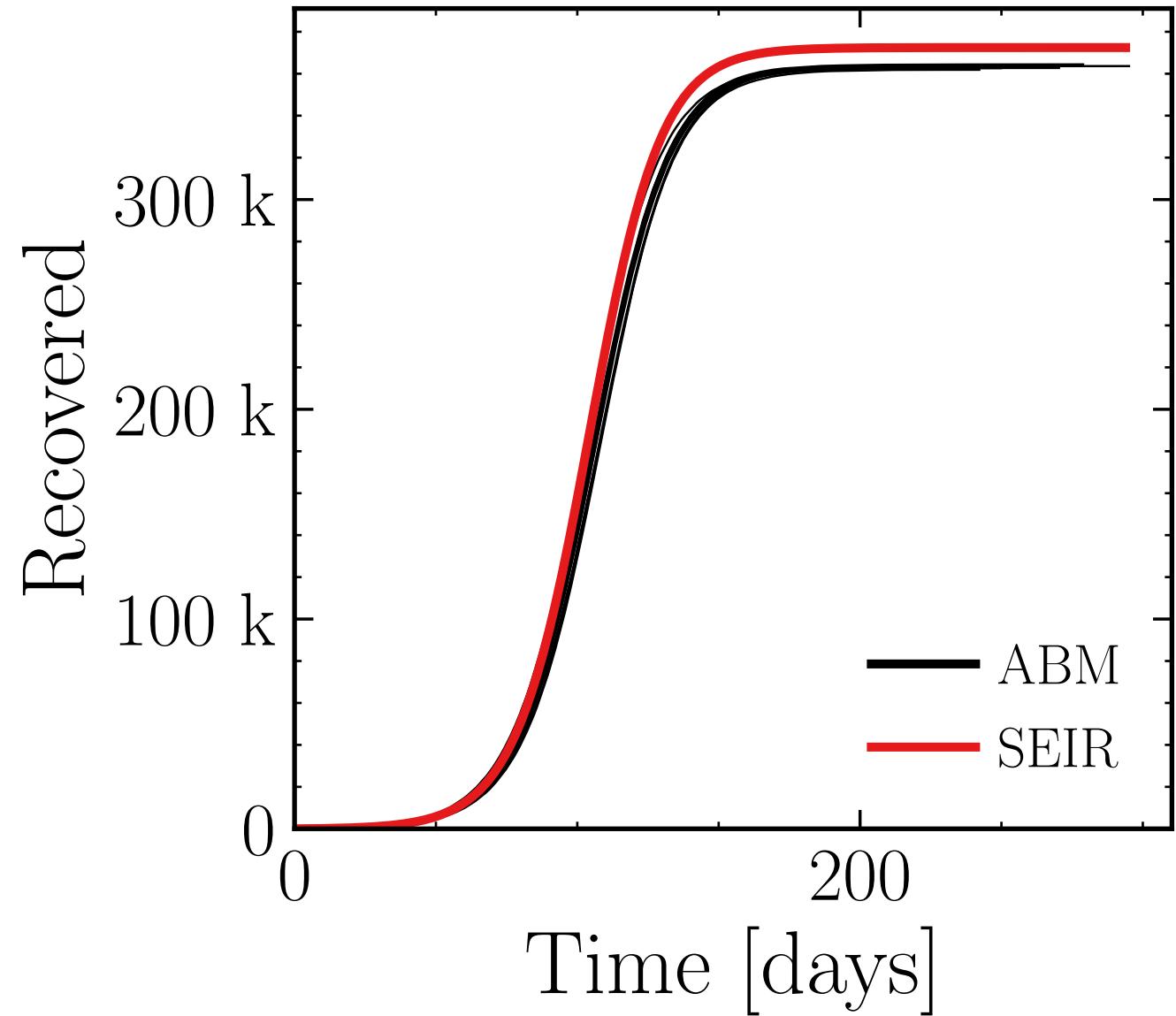
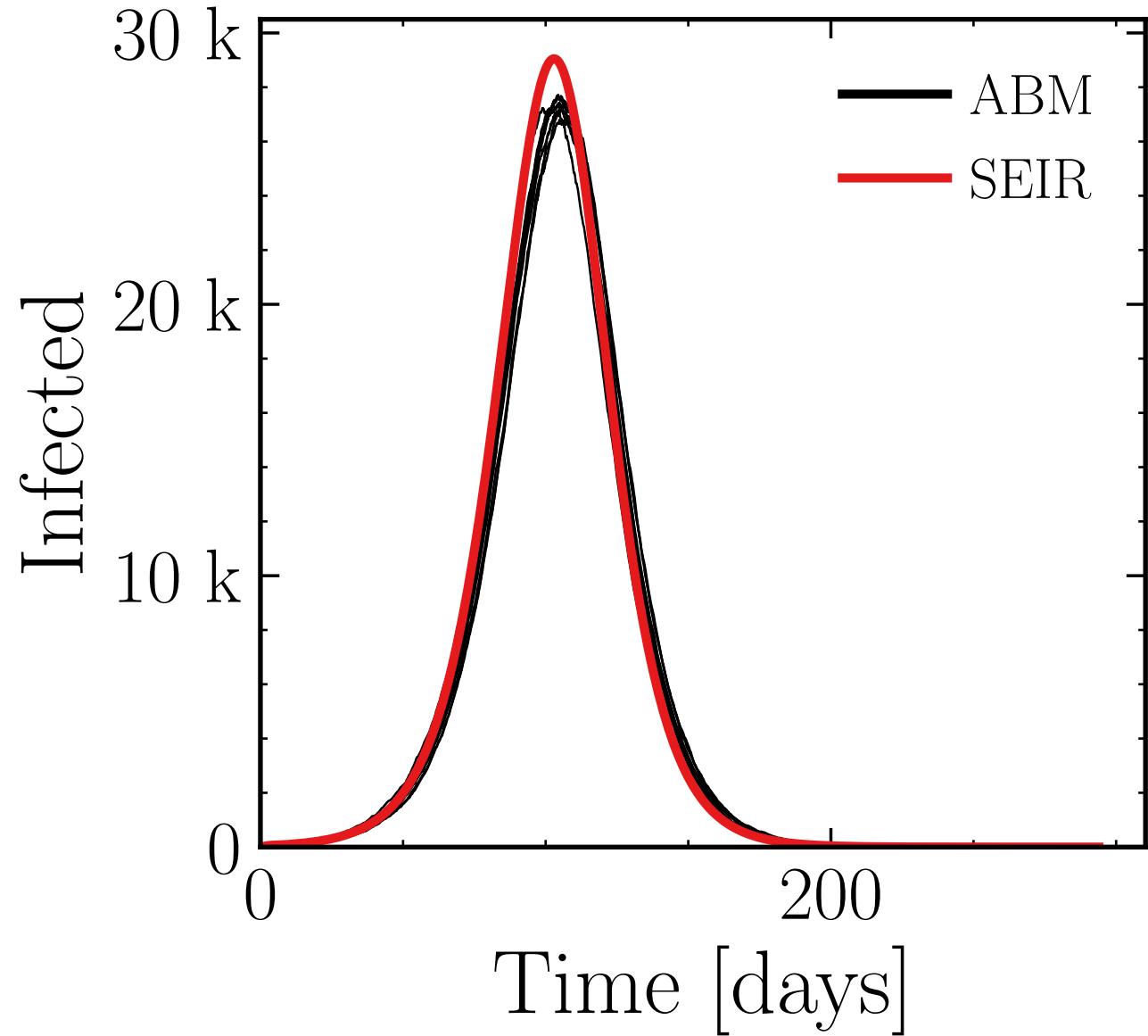
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (27.39 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 3fc1208bf, #10

$R_{\infty}^{\text{ABM}} = (363.2 \pm 0.06\%) \cdot 10^3$



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

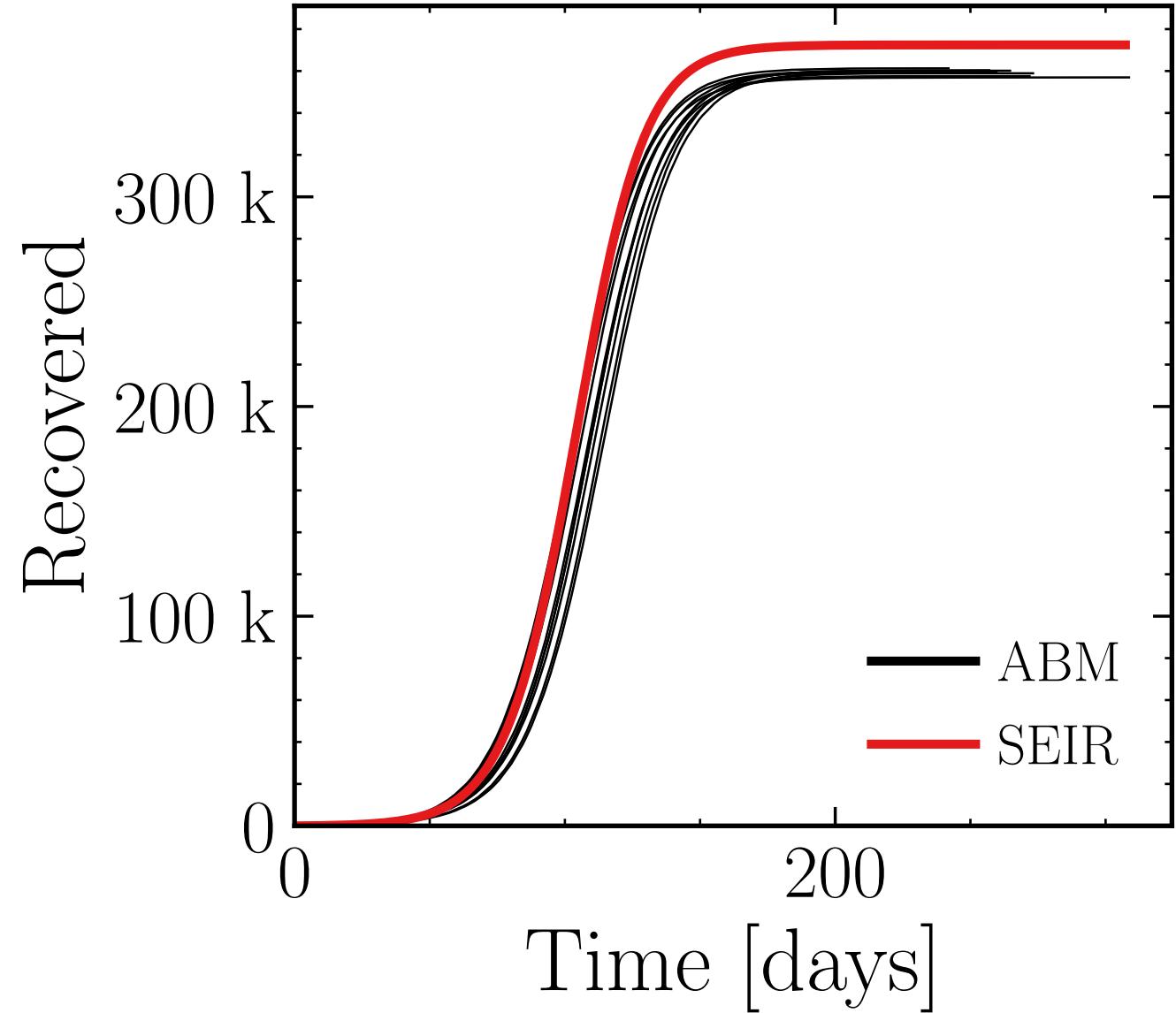
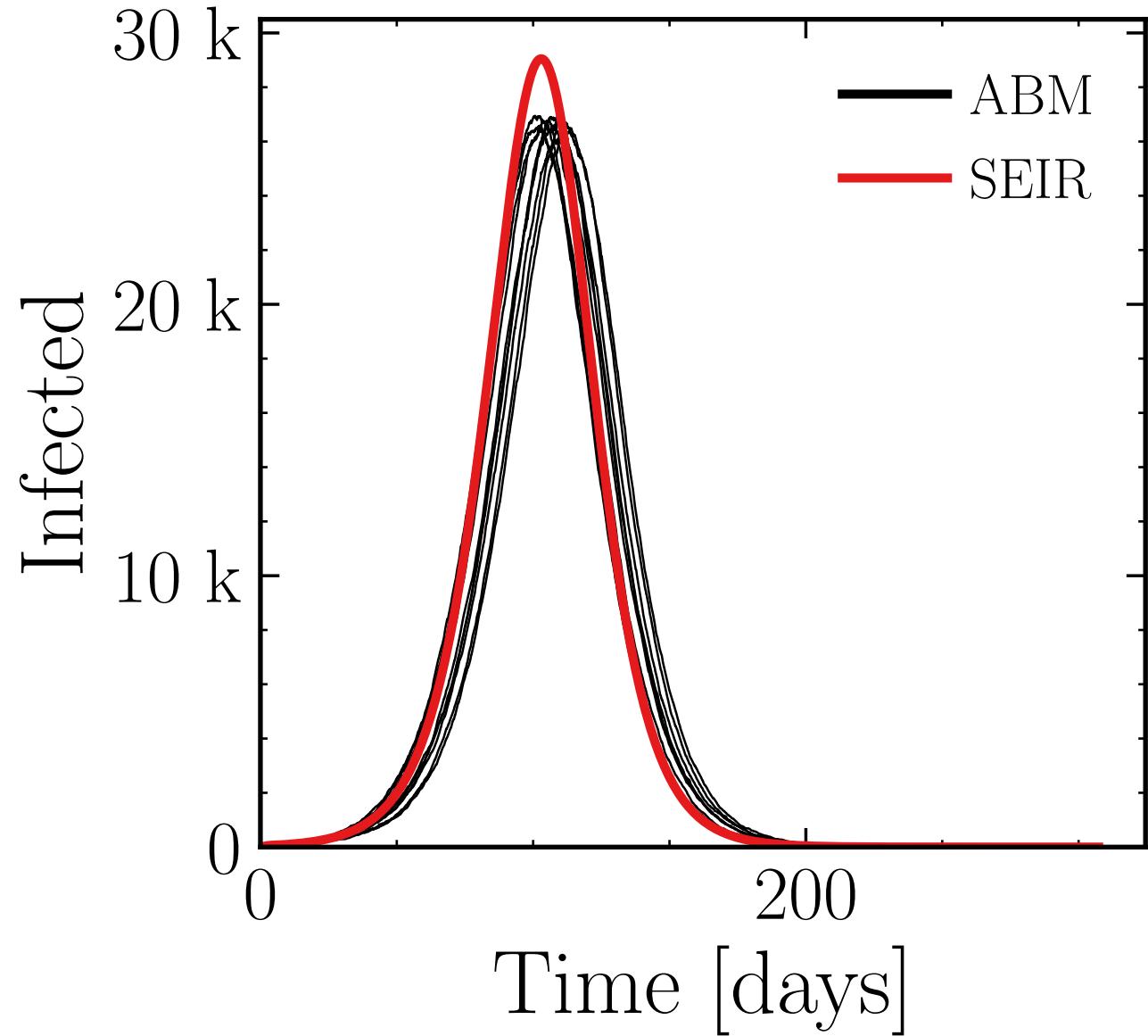
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (26.64 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 5cdcd5af7, #10

$R_{\infty}^{\text{ABM}} = (359.4 \pm 0.11\%) \cdot 10^3$



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

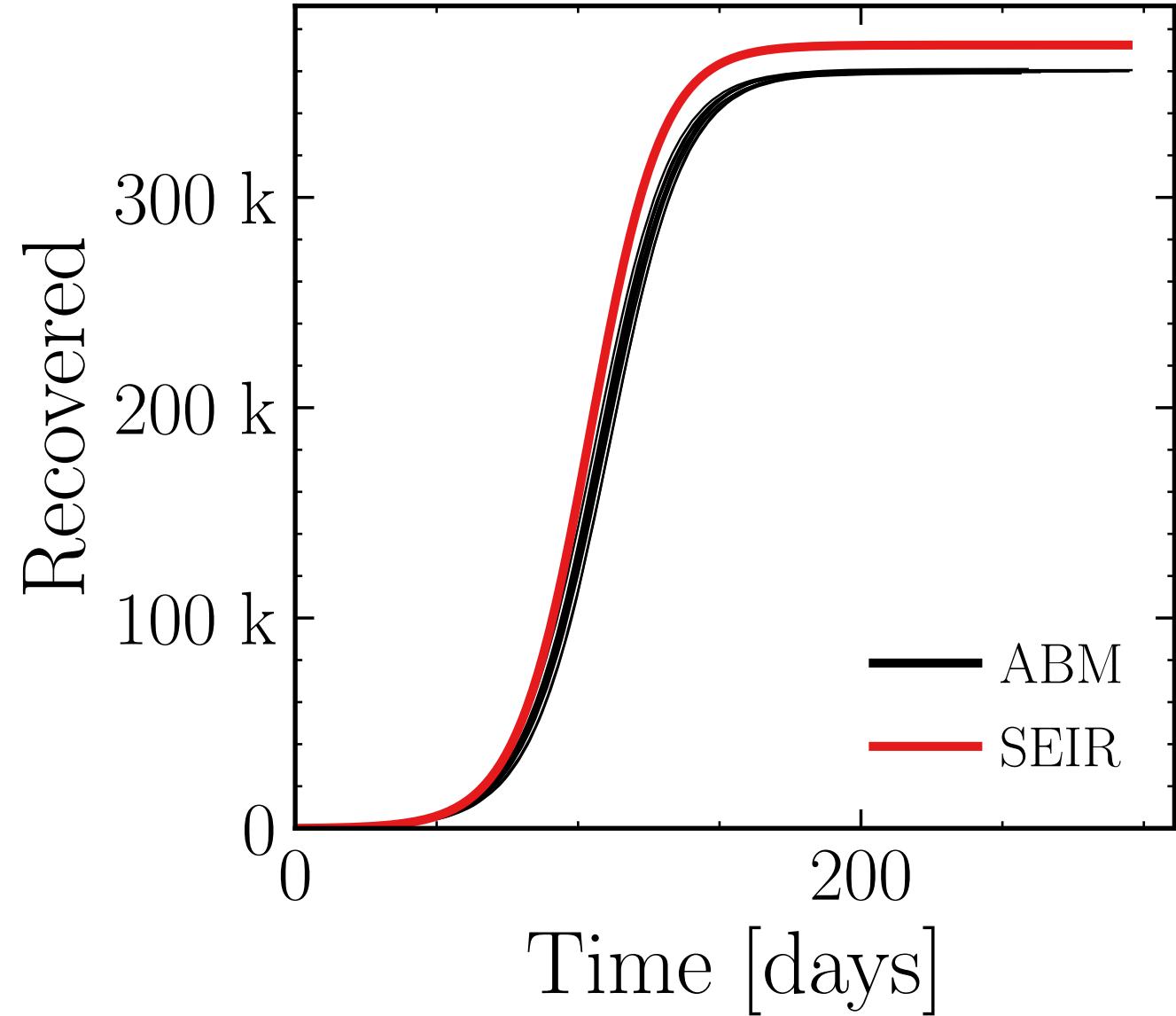
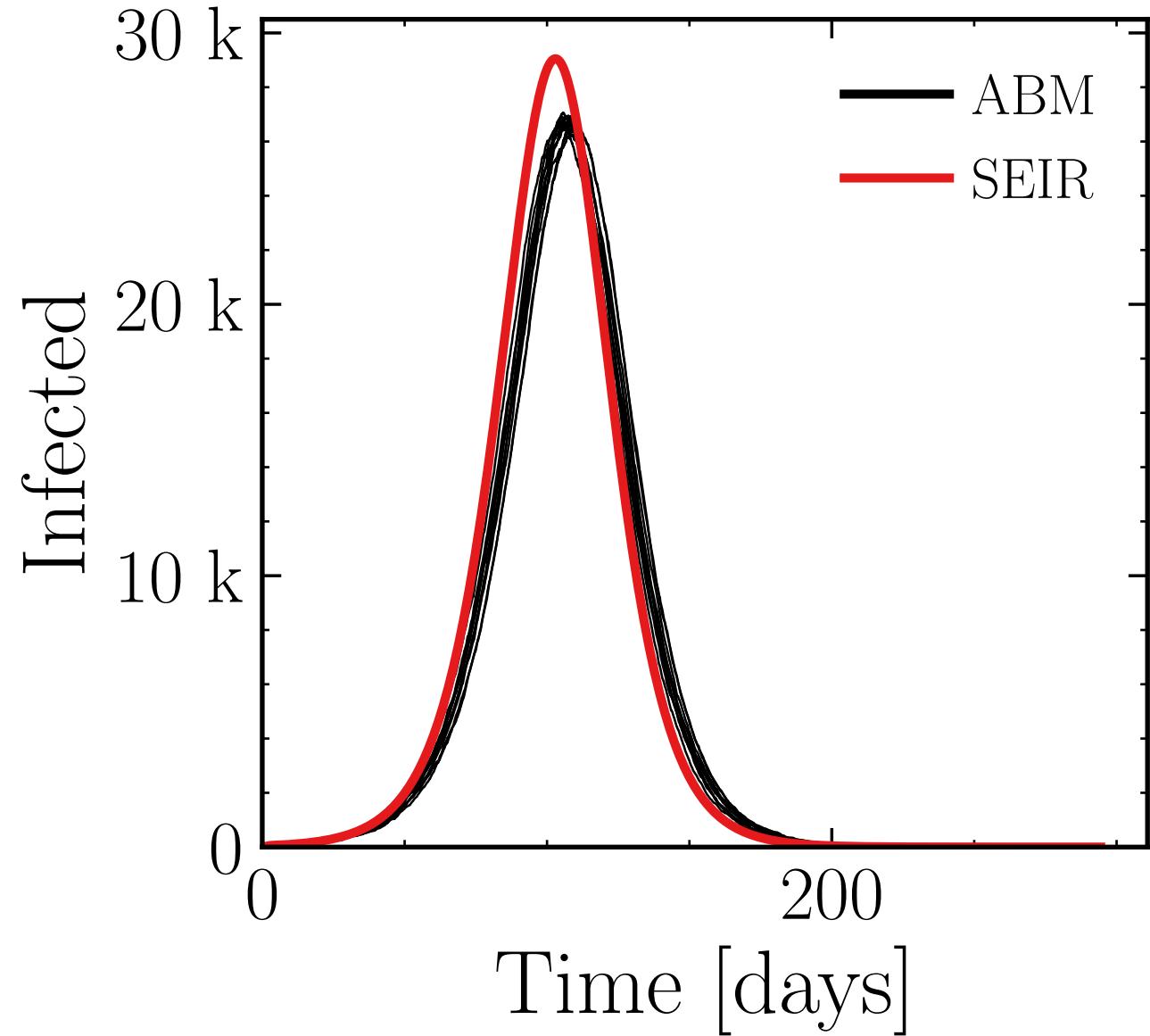
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 2, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.76 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = ac9adb9905, #10

$R_{\infty}^{\text{ABM}} = (360 \pm 0.055\%) \cdot 10^3$



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

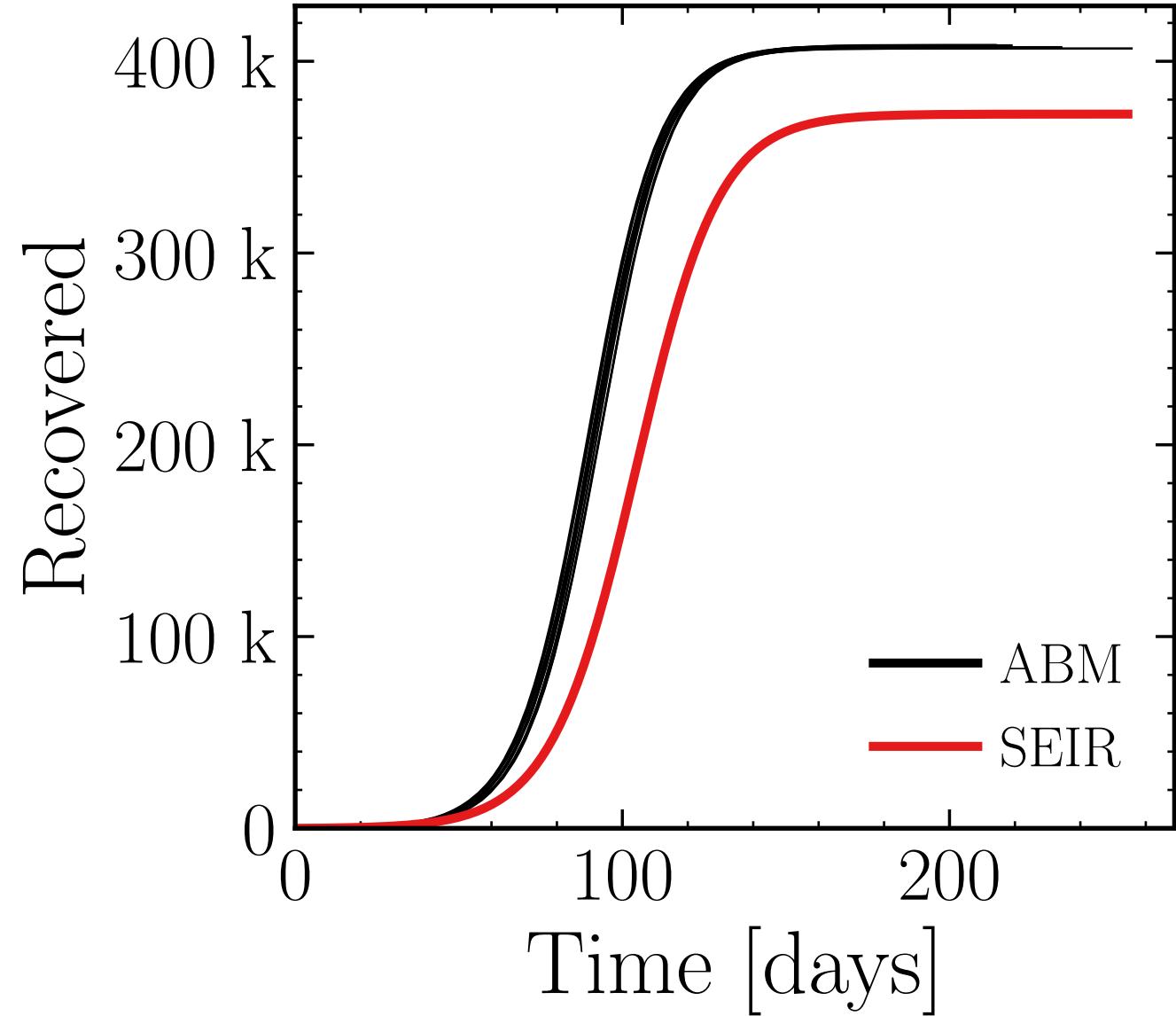
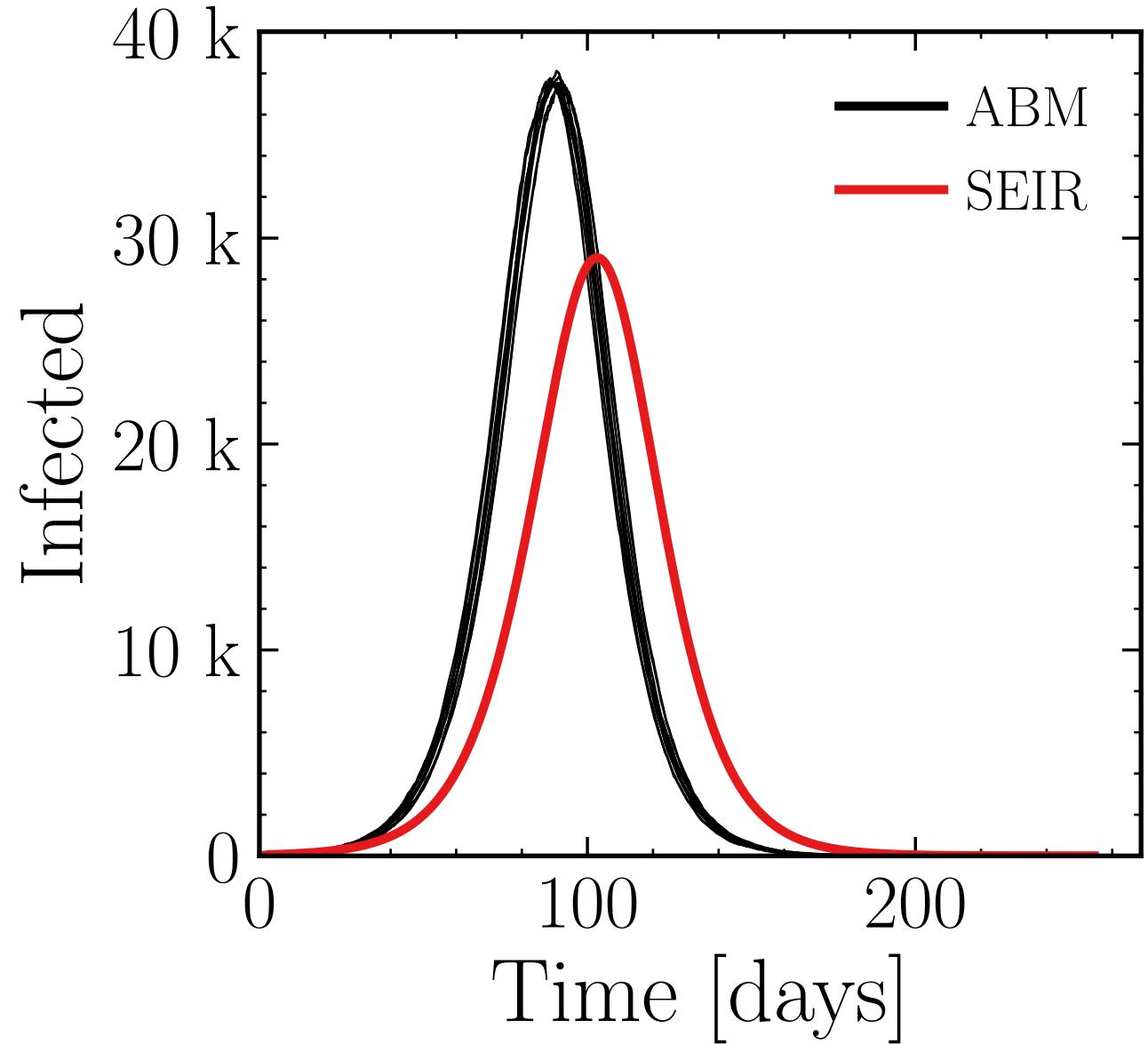
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (37.64 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 2e883cdda0, #10

$R_{\infty}^{\text{ABM}} = (407.6 \pm 0.044\%) \cdot 10^3$



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

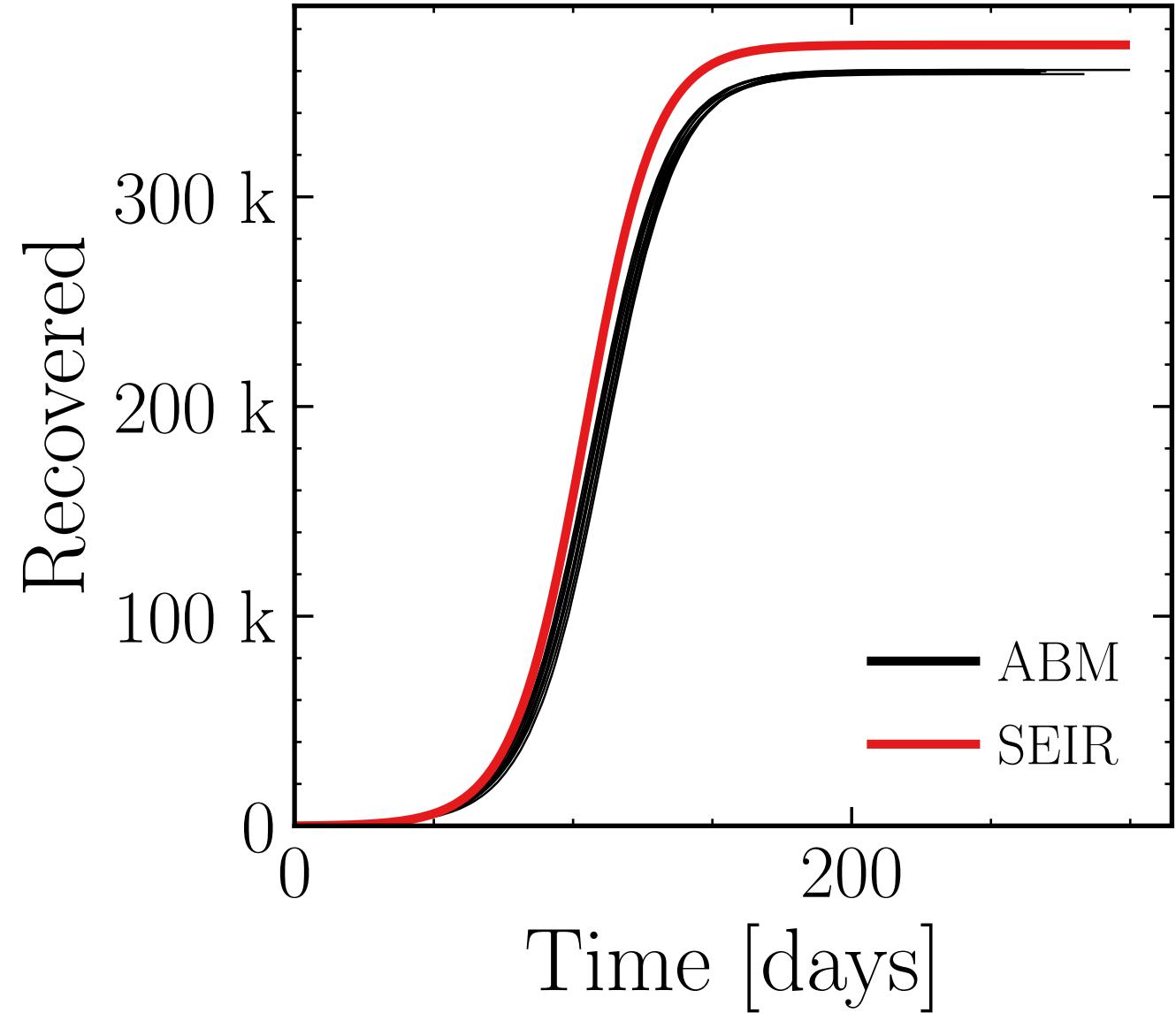
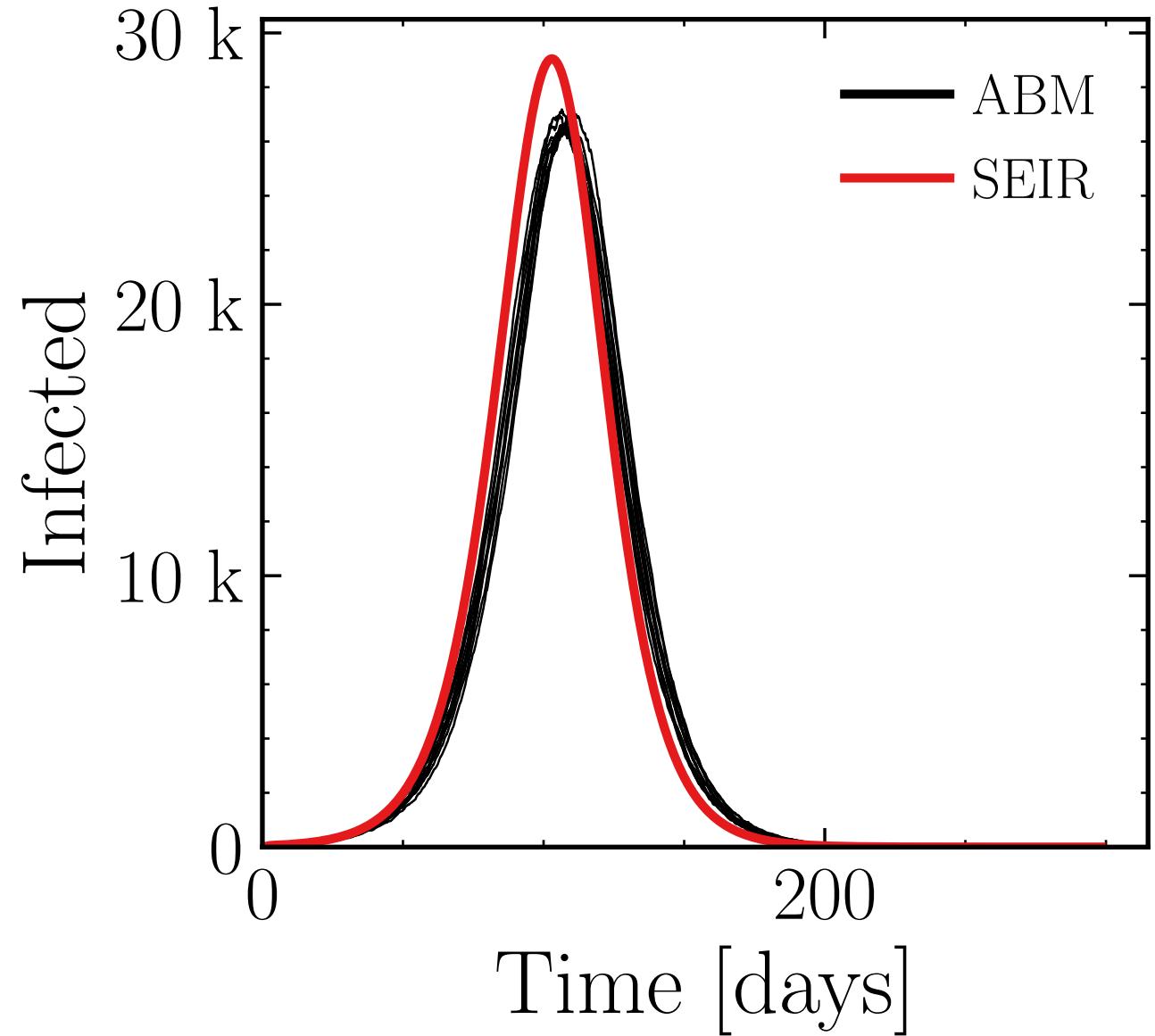
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 3, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.72 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = b34d2f338a, #10

$R_{\infty}^{\text{ABM}} = (359.7 \pm 0.06\%) \cdot 10^3$



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

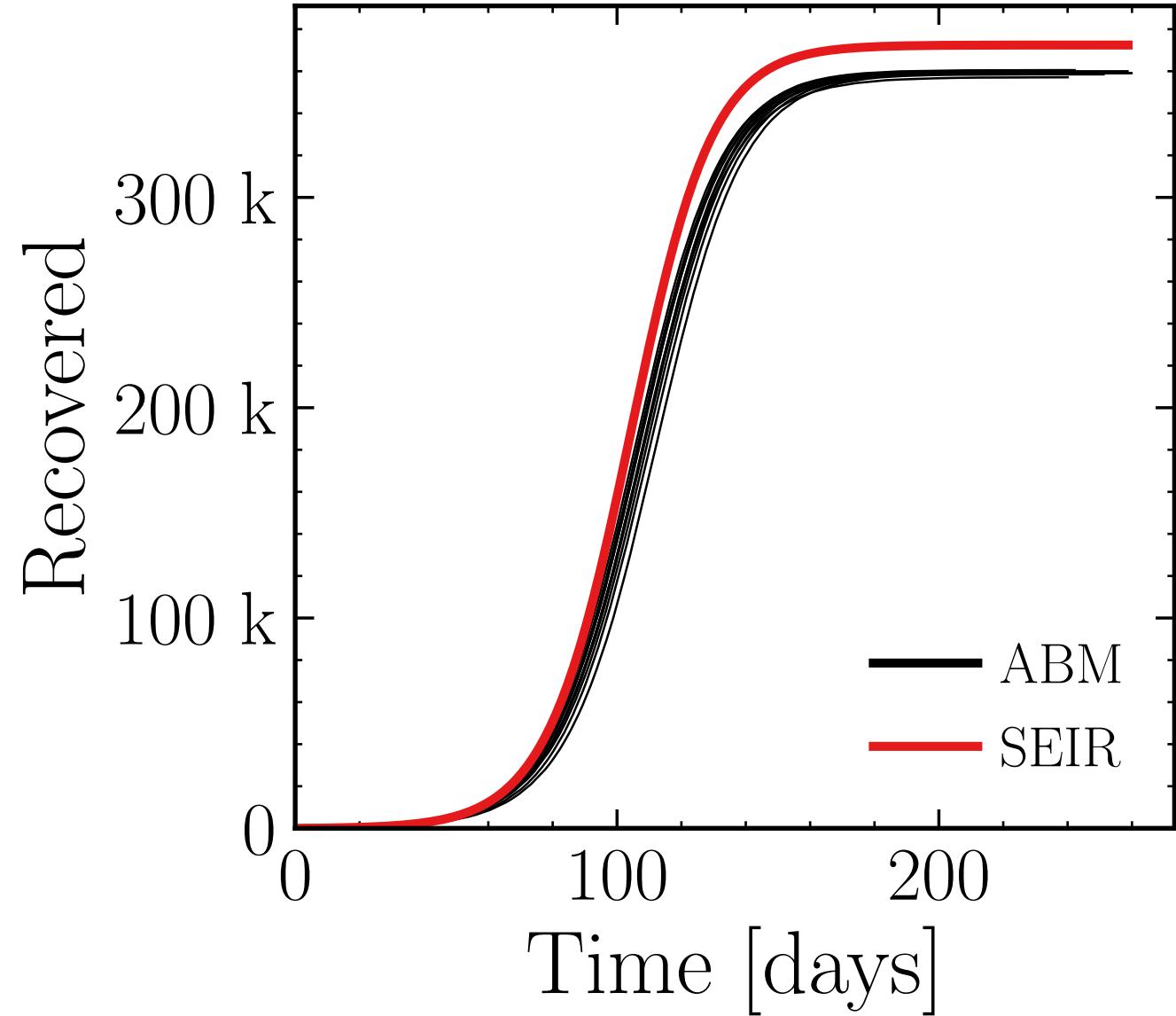
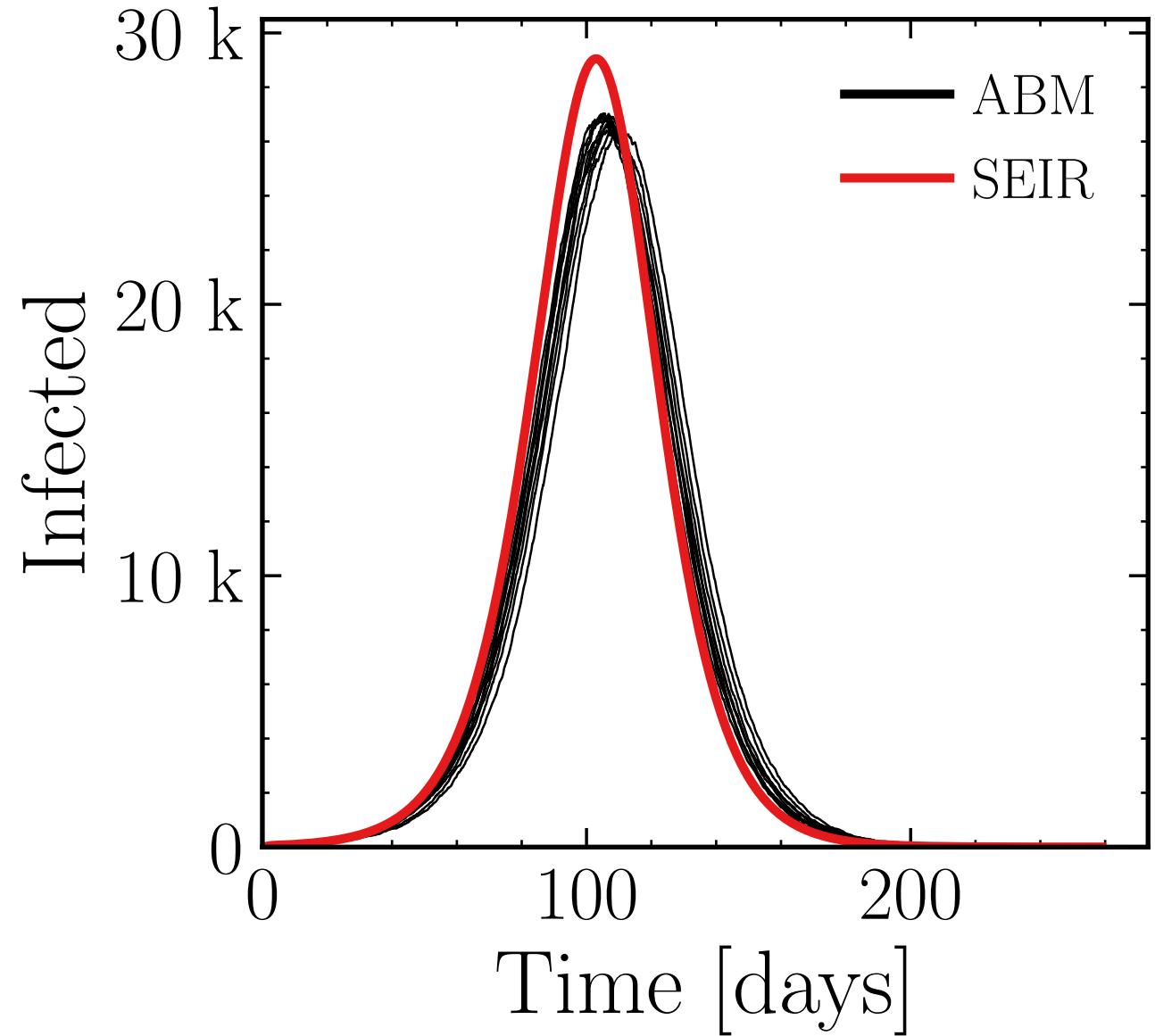
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 4, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.77 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = bbb5c98892, #10

$R_{\infty}^{\text{ABM}} = (359.2 \pm 0.078\%) \cdot 10^3$



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

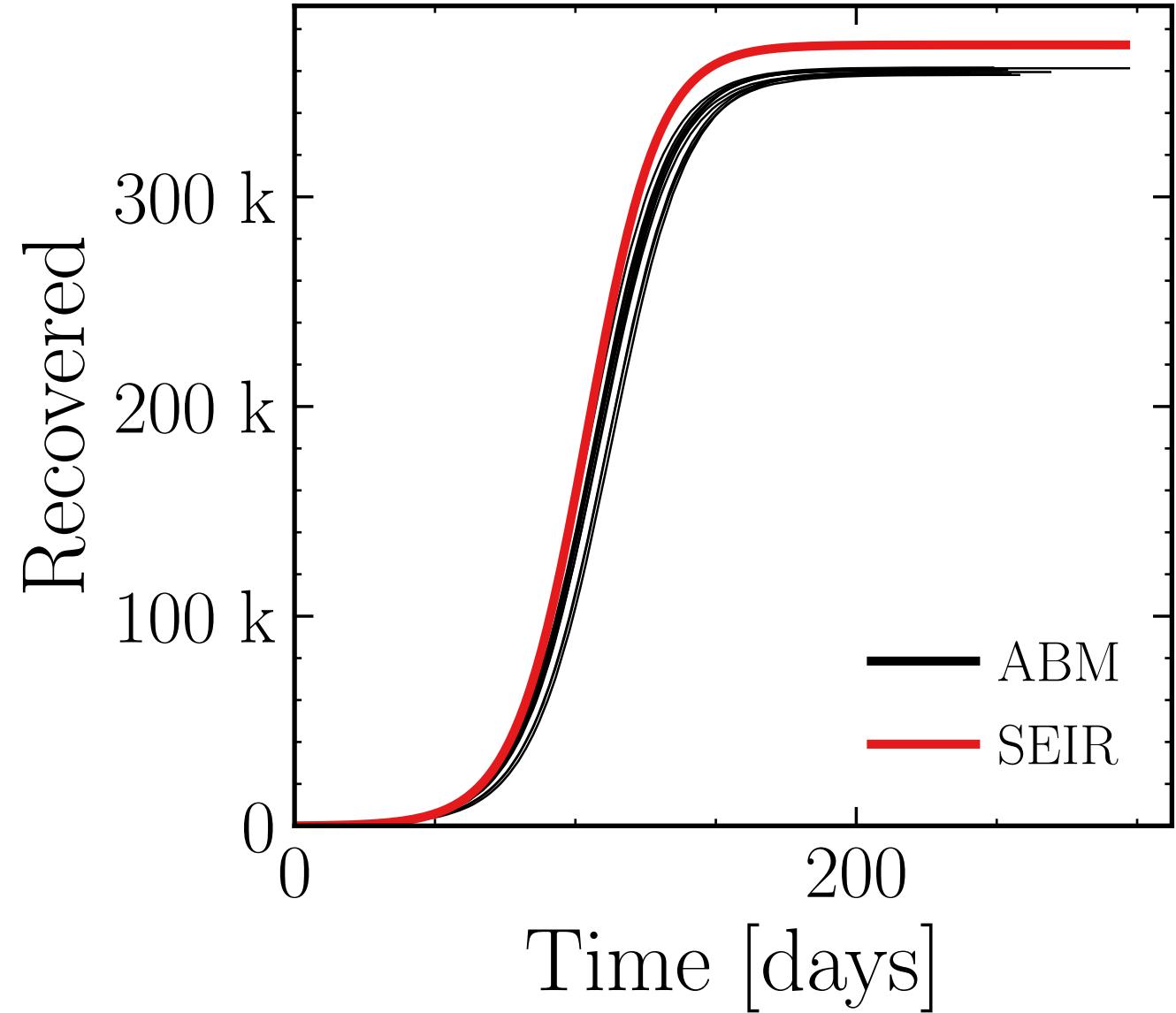
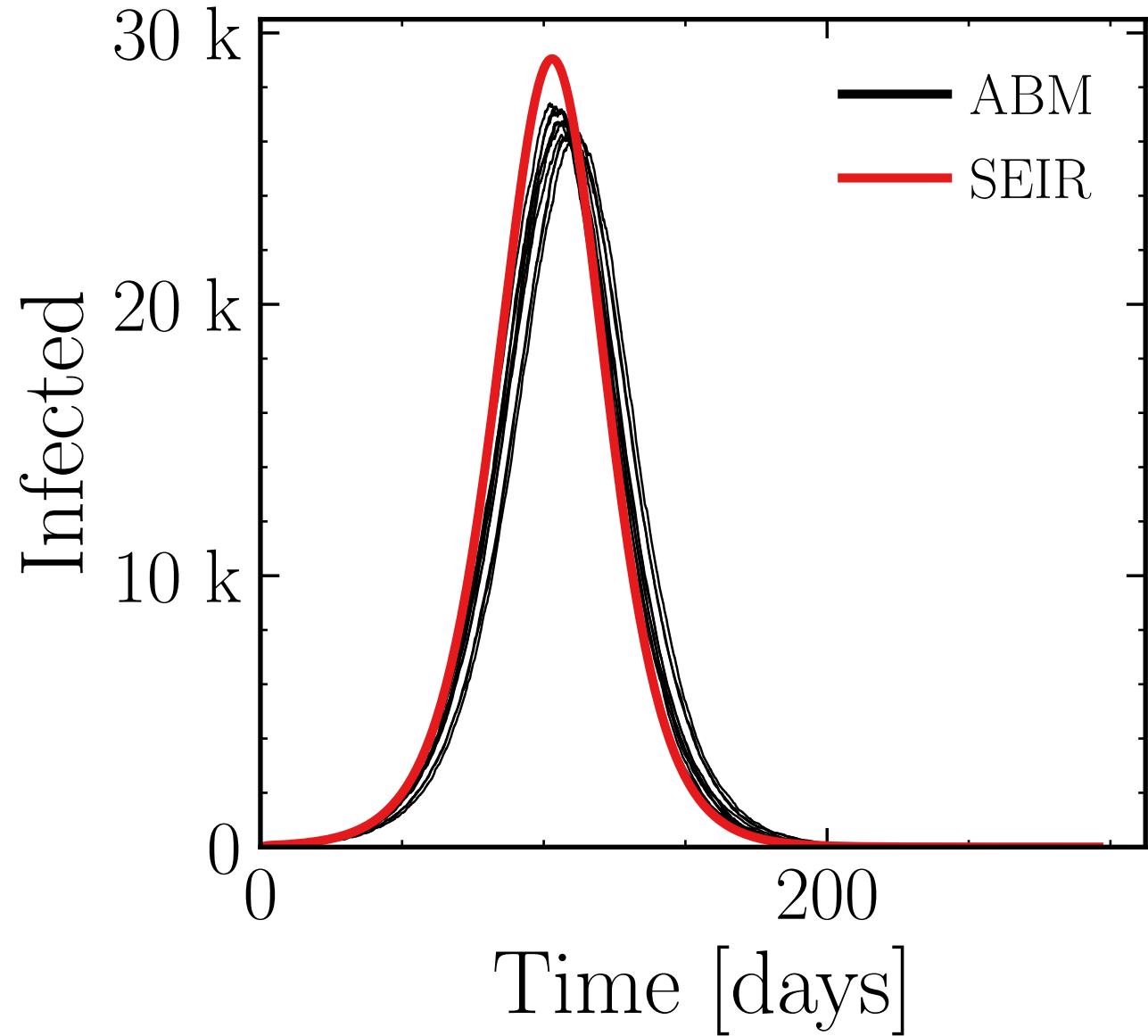
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 5, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.7 \pm 0.51\%) \cdot 10^3$

v. = 1.0, hash = 3ba32c6daa, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.1\%) \cdot 10^3$



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

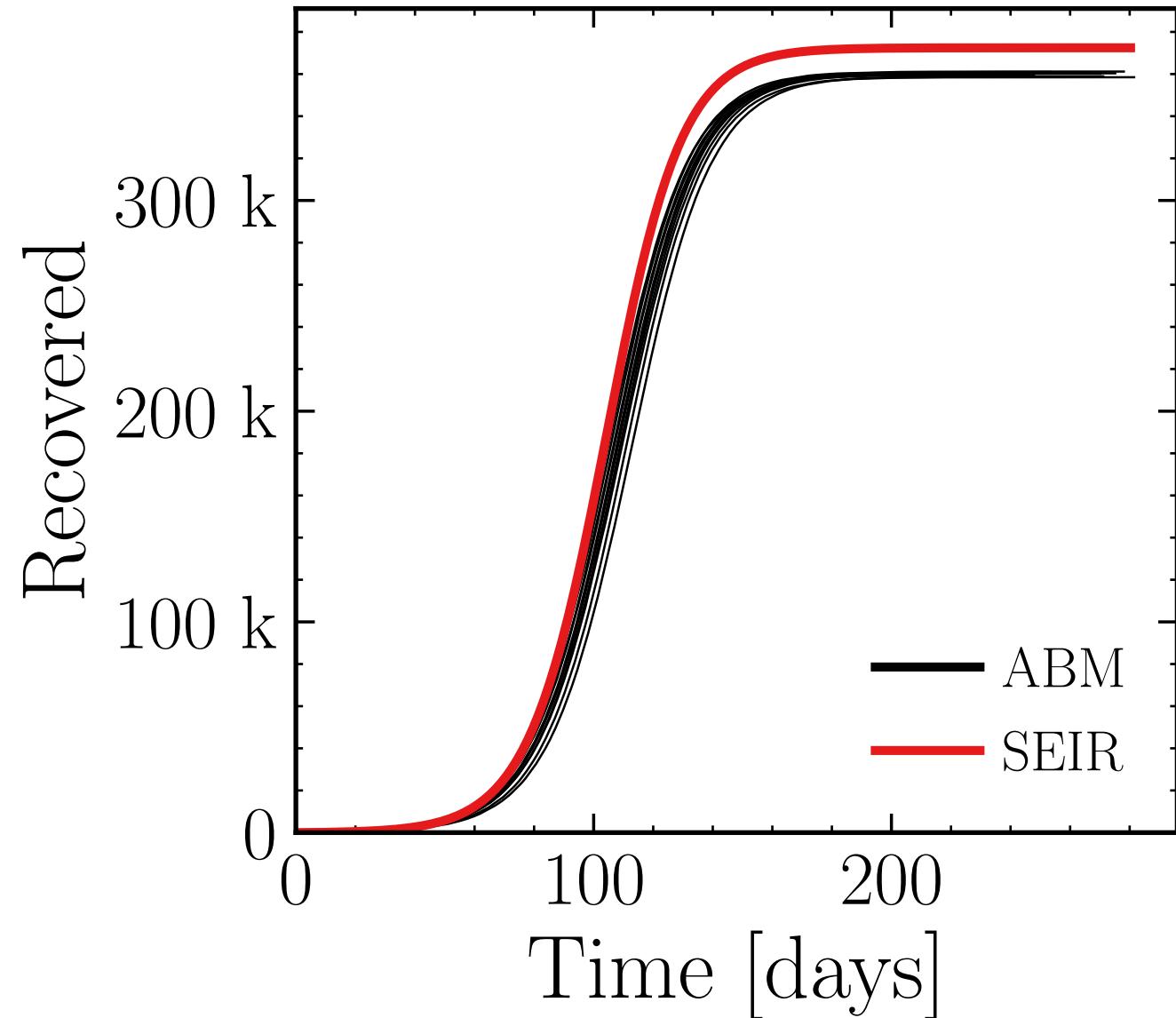
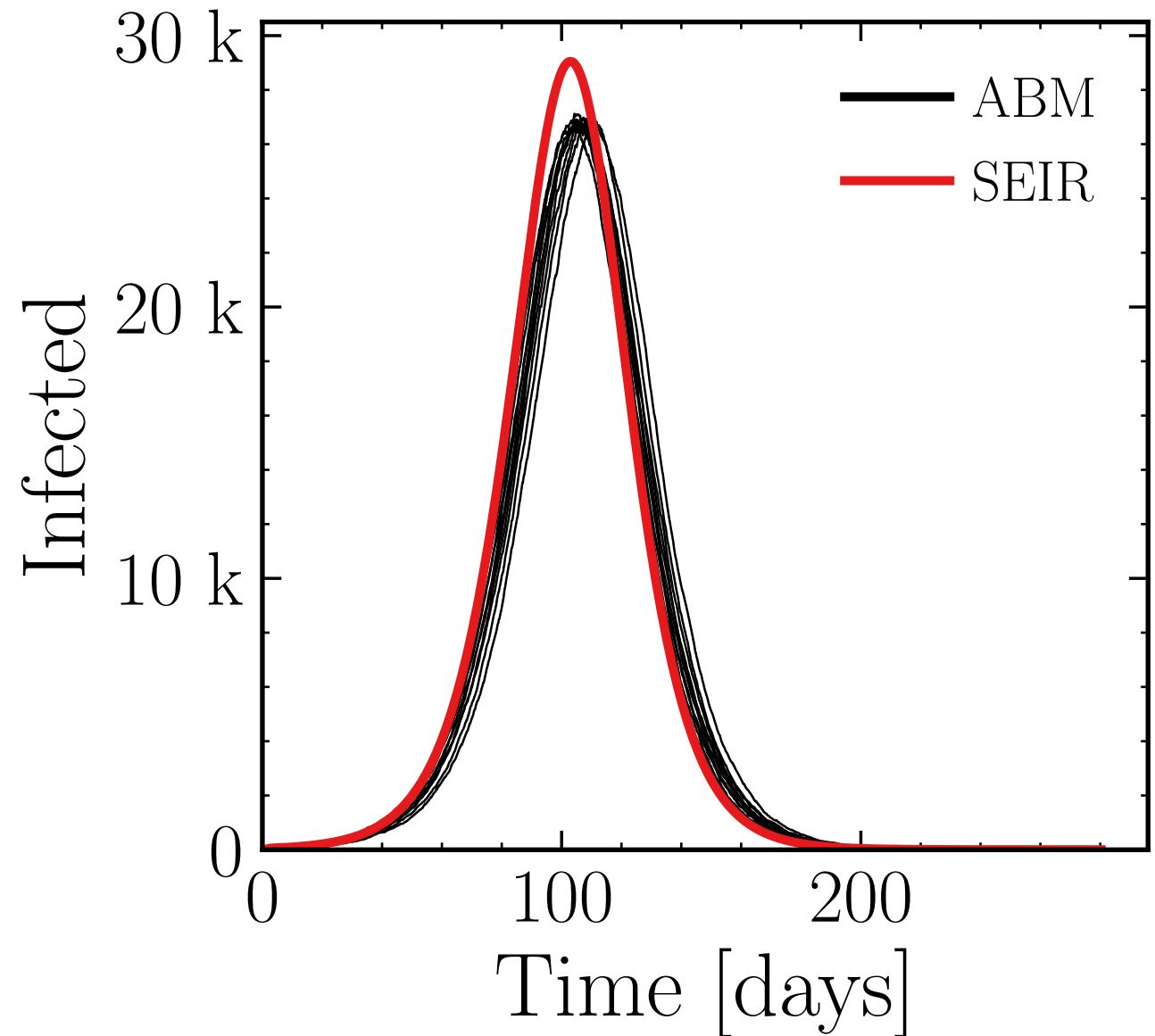
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (26.86 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = c37c396e27, #10

$R_{\infty}^{\text{ABM}} = (360.2 \pm 0.076\%) \cdot 10^3$



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

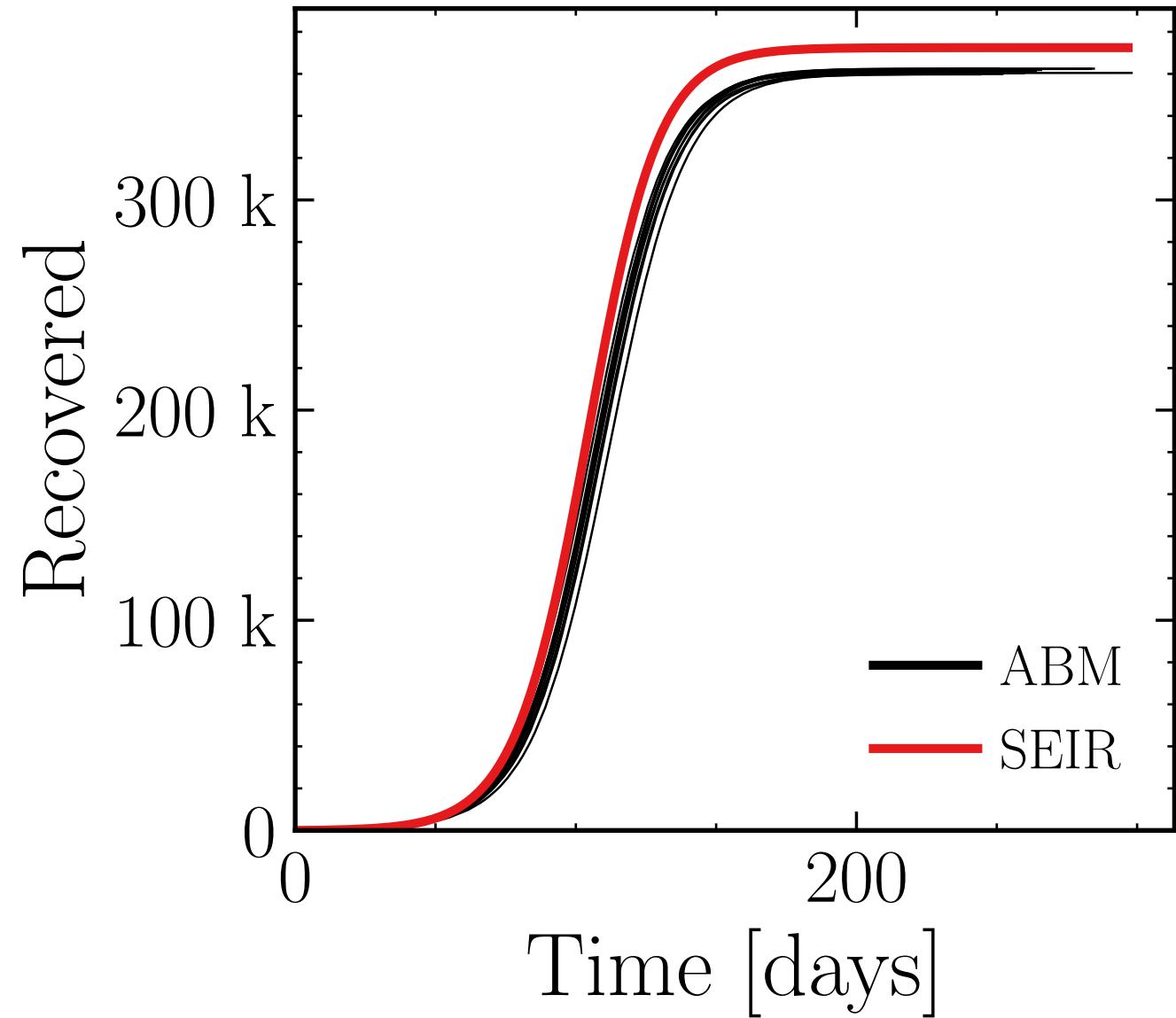
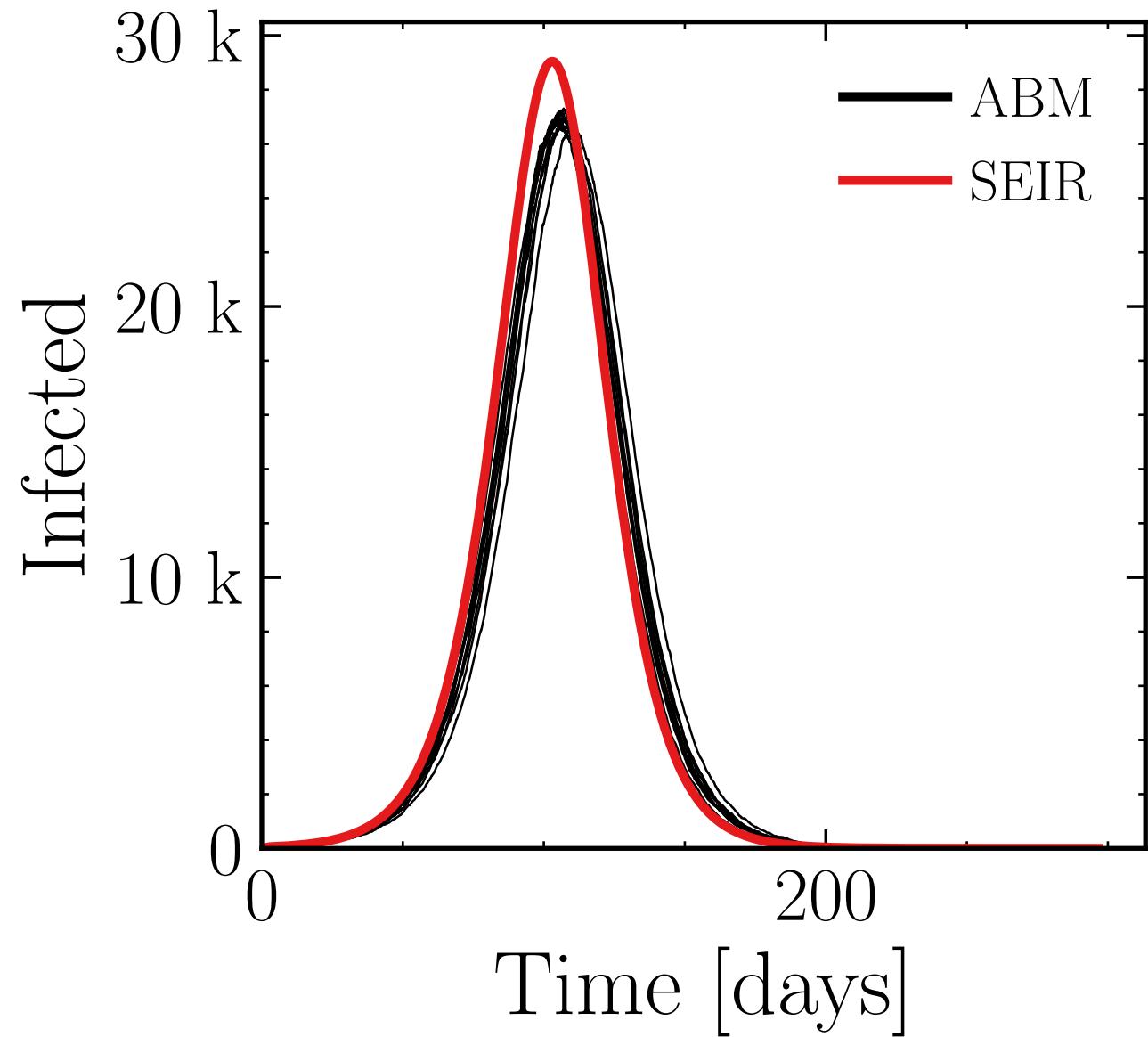
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 15, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.96 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = 0591826df7, #10

$R_{\infty}^{\text{ABM}} = (361.1 \pm 0.09\%) \cdot 10^3$



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

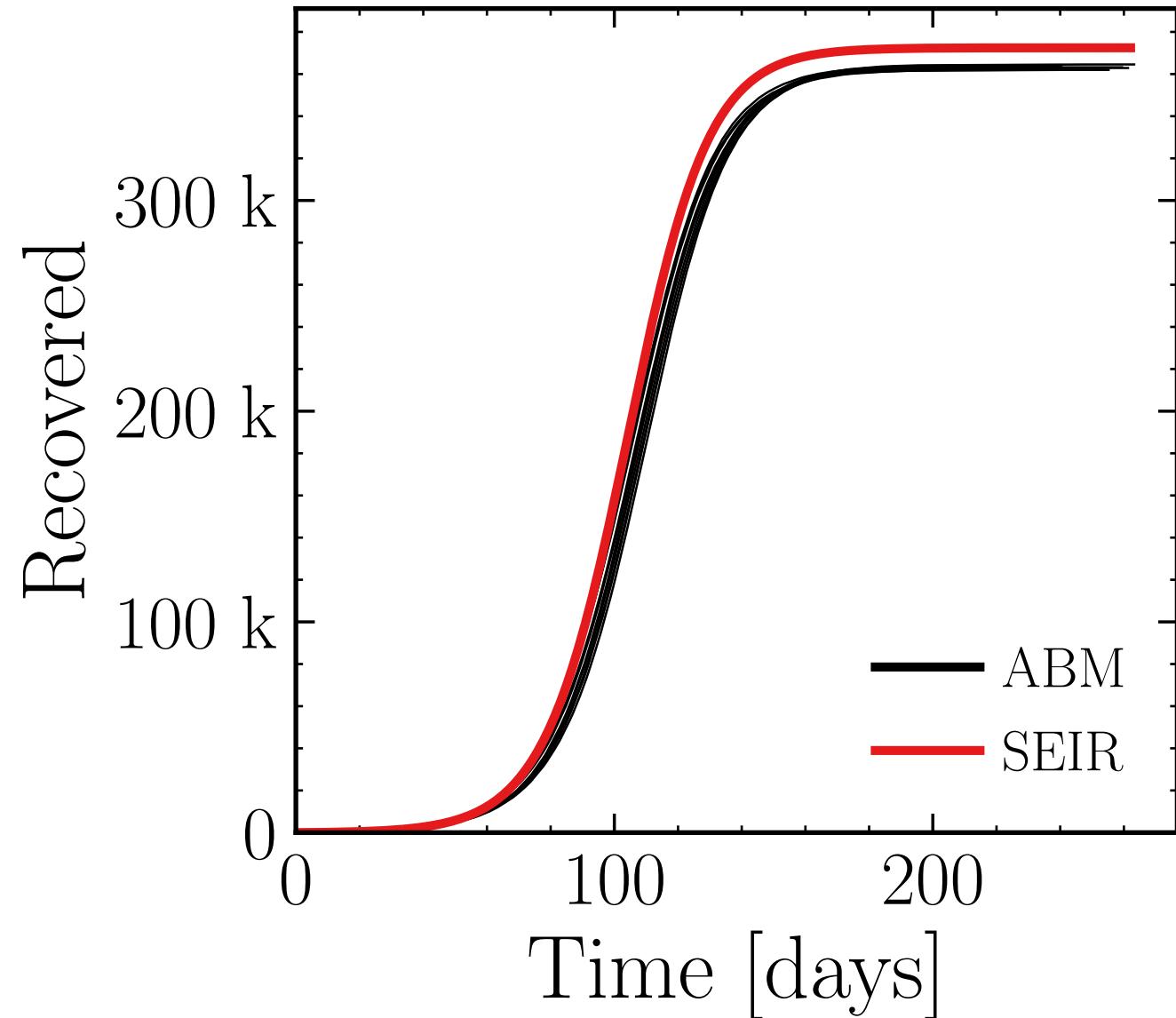
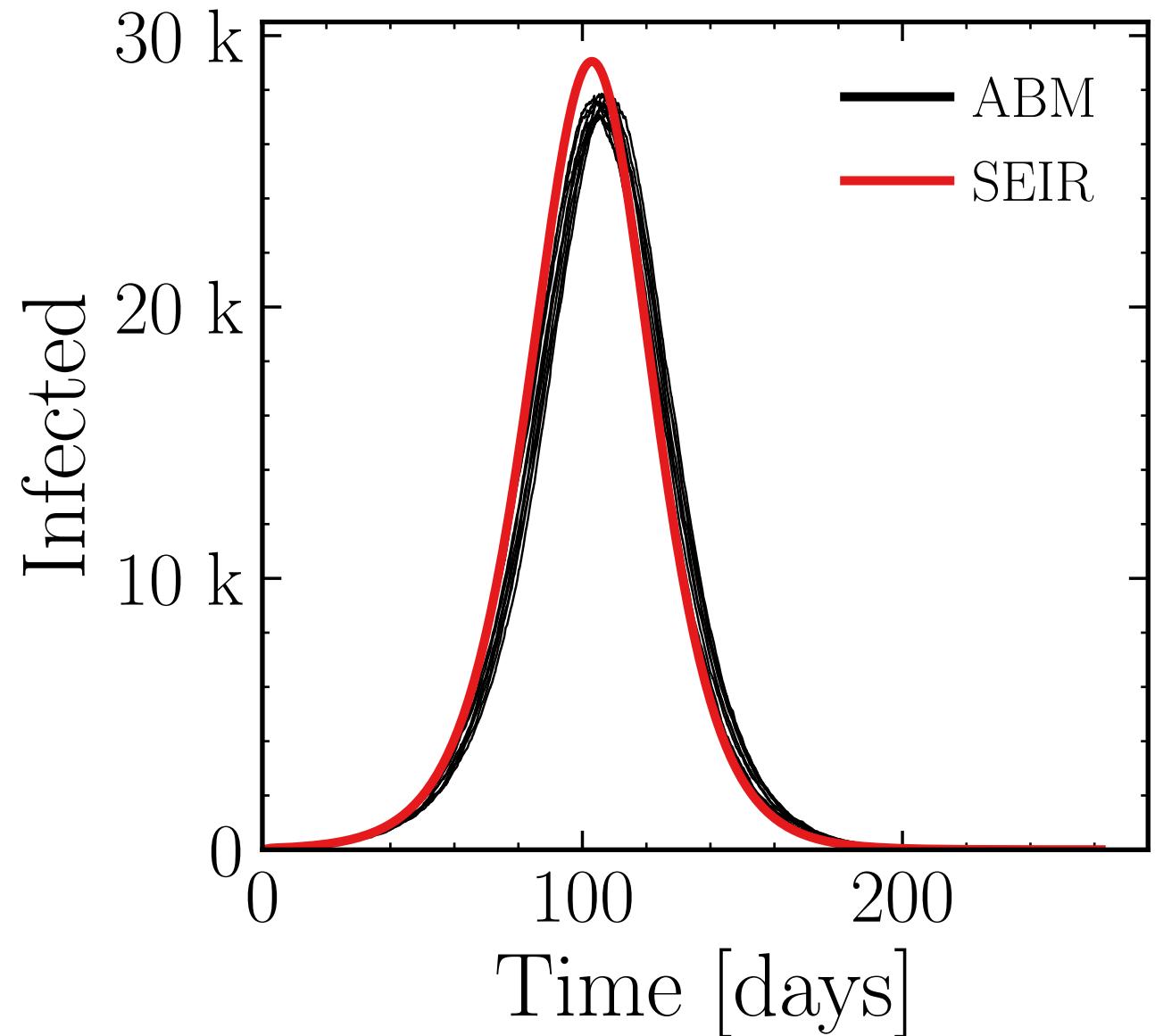
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (27.54 \pm 0.34\%) \cdot 10^3$

v. = 1.0, hash = f469588d20, #10

$R_{\infty}^{\text{ABM}} = (363.1 \pm 0.079\%) \cdot 10^3$



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

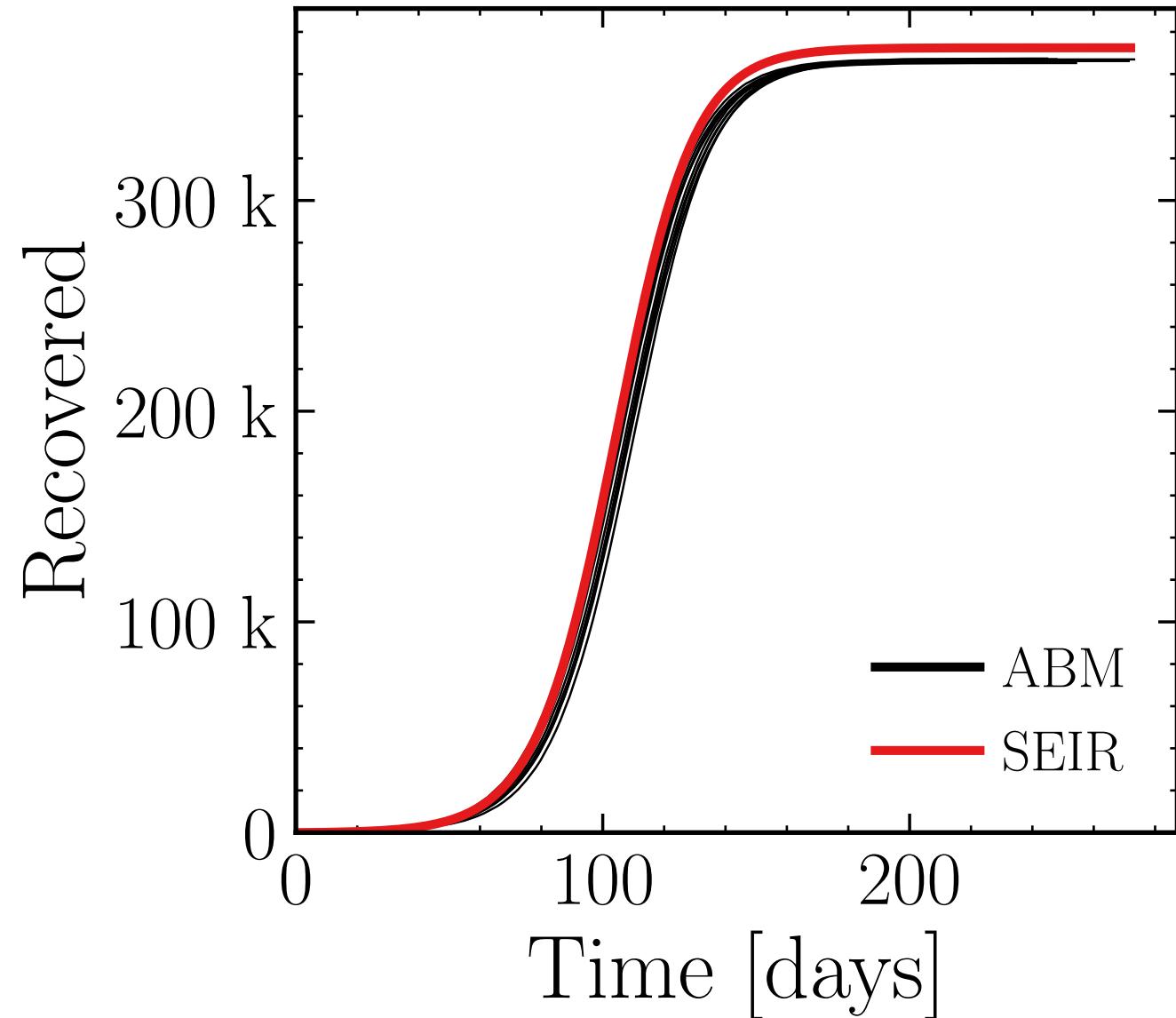
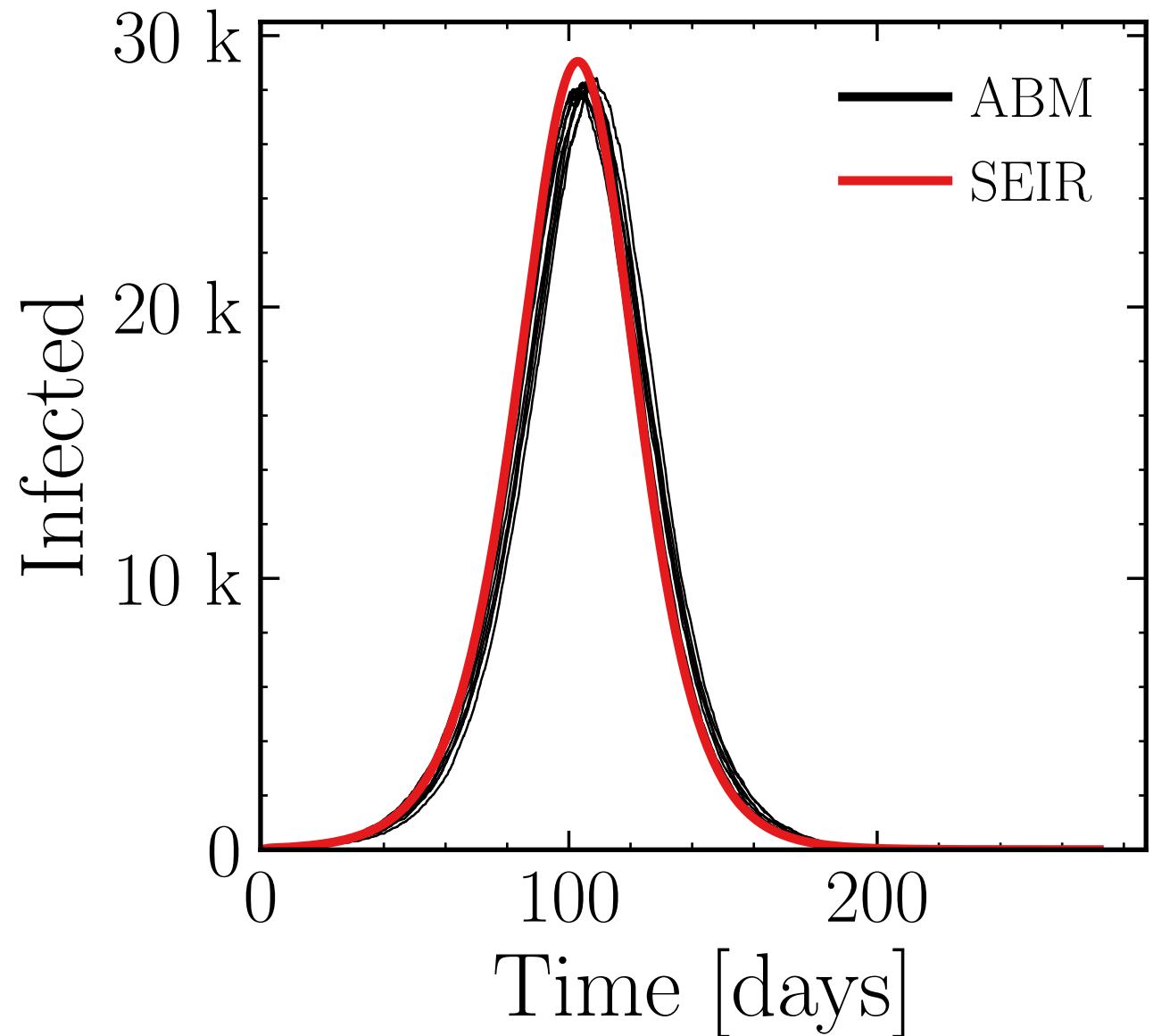
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 30, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (28.14 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 4ee59ea641, #10

$R_{\infty}^{\text{ABM}} = (366.5 \pm 0.049\%) \cdot 10^3$



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

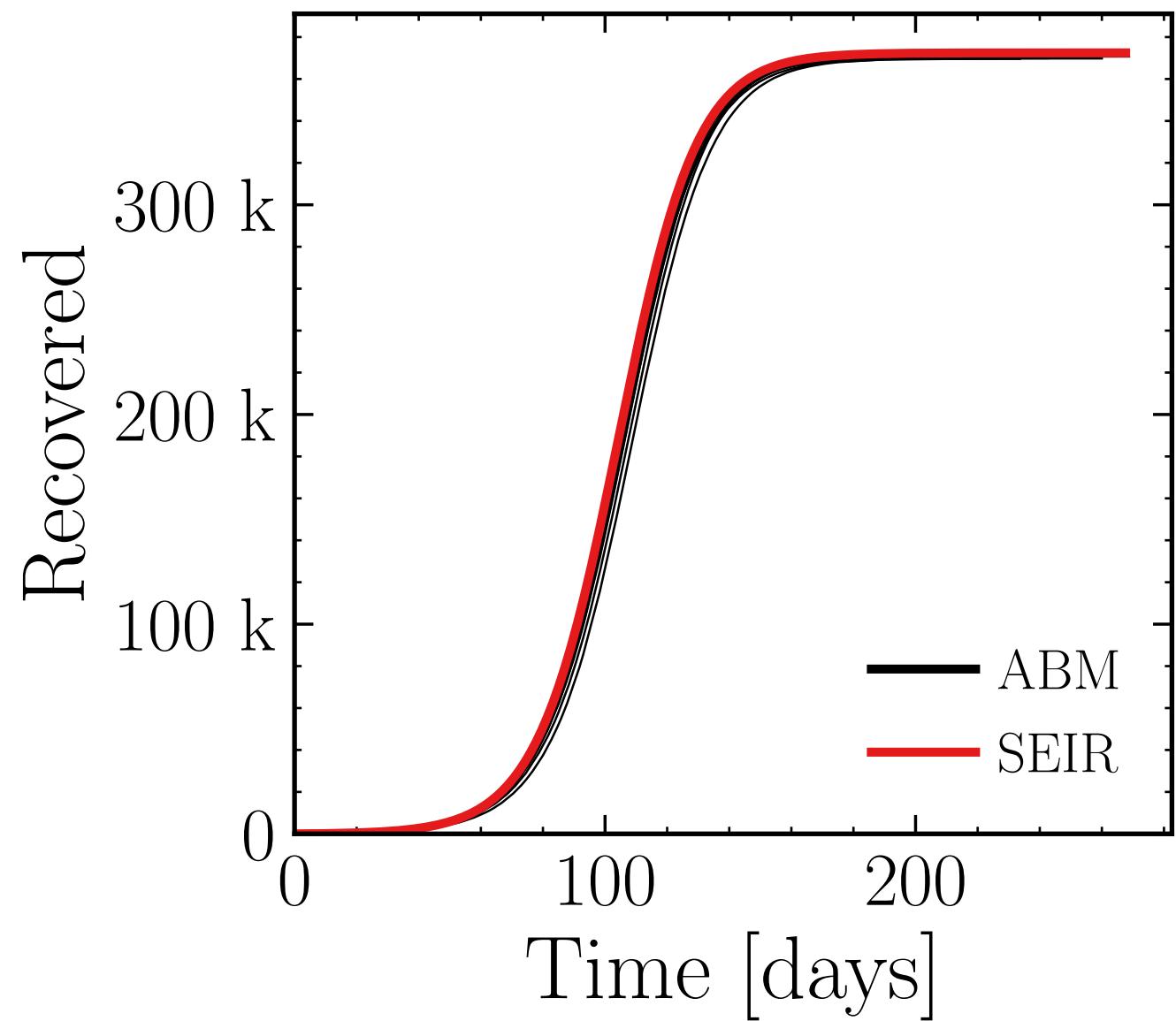
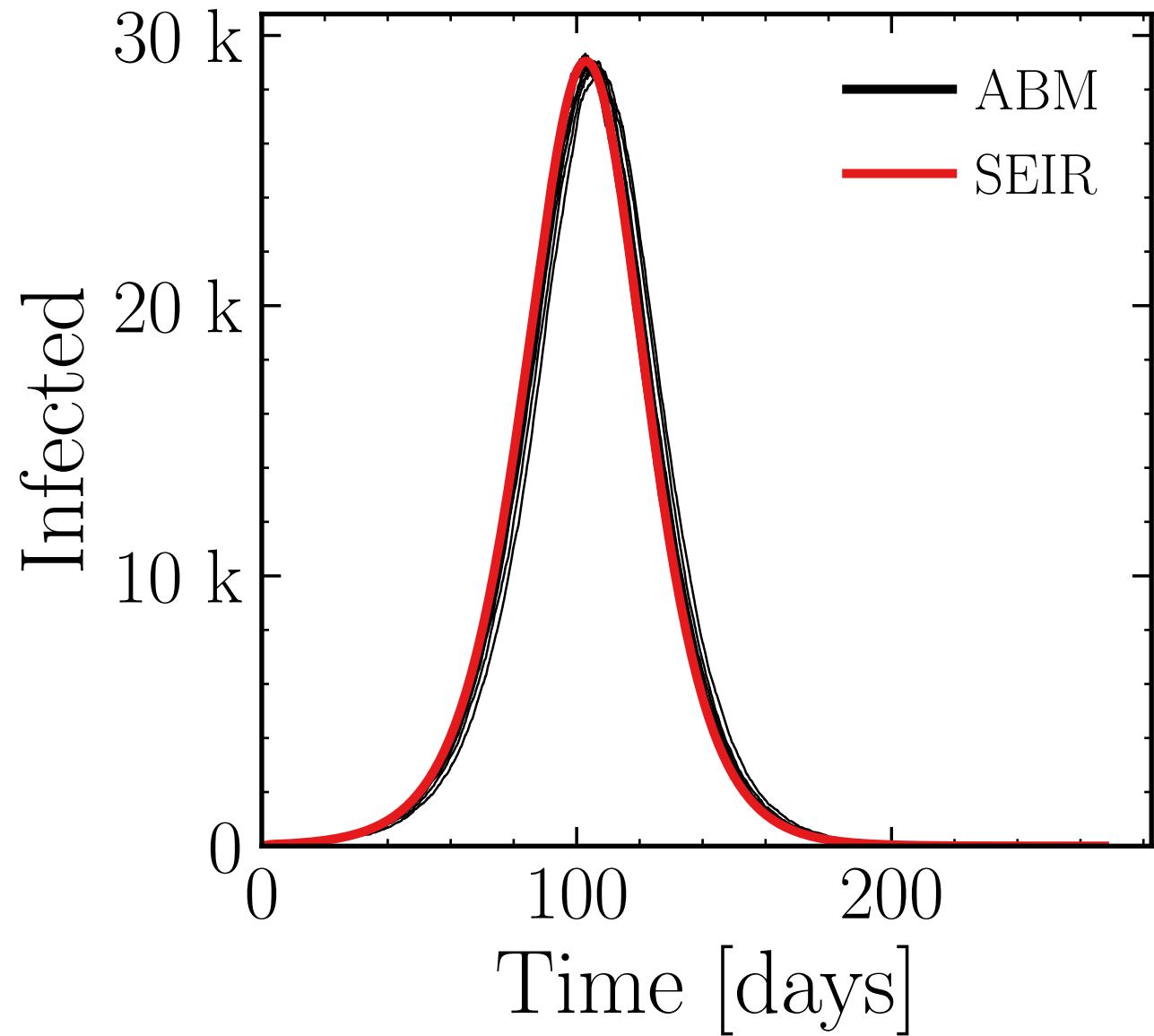
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 40, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (29 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 74dc38f85c, #10

$R_{\infty}^{\text{ABM}} = (370.9 \pm 0.079\%) \cdot 10^3$



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

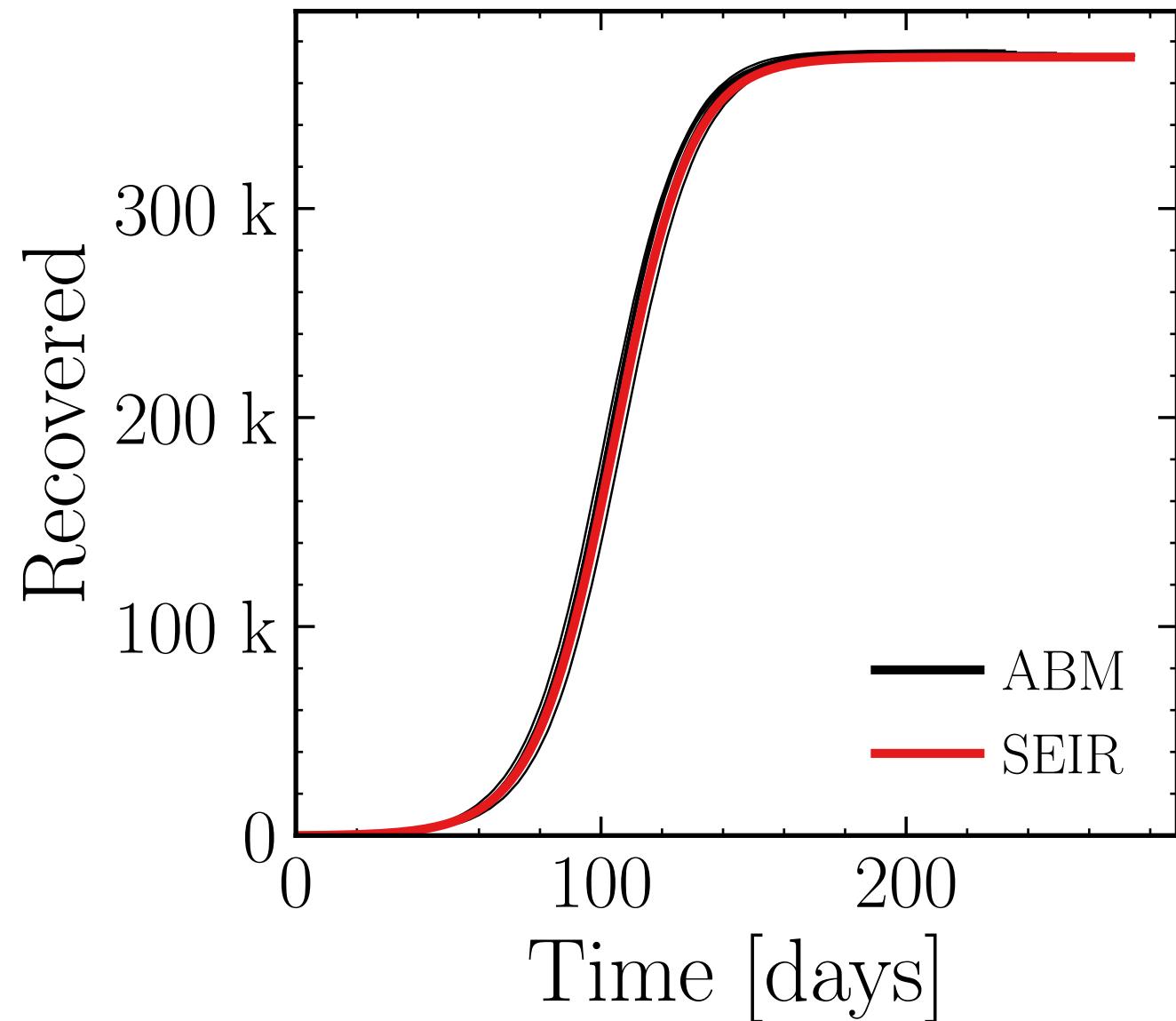
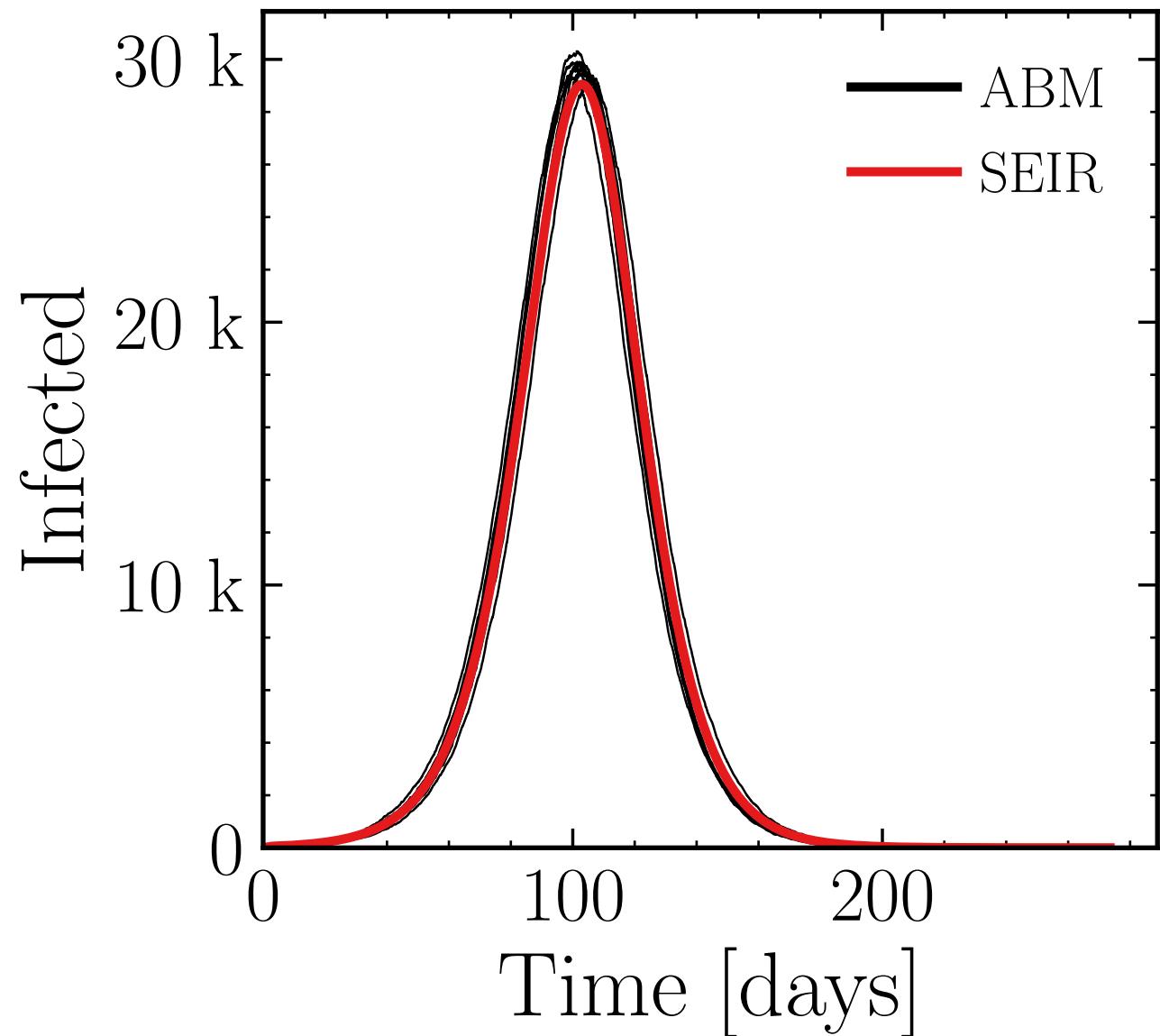
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (29.73 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = f455df2193, #10

$R_{\infty}^{\text{ABM}} = (374.5 \pm 0.065\%) \cdot 10^3$



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

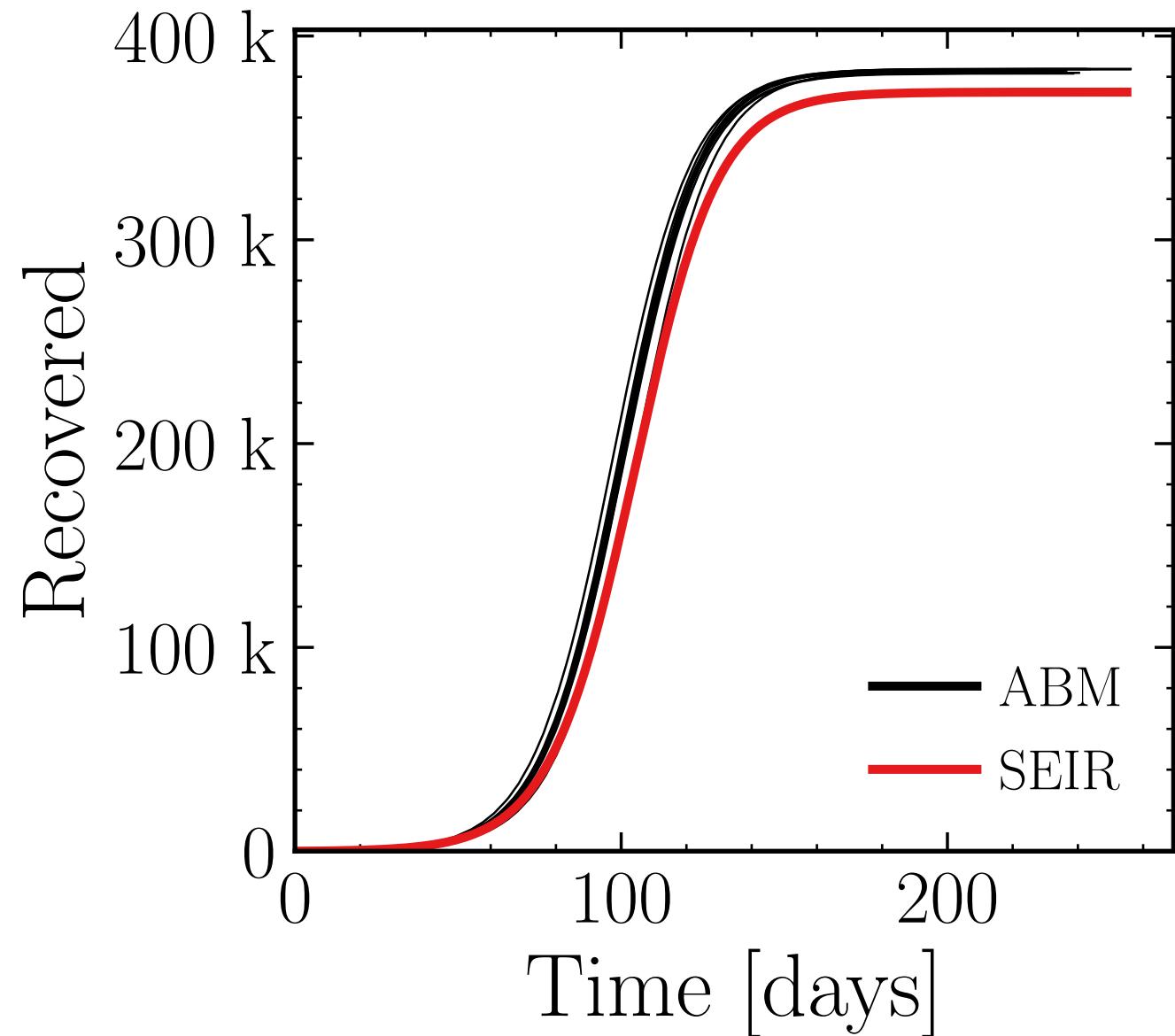
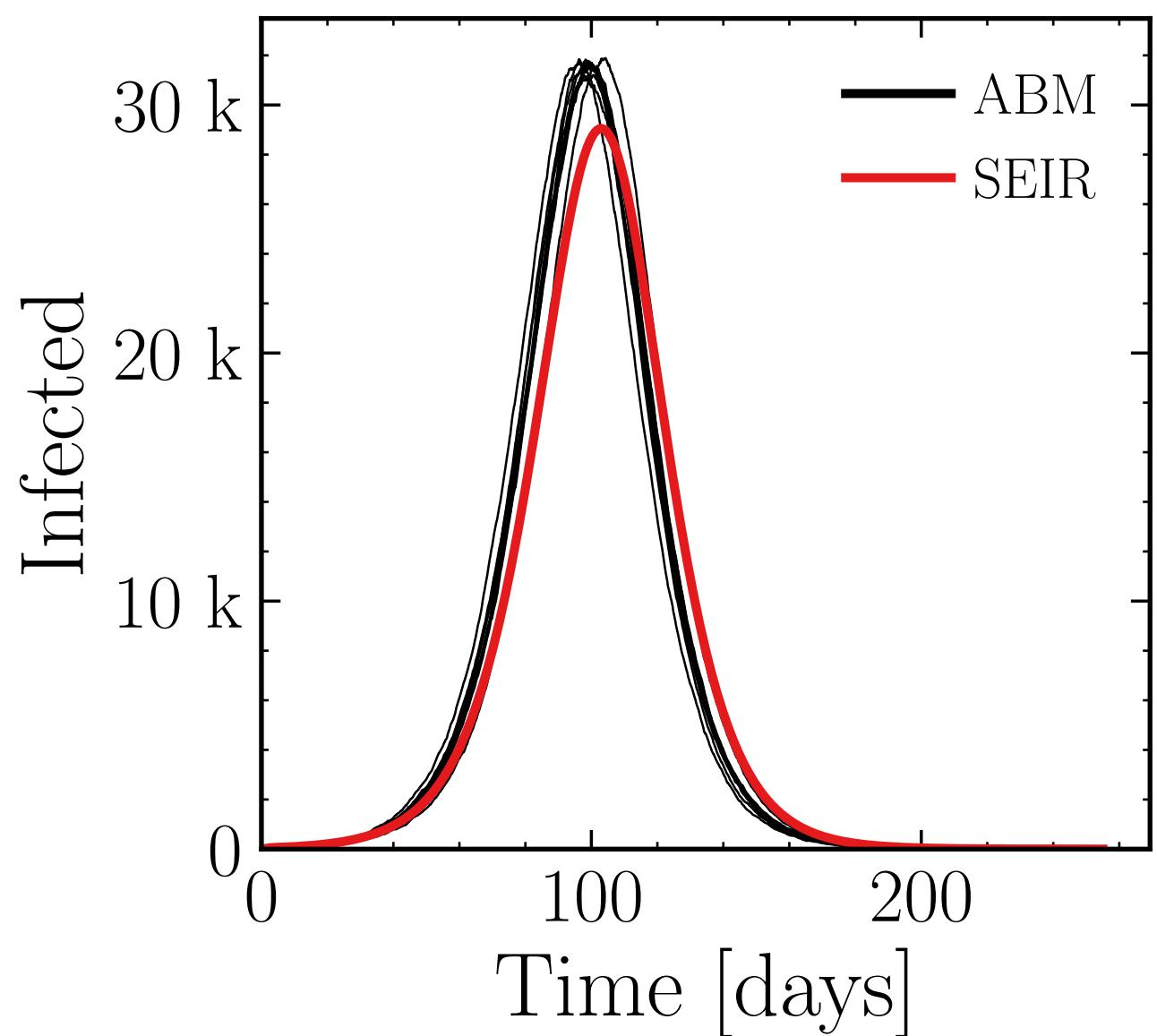
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 75, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (31.63 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = b8ba17b95b, #10

$R_{\infty}^{\text{ABM}} = (382.9 \pm 0.066\%) \cdot 10^3$



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

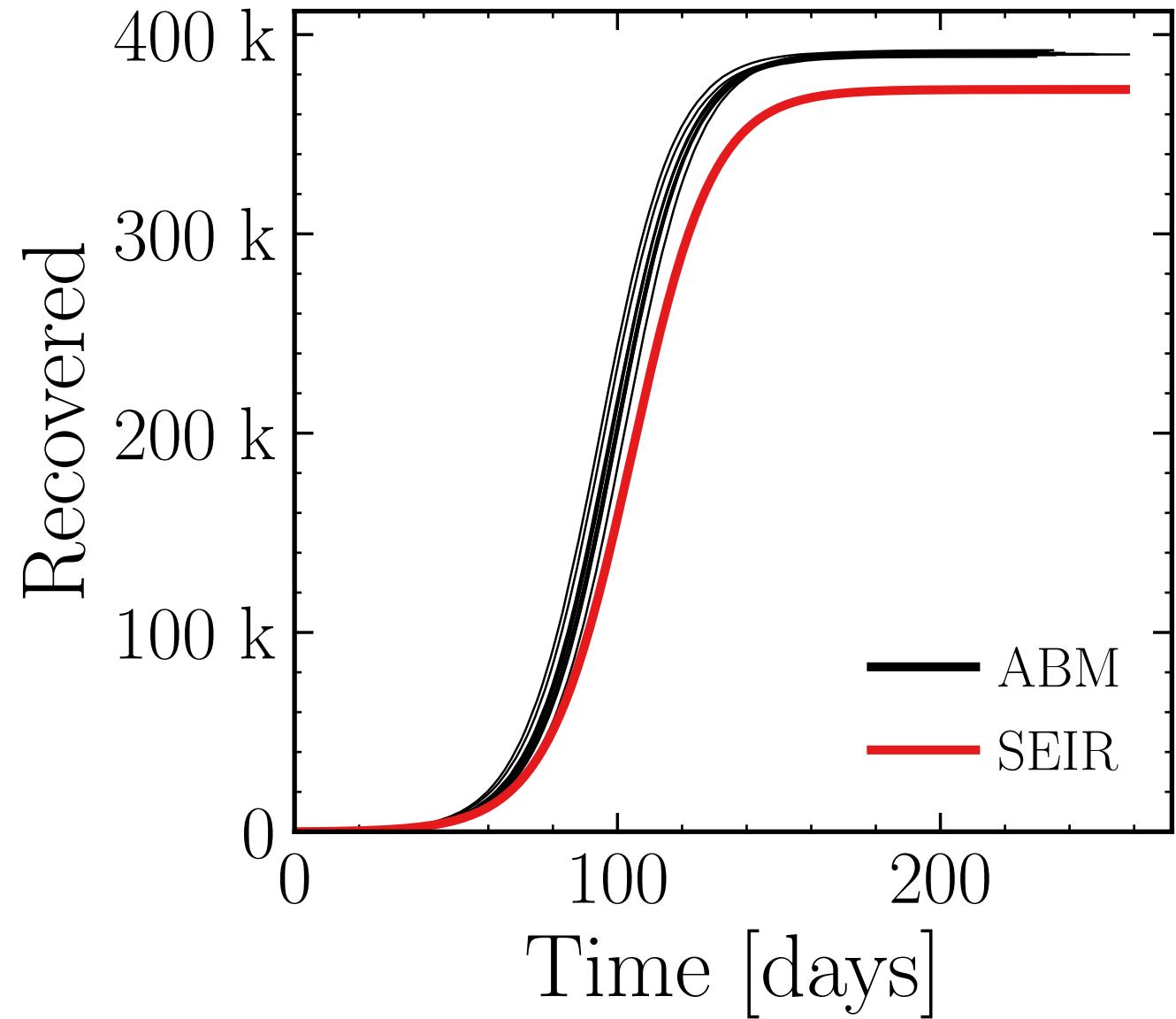
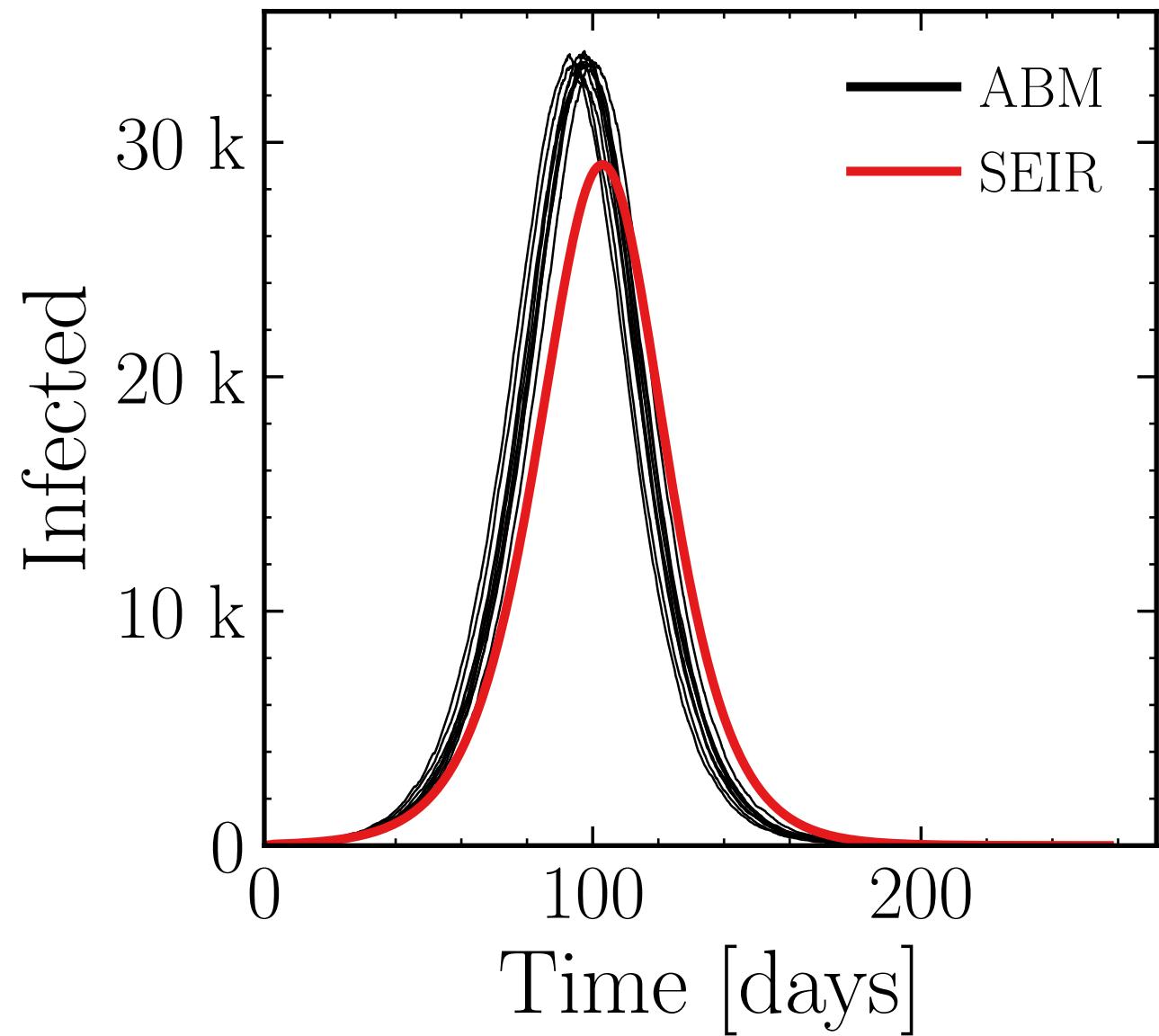
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 1K$, event_{size_{max}} = 100, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33.4 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = db7717d1c1, #10

$R_{\infty}^{\text{ABM}} = (390.5 \pm 0.08\%) \cdot 10^3$



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

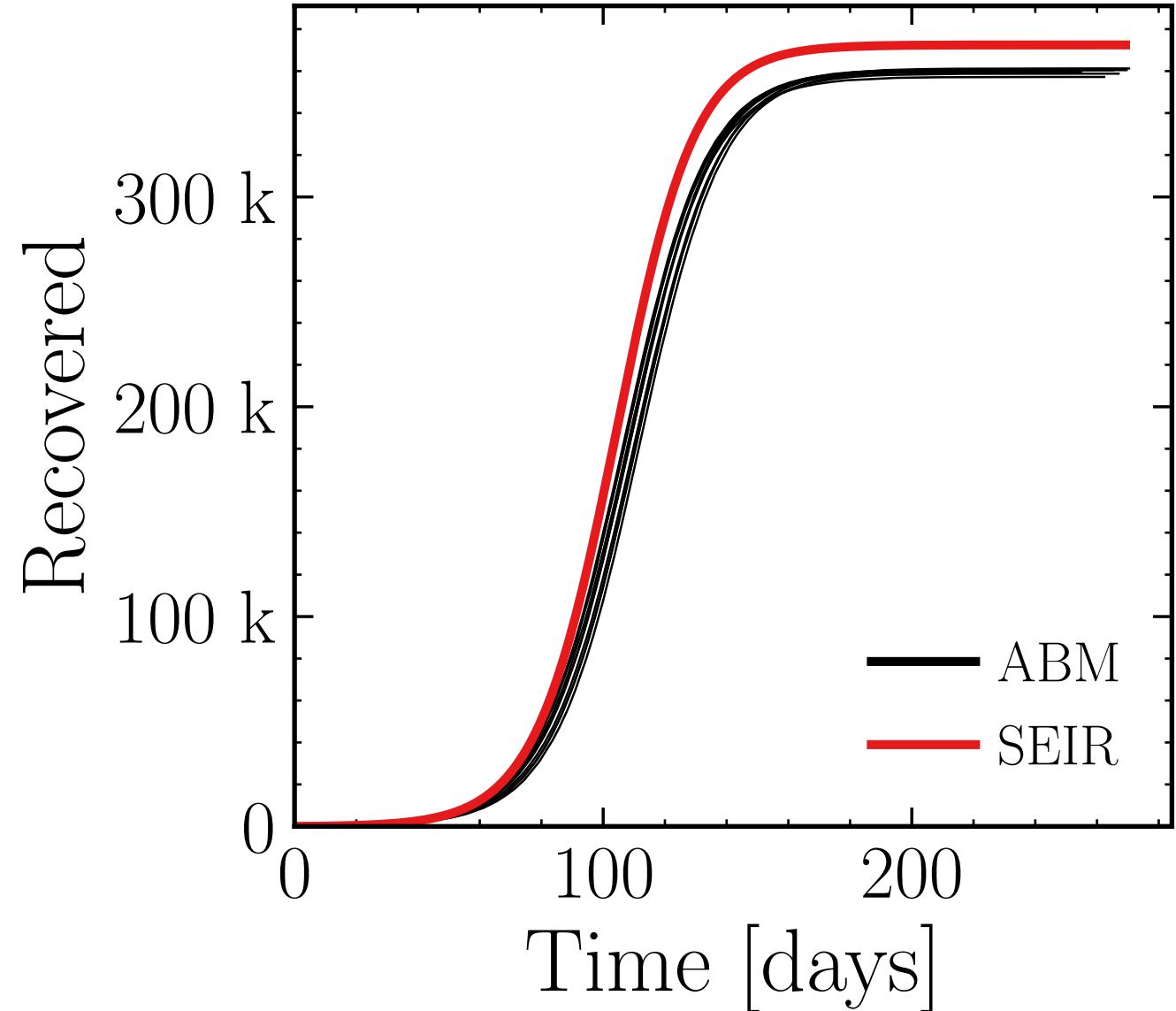
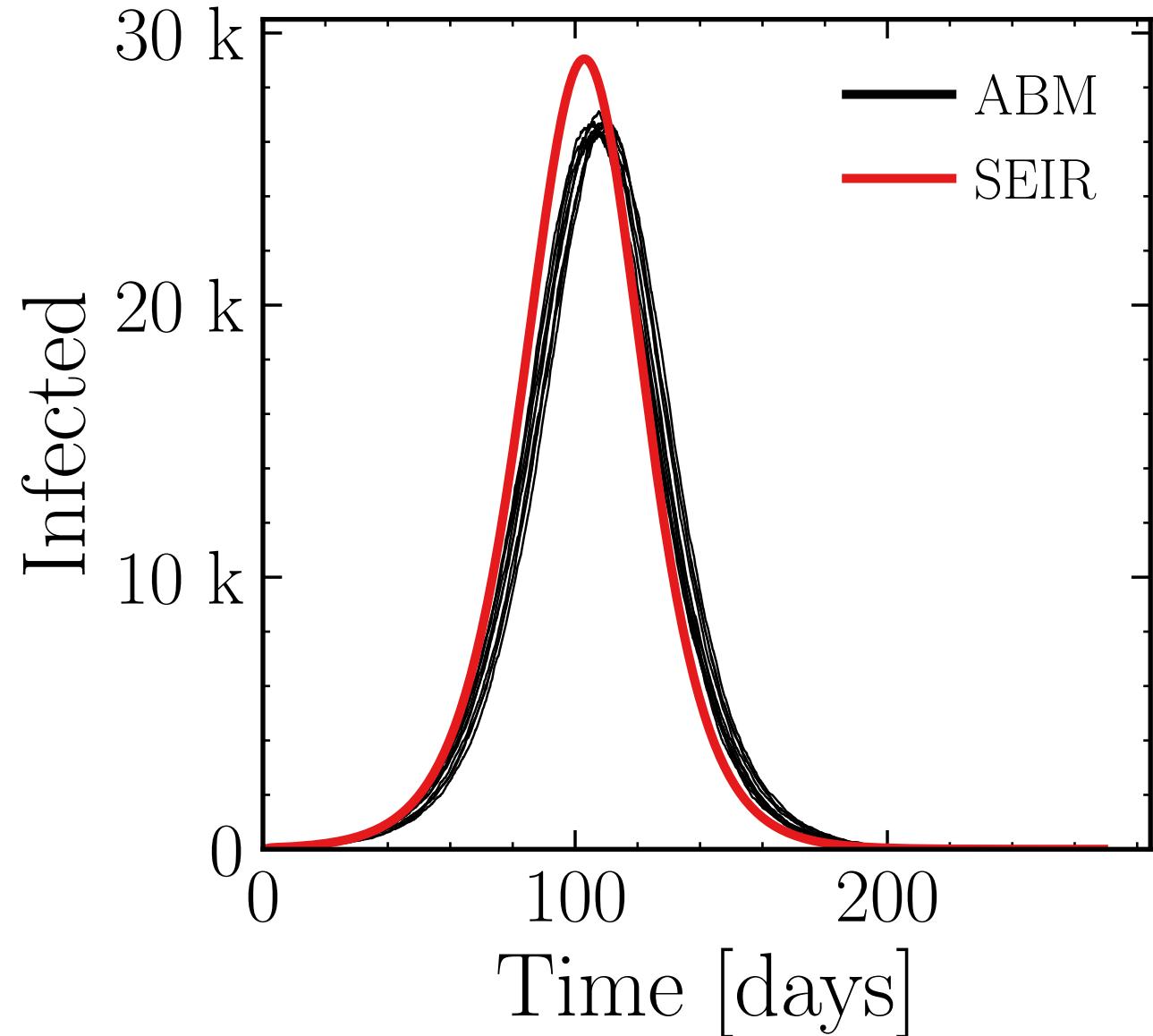
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (26.67 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = d7c2d1ee60, #10

$R_{\infty}^{\text{ABM}} = (359.9 \pm 0.099\%) \cdot 10^3$



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

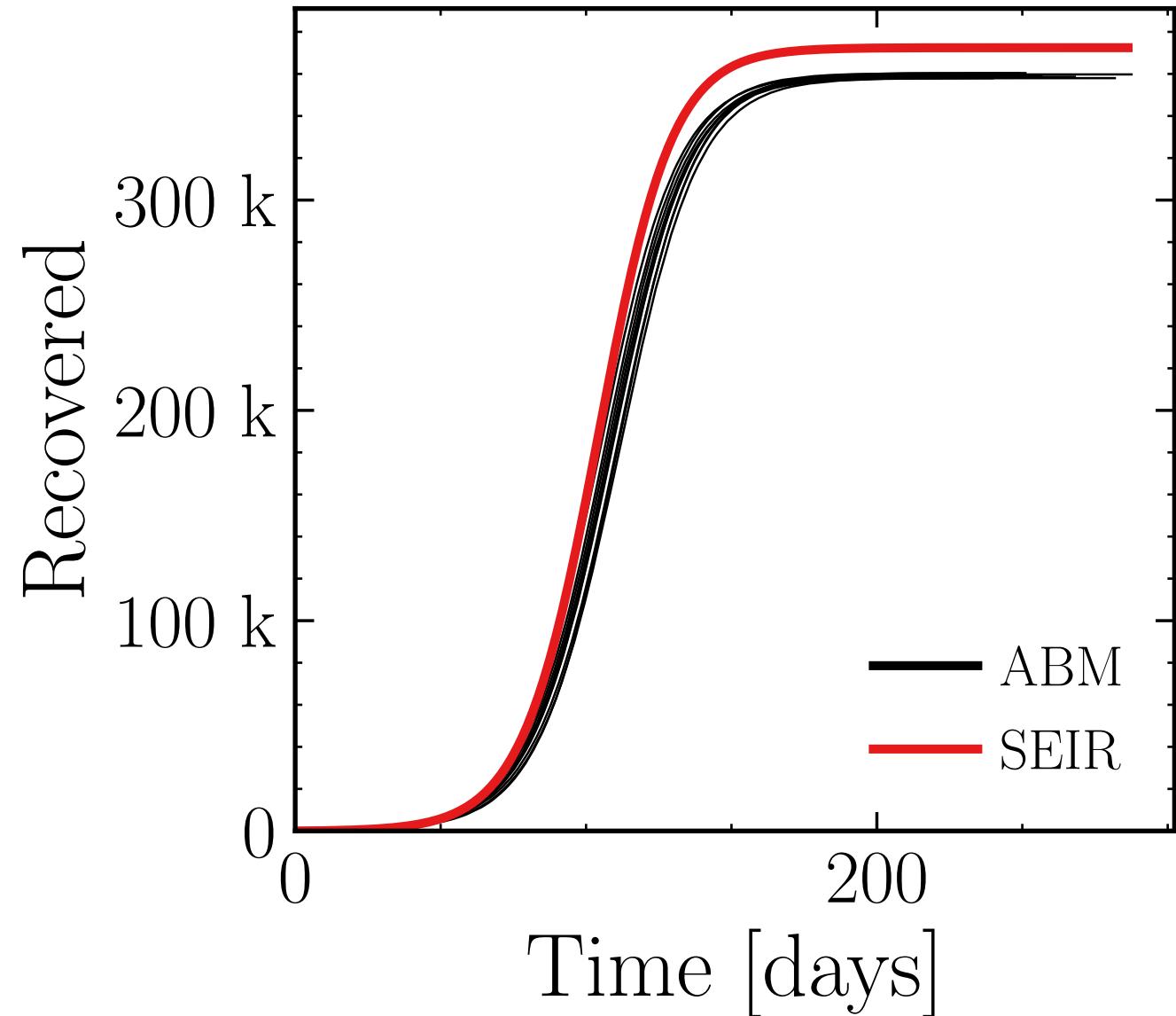
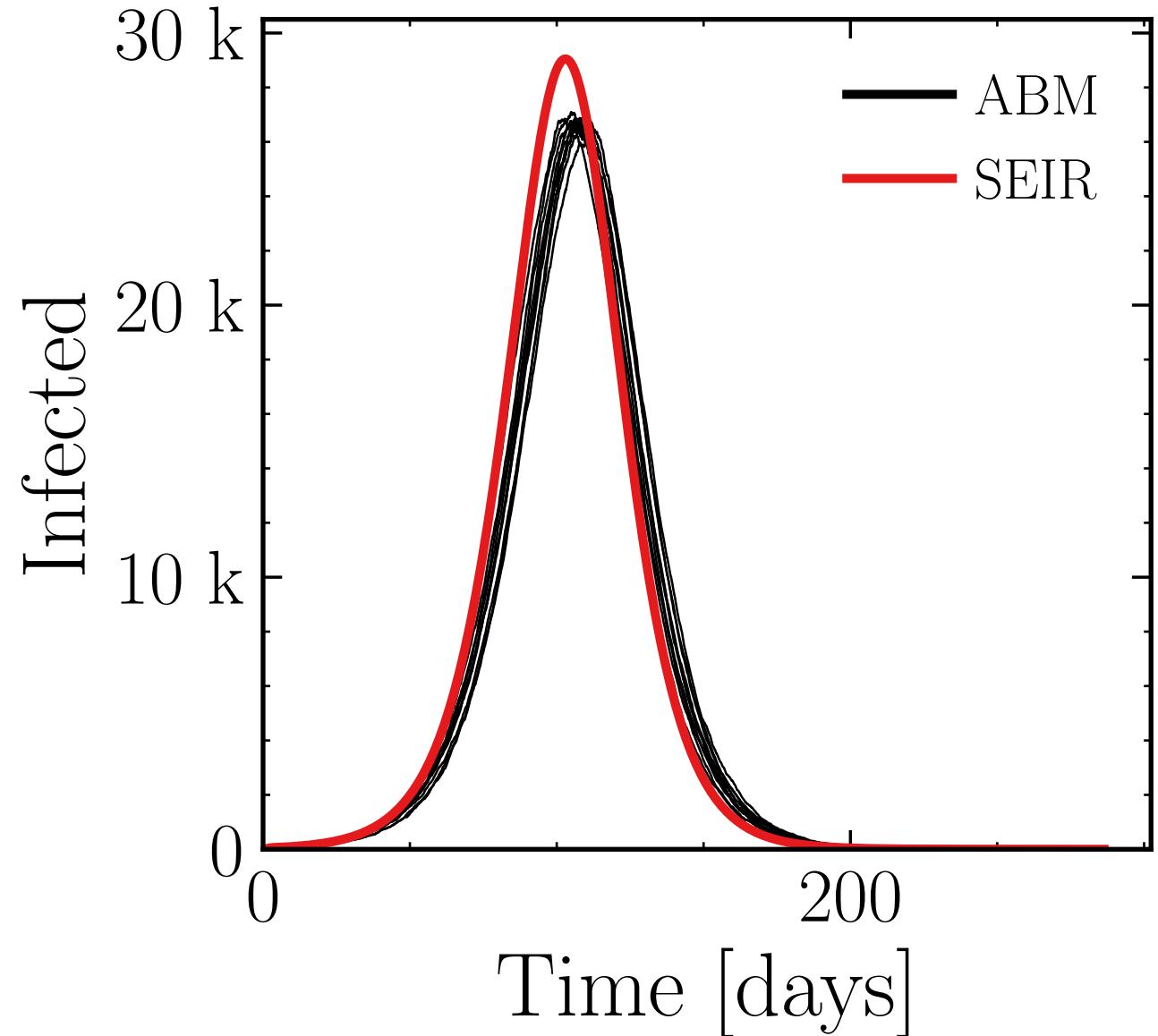
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 2, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.76 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = 7524ab6bb5, #10

$R_{\infty}^{\text{ABM}} = (359.3 \pm 0.076\%) \cdot 10^3$



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

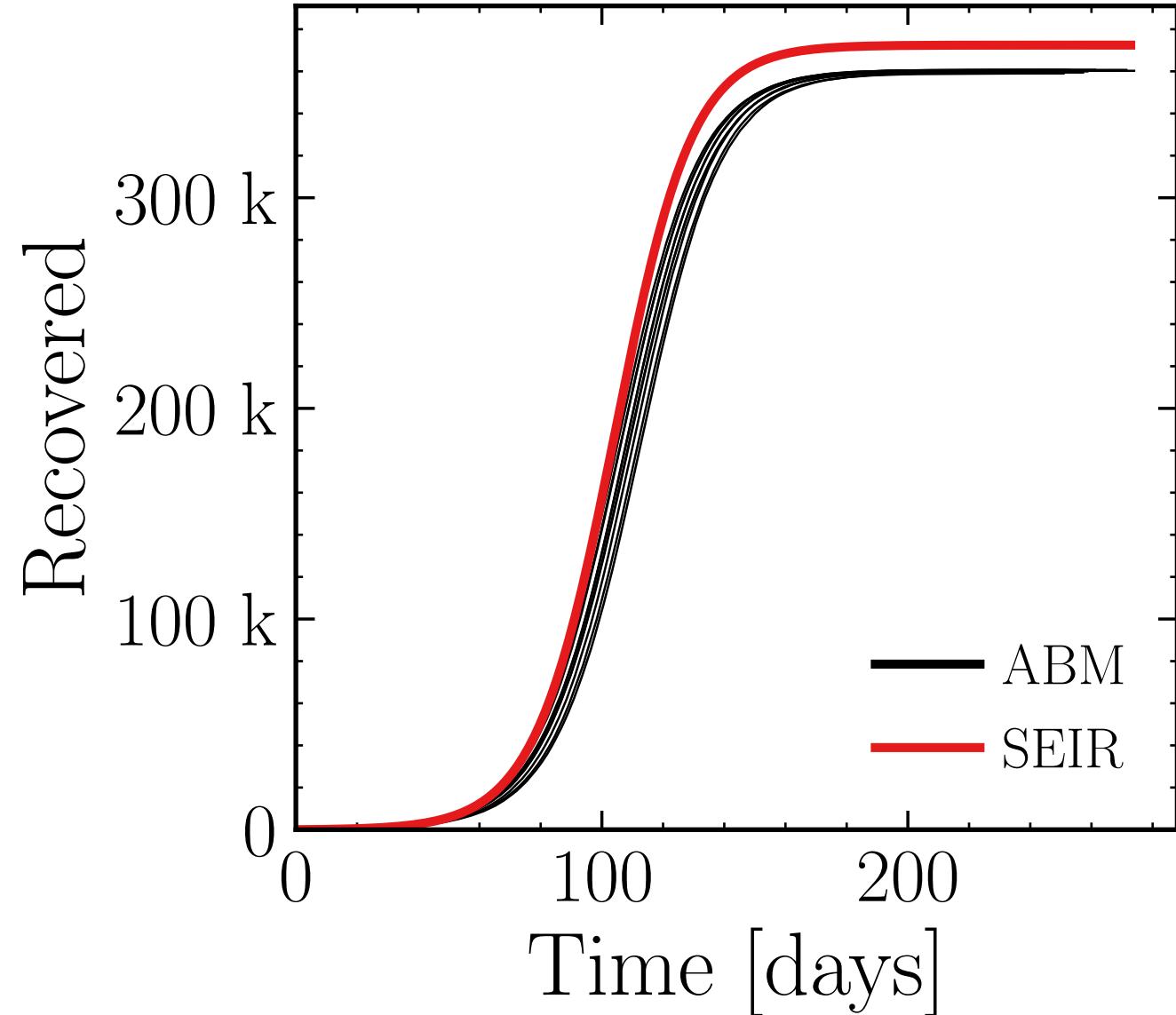
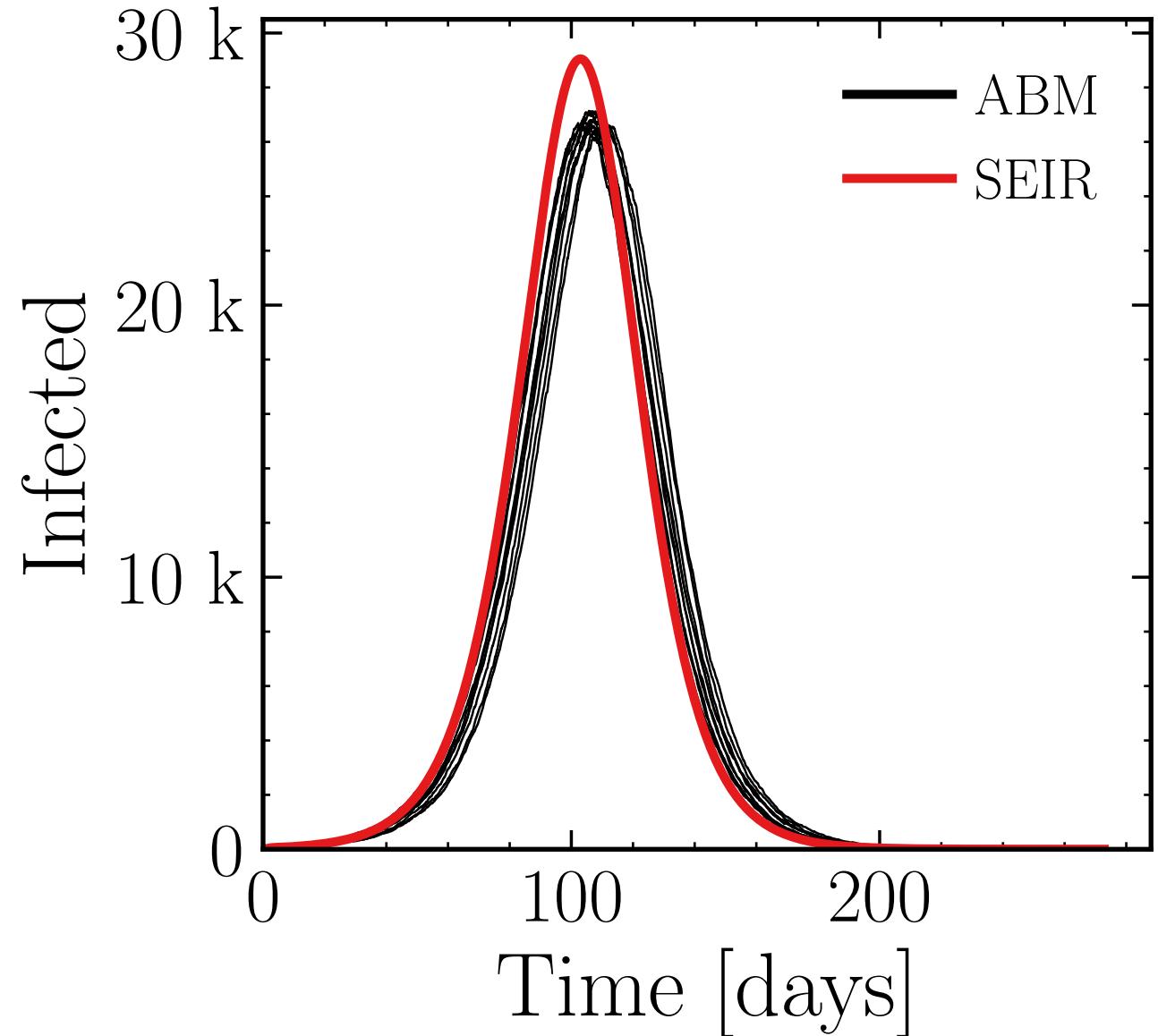
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 3, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.82 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = ea8d5e10d2, #10

$R_{\infty}^{\text{ABM}} = (360.2 \pm 0.048\%) \cdot 10^3$



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

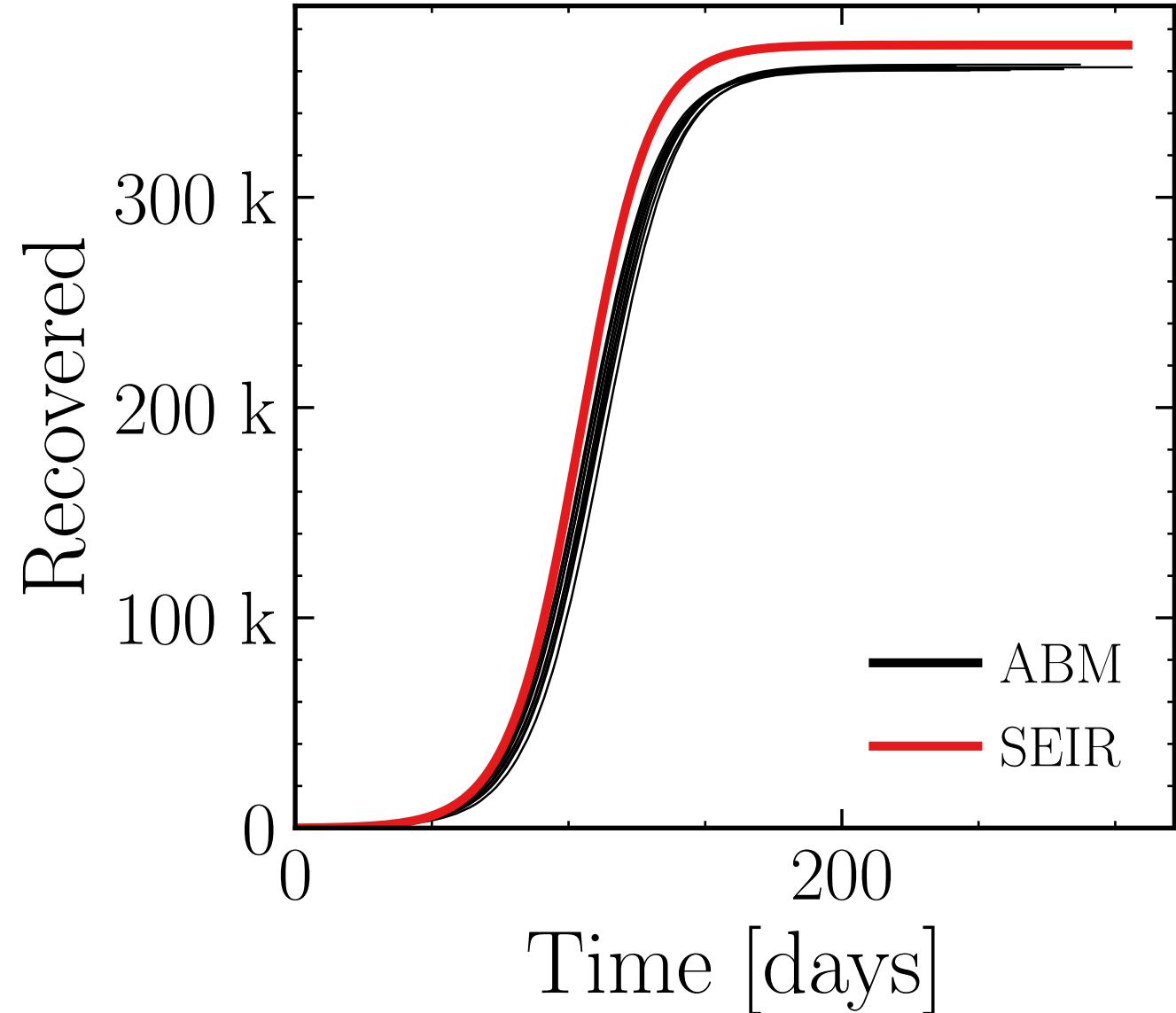
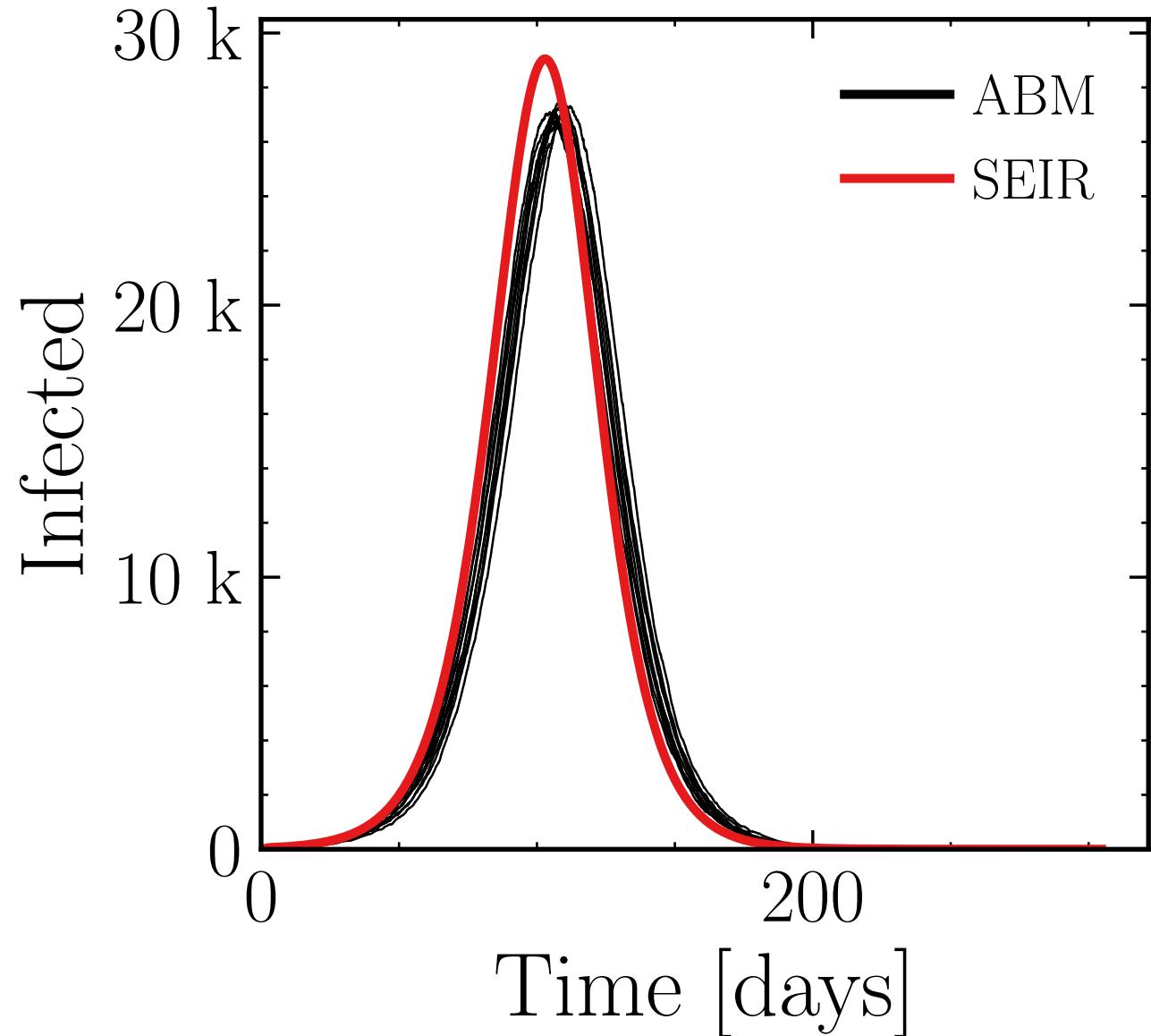
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 4, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.04 \pm 0.37\%) \cdot 10^3$

v. = 1.0, hash = 08137d4382, #10

$R_{\infty}^{\text{ABM}} = (361.4 \pm 0.068\%) \cdot 10^3$



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

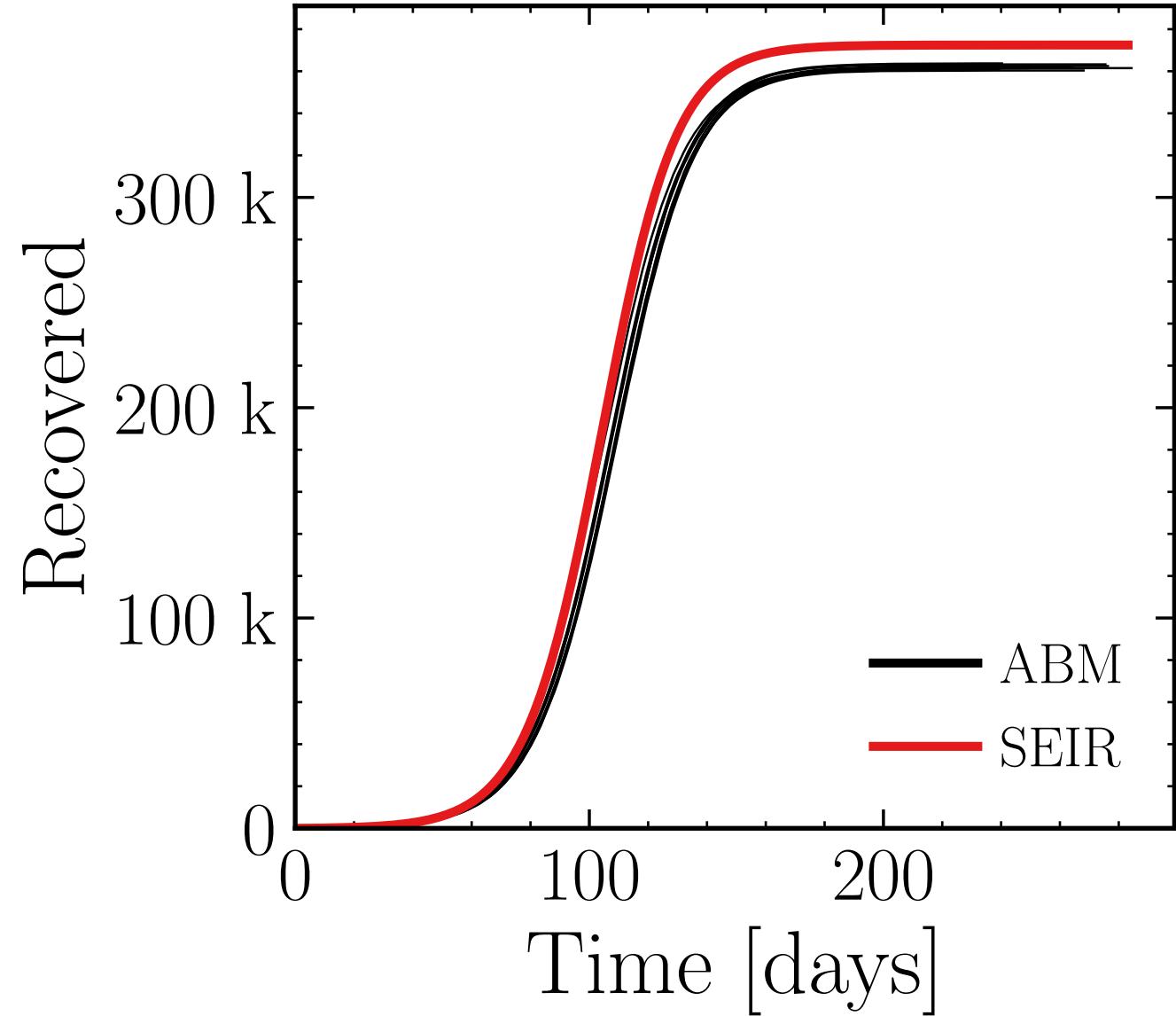
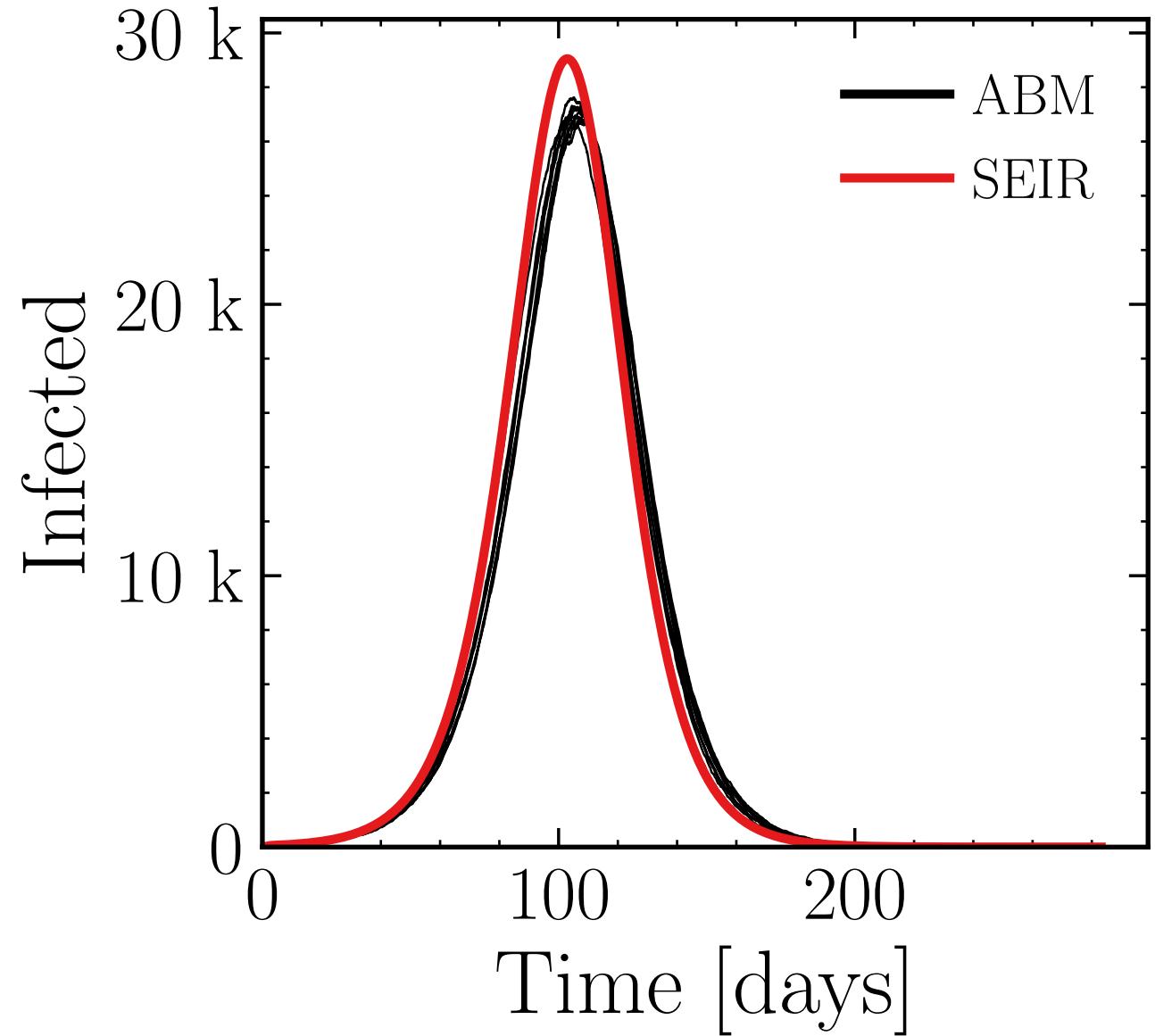
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 5, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.1 \pm 0.31\%) \cdot 10^3$

v. = 1.0, hash = 25b4144ea7, #10

$R_{\infty}^{\text{ABM}} = (361.8 \pm 0.088\%) \cdot 10^3$



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

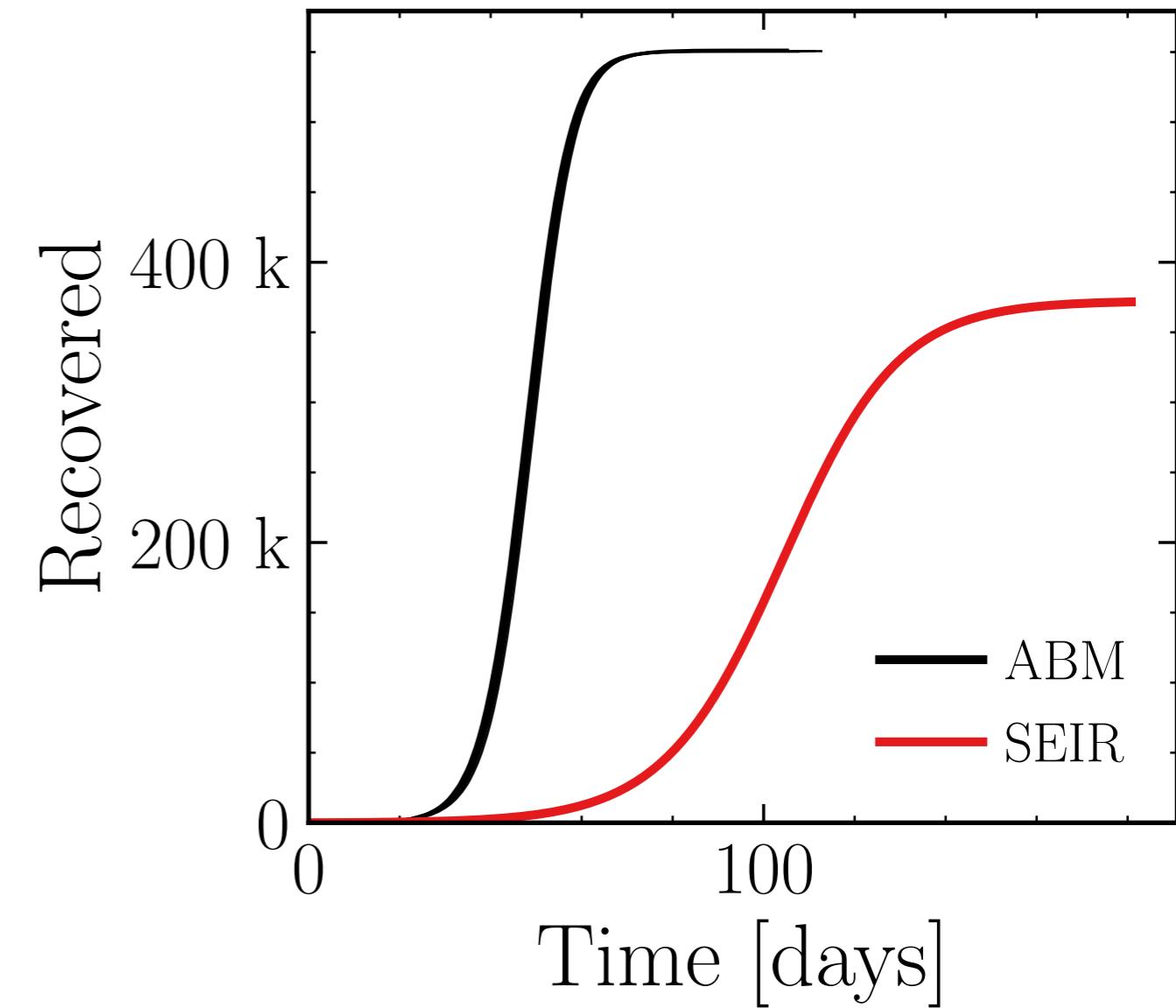
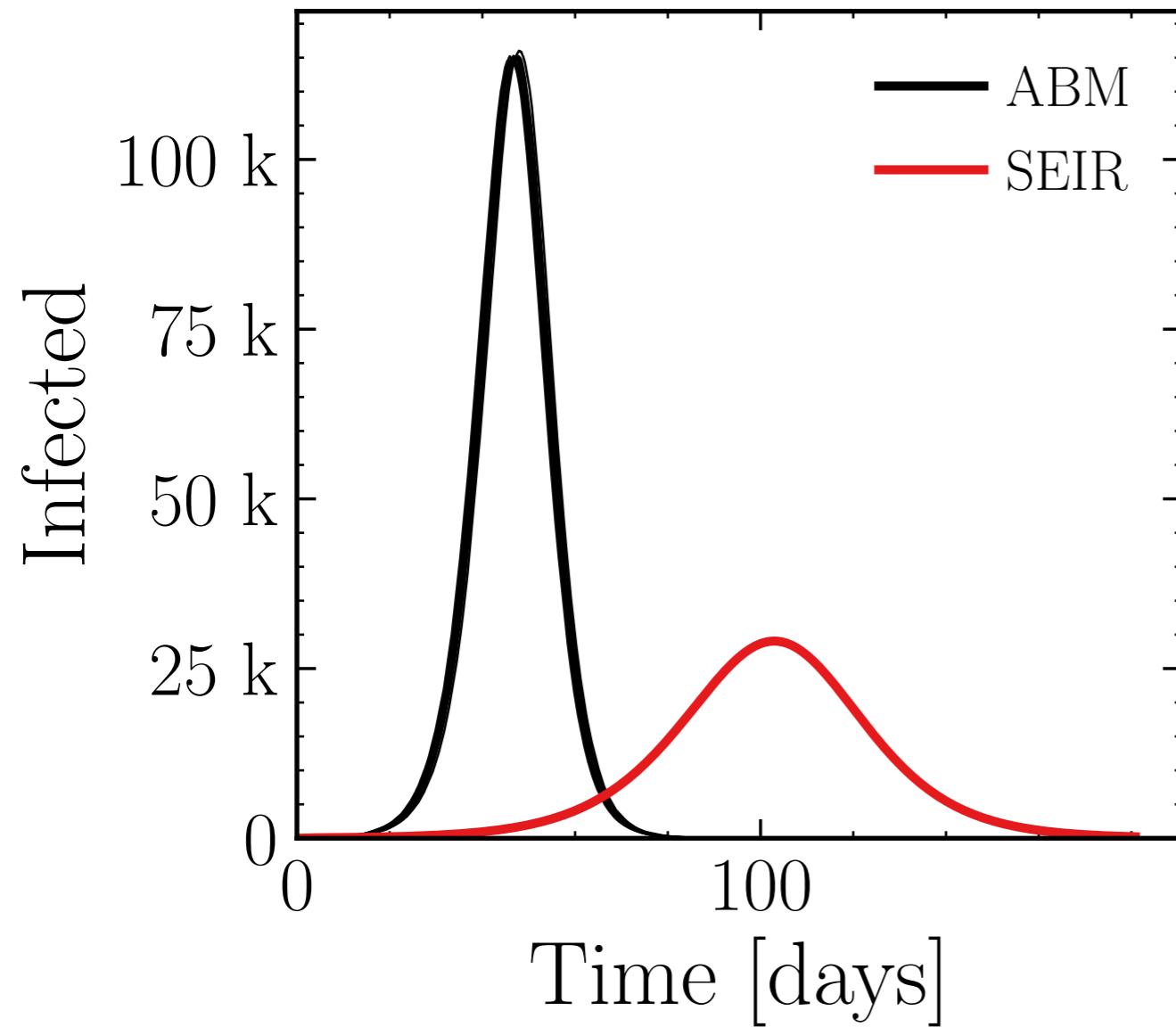
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (115 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 17fcda7a03, #10

$R_{\infty}^{\text{ABM}} = (550.8 \pm 0.02\%) \cdot 10^3$



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

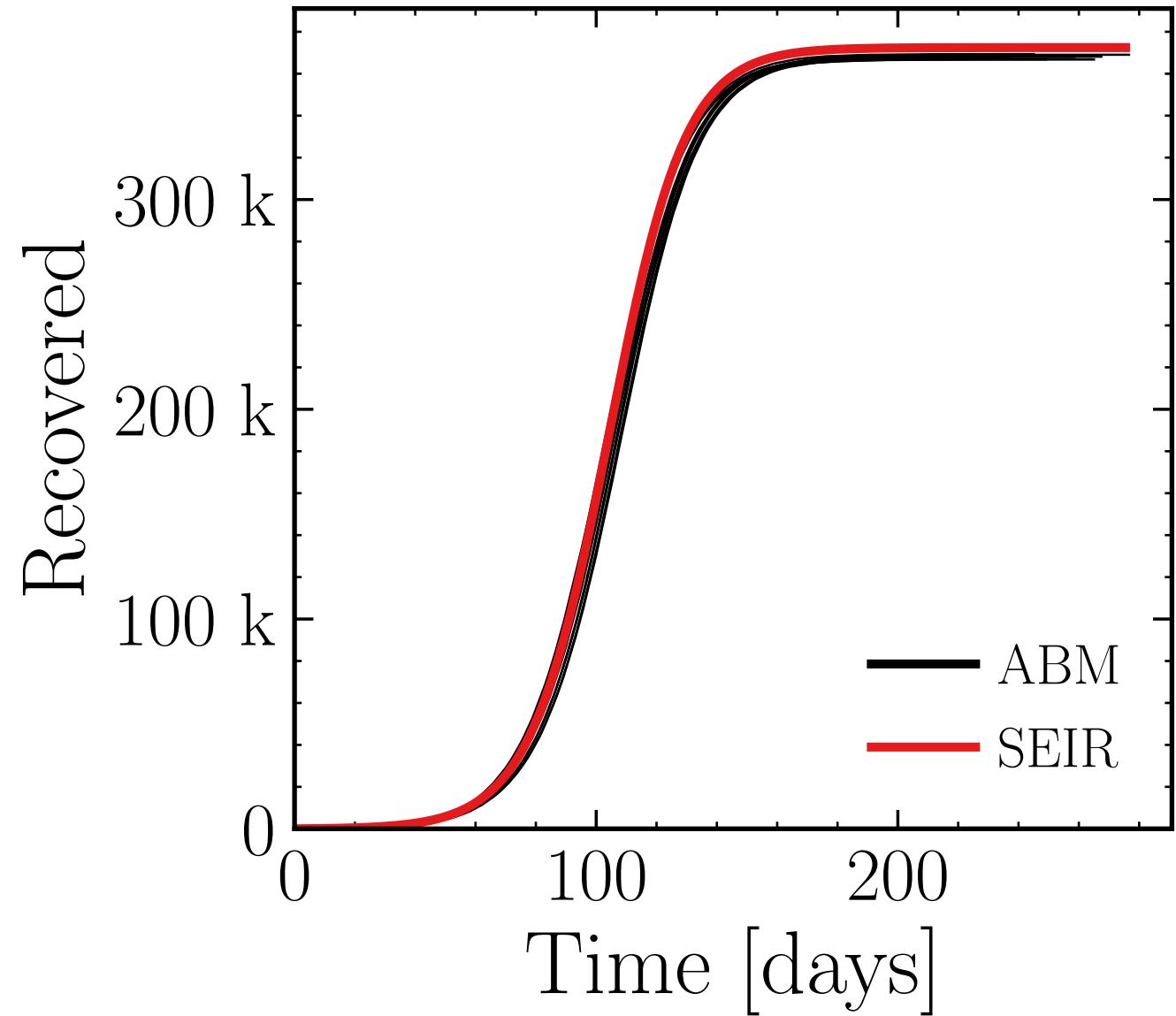
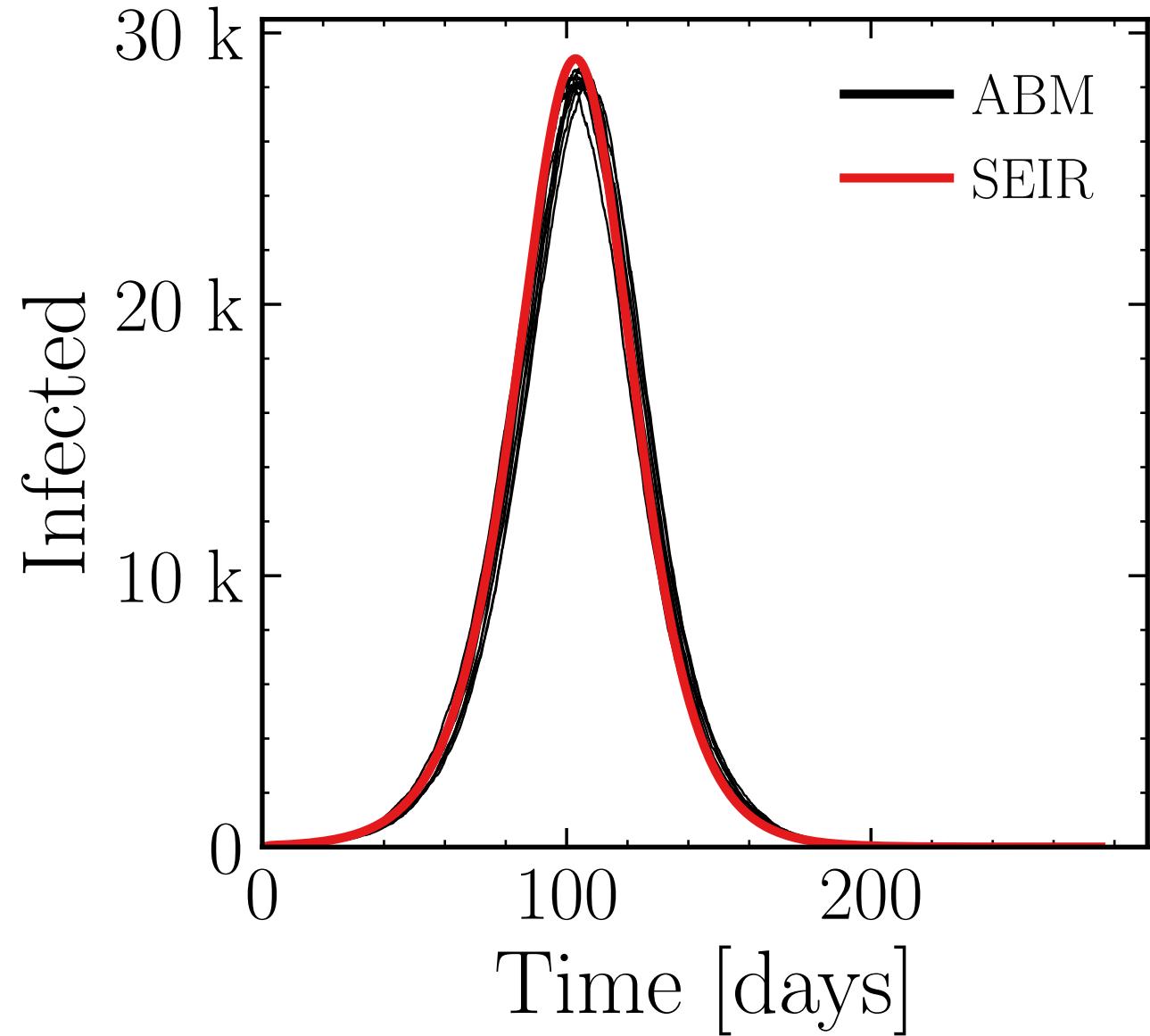
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (28.32 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = 4ee6a66c0a, #10

$R_{\infty}^{\text{ABM}} = (367.9 \pm 0.072\%) \cdot 10^3$



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

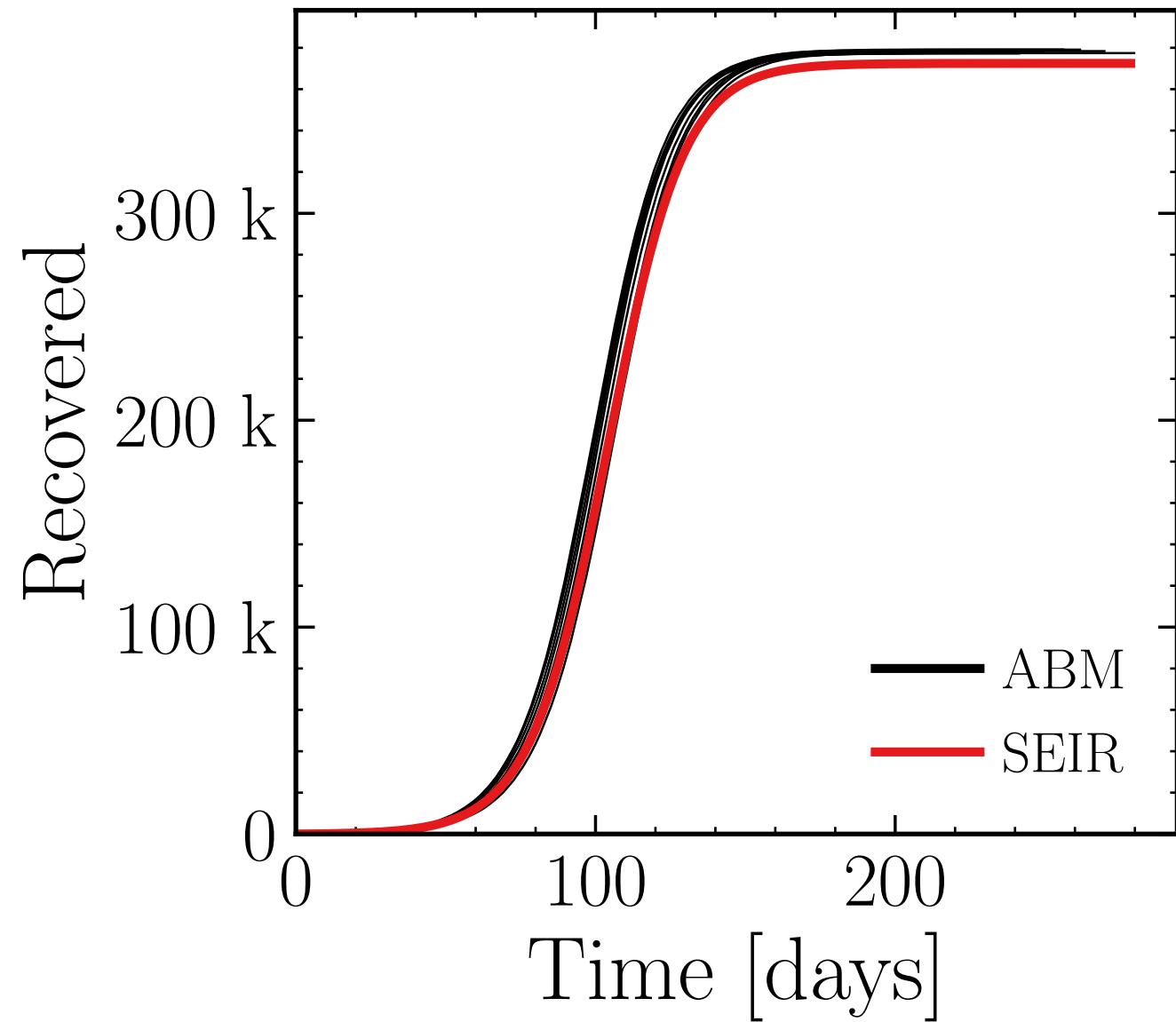
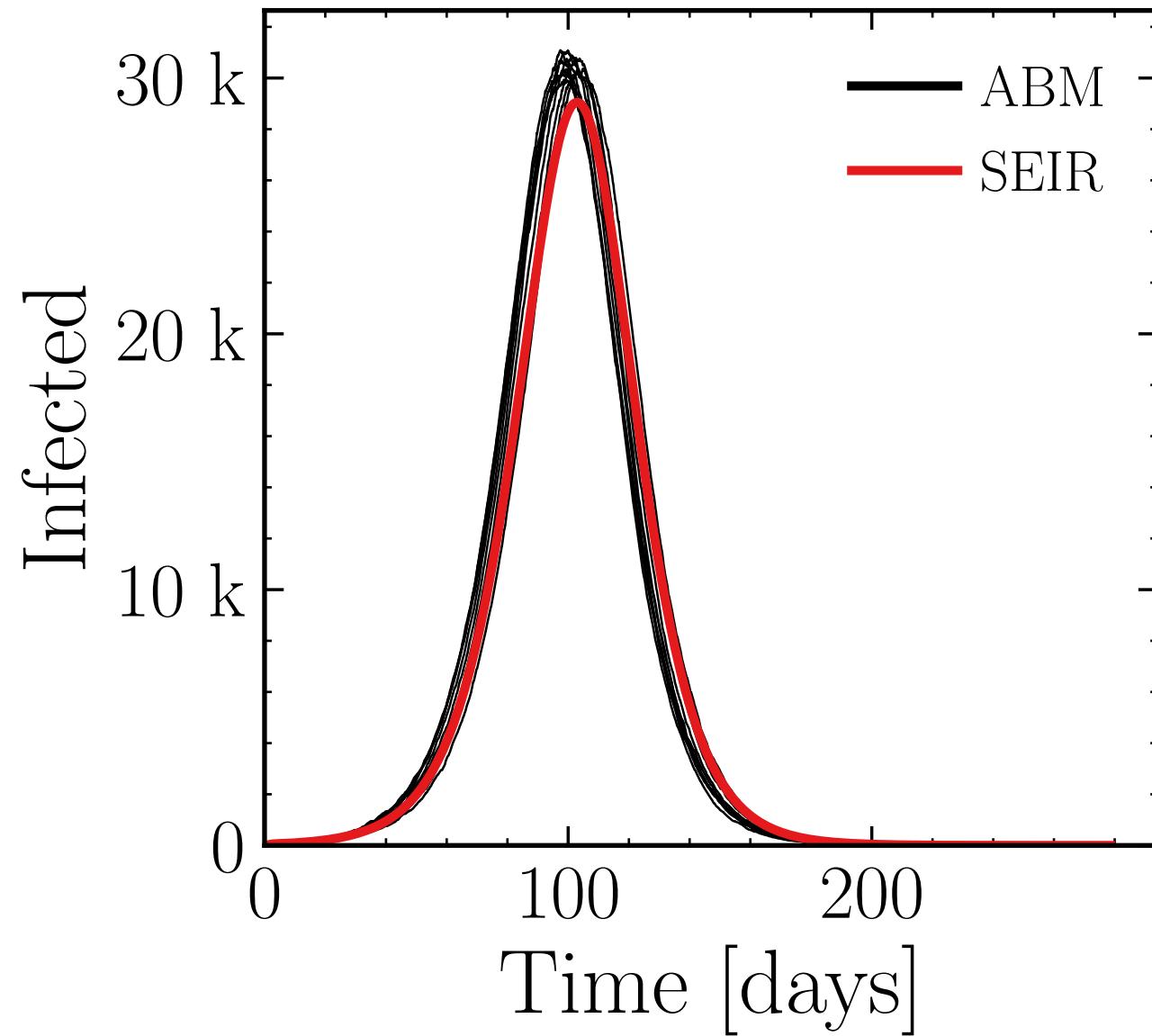
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 15, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (30.6 \pm 0.4\%) \cdot 10^3$

v. = 1.0, hash = b92f154e4c, #10

$R_{\infty}^{\text{ABM}} = (378 \pm 0.053\%) \cdot 10^3$



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

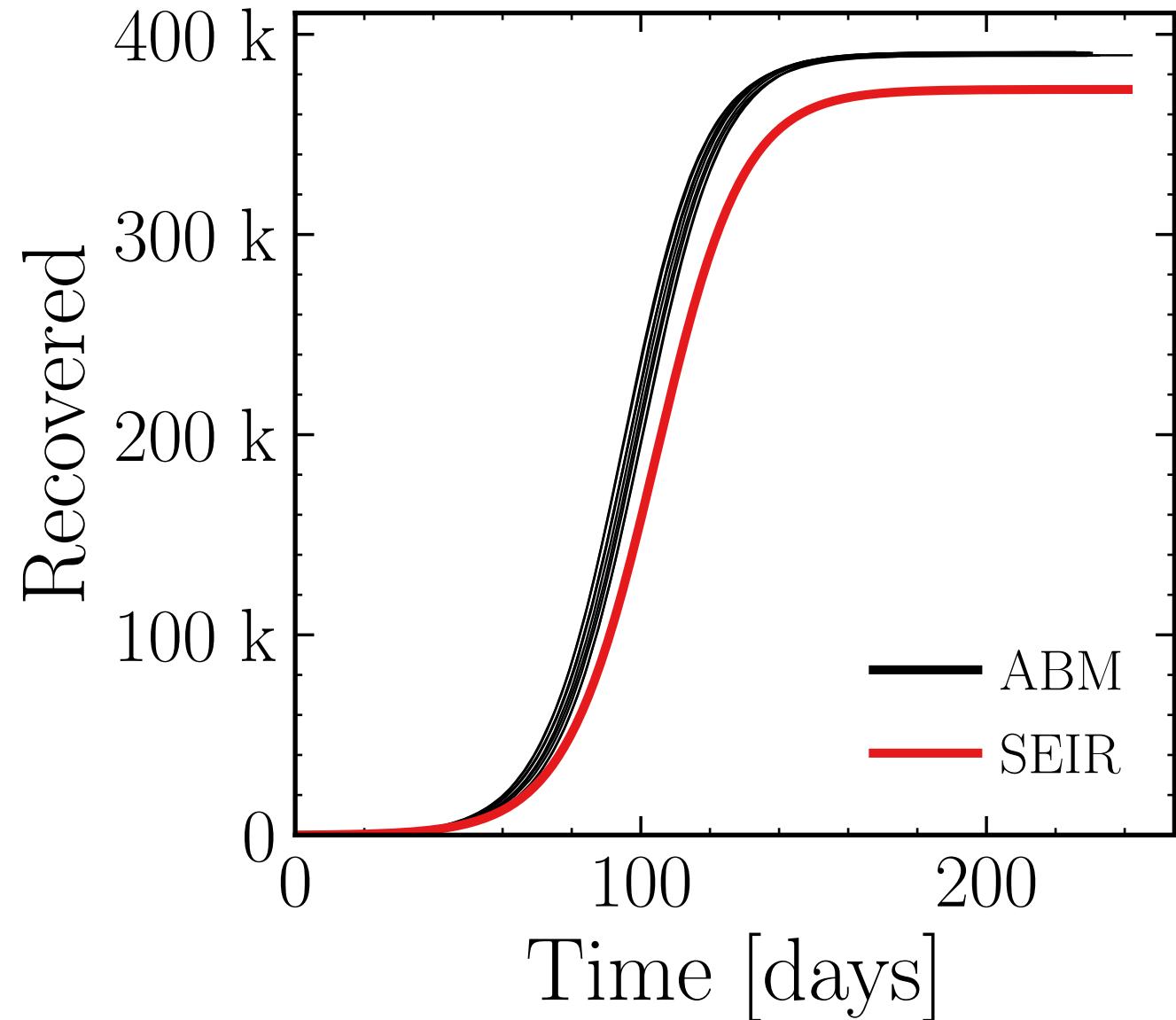
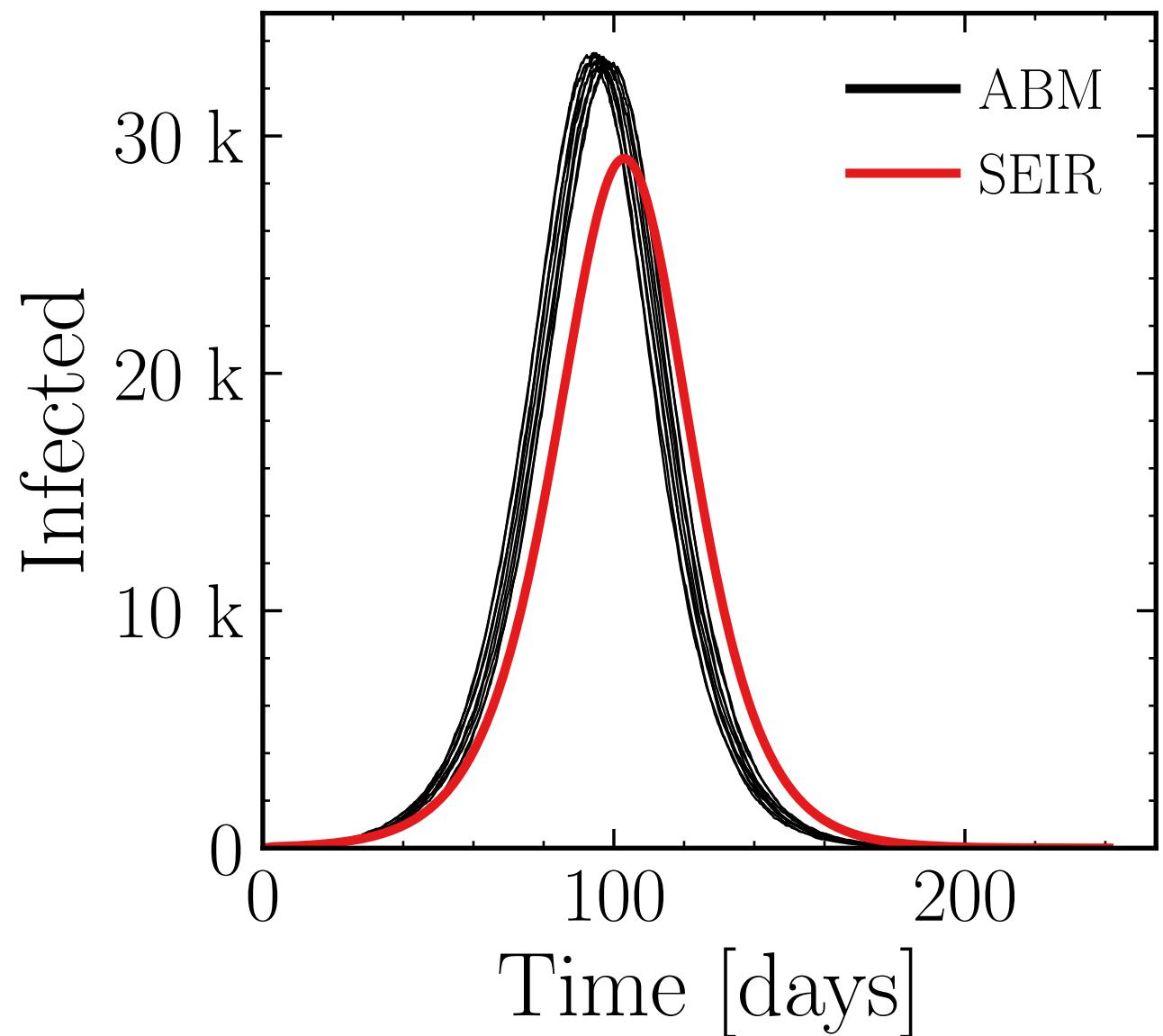
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (33.23 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = ac871cb32b, #10

$R_\infty^{\text{ABM}} = (390.4 \pm 0.055\%) \cdot 10^3$



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

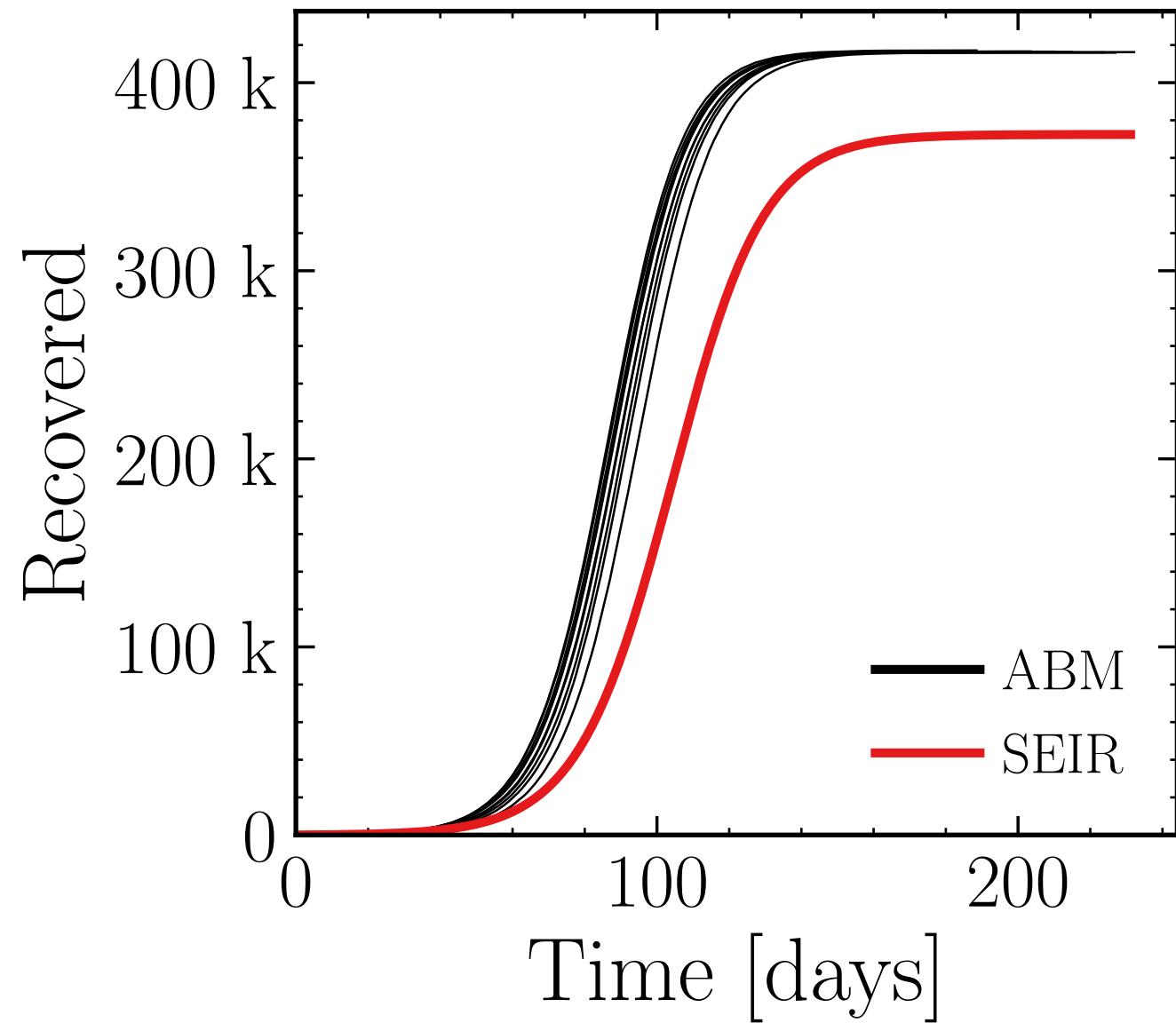
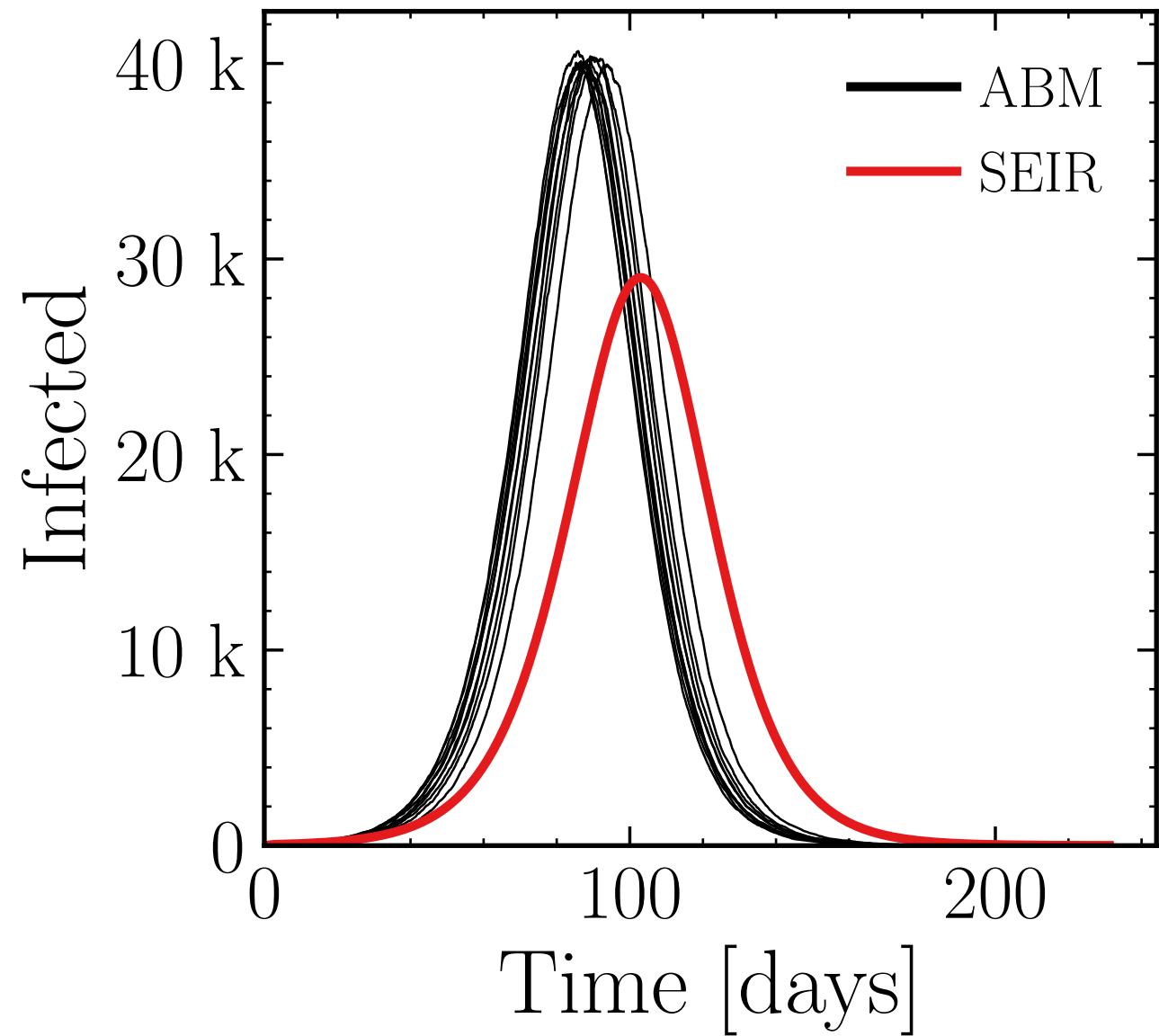
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 30, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.12 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 7057a04ce9, #10

$R_\infty^{\text{ABM}} = (416.39 \pm 0.024\%) \cdot 10^3$



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

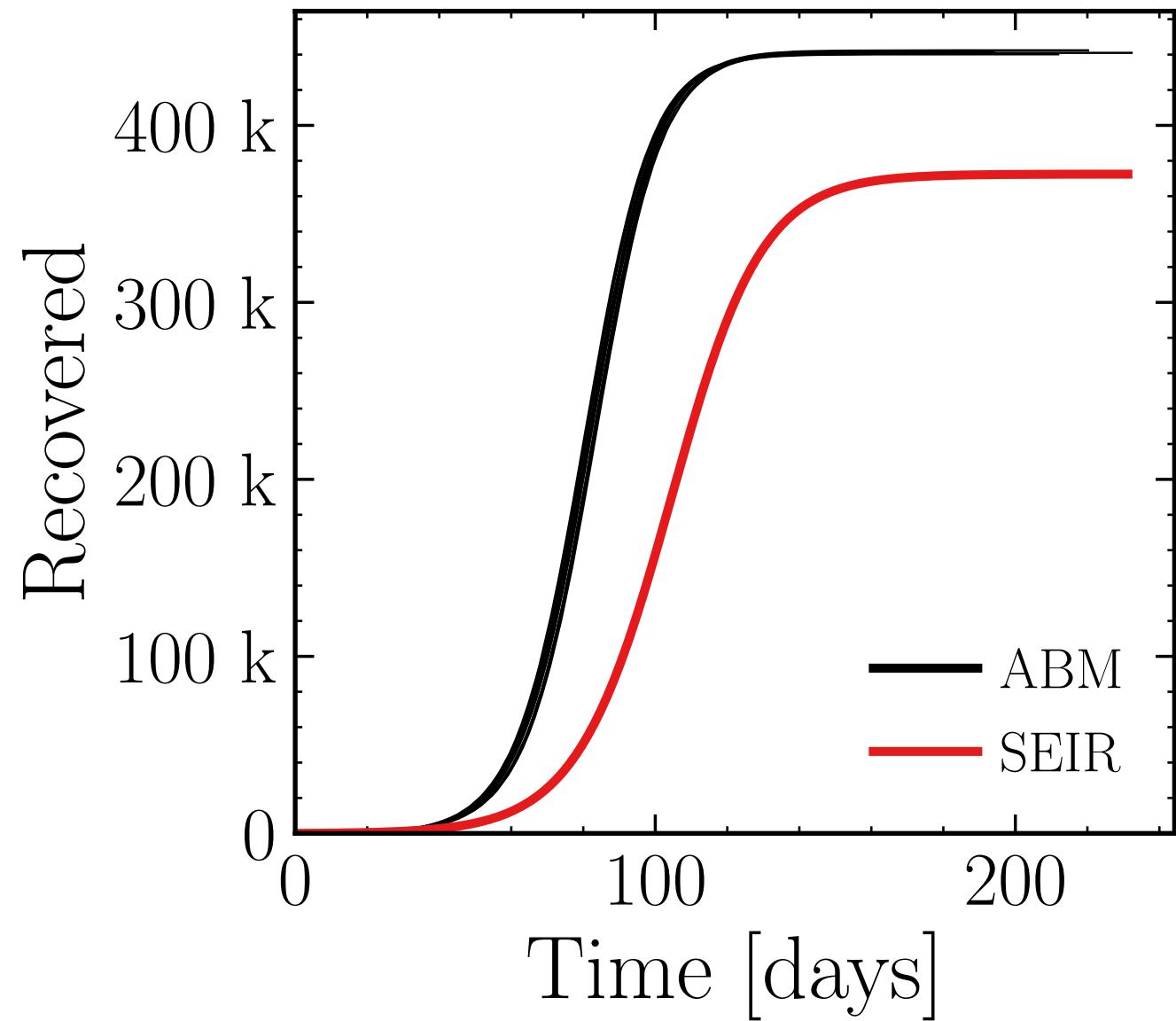
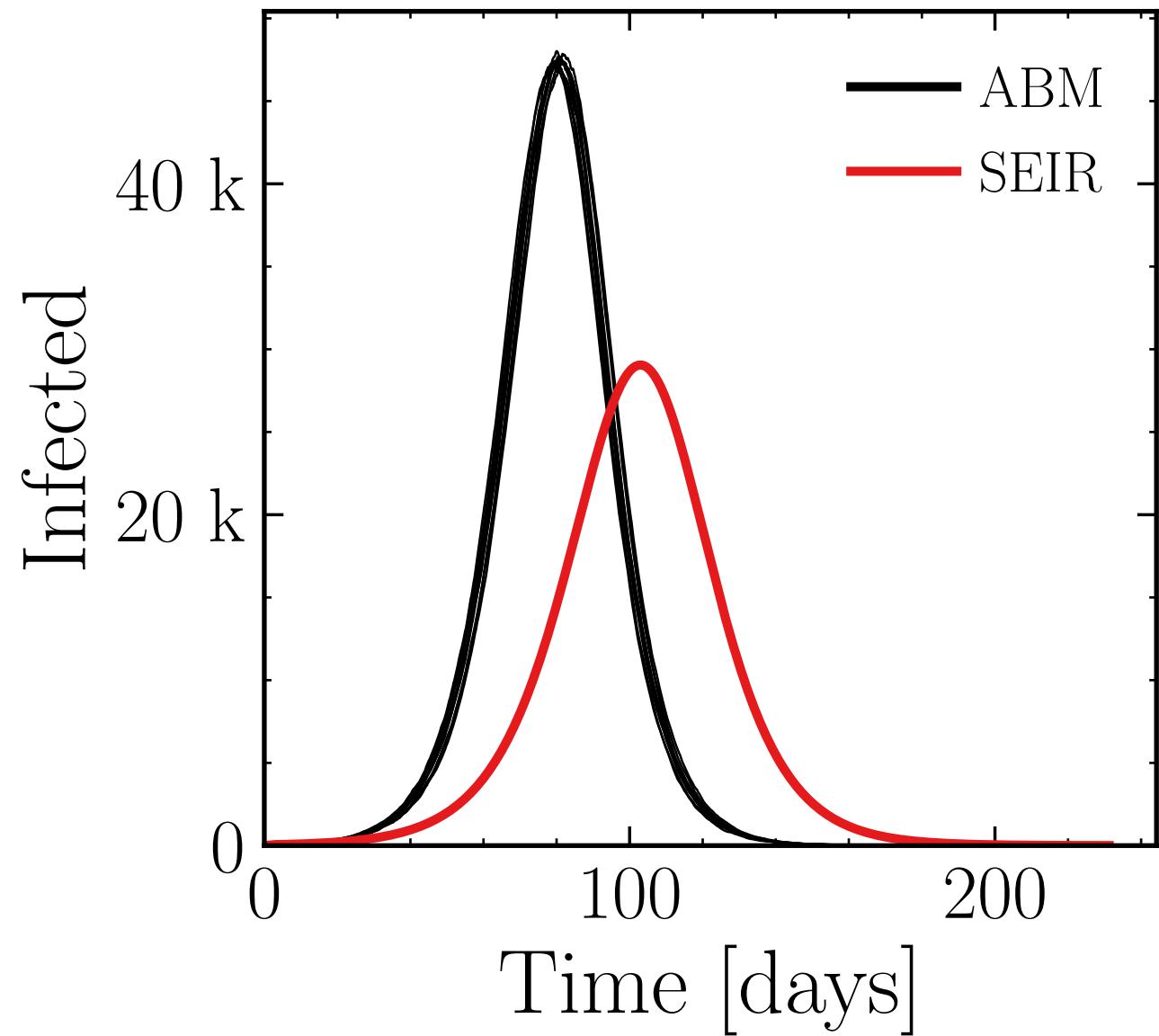
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 40, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (47.48 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = ba59d74a84, #10

$R_{\infty}^{\text{ABM}} = (441.1 \pm 0.044\%) \cdot 10^3$



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

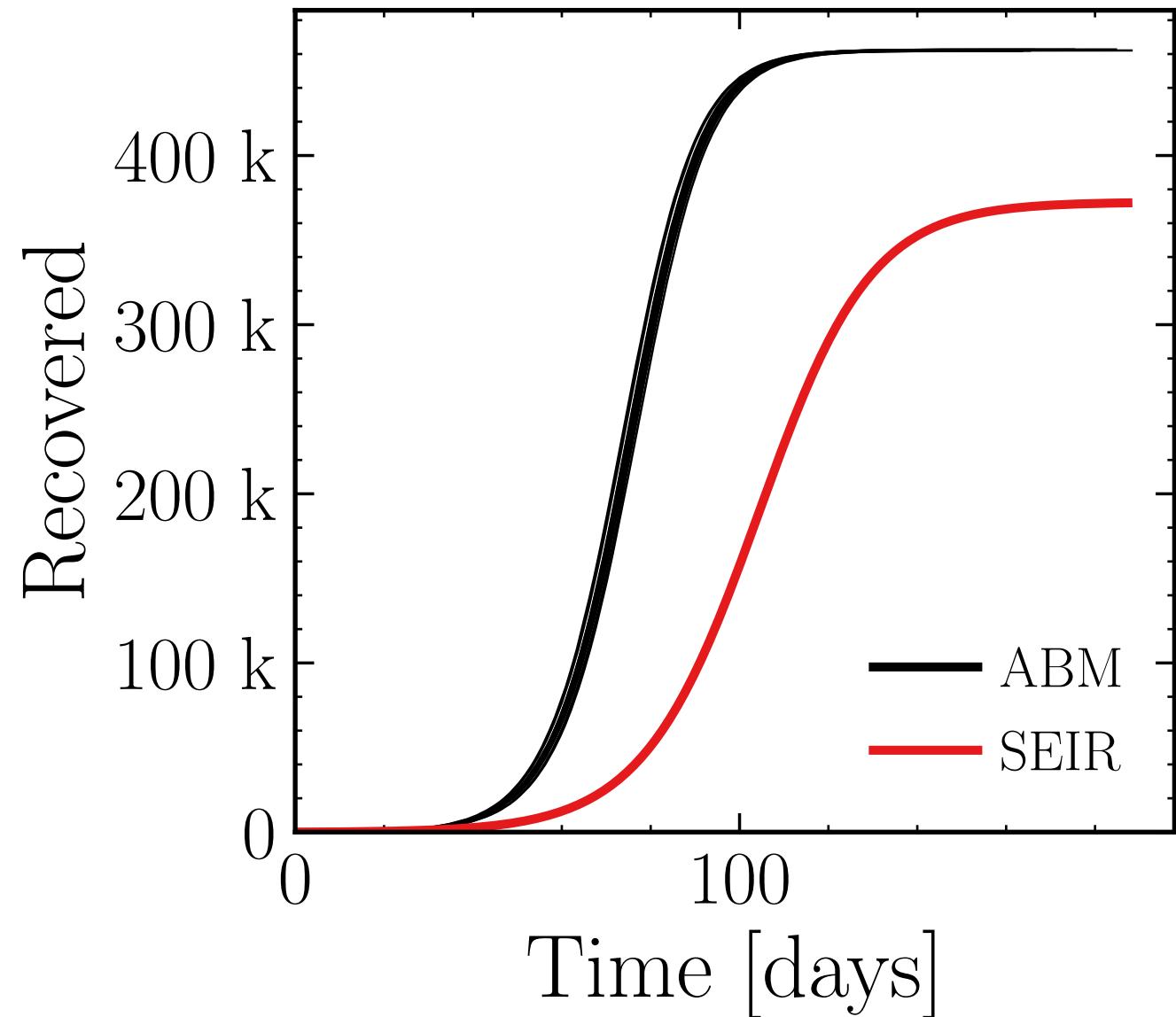
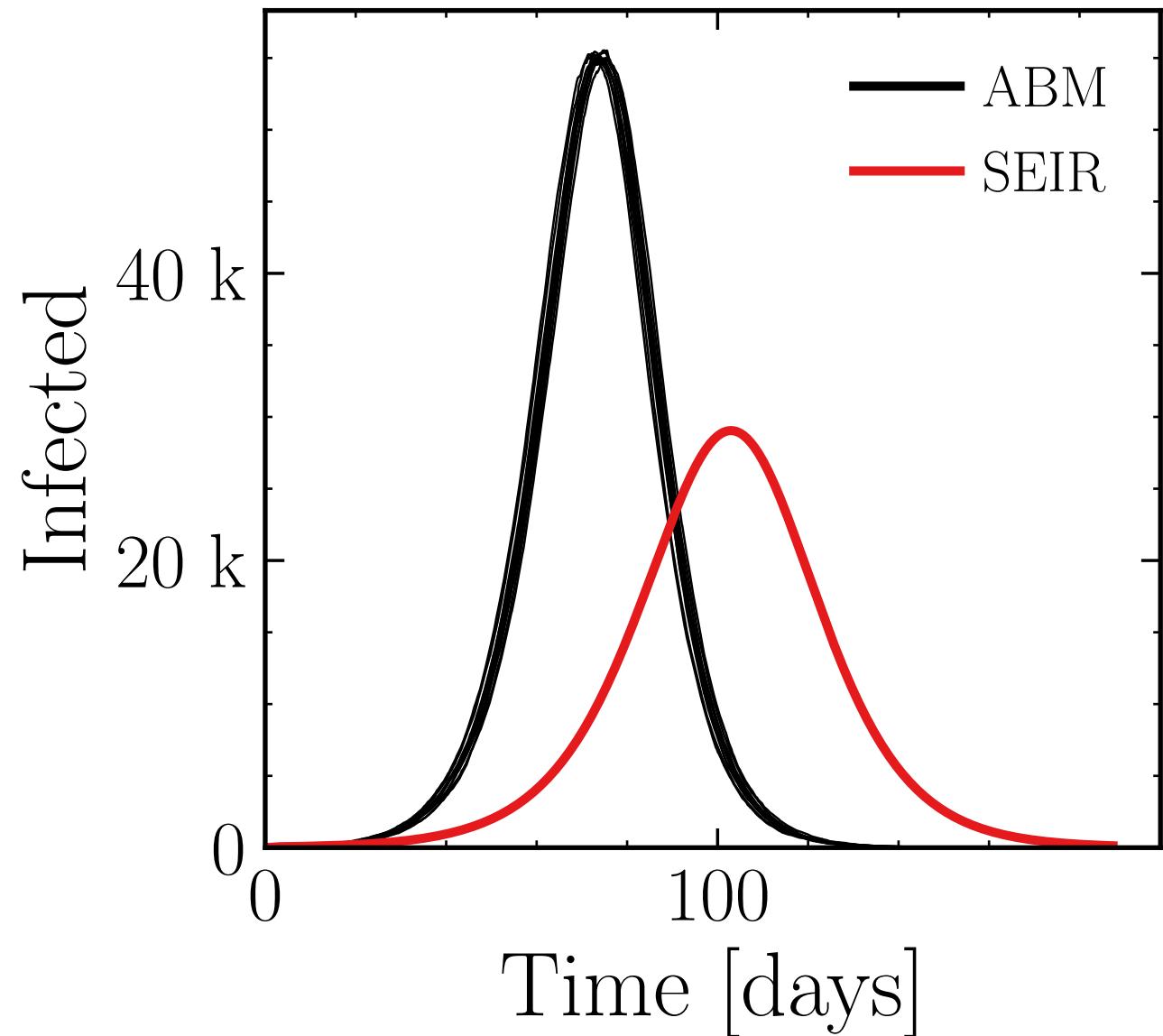
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{max}}^{\text{ABM}} = (55.16 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = e4a8c474b8, #10

$R_{\infty}^{\text{ABM}} = (462.31 \pm 0.02\%) \cdot 10^3$



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

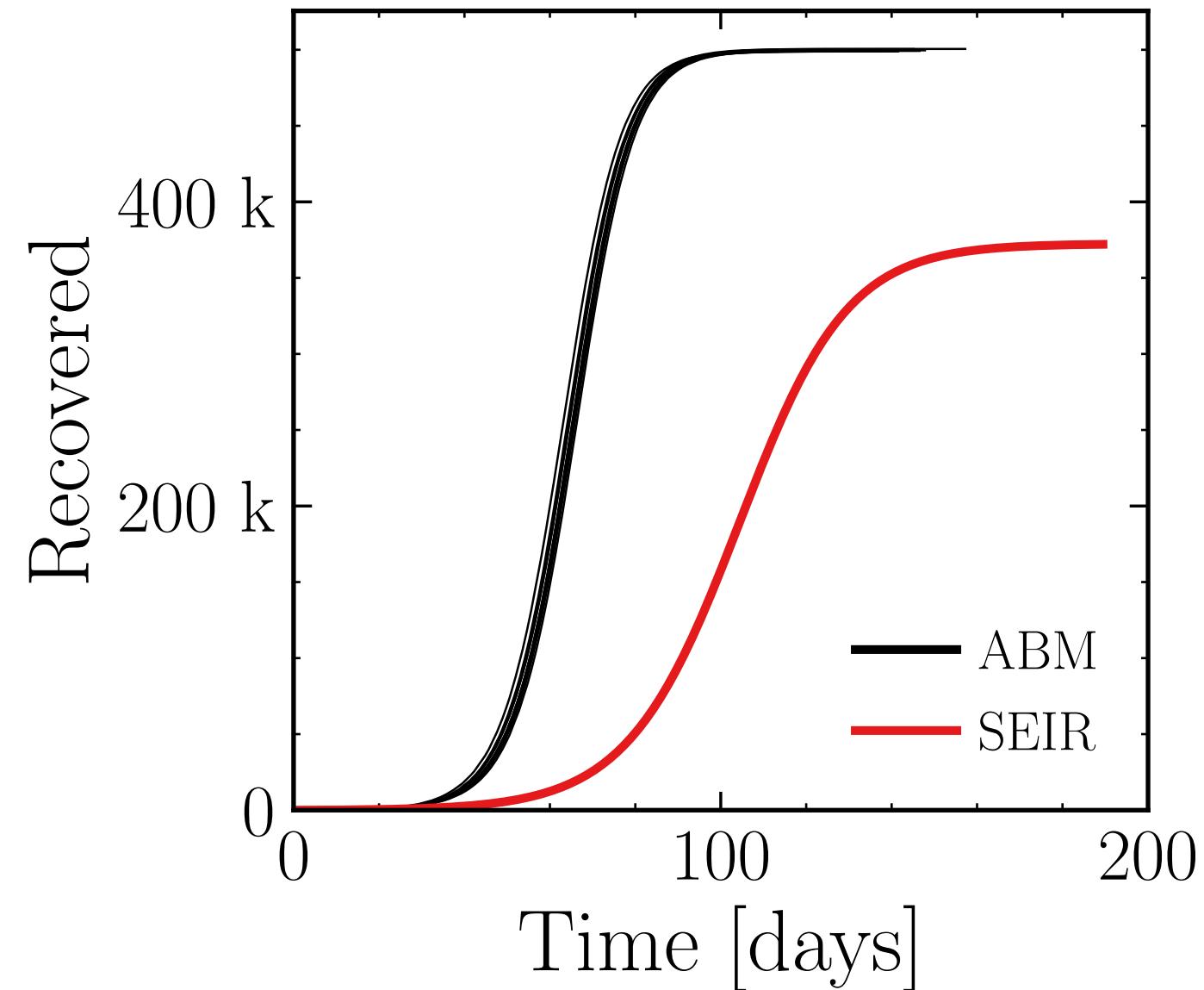
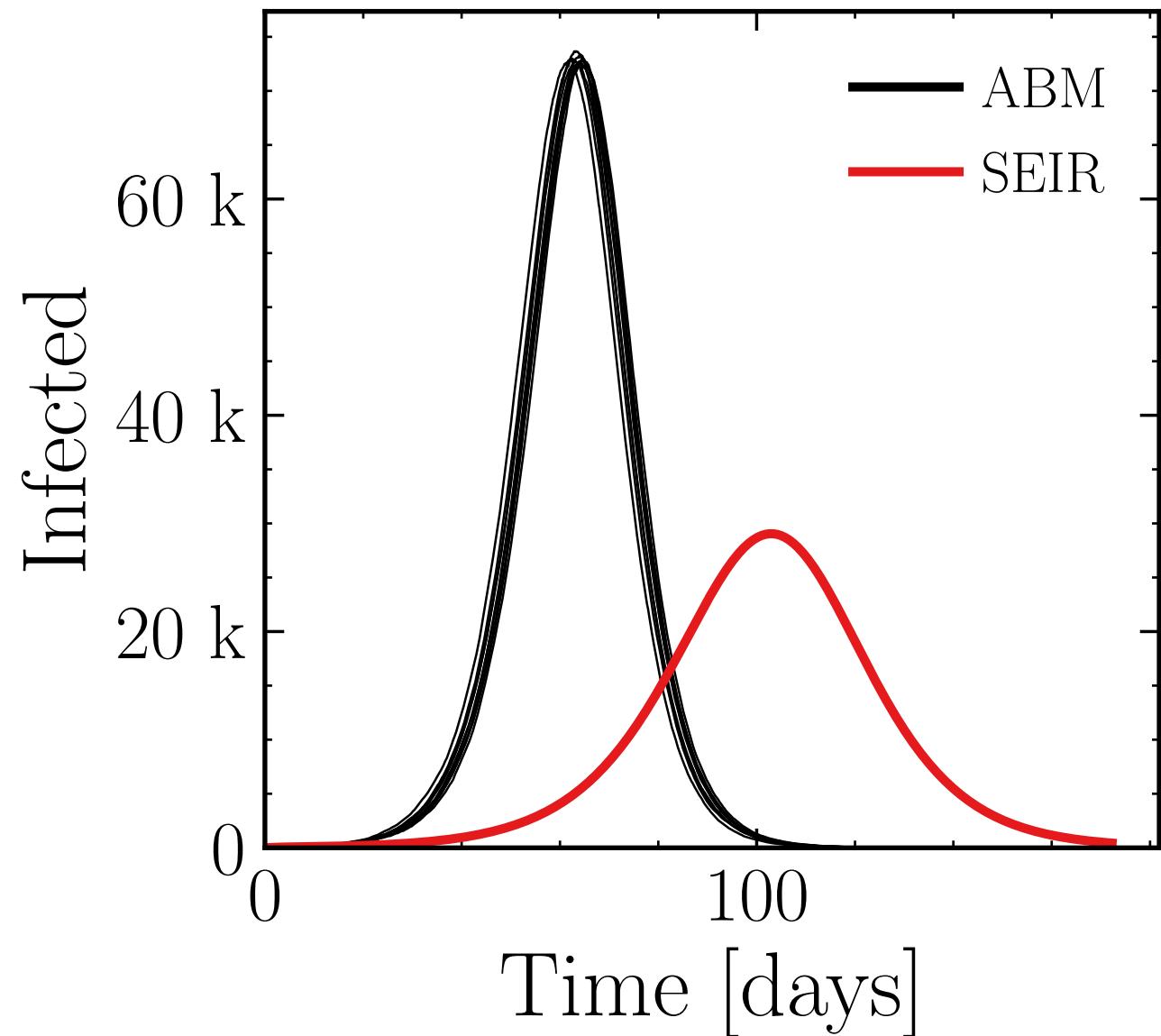
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 75, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (72.9 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 343d274f18, #10

$R_{\infty}^{\text{ABM}} = (499.6 \pm 0.033\%) \cdot 10^3$



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

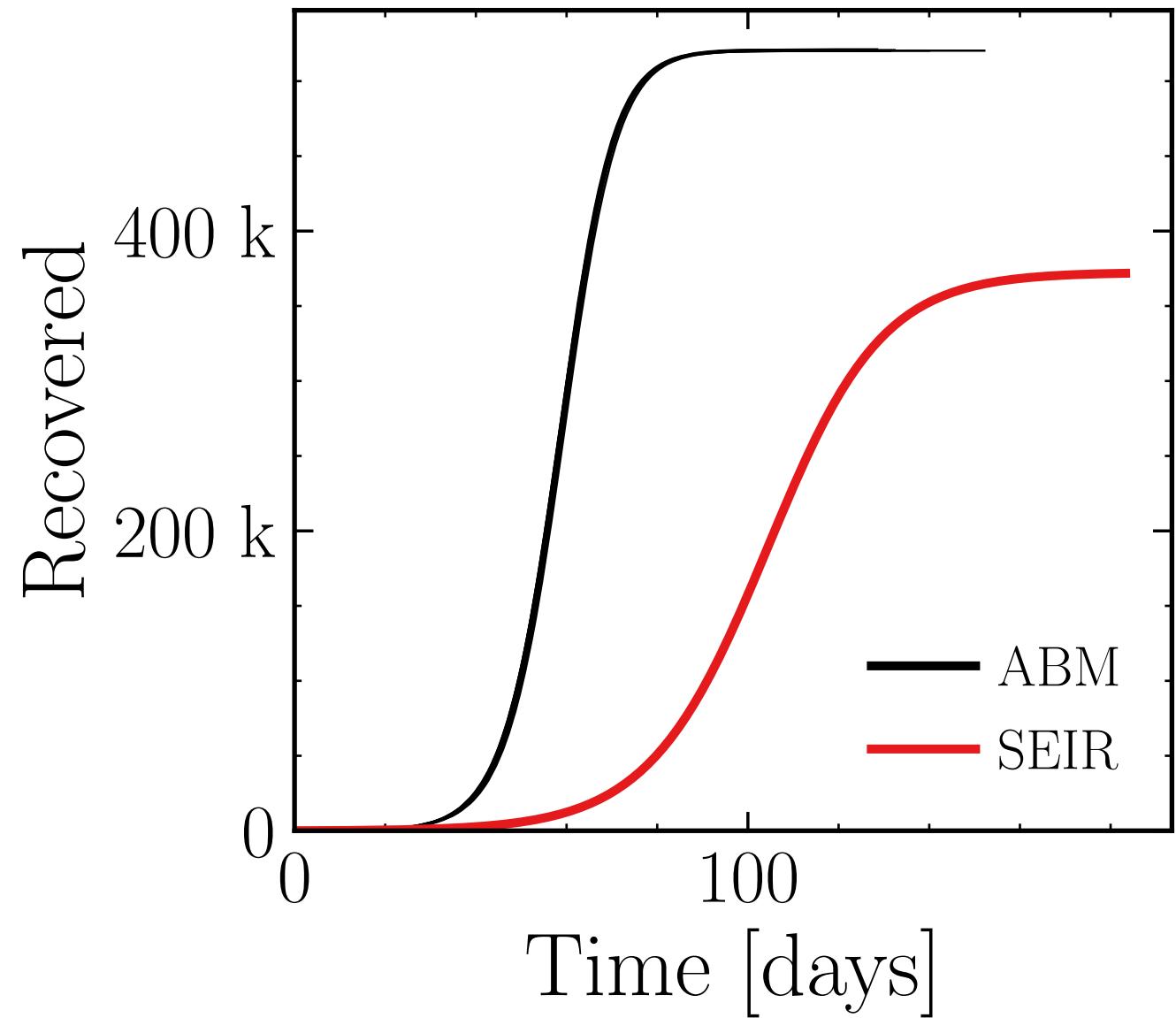
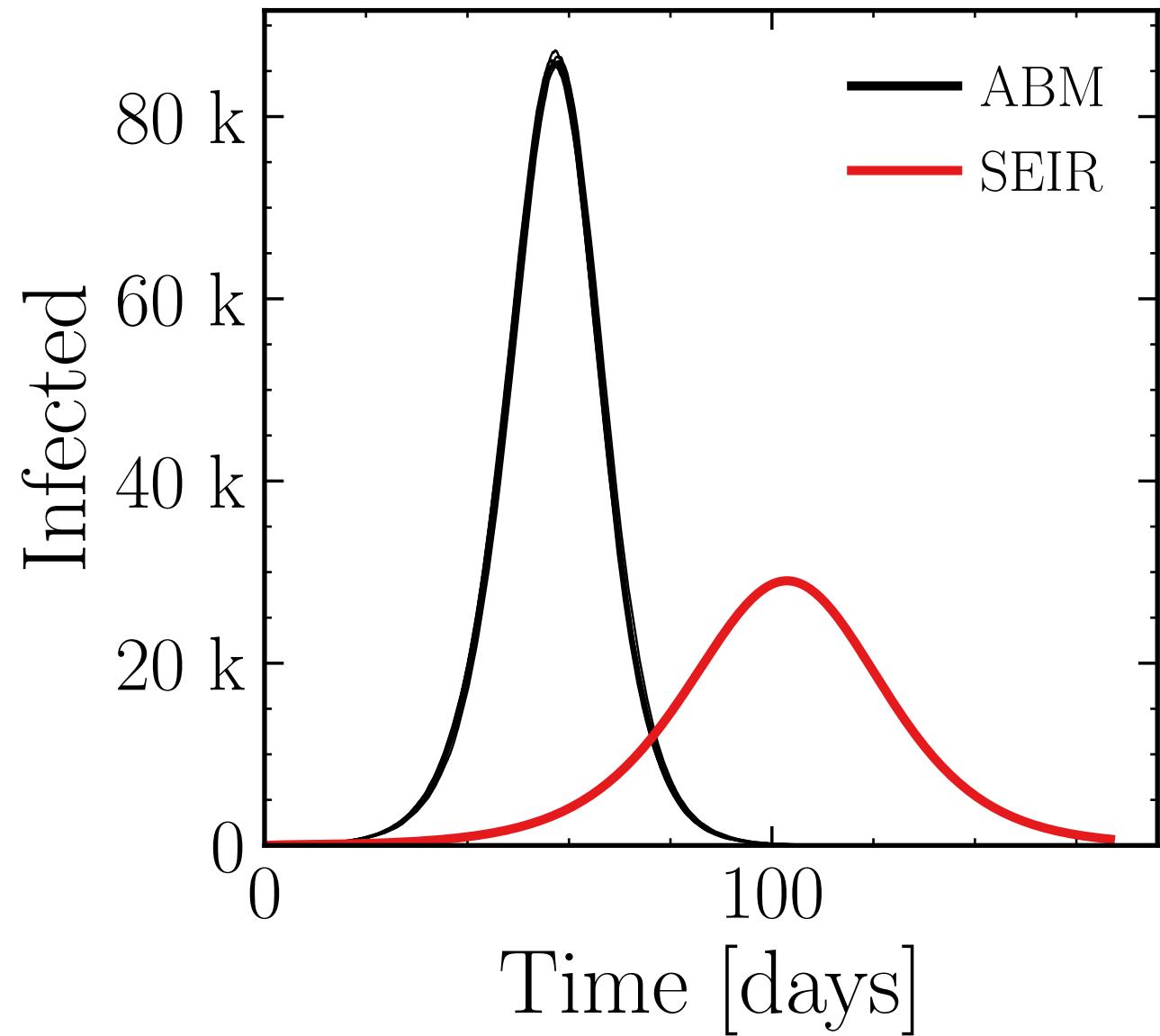
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{size_{max}} = 100, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (86.2 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = d11782448a, #10

$R_\infty^{\text{ABM}} = (520.6 \pm 0.02\%) \cdot 10^3$



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

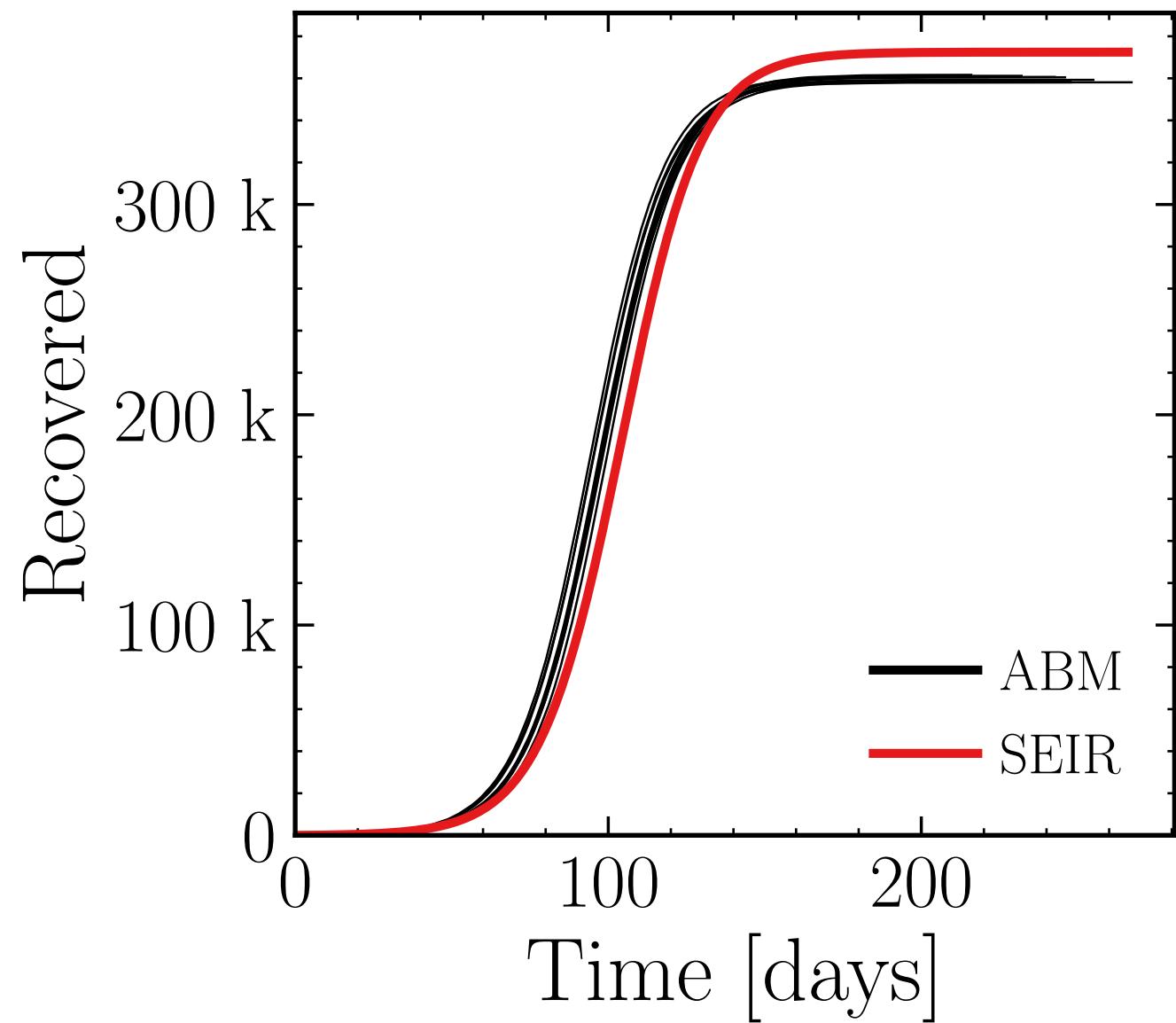
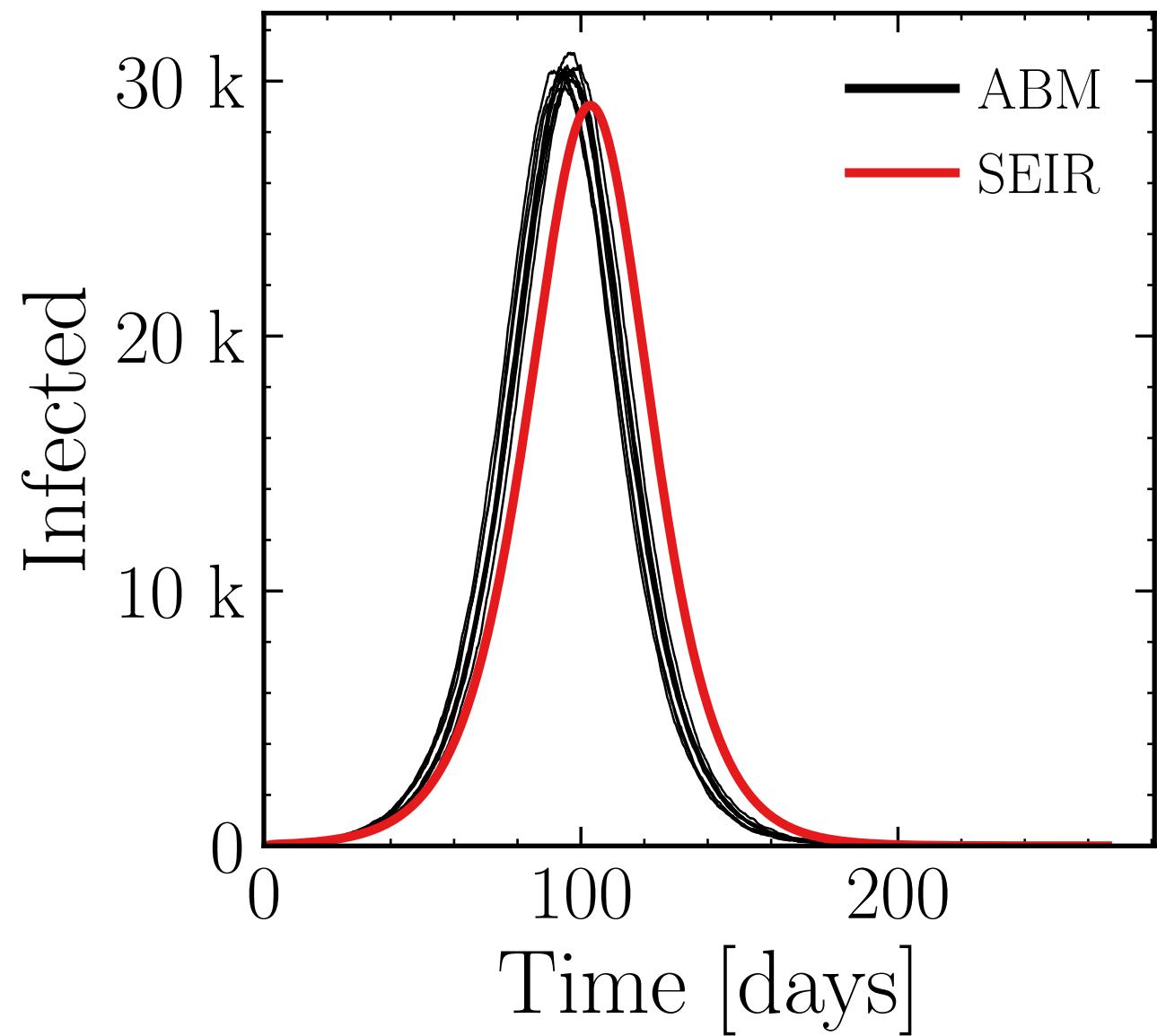
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (30.4 \pm 0.35\%) \cdot 10^3$

v. = 1.0, hash = 1570bd3d81, #10

$R_\infty^{\text{ABM}} = (359.8 \pm 0.11\%) \cdot 10^3$



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

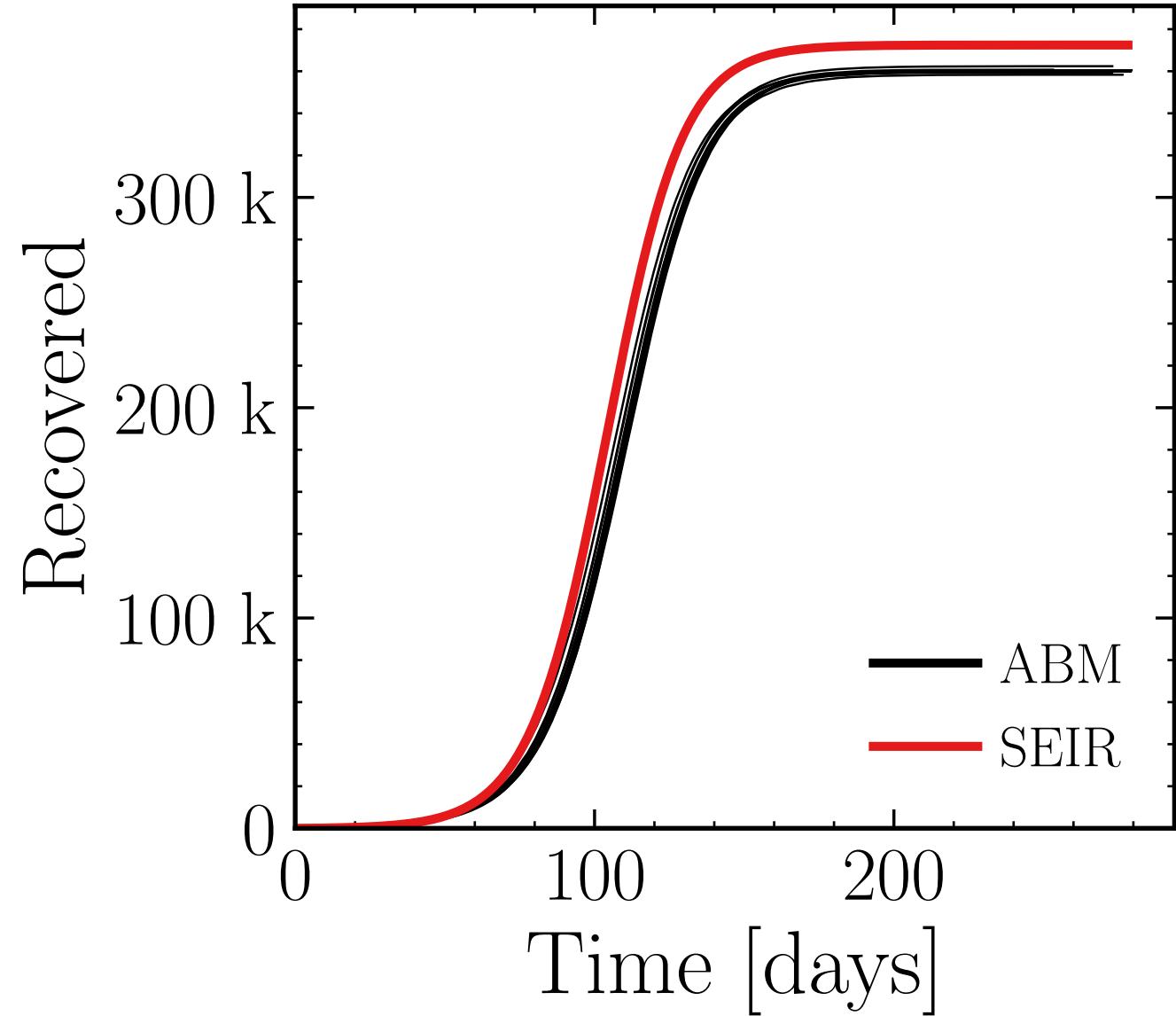
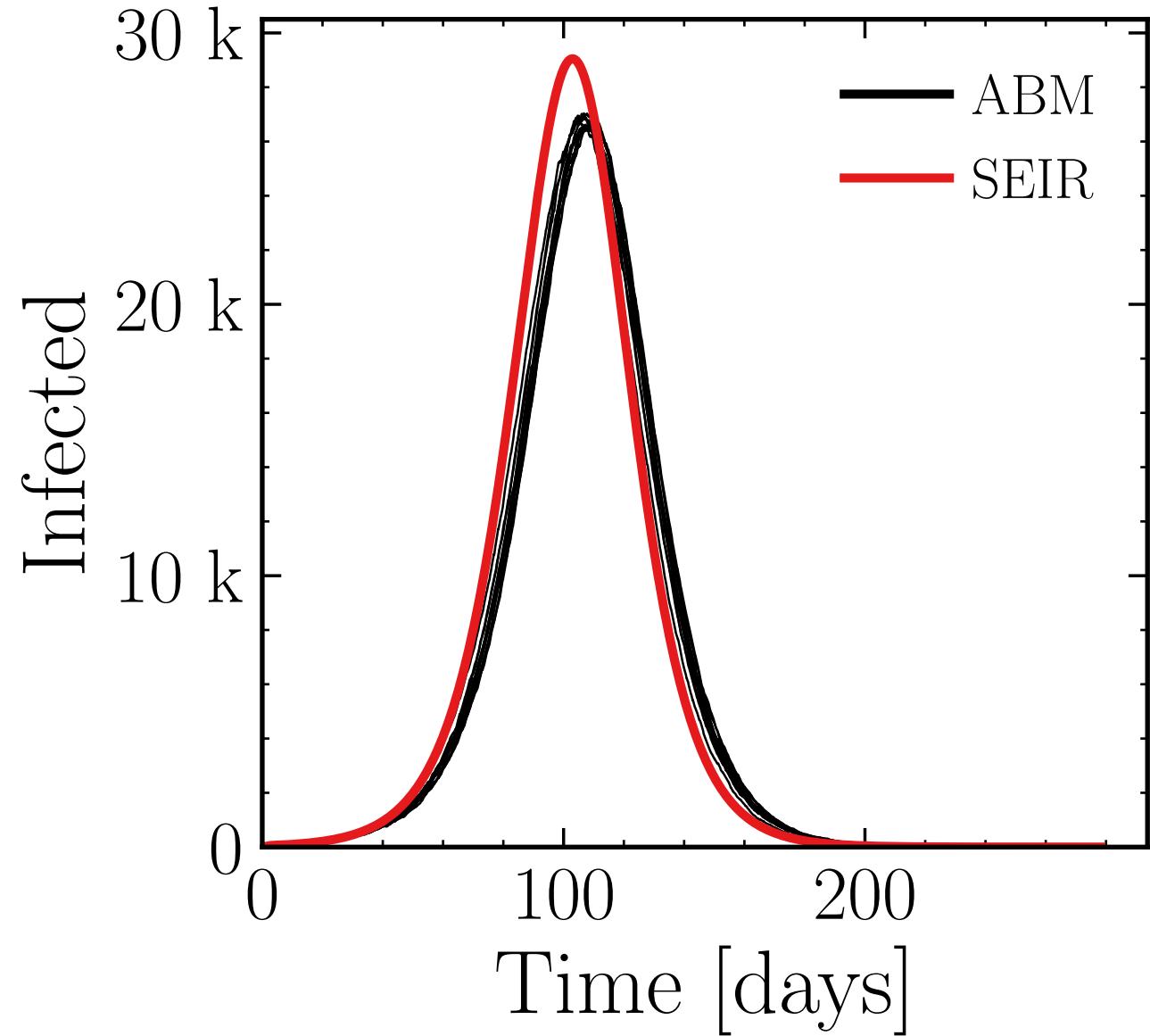
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.74 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = ca86b7df51, #10

$R_{\infty}^{\text{ABM}} = (360.2 \pm 0.086\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

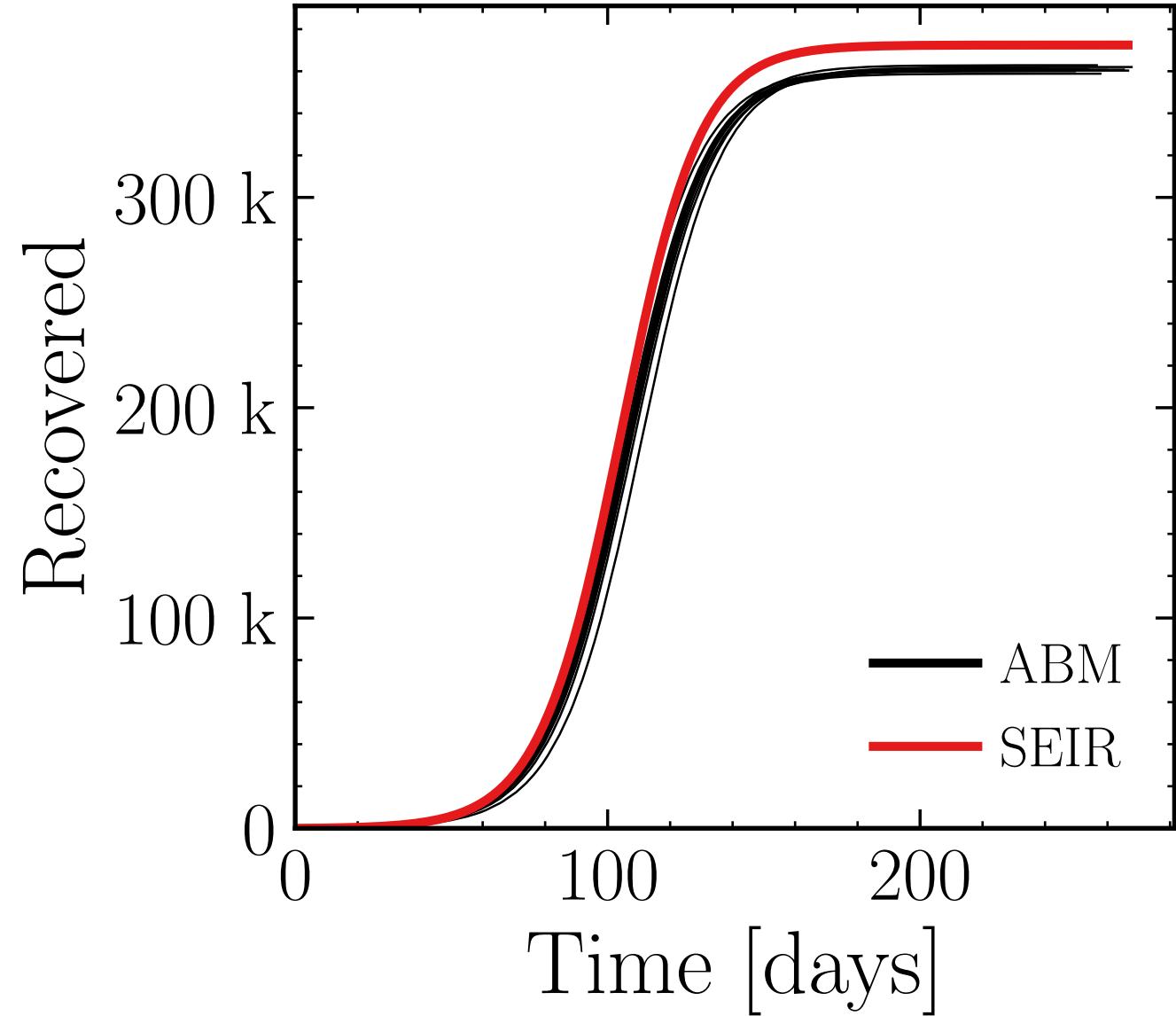
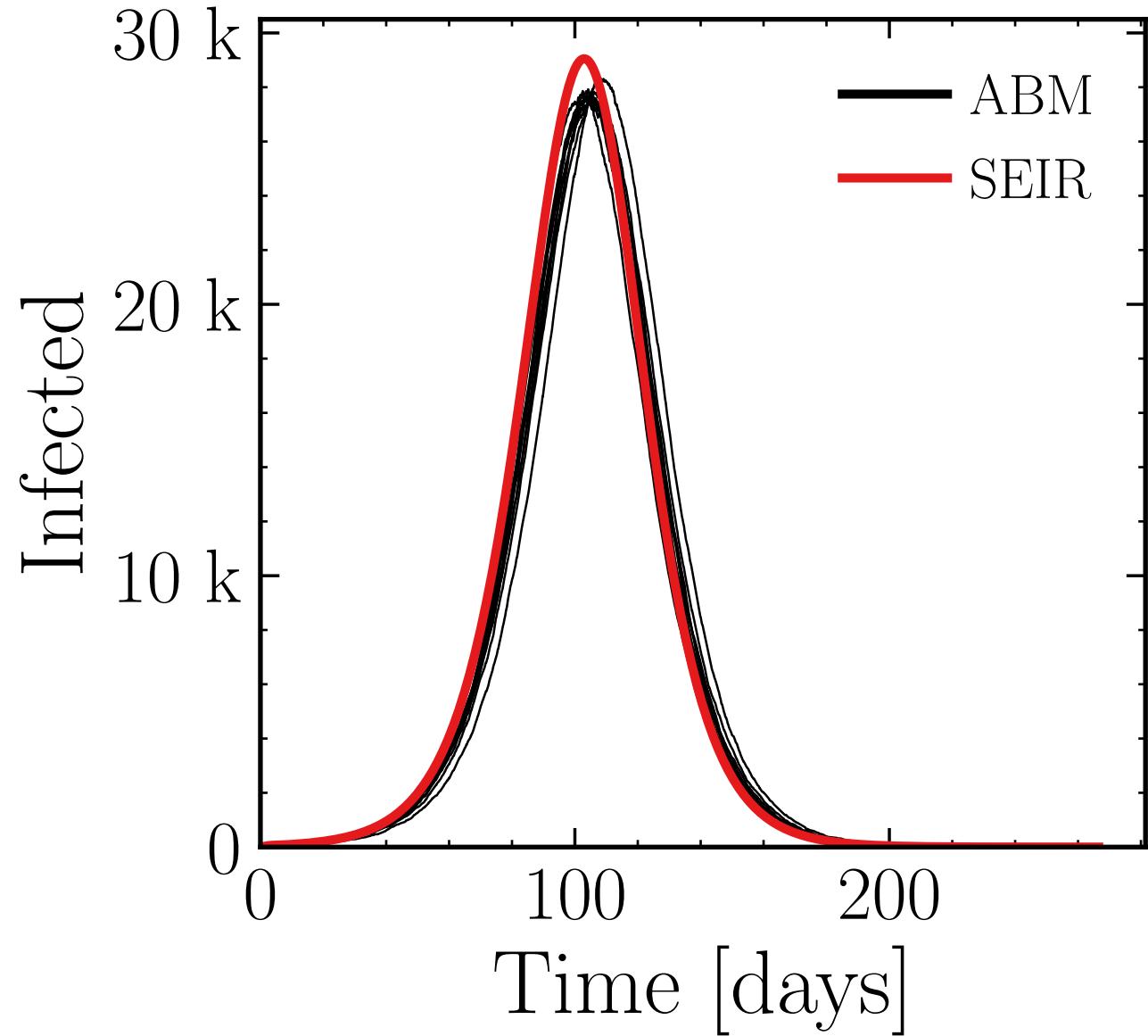
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.77 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = baa7a3c033, #10

$R_\infty^{\text{ABM}} = (360.8 \pm 0.089\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

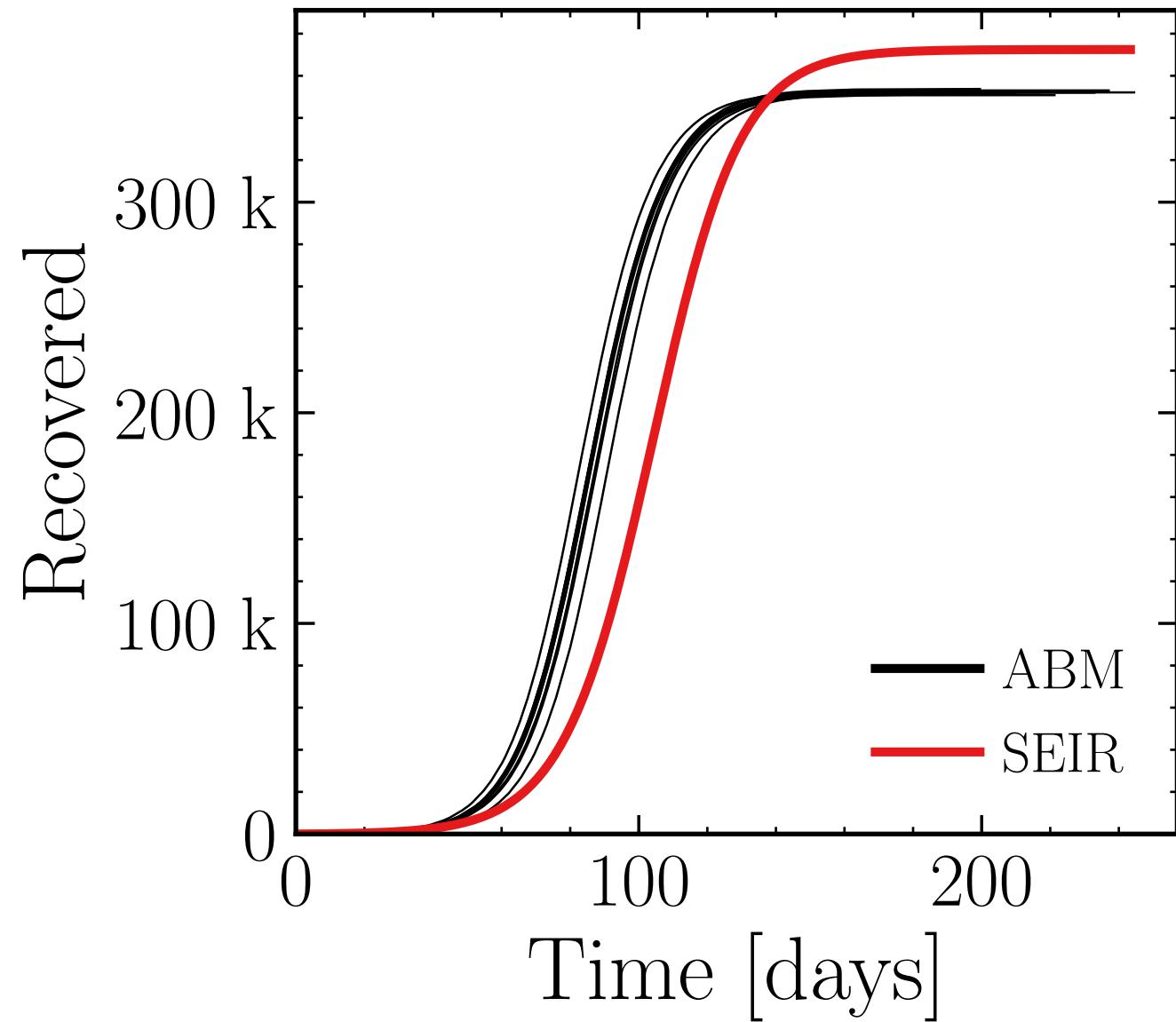
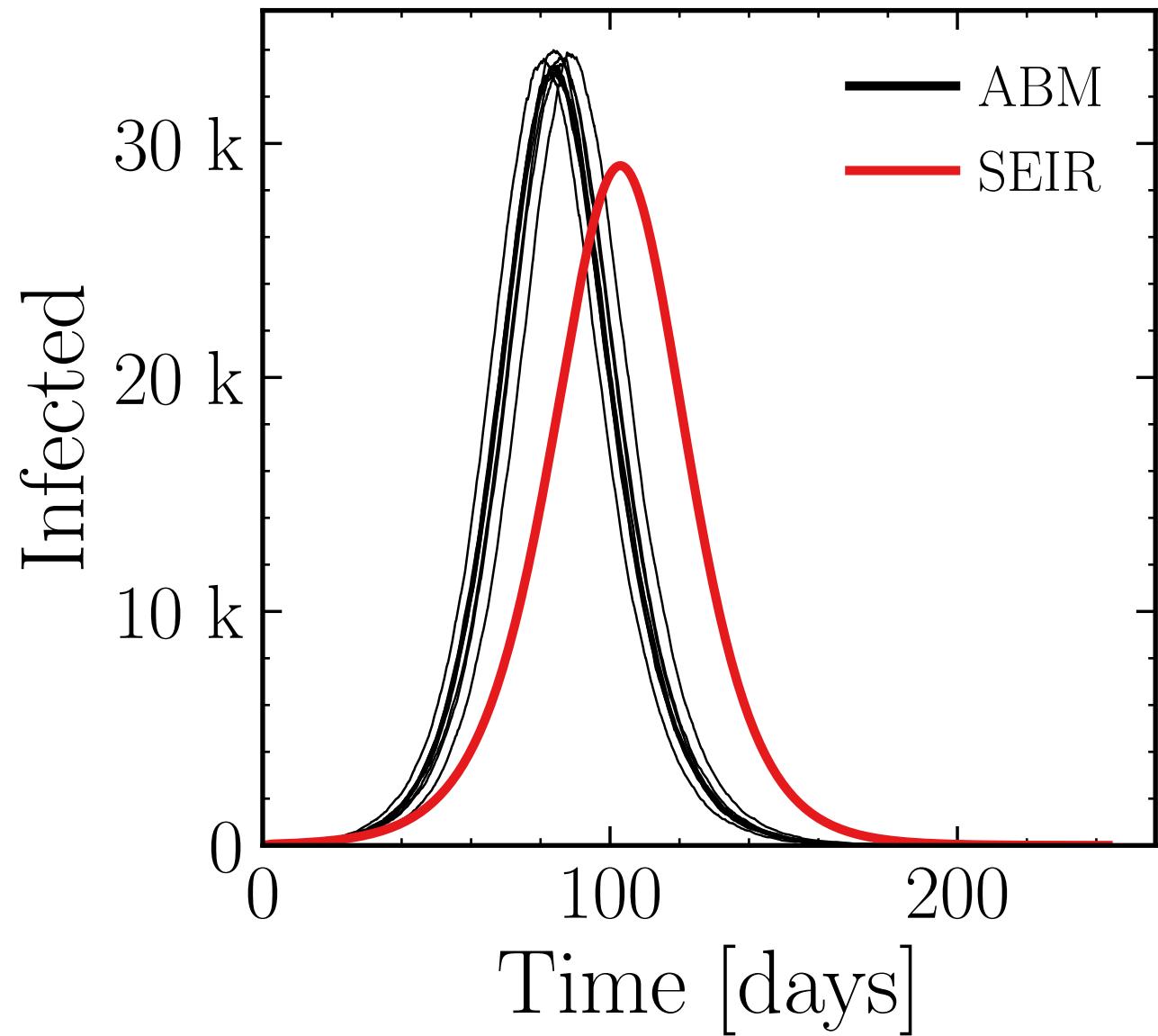
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33.45 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 17ae2e7324, #10

$R_{\infty}^{\text{ABM}} = (352.2 \pm 0.071\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

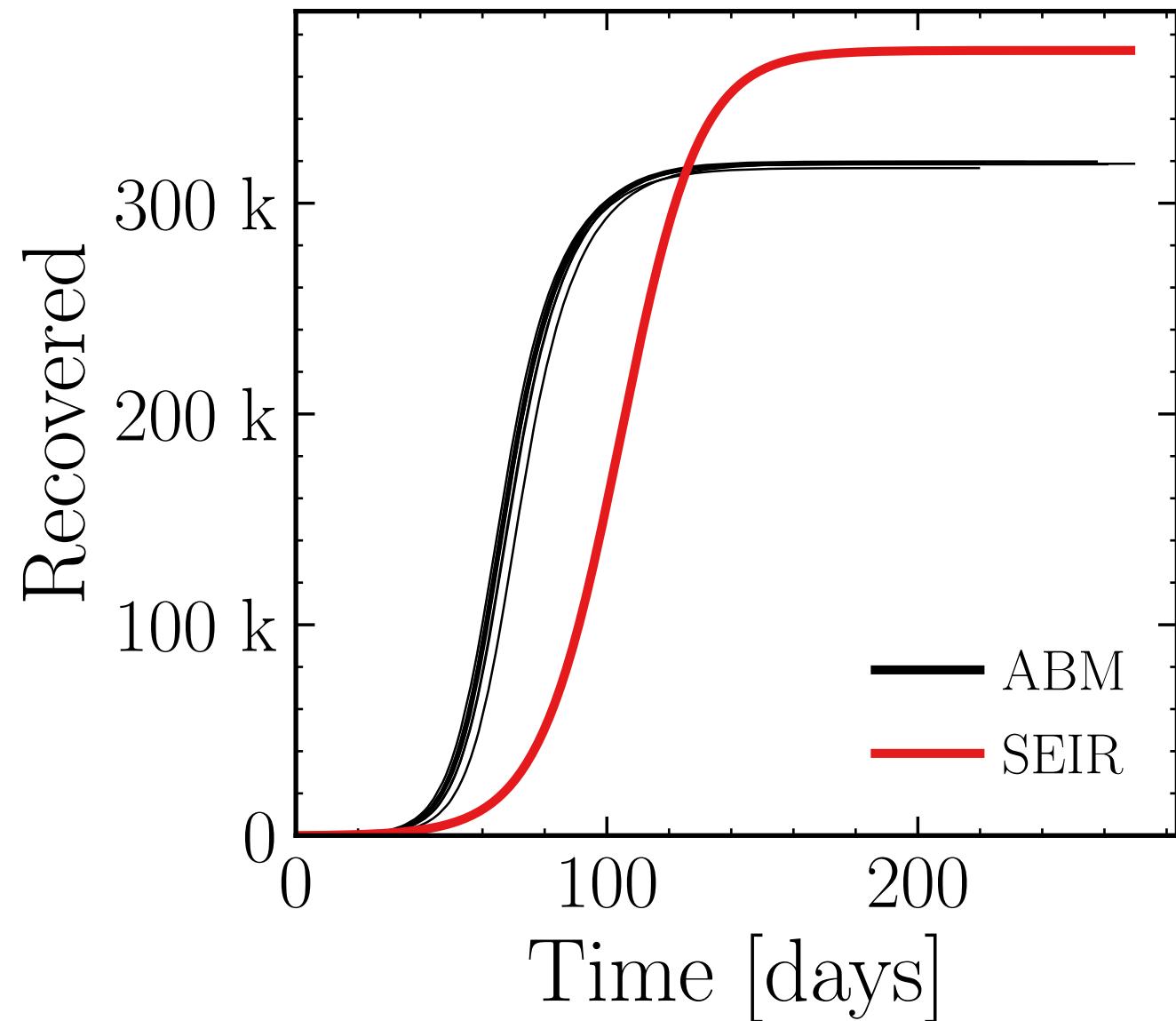
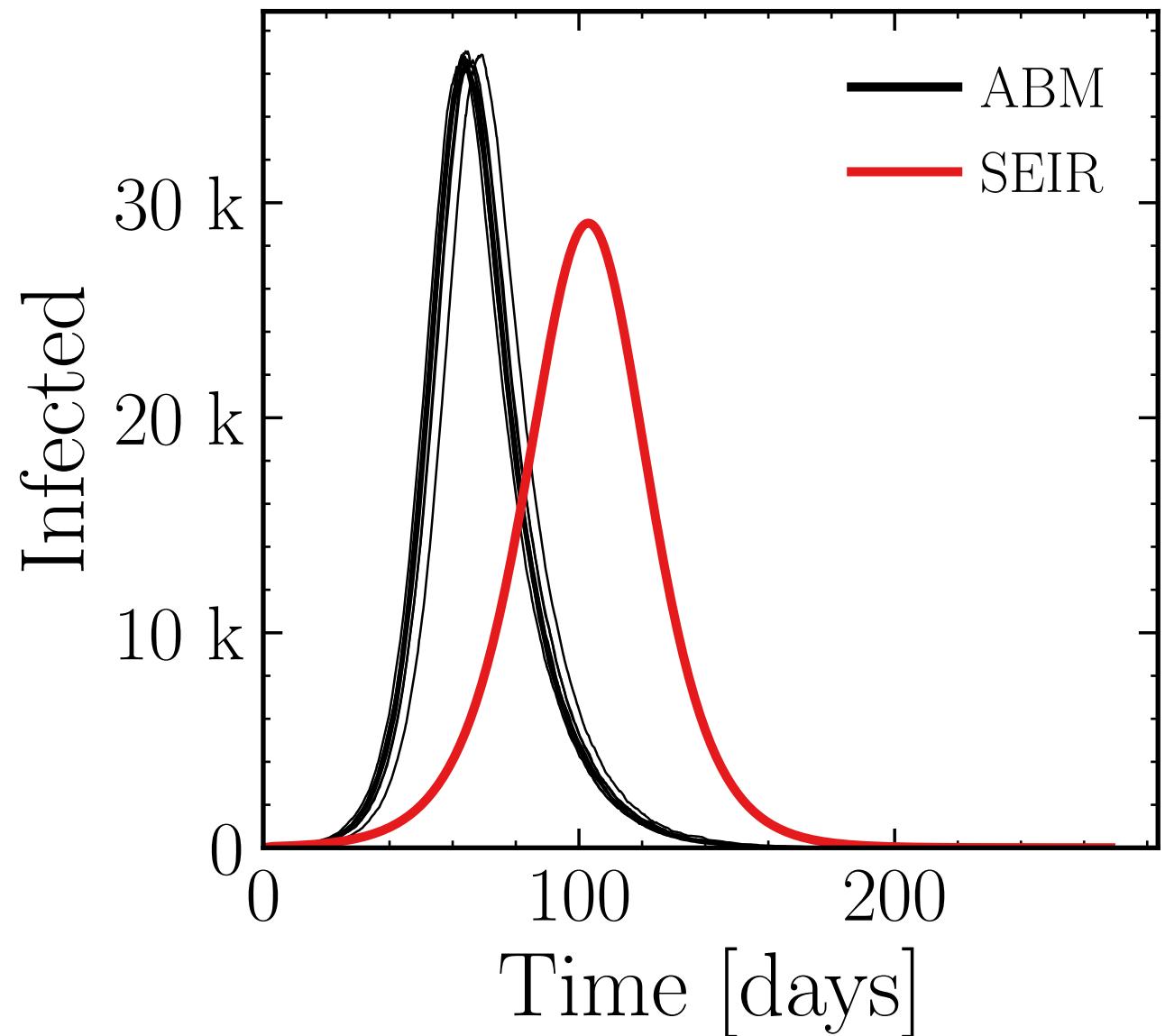
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (36.68 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = ebca1f08d0, #10

$R_{\infty}^{\text{ABM}} = (318.8 \pm 0.082\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

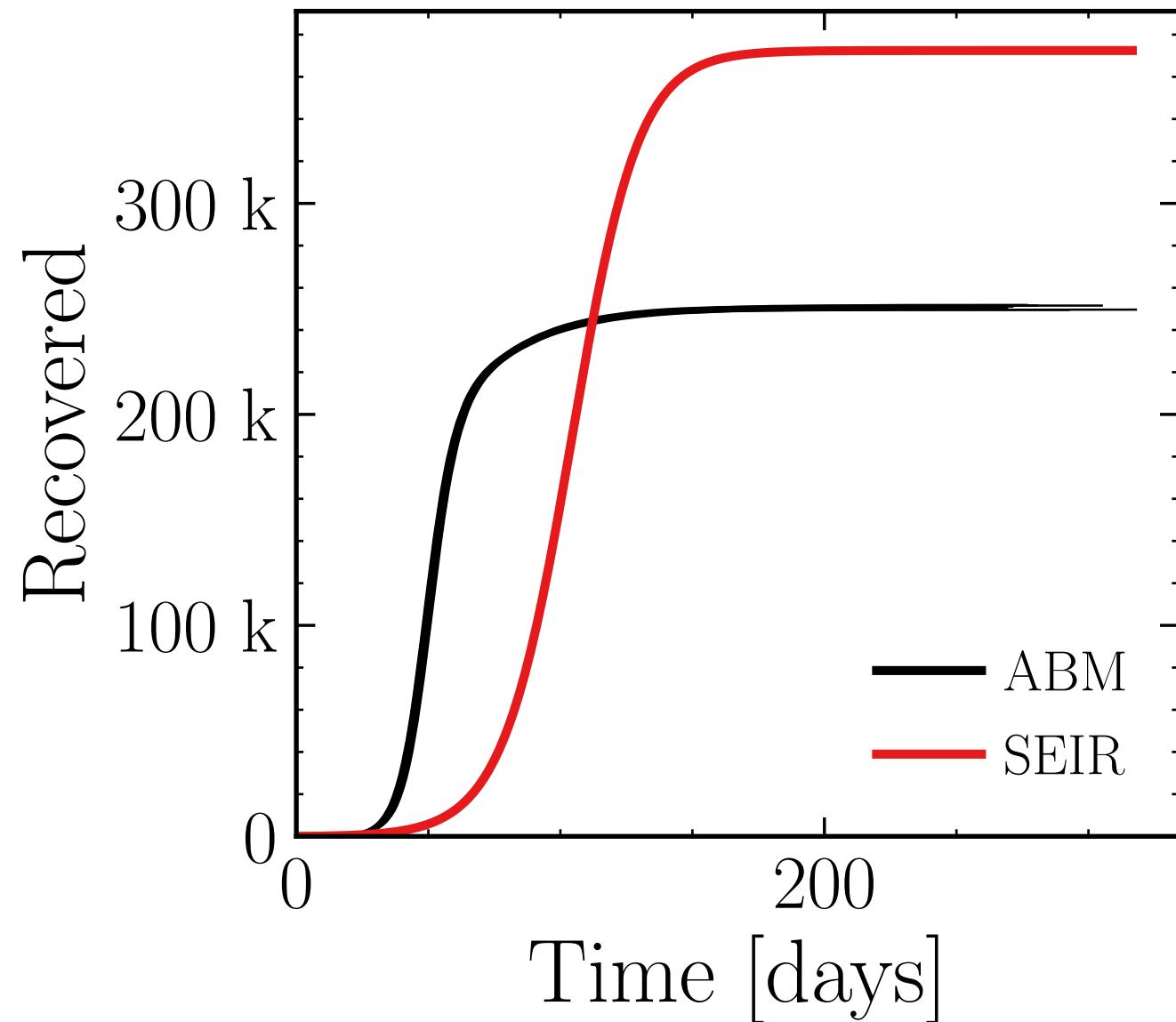
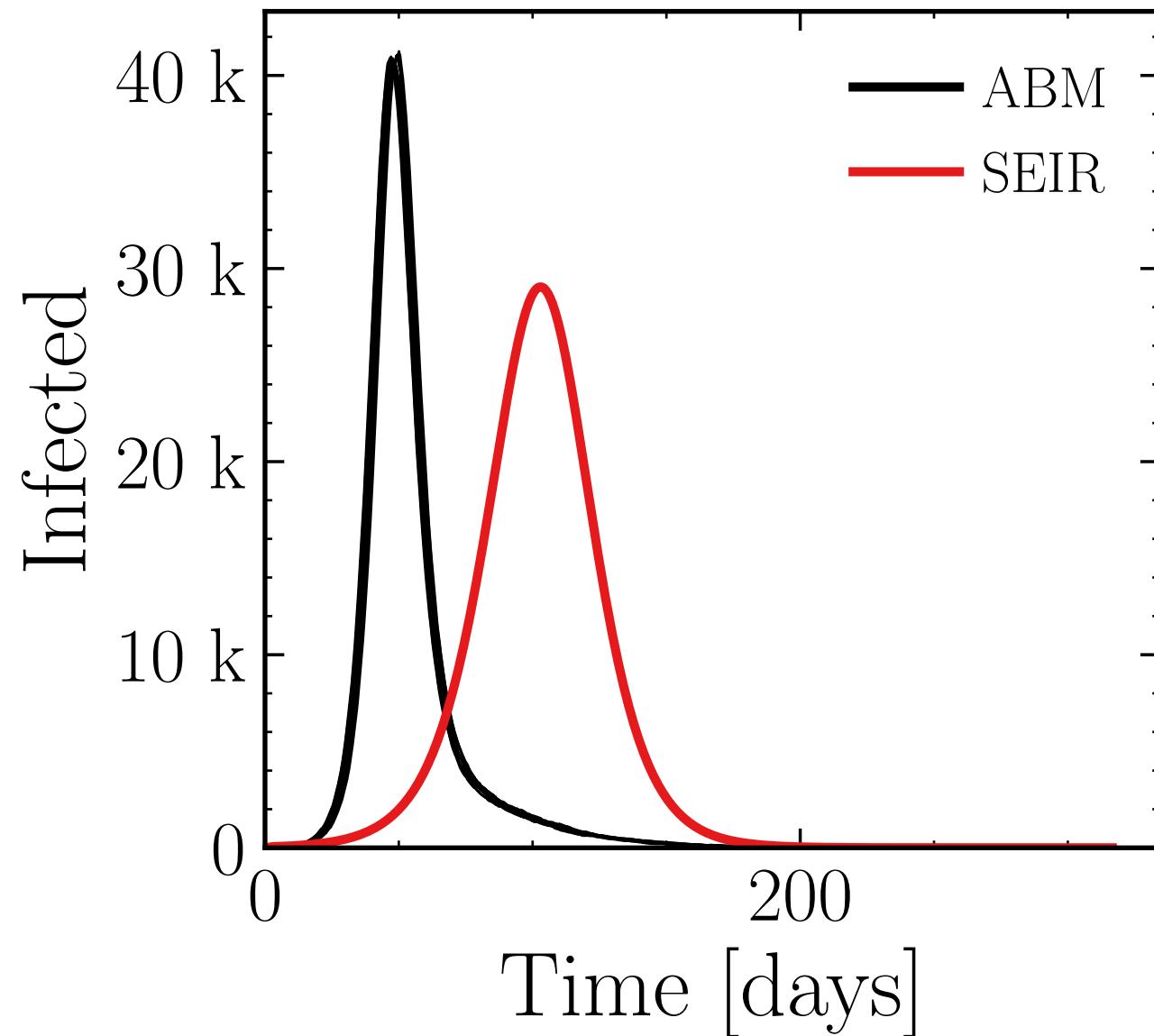
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.88 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 6d0fbcf937, #10

$R_{\infty}^{\text{ABM}} = (250.7 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

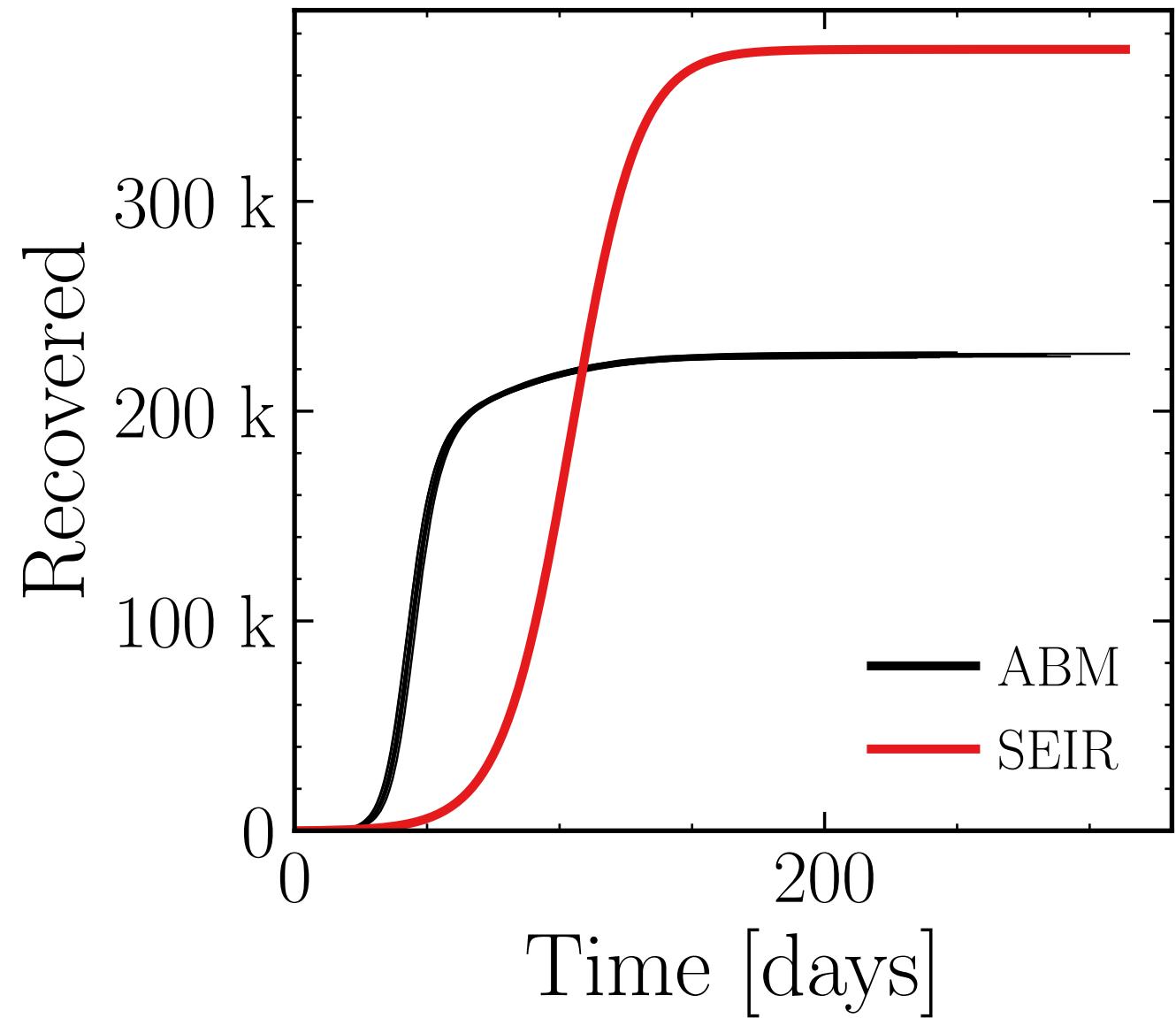
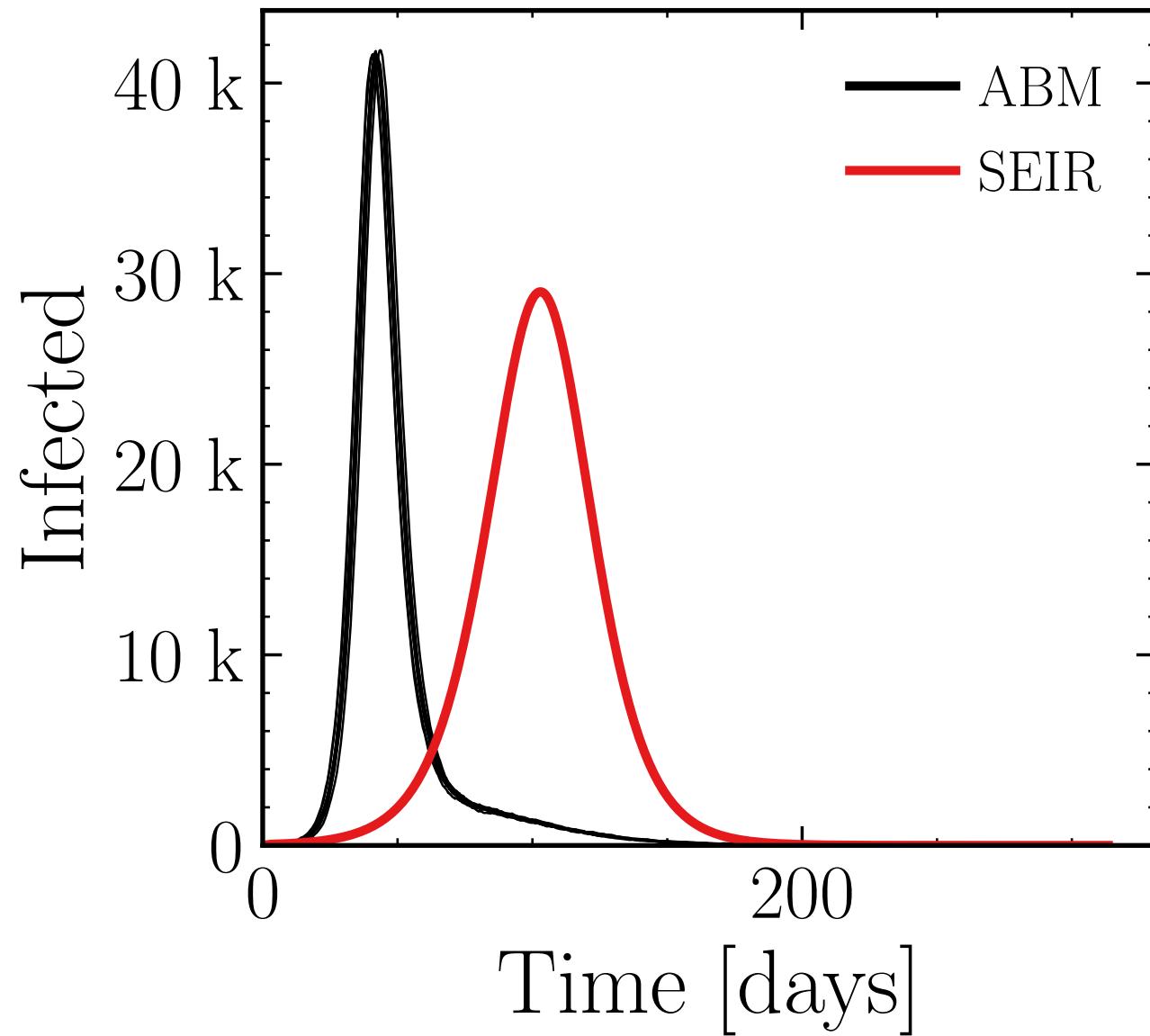
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (41.44 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 11a24e208b, #10

$R_\infty^{\text{ABM}} = (226.7 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

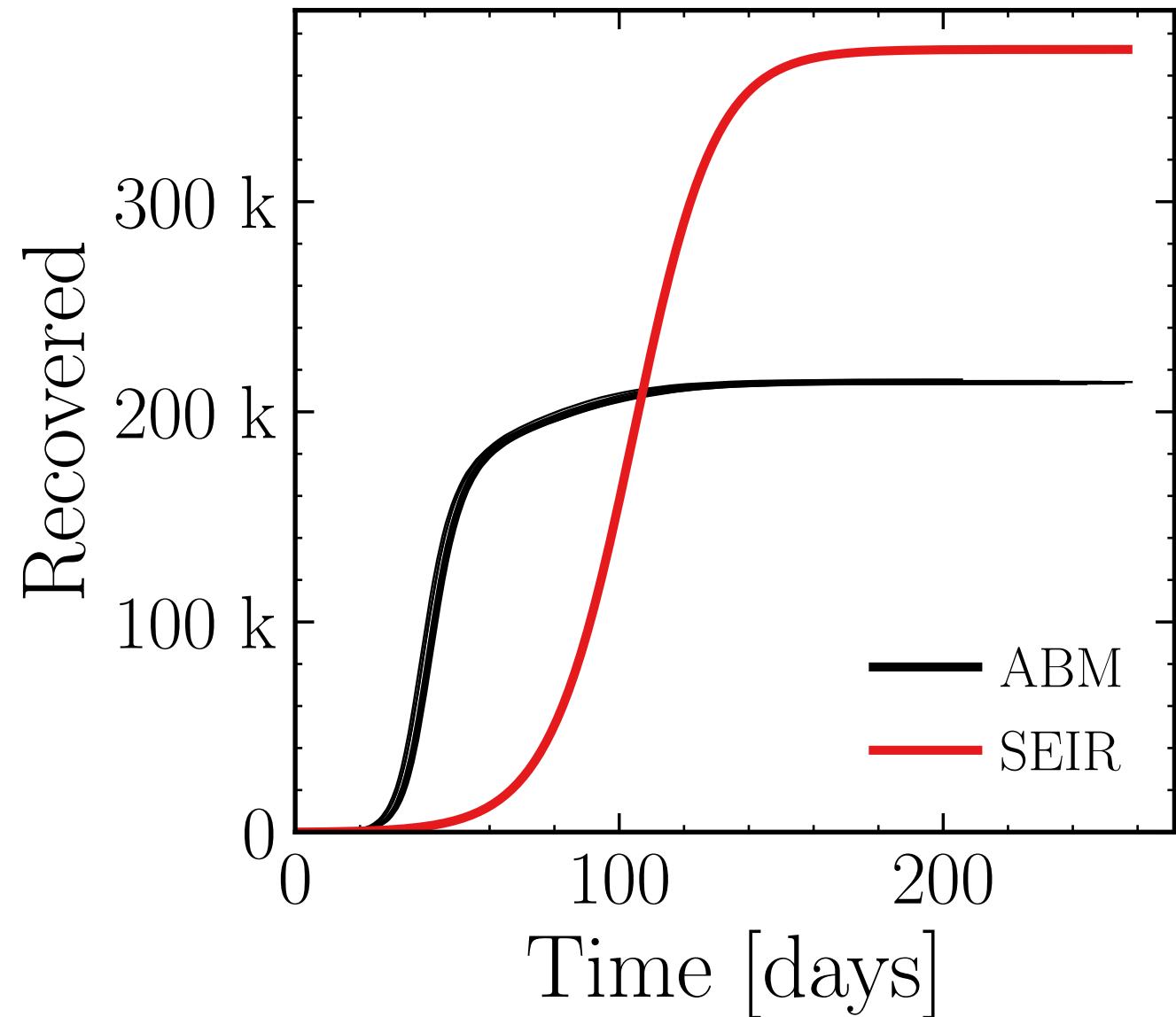
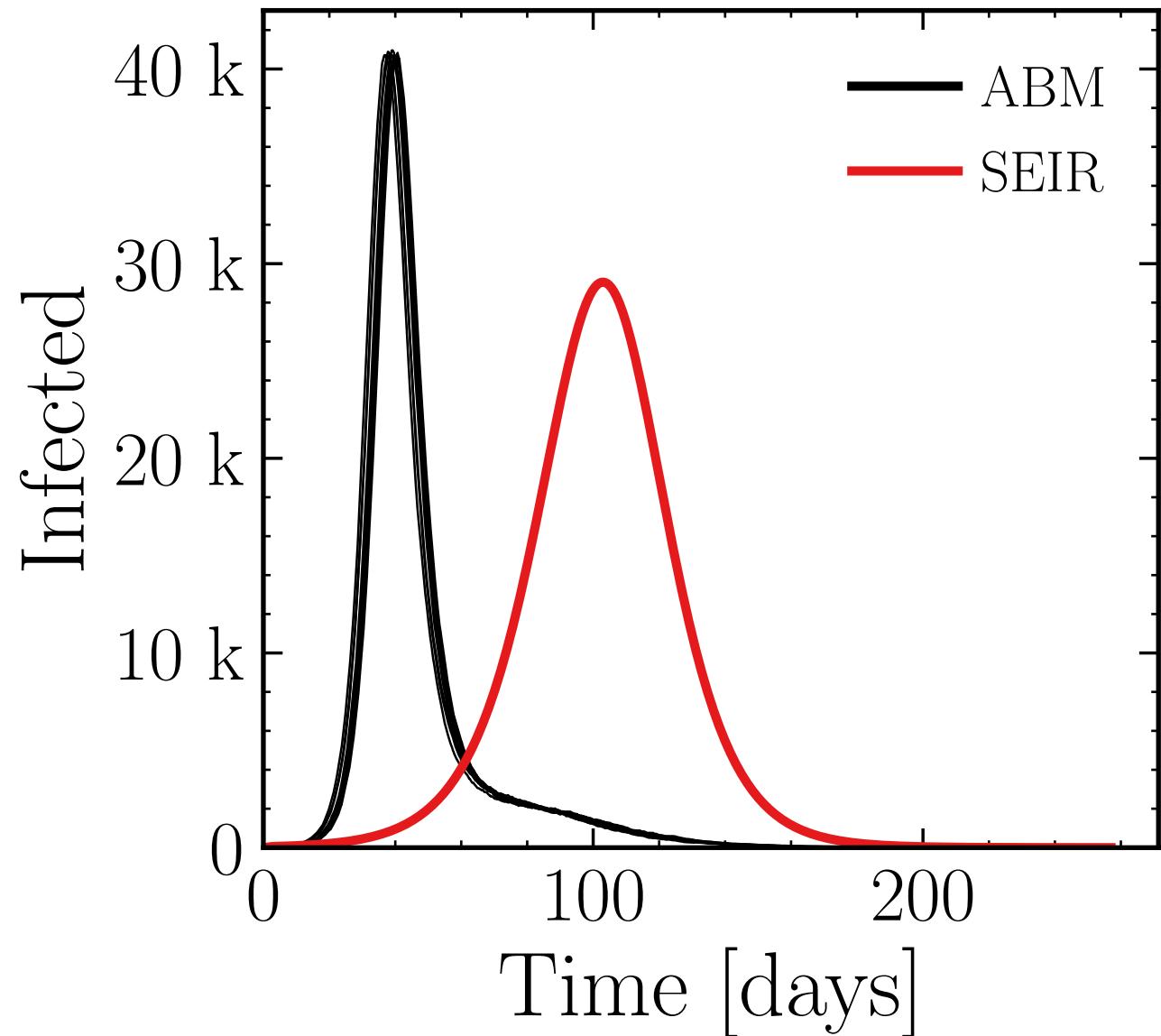
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.69 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 1f2287b828, #10

$R_{\infty}^{\text{ABM}} = (214.2 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

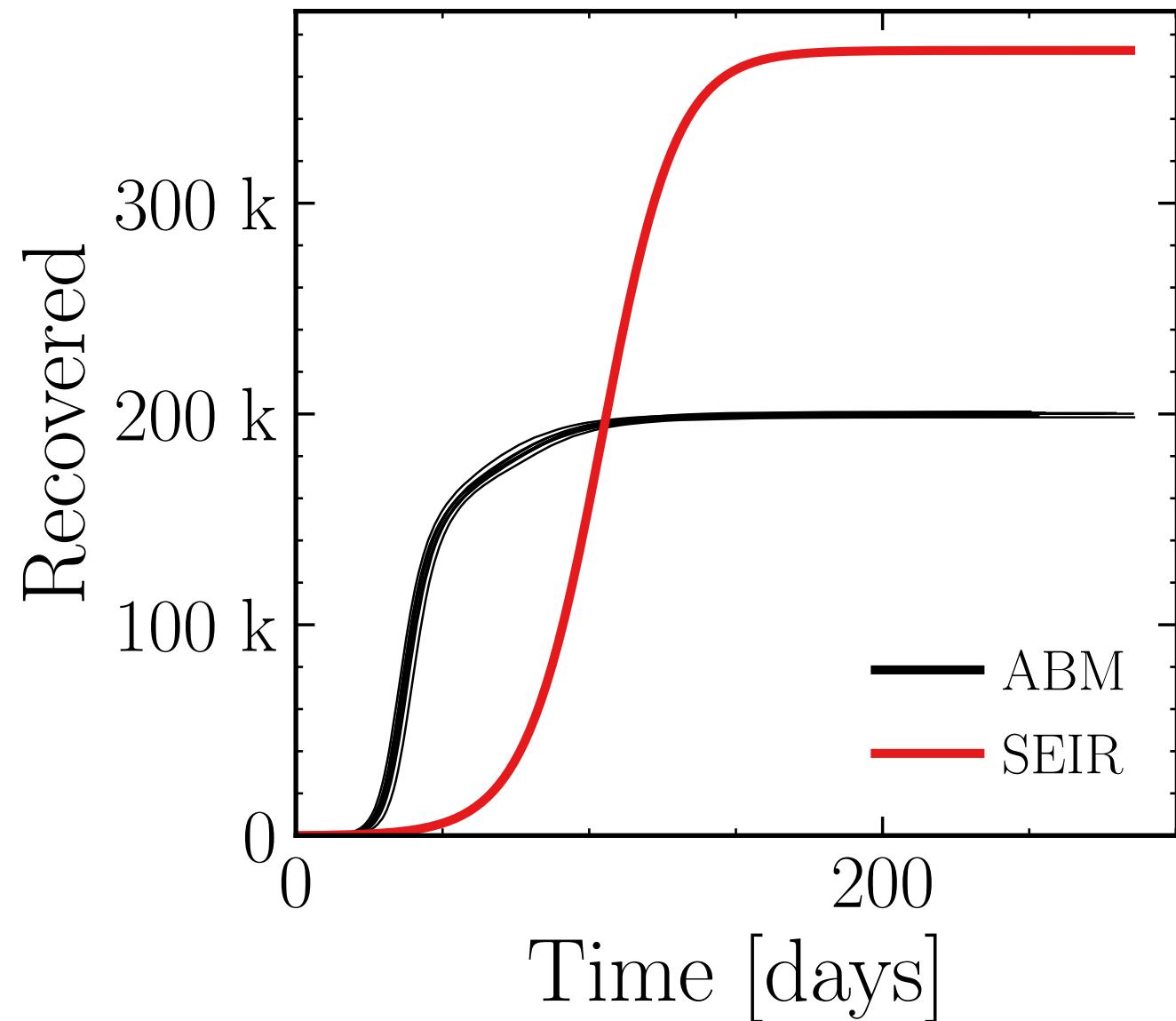
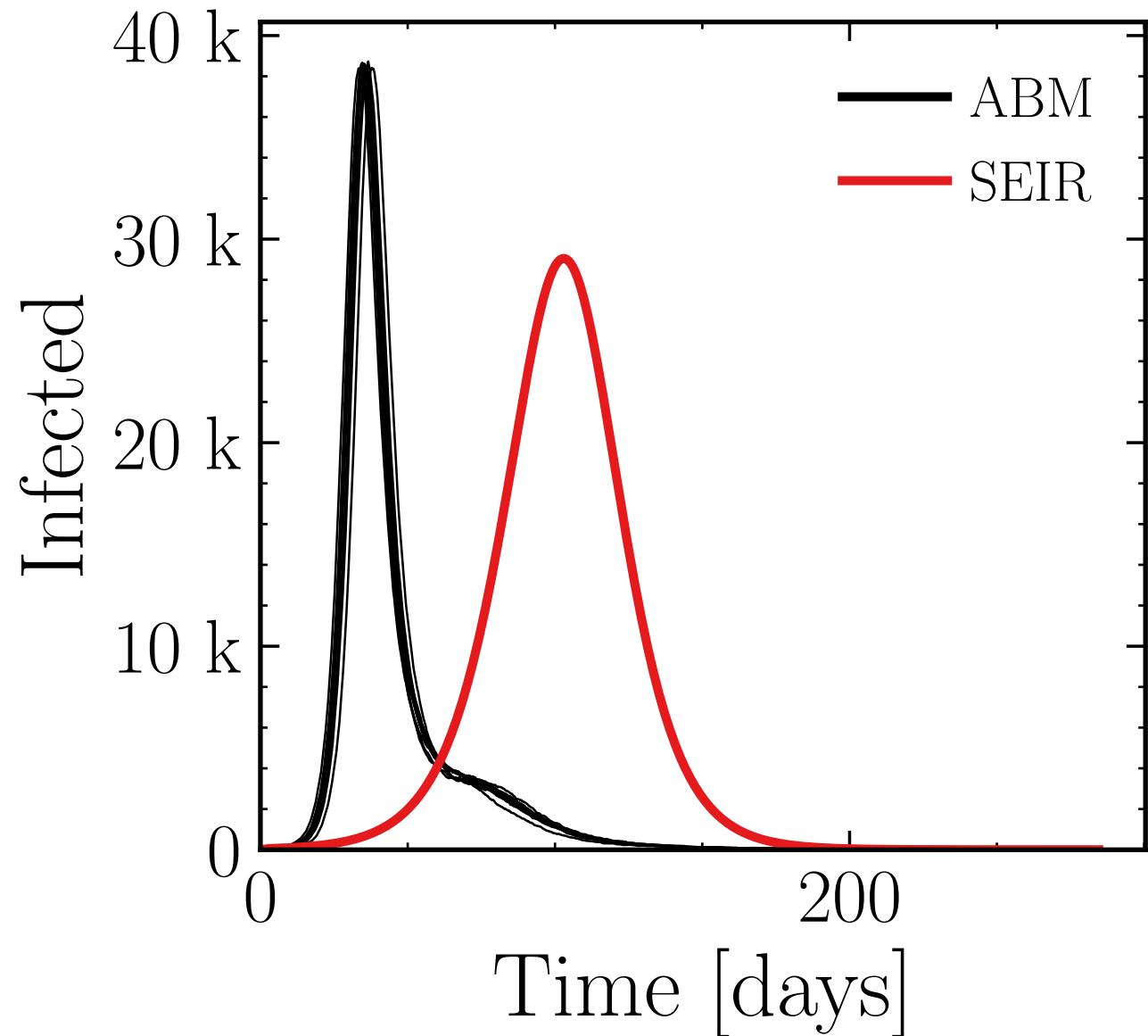
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (38.5 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = cf8f6b38f6, #10

$R_\infty^{\text{ABM}} = (200.1 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

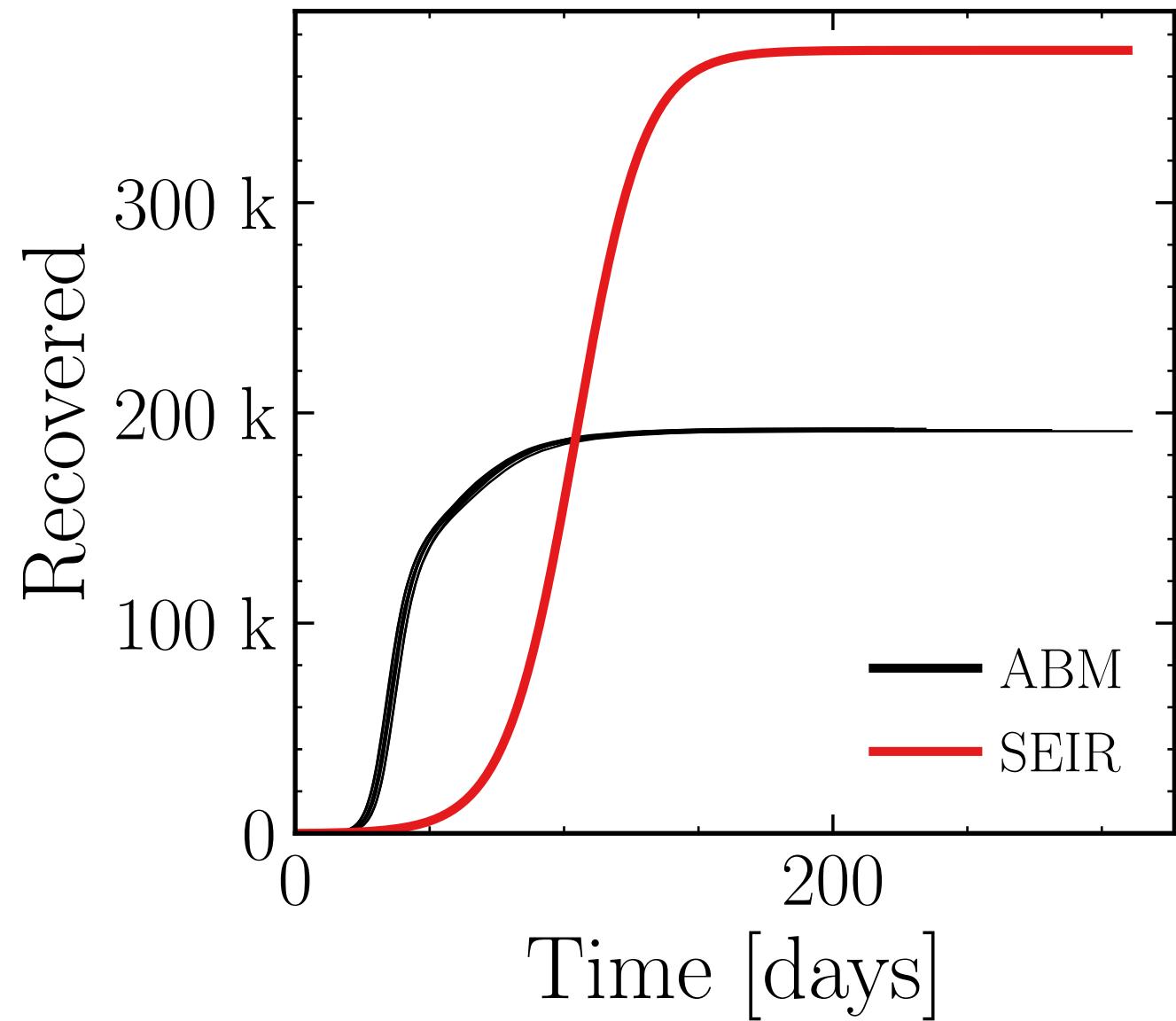
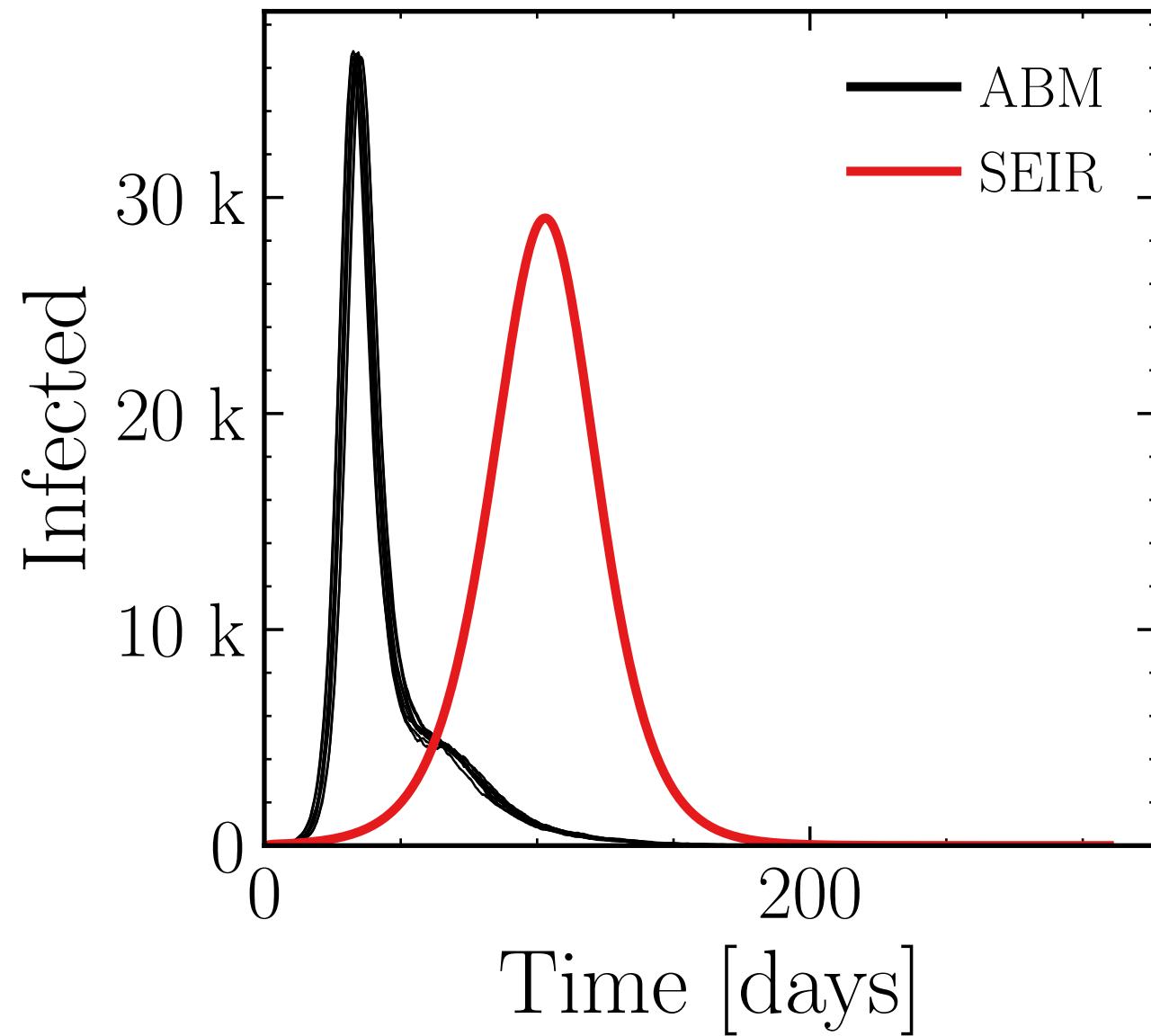
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (36.58 \pm 0.097\%) \cdot 10^3$

v. = 1.0, hash = c0f7d75d66, #10

$R_{\infty}^{\text{ABM}} = (192 \pm 0.067\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

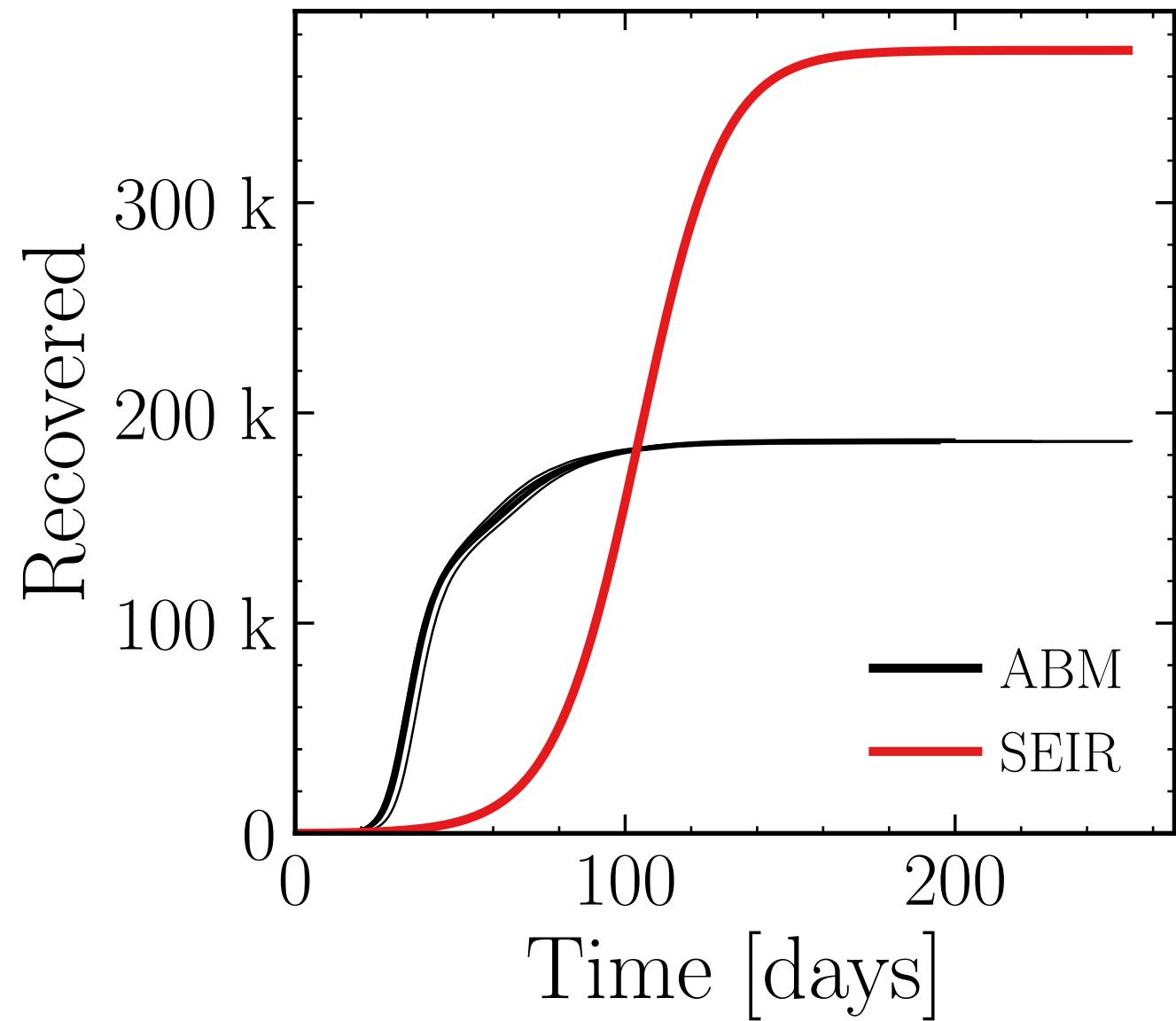
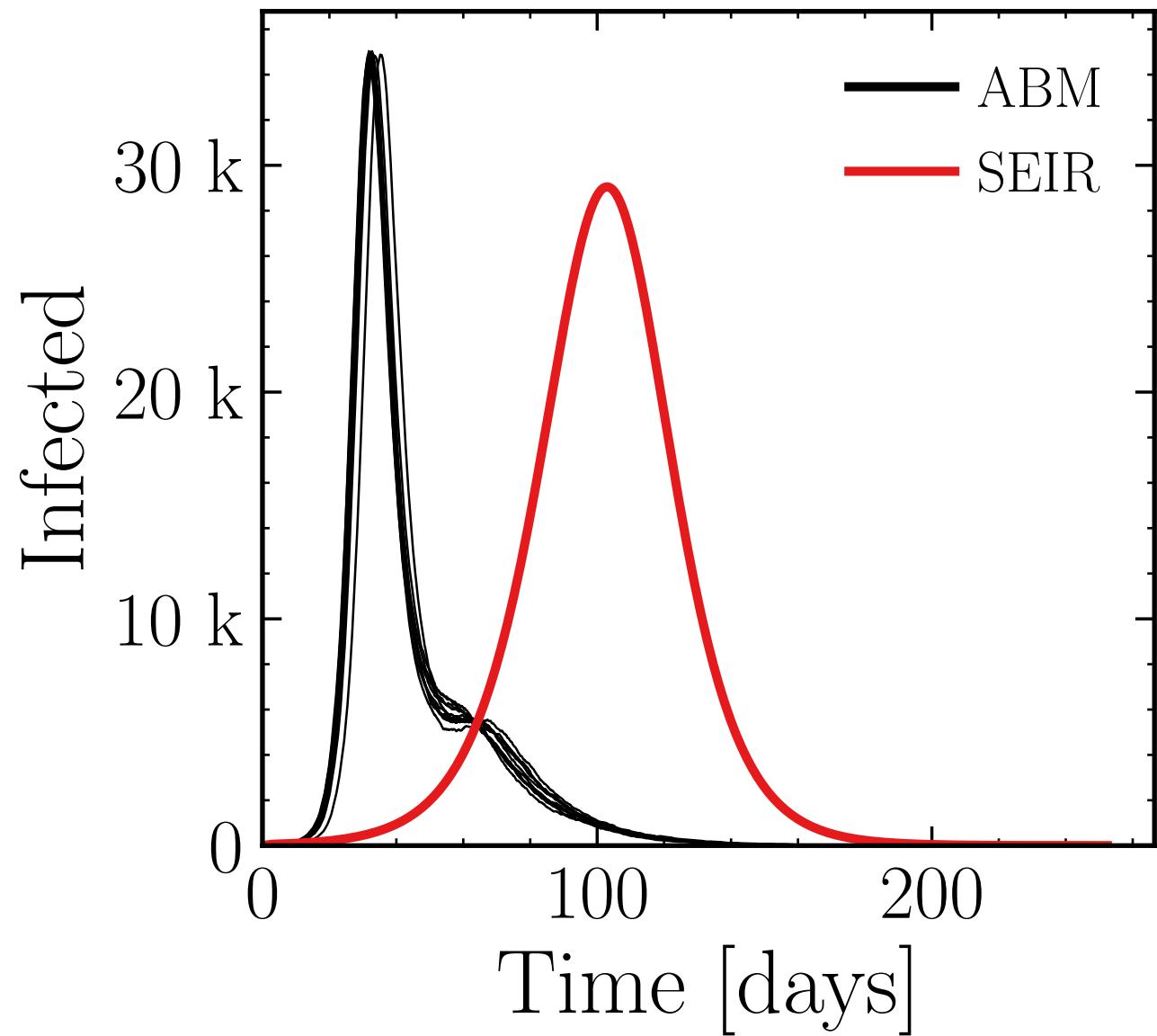
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (34.87 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = b89c8873bc, #10

$R_{\infty}^{\text{ABM}} = (186.5 \pm 0.079\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

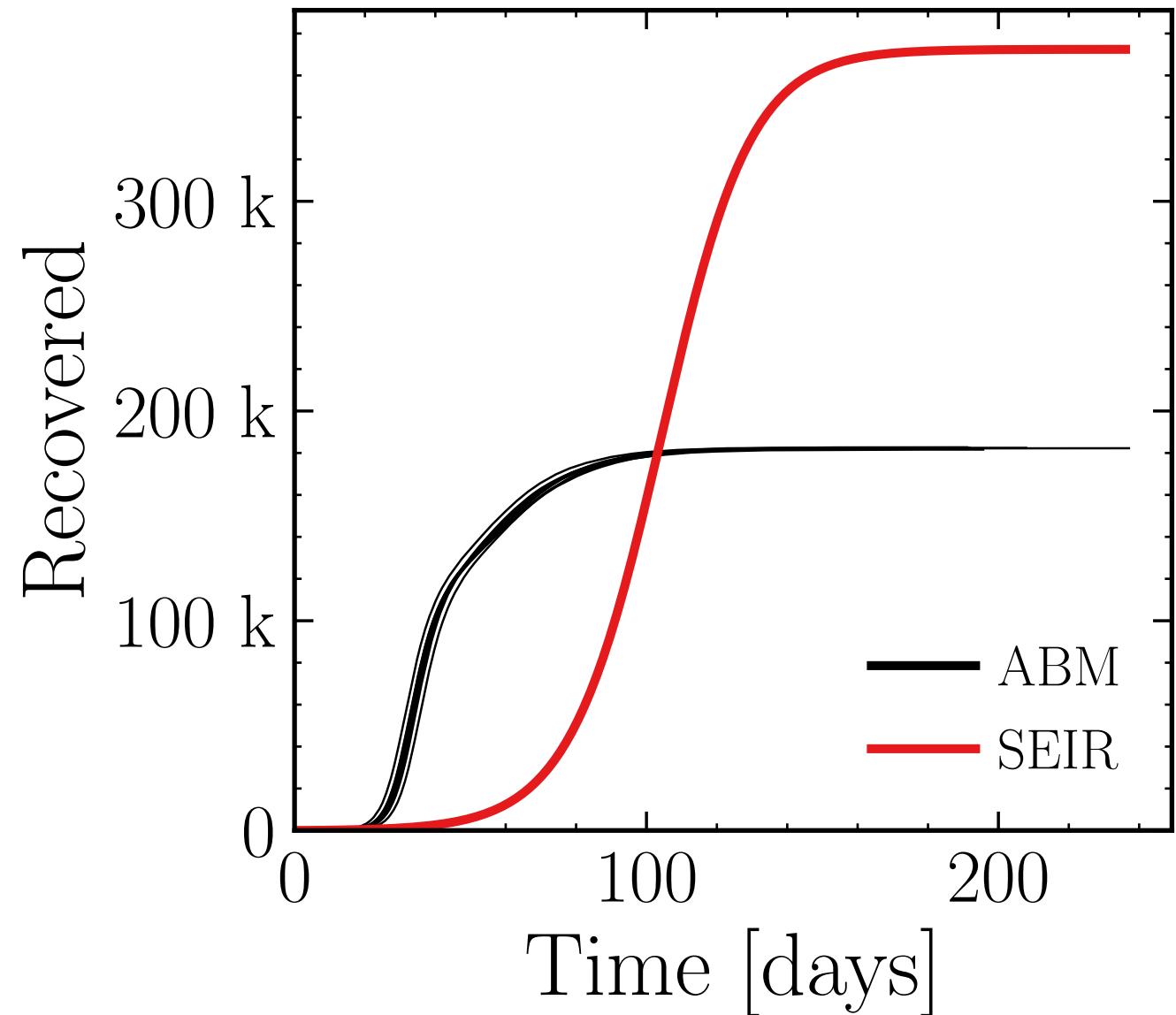
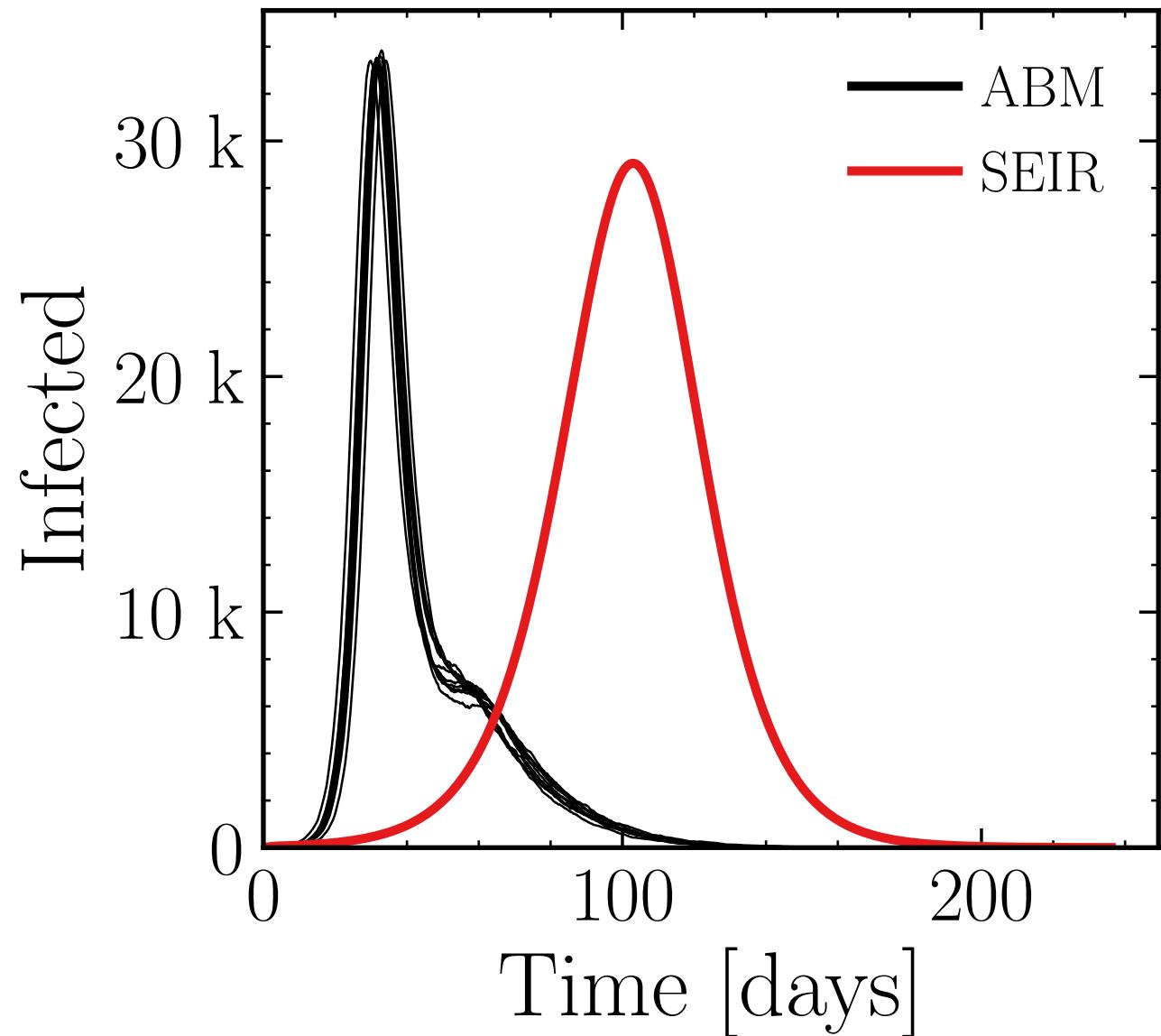
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33.45 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = f110866891, #10

$R_{\infty}^{\text{ABM}} = (182.2 \pm 0.053\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

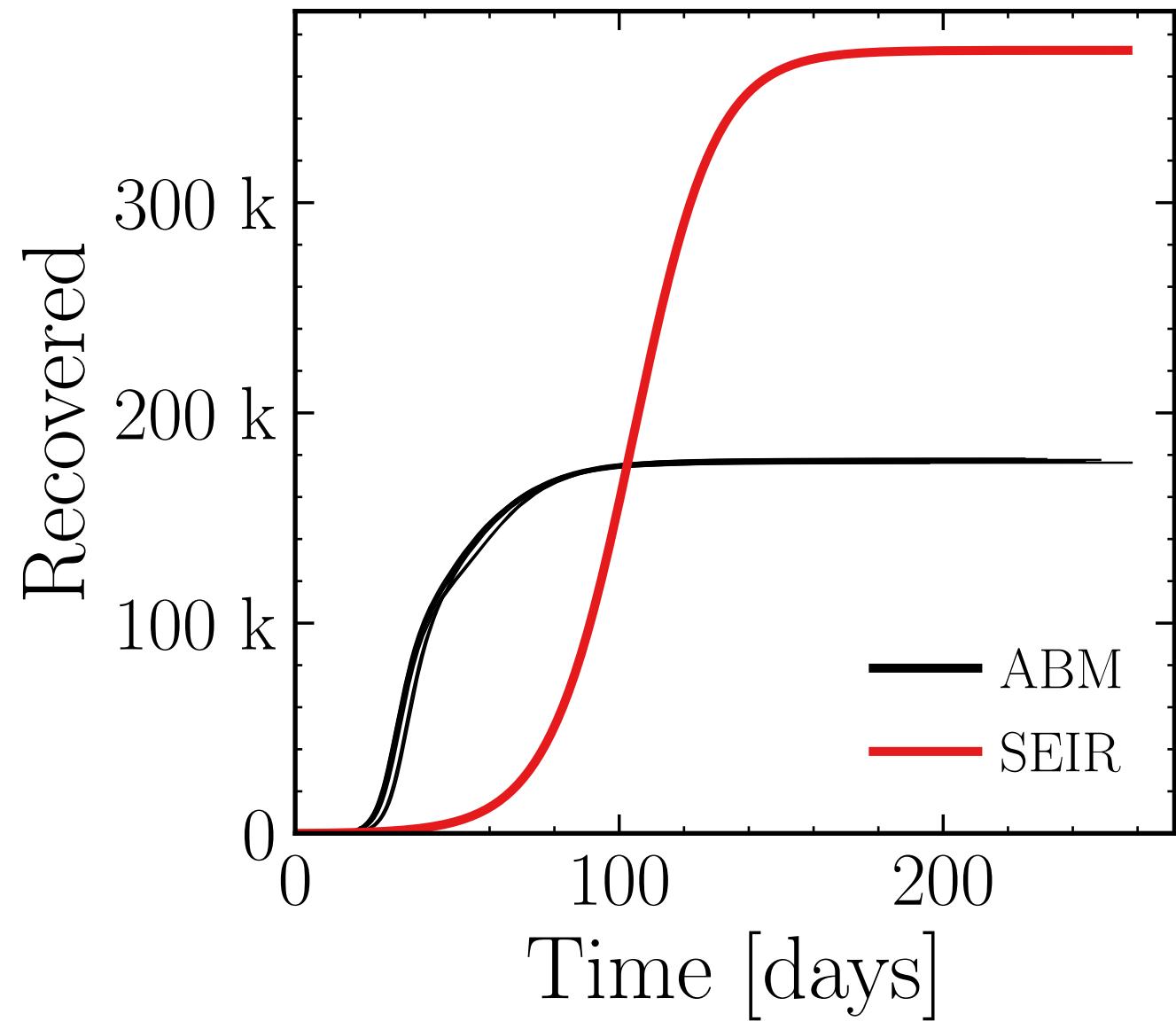
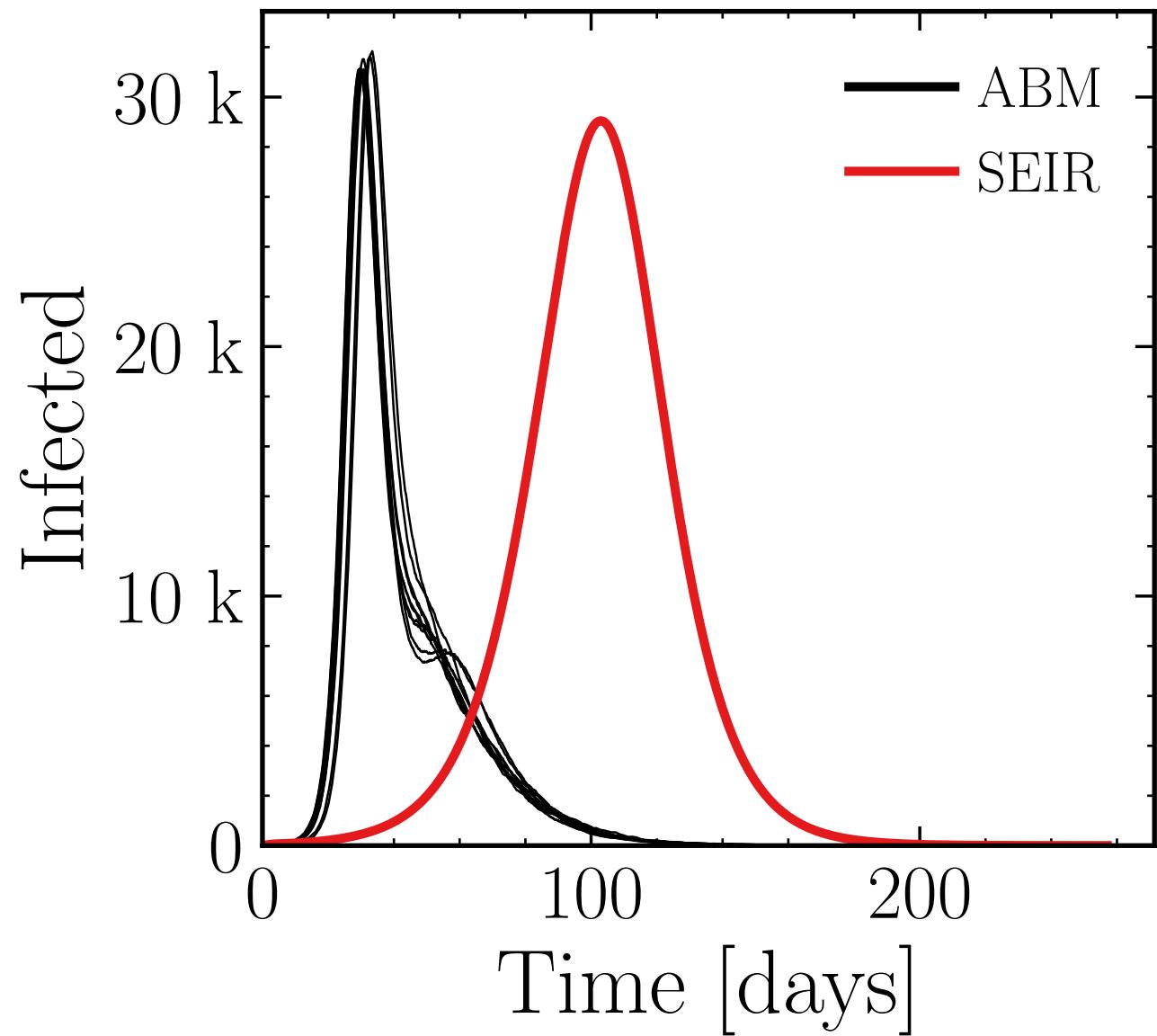
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (31.2 \pm 0.33\%) \cdot 10^3$

v. = 1.0, hash = 54397bc958, #10

$R_\infty^{\text{ABM}} = (177.2 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

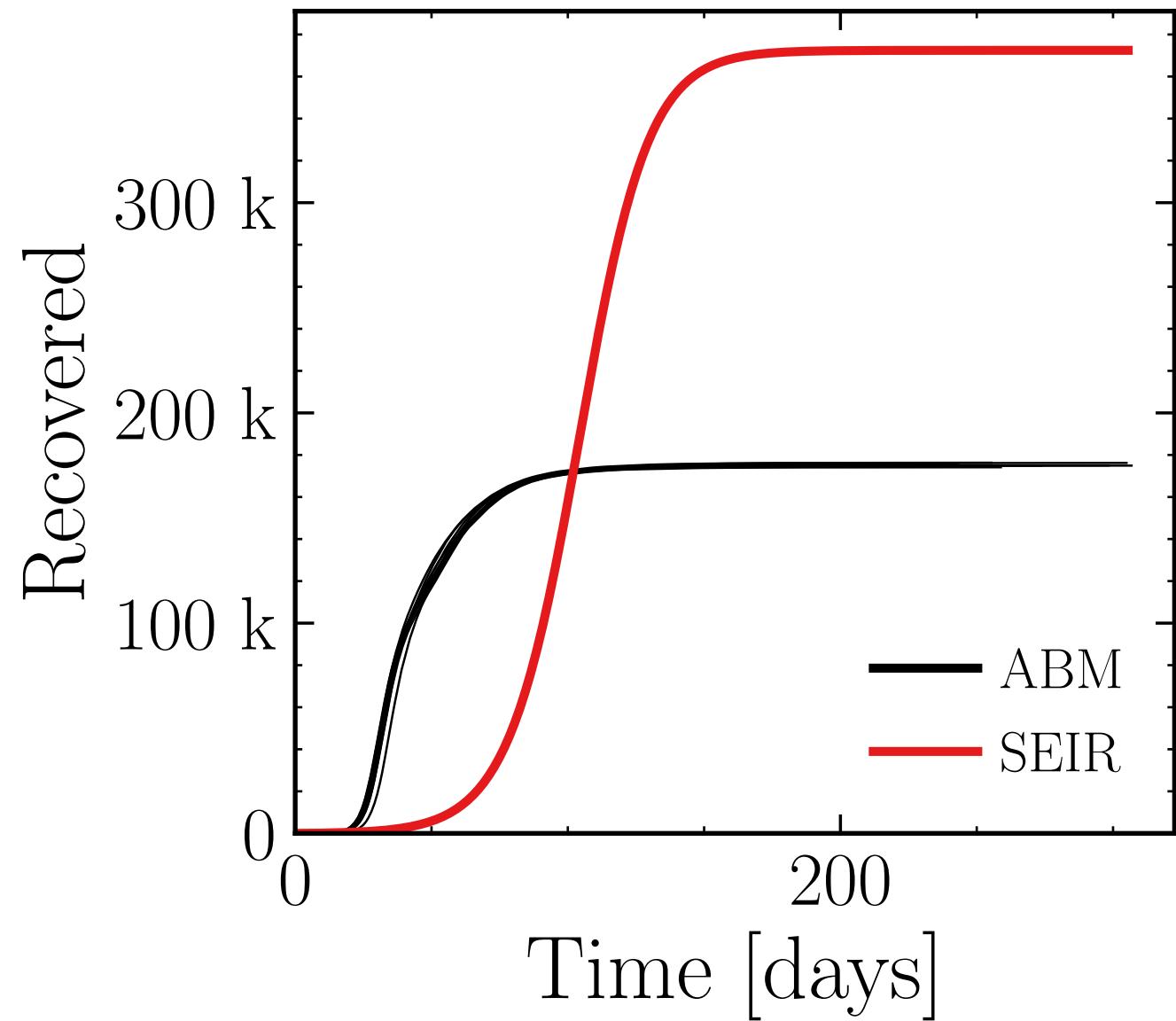
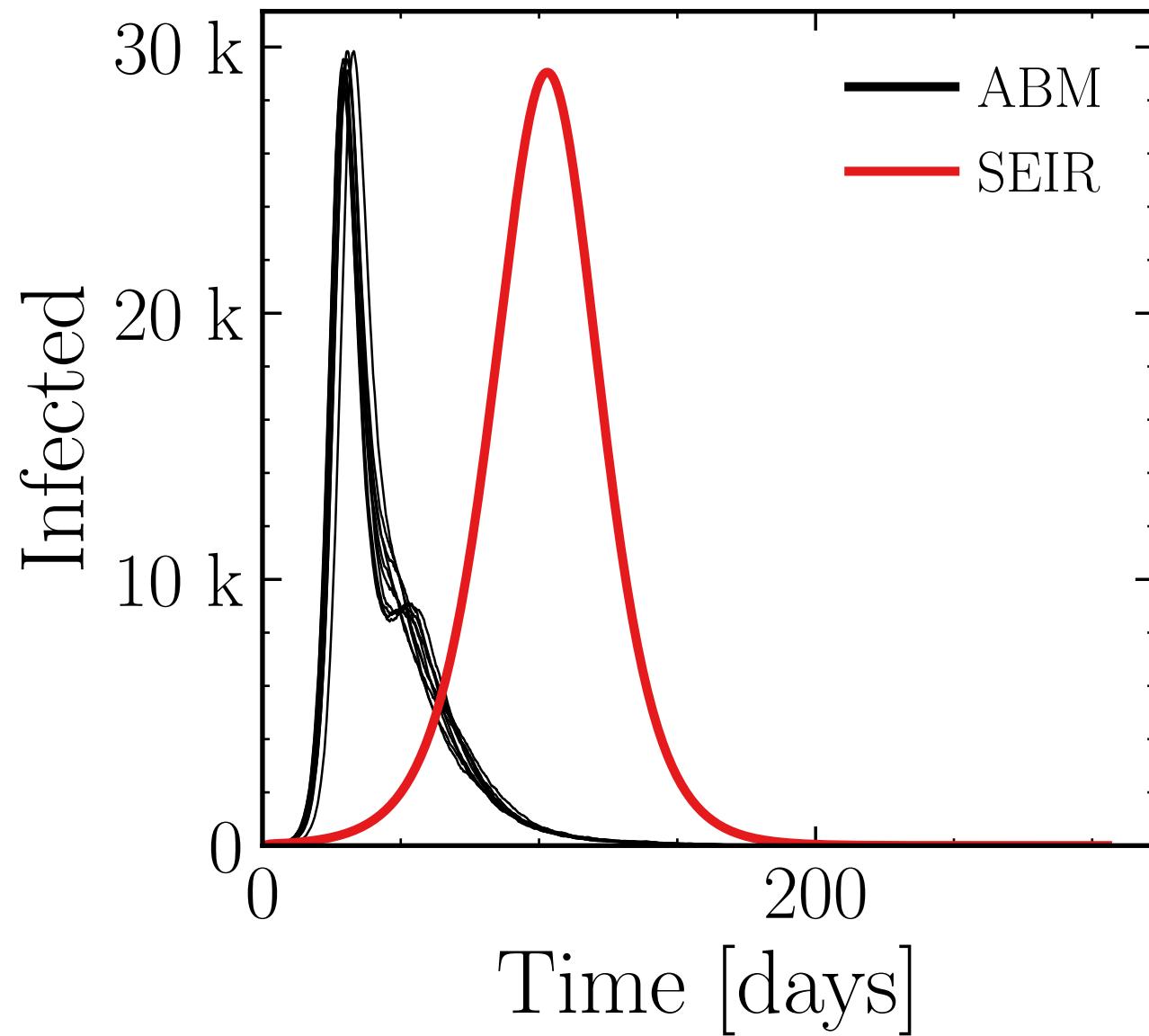
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (29.3 \pm 0.38\%) \cdot 10^3$

v. = 1.0, hash = 494f64f7ee, #10

$R_\infty^{\text{ABM}} = (175.4 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.01$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

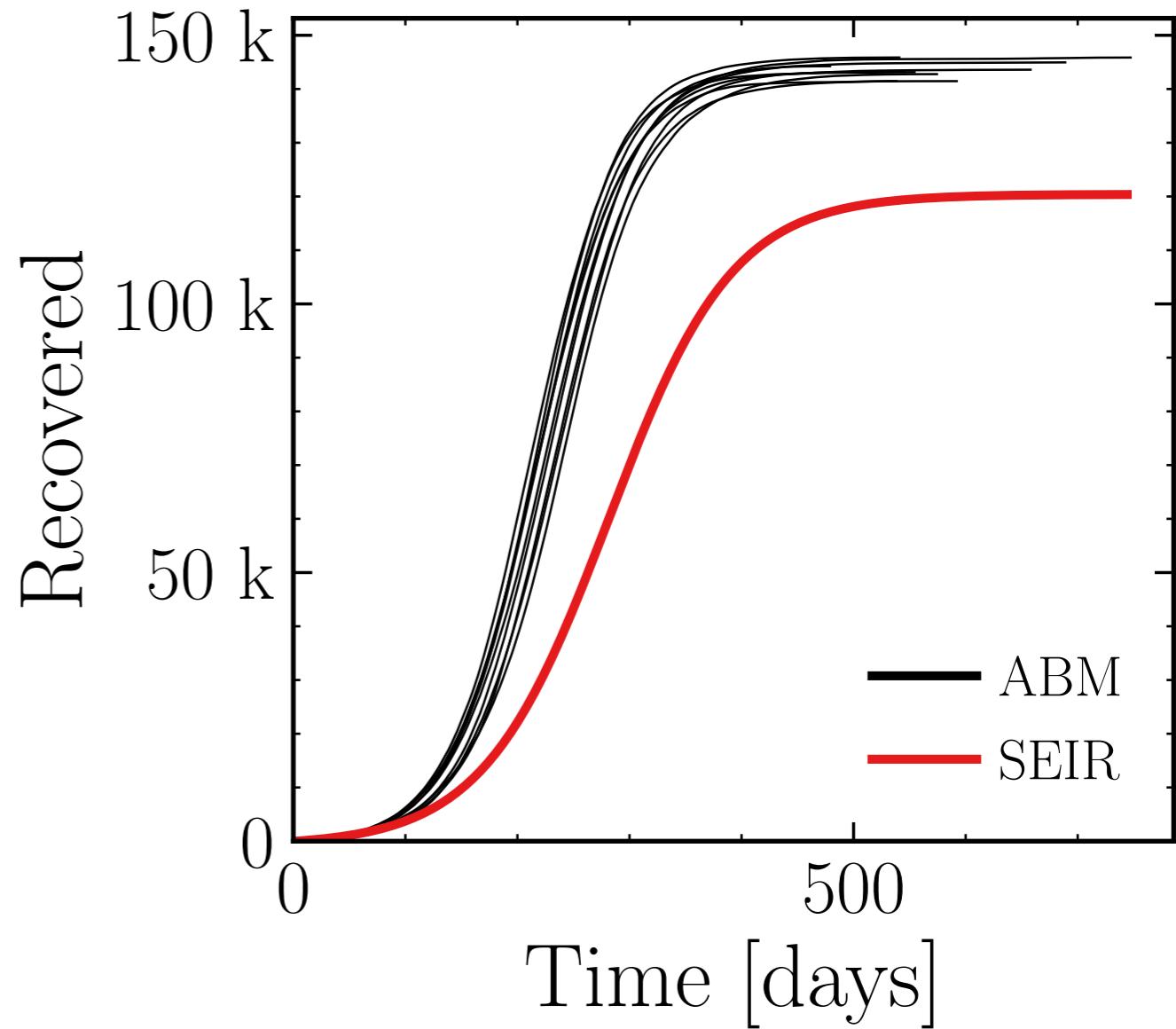
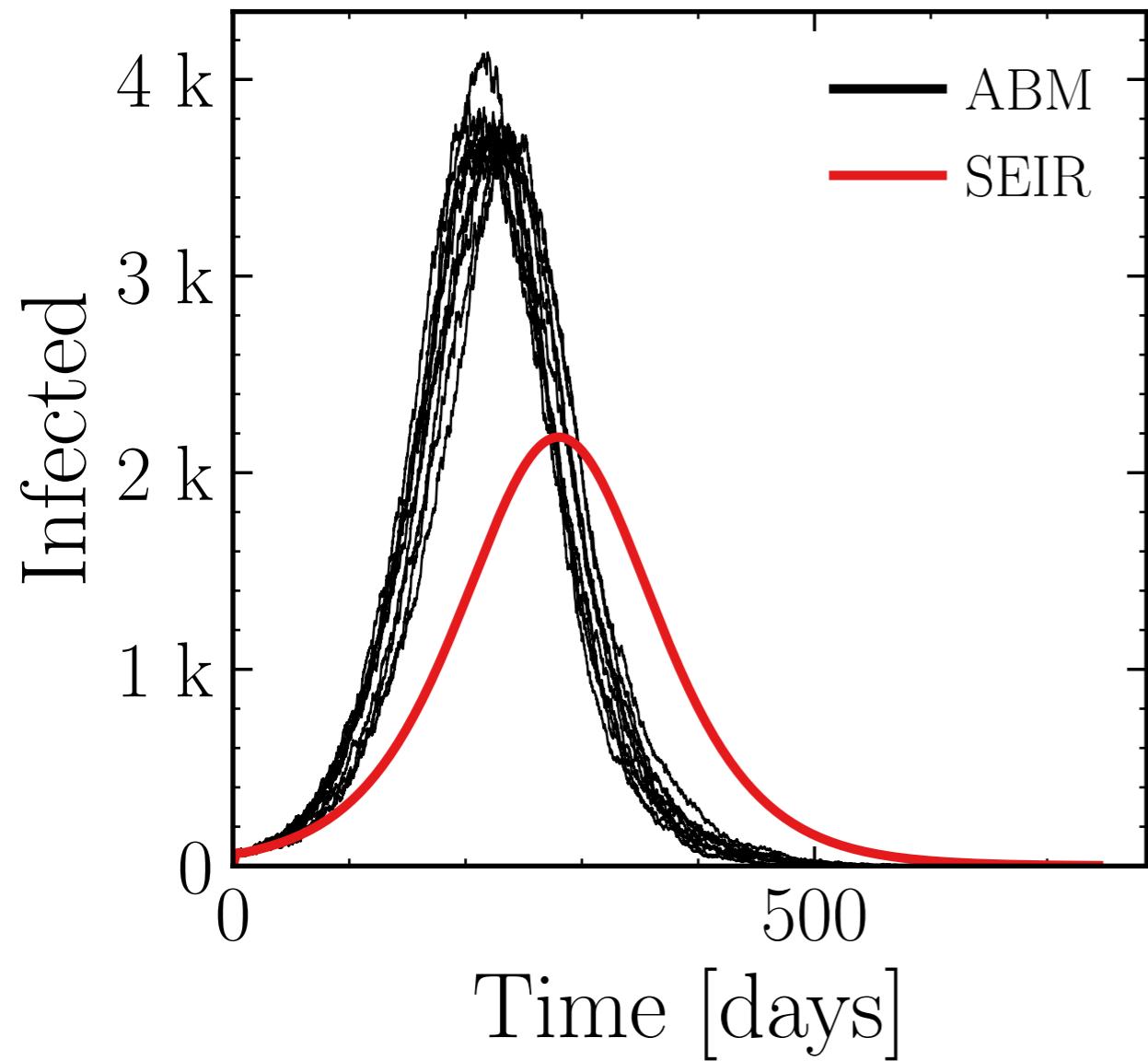
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (3.81 \pm 1.0\%) \cdot 10^3$

v. = 1.0, hash = 562e047d8b, #10

$R_{\infty}^{\text{ABM}} = (143.7 \pm 0.33\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

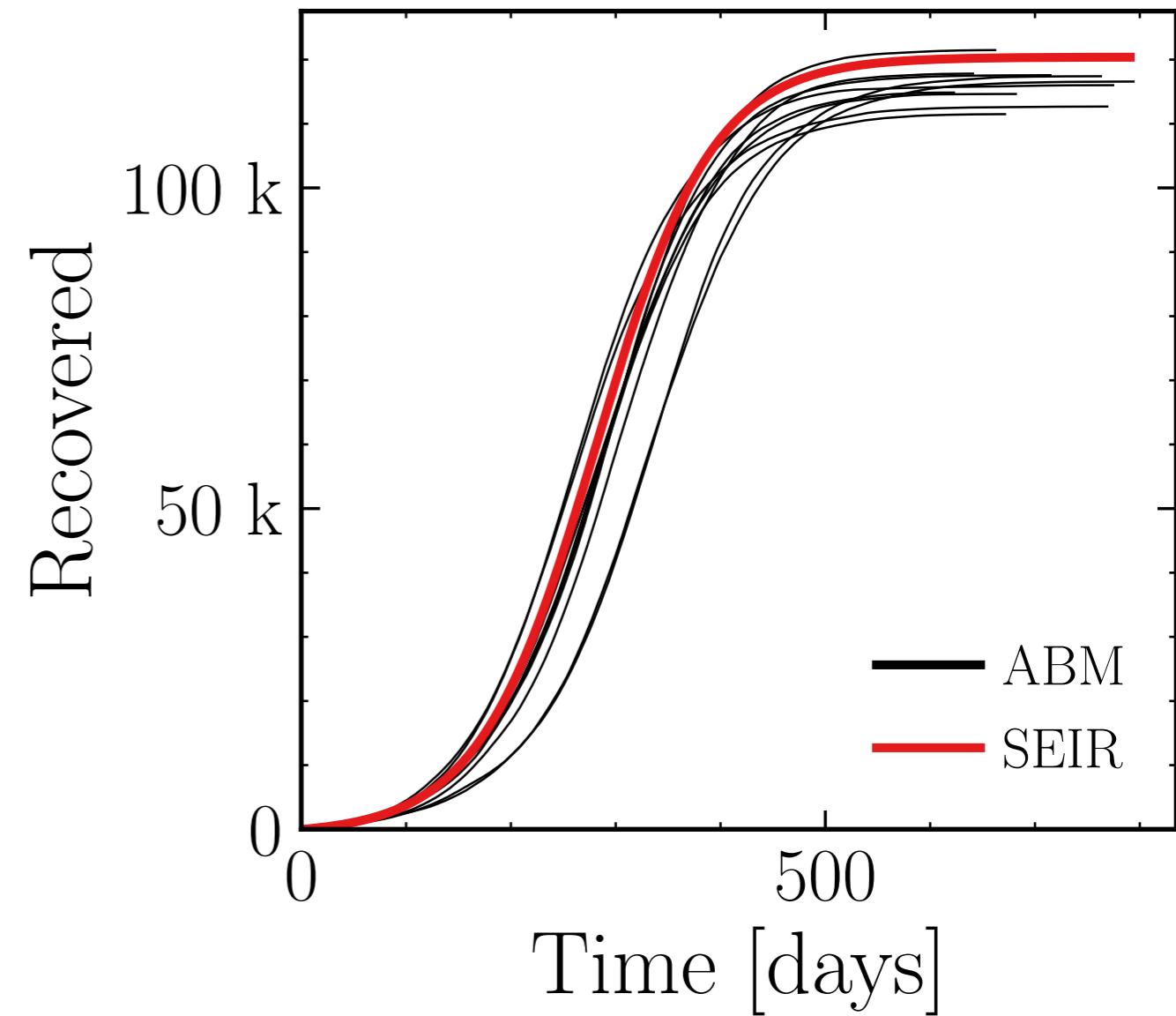
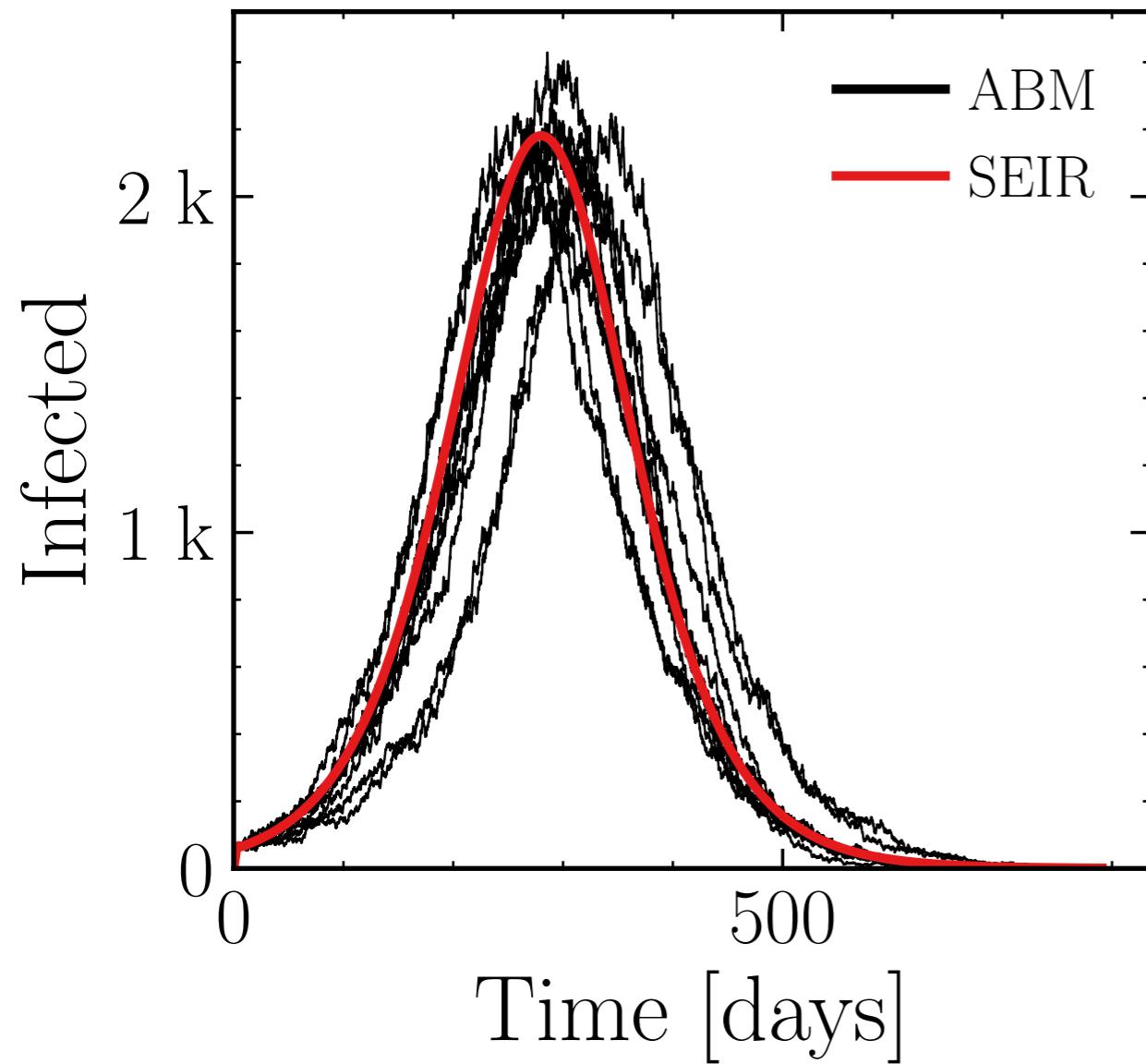
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (2.21 \pm 1.4\%) \cdot 10^3$

v. = 1.0, hash = 663807e25c, #10

$R_{\infty}^{\text{ABM}} = (116.1 \pm 0.73\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

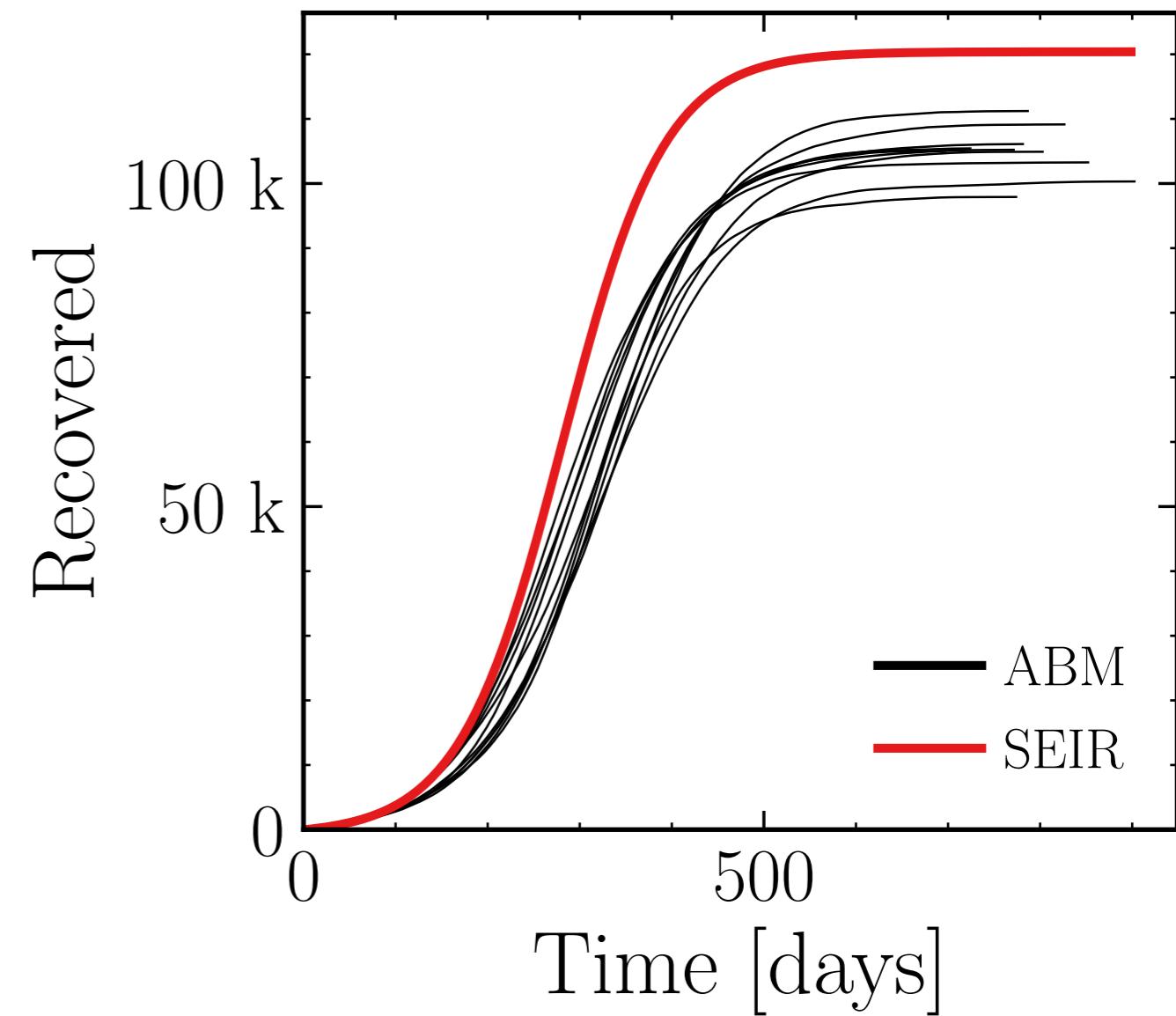
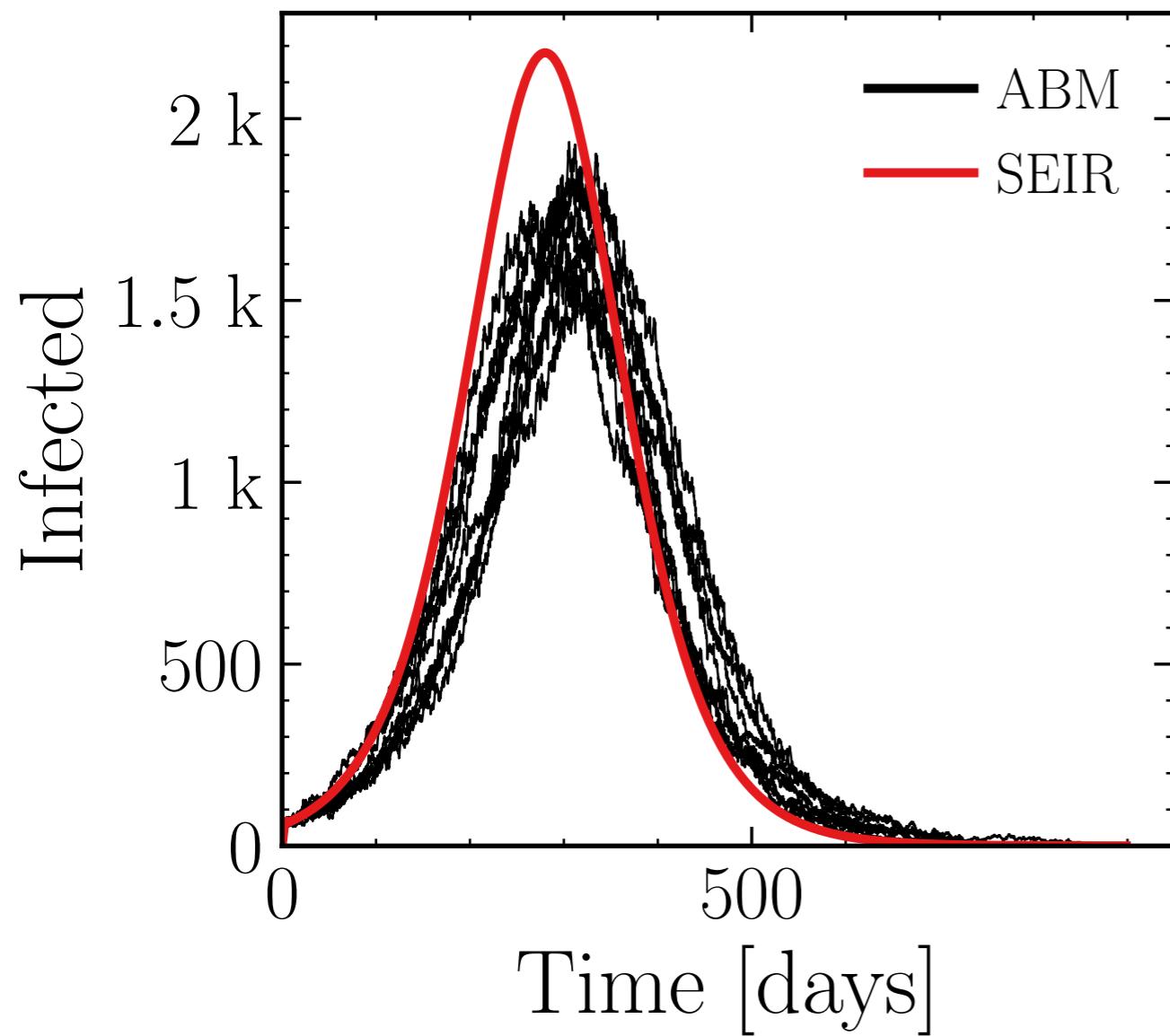
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (1.75 \pm 2.1\%) \cdot 10^3$

v. = 1.0, hash = 211b953ae1, #10

$R_{\infty}^{\text{ABM}} = (105 \pm 1.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

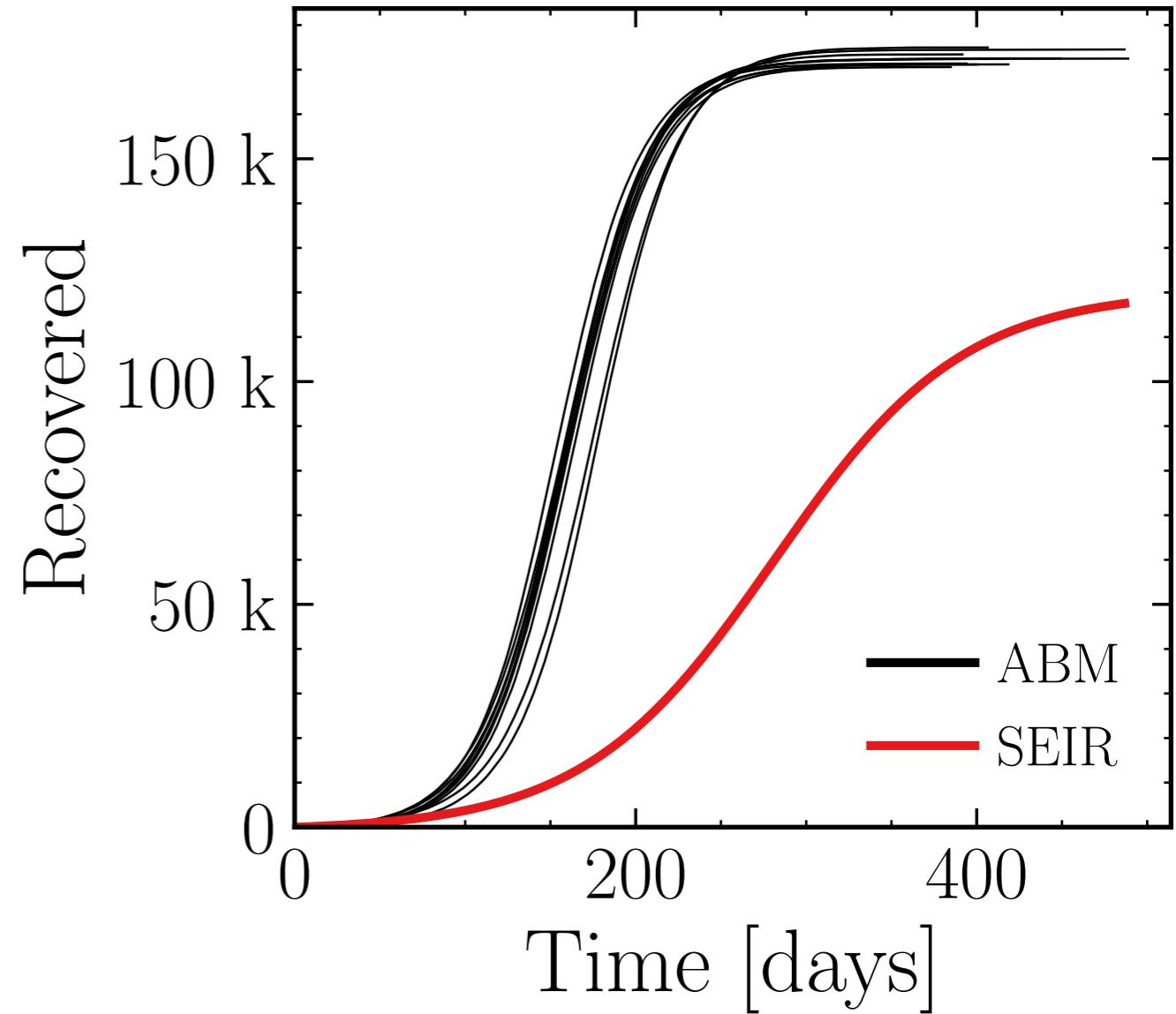
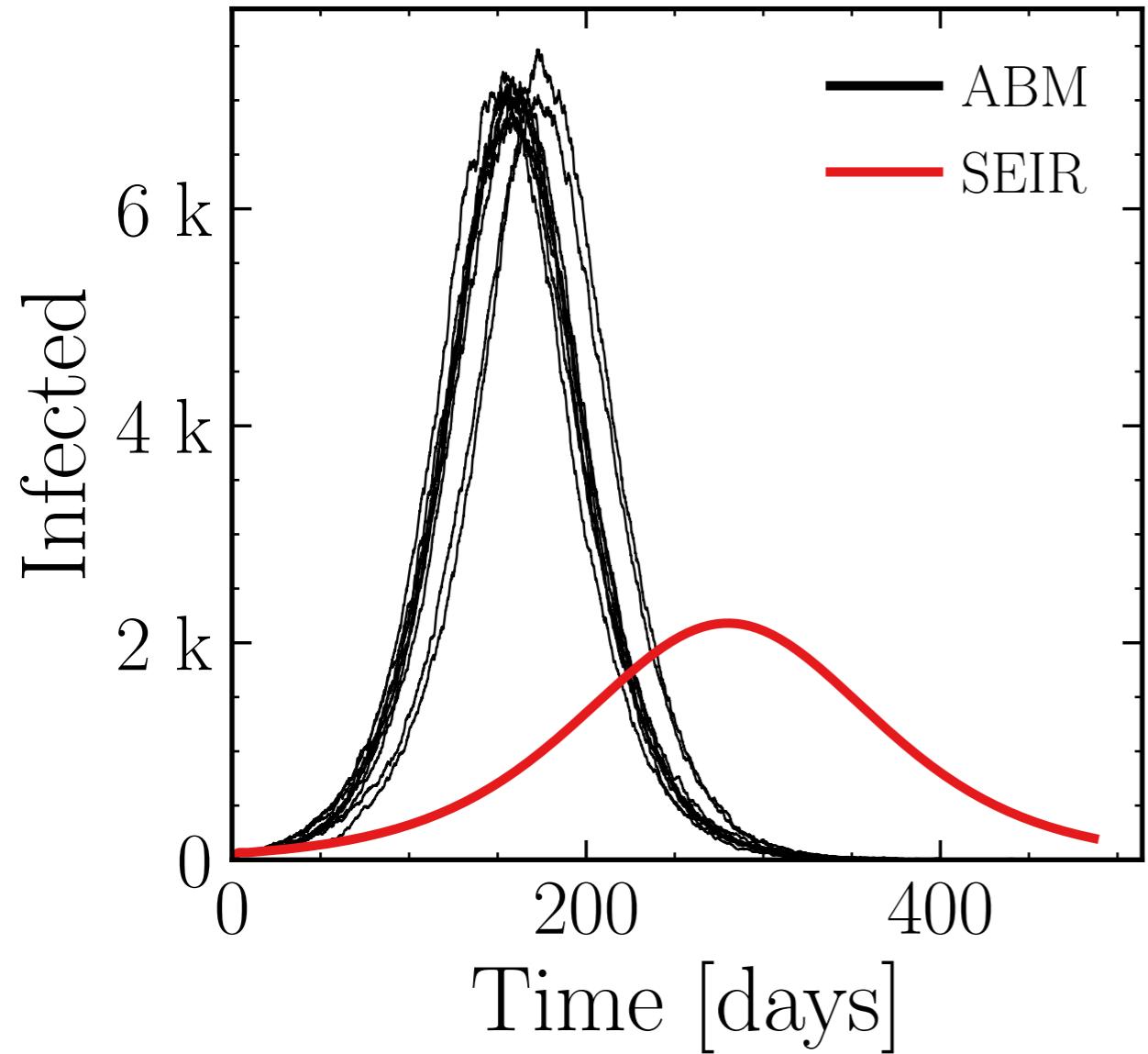
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (7.13 \pm 0.78\%) \cdot 10^3$

v. = 1.0, hash = 544131a886, #10

$R_{\infty}^{\text{ABM}} = (172.5 \pm 0.26\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

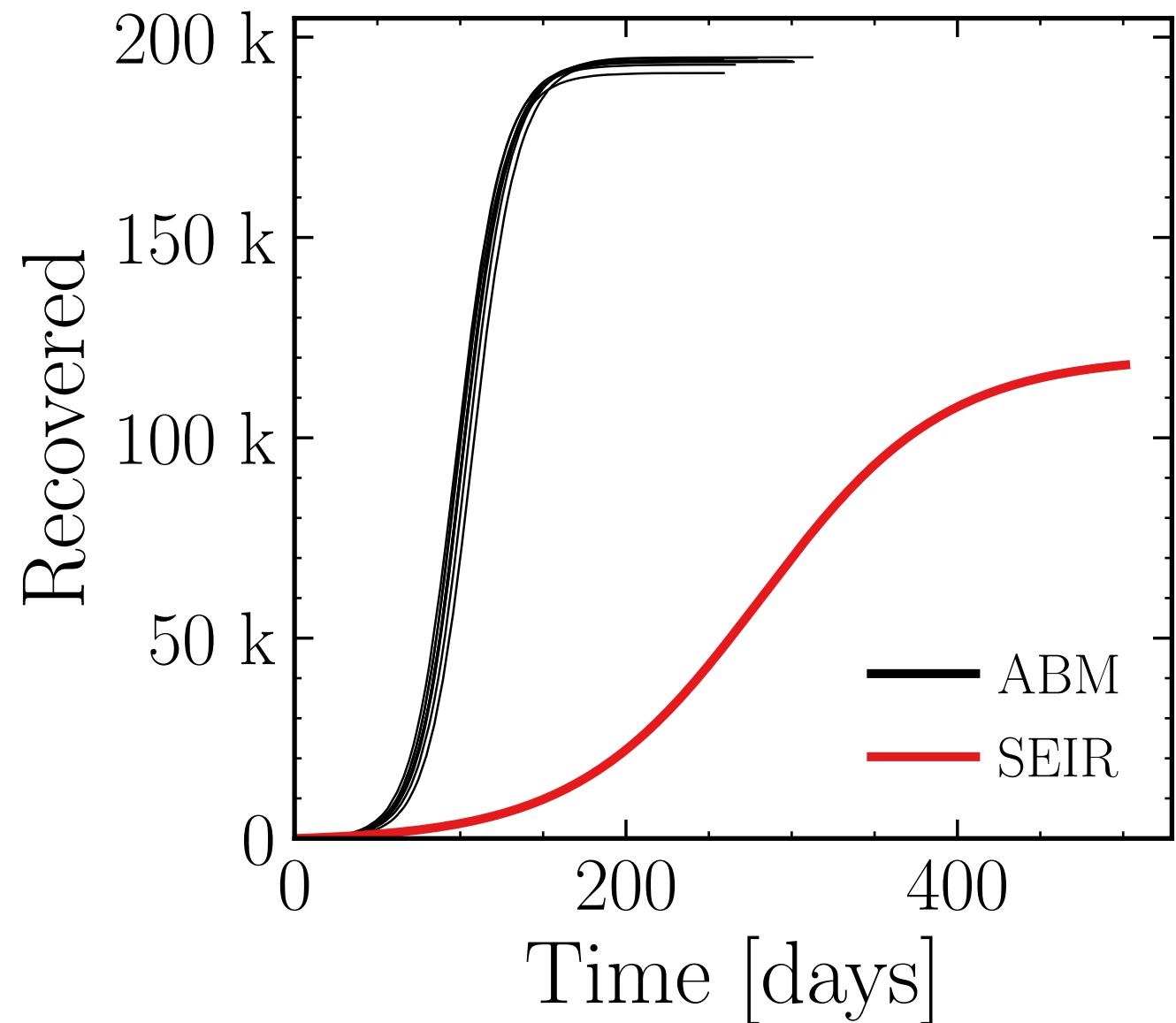
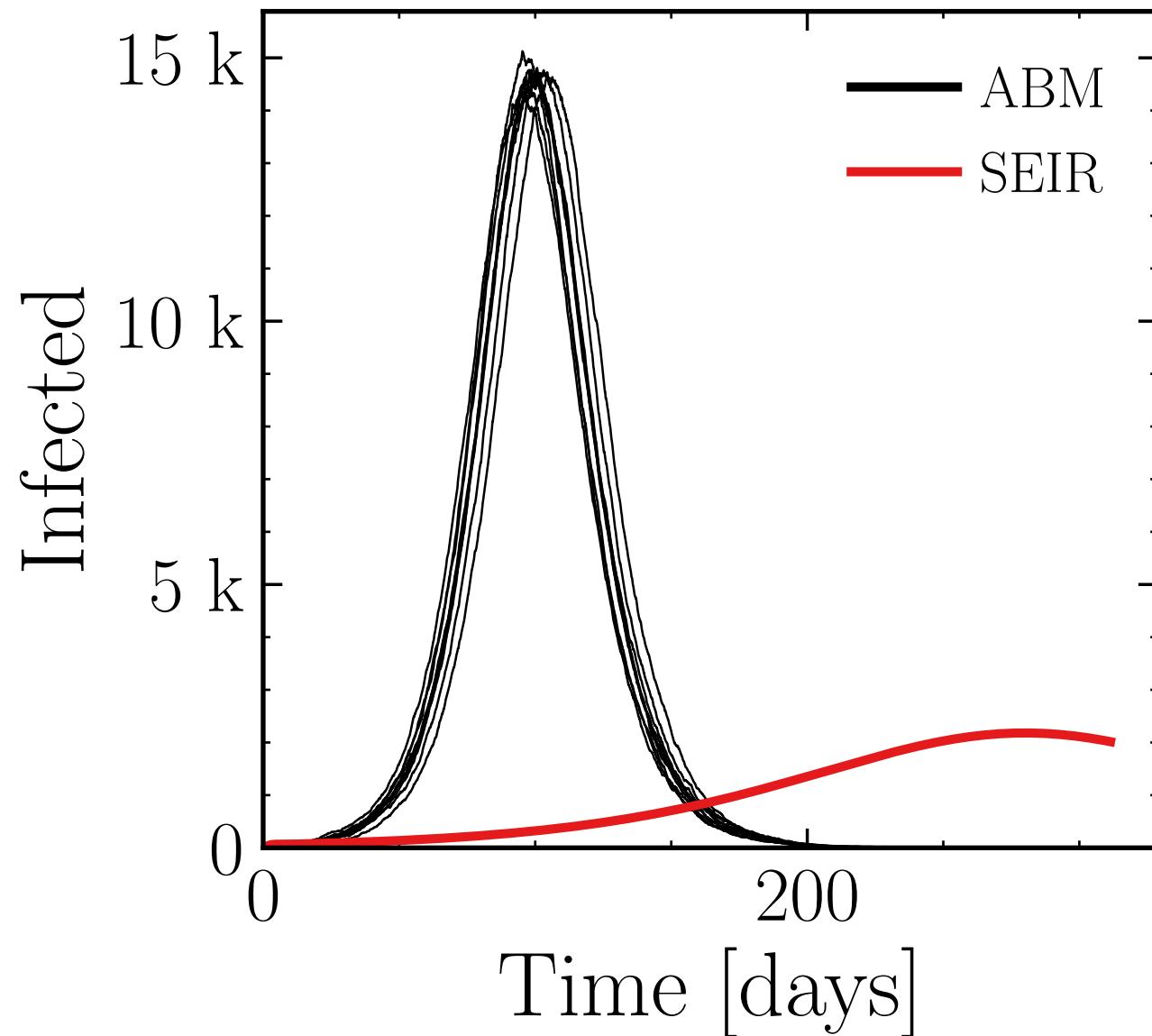
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (14.7 \pm 0.39\%) \cdot 10^3$

v. = 1.0, hash = 9bdf6474ee, #10

$R_{\infty}^{\text{ABM}} = (193.8 \pm 0.17\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

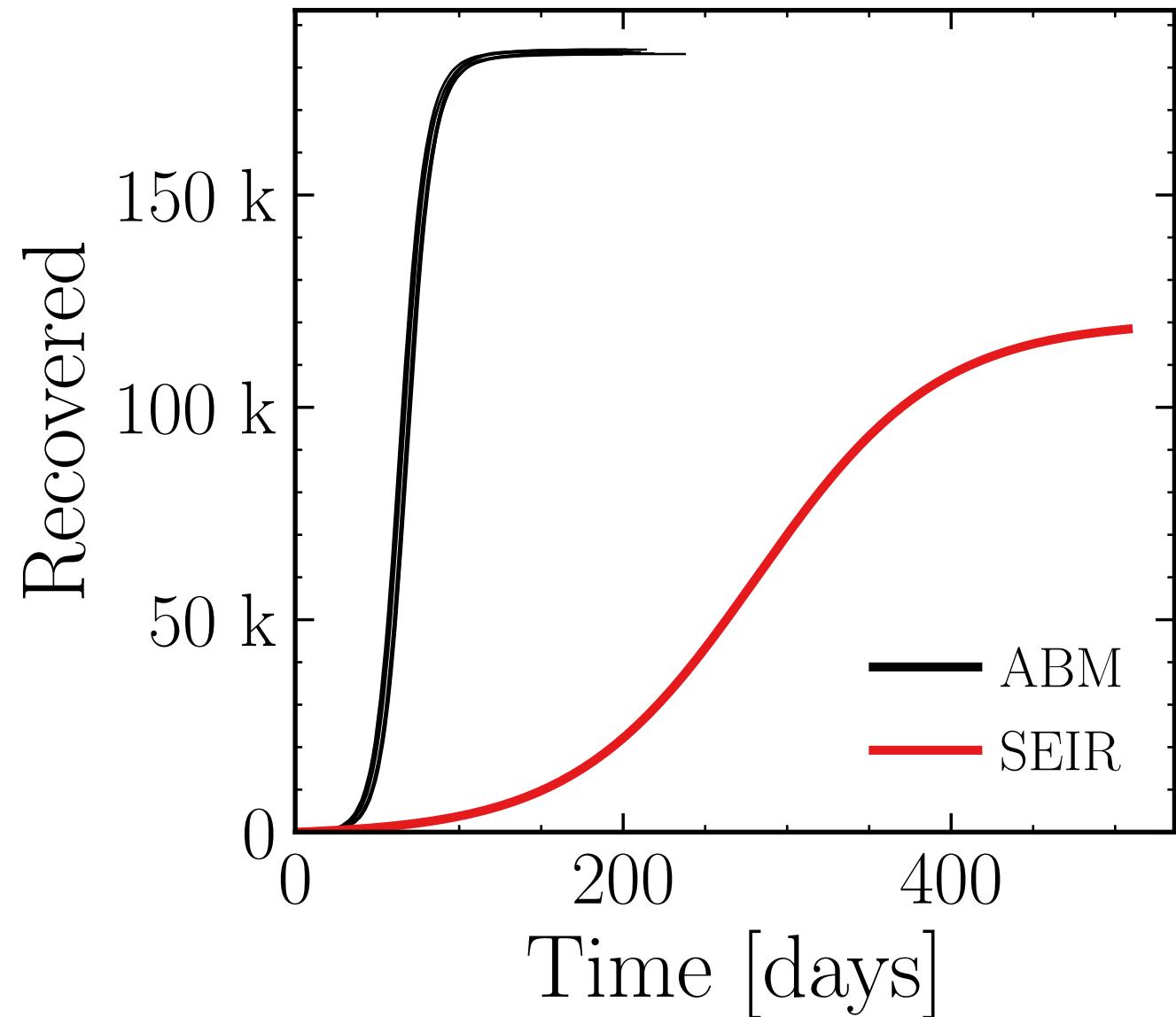
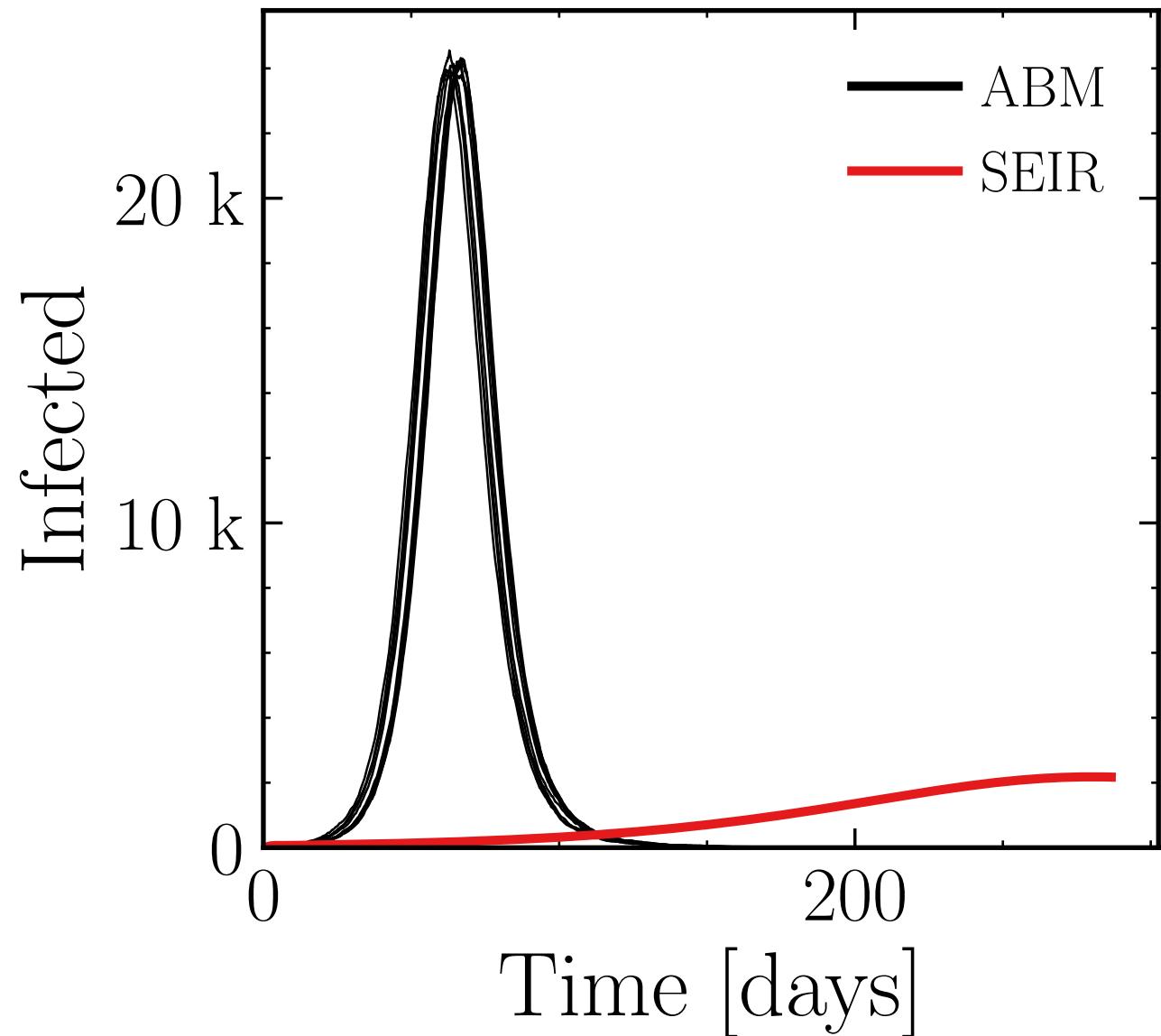
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (24.16 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = 5a8440f23f, #10

$R_{\infty}^{\text{ABM}} = (183.7 \pm 0.081\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

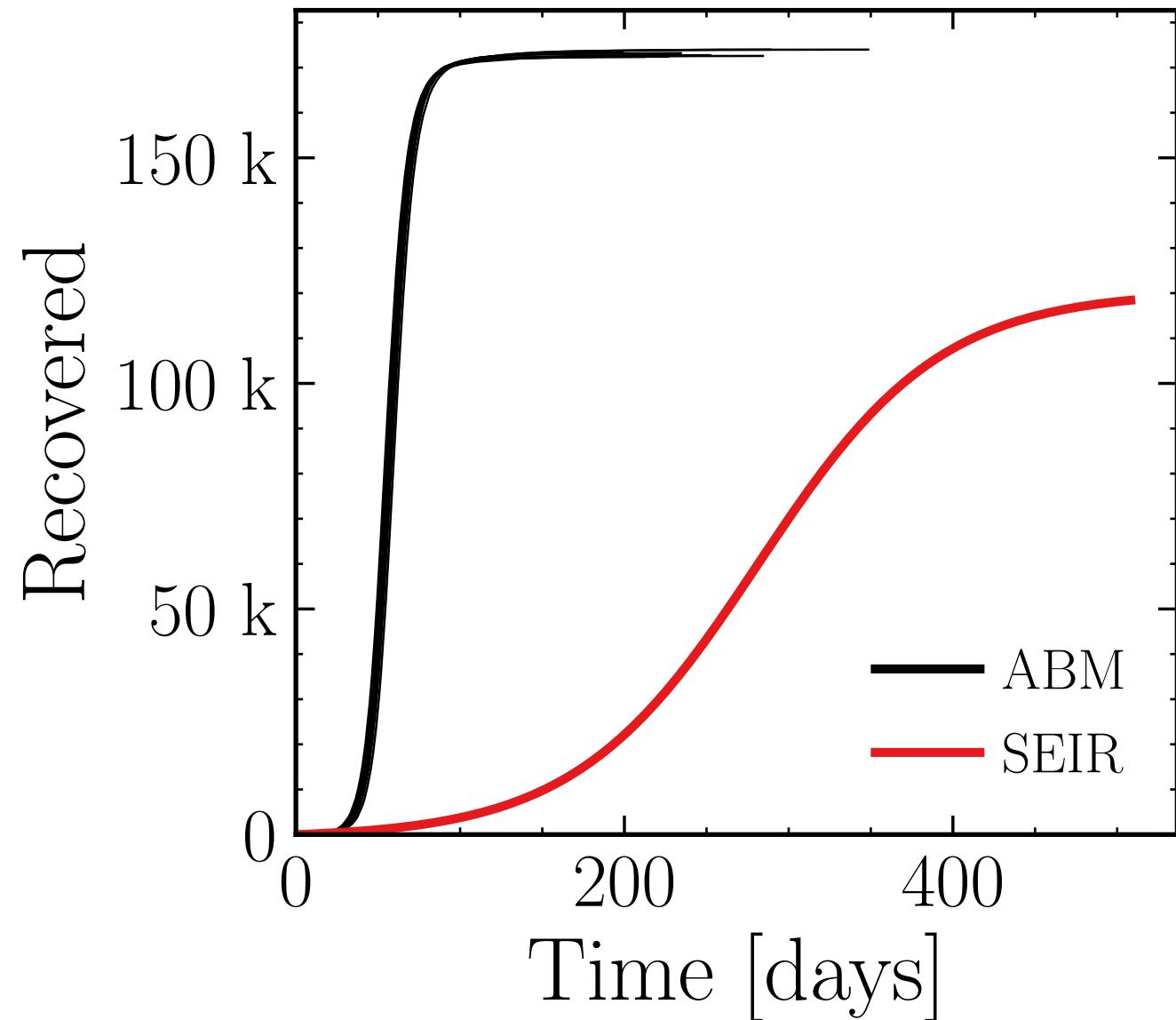
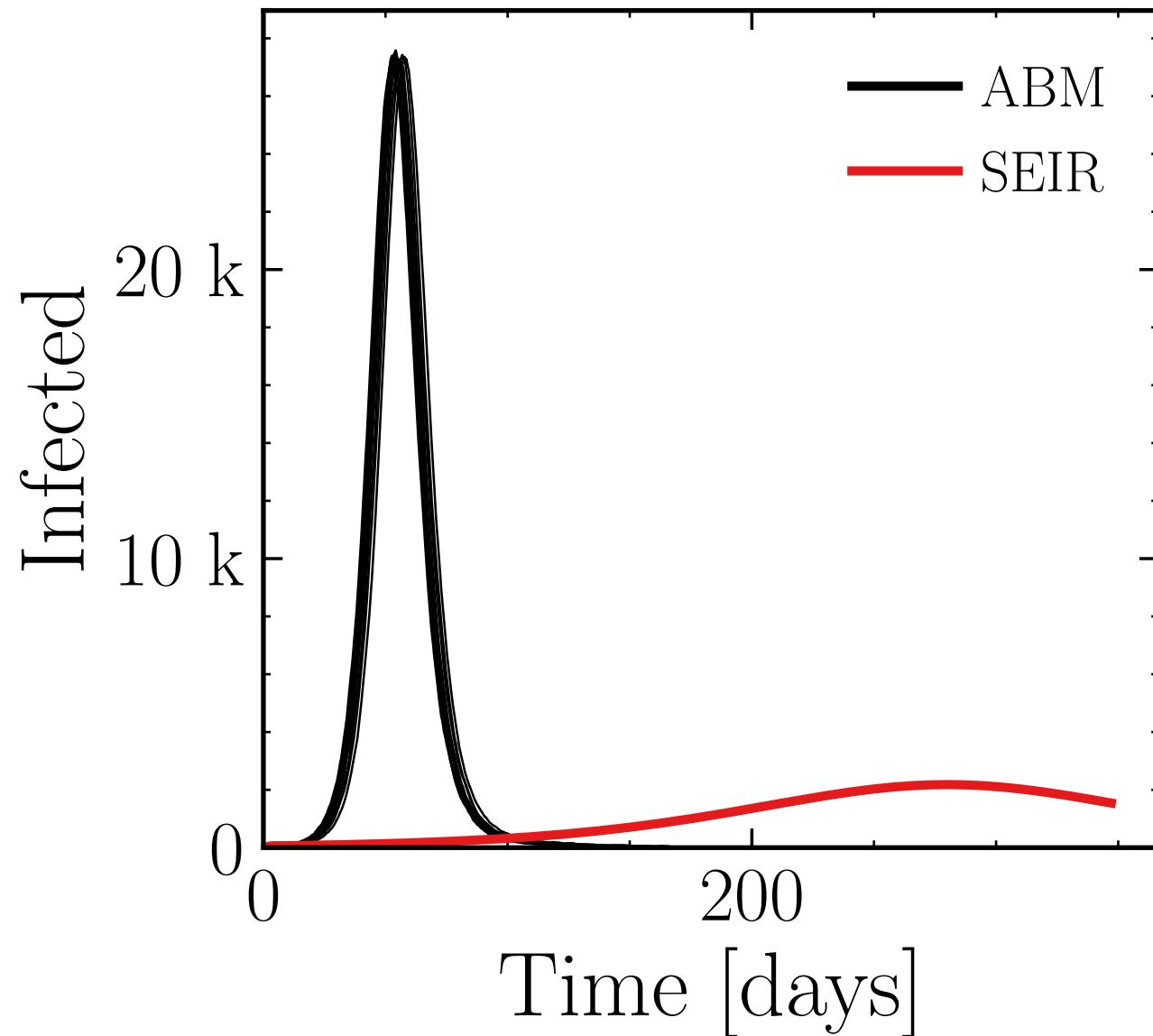
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.36 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = f888087774, #10

$R_{\infty}^{\text{ABM}} = (173 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

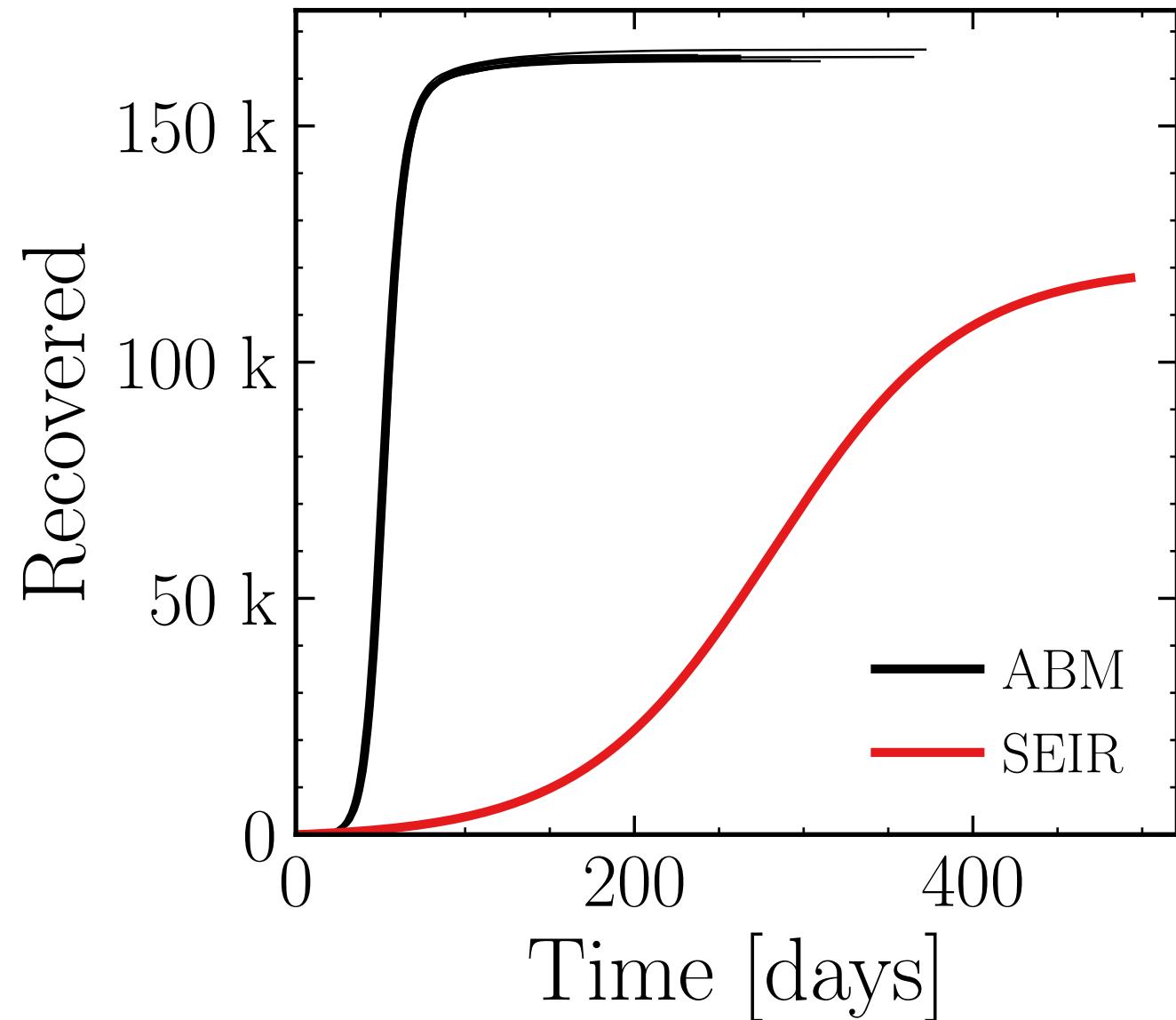
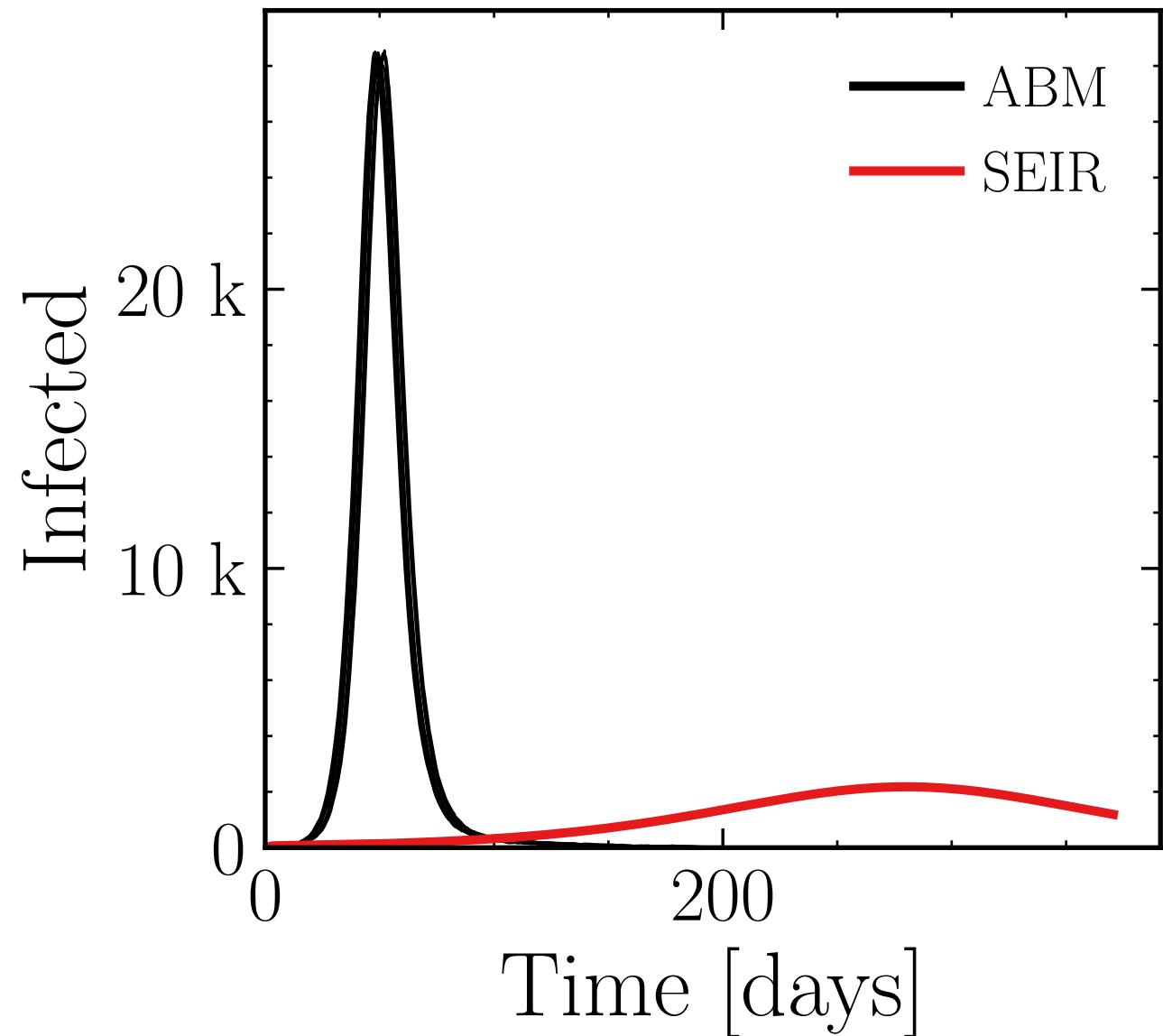
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (28.39 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 6ed7db9c94, #10

$R_{\infty}^{\text{ABM}} = (164.5 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

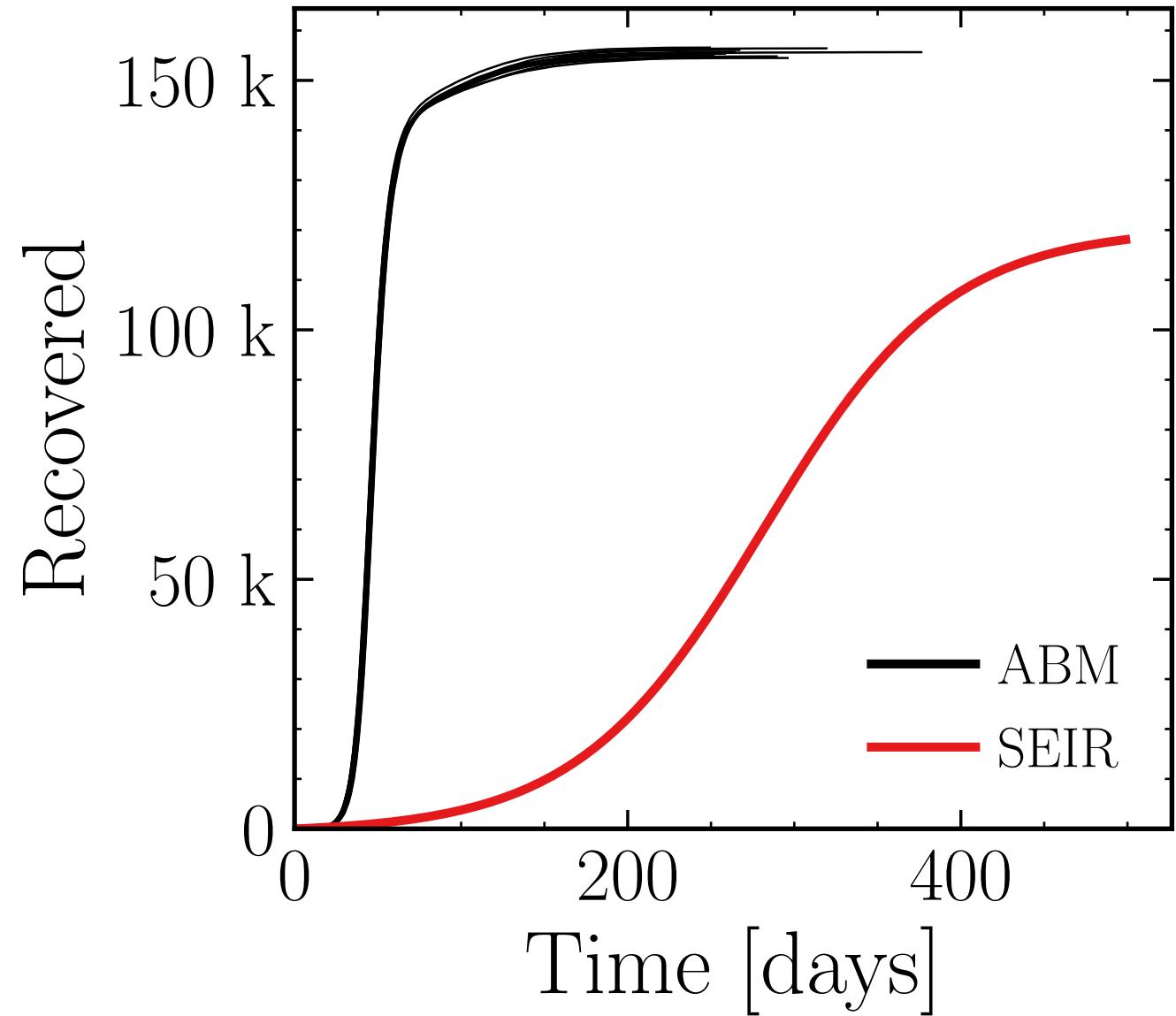
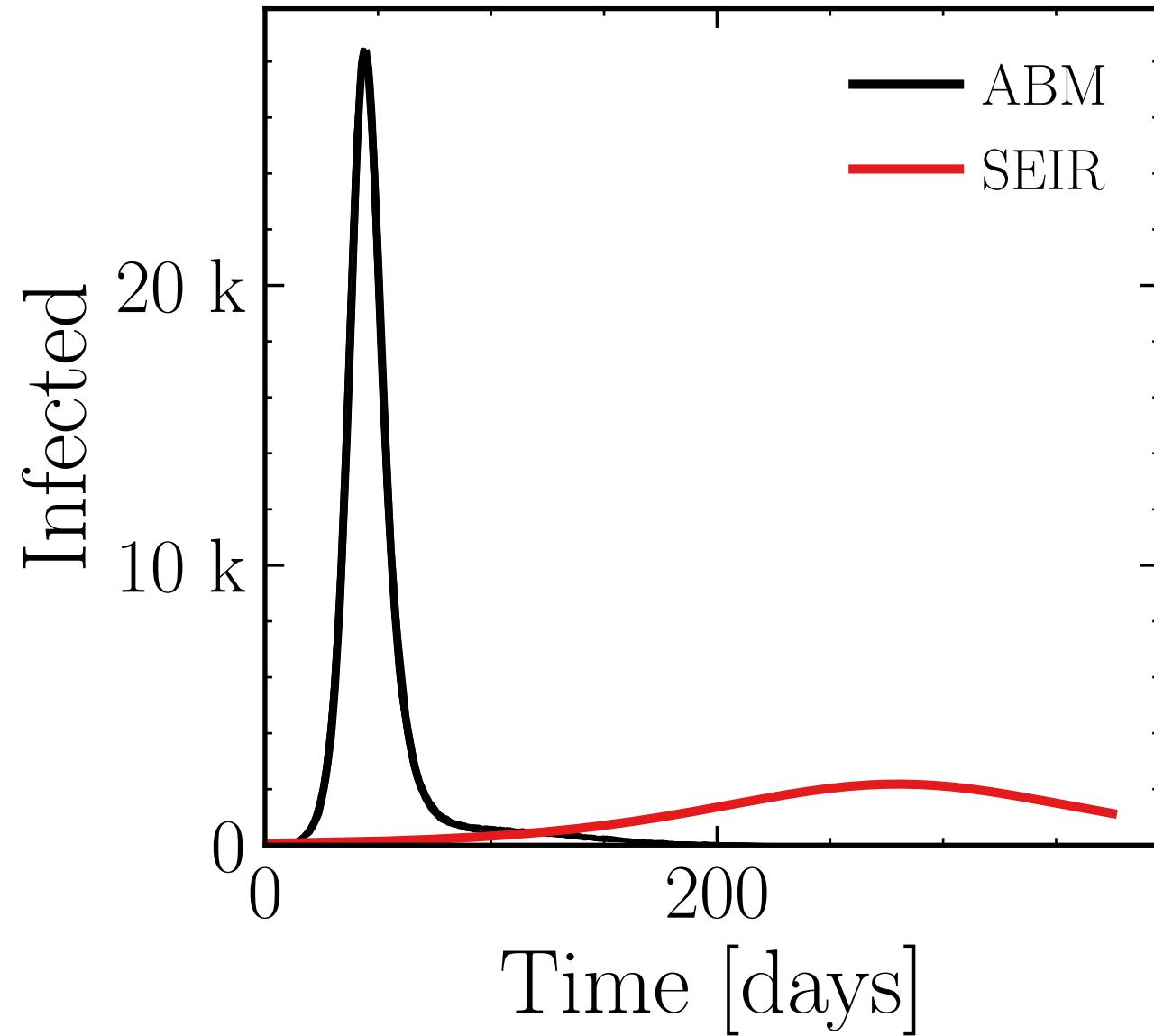
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (28.39 \pm 0.074\%) \cdot 10^3$

v. = 1.0, hash = f900275fd7, #10

$R_{\infty}^{\text{ABM}} = (155.5 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

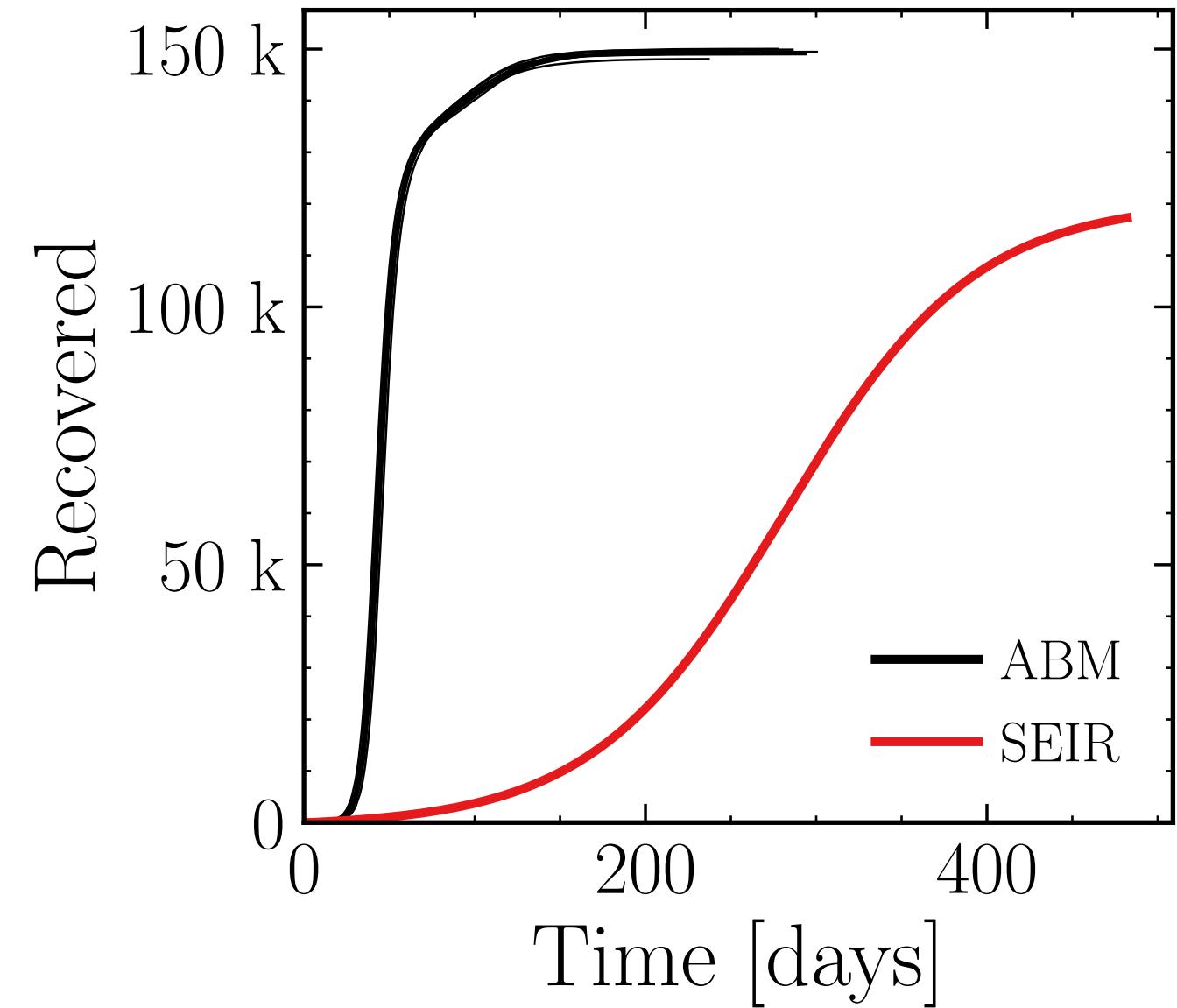
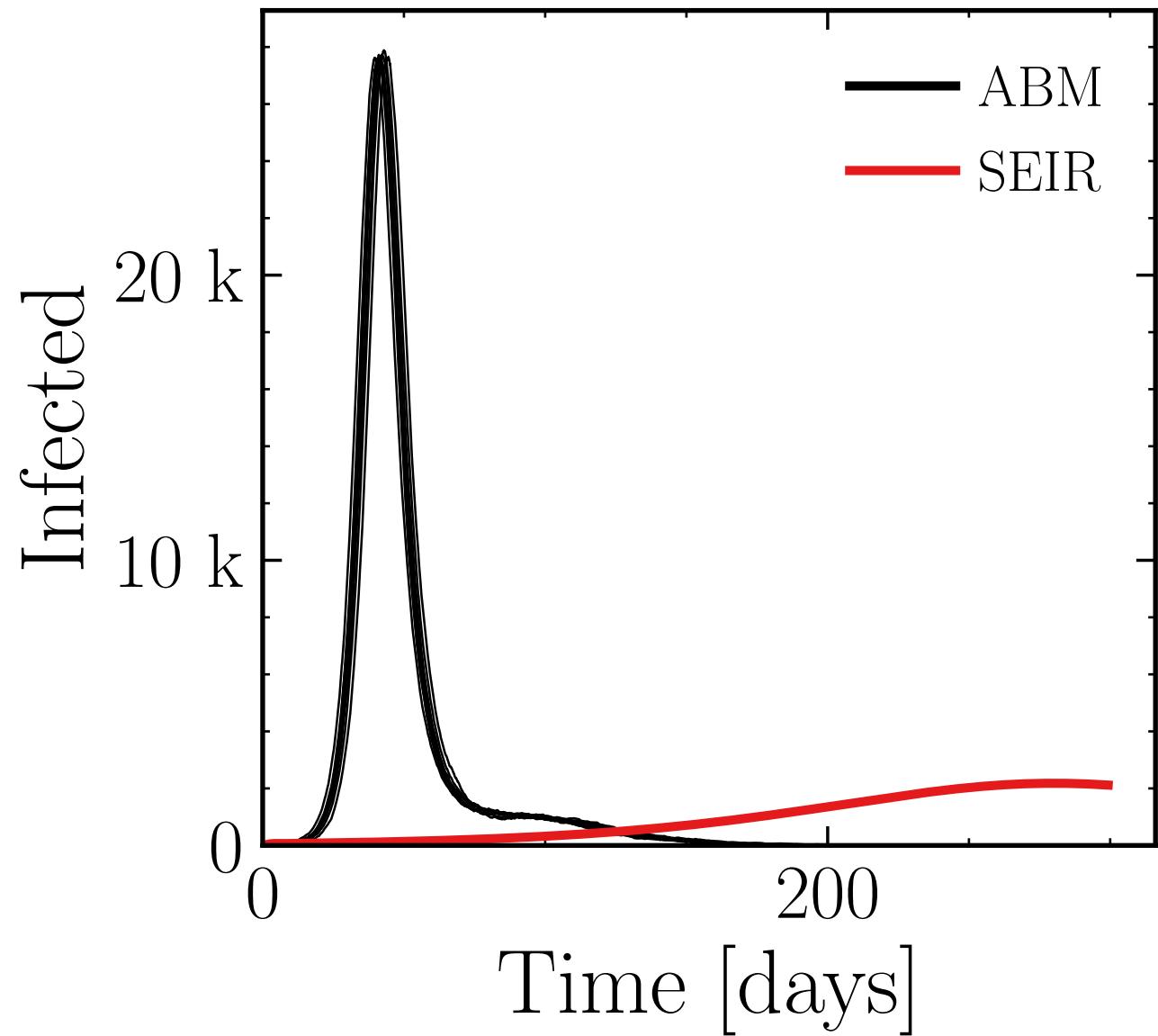
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.67 \pm 0.1\%) \cdot 10^3$

v. = 1.0, hash = 92ecb7b967, #10

$R_\infty^{\text{ABM}} = (149.3 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

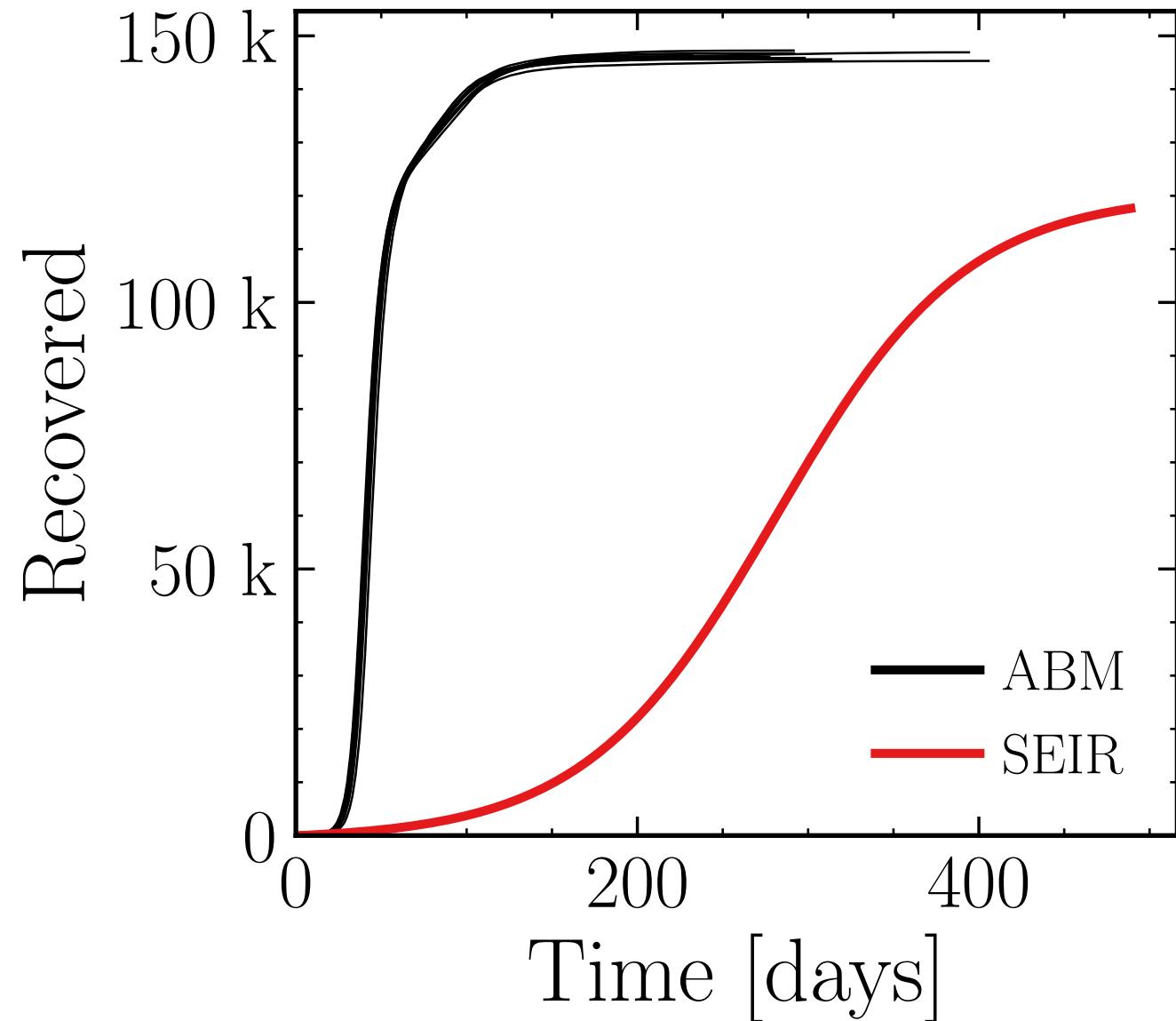
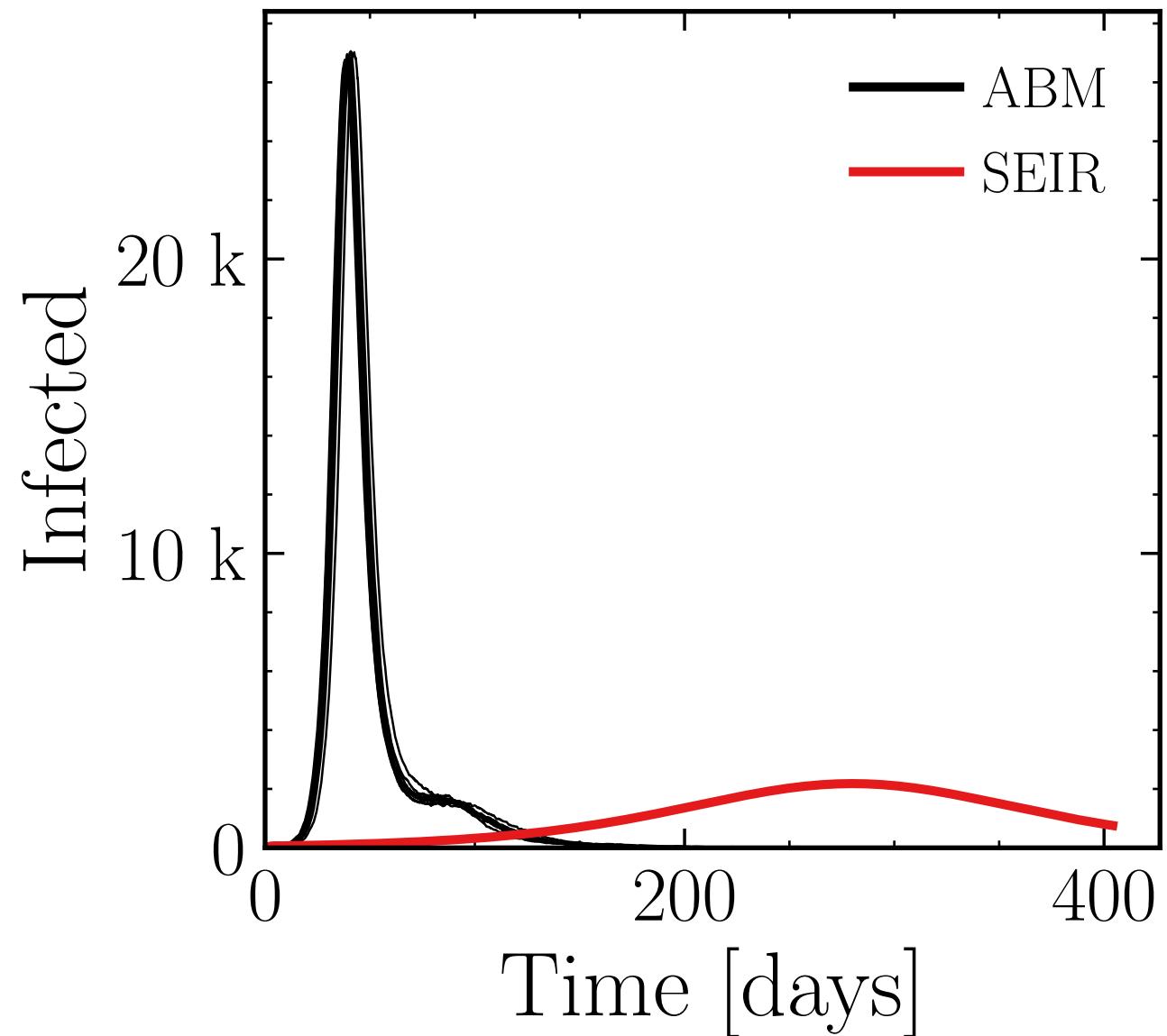
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.85 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = f1e7525164, #10

$R_\infty^{\text{ABM}} = (146.2 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

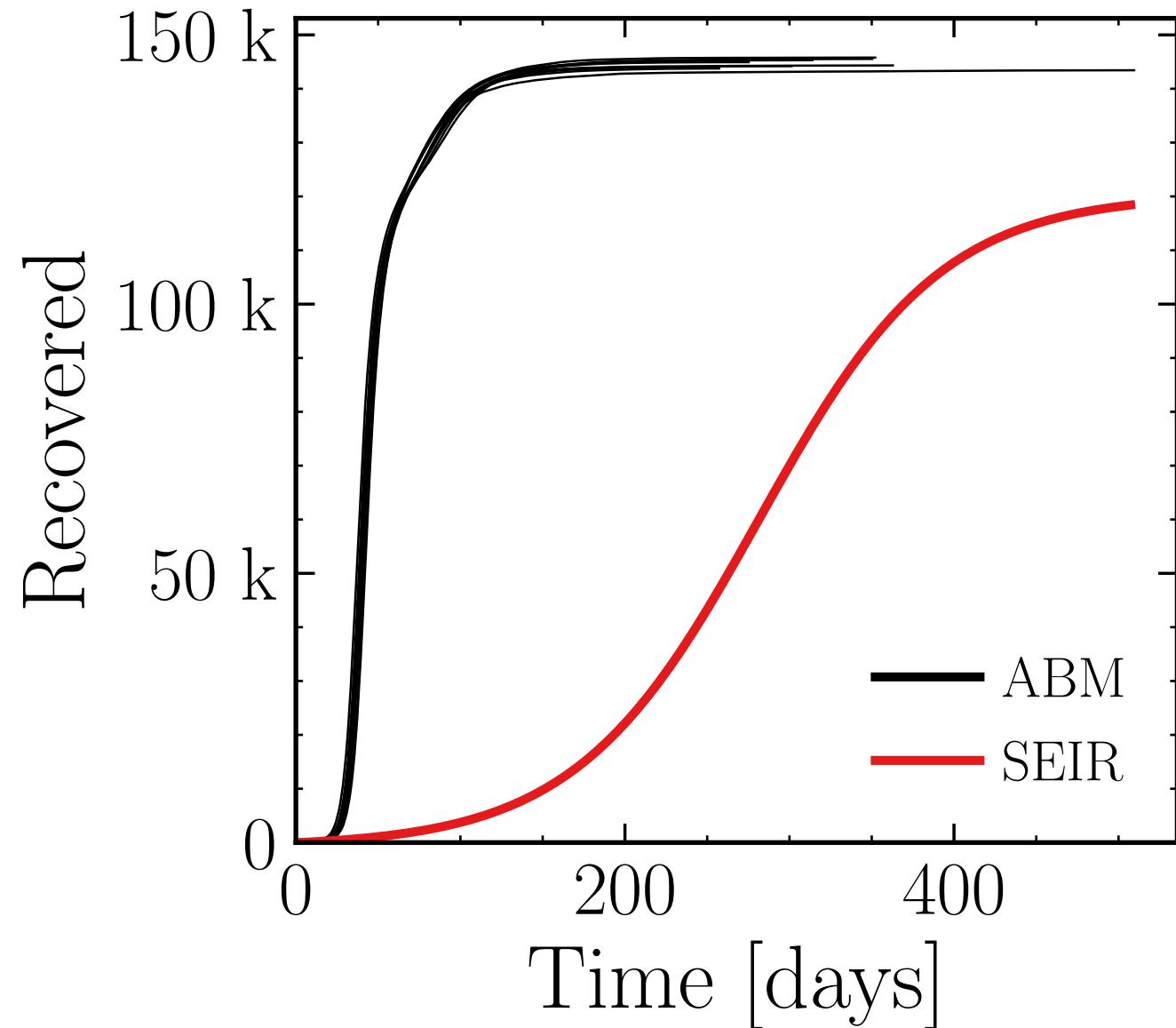
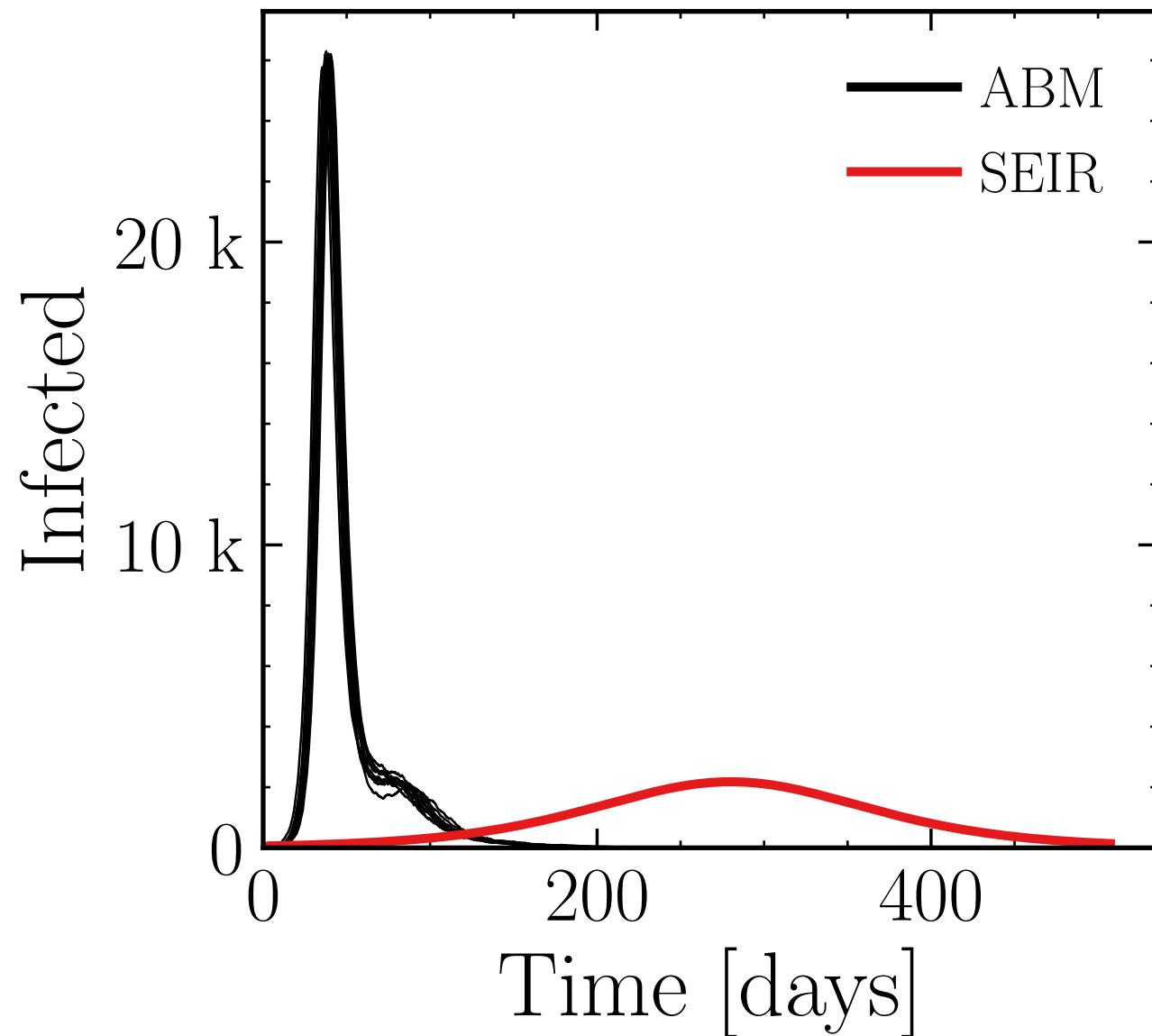
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.06 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = a90494ab67, #10

$R_\infty^{\text{ABM}} = (144.6 \pm 0.16\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

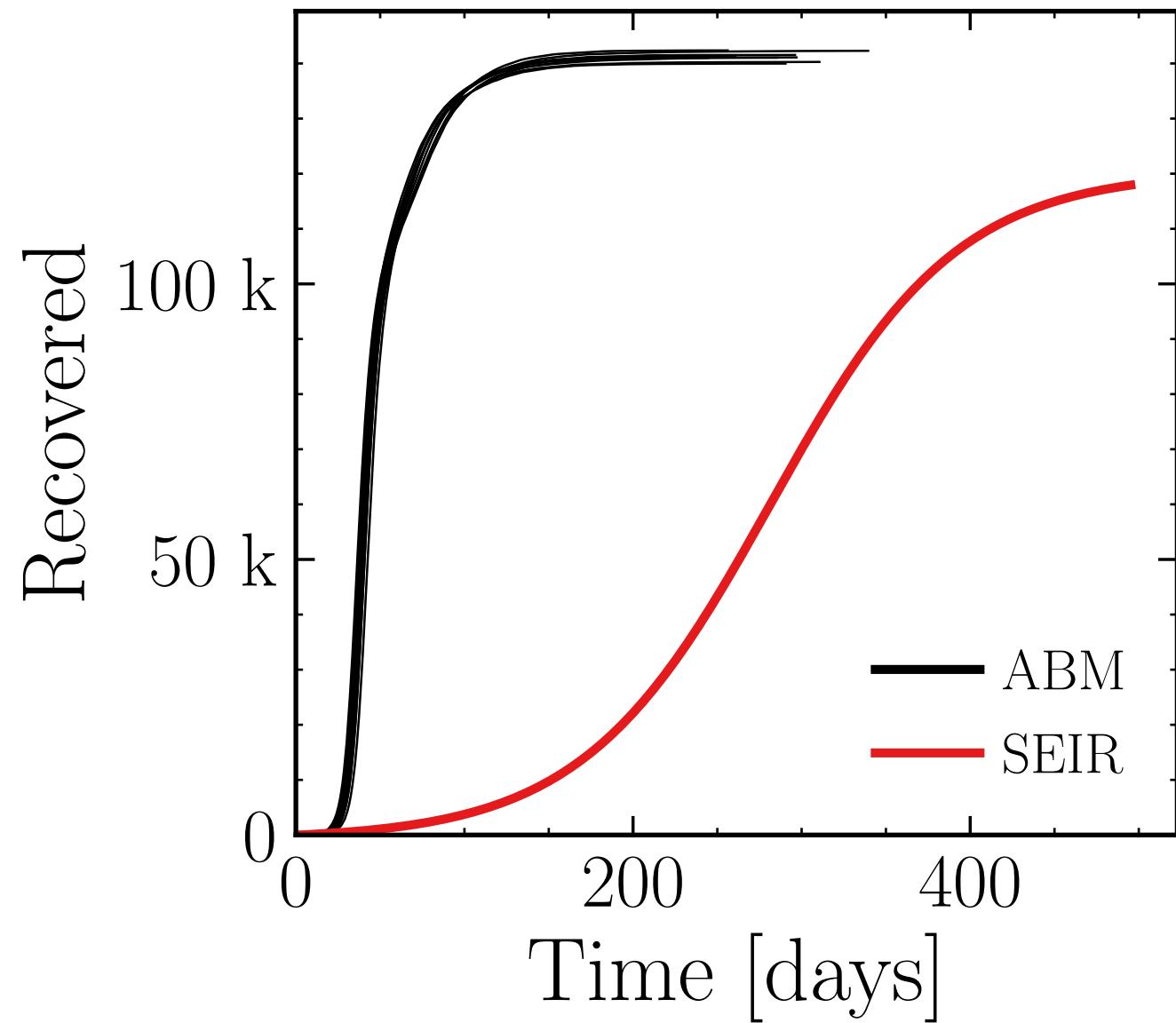
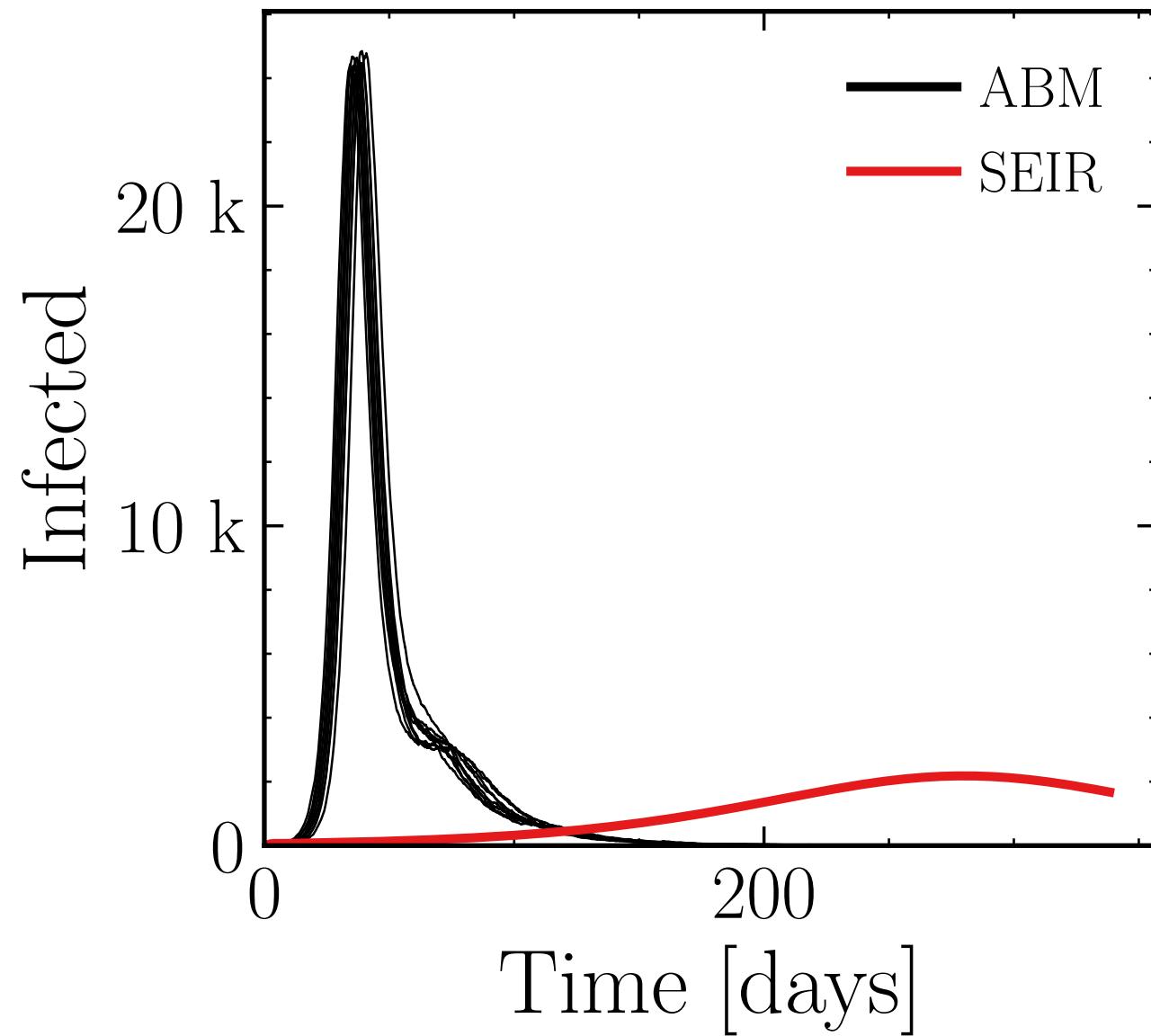
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (24.55 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = c735d7ac98, #10

$R_\infty^{\text{ABM}} = (141.2 \pm 0.16\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

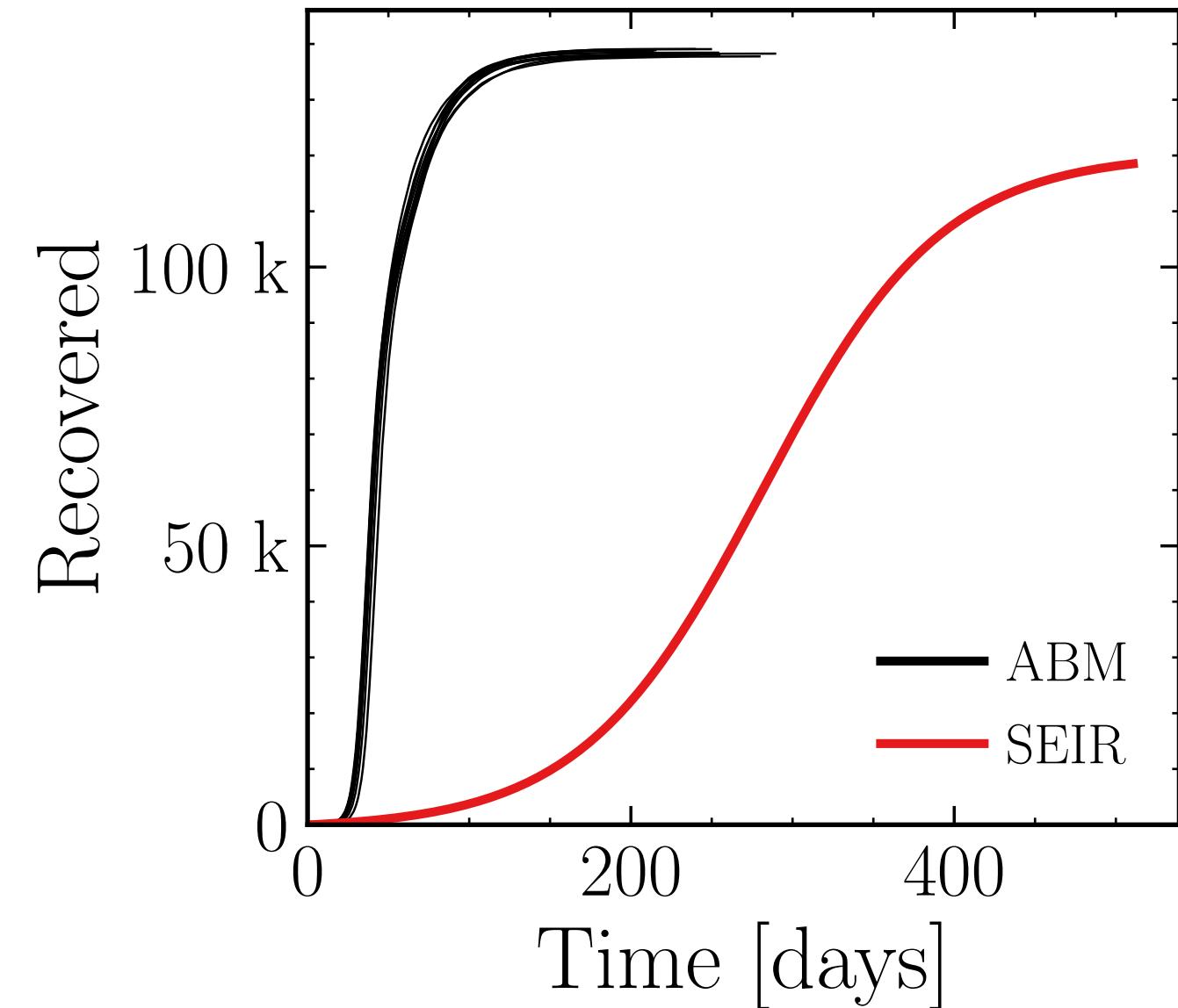
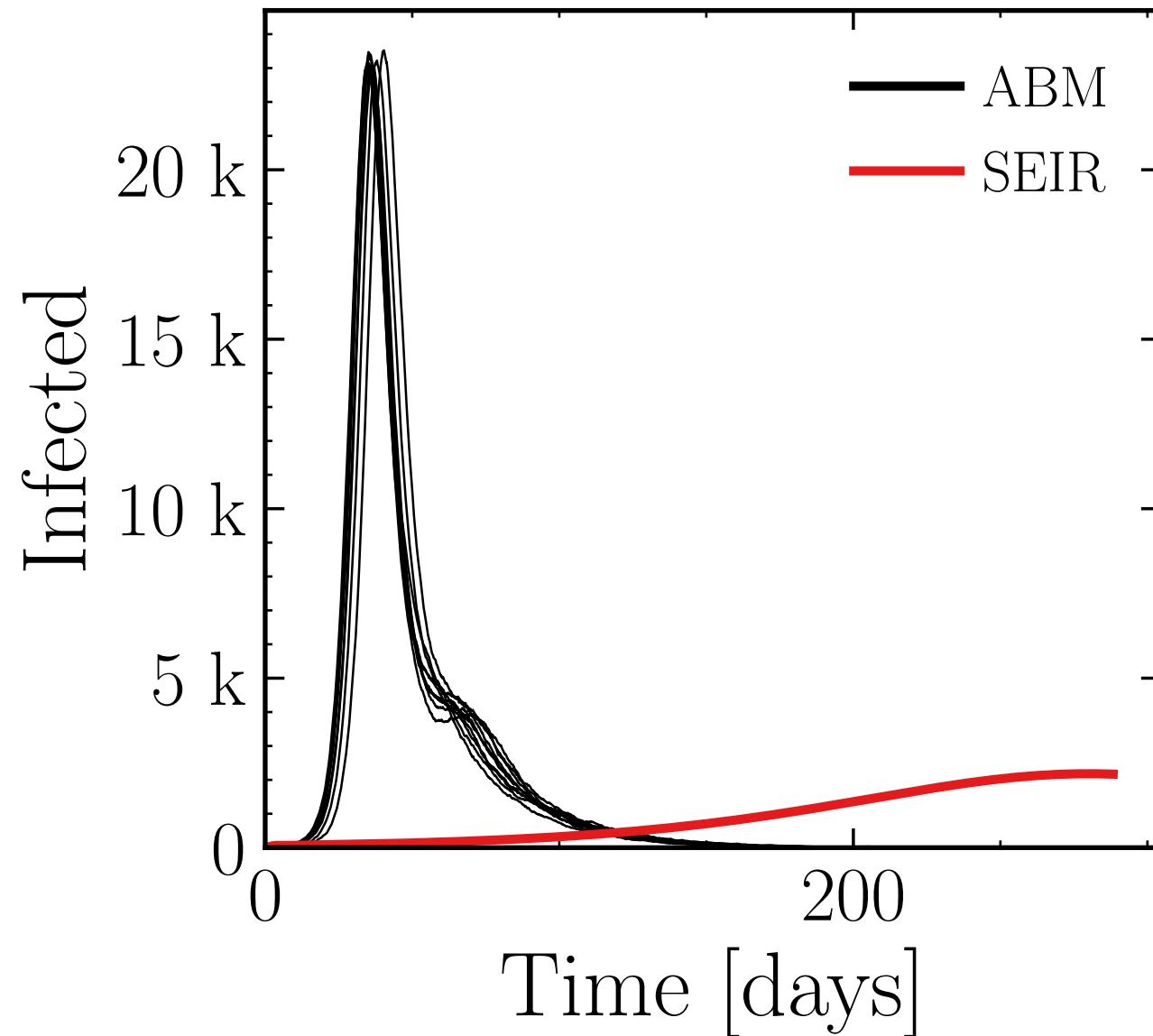
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (23.22 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 998527ba35, #10

$R_\infty^{\text{ABM}} = (138.4 \pm 0.12\%) \cdot 10^3$



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

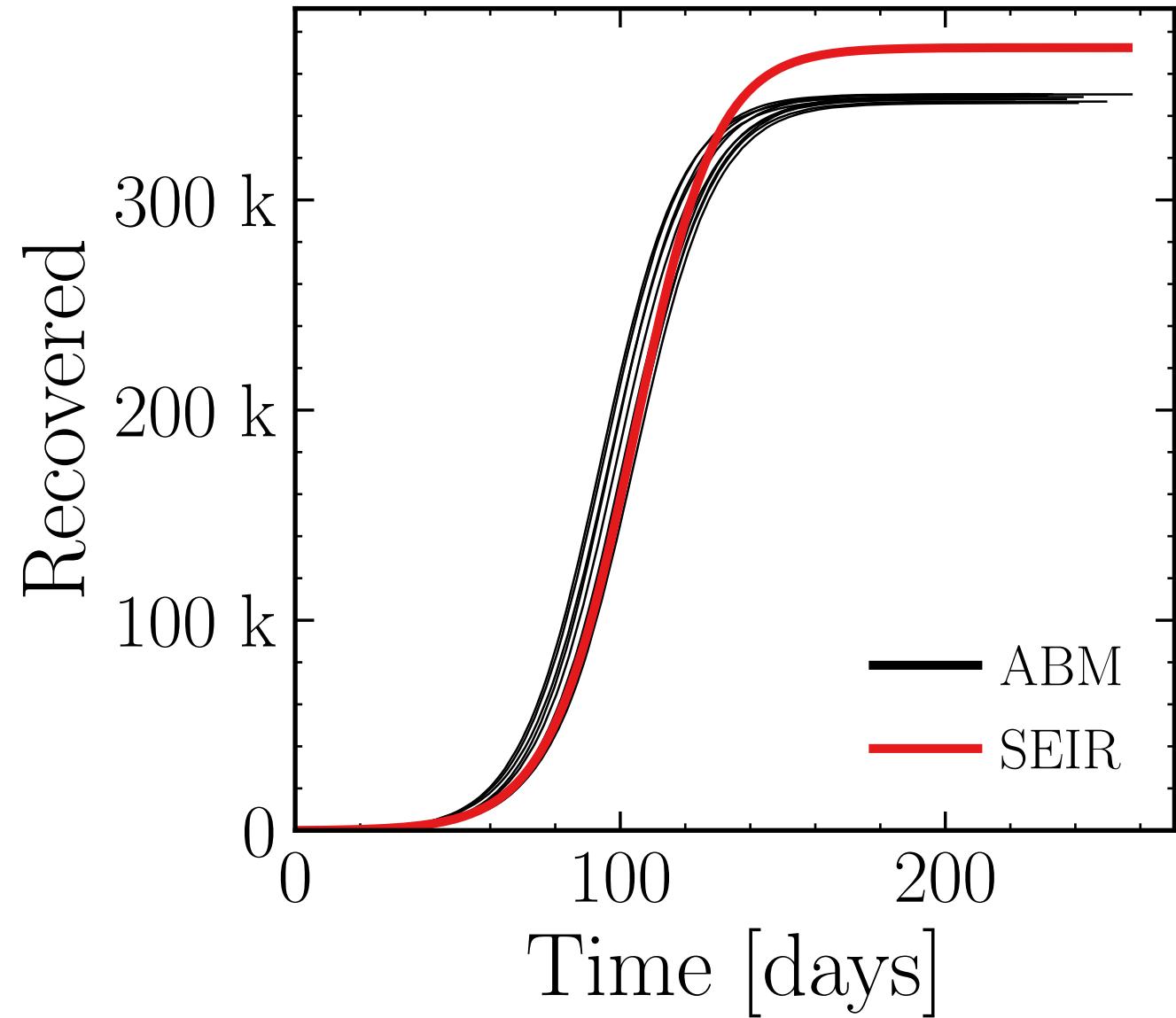
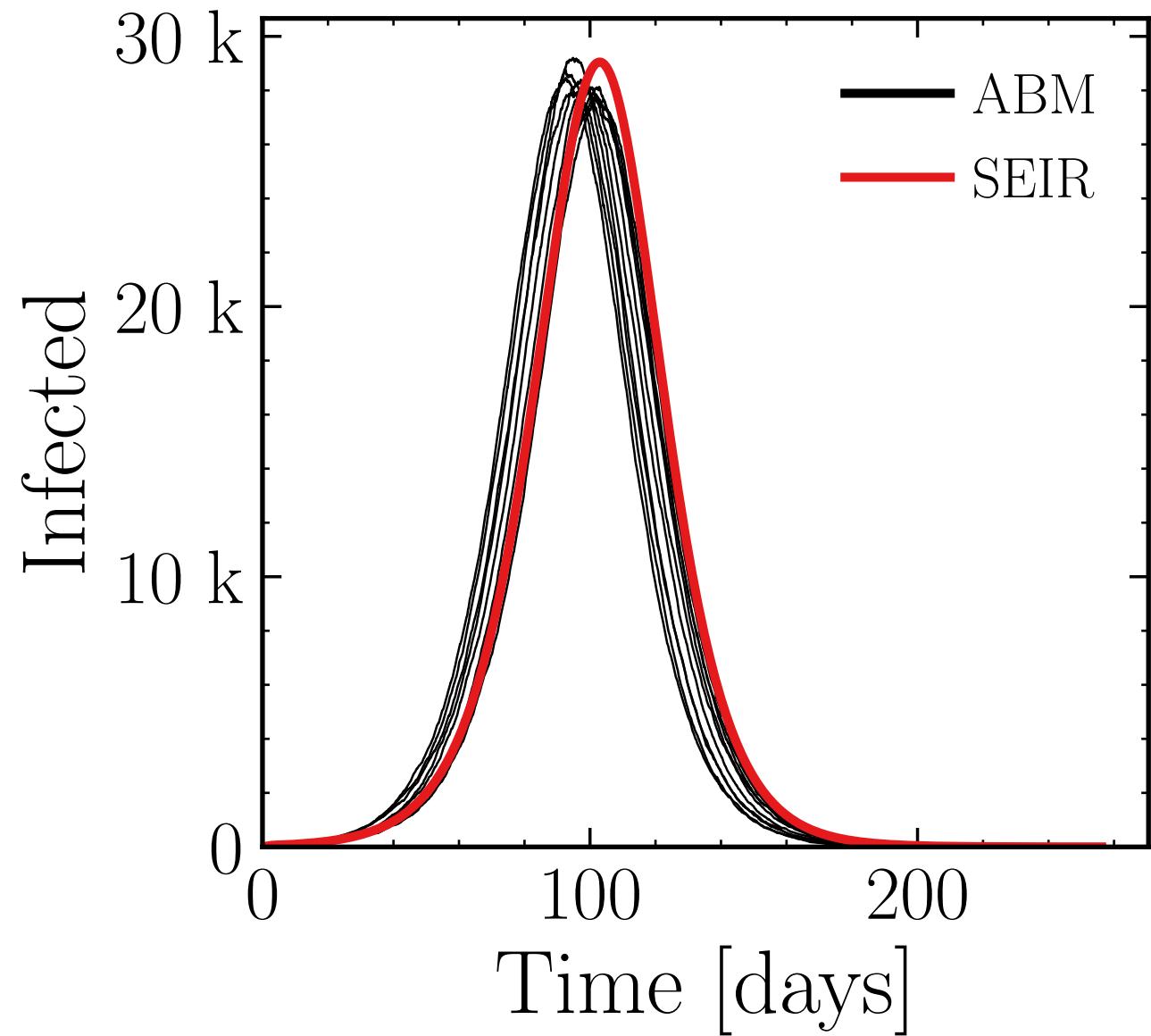
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (28.2 \pm 0.5\%) \cdot 10^3$

v. = 1.0, hash = 9c7510b7a6, #10

$R_{\infty}^{\text{ABM}} = (348.7 \pm 0.13\%) \cdot 10^3$



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

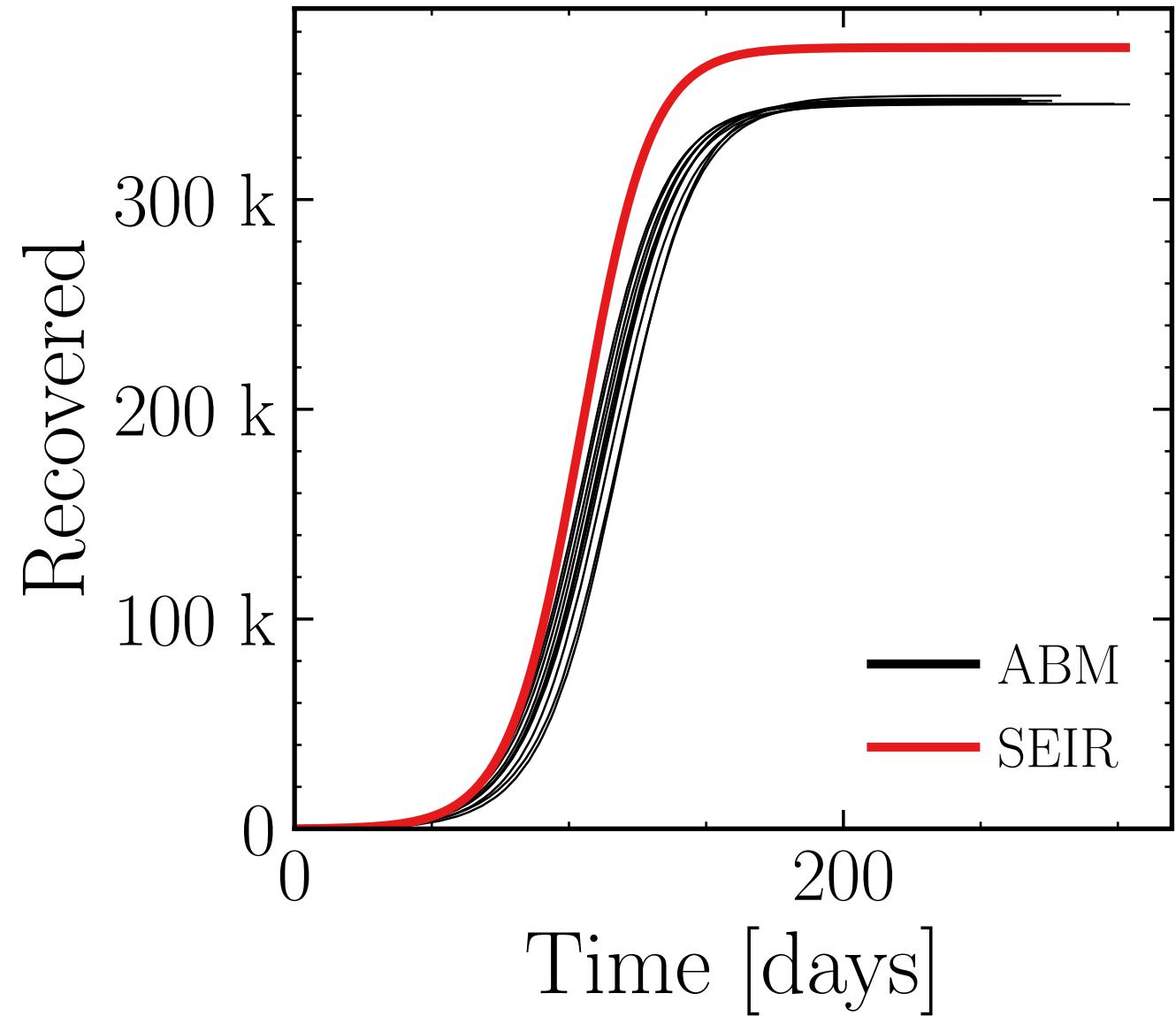
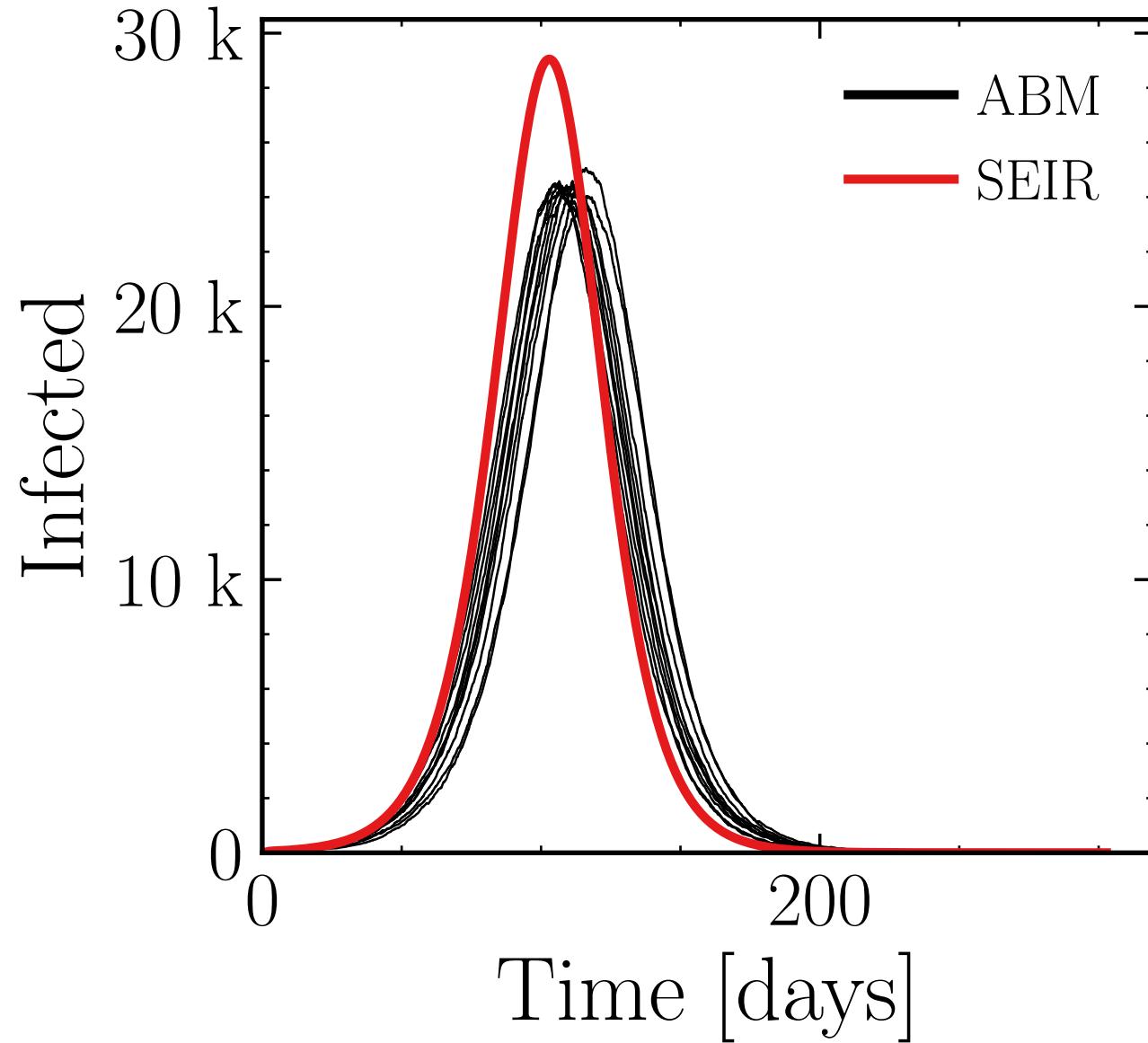
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (24.43 \pm 0.35\%) \cdot 10^3$

v. = 1.0, hash = 95f8c4f0d6, #10

$R_\infty^{\text{ABM}} = (346.8 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

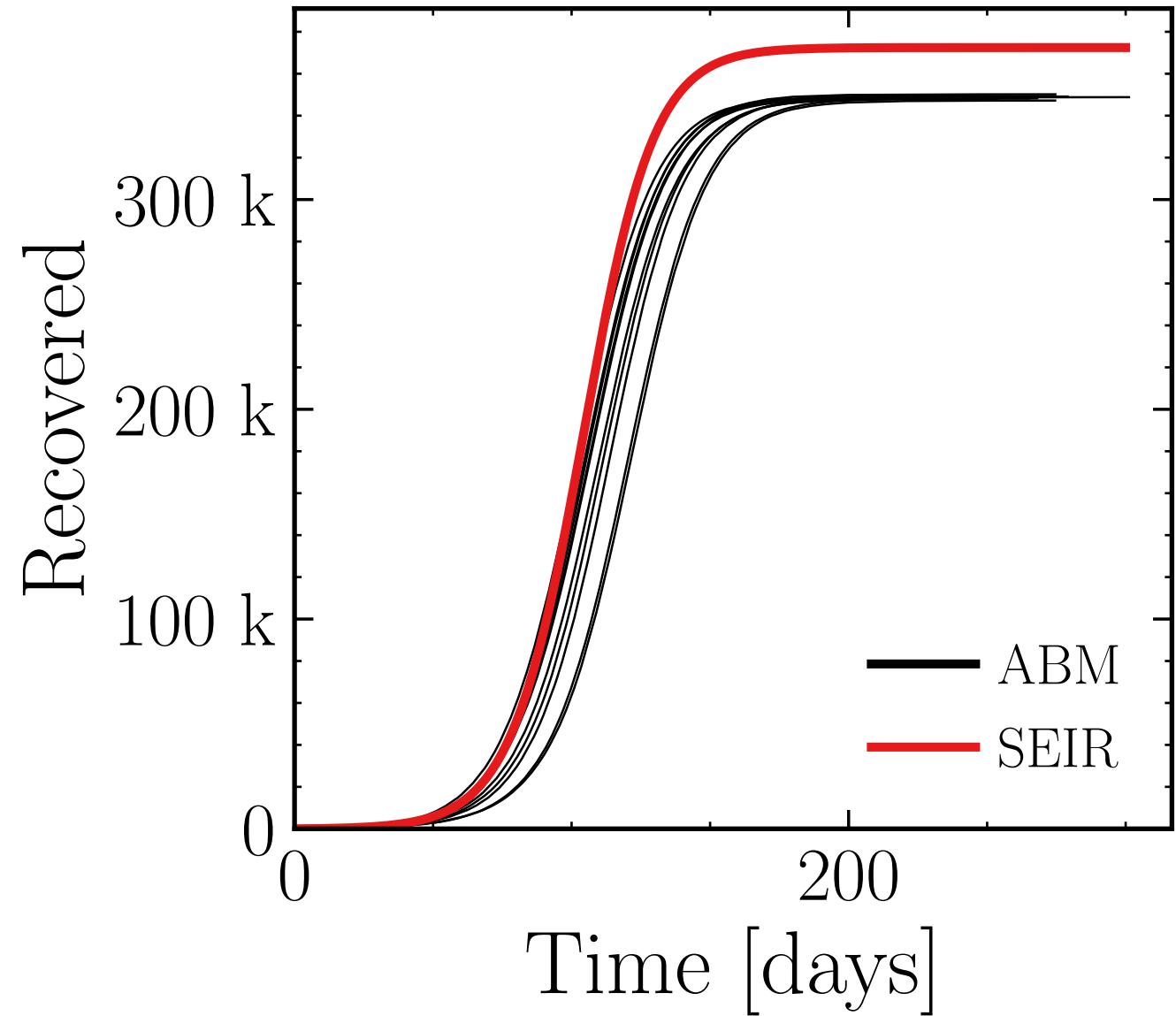
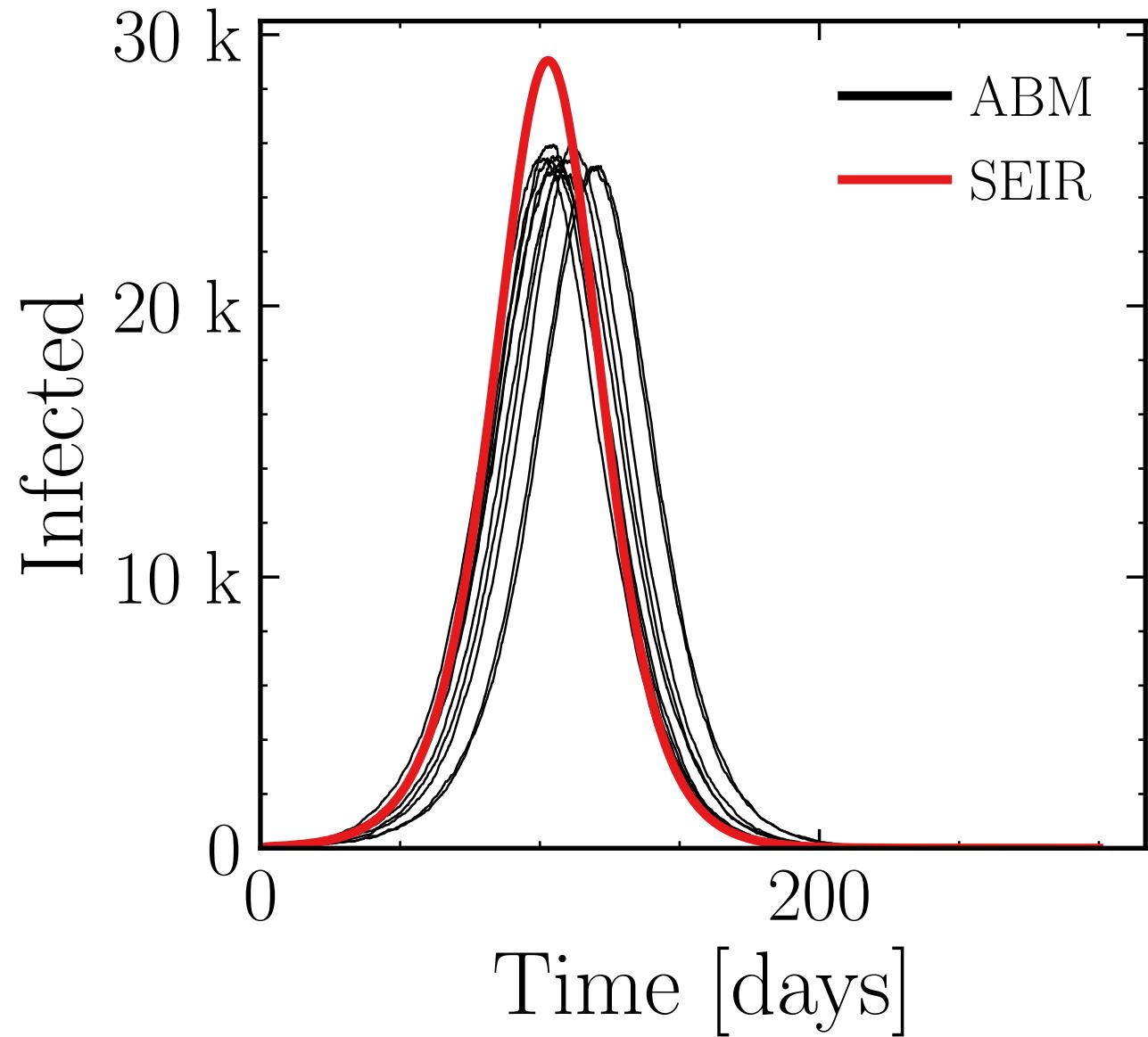
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (25.4 \pm 0.41\%) \cdot 10^3$

v. = 1.0, hash = 8d72235ccf, #10

$R_{\infty}^{\text{ABM}} = (348.6 \pm 0.072\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

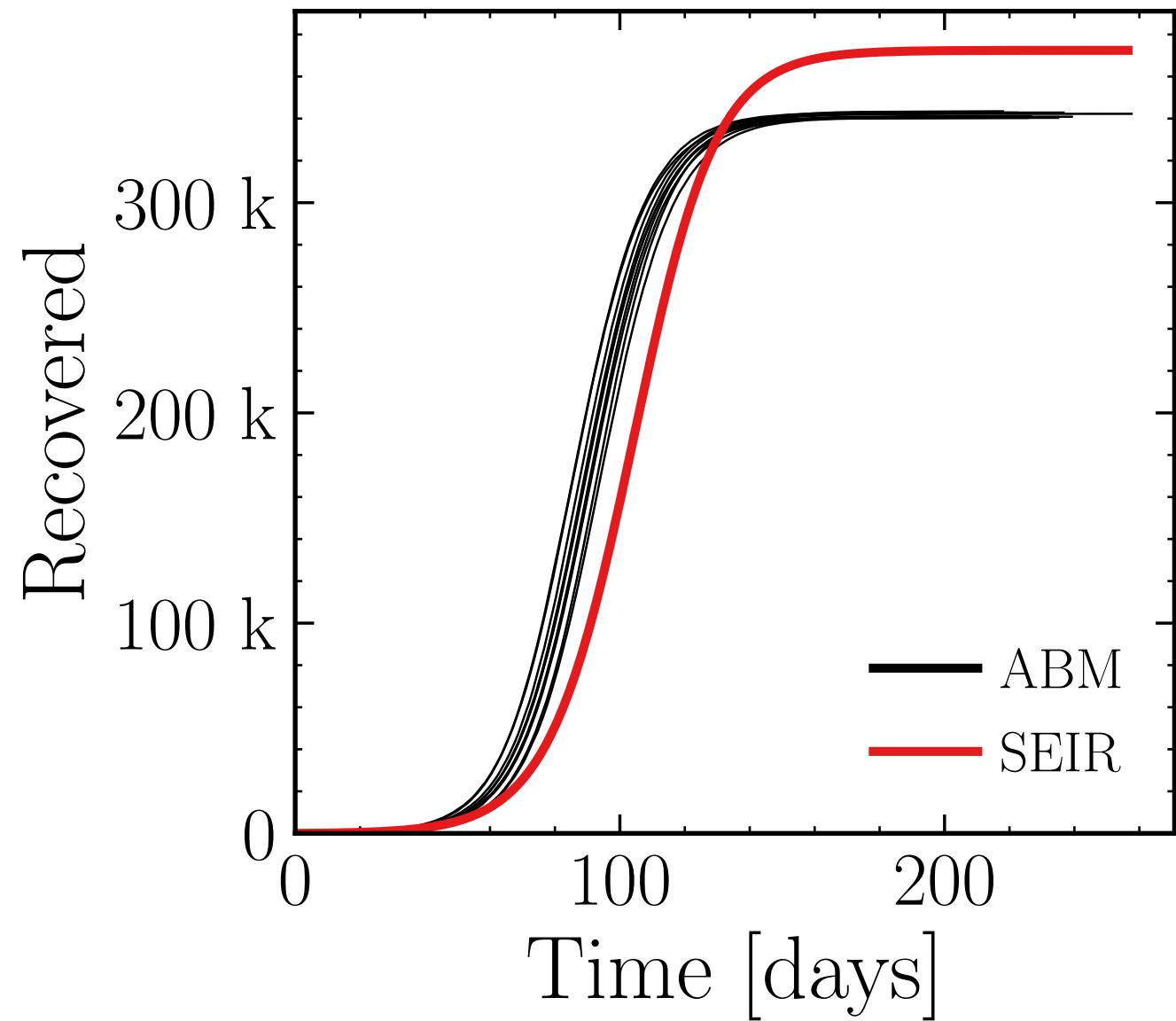
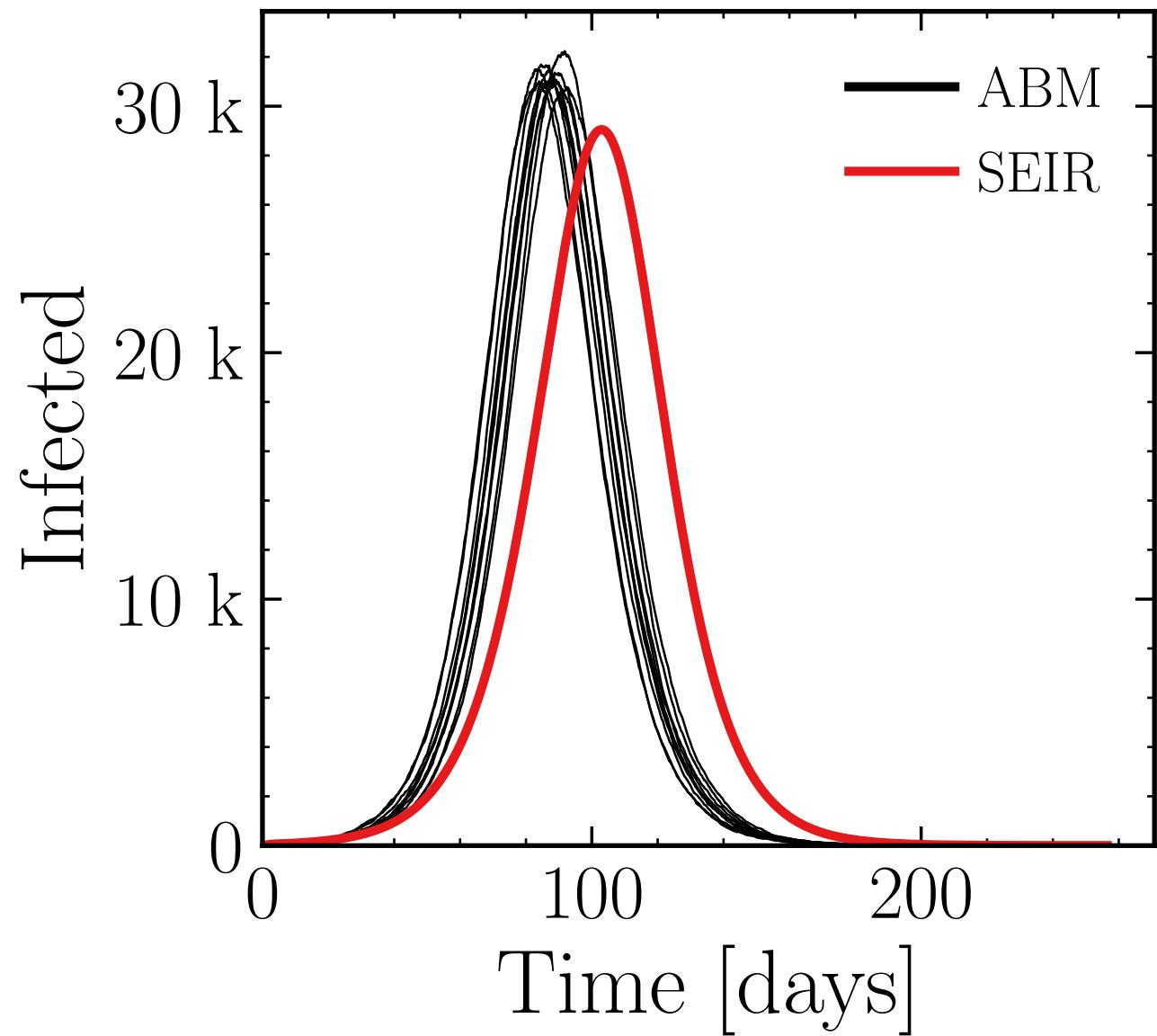
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (31.3 \pm 0.43\%) \cdot 10^3$

v. = 1.0, hash =faf305d13b, #10

$R_\infty^{\text{ABM}} = (341.8 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

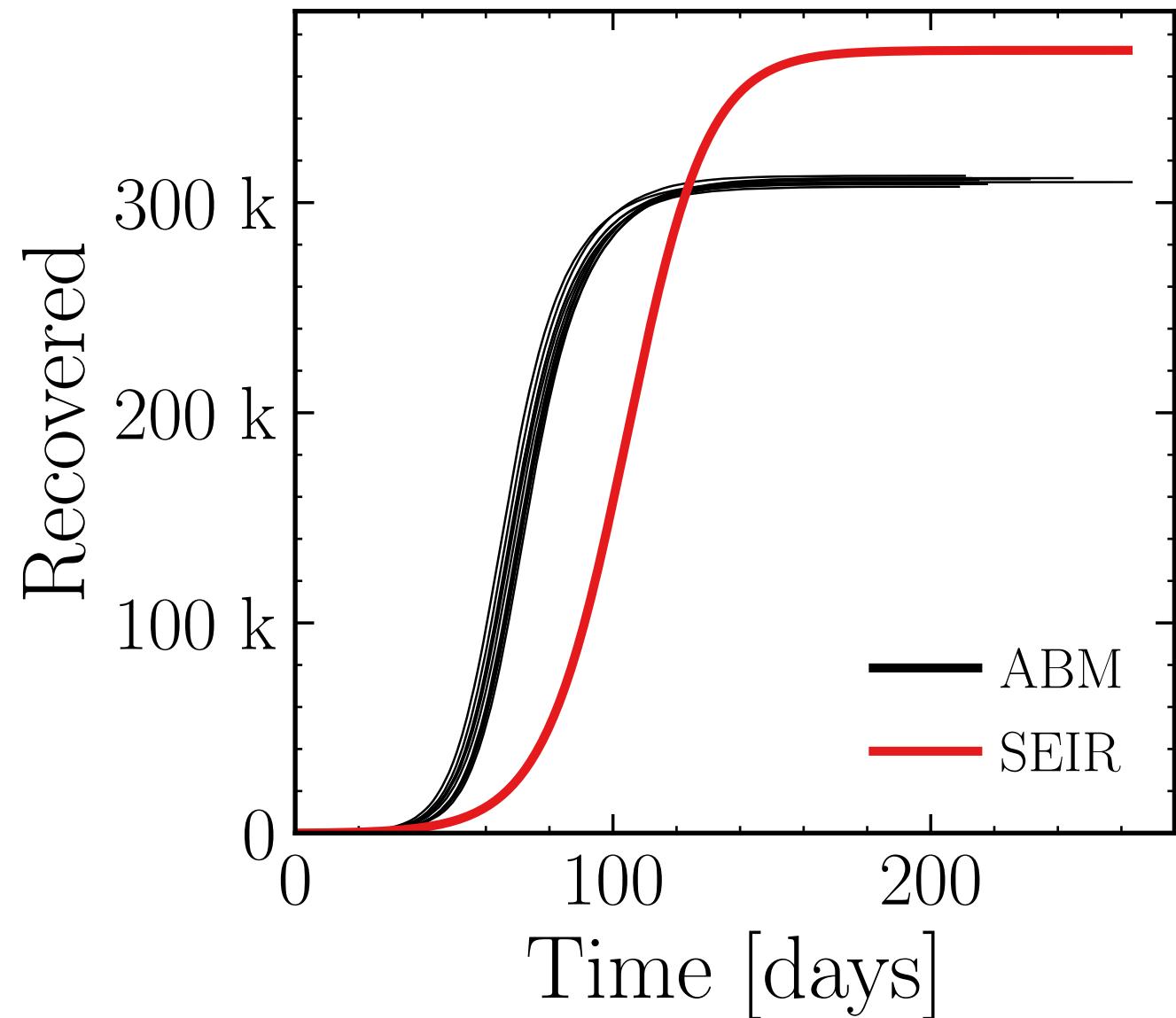
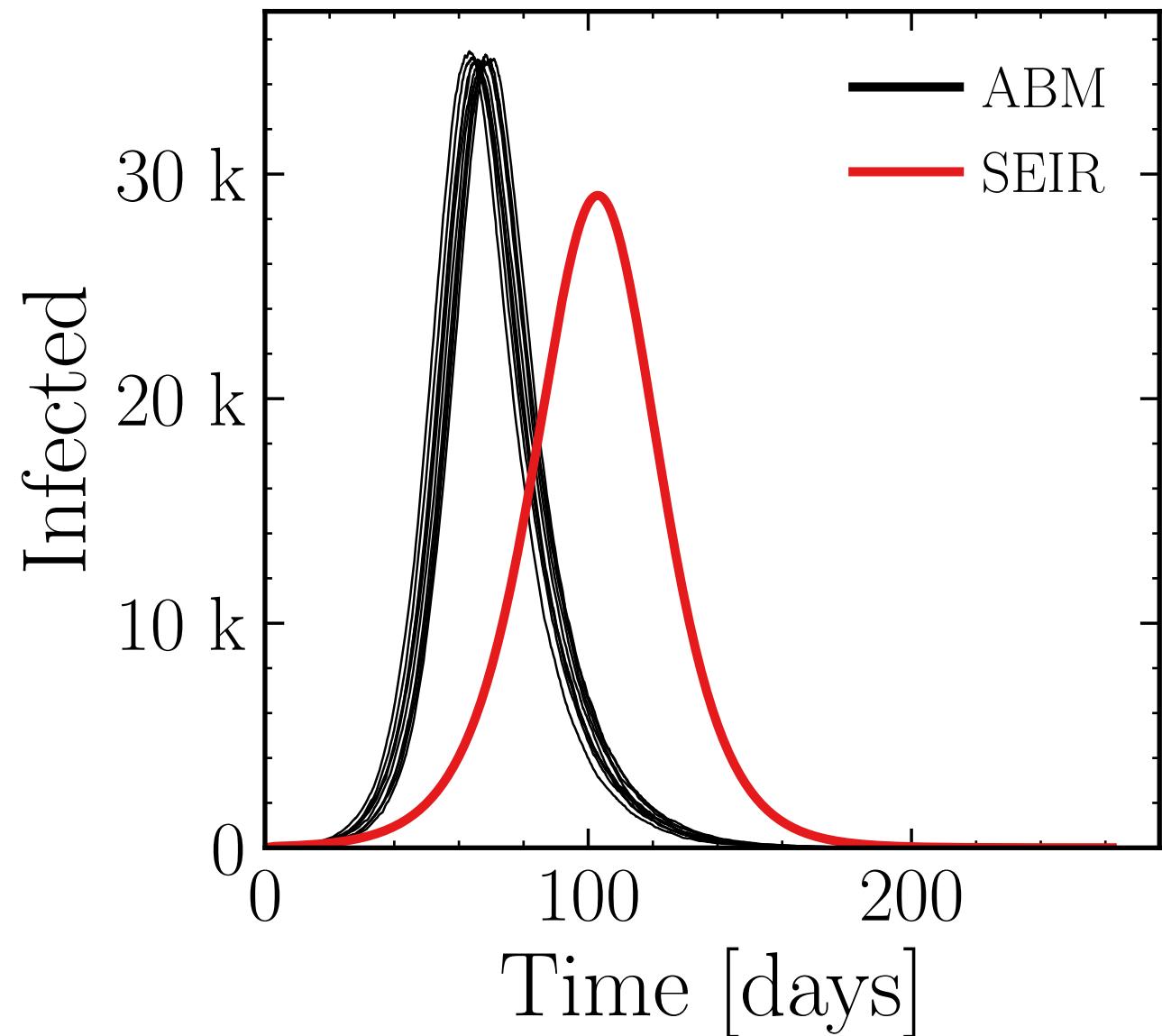
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (35.1 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 44766e03c0, #10

$R_\infty^{\text{ABM}} = (310.3 \pm 0.15\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

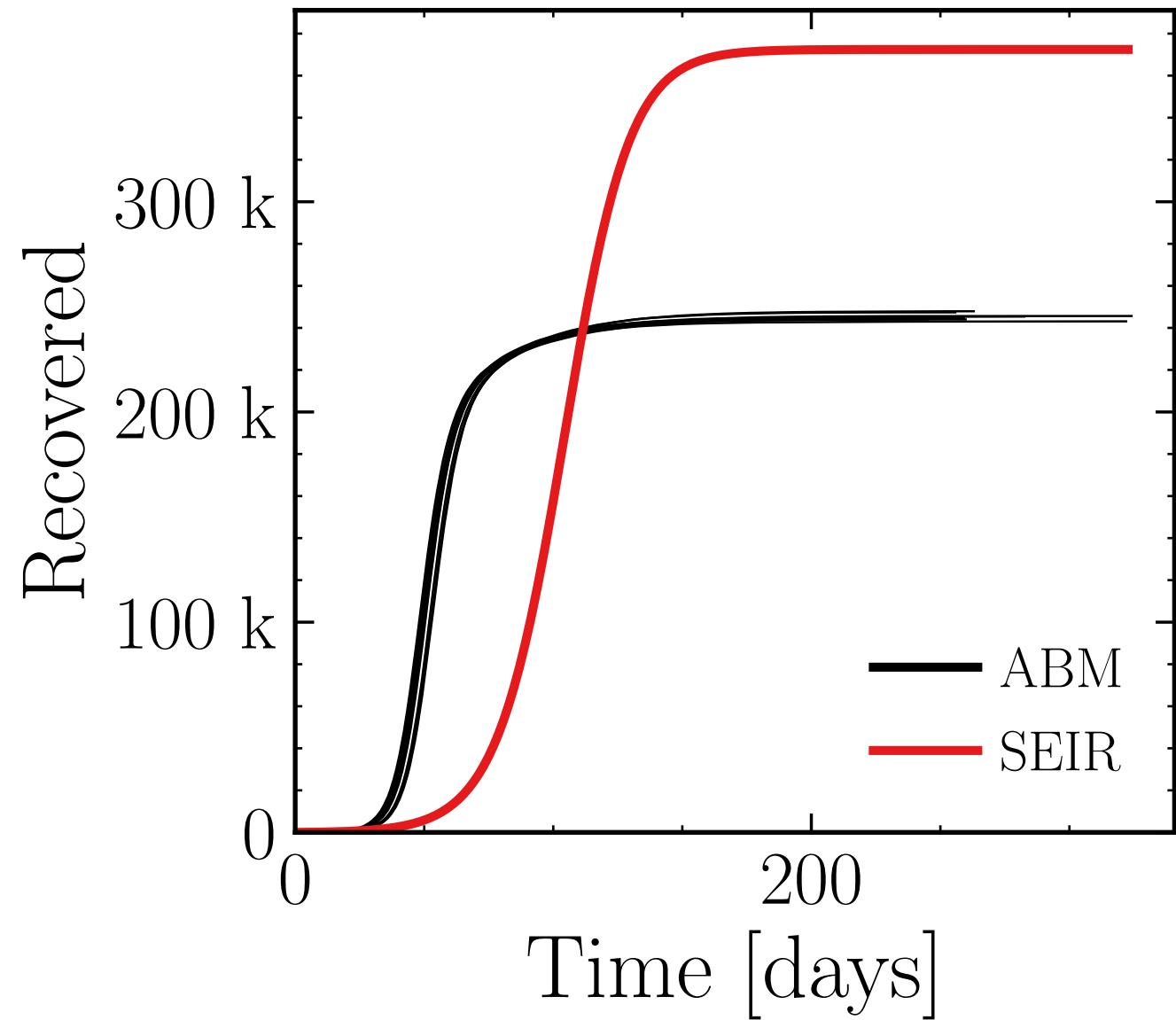
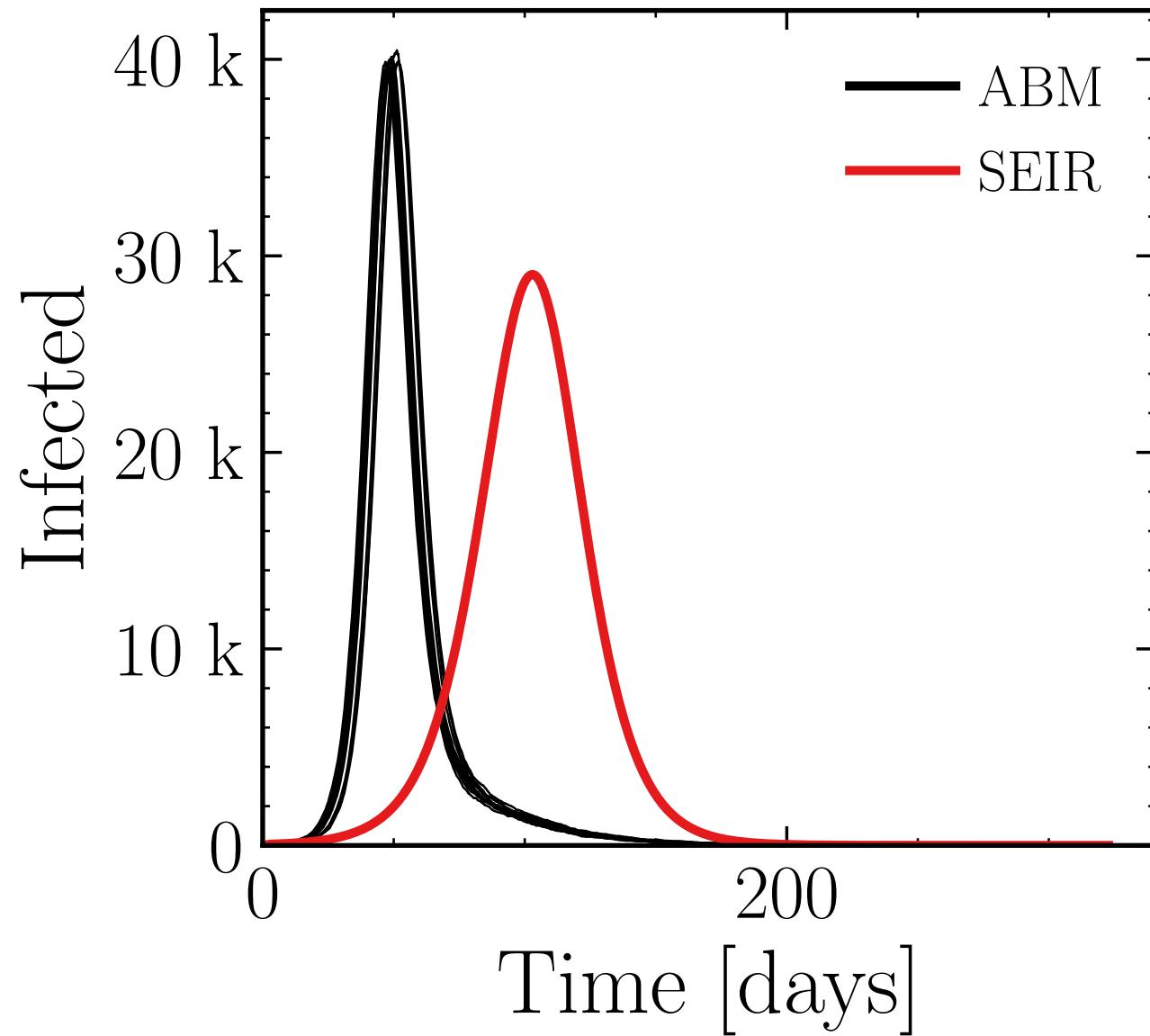
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (39.86 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = c4434faeb6, #10

$R_\infty^{\text{ABM}} = (245.2 \pm 0.18\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

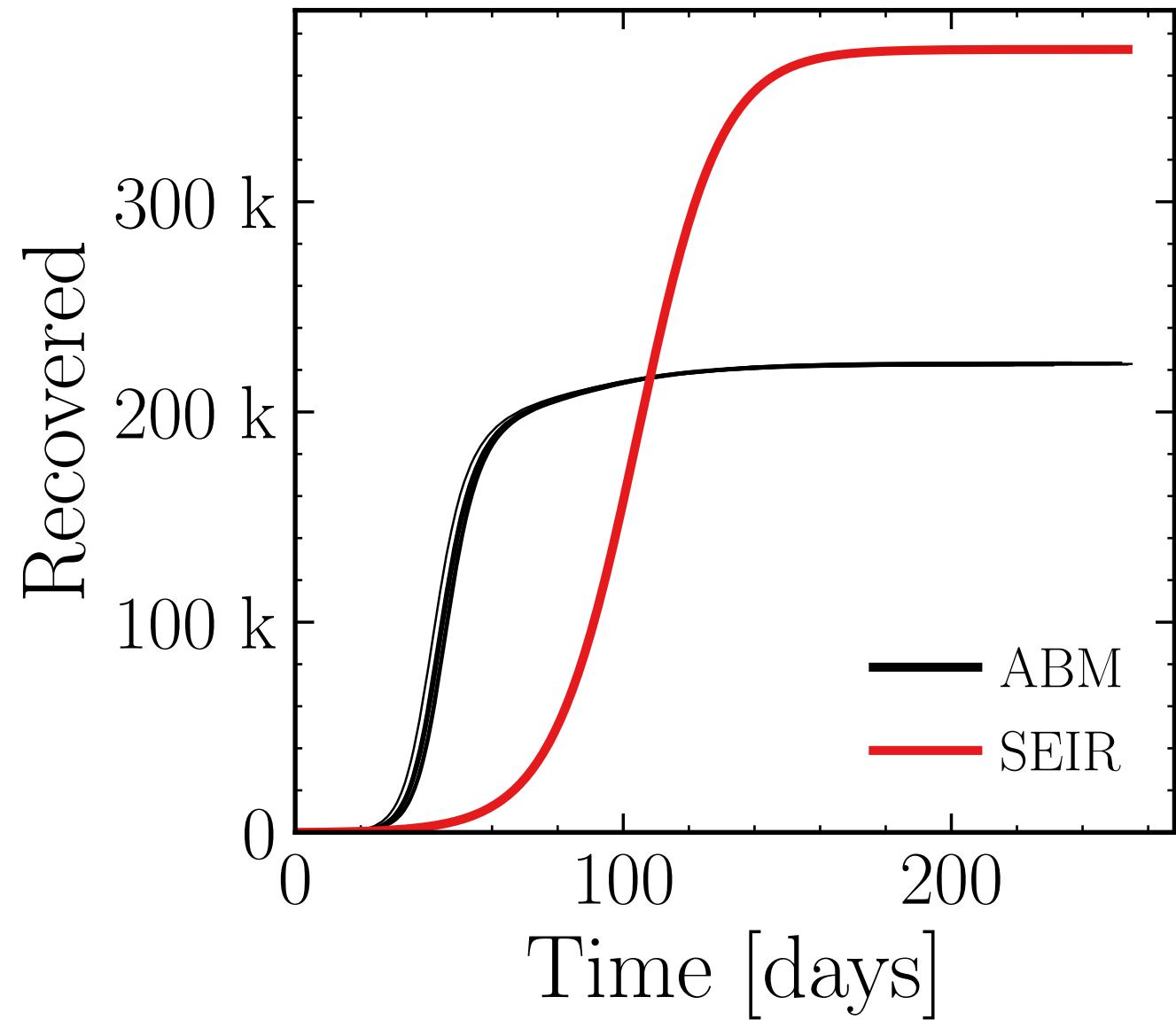
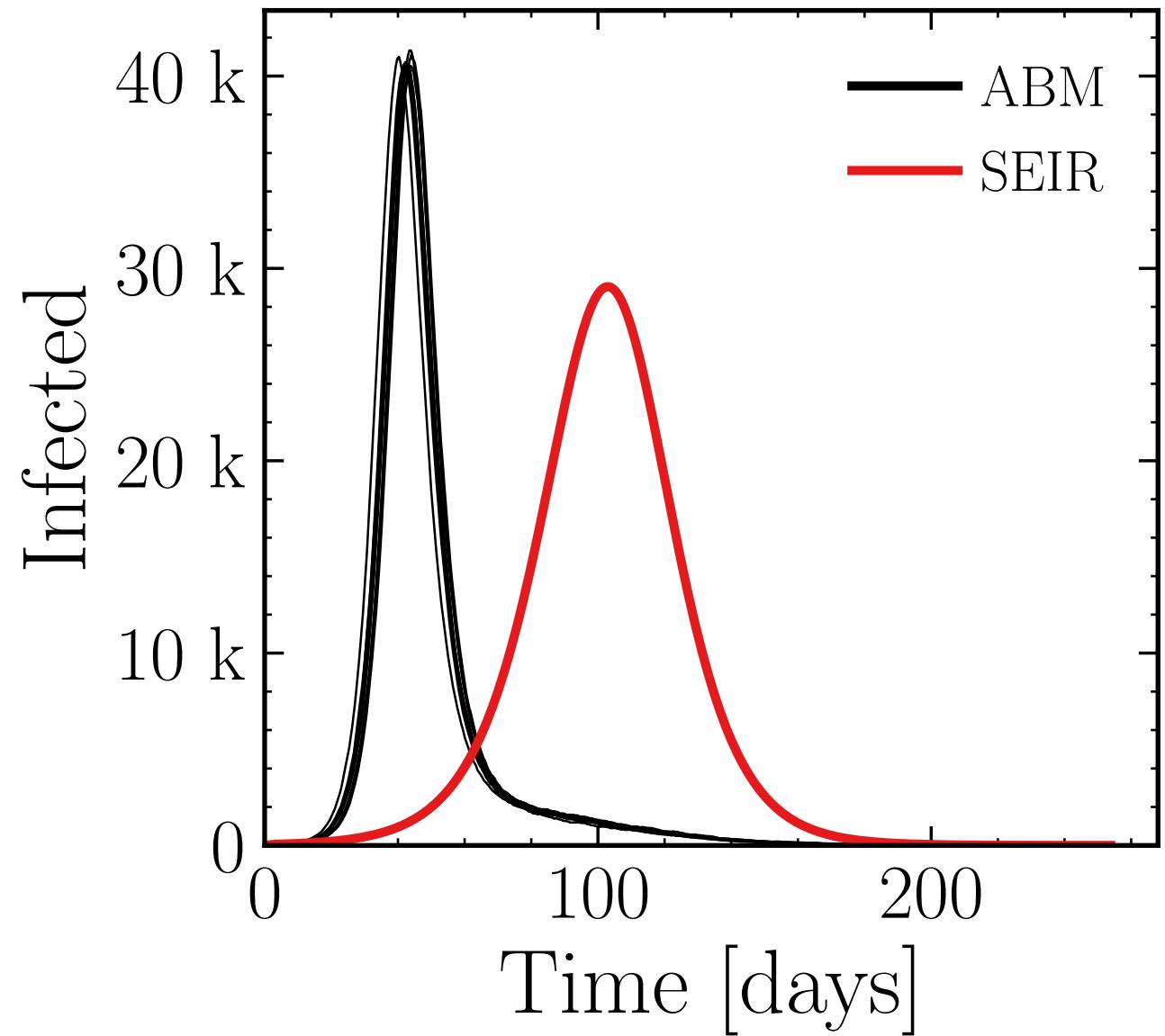
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.7 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = d0b5c89236, #10

$R_{\infty}^{\text{ABM}} = (222.7 \pm 0.068\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

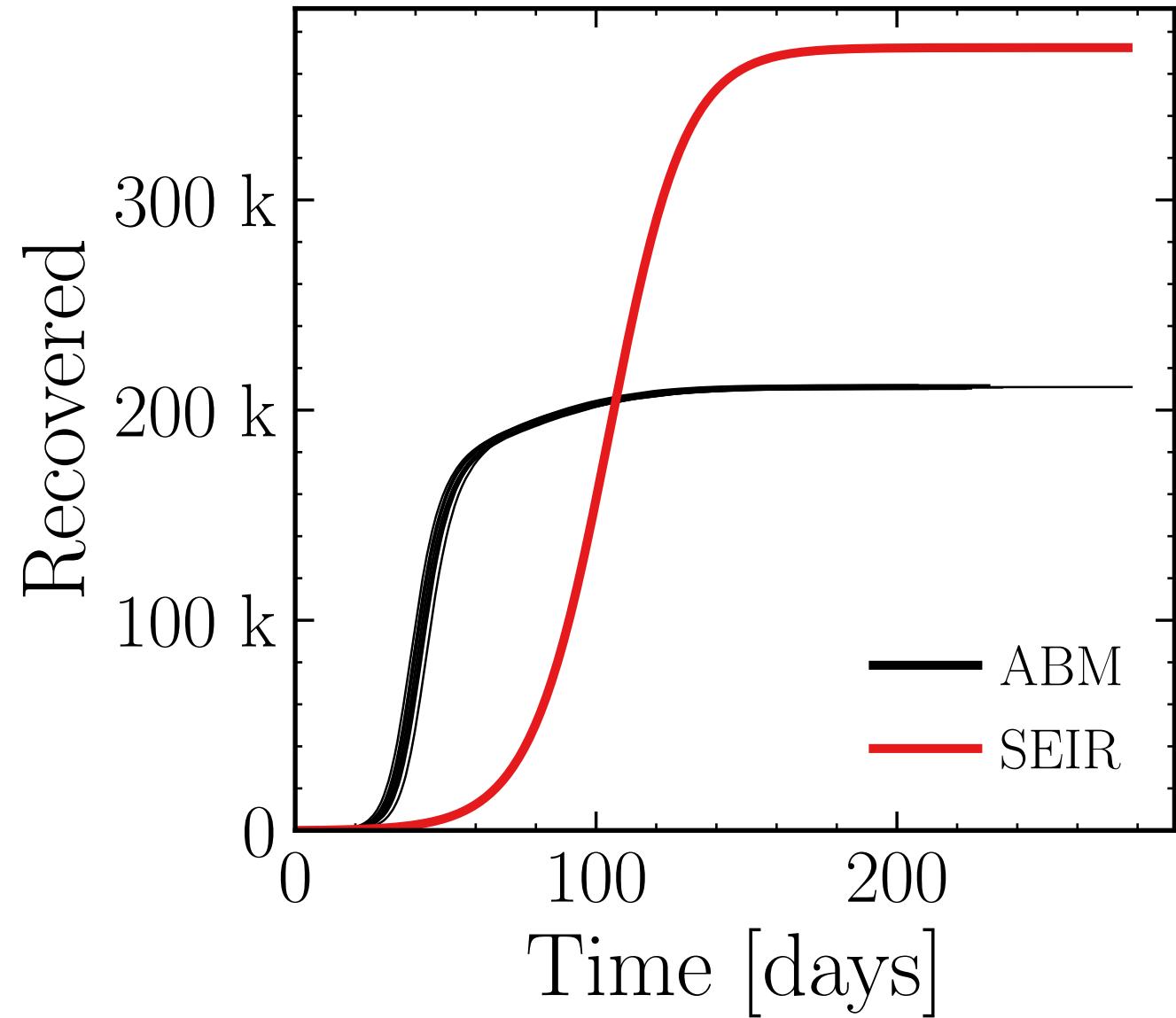
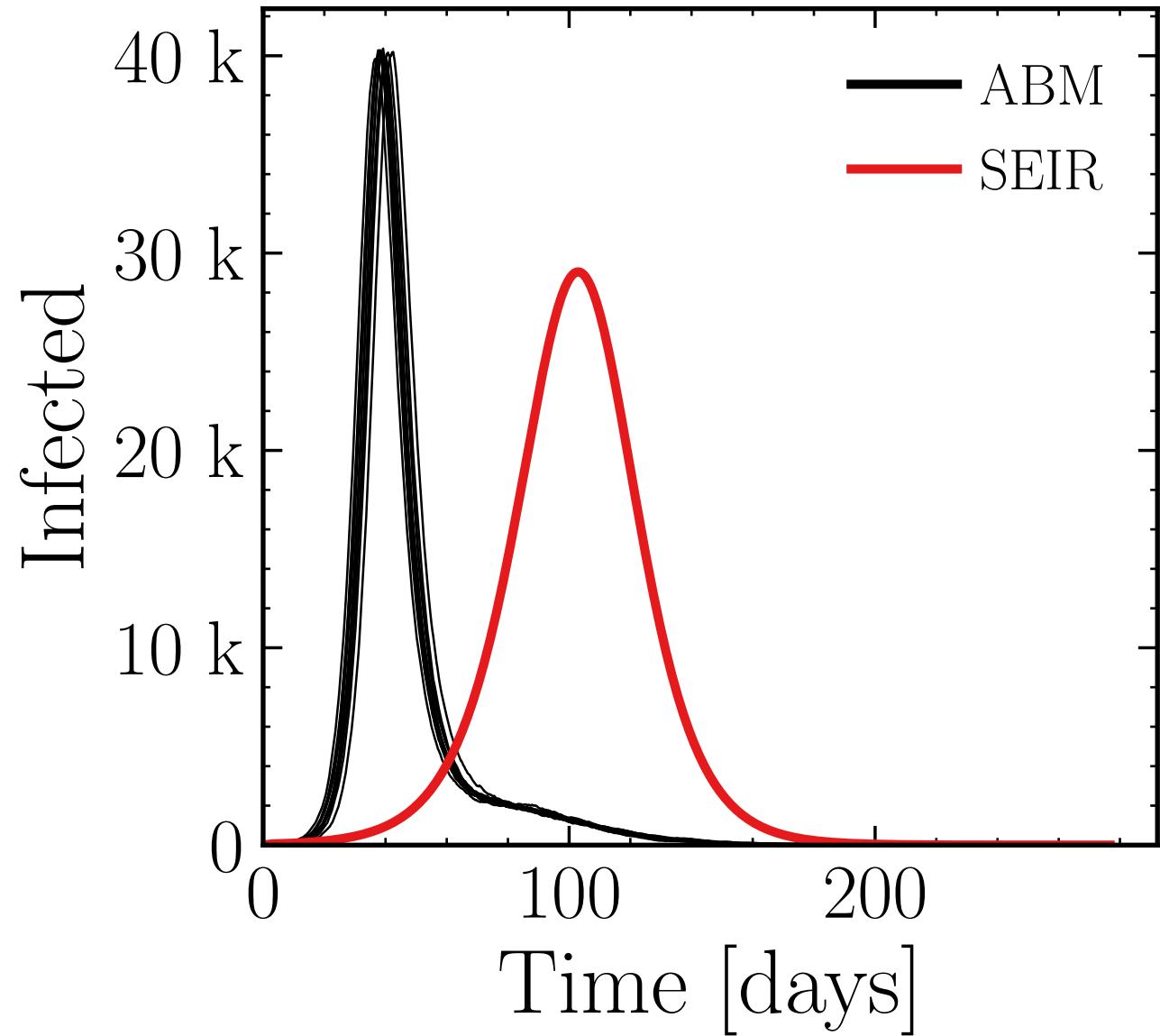
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.08 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = a13153a87d, #10

$R_{\infty}^{\text{ABM}} = (210.8 \pm 0.093\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

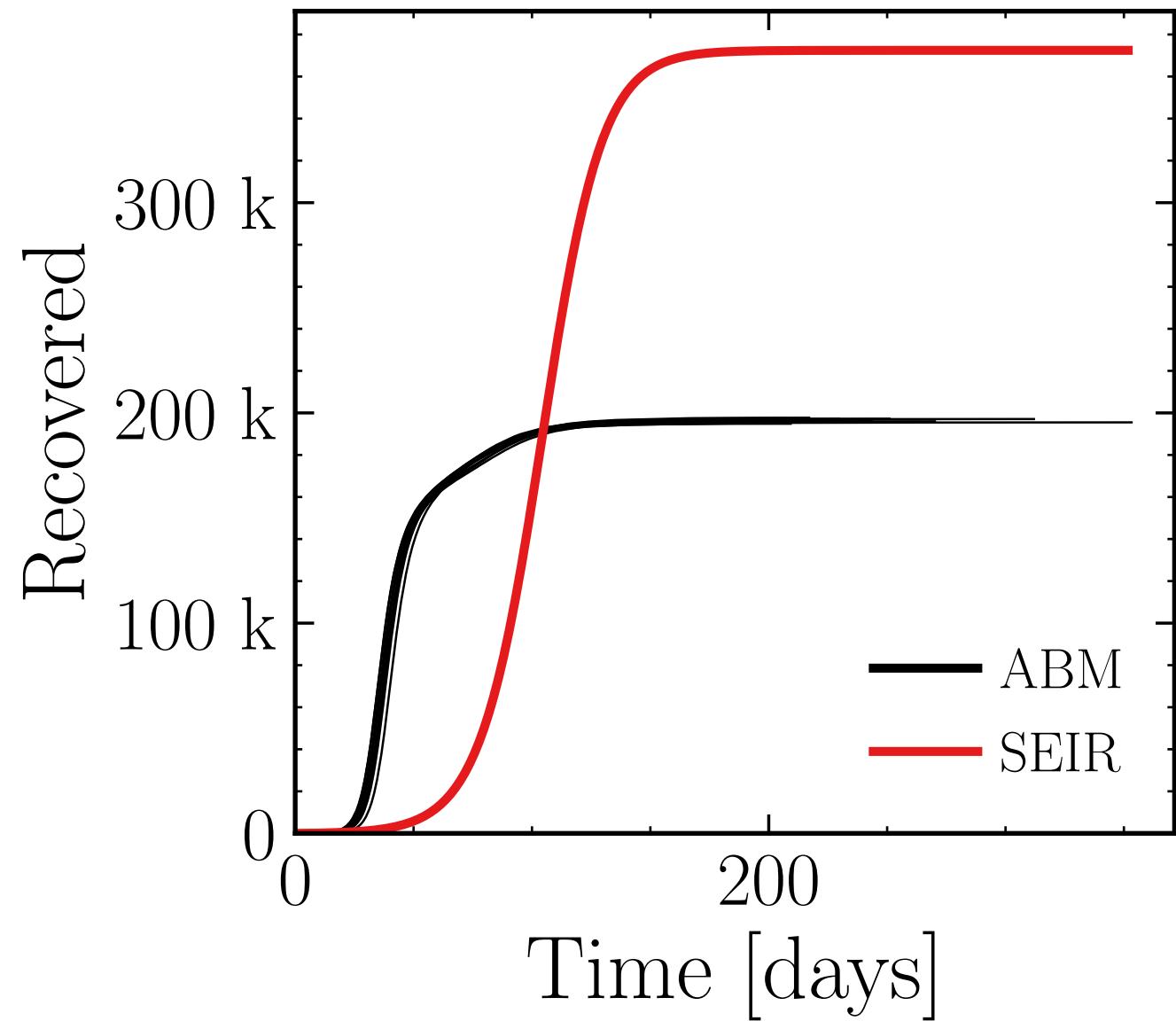
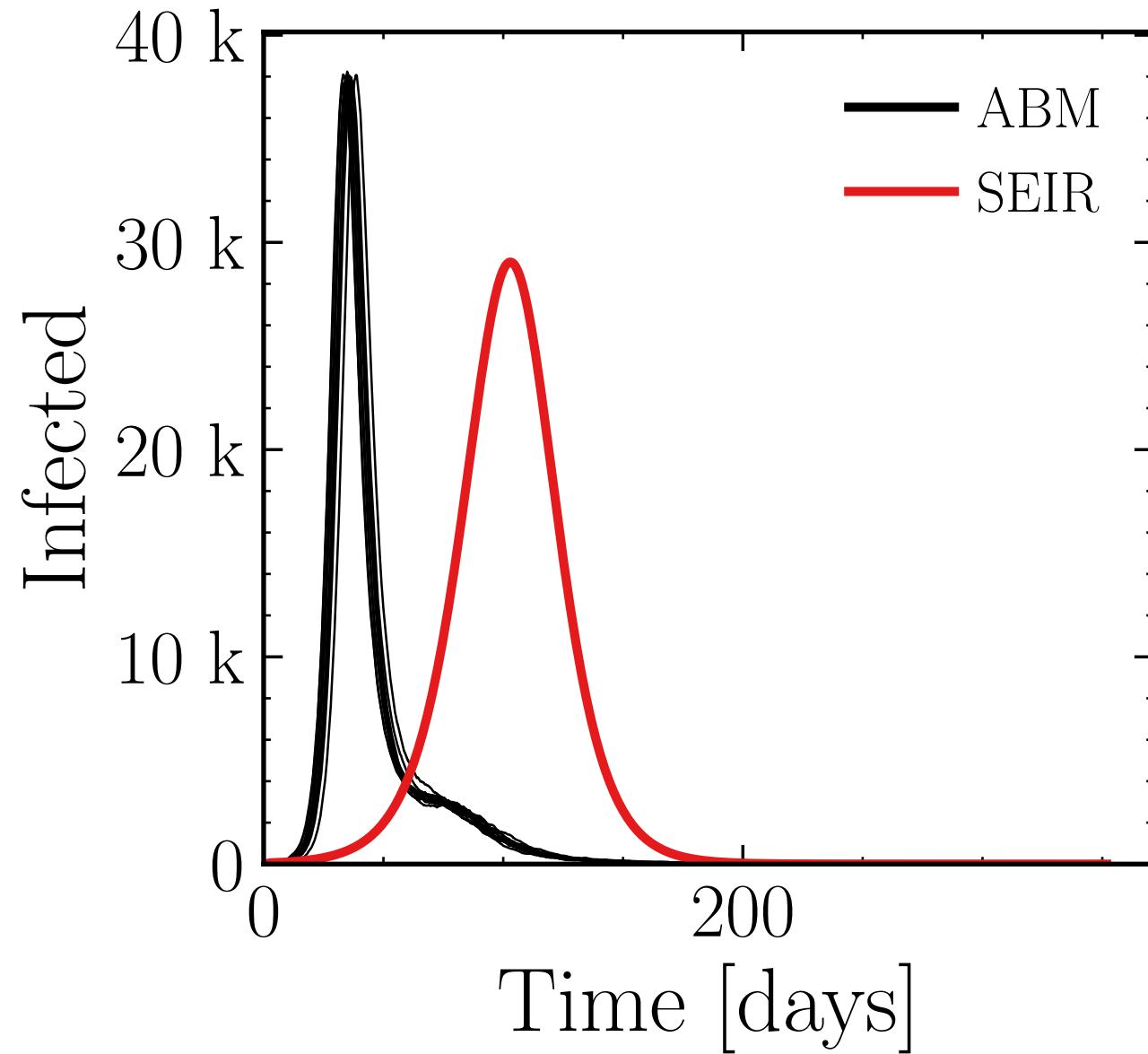
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (37.96 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 6f0ea4e17f, #10

$R_\infty^{\text{ABM}} = (196.6 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

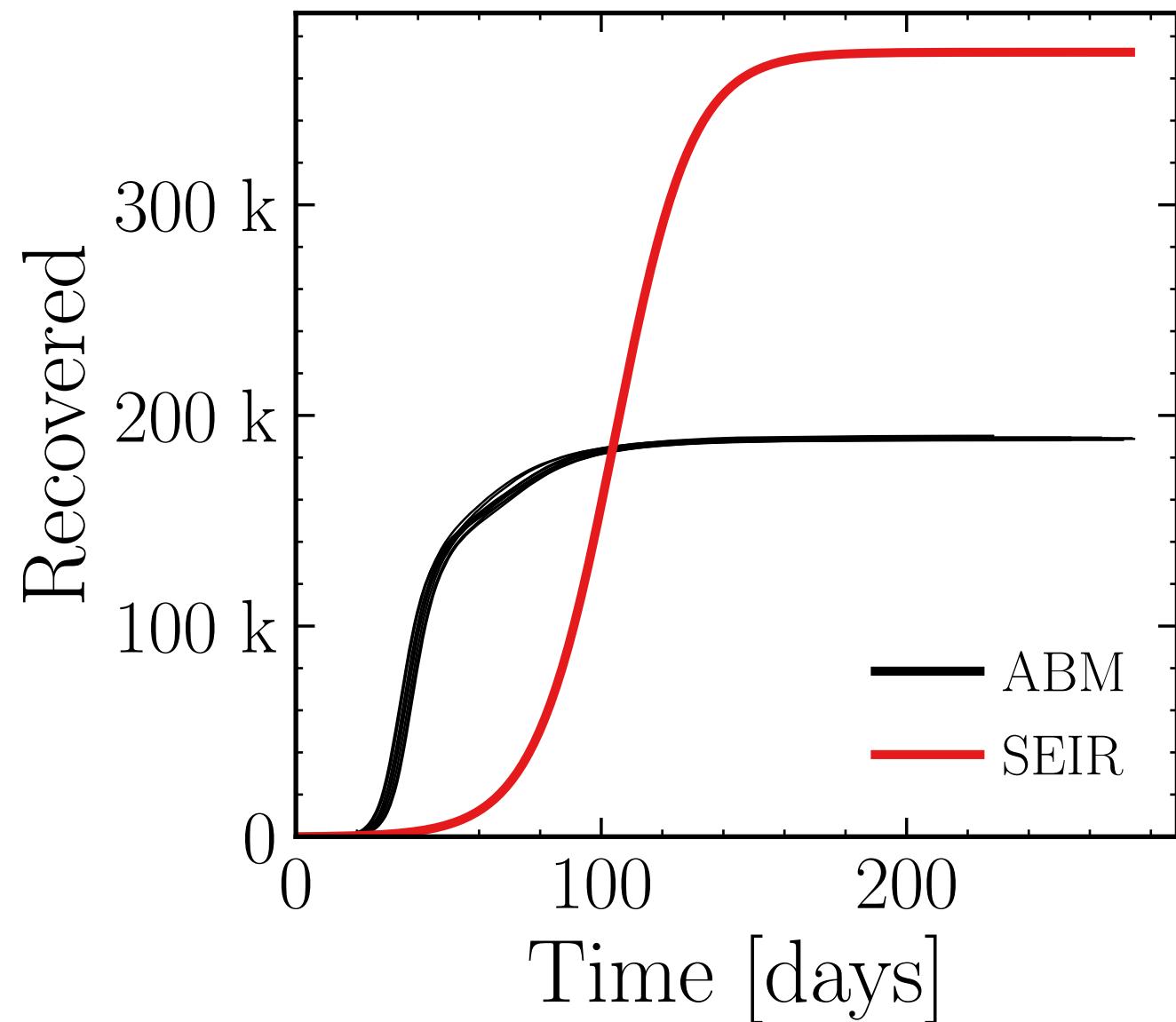
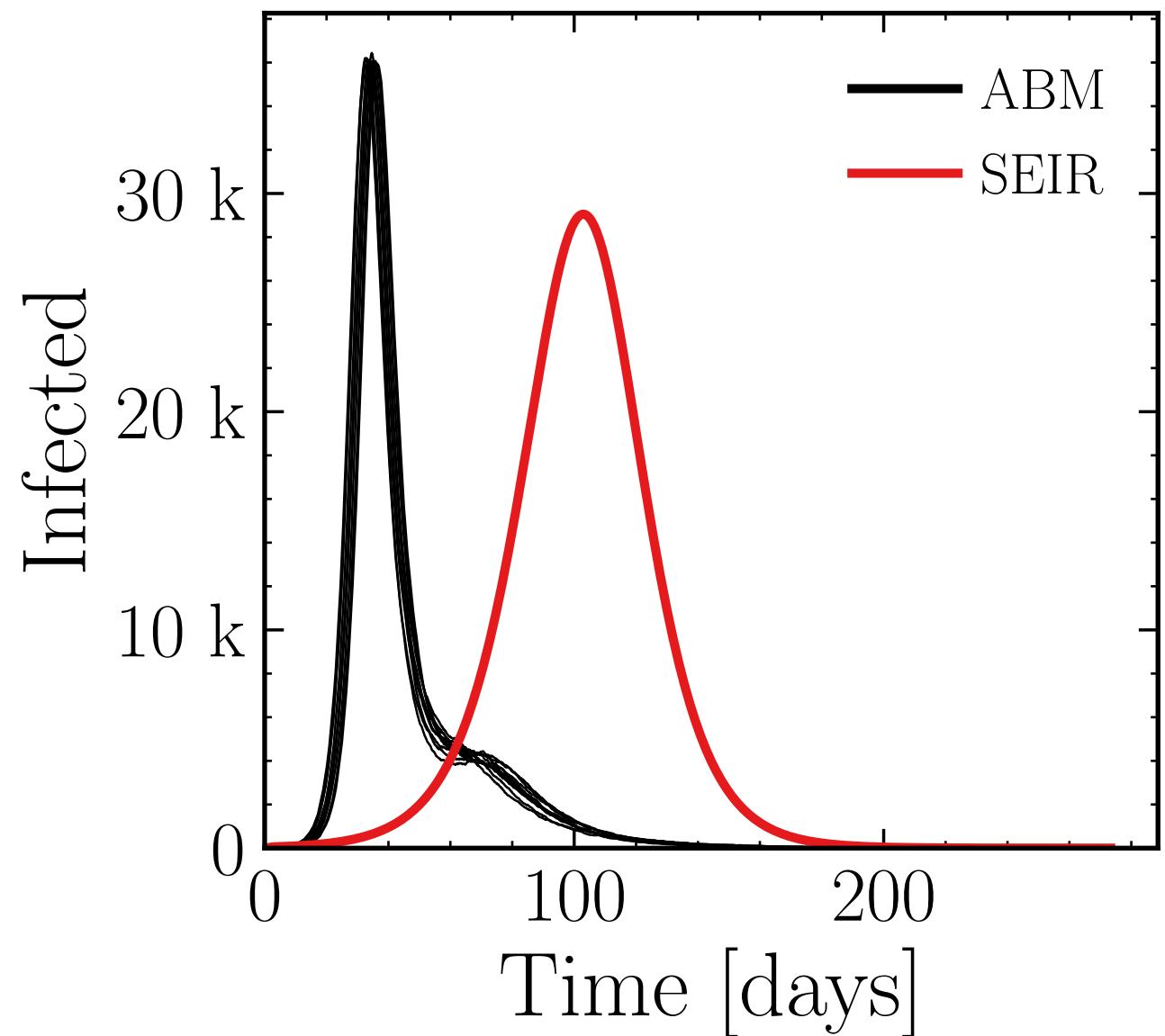
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (36.1 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = d5f8c651b1, #10

$R_{\infty}^{\text{ABM}} = (189.1 \pm 0.099\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

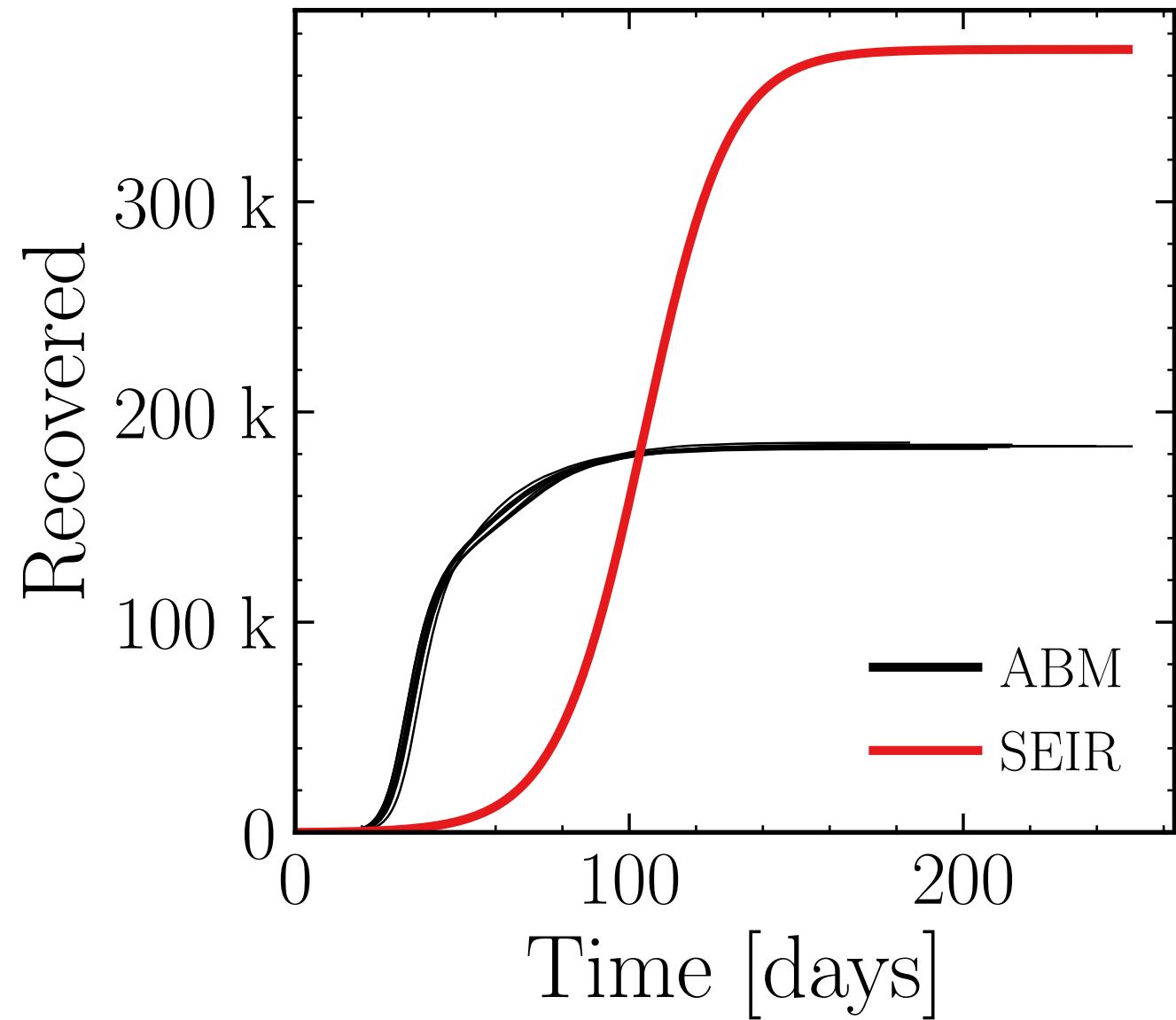
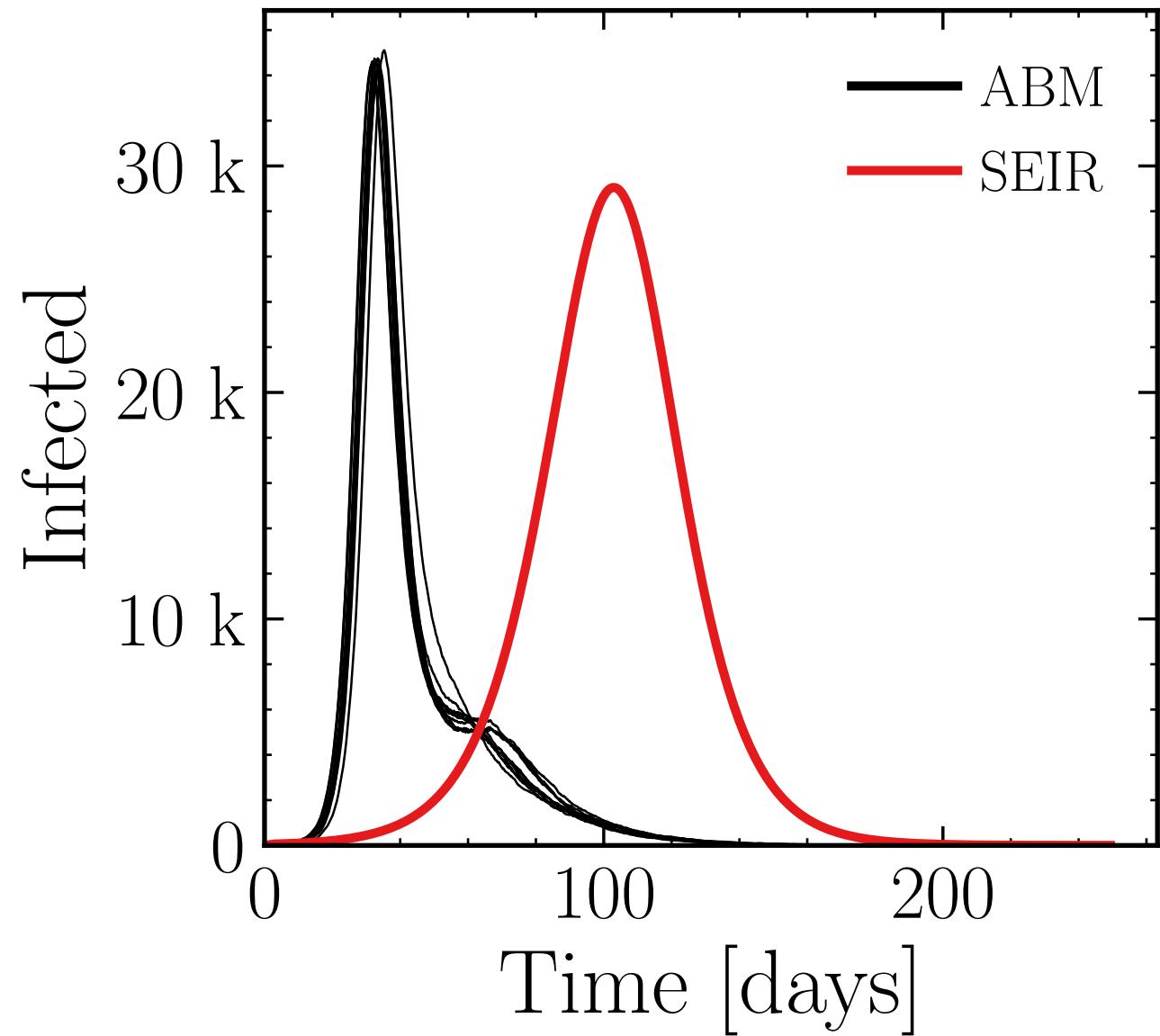
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (34.57 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 408462e9bb, #10

$R_\infty^{\text{ABM}} = (183.8 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

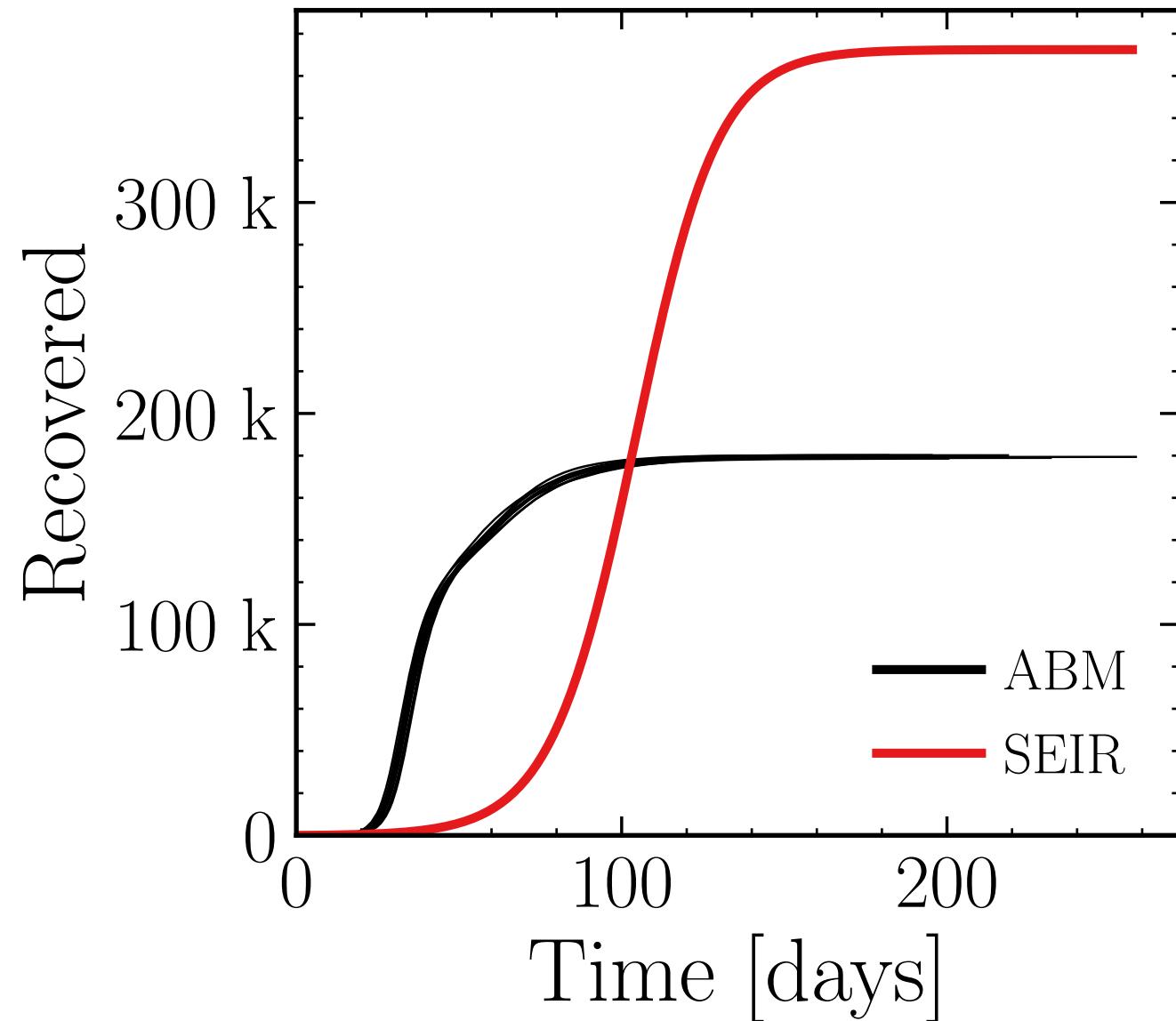
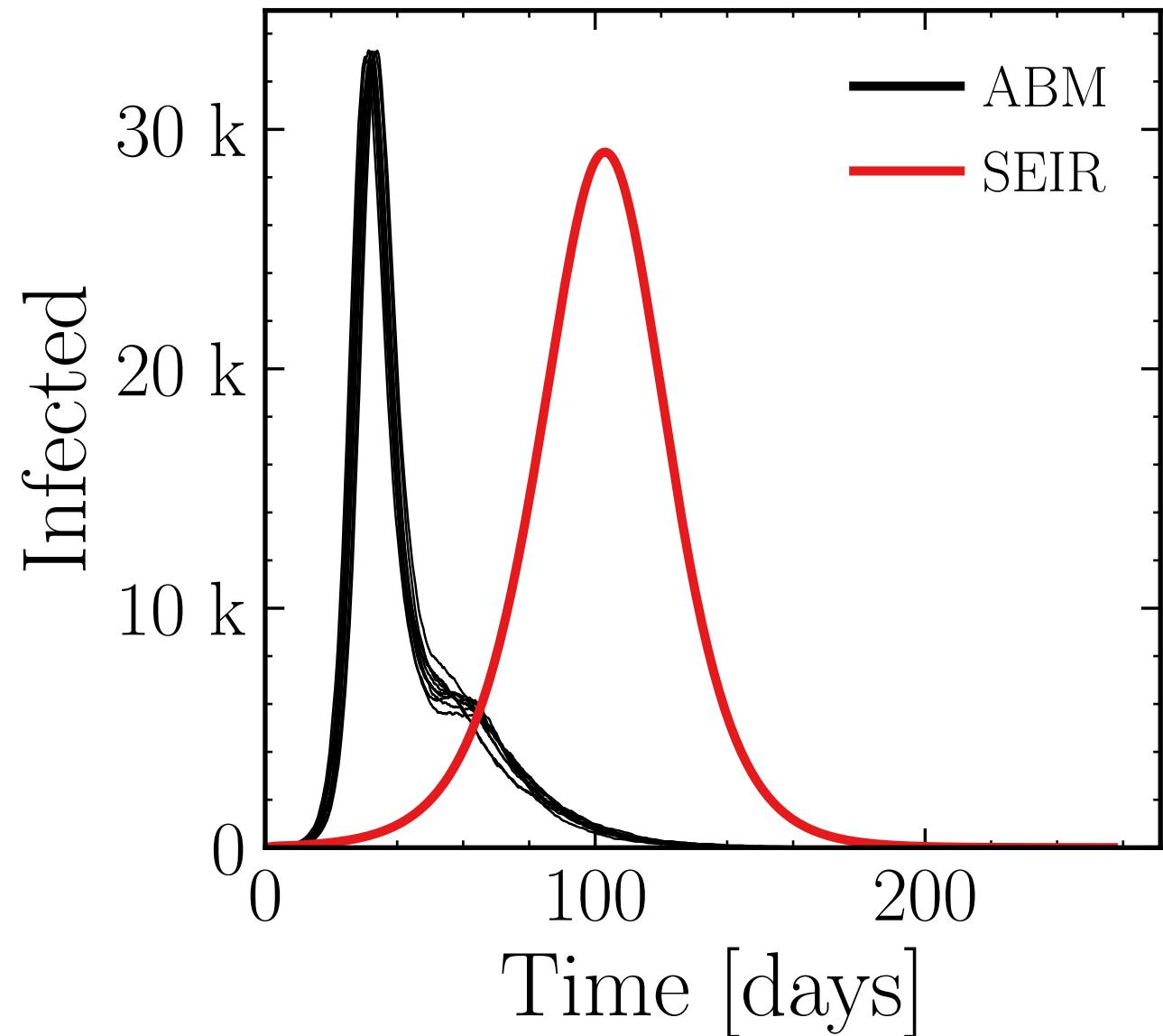
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33.08 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = f78b01f7ba, #10

$R_\infty^{\text{ABM}} = (179.4 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

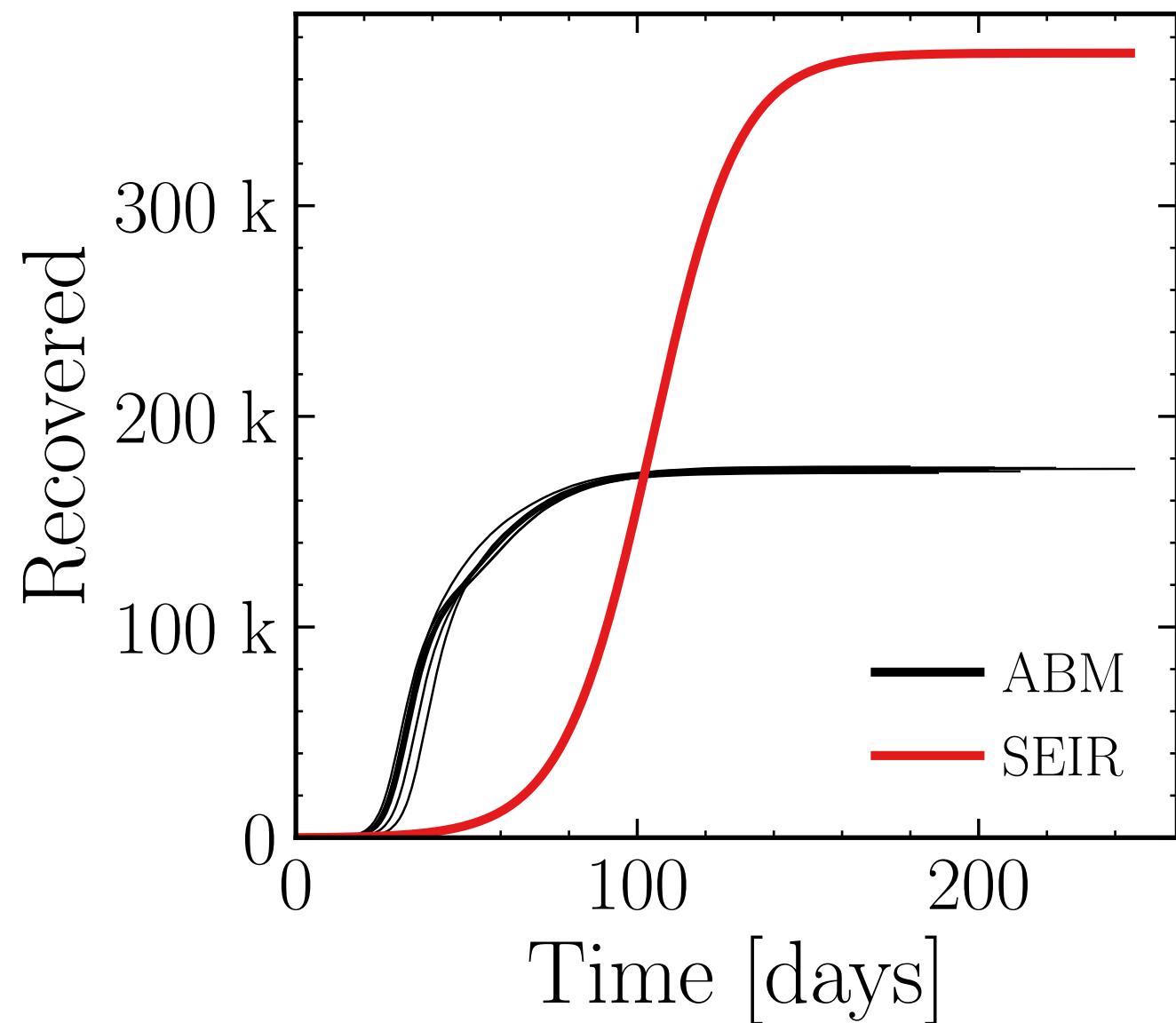
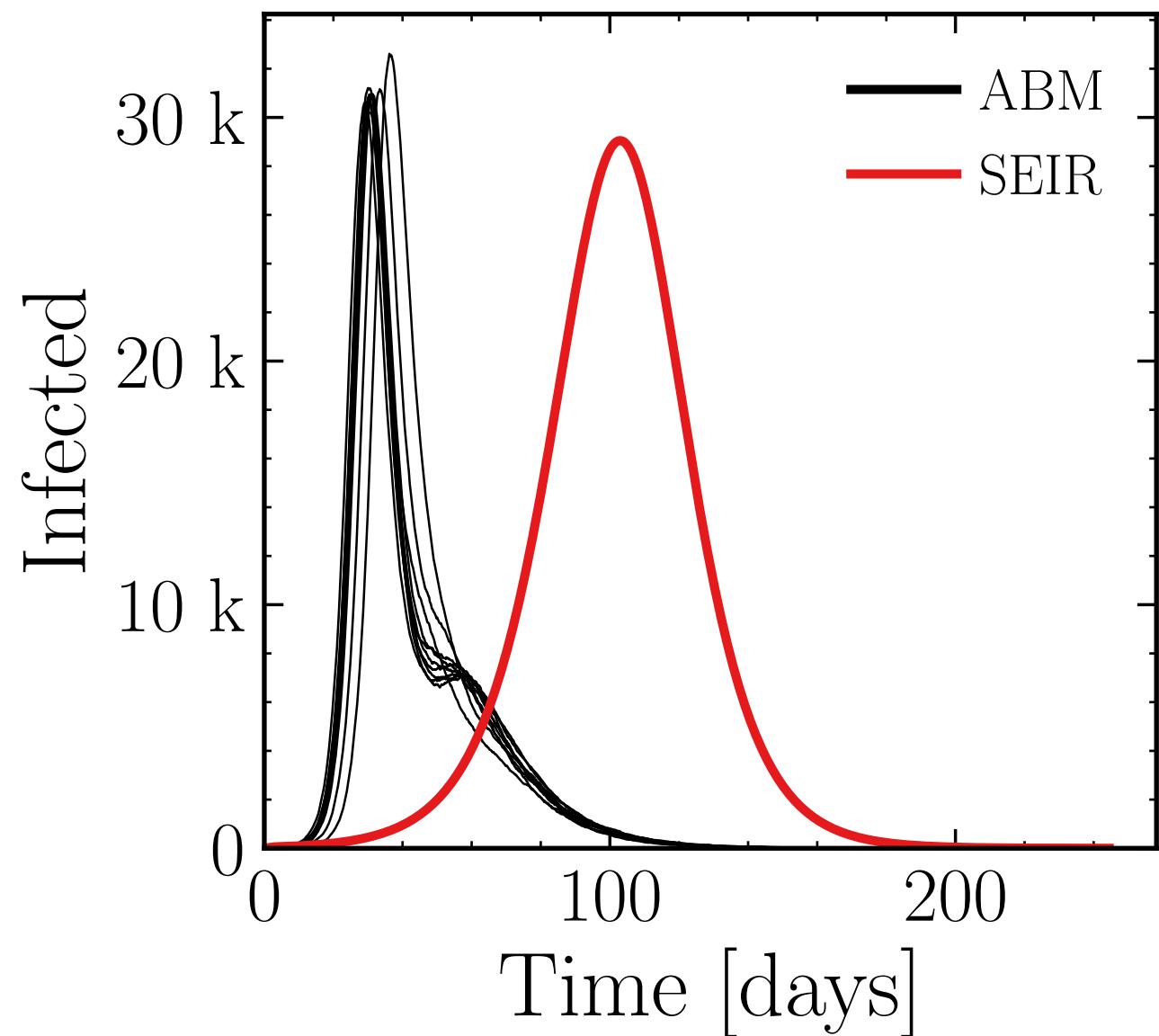
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (31 \pm 0.61\%) \cdot 10^3$

v. = 1.0, hash = da9baaeb4f, #10

$R_\infty^{\text{ABM}} = (174.6 \pm 0.16\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

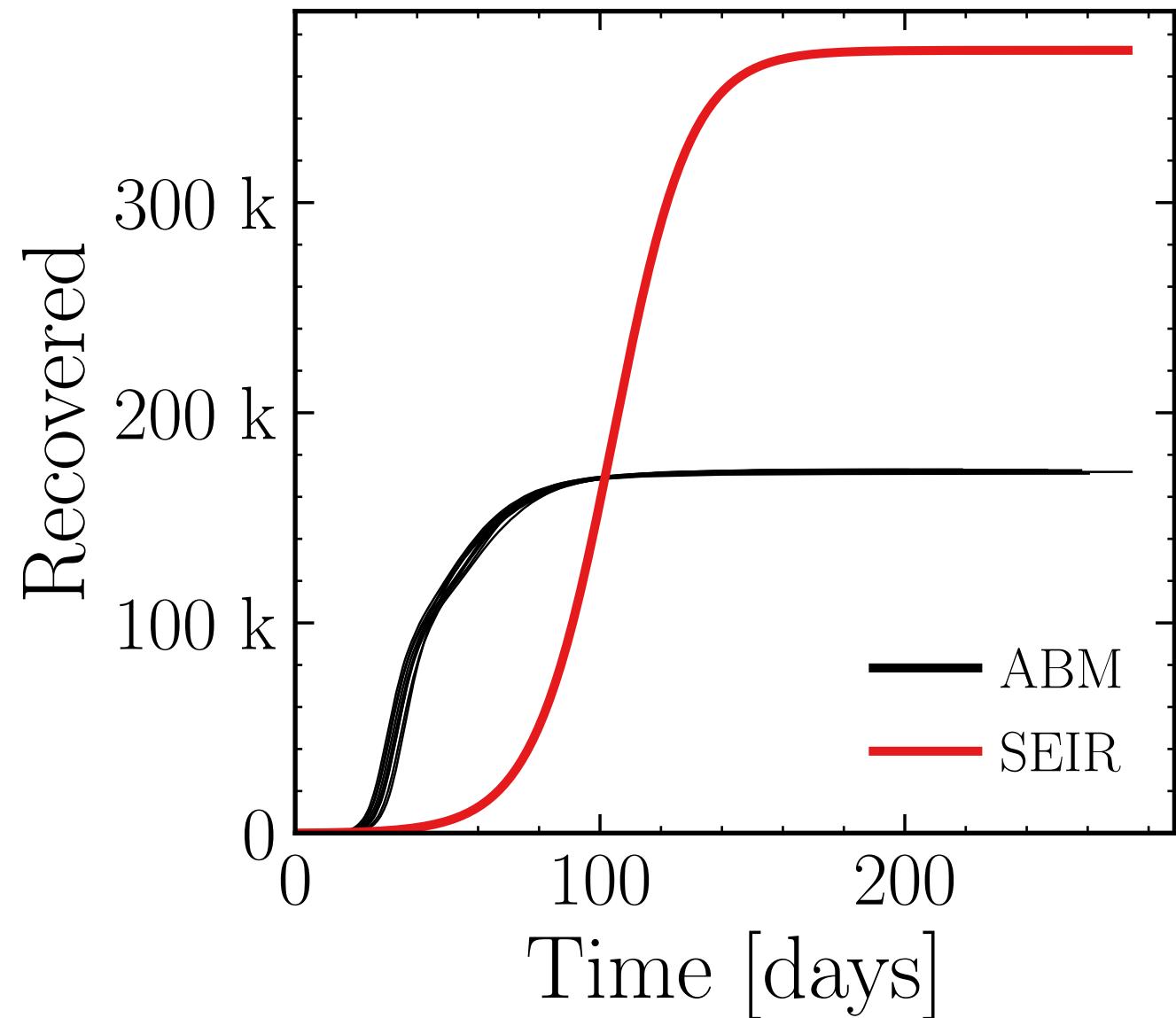
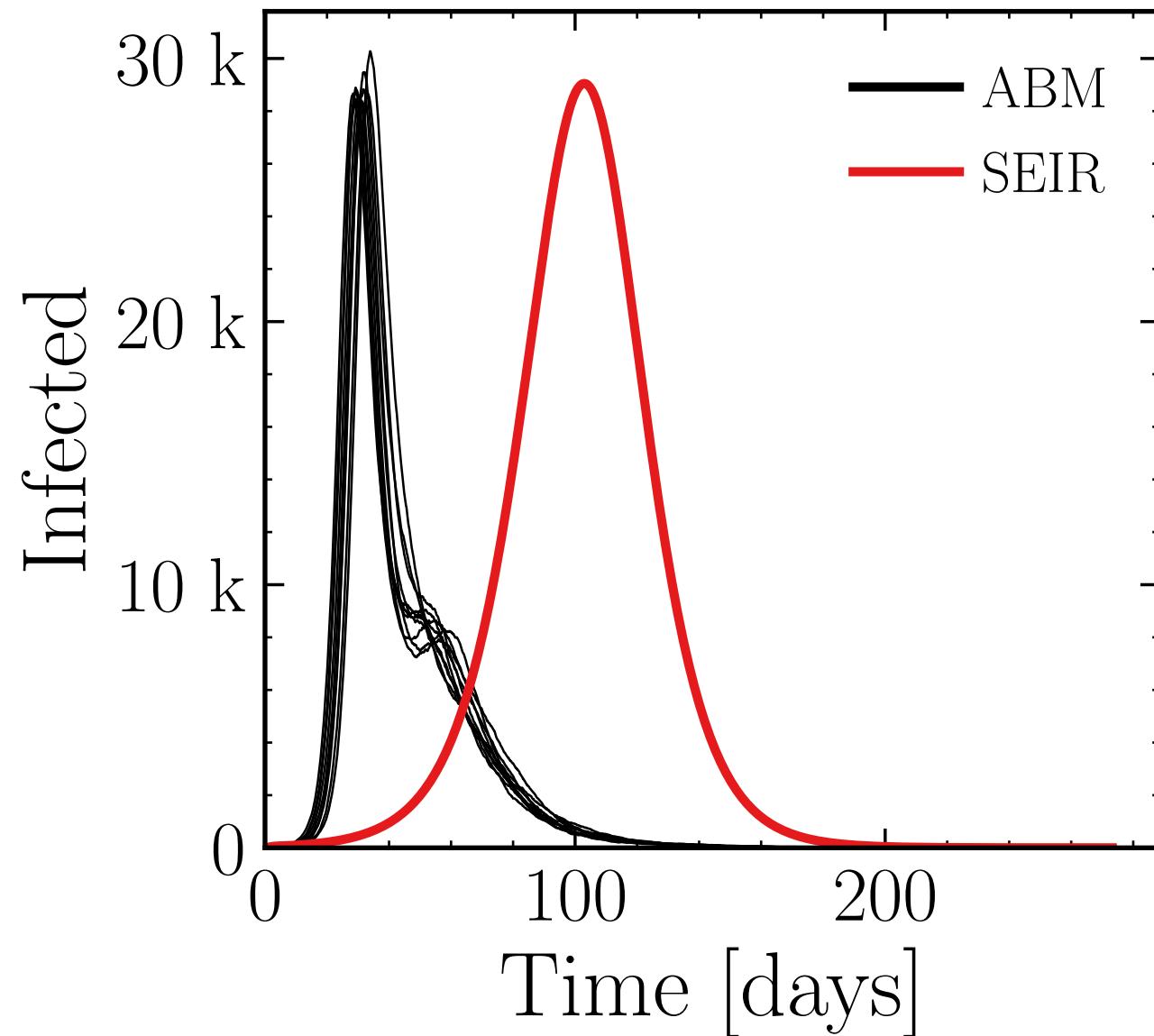
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (28.9 \pm 0.6\%) \cdot 10^3$

v. = 1.0, hash = ed4781ebf2, #10

$R_{\infty}^{\text{ABM}} = (172.4 \pm 0.11\%) \cdot 10^3$



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

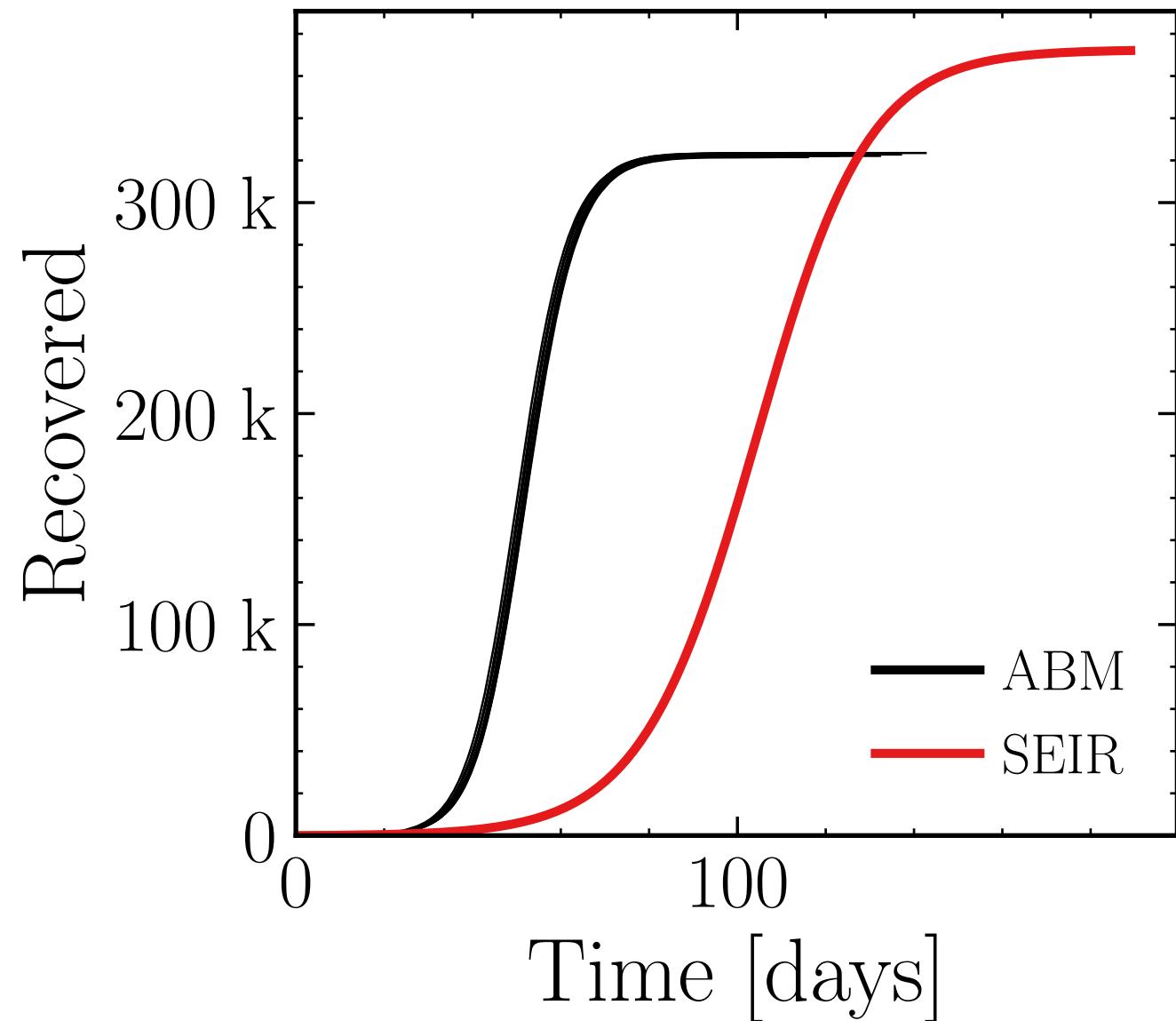
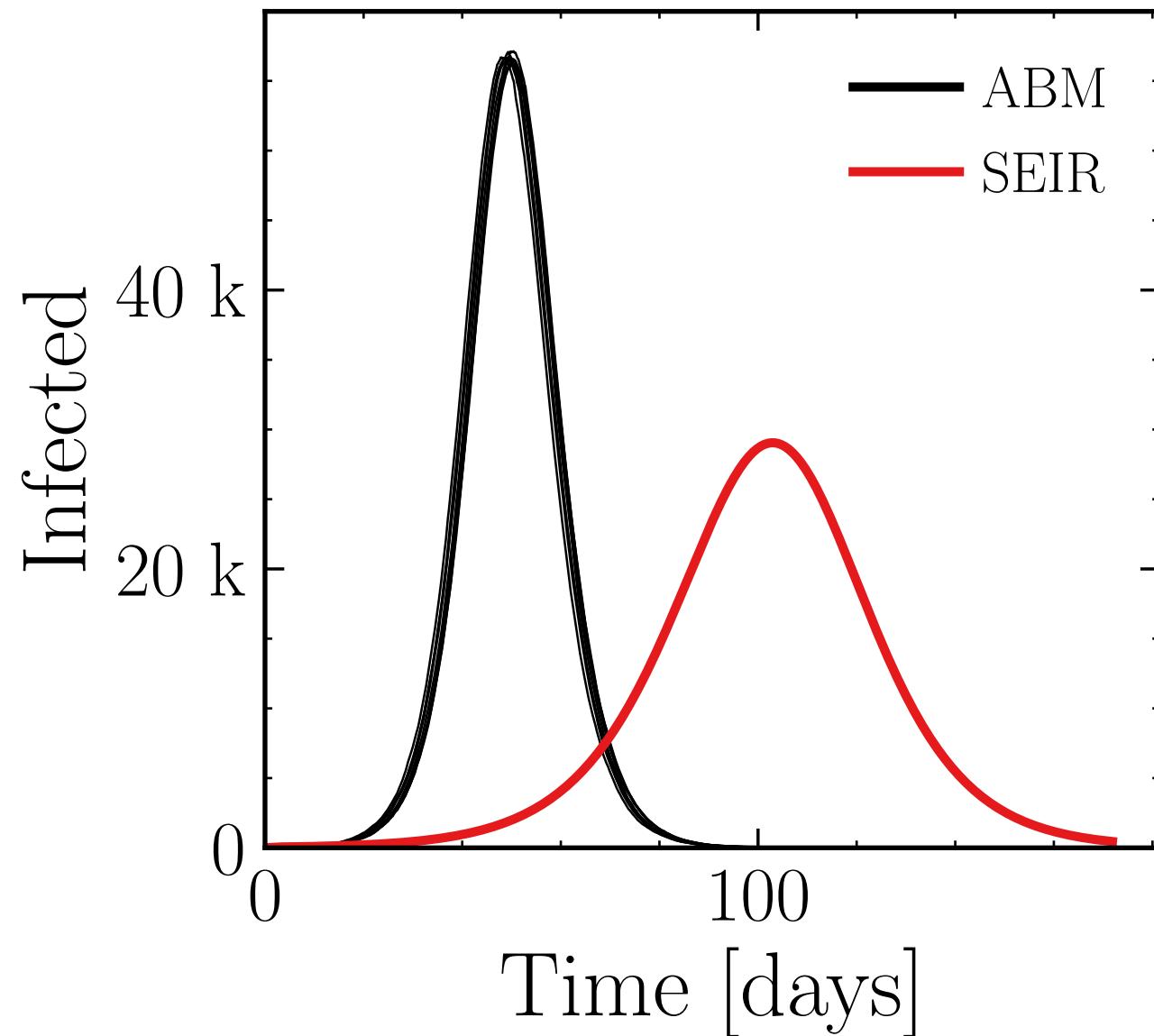
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (56.62 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = fa8d8e9b22, #10

$R_{\infty}^{\text{ABM}} = (322.8 \pm 0.065\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

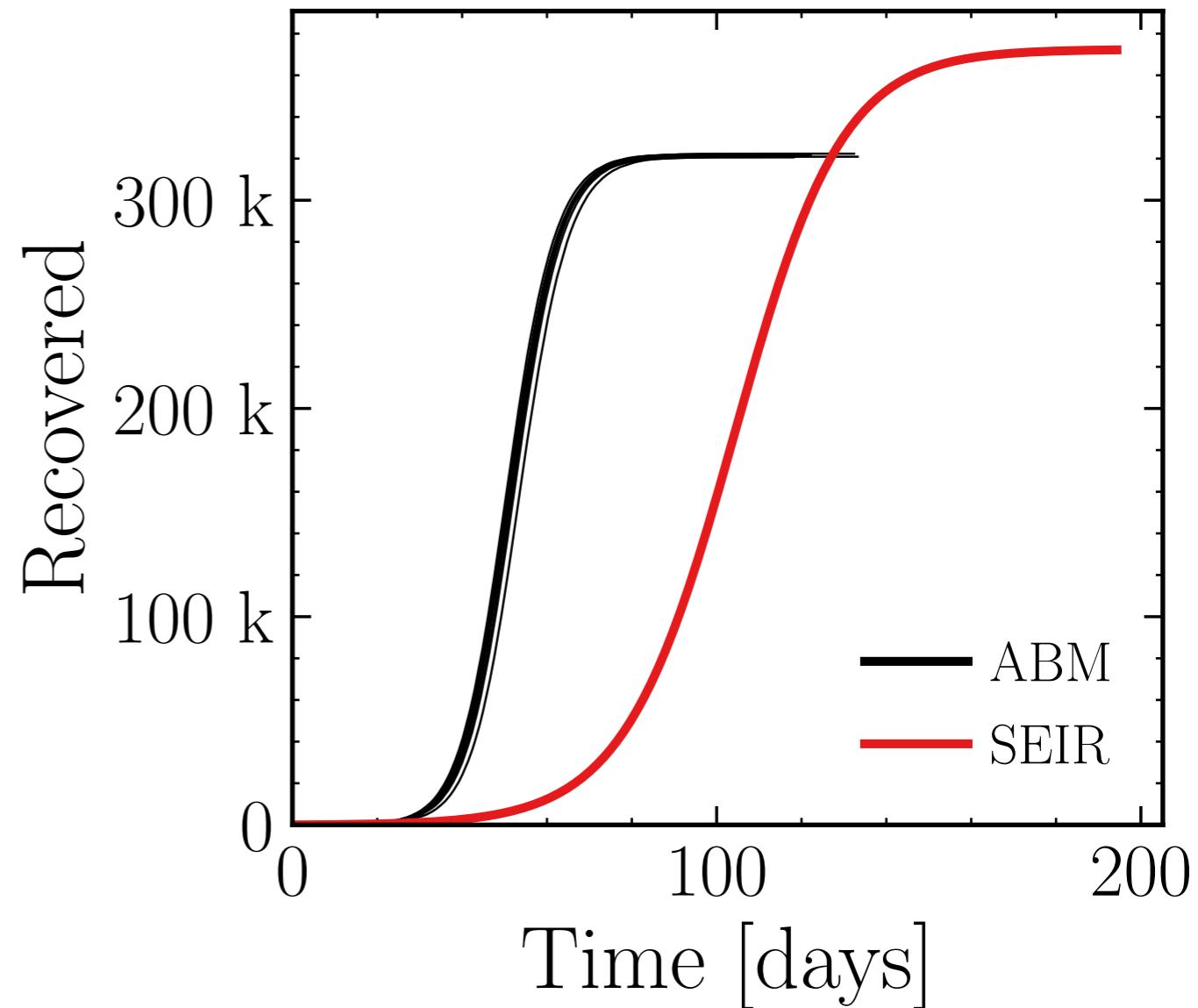
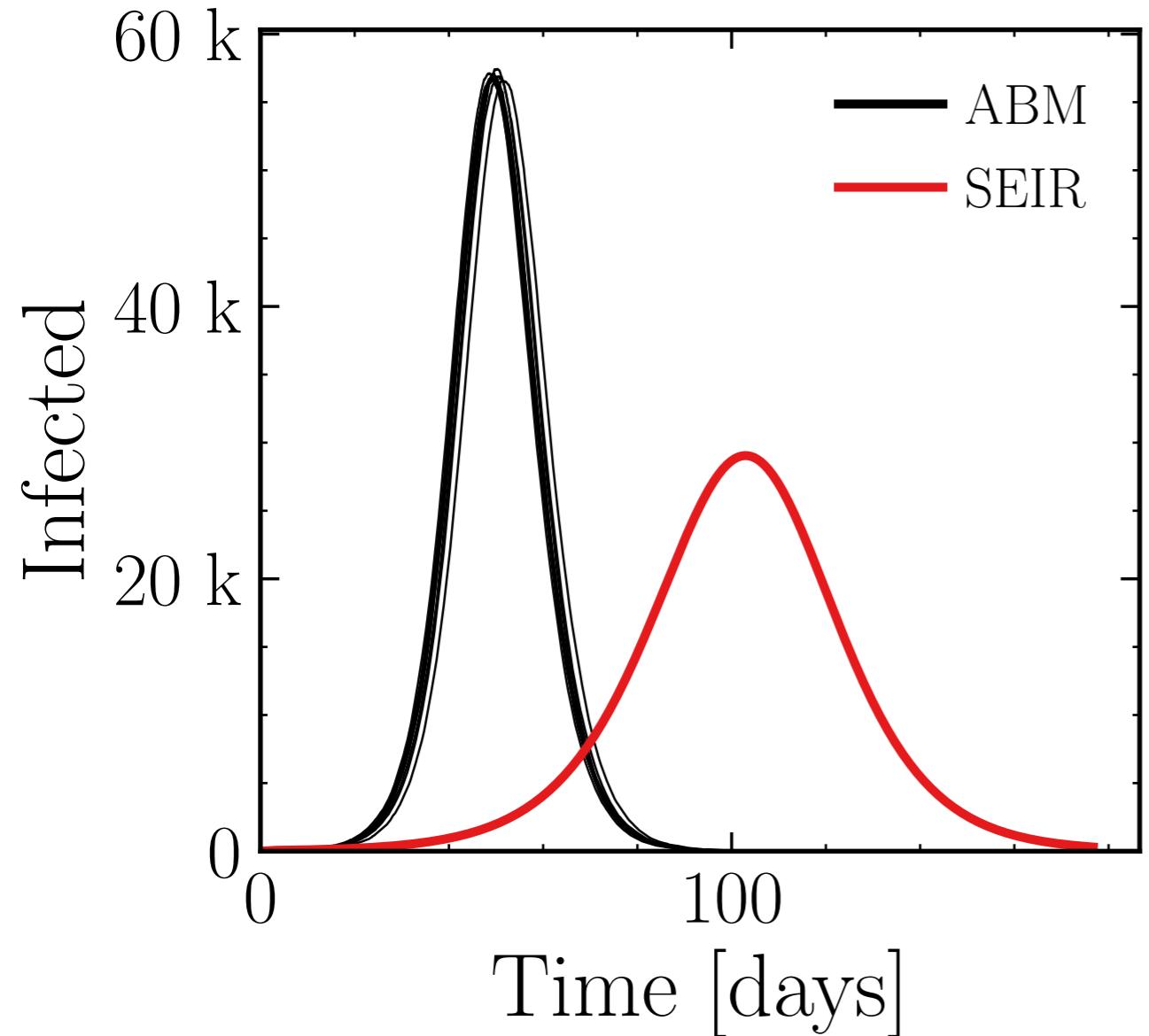
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (56.91 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 179ffd9360, #10

$R_{\infty}^{\text{ABM}} = (321.5 \pm 0.057\%) \cdot 10^3$



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

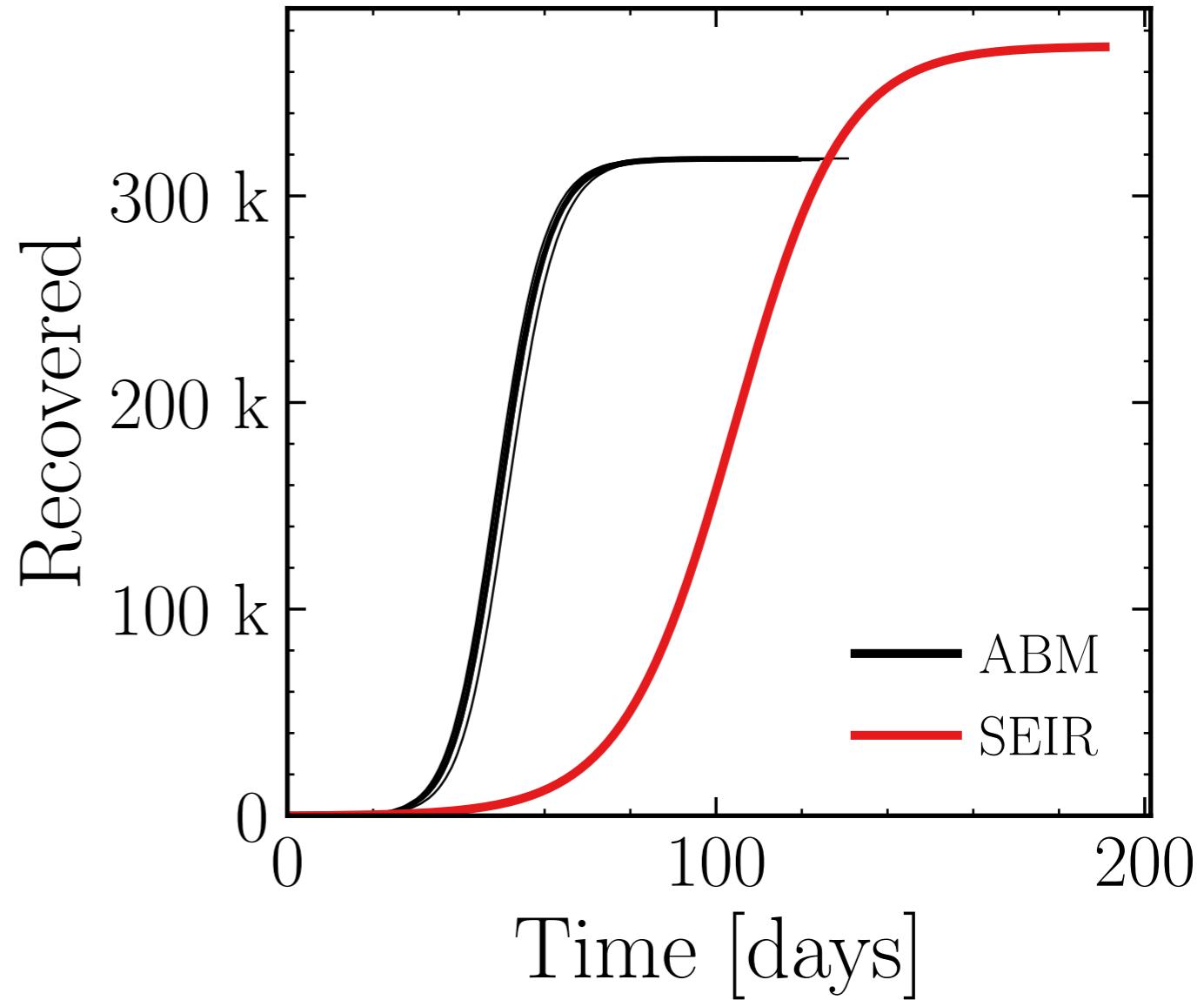
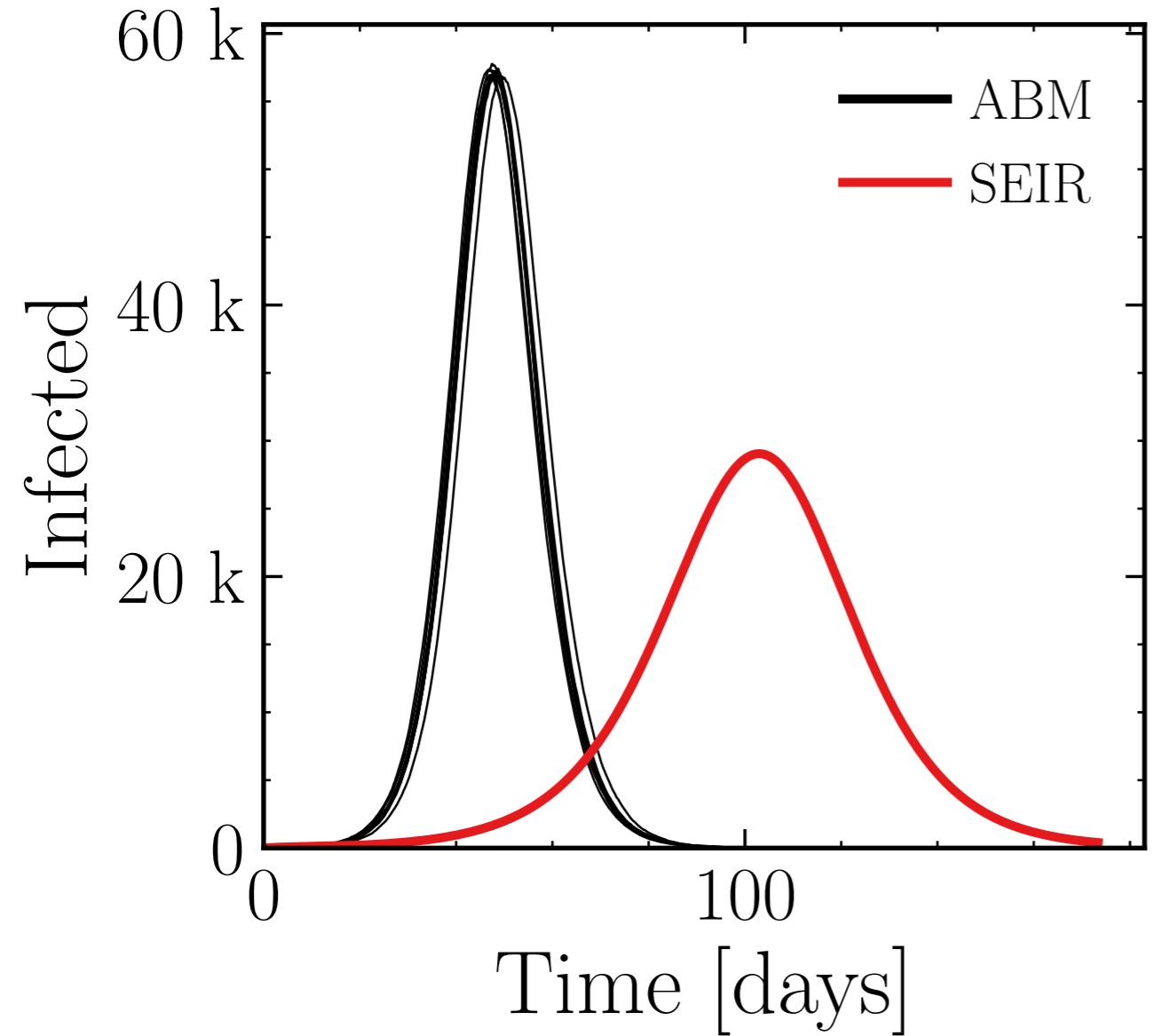
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (57.13 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 7d815055cb, #10

$R_\infty^{\text{ABM}} = (317.9 \pm 0.058\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

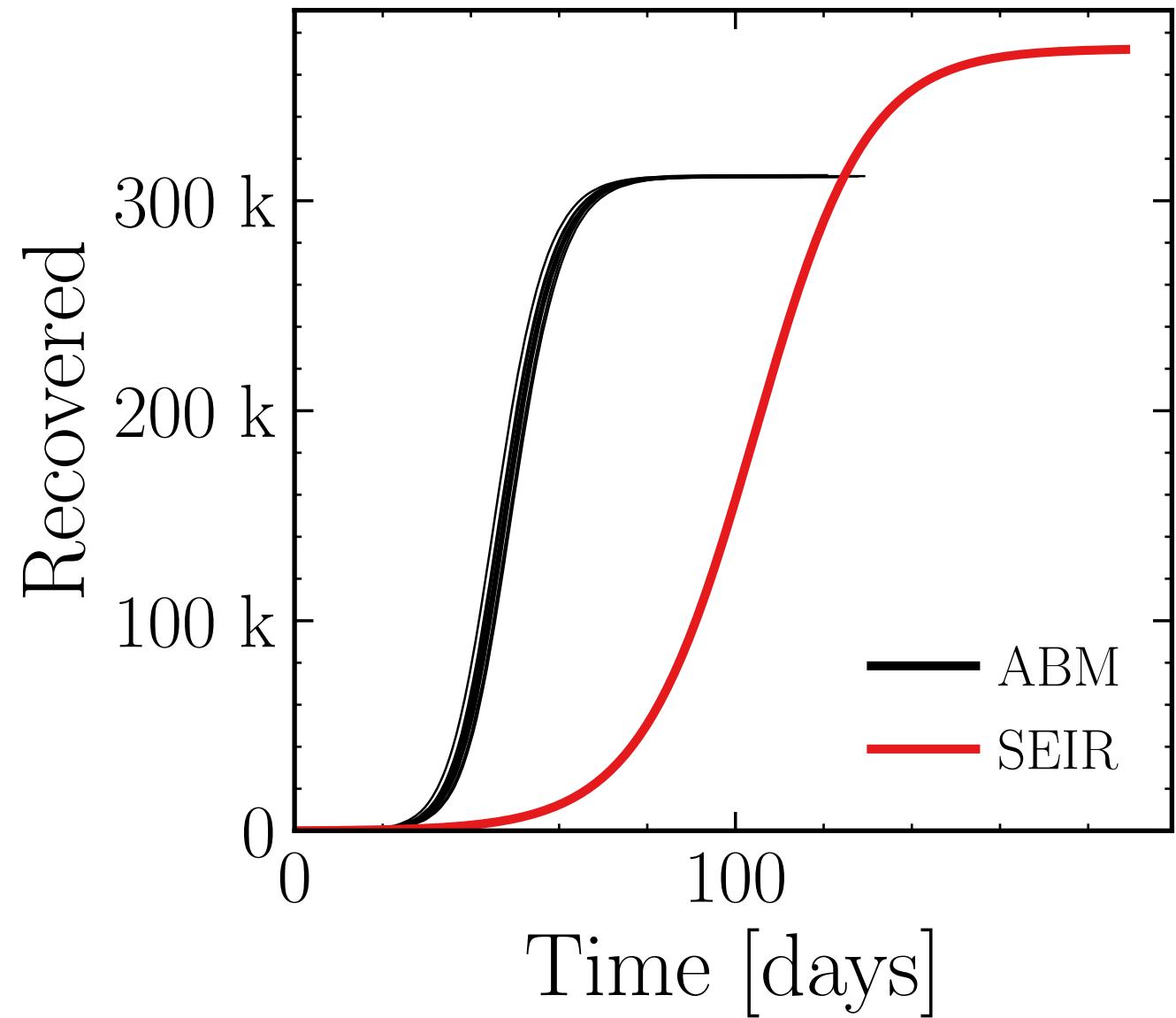
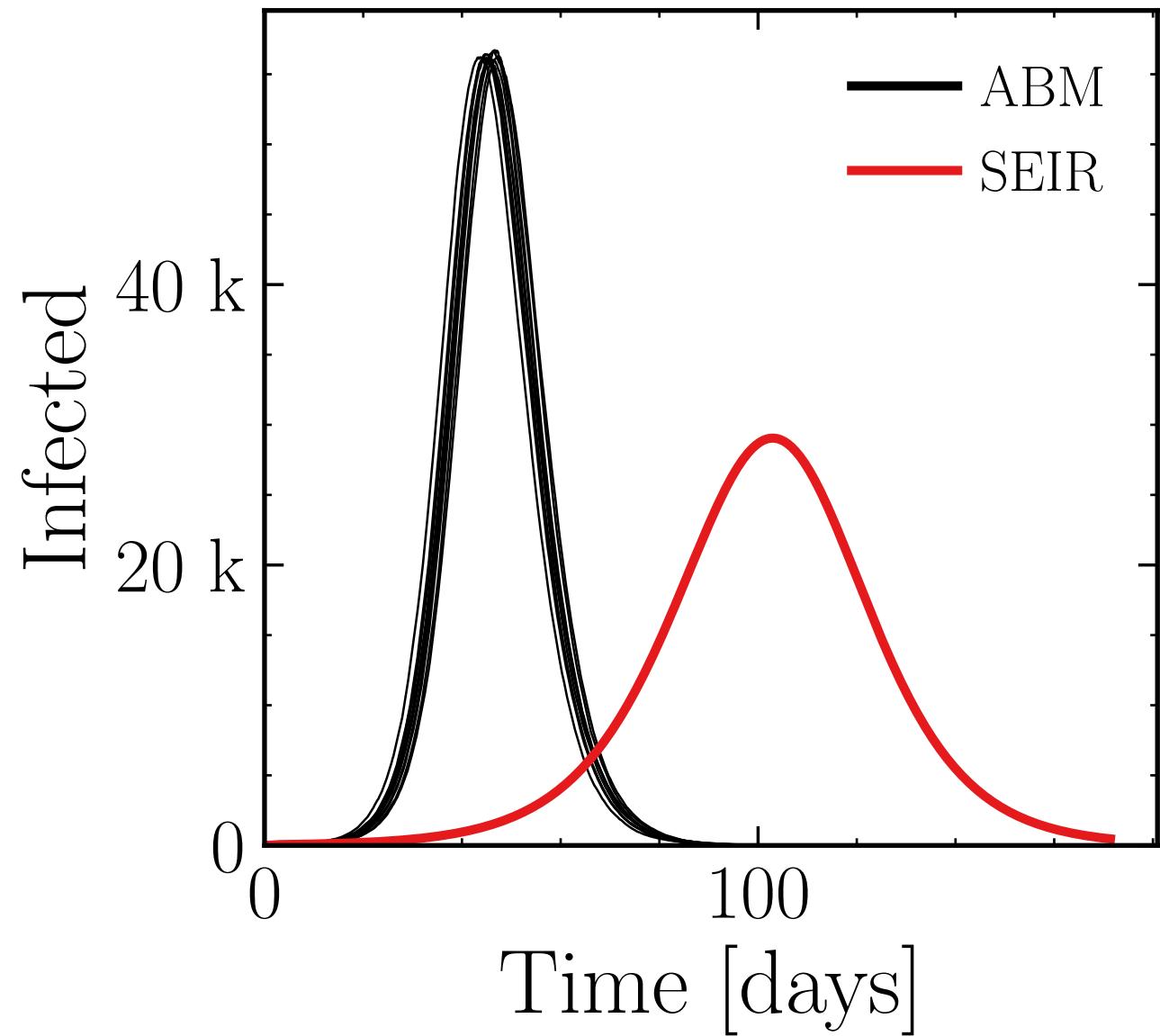
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (56.27 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = b2456f5aaaf, #10

$R_\infty^{\text{ABM}} = (311.64 \pm 0.031\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

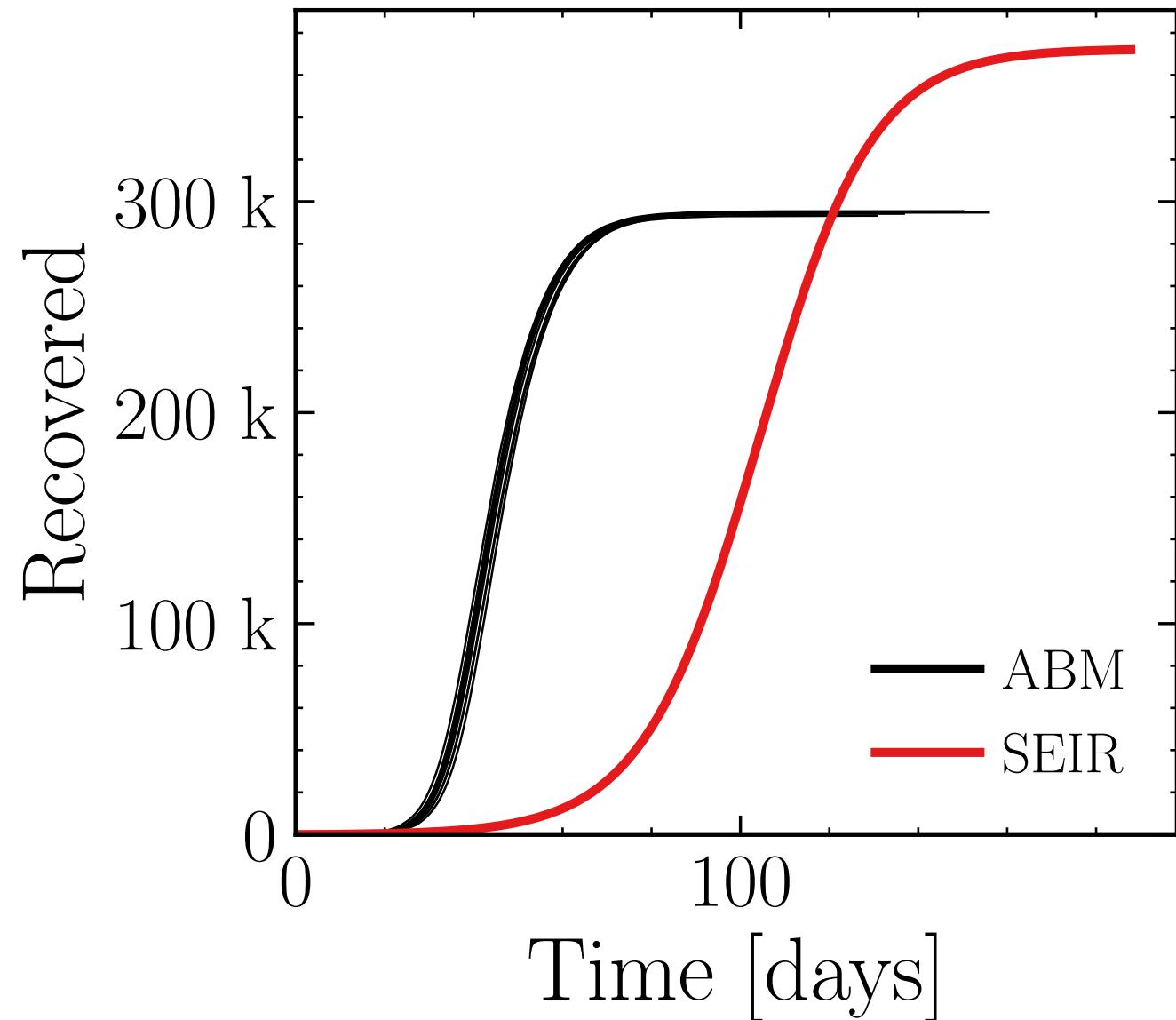
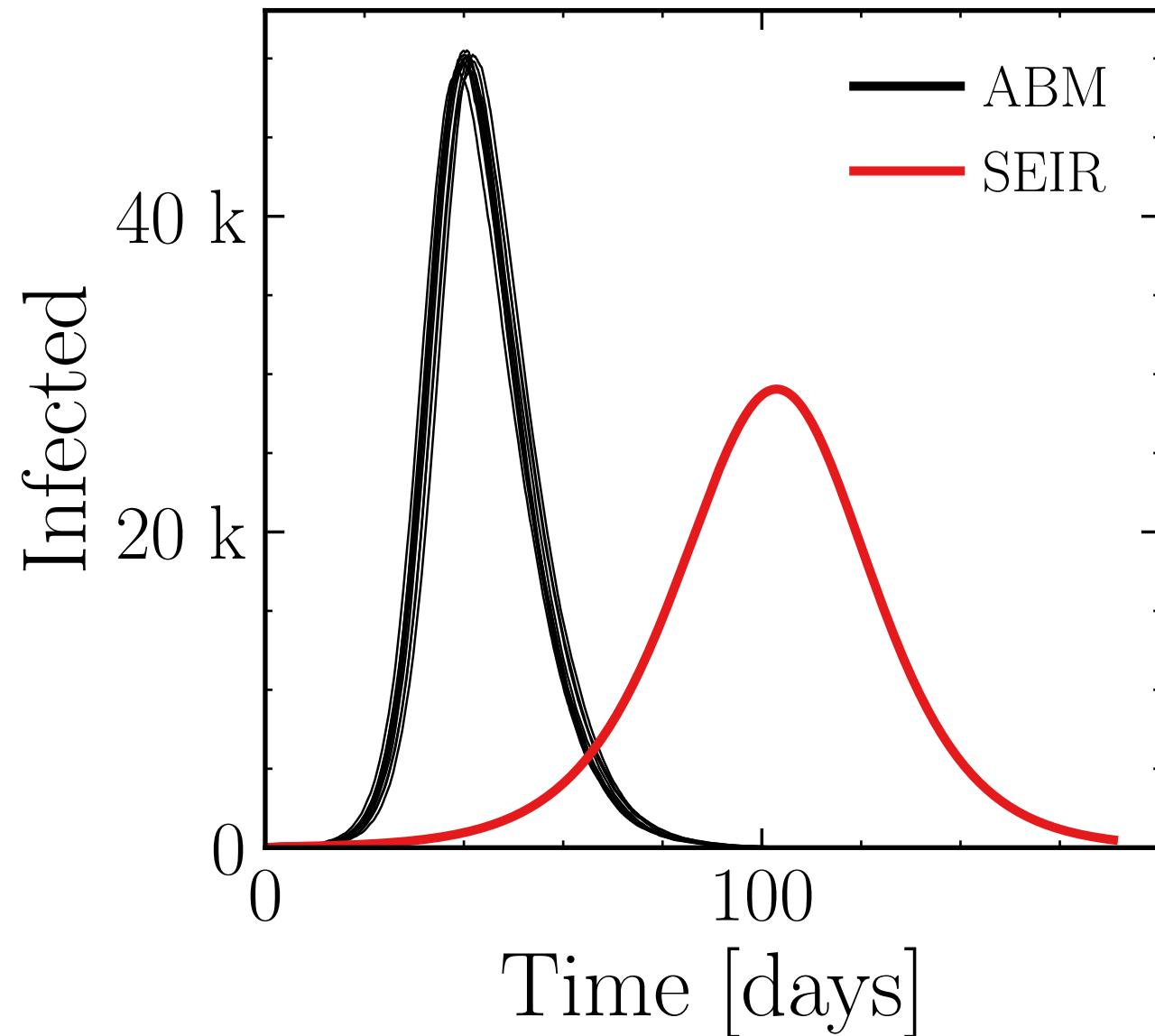
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (49.9 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = eddbc91bd7, #10

$R_{\infty}^{\text{ABM}} = (294.6 \pm 0.059\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

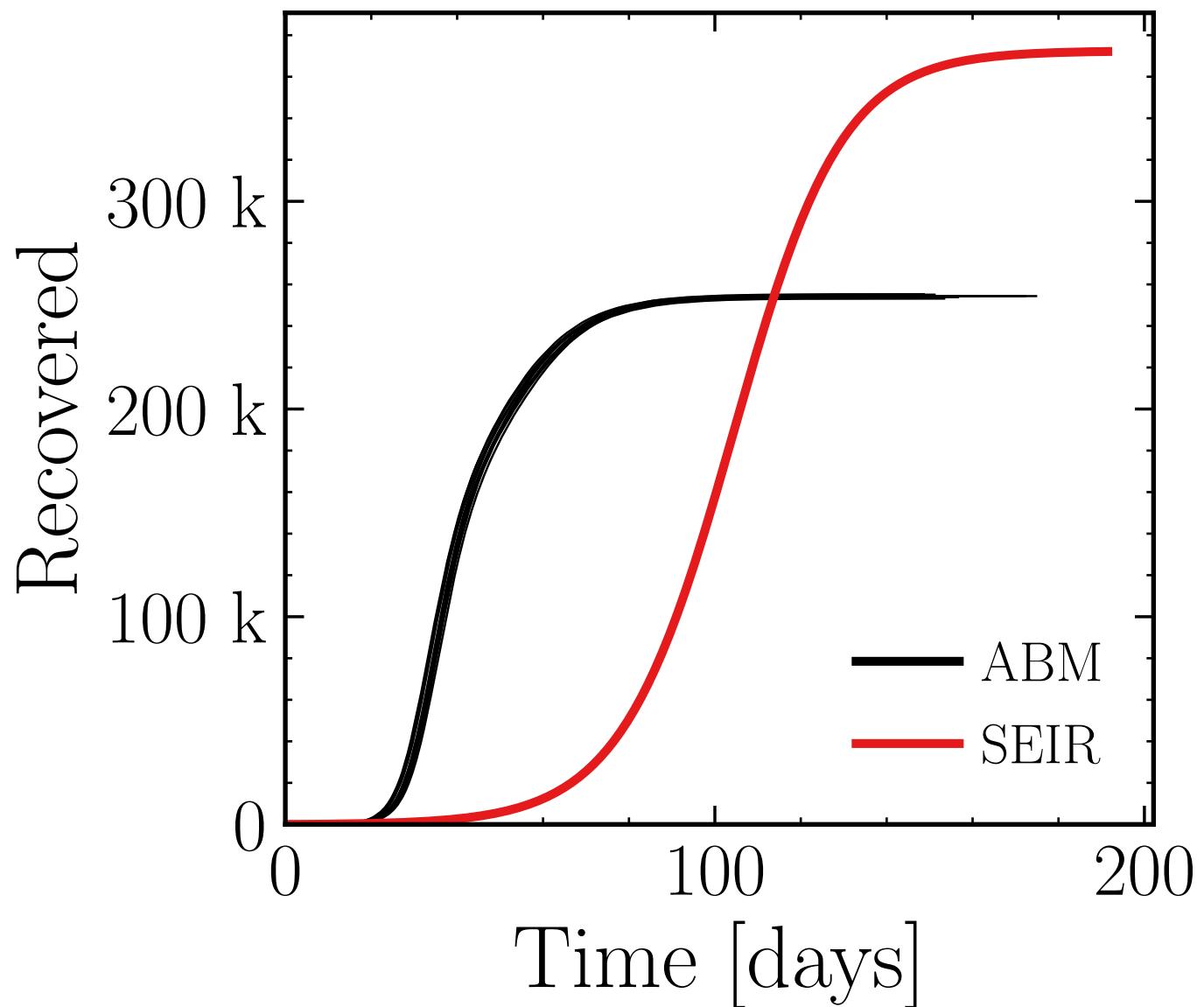
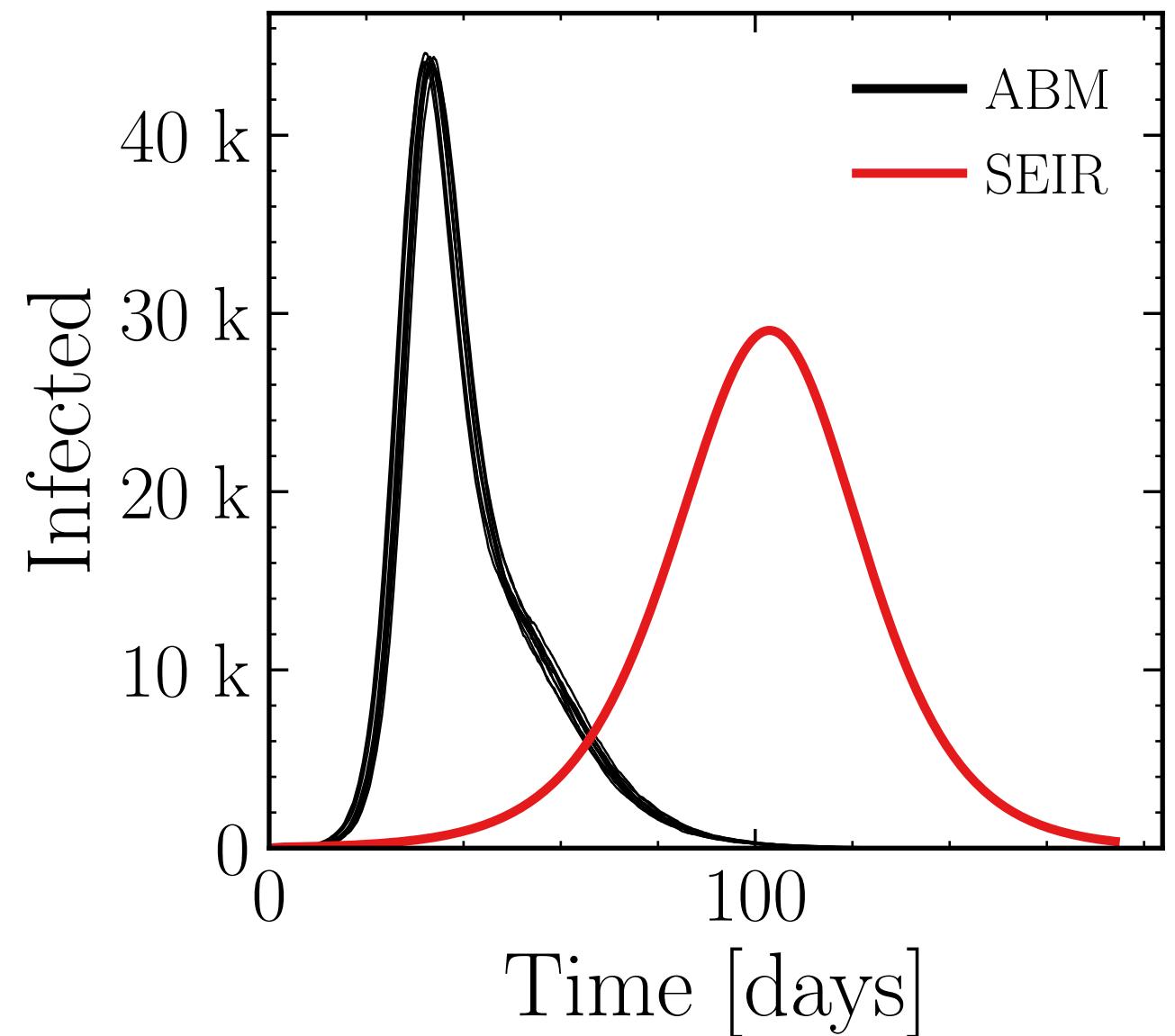
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (44.1 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 1fee435e41, #10

$R_\infty^{\text{ABM}} = (254.3 \pm 0.072\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

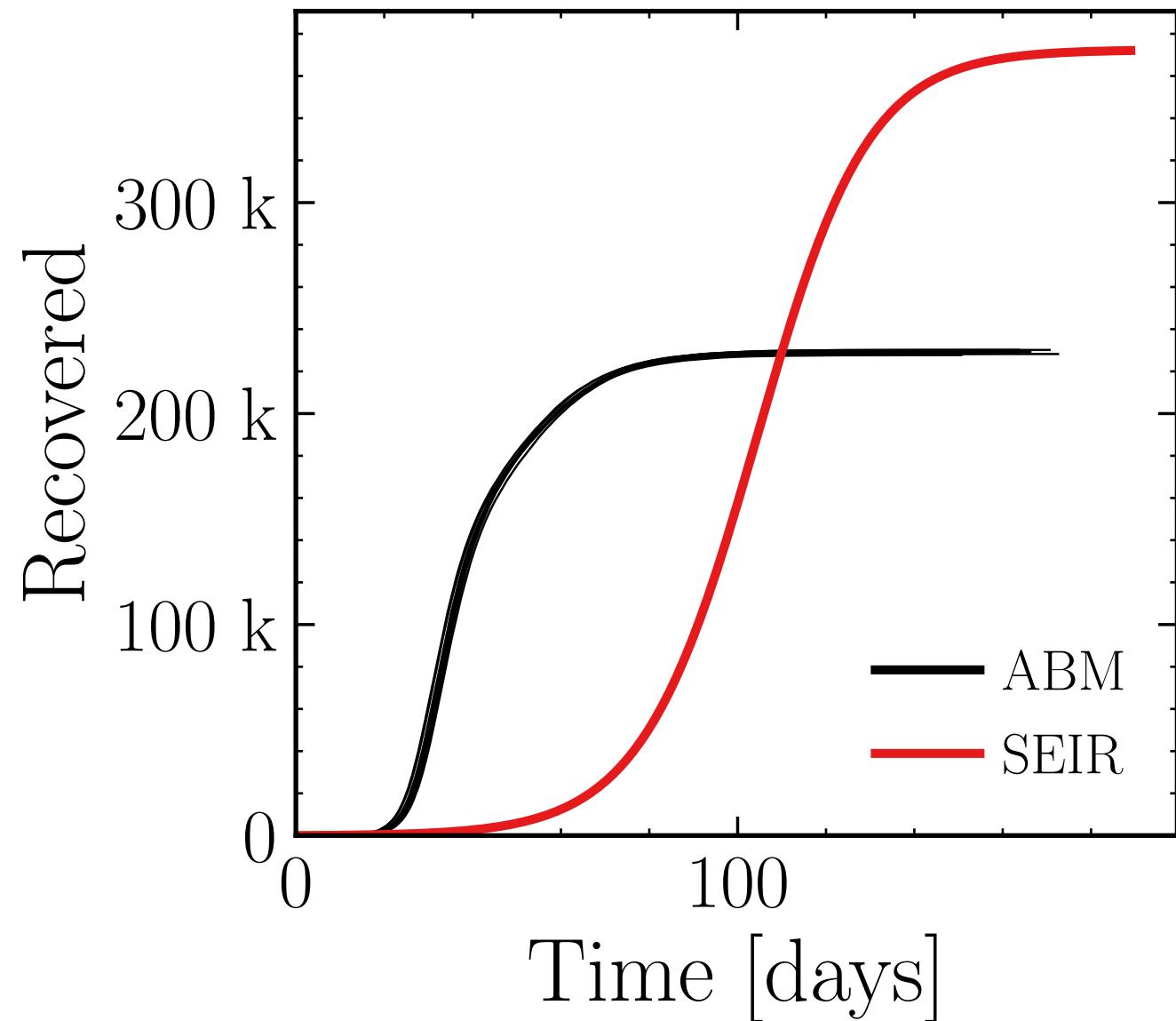
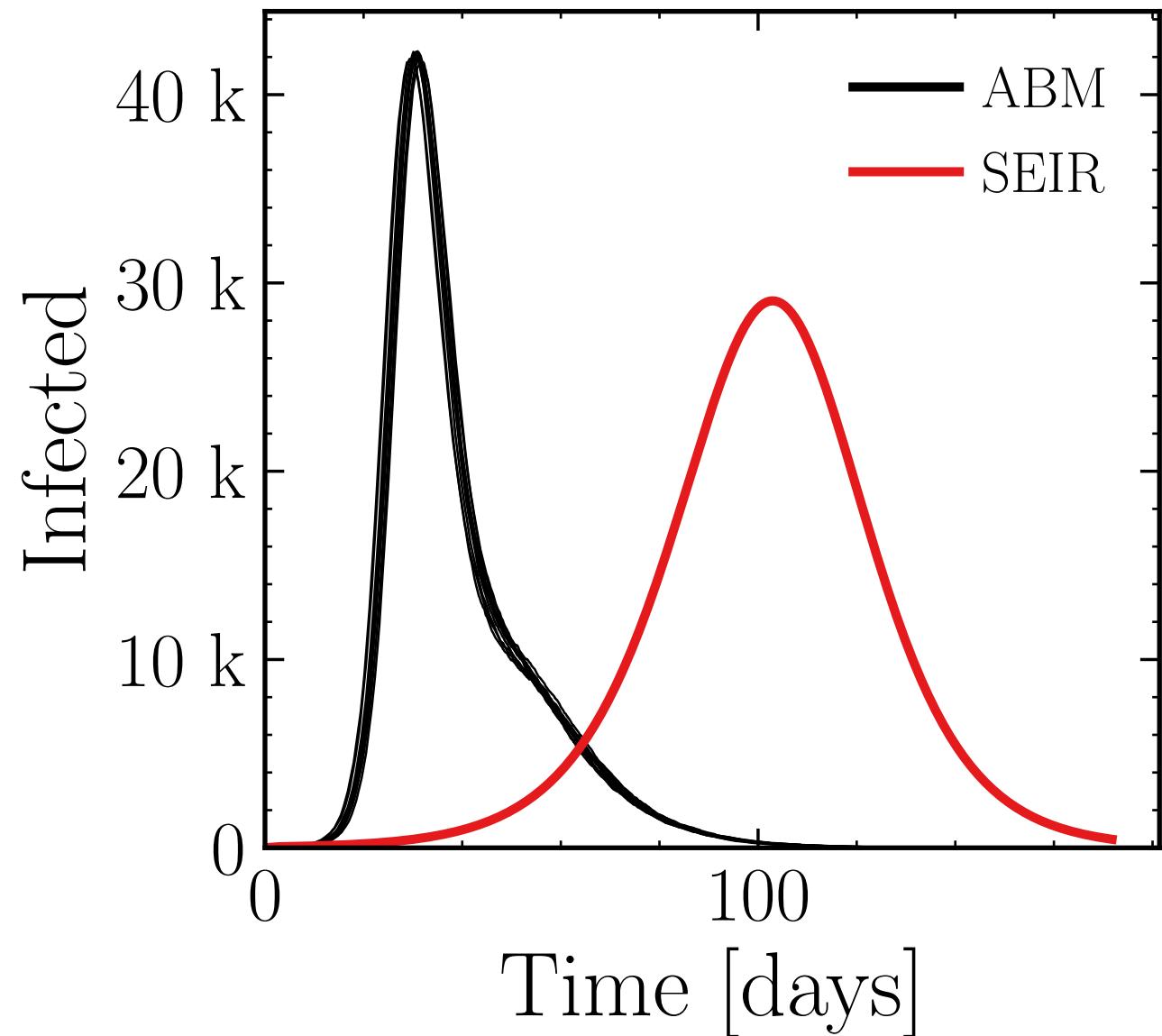
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (42.07 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 6175bf8c3e, #10

$R_\infty^{\text{ABM}} = (229.3 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

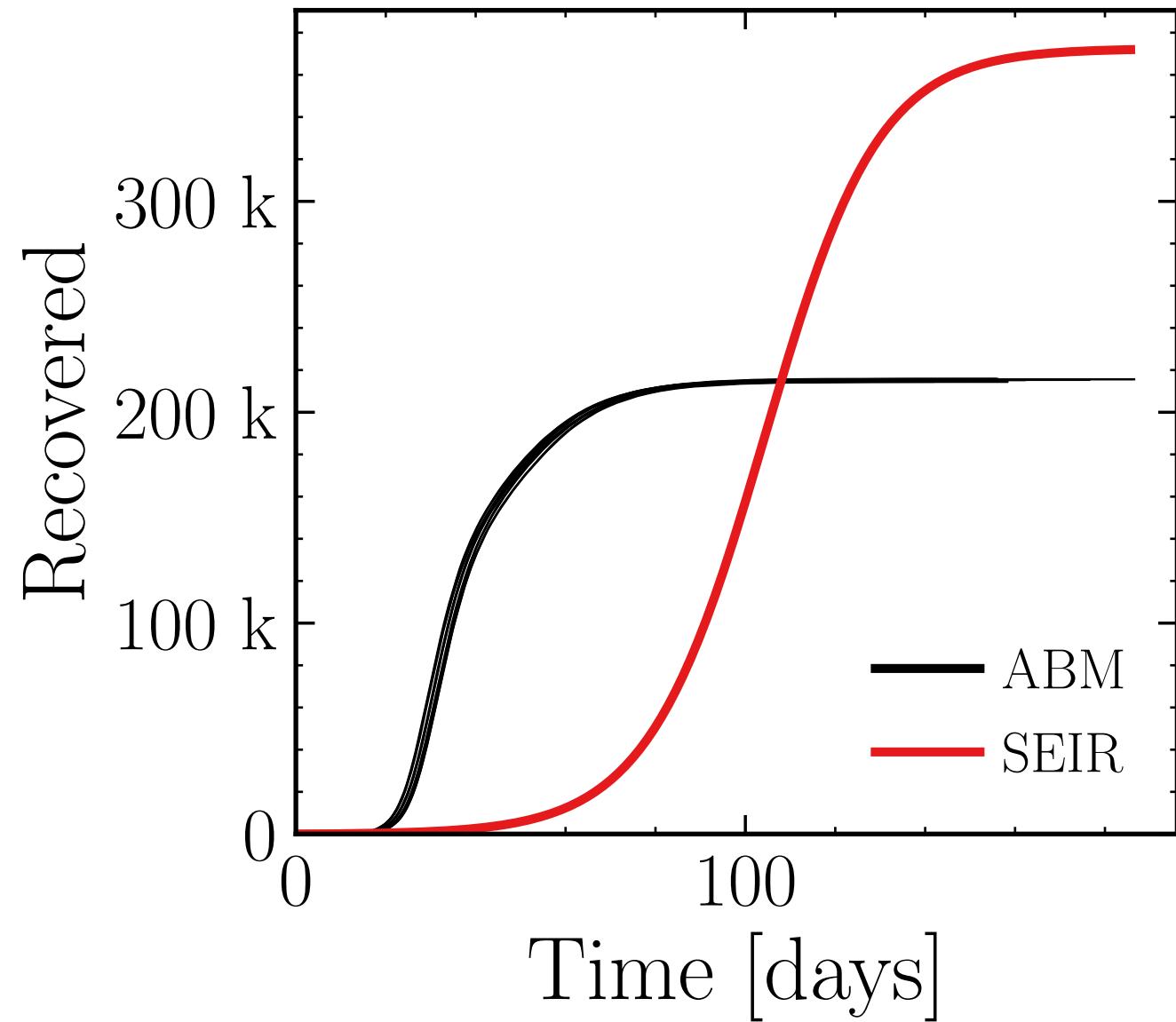
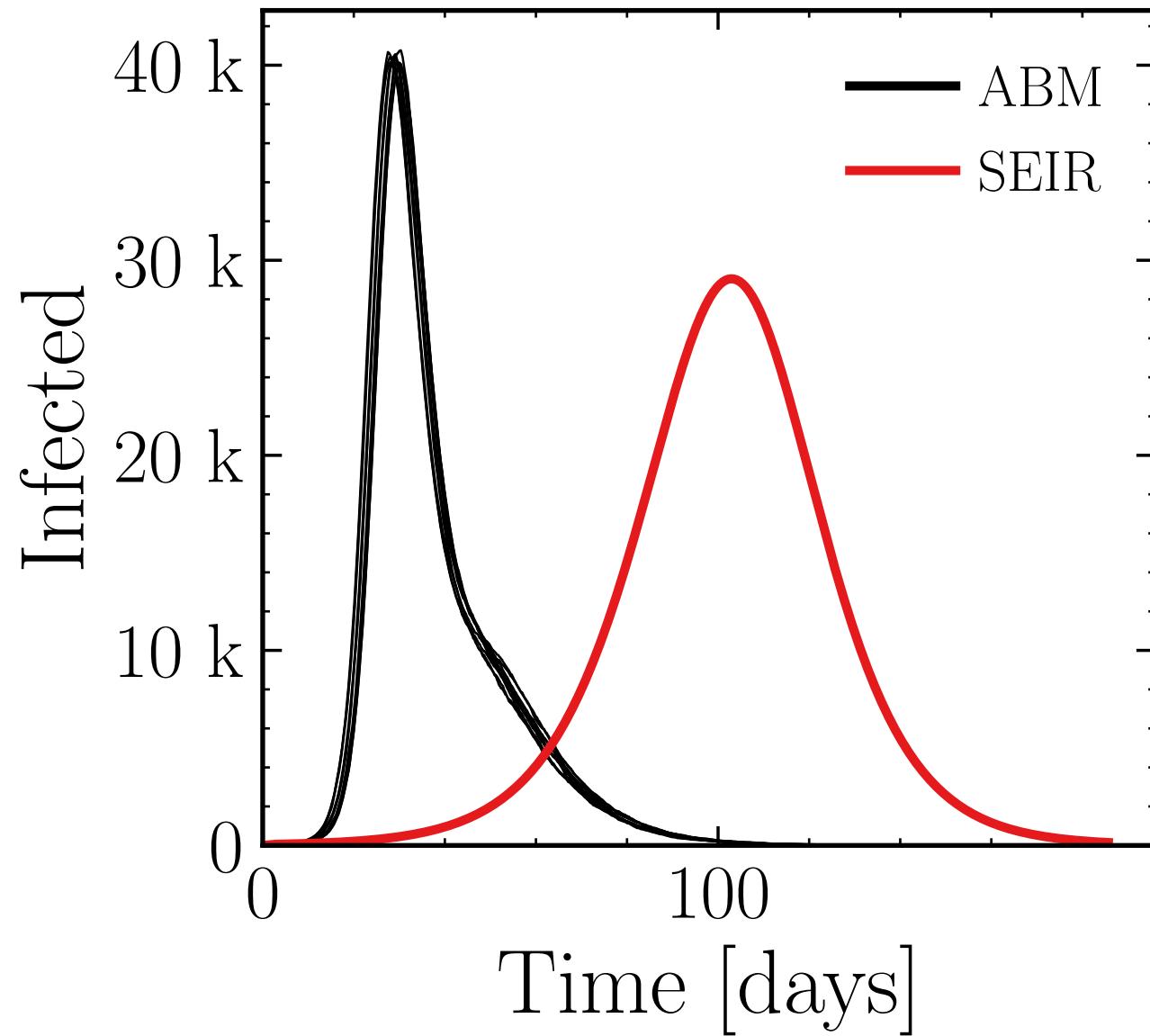
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.38 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = c5c5820f6a, #10

$R_{\infty}^{\text{ABM}} = (215.1 \pm 0.073\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

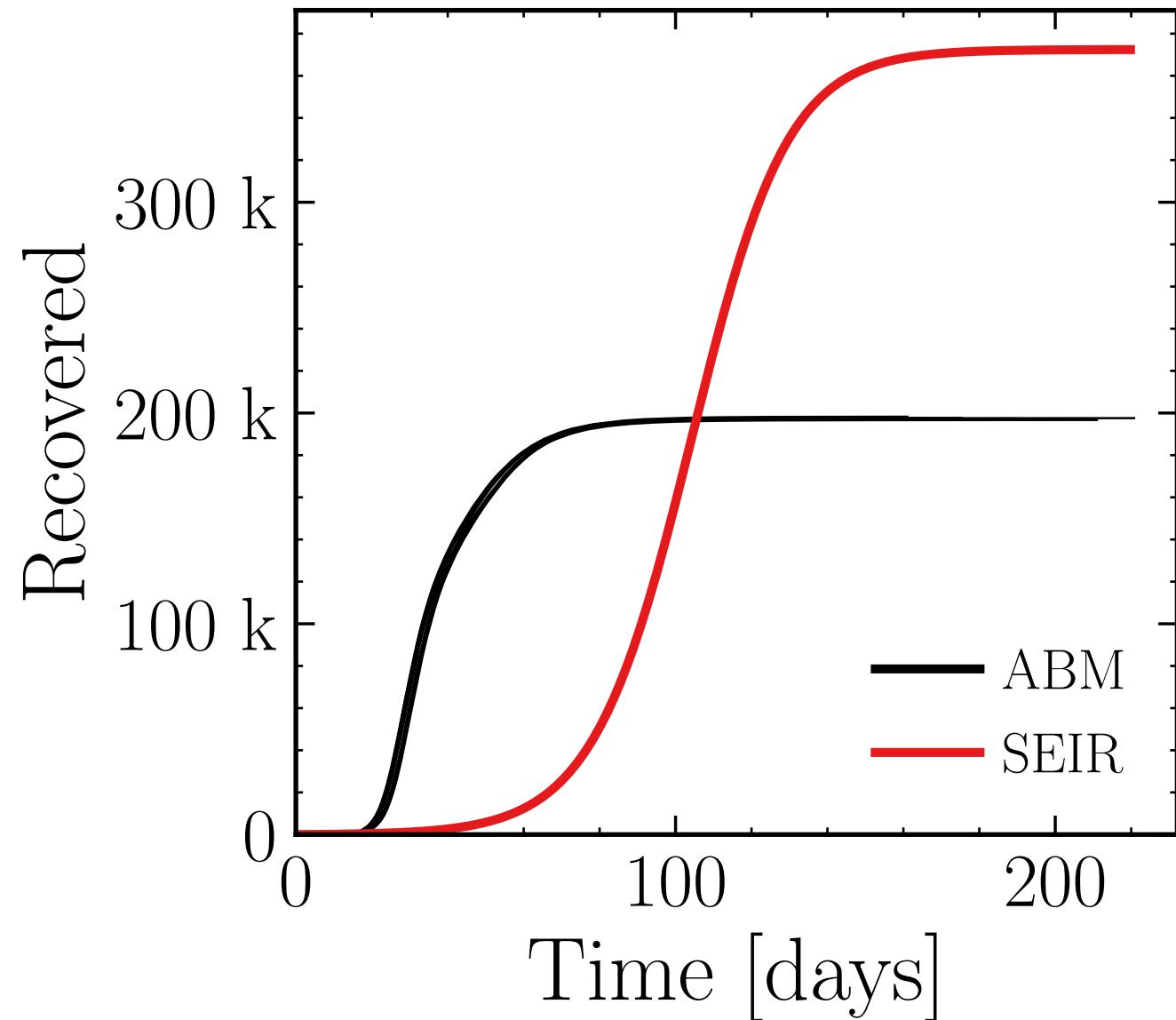
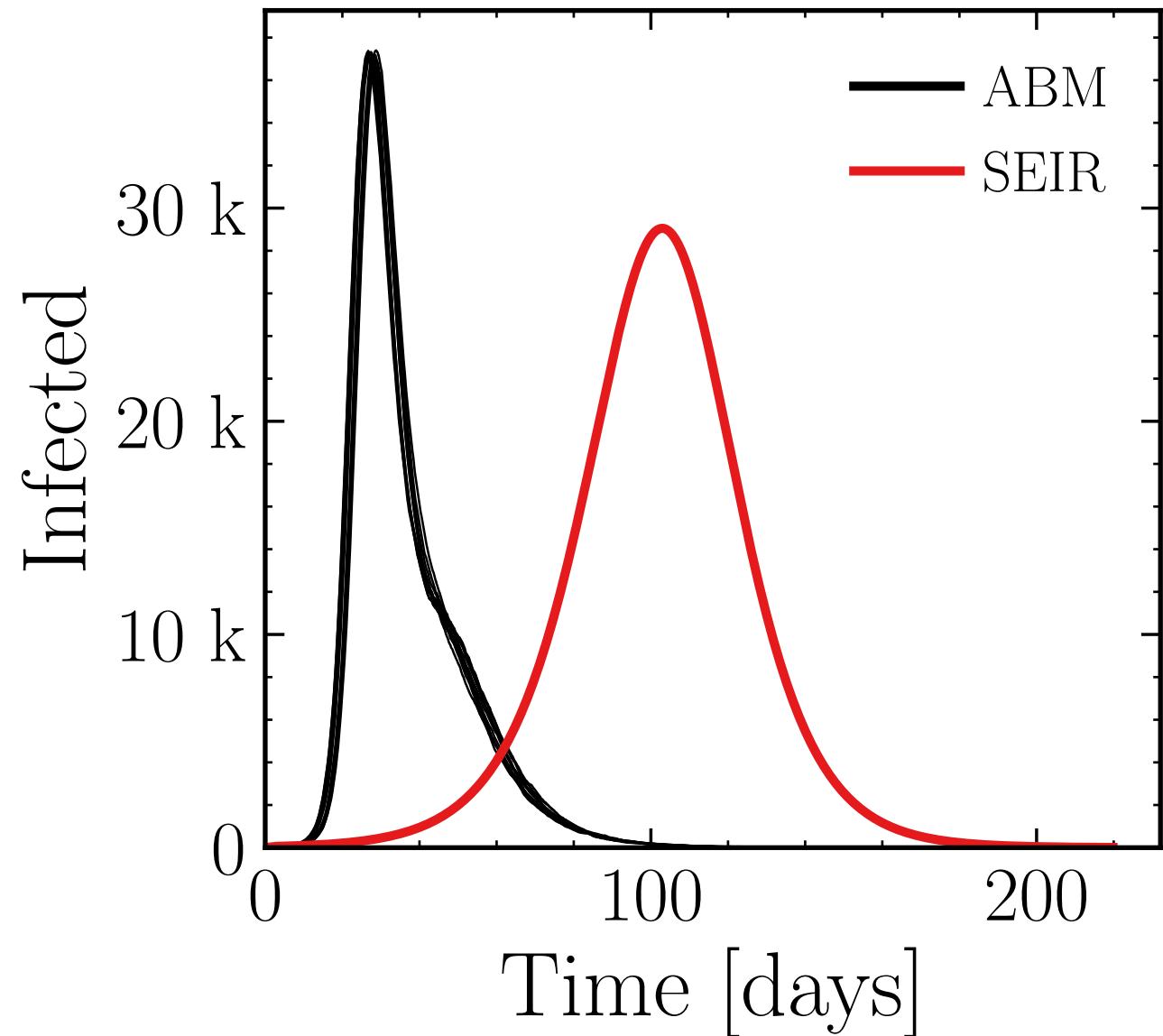
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (37.18 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 5ed3238193, #10

$R_{\infty}^{\text{ABM}} = (197.4 \pm 0.068\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

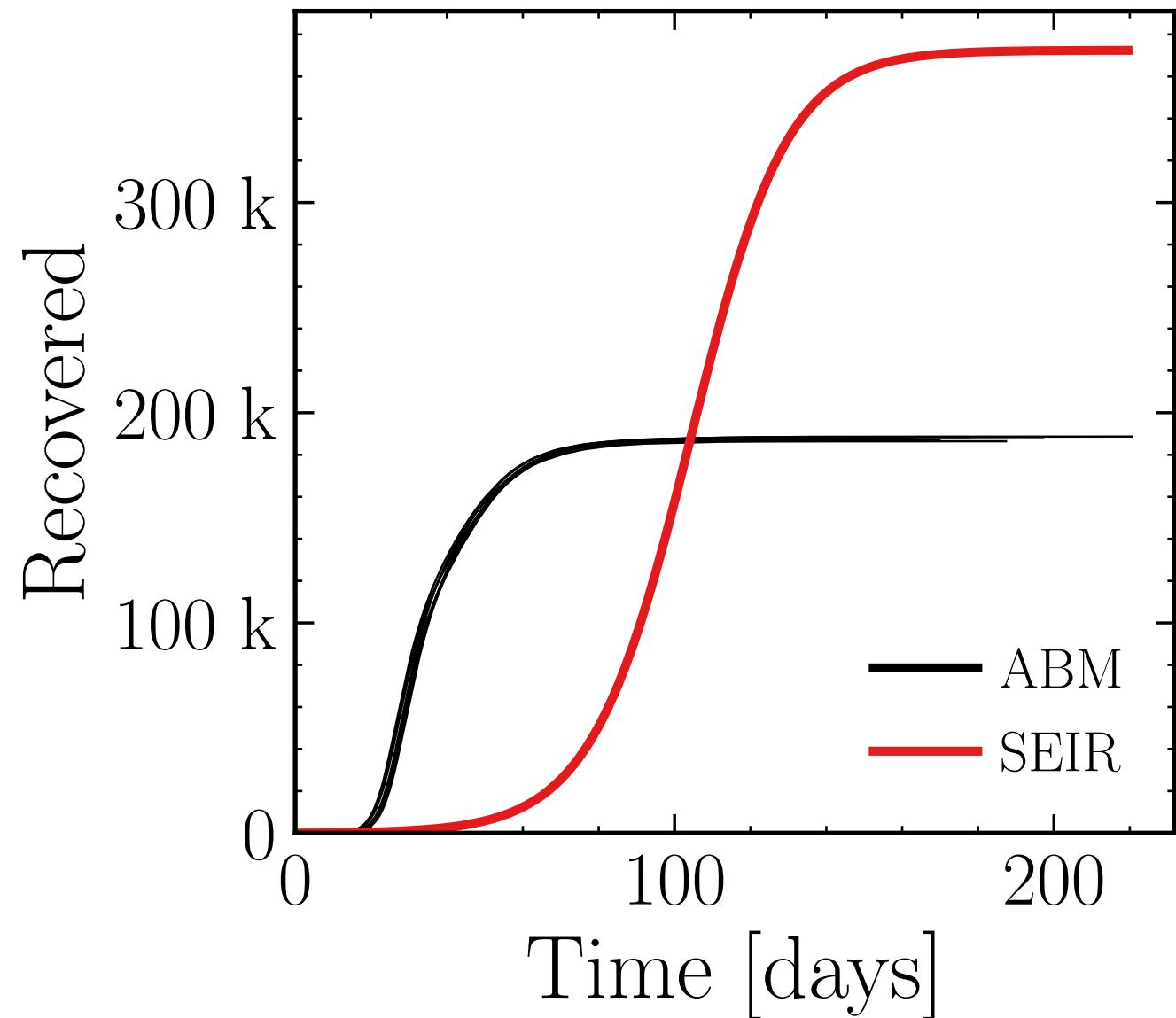
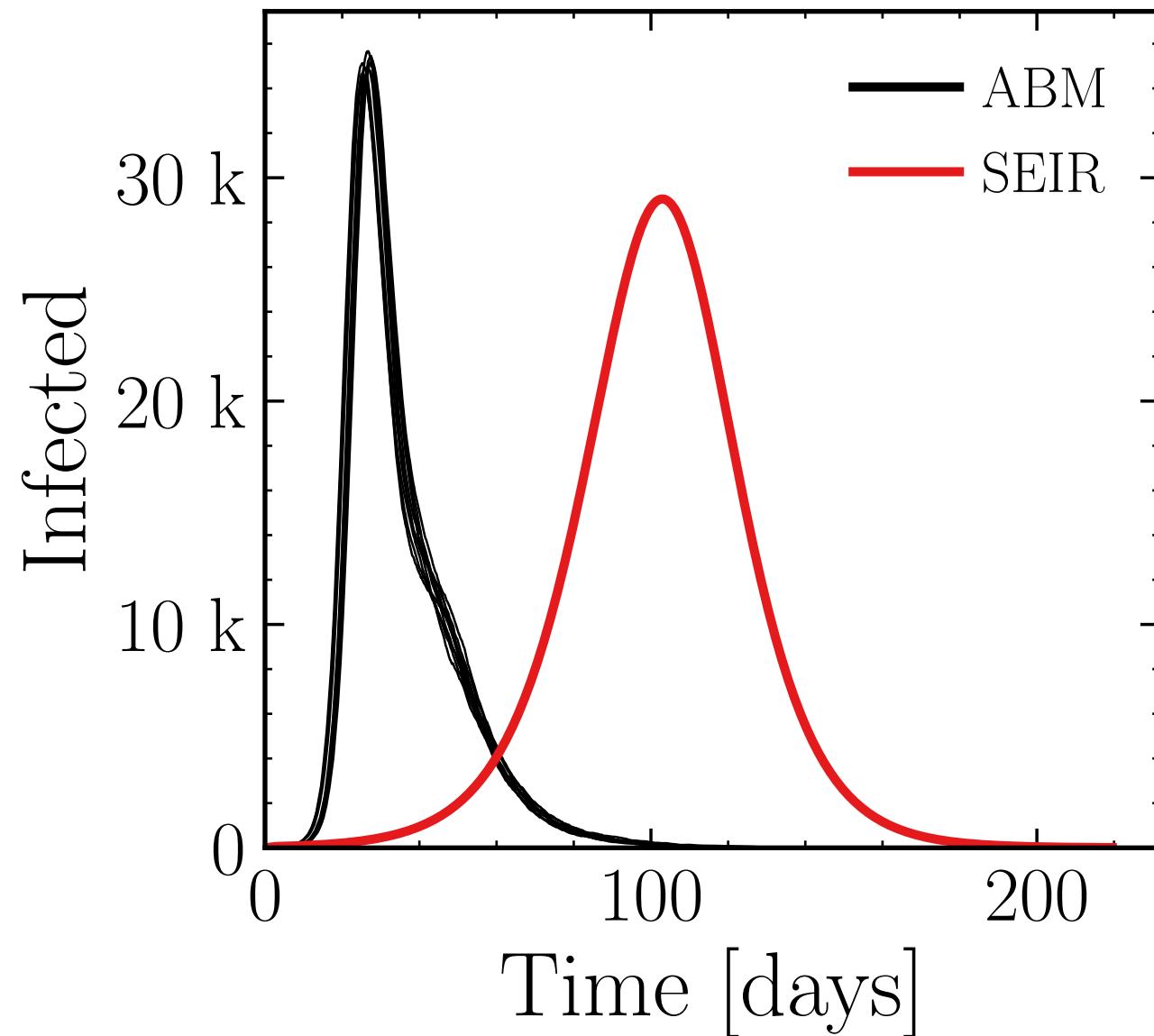
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (35 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 7048d9a080, #10

$R_{\infty}^{\text{ABM}} = (187.8 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

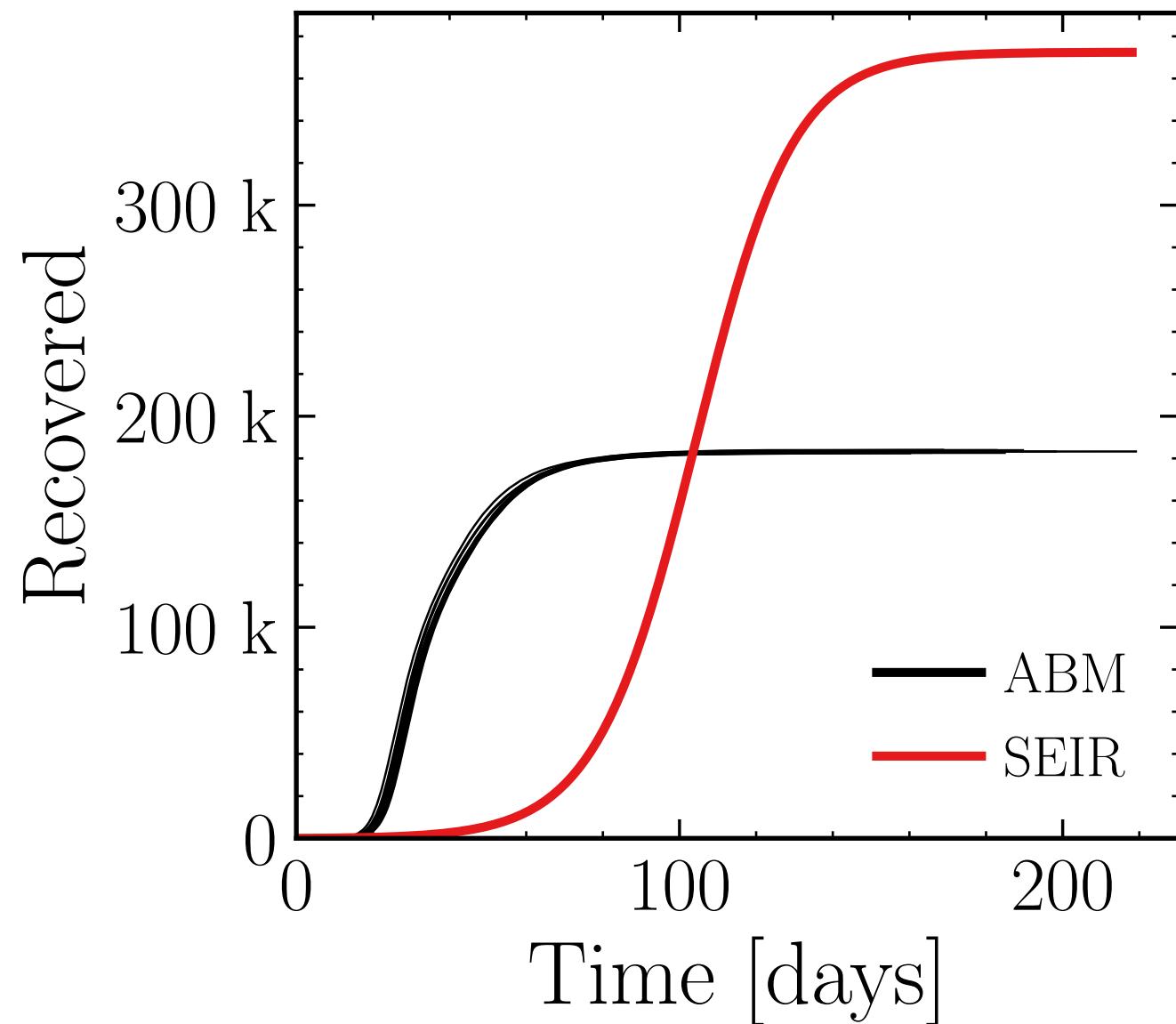
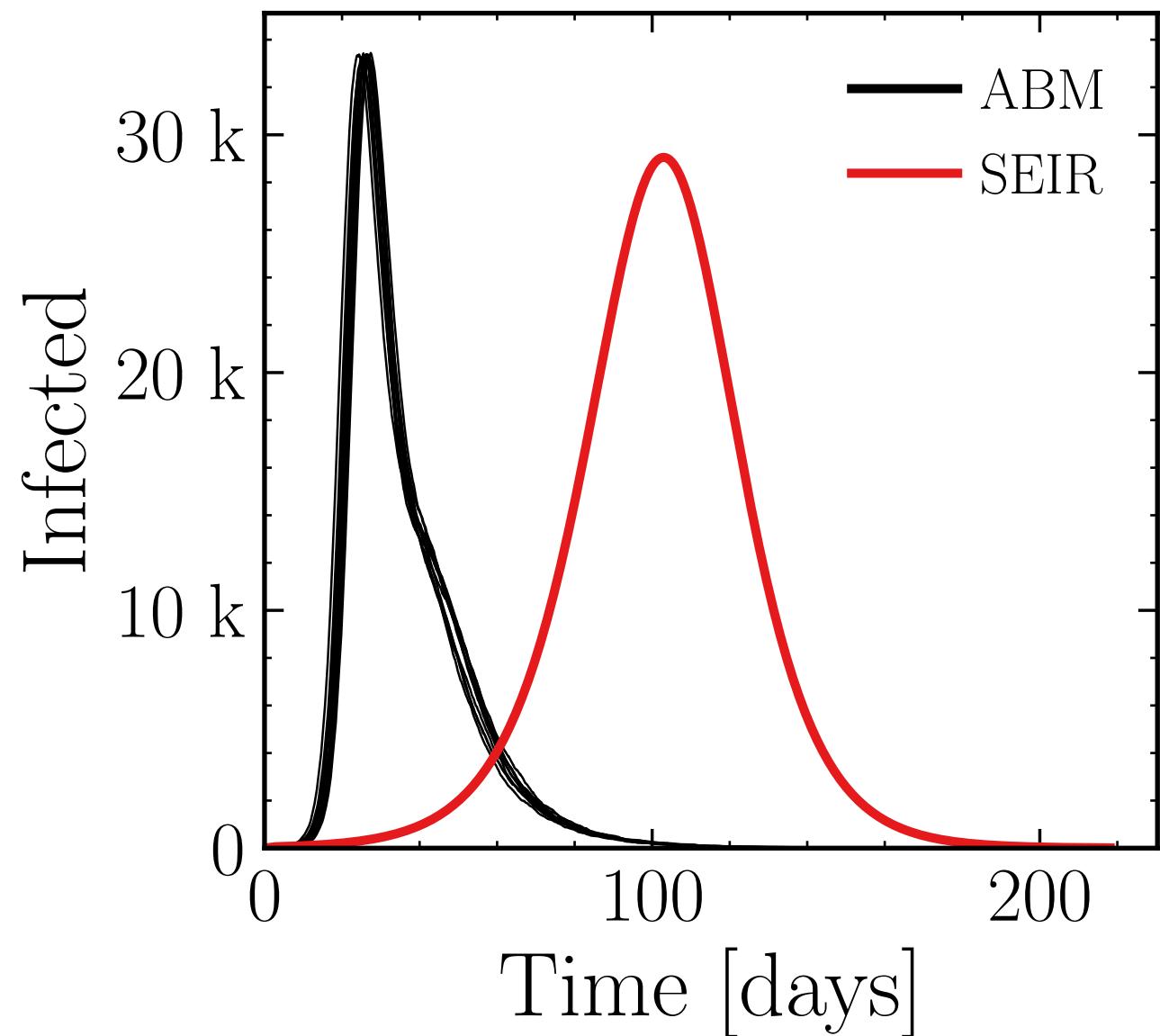
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33.29 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 525054918a, #10

$R_\infty^{\text{ABM}} = (183.2 \pm 0.091\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

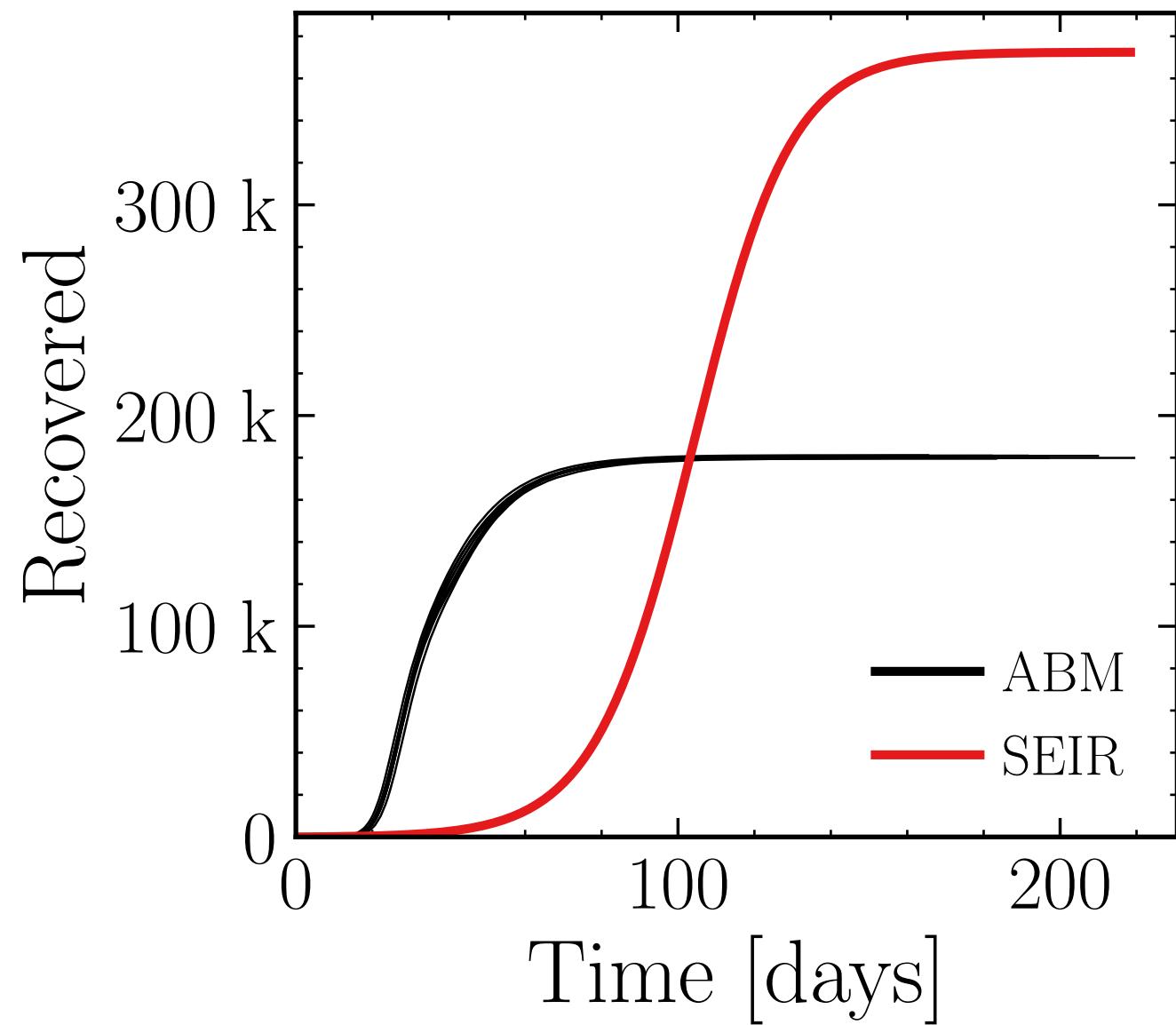
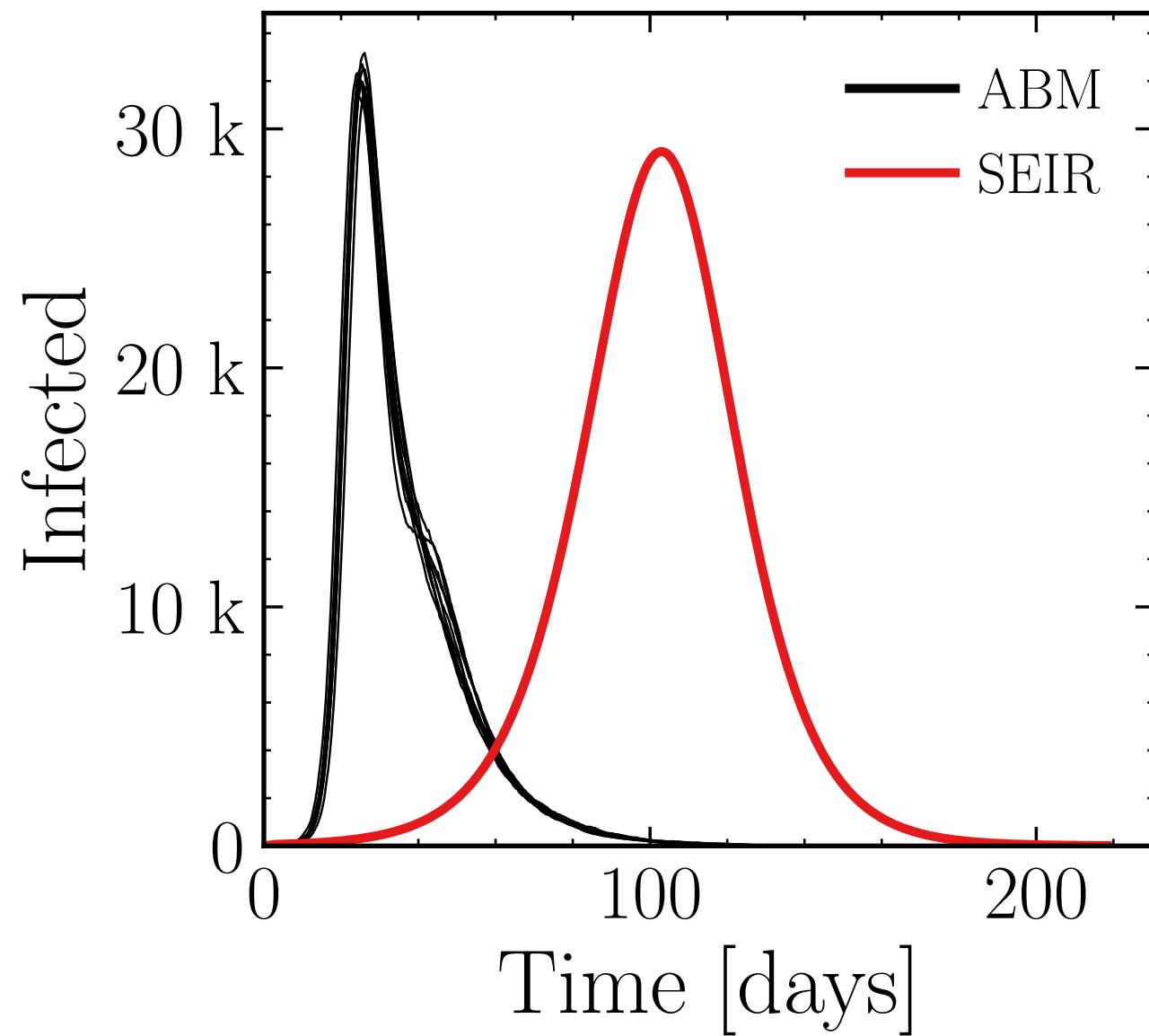
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (32.1 \pm 0.5\%) \cdot 10^3$

v. = 1.0, hash = 5da29ee353, #10

$R_{\infty}^{\text{ABM}} = (180.4 \pm 0.095\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

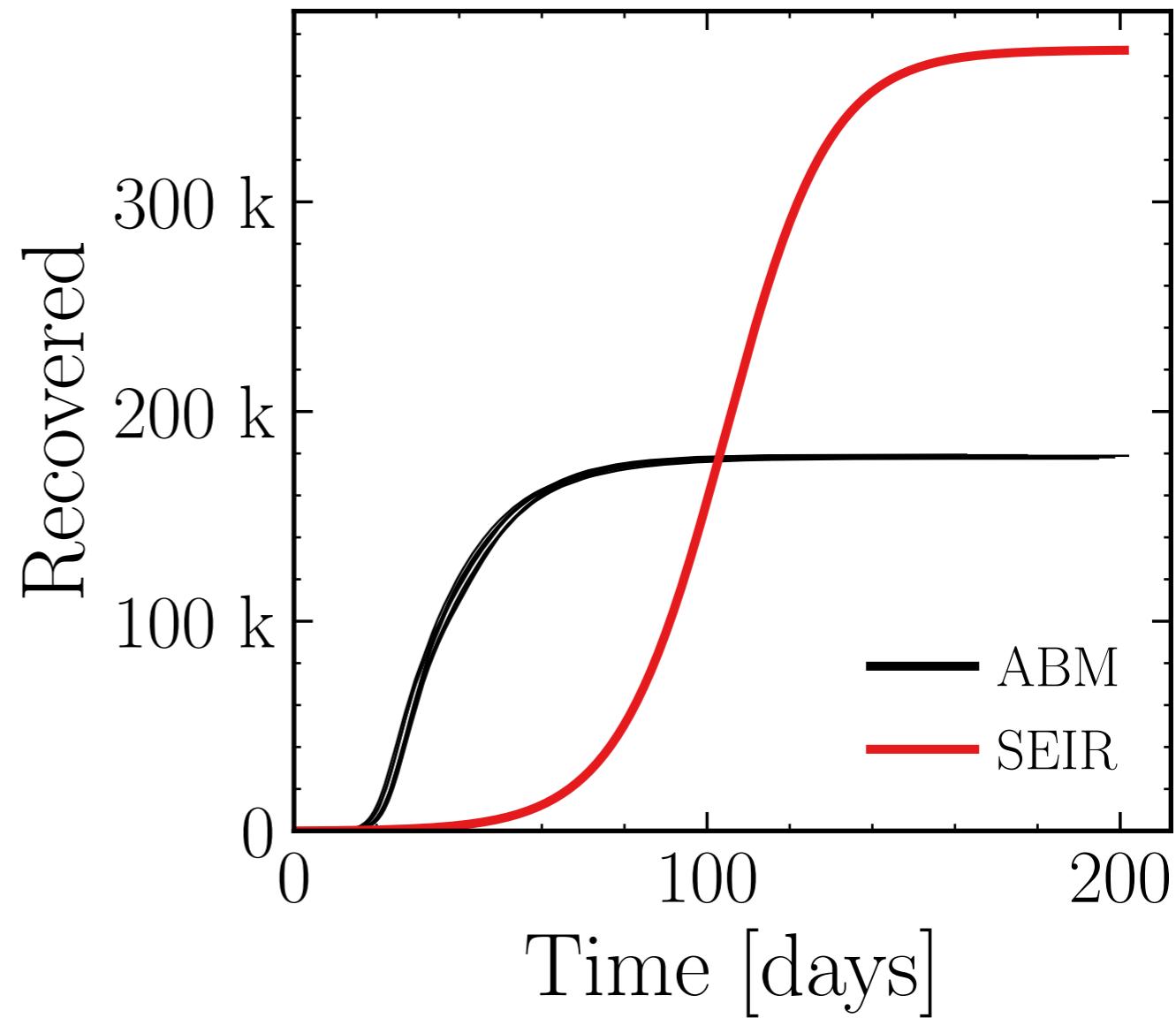
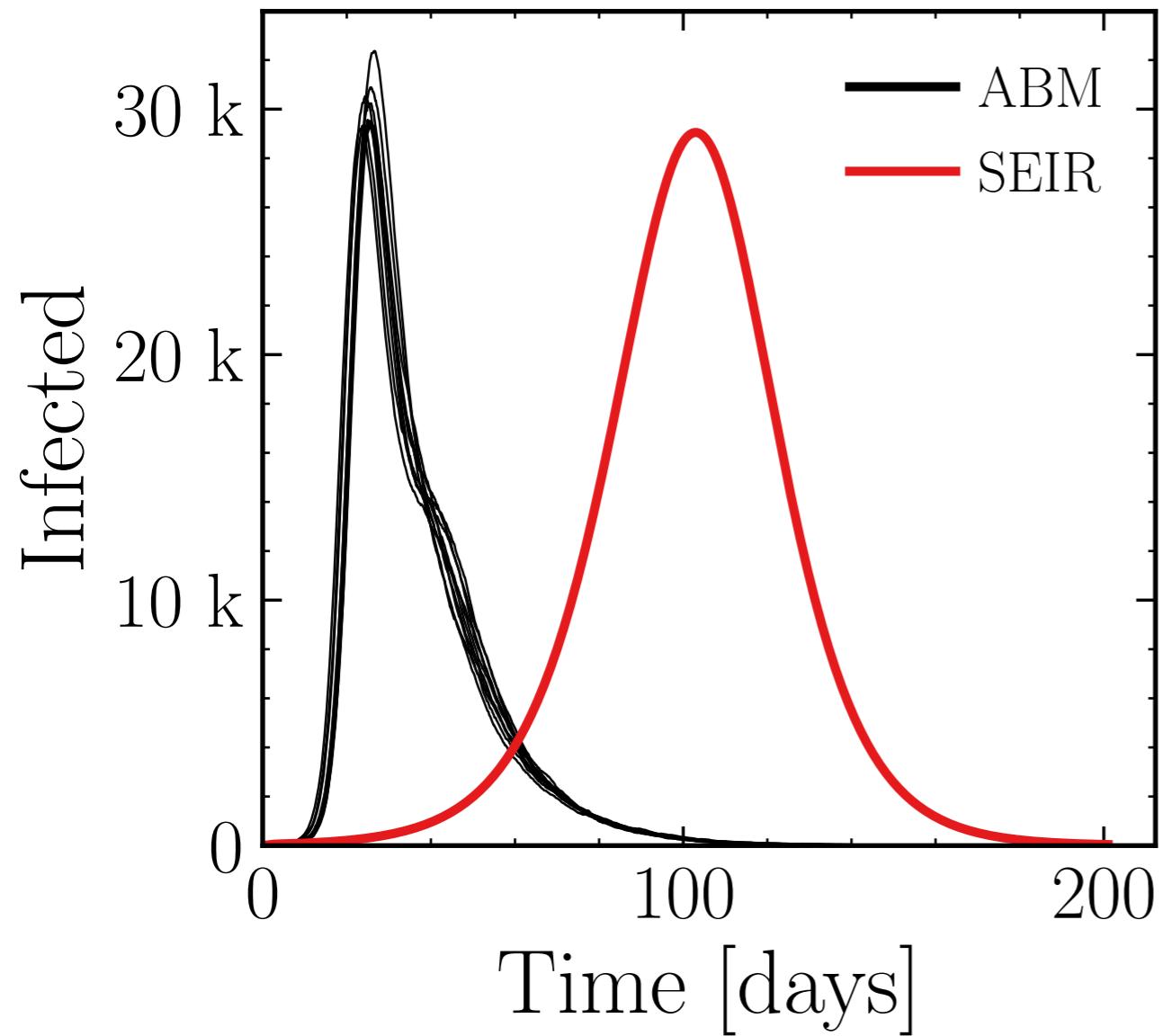
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (30.1 \pm 0.98\%) \cdot 10^3$

v. = 1.0, hash = 100943cc7d, #10

$R_\infty^{\text{ABM}} = (178.5 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

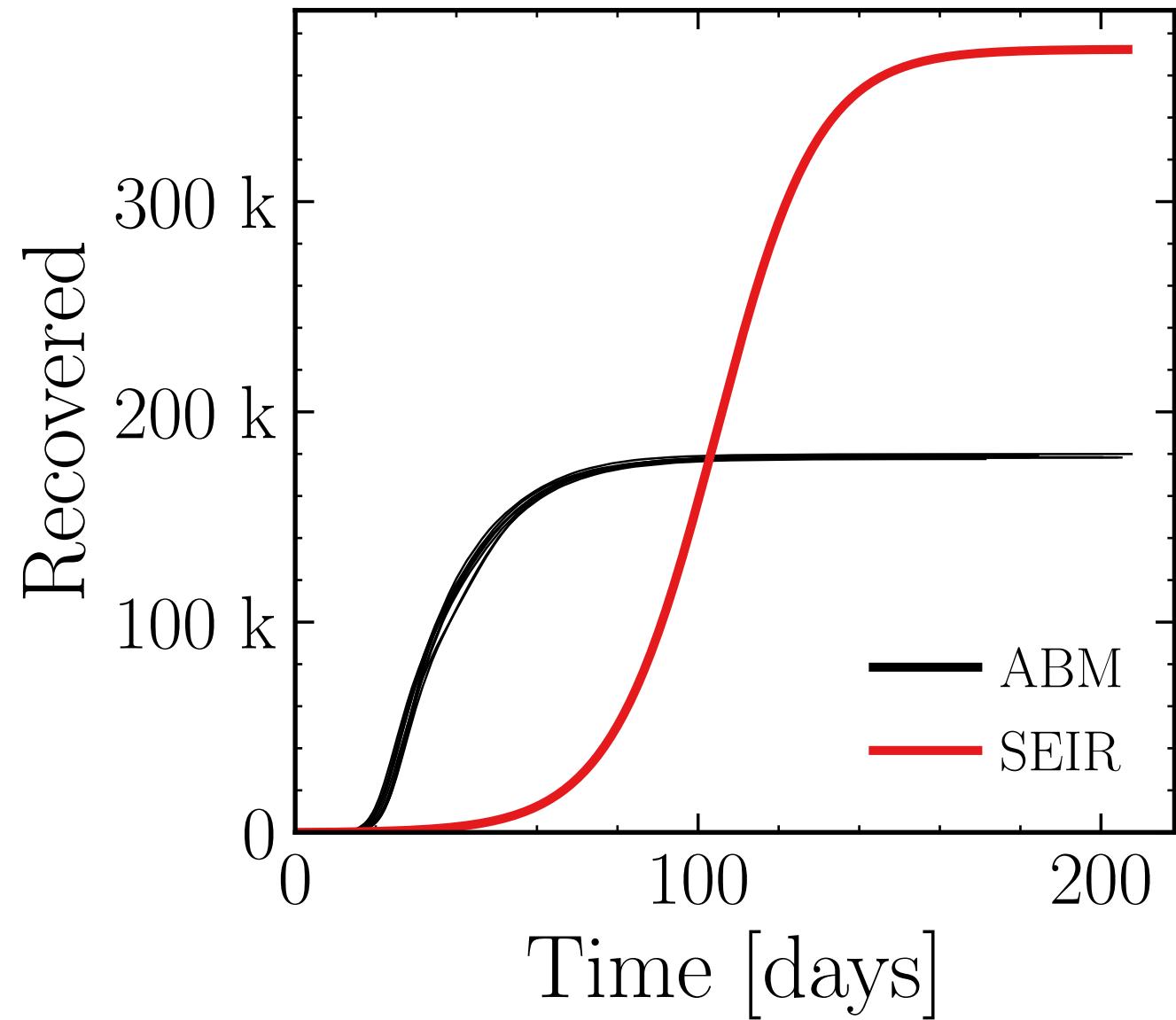
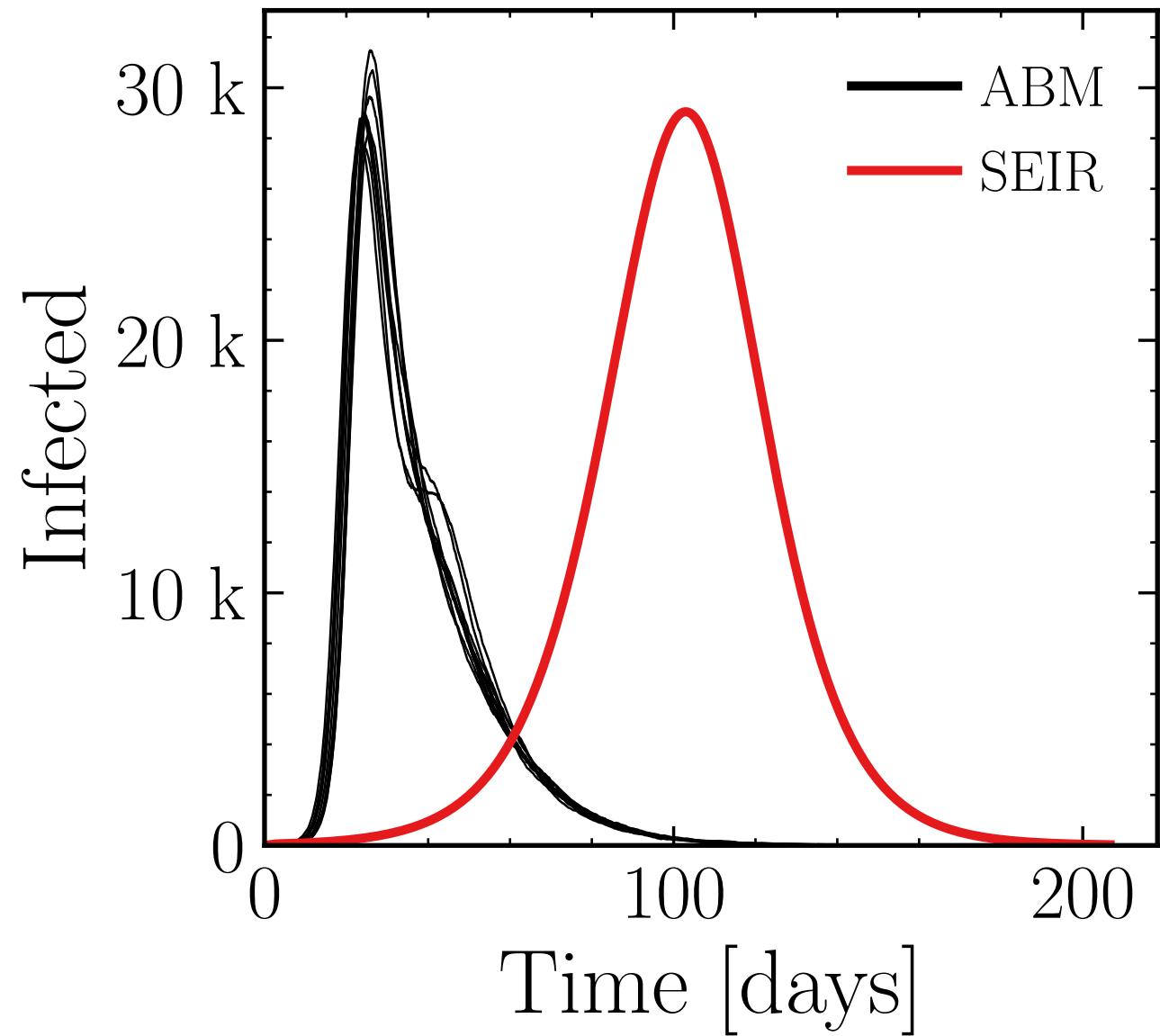
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (29.1 \pm 1.2\%) \cdot 10^3$

v. = 1.0, hash = 56a4296238, #10

$R_\infty^{\text{ABM}} = (178.6 \pm 0.11\%) \cdot 10^3$



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

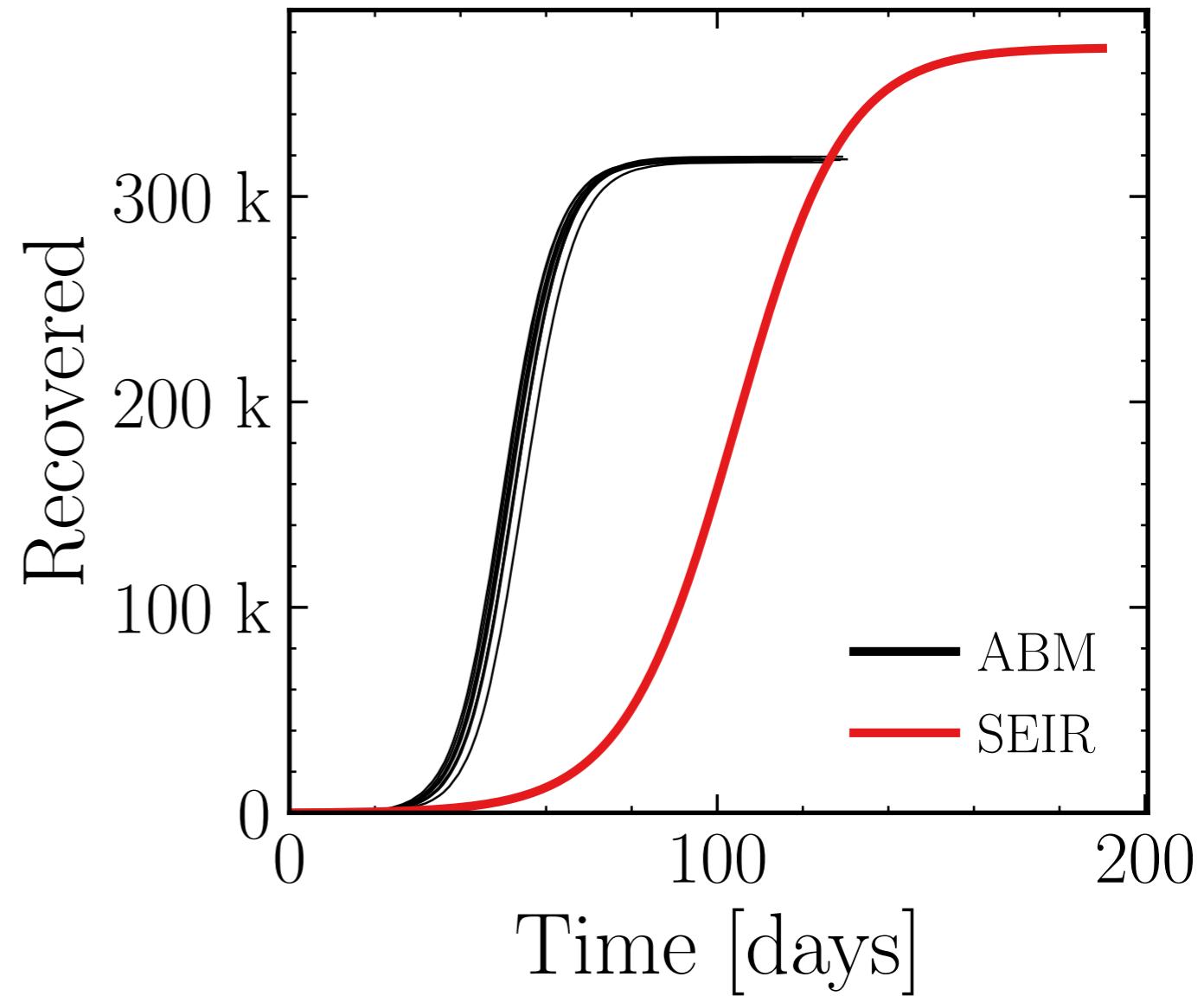
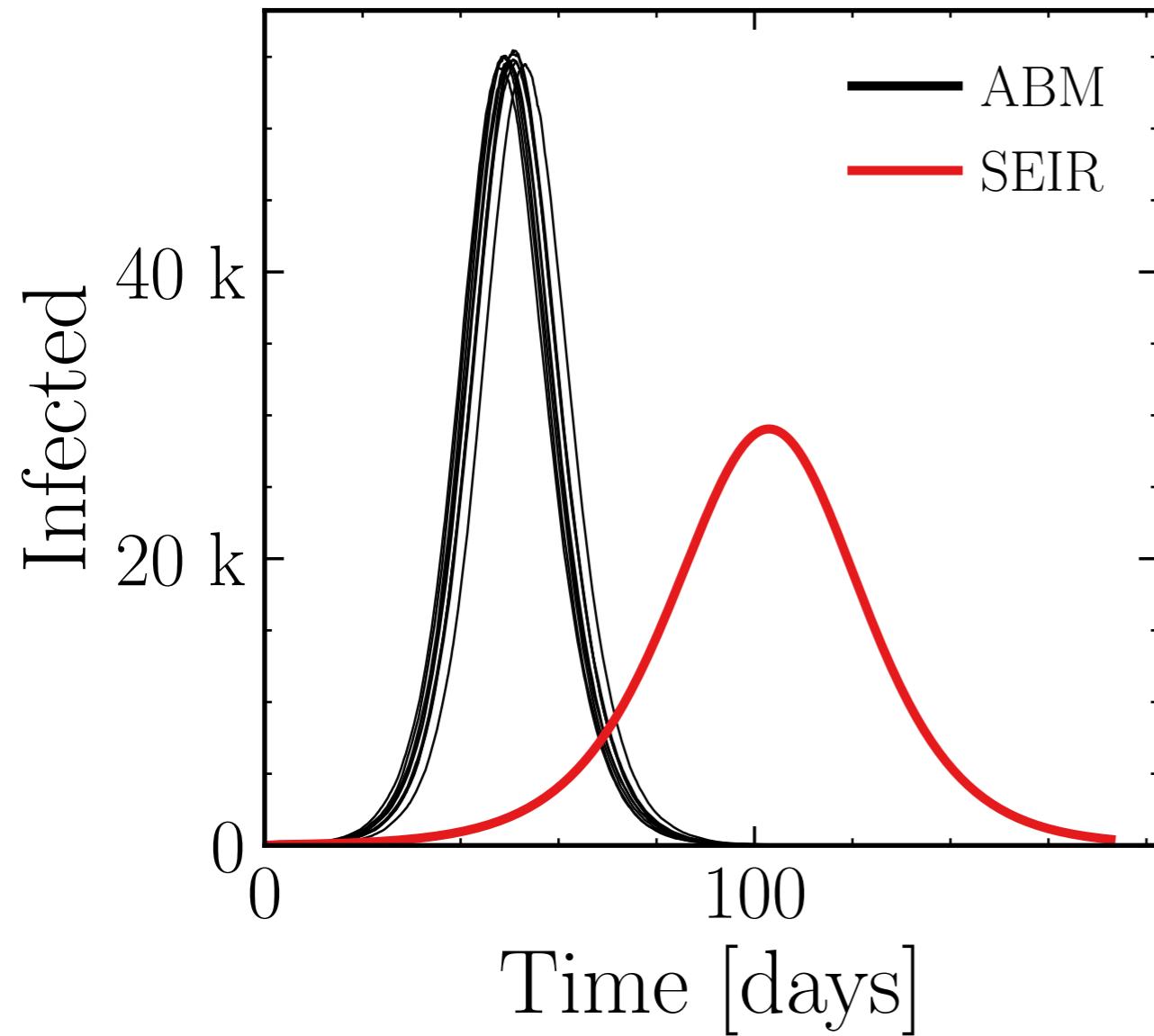
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (54.8 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 66cb5b3355, #10

$R_{\infty}^{\text{ABM}} = (317.9 \pm 0.076\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

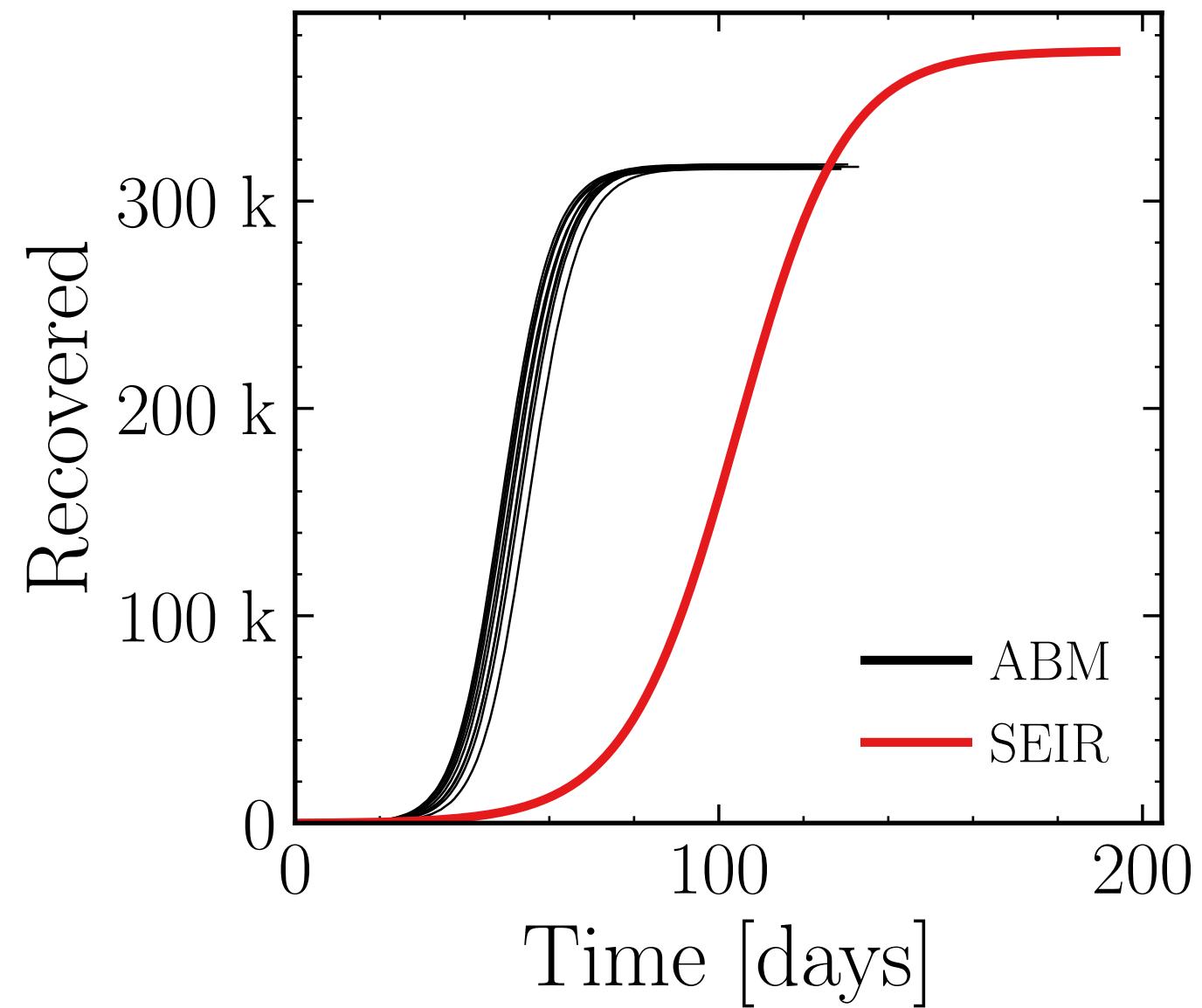
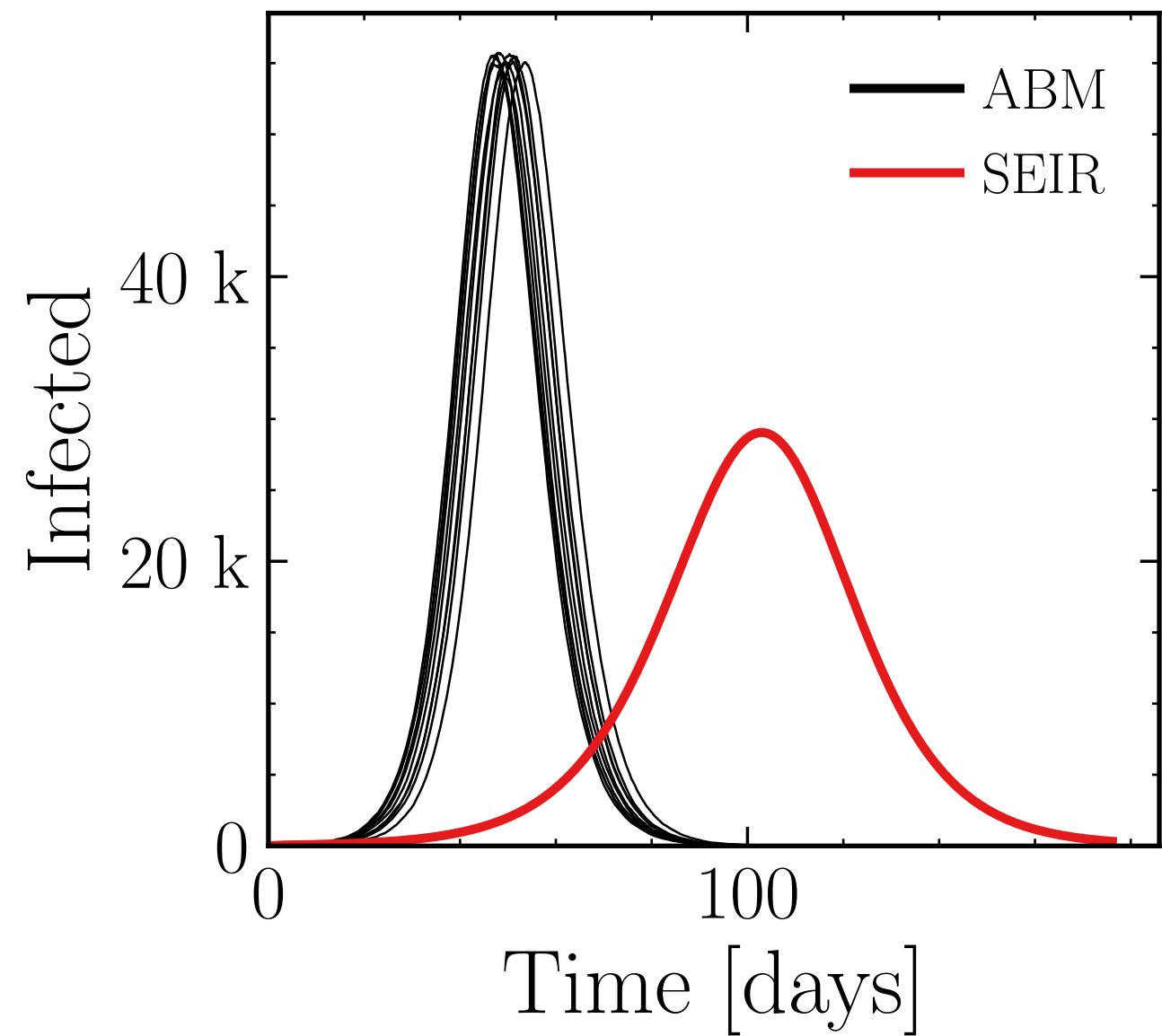
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (55.2 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 4fe59a06db, #10

$R_\infty^{\text{ABM}} = (316.7 \pm 0.081\%) \cdot 10^3$



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

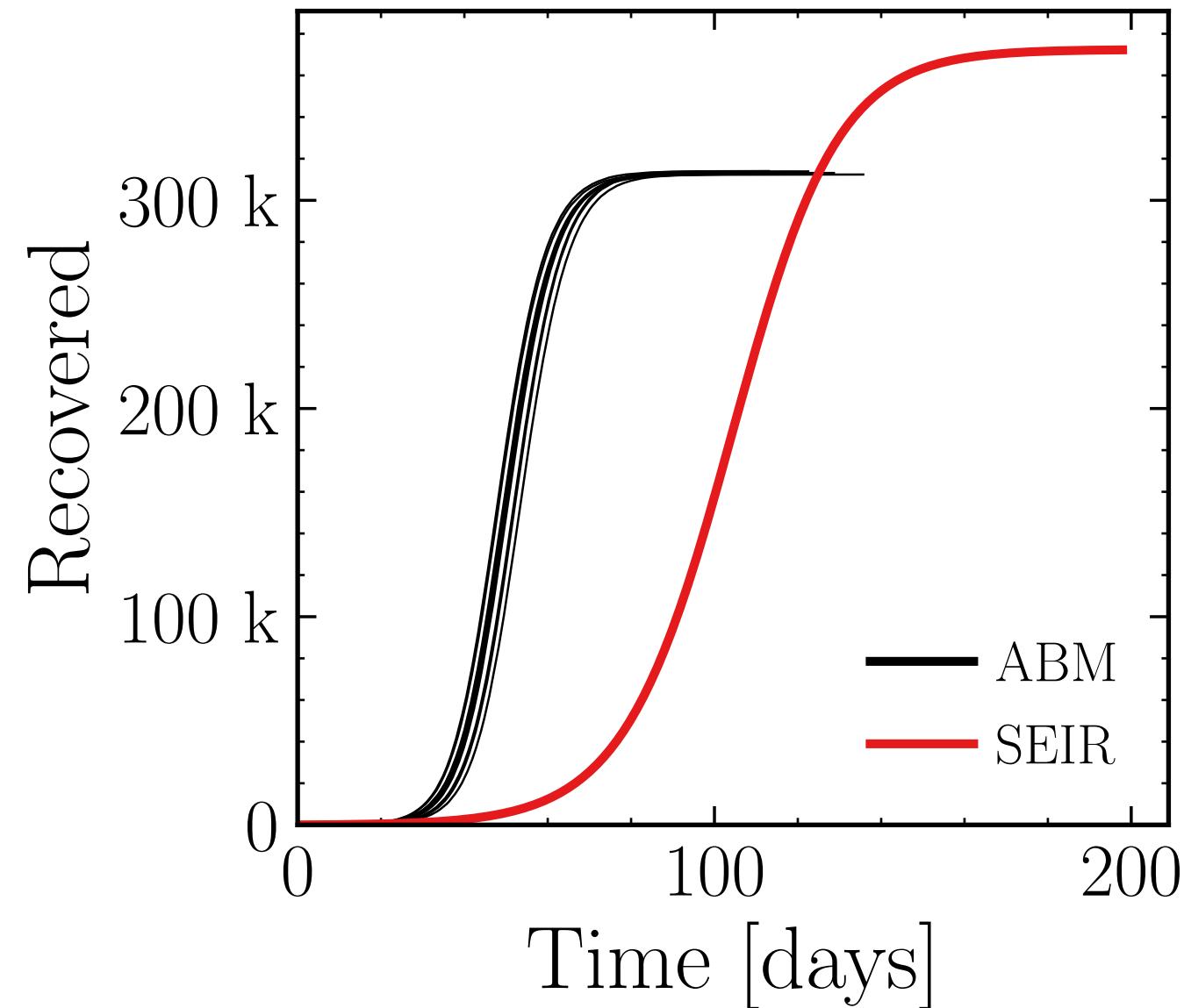
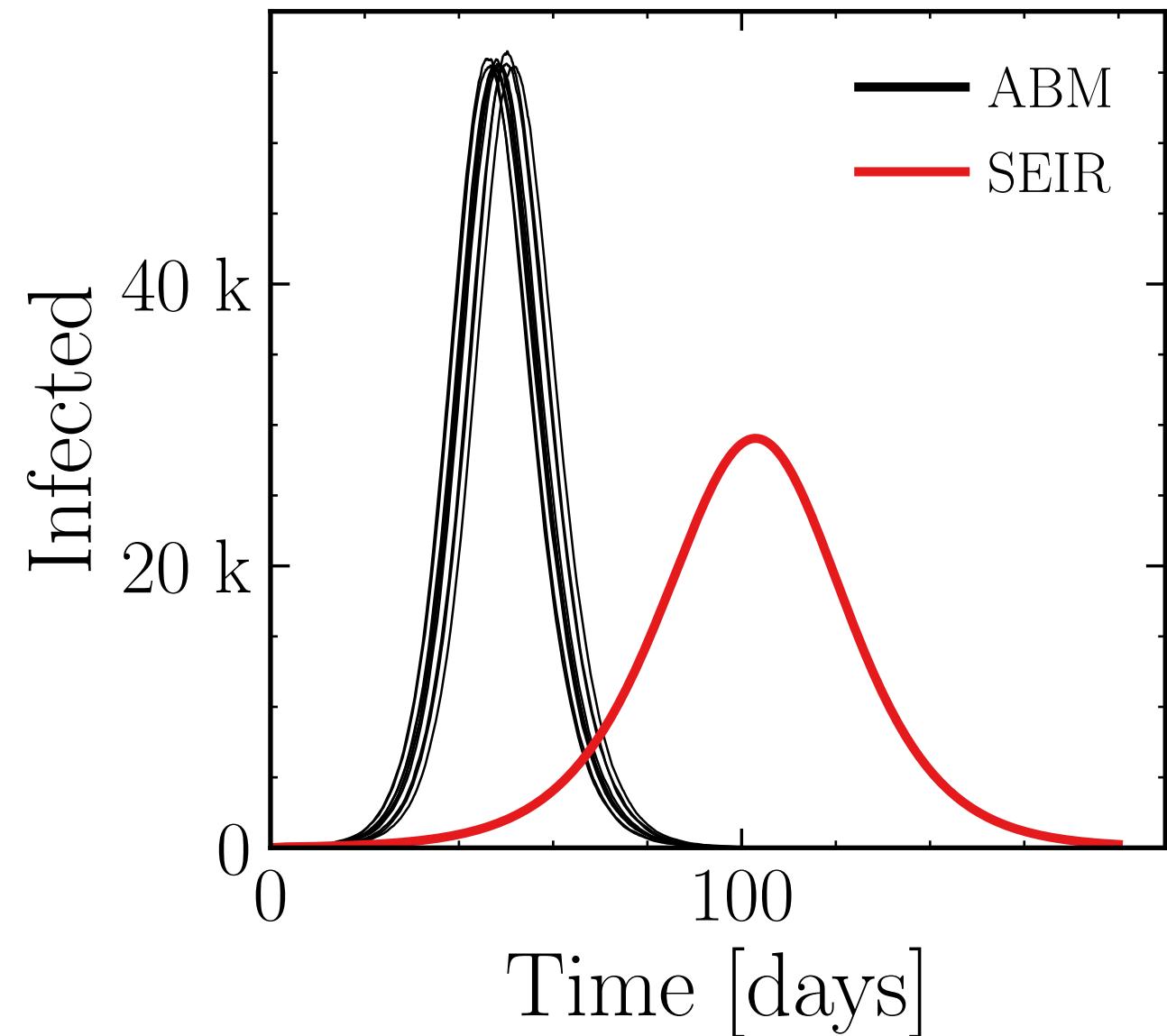
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (55.7 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 280cfaf1dfc, #10

$R_\infty^{\text{ABM}} = (313.2 \pm 0.059\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

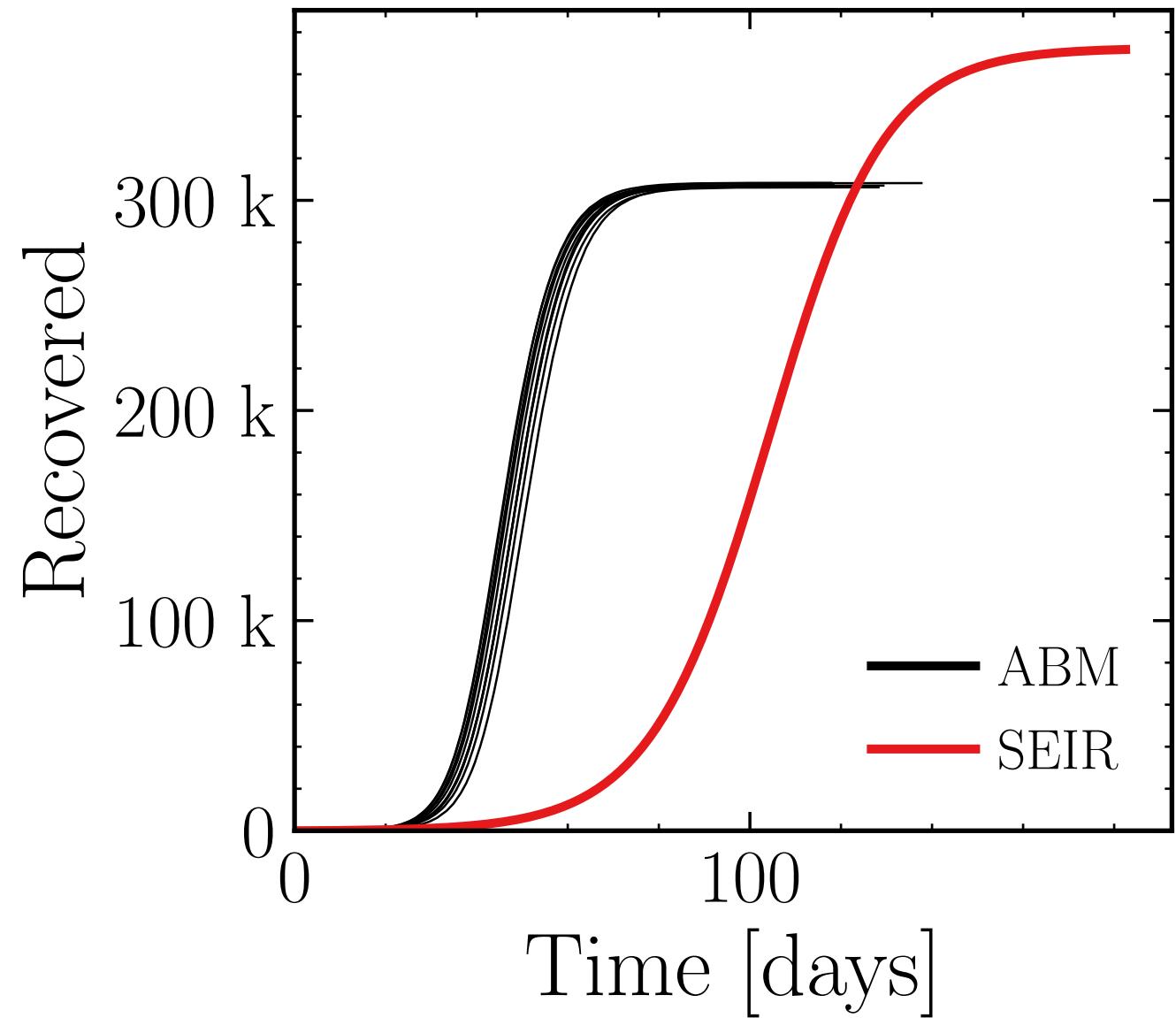
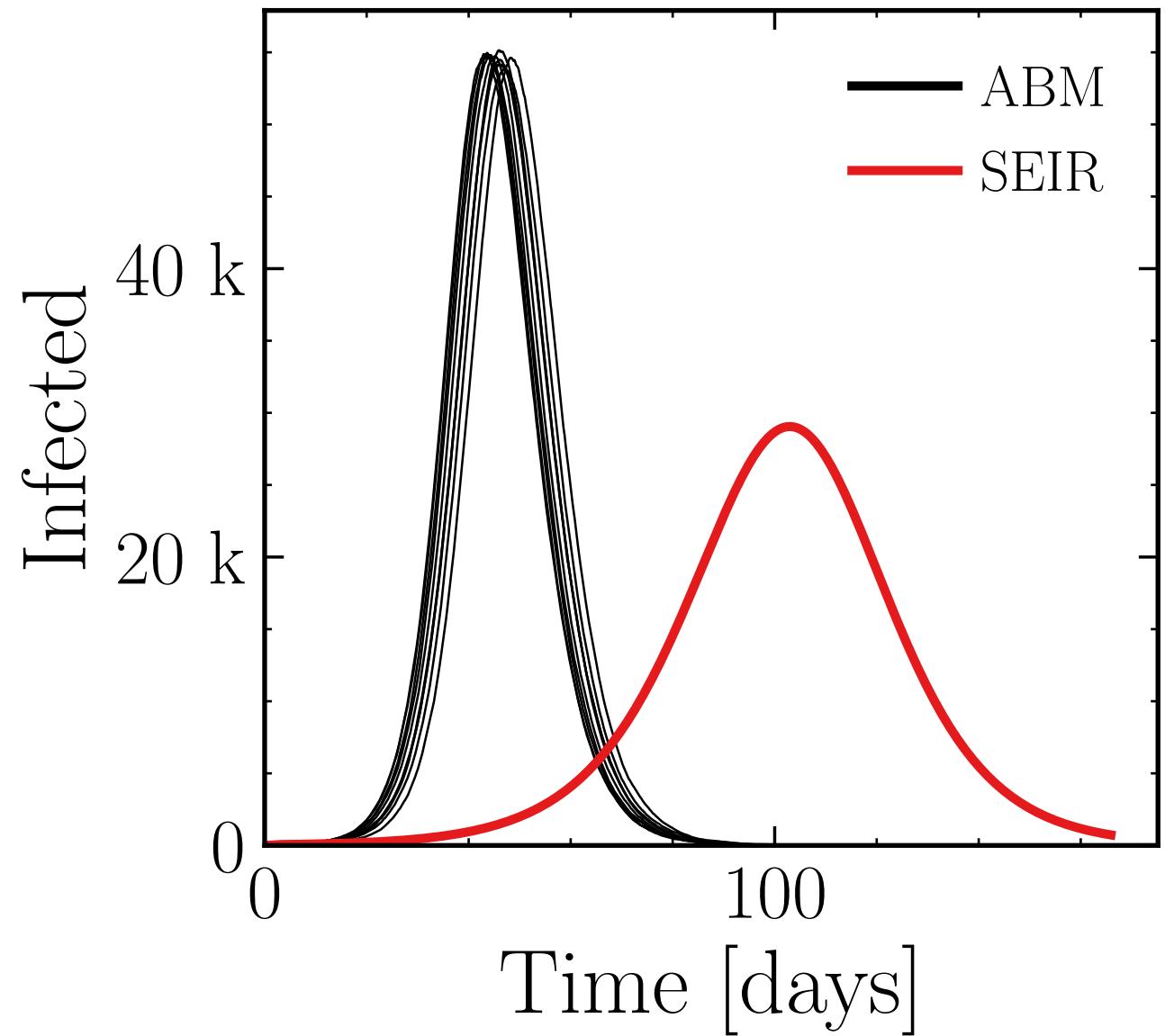
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (54.7 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 9000340832, #10

$R_{\infty}^{\text{ABM}} = (307.1 \pm 0.067\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

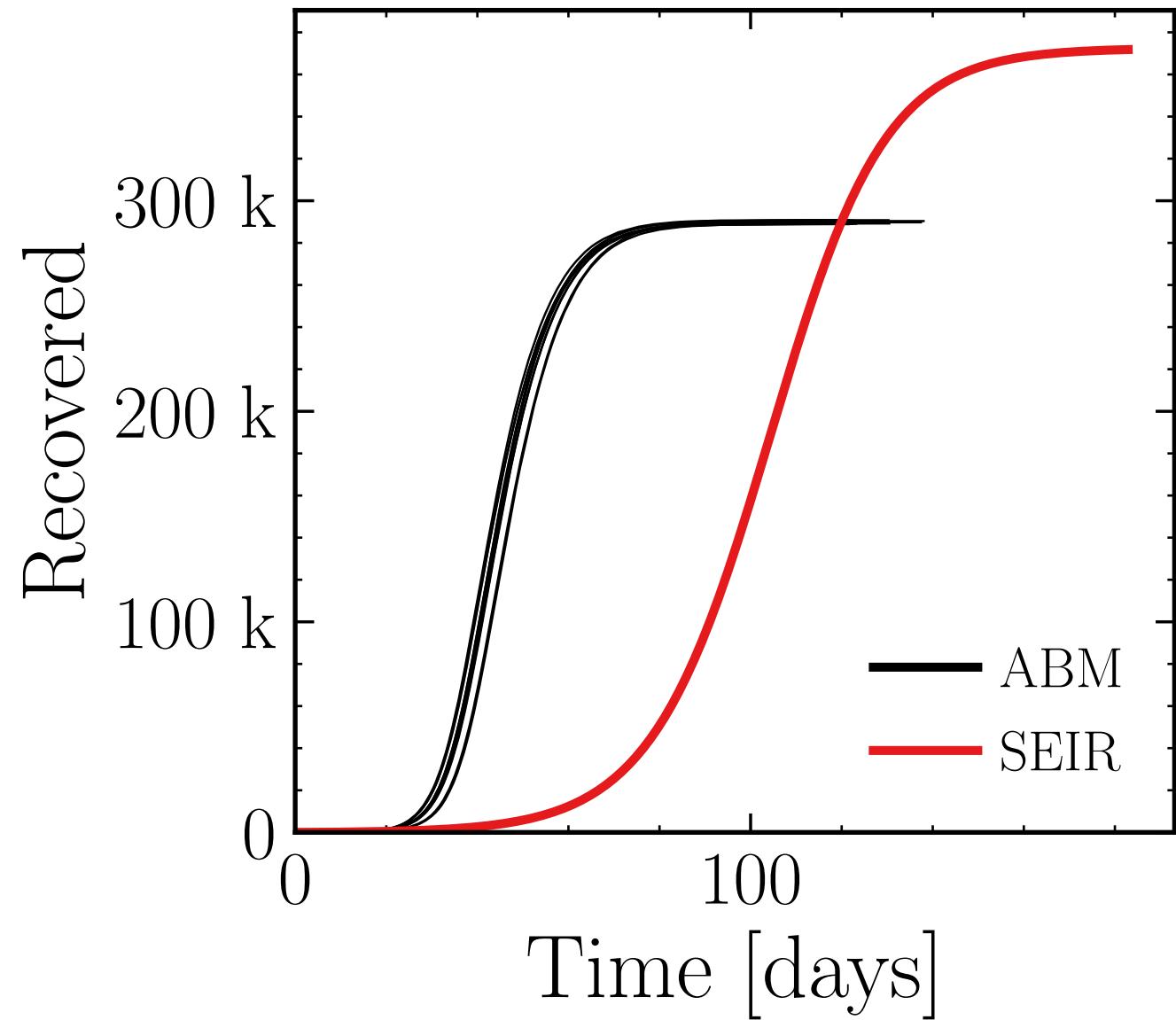
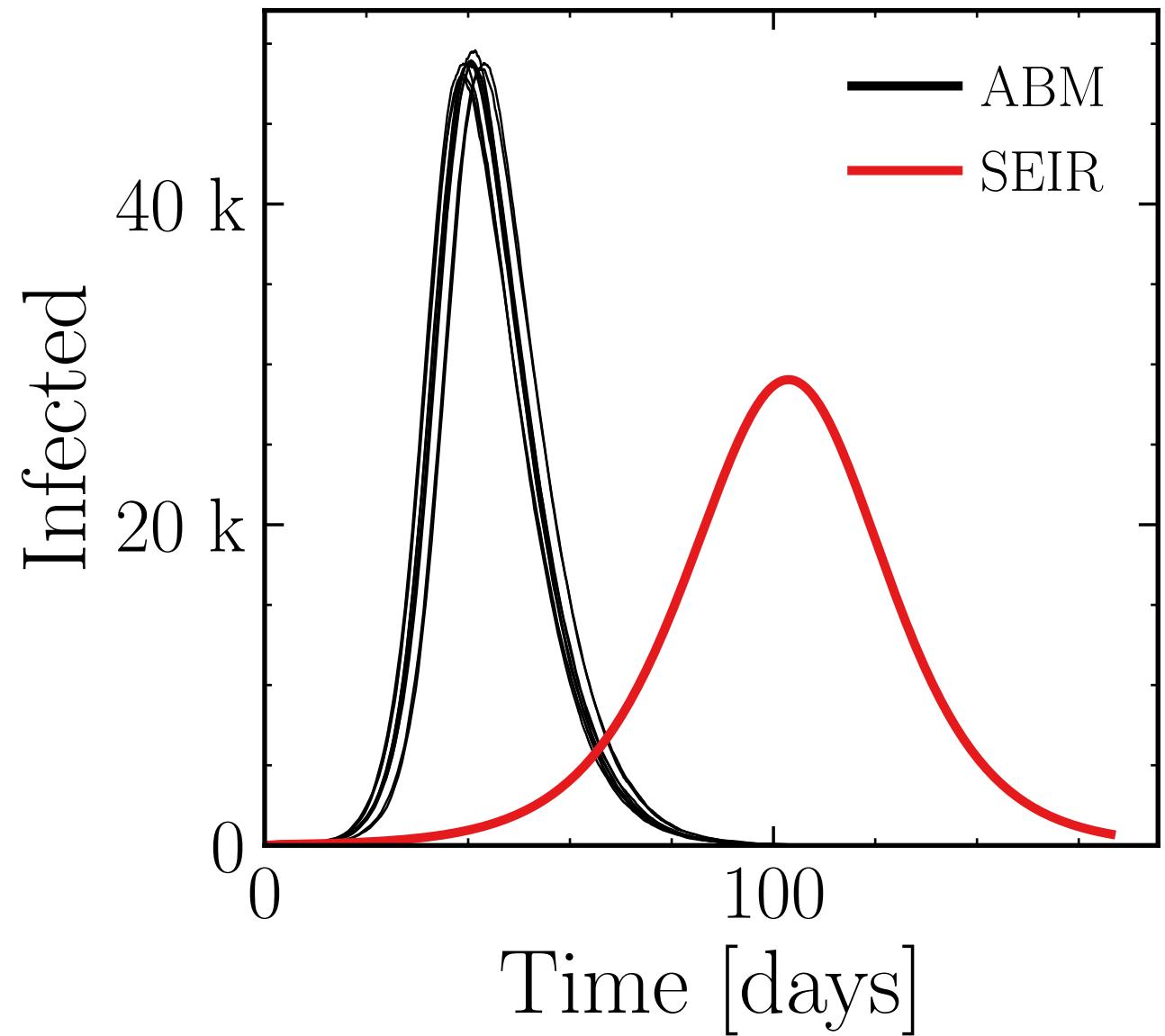
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (48.7 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 02b10d7291, #10

$R_\infty^{\text{ABM}} = (289.8 \pm 0.08\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

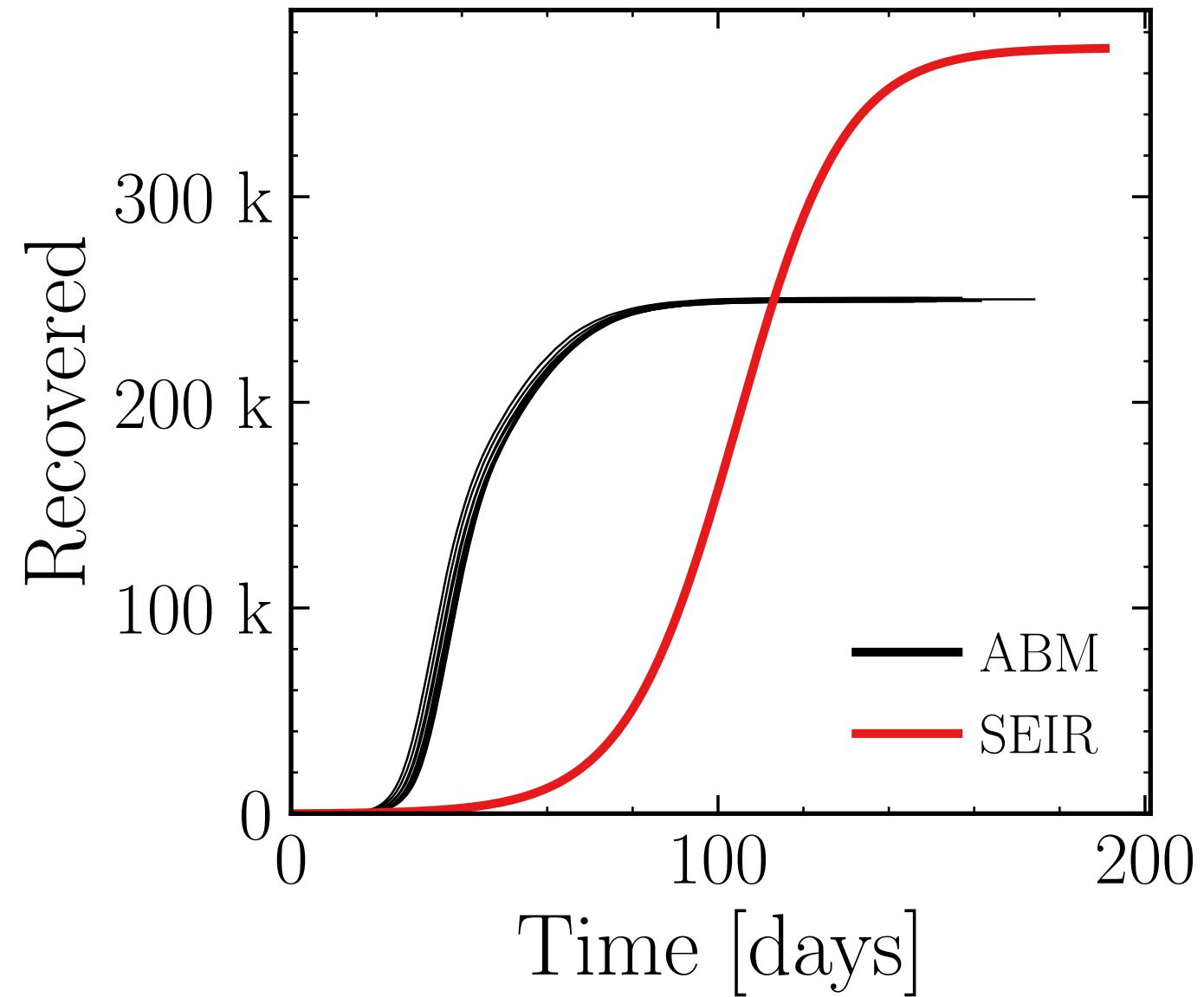
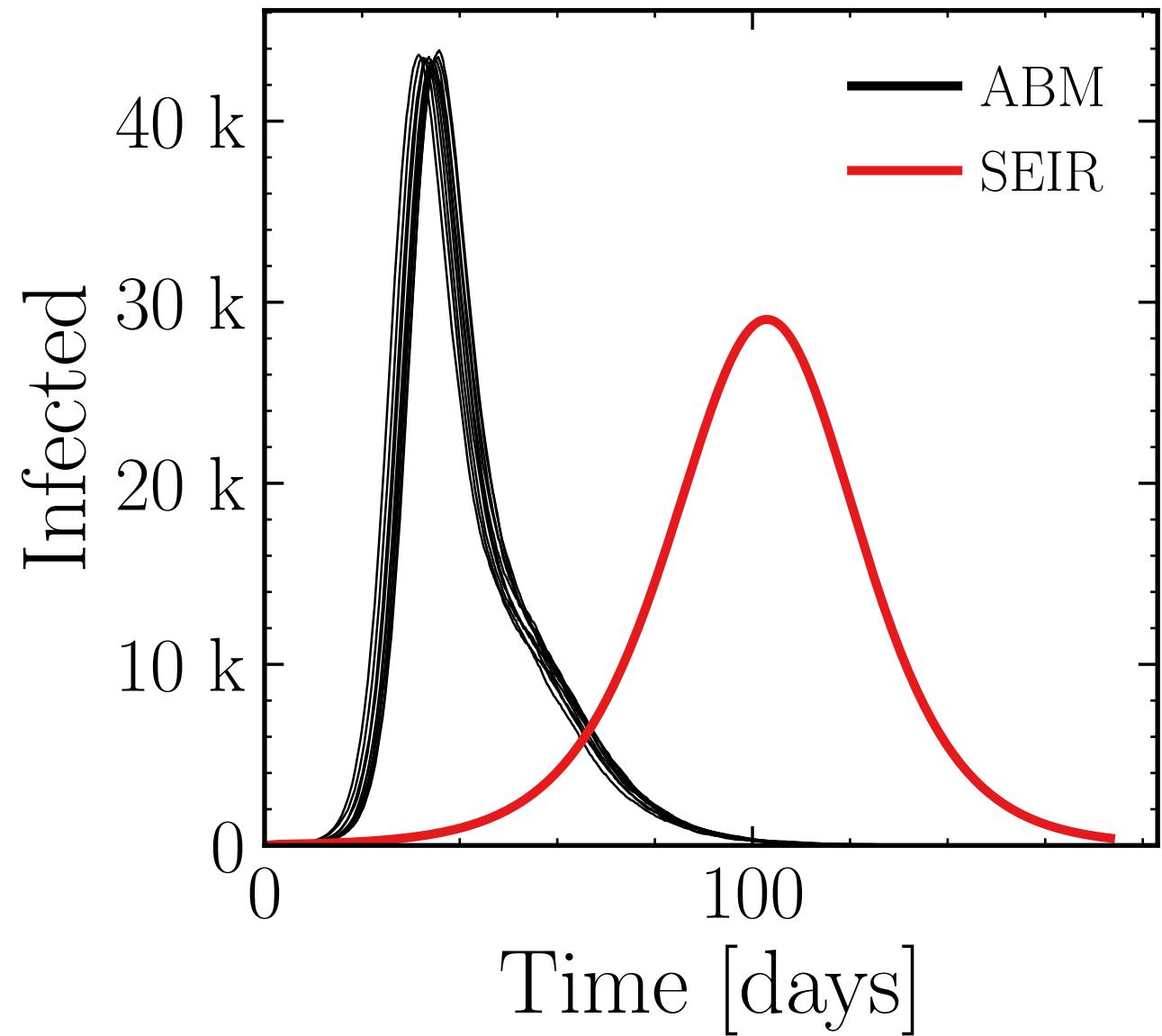
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (43.43 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = ded4e51df0, #10

$R_{\infty}^{\text{ABM}} = (249.9 \pm 0.084\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

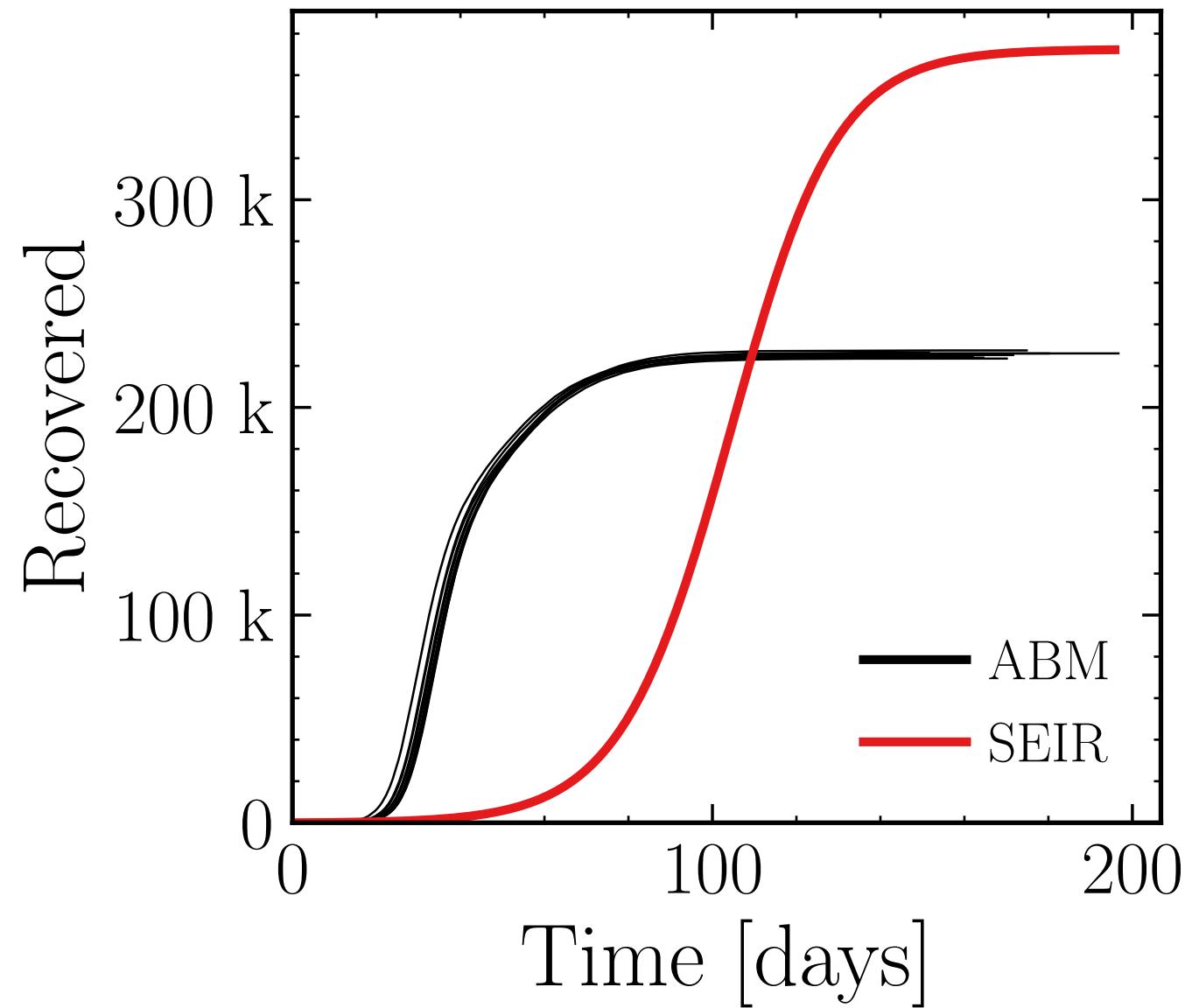
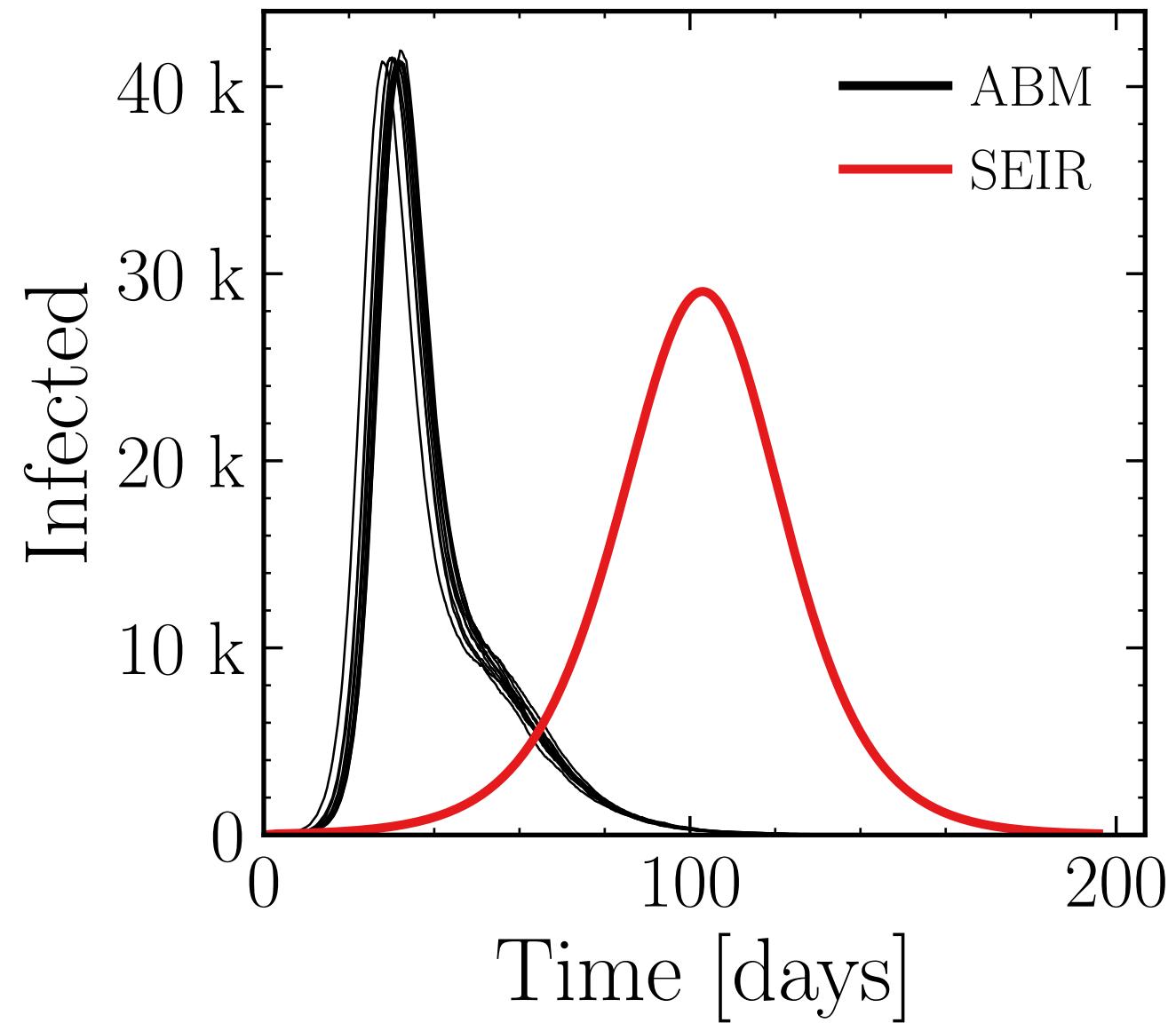
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (41.44 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 1ca05d43fe, #10

$R_{\infty}^{\text{ABM}} = (225.4 \pm 0.15\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

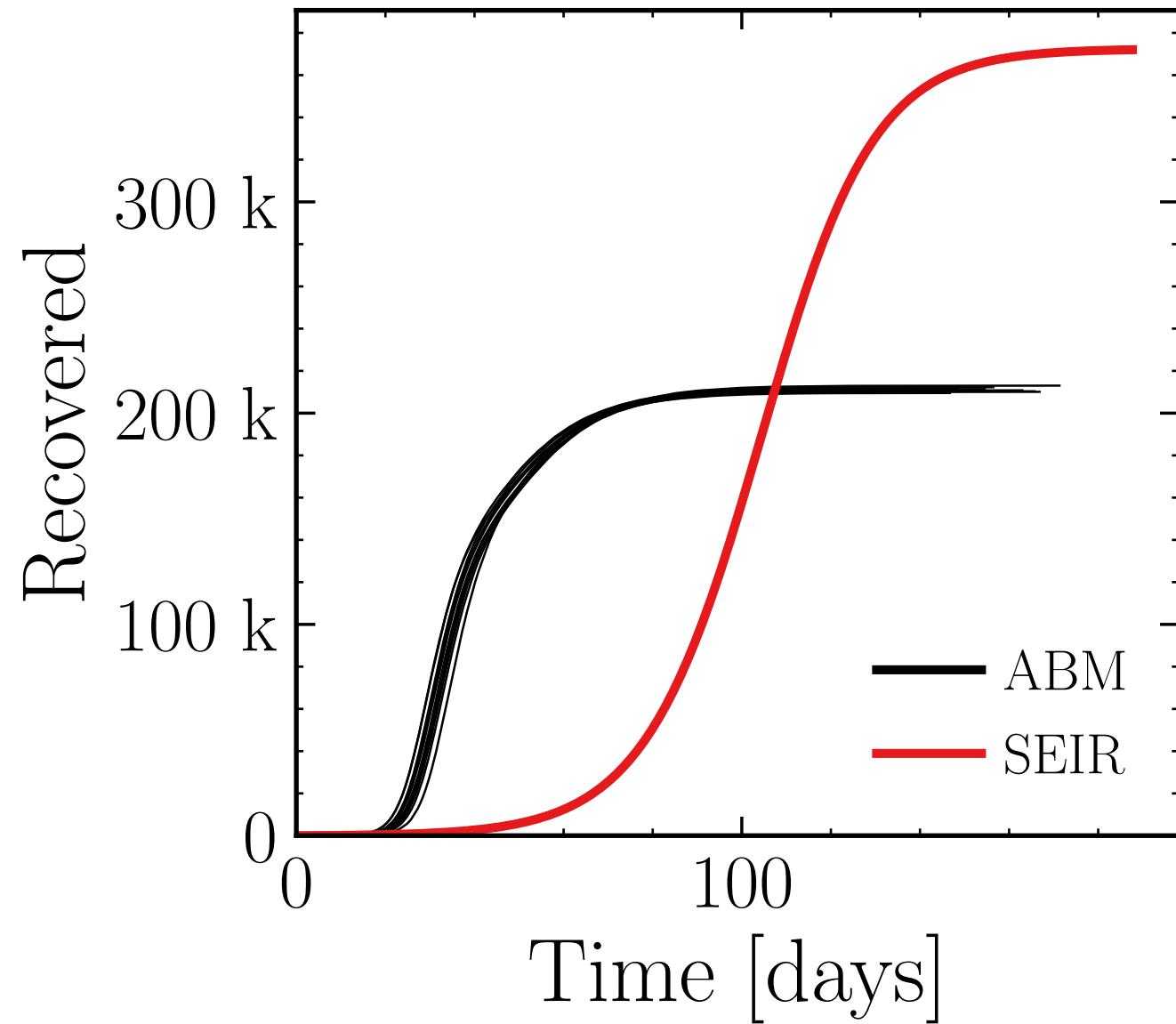
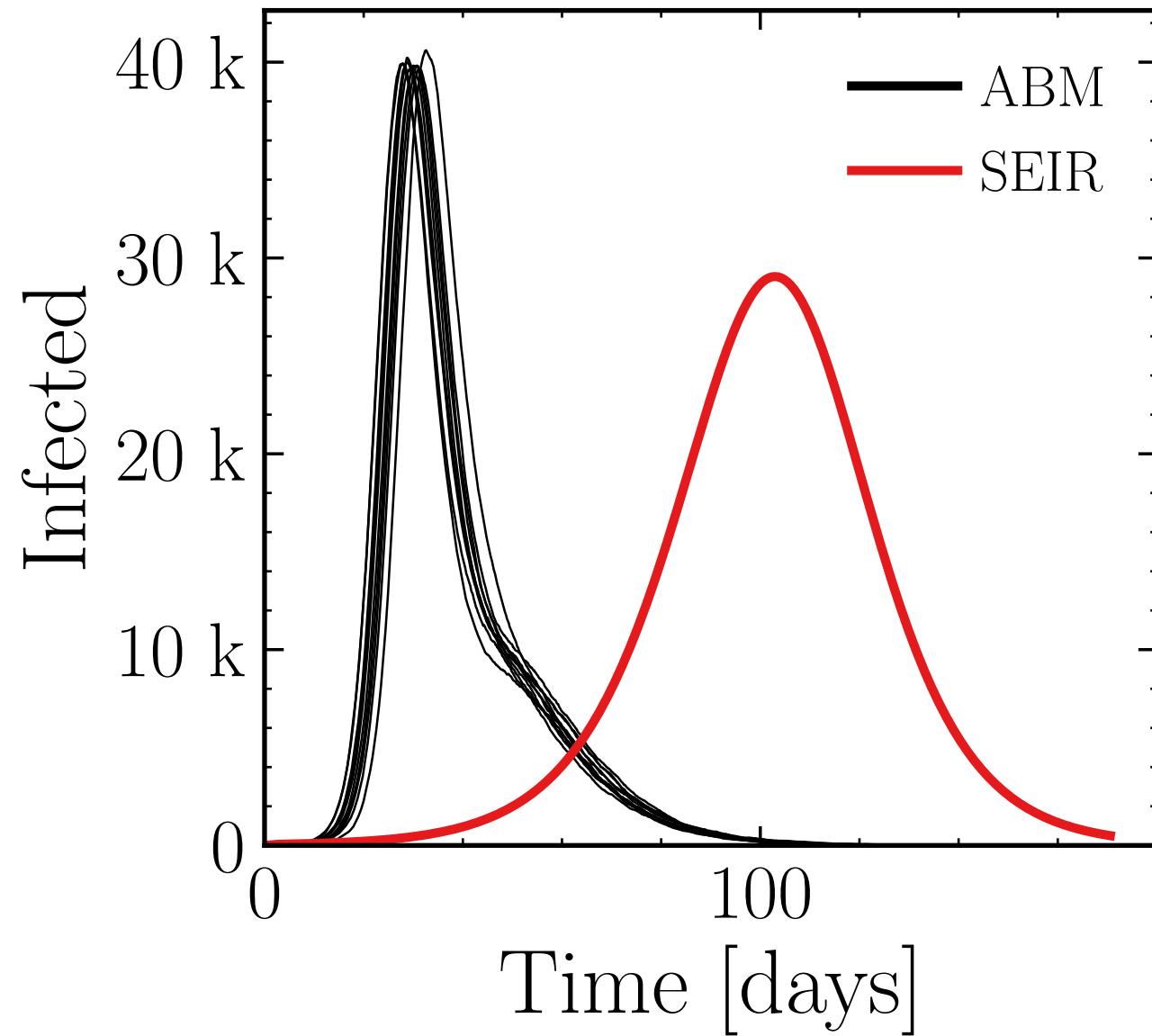
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (39.93 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 40620c7057, #10

$R_\infty^{\text{ABM}} = (211.1 \pm 0.15\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

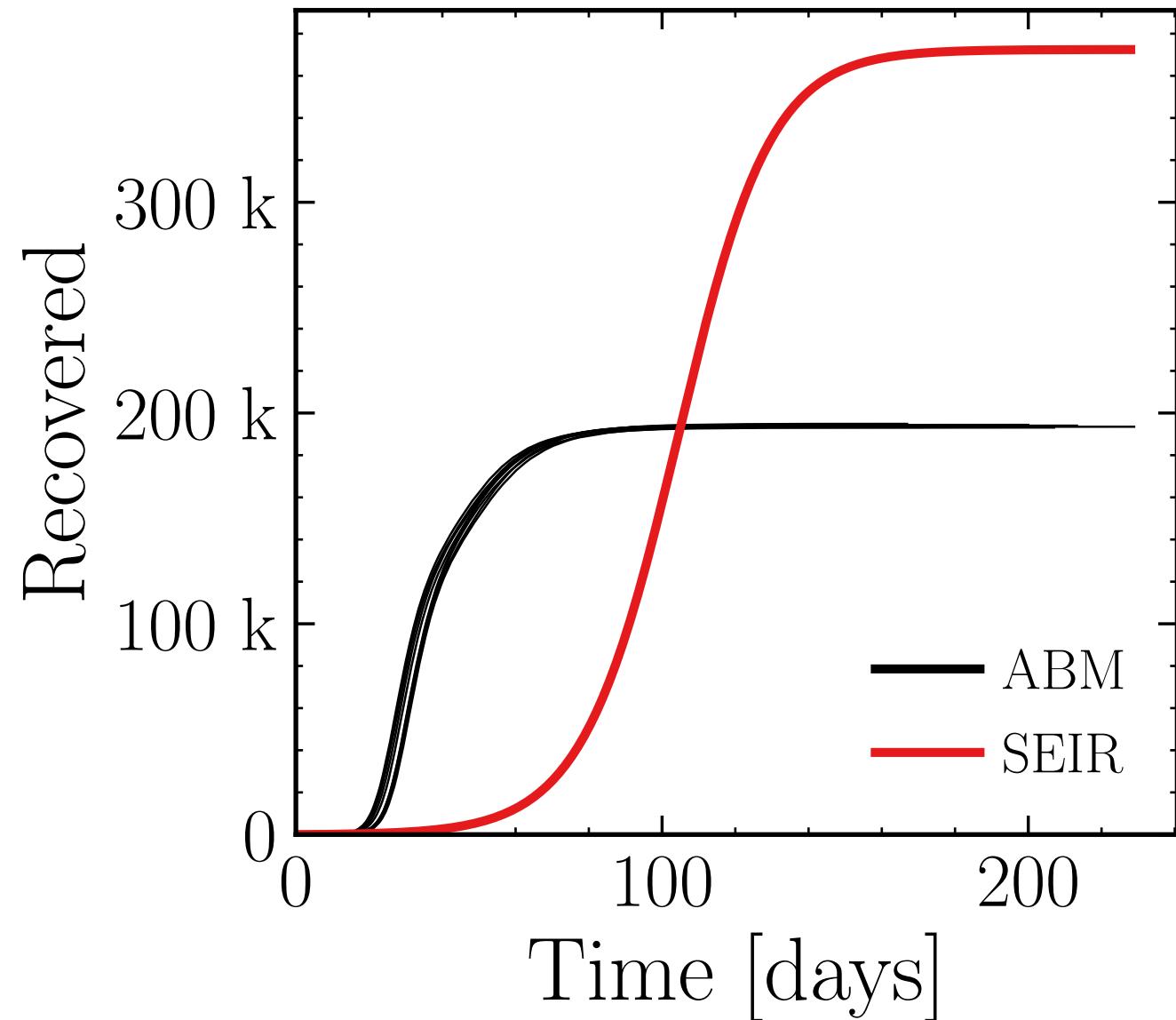
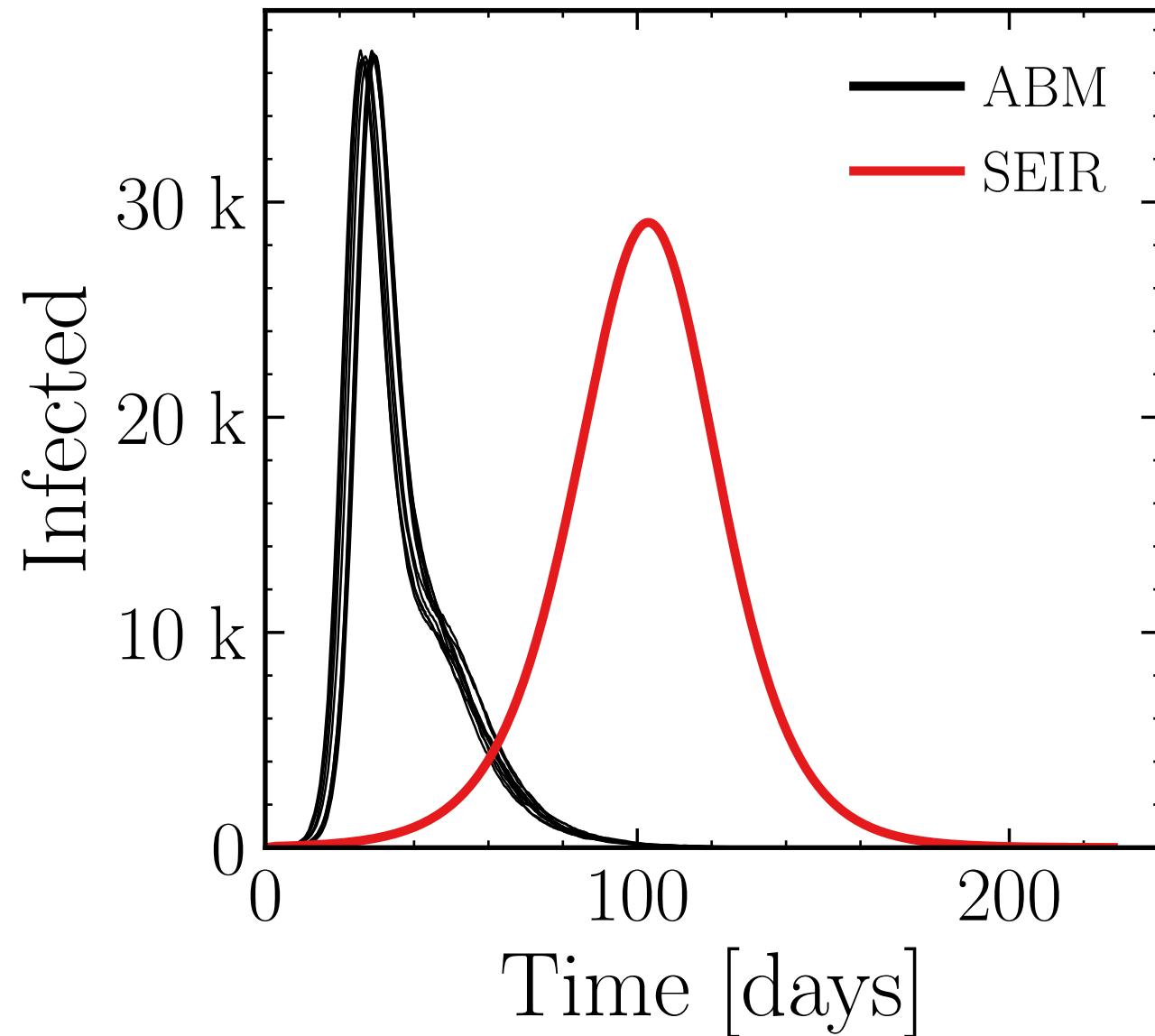
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (36.78 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 087beababb, #10

$R_{\infty}^{\text{ABM}} = (194 \pm 0.089\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

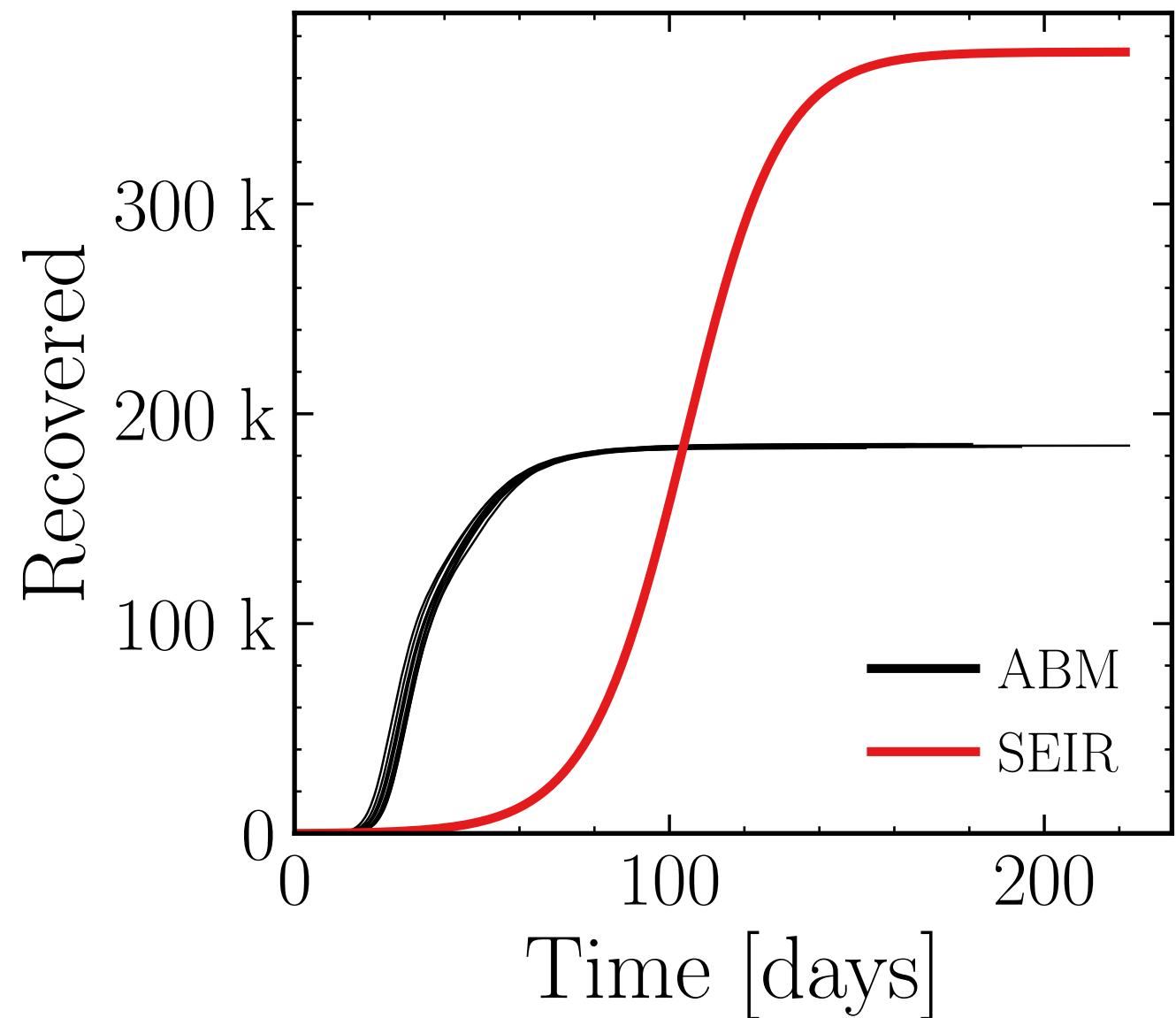
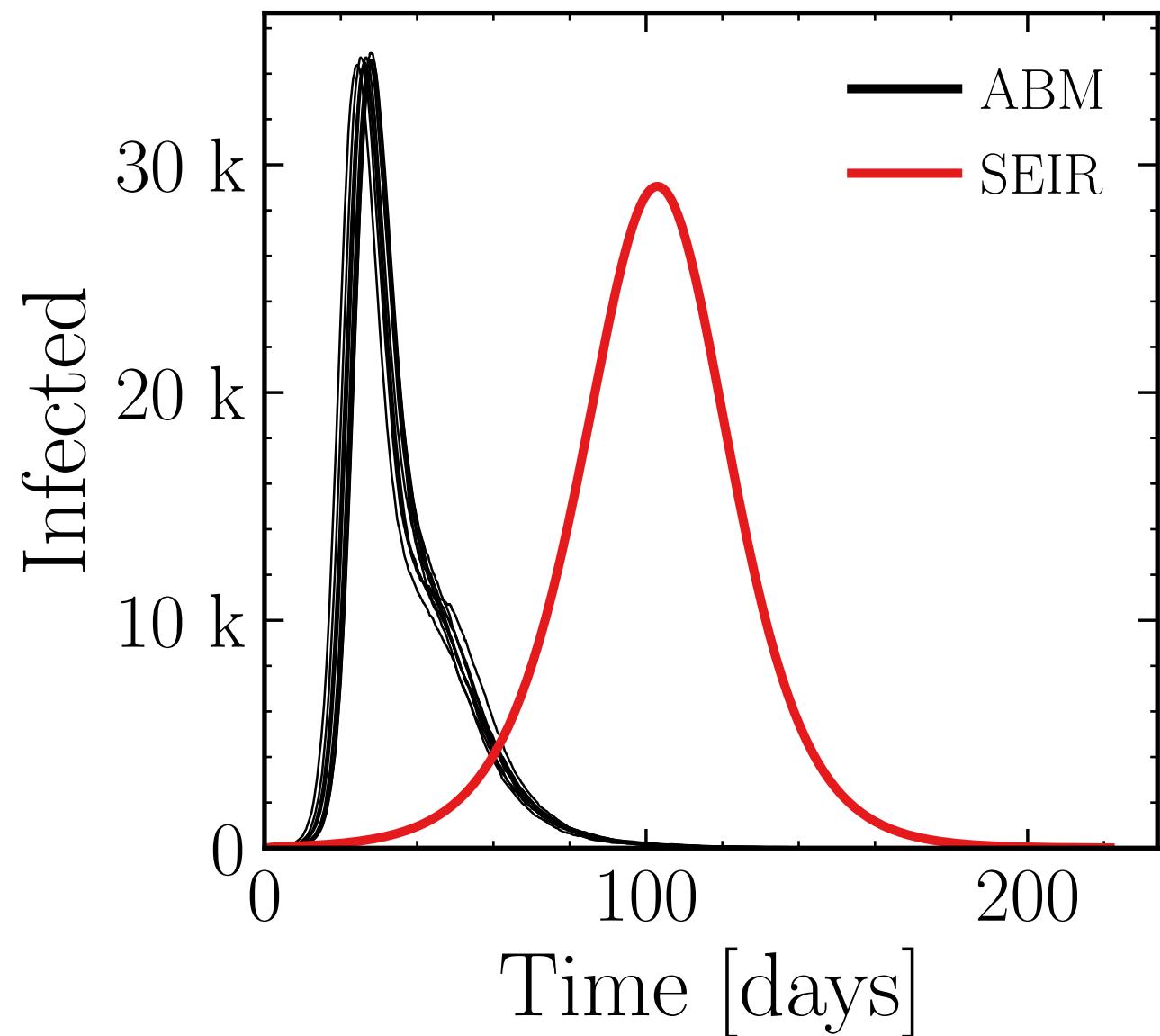
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (34.55 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = c6af205b7d, #10

$R_{\infty}^{\text{ABM}} = (184.7 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

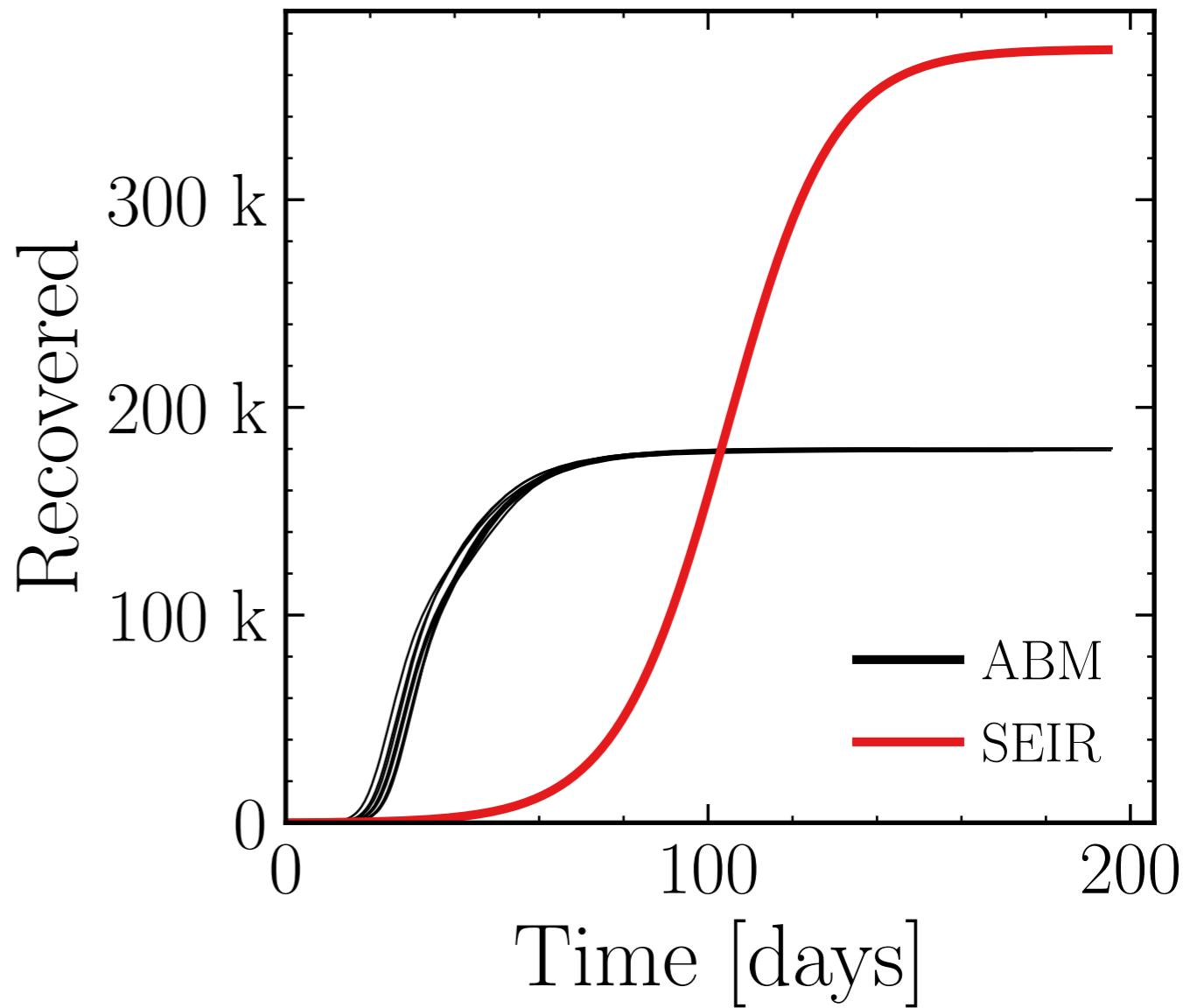
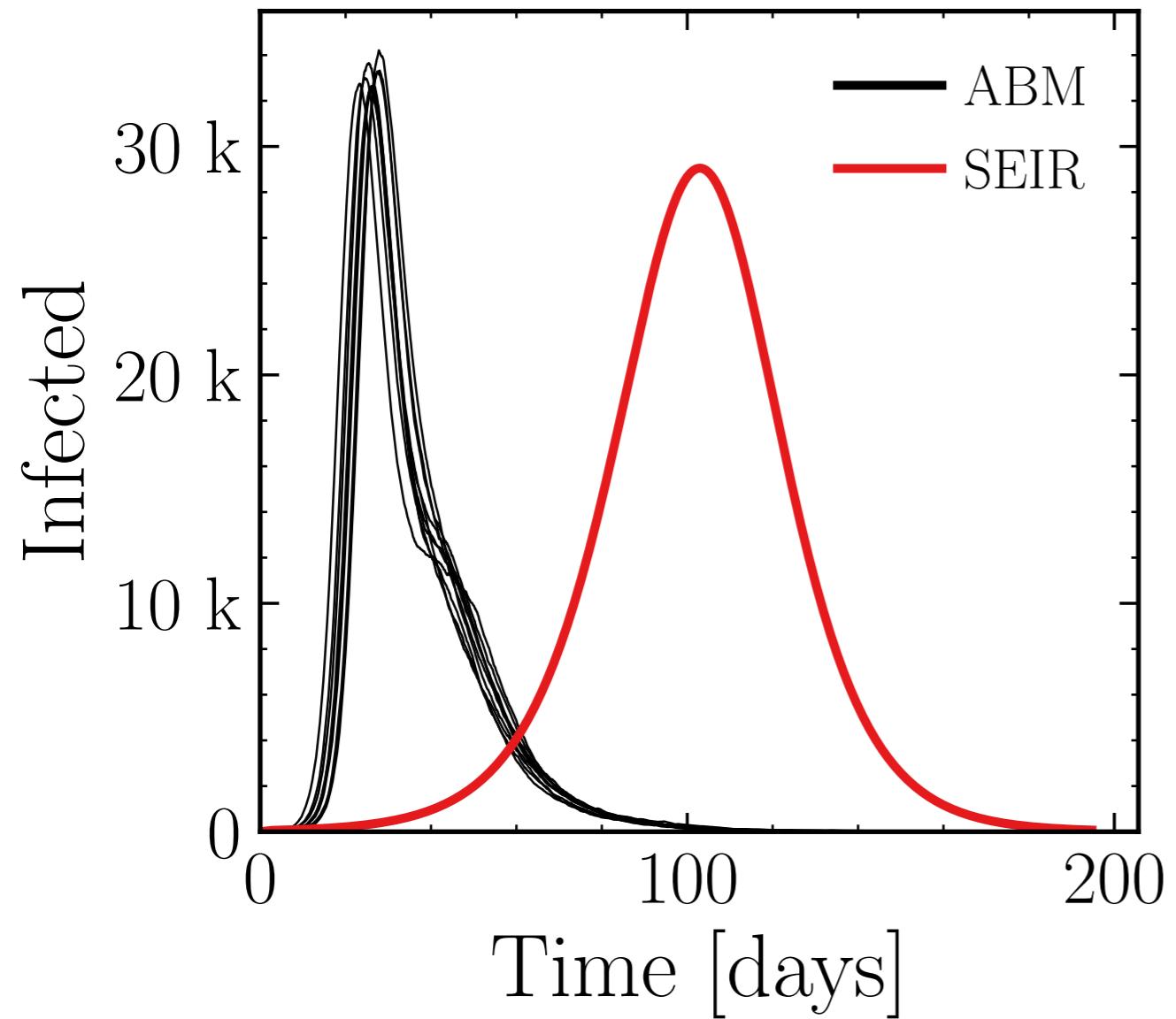
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33 \pm 0.52\%) \cdot 10^3$

v. = 1.0, hash = 603e89ed6f, #10

$R_{\infty}^{\text{ABM}} = (179.6 \pm 0.072\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

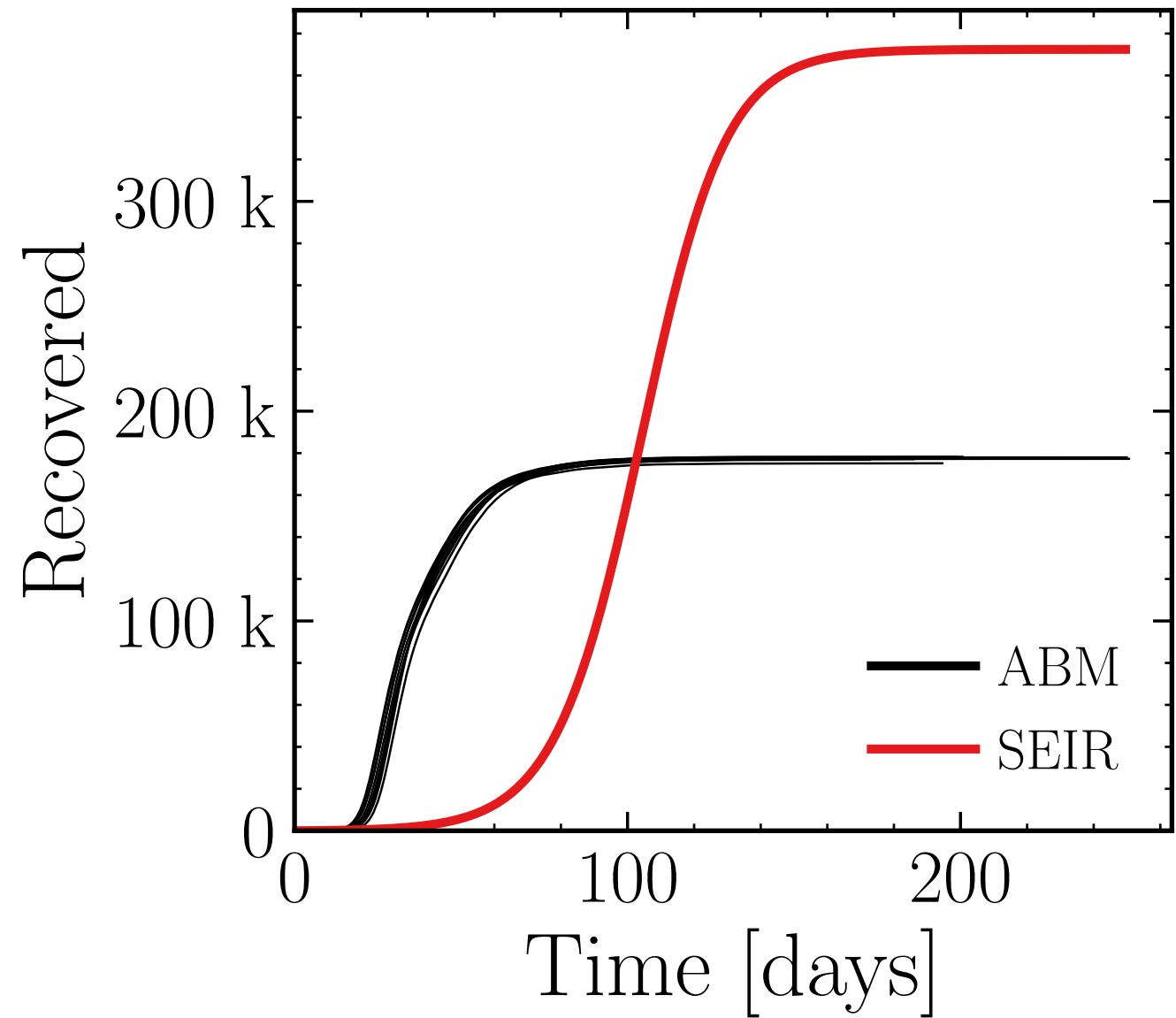
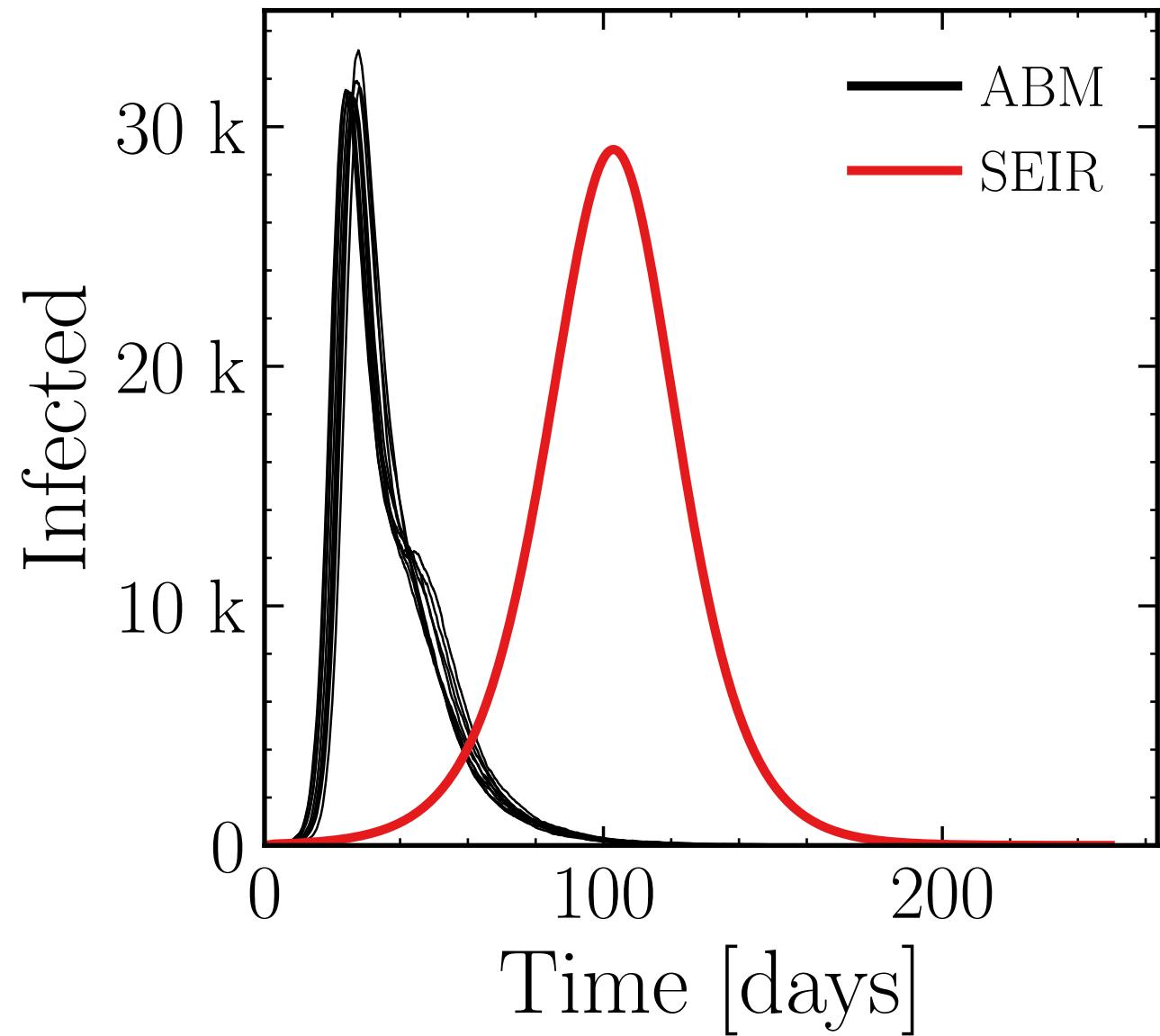
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (31.6 \pm 0.56\%) \cdot 10^3$

v. = 1.0, hash = 7c1f1f111f, #10

$R_\infty^{\text{ABM}} = (177.2 \pm 0.15\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

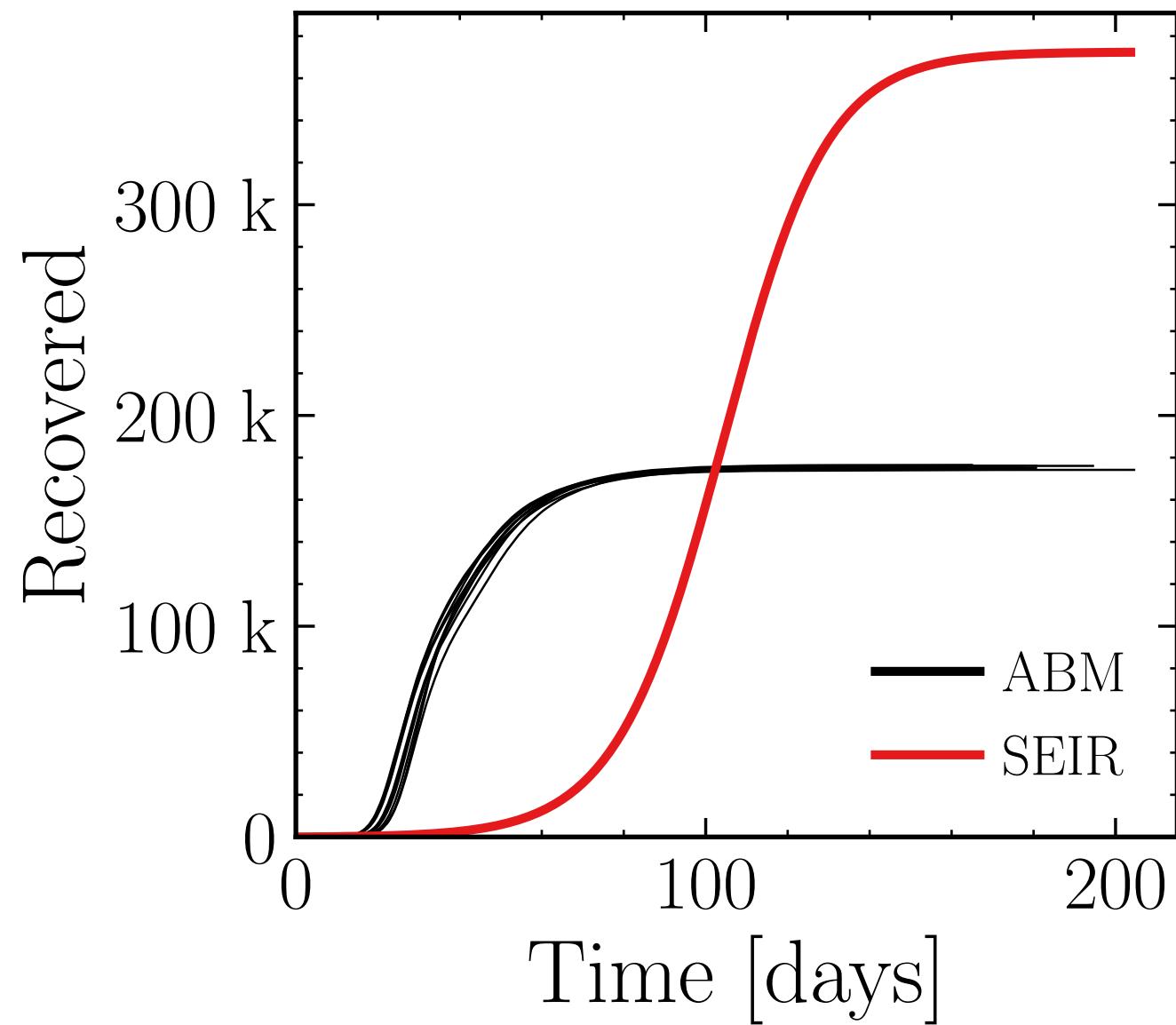
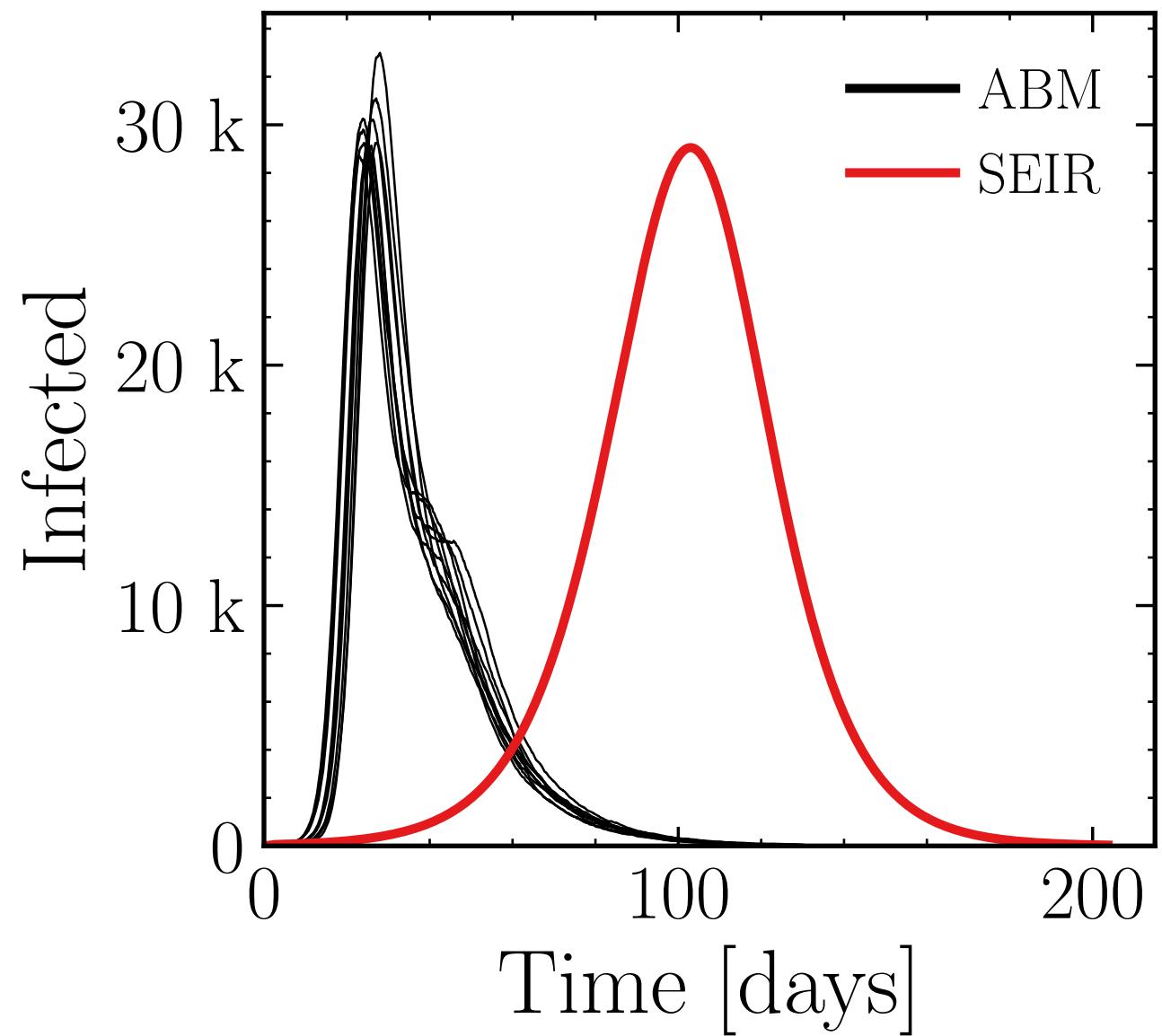
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (30 \pm 1.3\%) \cdot 10^3$

v. = 1.0, hash = 43609ee160, #10

$R_\infty^{\text{ABM}} = (175.5 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

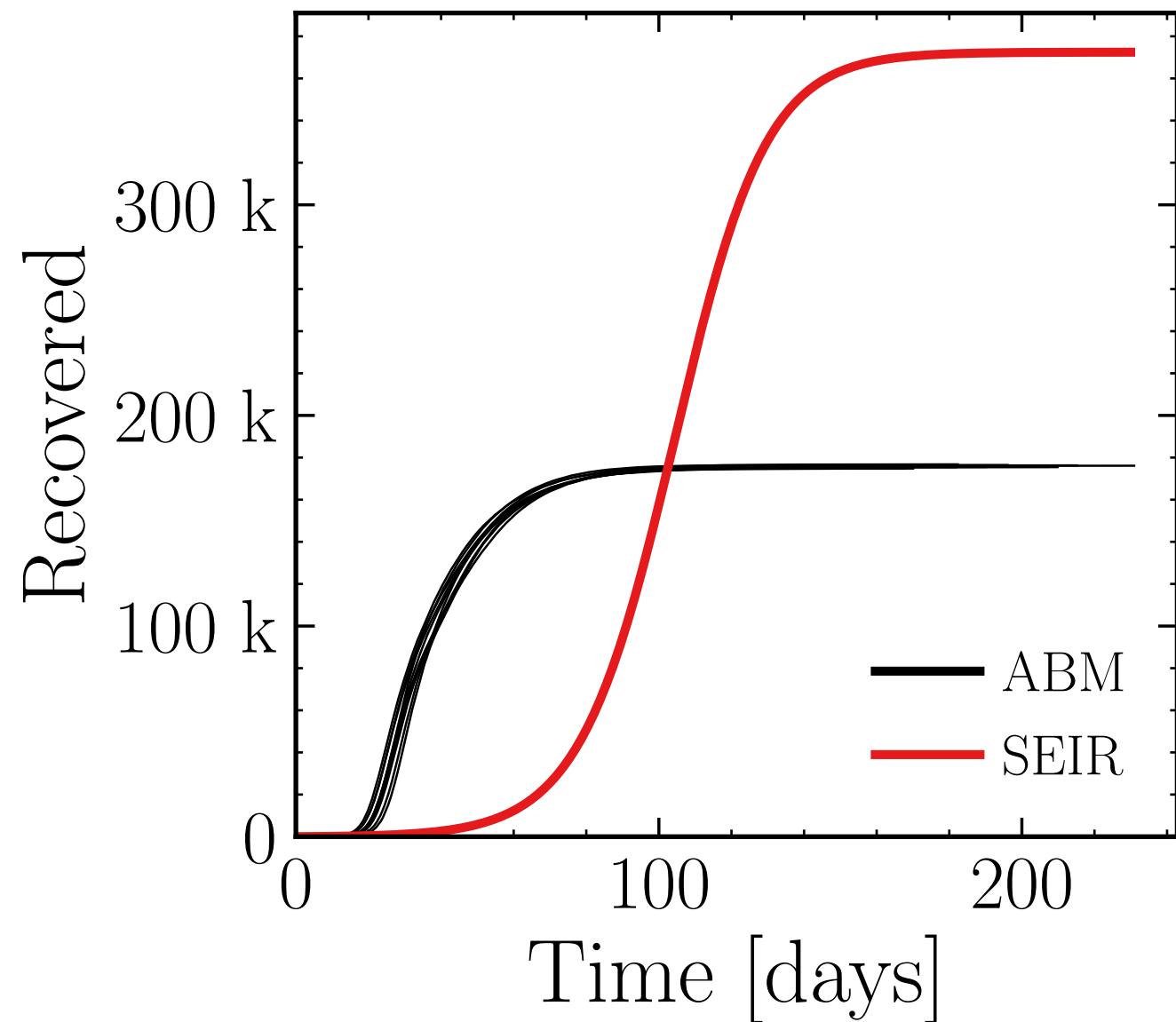
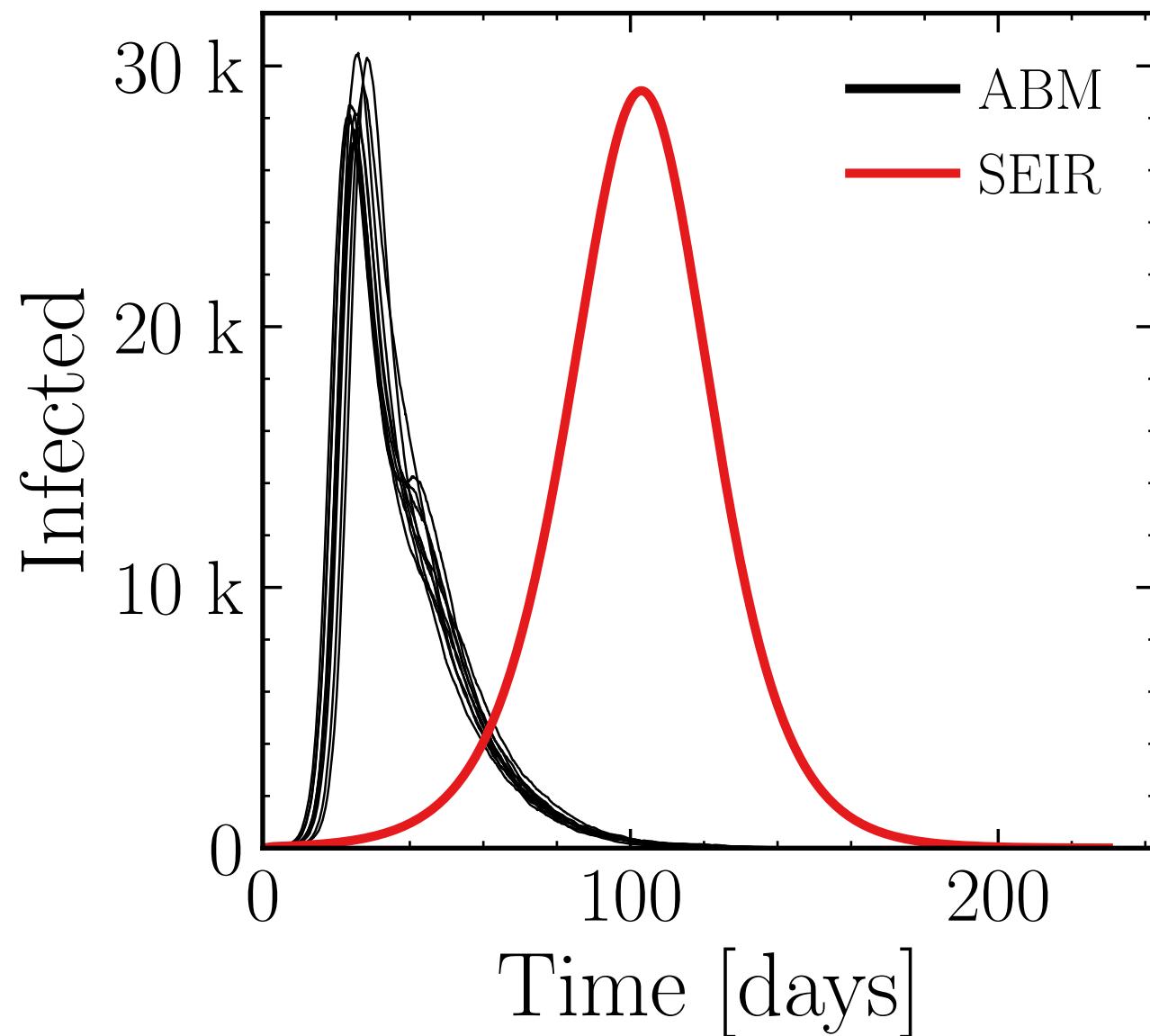
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (28.4 \pm 1.3\%) \cdot 10^3$

v. = 1.0, hash = 3eb7f64a2f, #10

$R_\infty^{\text{ABM}} = (175.7 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

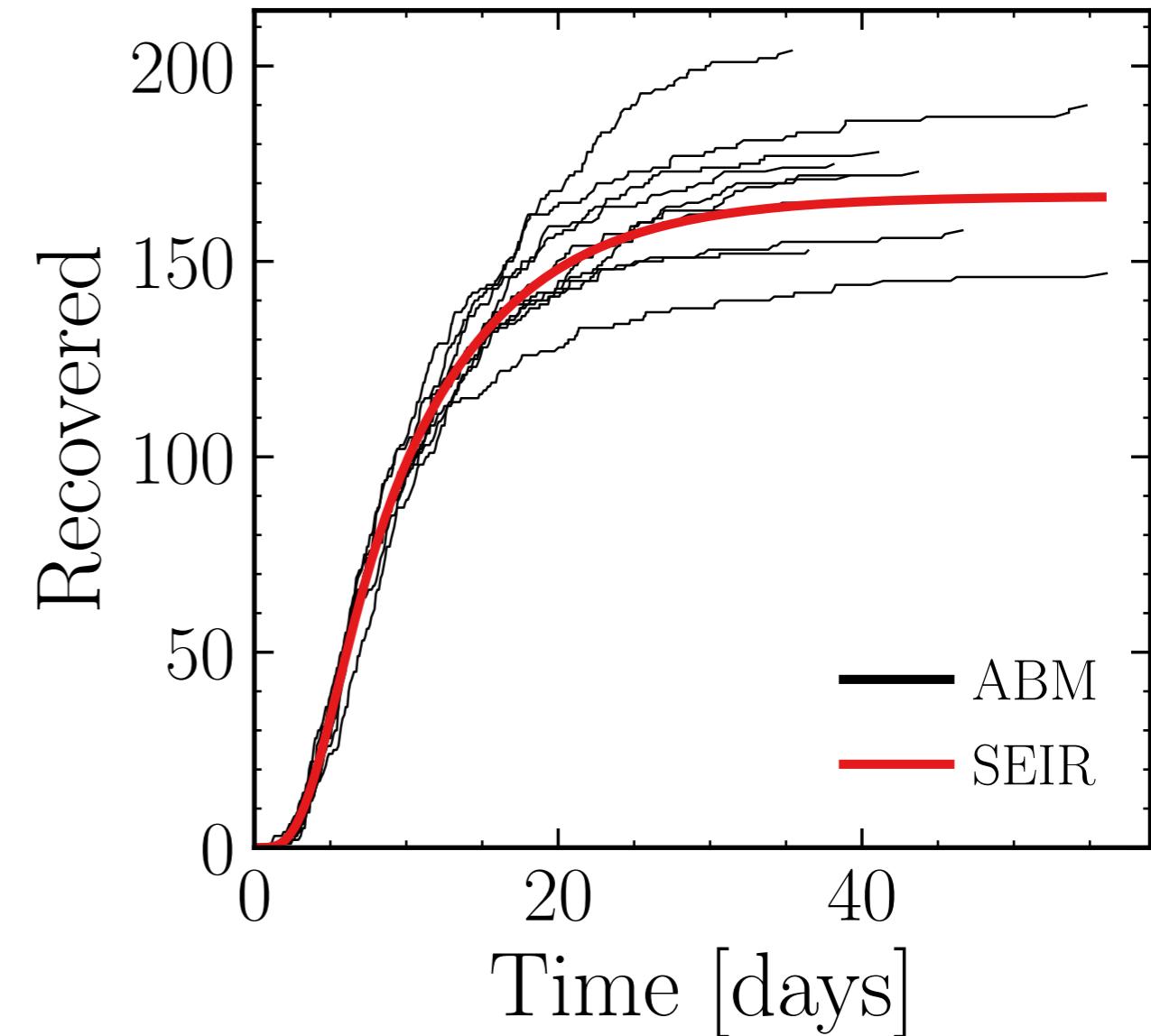
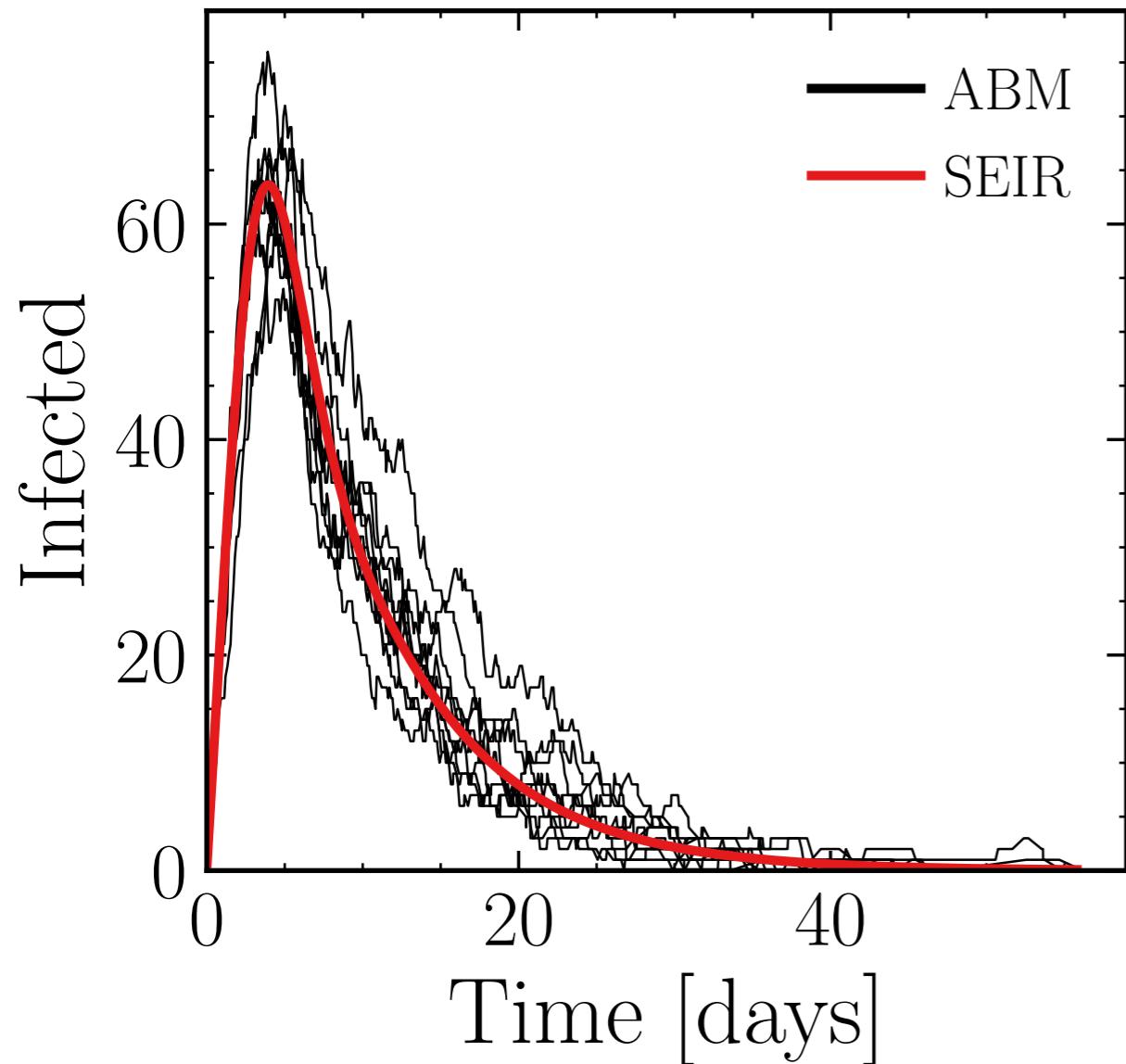
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

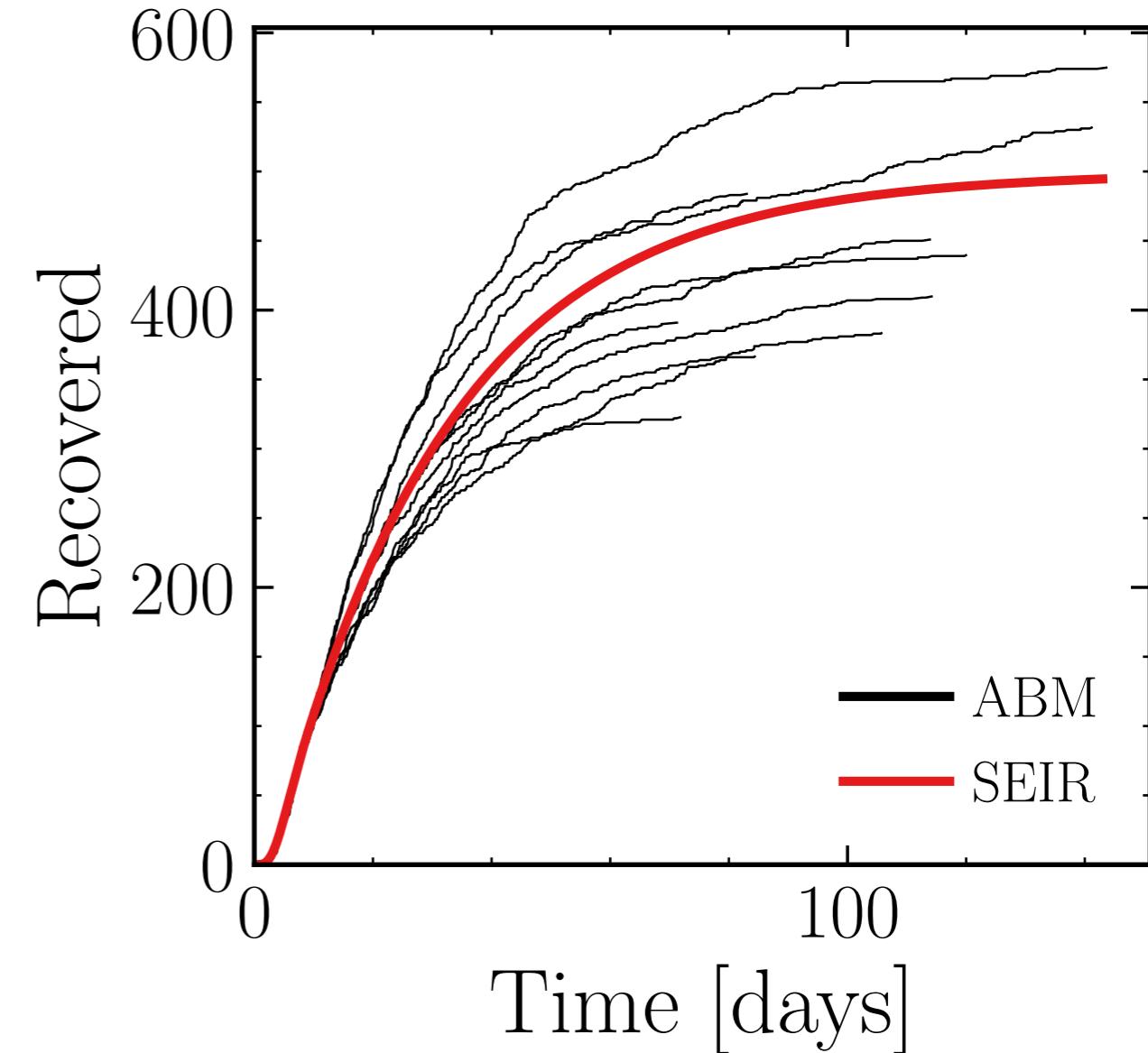
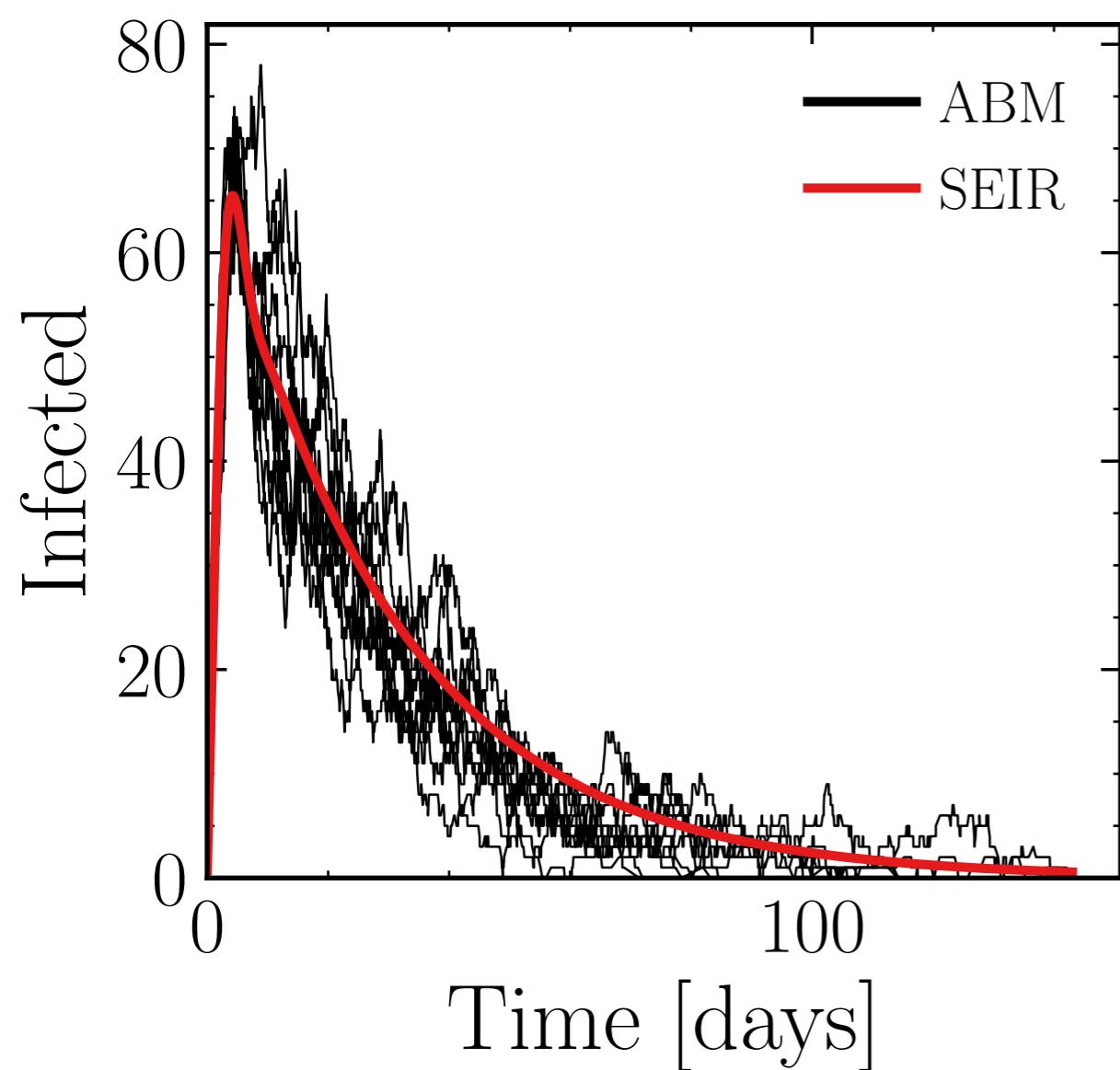
$I_{\text{max}}^{\text{ABM}} = (66 \pm 2.0\%)$.

v. = 1.0, hash = d291e83fd4, #10

$R_{\infty}^{\text{ABM}} = (172 \pm 3.0\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (70 \pm 1.8\%)$. v. = 1.0, hash = 07d16daf95, #10
 $R_\infty^{\text{ABM}} = (440 \pm 5.3\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 30.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

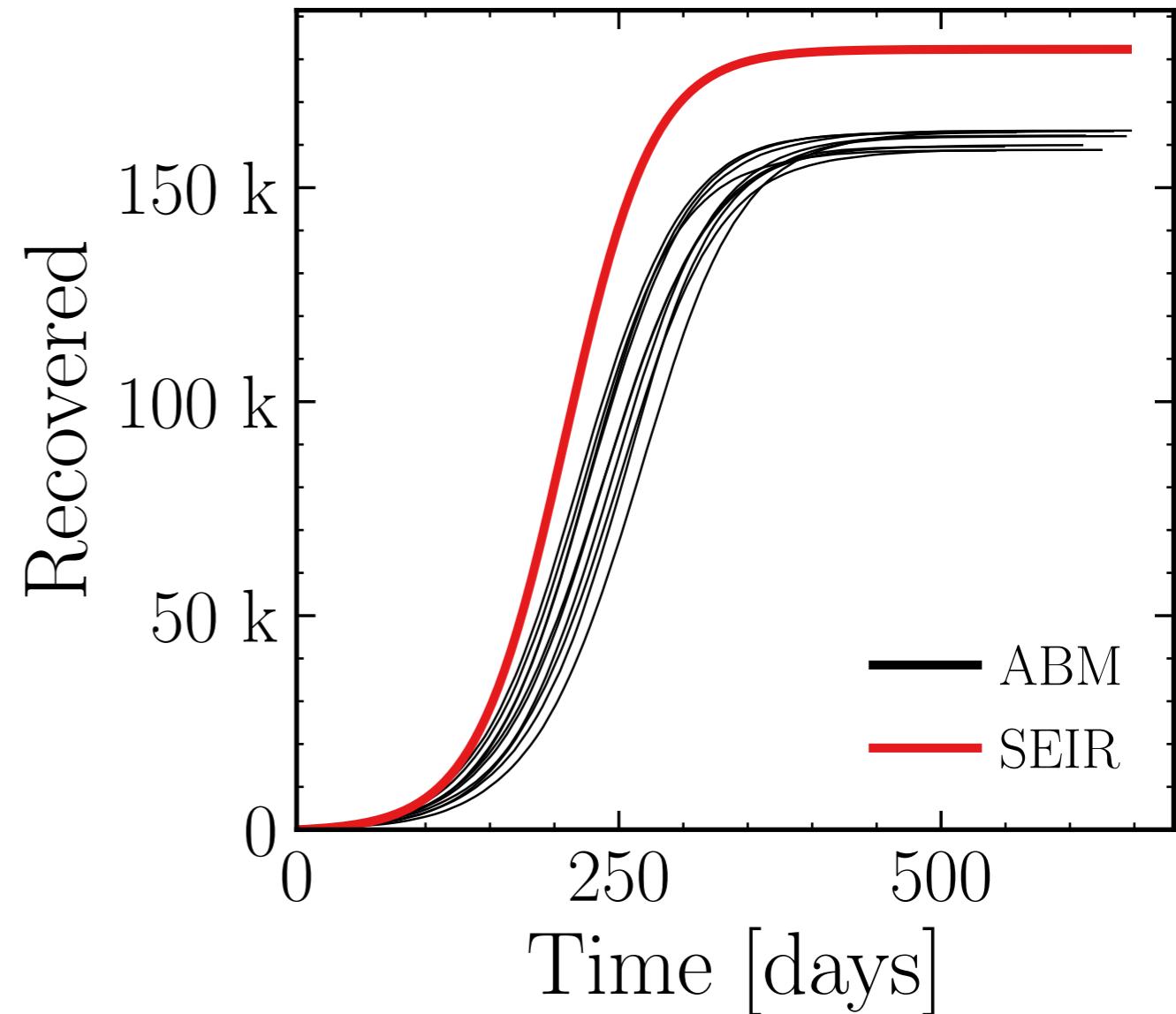
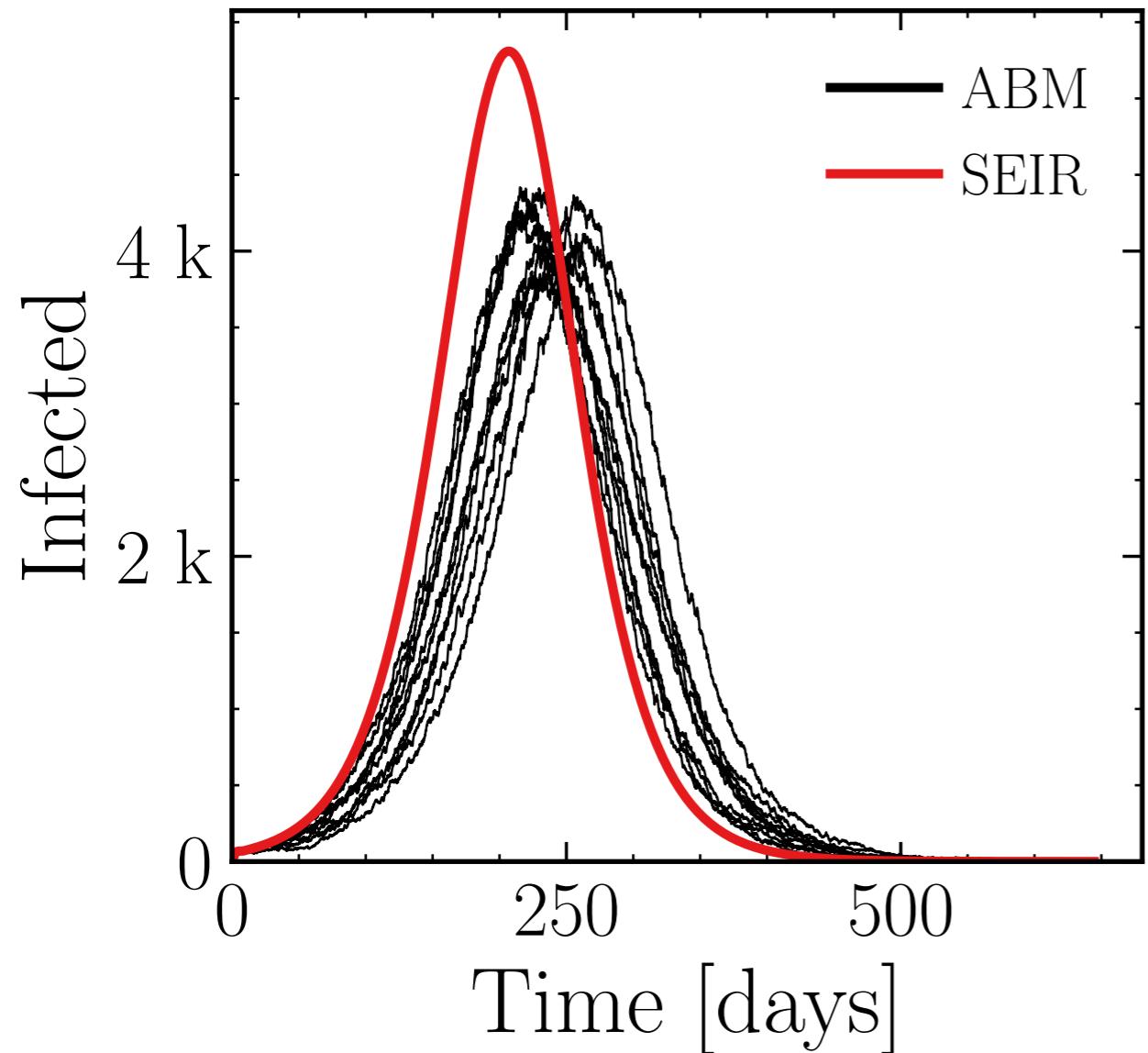
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (4.2 \pm 1.2\%) \cdot 10^3$

v. = 1.0, hash = 5a0633e014, #10

$R_{\infty}^{\text{ABM}} = (161.4 \pm 0.36\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

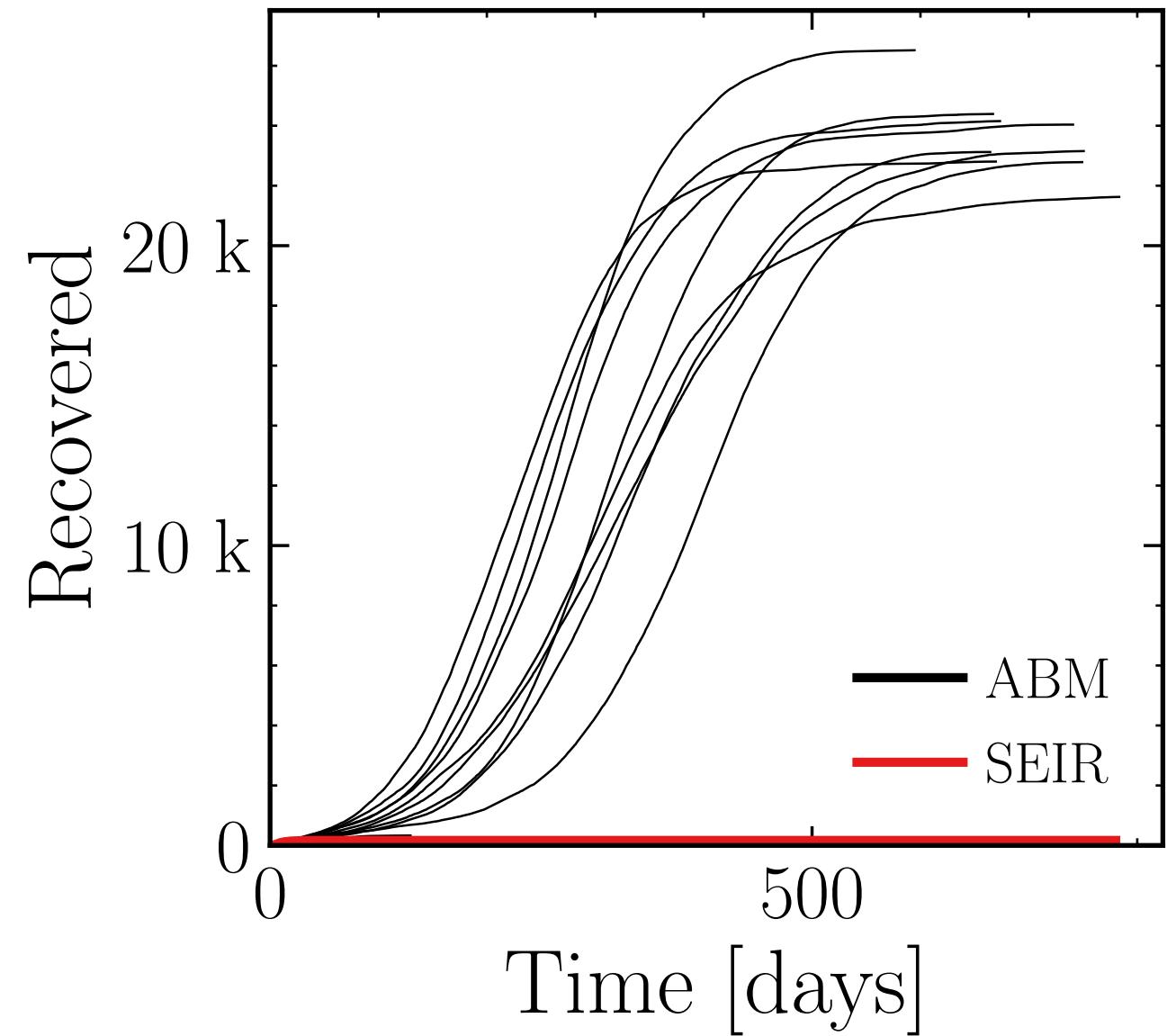
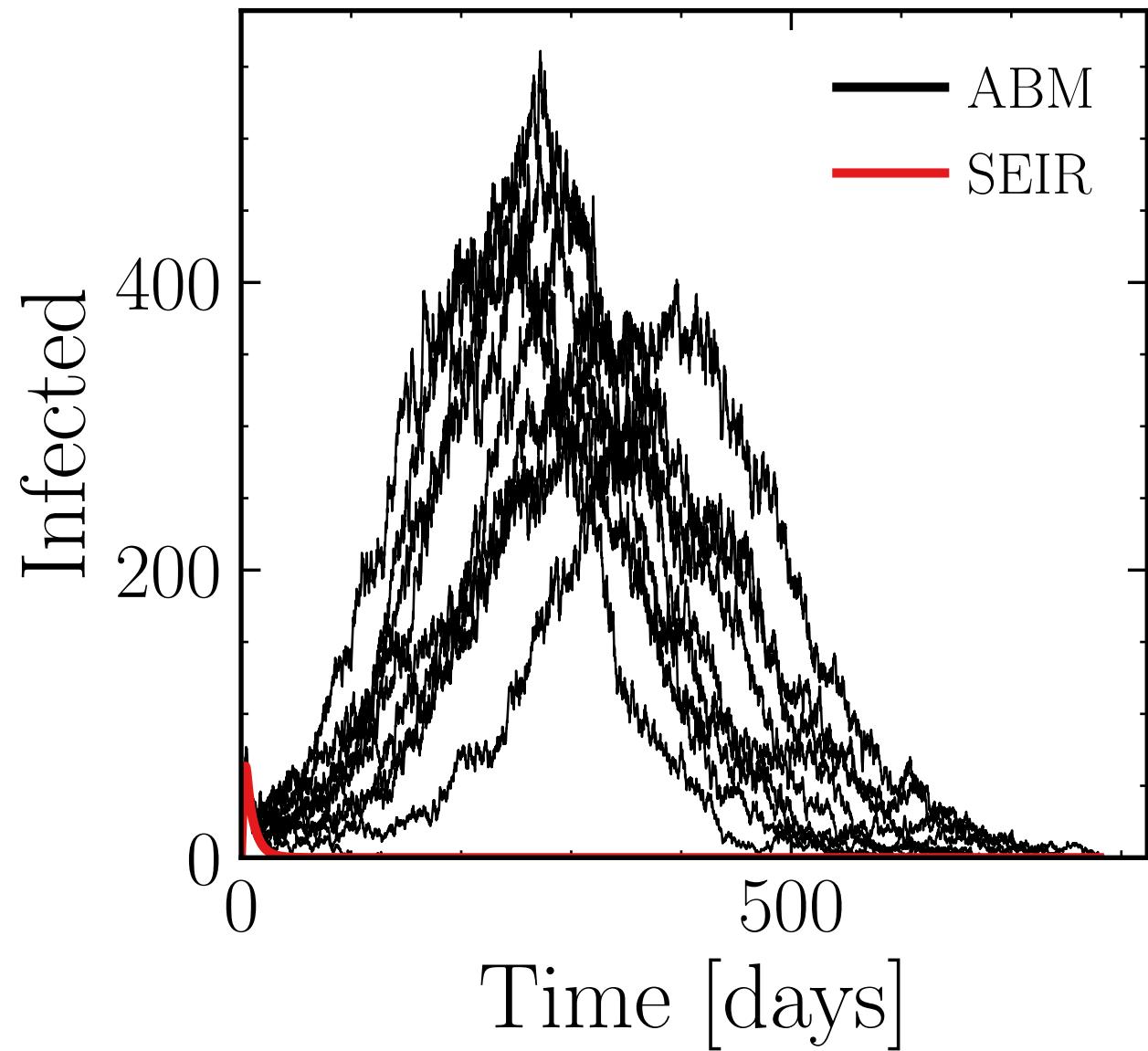
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (400 \pm 1e + 01\%)$.

v. = 1.0, hash = 7ecde80782, #10

$R_{\infty}^{\text{ABM}} = (21 \pm 1.1e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

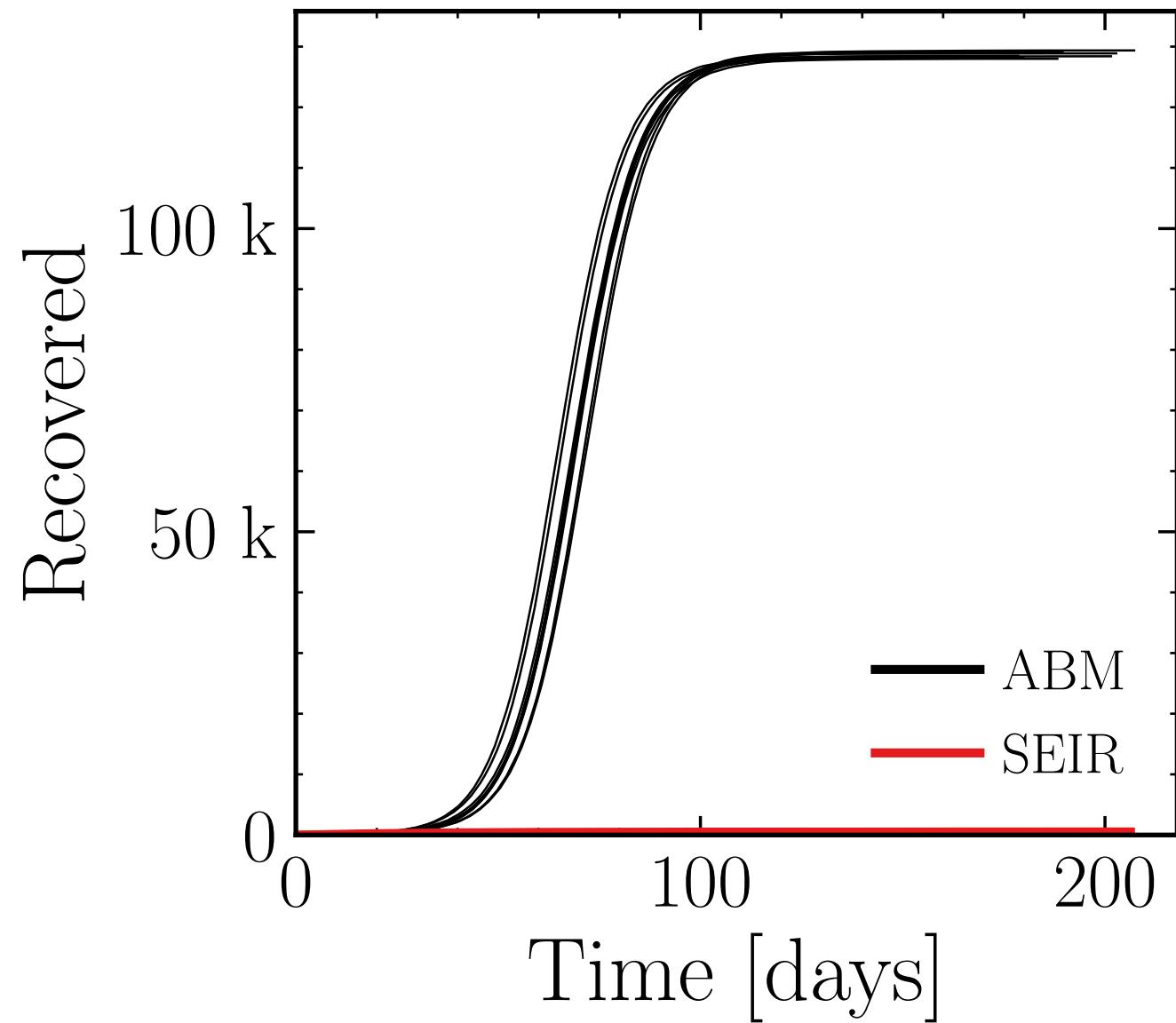
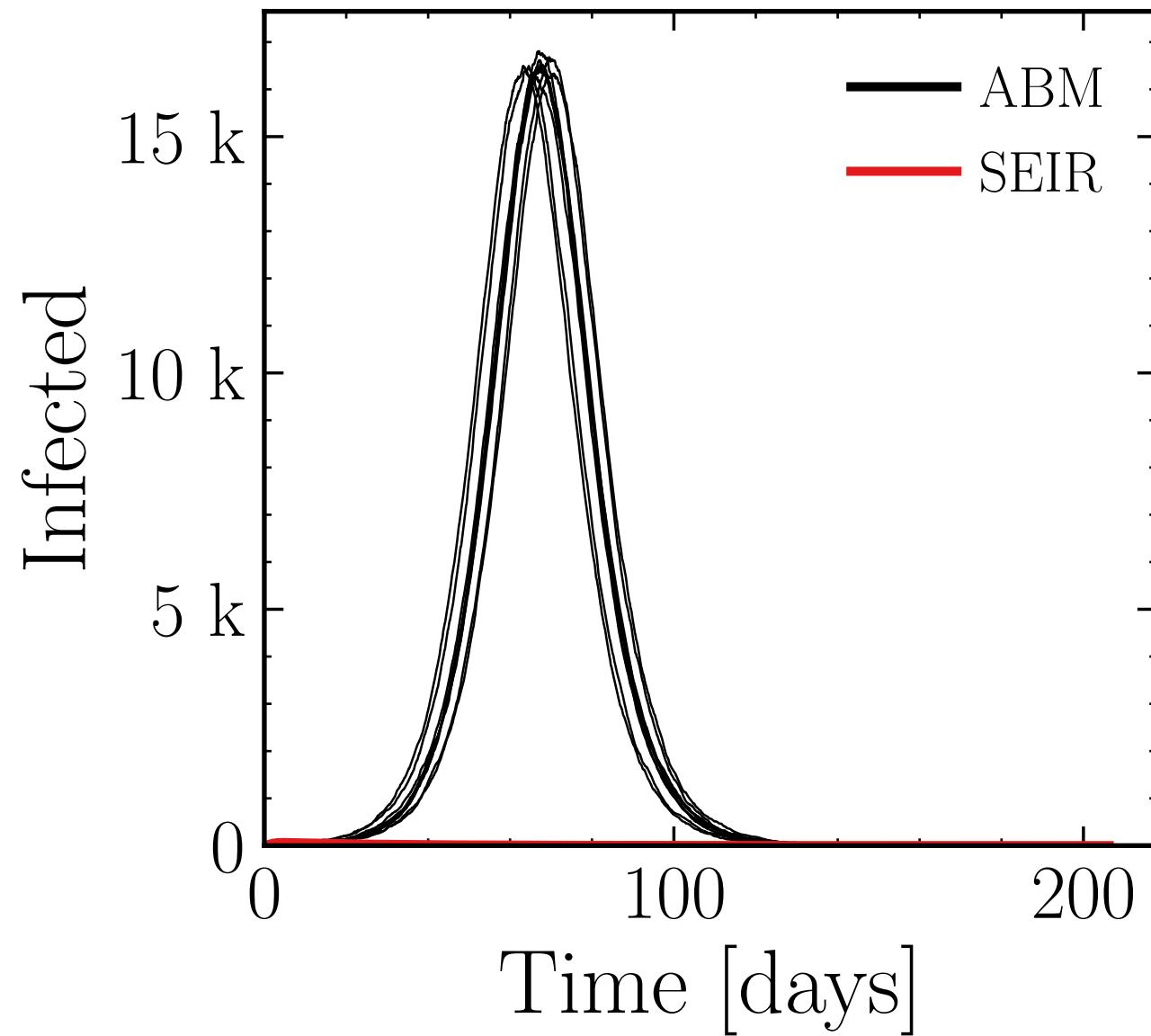
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (16.52 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = 19eac9cb6d, #10

$R_{\infty}^{\text{ABM}} = (128.6 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 50.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

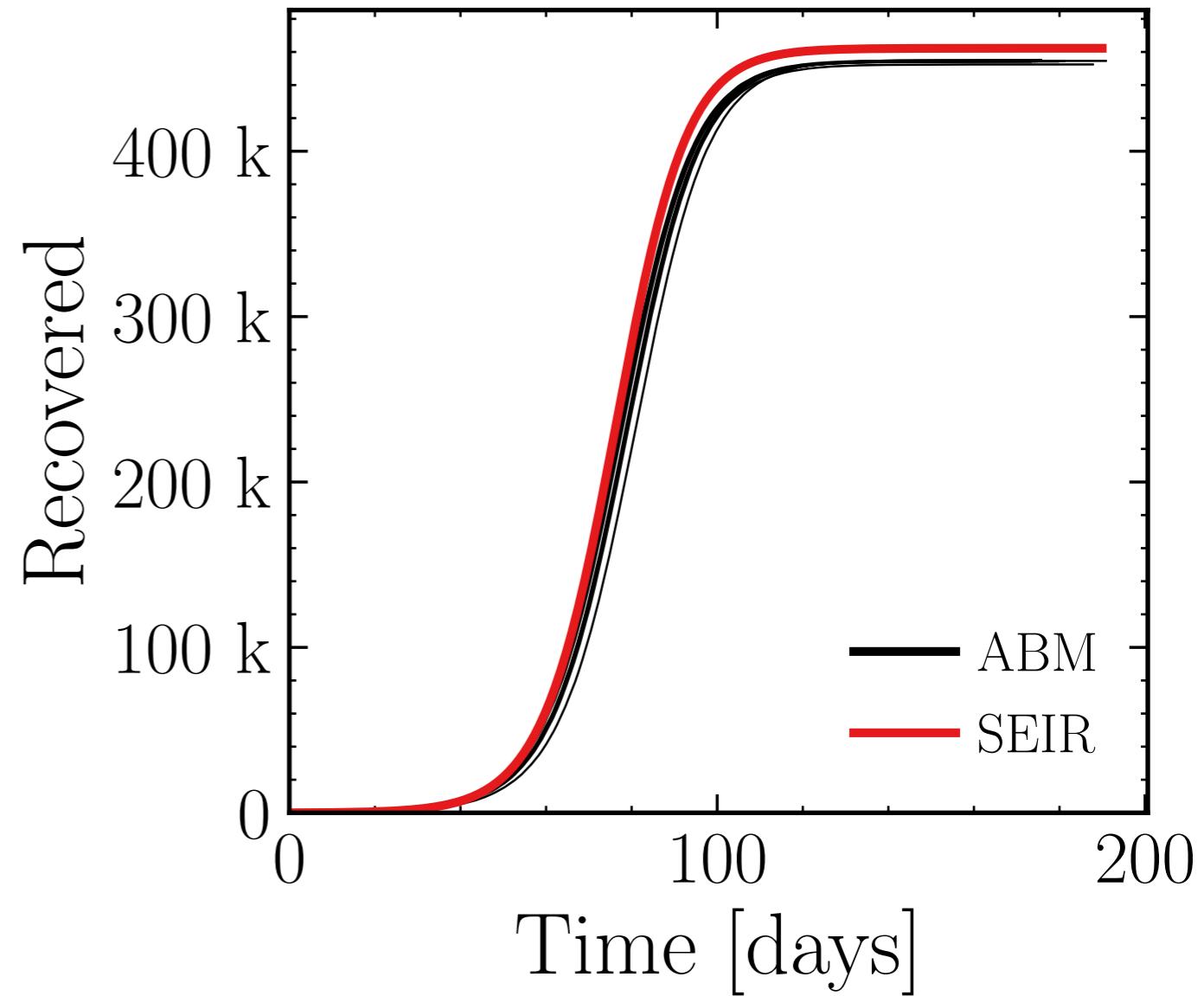
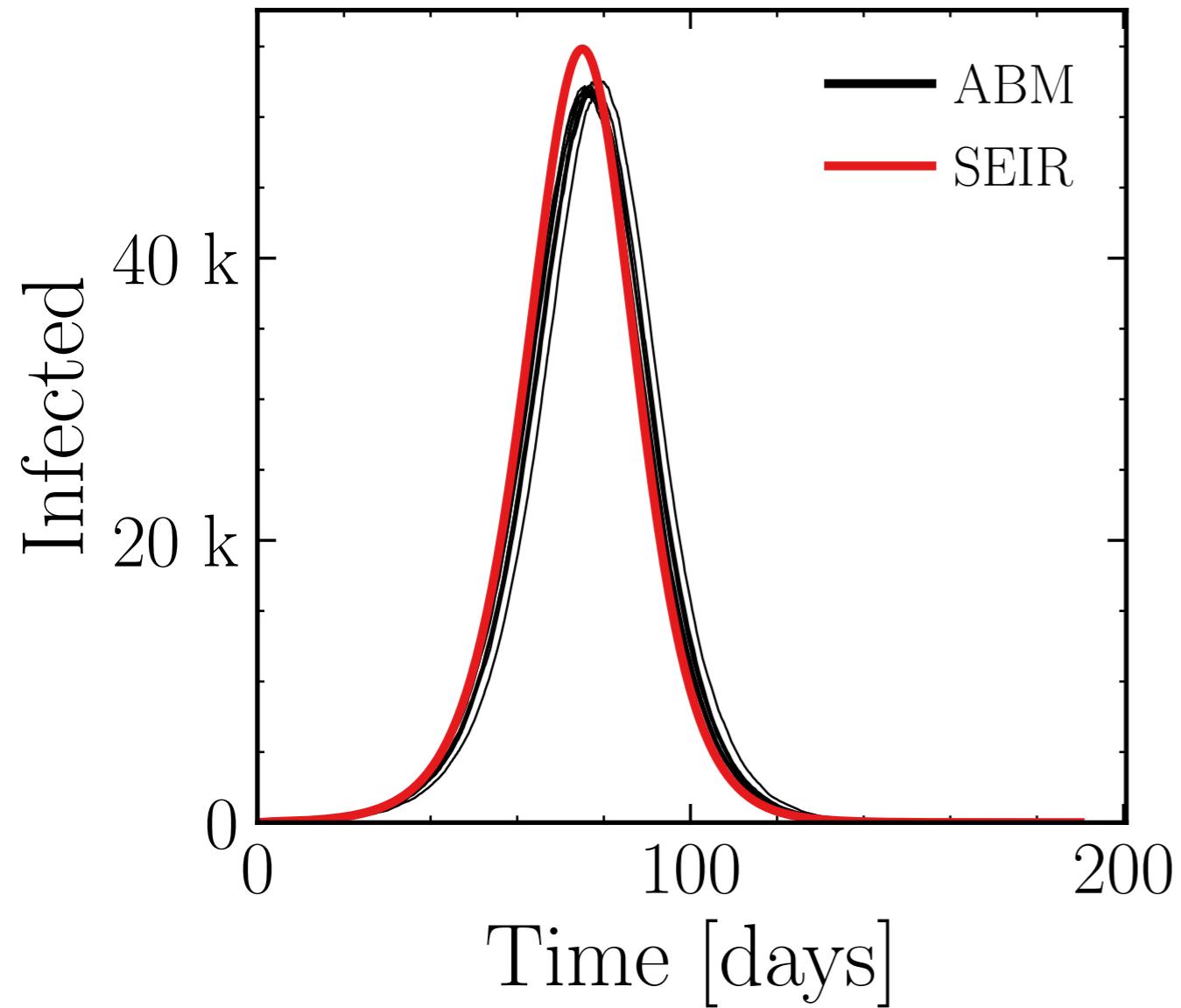
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (52.01 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 91ff5f2dad, #10

$R_{\infty}^{\text{ABM}} = (454.3 \pm 0.049\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 30.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

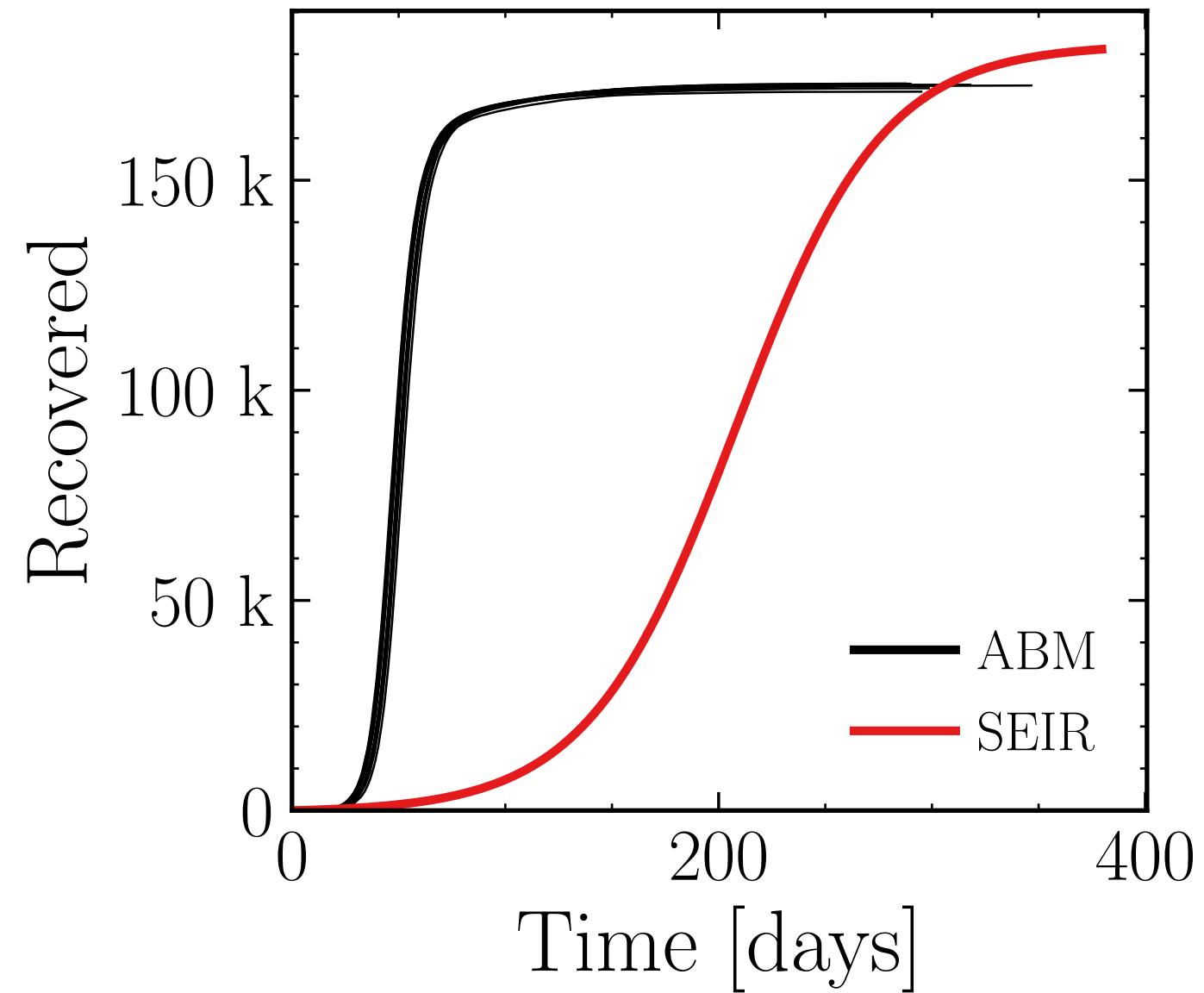
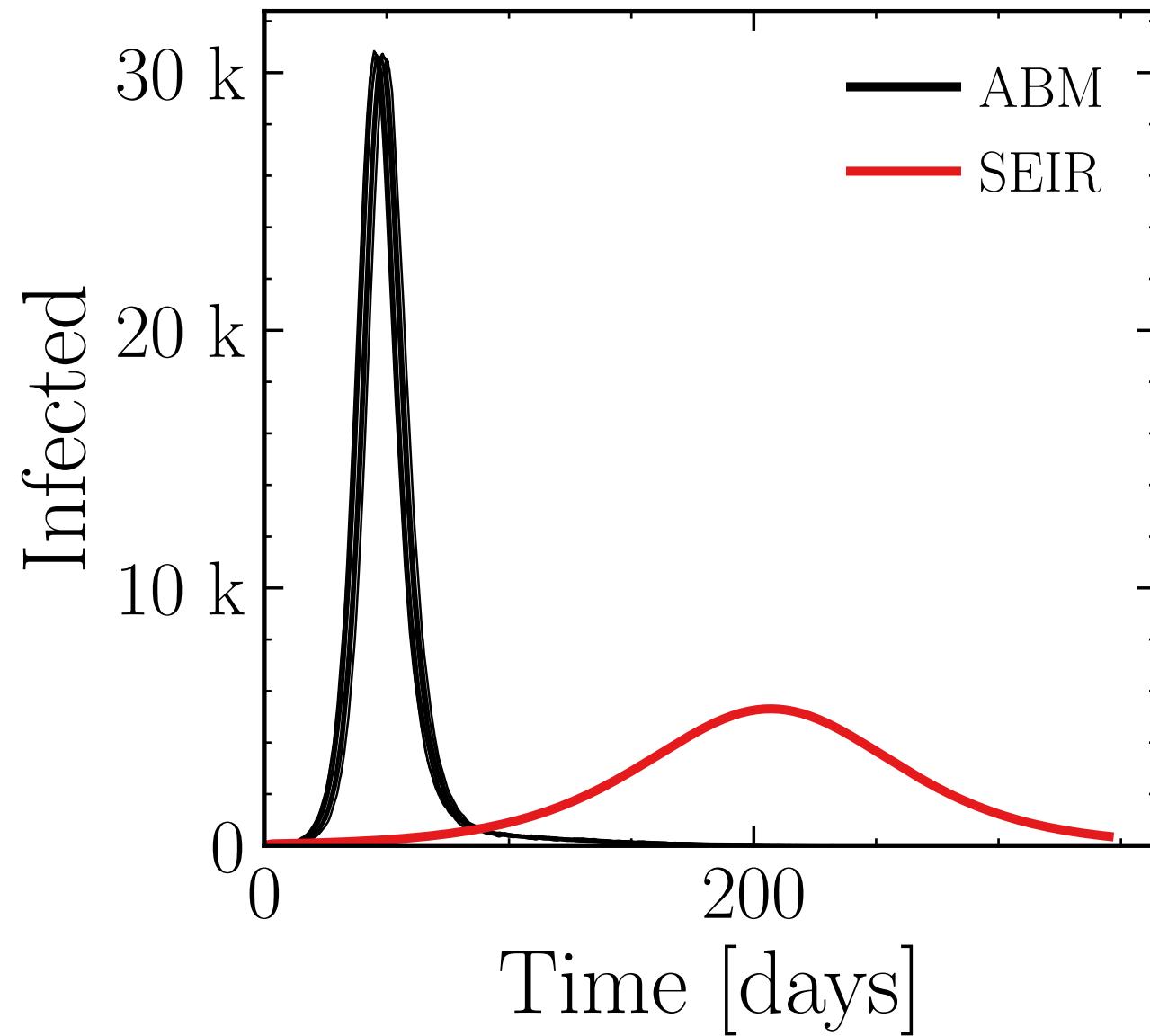
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (30.62 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = a9d6ff6e37, #10

$R_\infty^{\text{ABM}} = (172.3 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 60.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

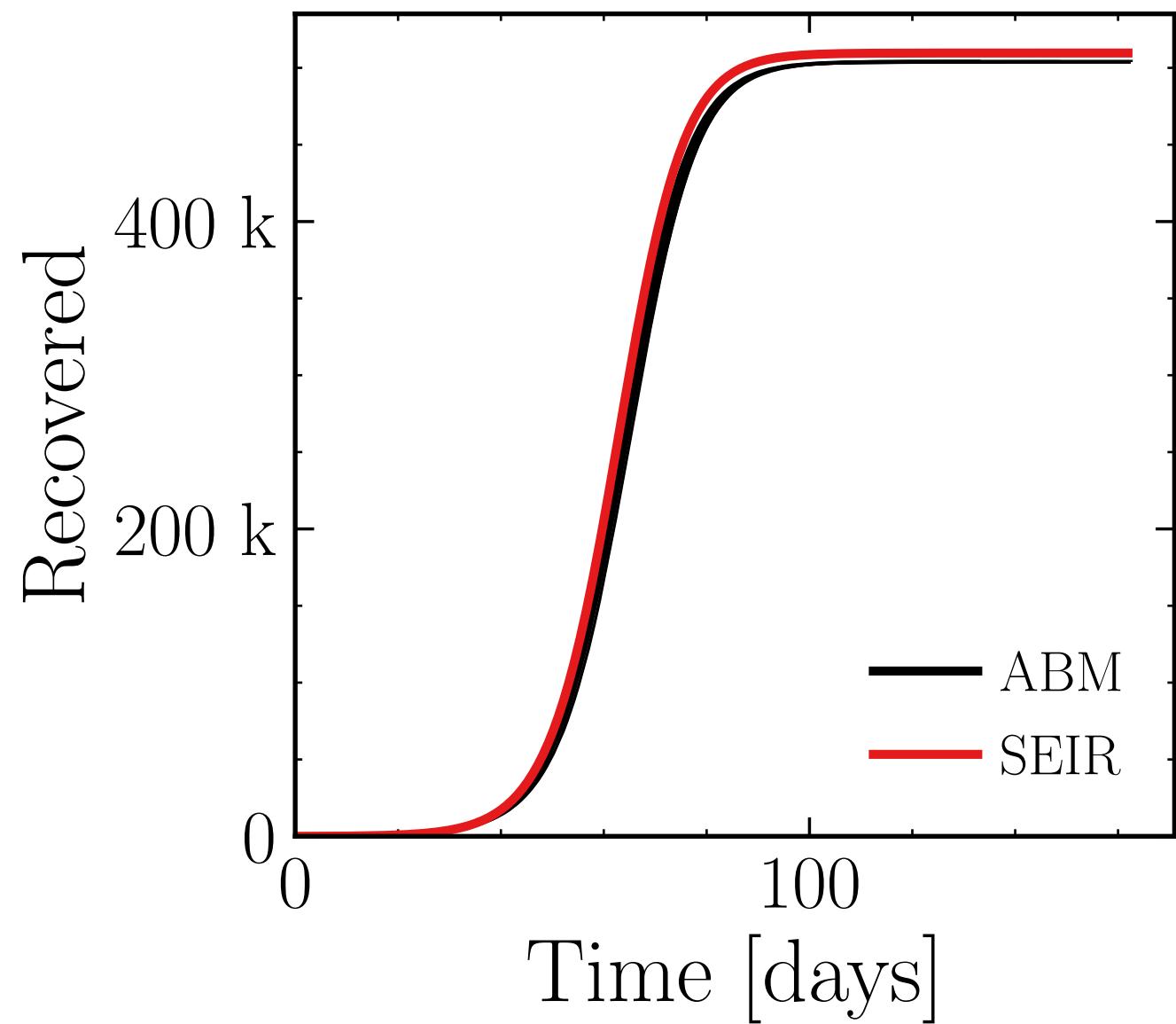
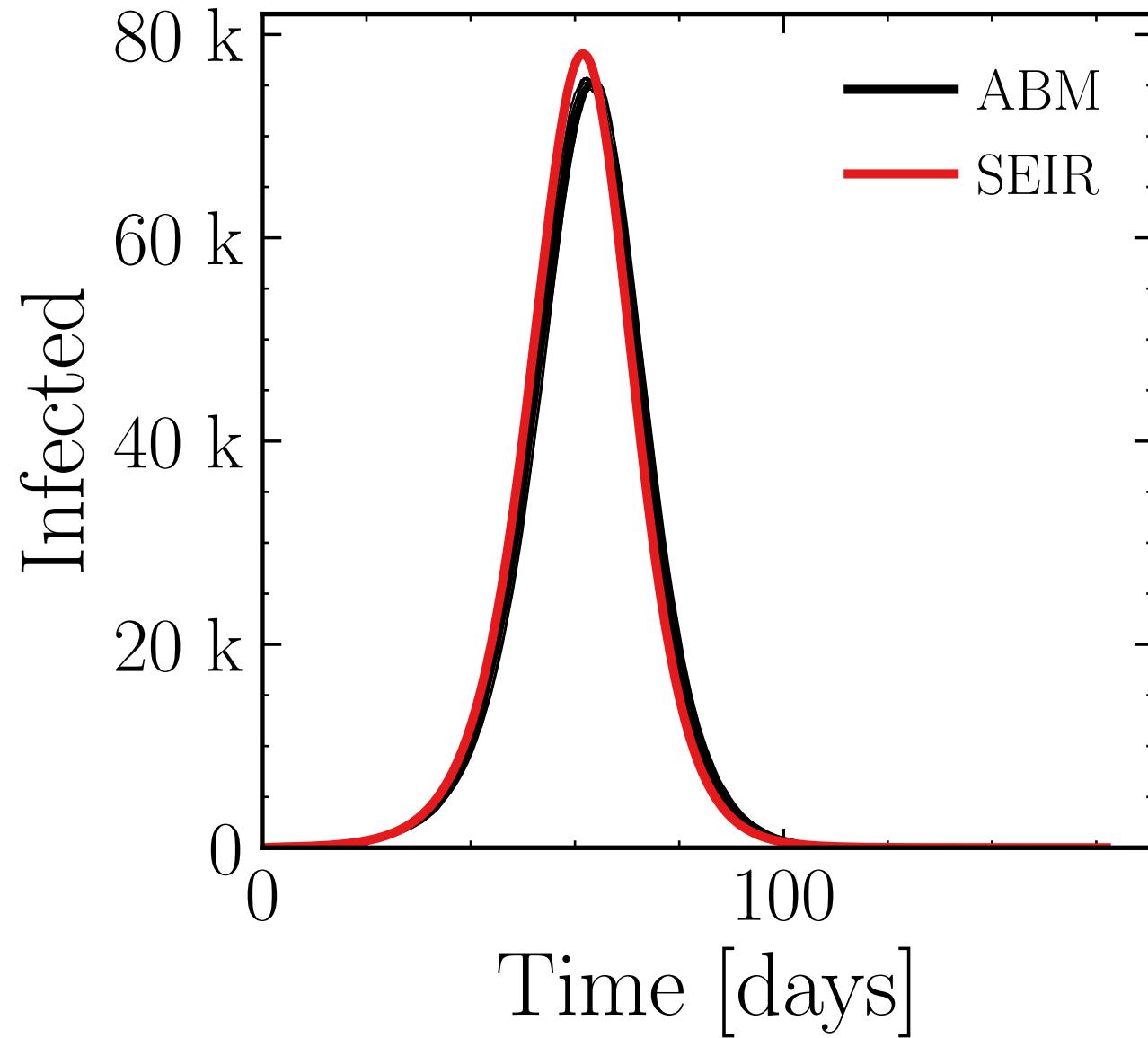
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (75.3 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = b98079ea6f, #10

$R_{\infty}^{\text{ABM}} = (504 \pm 0.025\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 50.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

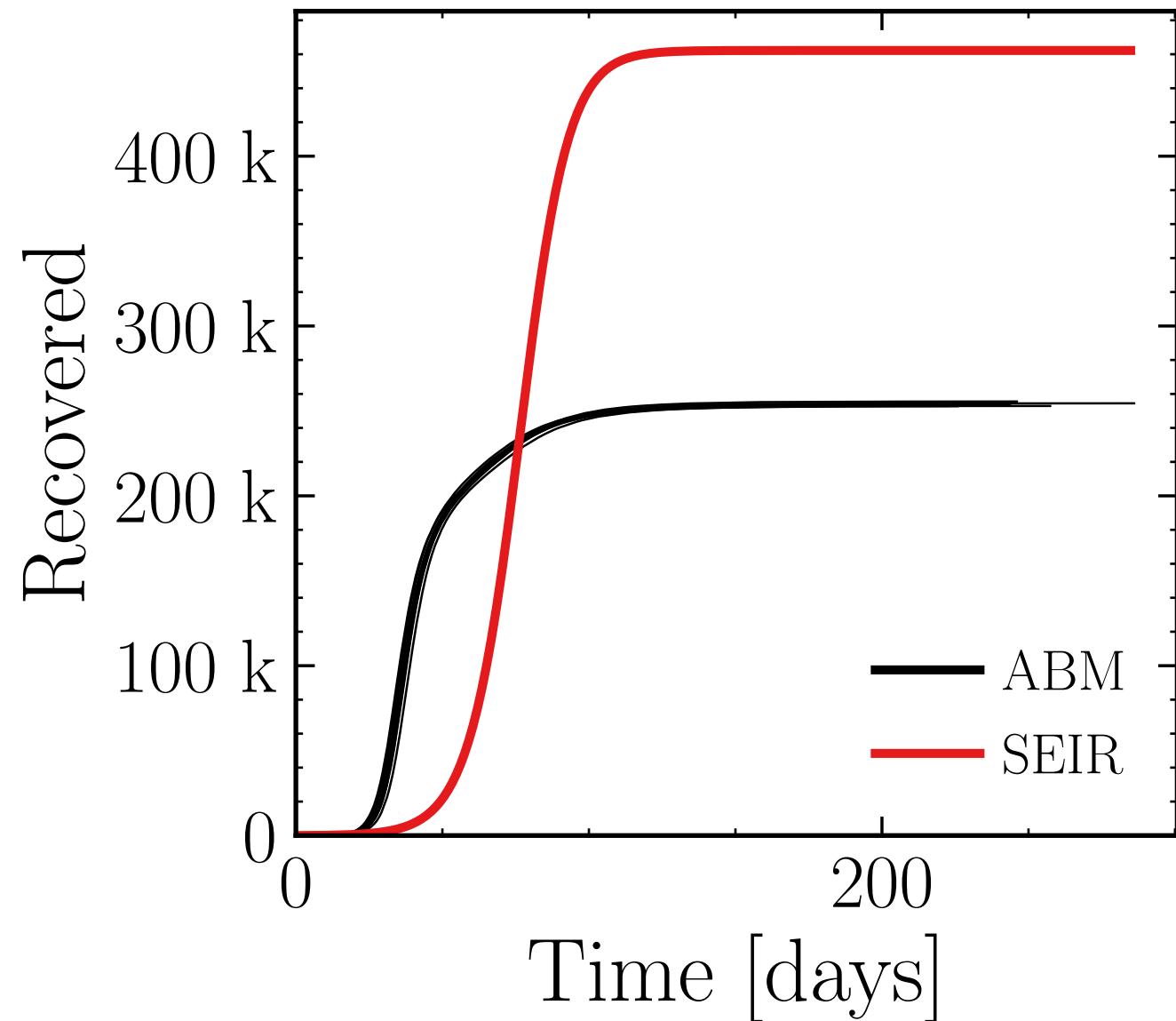
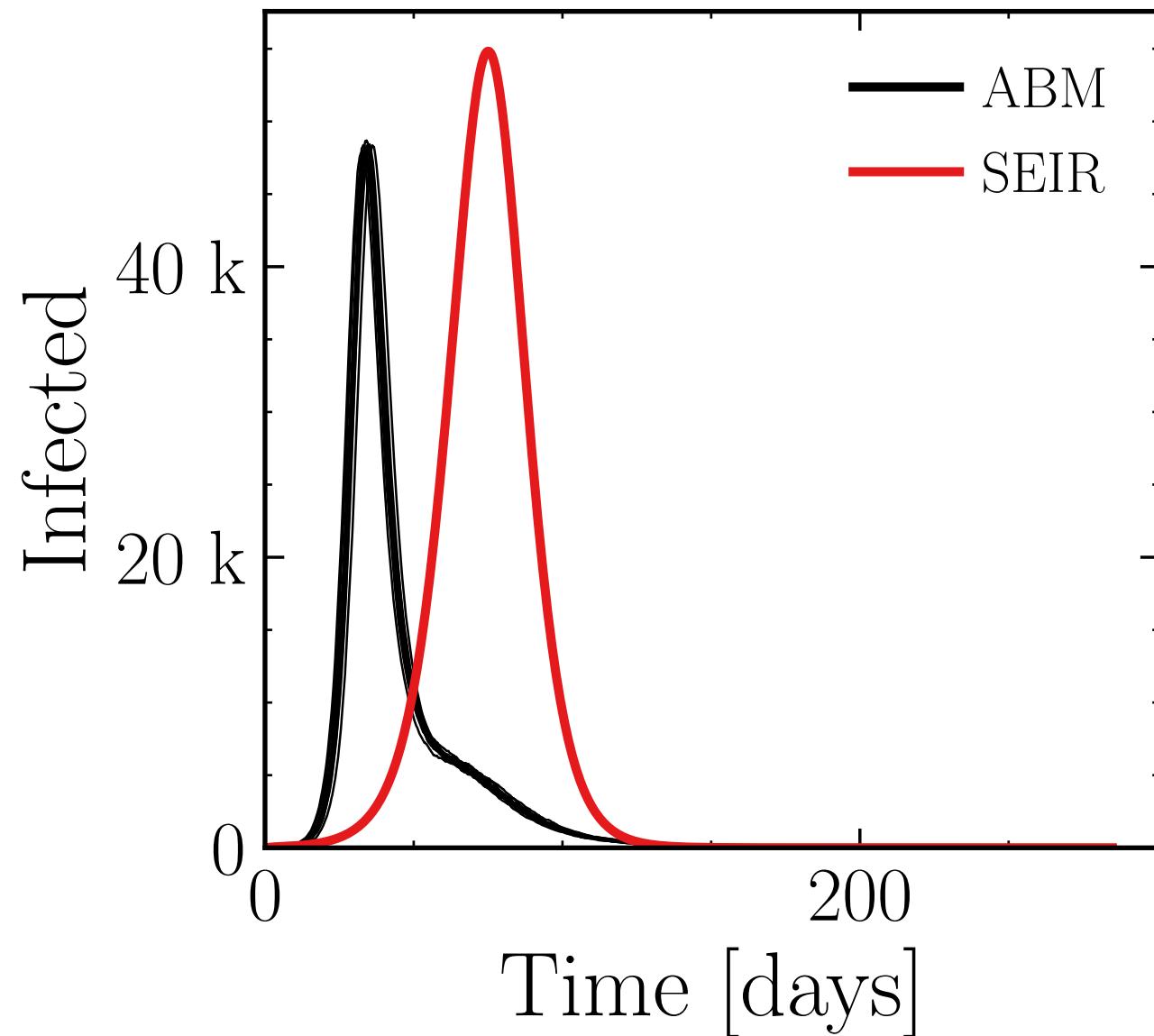
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (48.28 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 8ff12accc8, #10

$R_{\infty}^{\text{ABM}} = (253.7 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 70.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

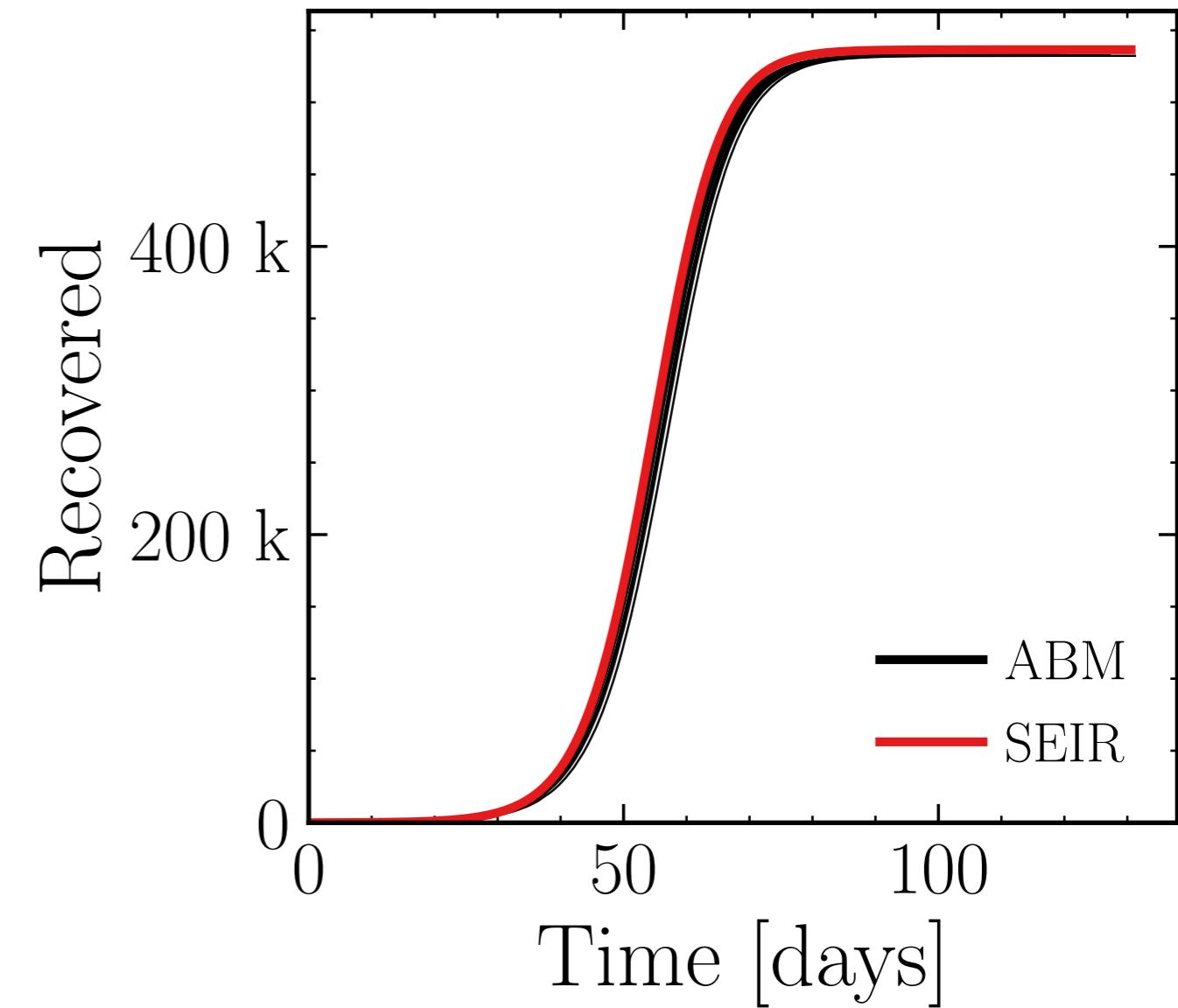
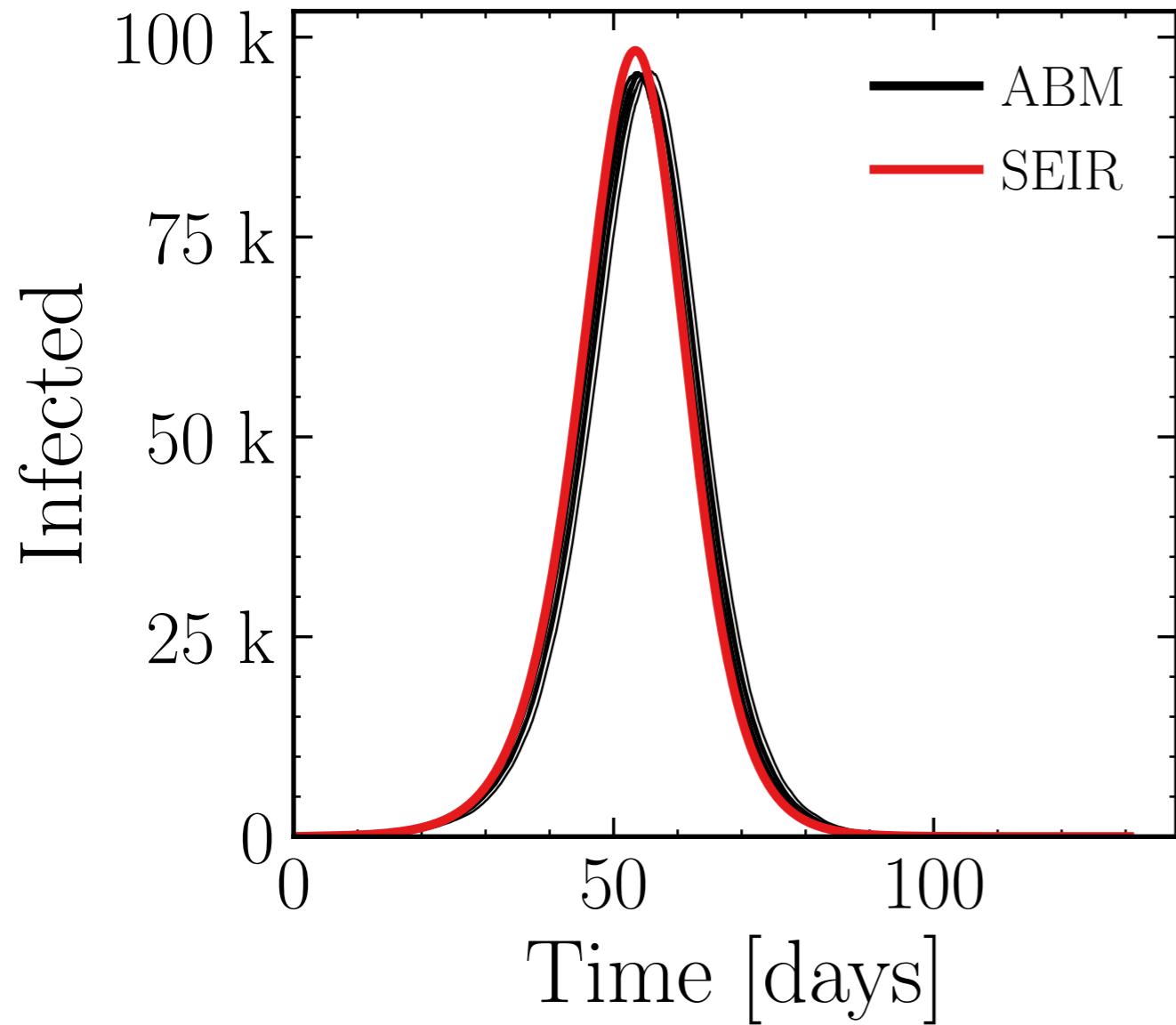
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (95.47 \pm 0.049\%) \cdot 10^3$

v. = 1.0, hash = d938f5e505, #10

$R_{\infty}^{\text{ABM}} = (532.76 \pm 0.015\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 60.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

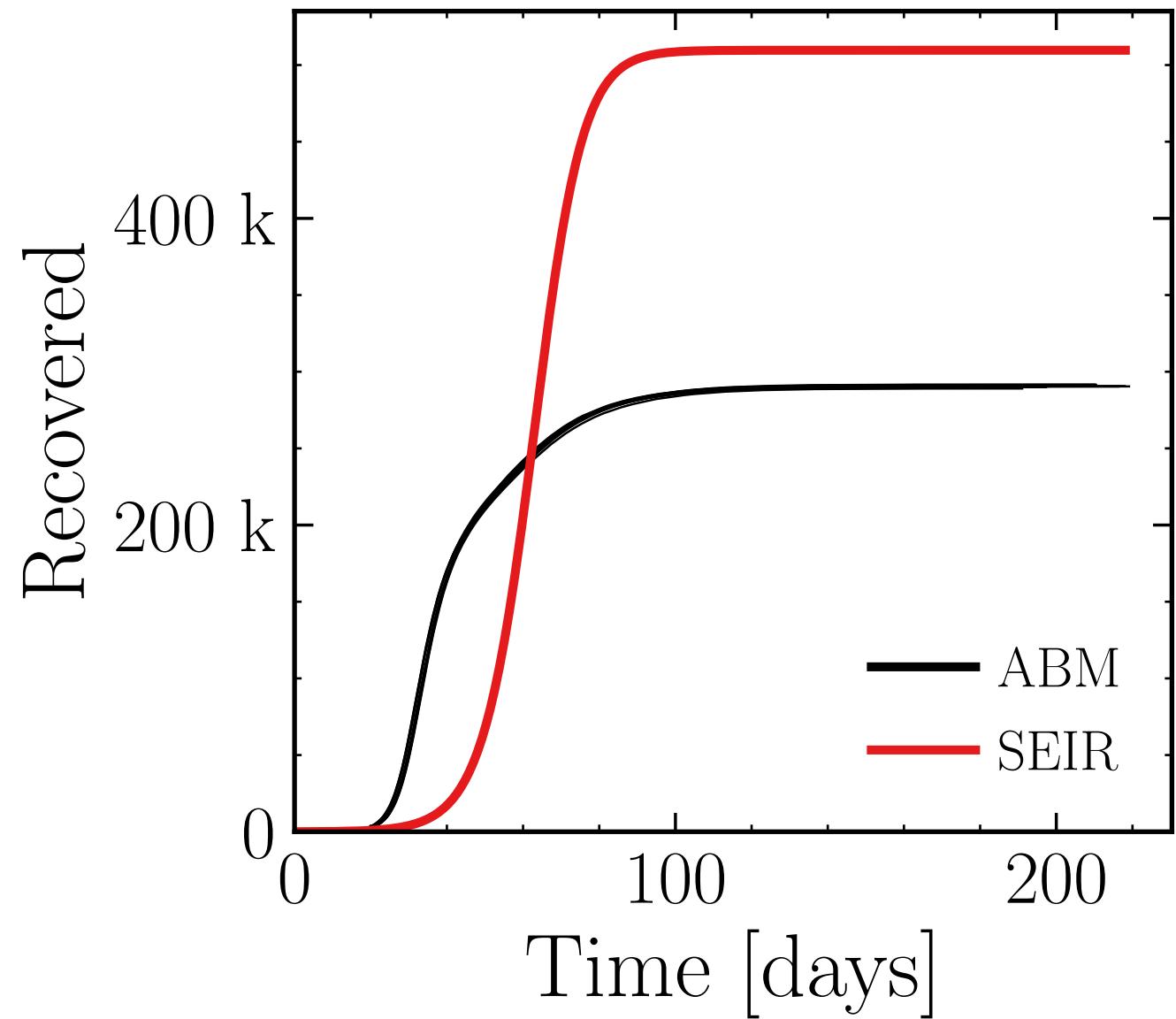
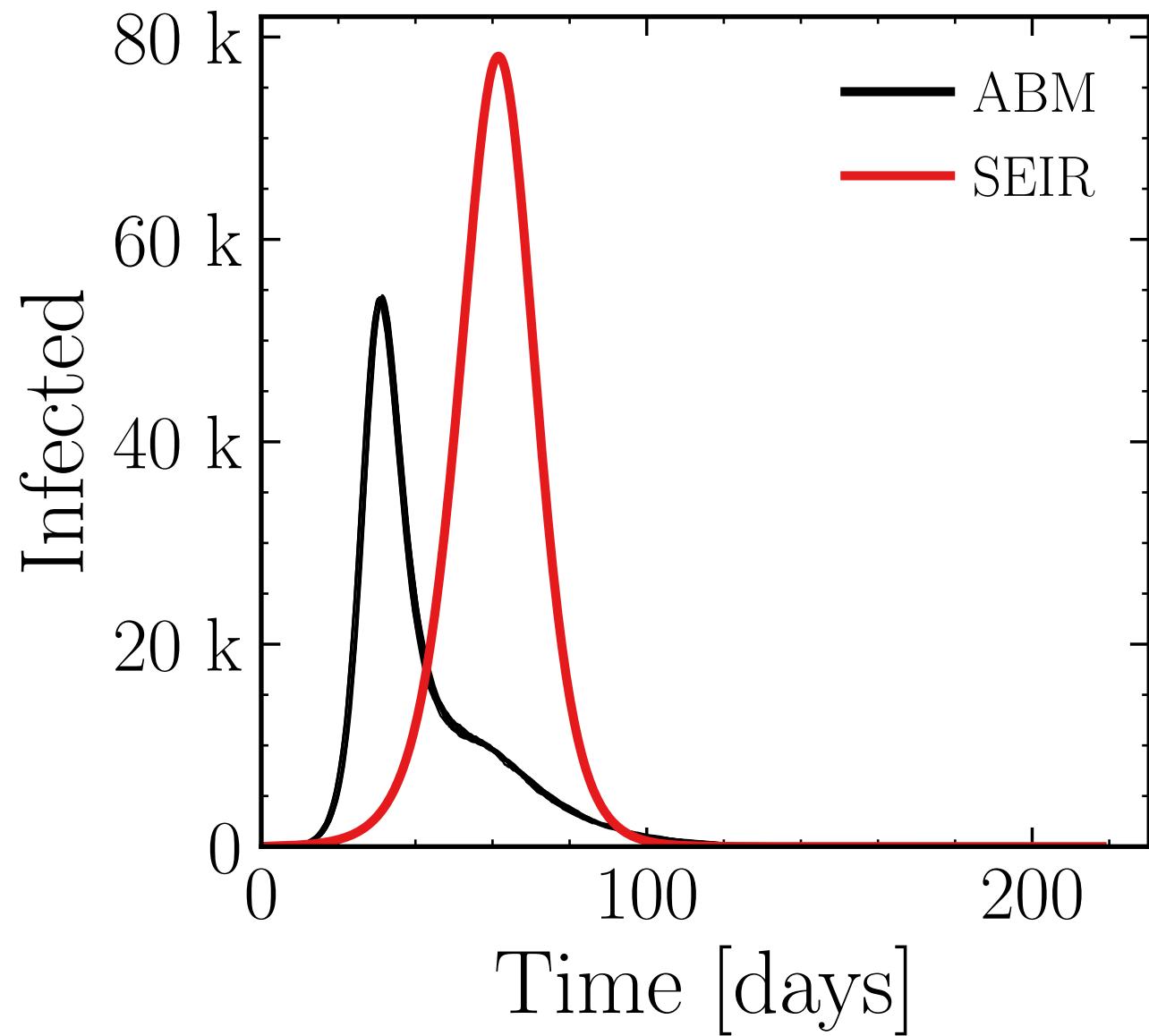
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (54.19 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 32801e8614, #10

$R_{\infty}^{\text{ABM}} = (290.6 \pm 0.081\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 80.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

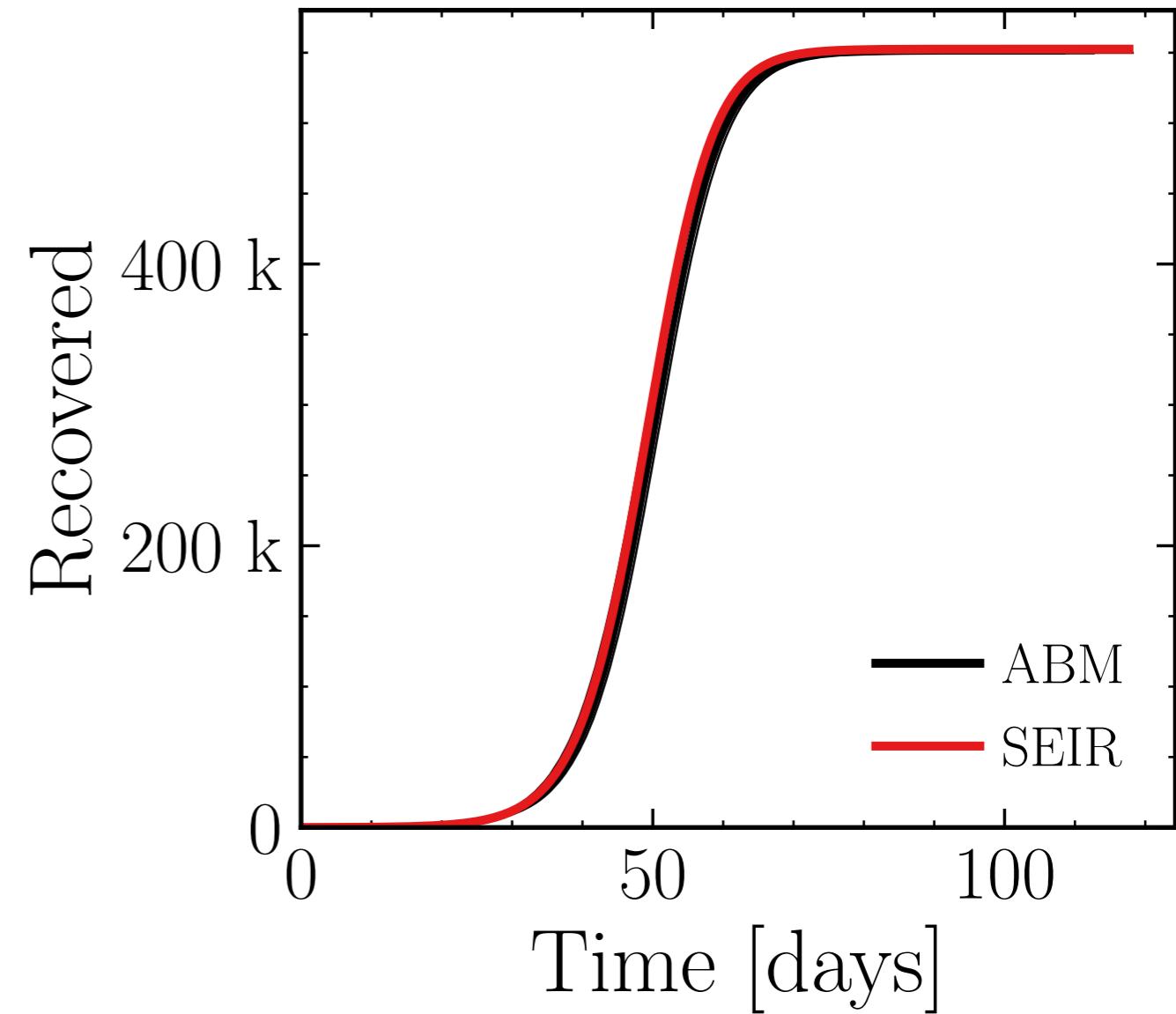
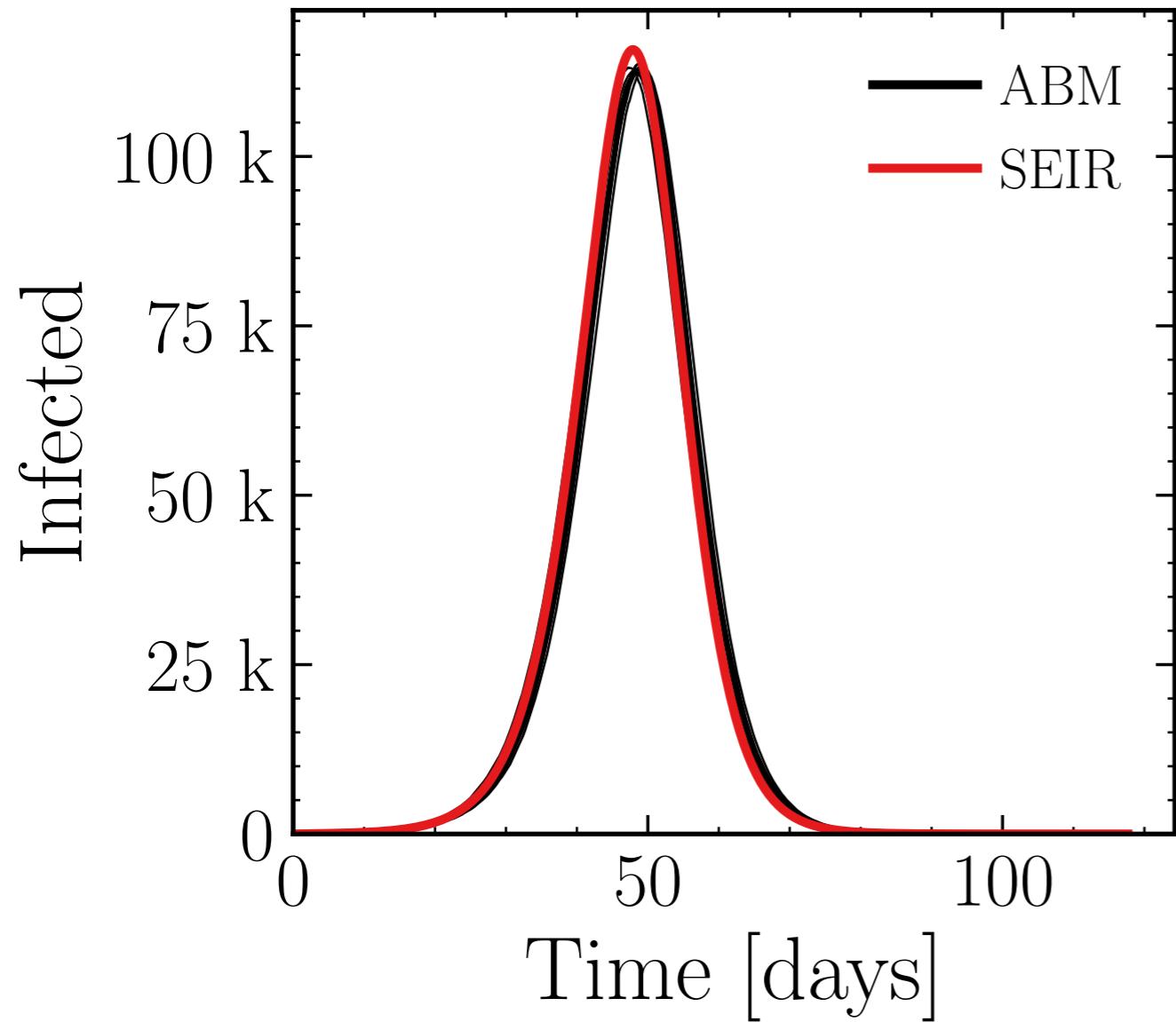
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (113.1 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = b7260b443c, #10

$R_{\infty}^{\text{ABM}} = (549.87 \pm 0.012\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 70.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

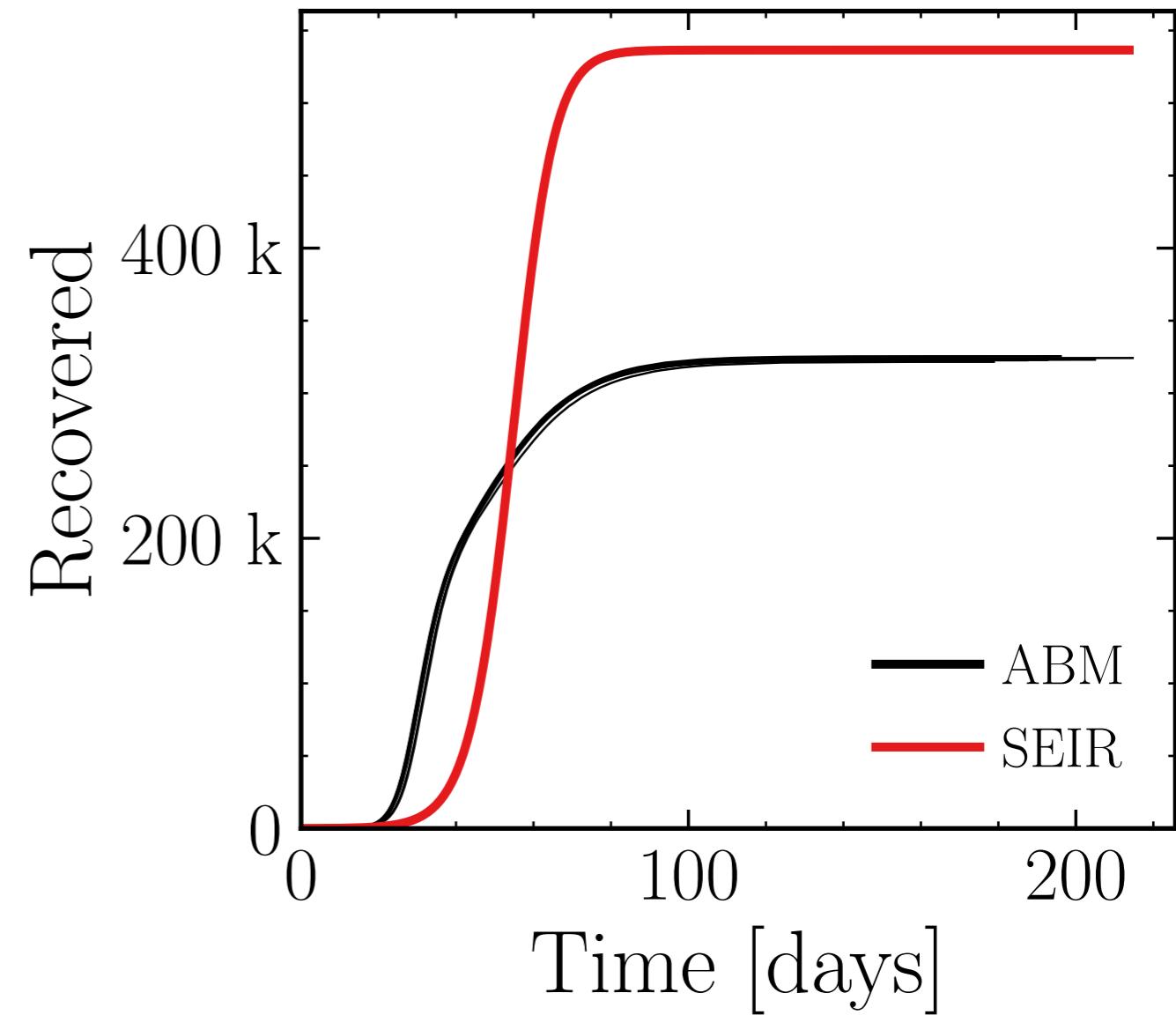
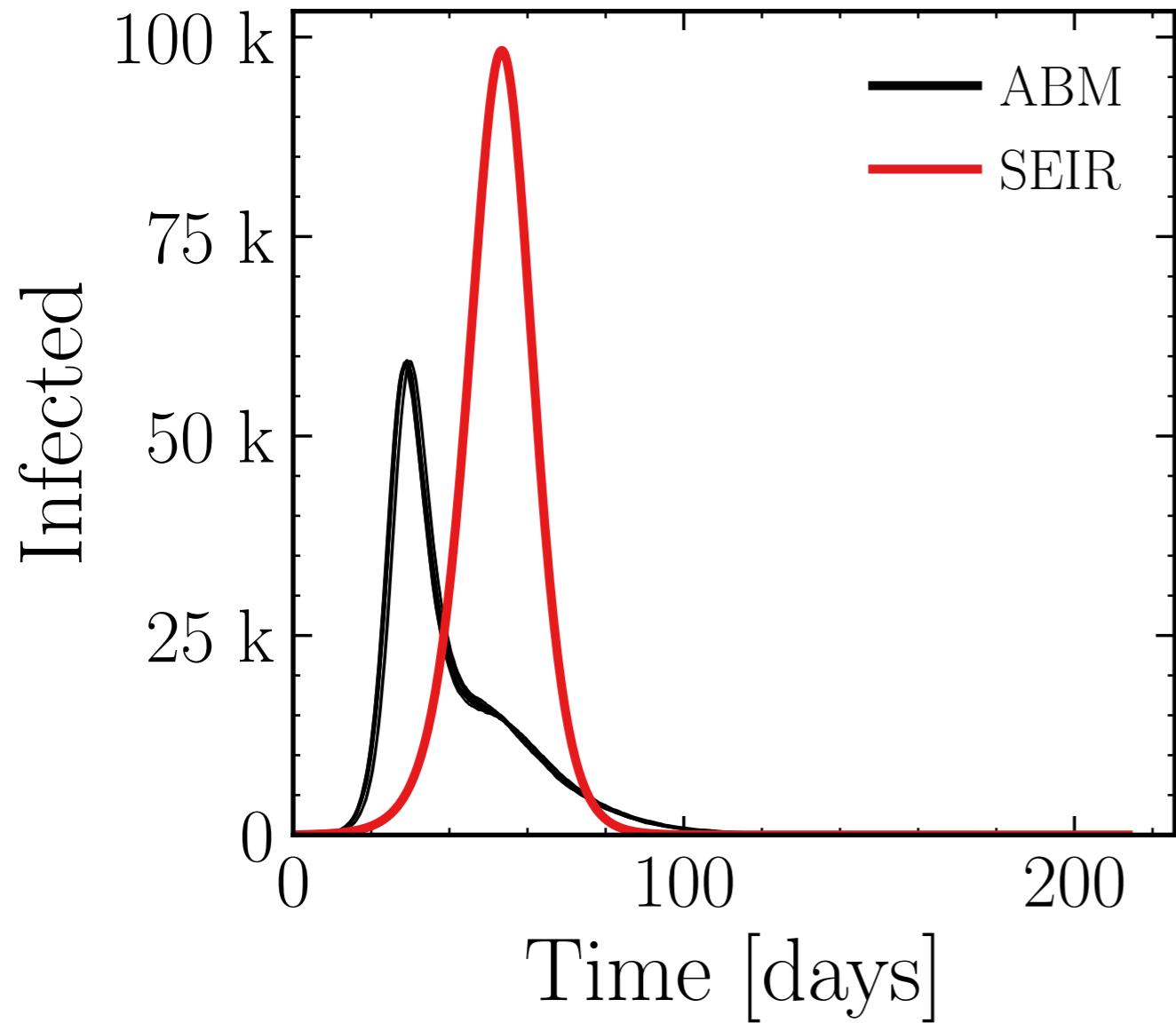
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (59.12 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 360de8df7d, #10

$R_{\infty}^{\text{ABM}} = (323.6 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 80.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

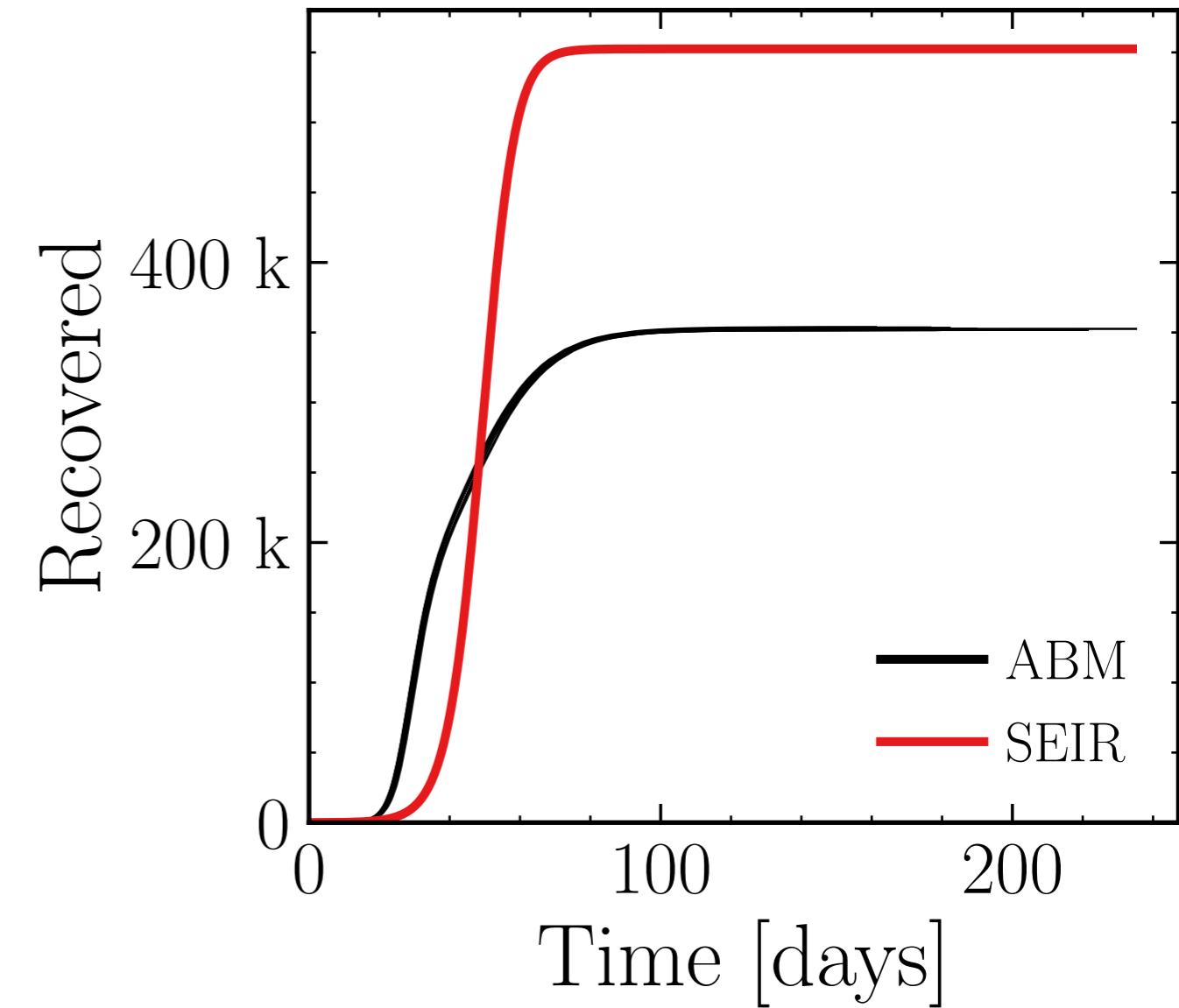
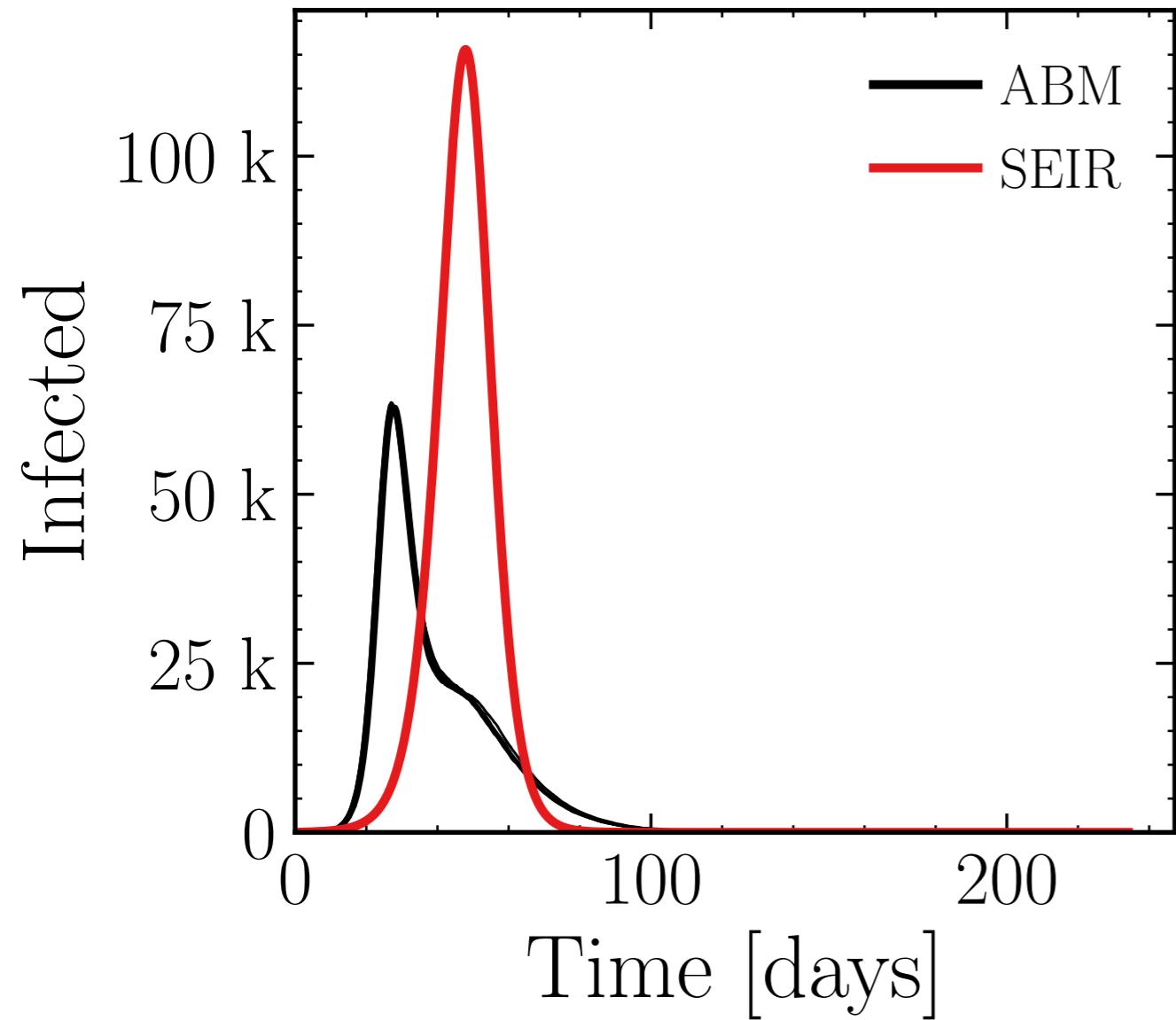
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (63.17 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = 7fe6d5a83e, #10

$R_{\infty}^{\text{ABM}} = (352.6 \pm 0.069\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 90.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

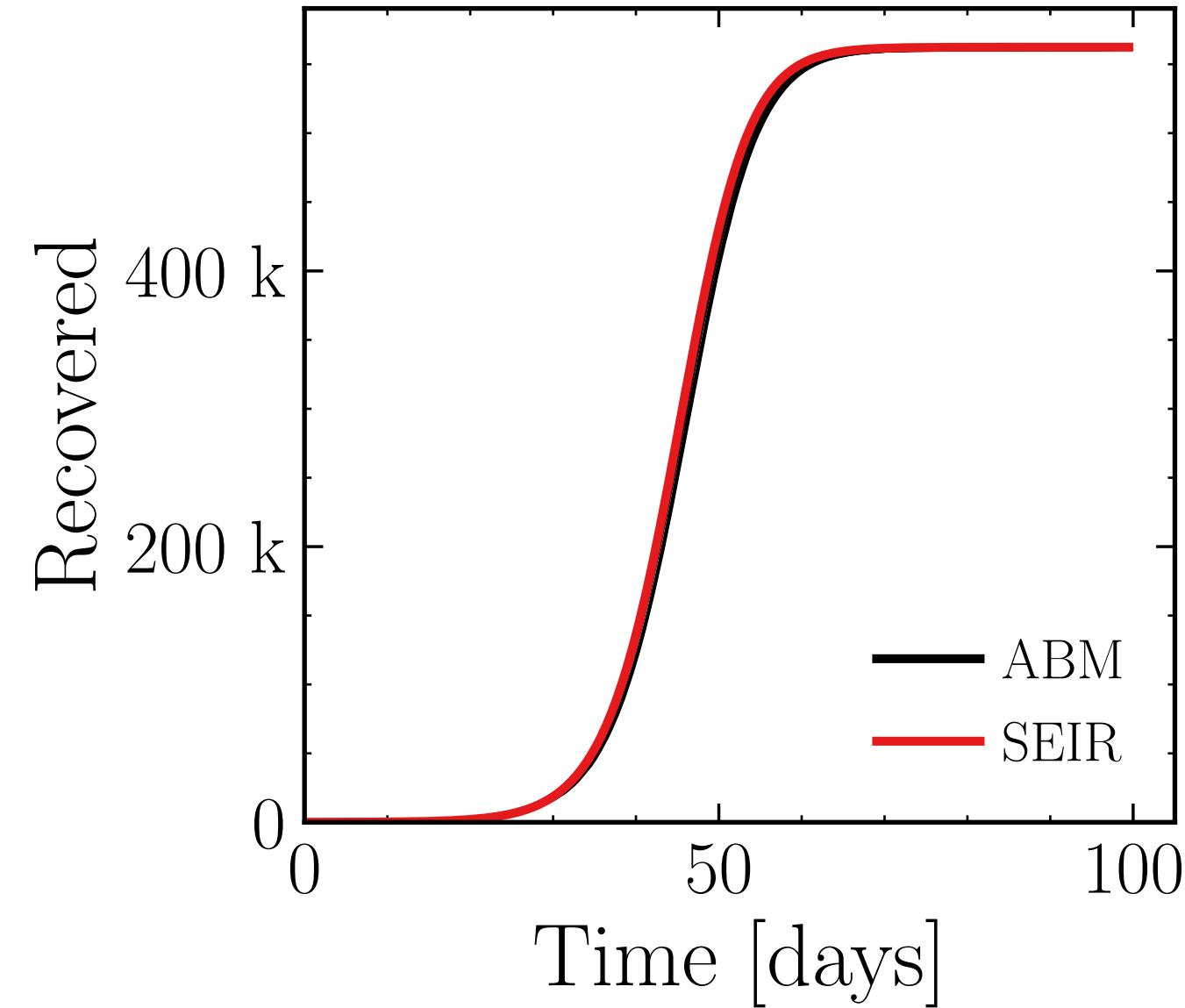
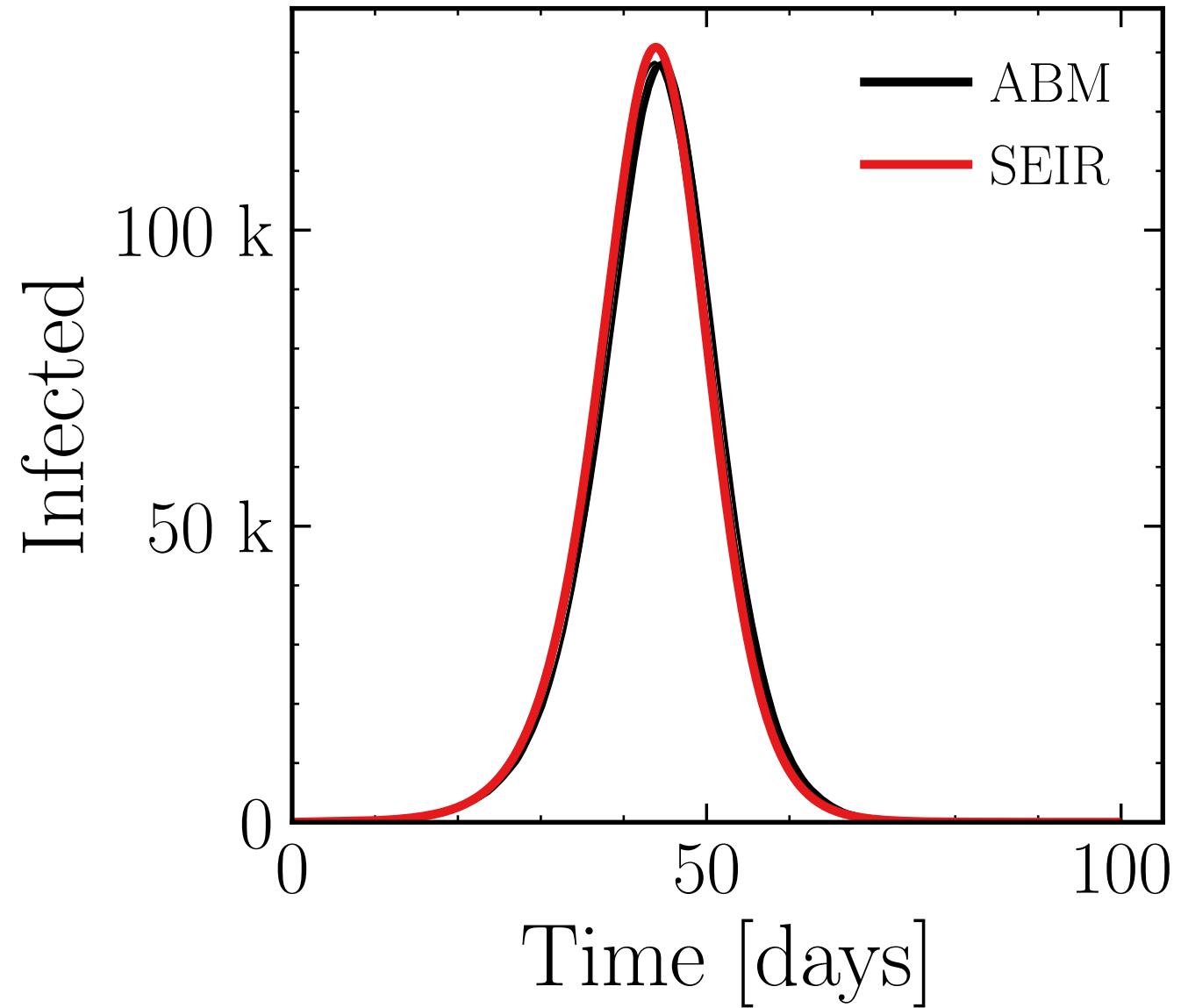
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (128.25 \pm 0.068\%) \cdot 10^3$

v. = 1.0, hash = d846da6fc1, #10

$R_\infty^{\text{ABM}} = (560.48 \pm 0.008\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 100.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

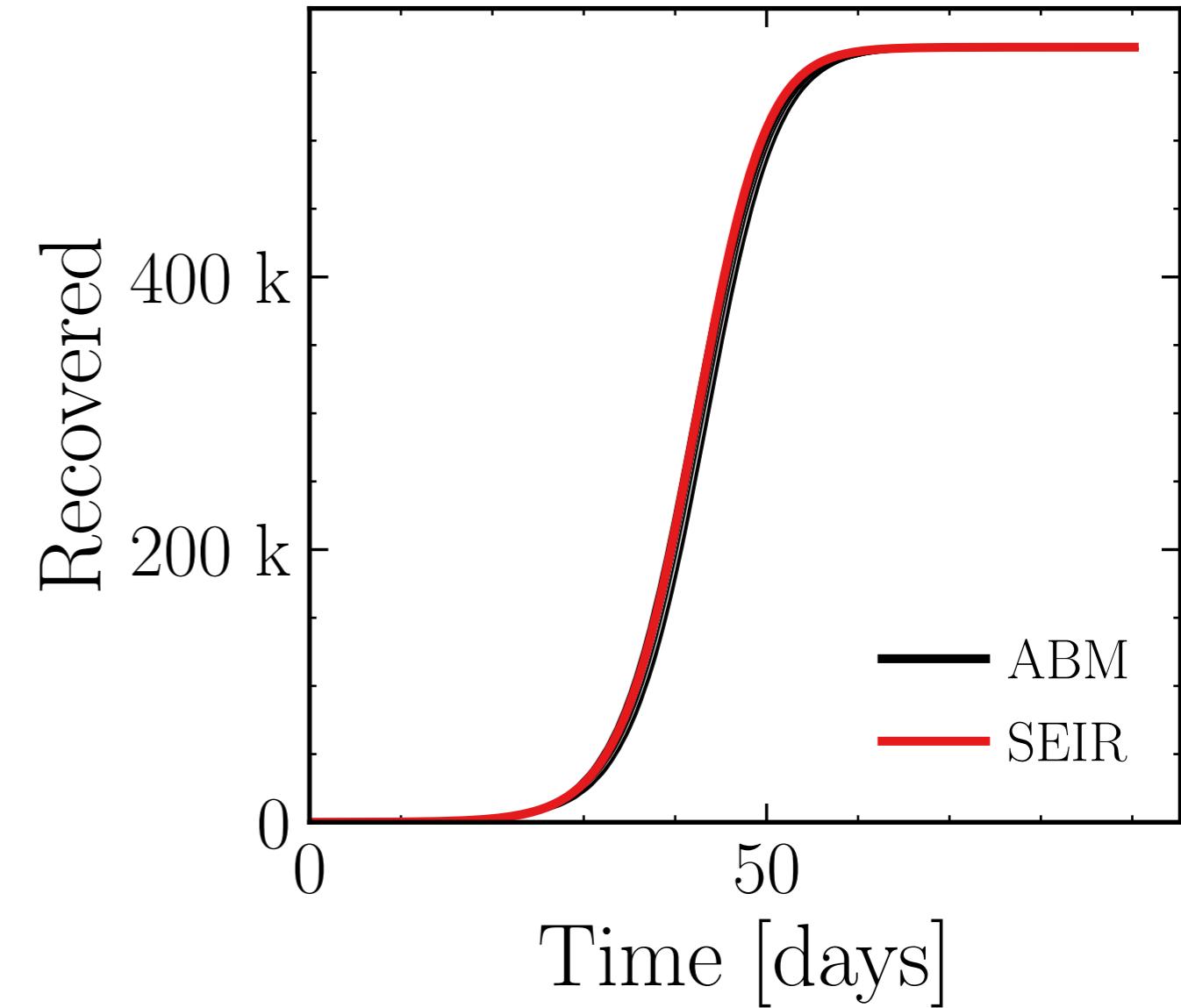
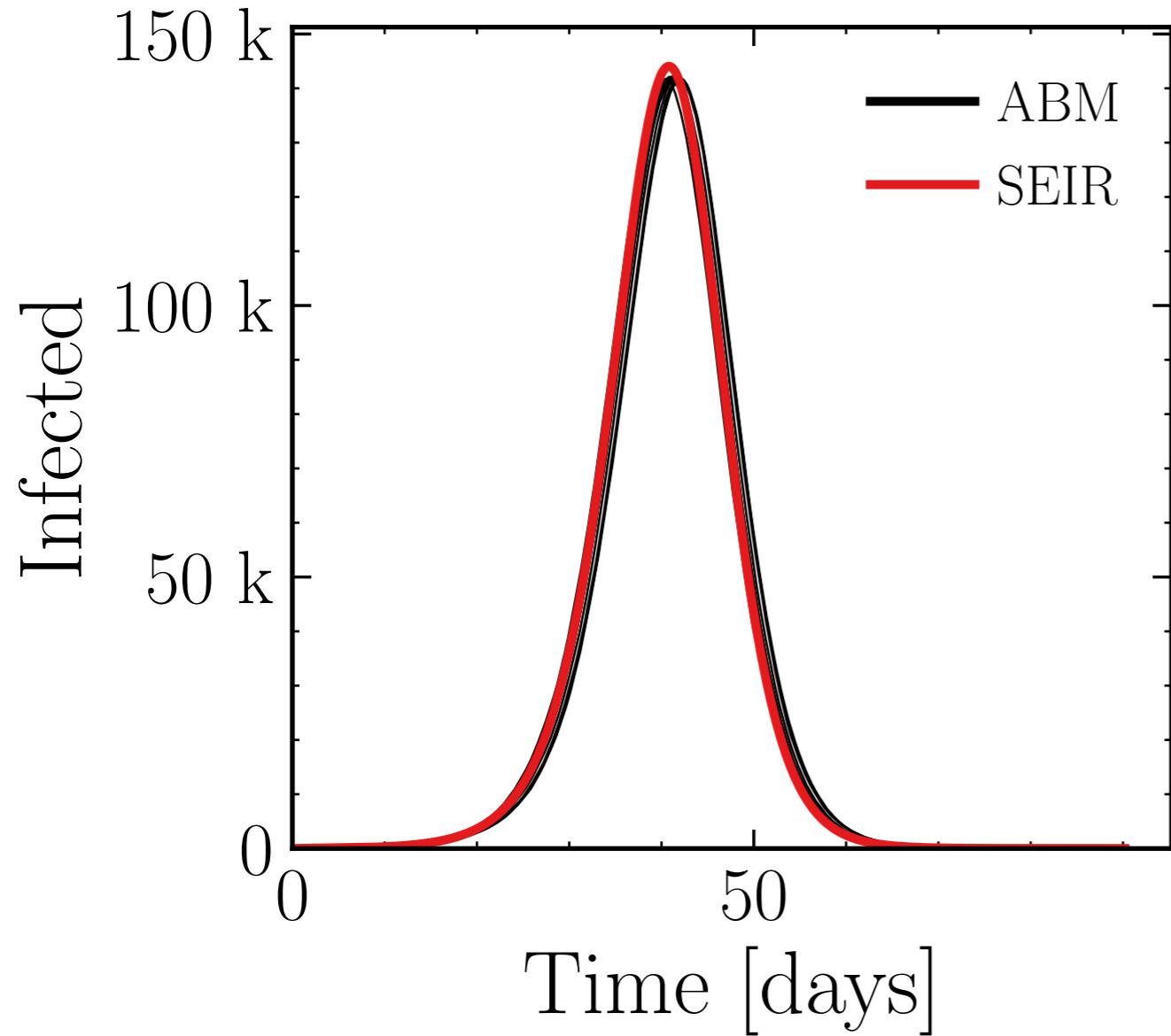
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (141.7 \pm 0.063\%) \cdot 10^3$

v. = 1.0, hash = 7792e2fa8f, #10

$R_{\infty}^{\text{ABM}} = (567.2 \pm 0.0085\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 90.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

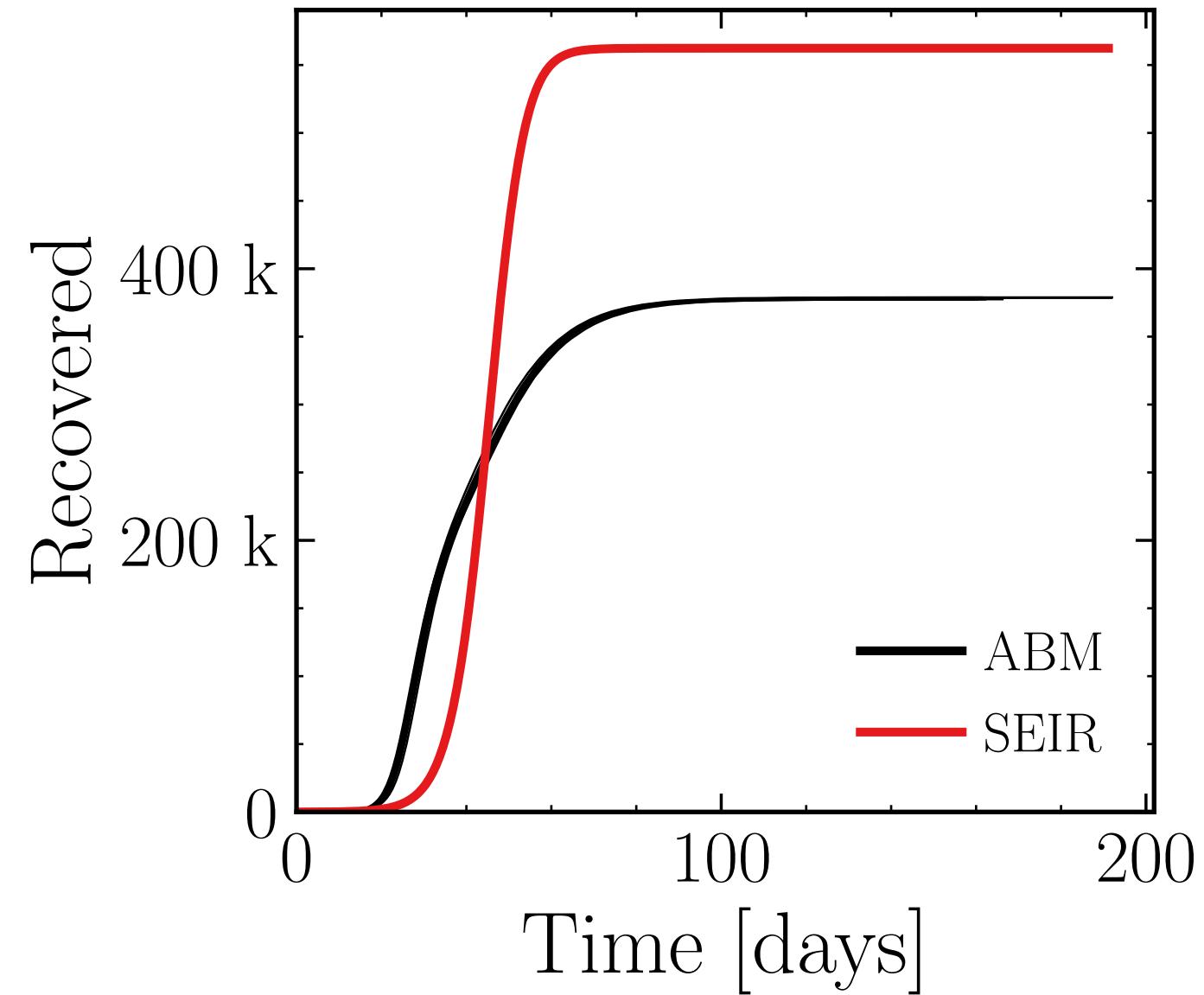
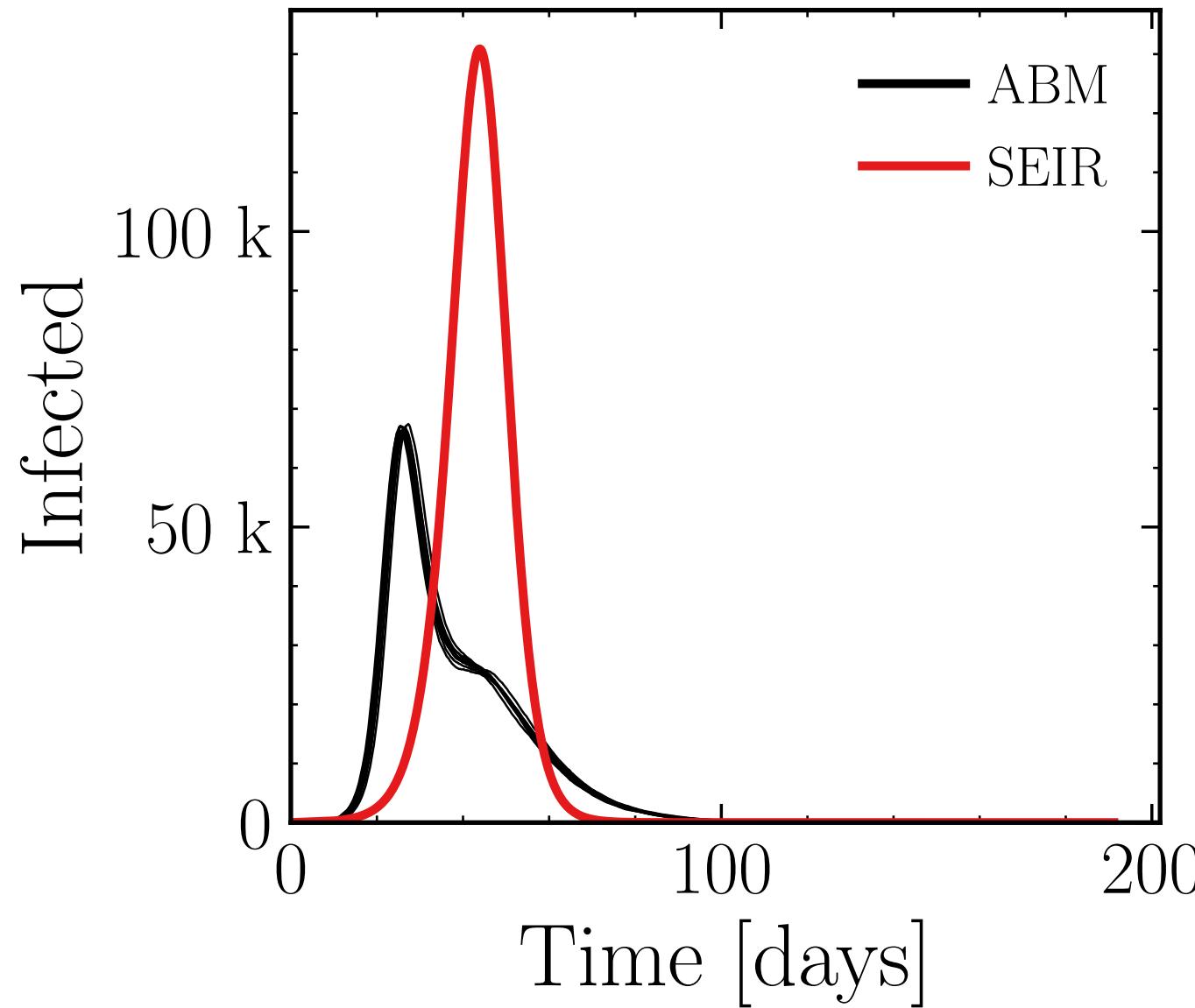
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (66.7 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = f15a9dbf44, #10

$R_\infty^{\text{ABM}} = (378.2 \pm 0.049\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 100.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

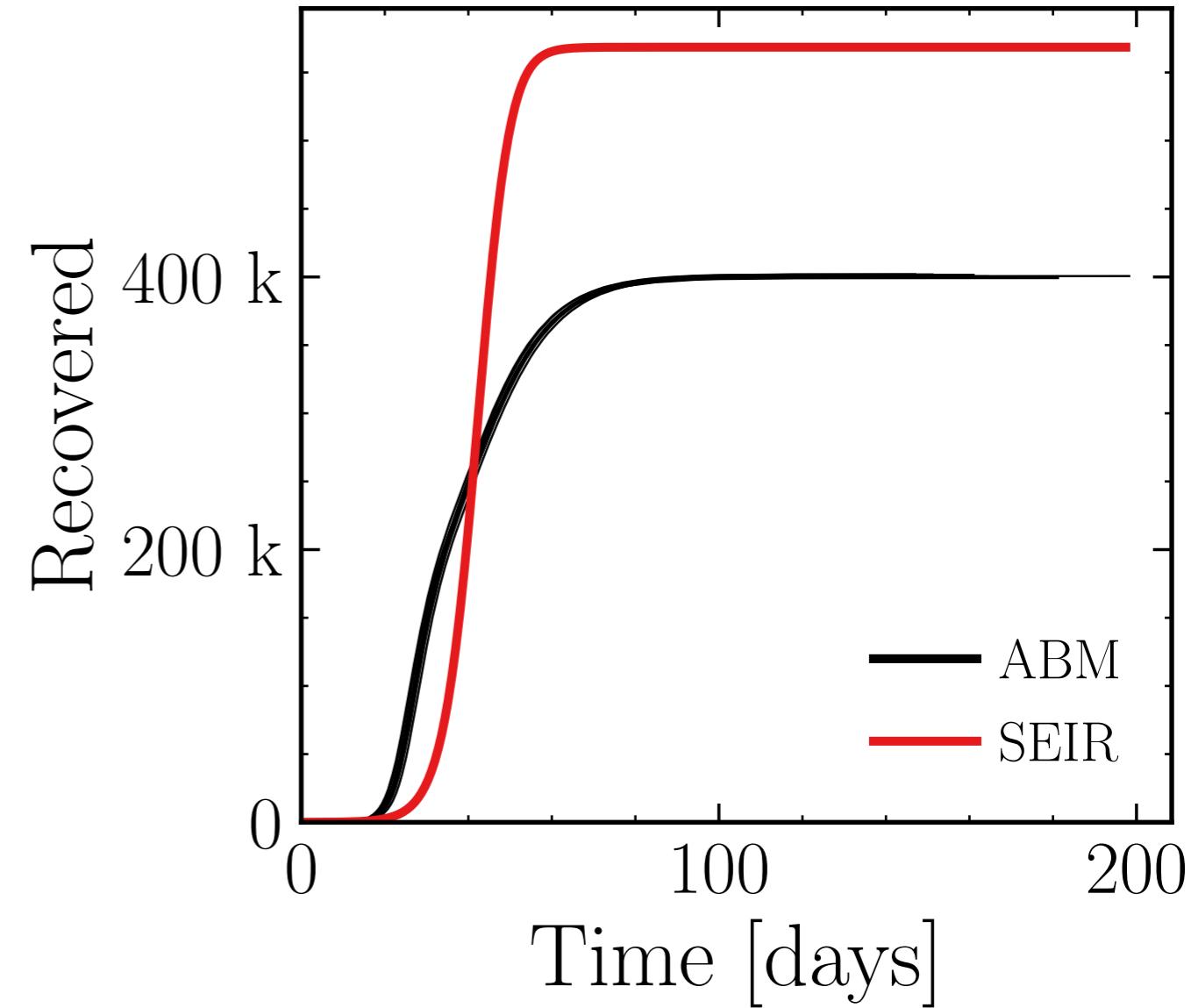
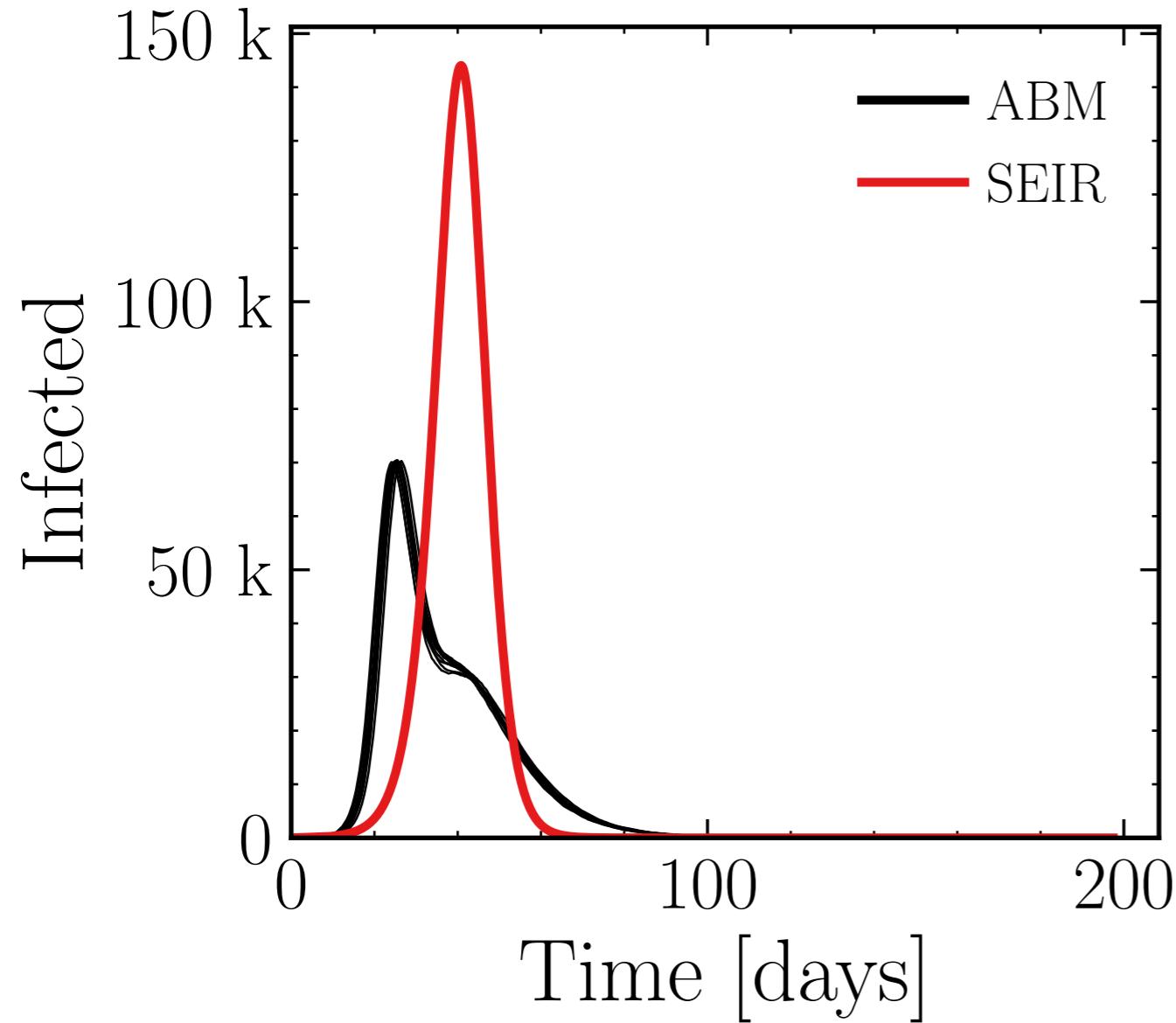
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (69.9 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 2843f0b89a, #10

$R_{\infty}^{\text{ABM}} = (400.8 \pm 0.066\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.006$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

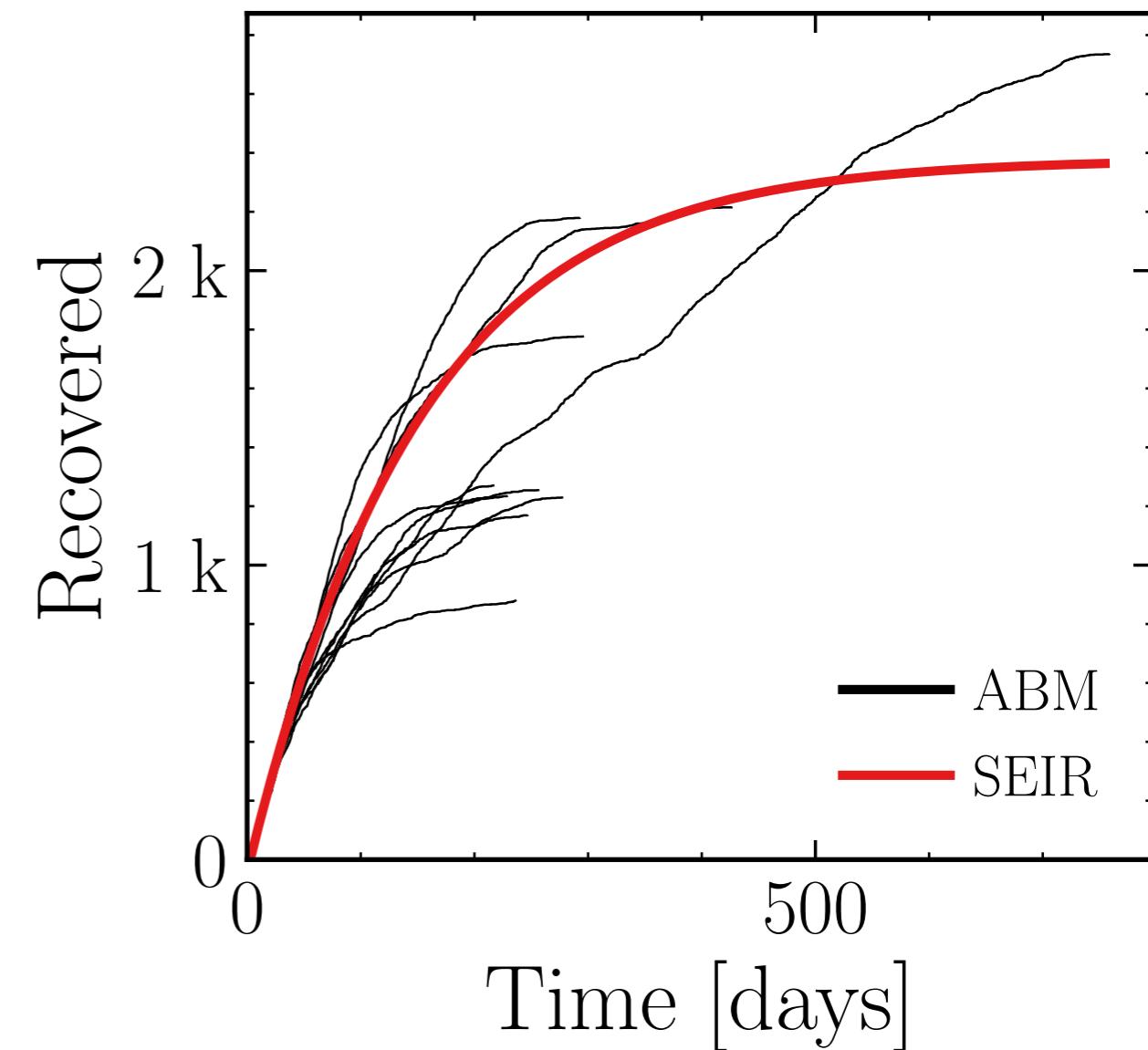
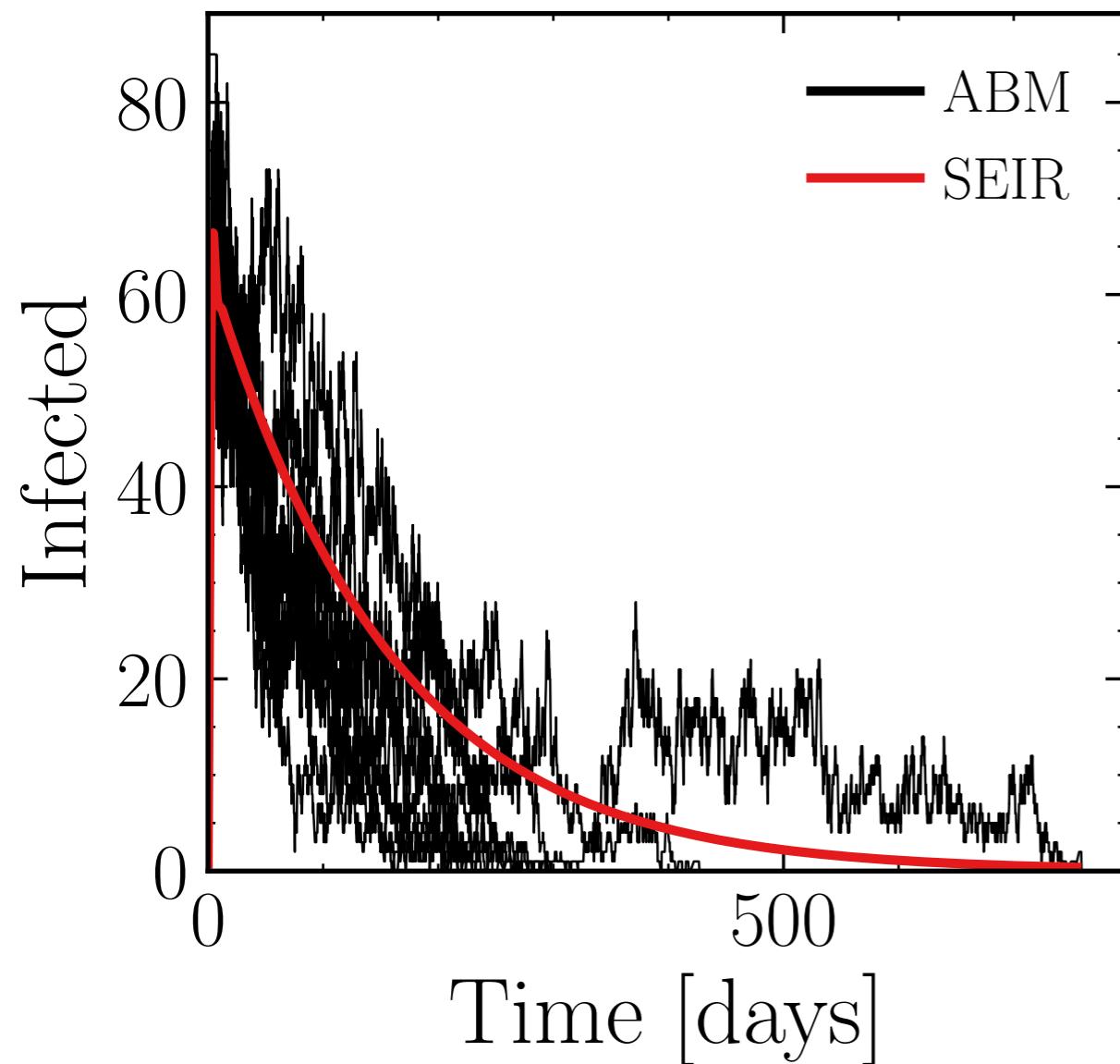
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

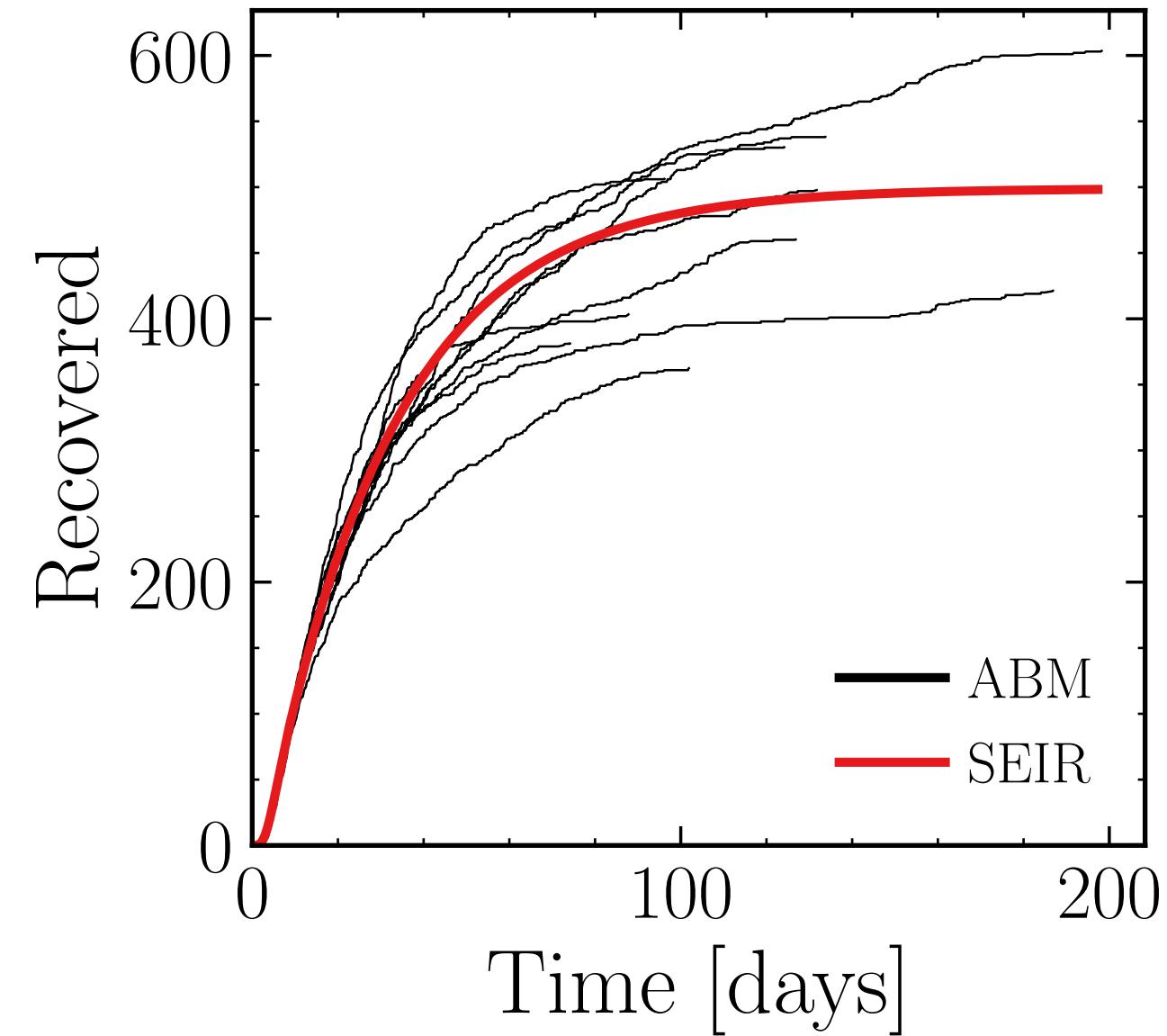
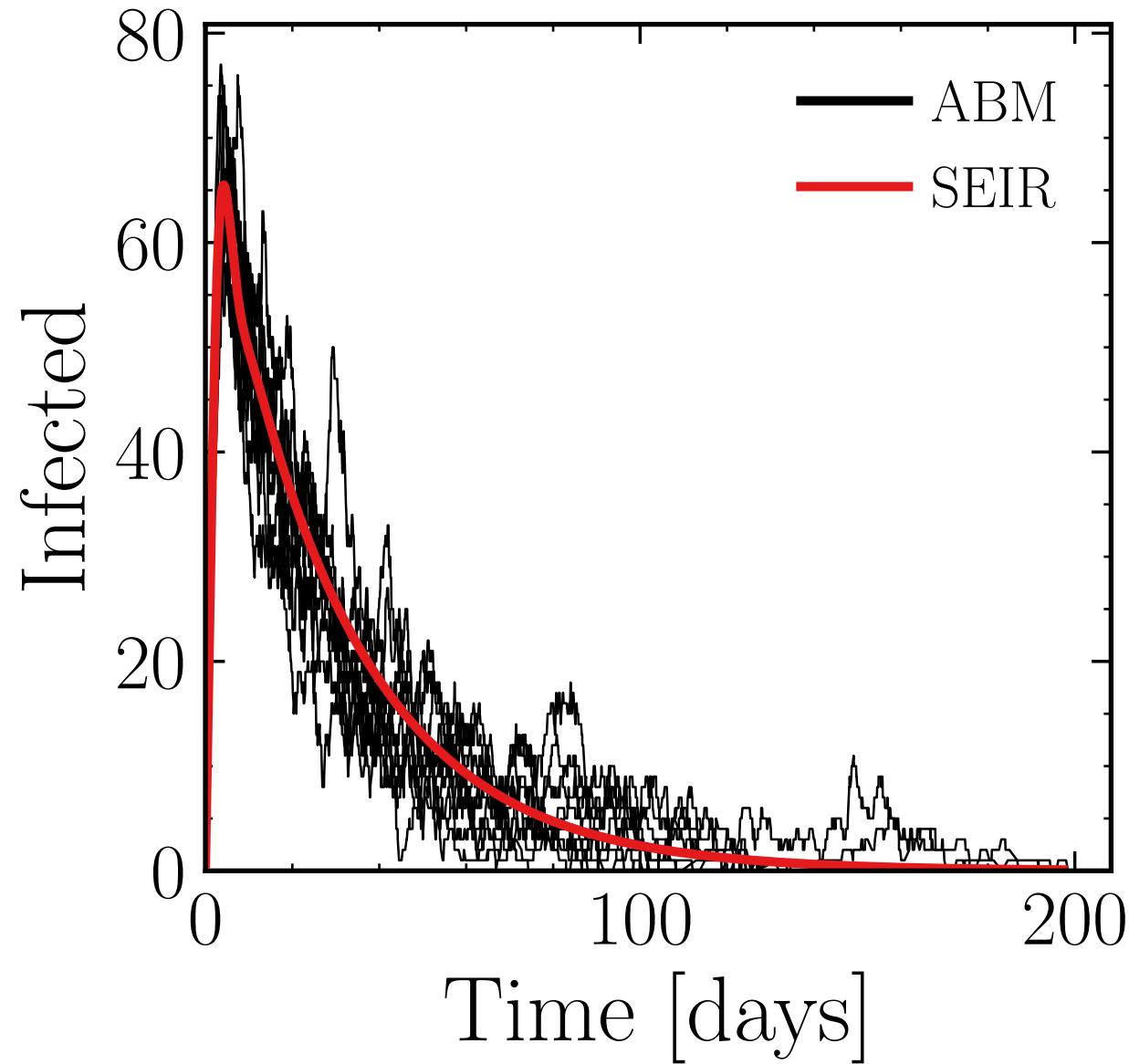
$I_{\text{max}}^{\text{ABM}} = (75 \pm 2.7\%)$.

v. = 1.0, hash = 6a85f78957, #10

$R_\infty^{\text{ABM}} = (1.6 \pm 1.1e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (69 \pm 2.2\%)$. v. = 1.0, hash = 9cce72883b, #10
 $R_\infty^{\text{ABM}} = (470 \pm 5.0\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.008$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

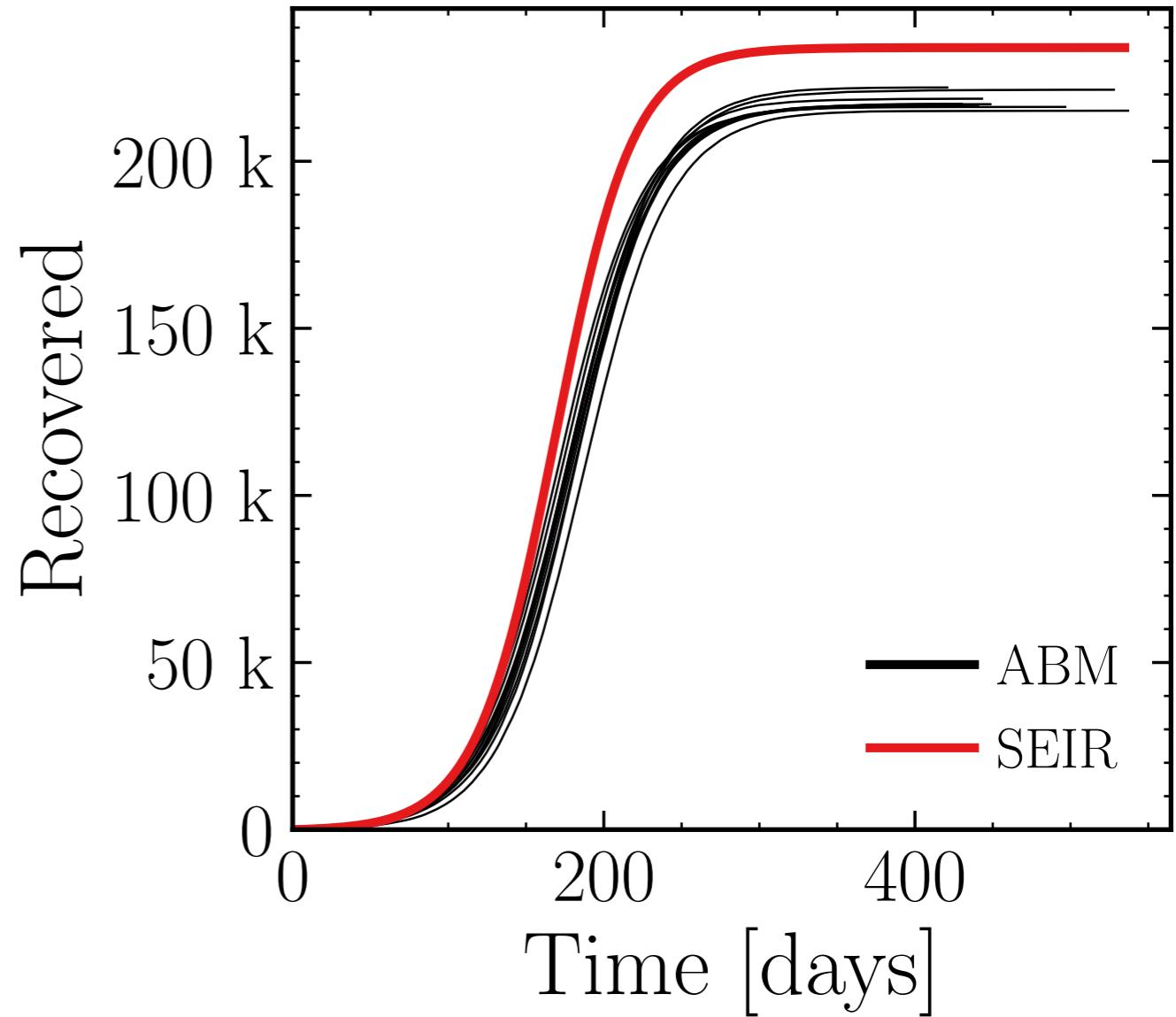
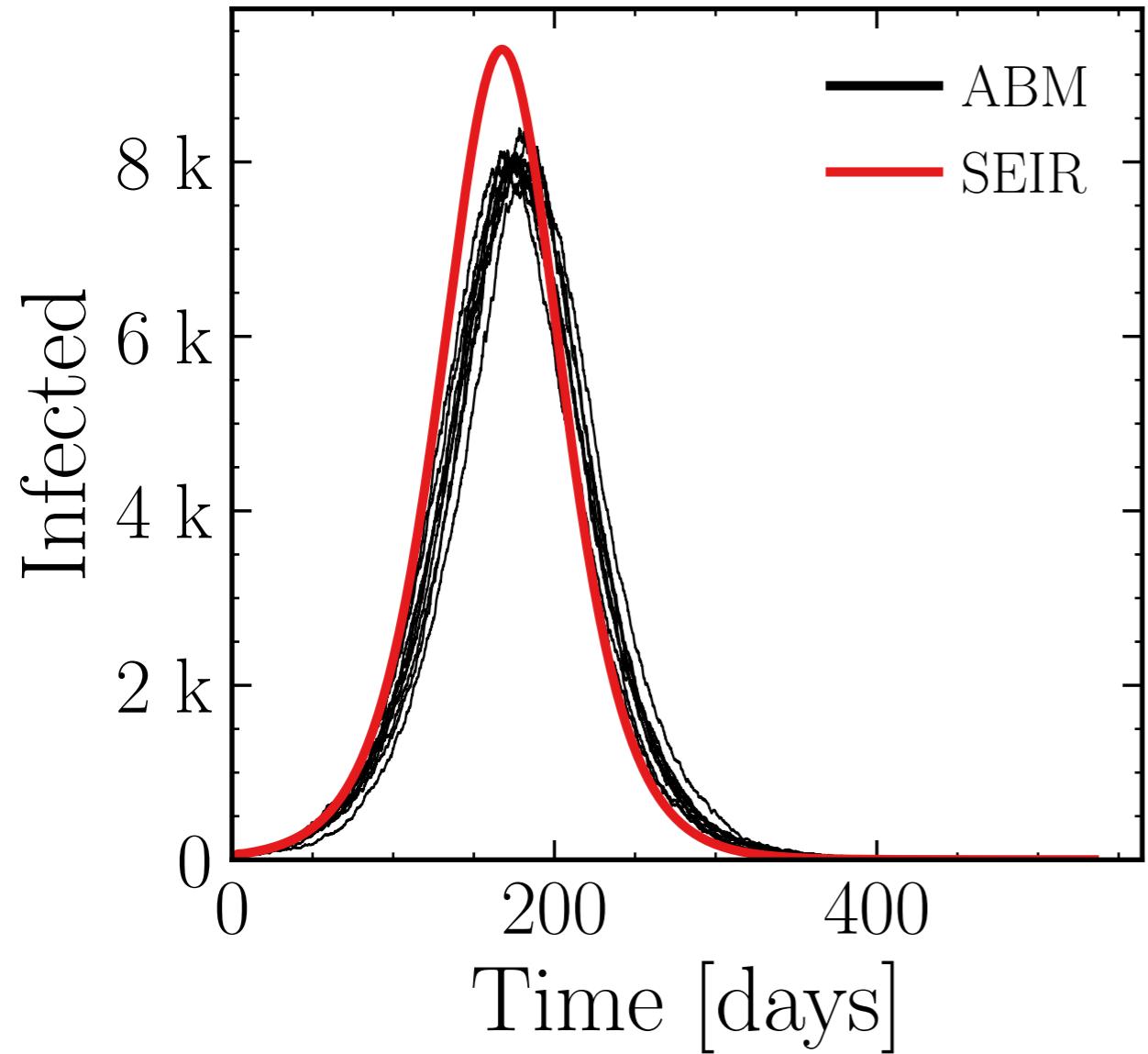
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (8.07 \pm 0.63\%) \cdot 10^3$

v. = 1.0, hash = 27186920f8, #10

$R_{\infty}^{\text{ABM}} = (217.8 \pm 0.31\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

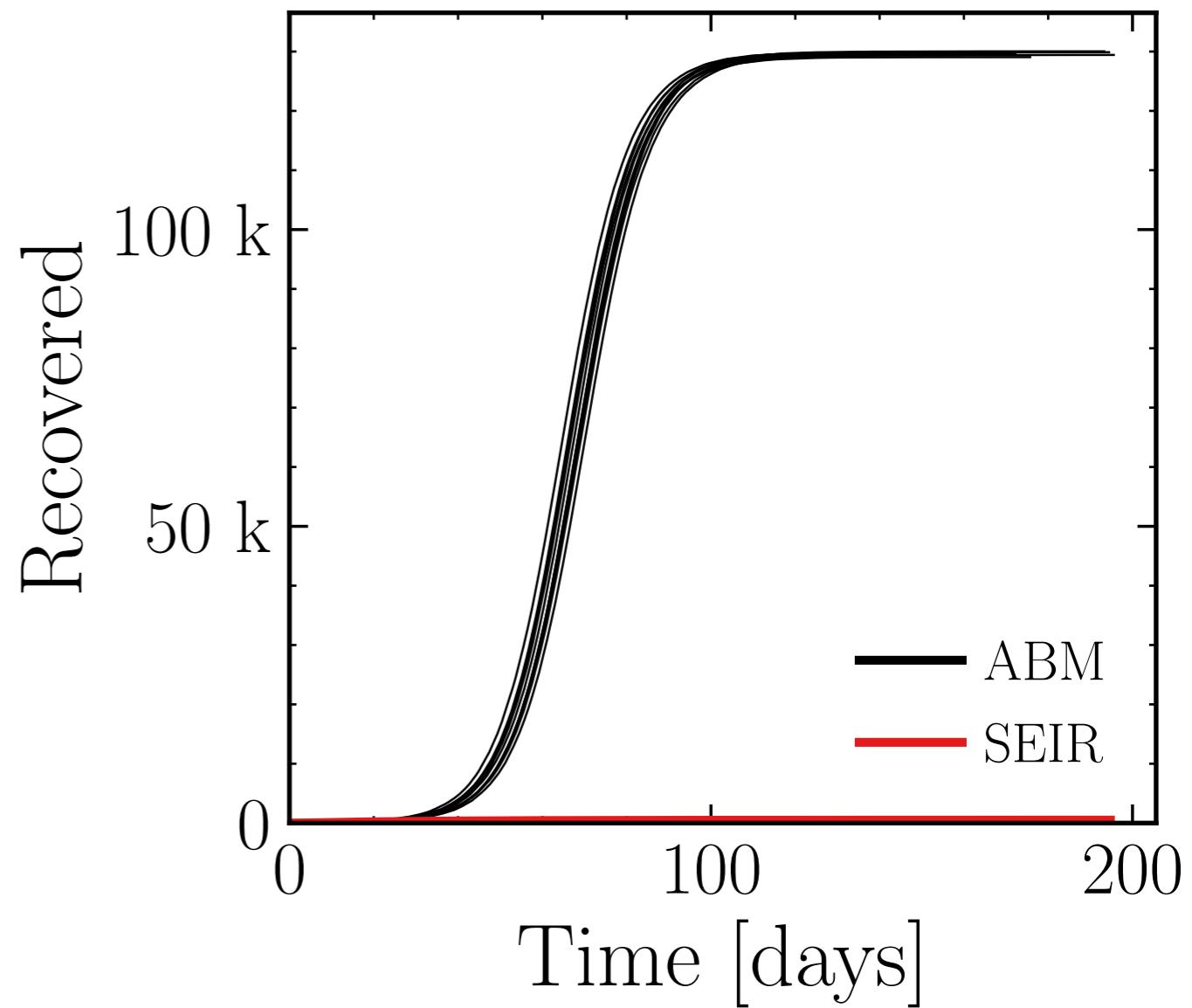
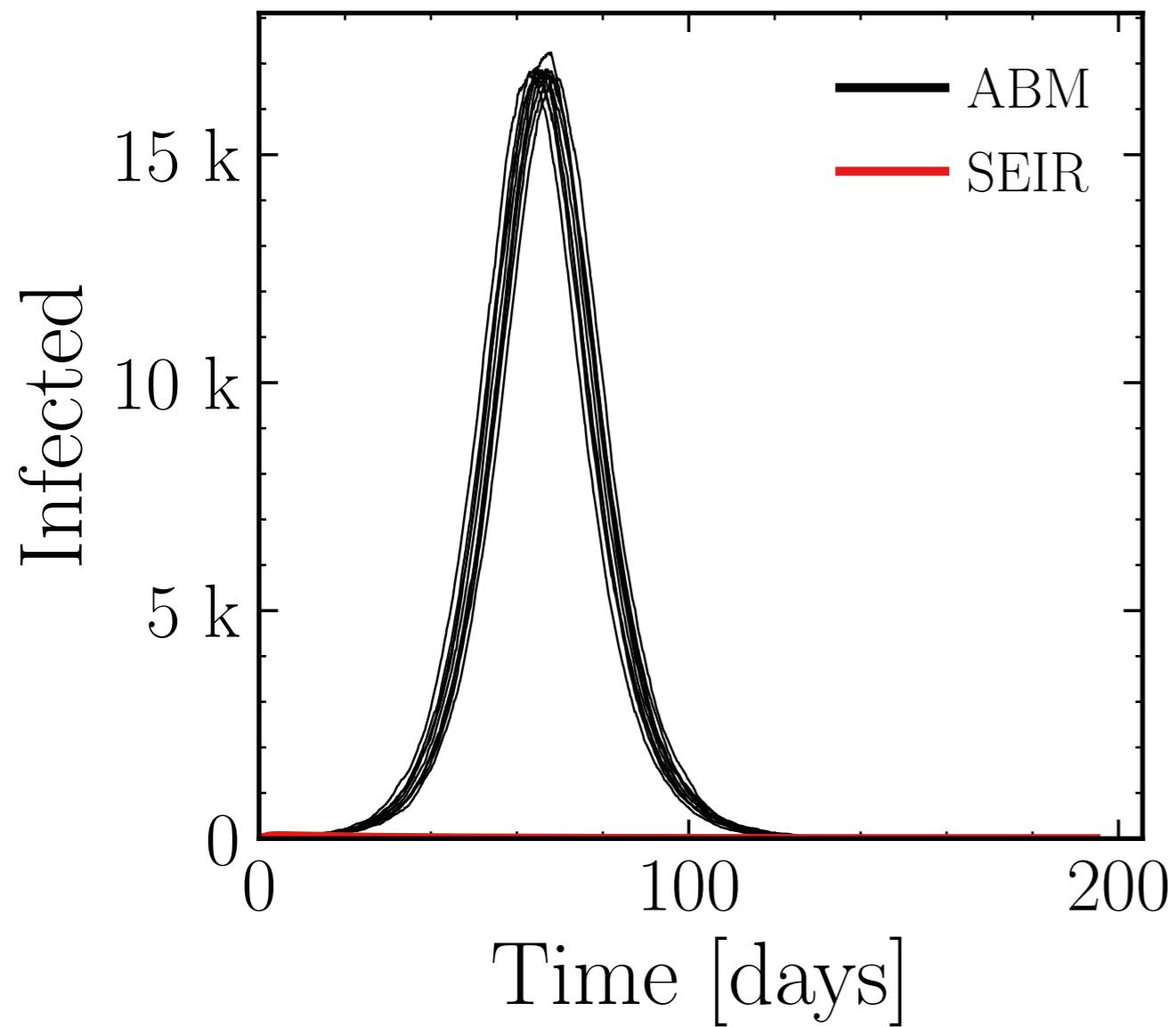
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (16.84 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 3e05448c41, #10

$R_{\infty}^{\text{ABM}} = (129.65 \pm 0.069\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.006$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

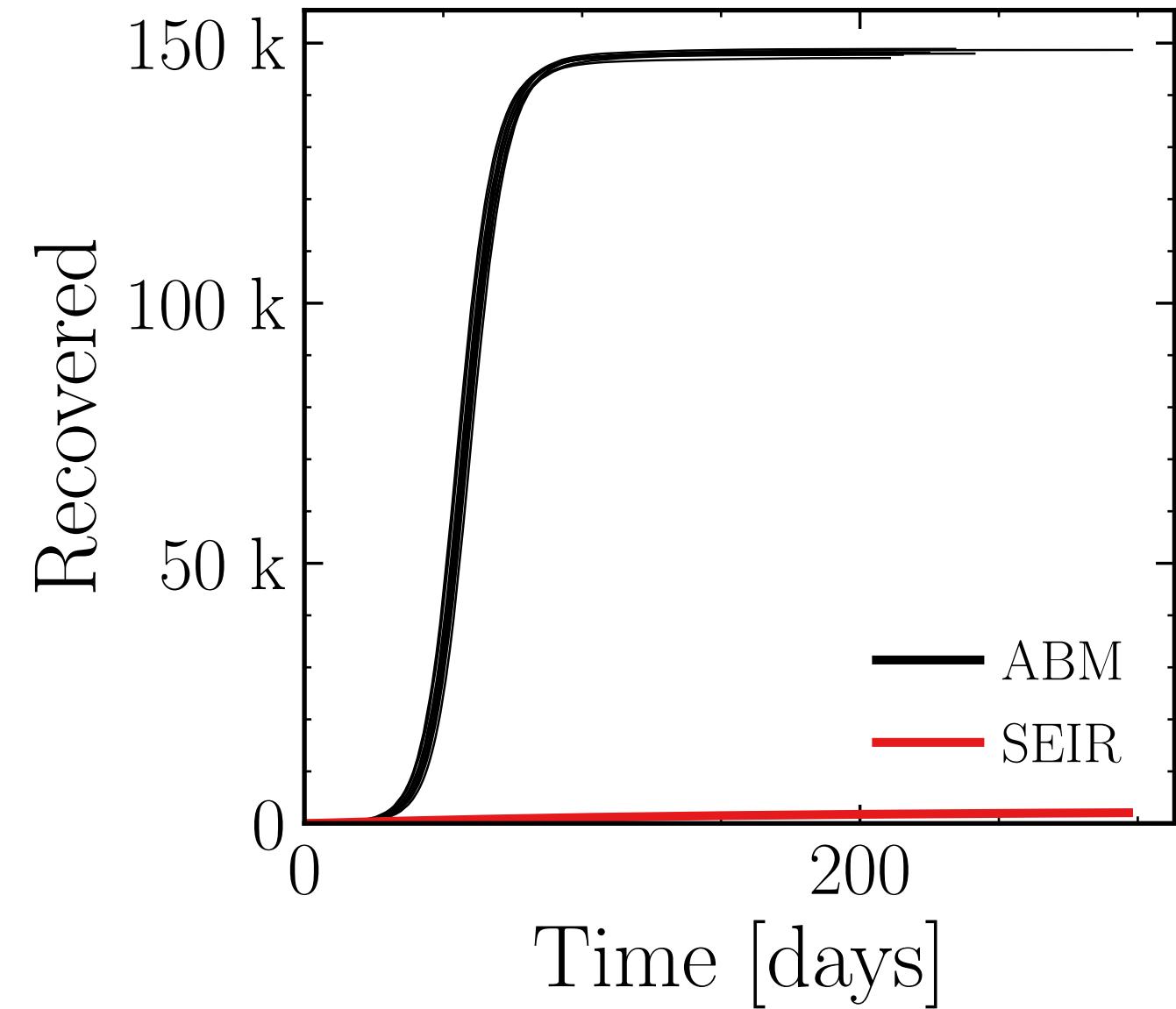
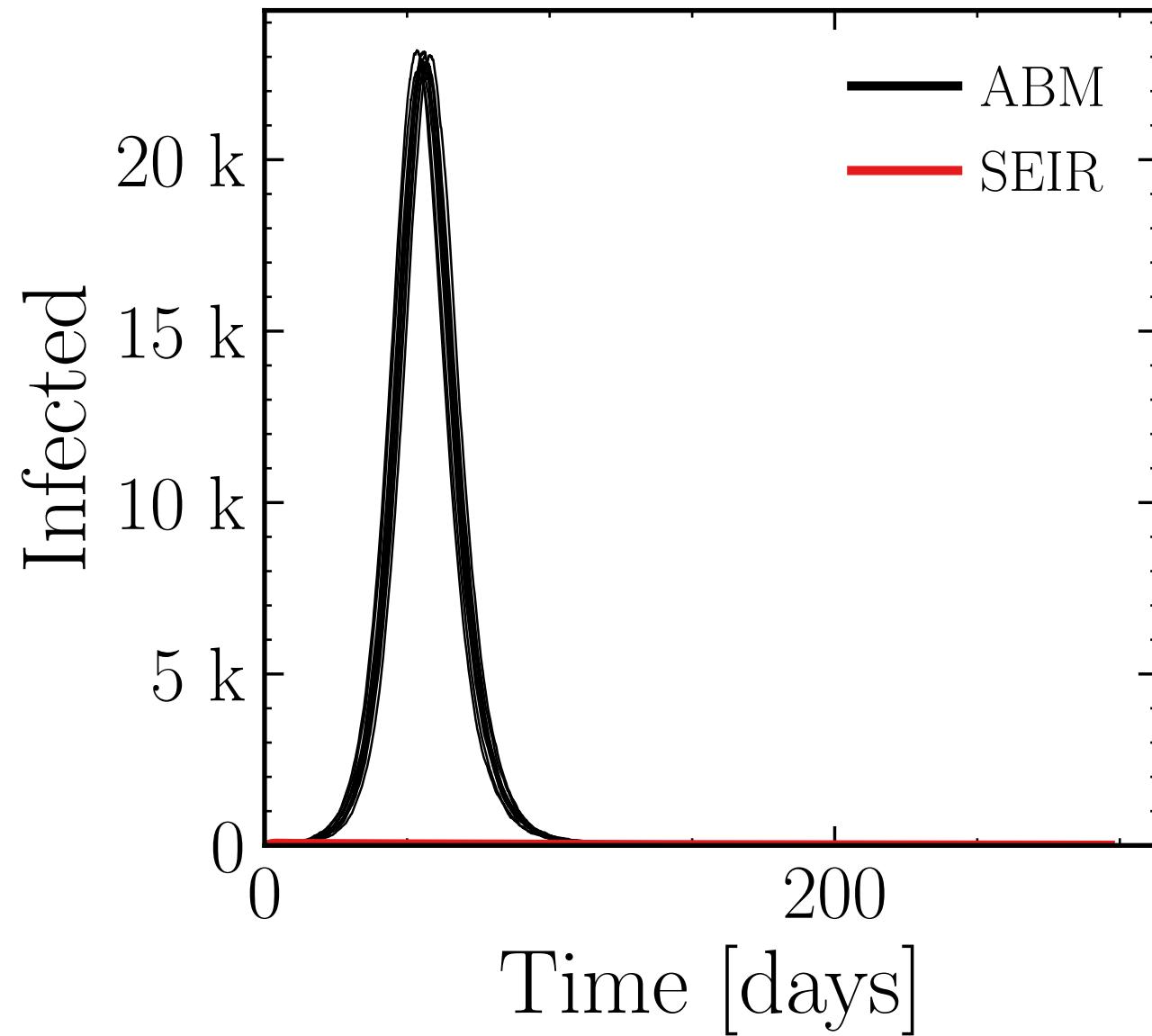
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (22.92 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 5a7fcf345a, #10

$R_{\infty}^{\text{ABM}} = (148.1 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.009$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

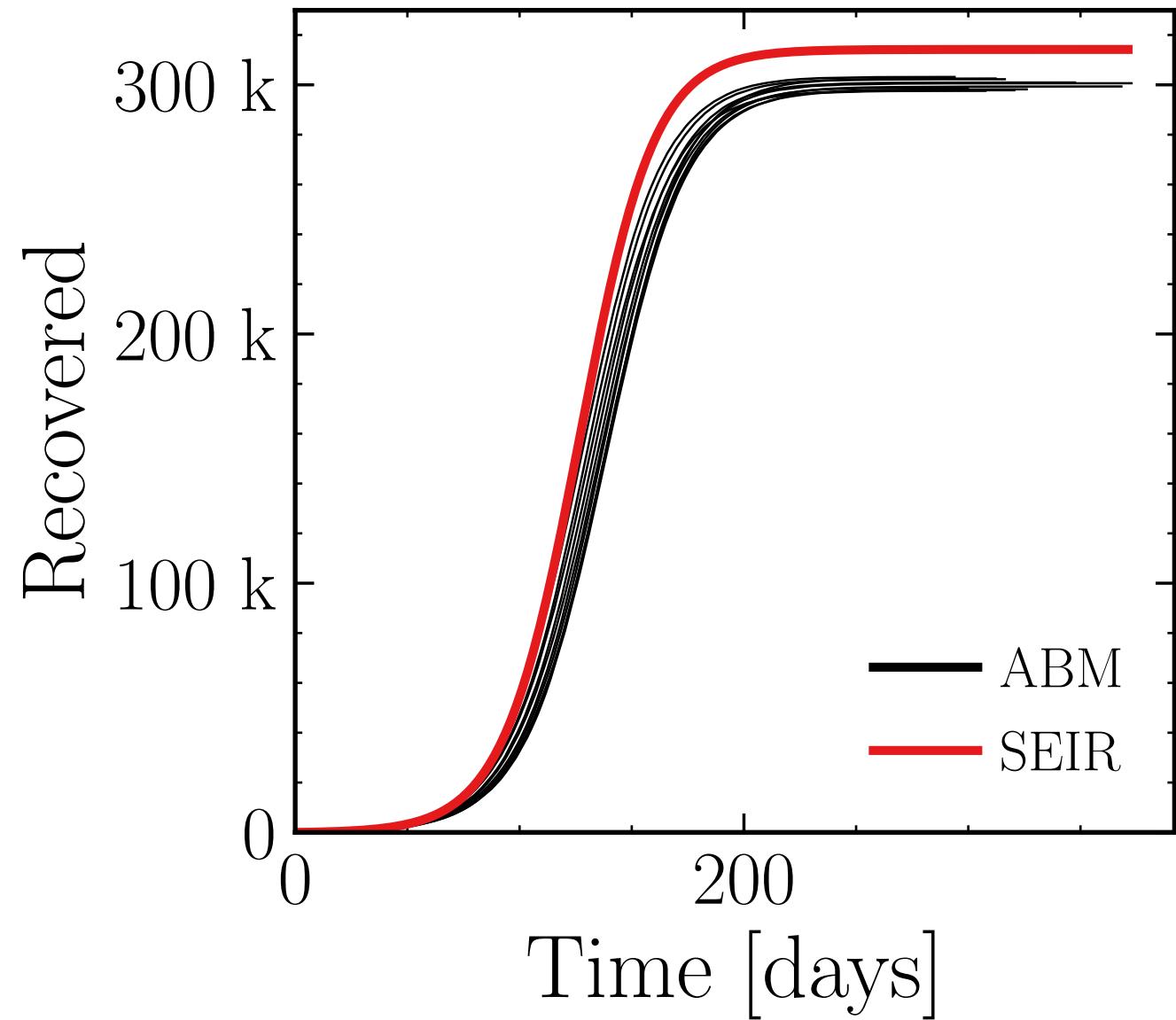
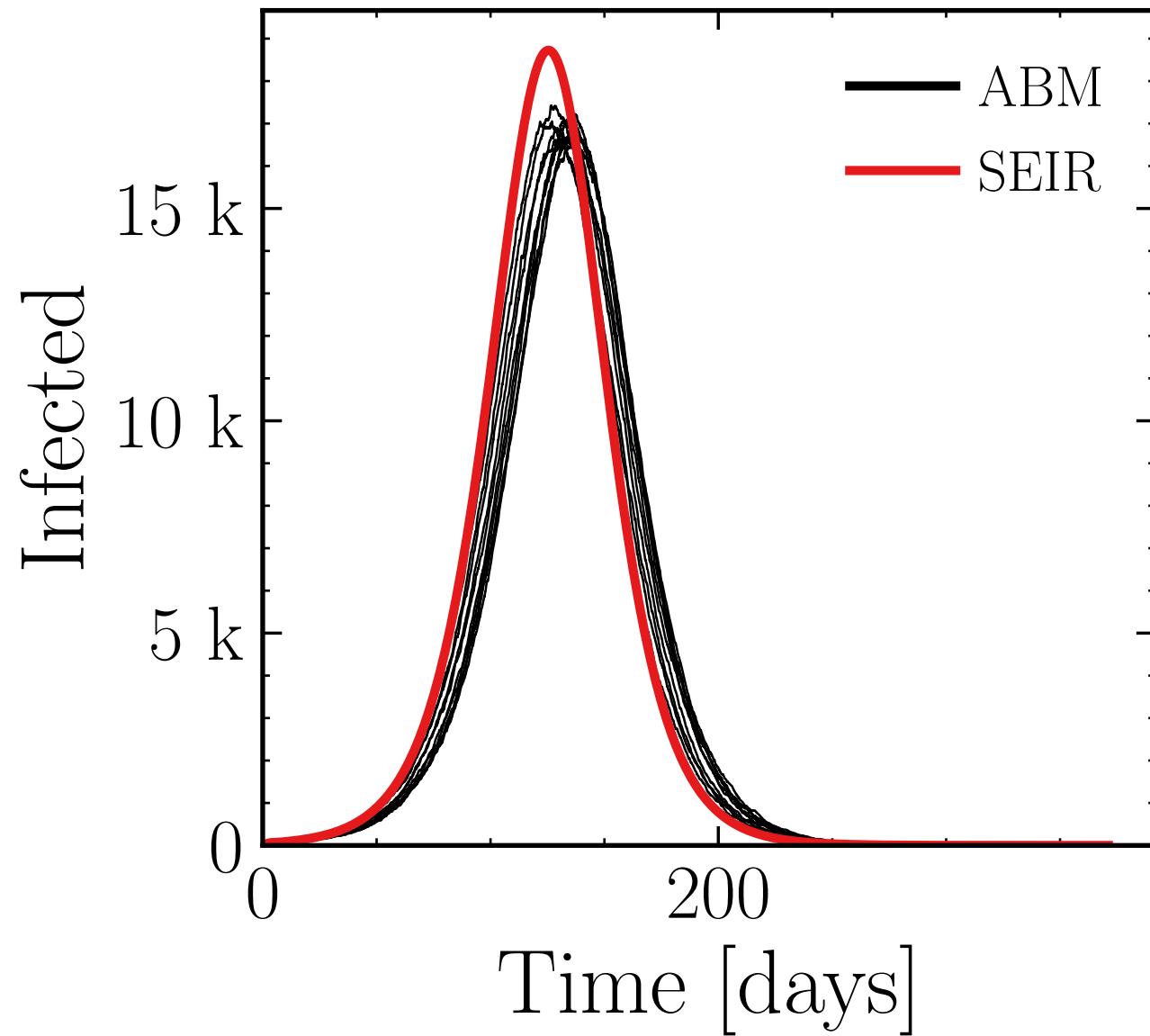
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (16.94 \pm 0.48\%) \cdot 10^3$

v. = 1.0, hash = c5a97aba6a, #10

$R_\infty^{\text{ABM}} = (300.1 \pm 0.21\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.008$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

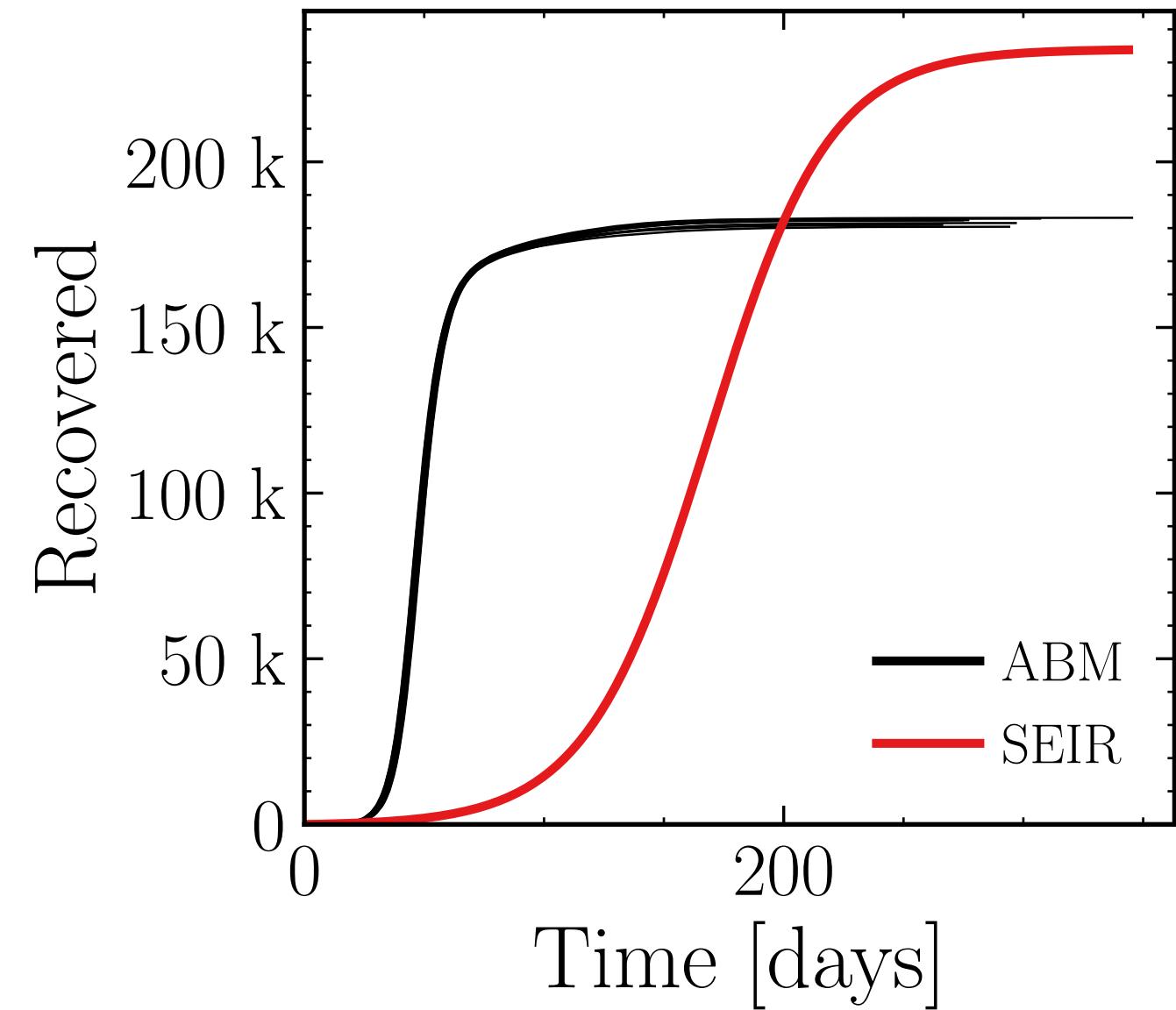
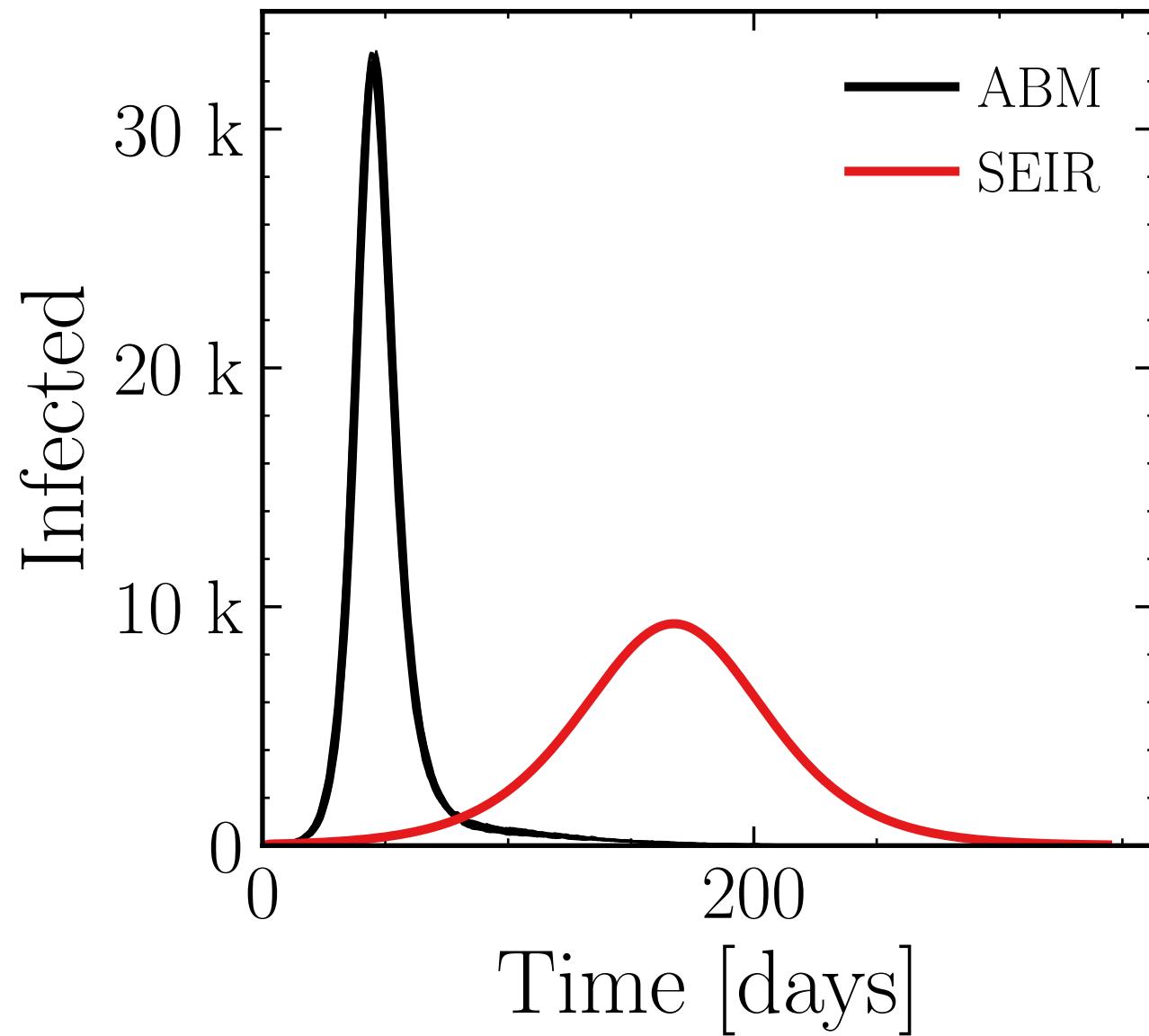
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (32.97 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 1427098c29, #10

$R_\infty^{\text{ABM}} = (182.1 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

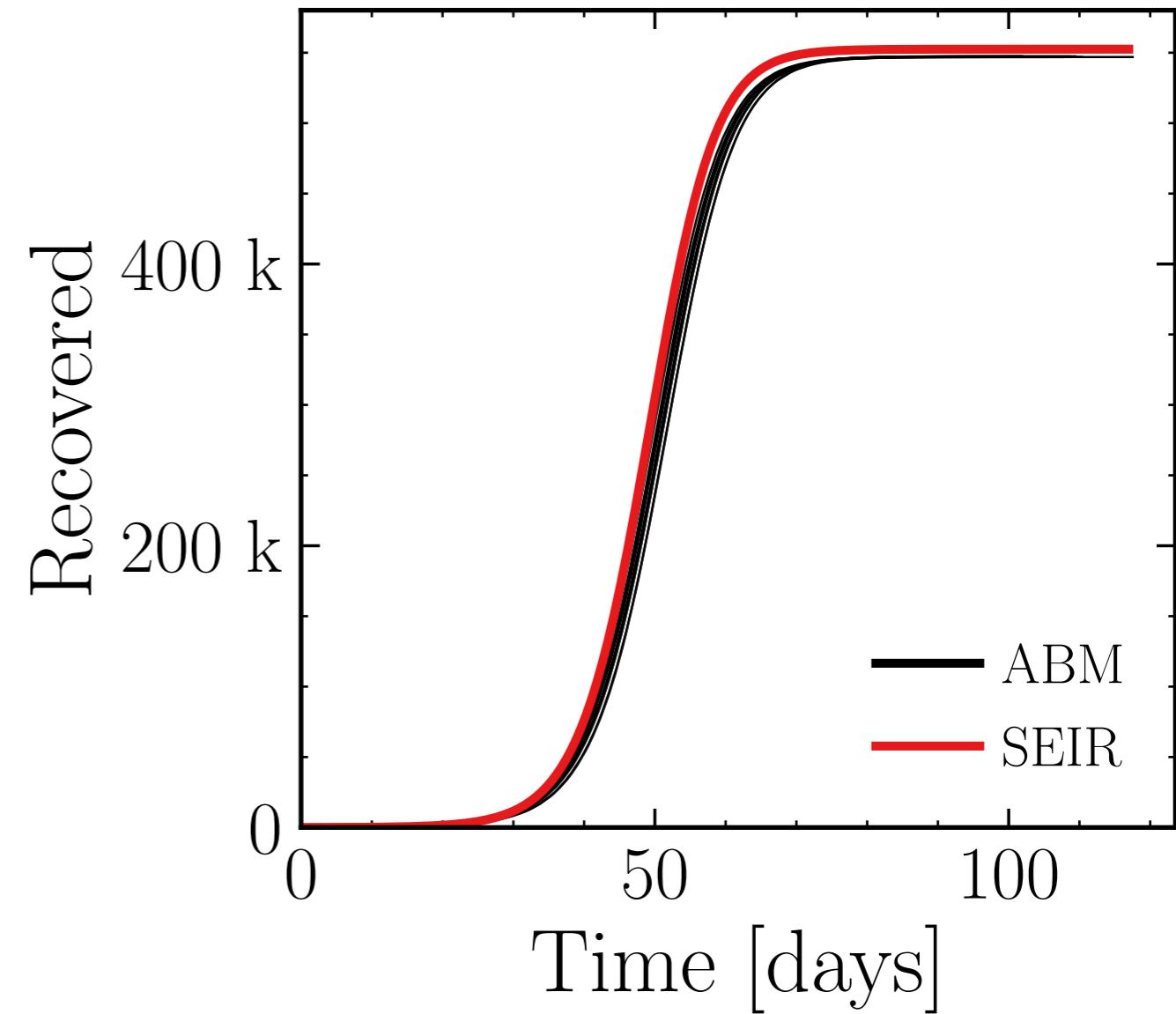
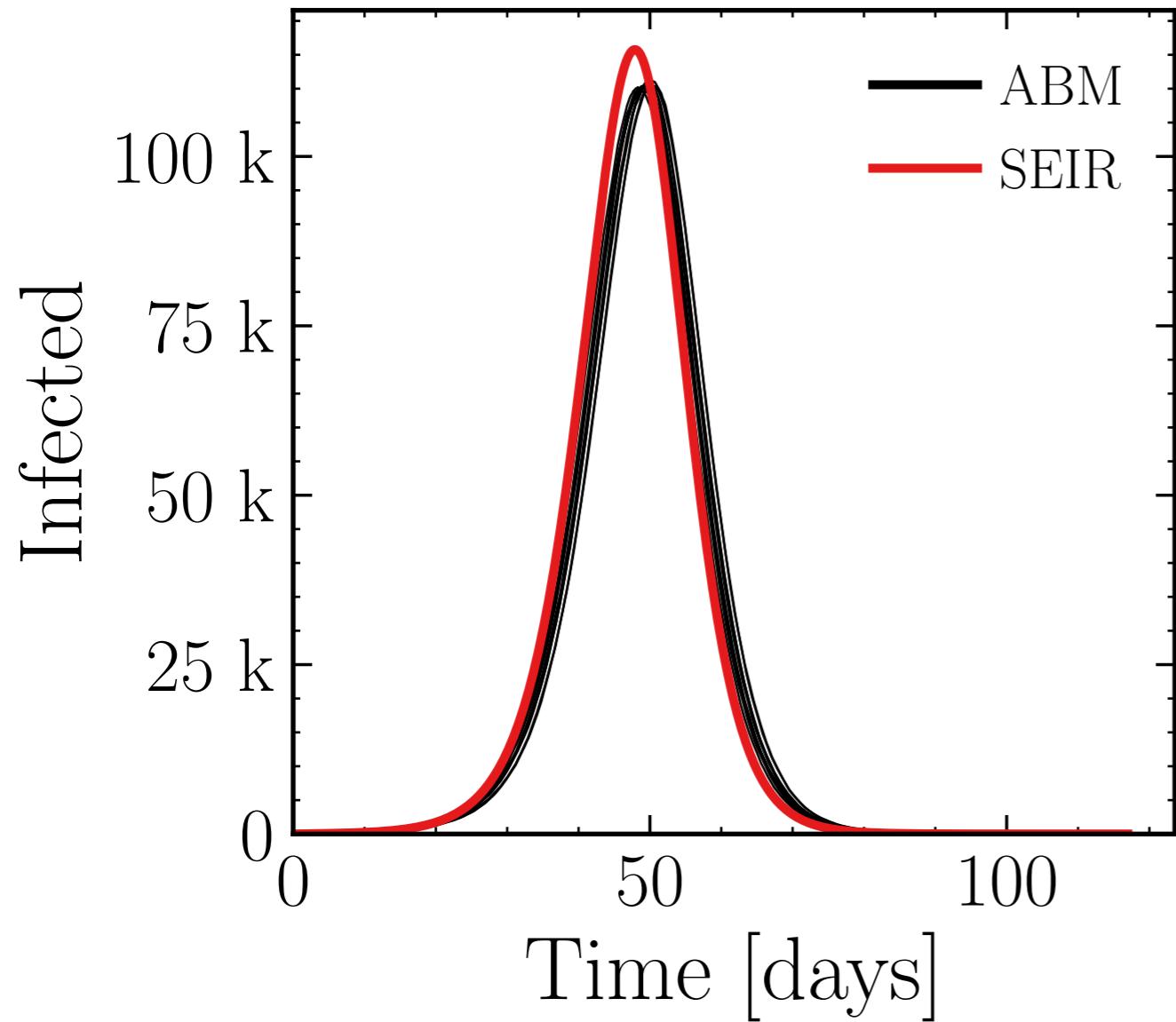
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (110.5 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 520980155a, #10

$R_{\infty}^{\text{ABM}} = (547.21 \pm 0.012\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.009$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

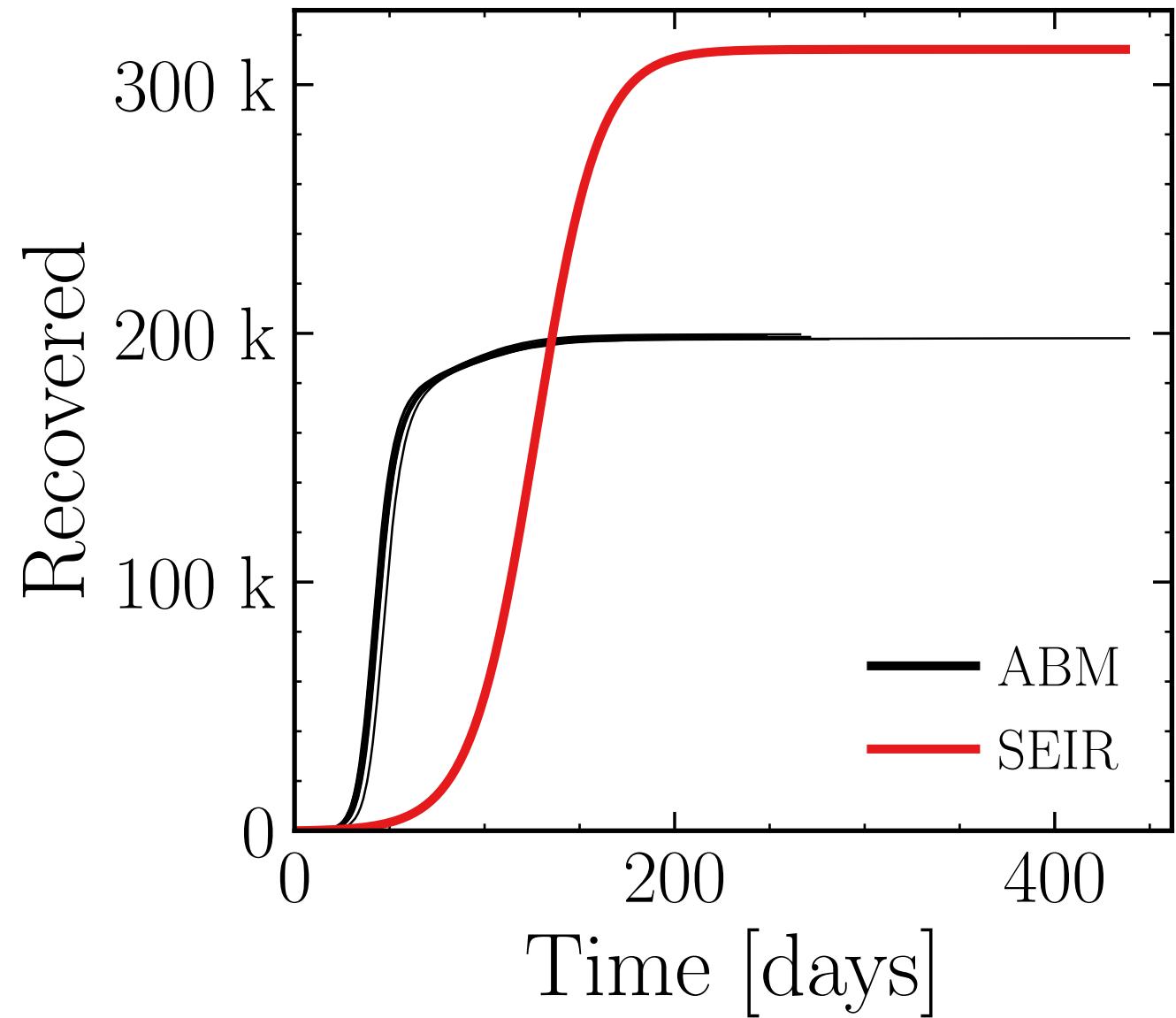
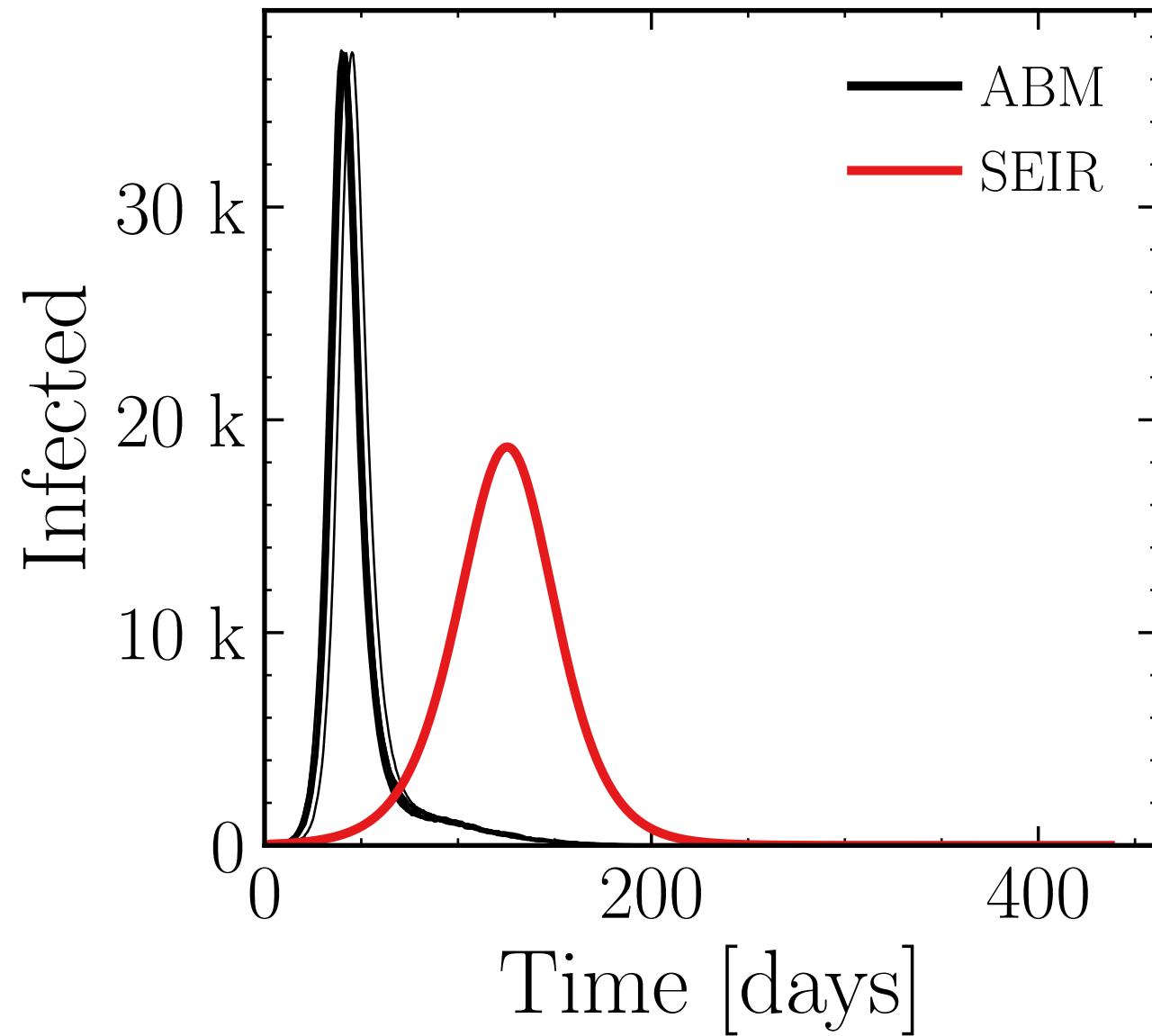
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (37.08 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 2b15df29a1, #10

$R_{\infty}^{\text{ABM}} = (198.5 \pm 0.089\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

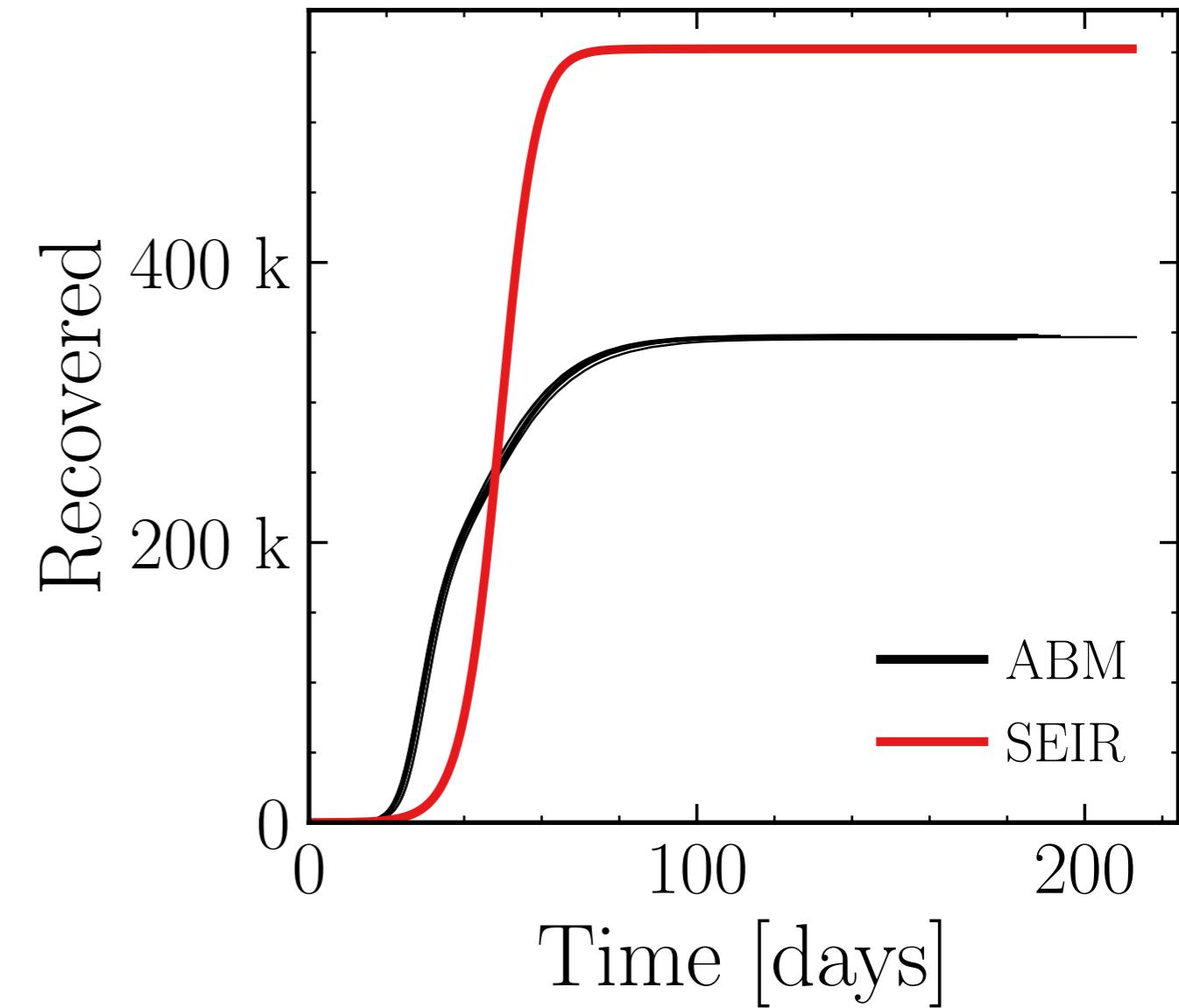
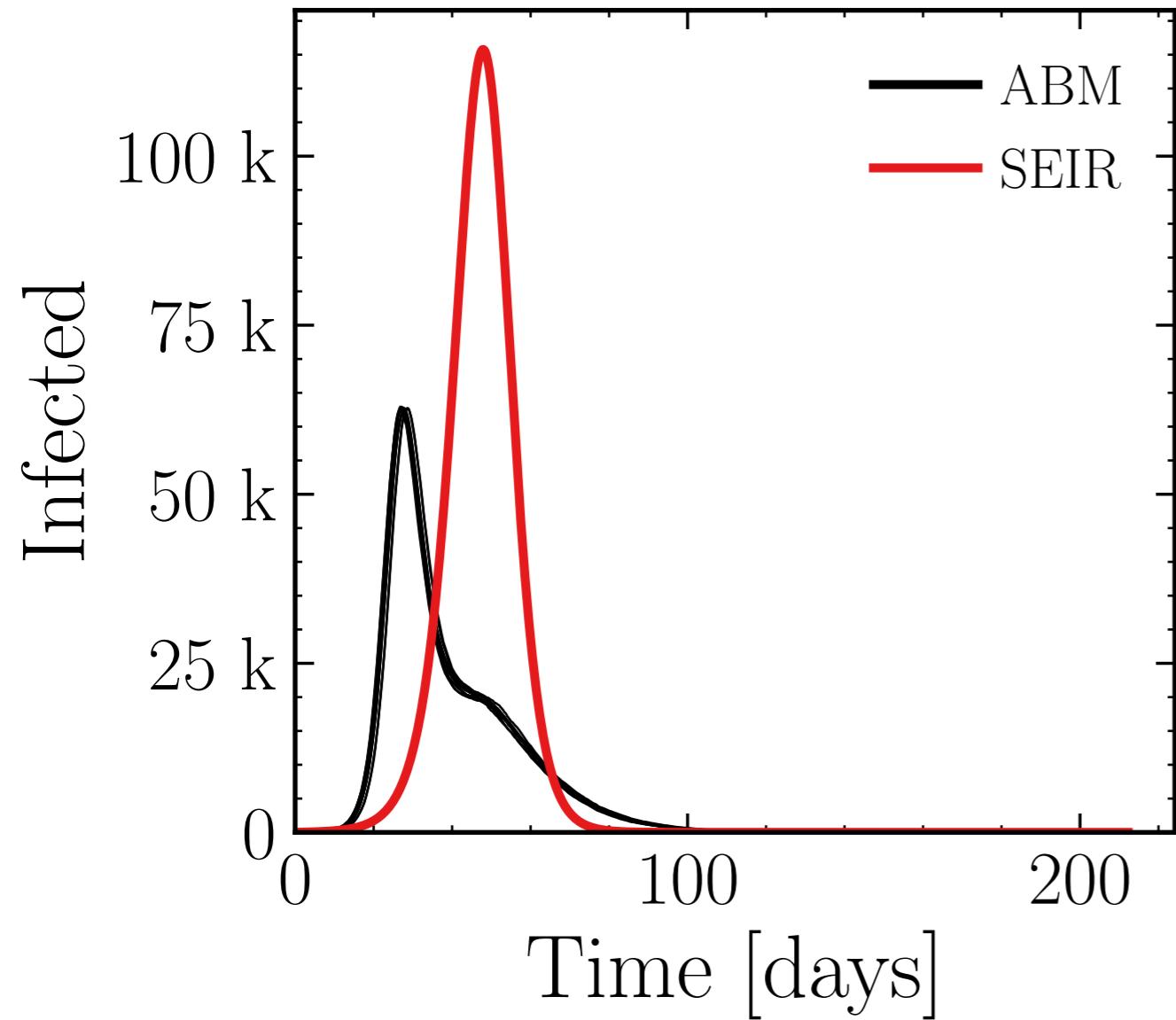
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (62.61 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 35a72102bd, #10

$R_{\infty}^{\text{ABM}} = (347.3 \pm 0.078\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.03$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

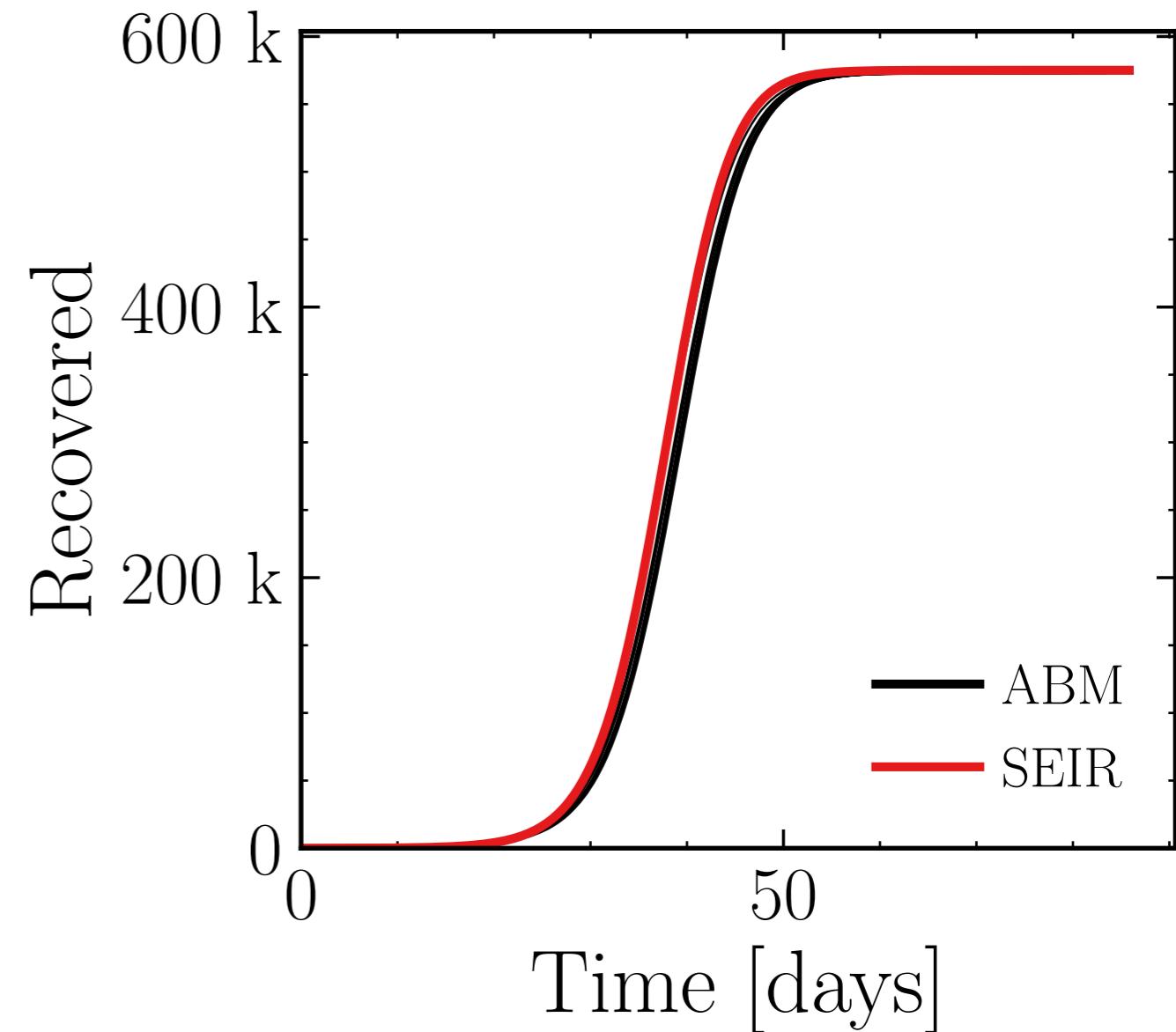
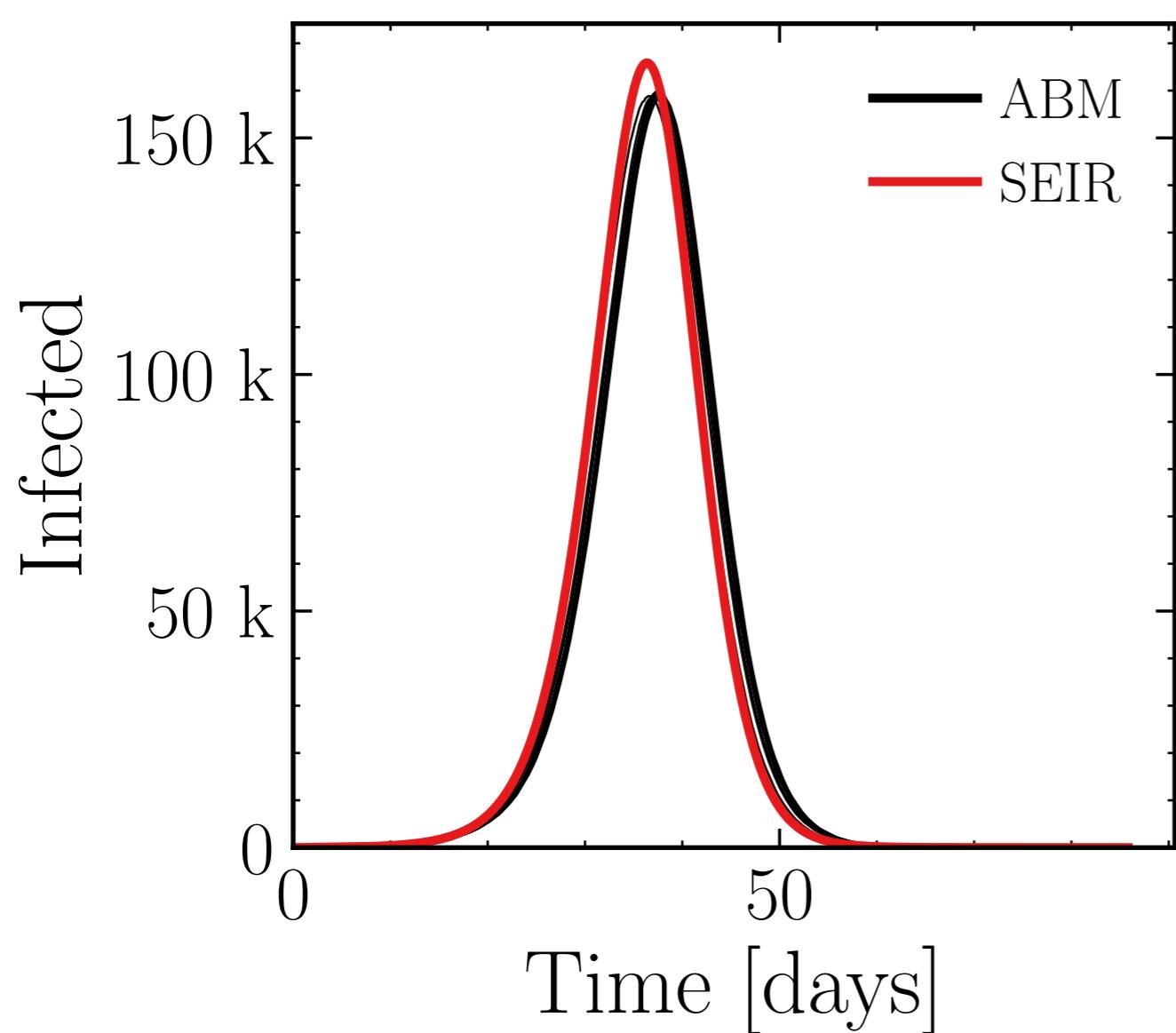
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (159.2 \pm 0.077\%) \cdot 10^3$

v. = 1.0, hash = 099e9b65ee, #10

$R_{\infty}^{\text{ABM}} = (572.95 \pm 0.0048\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.03$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

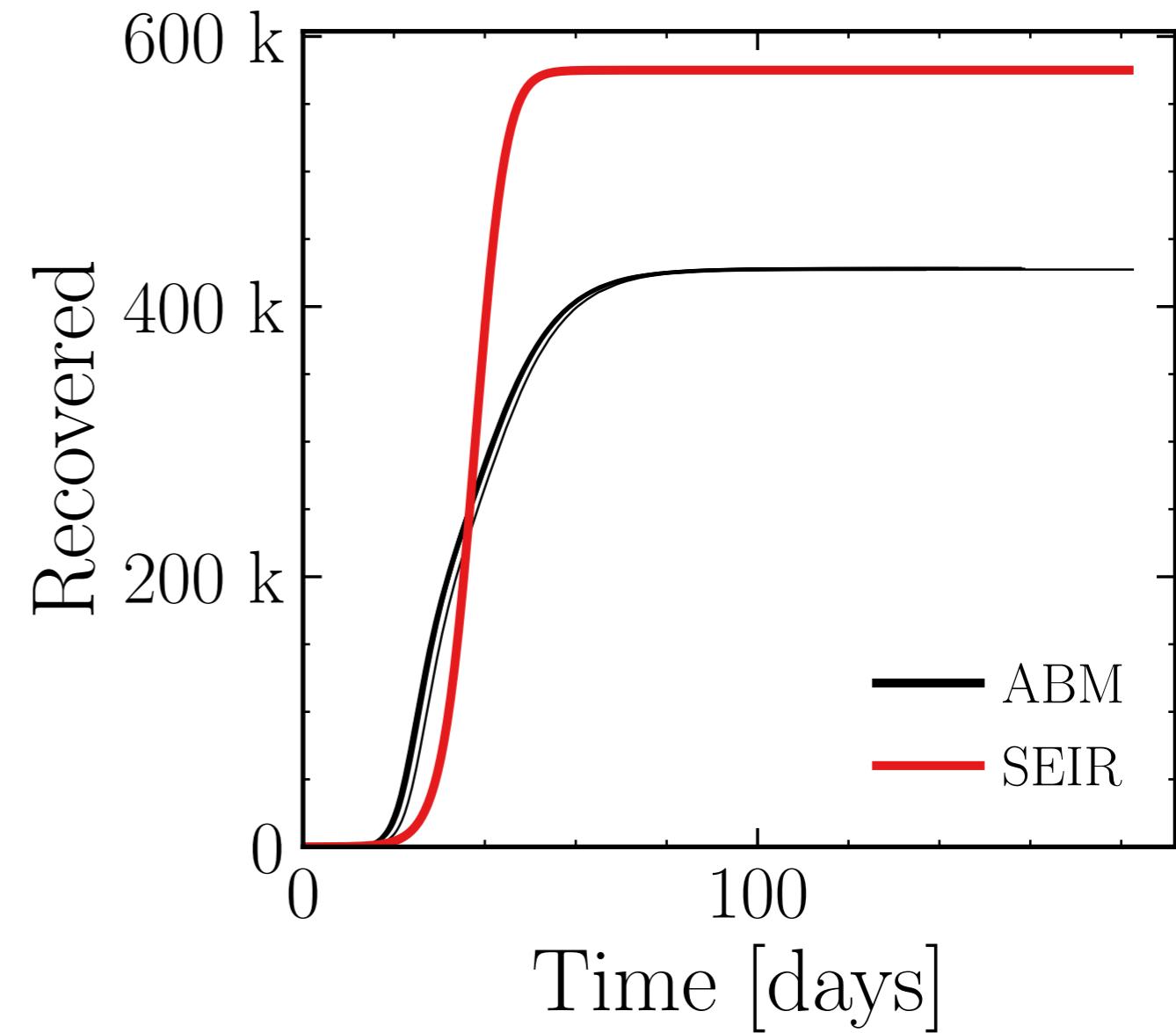
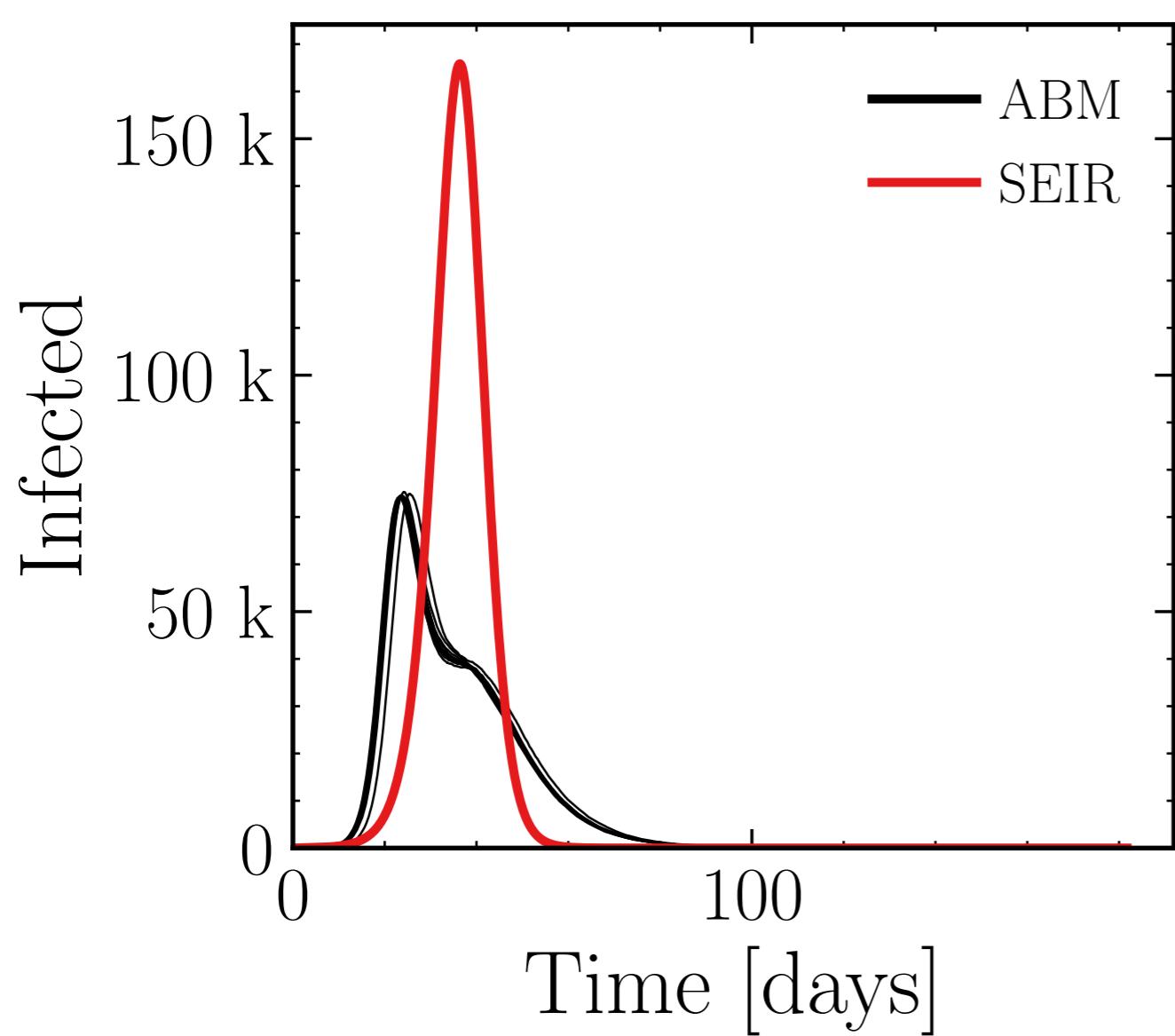
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (74.5 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = b02888749a, #10

$R_{\infty}^{\text{ABM}} = (428 \pm 0.032\%) \cdot 10^3$



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

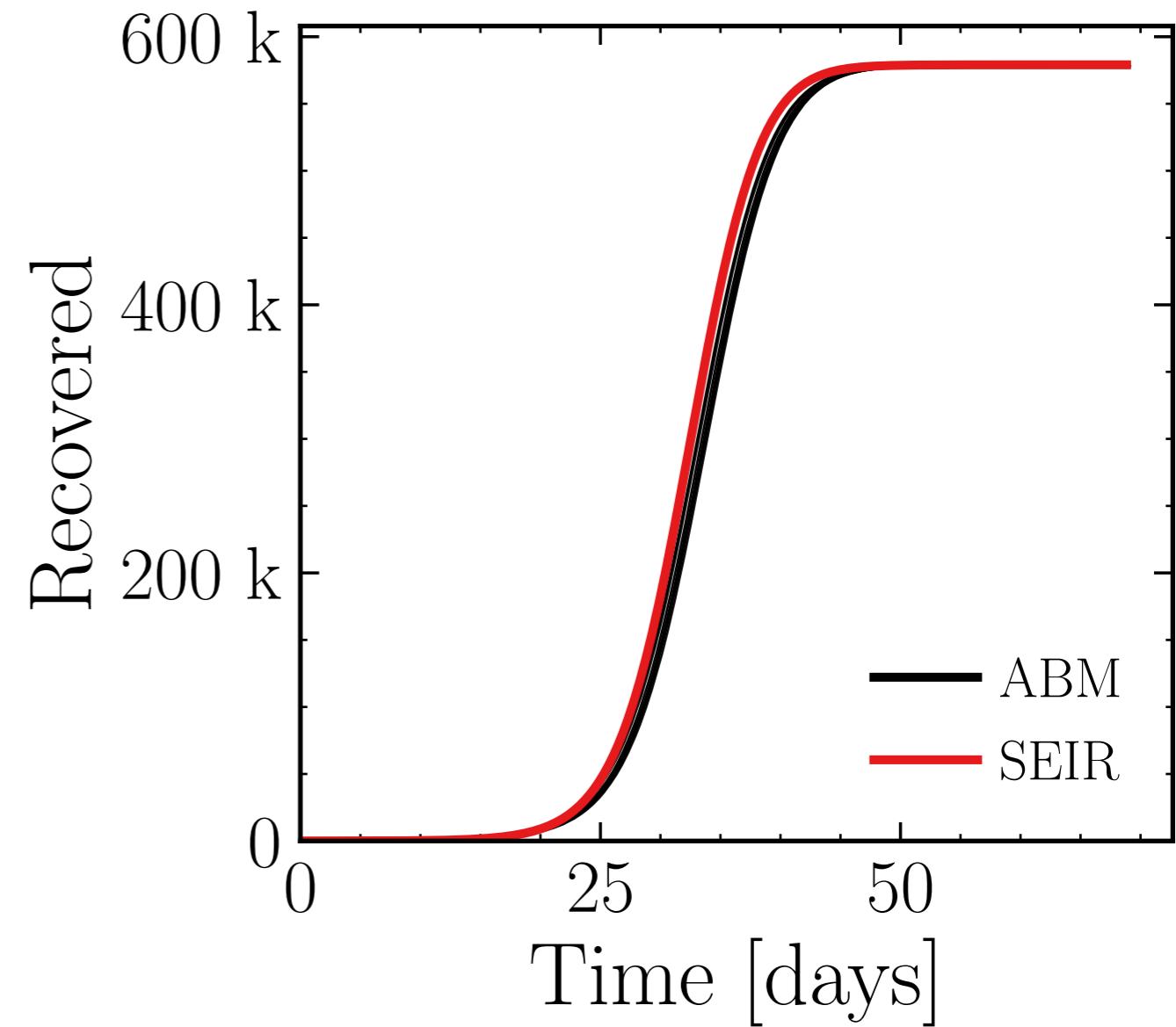
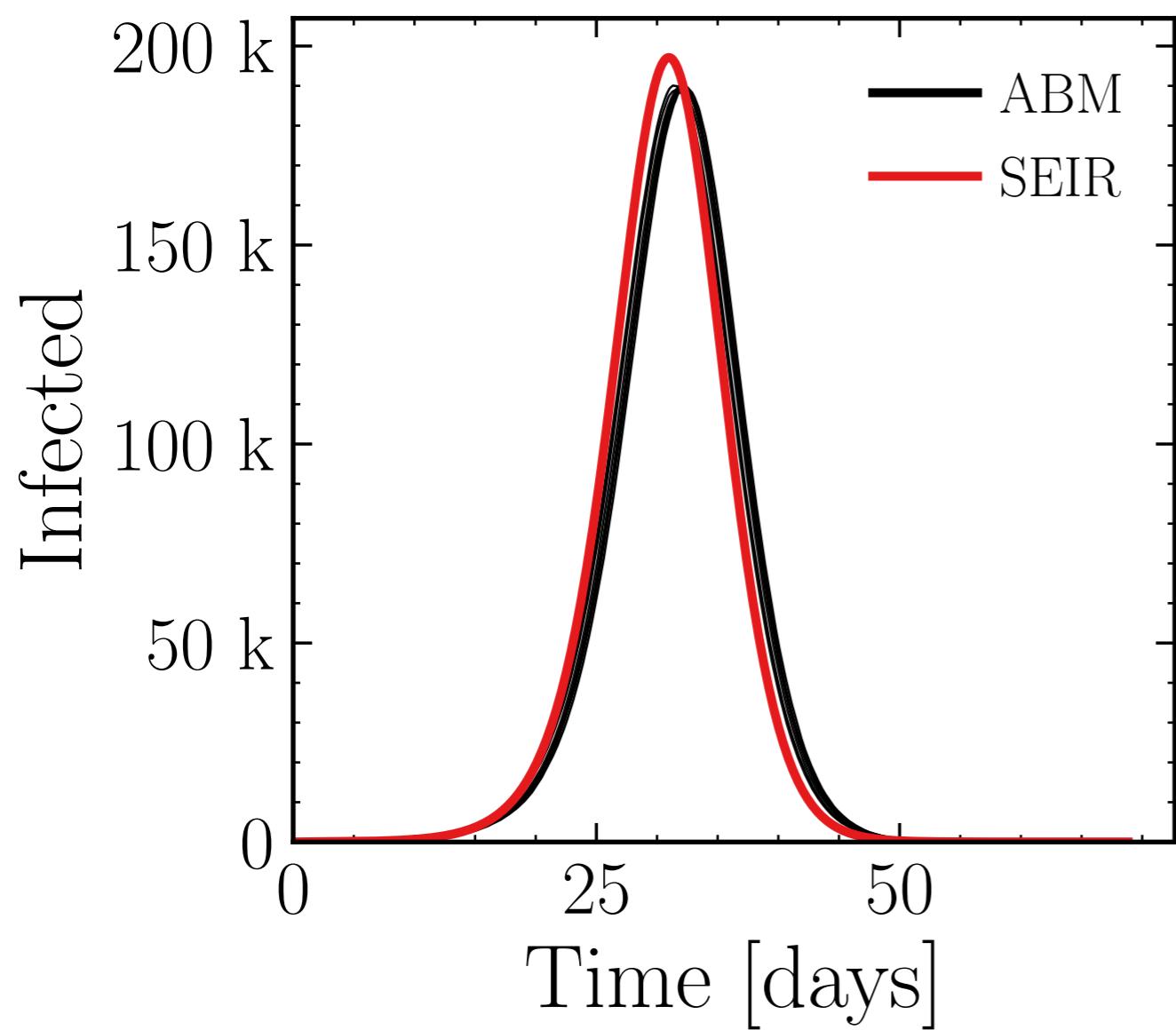
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (189.7 \pm 0.062\%) \cdot 10^3$

v. = 1.0, hash = 8a5eebe427, #10

$R_{\infty}^{\text{ABM}} = (578.22 \pm 0.0032\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

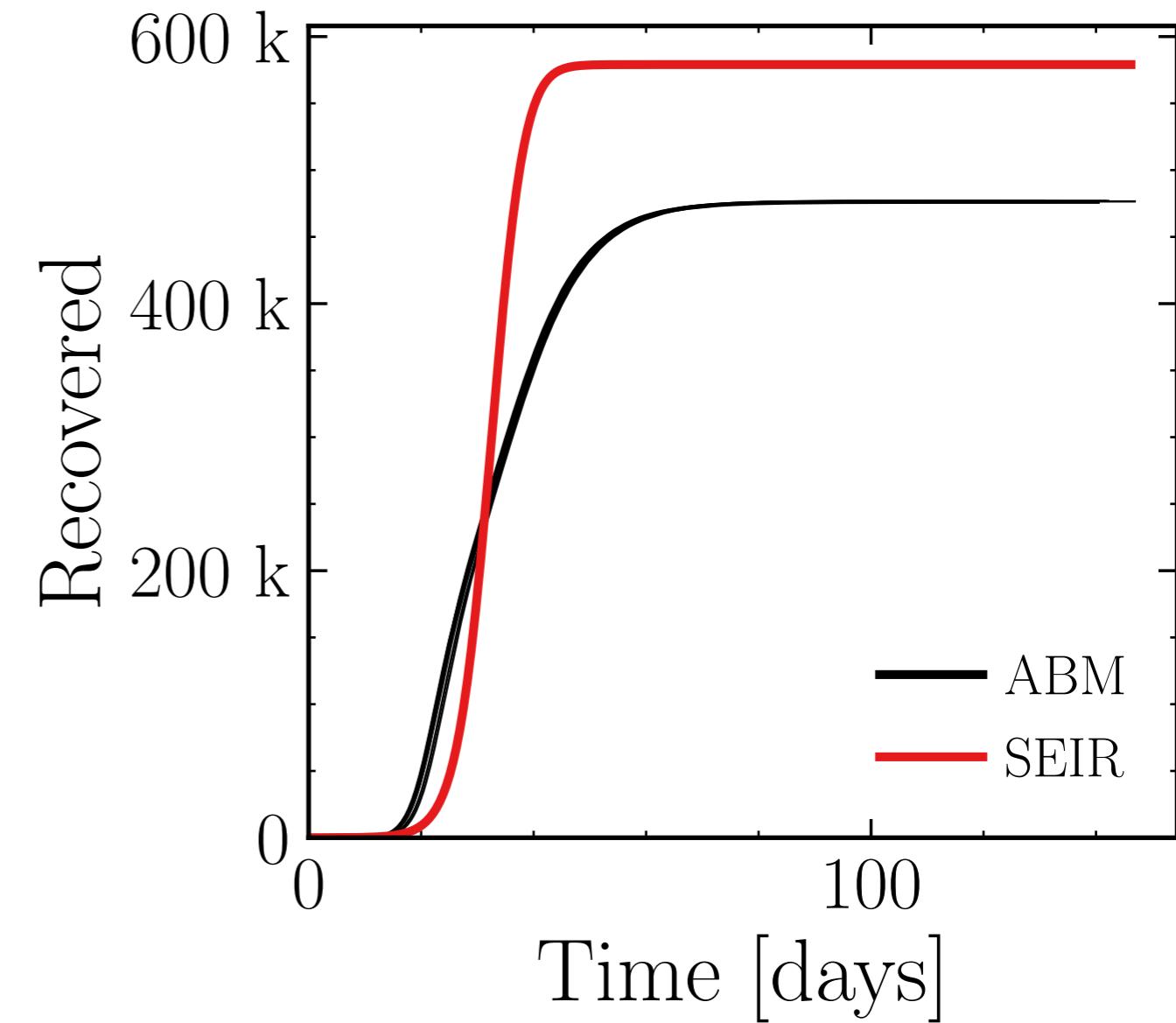
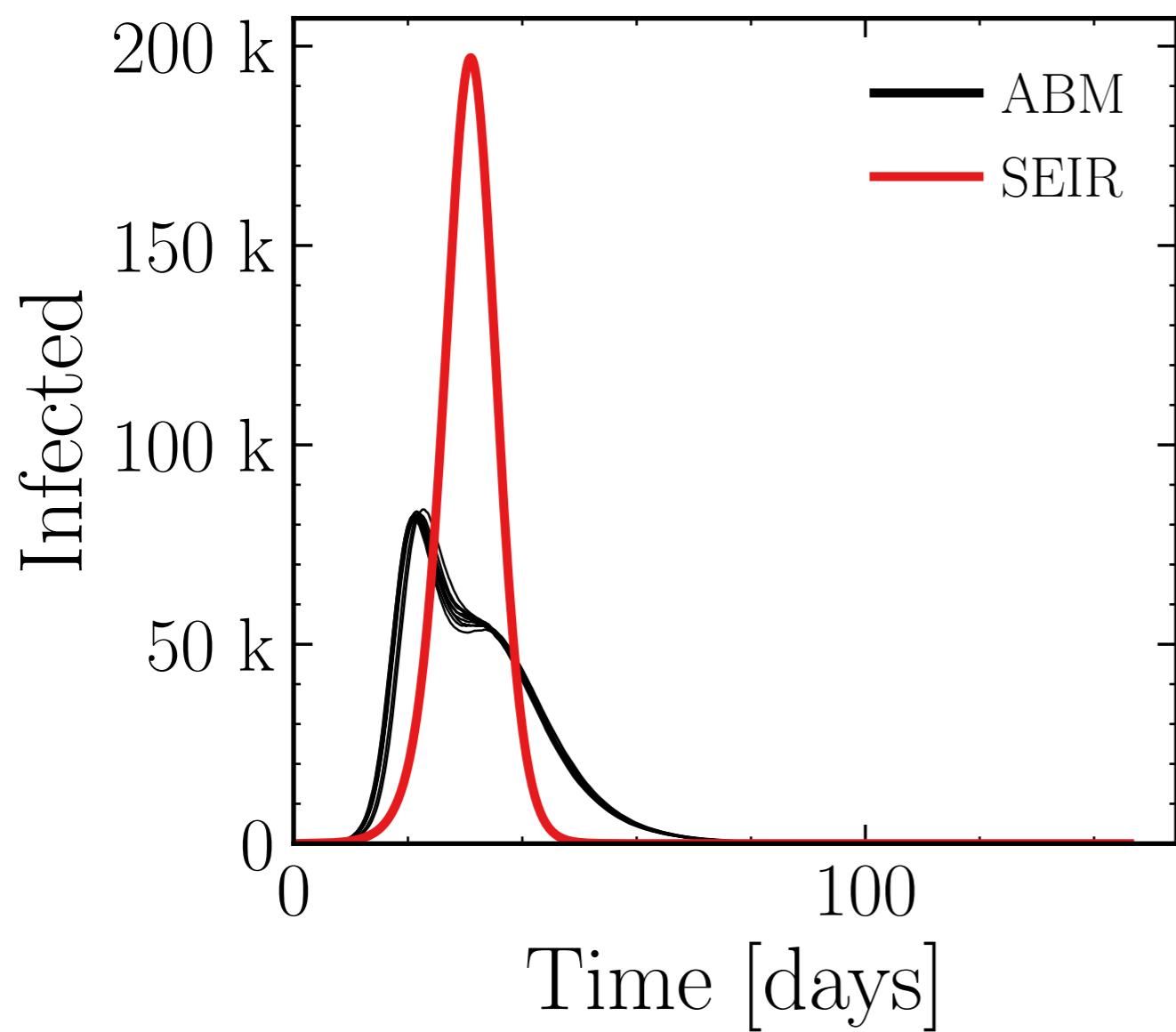
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (82.6 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = f1fcecd099, #10

$R_{\infty}^{\text{ABM}} = (476.5 \pm 0.031\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.05$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

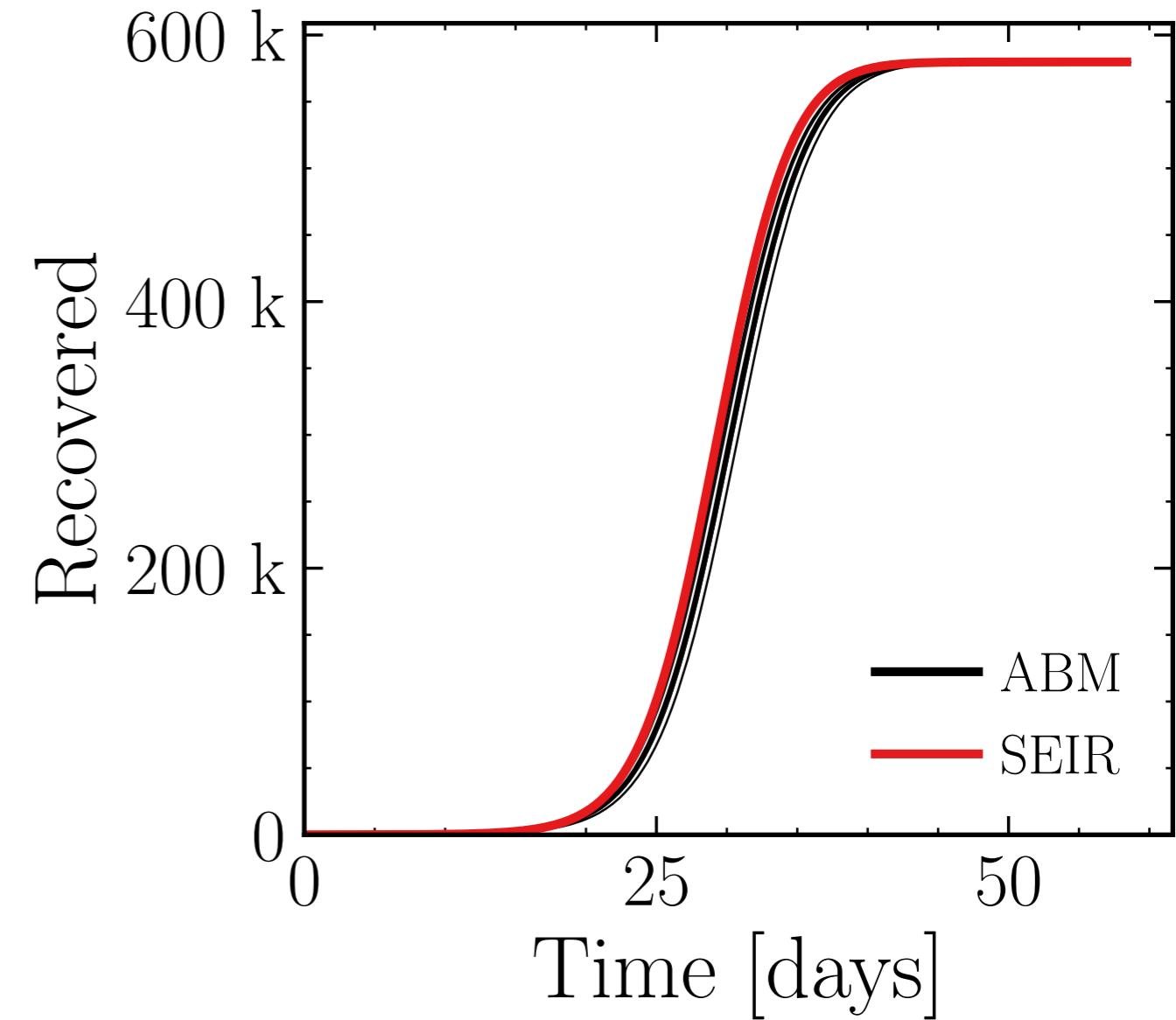
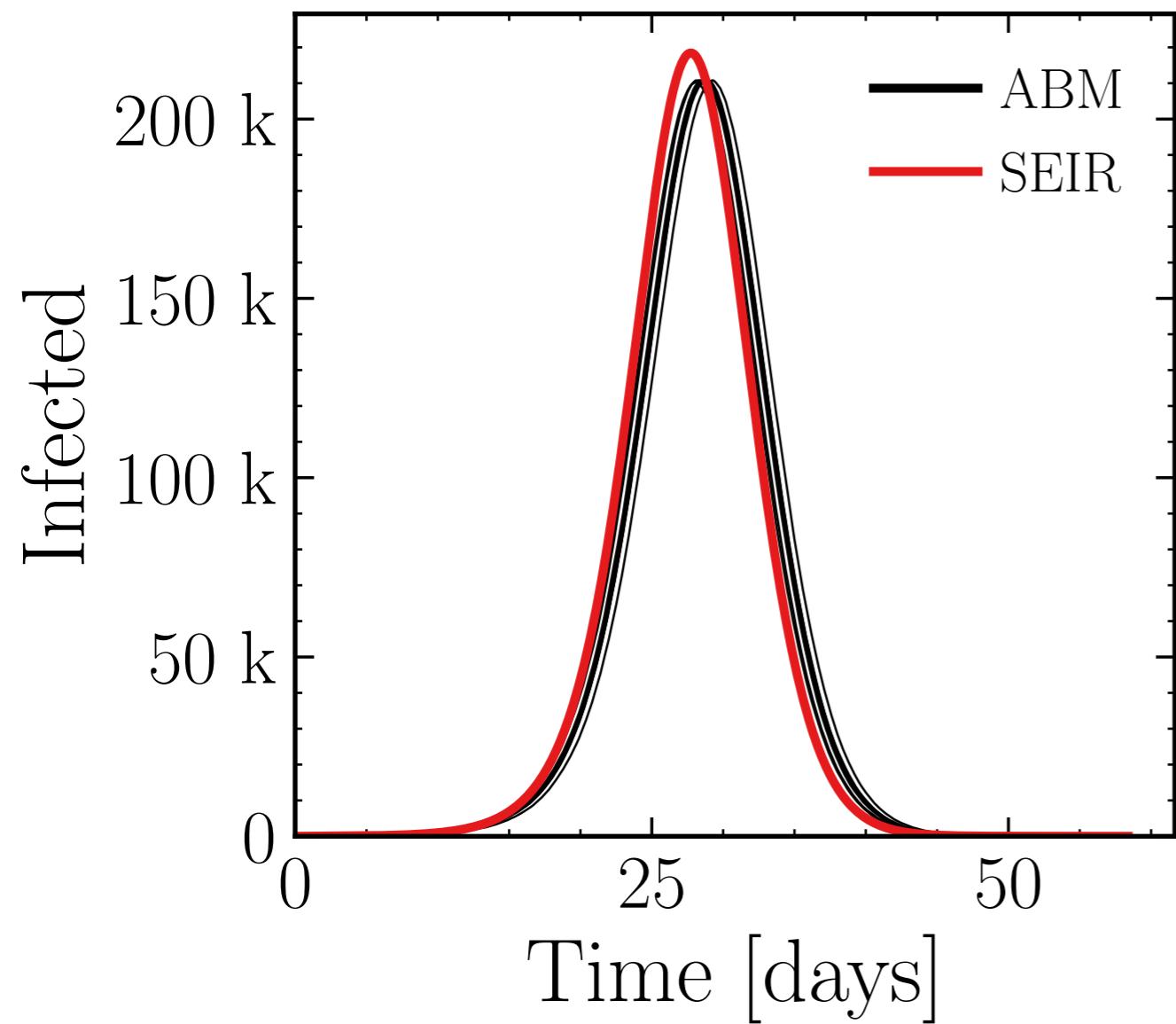
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (210.7 \pm 0.061\%) \cdot 10^3$

v. = 1.0, hash = 5b546fc0b5, #10

$R_{\infty}^{\text{ABM}} = (579.515 \pm 0.00076\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.05$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

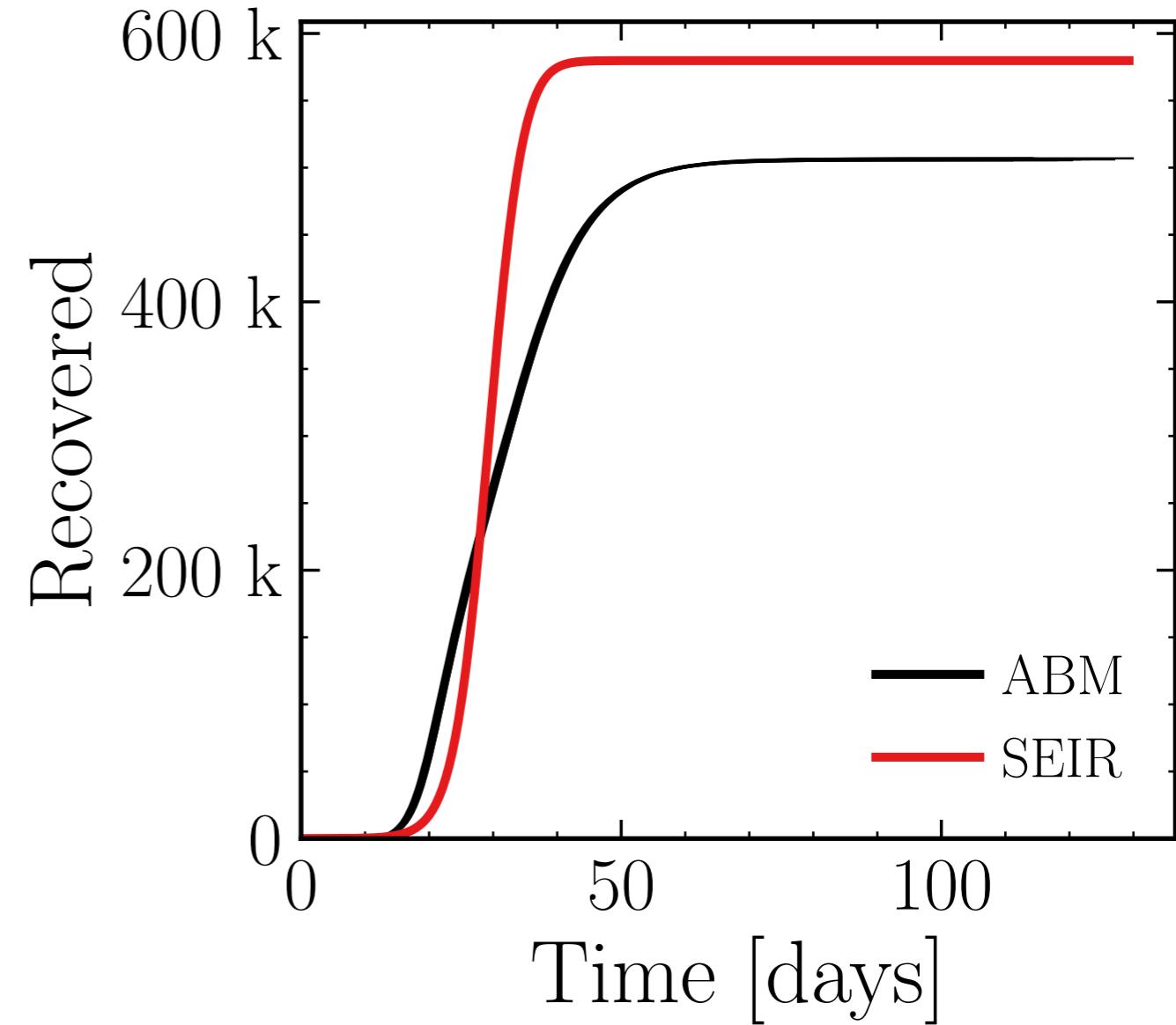
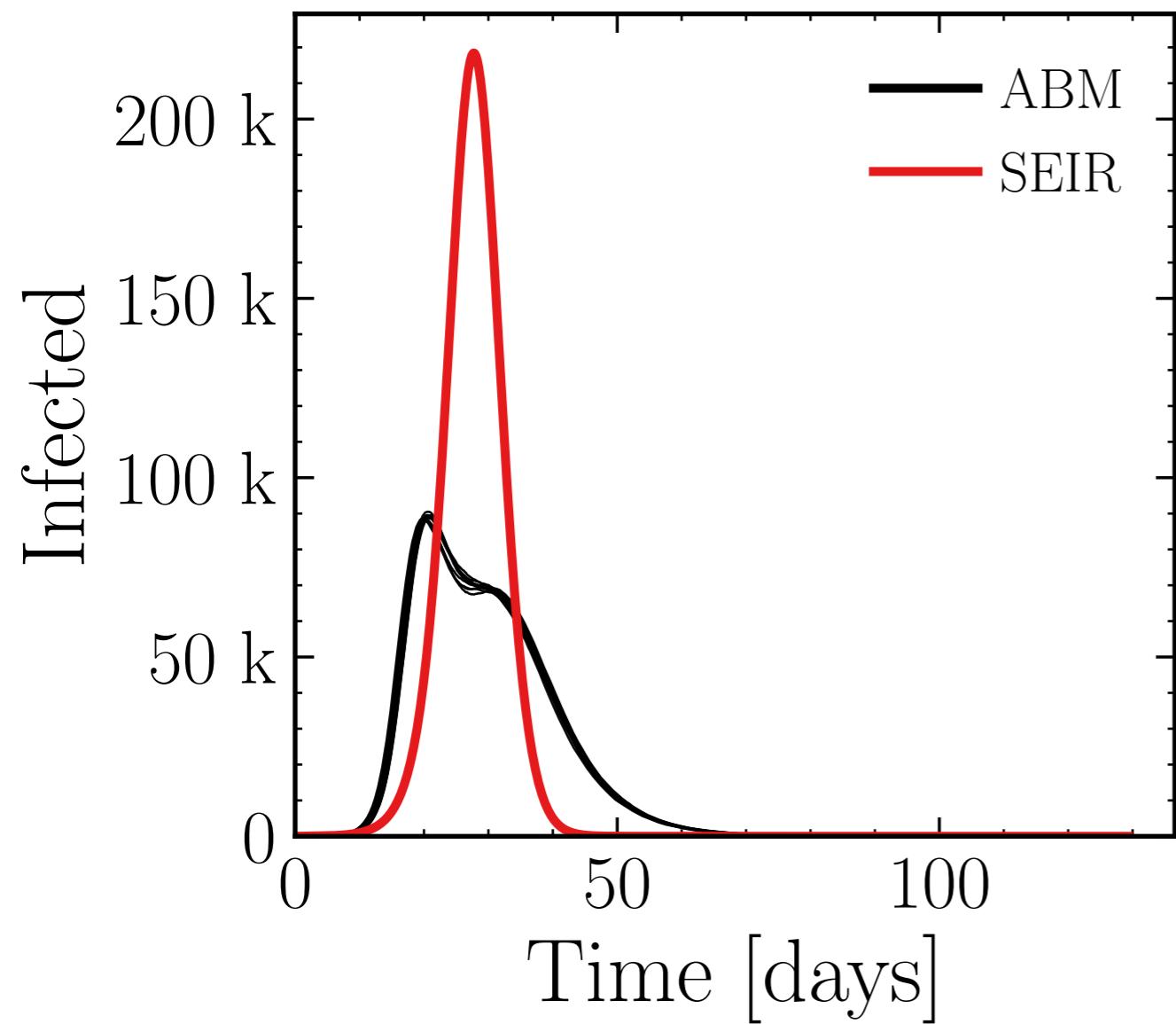
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (89 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = 1bd0a820ae, #10

$R_{\infty}^{\text{ABM}} = (506.2 \pm 0.034\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.01$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

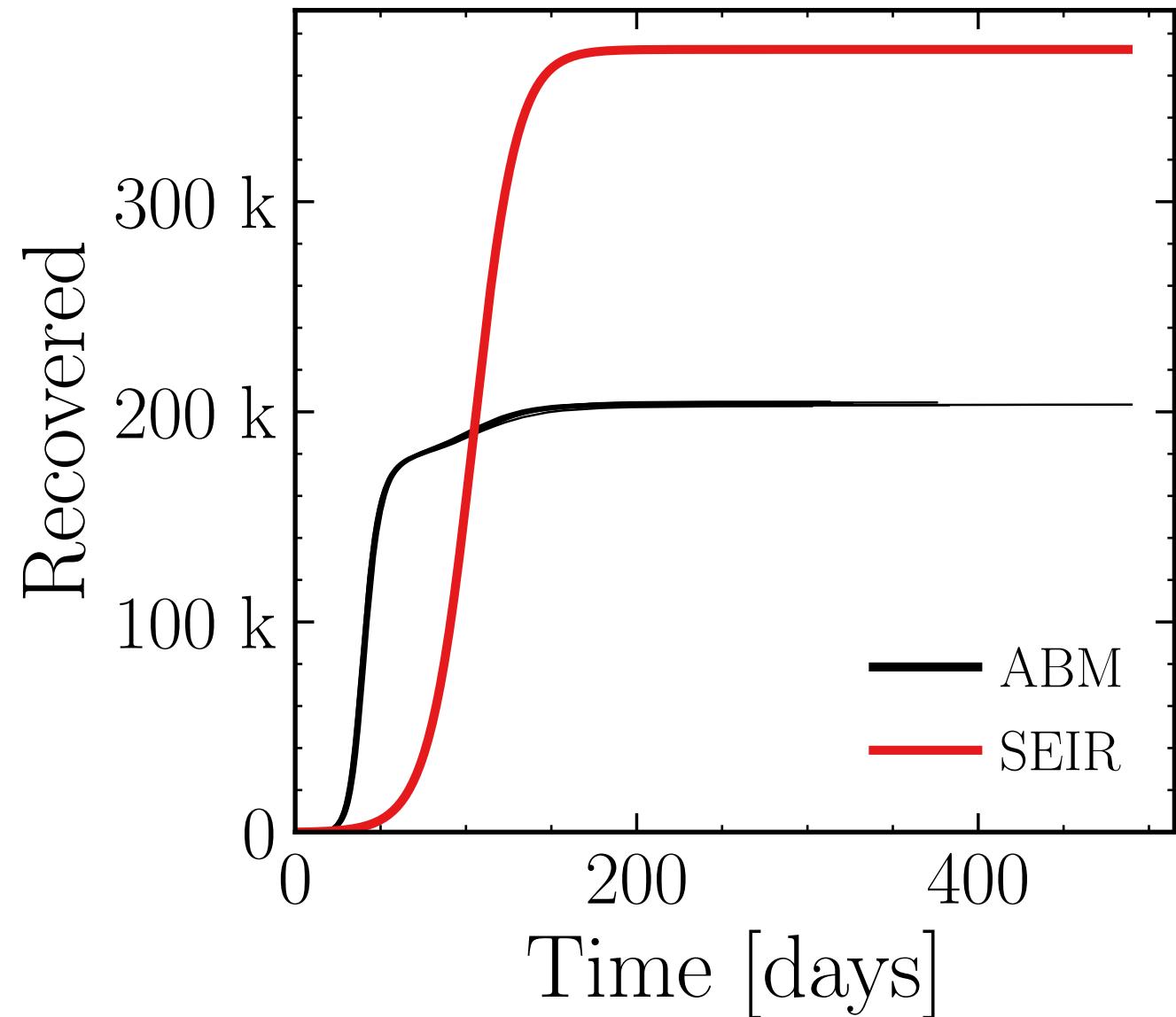
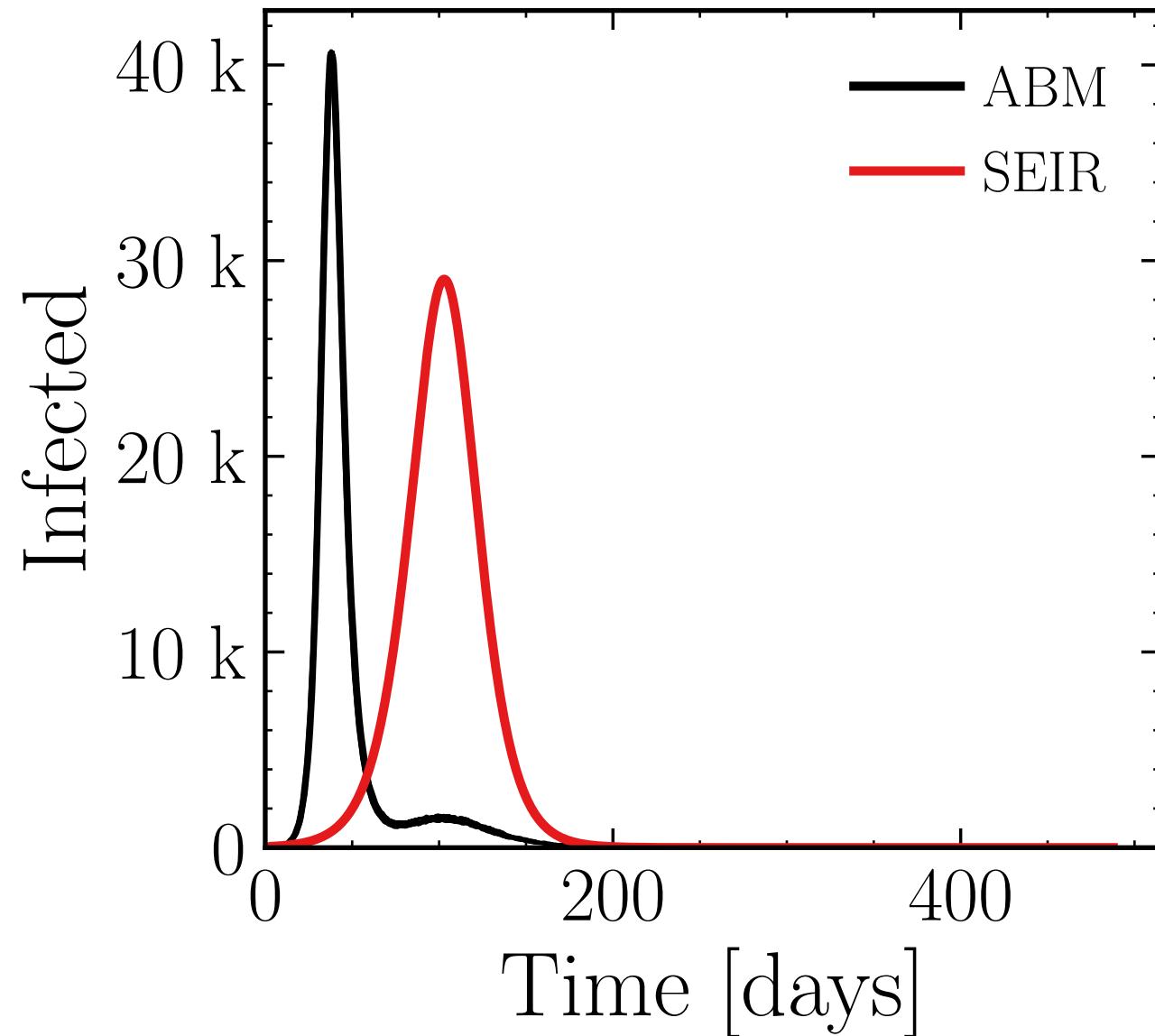
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.54 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 990b48906c, #10

$R_{\infty}^{\text{ABM}} = (203.9 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

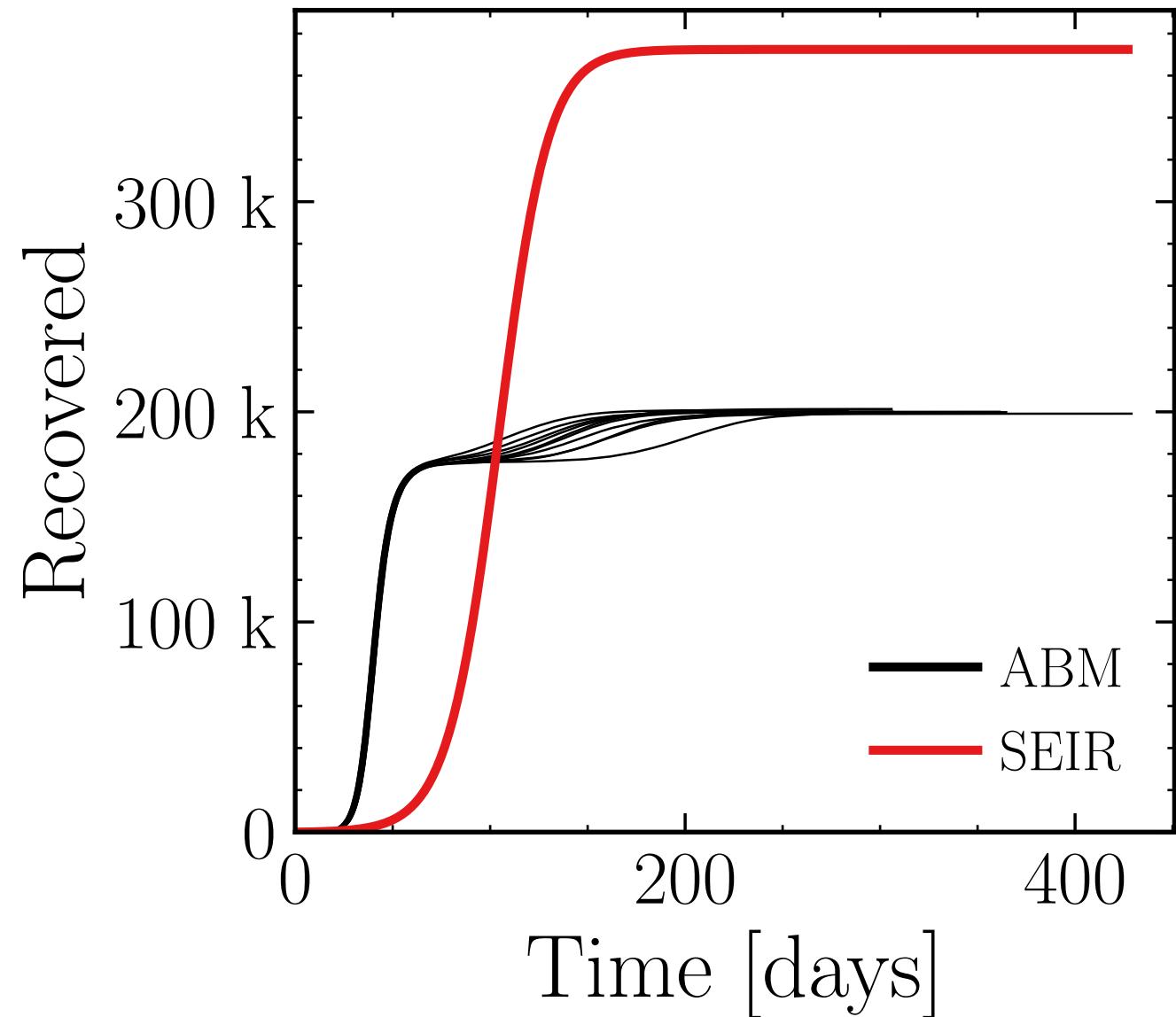
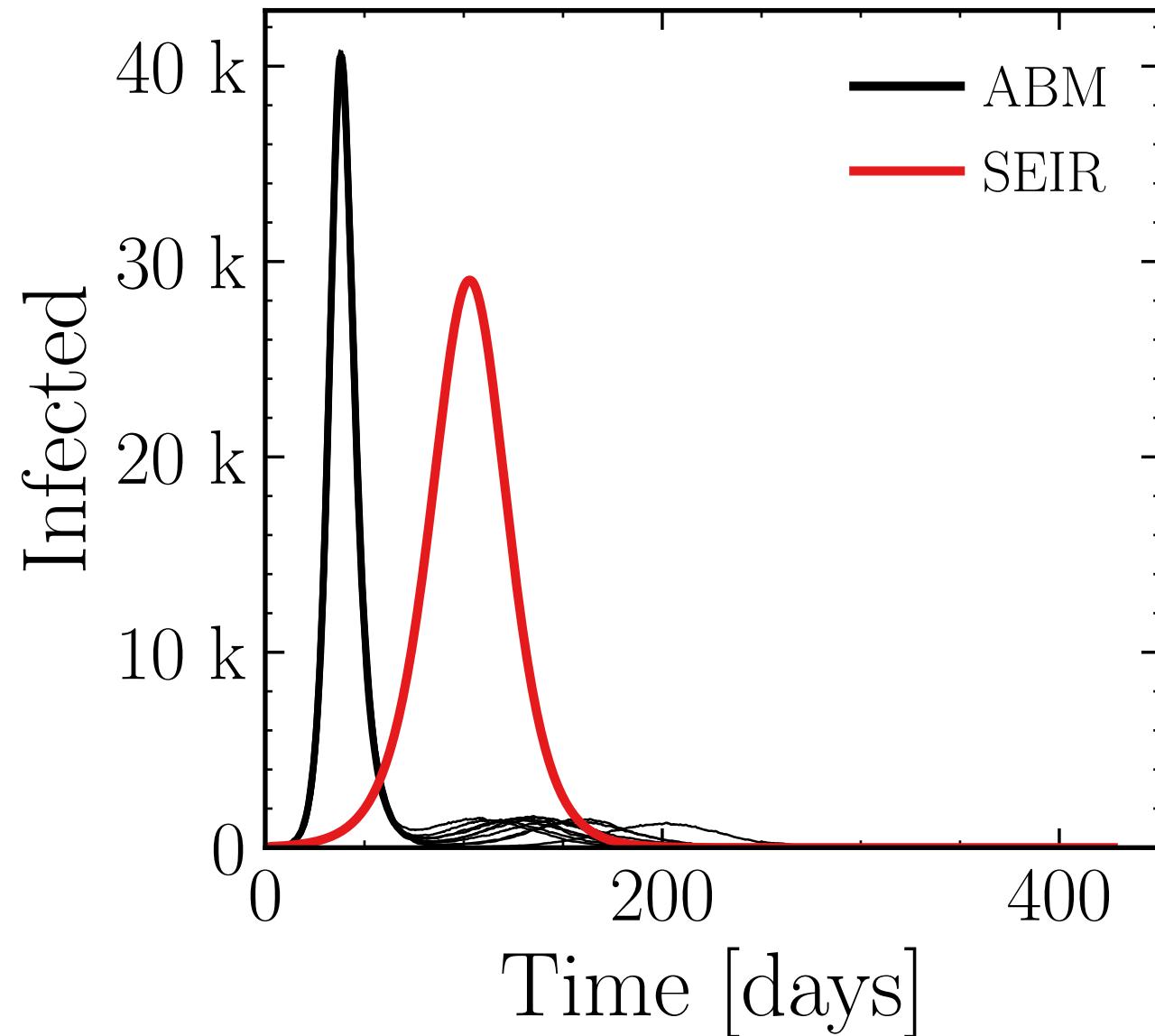
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.49 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 73bcfef3c8, #10

$R_{\infty}^{\text{ABM}} = (200.1 \pm 0.098\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.005$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

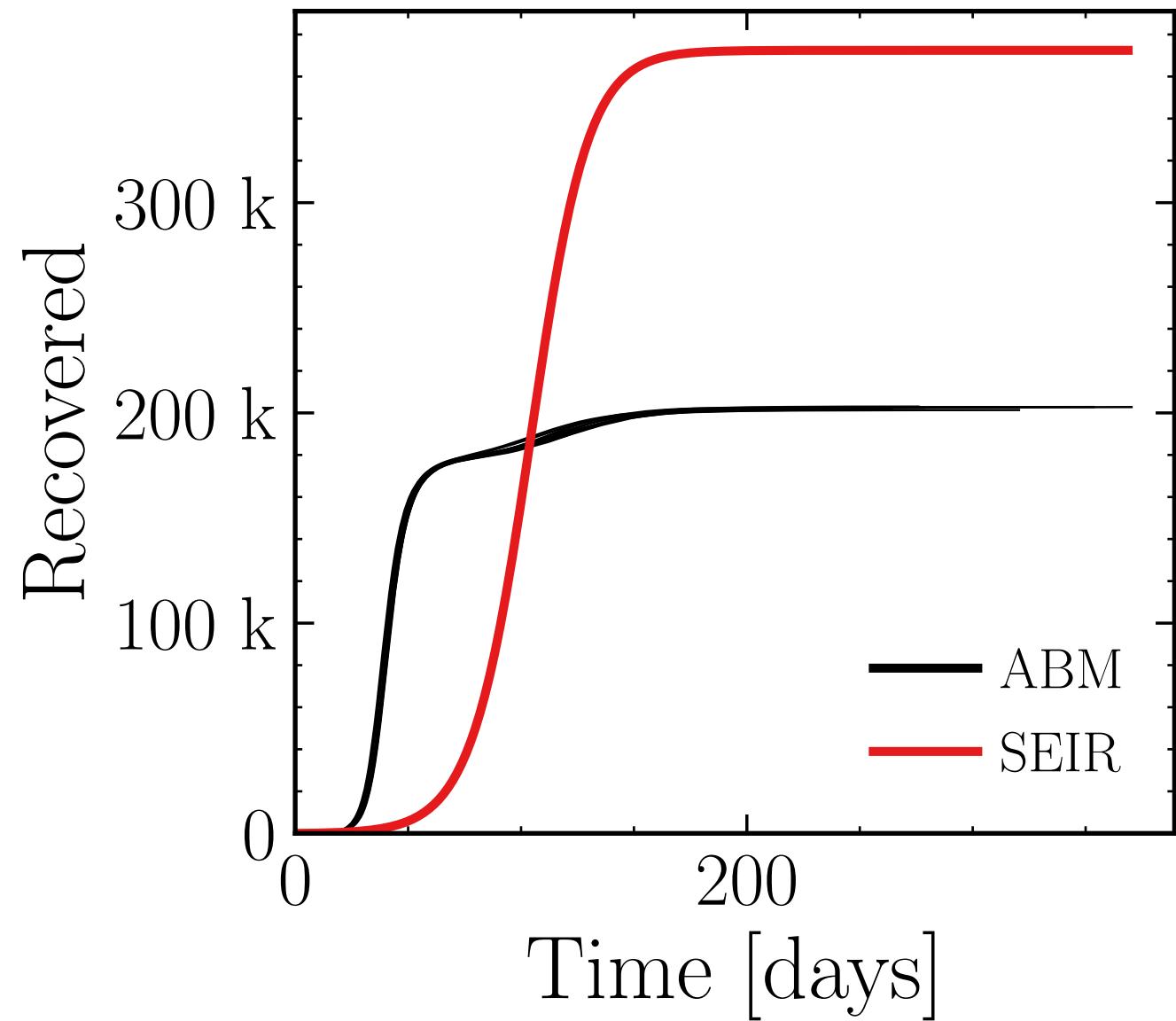
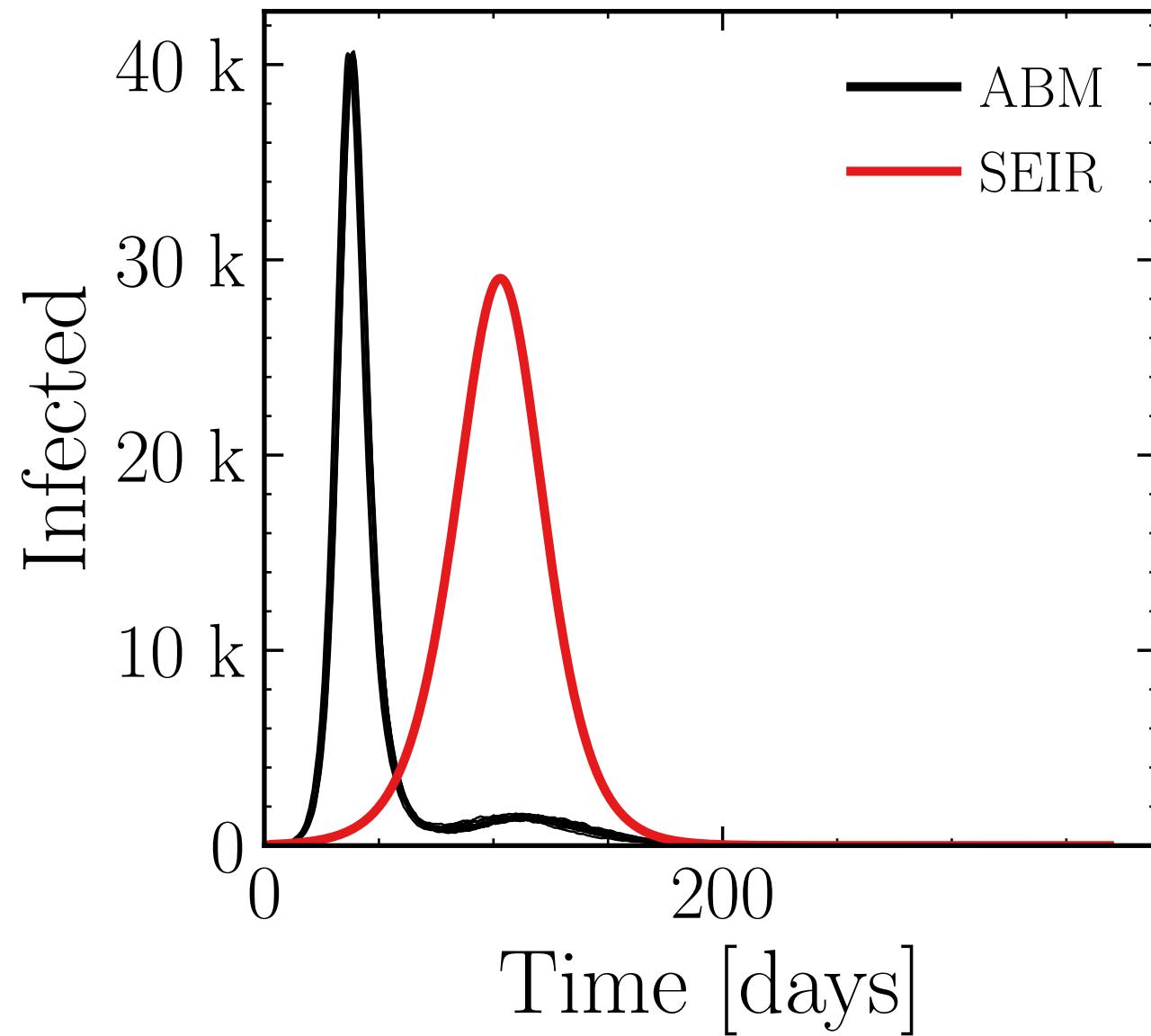
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.51 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = c9061afea0, #10

$R_{\infty}^{\text{ABM}} = (202.2 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

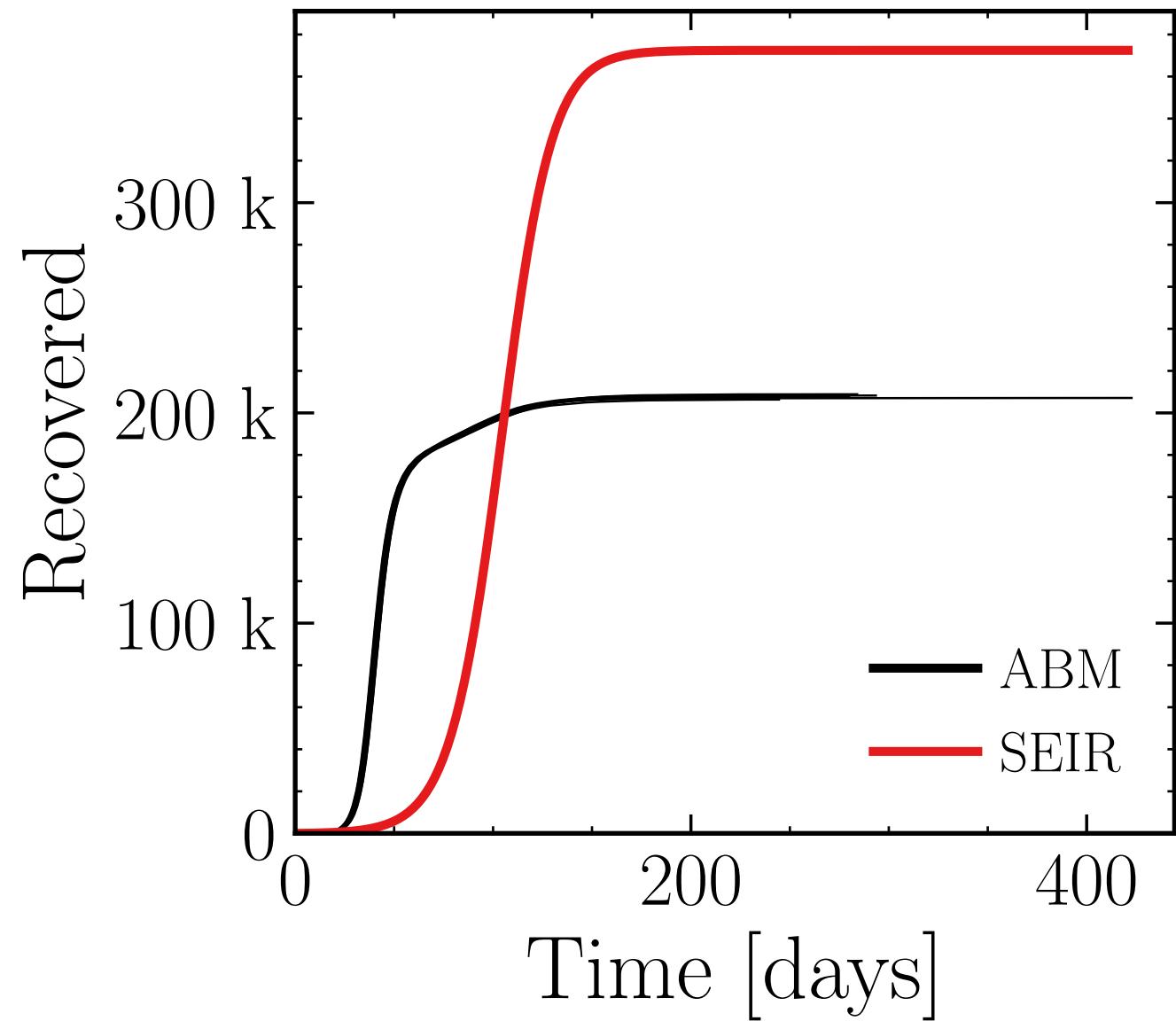
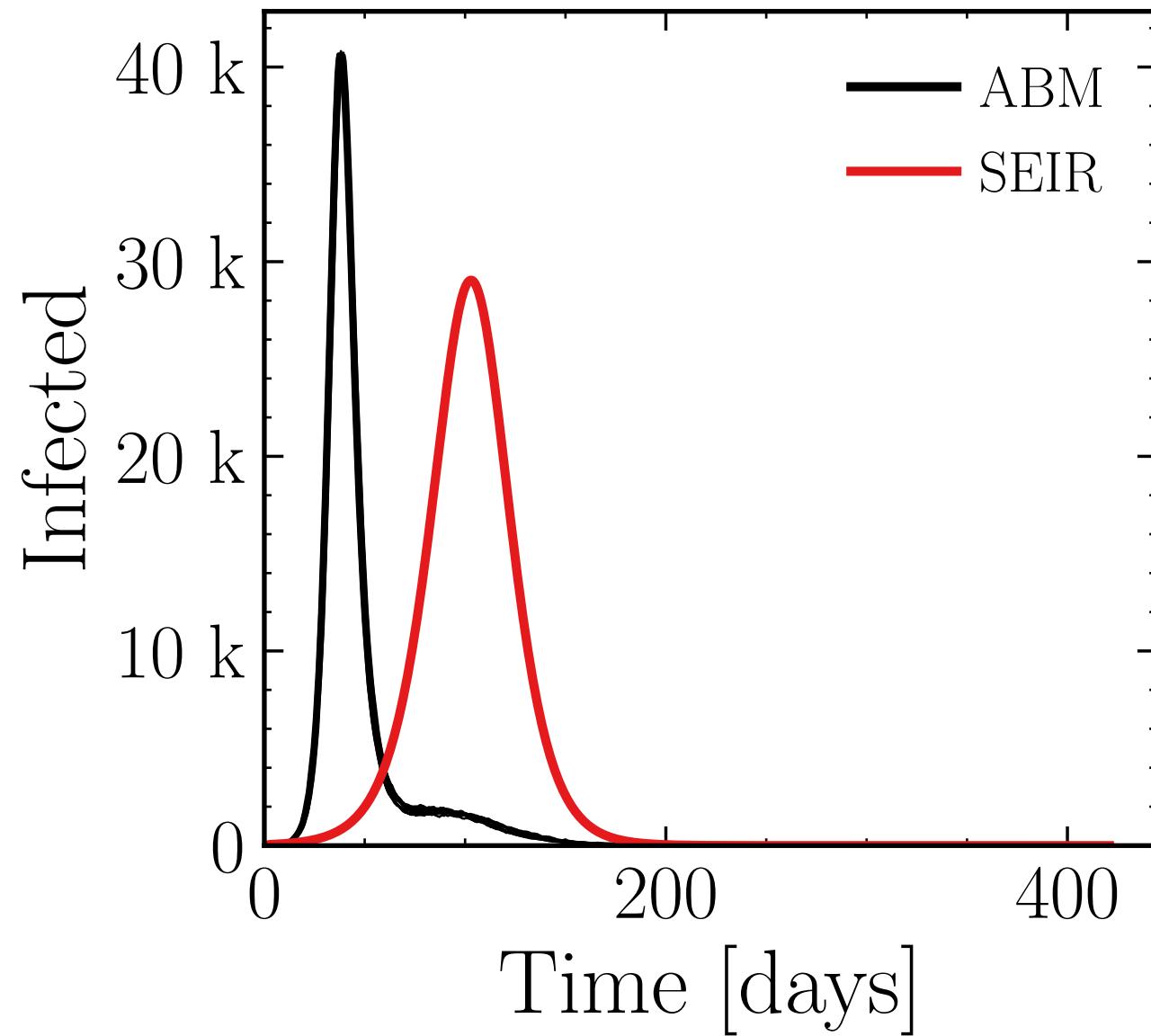
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.57 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 98434dc651, #10

$R_\infty^{\text{ABM}} = (207.9 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

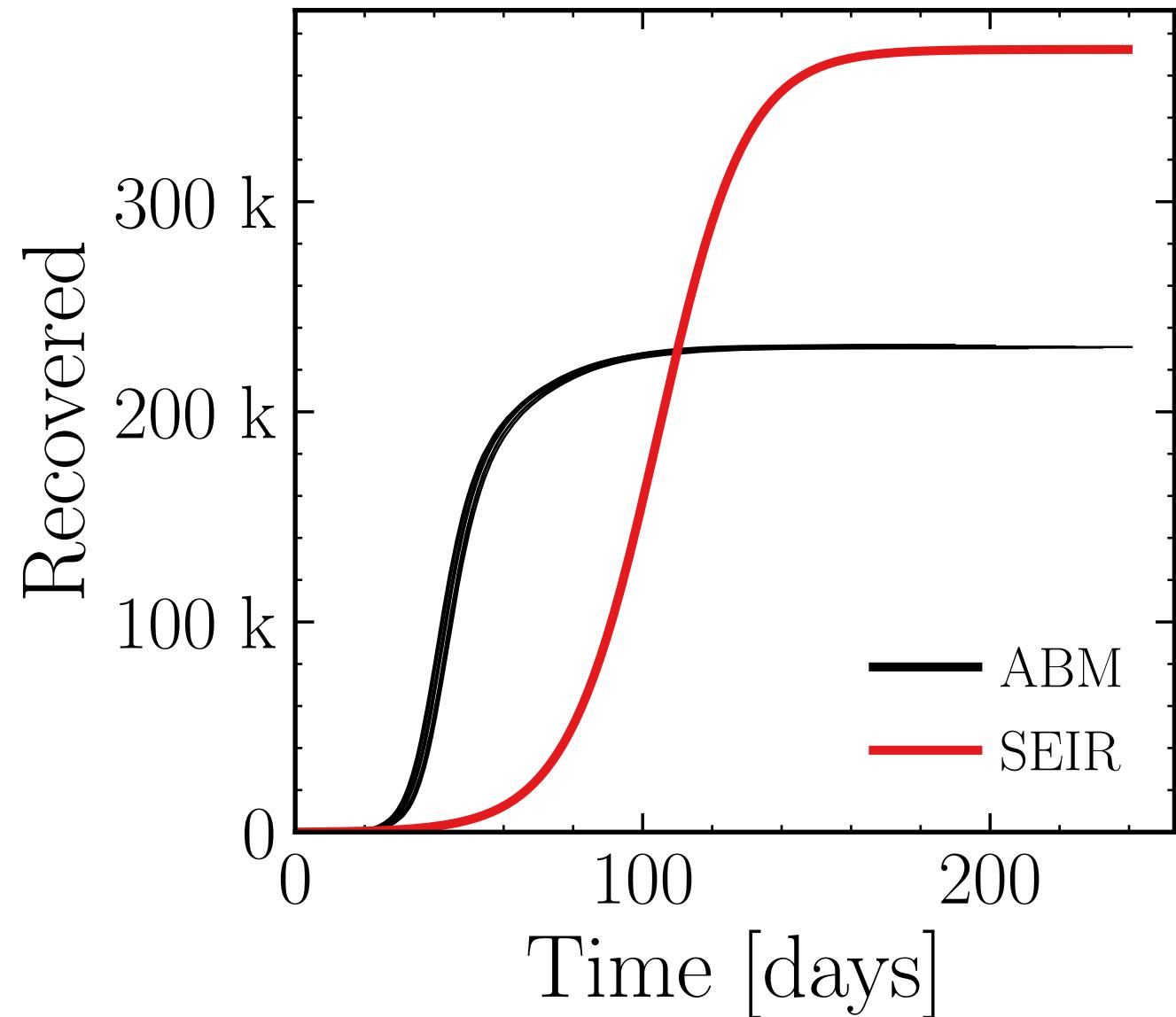
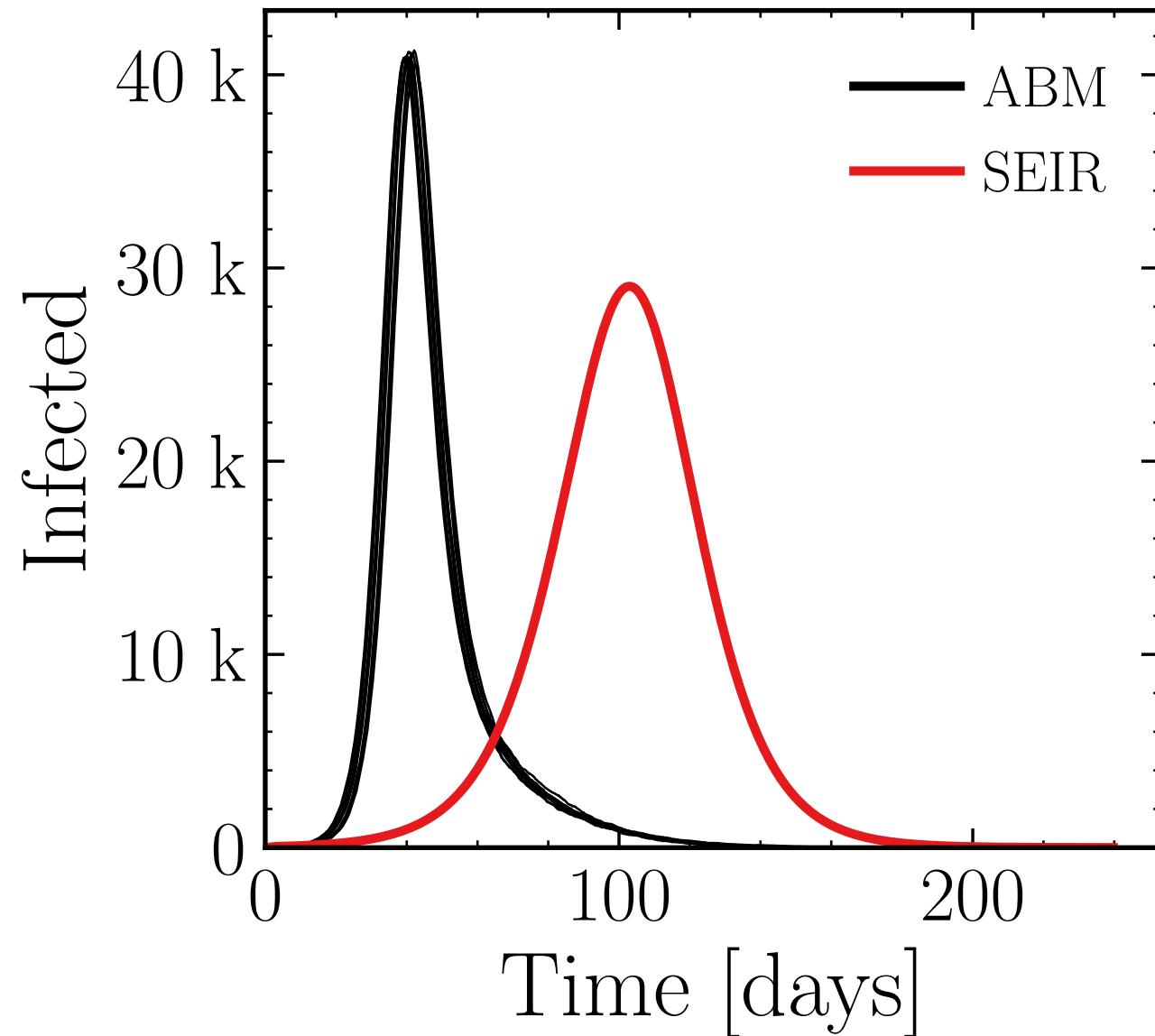
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.93 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 63c470cbd6, #10

$R_{\infty}^{\text{ABM}} = (231 \pm 0.066\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.05$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

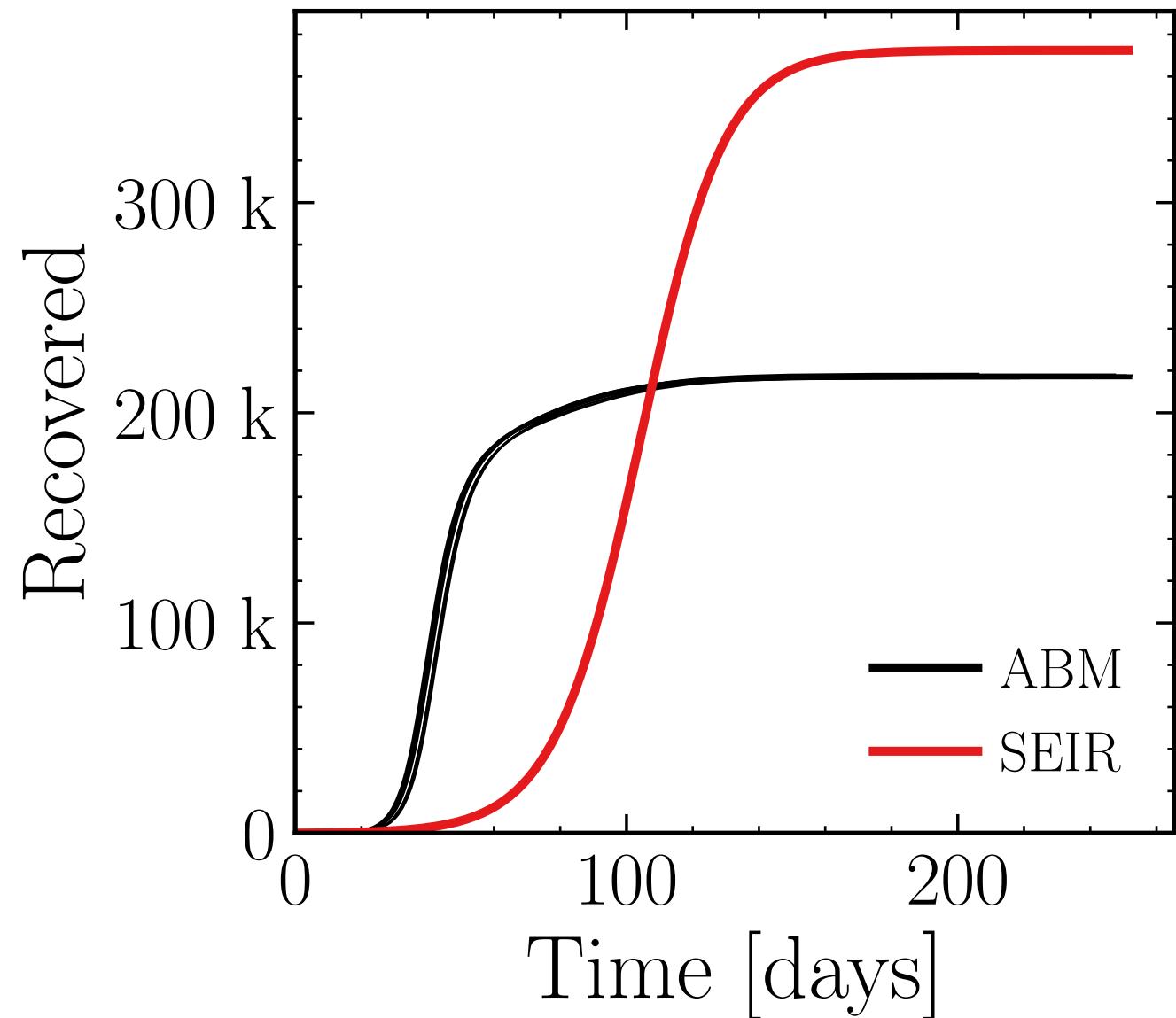
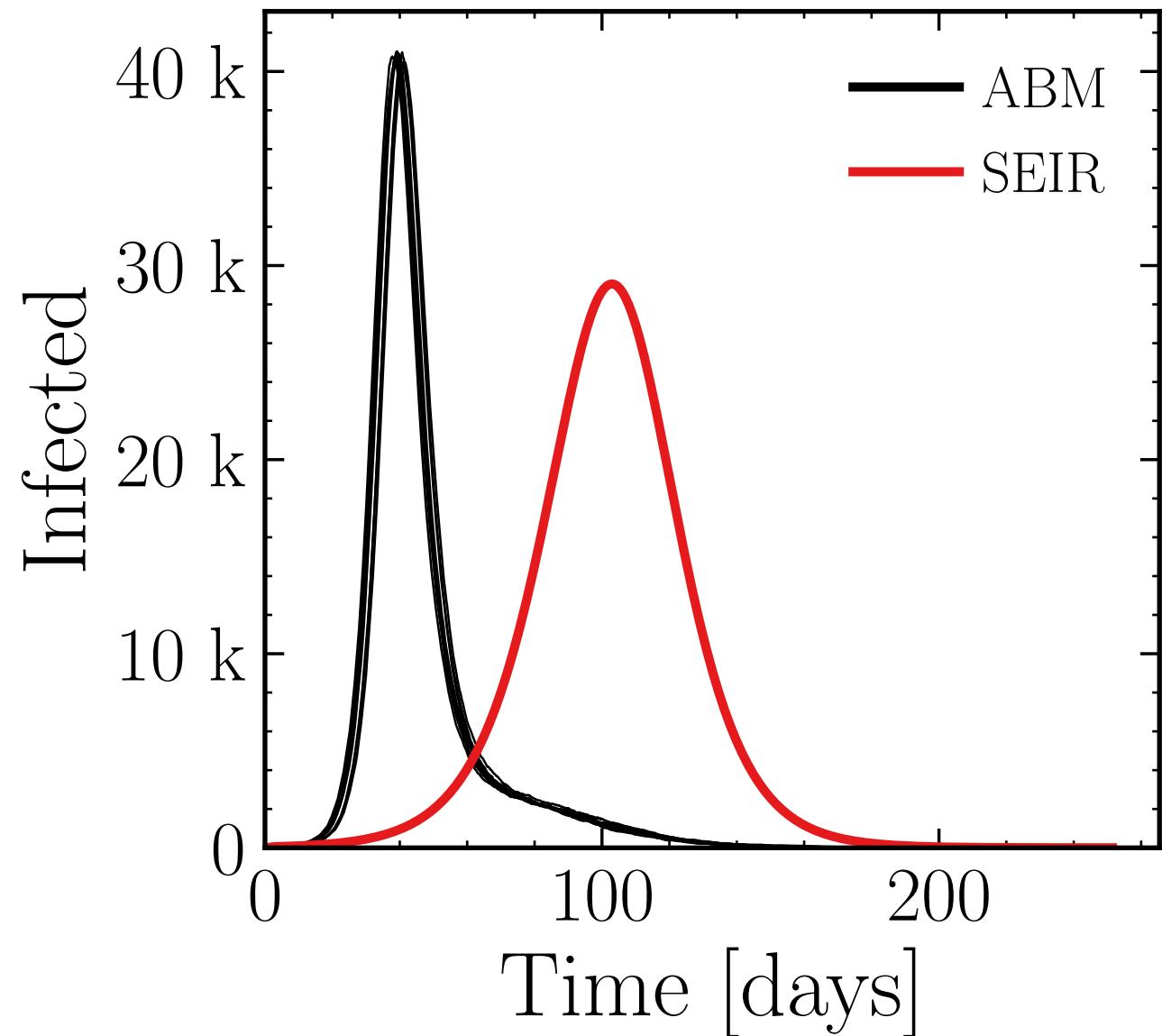
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.75 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 39e2231c83, #10

$R_{\infty}^{\text{ABM}} = (217.3 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.4$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

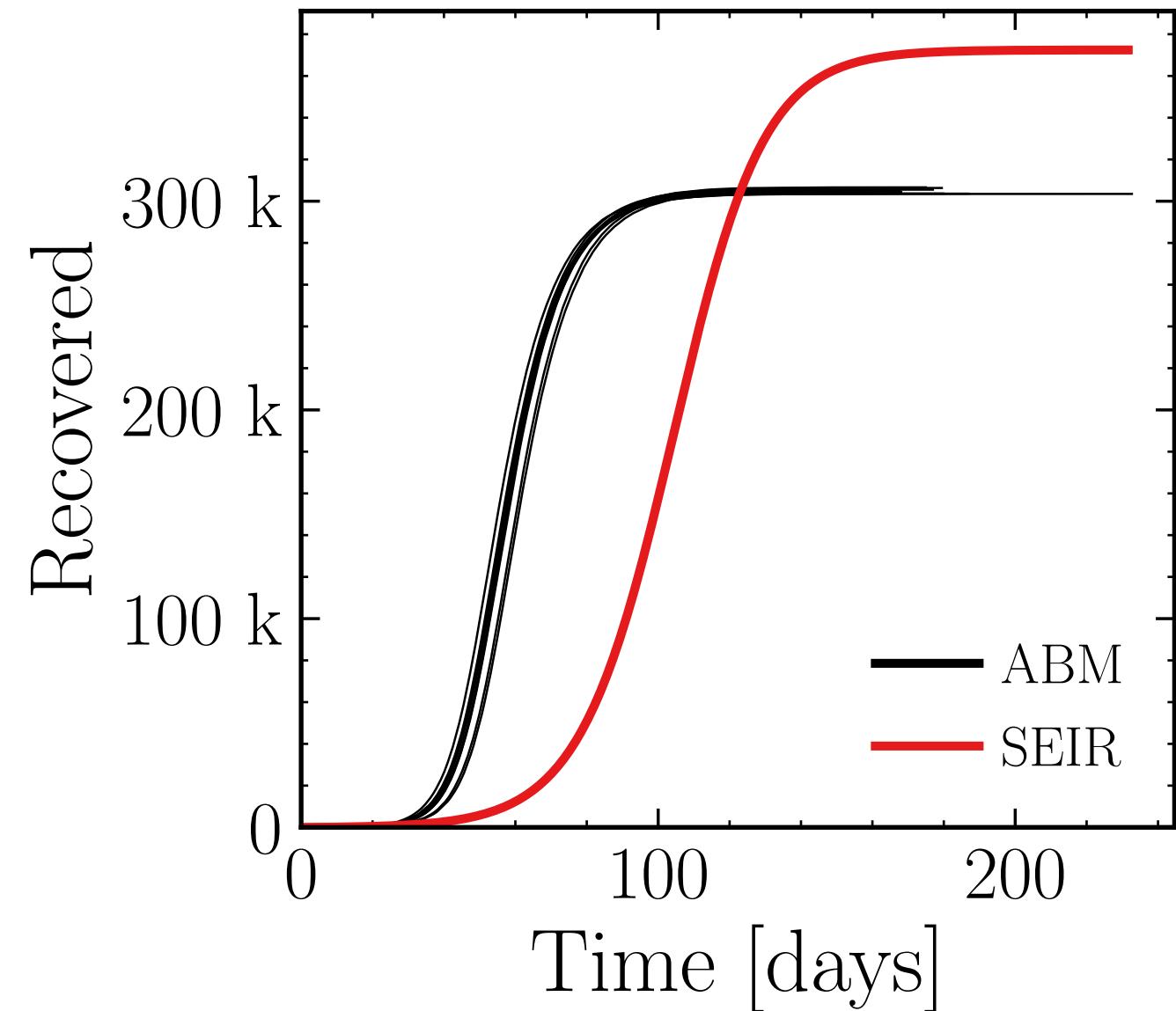
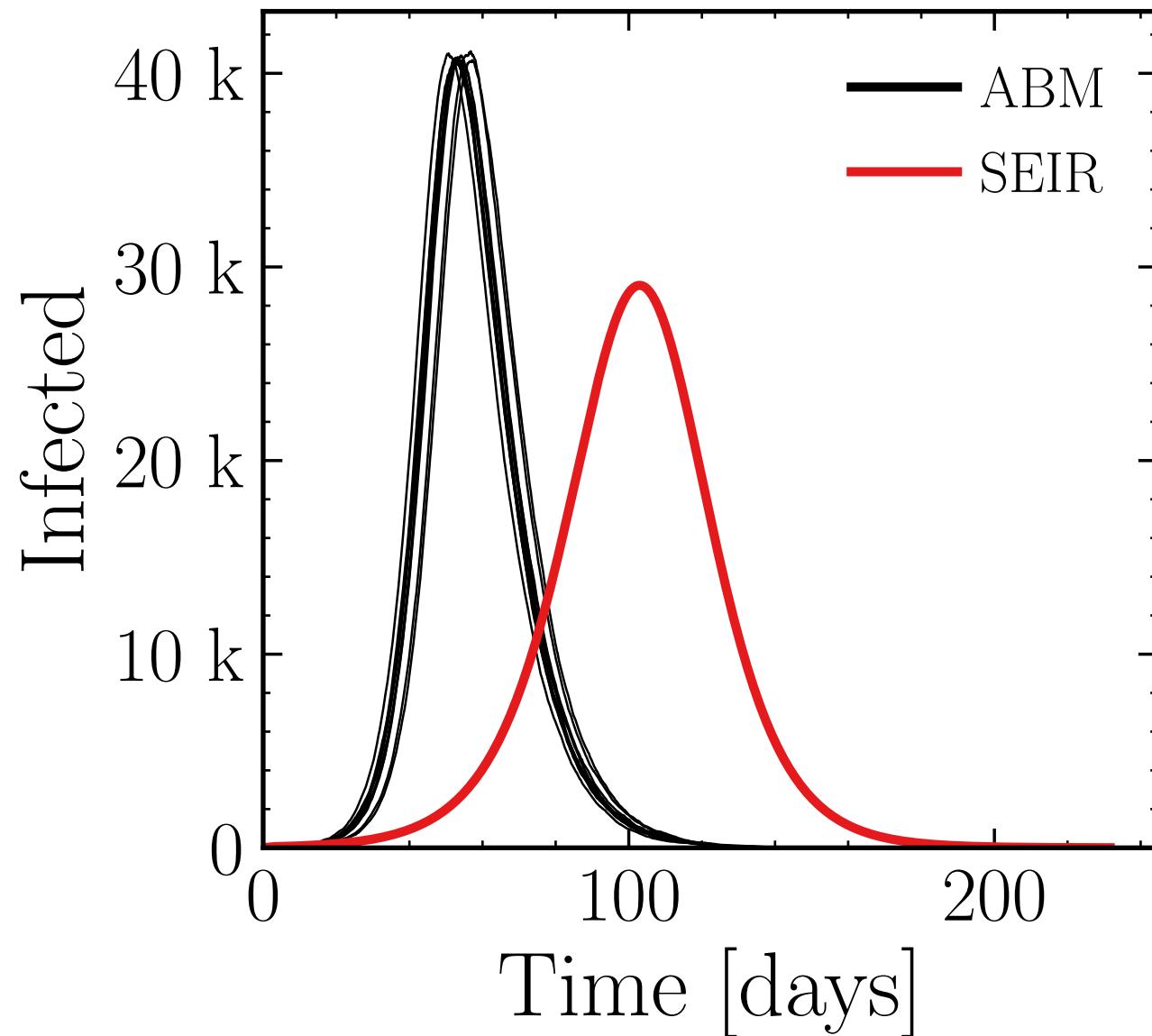
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.81 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 5c1bf17b3d, #10

$R_\infty^{\text{ABM}} = (304.8 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.3$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

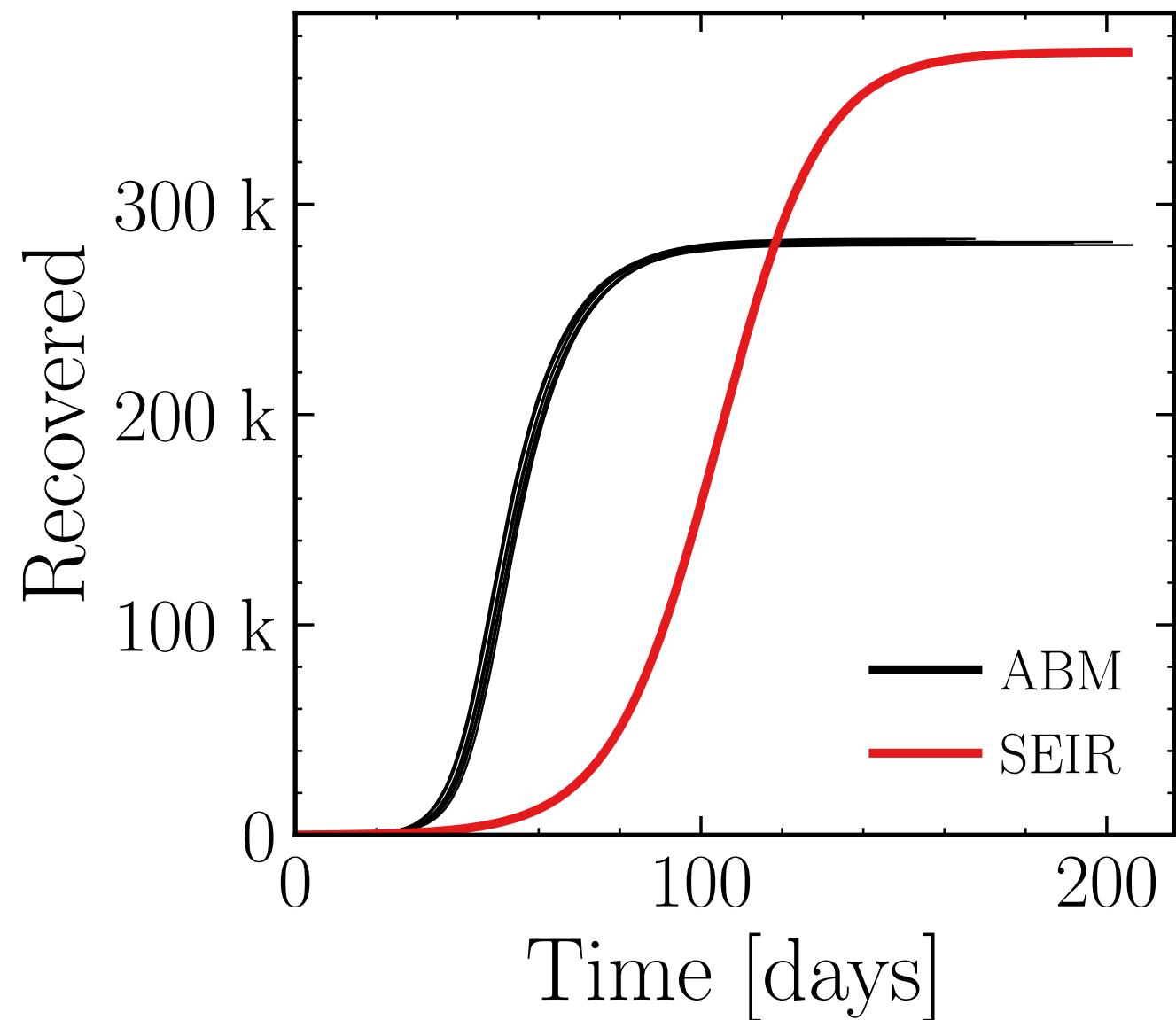
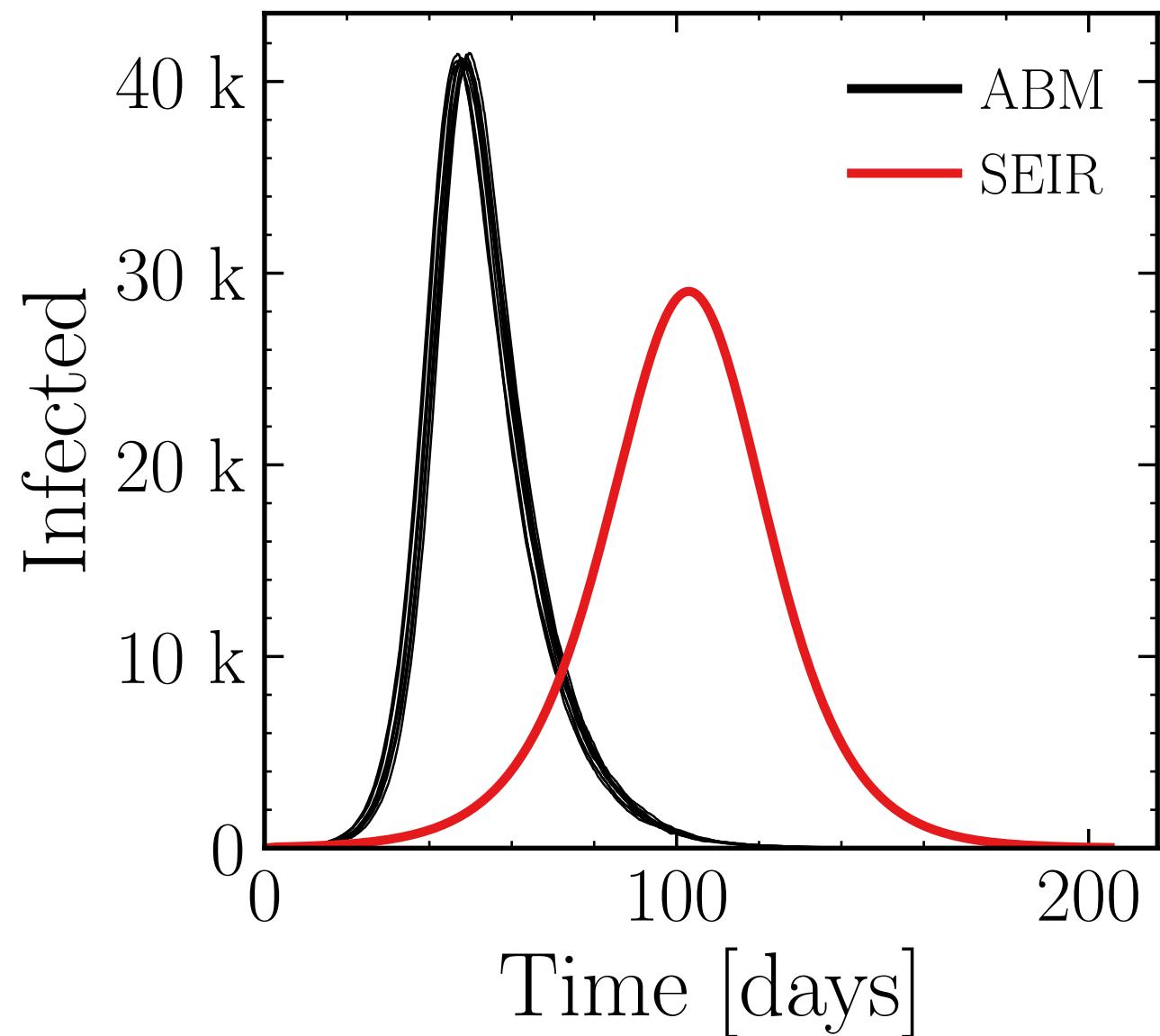
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (41.18 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = acbeb02fa5, #10

$R_{\infty}^{\text{ABM}} = (281.9 \pm 0.089\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.2$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

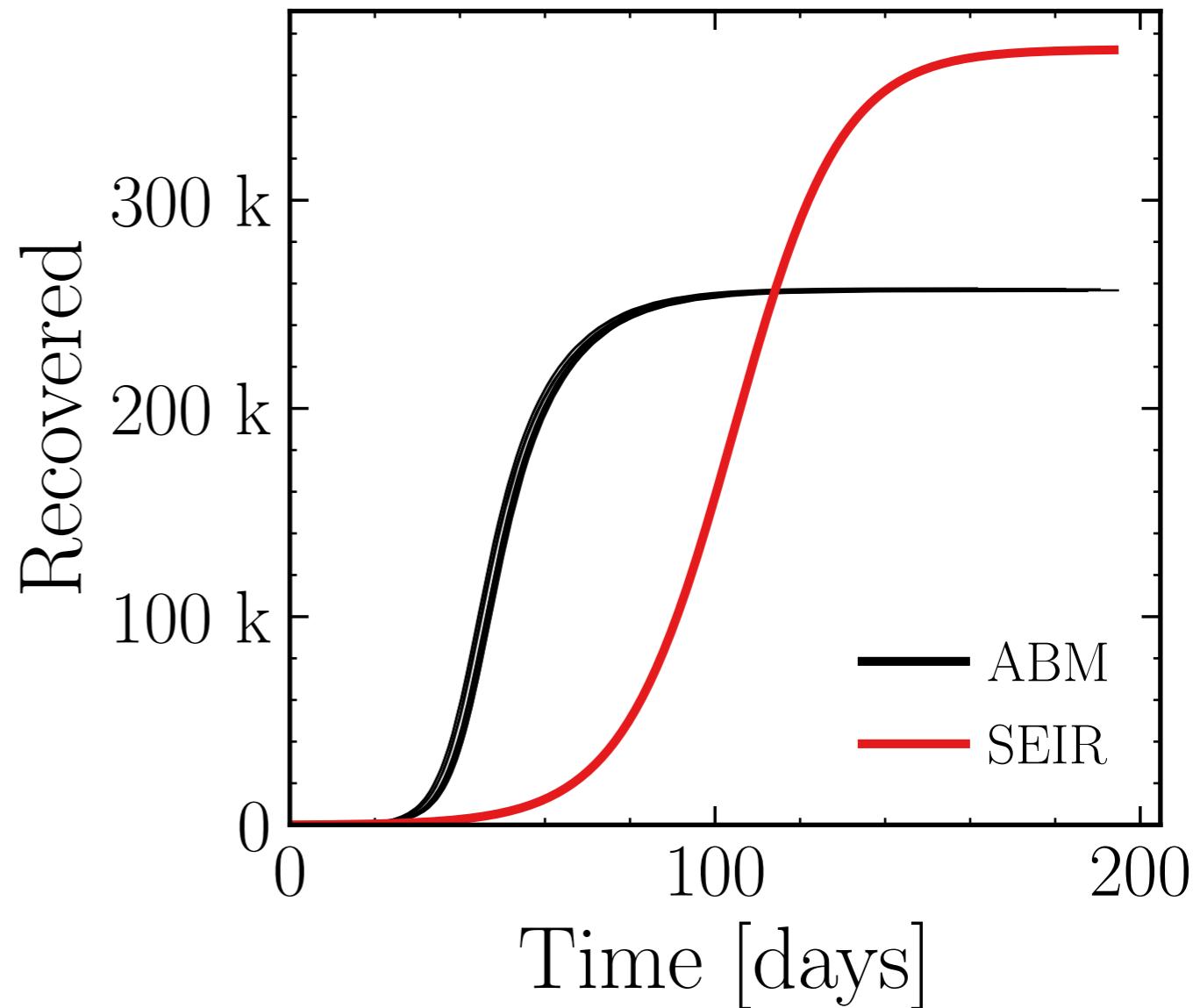
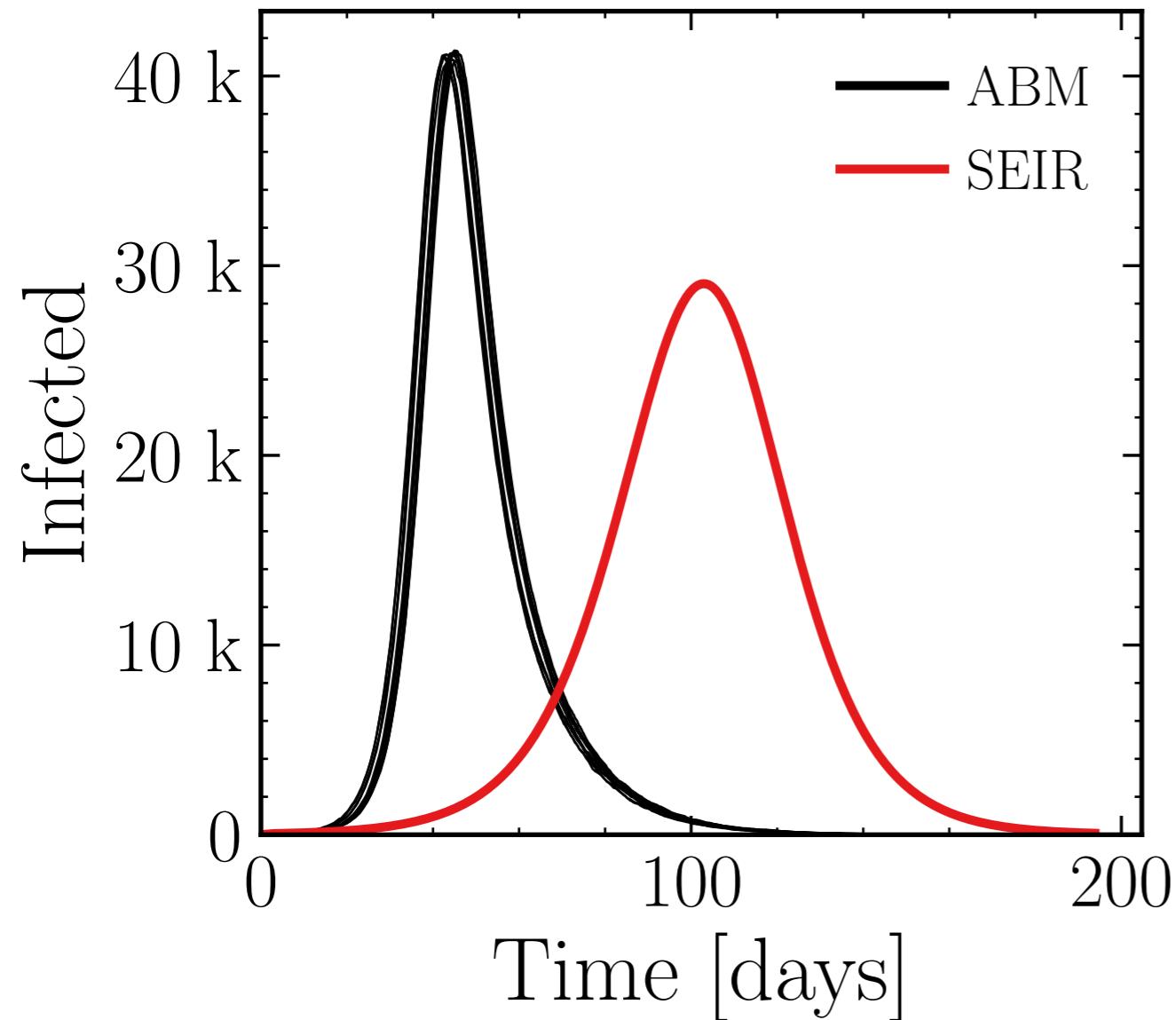
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (41.1 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 5f0f46cf8d, #10

$R_\infty^{\text{ABM}} = (257.1 \pm 0.05\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.7$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

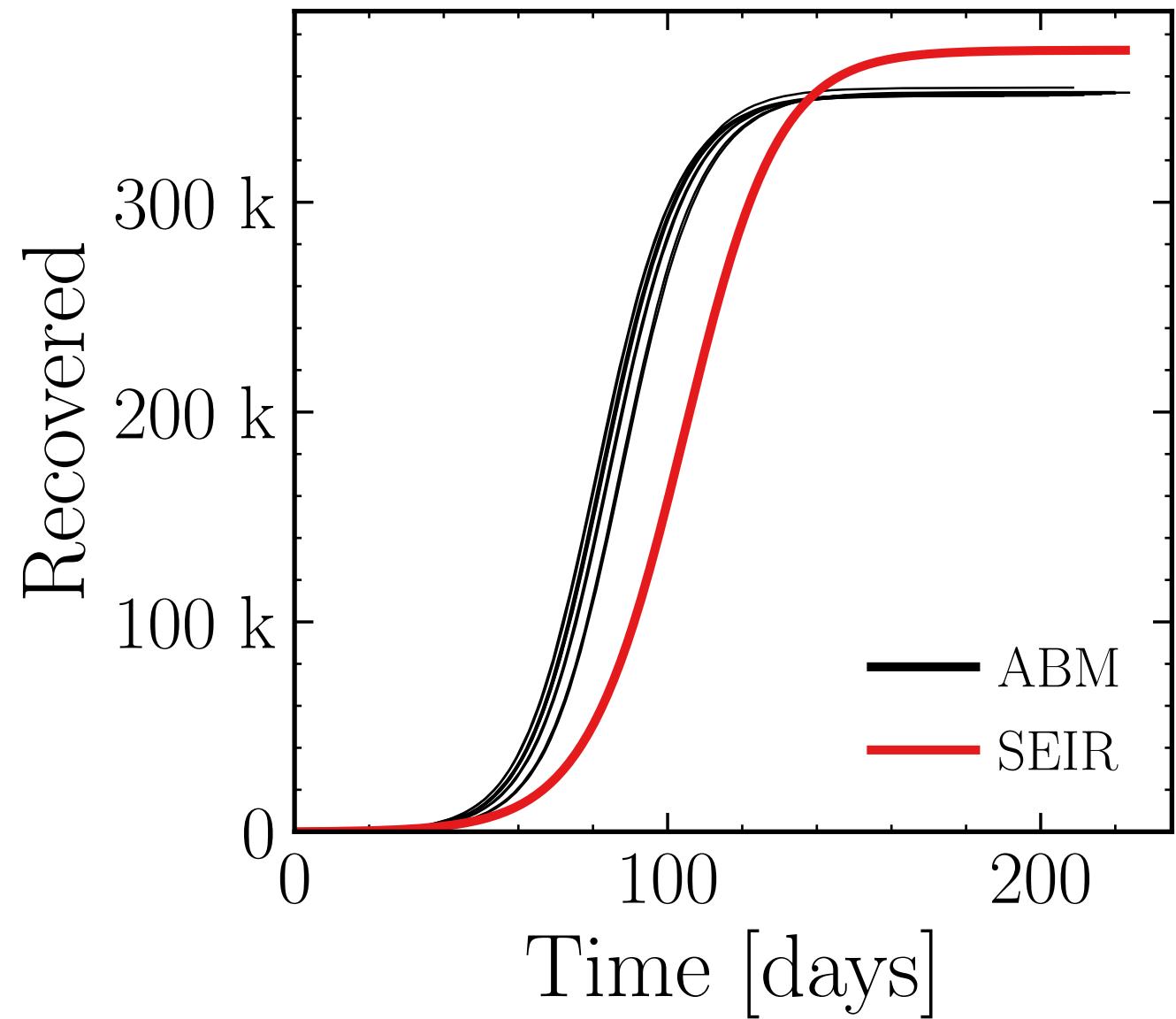
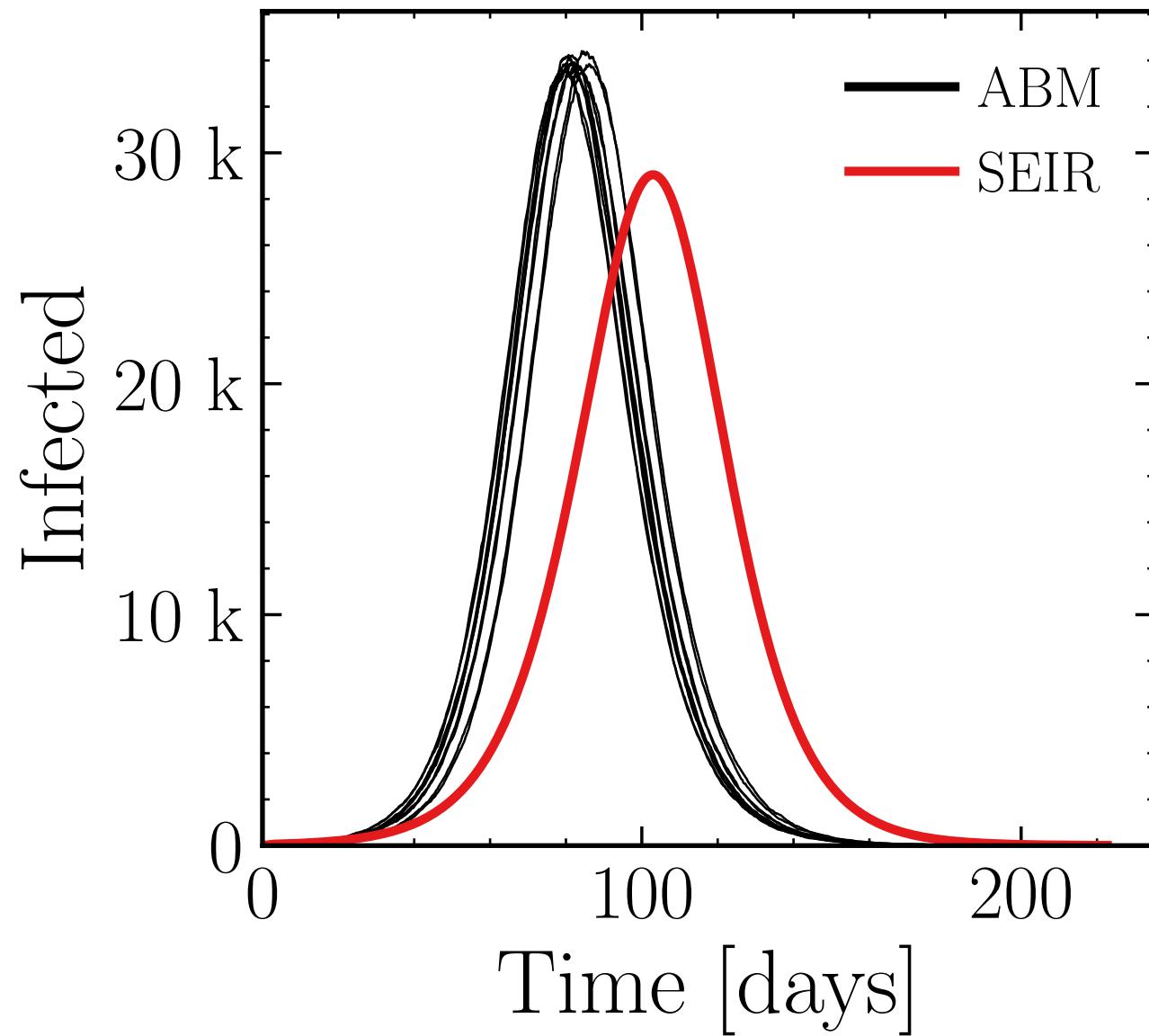
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33.92 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 296f606f5b, #10

$R_{\infty}^{\text{ABM}} = (351.8 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.6$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

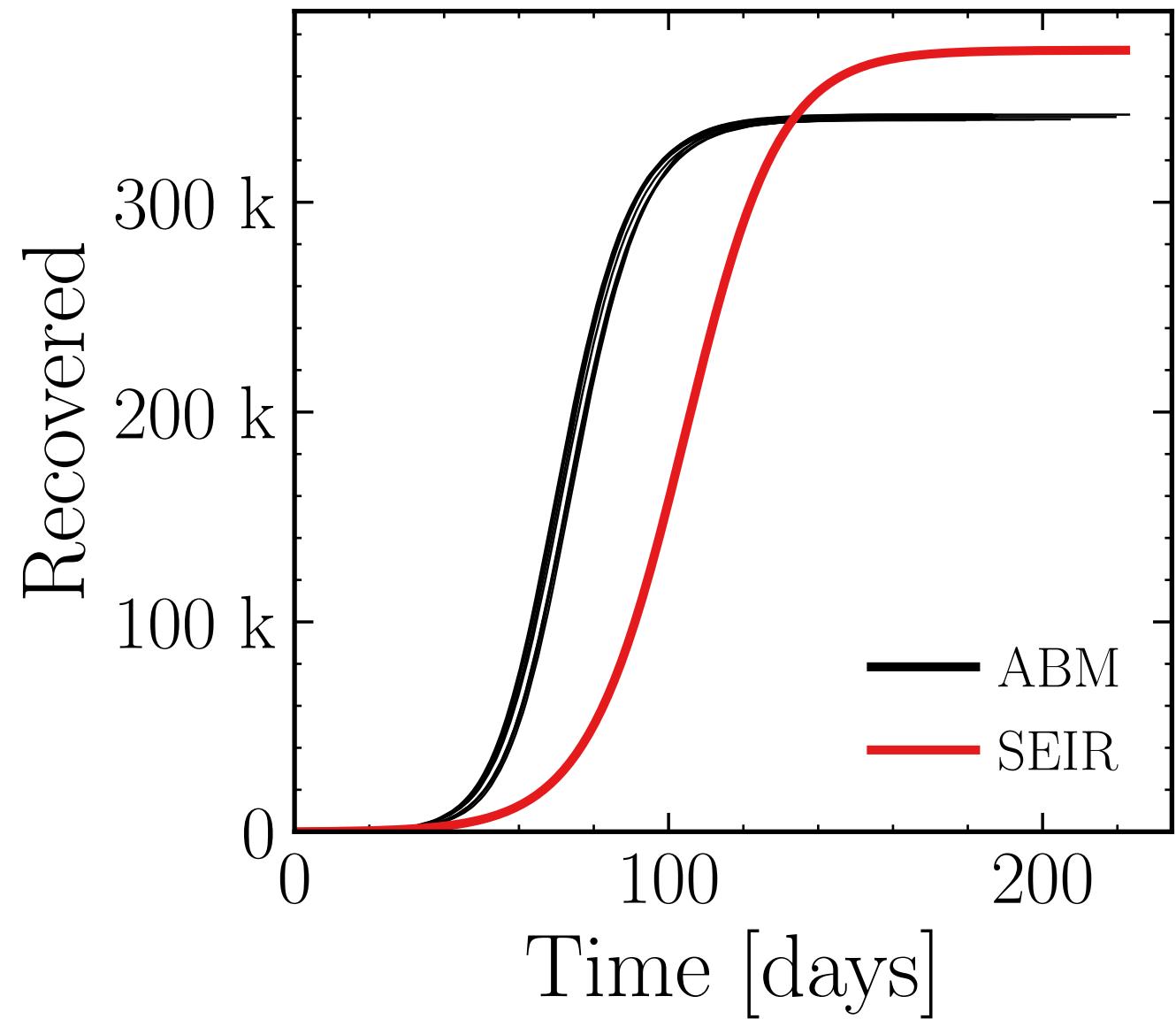
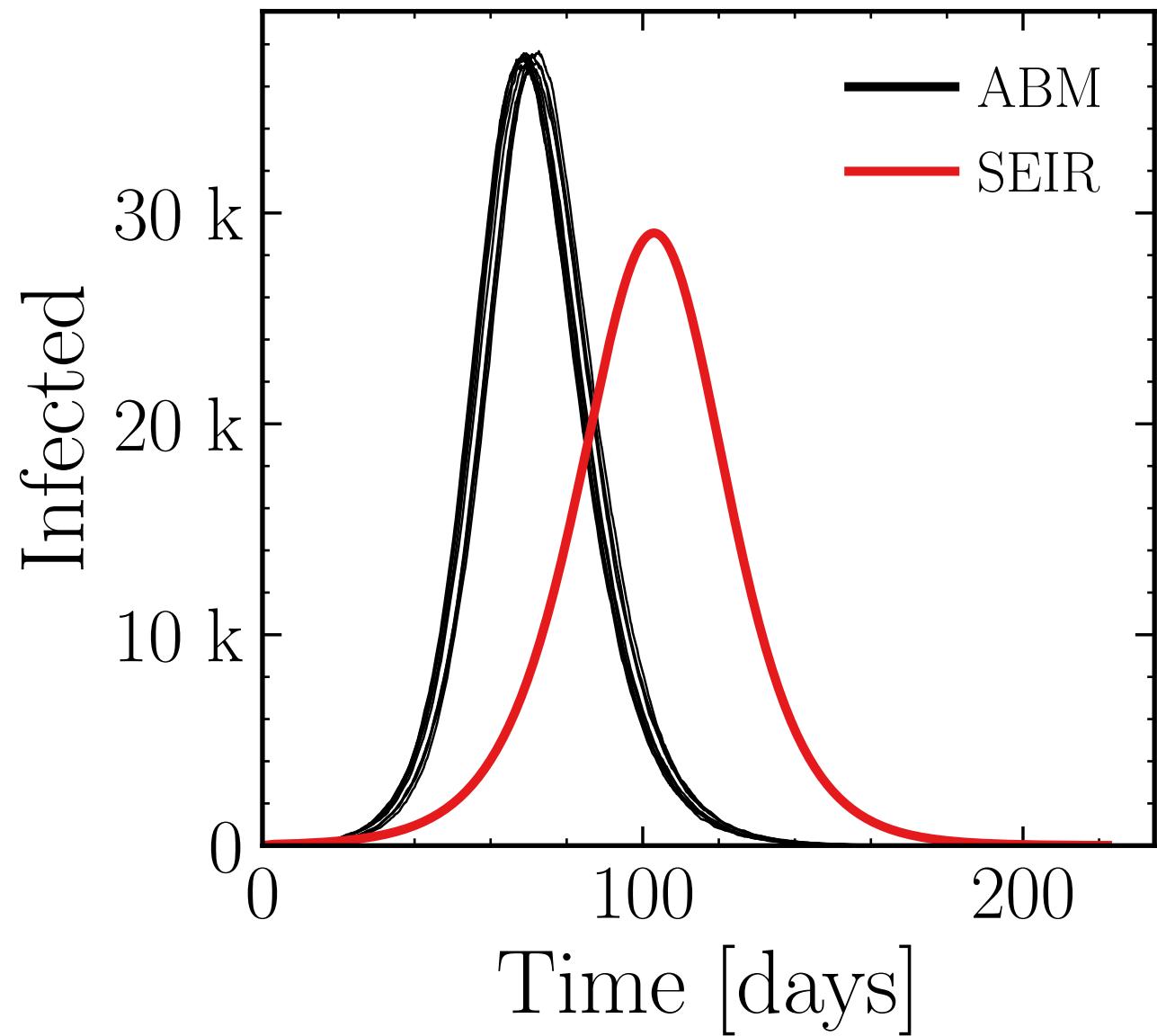
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (37.3 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 37e37f4f78, #10

$R_{\infty}^{\text{ABM}} = (340.3 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.5$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

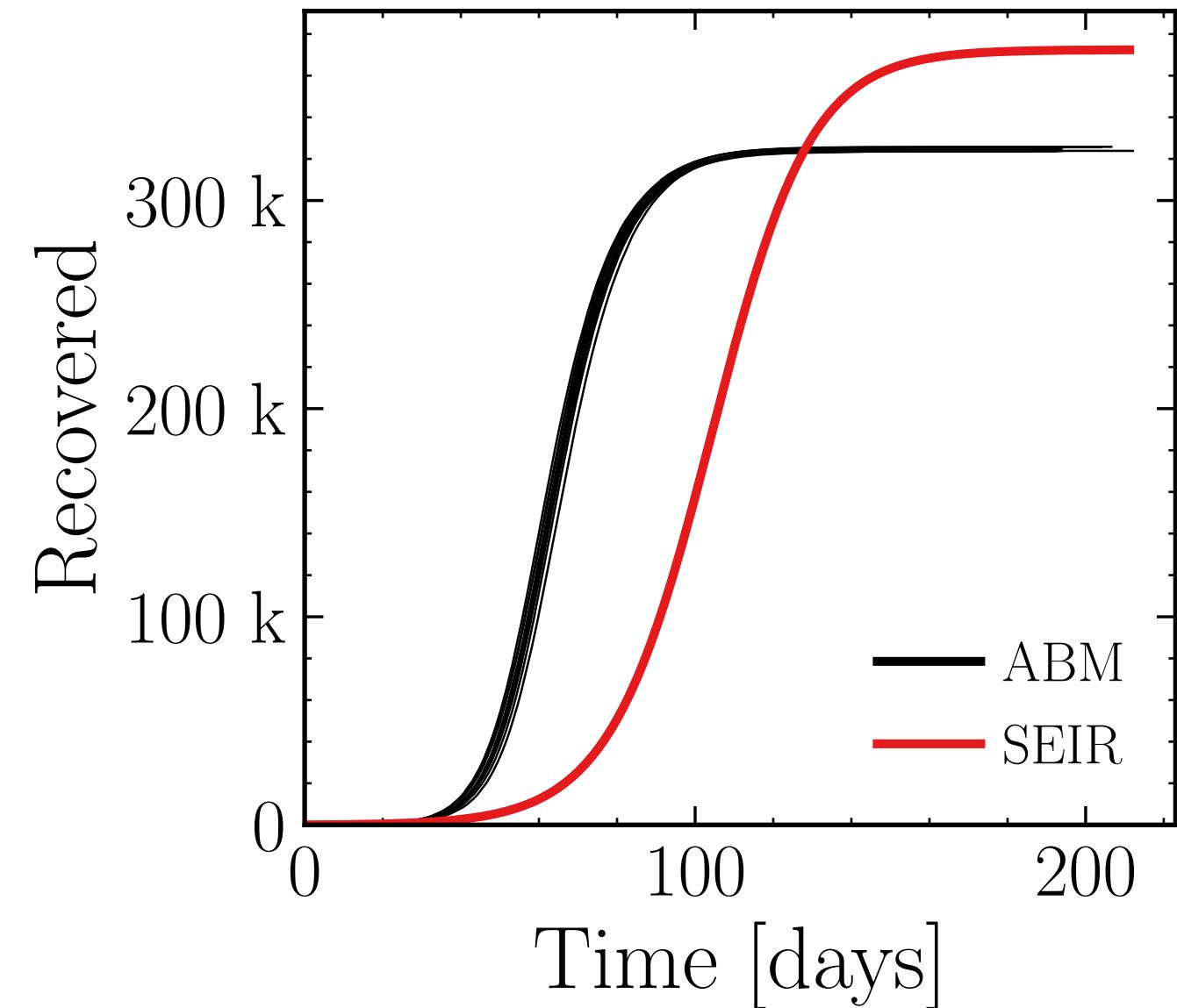
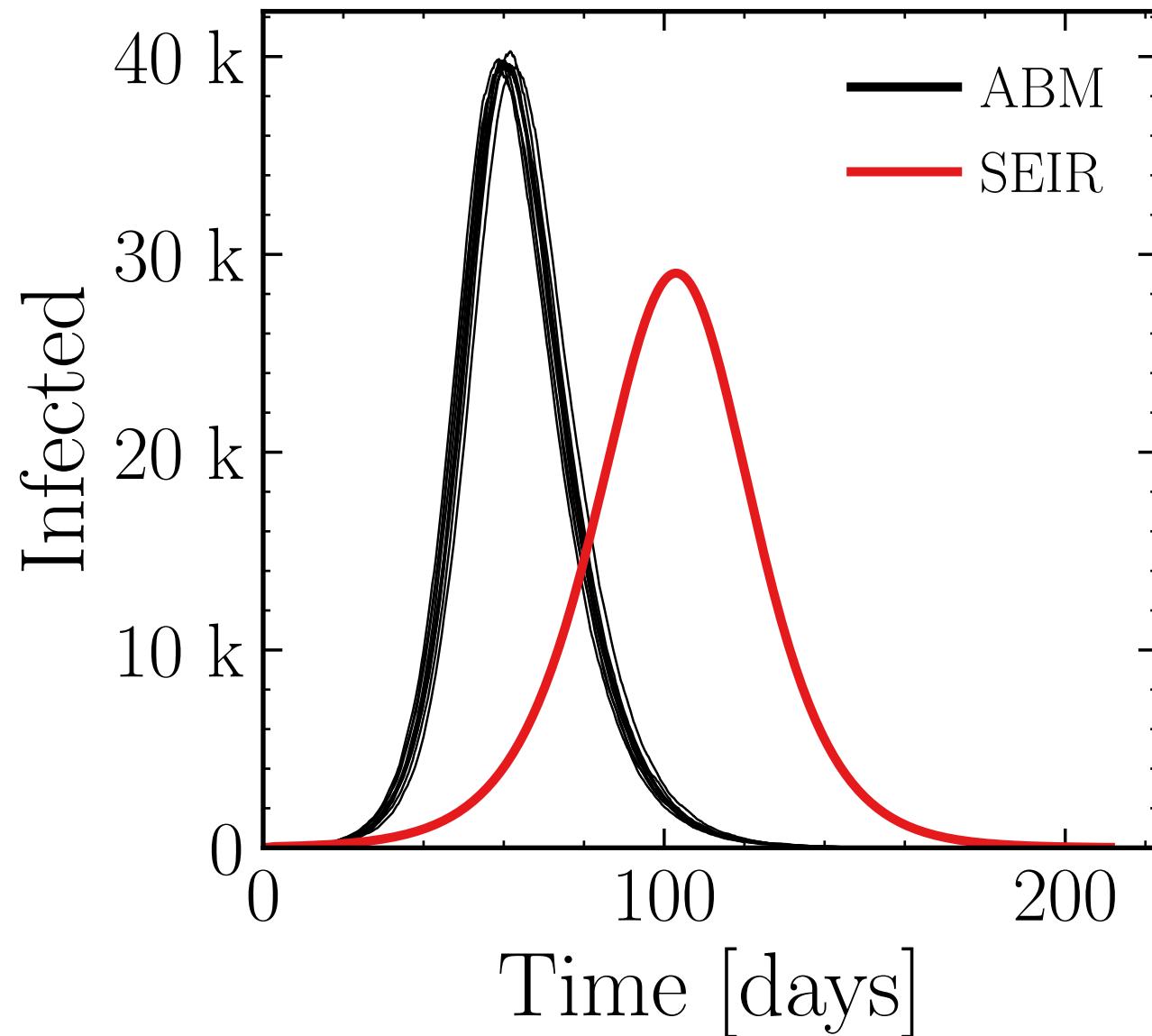
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (39.71 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 387d457f61, #10

$R_\infty^{\text{ABM}} = (324.6 \pm 0.08\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.95$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

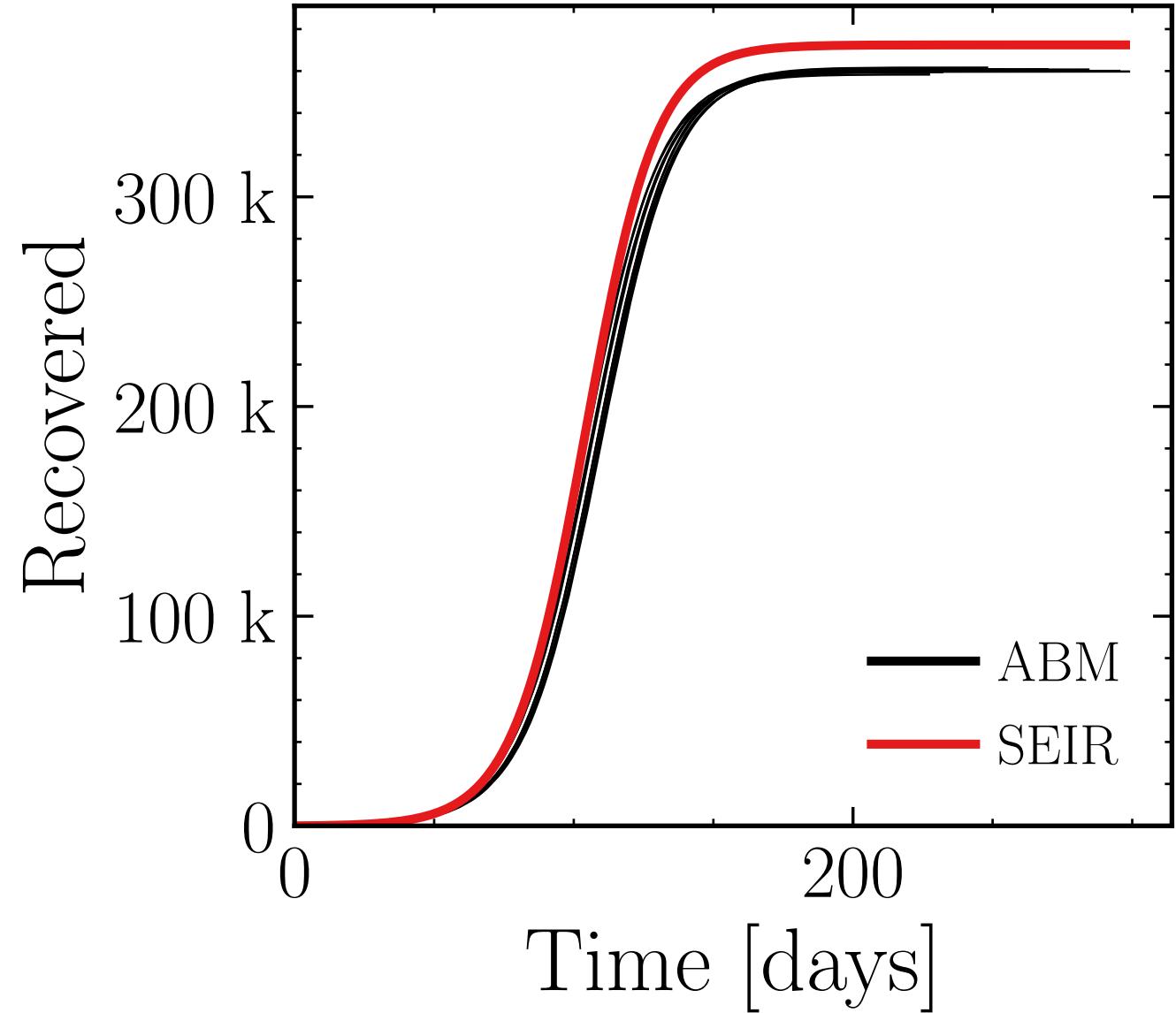
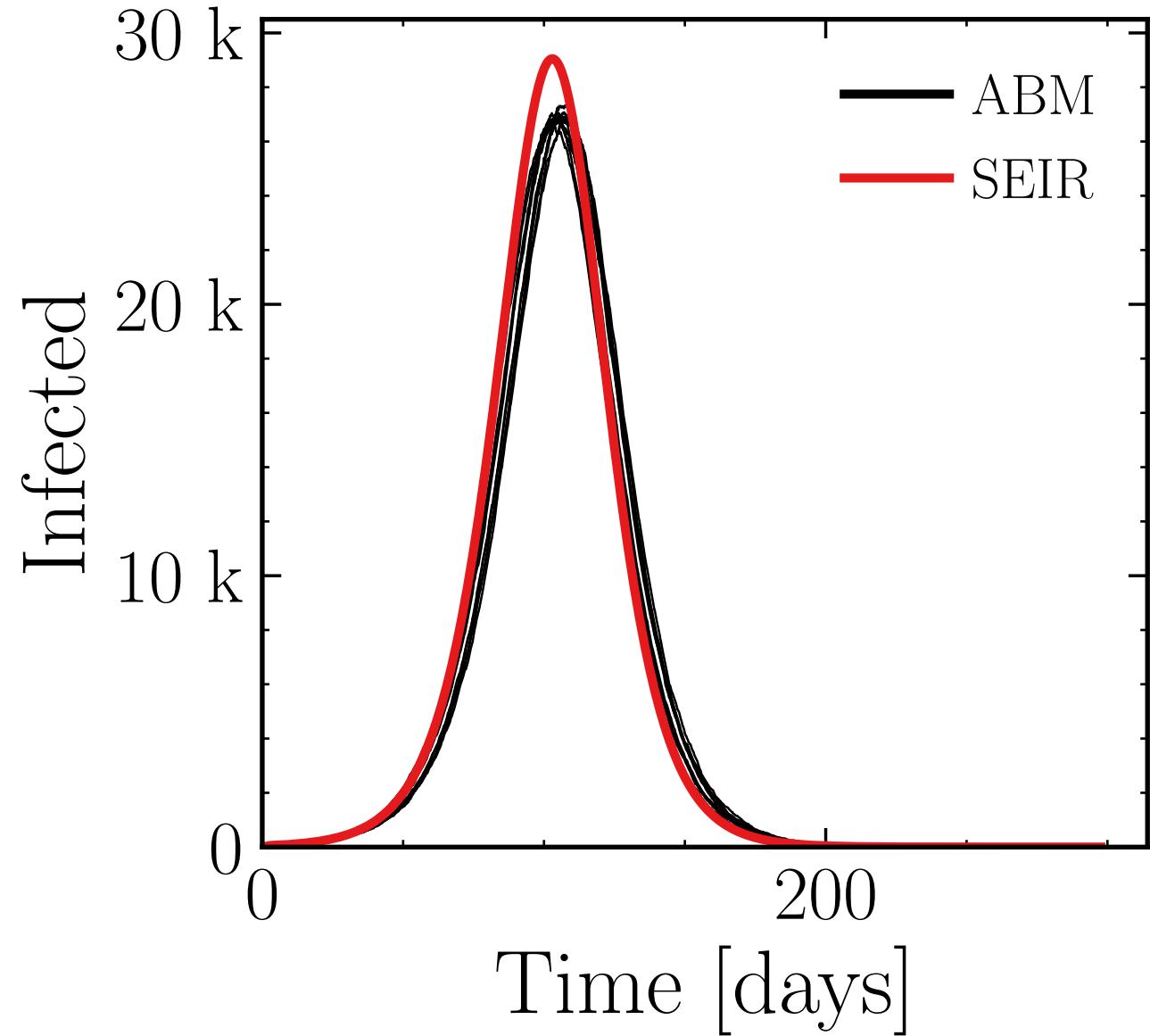
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.95 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 8aeb5df6af, #10

$R_{\infty}^{\text{ABM}} = (360.2 \pm 0.075\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.9$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

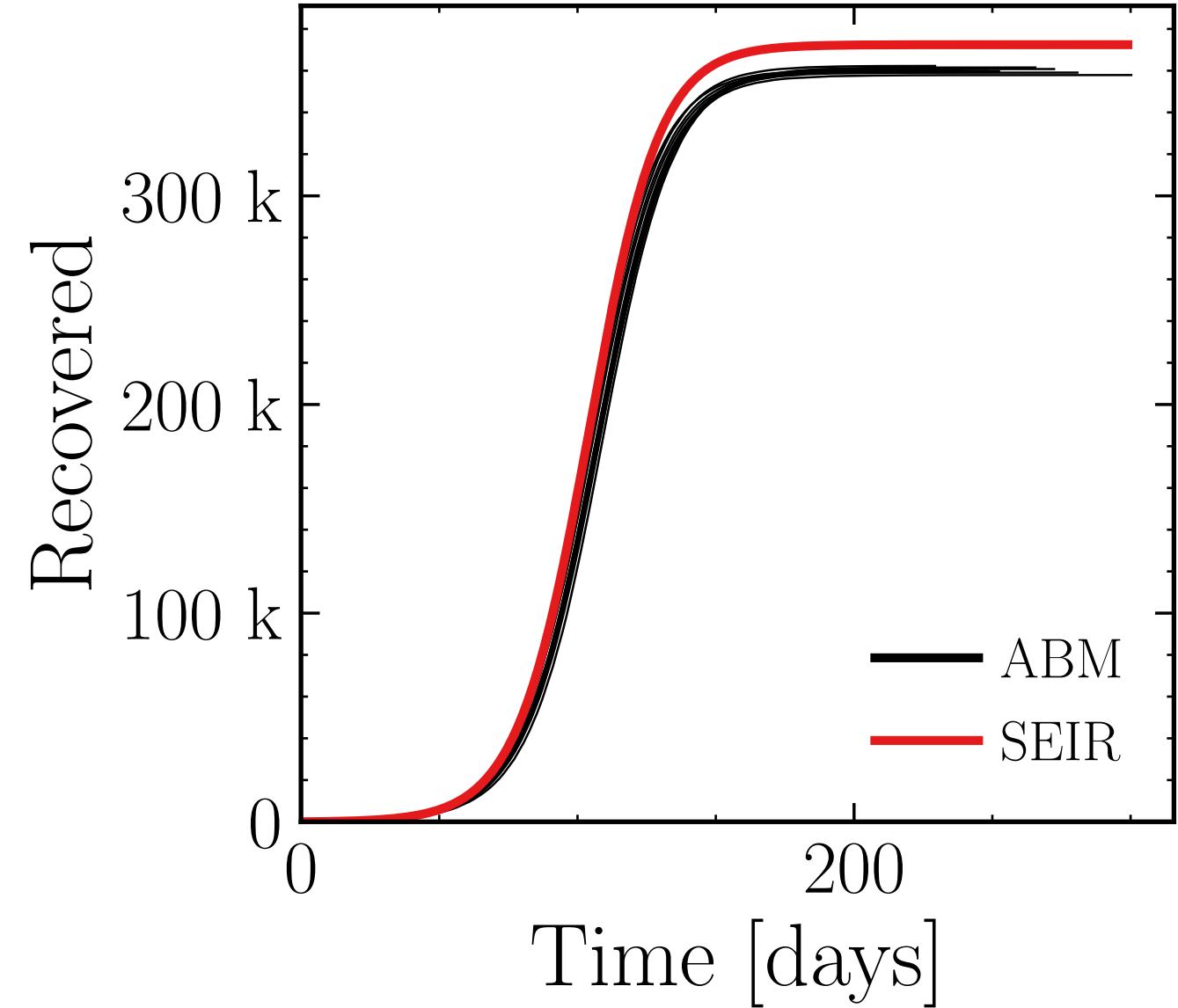
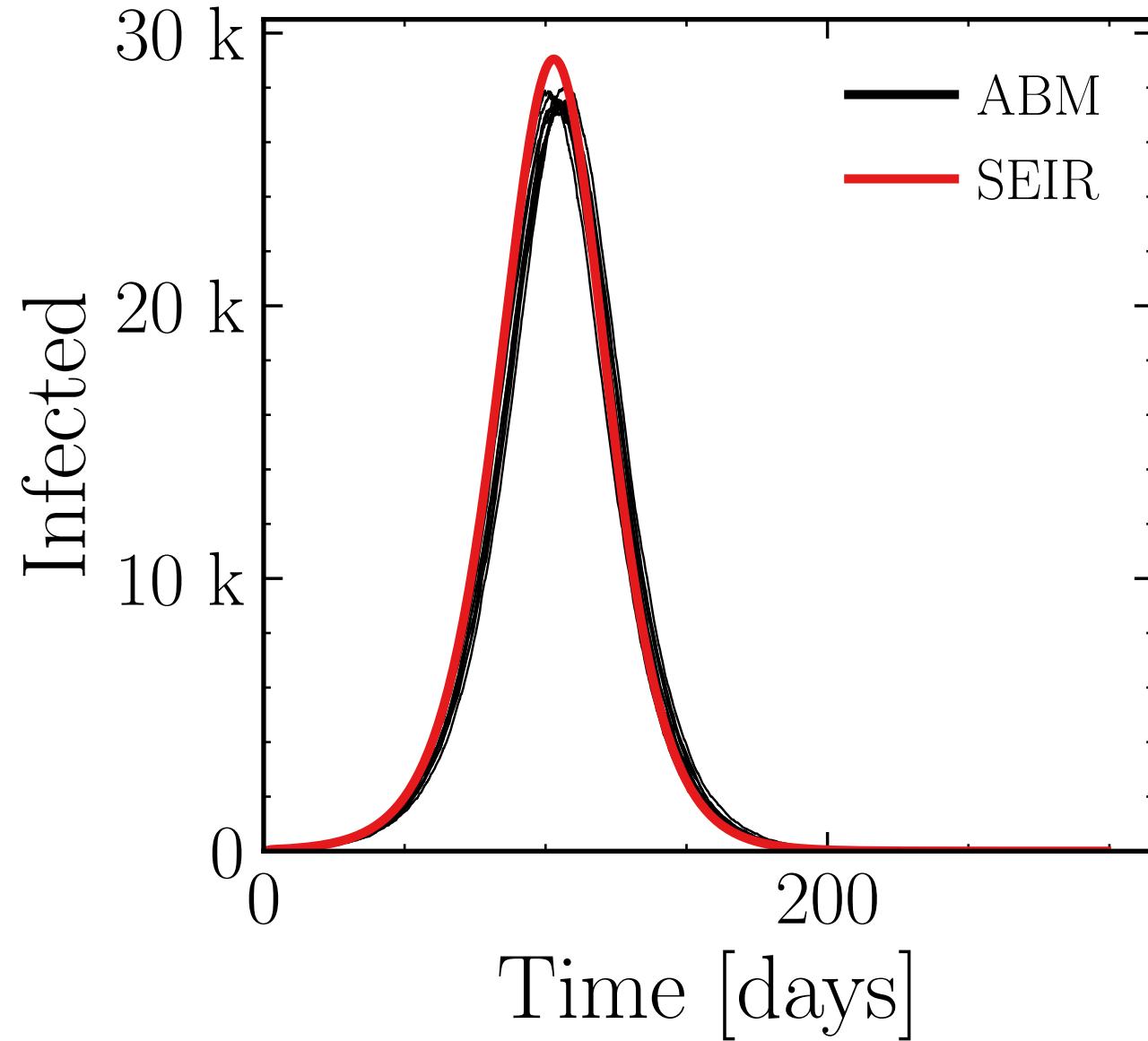
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.59 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 2670d2c15f, #10

$R_{\infty}^{\text{ABM}} = (360.2 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.99$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

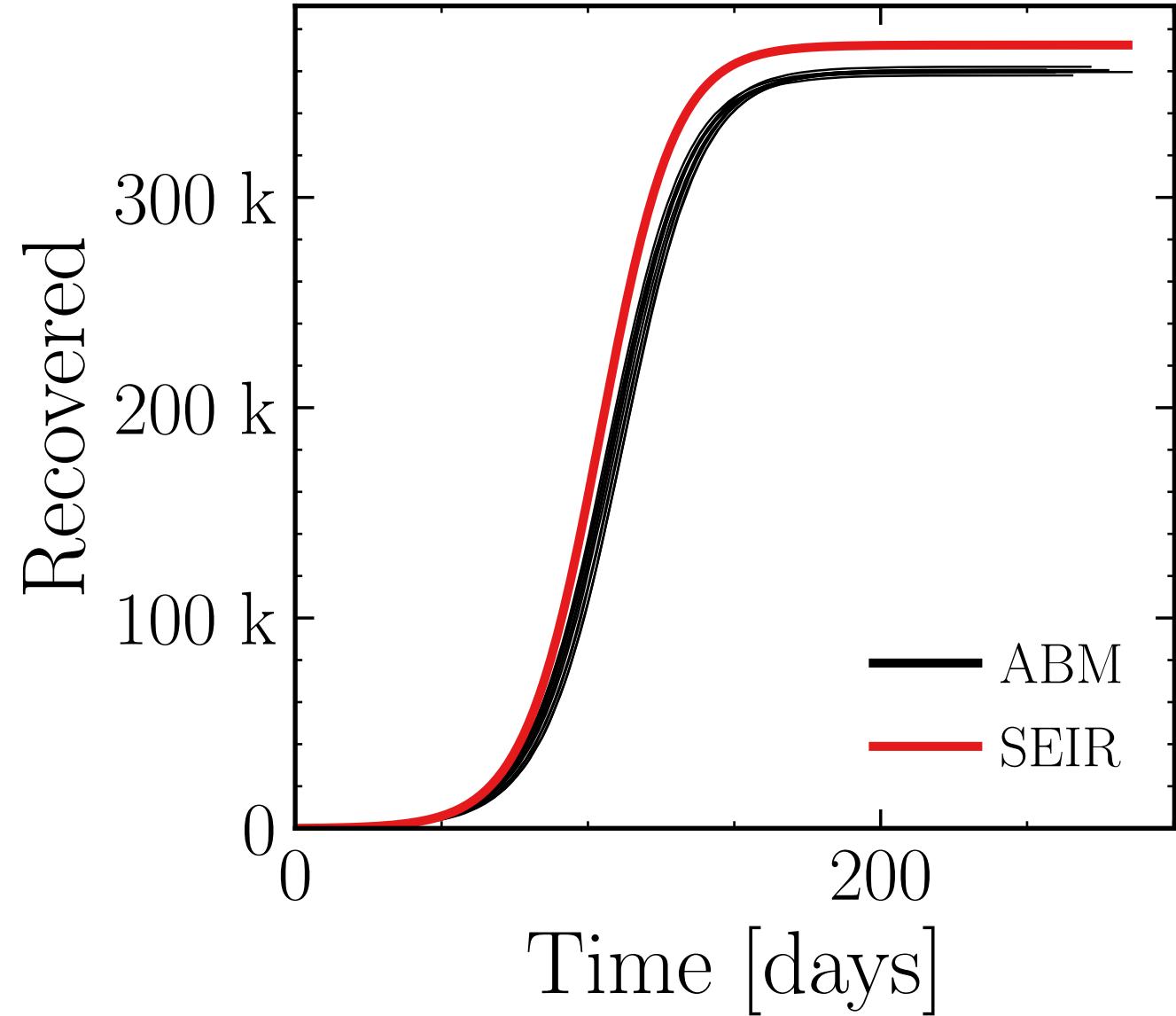
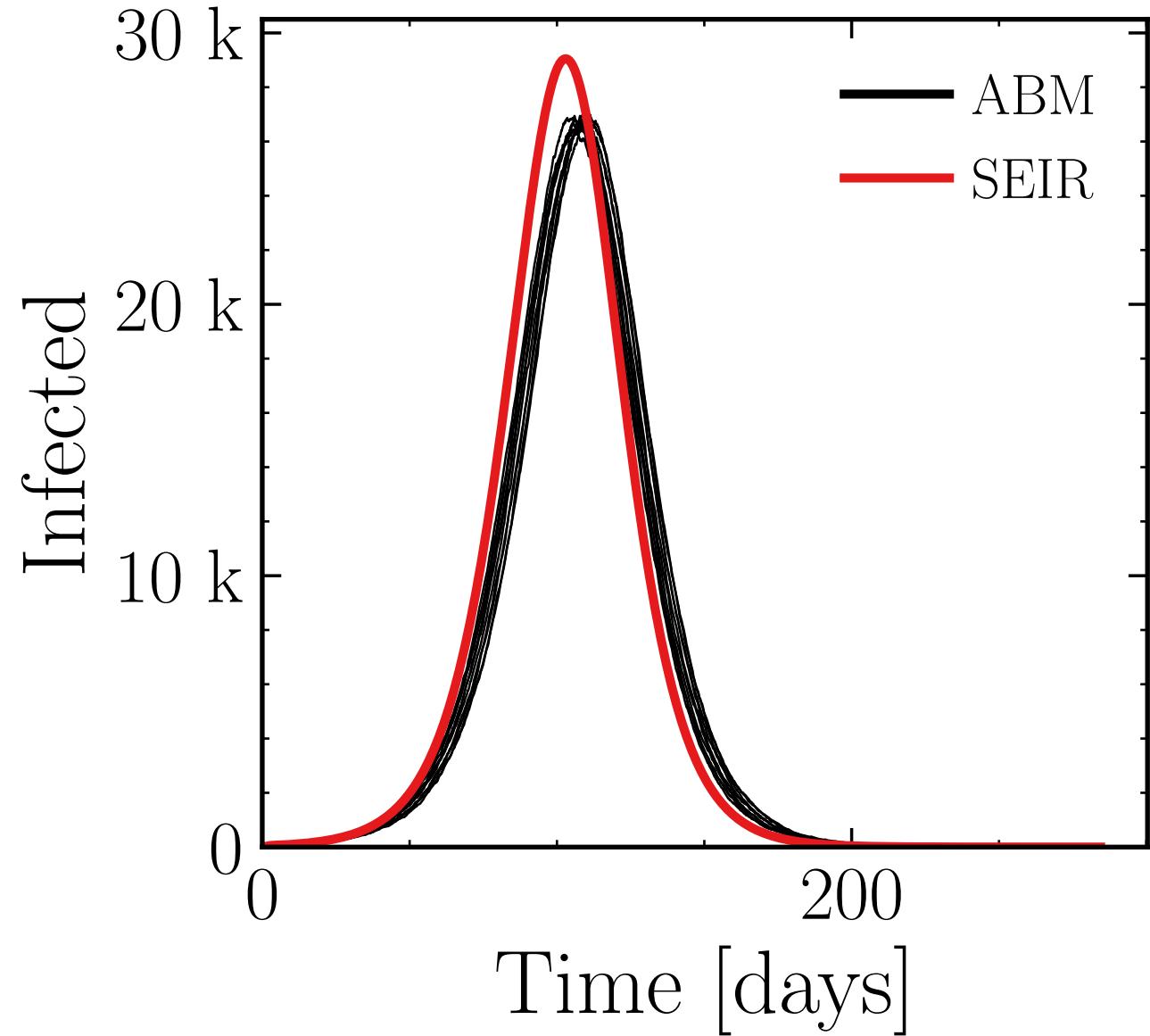
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.73 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 88d5aa1332, #10

$R_{\infty}^{\text{ABM}} = (360.1 \pm 0.088\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 1.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

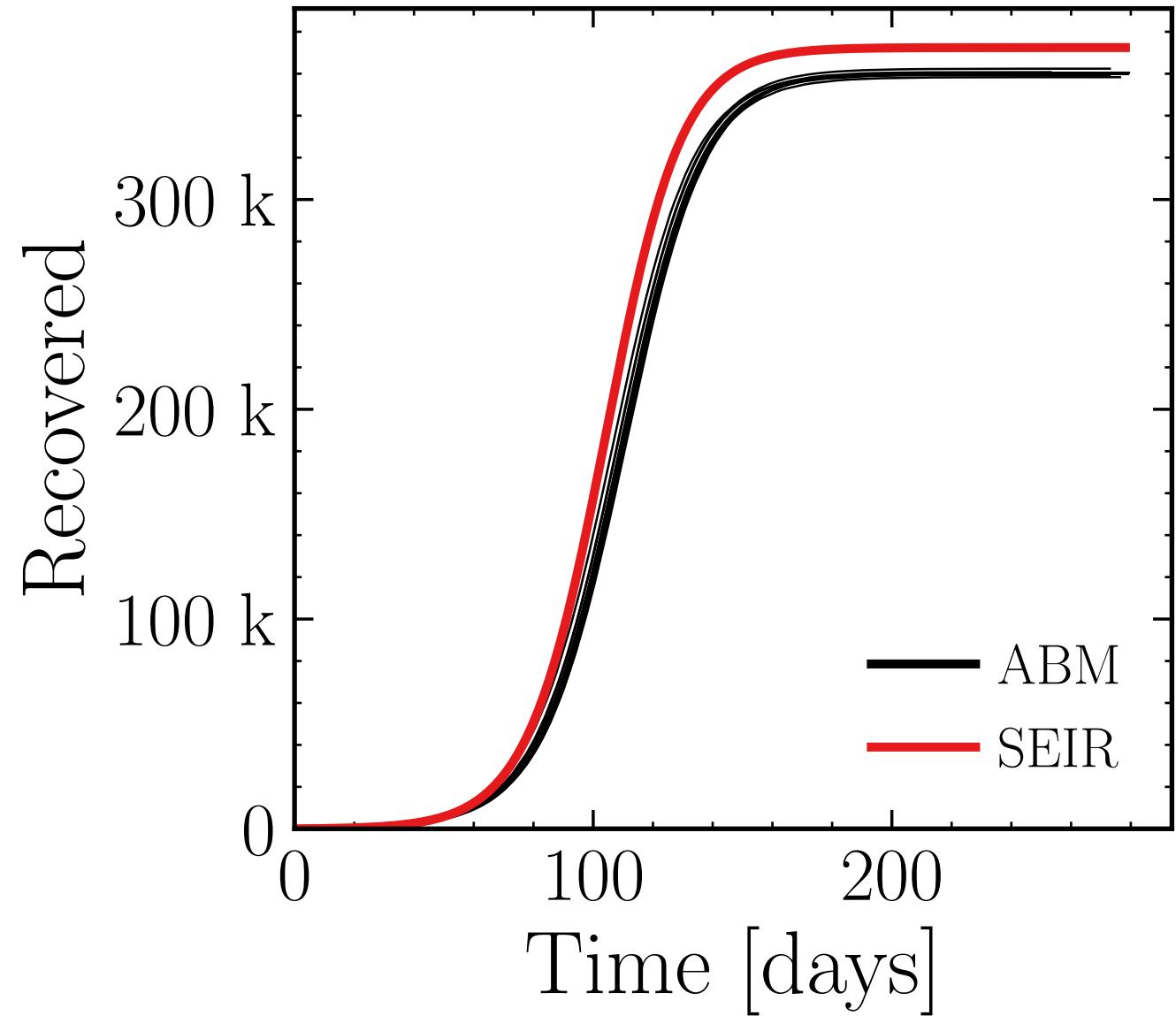
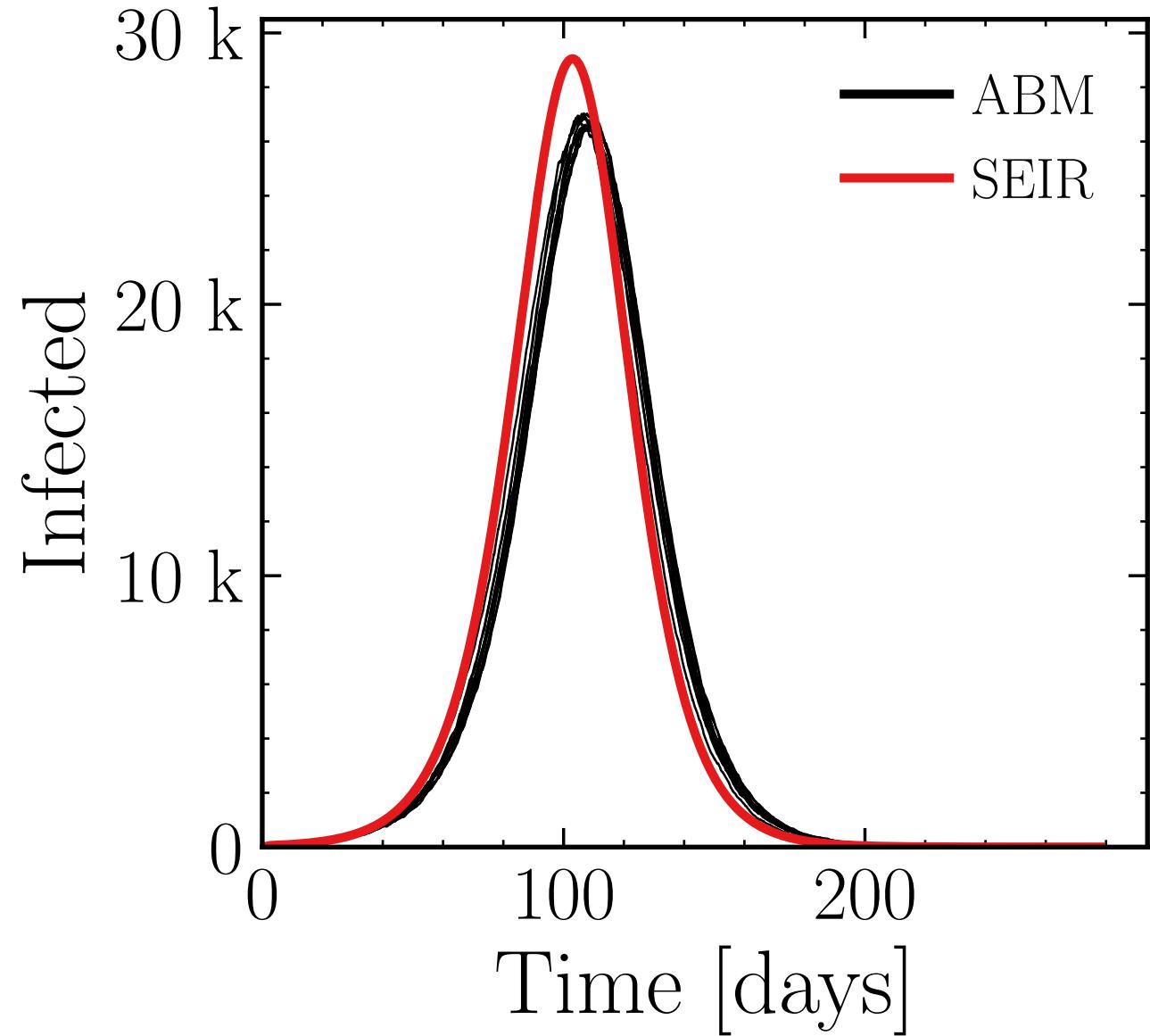
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.74 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 84c4c022c5, #10

$R_{\infty}^{\text{ABM}} = (360.2 \pm 0.086\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

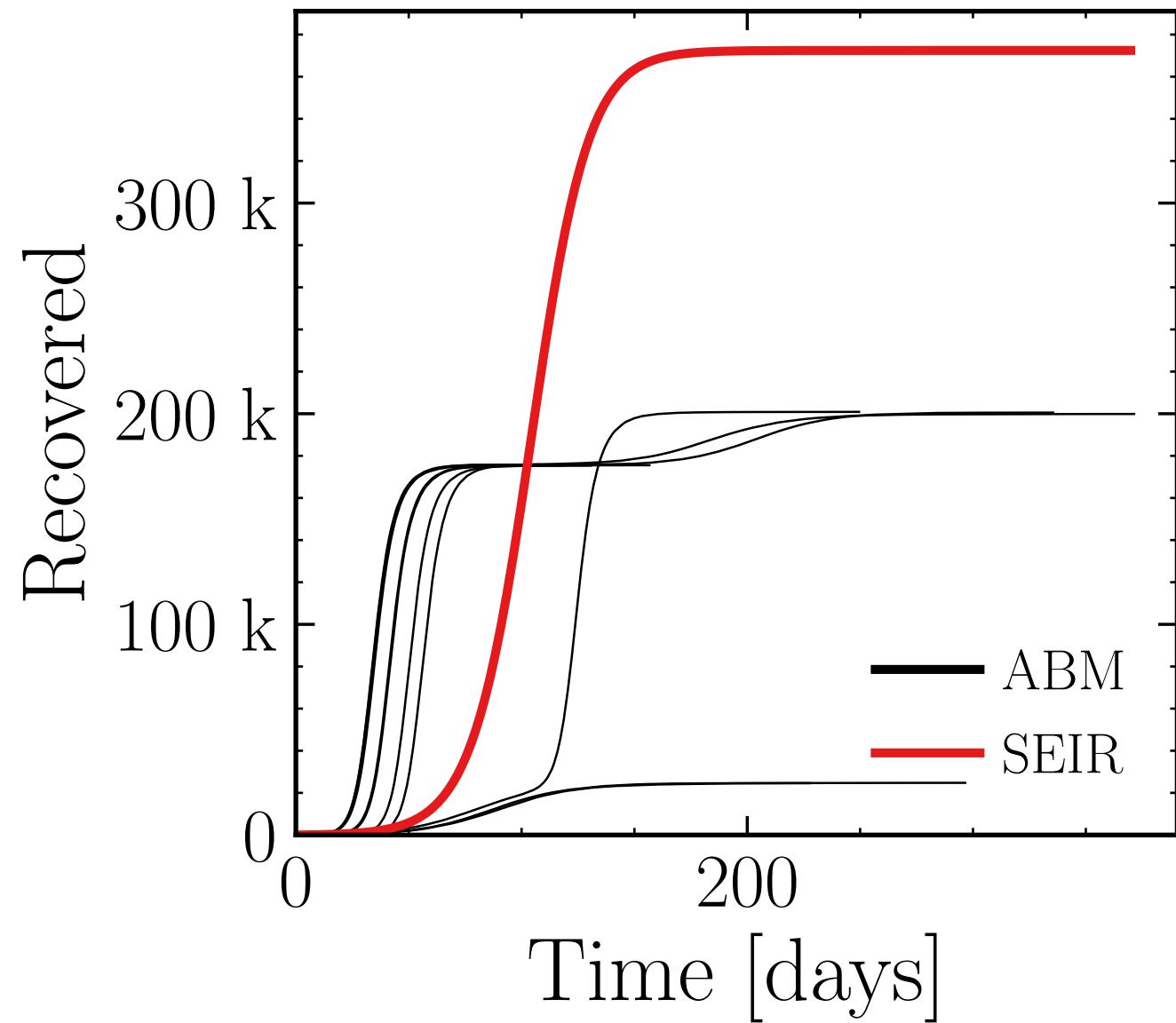
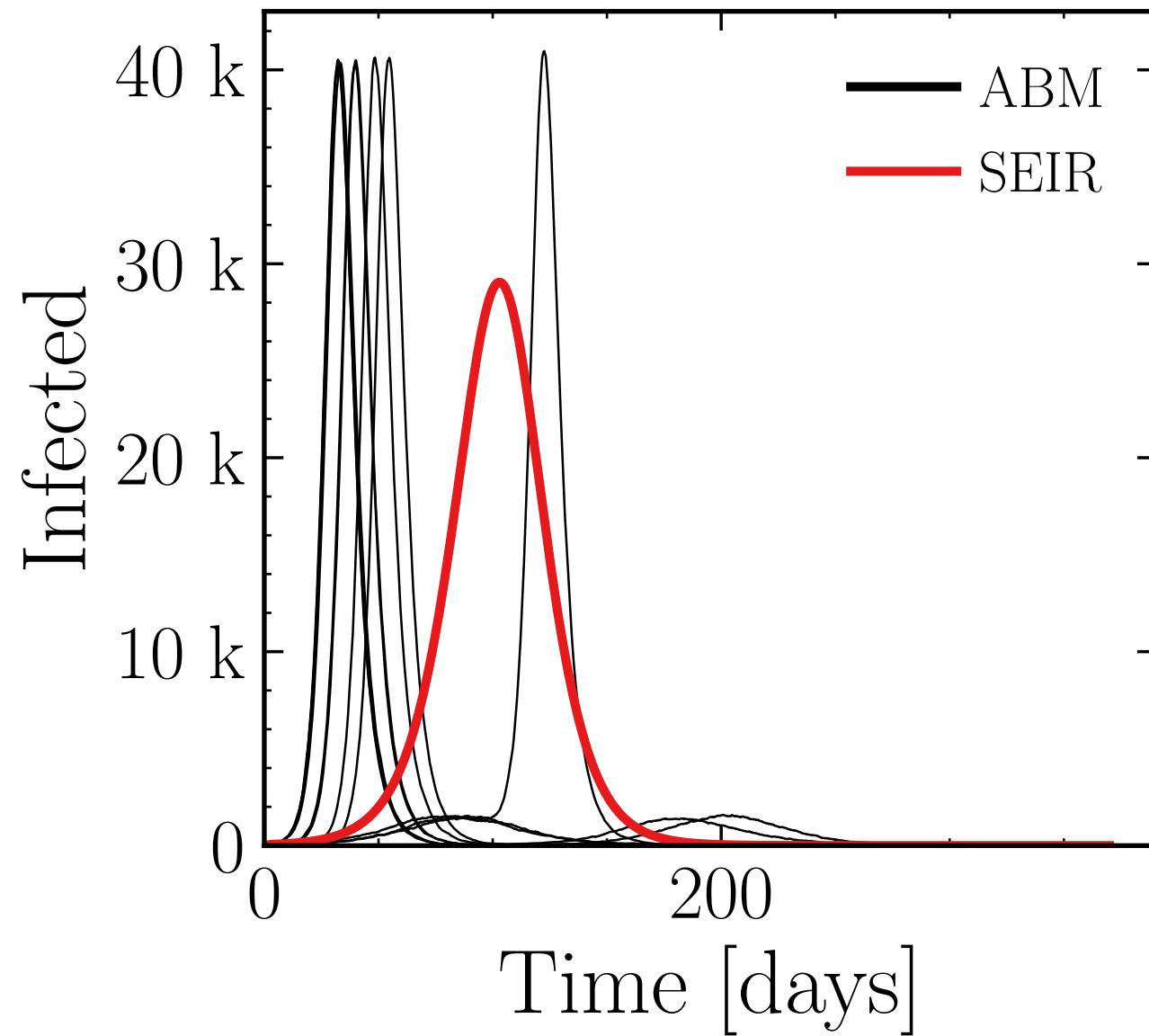
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (33 \pm 1.5e + 01\%) \cdot 10^3$

v. = 1.0, hash = dbabec3343, #10

$R_{\infty}^{\text{ABM}} = (150 \pm 1.3e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

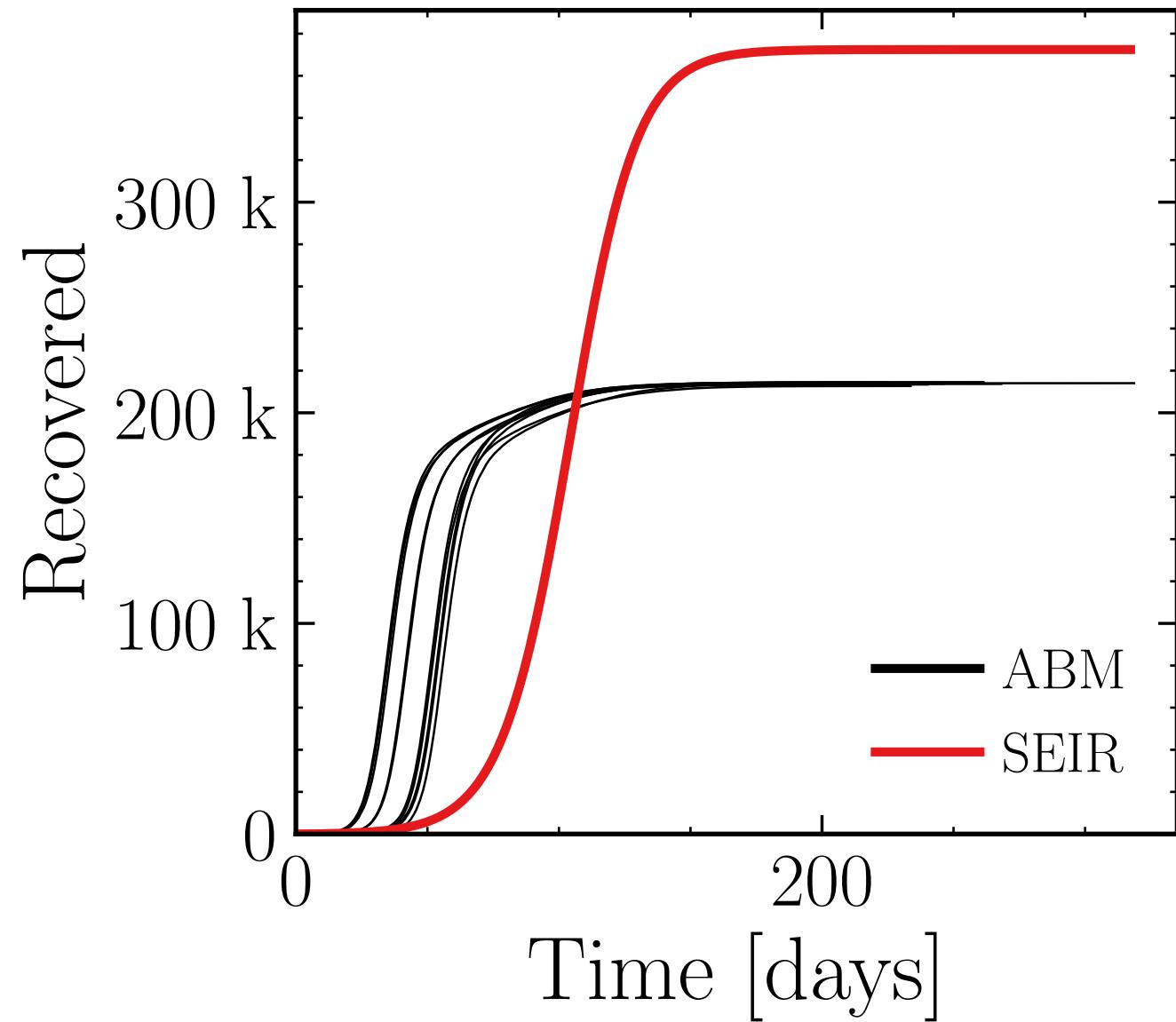
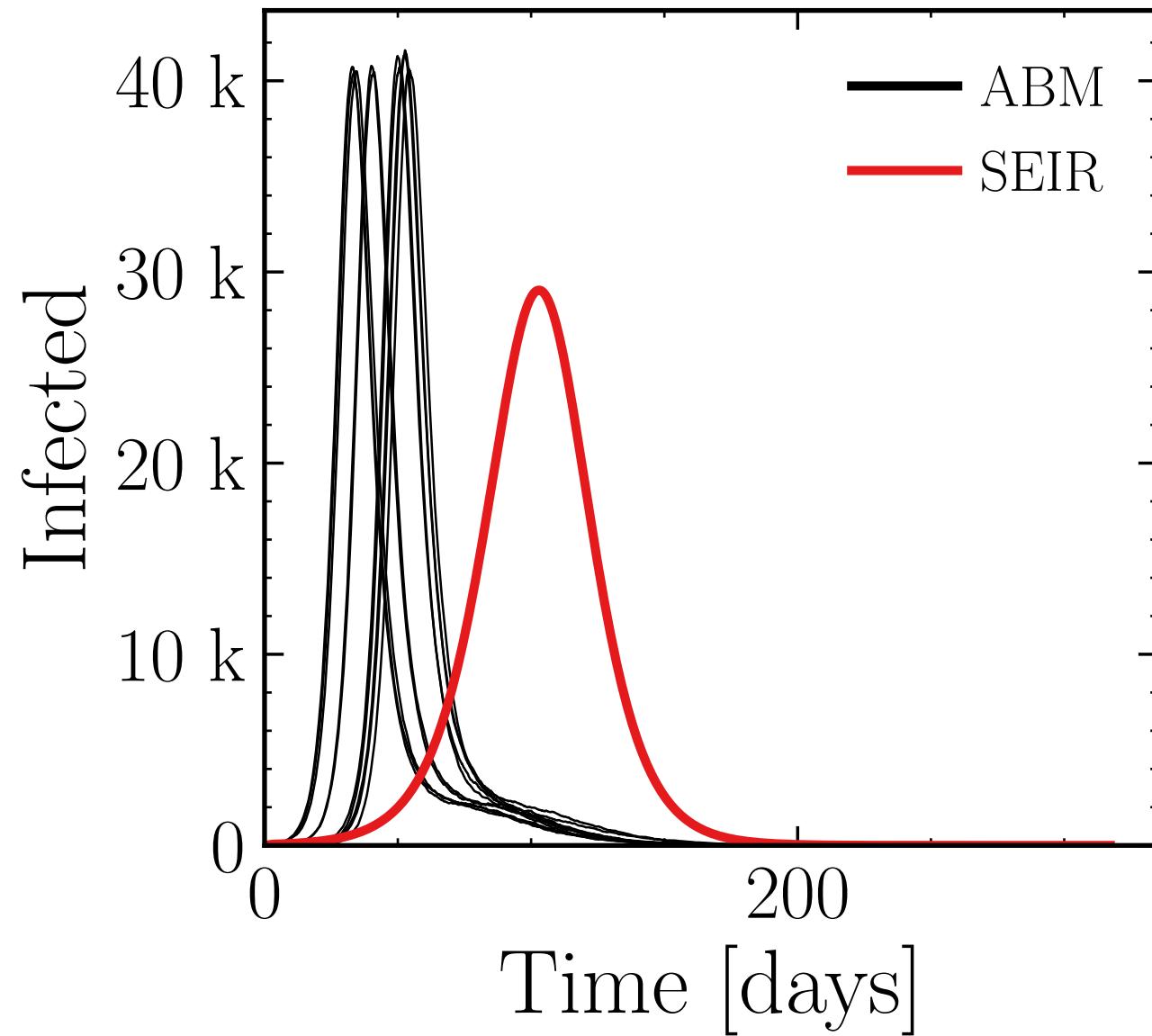
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

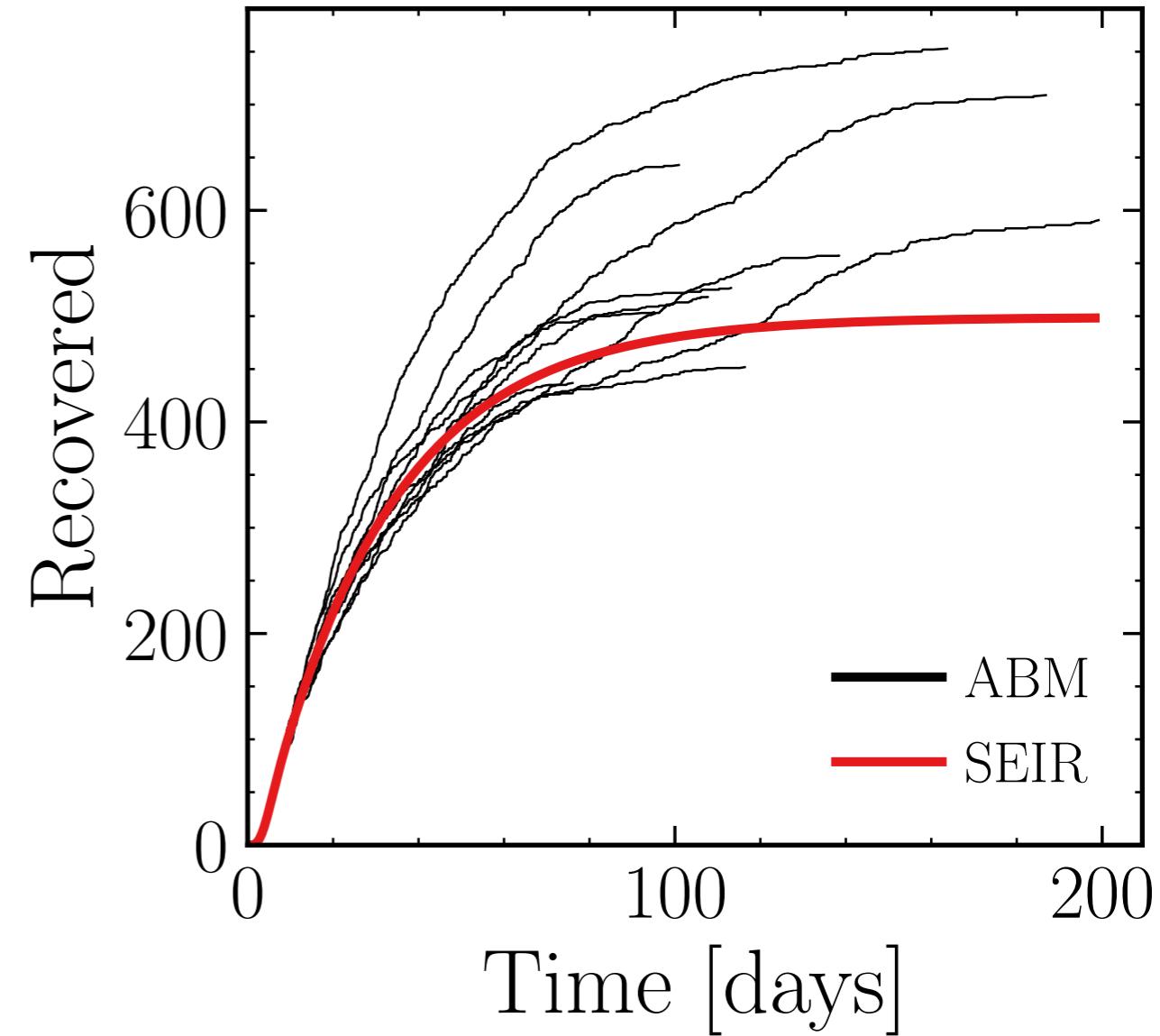
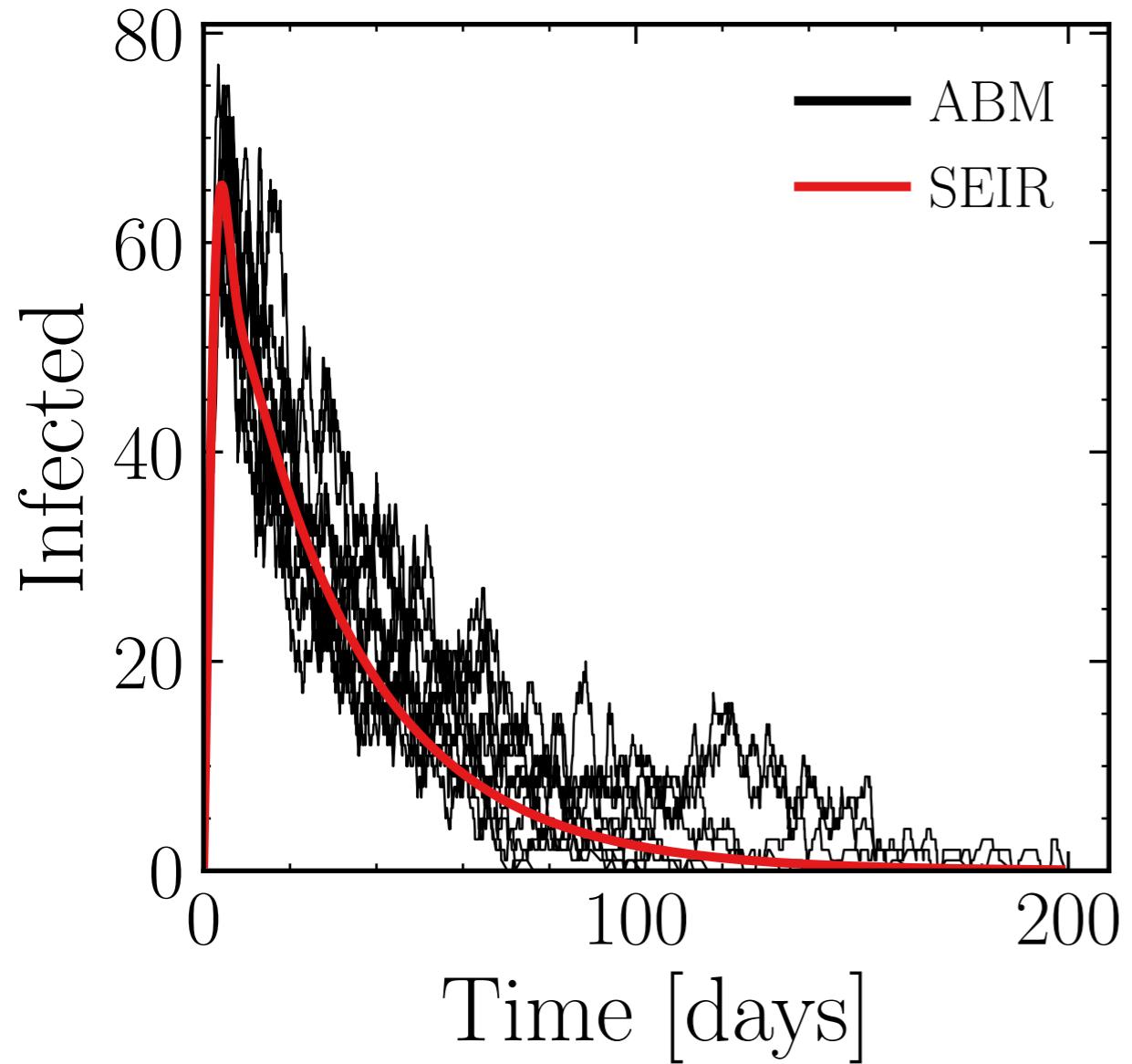
$I_{\text{max}}^{\text{ABM}} = (40.8 \pm 0.31\%) \cdot 10^3$

v. = 1.0, hash = 5b5a9558ba, #10

$R_{\infty}^{\text{ABM}} = (214 \pm 0.081\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.01$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (70 \pm 2.6\%)$. v. = 1.0, hash = 89ceb0897d, #10 $R_{\infty}^{\text{ABM}} = (570 \pm 5.5\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

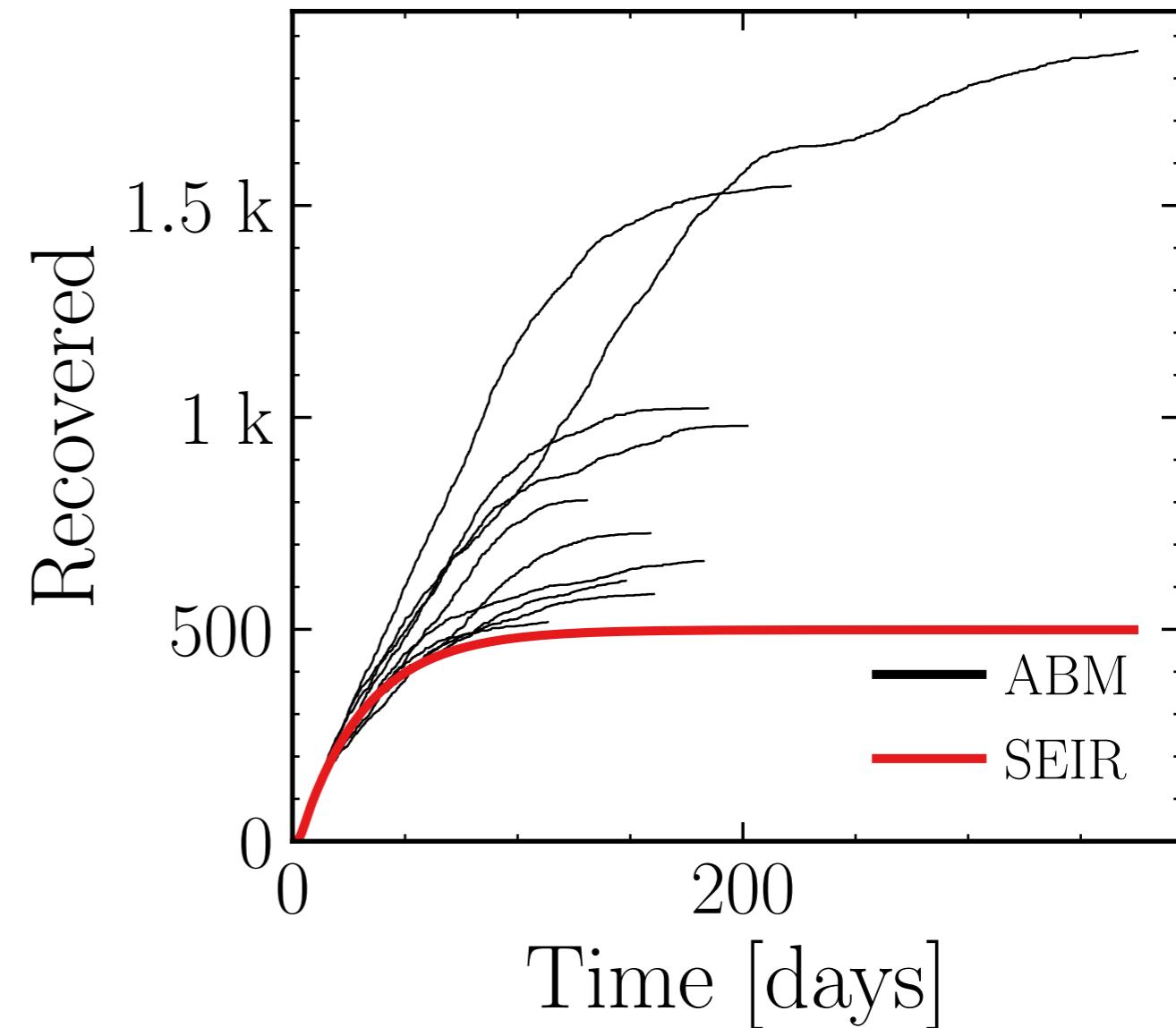
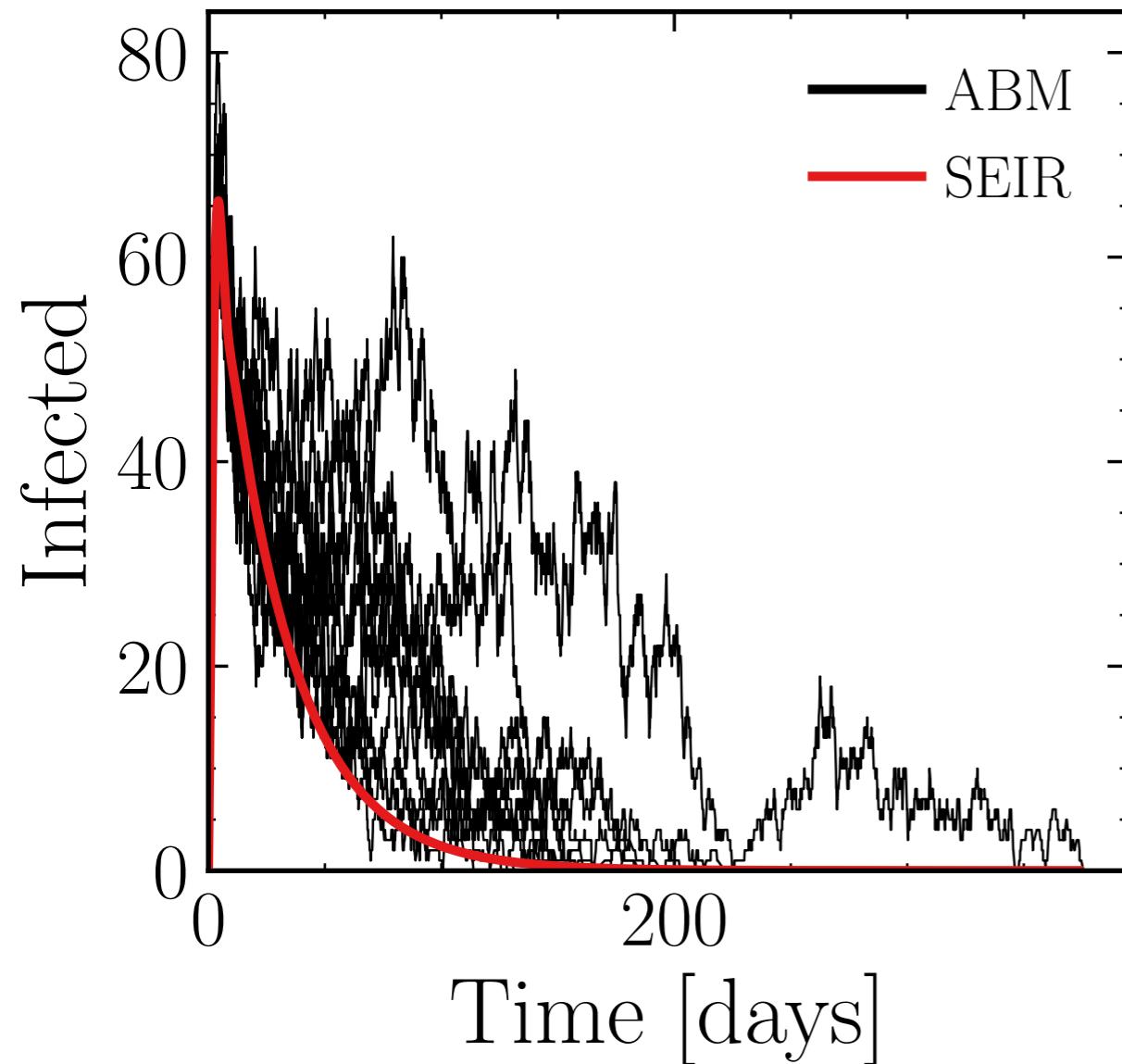
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (69 \pm 2.4\%)$.

v. = 1.0, hash = 88ef5f8168, #10

$R_{\infty}^{\text{ABM}} = (900 \pm 1.4e + 01\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

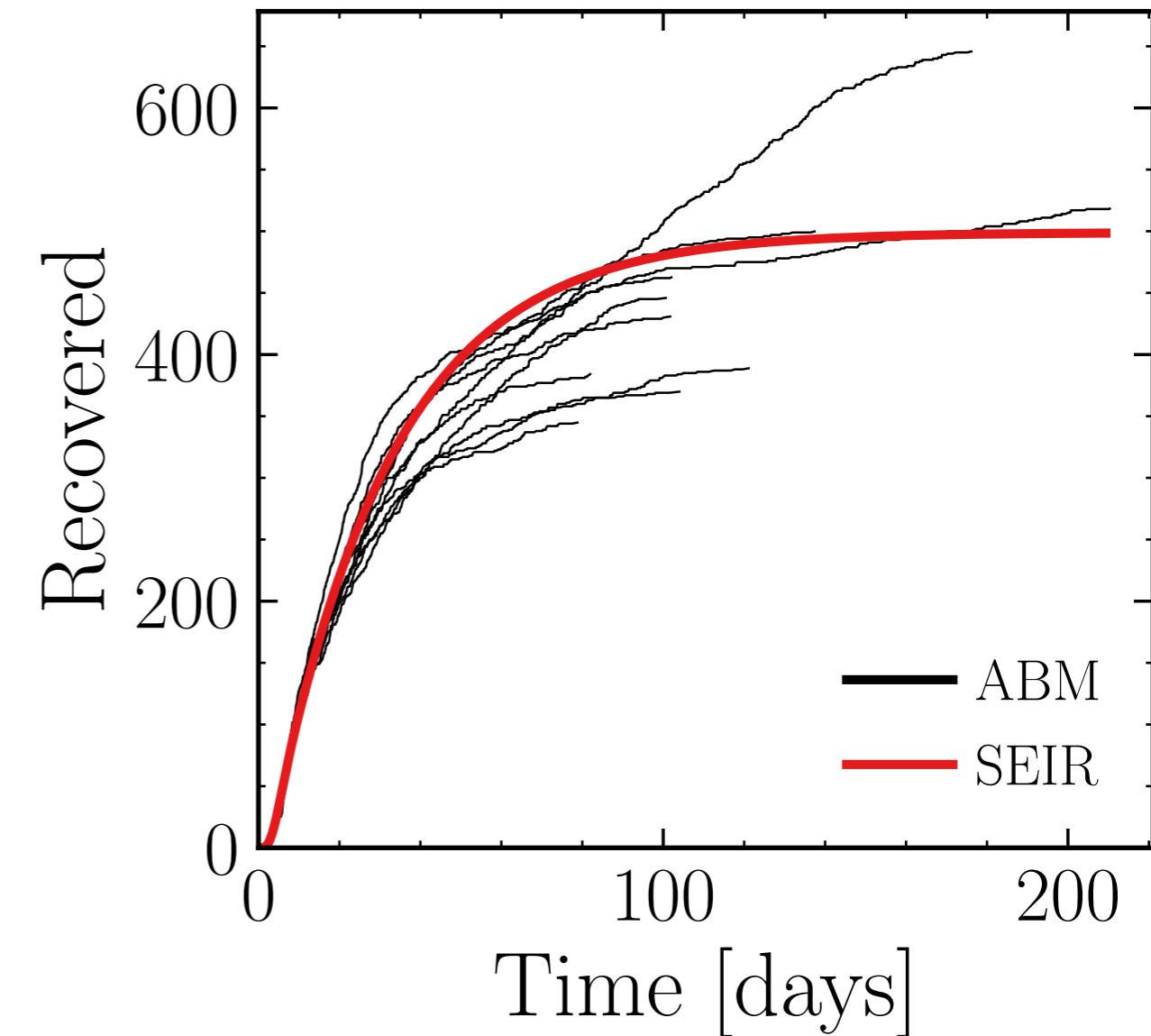
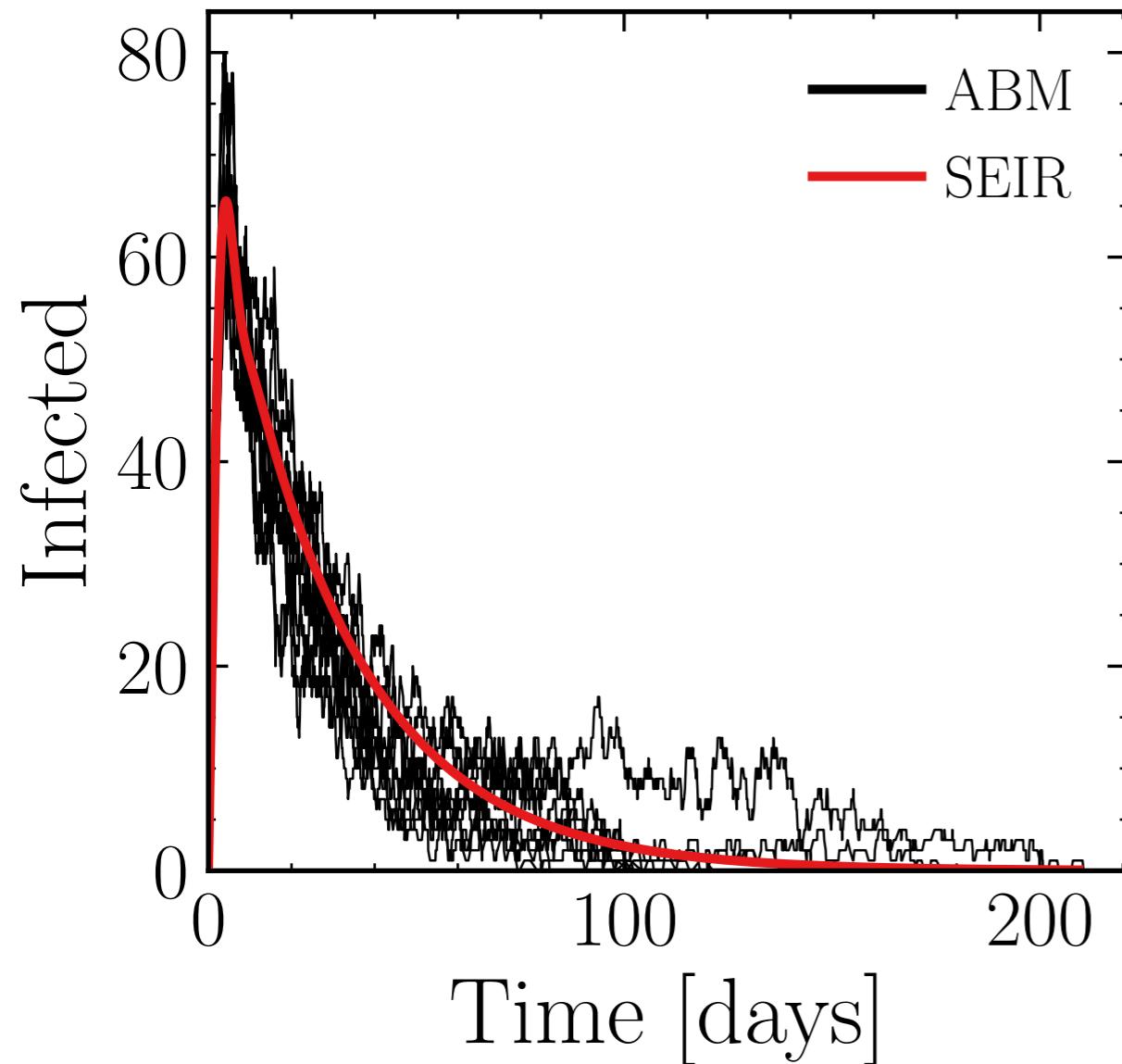
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

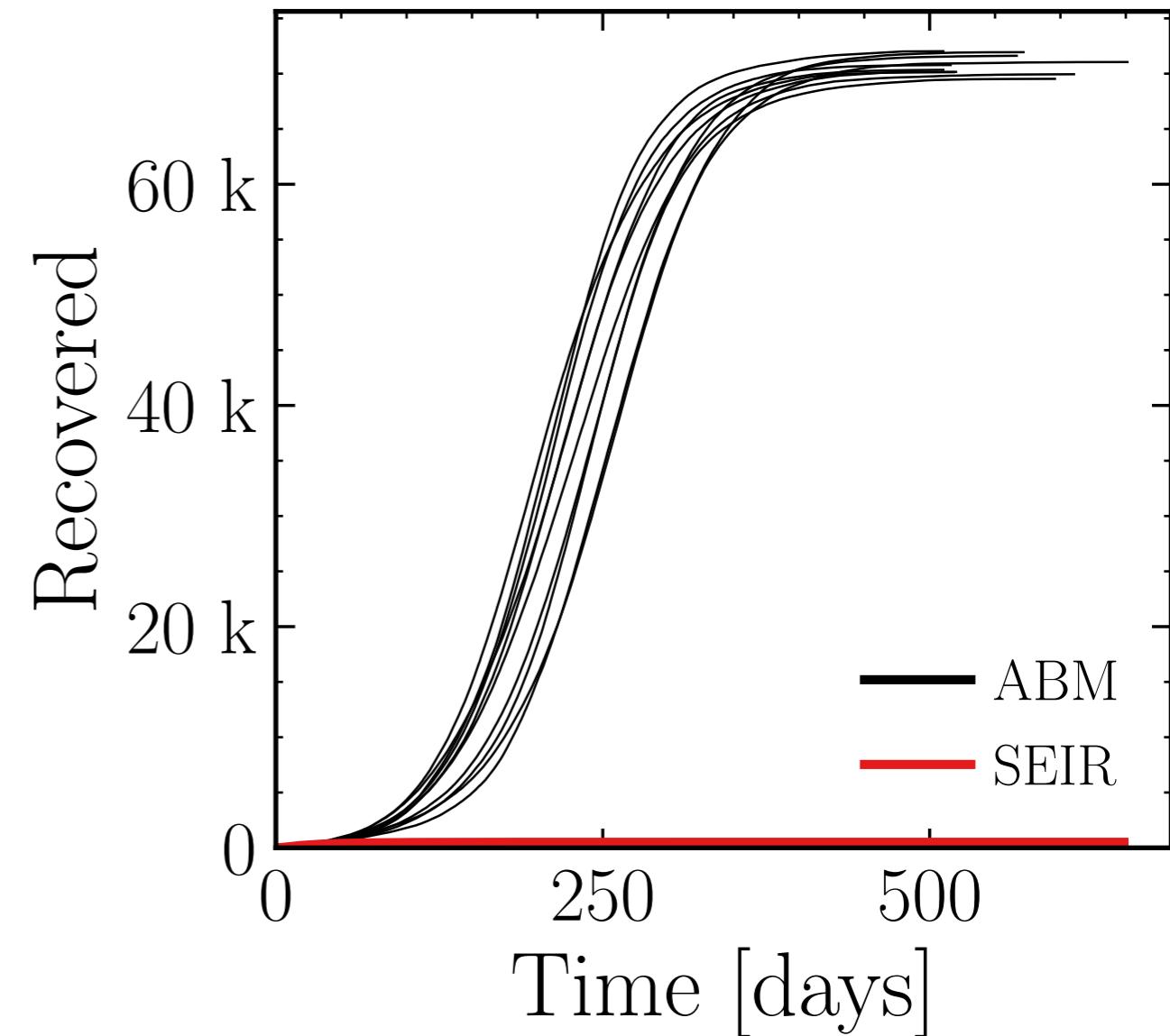
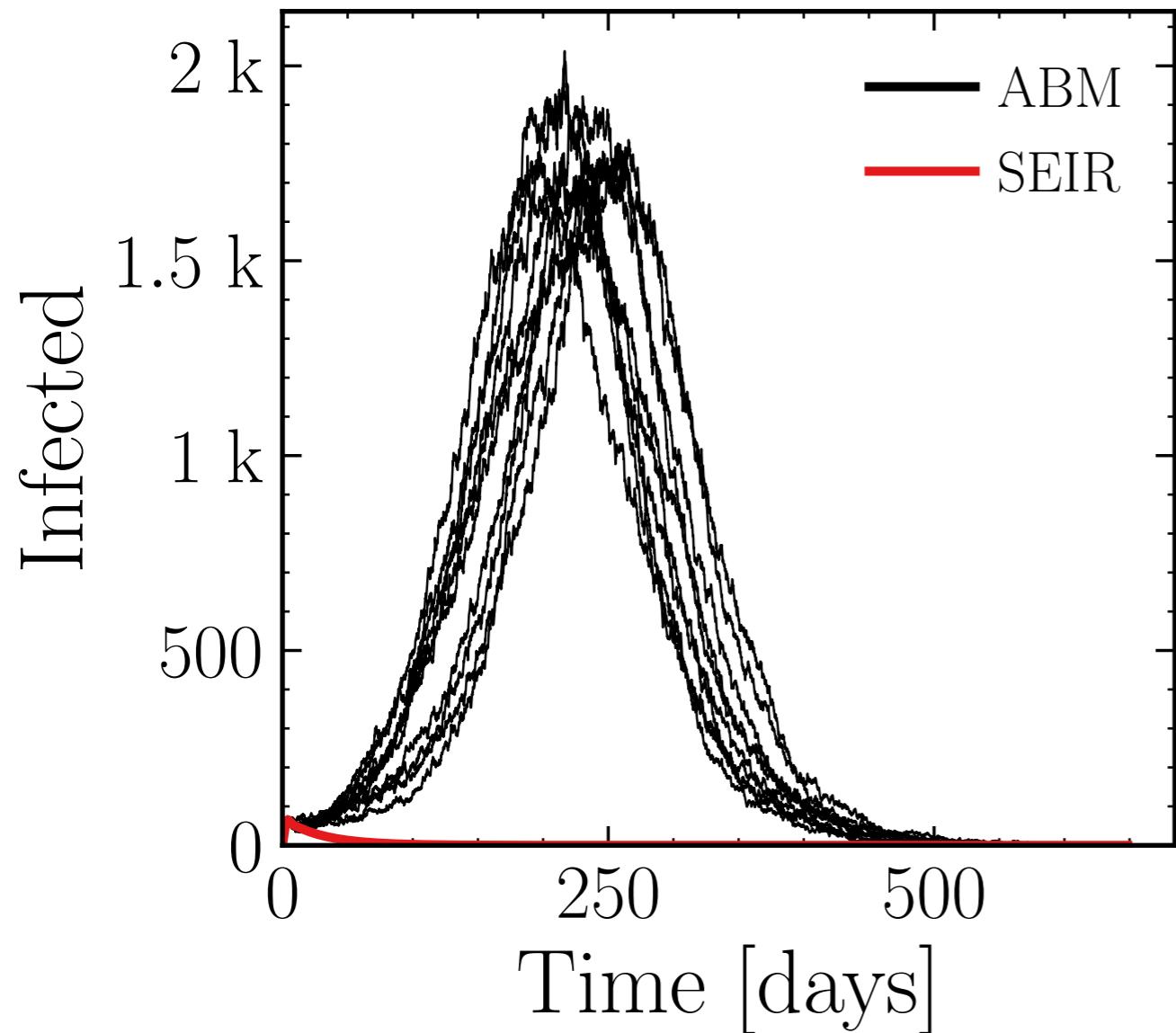
$I_{\text{max}}^{\text{ABM}} = (71 \pm 2.8\%)$.

v. = 1.0, hash = 07436c3b59, #10

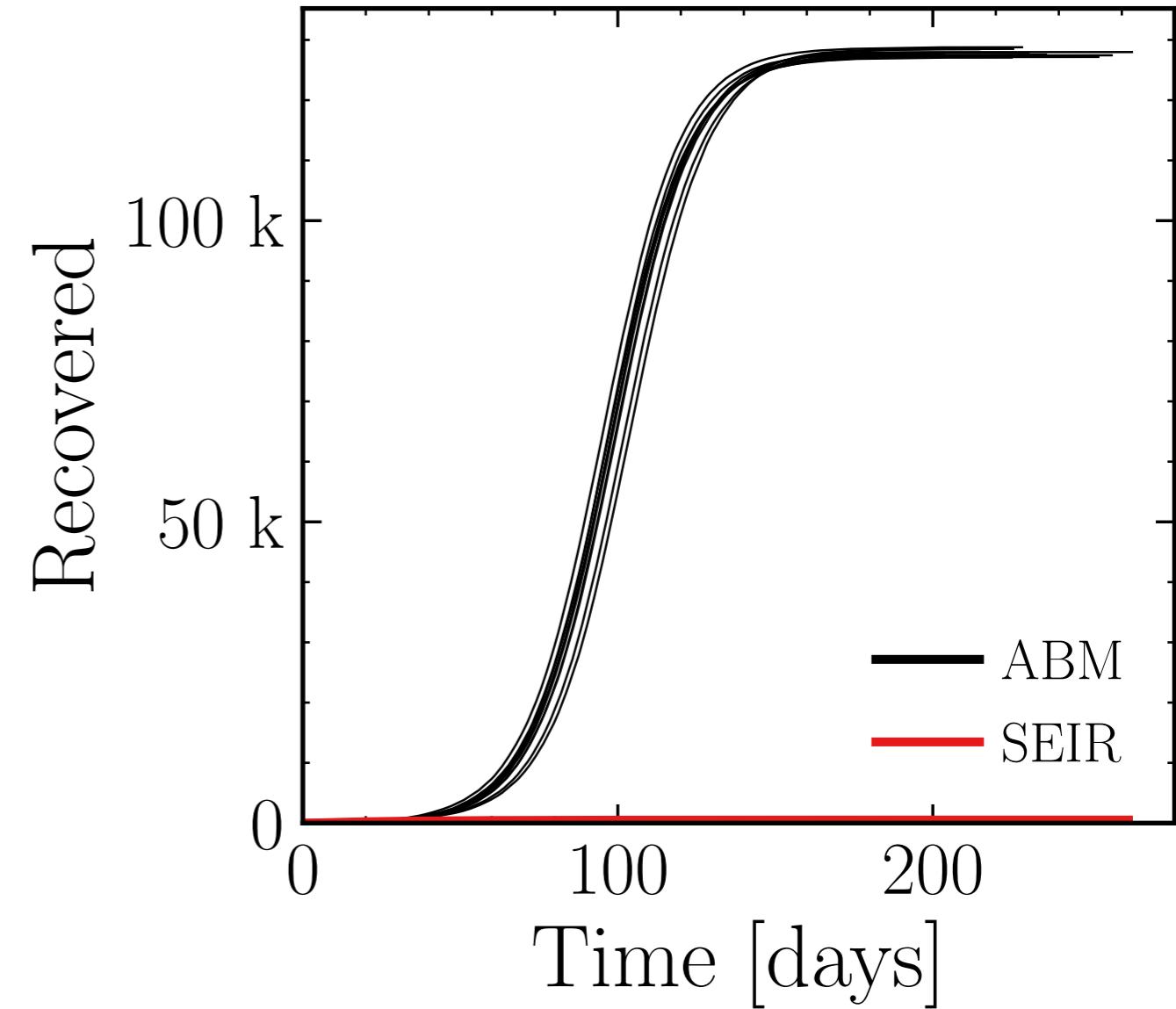
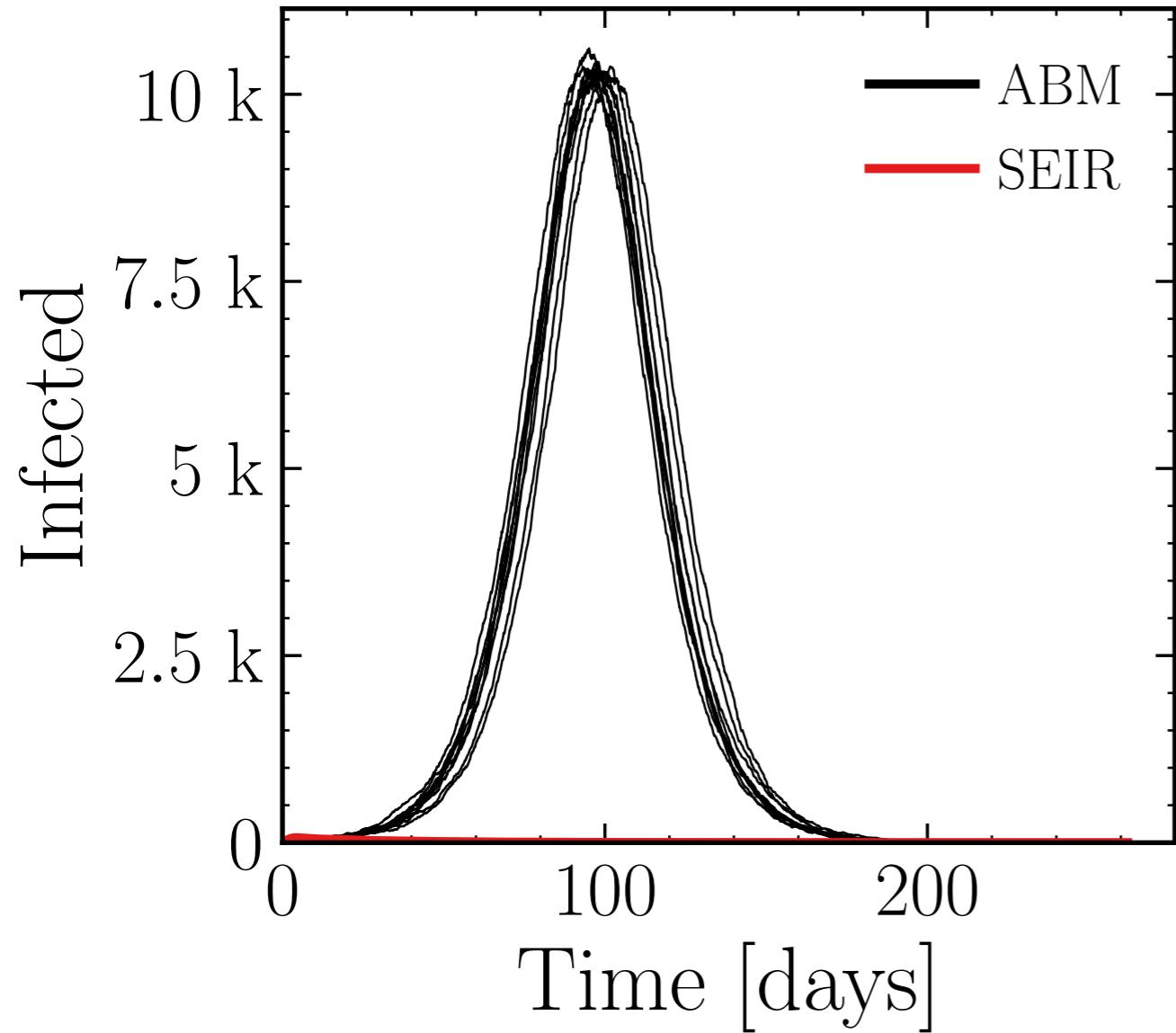
$R_{\infty}^{\text{ABM}} = (450 \pm 6.0\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (1.82 \pm 2.1\%) \cdot 10^3$ v. = 1.0, hash = 2d99e5f5cf, #10 $R_\infty^{\text{ABM}} = (70.8 \pm 0.37\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (10.34 \pm 0.38\%) \cdot 10^3$ v. = 1.0, hash = 4f4513958f, #10 $R_\infty^{\text{ABM}} = (127.9 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

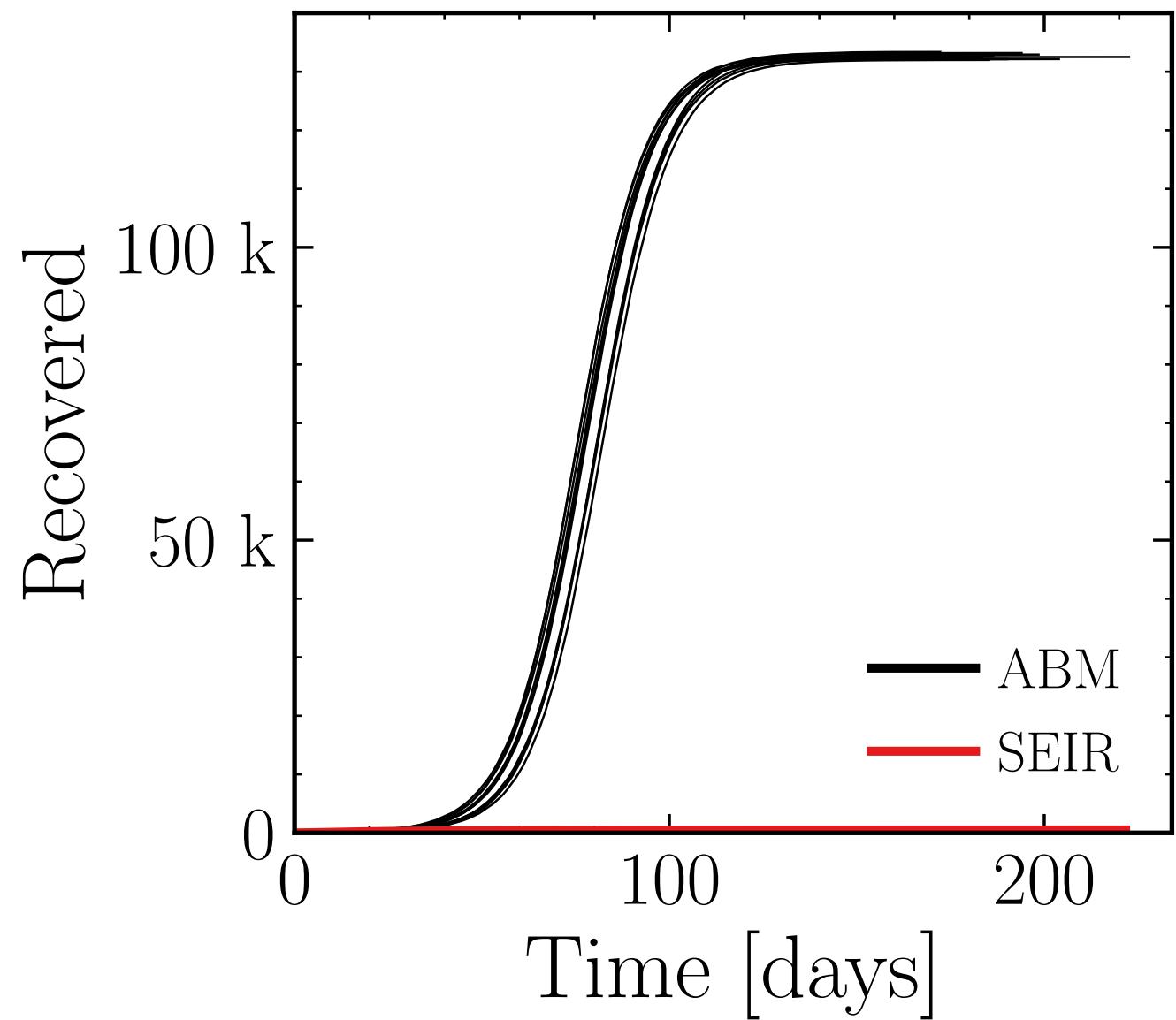
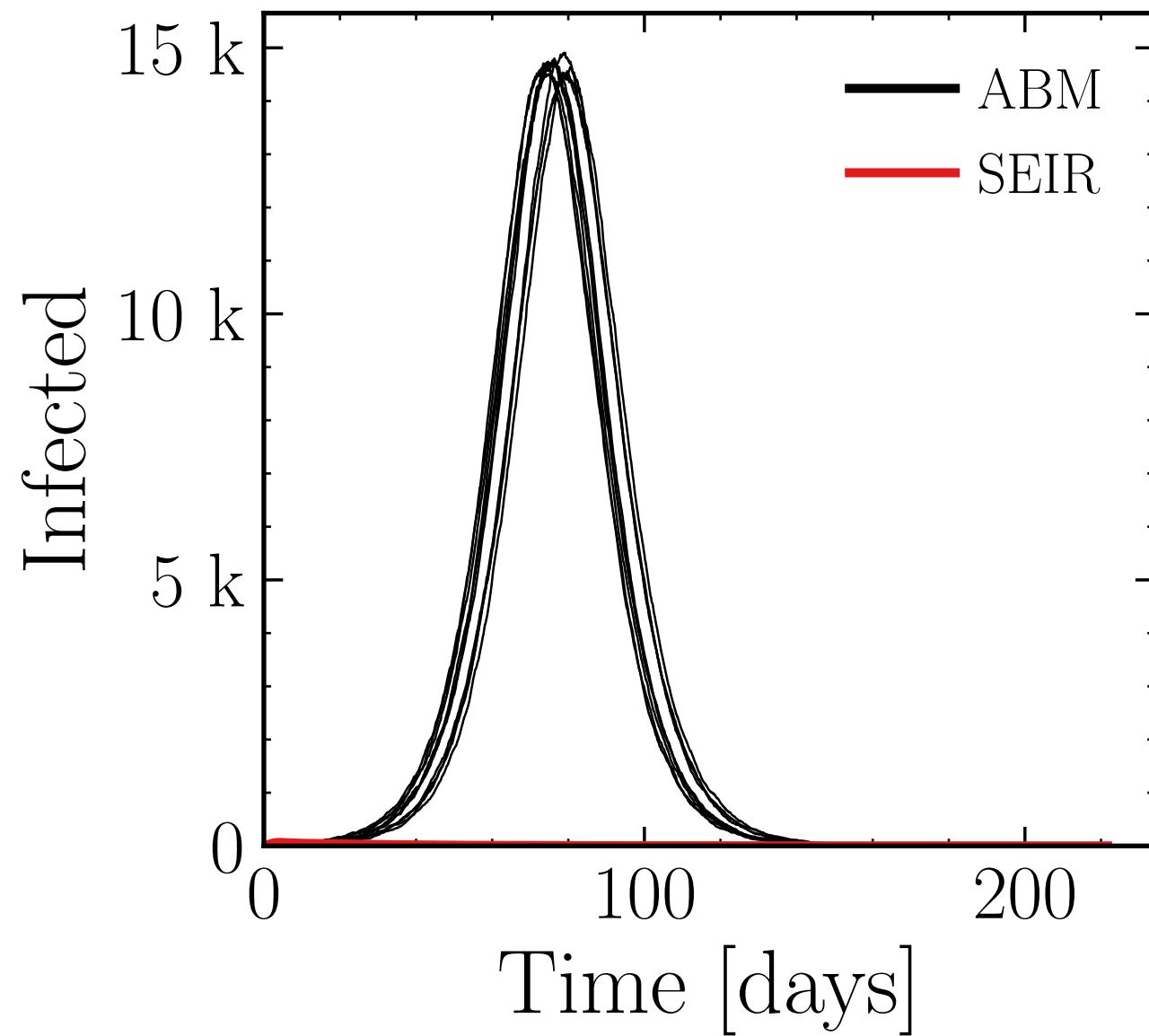
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (14.67 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = 2da0eb8285, #10

$R_{\infty}^{\text{ABM}} = (132.6 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

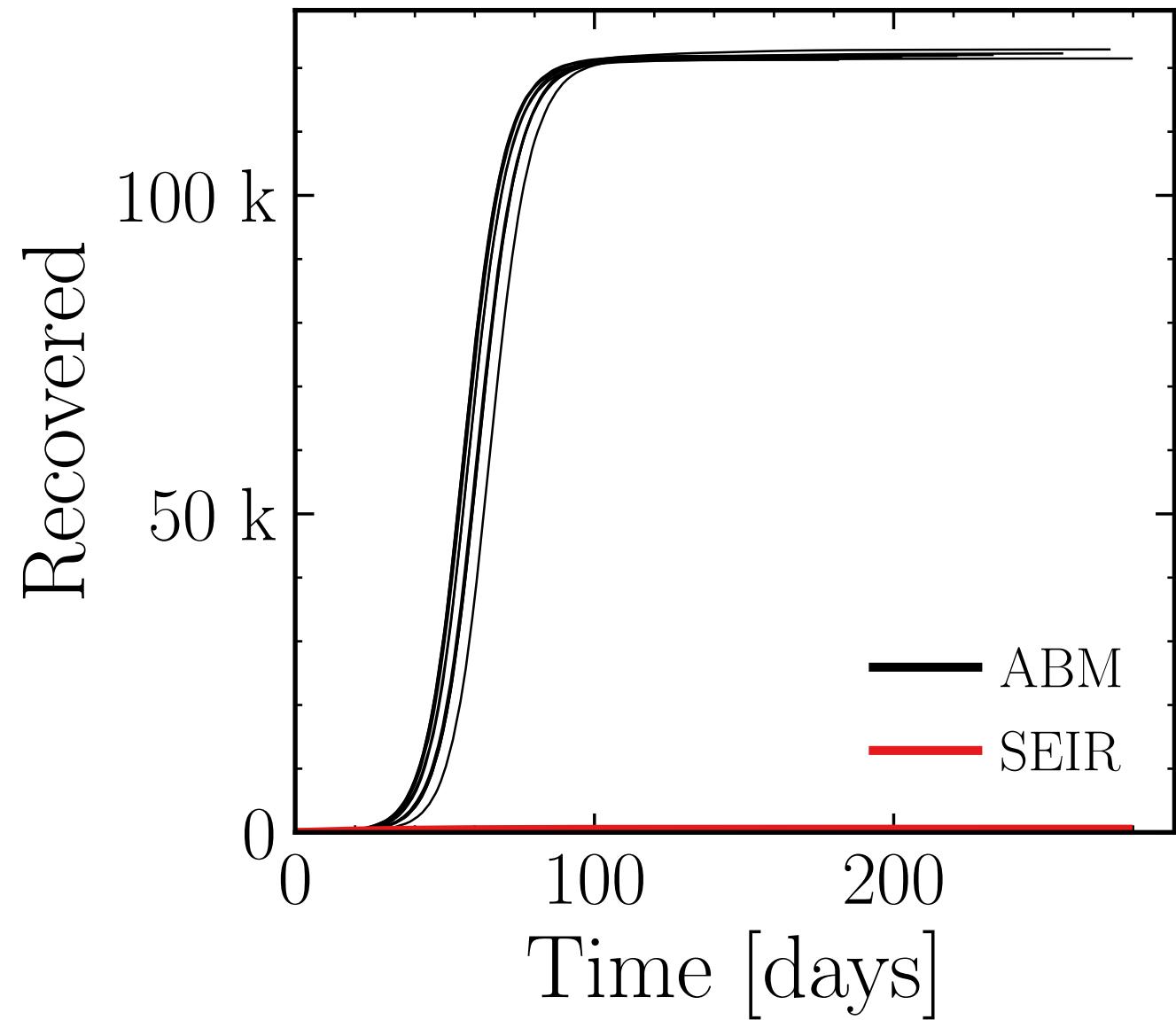
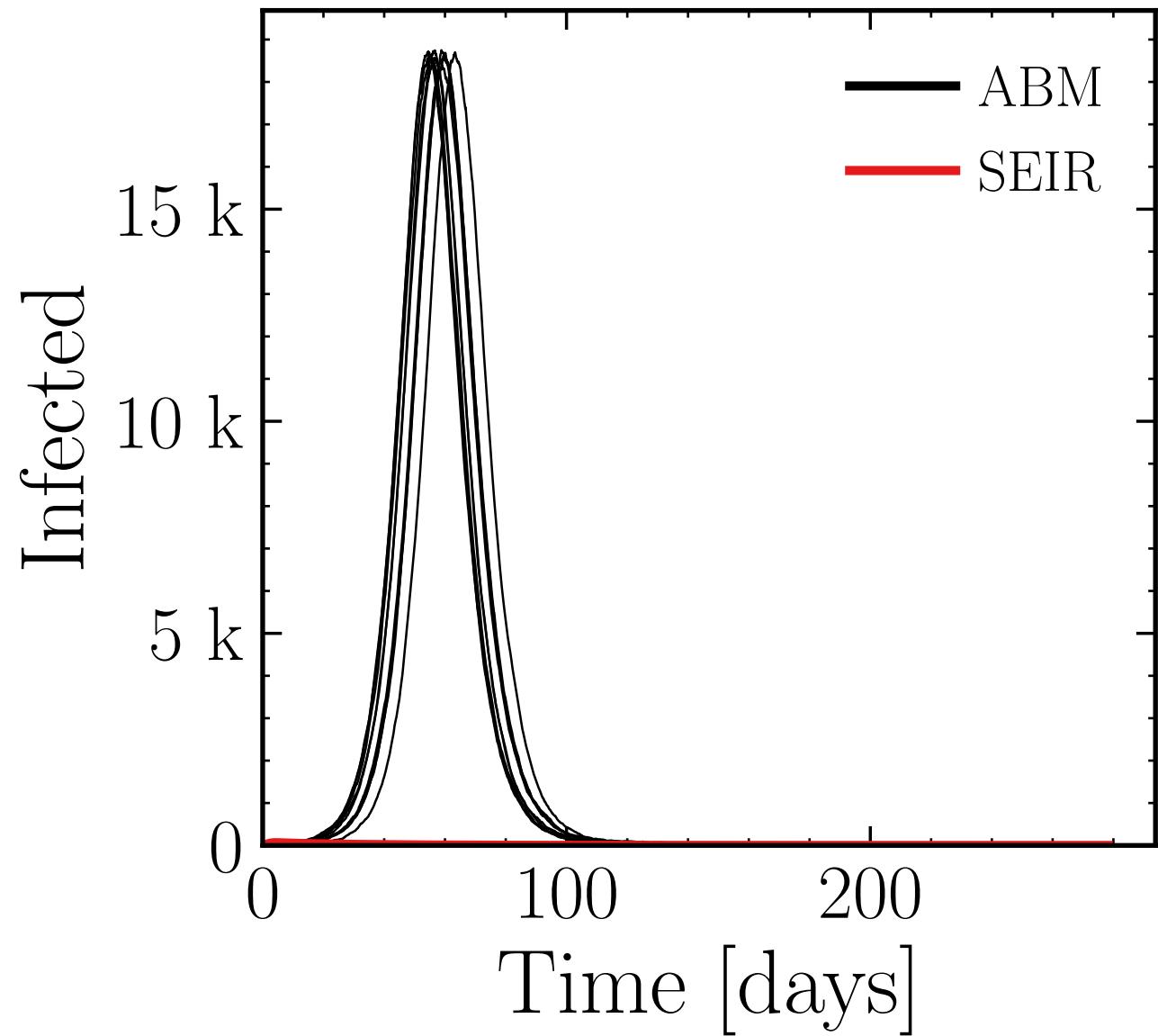
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (18.64 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = ebe416300f, #10

$R_\infty^{\text{ABM}} = (121.9 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

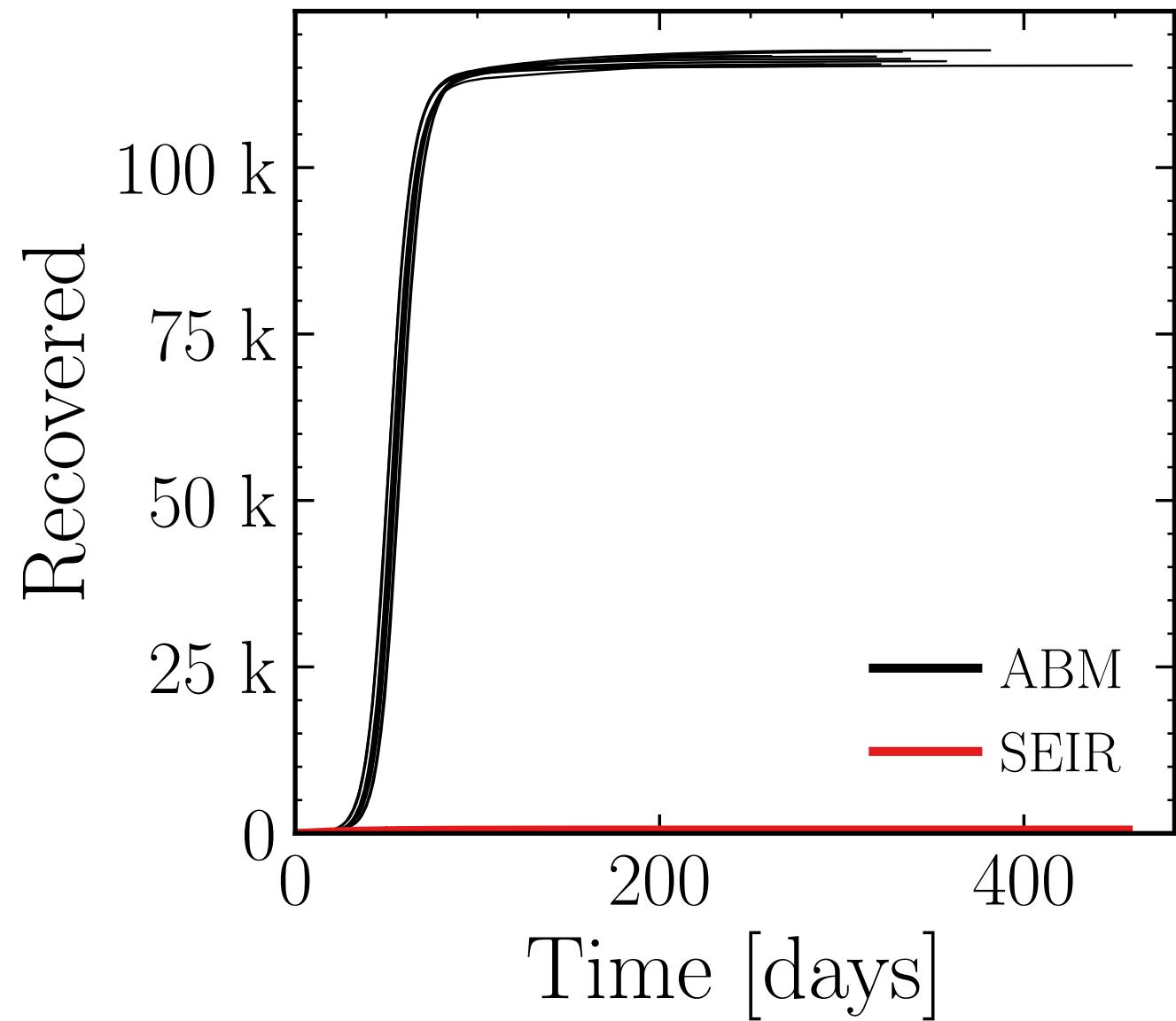
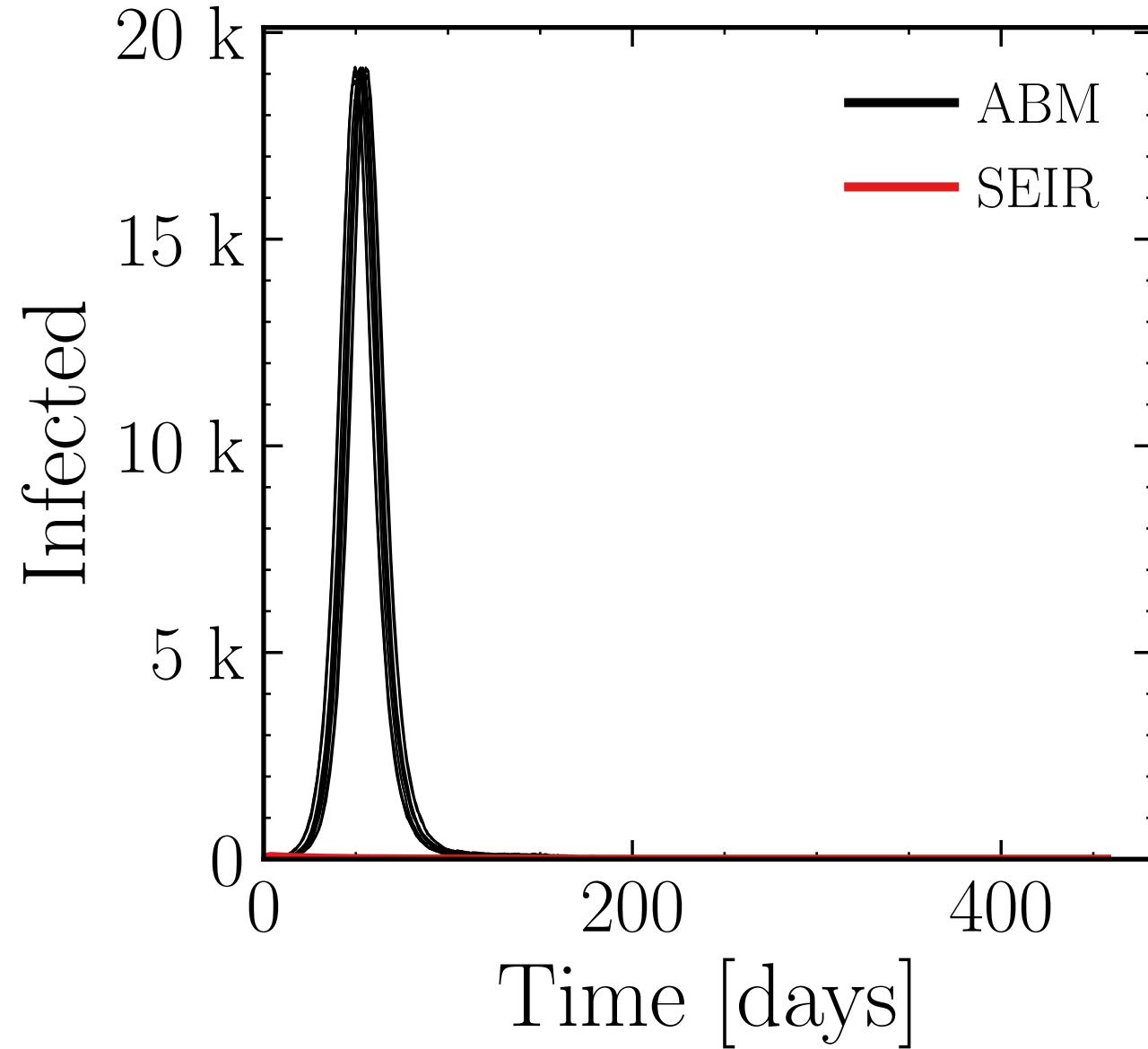
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

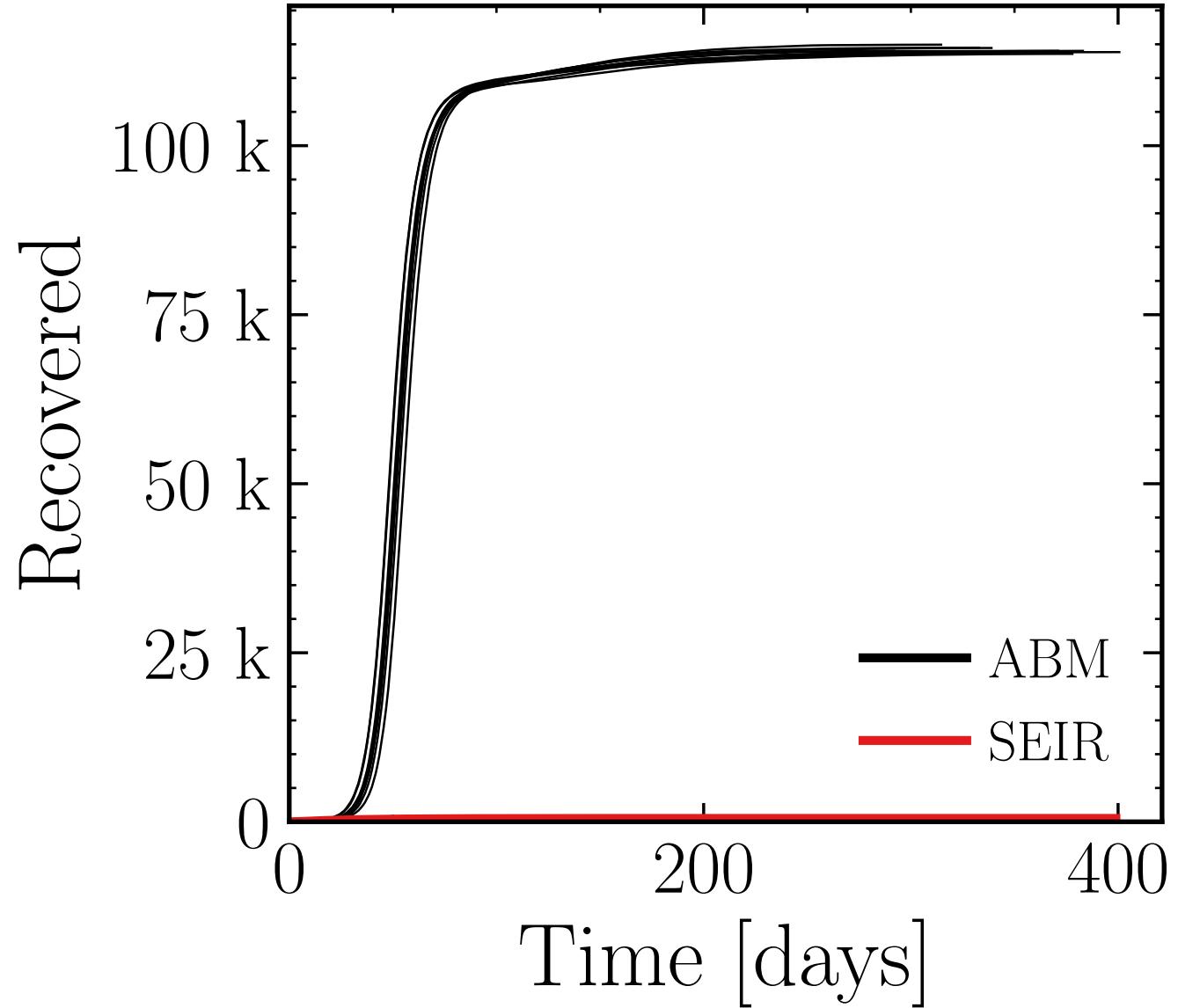
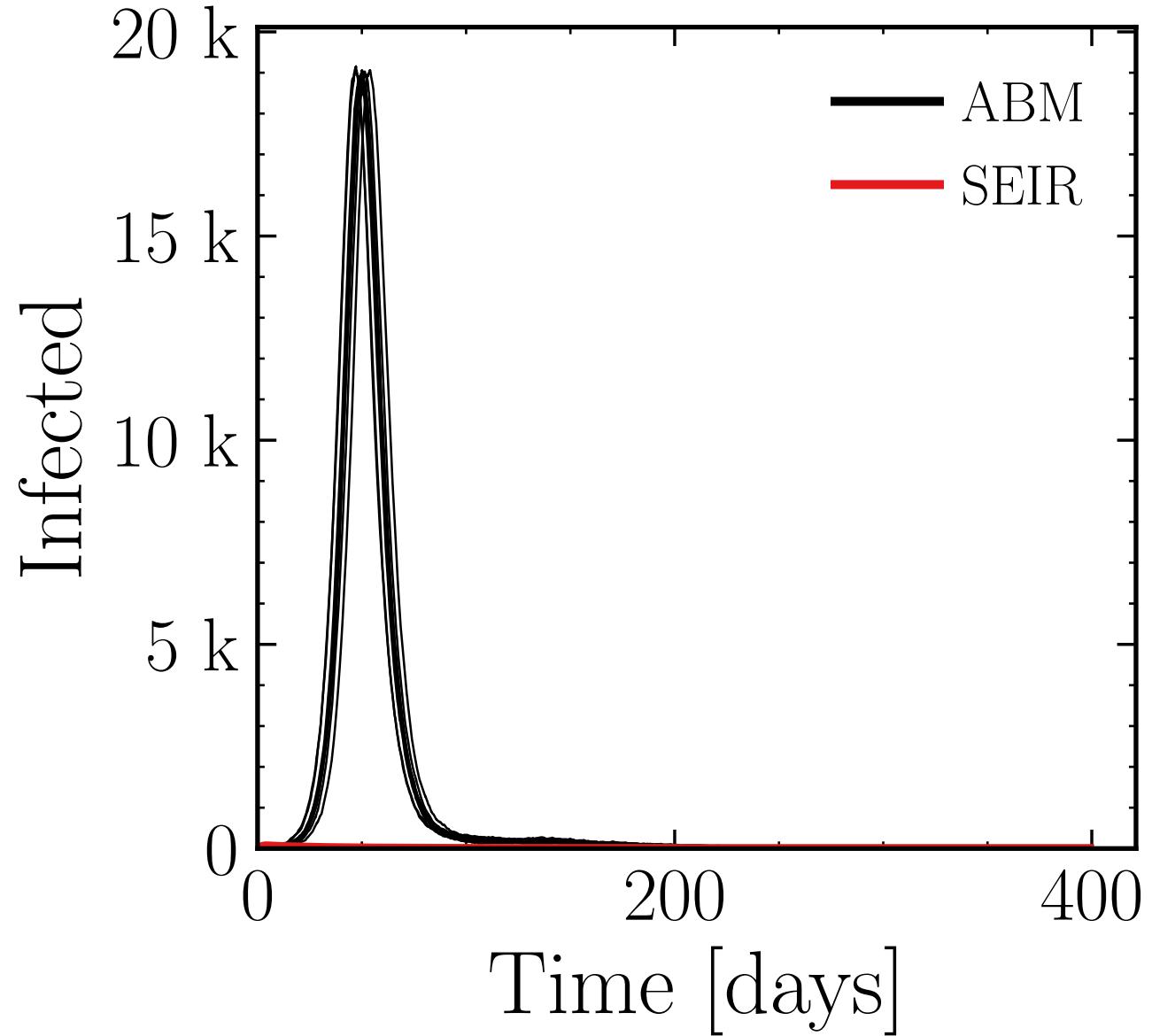
$I_{\text{max}}^{\text{ABM}} = (19.06 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 3a603672b3, #10

$R_\infty^{\text{ABM}} = (116.2 \pm 0.22\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (18.97 \pm 0.23\%) \cdot 10^3$ v. = 1.0, hash = 09e0ecffd6, #10
 $R_\infty^{\text{ABM}} = (114.1 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

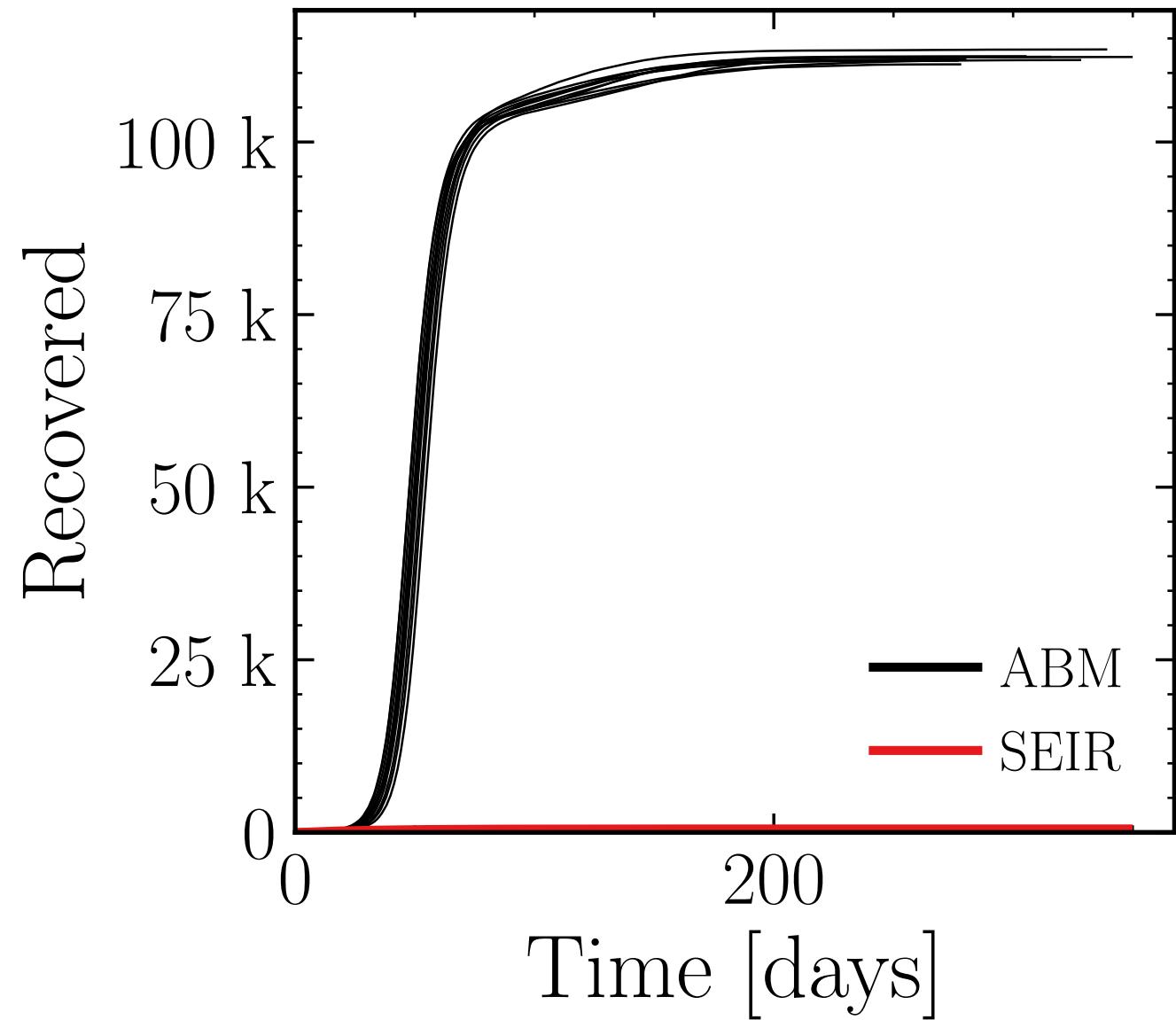
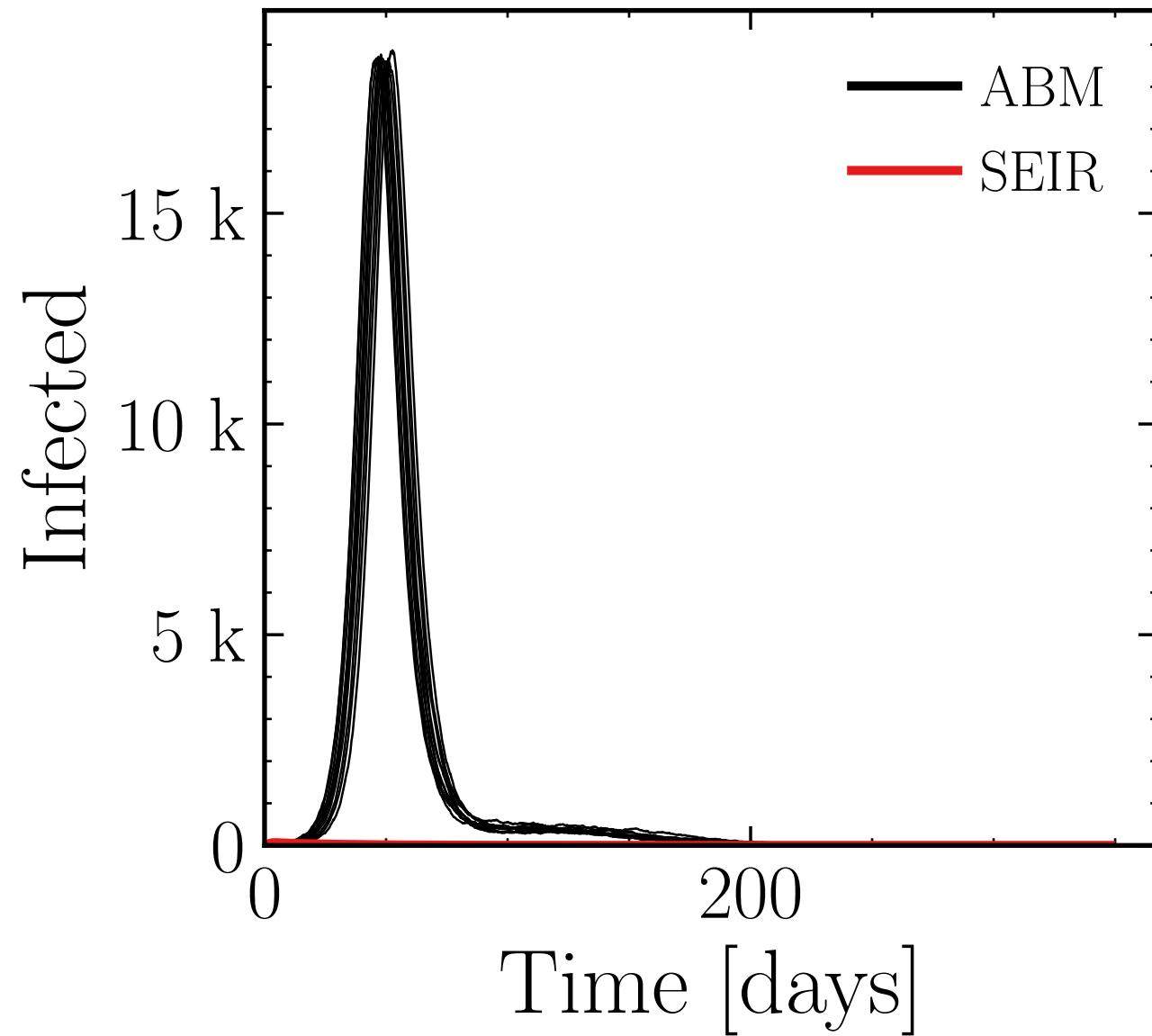
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (18.68 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 29800430f9, #10

$R_\infty^{\text{ABM}} = (112.1 \pm 0.16\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

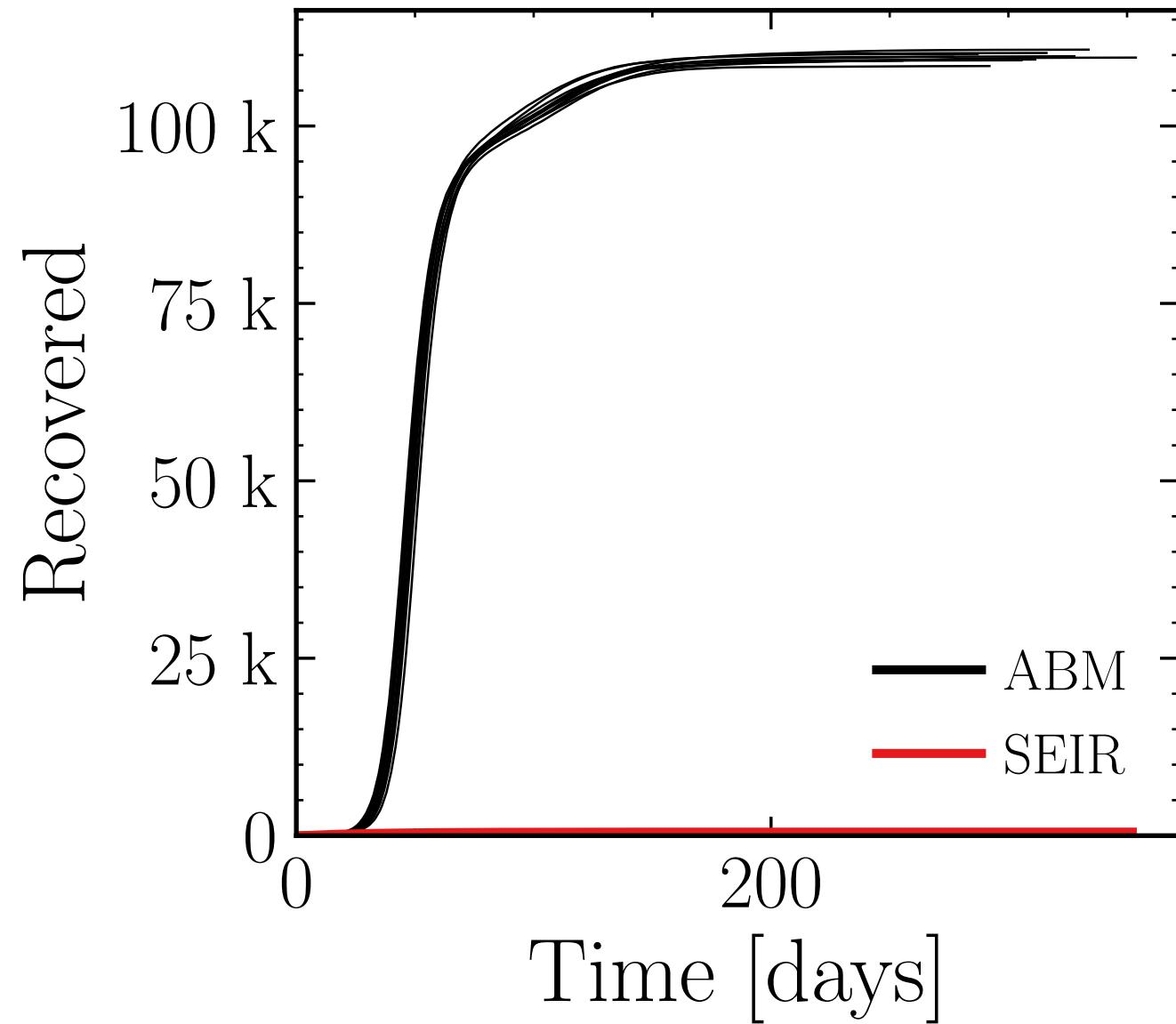
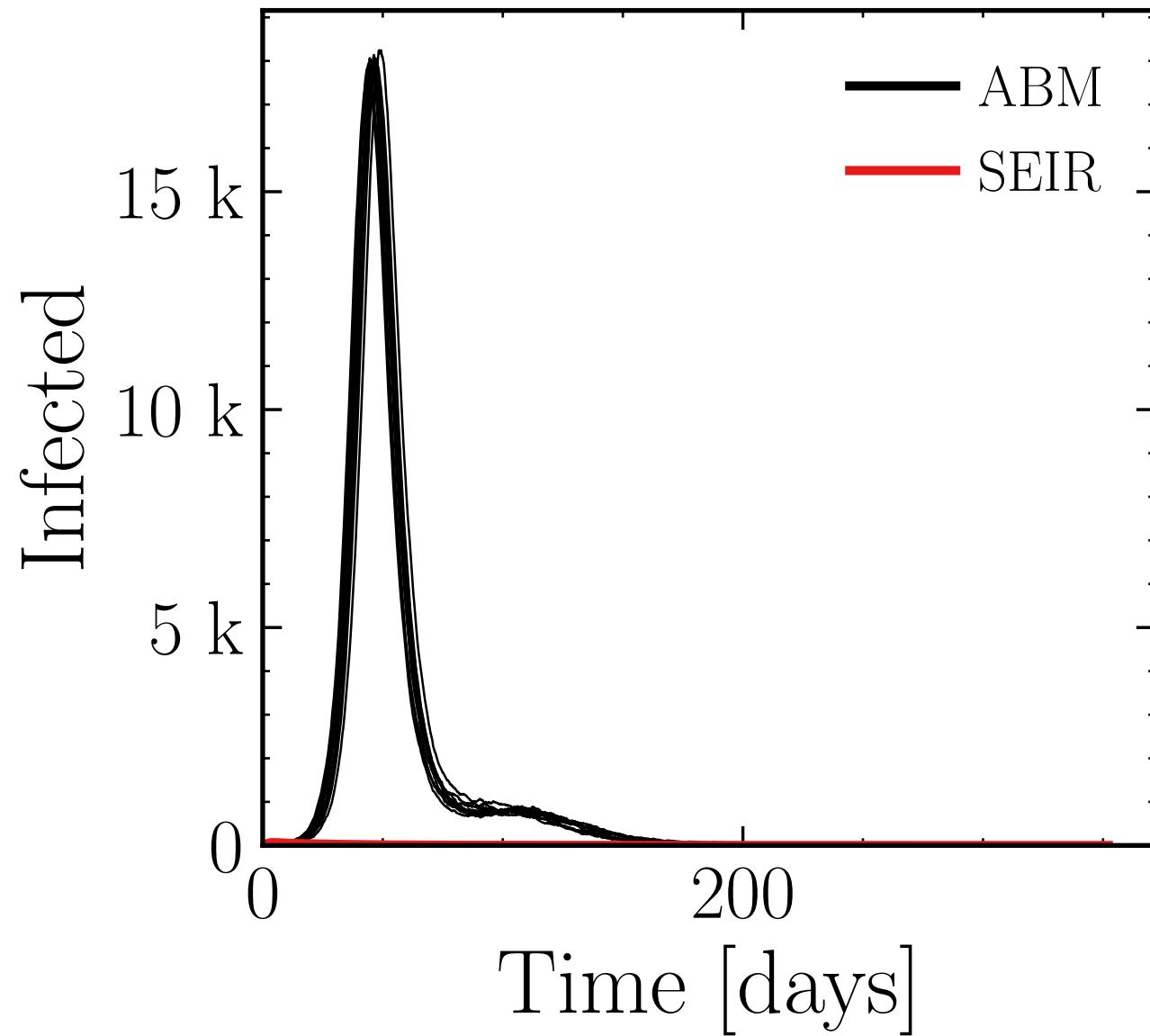
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (18 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 382294a5b2, #10

$R_\infty^{\text{ABM}} = (109.7 \pm 0.18\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

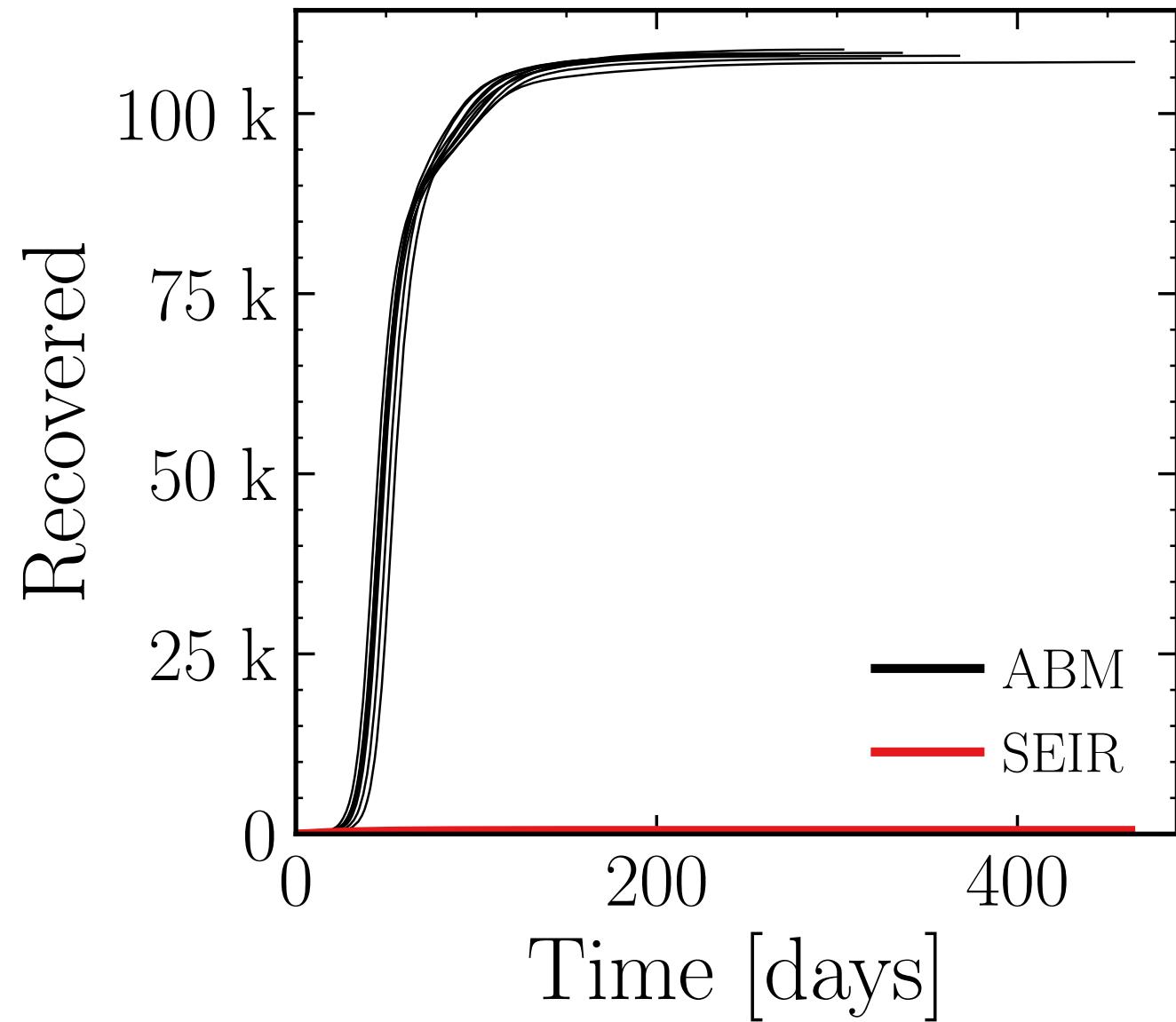
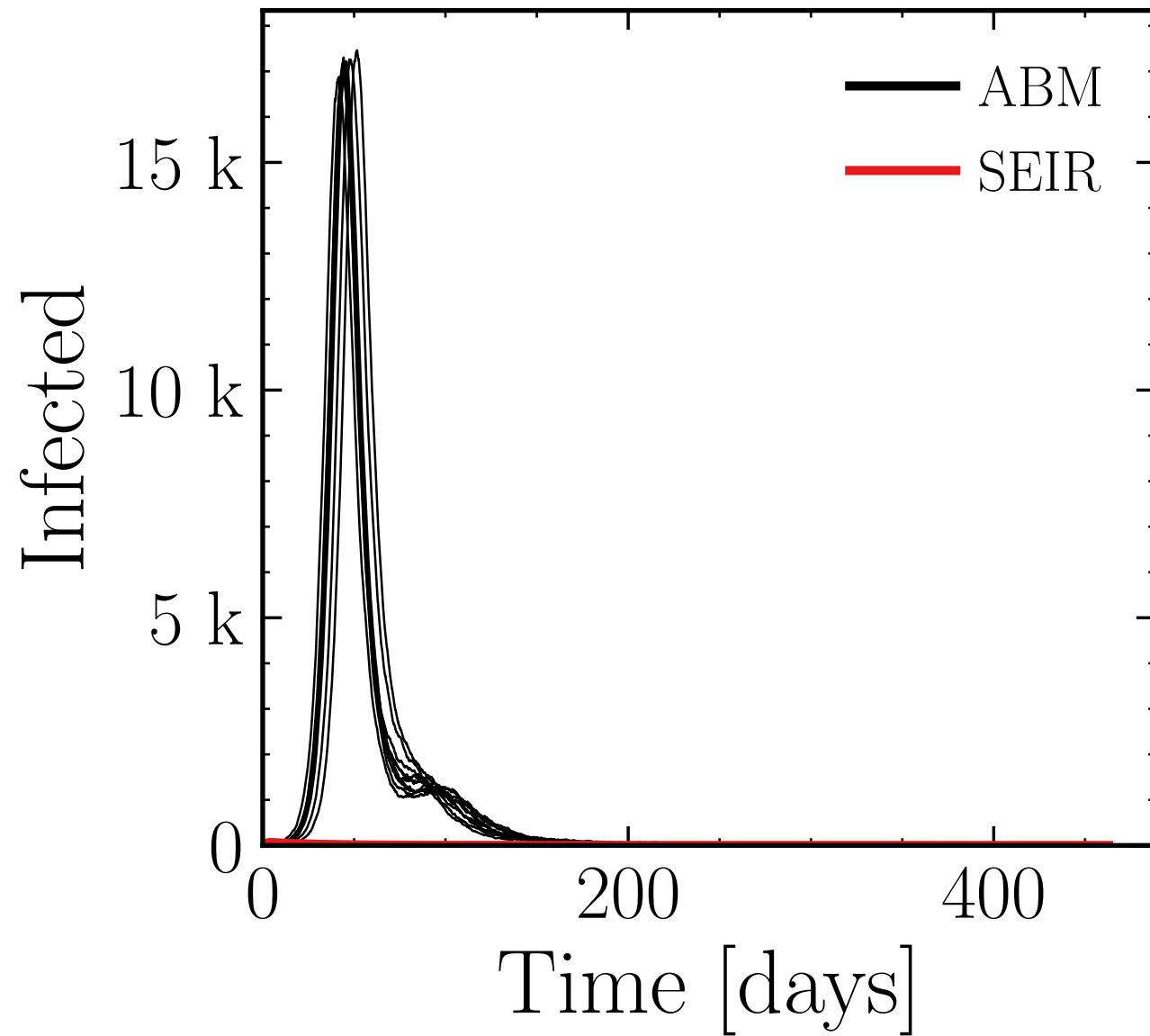
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (17.19 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = ca207efc12, #10

$R_\infty^{\text{ABM}} = (108.1 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

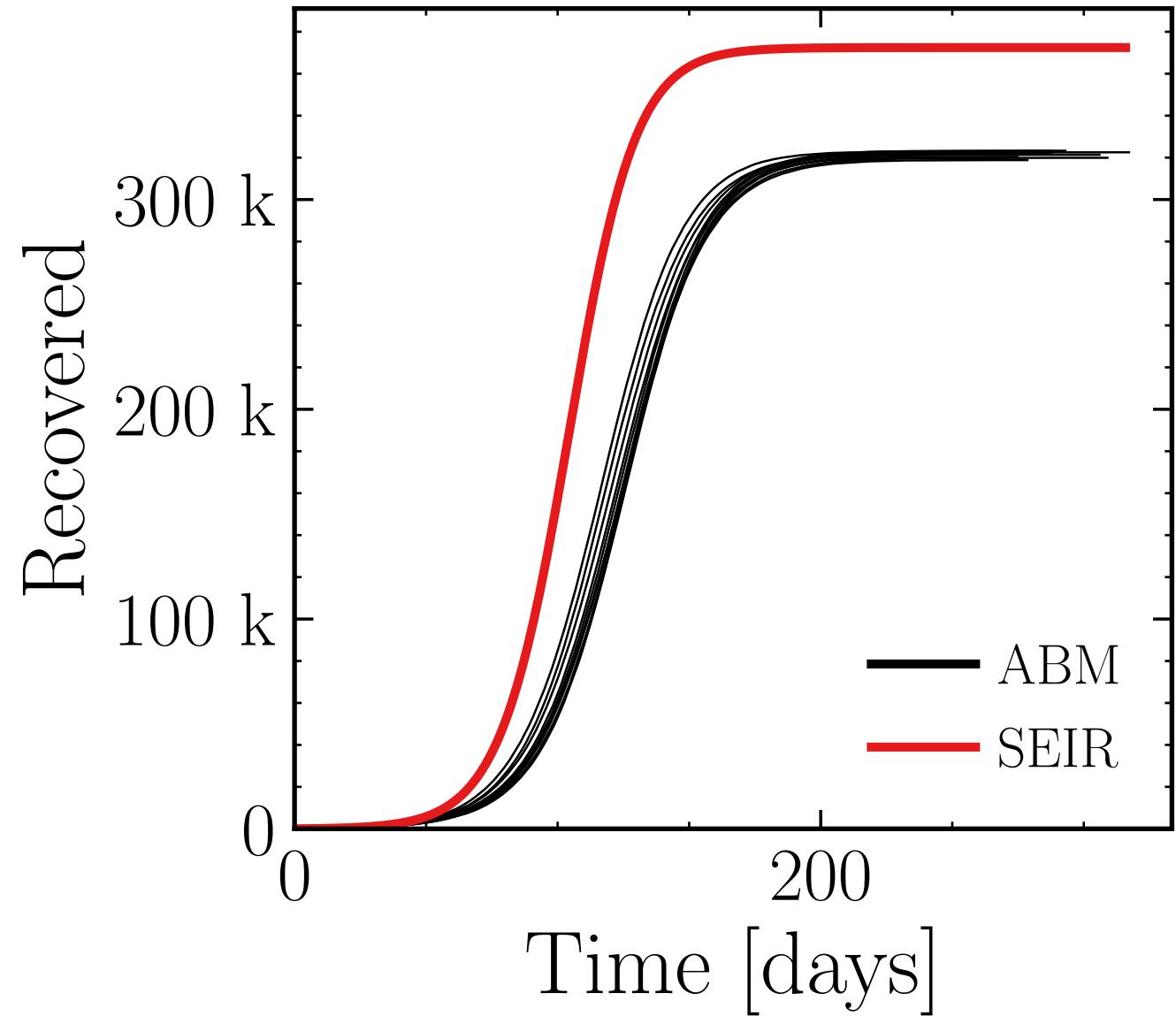
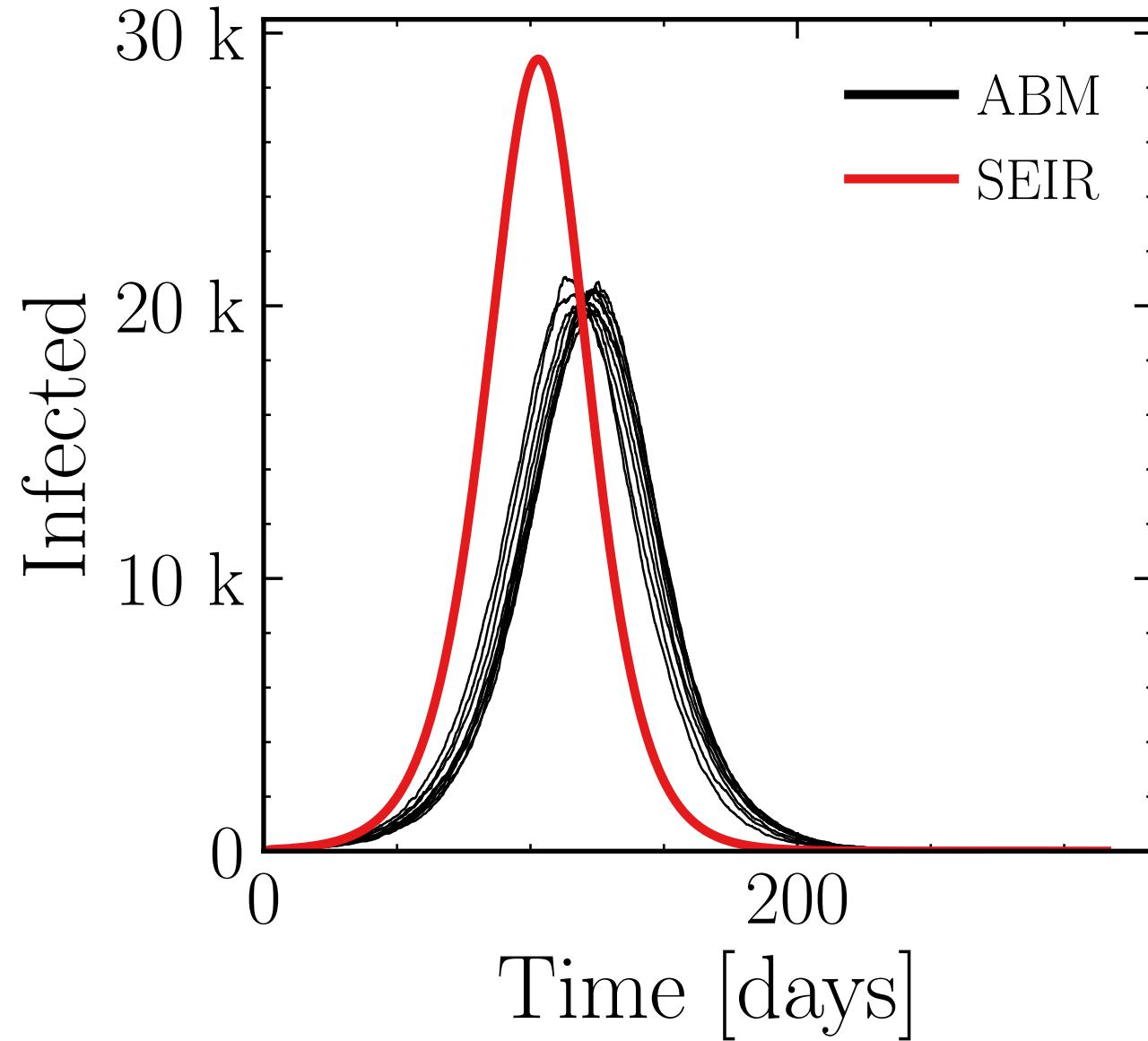
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (20.4 \pm 0.61\%) \cdot 10^3$

v. = 1.0, hash = 55bef4b8c7, #10

$R_\infty^{\text{ABM}} = (321.5 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

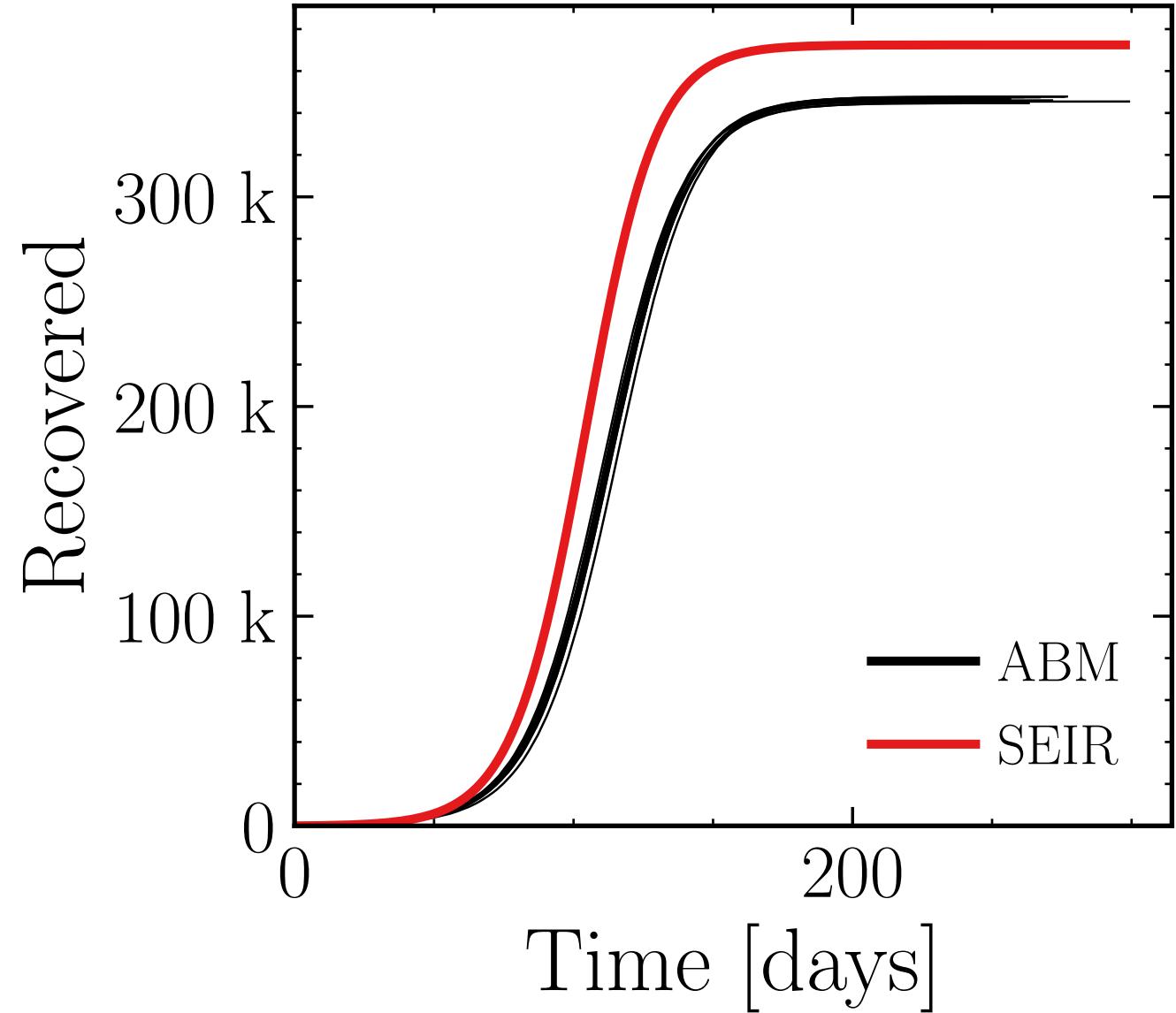
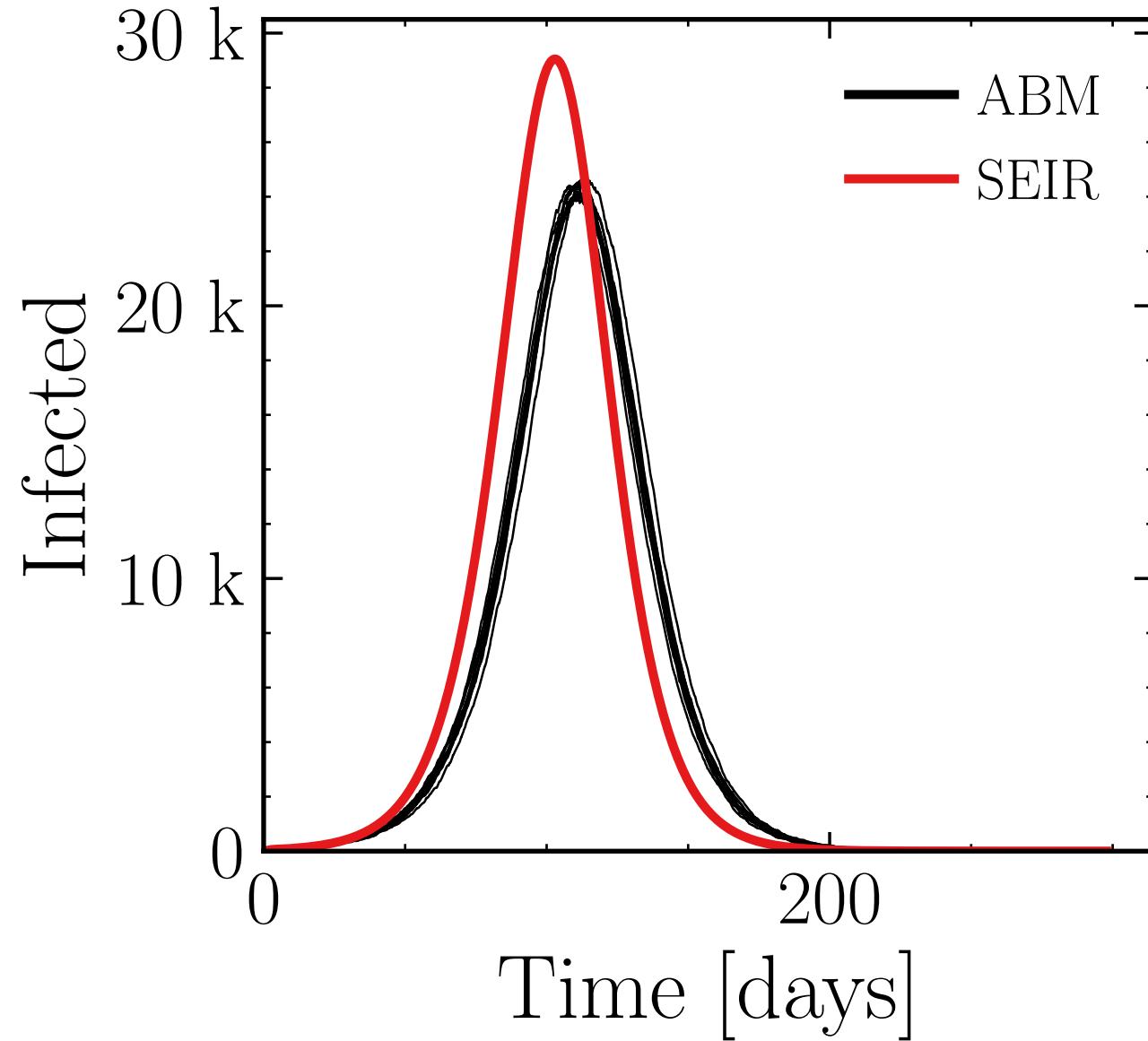
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (24.32 \pm 0.31\%) \cdot 10^3$

v. = 1.0, hash = cc84797eb6, #10

$R_{\infty}^{\text{ABM}} = (346.5 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

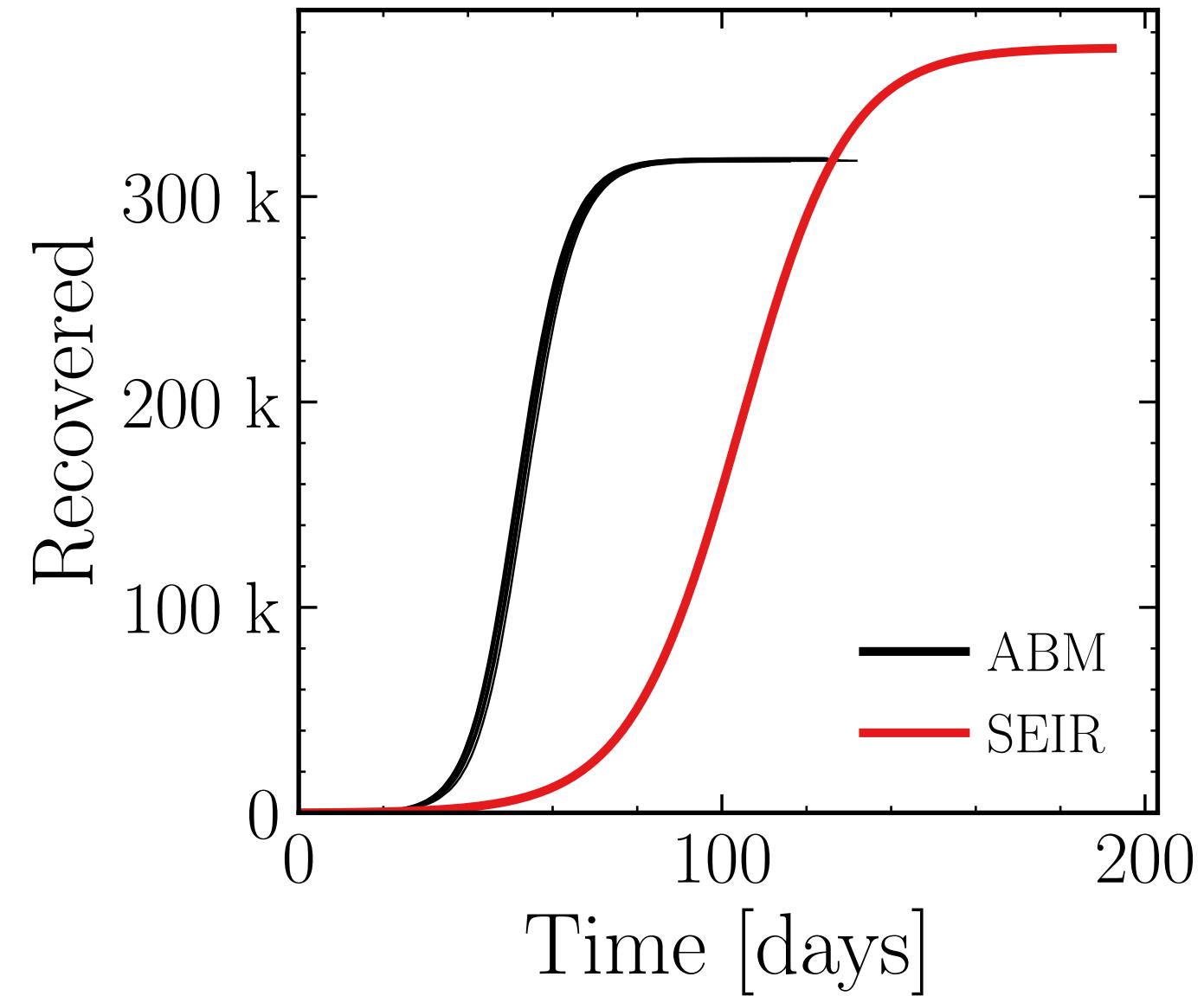
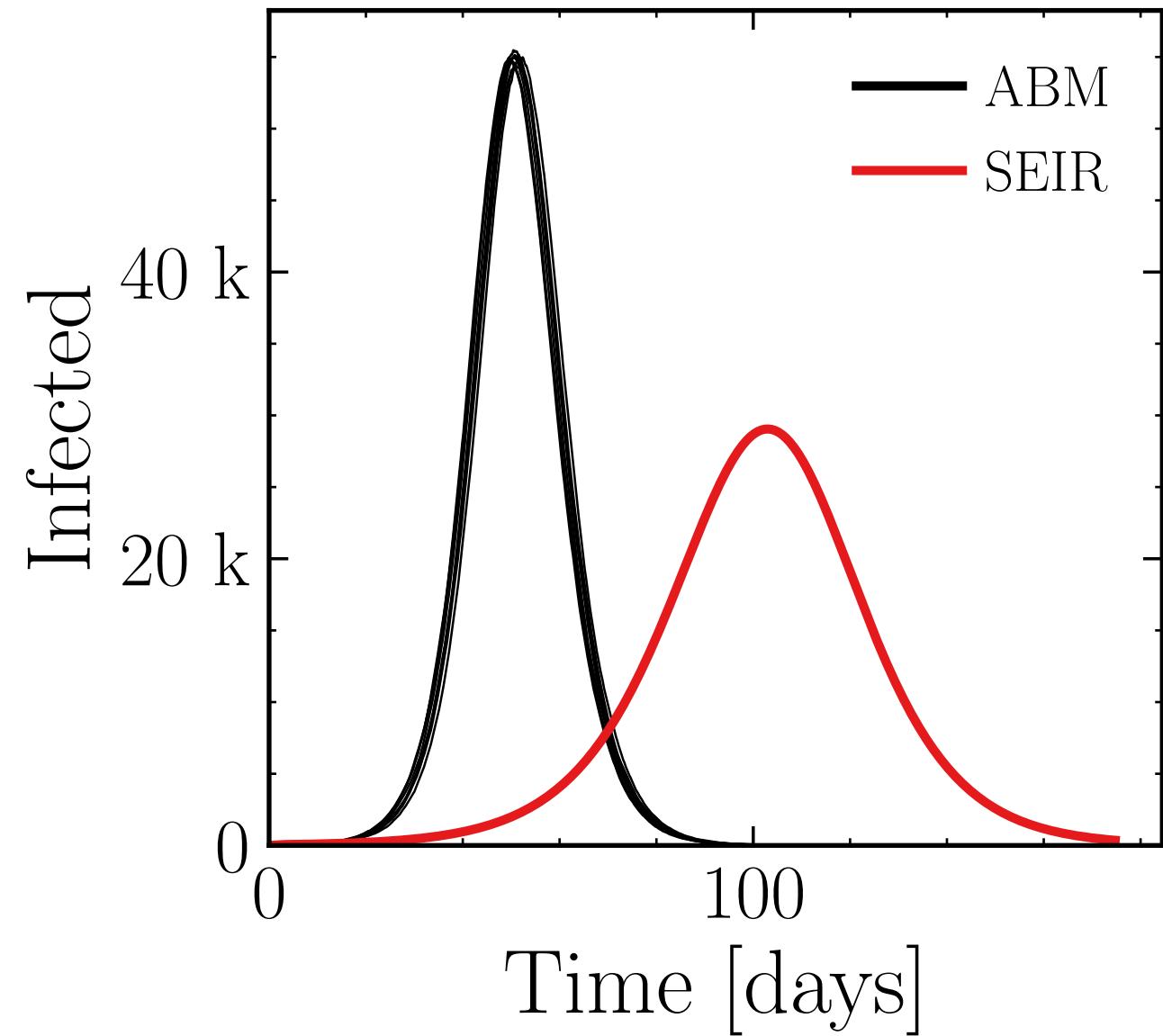
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (54.91 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = f034fe9039, #10

$R_{\infty}^{\text{ABM}} = (317.9 \pm 0.052\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

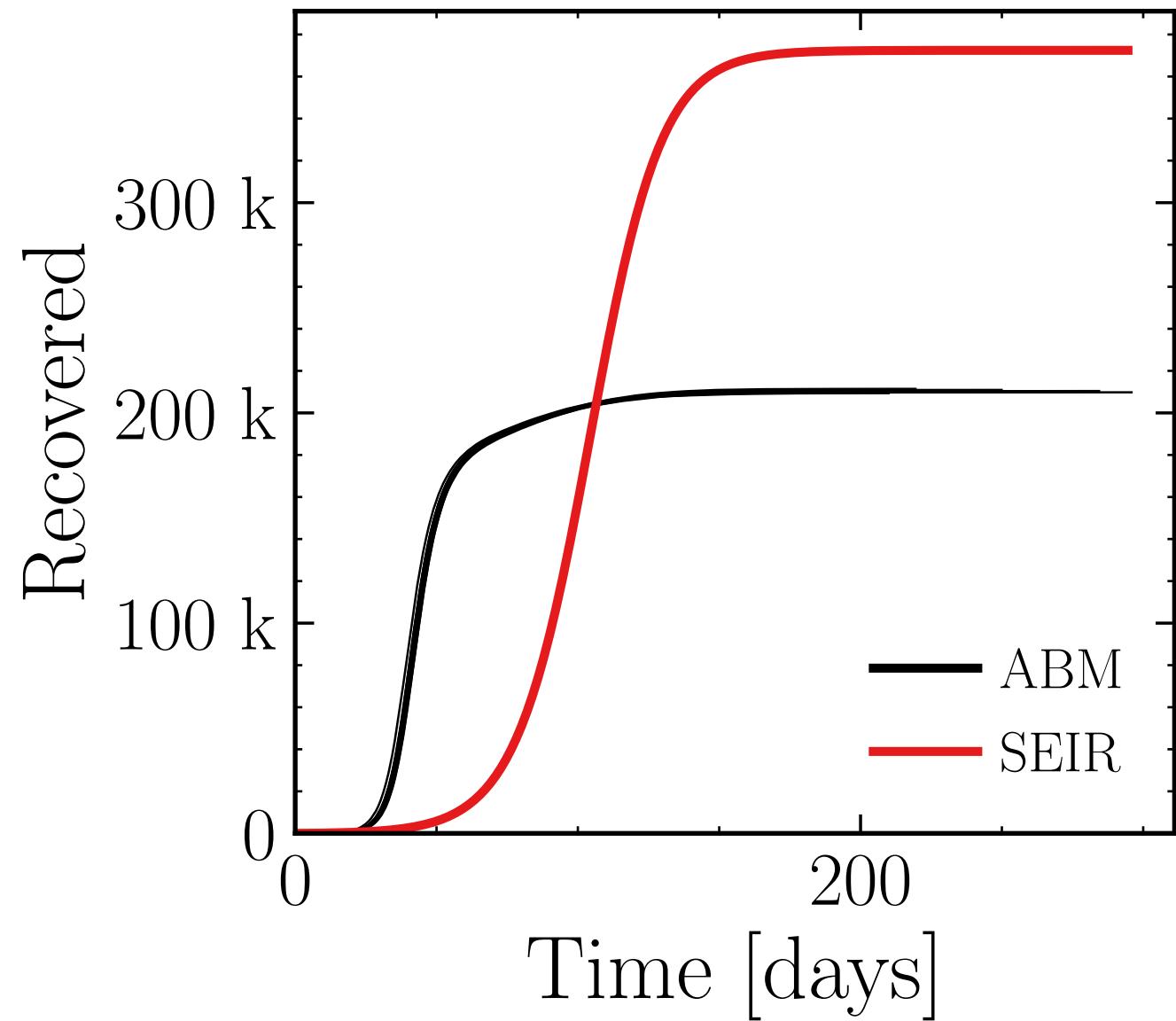
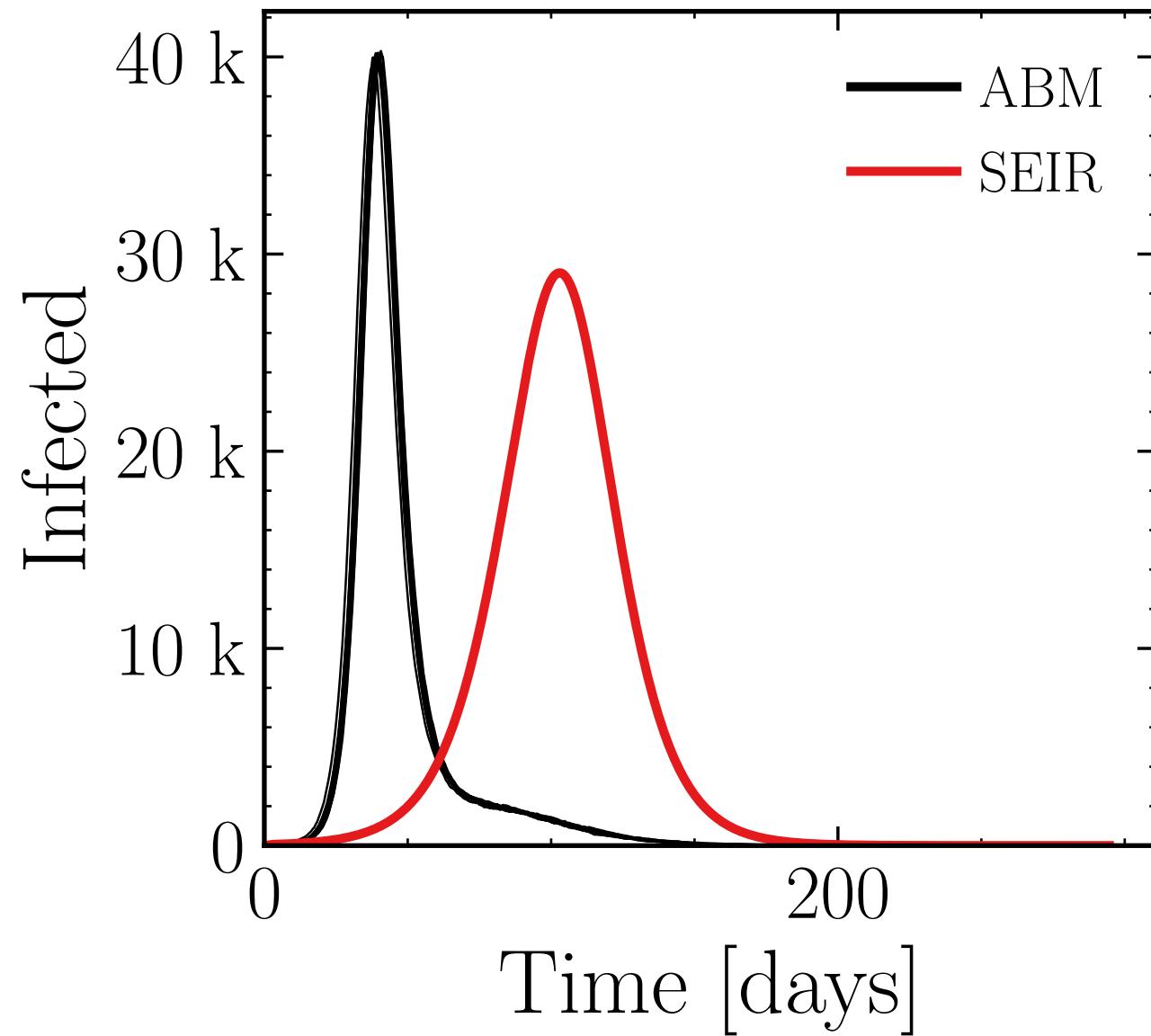
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.07 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 94a59a5ed4, #10

$R_\infty^{\text{ABM}} = (210.3 \pm 0.09\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

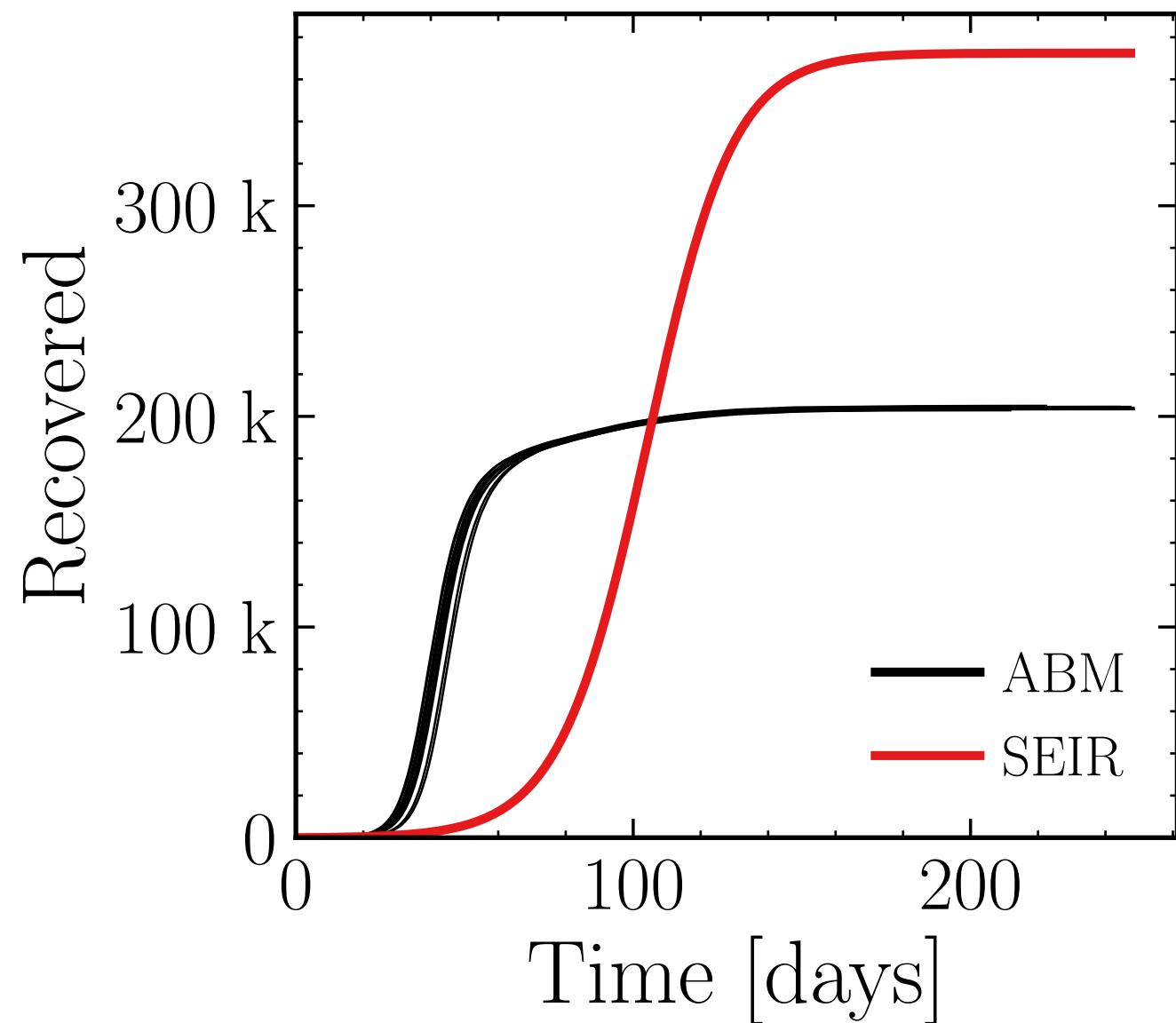
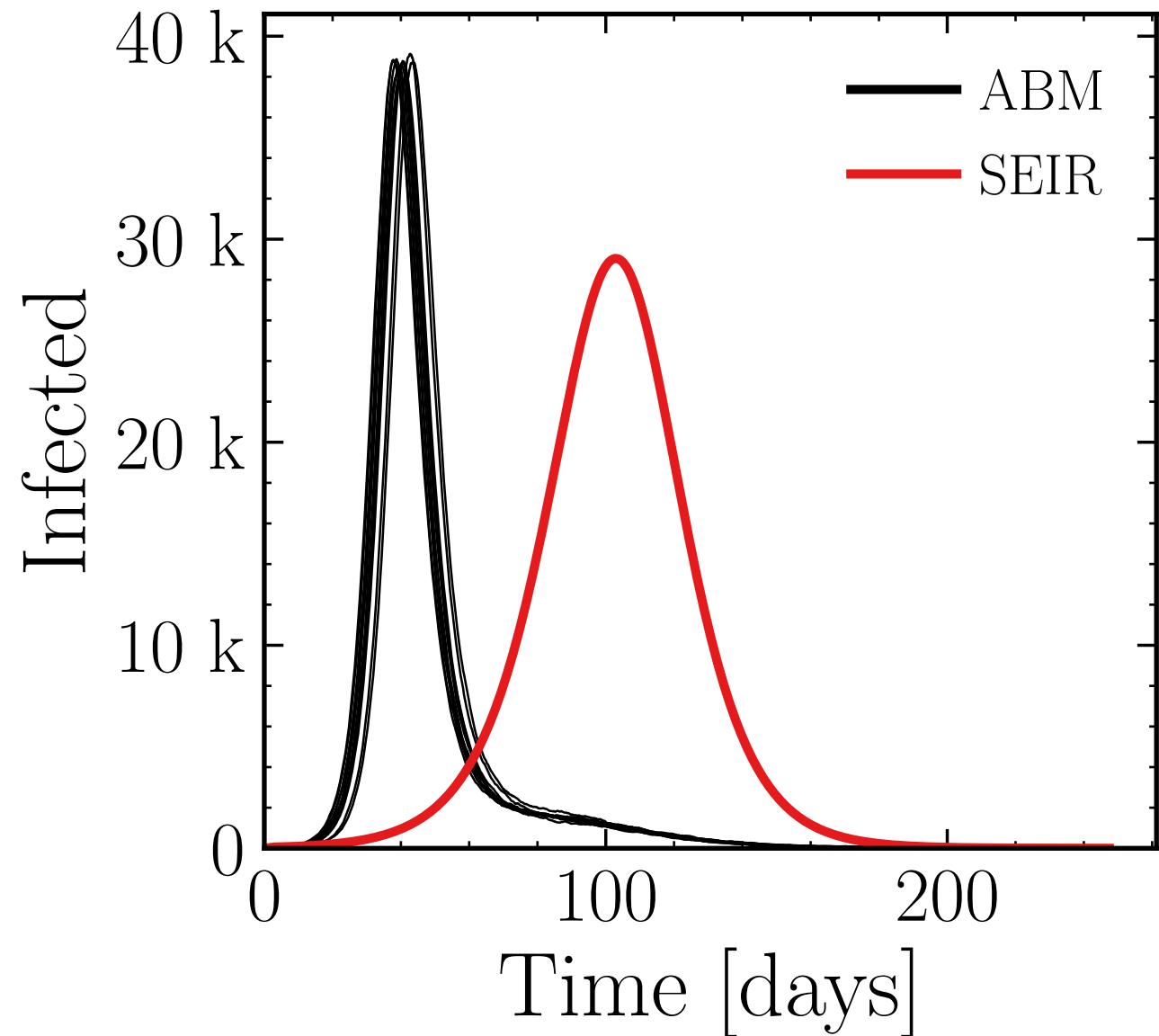
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (38.73 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 38297aa28c, #10

$R_{\infty}^{\text{ABM}} = (204 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

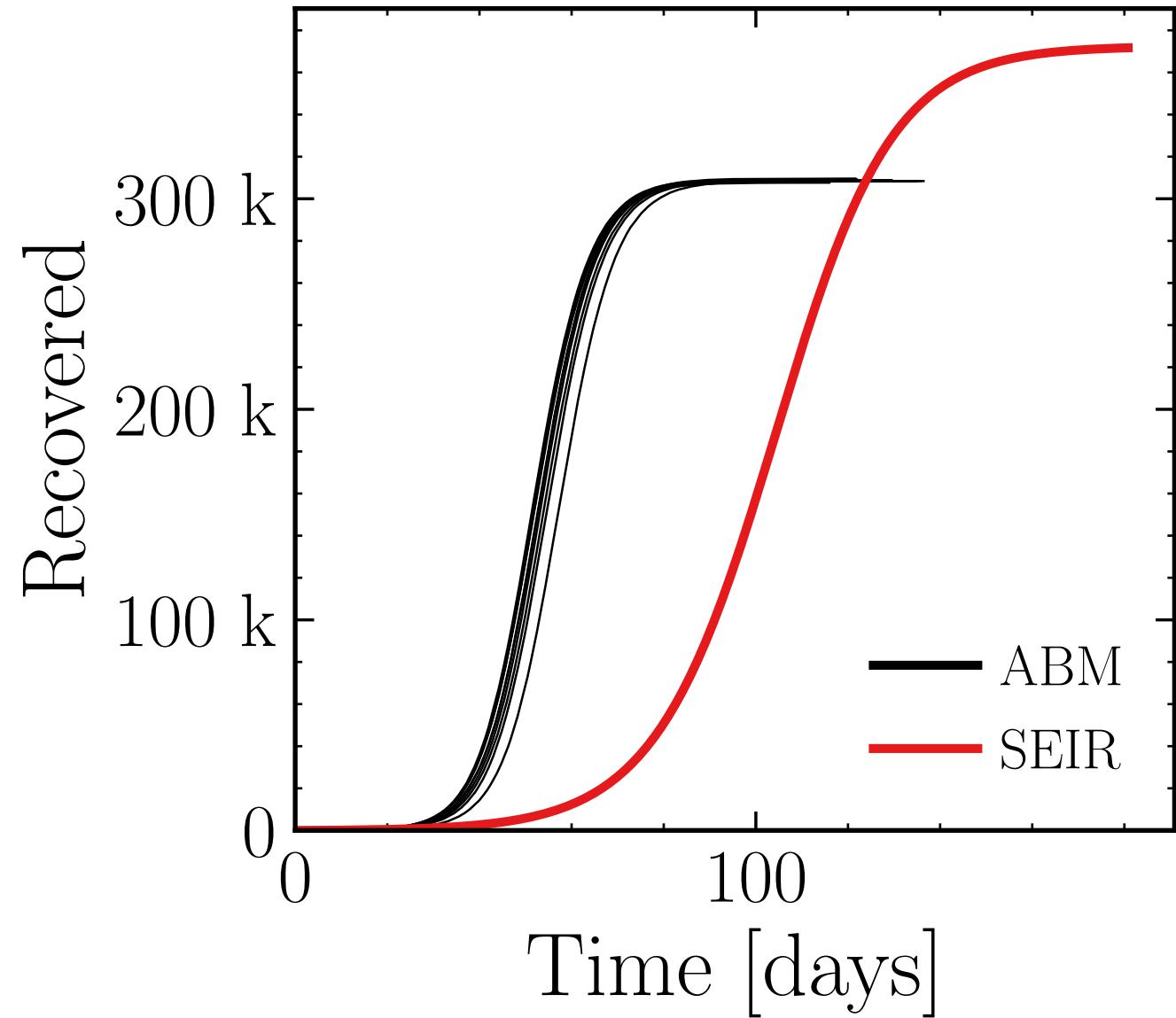
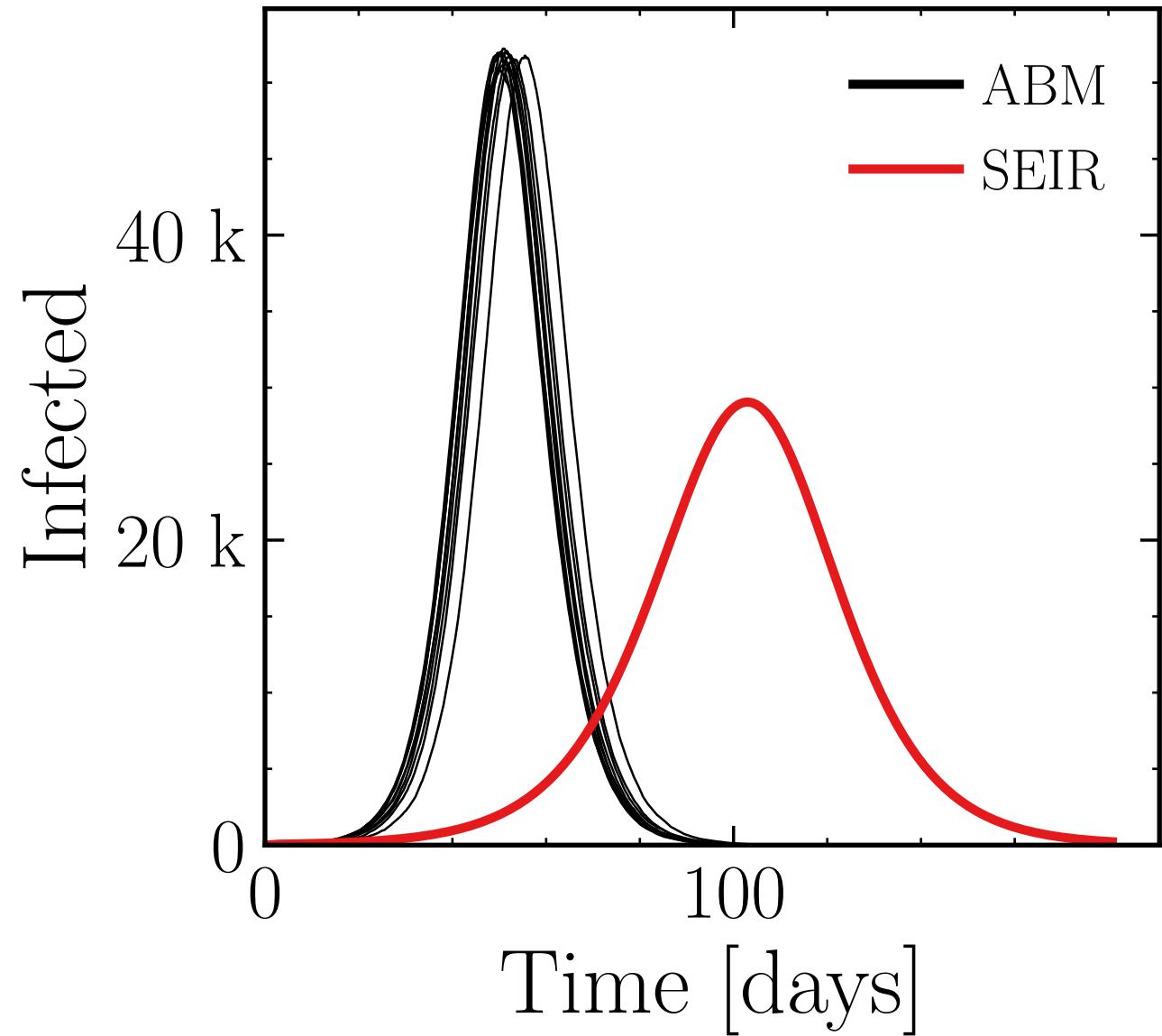
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (51.7 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 0ec9c28dd1, #10

$R_{\infty}^{\text{ABM}} = (308.6 \pm 0.052\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

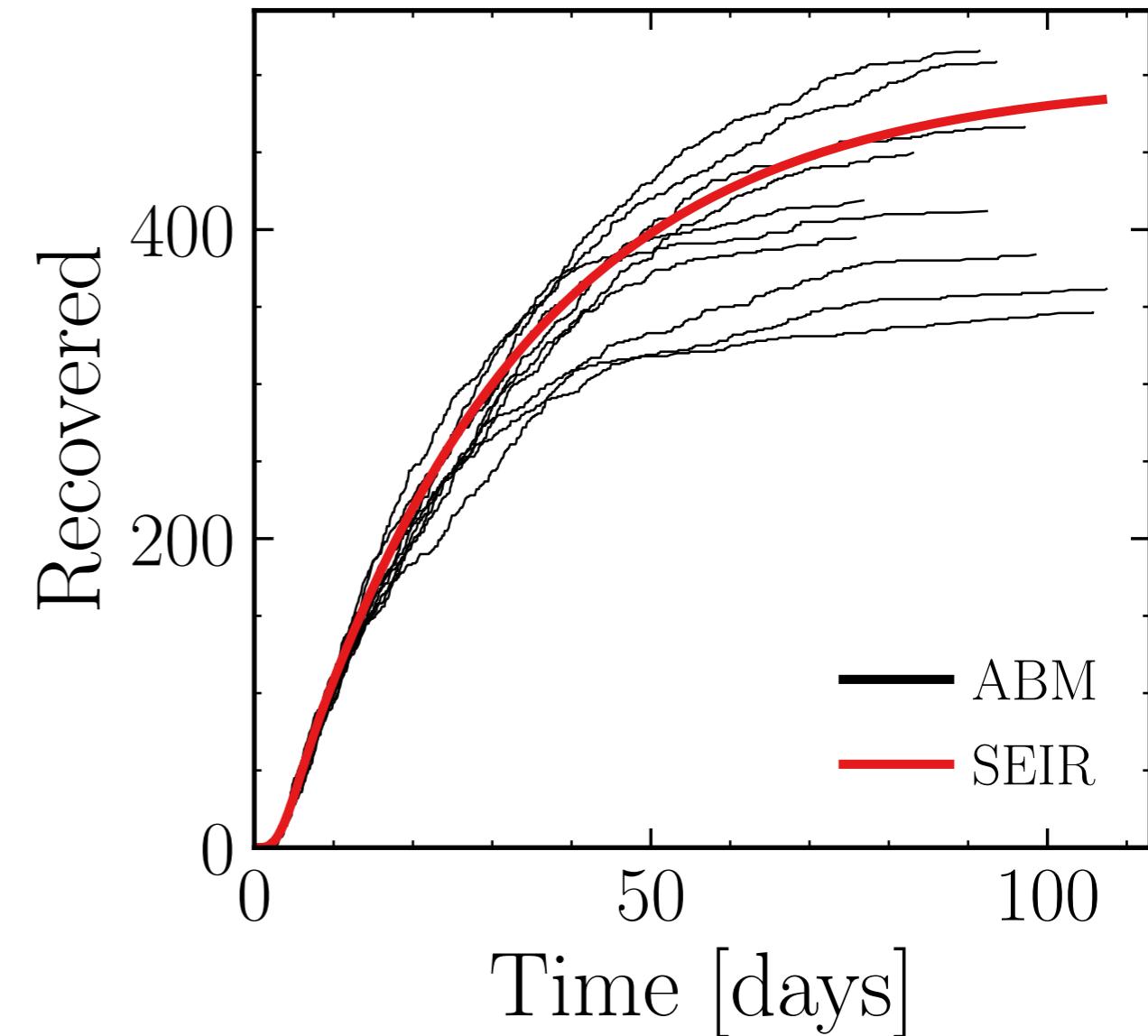
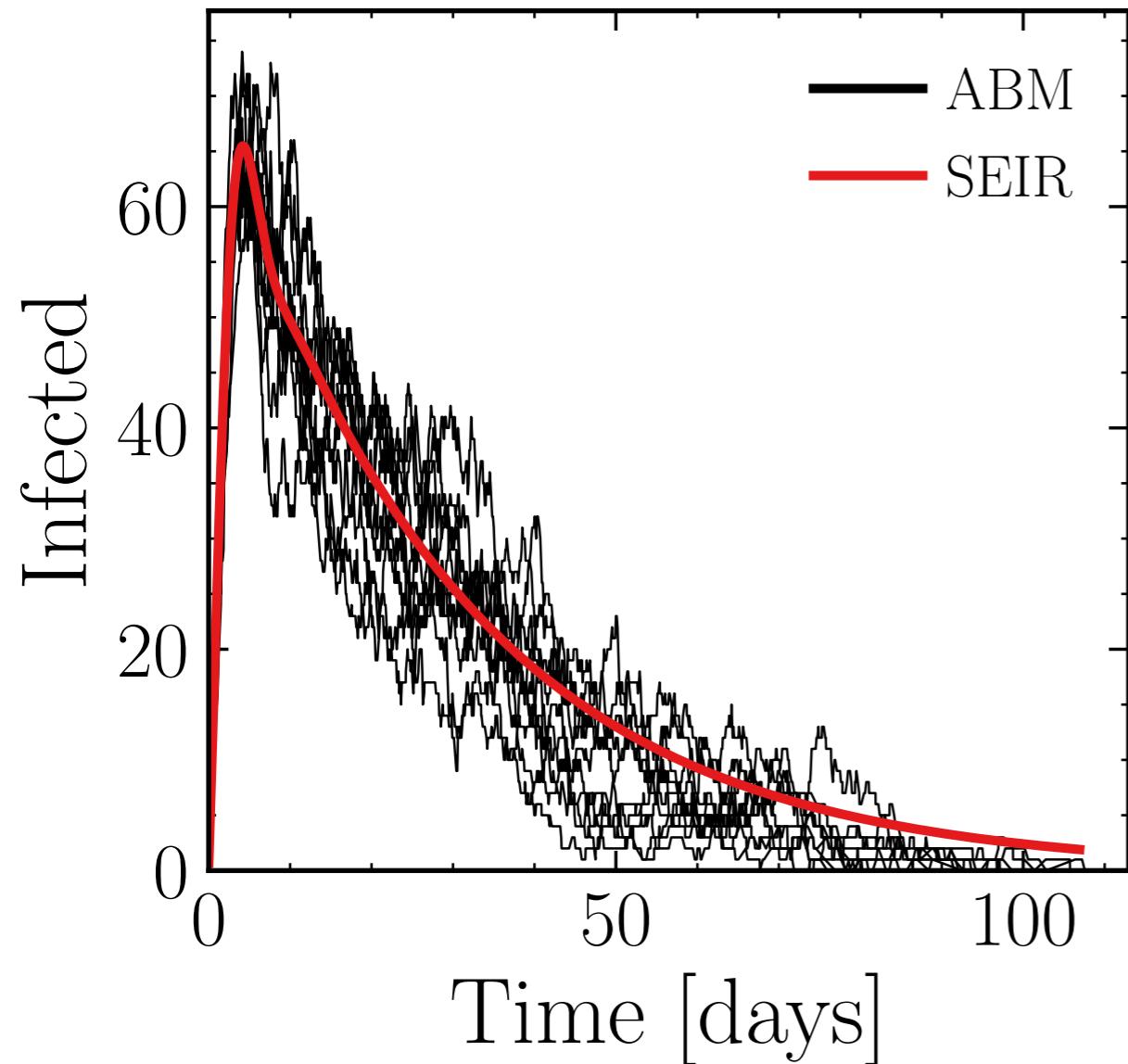
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (69 \pm 1.5\%)$.

v. = 1.0, hash = a8b21c5a2d, #10

$R_{\infty}^{\text{ABM}} = (430 \pm 4.1\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

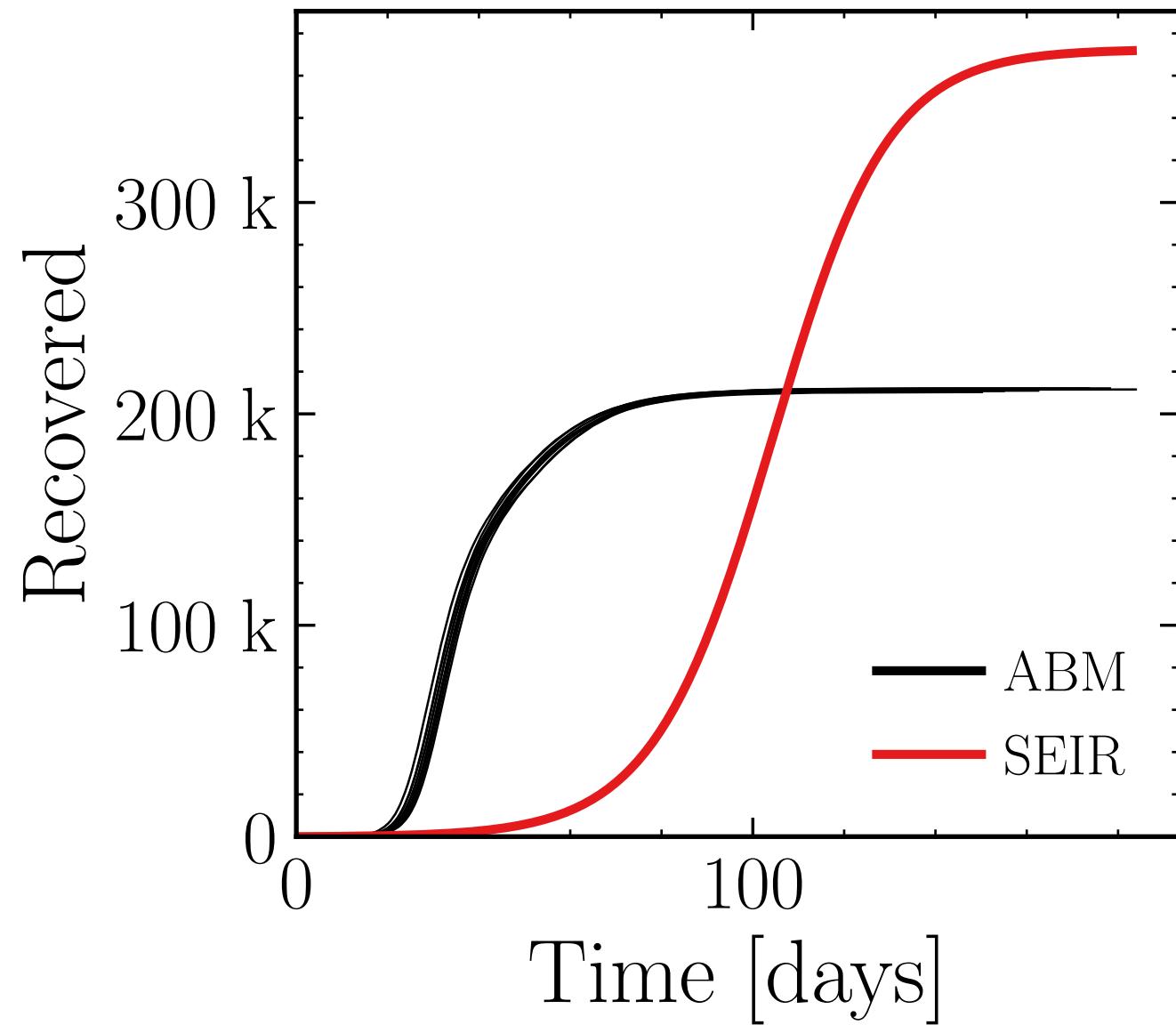
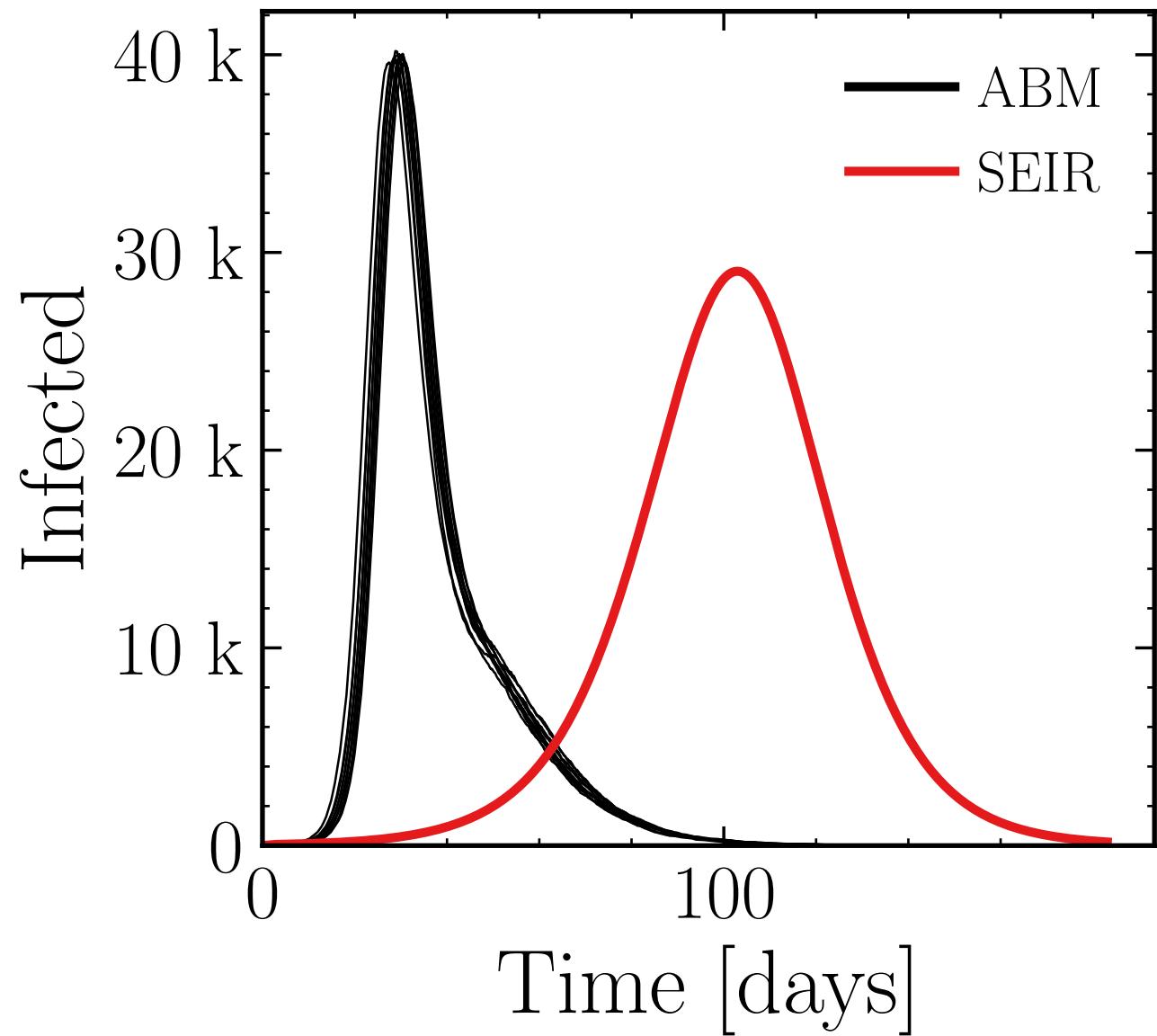
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (39.83 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 0e2f1d5ff3, #10

$R_{\infty}^{\text{ABM}} = (211.2 \pm 0.084\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

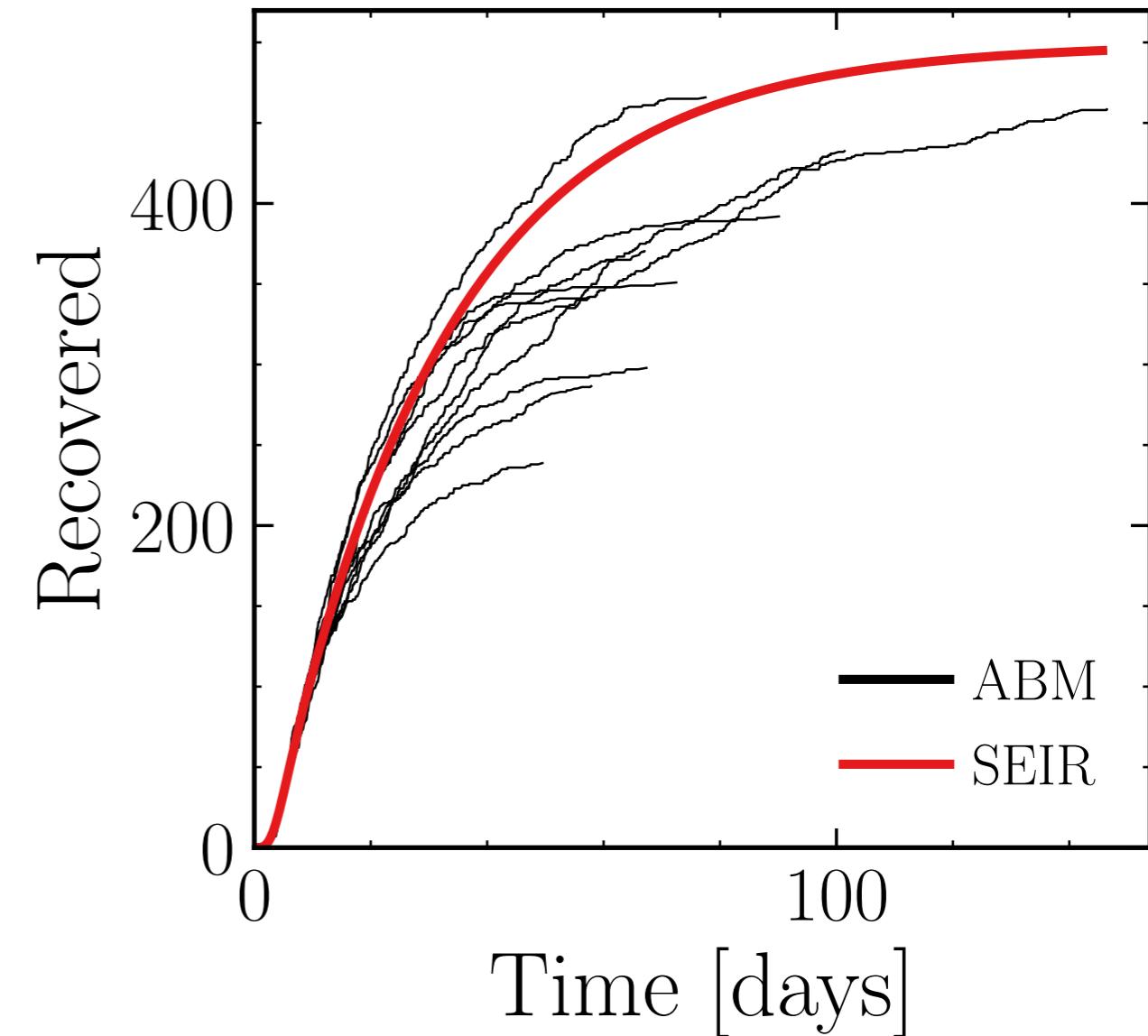
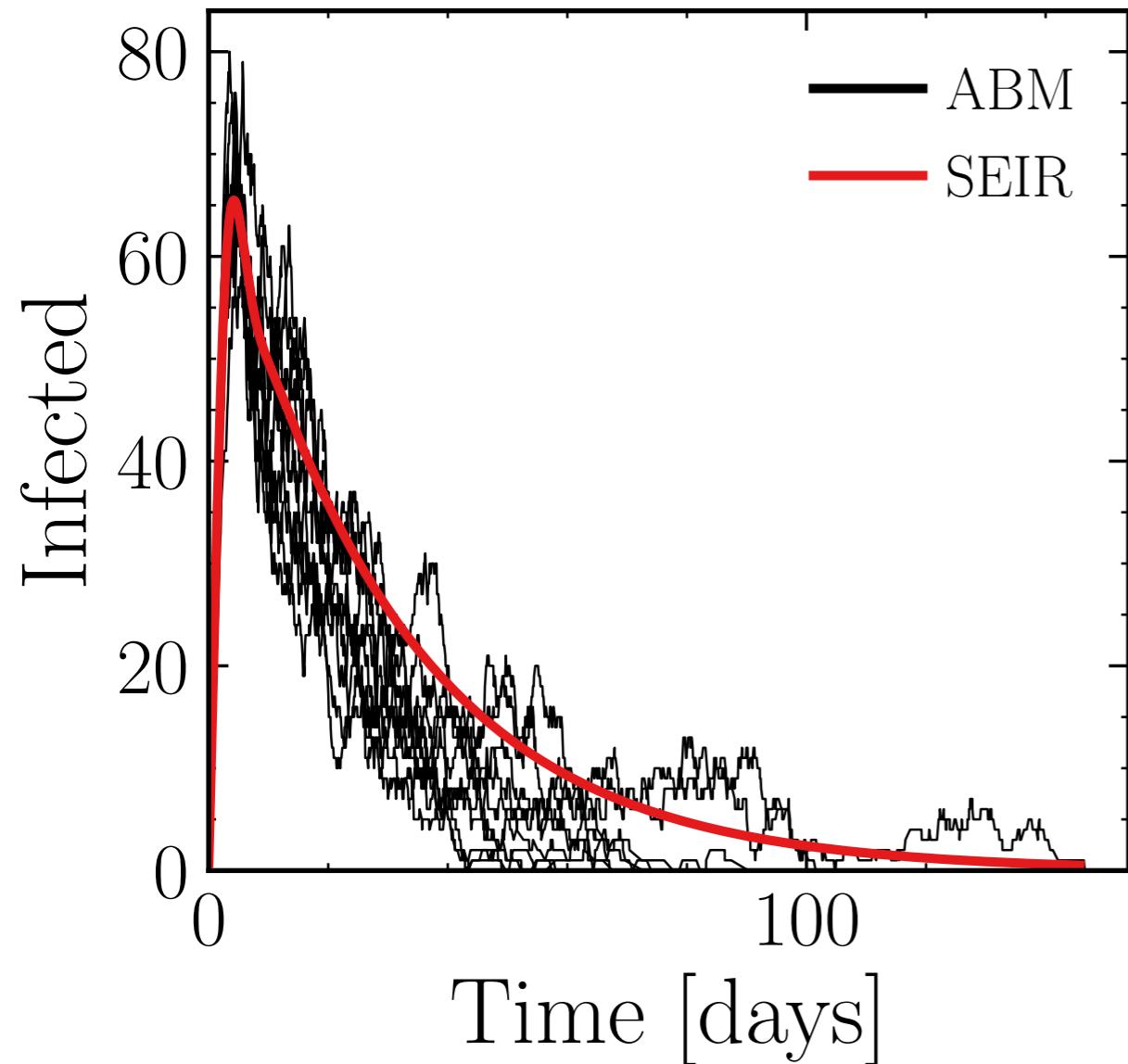
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (71 \pm 2.4\%)$.

v. = 1.0, hash = c923121907, #10

$R_{\infty}^{\text{ABM}} = (360 \pm 6.2\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

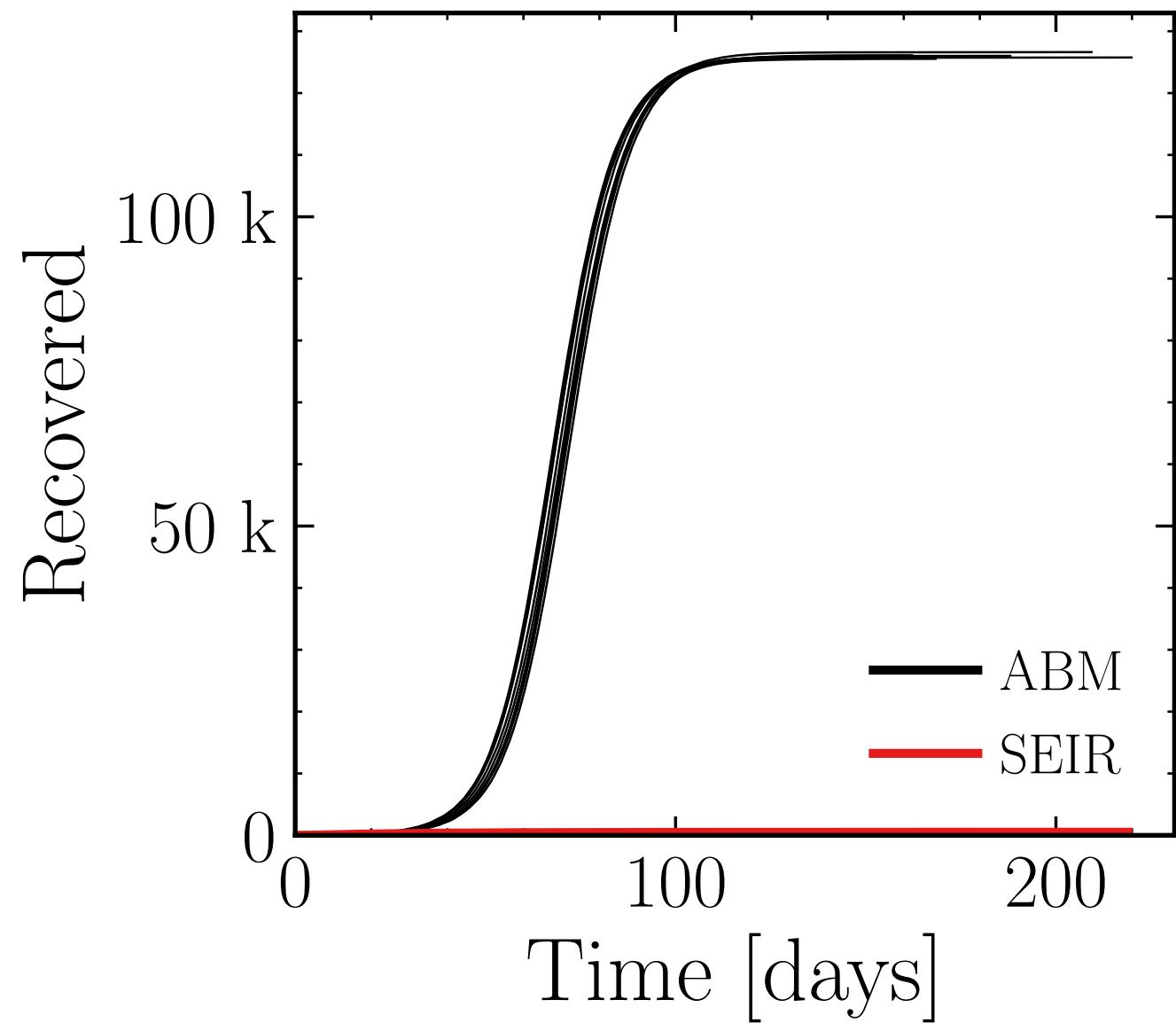
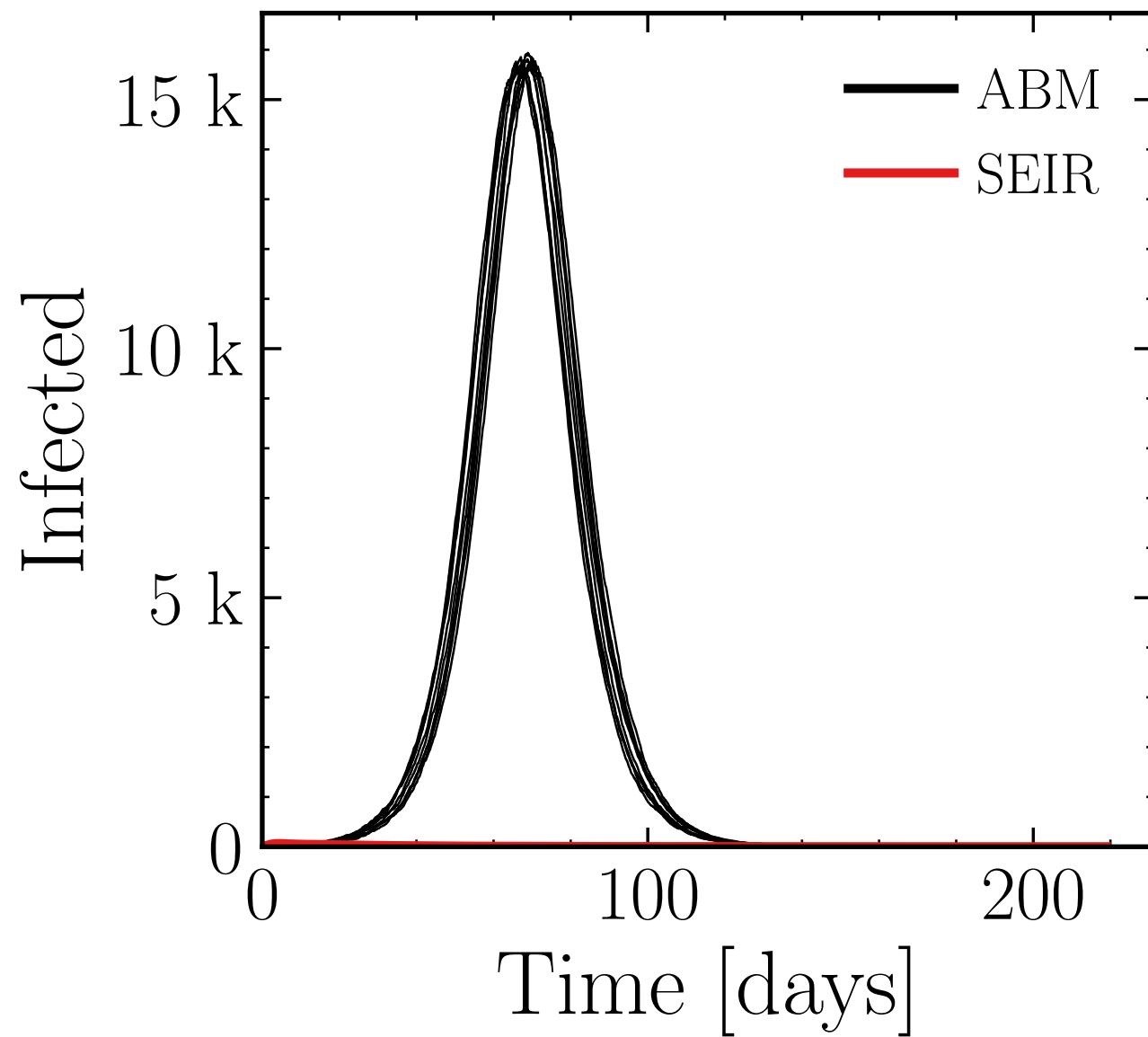
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

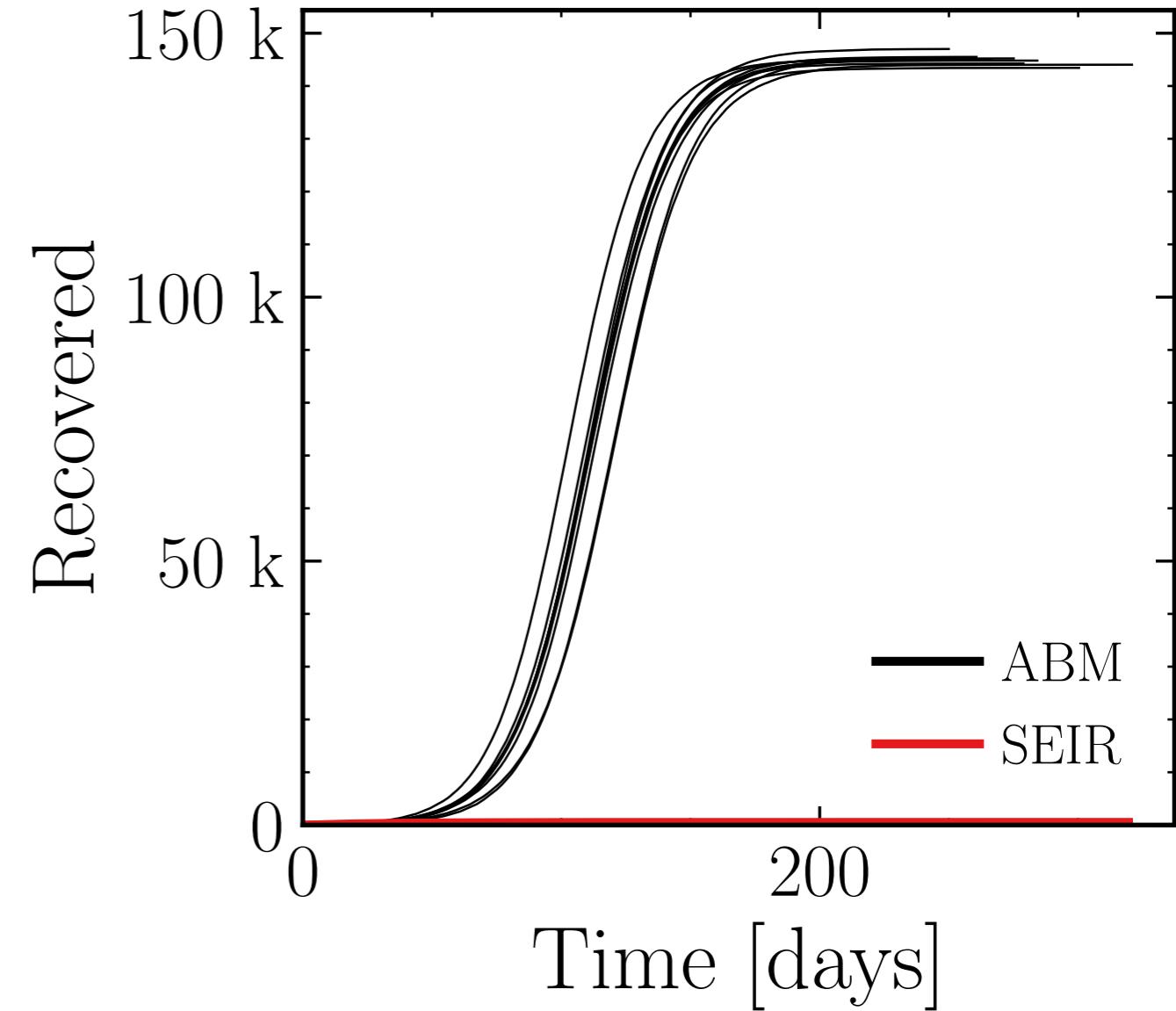
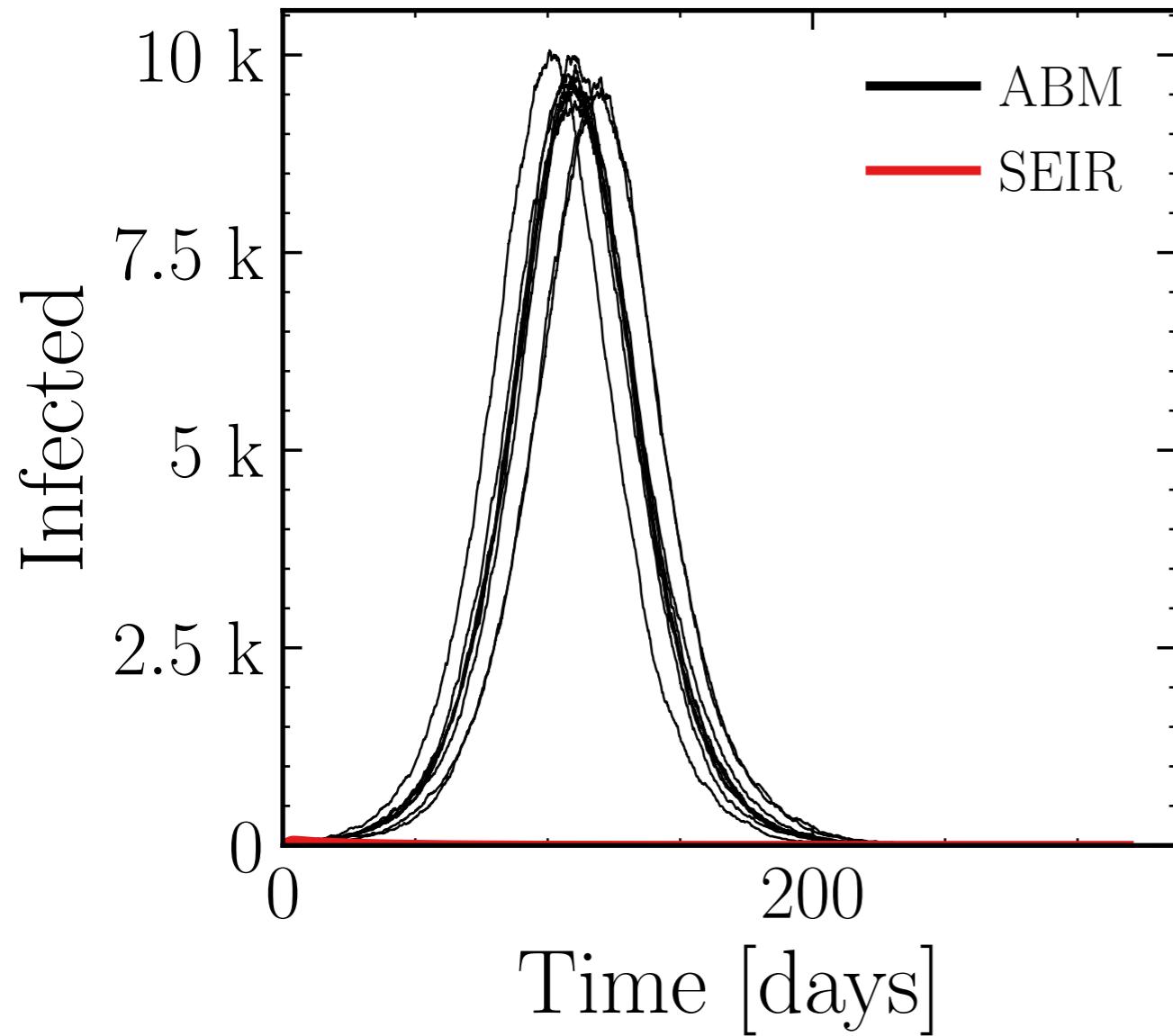
$I_{\text{max}}^{\text{ABM}} = (15.77 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 8ecedf2e96, #10

$R_\infty^{\text{ABM}} = (125.96 \pm 0.069\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (9.72 \pm 0.62\%) \cdot 10^3$ v. = 1.0, hash = 386beb04e4, #10
 $R_\infty^{\text{ABM}} = (144.9 \pm 0.2\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

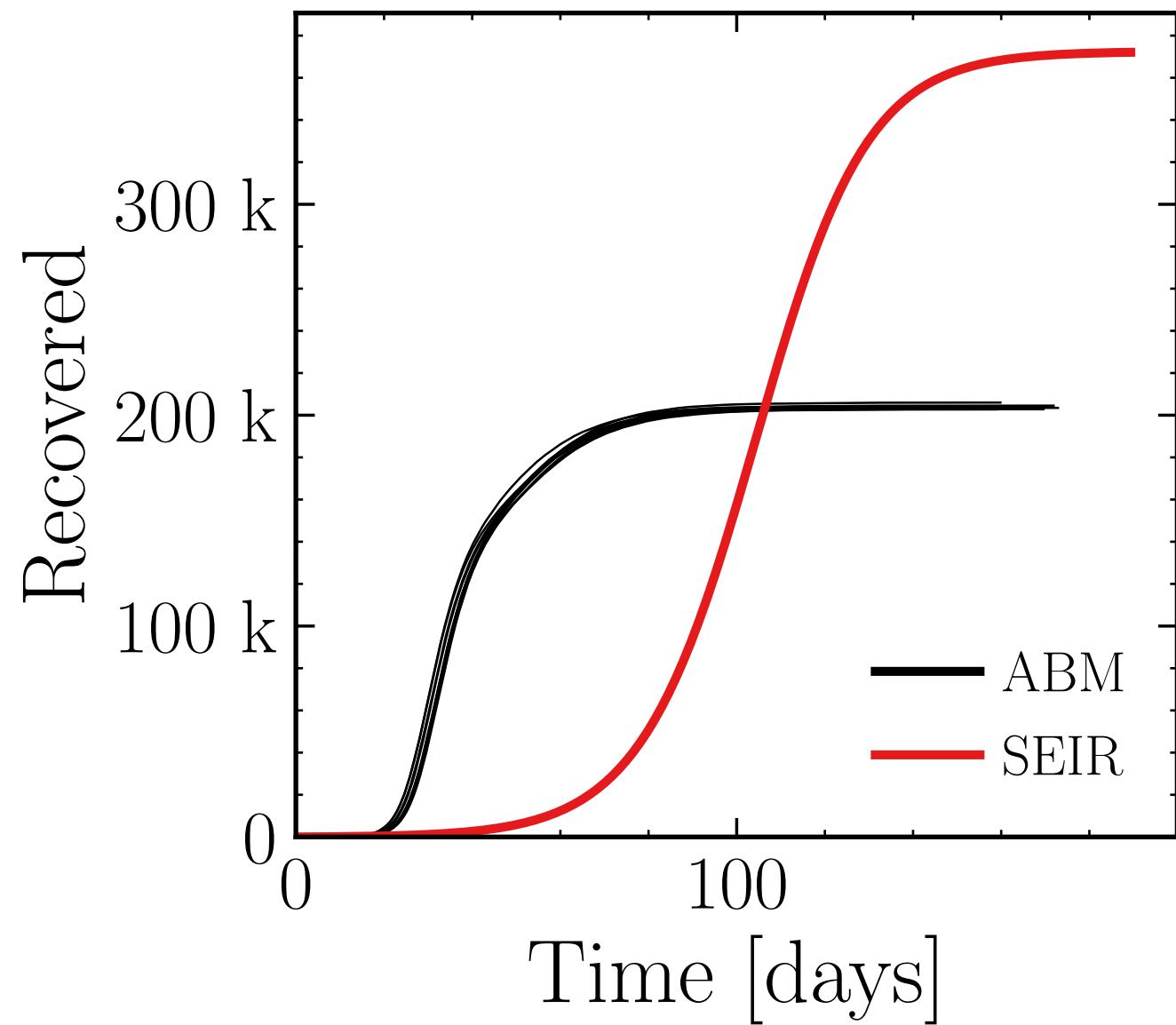
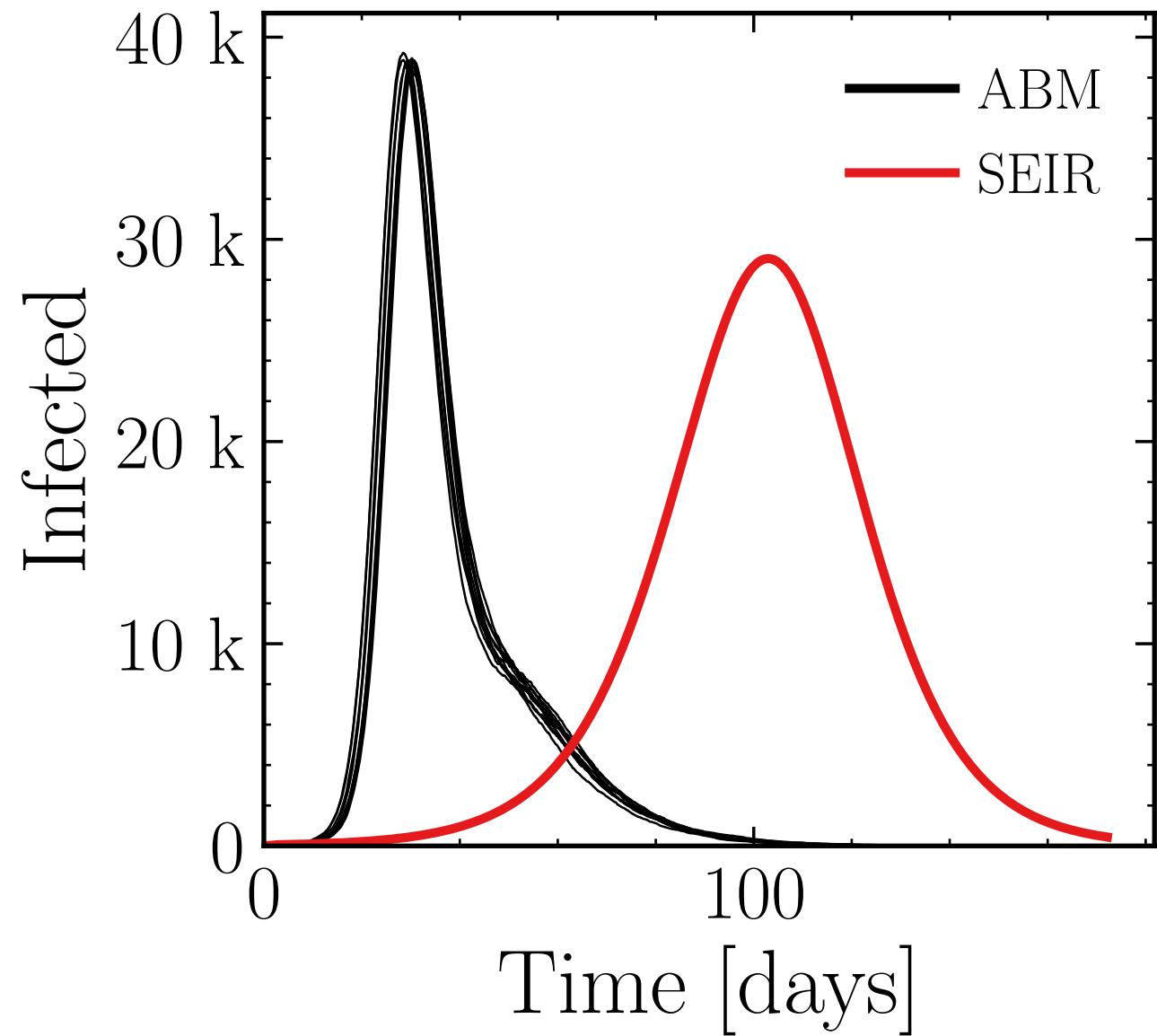
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (38.83 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 5809378a01, #10

$R_\infty^{\text{ABM}} = (203.9 \pm 0.15\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

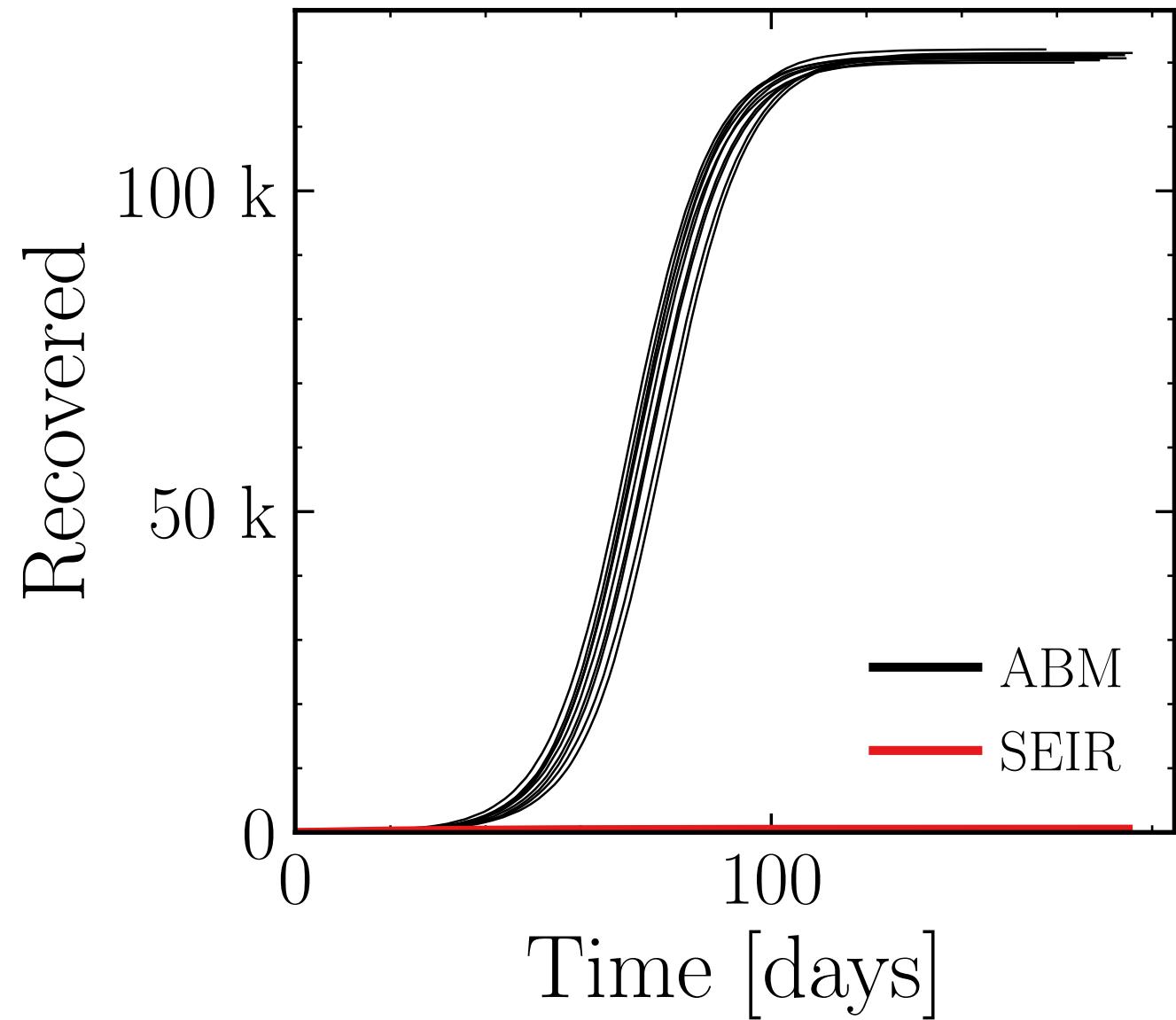
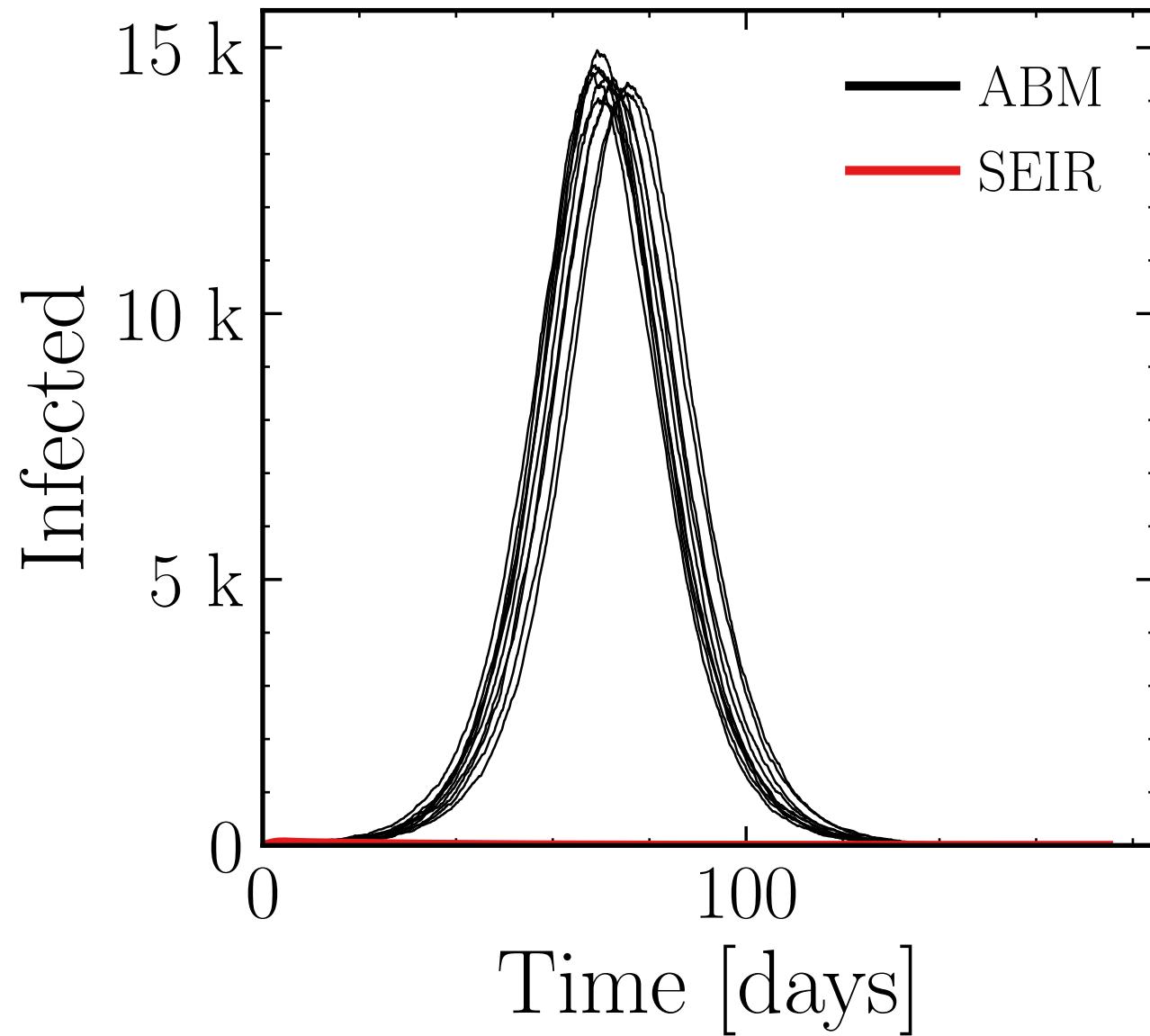
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (14.44 \pm 0.56\%) \cdot 10^3$

v. = 1.0, hash = 27b21473bc, #10

$R_{\infty}^{\text{ABM}} = (121 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

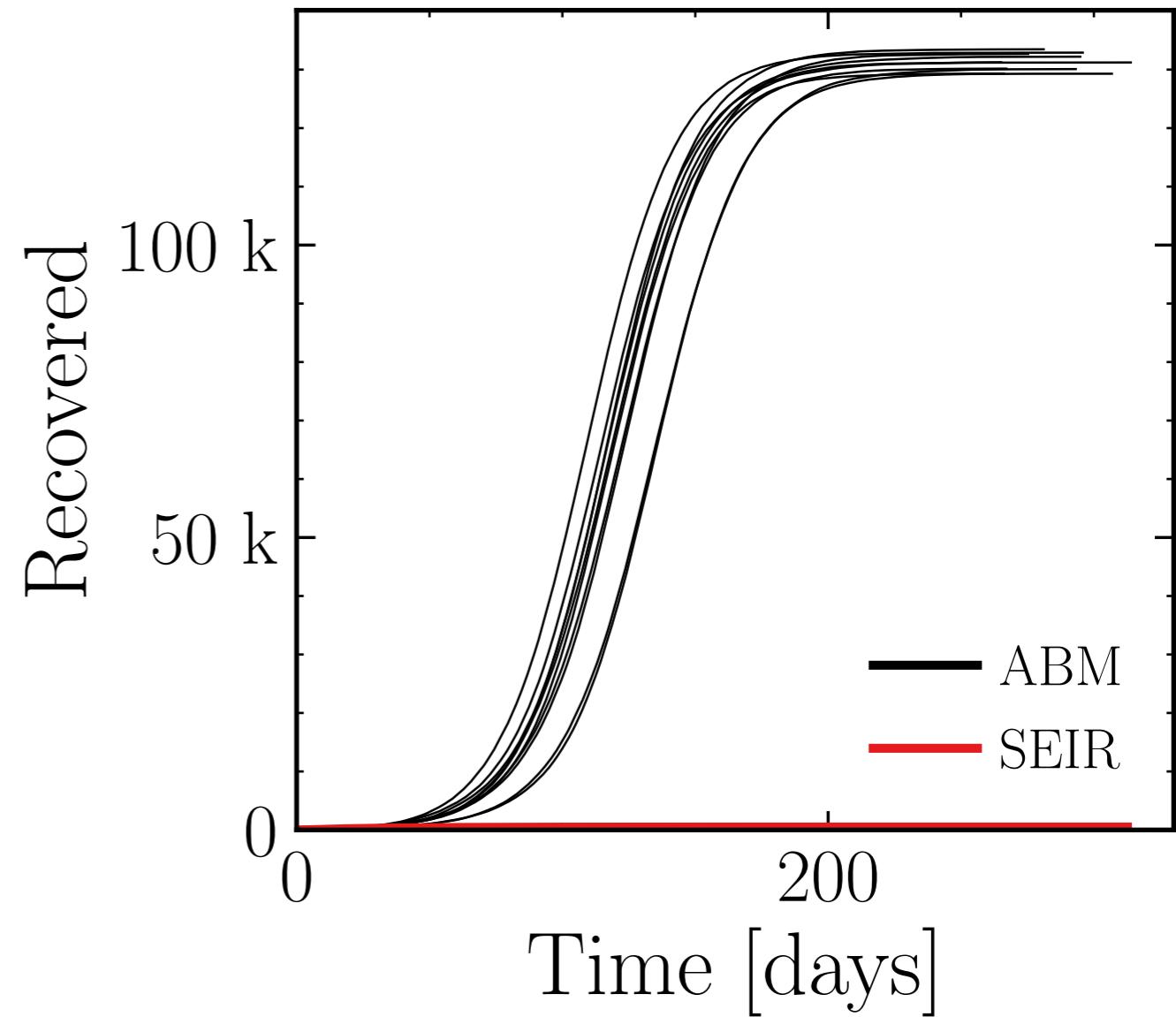
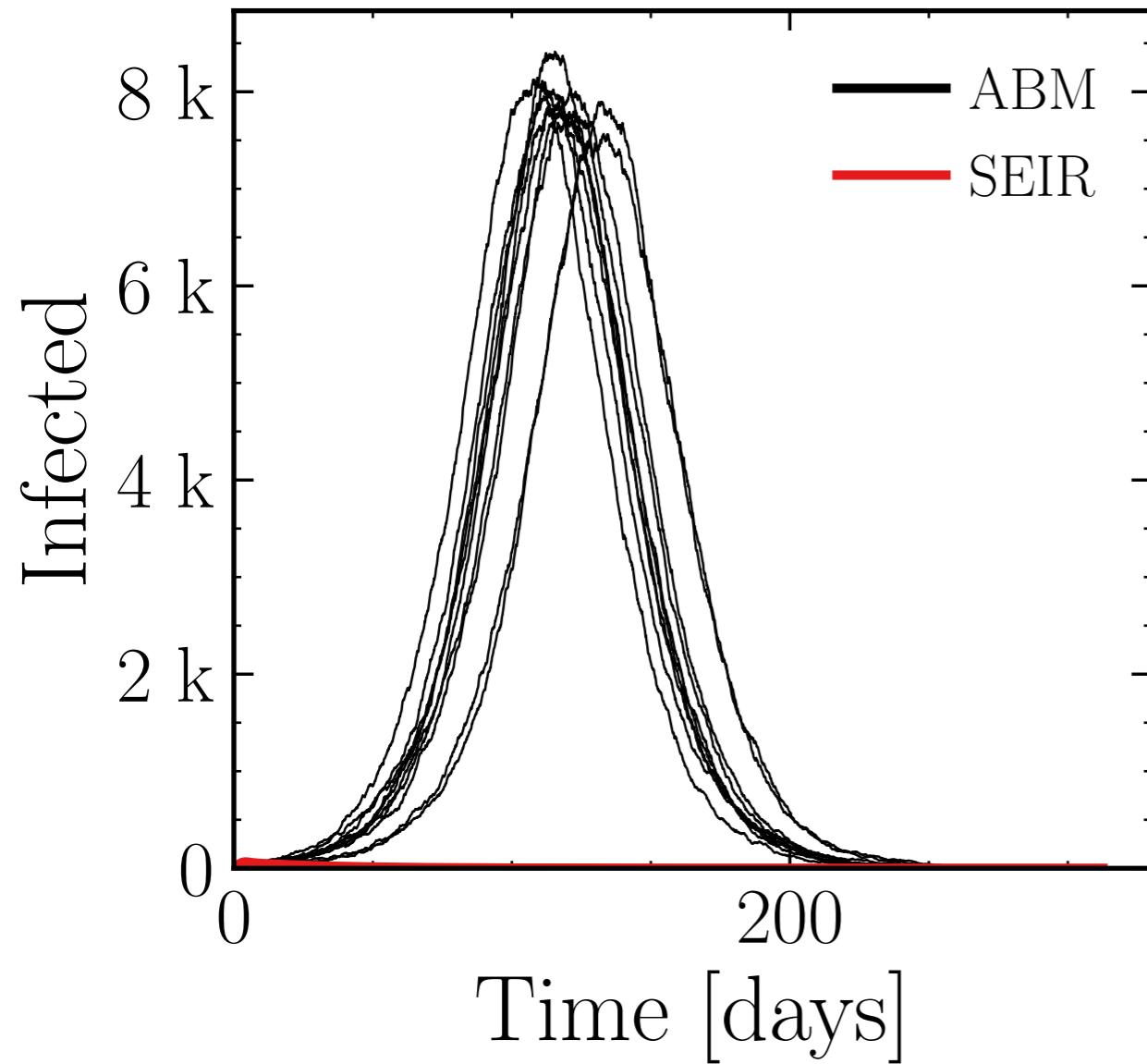
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (7.98 \pm 0.86\%) \cdot 10^3$

v. = 1.0, hash = 1c3a146798, #10

$R_{\infty}^{\text{ABM}} = (131.3 \pm 0.35\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

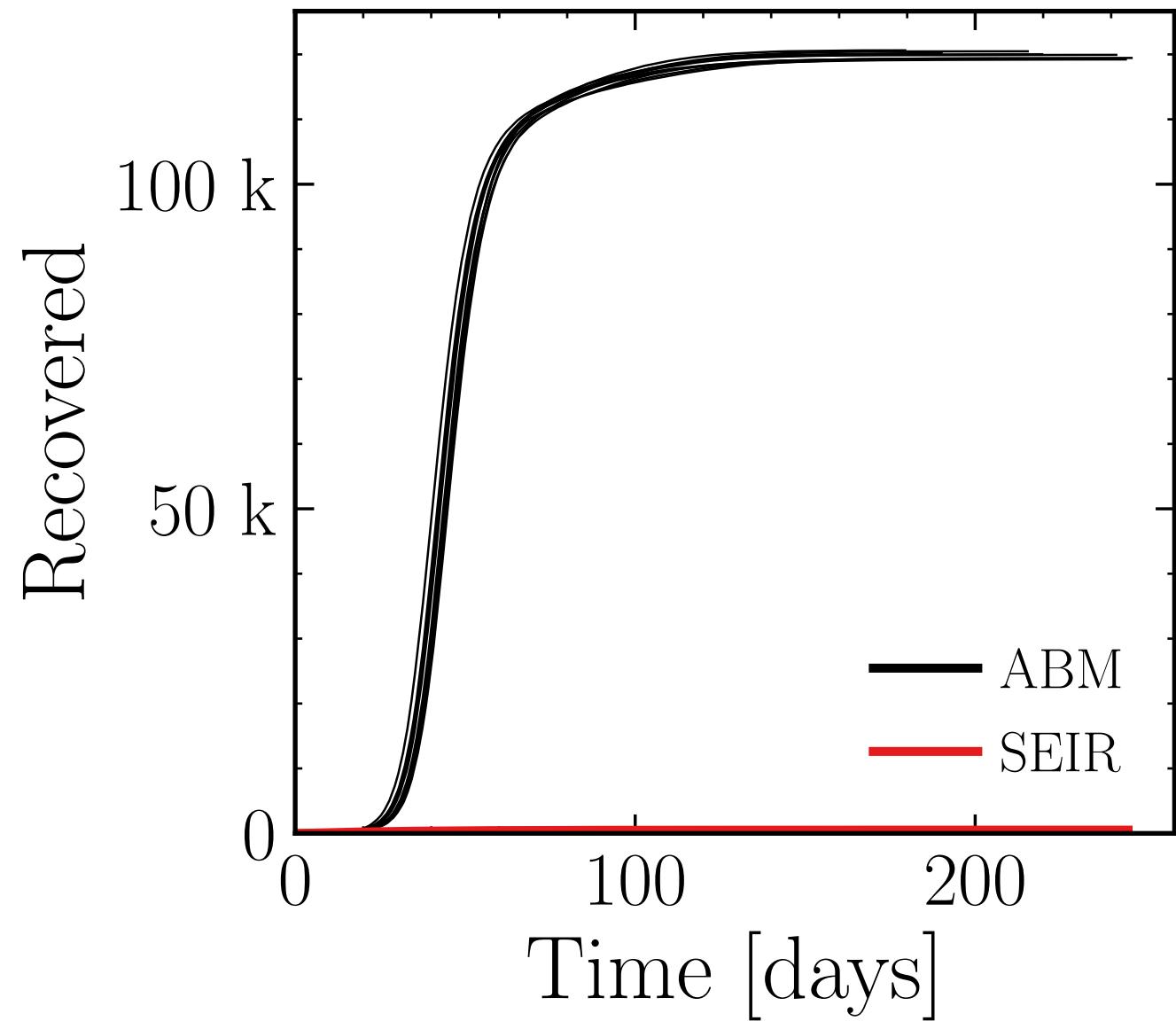
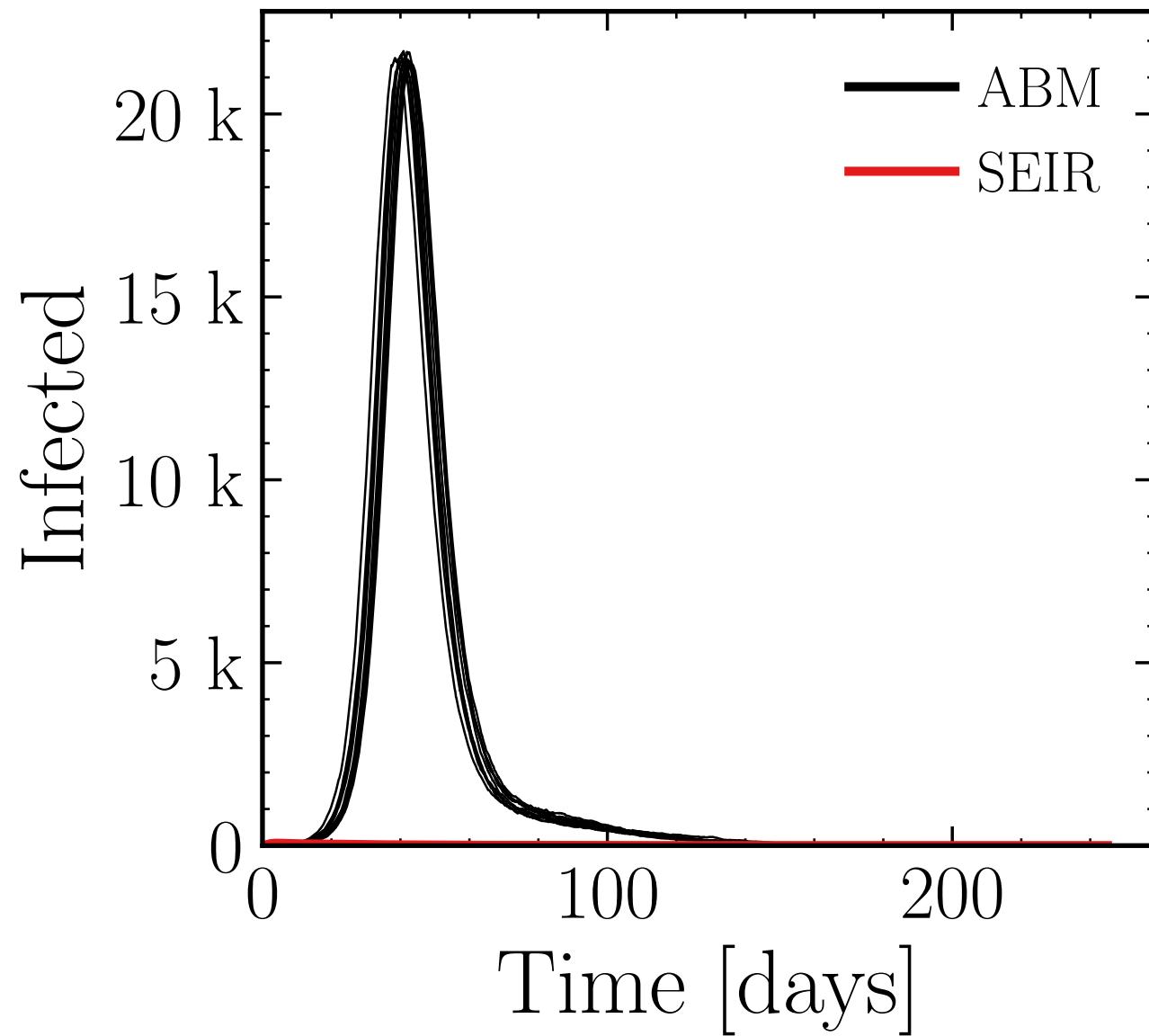
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (21.53 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = e41b40281c, #10

$R_\infty^{\text{ABM}} = (119.8 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

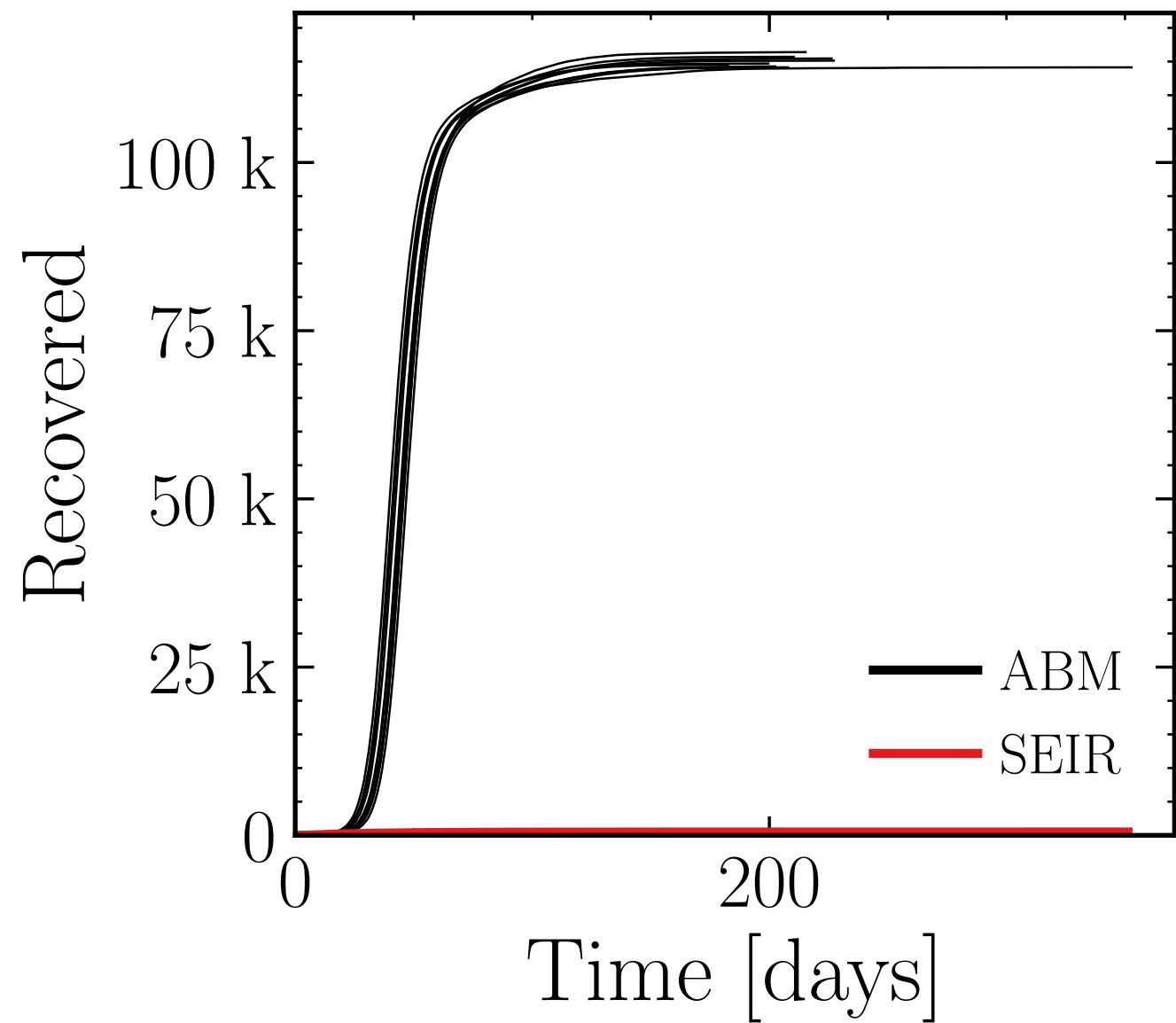
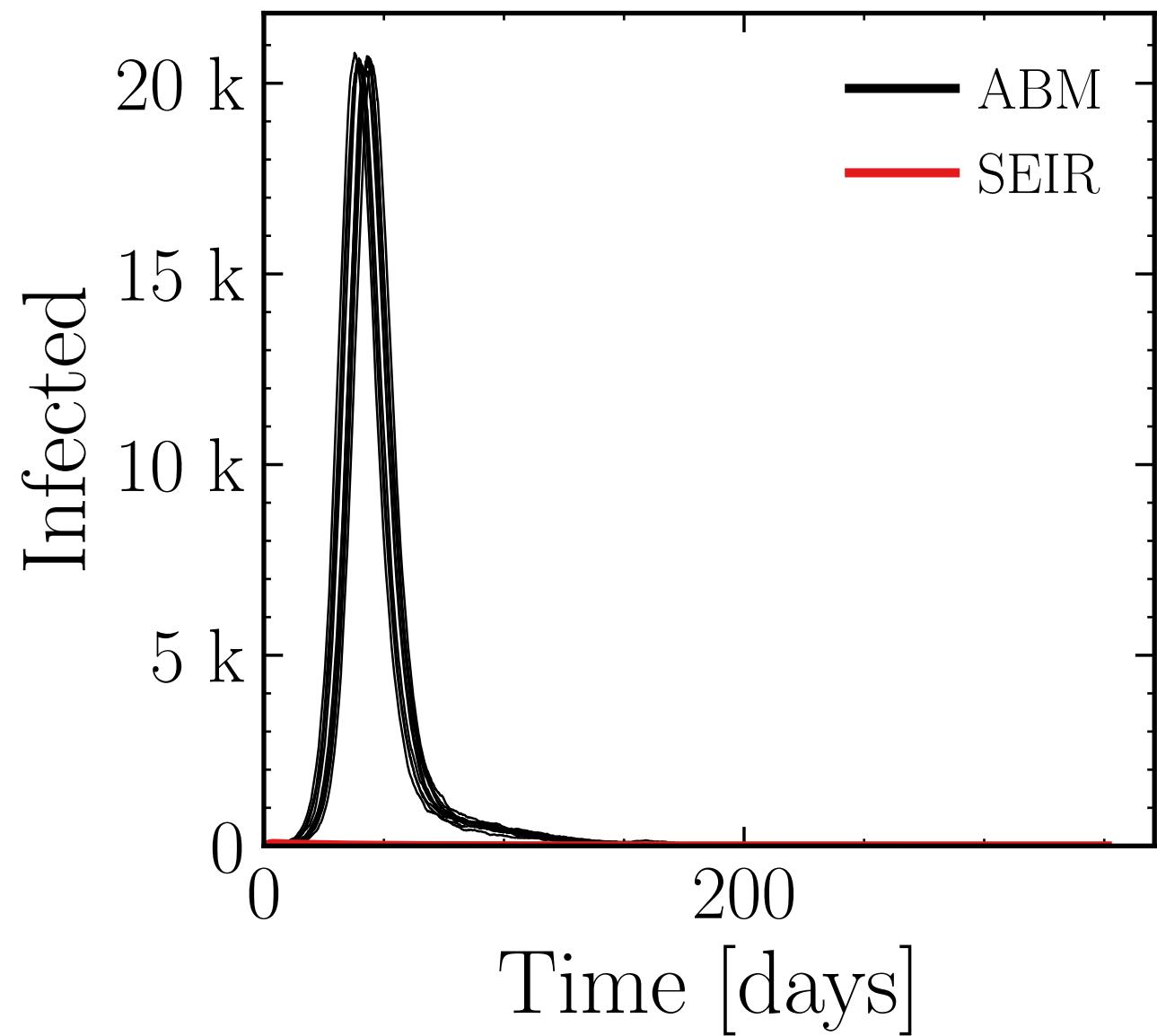
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (20.57 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 054f117e15, #10

$R_\infty^{\text{ABM}} = (114.9 \pm 0.21\%) \cdot 10^3$



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

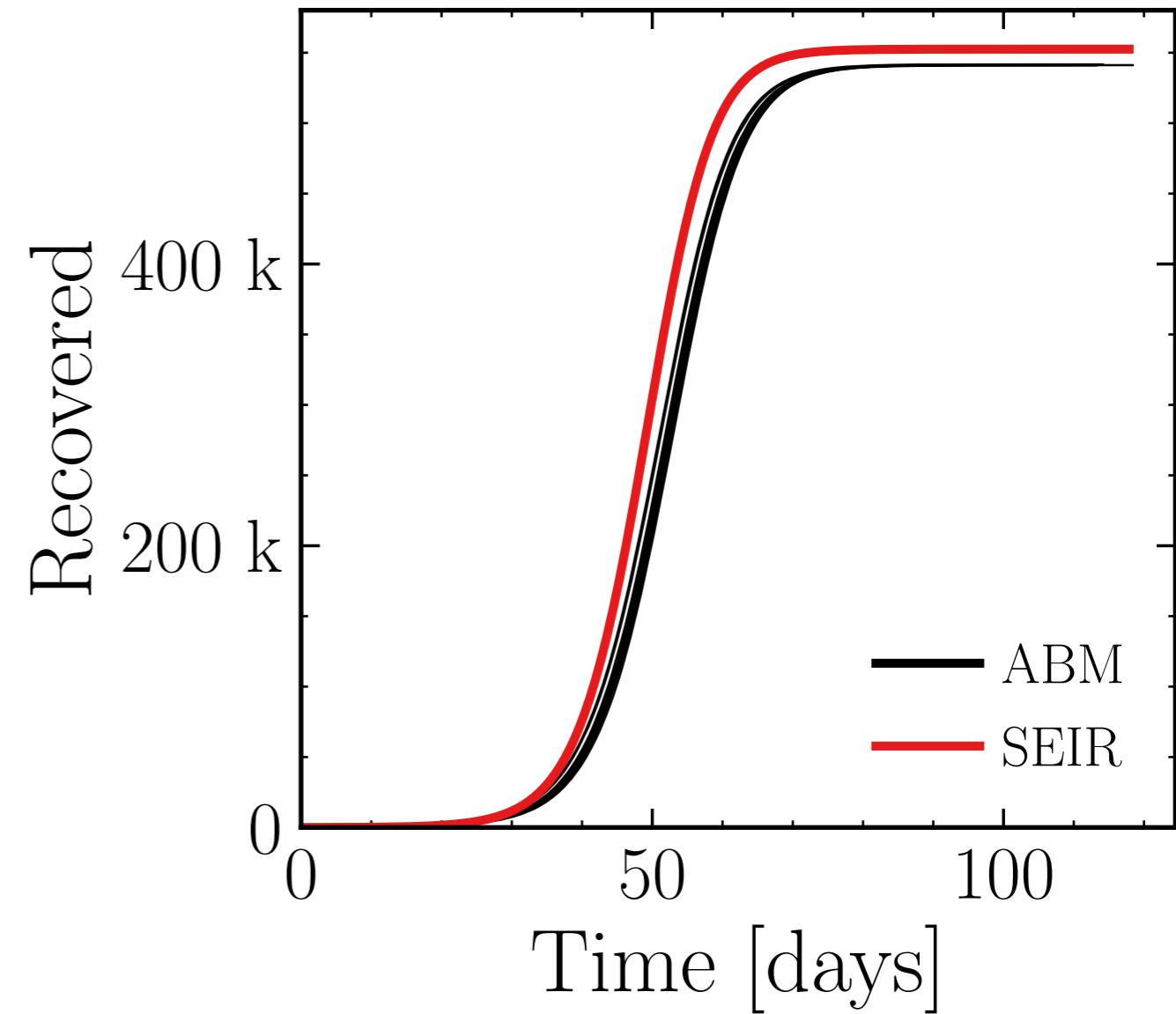
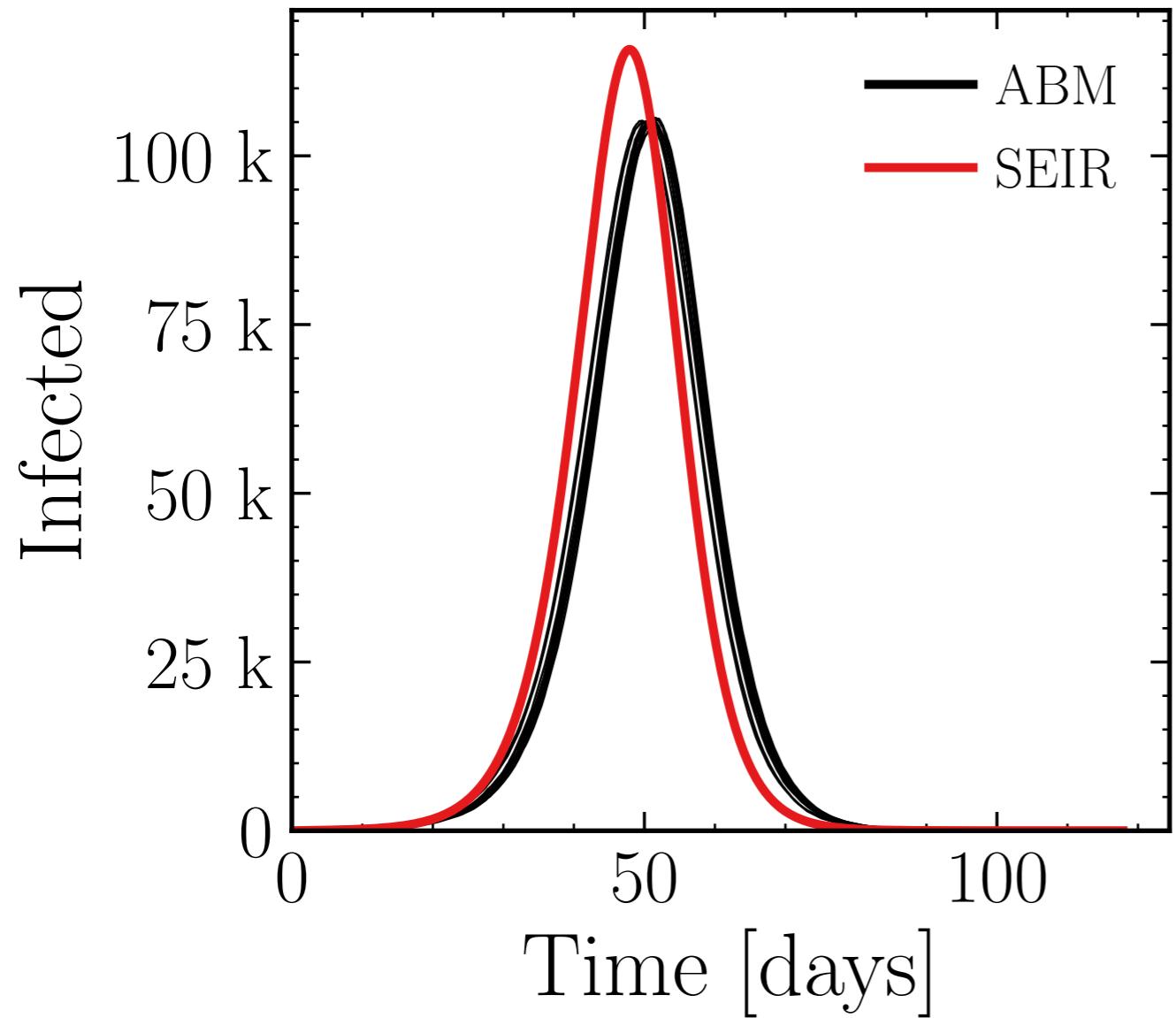
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (105.2 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = 79c7a7d7be, #10

$R_{\infty}^{\text{ABM}} = (541.34 \pm 0.011\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

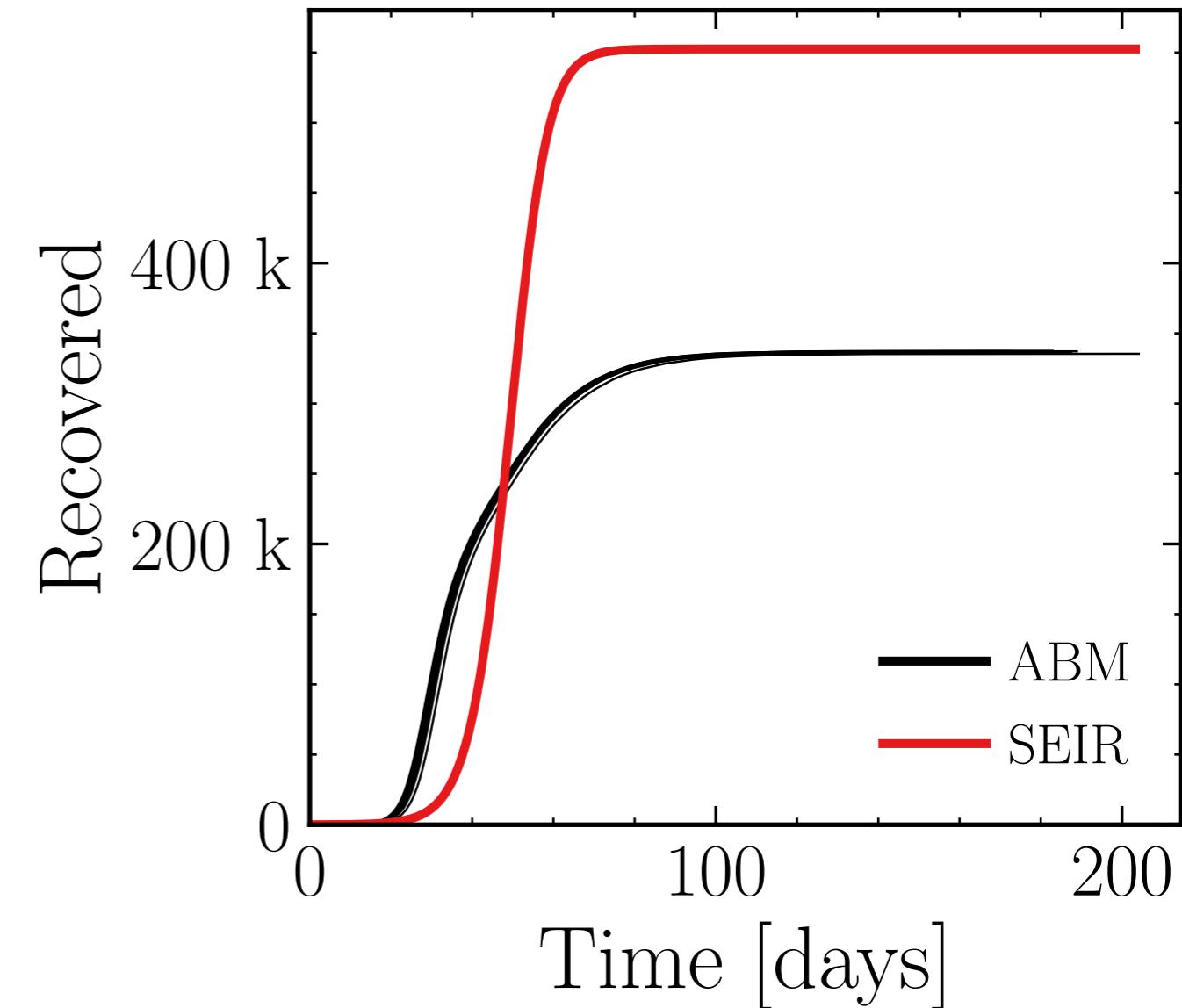
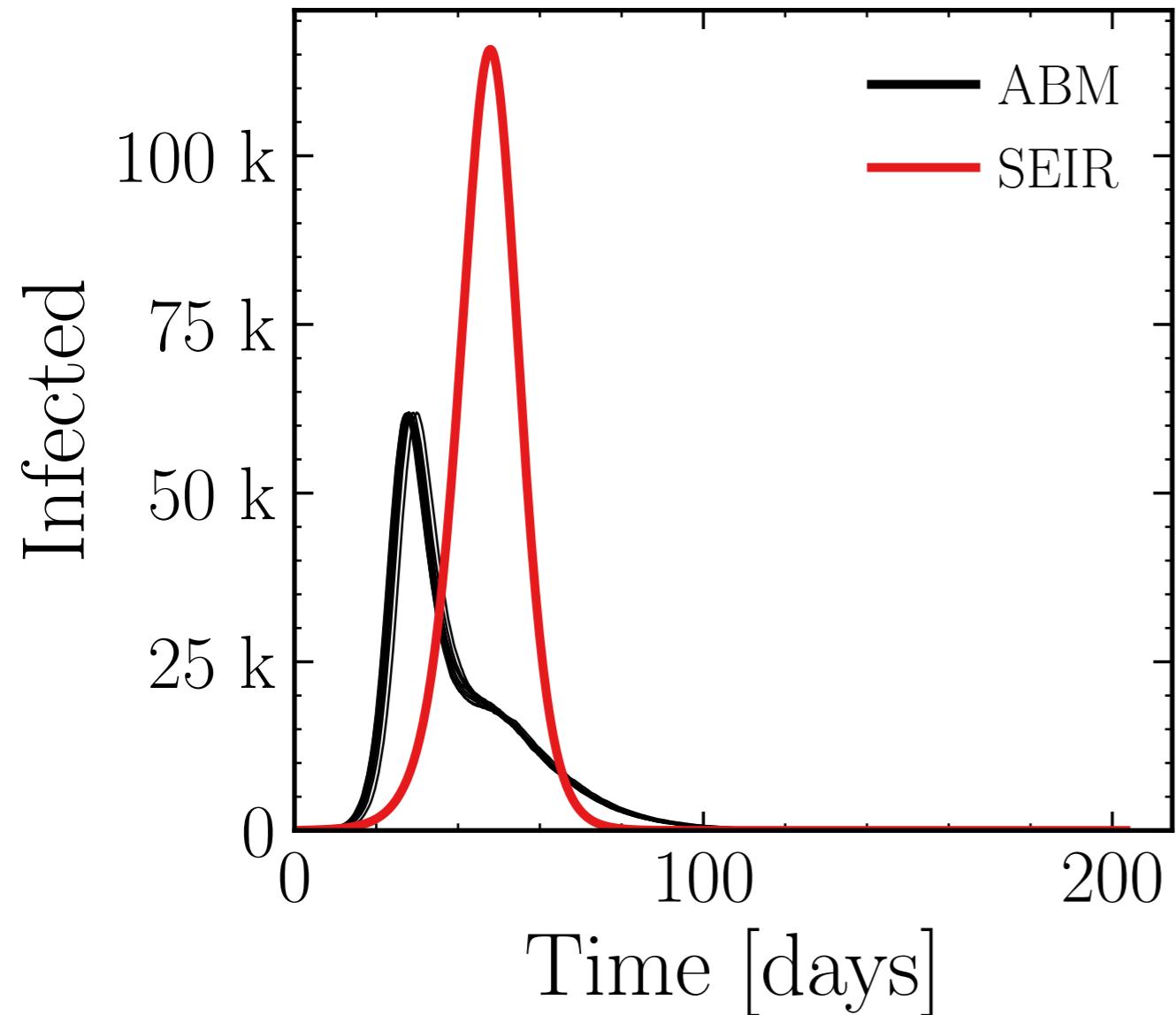
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (61.79 \pm 0.08\%) \cdot 10^3$

v. = 1.0, hash = 2a1942afa0, #10

$R_{\infty}^{\text{ABM}} = (336.6 \pm 0.059\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

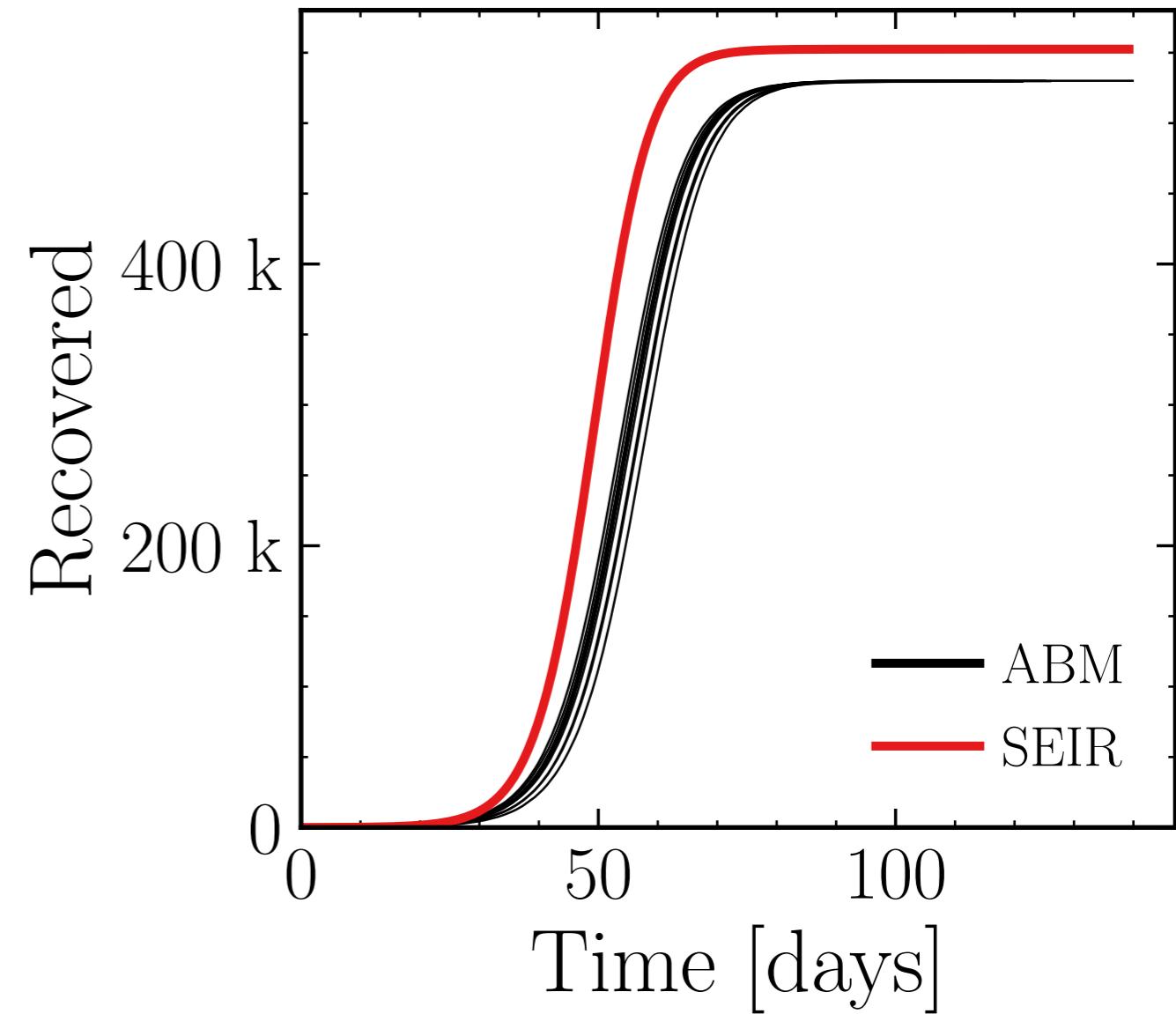
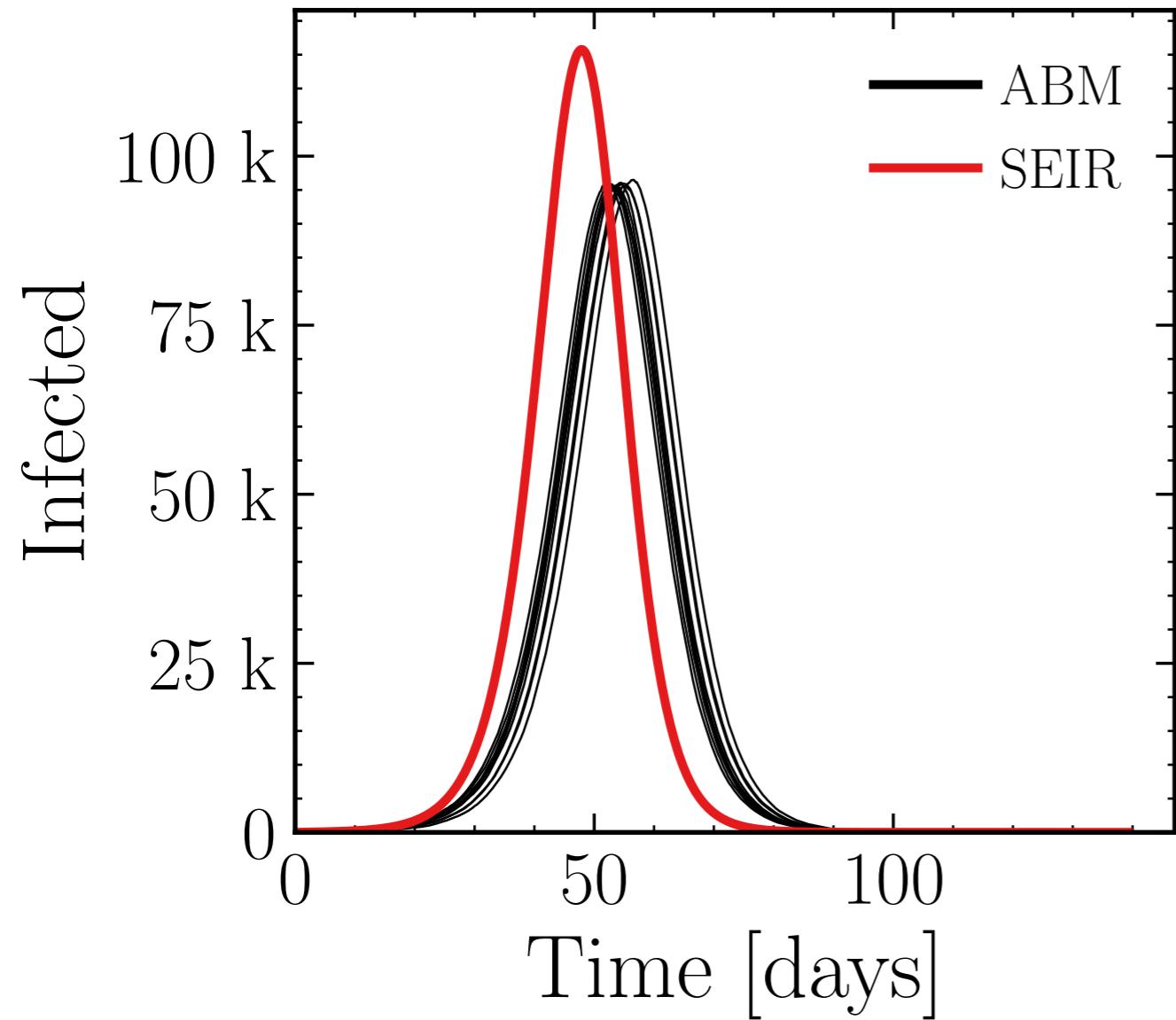
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (95.8 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 3af5dd7029, #10

$R_{\infty}^{\text{ABM}} = (529.93 \pm 0.016\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

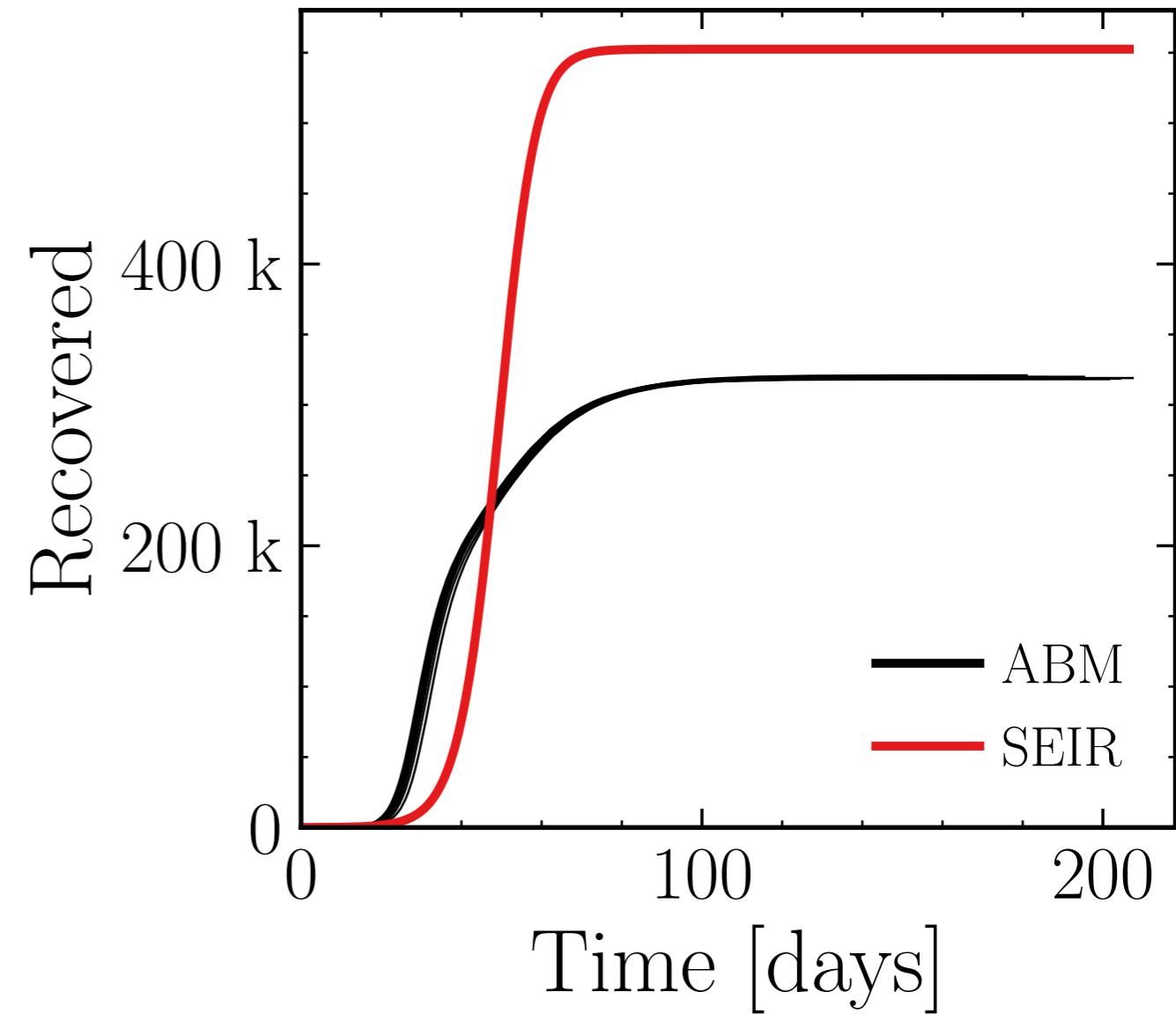
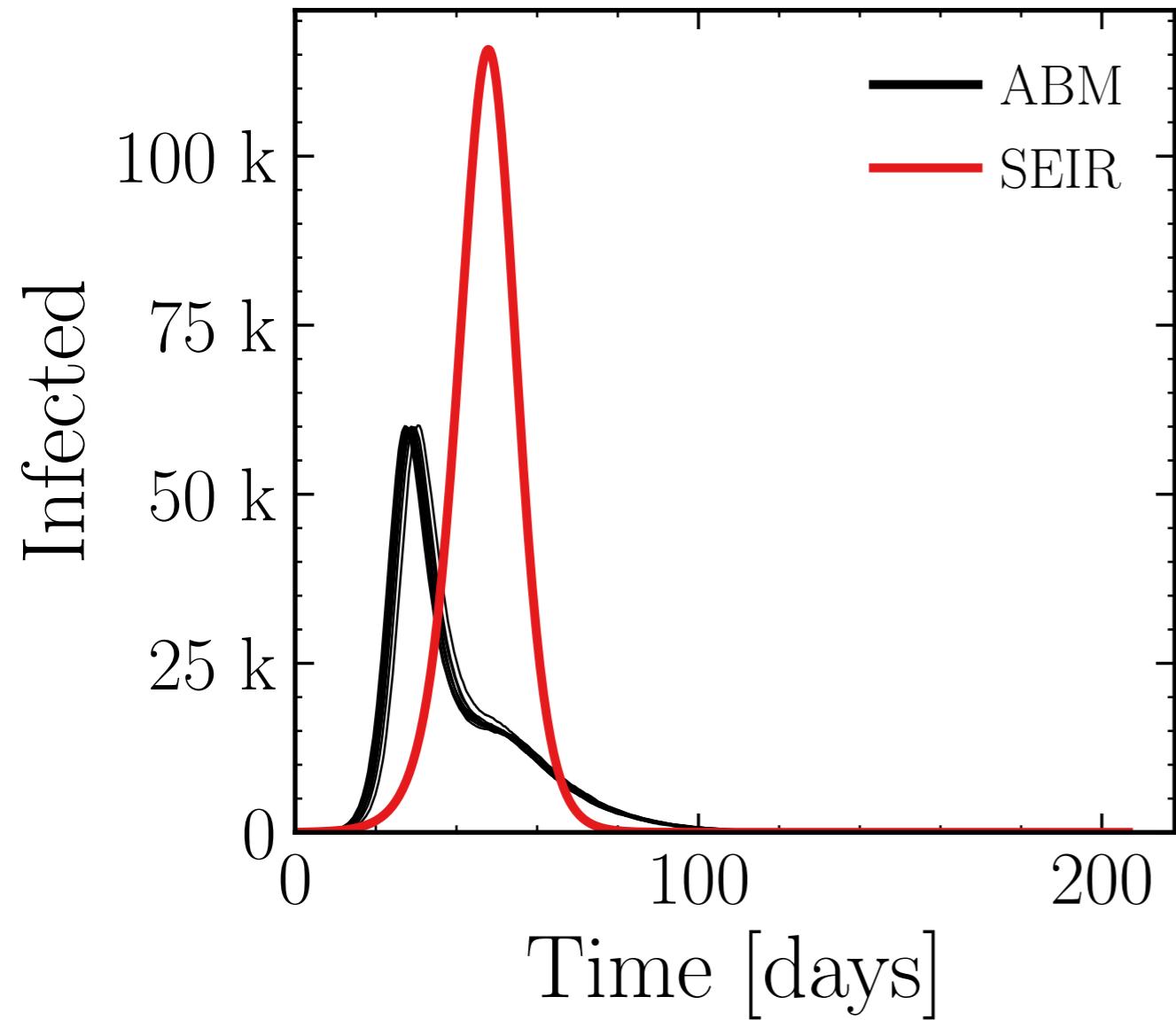
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (59.91 \pm 0.079\%) \cdot 10^3$

v. = 1.0, hash = dd6f7050d8, #10

$R_{\infty}^{\text{ABM}} = (319.4 \pm 0.074\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

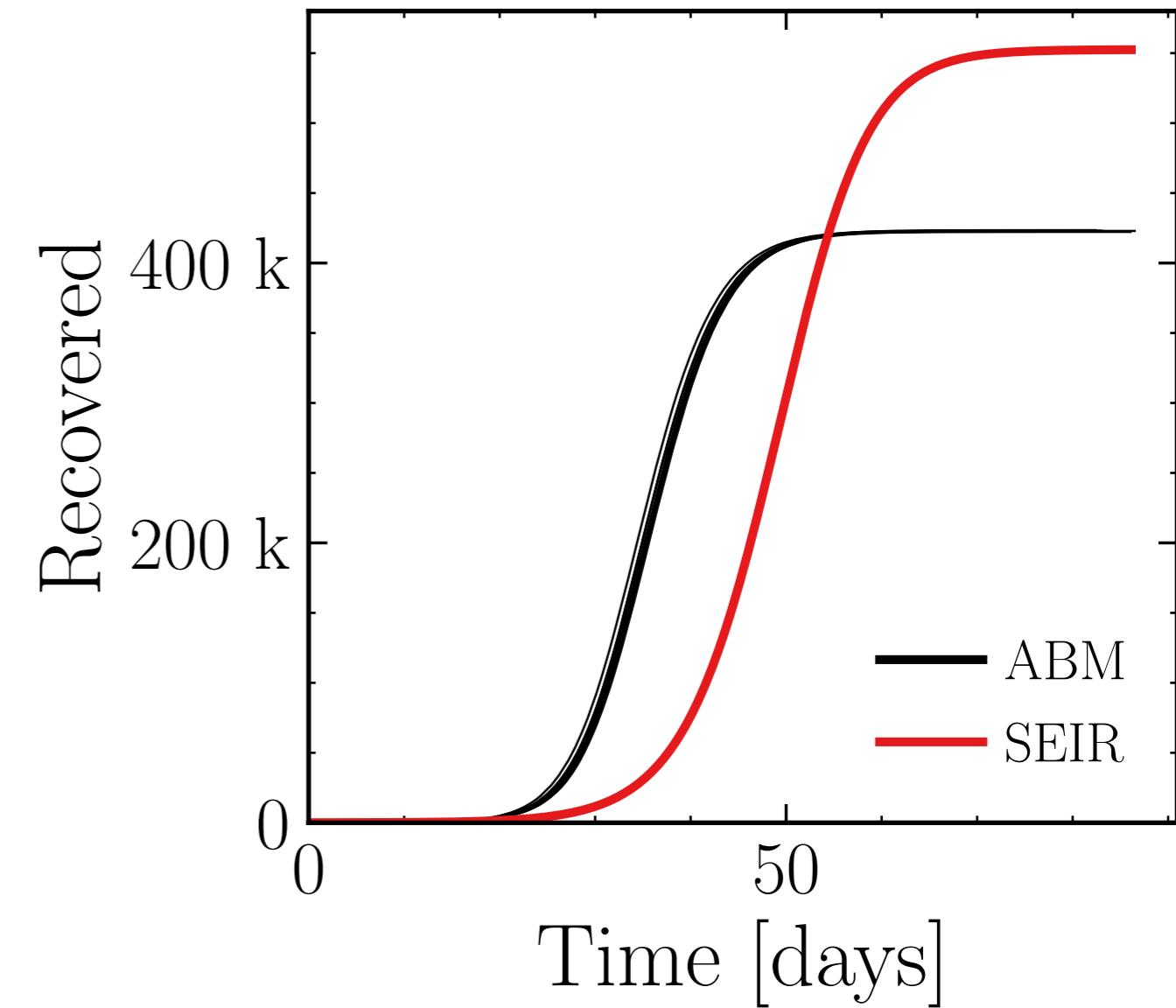
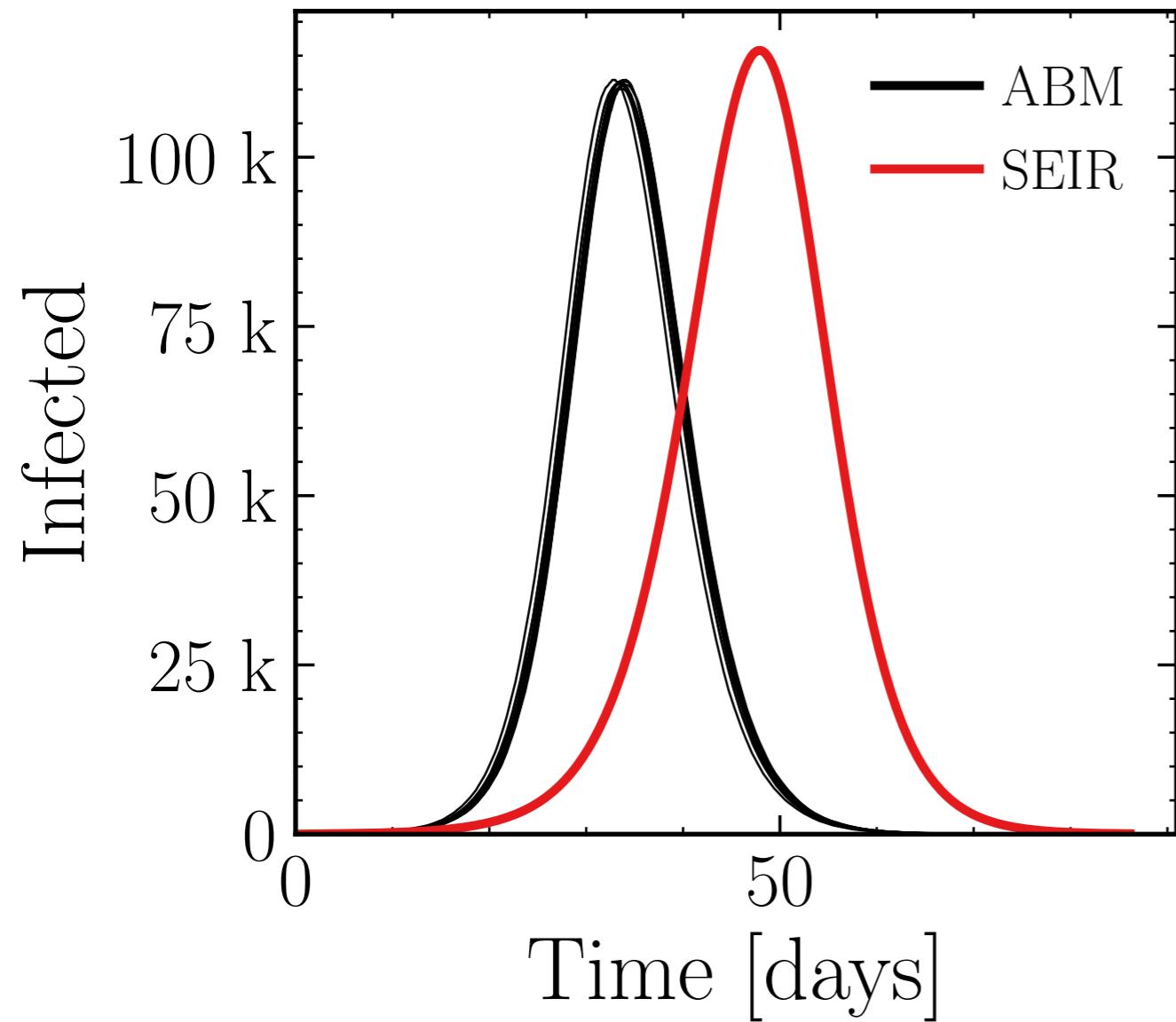
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (111 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = 706fdc98c5, #10

$R_{\infty}^{\text{ABM}} = (422.89 \pm 0.024\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

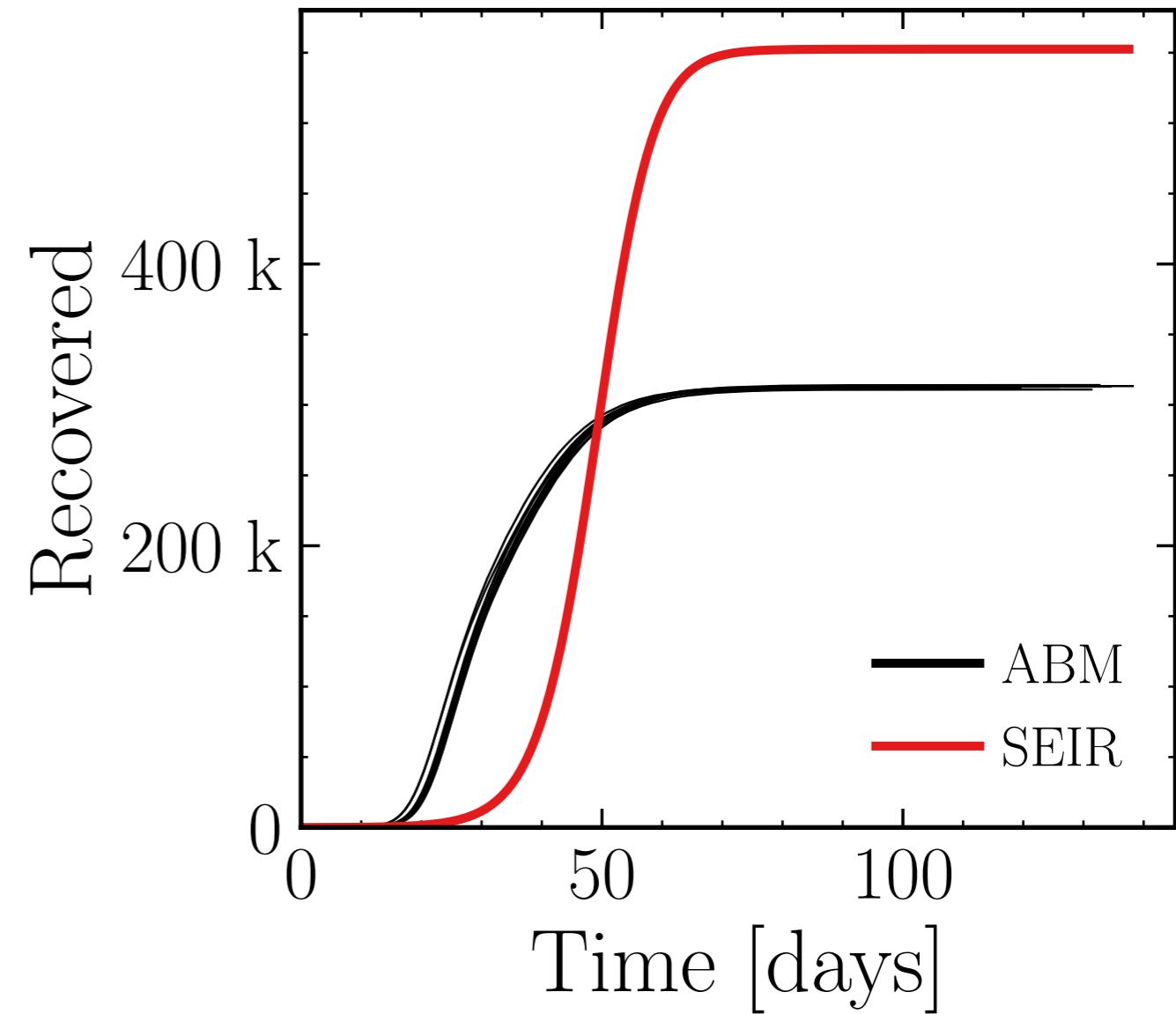
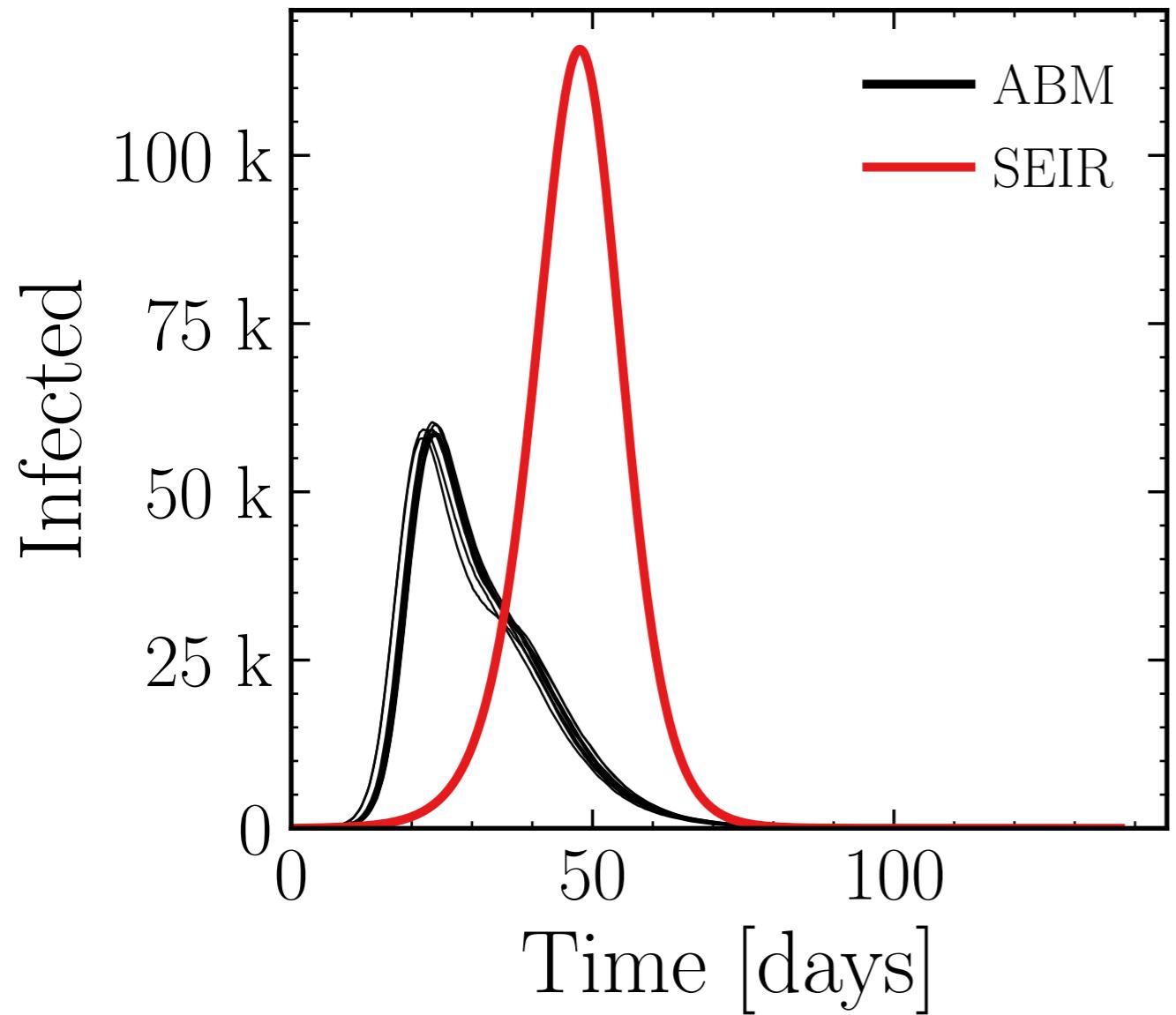
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (59.1 \pm 0.37\%) \cdot 10^3$

v. = 1.0, hash = 26f744f076, #10

$R_{\infty}^{\text{ABM}} = (312.8 \pm 0.084\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

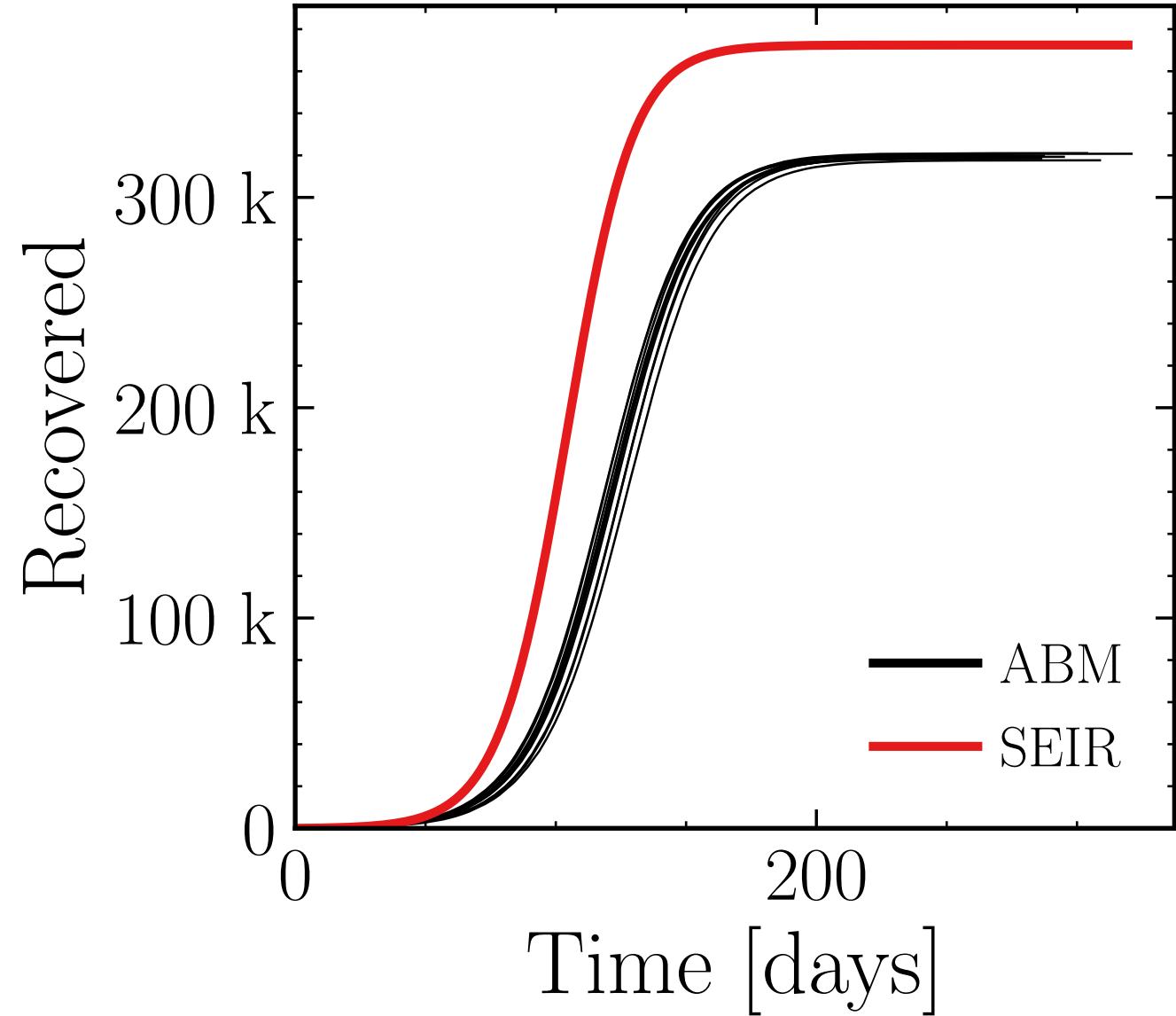
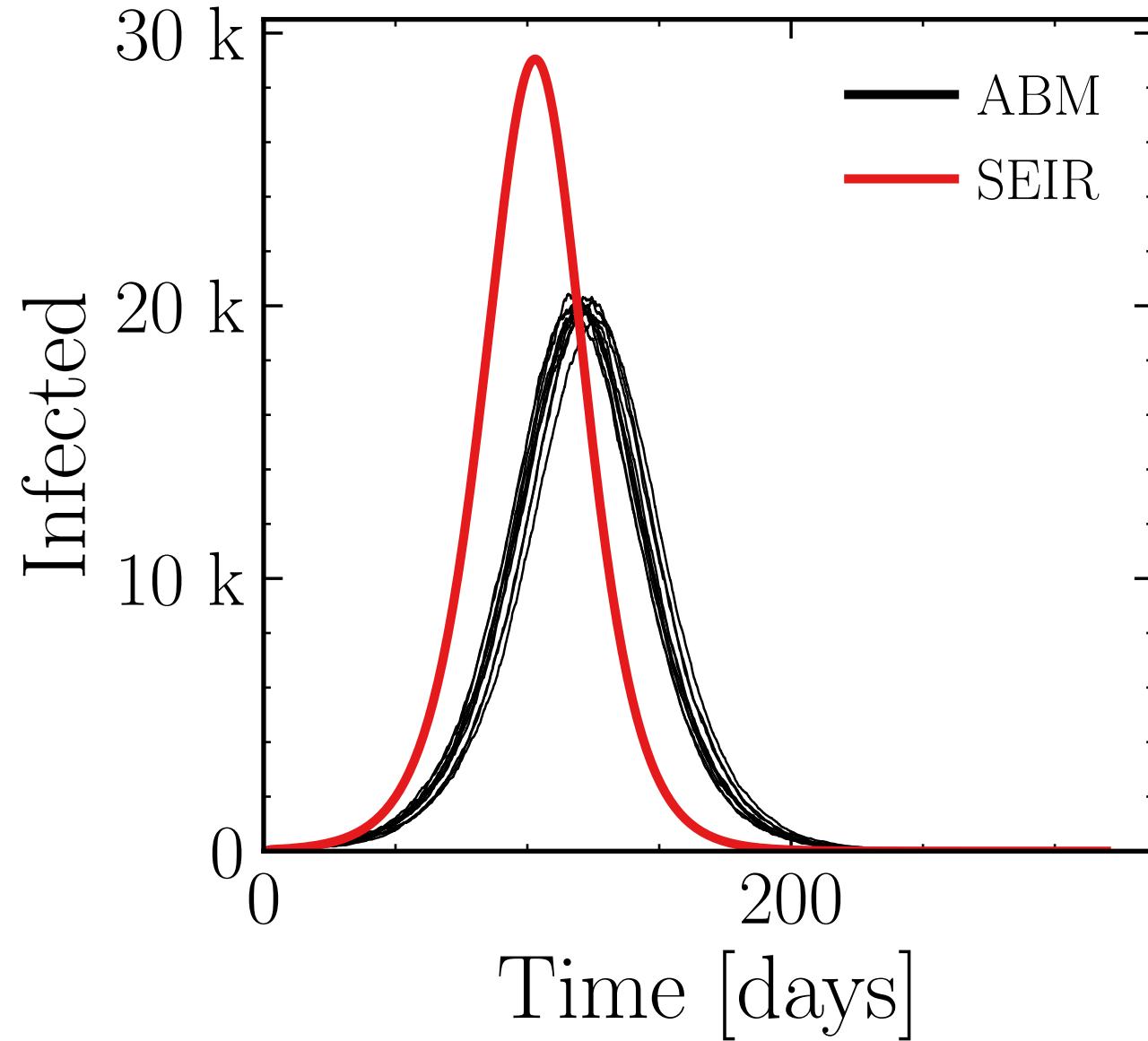
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (20.04 \pm 0.39\%) \cdot 10^3$

v. = 1.0, hash = cfb9b0178e, #10

$R_{\infty}^{\text{ABM}} = (319.4 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

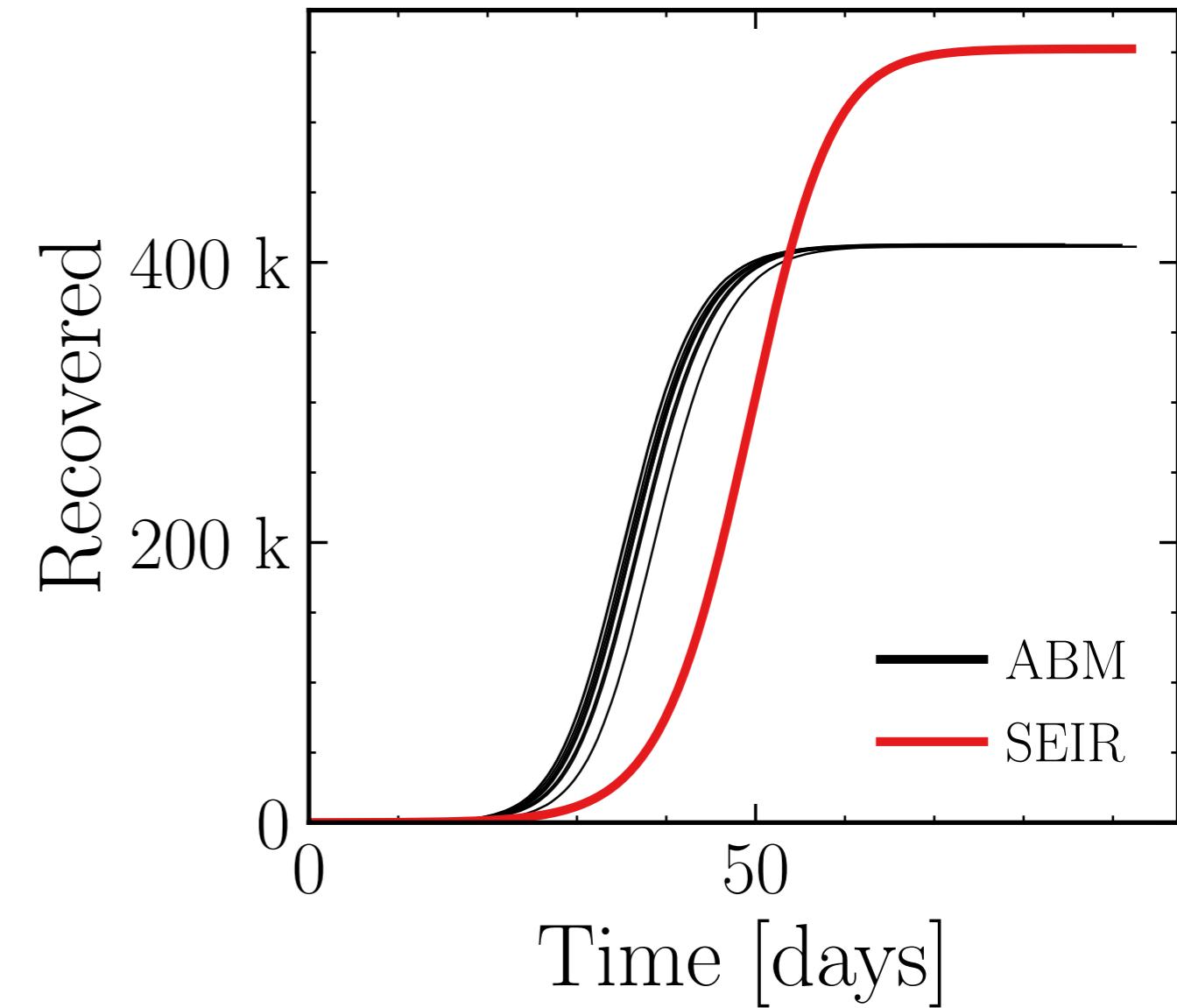
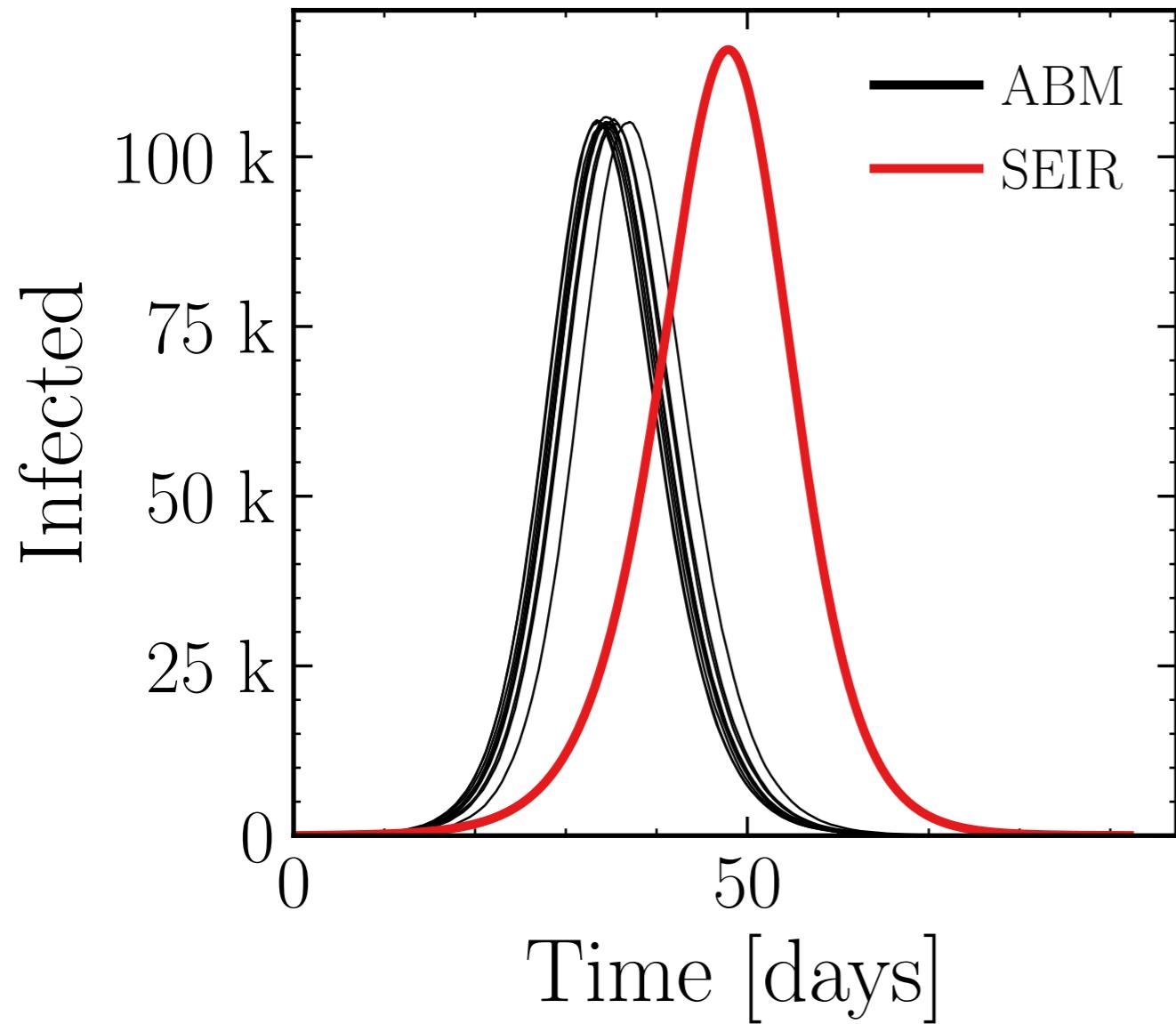
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (105.1 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = d5eff2449e, #10

$R_{\infty}^{\text{ABM}} = (412.2 \pm 0.039\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

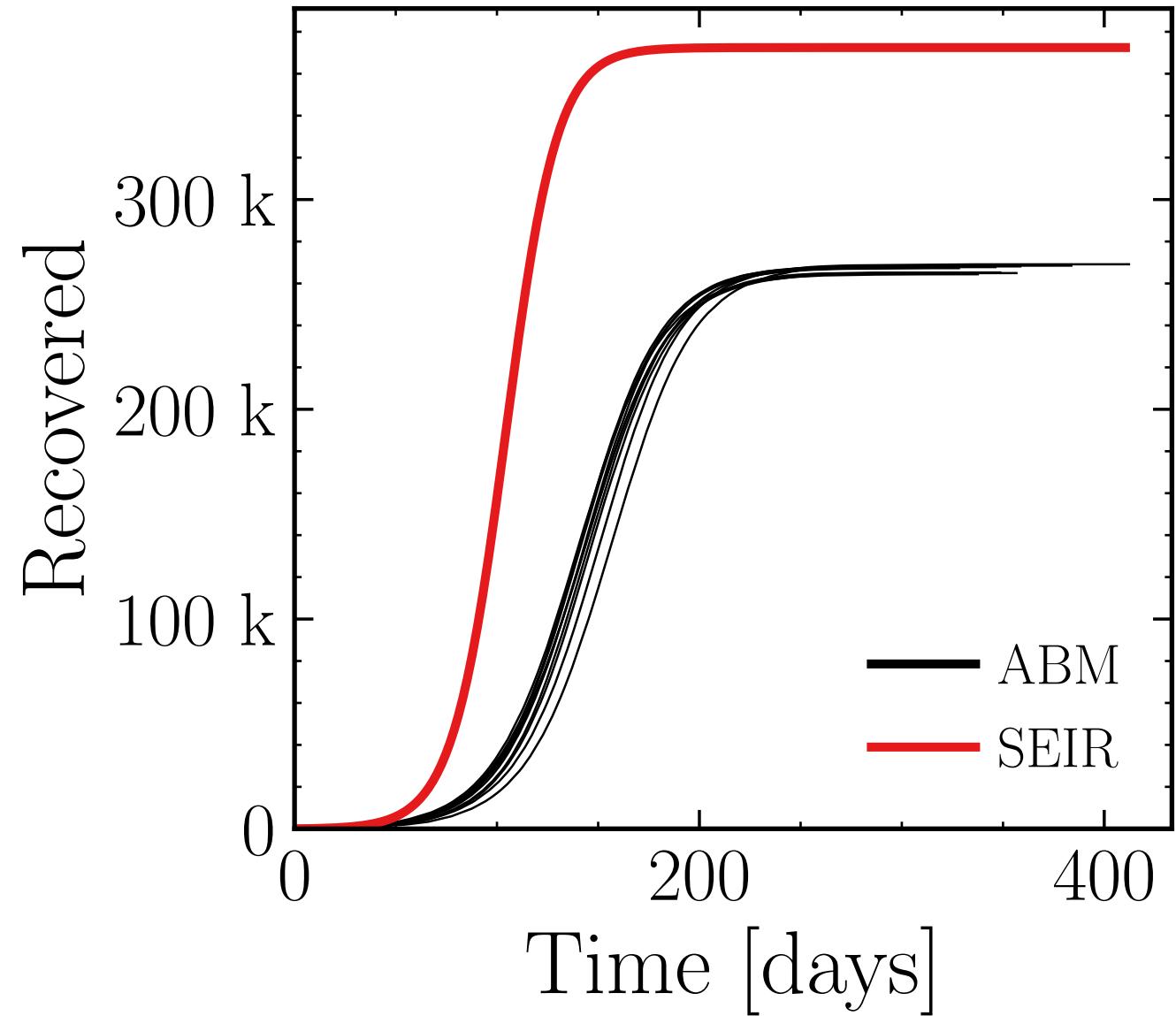
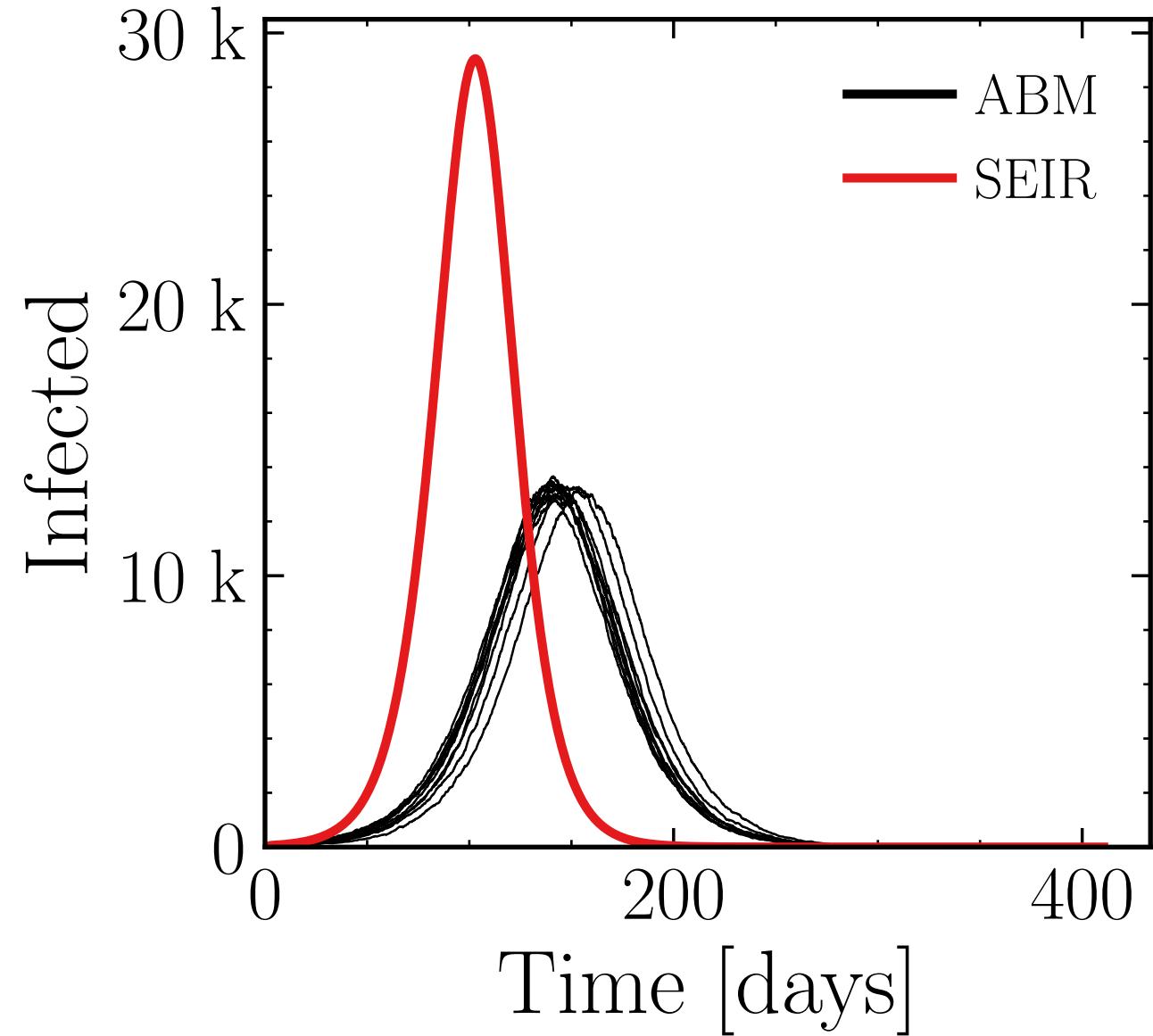
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (13.26 \pm 0.52\%) \cdot 10^3$

v. = 1.0, hash = 1636143eea, #10

$R_{\infty}^{\text{ABM}} = (266.9 \pm 0.2\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

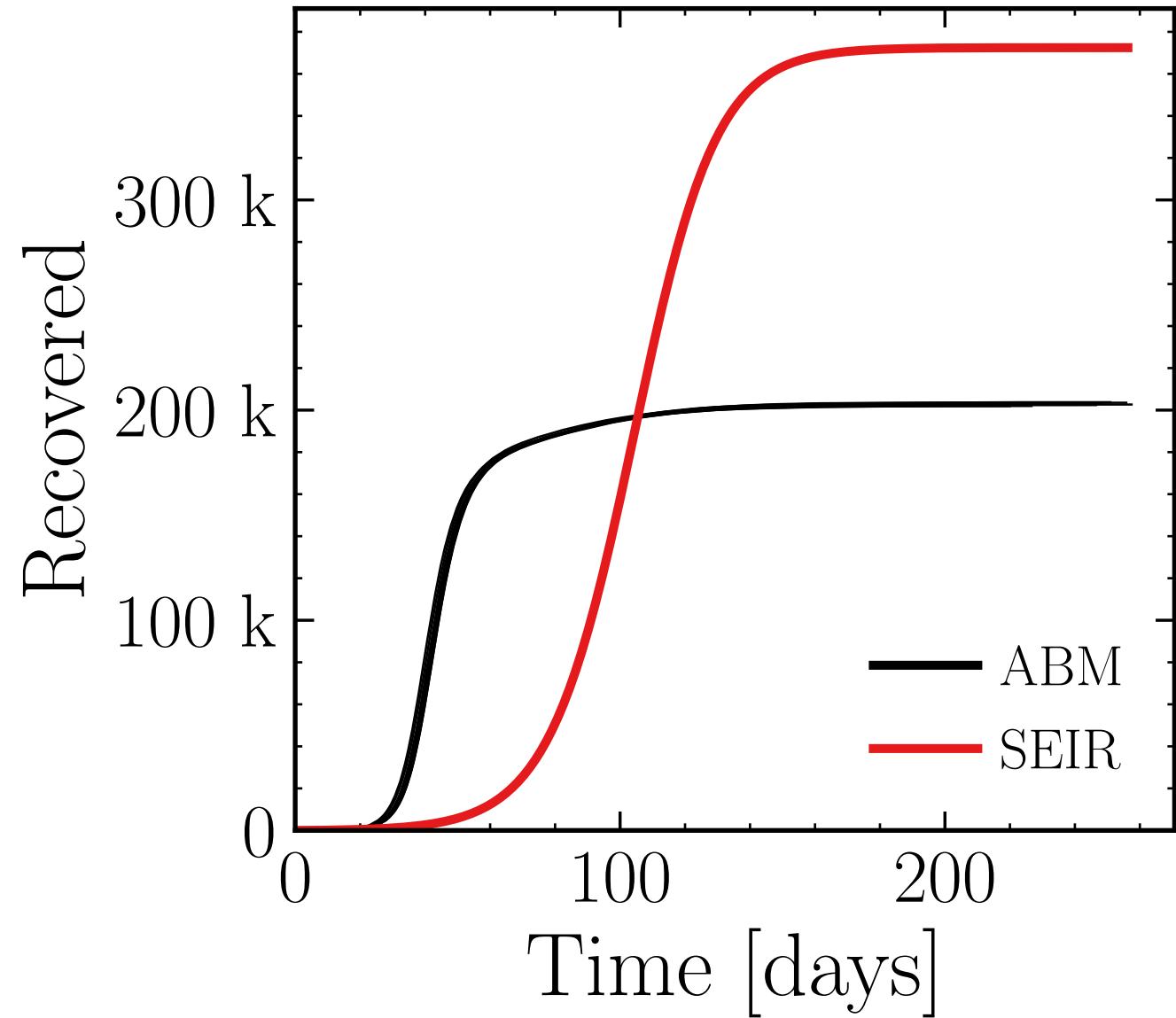
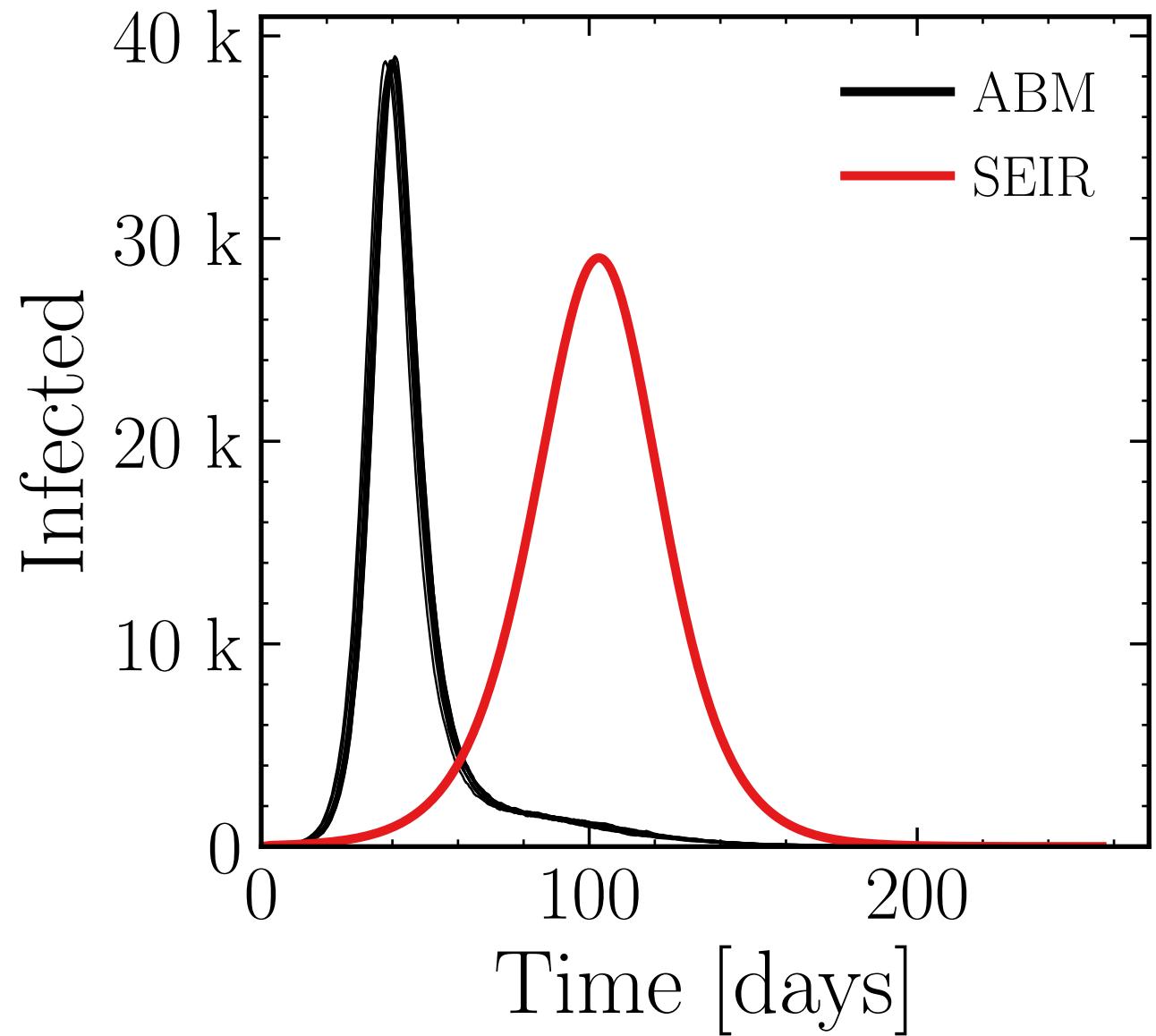
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (38.7 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = dea6571a29, #10

$R_{\infty}^{\text{ABM}} = (202.9 \pm 0.098\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

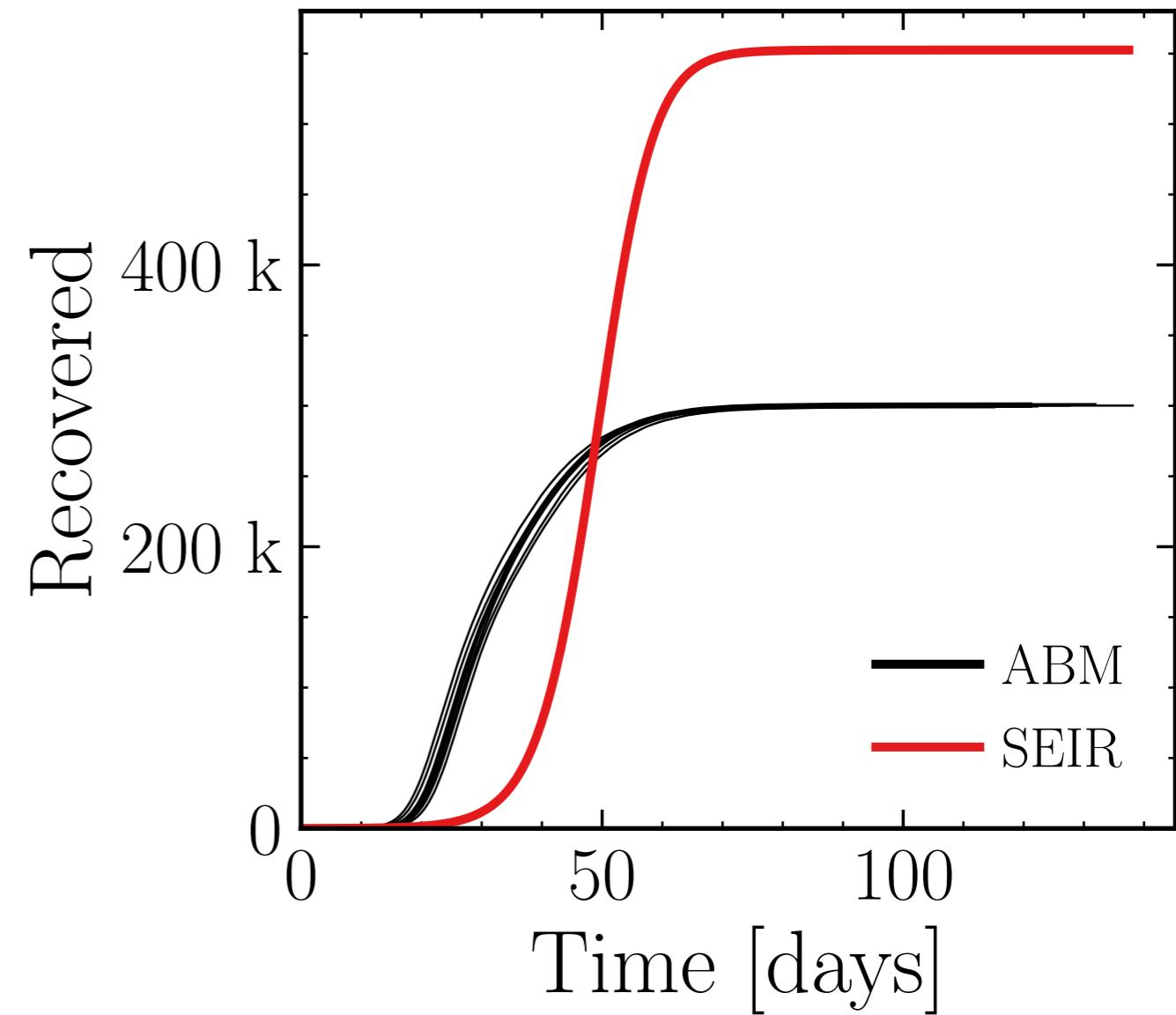
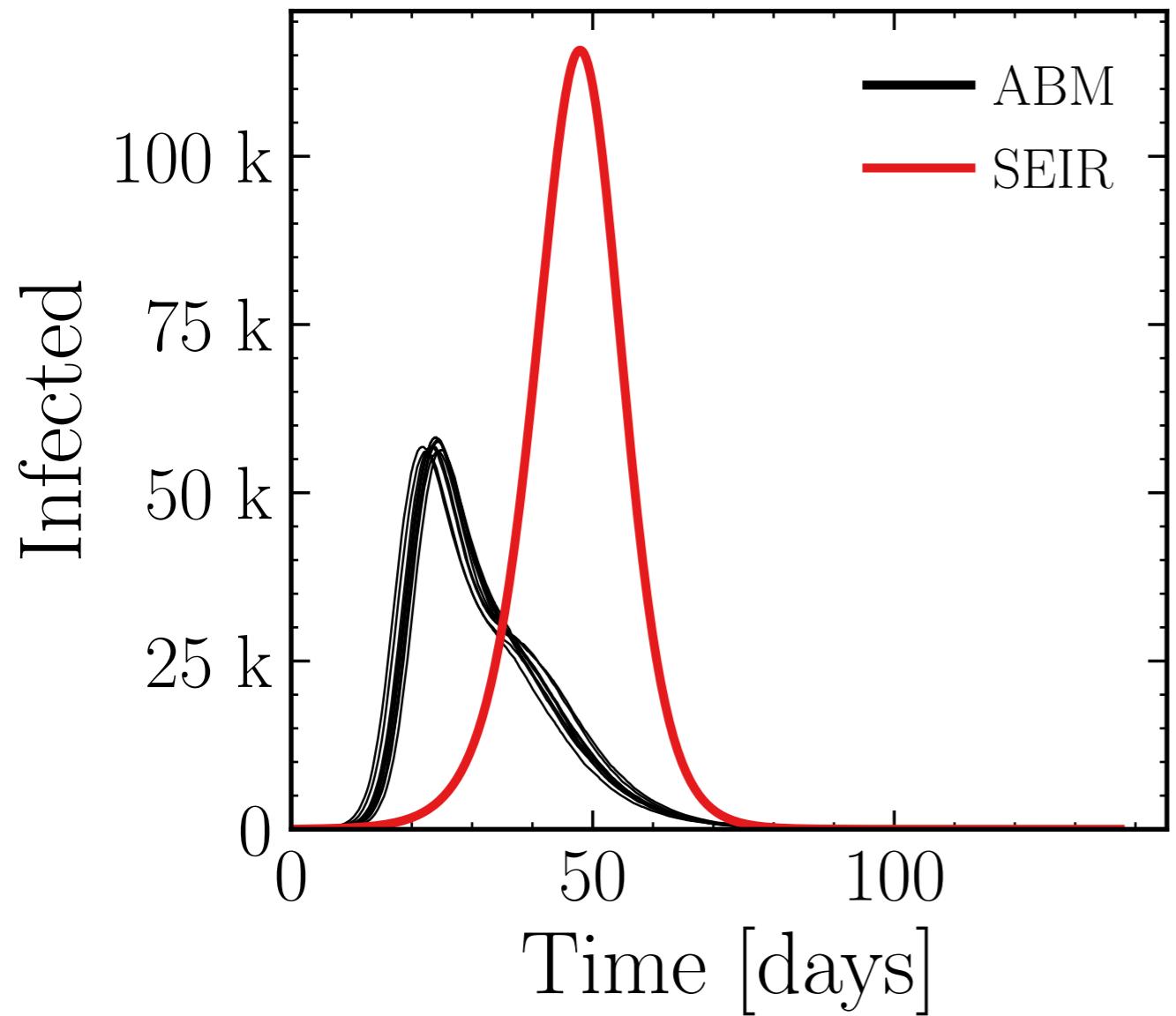
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (57.1 \pm 0.42\%) \cdot 10^3$

v. = 1.0, hash = 3ba8515e7d, #10

$R_{\infty}^{\text{ABM}} = (300.1 \pm 0.086\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

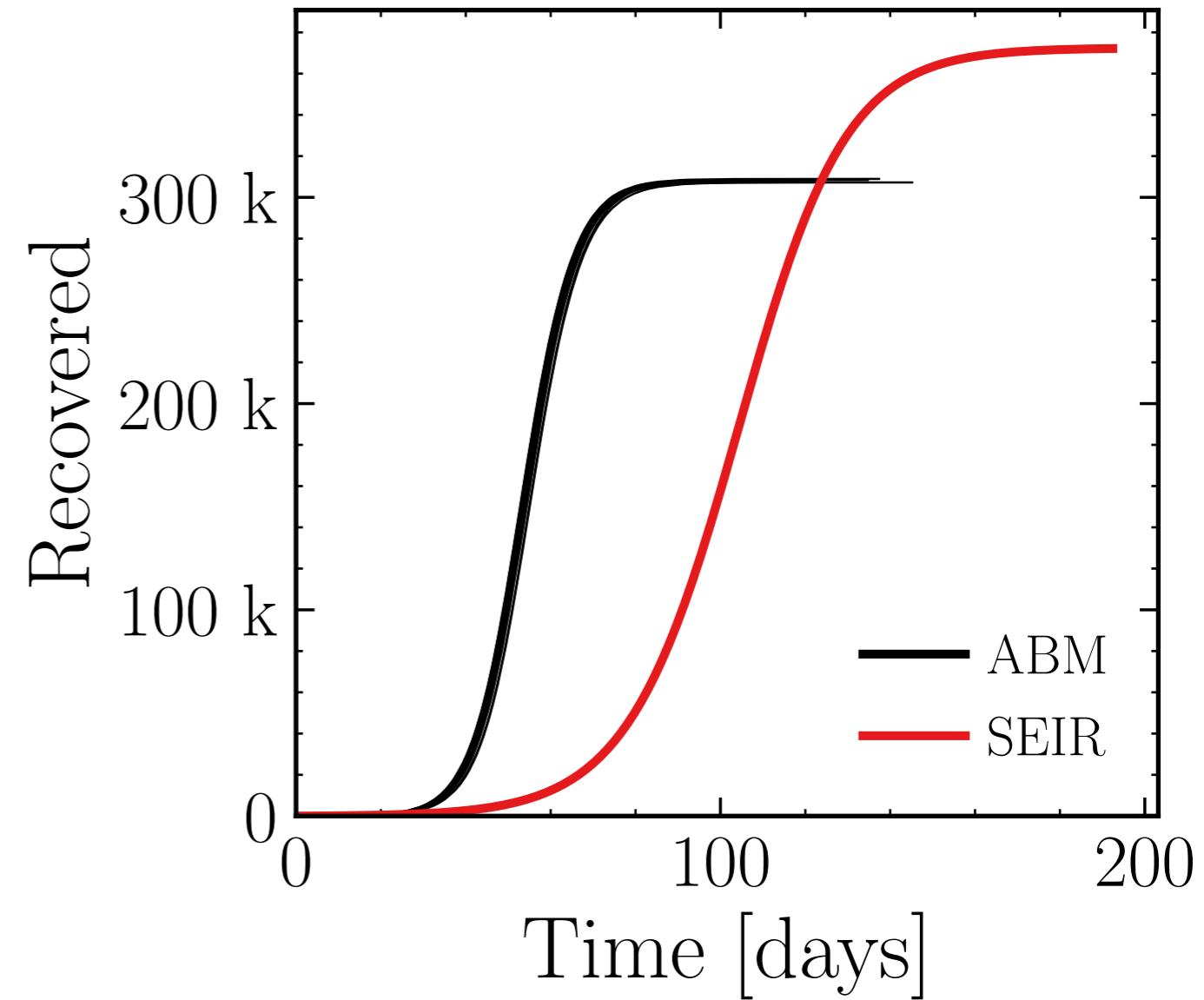
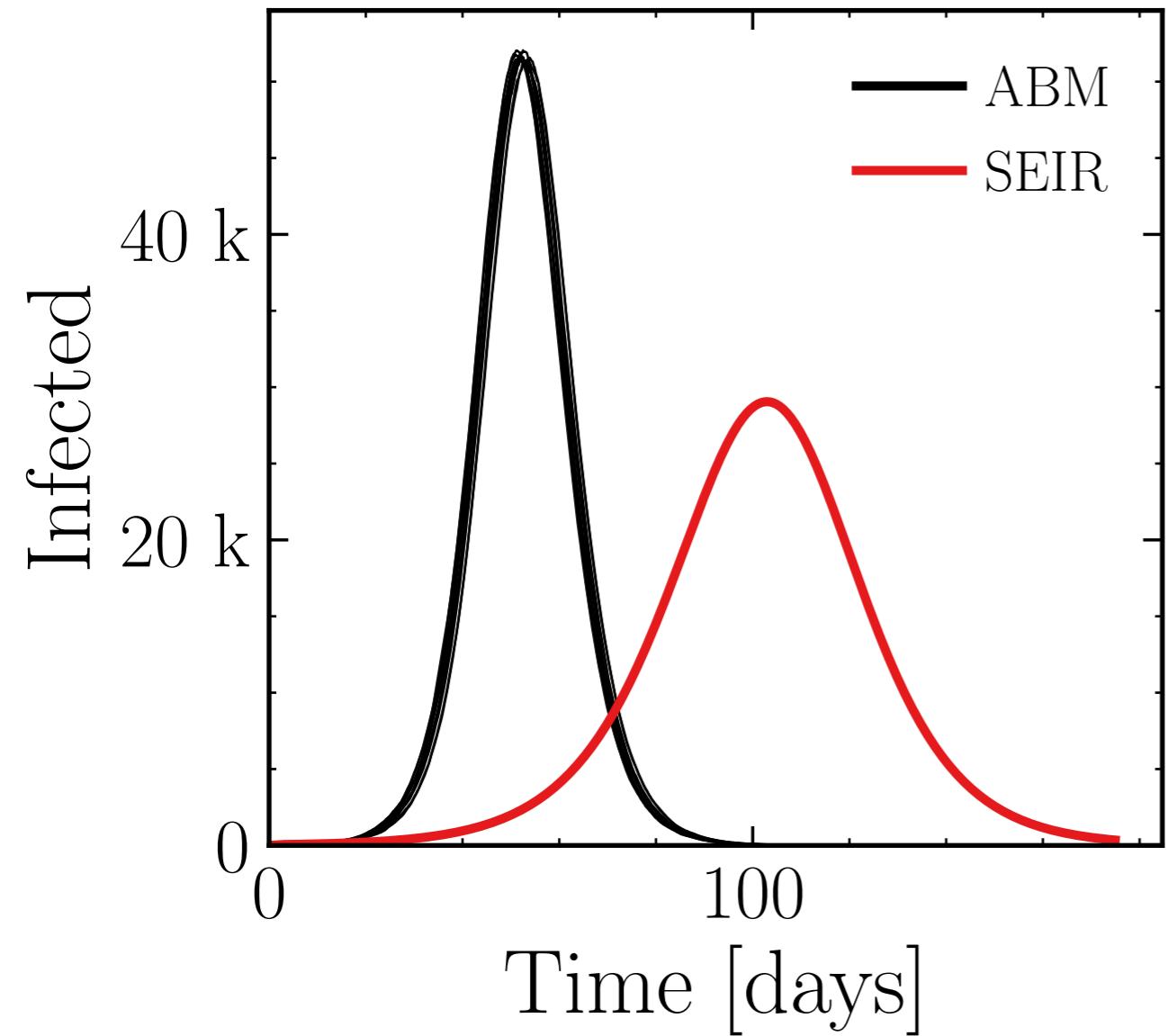
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (51.65 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 9f2c26422c, #10

$R_{\infty}^{\text{ABM}} = (308.2 \pm 0.055\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

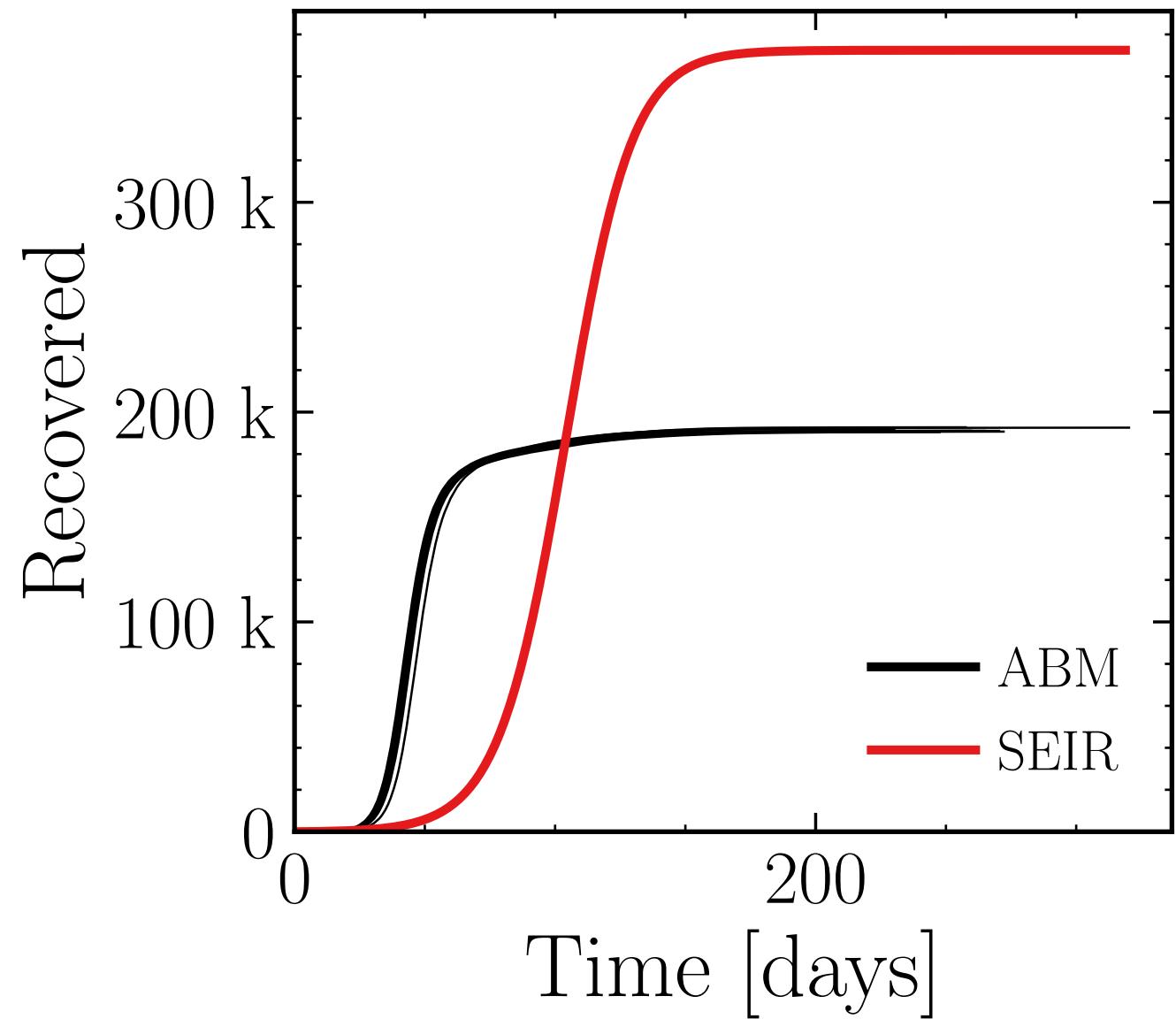
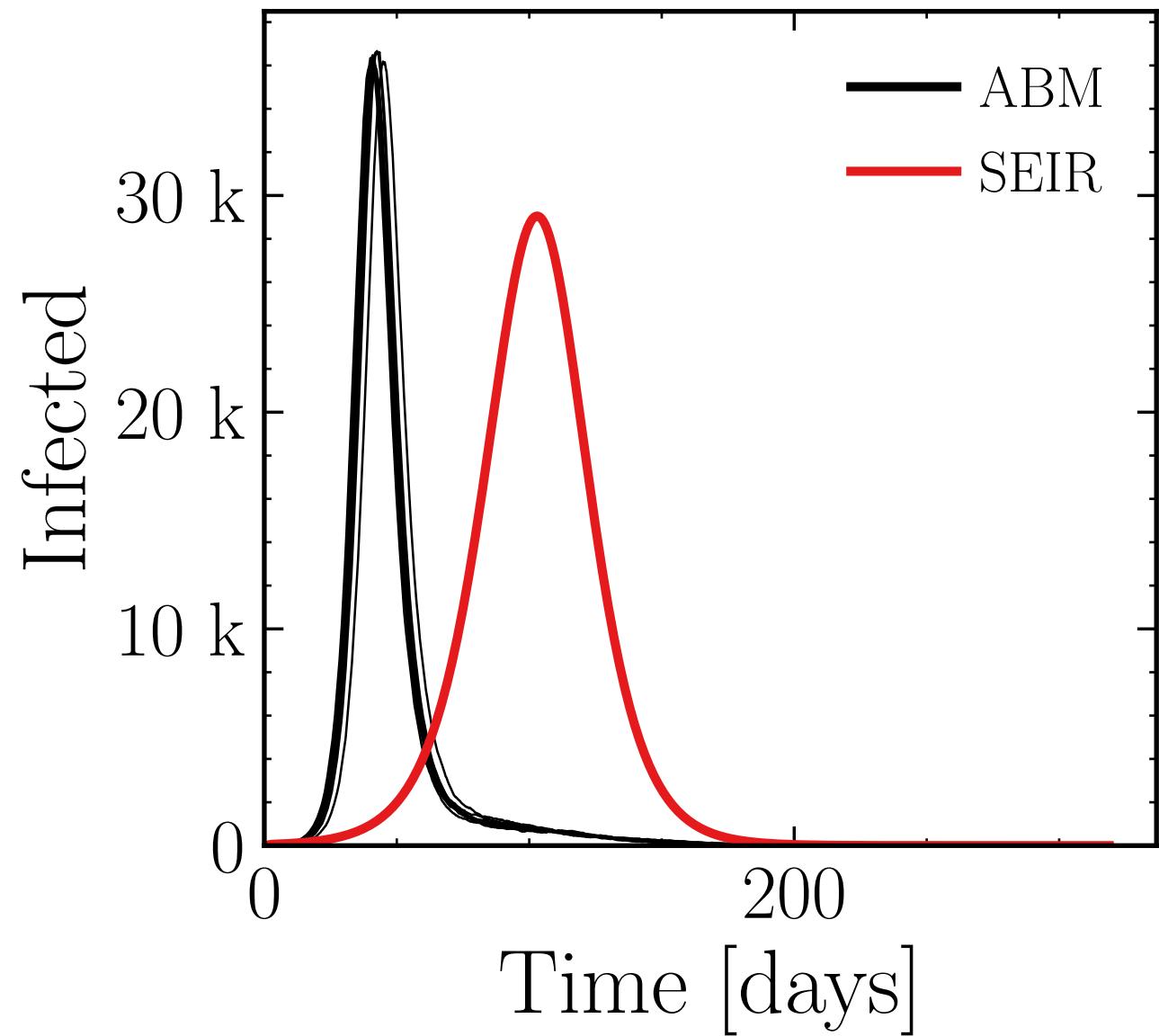
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (36.31 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 9dfe73cec4, #10

$R_\infty^{\text{ABM}} = (191.5 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

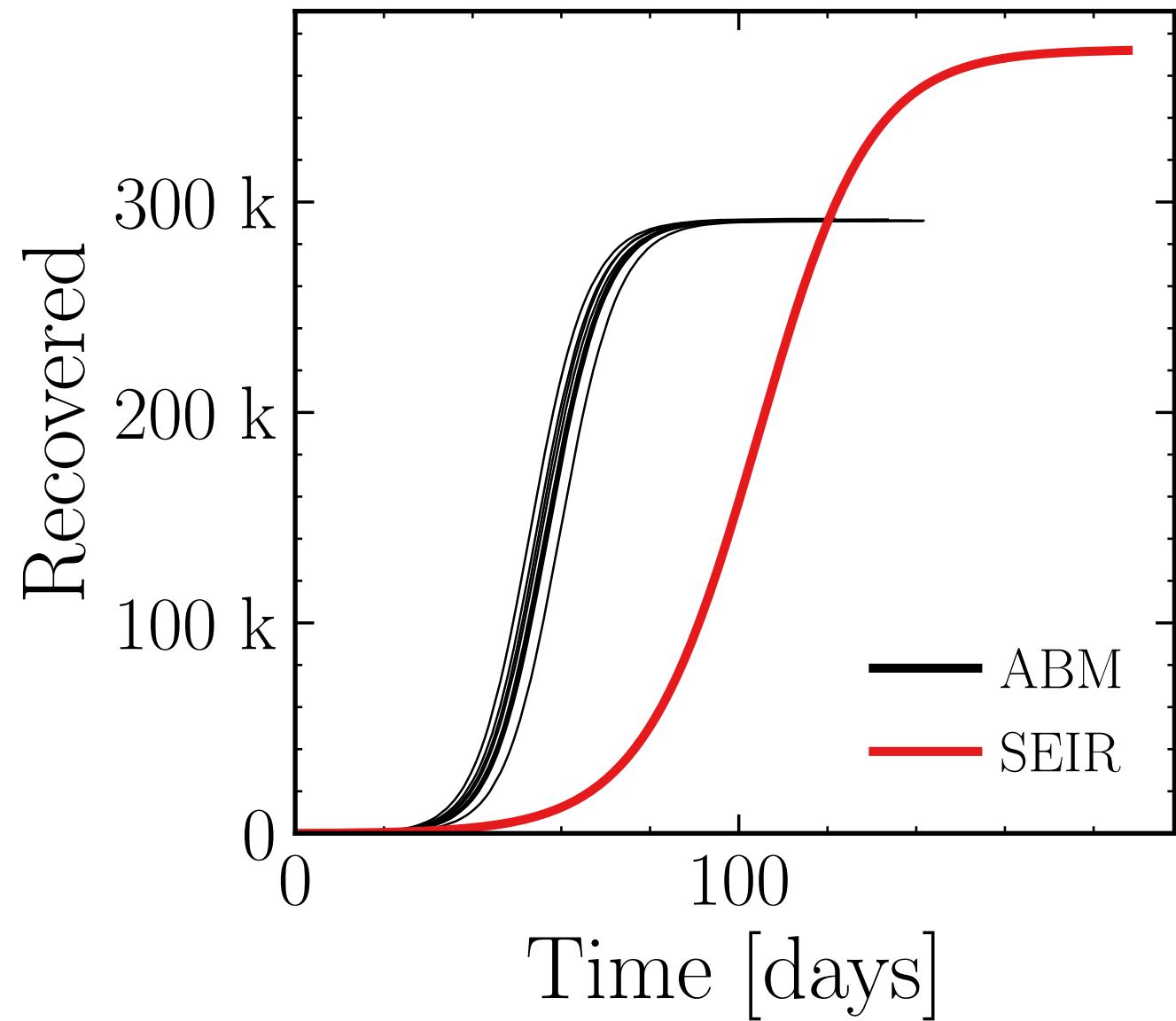
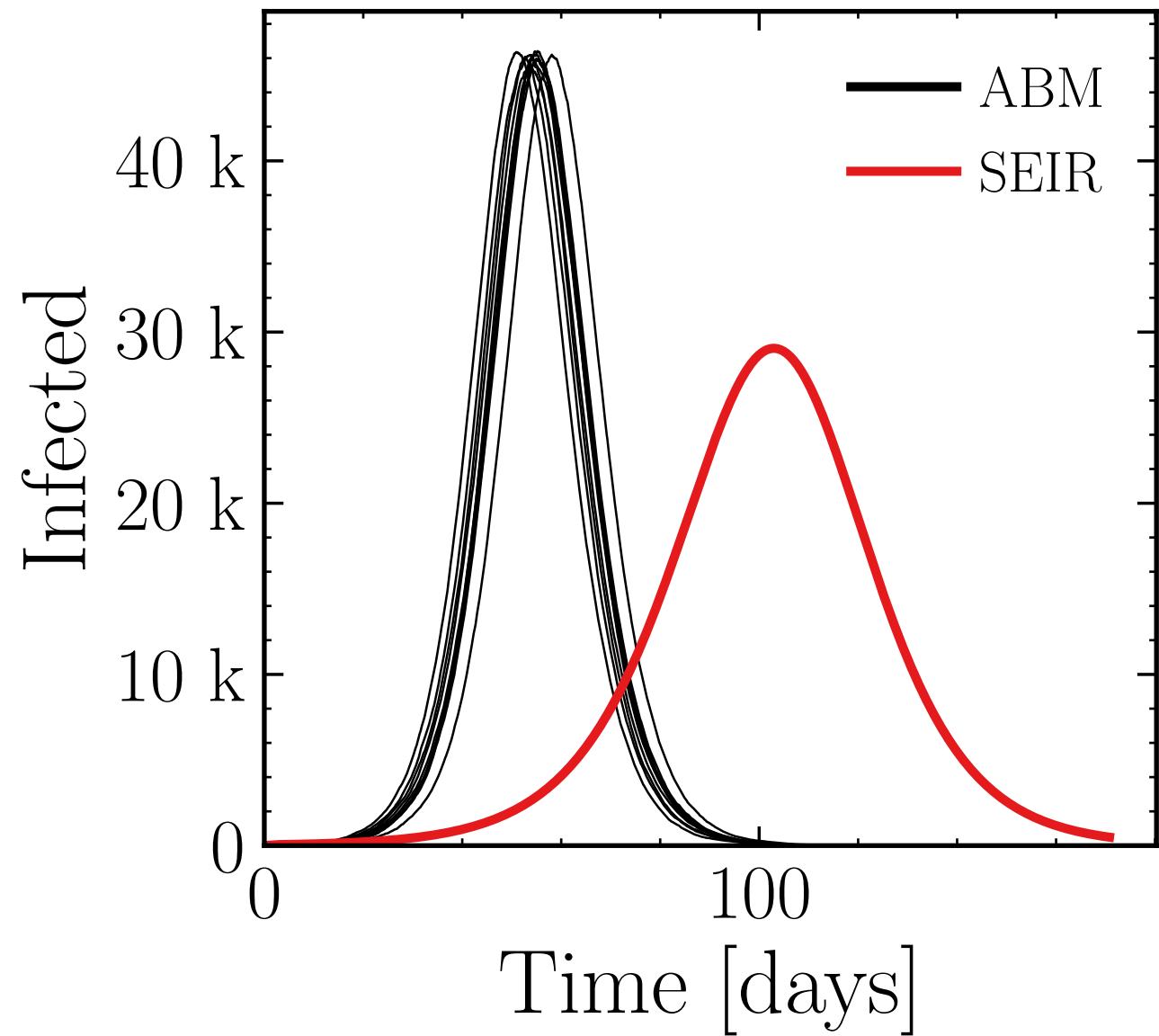
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (46.05 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 4e70e73586, #10

$R_\infty^{\text{ABM}} = (291.2 \pm 0.04\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

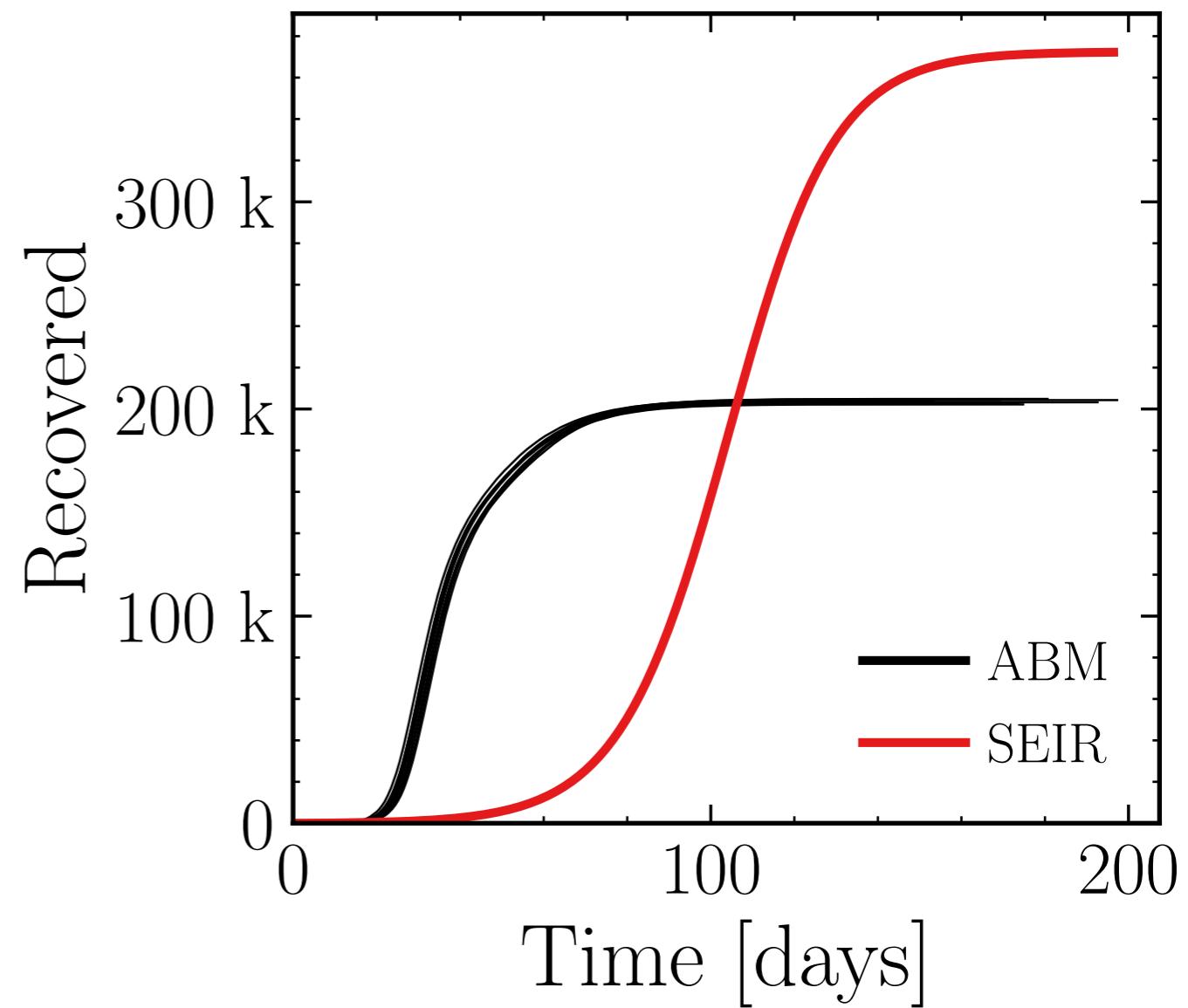
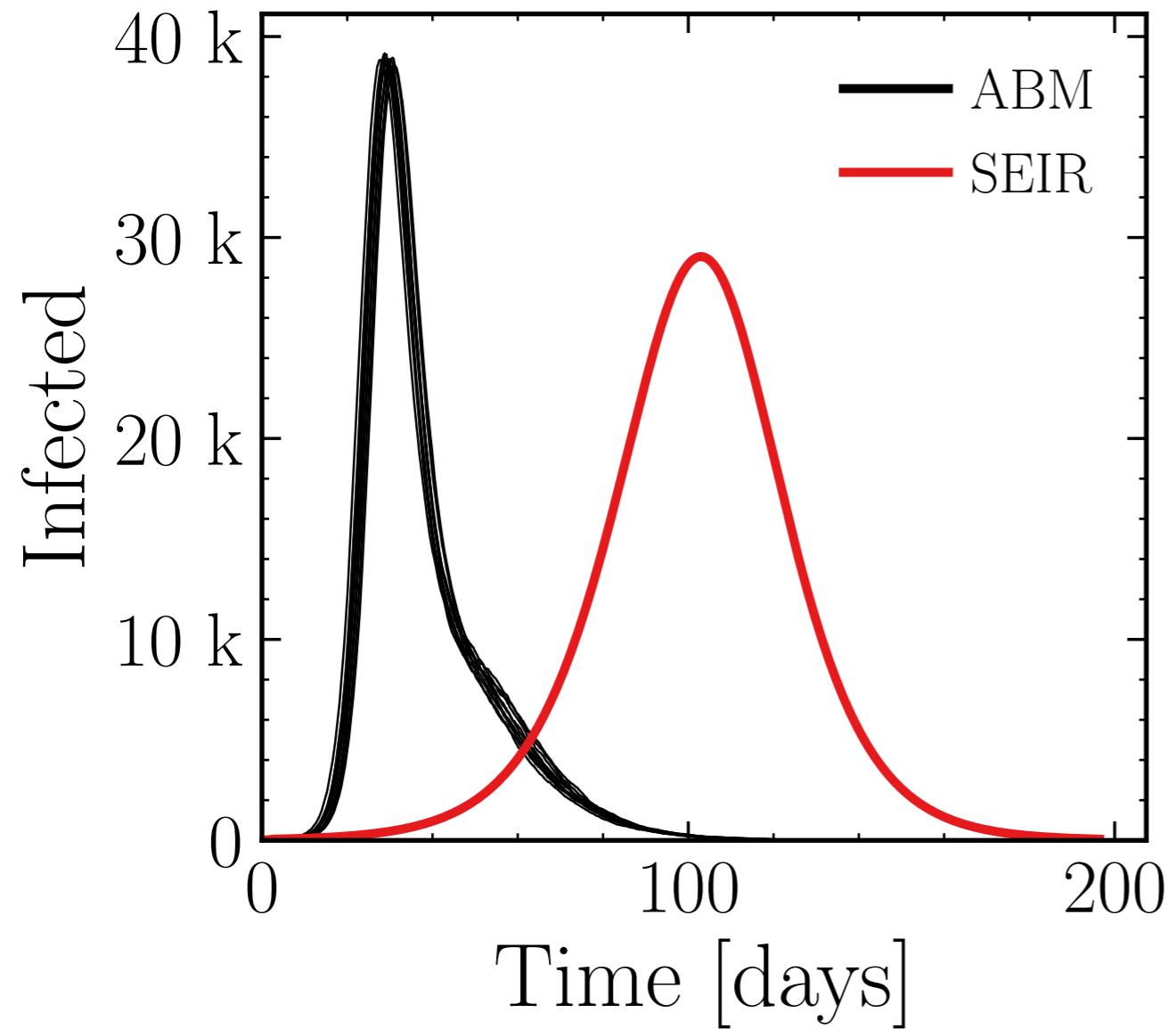
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (38.84 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 1f636f4f38, #10

$R_\infty^{\text{ABM}} = (203.8 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

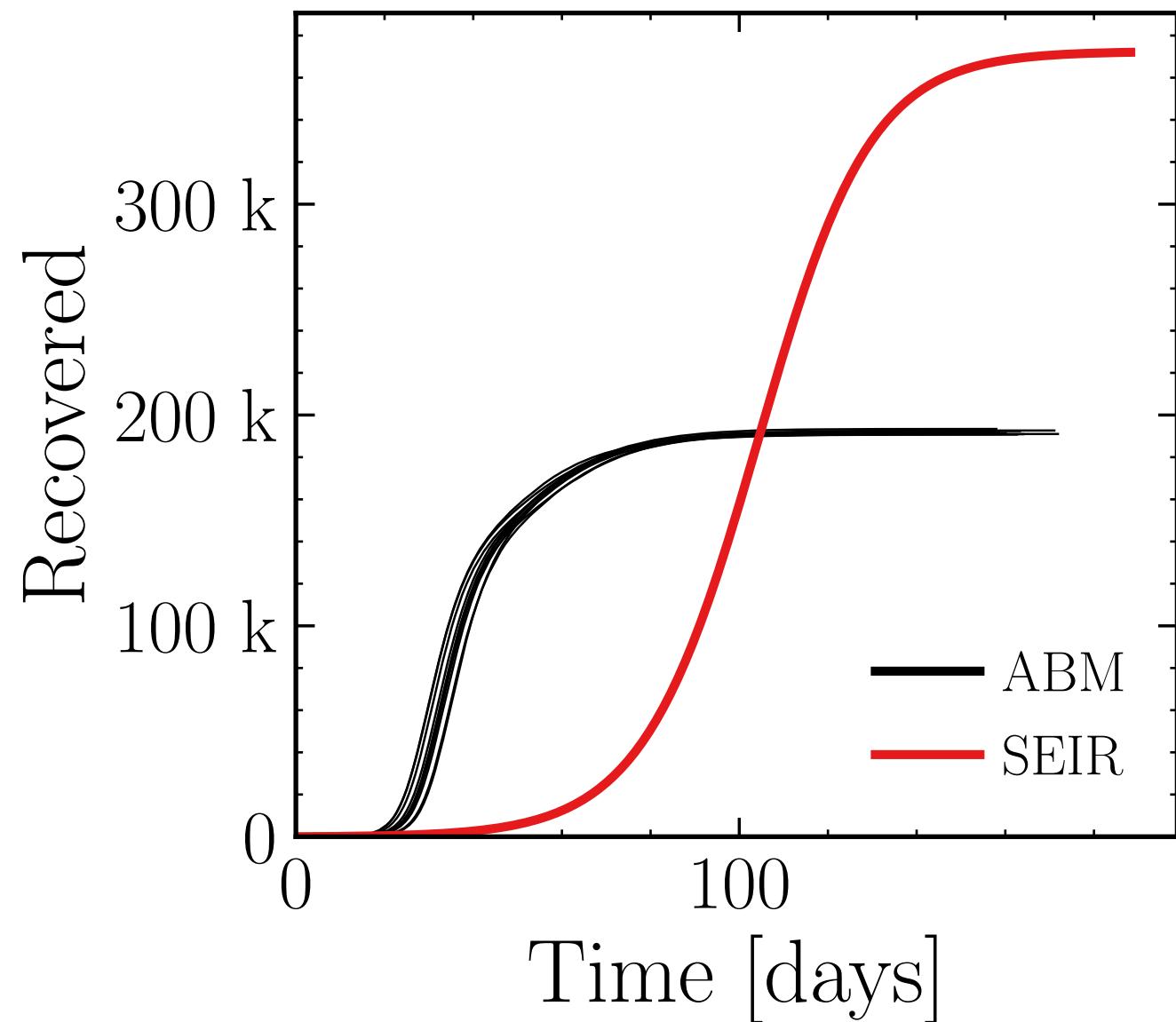
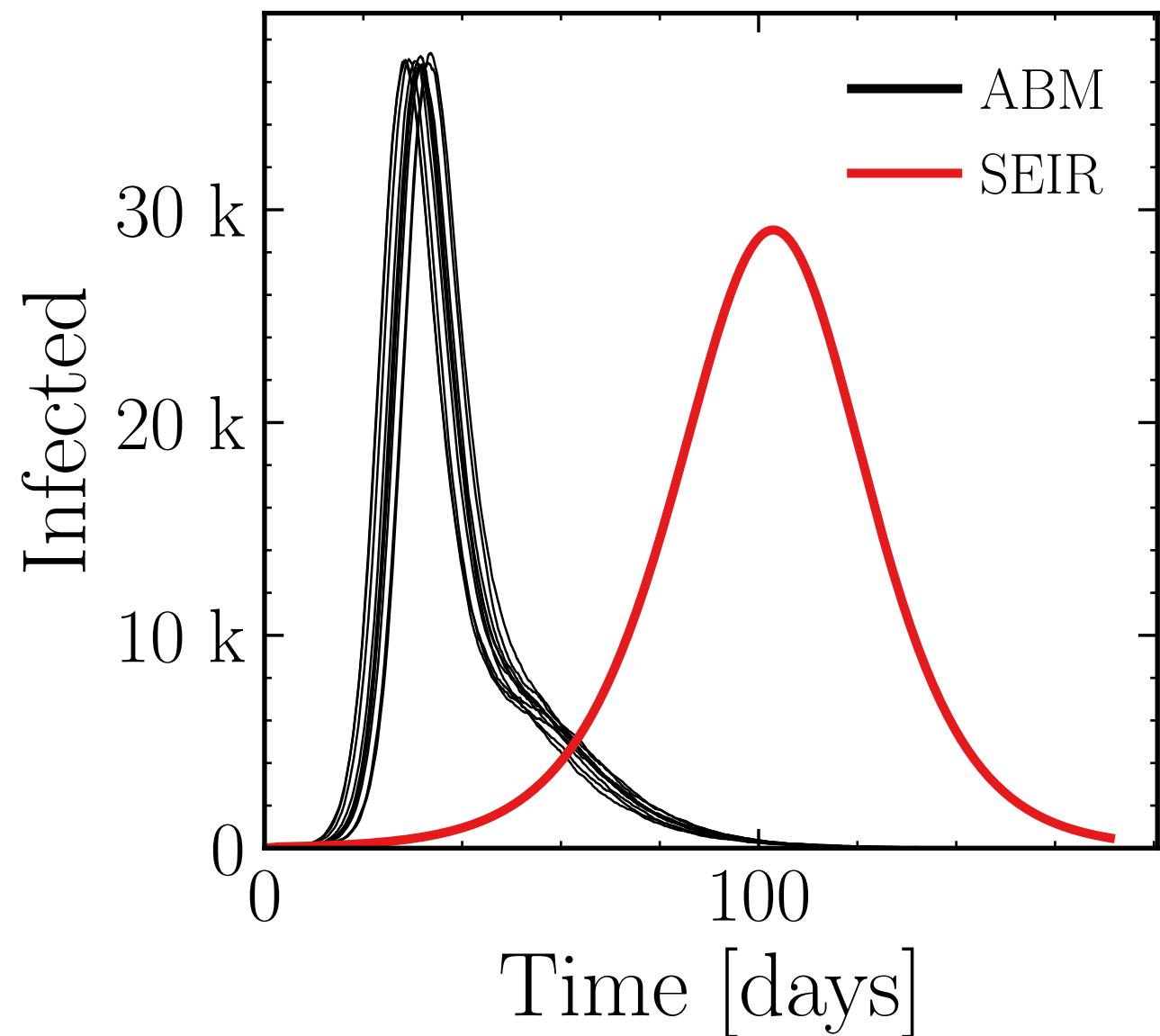
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (37.01 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 82ec6e8b6d, #10

$R_\infty^{\text{ABM}} = (191.7 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$, algo = 2, $N_{\text{init}} = 100$

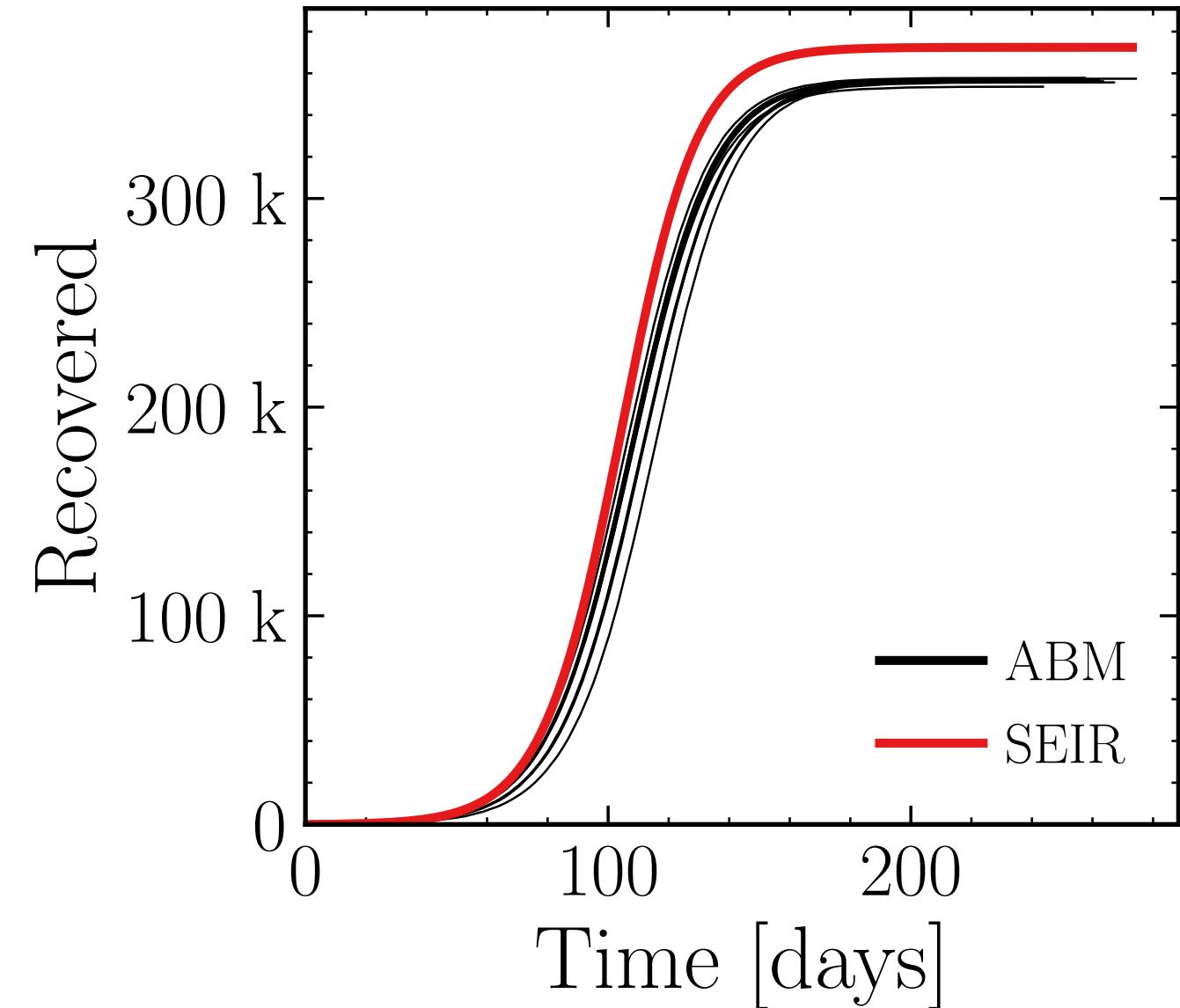
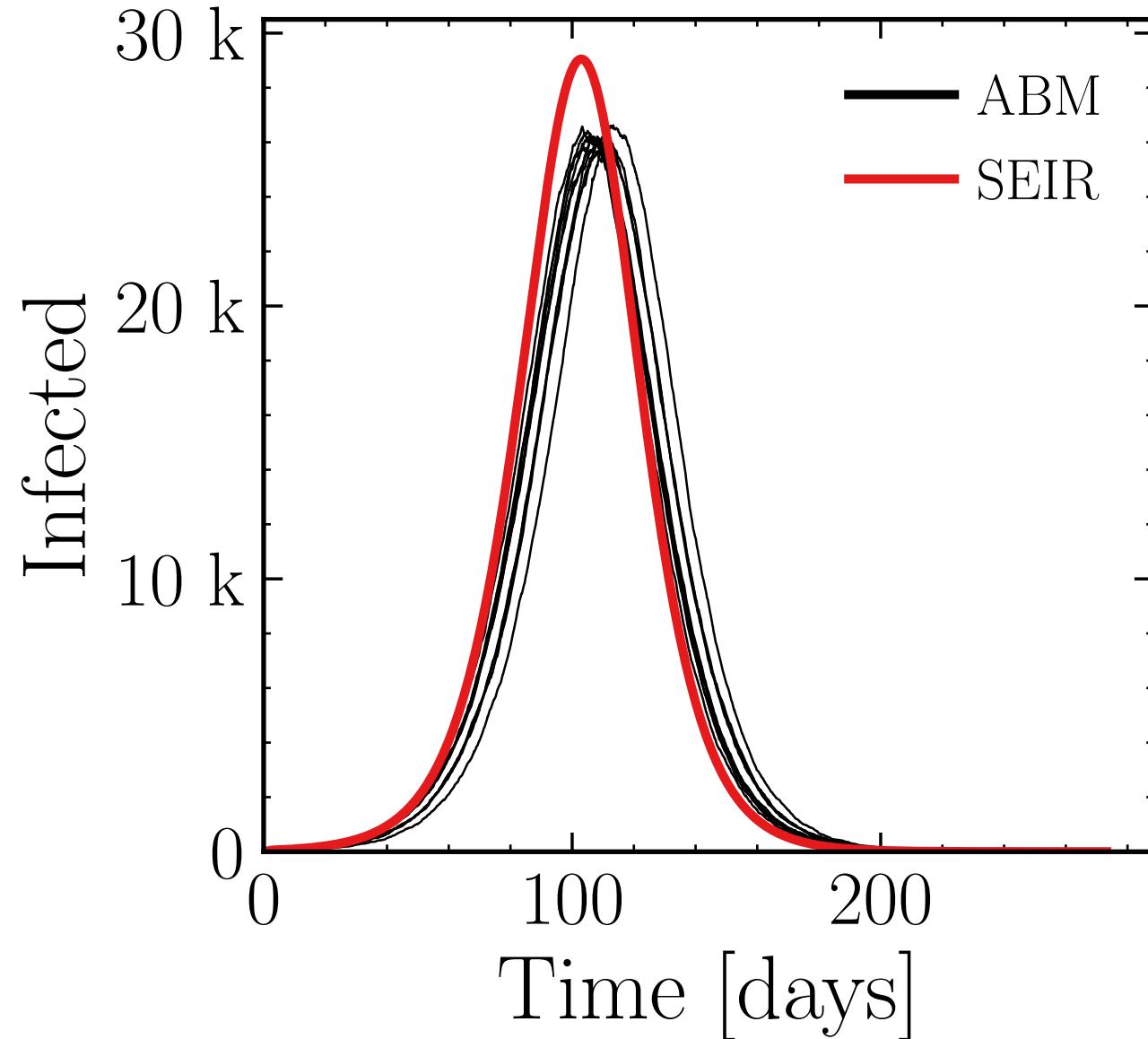
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.19 \pm 0.32\%) \cdot 10^3$

v. = 1.0, hash = 0dea716209, #10

$R_{\infty}^{\text{ABM}} = (356.6 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$, algo = 2, $N_{\text{init}} = 100$

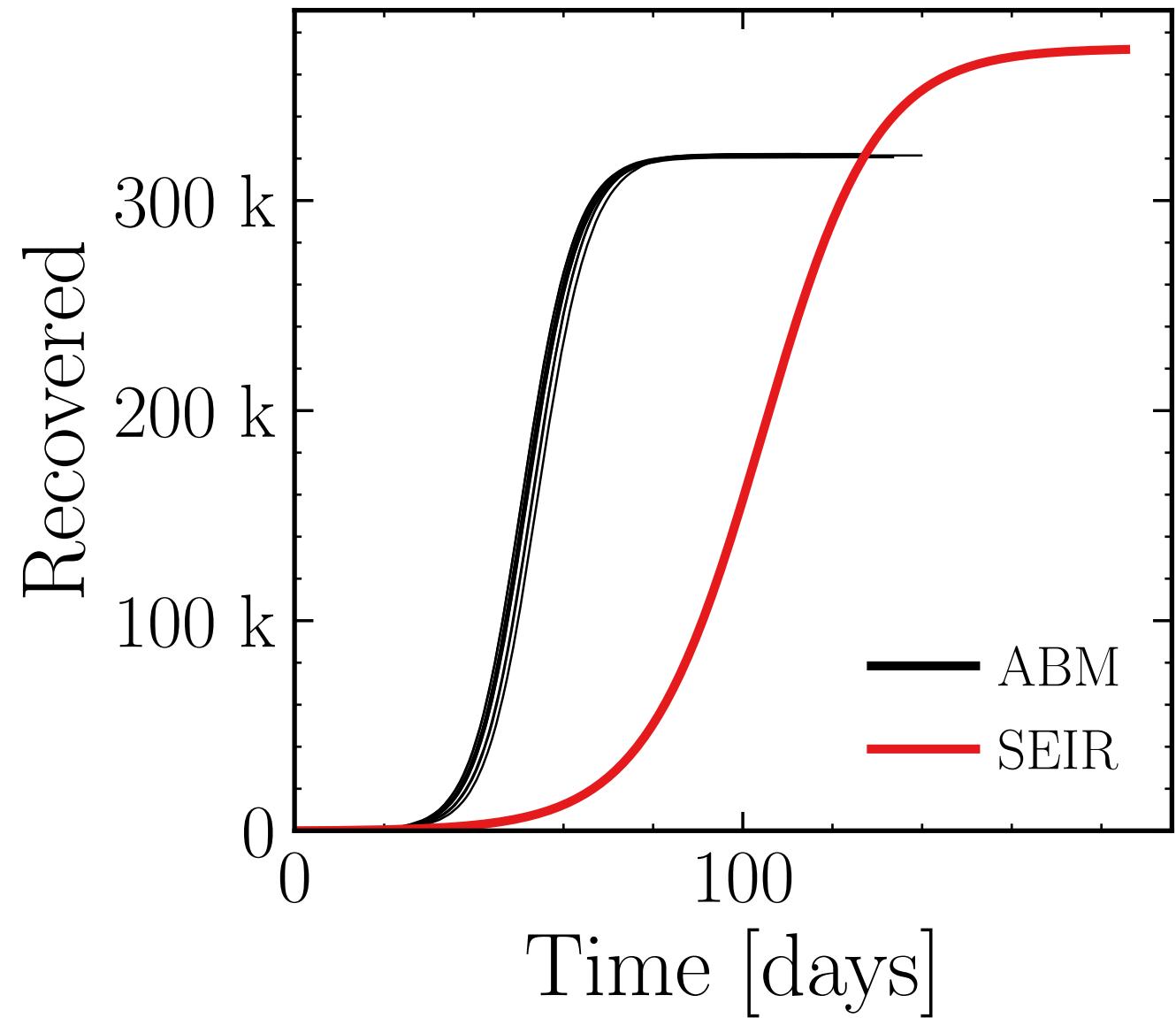
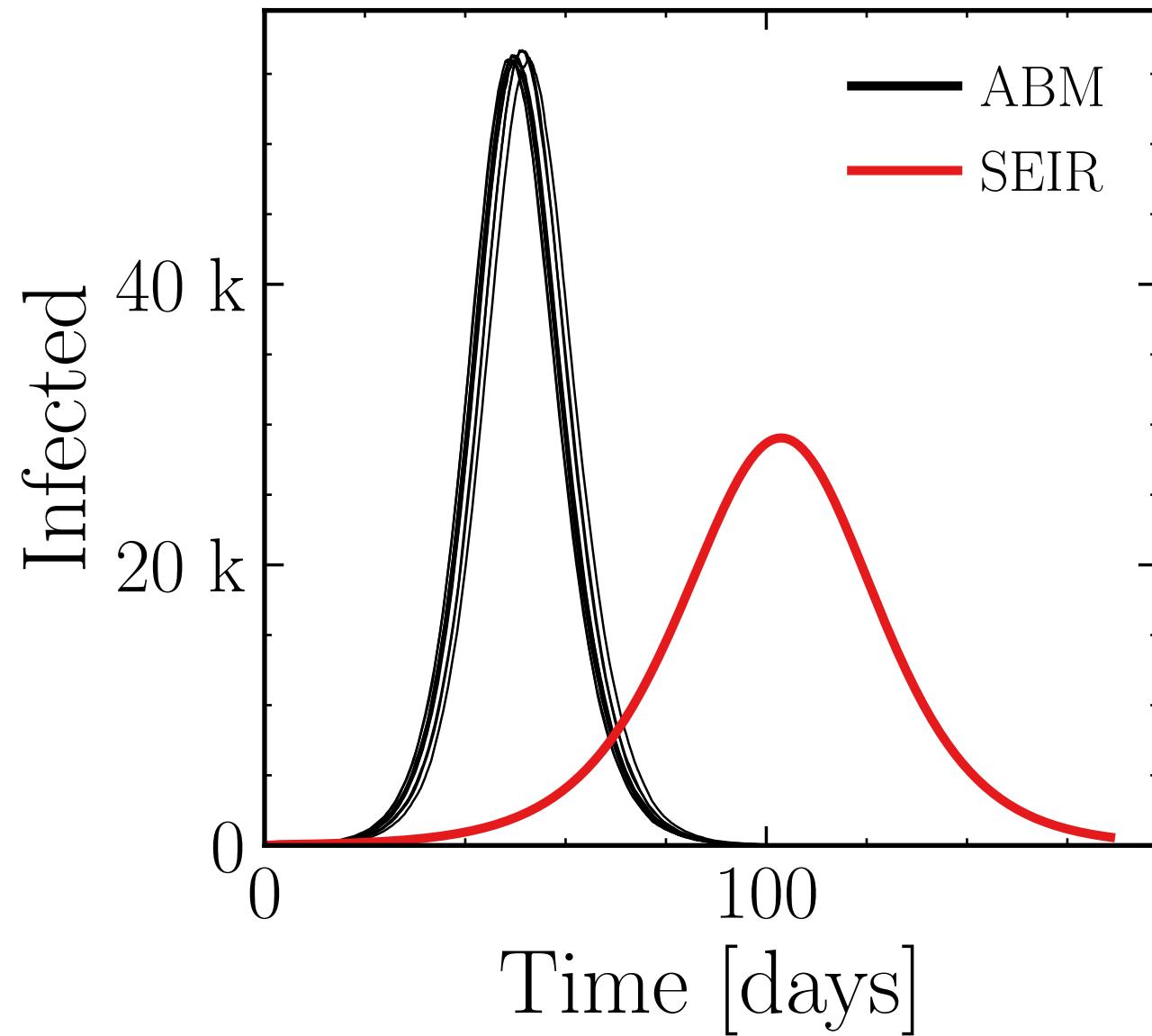
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (56.19 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 0f1d5fcc2, #10

$R_{\infty}^{\text{ABM}} = (321.6 \pm 0.049\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$, algo = 2, $N_{\text{init}} = 100$

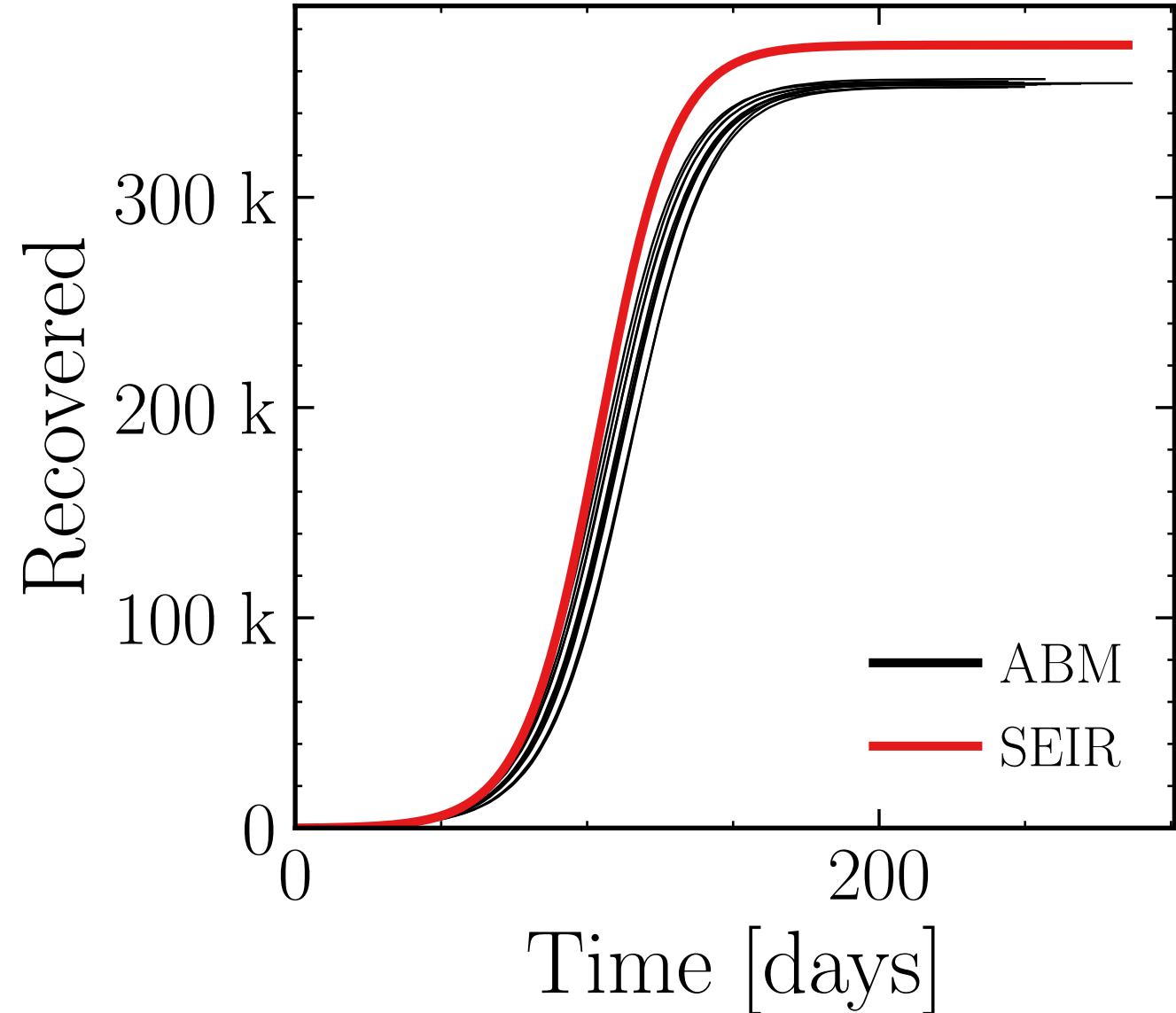
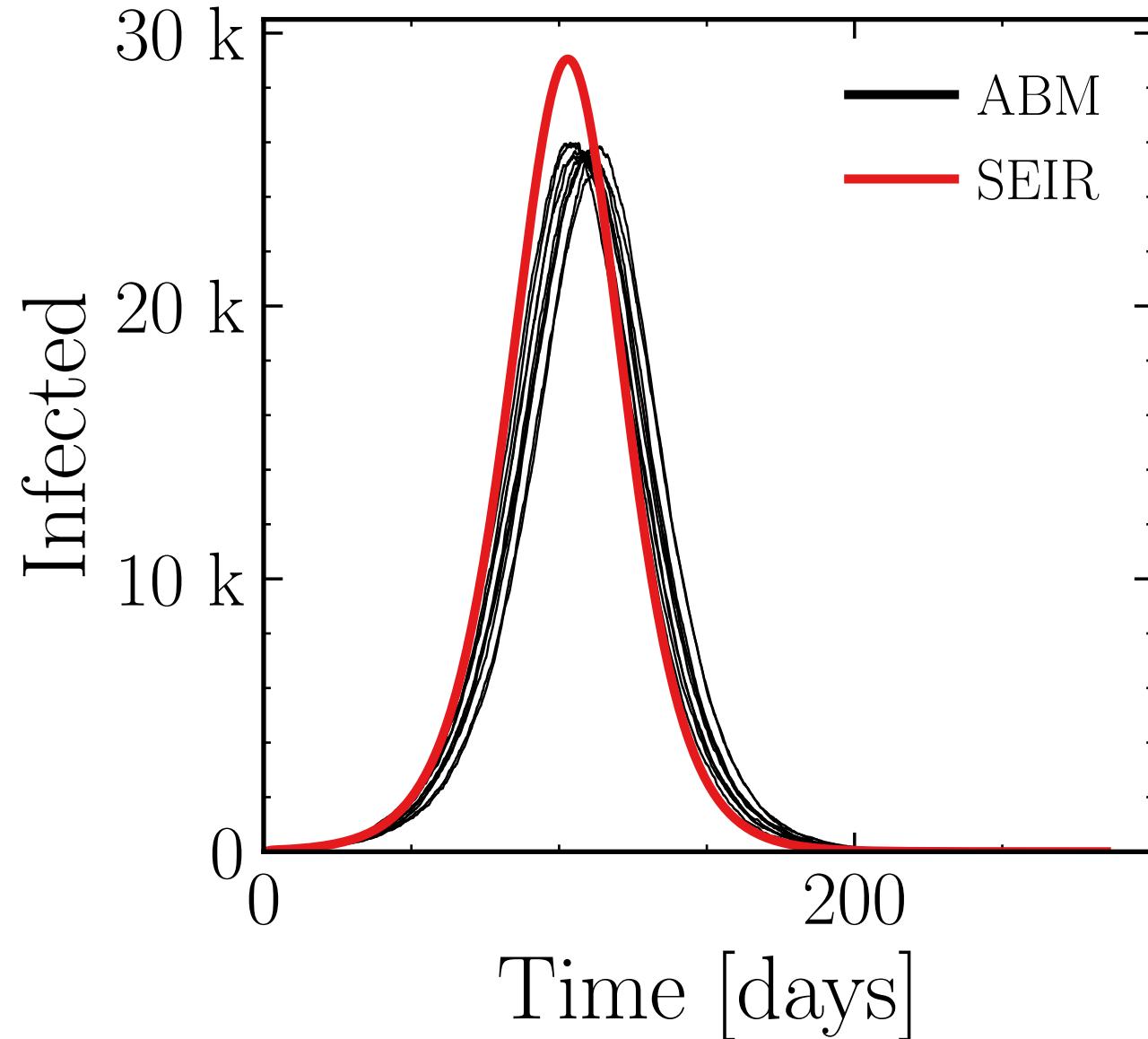
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (25.64 \pm 0.34\%) \cdot 10^3$

v. = 1.0, hash = b78c98eee1, #10

$R_{\infty}^{\text{ABM}} = (354.1 \pm 0.096\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$, algo = 2, $N_{\text{init}} = 100$

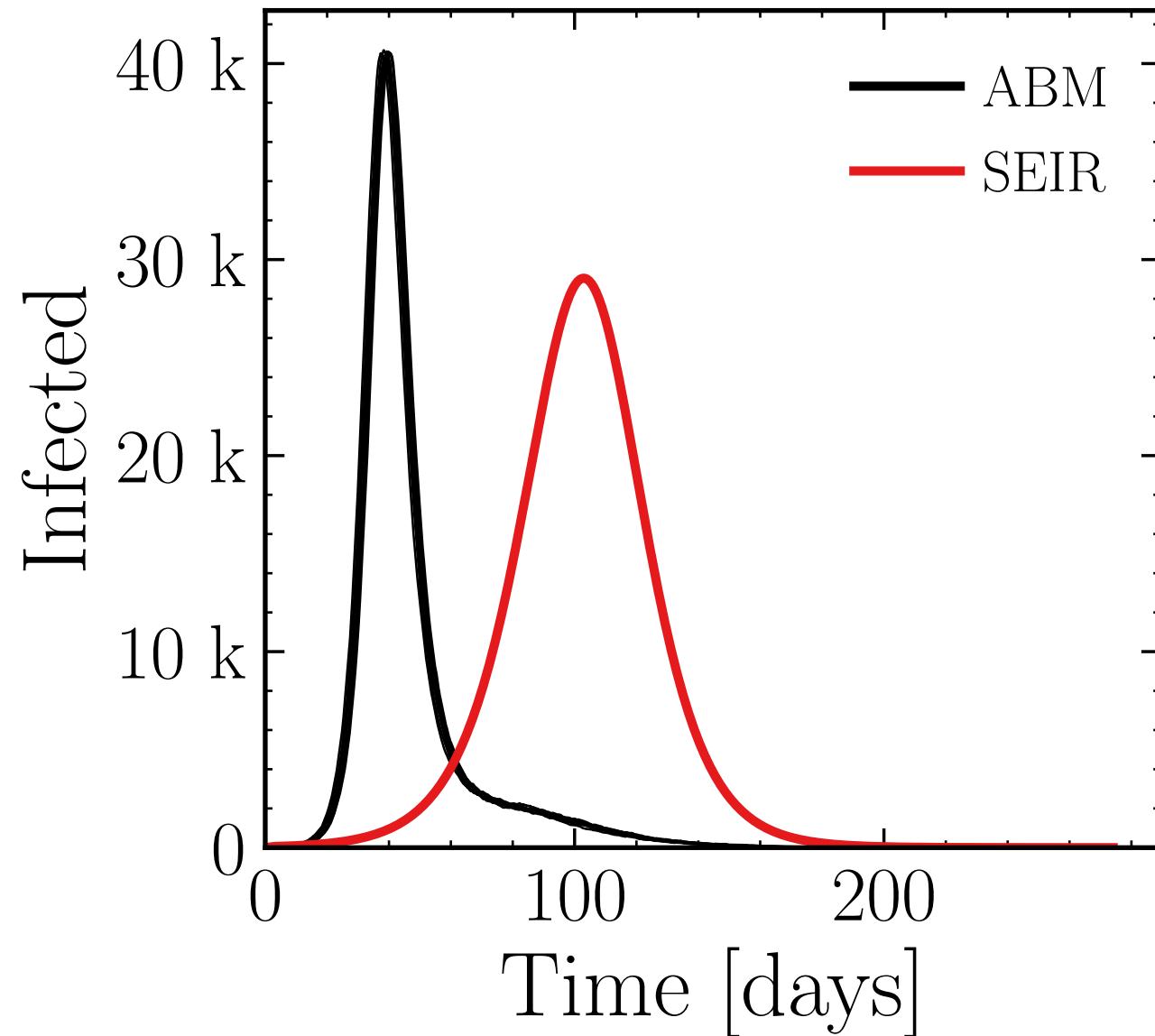
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.51 \pm 0.088\%) \cdot 10^3$

v. = 1.0, hash = 5adba0bbdb, #10

$R_{\infty}^{\text{ABM}} = (213.1 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$, algo = 2, $N_{\text{init}} = 100$

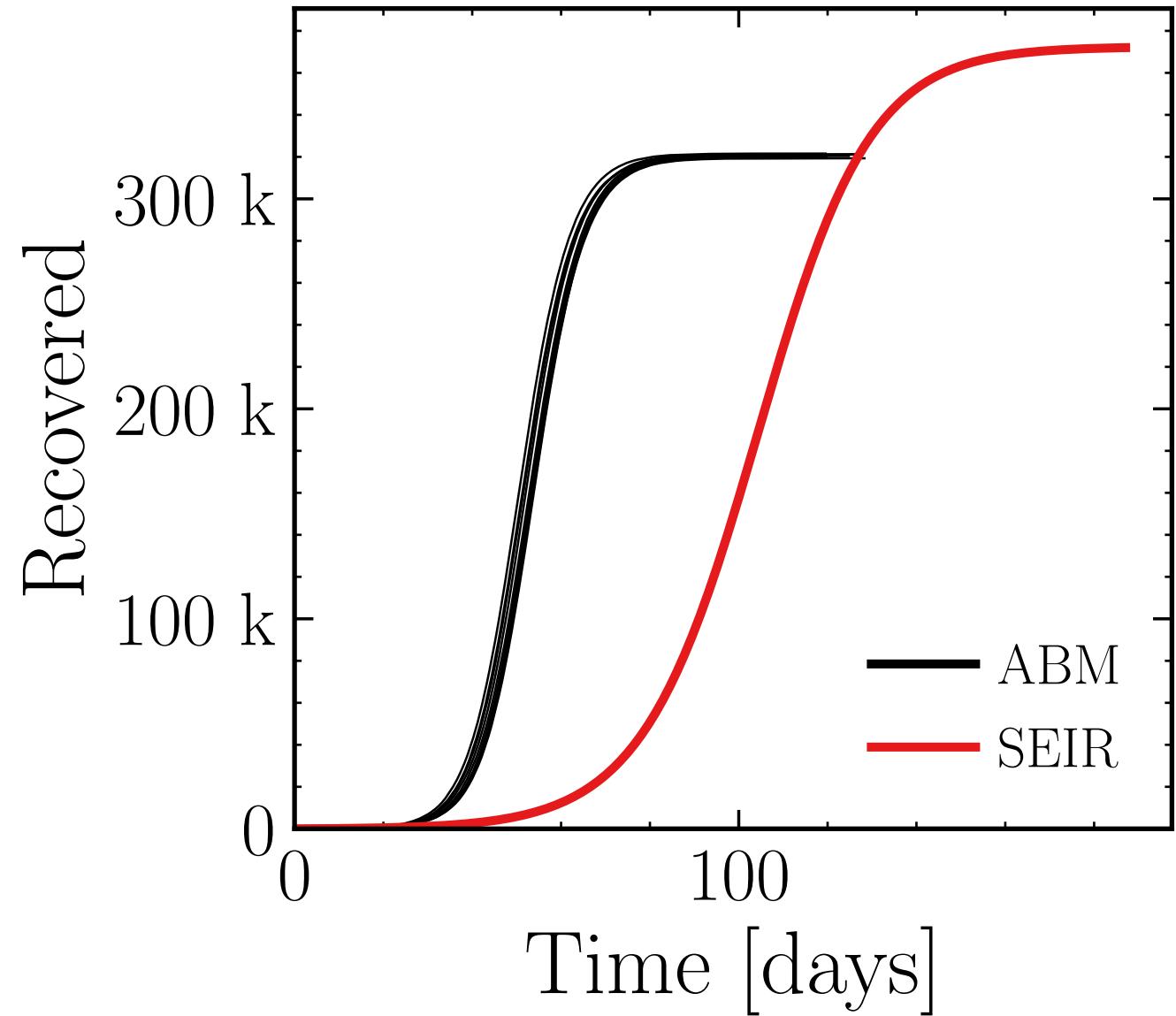
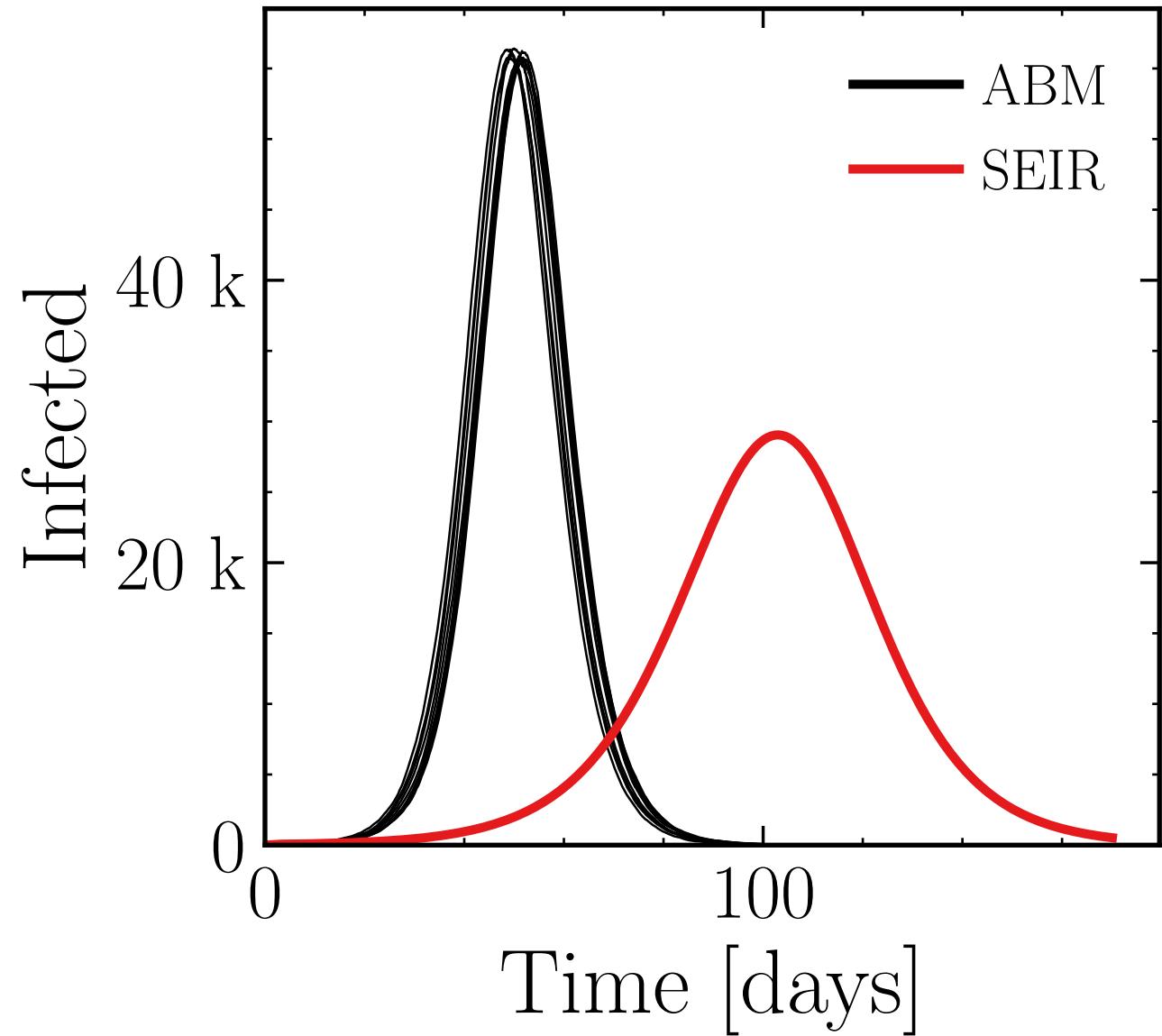
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (55.9 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 7a2fc4f347, #10

$R_{\infty}^{\text{ABM}} = (320.5 \pm 0.068\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$, algo = 2, $N_{\text{init}} = 100$

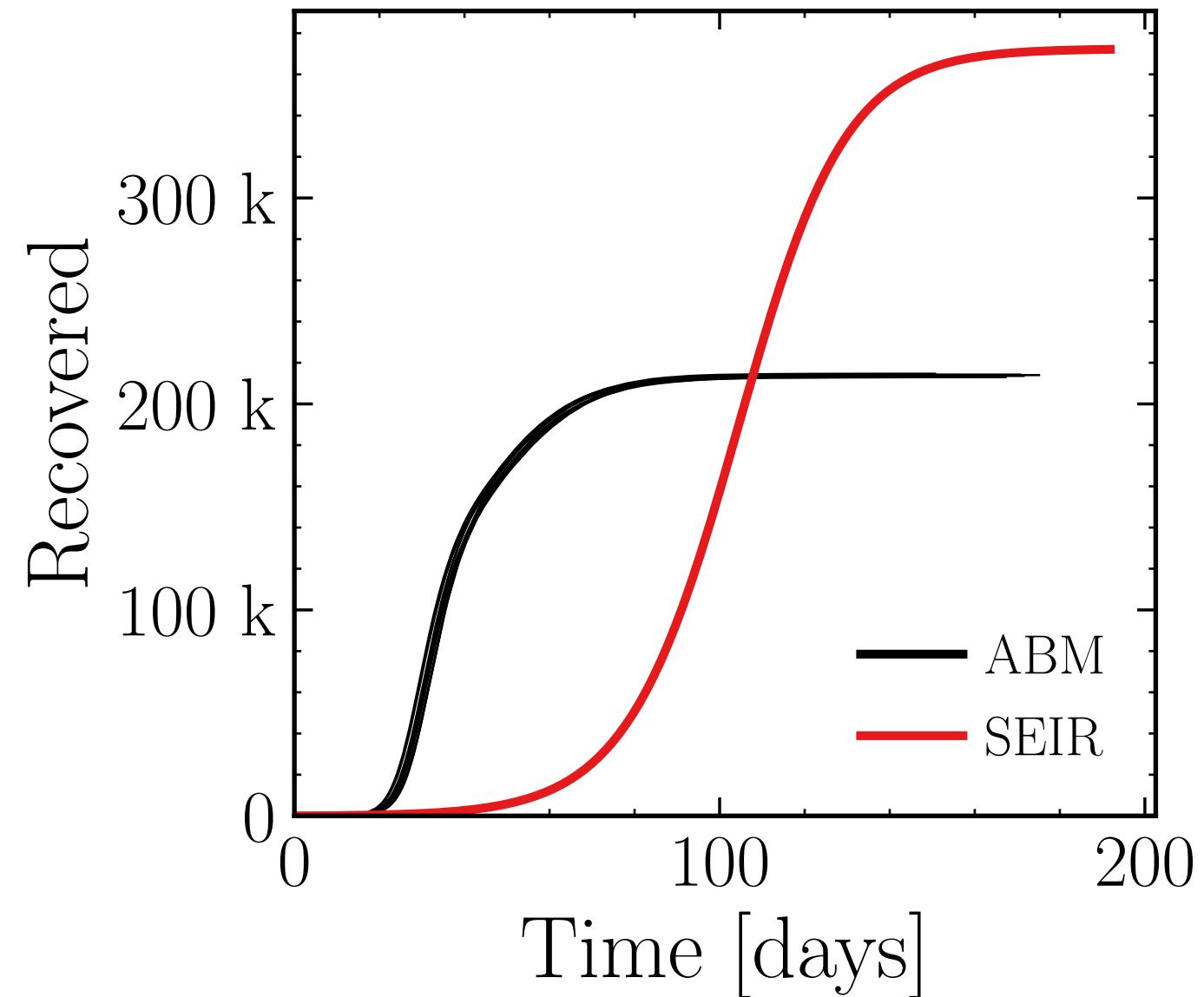
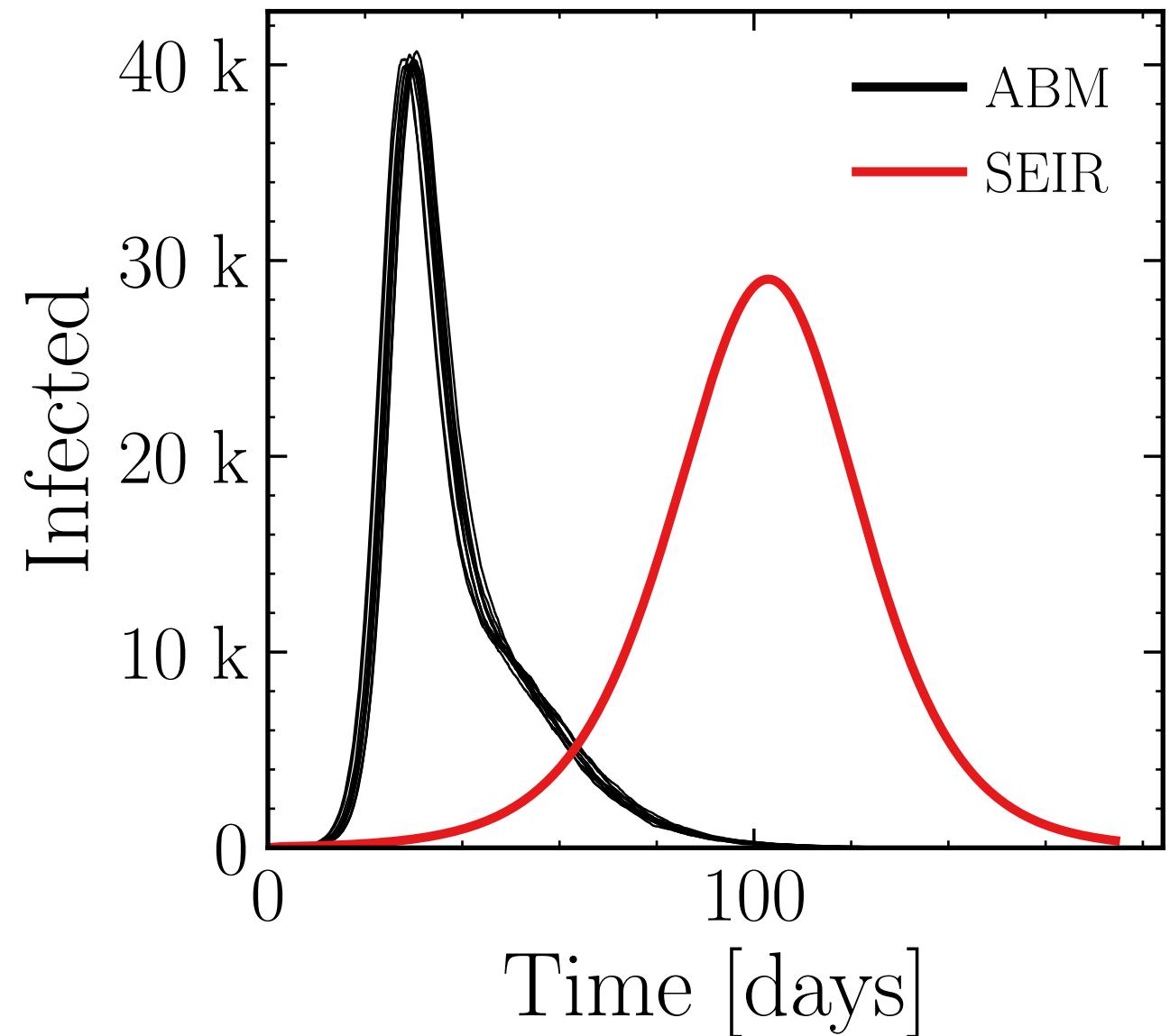
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.22 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = d46ba7a356, #10

$R_{\infty}^{\text{ABM}} = (213.8 \pm 0.074\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$, algo = 2, $N_{\text{init}} = 100$

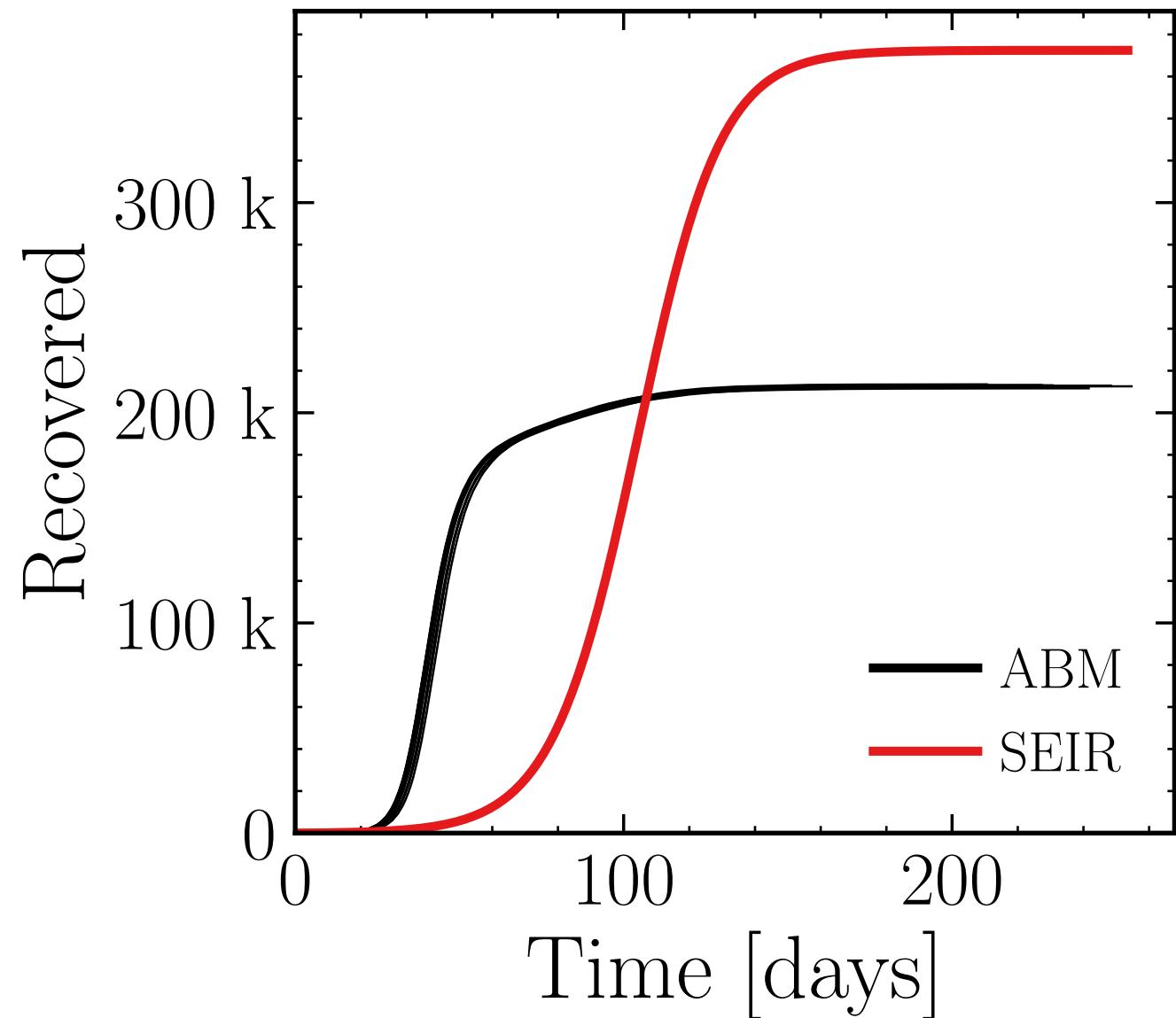
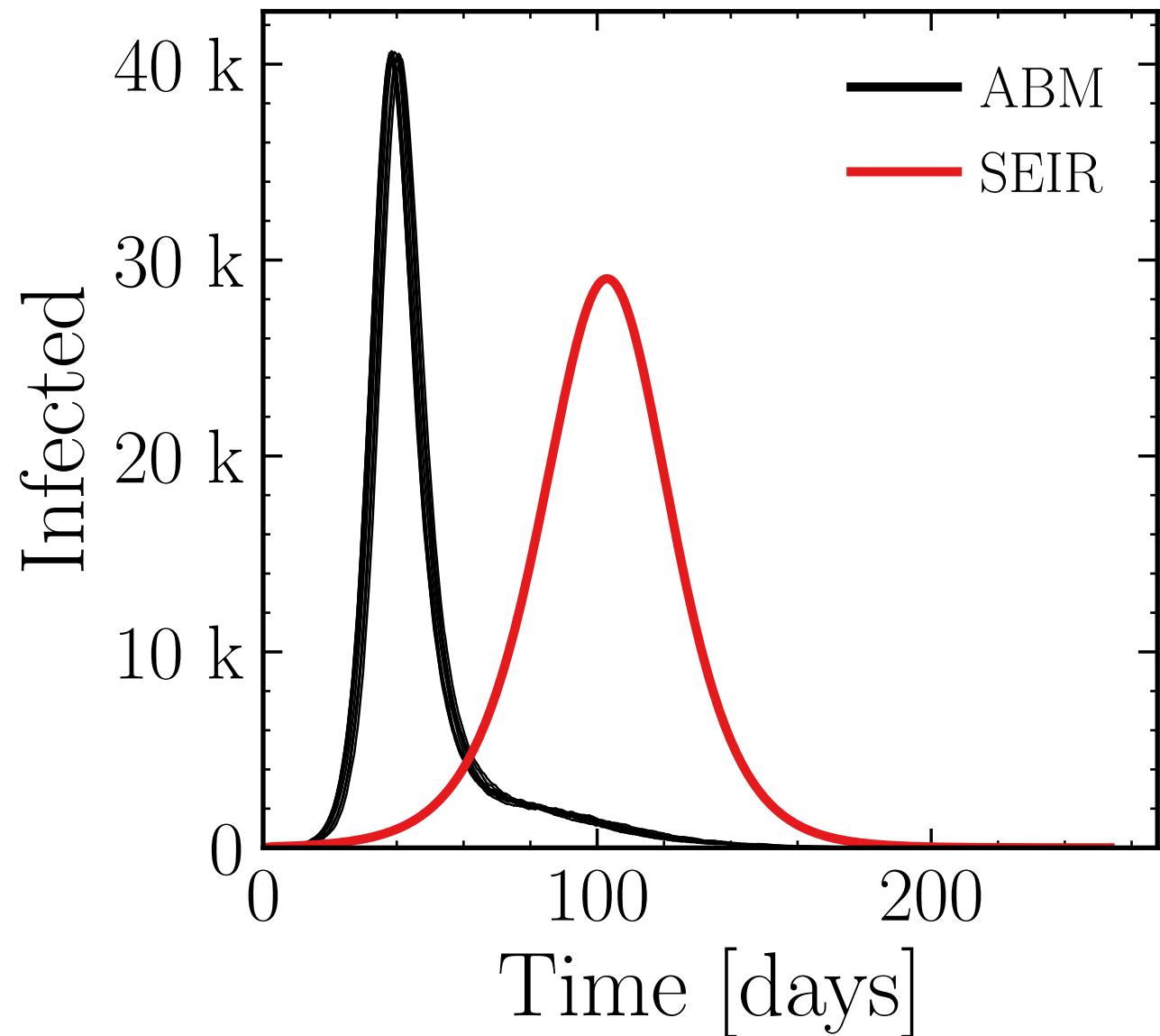
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.44 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 37e996fbb2, #10

$R_{\infty}^{\text{ABM}} = (212.7 \pm 0.078\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$, algo = 2, $N_{\text{init}} = 100$

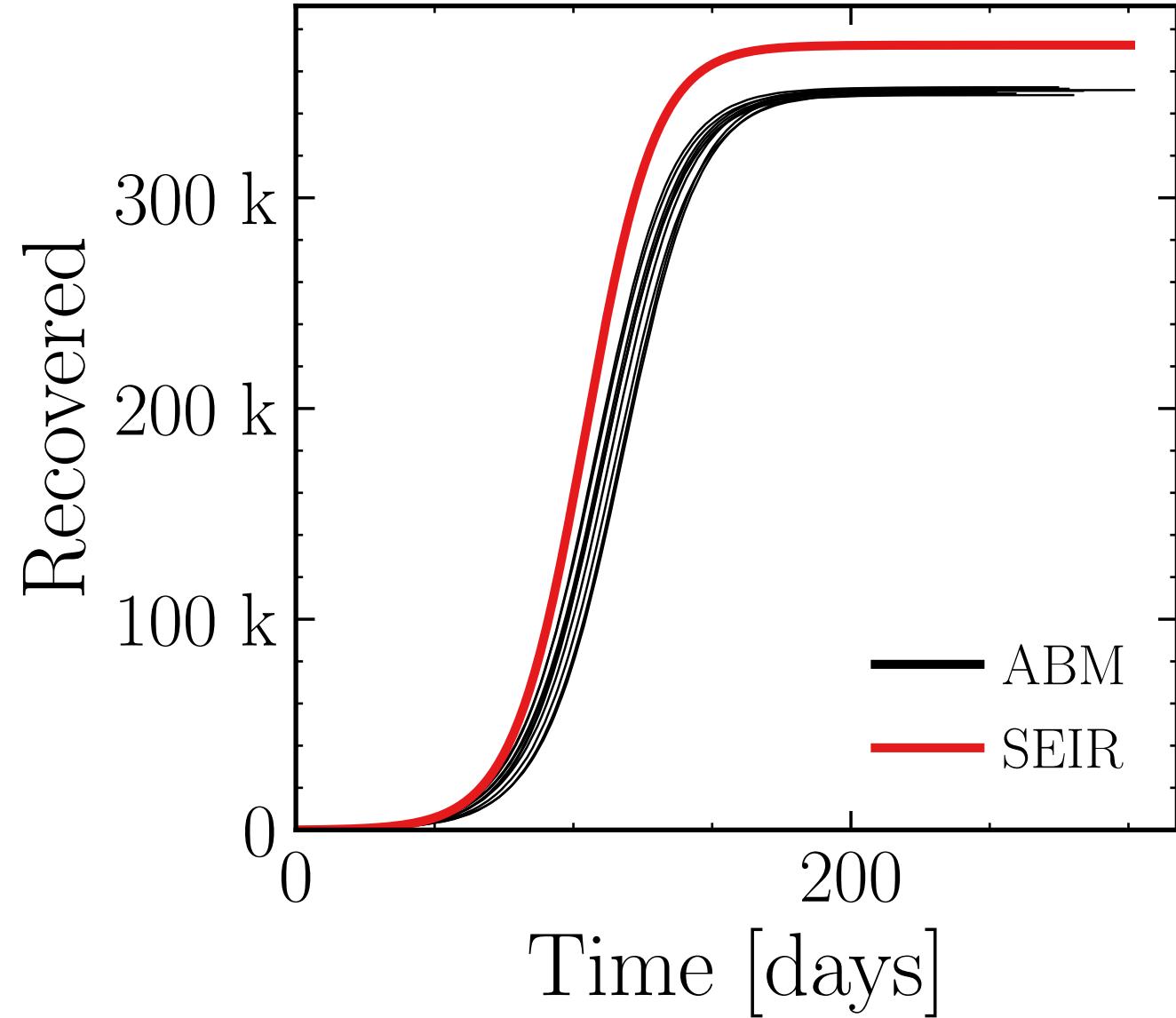
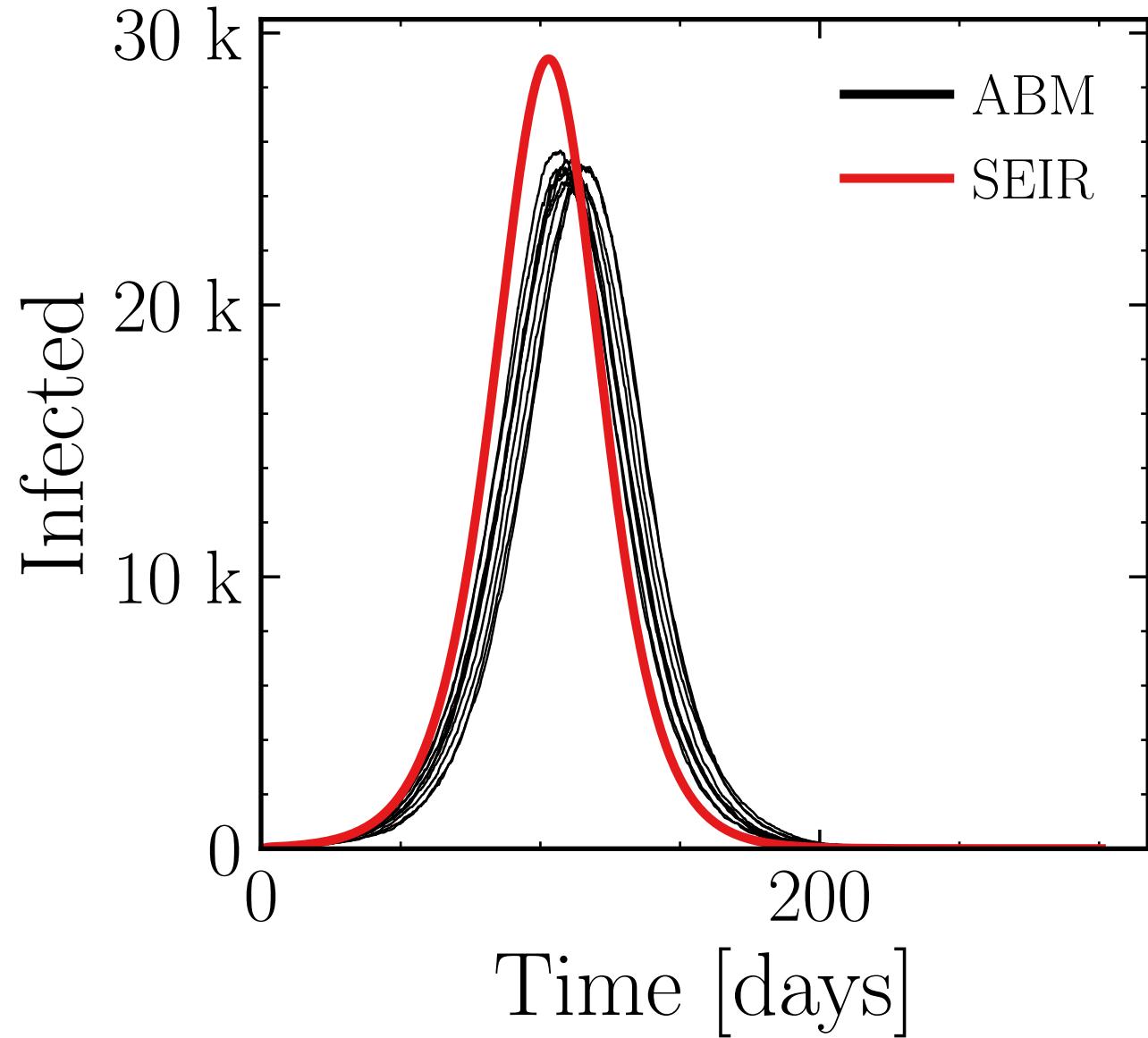
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (25 \pm 0.43\%) \cdot 10^3$

v. = 1.0, hash = 6d059068f9, #10

$R_{\infty}^{\text{ABM}} = (350.8 \pm 0.097\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$, algo = 2, $N_{\text{init}} = 100$

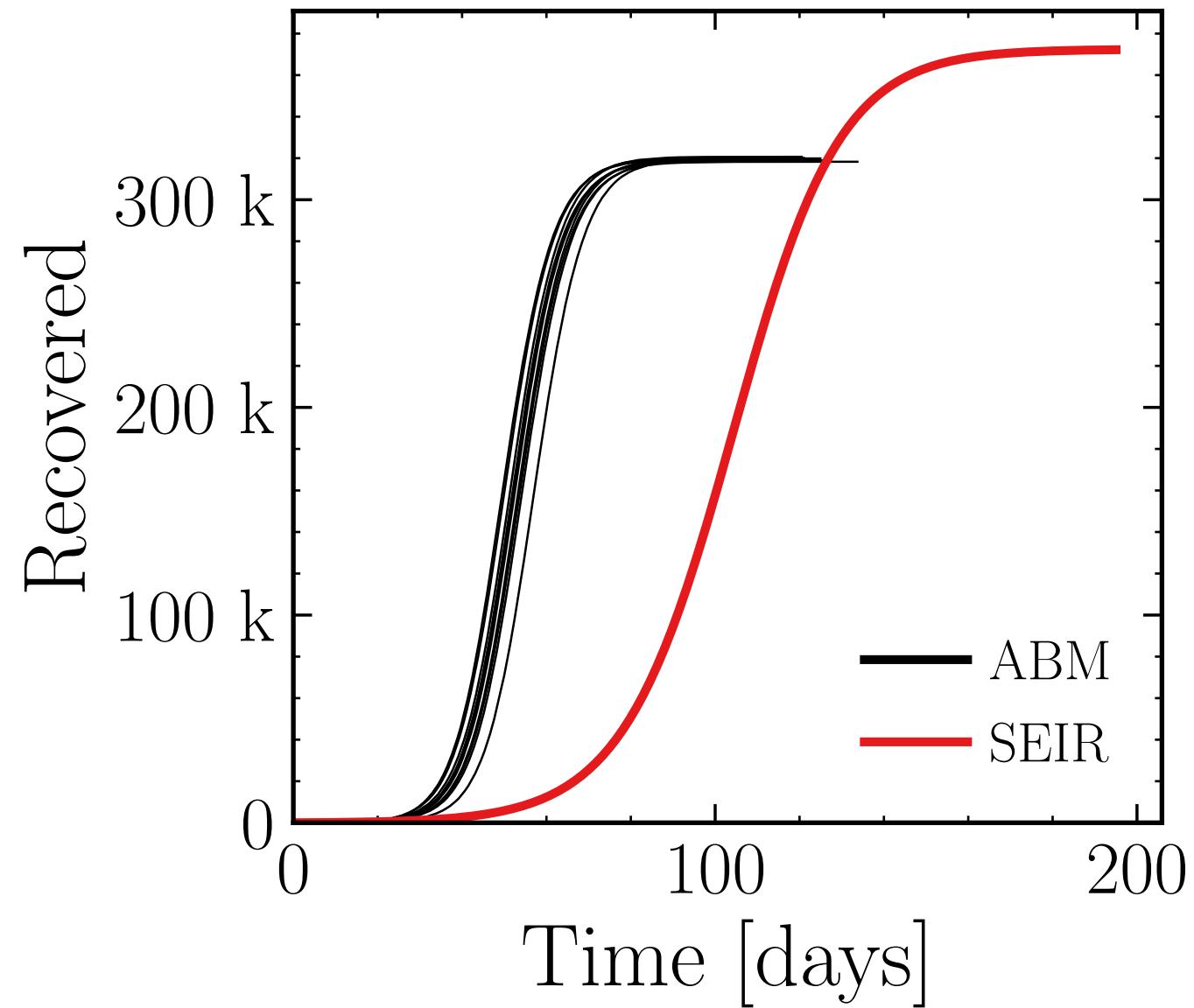
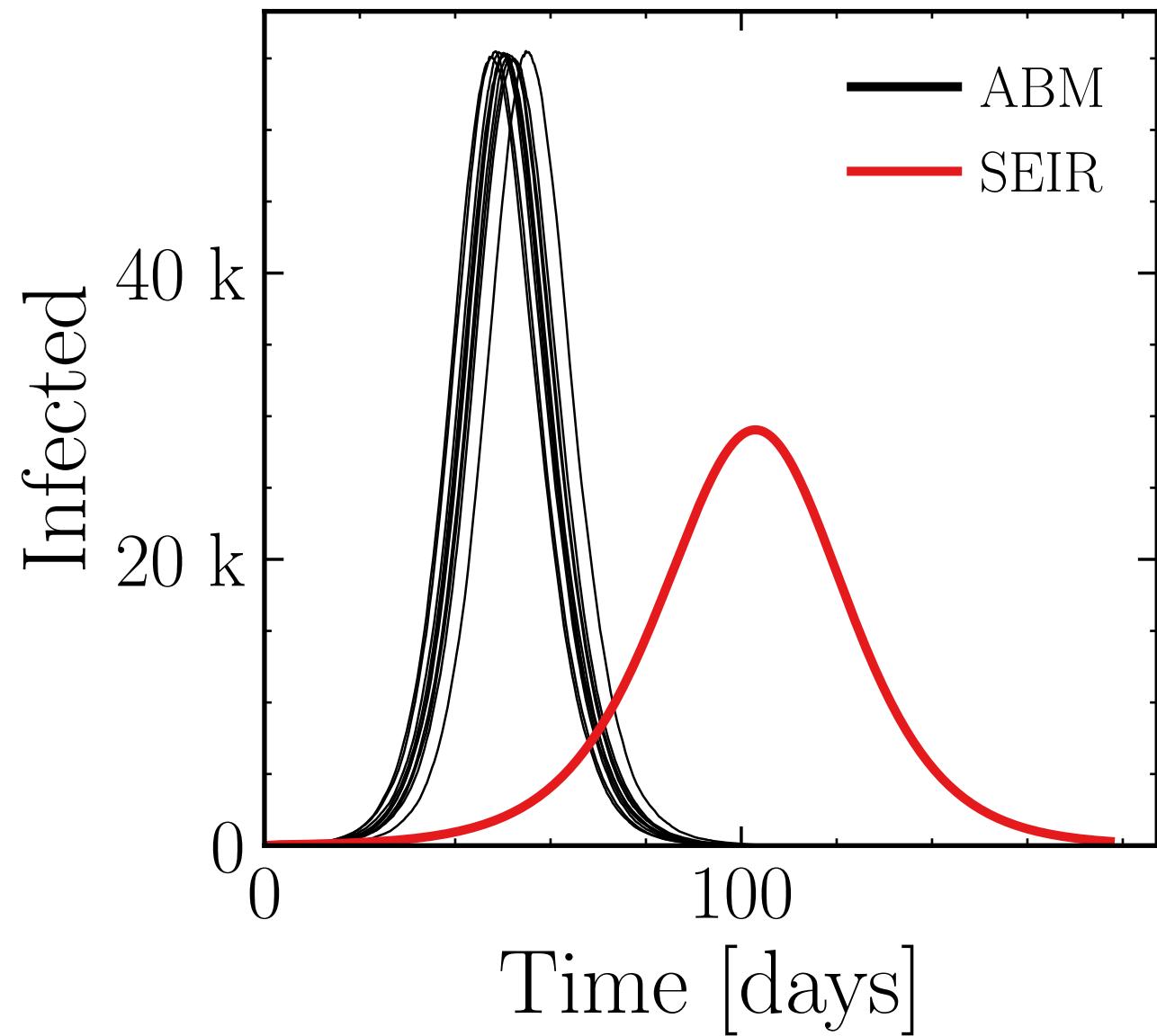
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (55.29 \pm 0.1\%) \cdot 10^3$

v. = 1.0, hash = d03e6f0073, #10

$R_{\infty}^{\text{ABM}} = (319.4 \pm 0.069\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$, algo = 2, $N_{\text{init}} = 100$

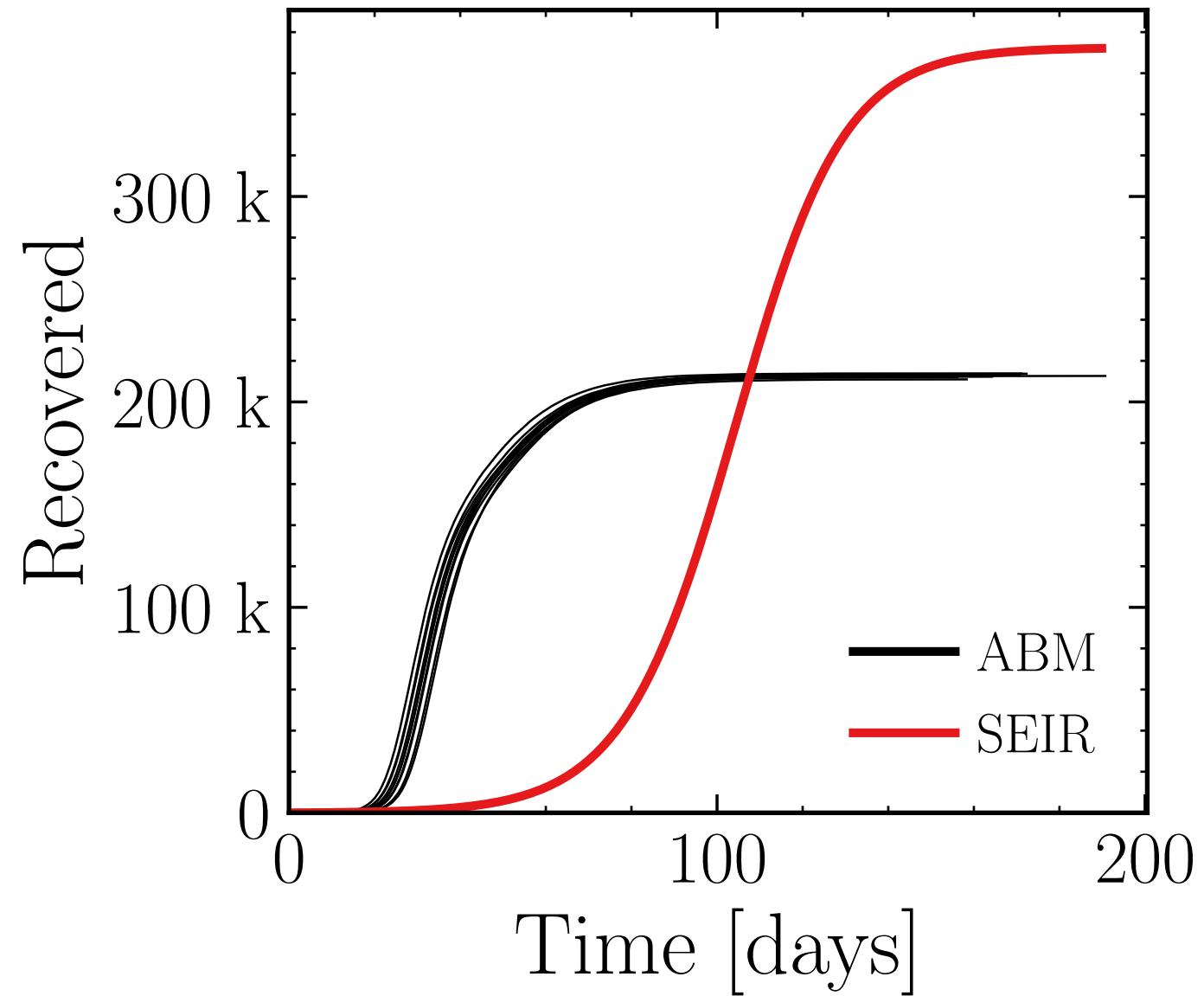
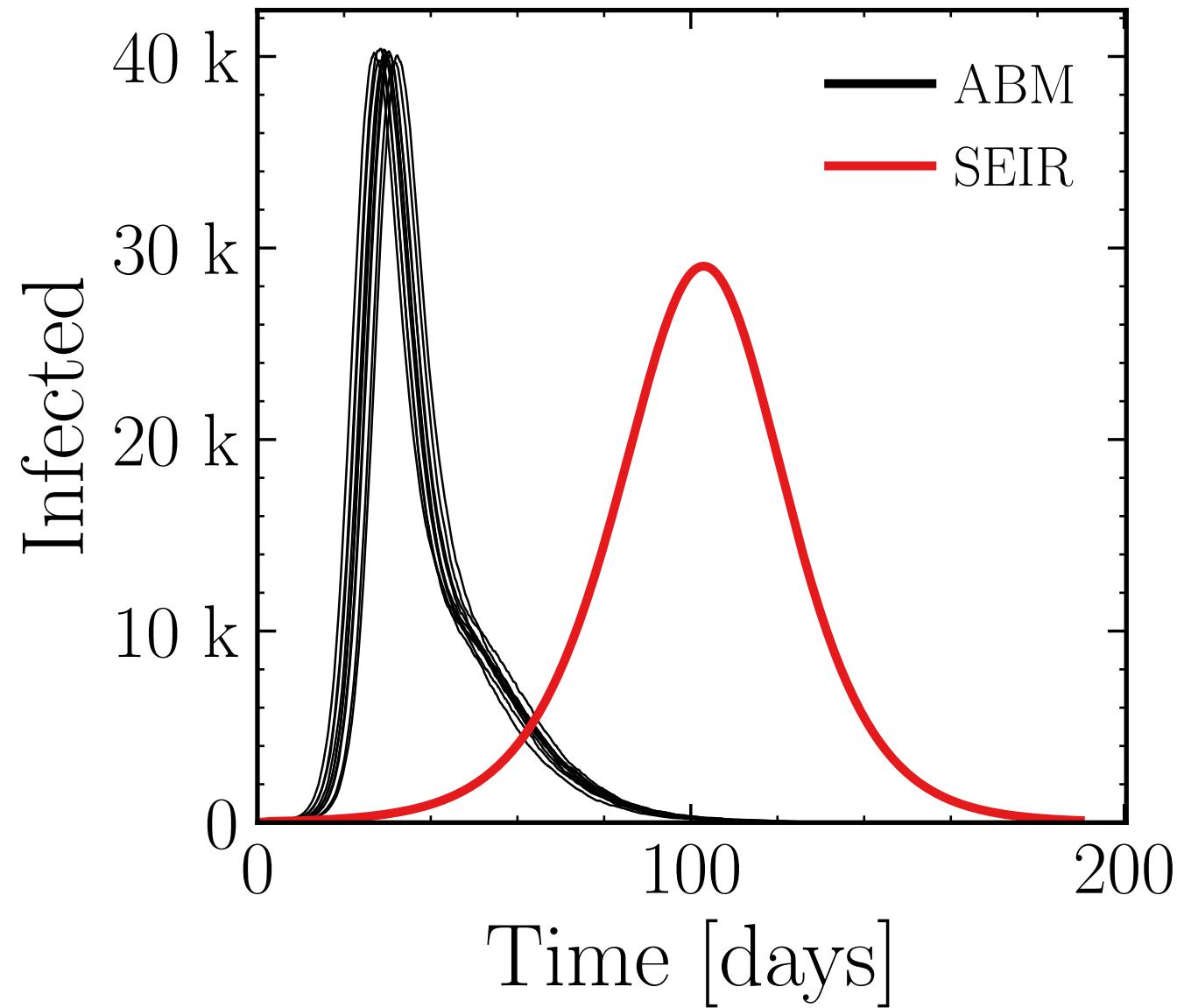
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.11 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = a2b66ce050, #10

$R_\infty^{\text{ABM}} = (212.7 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$, algo = 2, $N_{\text{init}} = 100$

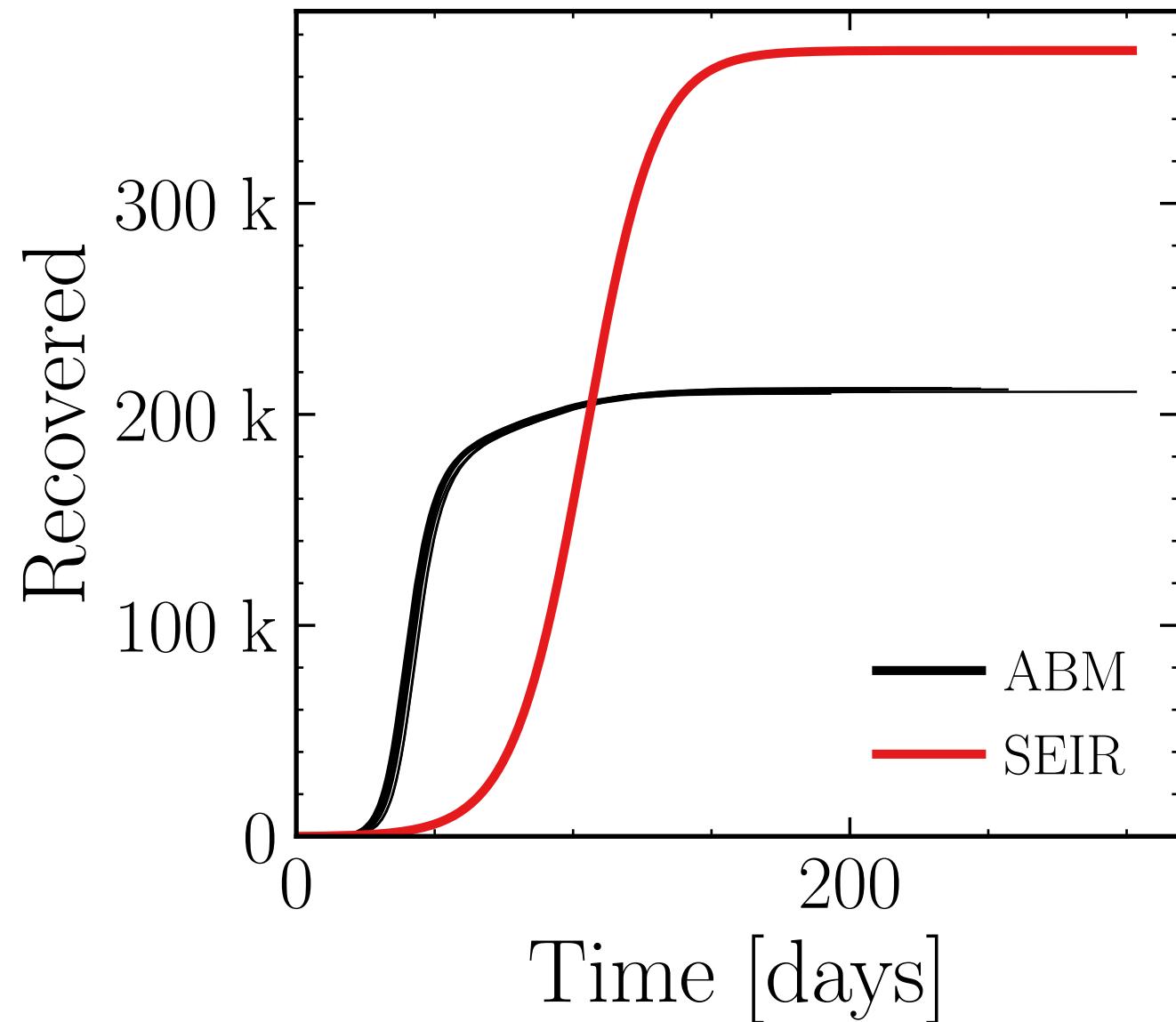
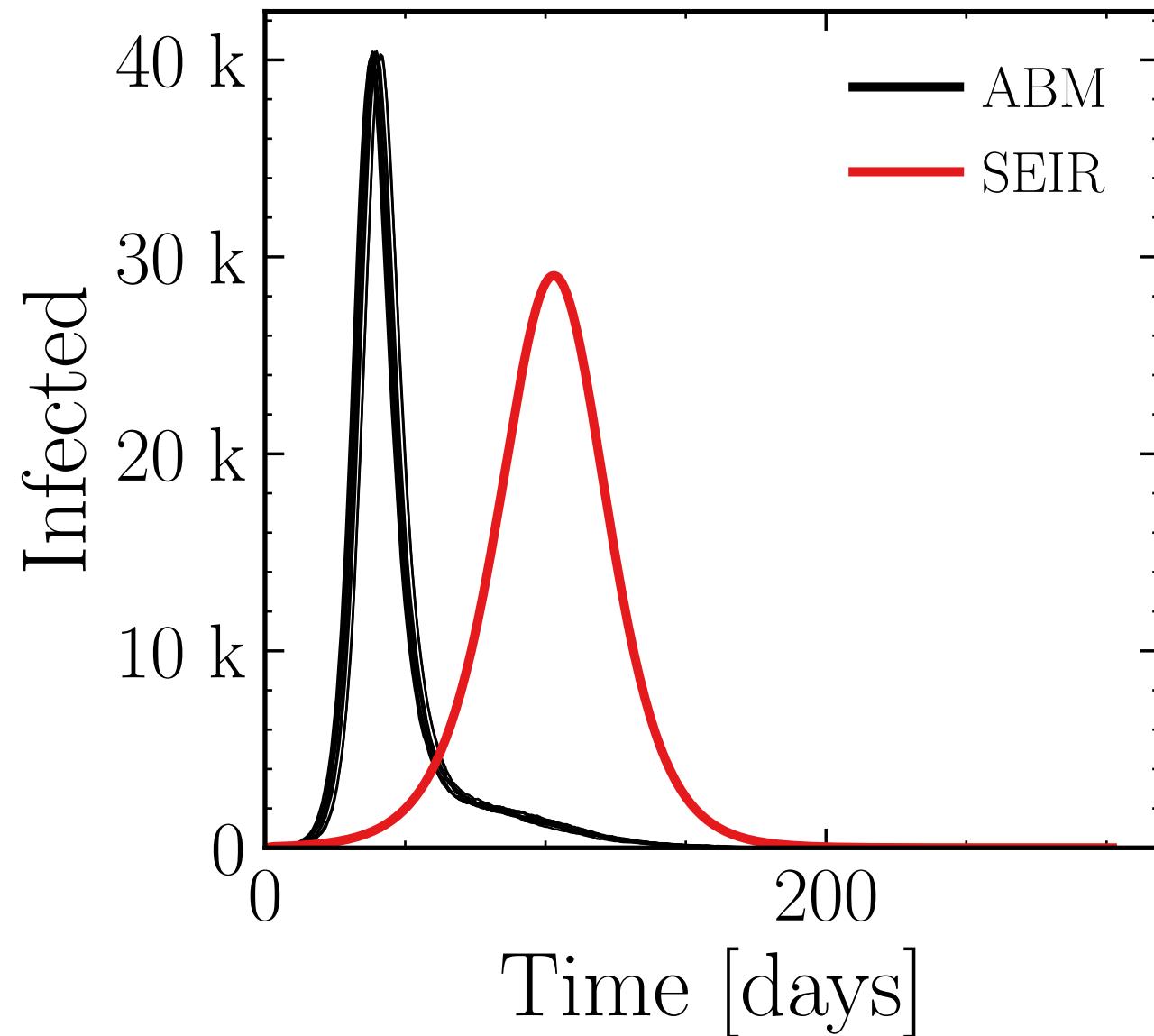
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.2 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 3d04df6fa6, #10

$R_\infty^{\text{ABM}} = (211.4 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$, algo = 2, $N_{\text{init}} = 100$

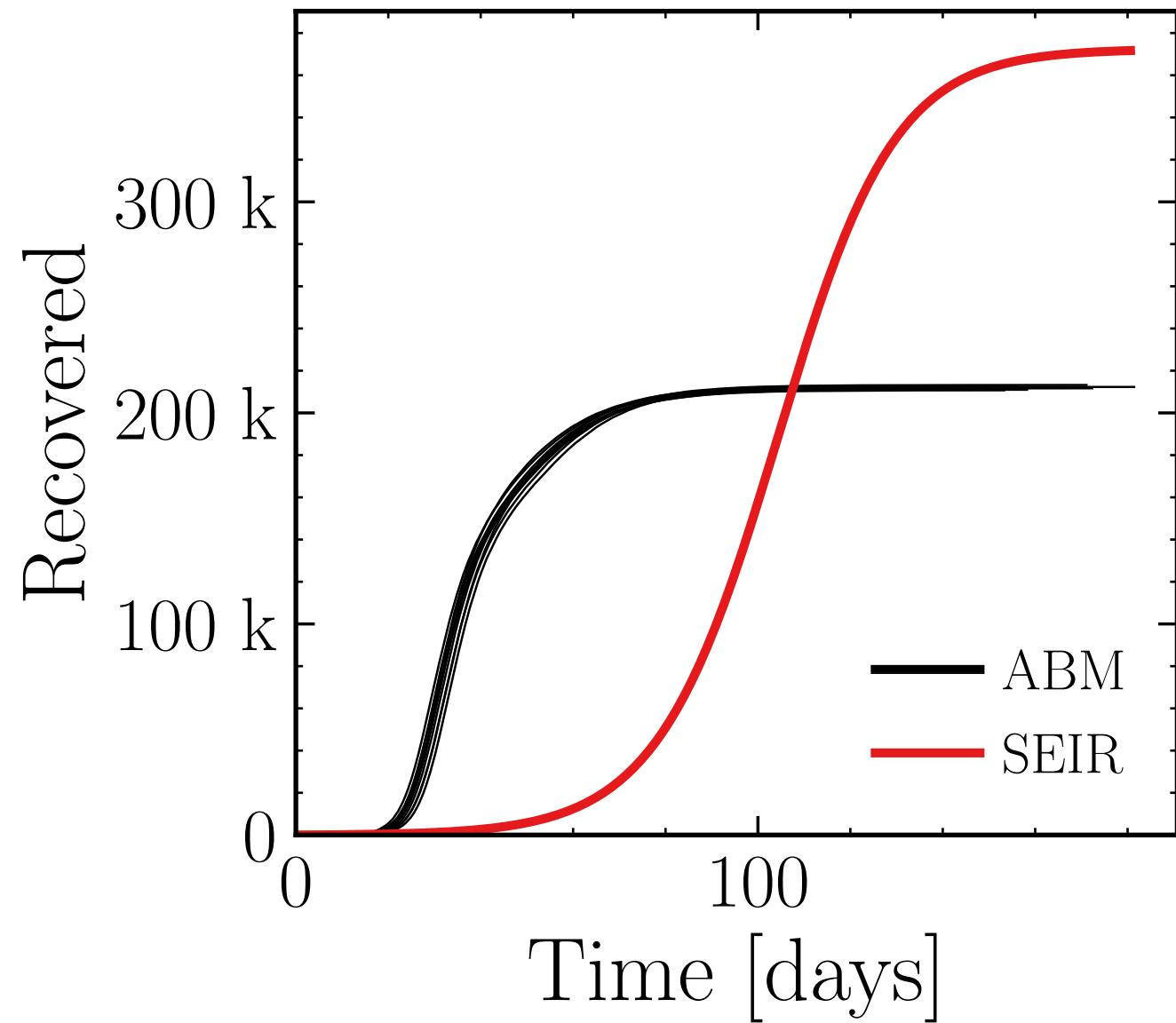
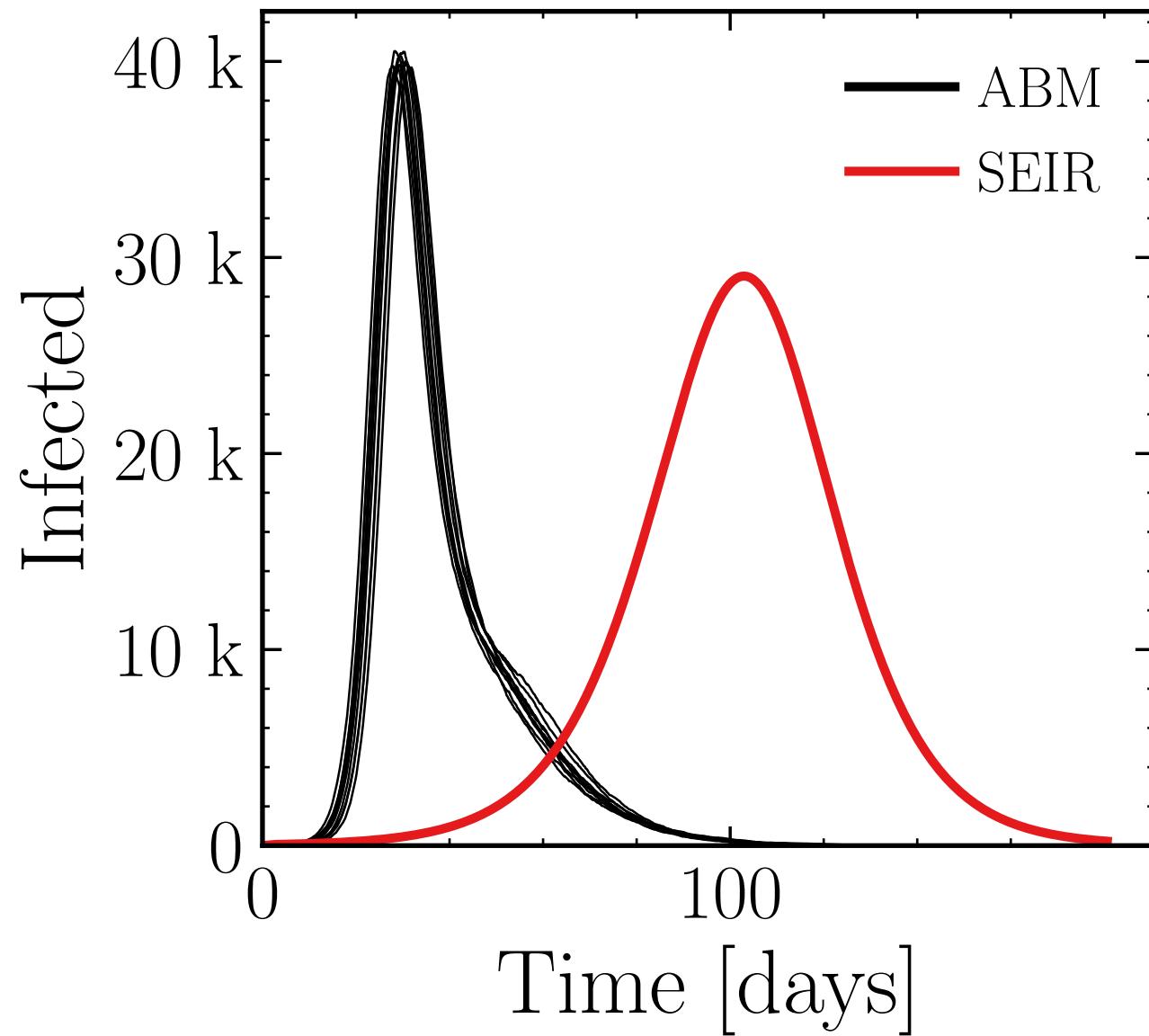
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 6f49a7a11d, #10

$R_{\infty}^{\text{ABM}} = (211.9 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

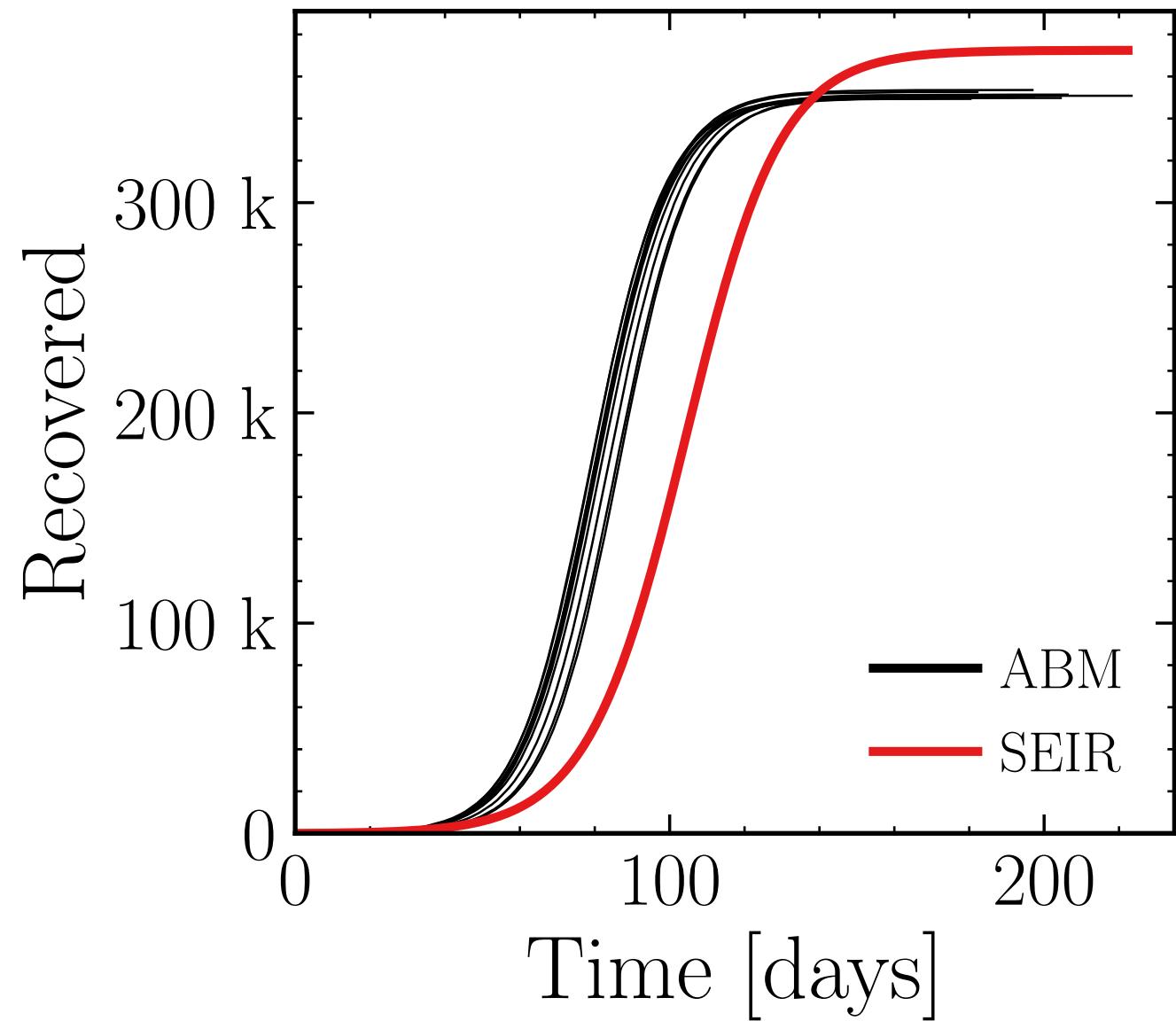
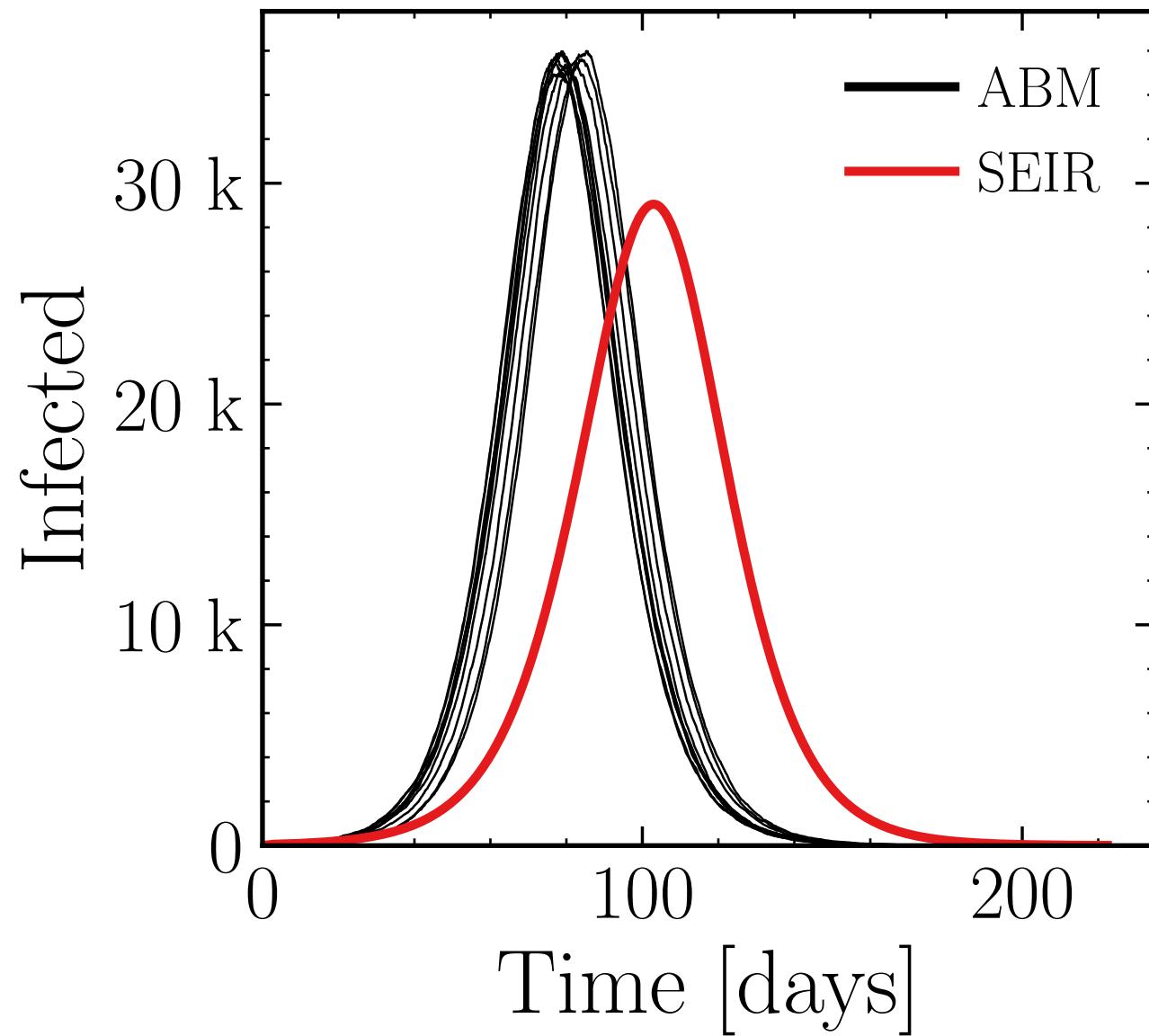
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (35.63 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = 69f38ff35e, #10

$R_\infty^{\text{ABM}} = (350.9 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

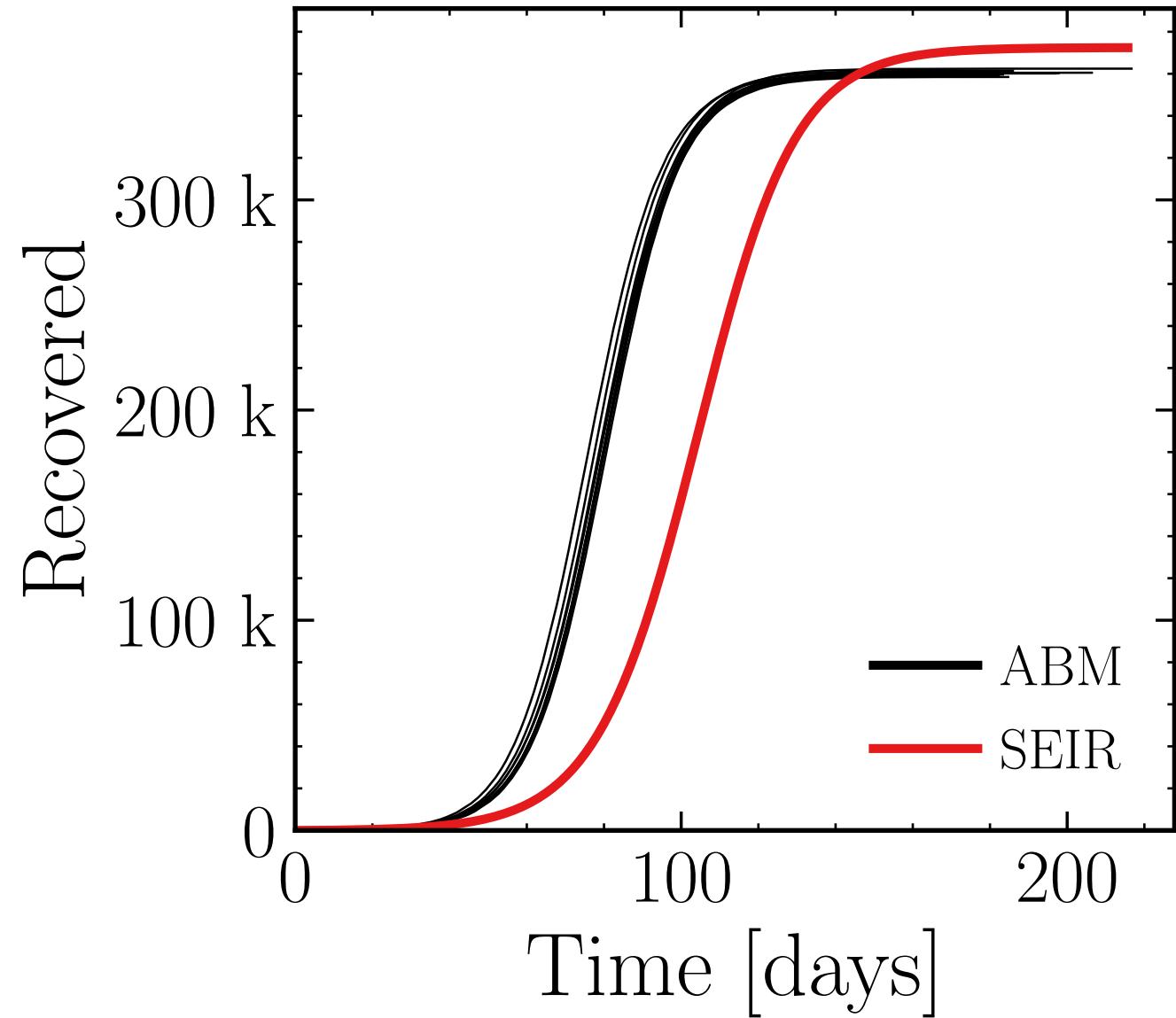
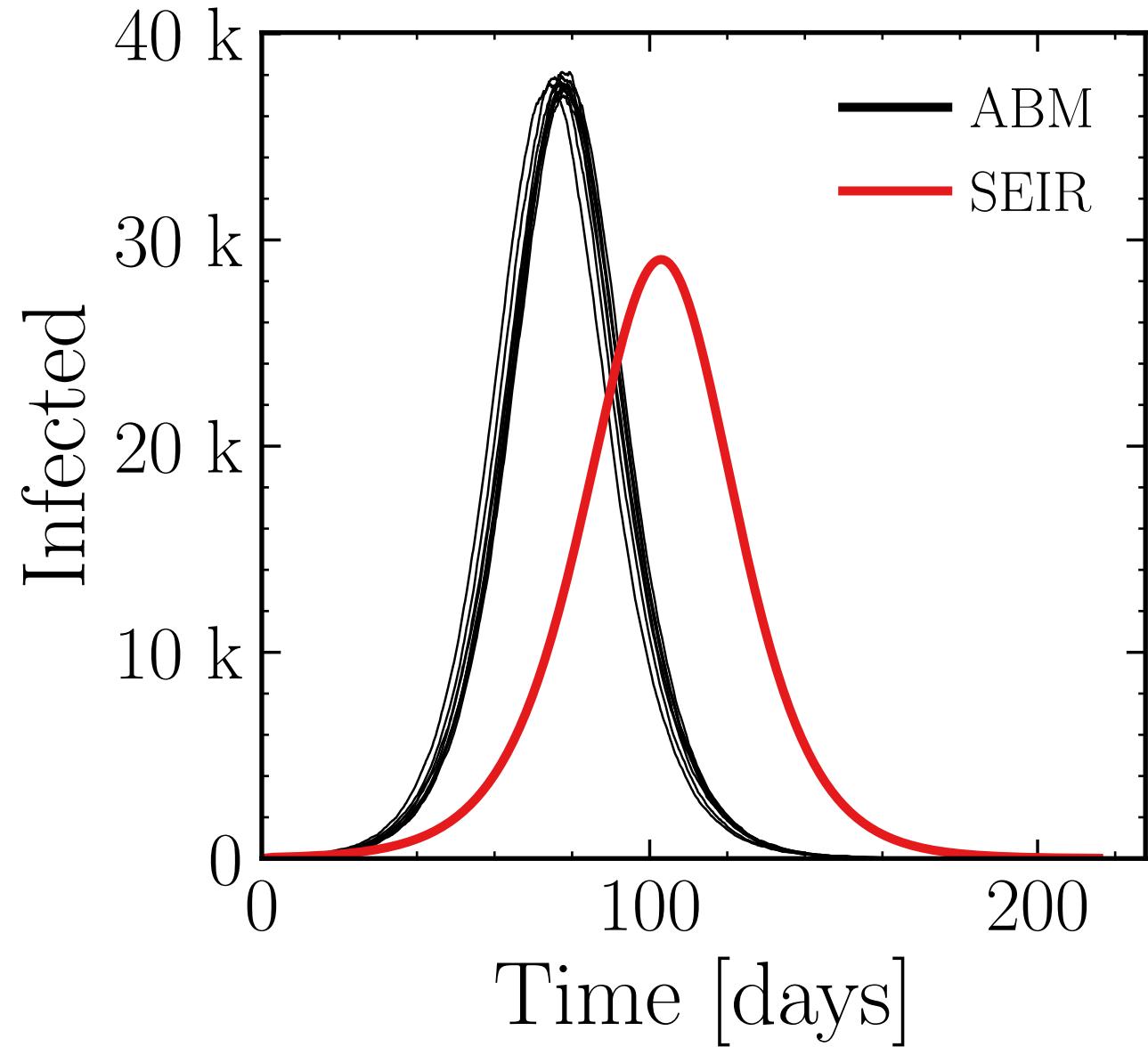
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (37.61 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = d00ddbc483, #10

$R_{\infty}^{\text{ABM}} = (360.3 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

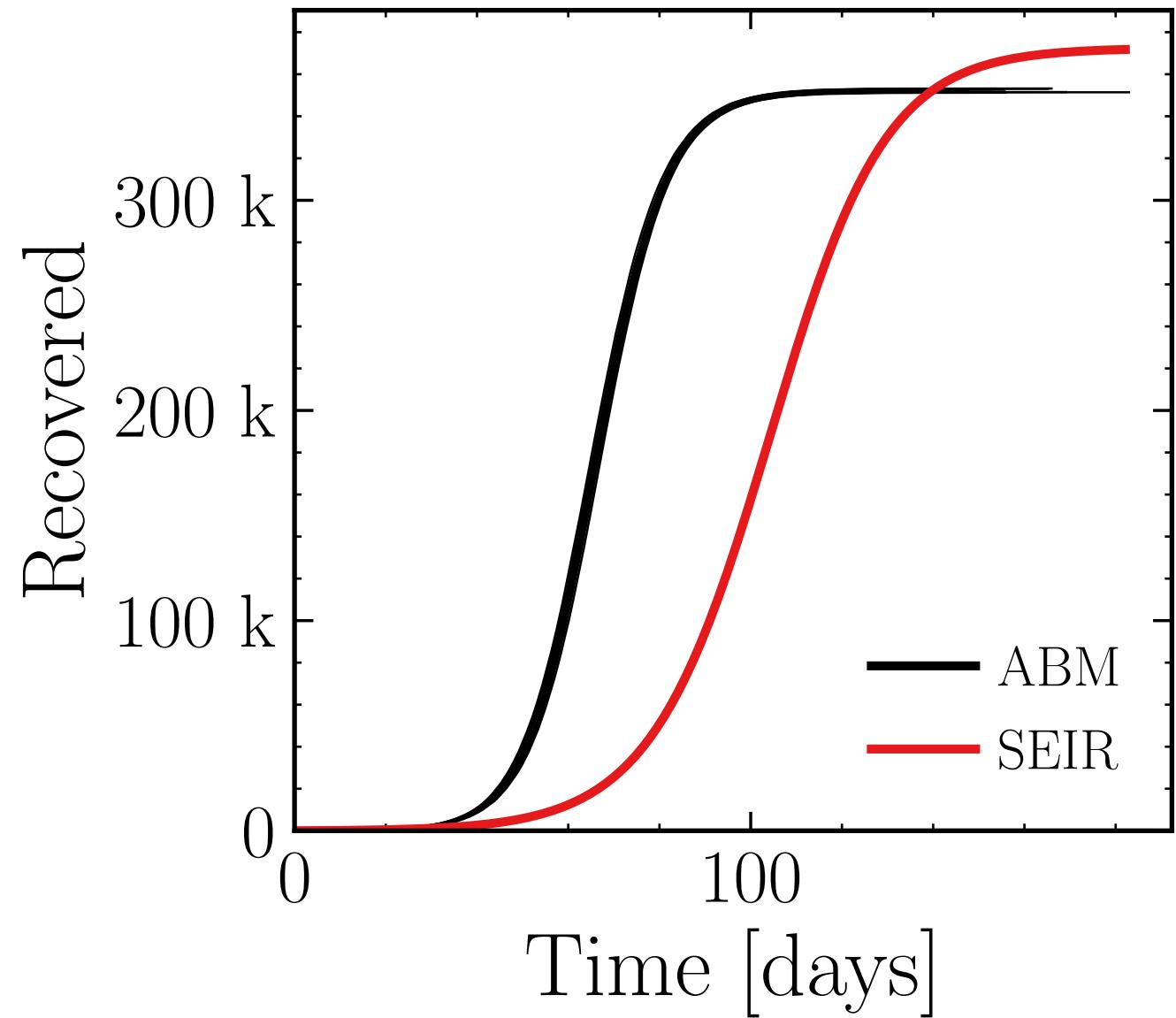
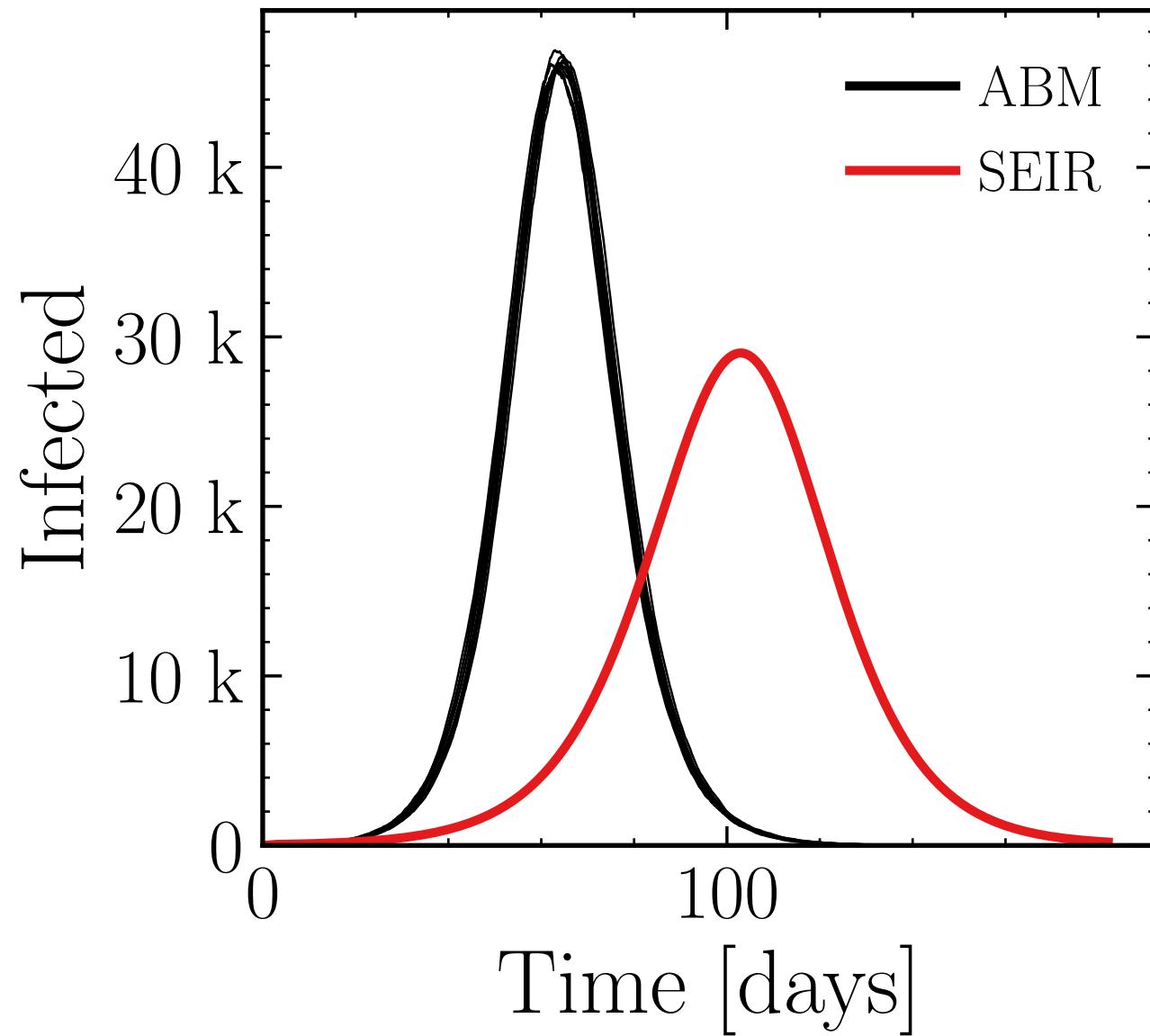
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (46.2 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 59275534b4, #10

$R_{\infty}^{\text{ABM}} = (352.3 \pm 0.067\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

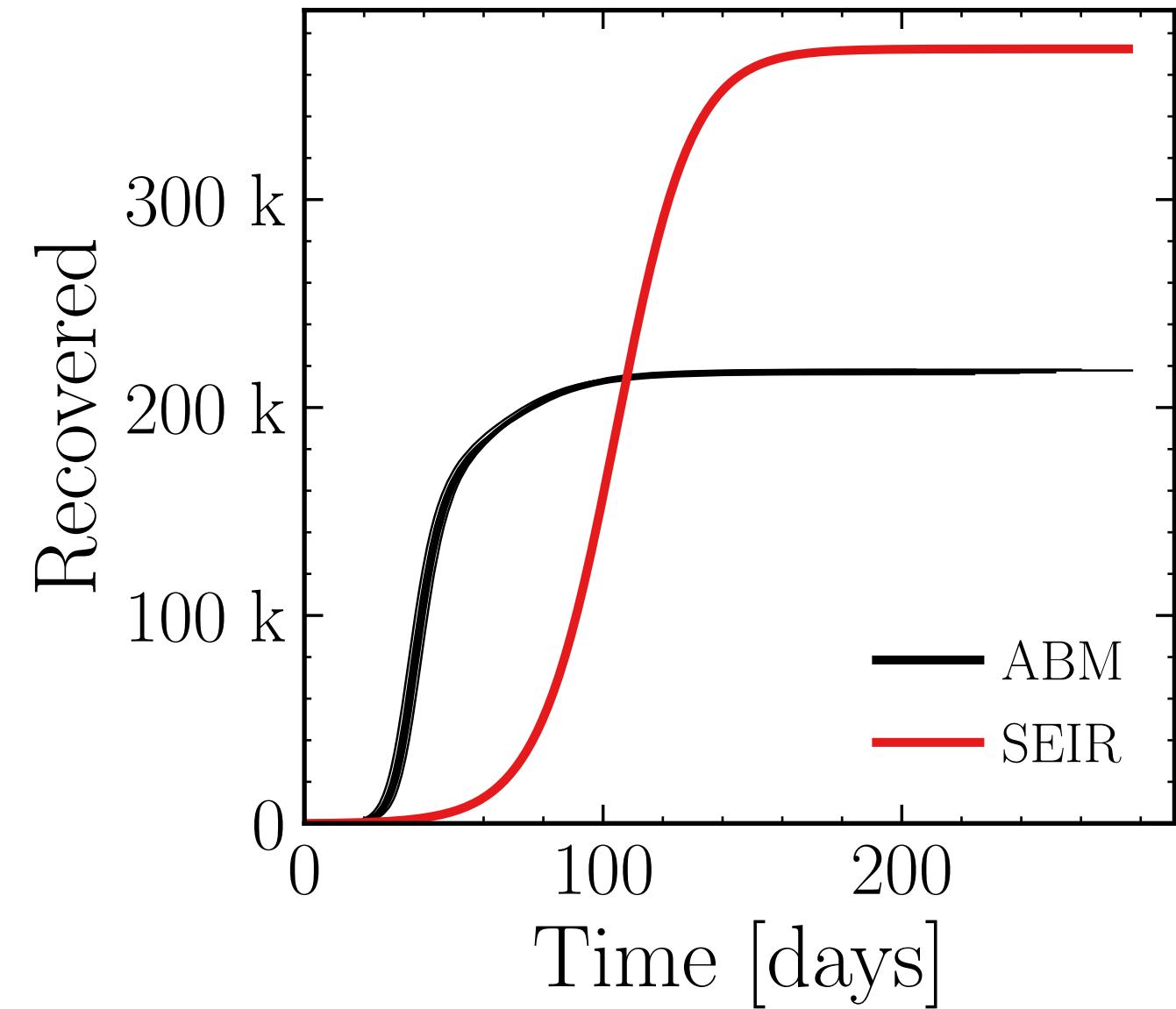
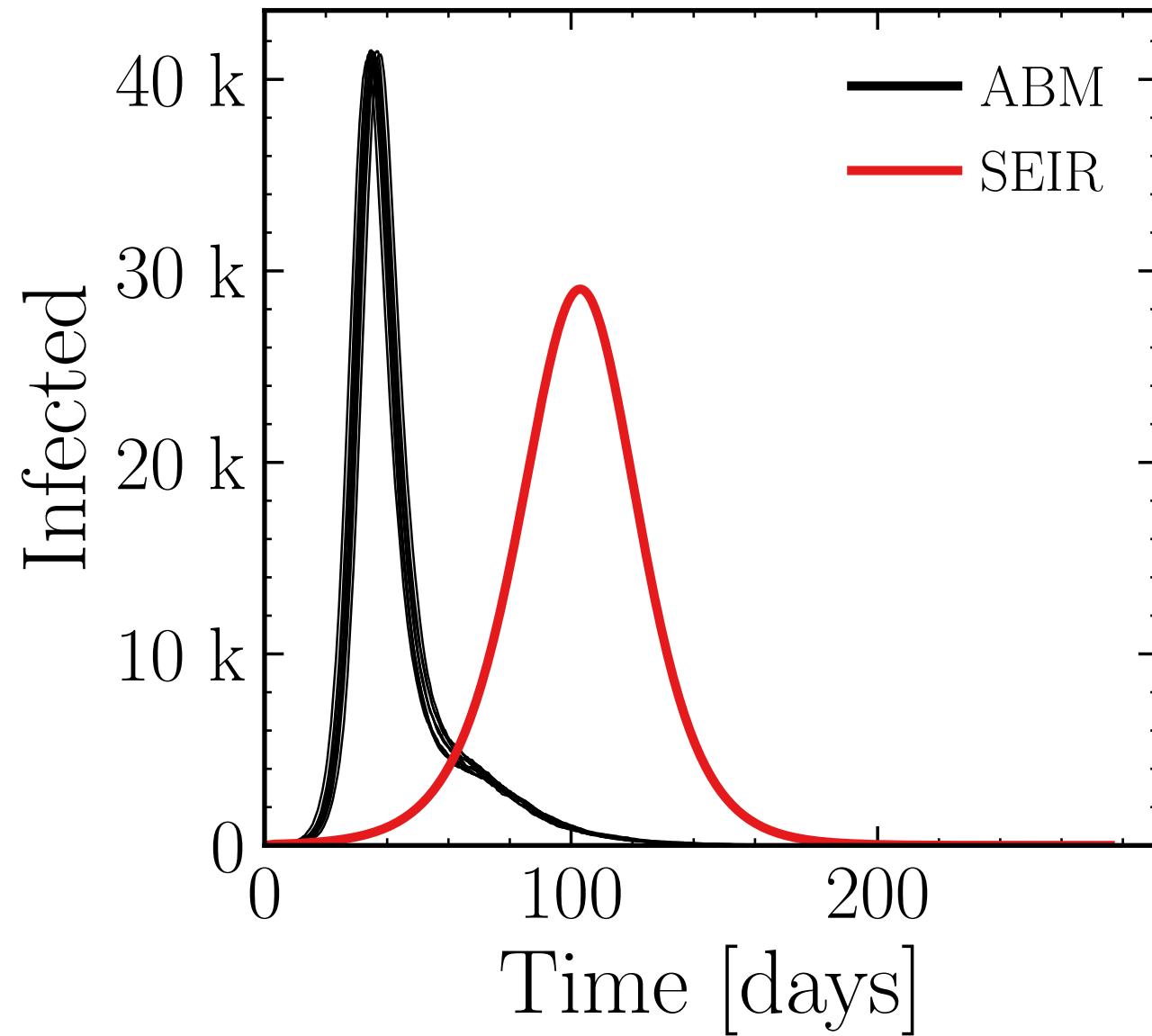
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (41.31 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = d0cd1b8e6e, #10

$R_{\infty}^{\text{ABM}} = (217.2 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

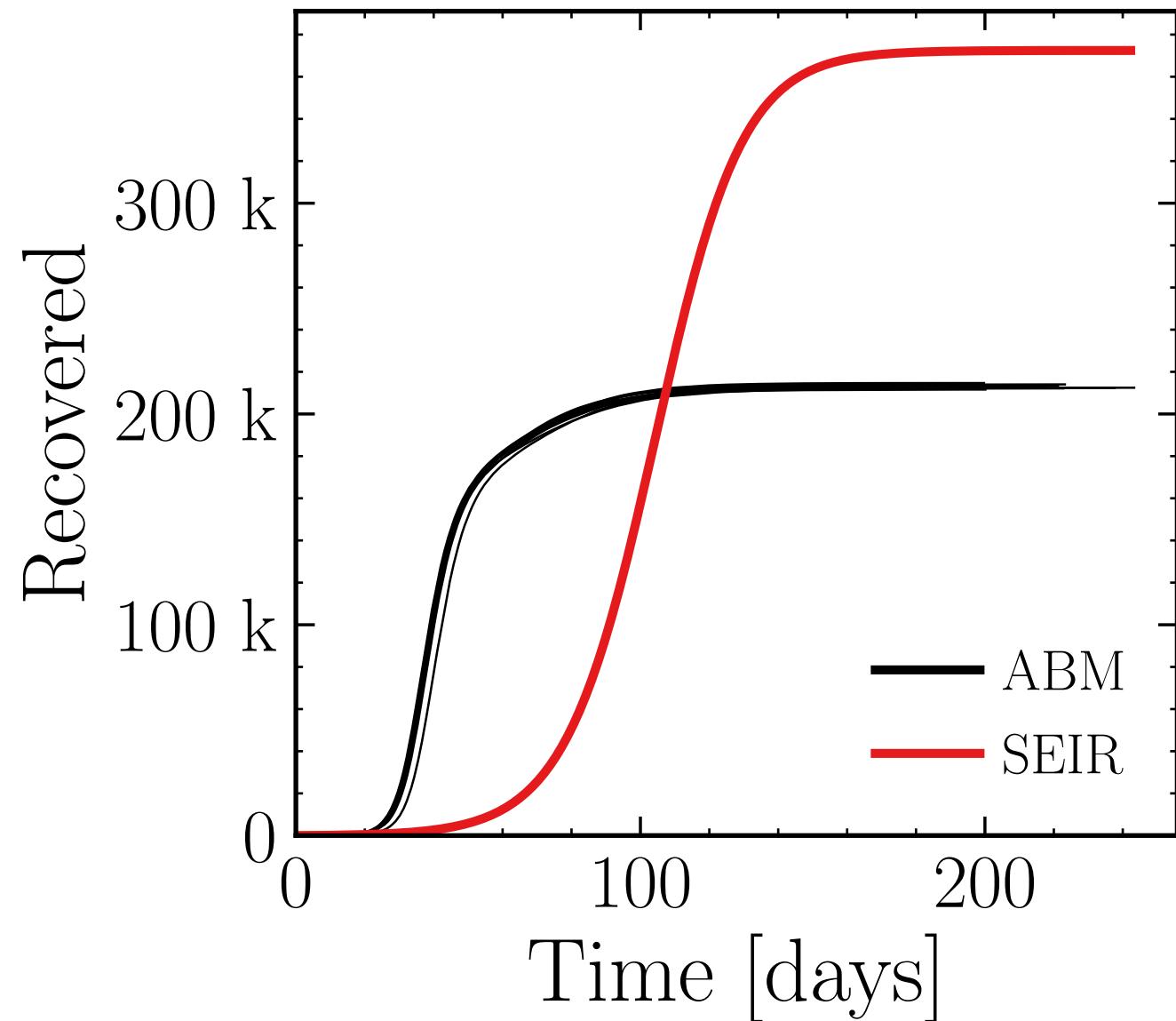
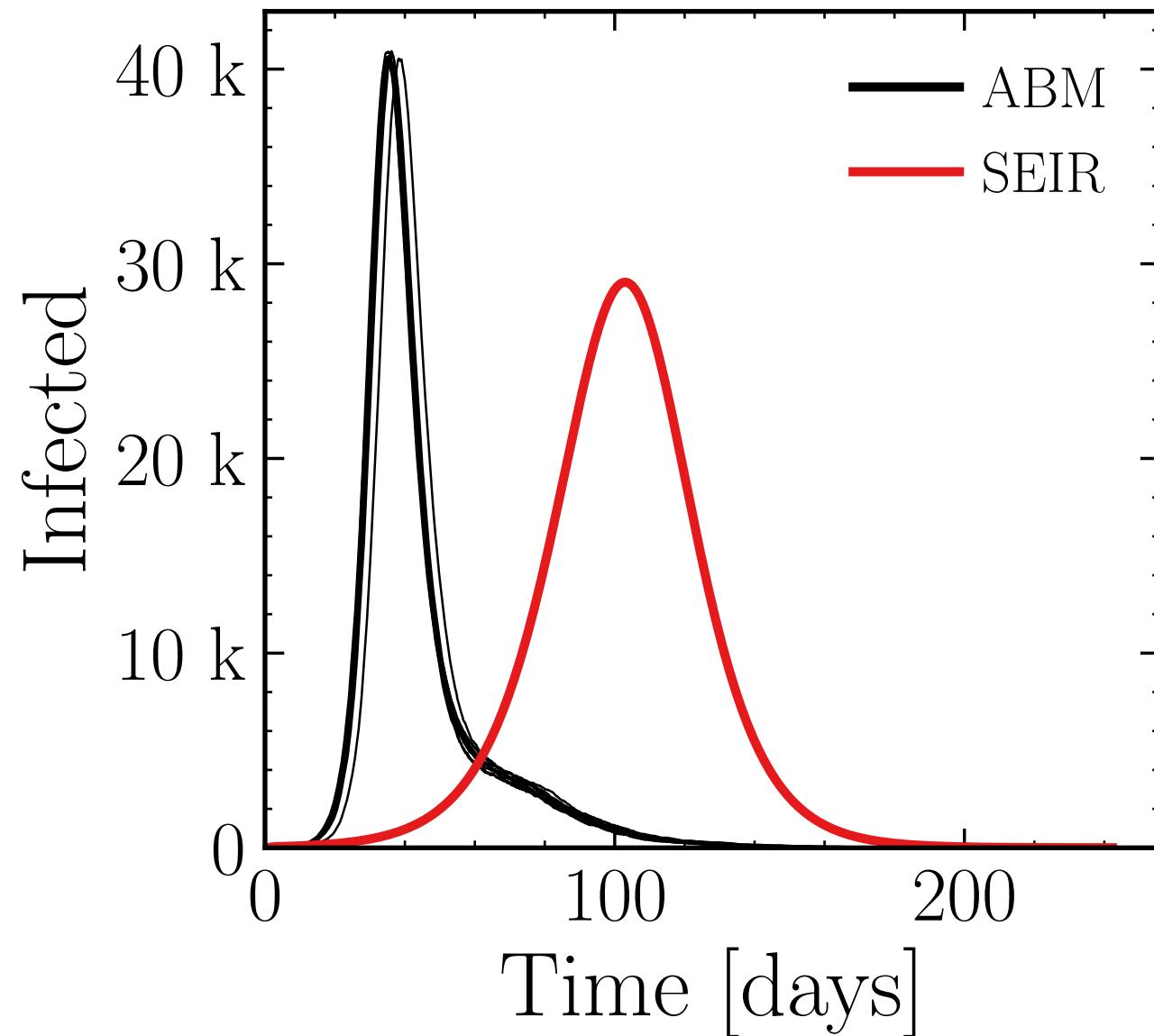
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.62 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 9a61cc3795, #10

$R_{\infty}^{\text{ABM}} = (213 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

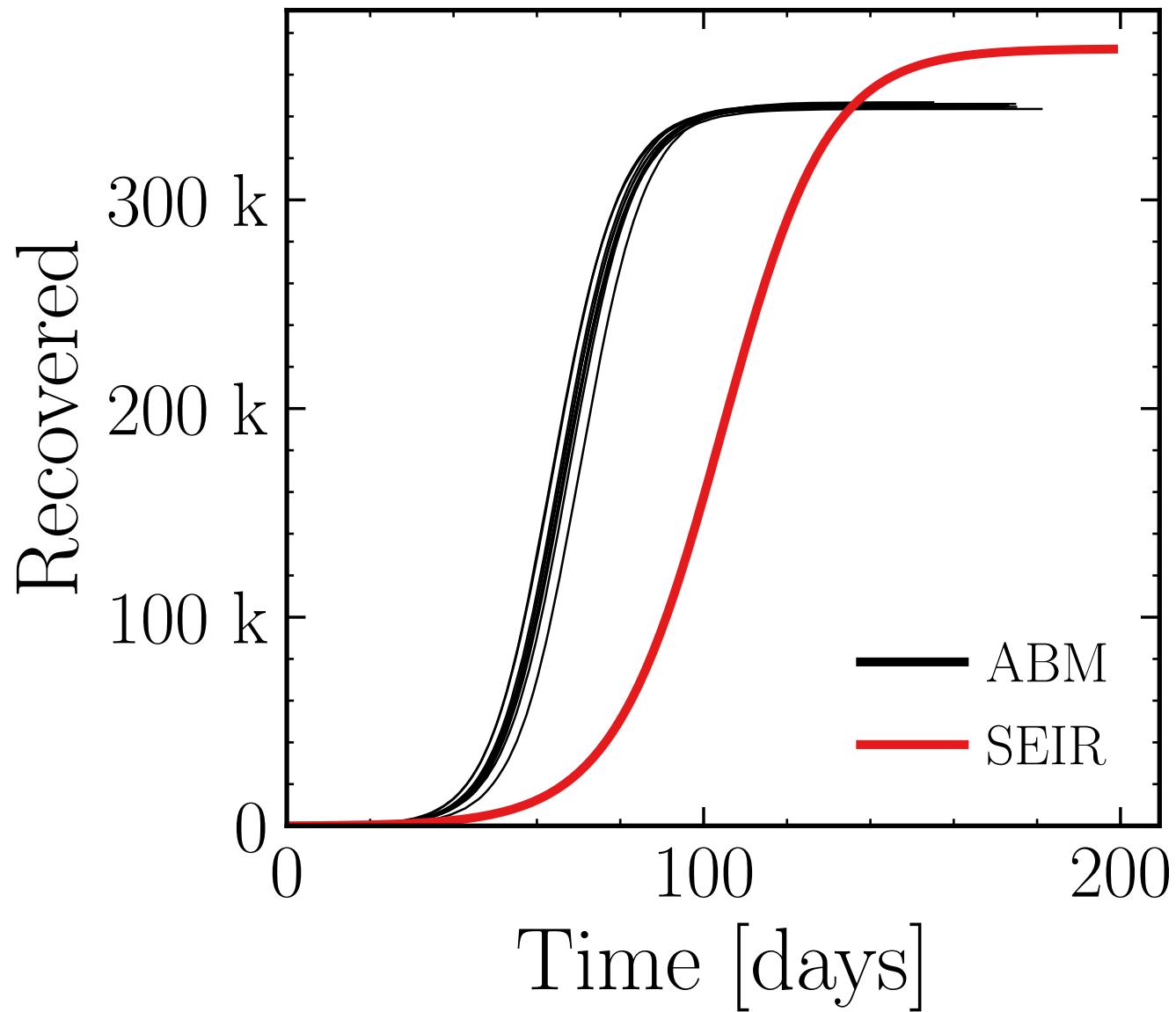
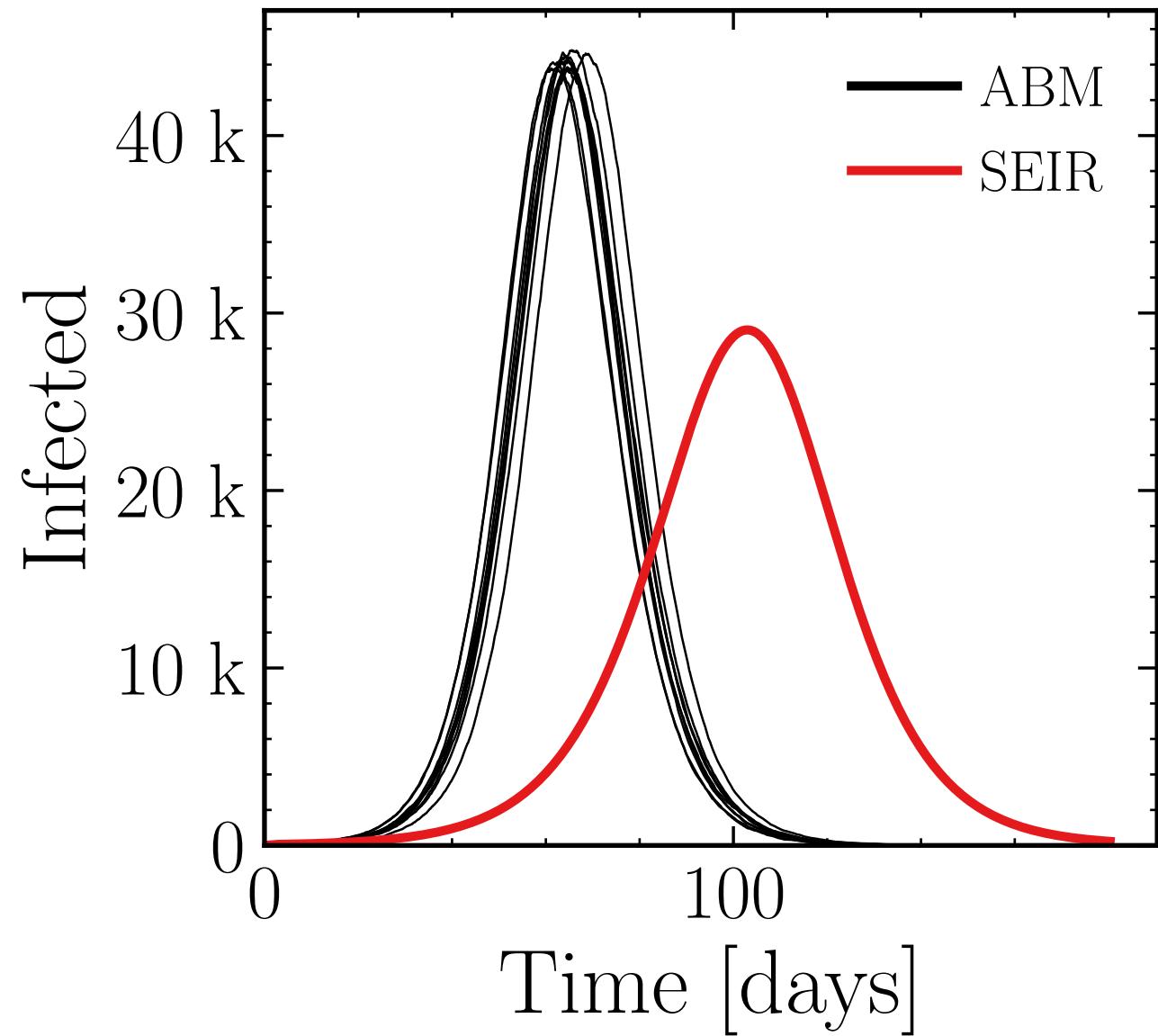
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (44.2 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = b5e7f76af, #10

$R_{\infty}^{\text{ABM}} = (345 \pm 0.088\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

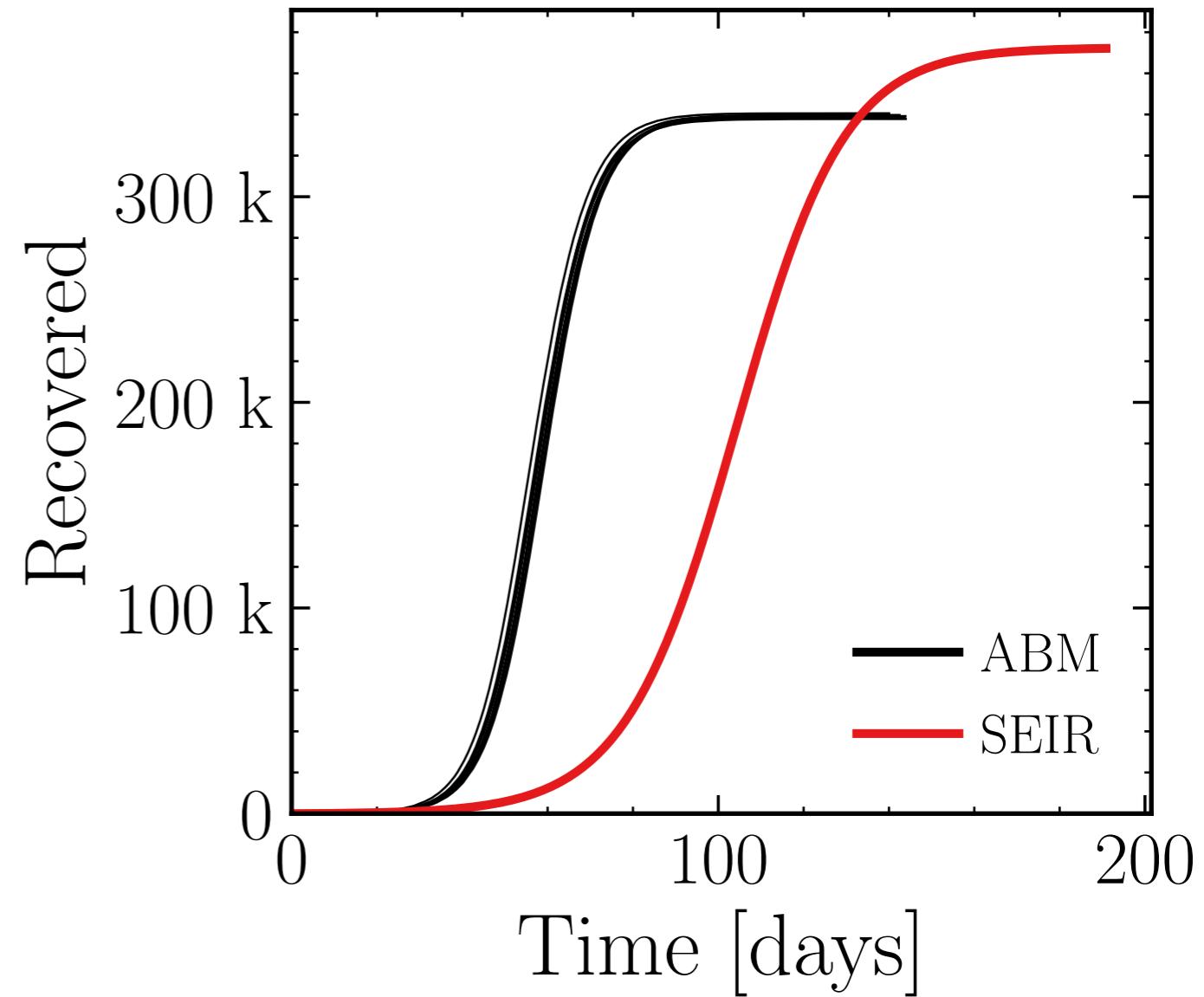
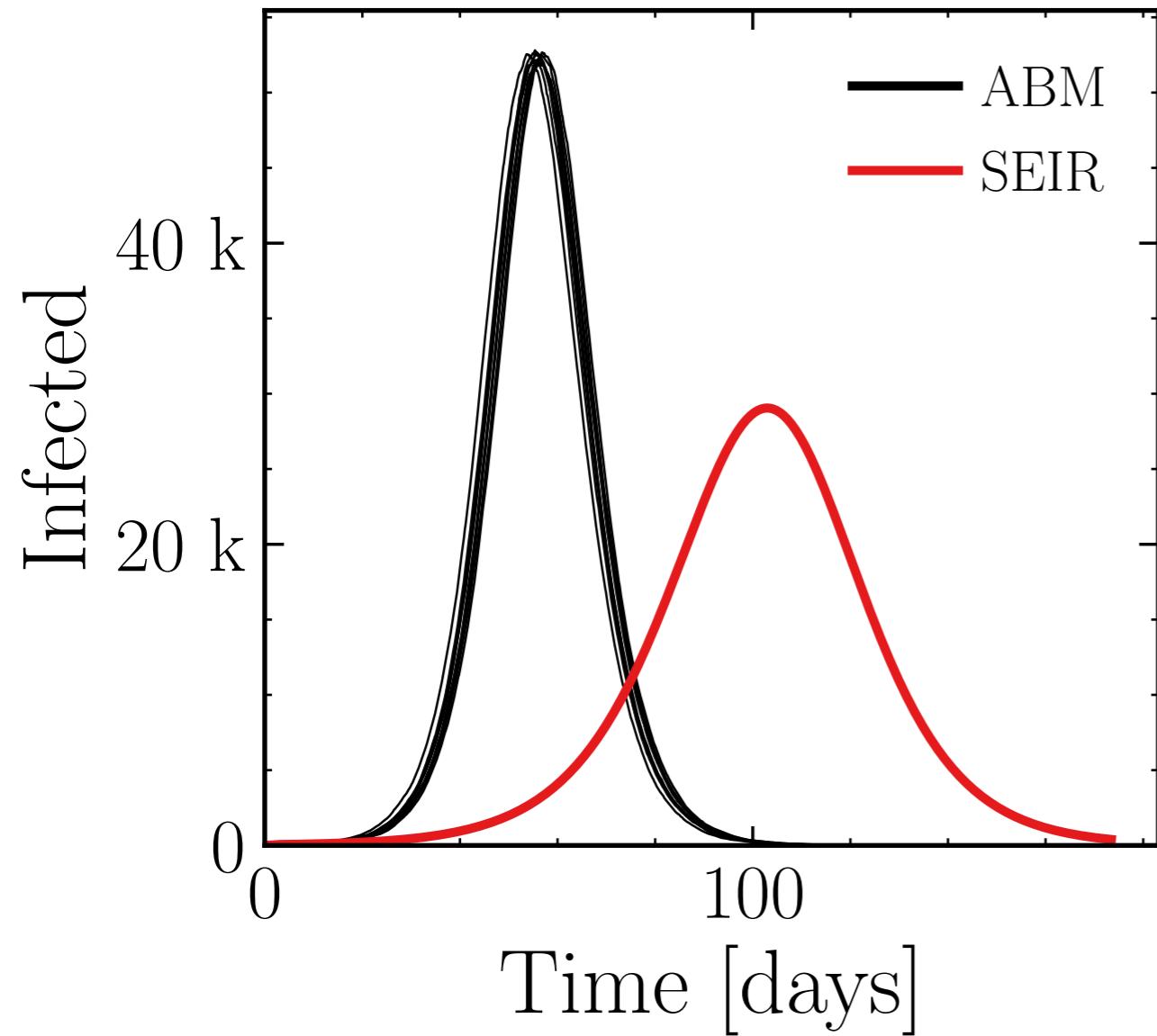
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (52.39 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = e8896d2037, #10

$R_{\infty}^{\text{ABM}} = (339 \pm 0.068\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

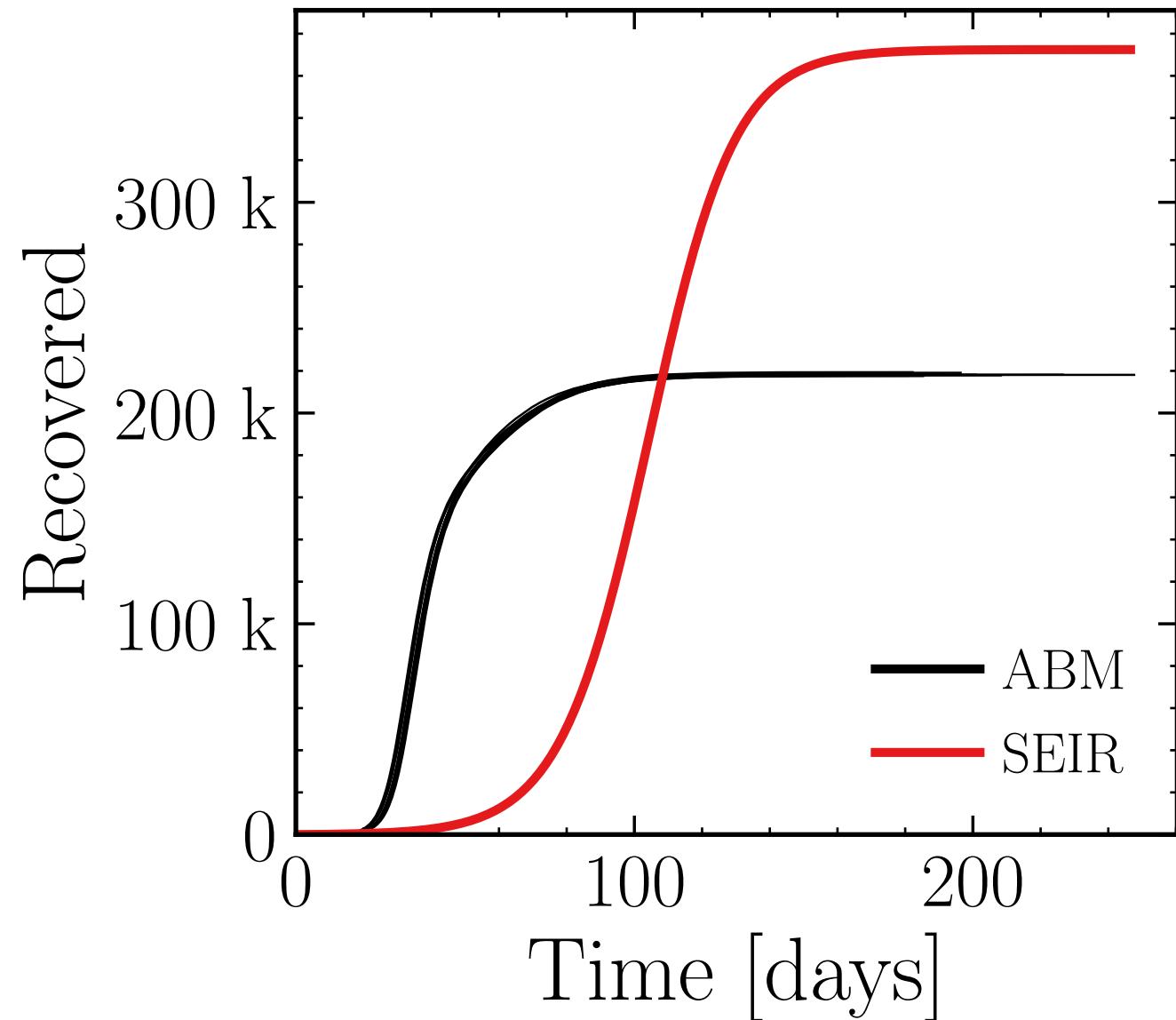
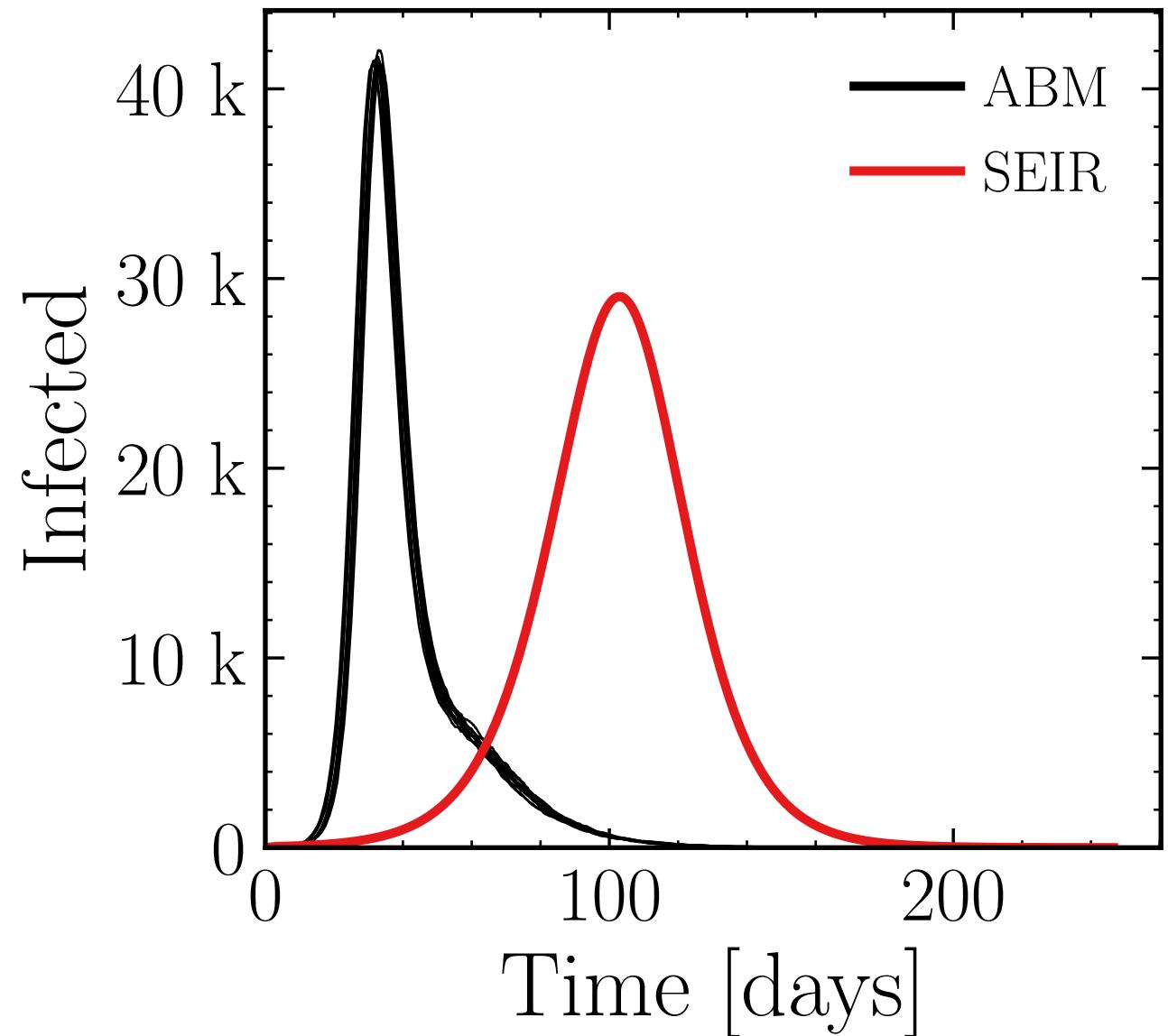
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (41.42 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 9bbe850b9d, #10

$R_{\infty}^{\text{ABM}} = (218.3 \pm 0.082\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

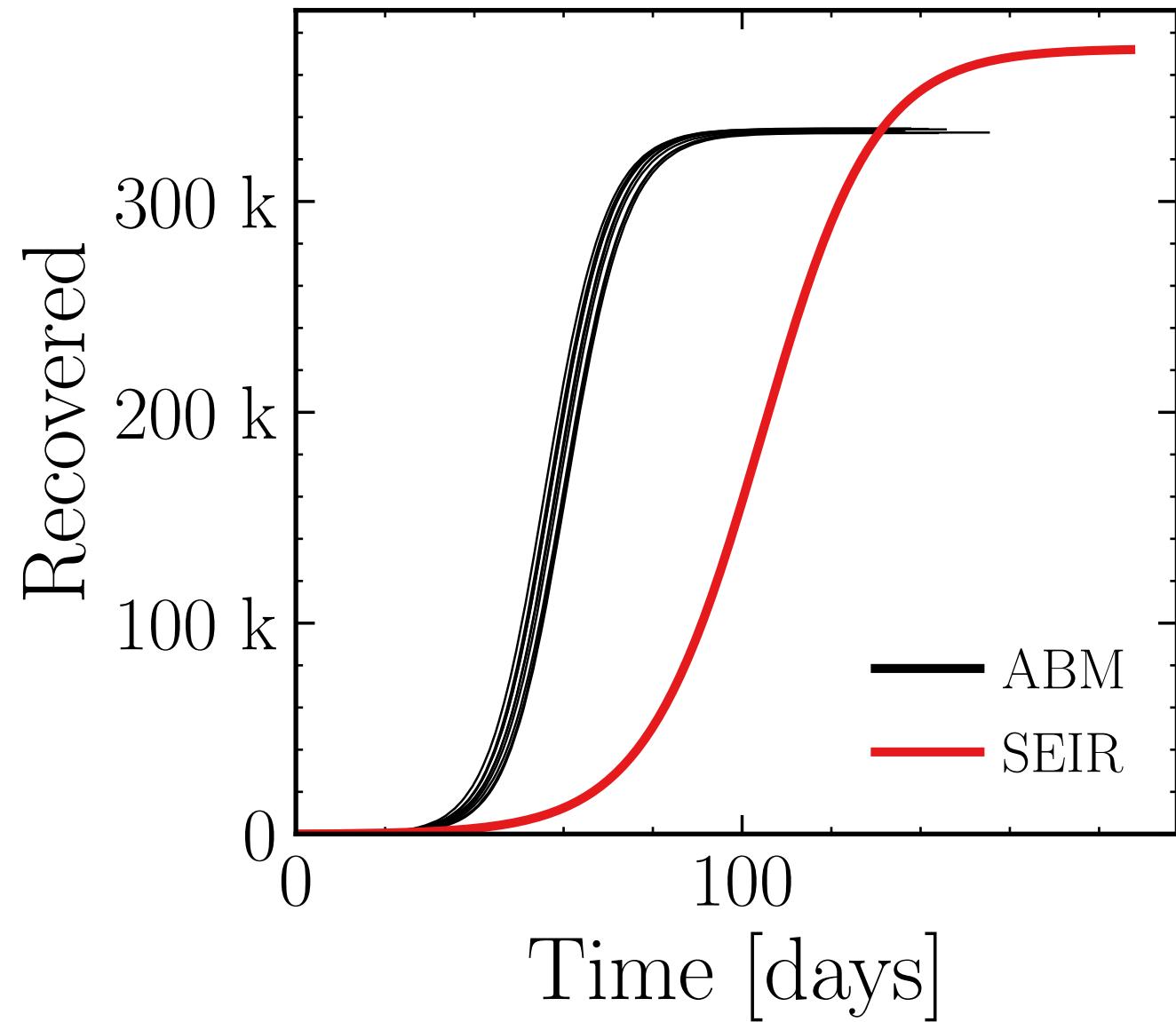
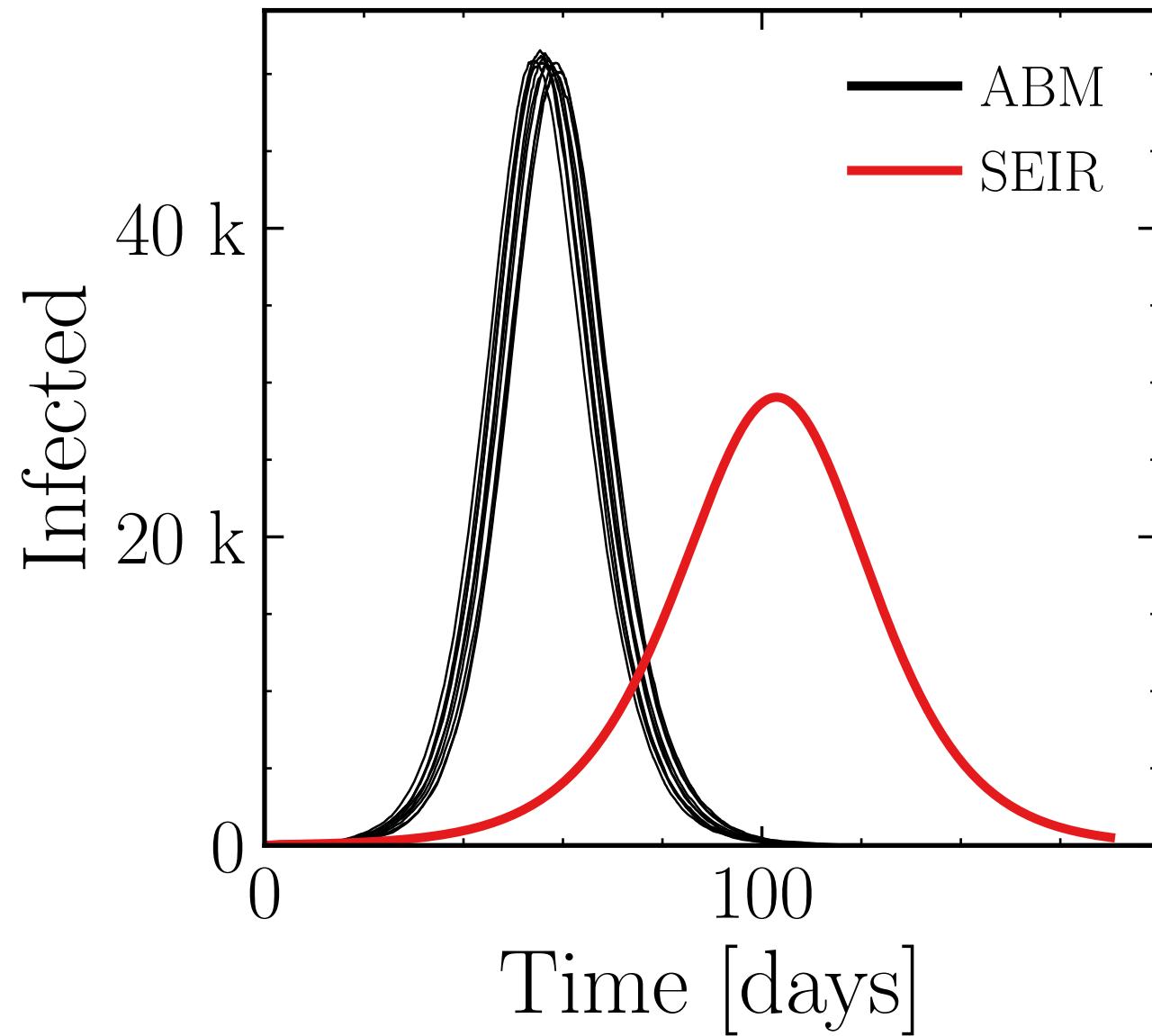
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (50.8 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 7900eb8c8b, #10

$R_{\infty}^{\text{ABM}} = (333.7 \pm 0.071\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

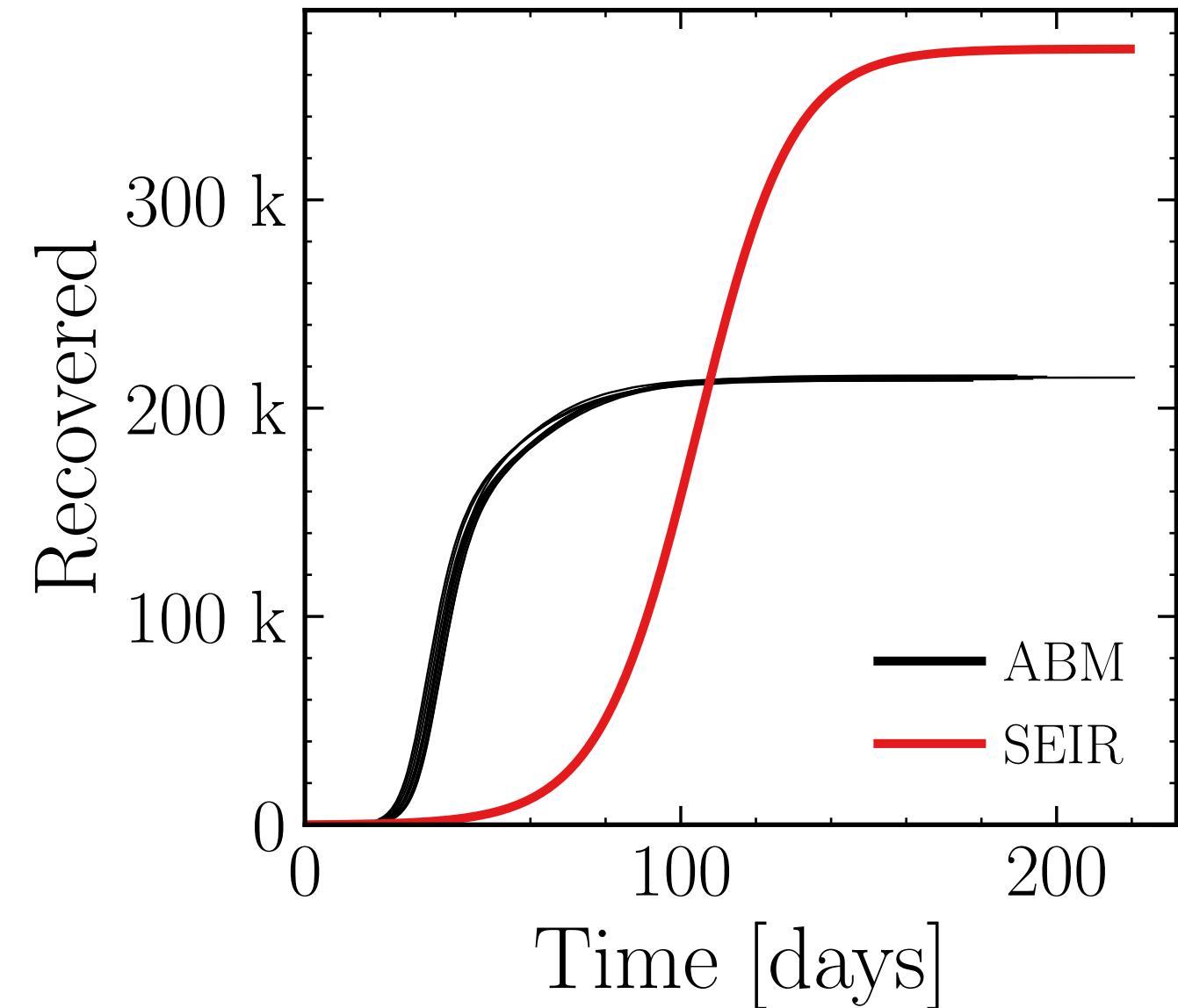
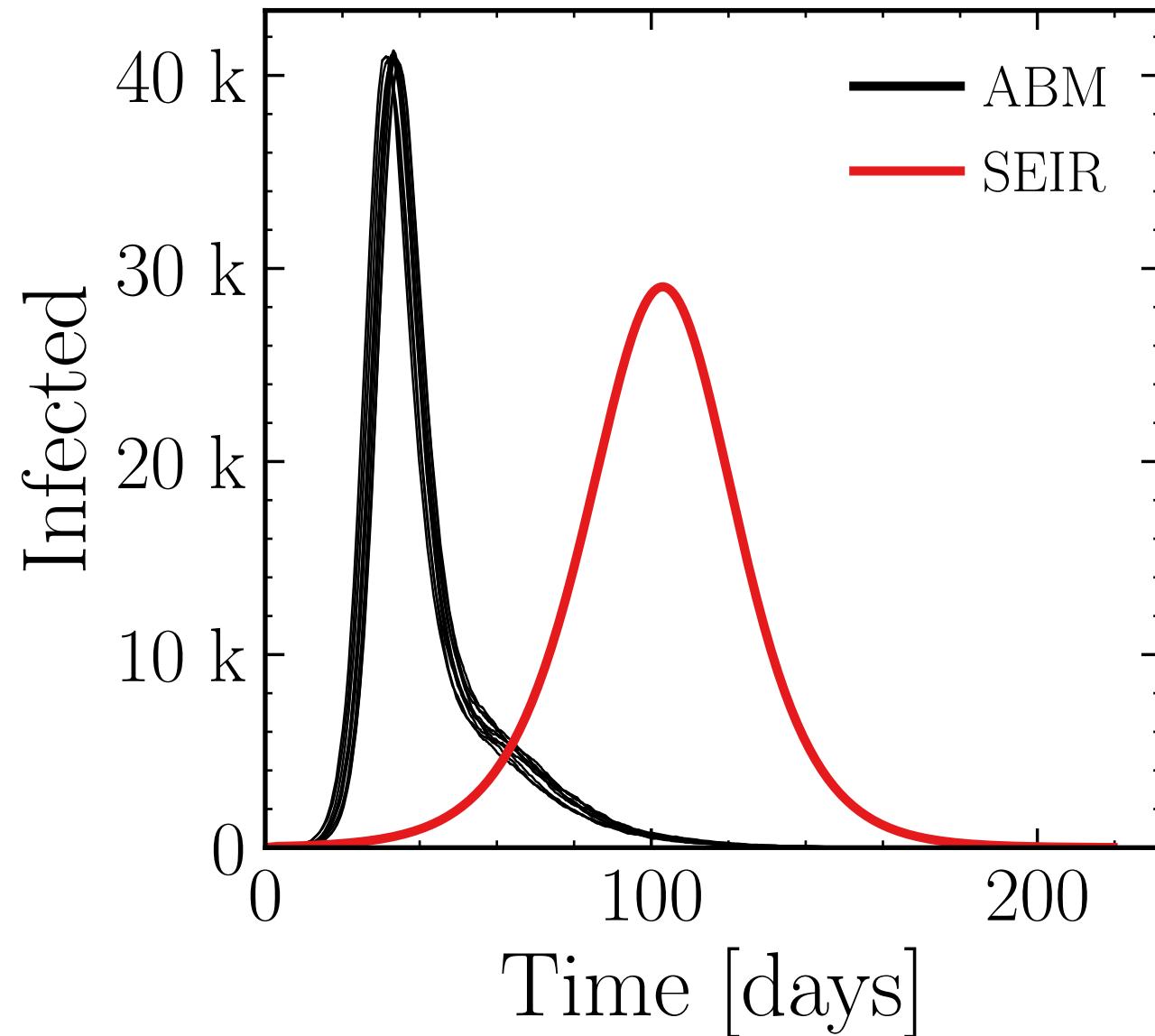
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.85 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 44f212126b, #10

$R_\infty^{\text{ABM}} = (214.3 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

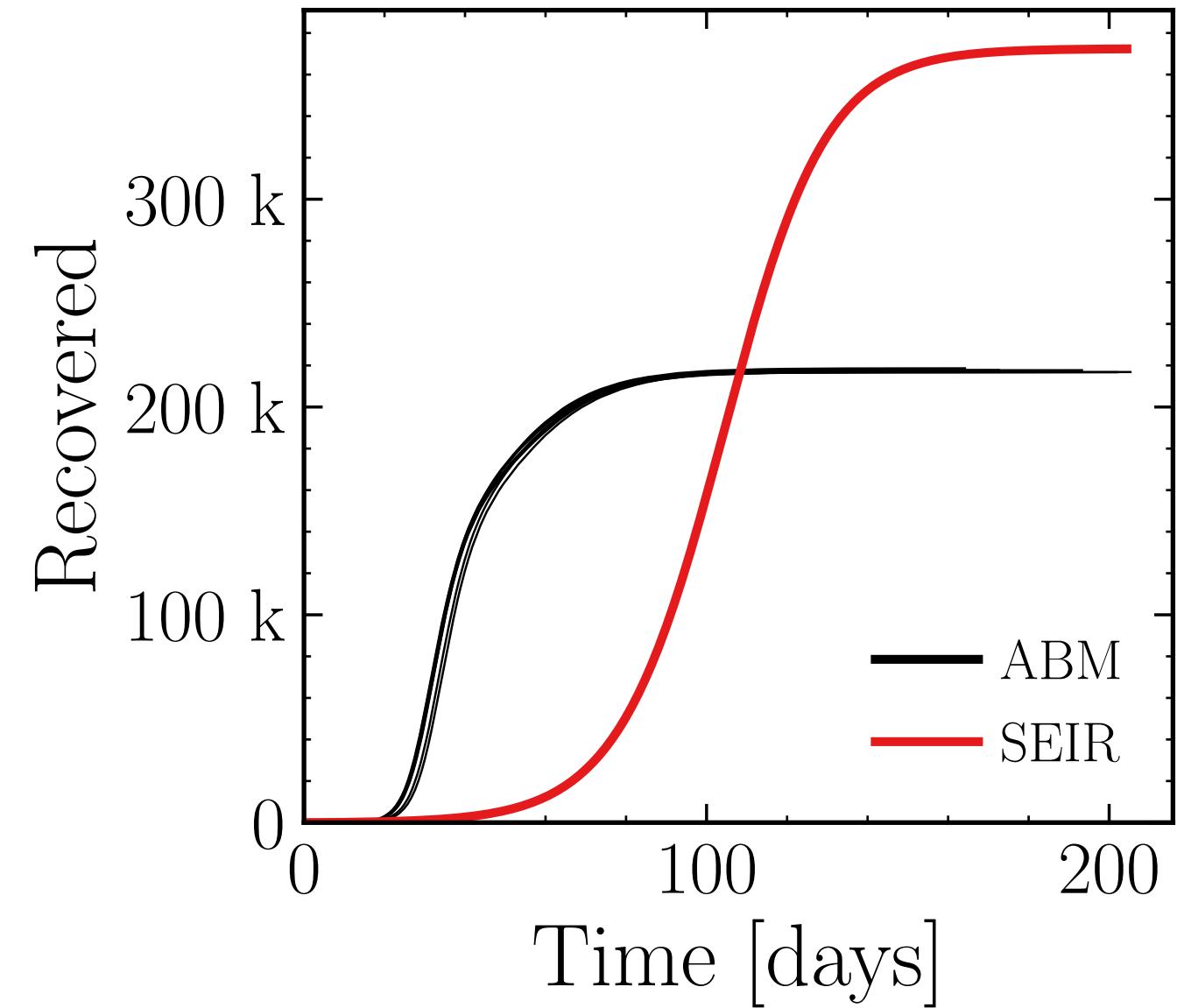
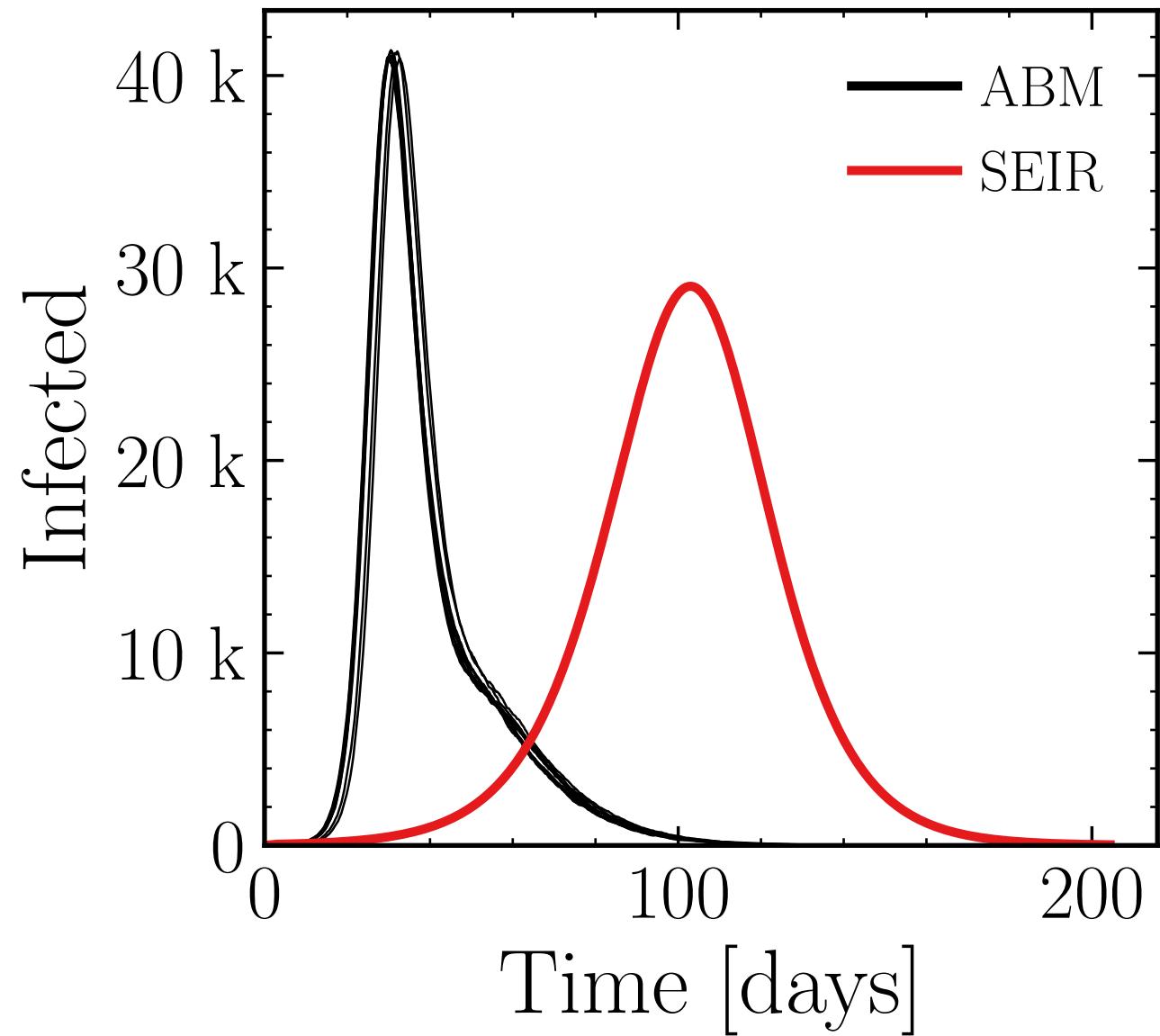
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (41.05 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 42f6511bcb, #10

$R_{\infty}^{\text{ABM}} = (217.3 \pm 0.082\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

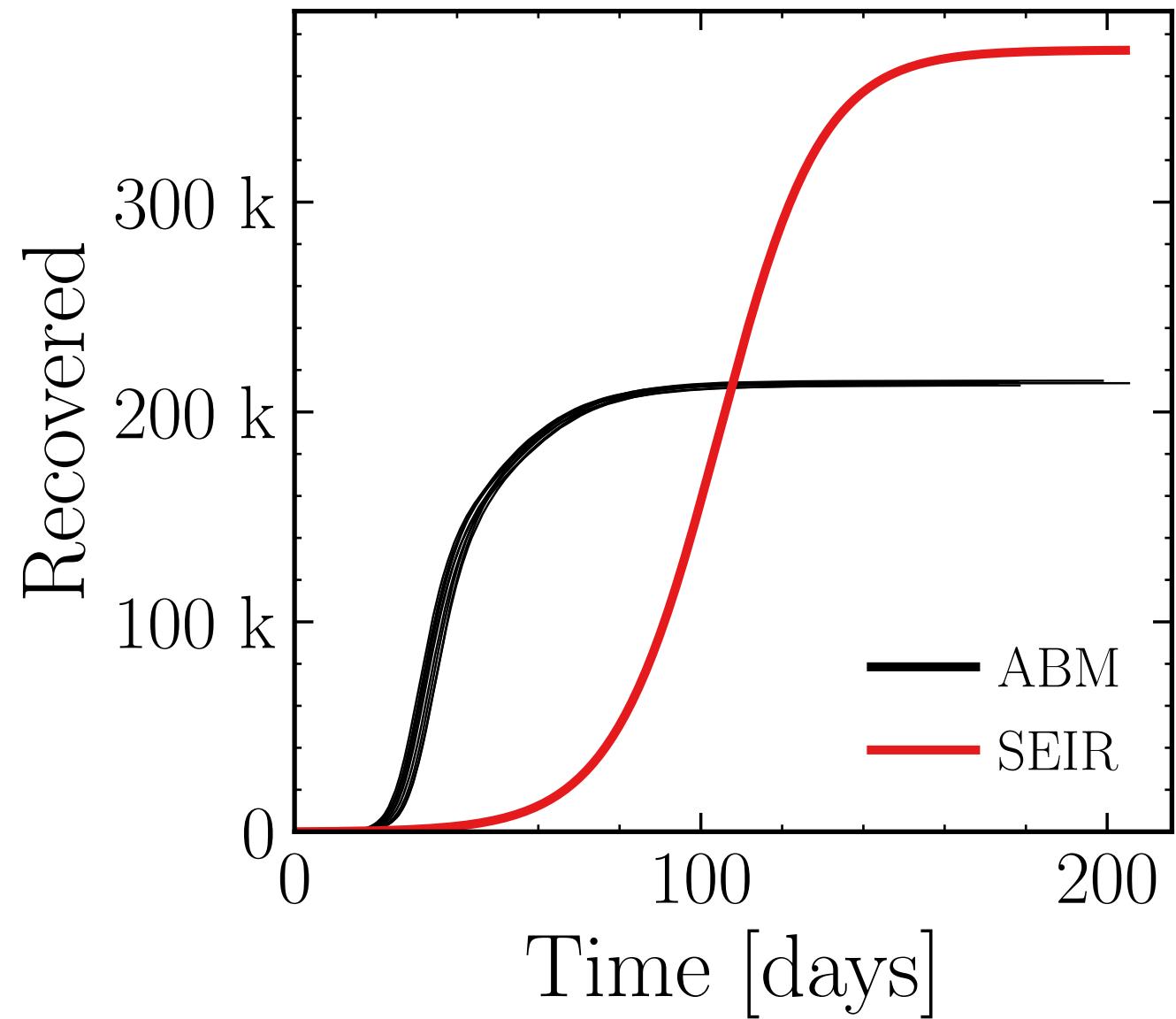
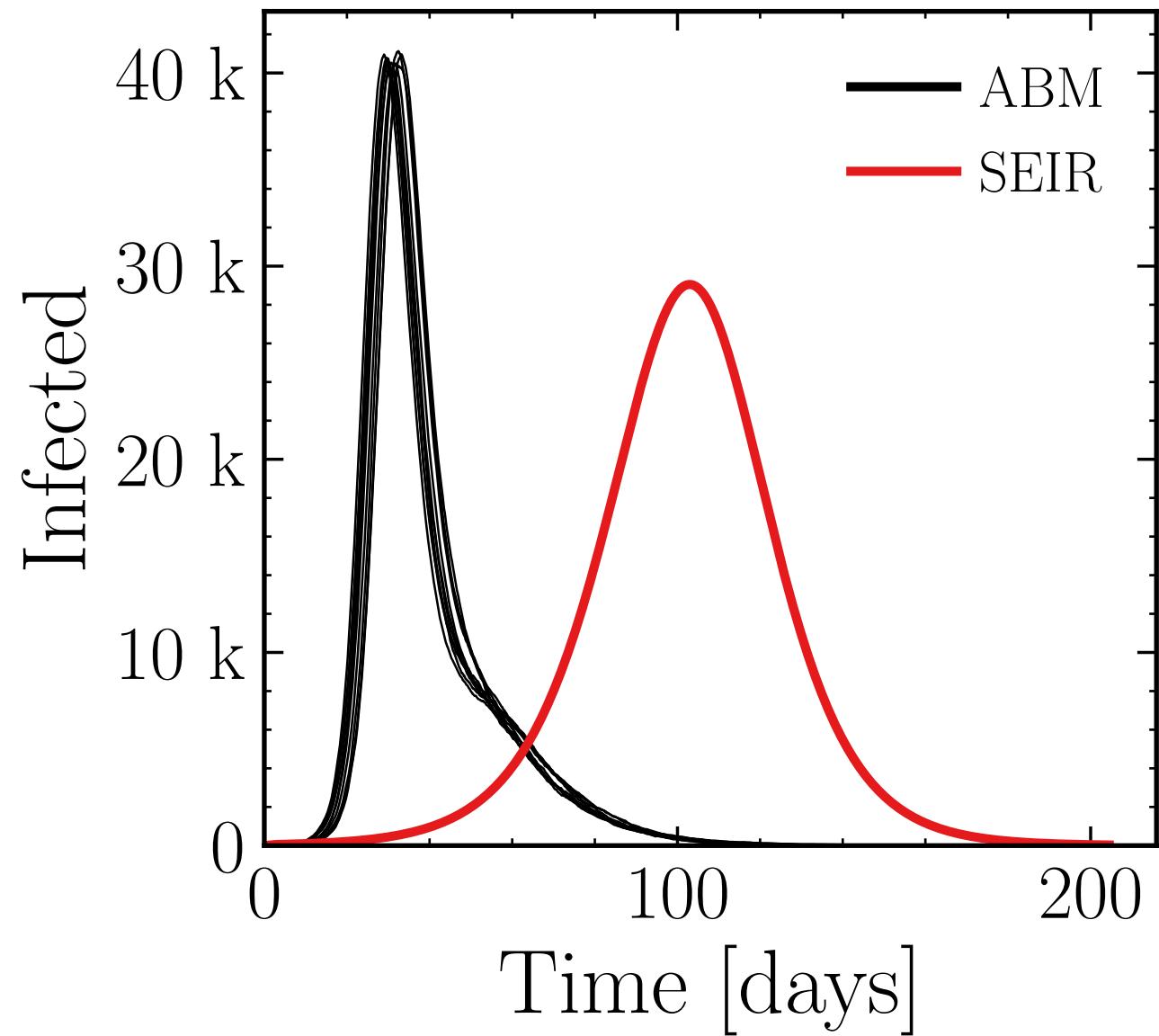
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (40.67 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = bf2d74c098, #10

$R_{\infty}^{\text{ABM}} = (213.8 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 10$

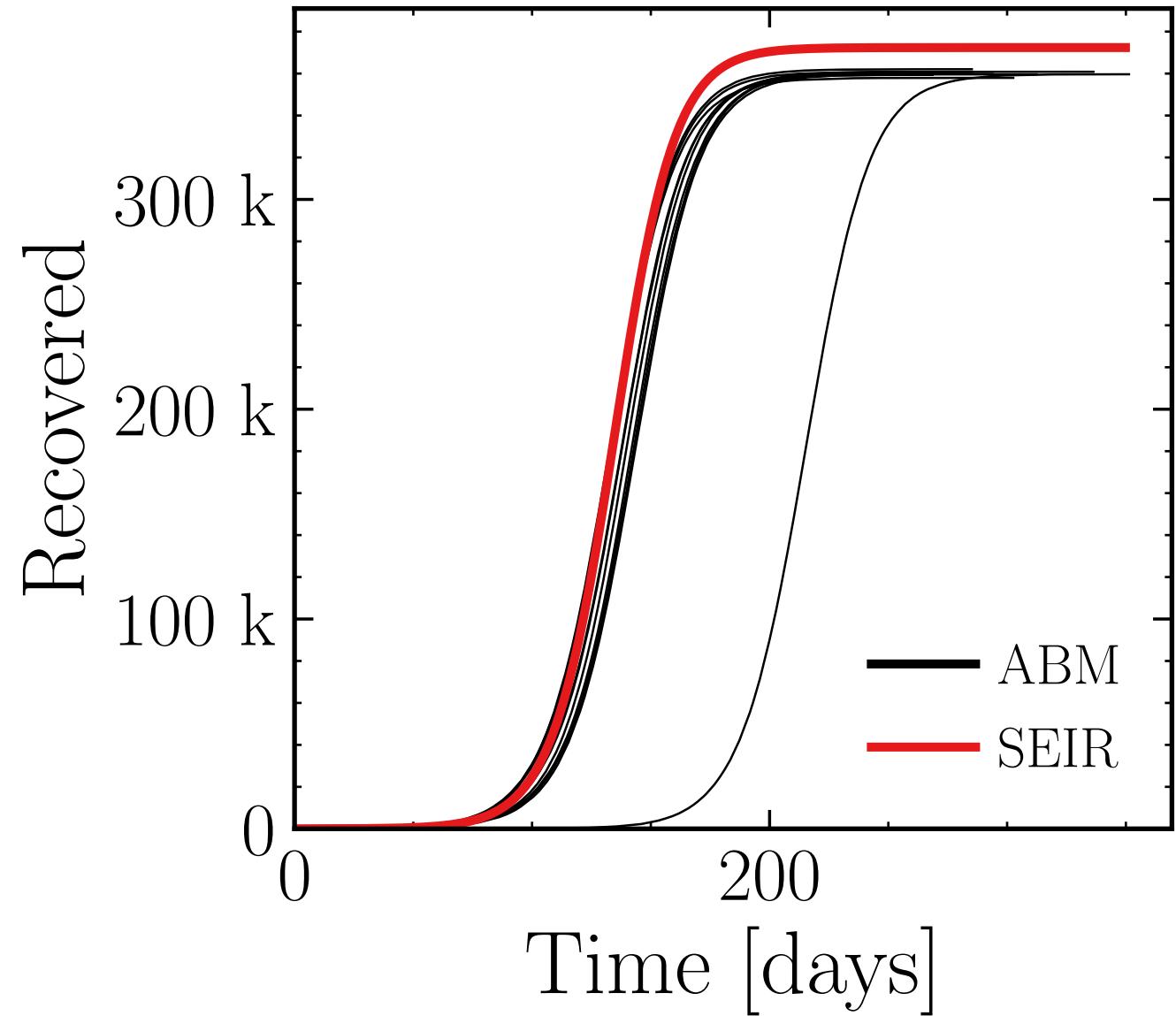
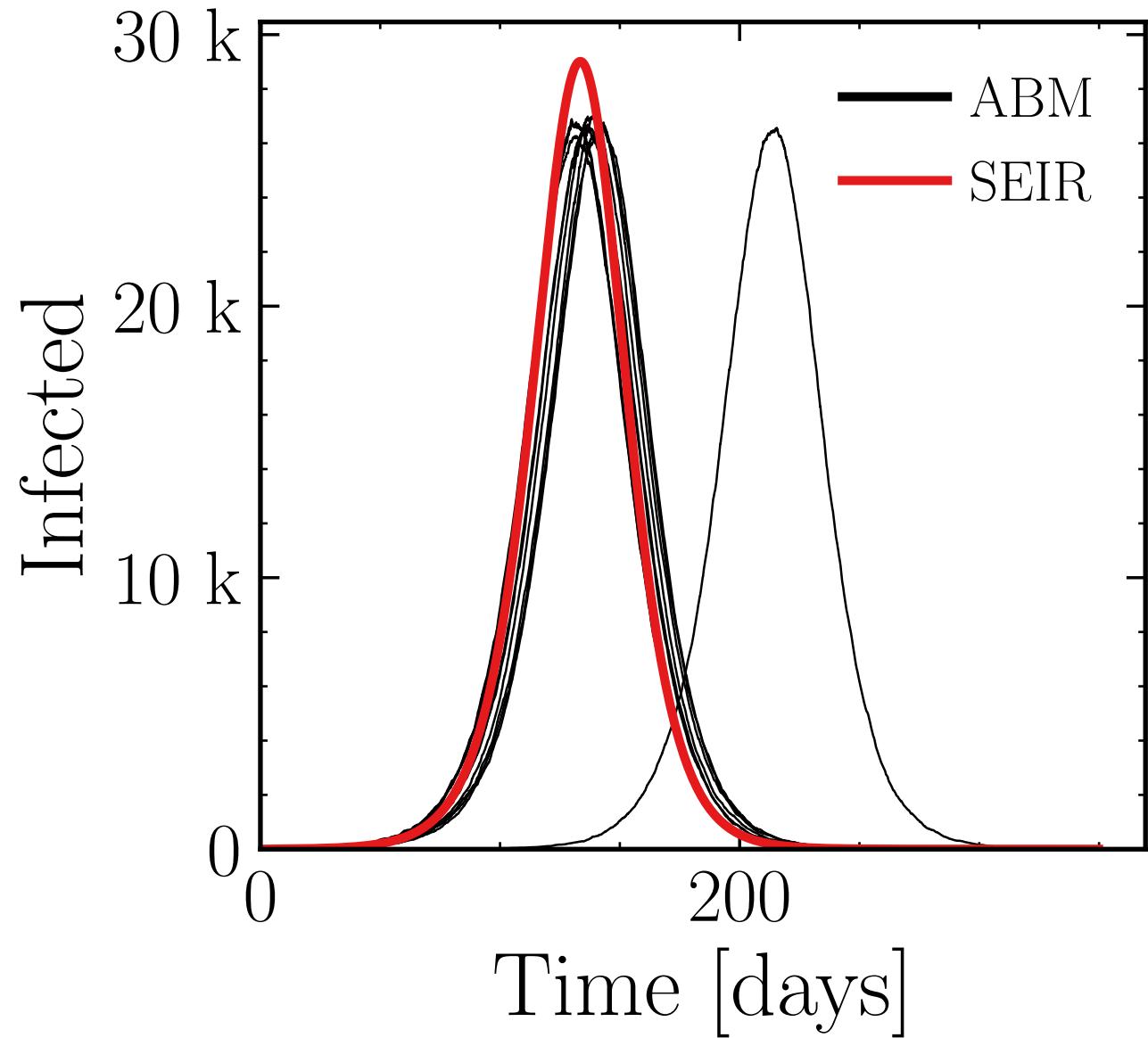
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (26.71 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = cdf78d9b72, #10

$R_\infty^{\text{ABM}} = (360.2 \pm 0.093\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 1K$

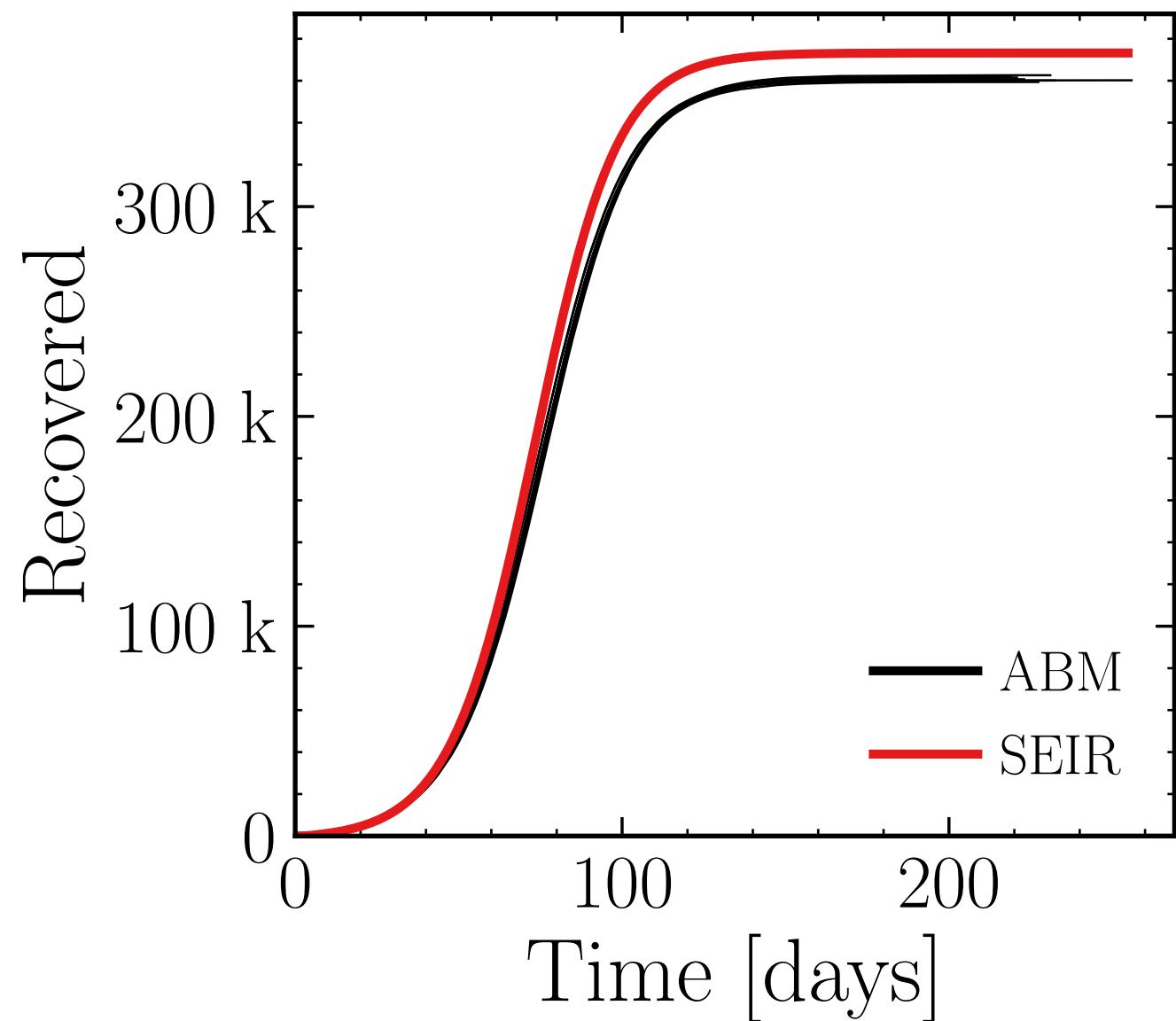
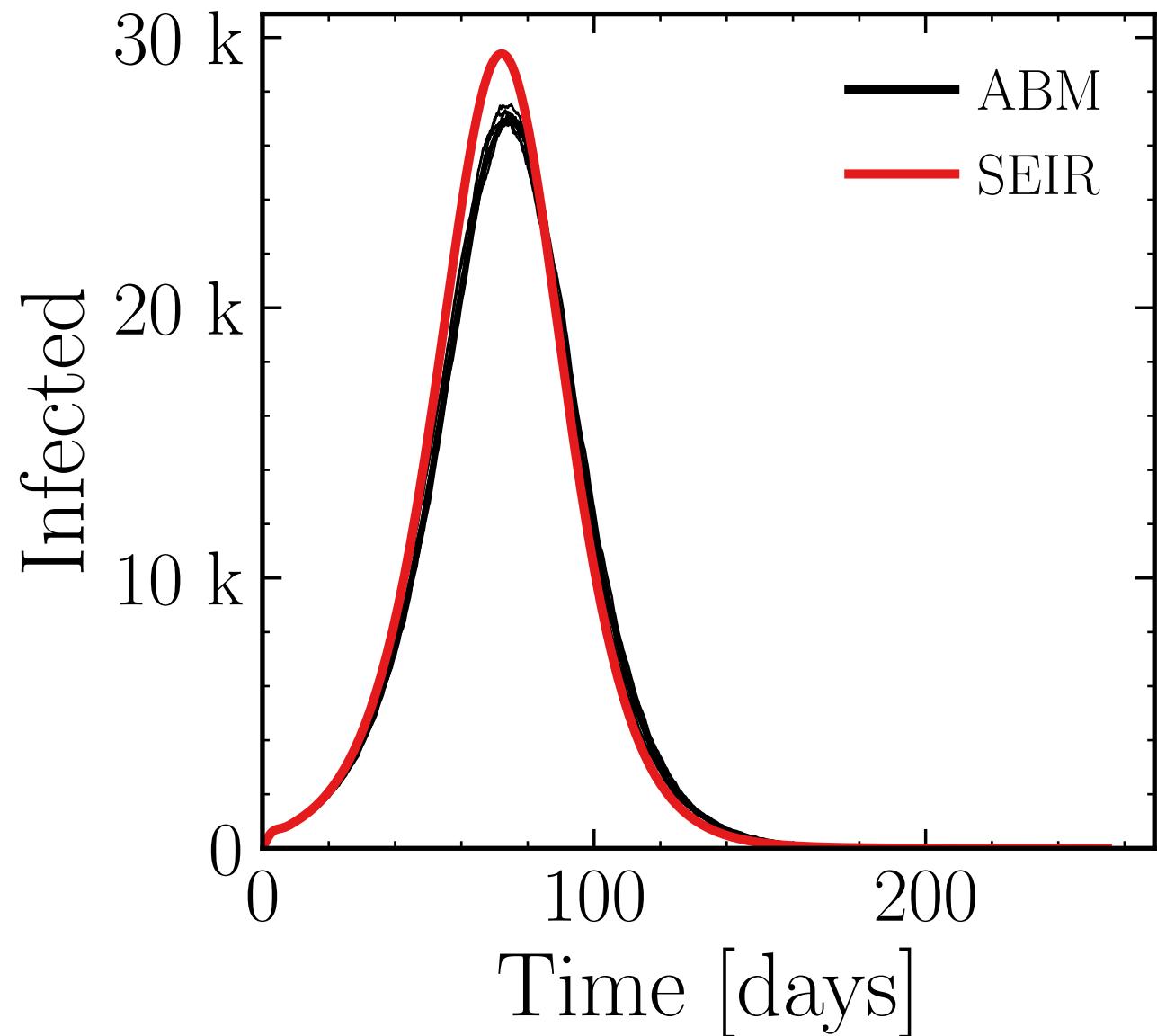
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (27.14 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 626b4f74c1, #10

$R_{\infty}^{\text{ABM}} = (360.9 \pm 0.078\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 10K$

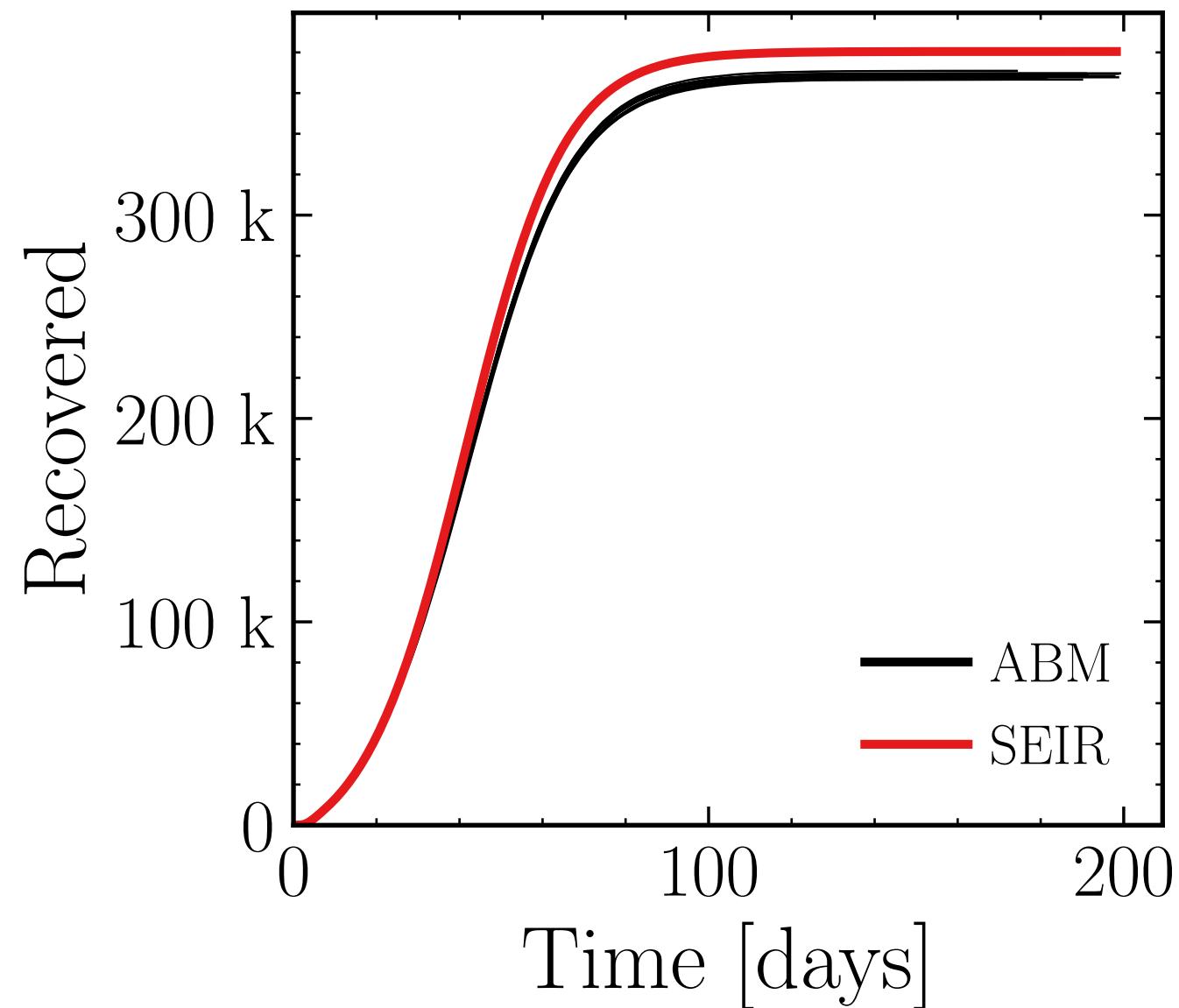
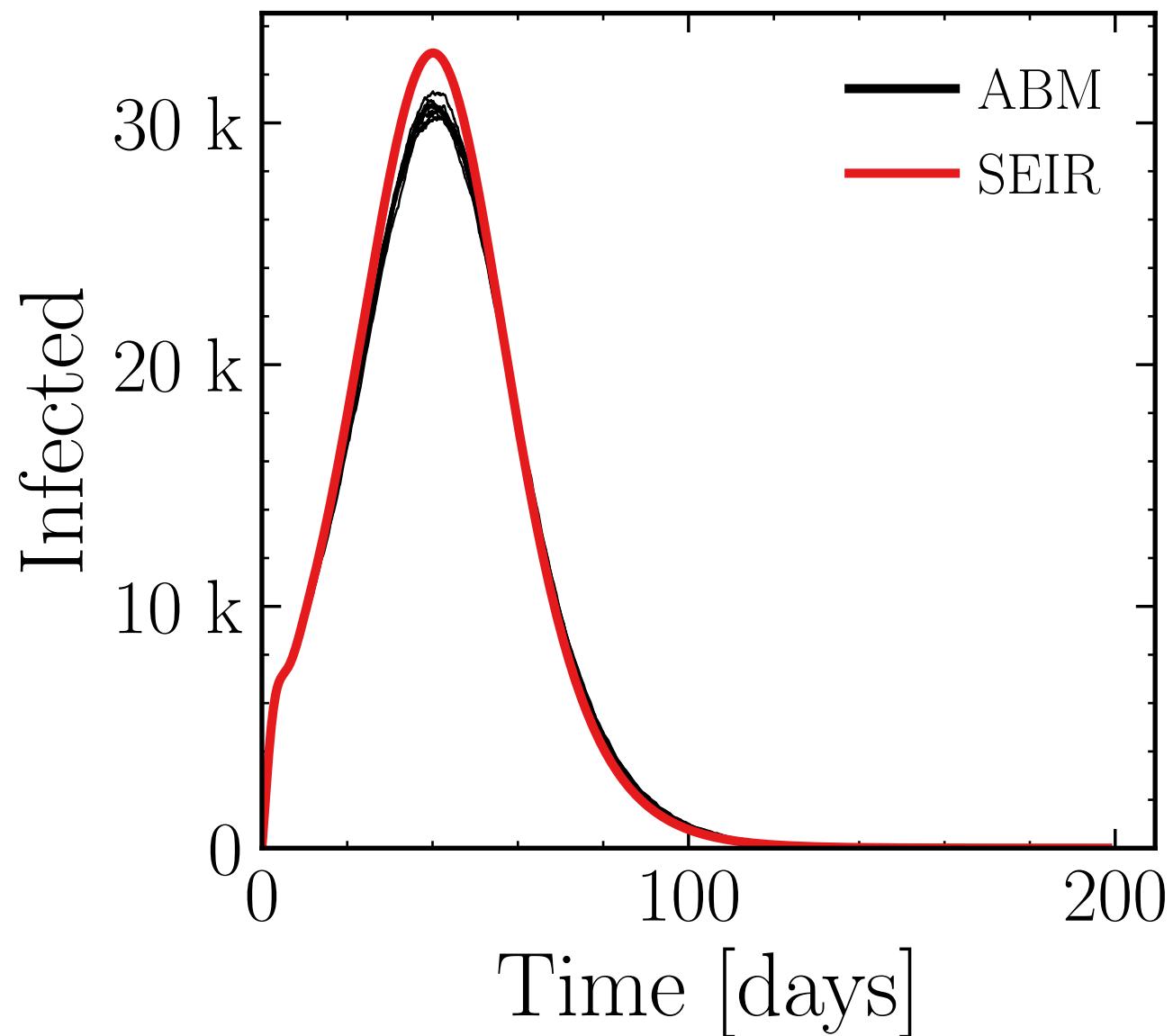
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (30.72 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = 19c30decdec, #10

$R_{\infty}^{\text{ABM}} = (368.6 \pm 0.11\%) \cdot 10^3$



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

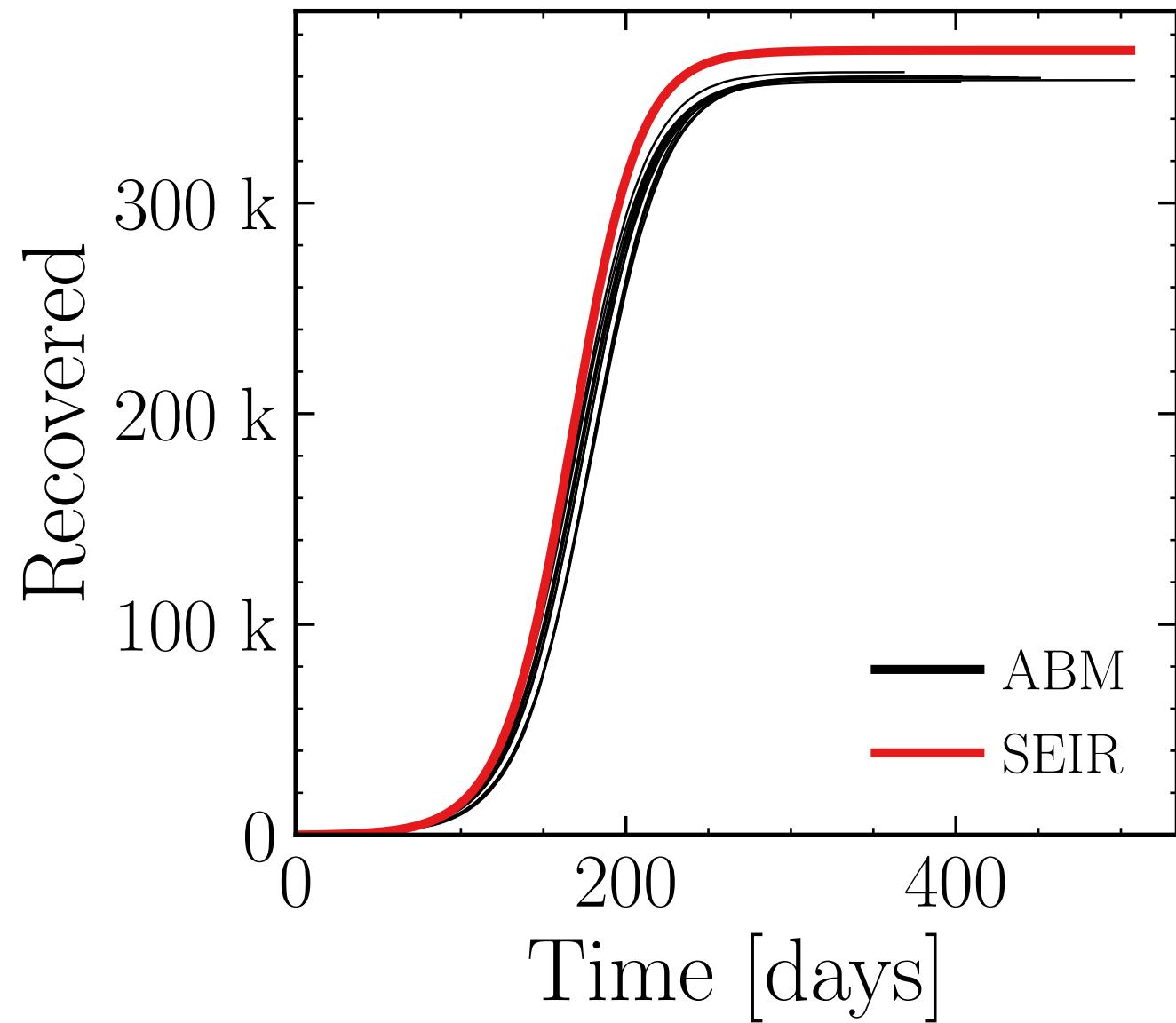
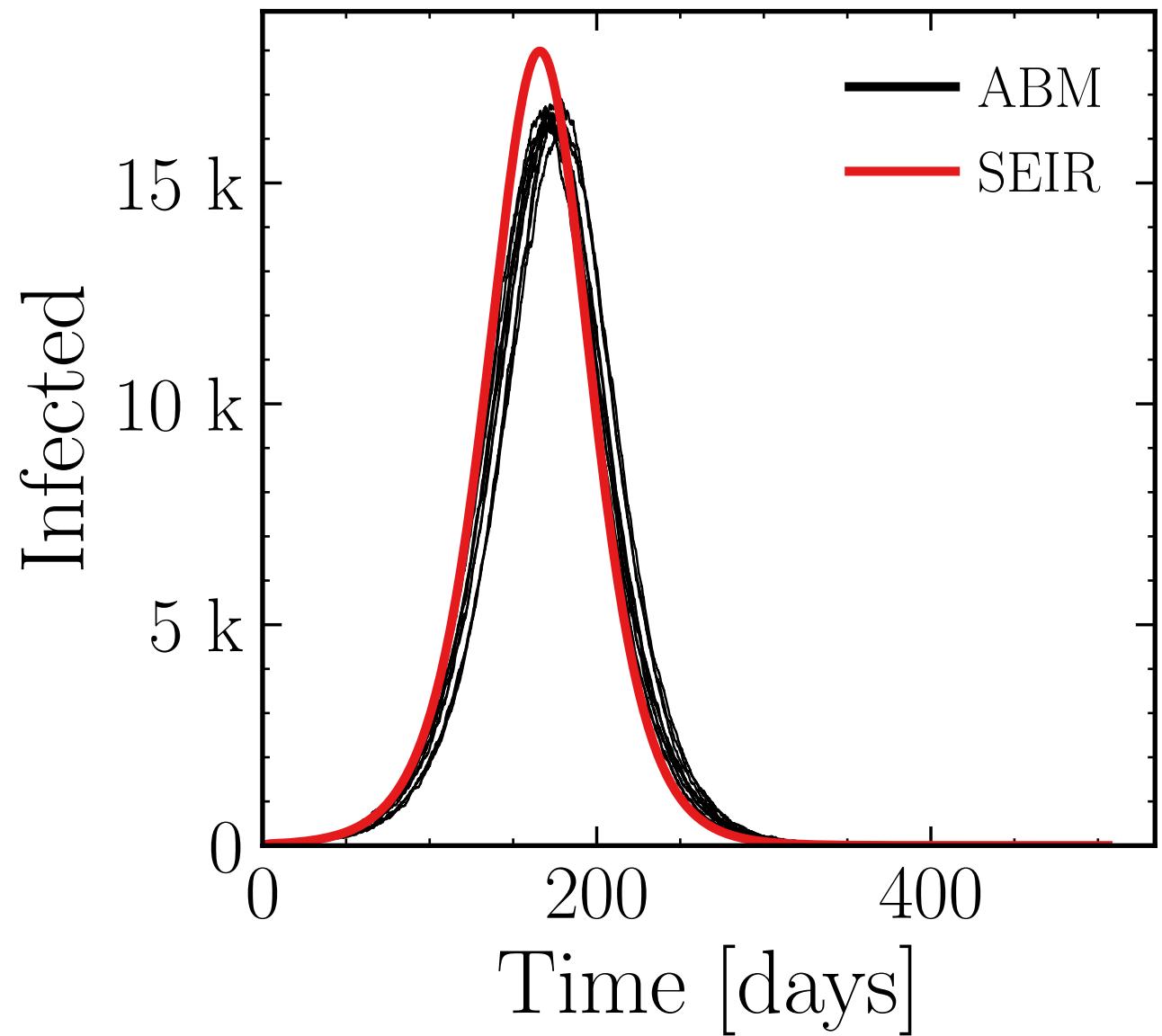
$\lambda_E = 0.5$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (16.57 \pm 0.36\%) \cdot 10^3$

v. = 1.0, hash = 4aea021601, #10

$R_{\infty}^{\text{ABM}} = (359.6 \pm 0.099\%) \cdot 10^3$



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

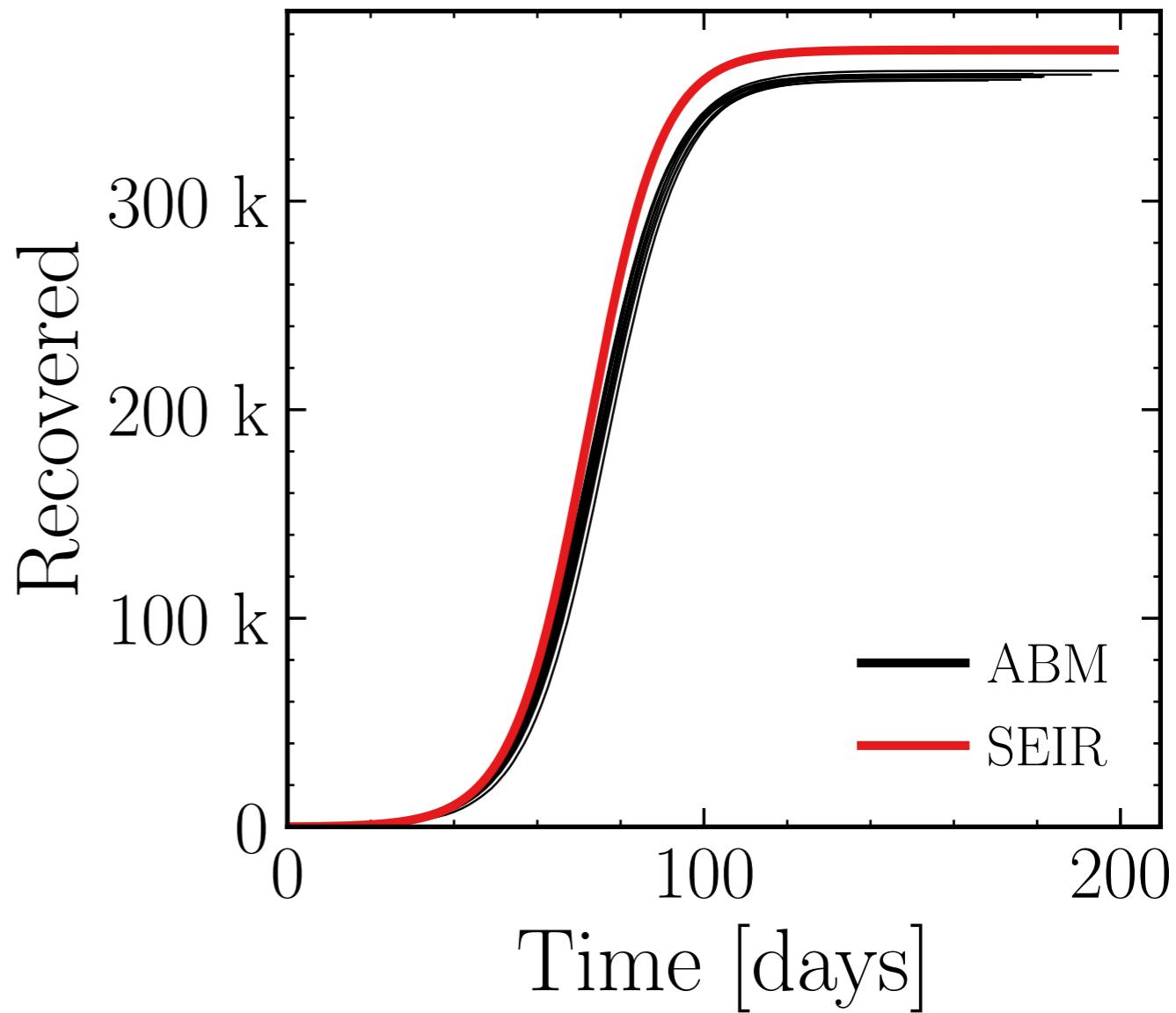
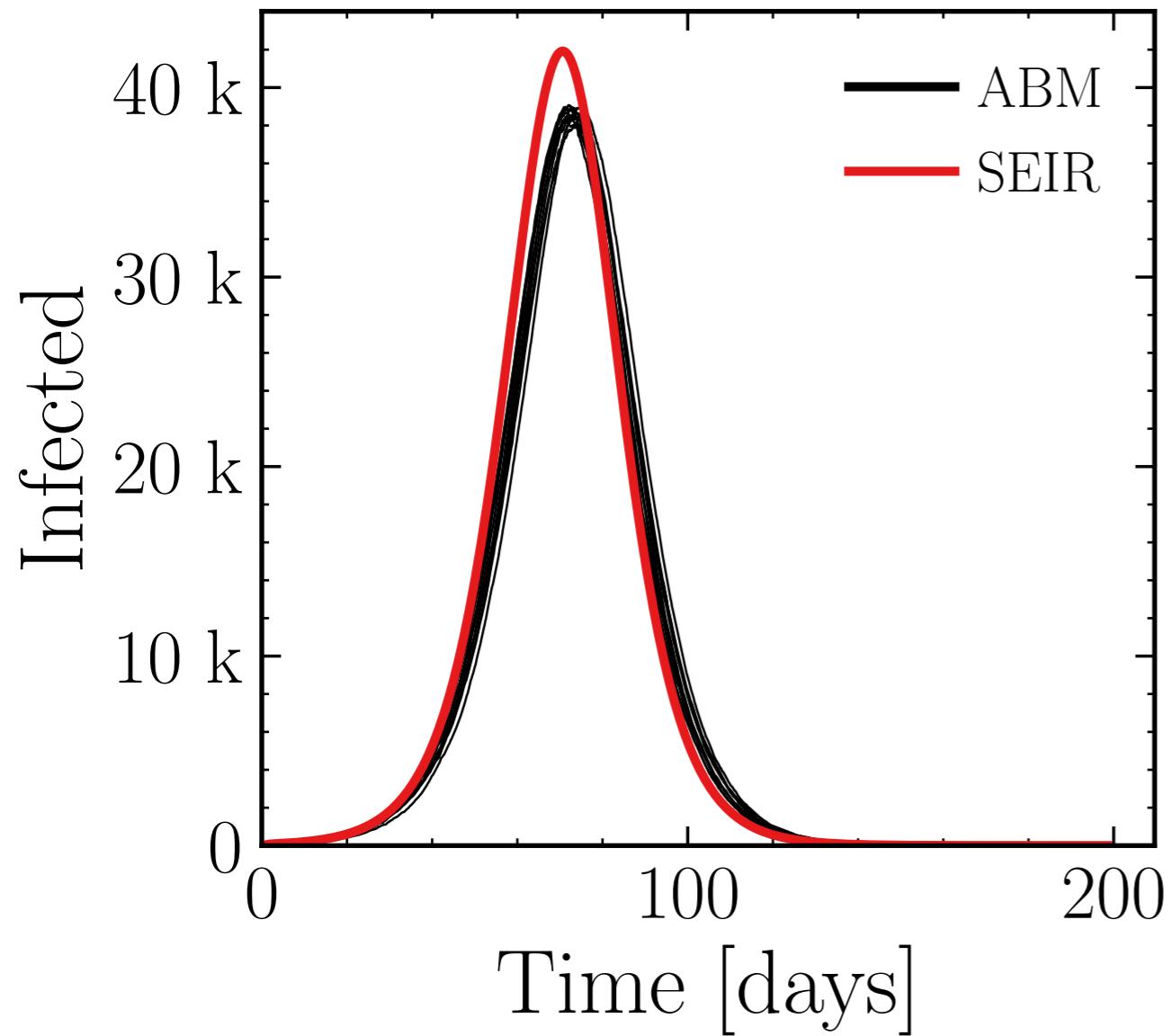
$\lambda_E = 2.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (38.7 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = 9a476d0fb, #10

$R_\infty^{\text{ABM}} = (359.9 \pm 0.11\%) \cdot 10^3$



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

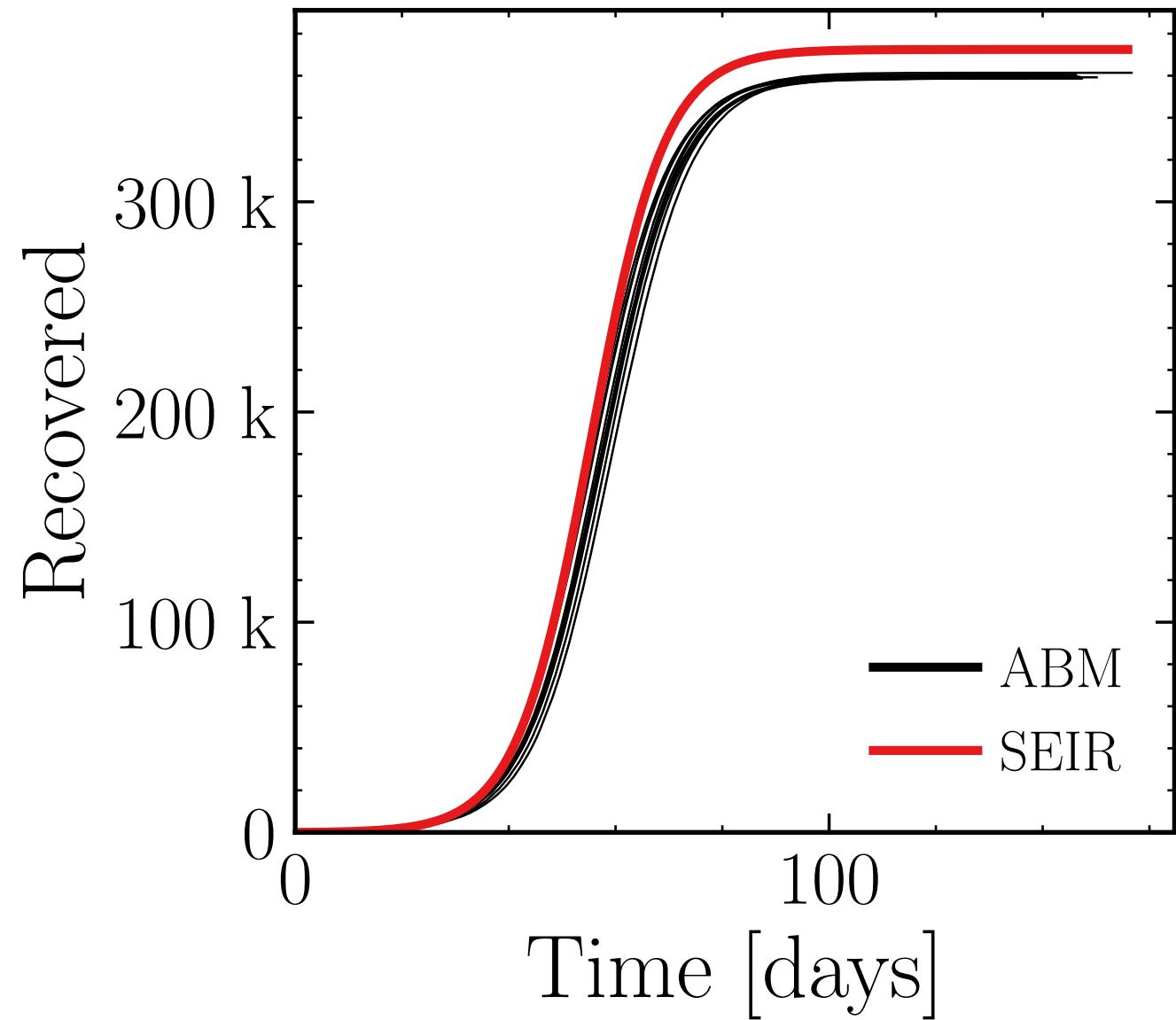
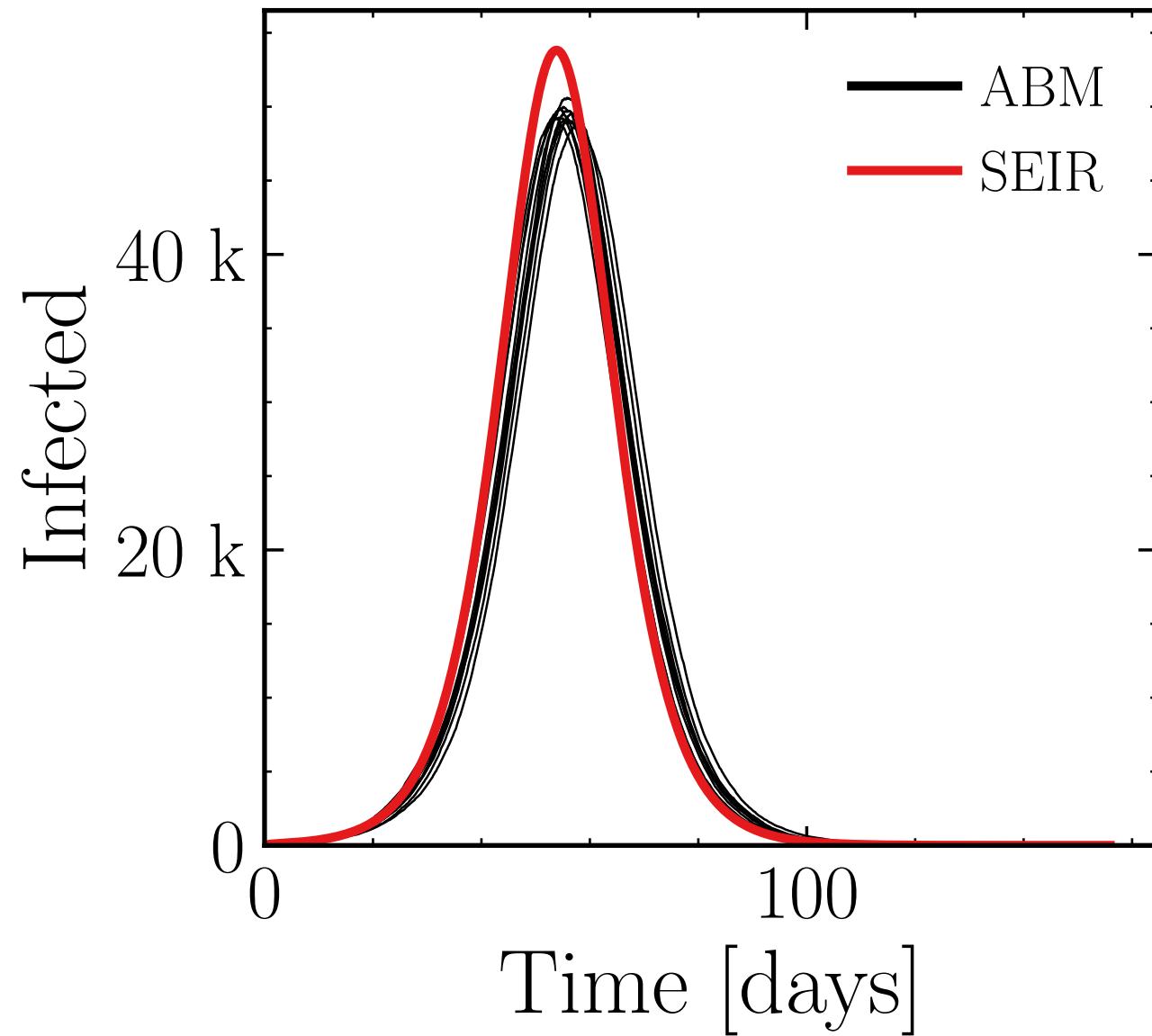
$\lambda_E = 4.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (49.5 \pm 0.33\%) \cdot 10^3$

v. = 1.0, hash = 435ecfd282, #10

$R_{\infty}^{\text{ABM}} = (359.8 \pm 0.073\%) \cdot 10^3$



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

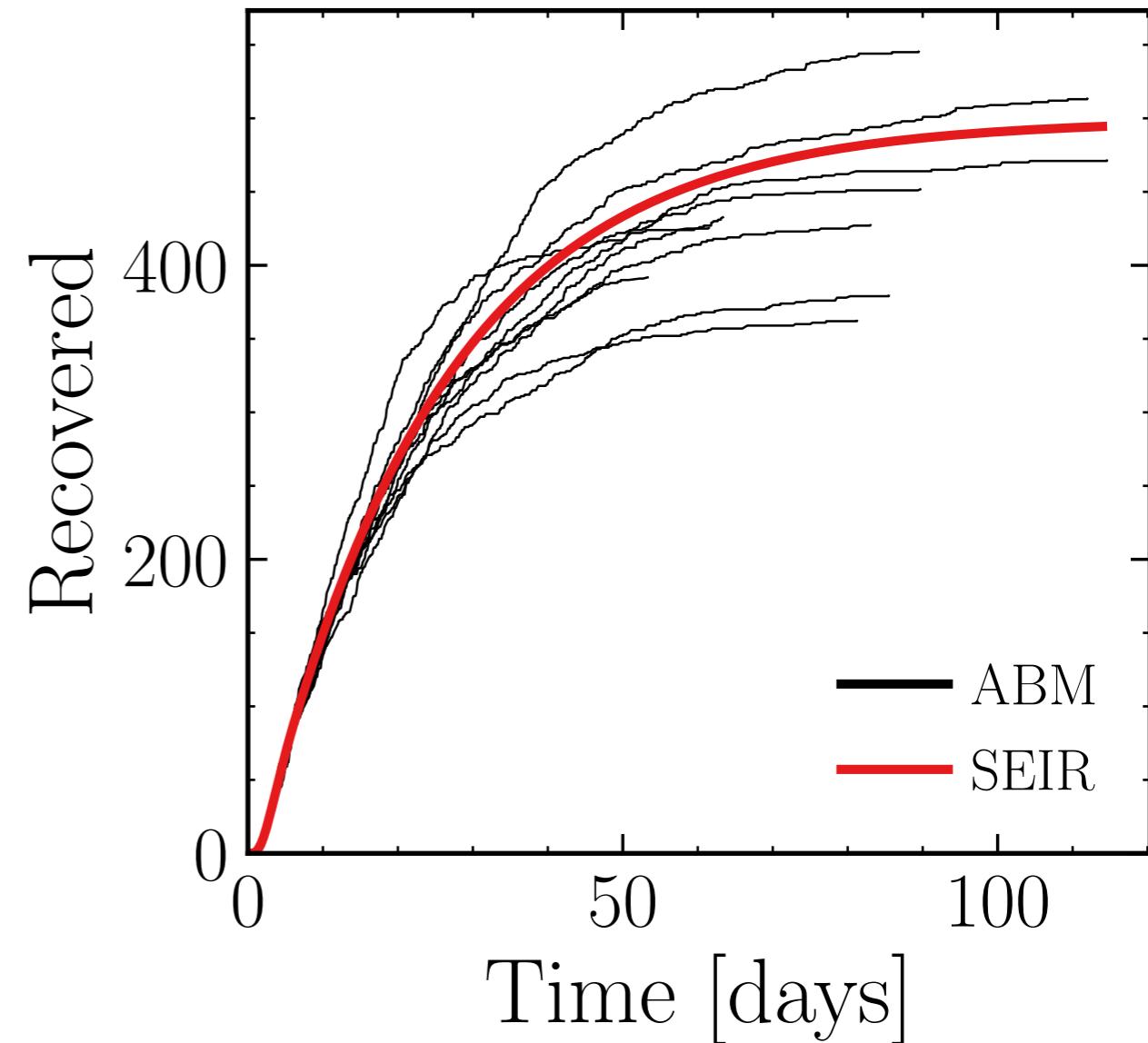
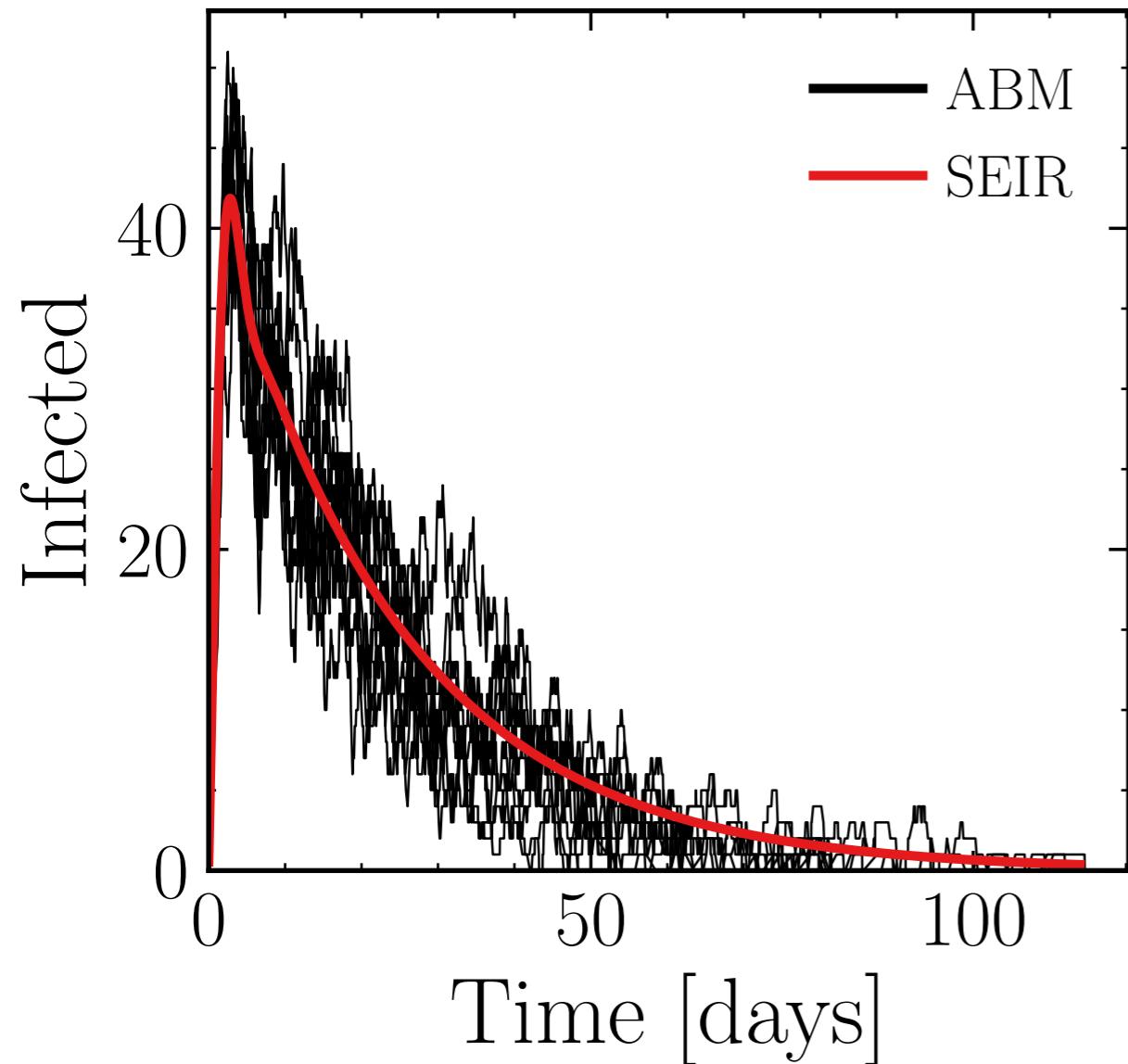
$\lambda_E = 1.0$, $\lambda_I = 2.0$, rand.inf. = True, $N_{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

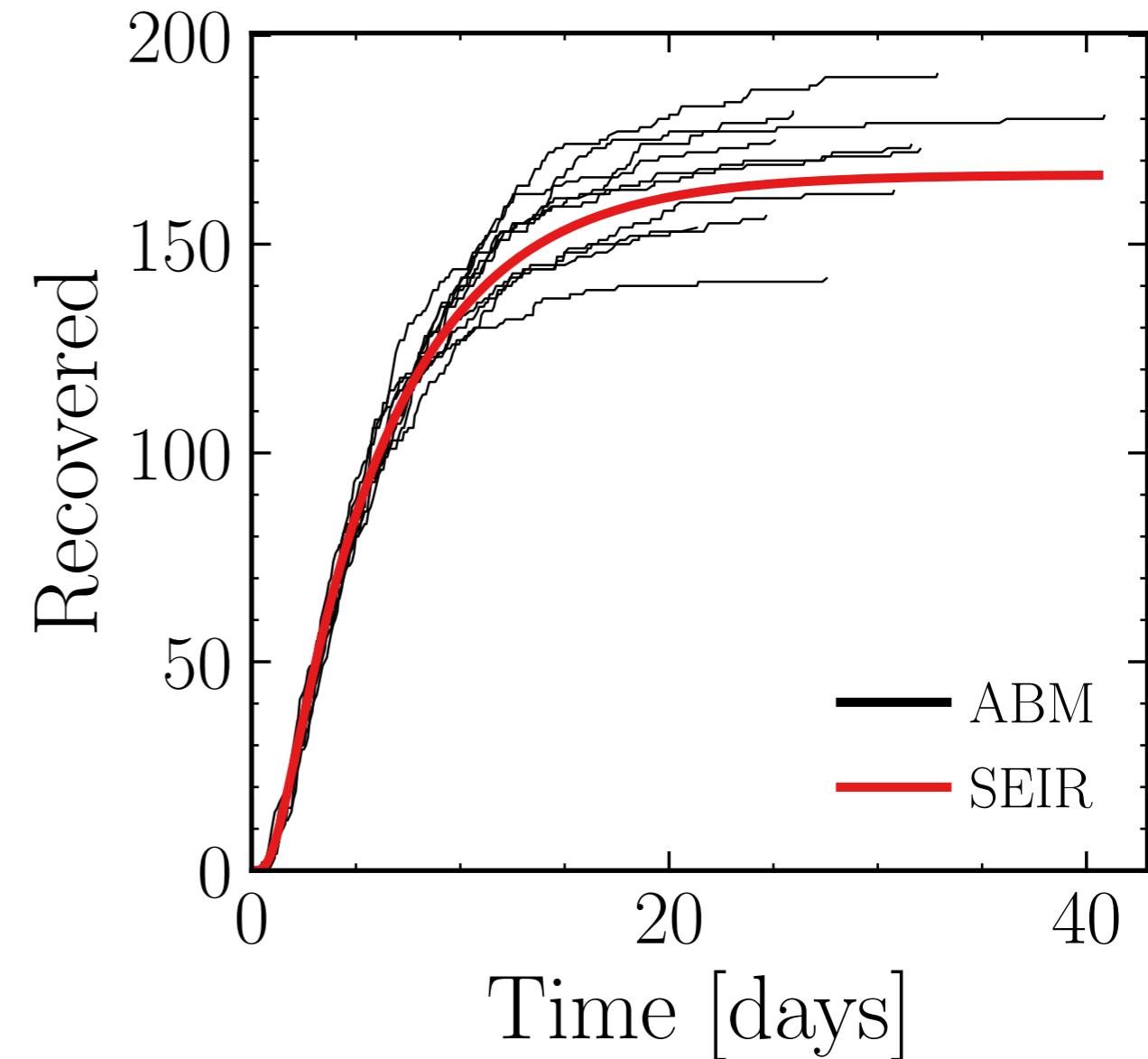
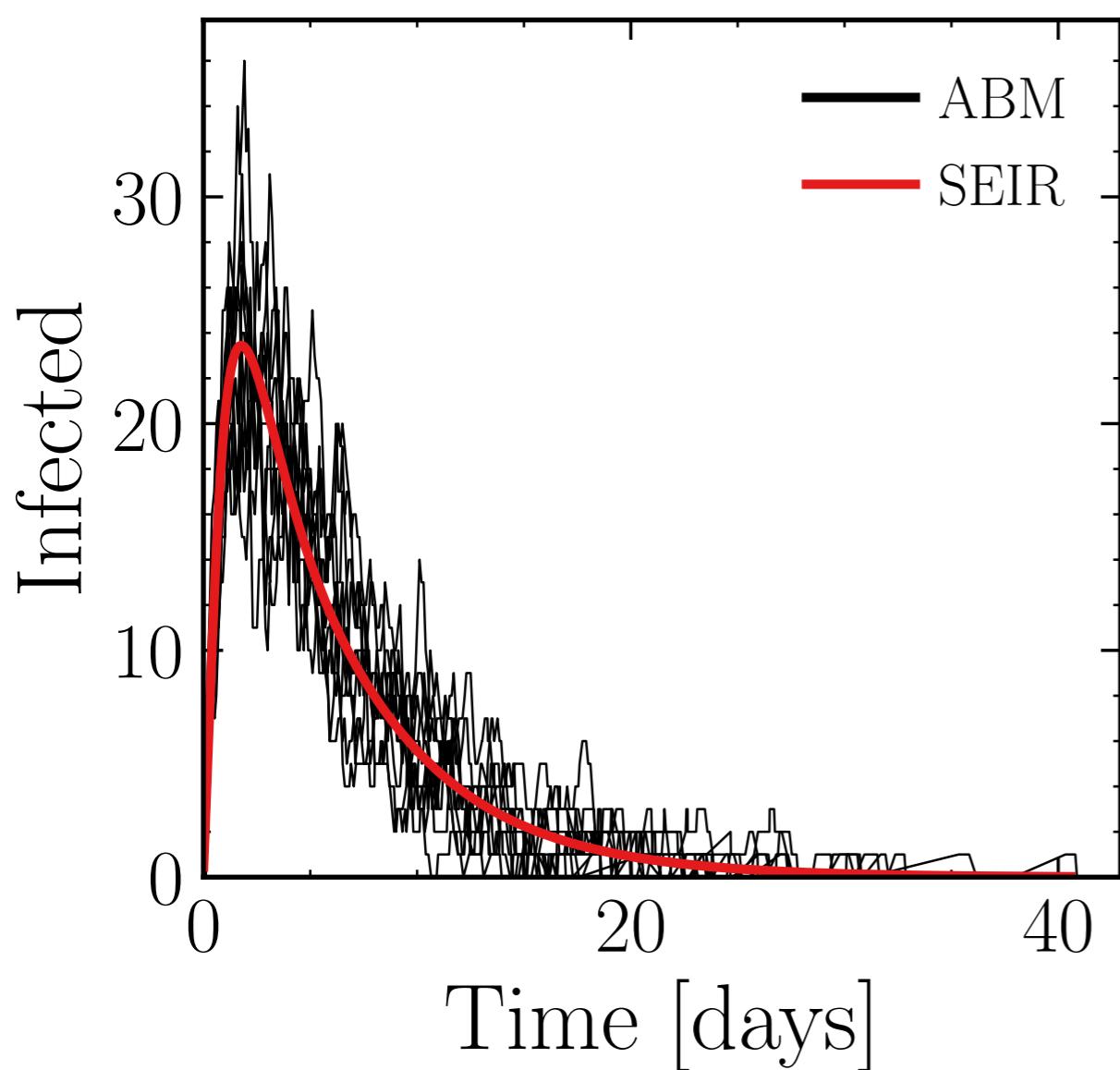
$I_{\text{max}}^{\text{ABM}} = (47.3 \pm 1.4\%)$.

v. = 1.0, hash = 0b8e0580de, #10

$R_{\infty}^{\text{ABM}} = (440 \pm 3.9\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 4.0$, rand.inf. = True, $N_{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (28 \pm 4.2\%)$. v. = 1.0, hash = eae1e7bb47, #10
 $R_\infty^{\text{ABM}} = (169 \pm 2.6\%)$.



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

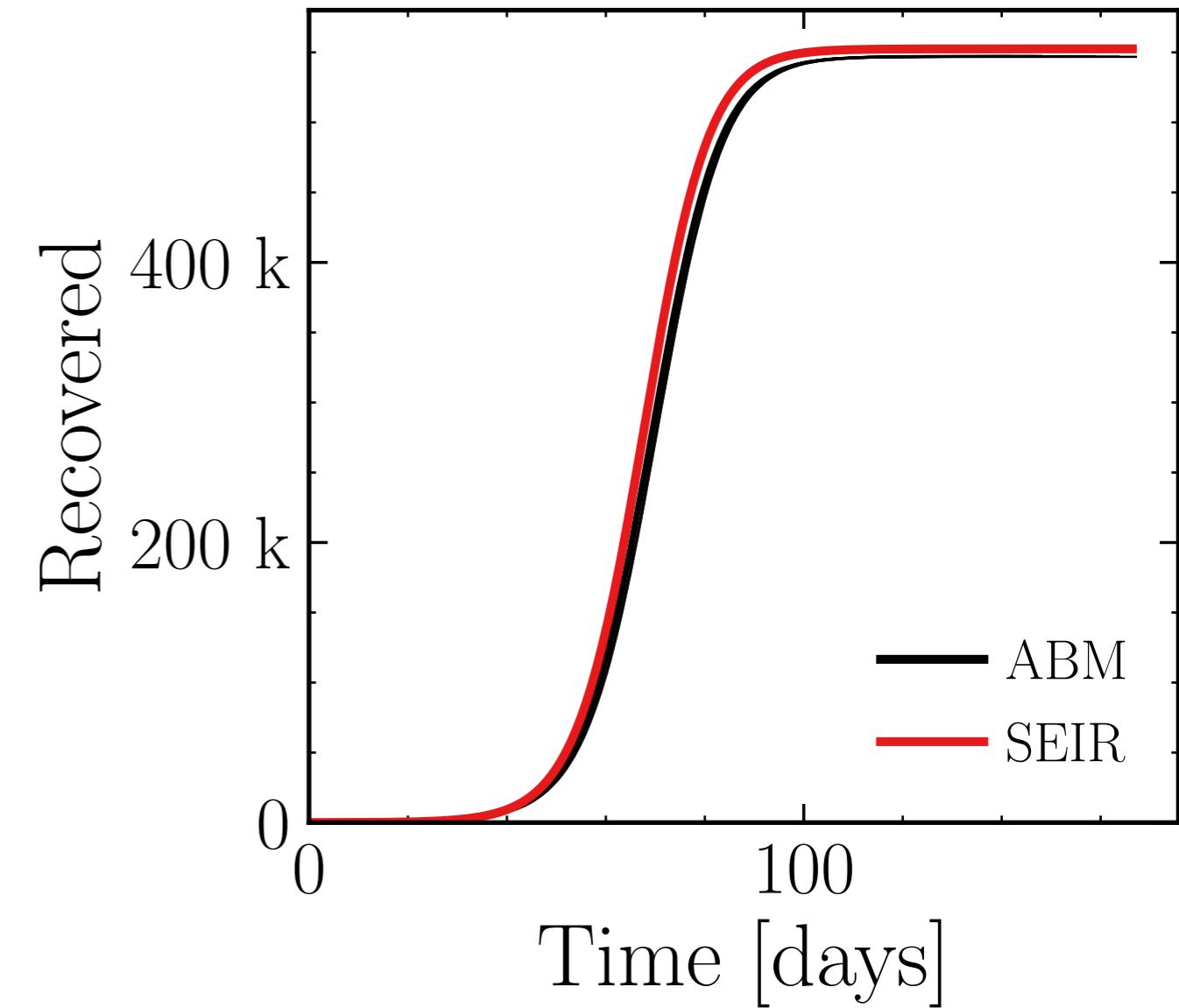
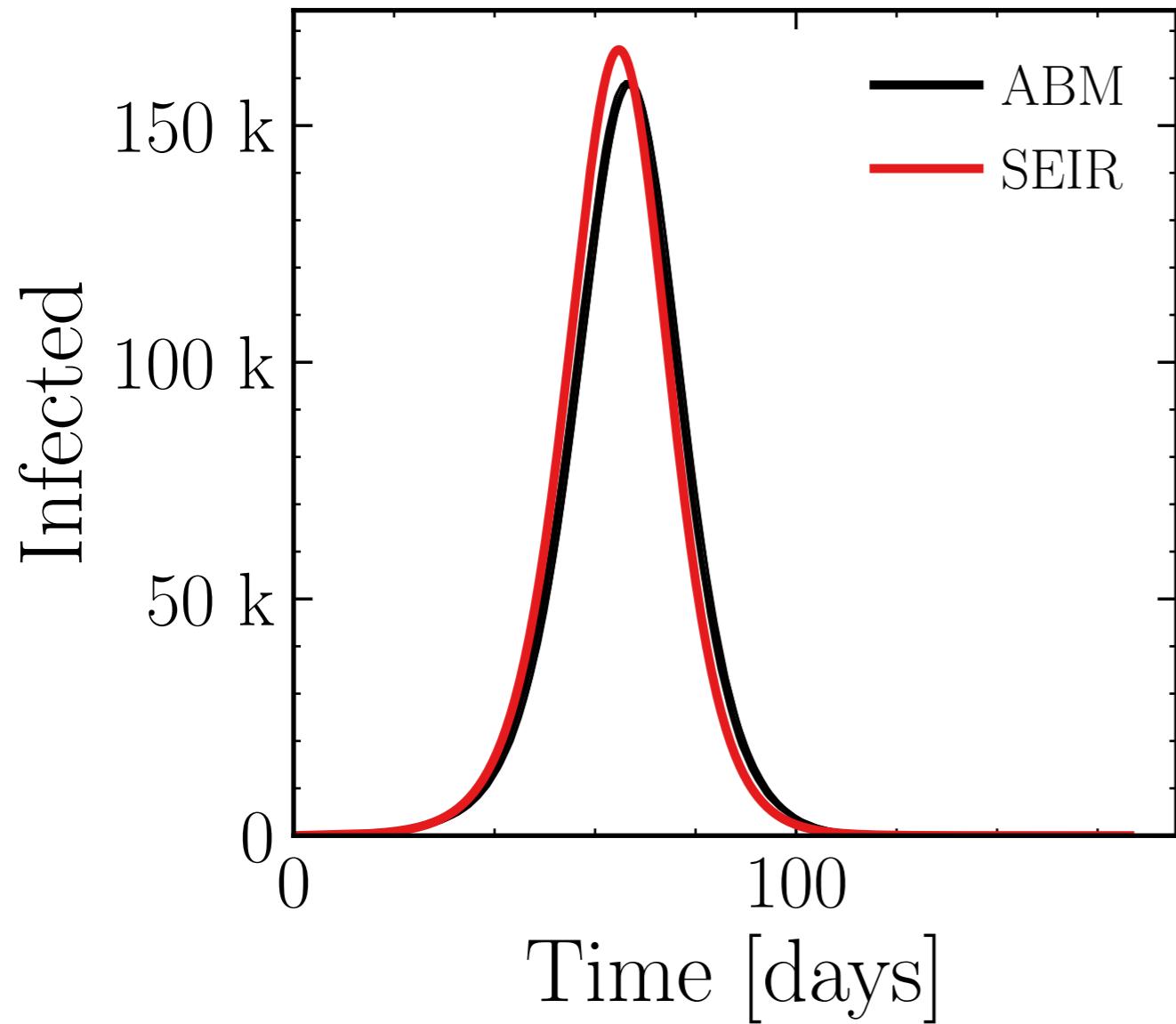
$\lambda_E = 1.0$, $\lambda_I = 0.5$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (159.01 \pm 0.051\%) \cdot 10^3$

v. = 1.0, hash = 2df5596ef6, #10

$R_\infty^{\text{ABM}} = (547.15 \pm 0.011\%) \cdot 10^3$



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

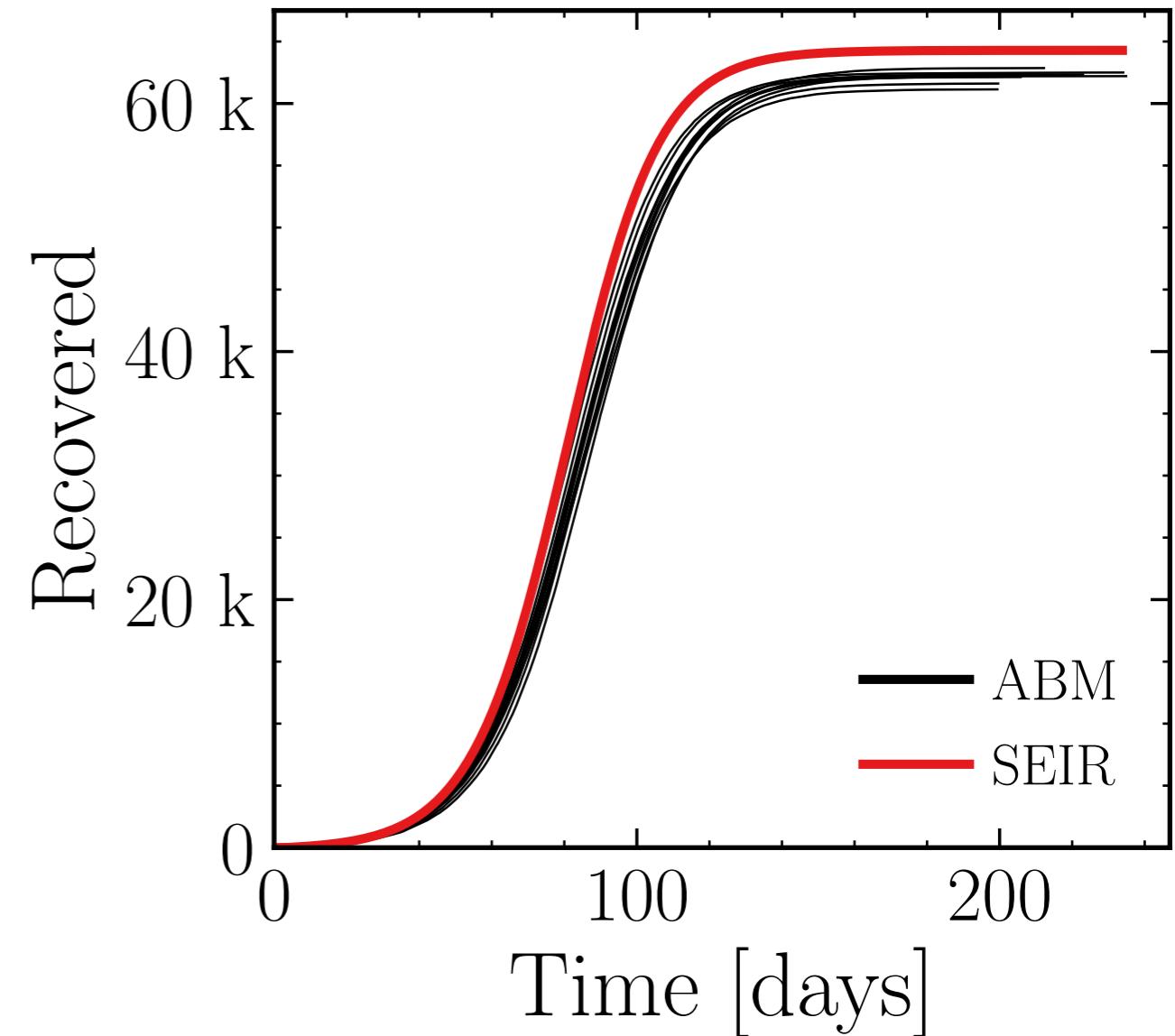
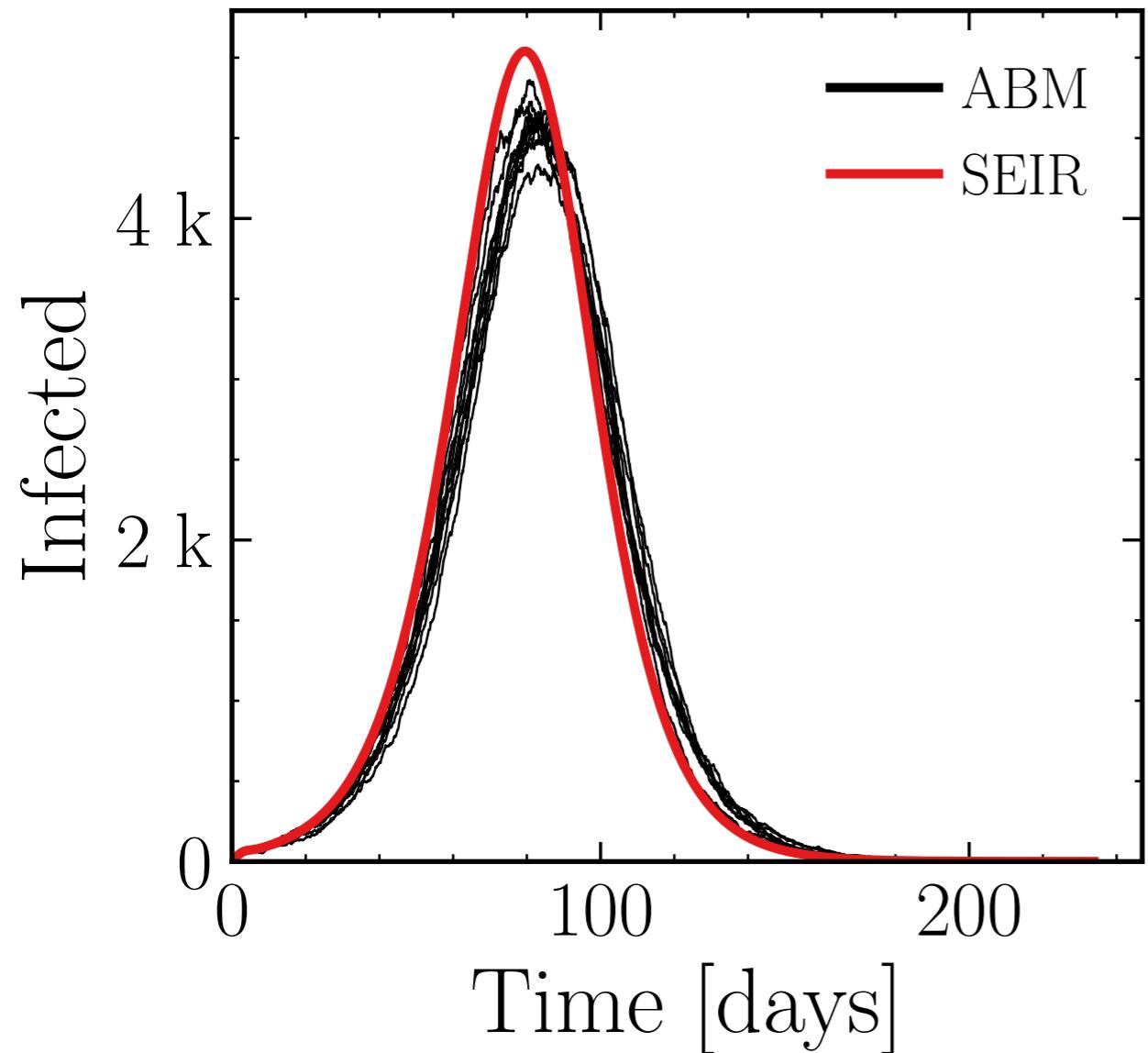
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

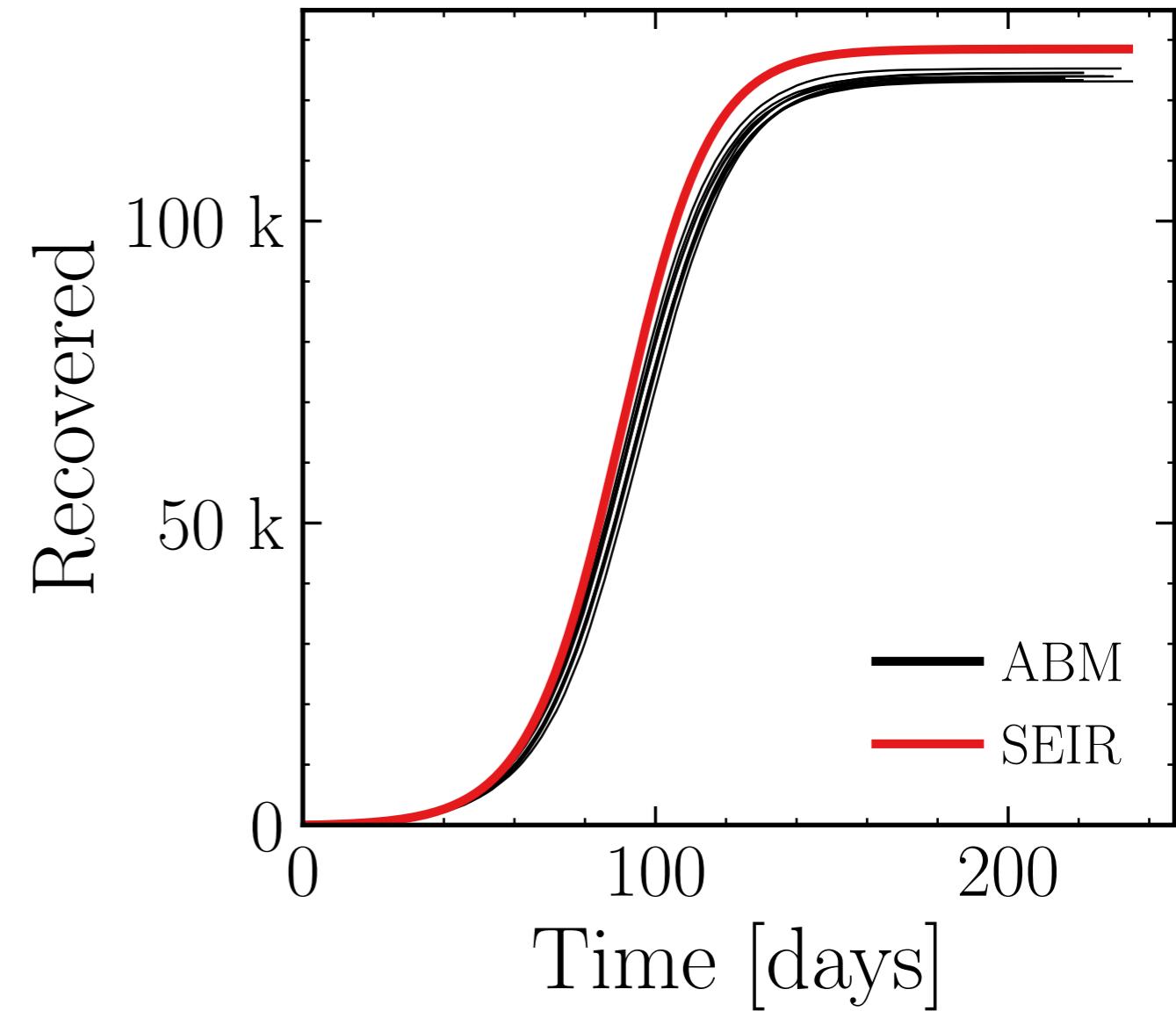
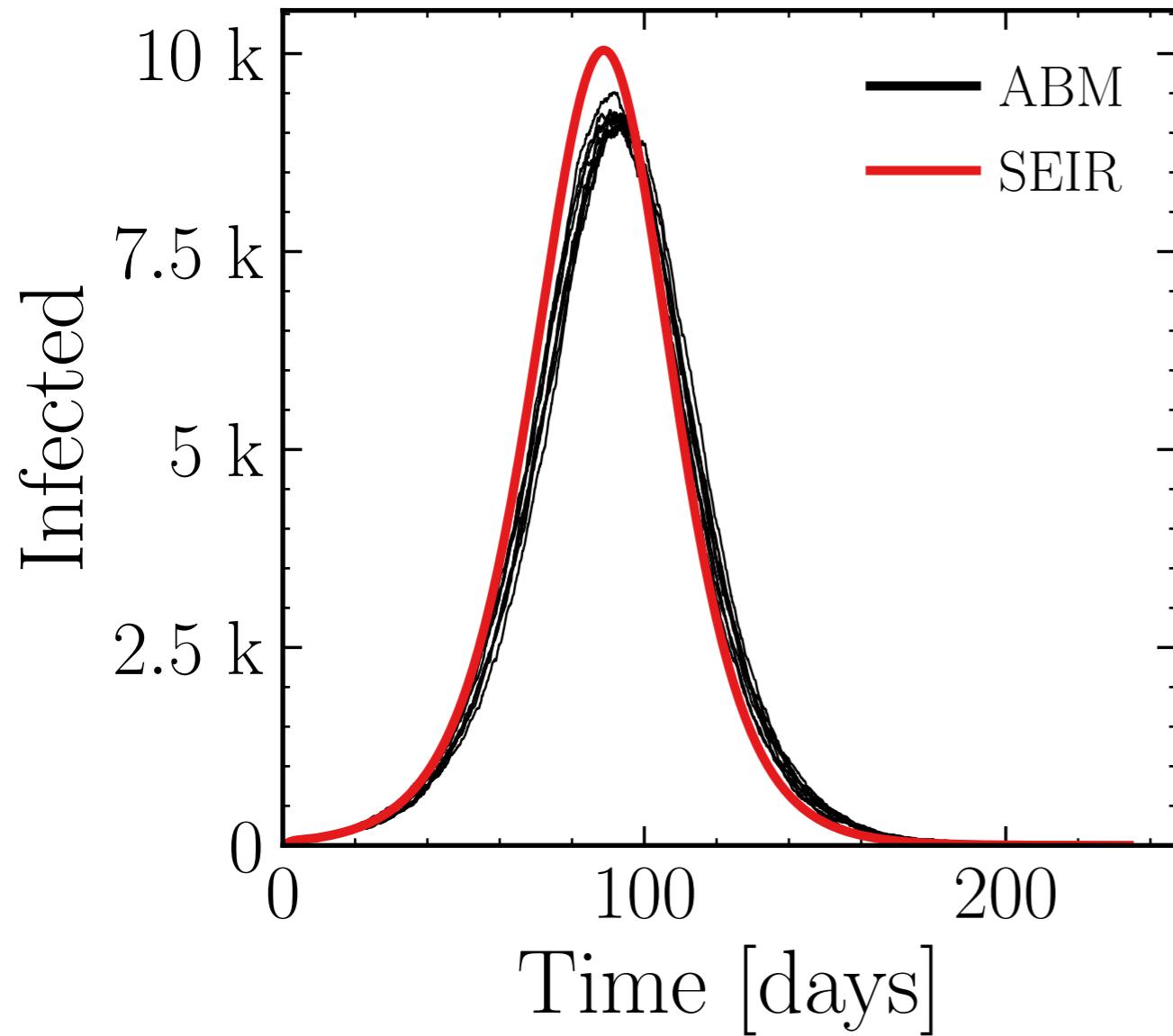
$I_{\text{max}}^{\text{ABM}} = (4.63 \pm 0.89\%) \cdot 10^3$

v. = 1.0, hash = 177ebaedd, #10

$R_{\infty}^{\text{ABM}} = (62.2 \pm 0.23\%) \cdot 10^3$



$N_{\text{tot}} = 200K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{max}}^{\text{ABM}} = (9.23 \pm 0.39\%) \cdot 10^3$ v. = 1.0, hash = 273707e189, #10
 $R_\infty^{\text{ABM}} = (124 \pm 0.16\%) \cdot 10^3$



$N_{\text{tot}} = 100K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

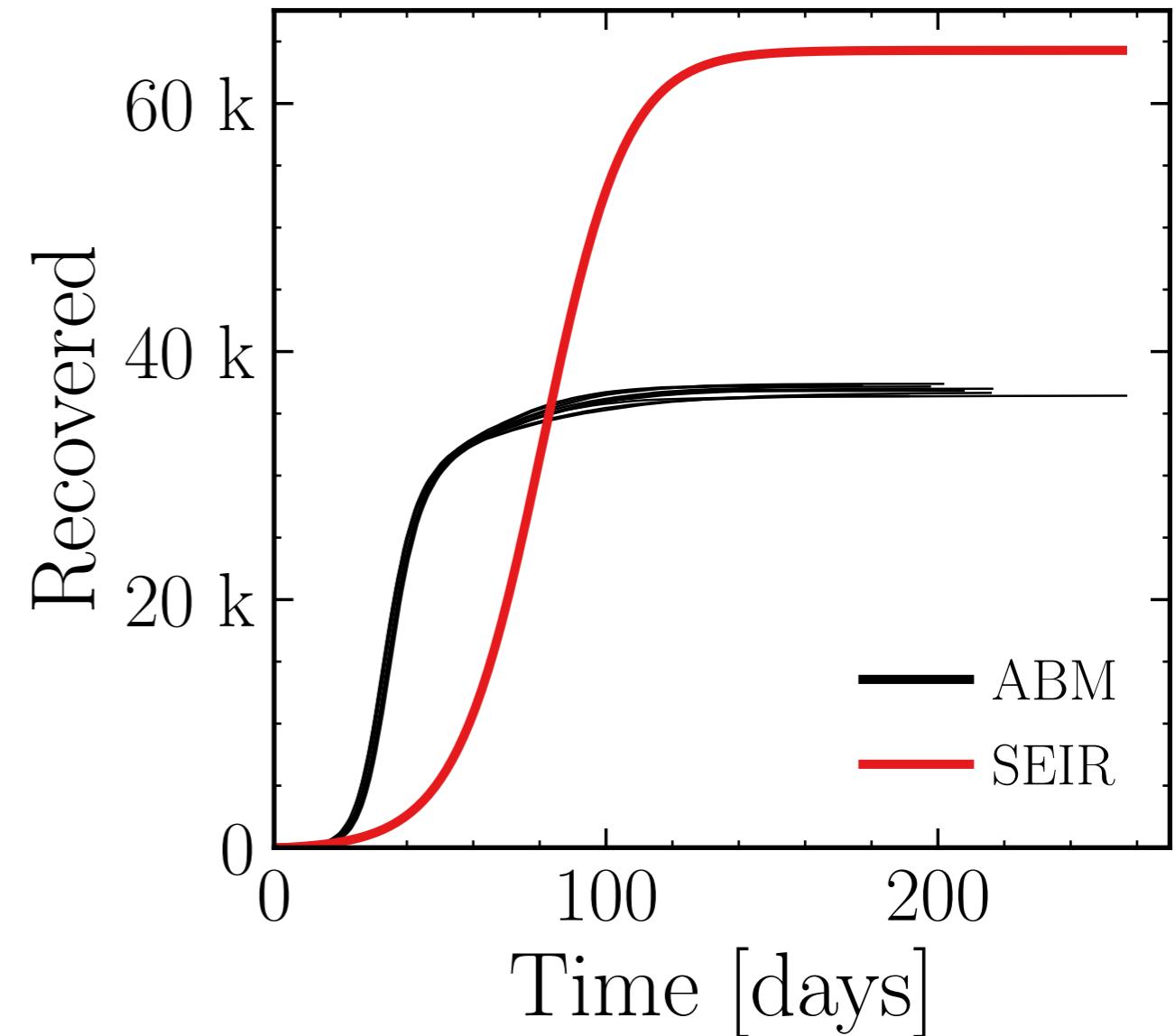
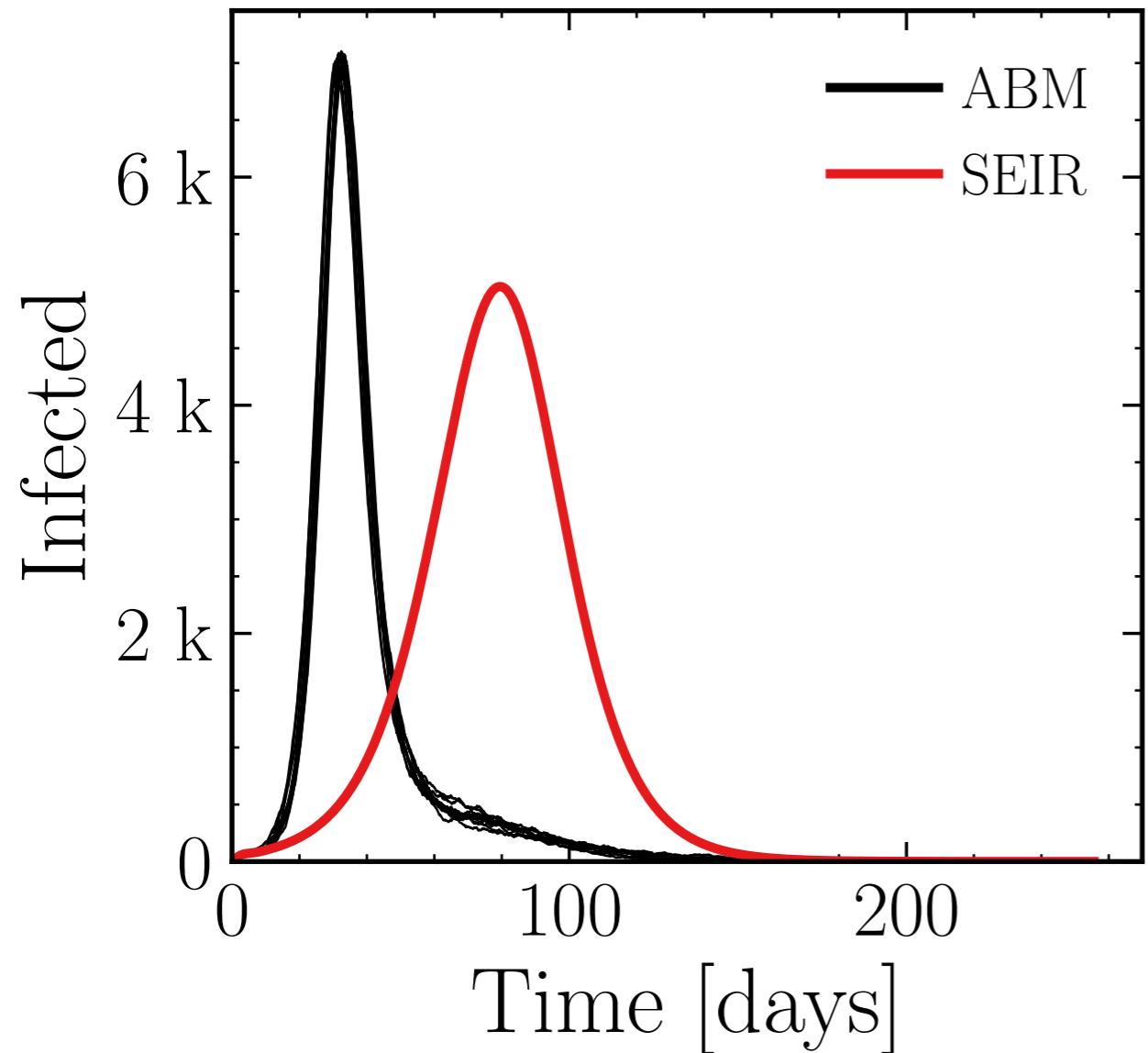
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (7.03 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = 8740f75508, #10

$R_{\infty}^{\text{ABM}} = (36.9 \pm 0.28\%) \cdot 10^3$



$N_{\text{tot}} = 500K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

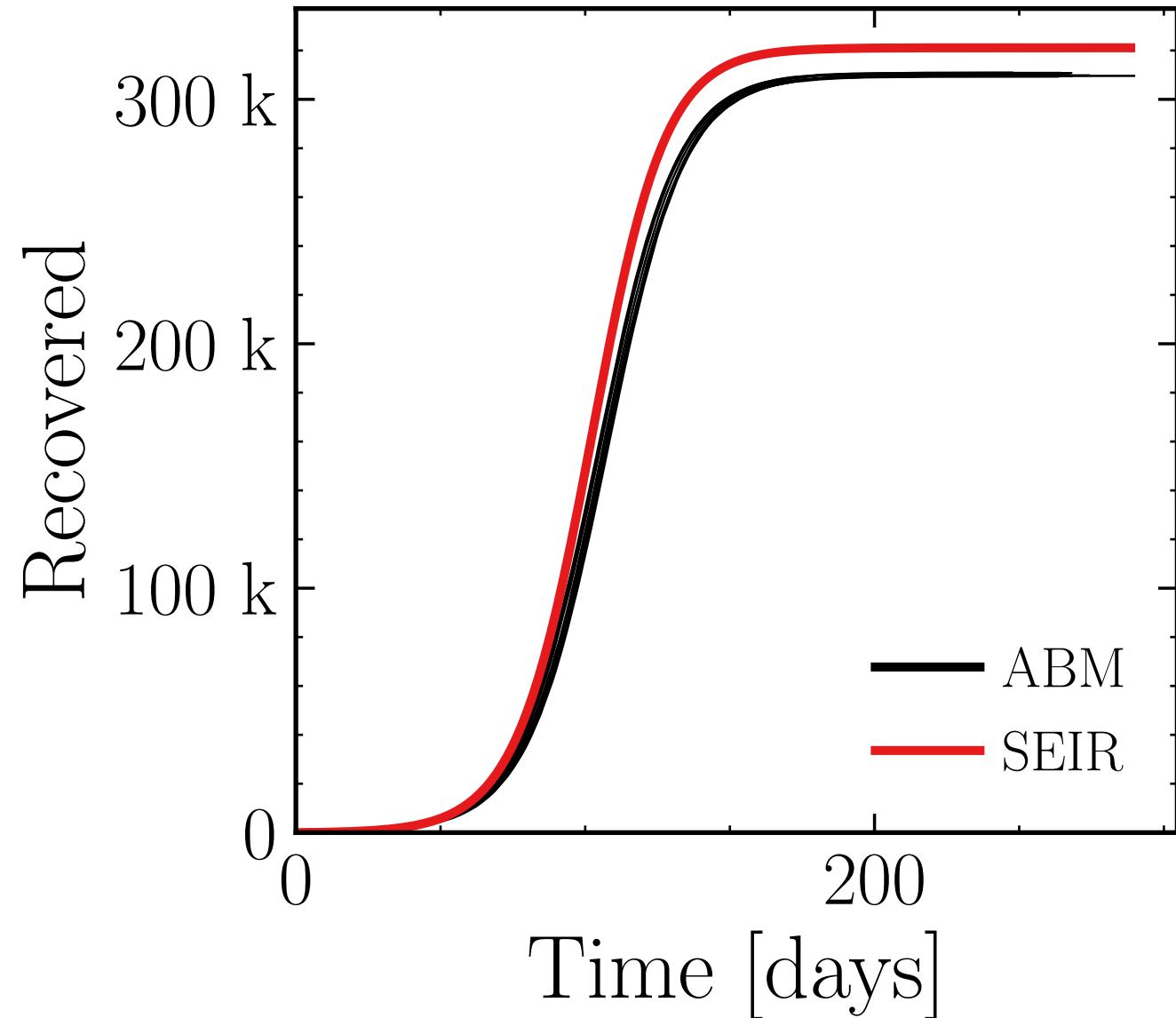
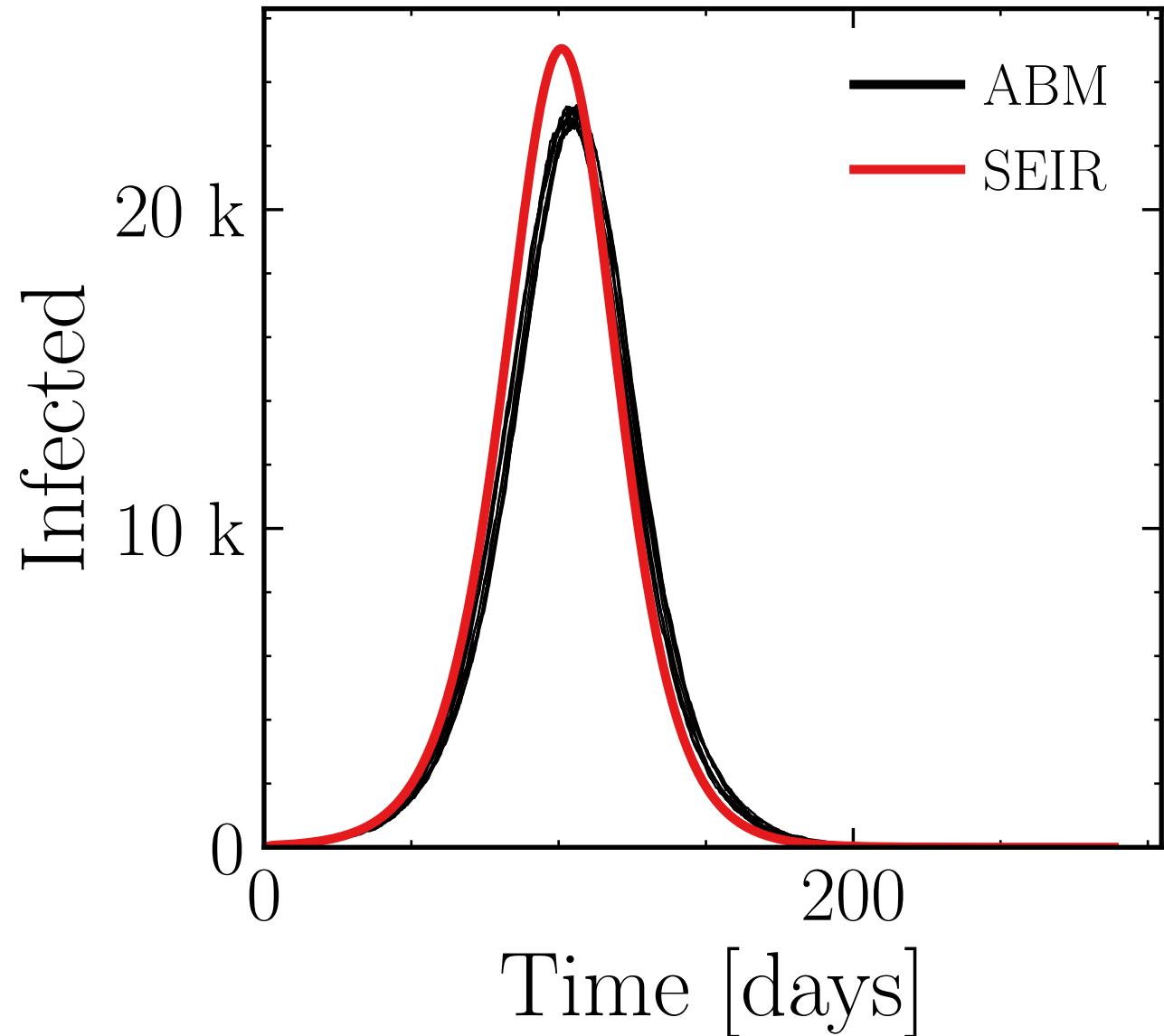
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (23.06 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = d2a3490b18, #10

$R_{\infty}^{\text{ABM}} = (310.1 \pm 0.061\%) \cdot 10^3$



$N_{\text{tot}} = 200K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

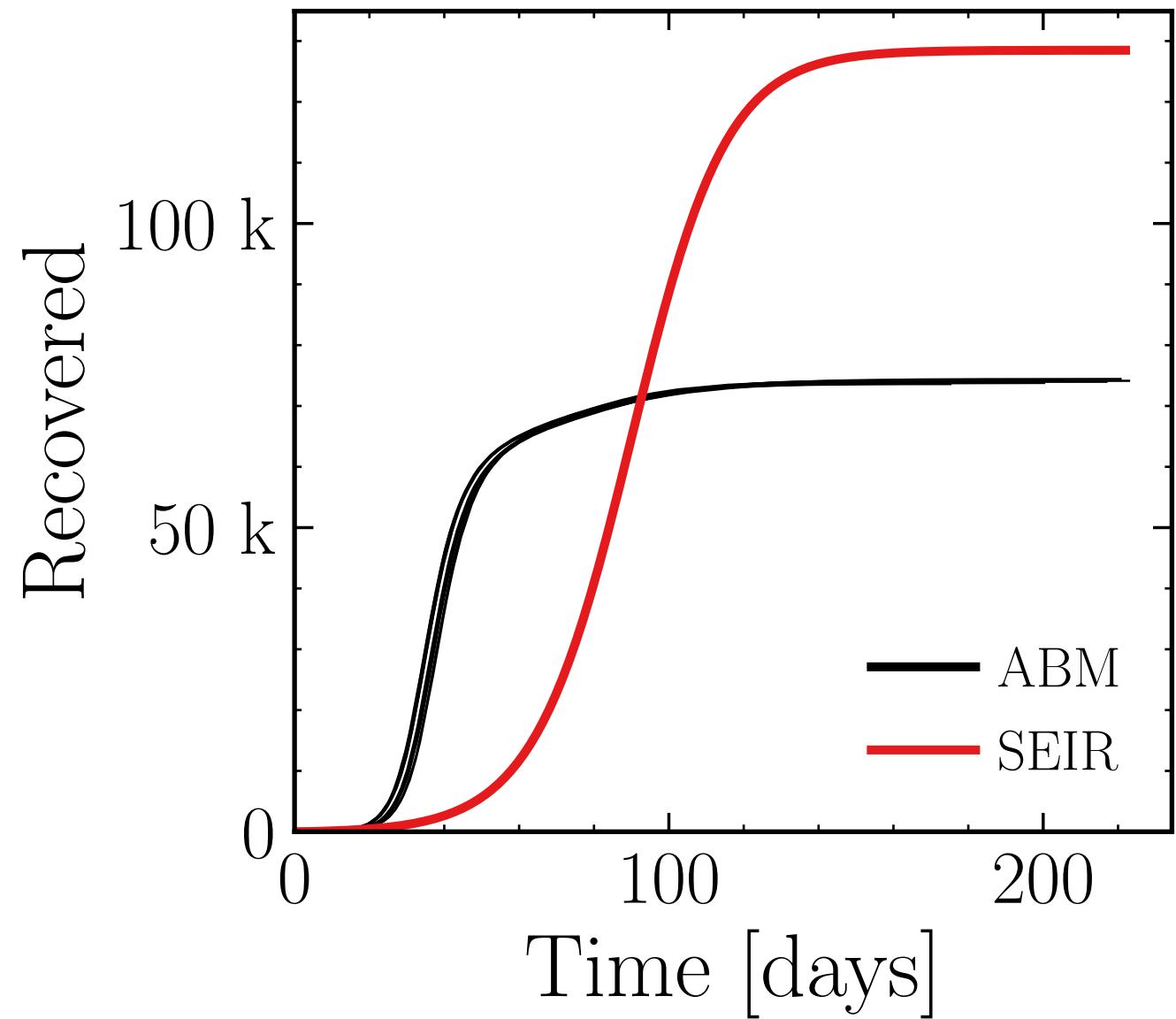
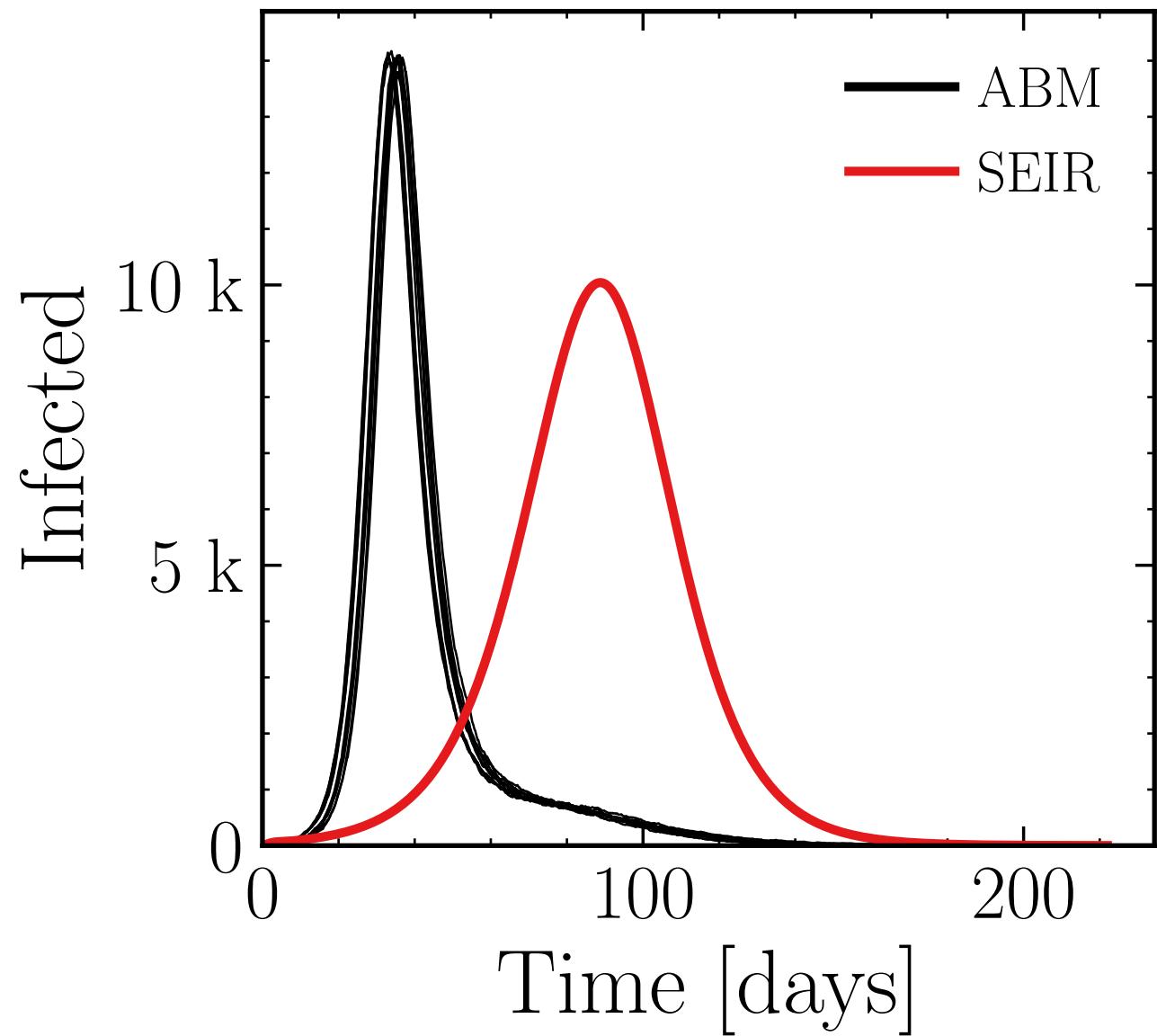
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (14.05 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 9a55b472ef, #10

$R_{\infty}^{\text{ABM}} = (74.05 \pm 0.098\%) \cdot 10^3$



$N_{\text{tot}} = 500K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

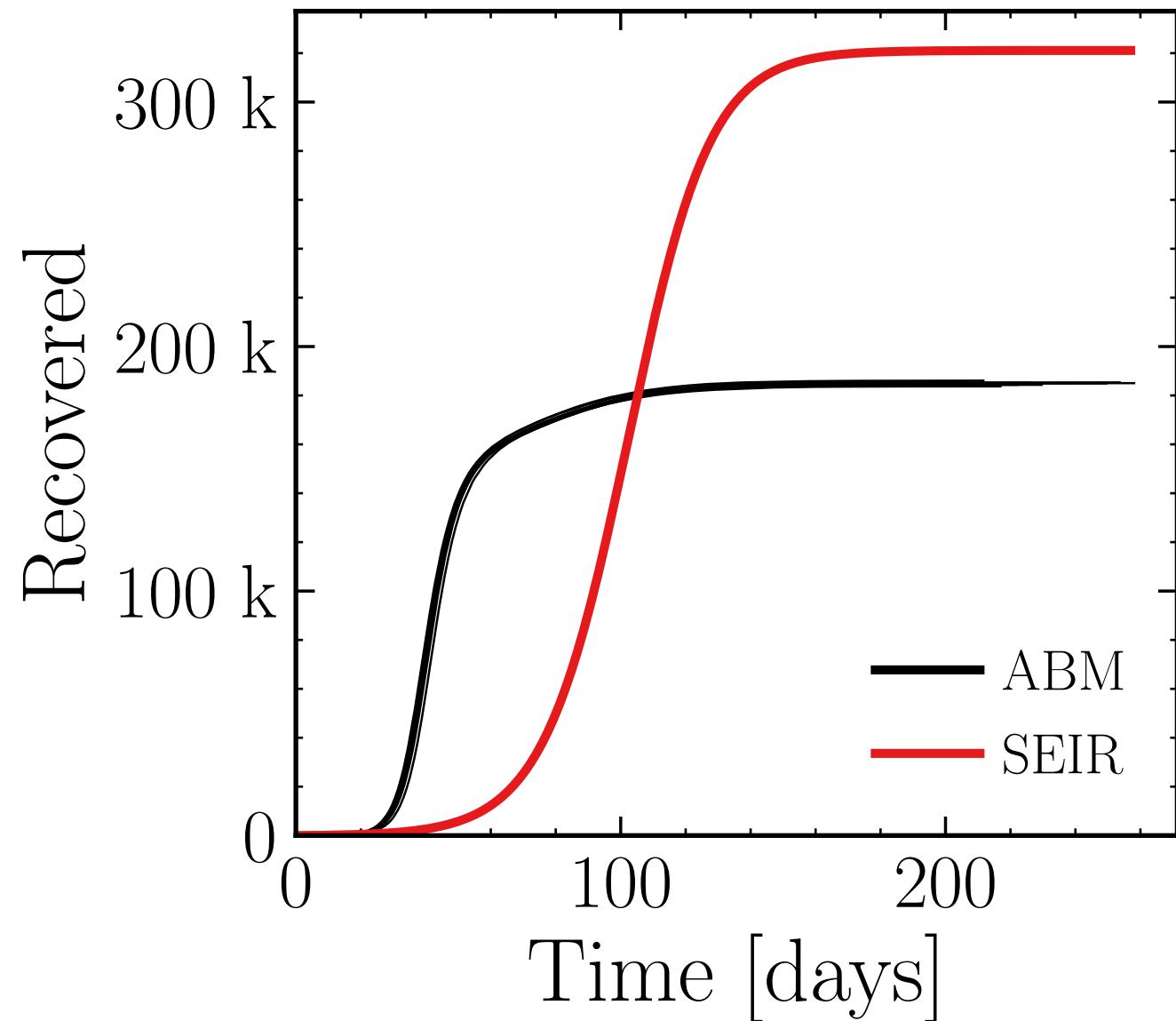
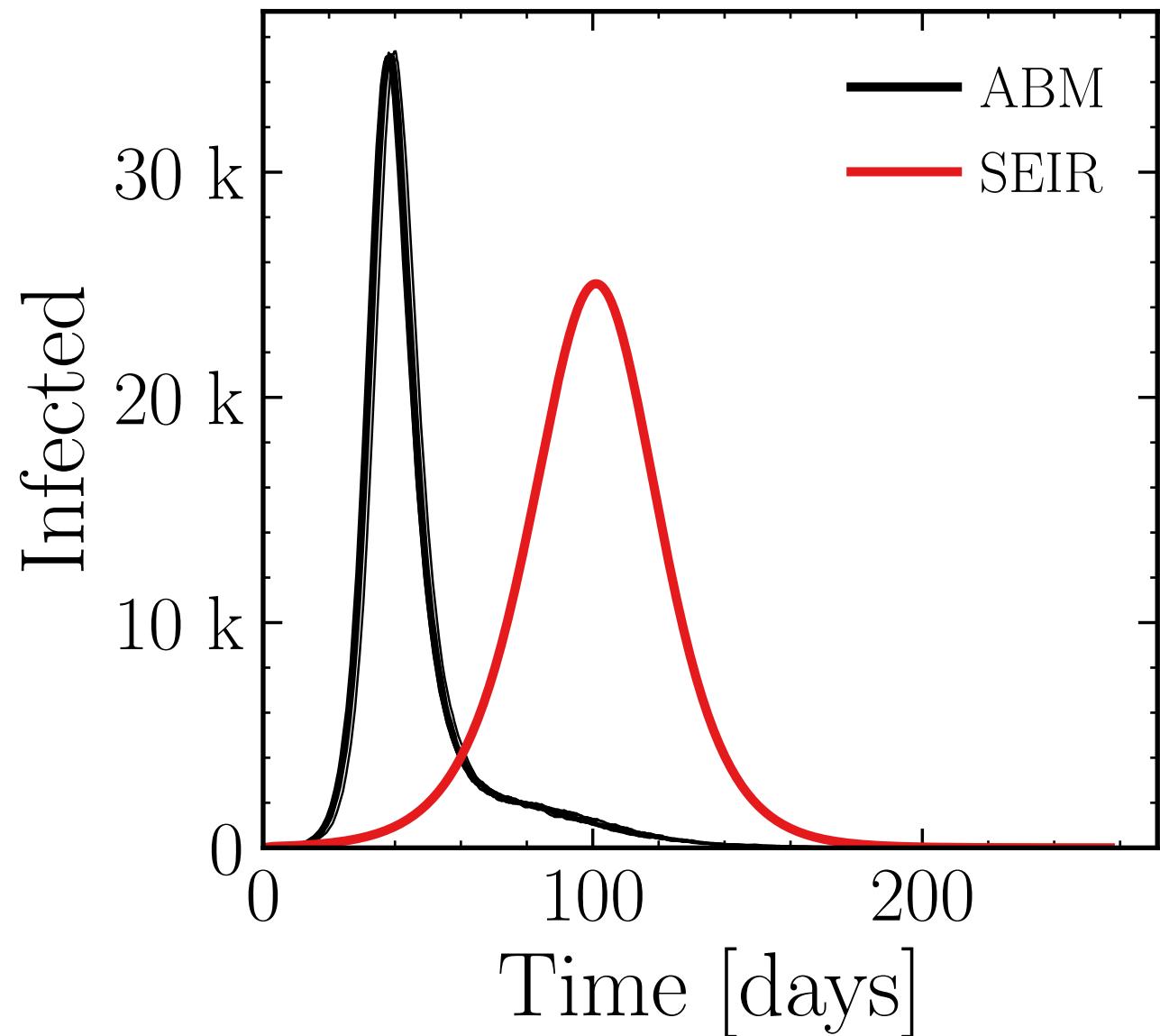
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (35.15 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 4575b9777a, #10

$R_\infty^{\text{ABM}} = (184.8 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

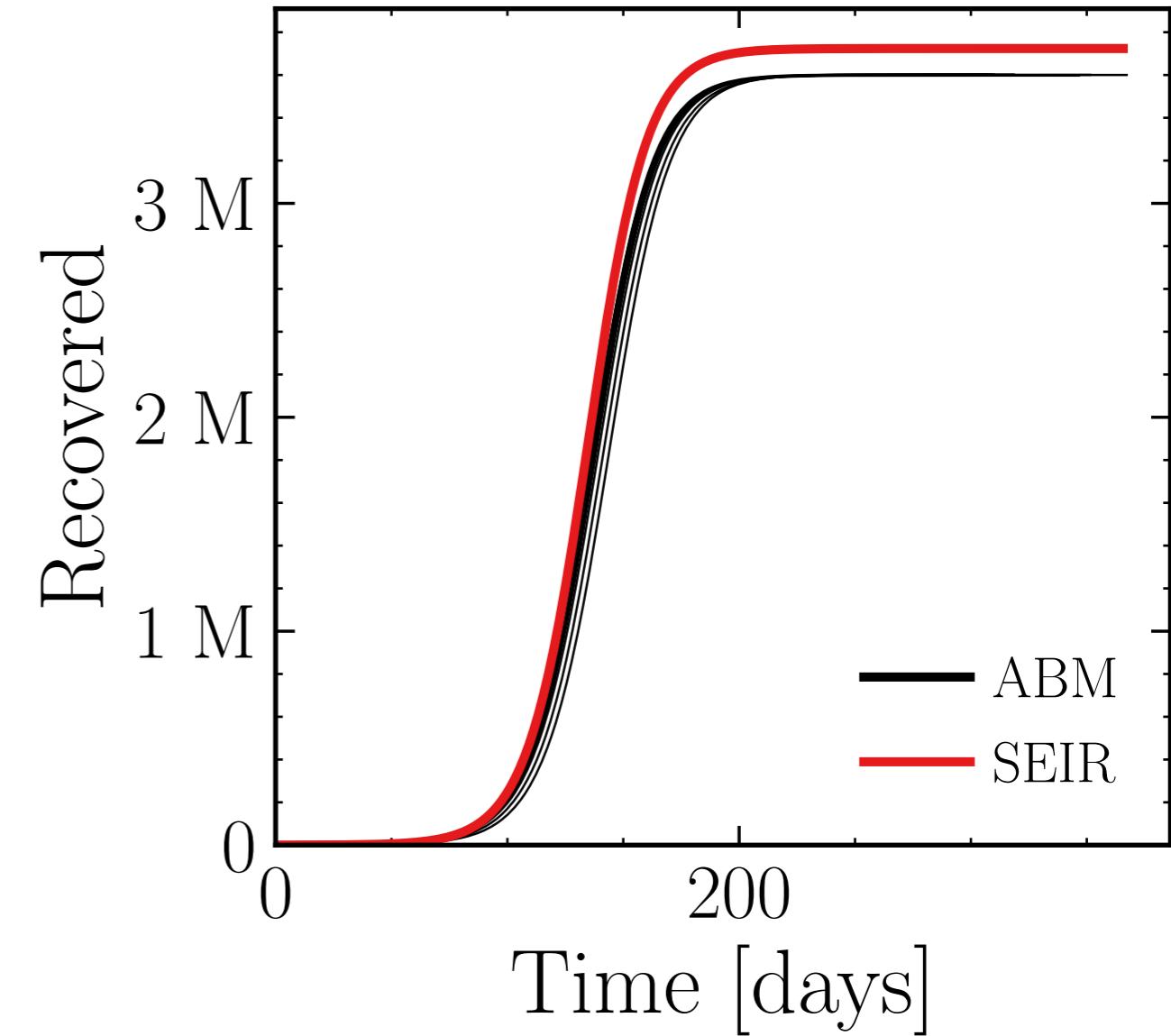
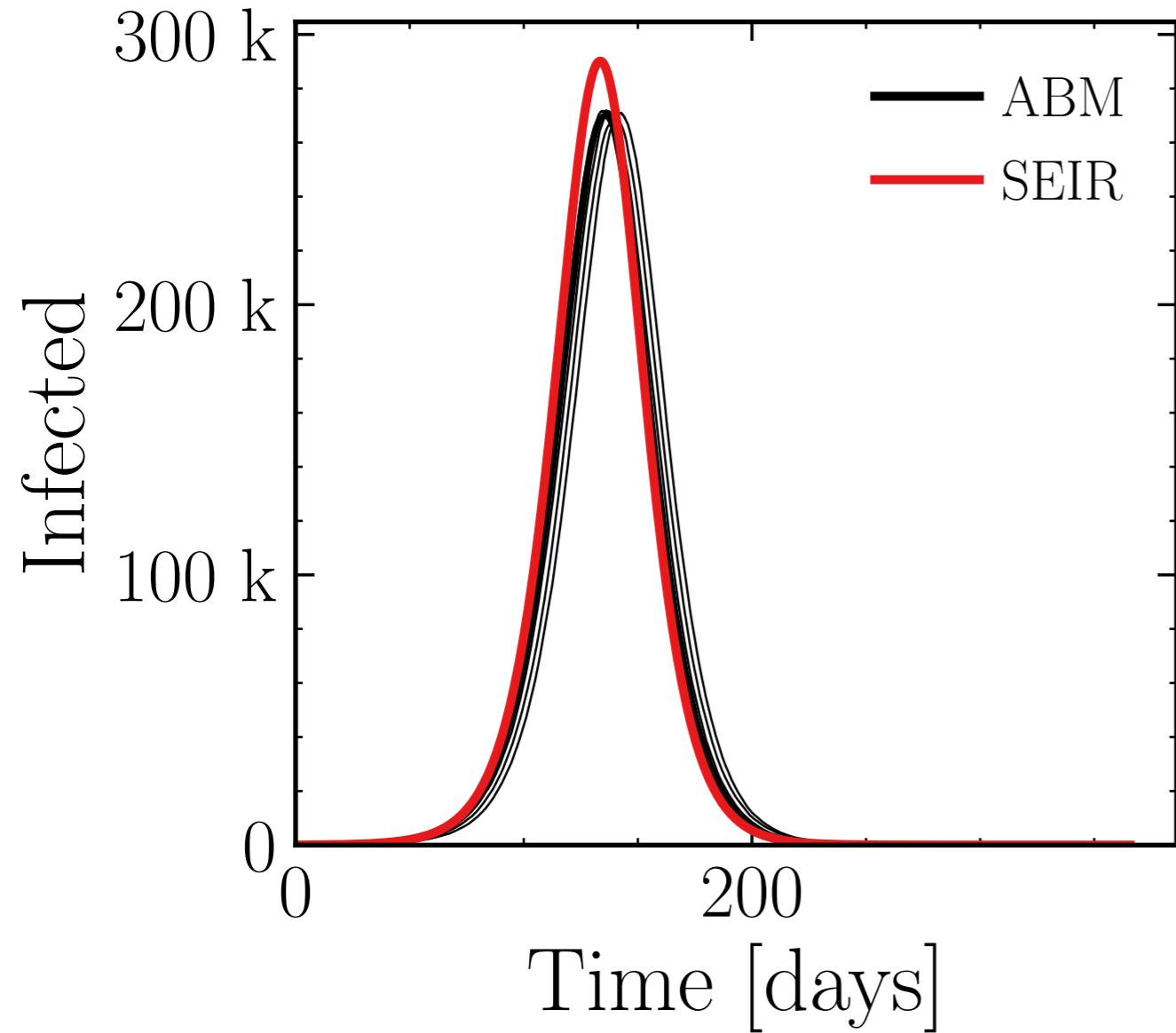
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (270.7 \pm 0.082\%) \cdot 10^3$

v. = 1.0, hash = fc4c076dd1, #10

$R_\infty^{\text{ABM}} = (3.6005 \pm 0.012\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

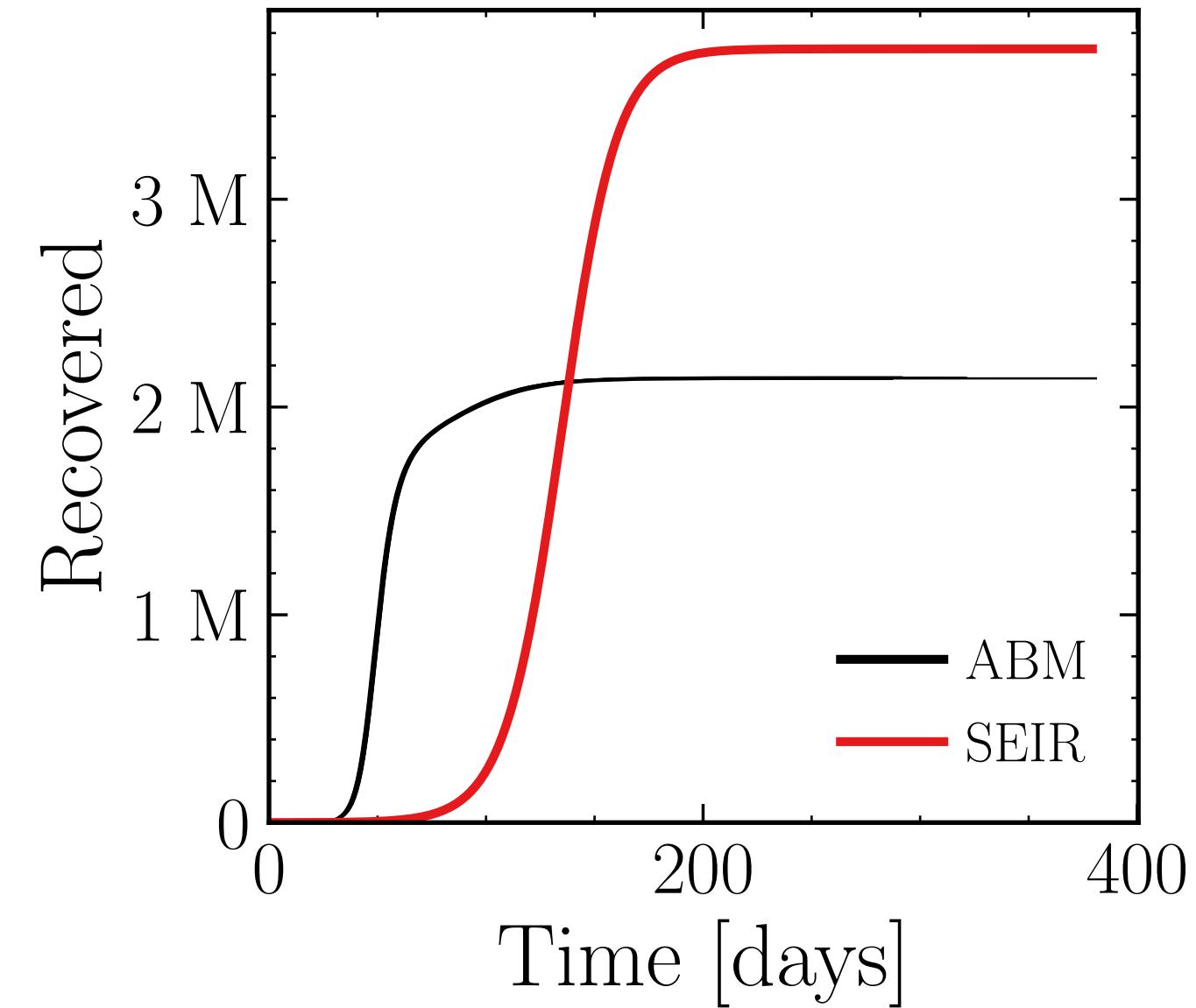
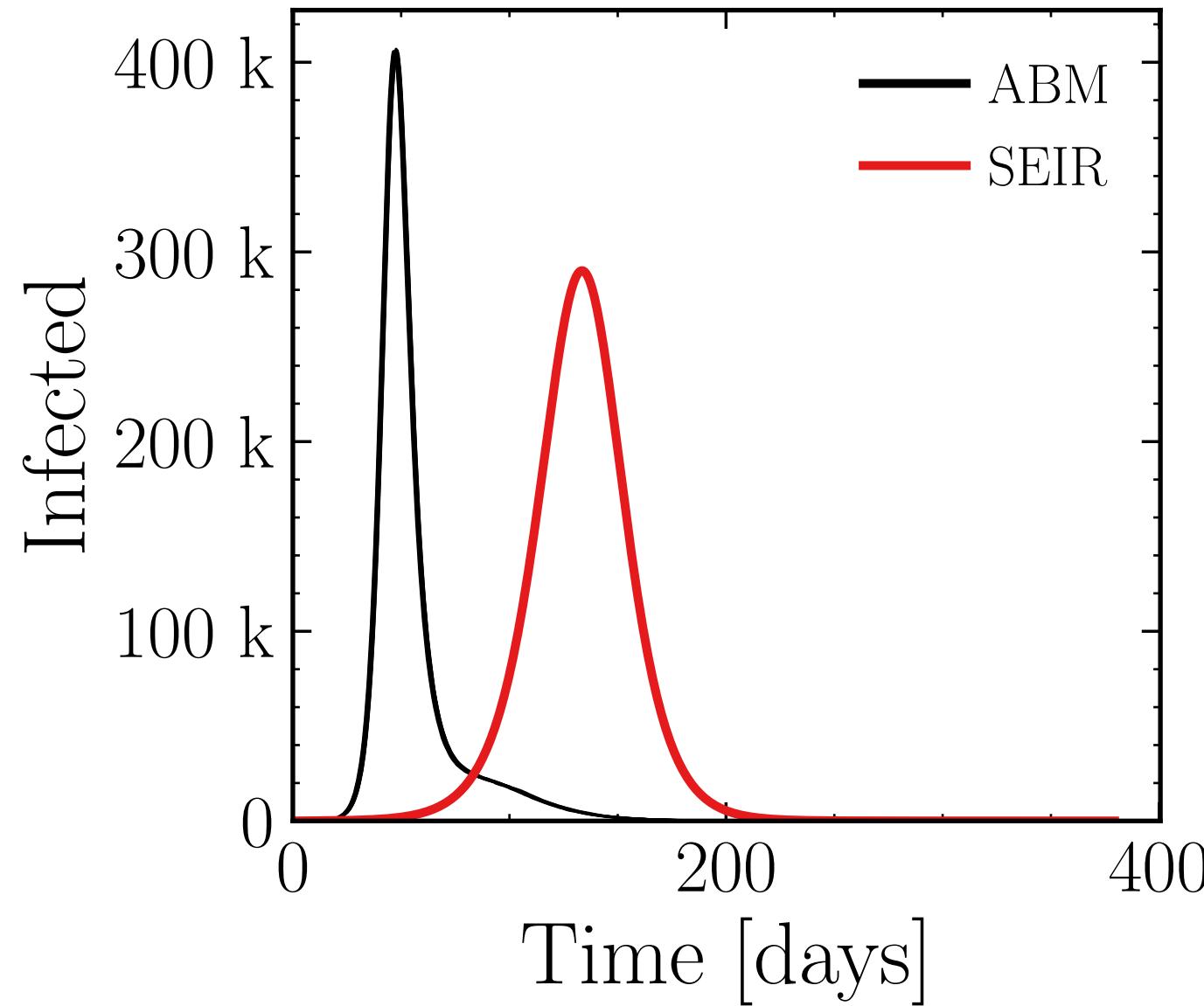
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (405.9 \pm 0.042\%) \cdot 10^3$

v. = 1.0, hash = 1e4f2b2121, #10

$R_\infty^{\text{ABM}} = (2.1398 \pm 0.029\%) \cdot 10^6$



$N_{\text{tot}} = 1M$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

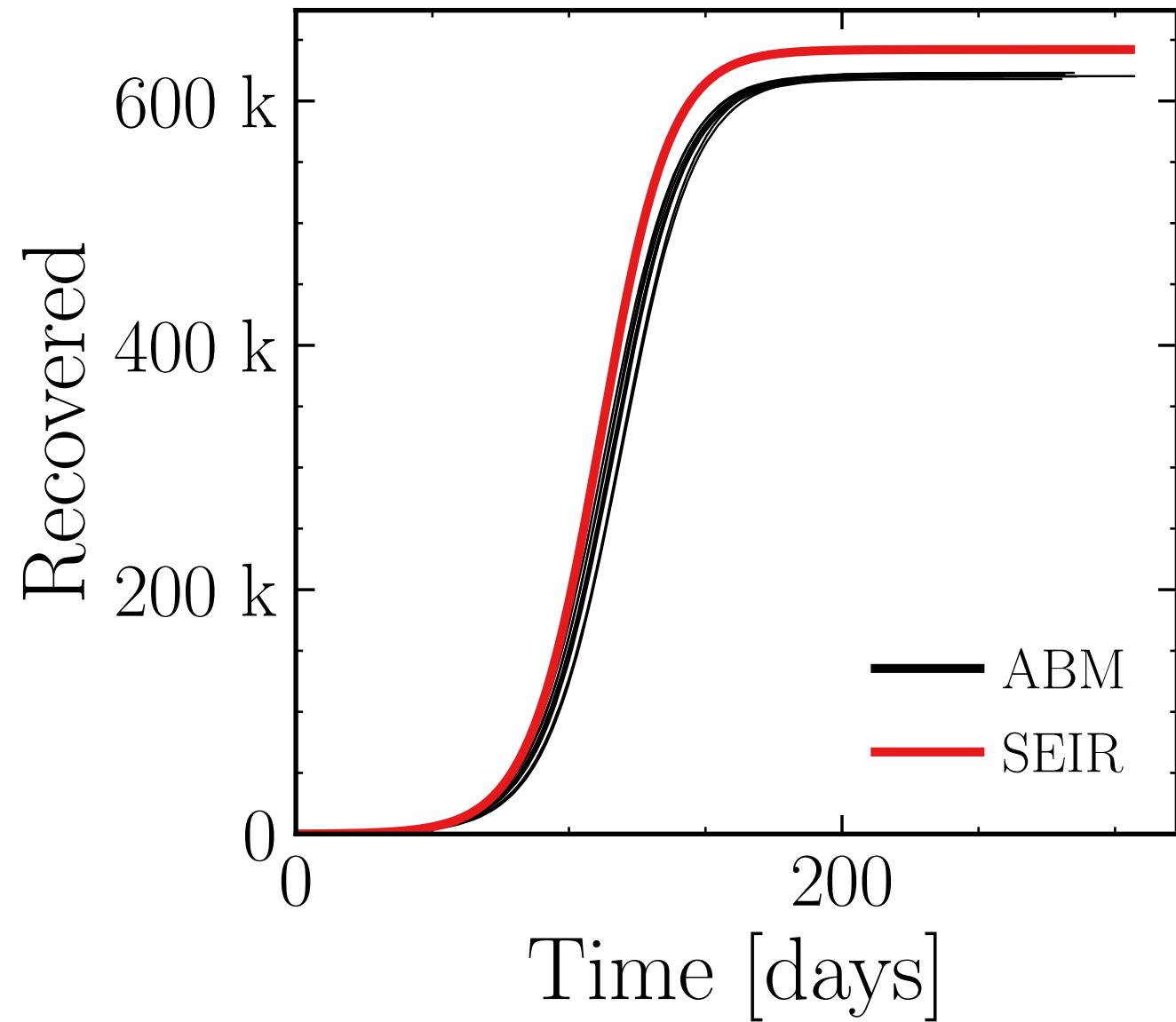
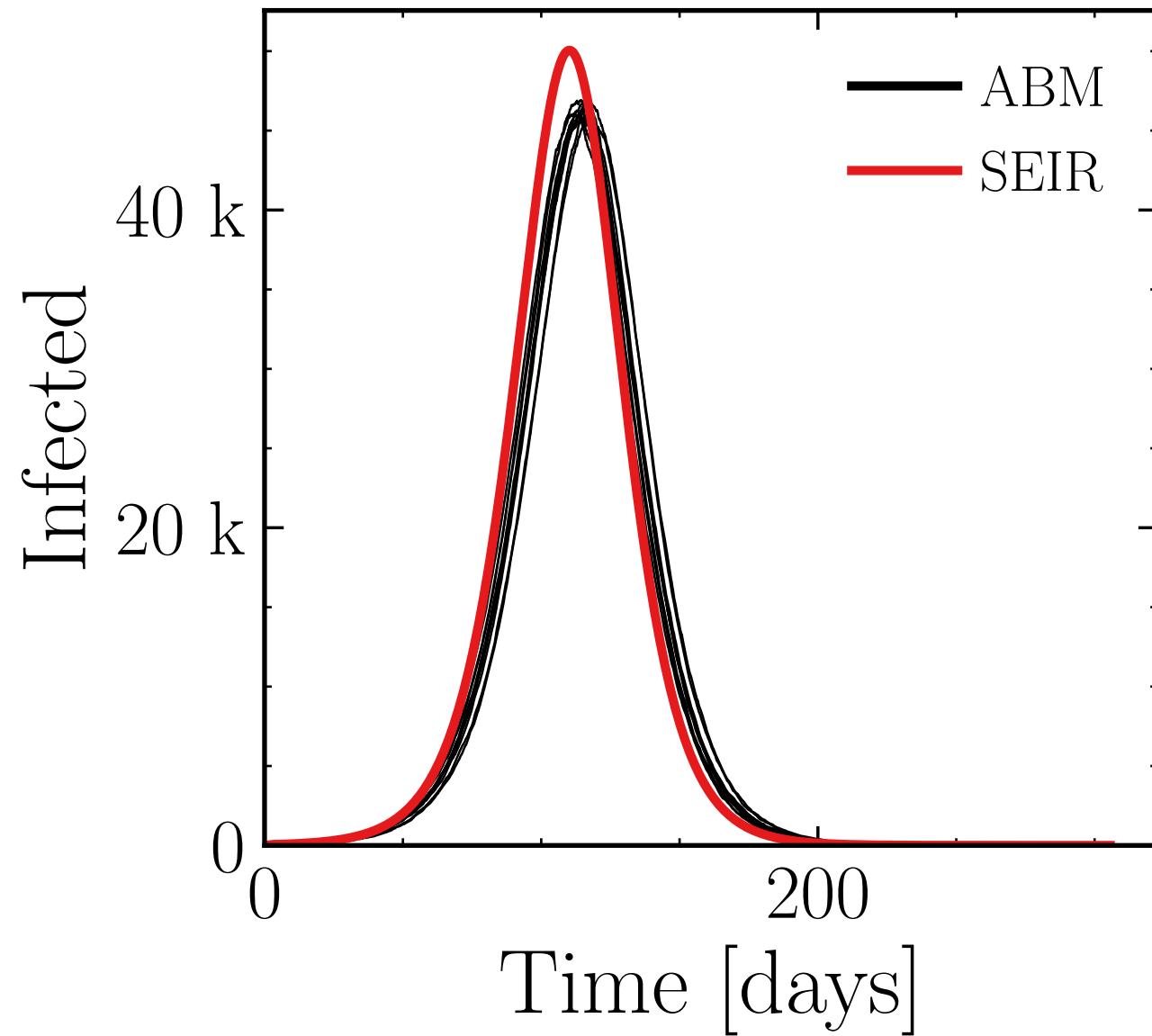
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (46.3 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 5c4a2a8ab9, #10

$R_{\infty}^{\text{ABM}} = (620.9 \pm 0.073\%) \cdot 10^3$



$N_{\text{tot}} = 1M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

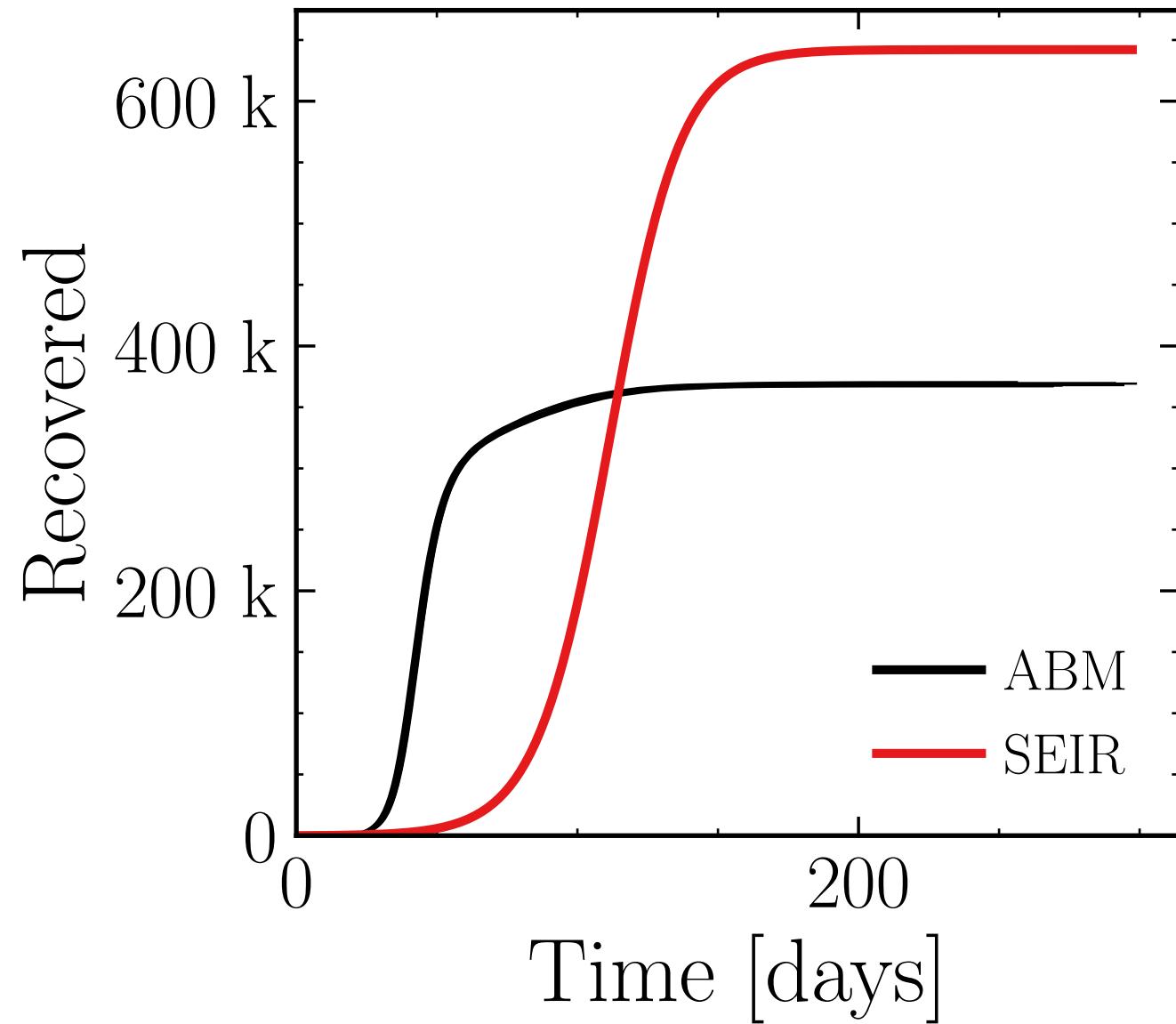
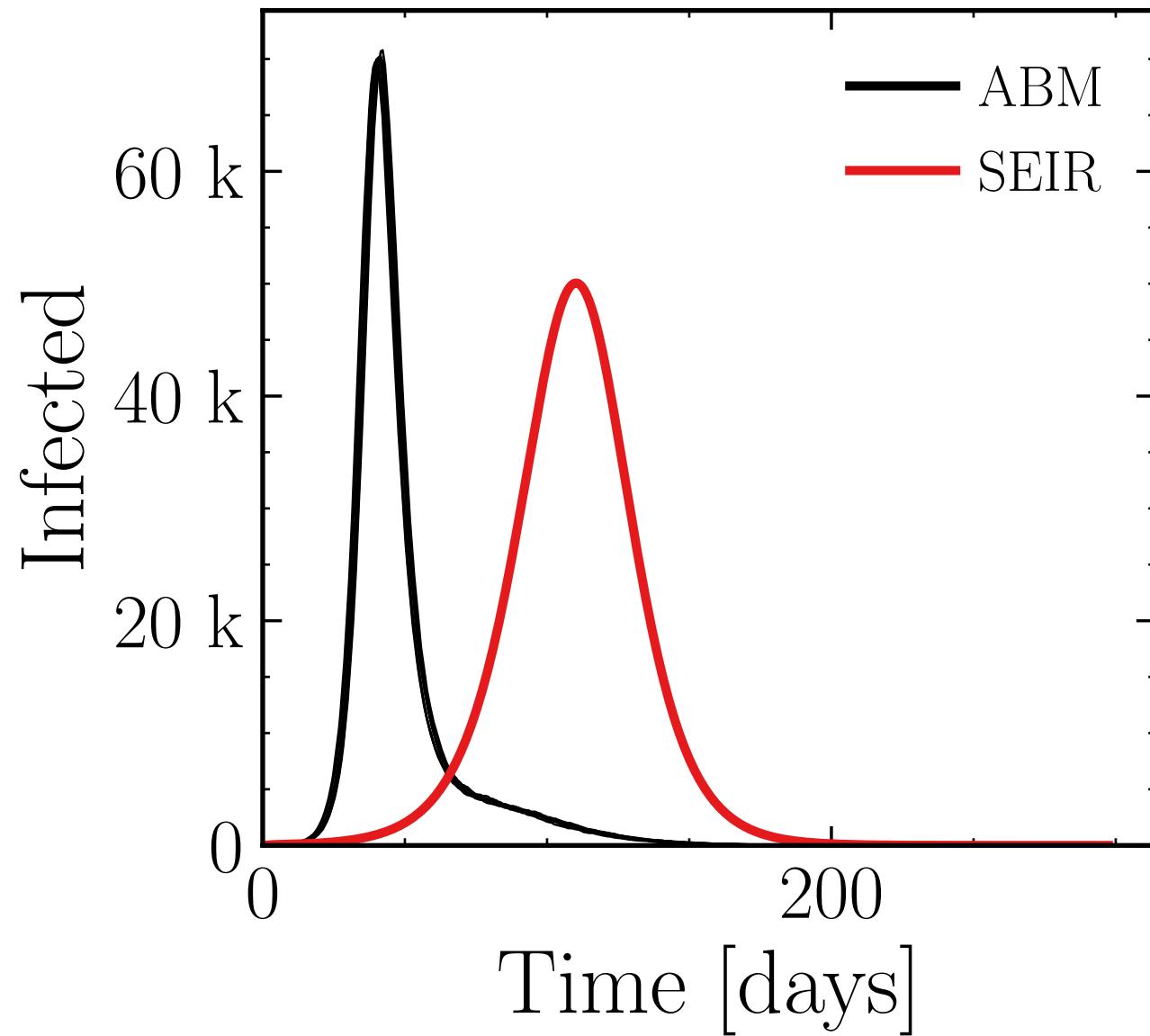
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β_{scaling}} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{max}}^{\text{ABM}} = (70.1 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 8187016979, #10

$R_{\infty}^{\text{ABM}} = (368.9 \pm 0.089\%) \cdot 10^3$



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

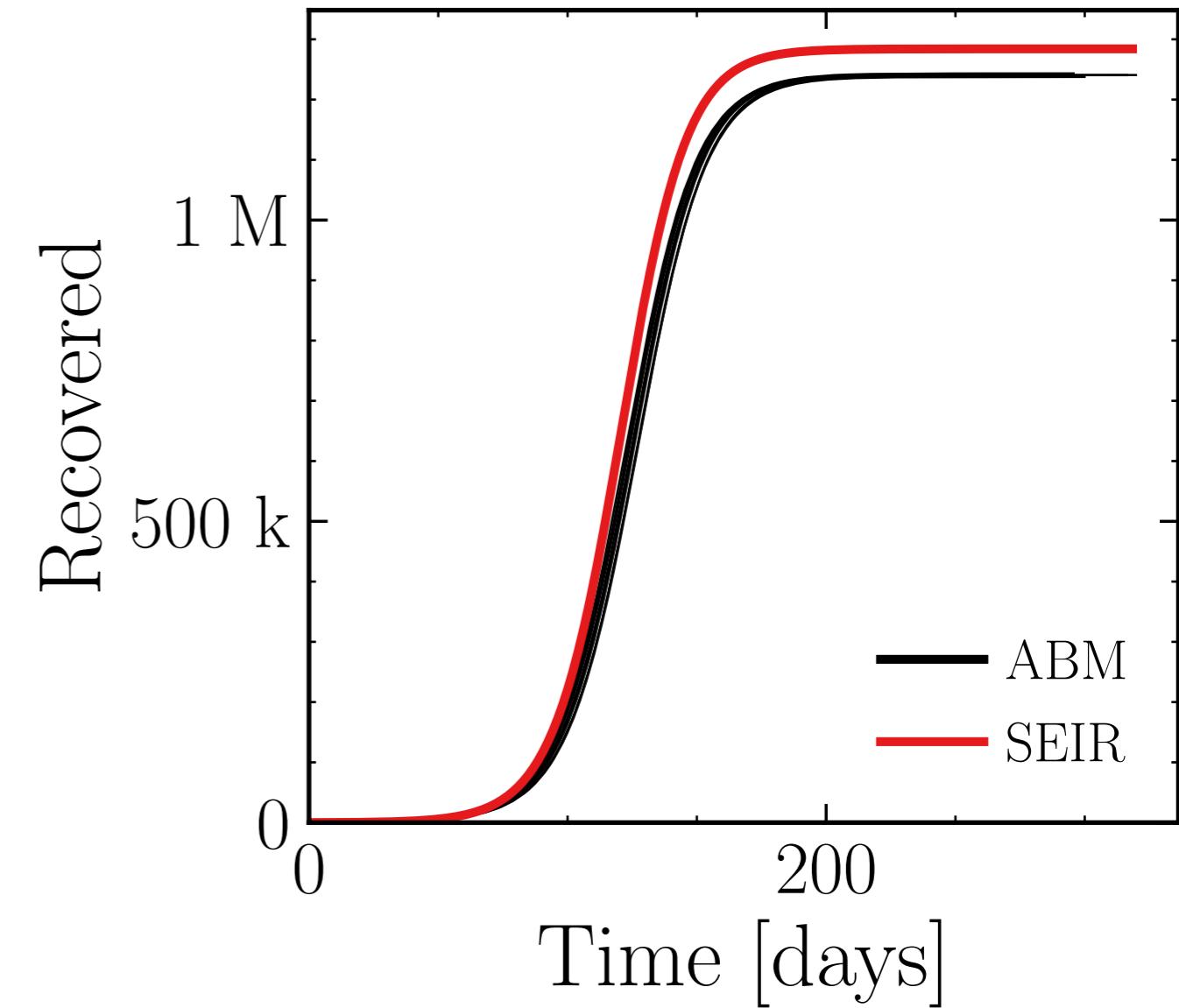
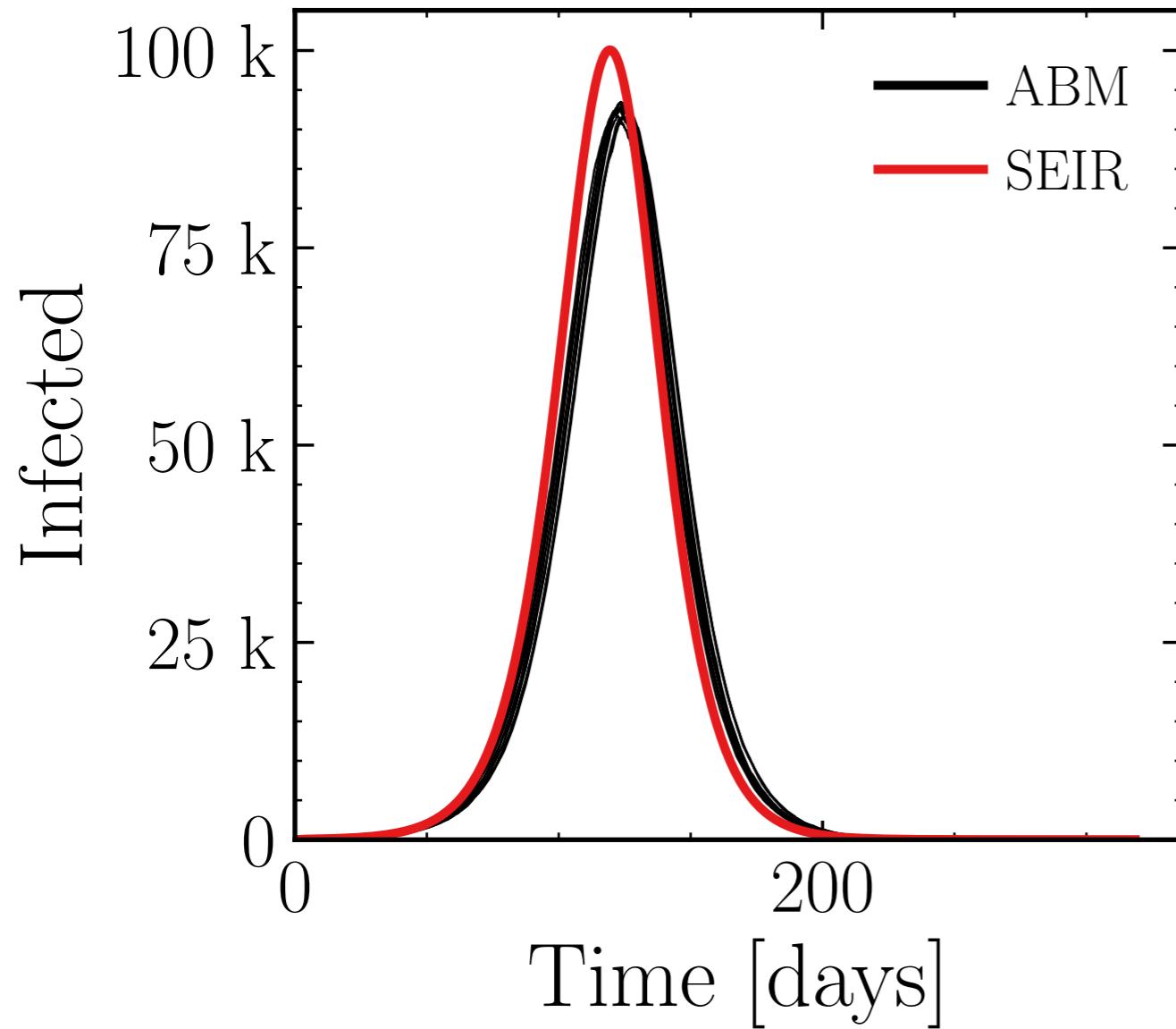
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (92.6 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 4c7f26e8a1, #10

$R_\infty^{\text{ABM}} = (1.2408 \pm 0.034\%) \cdot 10^6$



$N_{\text{tot}} = 2M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

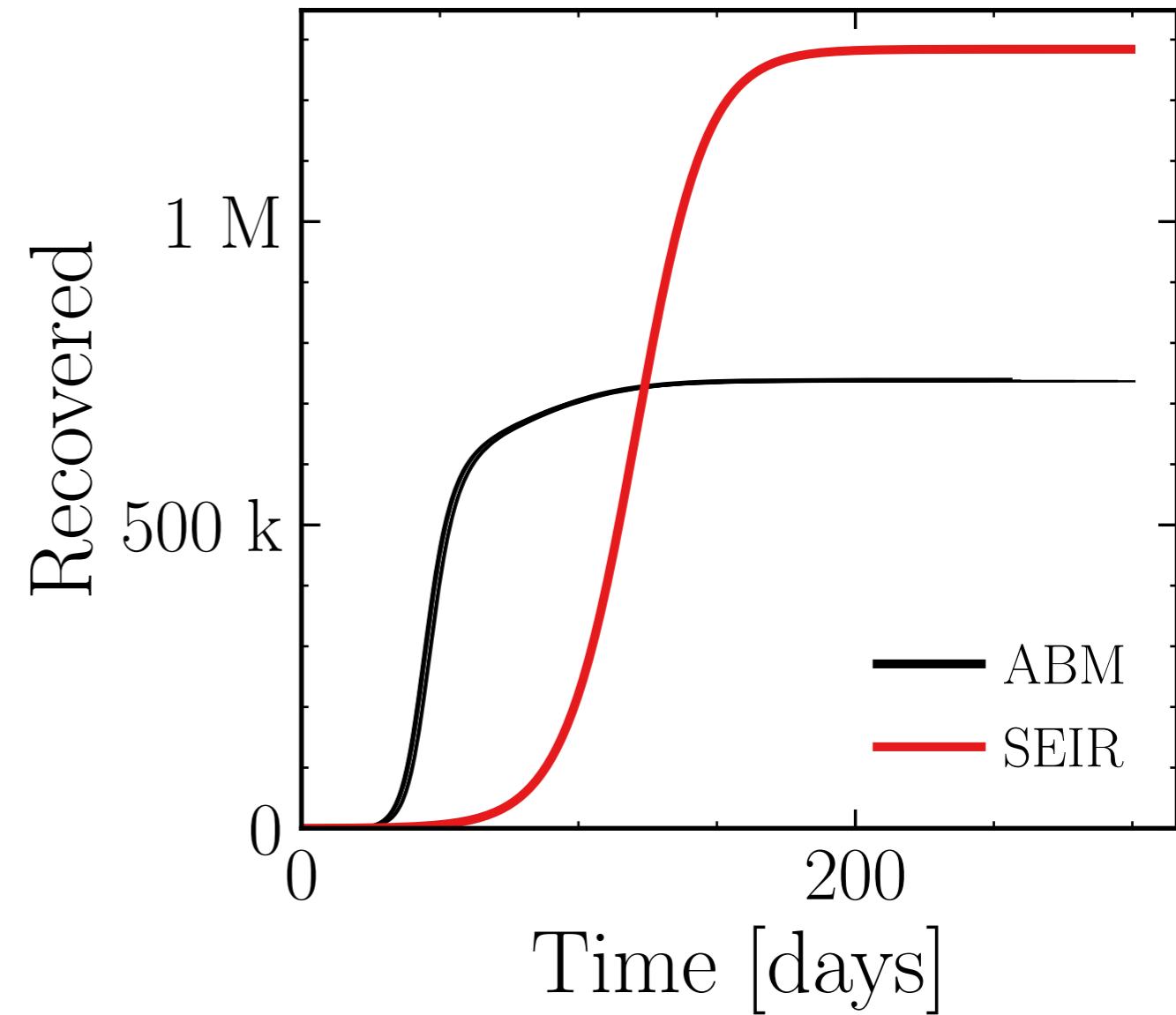
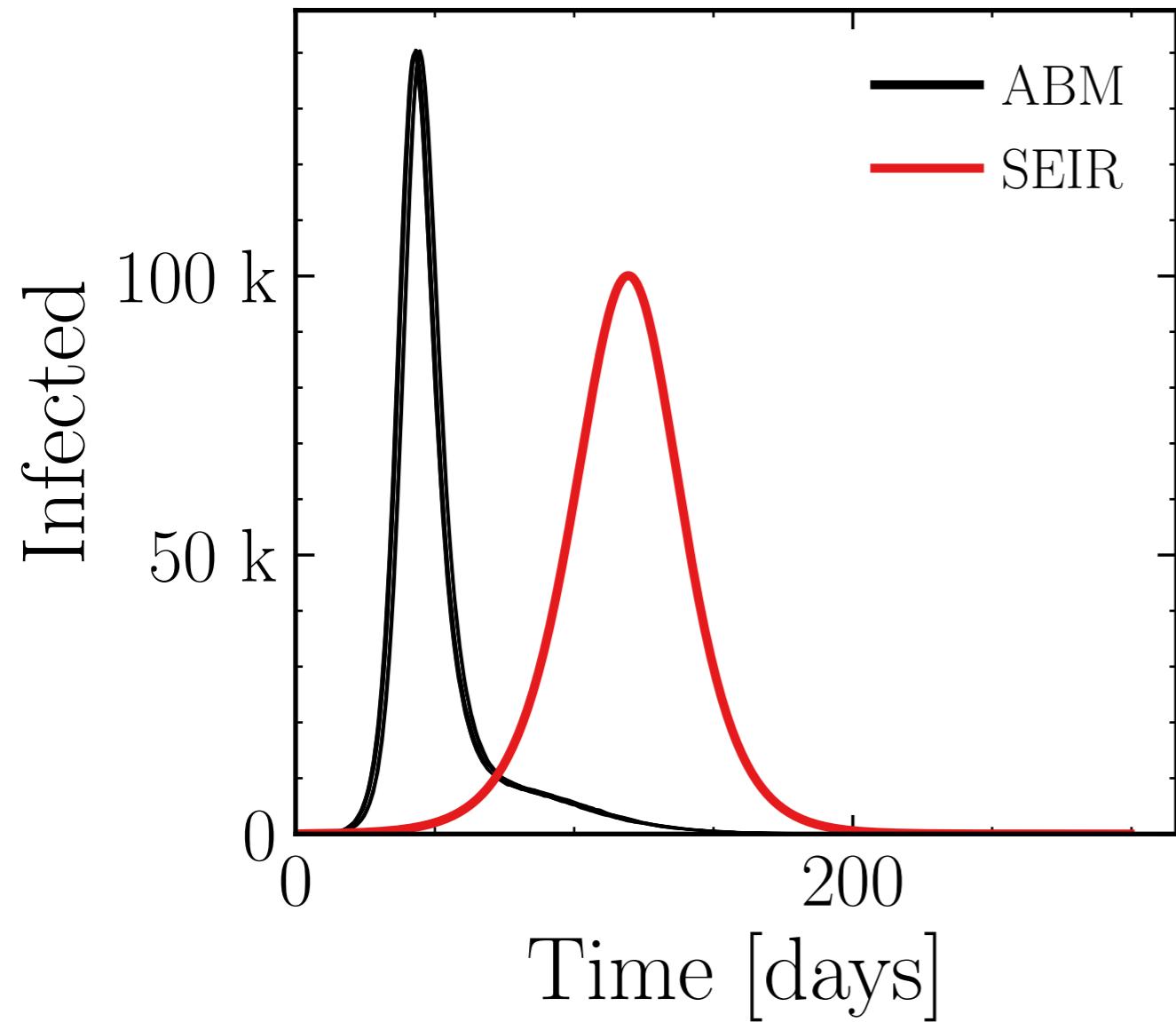
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (140.1 \pm 0.079\%) \cdot 10^3$

v. = 1.0, hash = 7d95ad2e97, #10

$R_{\infty}^{\text{ABM}} = (738 \pm 0.051\%) \cdot 10^3$



$N_{\text{tot}} = 3M$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

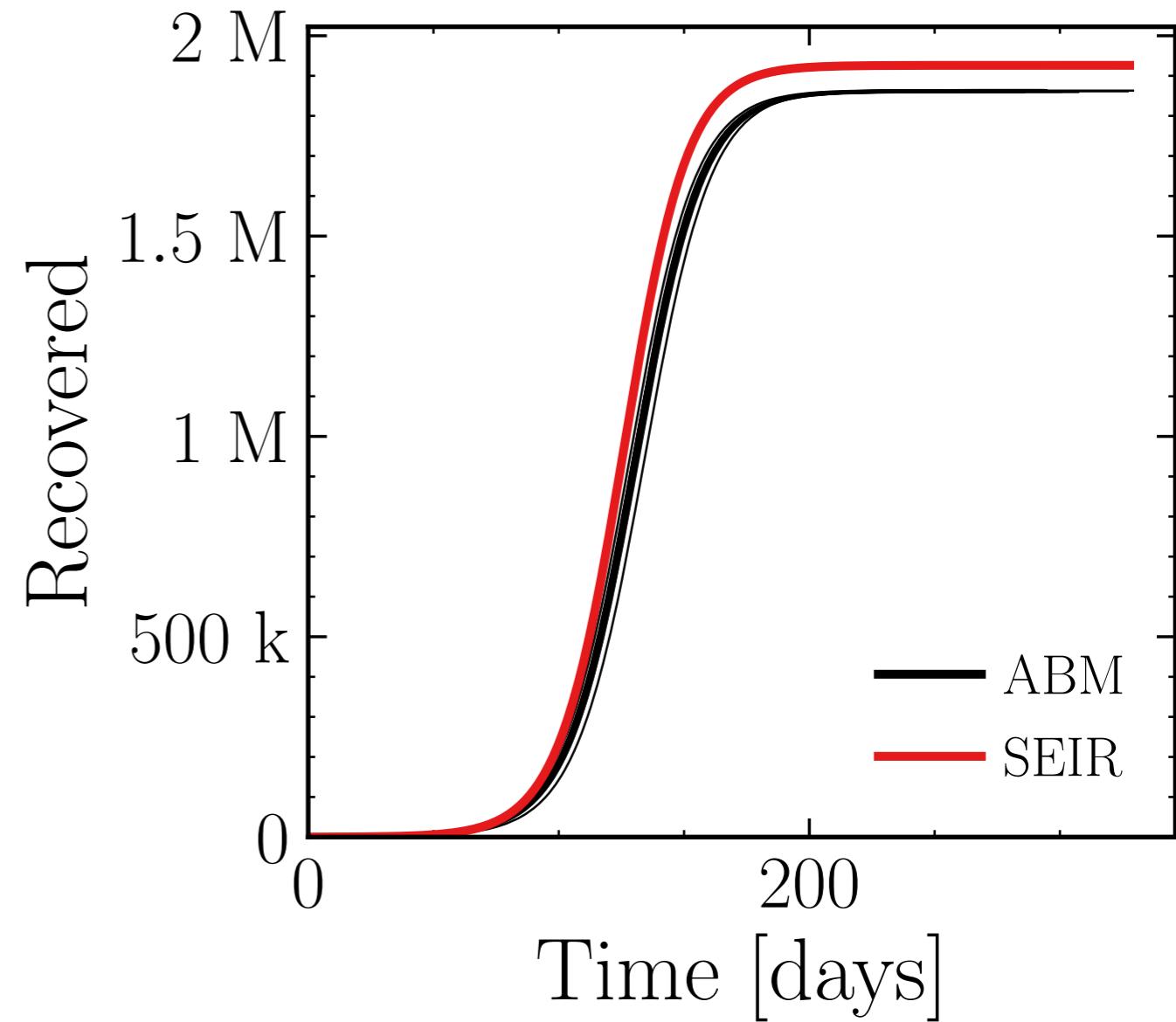
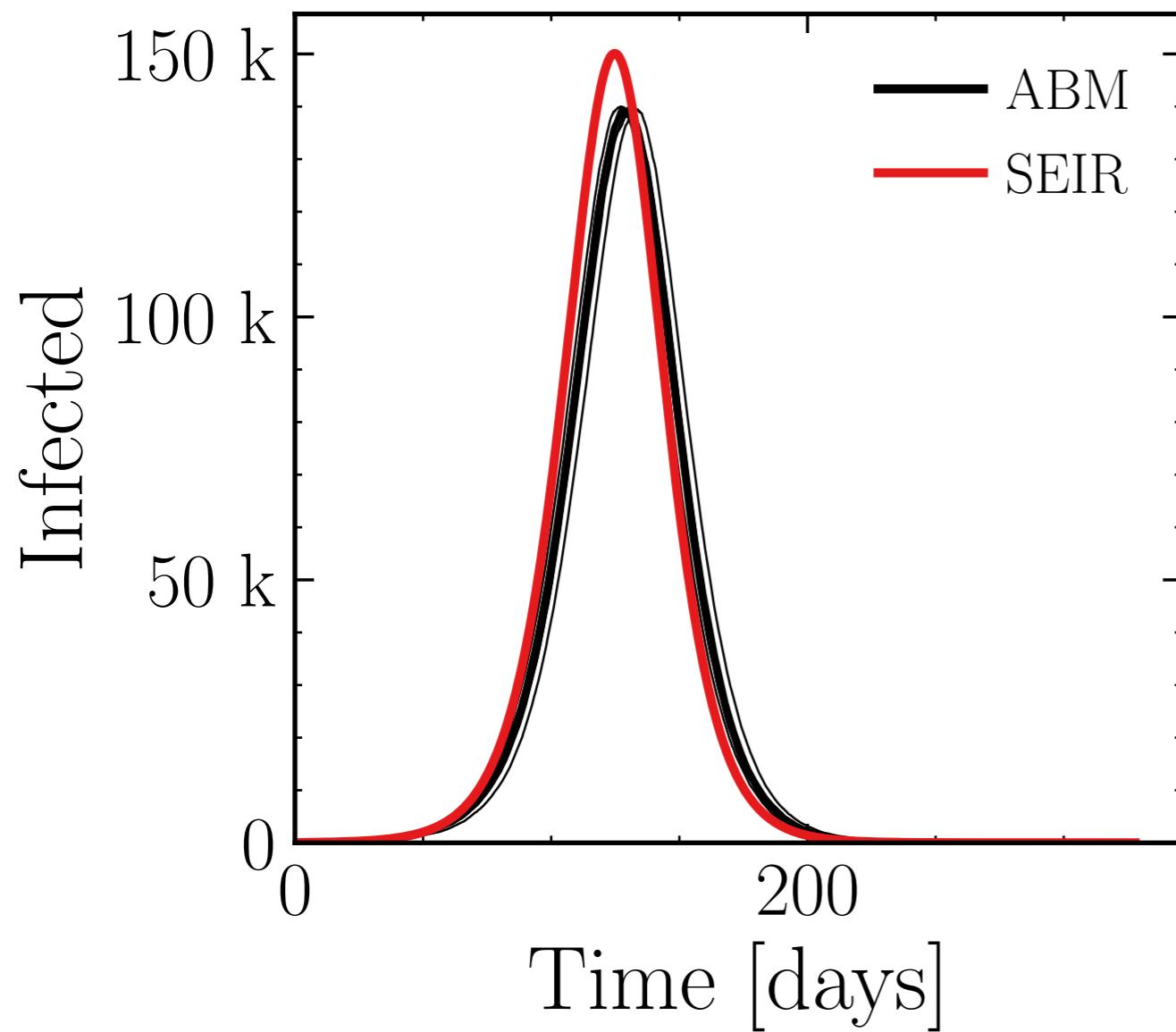
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (139.3 \pm 0.1\%) \cdot 10^3$

v. = 1.0, hash = d0f4ba52fb, #10

$R_{\infty}^{\text{ABM}} = (1.8619 \pm 0.032\%) \cdot 10^6$



$N_{\text{tot}} = 4M$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

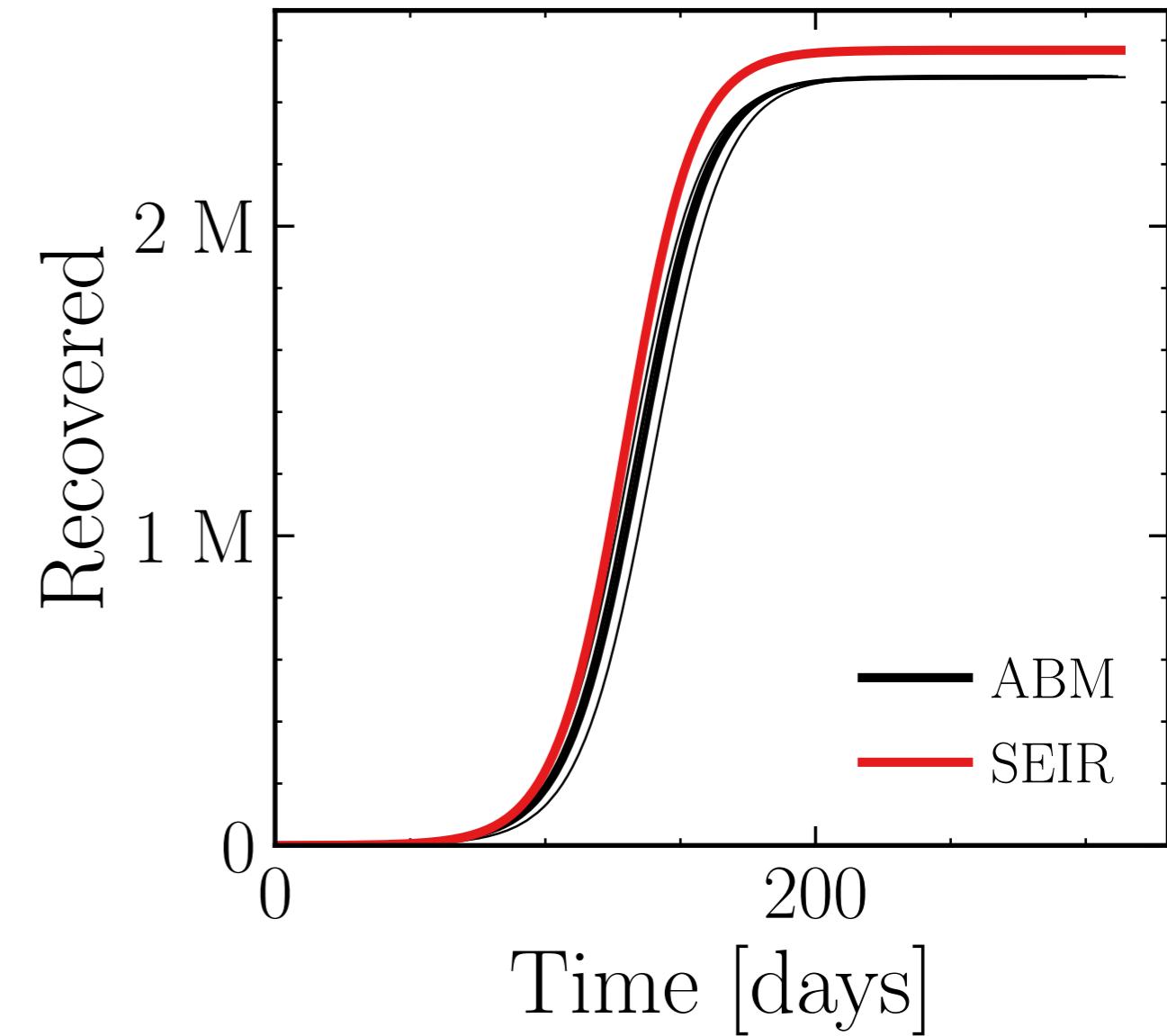
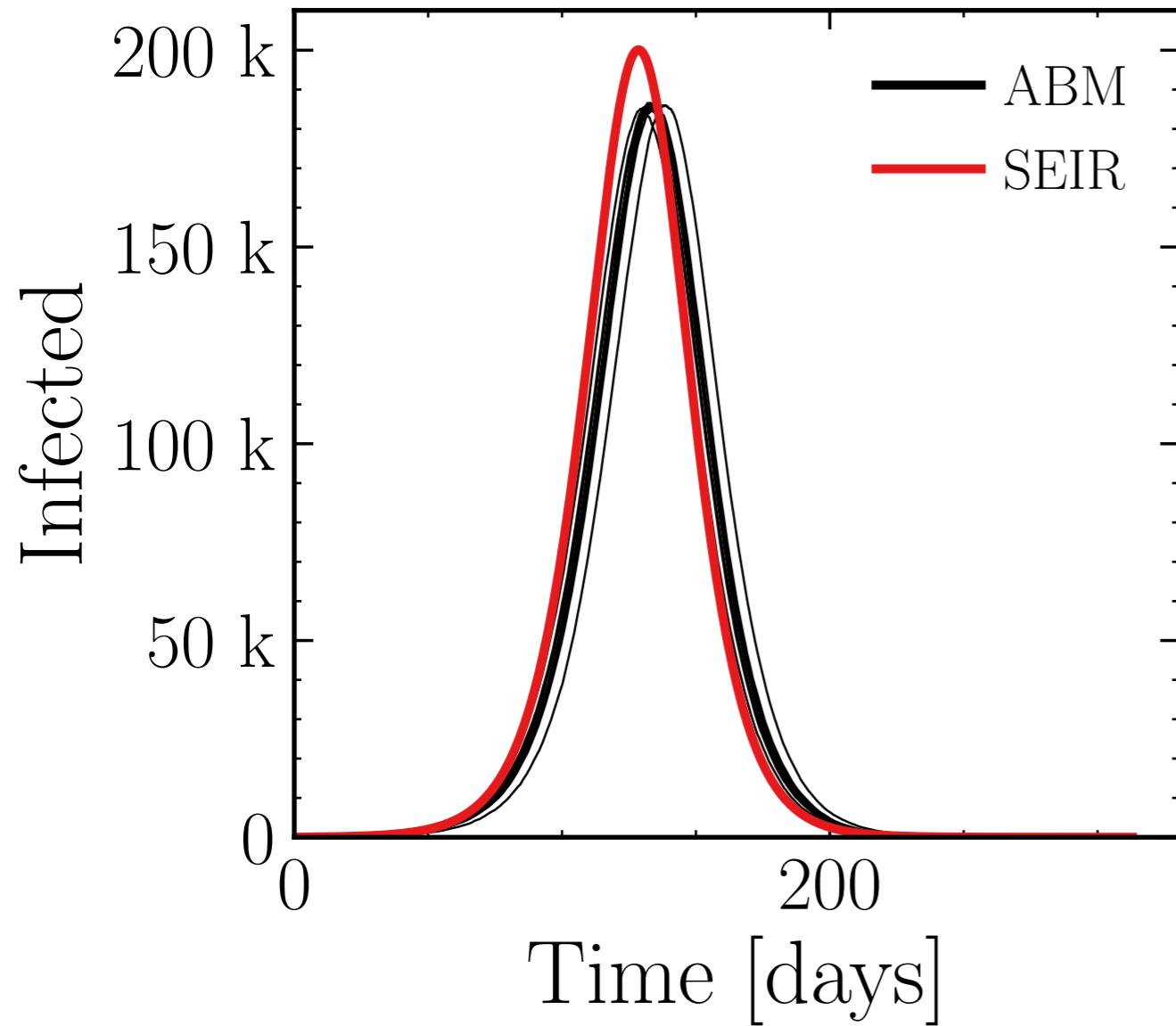
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (186 \pm 0.075\%) \cdot 10^3$

v. = 1.0, hash = c03110d519, #10

$R_\infty^{\text{ABM}} = (2.4821 \pm 0.035\%) \cdot 10^6$



$N_{\text{tot}} = 3M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

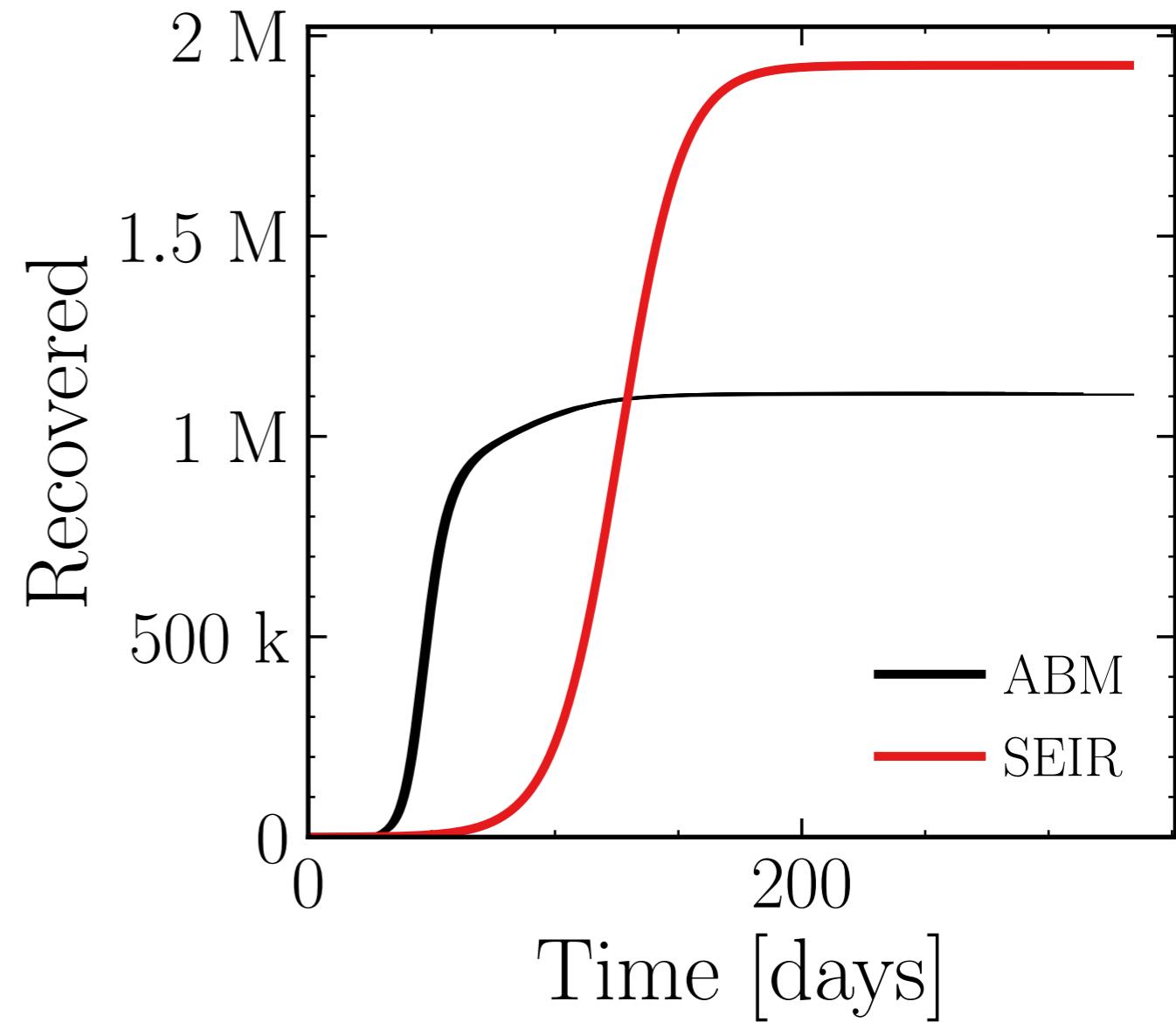
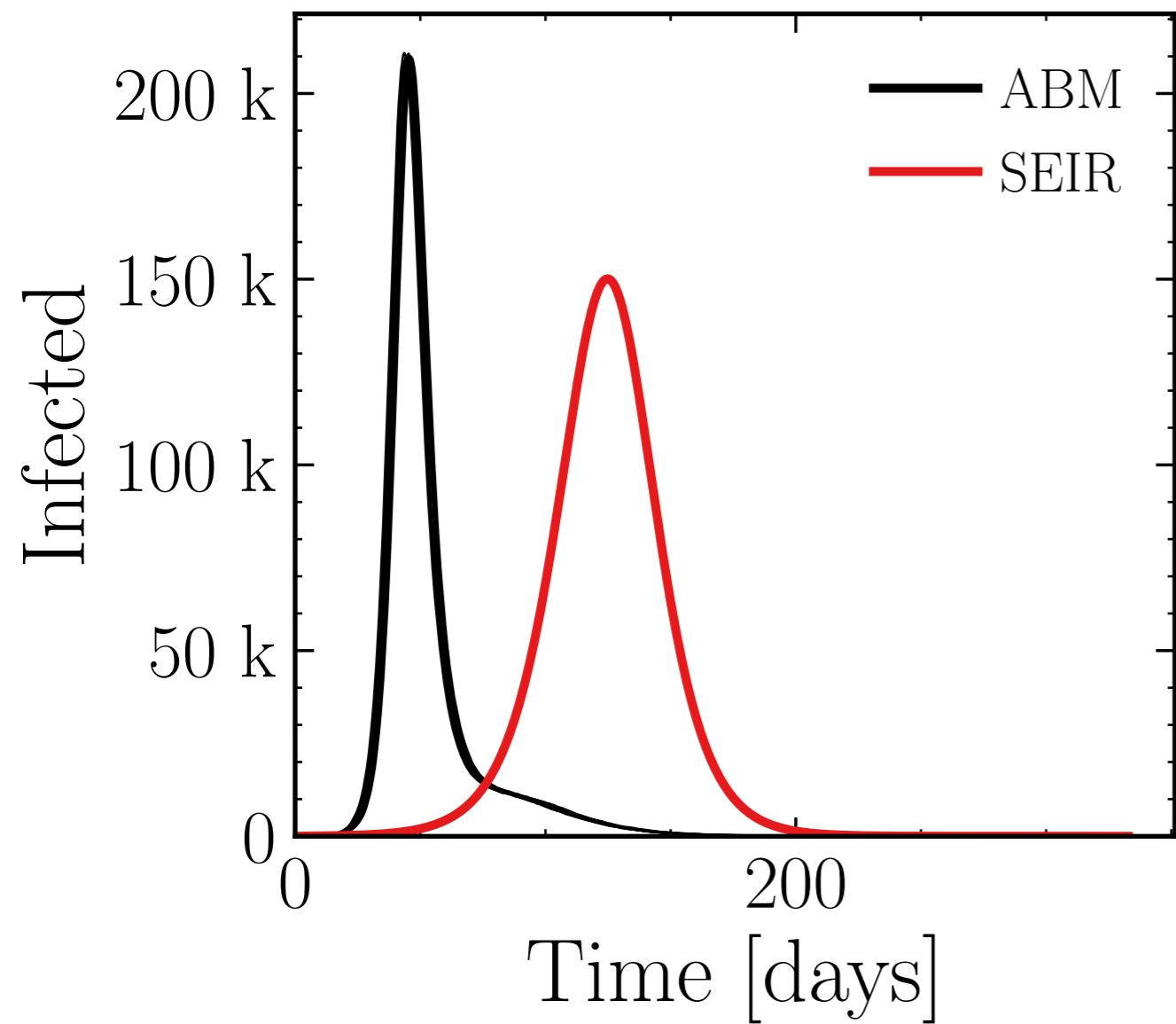
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (209.9 \pm 0.085\%) \cdot 10^3$

v. = 1.0, hash = 9c71f7e69e, #10

$R_\infty^{\text{ABM}} = (1.1071 \pm 0.036\%) \cdot 10^6$



$N_{\text{tot}} = 4M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

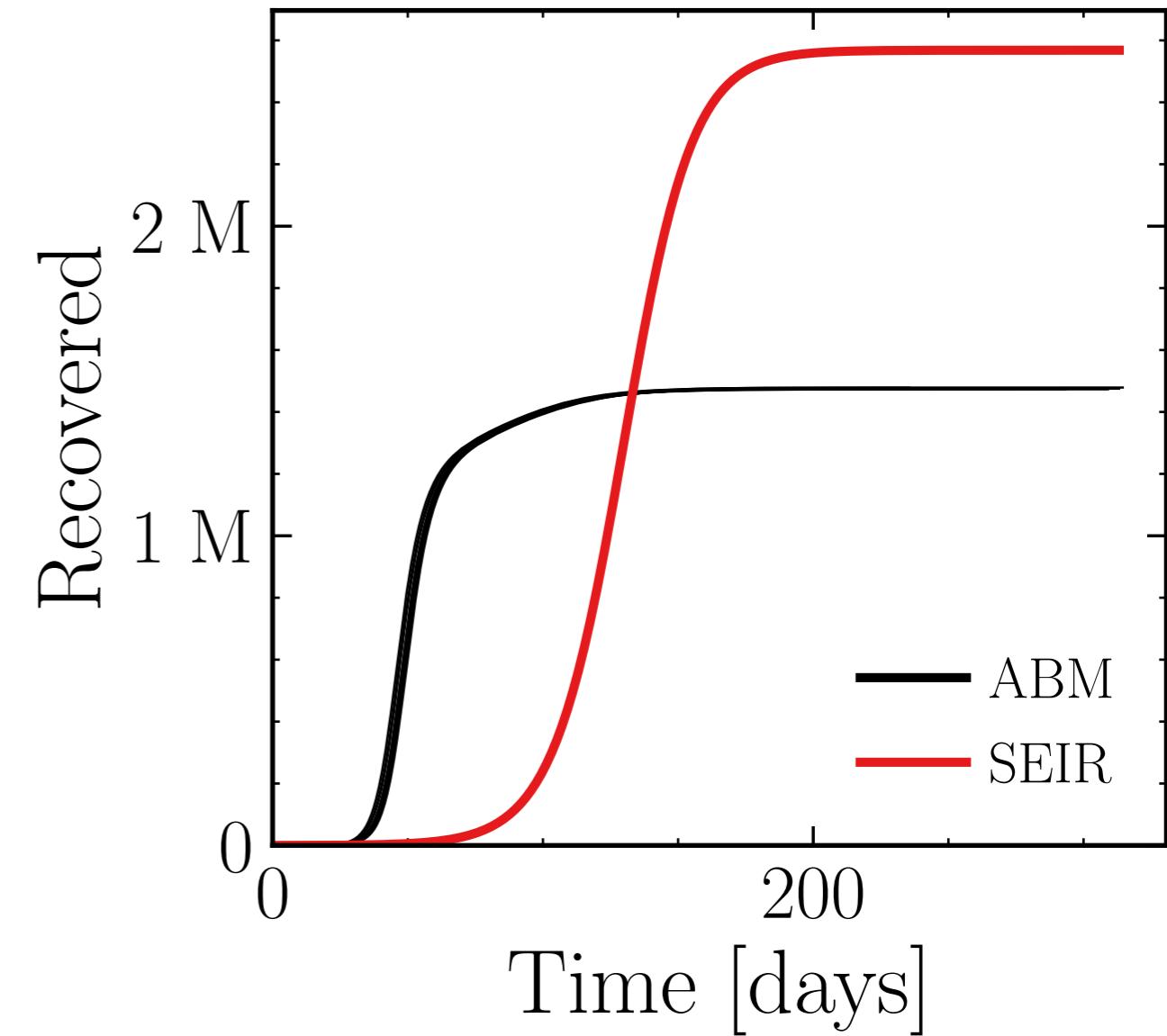
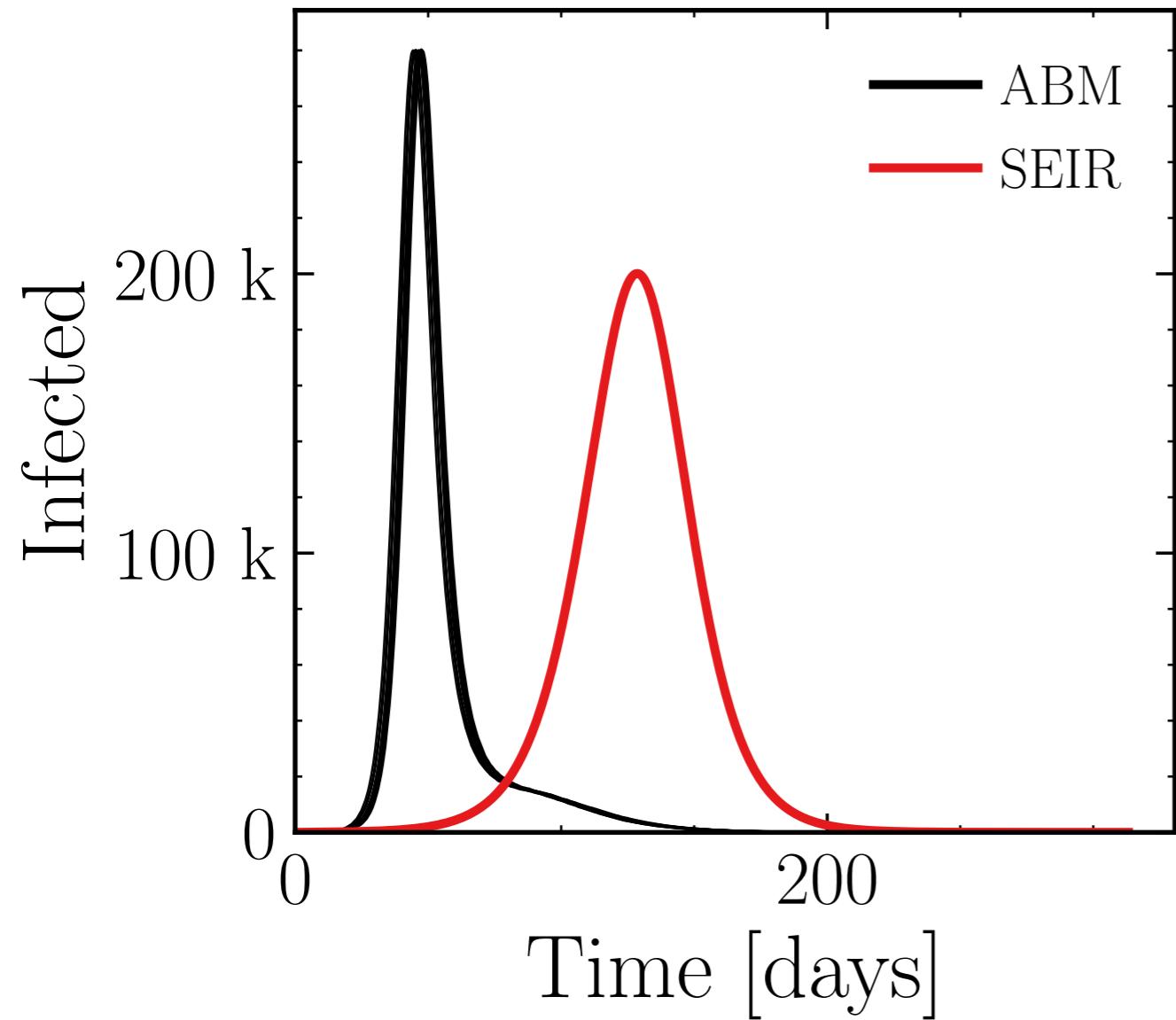
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (280.04 \pm 0.023\%) \cdot 10^3$

v. = 1.0, hash = b03bfa6393, #10

$R_\infty^{\text{ABM}} = (1.4758 \pm 0.038\%) \cdot 10^6$



$N_{\text{tot}} = 5M$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

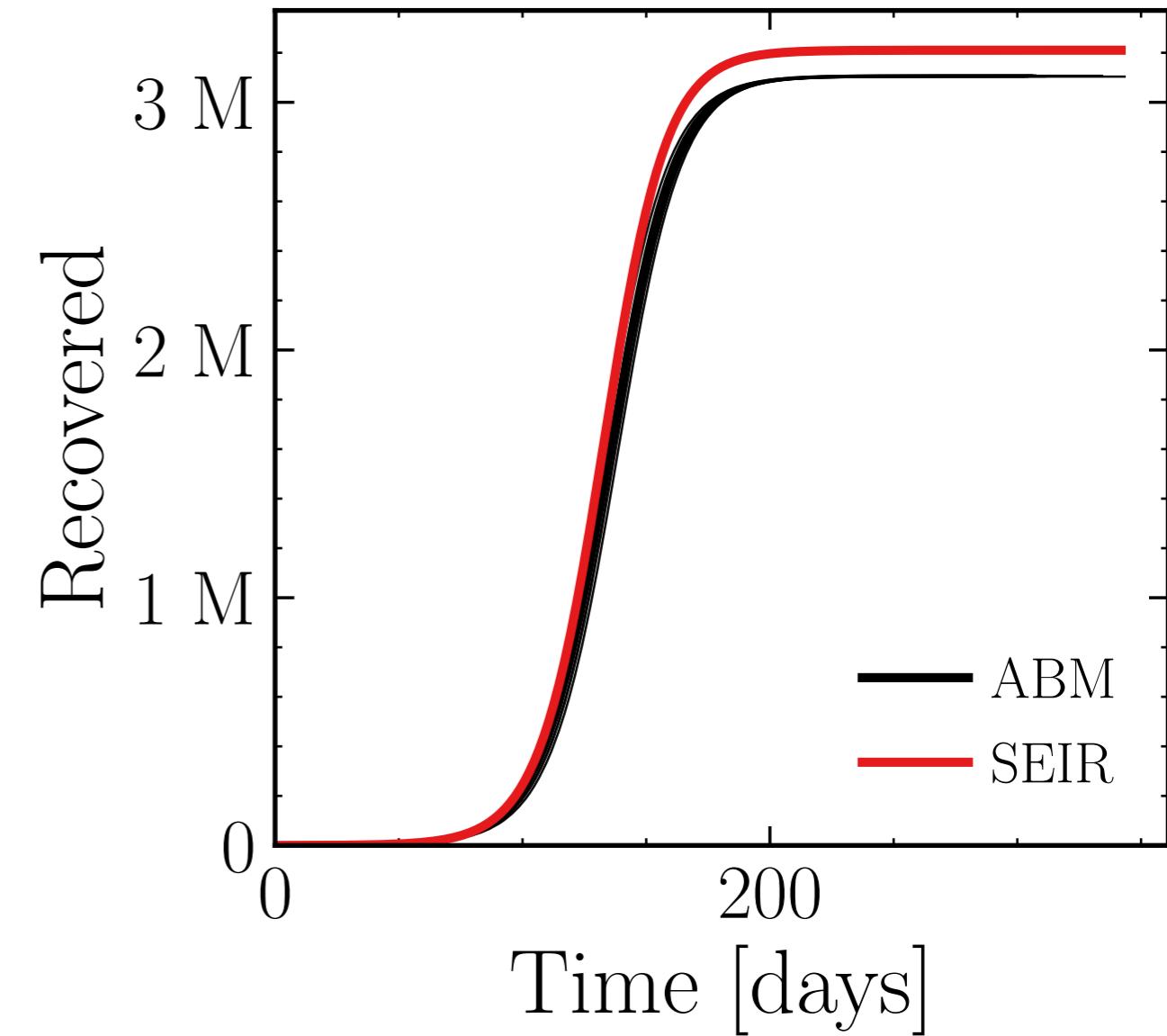
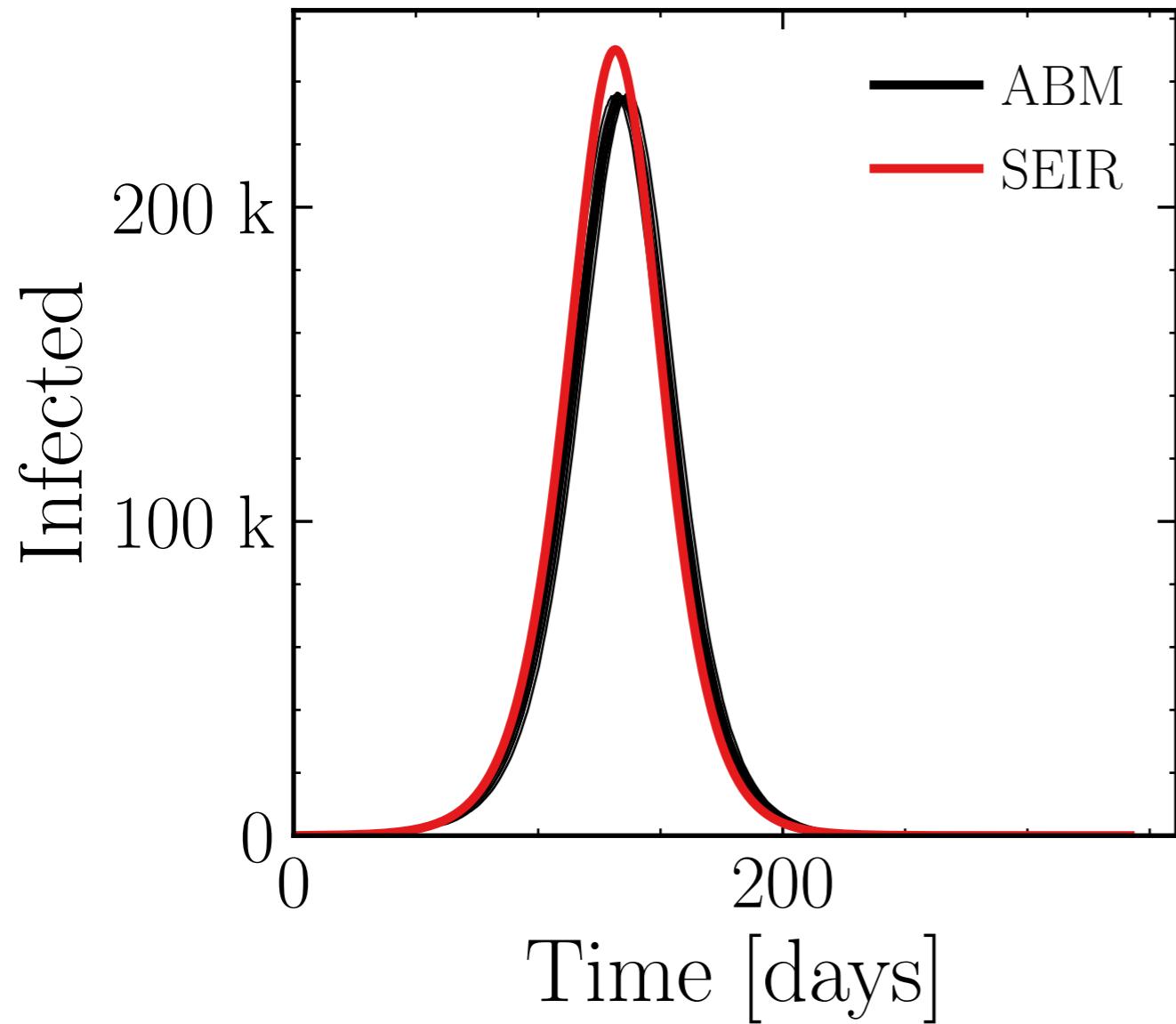
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (235.5 \pm 0.077\%) \cdot 10^3$

v. = 1.0, hash = 773b64b904, #10

$R_\infty^{\text{ABM}} = (3.1057 \pm 0.02\%) \cdot 10^6$



$N_{\text{tot}} = 5M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

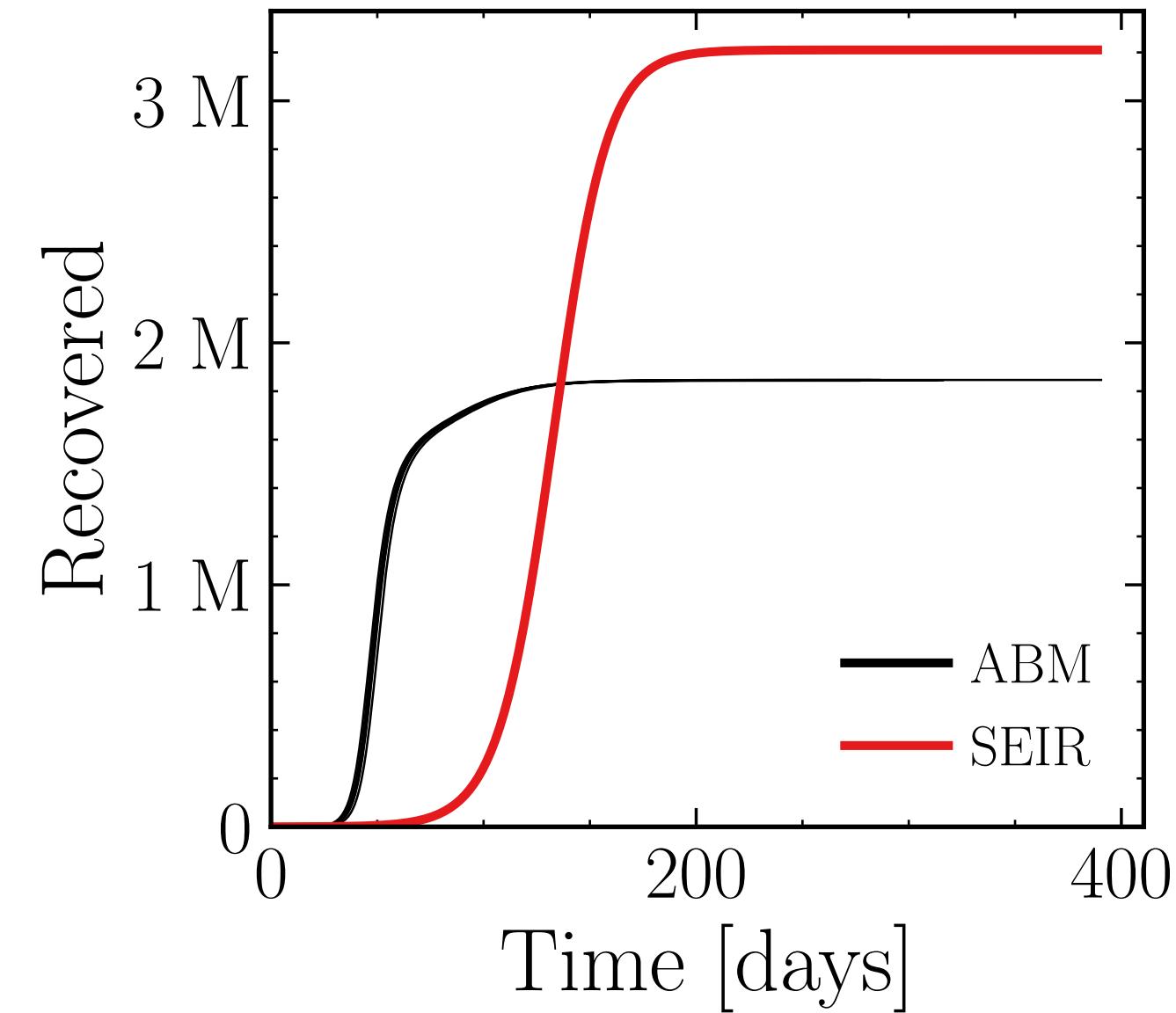
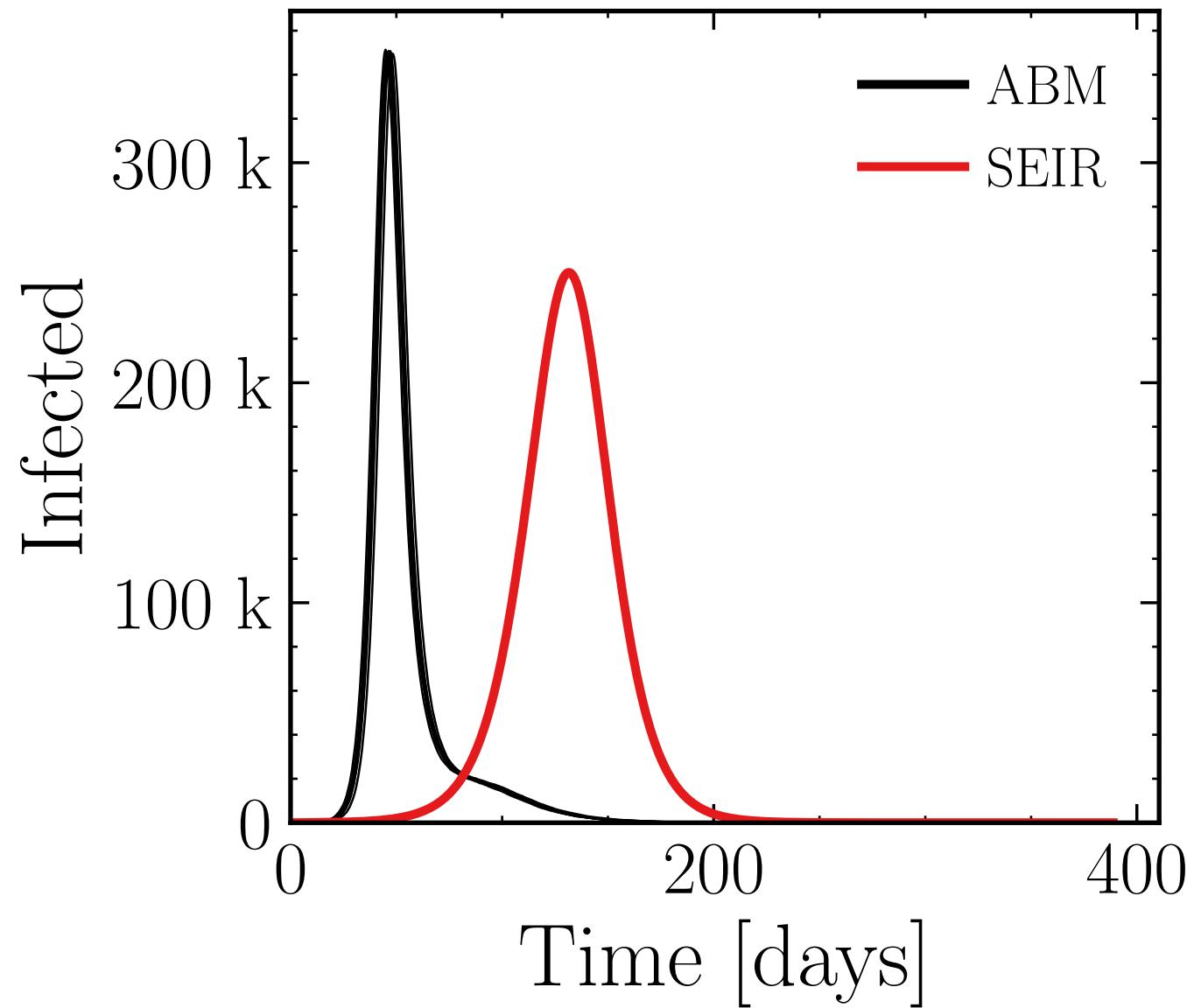
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (350.2 \pm 0.058\%) \cdot 10^3$

v. = 1.0, hash = b1b96b8d83, #10

$R_\infty^{\text{ABM}} = (1.8454 \pm 0.016\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

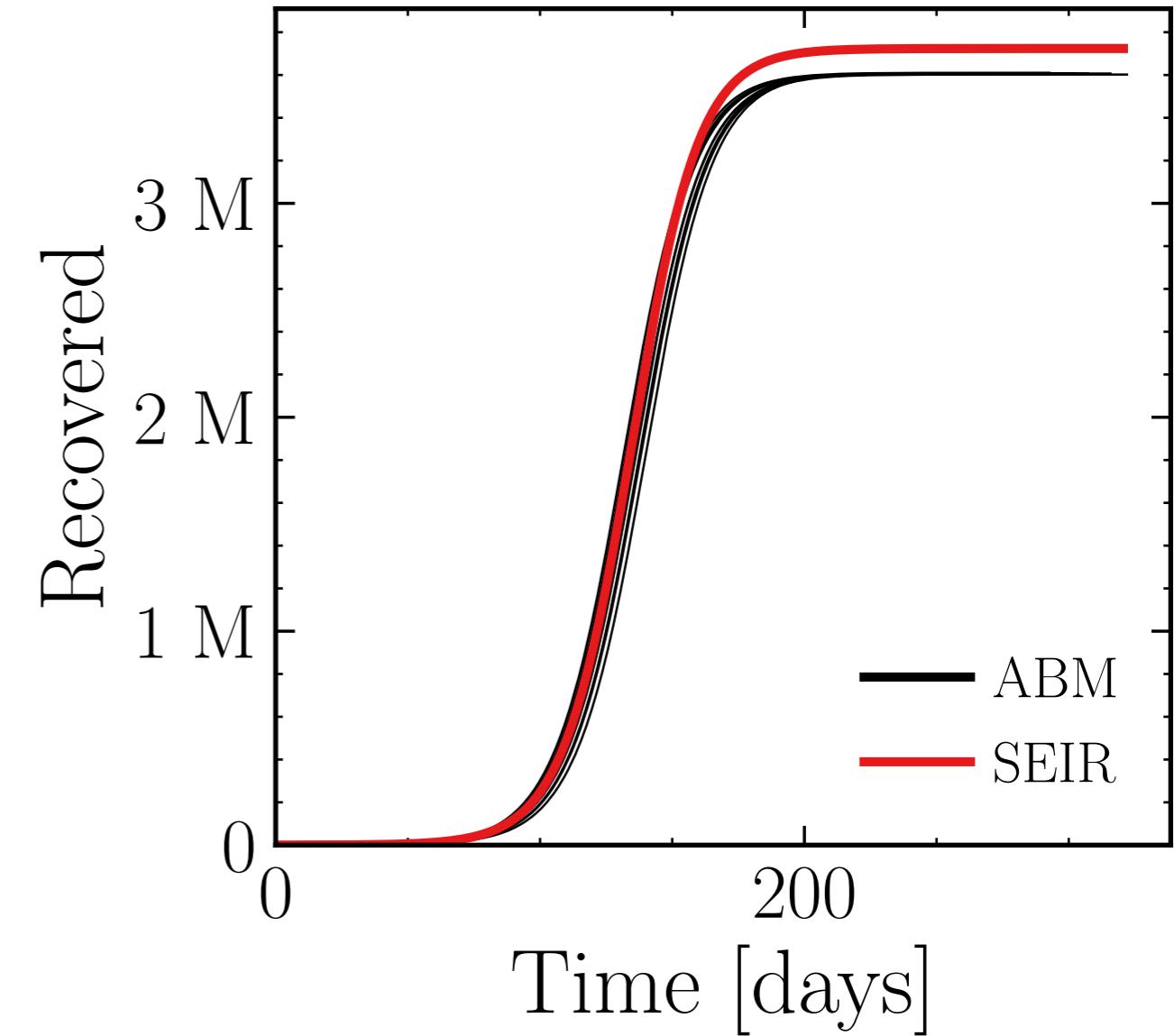
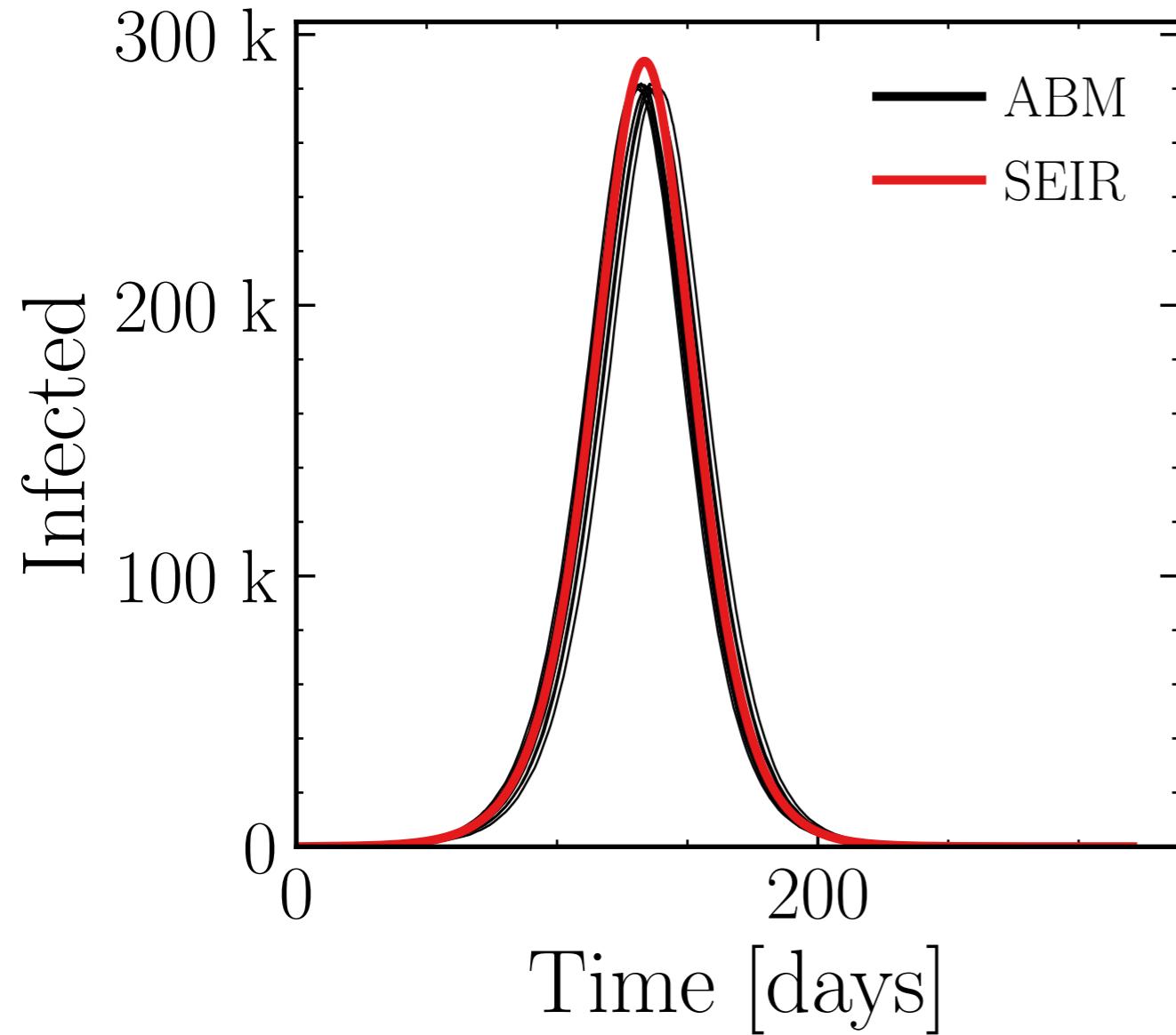
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (281 \pm 0.089\%) \cdot 10^3$

v. = 1.0, hash = dde206fb76, #10

$R_{\infty}^{\text{ABM}} = (3.6065 \pm 0.019\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.01$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

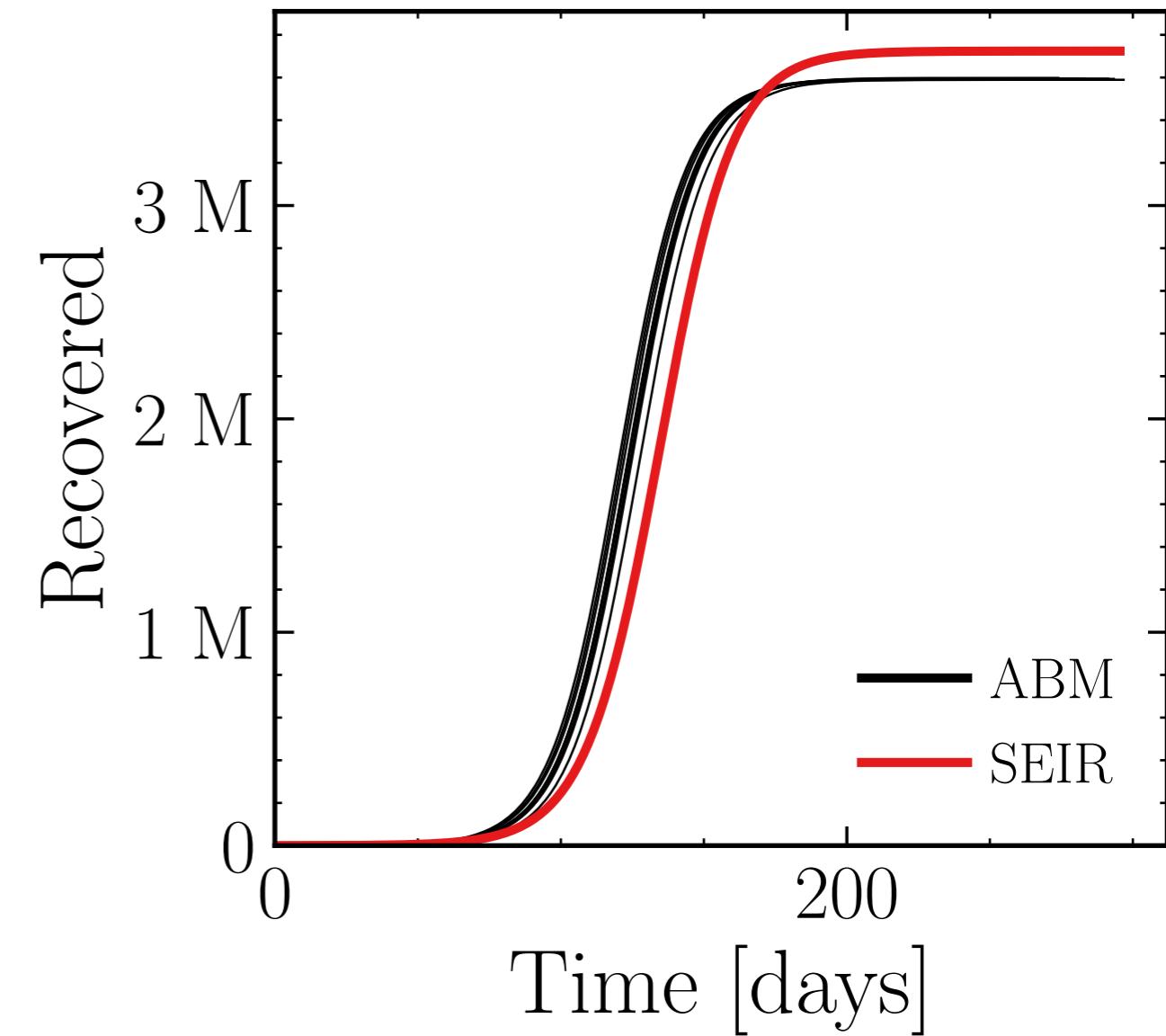
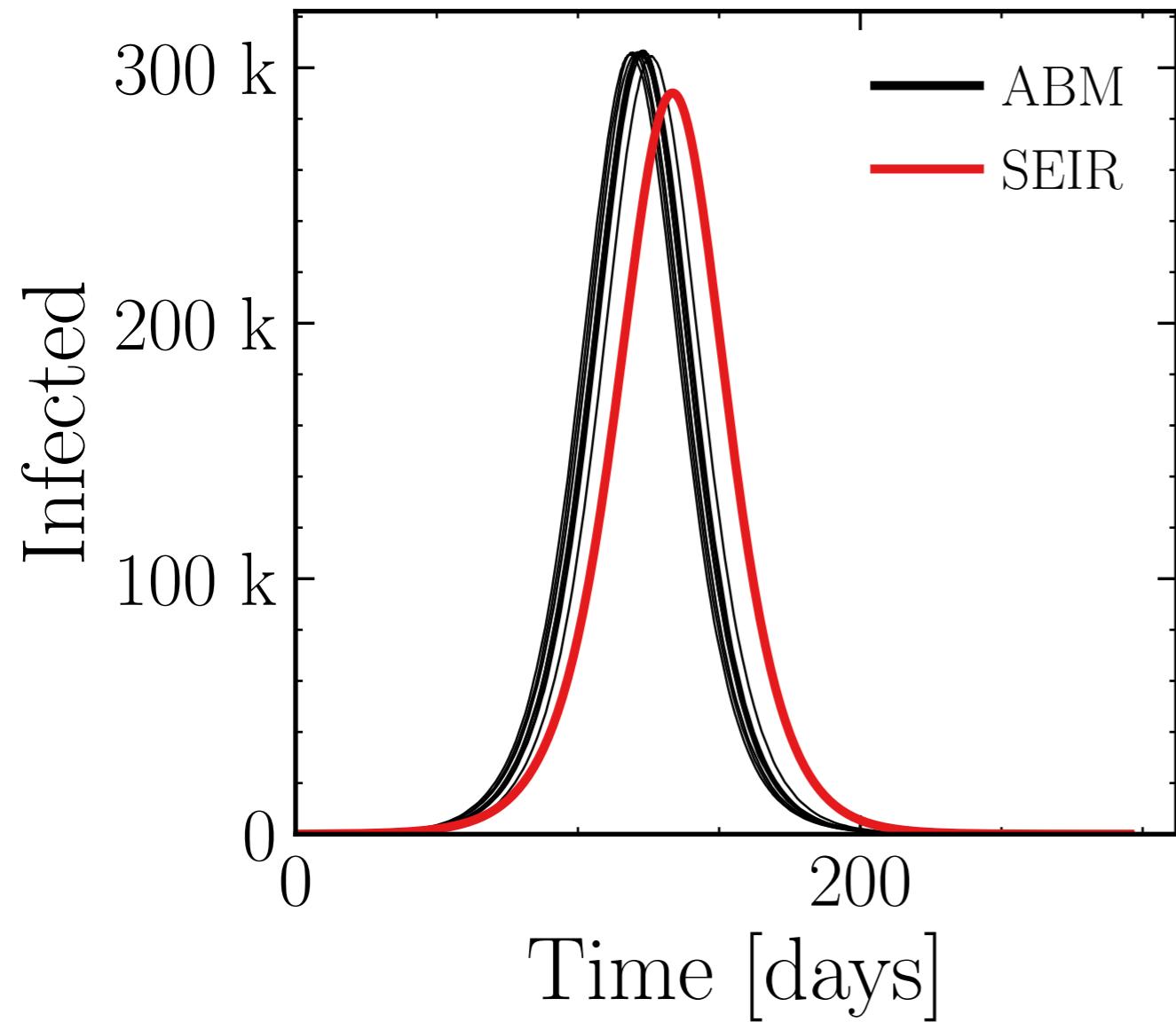
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (306 \pm 0.067\%) \cdot 10^3$

v. = 1.0, hash = 4f708b729d, #10

$R_\infty^{\text{ABM}} = (3.5934 \pm 0.022\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

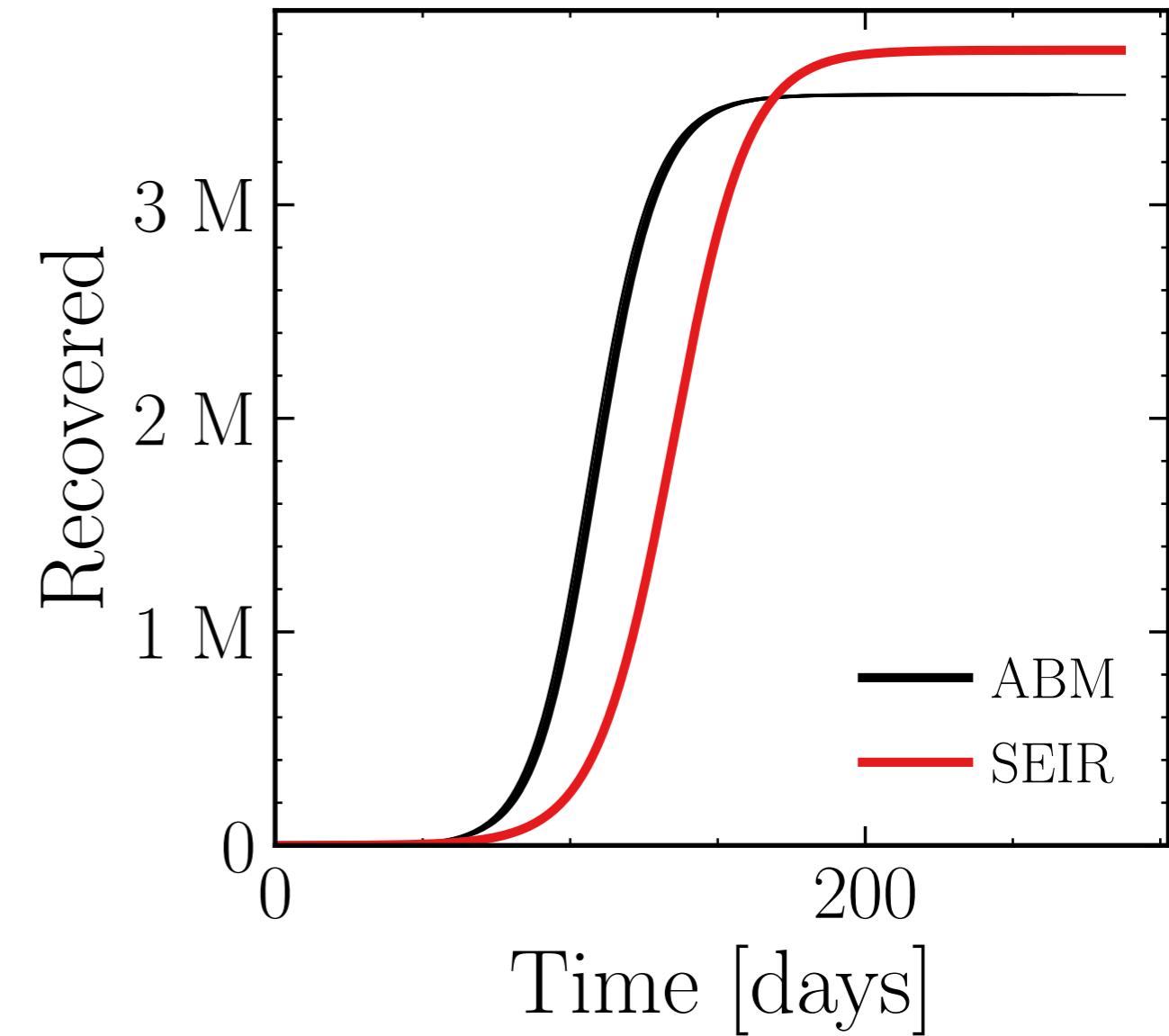
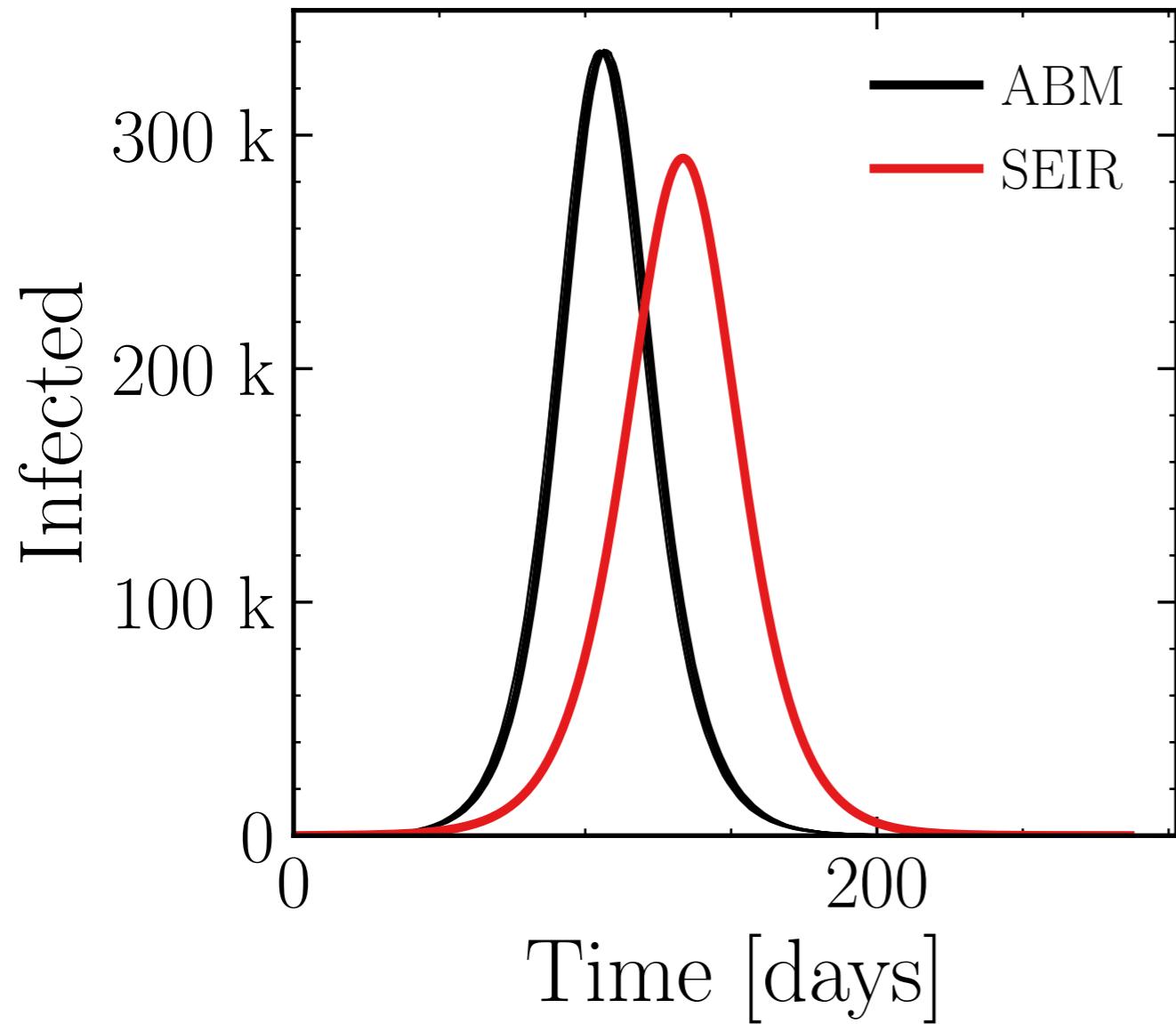
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (335.9 \pm 0.04\%) \cdot 10^3$

v. = 1.0, hash = 78b0d321f5, #10

$R_\infty^{\text{ABM}} = (3.5155 \pm 0.018\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

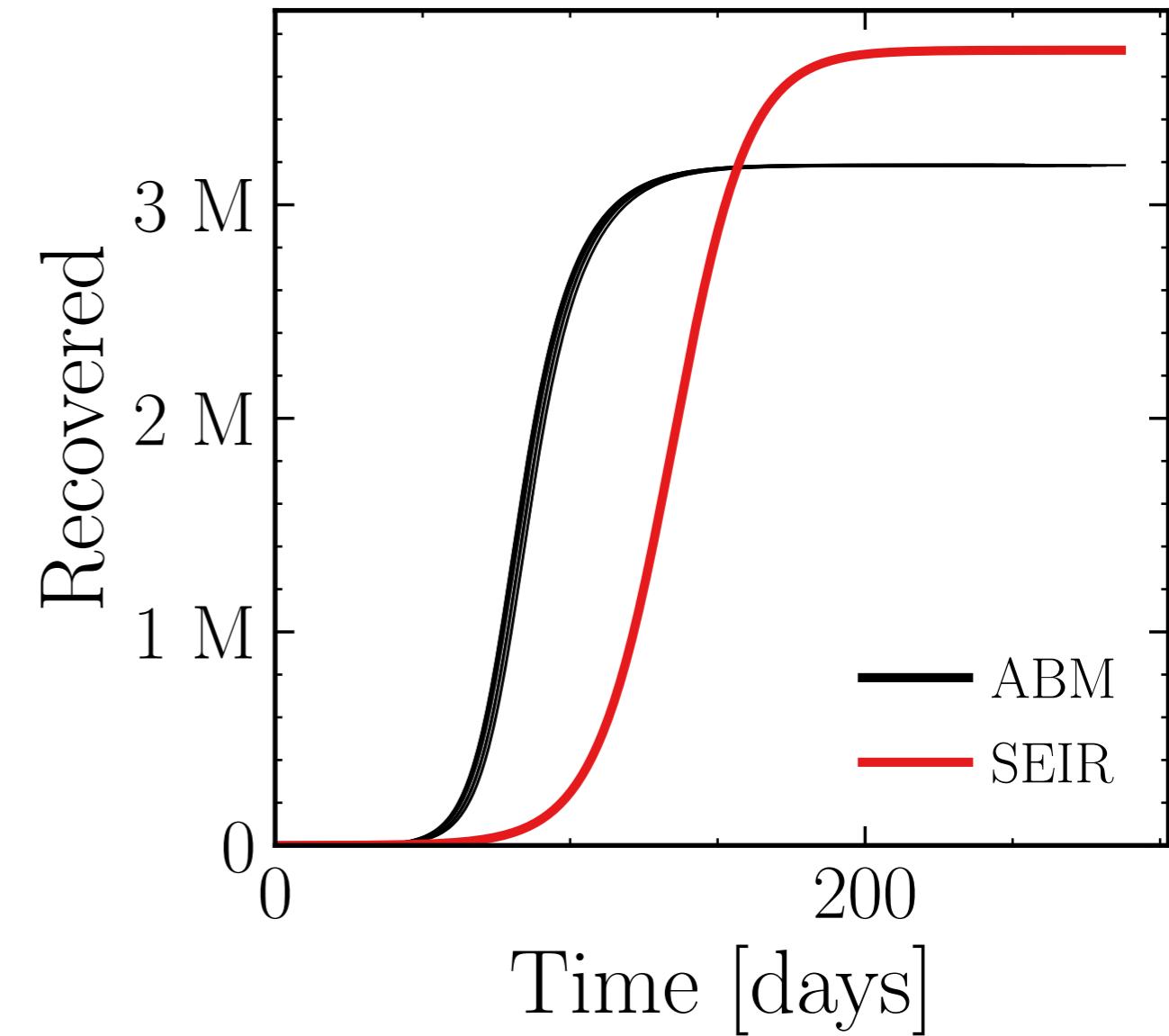
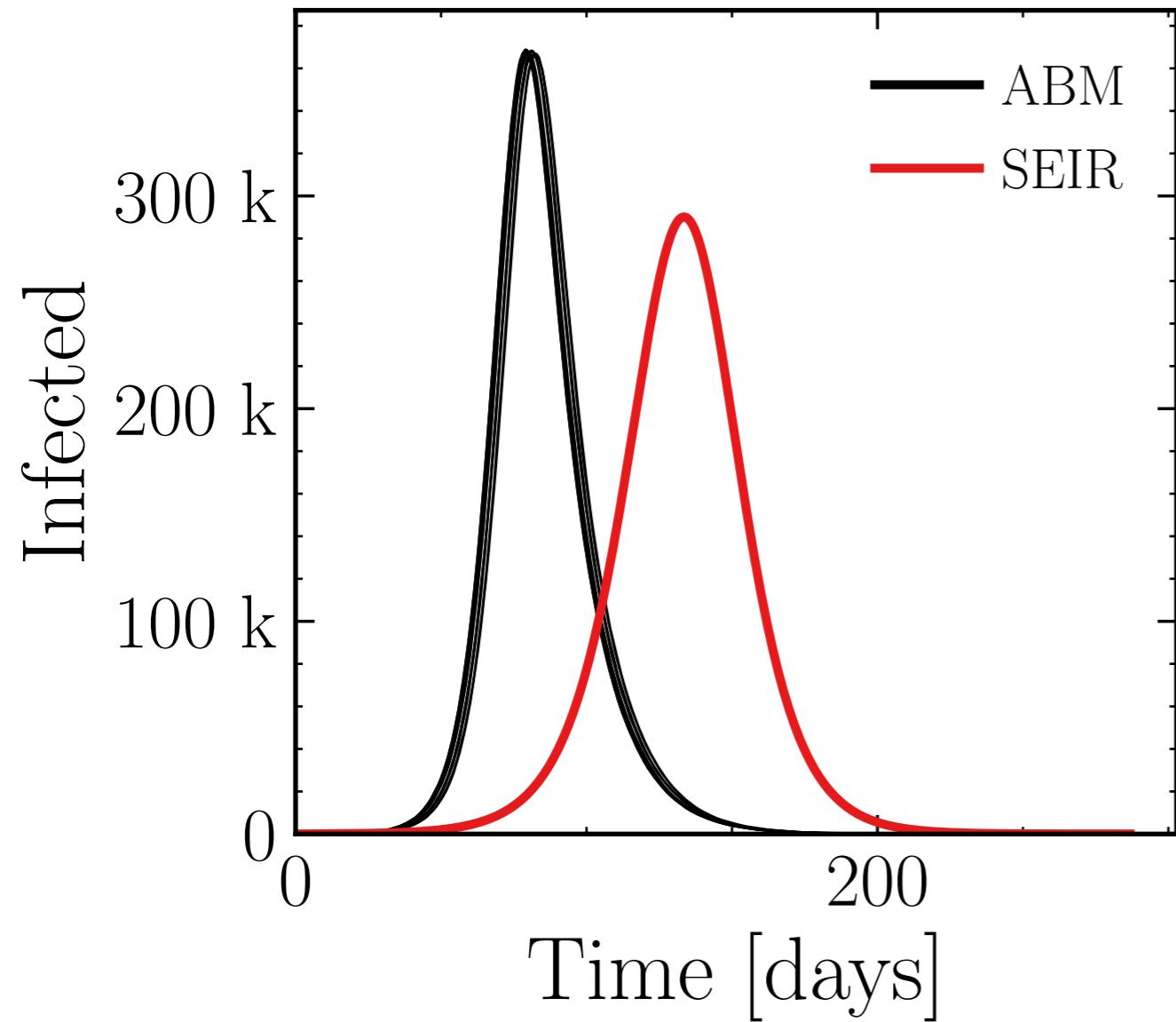
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (367.6 \pm 0.073\%) \cdot 10^3$

v. = 1.0, hash = 011676c455, #10

$R_\infty^{\text{ABM}} = (3.1849 \pm 0.024\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

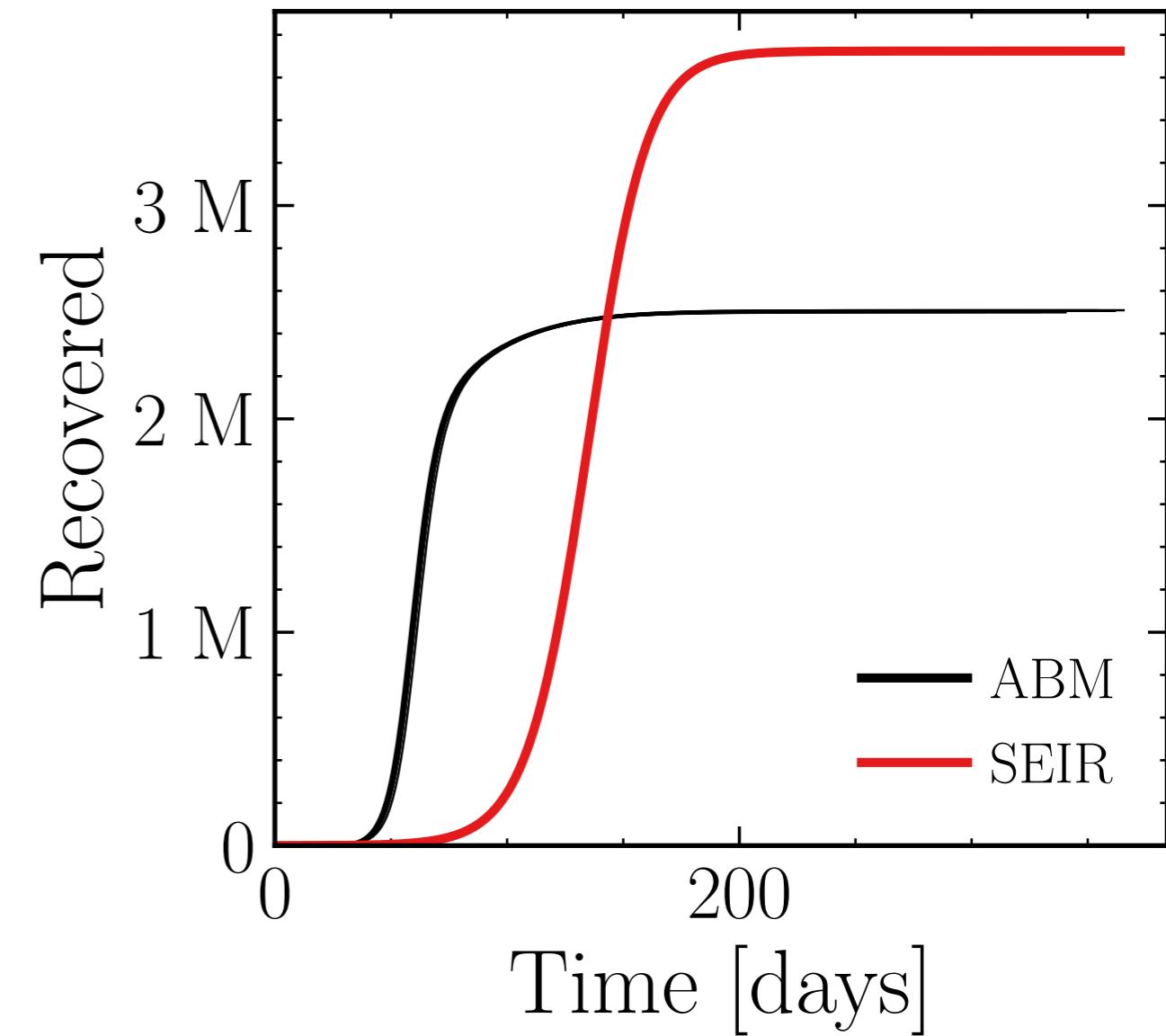
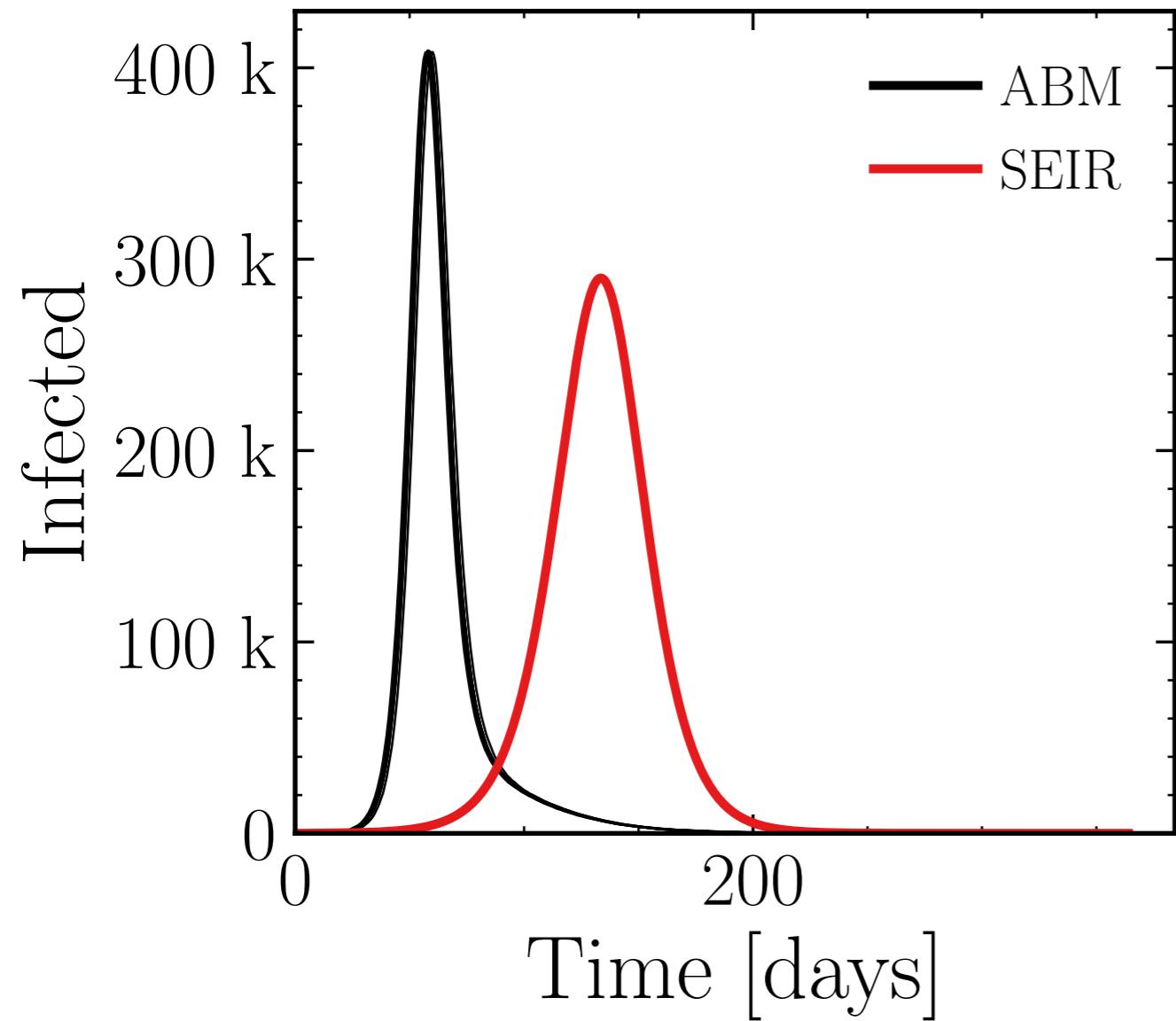
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (408.3 \pm 0.045\%) \cdot 10^3$

v. = 1.0, hash = ec321c667d, #10

$R_\infty^{\text{ABM}} = (2.504 \pm 0.042\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

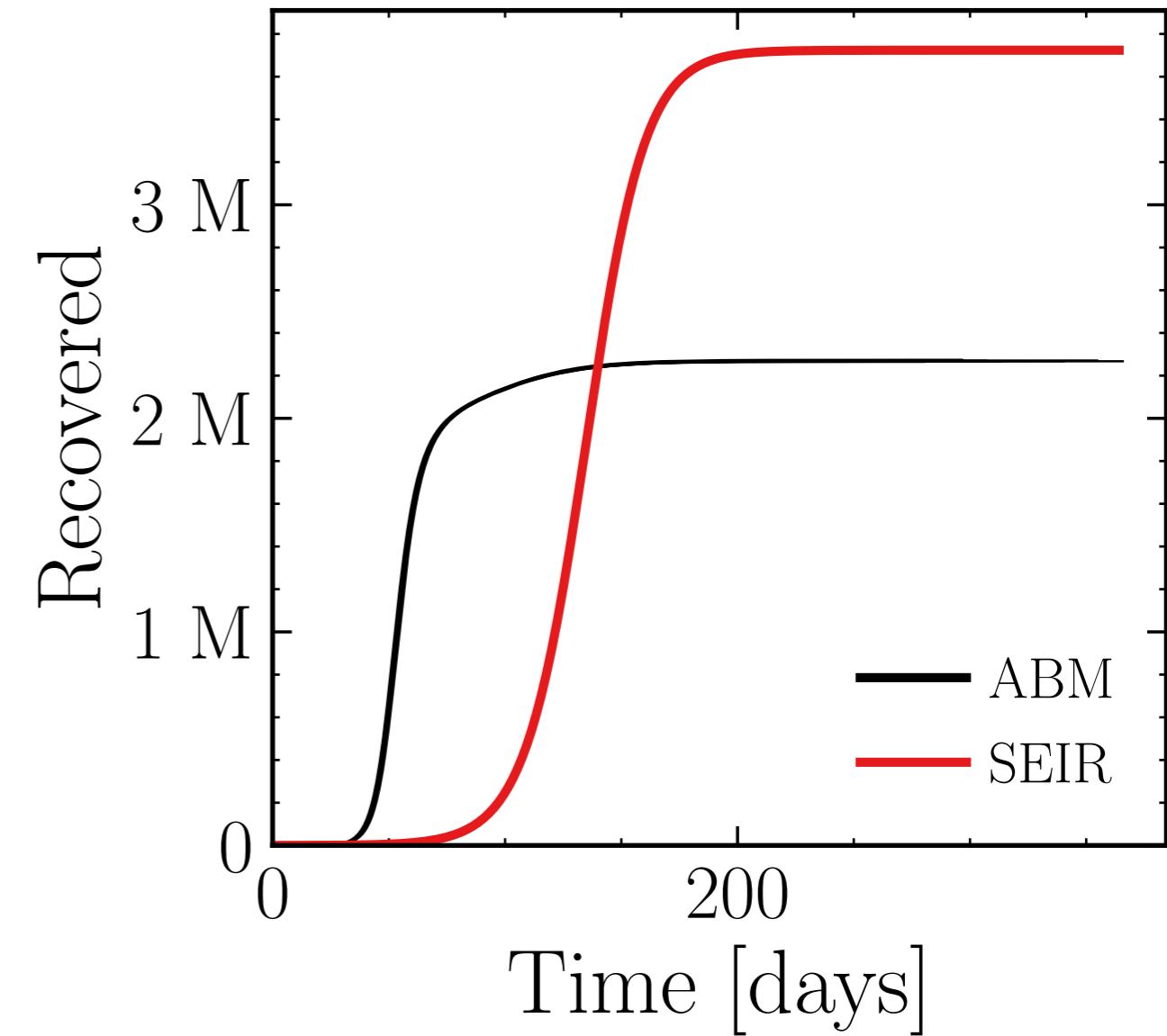
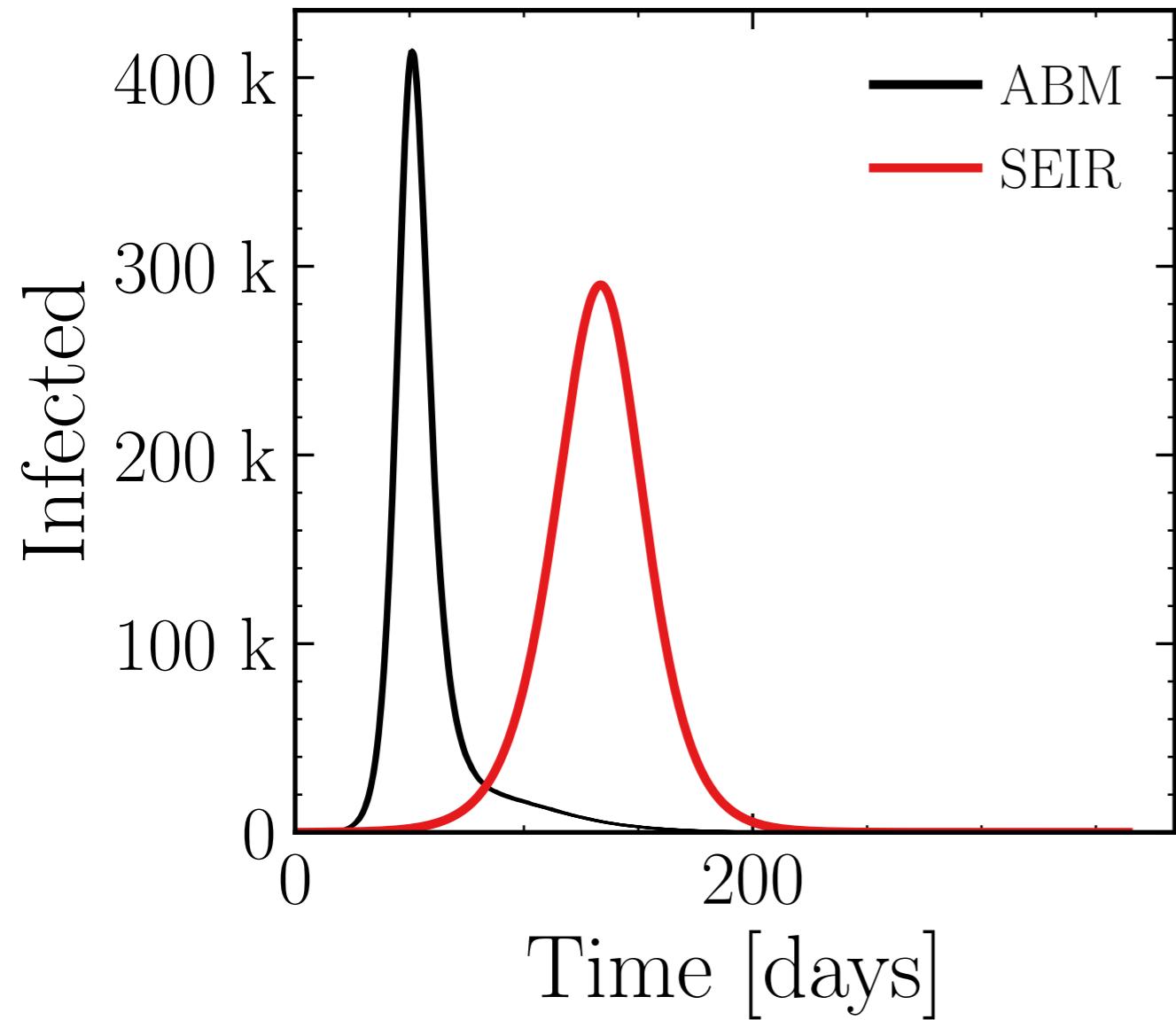
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (414.1 \pm 0.05\%) \cdot 10^3$

v. = 1.0, hash = 6932ab5e09, #10

$R_{\infty}^{\text{ABM}} = (2.2688 \pm 0.034\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

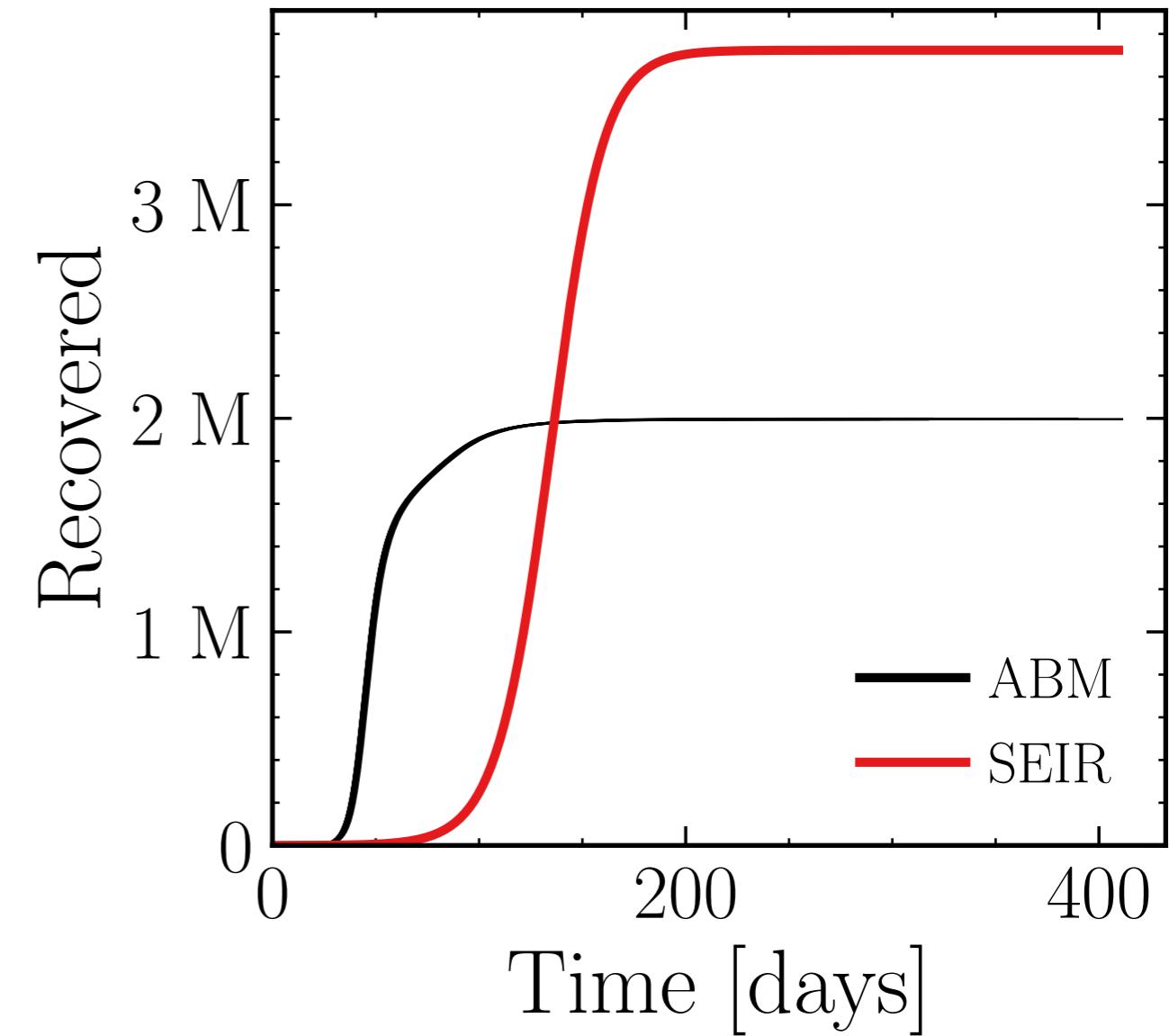
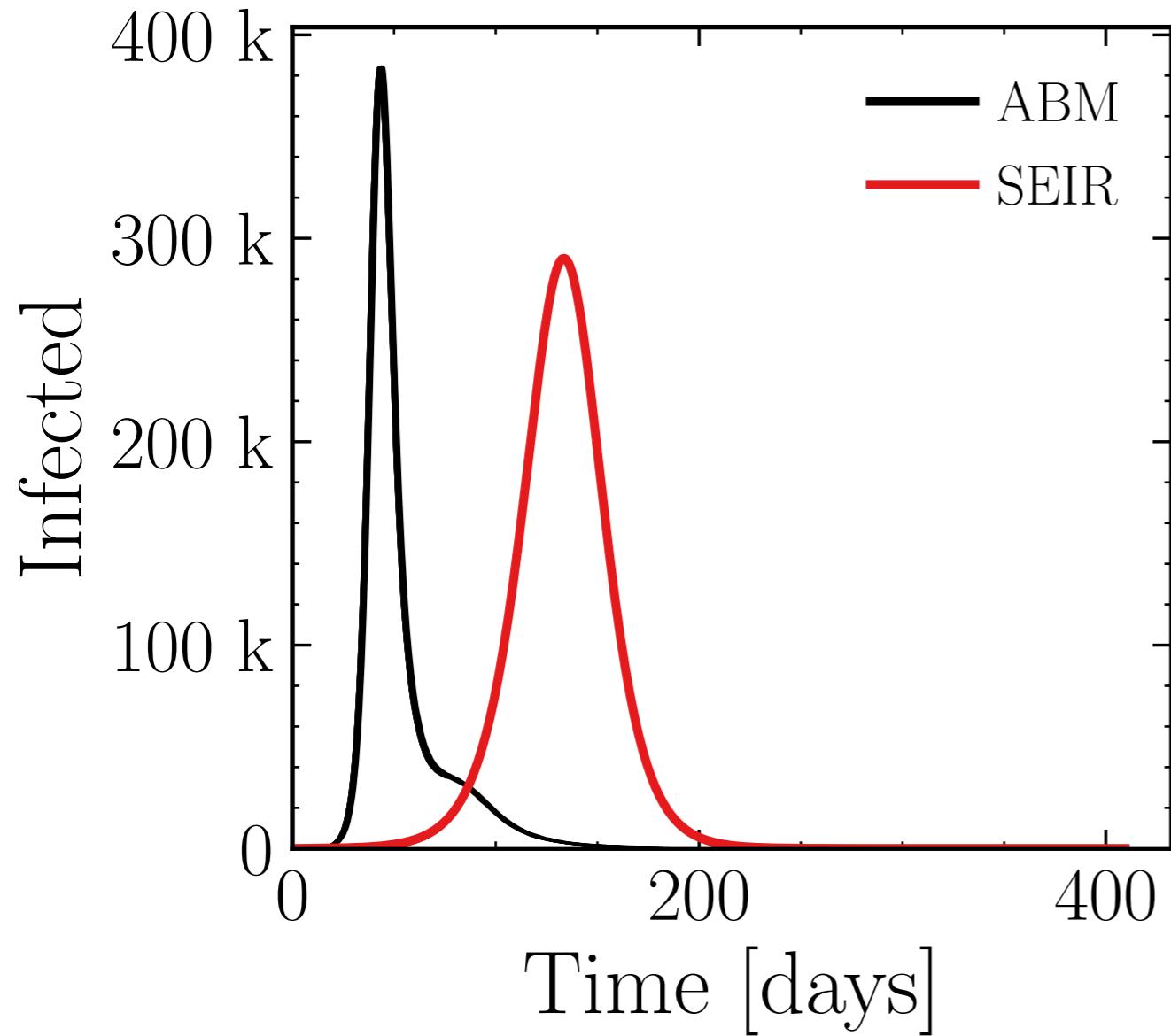
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (383.9 \pm 0.038\%) \cdot 10^3$

v. = 1.0, hash = a91f50ad49, #10

$R_\infty^{\text{ABM}} = (1.9965 \pm 0.02\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

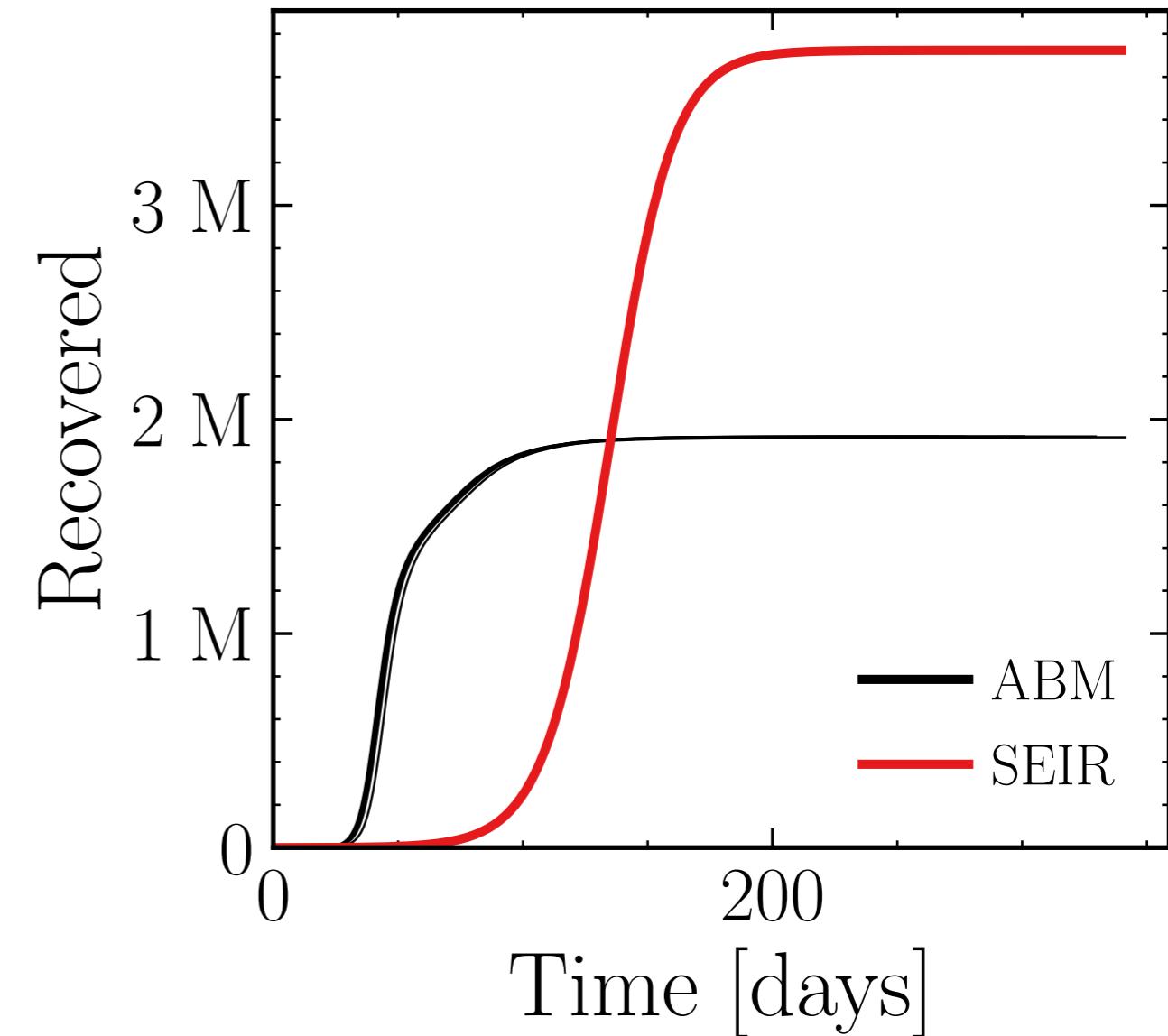
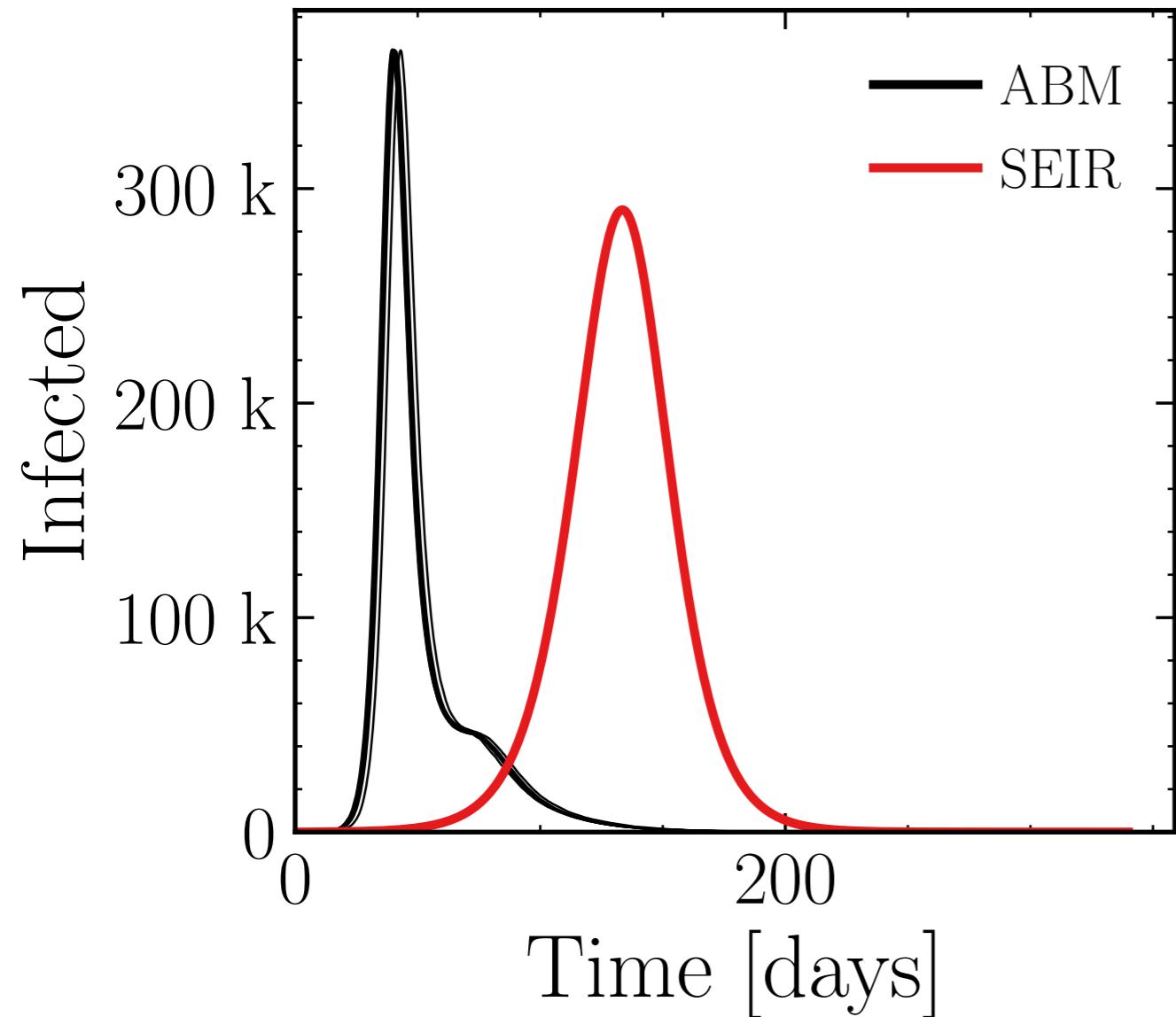
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (364.4 \pm 0.039\%) \cdot 10^3$

v. = 1.0, hash = a5c940b86b, #10

$R_\infty^{\text{ABM}} = (1.918 \pm 0.033\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

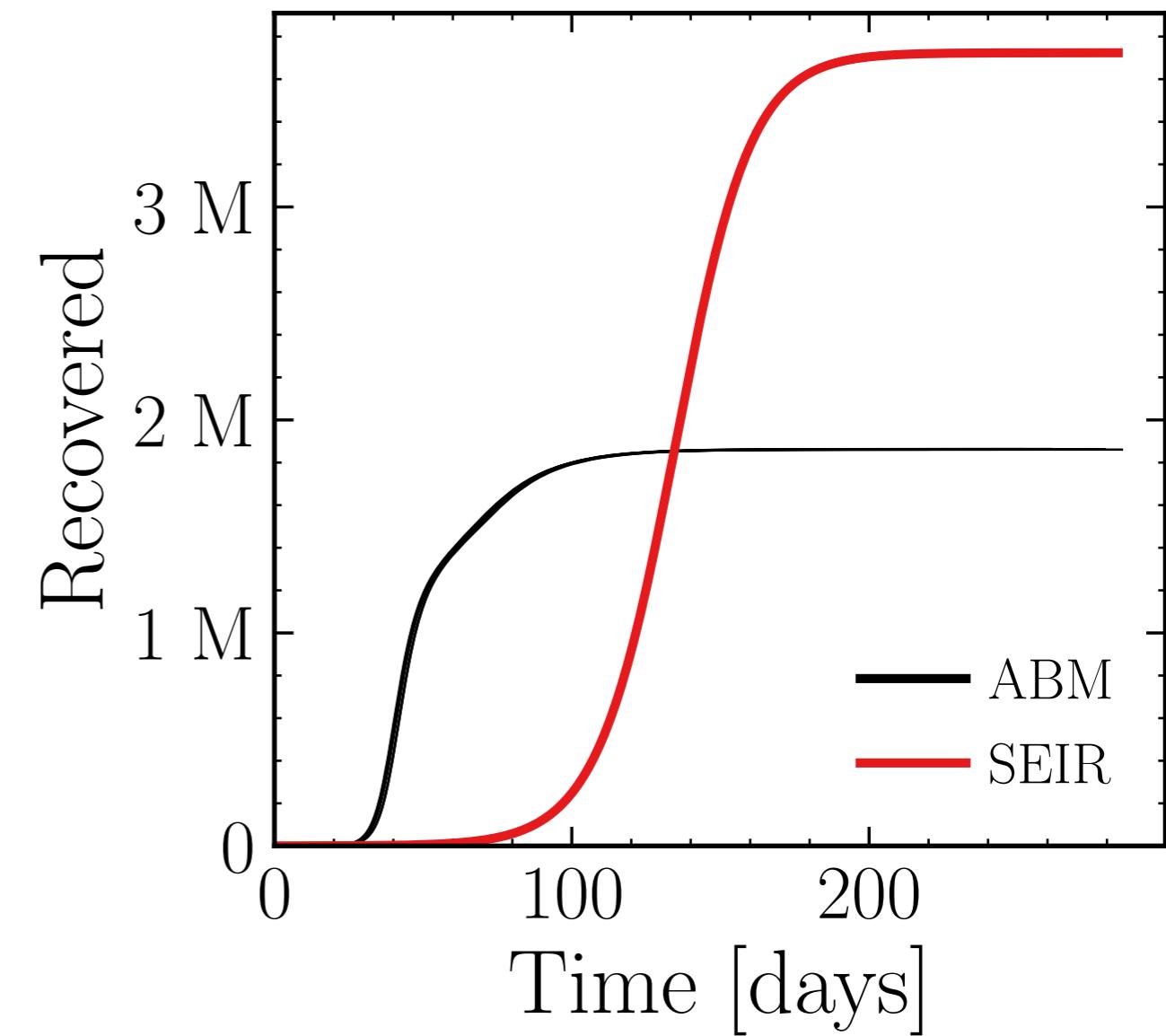
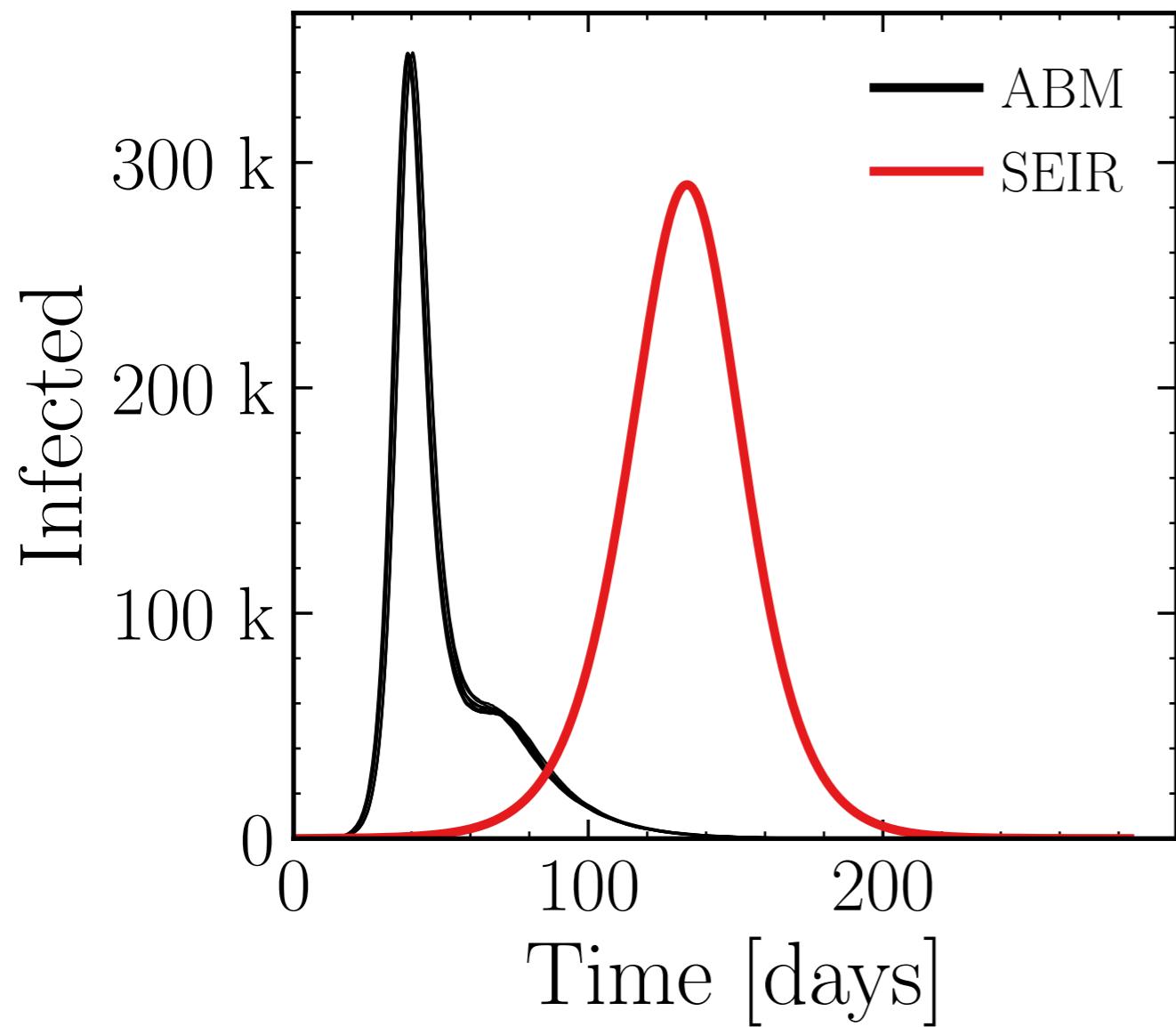
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (348 \pm 0.051\%) \cdot 10^3$

v. = 1.0, hash = a77df9ad74, #10

$R_\infty^{\text{ABM}} = (1.8619 \pm 0.018\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

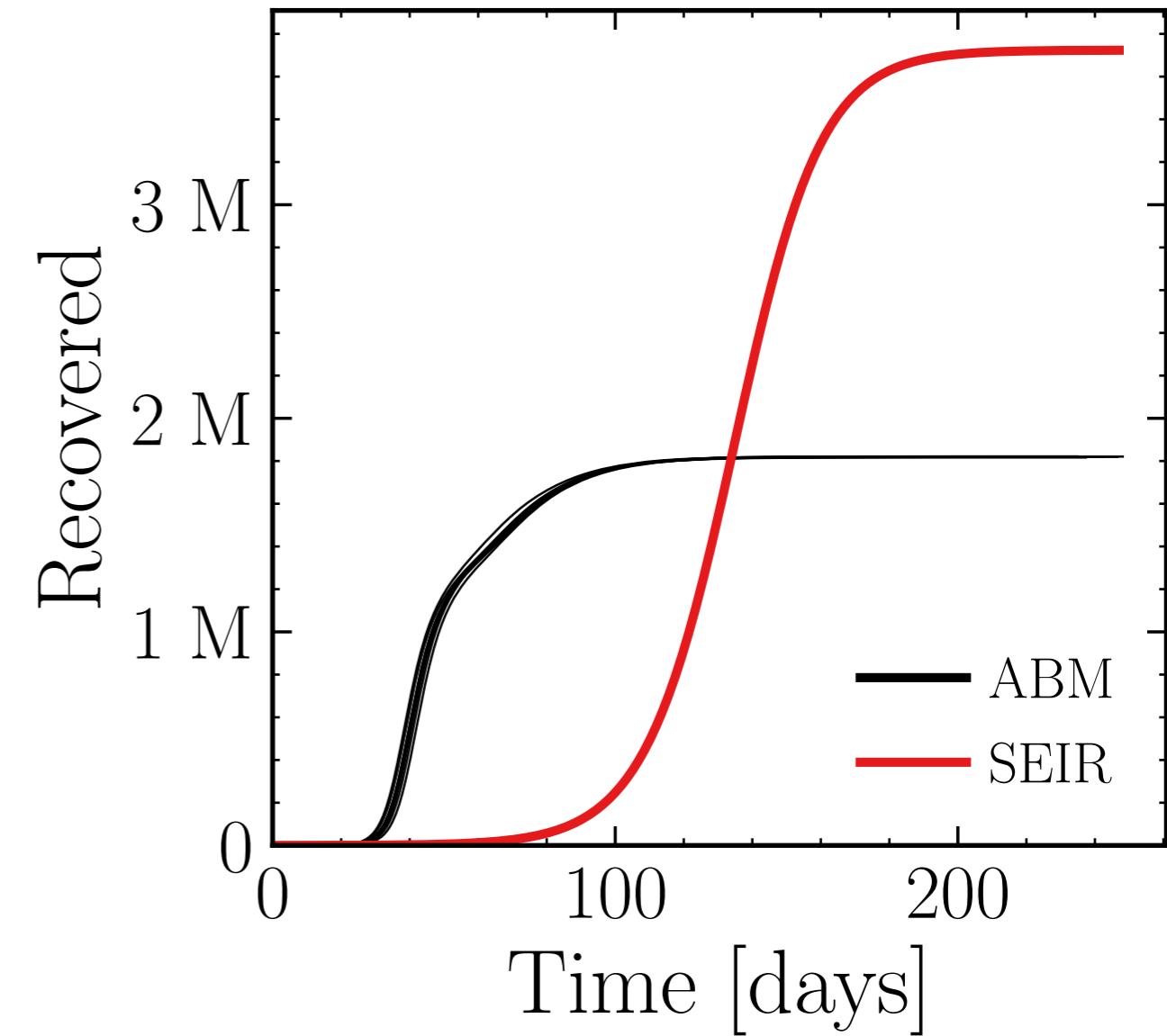
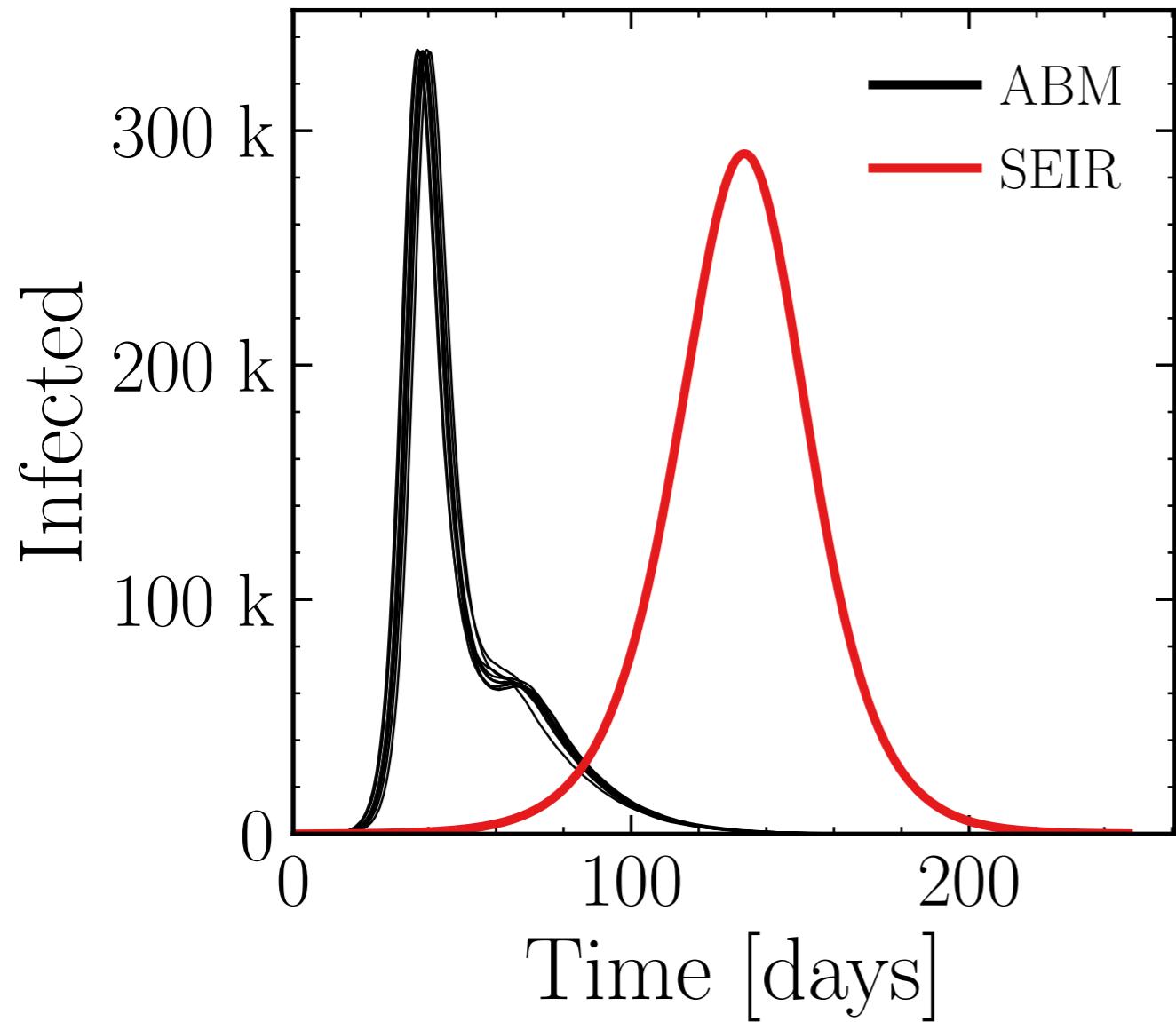
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (333.7 \pm 0.047\%) \cdot 10^3$

v. = 1.0, hash = 30f2c46176, #10

$R_\infty^{\text{ABM}} = (1.8196 \pm 0.022\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

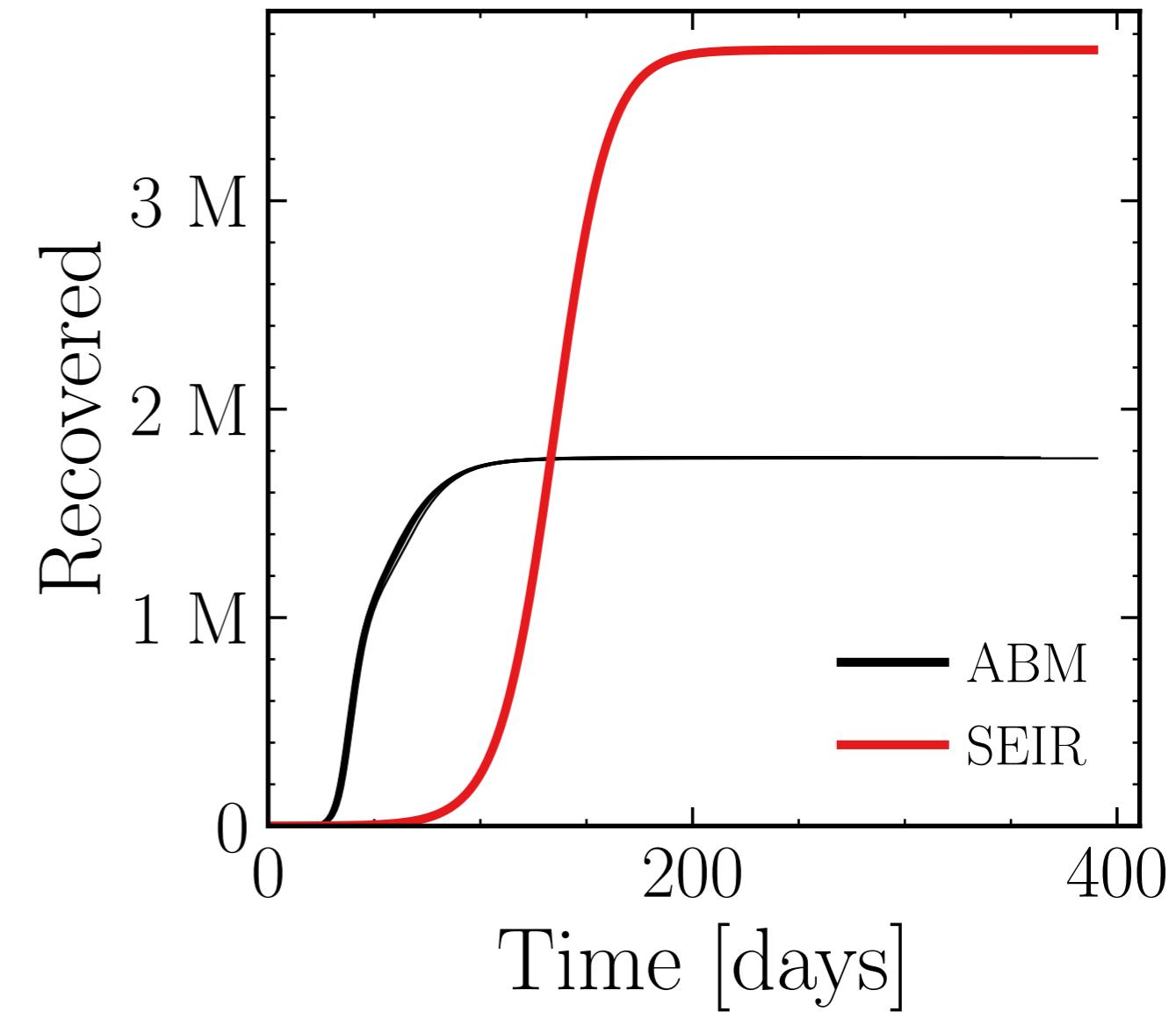
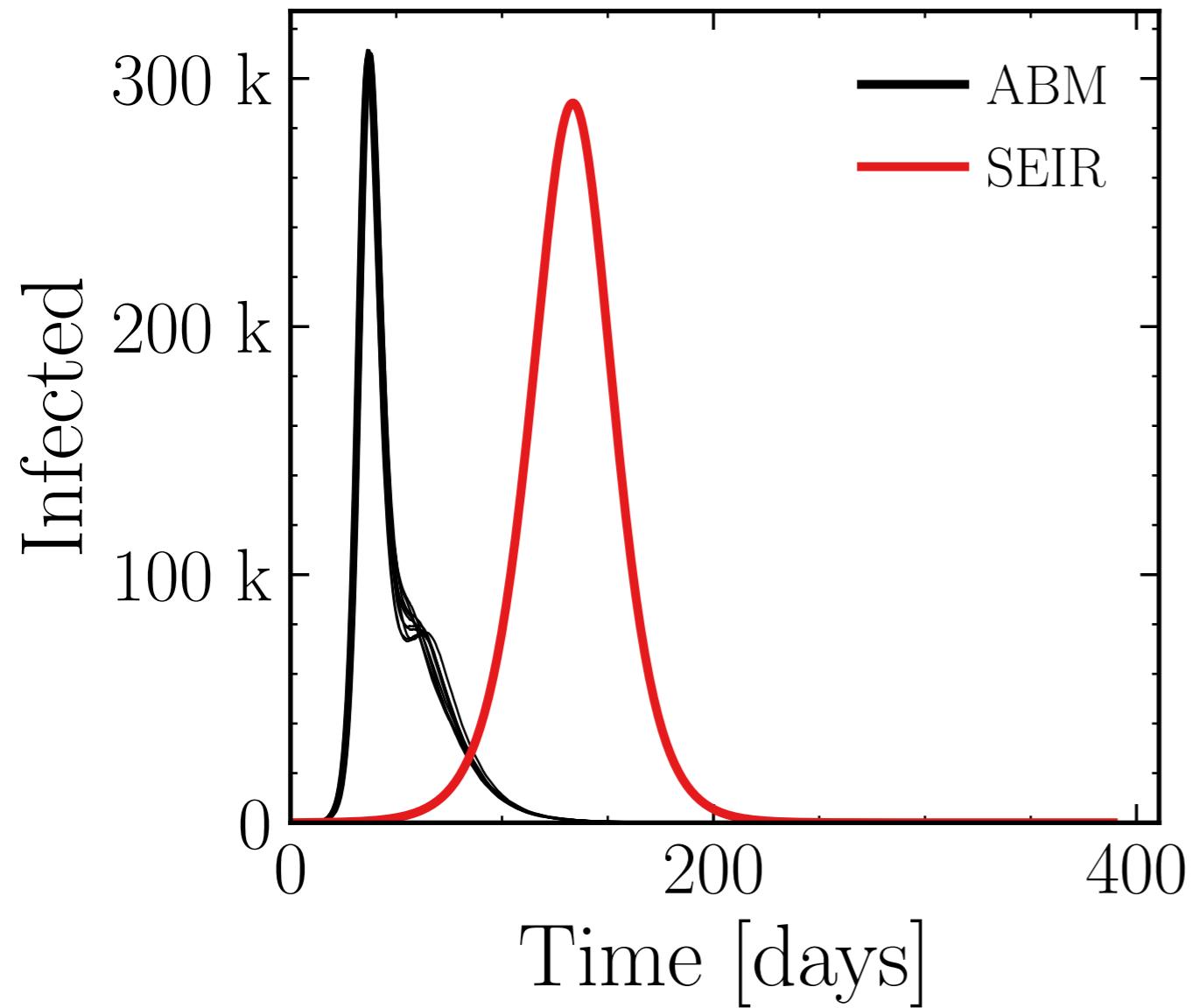
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (310 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 7e51146dd6, #10

$R_\infty^{\text{ABM}} = (1.7672 \pm 0.039\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

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

$N_{\text{events}} = 0$, event_{size_{max}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0

$I_{\text{max}}^{\text{ABM}} = (291.7 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 22ed752295, #10

$R_{\infty}^{\text{ABM}} = (1.7487 \pm 0.032\%) \cdot 10^6$

