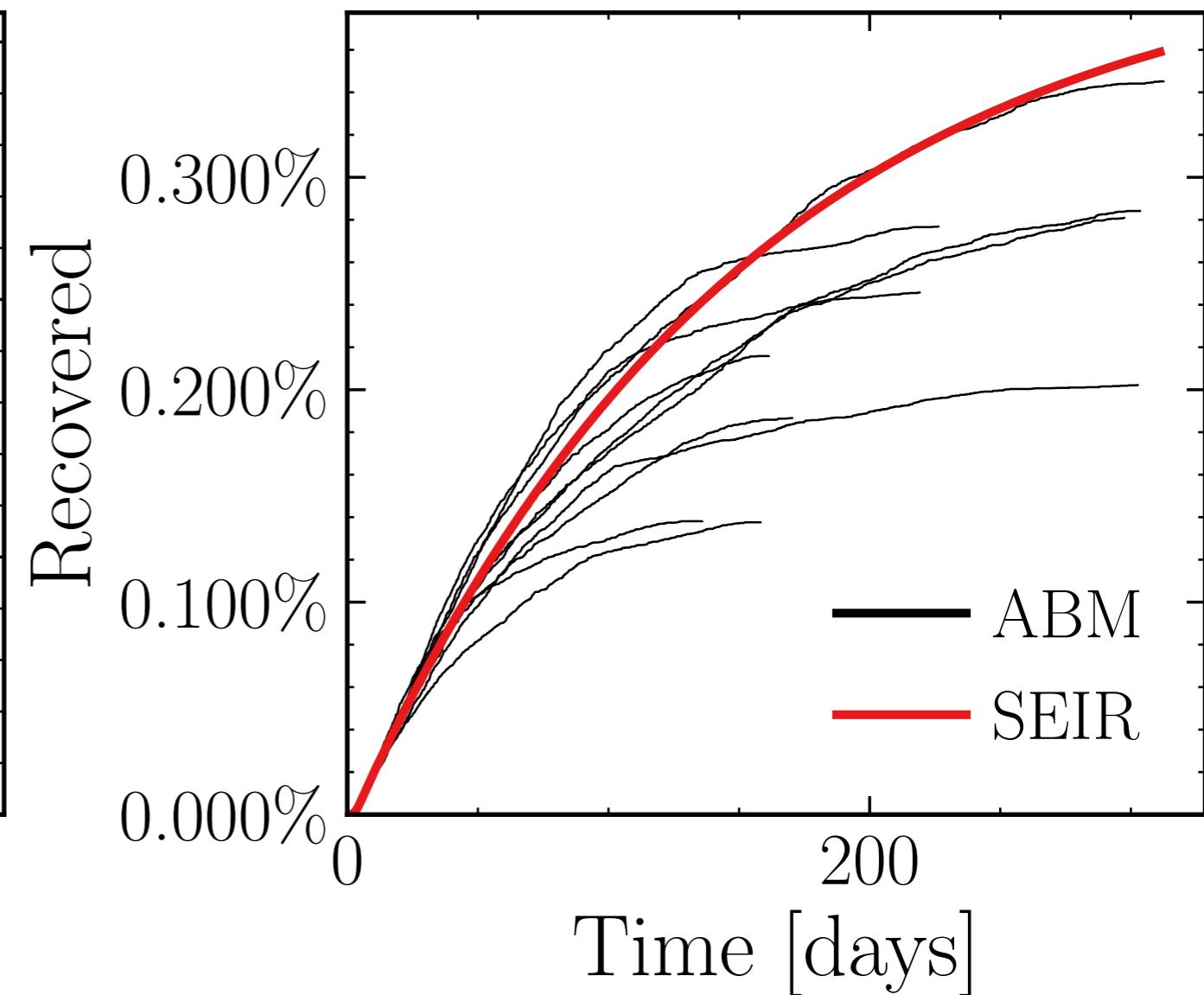
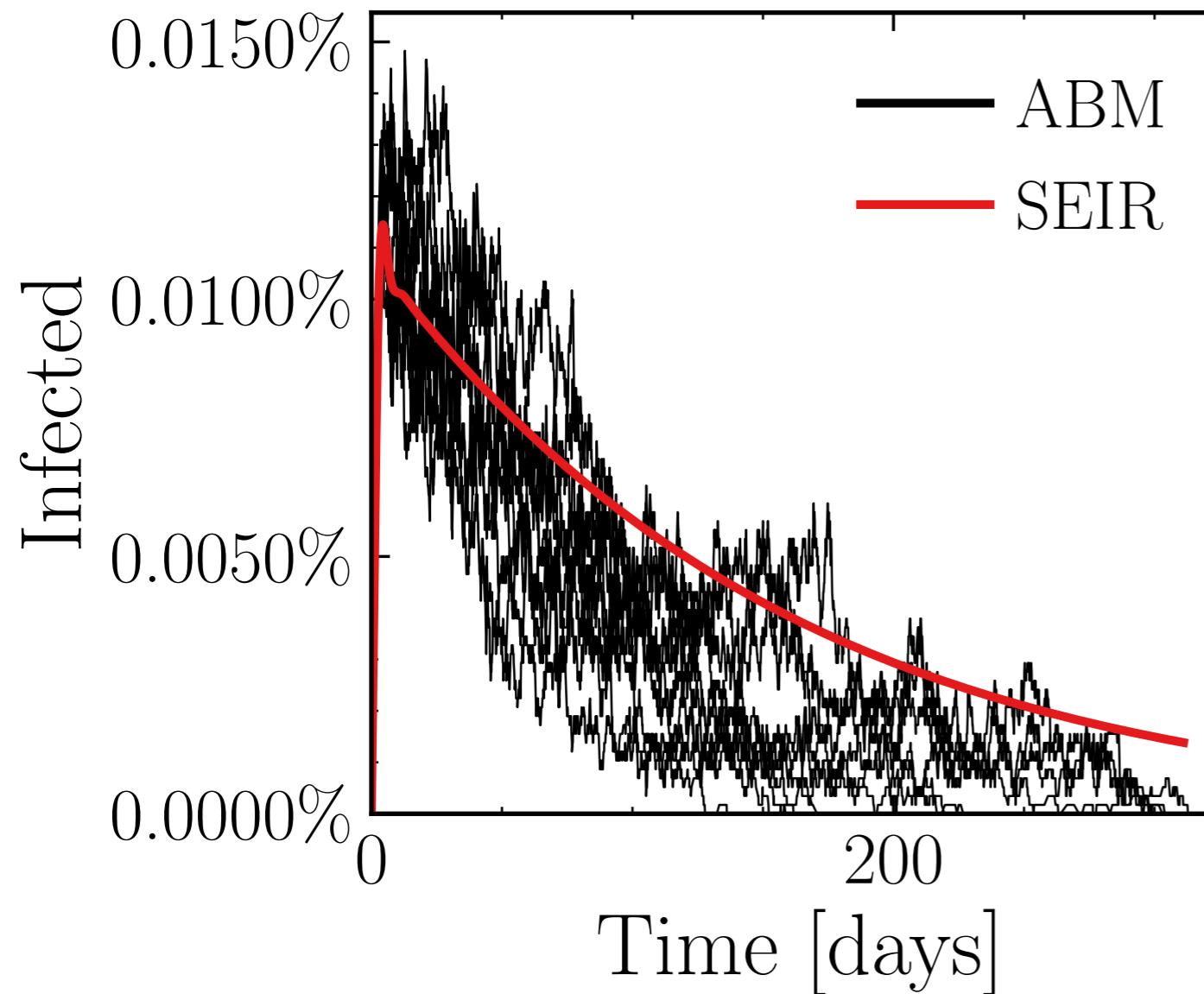


$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (75 \pm 2.7\%)$. v. = 1.0, hash = 8990e9af83, #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, $N_{\text{init}} = 100$

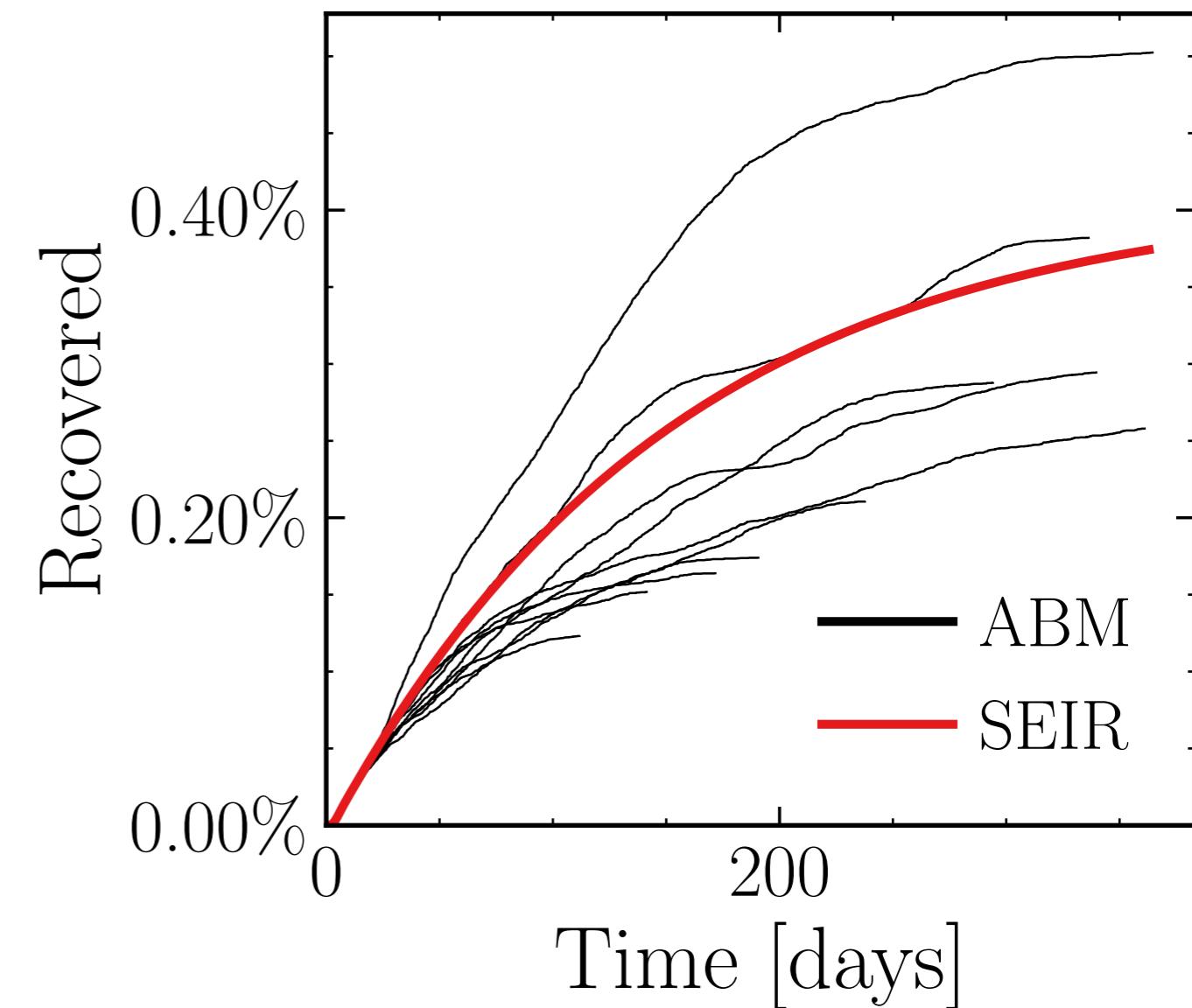
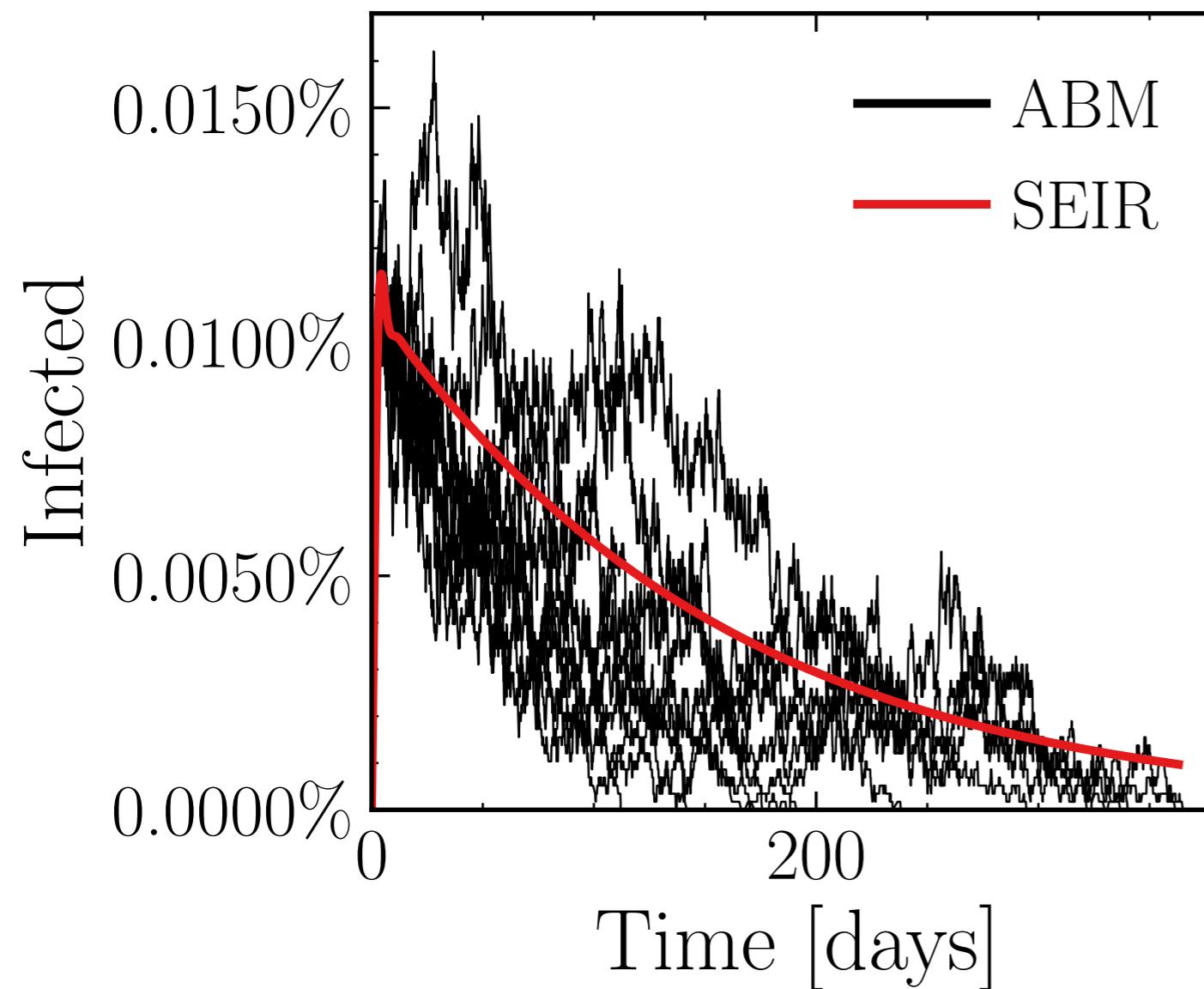
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (72 \pm 3.7\%)$.

v. = 1.0, hash = e8618c9b10, #10

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



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

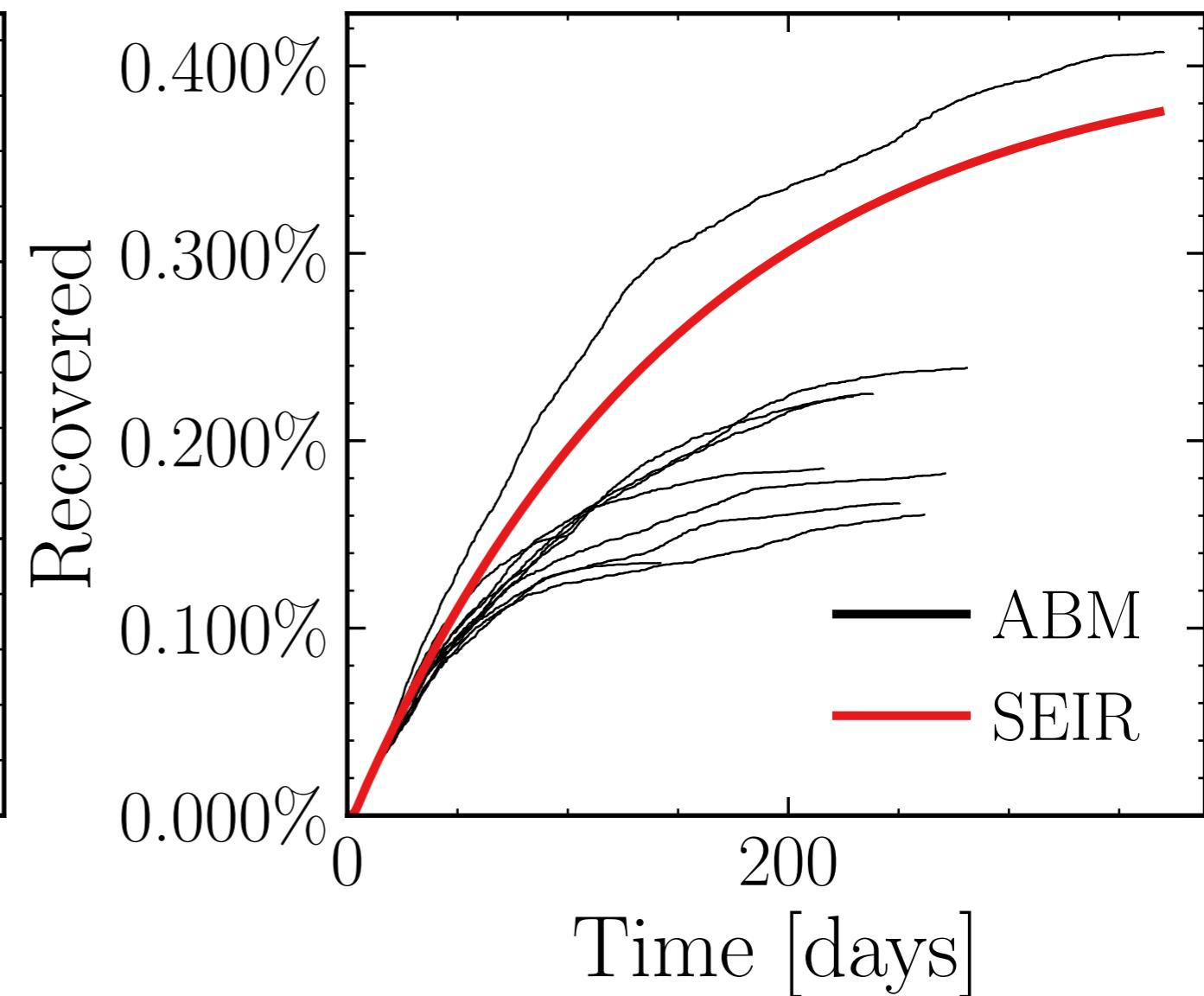
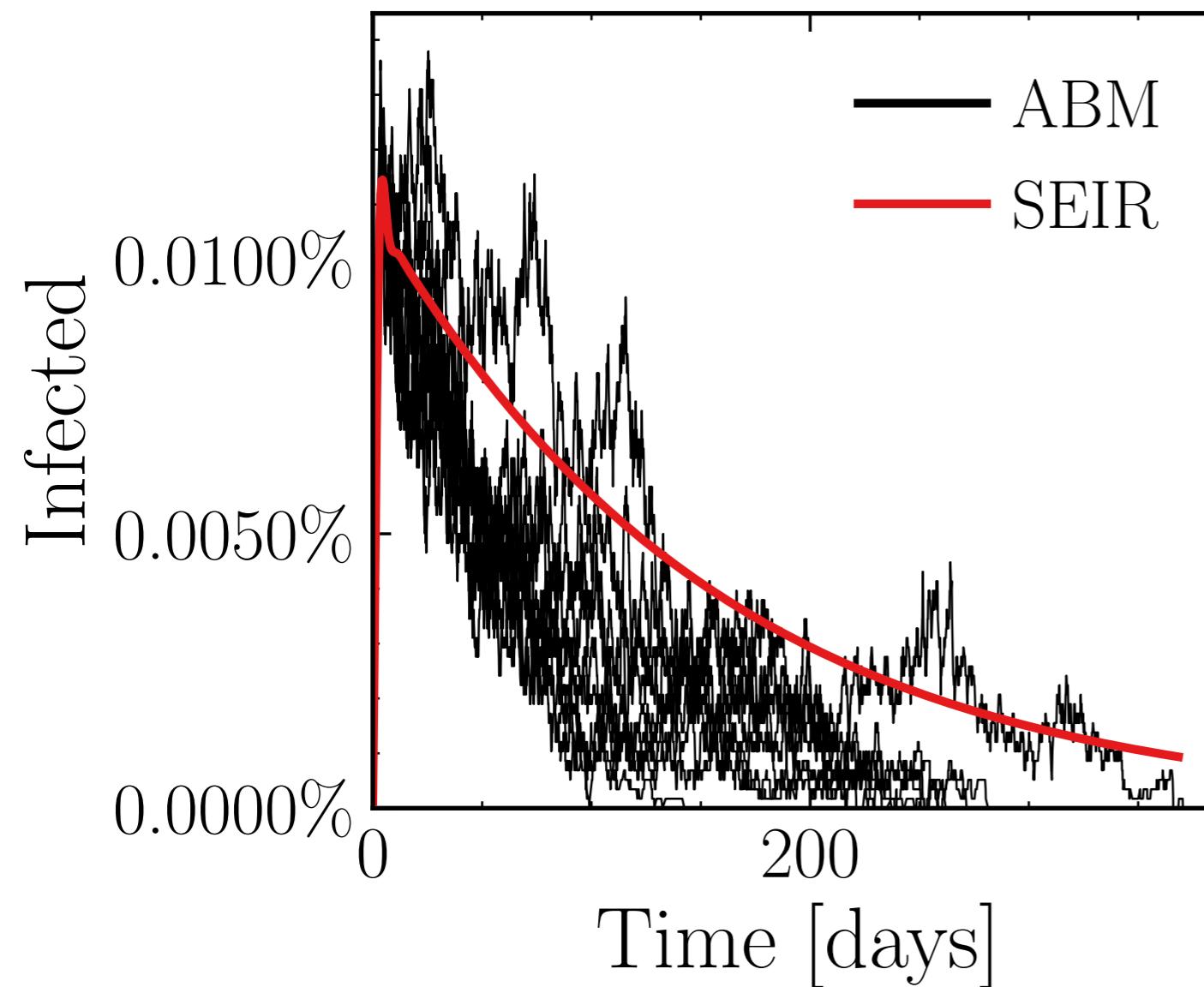
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (72 \pm 2.0\%)$.

v. = 1.0, hash = 6a1f328bf2, #10

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



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

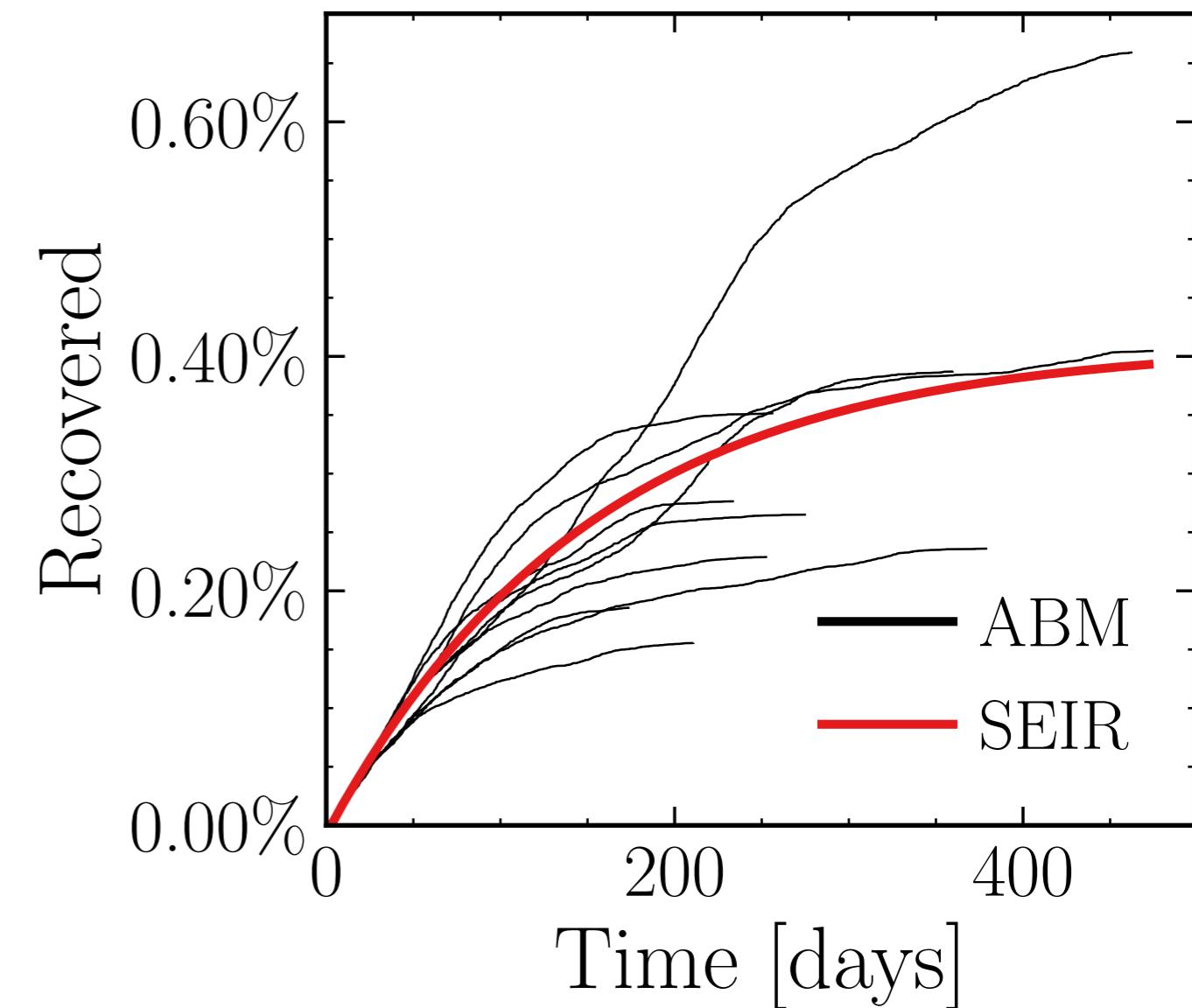
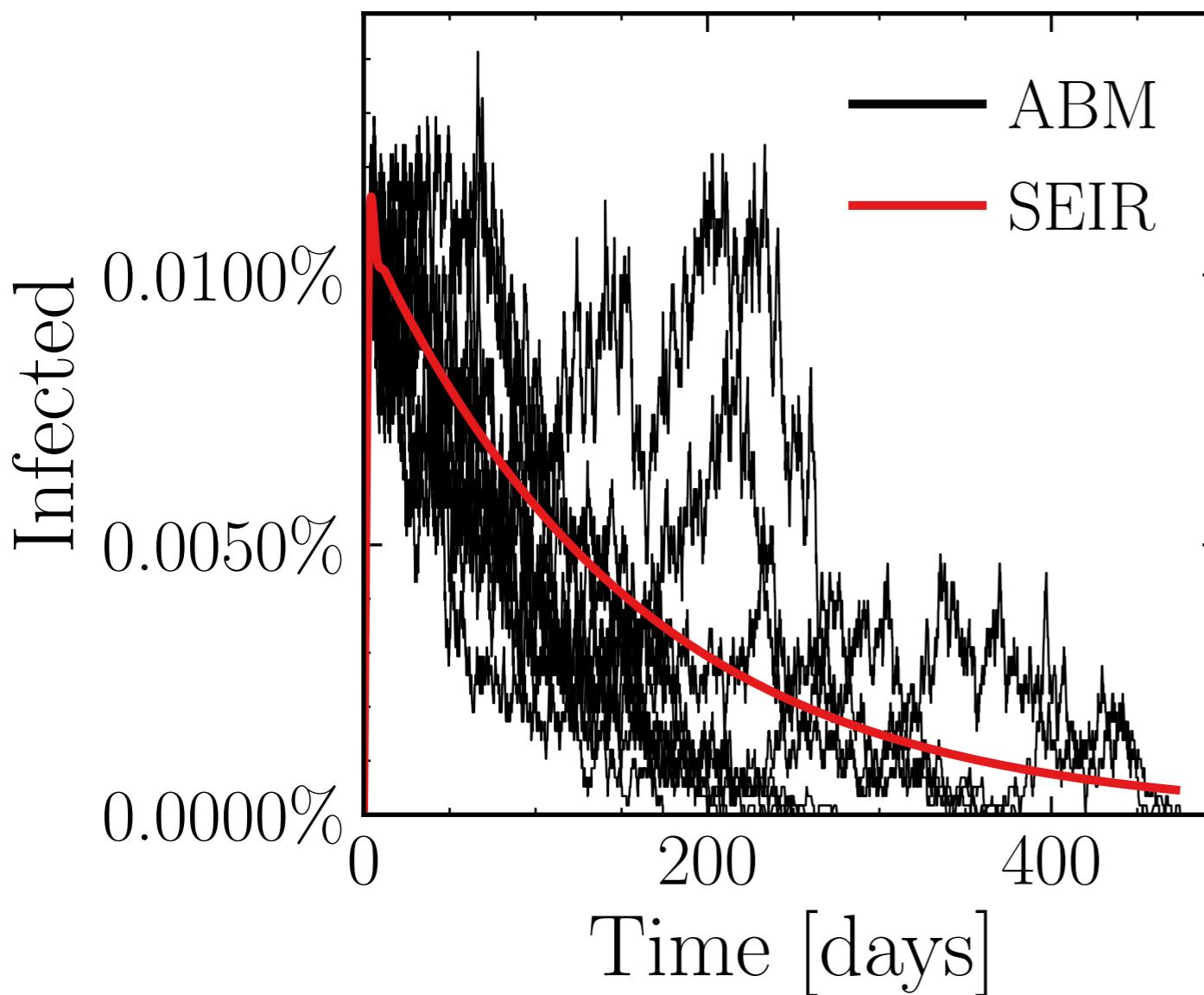
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

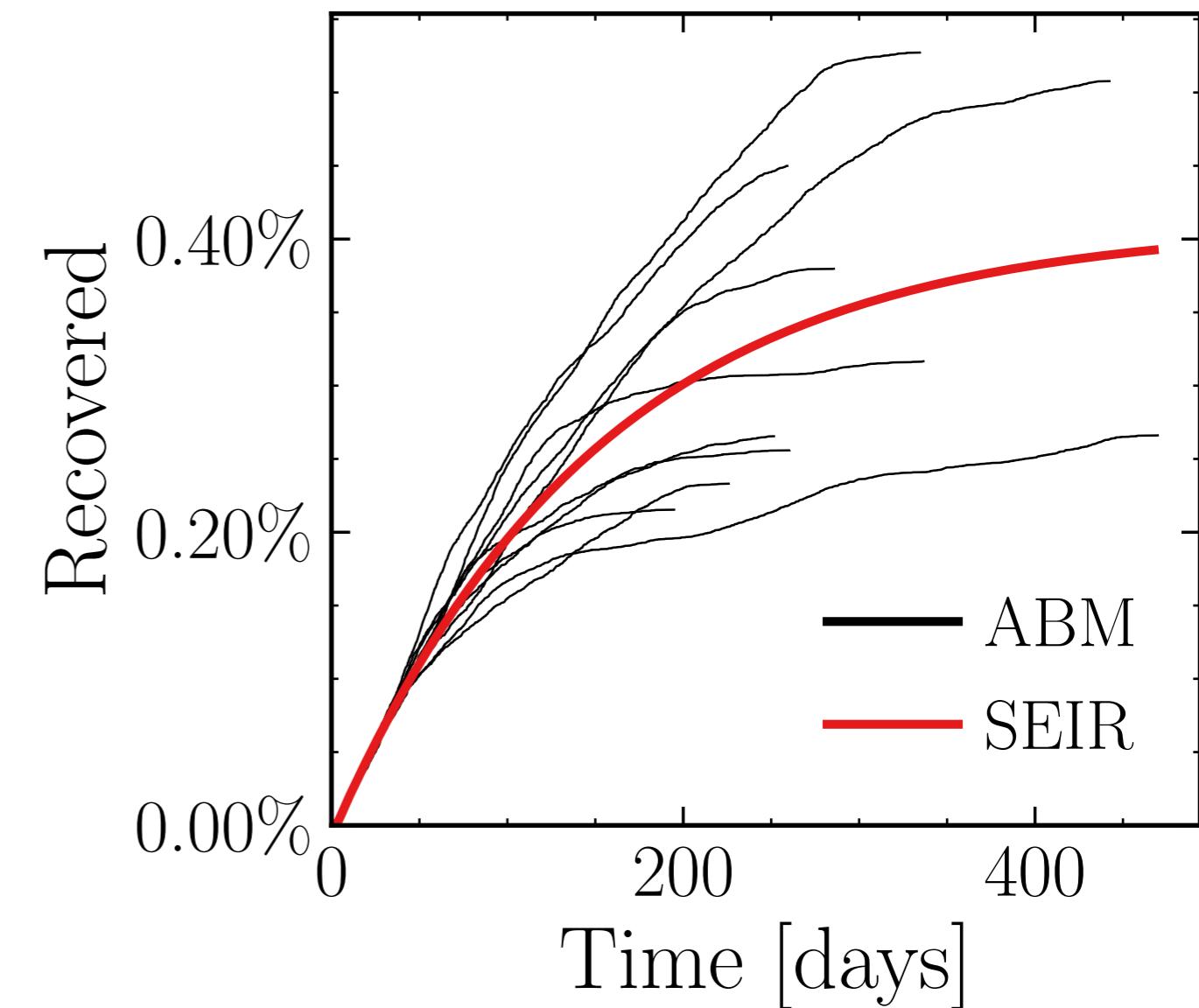
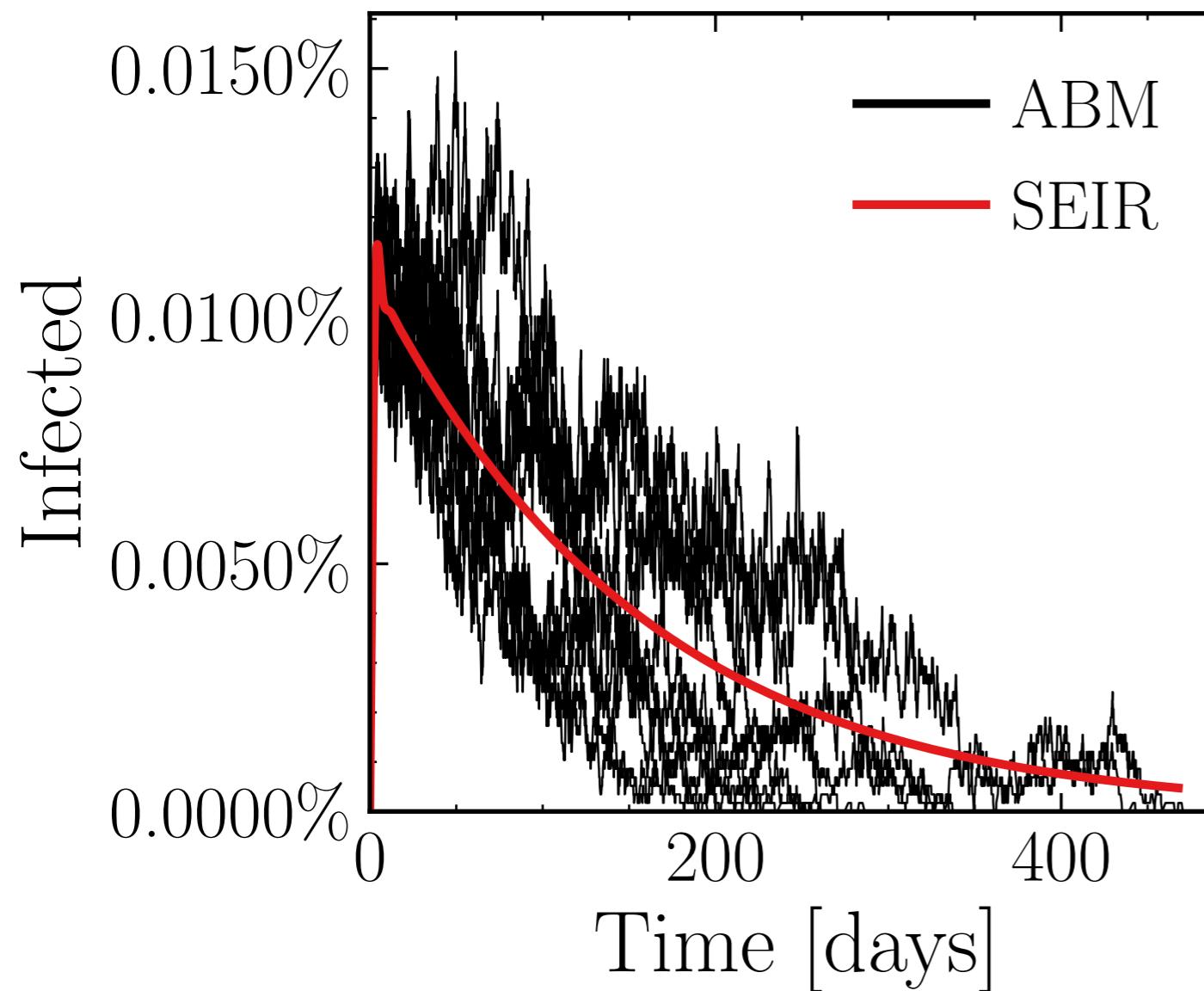
$I_{\text{peak}}^{\text{ABM}} = (72 \pm 2.1\%)$.

v. = 1.0, hash = a1b4b28ec9, #10

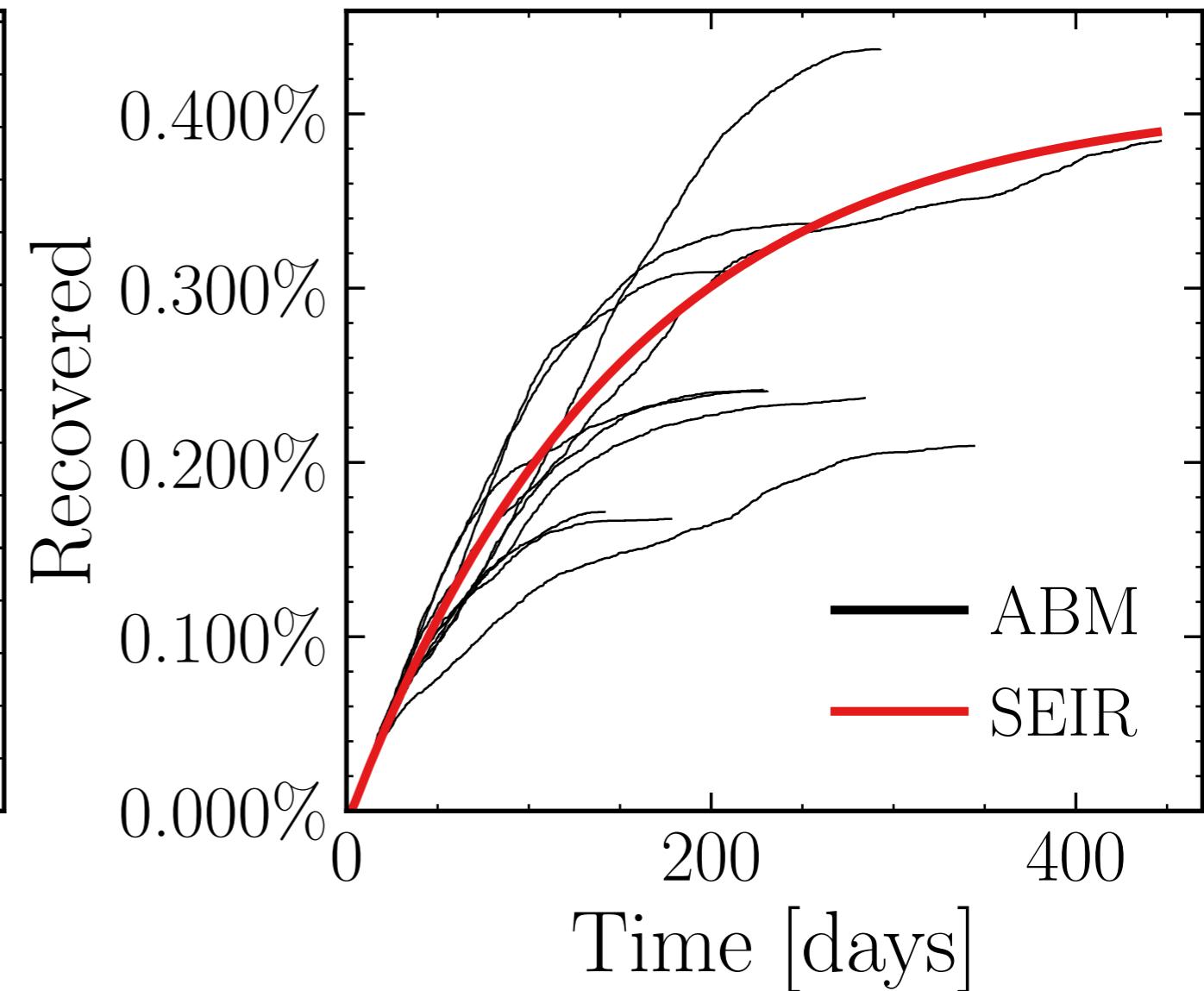
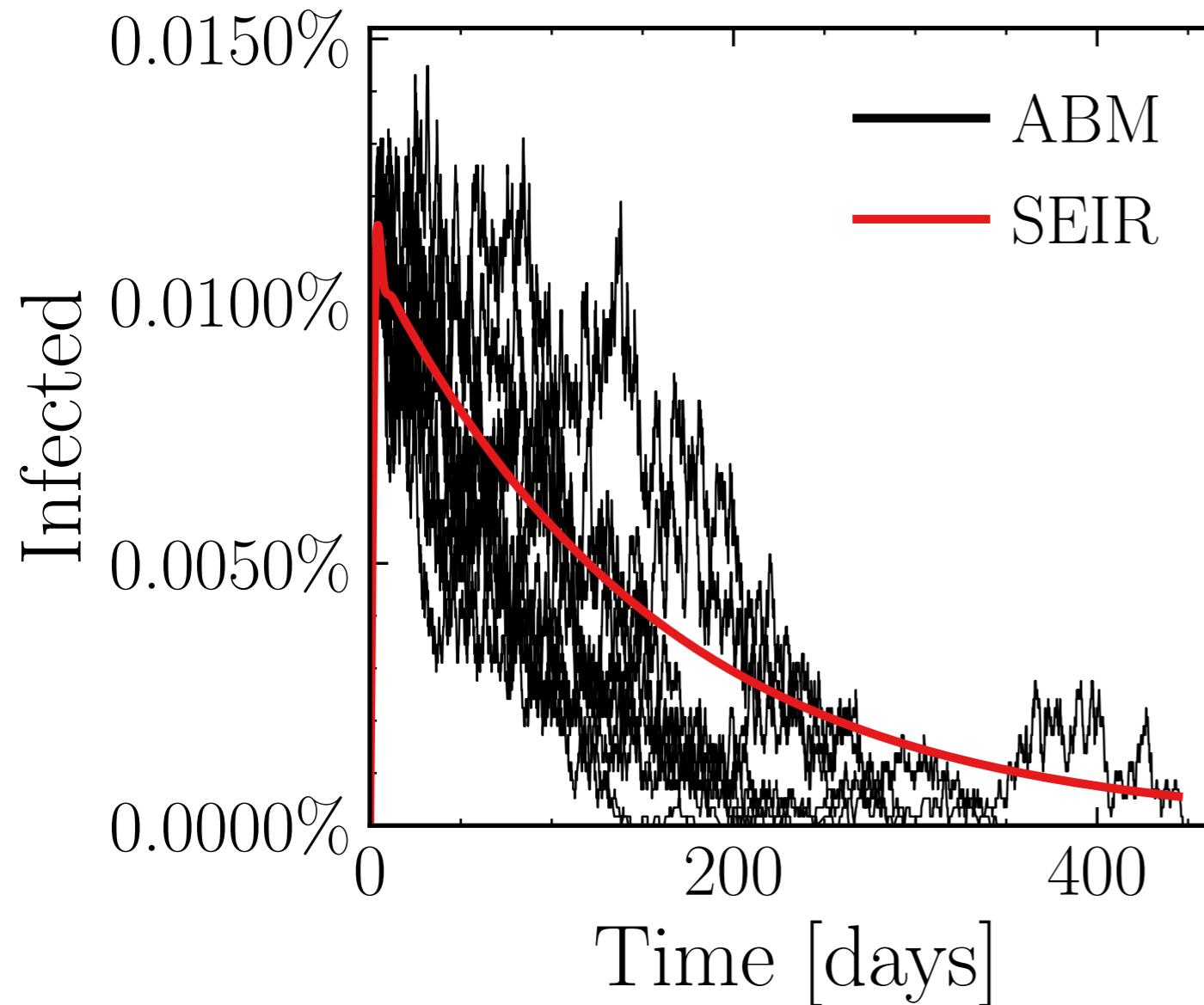
$R_\infty^{\text{ABM}} = (1.8 \pm 1.4e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 500$, event_{size_{peak}} = 50, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (77 \pm 2.4\%)$. v. = 1.0, hash = e0fdc06de1, #10 $R_{\infty}^{\text{ABM}} = (2 \pm 1e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 500$, event_{size_{peak}} = 20, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (74 \pm 1.9\%)$. v. = 1.0, hash = bdf8f8c82b, #10 $R_\infty^{\text{ABM}} = (1.6 \pm 9.9\%) \cdot 10^3$



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

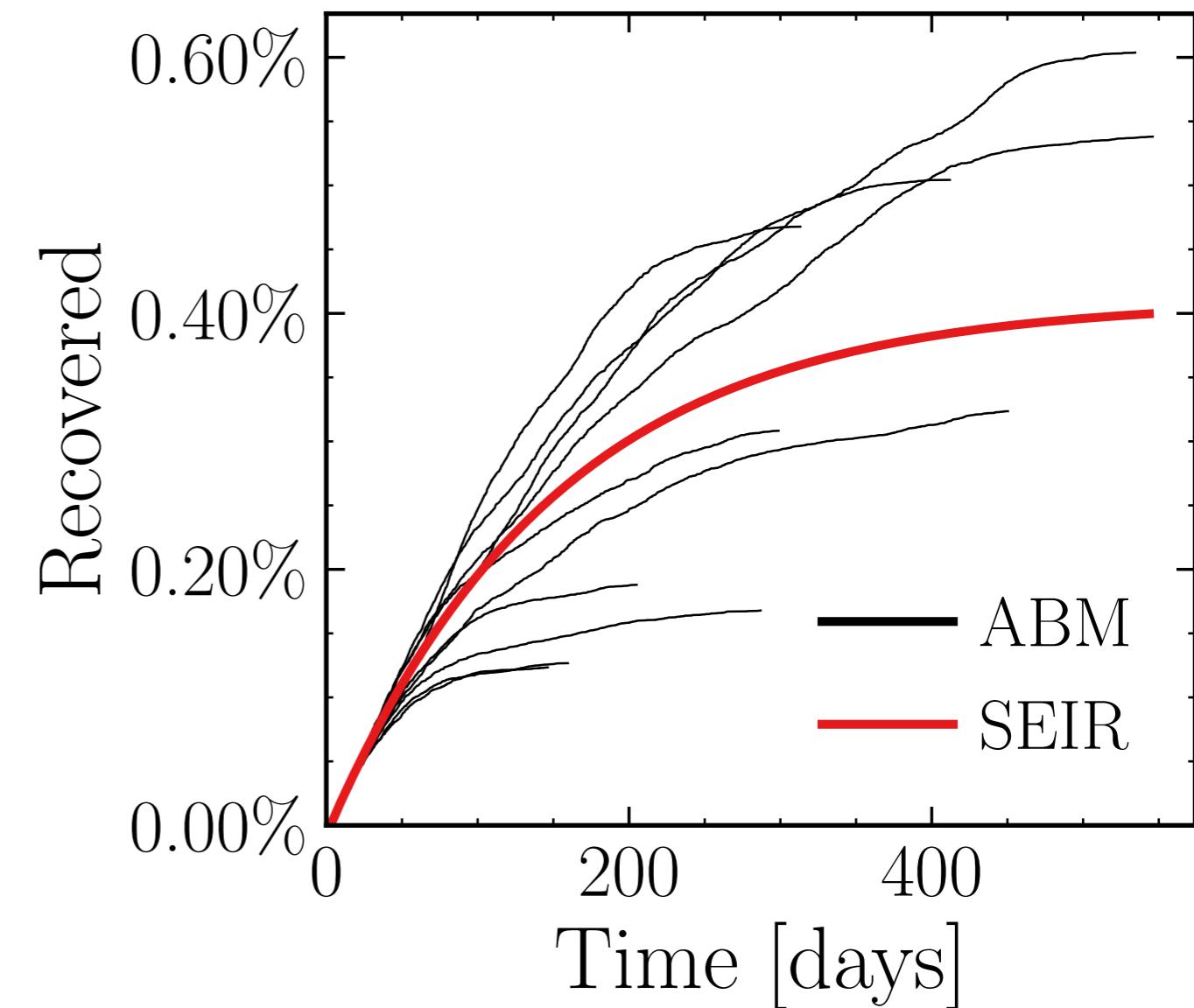
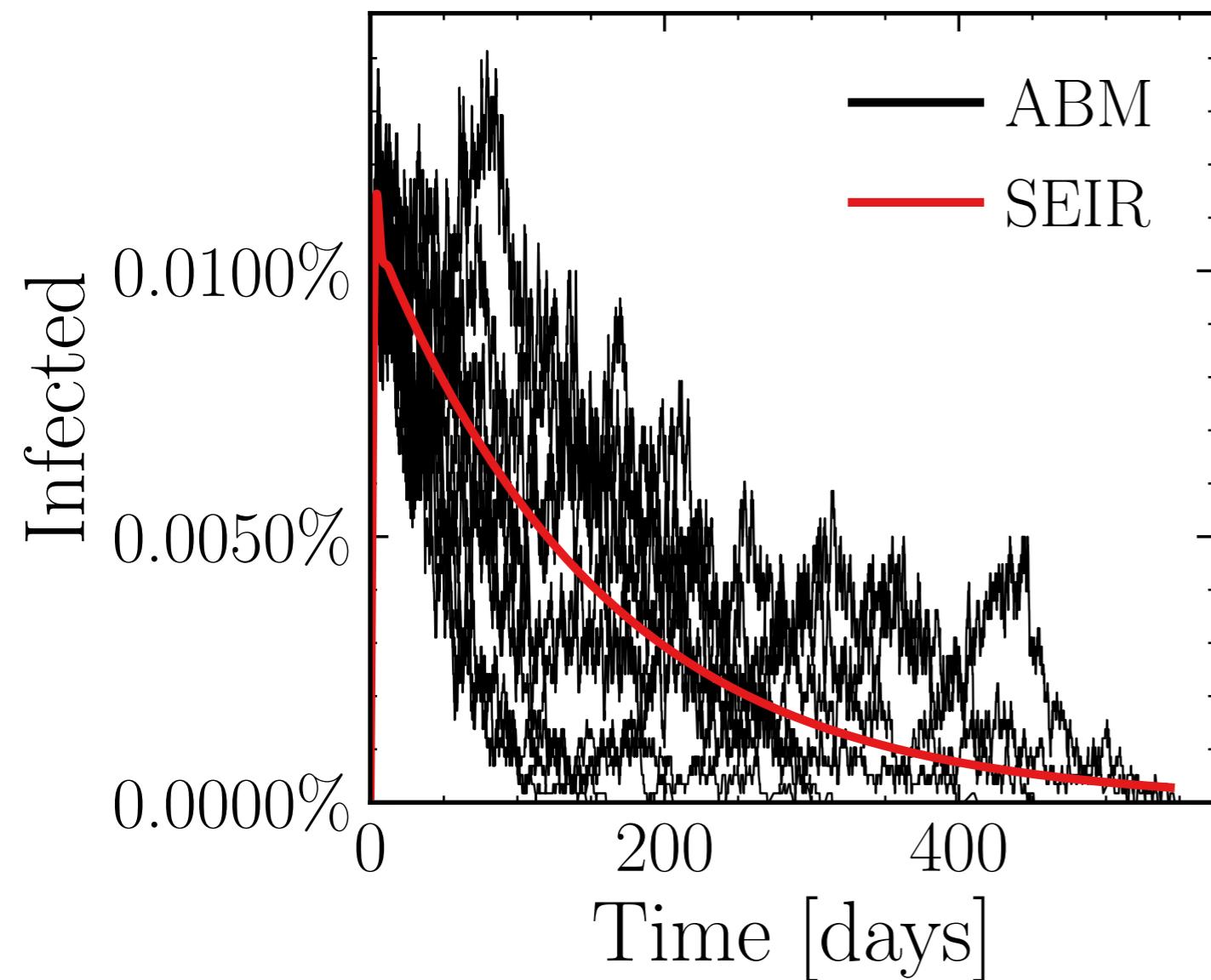
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = dafae82783, #10

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



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

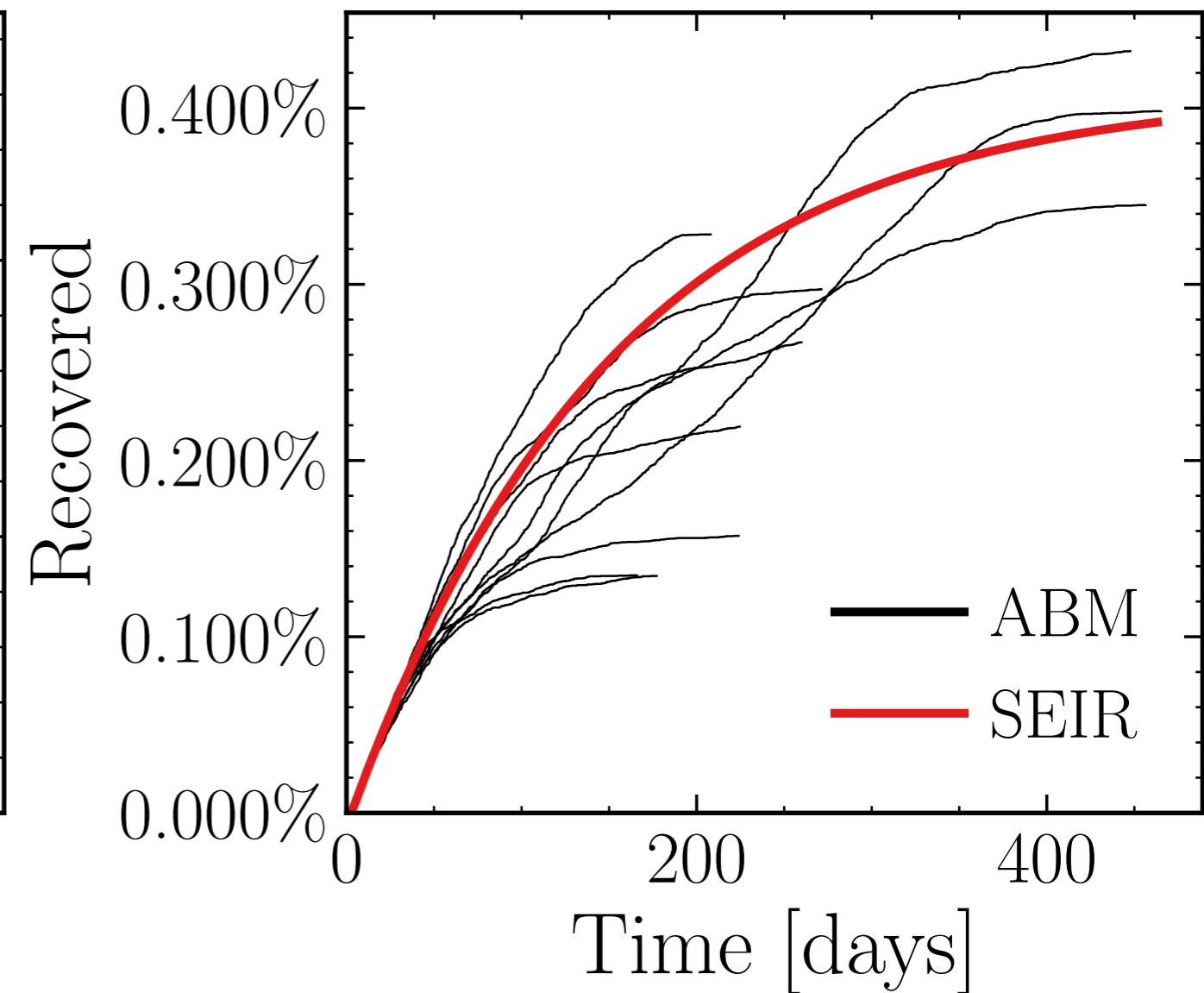
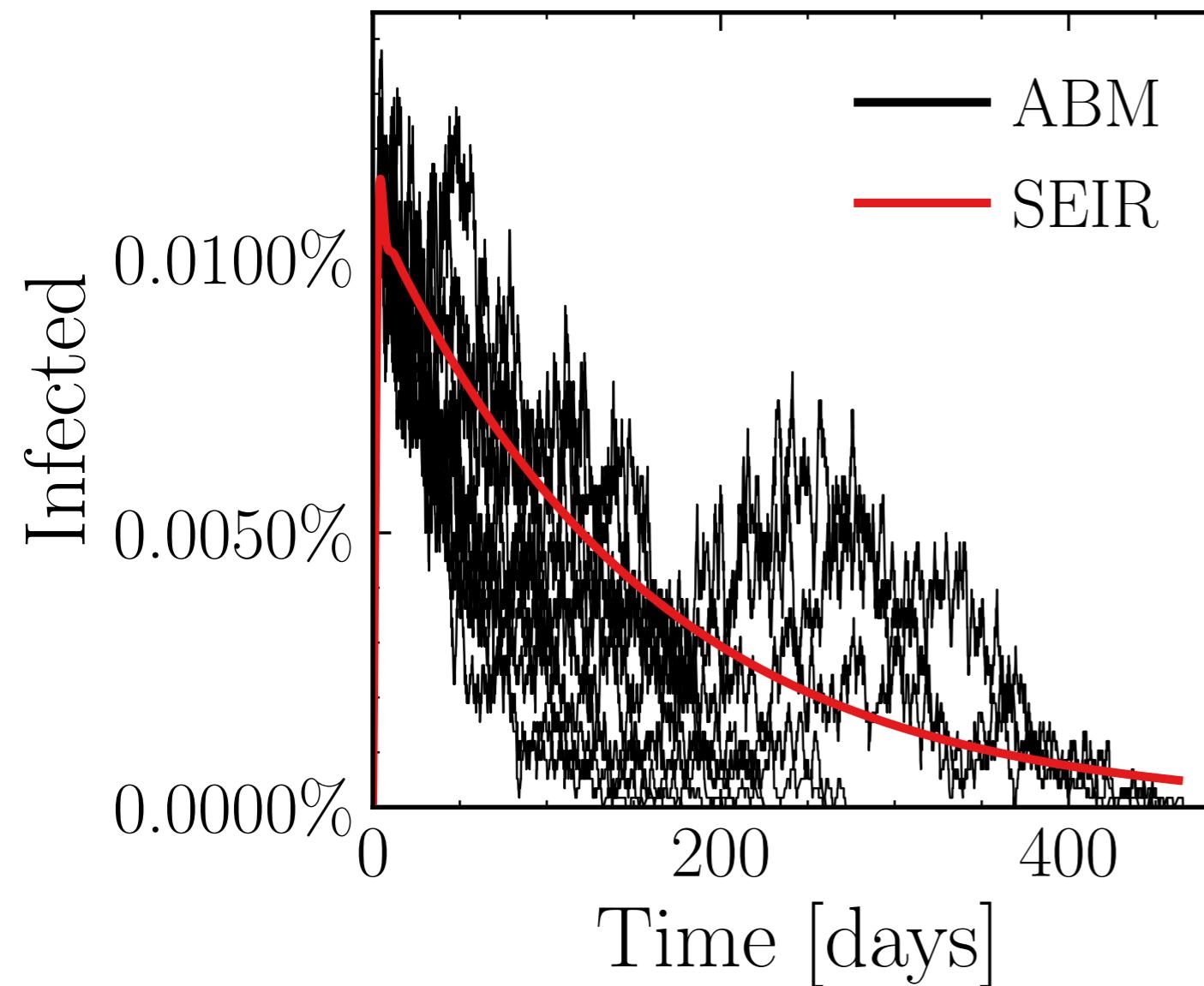
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 8085d2d29d, #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, $N_{\text{init}} = 100$

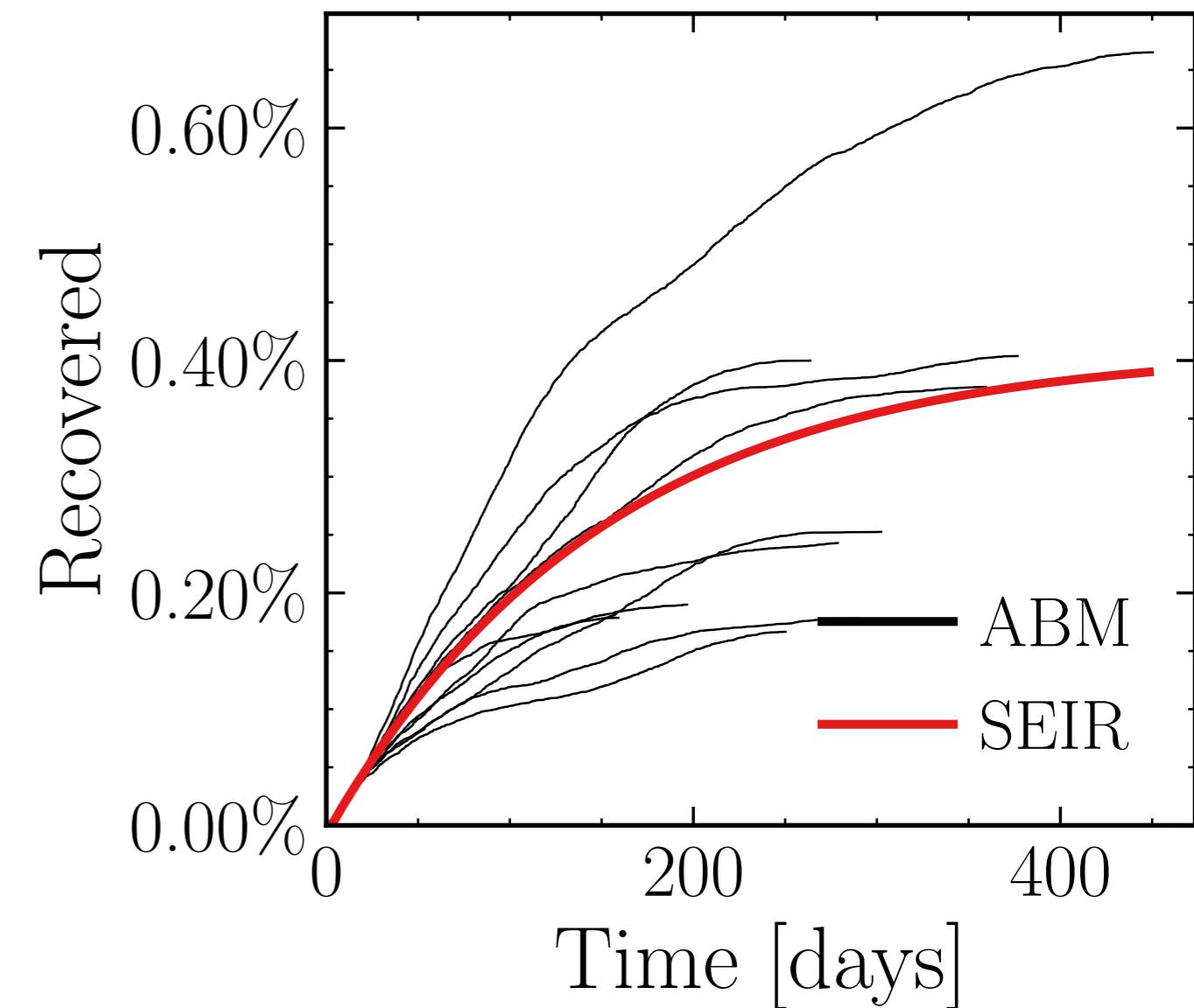
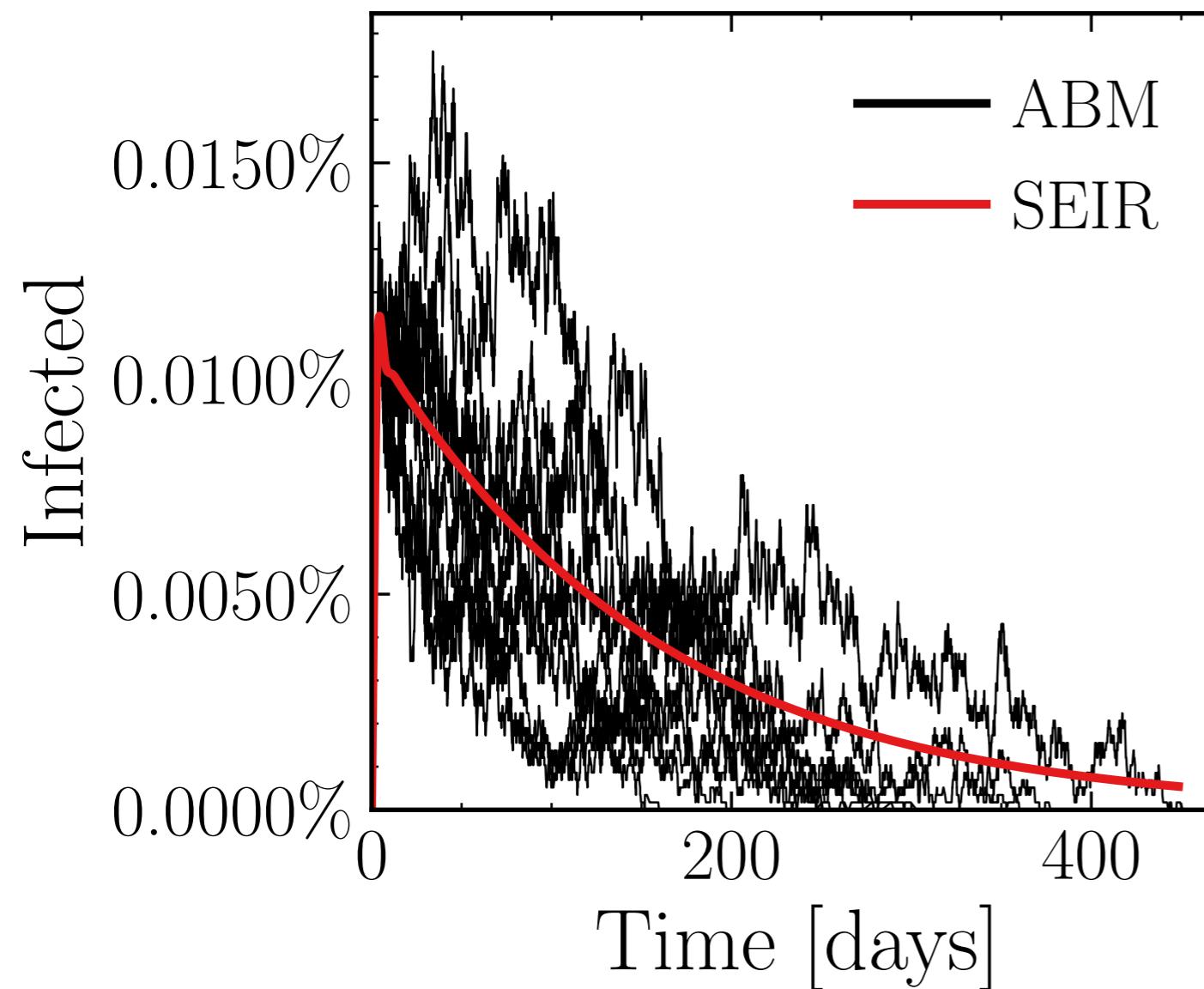
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

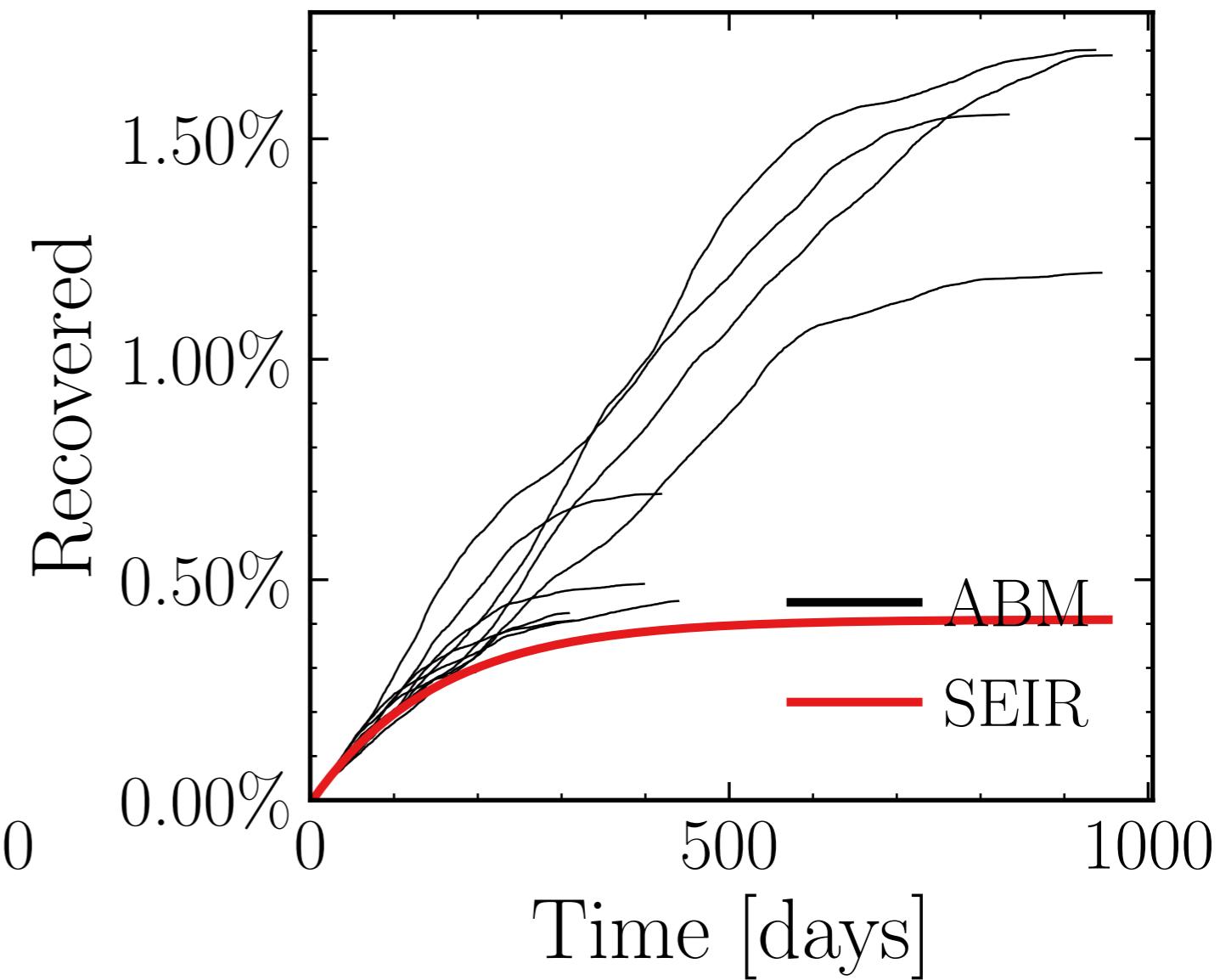
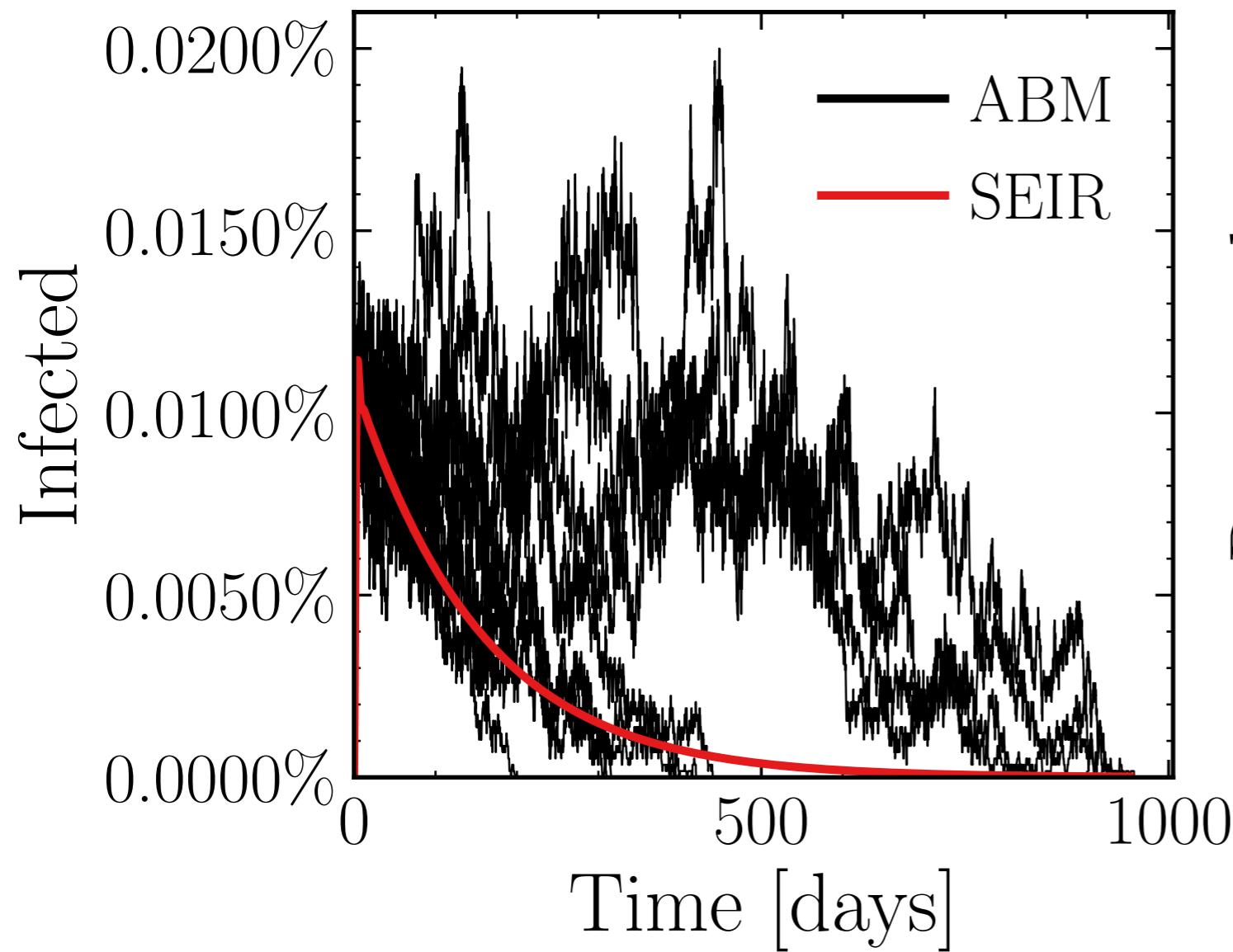
$I_{\text{peak}}^{\text{ABM}} = (74 \pm 4.9\%)$.

v. = 1.0, hash = 9351c26aa2, #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_{peak}} = 50, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (85 \pm 5.8\%)$. v. = 1.0, hash = 9cd28e5439, #10 $R_{\infty}^{\text{ABM}} = (5 \pm 2e + 01\%) \cdot 10^3$



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

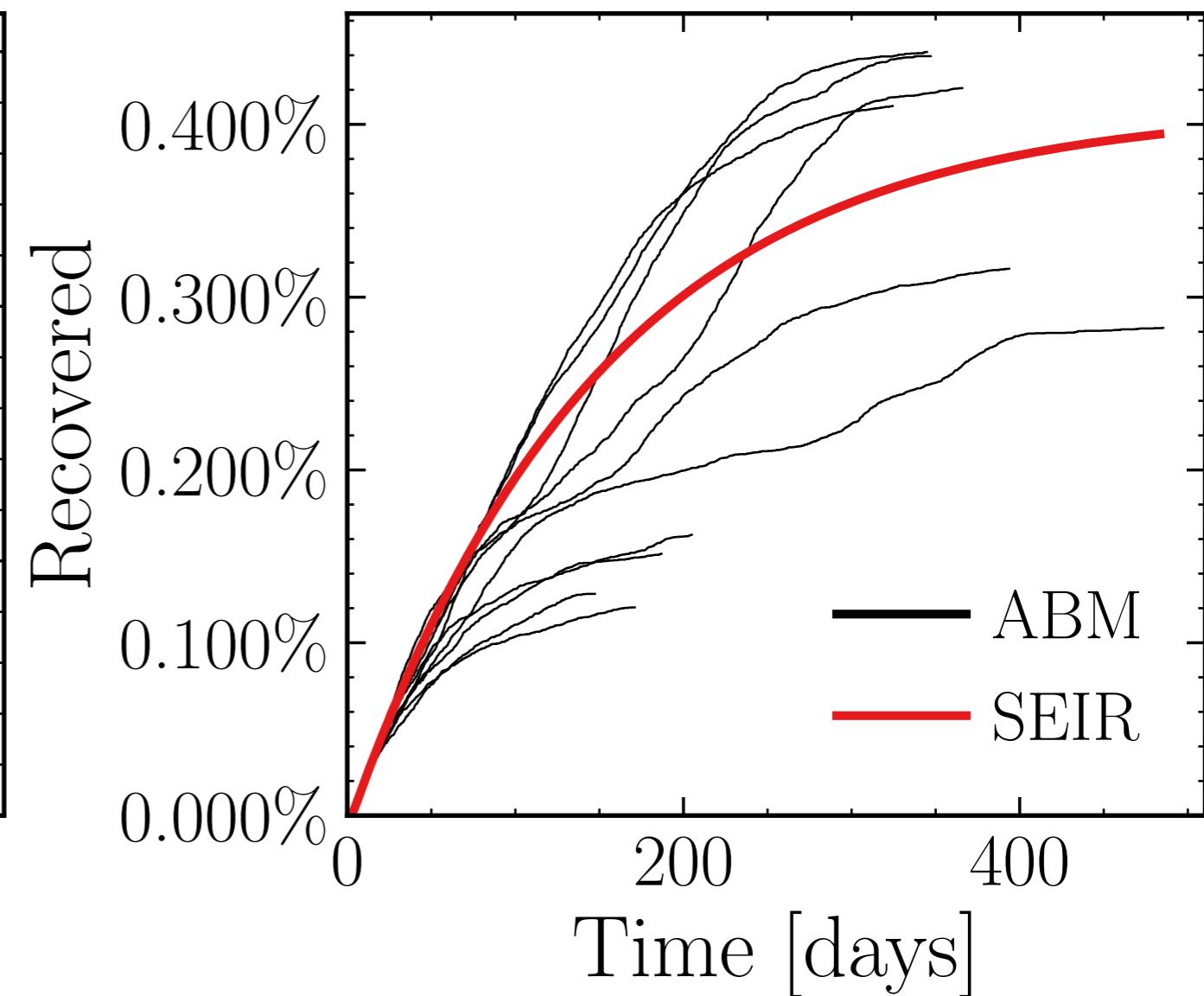
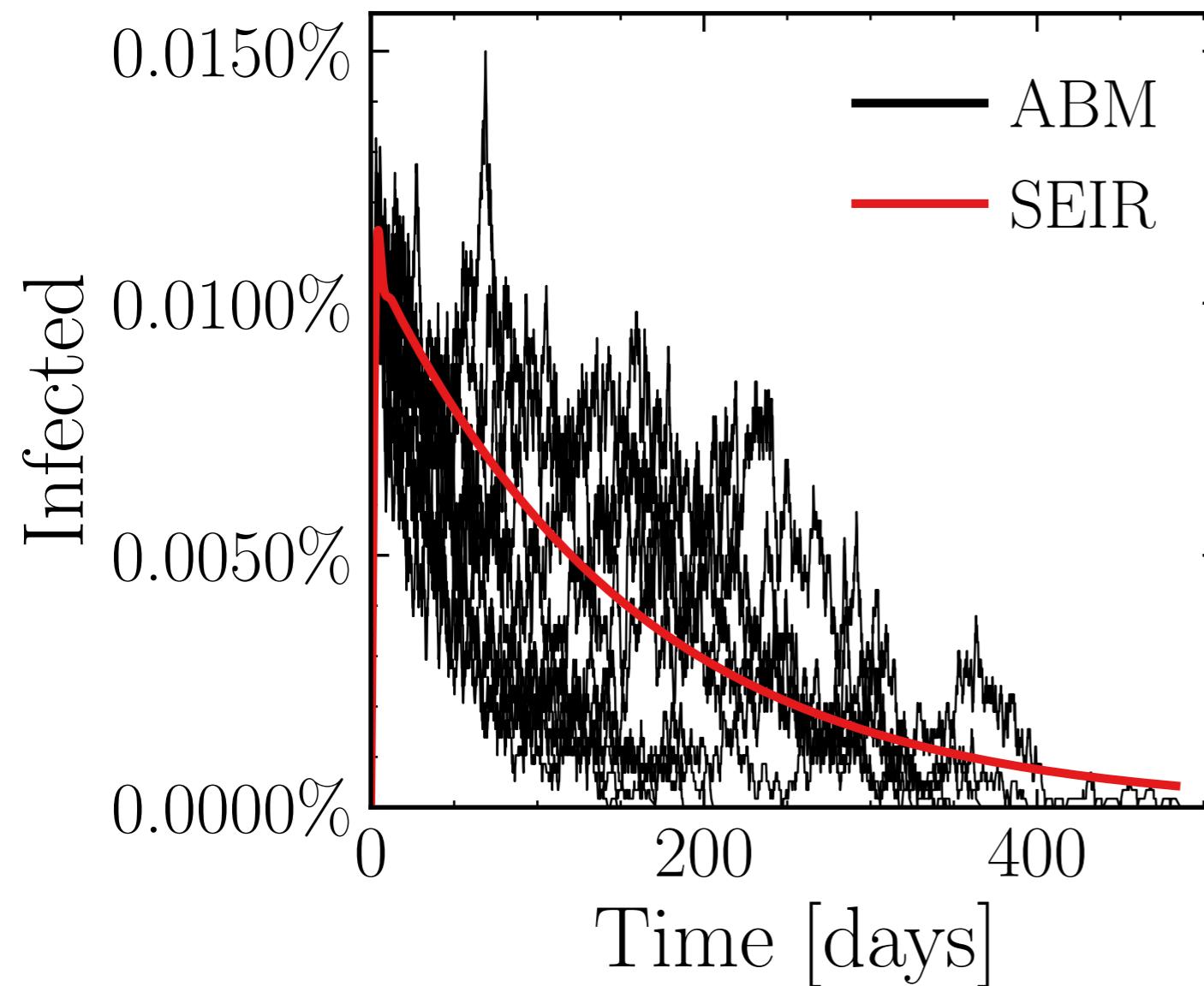
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

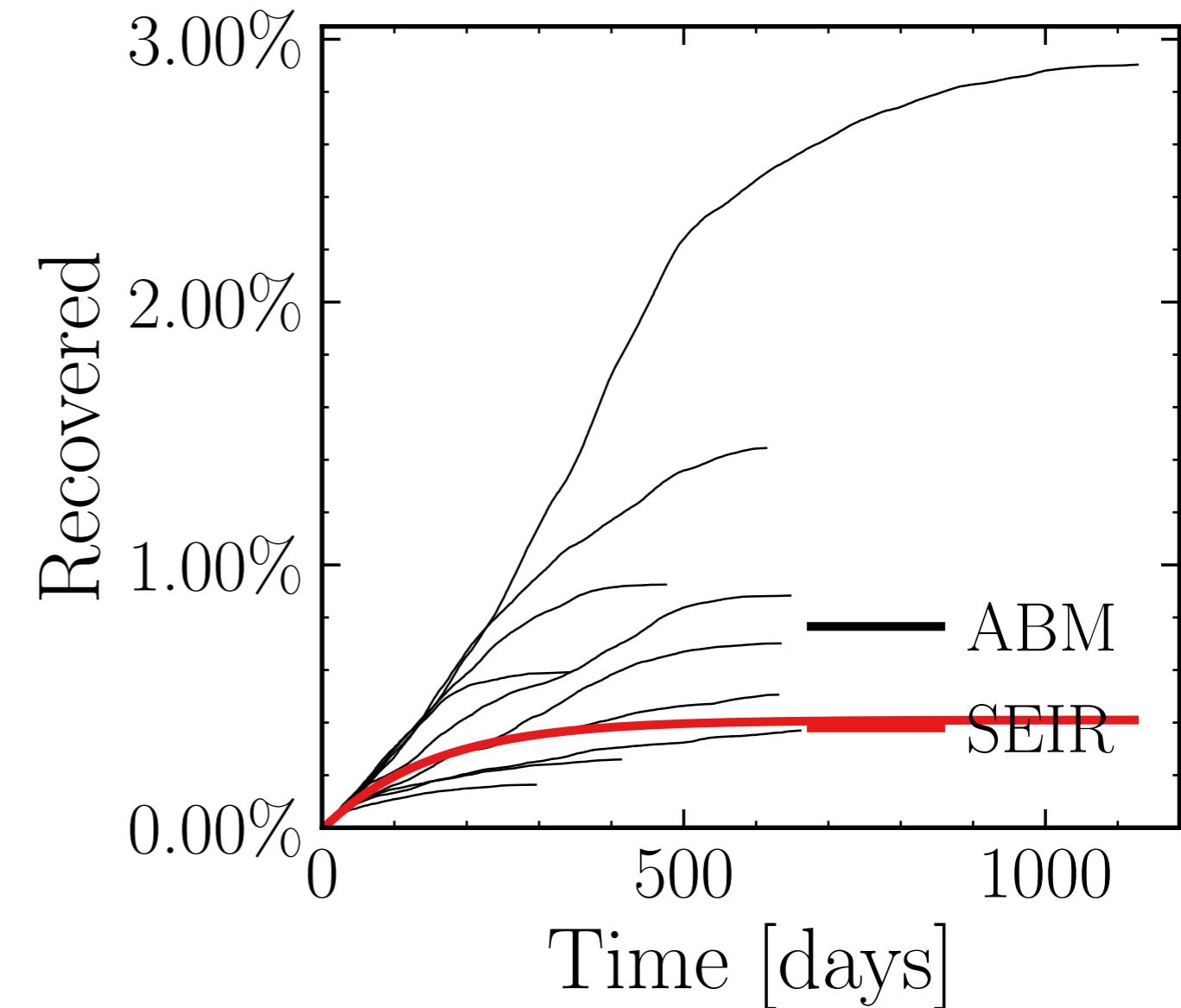
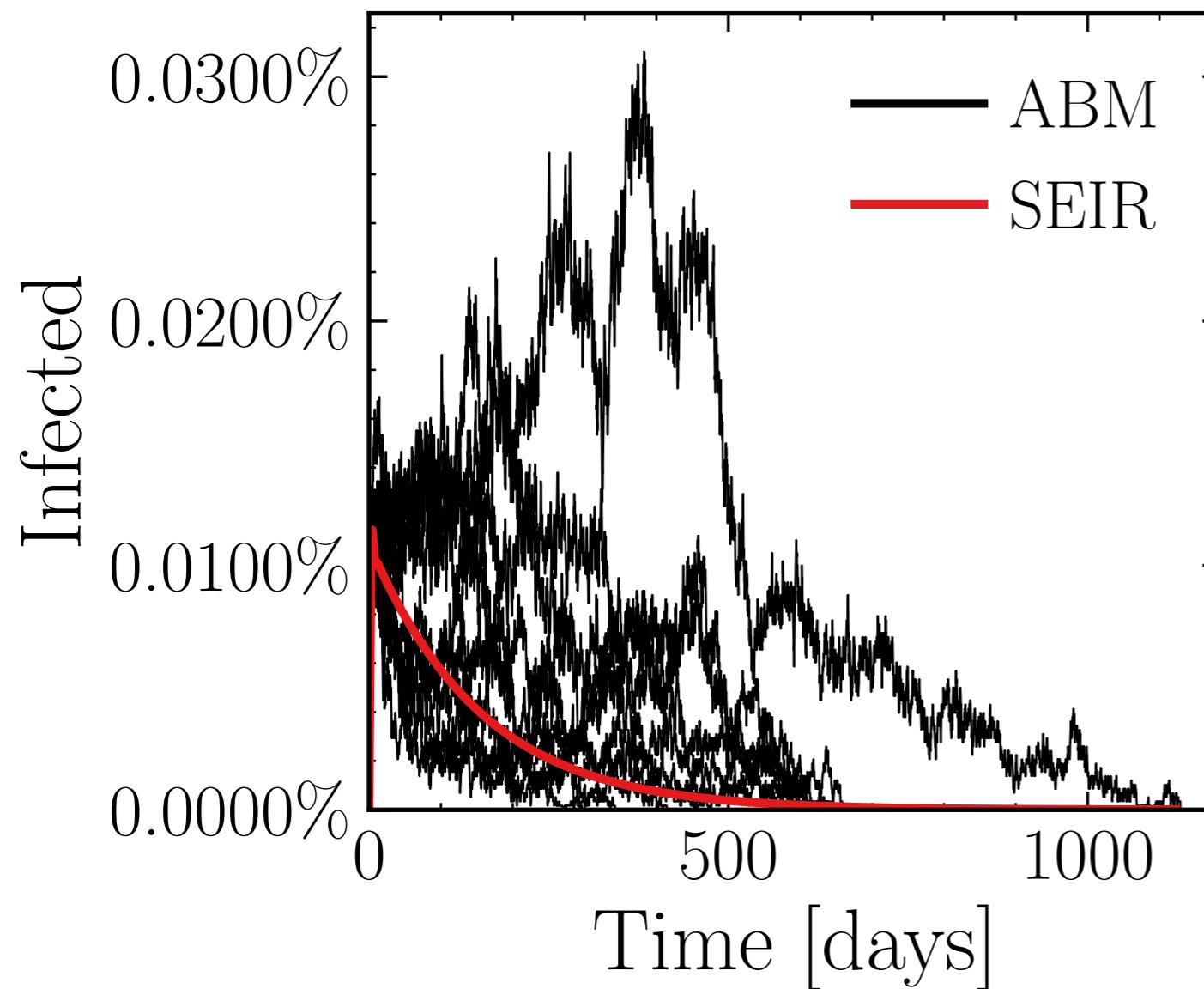
$I_{\text{peak}}^{\text{ABM}} = (73 \pm 2.3\%)$.

v. = 1.0, hash = 891487f3b4, #10

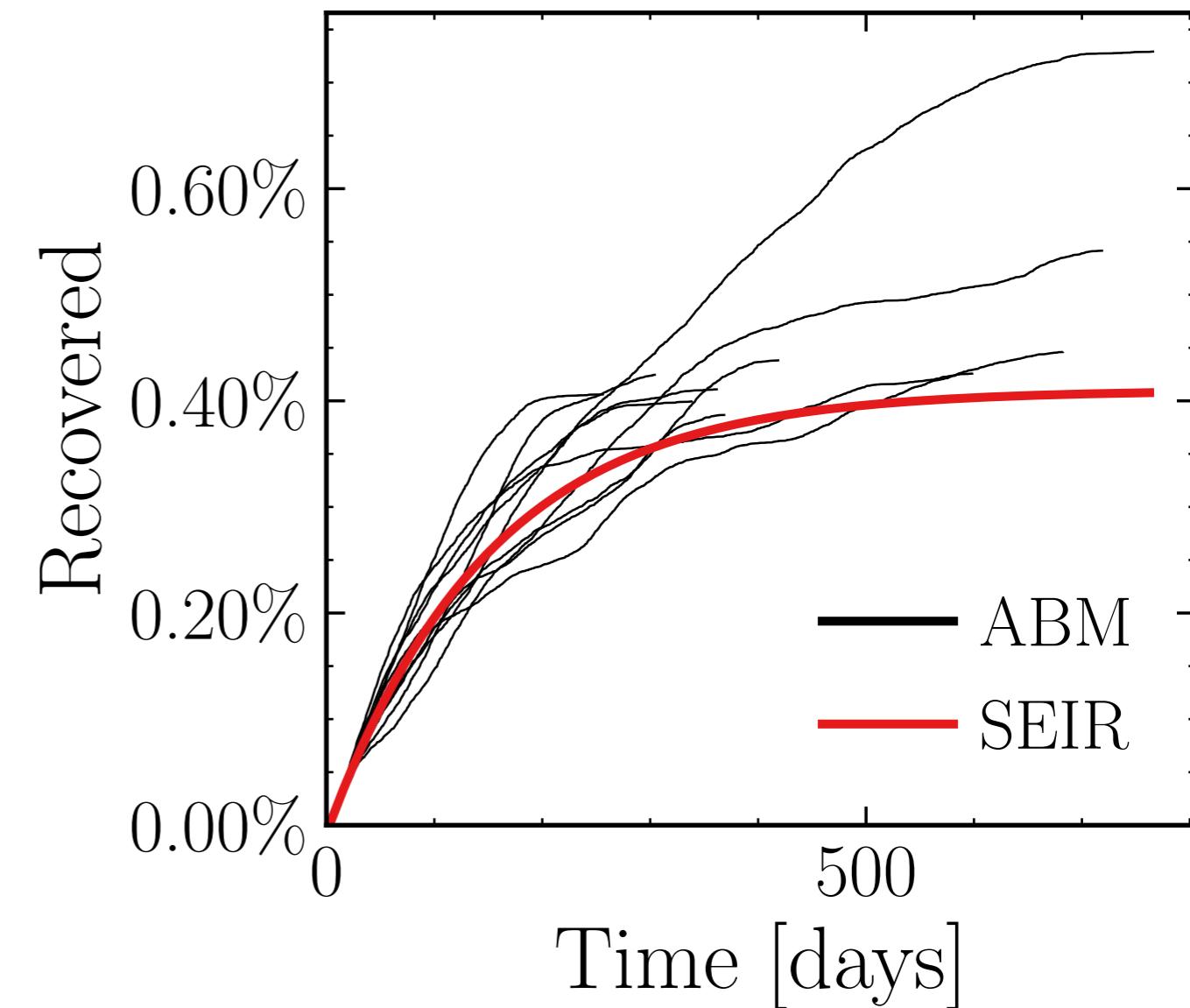
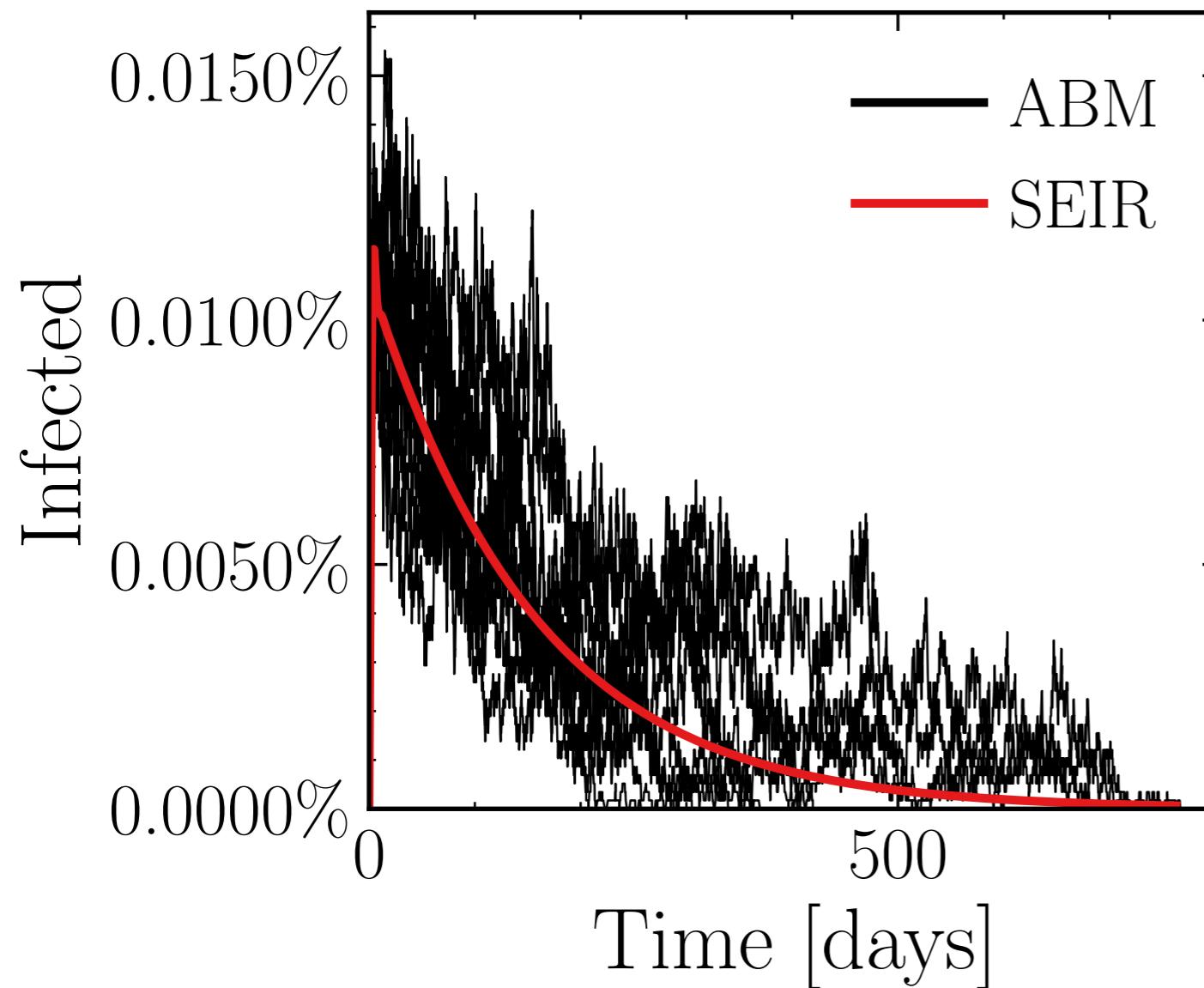
$R_{\infty}^{\text{ABM}} = (1.7 \pm 1.4e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, 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_{peak}} = 20, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (96 \pm 1e + 01\%)$. v. = 1.0, hash = 74aa12b3b0, #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, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 10K$, event_{size_{peak}} = 10, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (77 \pm 3.2\%)$. v. = 1.0, hash = 386a806a5e, #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, $N_{\text{init}} = 100$

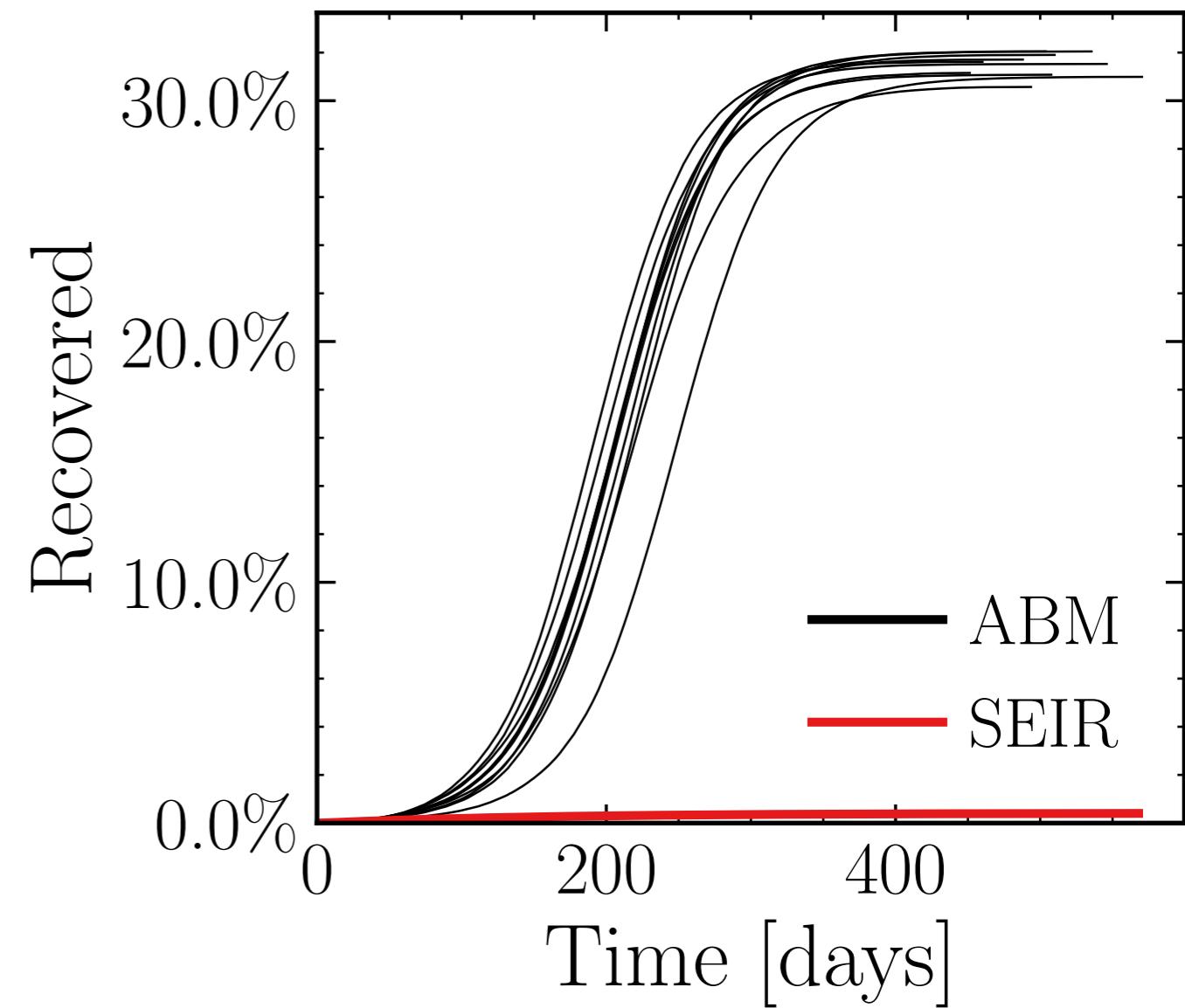
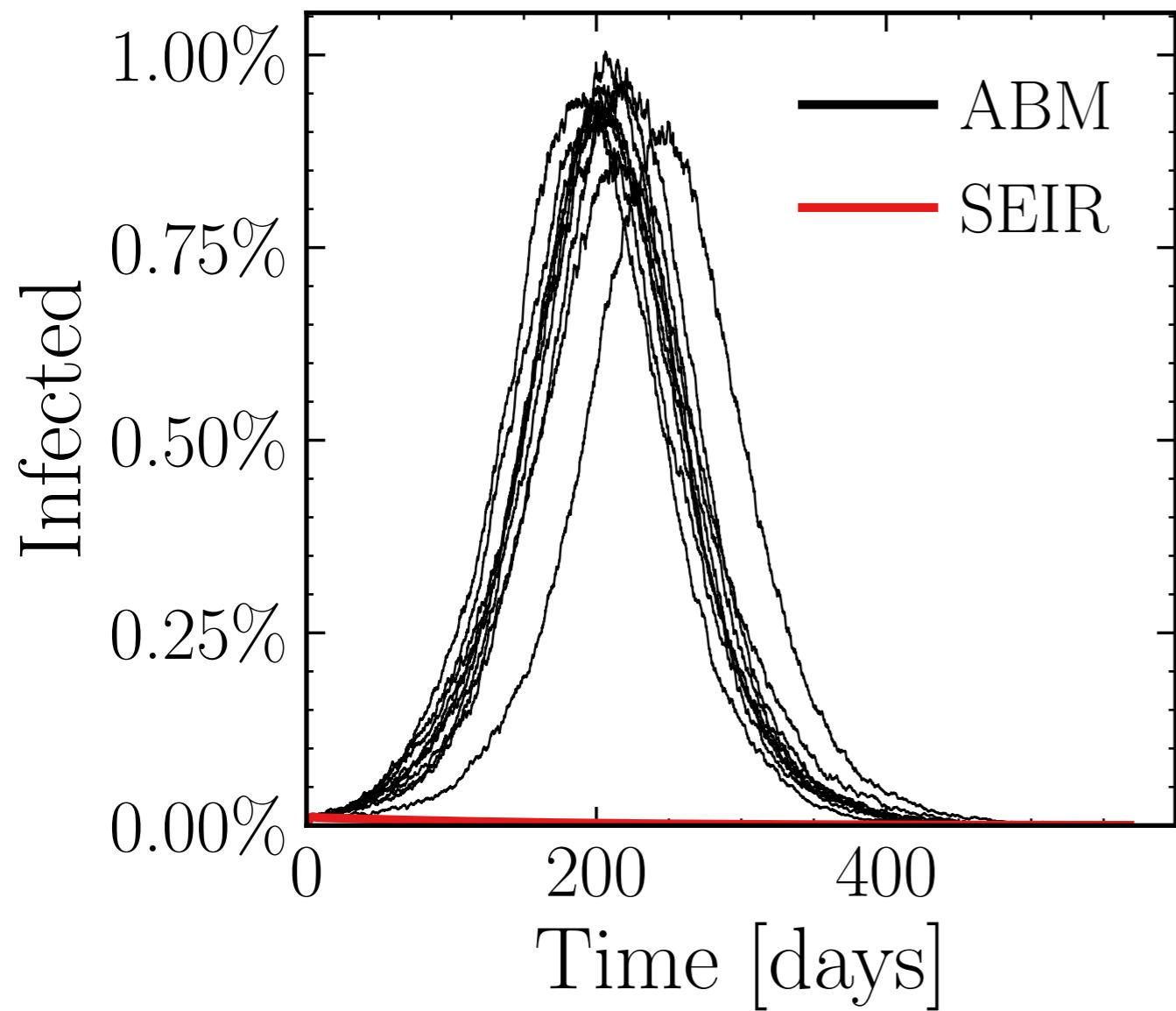
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (5.48 \pm 1.3\%) \cdot 10^3$

v. = 1.0, hash = dc11fa97d3, #10

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



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

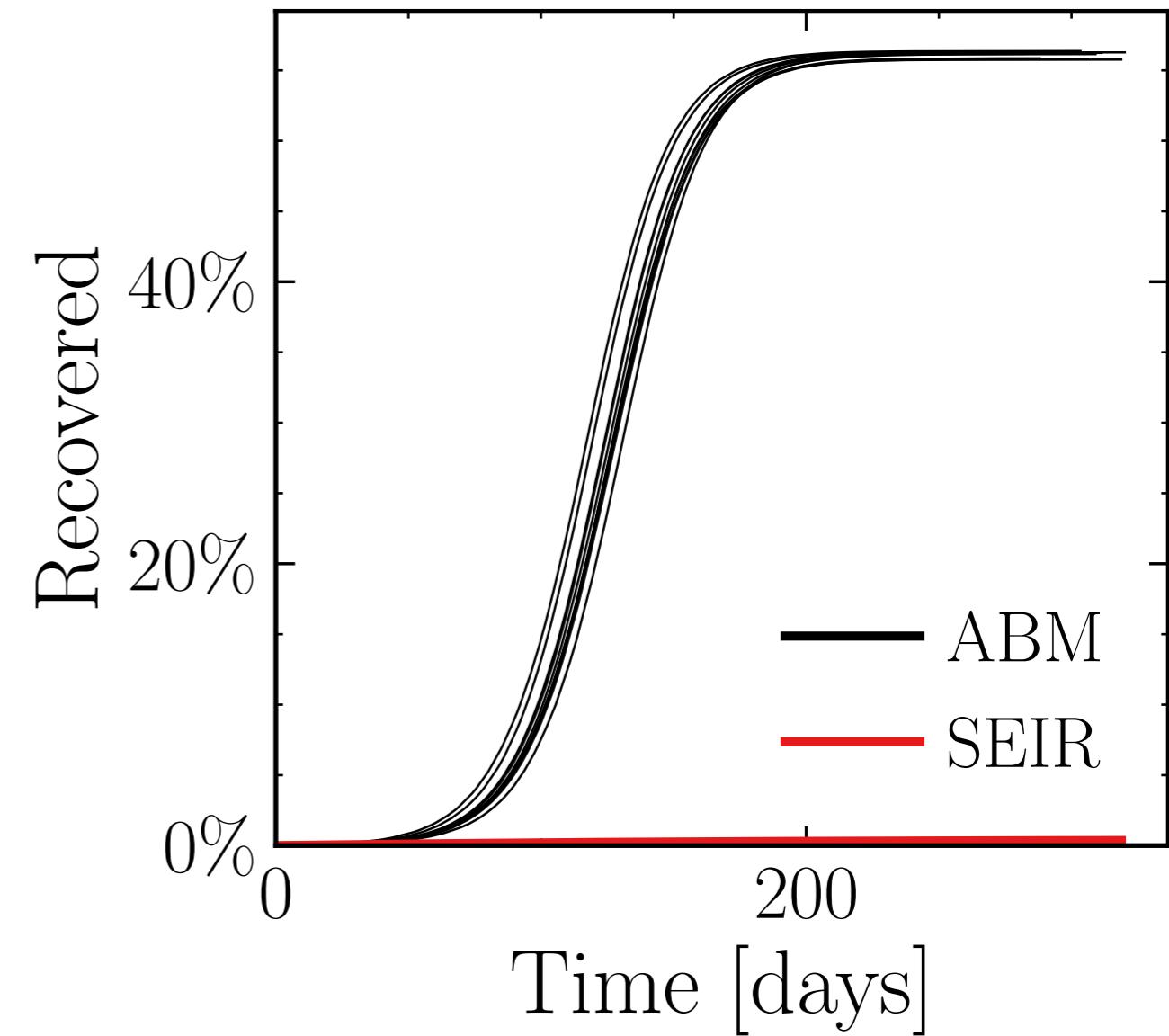
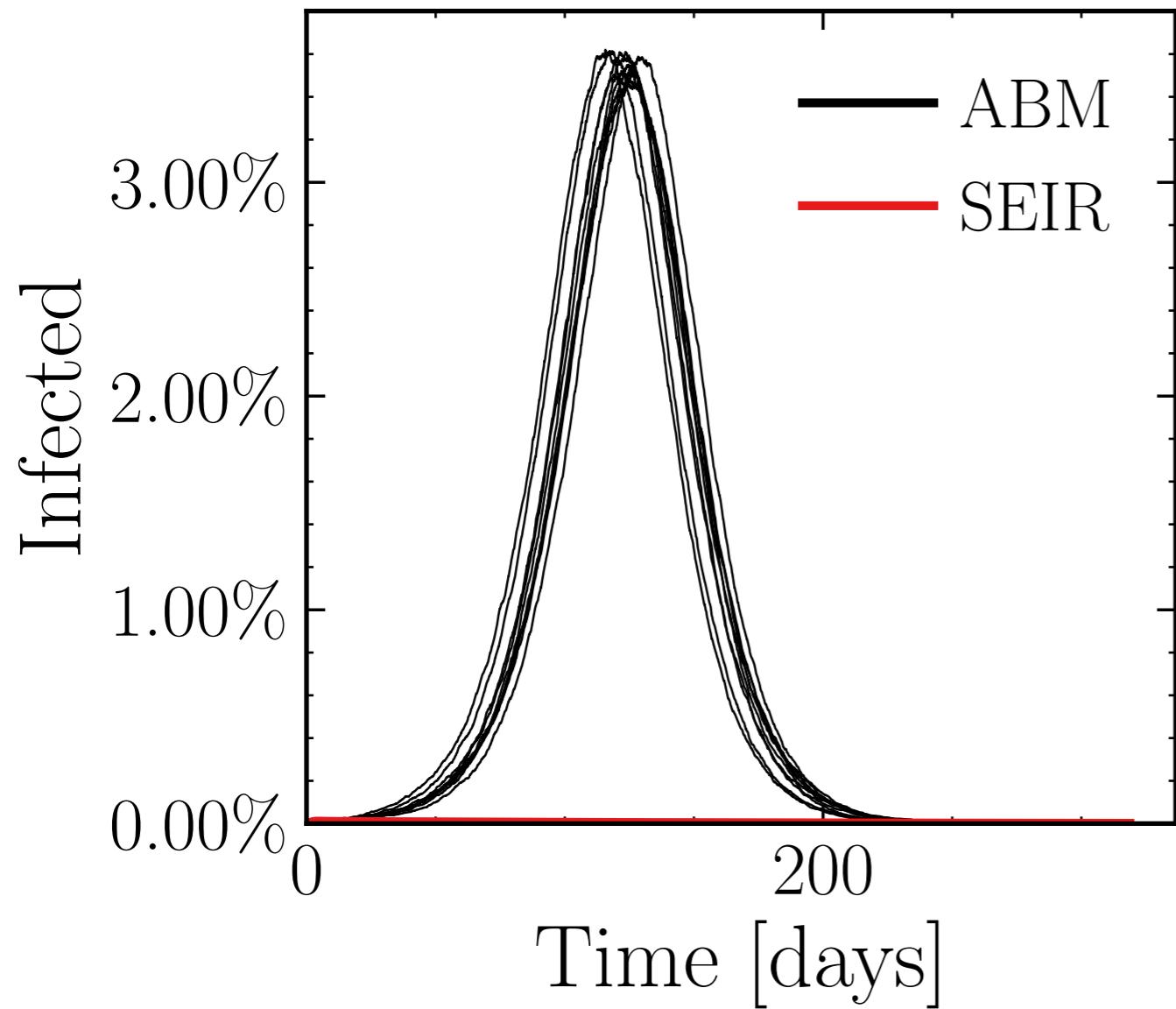
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

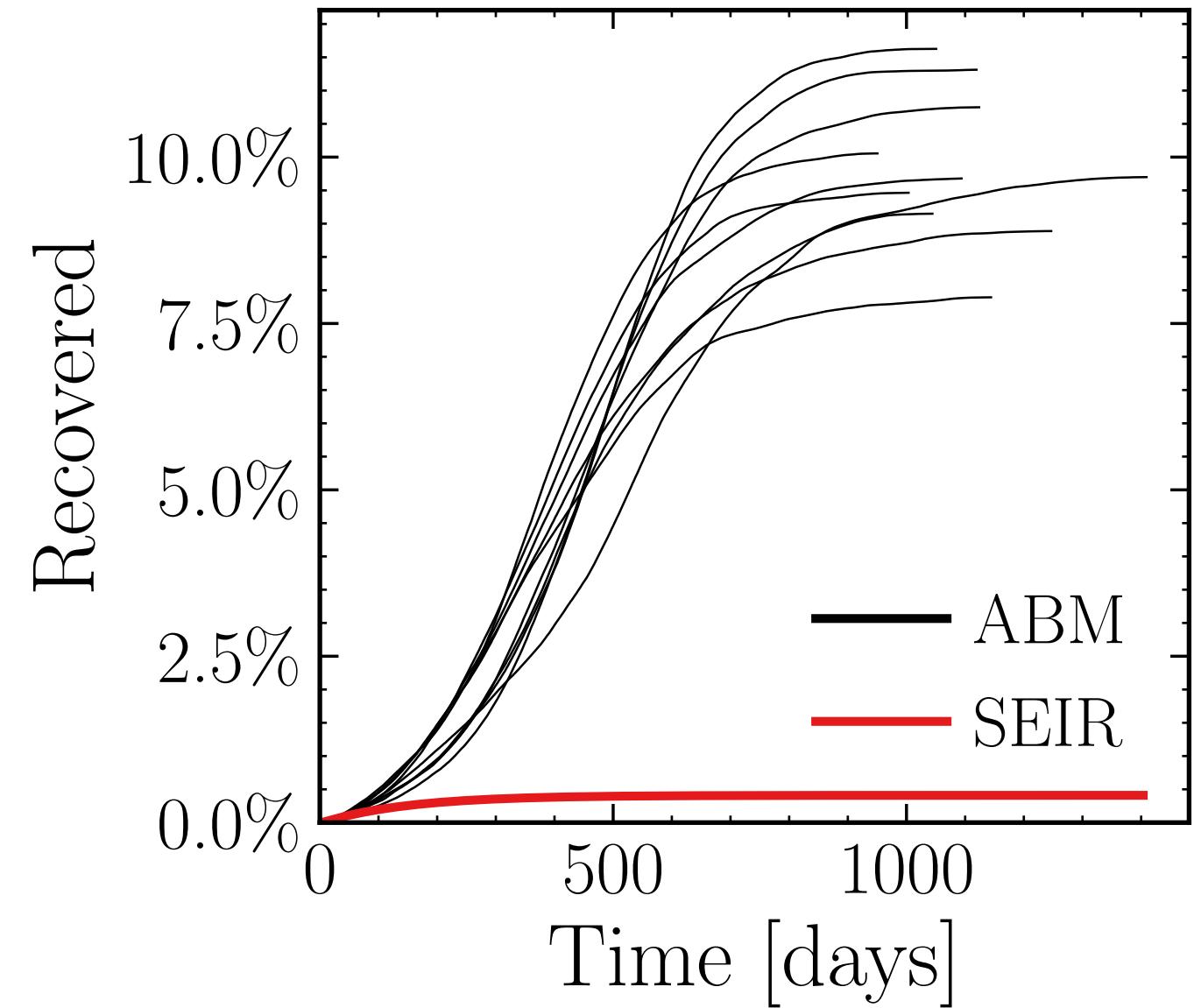
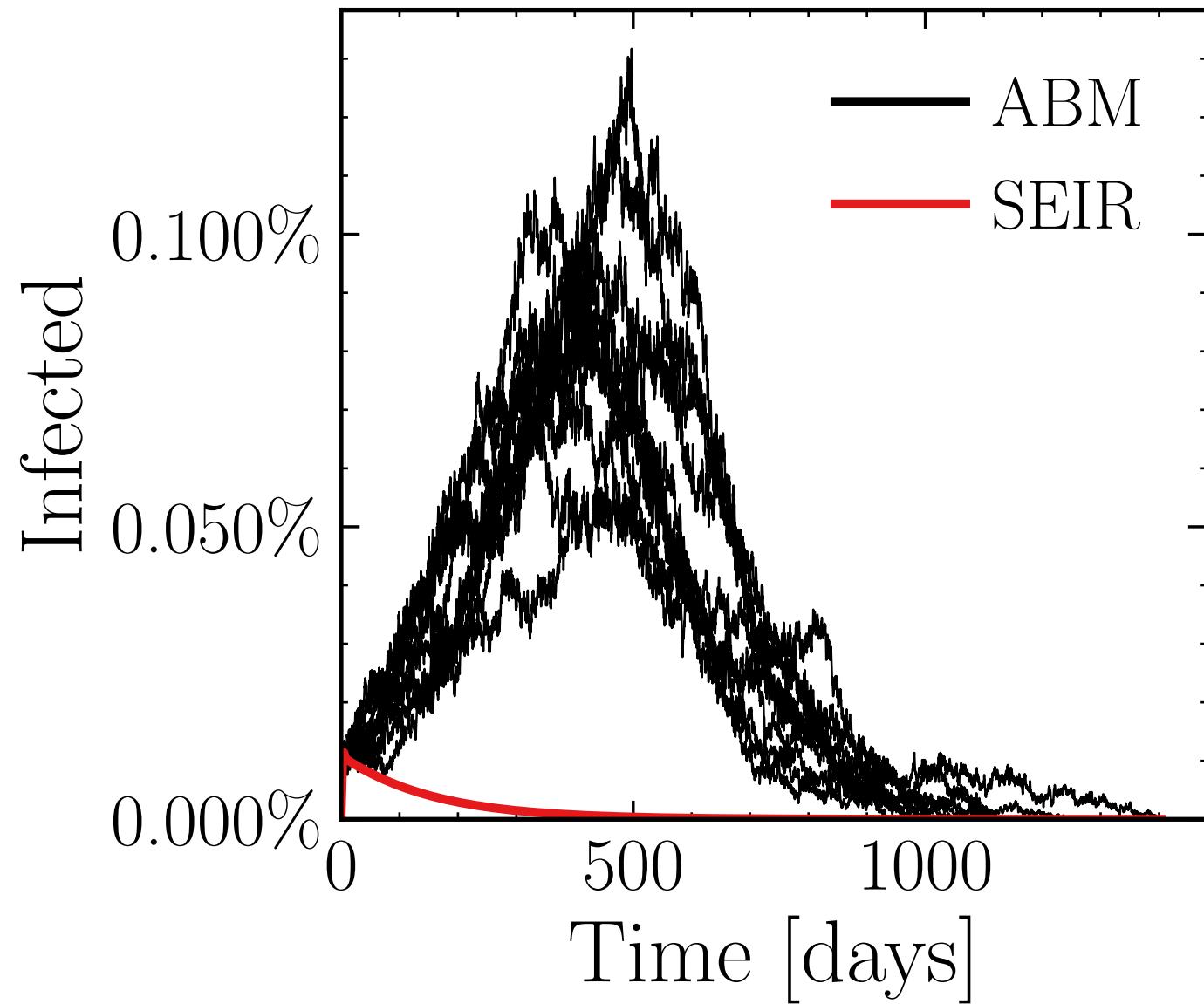
$I_{\text{peak}}^{\text{ABM}} = (20.63 \pm 0.46\%) \cdot 10^3$

v. = 1.0, hash = c01c98cea9, #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, $N_{\text{connect}}^{\text{connect}} = 0$
 $N_{\text{events}} = 10K$, event_{size_{peak}} = 20, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (560 \pm 5.8\%)$. v. = 1.0, hash = 8c1c0437a8, #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, $N_{\text{init}} = 100$

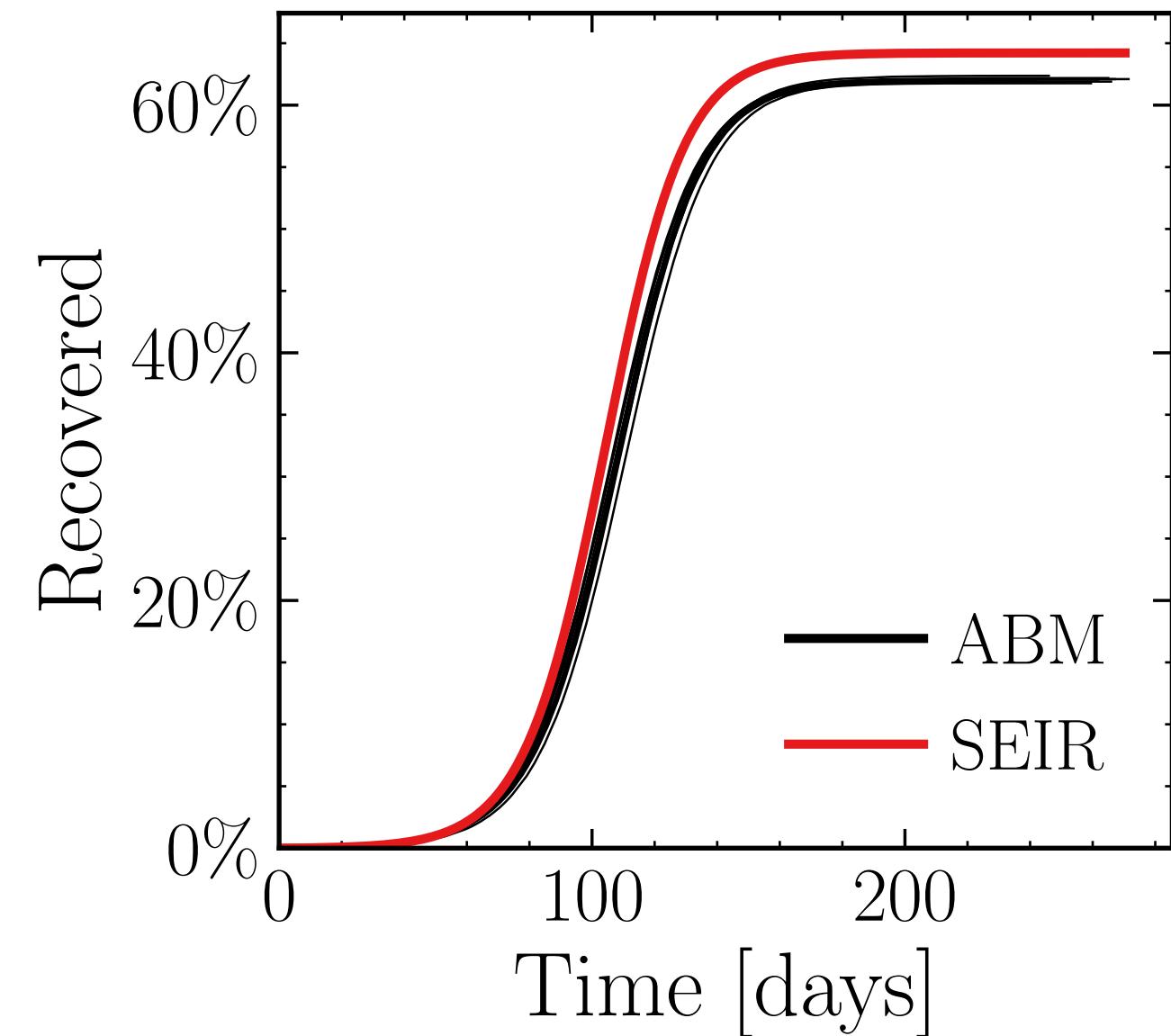
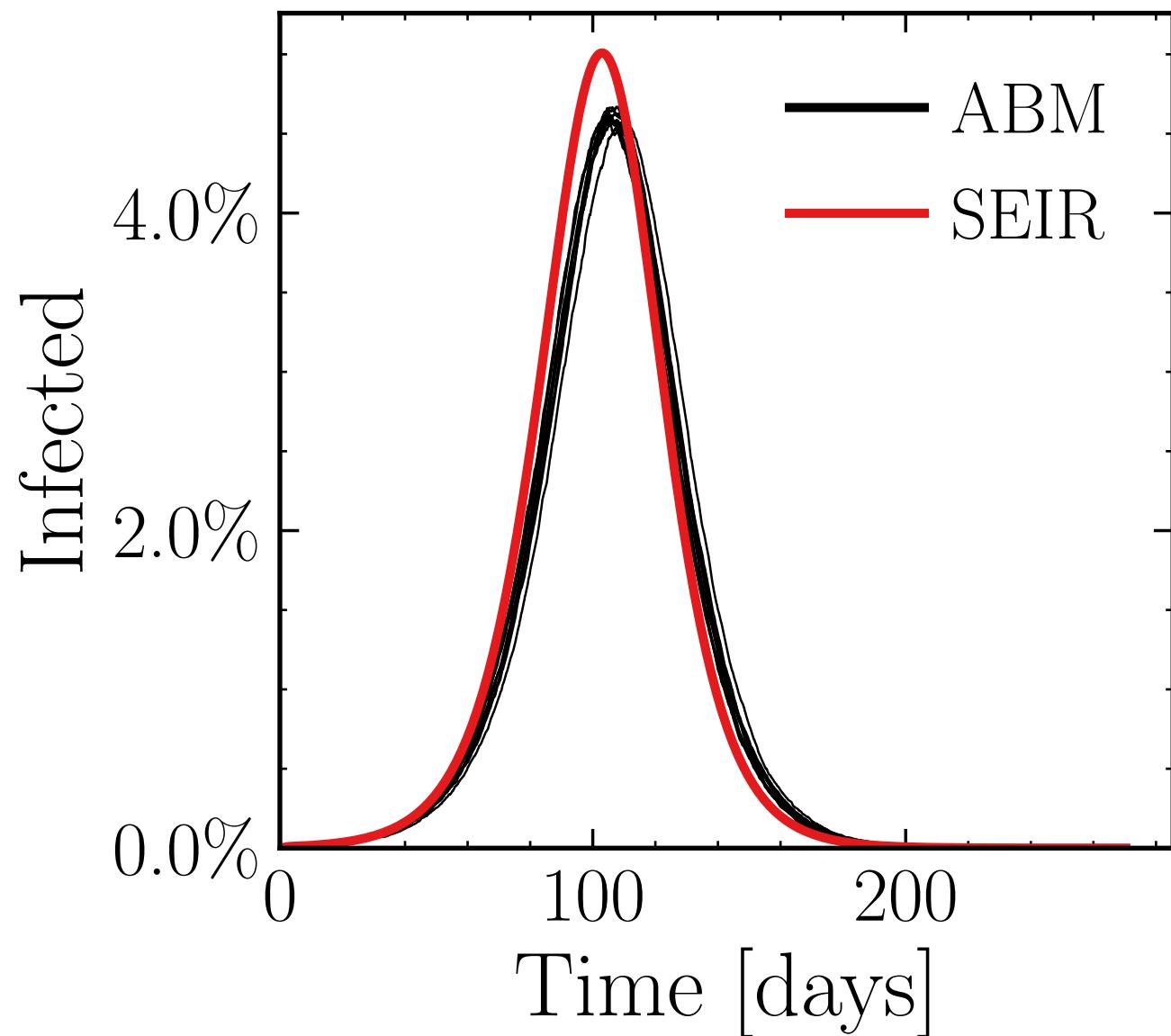
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

$$\text{v.} = 1.0, \text{hash} = 33842af50, \#10$$

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



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

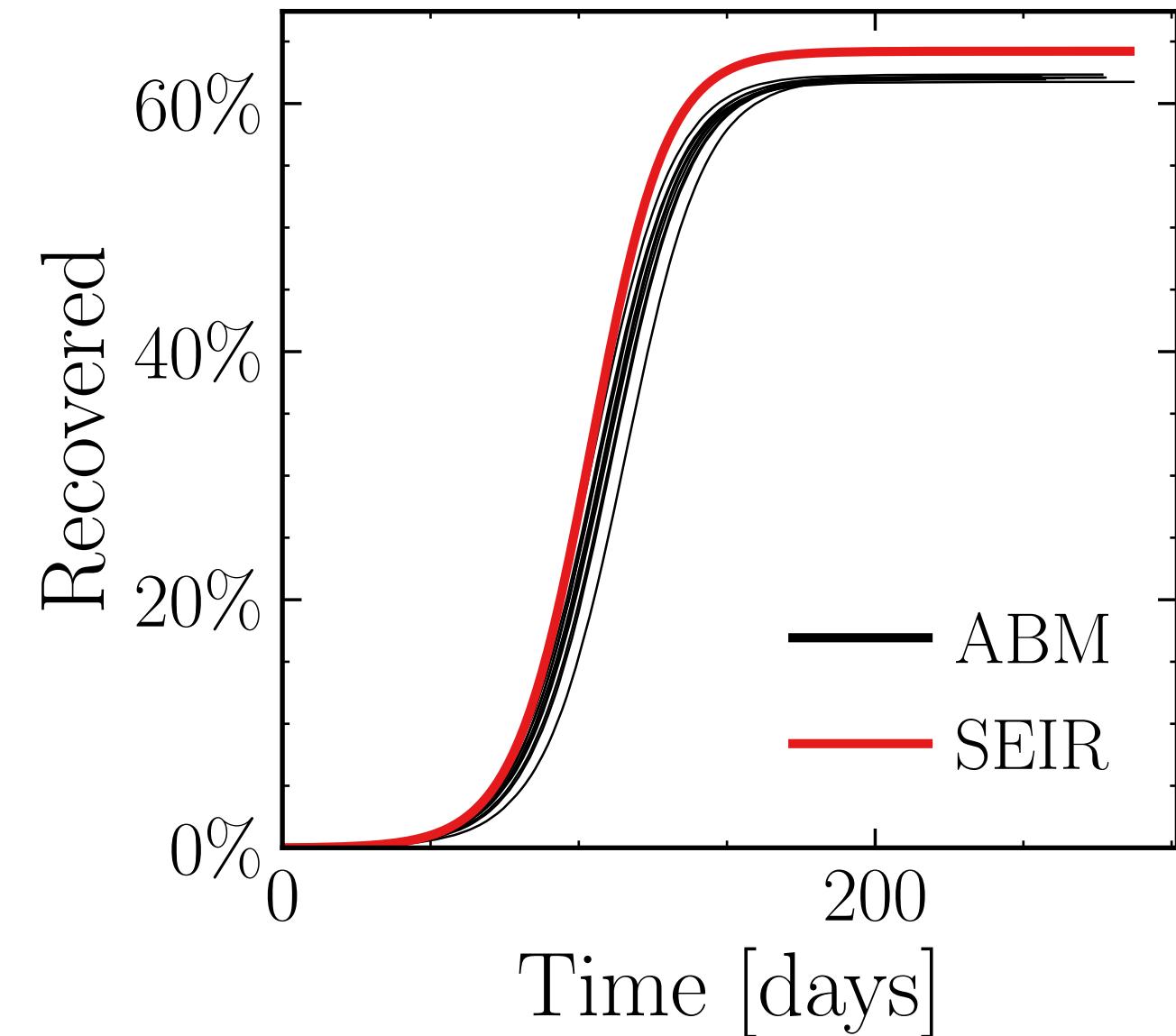
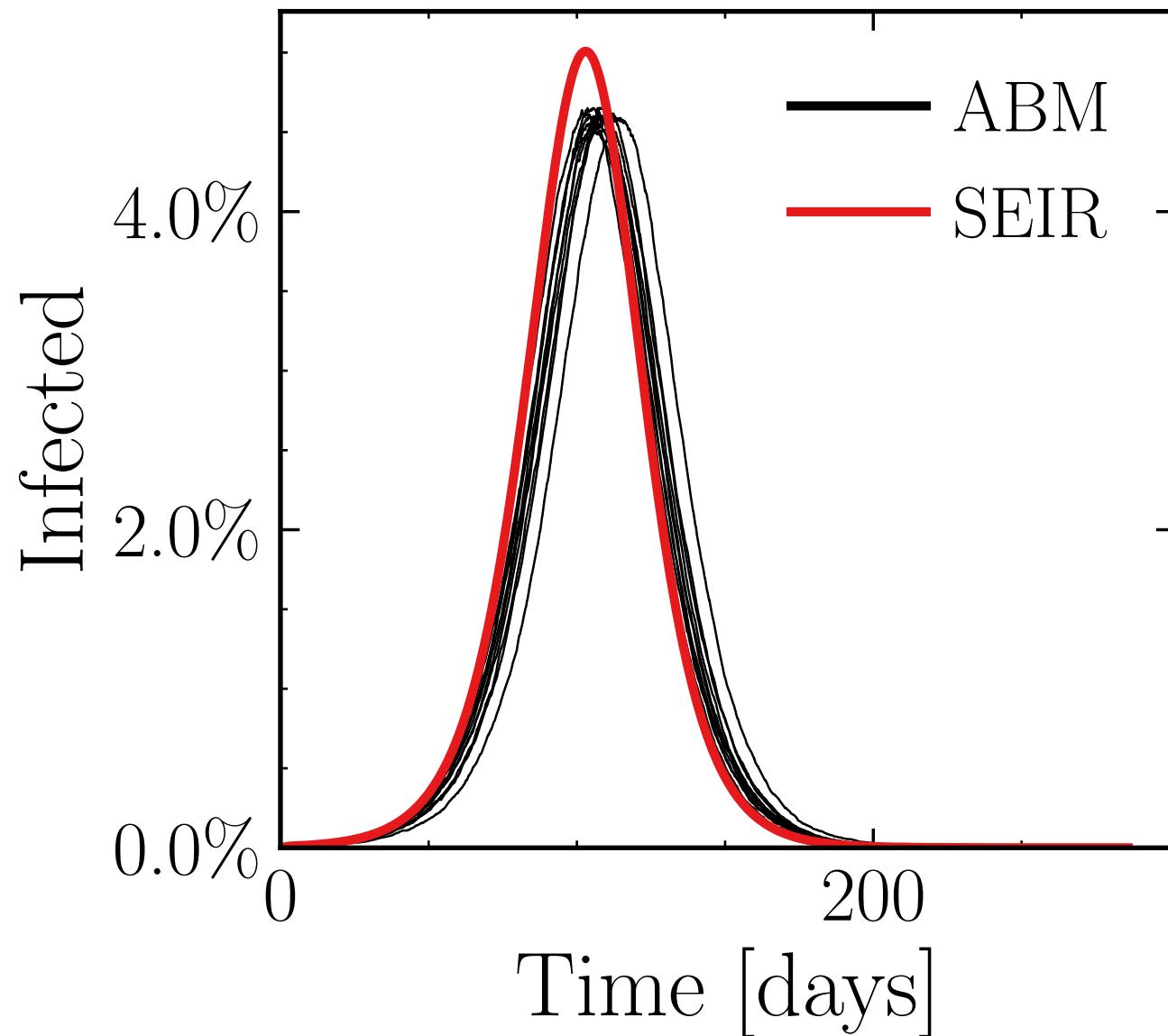
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 0ba97e5526, #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, $N_{\text{init}} = 100$

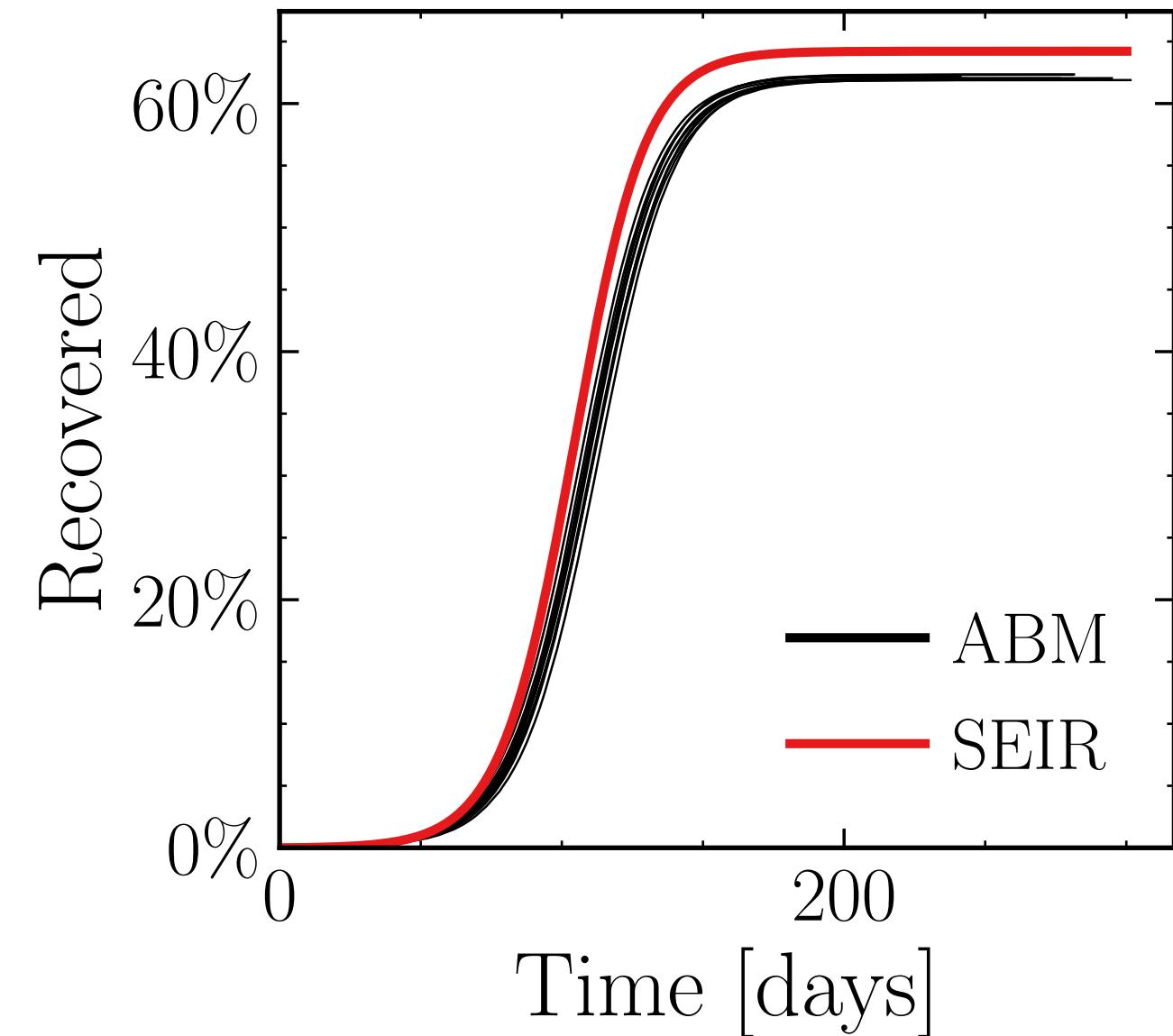
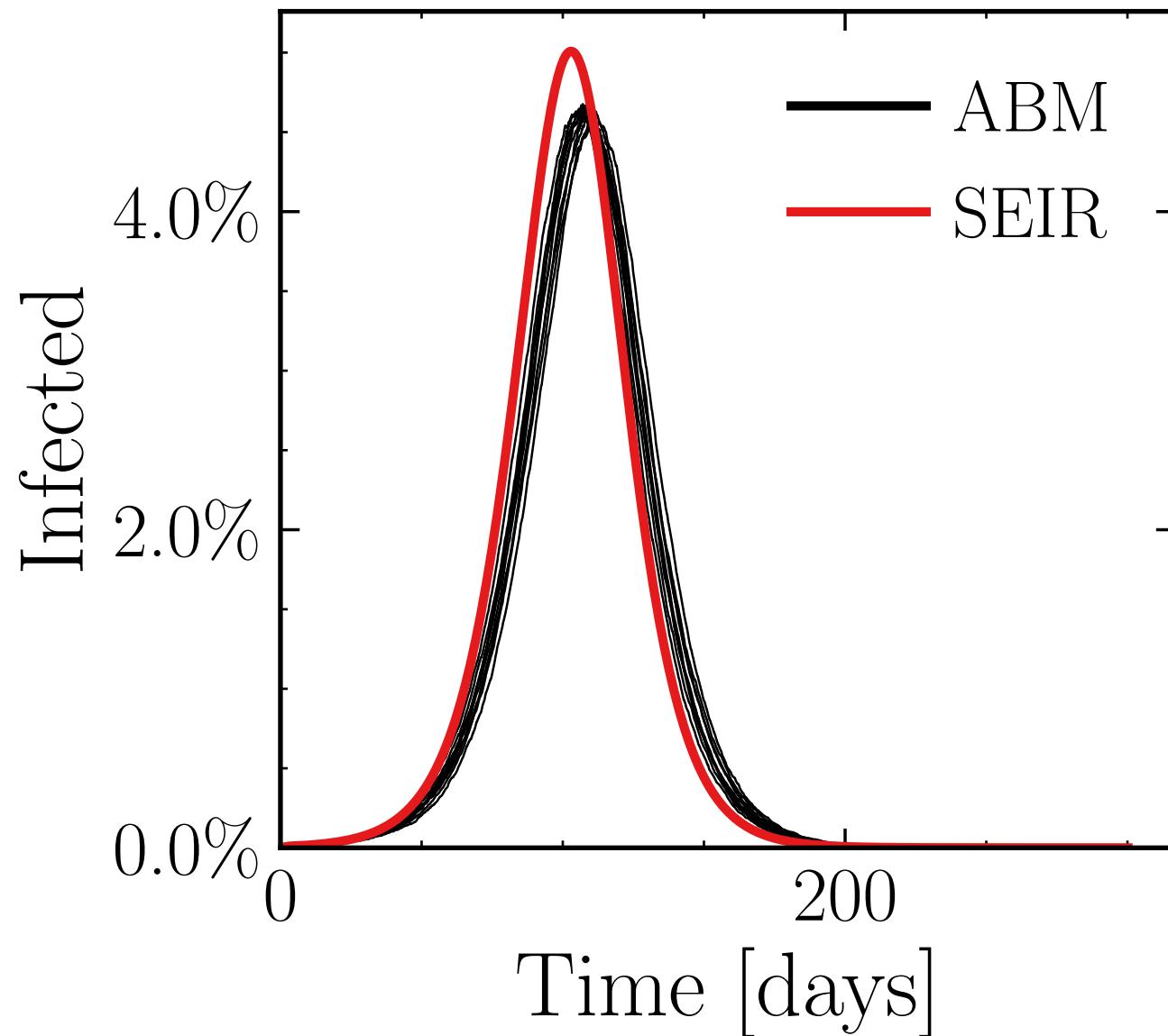
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = ae1c5cd831, #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, $N_{\text{init}} = 100$

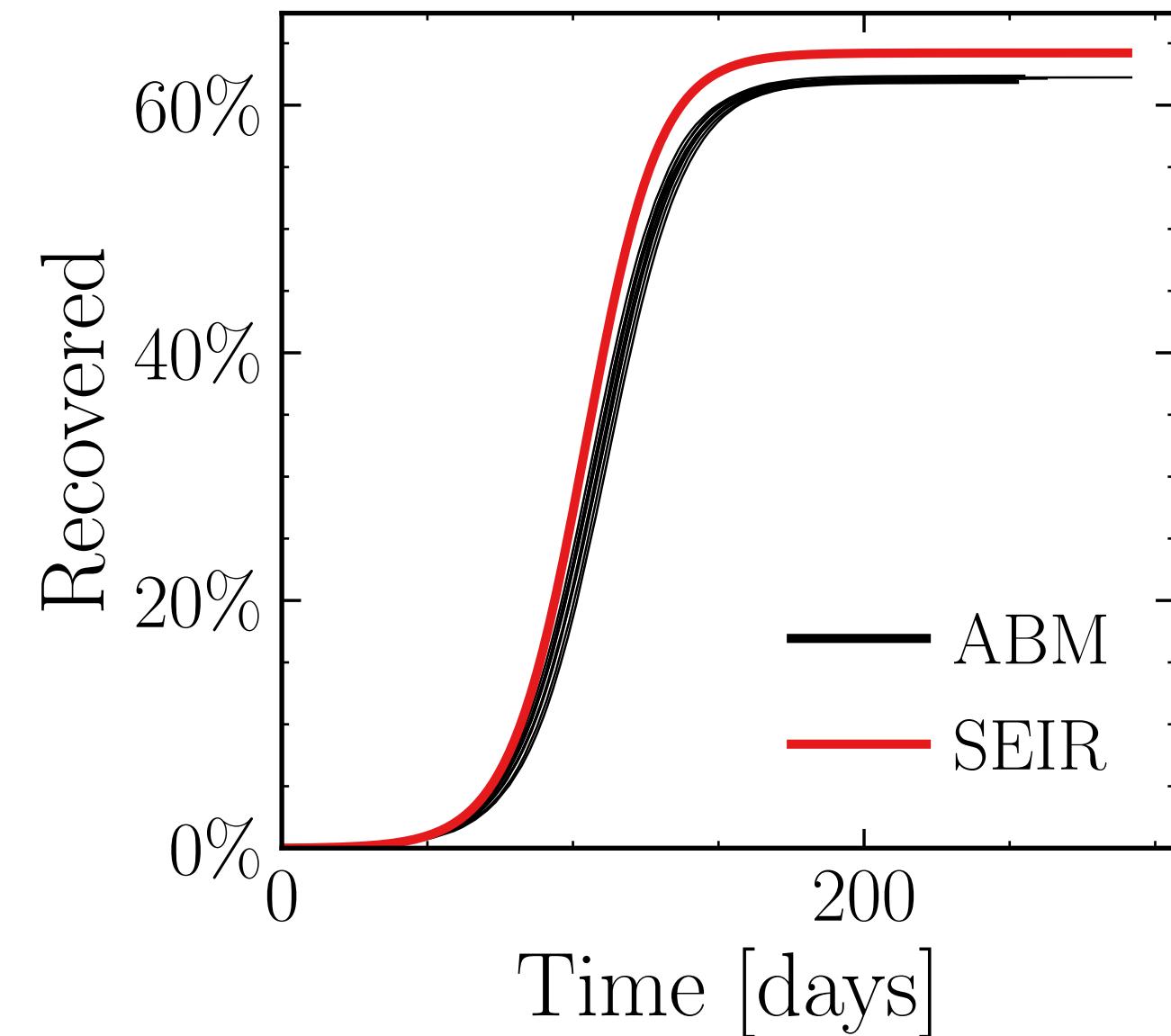
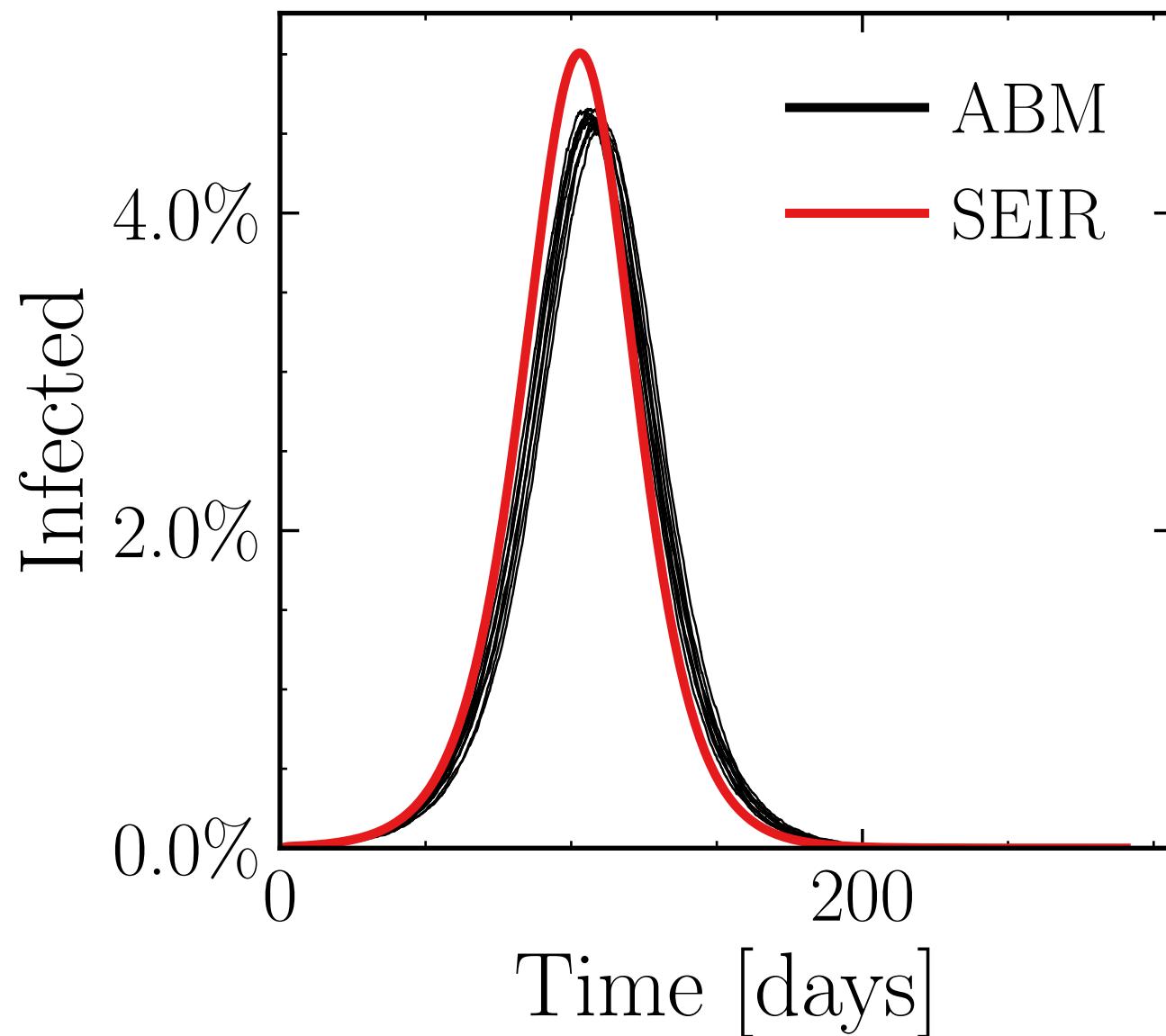
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = cf3059456b, #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, $N_{\text{init}} = 100$

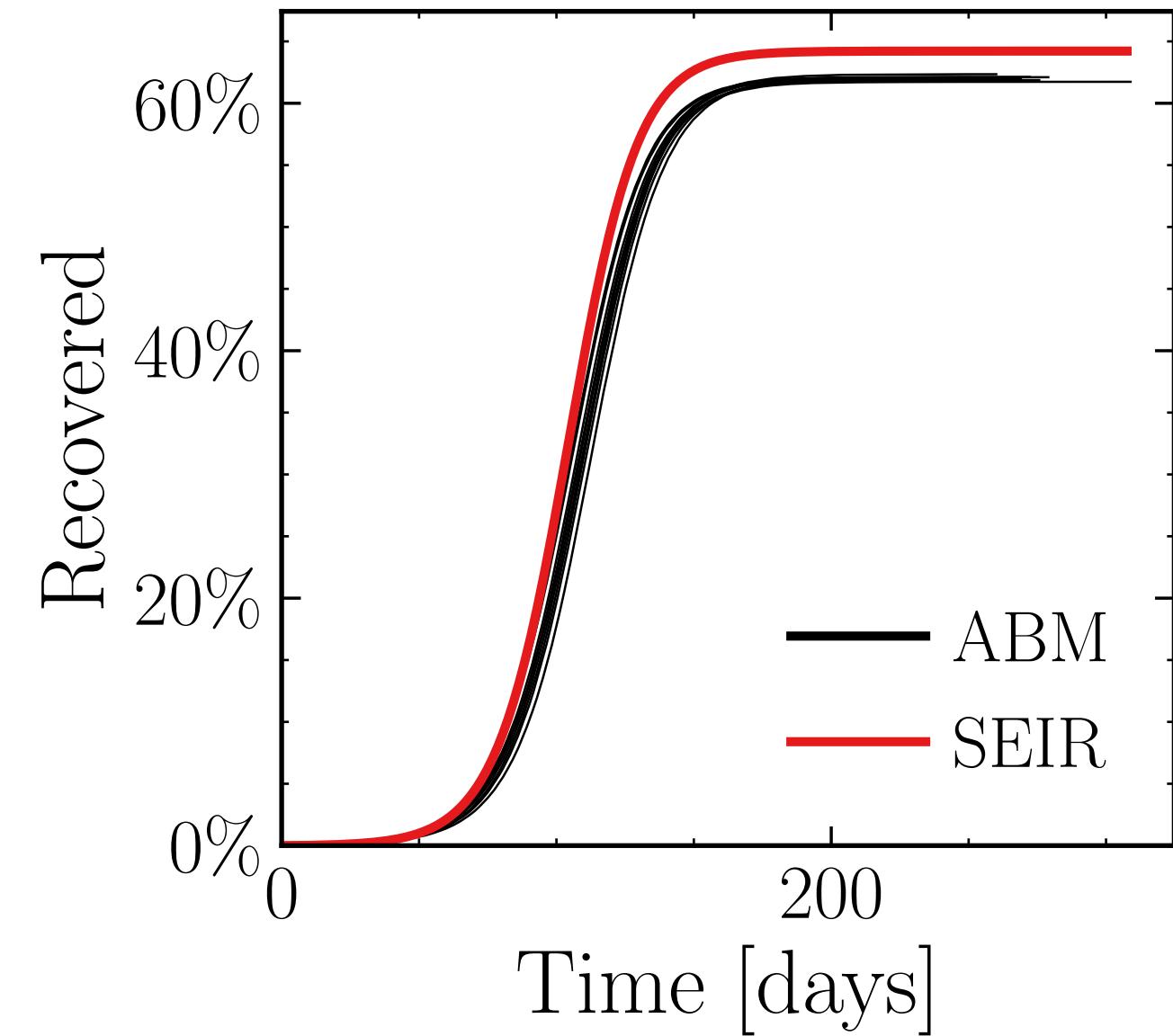
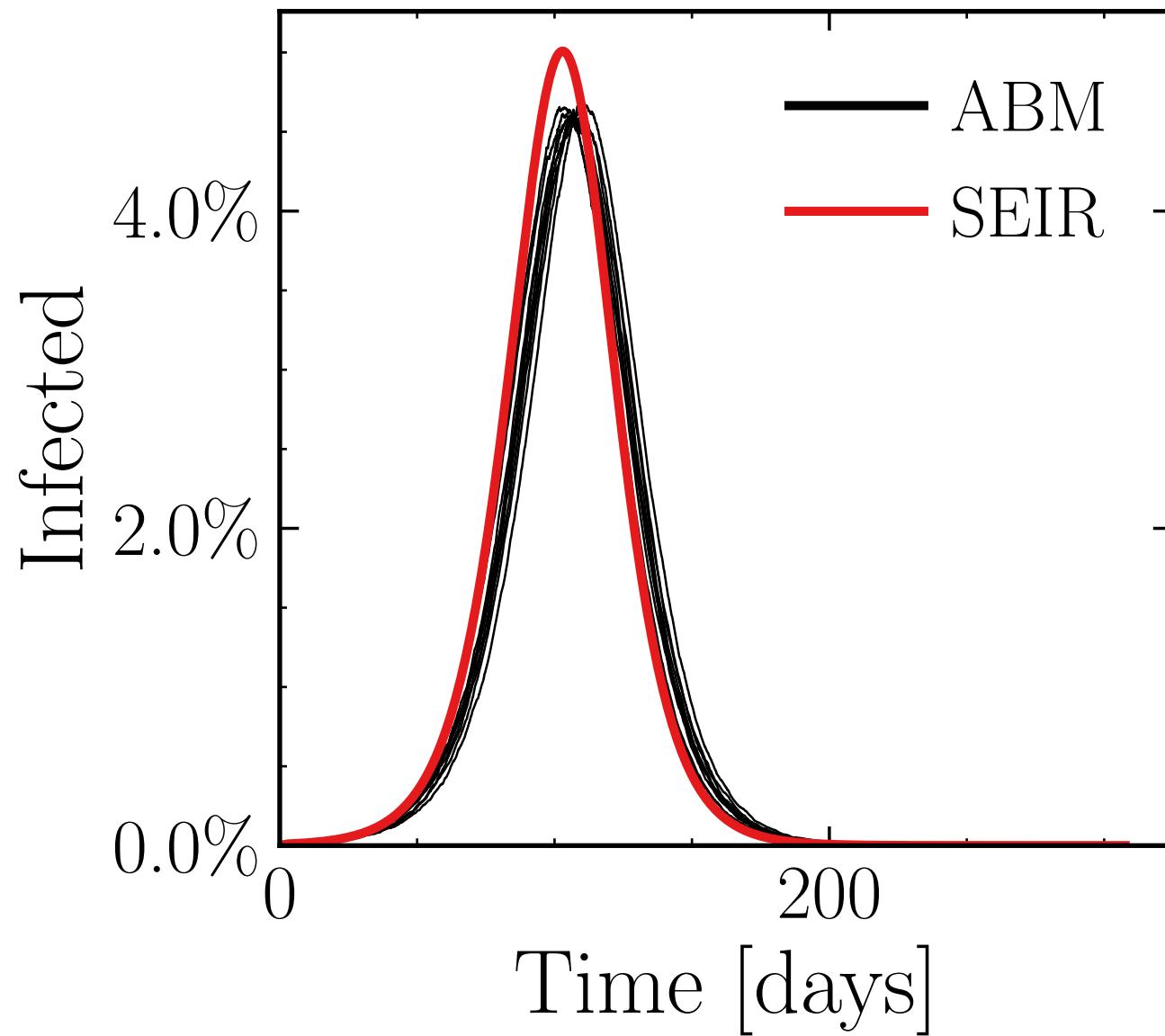
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

$$\text{v.} = 1.0, \text{hash} = 193db38838, \#10$$

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



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

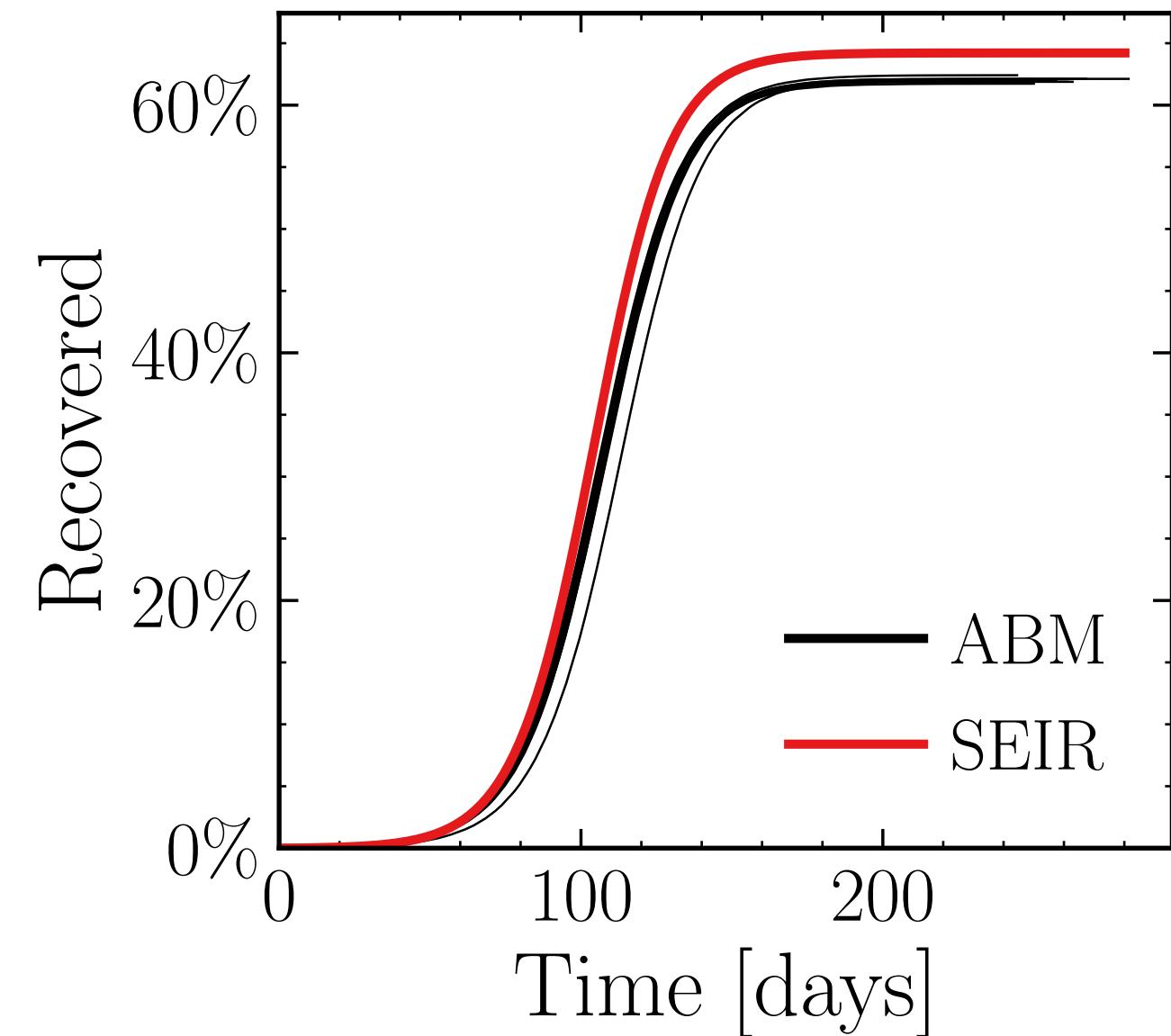
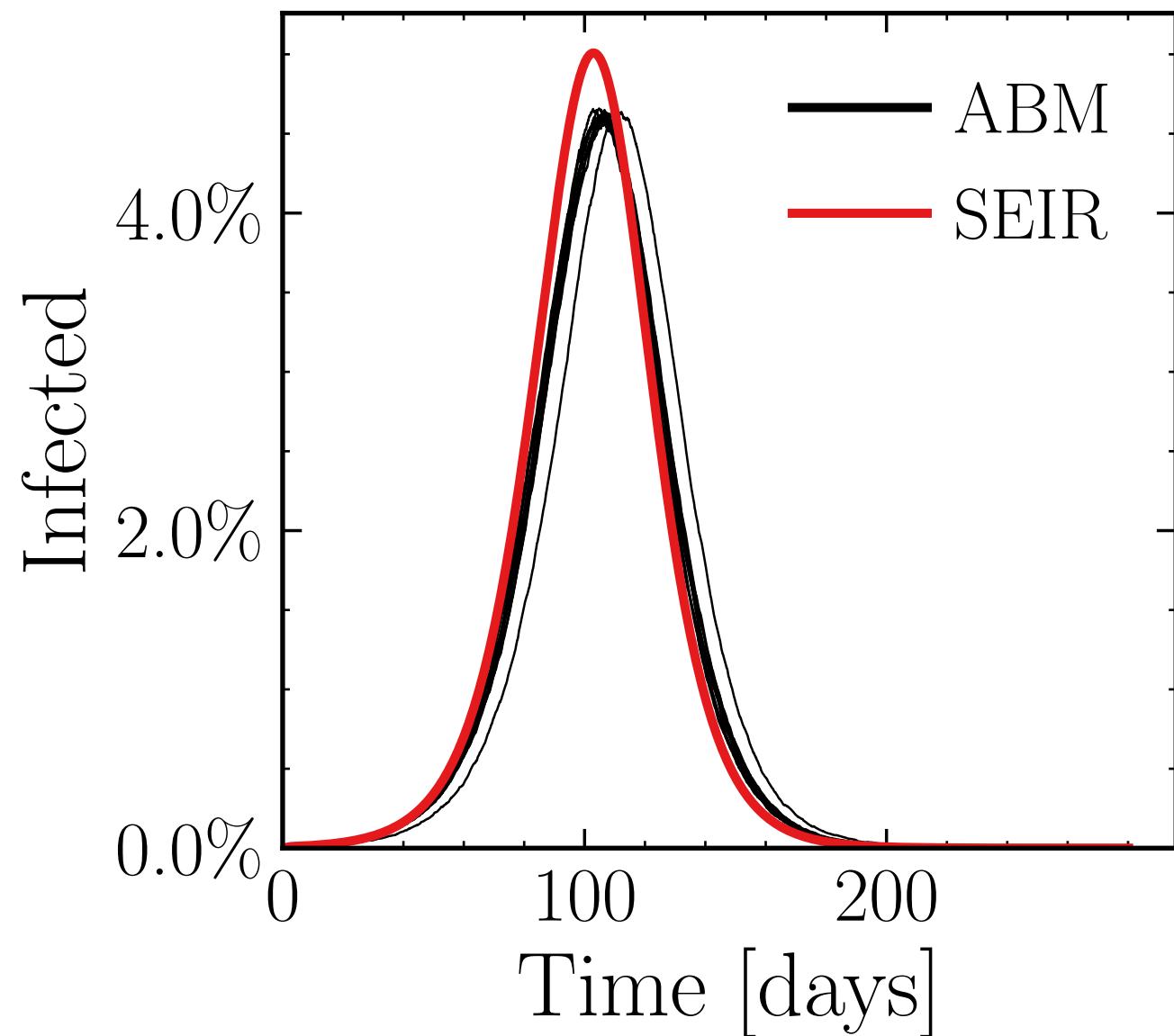
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 4c626e21f1, #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, $N_{\text{init}} = 100$

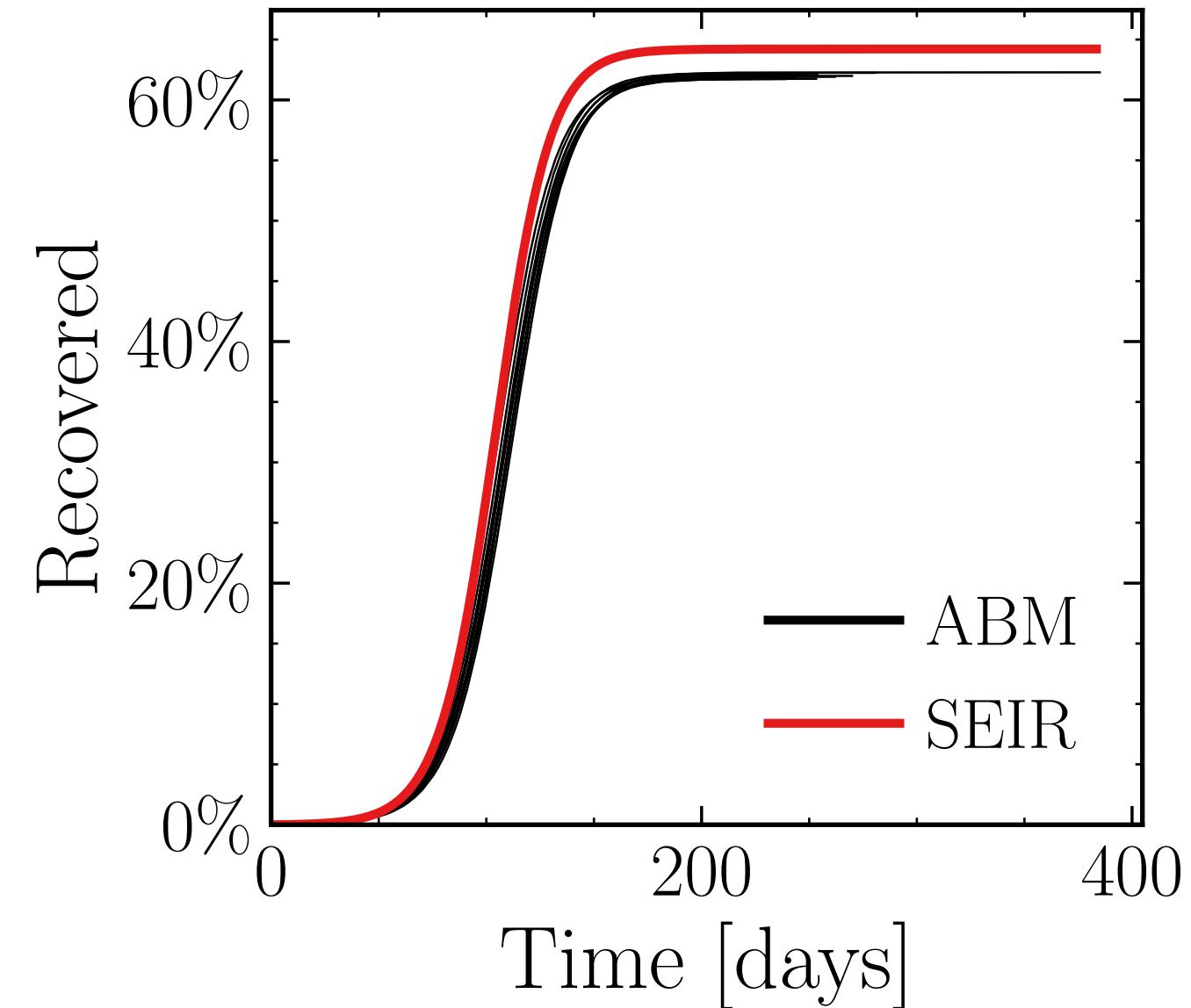
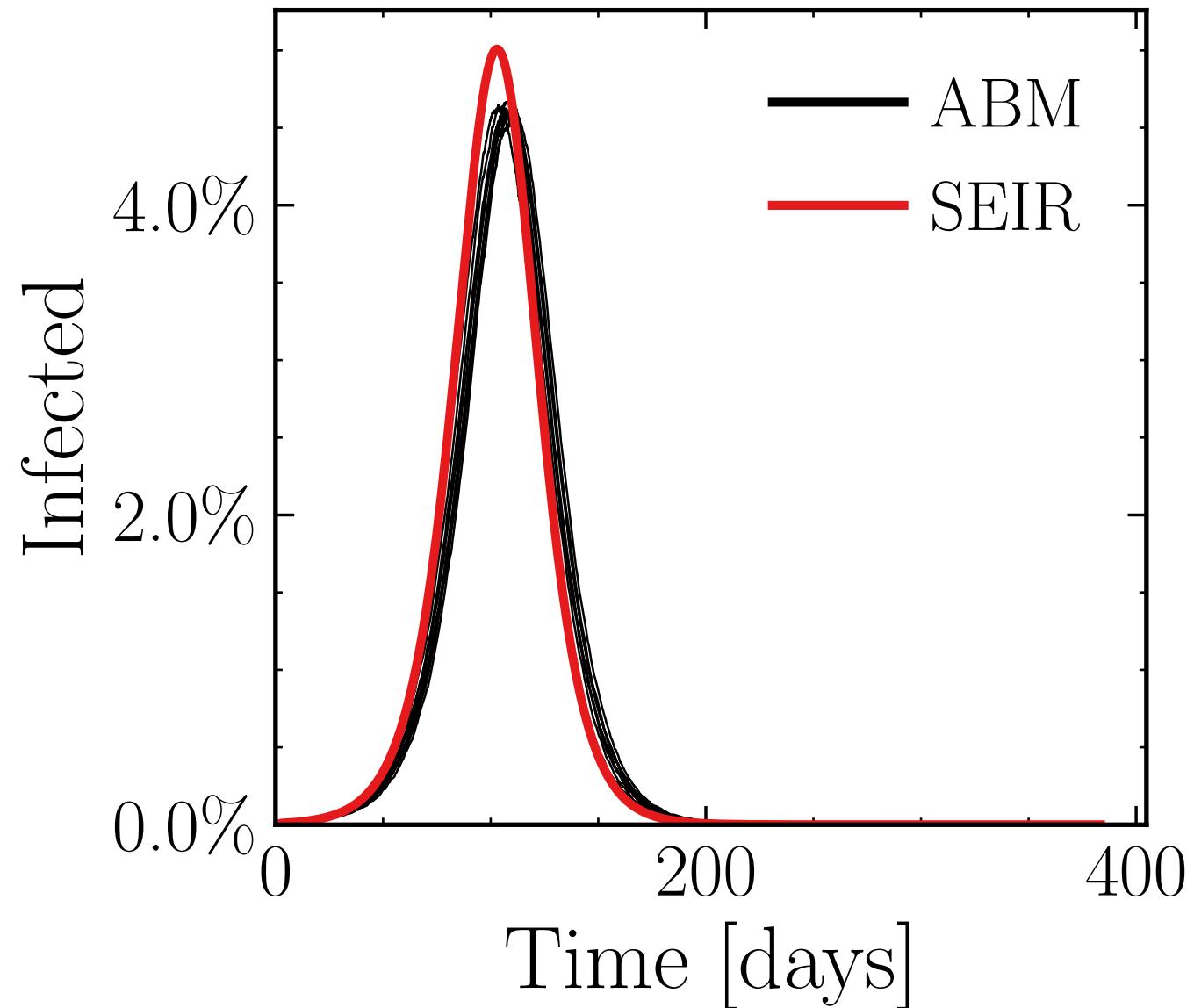
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

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

v. = 1.0, hash = 3c2631a623, #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, $N_{\text{init}} = 100$

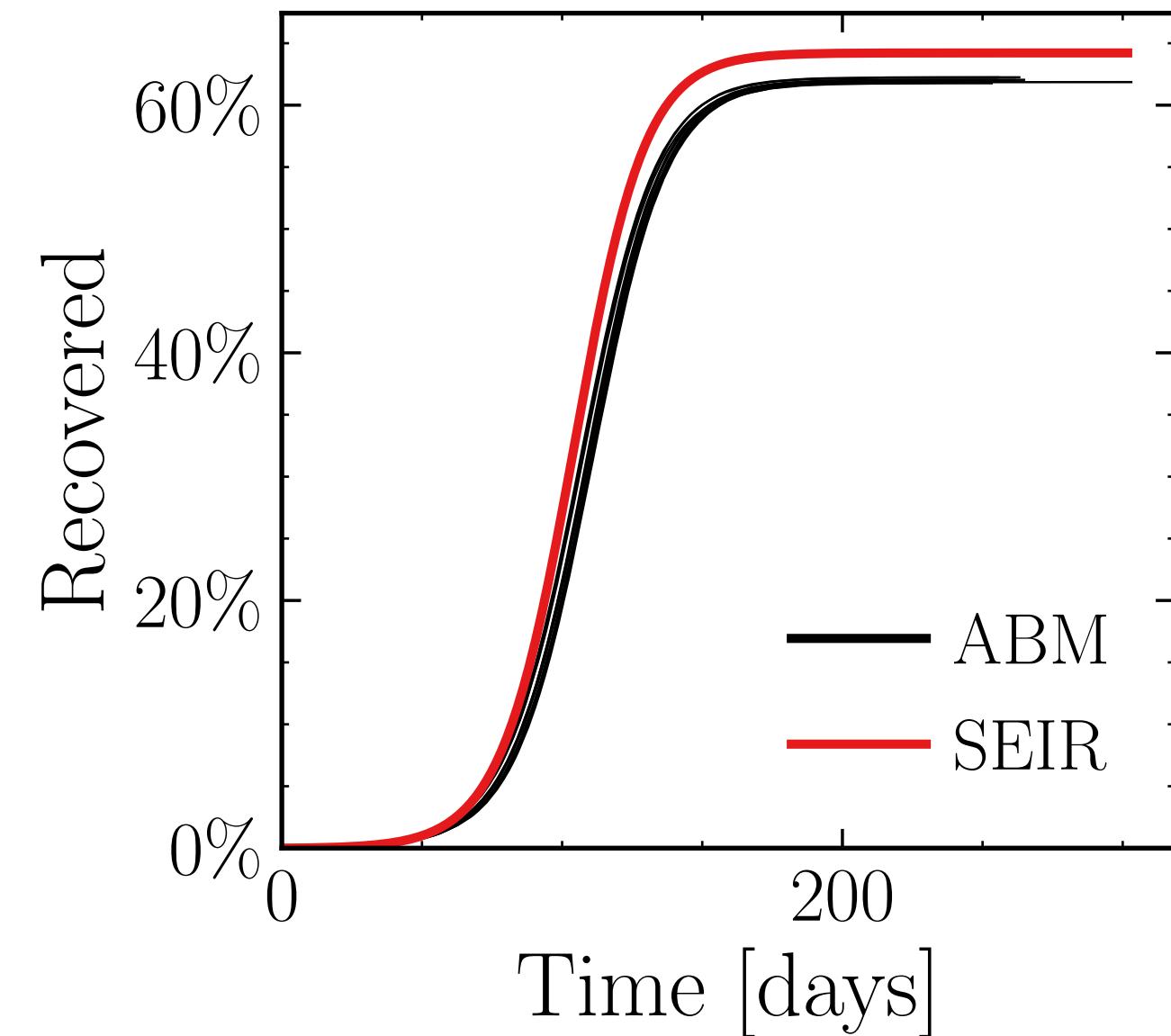
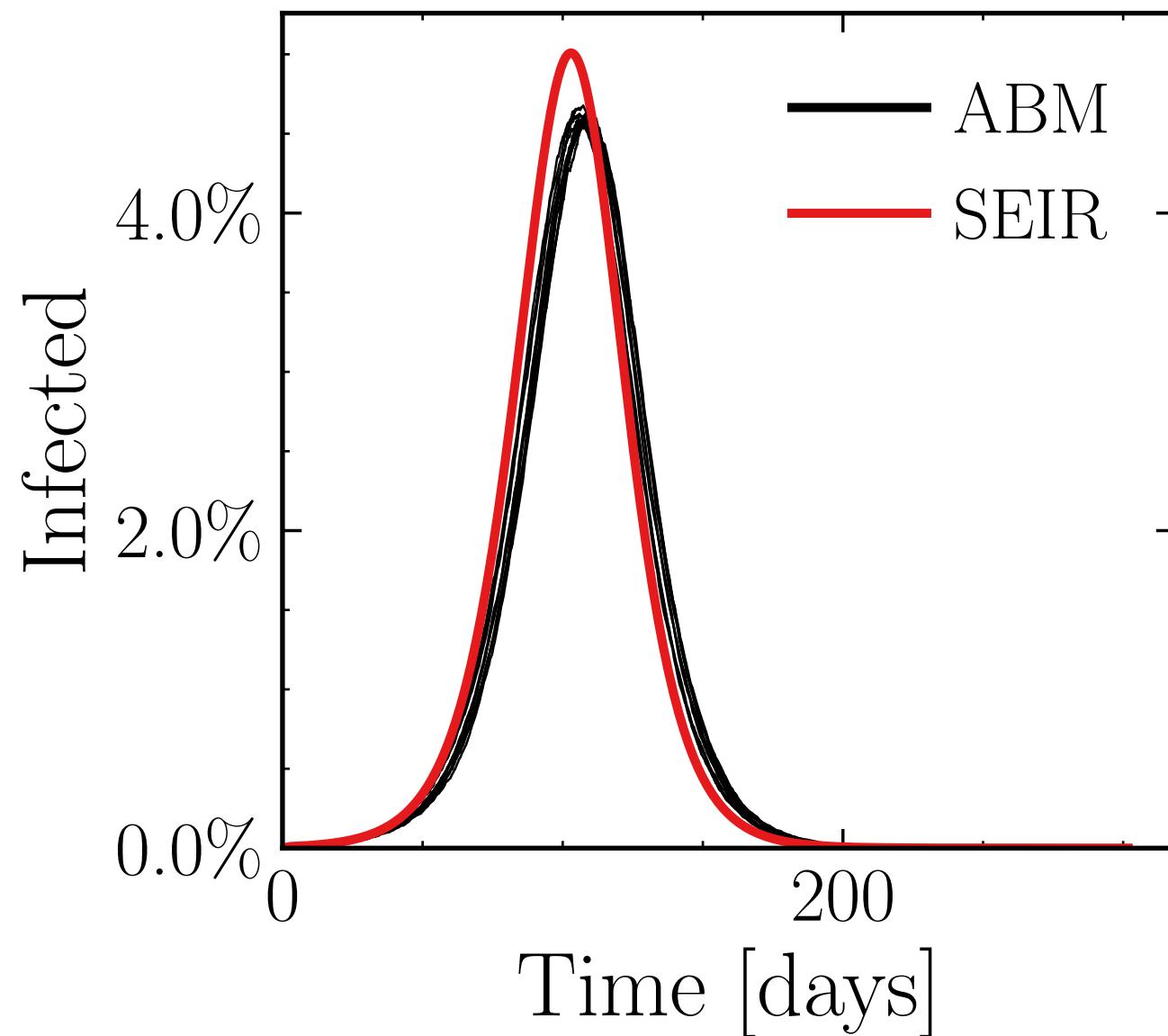
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 9edccfa51, #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, $N_{\text{init}} = 100$

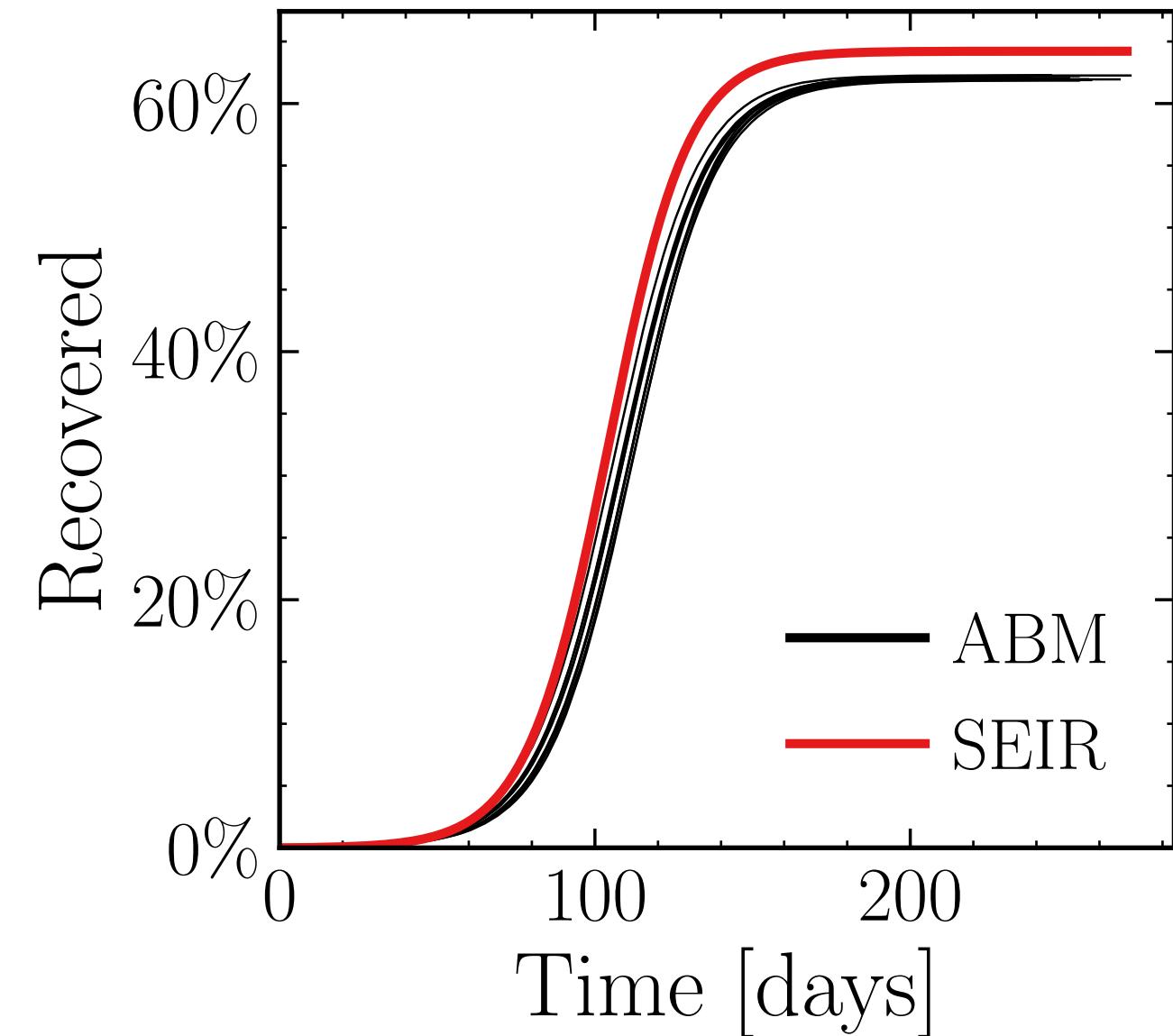
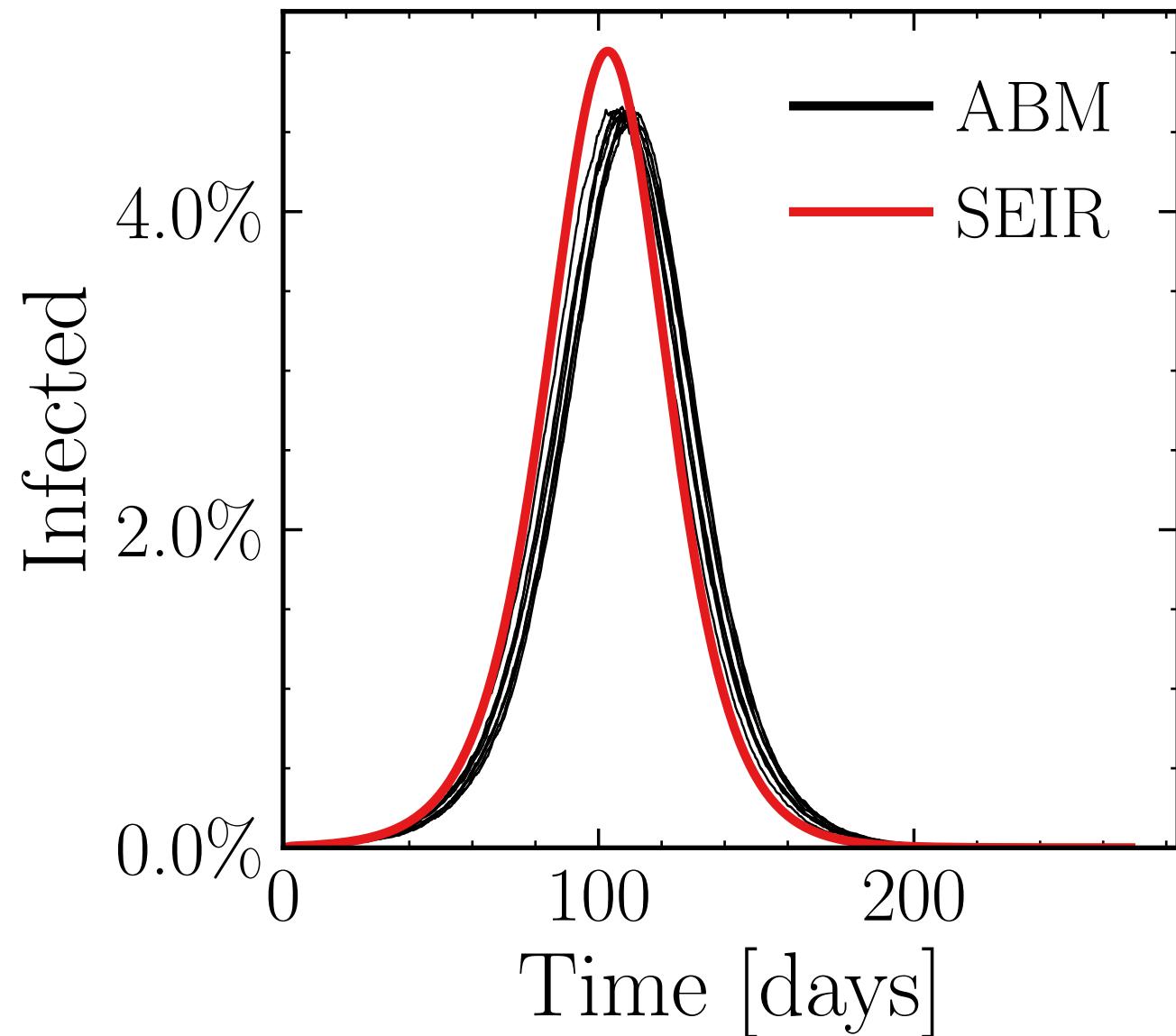
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 2bcd4b2eb9, #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, $N_{\text{init}} = 100$

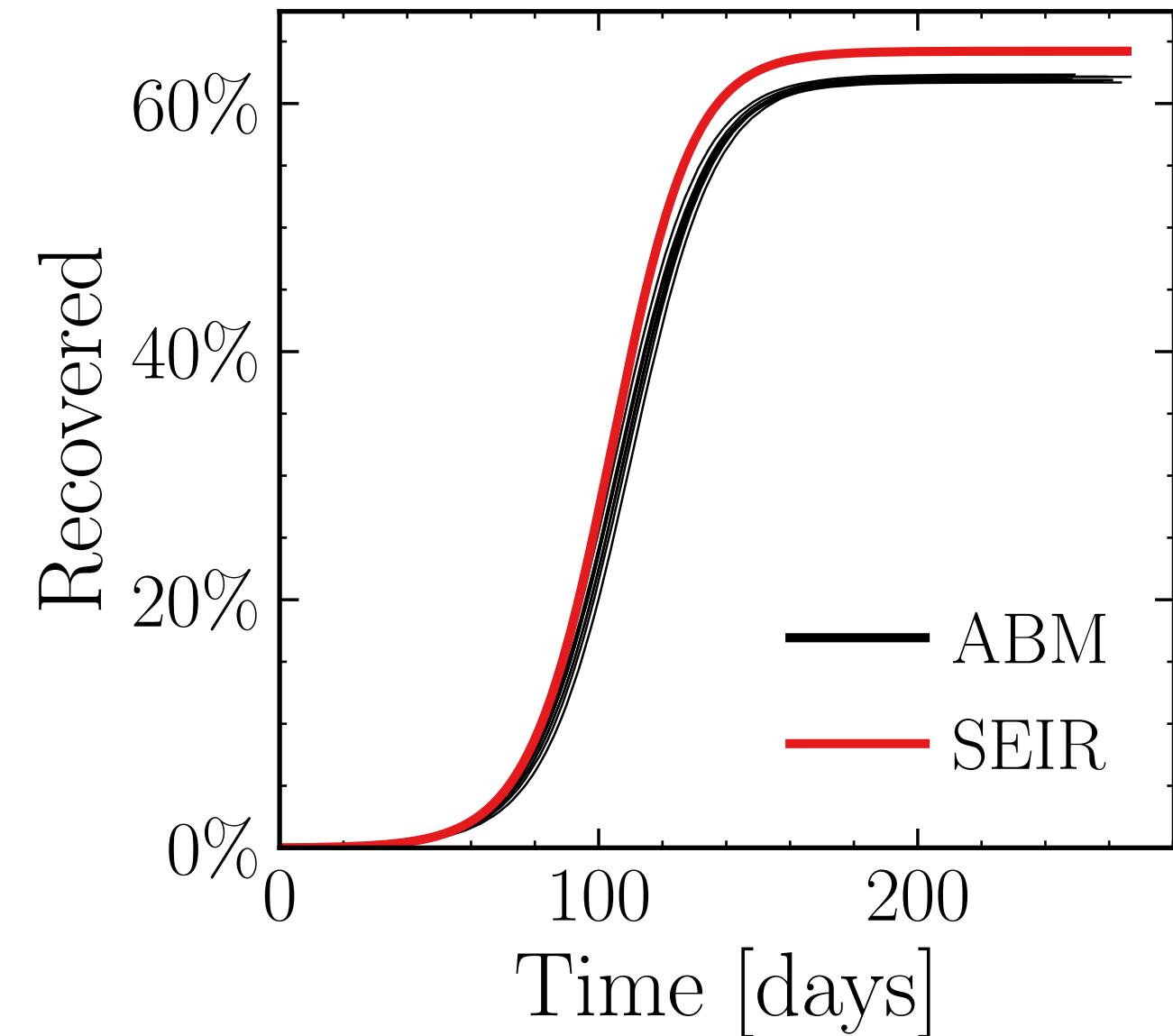
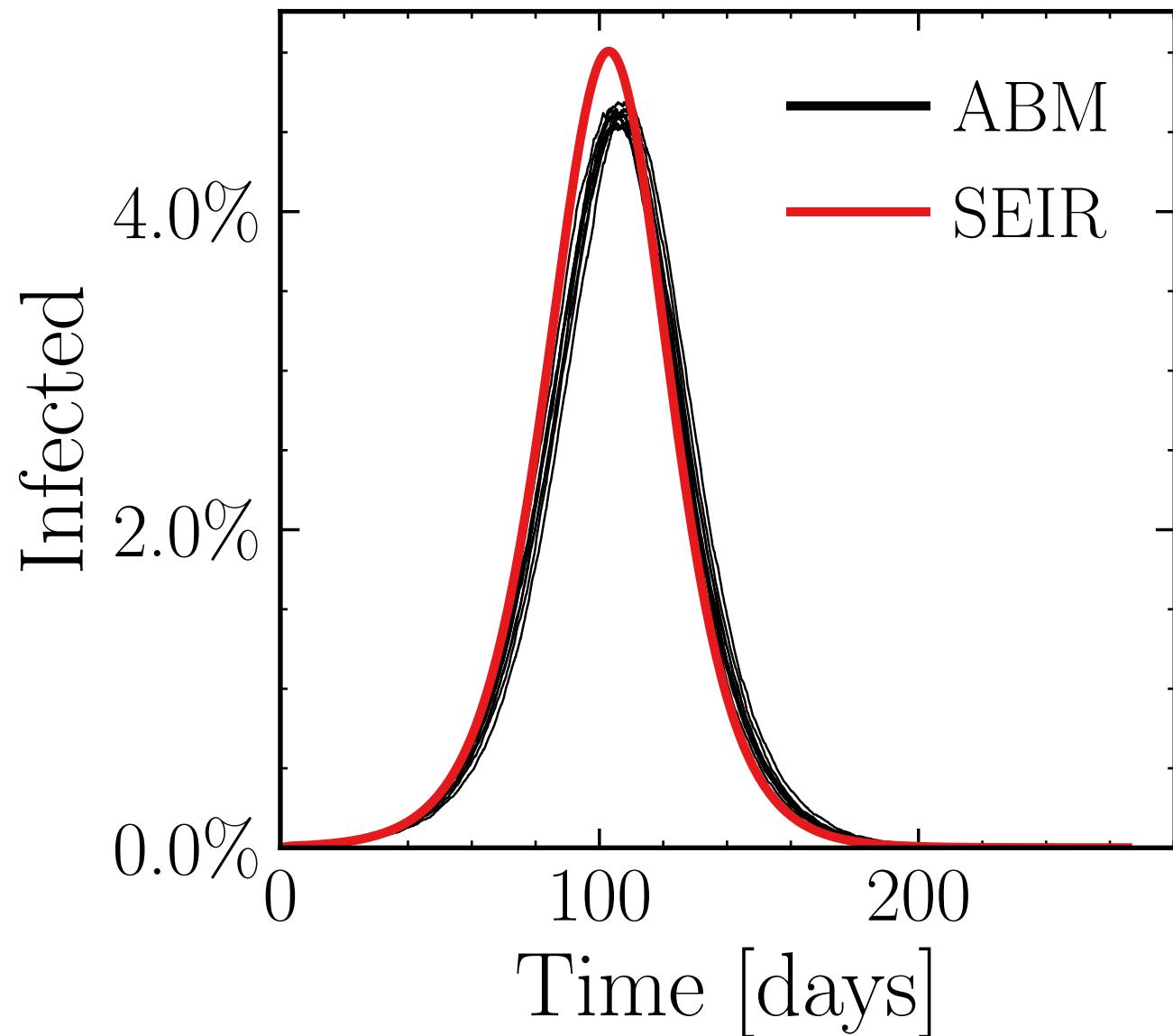
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 802d211a2d, #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, $N_{\text{init}} = 100$

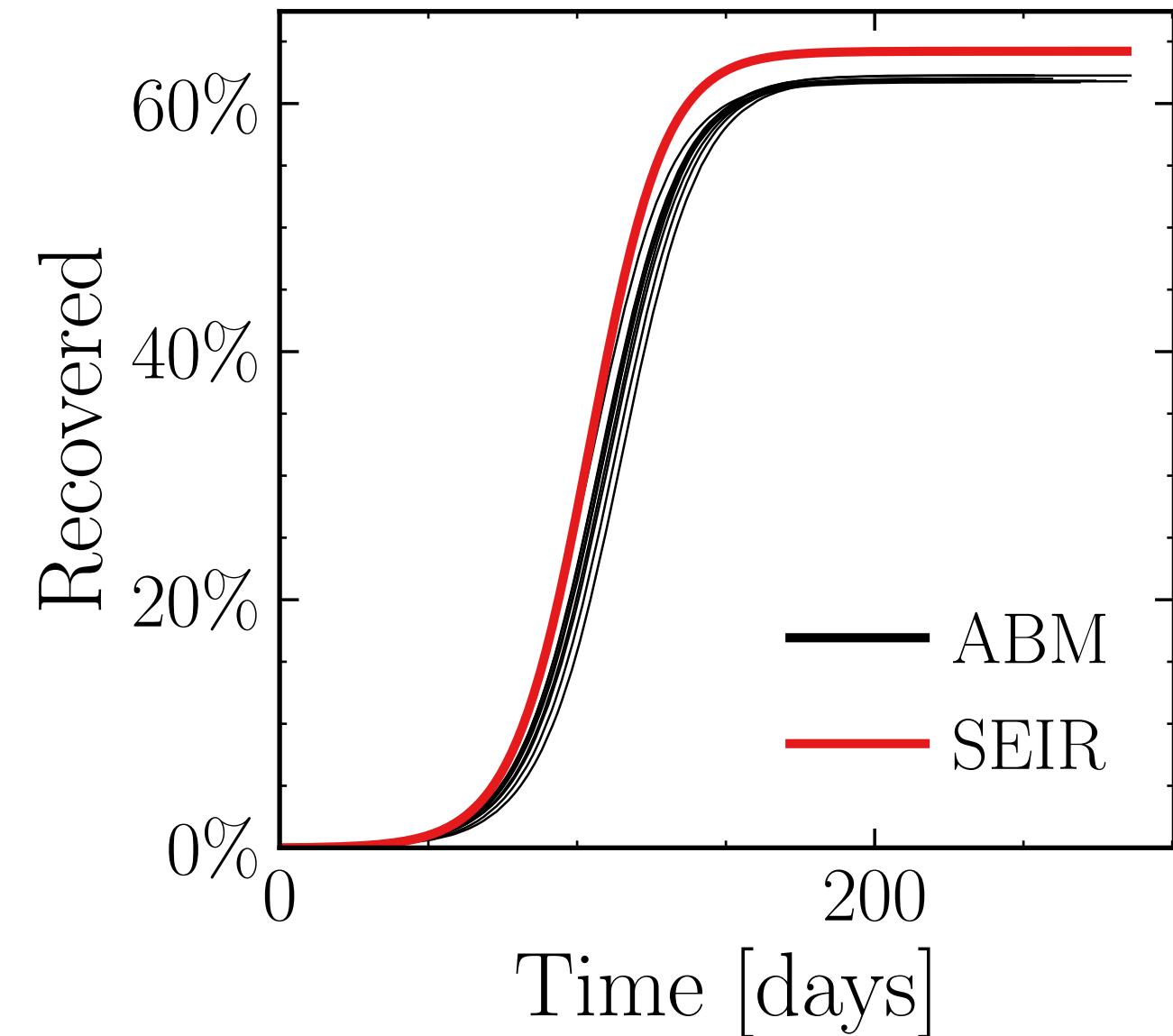
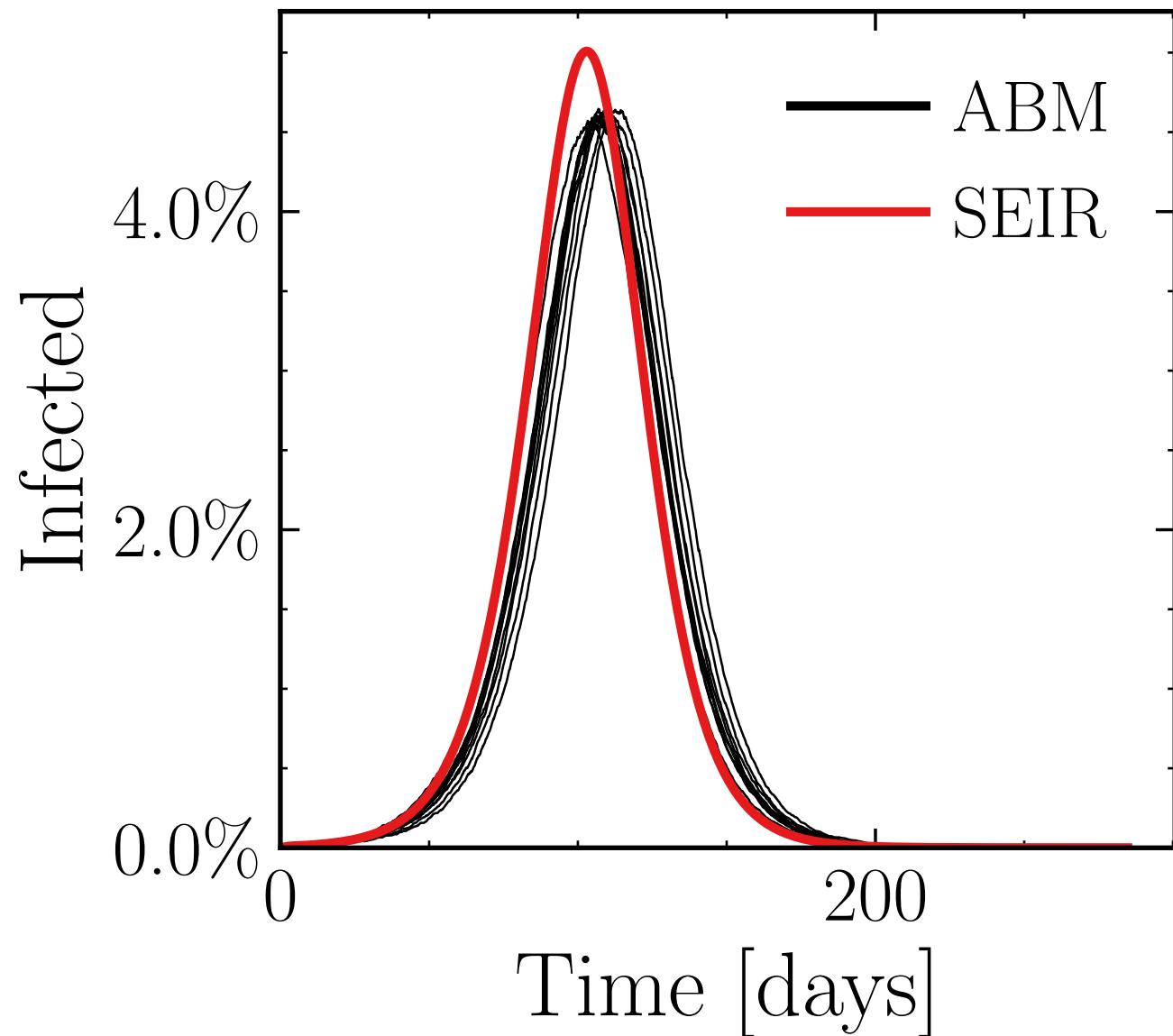
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 90e0a24c60, #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, $N_{\text{init}} = 100$

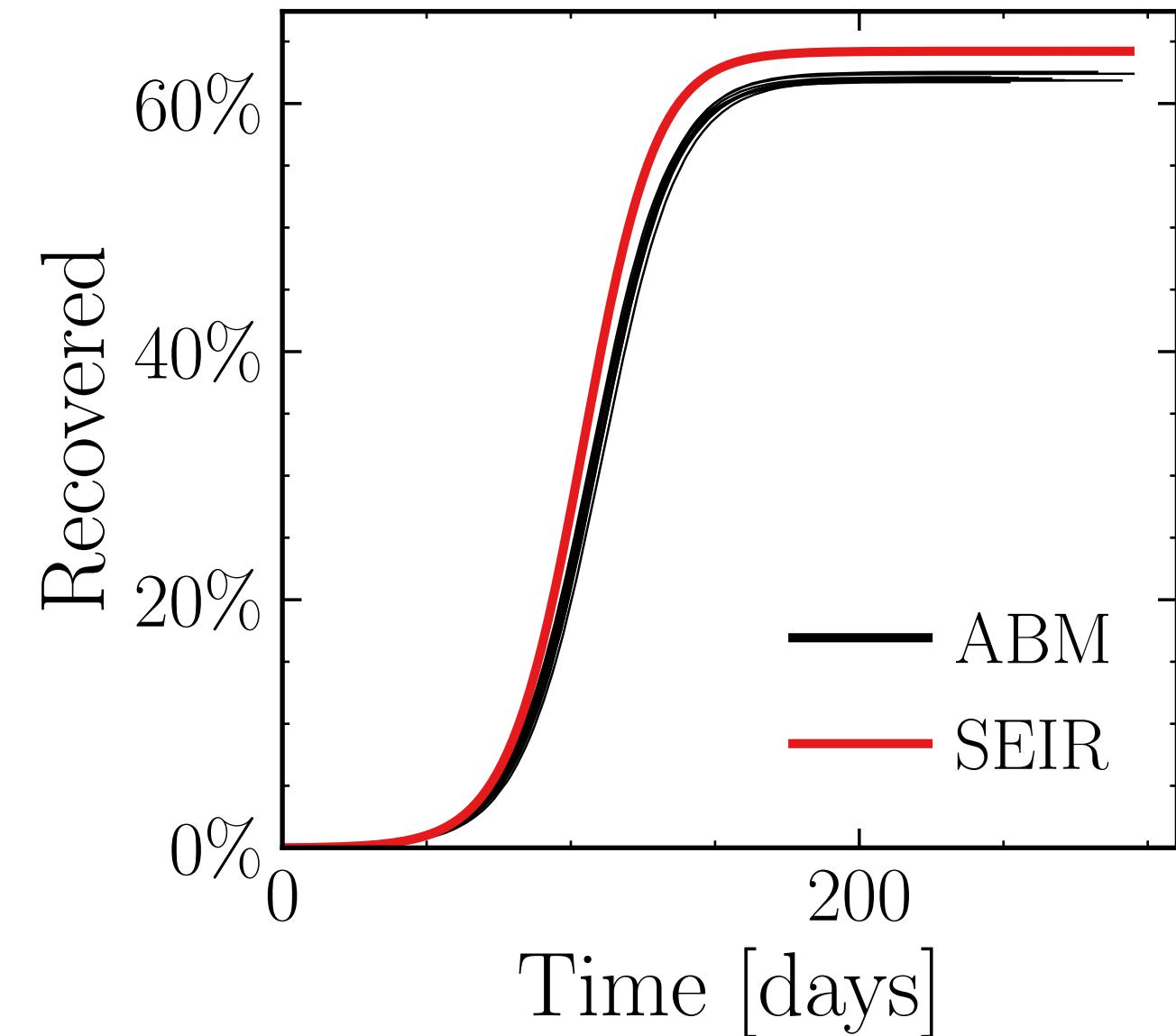
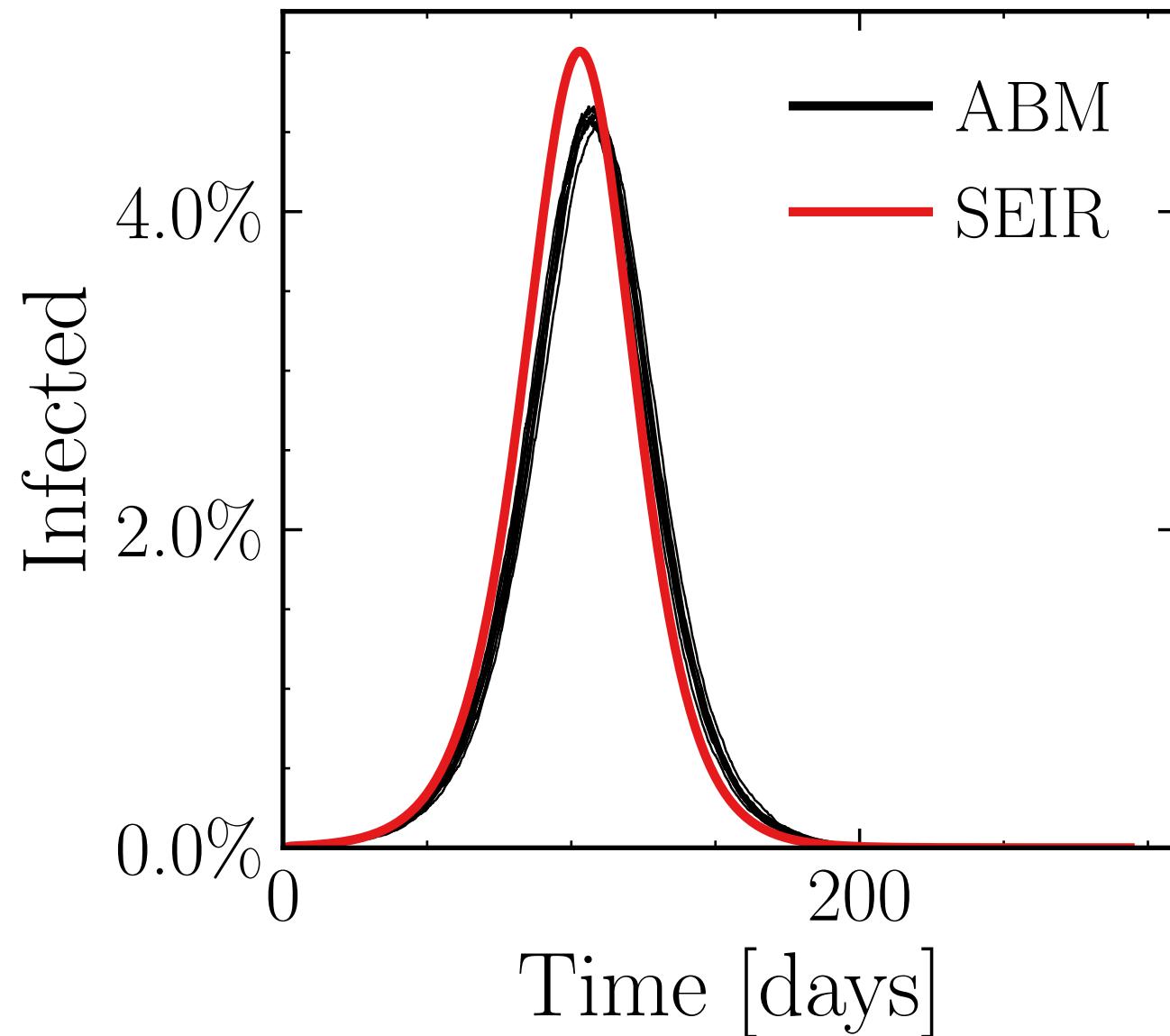
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 0d317e2c73, #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, $N_{\text{init}} = 100$

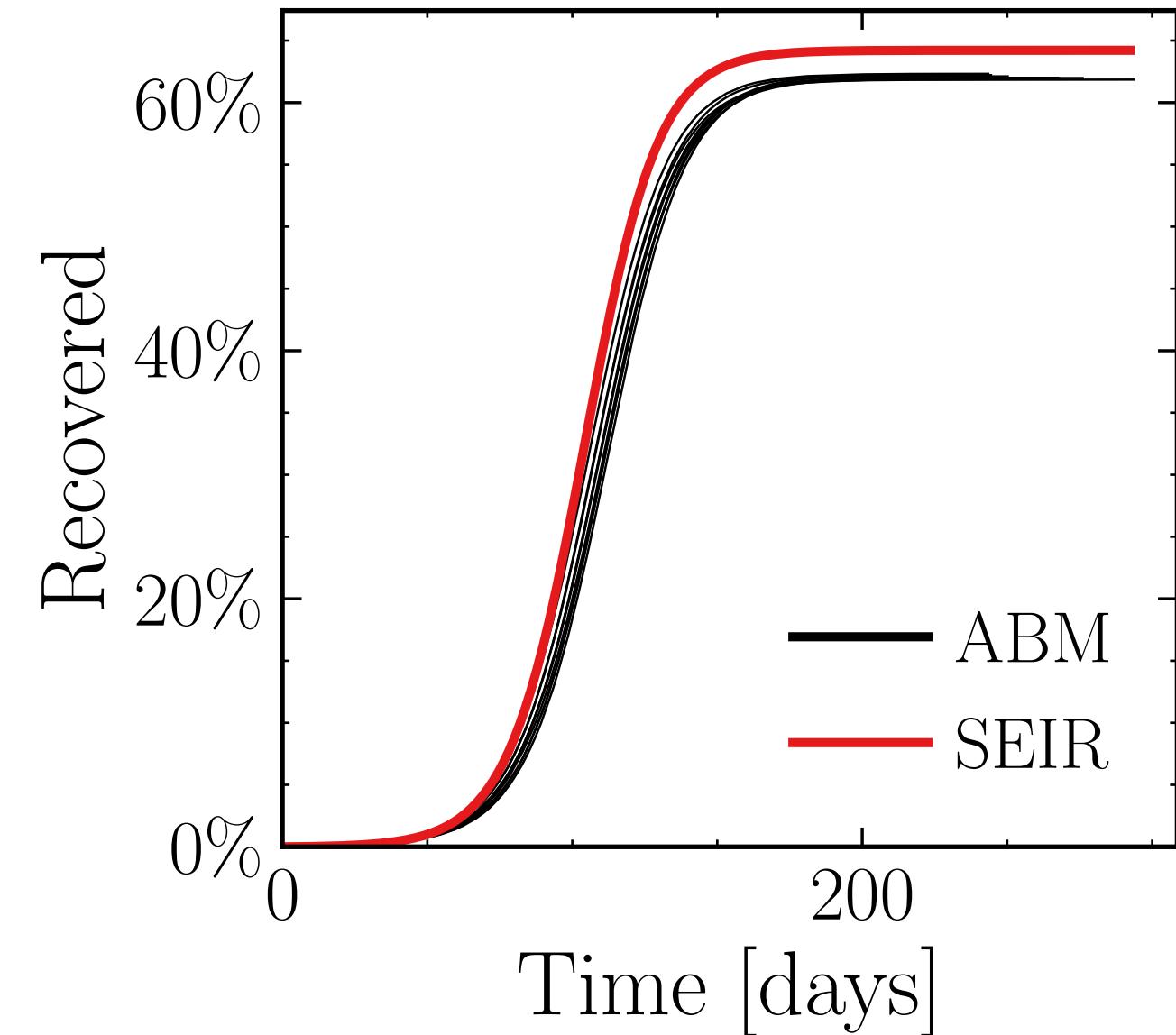
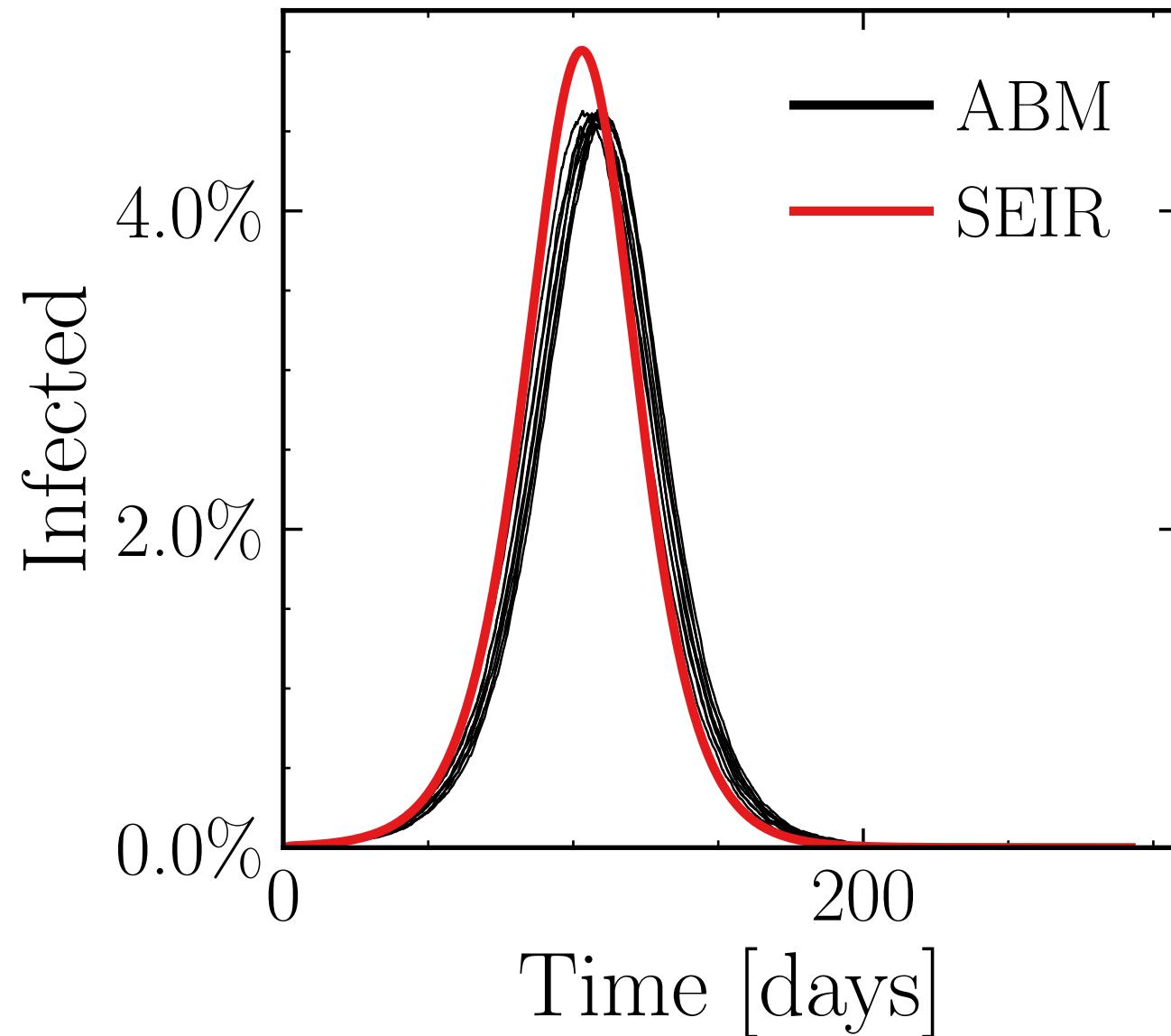
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

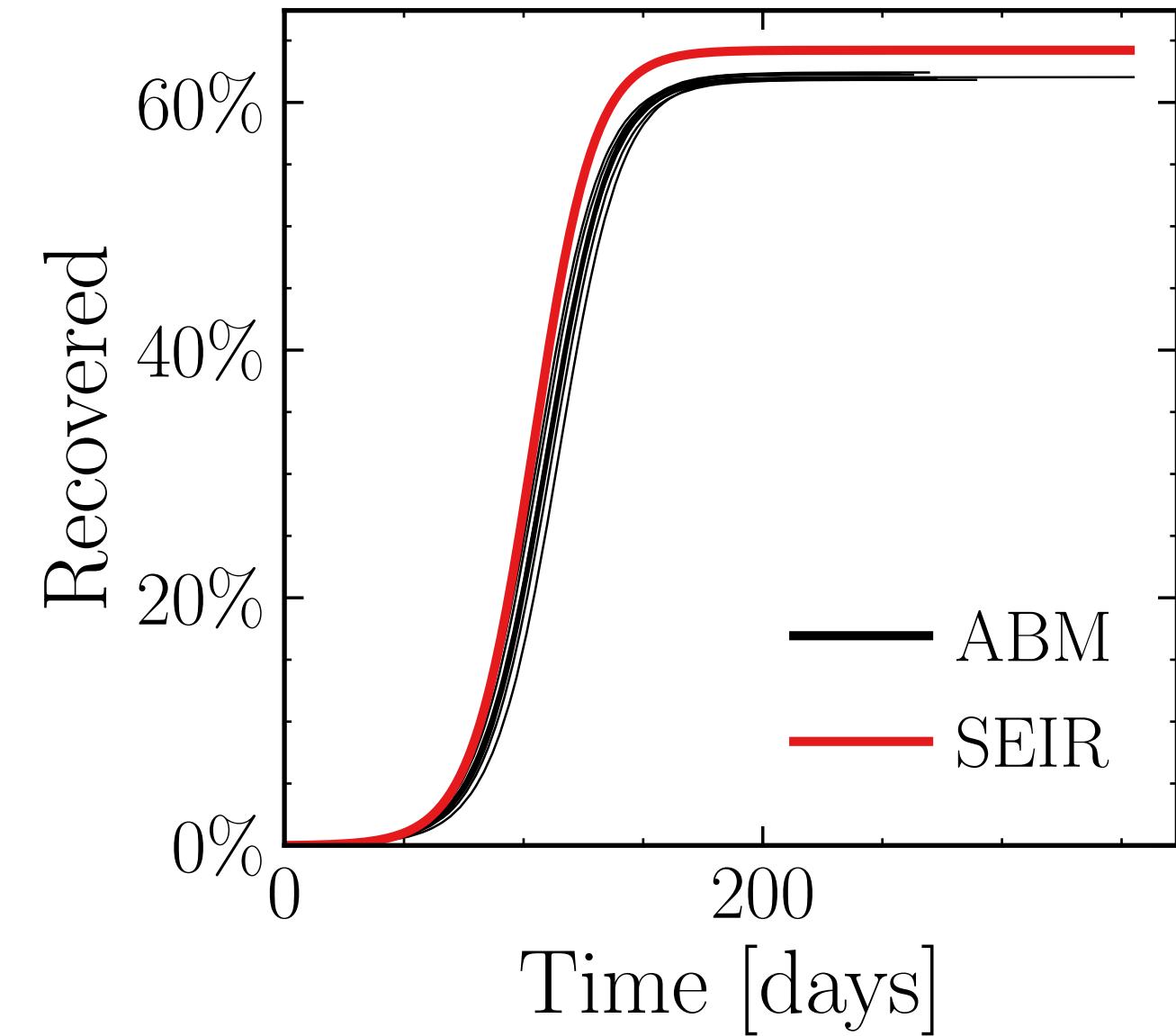
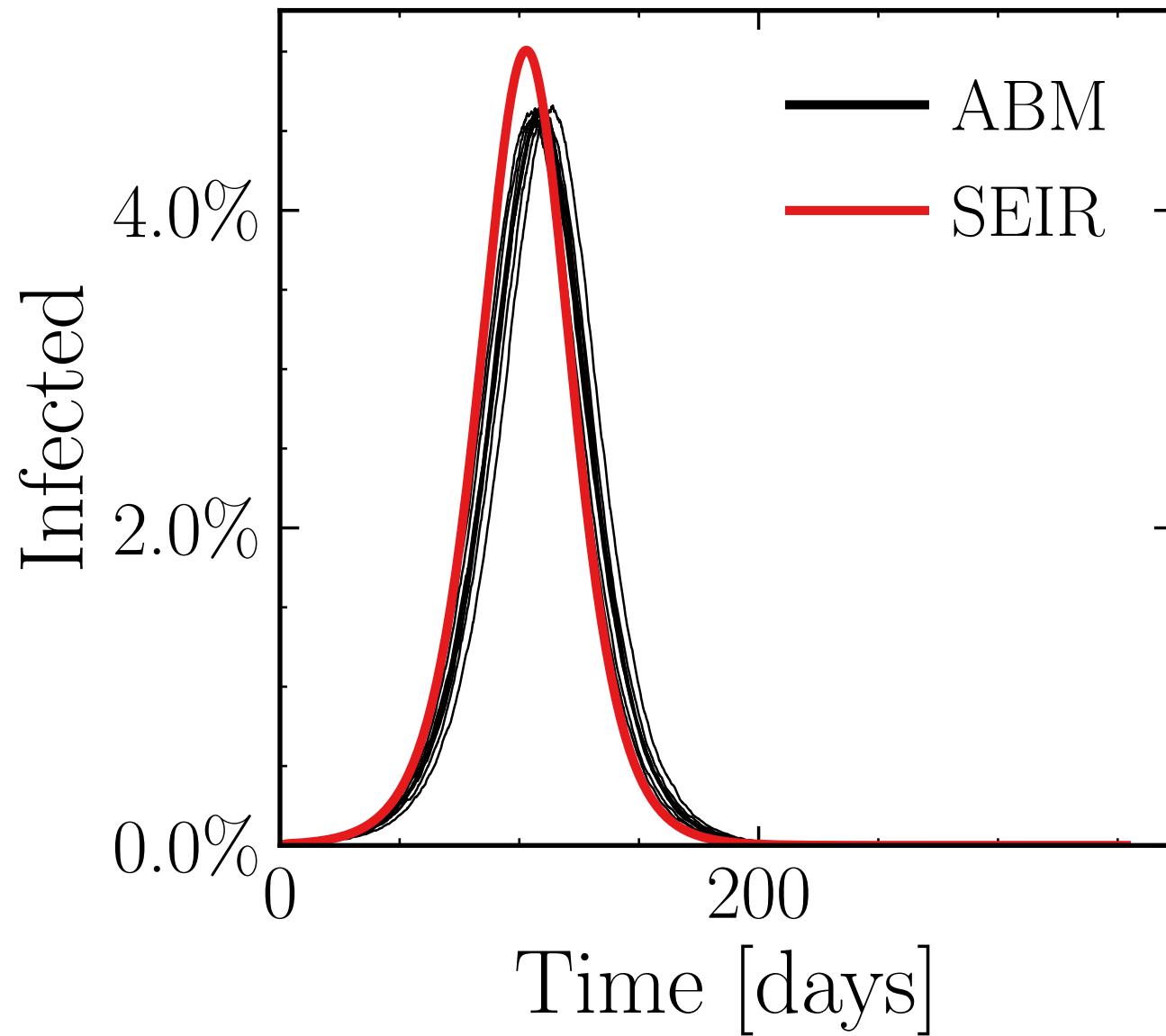
$I_{\text{peak}}^{\text{ABM}} = (26.68 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 21a3dfb18b, #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_{peak}} = 100, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (26.75 \pm 0.23\%) \cdot 10^3$ v. = 1.0, hash = 73f2bc791e, #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, $N_{\text{init}} = 100$

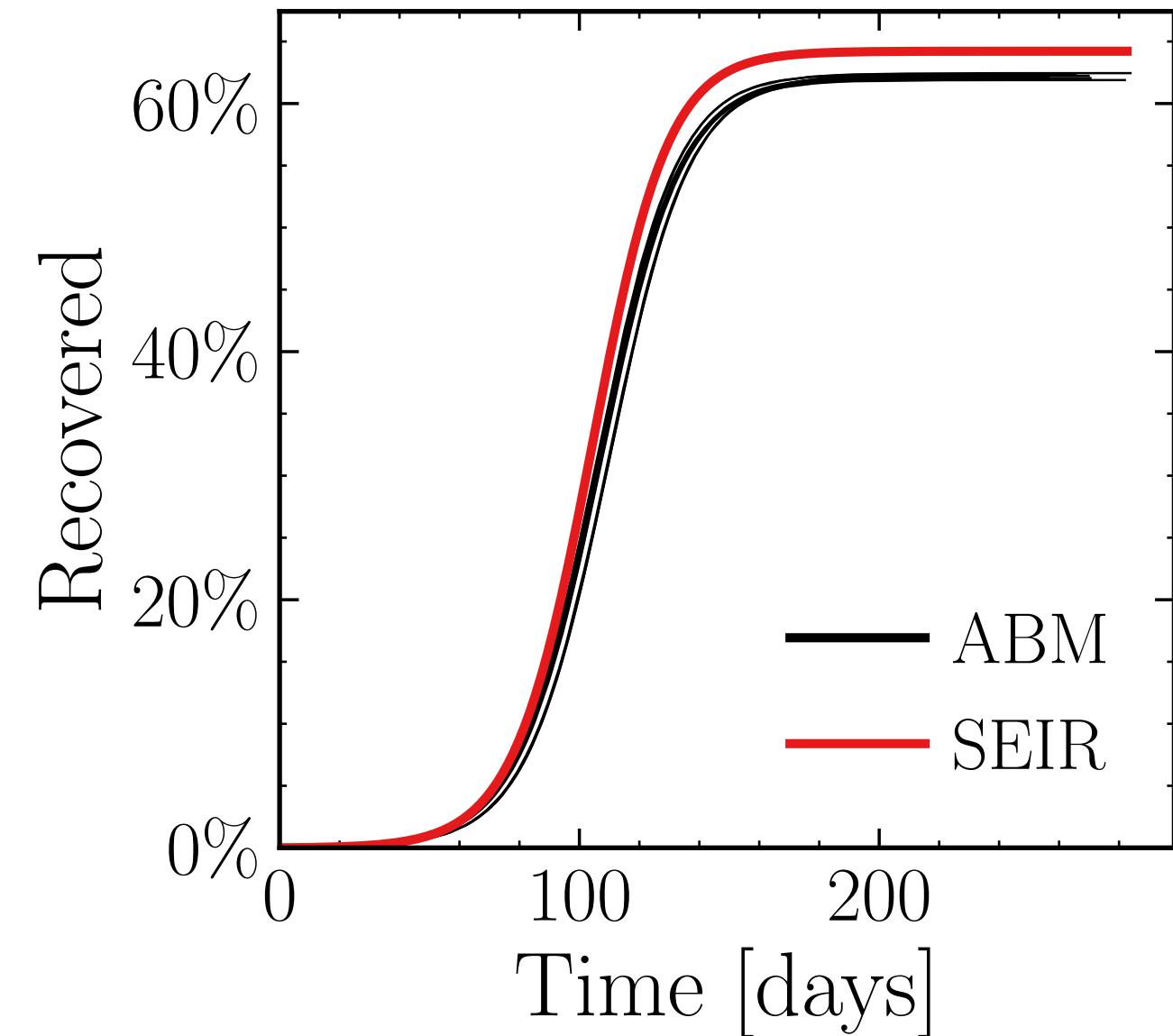
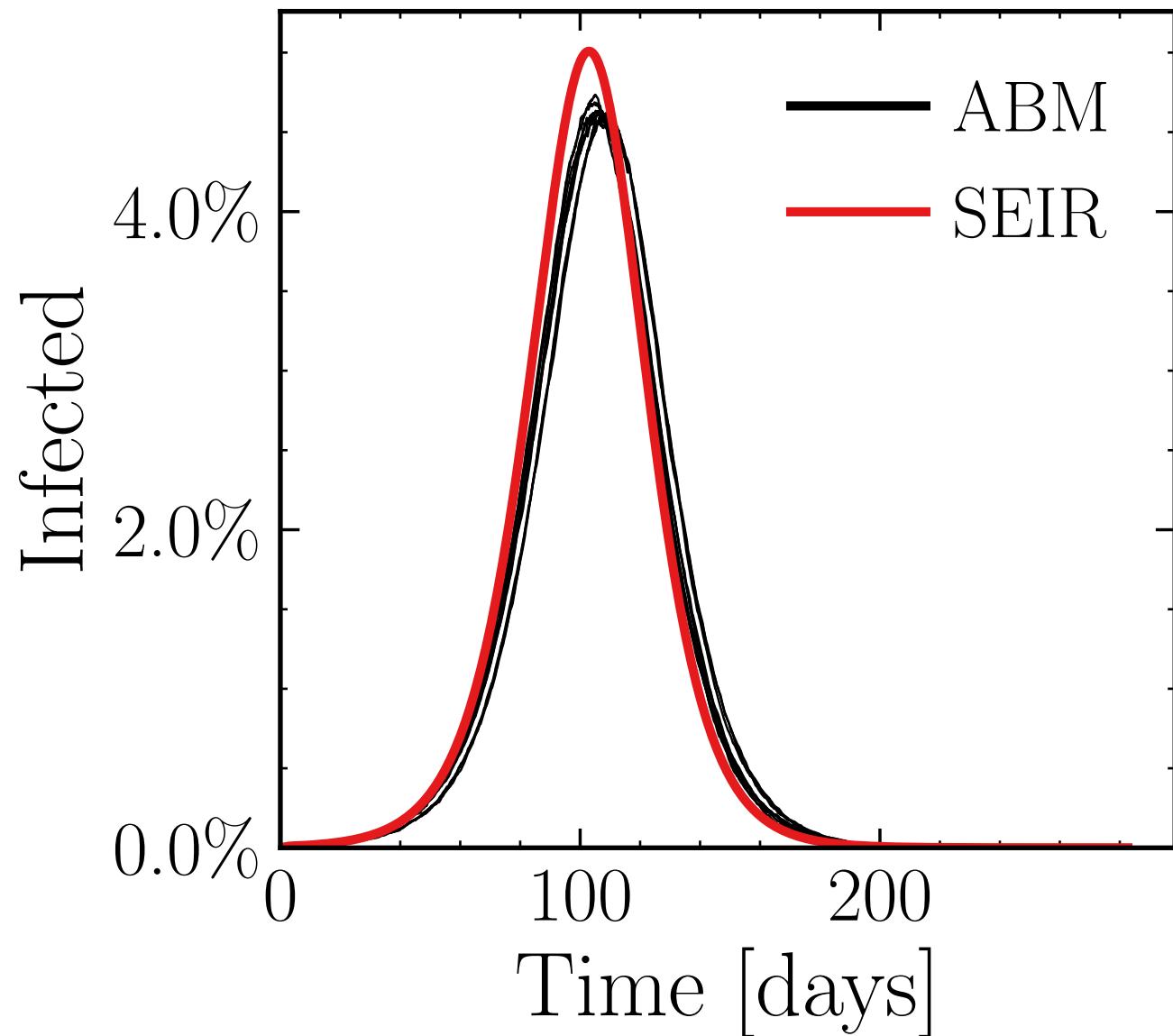
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 021f564d36, #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, $N_{\text{init}} = 100$

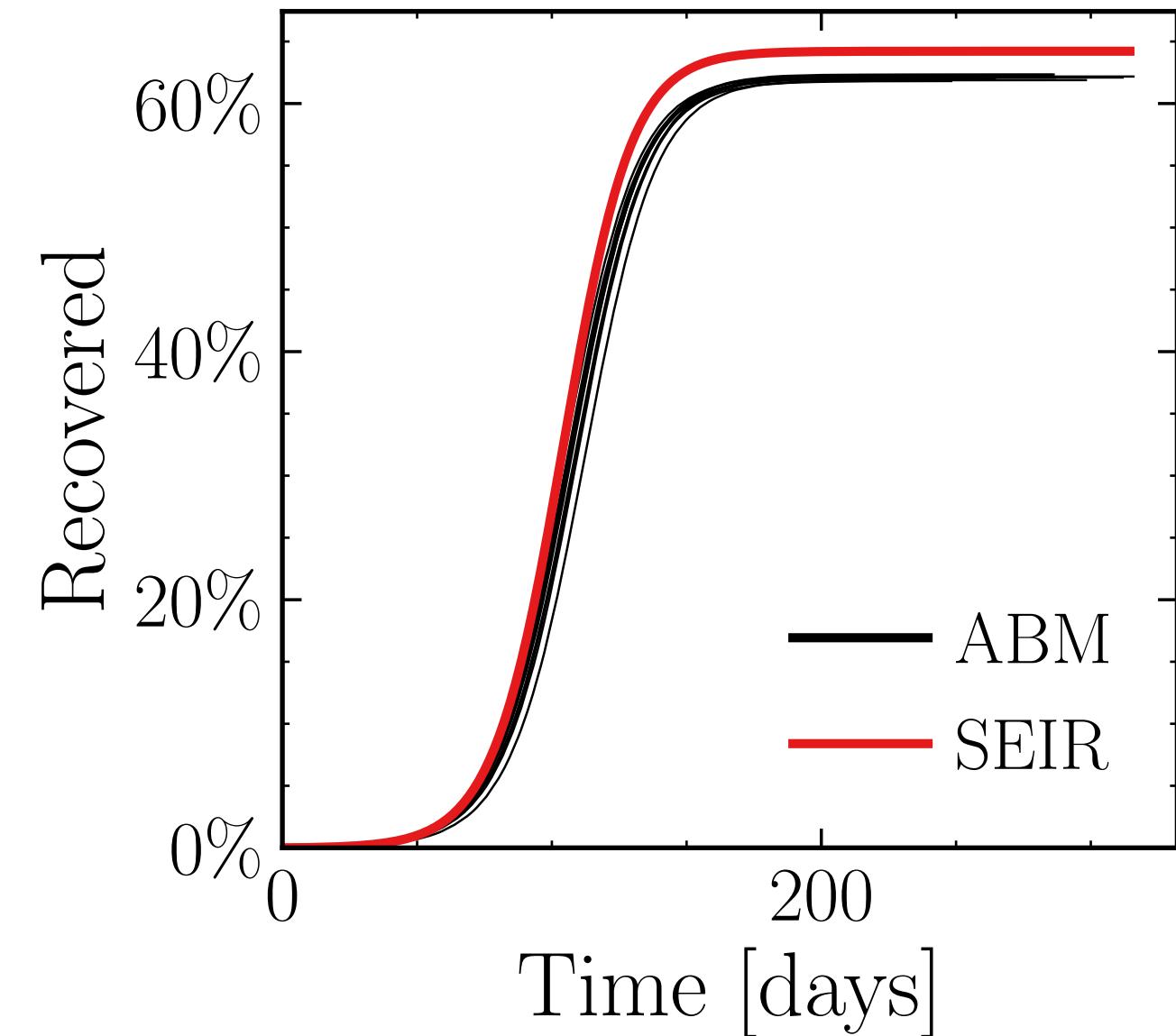
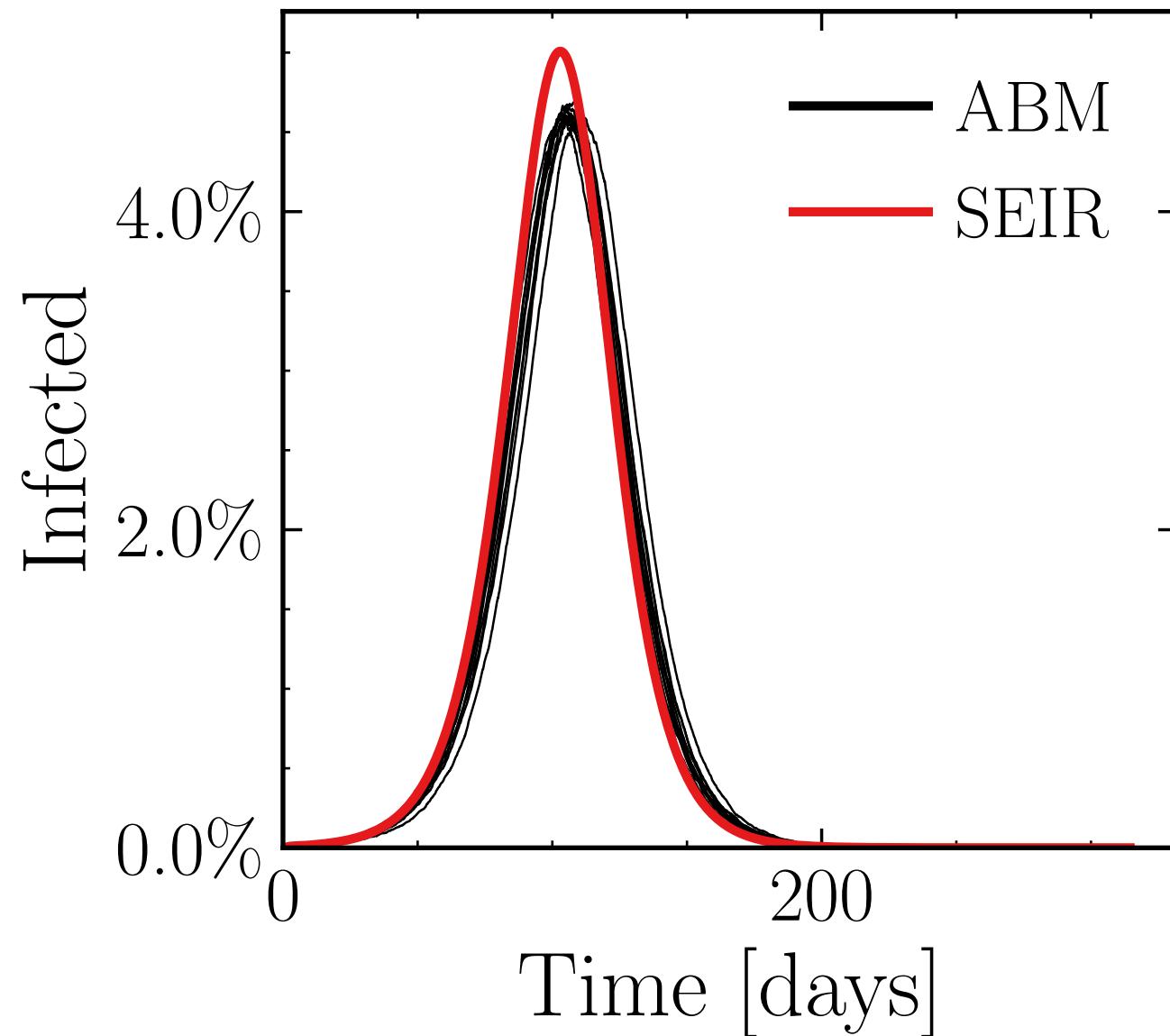
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5eae0bc82e, #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, $N_{\text{init}} = 100$

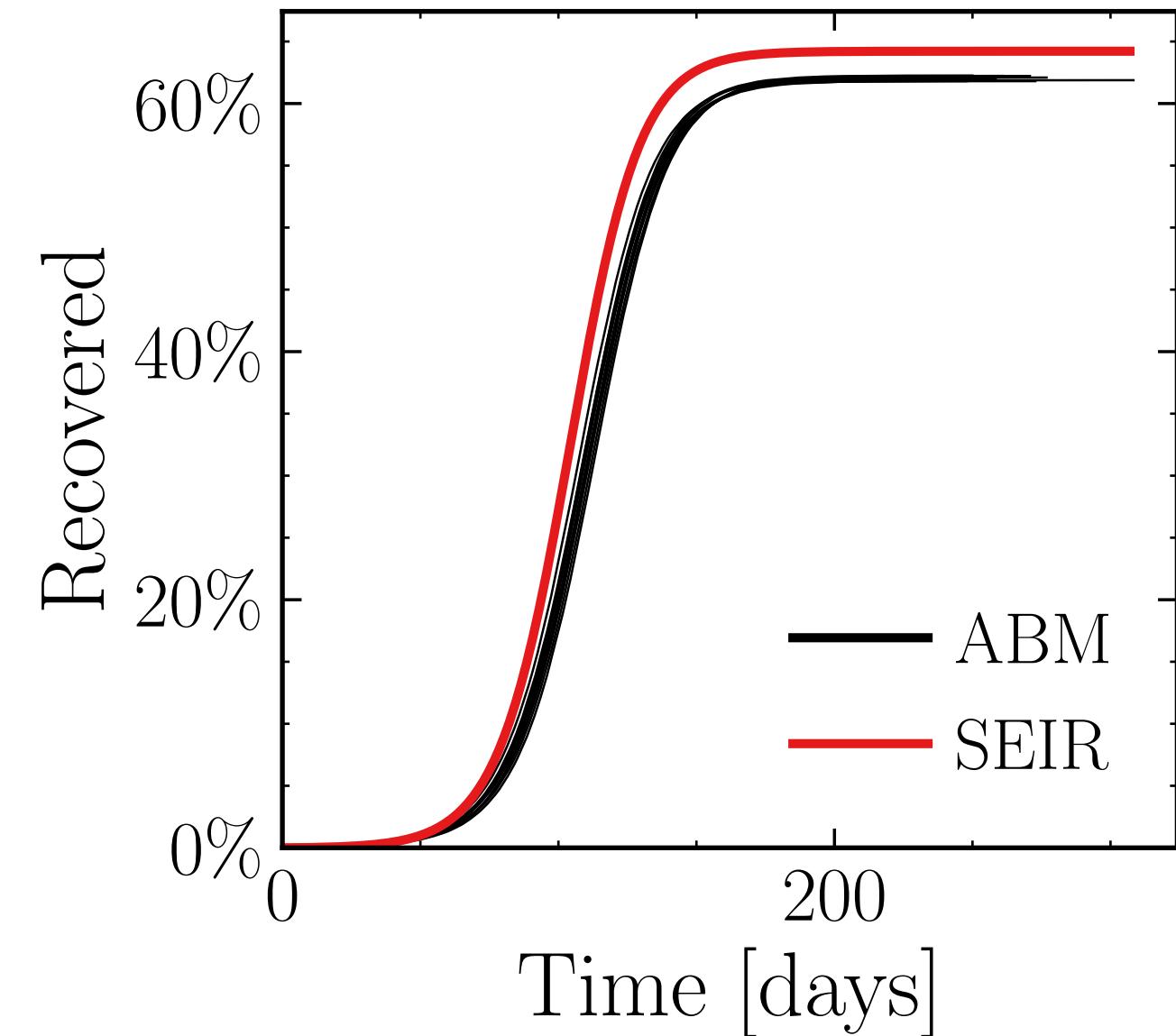
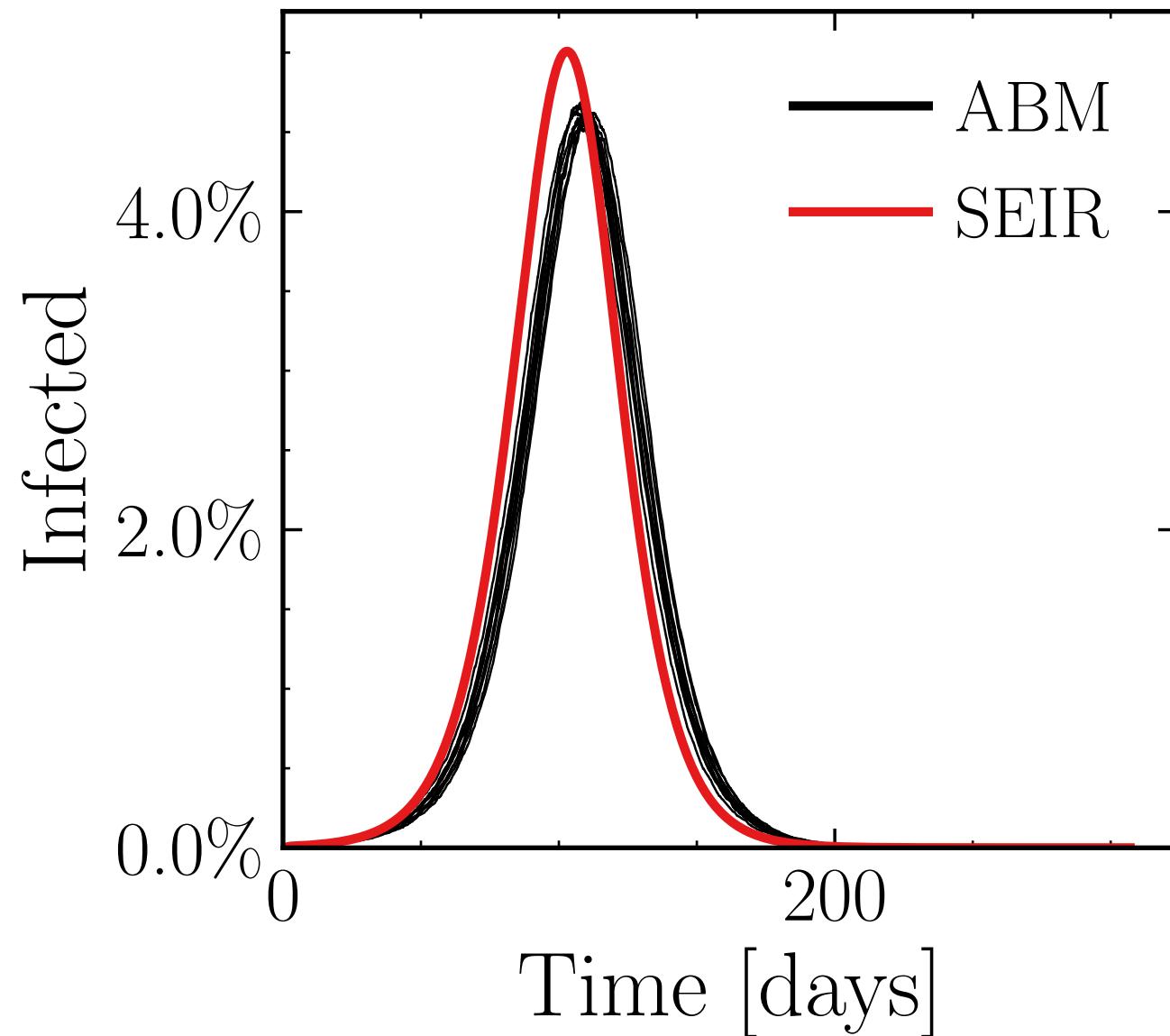
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = af8640819c, #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, $N_{\text{init}} = 100$

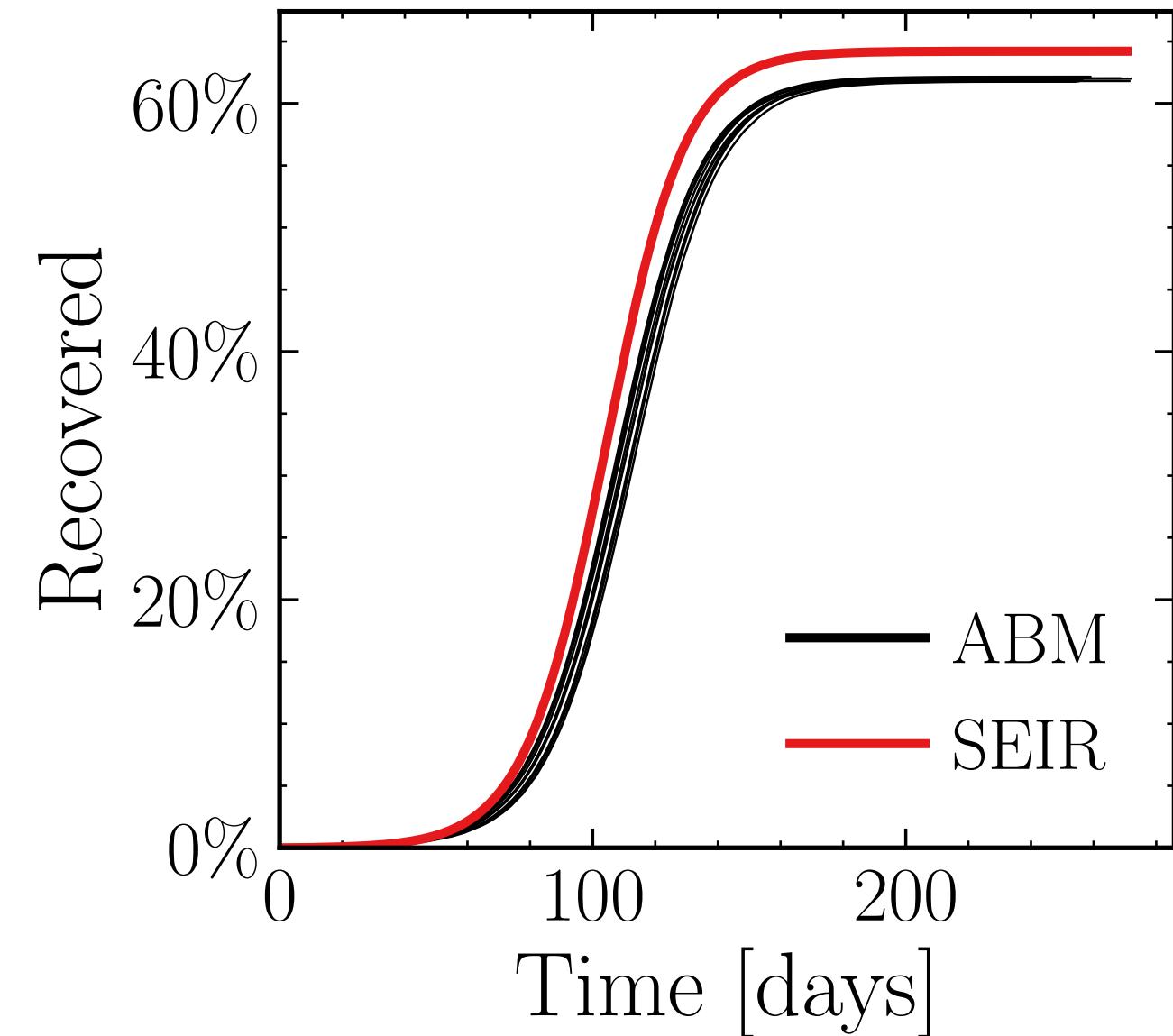
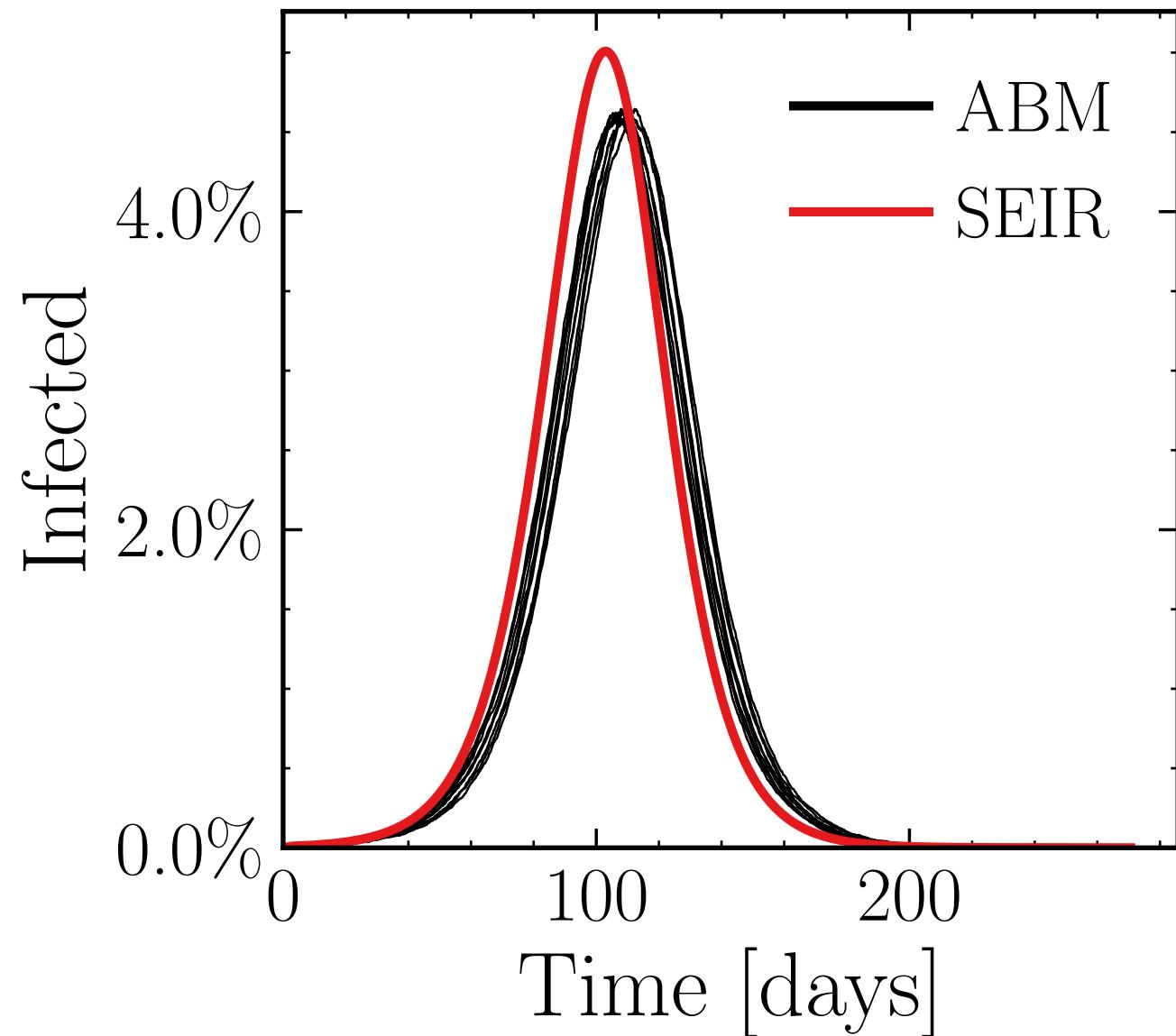
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = e37aba7b73, #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, $N_{\text{init}} = 100$

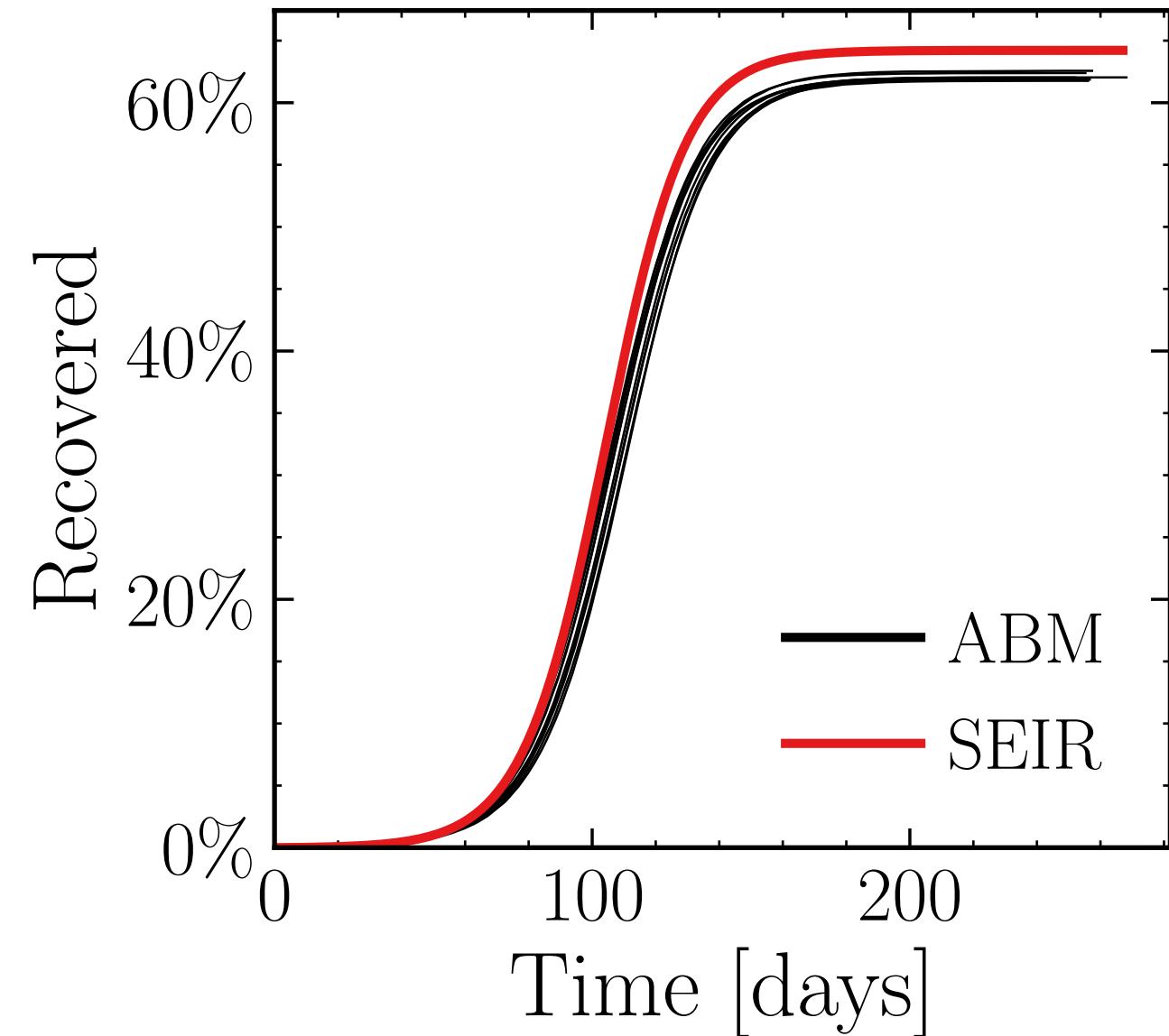
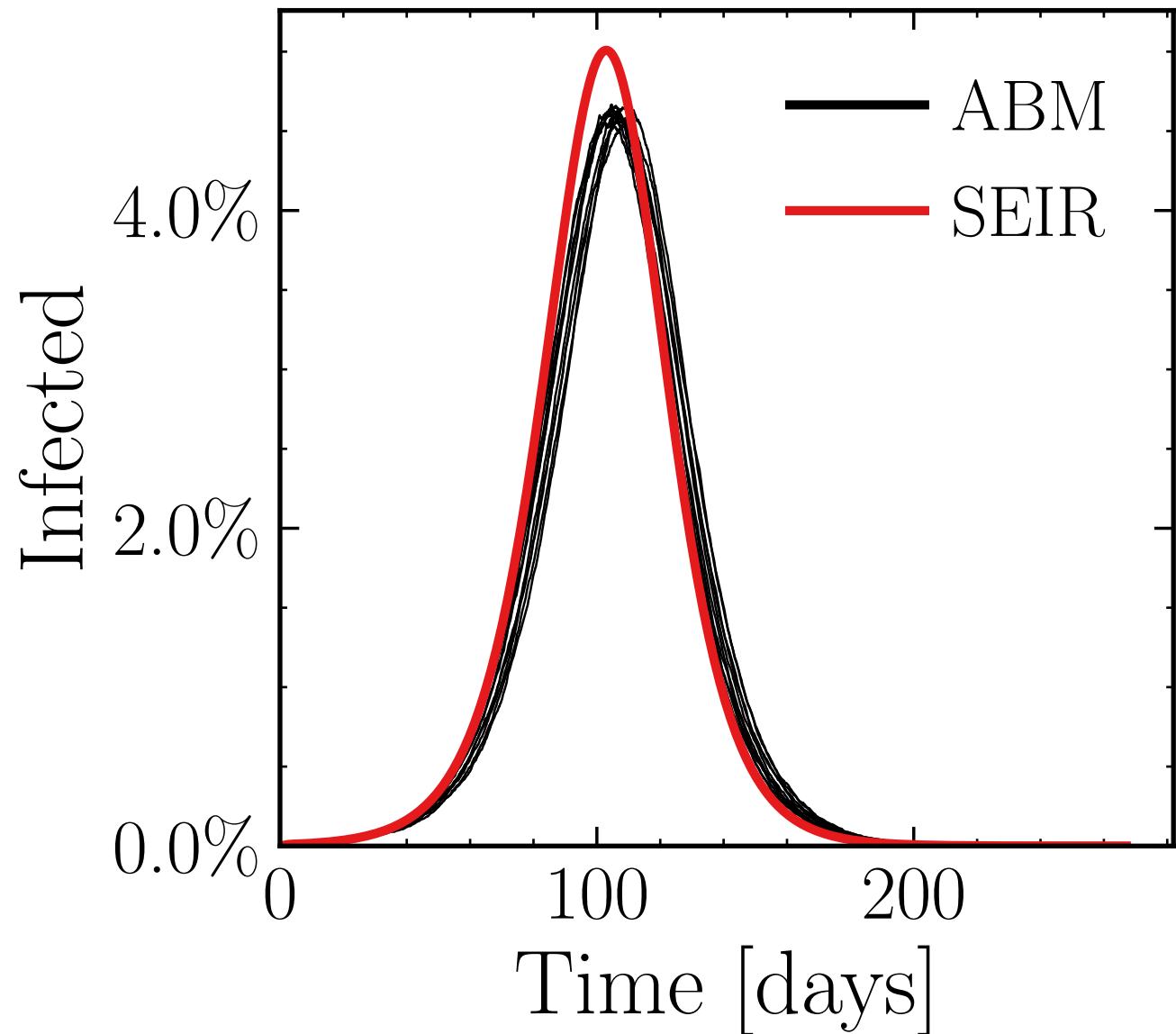
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = c86e8ef60c, #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, $N_{\text{init}} = 100$

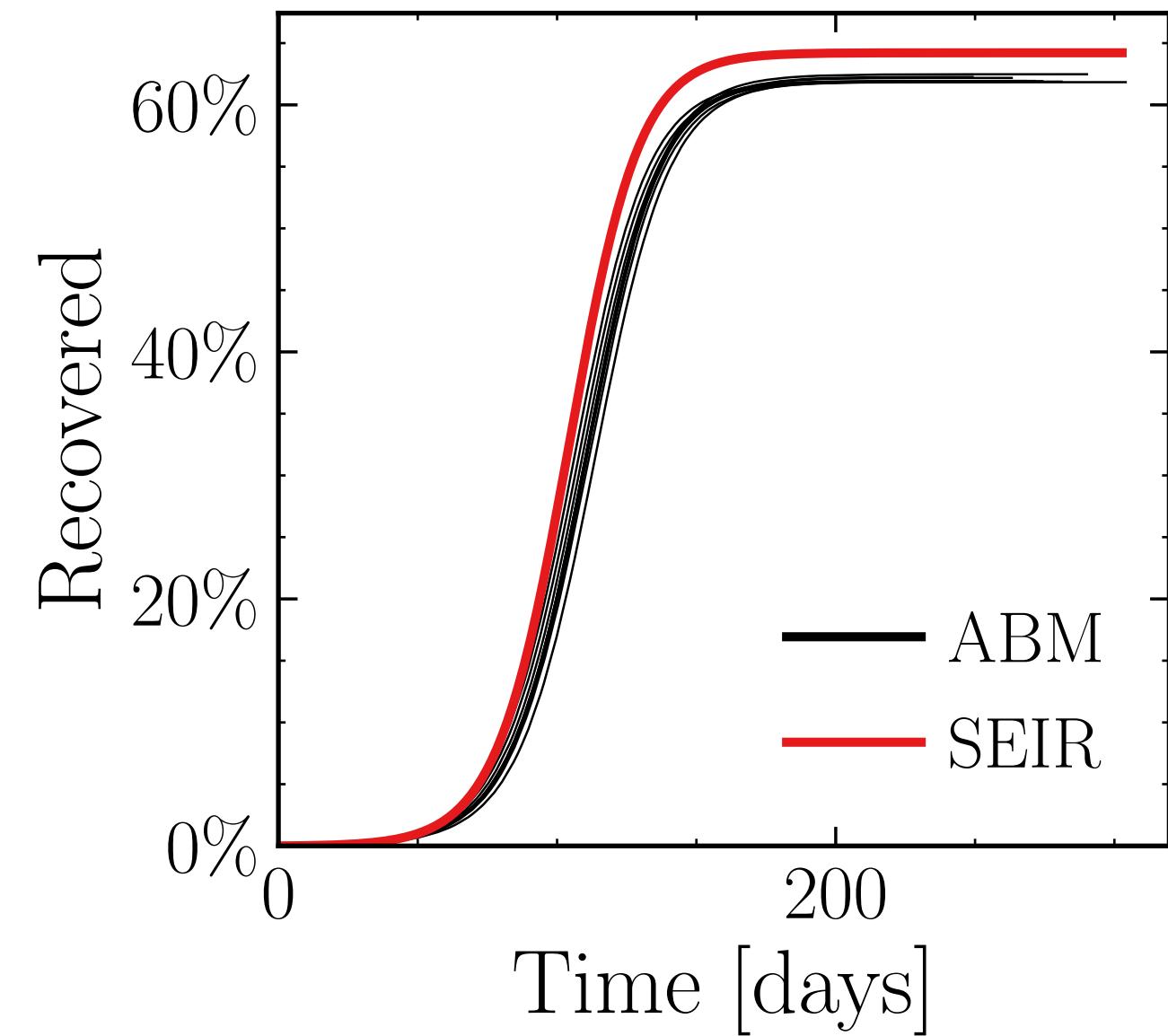
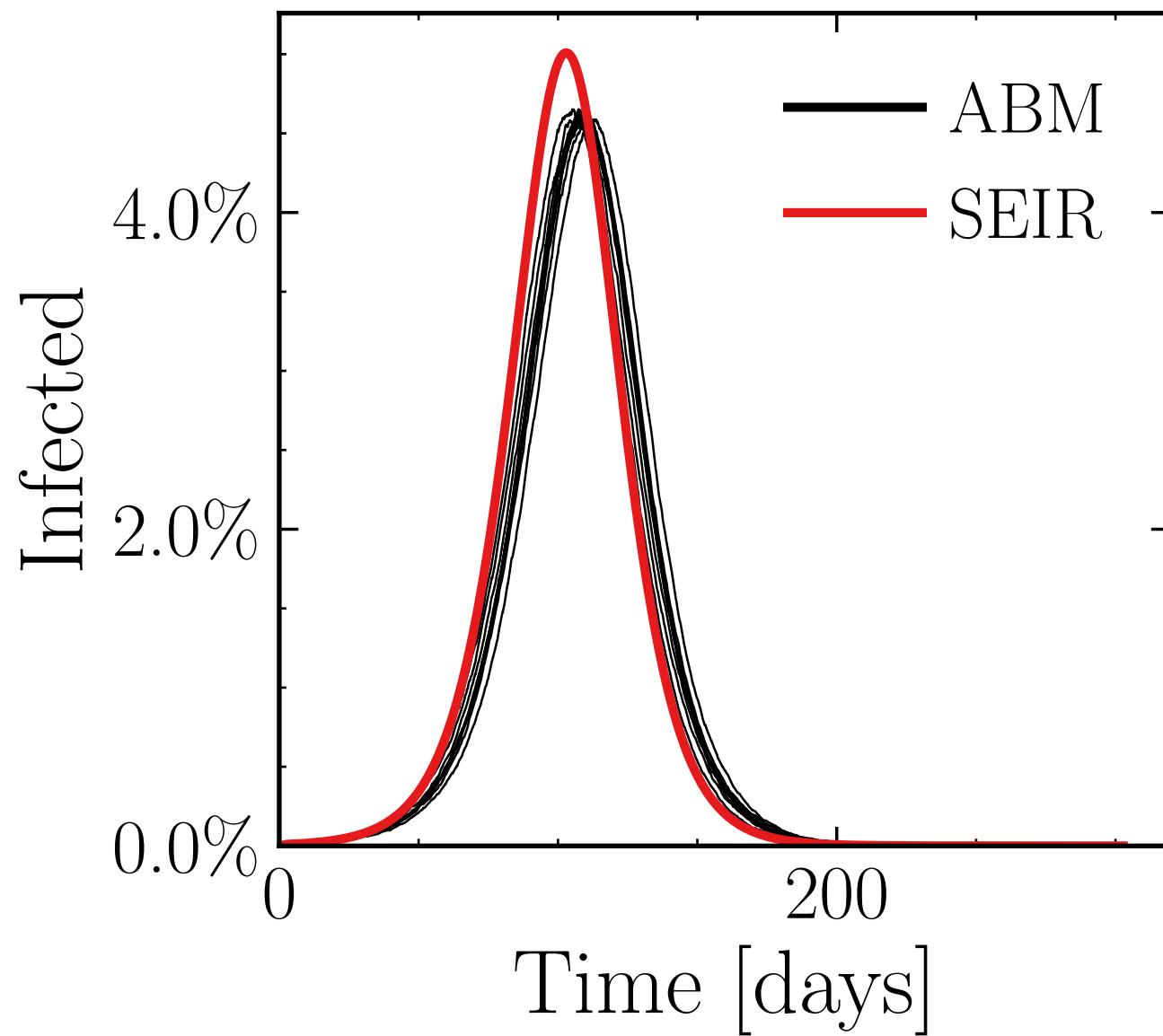
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 6013cad0db, #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, $N_{\text{init}} = 100$

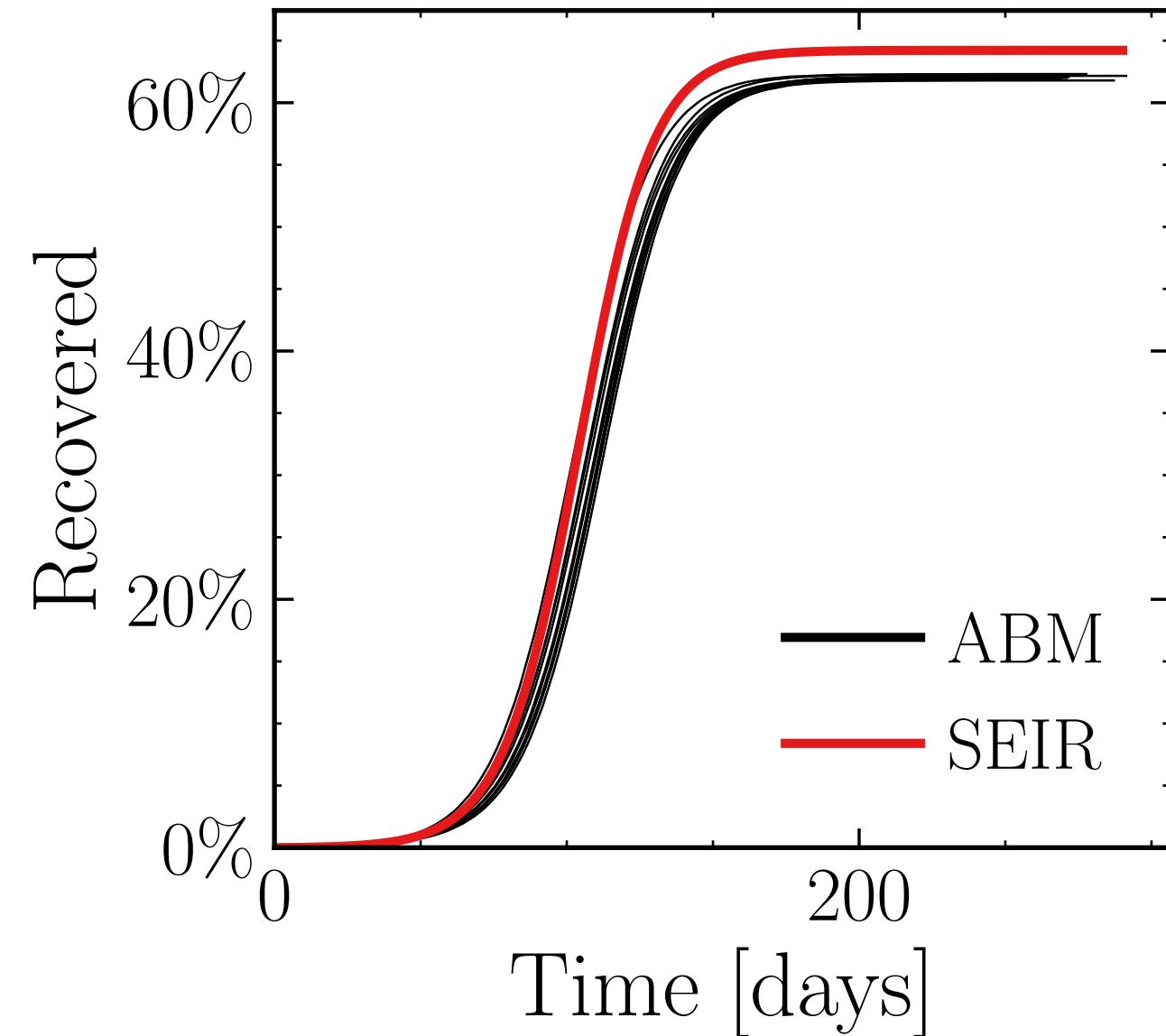
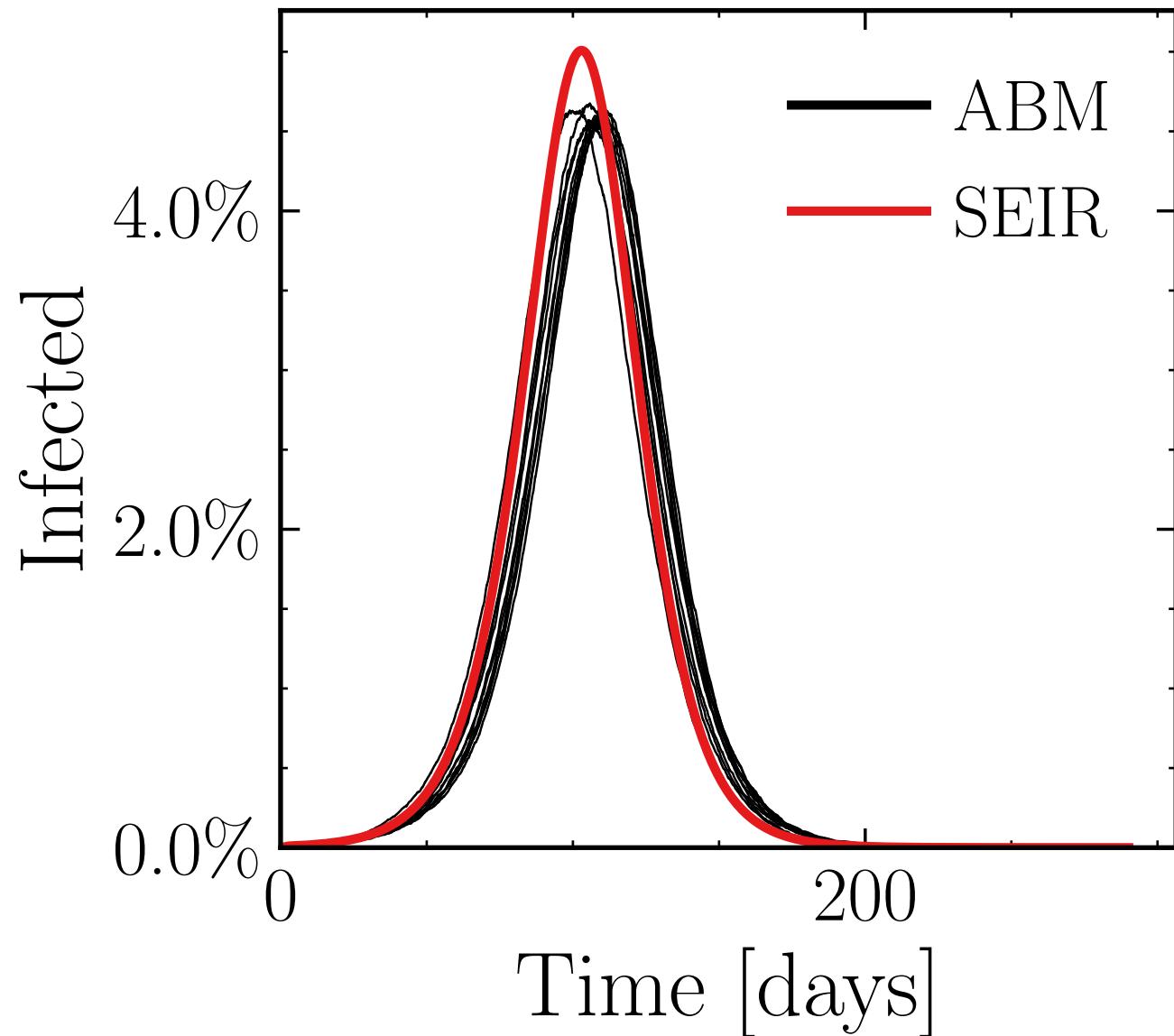
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = e80be61051, #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, $N_{\text{init}} = 100$

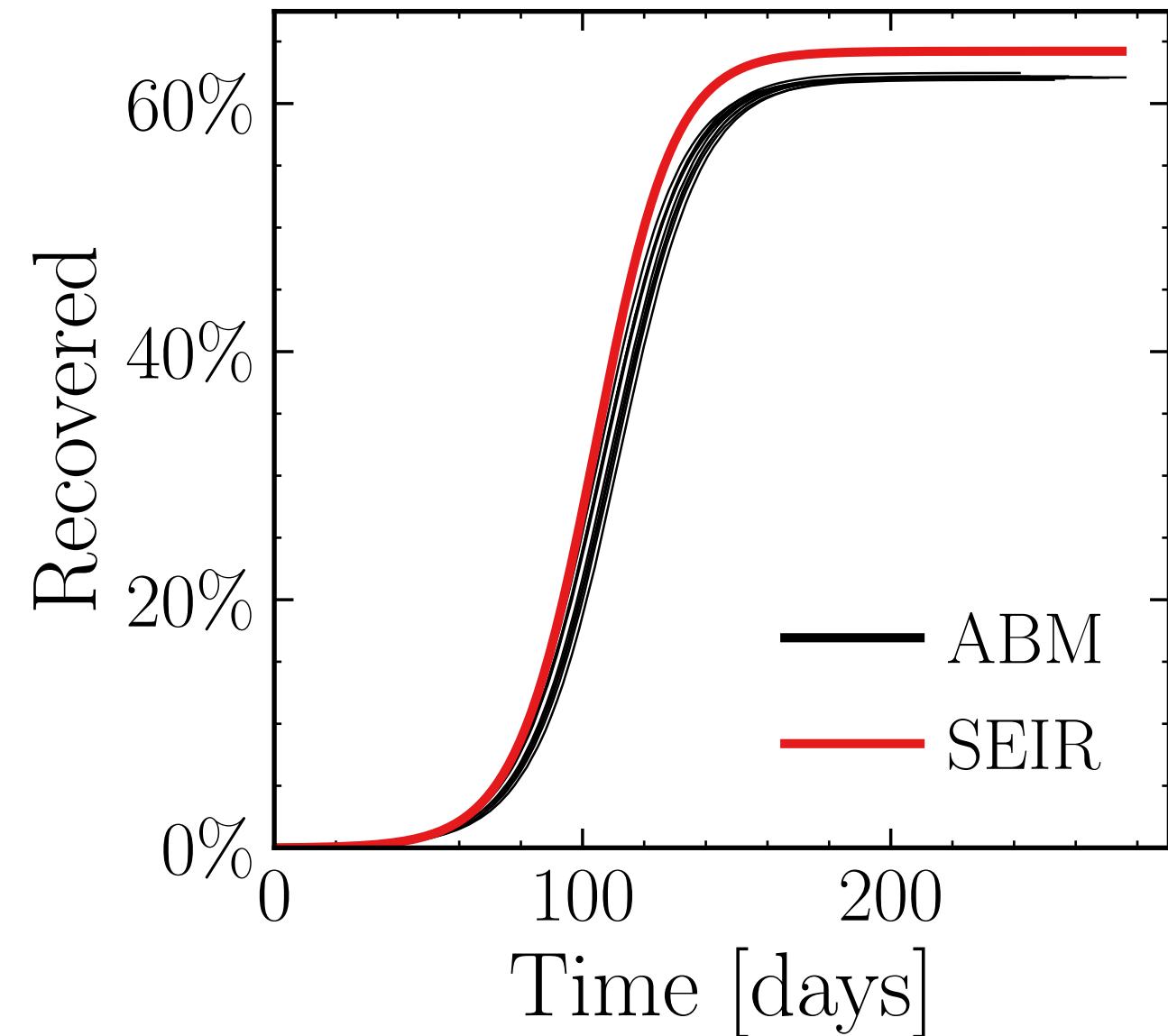
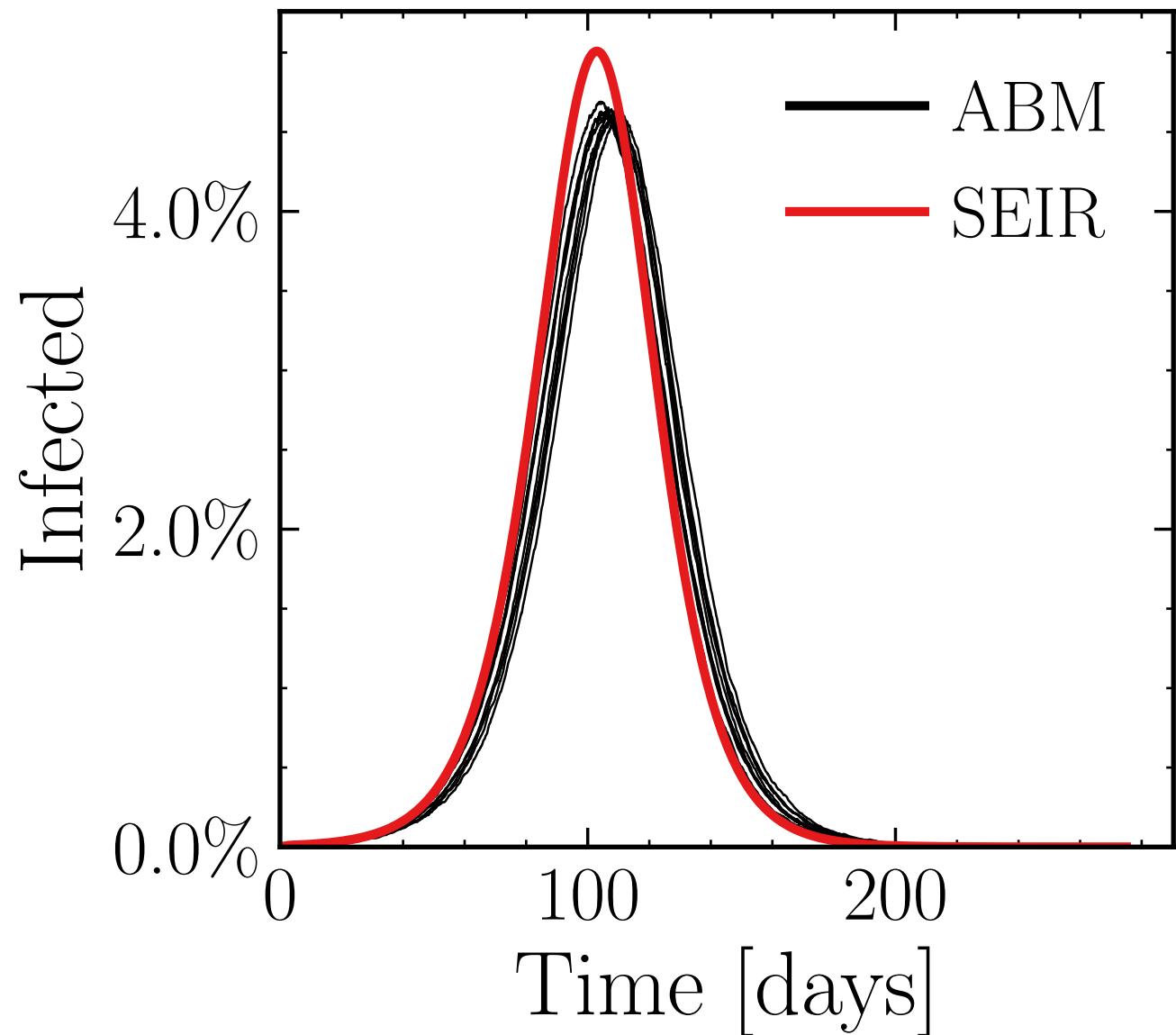
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 2828a7fb1b, #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, $N_{\text{init}} = 100$

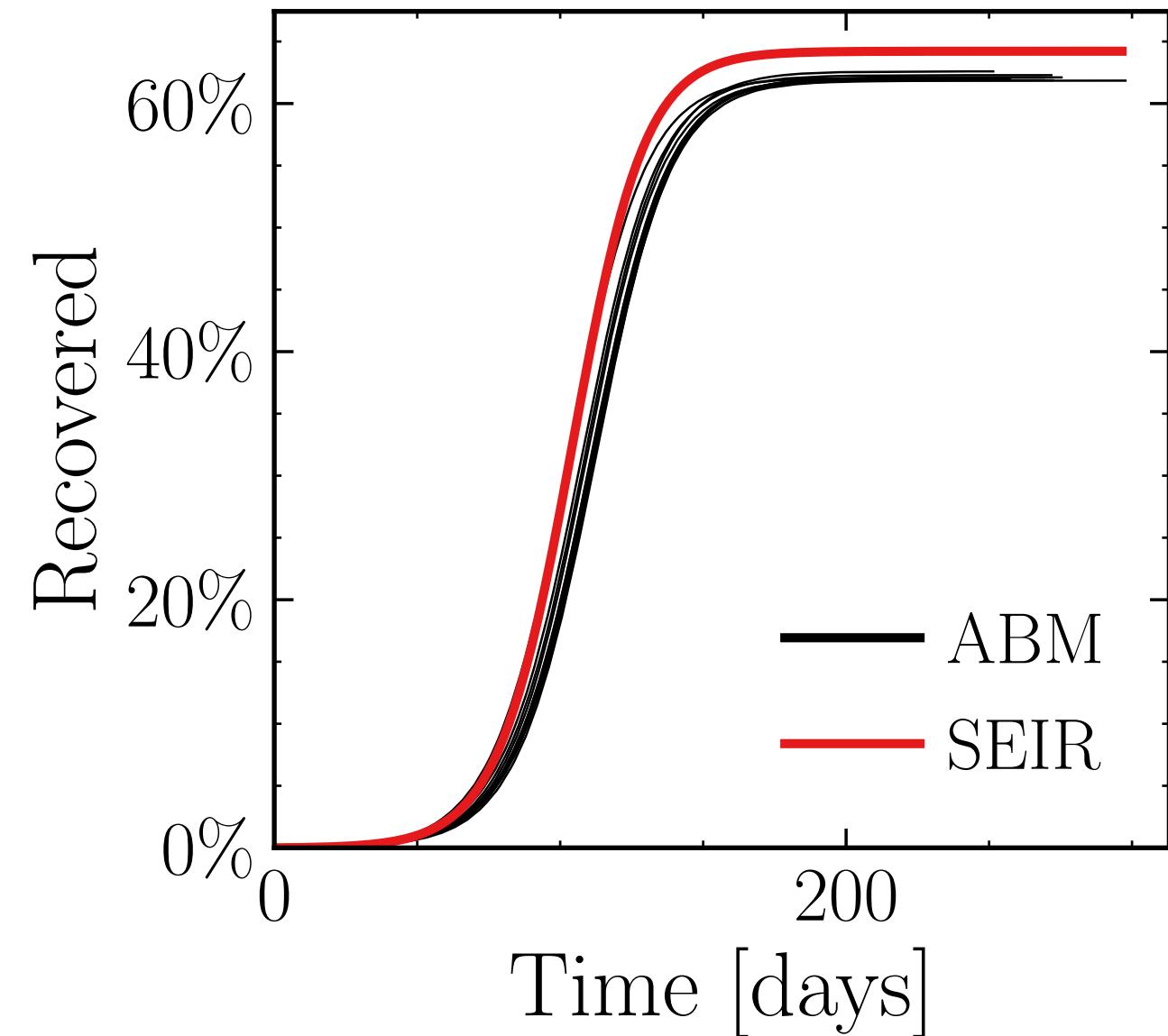
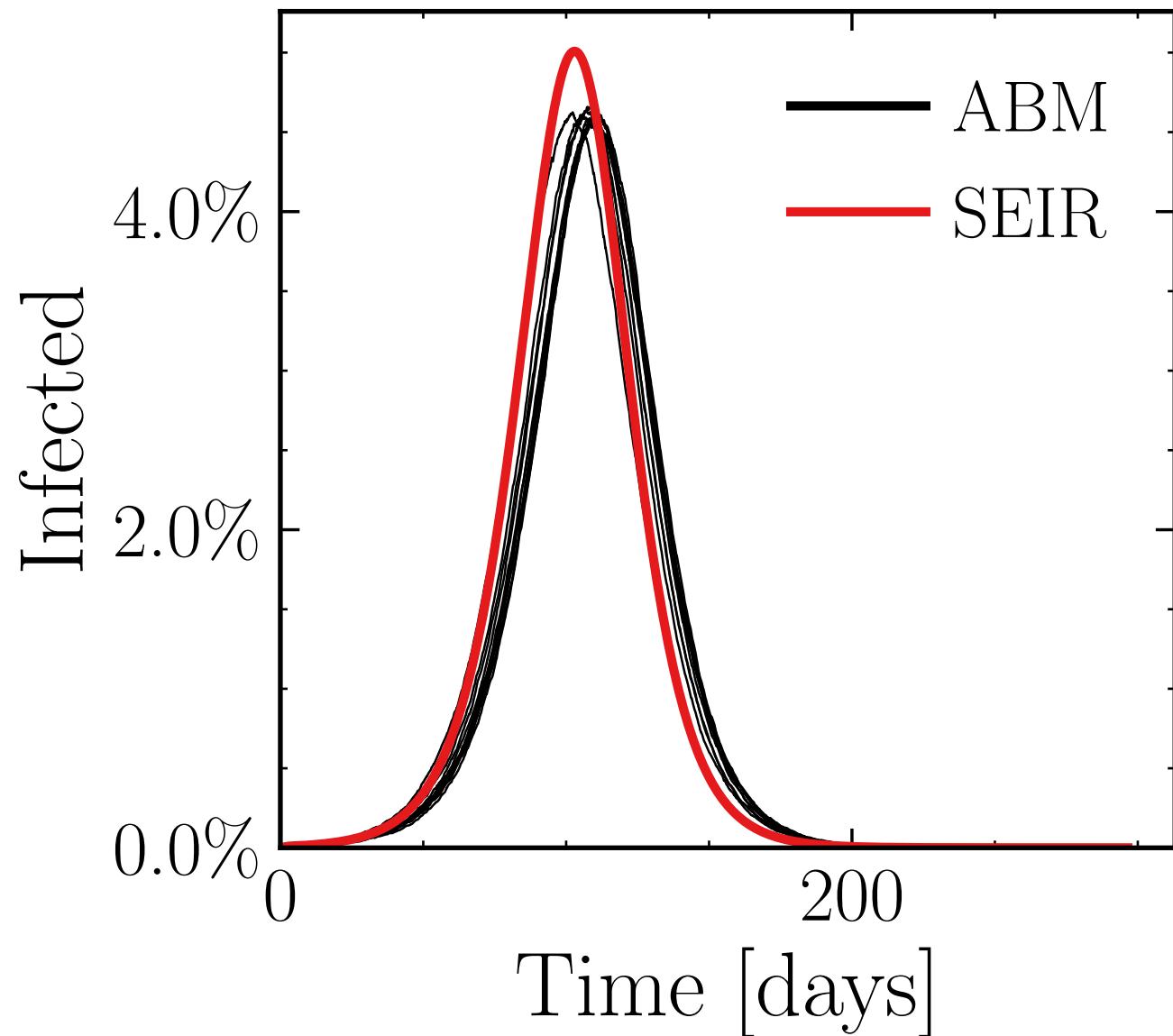
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 70e04503a7, #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, $N_{\text{init}} = 100$

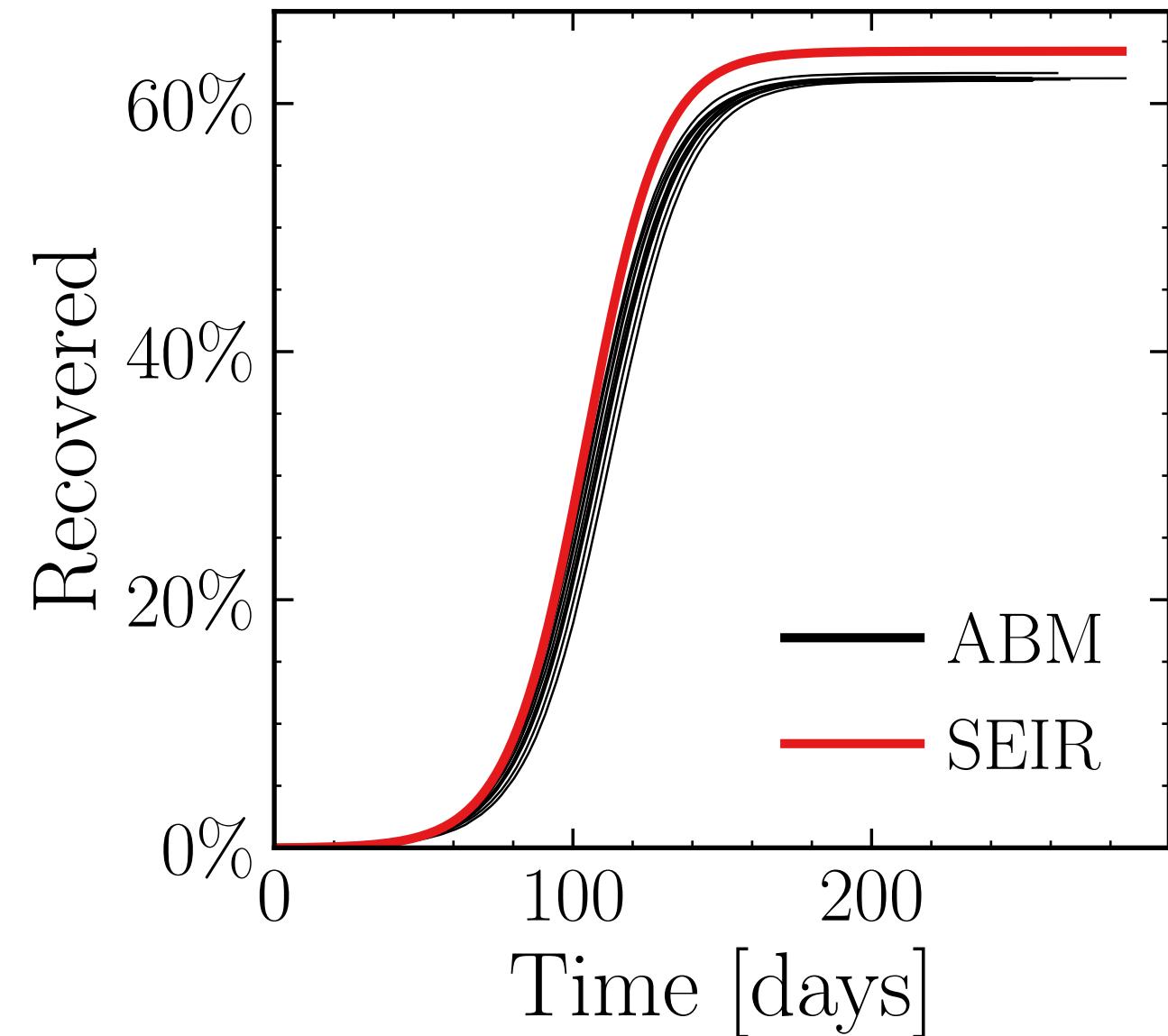
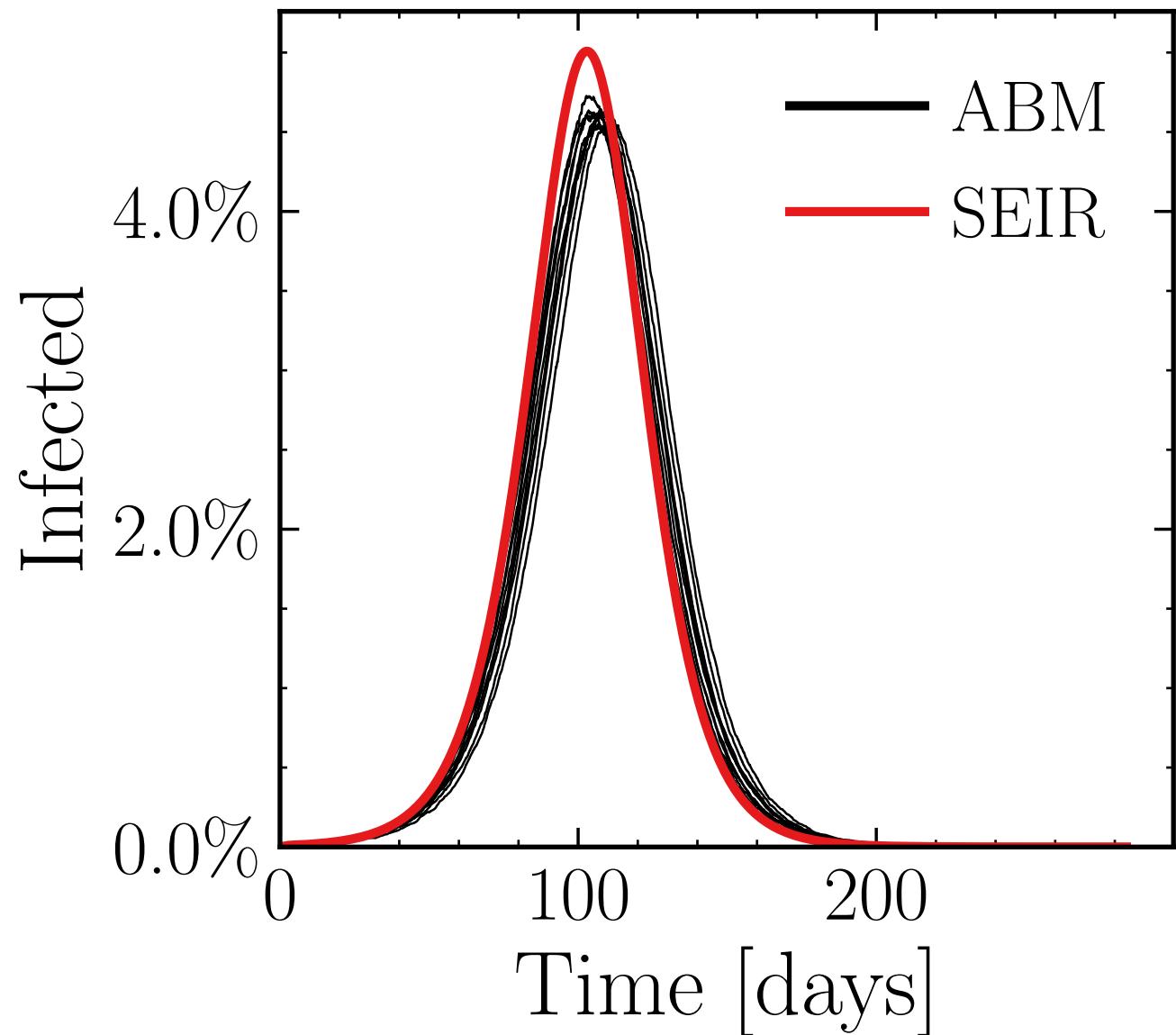
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = ffe2d7070c, #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, $N_{\text{init}} = 100$

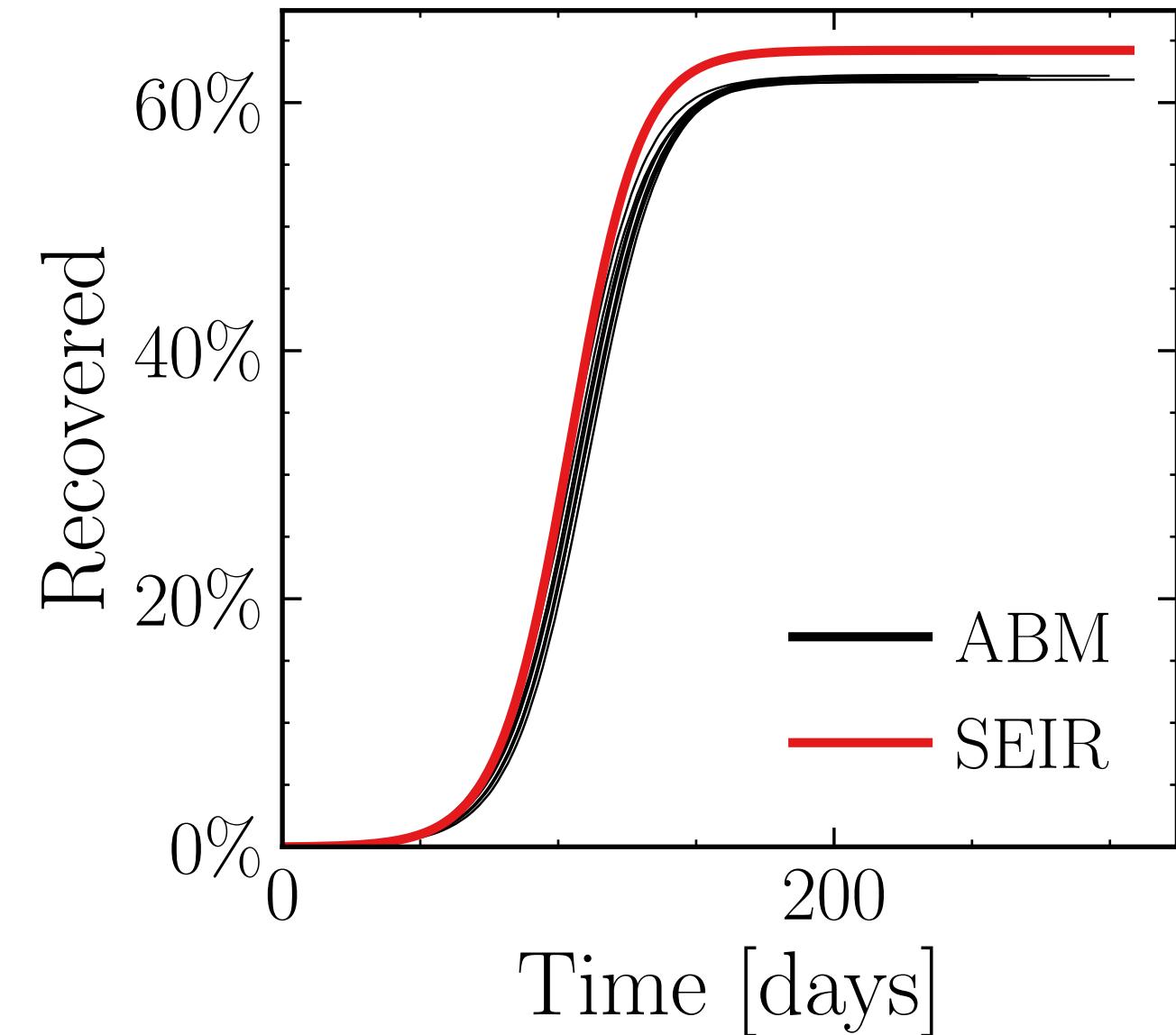
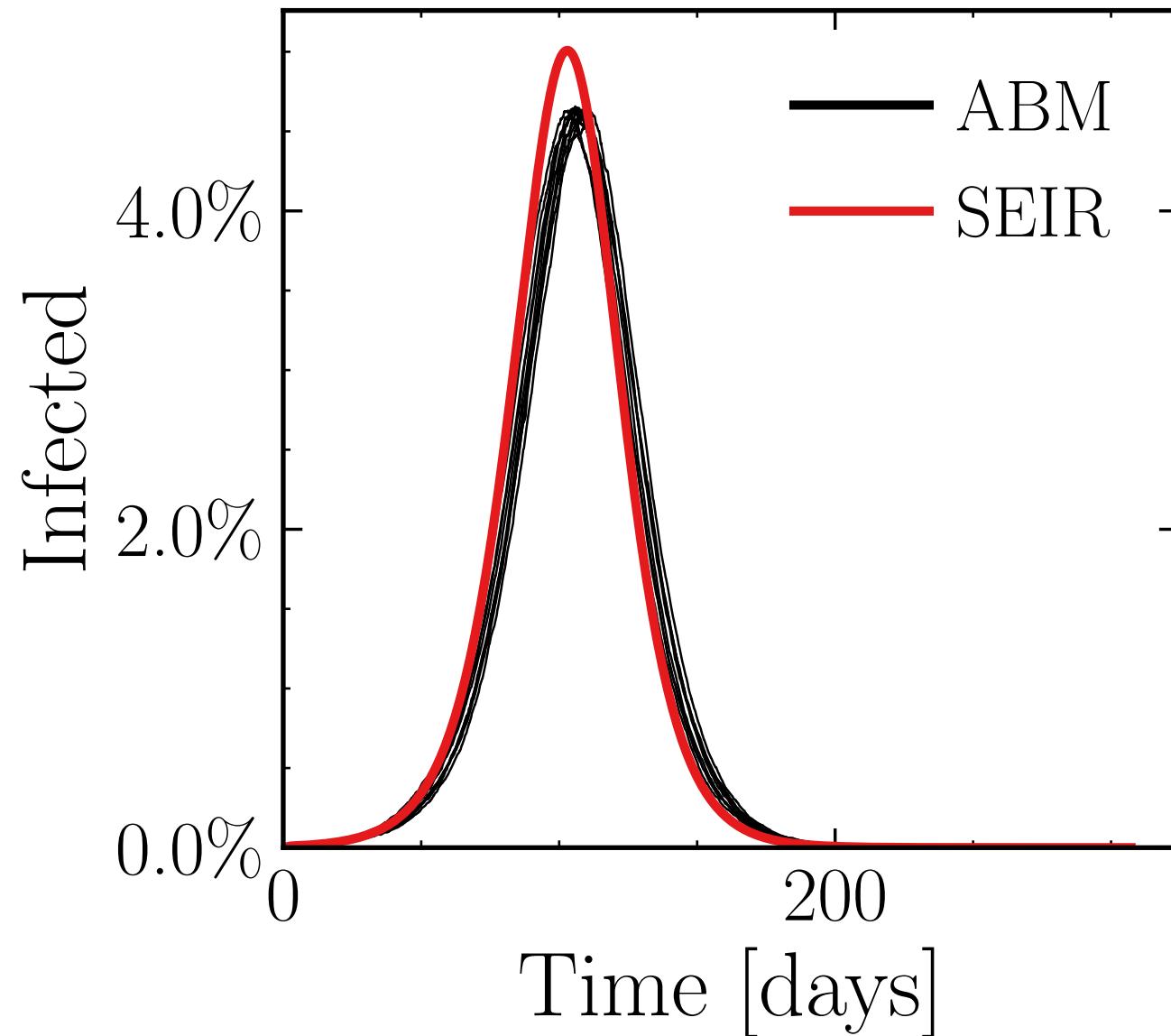
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 69cb7c079a, #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, $N_{\text{init}} = 100$

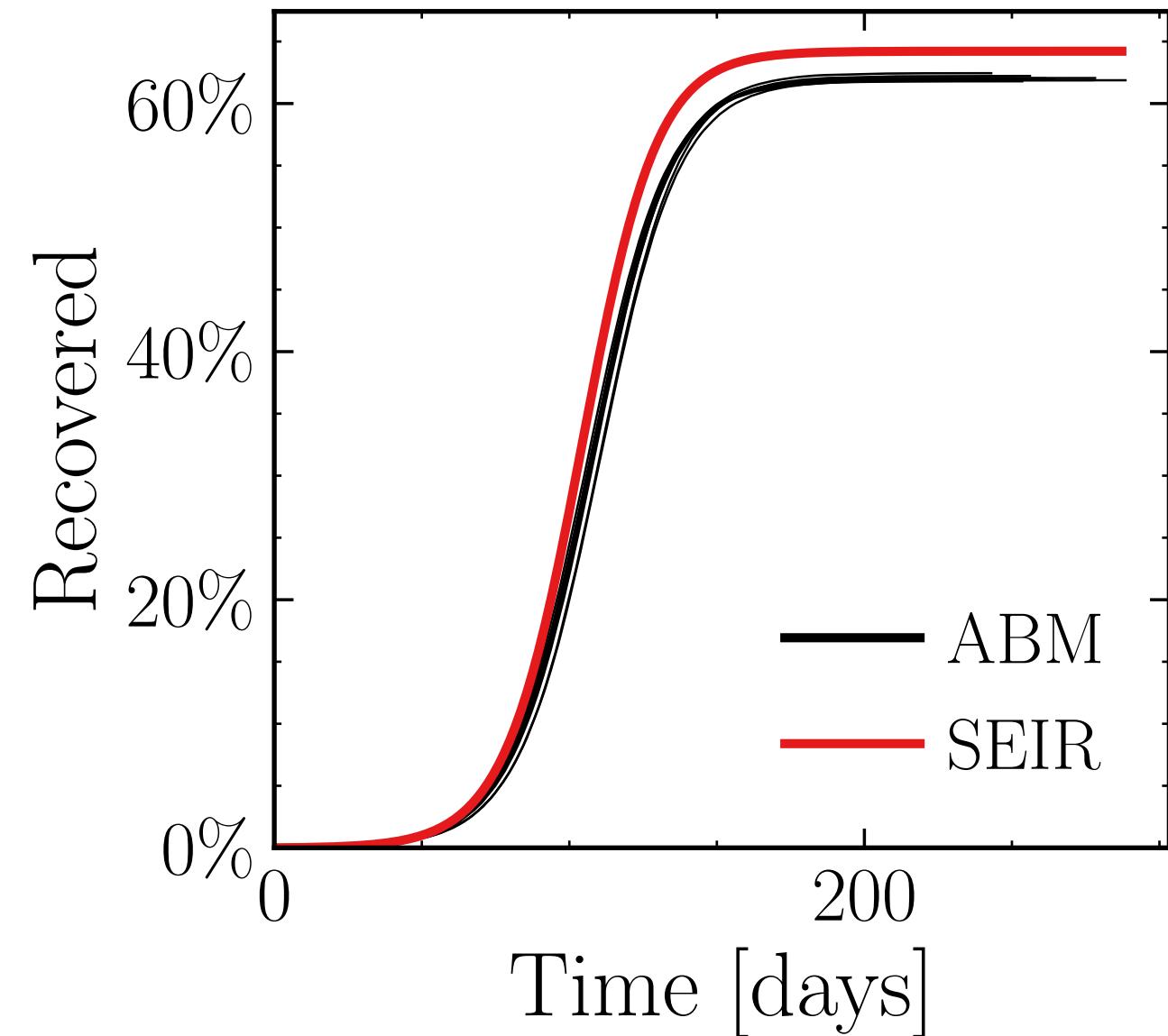
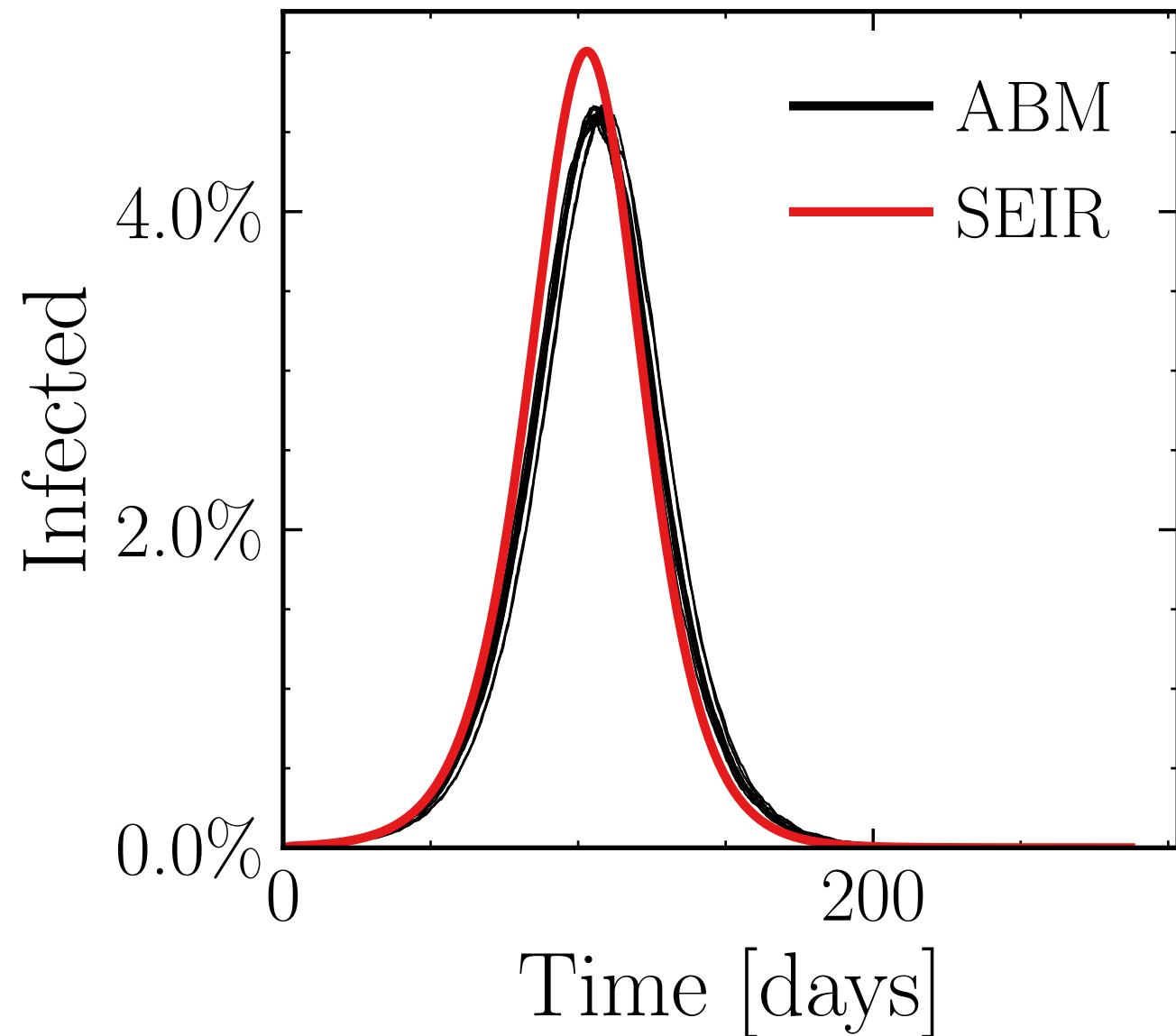
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 1773a06b05, #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, $N_{\text{init}} = 100$

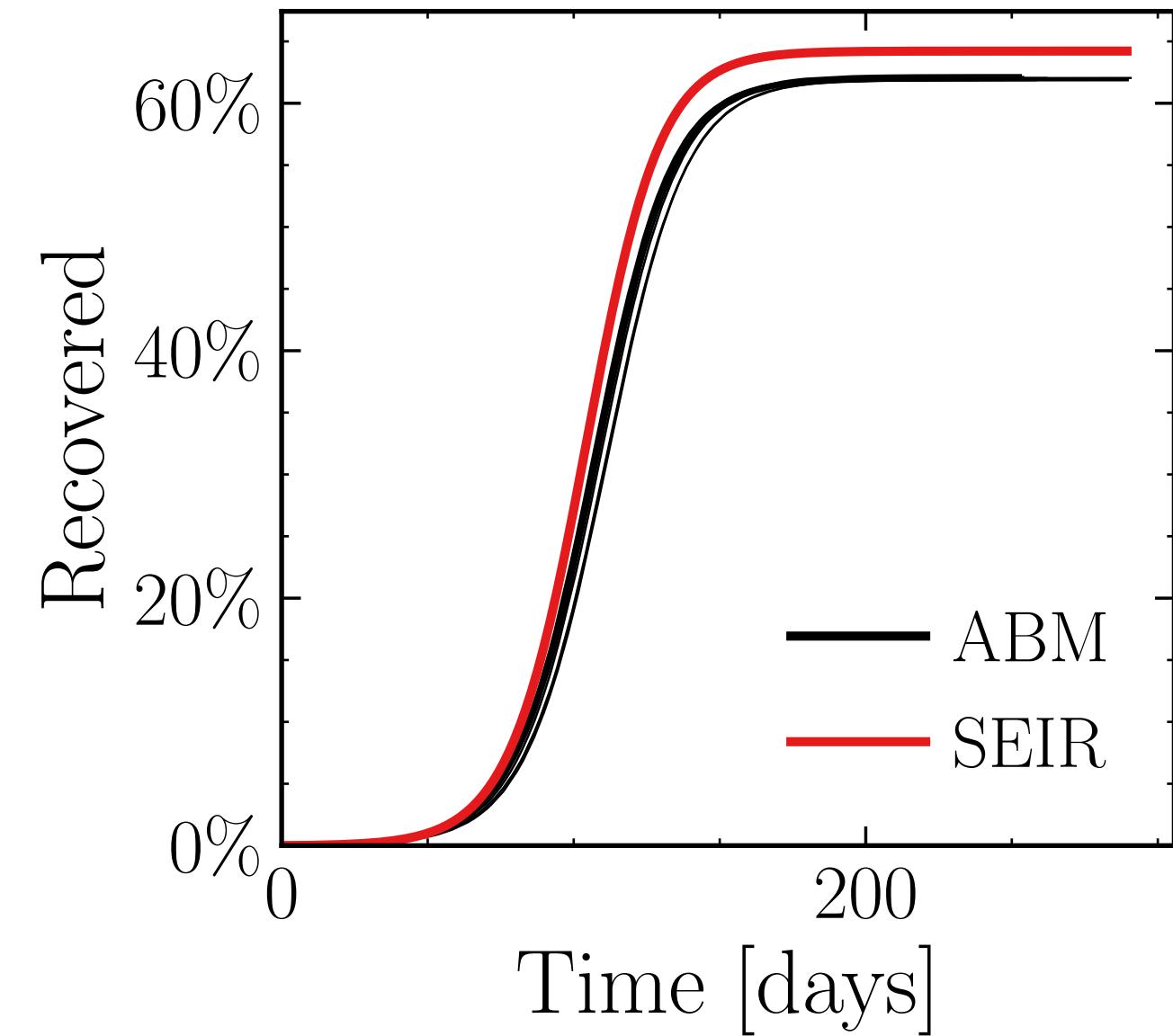
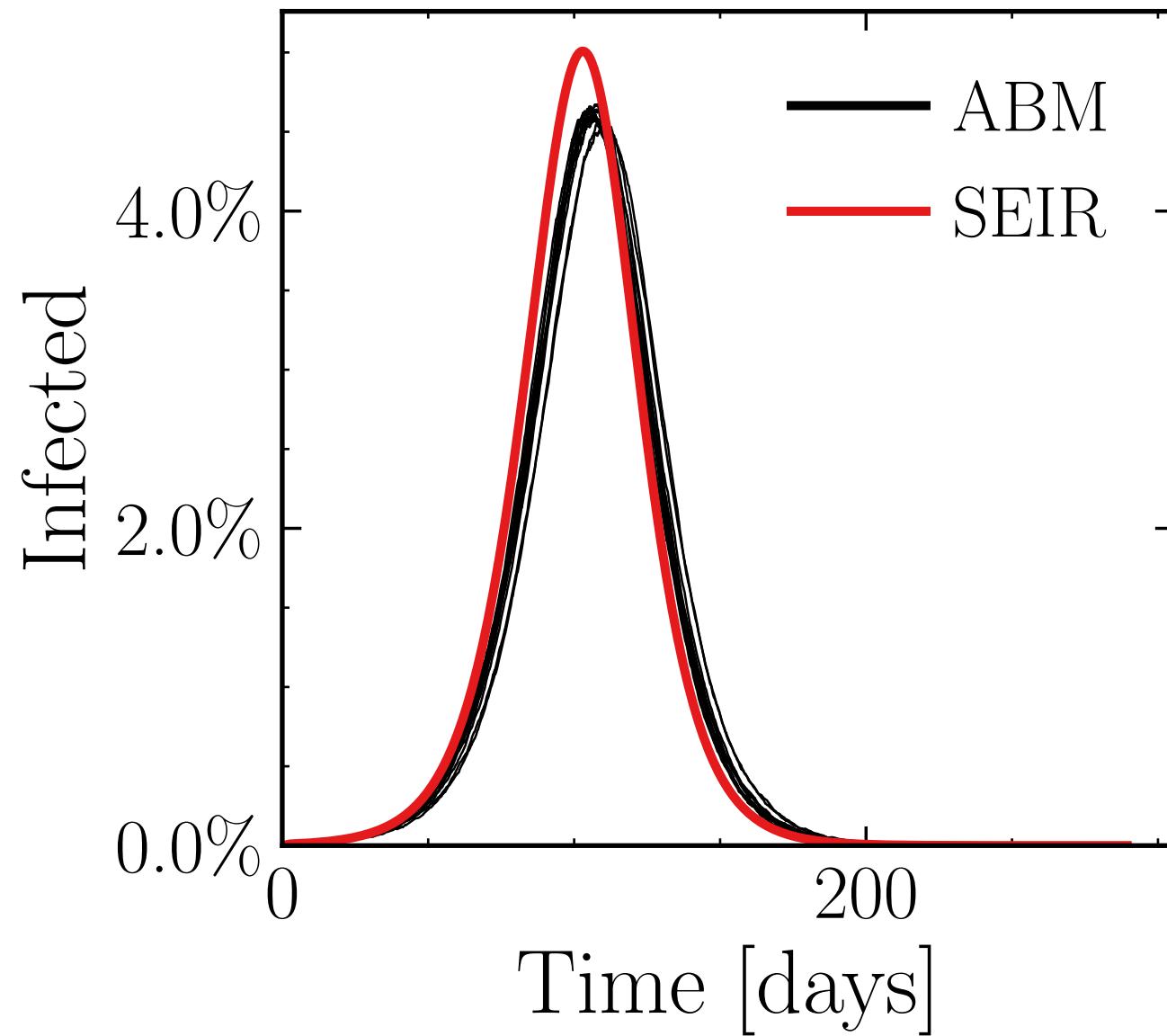
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 2fa2cac10a, #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, $N_{\text{init}} = 100$

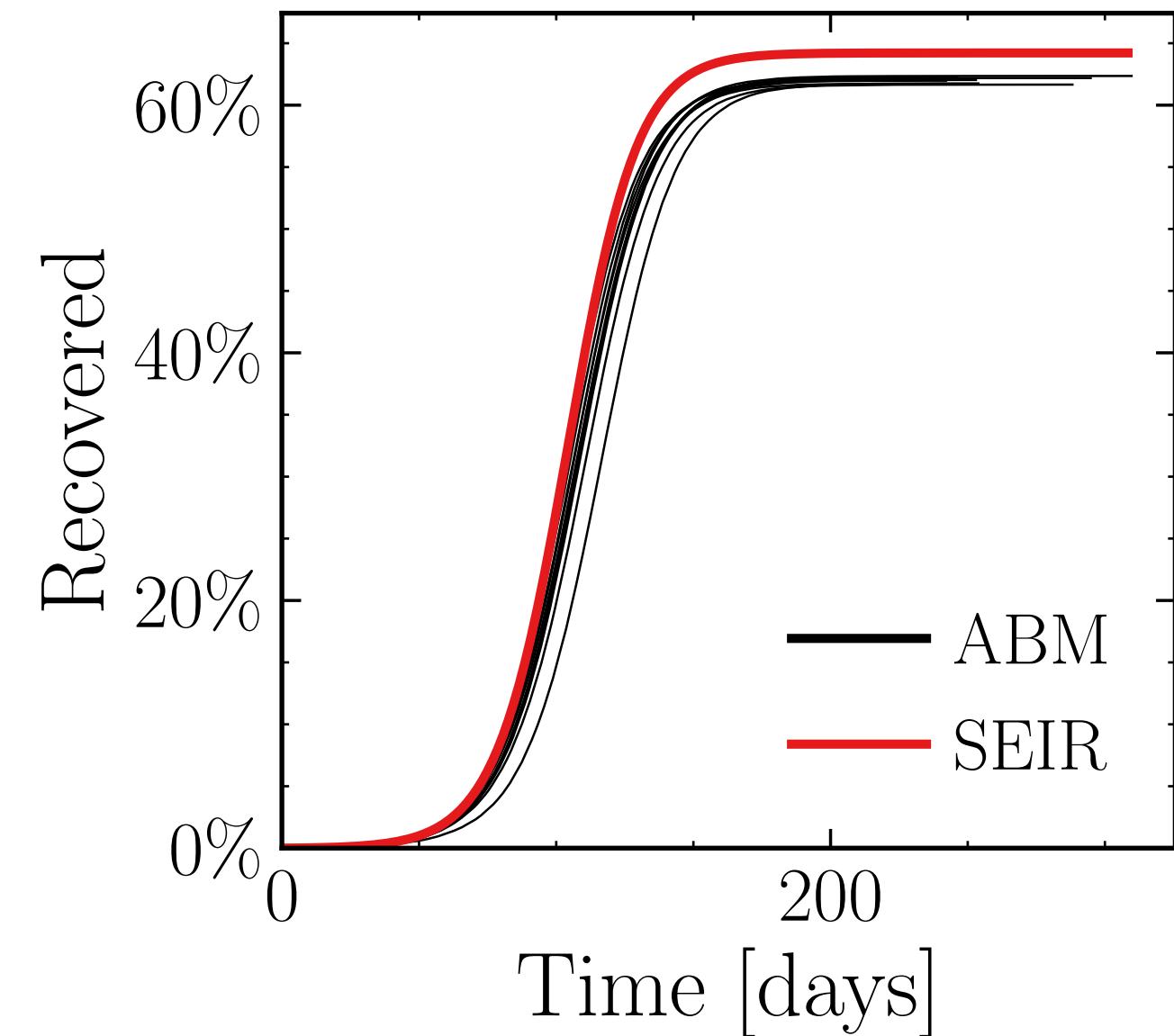
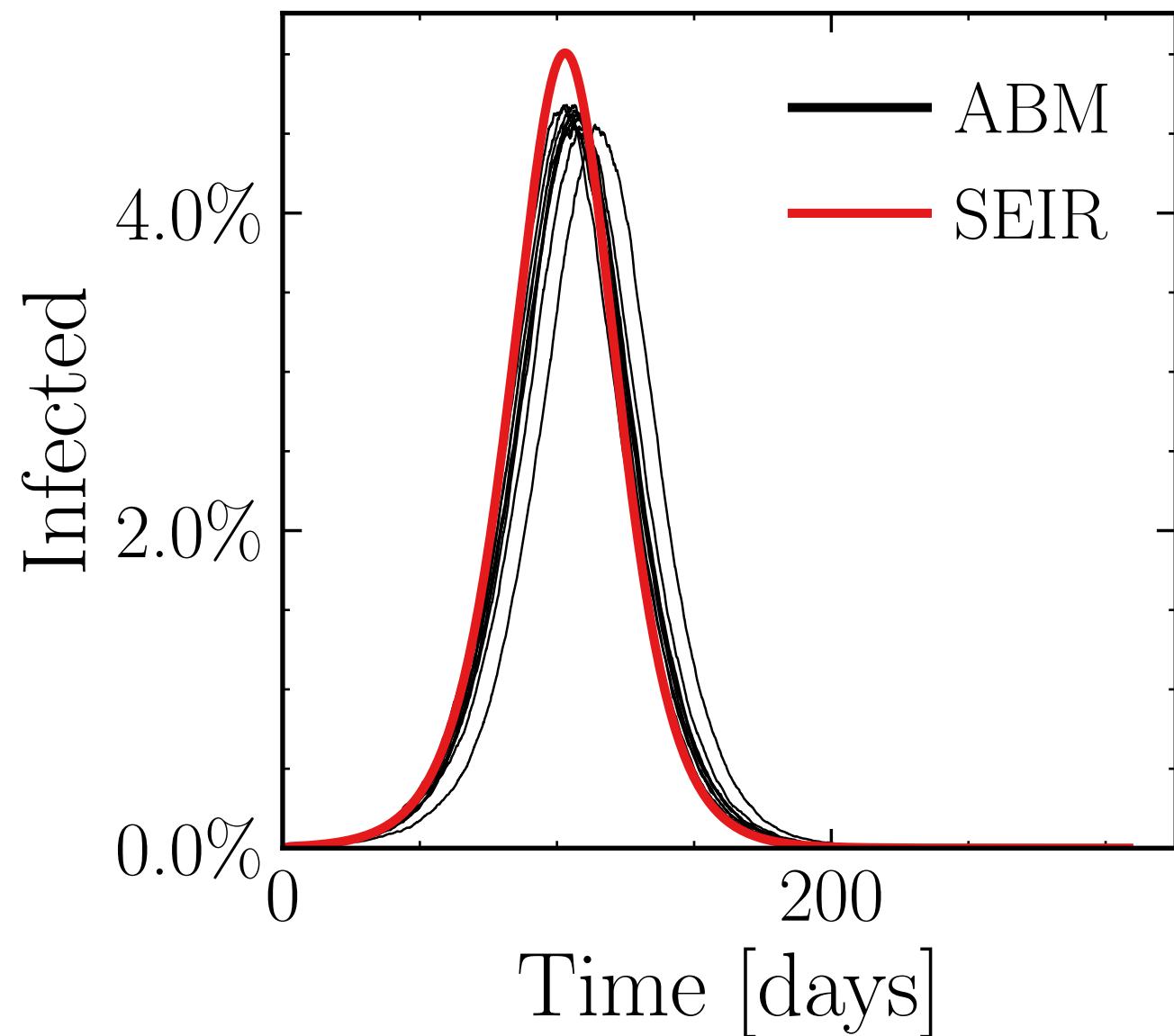
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5404a6d704, #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, $N_{\text{init}} = 100$

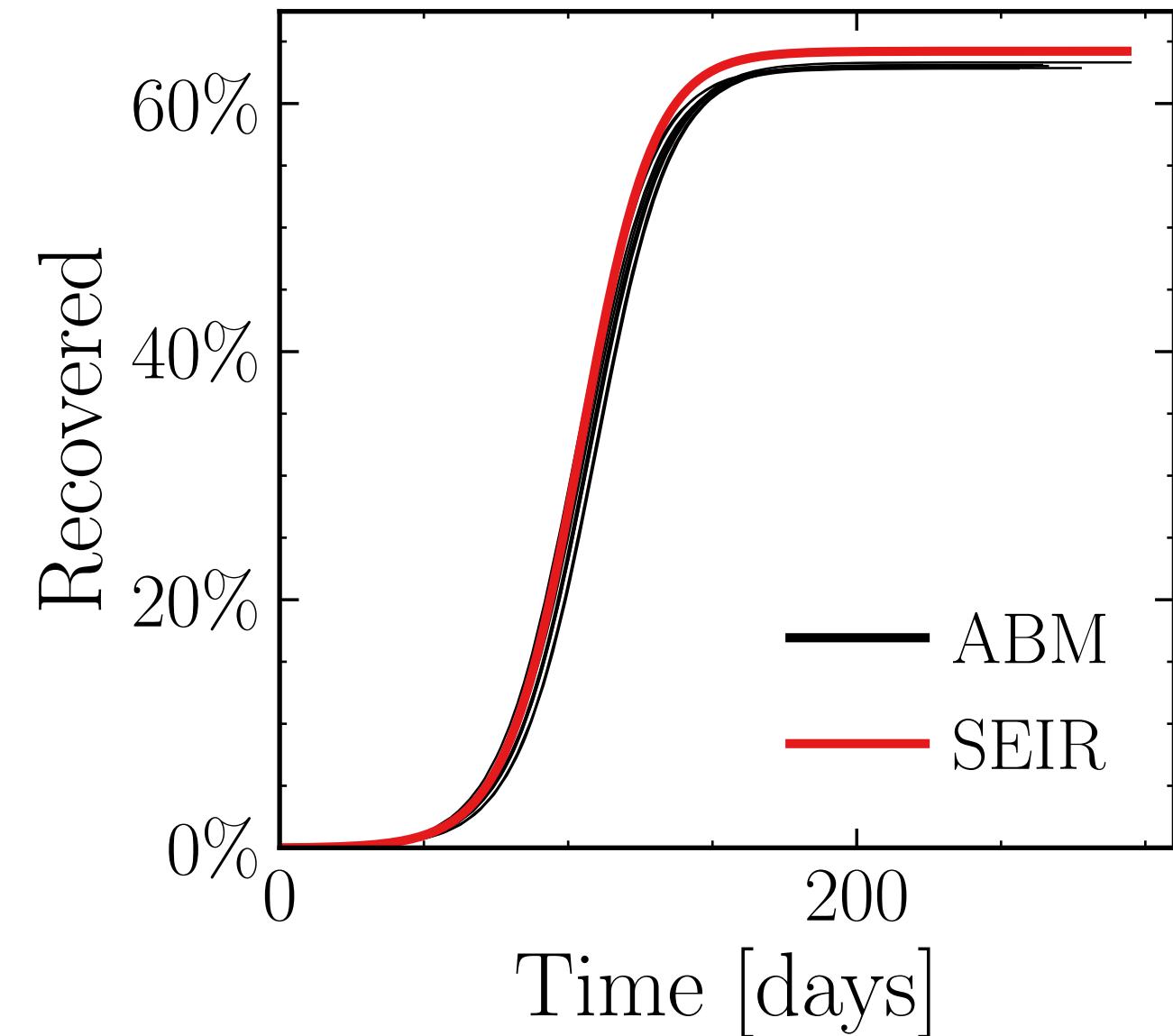
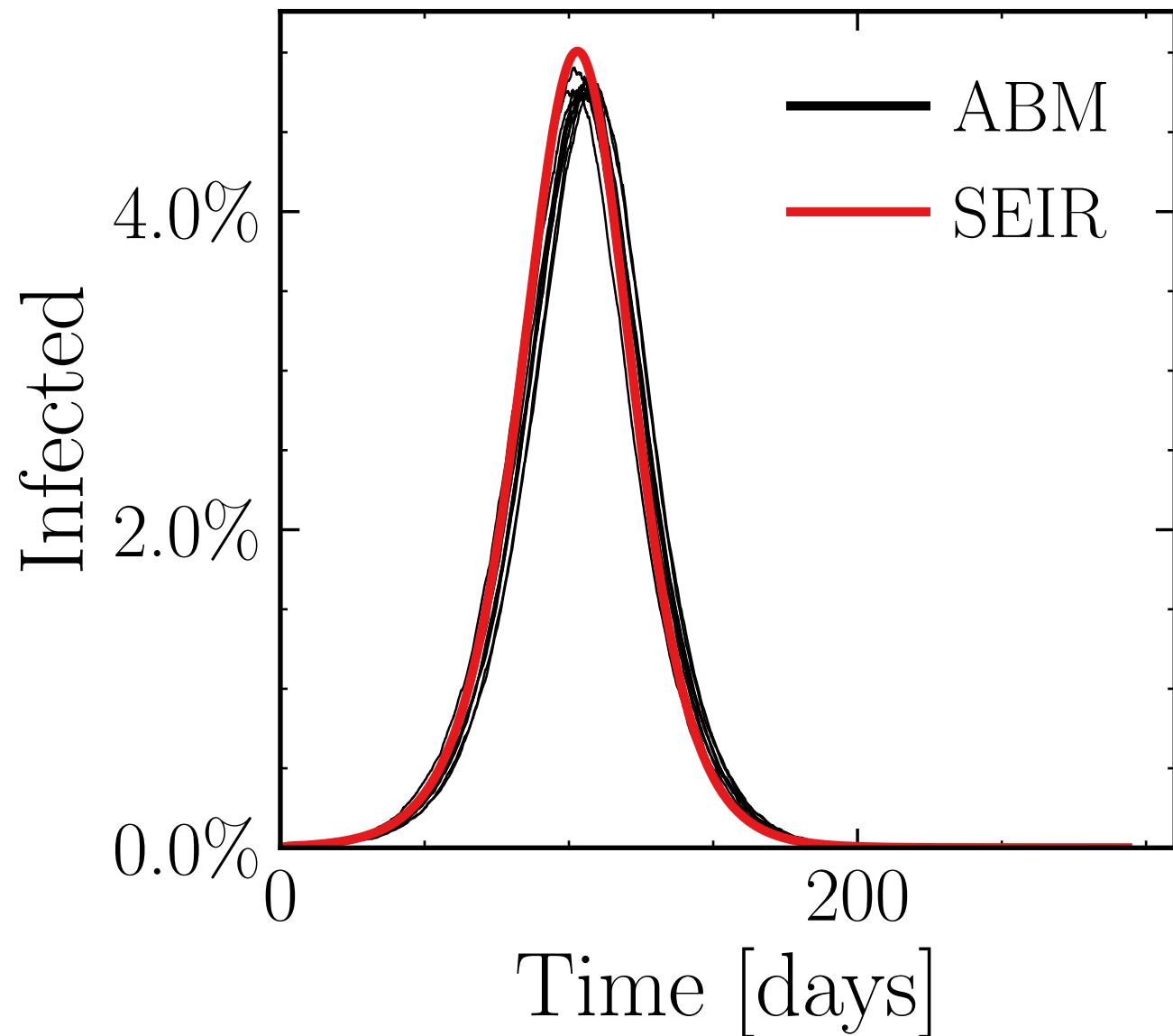
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 9c31932919, #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, $N_{\text{init}} = 100$

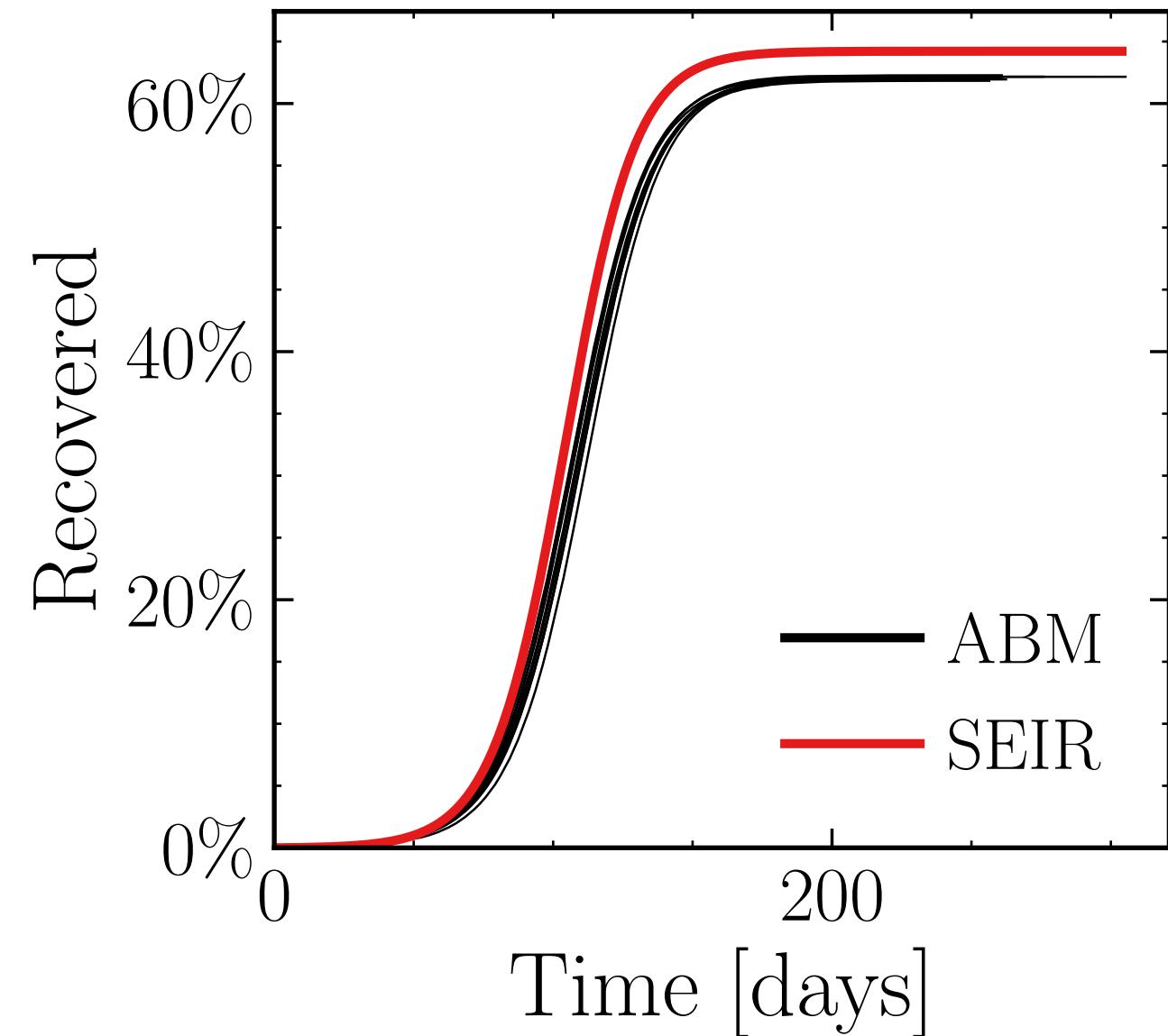
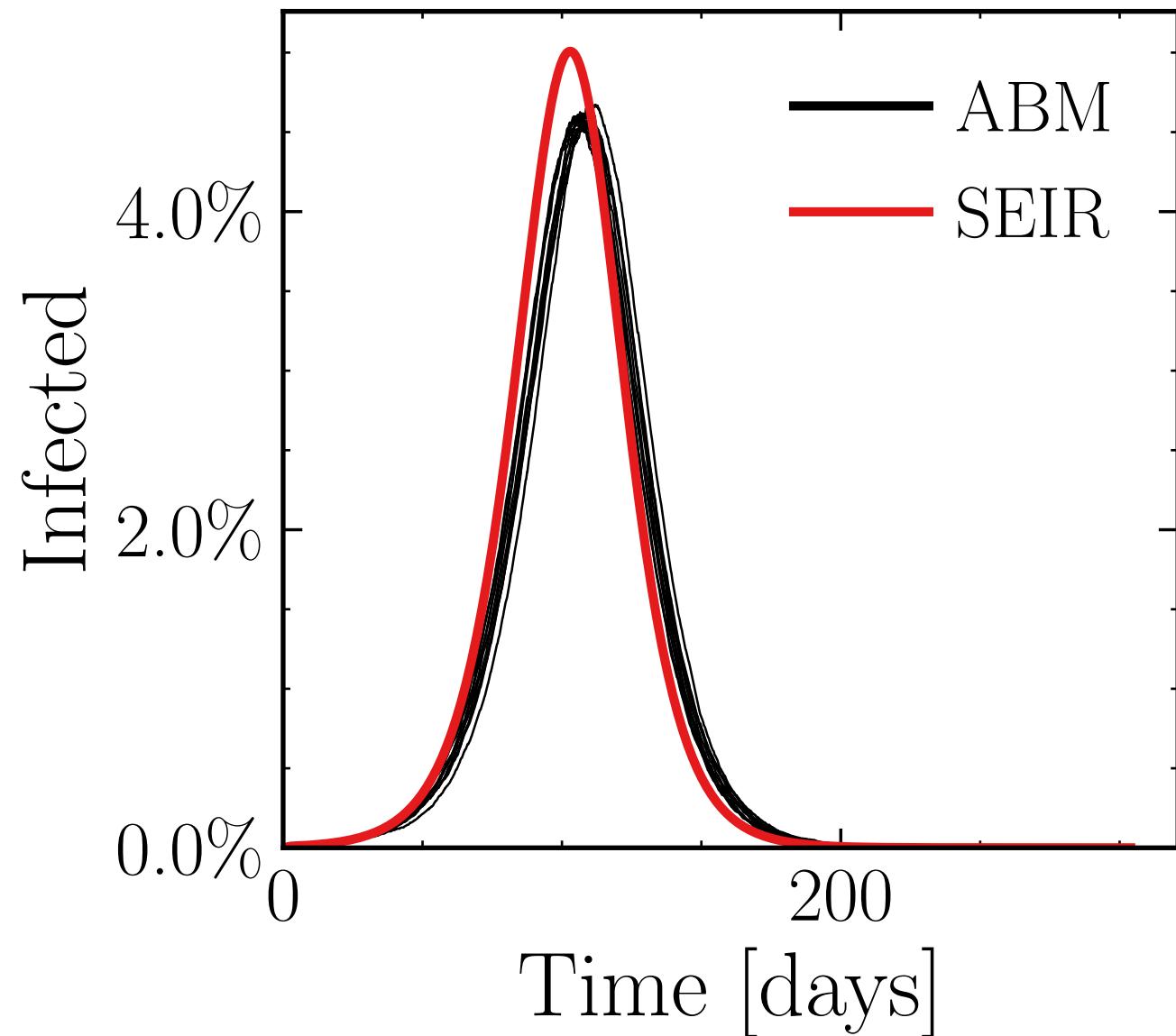
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 0cdfe770cb, #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, $N_{\text{init}} = 100$

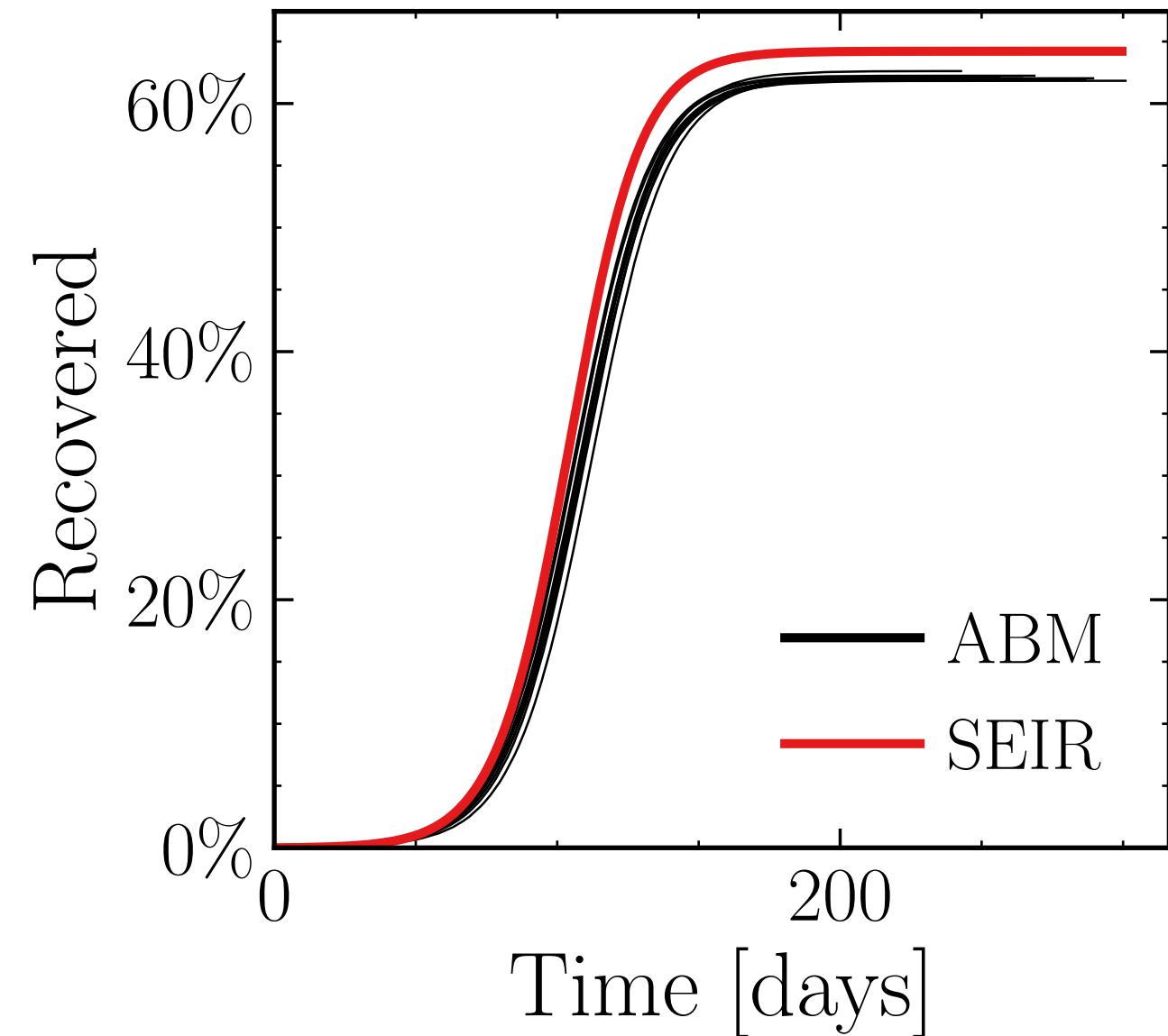
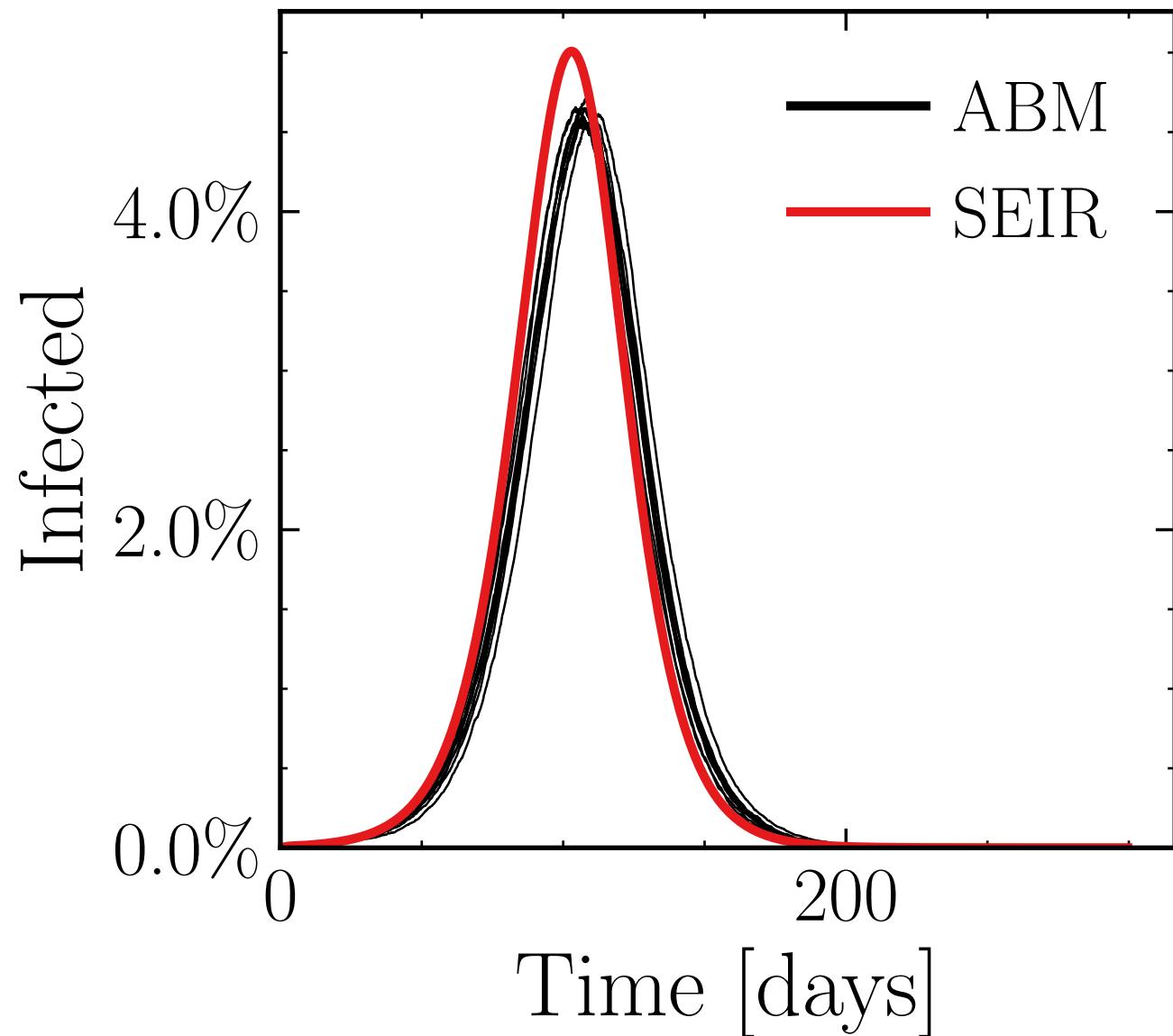
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = fcf0c53849, #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, $N_{\text{init}} = 100$

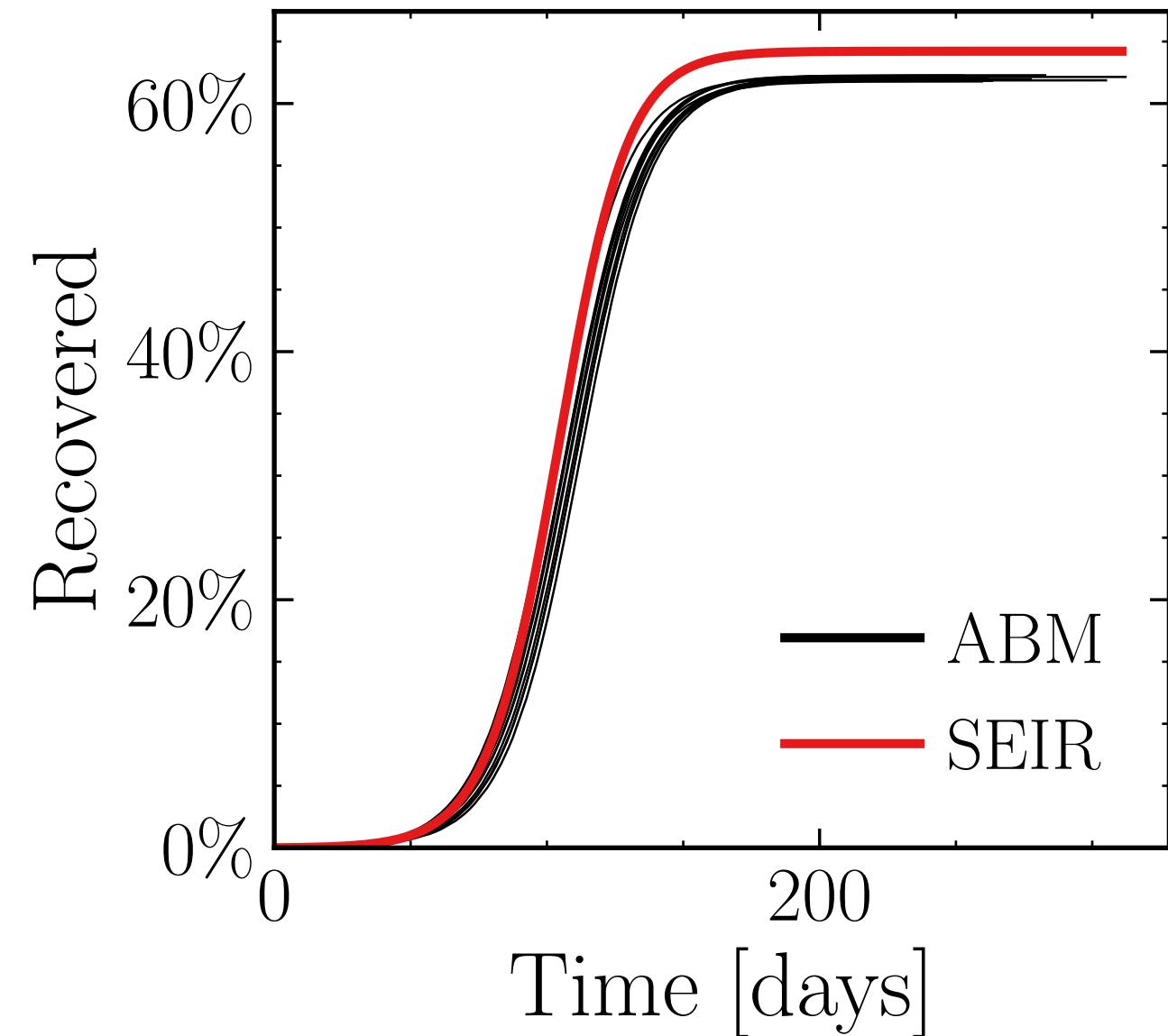
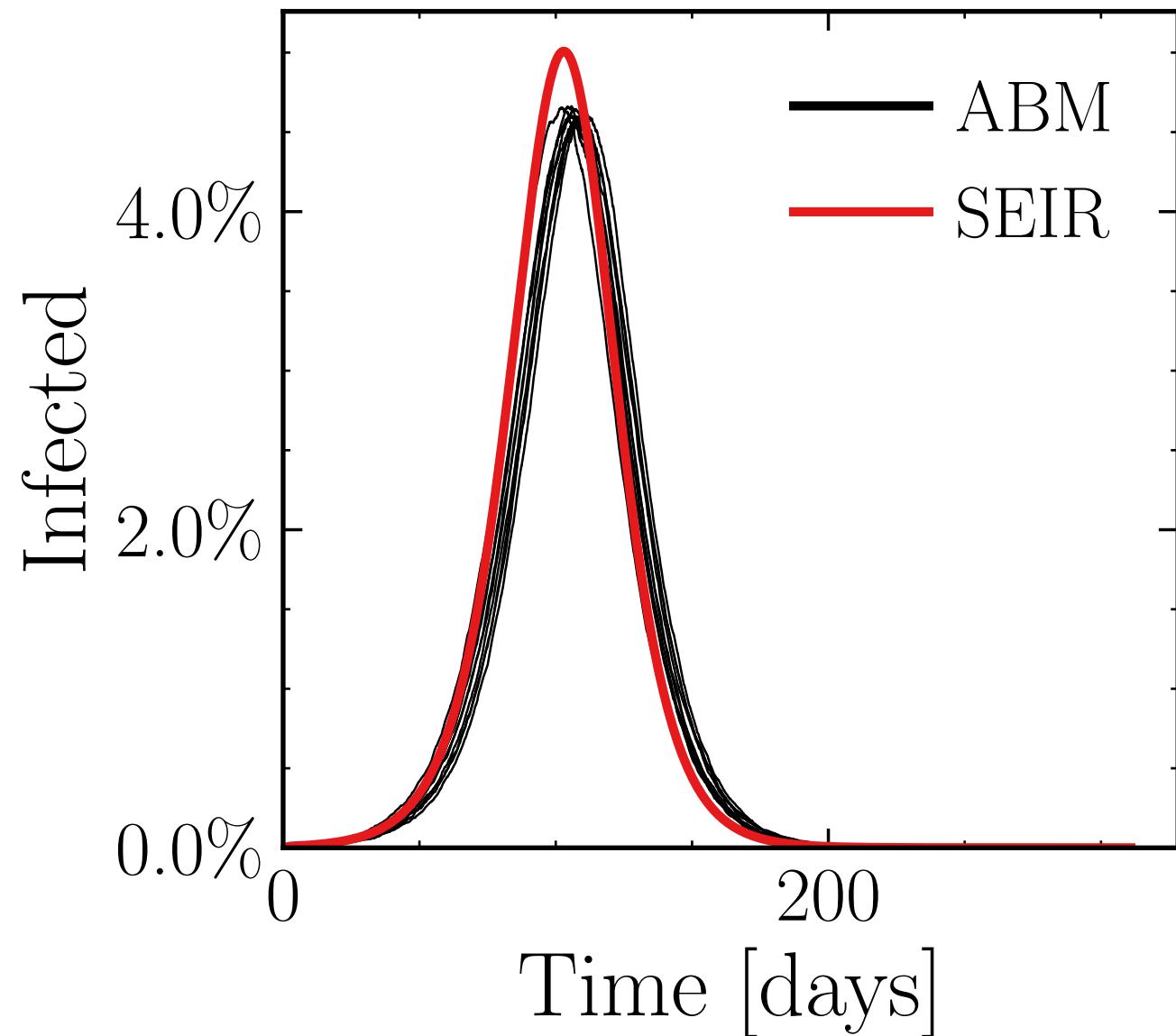
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

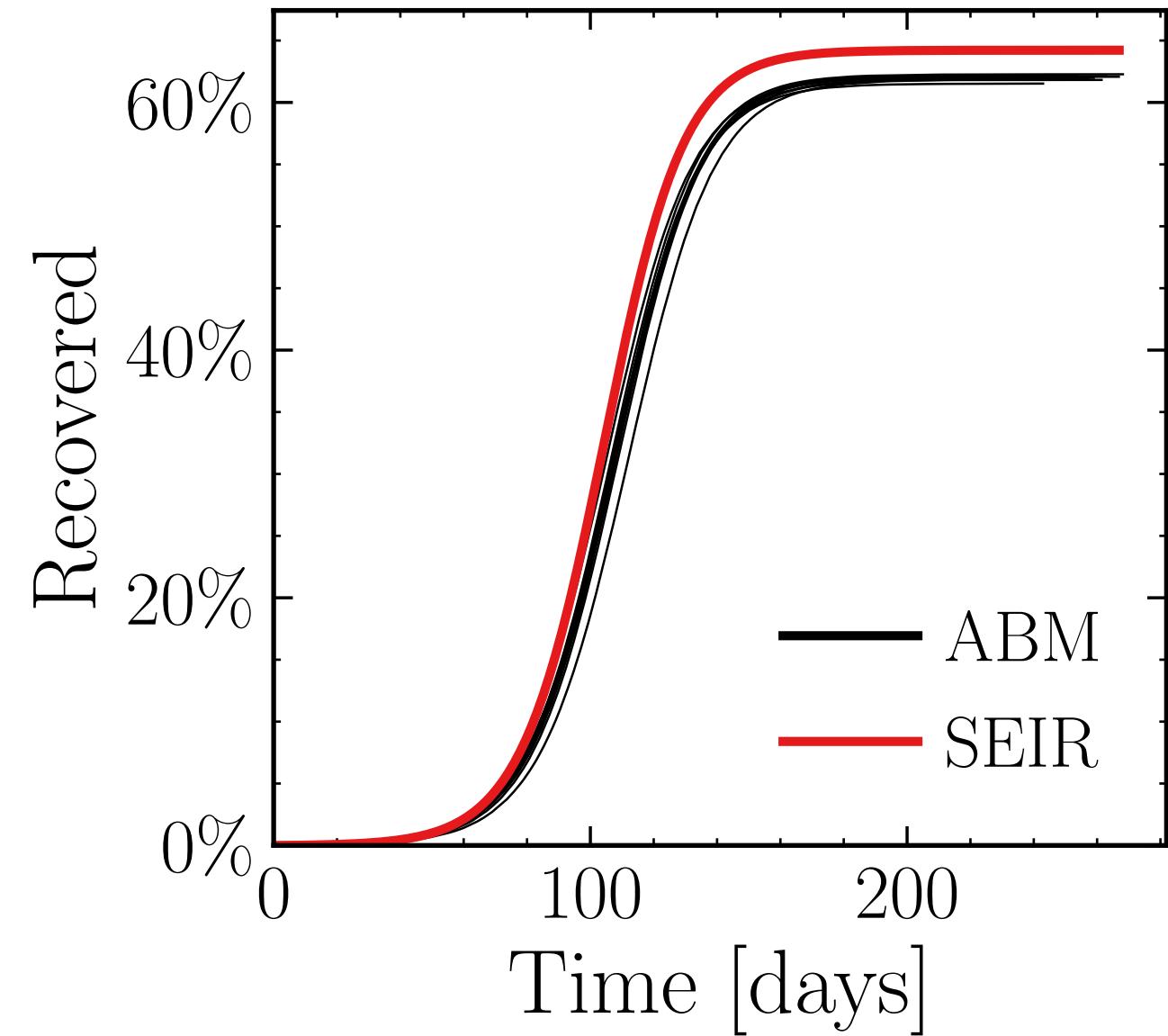
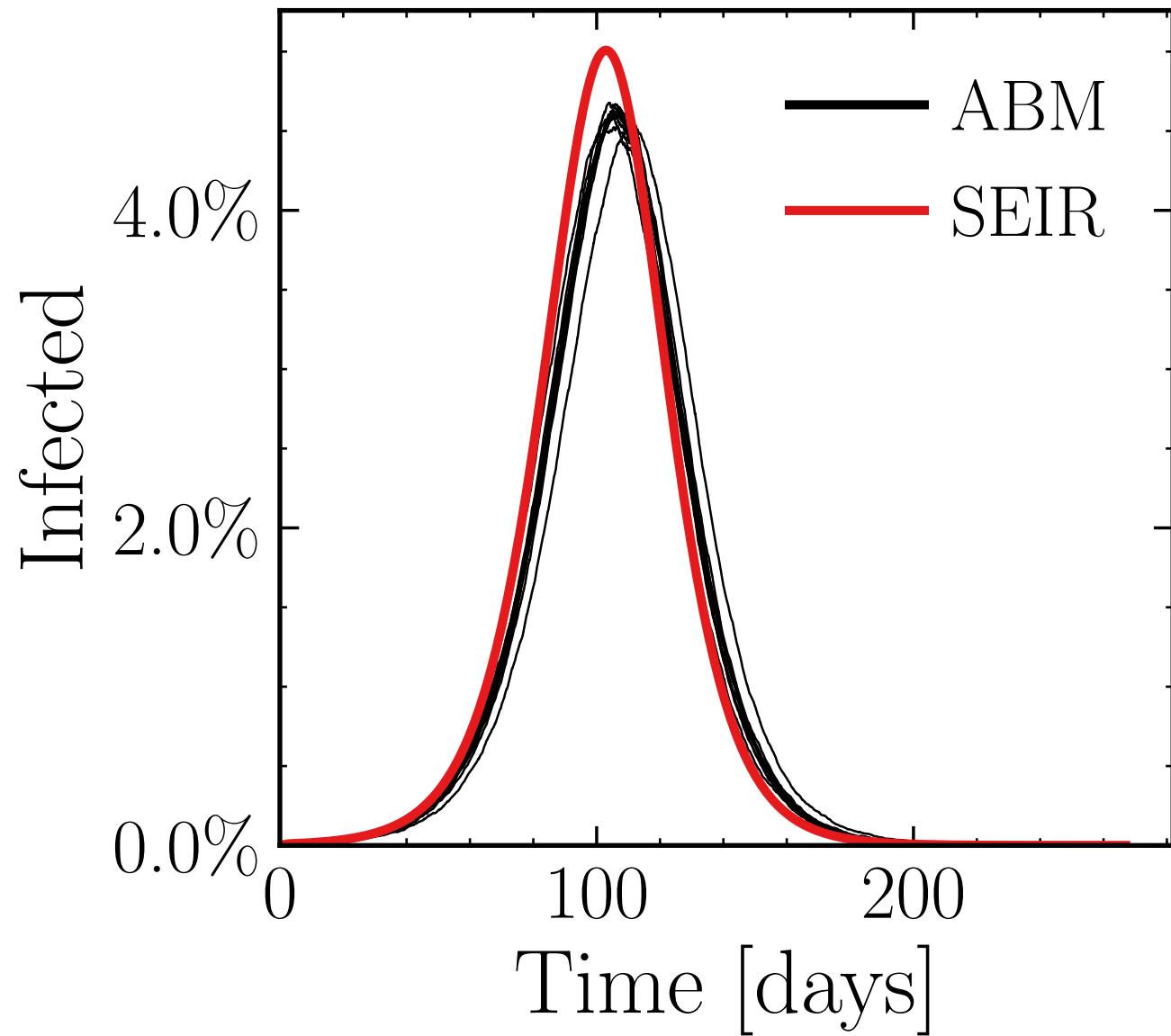
$I_{\text{peak}}^{\text{ABM}} = (26.76 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = be81e7fbdb, #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_{peak}} = 4, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (26.75 \pm 0.32\%) \cdot 10^3$ v. = 1.0, hash = 3dfd5b53b7, #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, $N_{\text{init}} = 100$

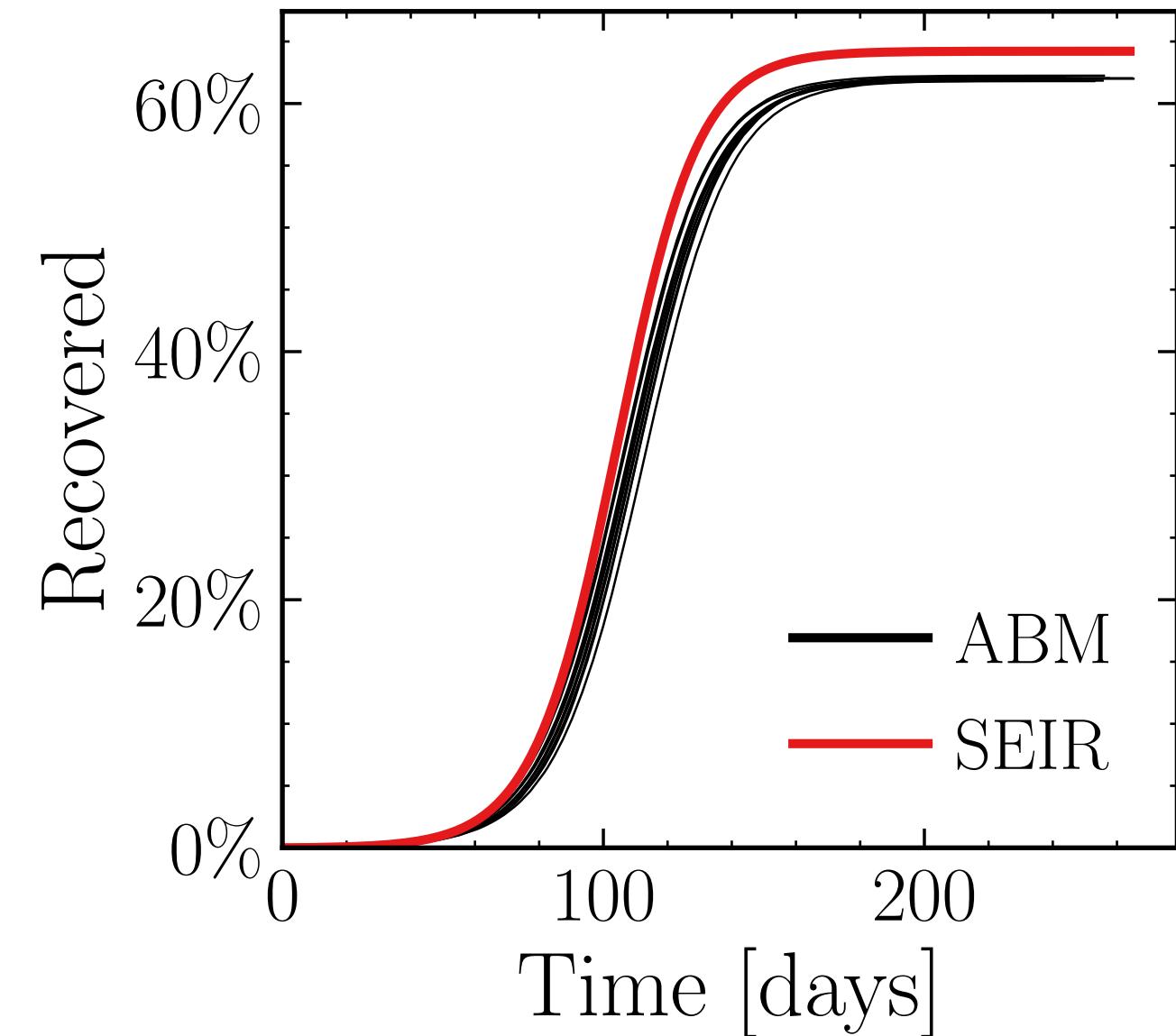
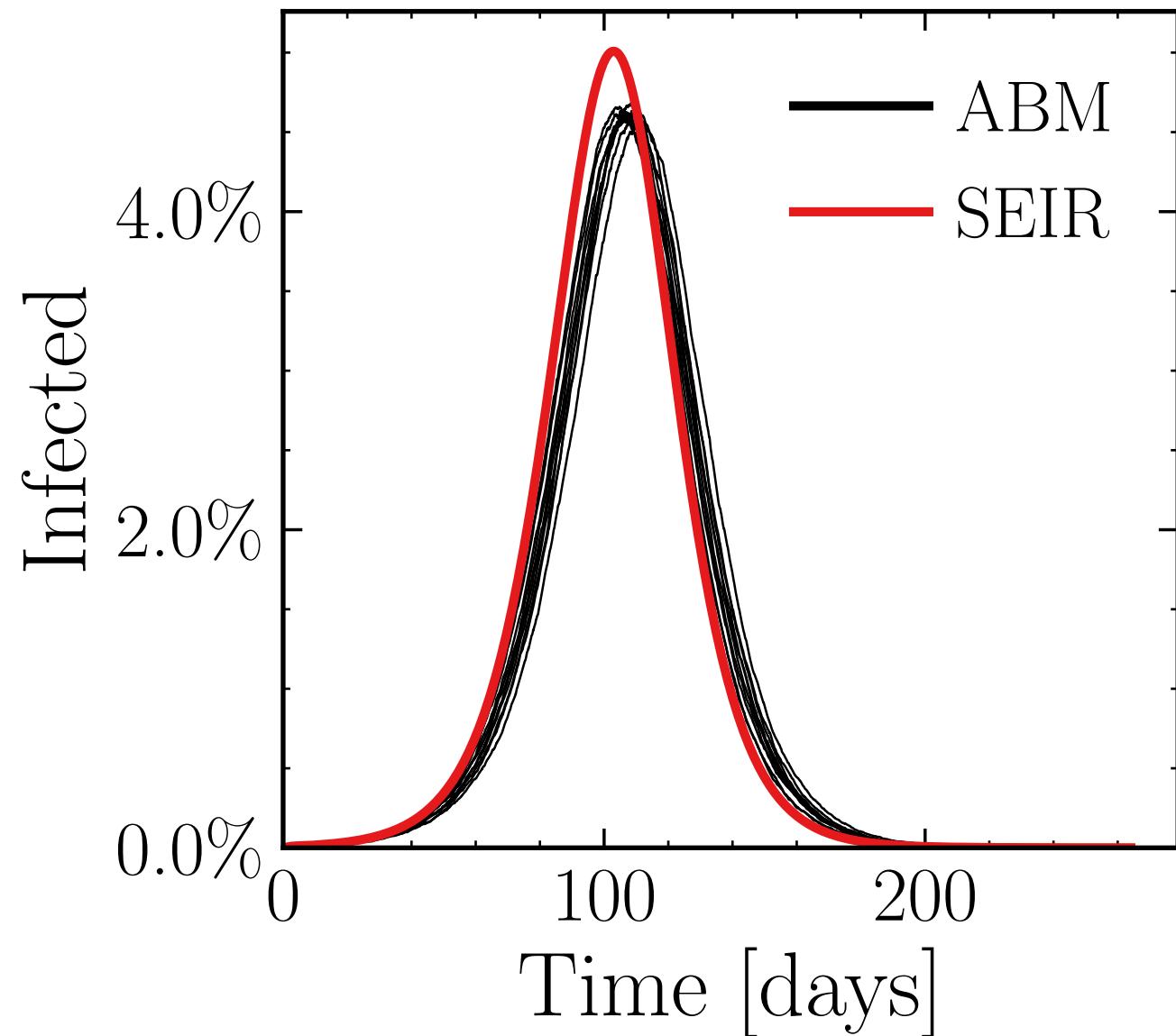
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5aa5125d35, #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, $N_{\text{init}} = 100$

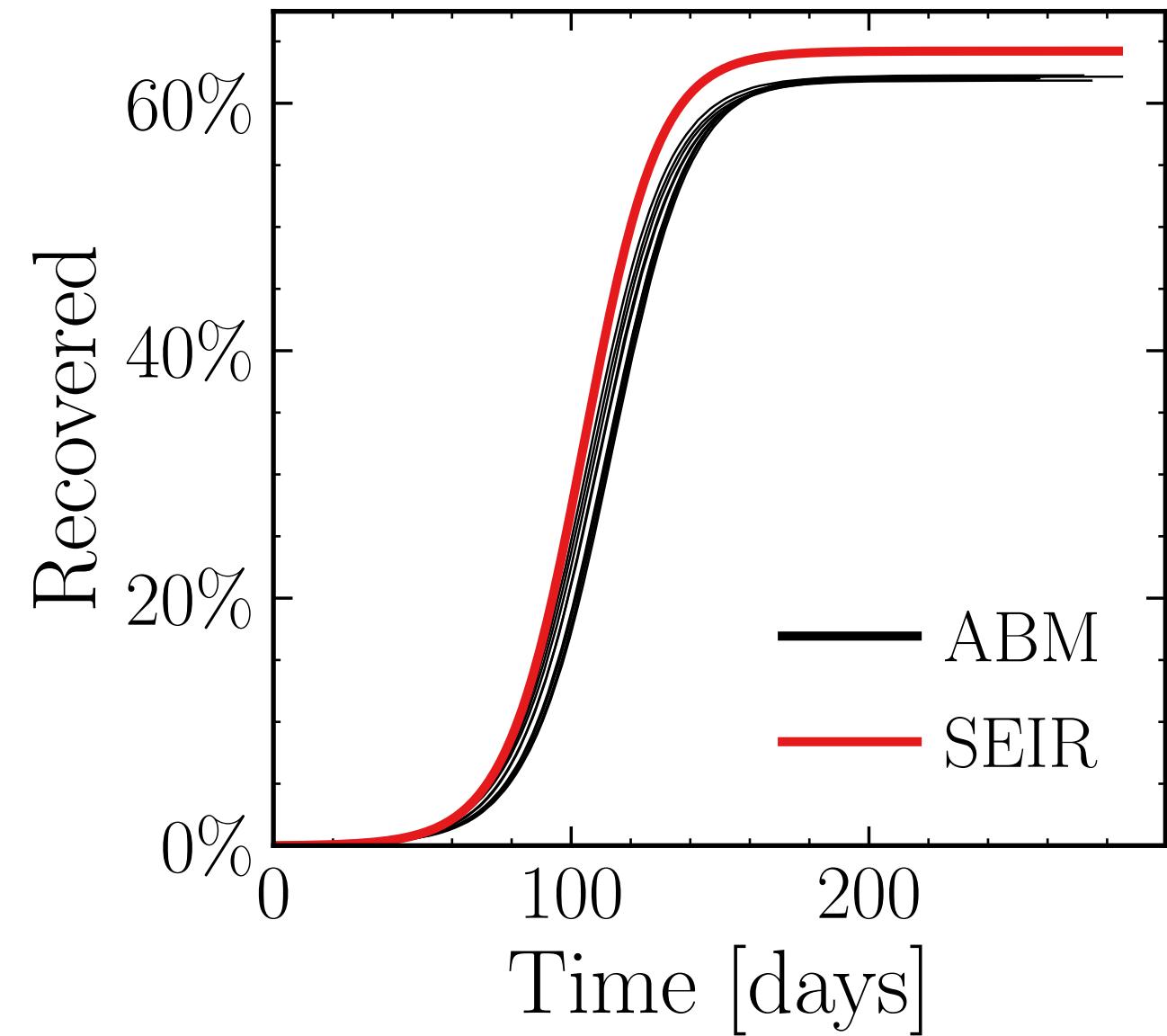
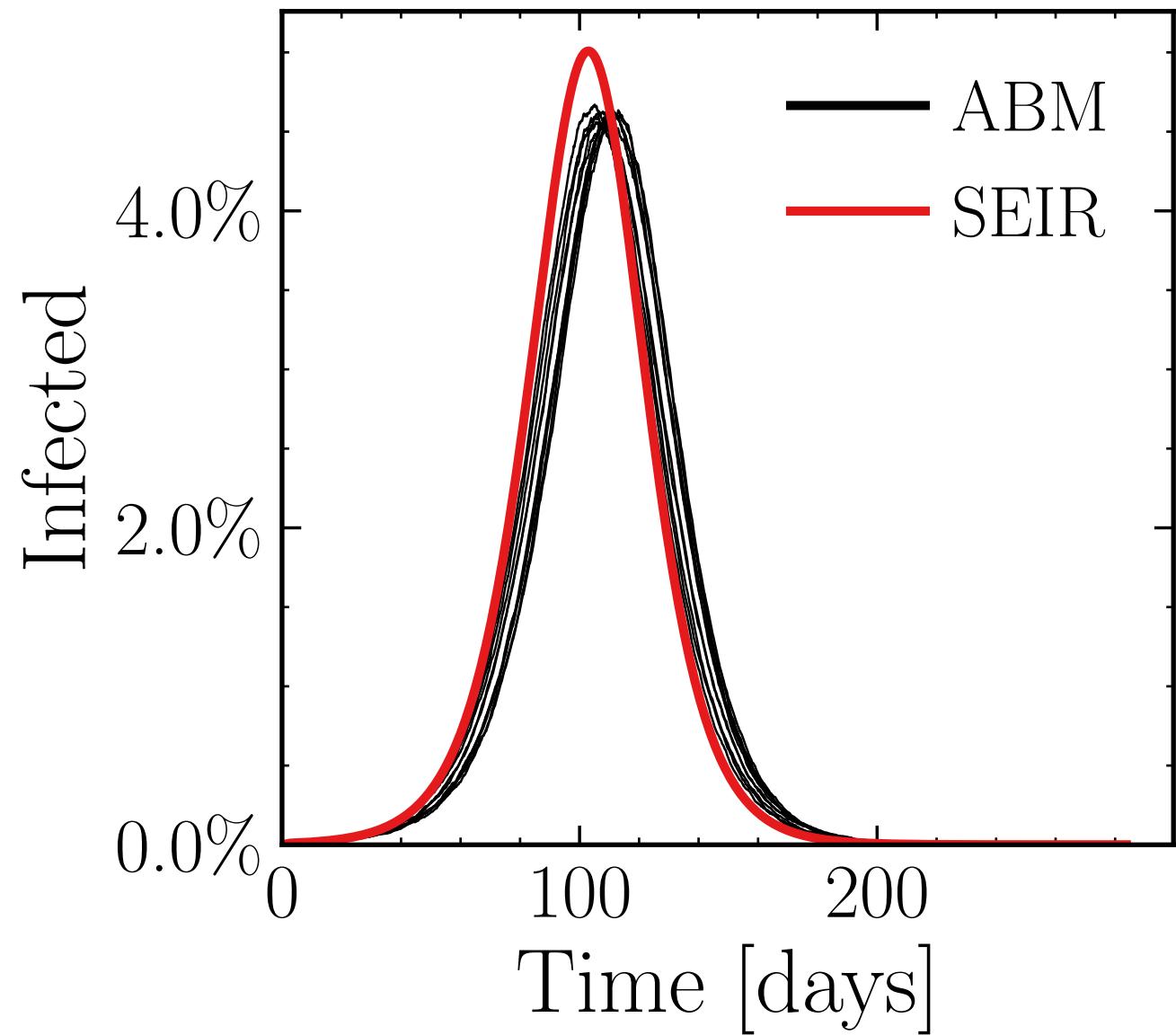
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = afce513748, #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, $N_{\text{init}} = 100$

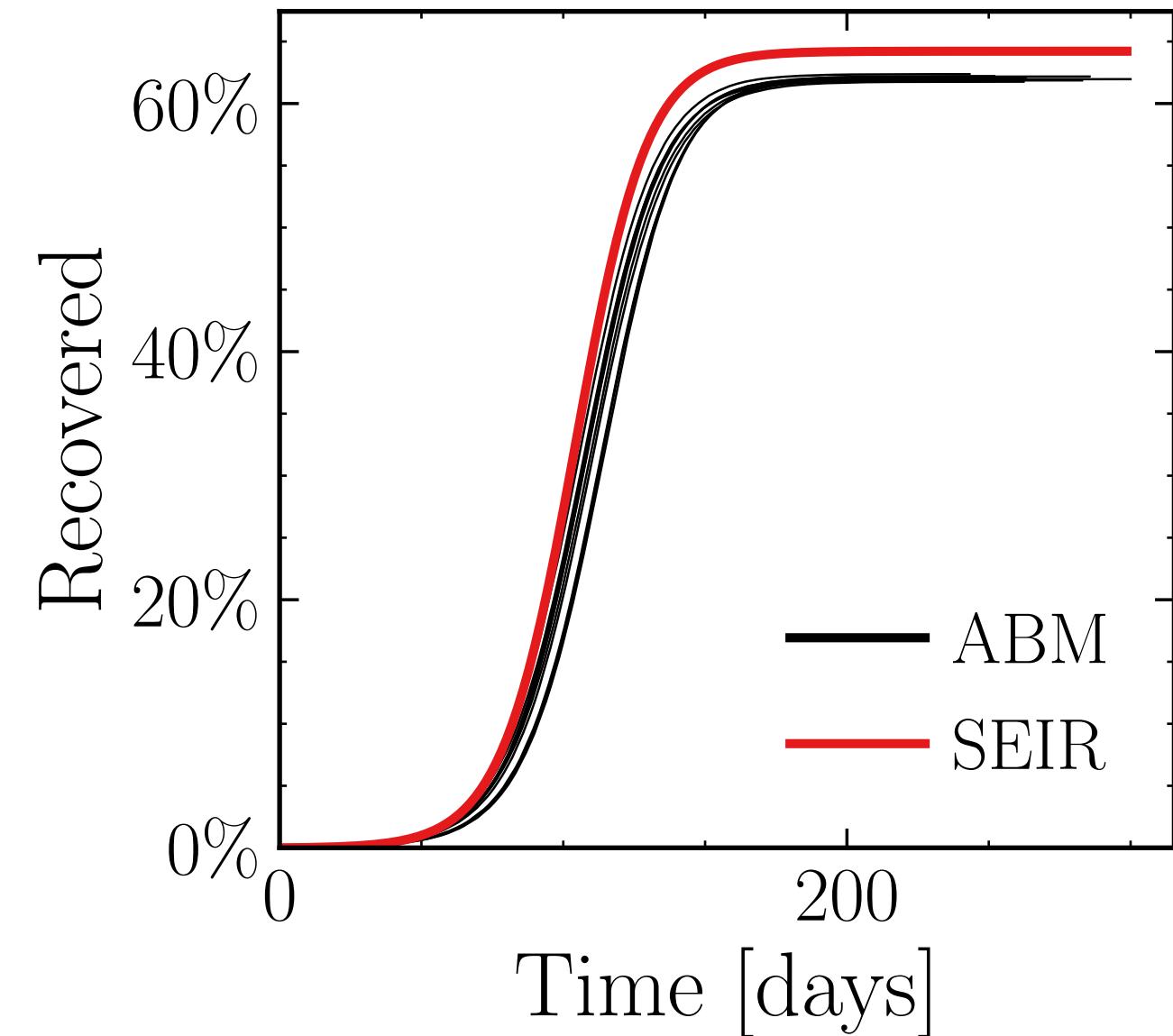
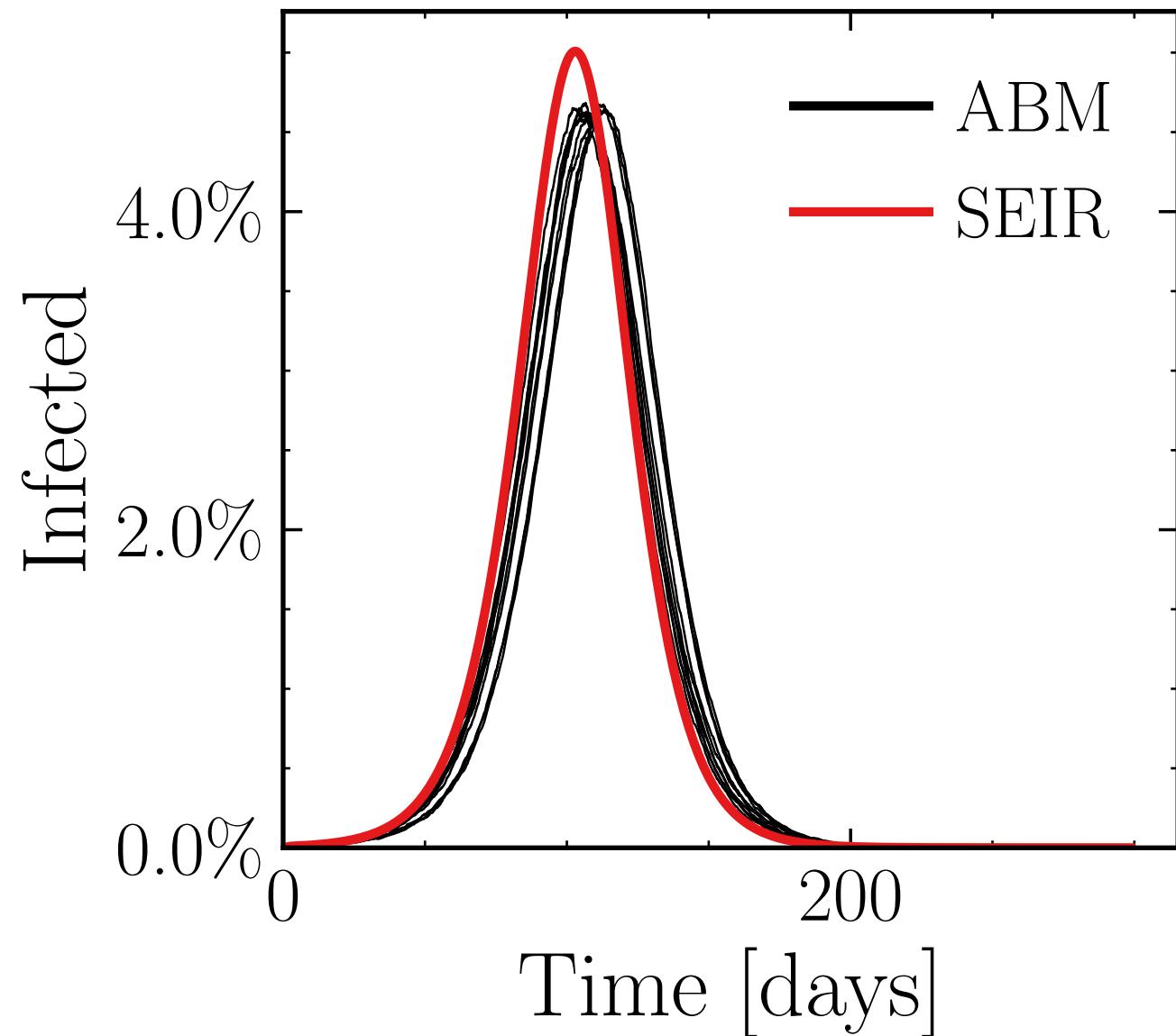
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 071040b8f7, #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, $N_{\text{init}} = 100$

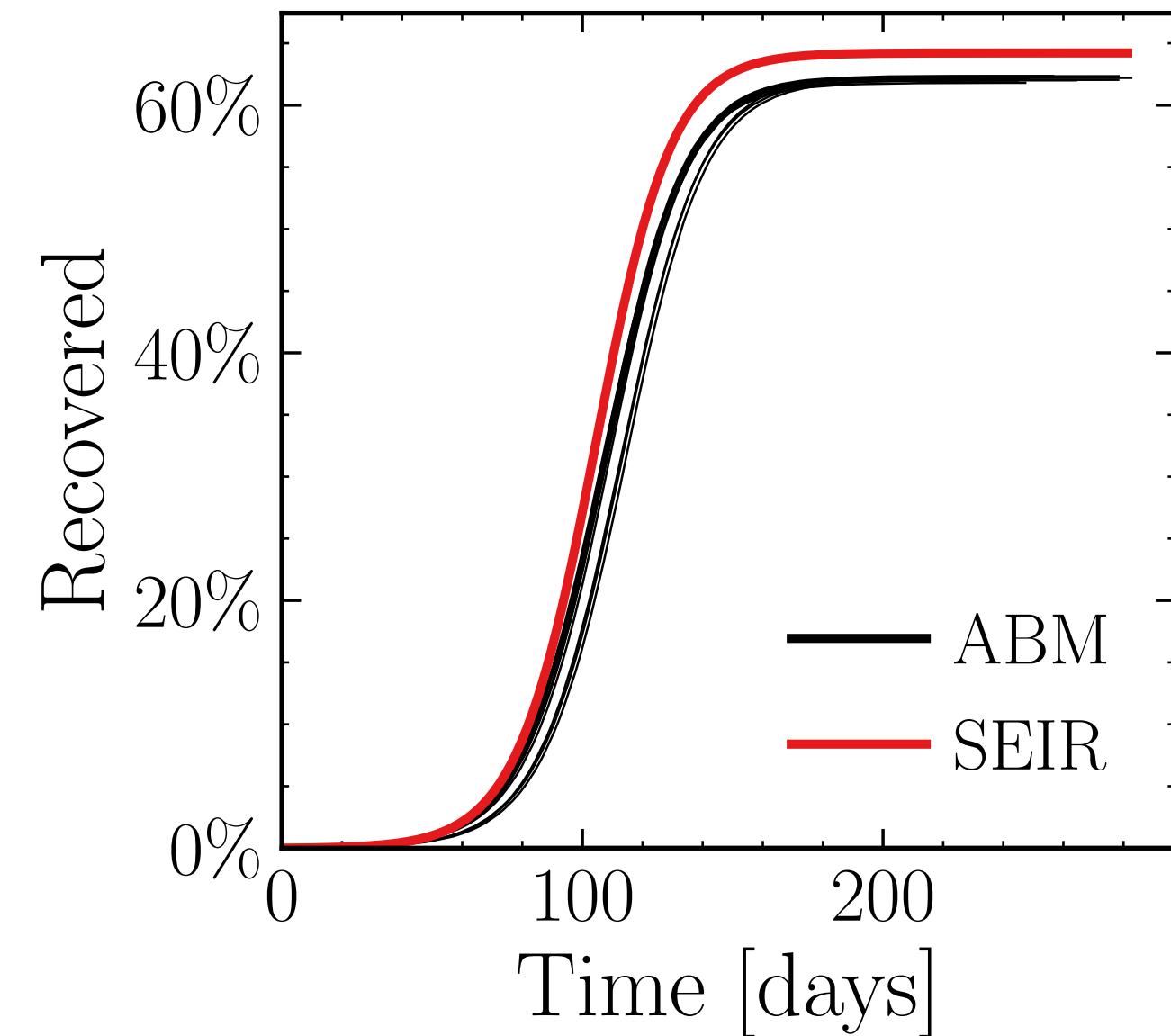
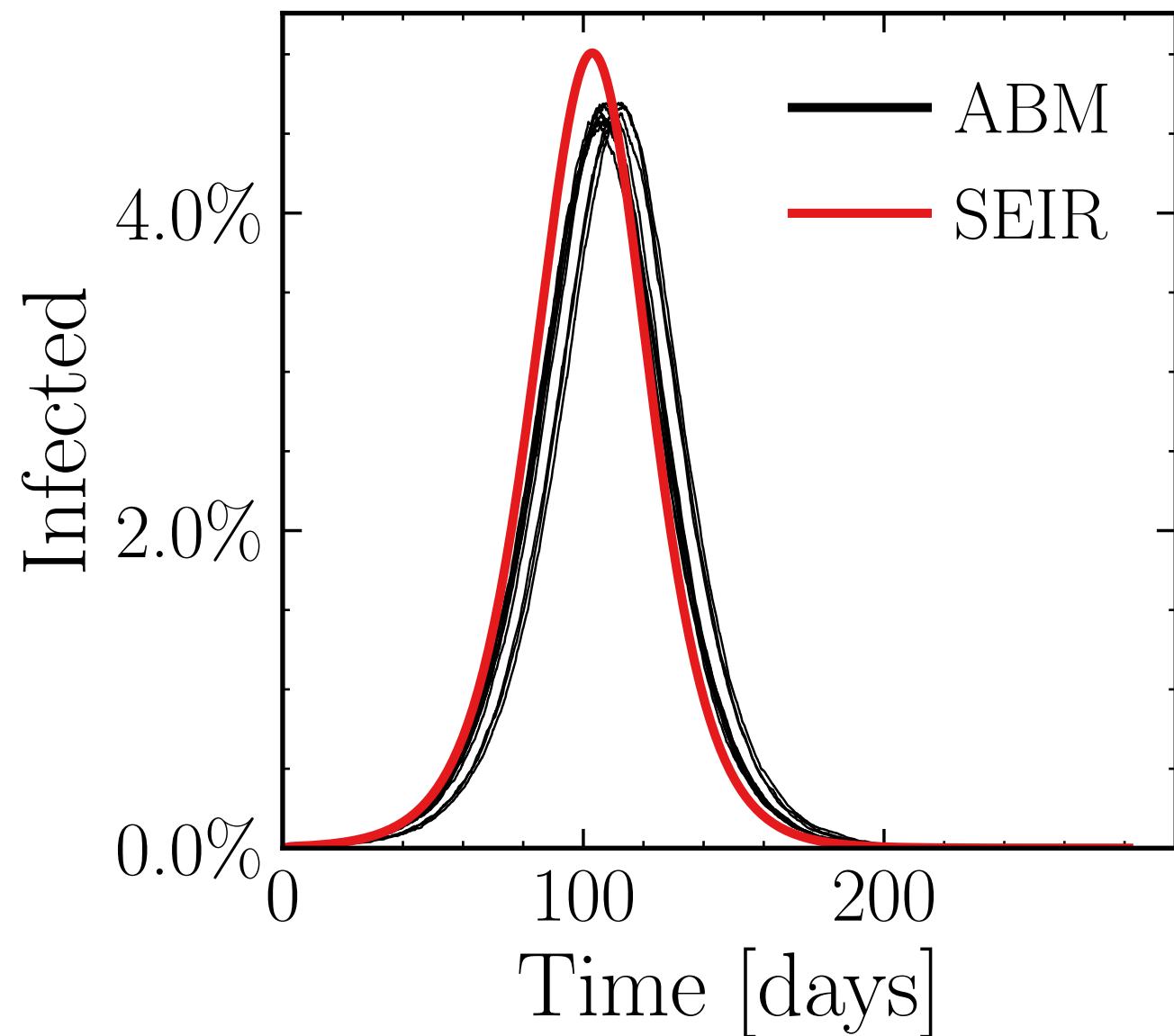
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 71698f2e63, #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, $N_{\text{init}} = 100$

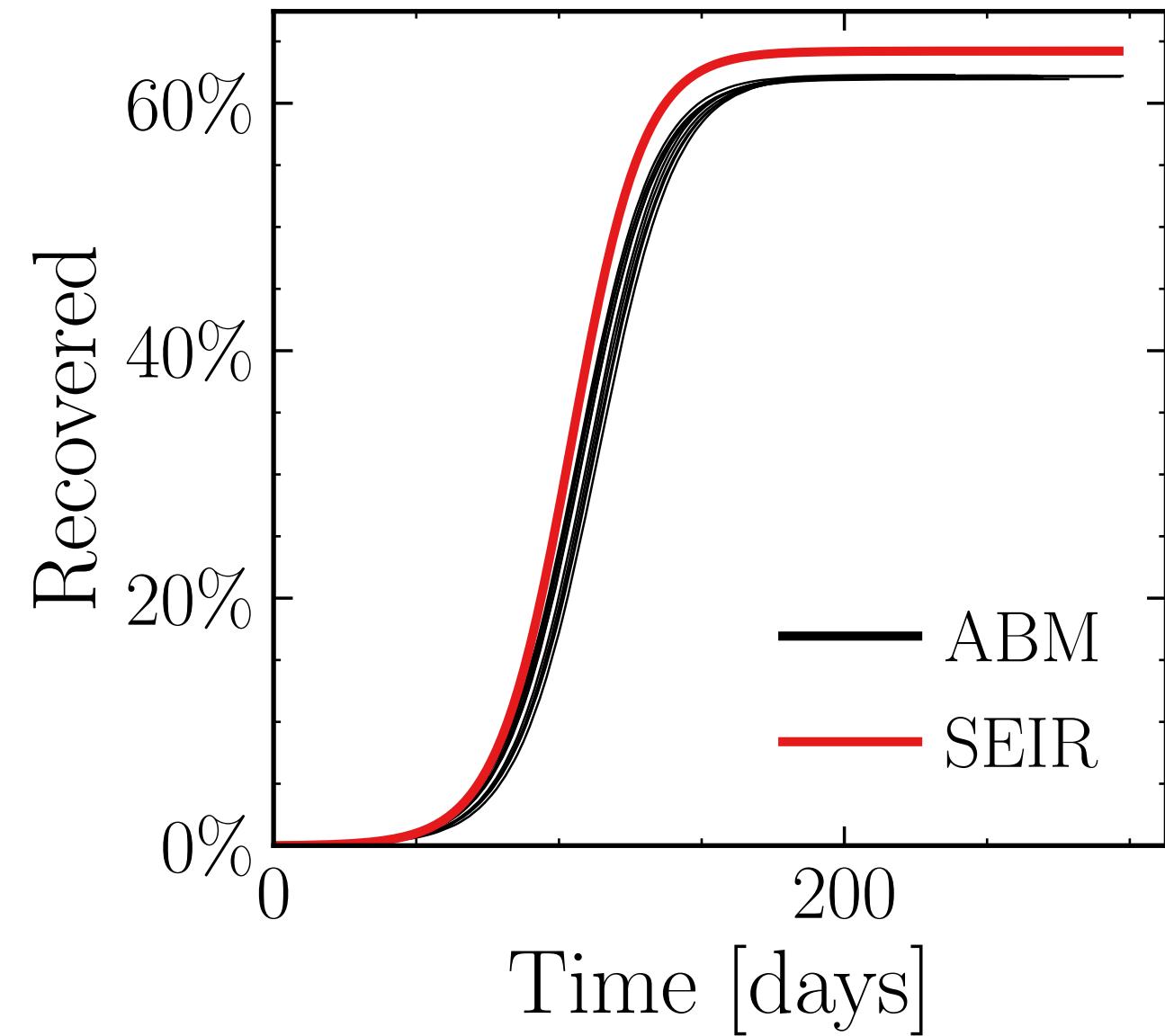
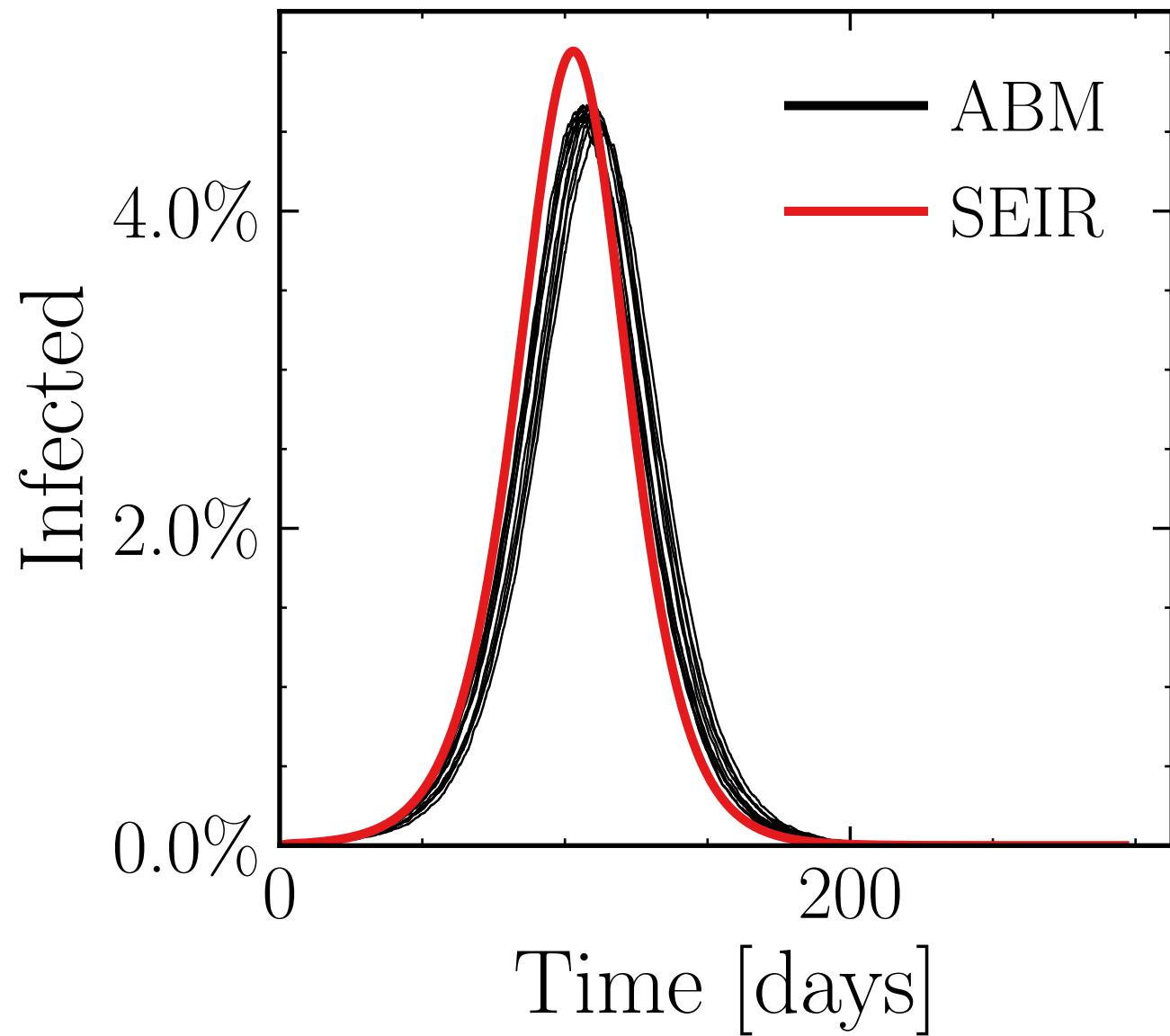
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 4914ddee51, #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, $N_{\text{init}} = 100$

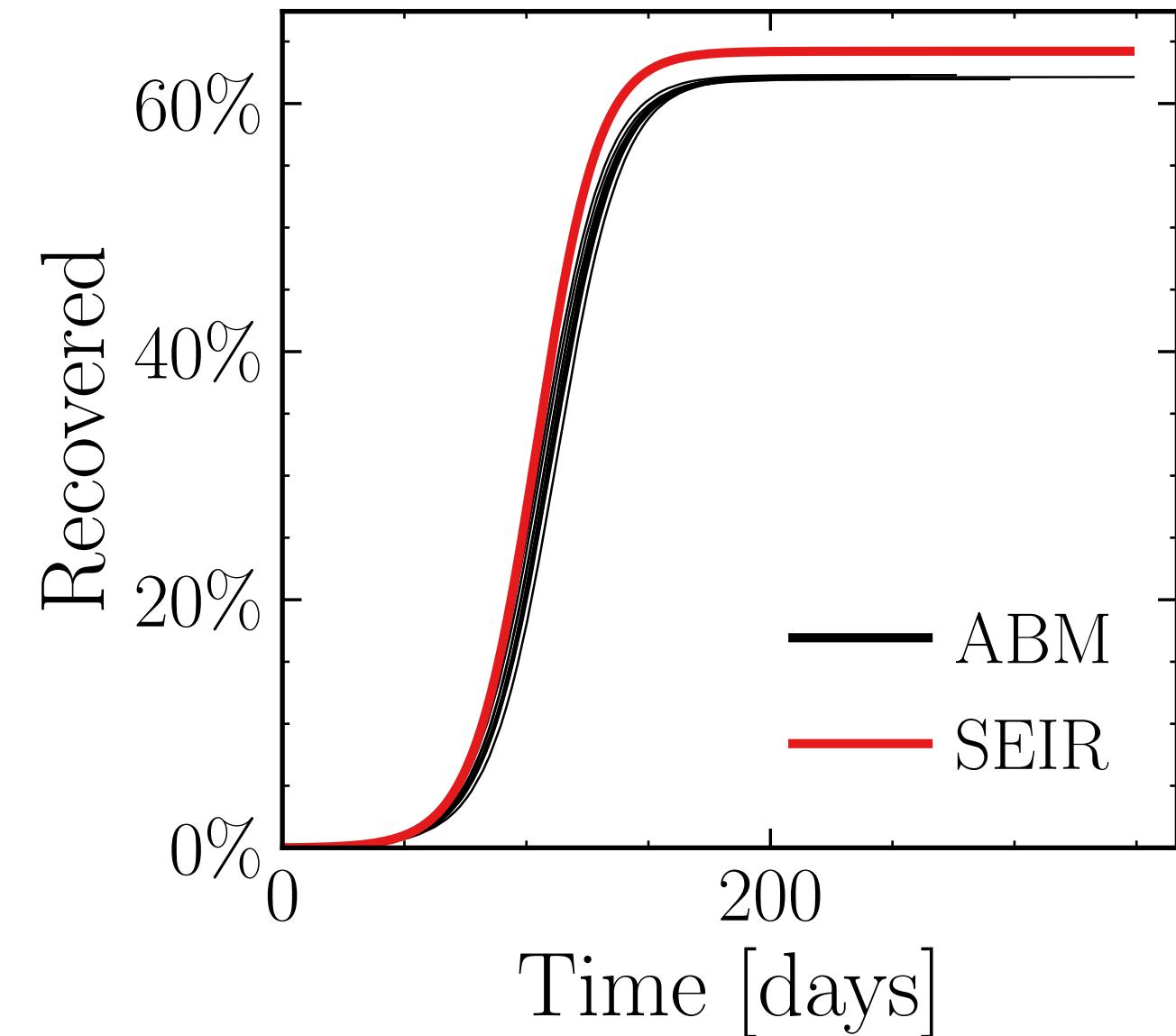
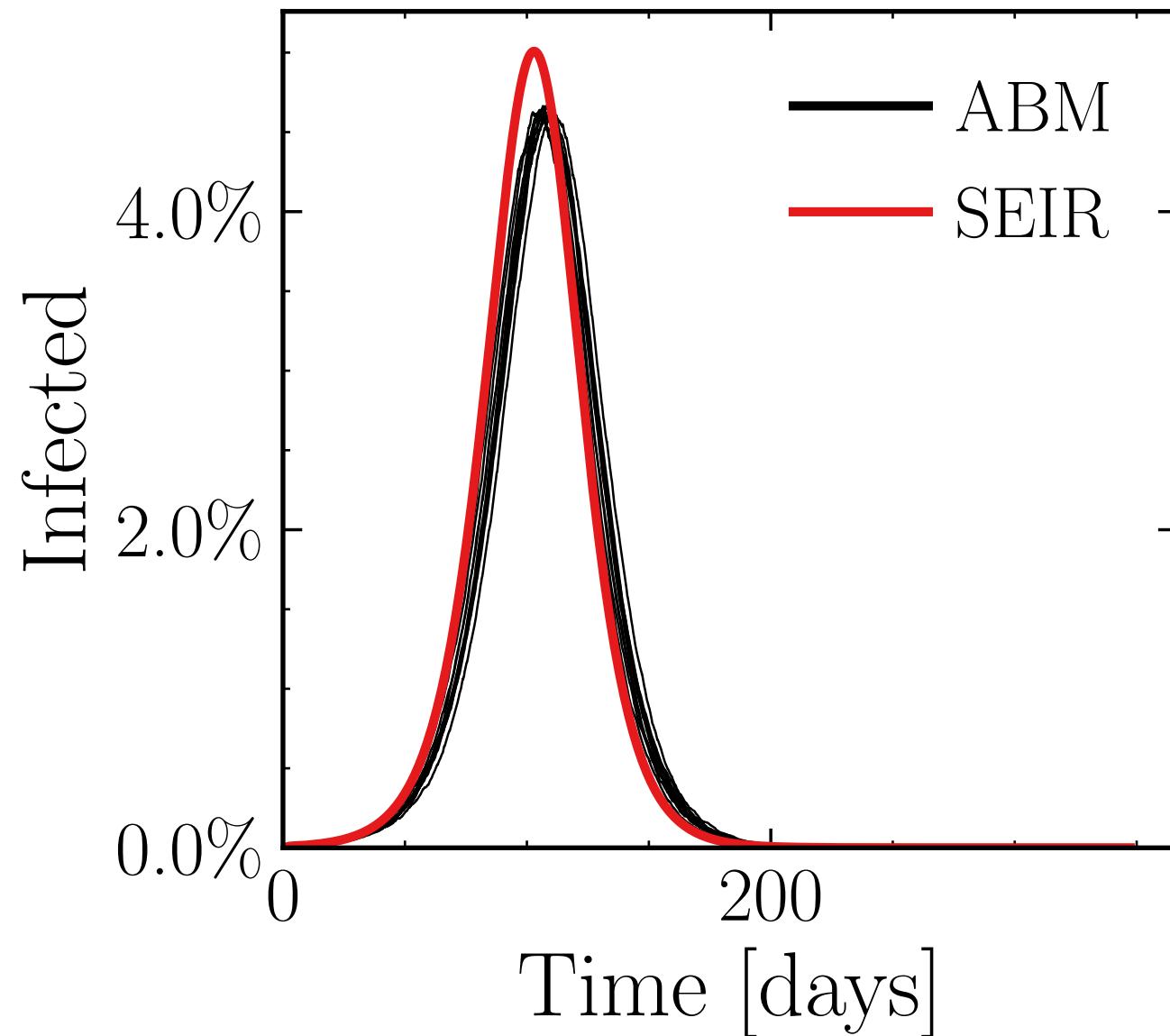
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5d3c1ab0ed, #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, $N_{\text{init}} = 100$

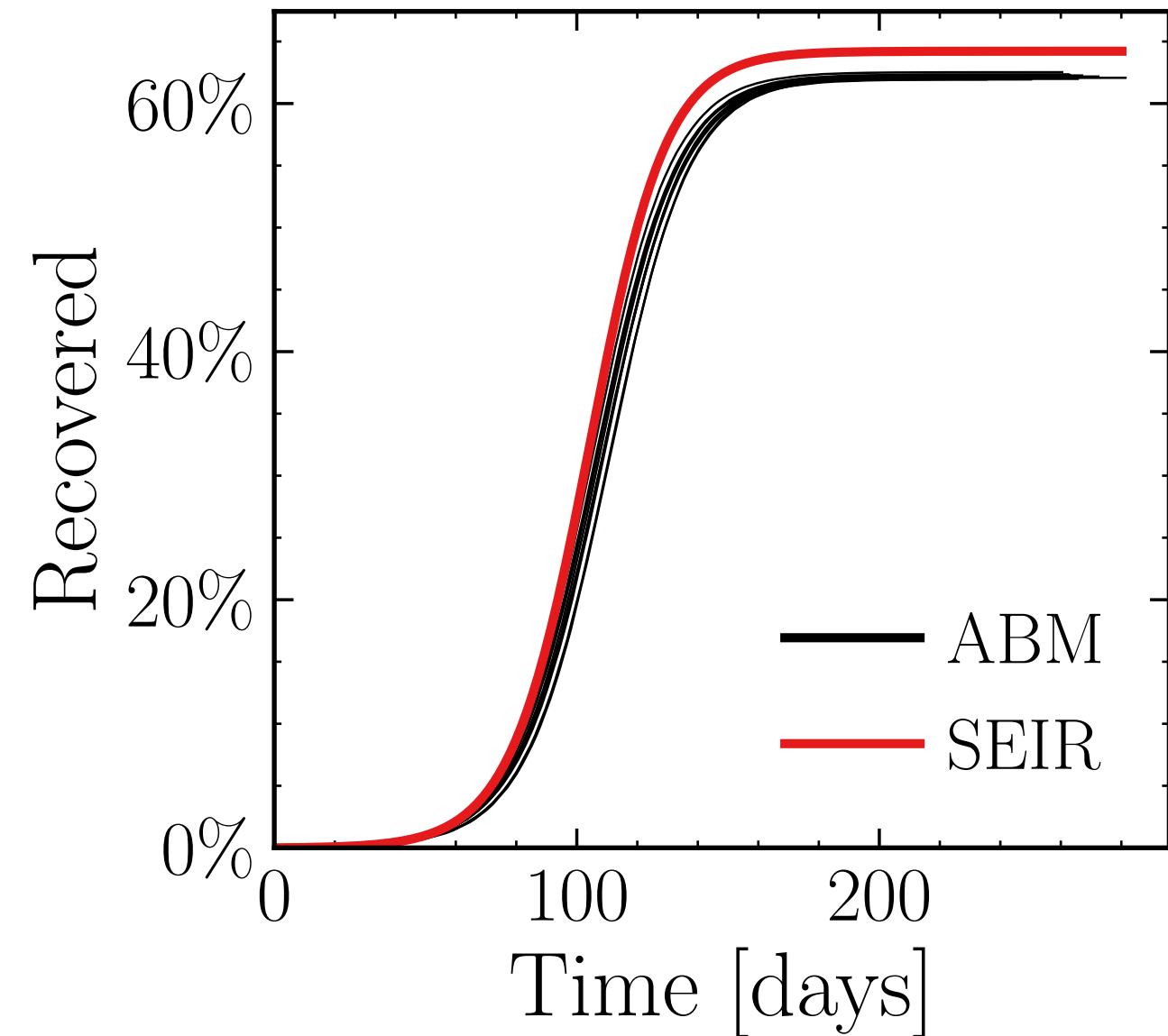
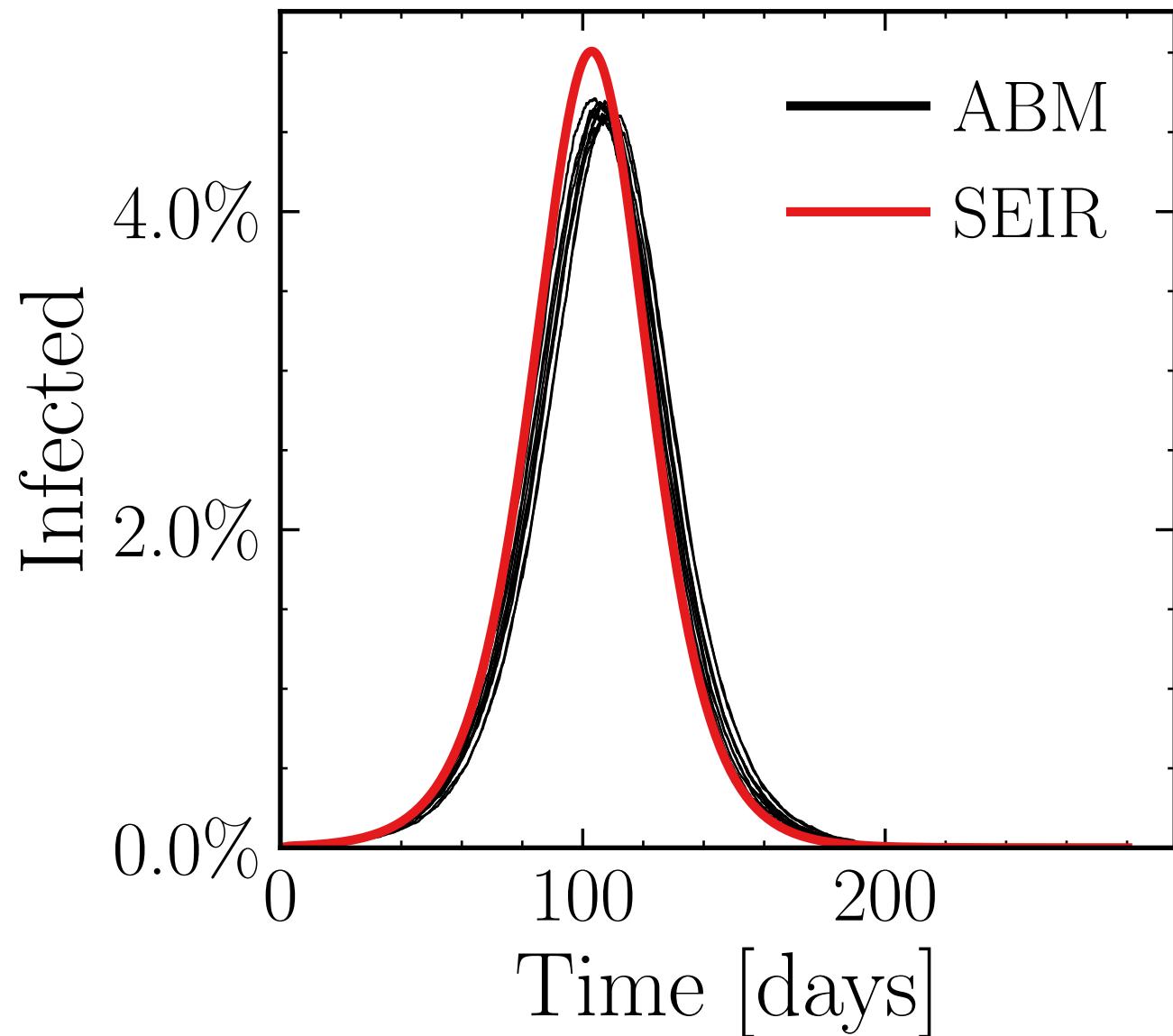
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = c3897c9bc7, #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, $N_{\text{init}} = 100$

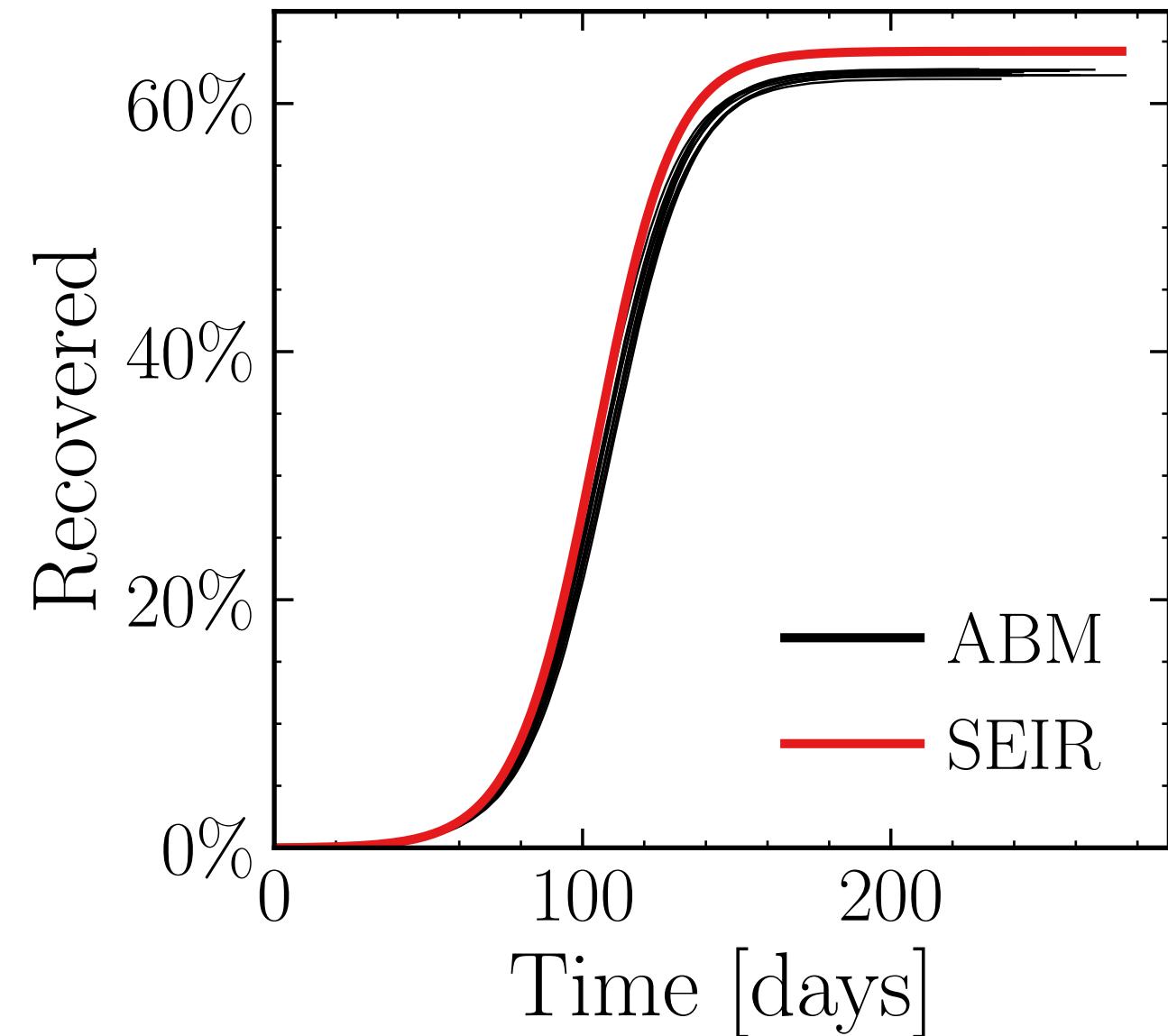
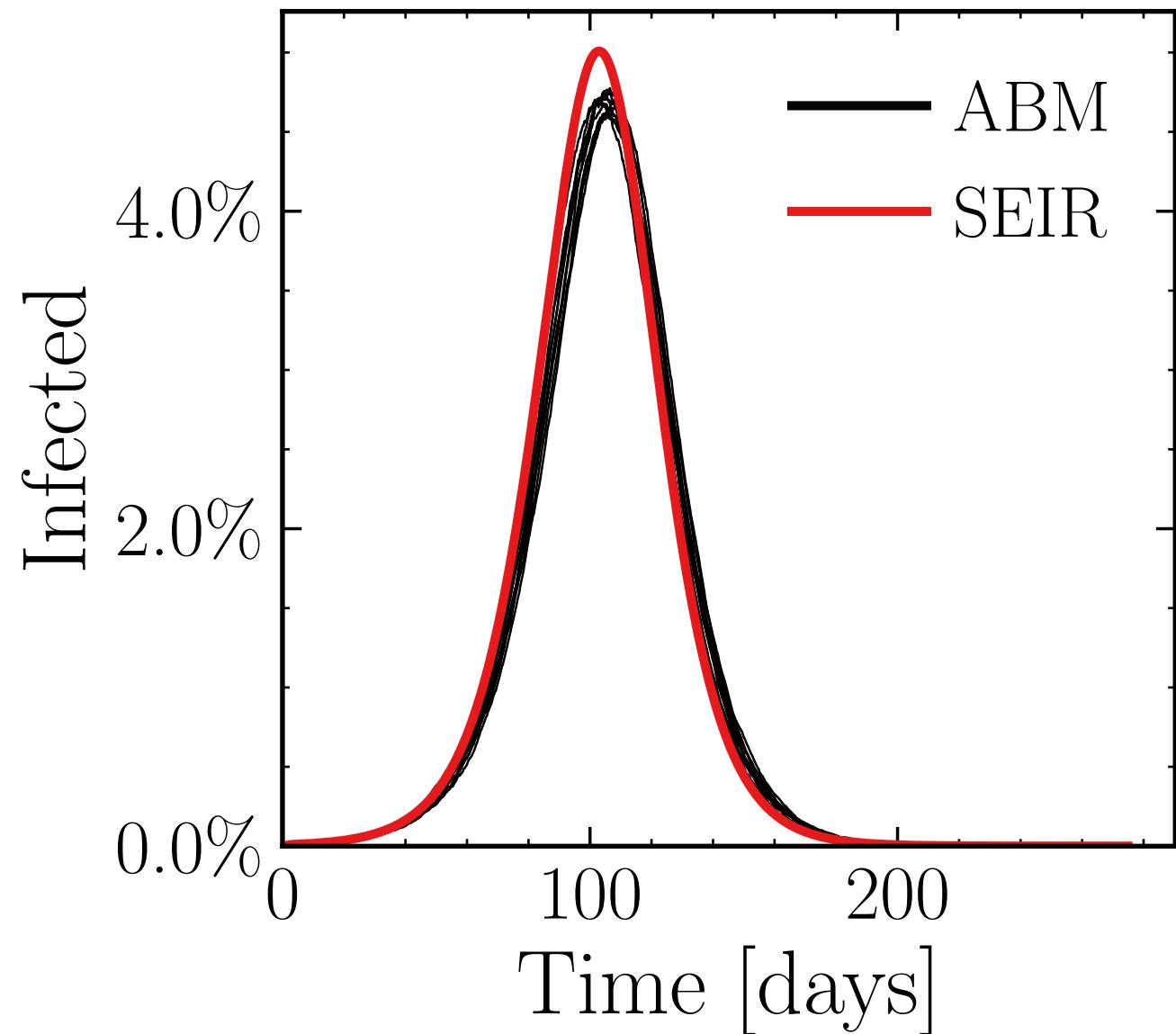
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 34792ed9f3, #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, $N_{\text{init}} = 100$

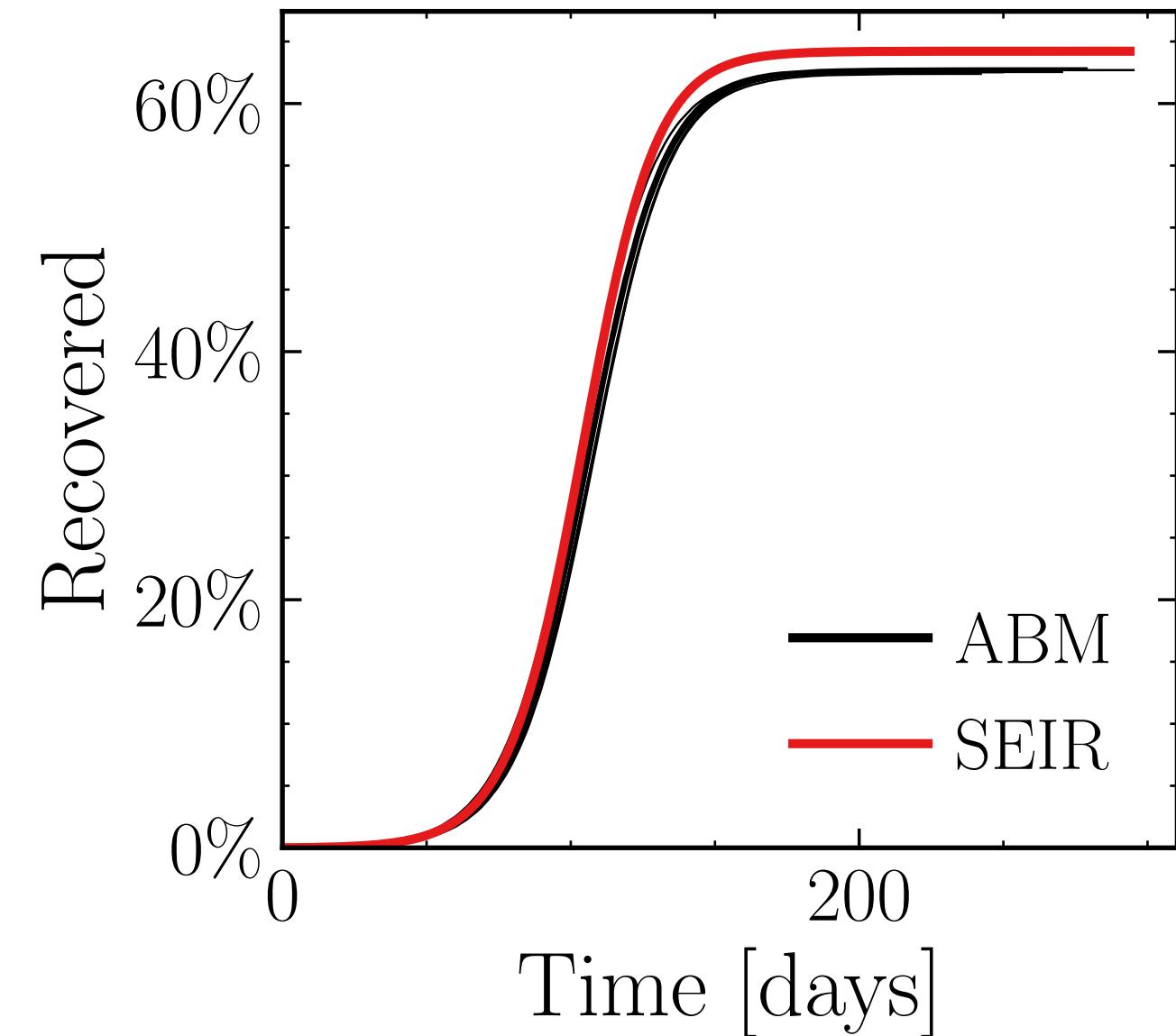
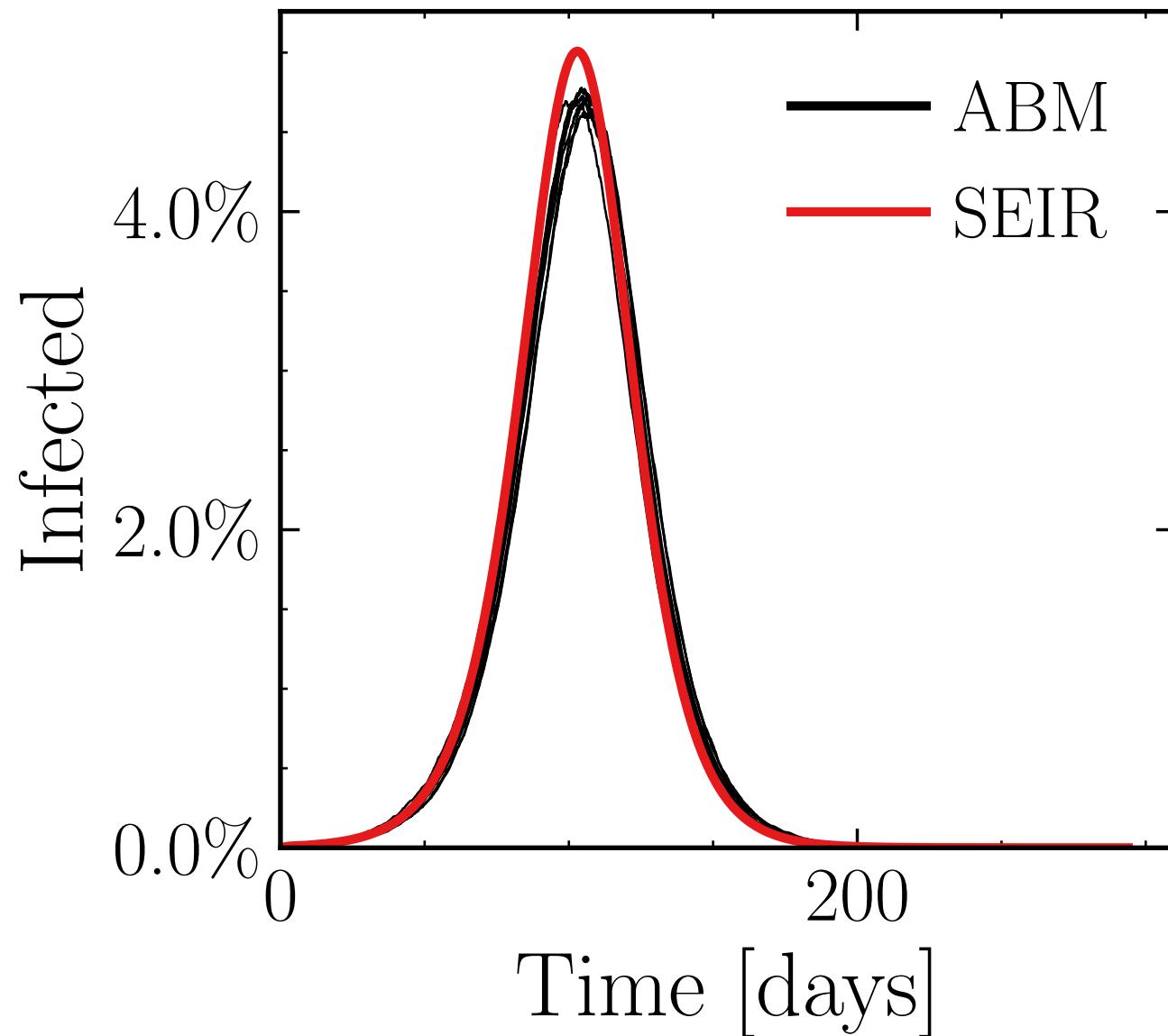
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = b3c3aff8c7, #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, $N_{\text{init}} = 100$

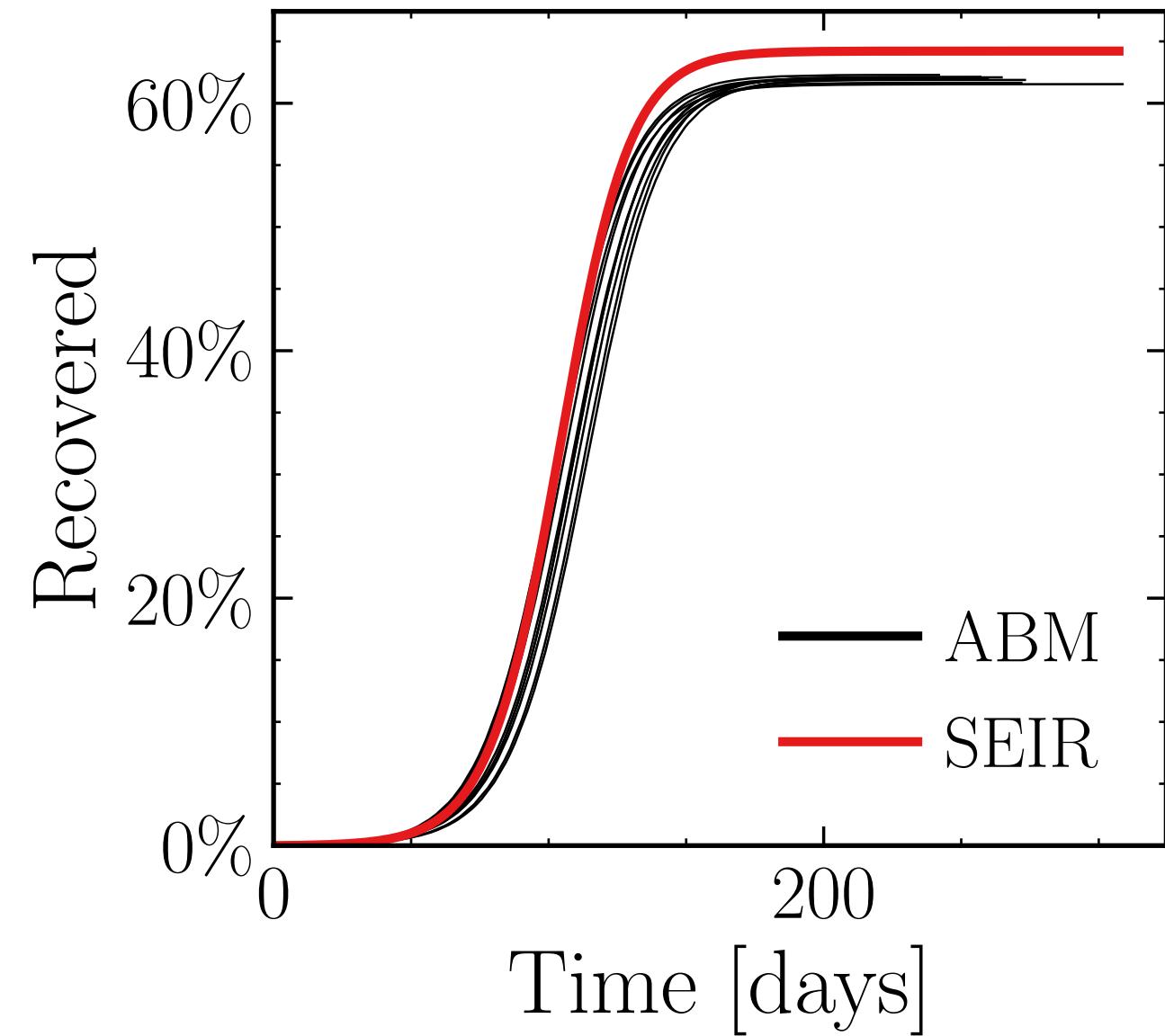
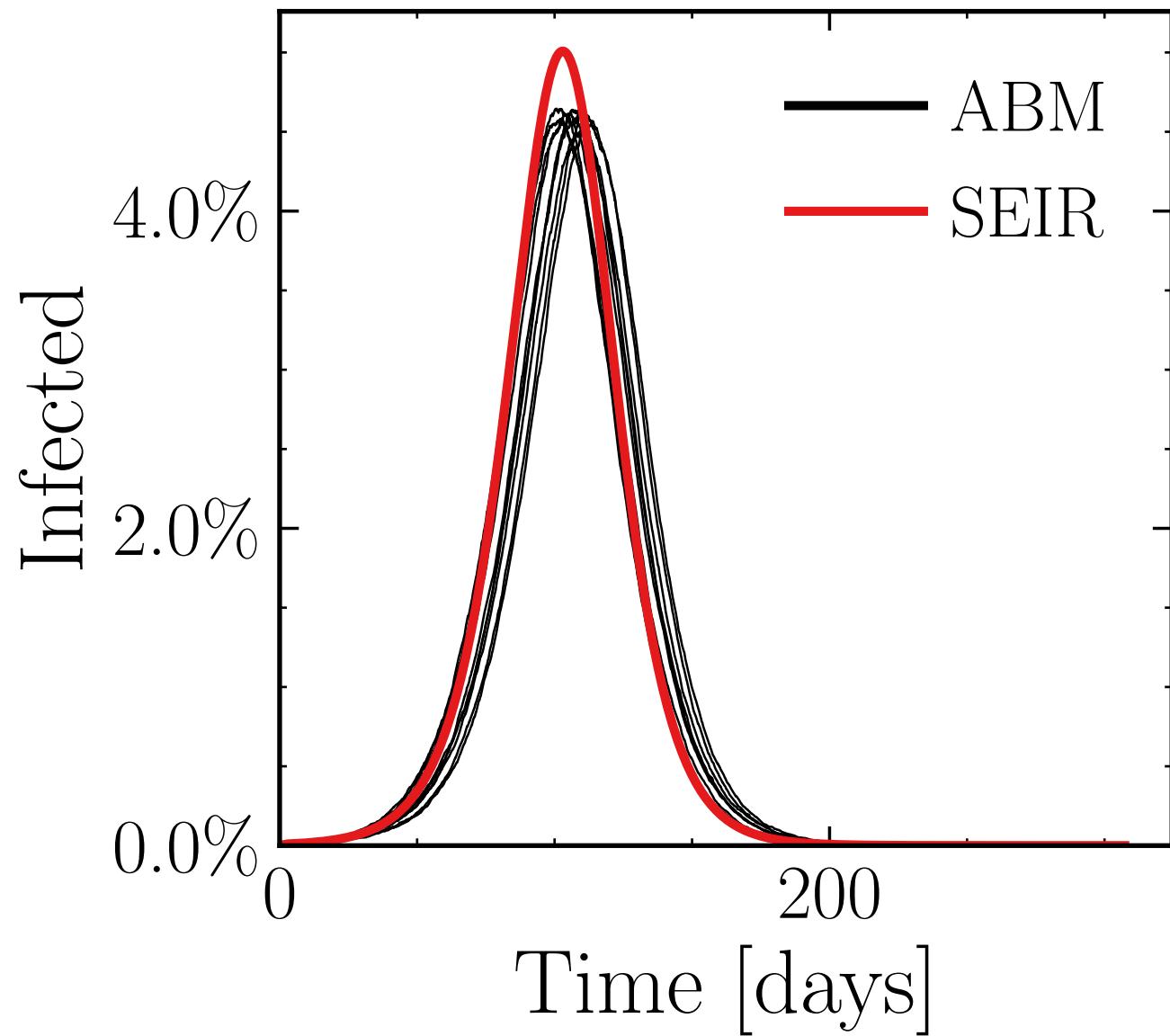
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

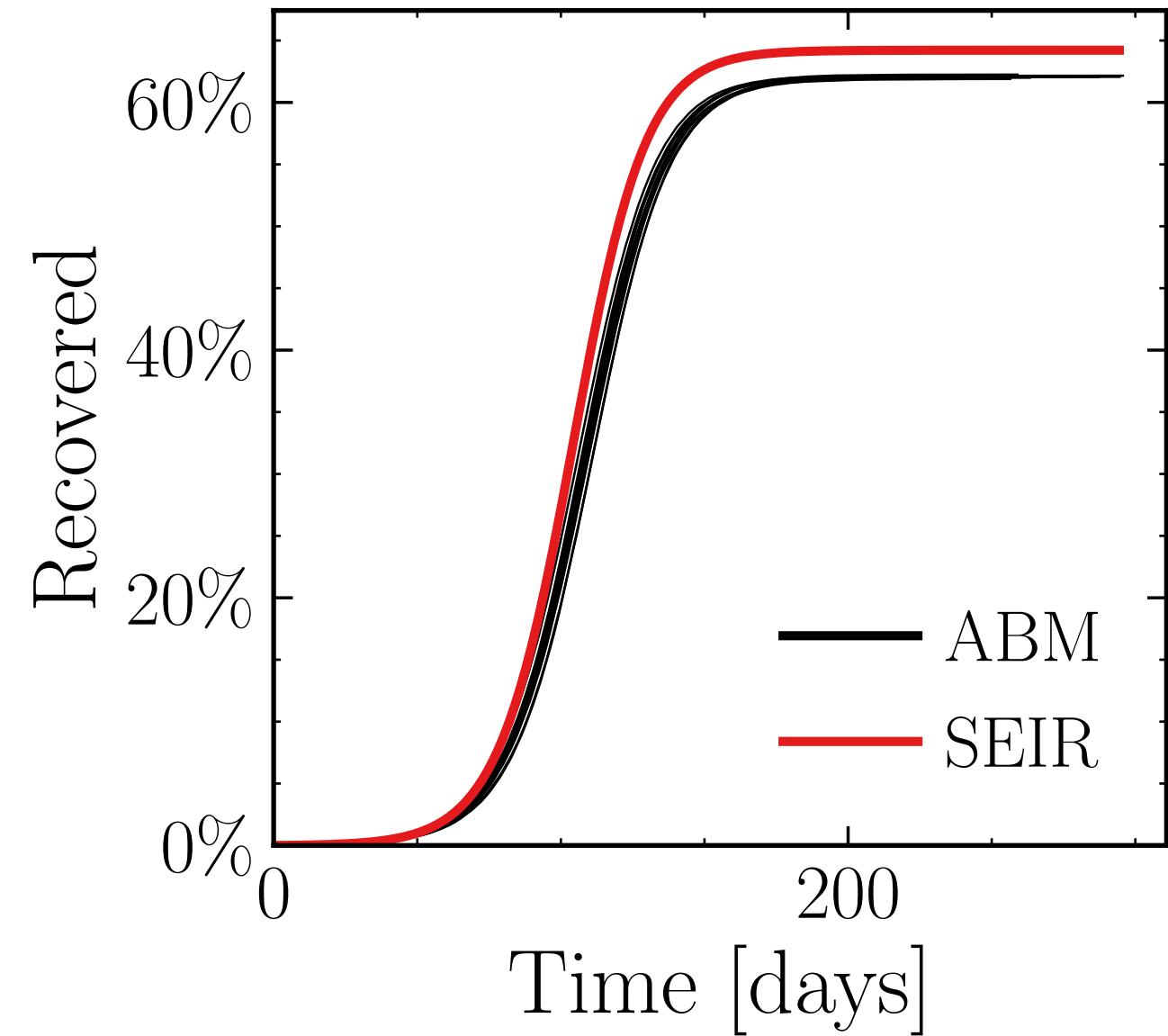
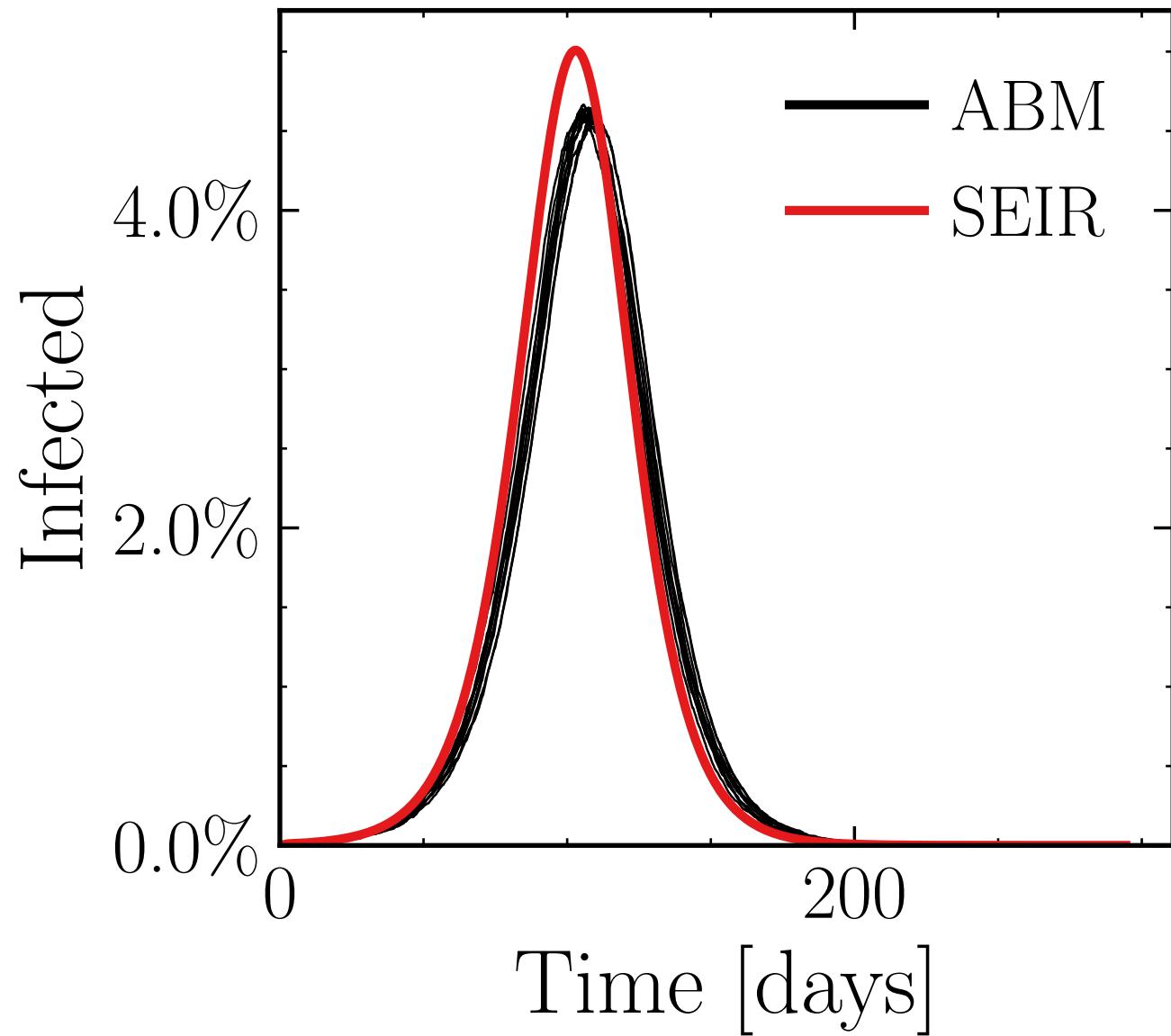
$I_{\text{peak}}^{\text{ABM}} = (26.64 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 8c4b358481, #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_{peak}} = 2, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (26.76 \pm 0.22\%) \cdot 10^3$ v. = 1.0, hash = 8b5c6cbcb2, #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, $N_{\text{init}} = 100$

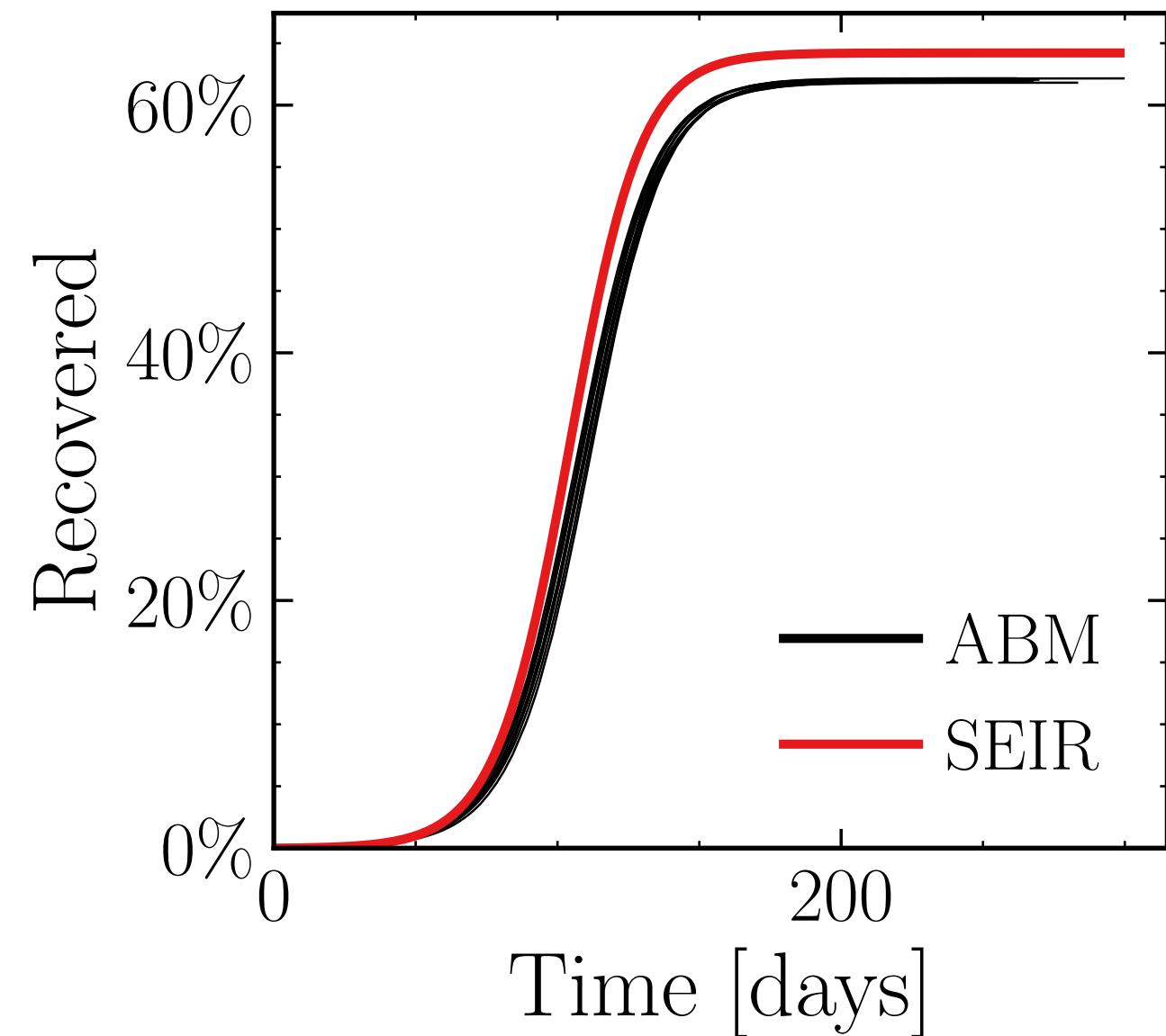
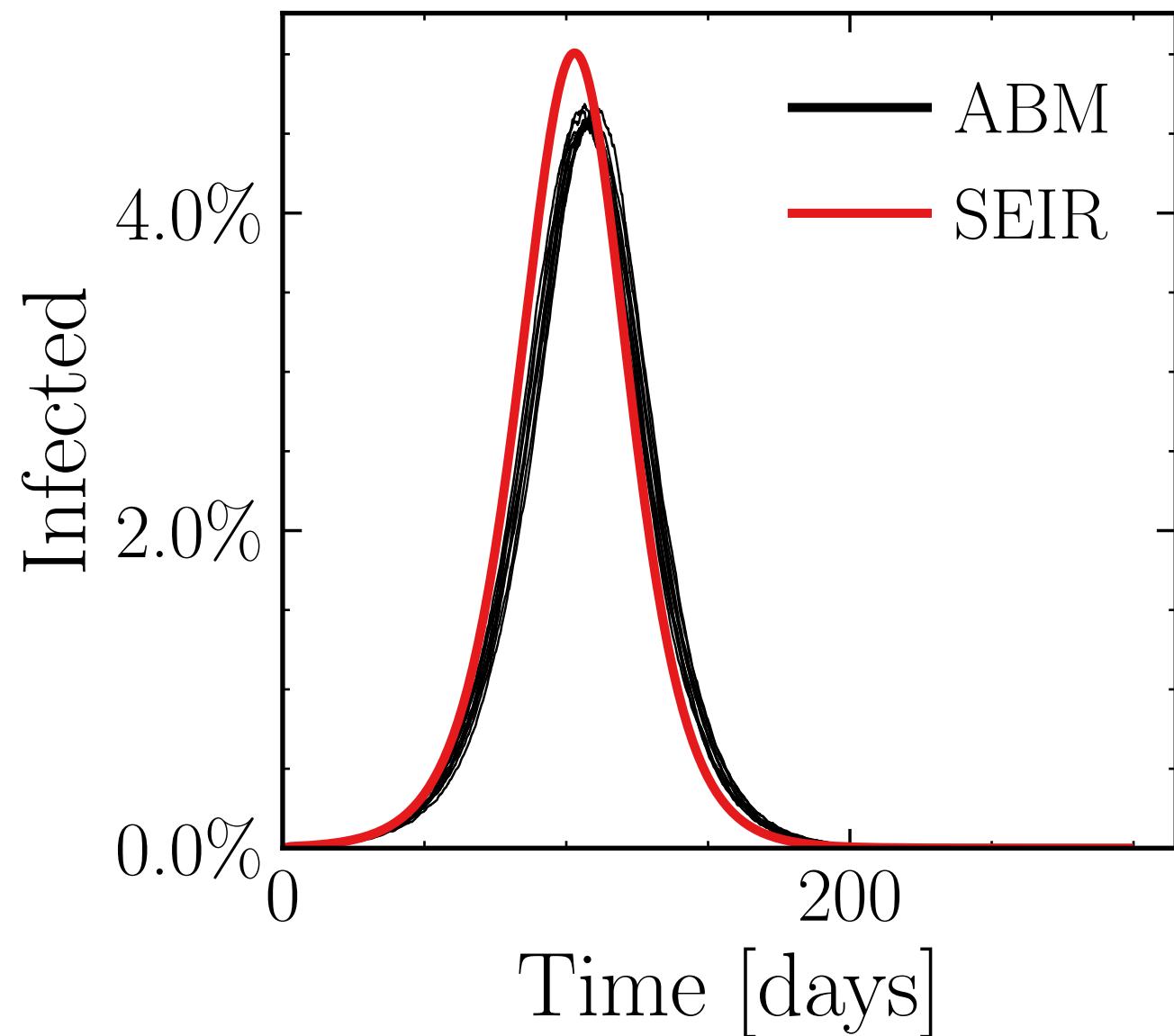
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 932edb6554, #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, $N_{\text{init}} = 100$

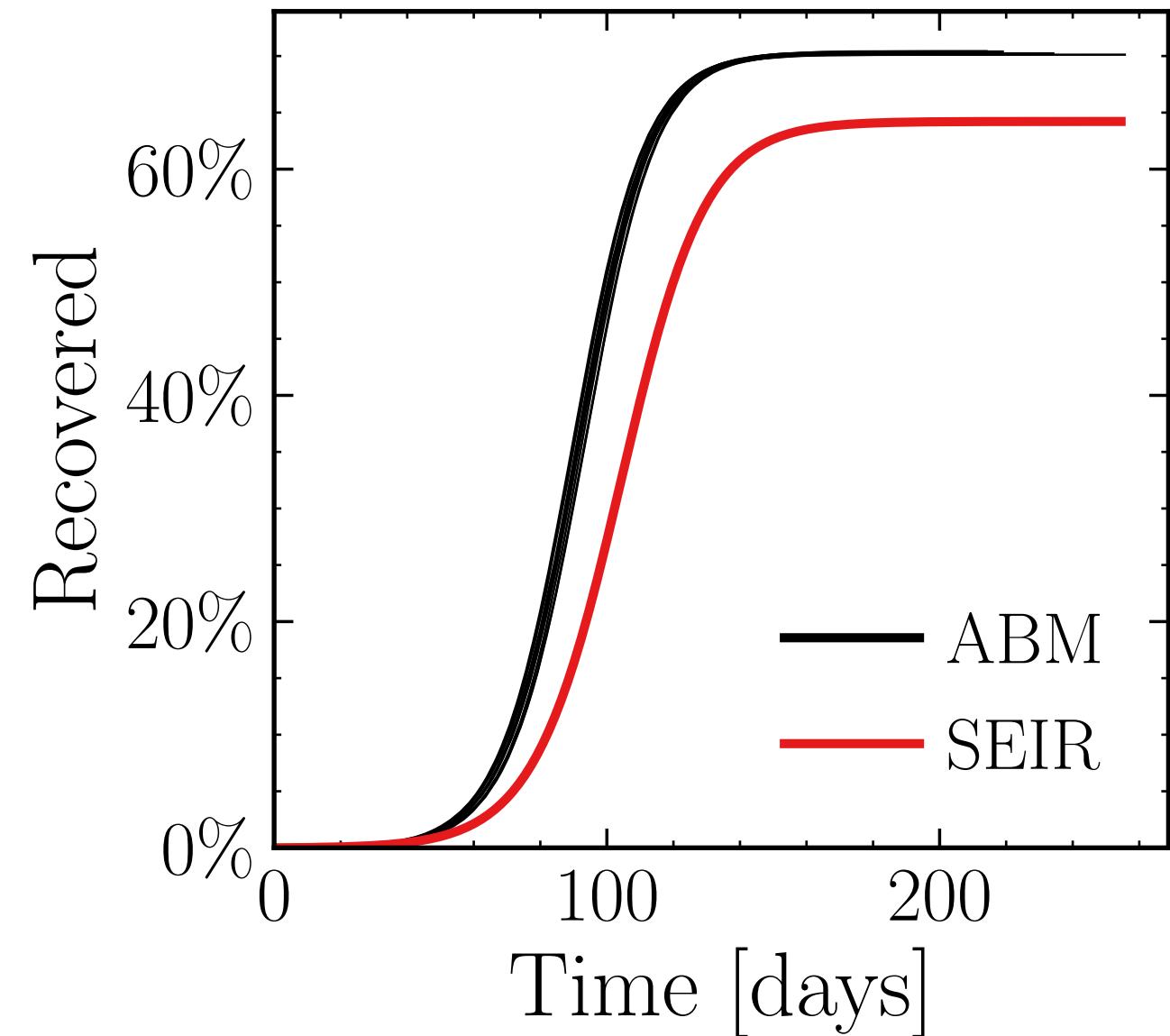
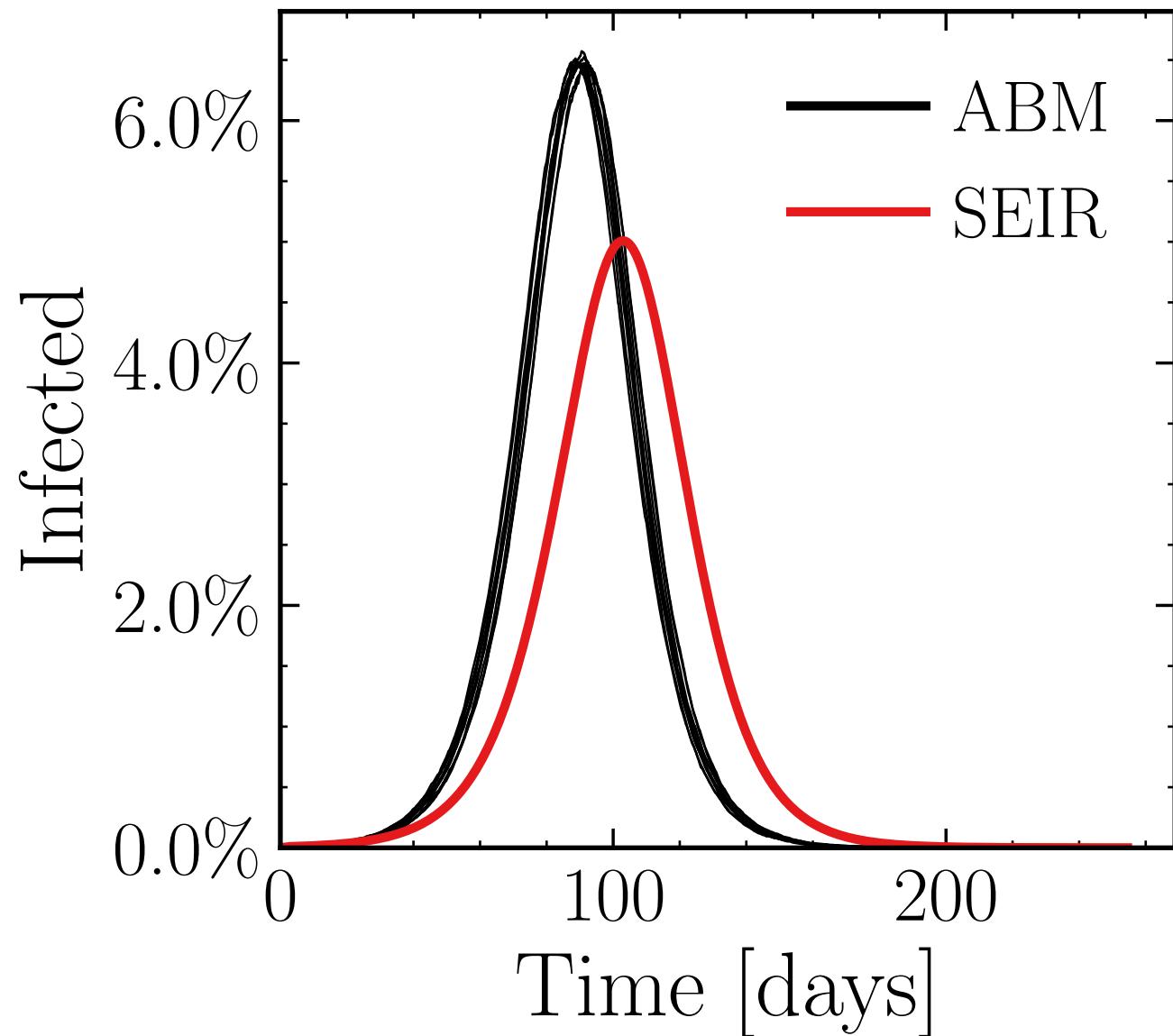
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 57e4d627e4, #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, $N_{\text{init}} = 100$

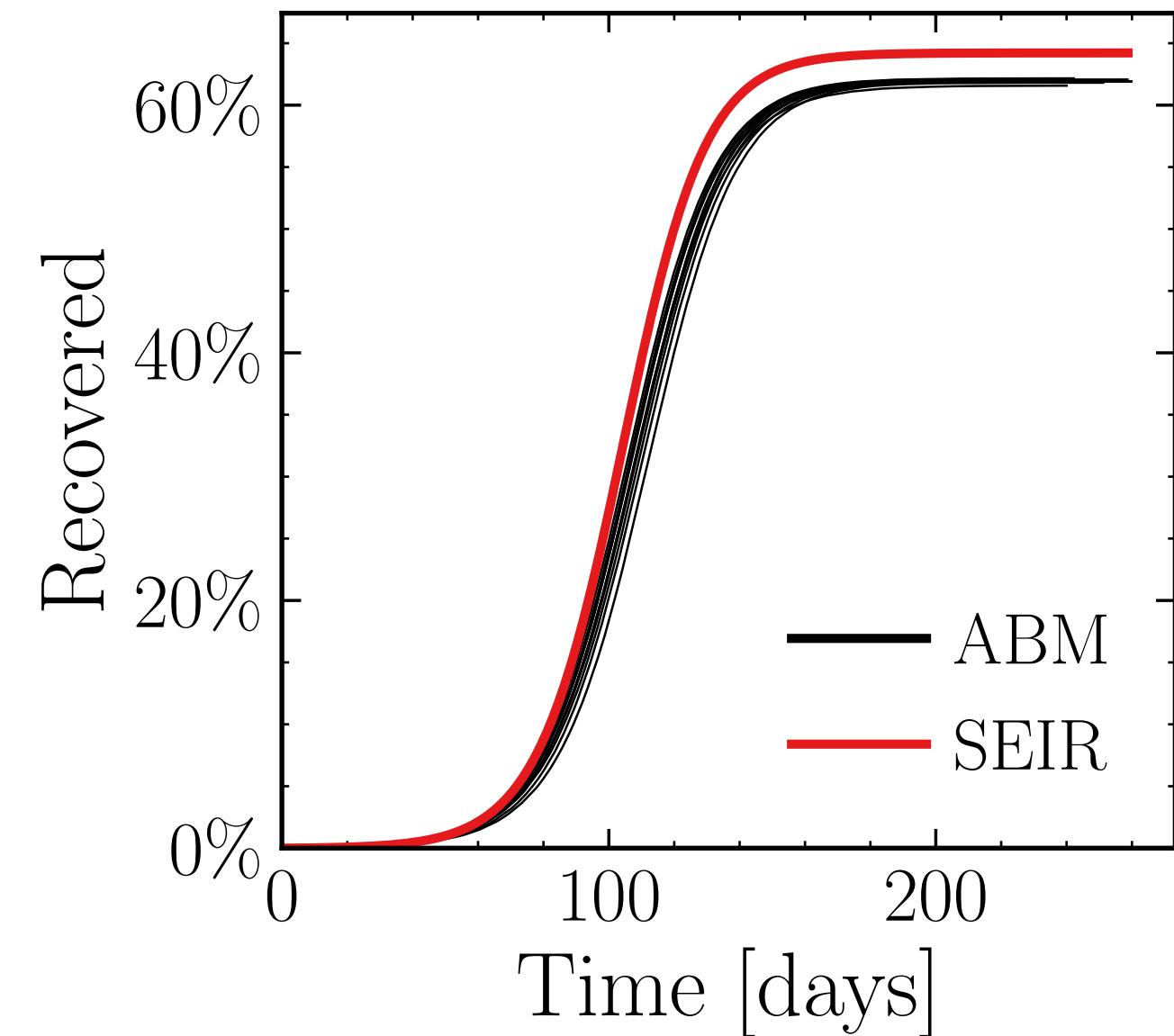
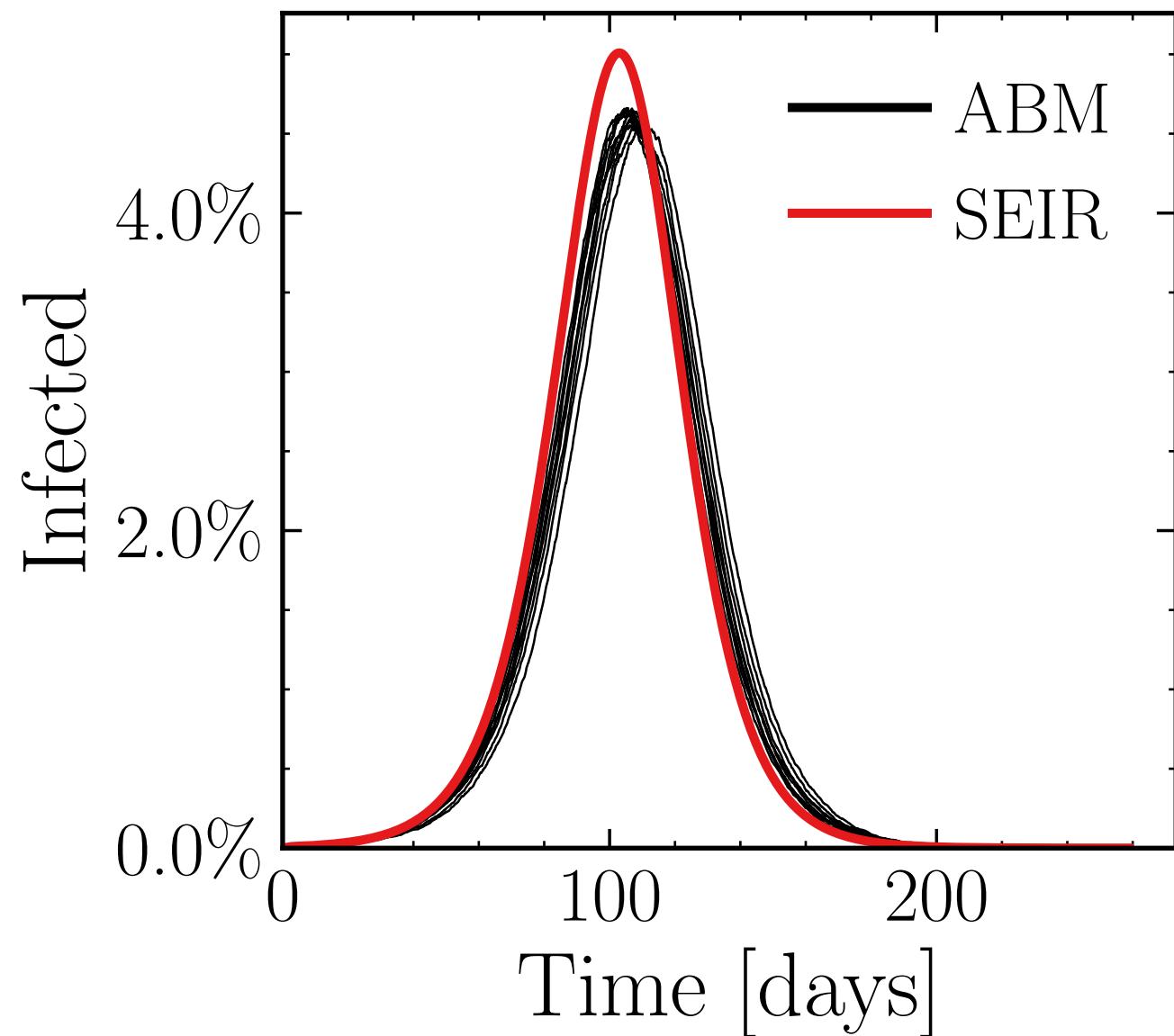
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 47974fe8cb, #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, $N_{\text{init}} = 100$

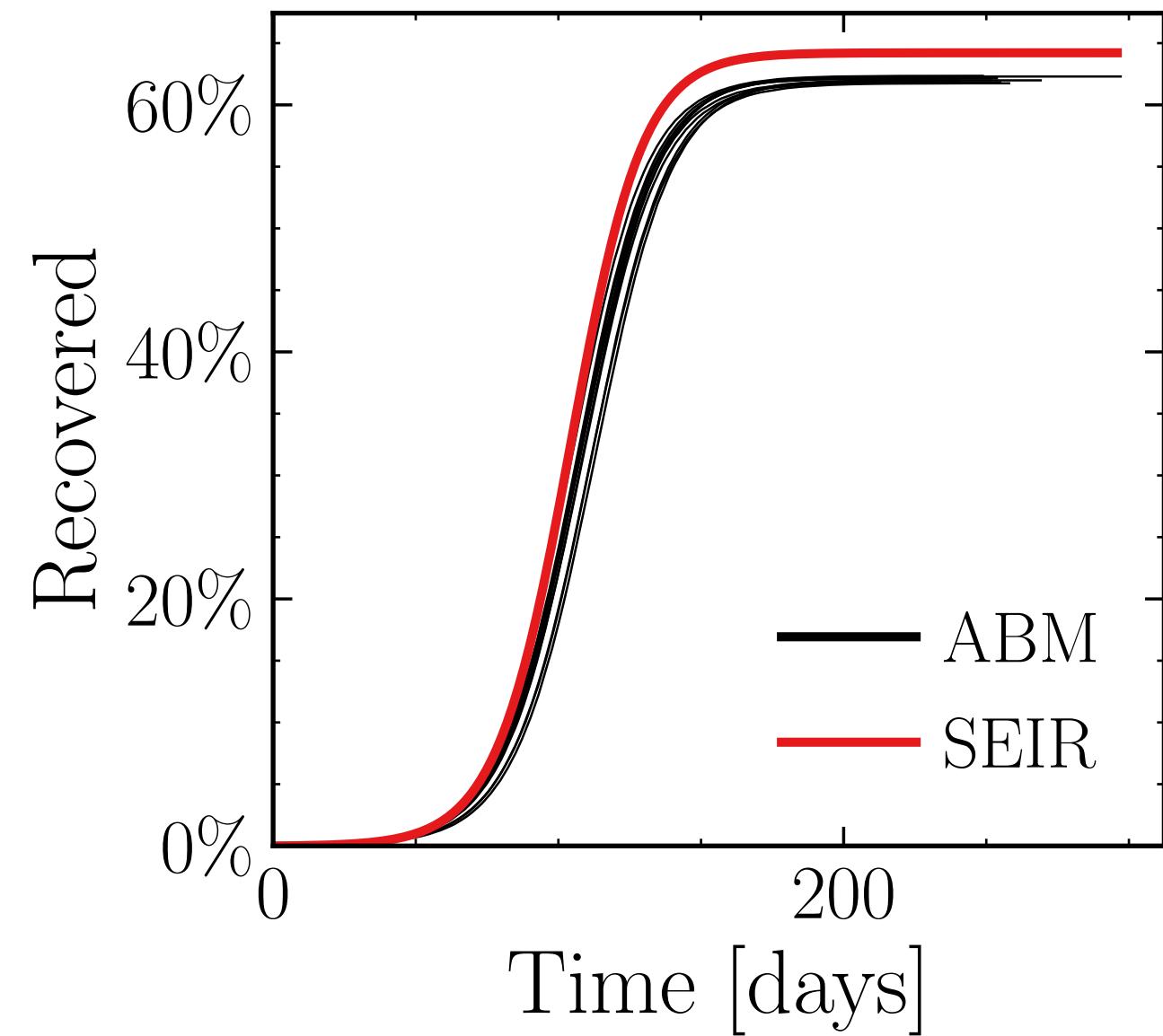
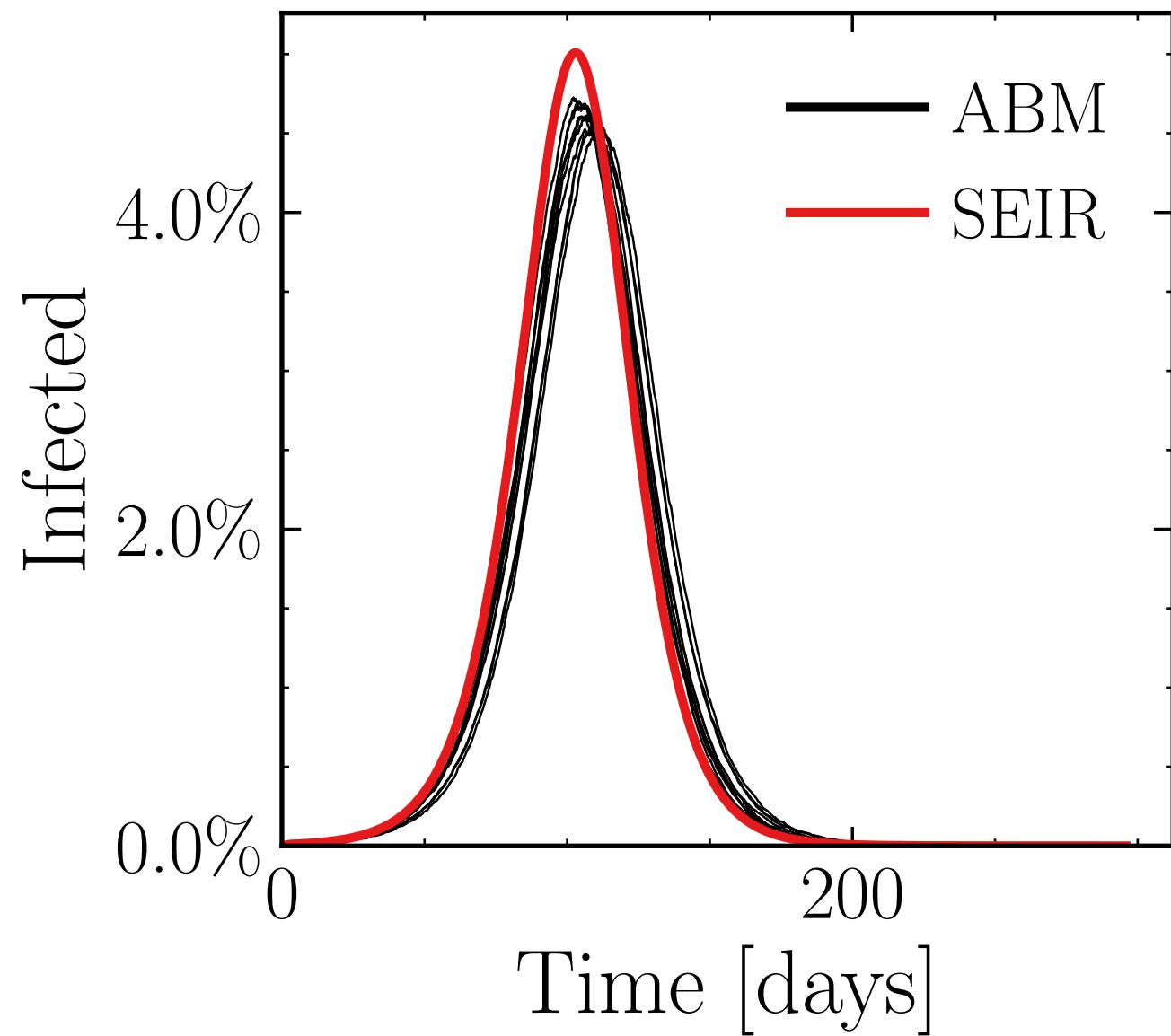
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = ad8e45fed3, #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, $N_{\text{init}} = 100$

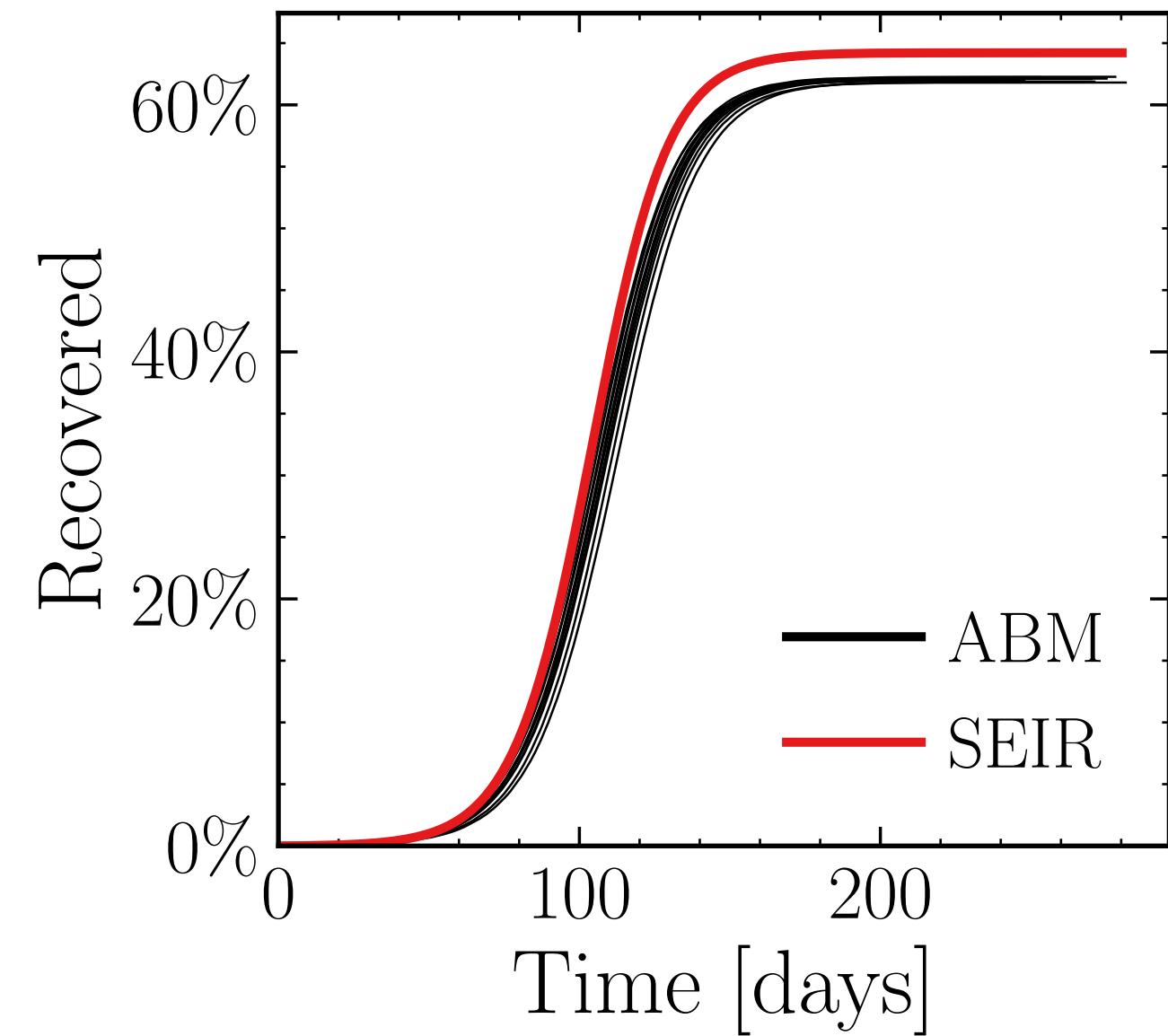
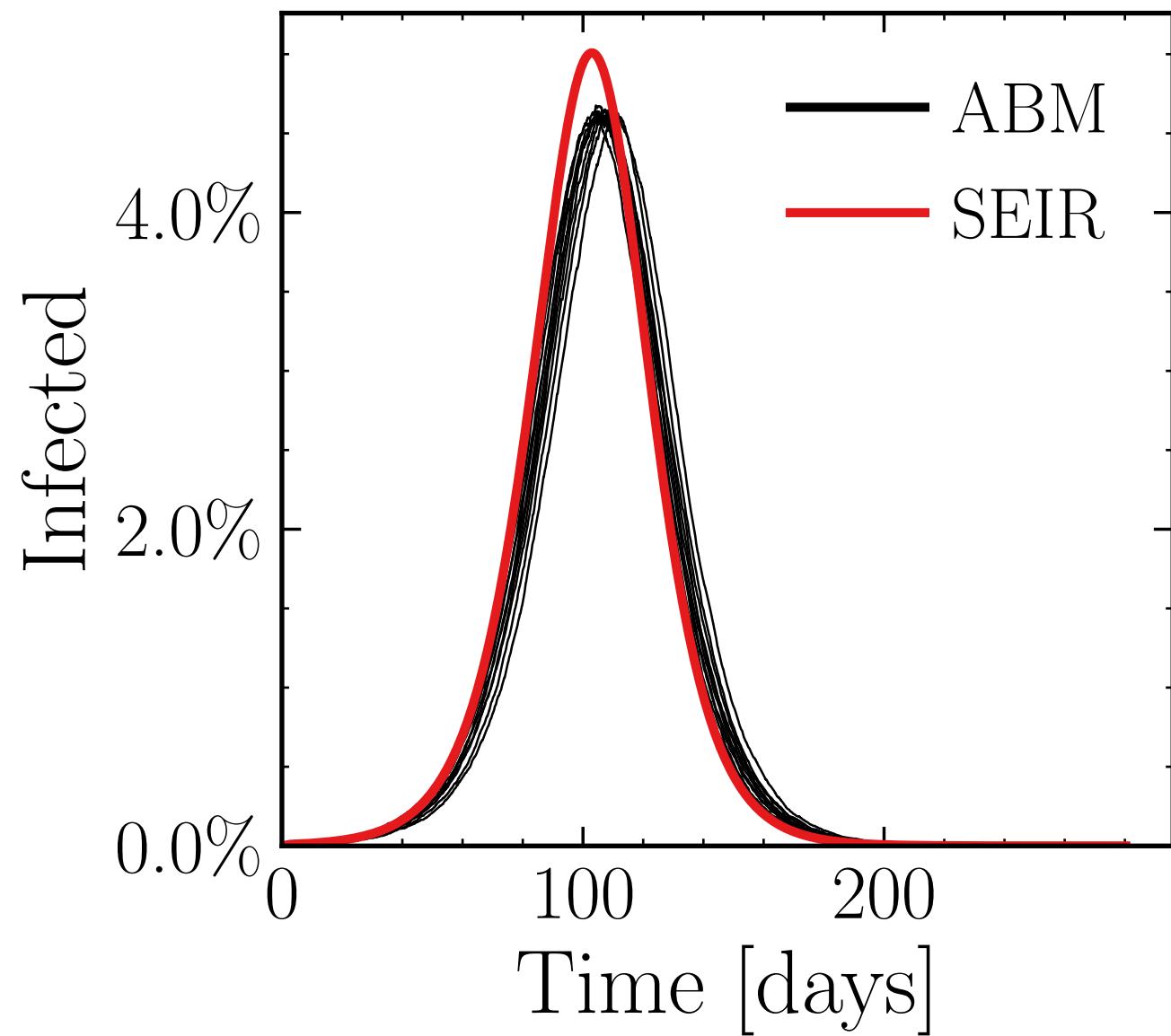
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 91b3e6fe21, #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, $N_{\text{init}} = 100$

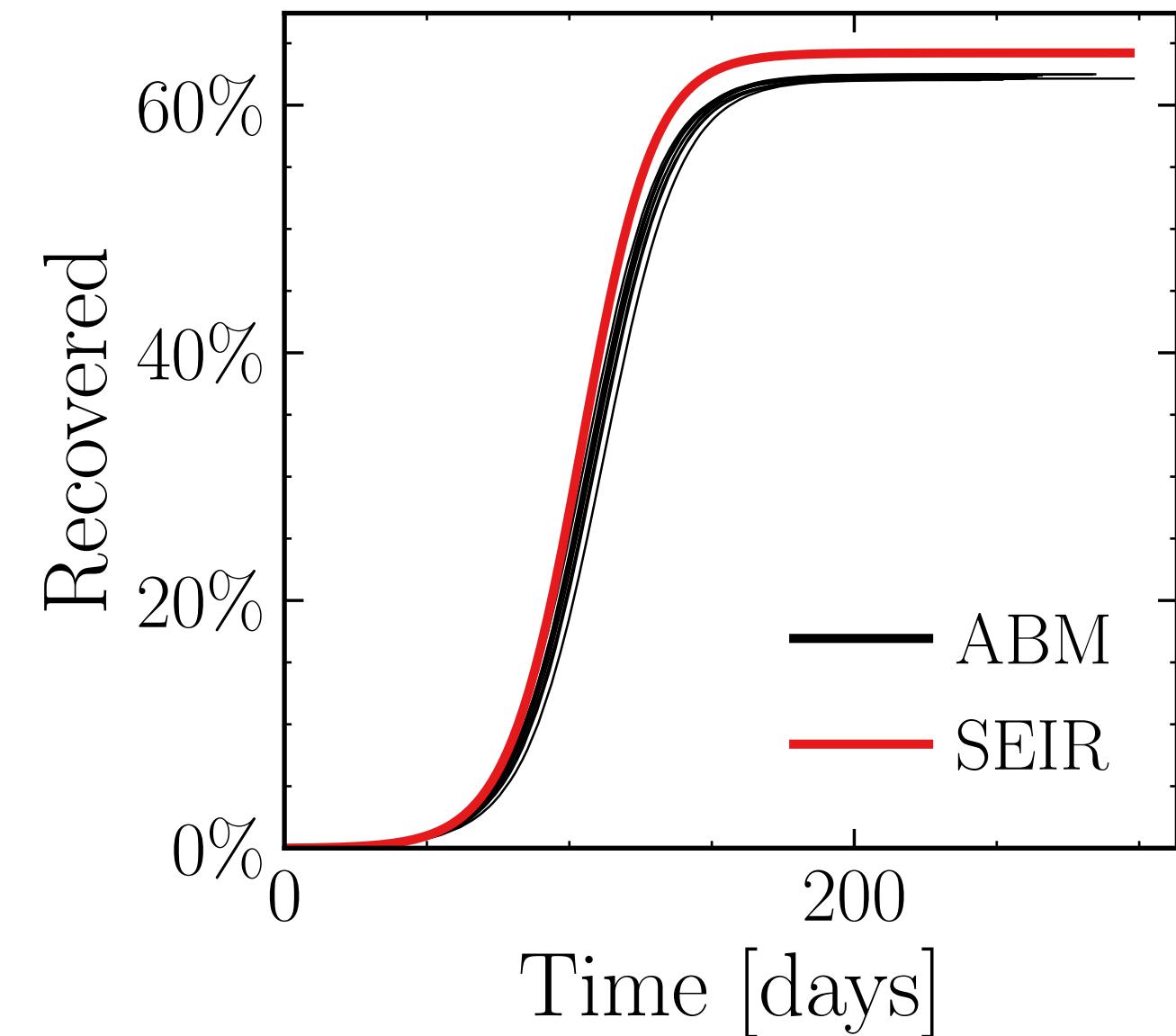
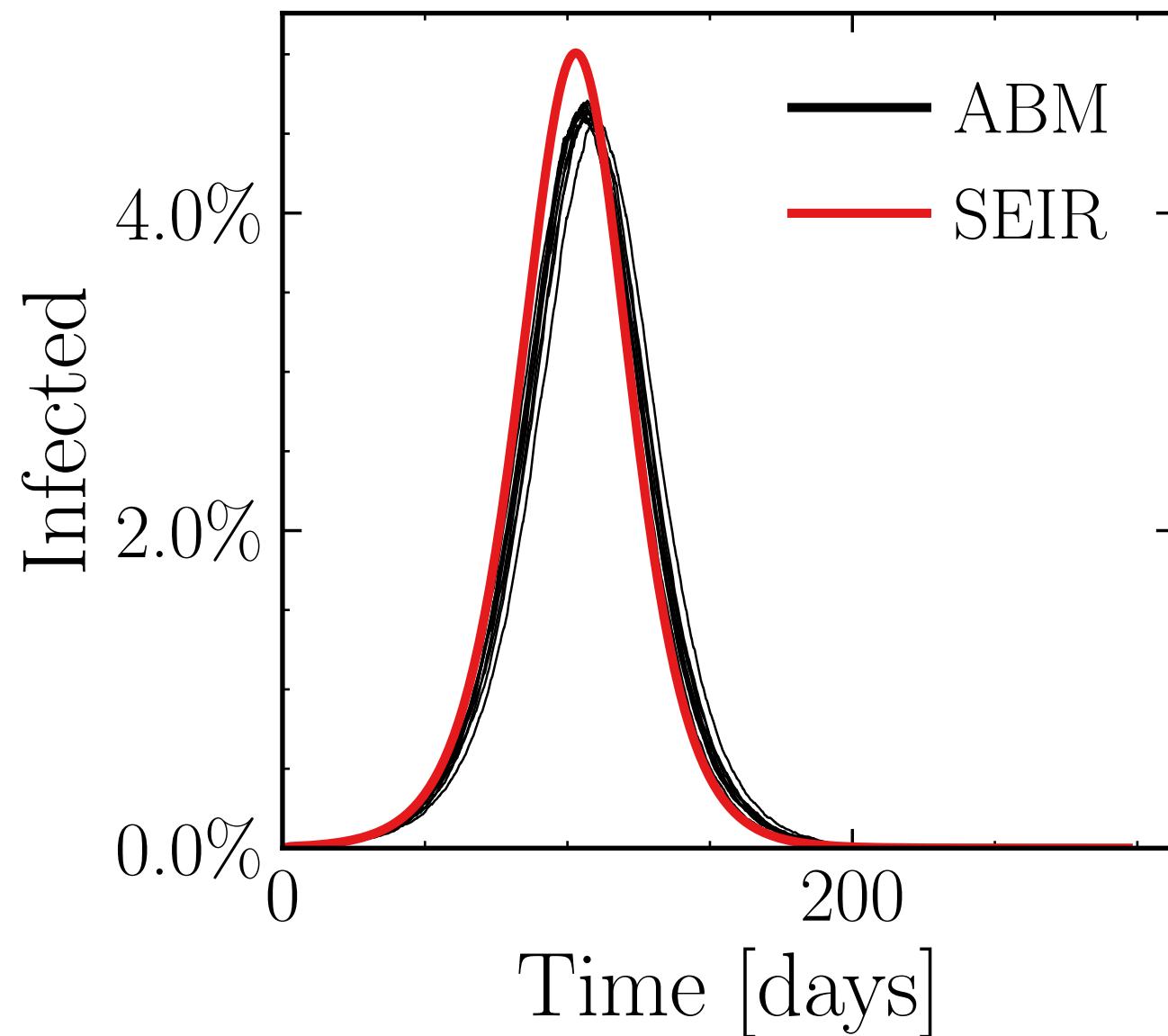
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 161df8af30, #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, $N_{\text{init}} = 100$

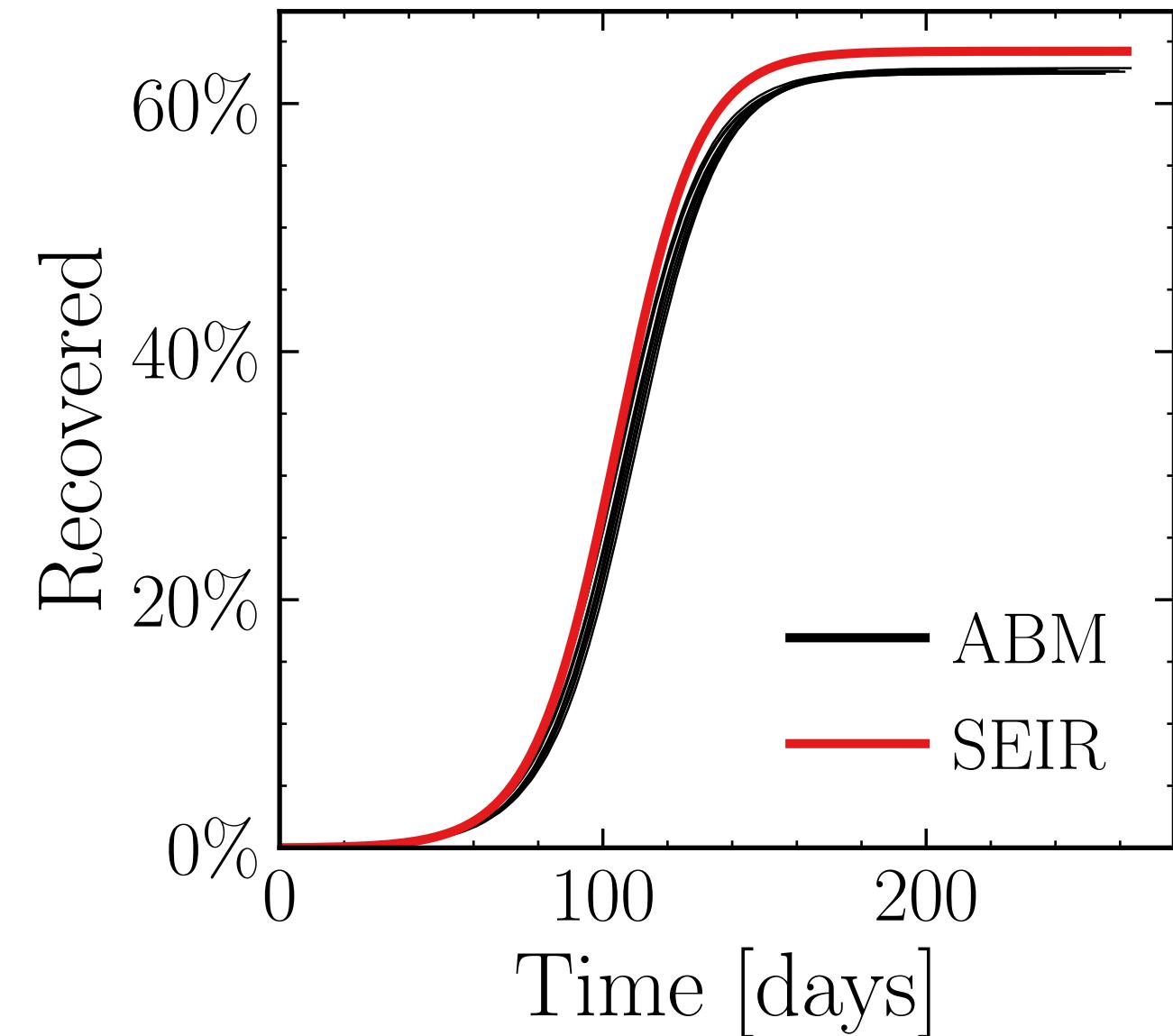
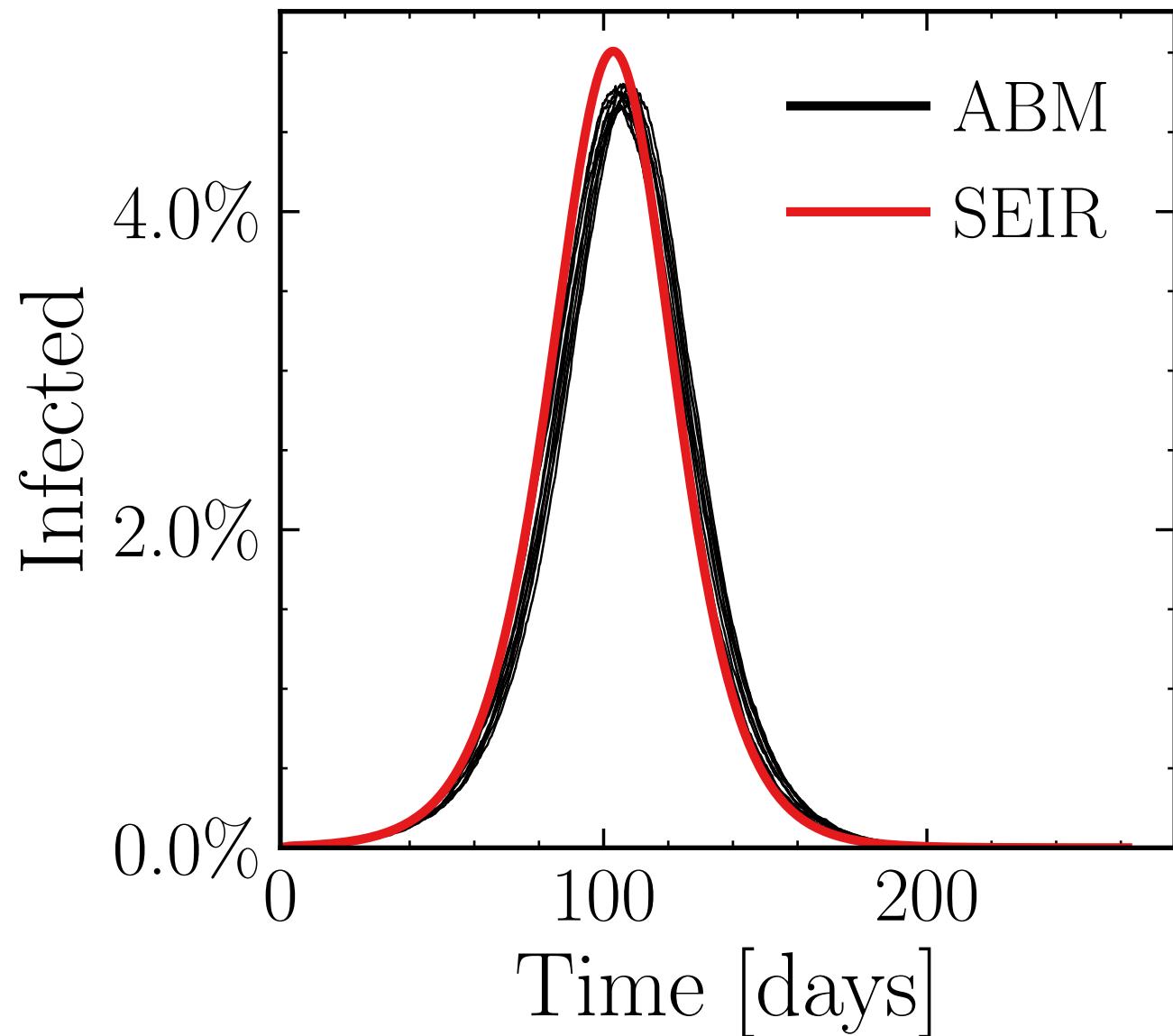
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 38e5c6ffa3, #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, $N_{\text{init}} = 100$

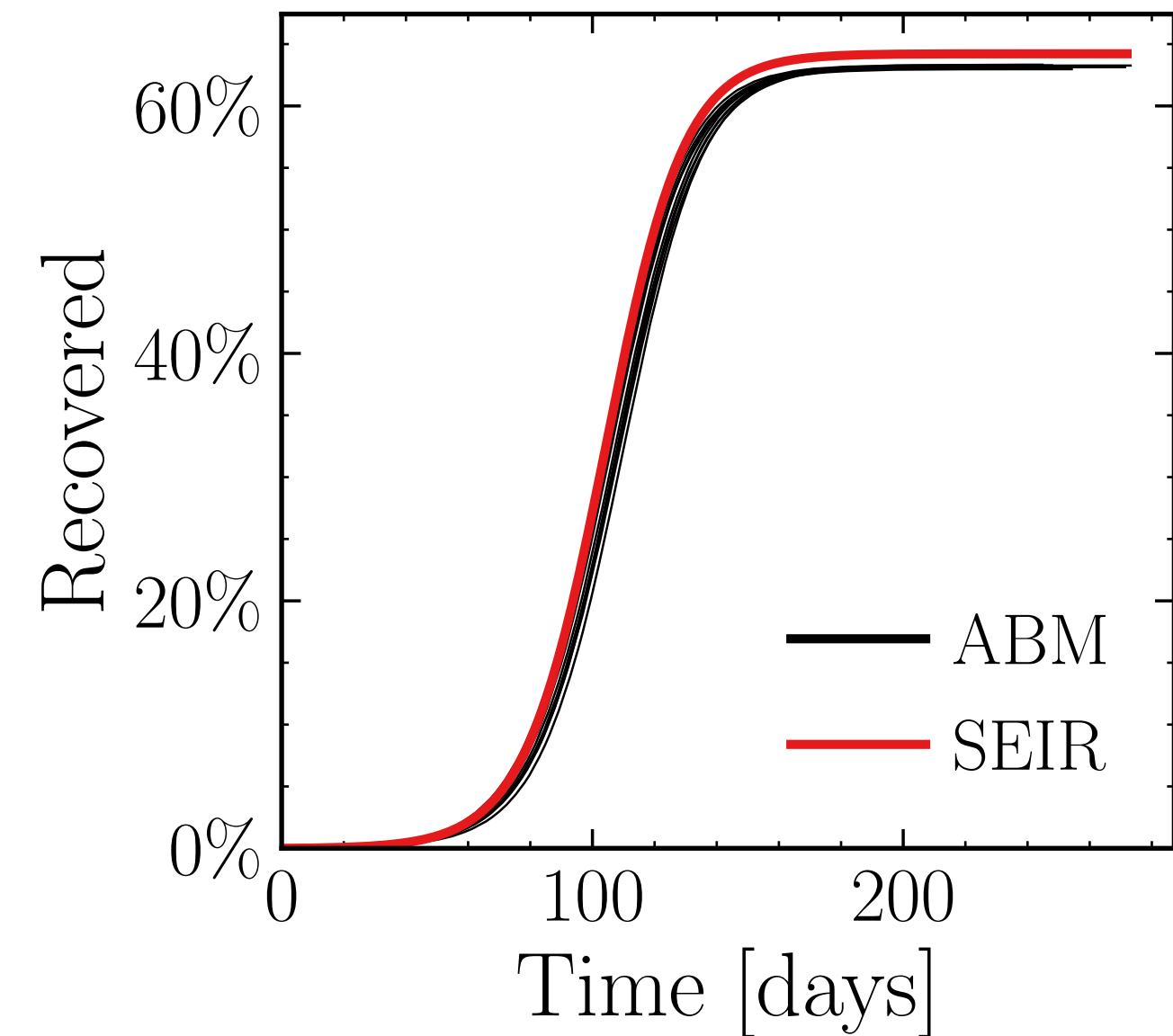
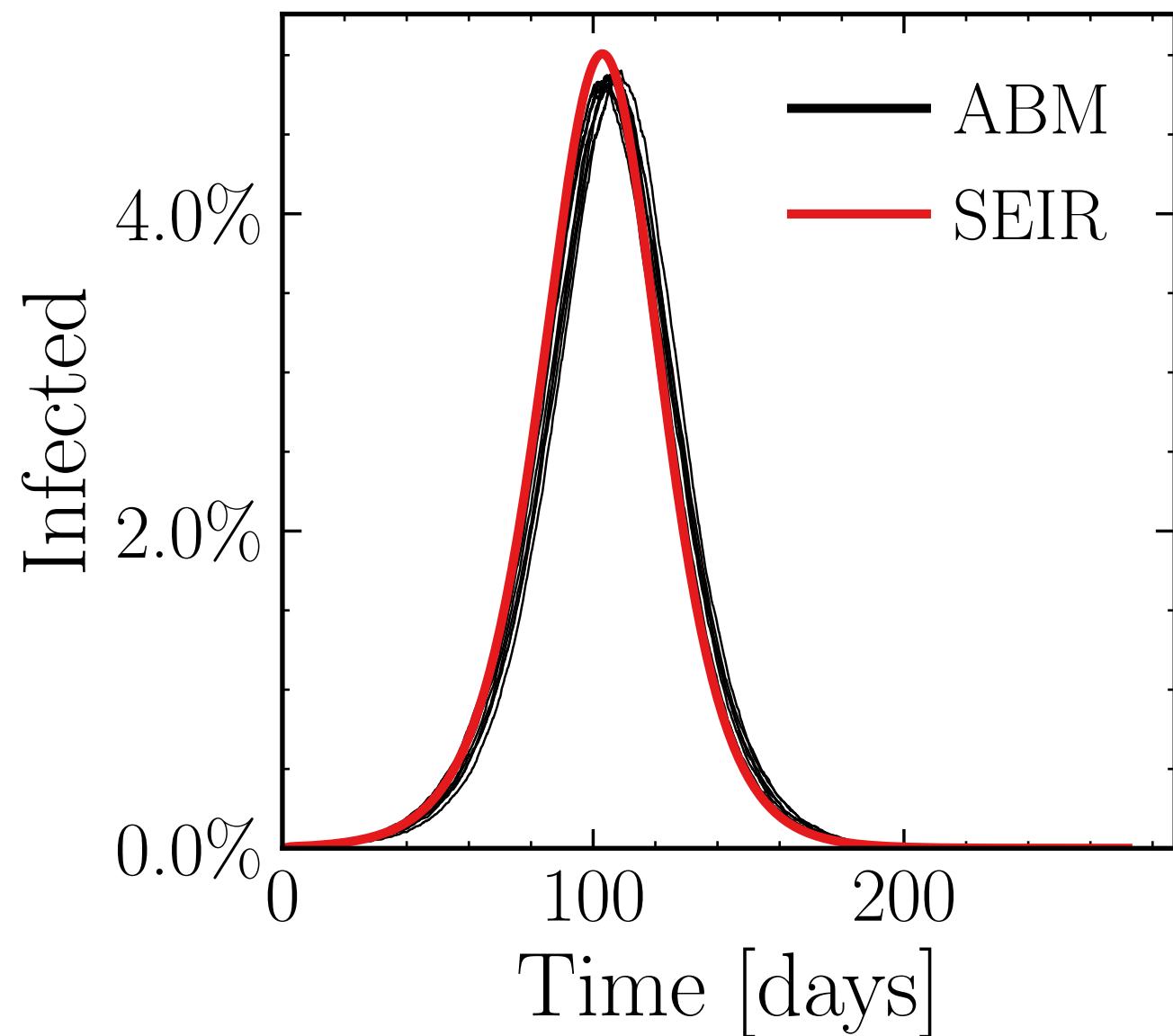
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = d117843174, #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, $N_{\text{init}} = 100$

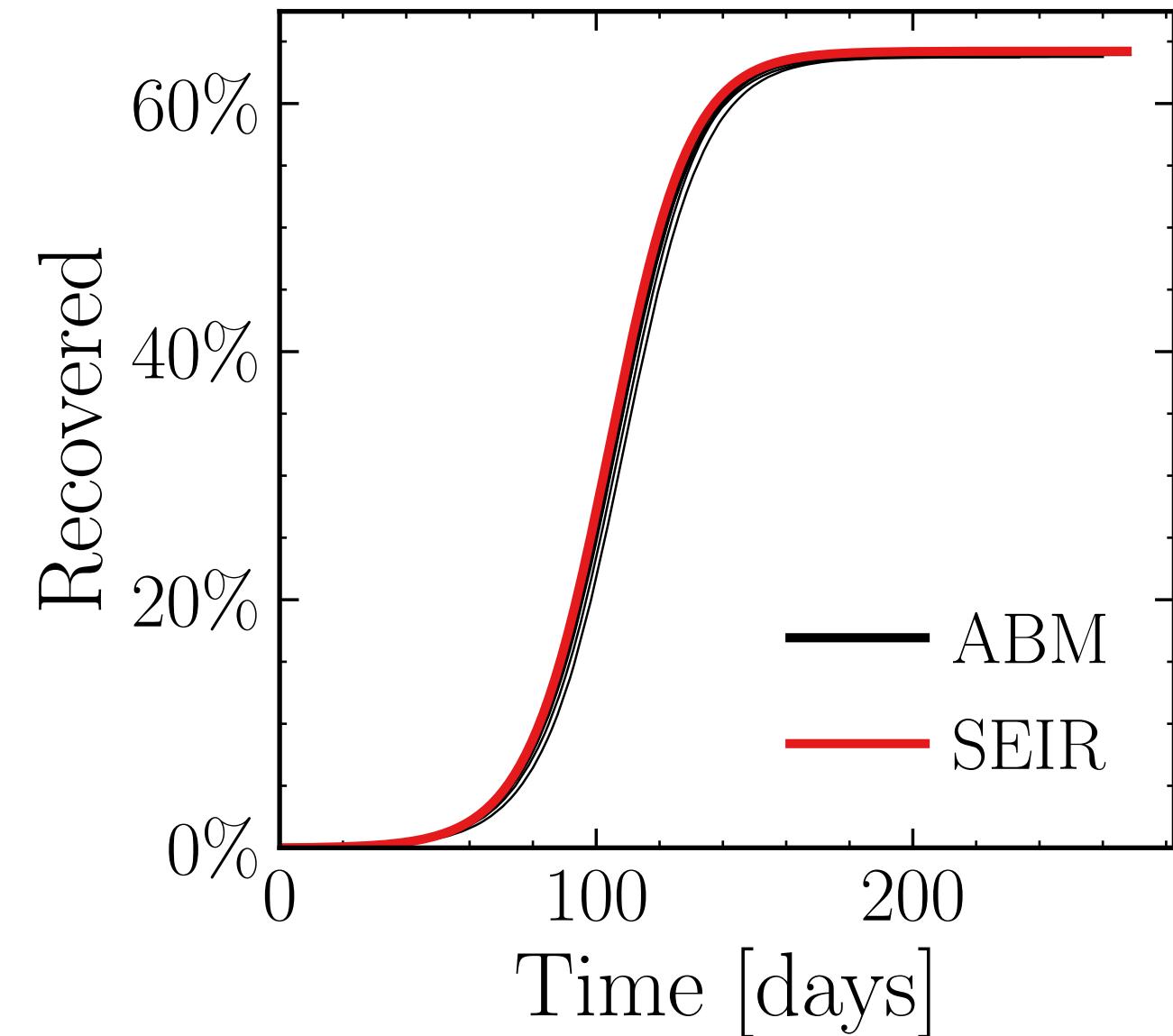
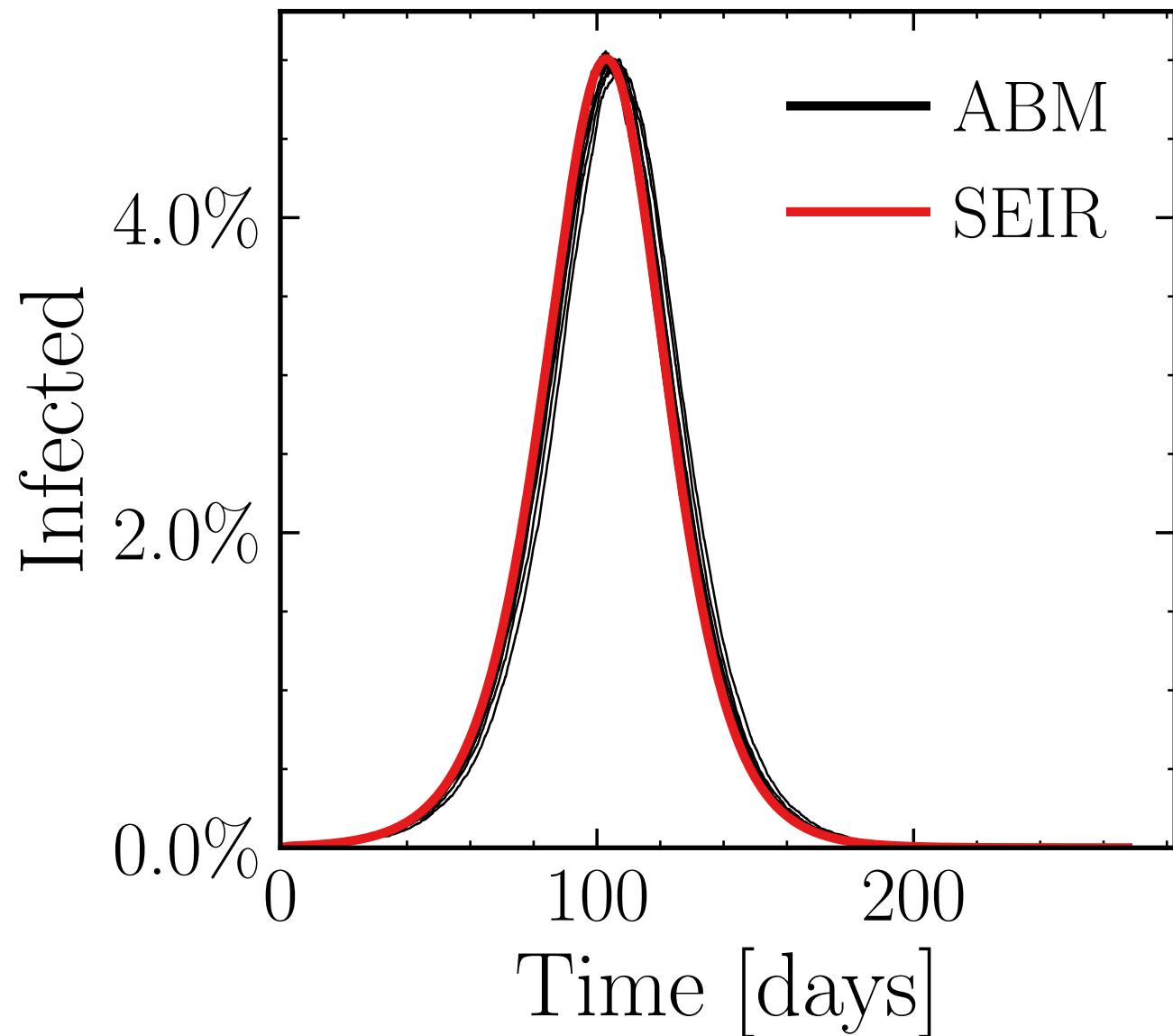
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 74f09cabb7, #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, $N_{\text{init}} = 100$

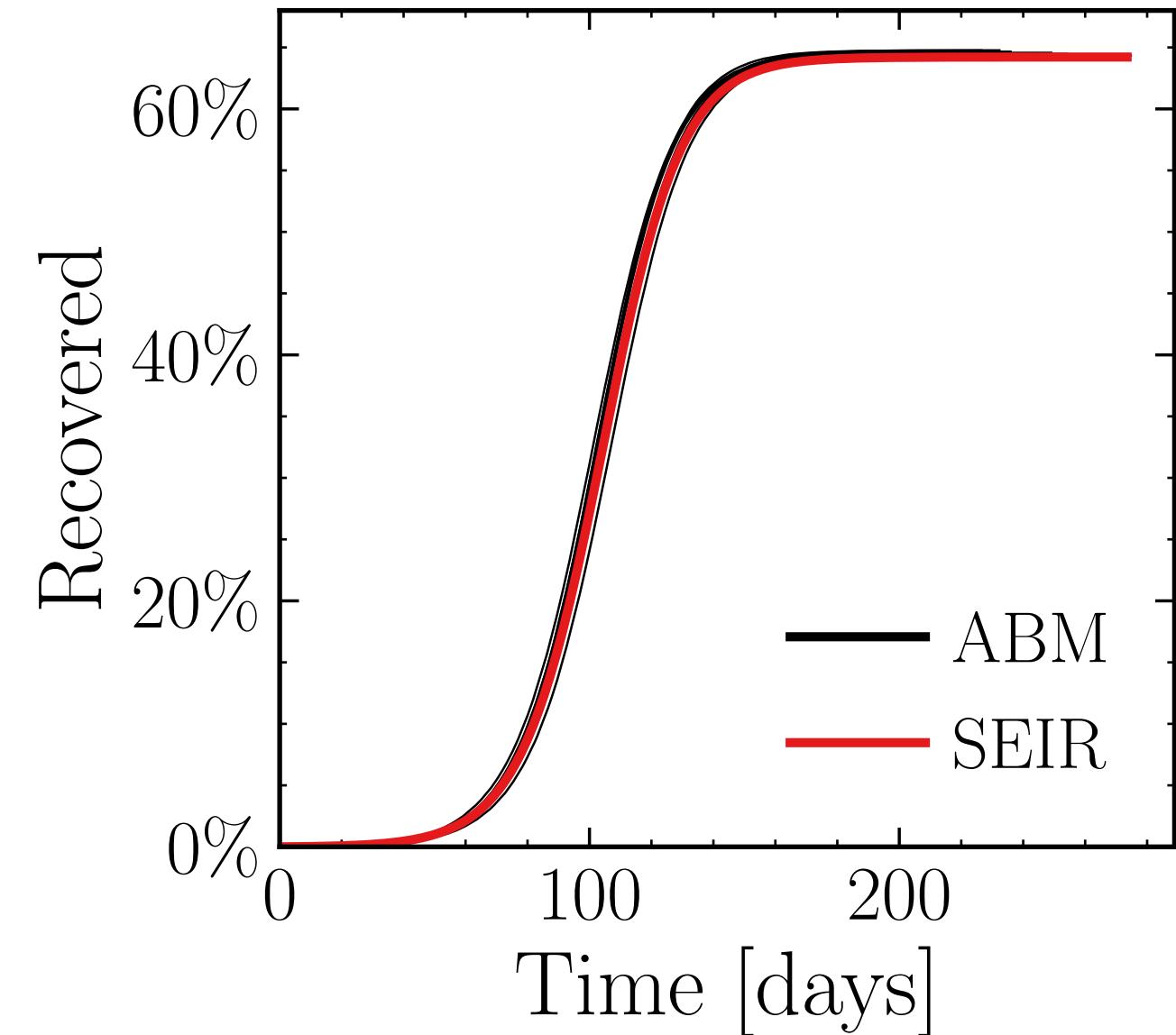
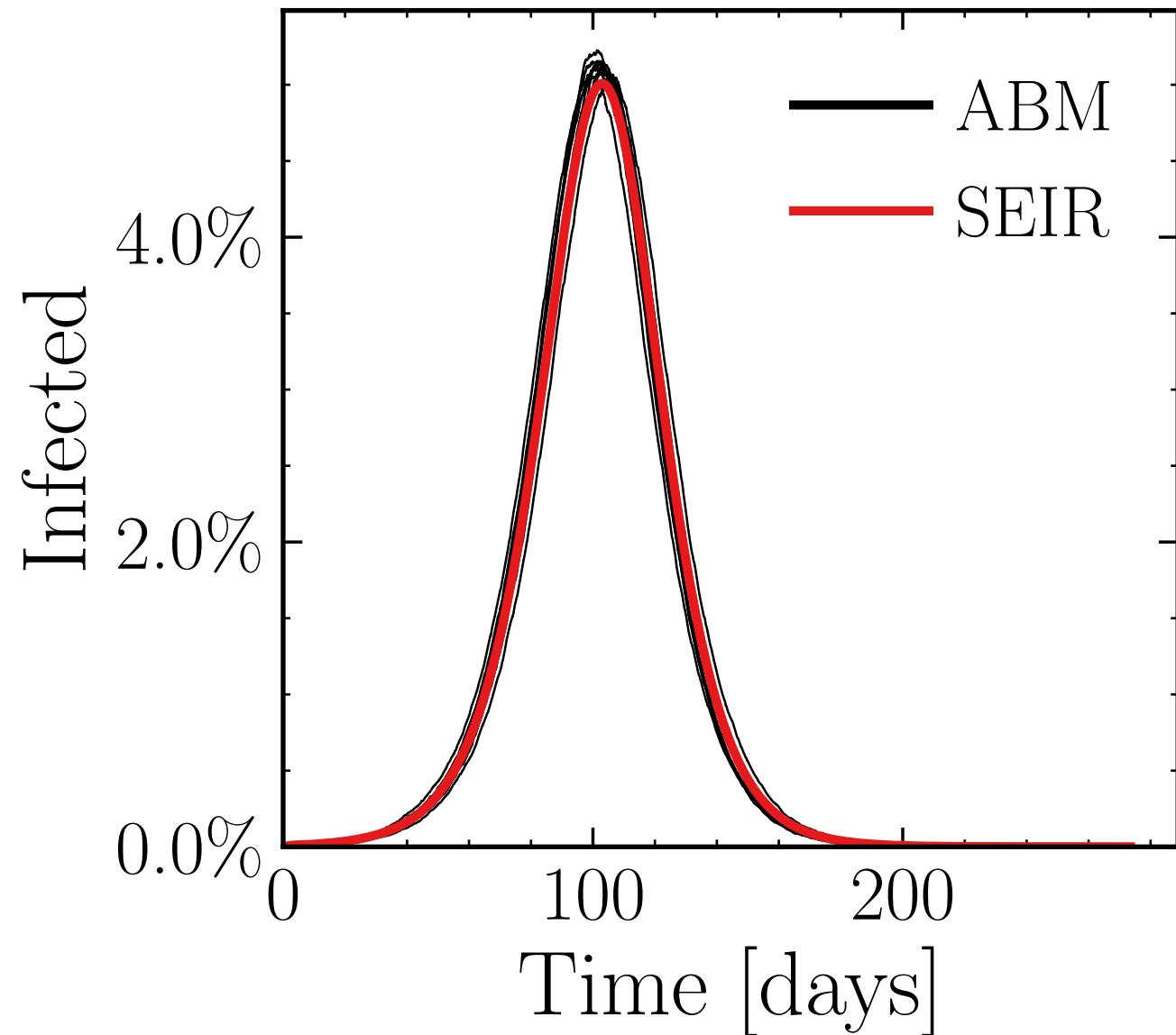
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = ab5bbea1cd, #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, $N_{\text{init}} = 100$

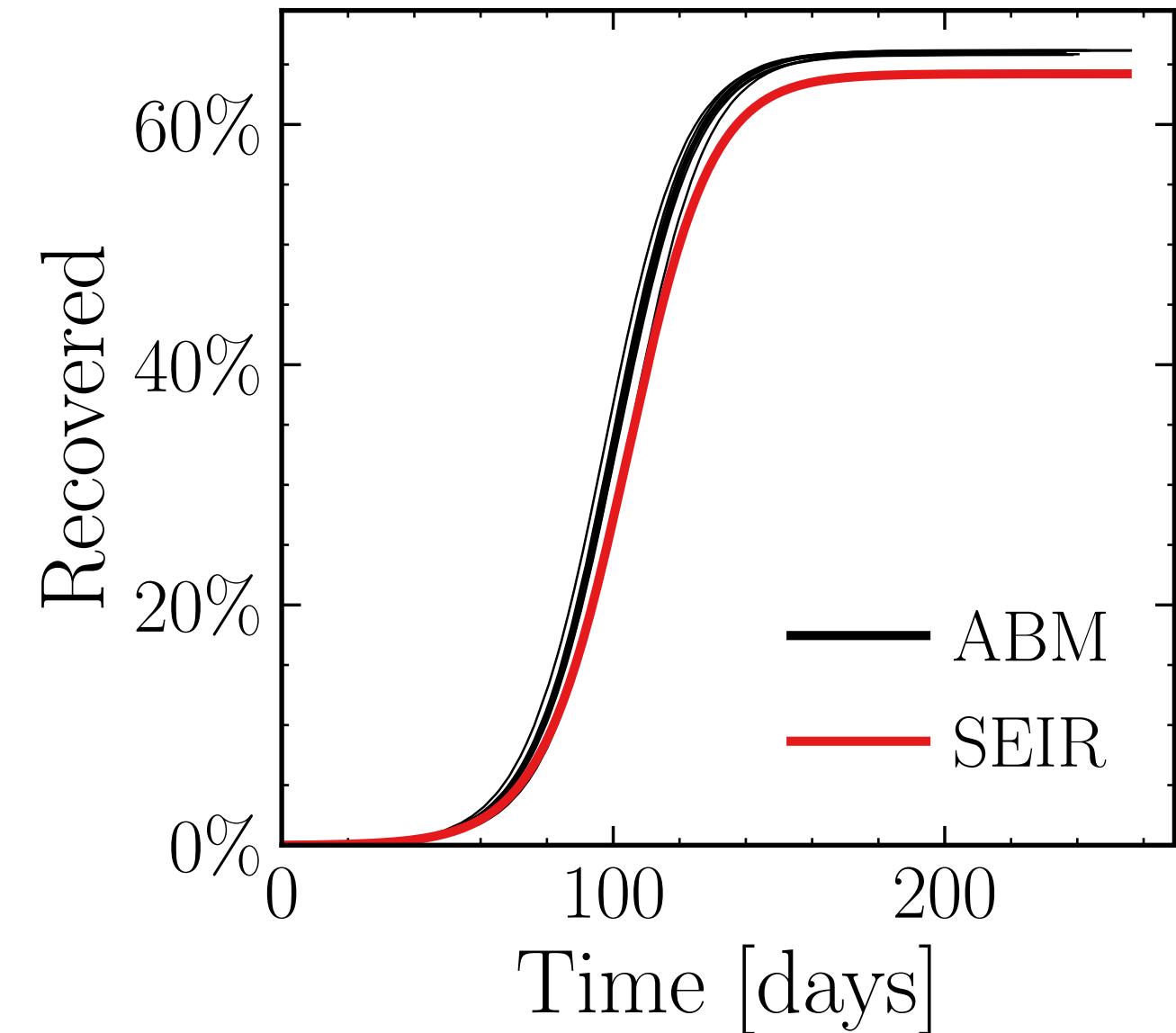
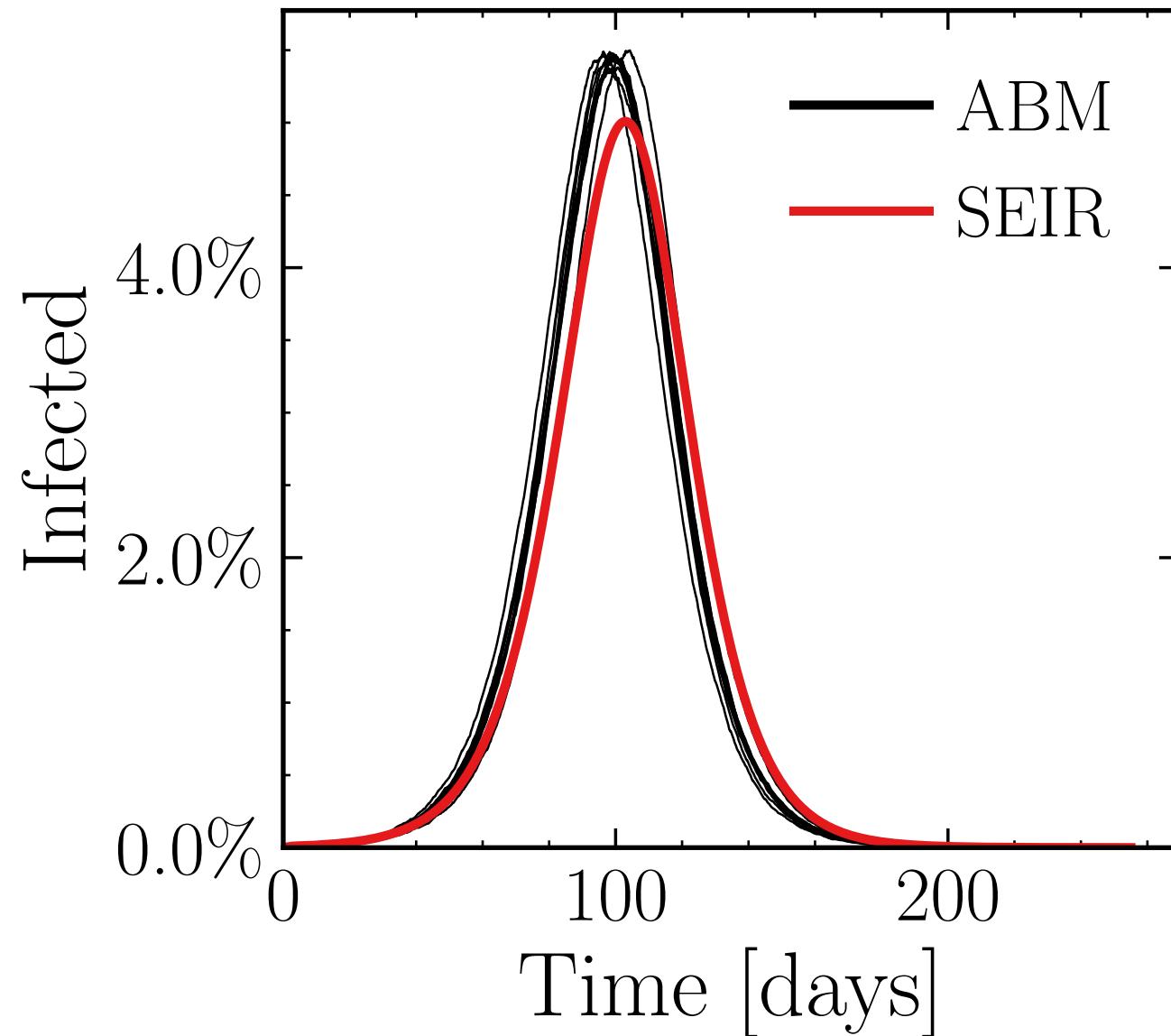
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f283c0c4d4, #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, $N_{\text{init}} = 100$

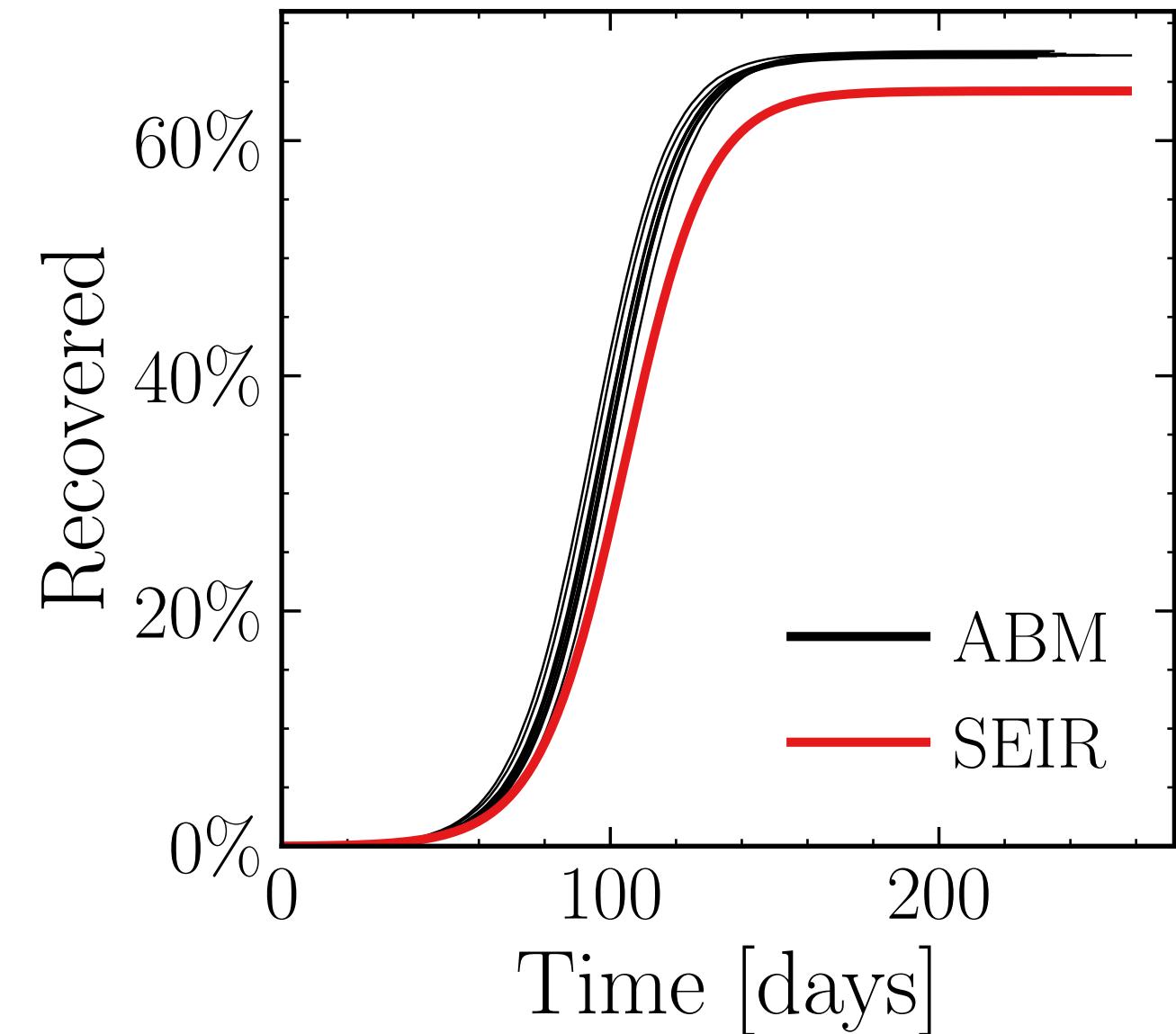
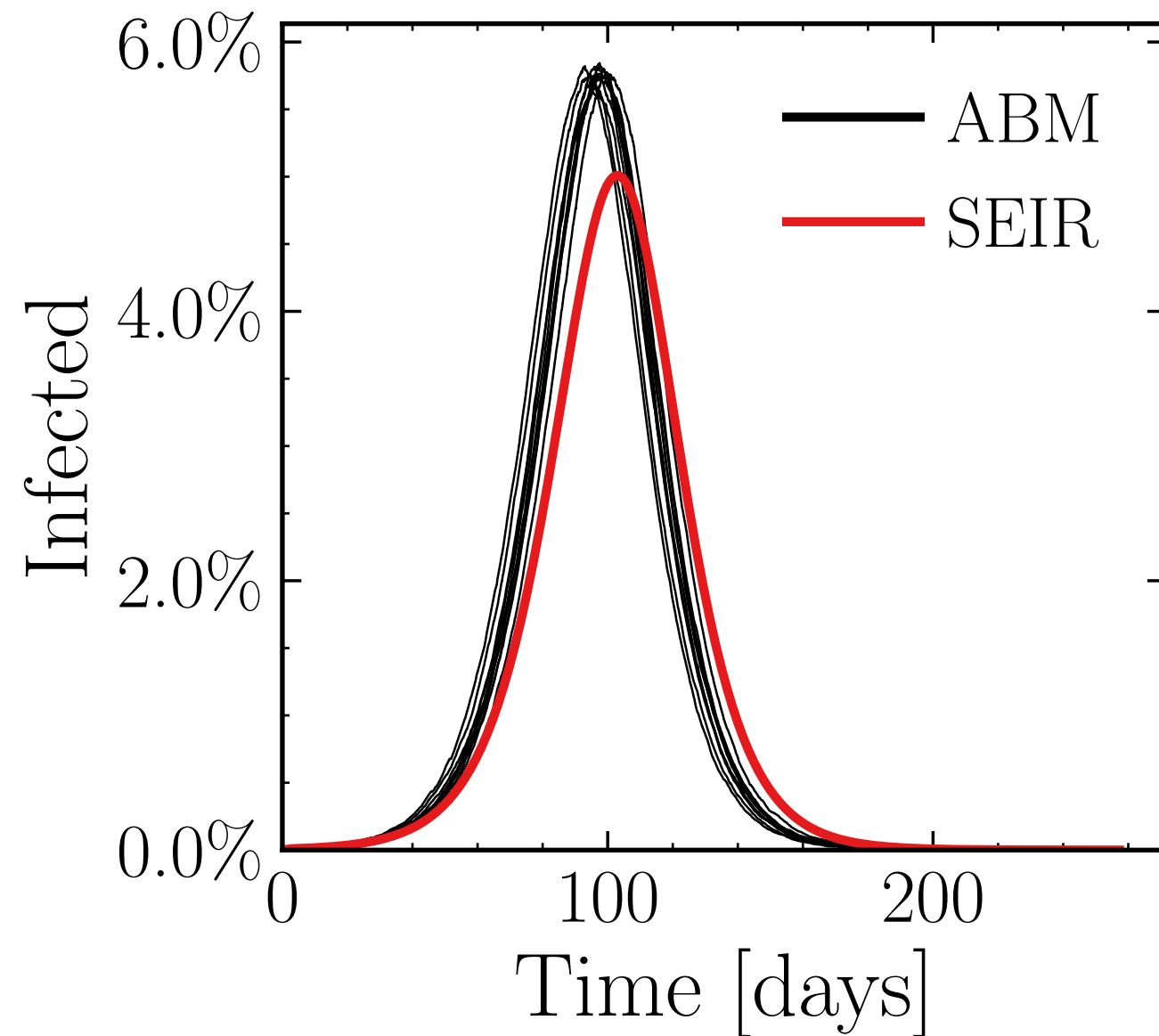
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 562131b310, #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, $N_{\text{init}} = 100$

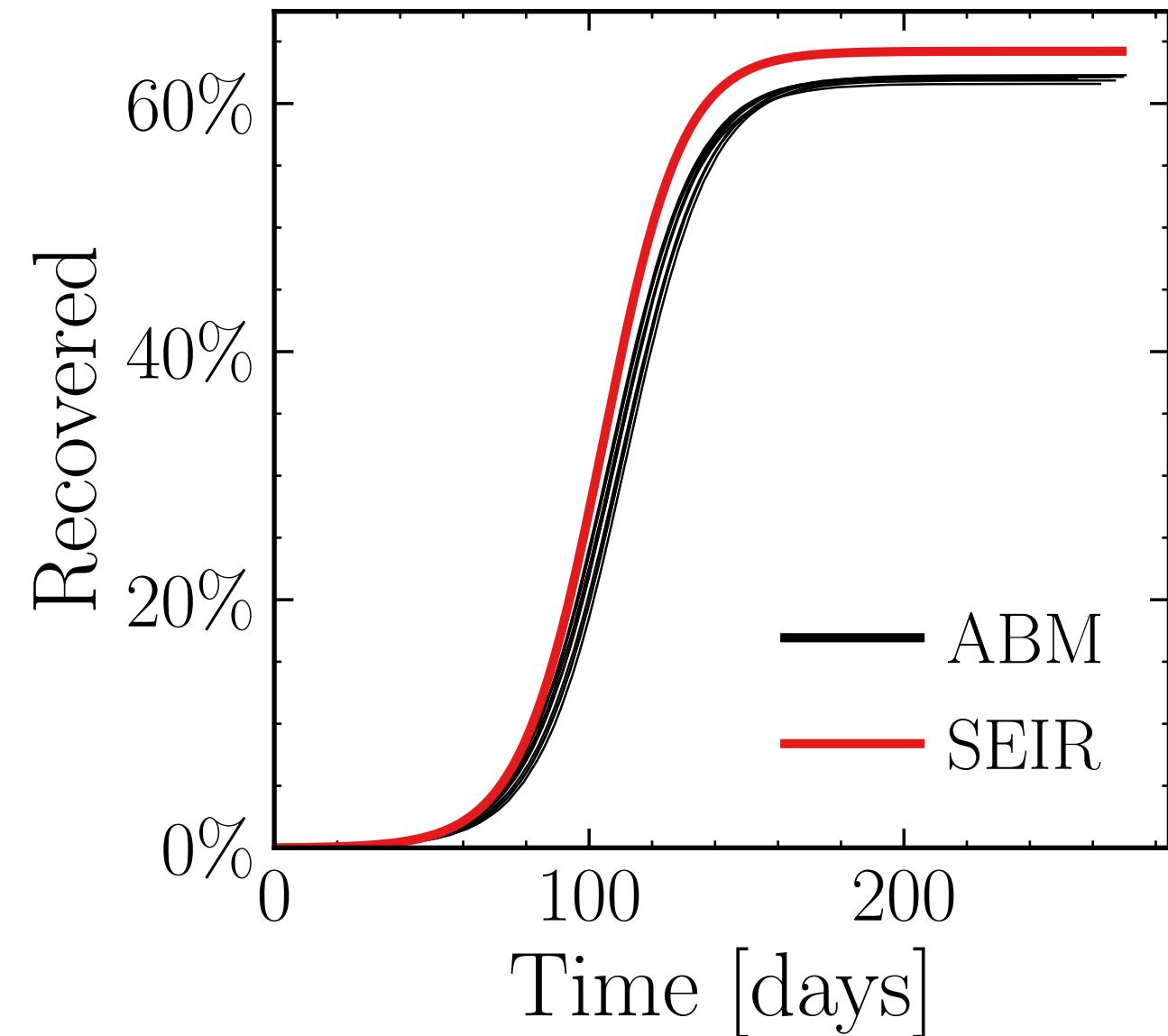
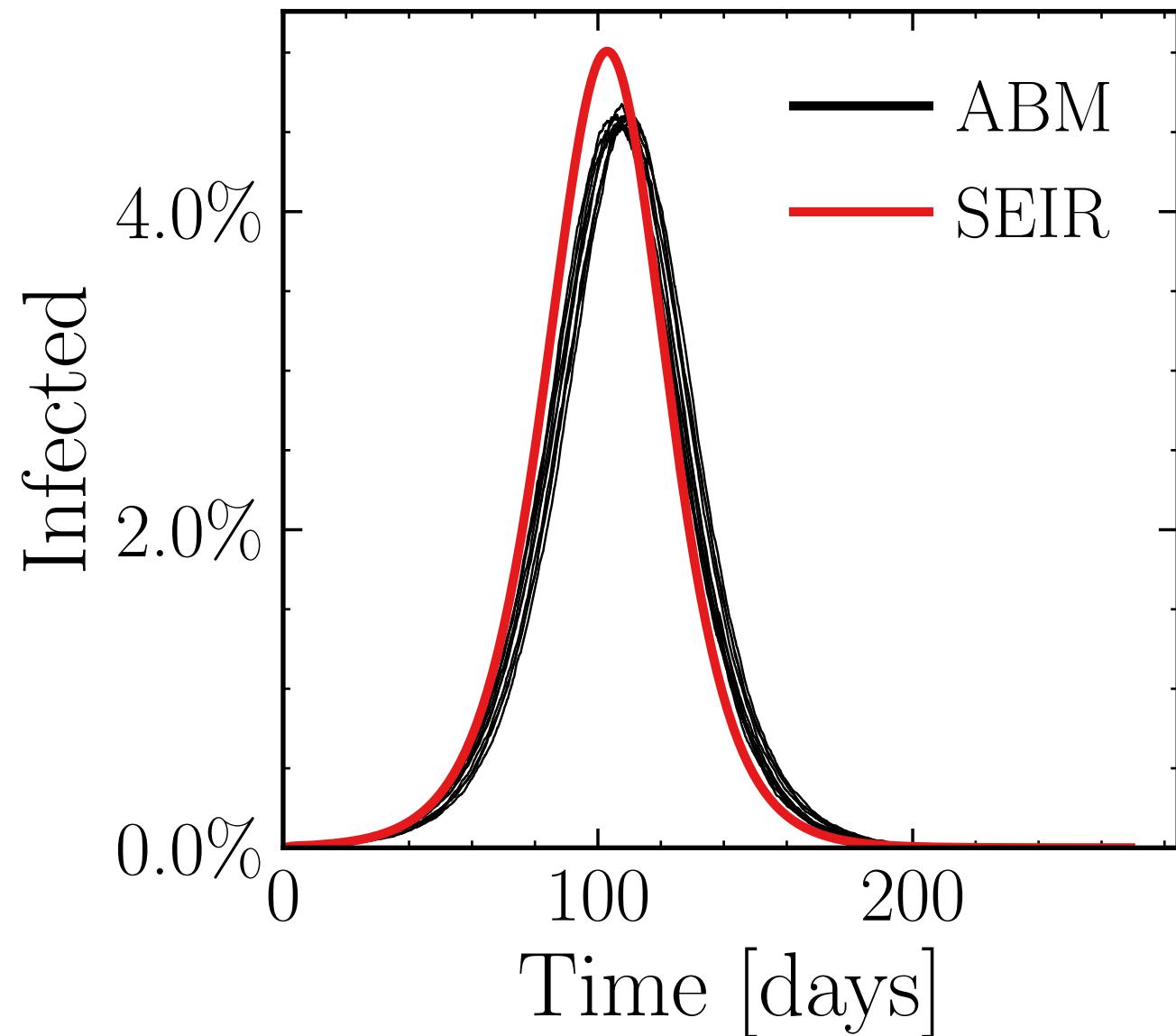
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 6322a6c957, #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, $N_{\text{init}} = 100$

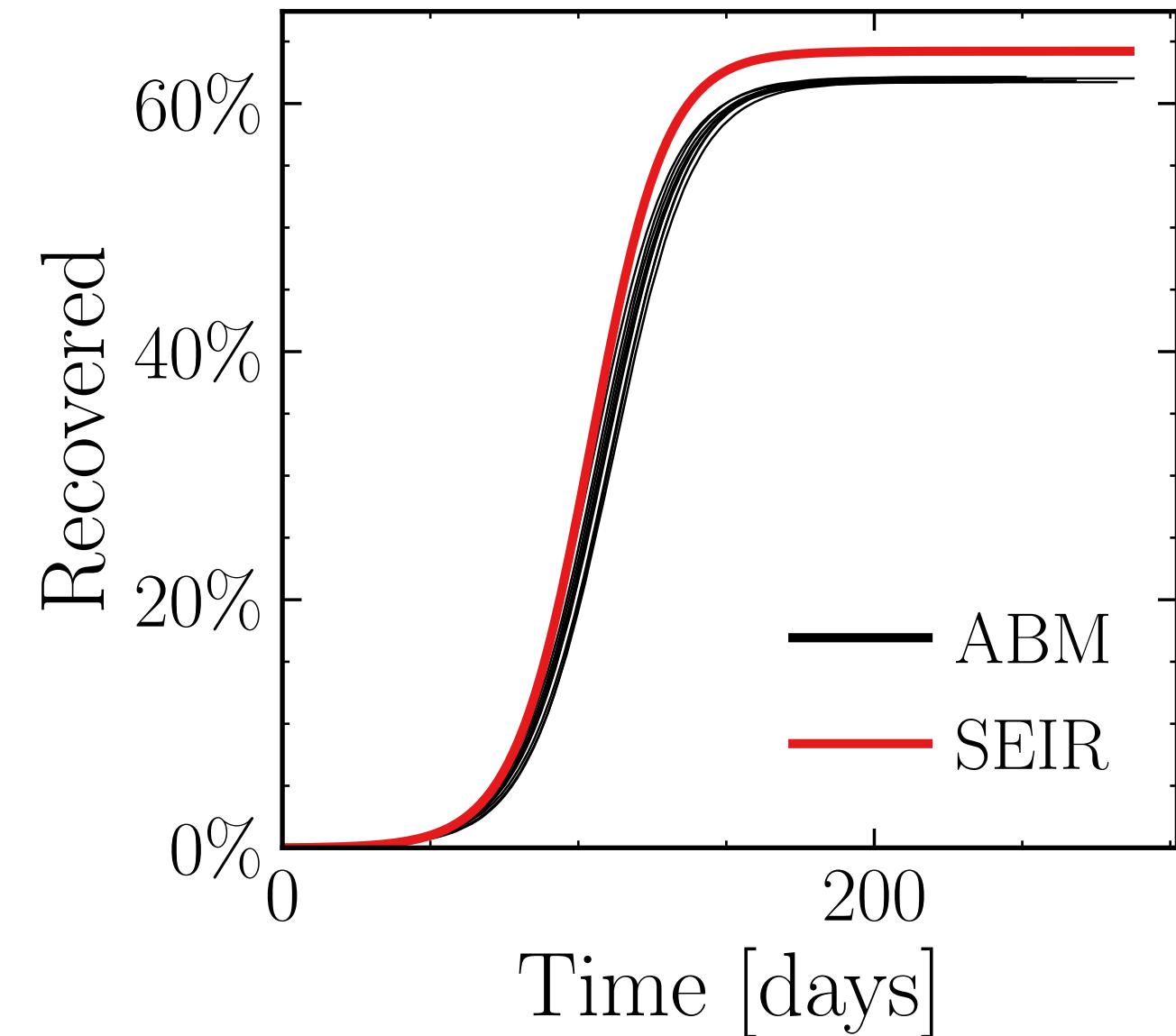
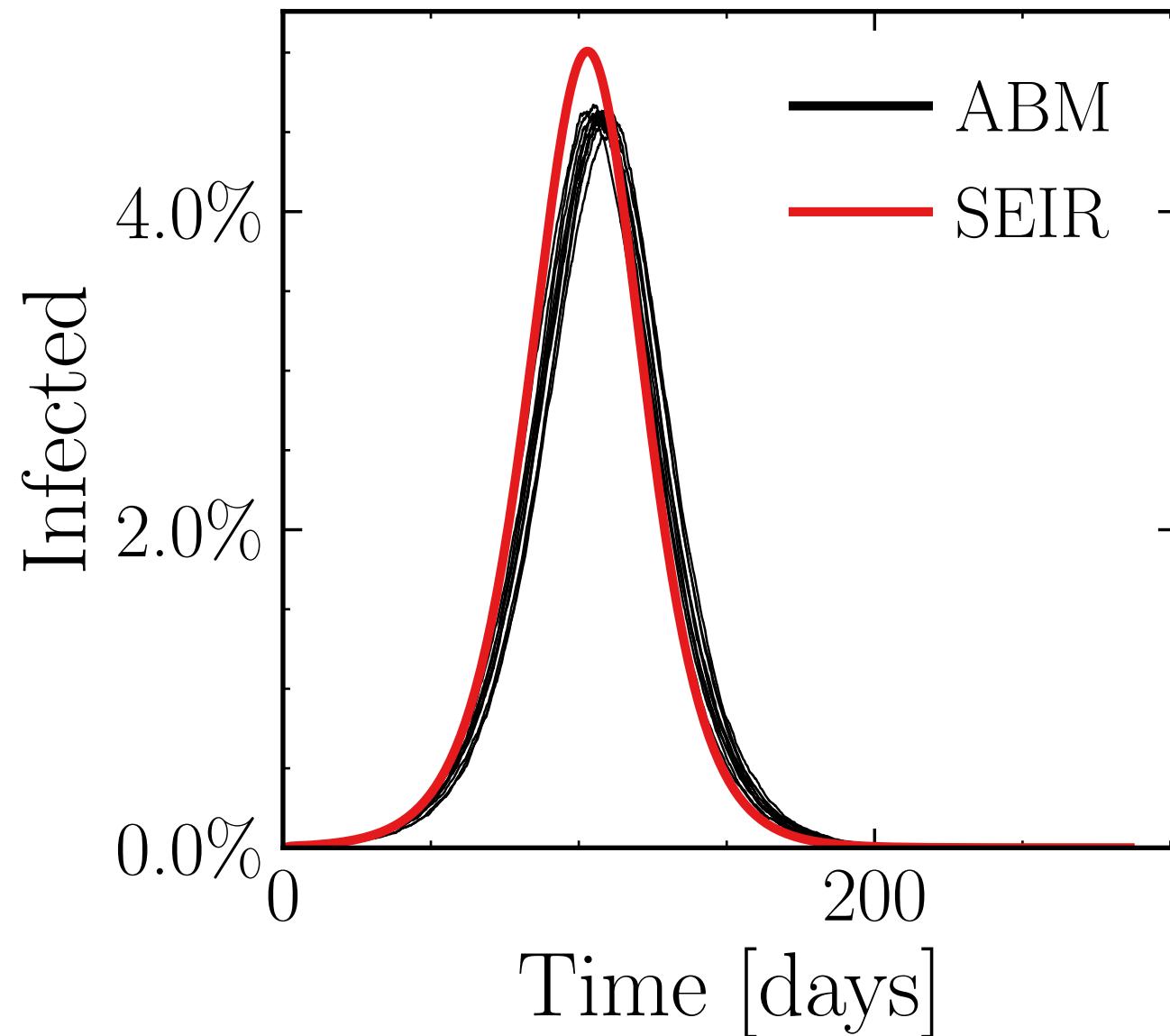
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = b7734a1a59, #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, $N_{\text{init}} = 100$

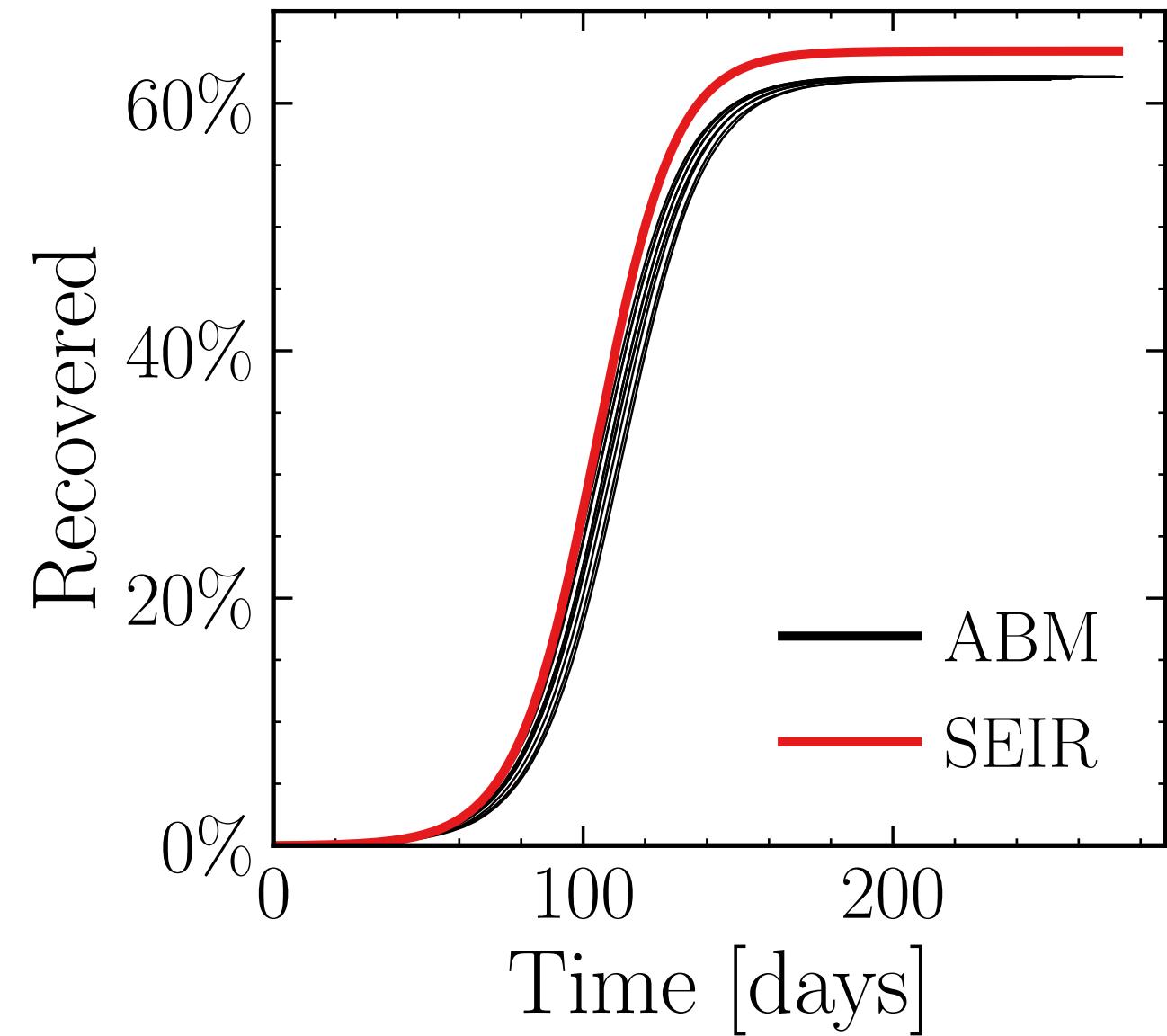
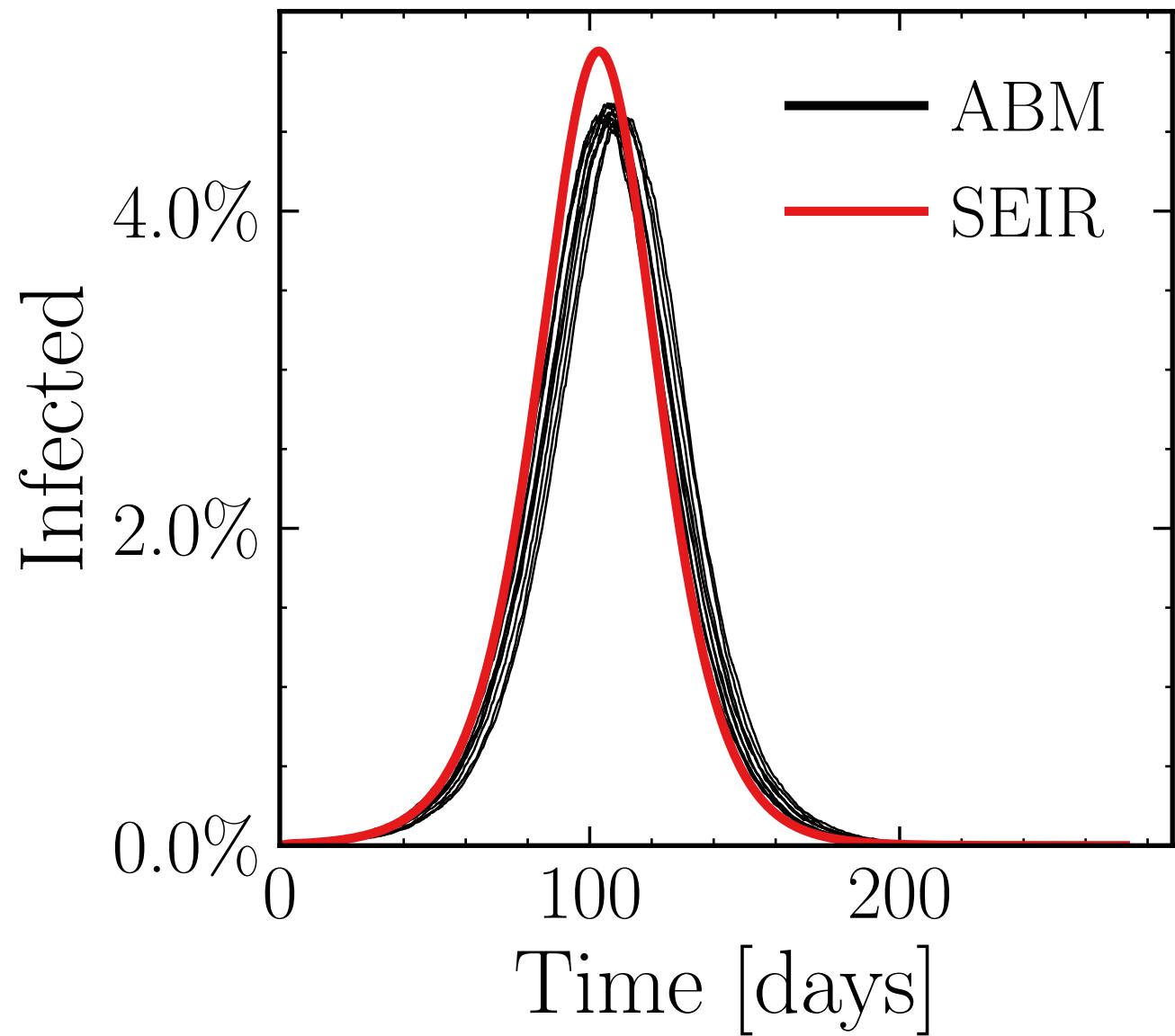
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = ac574dfdfc, #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, $N_{\text{init}} = 100$

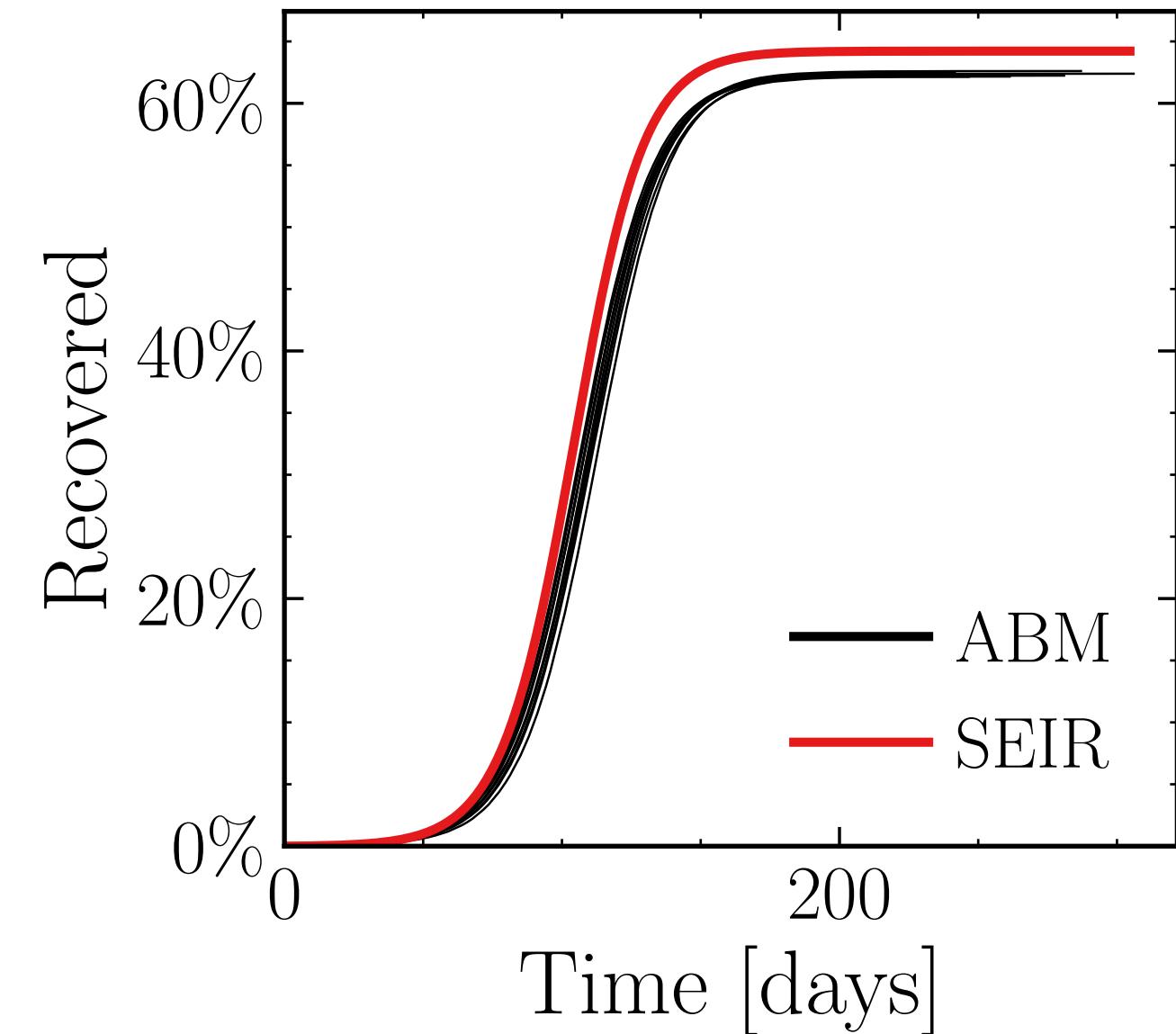
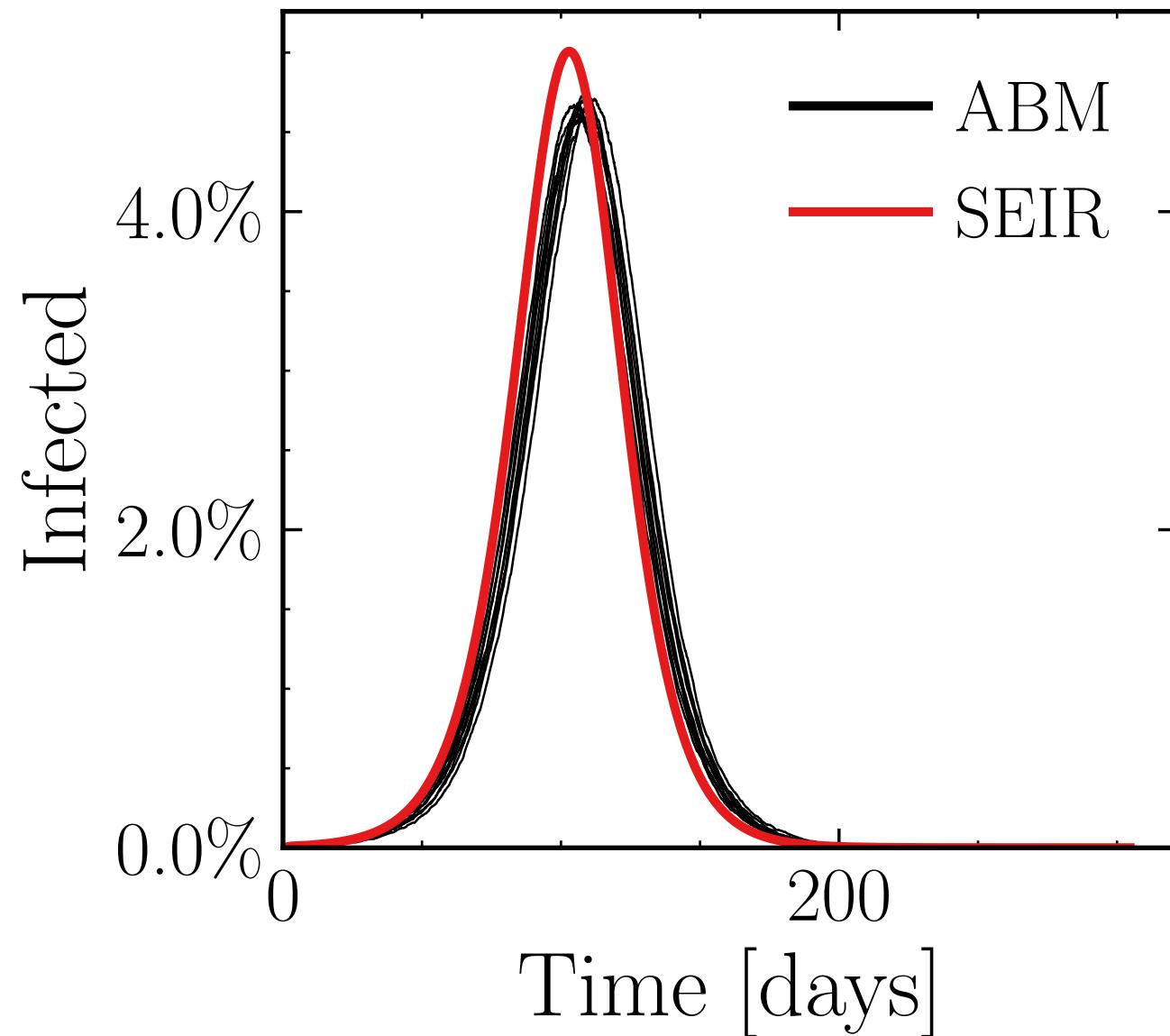
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 032d40d6d3, #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, $N_{\text{init}} = 100$

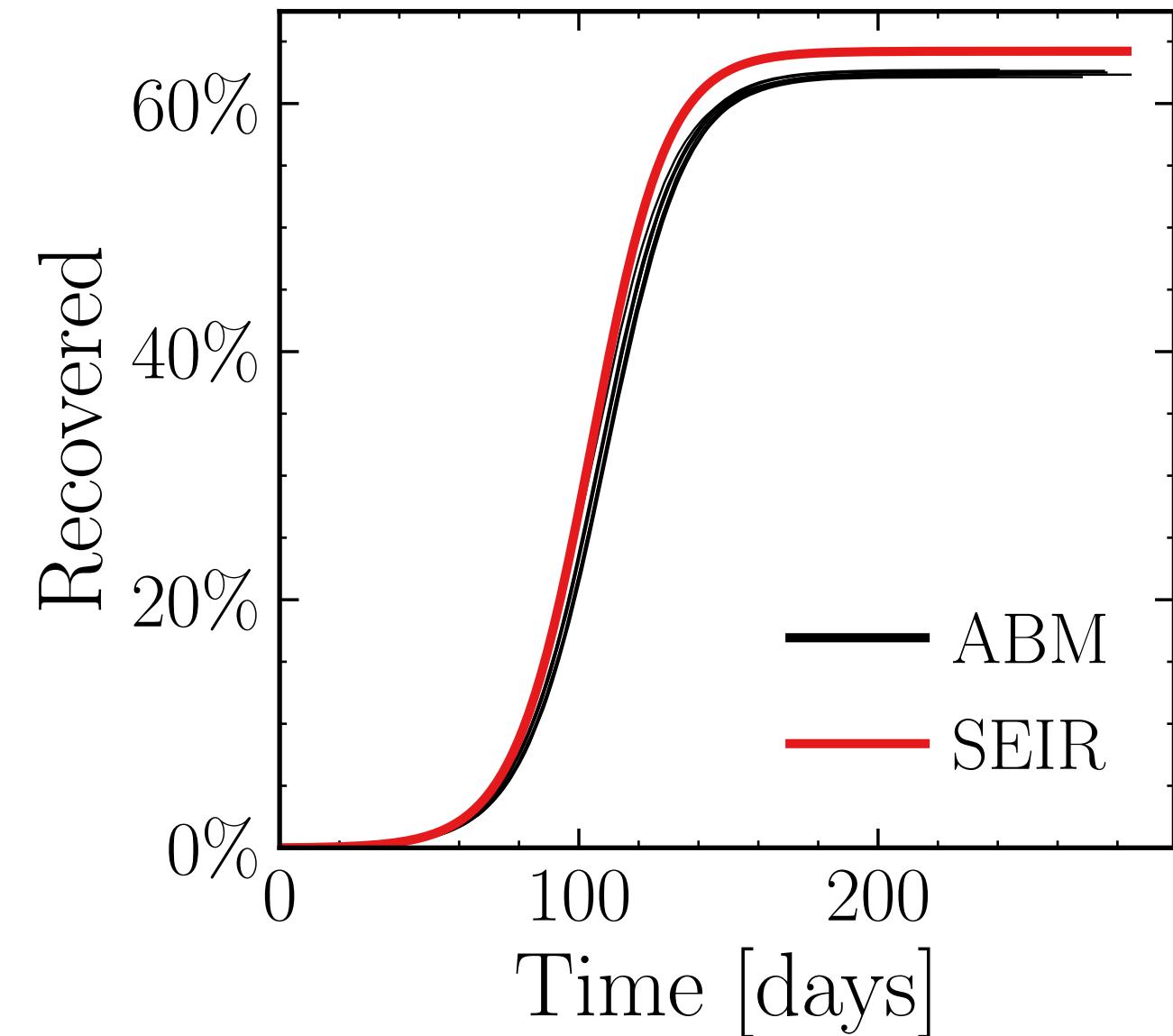
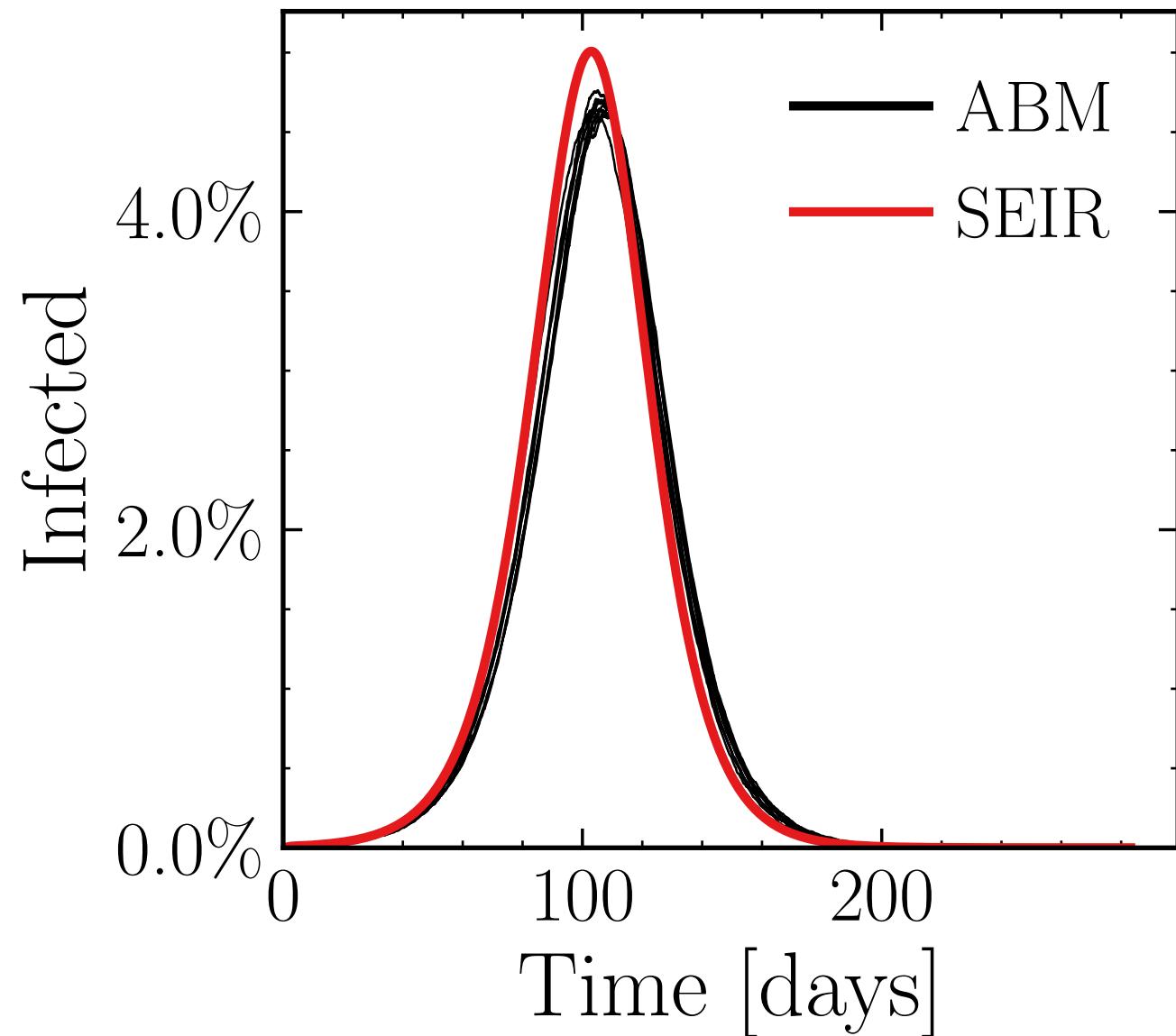
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 9a52286bc5, #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, $N_{\text{init}} = 100$

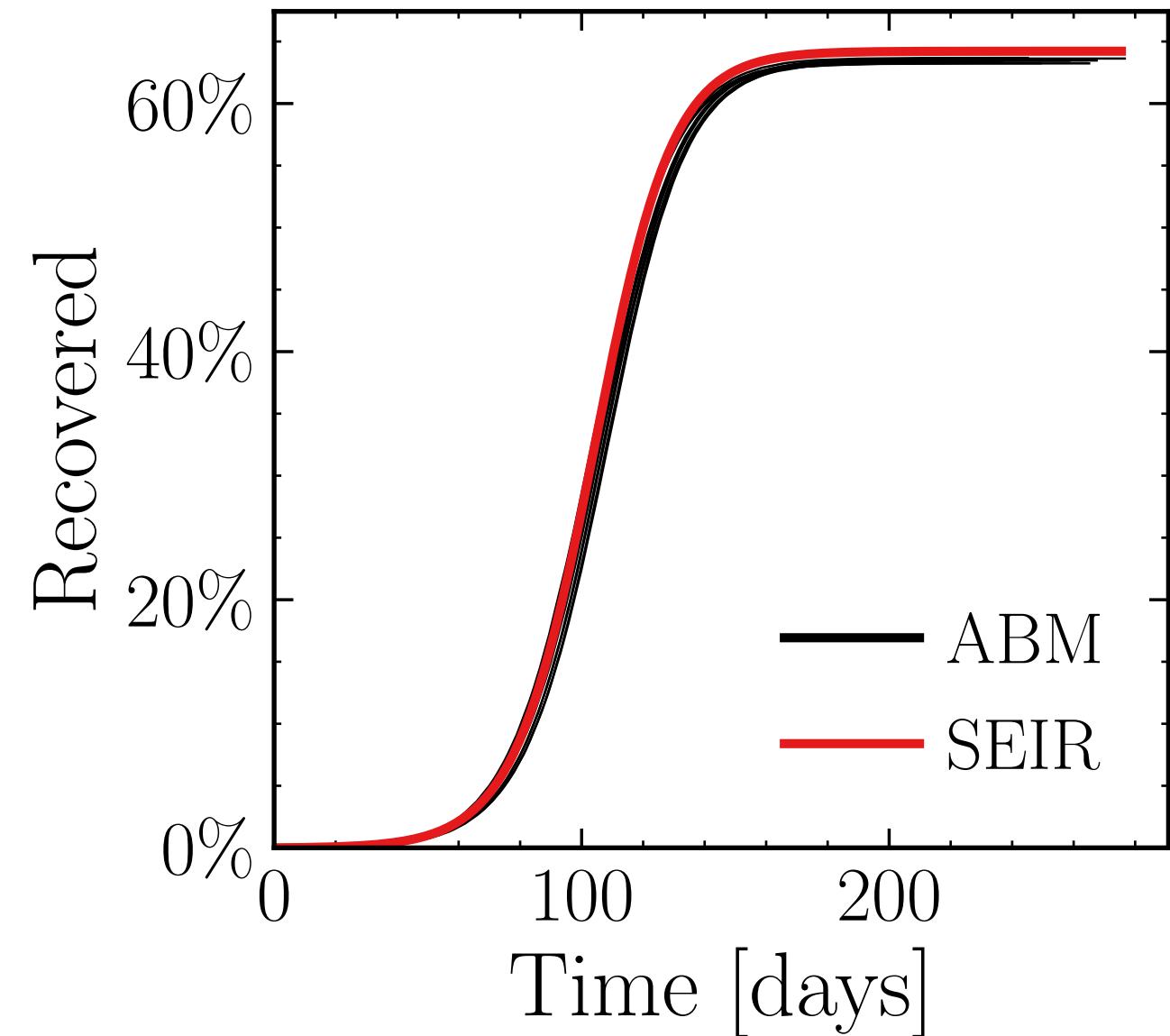
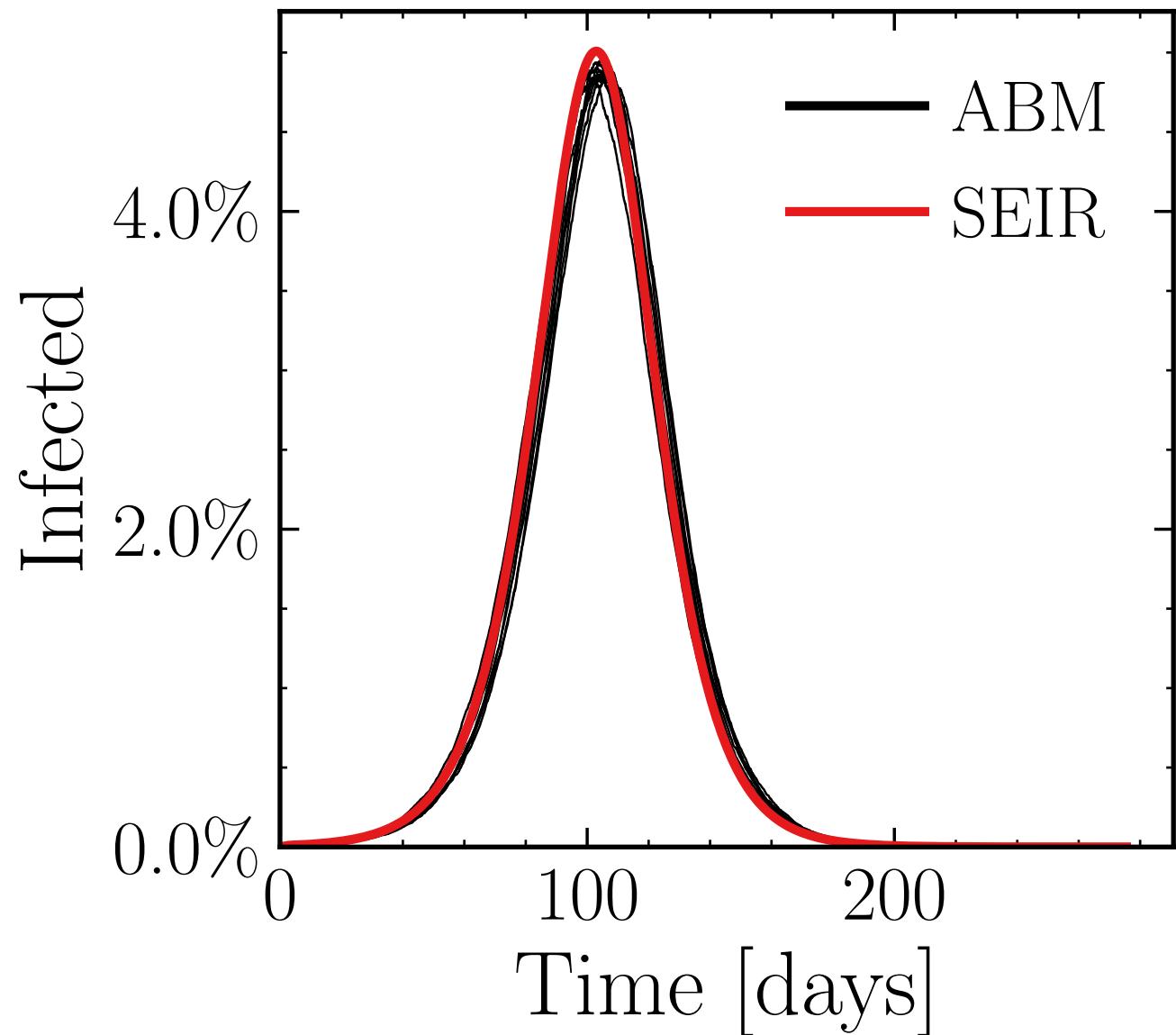
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

$$\text{v.} = 1.0, \text{hash} = 9a0e7a1430, \#10$$

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



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

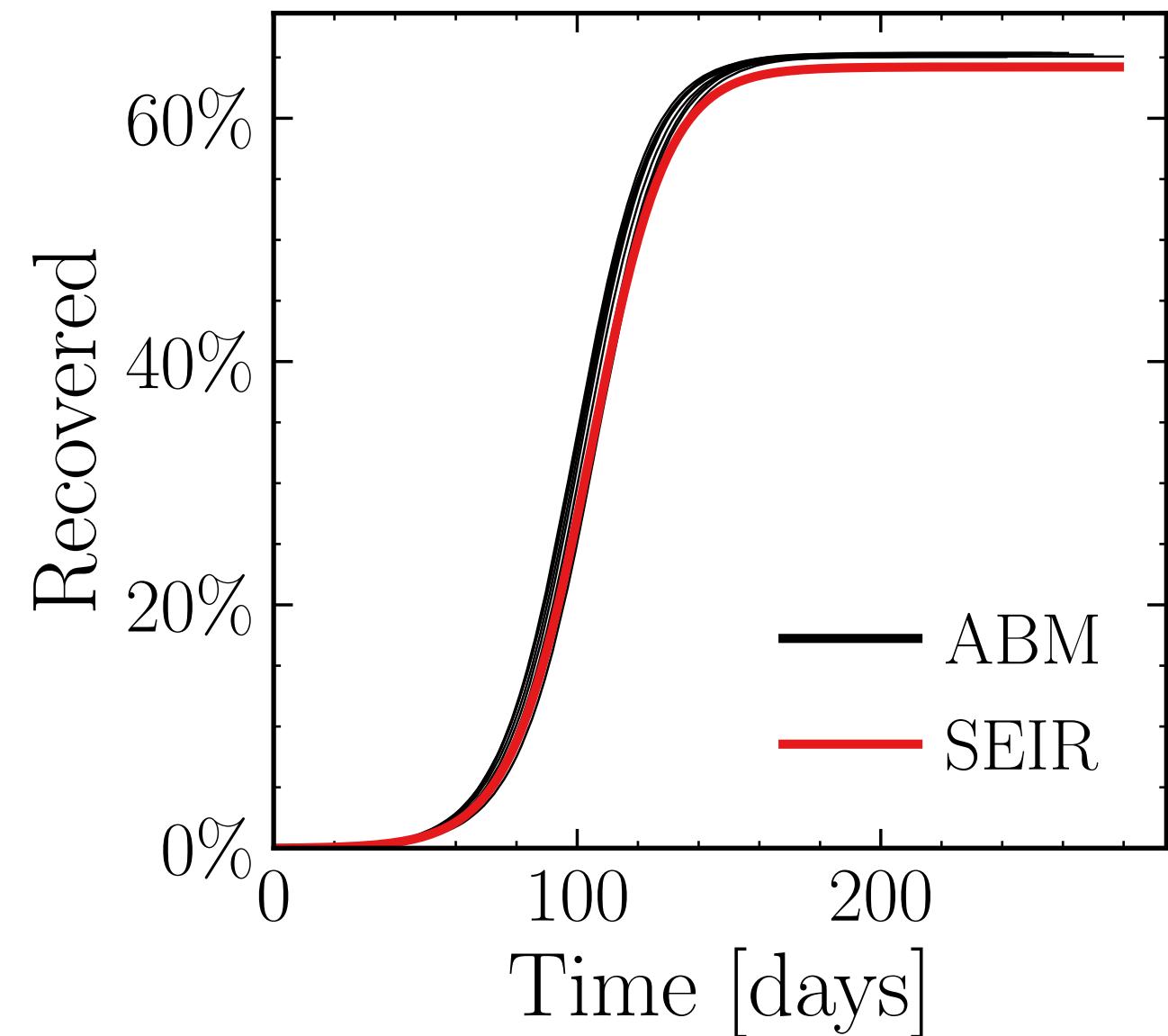
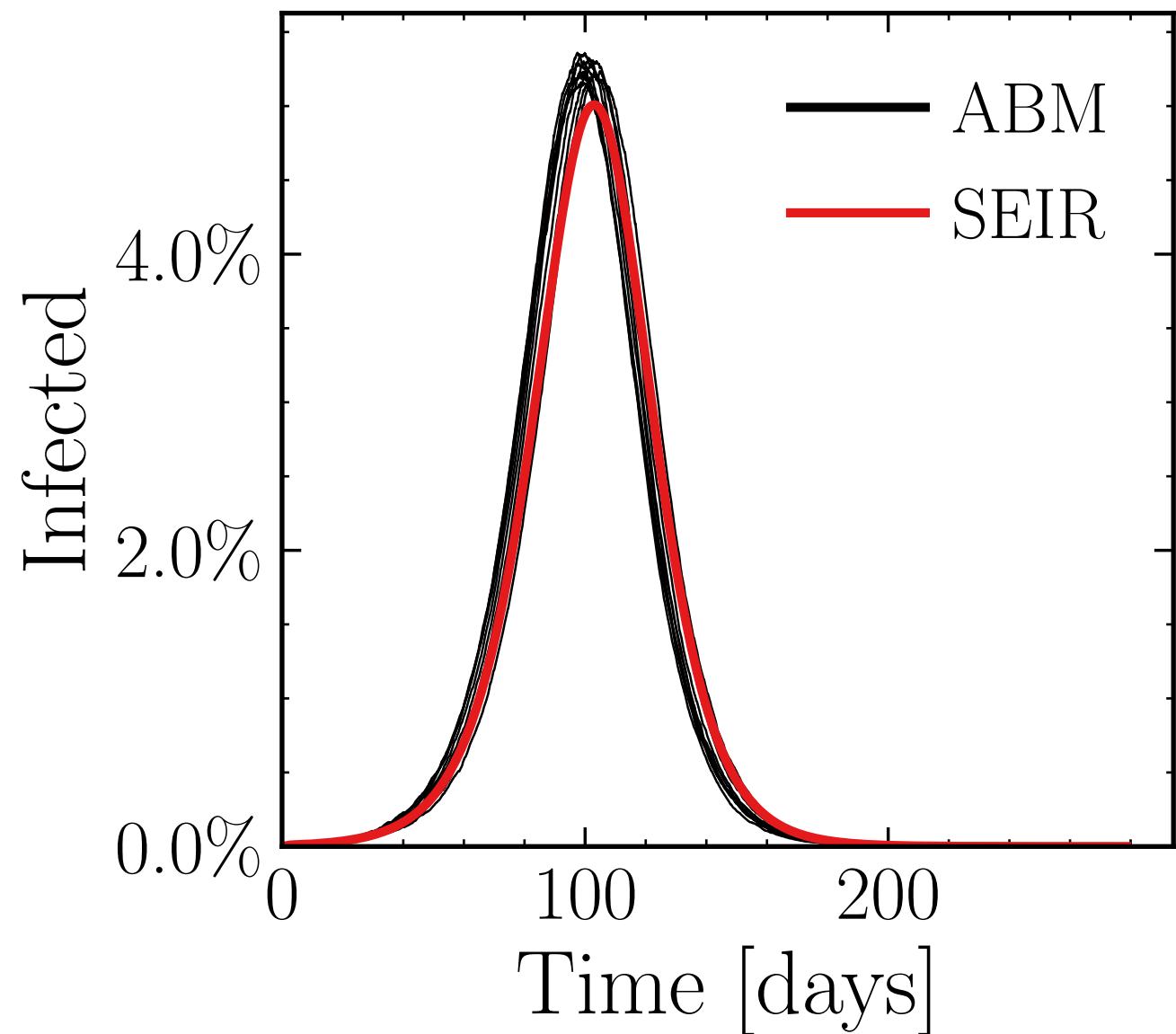
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 49a17019d0, #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, $N_{\text{init}} = 100$

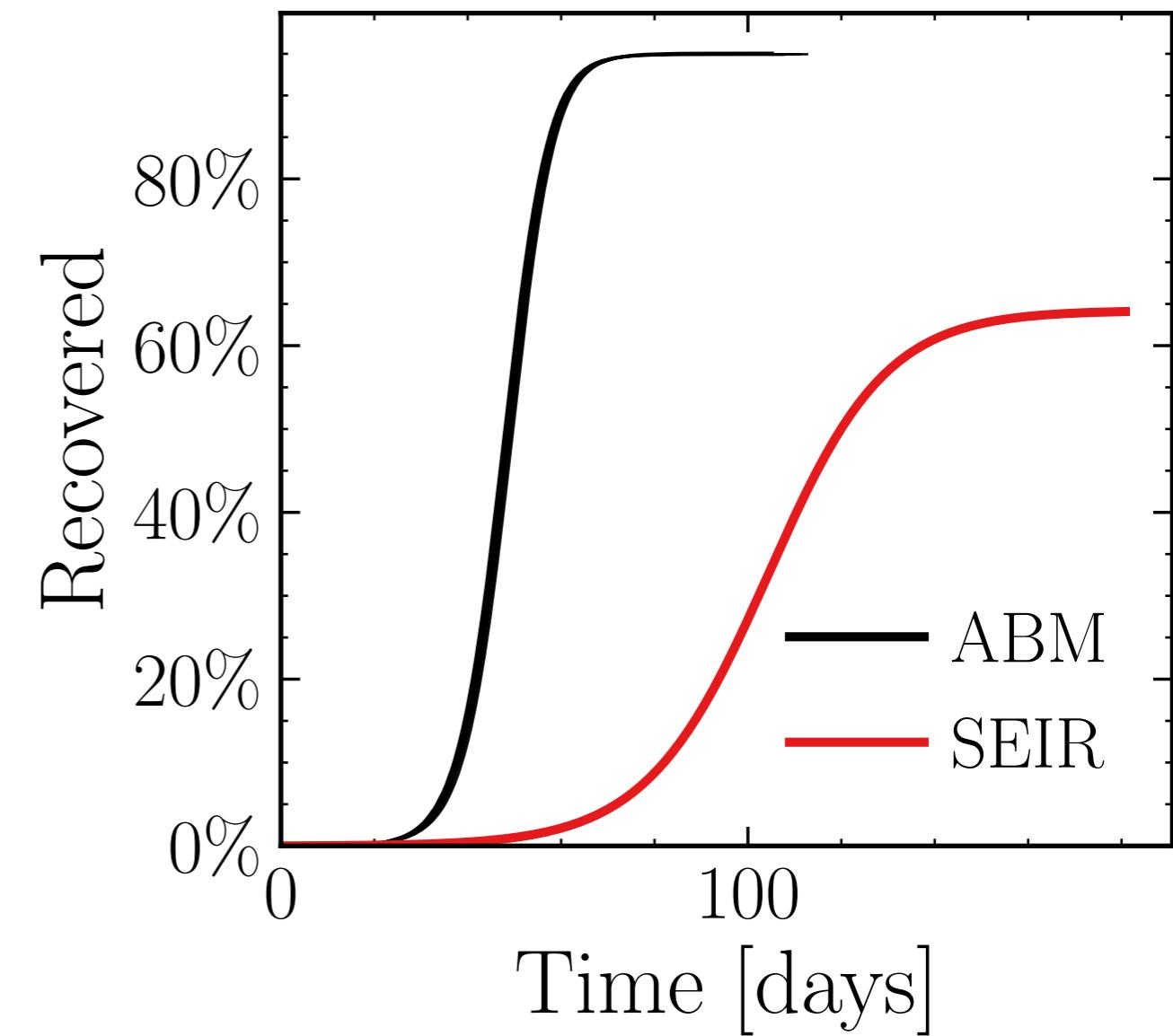
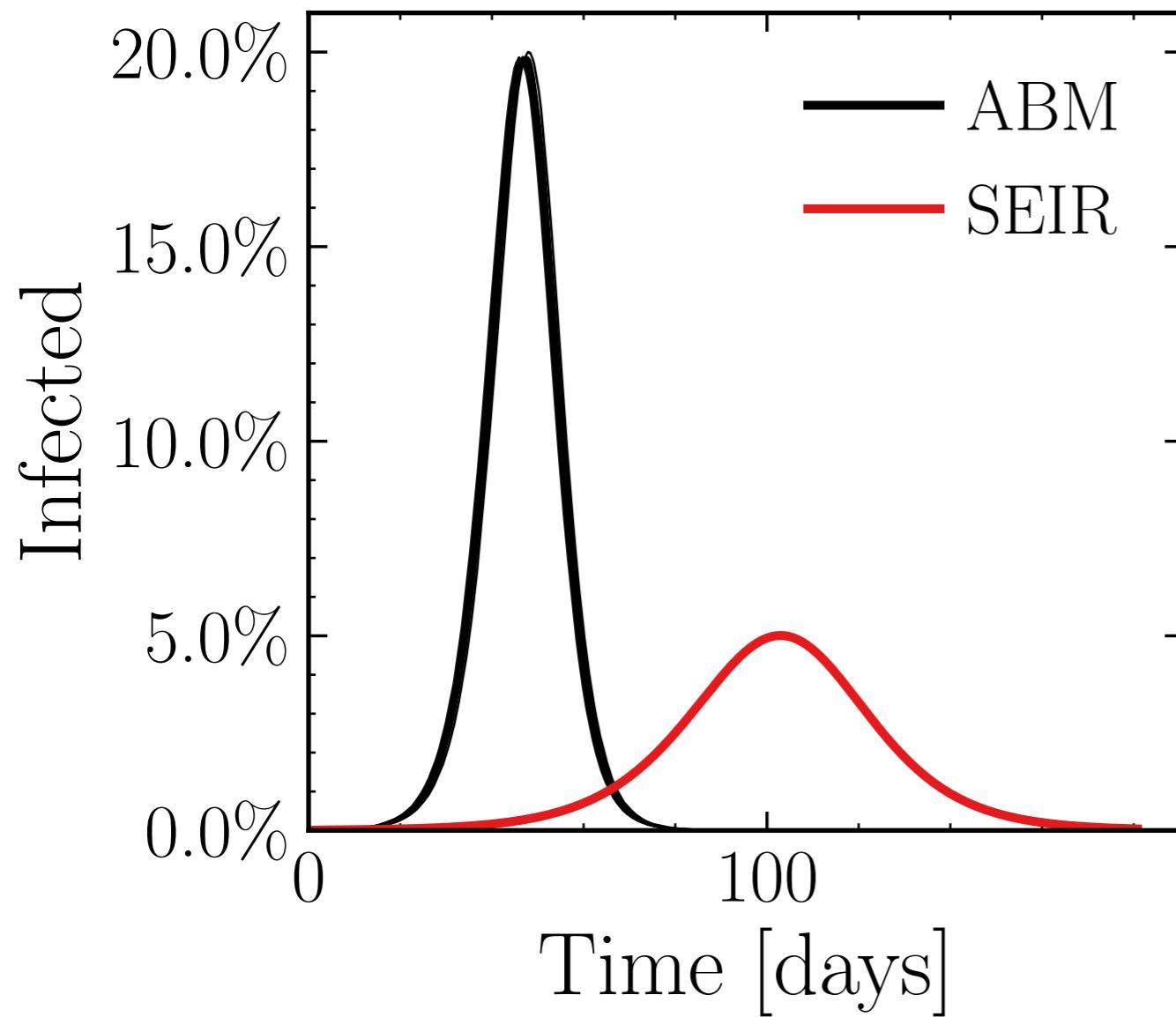
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

$N_{\text{events}} = 10K$, event_{sizepeak} = 0, event_{sizemean} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

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

v. = 1.0, hash = ae5aad616e, #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, $N_{\text{init}} = 100$

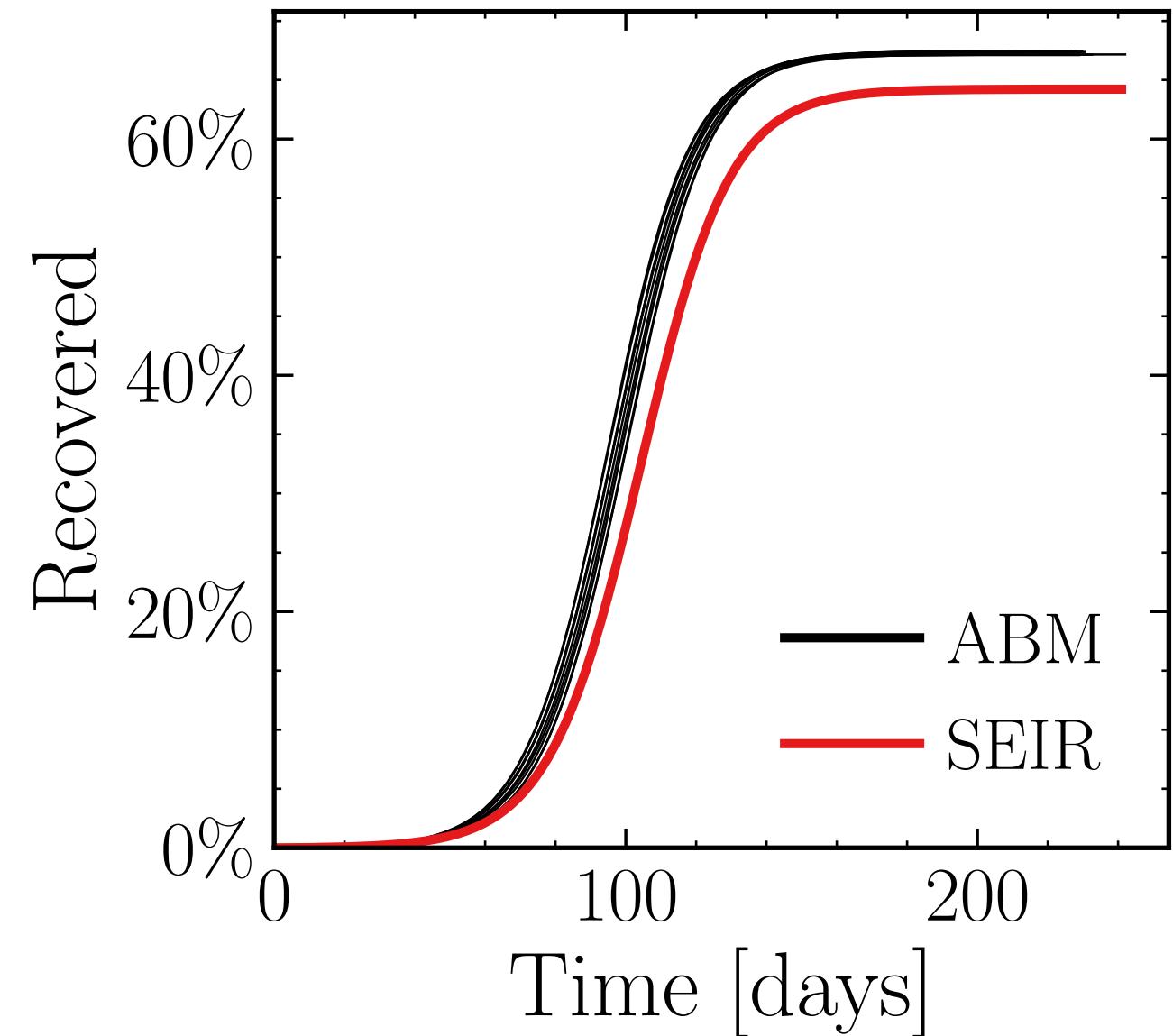
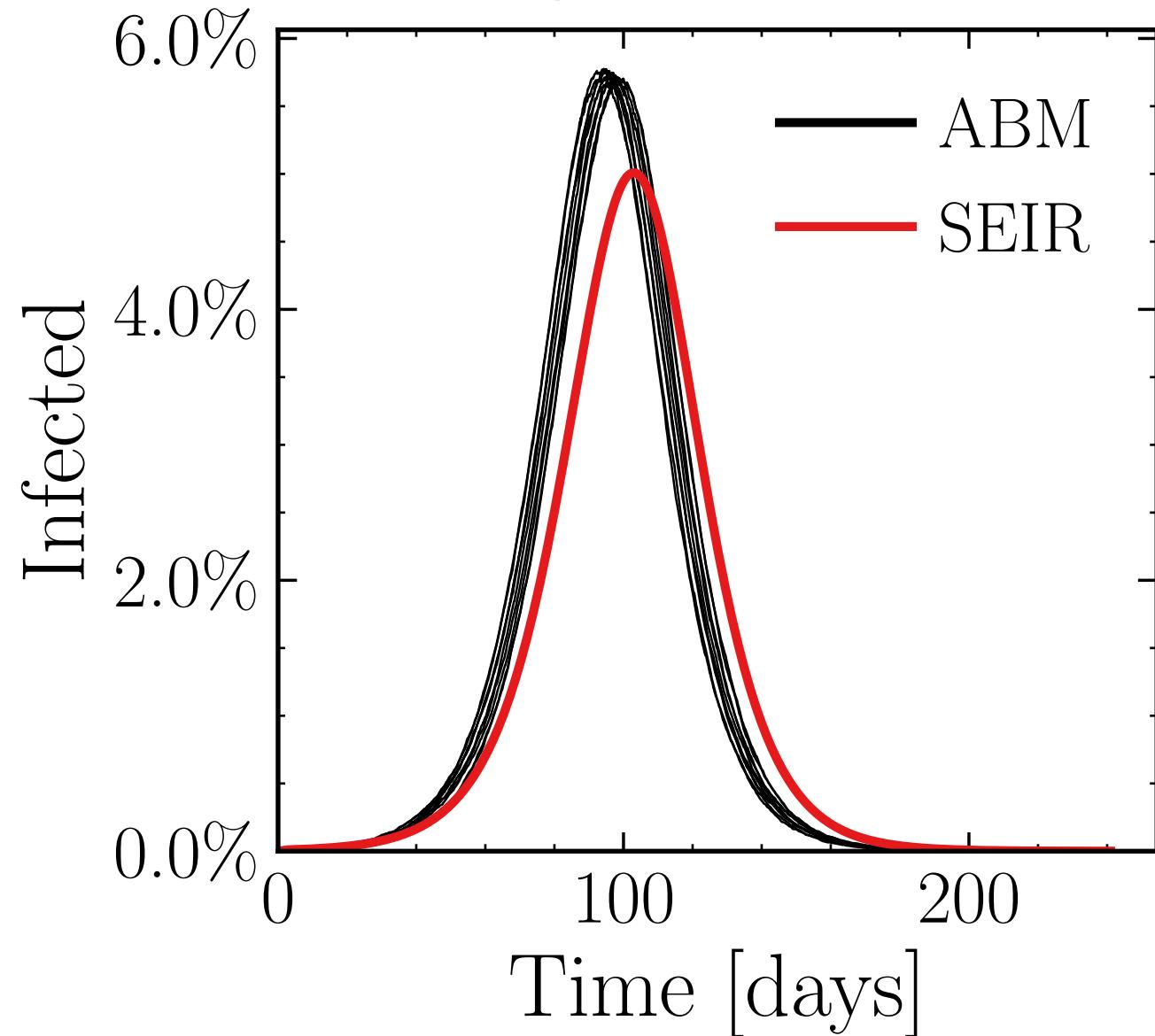
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

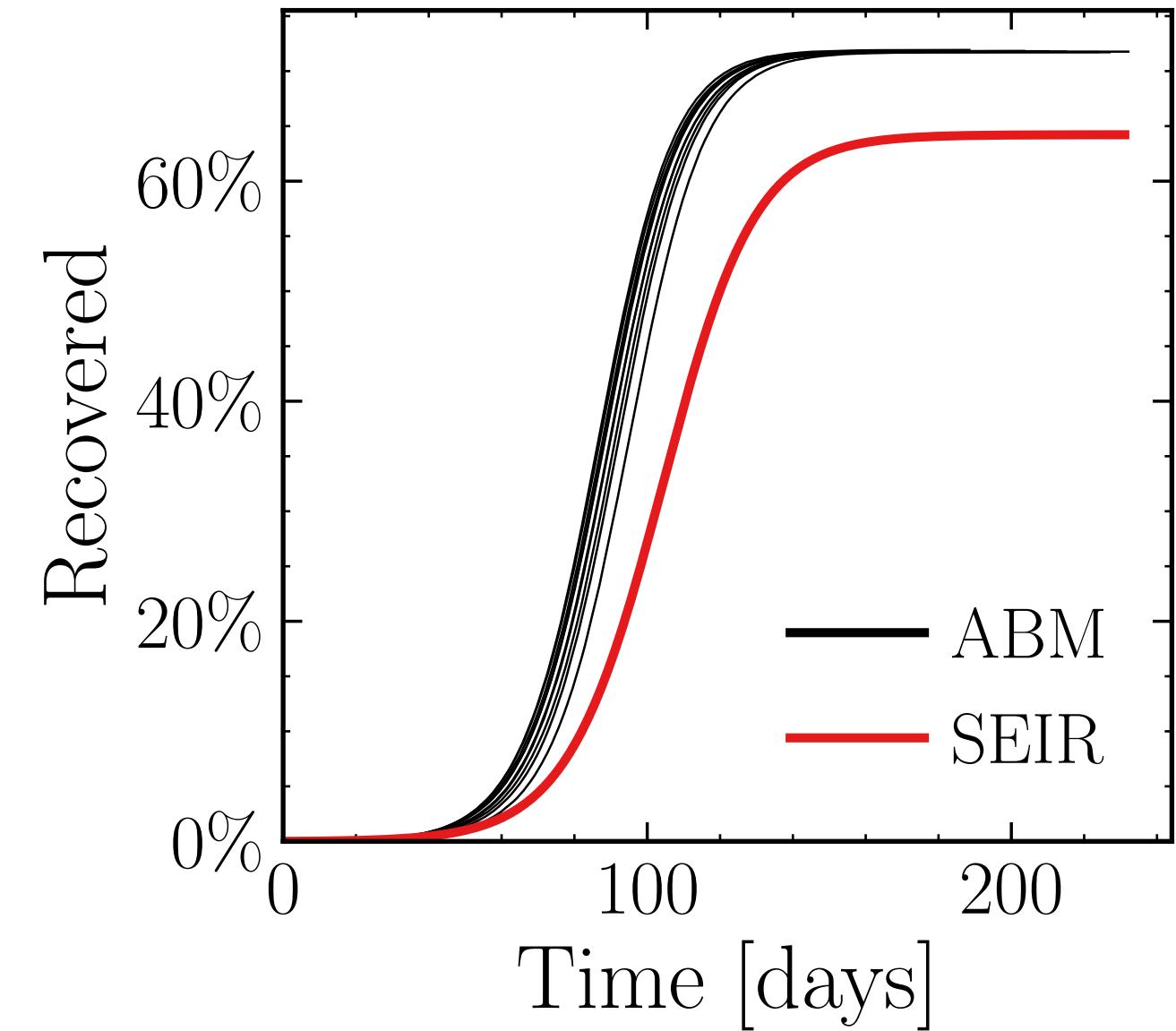
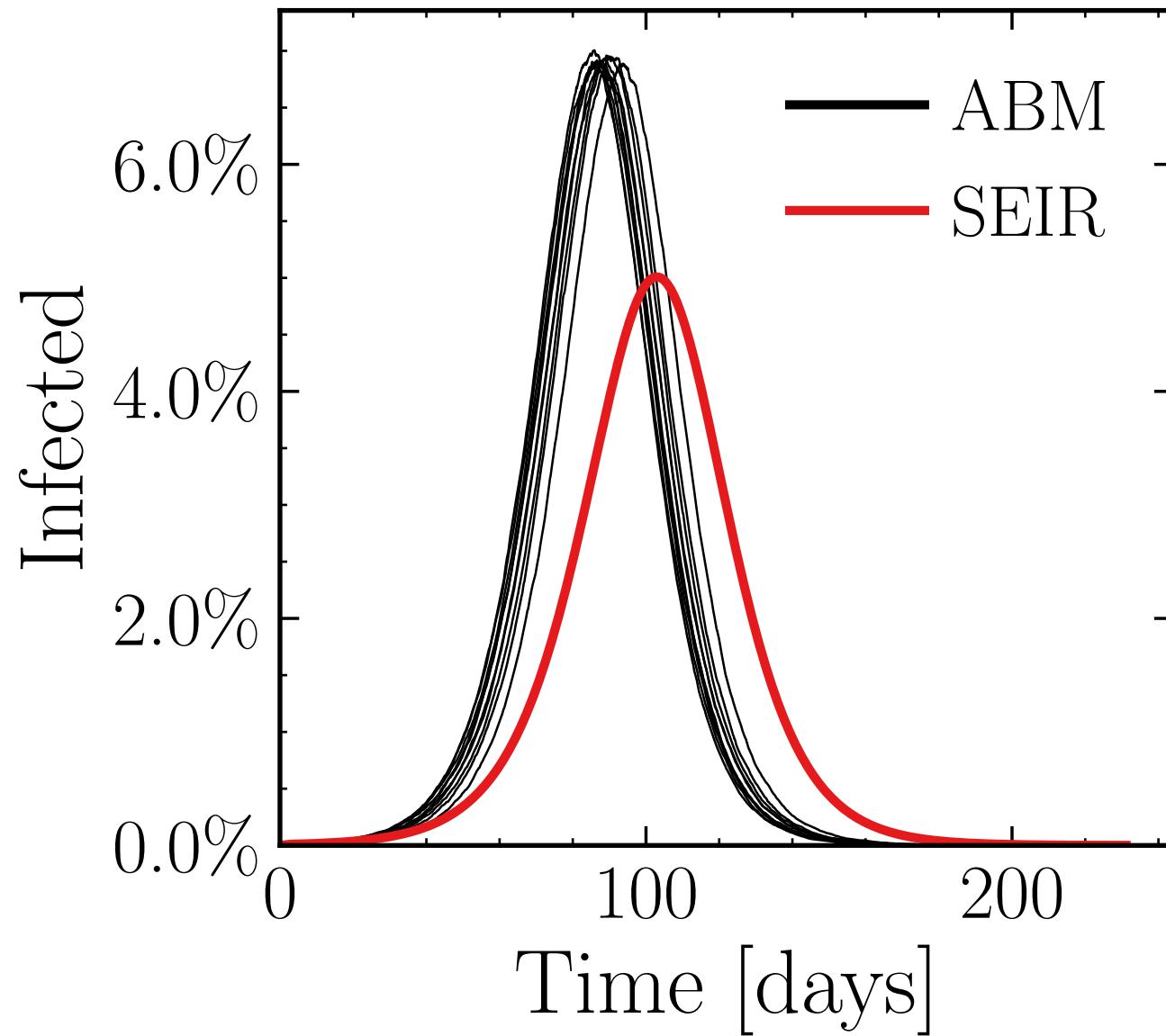
$I_{\text{peak}}^{\text{ABM}} = (33.23 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 63b9653d3c, #10

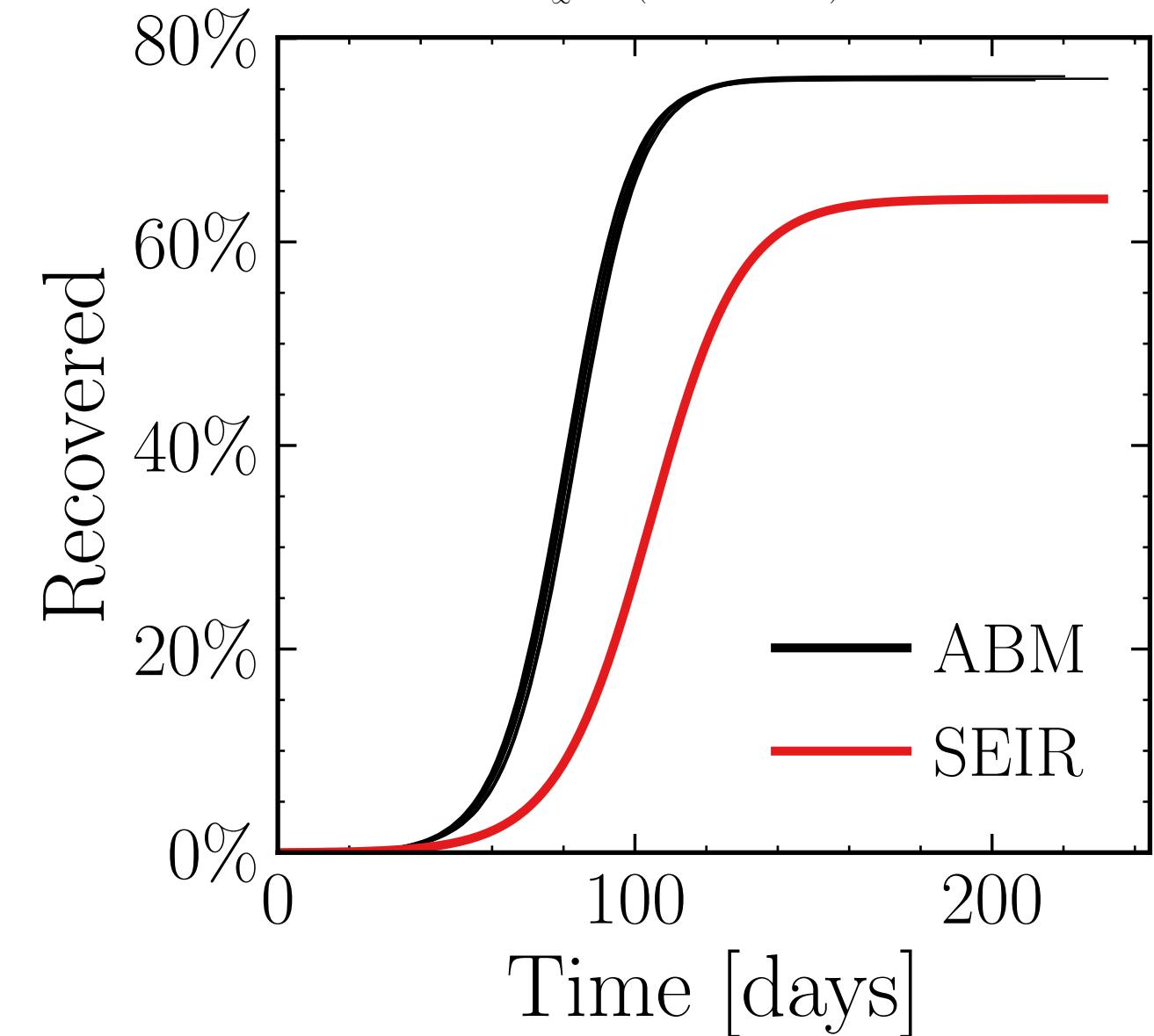
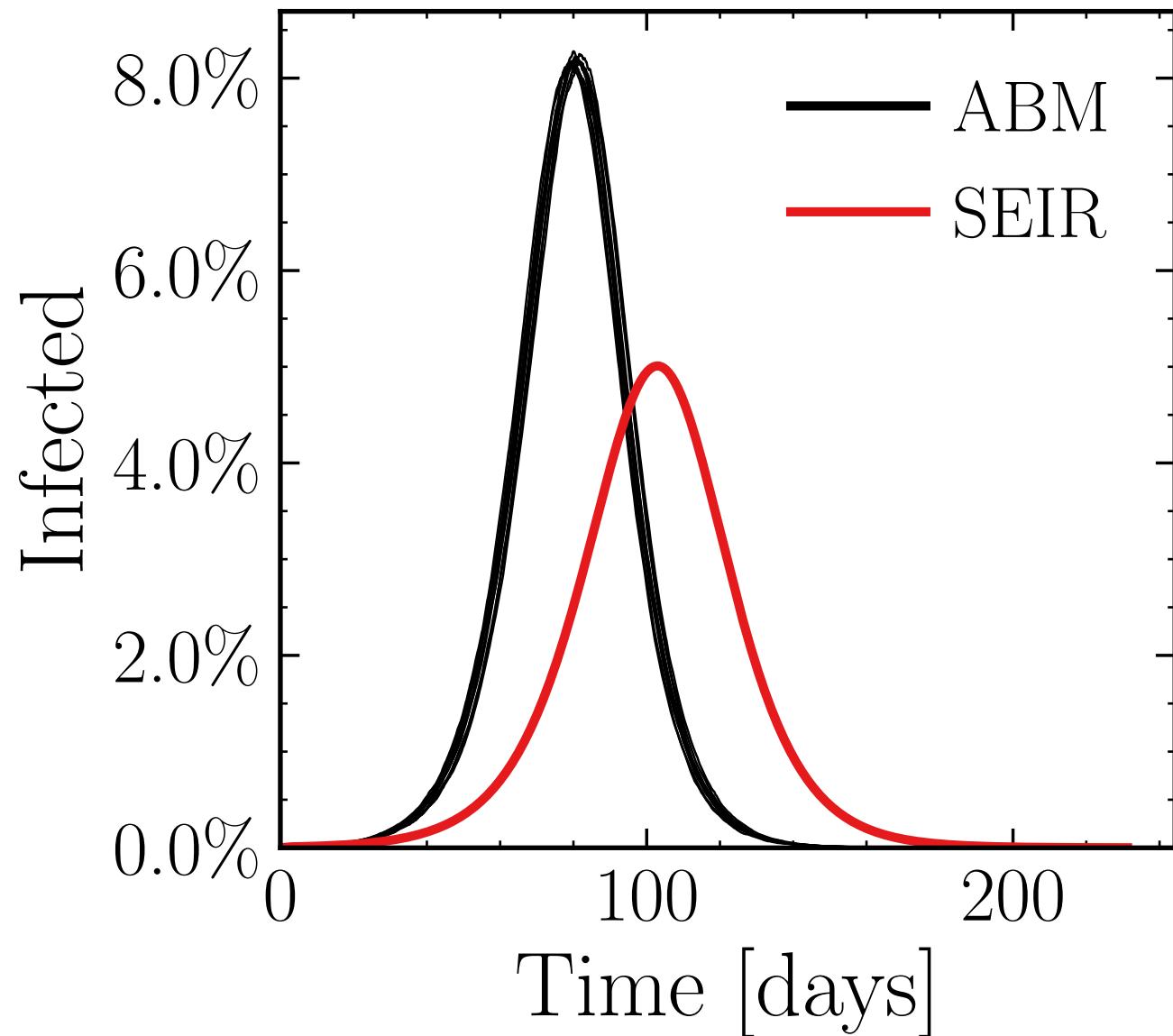
$R_\infty^{\text{ABM}} = (390.4 \pm 0.055\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, 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_{peak}} = 30, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (40.12 \pm 0.19\%) \cdot 10^3$ v. = 1.0, hash = ee7637d856, #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_{peak}} = 40, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (47.48 \pm 0.18\%) \cdot 10^3$ v. = 1.0, hash = 655fbb9fac, #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, $N_{\text{init}} = 100$

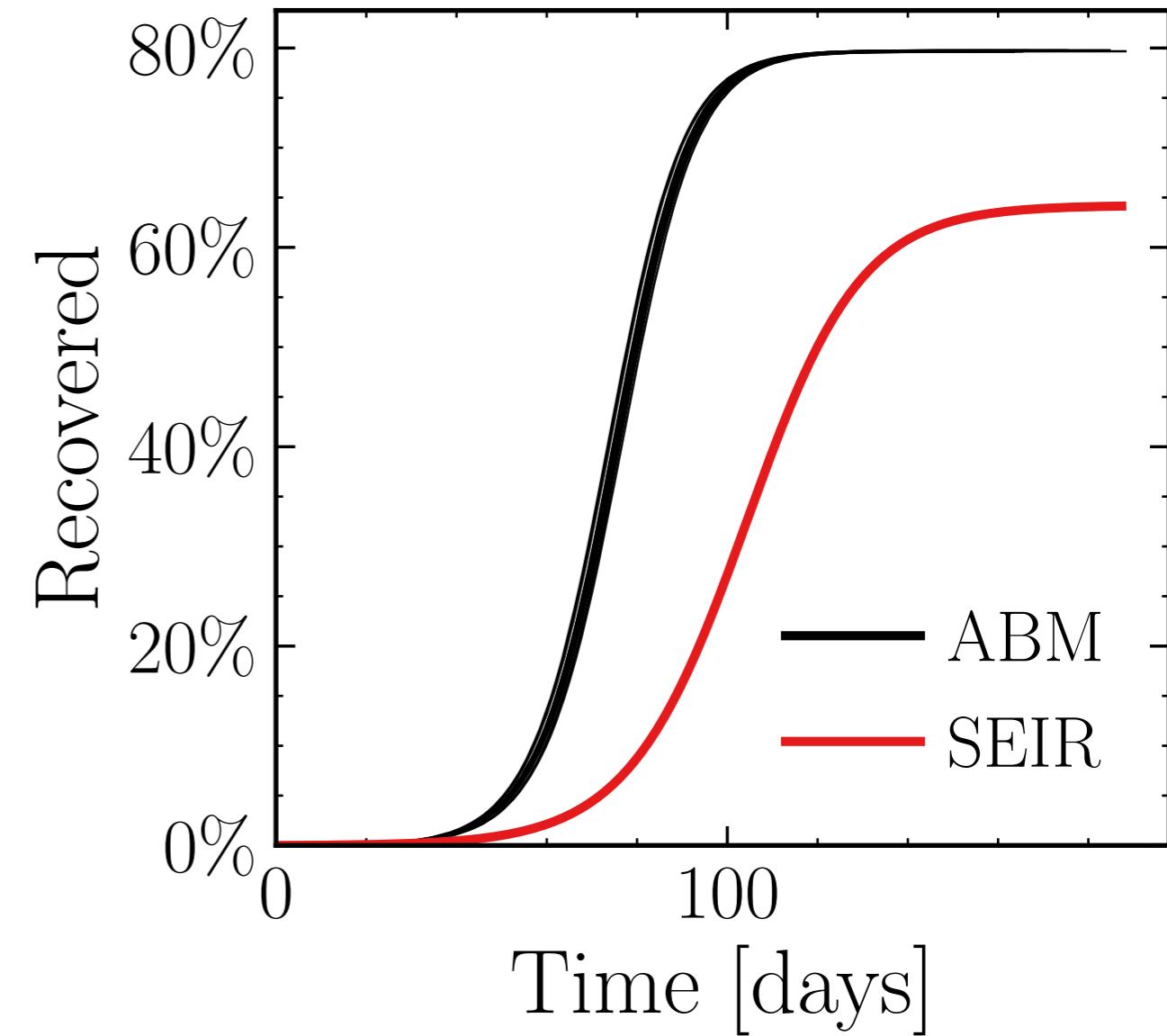
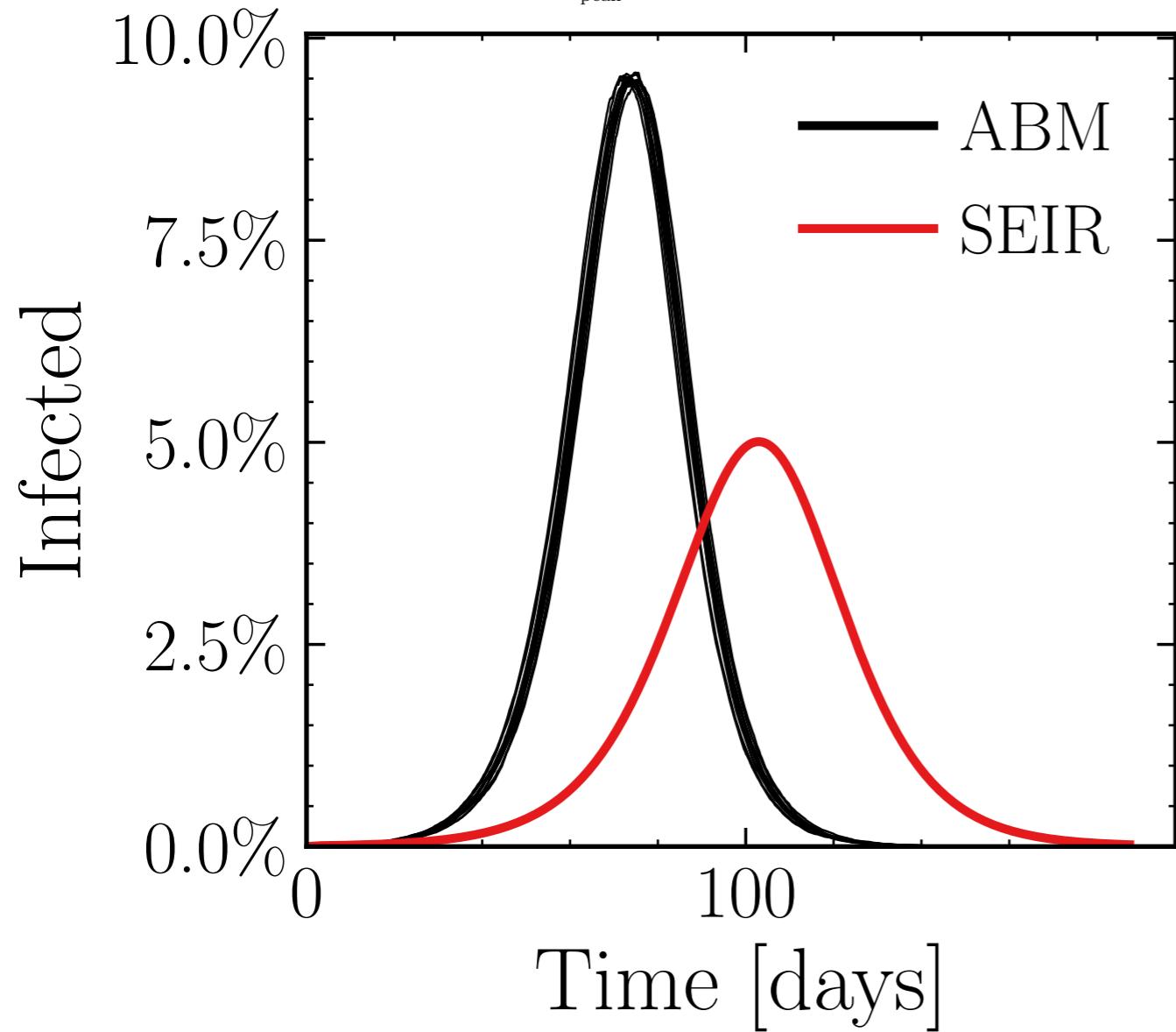
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = d5c2aac0d2, #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, $N_{\text{init}} = 100$

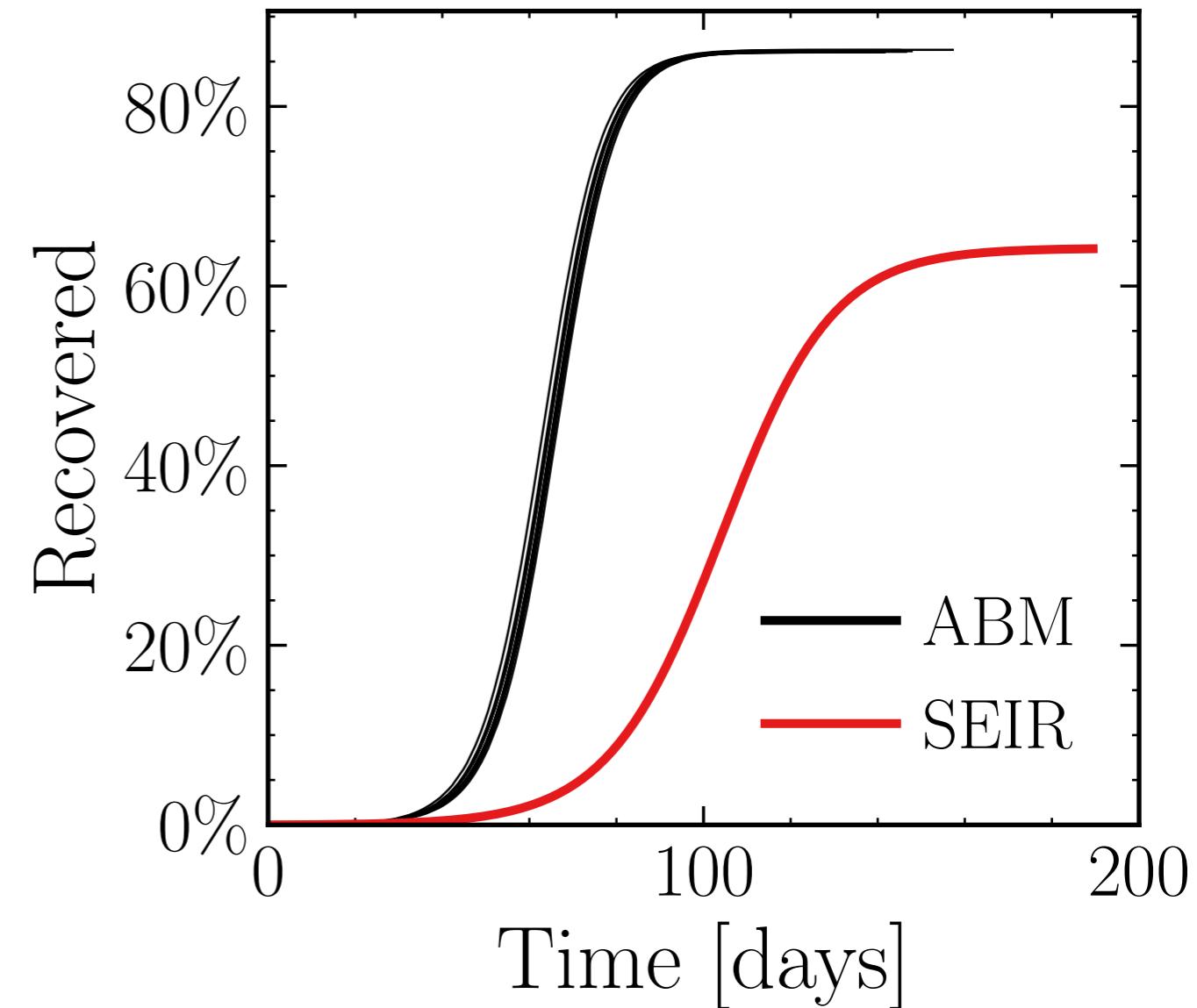
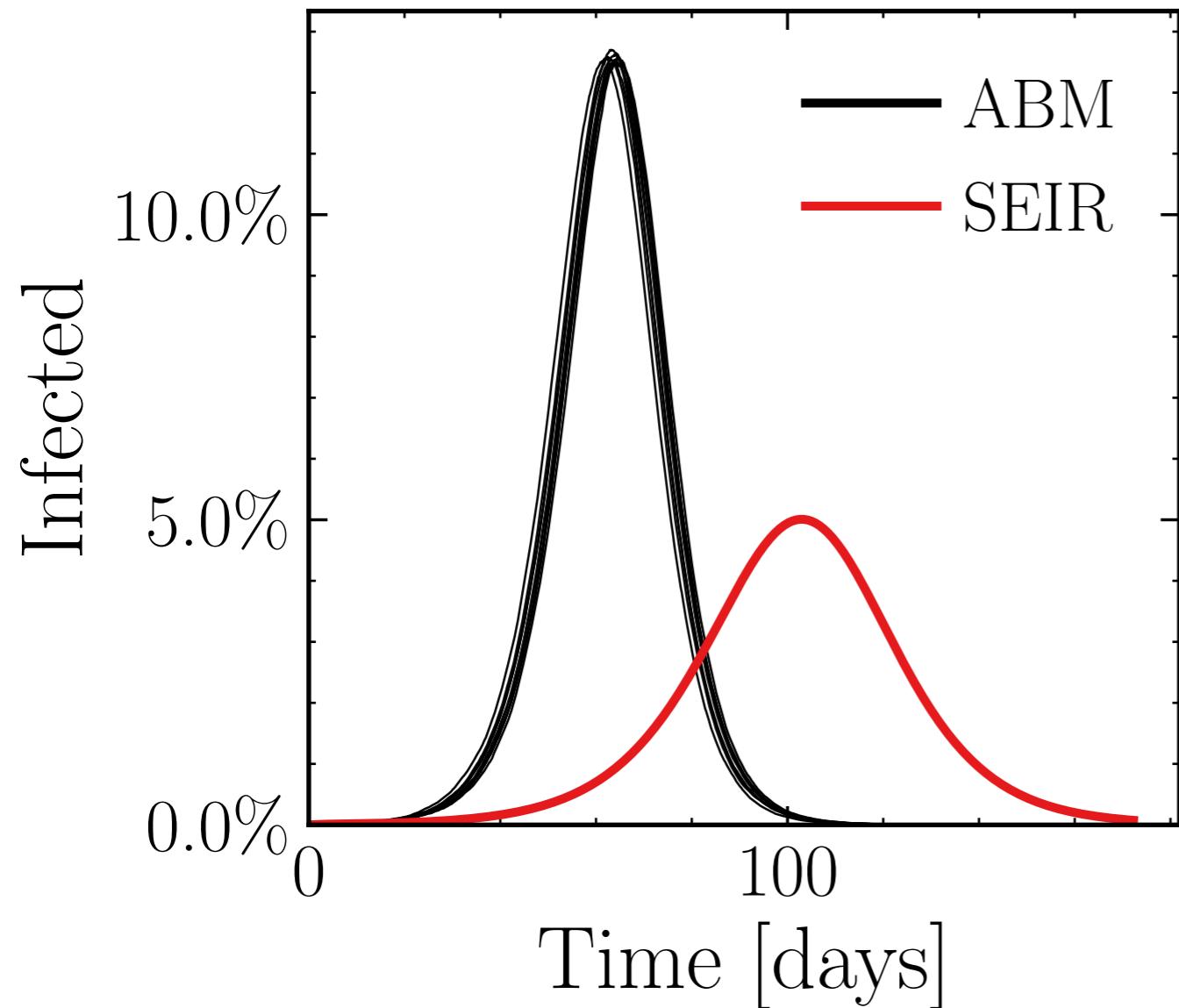
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = efdacc7cc9, #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, $N_{\text{init}} = 100$

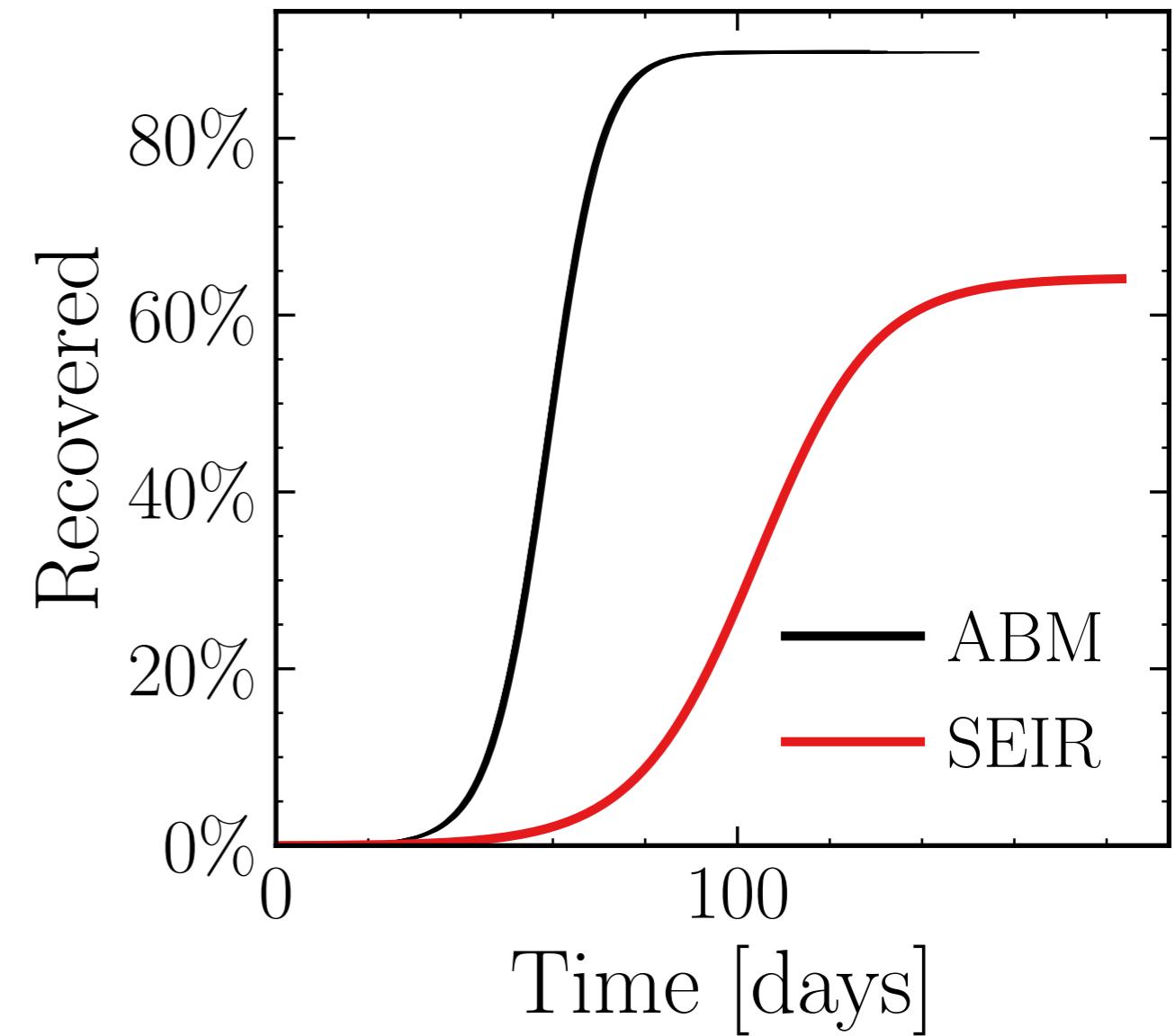
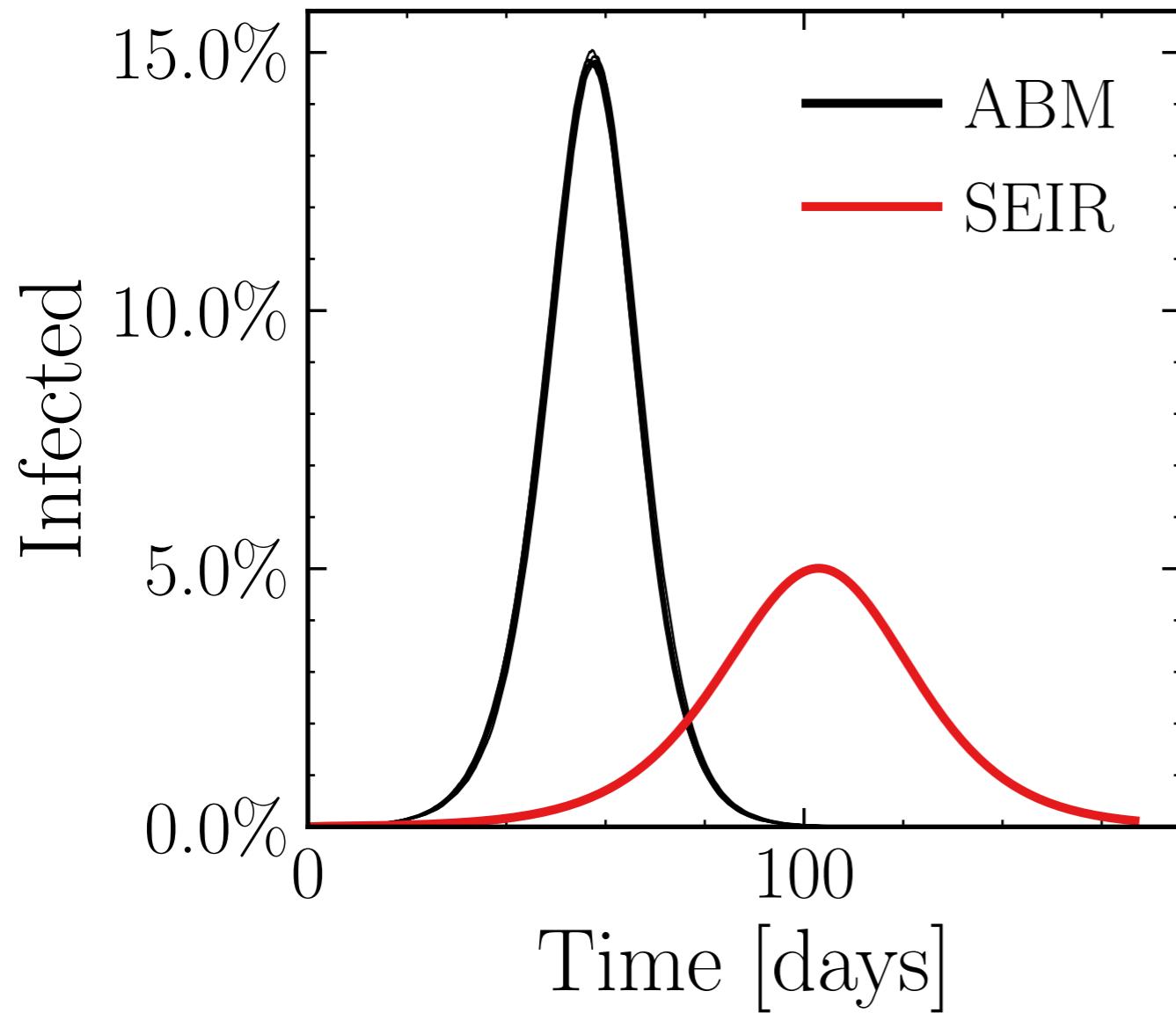
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 6970536415, #10

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



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

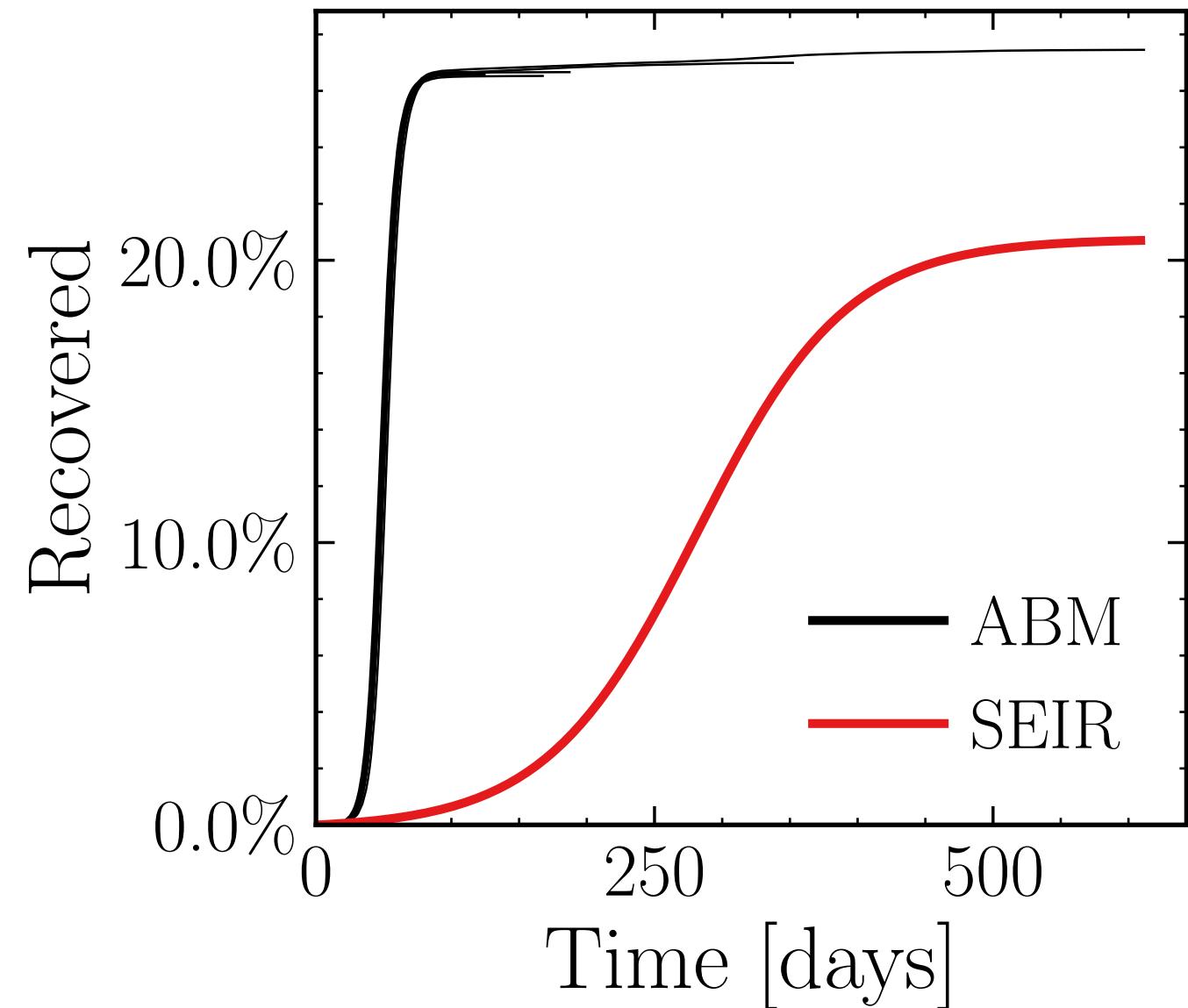
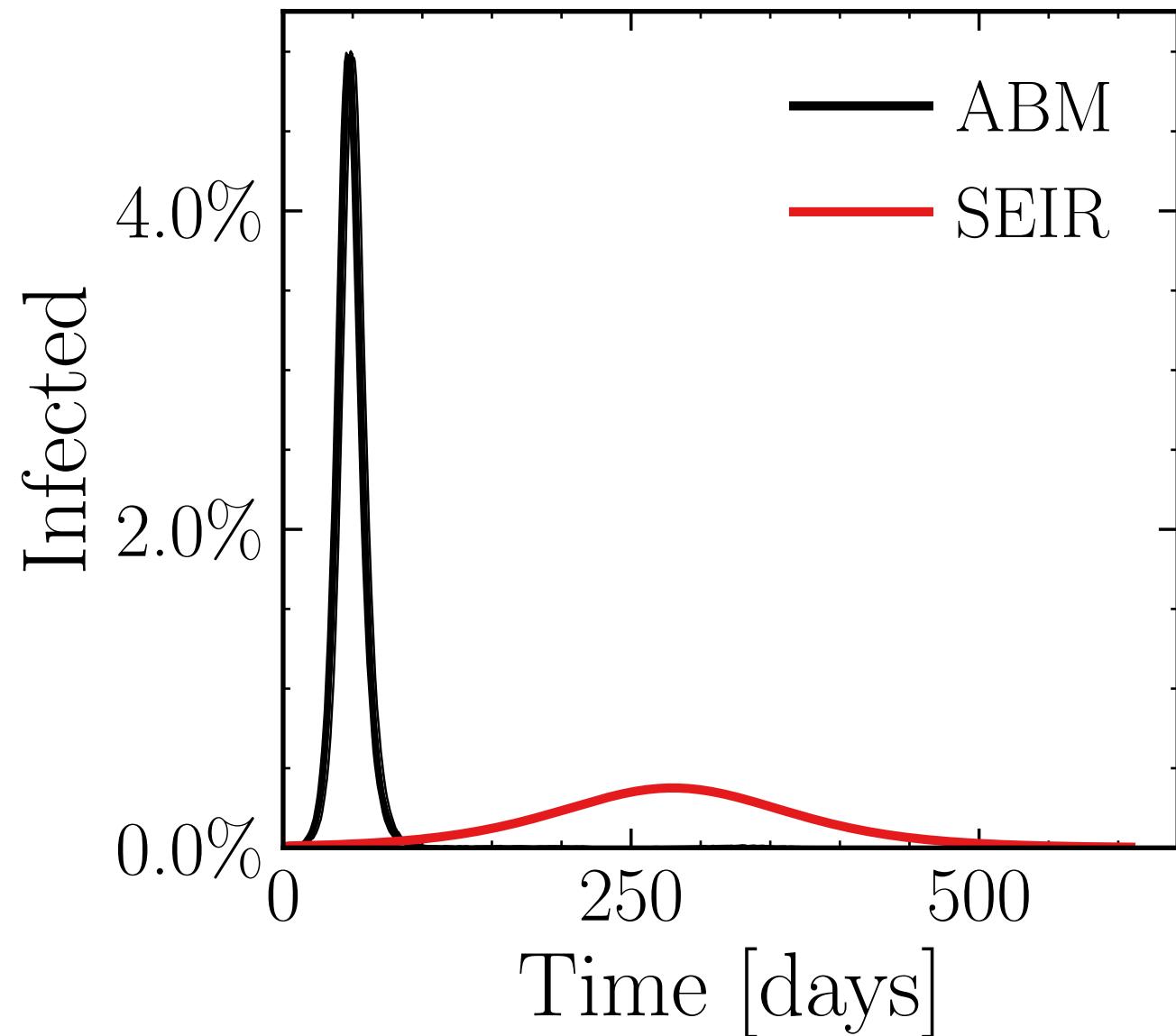
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (28.83 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 09a34b46f6, #10

$R_\infty^{\text{ABM}} = (155.1 \pm 0.31\%) \cdot 10^3$



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

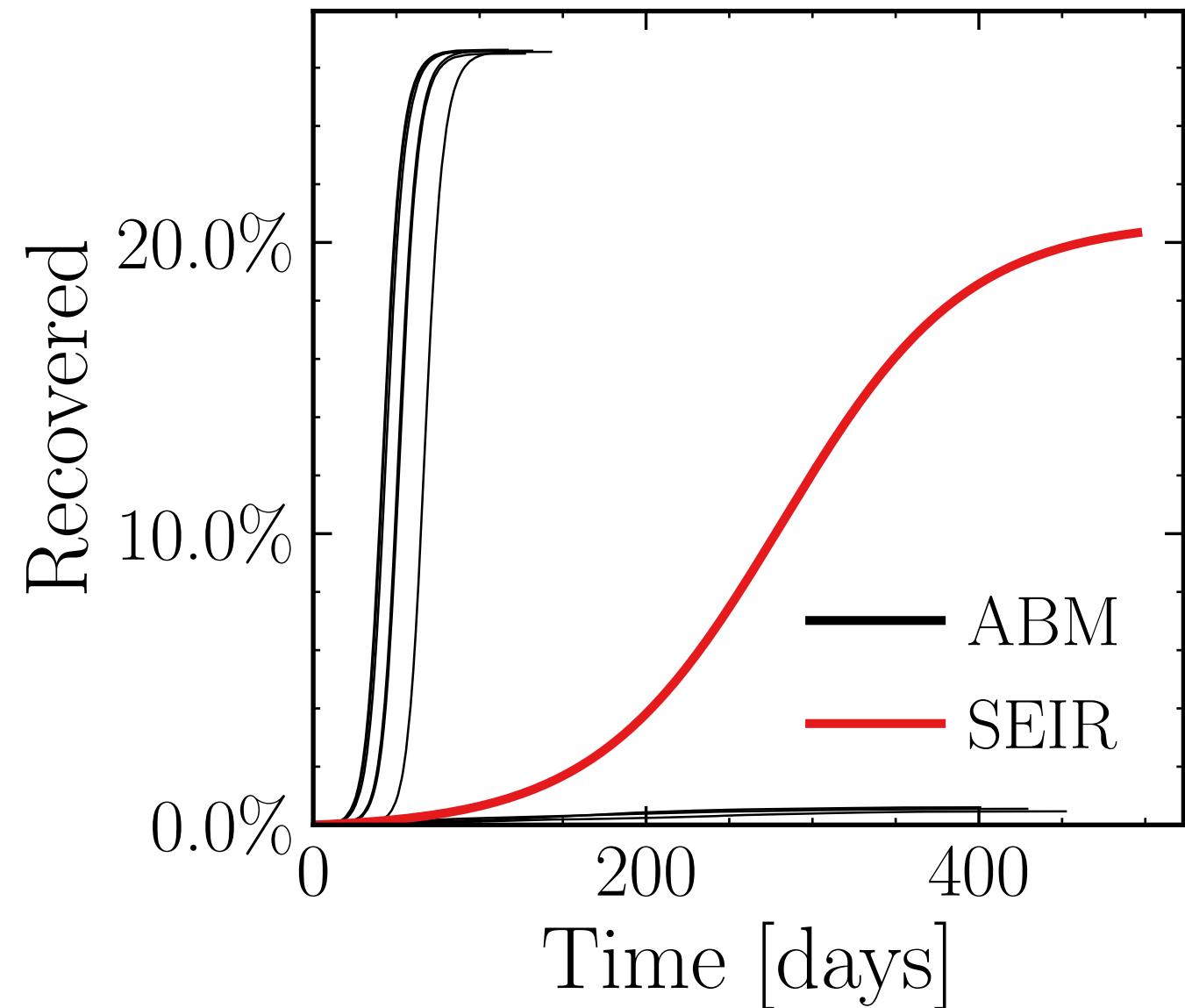
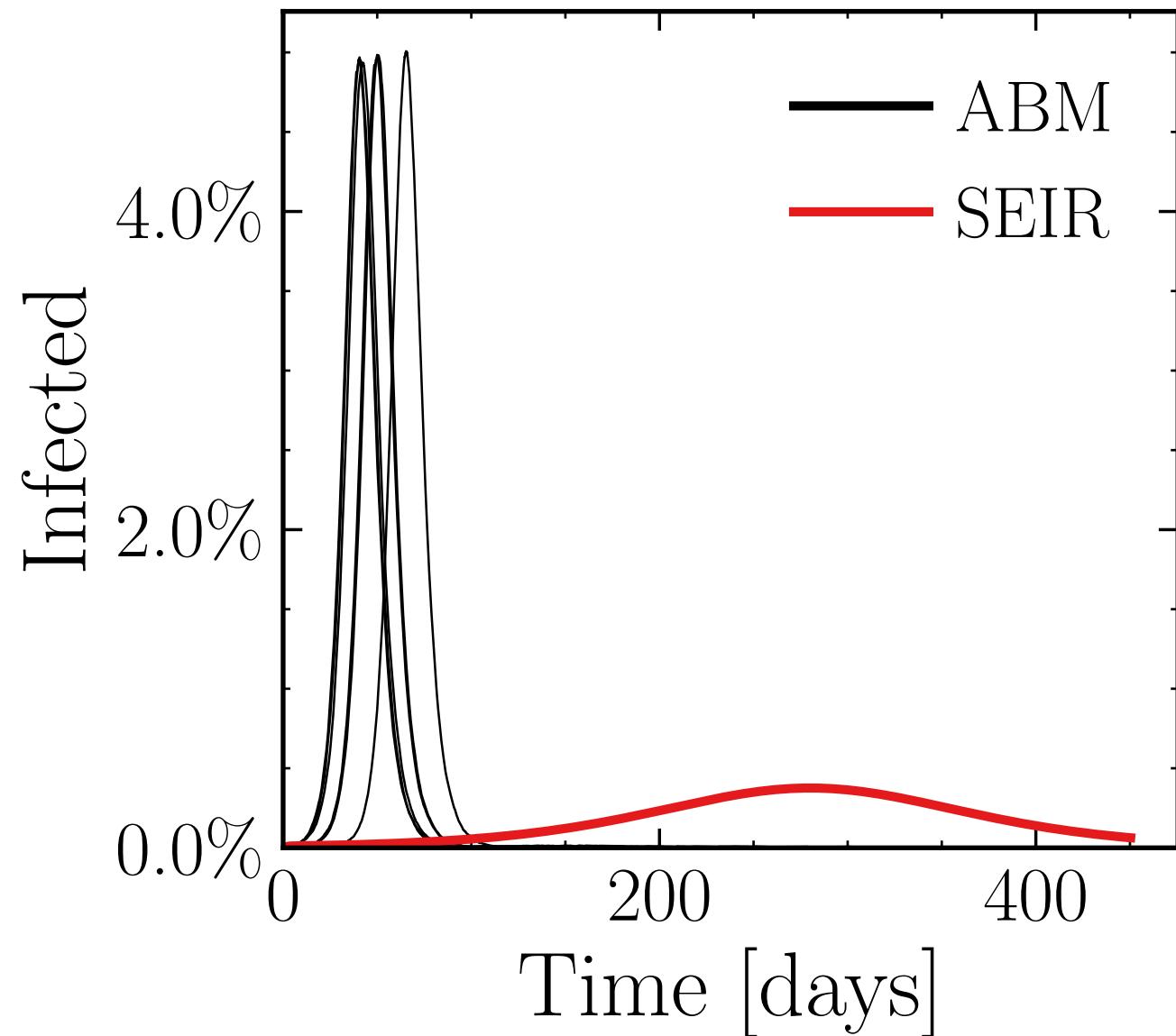
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (17 \pm 2.6e + 01\%) \cdot 10^3$

v. = 1.0, hash = 3d50474243, #10

$R_\infty^{\text{ABM}} = (90 \pm 2.5e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

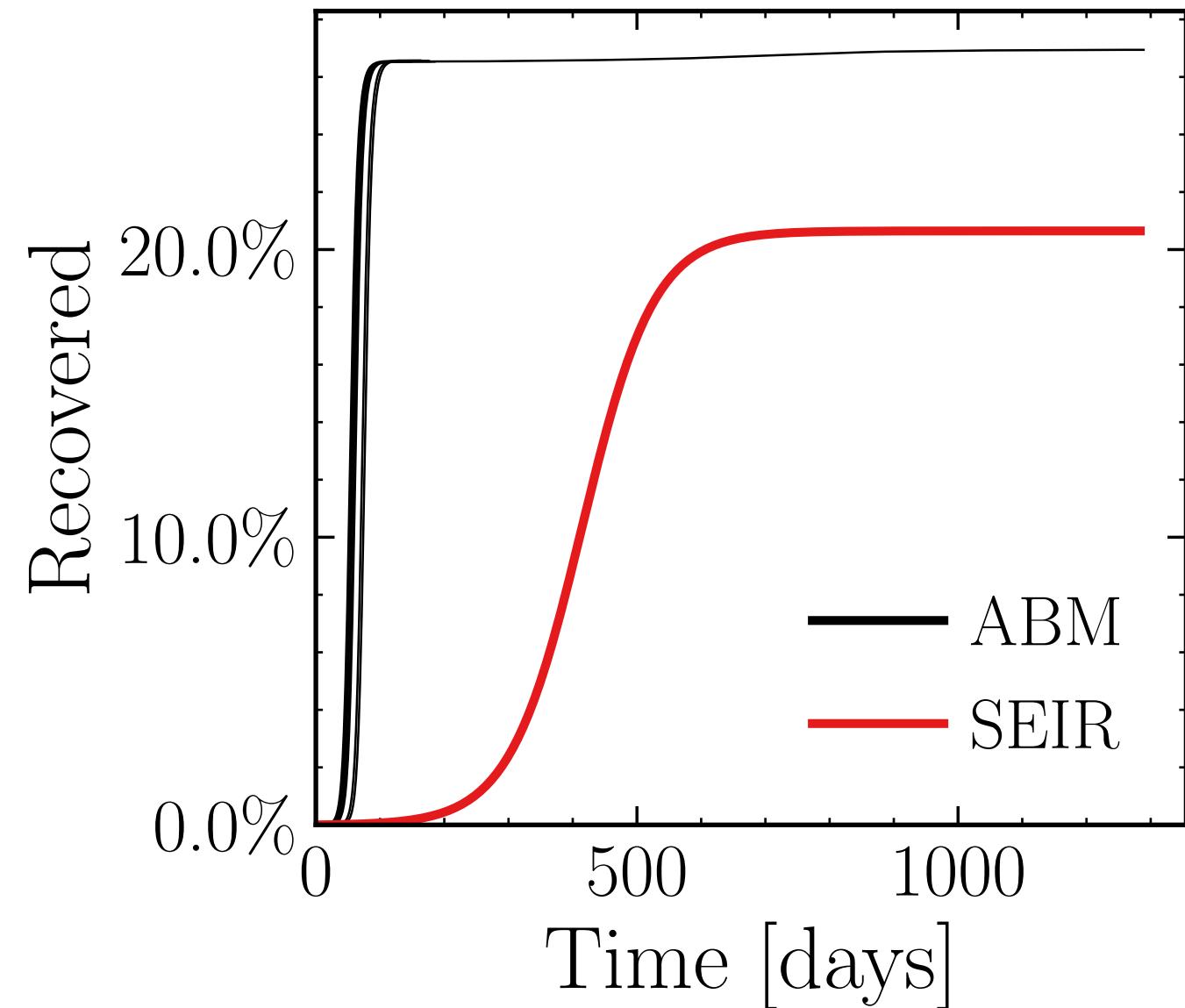
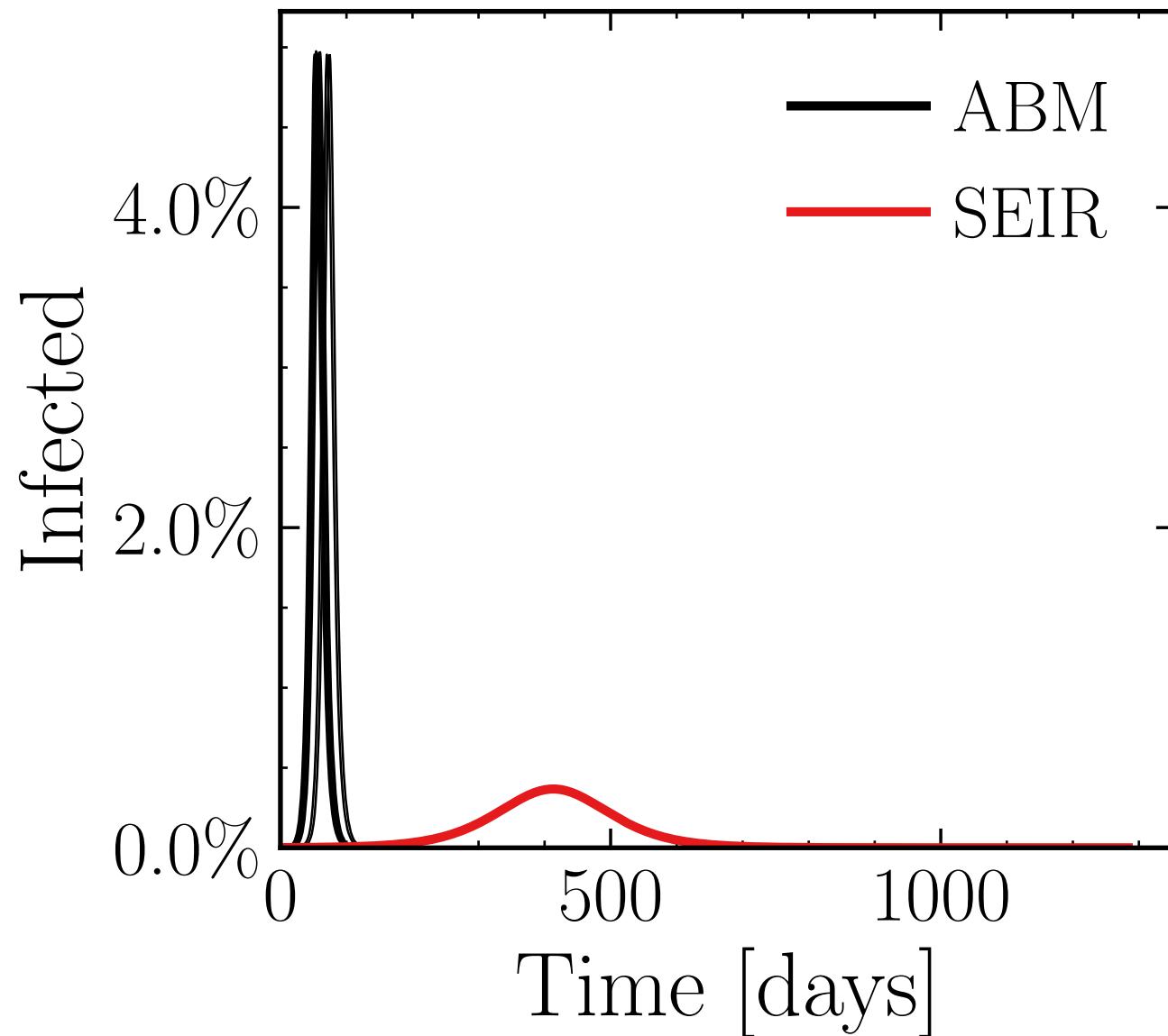
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (200 \pm 2.1e + 01\%) \cdot 10^3$

v. = 1.0, hash = 328dc67188, #10

$R_\infty^{\text{ABM}} = (1.1 \pm 2.1e + 01\%) \cdot 10^6$



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

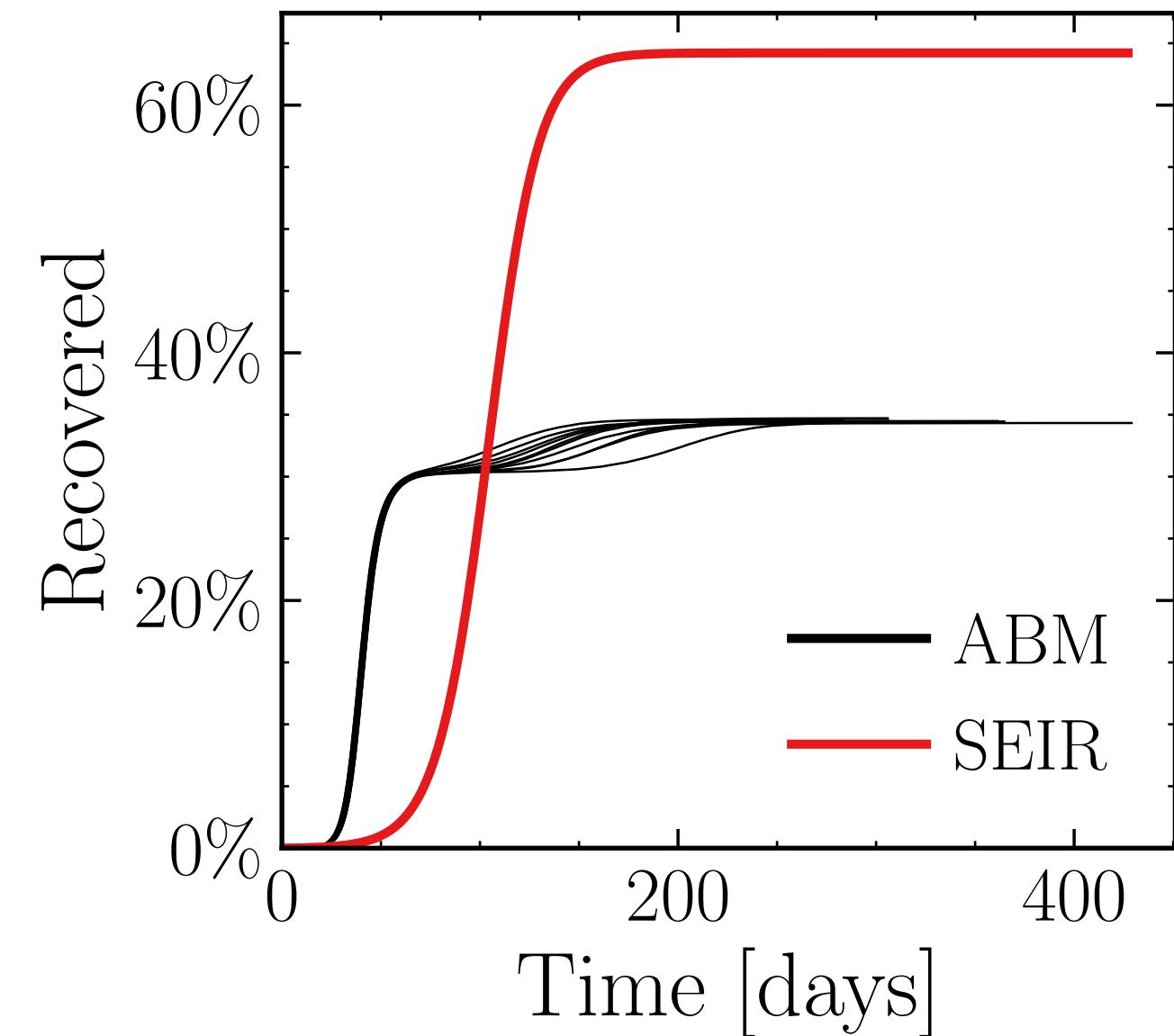
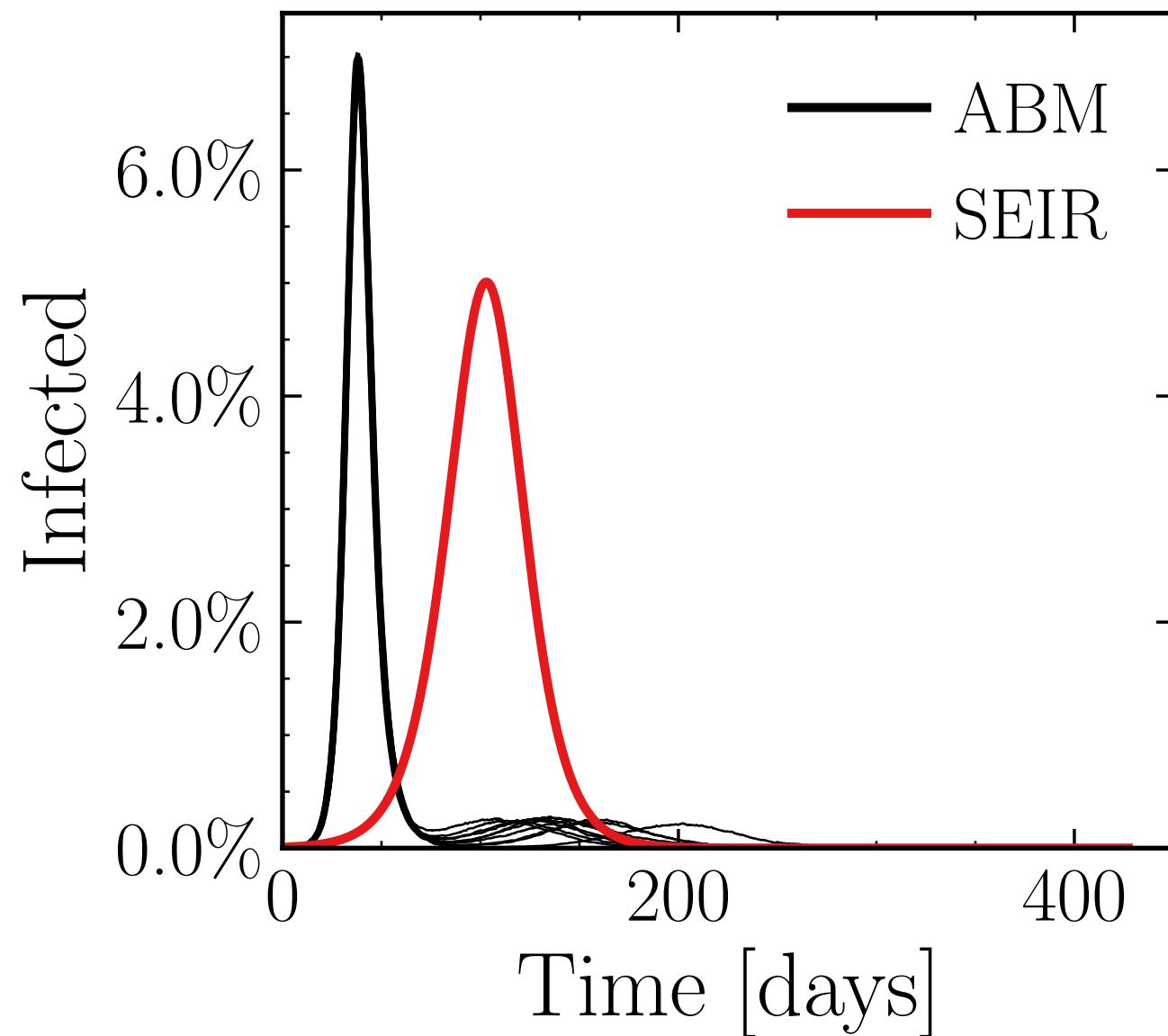
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.49 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 05de40f916, #10

$R_\infty^{\text{ABM}} = (200.1 \pm 0.098\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

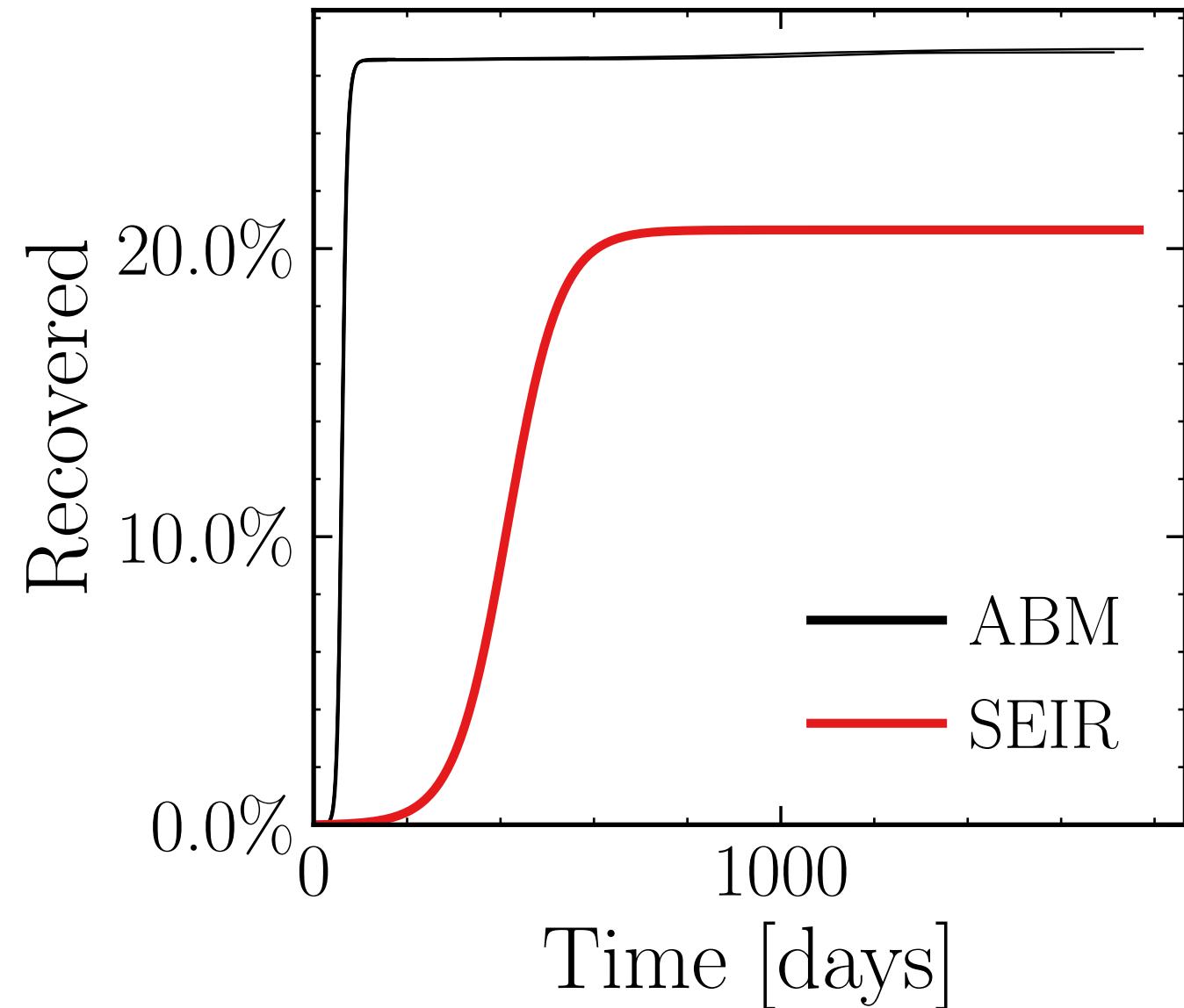
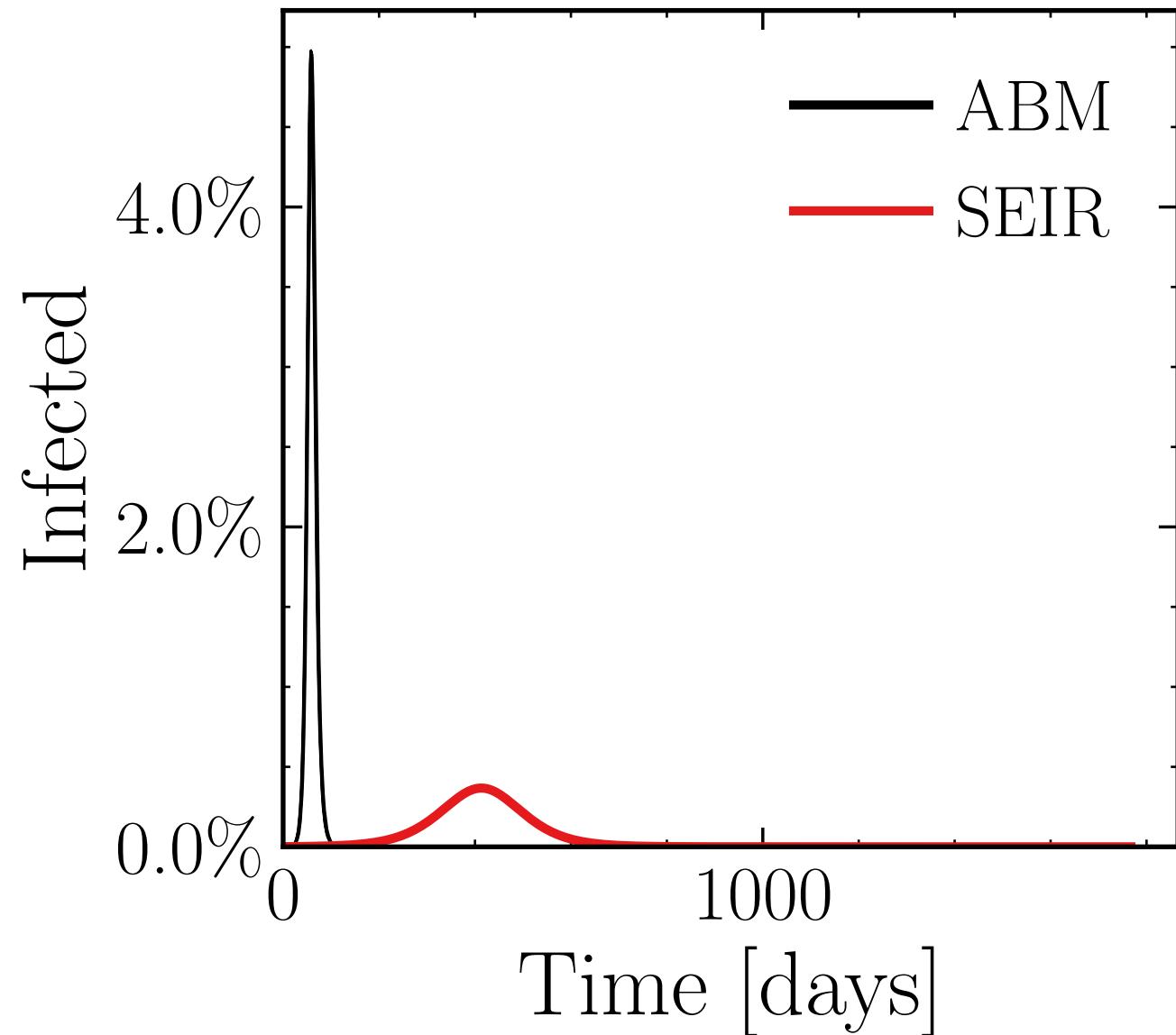
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (287.9 \pm 0.056\%) \cdot 10^3$

v. = 1.0, hash = 53b1d0d4f4, #10

$R_\infty^{\text{ABM}} = (1.544 \pm 0.15\%) \cdot 10^6$



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

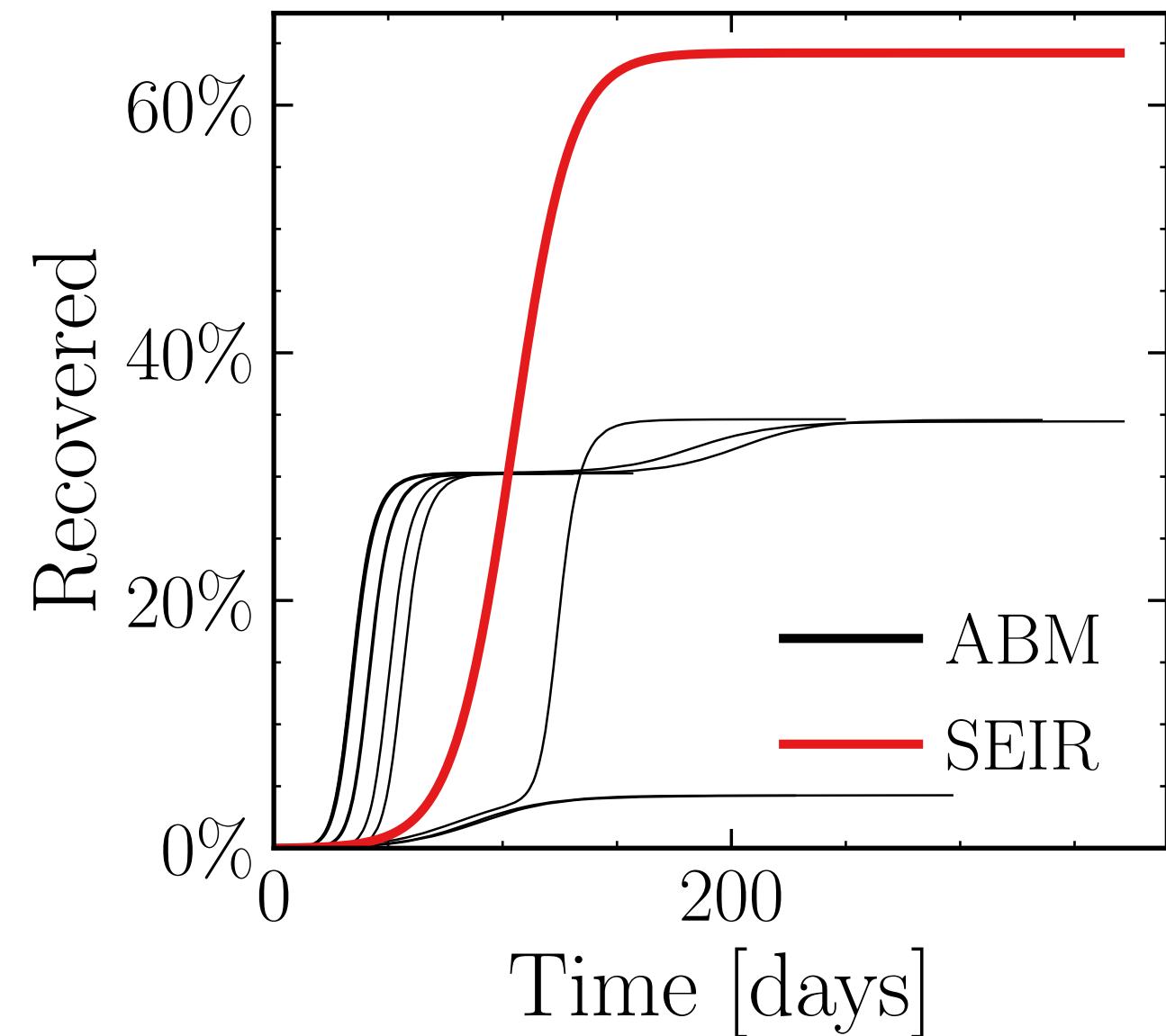
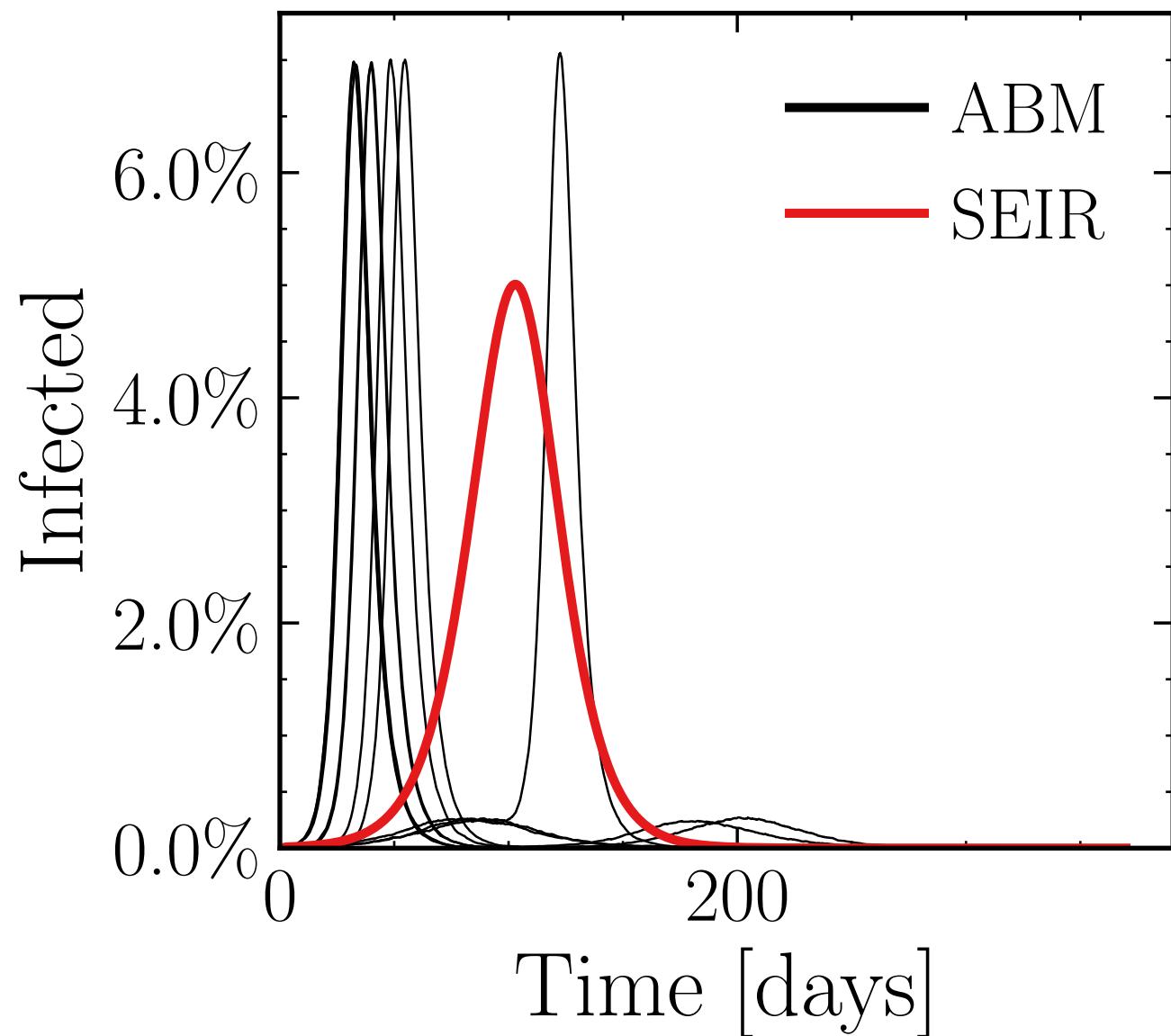
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (33 \pm 1.5e + 01\%) \cdot 10^3$

v. = 1.0, hash = db8792e586, #10

$R_{\infty}^{\text{ABM}} = (150 \pm 1.3e + 01\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

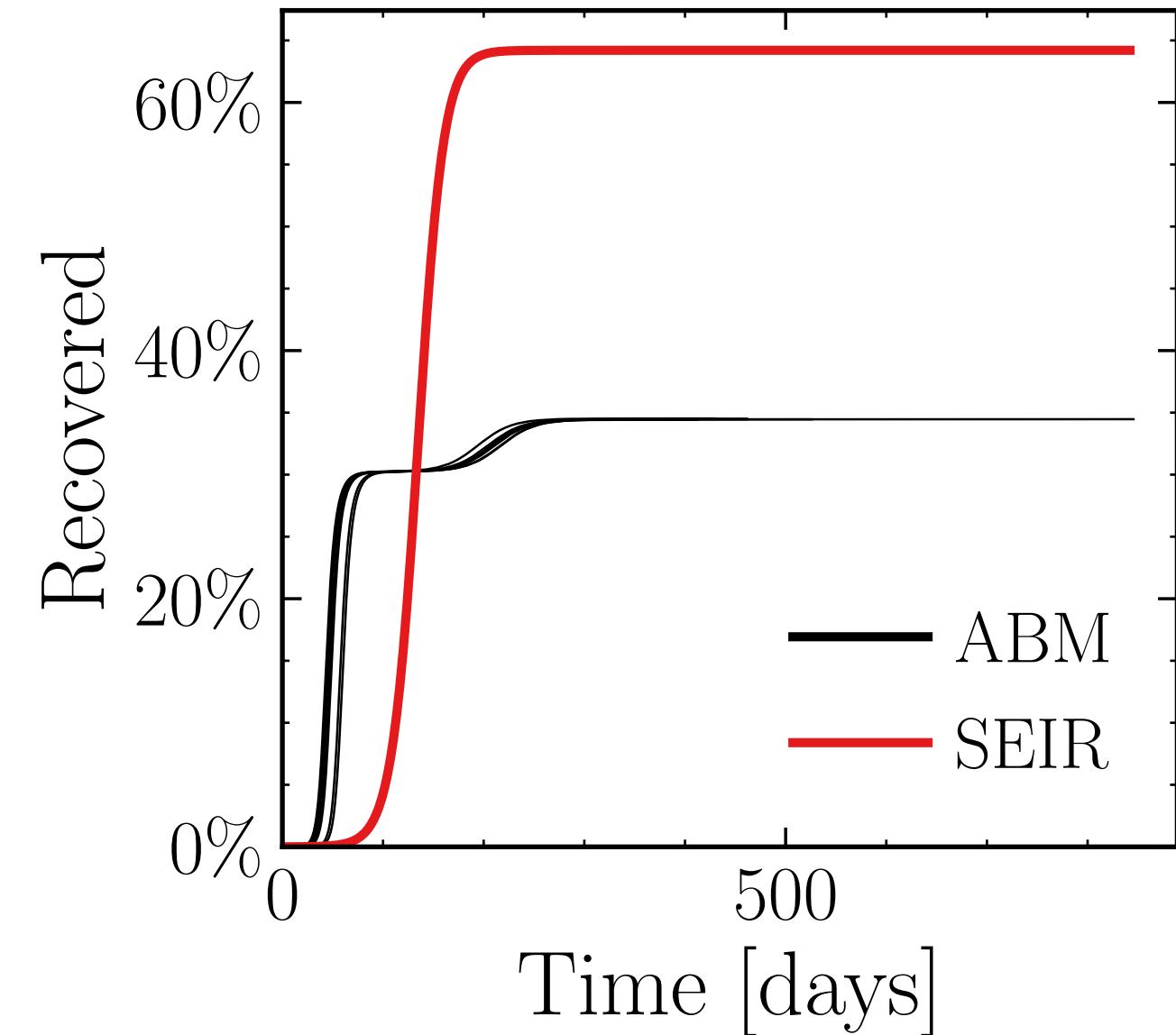
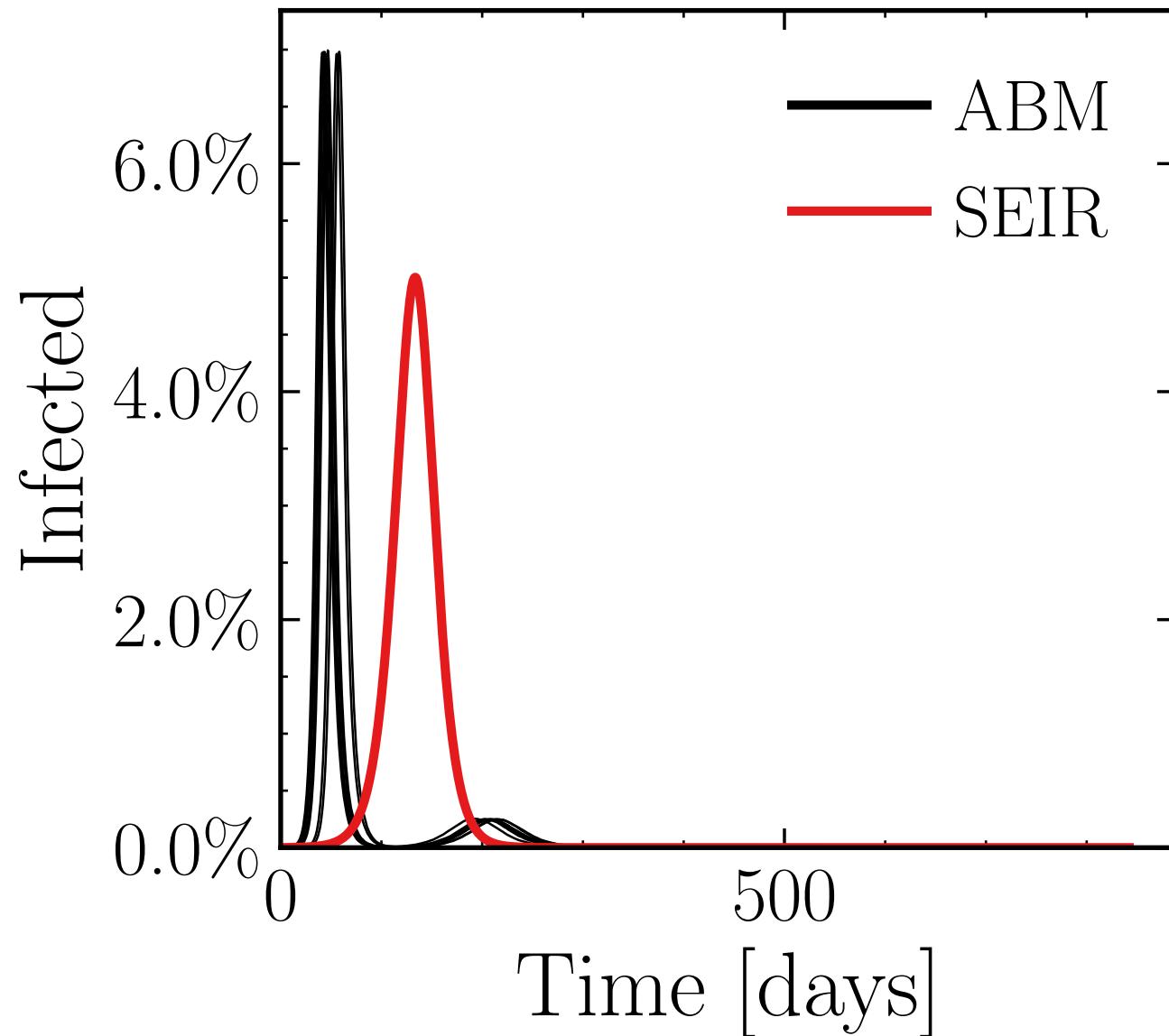
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (280 \pm 2.1e + 01\%) \cdot 10^3$

v. = 1.0, hash = ffe480f2a0, #10

$R_\infty^{\text{ABM}} = (1.4 \pm 2.1e + 01\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

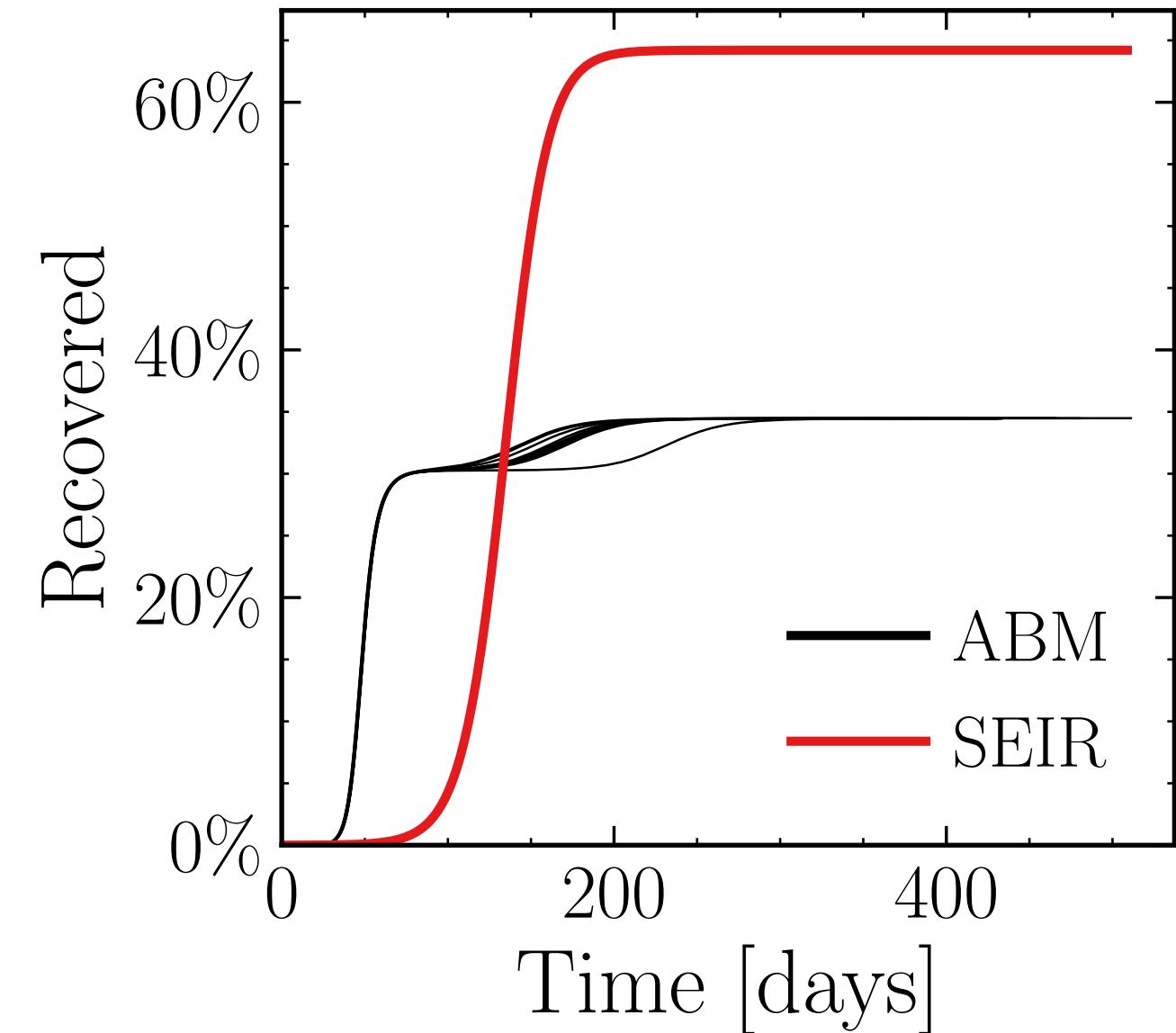
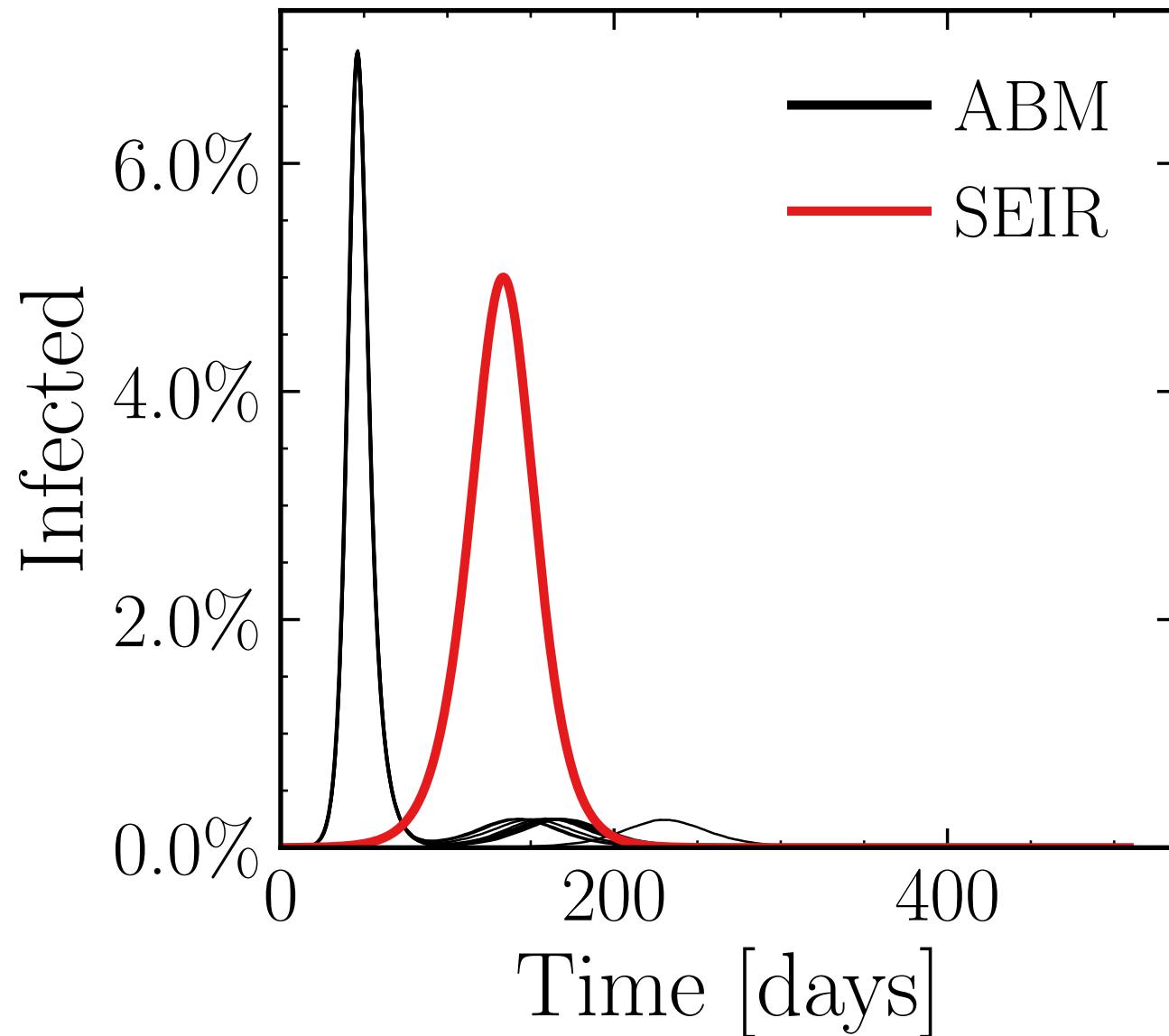
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (404.6 \pm 0.049\%) \cdot 10^3$

v. = 1.0, hash = db2749064f, #10

$R_\infty^{\text{ABM}} = (1.9992 \pm 0.021\%) \cdot 10^6$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

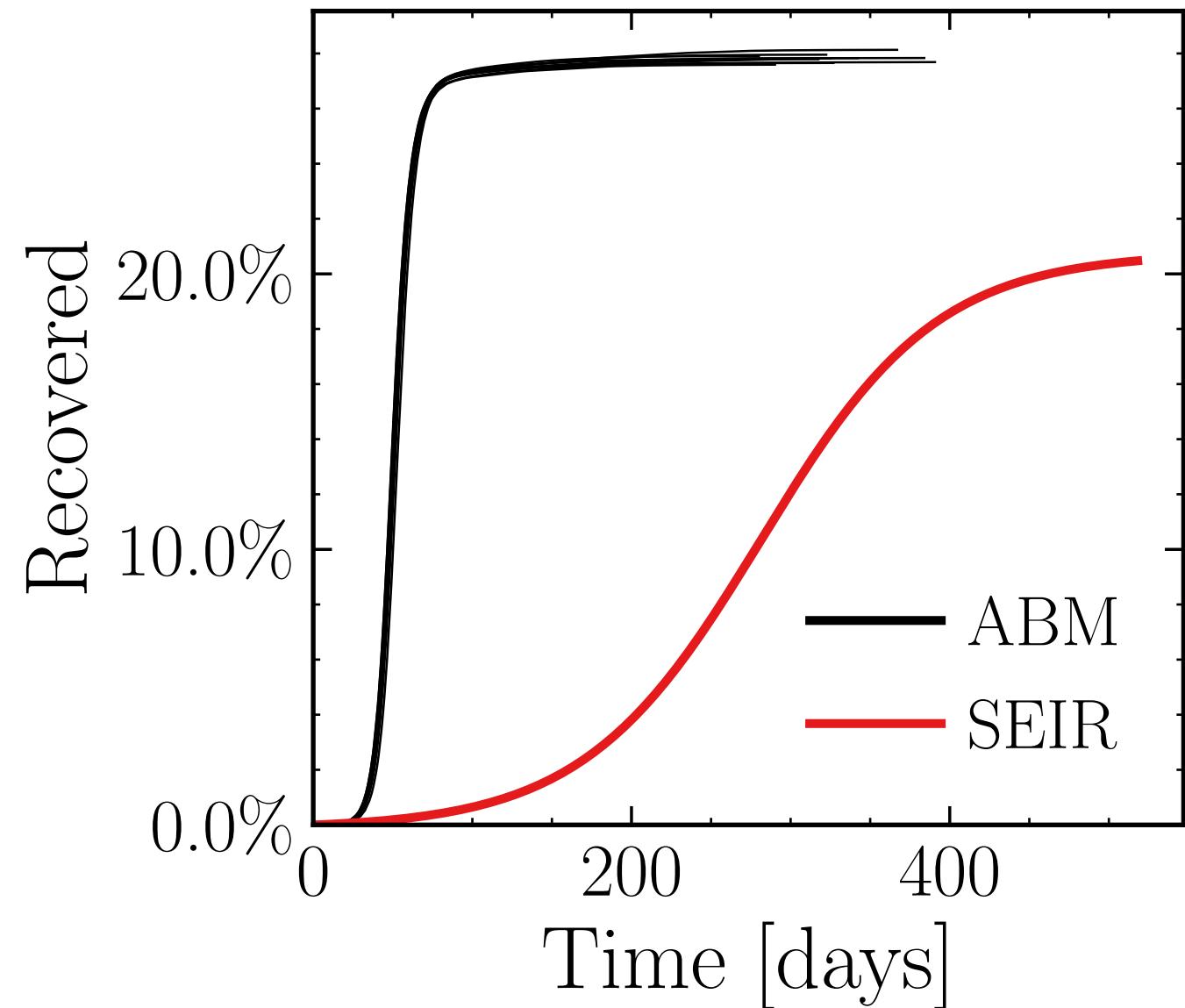
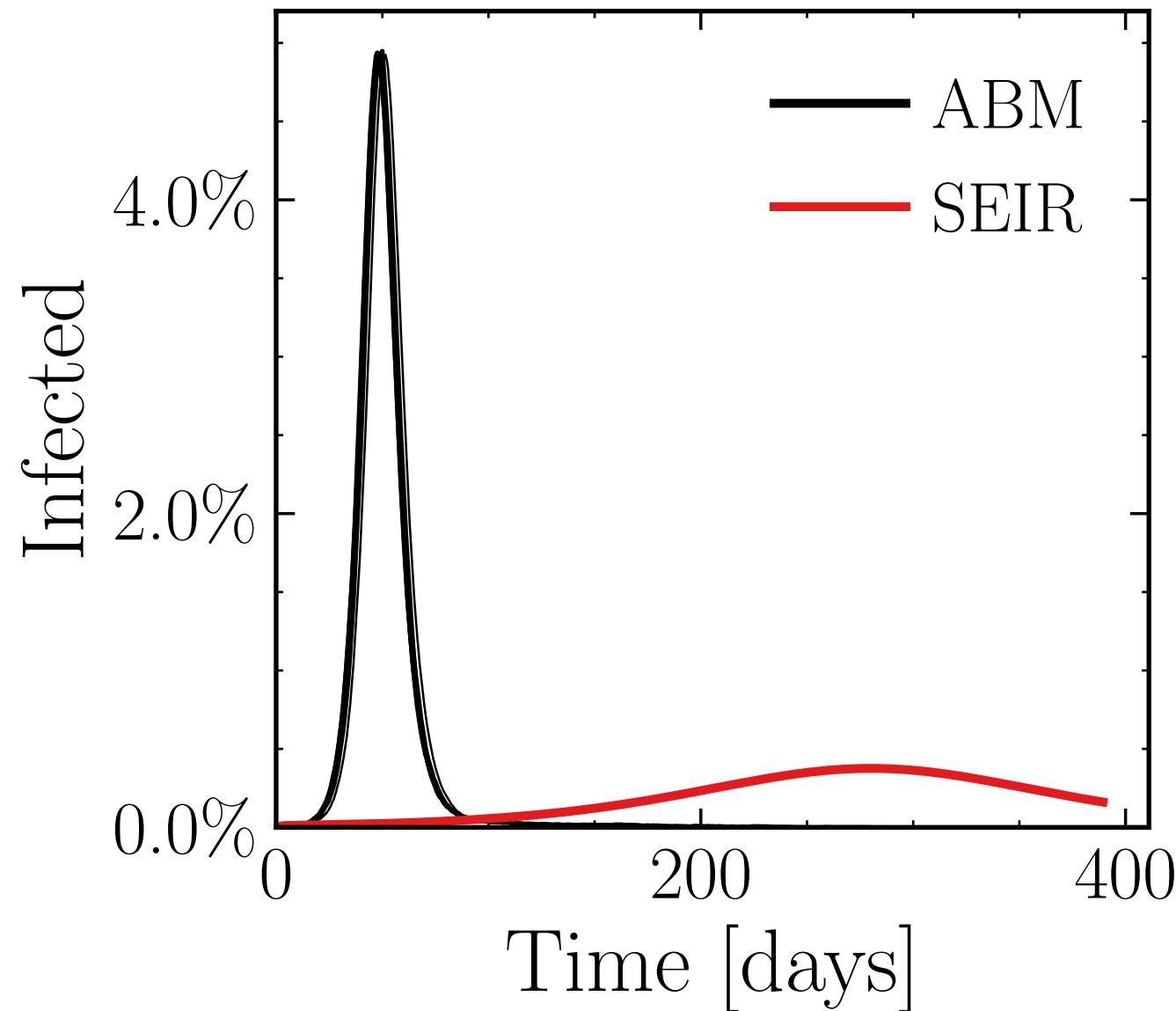
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (28.6 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 958bc1a031, #10

$R_\infty^{\text{ABM}} = (161.4 \pm 0.17\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

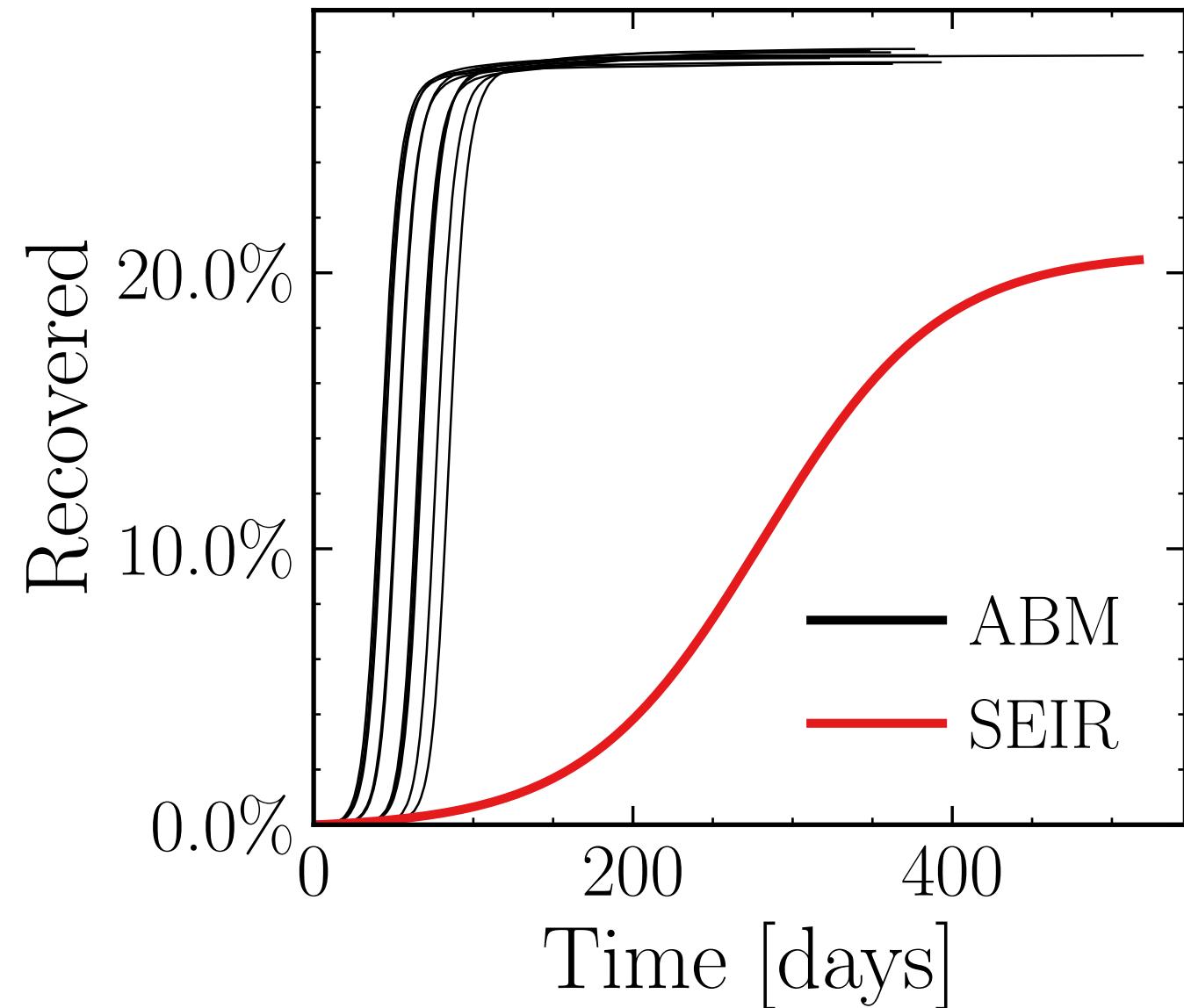
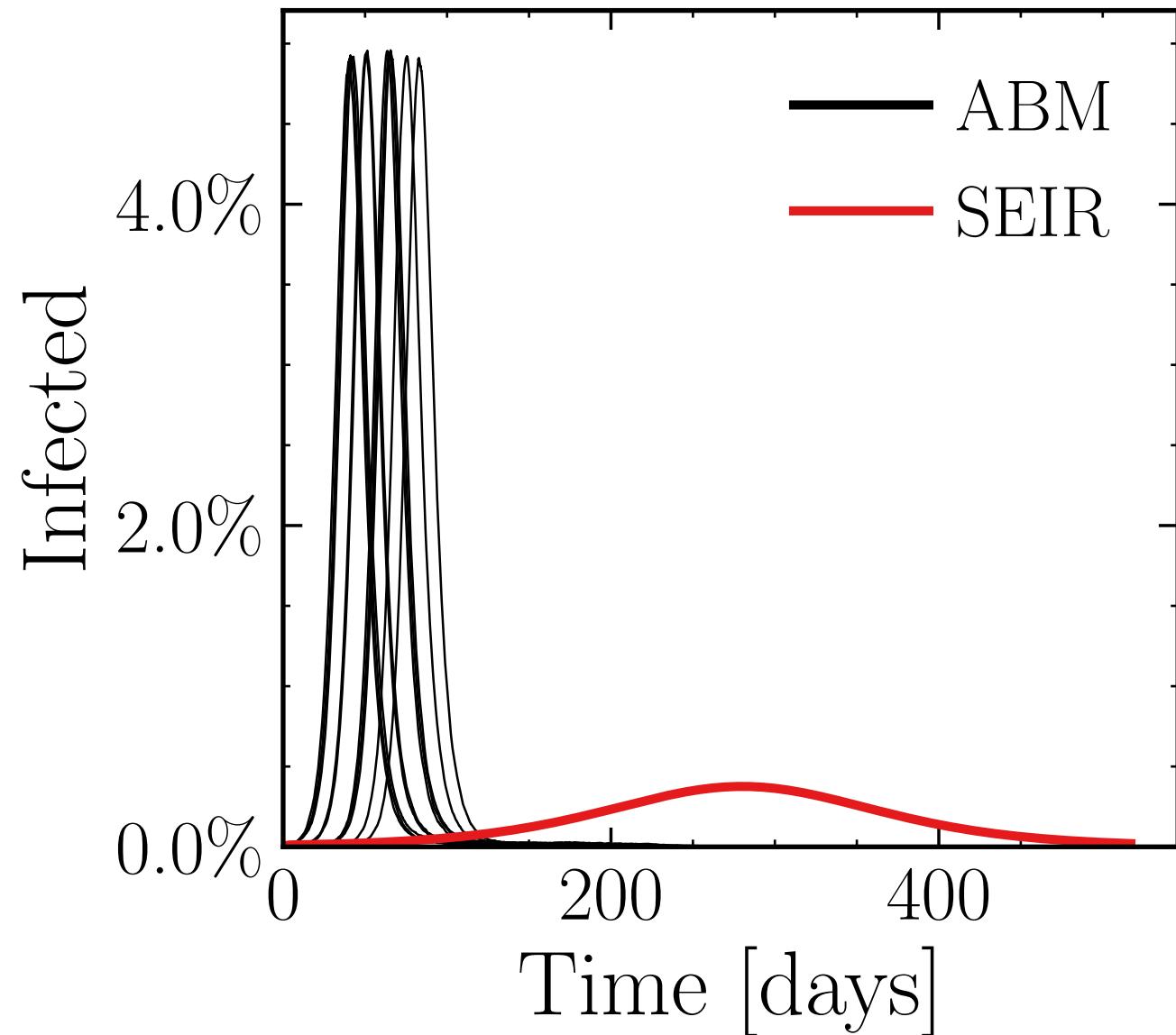
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (28.61 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = d639a9e187, #10

$R_\infty^{\text{ABM}} = (161.6 \pm 0.18\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

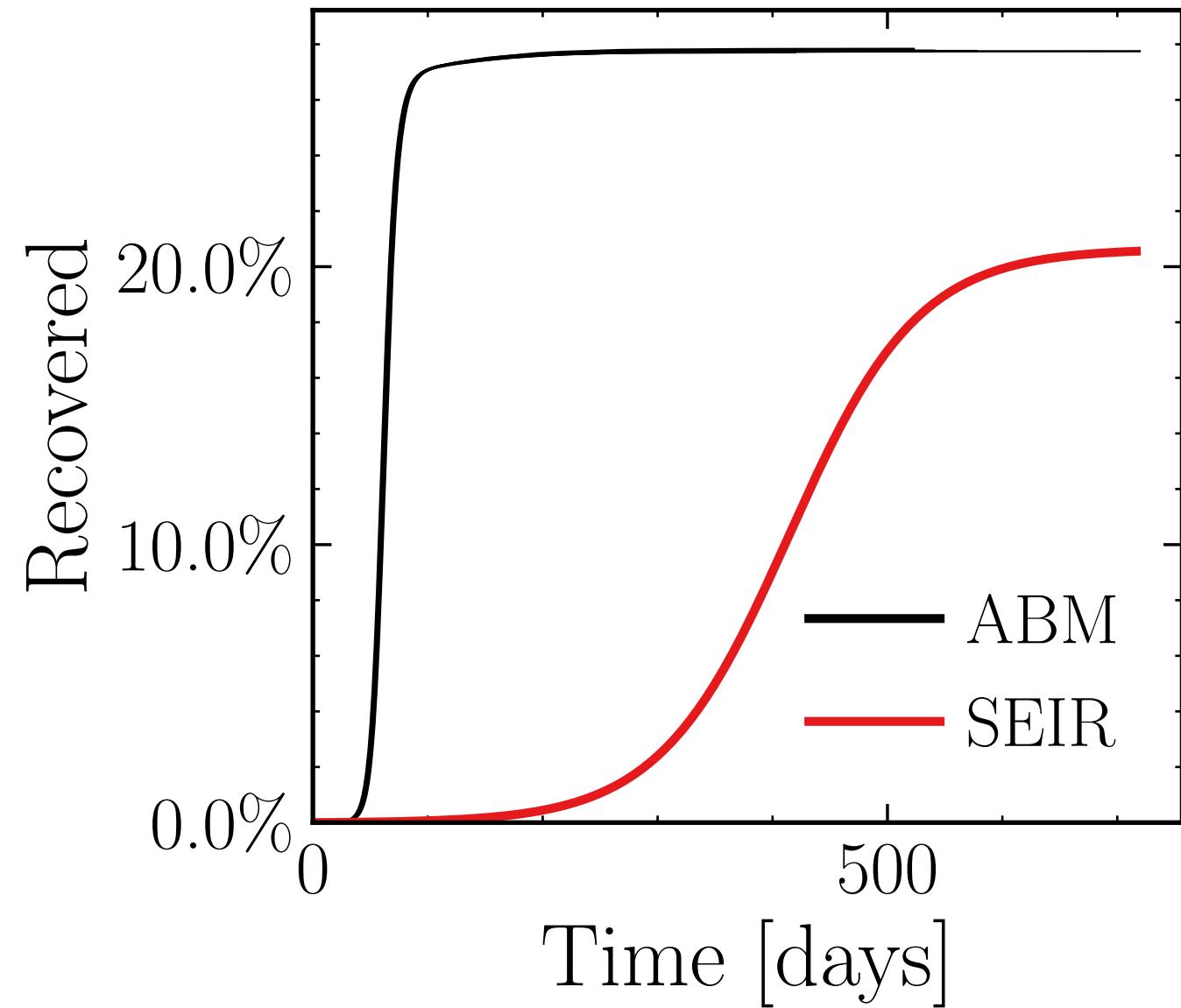
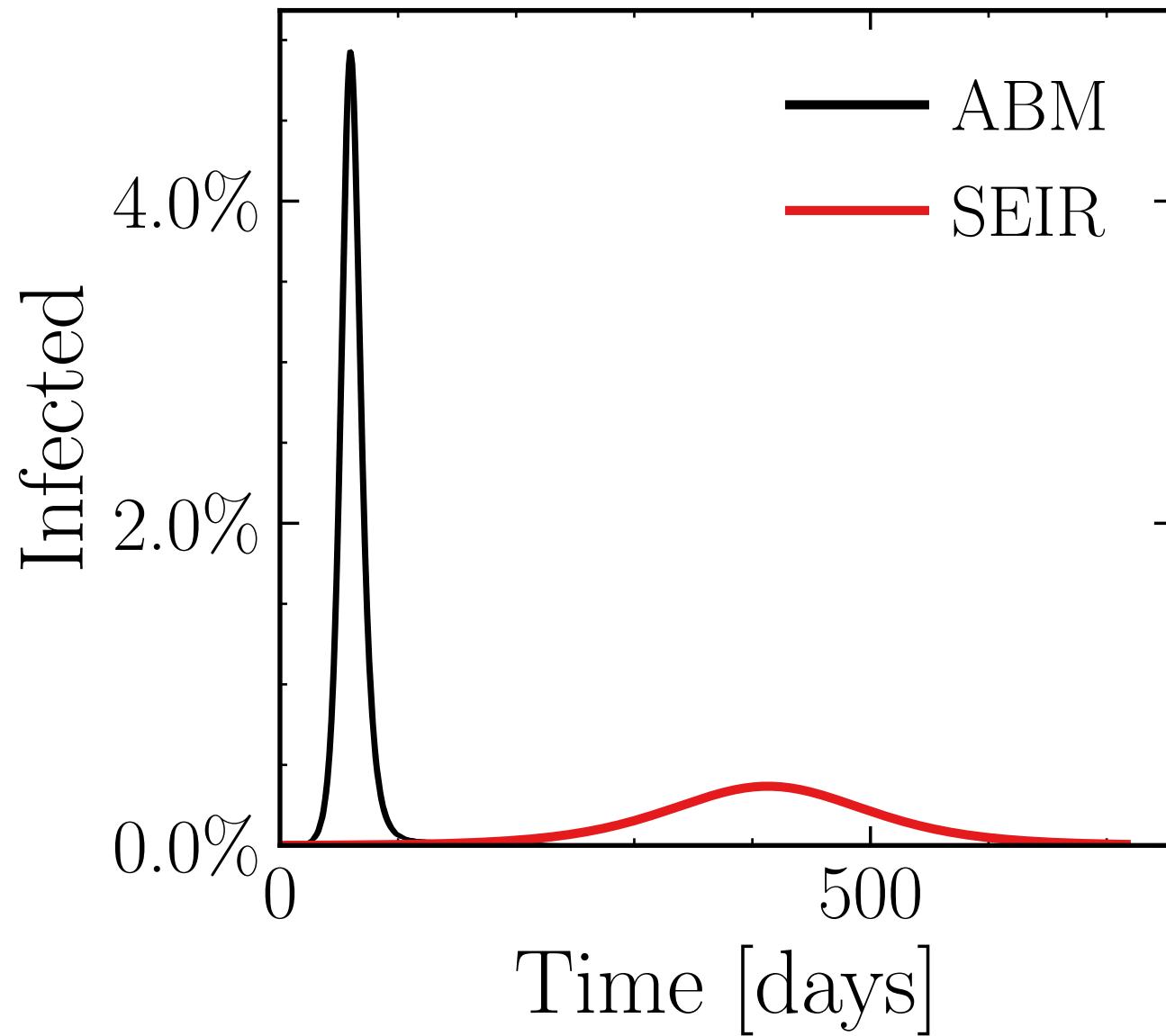
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (285.8 \pm 0.046\%) \cdot 10^3$

v. = 1.0, hash = 876d0ddd7f, #10

$R_\infty^{\text{ABM}} = (1.6101 \pm 0.035\%) \cdot 10^6$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

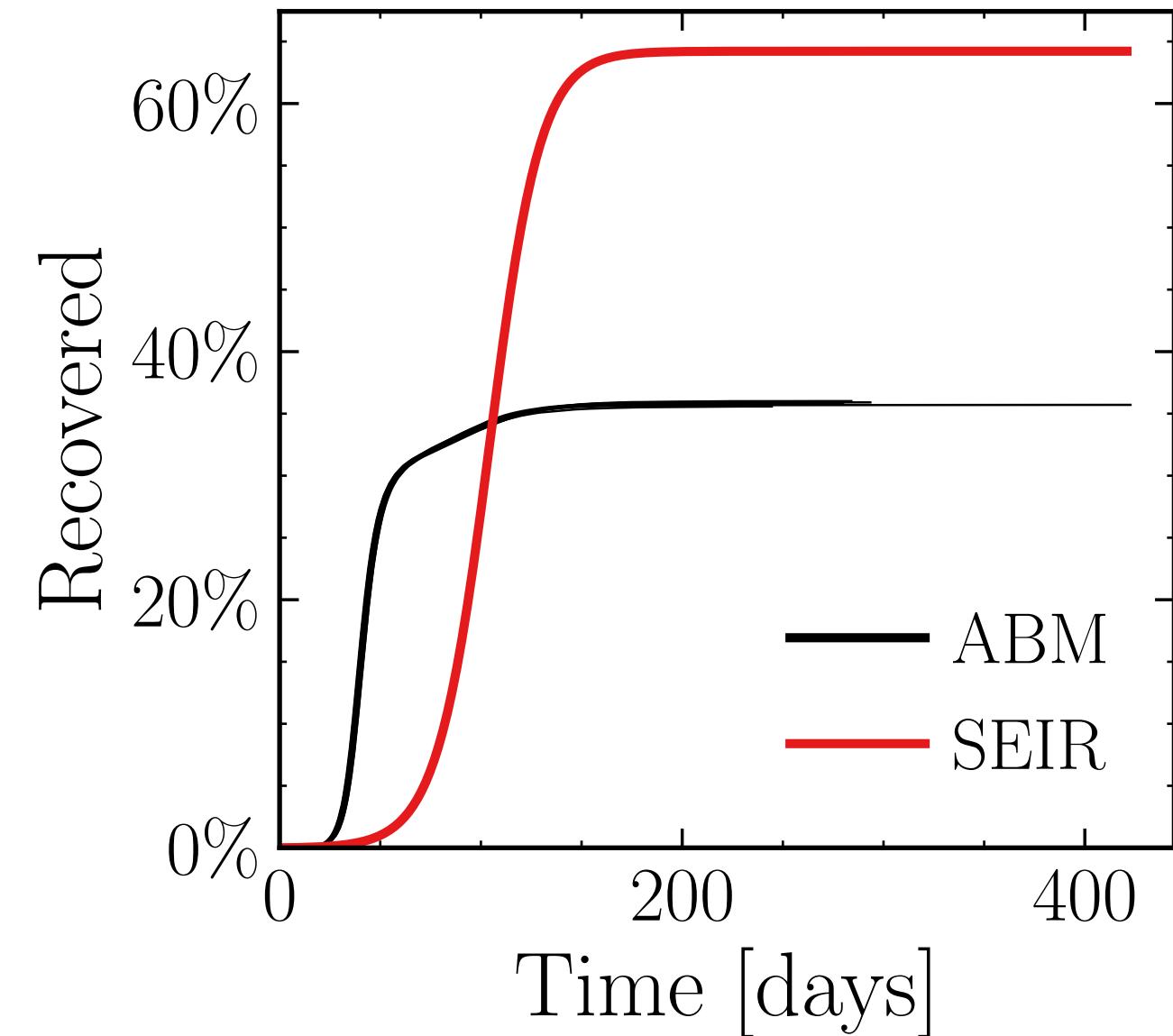
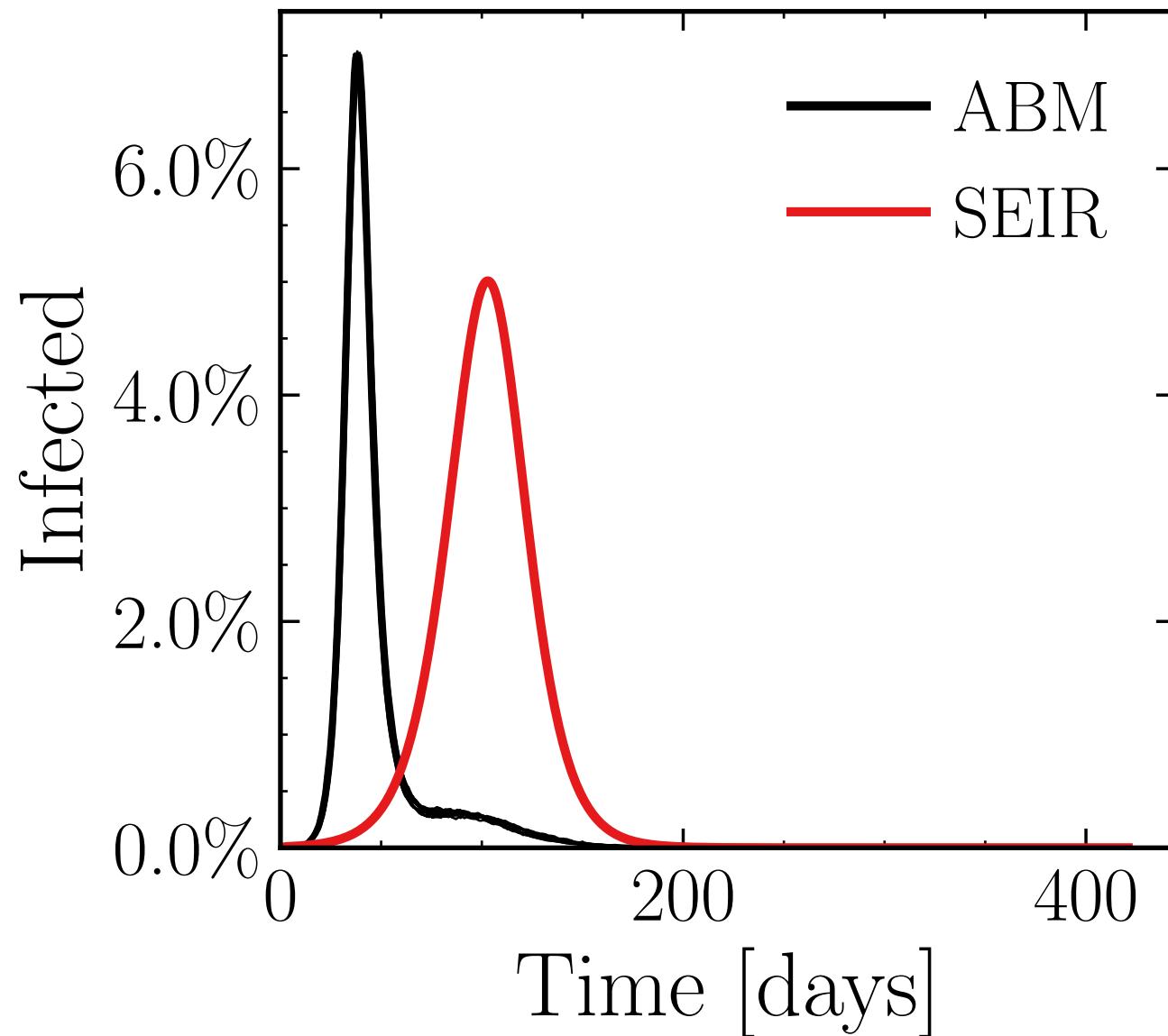
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.57 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 0fb2ece790, #10

$R_{\infty}^{\text{ABM}} = (207.9 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

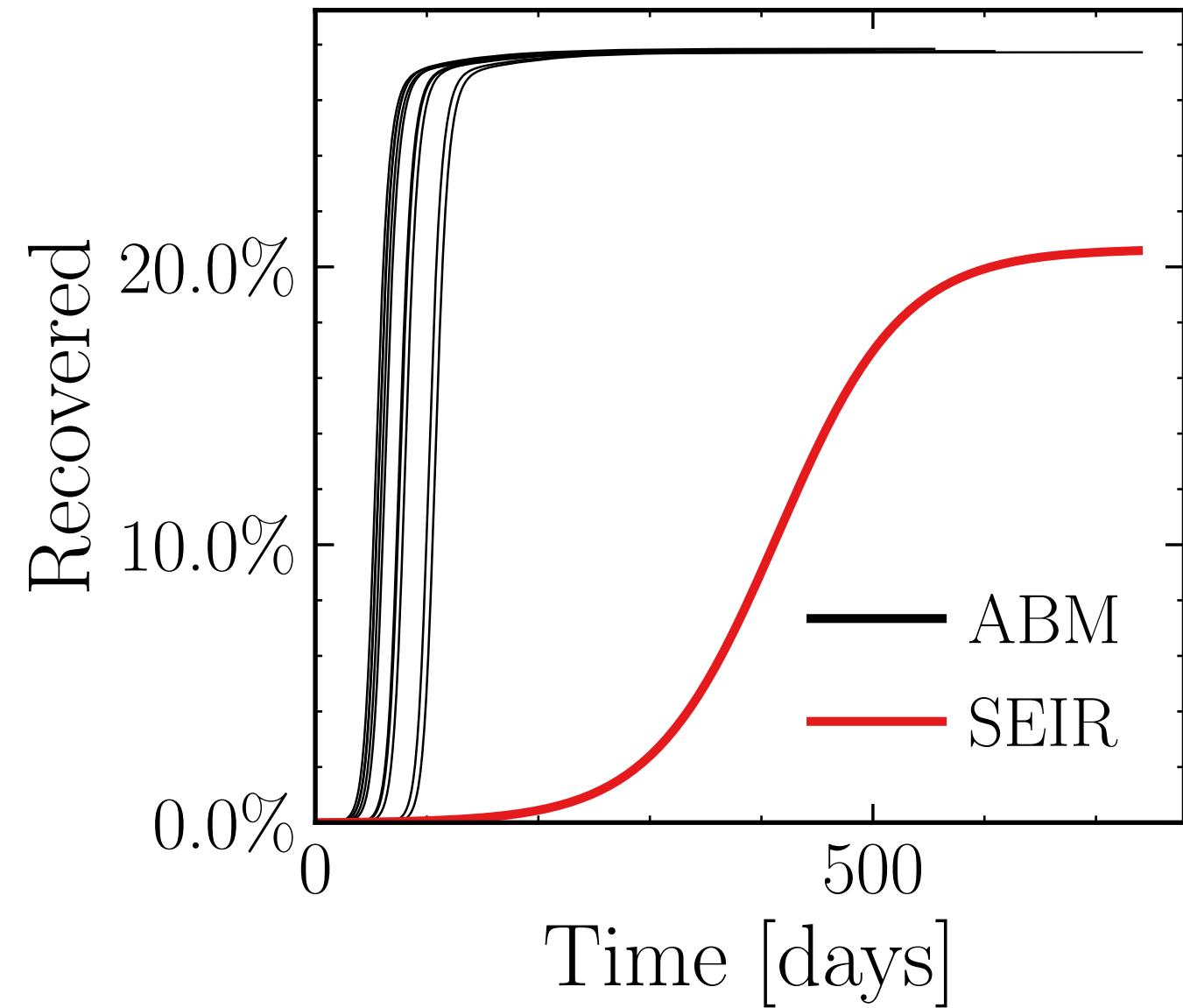
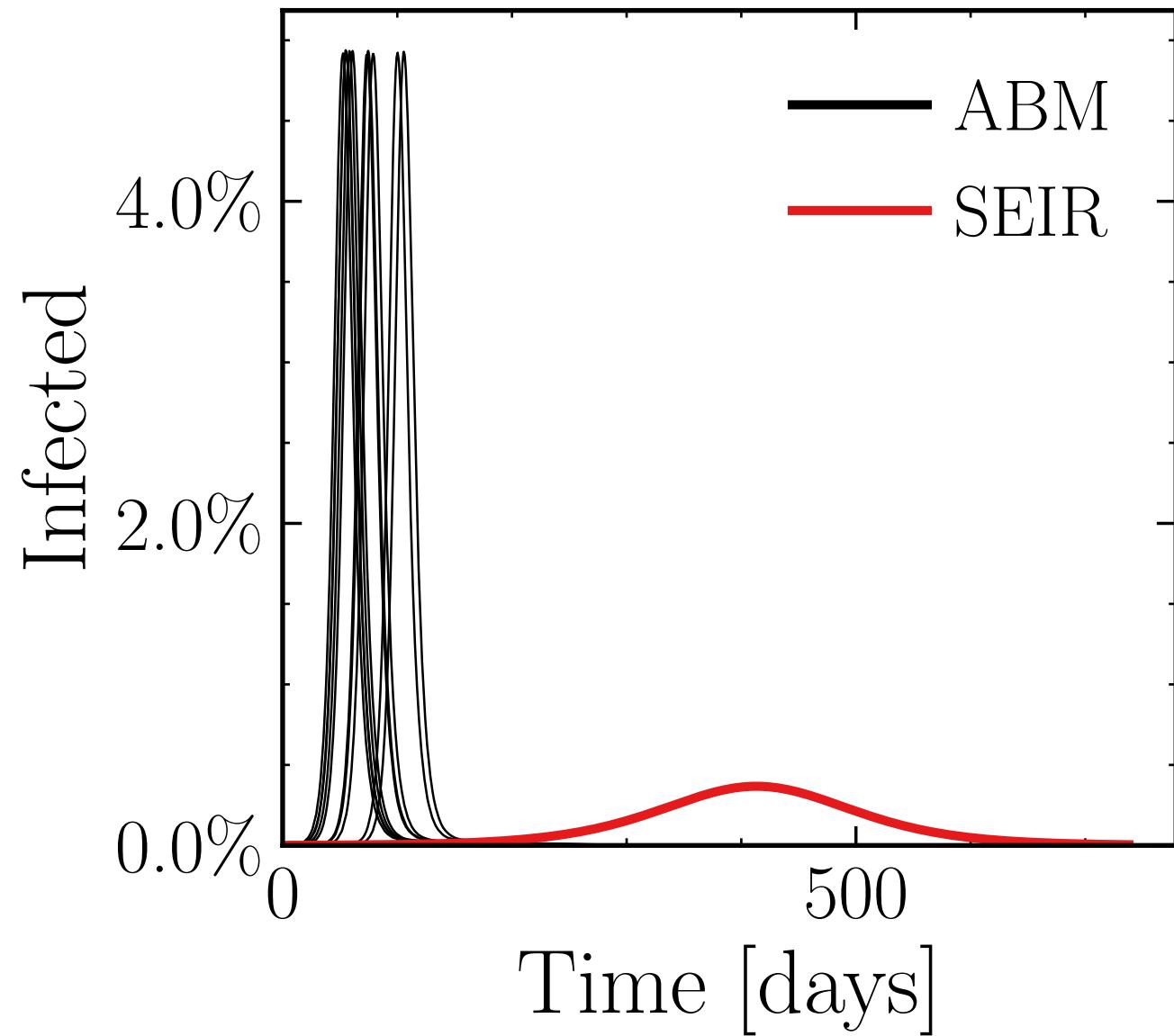
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (285.7 \pm 0.056\%) \cdot 10^3$

v. = 1.0, hash = 15f90bac0b, #10

$R_\infty^{\text{ABM}} = (1.6106 \pm 0.043\%) \cdot 10^6$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

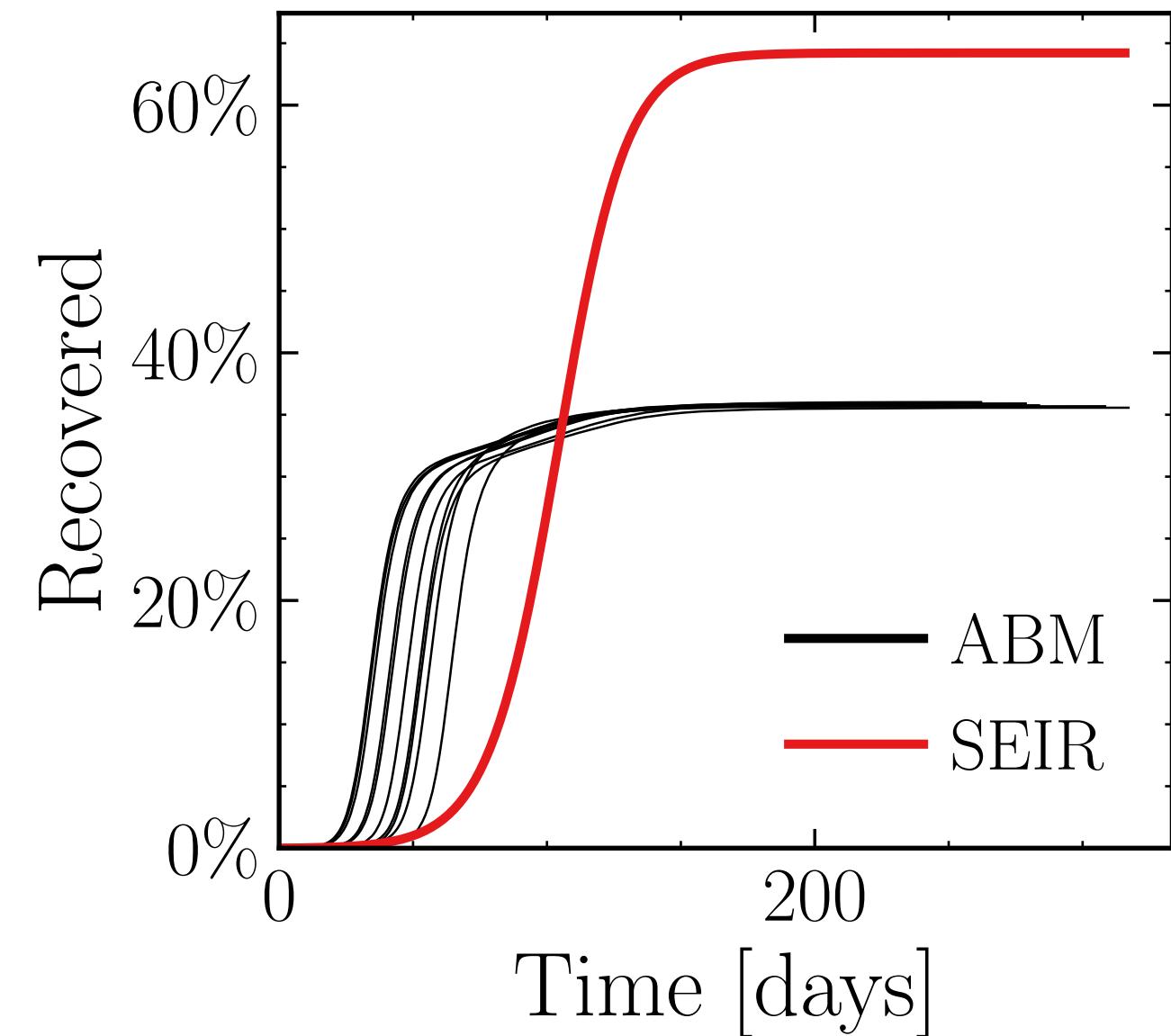
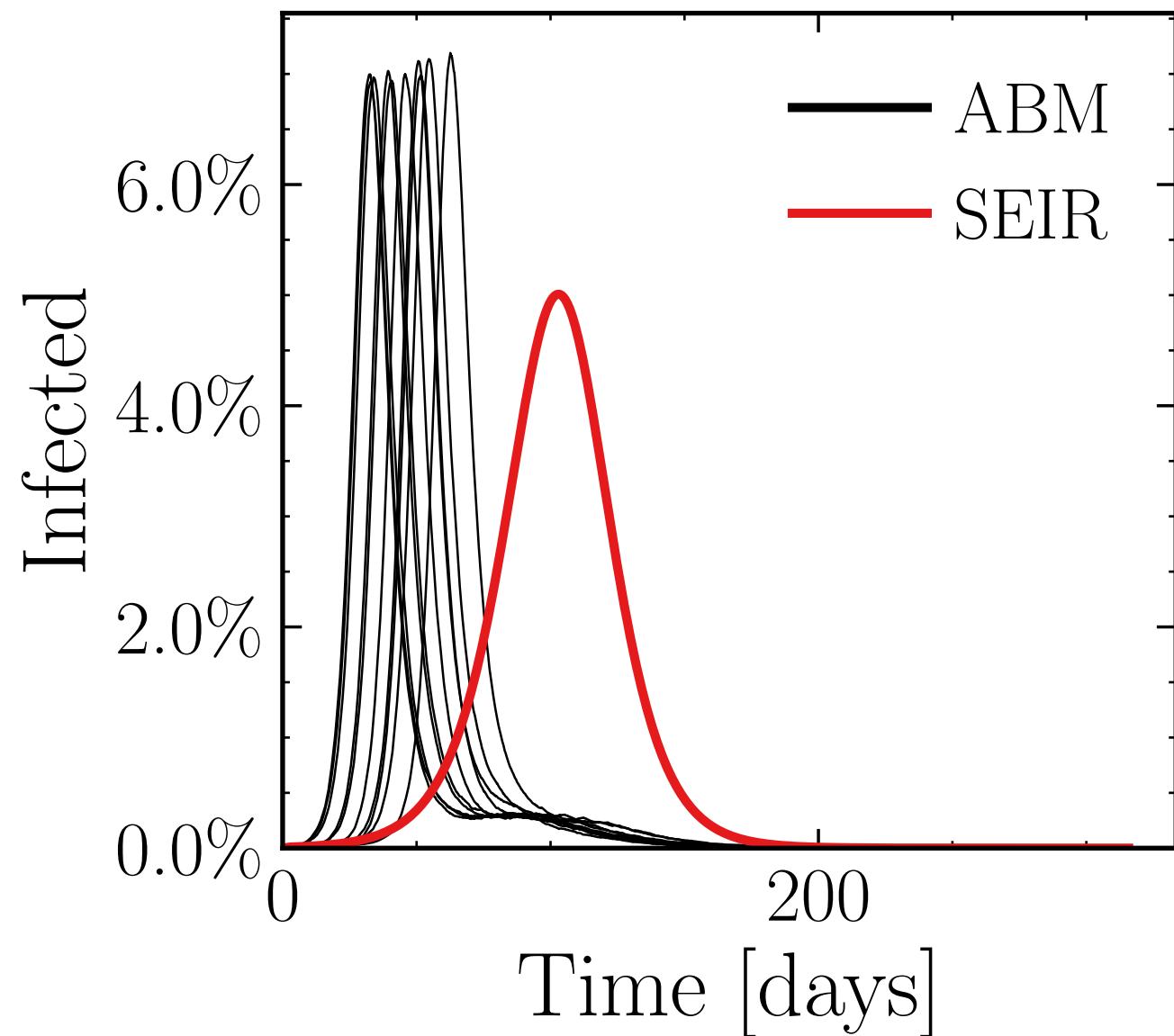
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.8 \pm 0.38\%) \cdot 10^3$

v. = 1.0, hash = 474839f93c, #10

$R_\infty^{\text{ABM}} = (207.8 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

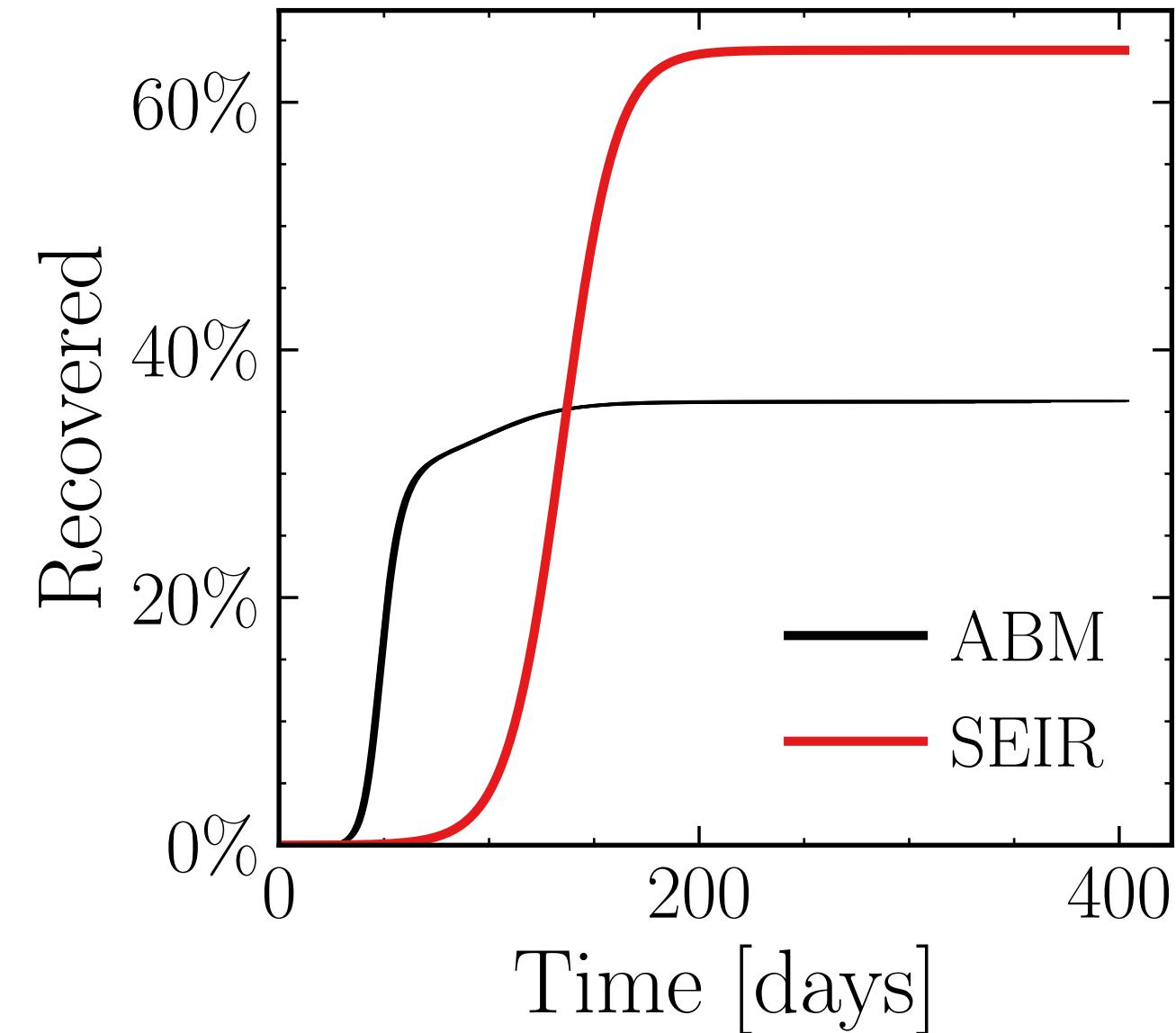
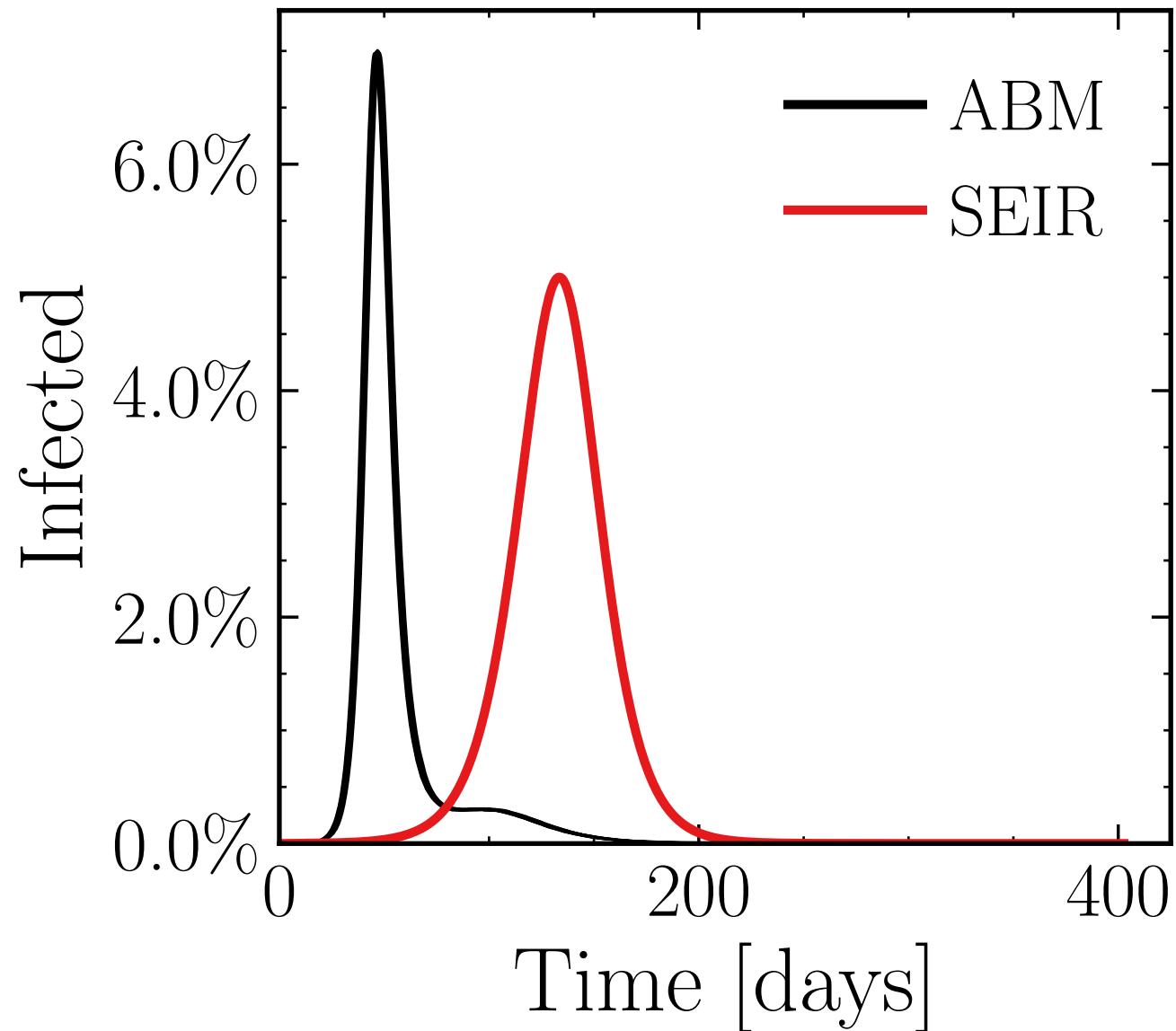
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (405.4 \pm 0.038\%) \cdot 10^3$

v. = 1.0, hash = 0a6e31642e, #10

$R_\infty^{\text{ABM}} = (2.077 \pm 0.034\%) \cdot 10^6$



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

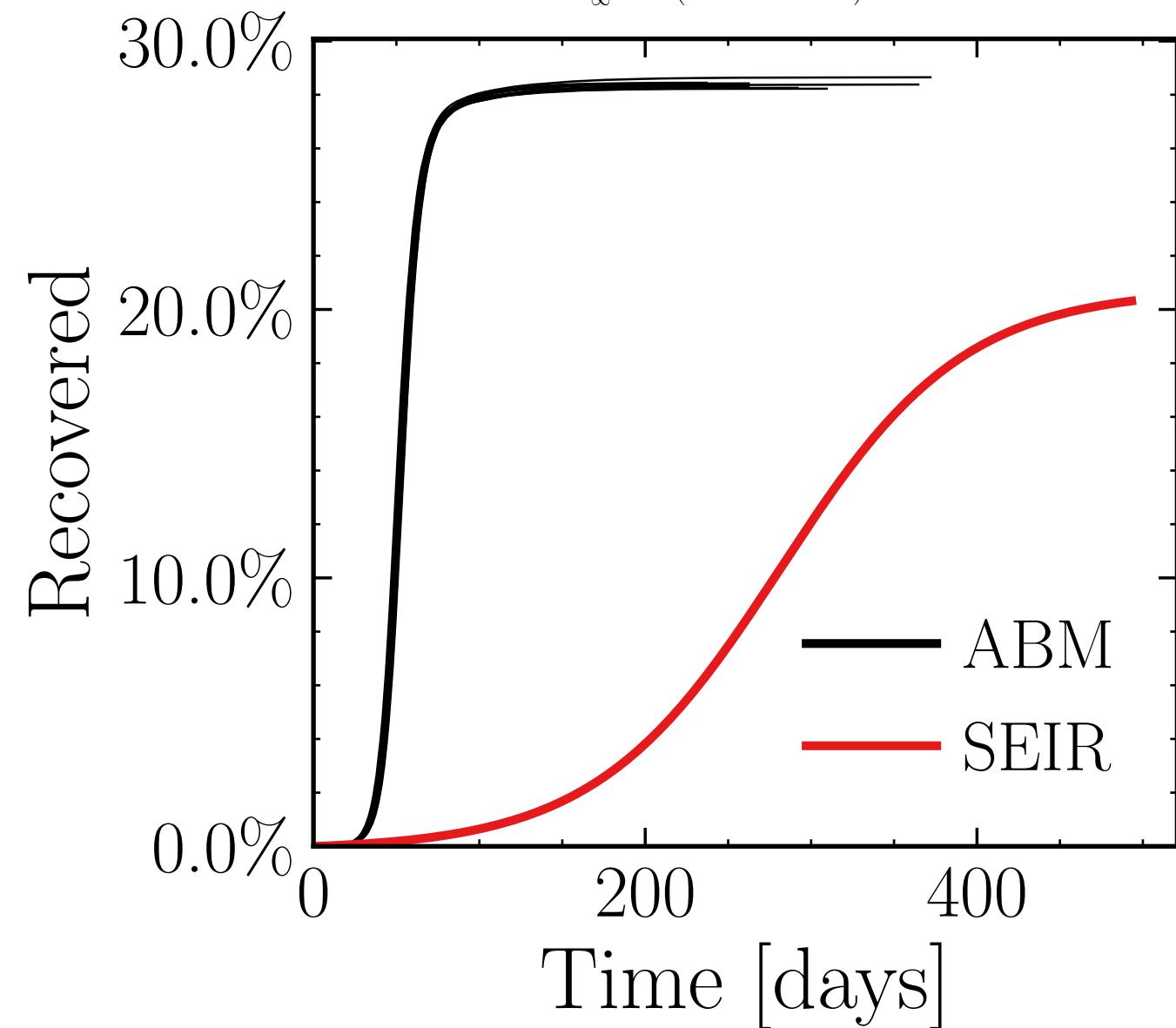
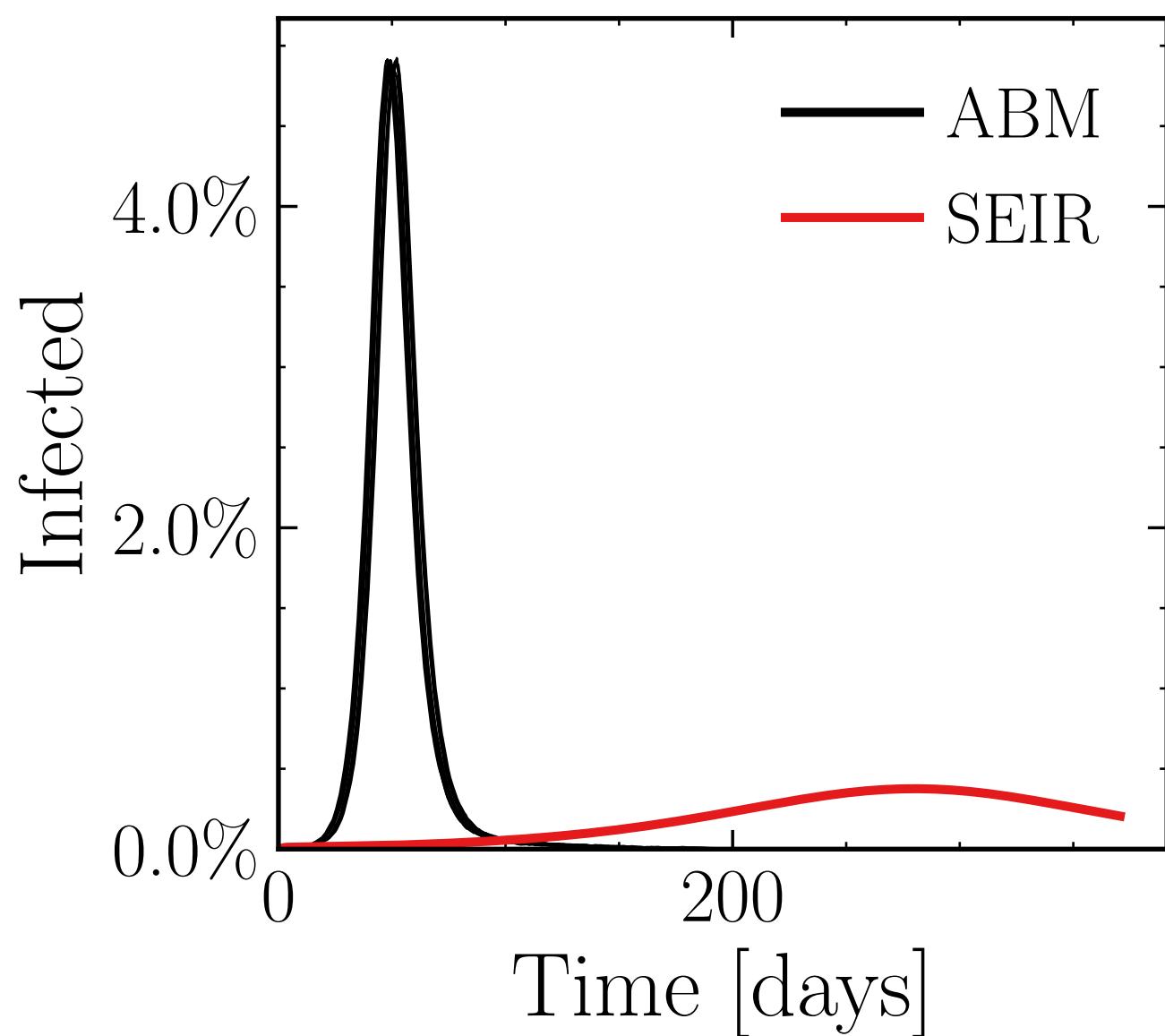
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 022b0b3fee, #10

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



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

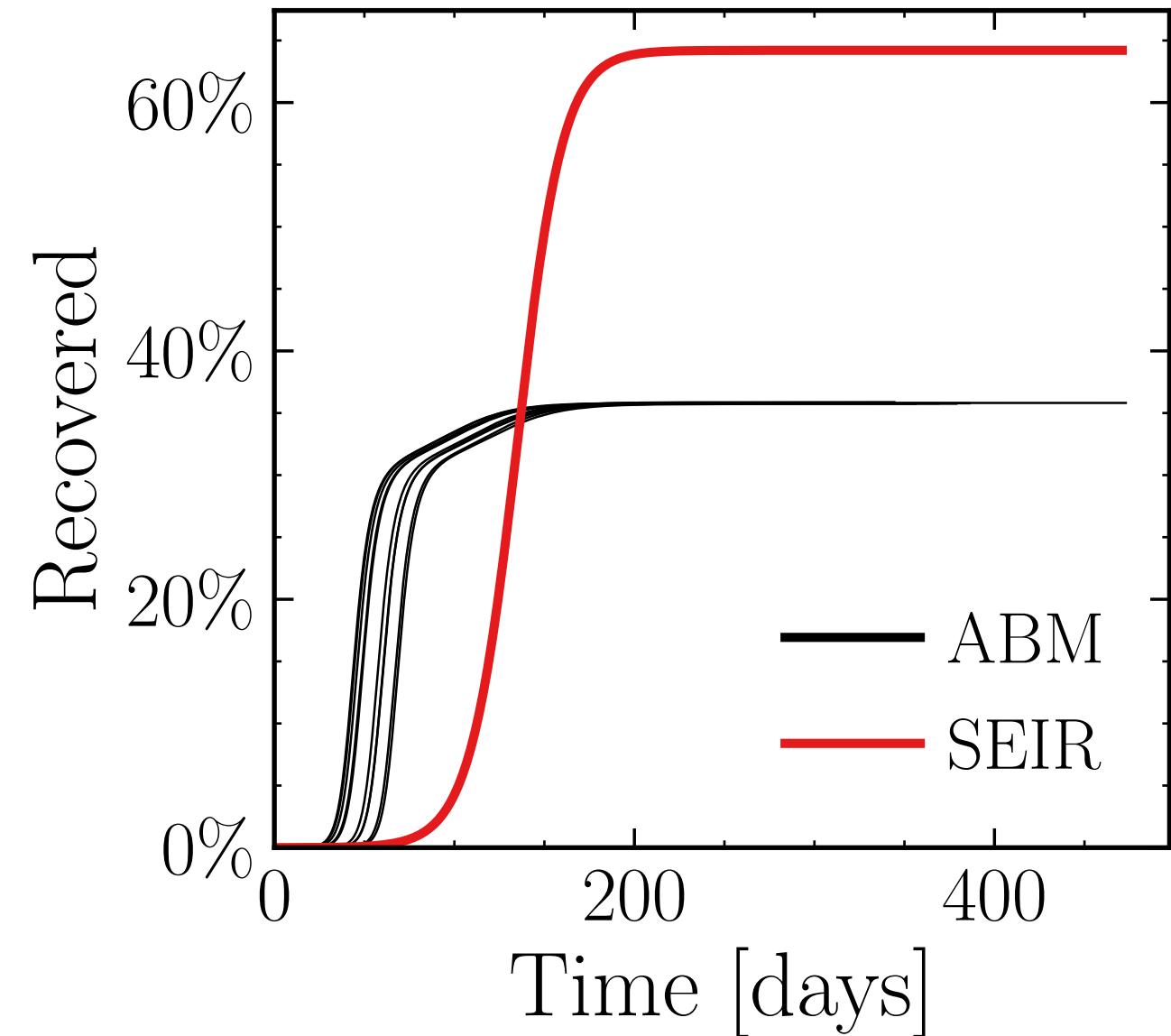
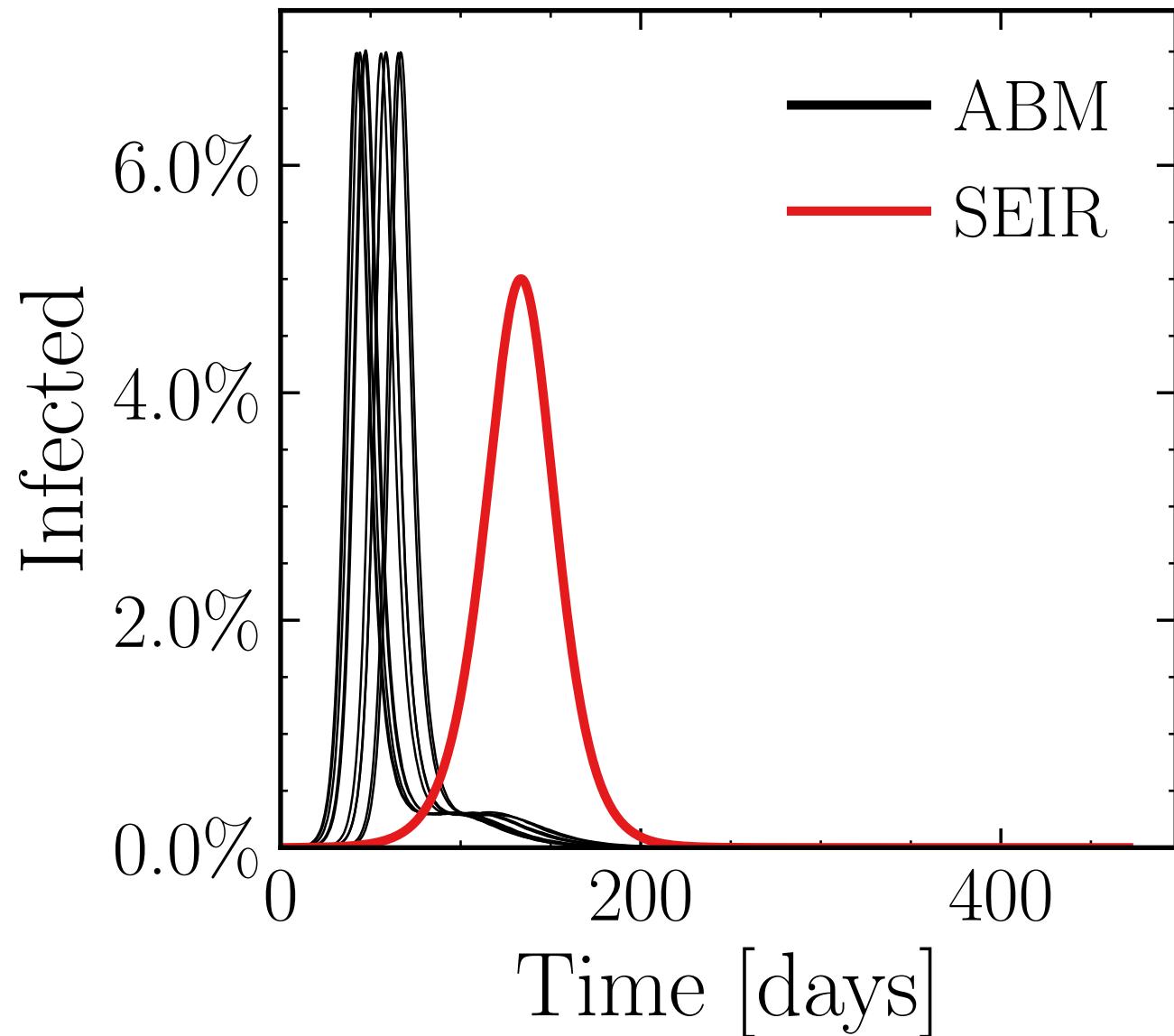
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (405.4 \pm 0.04\%) \cdot 10^3$

v. = 1.0, hash = c008776e6f, #10

$R_\infty^{\text{ABM}} = (2.0764 \pm 0.033\%) \cdot 10^6$



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

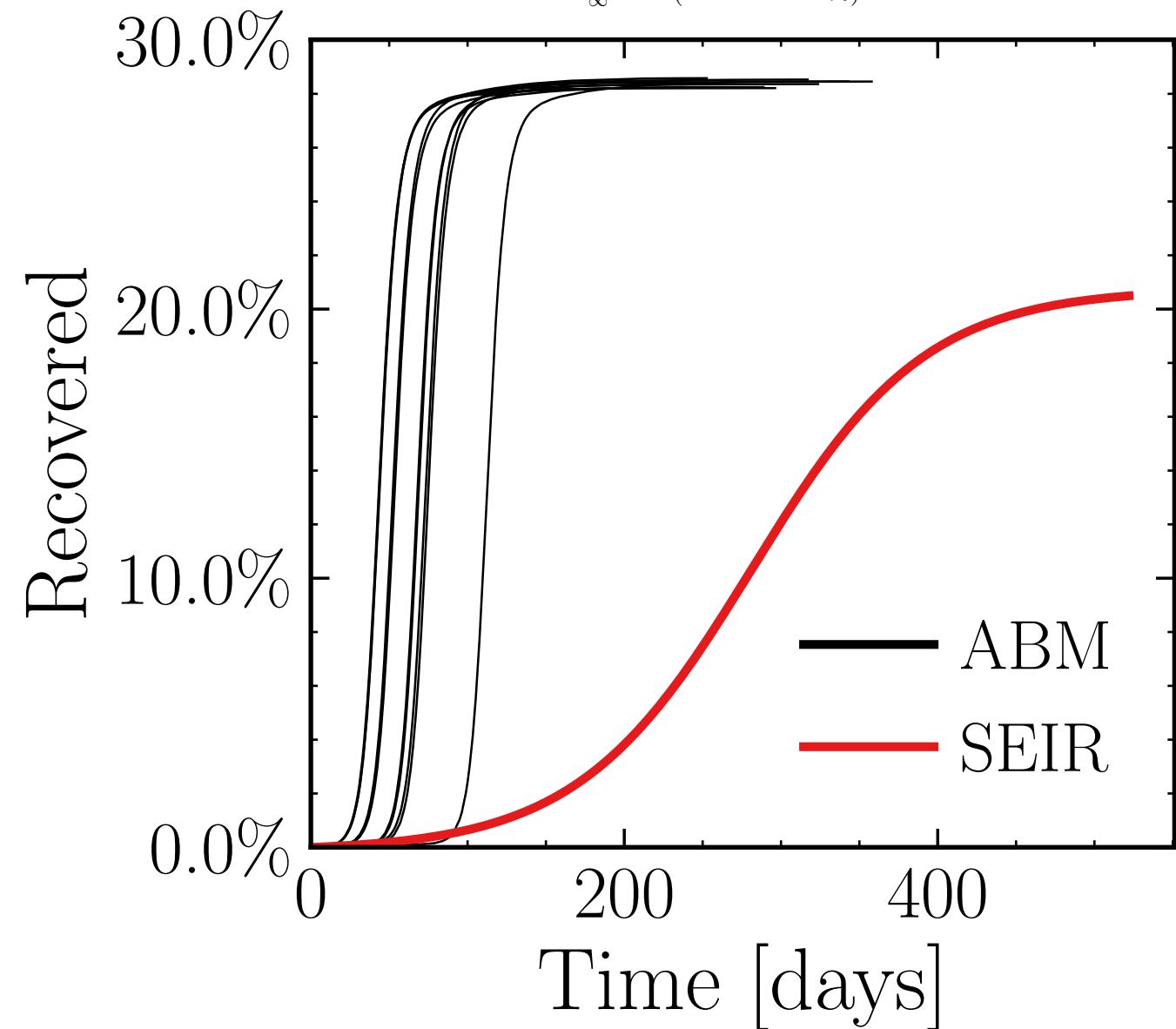
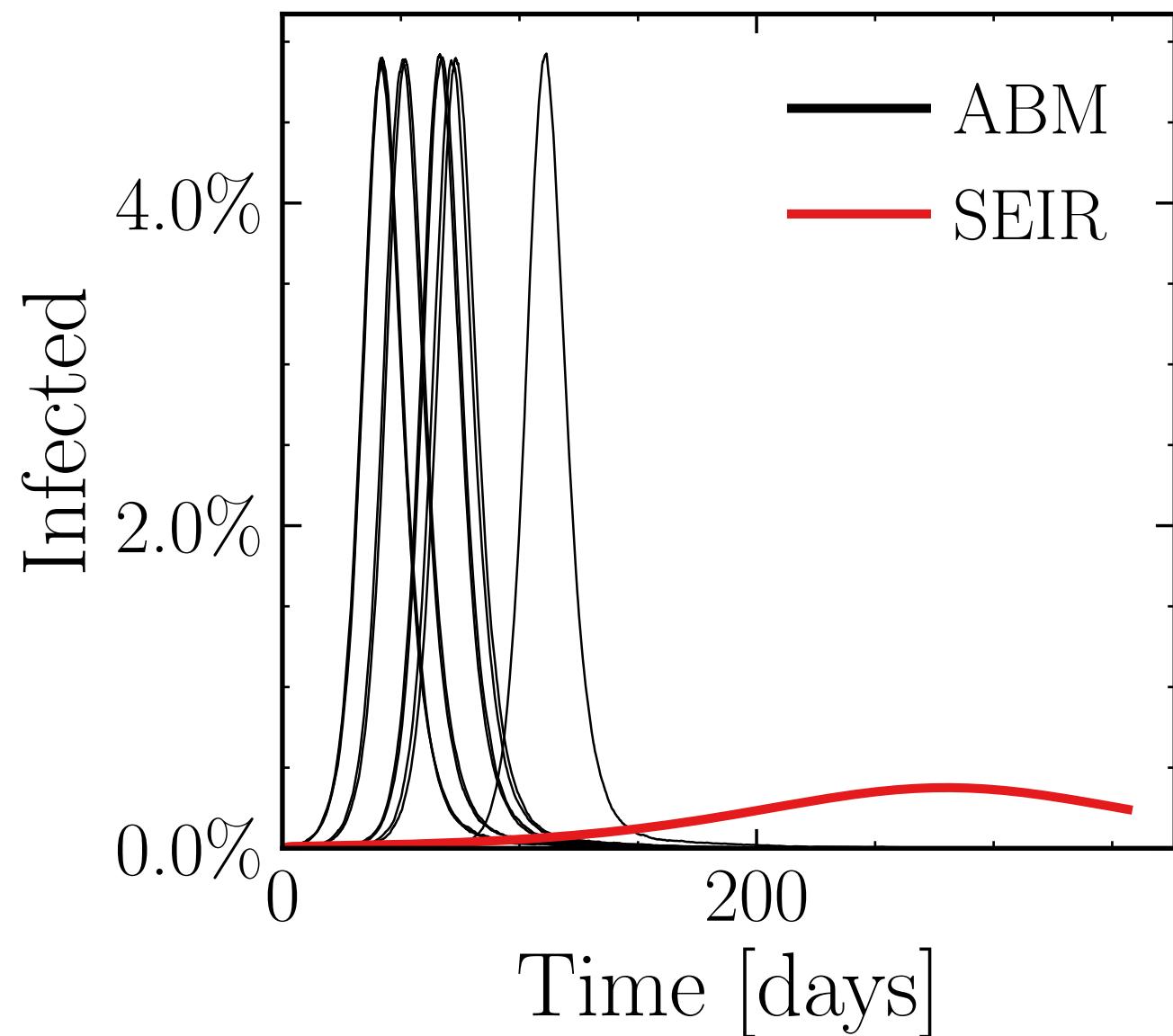
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (28.4 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 0371aaa237, #10

$R_\infty^{\text{ABM}} = (164.7 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

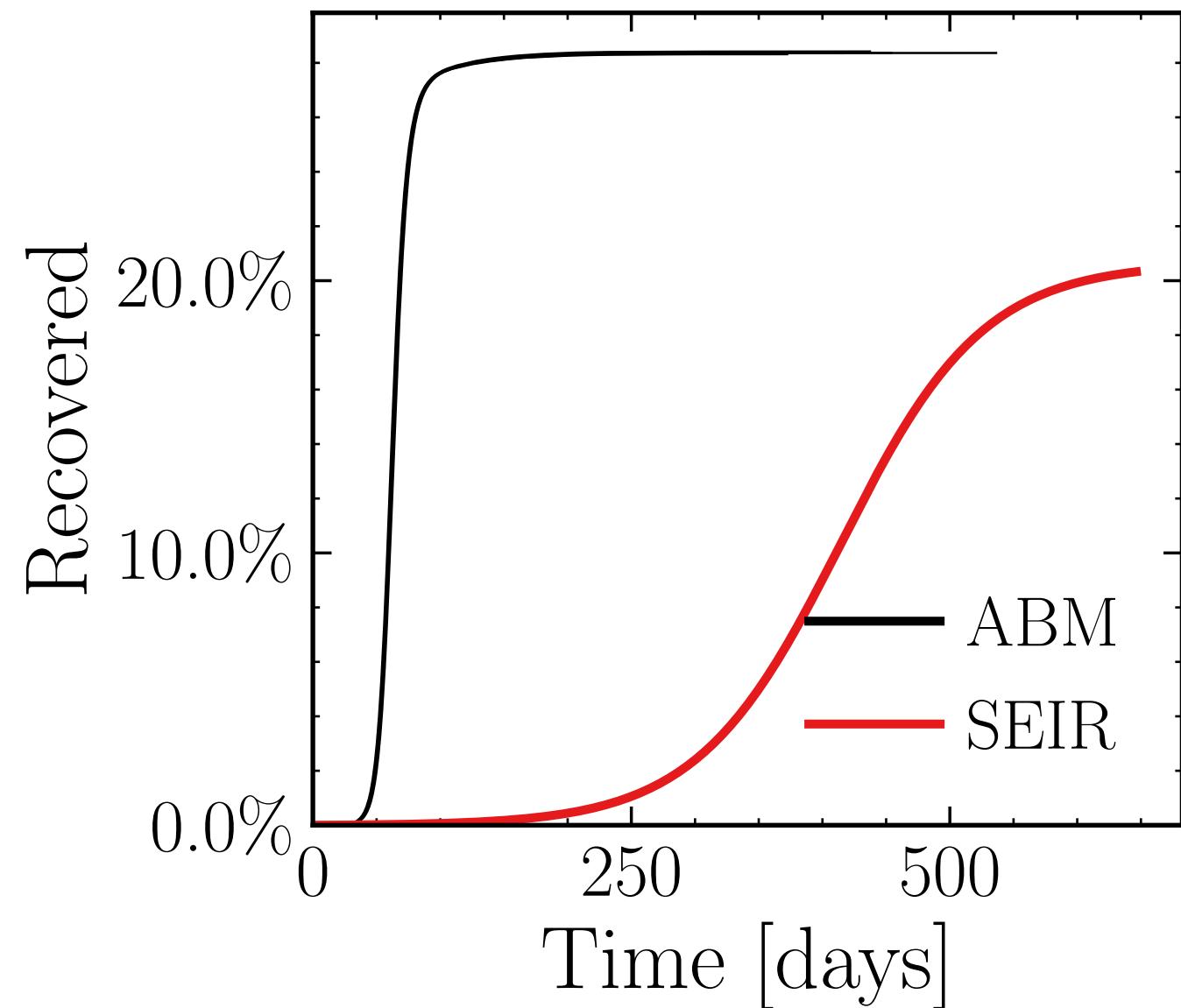
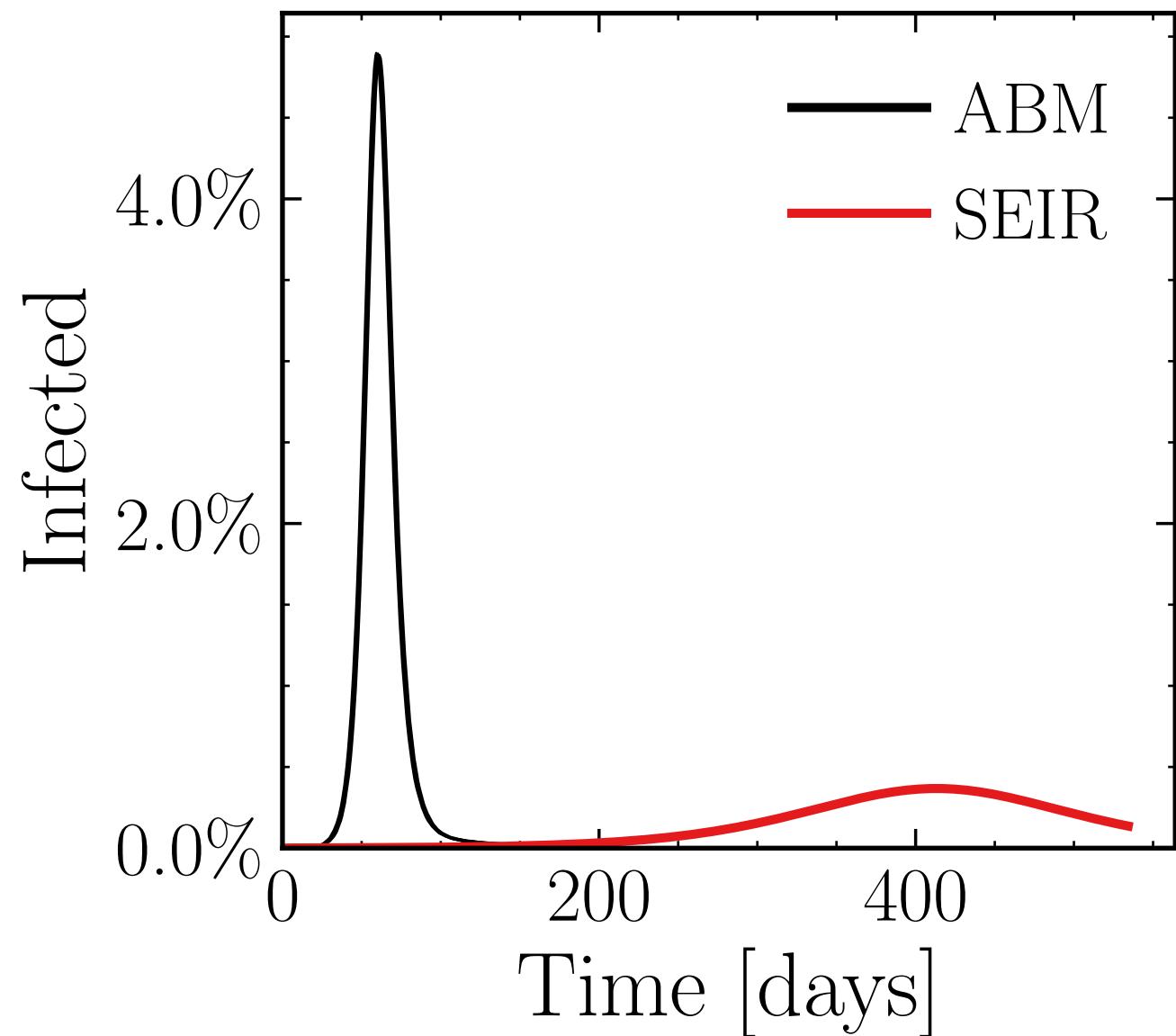
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (283.5 \pm 0.044\%) \cdot 10^3$

v. = 1.0, hash = 6620840fa9, #10

$R_\infty^{\text{ABM}} = (1.6453 \pm 0.03\%) \cdot 10^6$



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

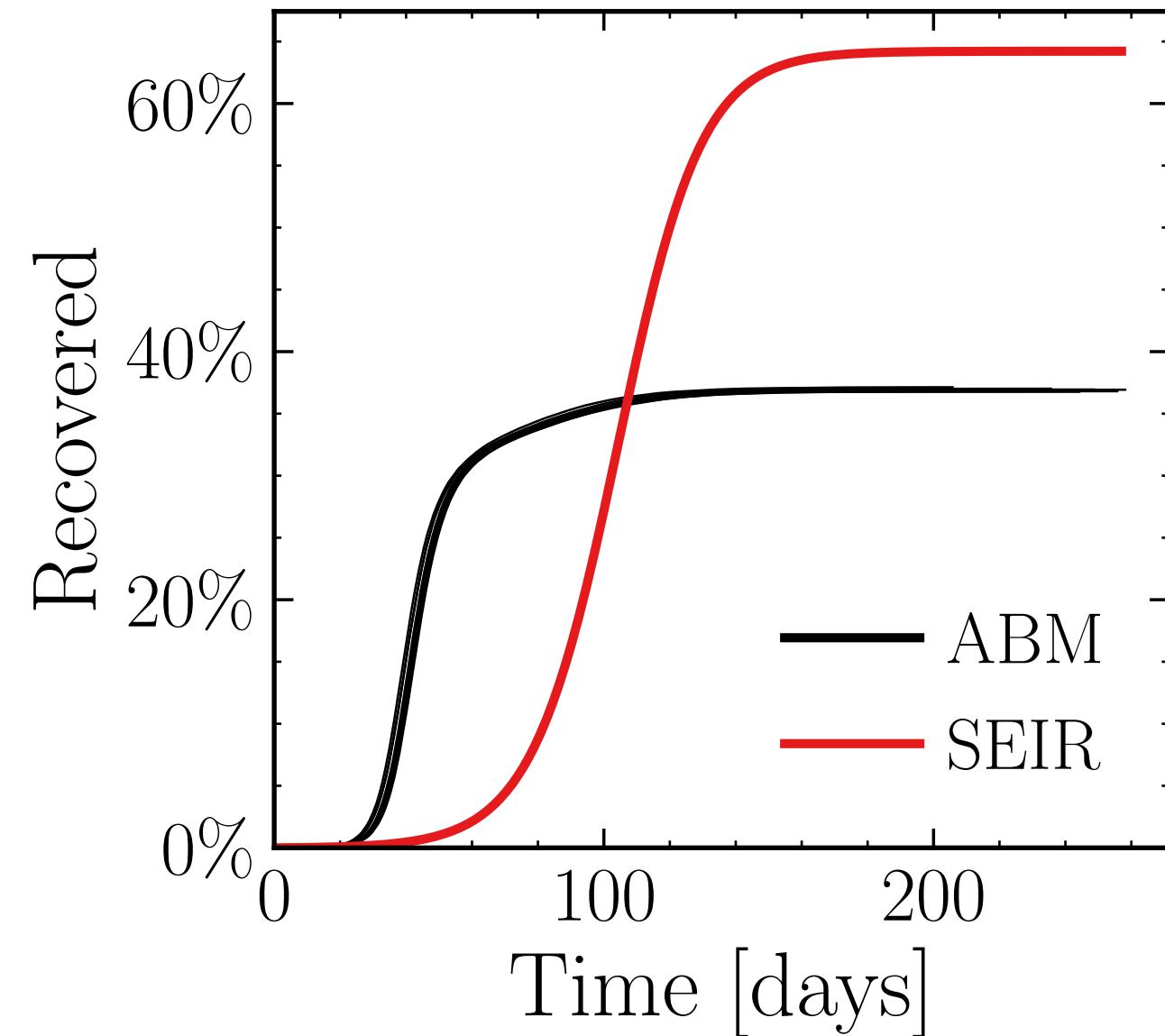
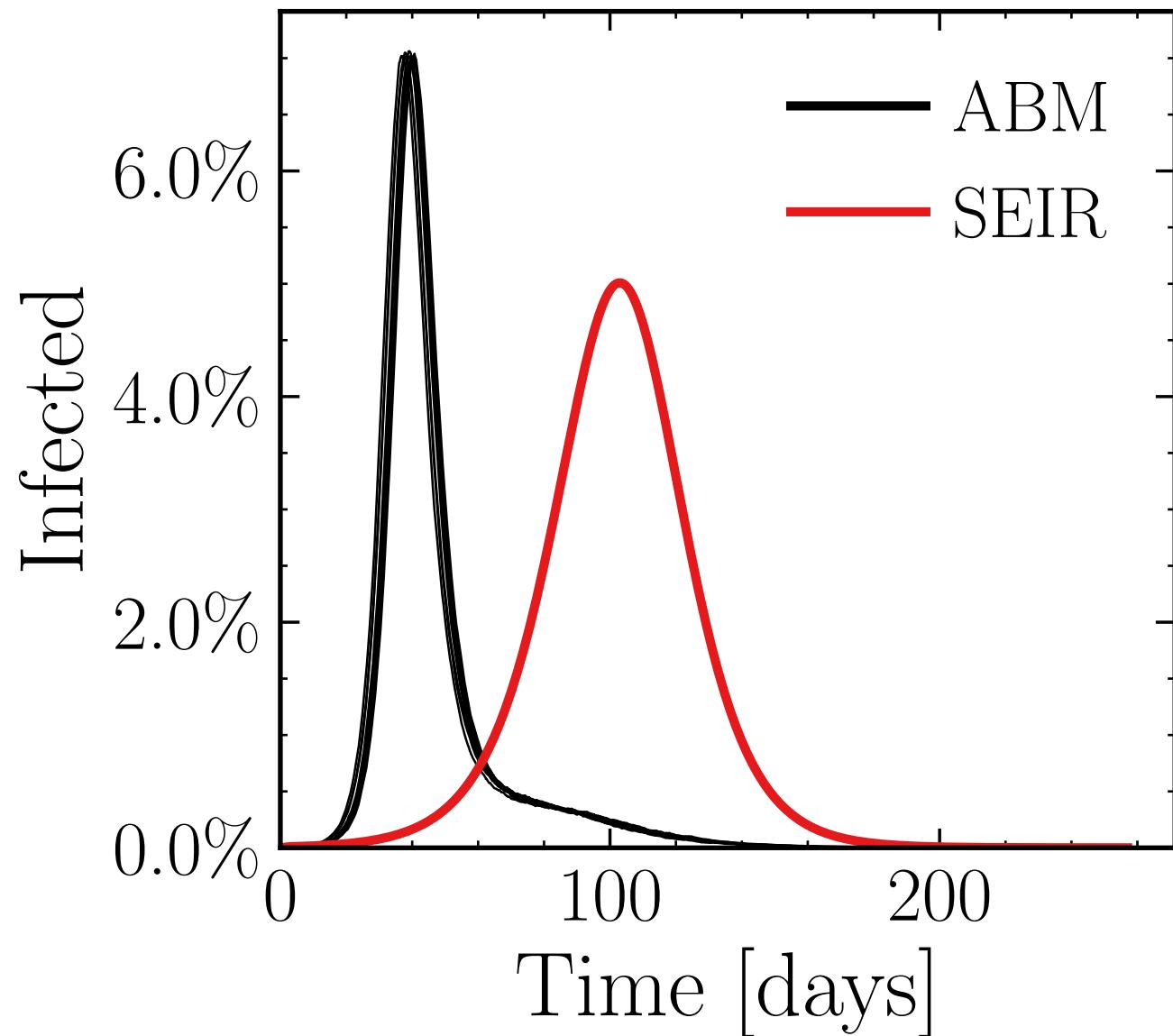
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

$$\text{v.} = 1.0, \text{hash} = 4b1aa4b148, \#10$$

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



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

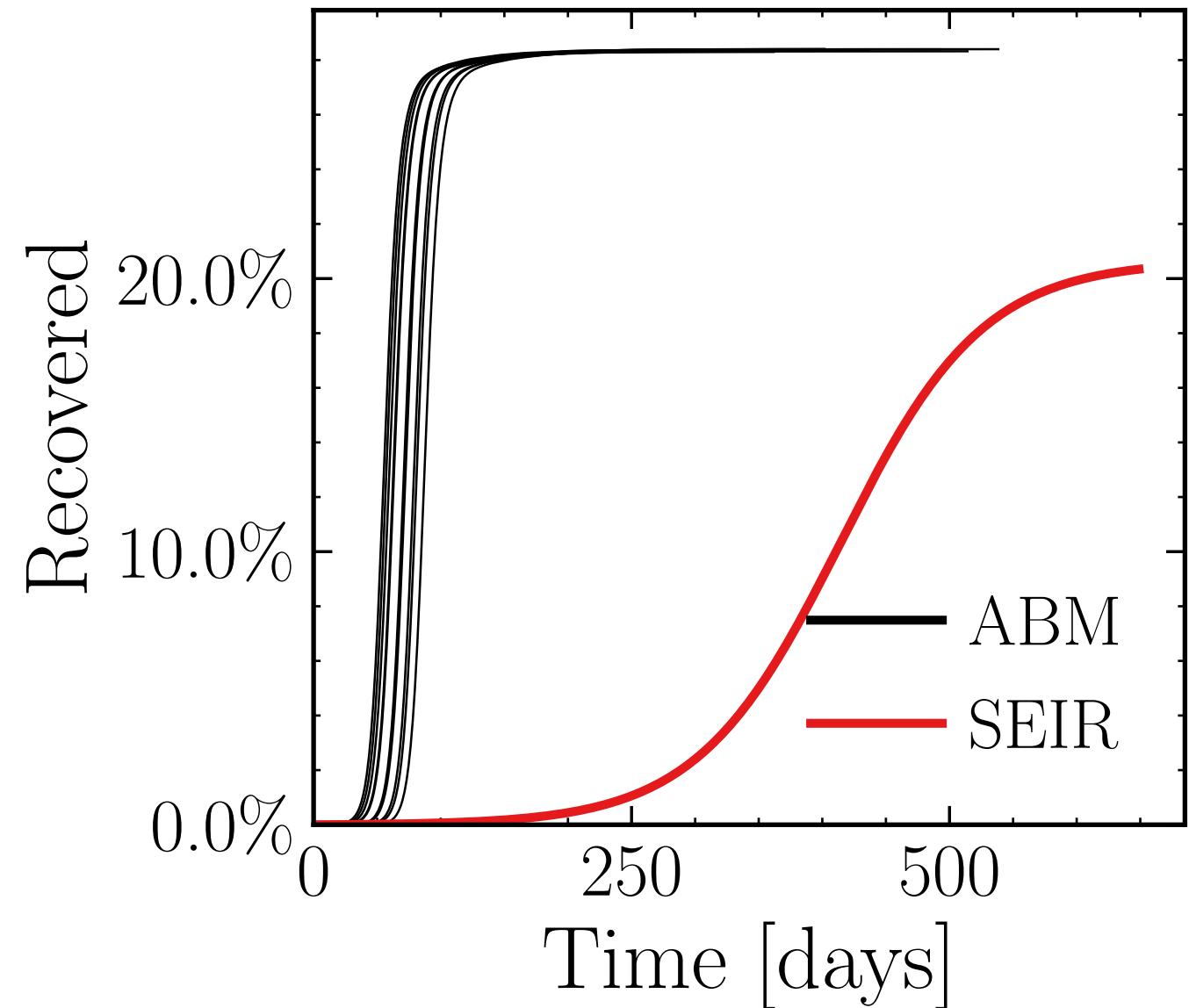
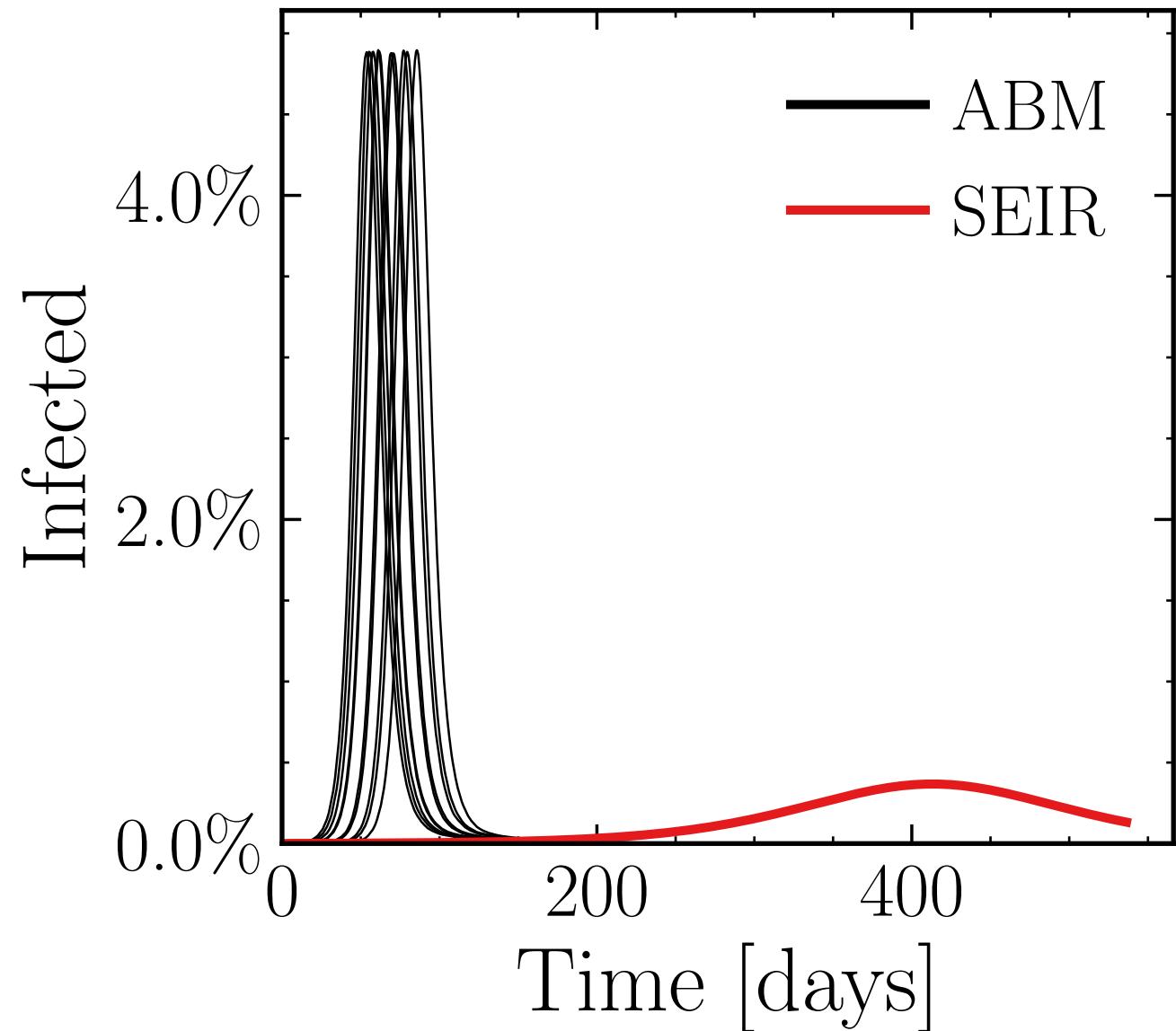
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (283.5 \pm 0.042\%) \cdot 10^3$

v. = 1.0, hash = 95a0789cf3, #10

$R_\infty^{\text{ABM}} = (1.6449 \pm 0.038\%) \cdot 10^6$



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

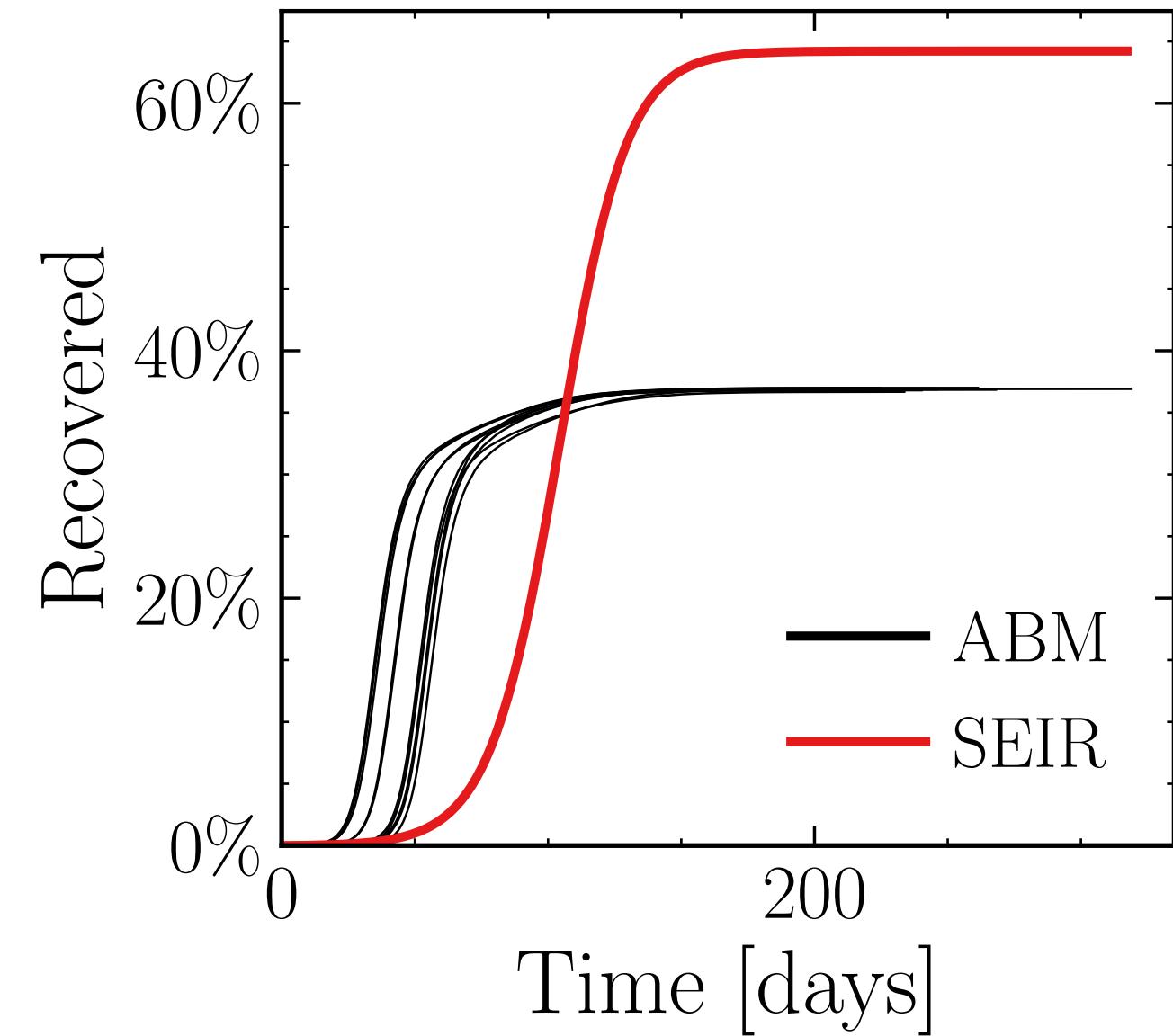
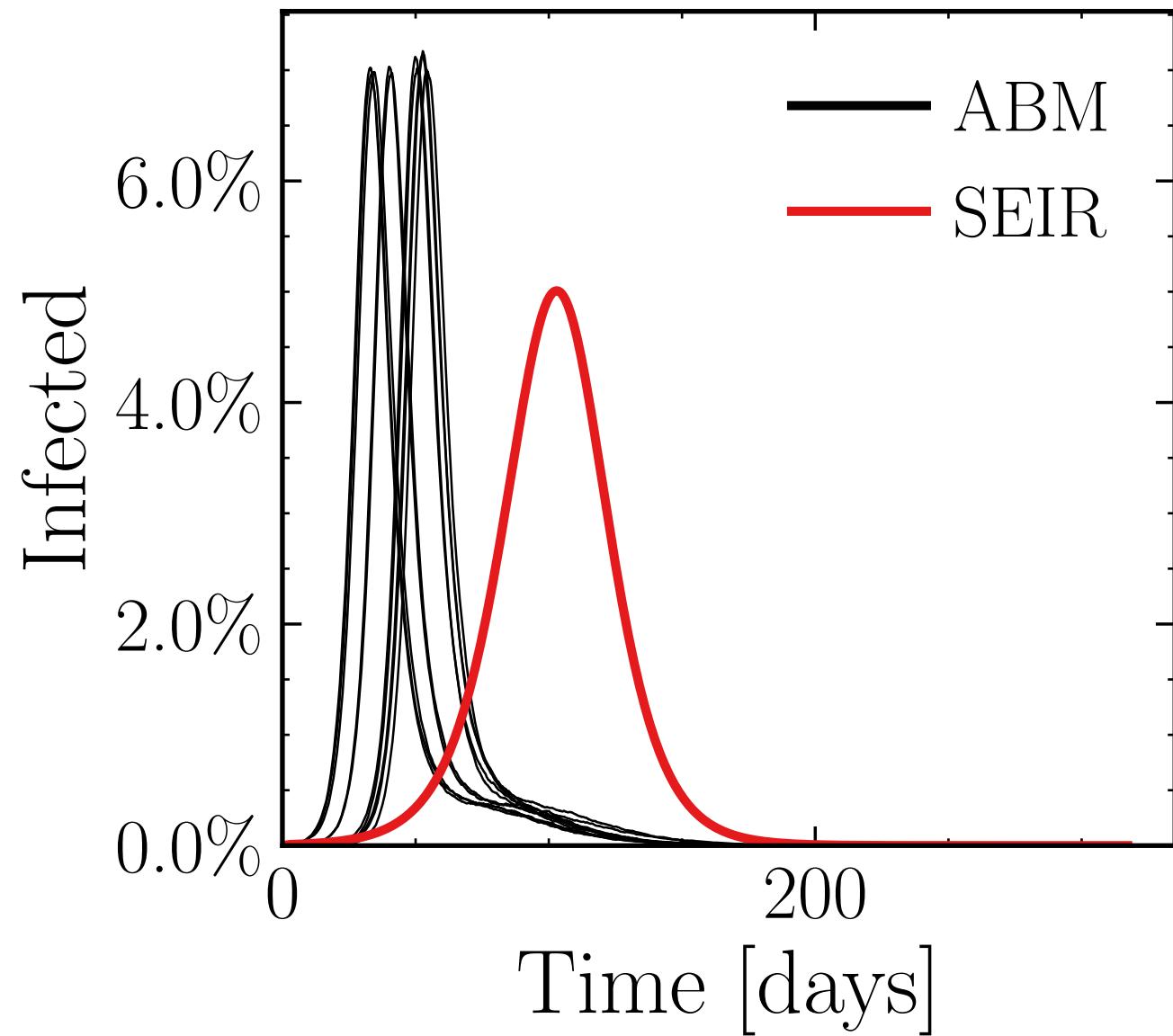
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.8 \pm 0.31\%) \cdot 10^3$

v. = 1.0, hash = d137bc9d2f, #10

$R_\infty^{\text{ABM}} = (214 \pm 0.081\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

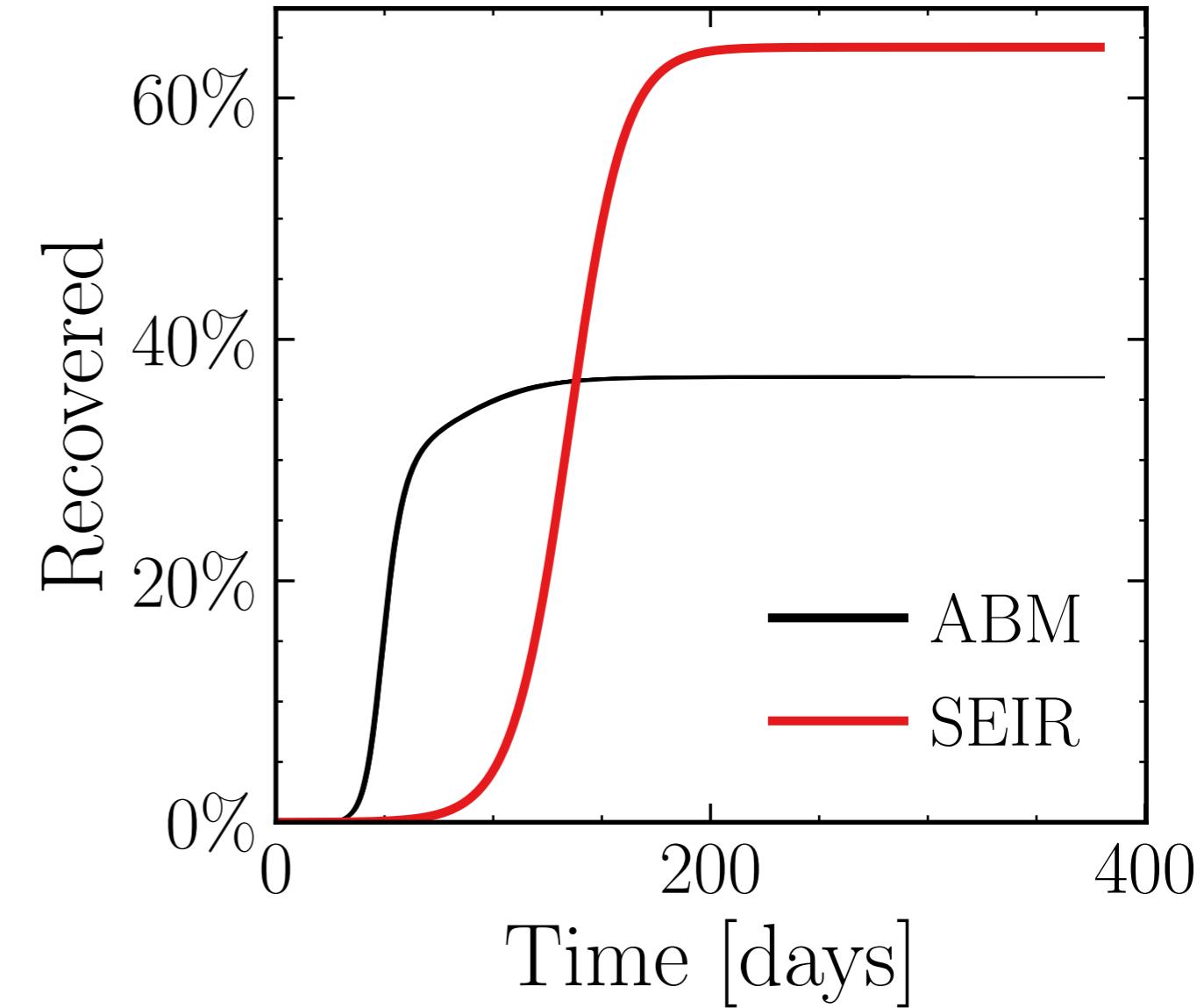
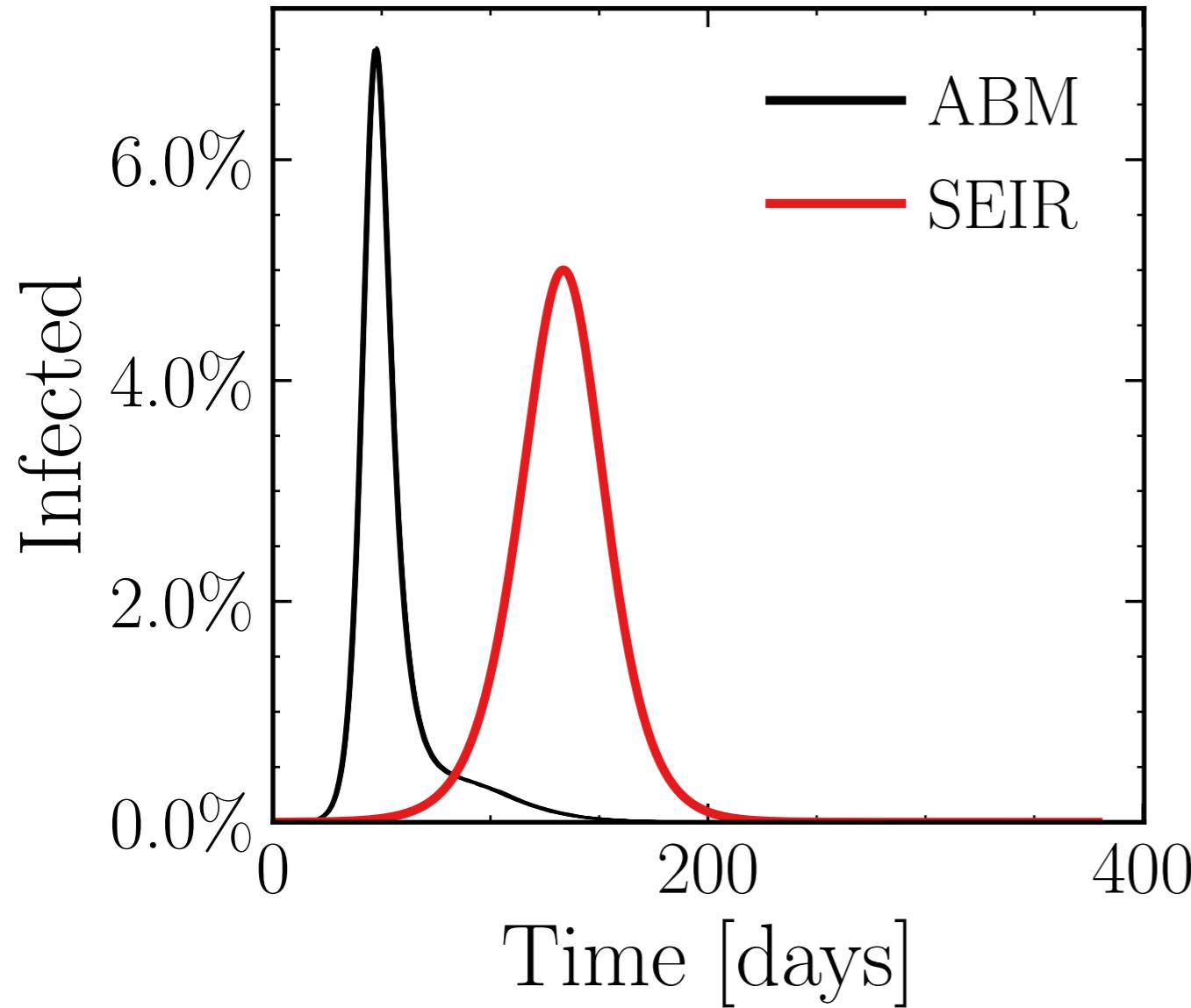
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (405.9 \pm 0.042\%) \cdot 10^3$

v. = 1.0, hash = 104b2e9da9, #10

$R_\infty^{\text{ABM}} = (2.1398 \pm 0.029\%) \cdot 10^6$



$N_{\text{tot}} = 5.8M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

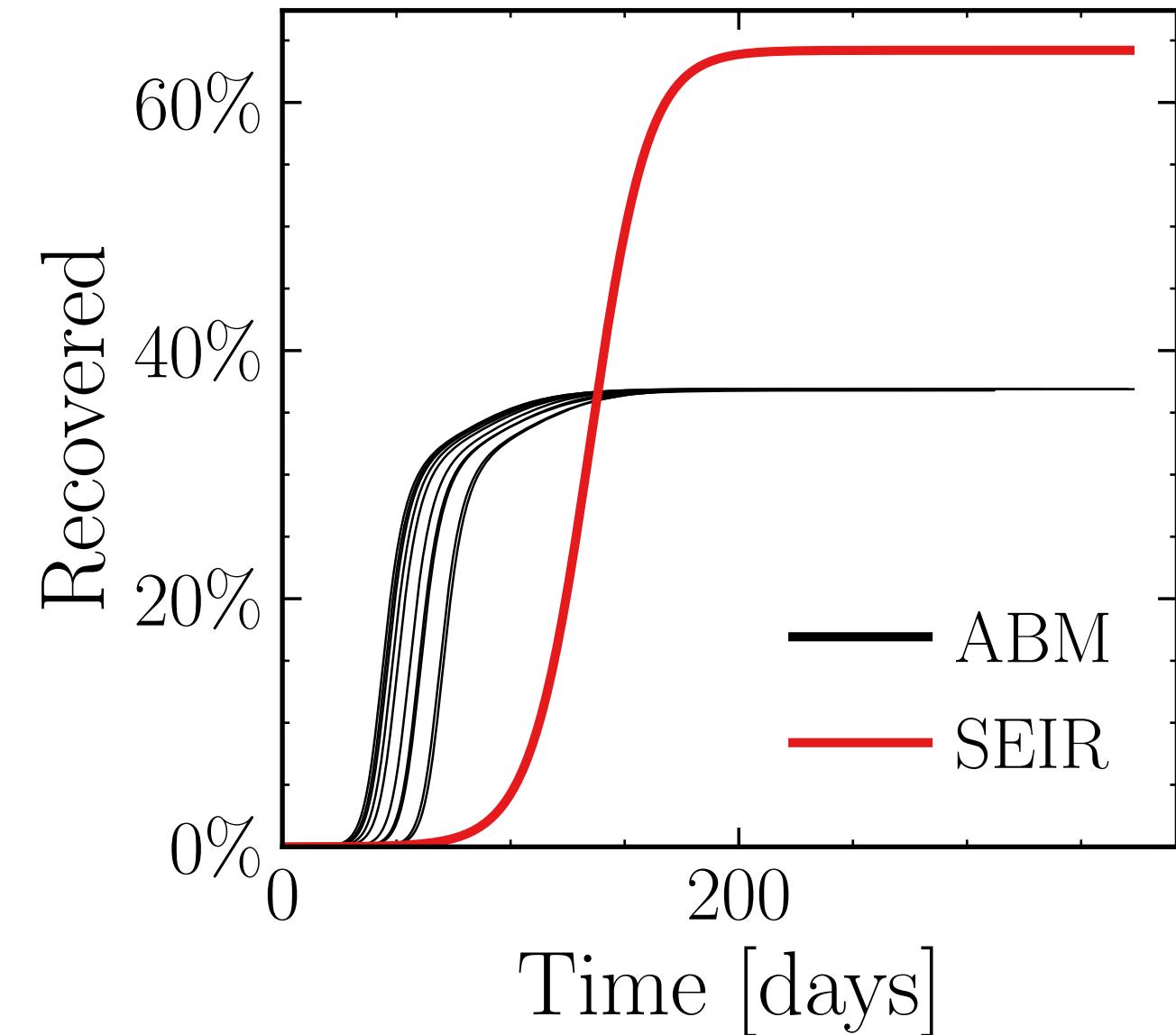
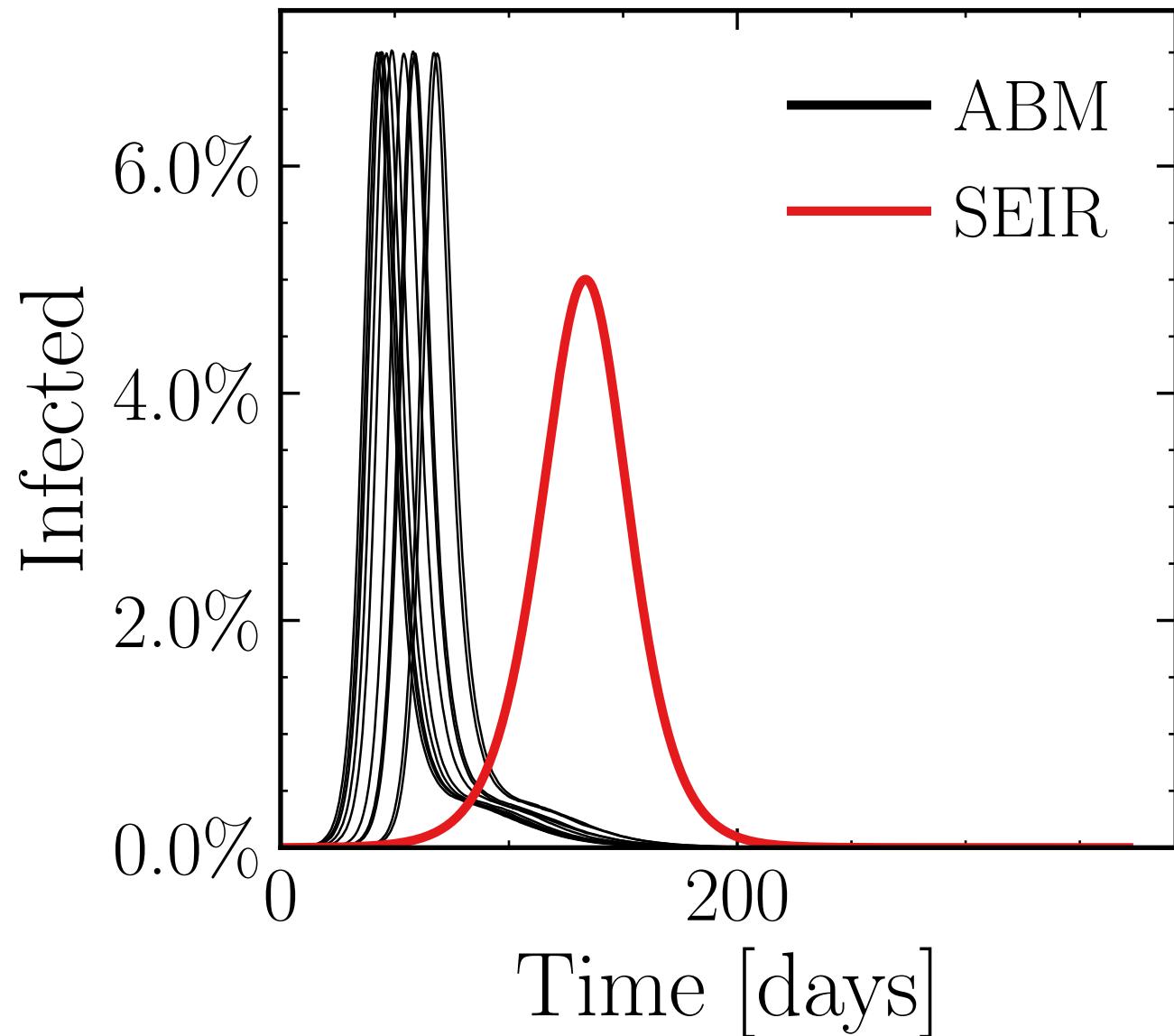
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = False, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (405.9 \pm 0.04\%) \cdot 10^3$

v. = 1.0, hash = 2cf9dd228, #10

$R_\infty^{\text{ABM}} = (2.1397 \pm 0.031\%) \cdot 10^6$



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

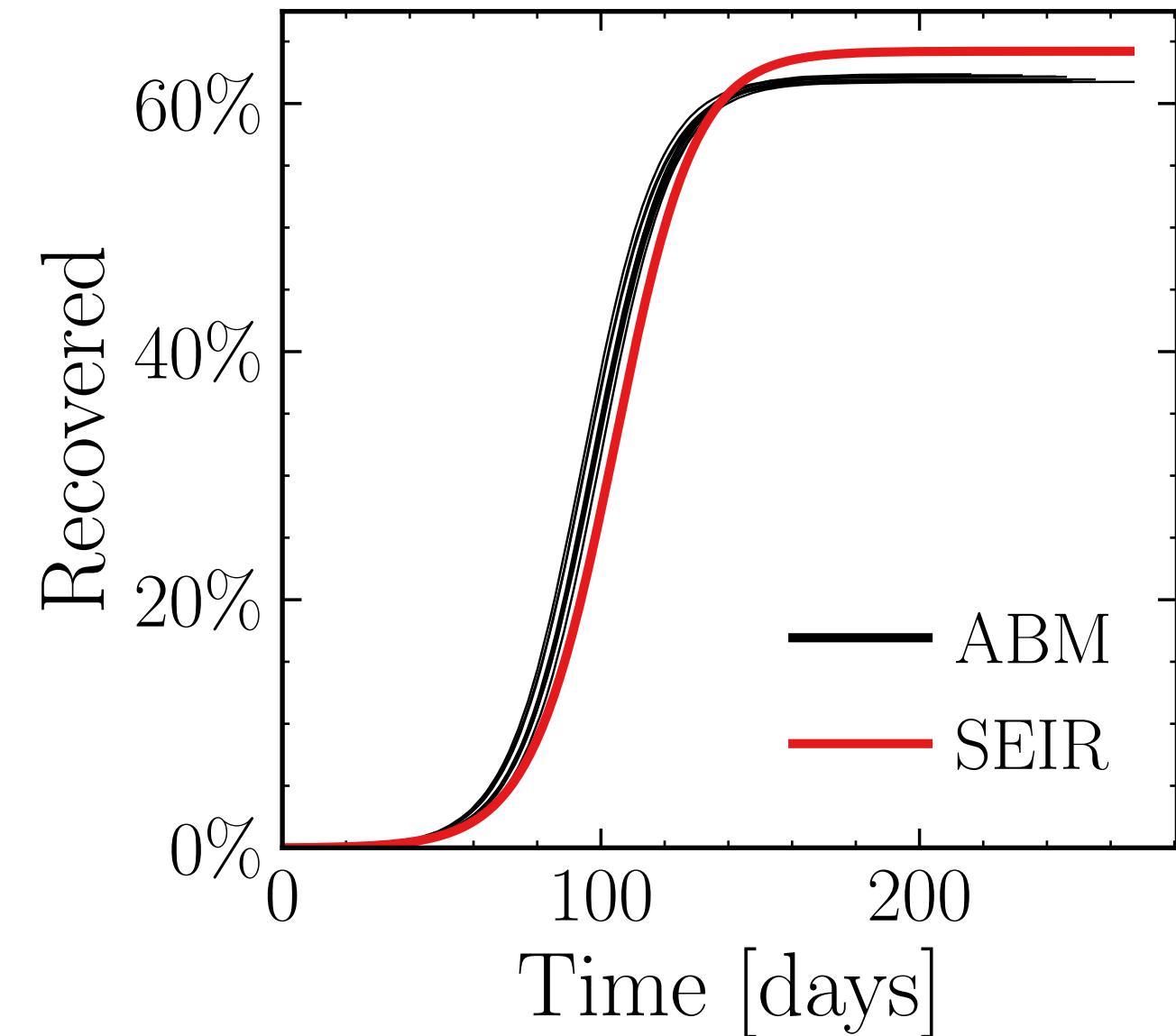
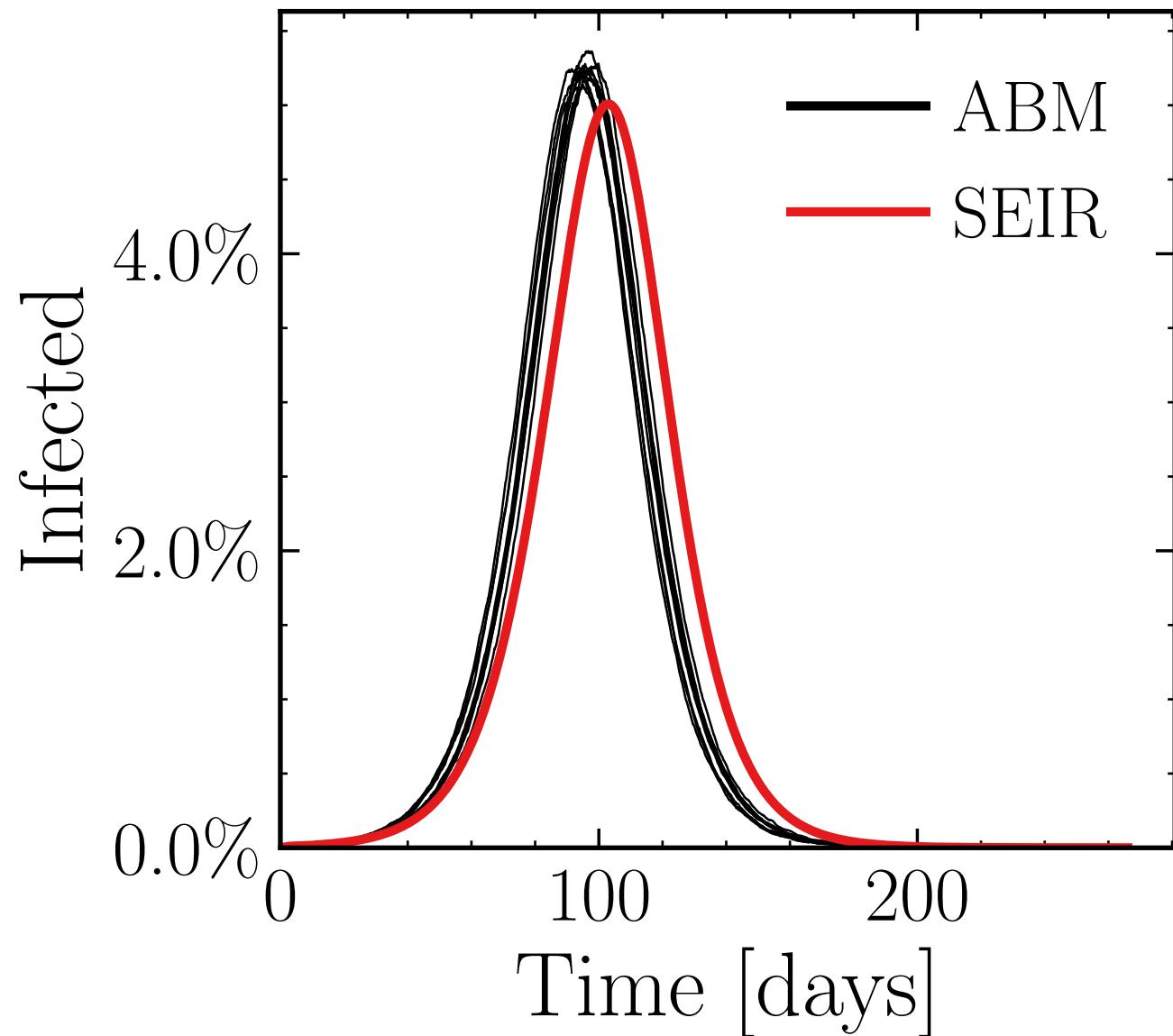
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f783ed1bf1, #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, $N_{\text{init}} = 100$

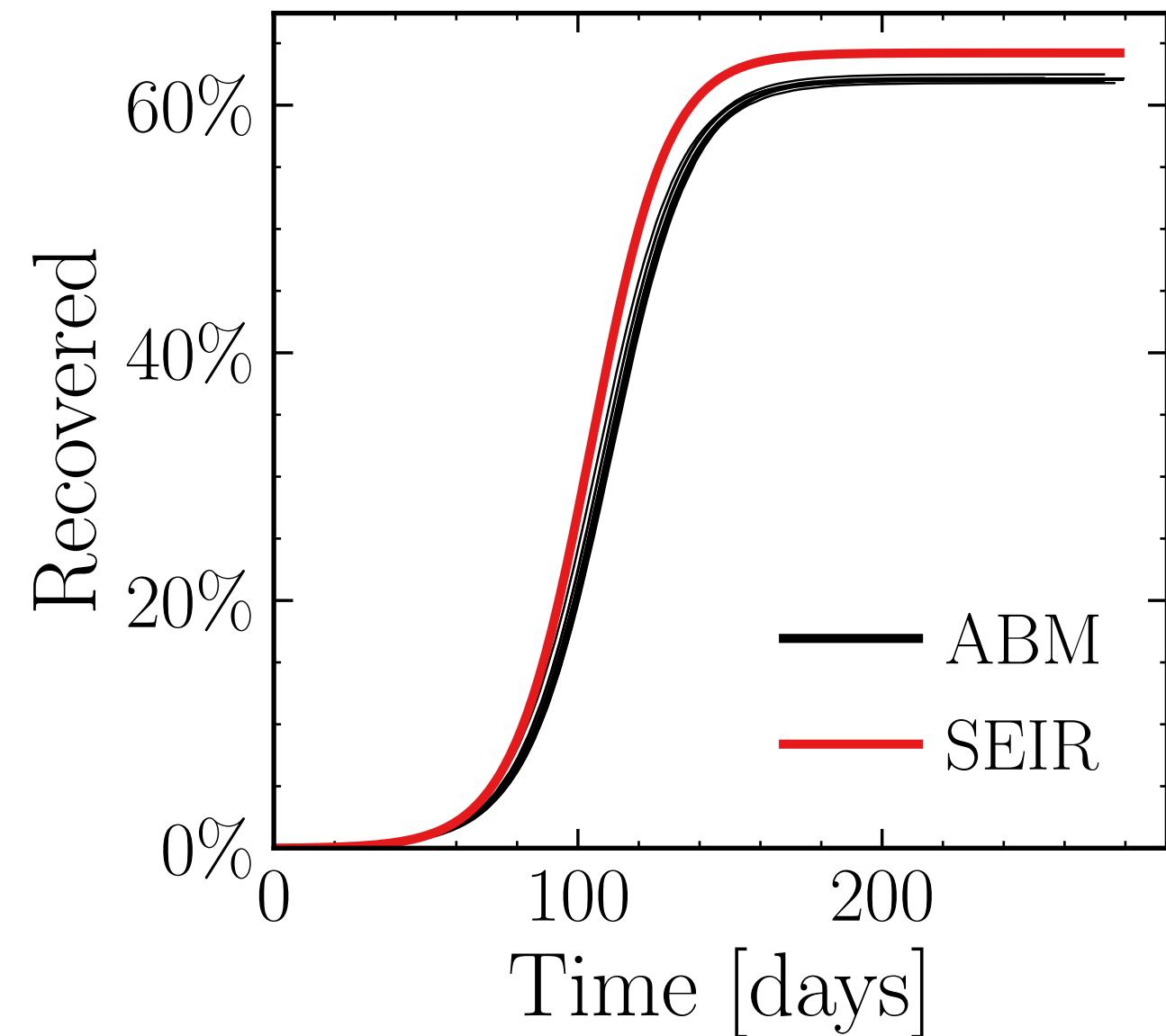
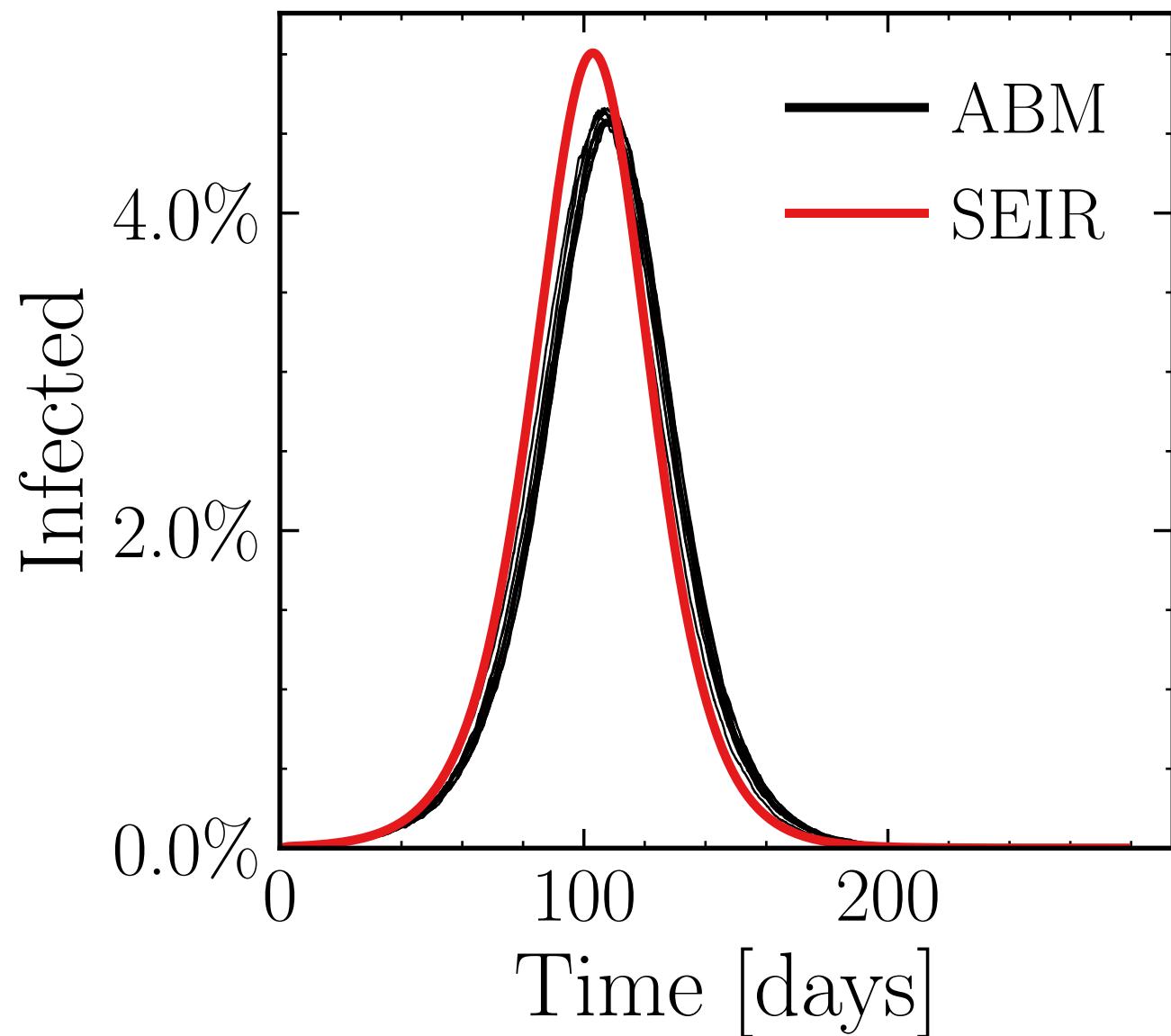
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 34a4eb733b, #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, $N_{\text{init}} = 100$

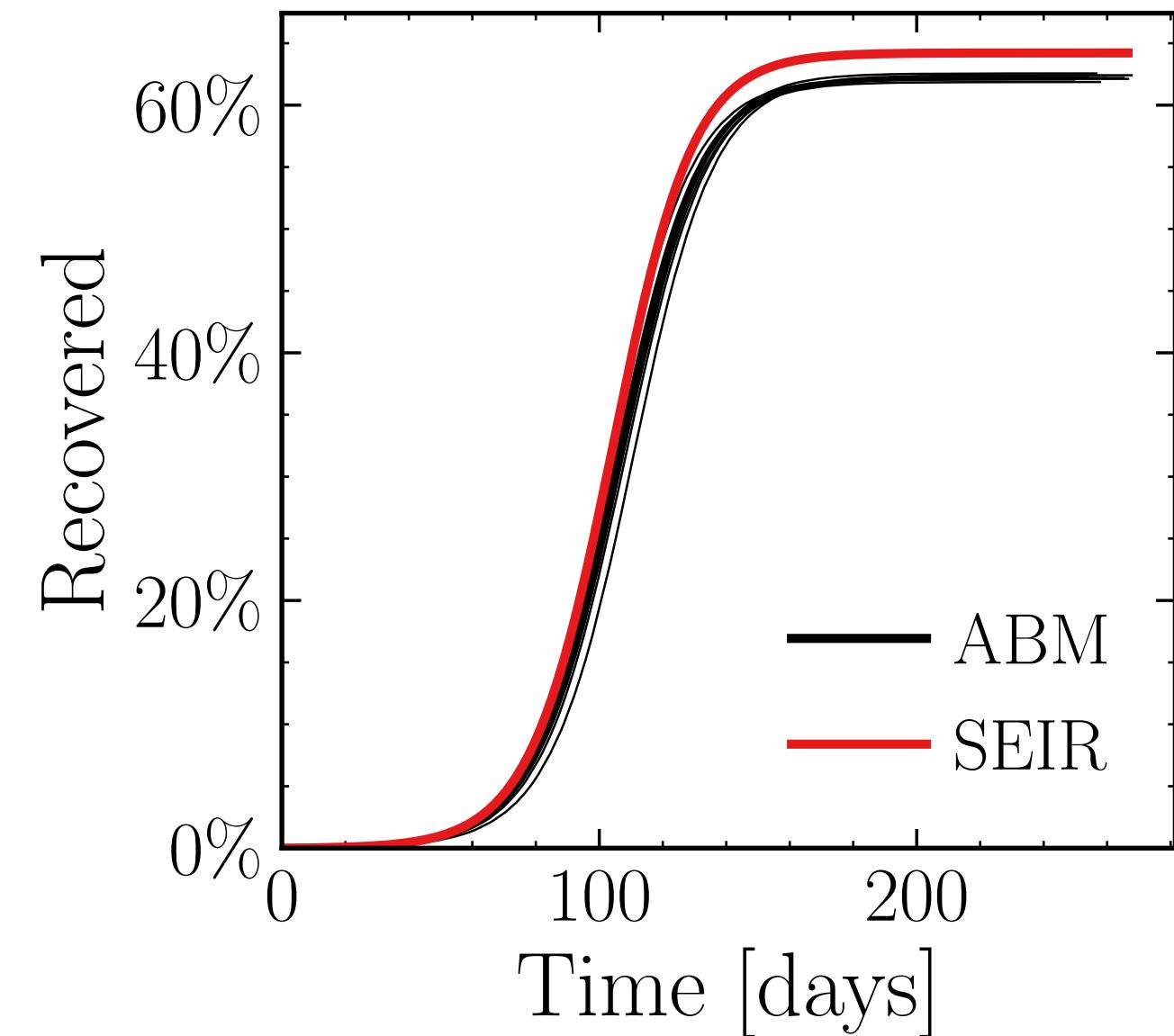
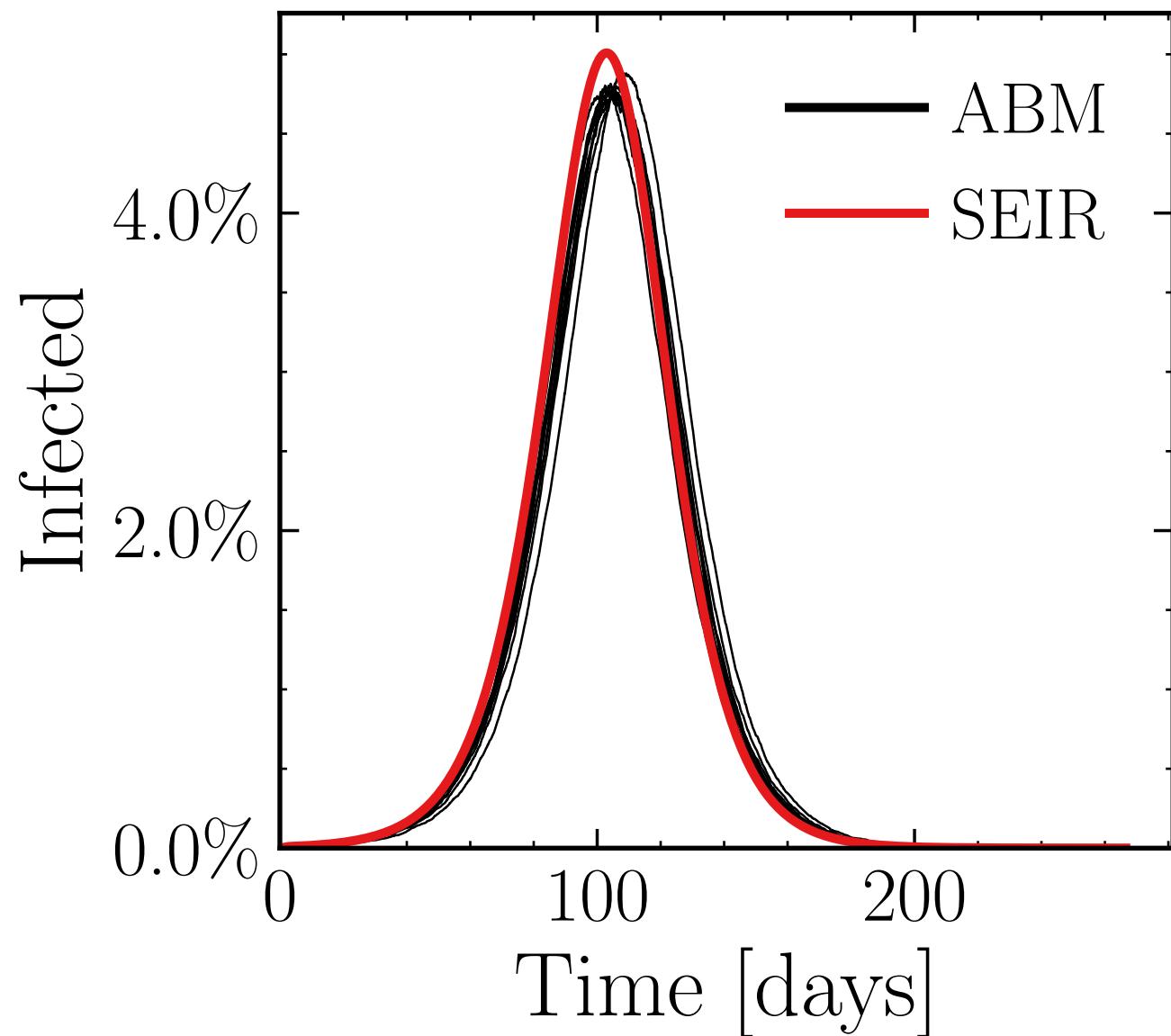
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5d89833390, #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, $N_{\text{init}} = 100$

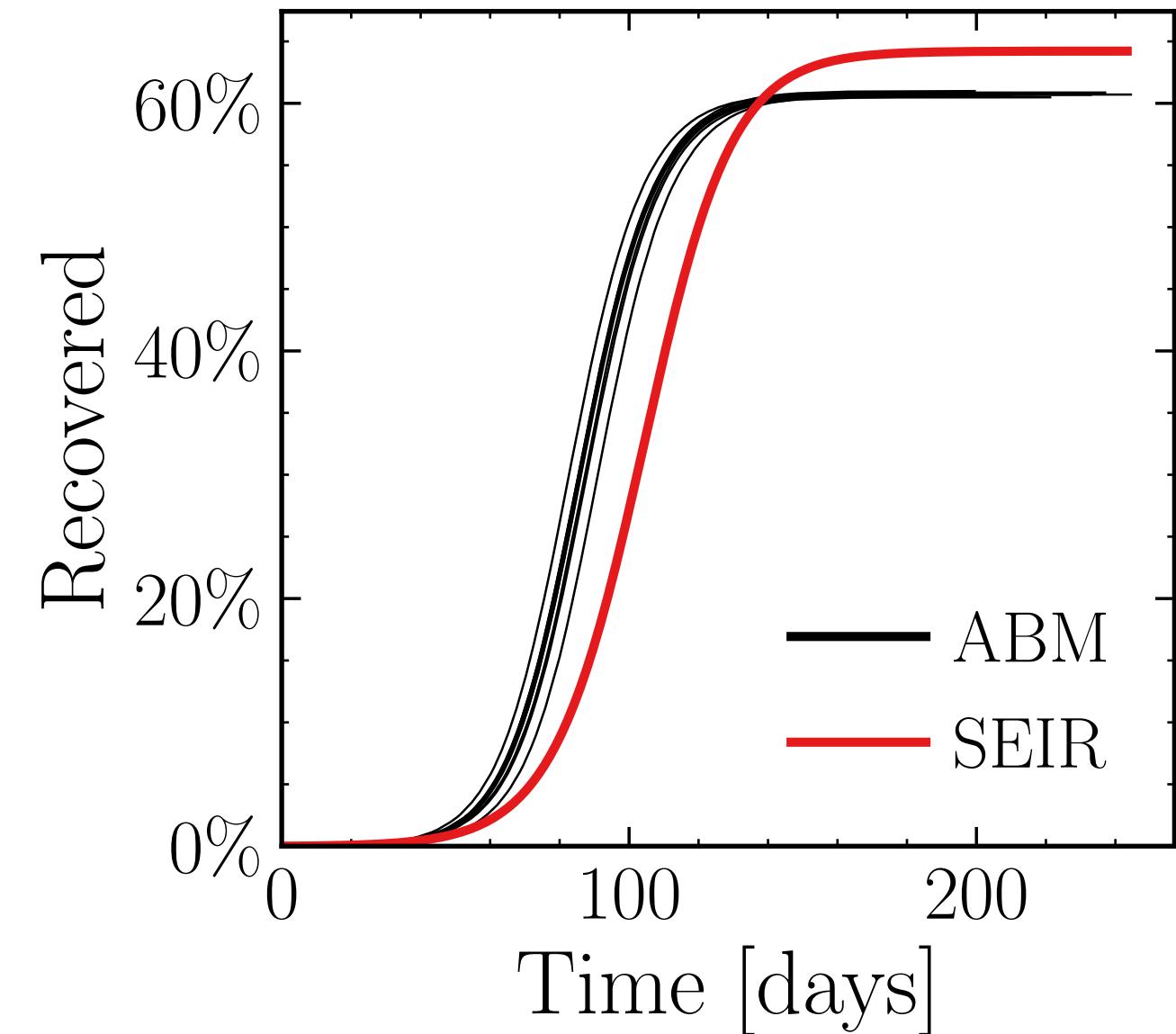
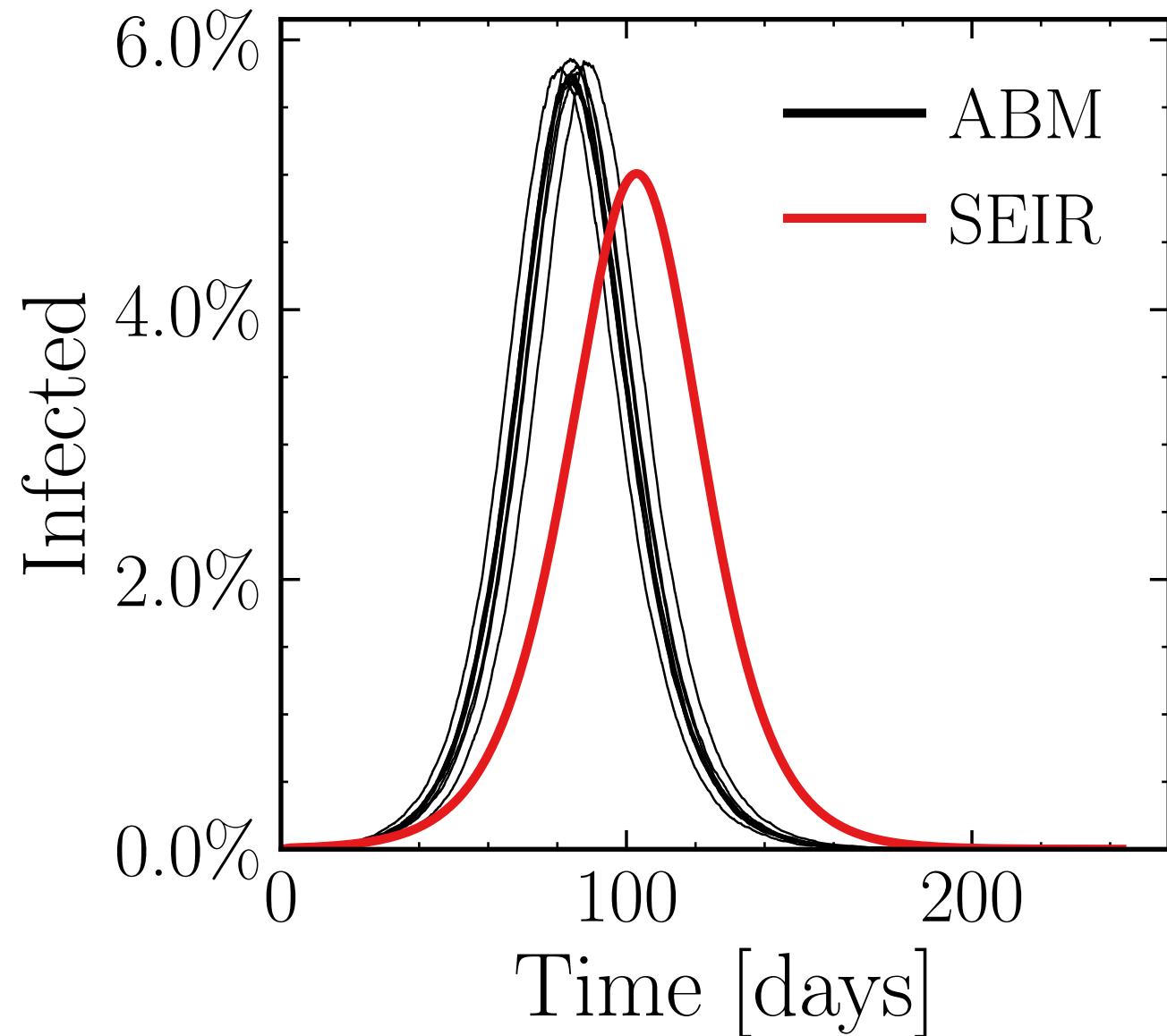
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 853f0bb107, #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, $N_{\text{init}} = 100$

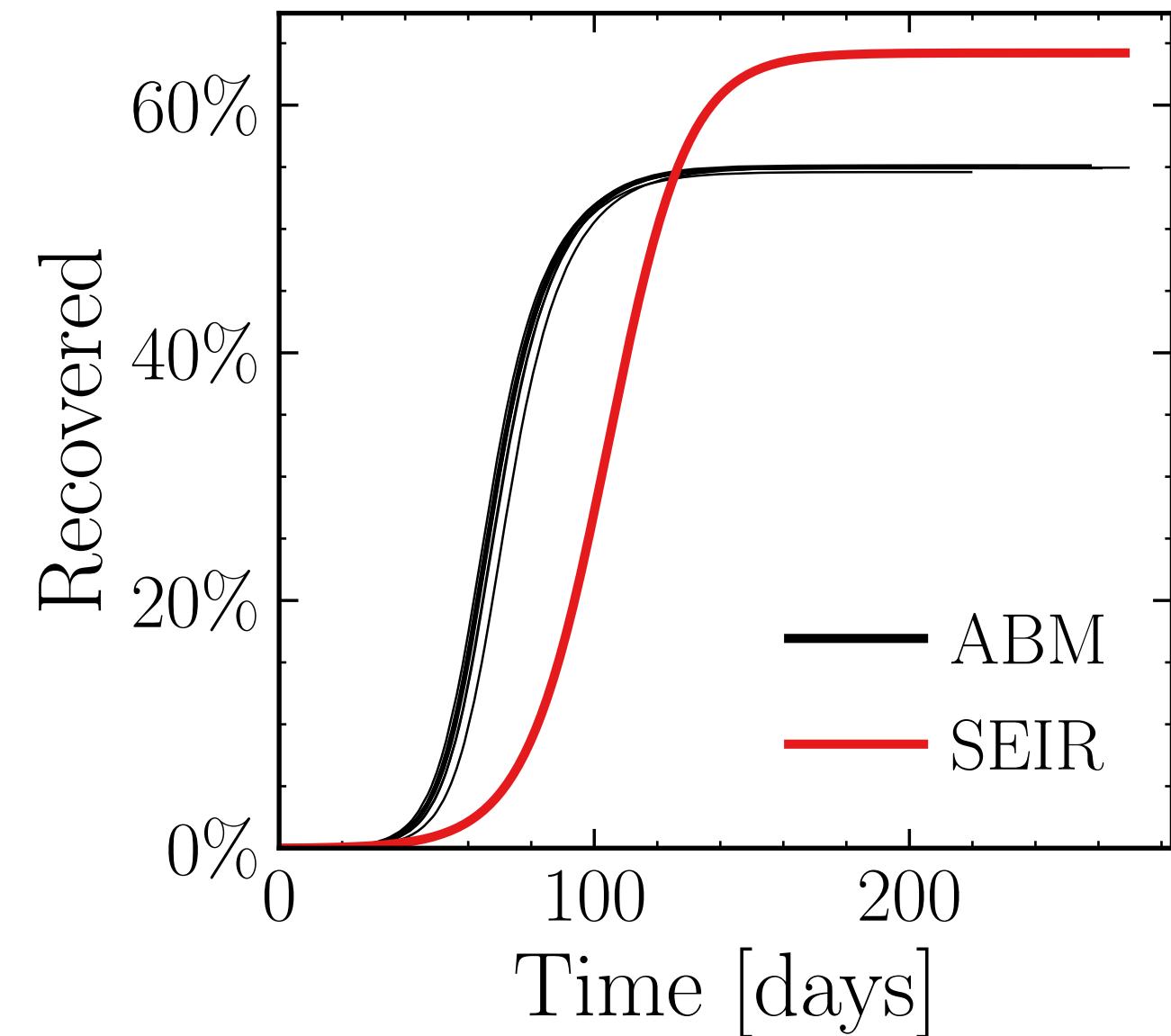
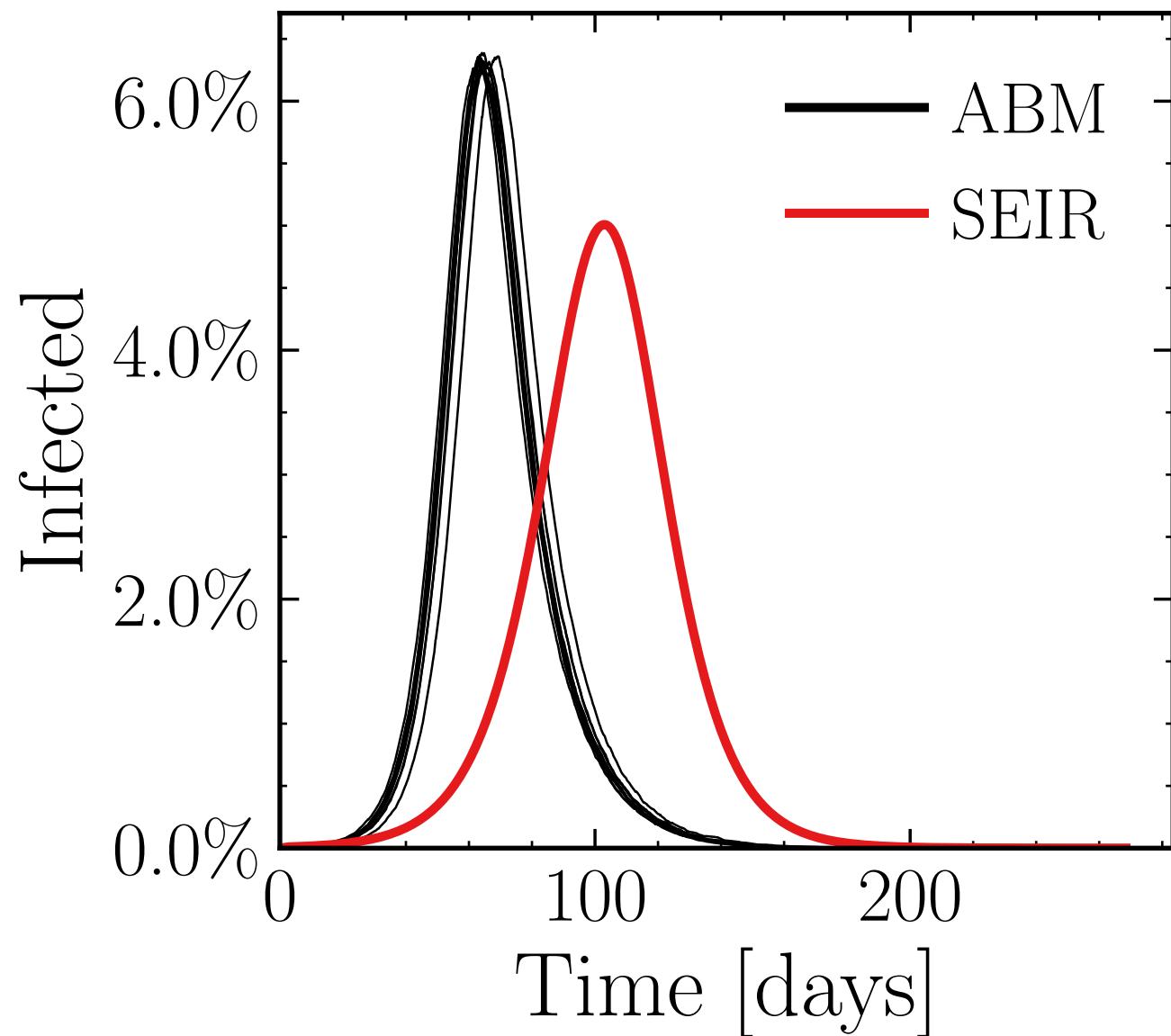
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5be05a9a81, #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, $N_{\text{init}} = 100$

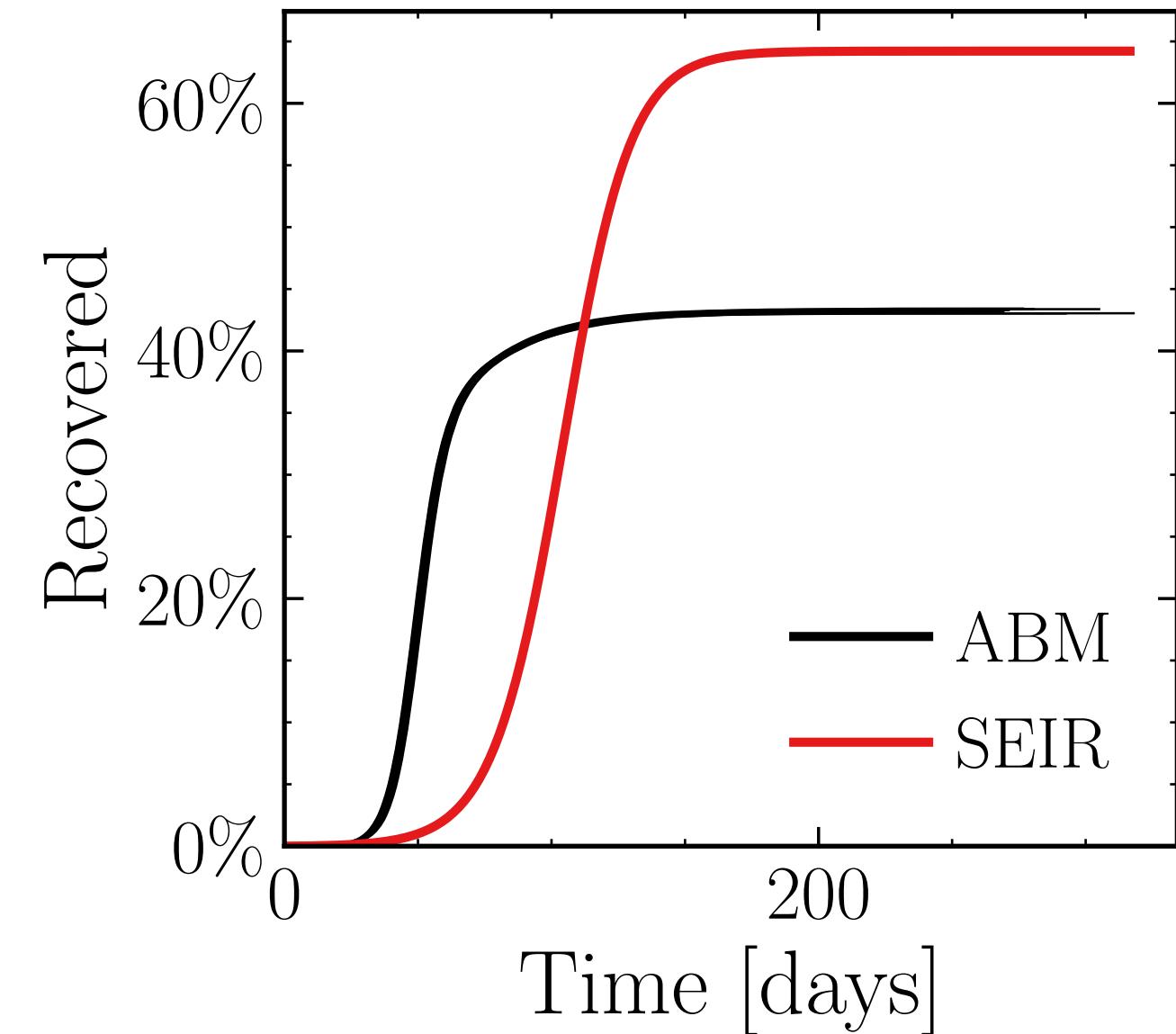
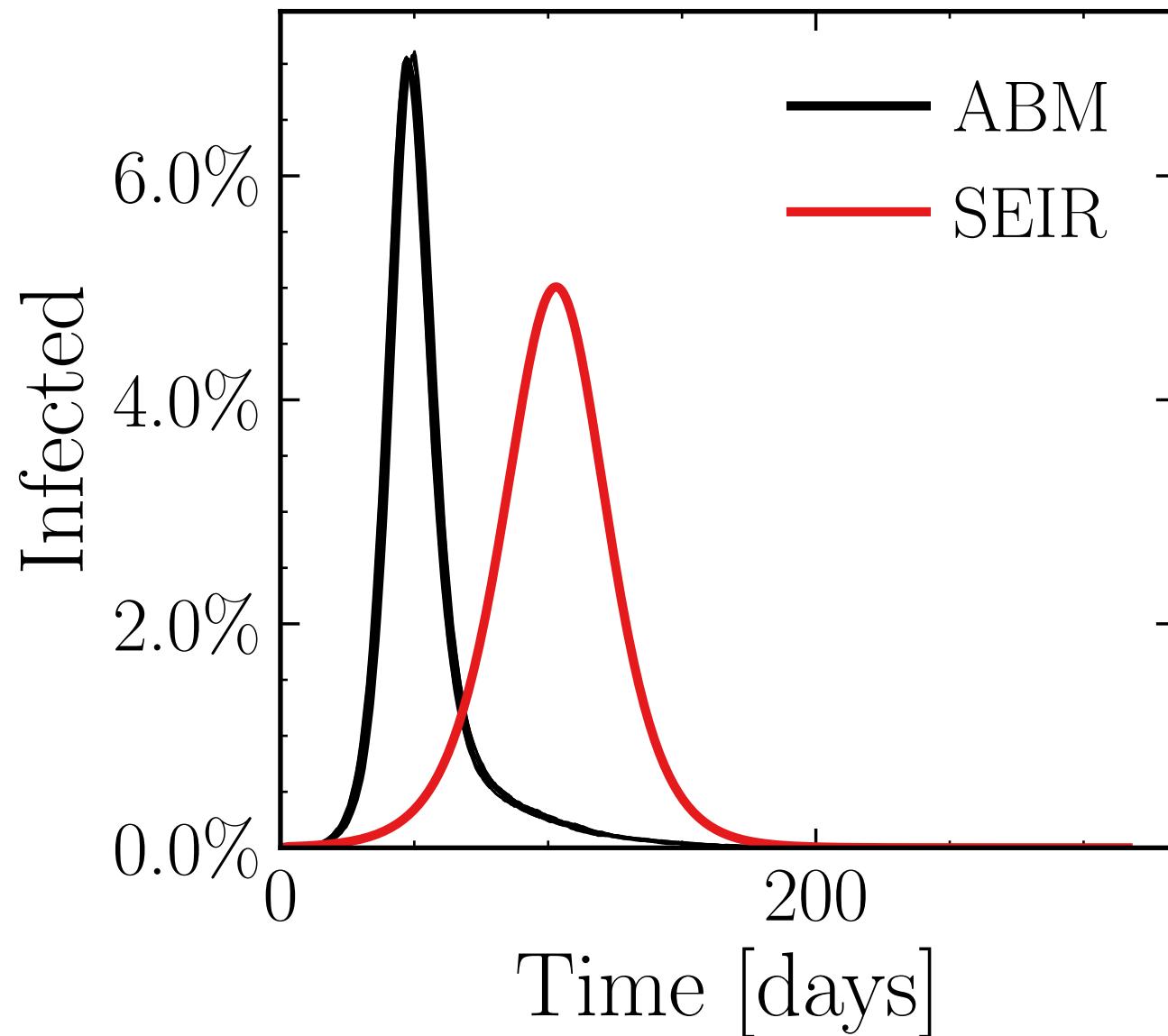
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5d276eeb26, #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, $N_{\text{init}} = 100$

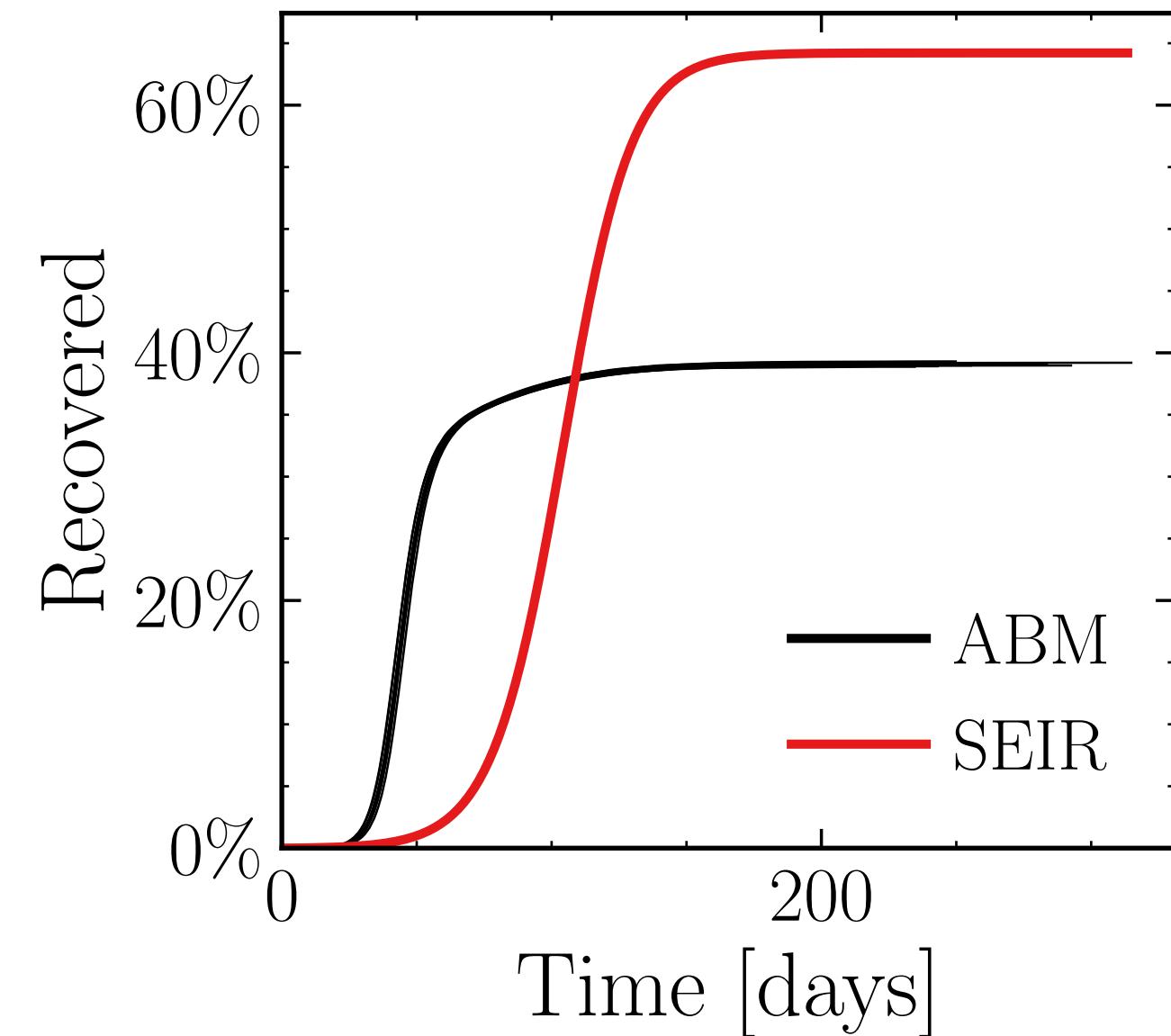
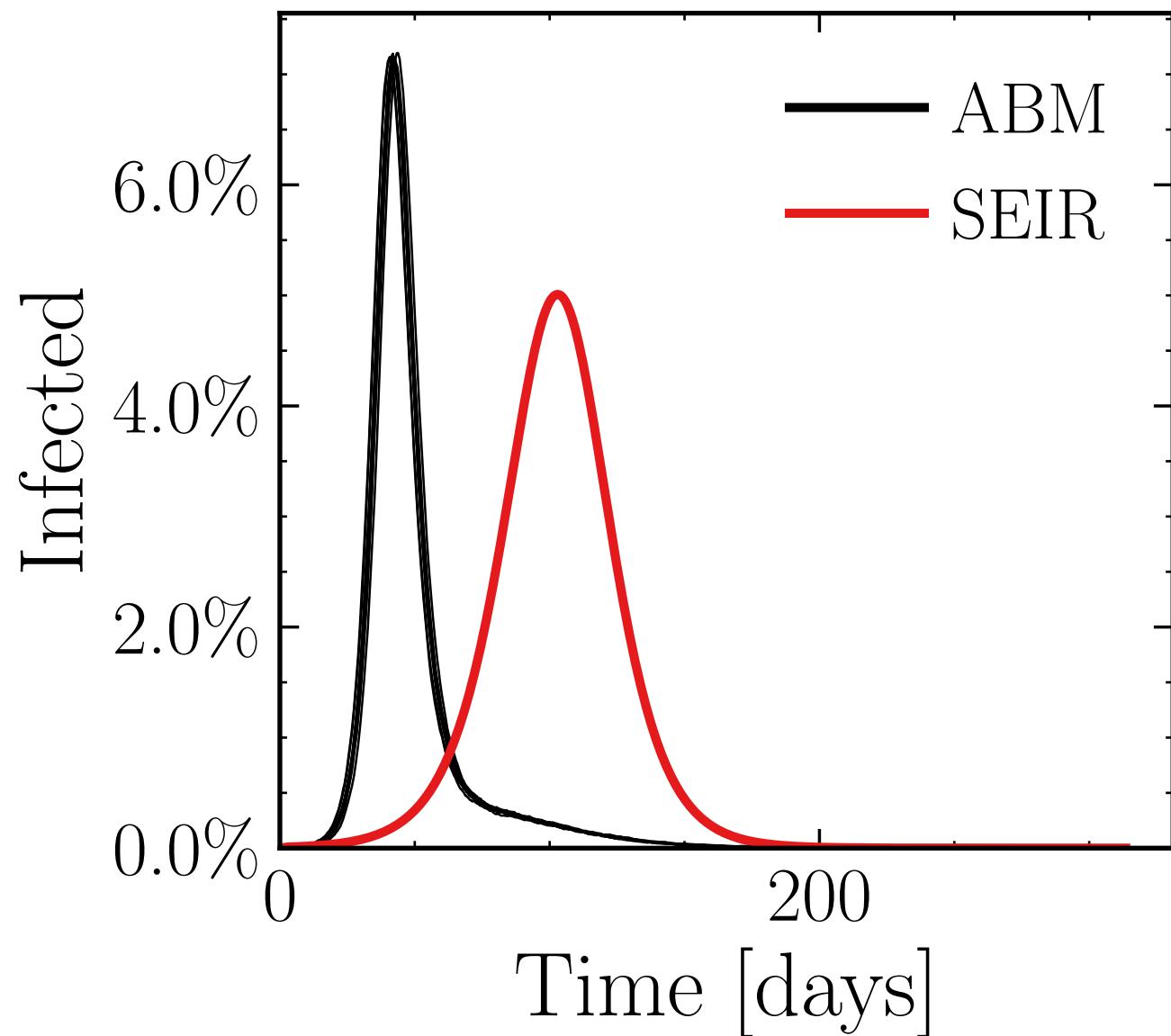
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 6c7eeb83a8, #10

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



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

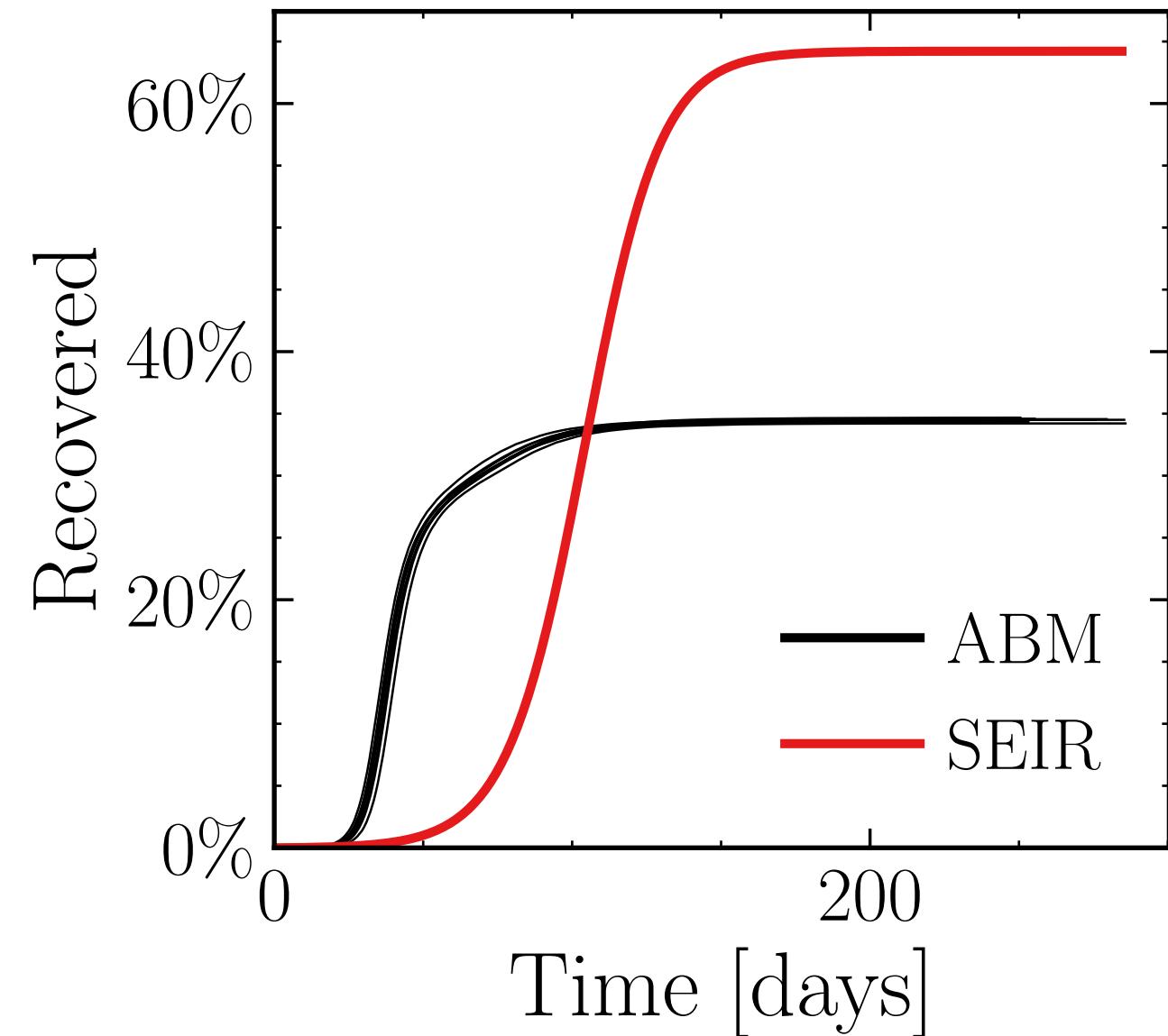
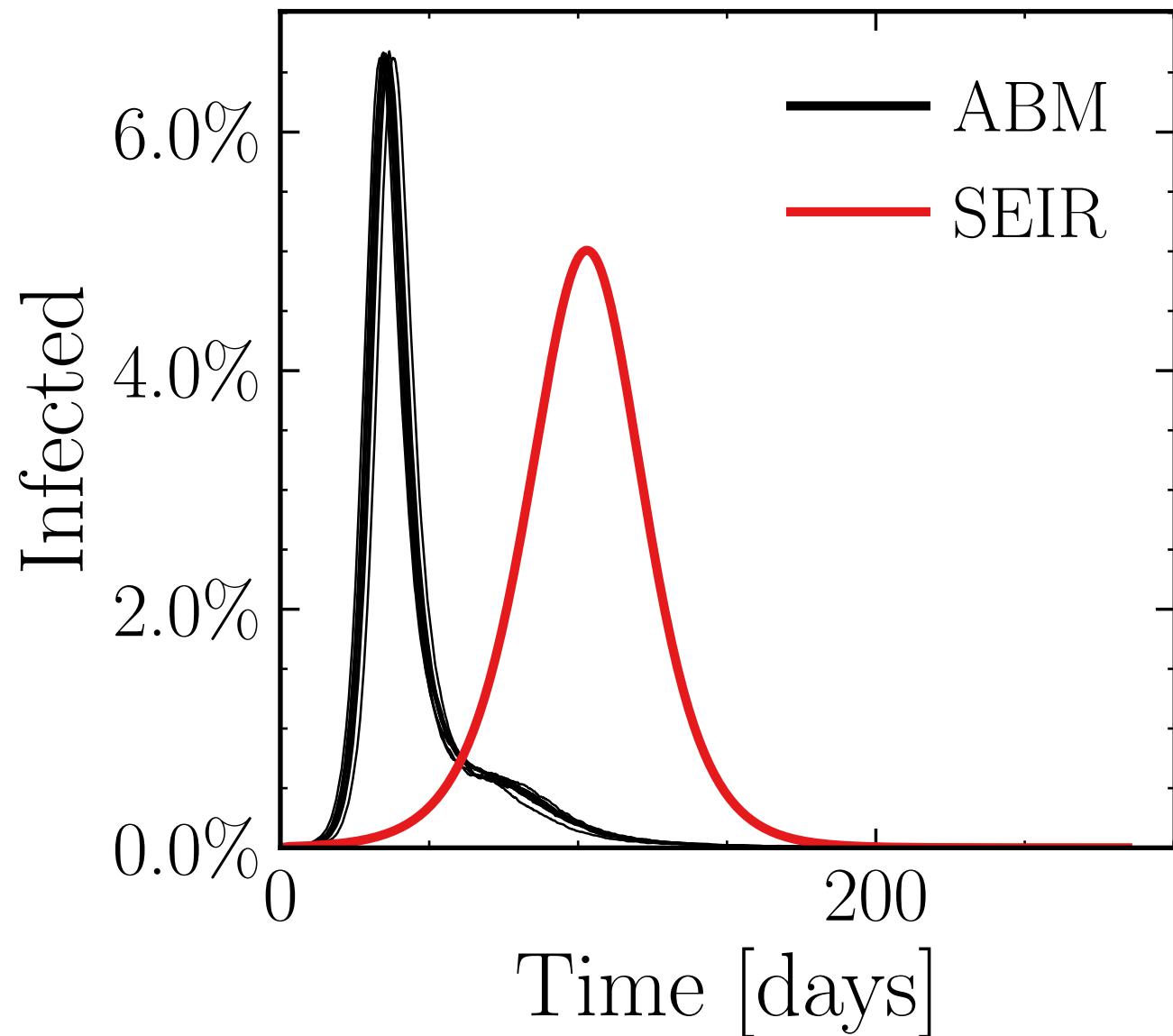
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 2c37a13edb, #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, $N_{\text{init}} = 100$

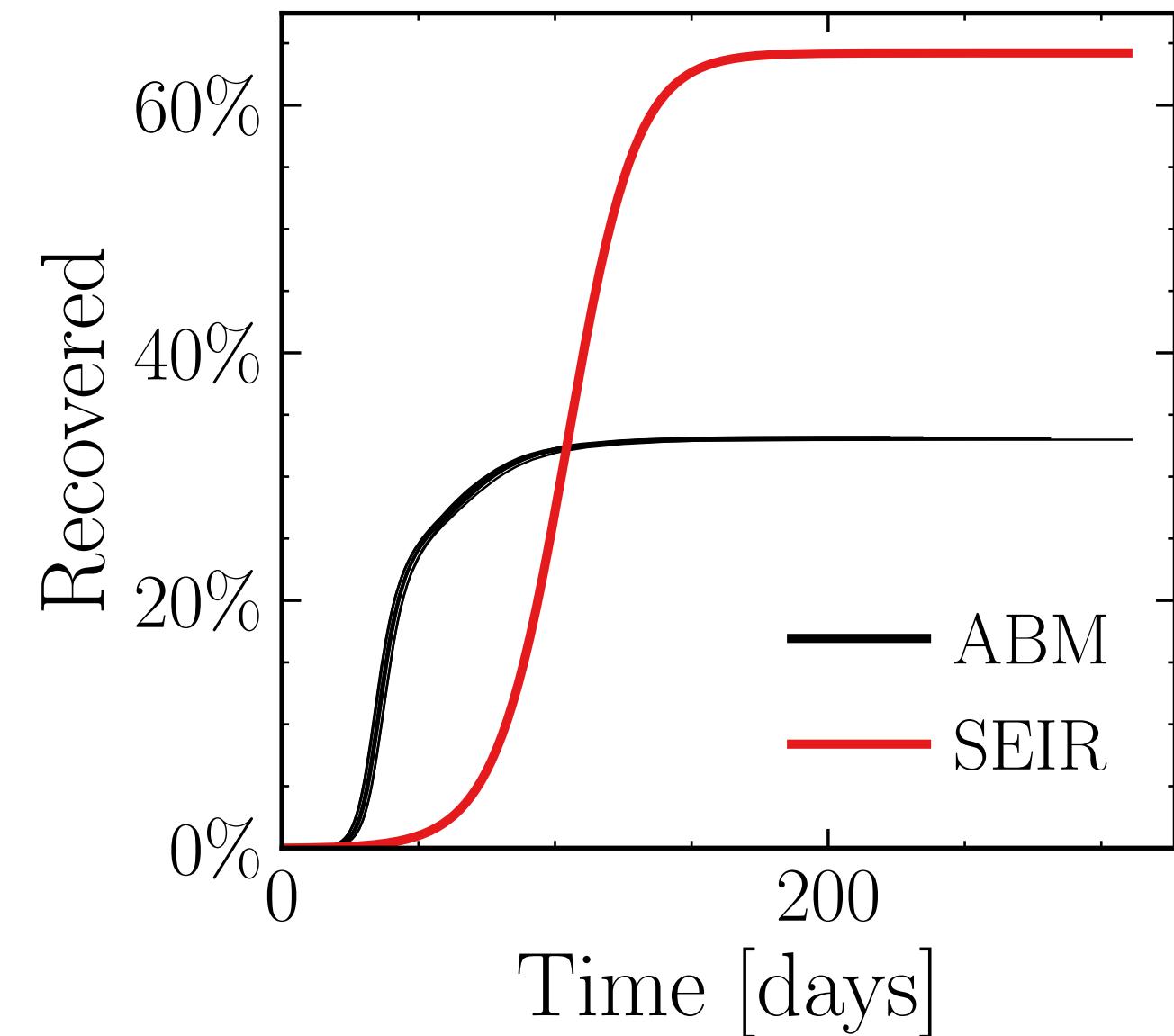
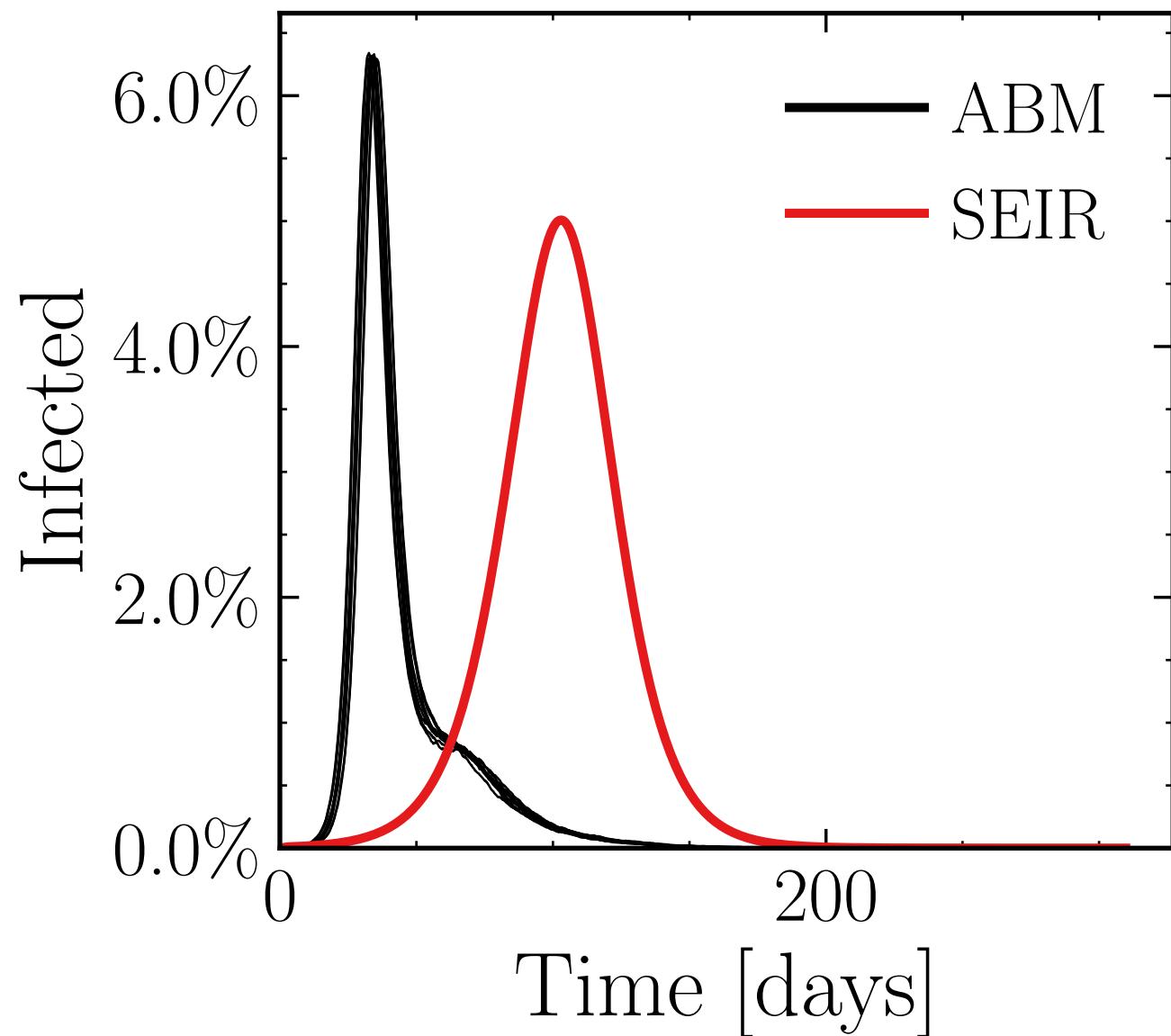
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 0e48fb18e8, #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, $N_{\text{init}} = 100$

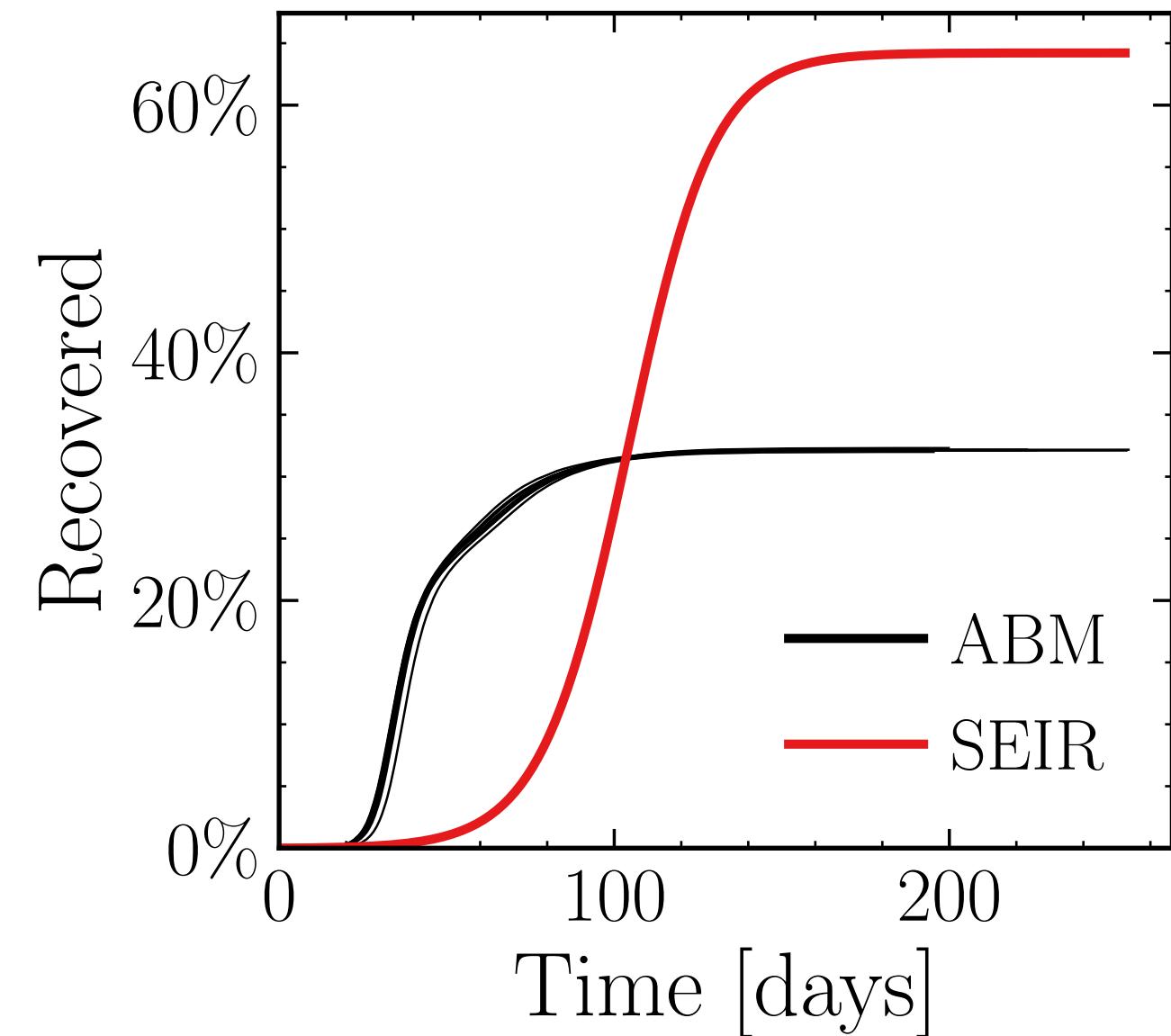
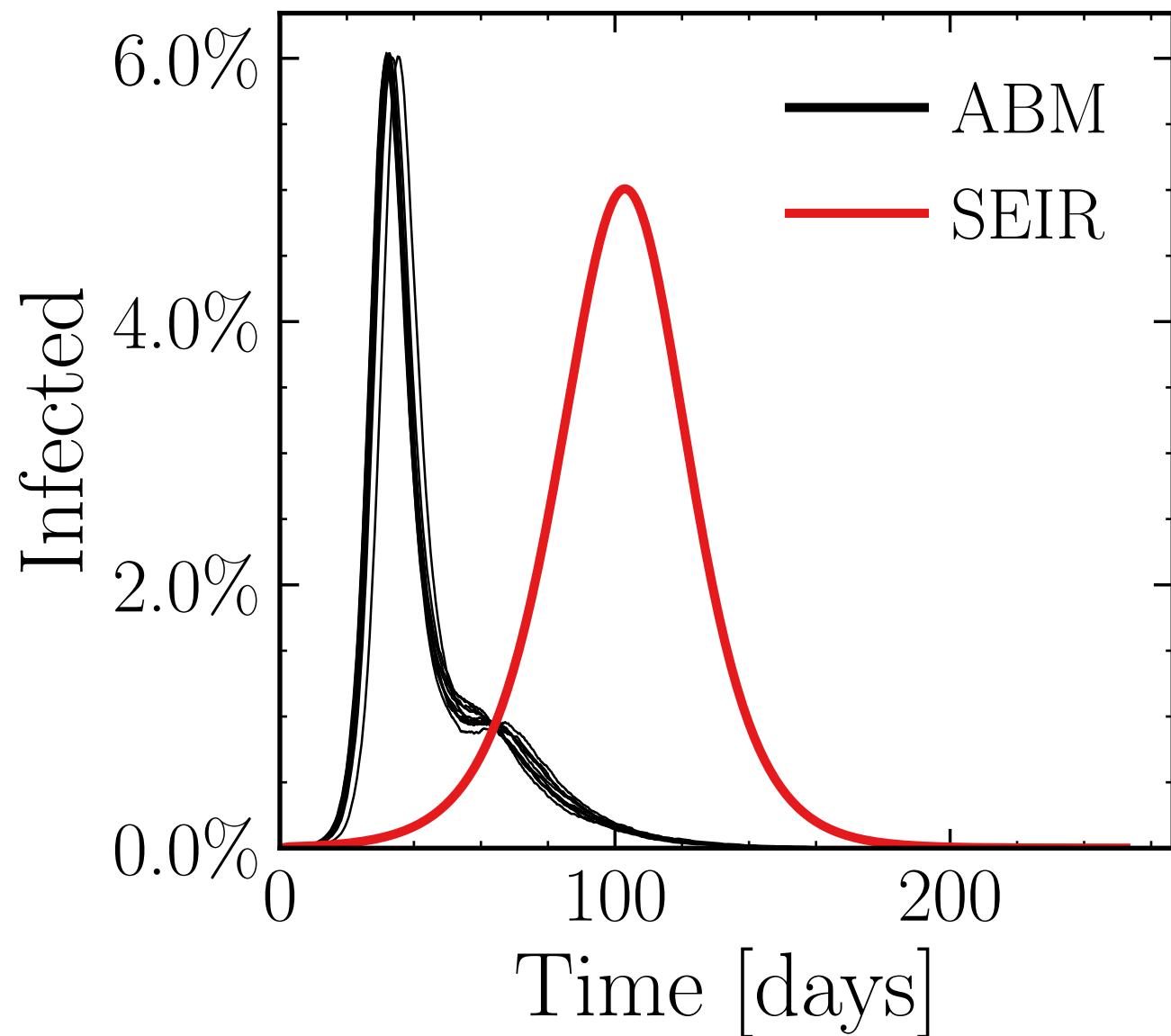
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 79c85e98c8, #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, $N_{\text{init}} = 100$

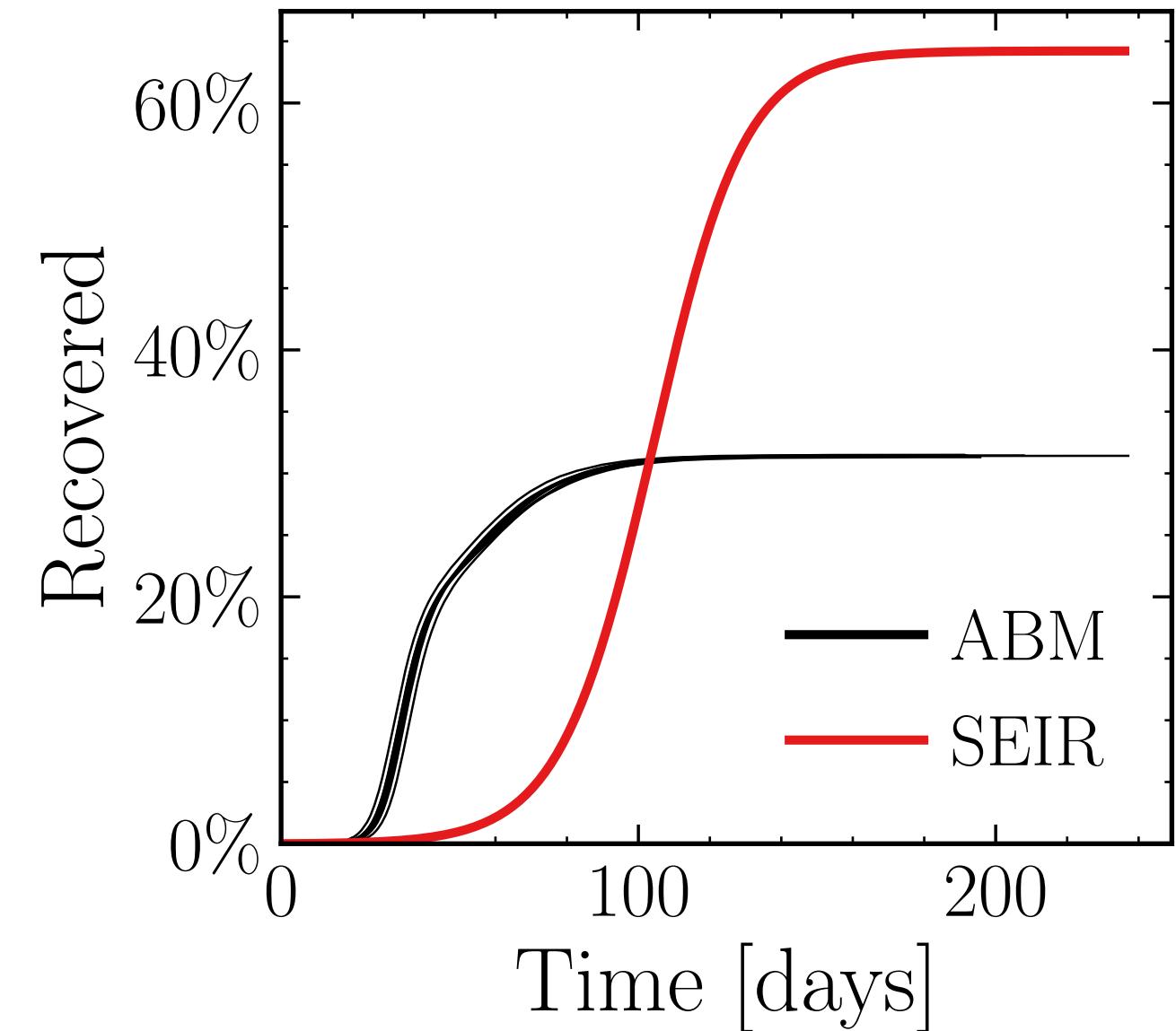
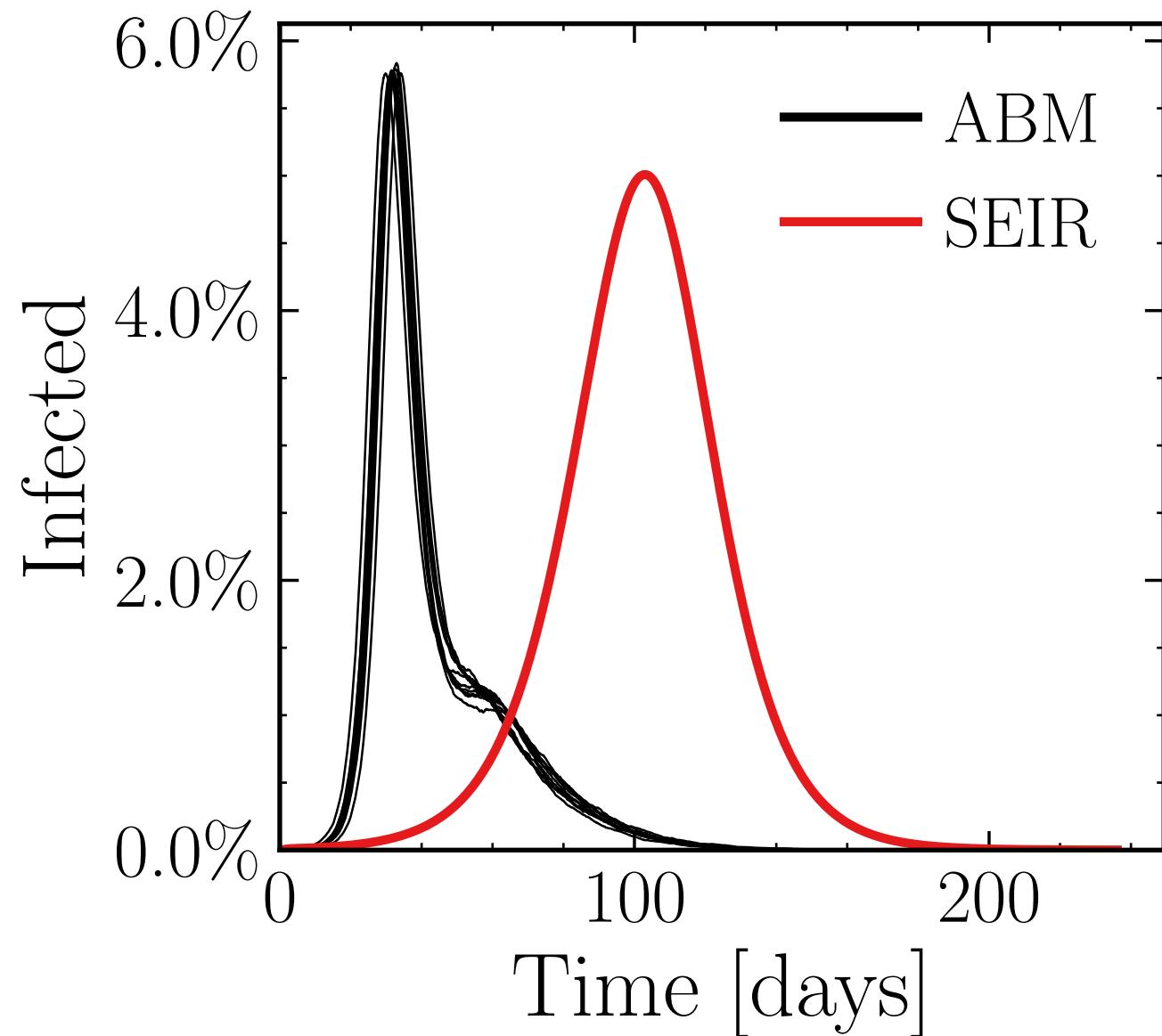
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = a169b0d9f8, #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, $N_{\text{init}} = 100$

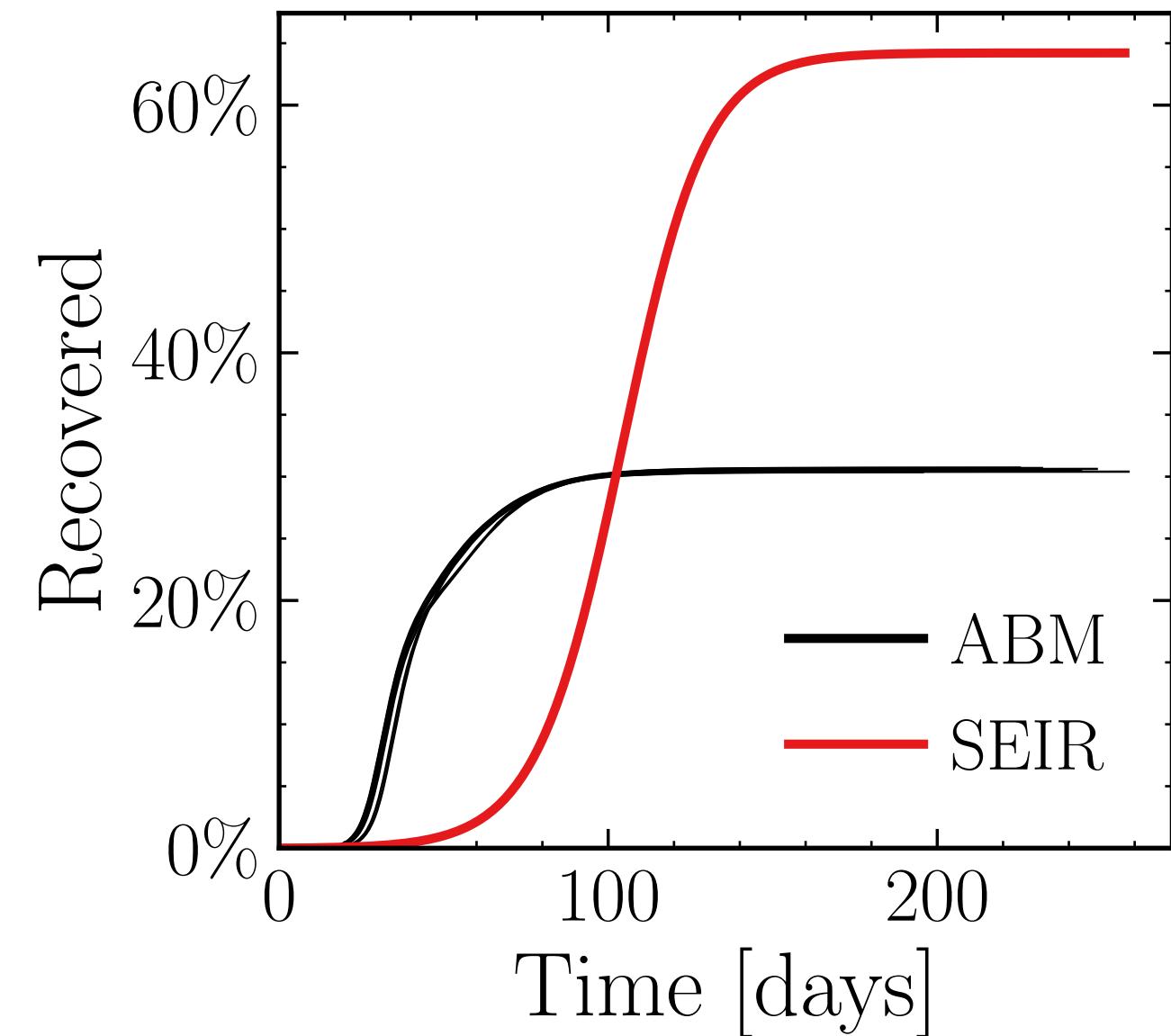
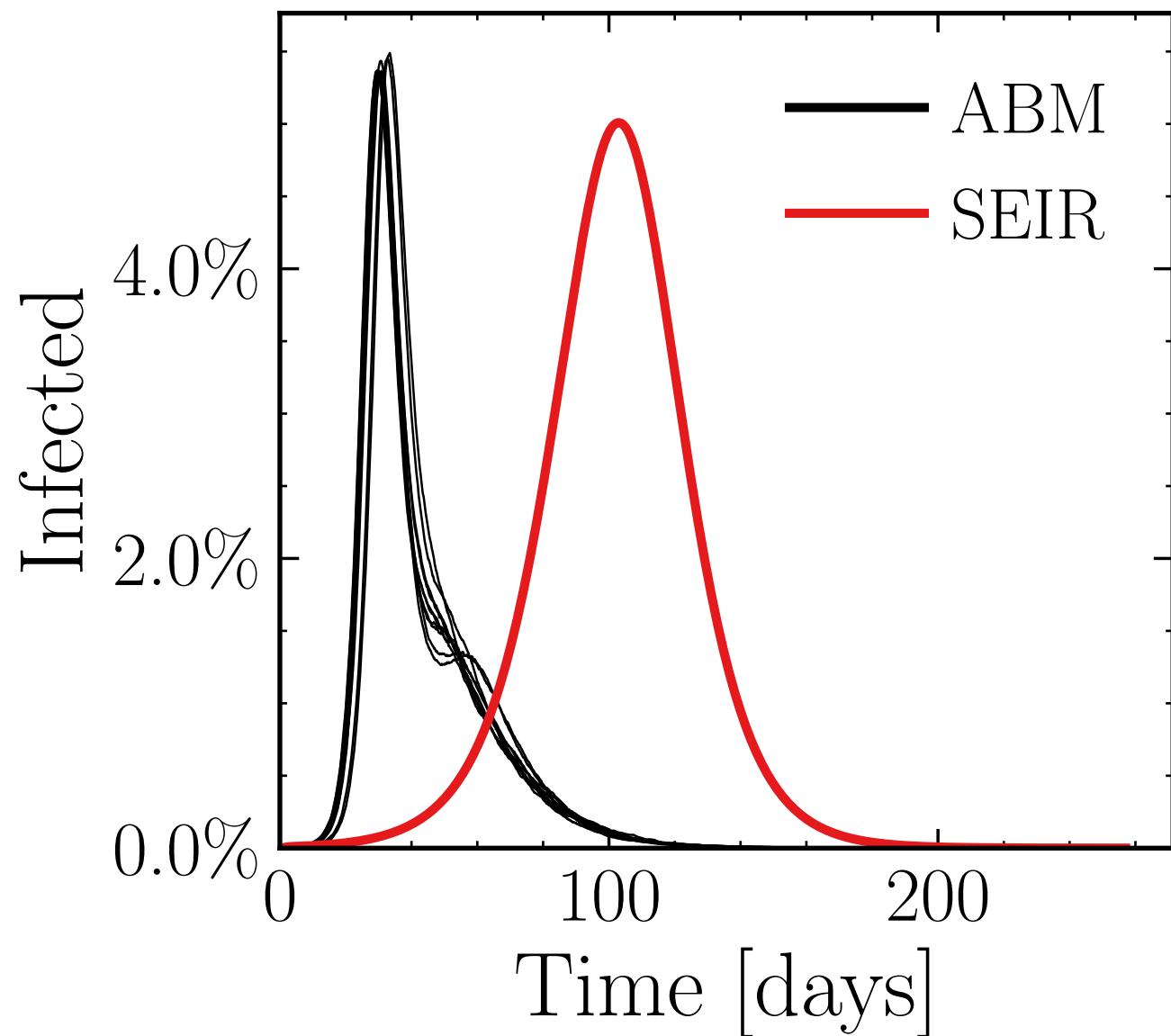
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 07243c7fb9, #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, $N_{\text{init}} = 100$

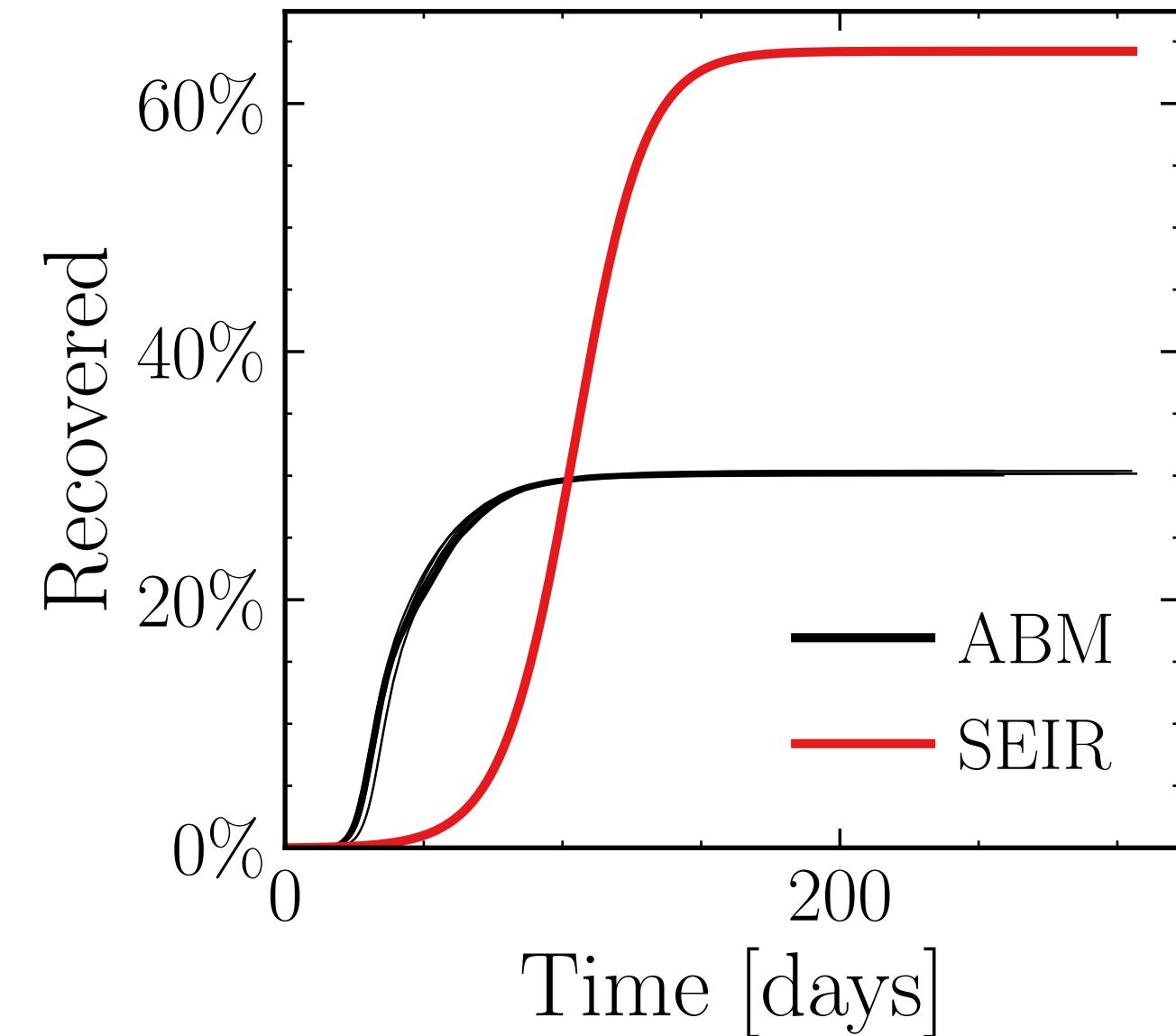
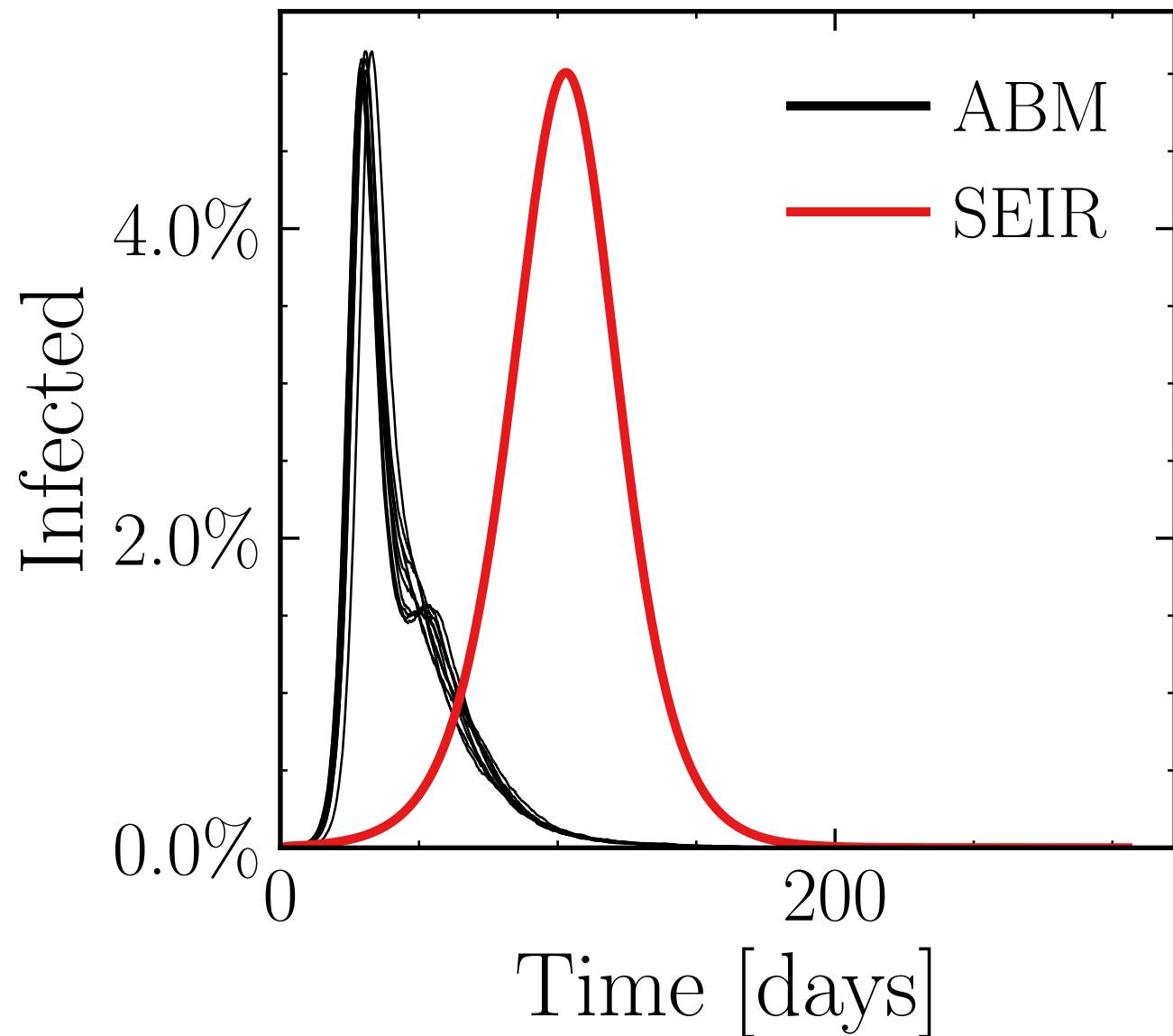
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = fce3958141, #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, $N_{\text{init}} = 100$

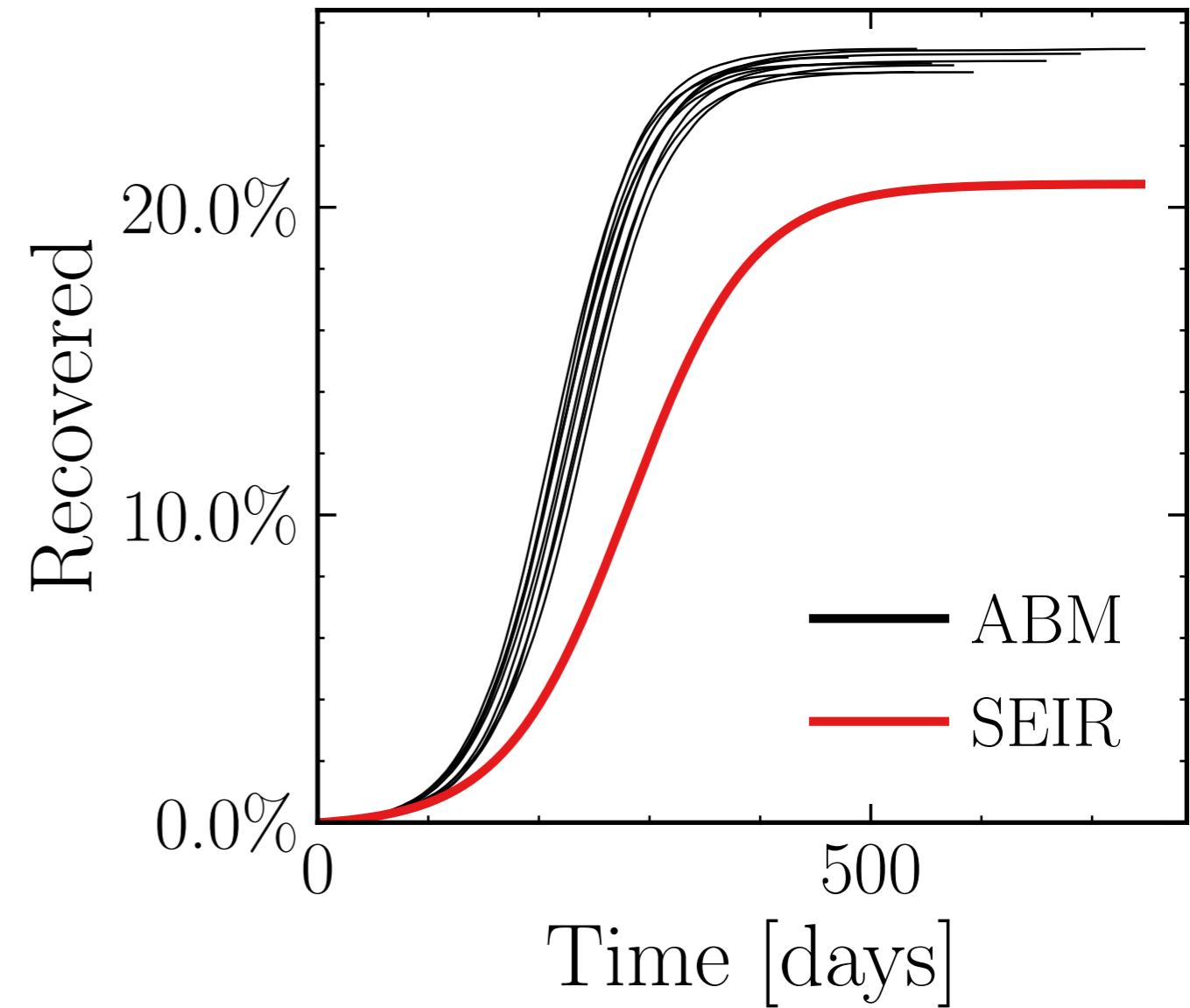
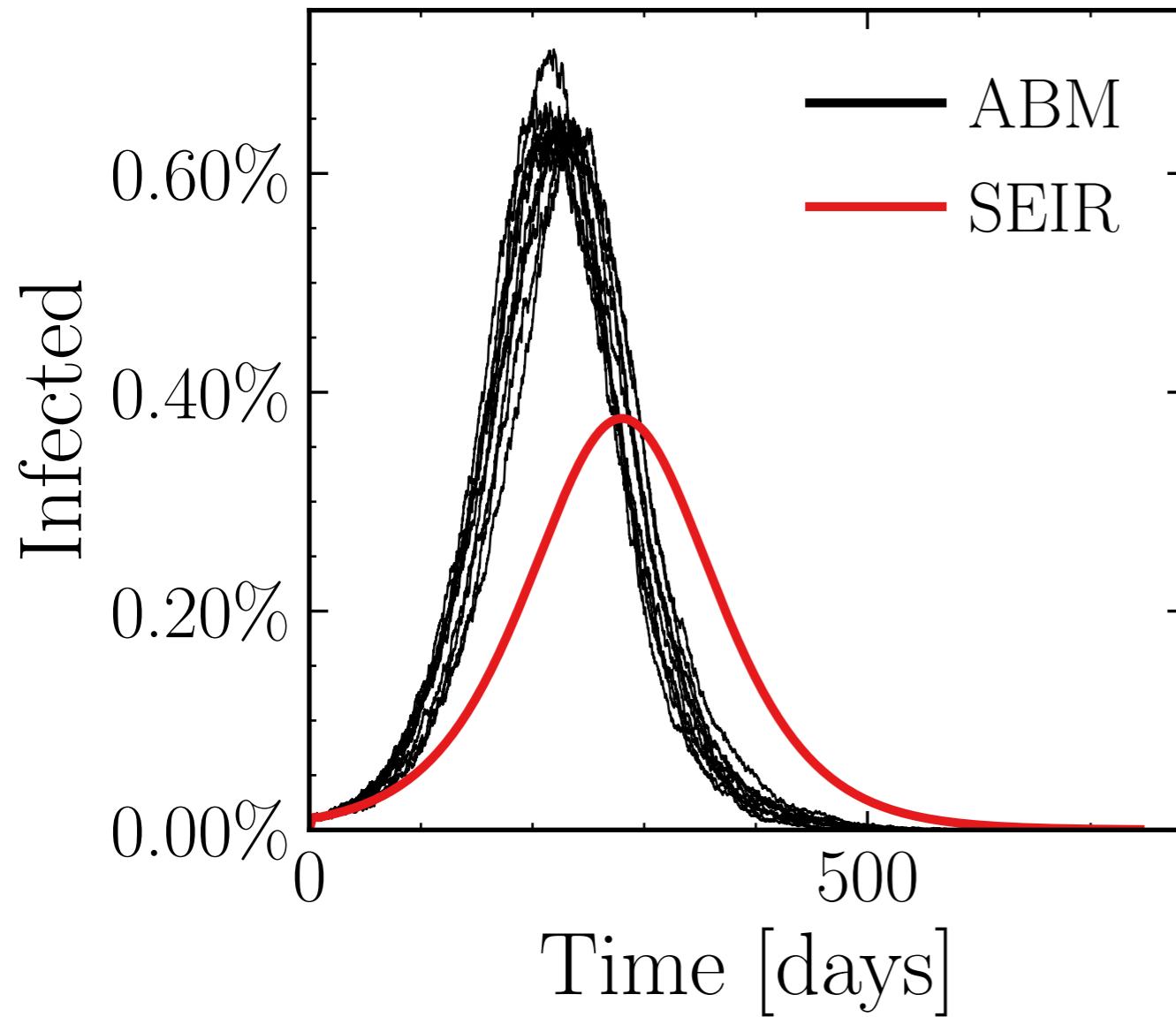
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

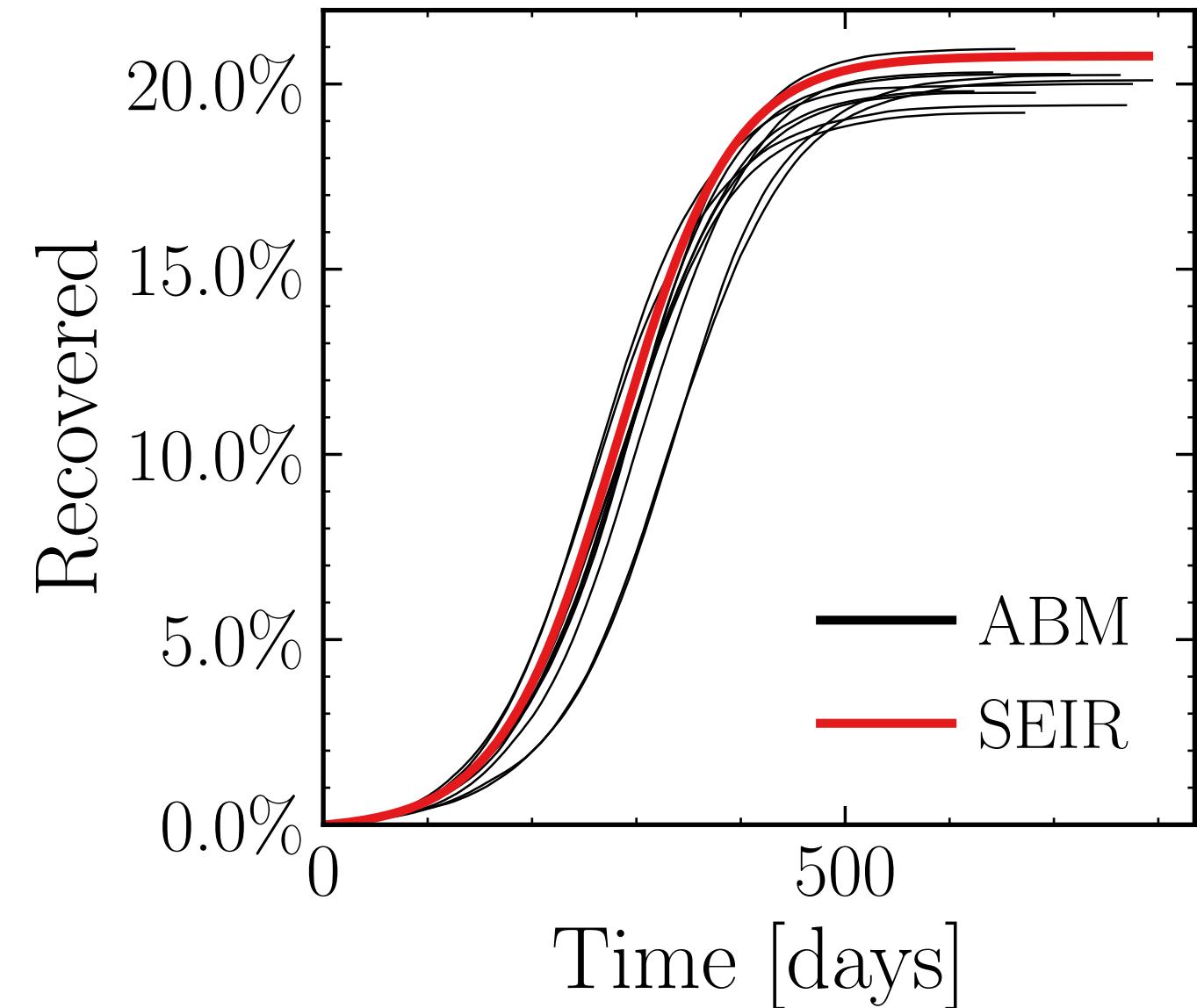
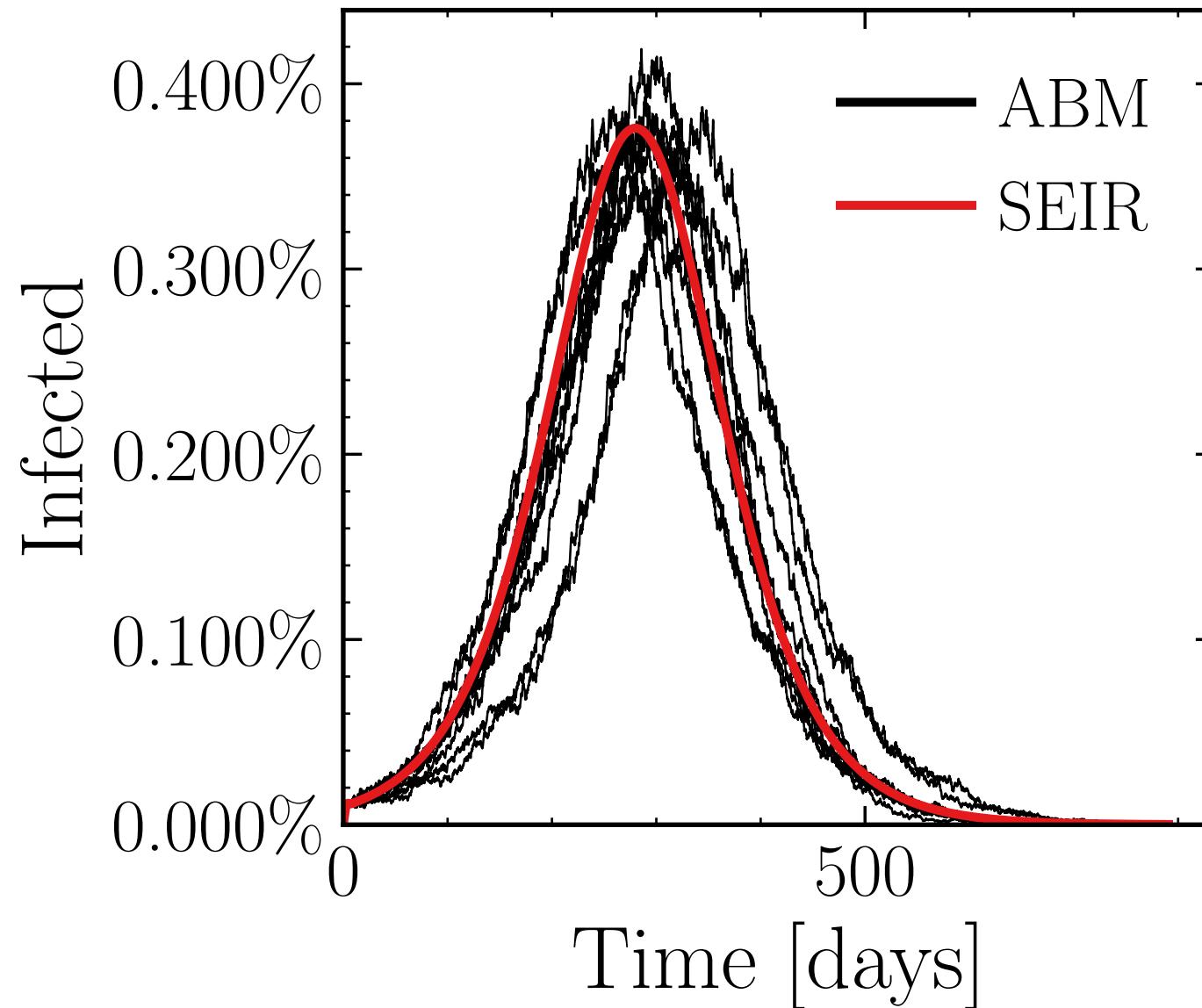
$I_{\text{peak}}^{\text{ABM}} = (3.81 \pm 1.0\%) \cdot 10^3$

v. = 1.0, hash = e4c8fddf2b, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (2.21 \pm 1.4\%) \cdot 10^3$ v. = 1.0, hash = 0f7e26fe46, #10
 $R_\infty^{\text{ABM}} = (116.1 \pm 0.73\%) \cdot 10^3$



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

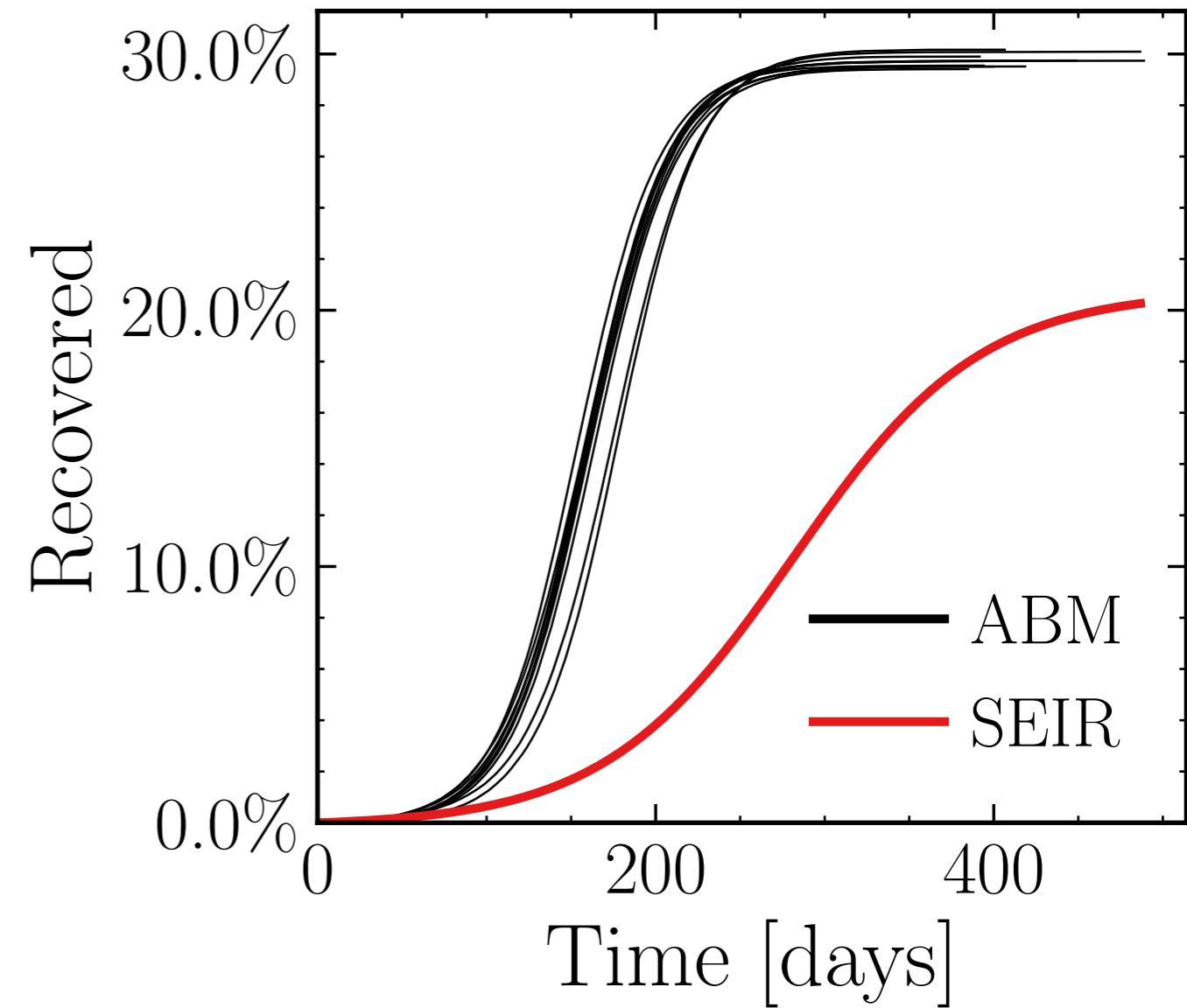
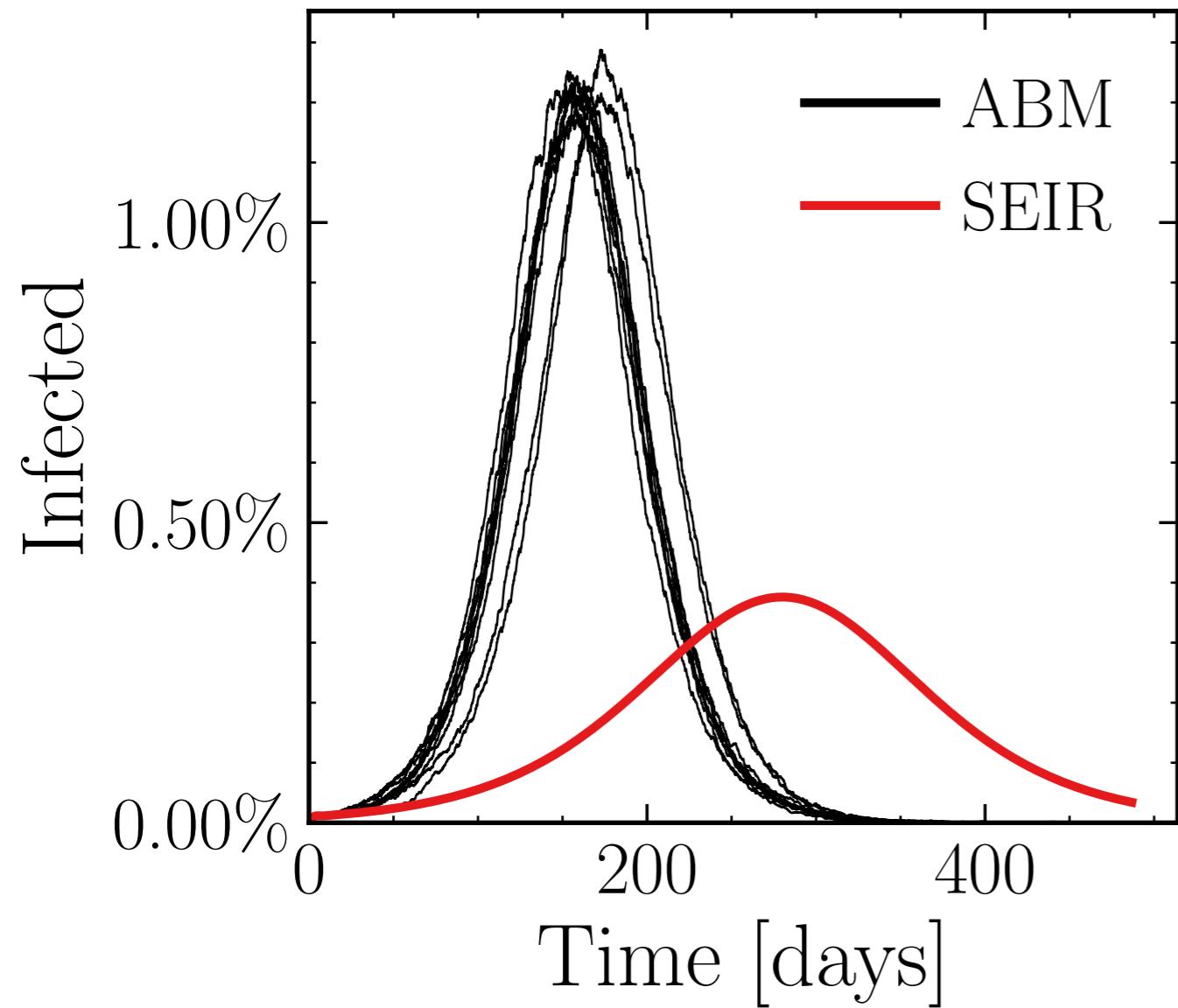
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = c52f21071a, #10

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



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

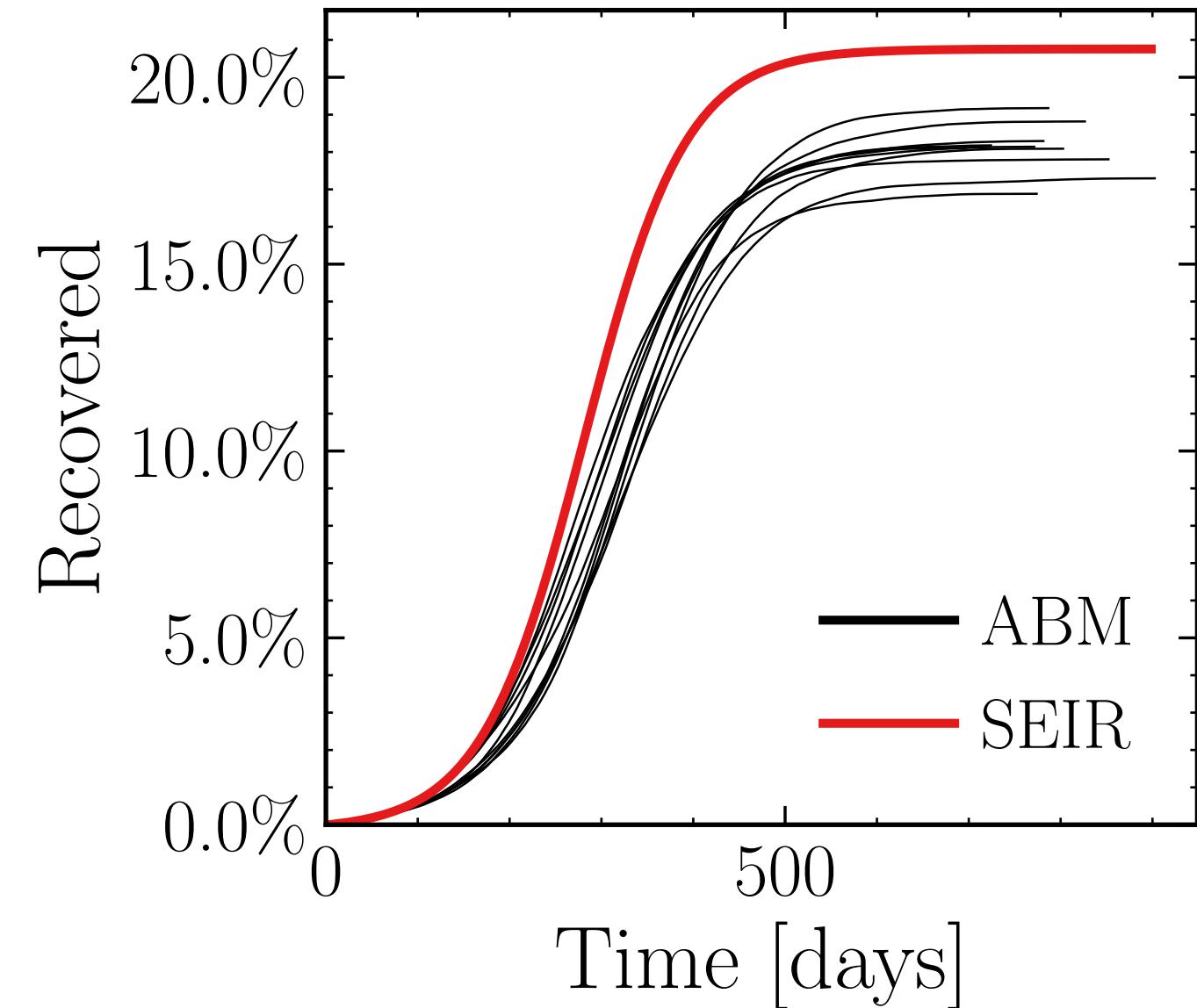
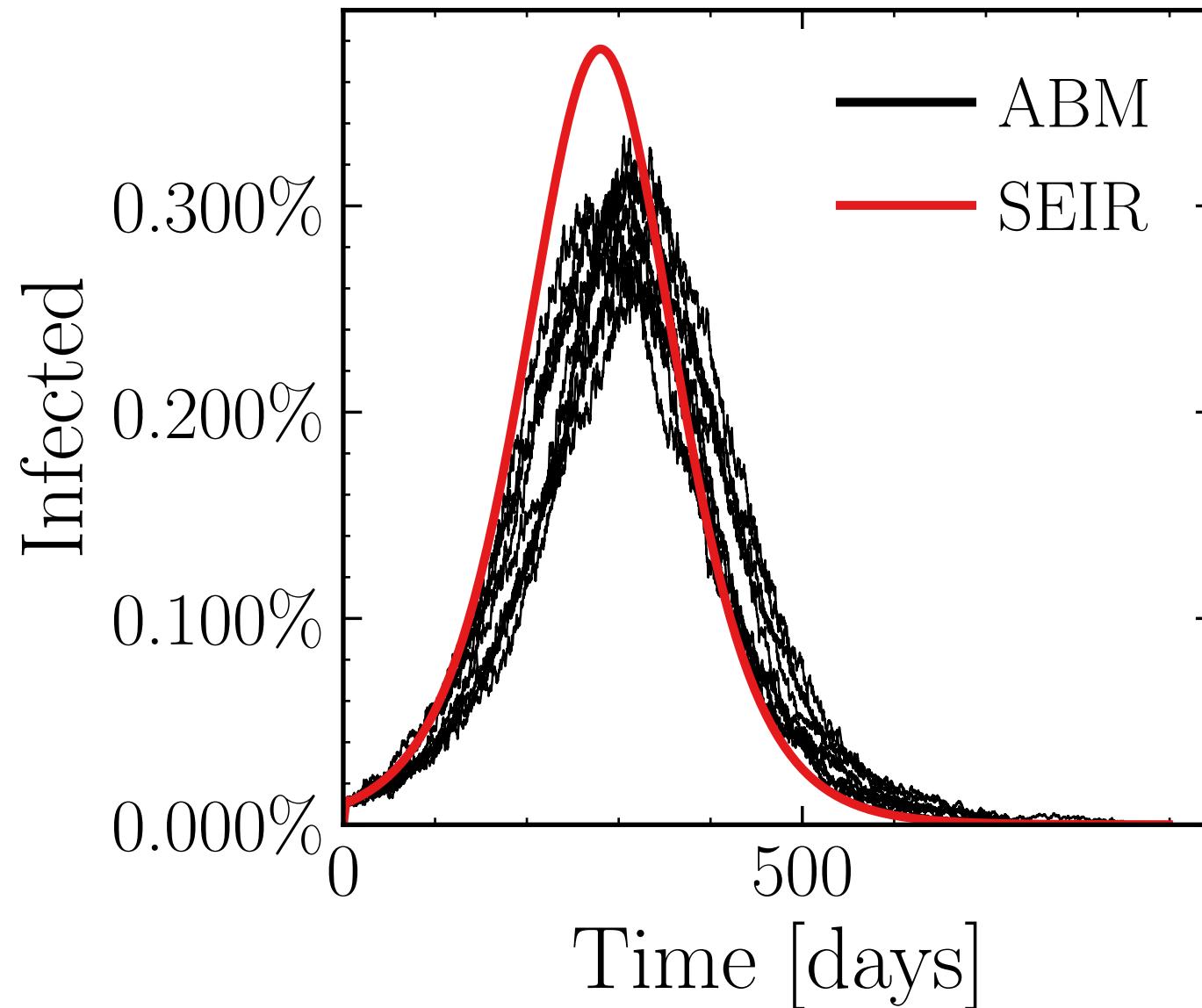
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

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

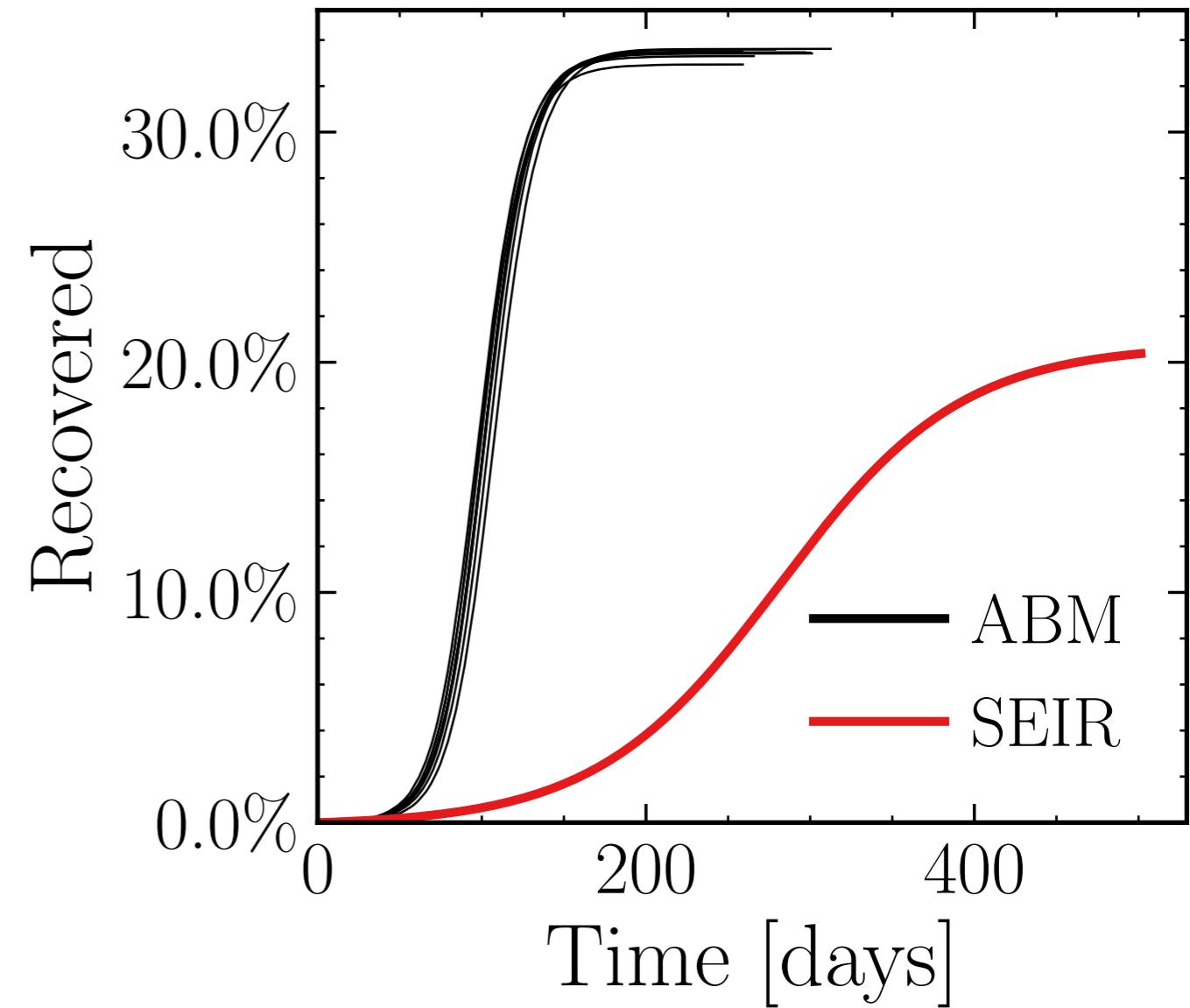
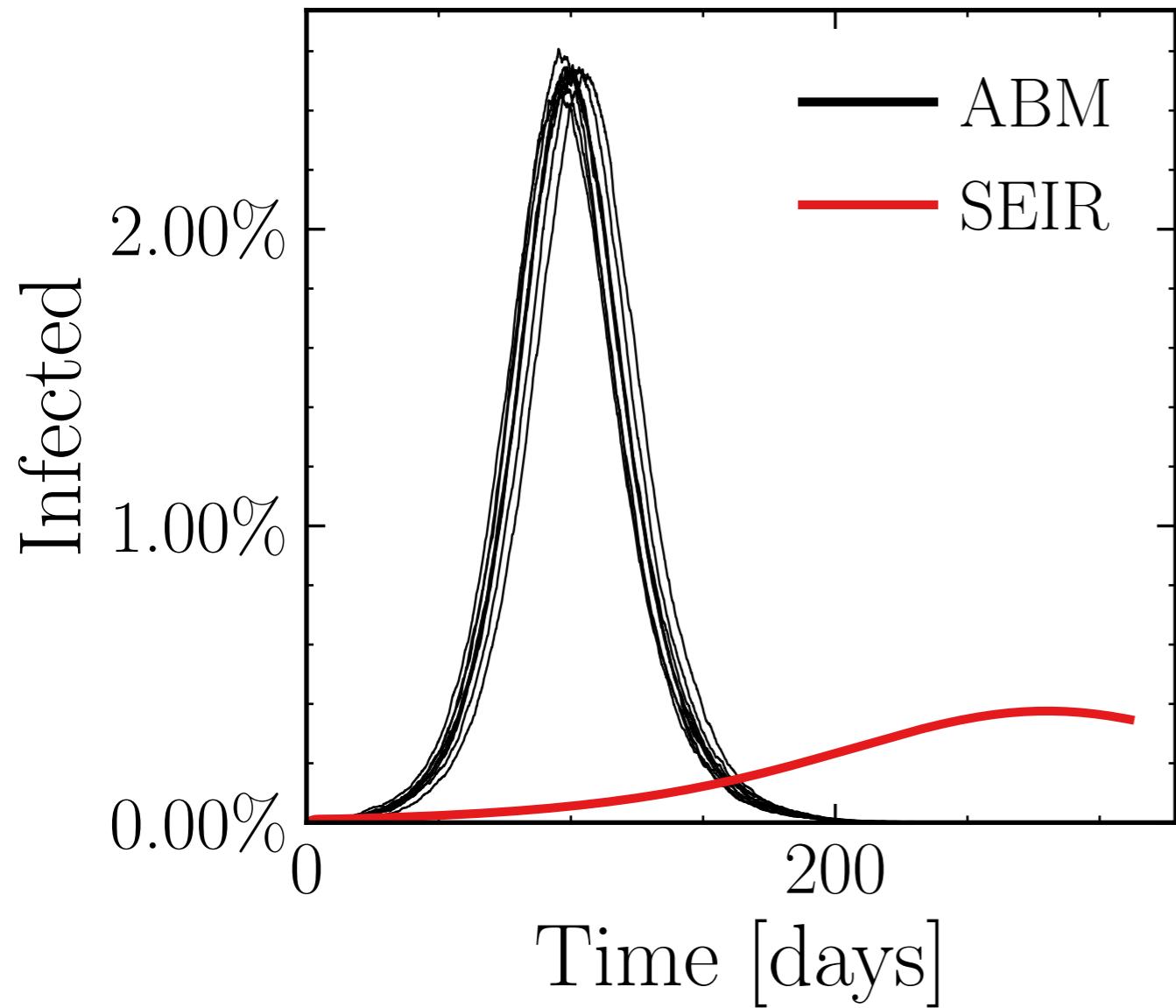
$I_{\text{peak}}^{\text{ABM}} = (1.75 \pm 2.1\%) \cdot 10^3$

v. = 1.0, hash = e2a7725e2c, #10

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



$N_{\text{tot}} = 580K$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.007$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (14.7 \pm 0.39\%) \cdot 10^3$ v. = 1.0, hash = bb18d8fd95, #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, $N_{\text{init}} = 100$

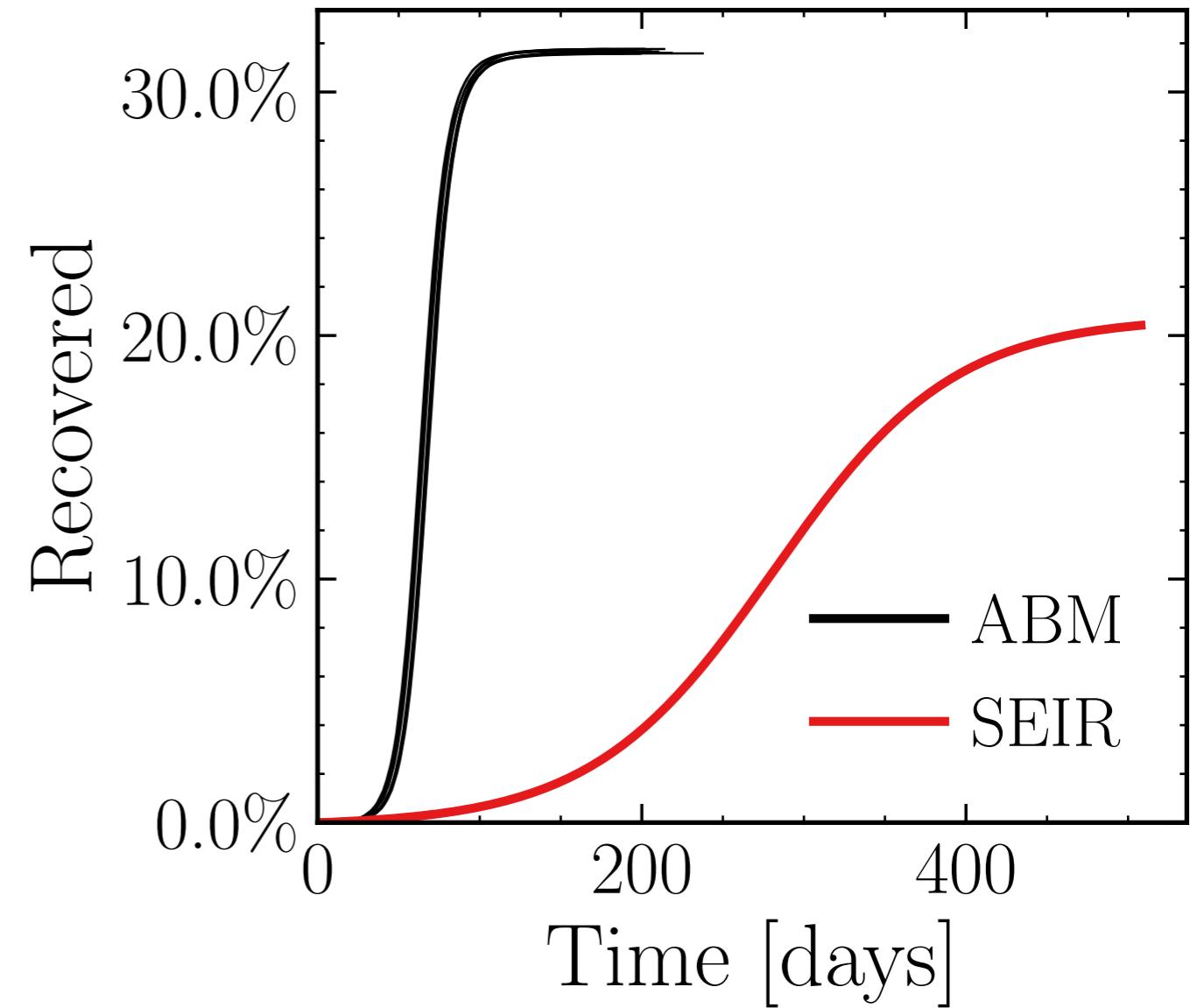
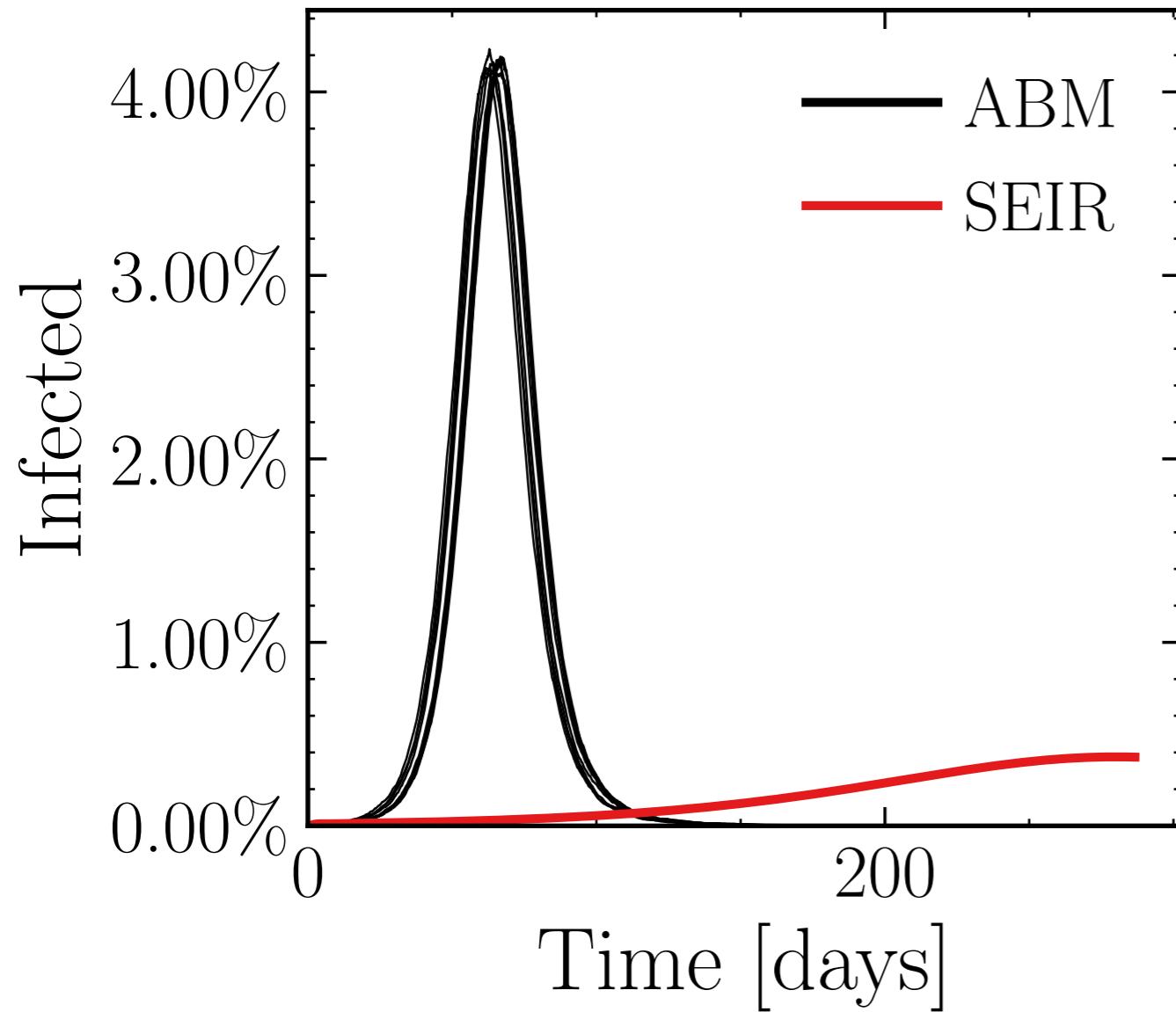
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 29713dc59e, #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, $N_{\text{init}} = 100$

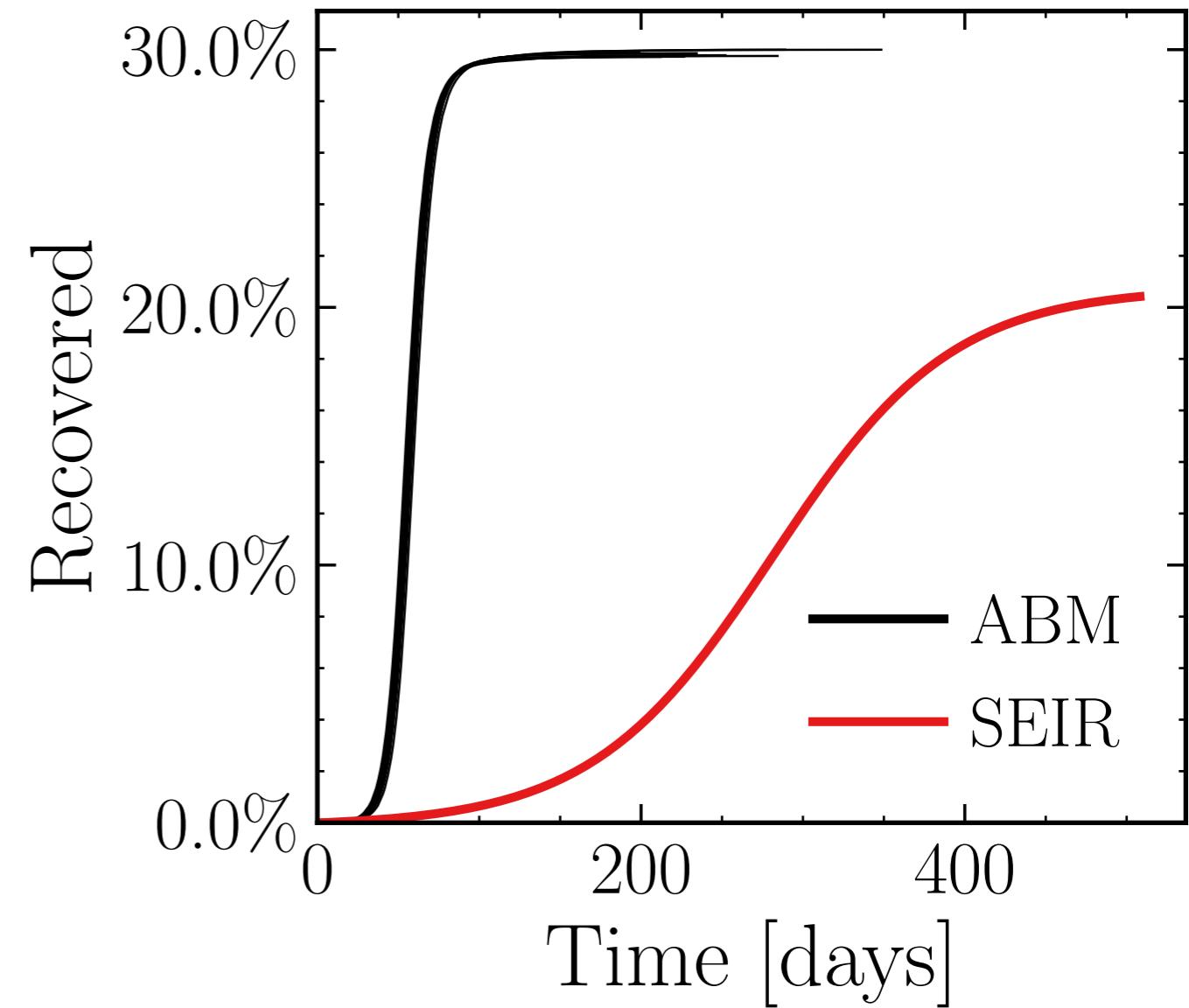
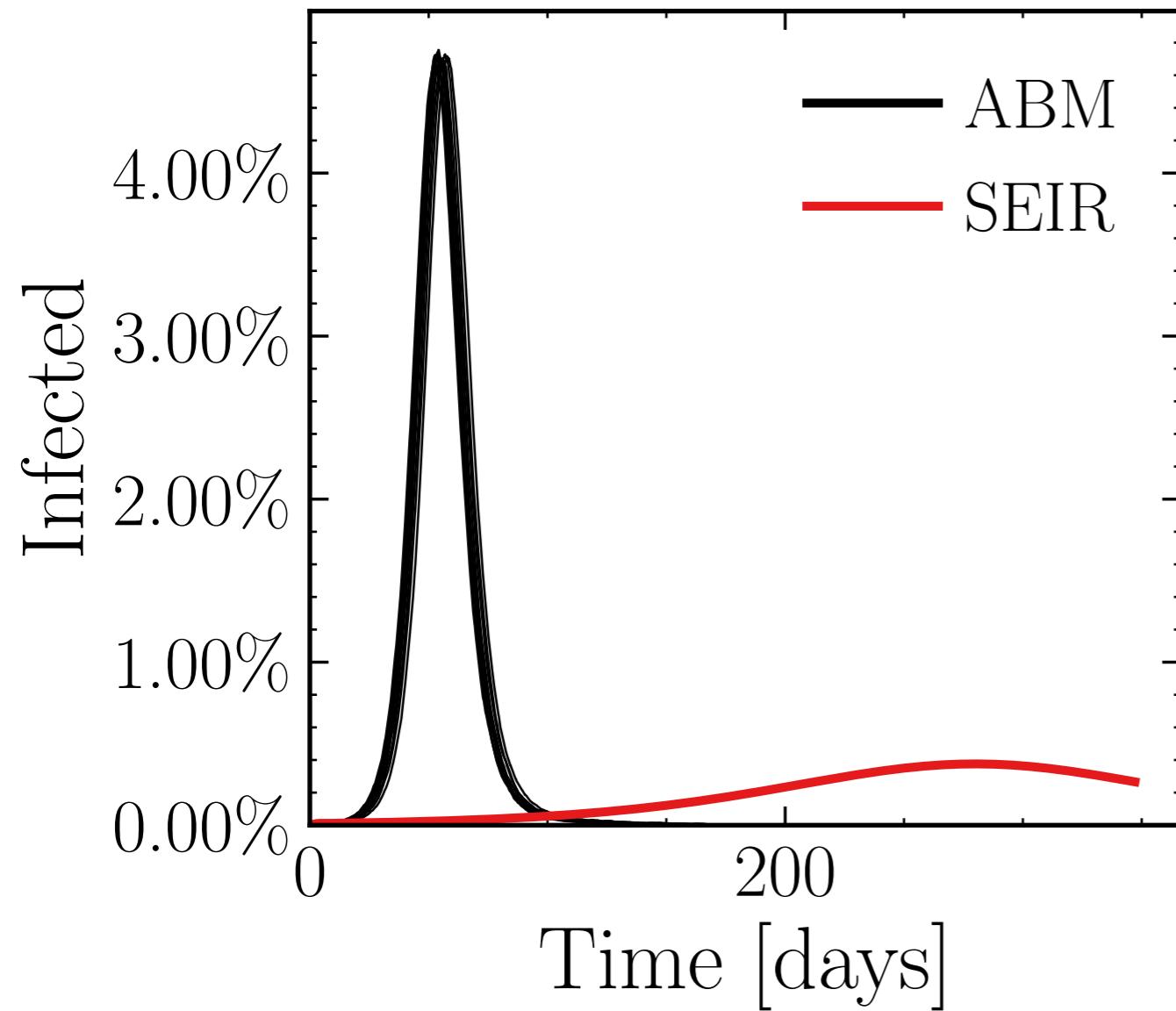
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5253e3f223, #10

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



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

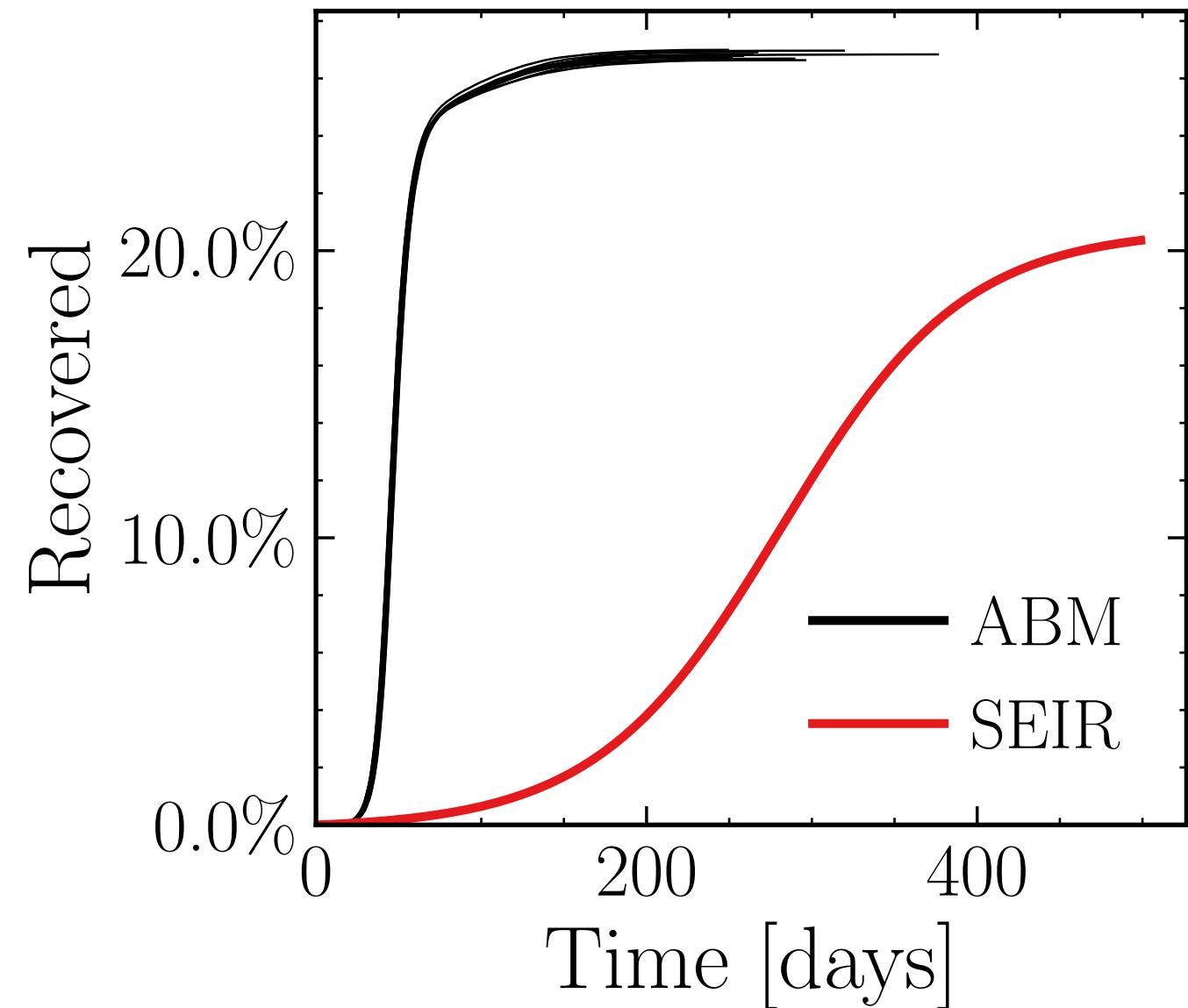
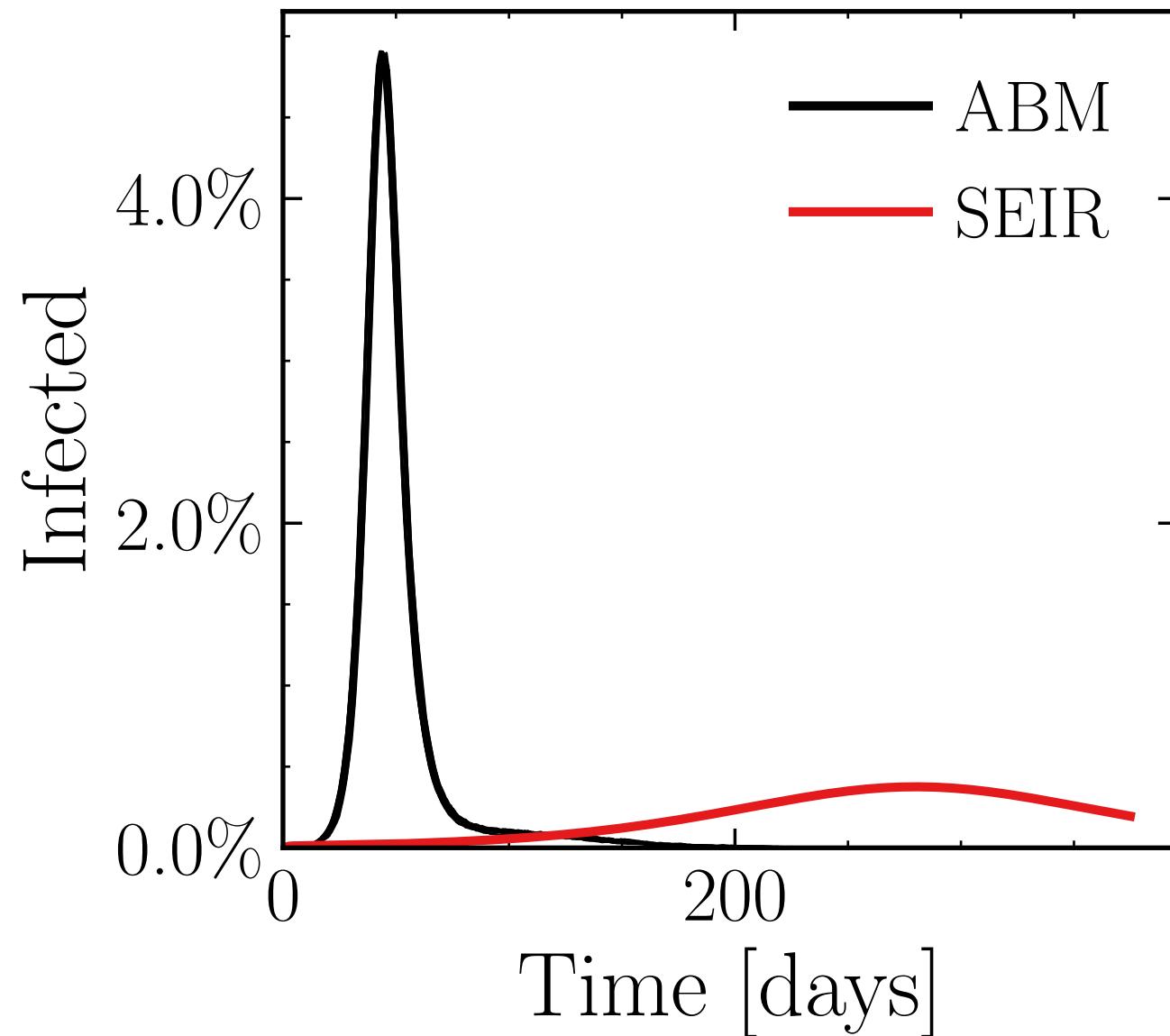
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 87b199f5ed, #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, $N_{\text{init}} = 100$

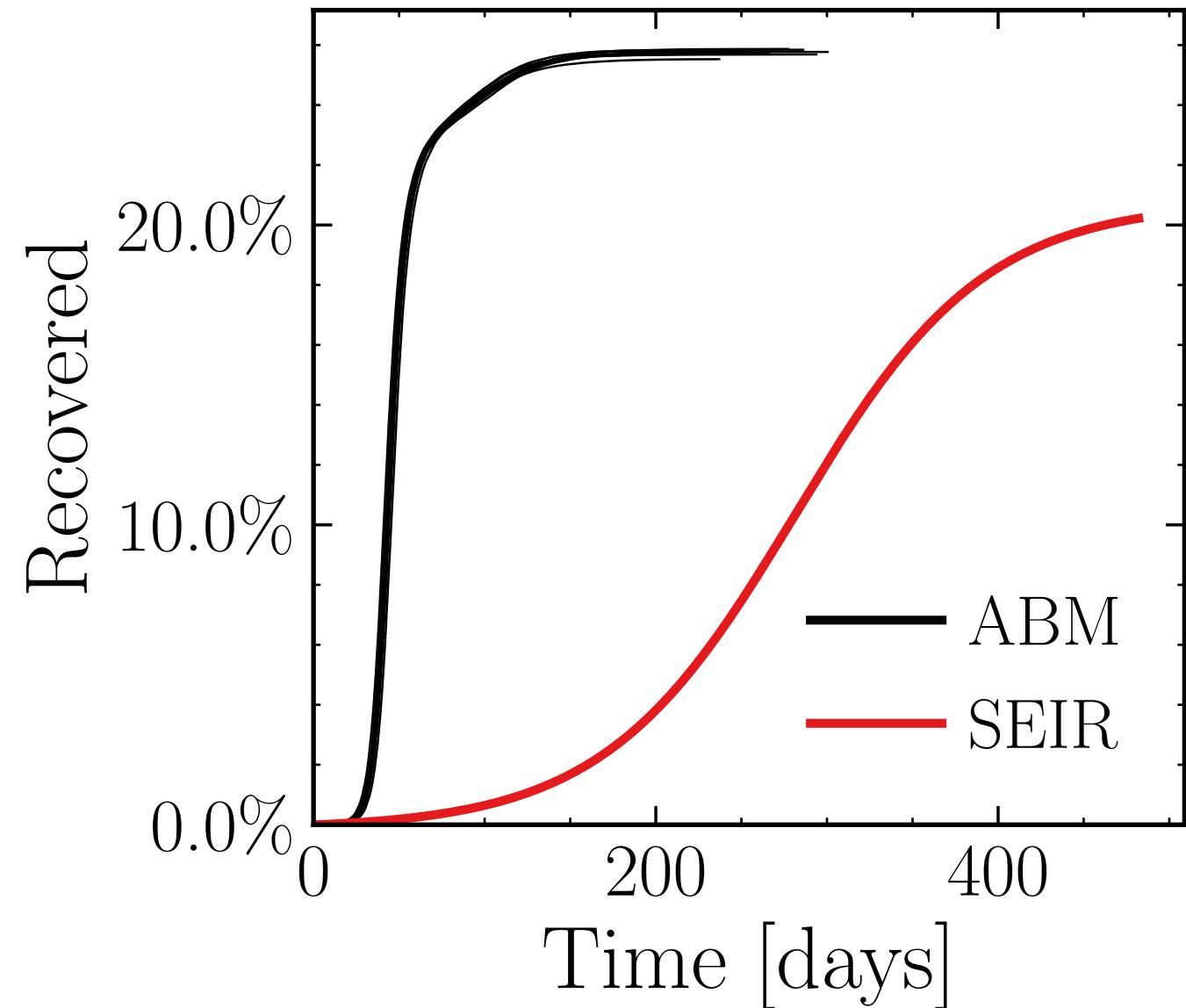
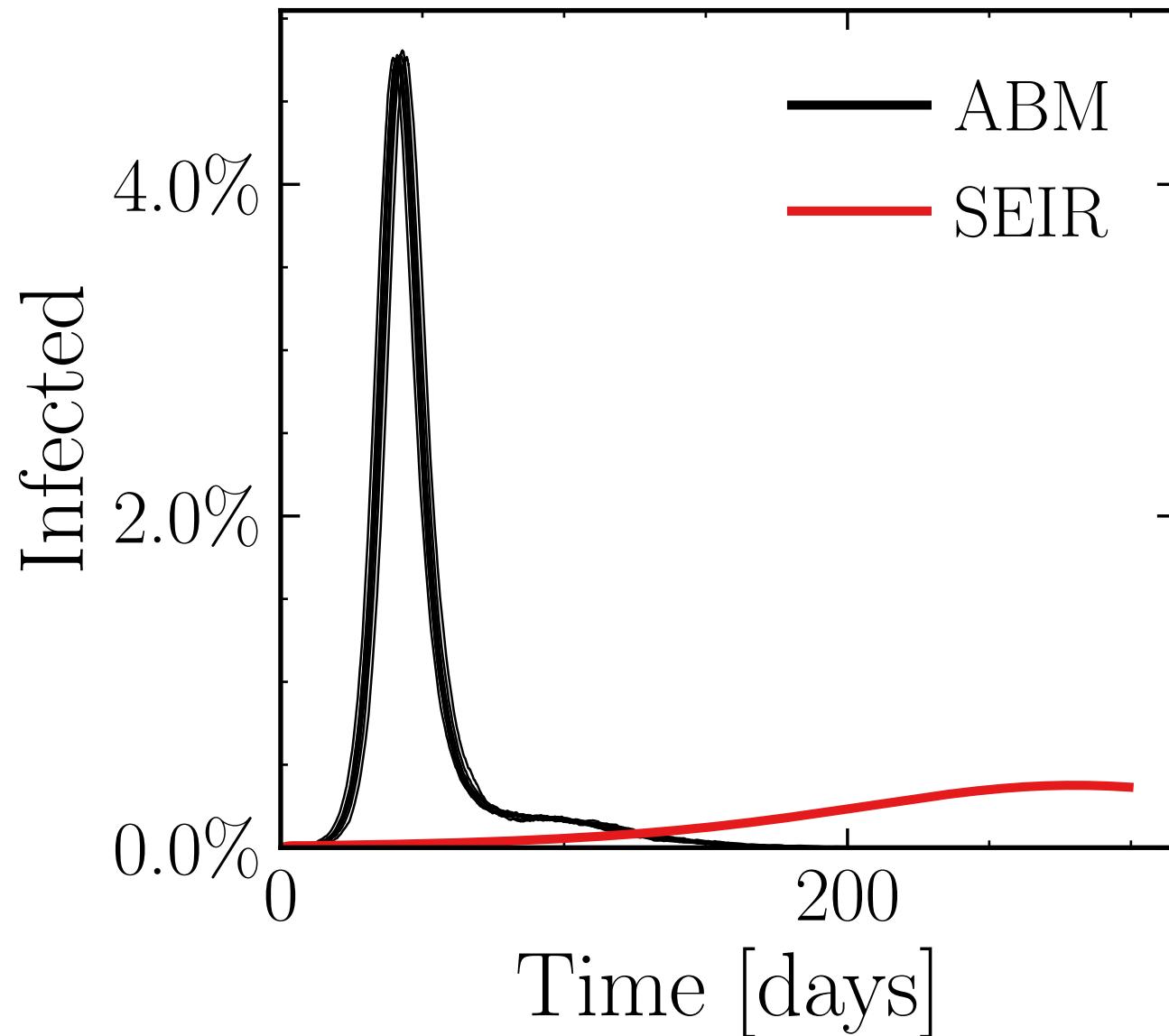
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

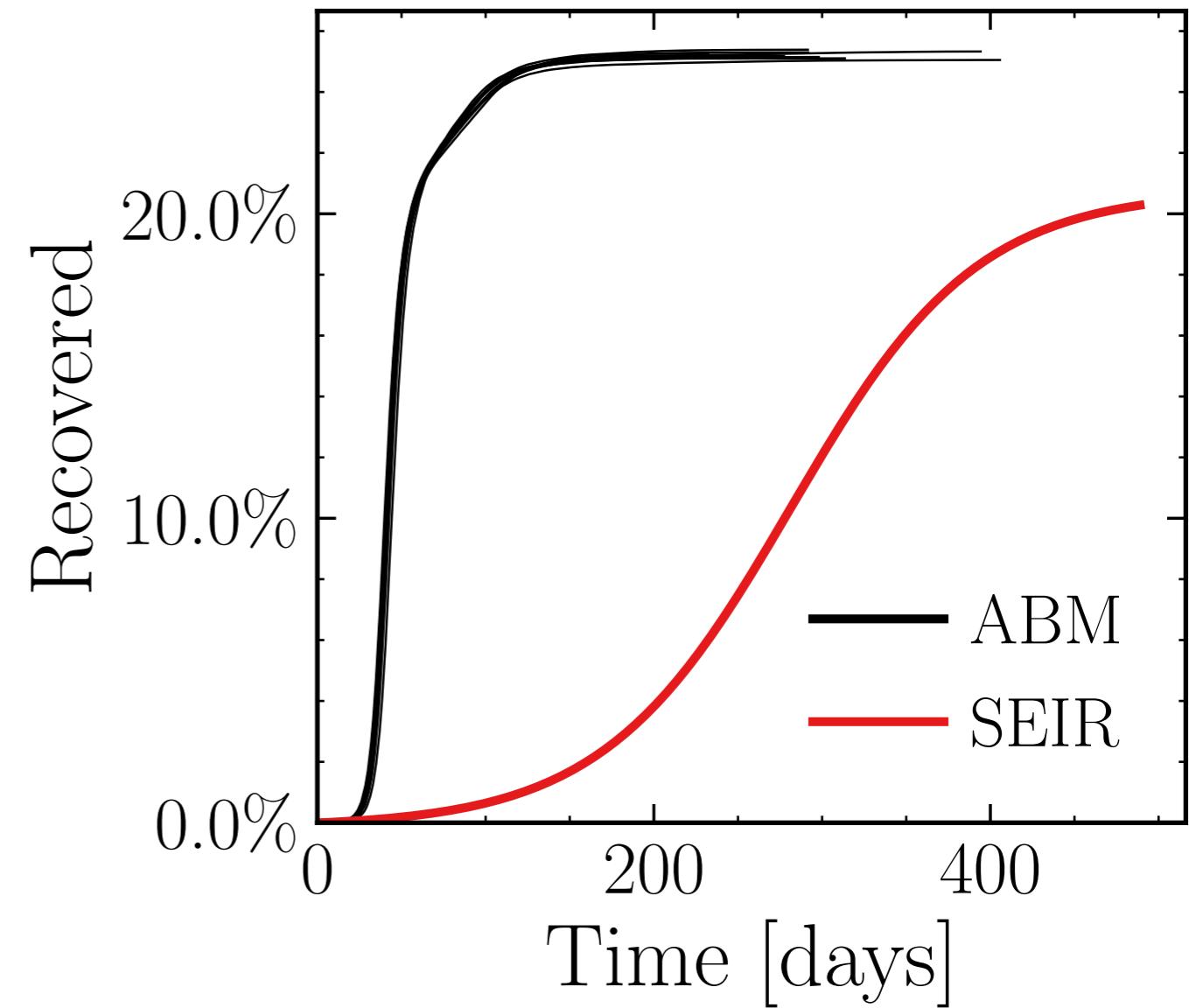
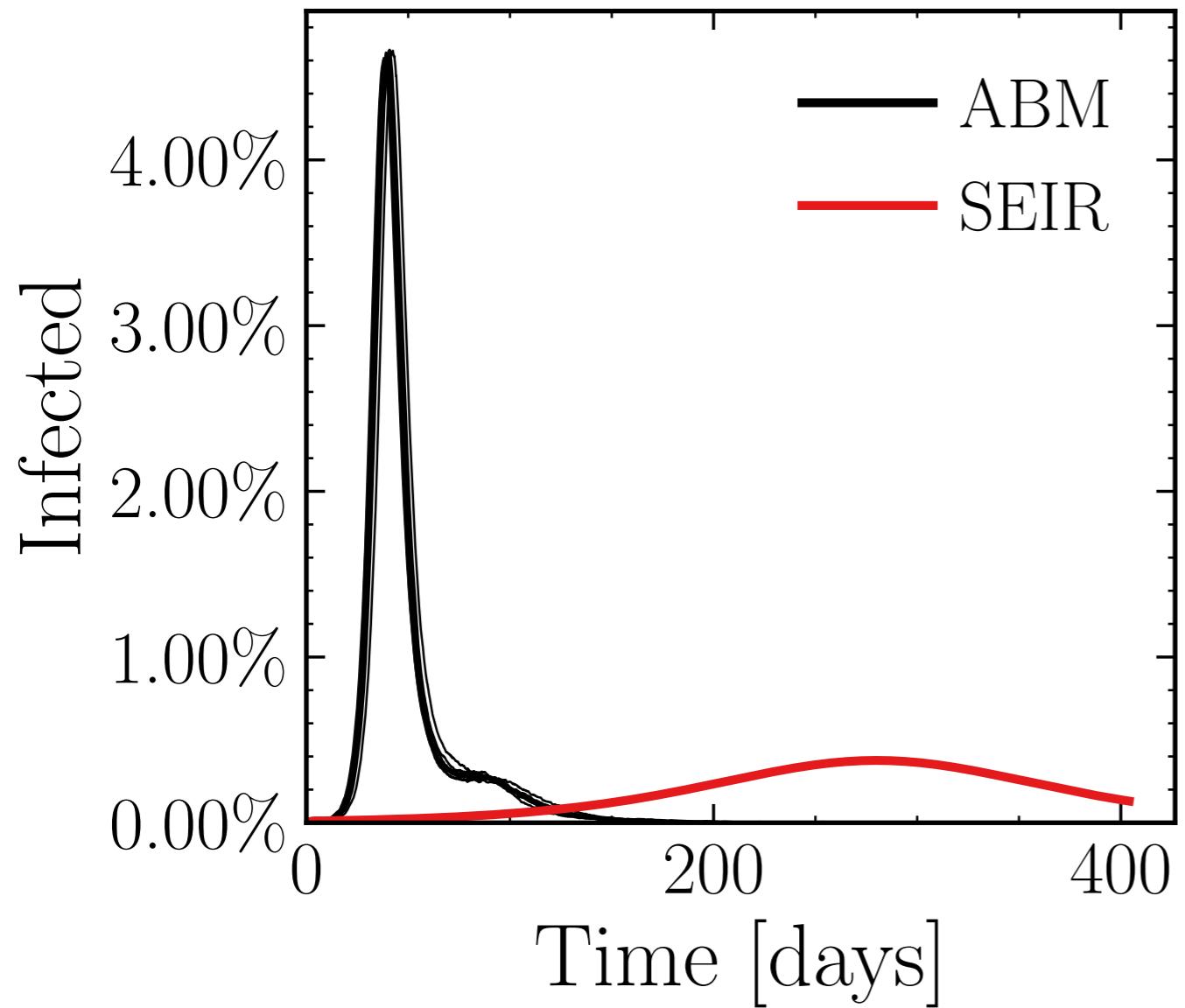
$I_{\text{peak}}^{\text{ABM}} = (27.67 \pm 0.1\%) \cdot 10^3$

v. = 1.0, hash = ee9031aea6, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (26.85 \pm 0.14\%) \cdot 10^3$ v. = 1.0, hash = db1abf30d1, #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, $N_{\text{init}} = 100$

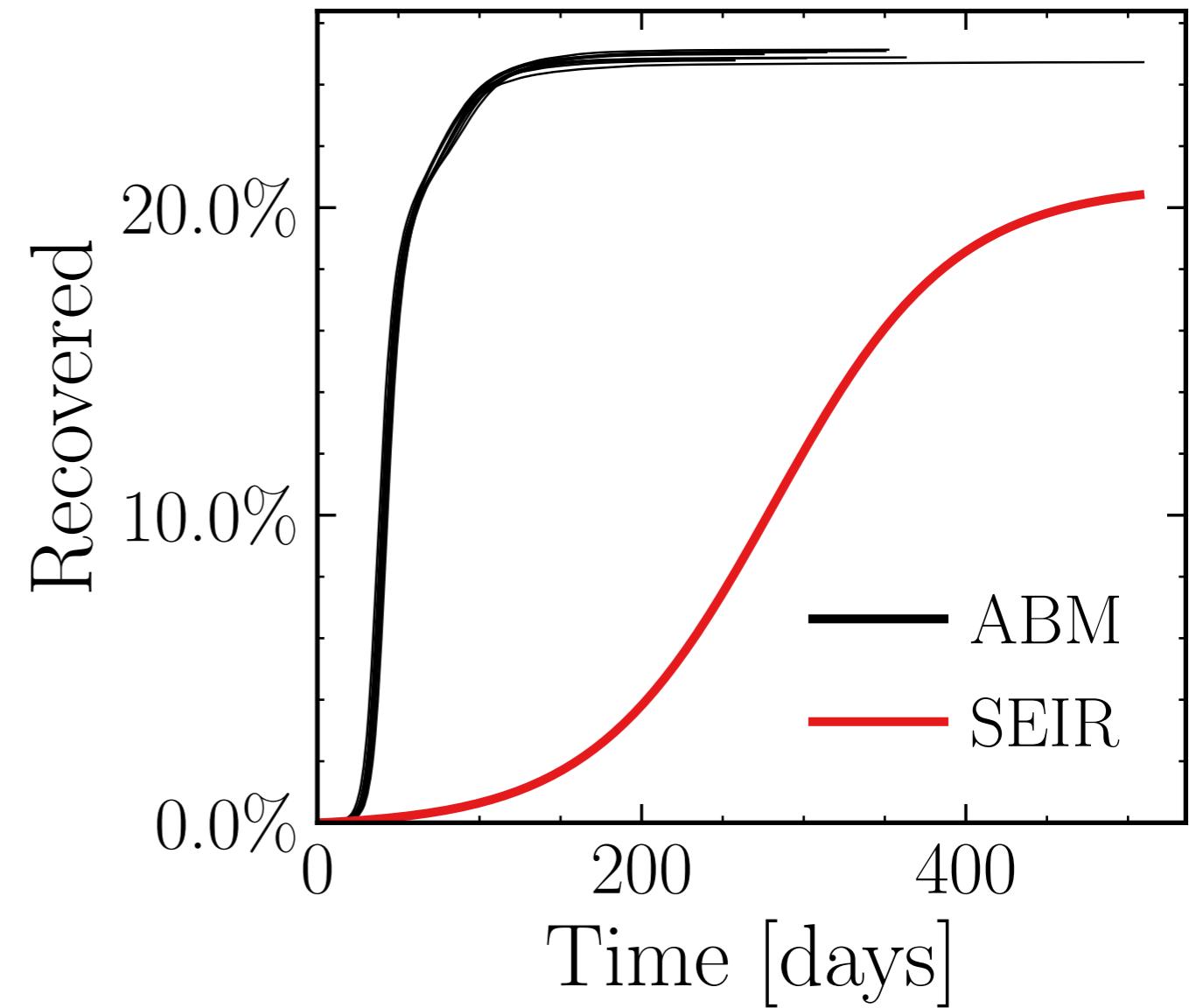
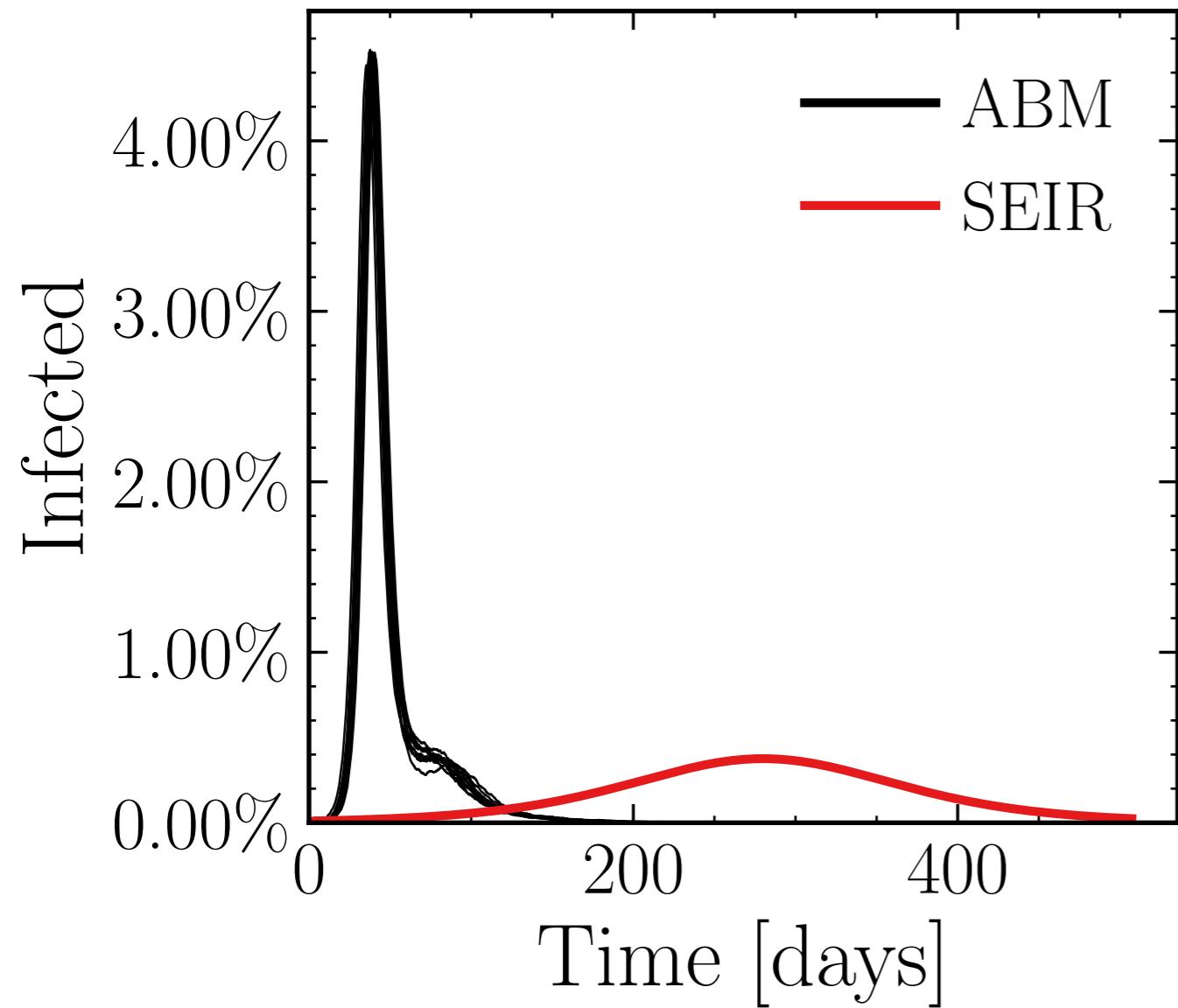
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 7ba5fd194c, #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, $N_{\text{init}} = 100$

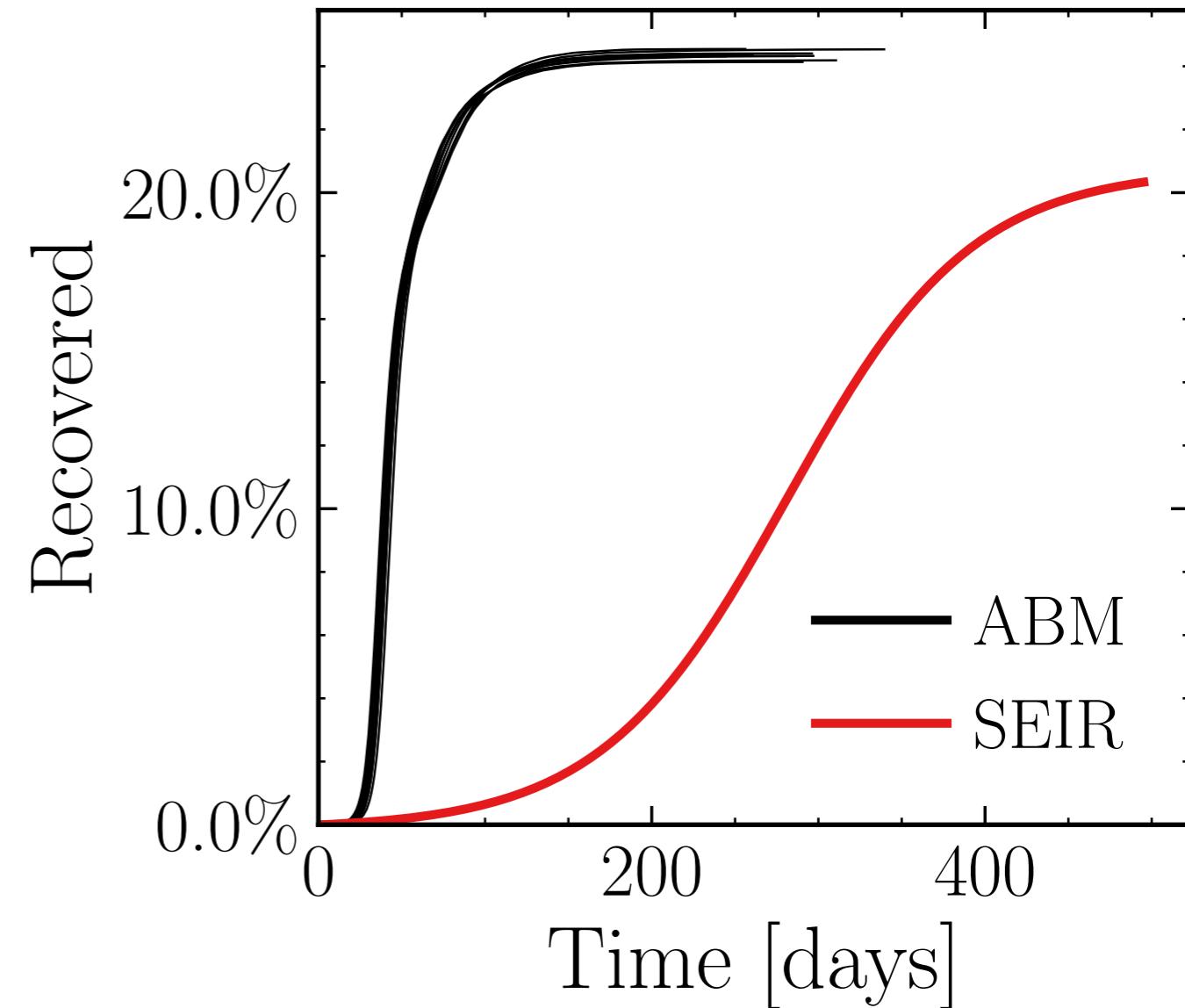
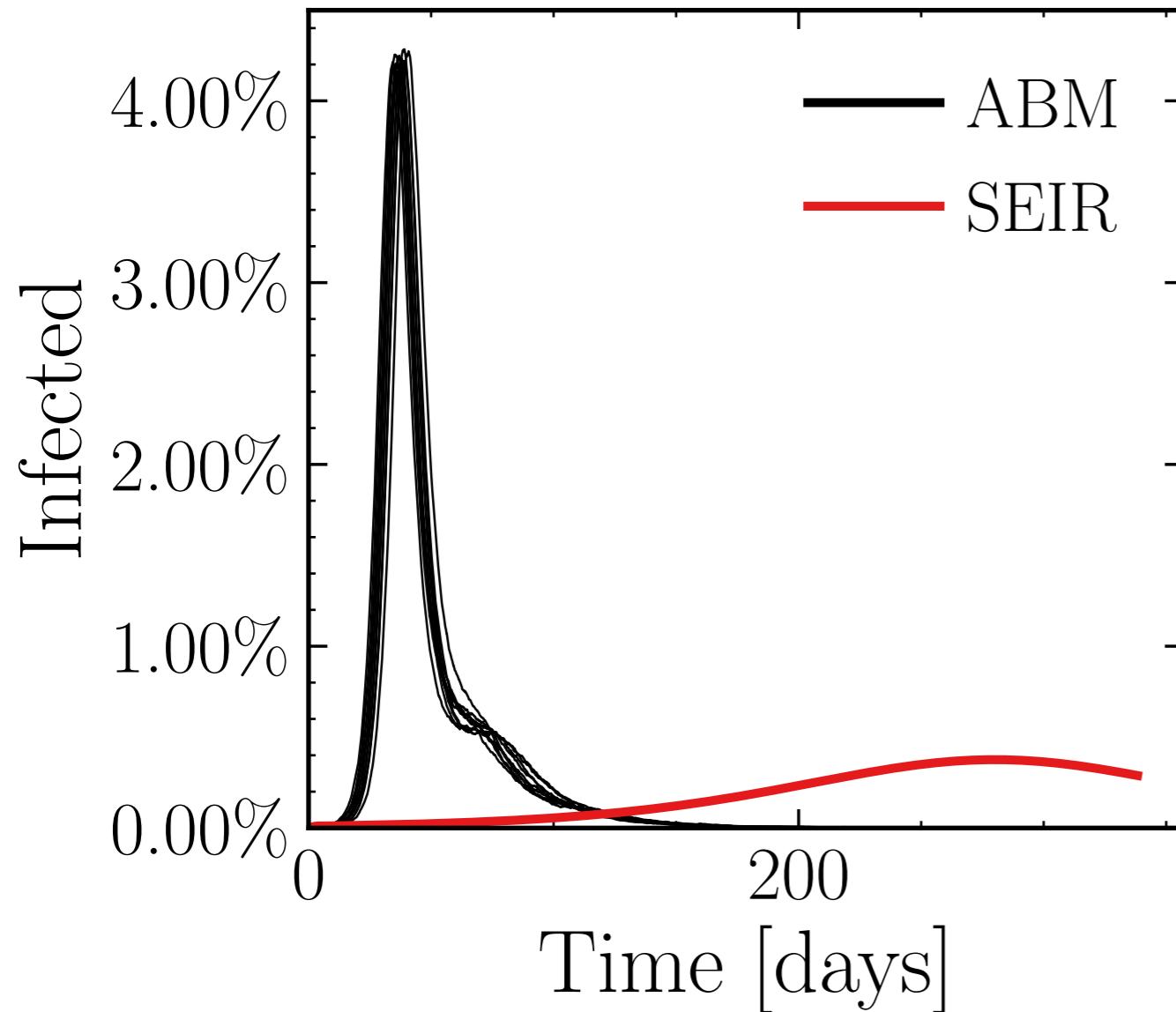
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 1eaf9fcc80, #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, $N_{\text{init}} = 100$

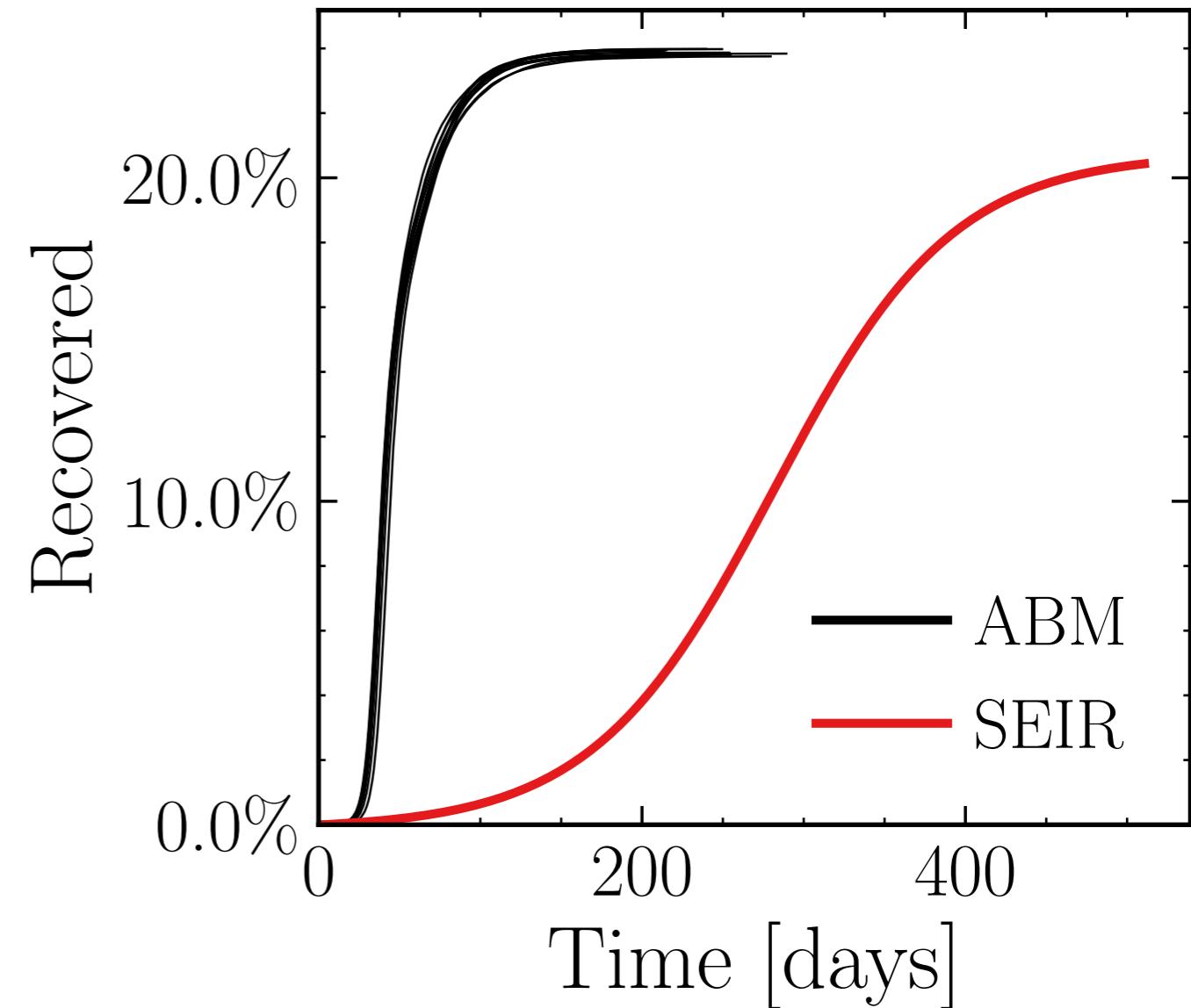
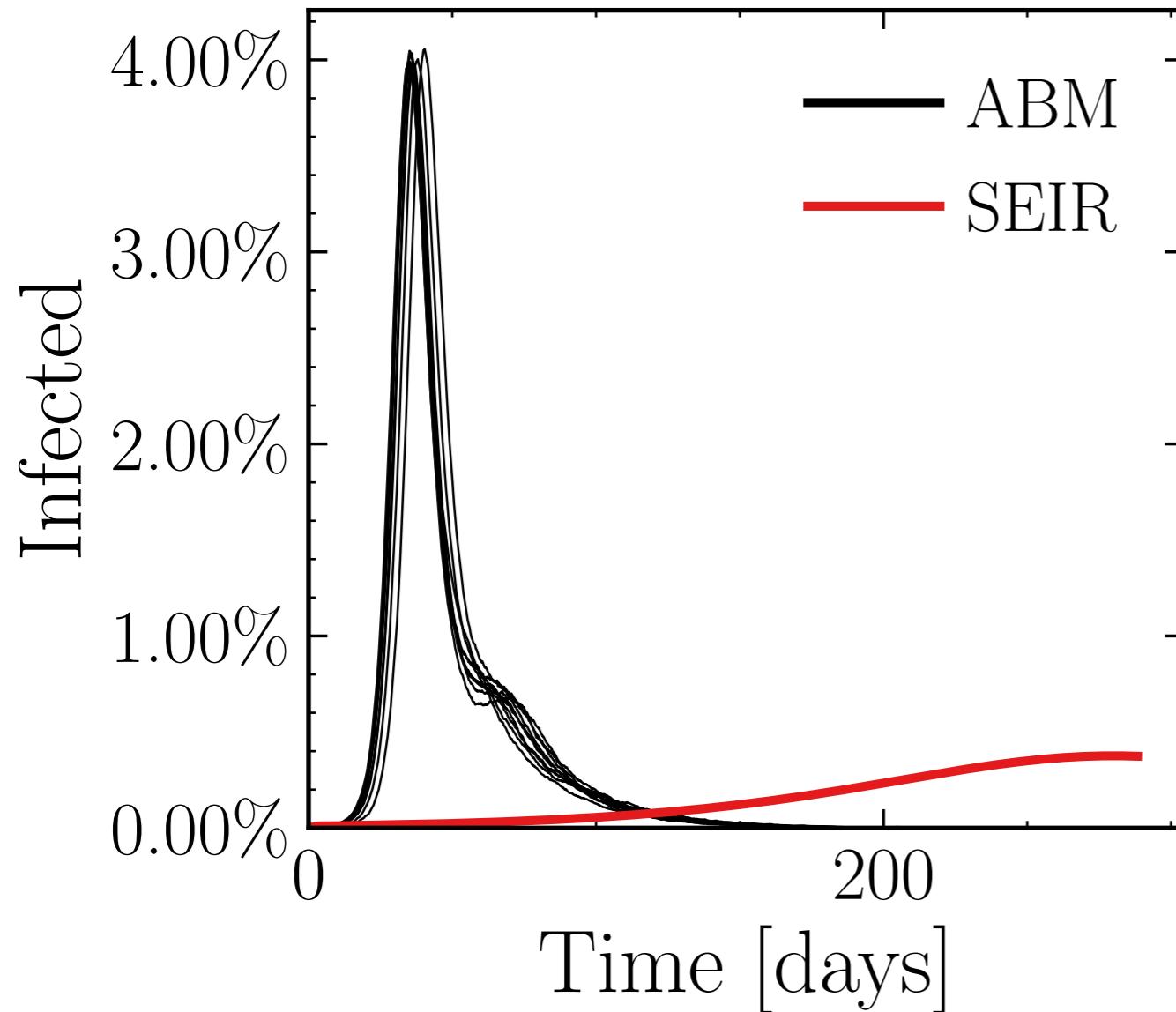
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = ff4a395623, #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, $N_{\text{init}} = 100$

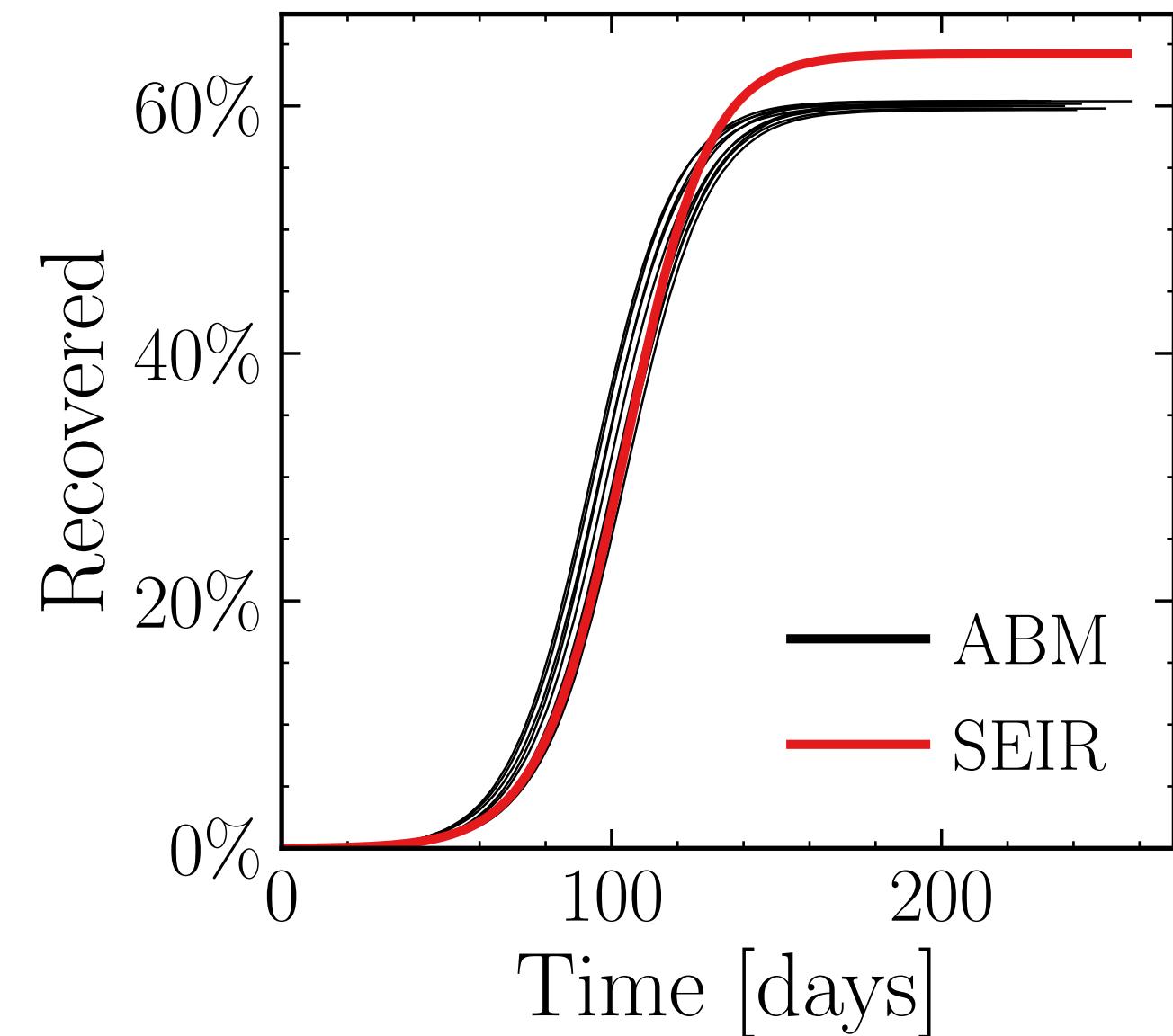
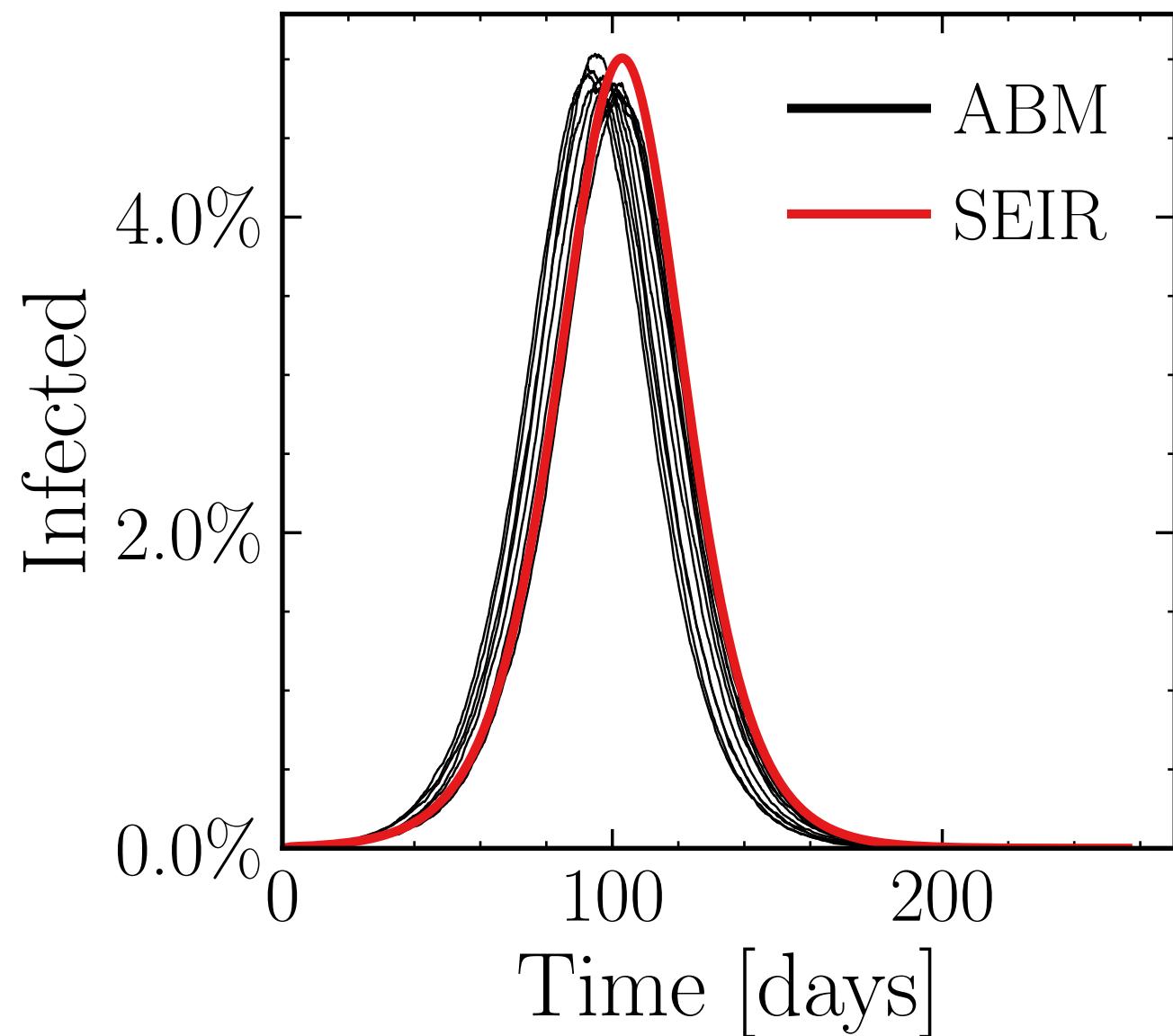
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 7df0688244, #10

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



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

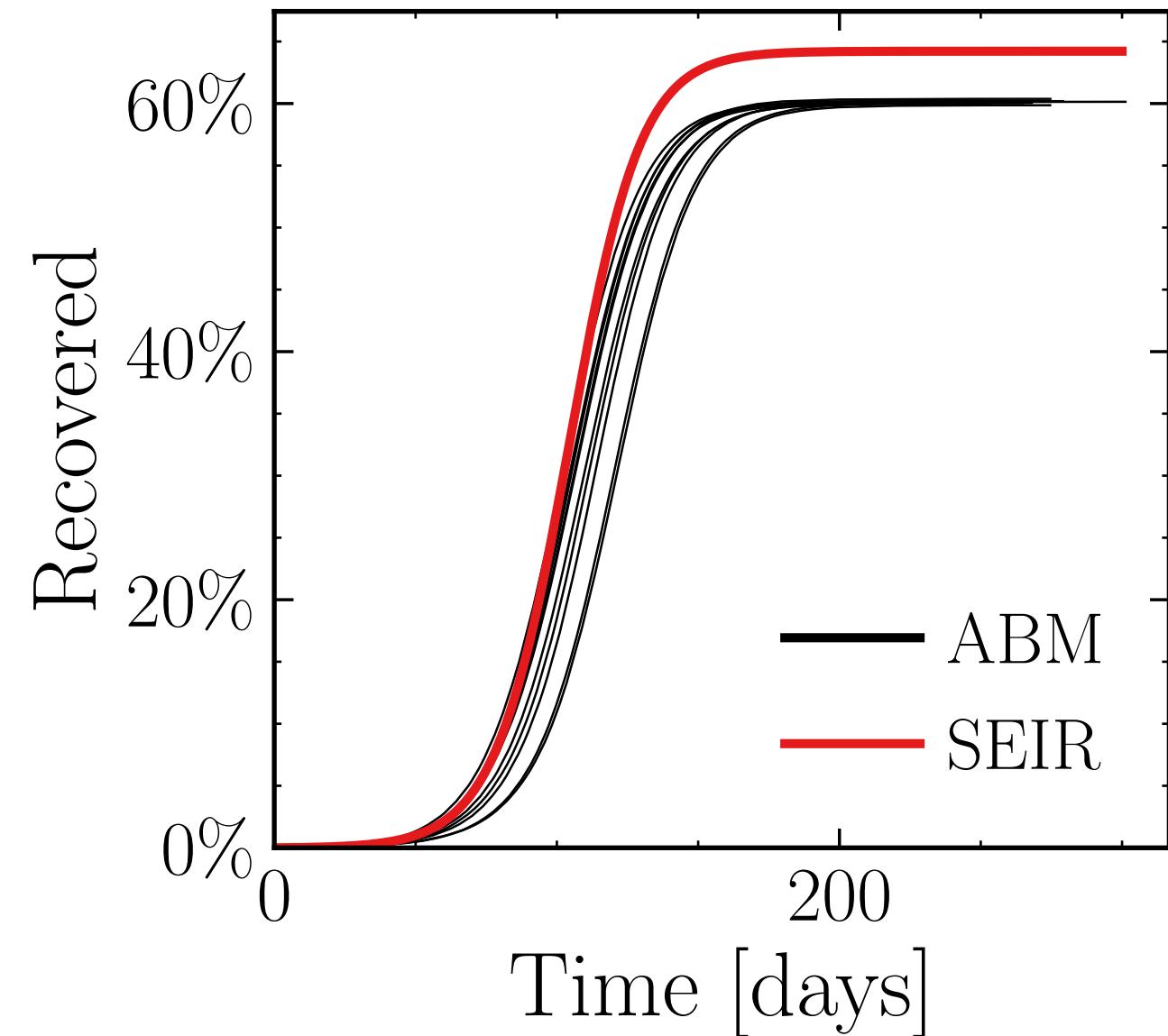
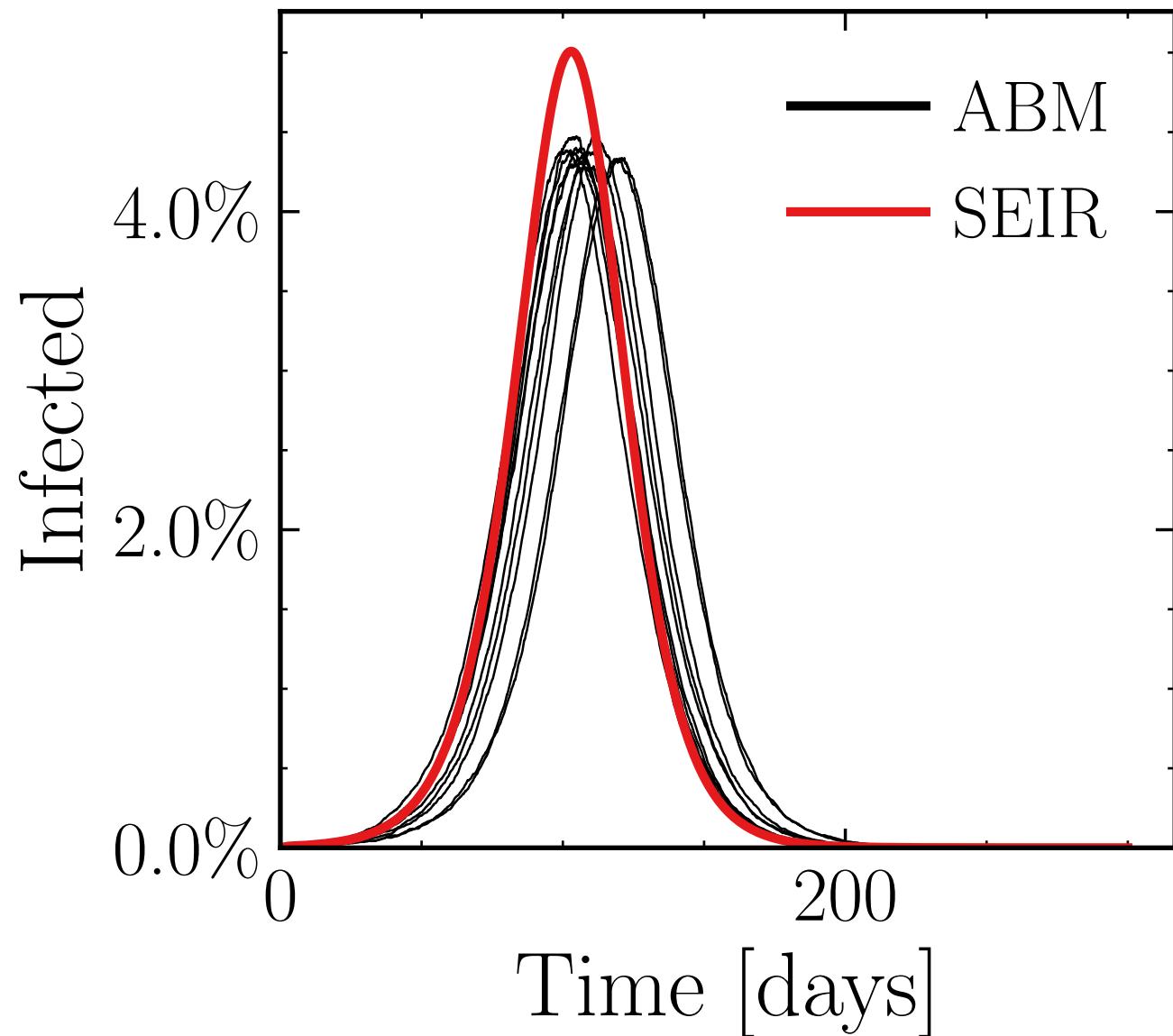
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = a4333a27d5, #10

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



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

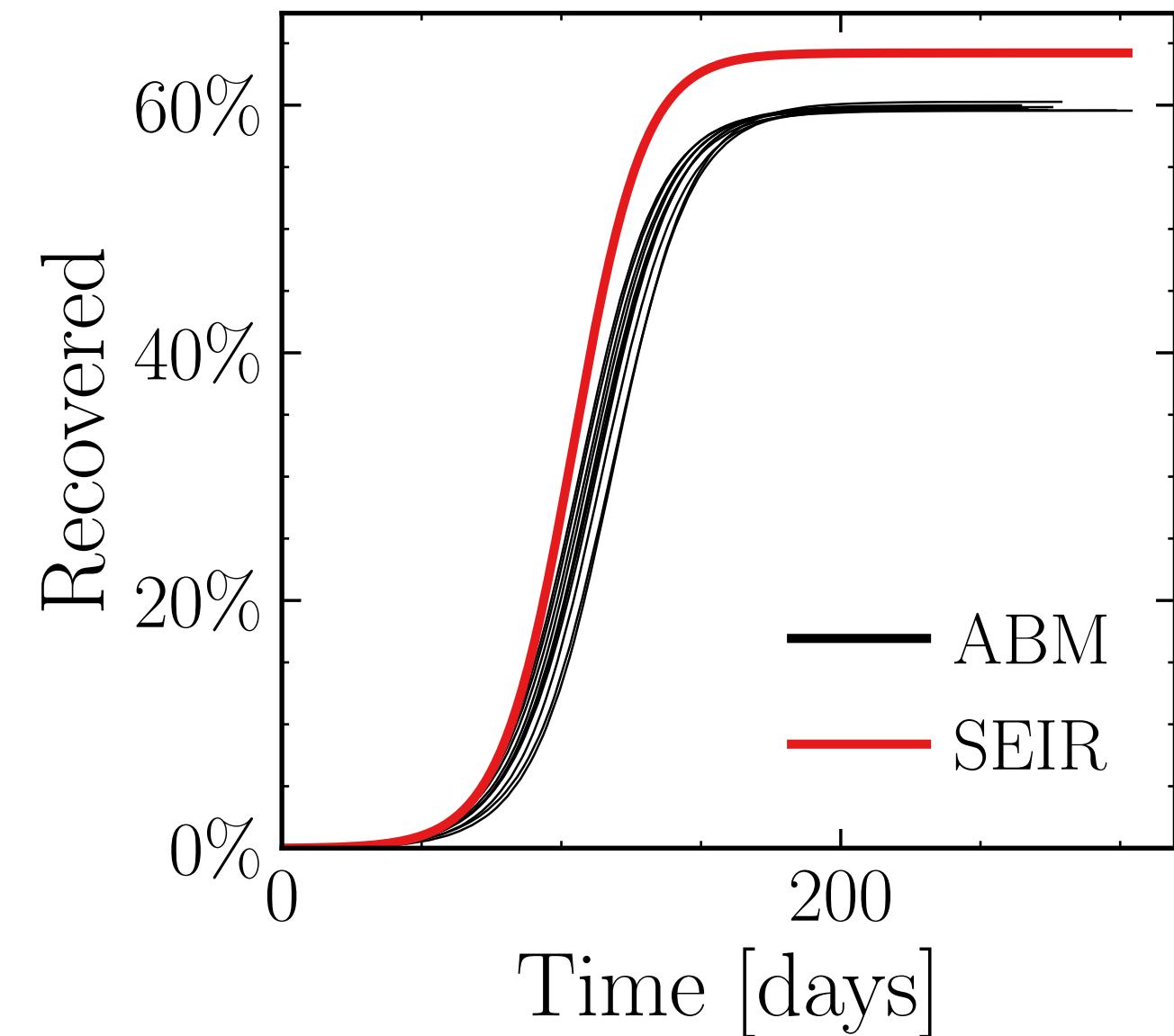
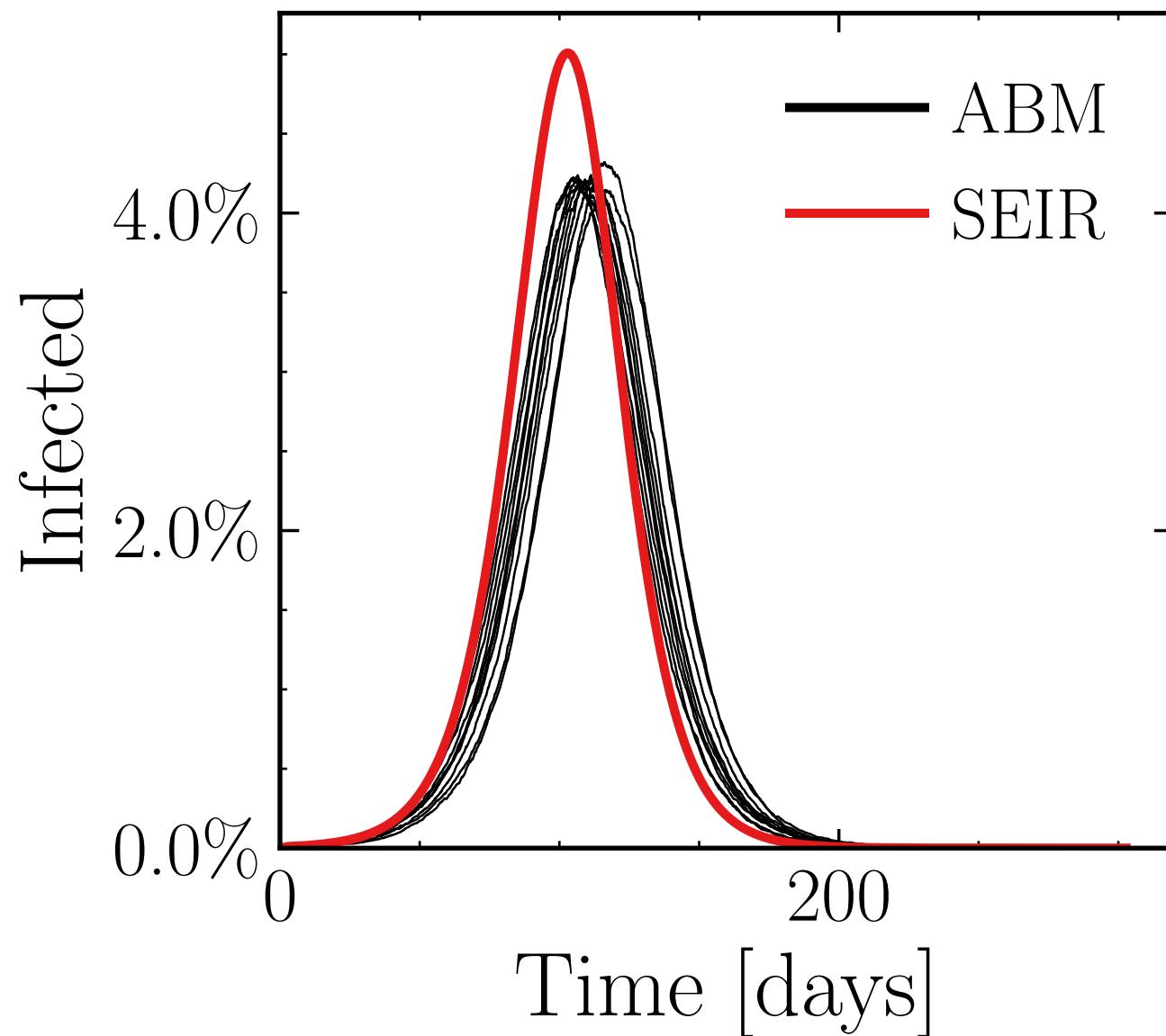
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 1a17e4487e, #10

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



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

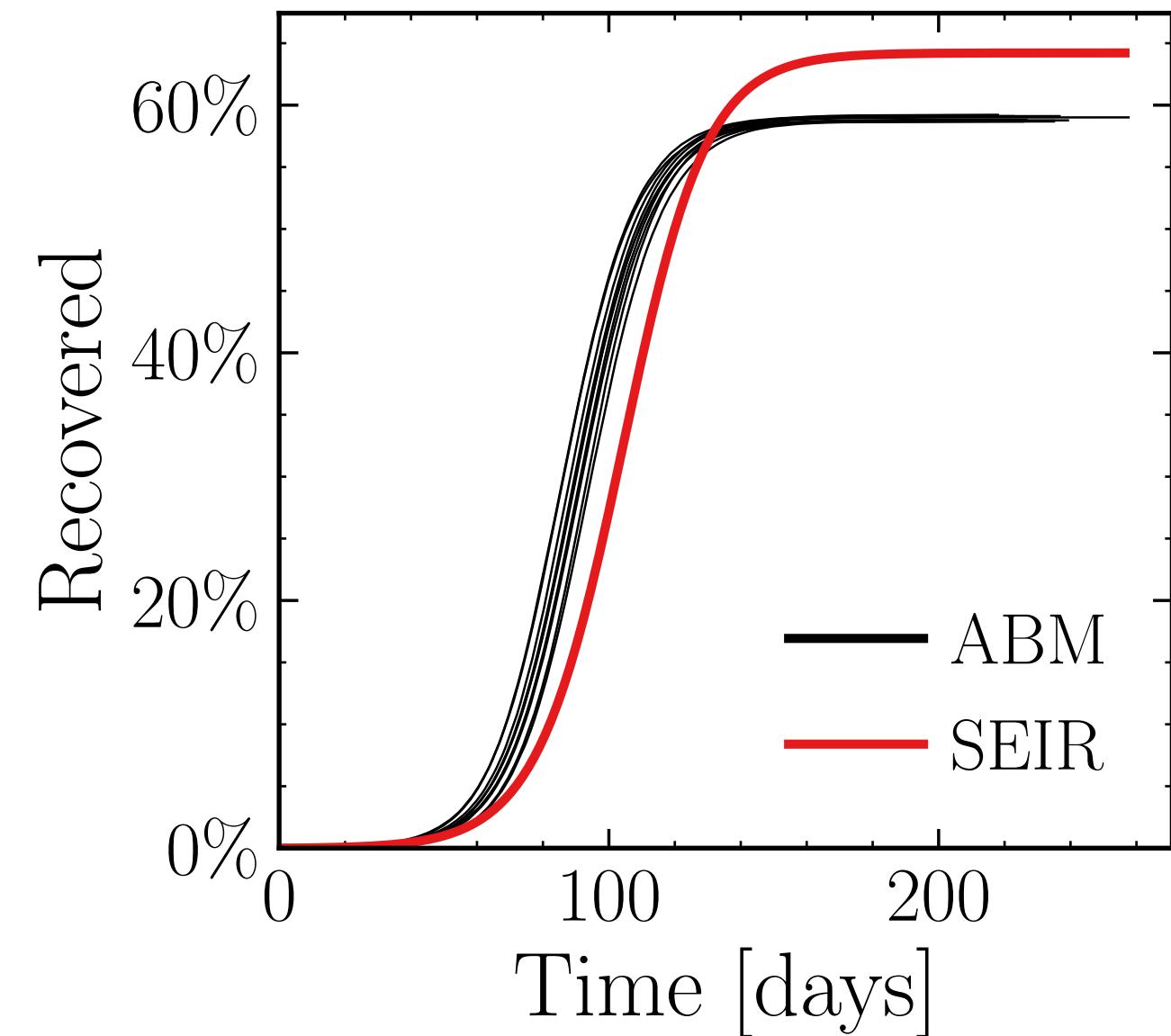
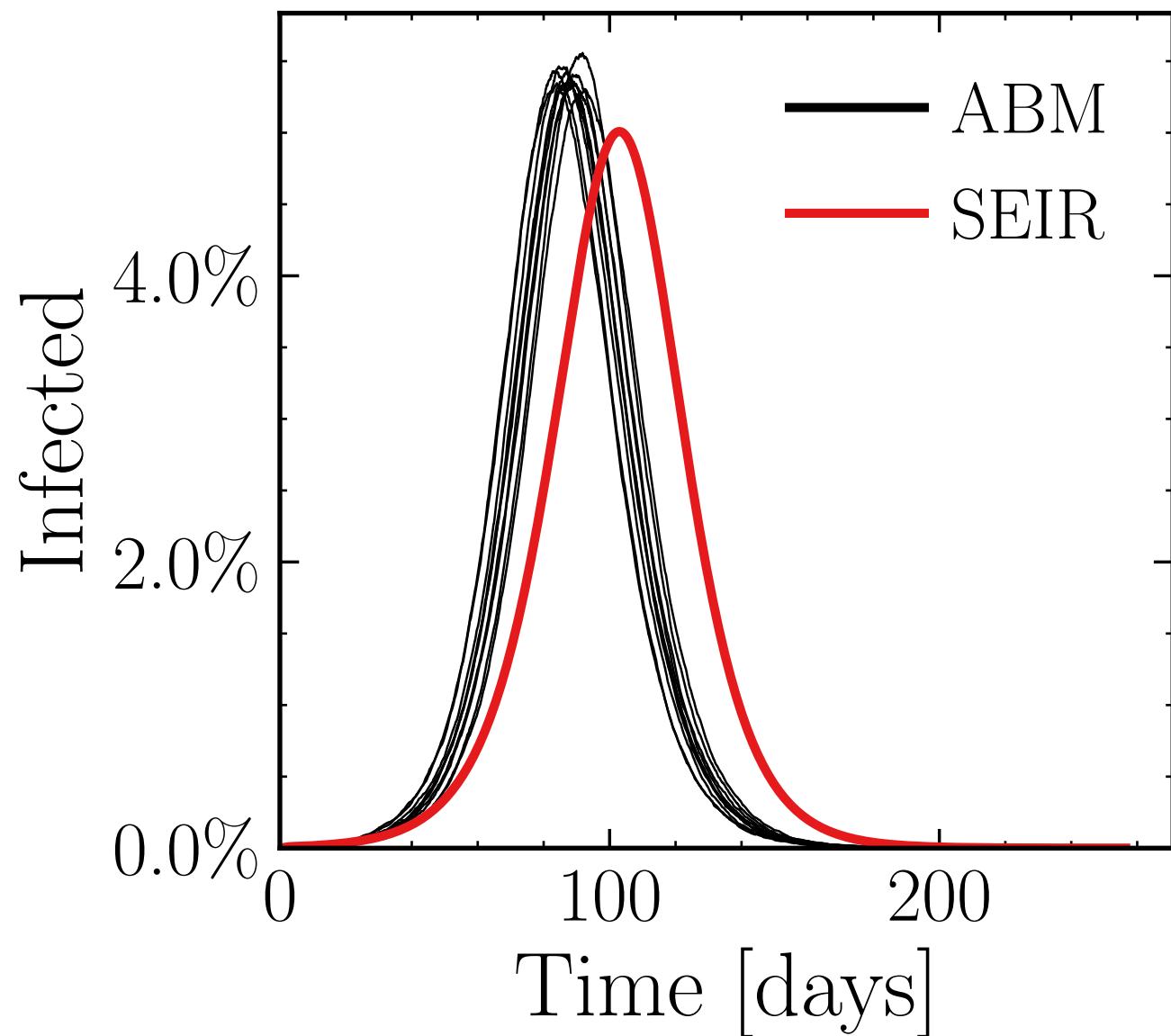
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 5d57f68fa0, #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, $N_{\text{init}} = 100$

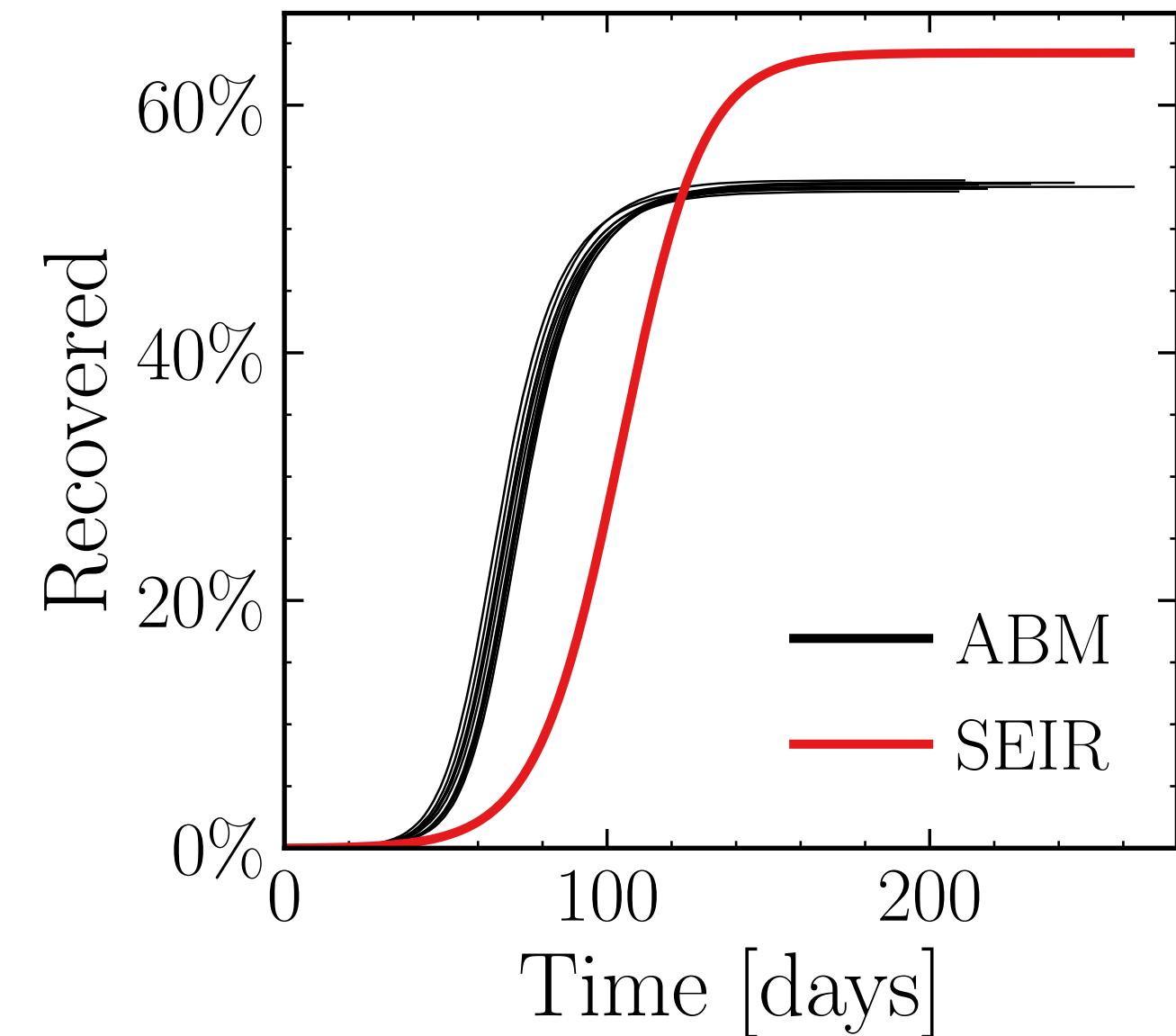
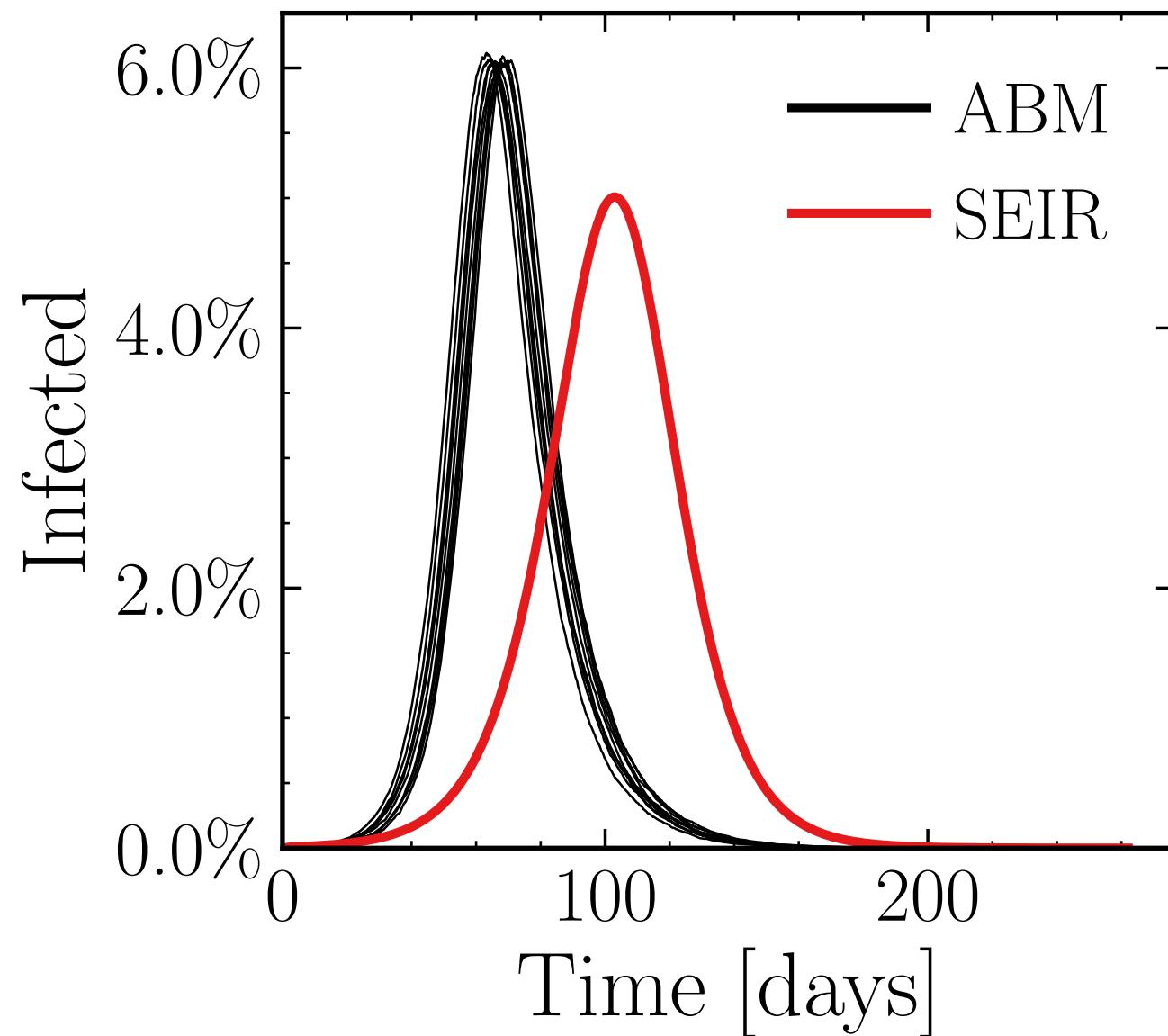
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 406fcf73bd, #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, $N_{\text{init}} = 100$

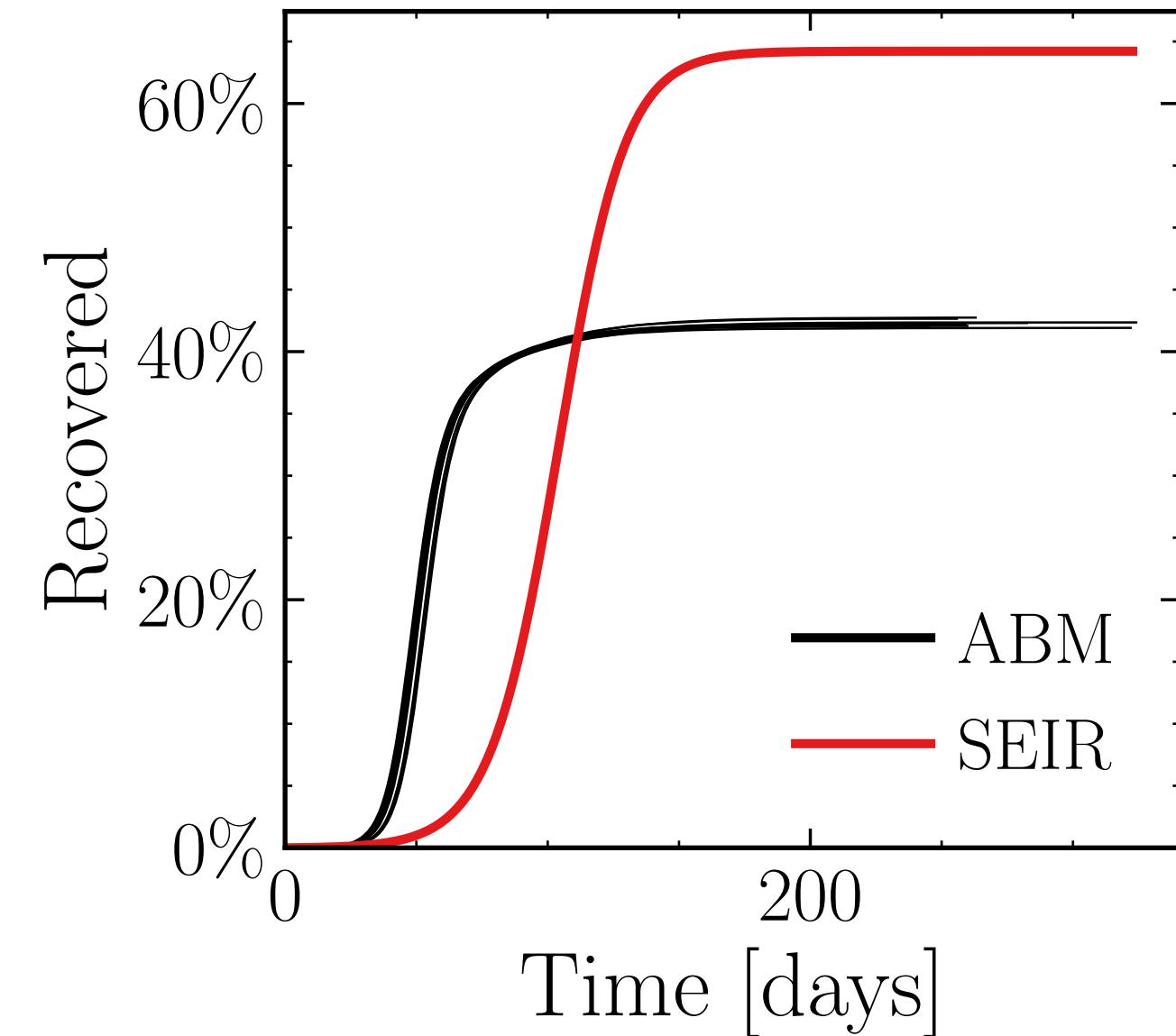
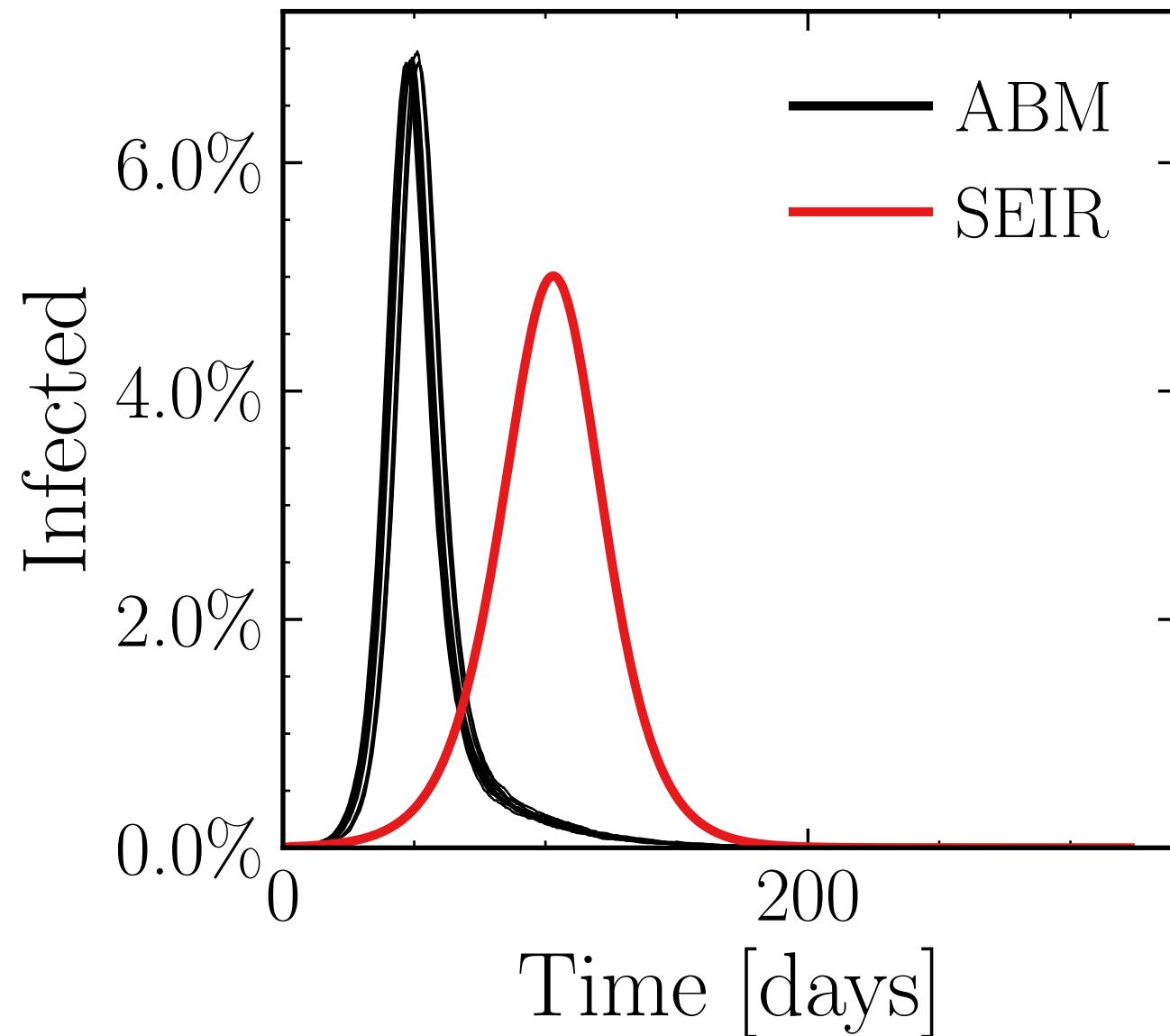
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f705984918, #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, $N_{\text{init}} = 100$

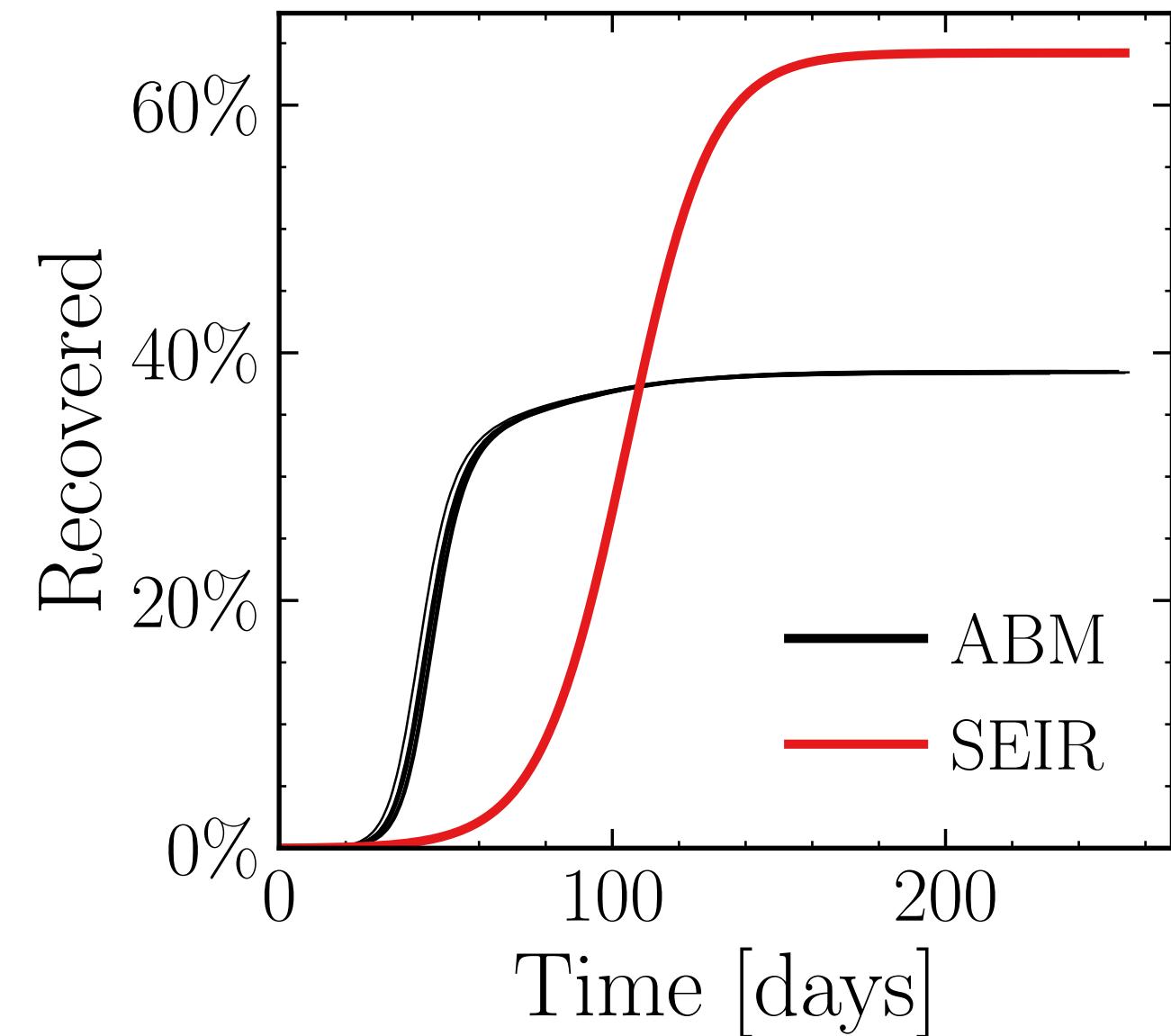
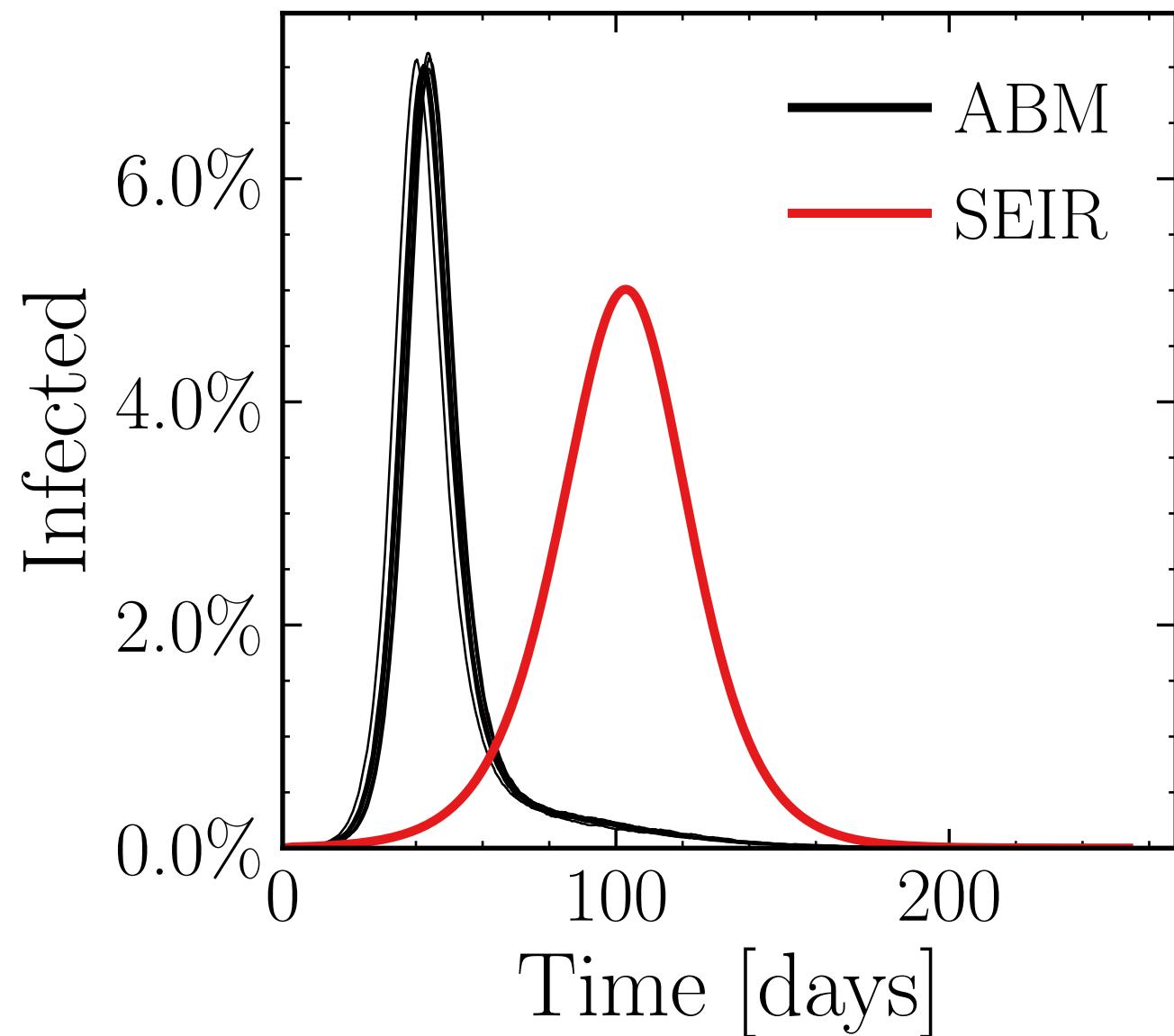
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = d6820c6570, #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, $N_{\text{init}} = 100$

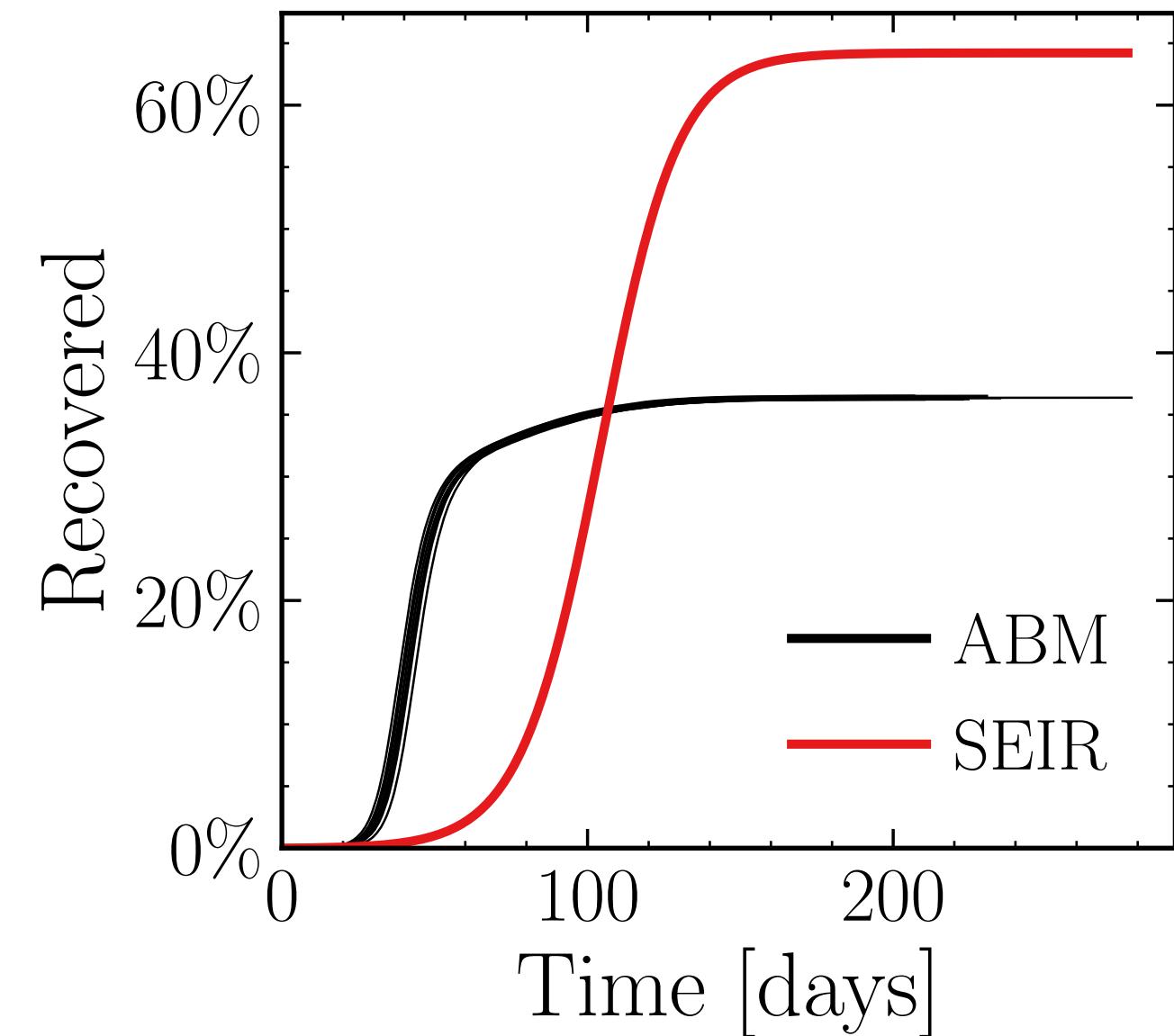
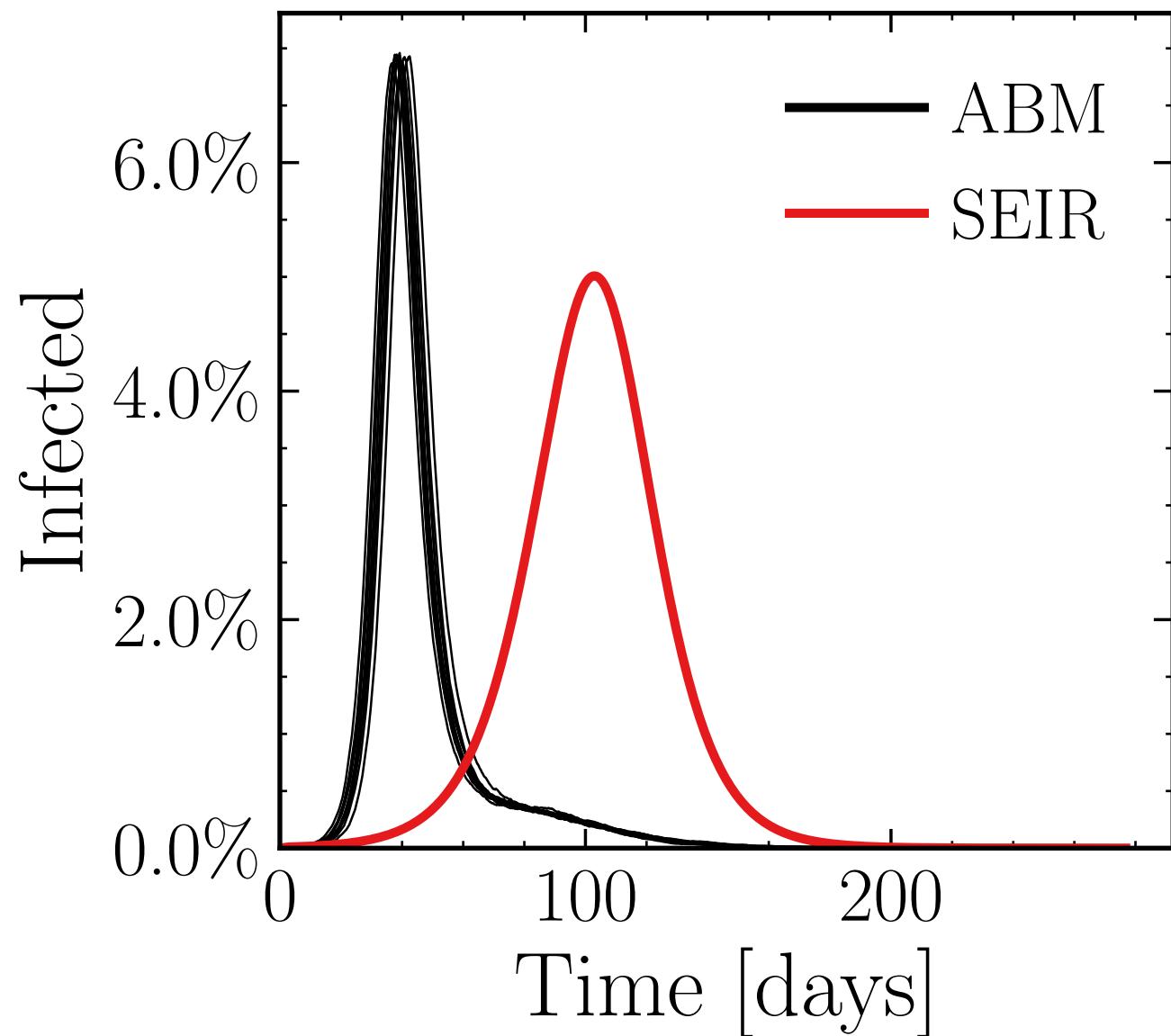
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 34bfbbf7a5, #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, $N_{\text{init}} = 100$

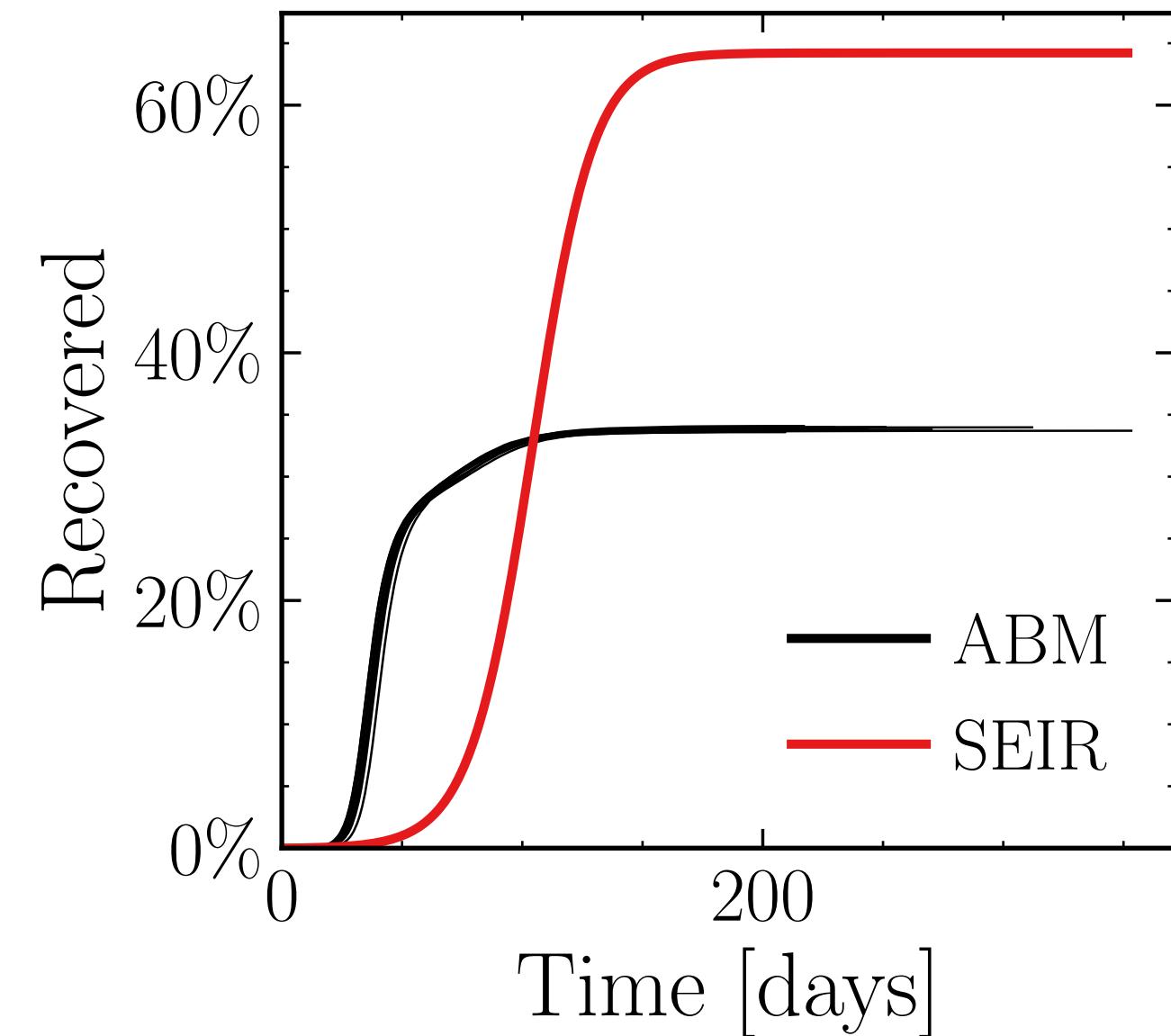
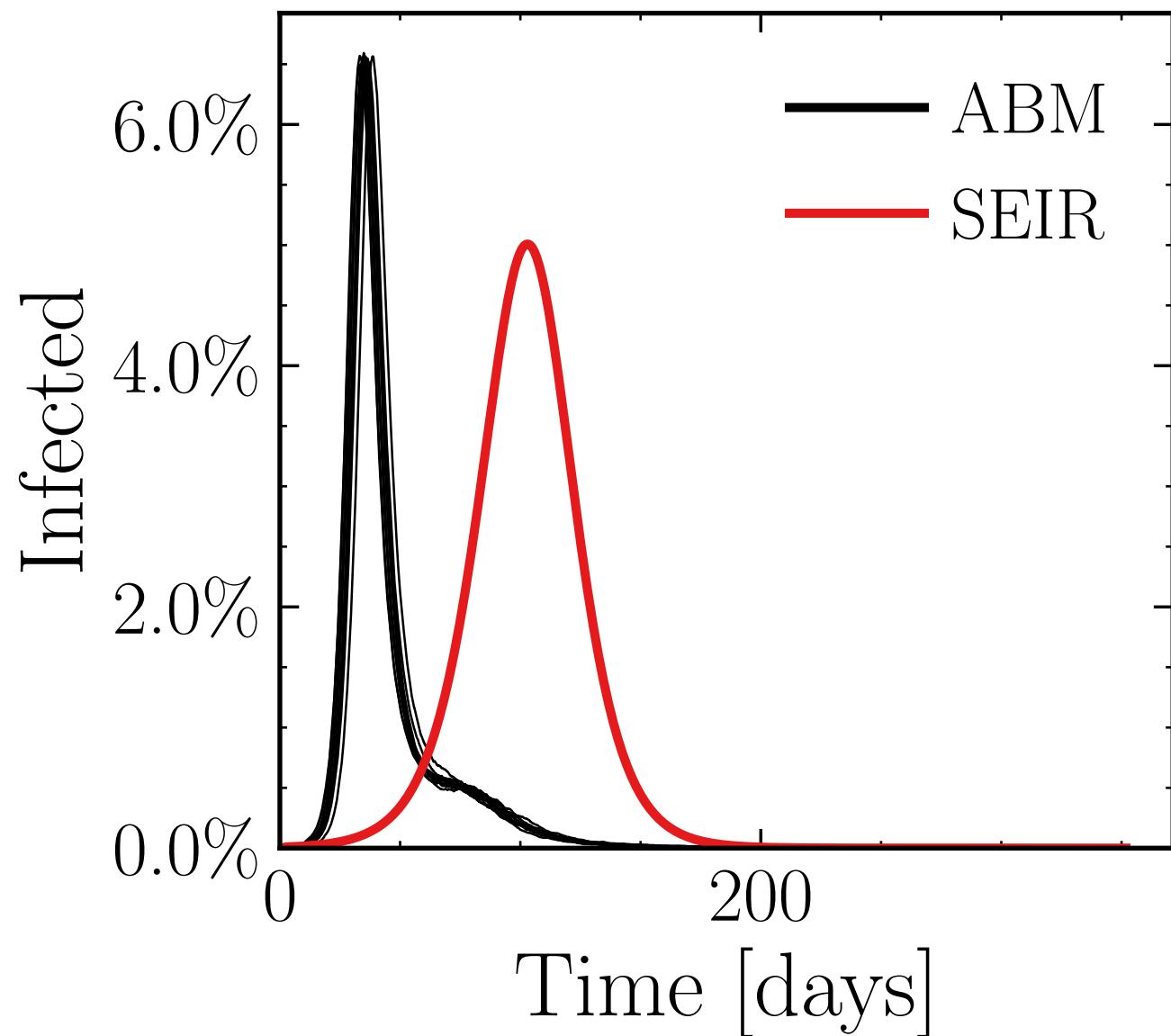
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f113f3227f, #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, $N_{\text{init}} = 100$

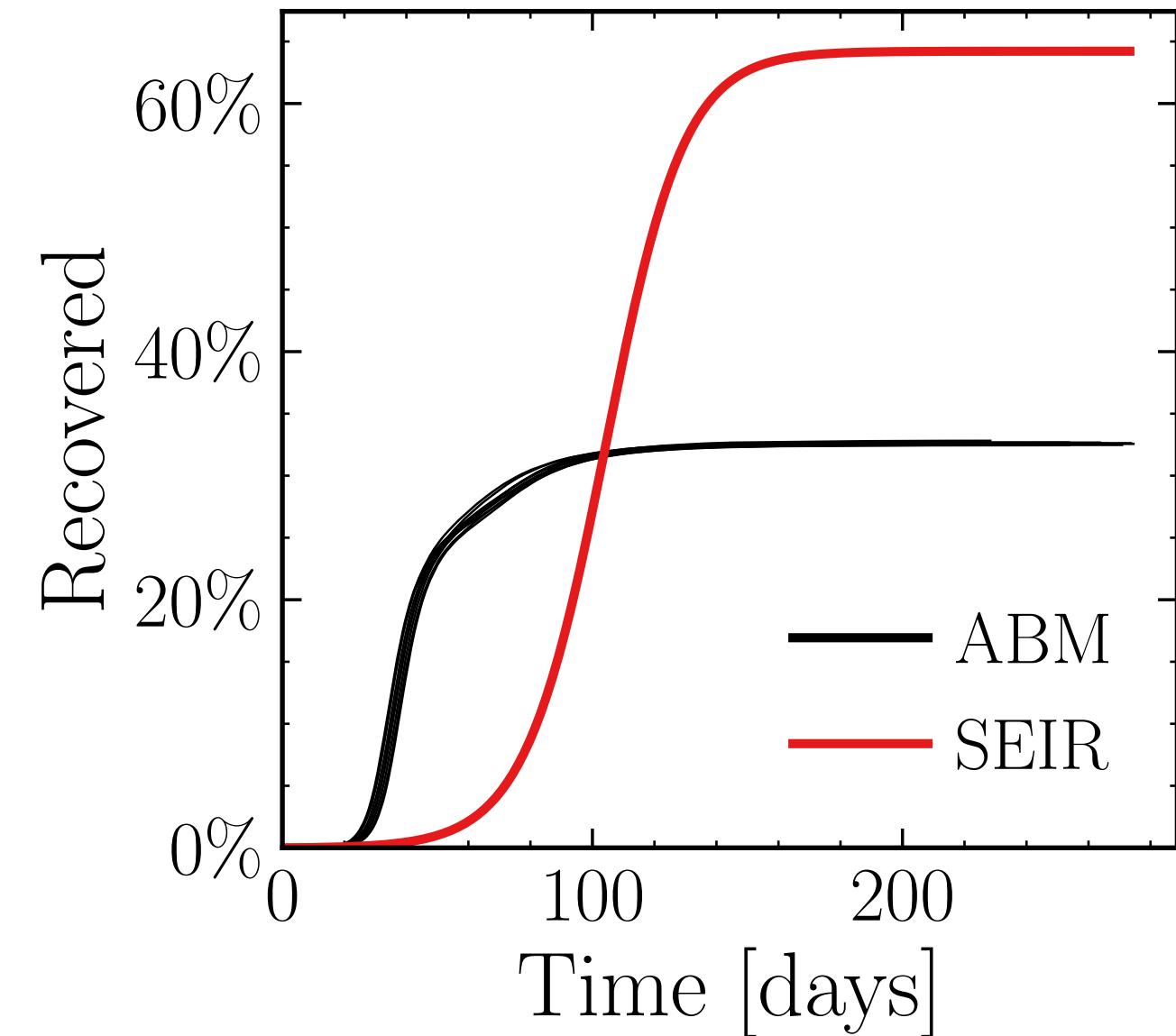
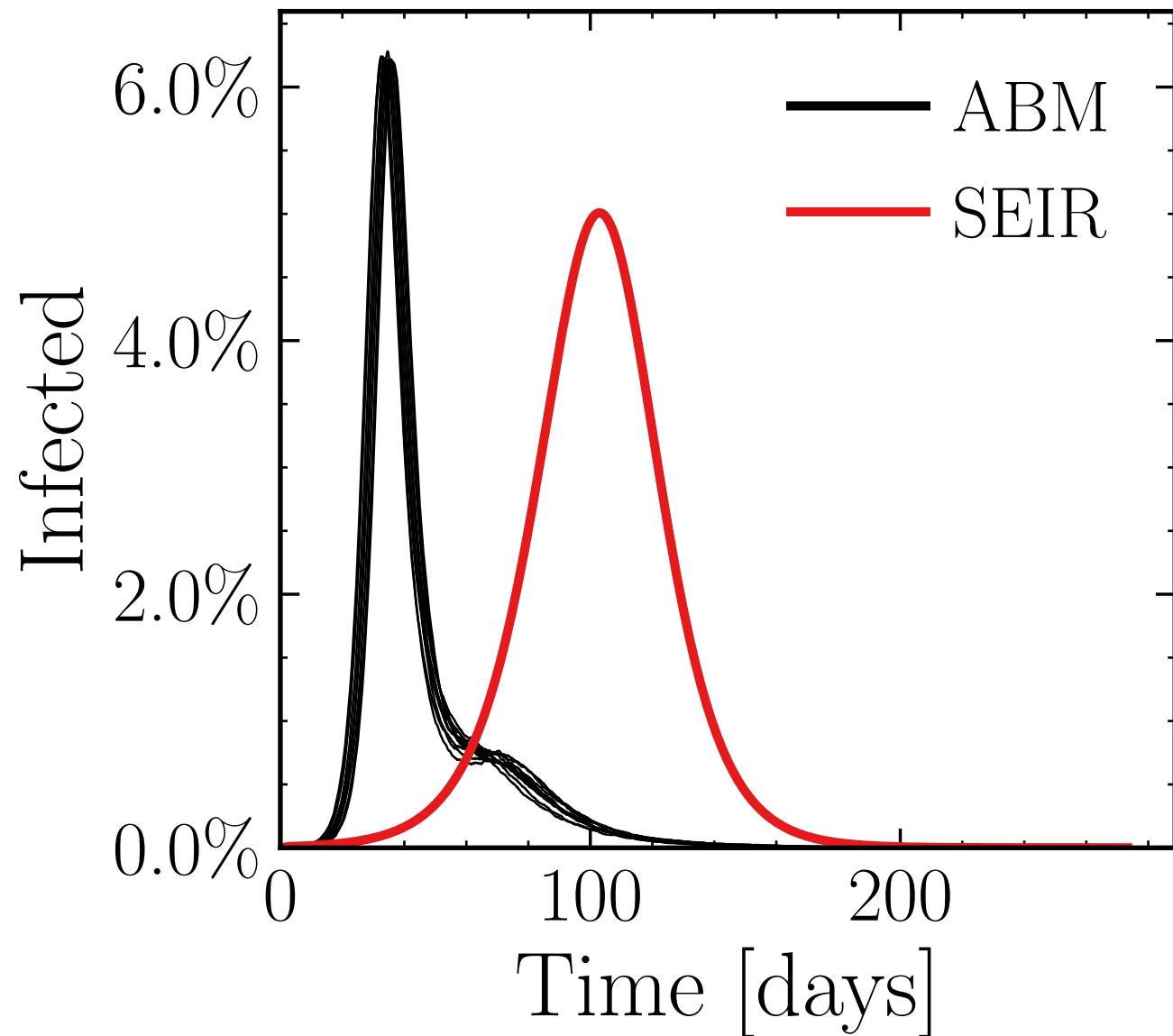
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 7ff5b2ae18, #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, $N_{\text{init}} = 100$

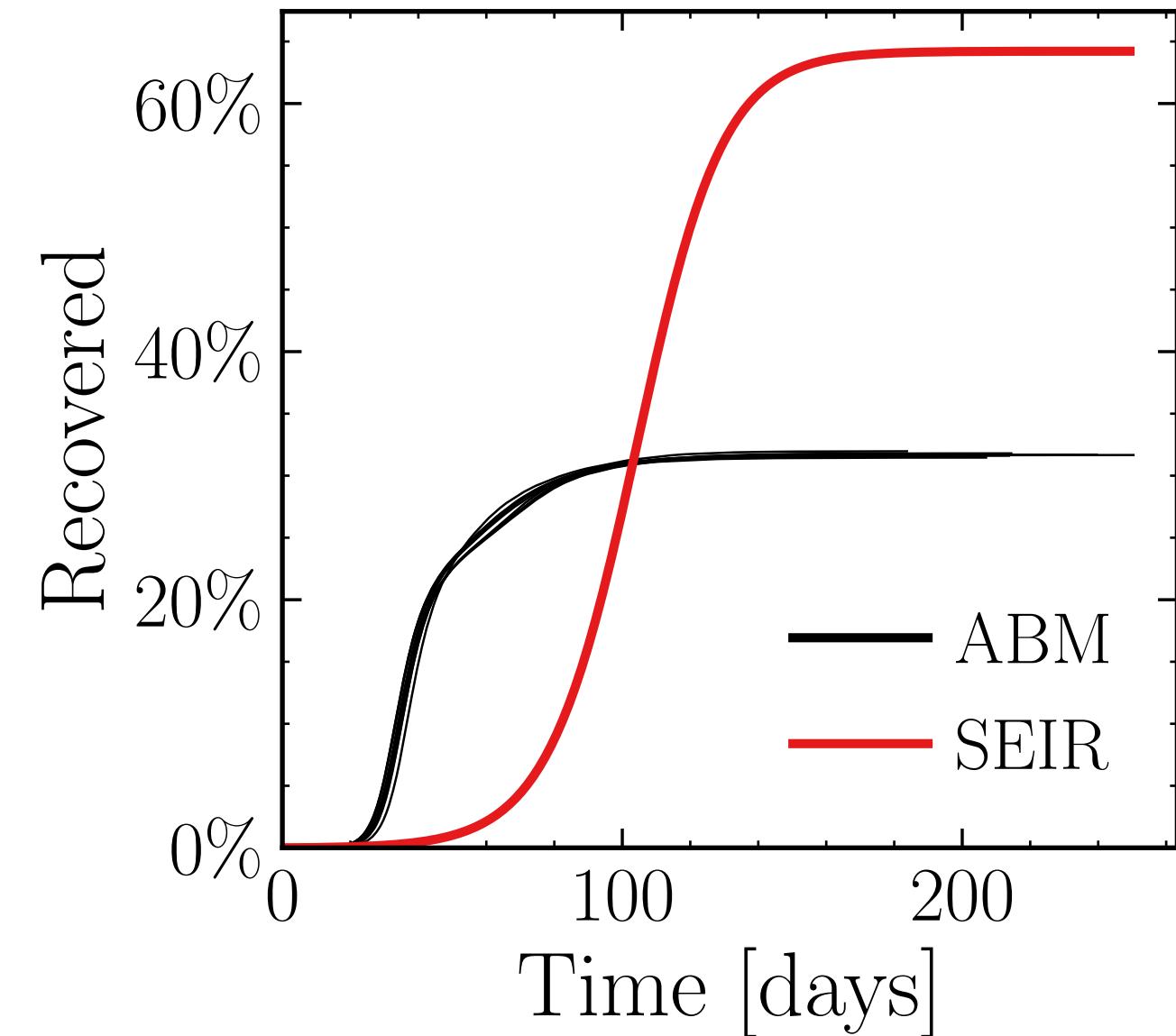
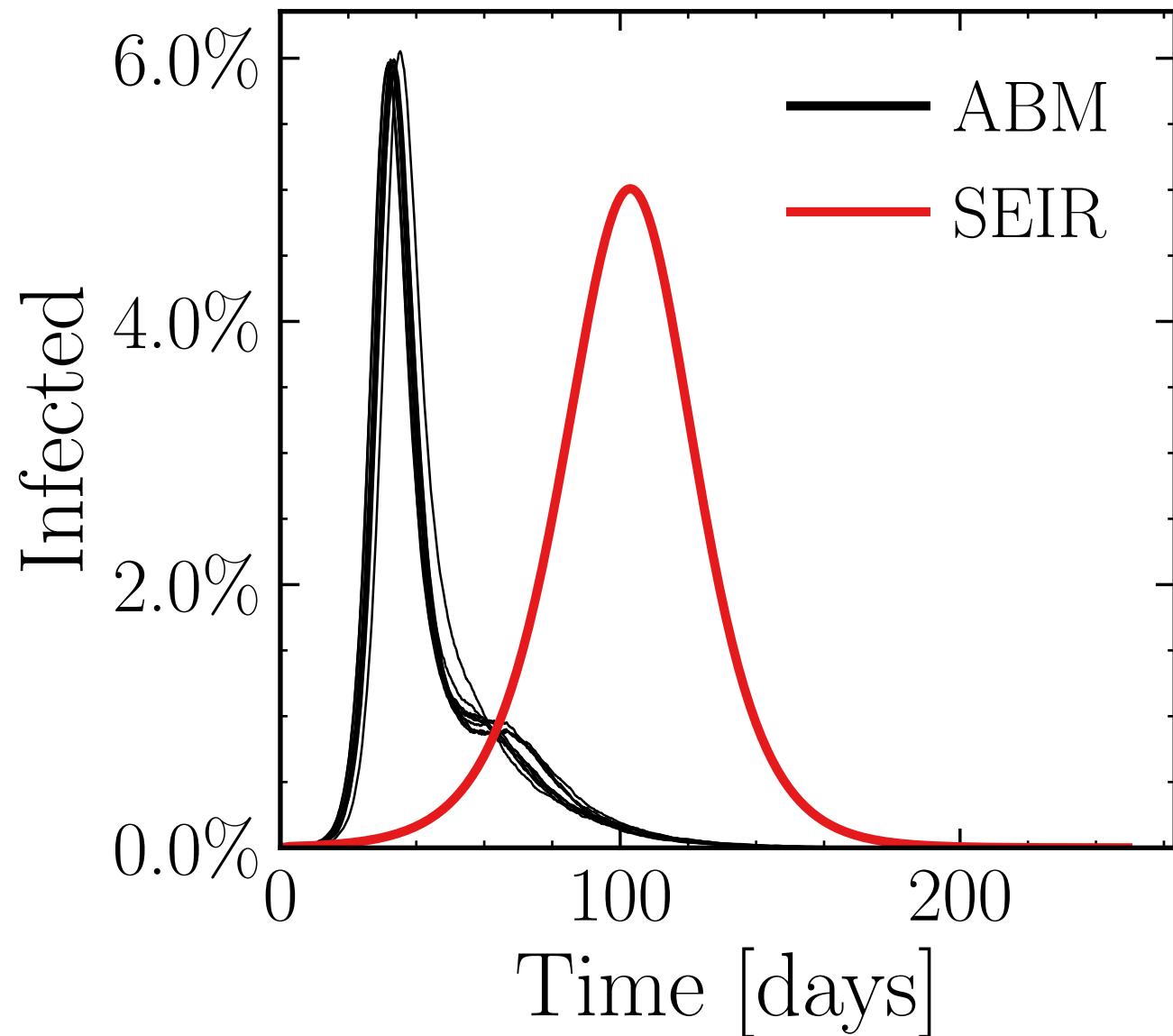
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f1aefd0f2e, #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, $N_{\text{init}} = 100$

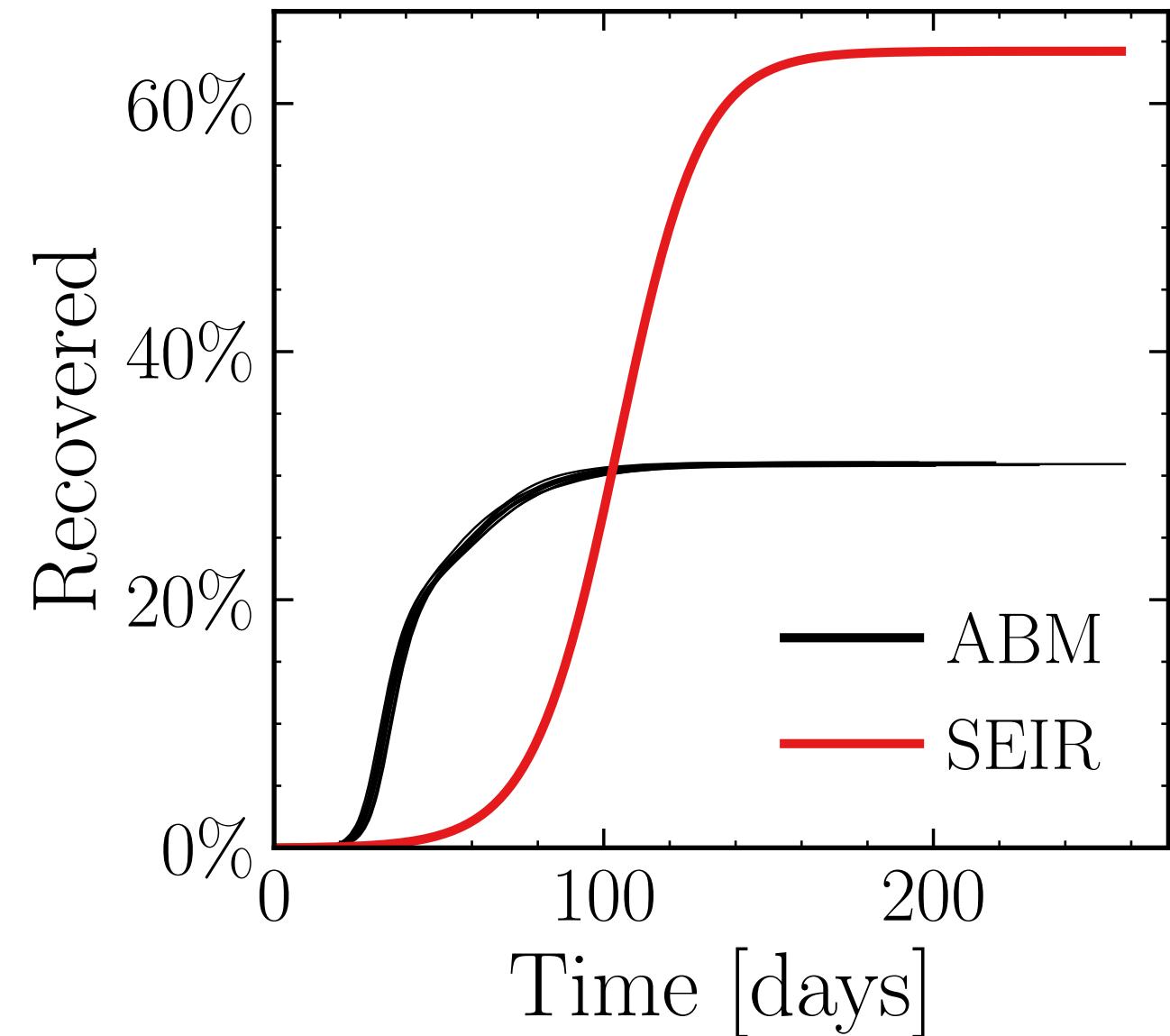
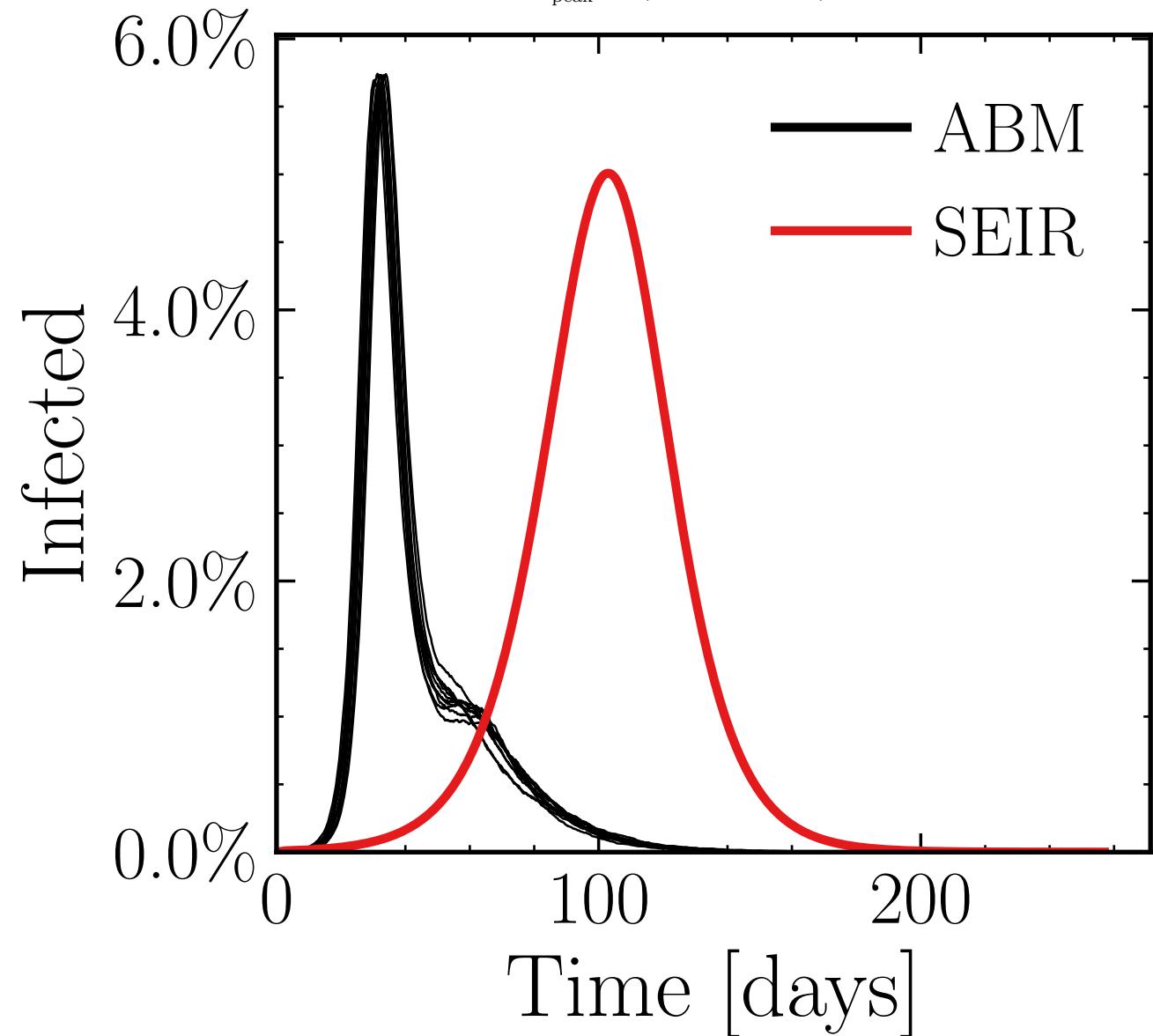
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

$$\text{v.} = 1.0, \text{hash} = 21ff9657e7, \#10$$

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



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

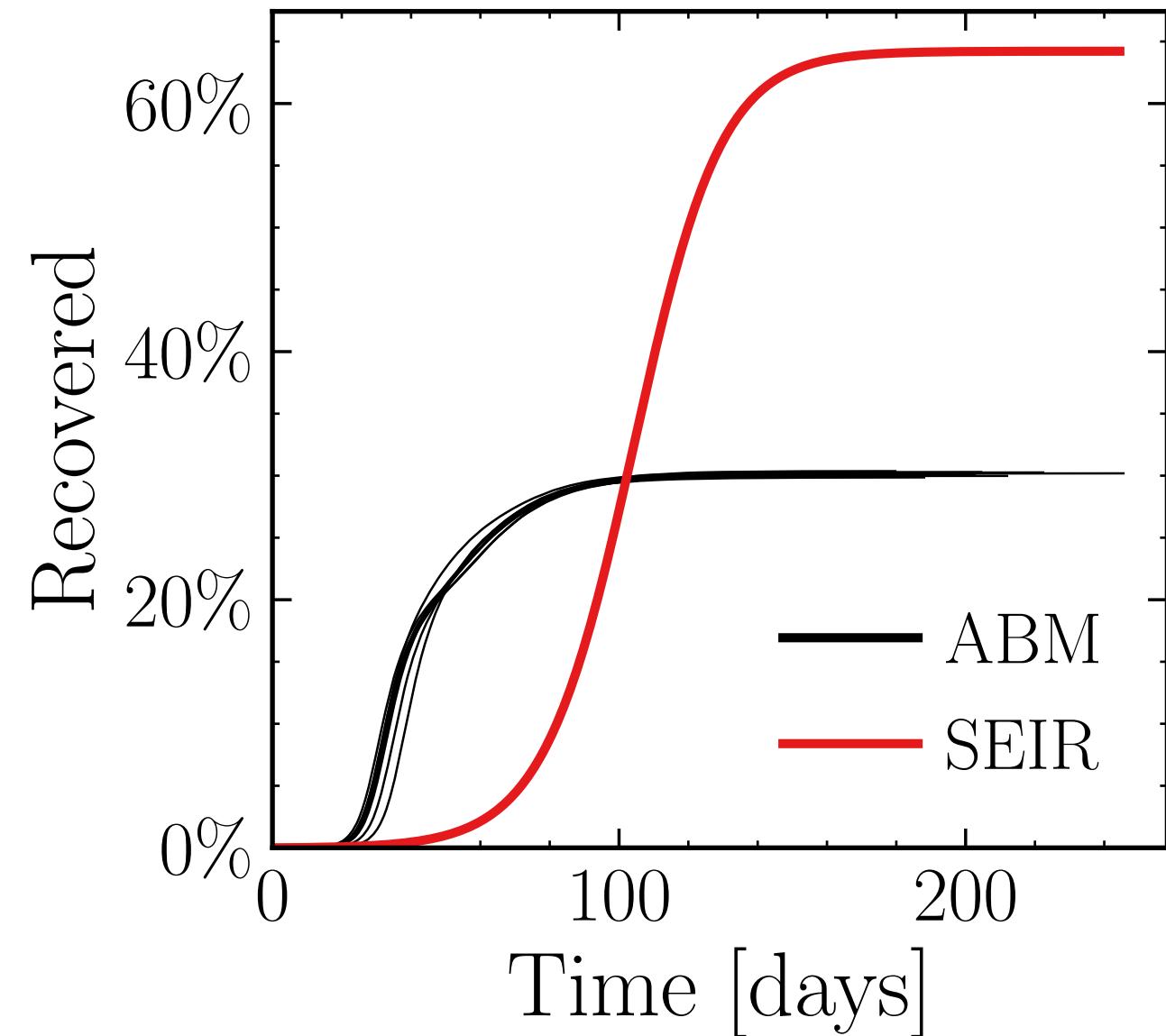
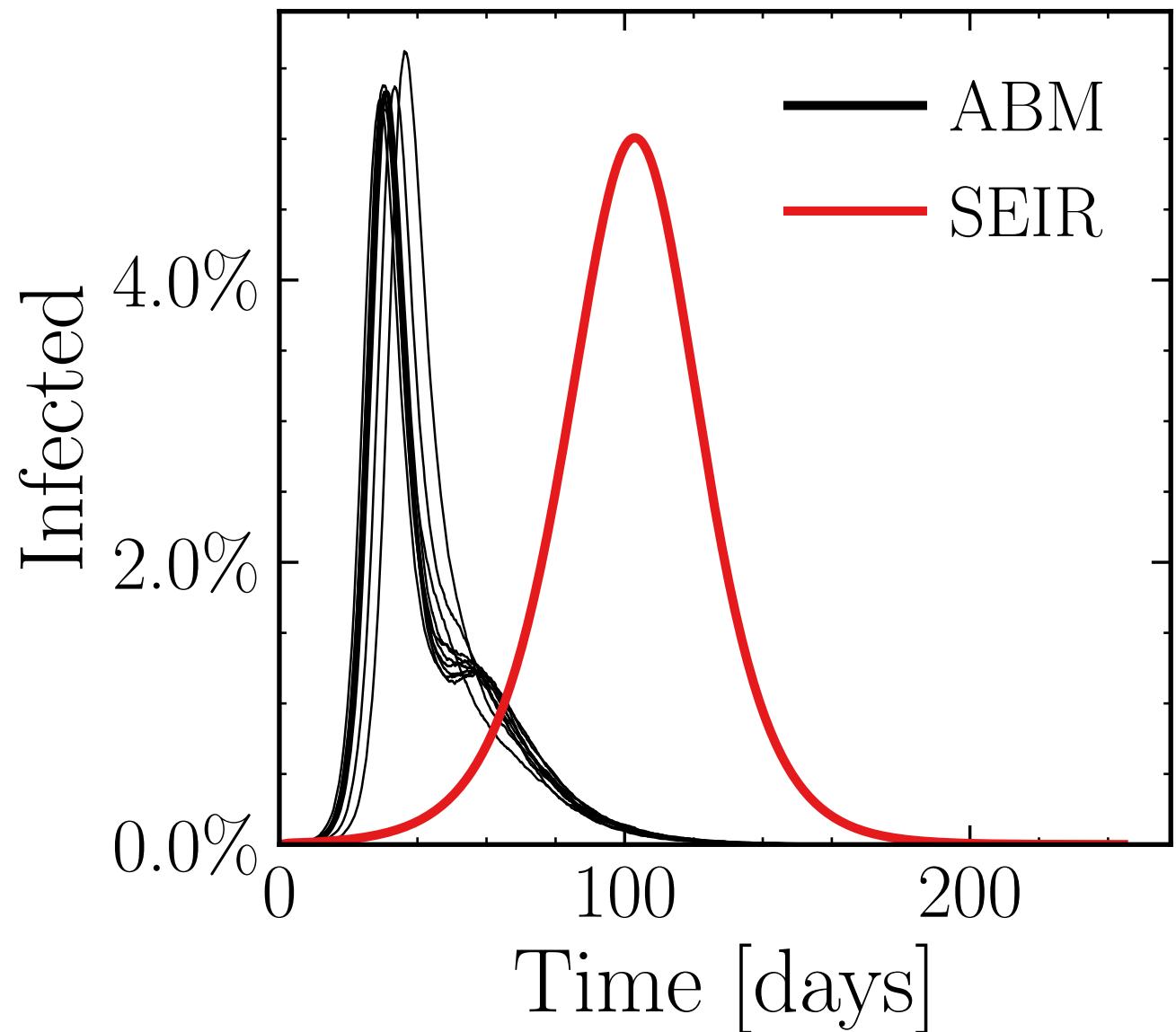
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = e98ac0df40, #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, $N_{\text{init}} = 100$

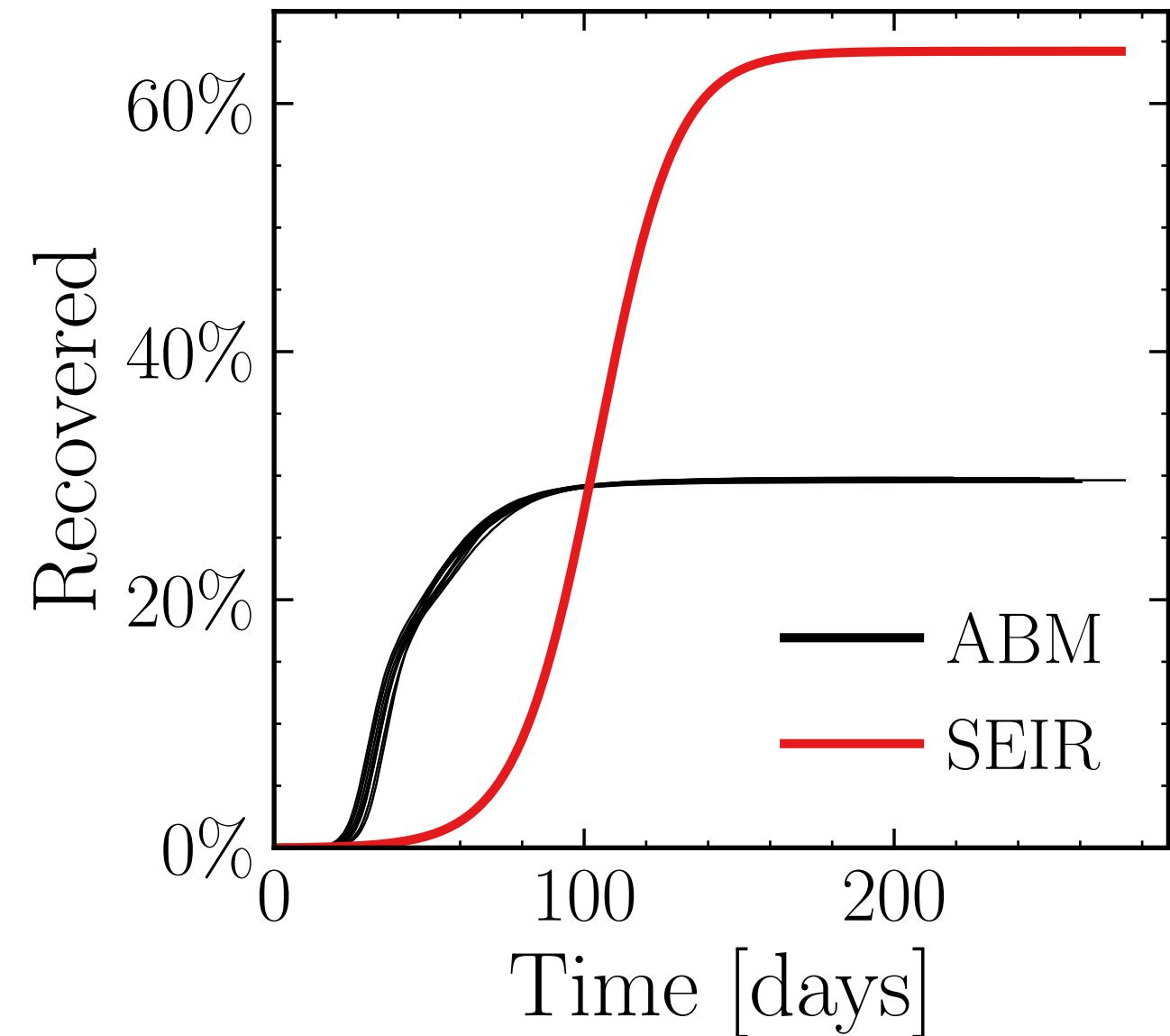
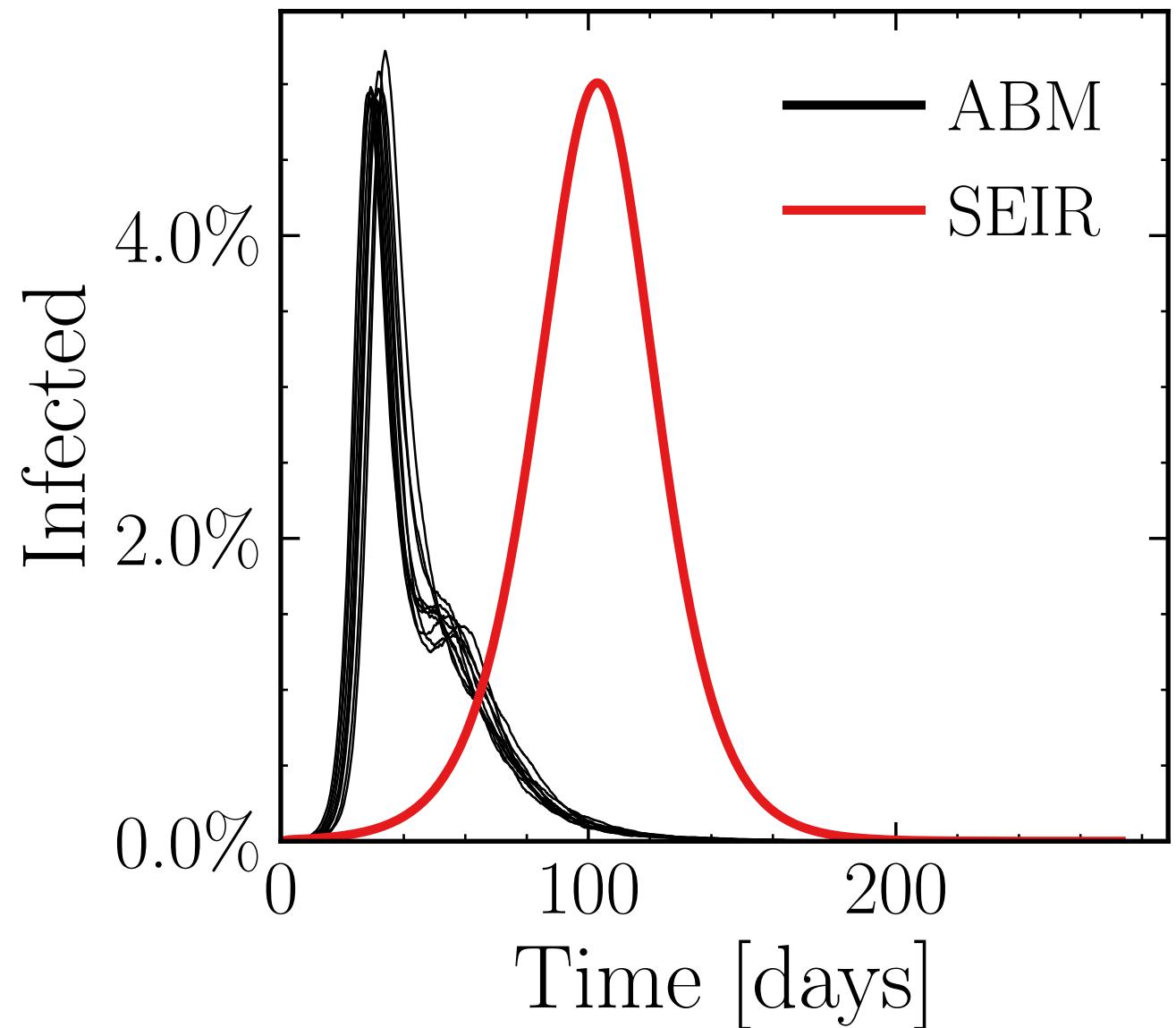
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f299dd2c0d, #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, $N_{\text{init}} = 100$

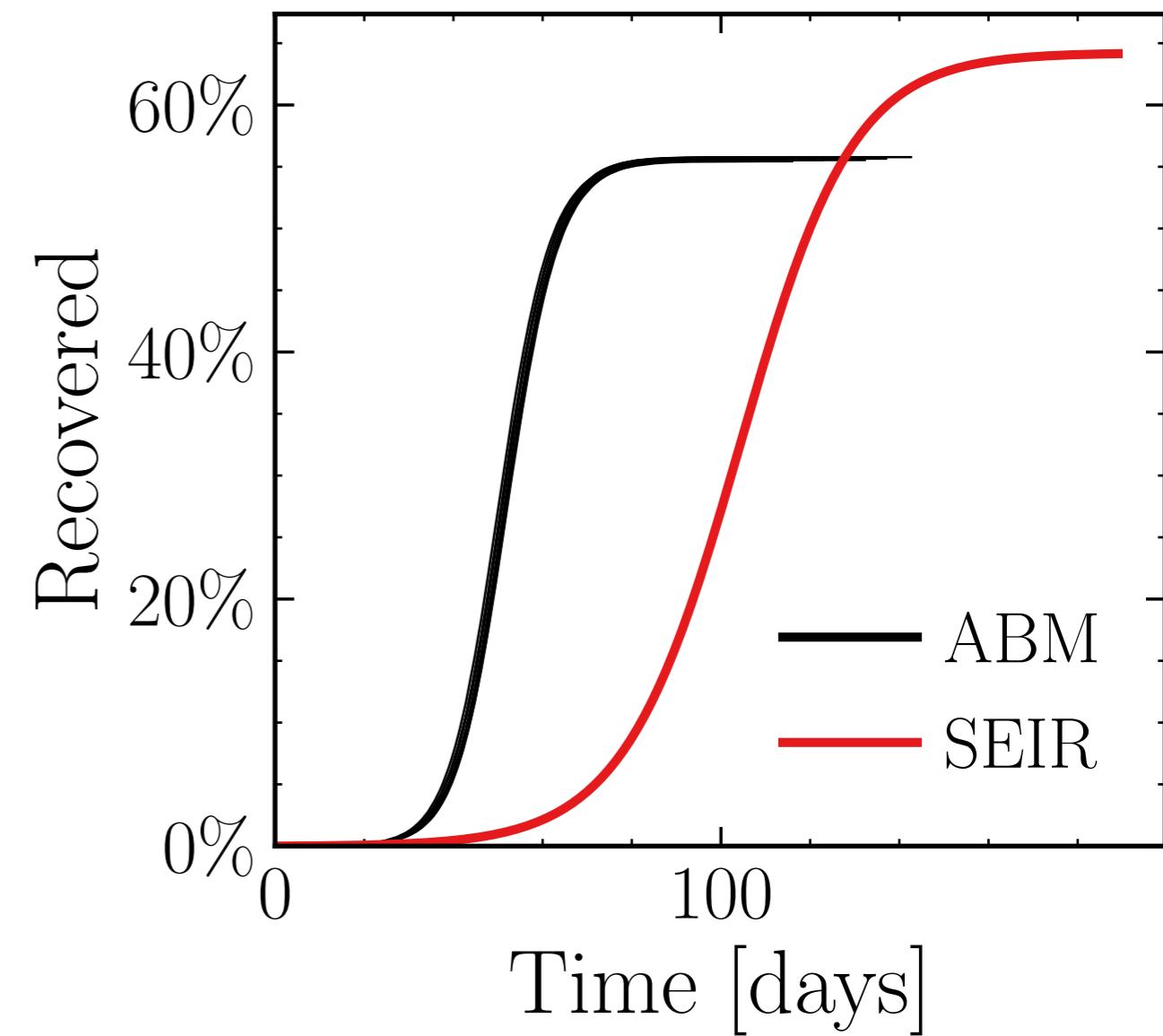
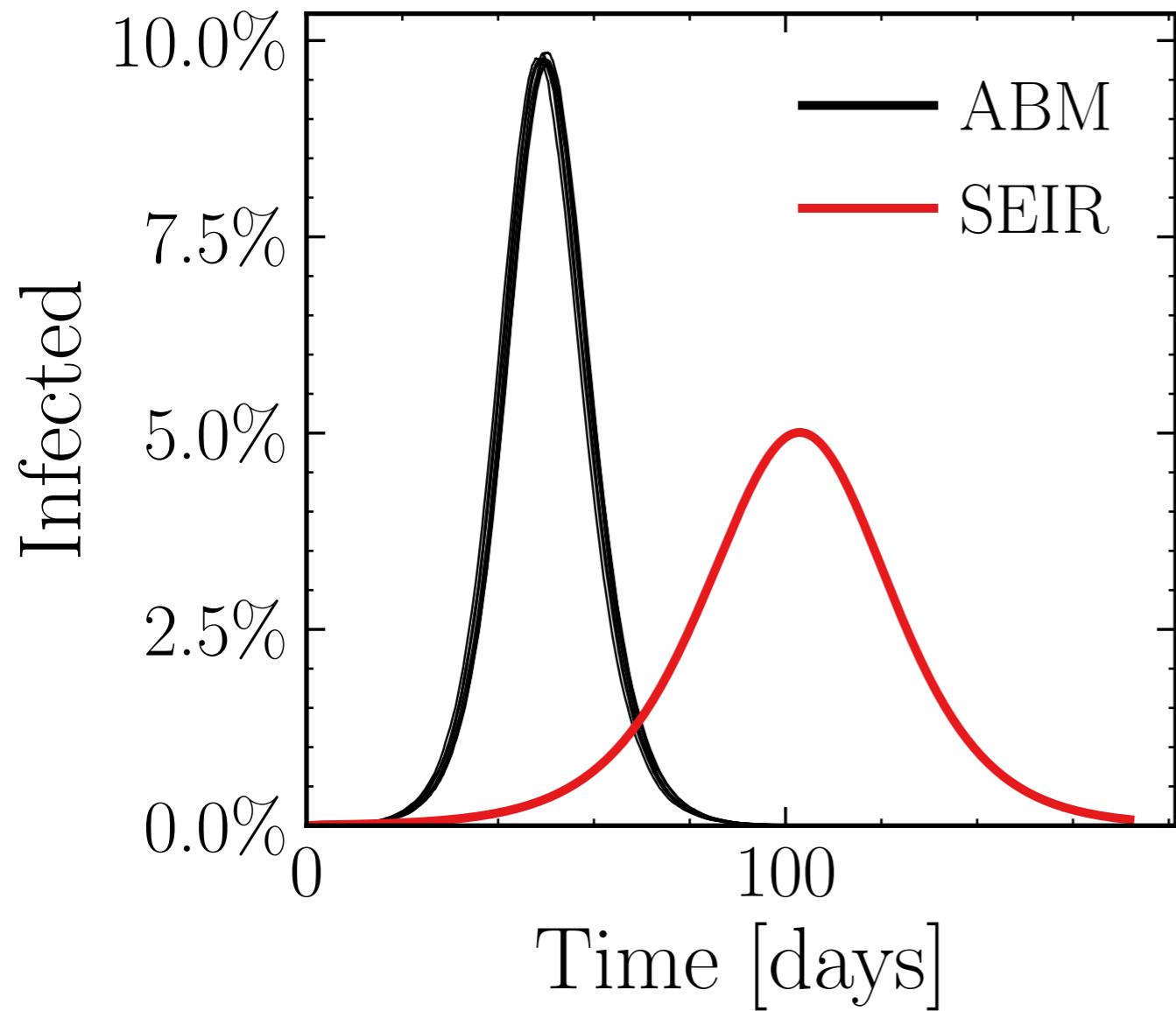
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

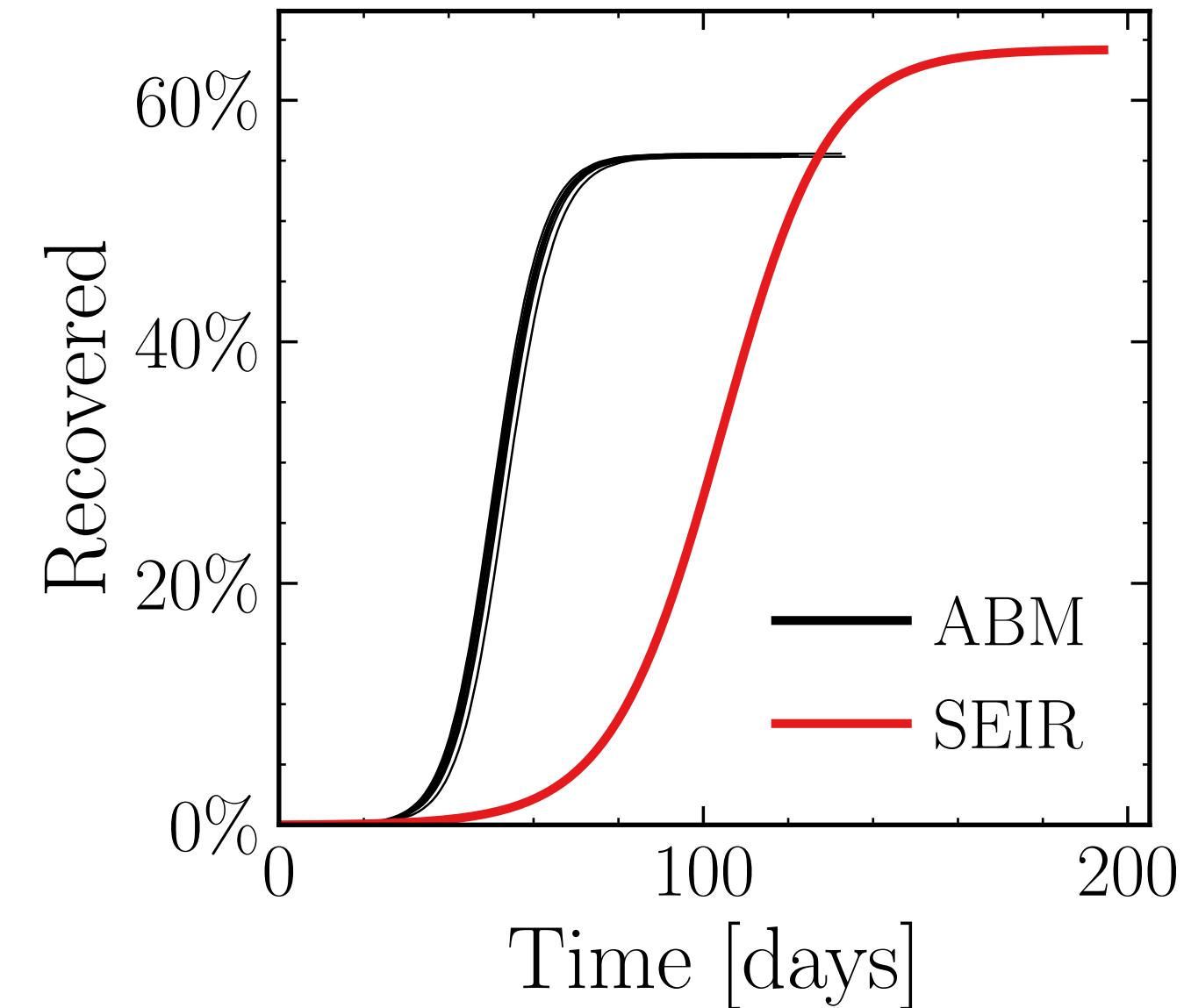
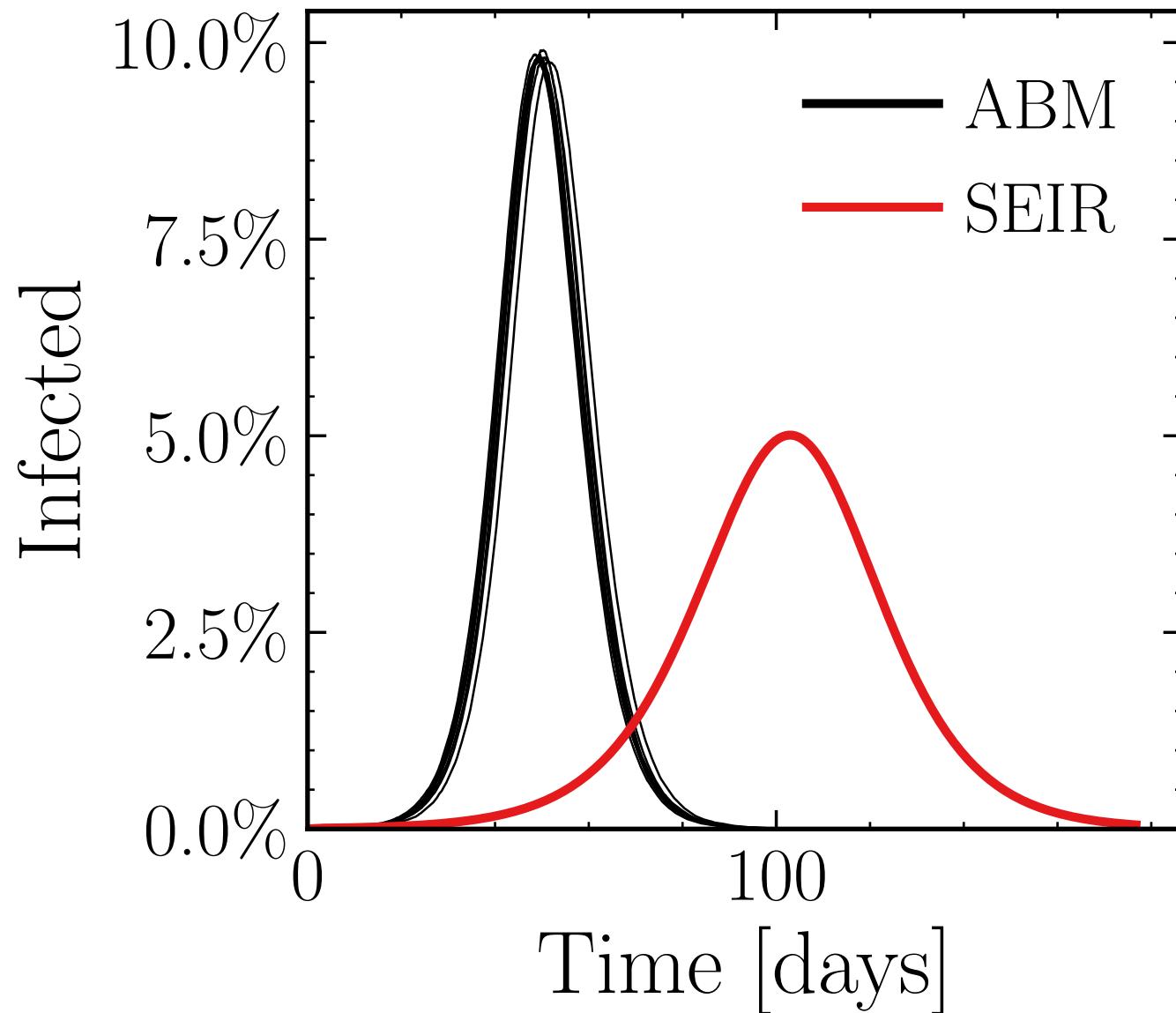
$I_{\text{peak}}^{\text{ABM}} = (56.62 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = a1274322fc, #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, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (56.91 \pm 0.14\%) \cdot 10^3$ v. = 1.0, hash = 4c576cd66d, #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, $N_{\text{init}} = 100$

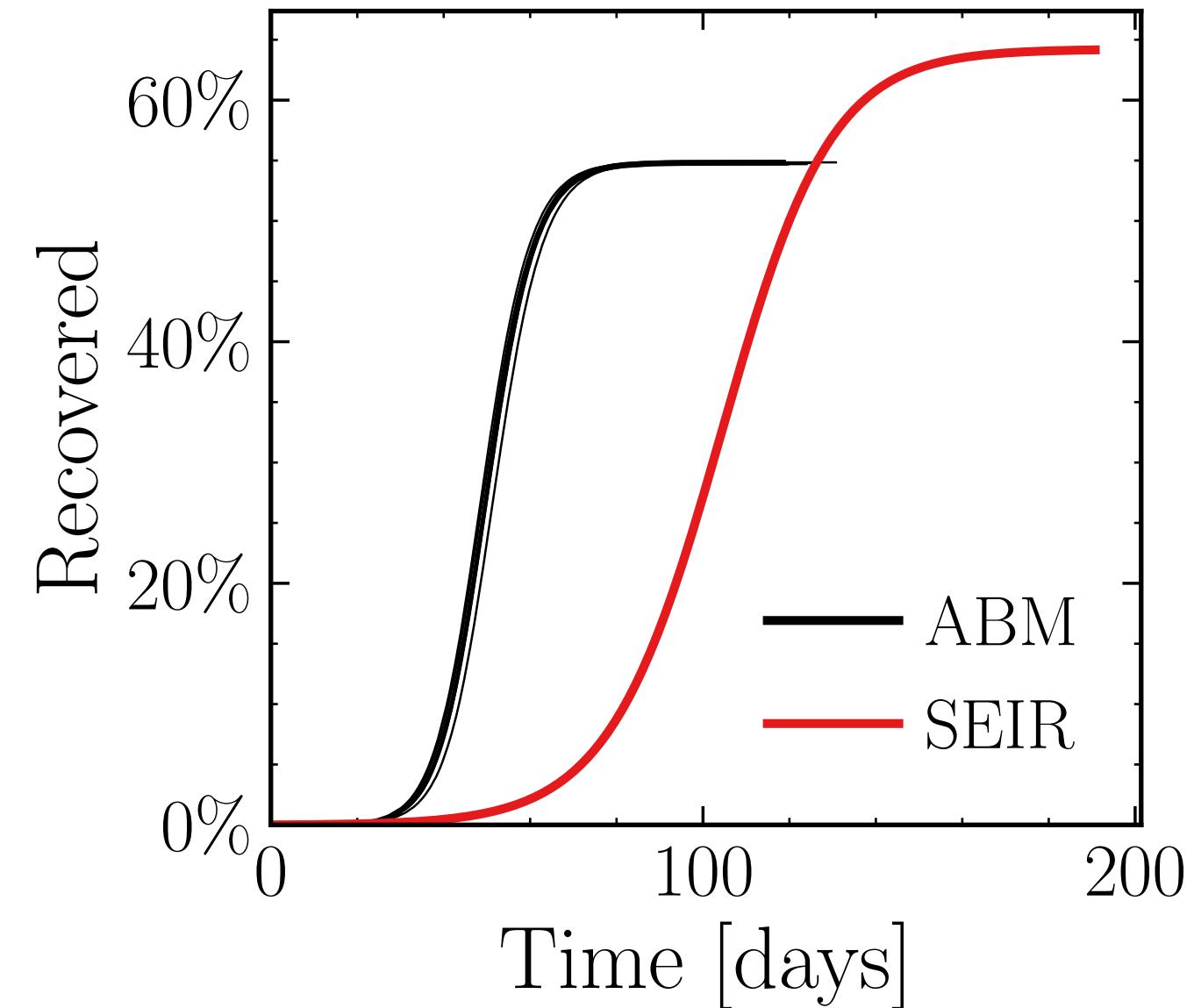
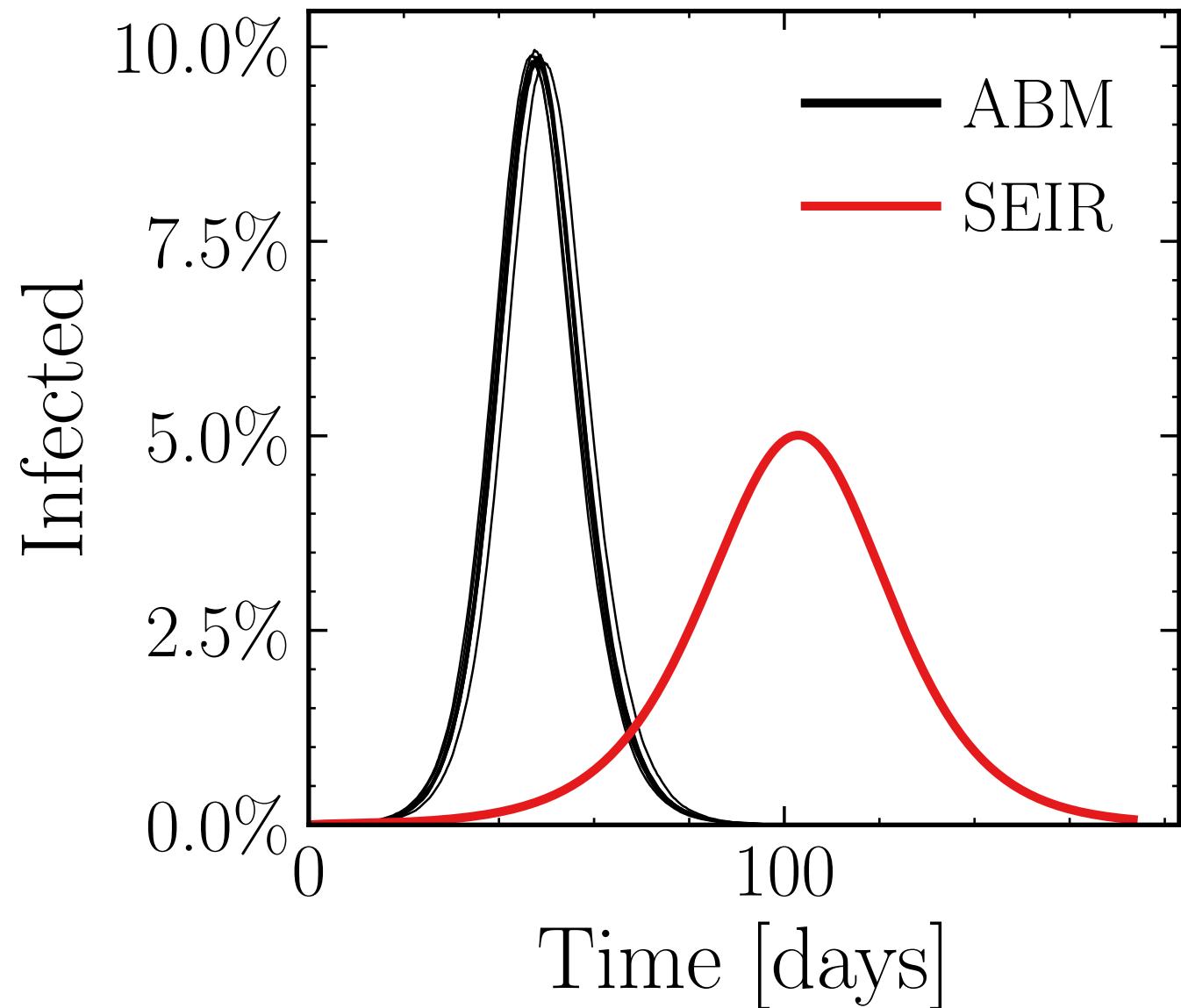
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

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

v. = 1.0, hash = bed725917d, #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, $N_{\text{init}} = 100$

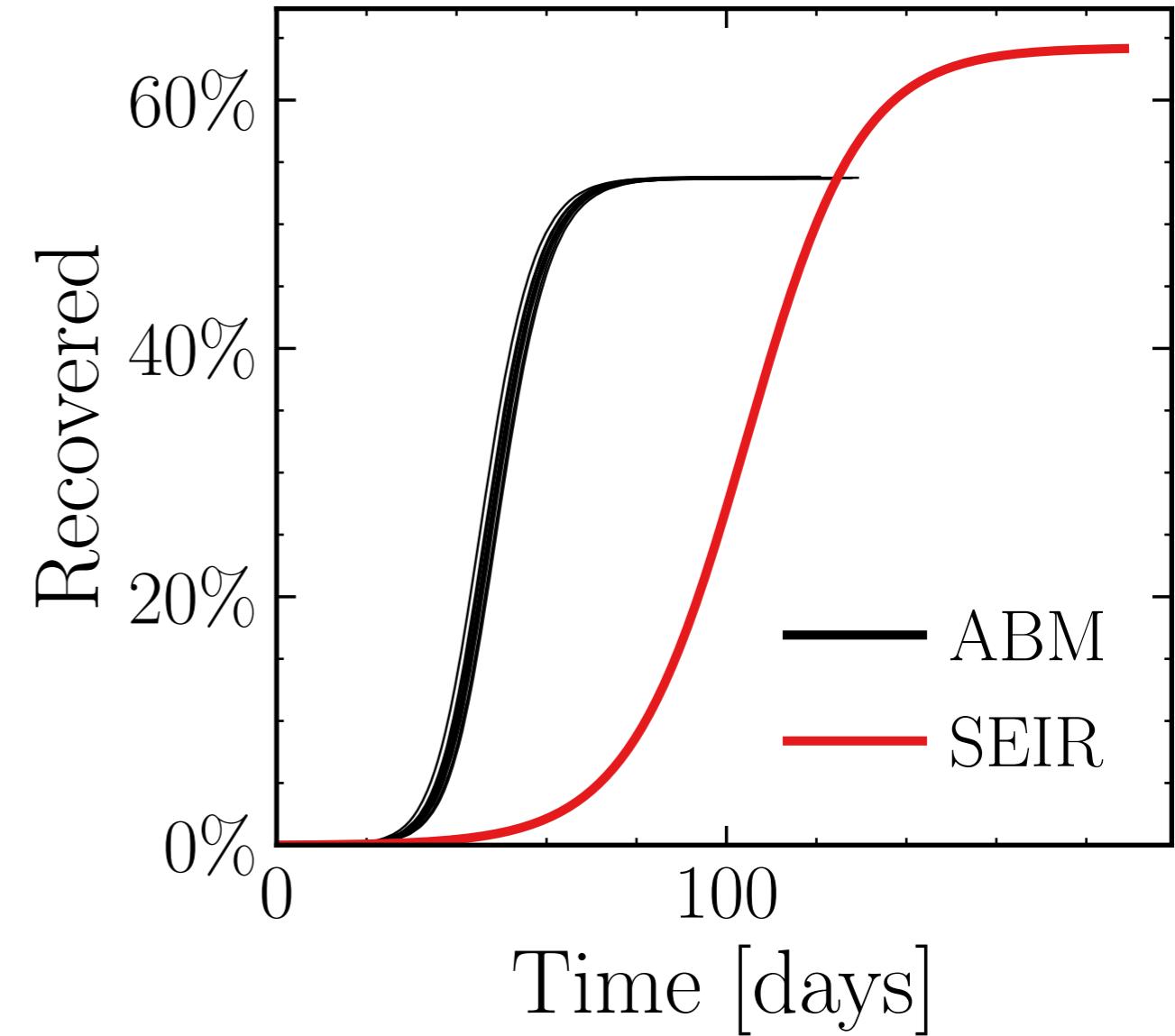
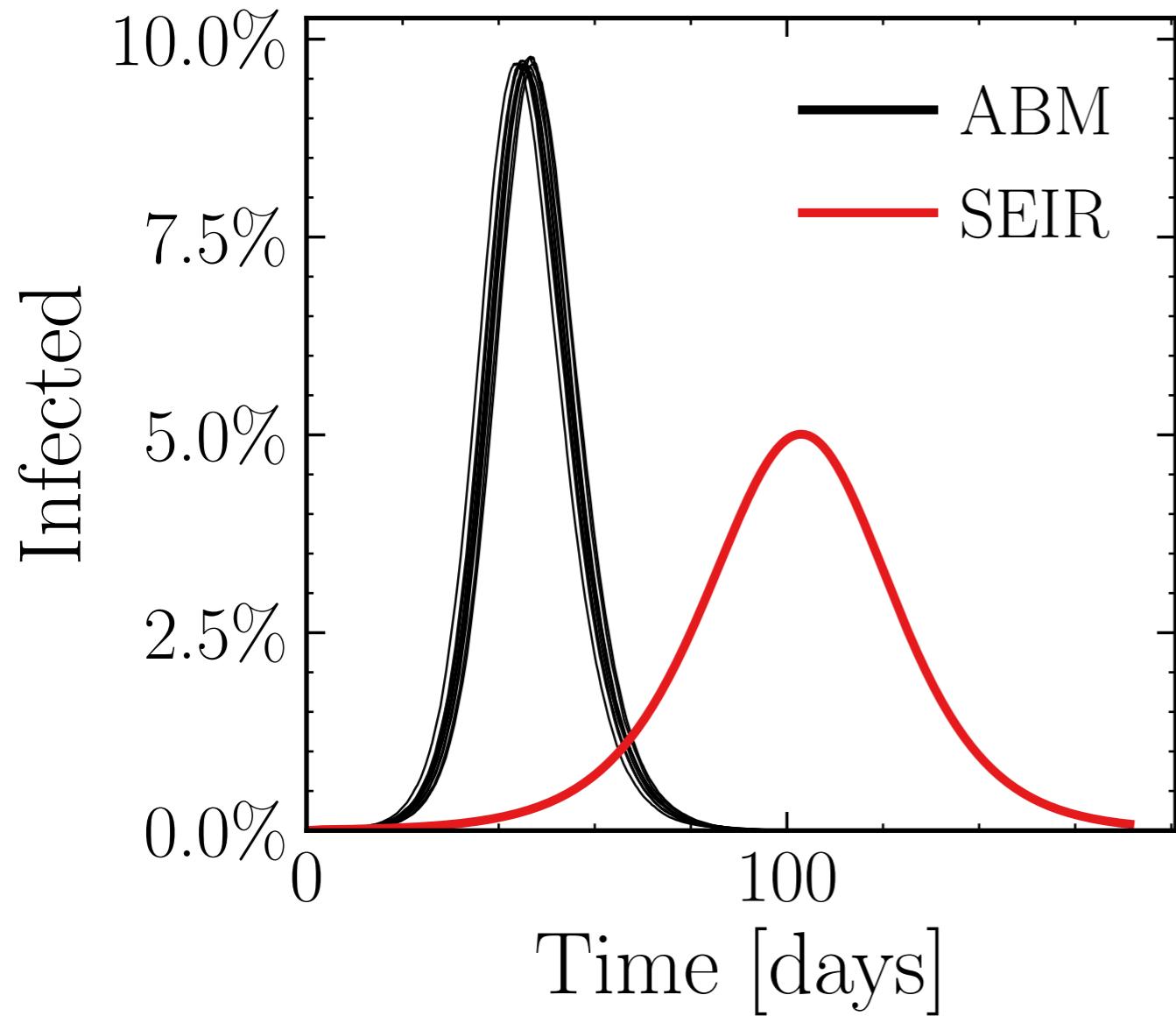
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f9a8ce9585, #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, $N_{\text{init}} = 100$

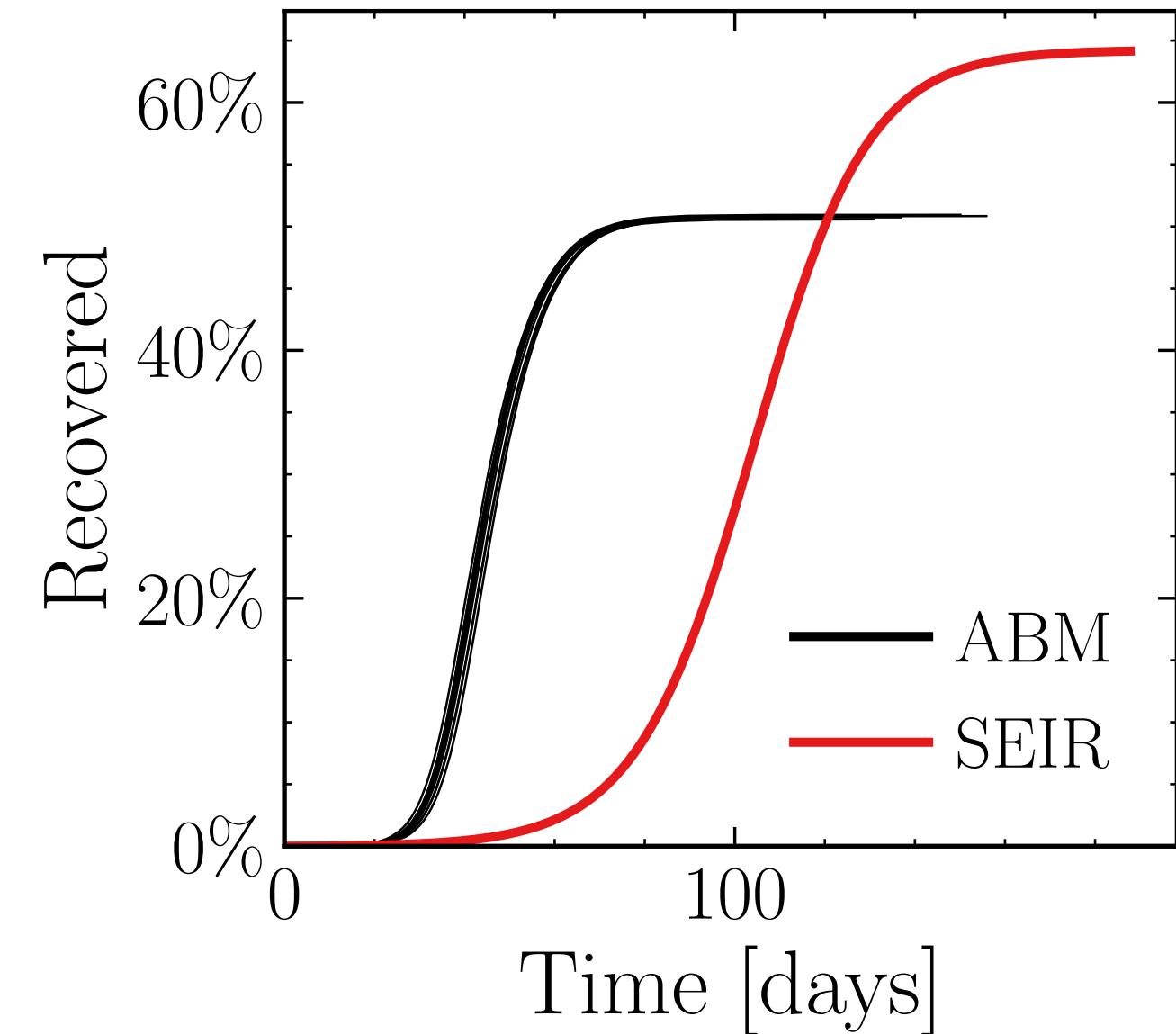
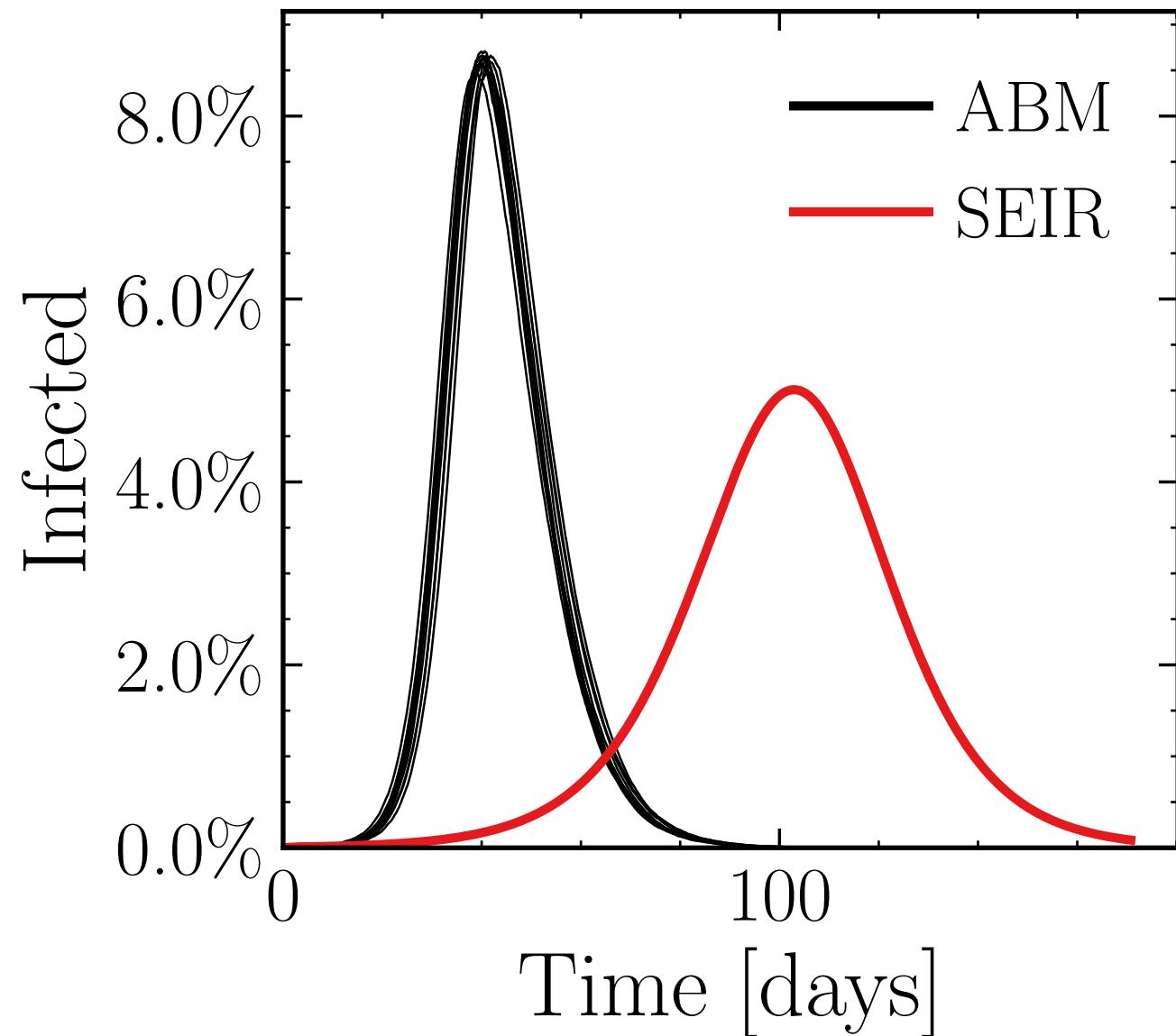
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 9edc8cd11e, #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, $N_{\text{init}} = 100$

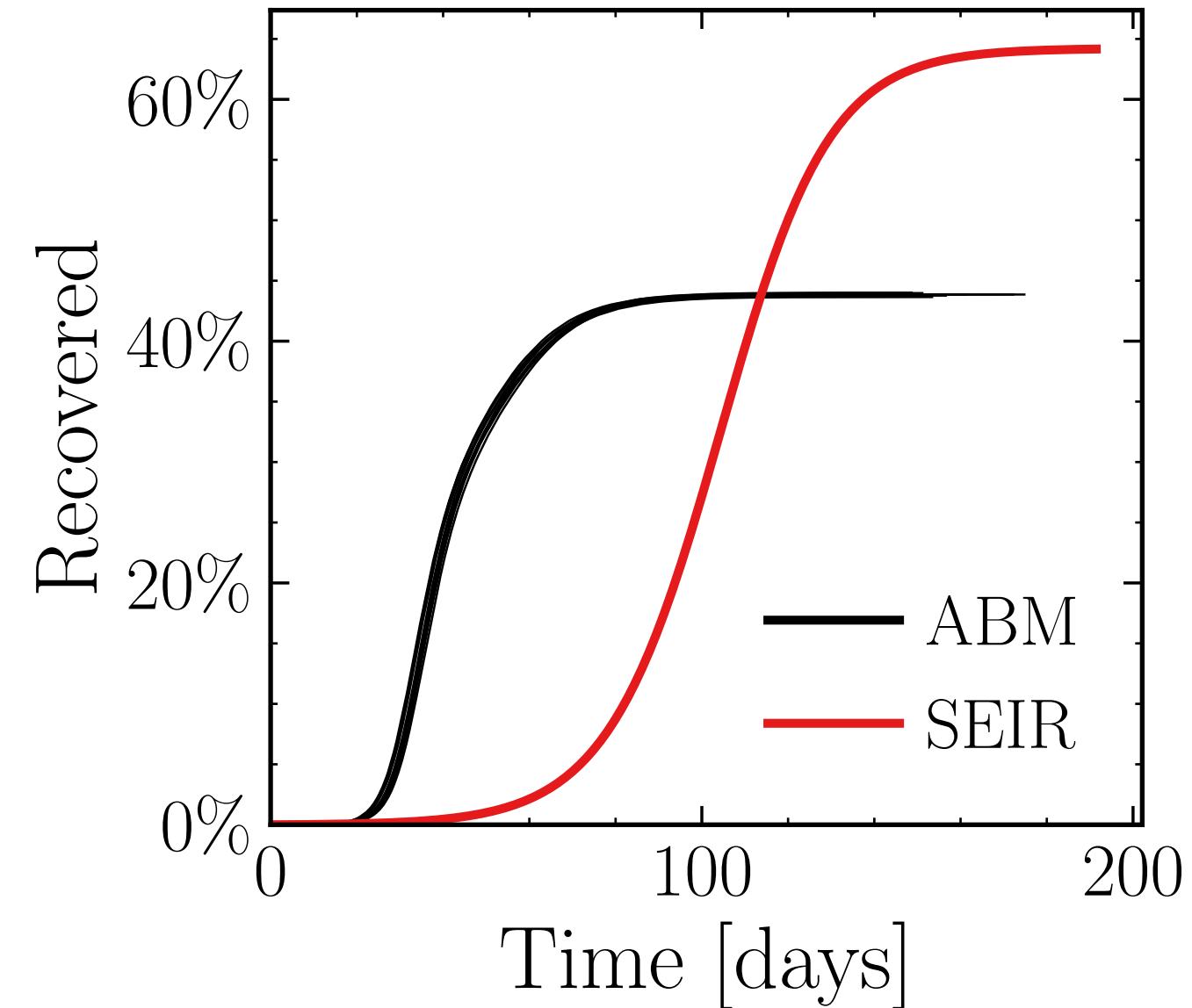
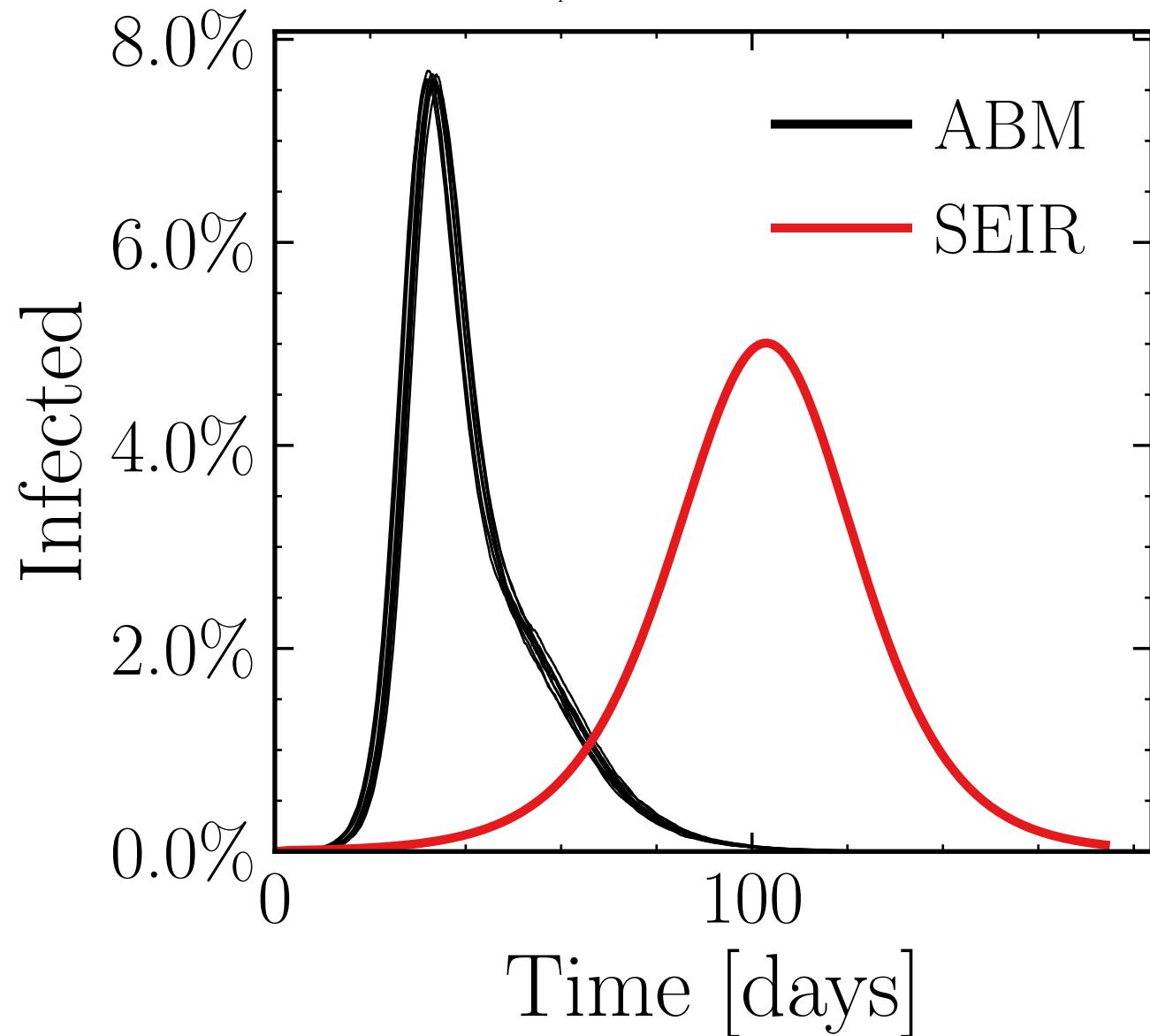
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{sizepeak} = 0, event_{sizemean} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

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

v. = 1.0, hash = d98ead84b9, #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, $N_{\text{init}} = 100$

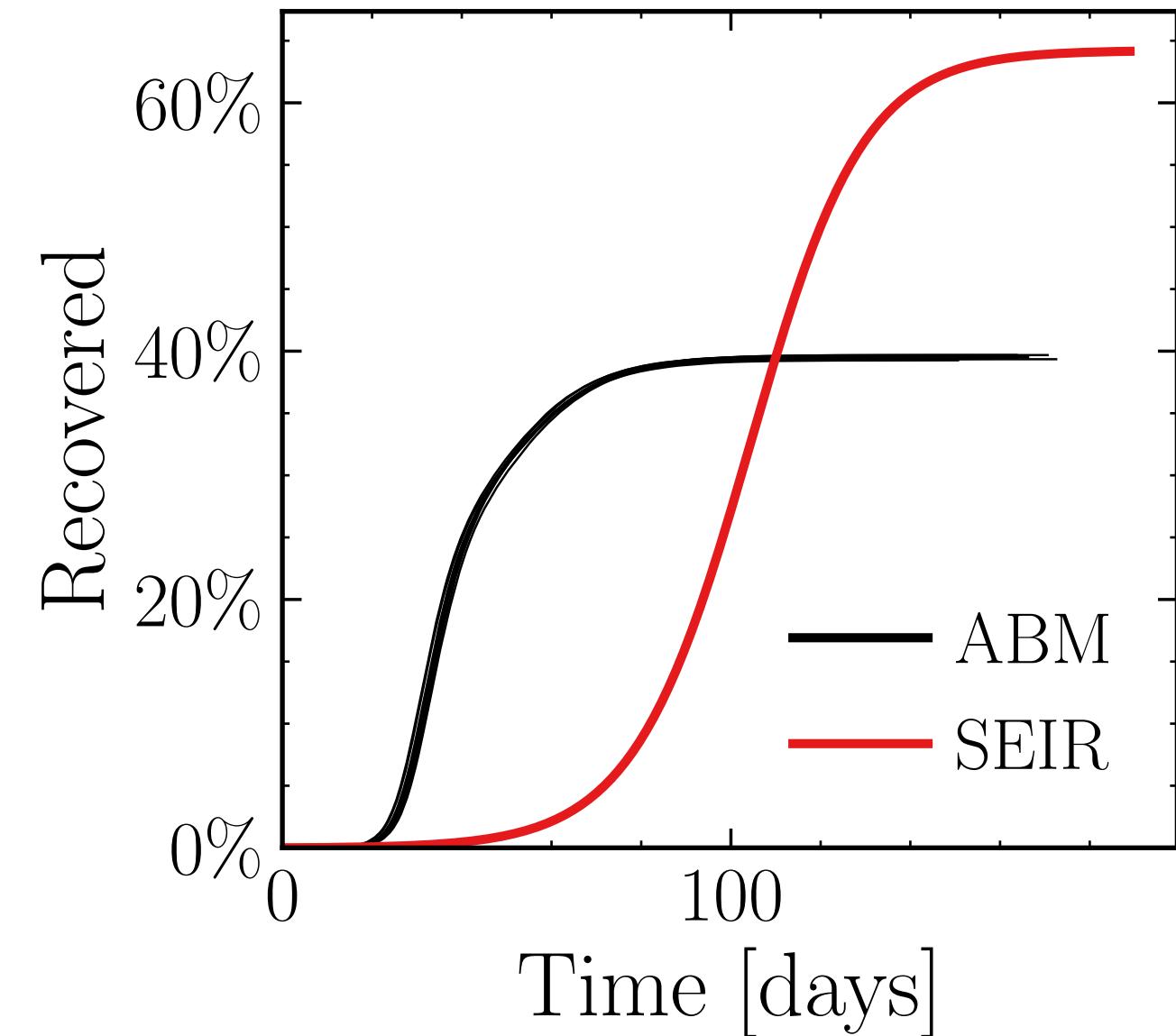
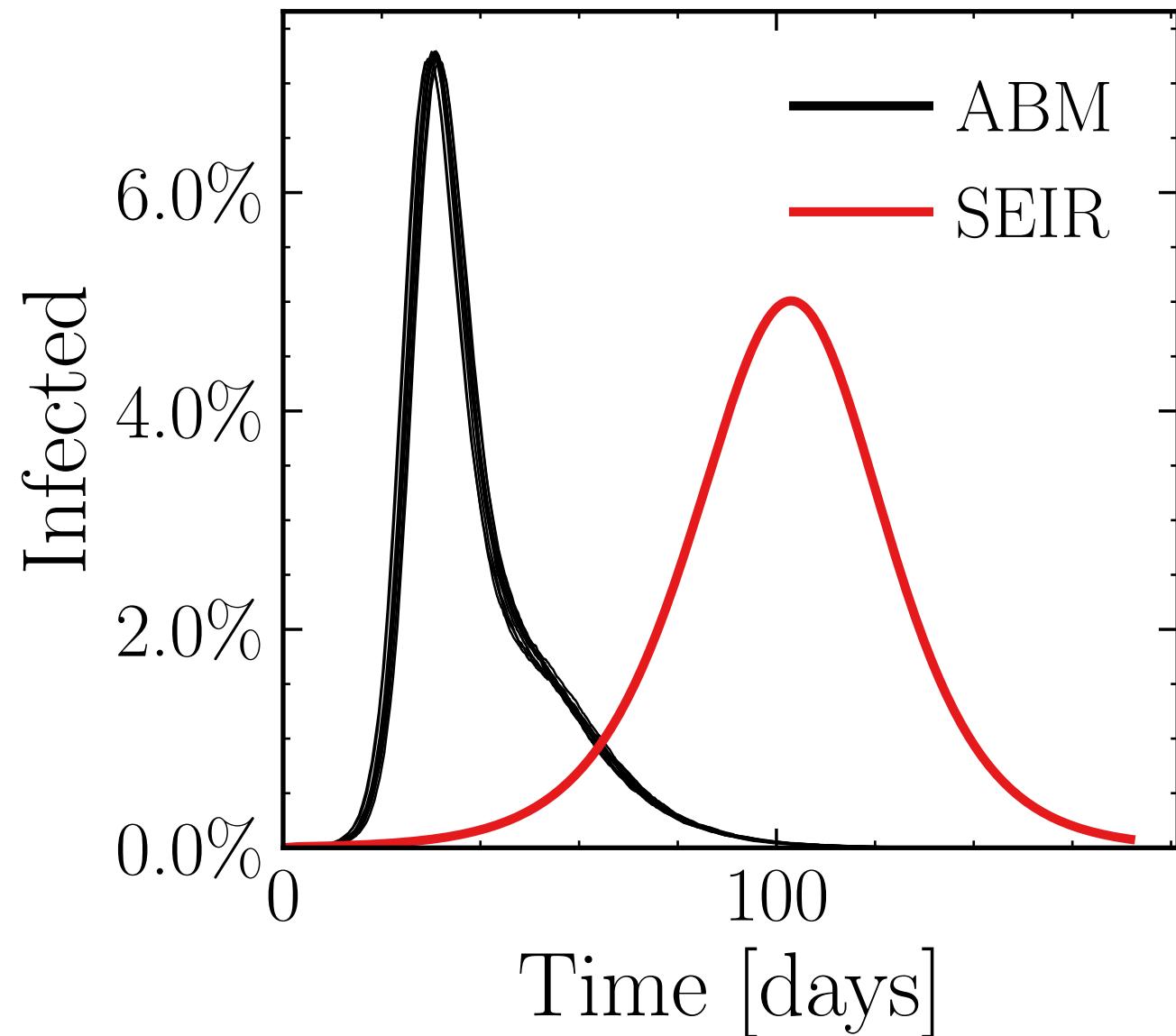
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f3fb0e26fe, #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, $N_{\text{init}} = 100$

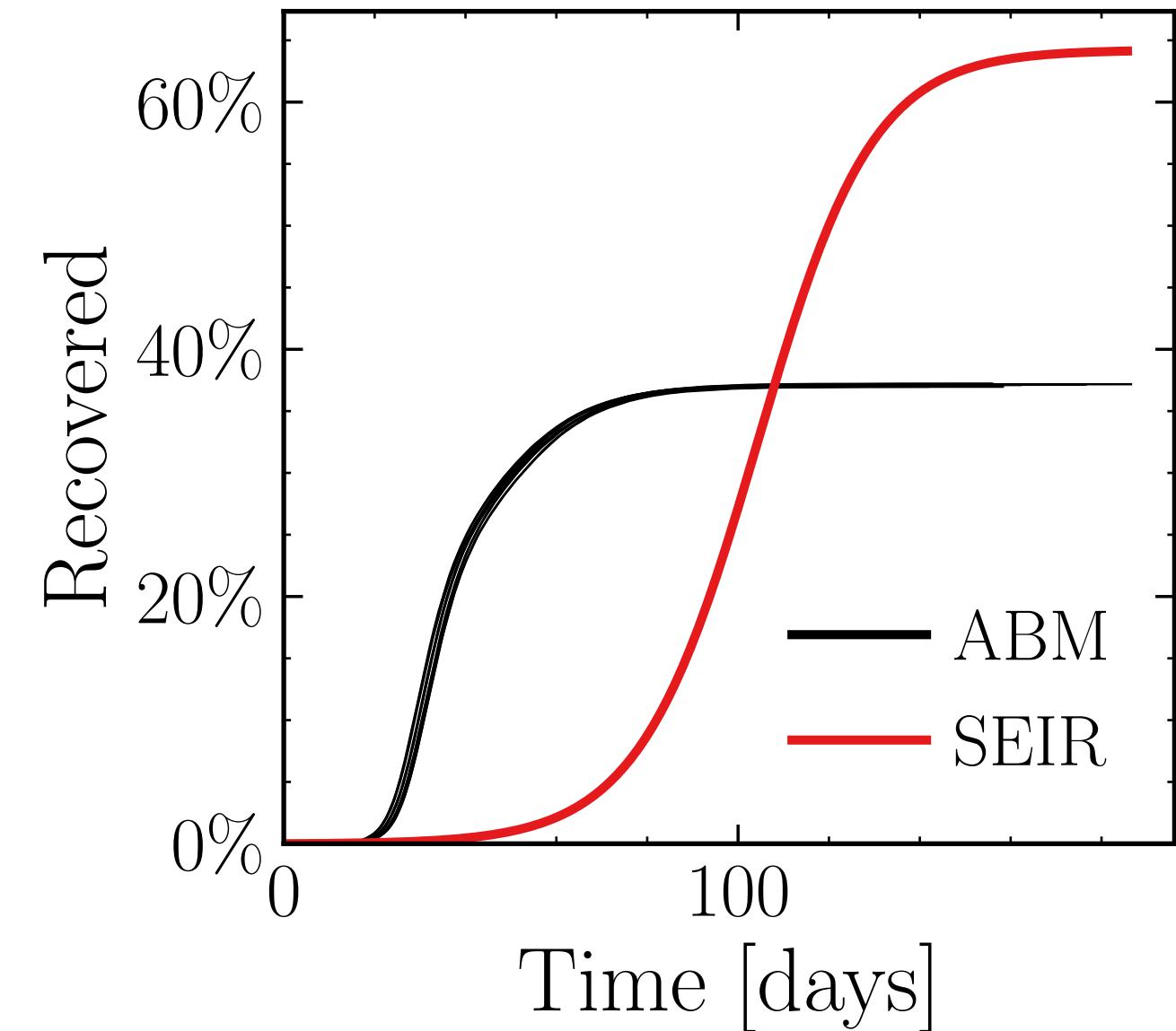
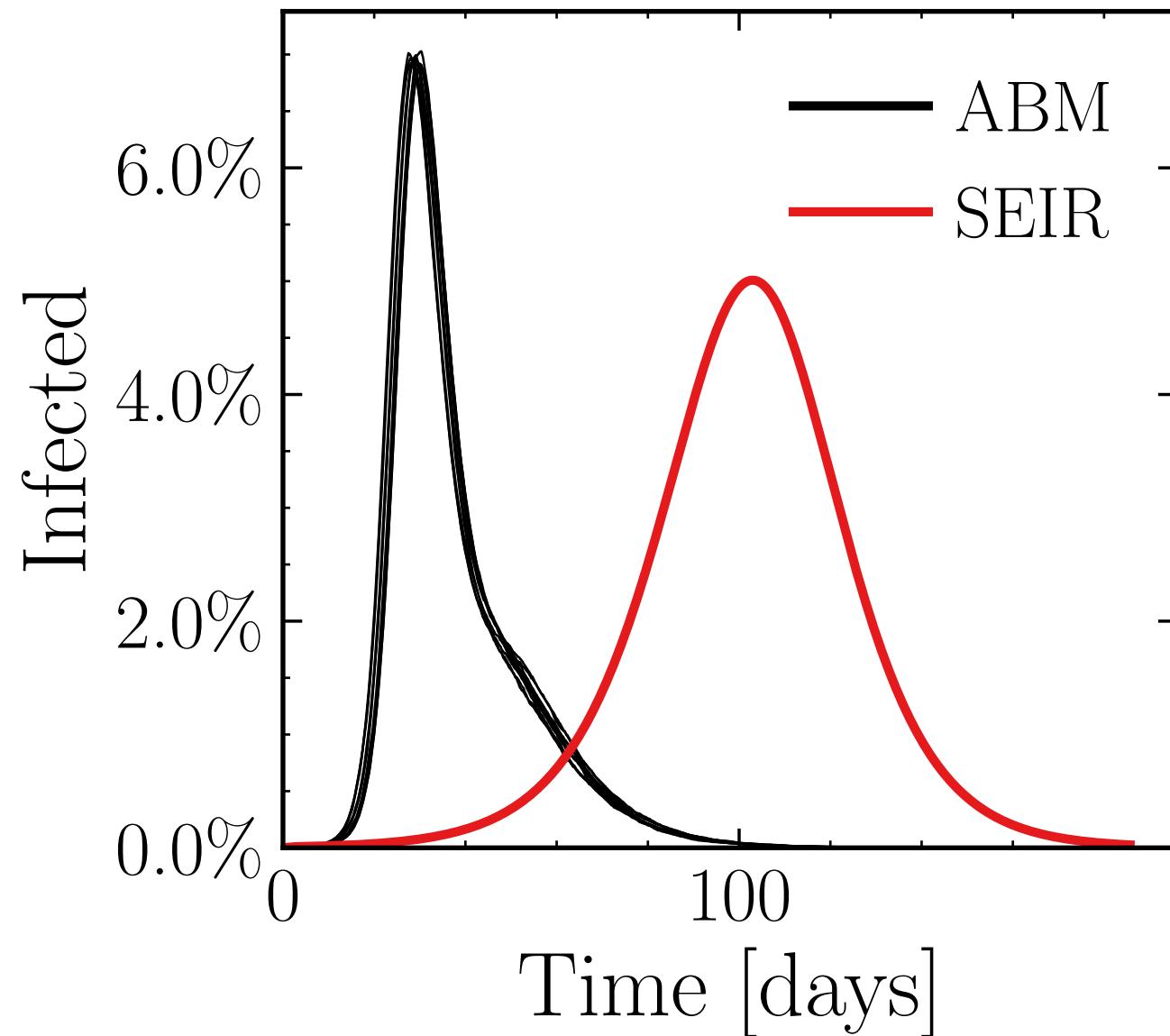
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 3a7a0cd258, #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, $N_{\text{init}} = 100$

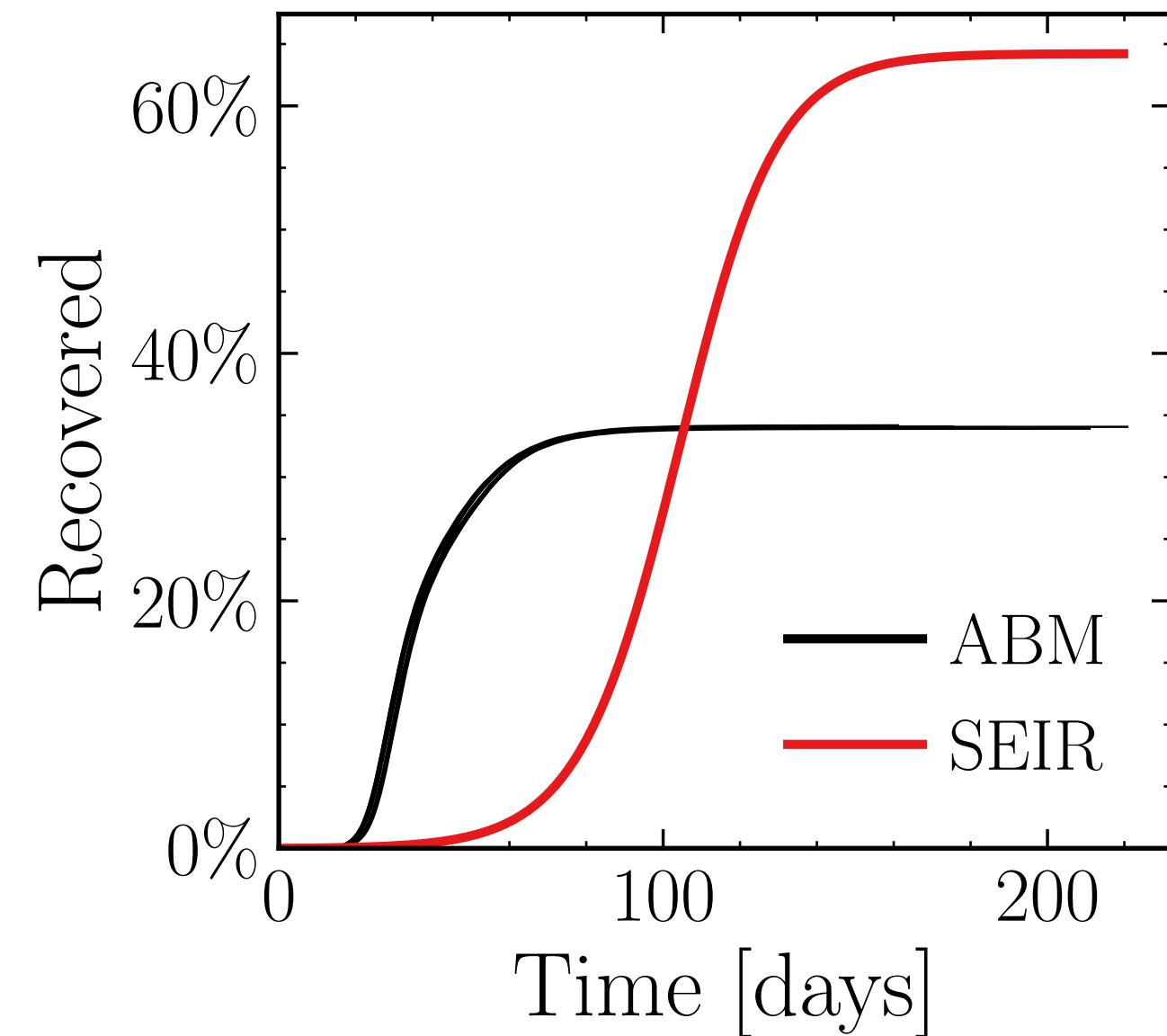
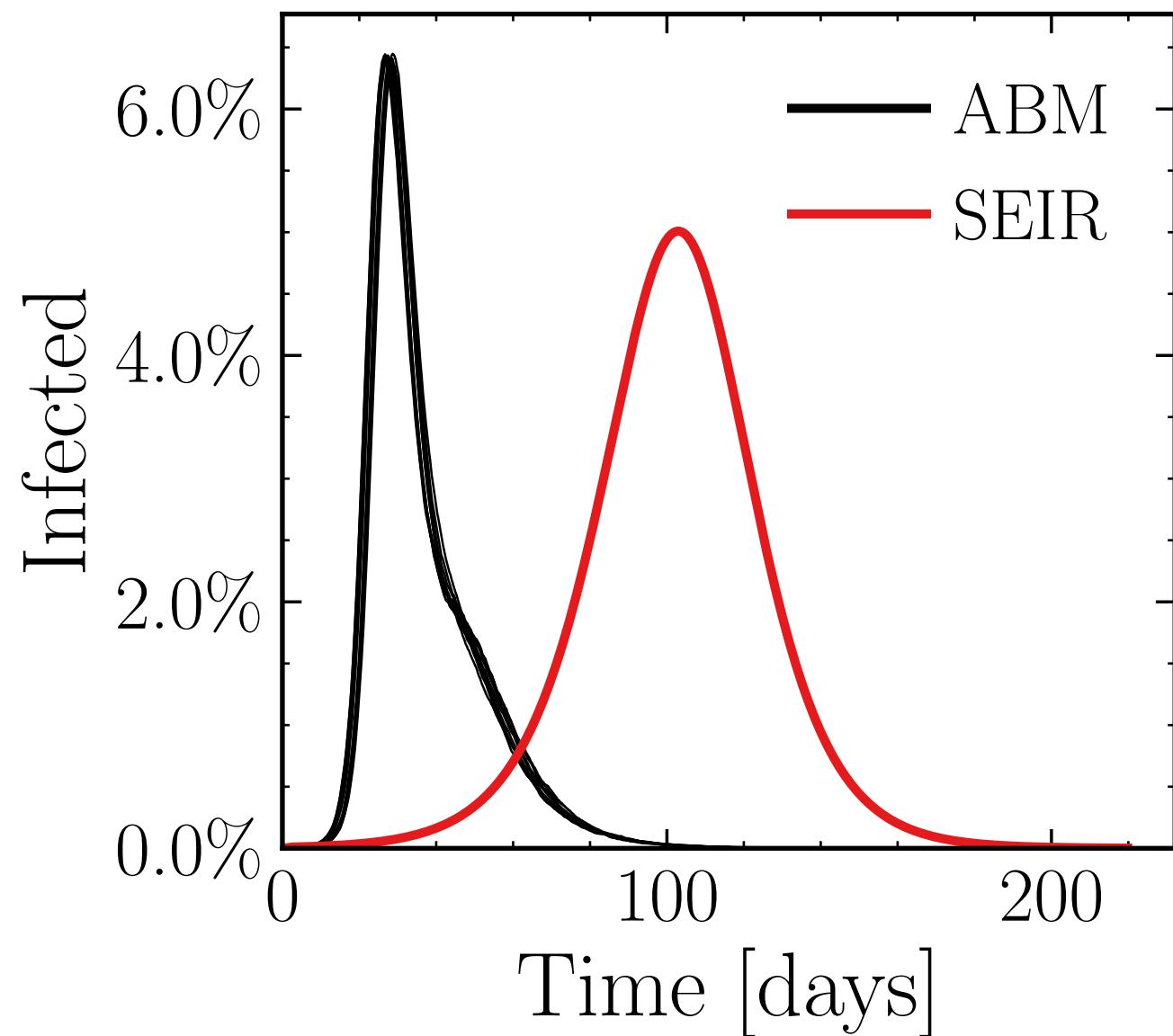
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 7d18cda3ca, #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, $N_{\text{init}} = 100$

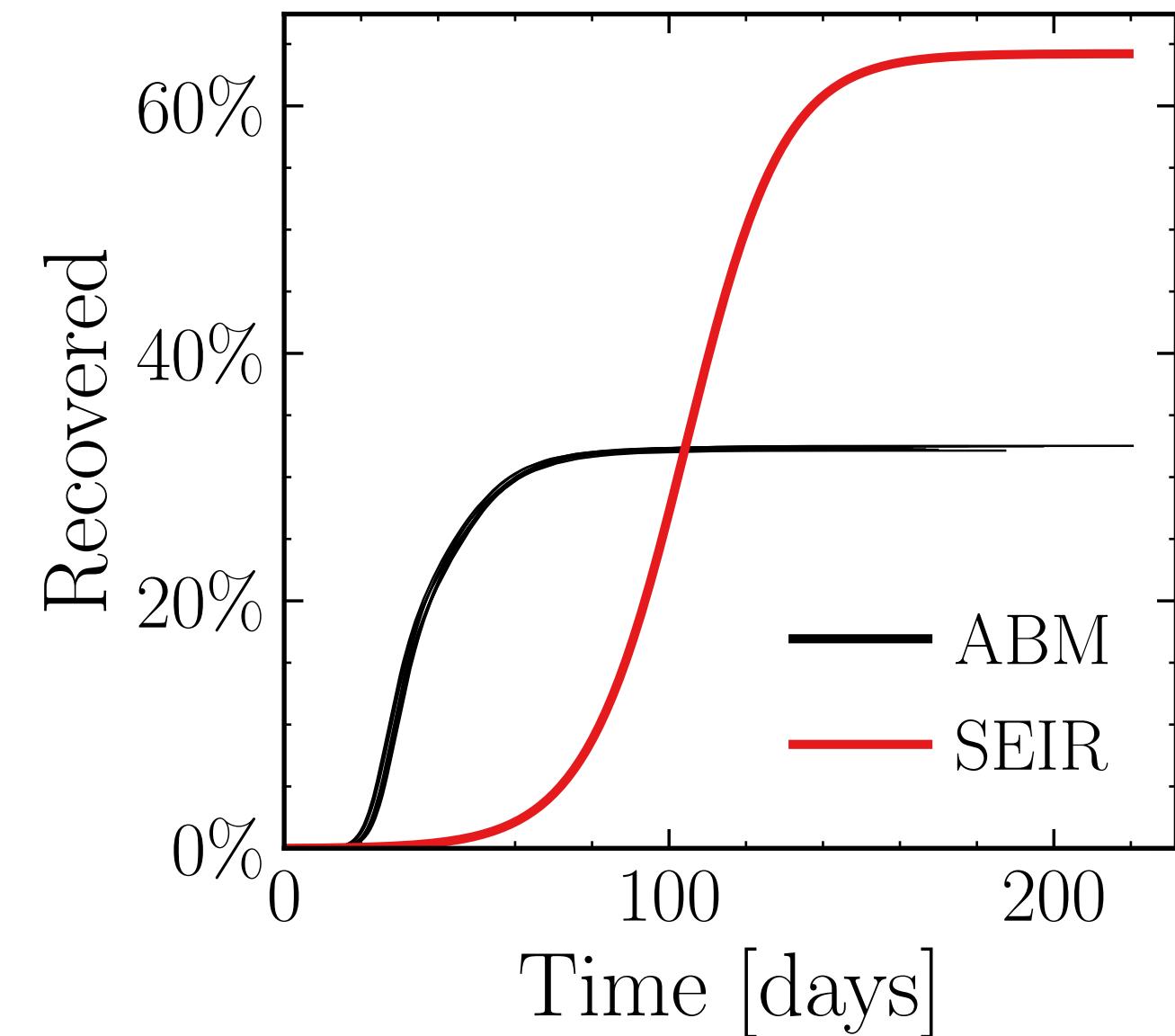
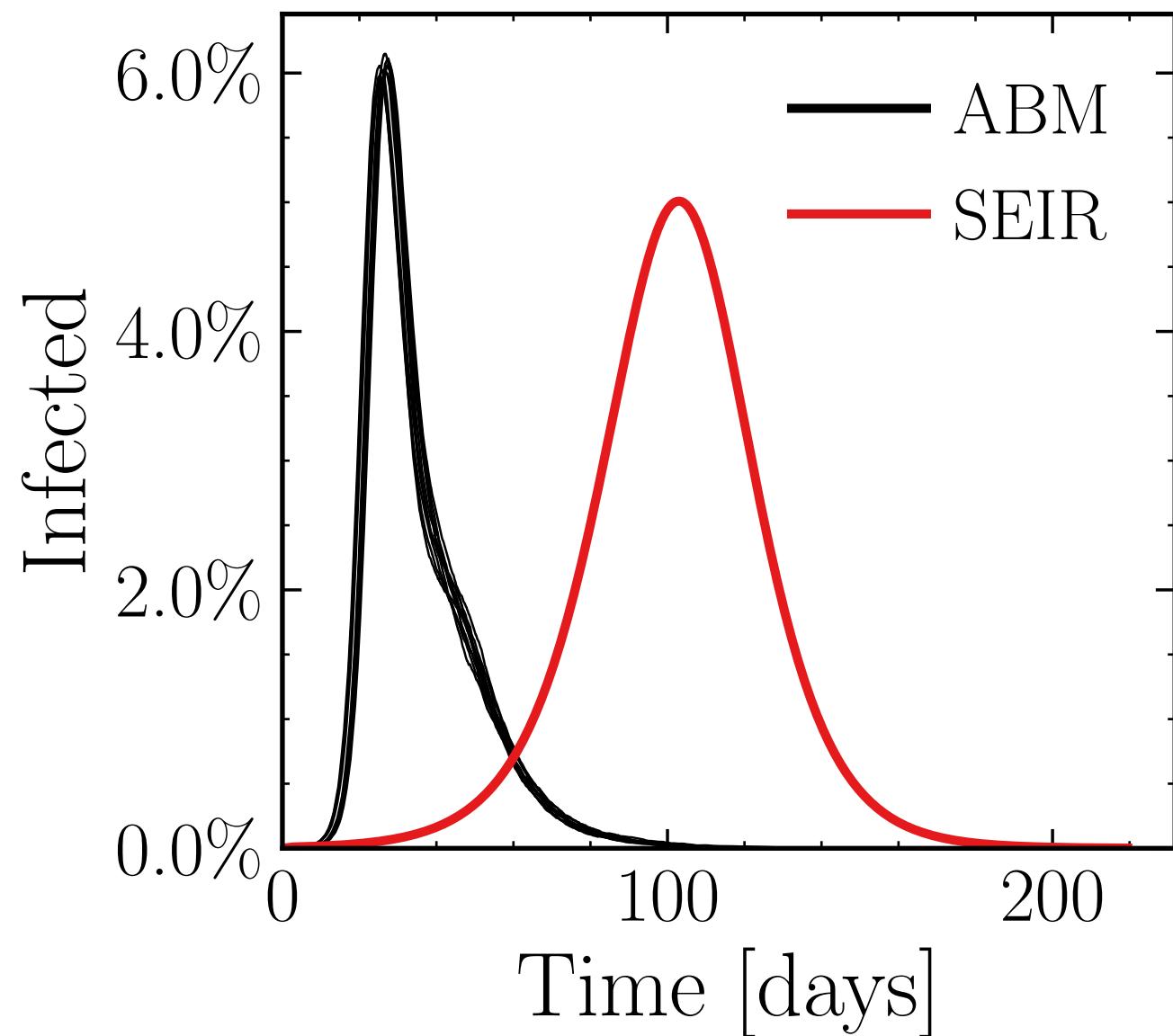
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f8ae037899, #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, $N_{\text{init}} = 100$

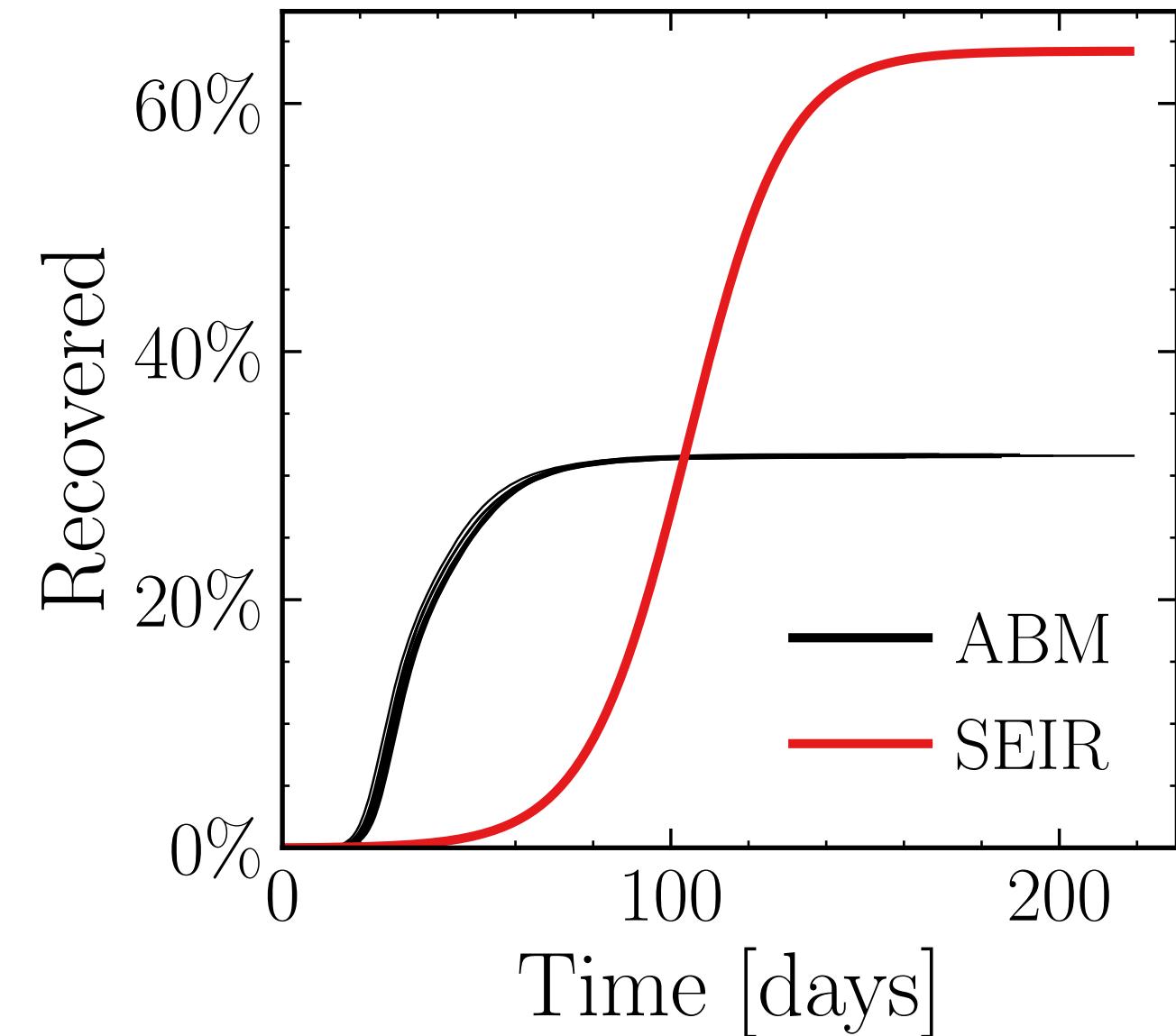
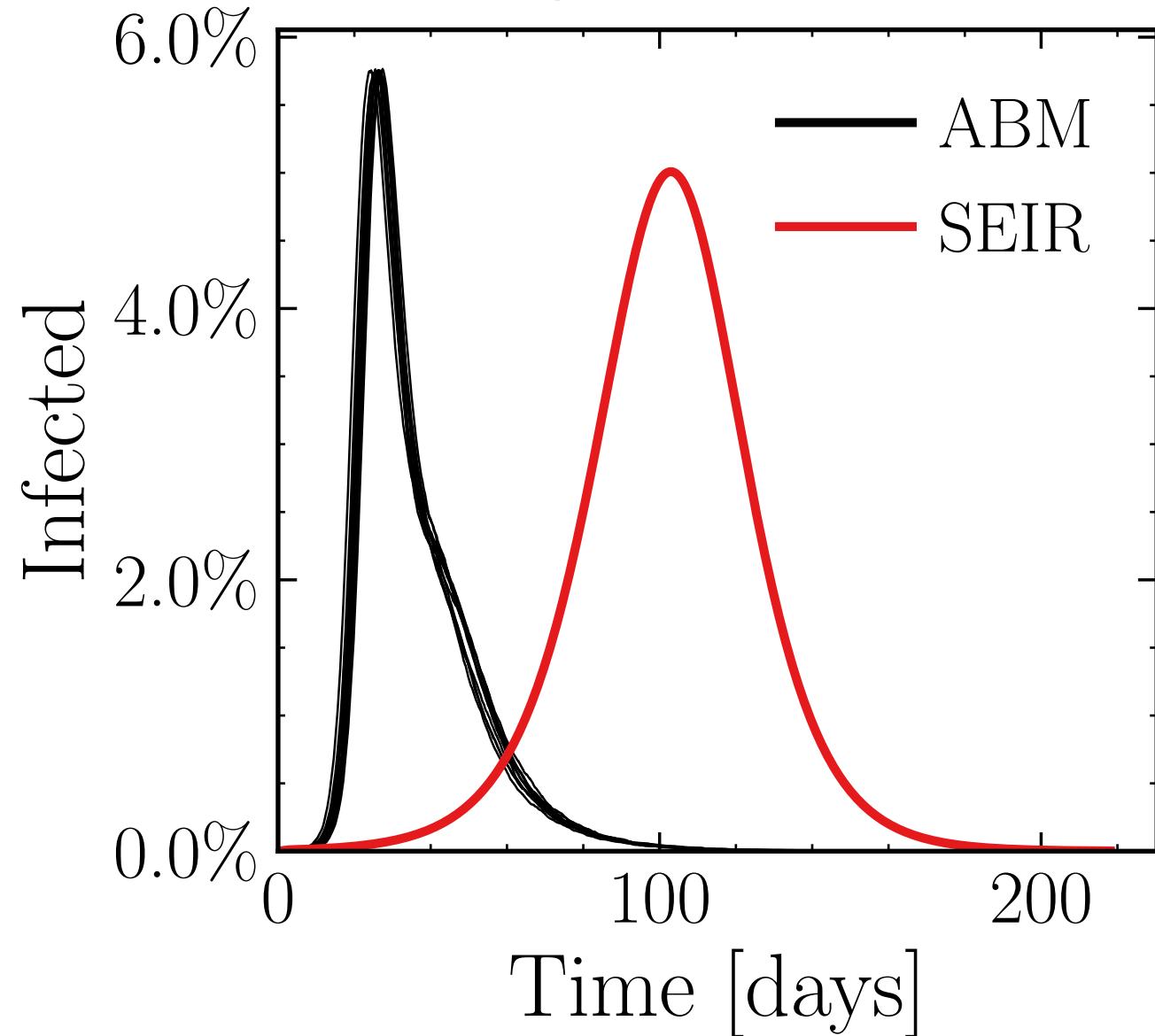
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 0a52743a0a, #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, $N_{\text{init}} = 100$

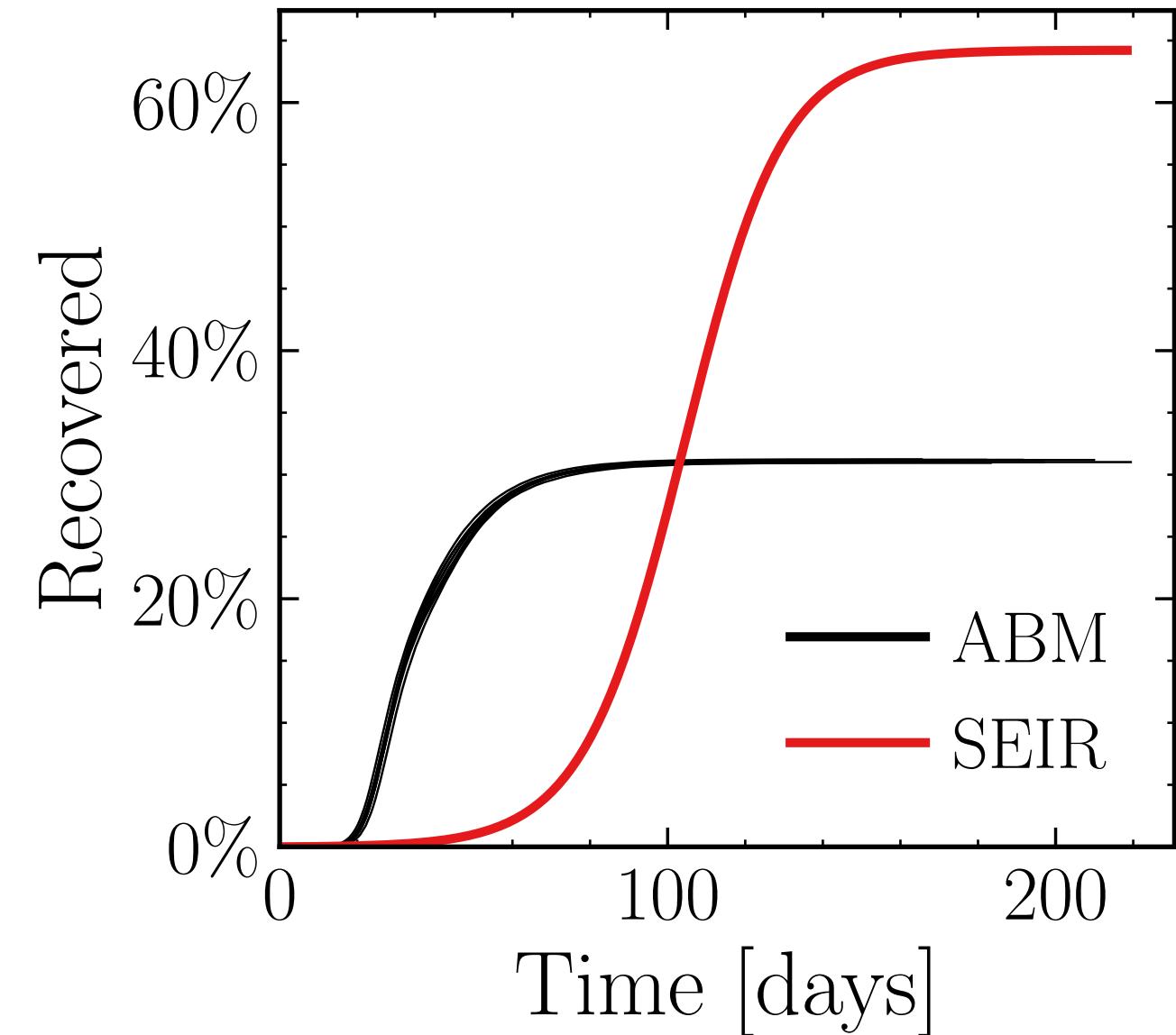
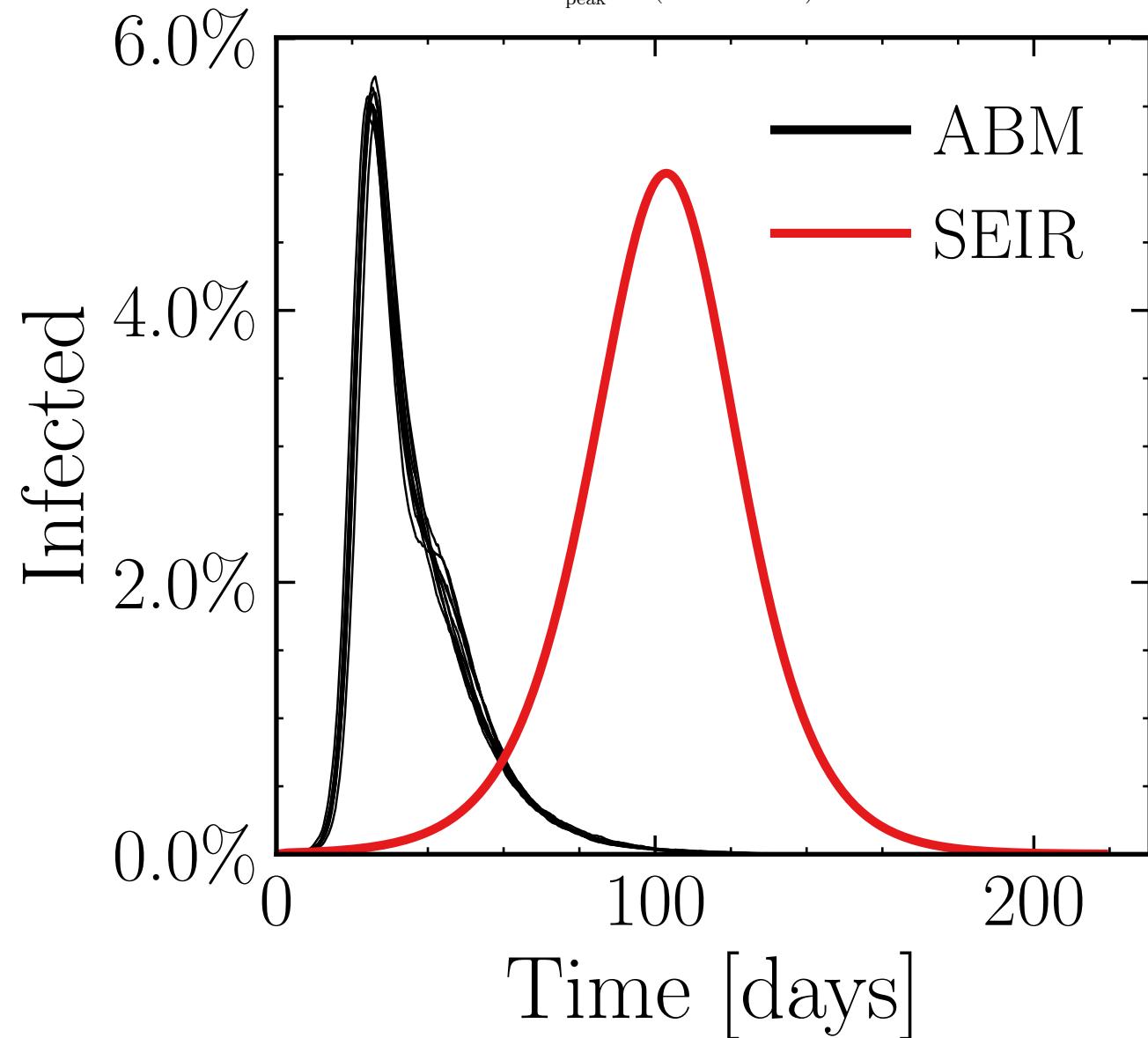
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f70819cdd5, #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, $N_{\text{init}} = 100$

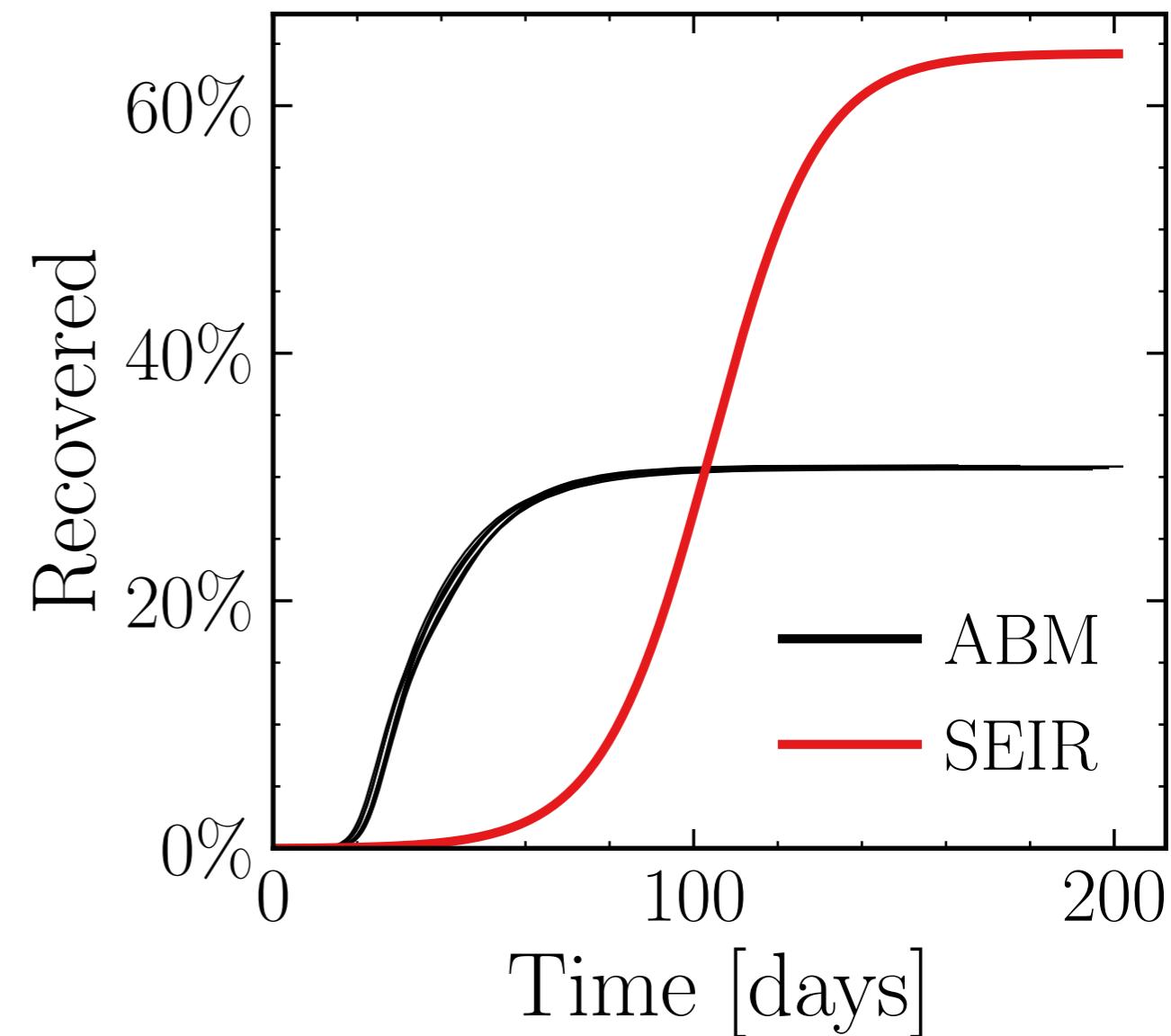
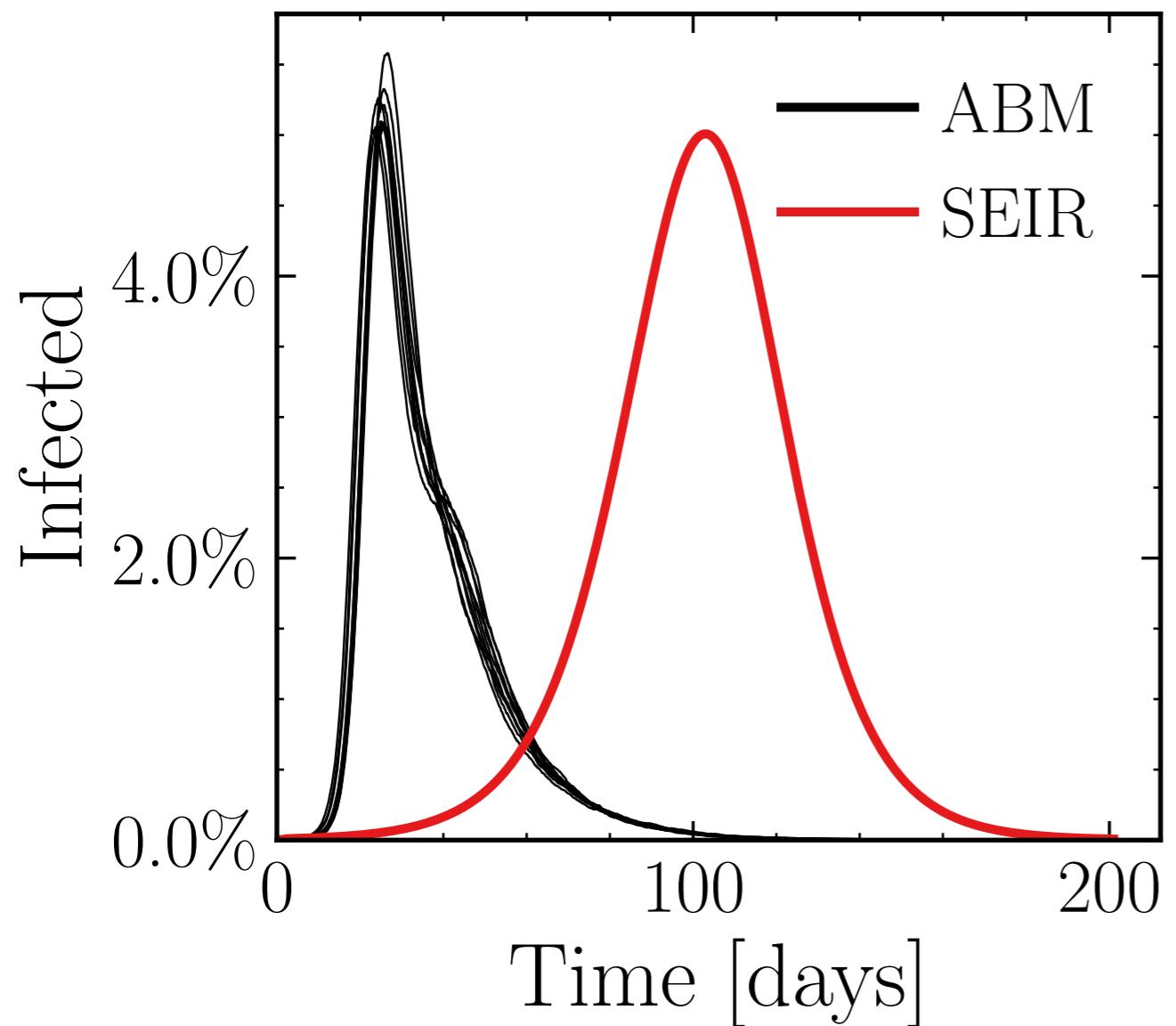
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = f819cc2b72, #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, $N_{\text{init}} = 100$

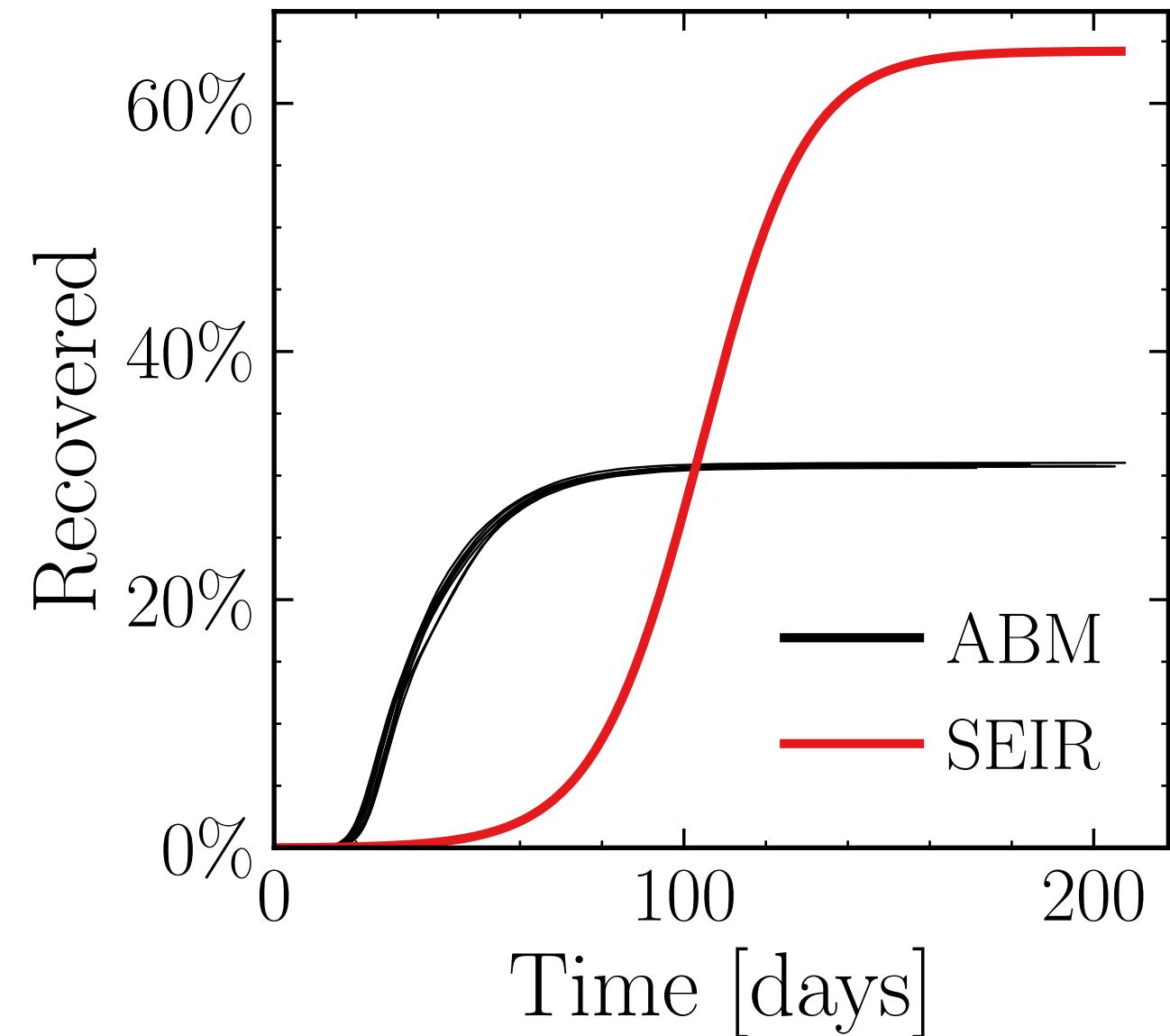
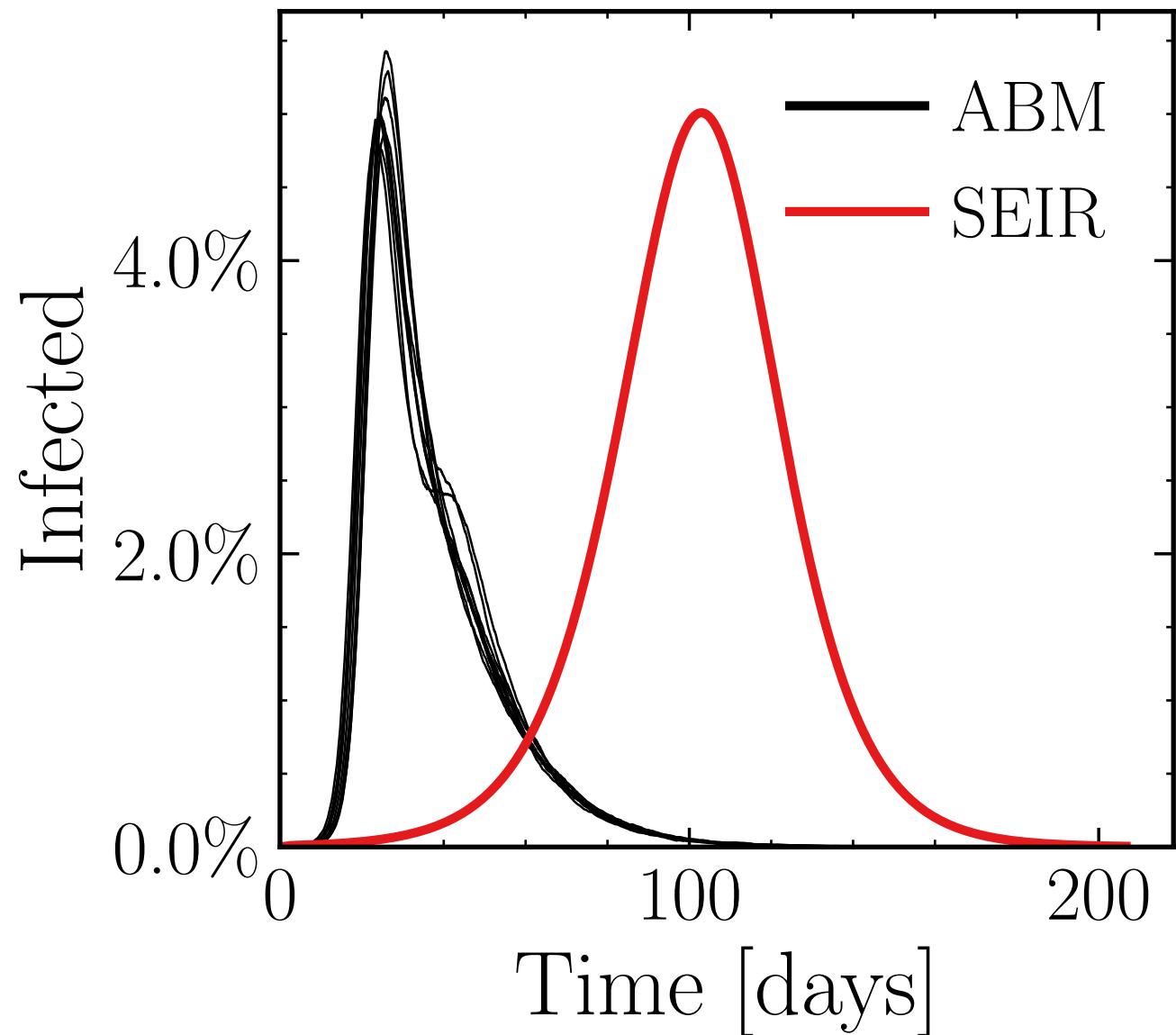
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = ea644e36ba, #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, $N_{\text{init}} = 100$

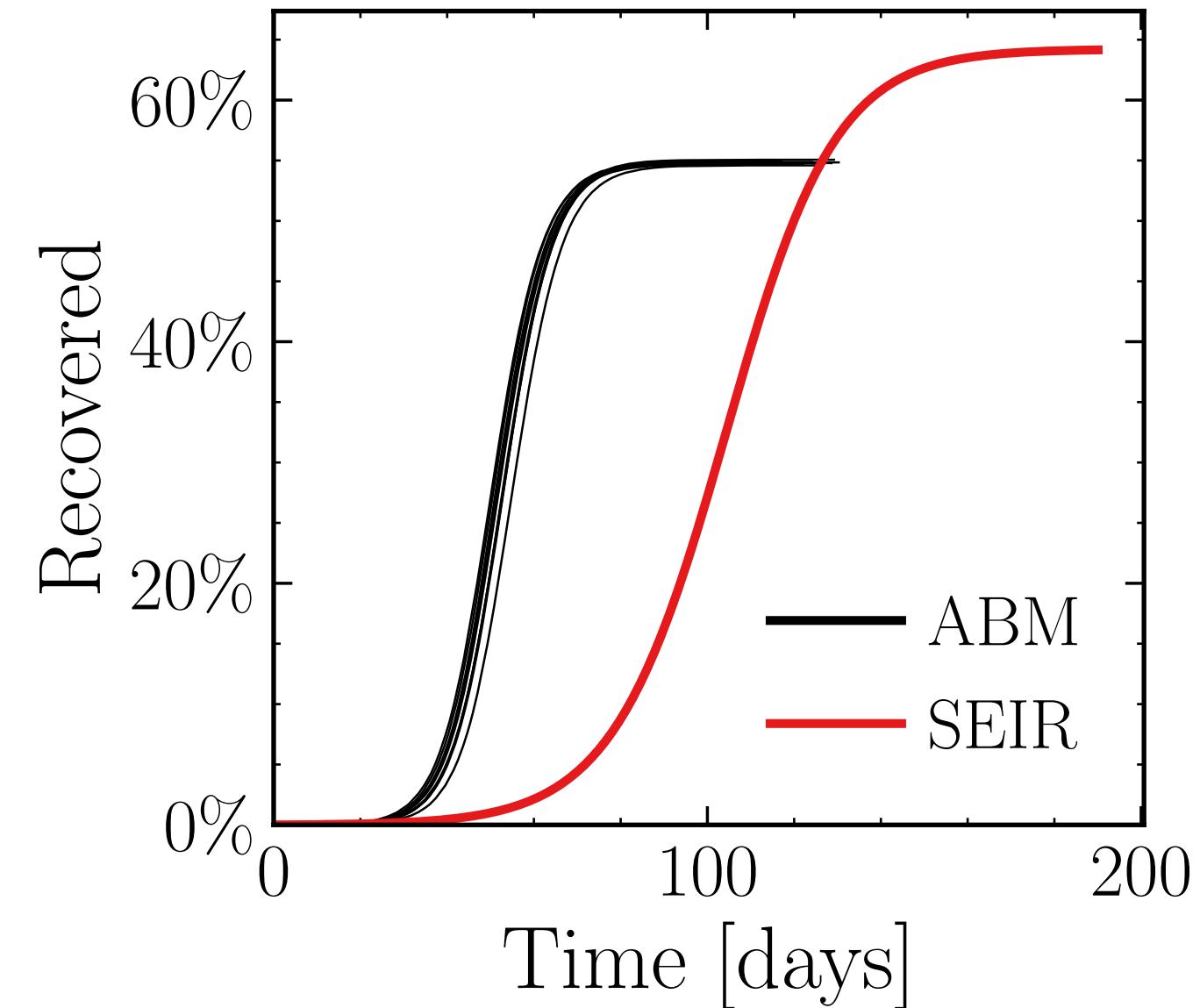
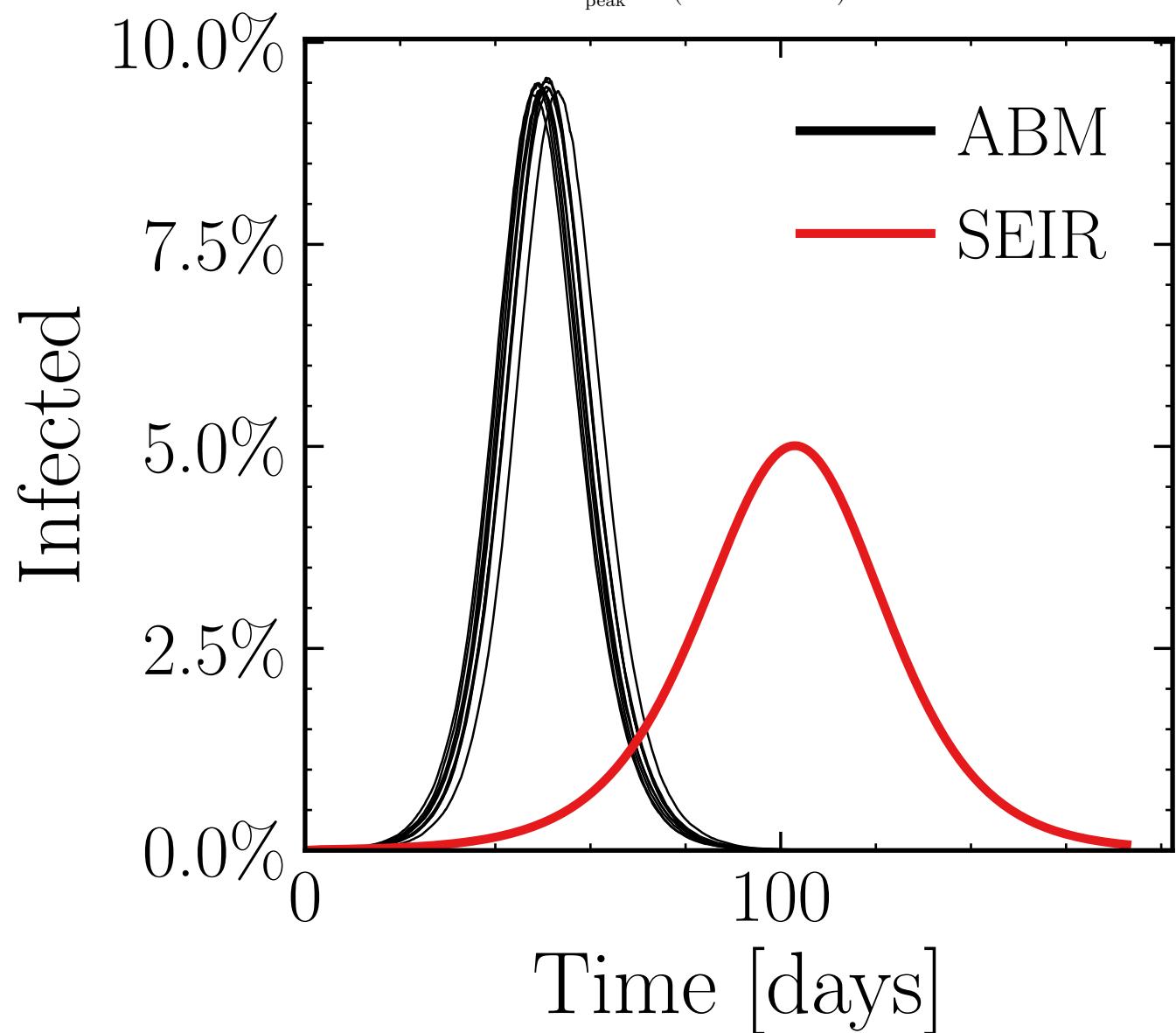
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

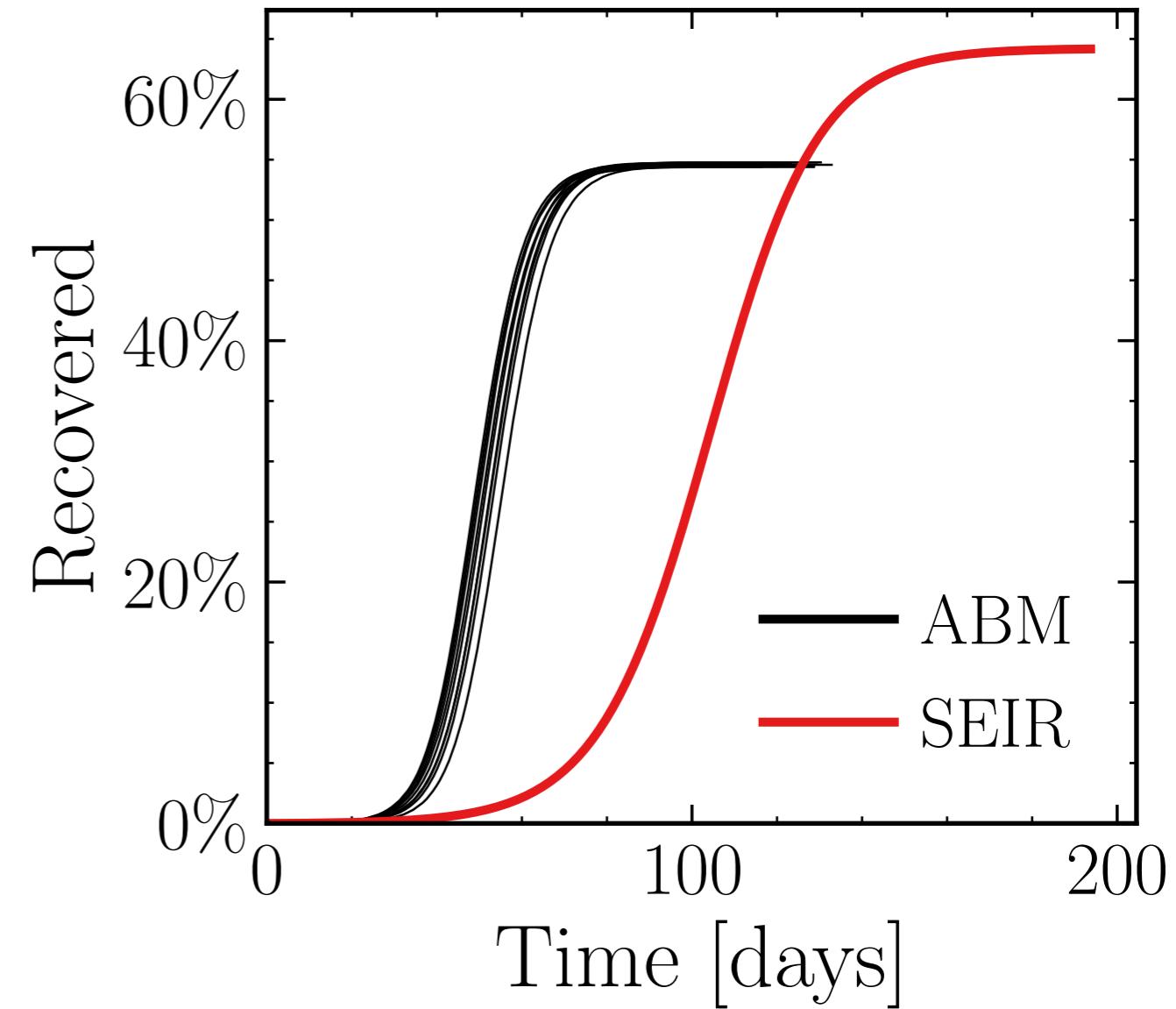
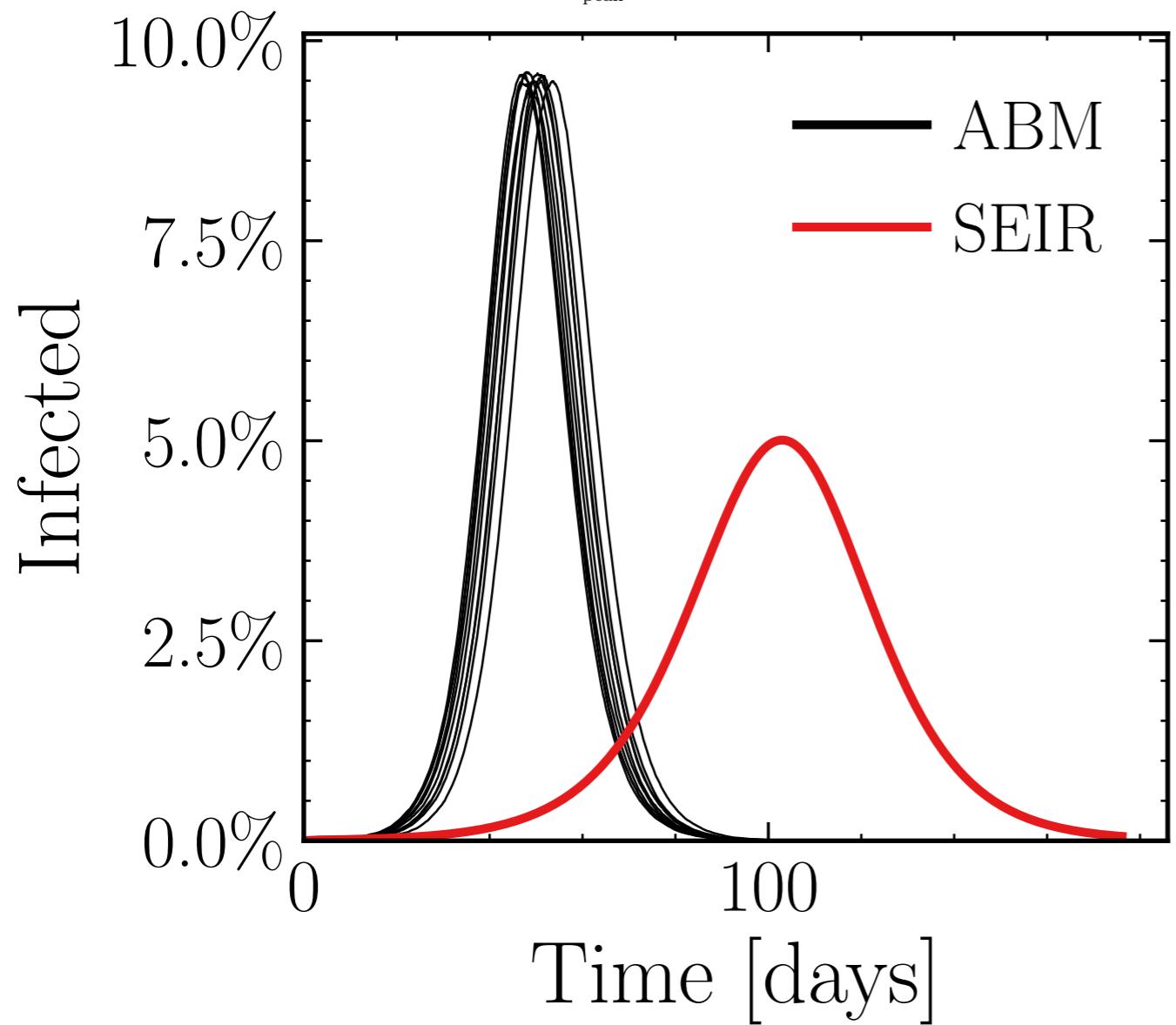
$I_{\text{peak}}^{\text{ABM}} = (54.8 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 874294ace1, #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, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (55.2 \pm 0.24\%) \cdot 10^3$ v. = 1.0, hash = 603f9c069b, #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, $N_{\text{init}} = 100$

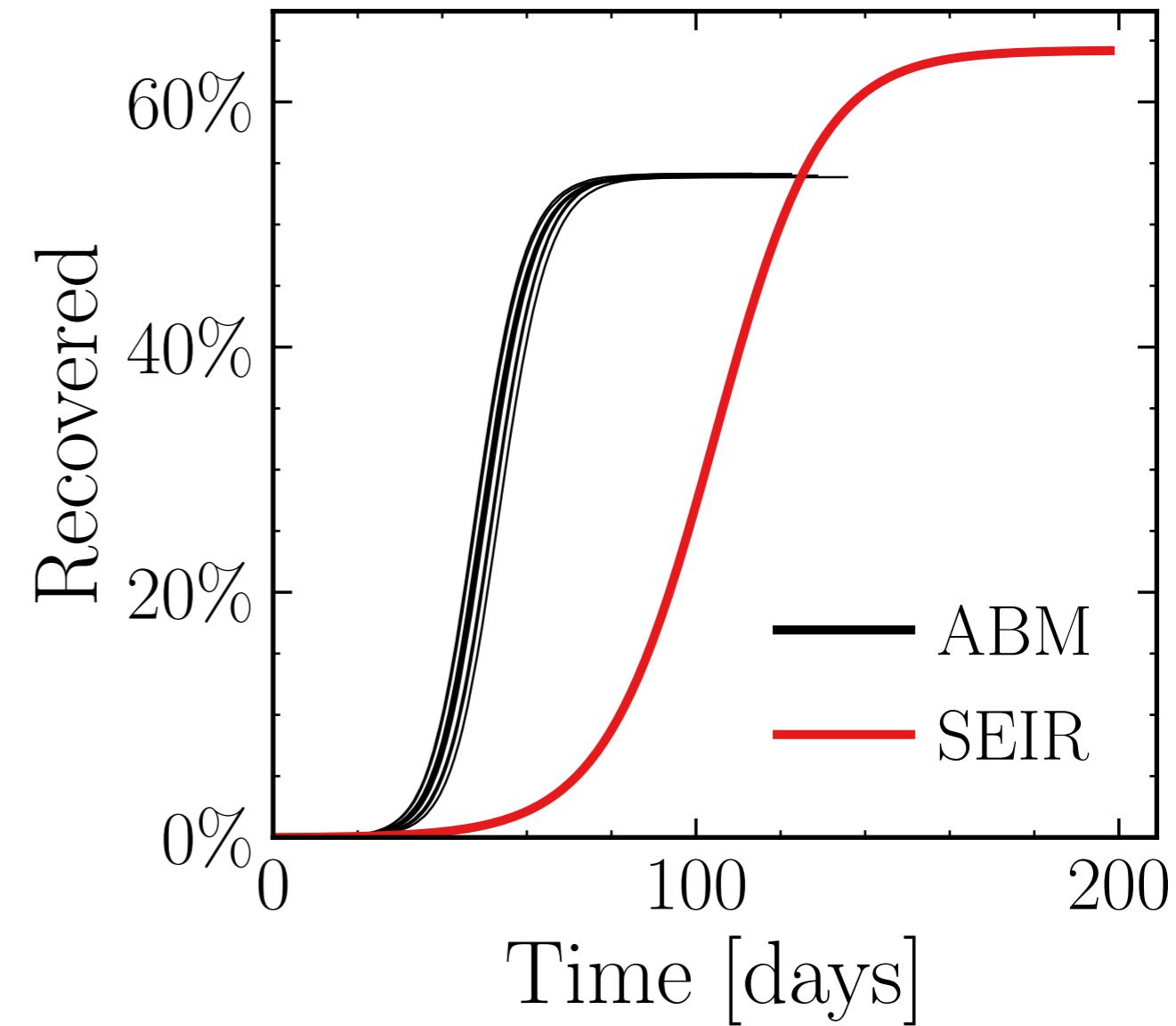
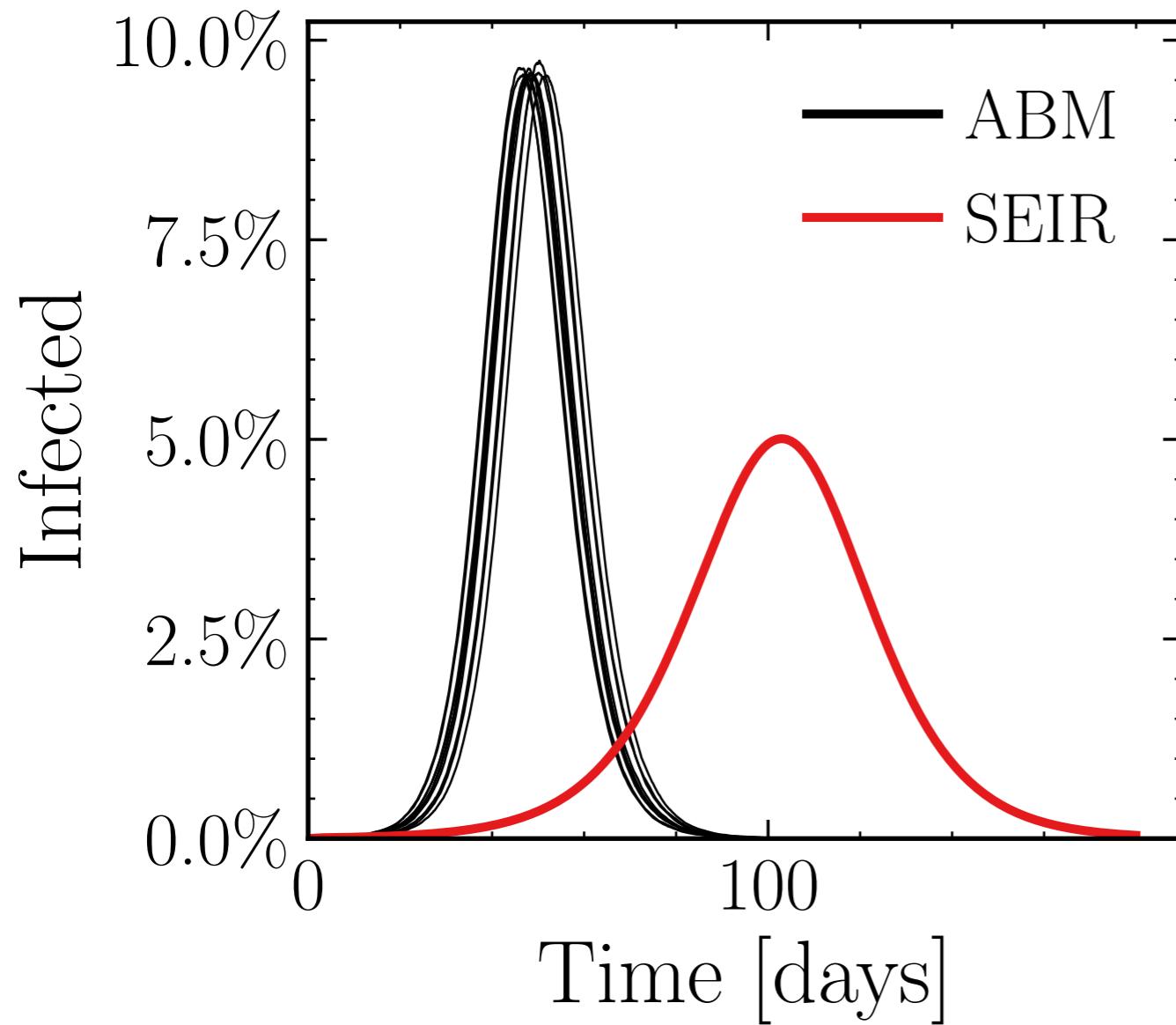
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

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

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

v. = 1.0, hash = 6fdcb940cc, #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, $N_{\text{init}} = 100$

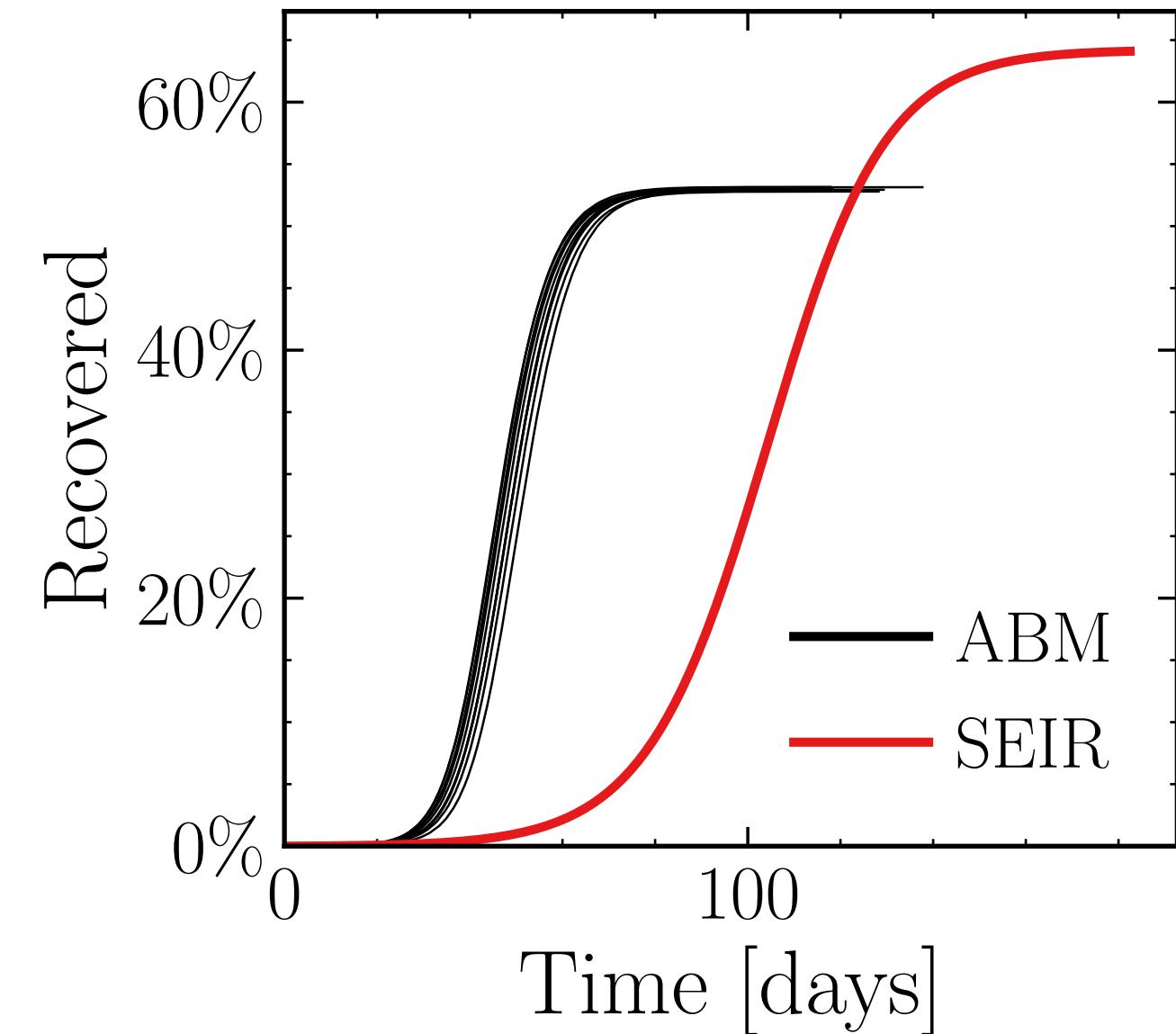
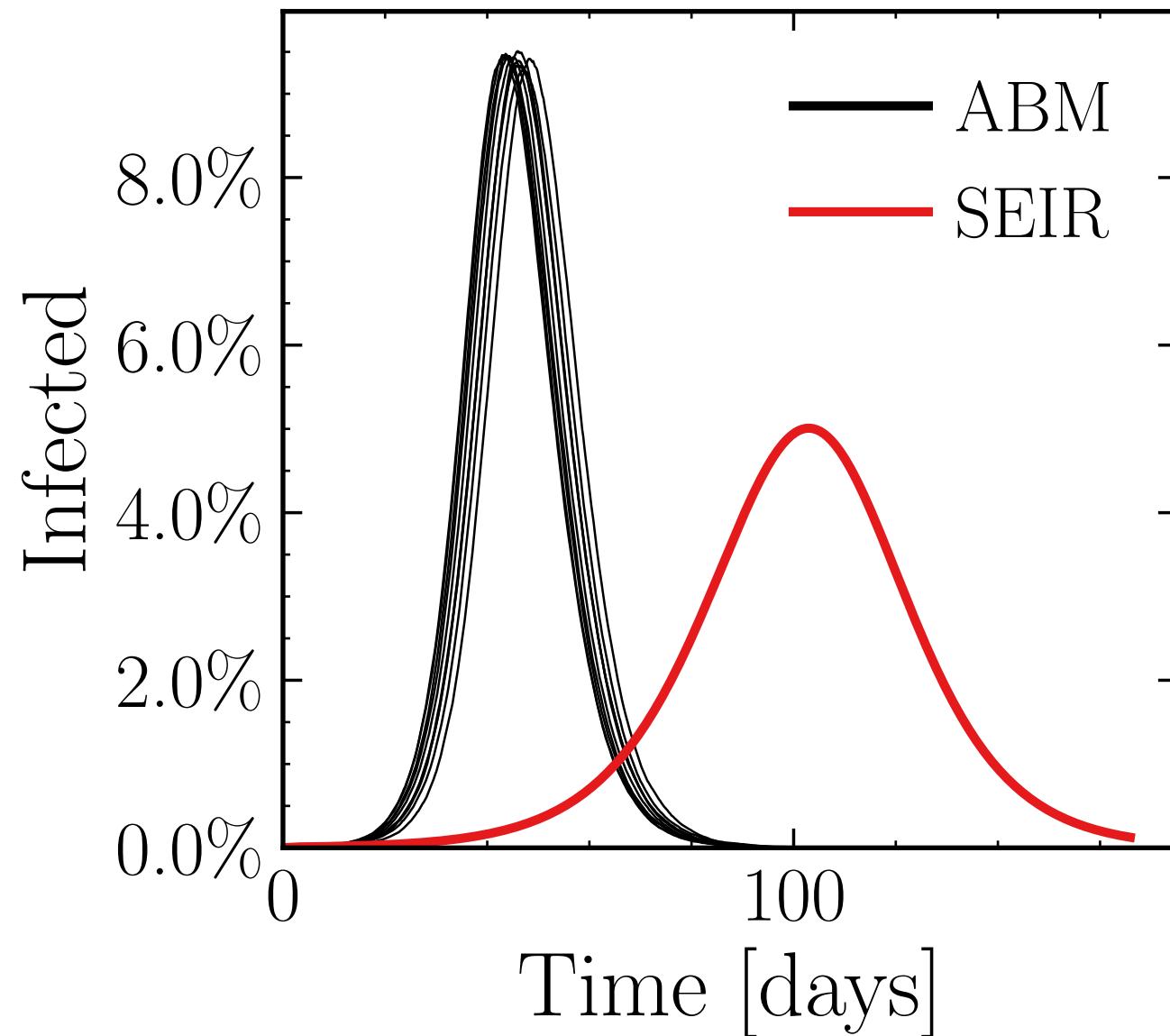
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

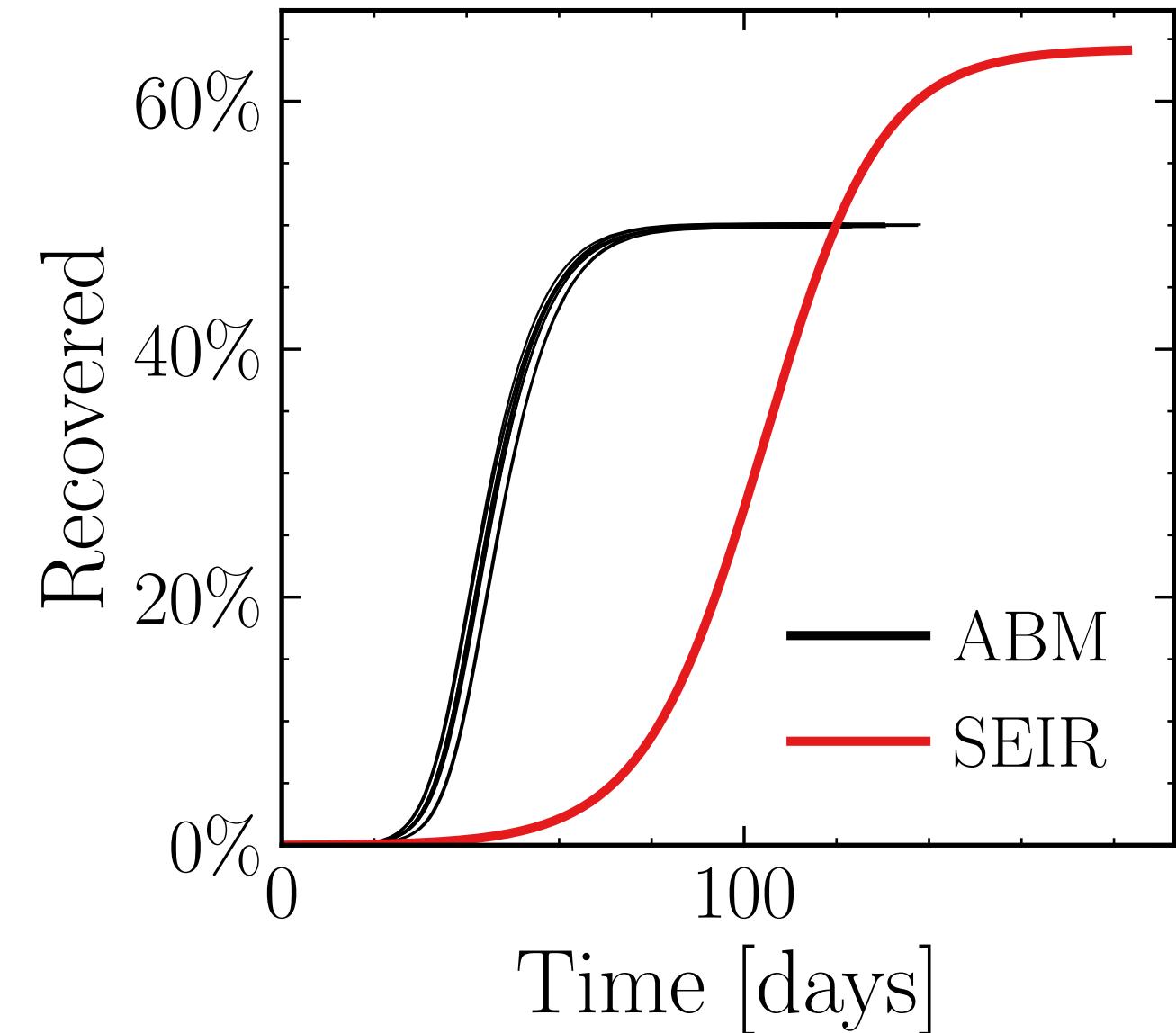
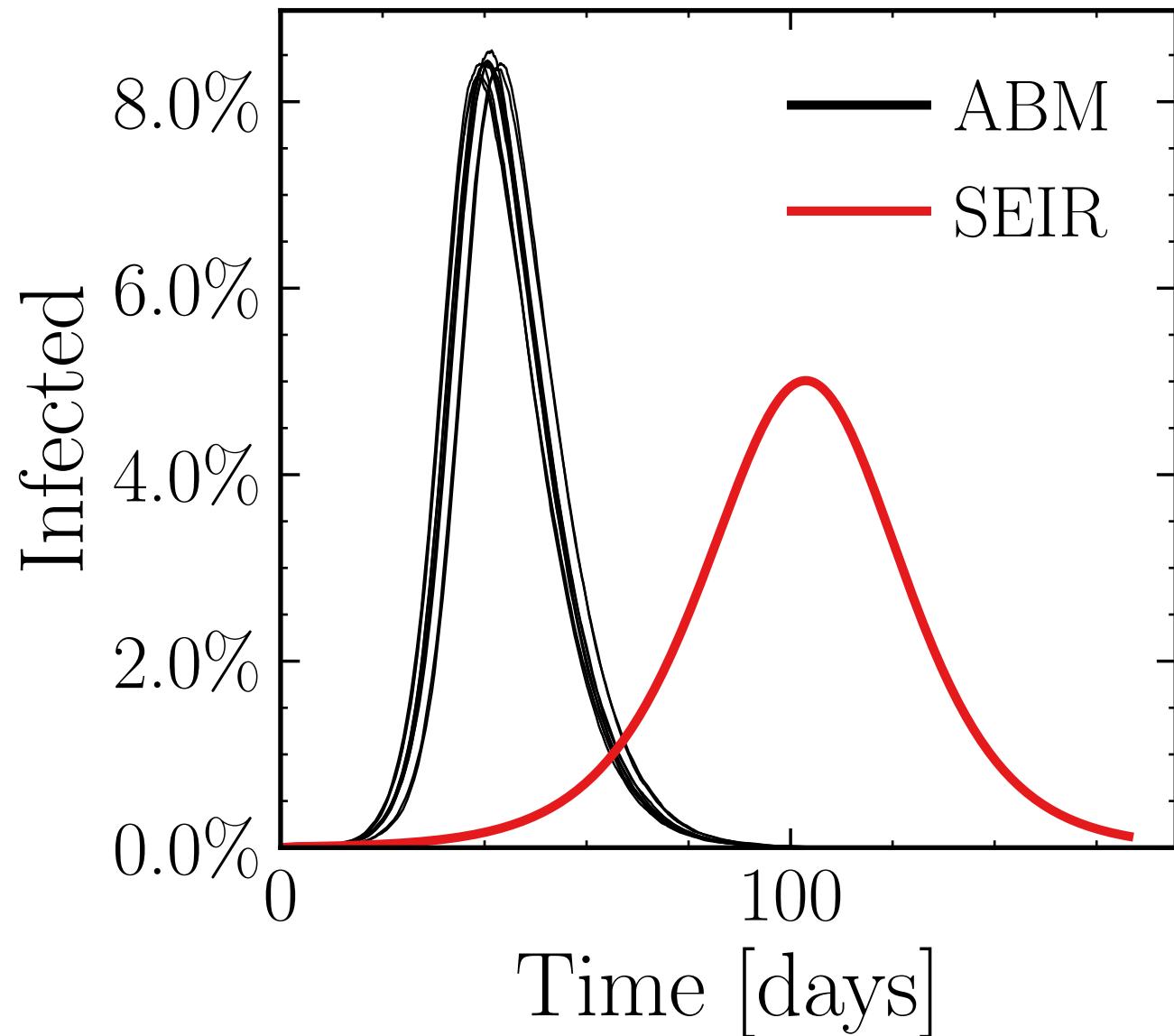
$I_{\text{peak}}^{\text{ABM}} = (54.7 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 8107848616, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (48.7 \pm 0.3\%) \cdot 10^3$ v. = 1.0, hash = 69c5826765, #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, $N_{\text{init}} = 100$

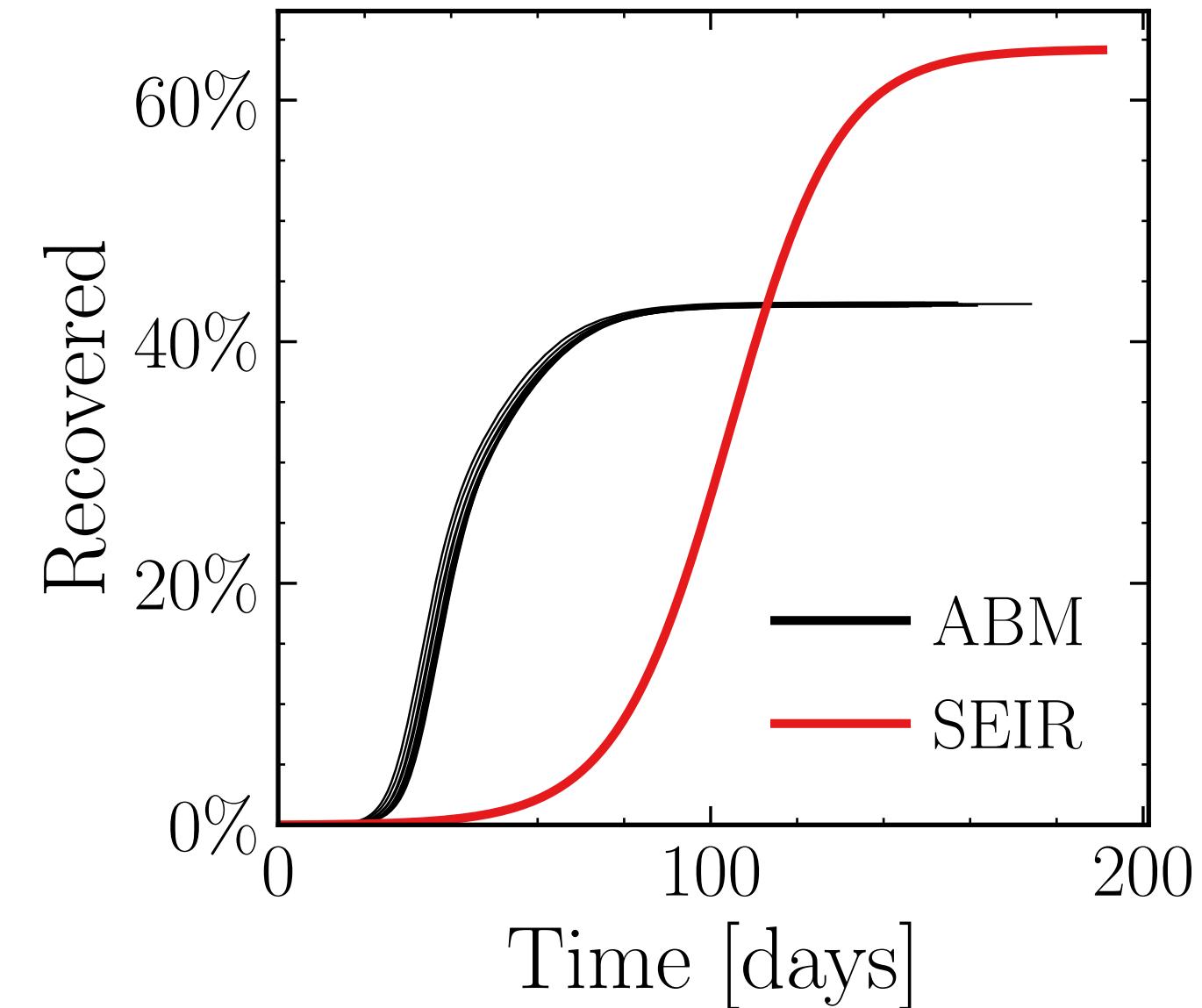
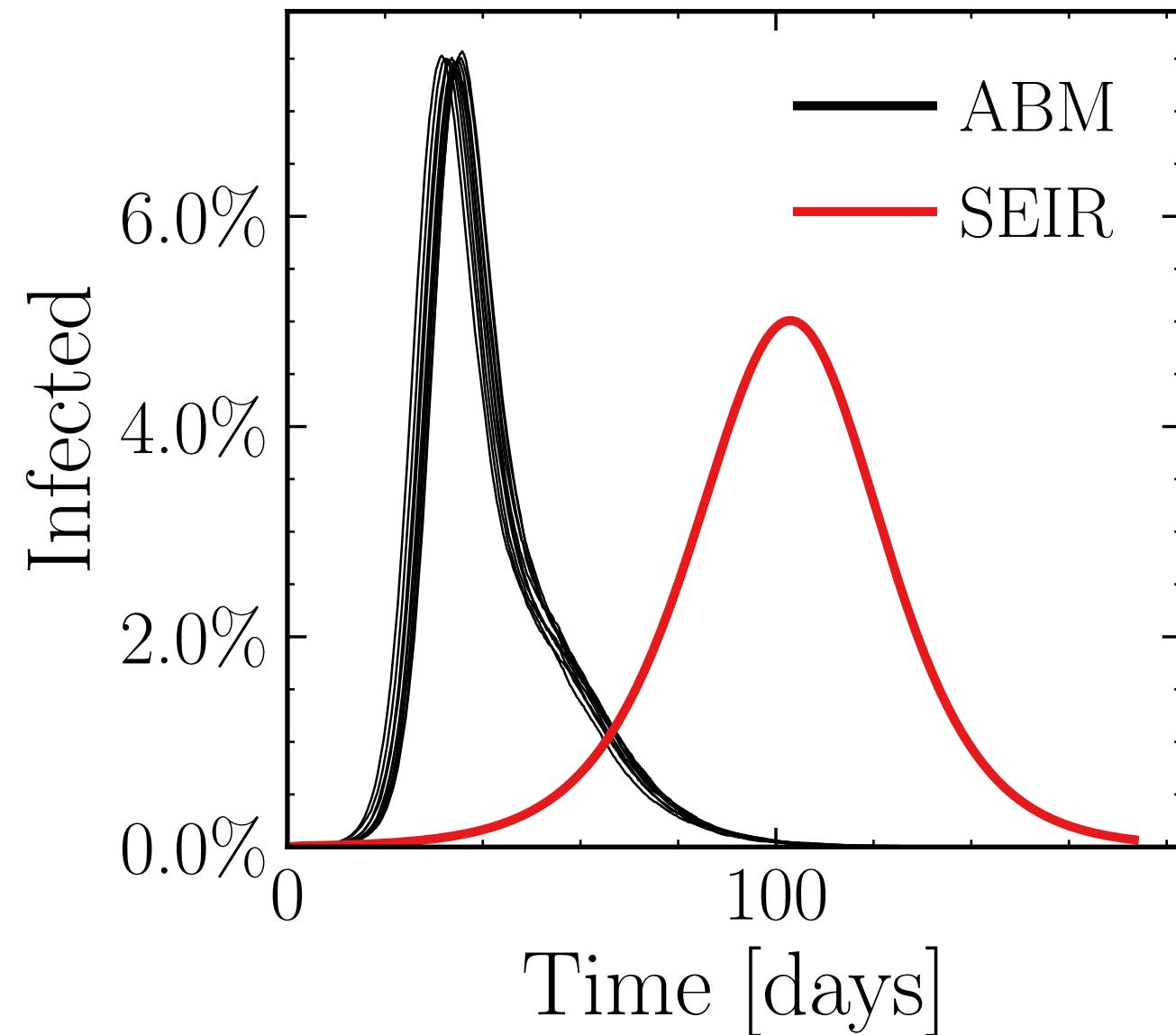
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = a1df181a07, #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, $N_{\text{init}} = 100$

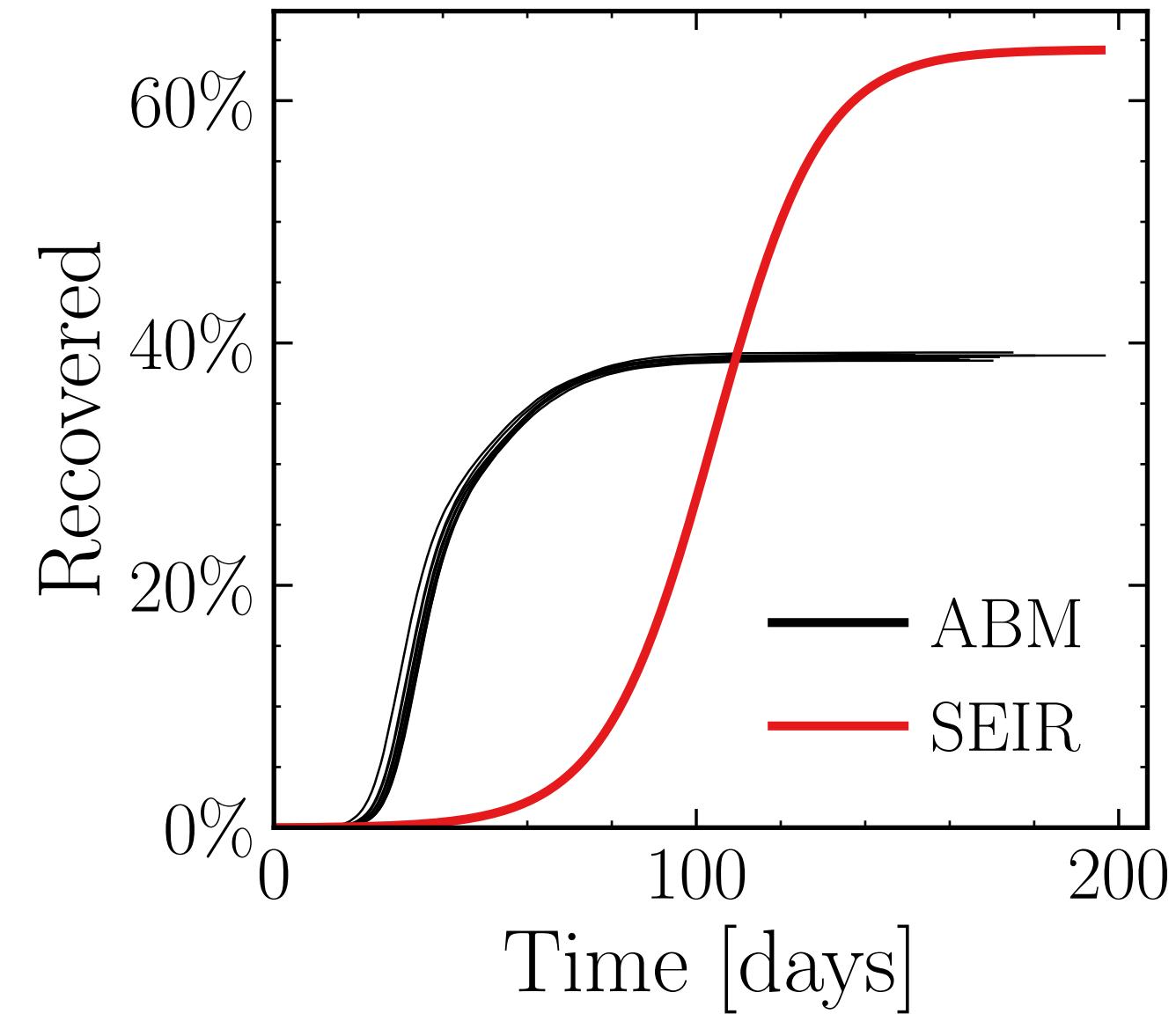
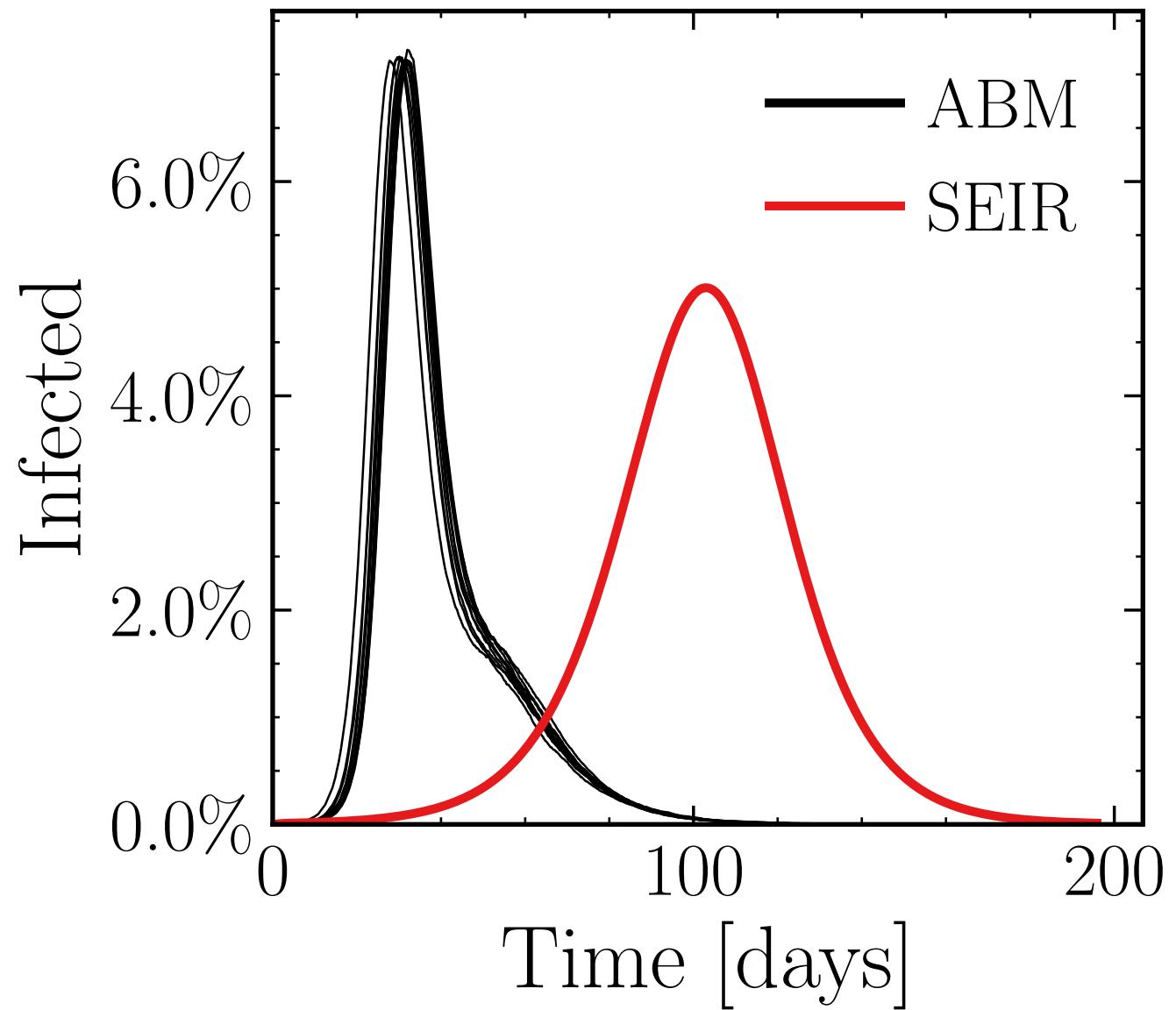
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

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

v. = 1.0, hash = 0960c8c2ed, #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, $N_{\text{init}} = 100$

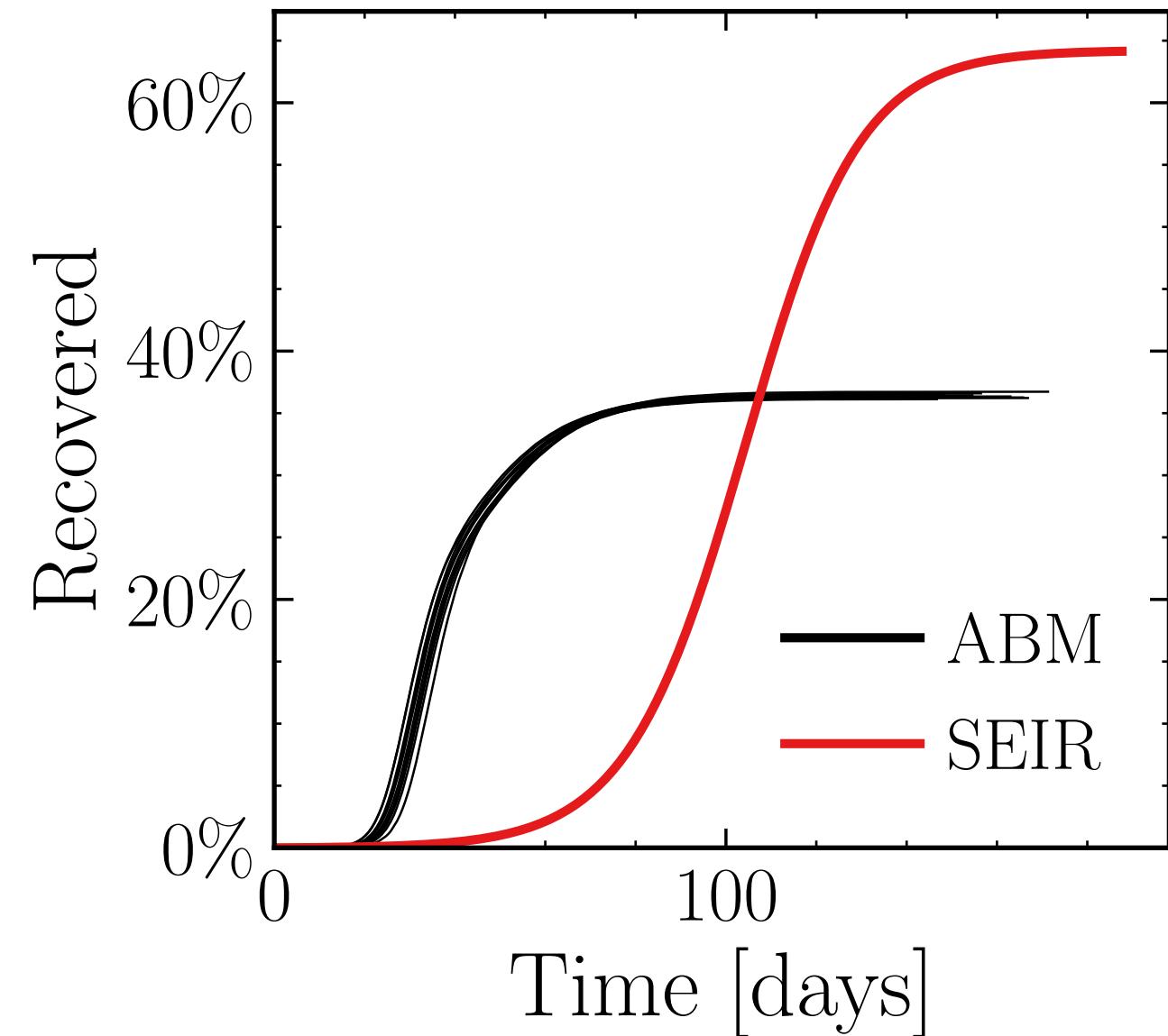
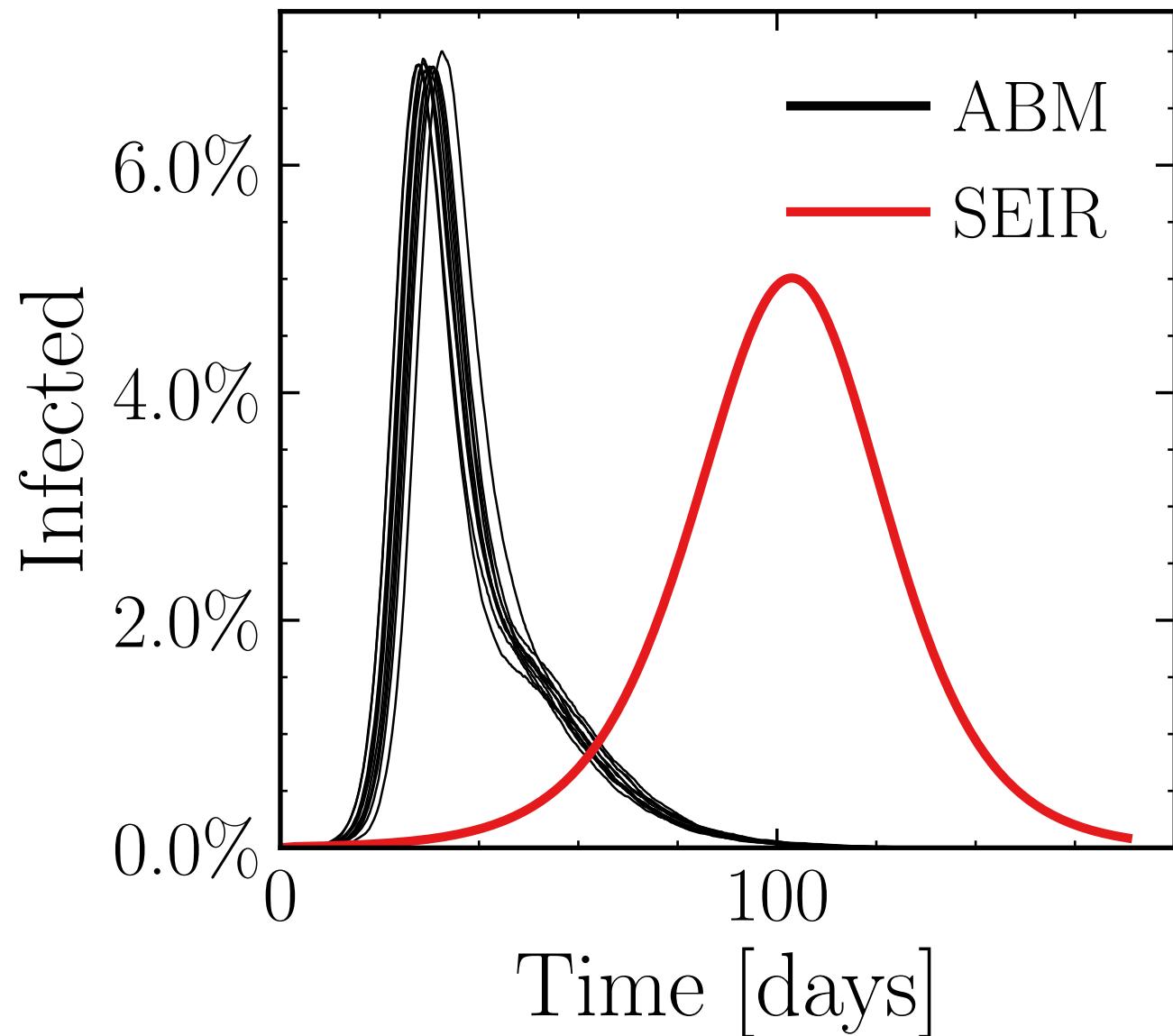
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

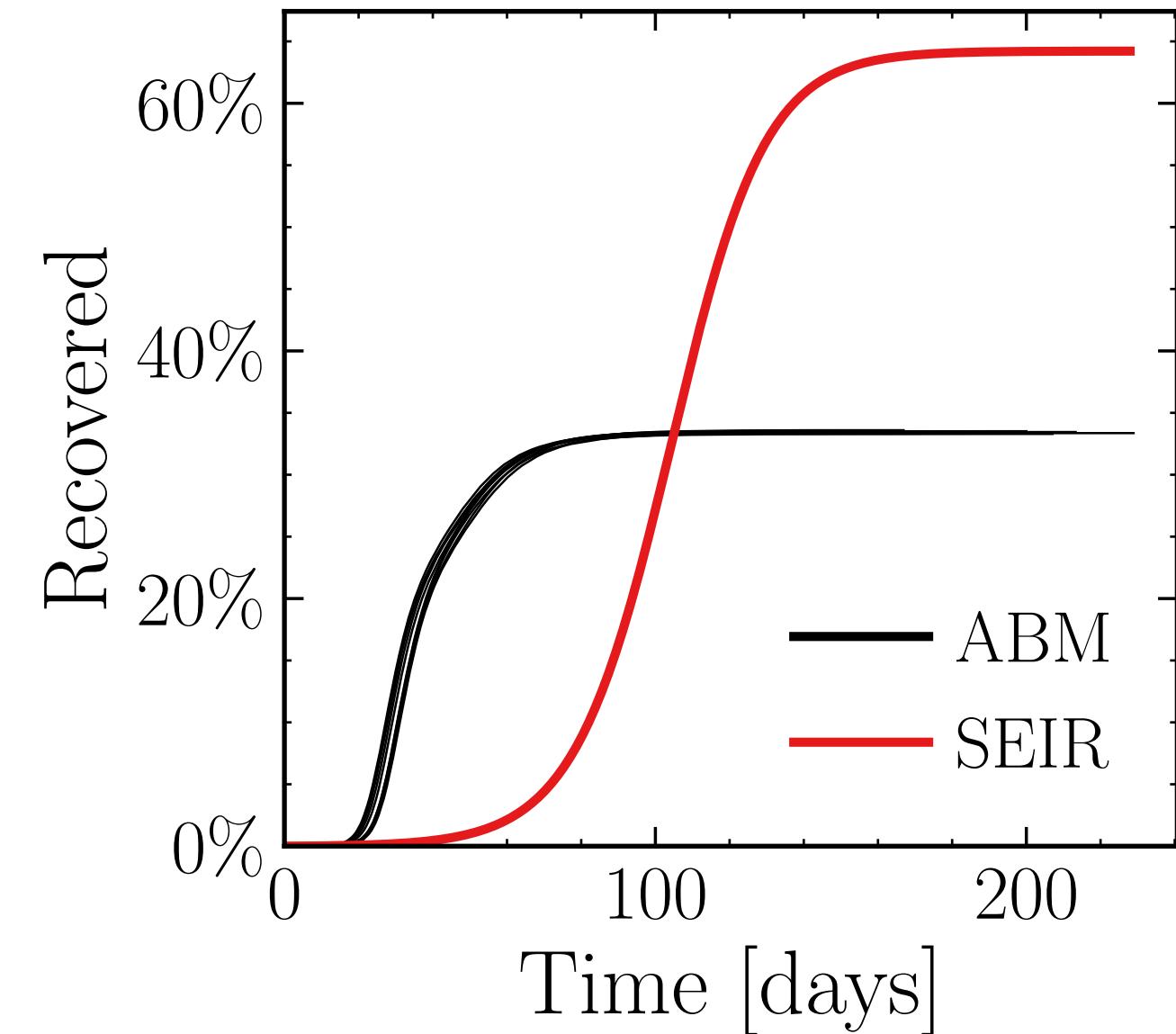
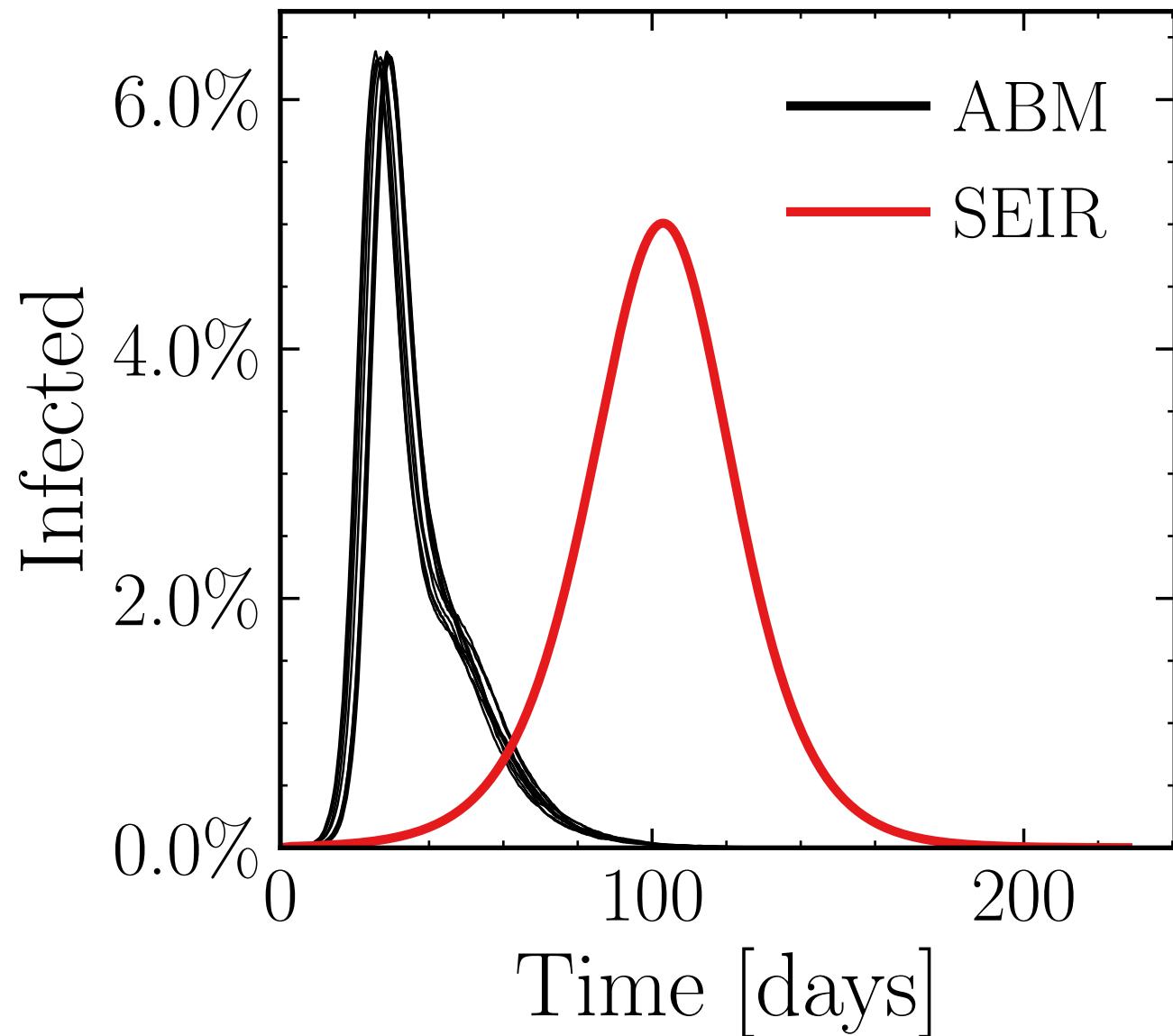
$I_{\text{peak}}^{\text{ABM}} = (39.93 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 7ec3f318ee, #10

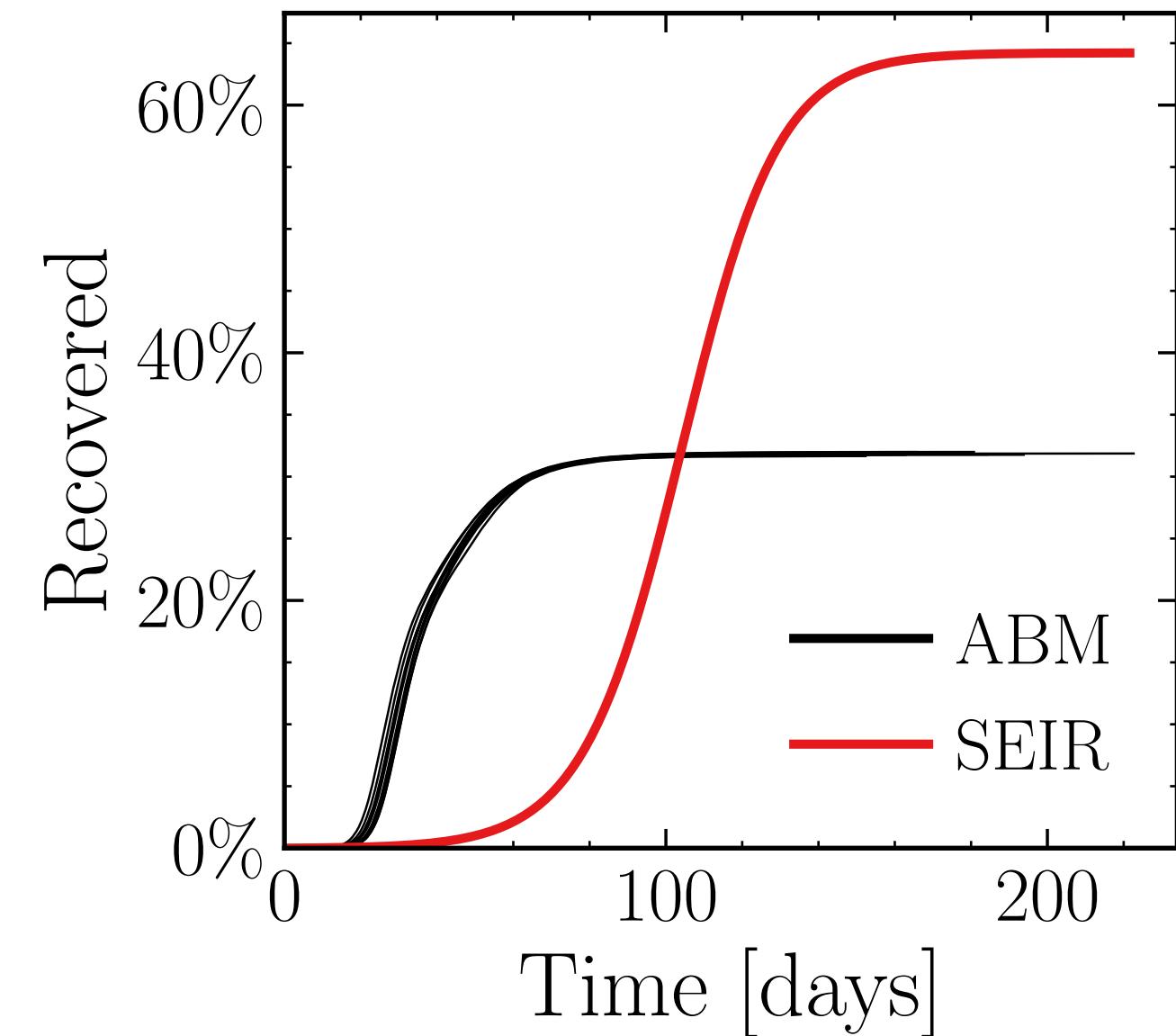
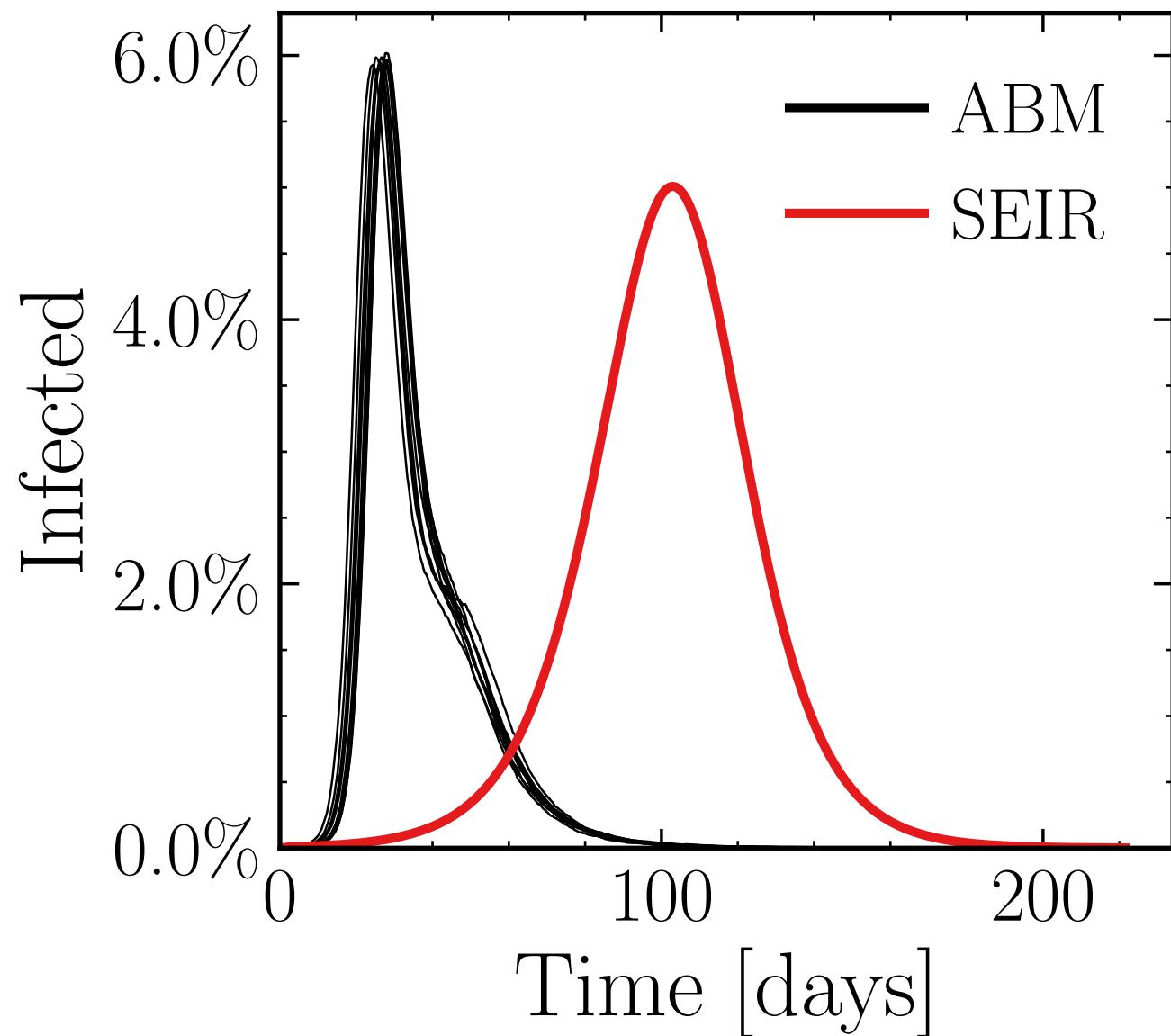
$R_\infty^{\text{ABM}} = (211.1 \pm 0.15\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (36.78 \pm 0.14\%) \cdot 10^3$ v. = 1.0, hash = 0a70b6604e, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (34.55 \pm 0.17\%) \cdot 10^3$ v. = 1.0, hash = a04bf1cccd, #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, $N_{\text{init}} = 100$

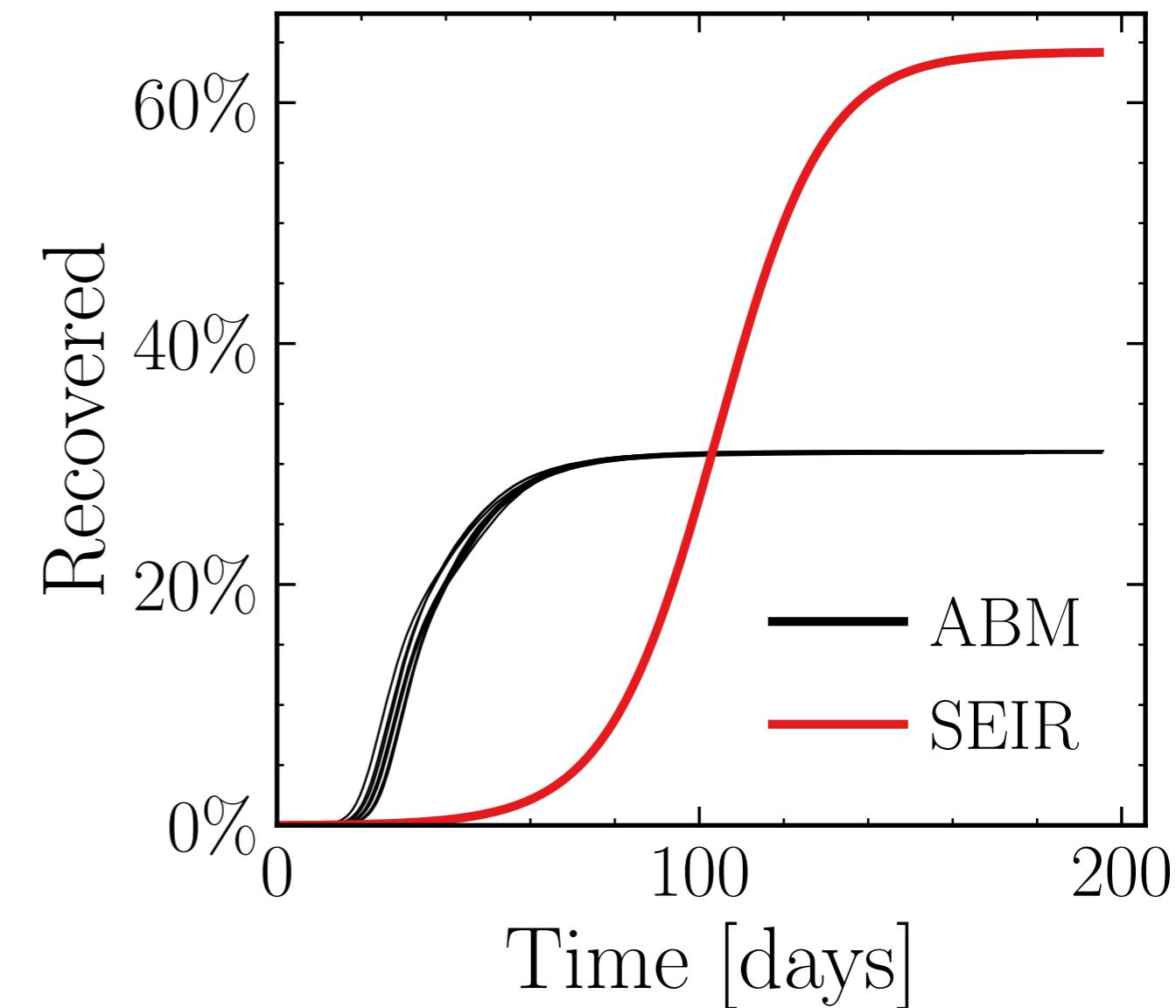
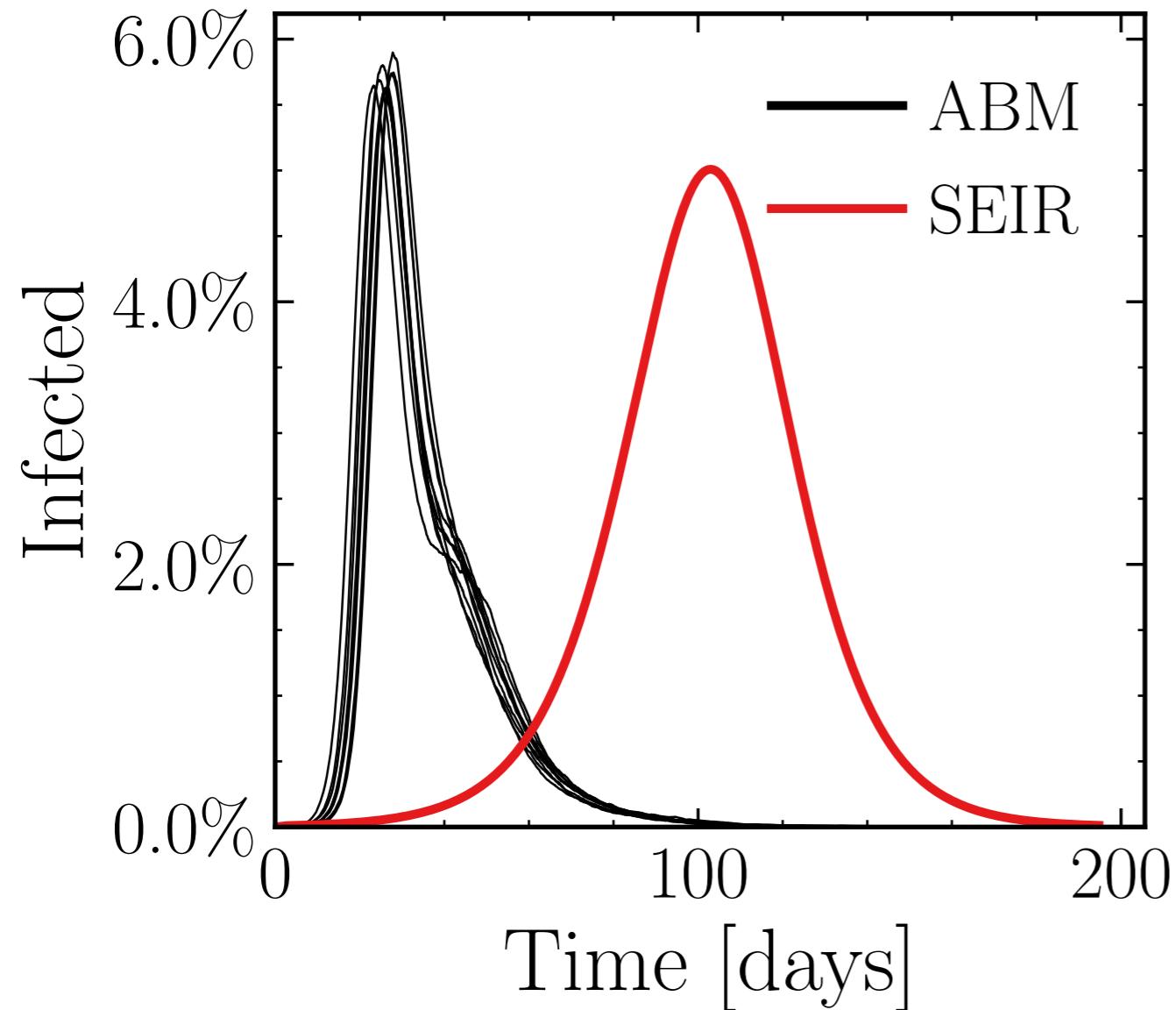
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (33 \pm 0.52\%) \cdot 10^3$

v. = 1.0, hash = 406a6e87a6, #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, $N_{\text{init}} = 100$

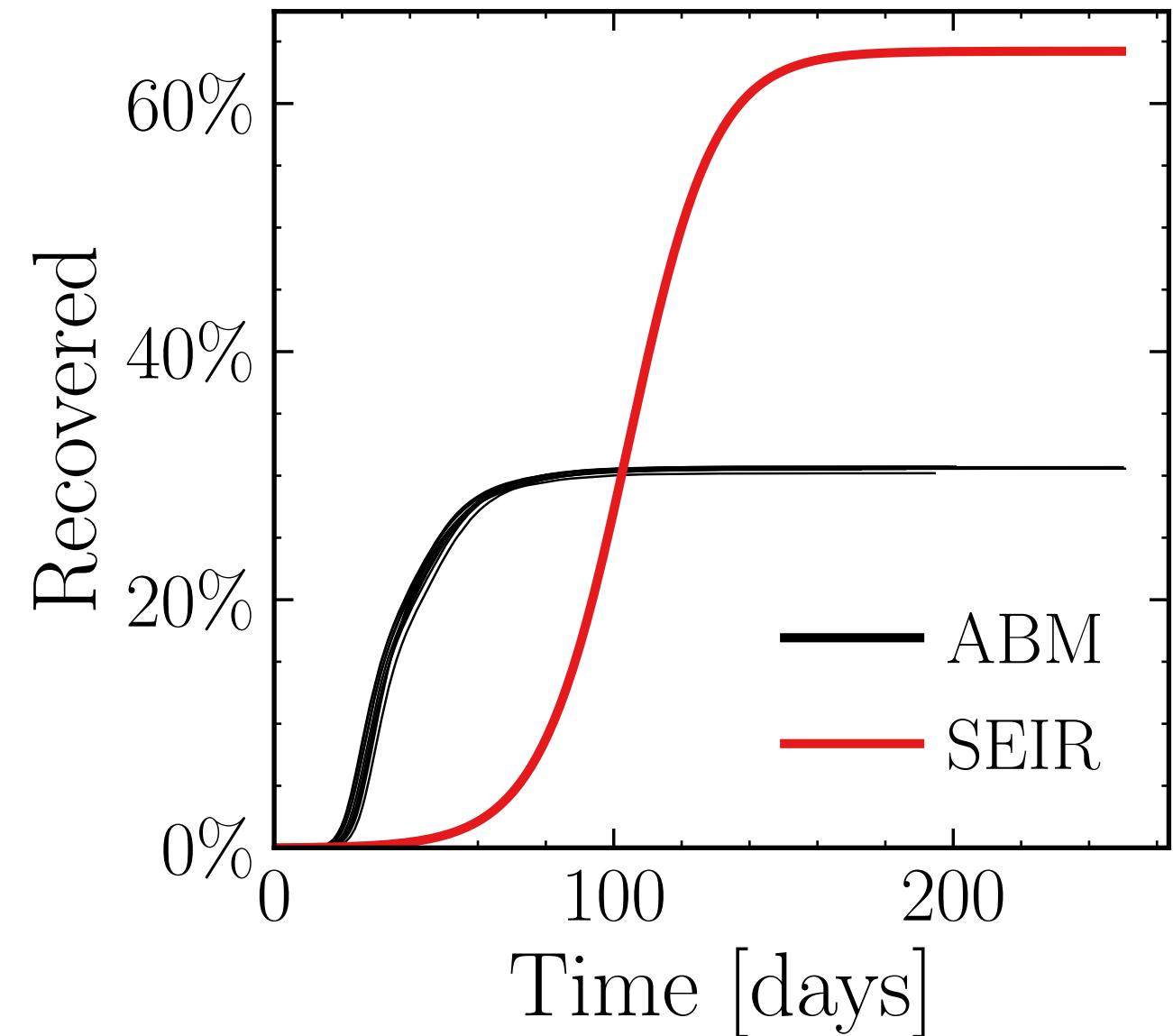
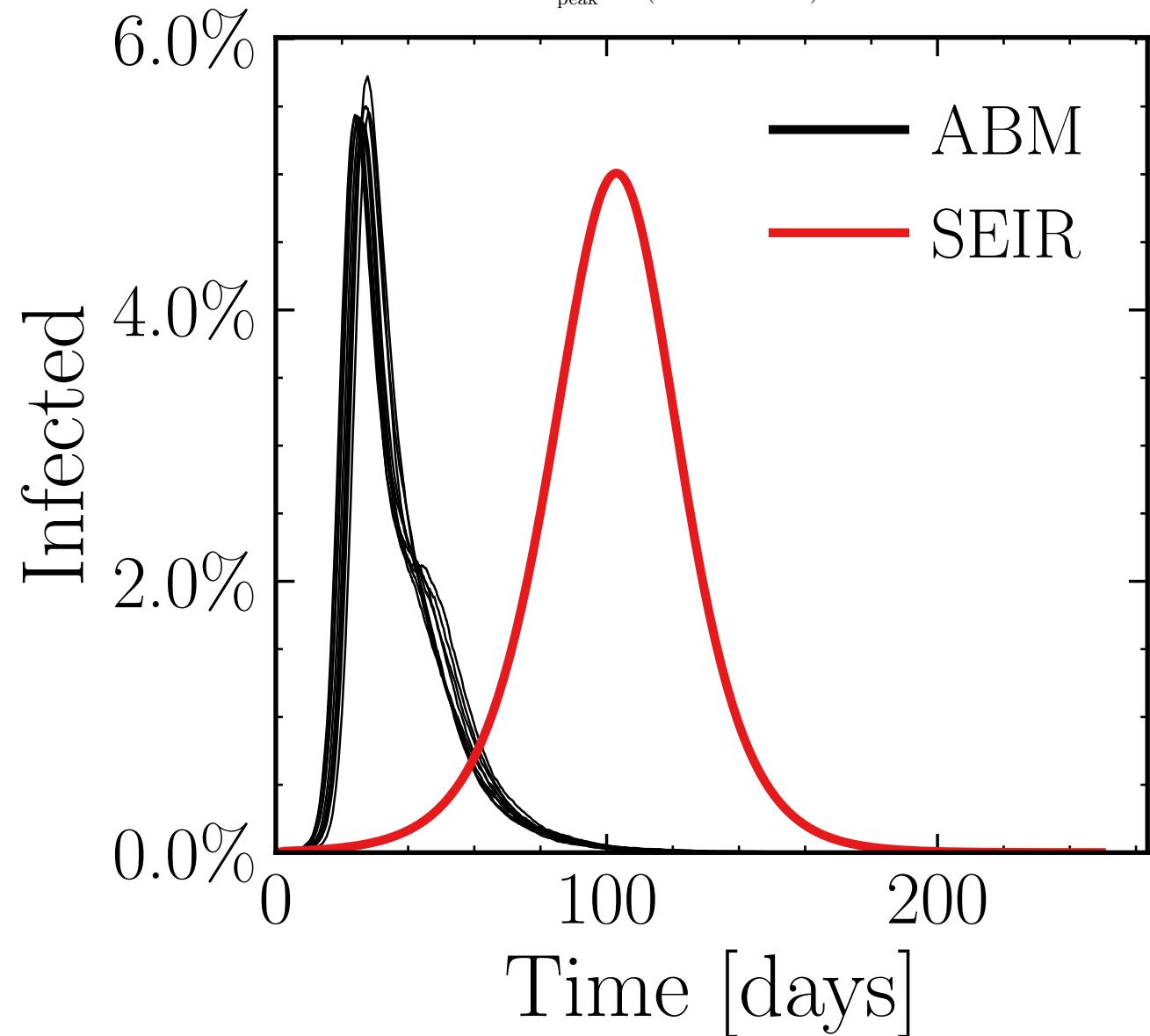
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (31.6 \pm 0.56\%) \cdot 10^3$

v. = 1.0, hash = 06a09be406, #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, $N_{\text{init}} = 100$

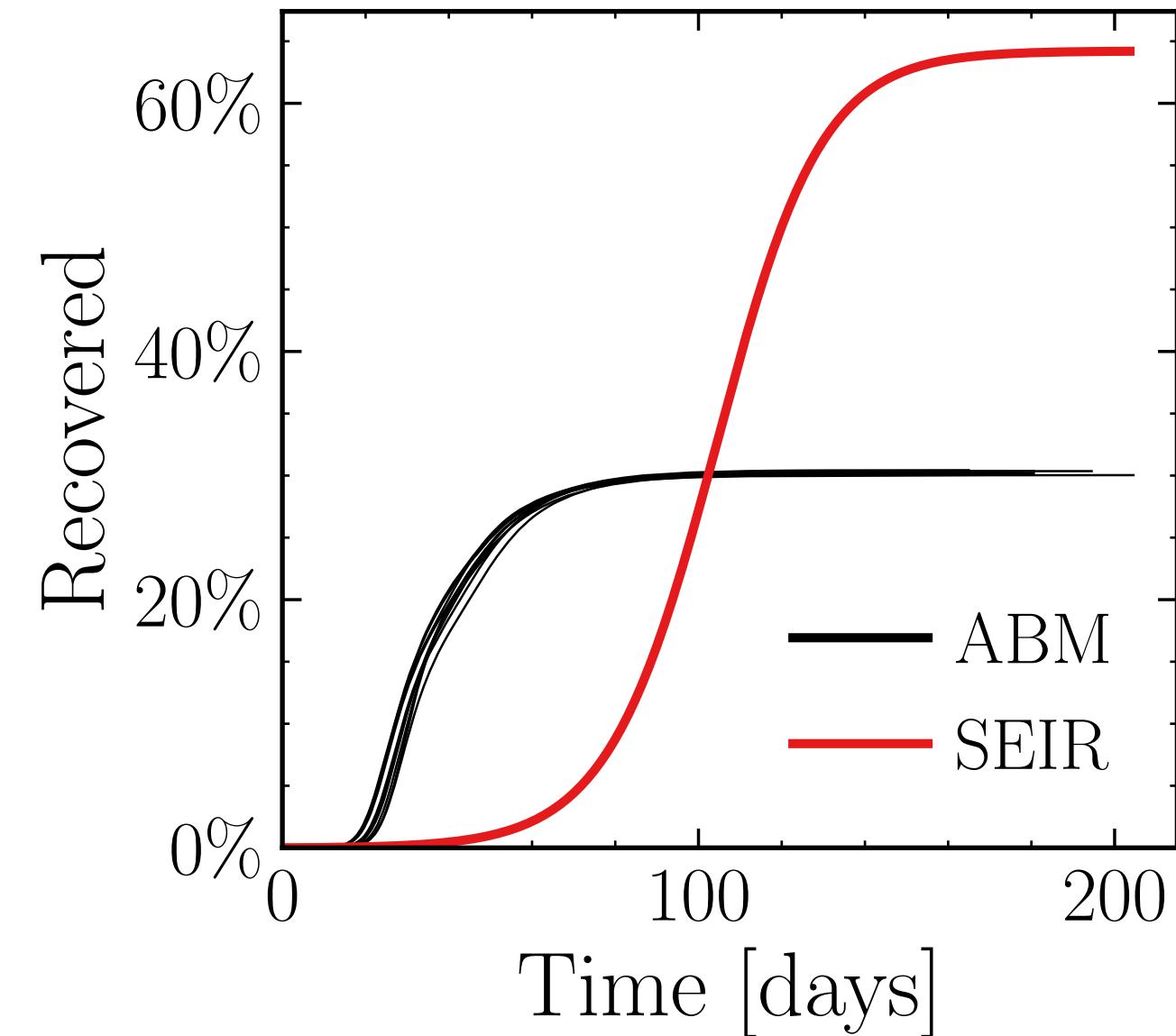
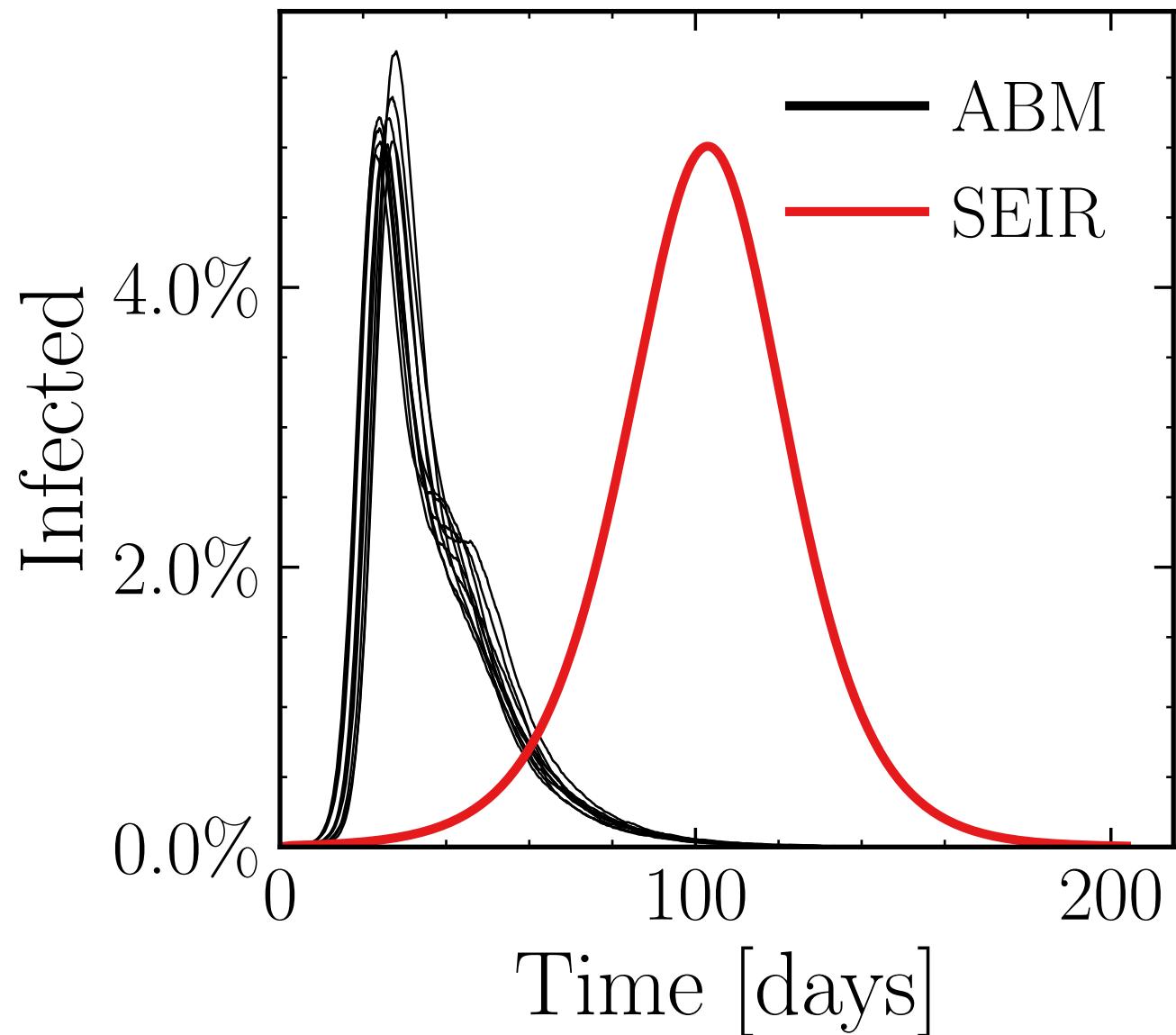
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (30 \pm 1.3\%) \cdot 10^3$

v. = 1.0, hash = b4bdeac5e7, #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, $N_{\text{init}} = 100$

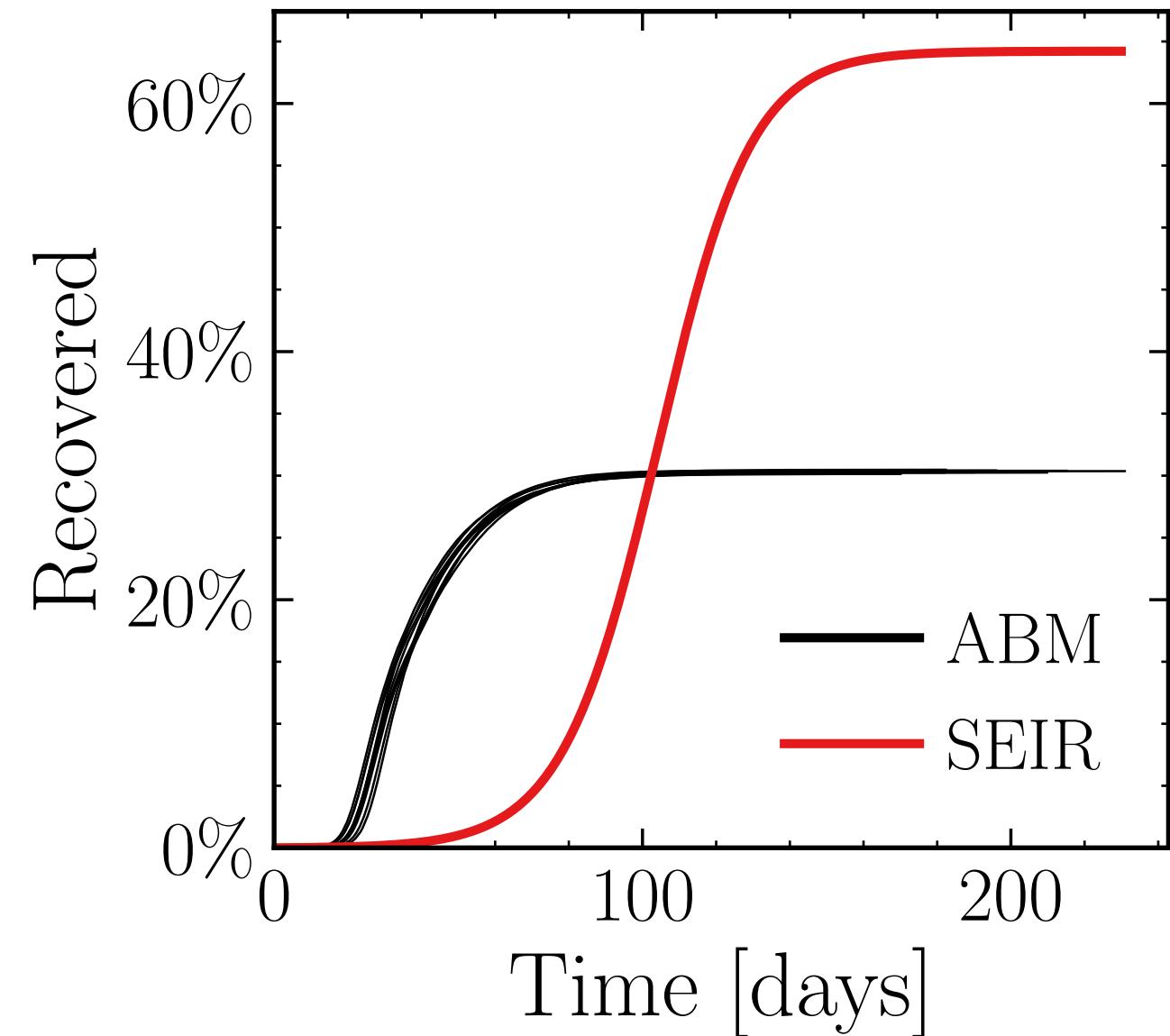
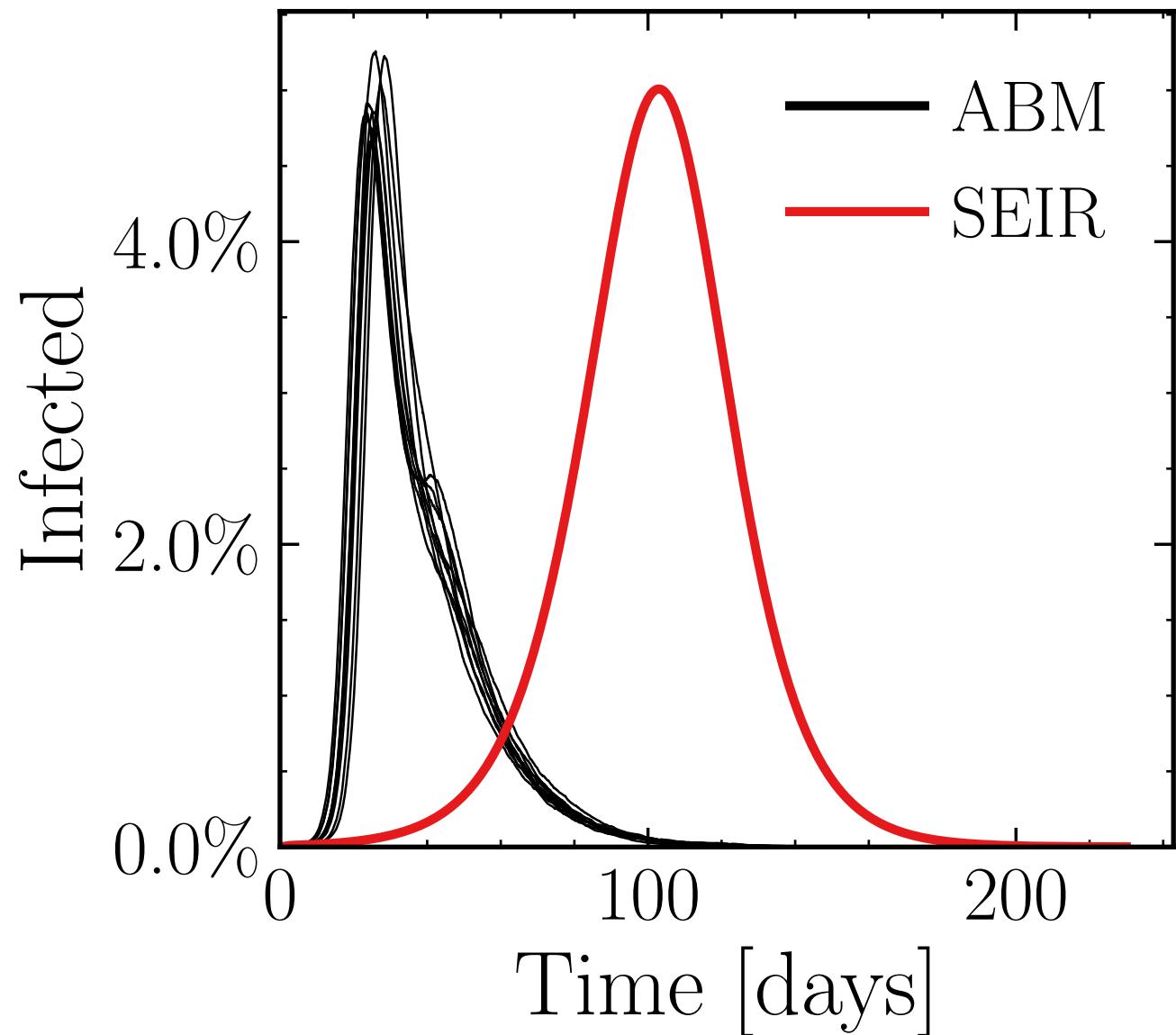
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (28.4 \pm 1.3\%) \cdot 10^3$

v. = 1.0, hash = 701c76b39c, #10

$R_\infty^{\text{ABM}} = (175.7 \pm 0.11\%) \cdot 10^3$



$N_{\text{tot}} = 5.8M$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

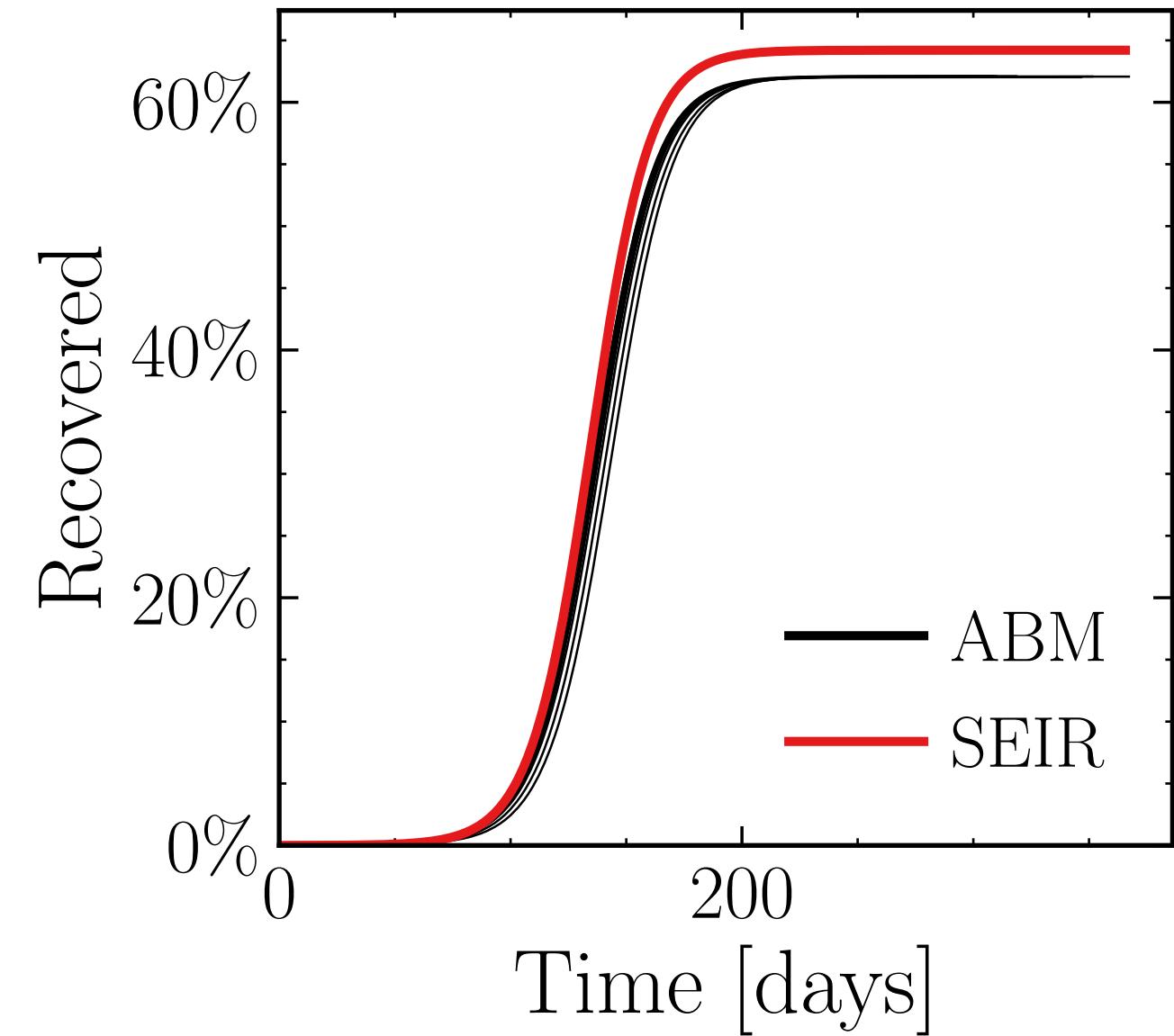
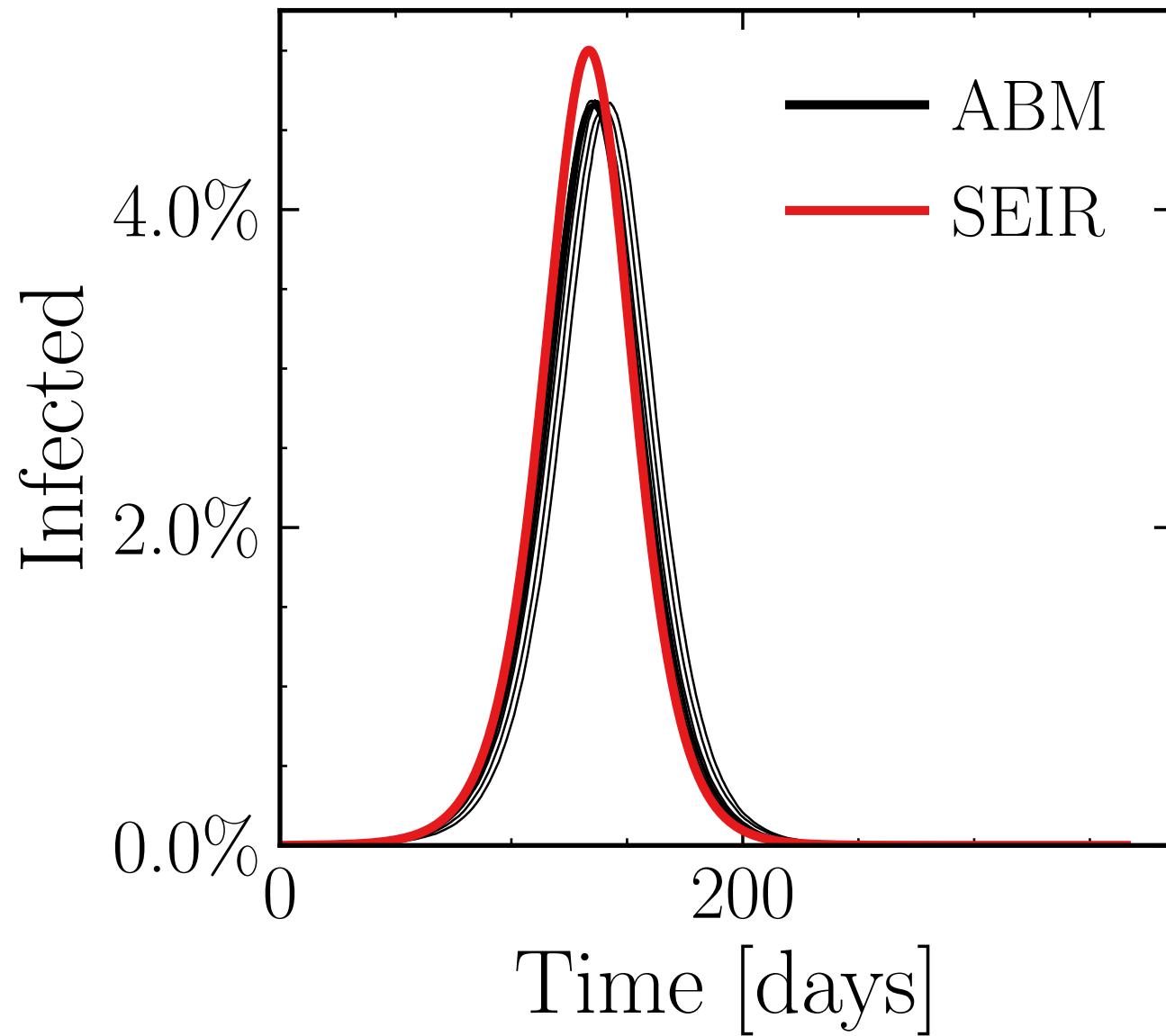
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

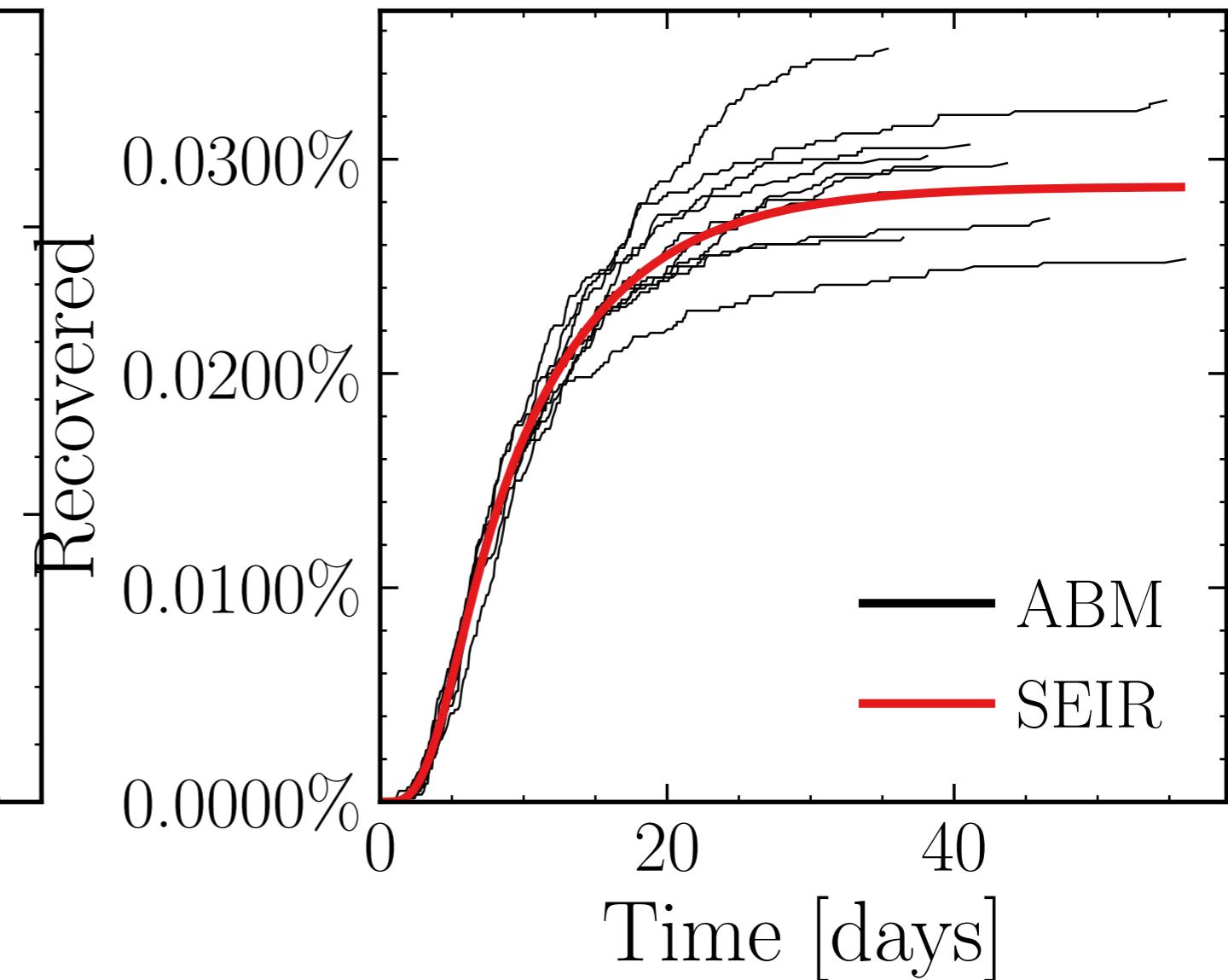
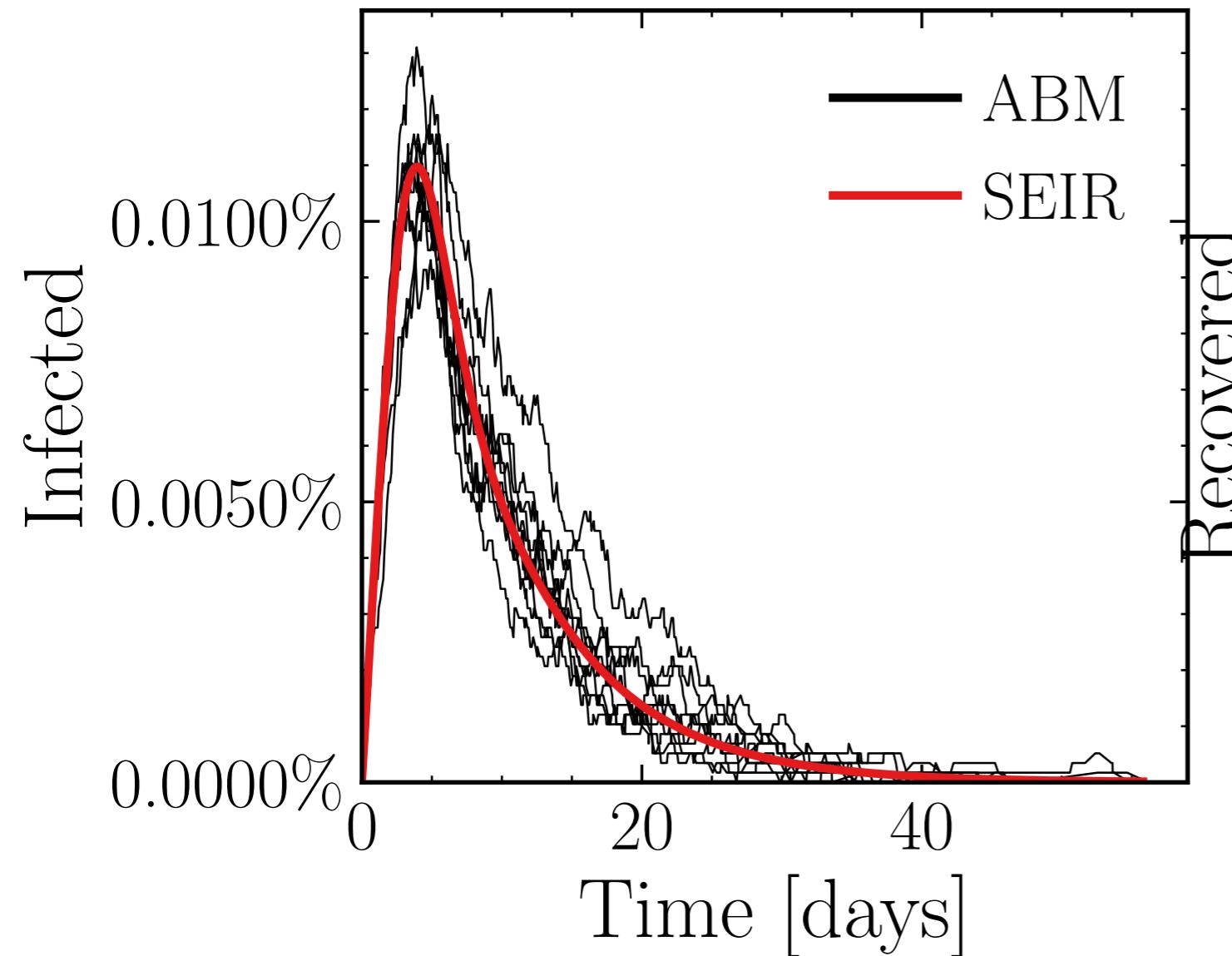
$I_{\text{peak}}^{\text{ABM}} = (270.7 \pm 0.082\%) \cdot 10^3$

v. = 1.0, hash = e24e6303fc, #10

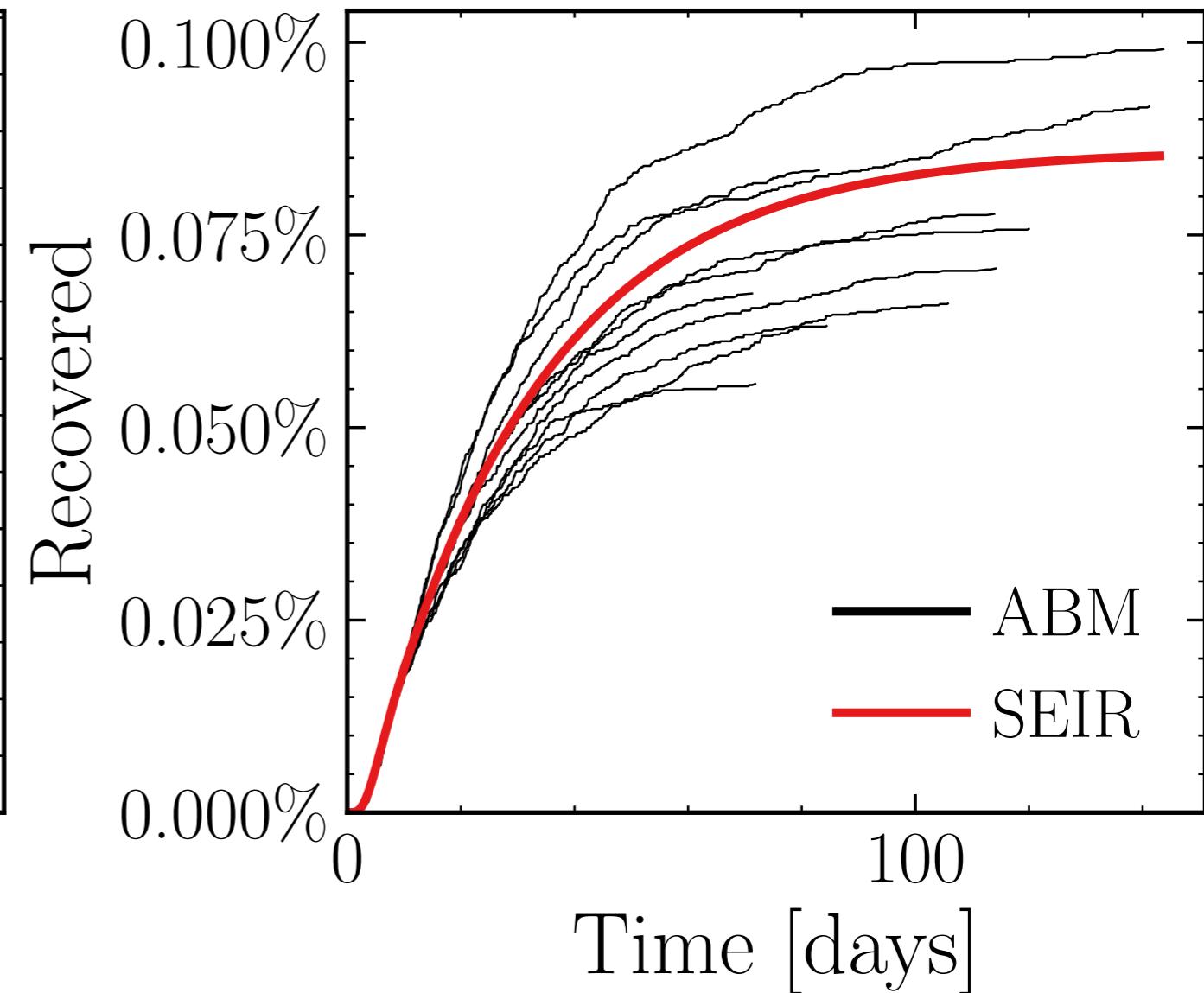
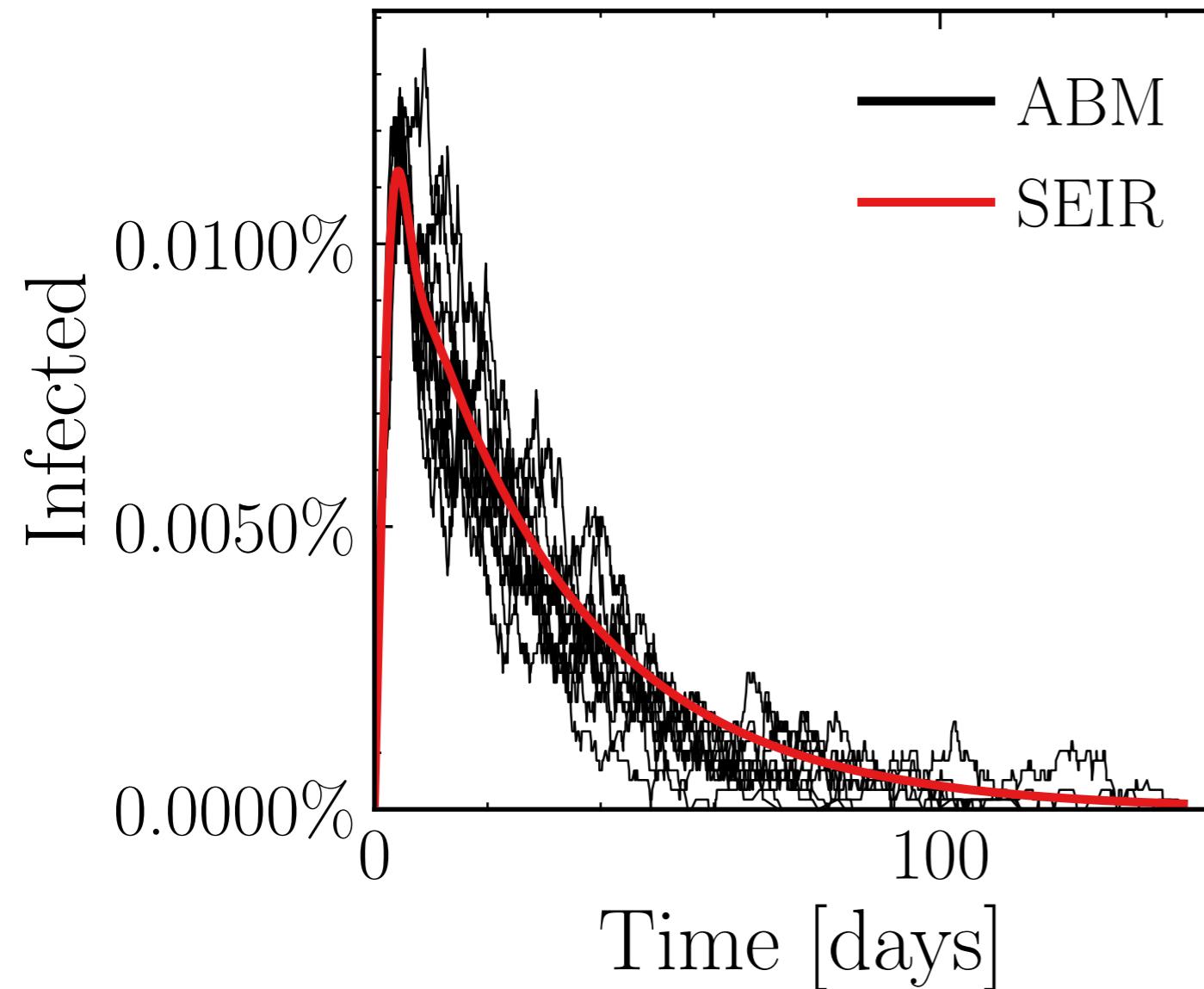
$R_\infty^{\text{ABM}} = (3.6005 \pm 0.012\%) \cdot 10^6$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (66 \pm 2.0\%)$. v. = 1.0, hash = e08a4ec482, #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, $N_{\text{connect}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (70 \pm 1.8\%)$. v. = 1.0, hash = 438132be58, #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, $N_{\text{init}} = 100$

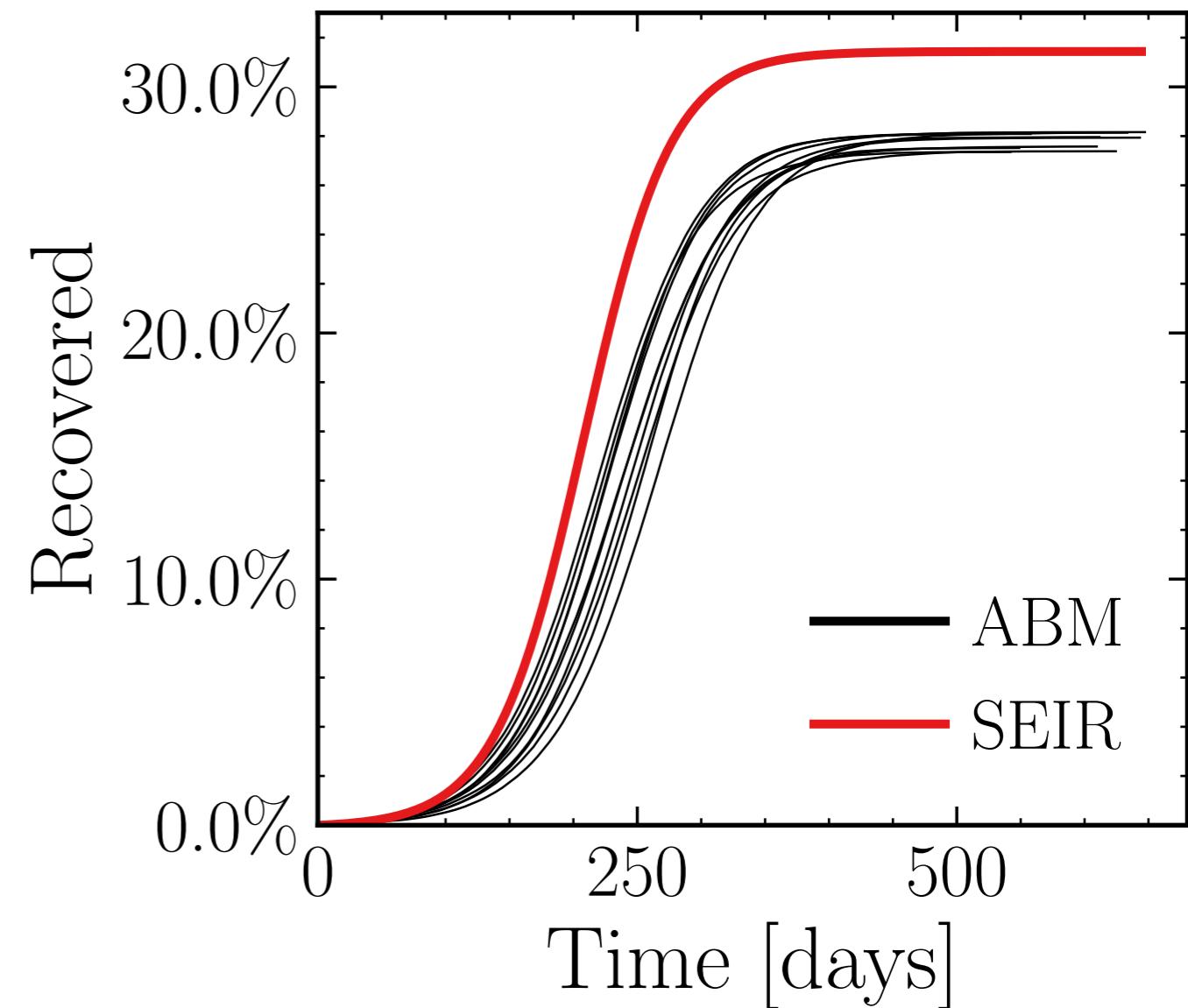
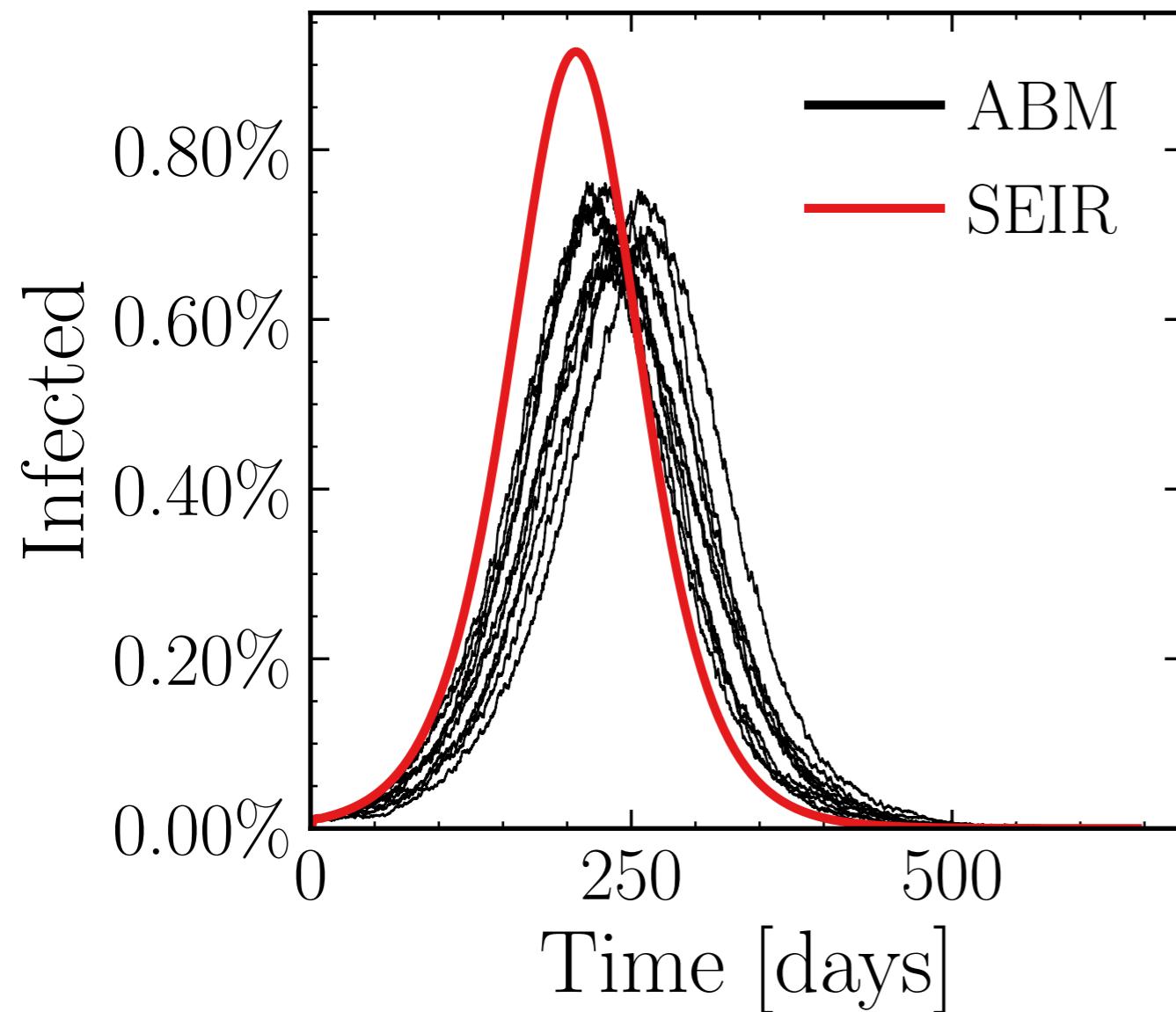
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (4.2 \pm 1.2\%) \cdot 10^3$

v. = 1.0, hash = b9a0e2f579, #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, $N_{\text{init}} = 100$

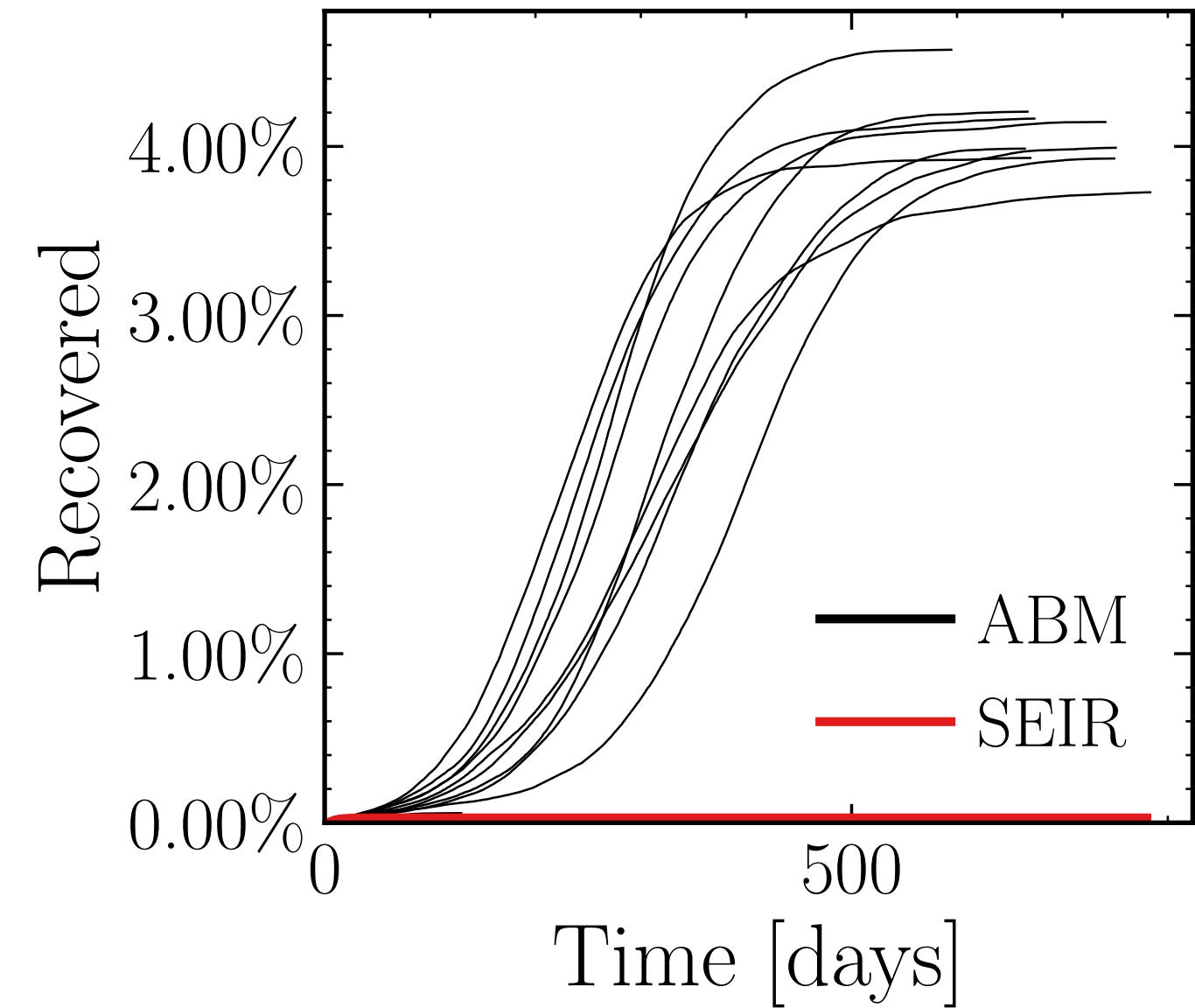
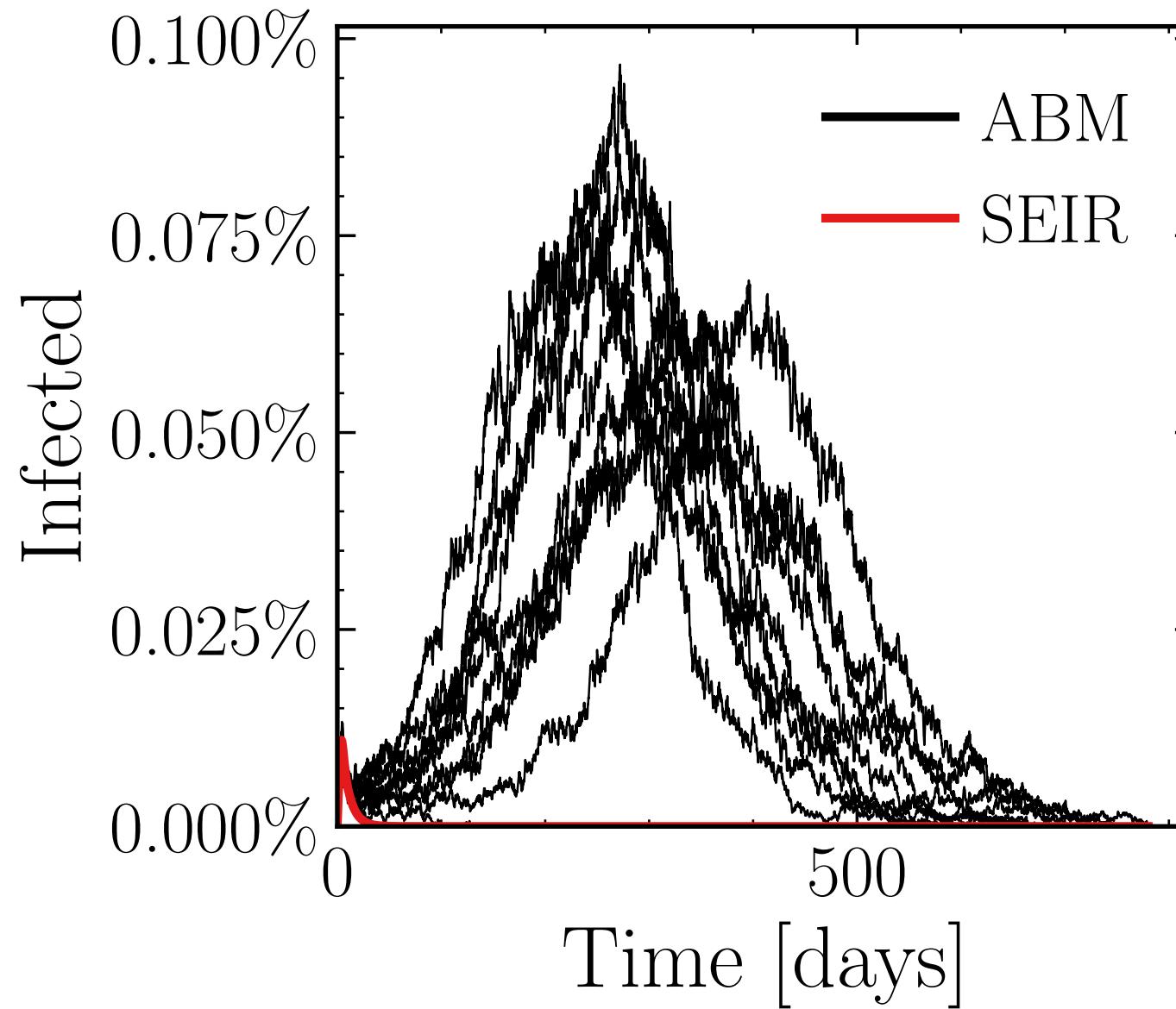
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (400 \pm 1e + 01\%)$.

v. = 1.0, hash = 4a34e7cd41, #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, $N_{\text{init}} = 100$

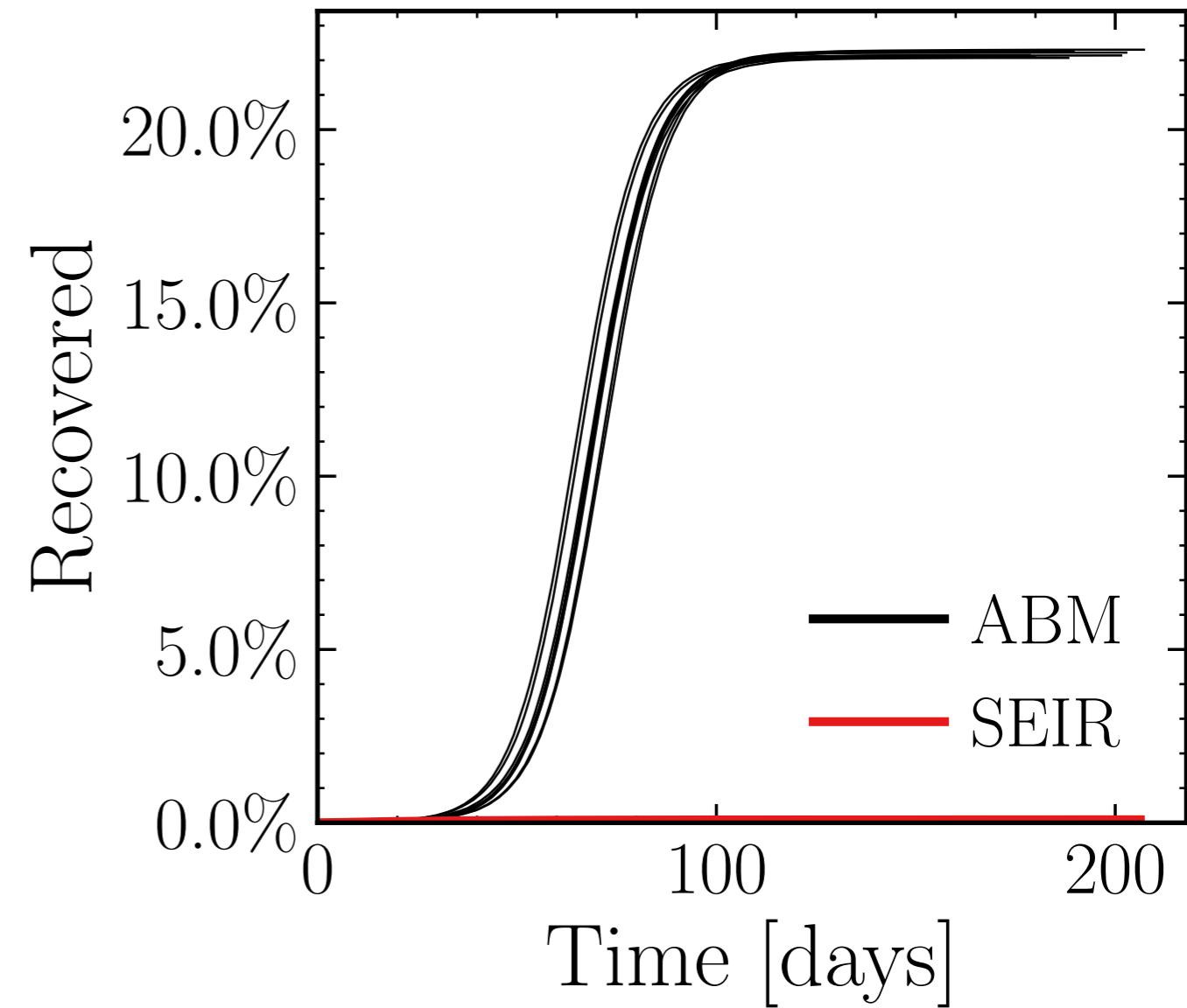
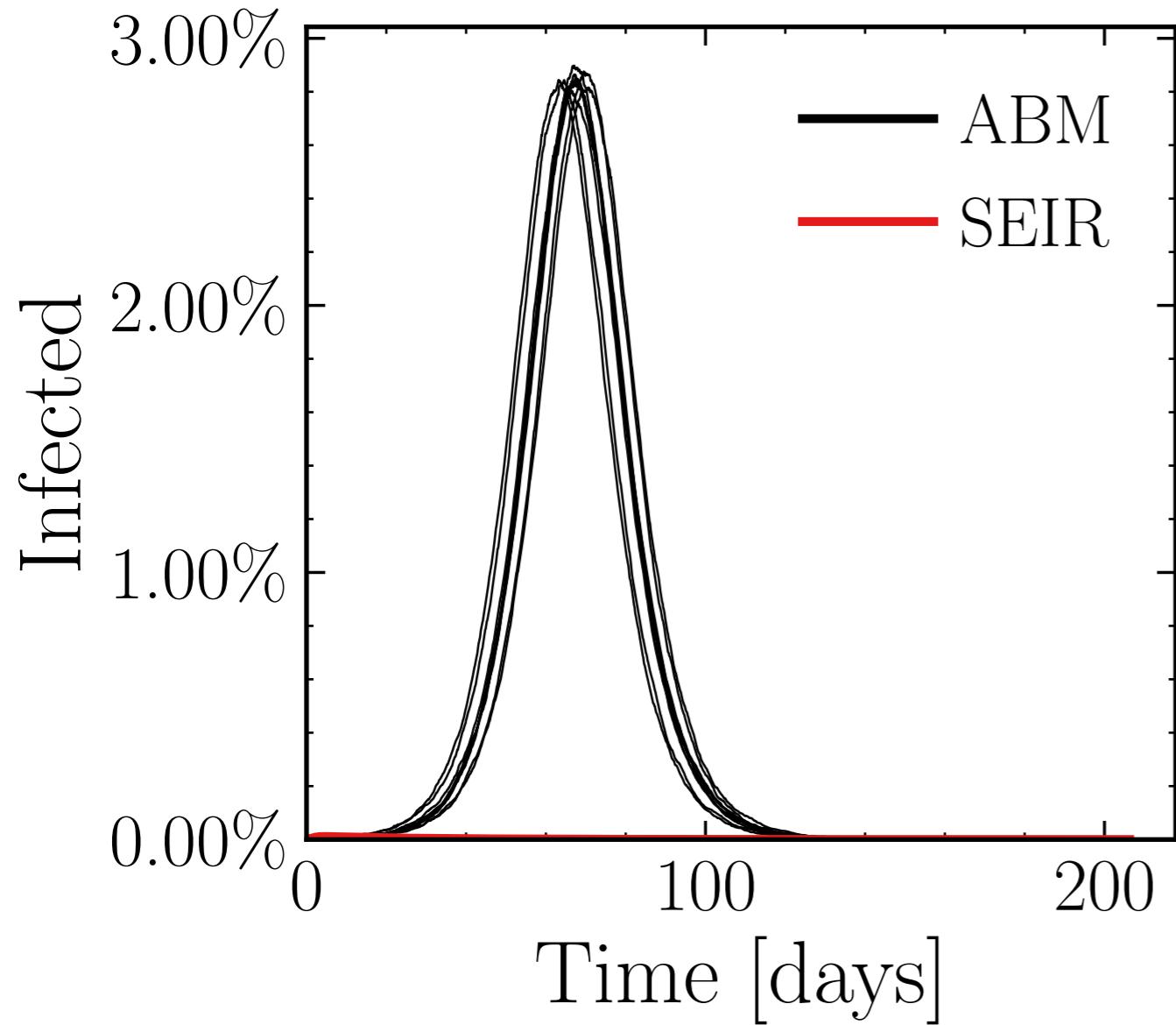
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (16.52 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = 127038a0dc, #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, $N_{\text{init}} = 100$

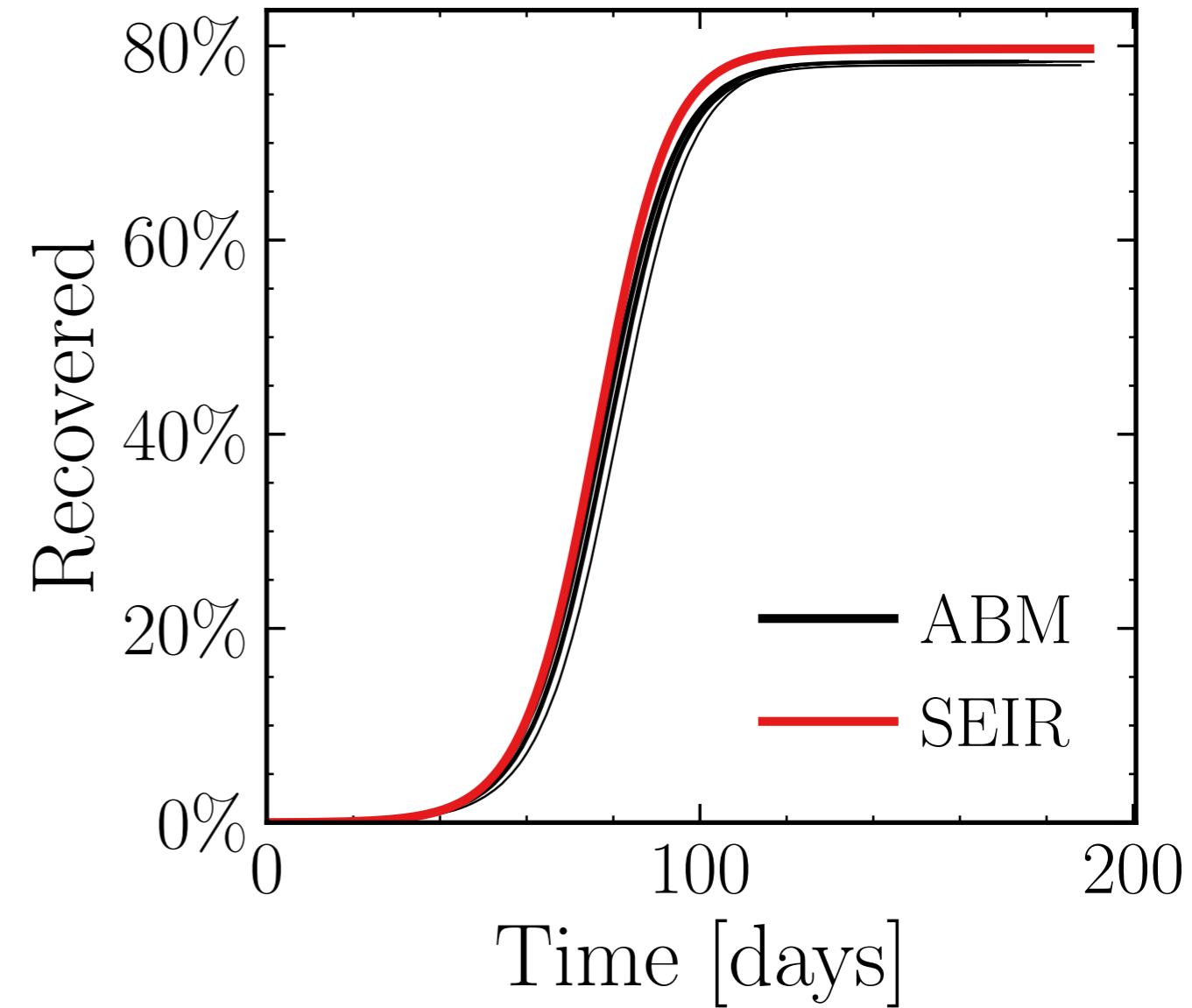
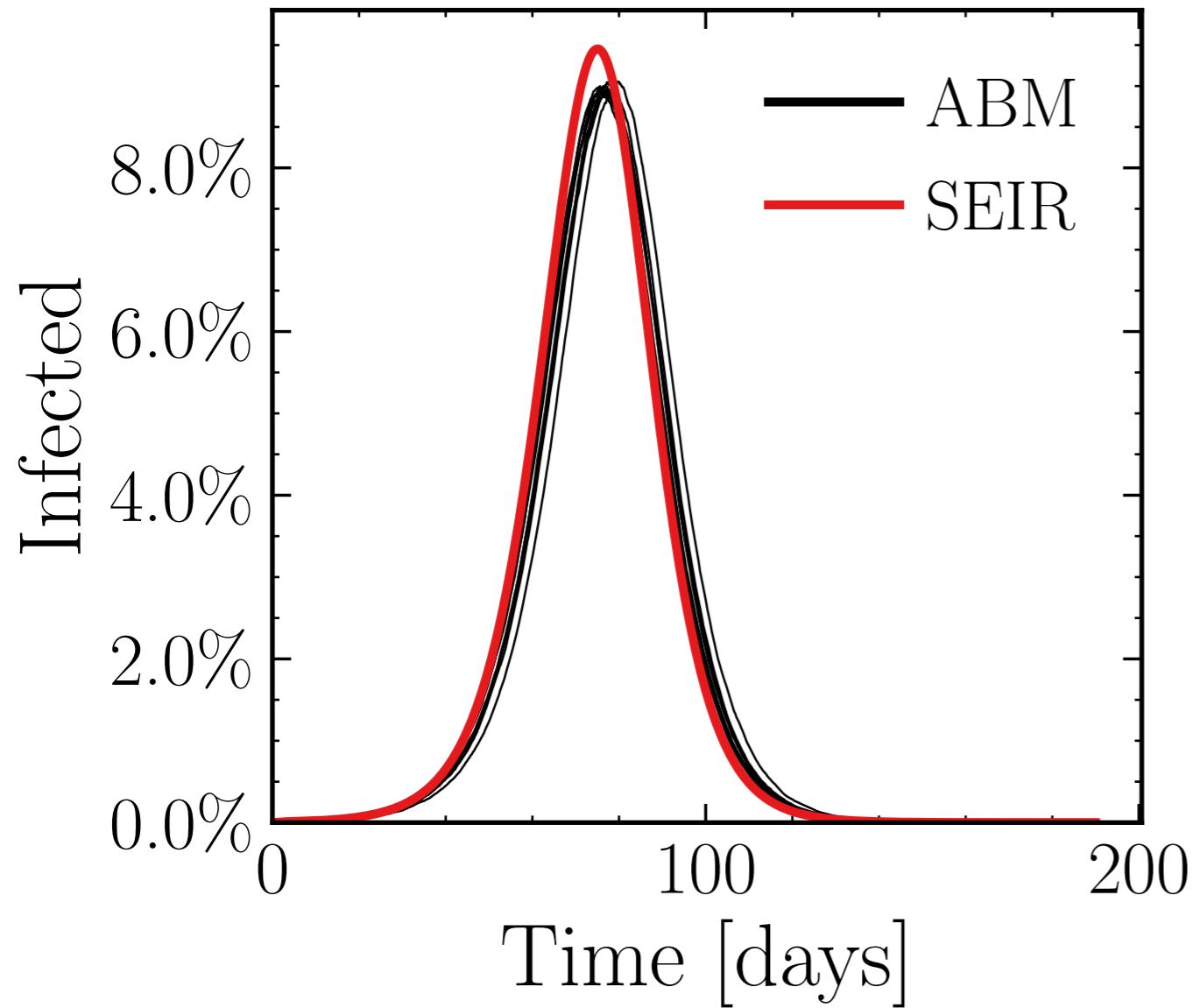
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (52.01 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = f9e76e616e, #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, $N_{\text{init}} = 100$

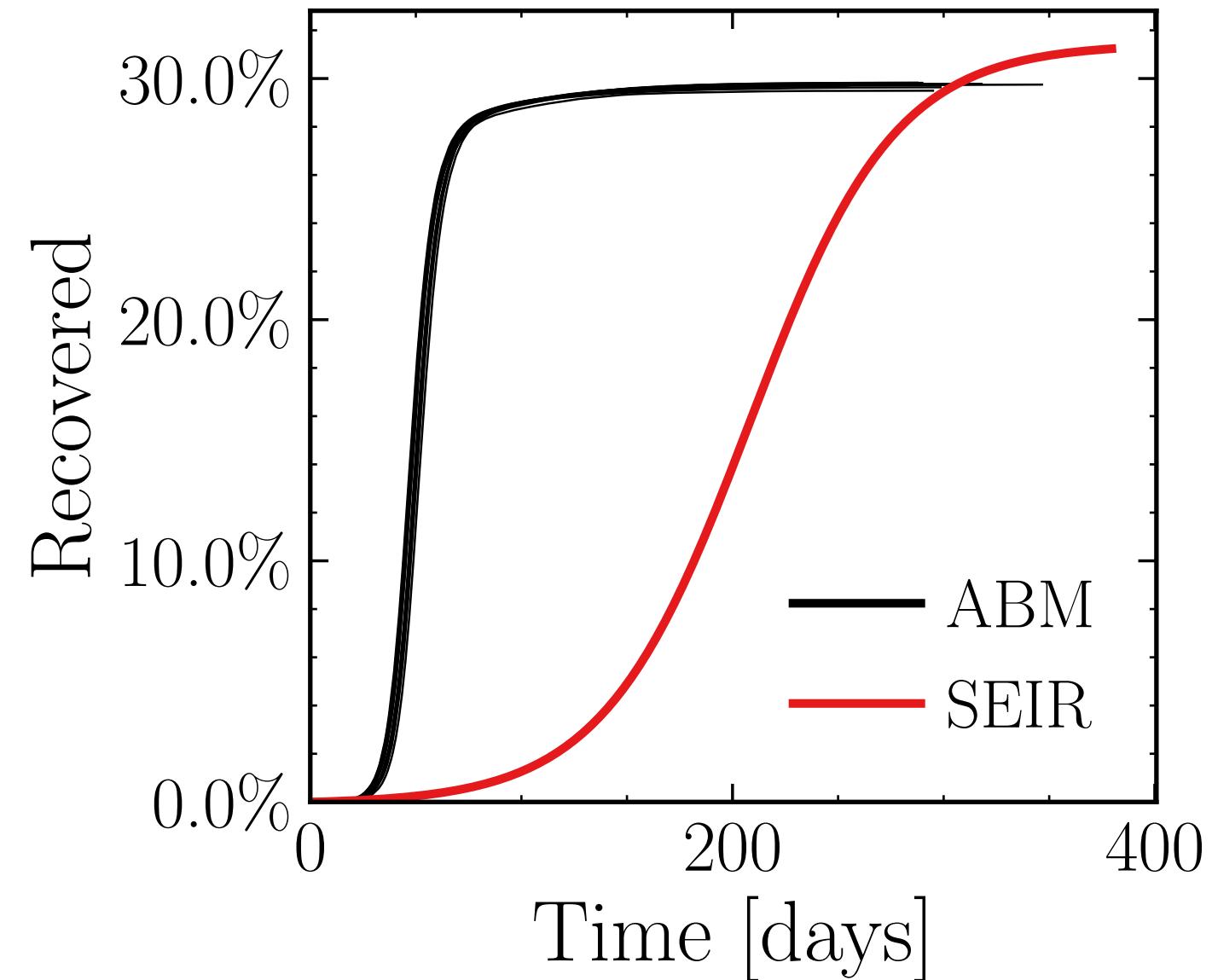
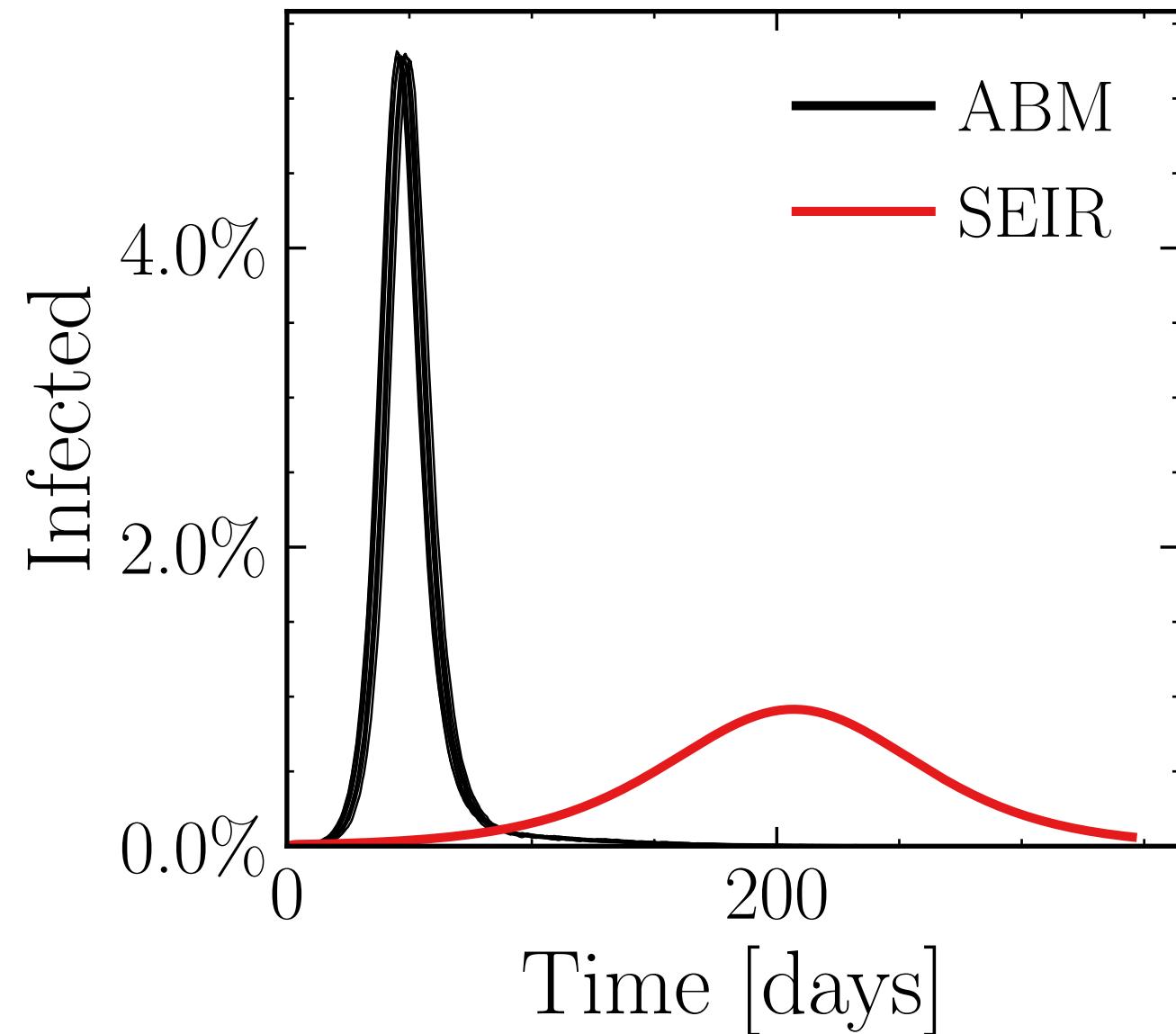
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (30.62 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = 0c691fdeba, #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, $N_{\text{init}} = 100$

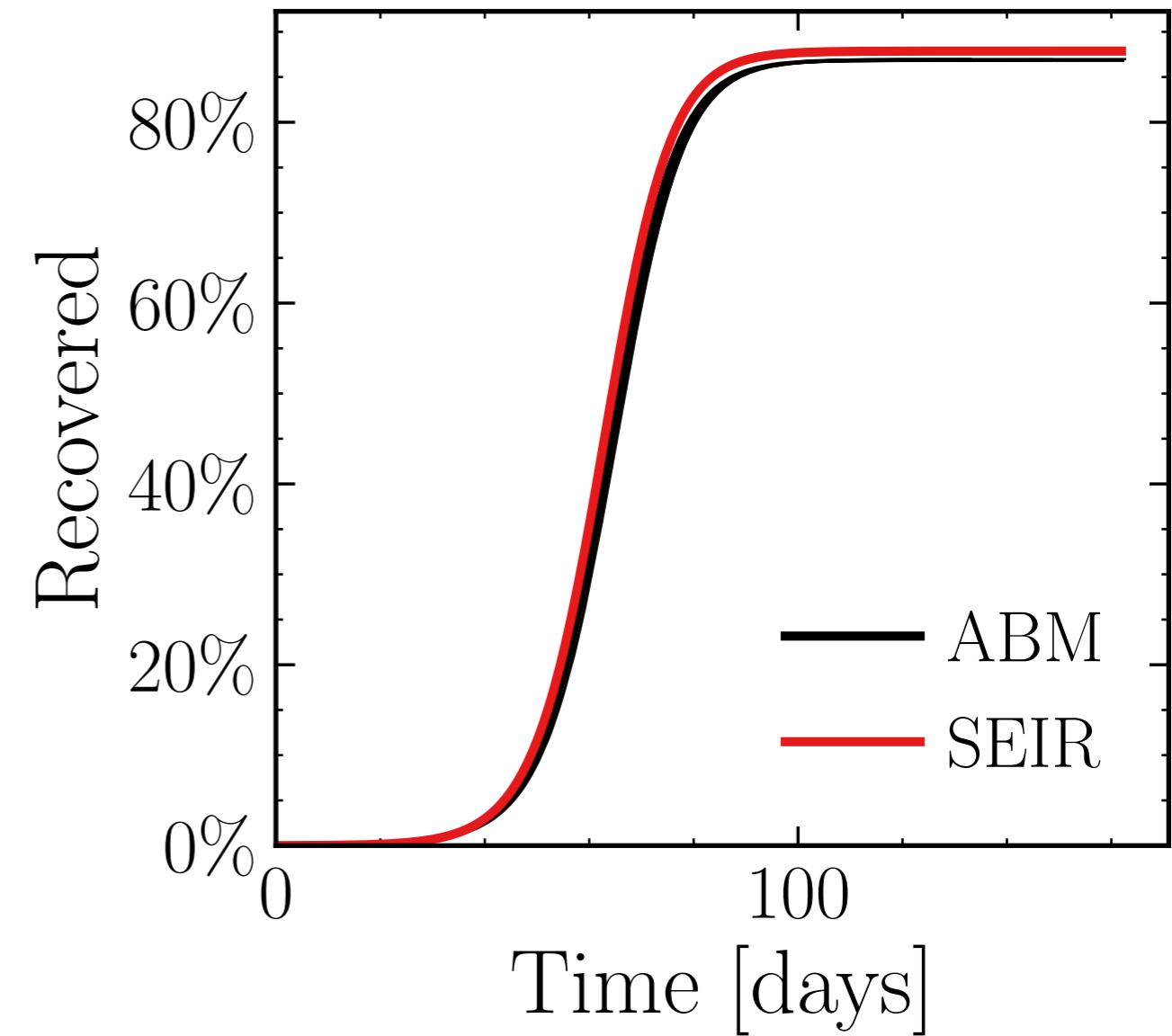
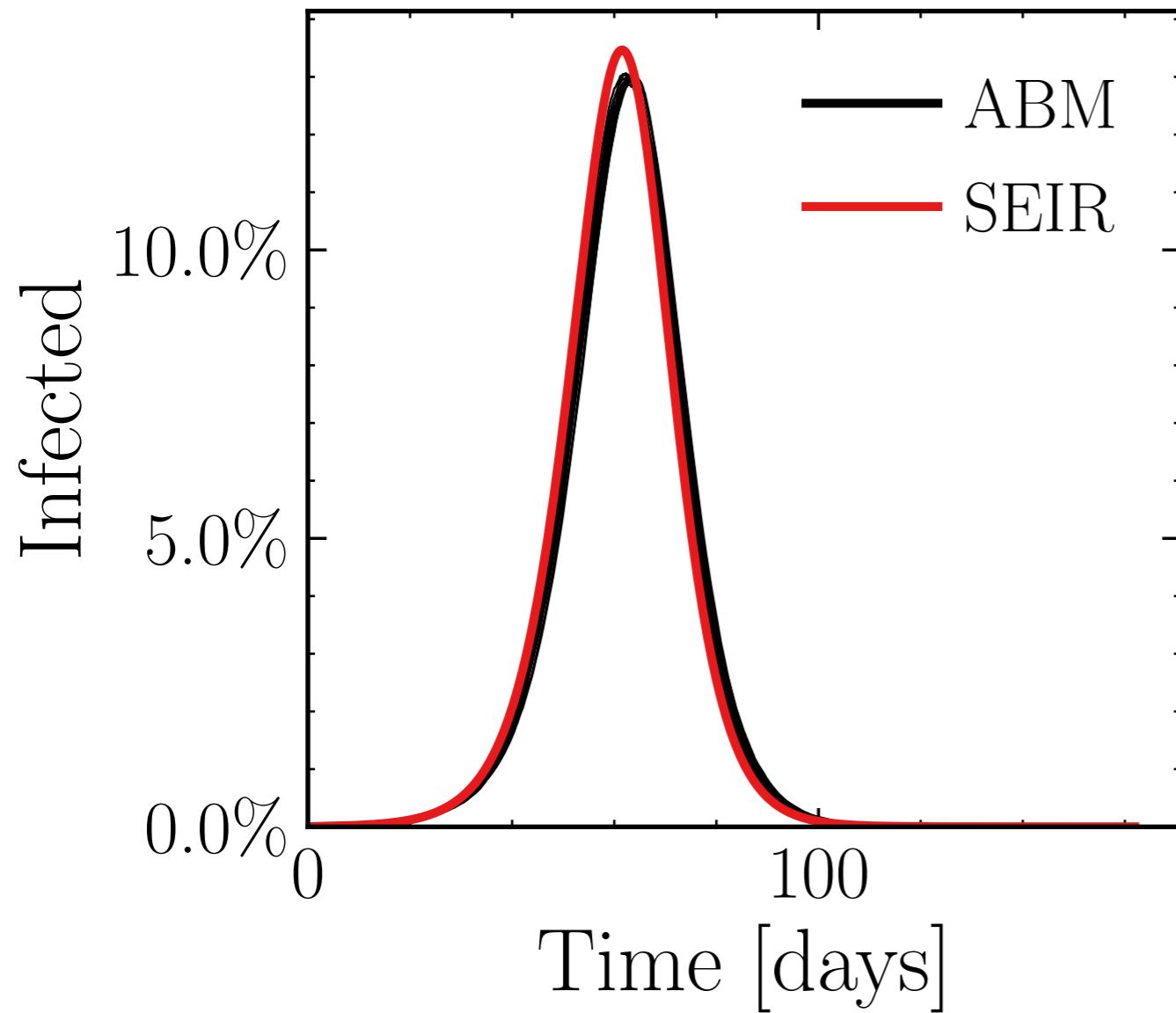
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

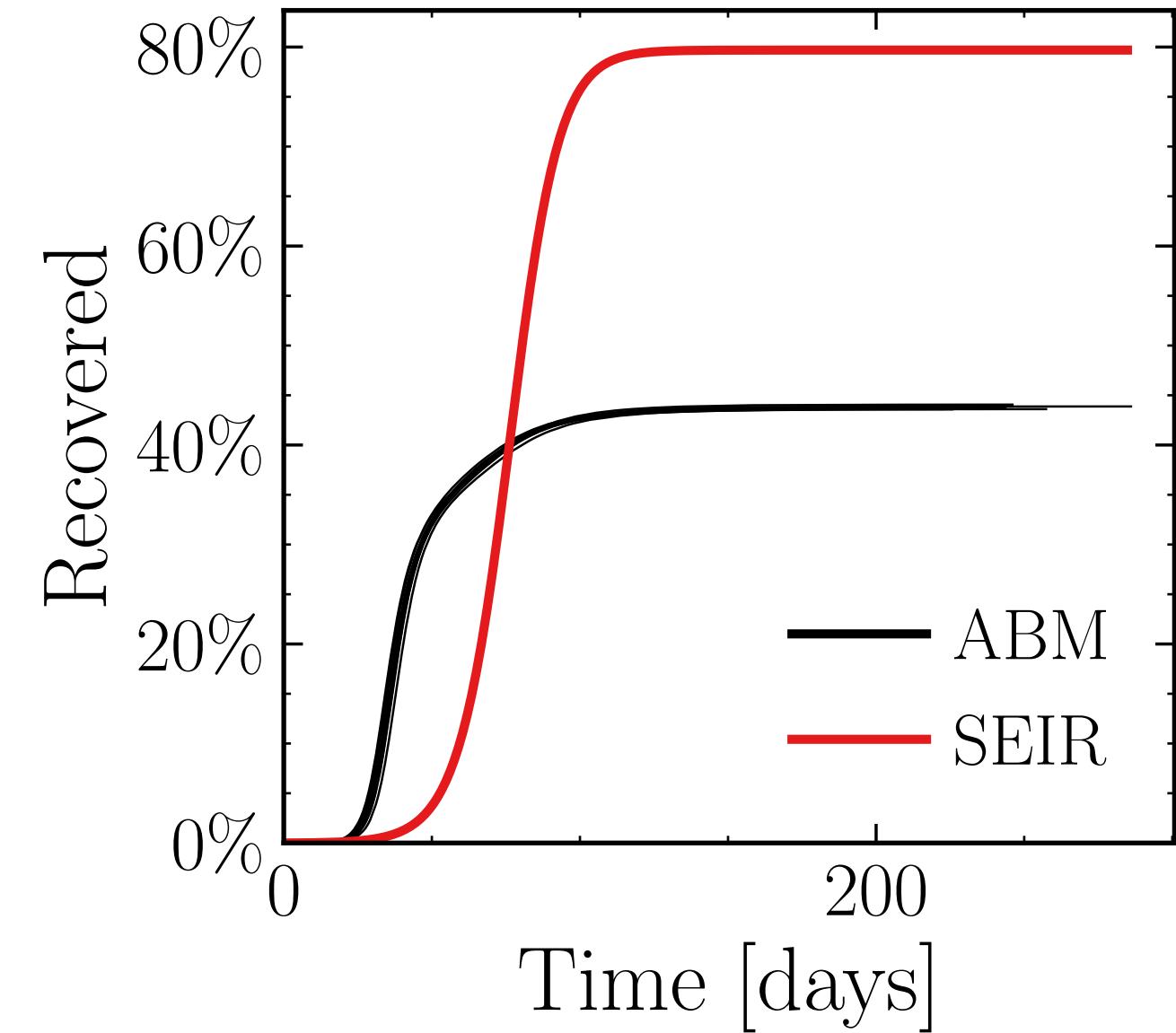
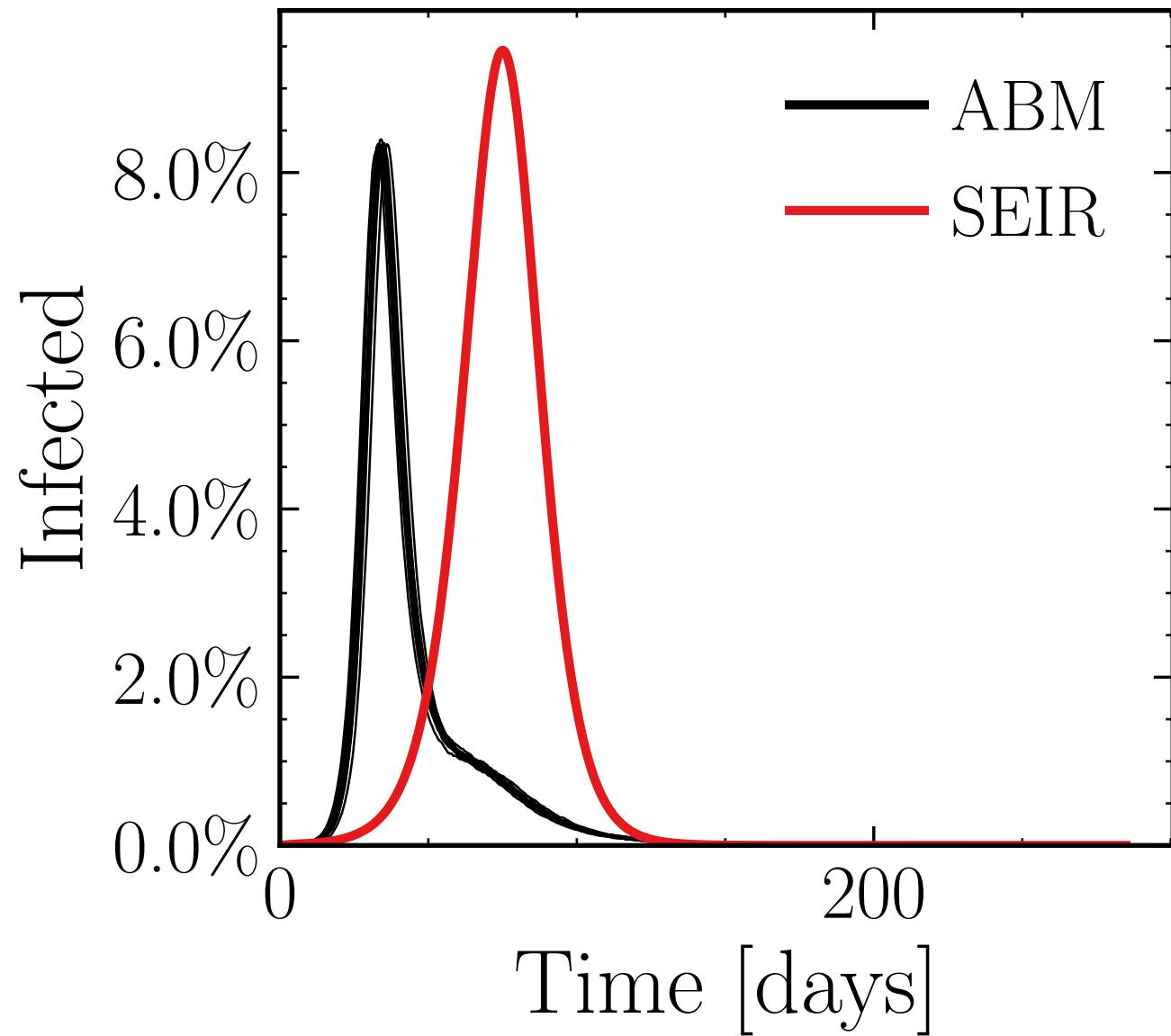
$I_{\text{peak}}^{\text{ABM}} = (75.3 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = bc0acd5cf4, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (48.28 \pm 0.14\%) \cdot 10^3$ v. = 1.0, hash = 5be9c02700, #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, $N_{\text{init}} = 100$

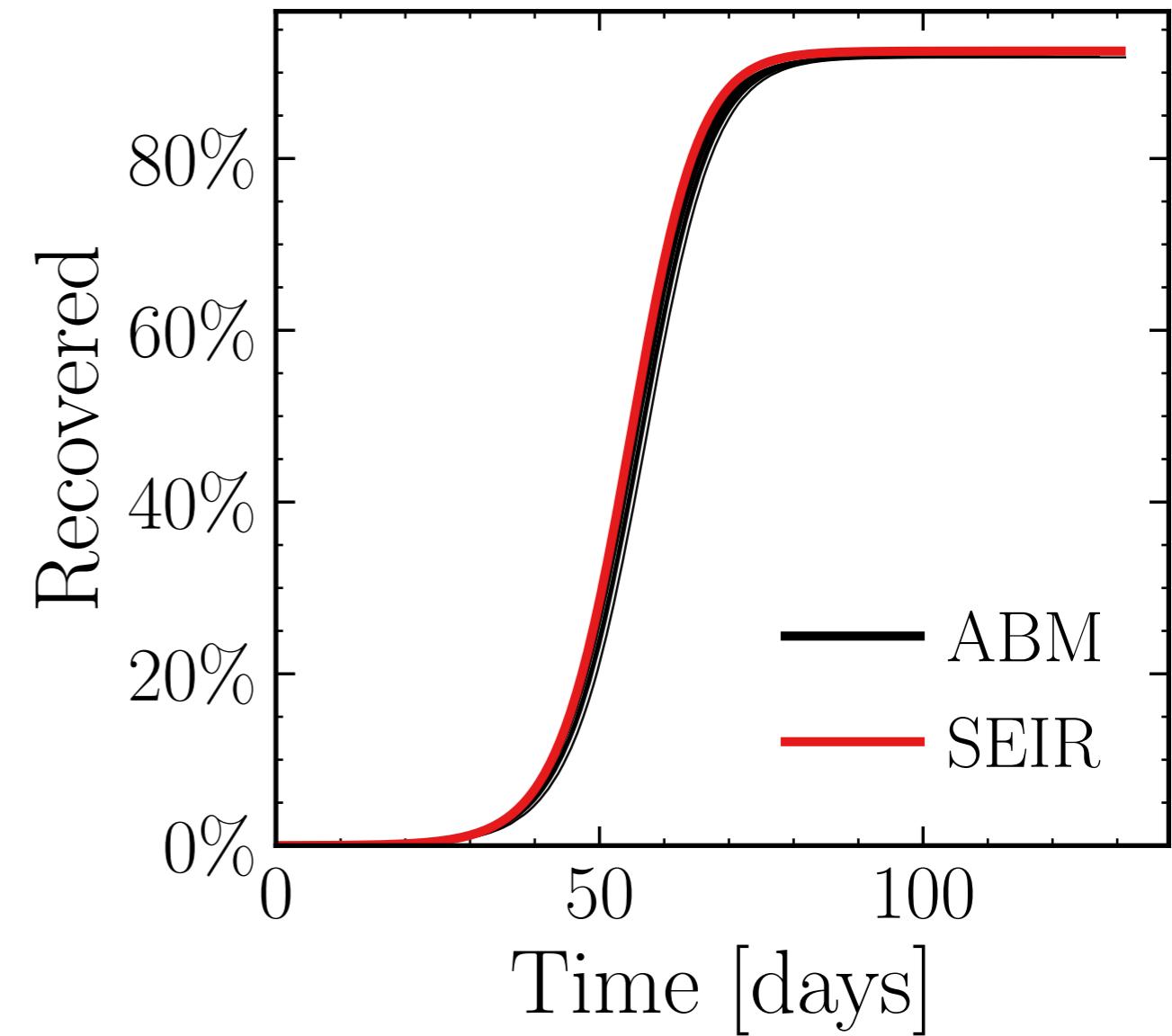
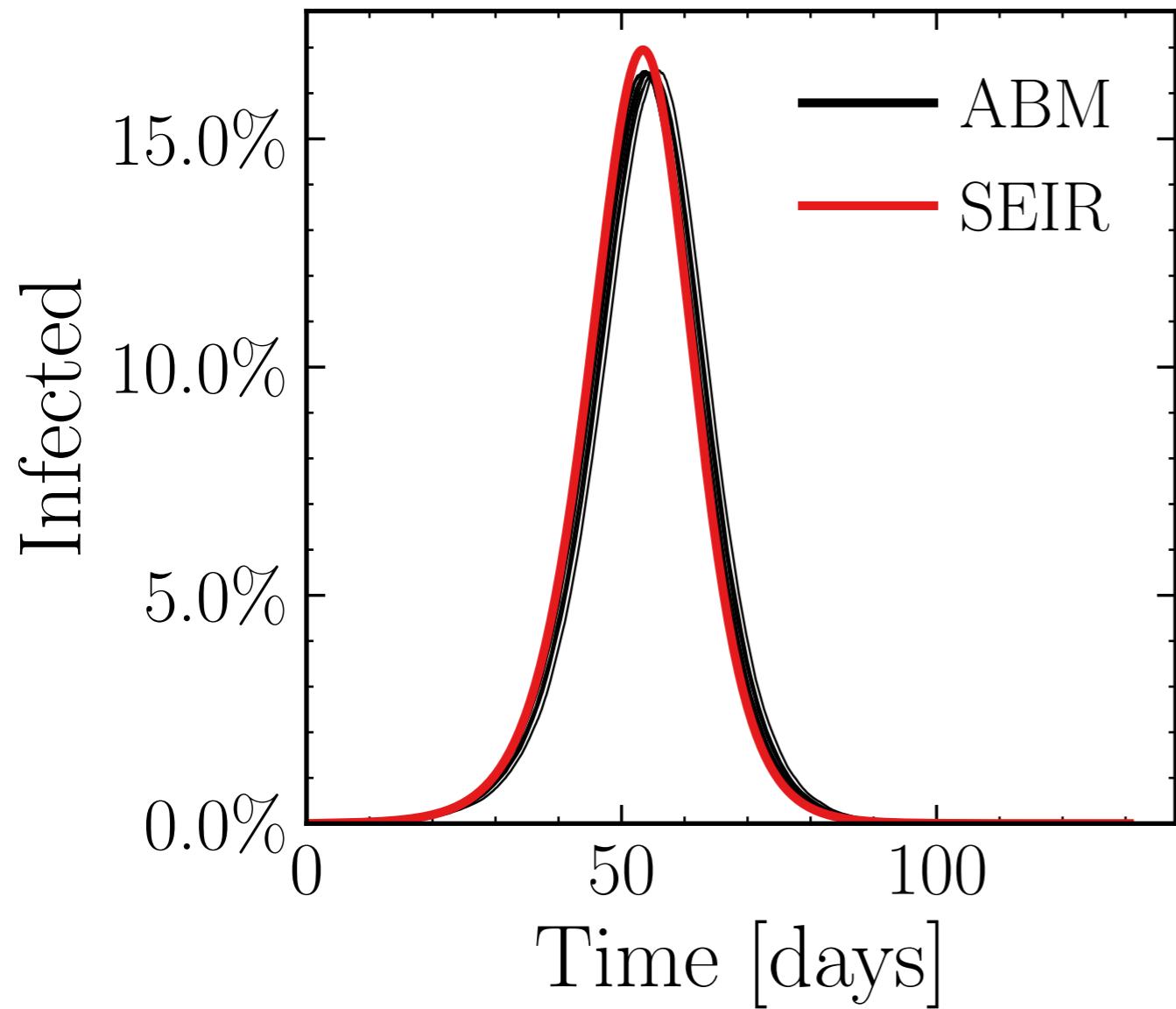
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (95.47 \pm 0.049\%) \cdot 10^3$

v. = 1.0, hash = 83a666ea82, #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, $N_{\text{init}} = 100$

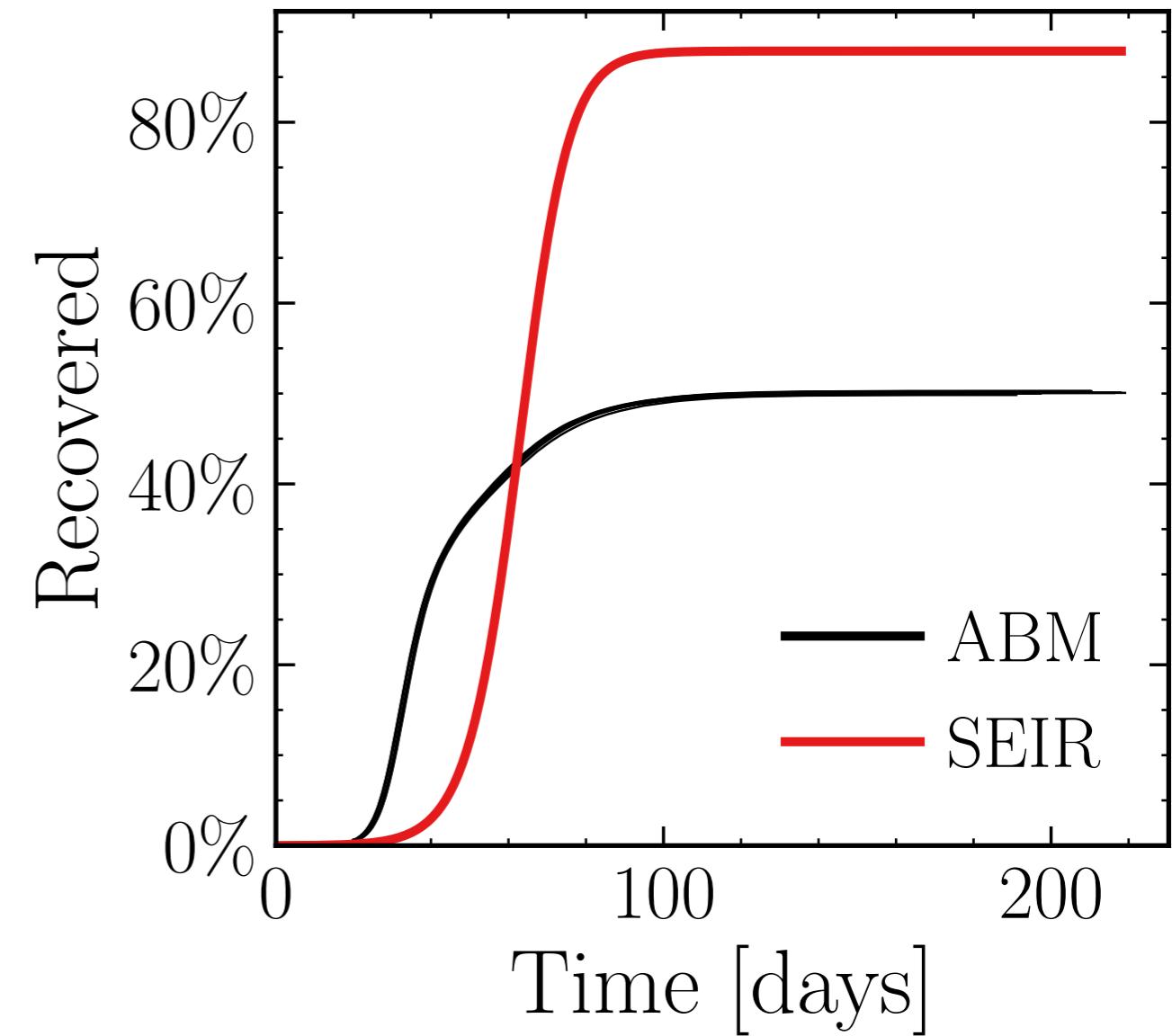
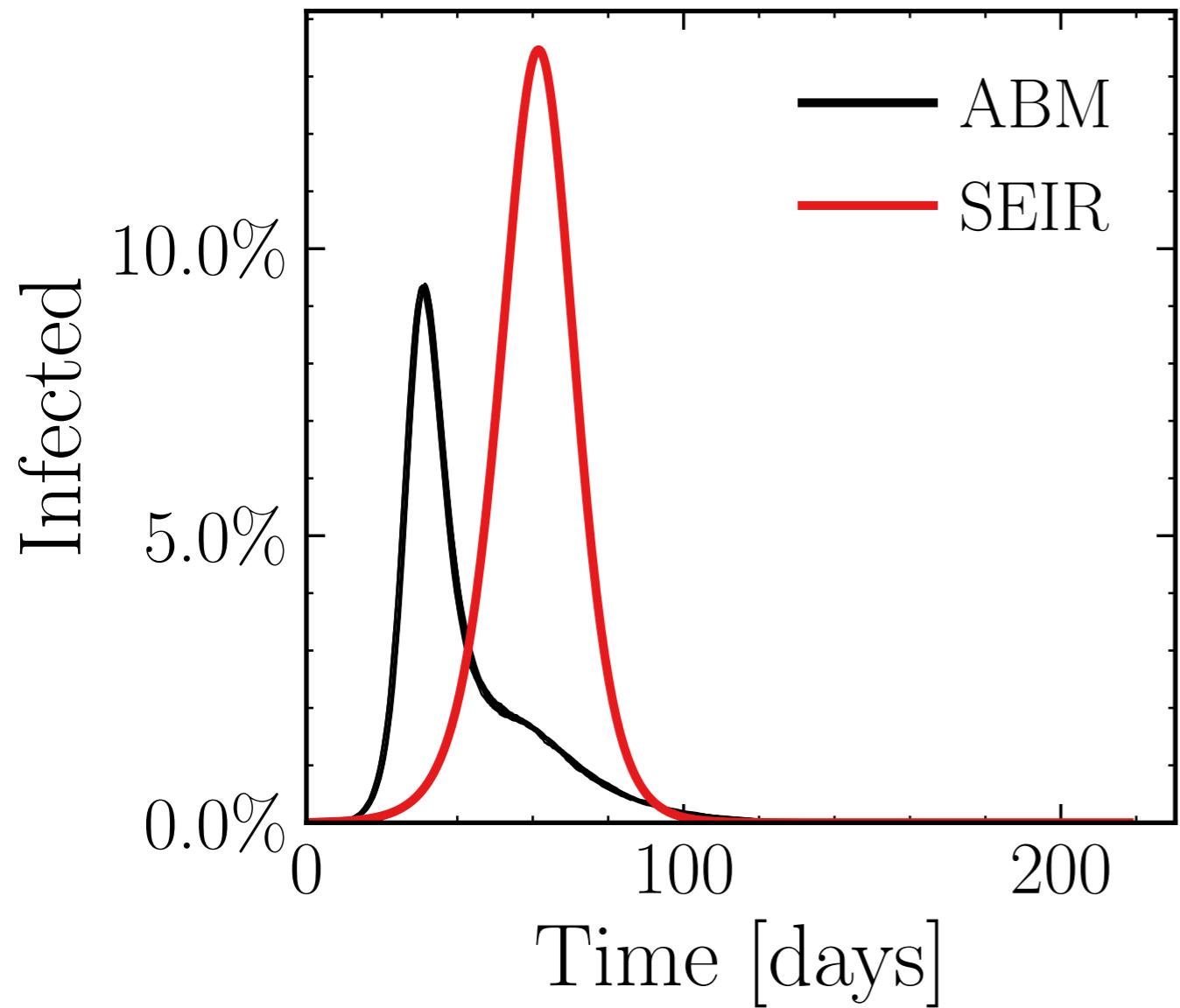
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (54.19 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 589165299f, #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, $N_{\text{init}} = 100$

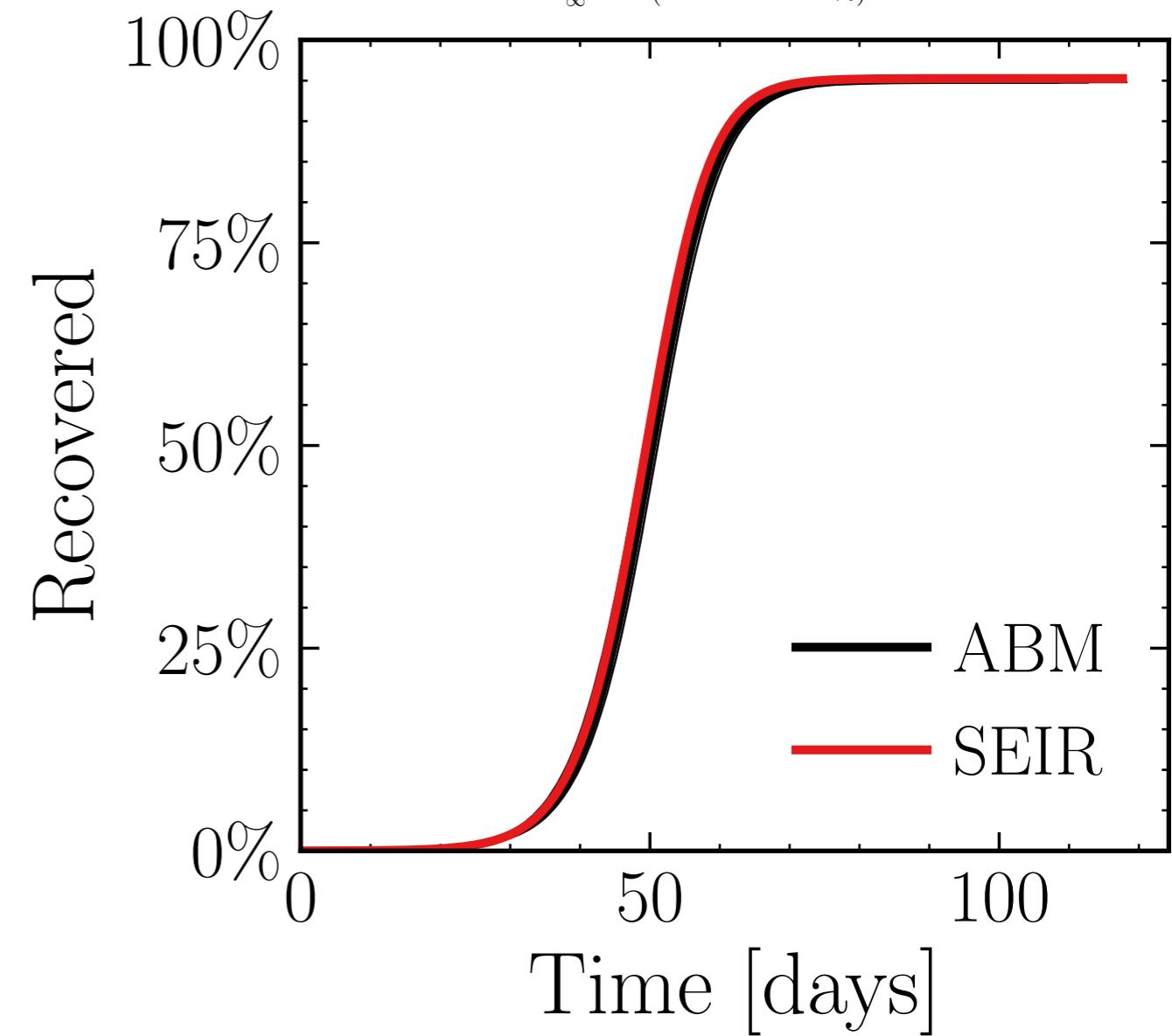
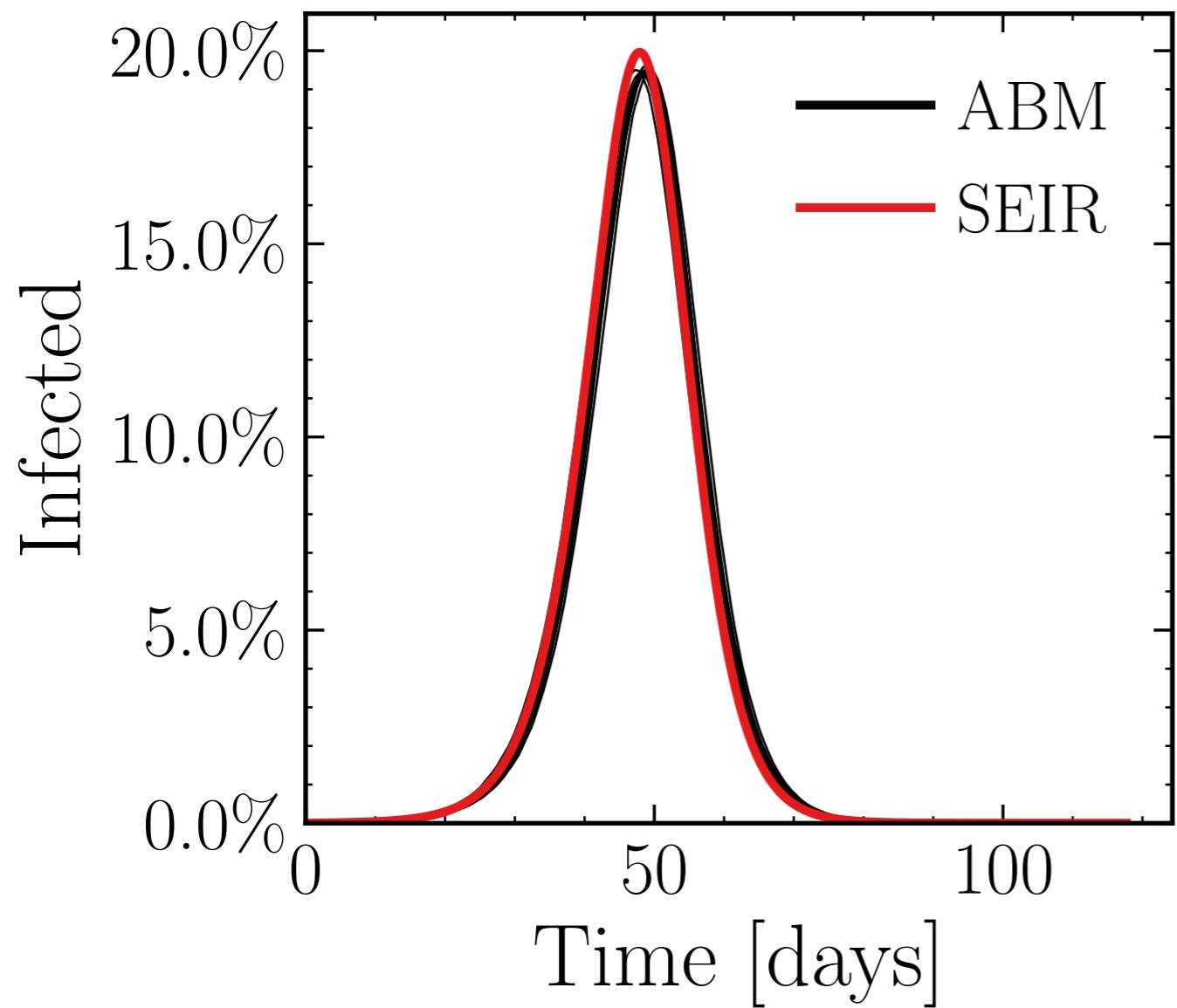
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (113.1 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 69863a47a5, #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, $N_{\text{init}} = 100$

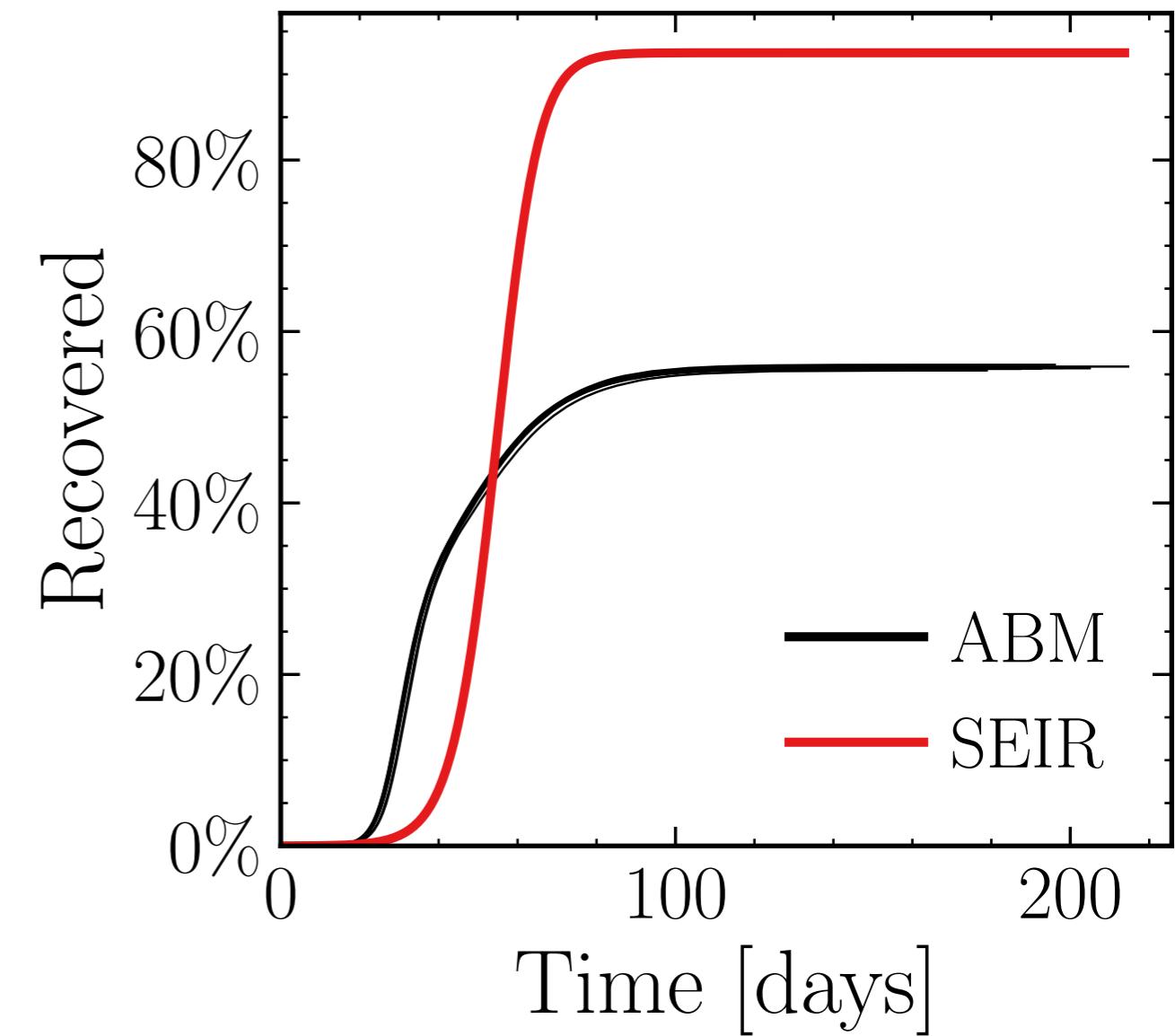
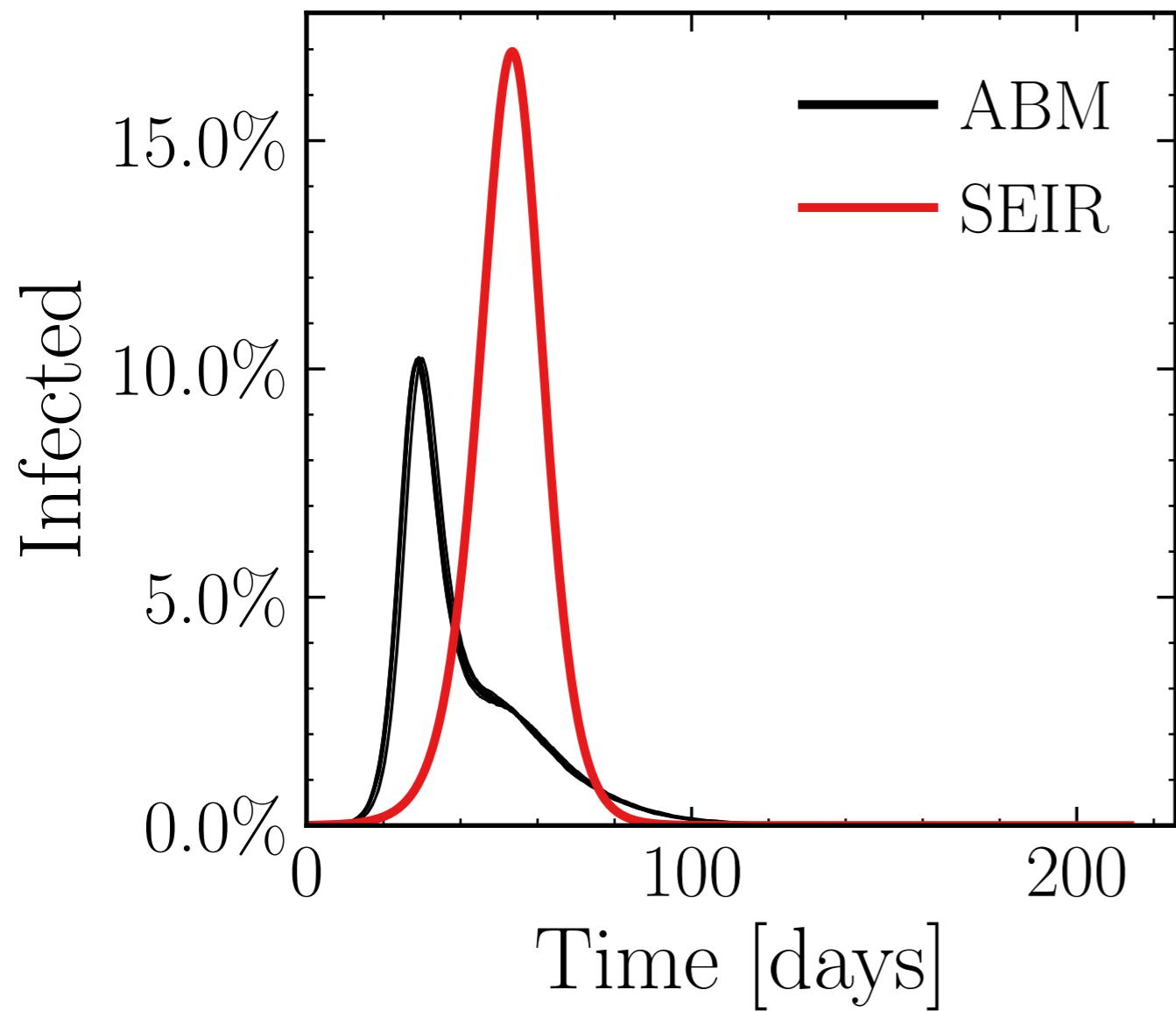
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (59.12 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 7ce34f7ae9, #10

$R_\infty^{\text{ABM}} = (323.6 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 90.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

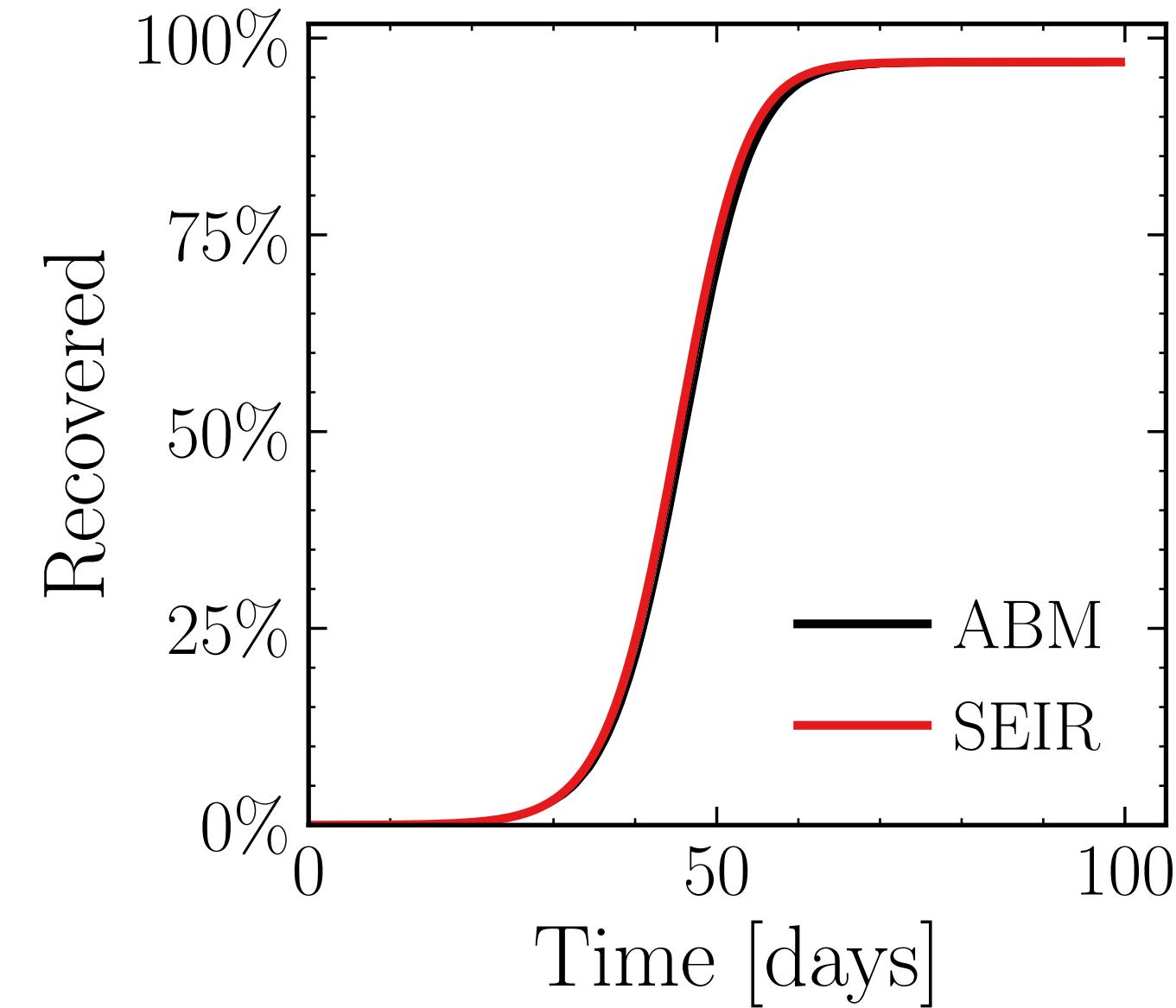
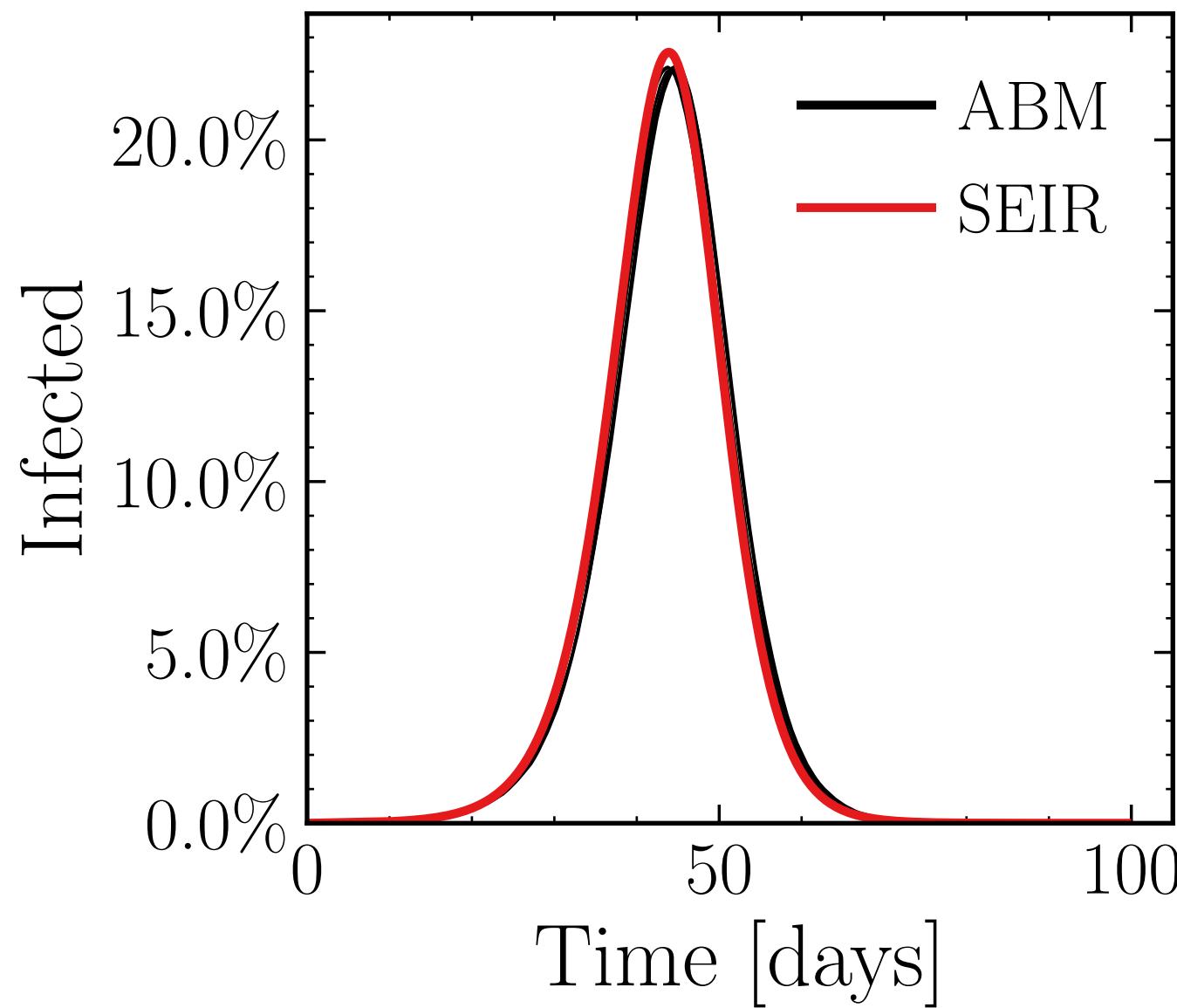
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (128.25 \pm 0.068\%) \cdot 10^3$

v. = 1.0, hash = ce00b6d2aa, #10

$R_{\infty}^{\text{ABM}} = (560.48 \pm 0.008\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 80.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

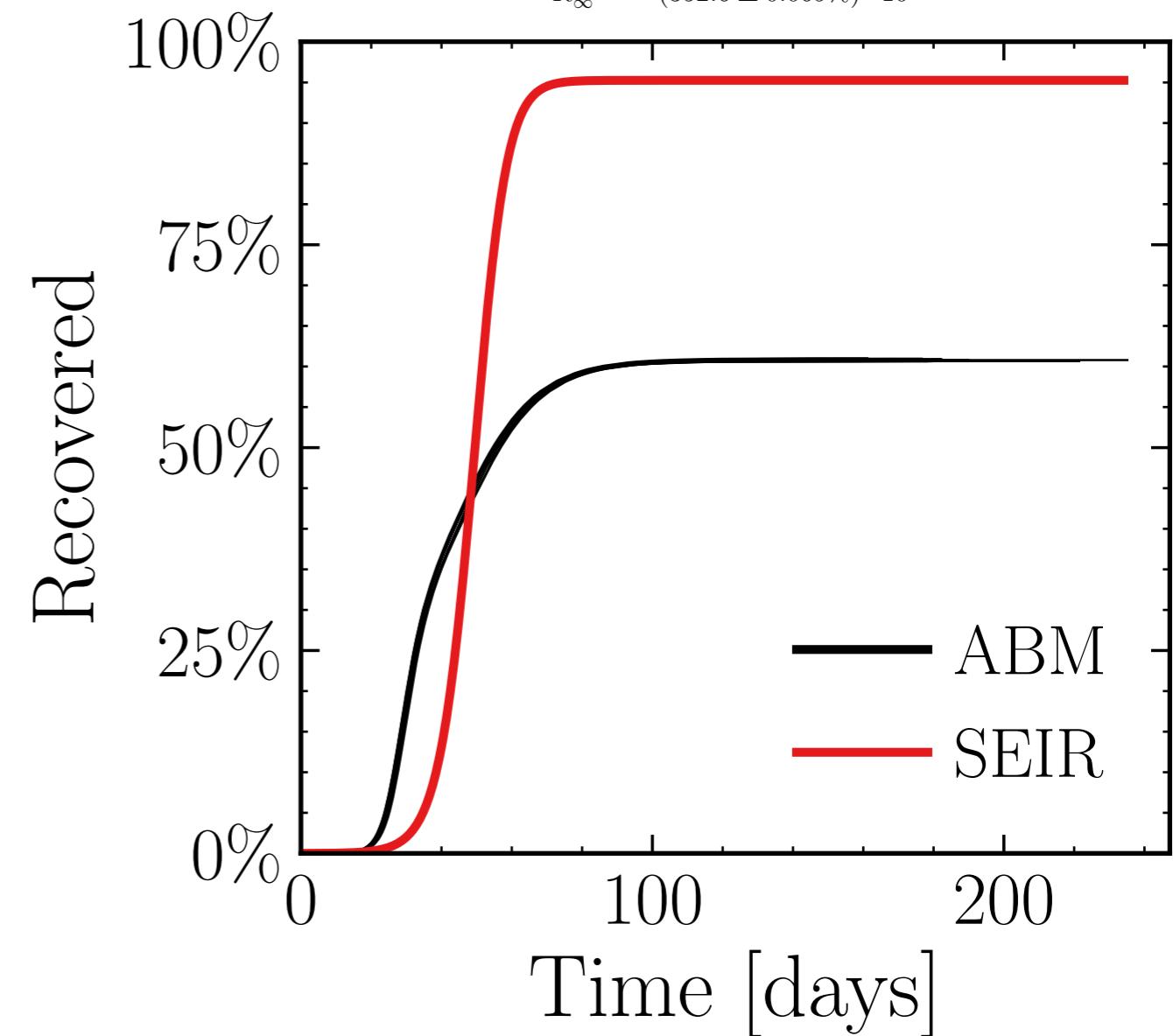
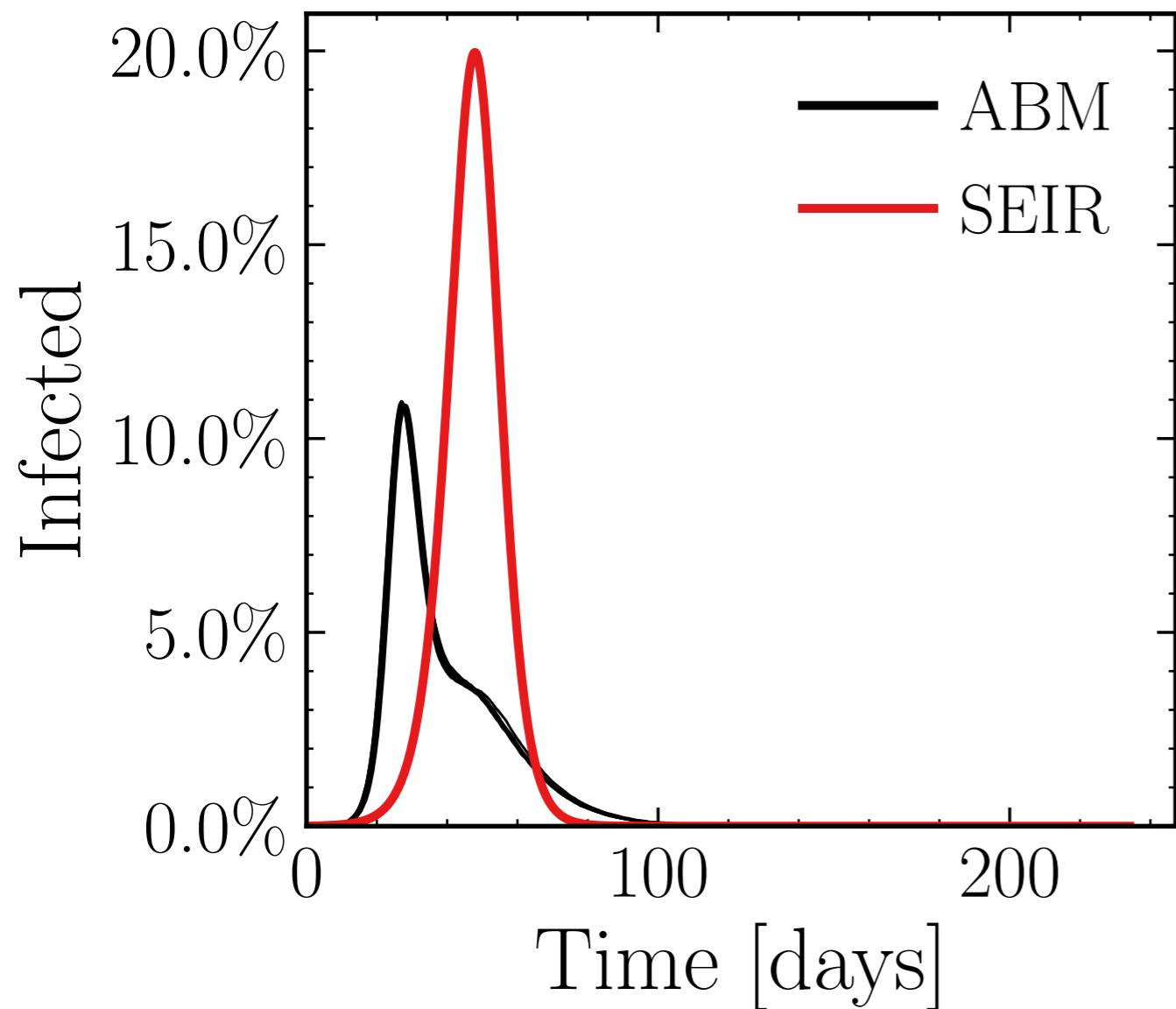
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (63.17 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = 40f3792ddf, #10

$R_{\infty}^{\text{ABM}} = (352.6 \pm 0.069\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 100.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

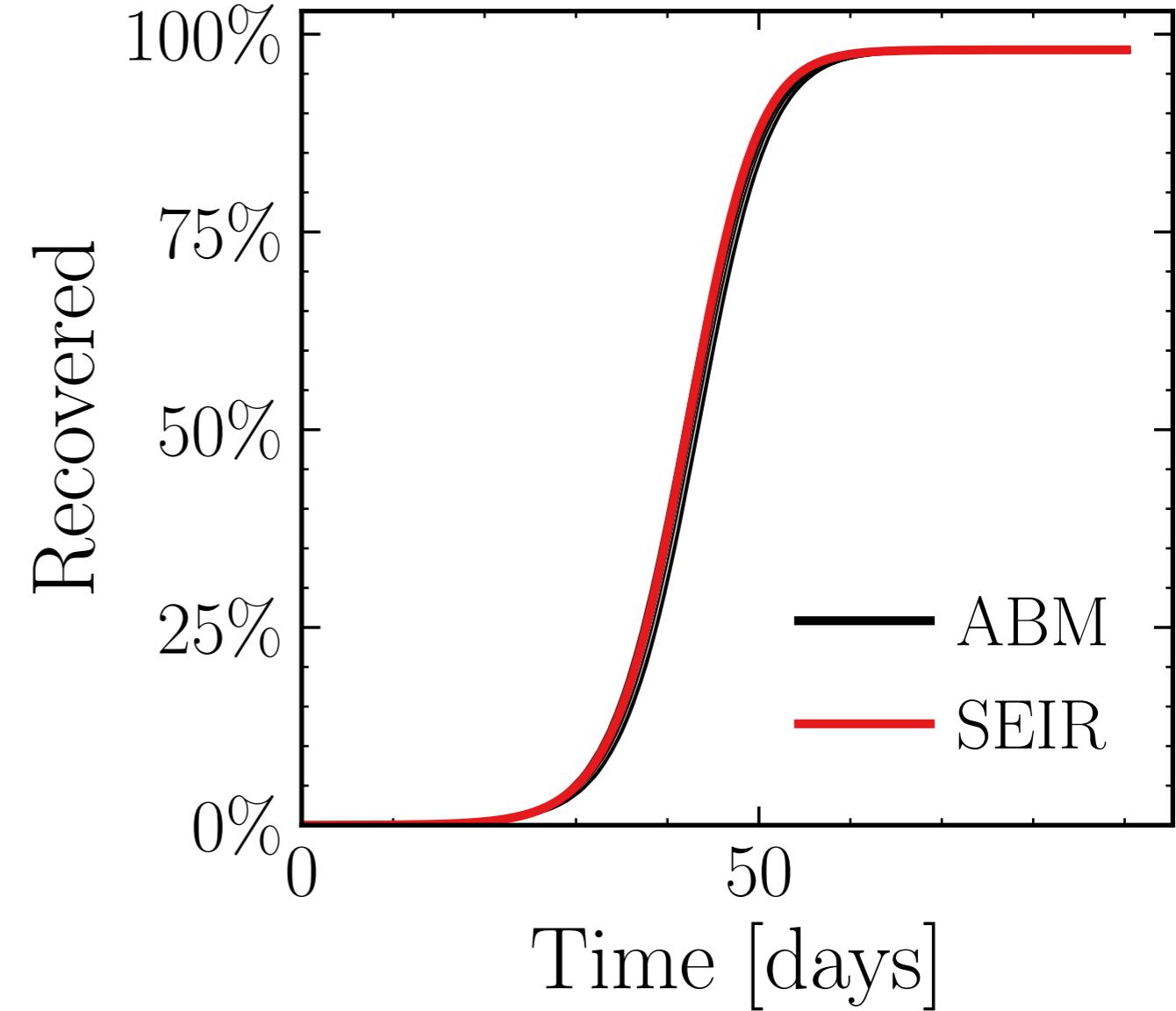
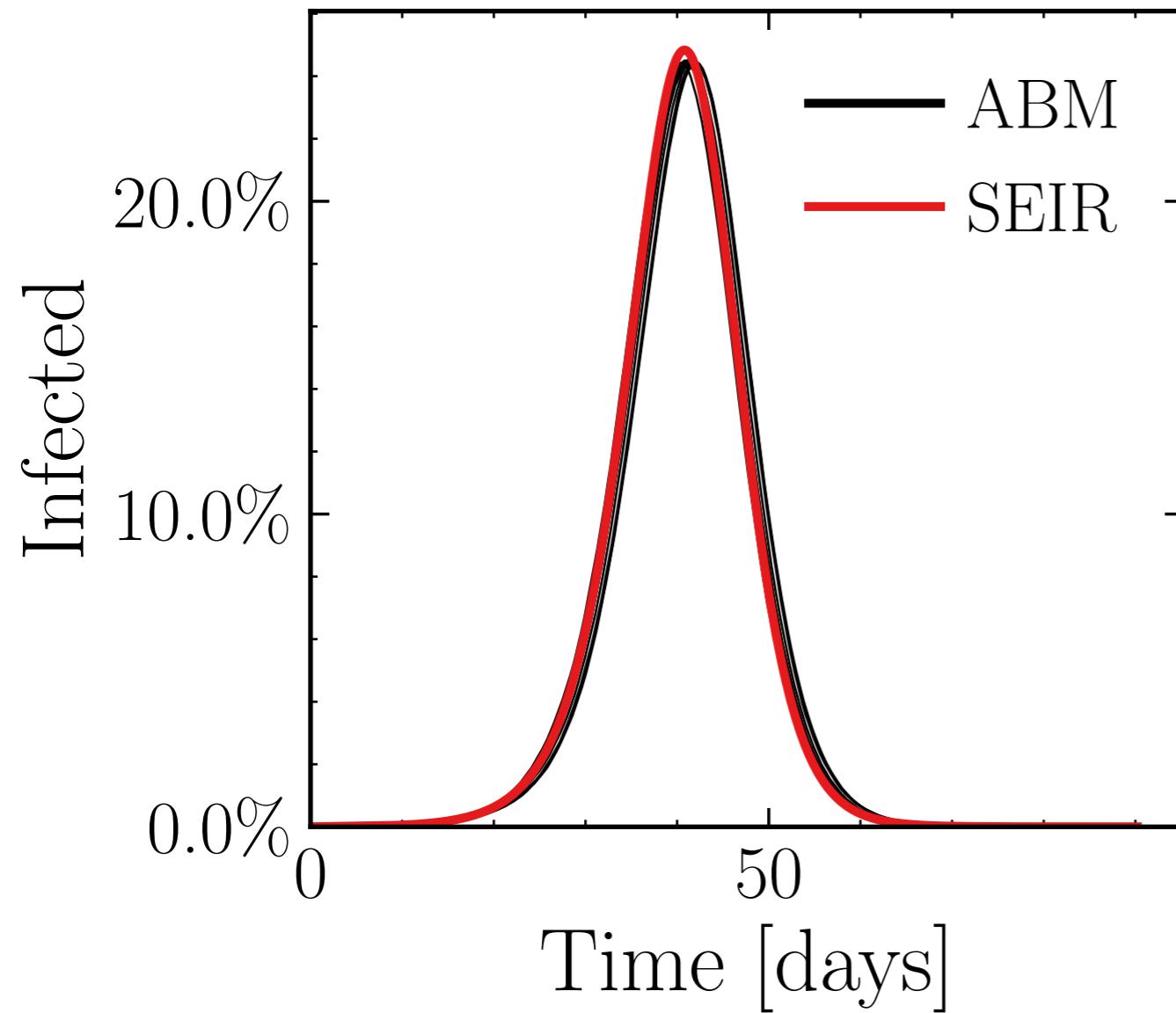
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (141.7 \pm 0.063\%) \cdot 10^3$

v. = 1.0, hash = 8ccbfb5a03, #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, $N_{\text{init}} = 100$

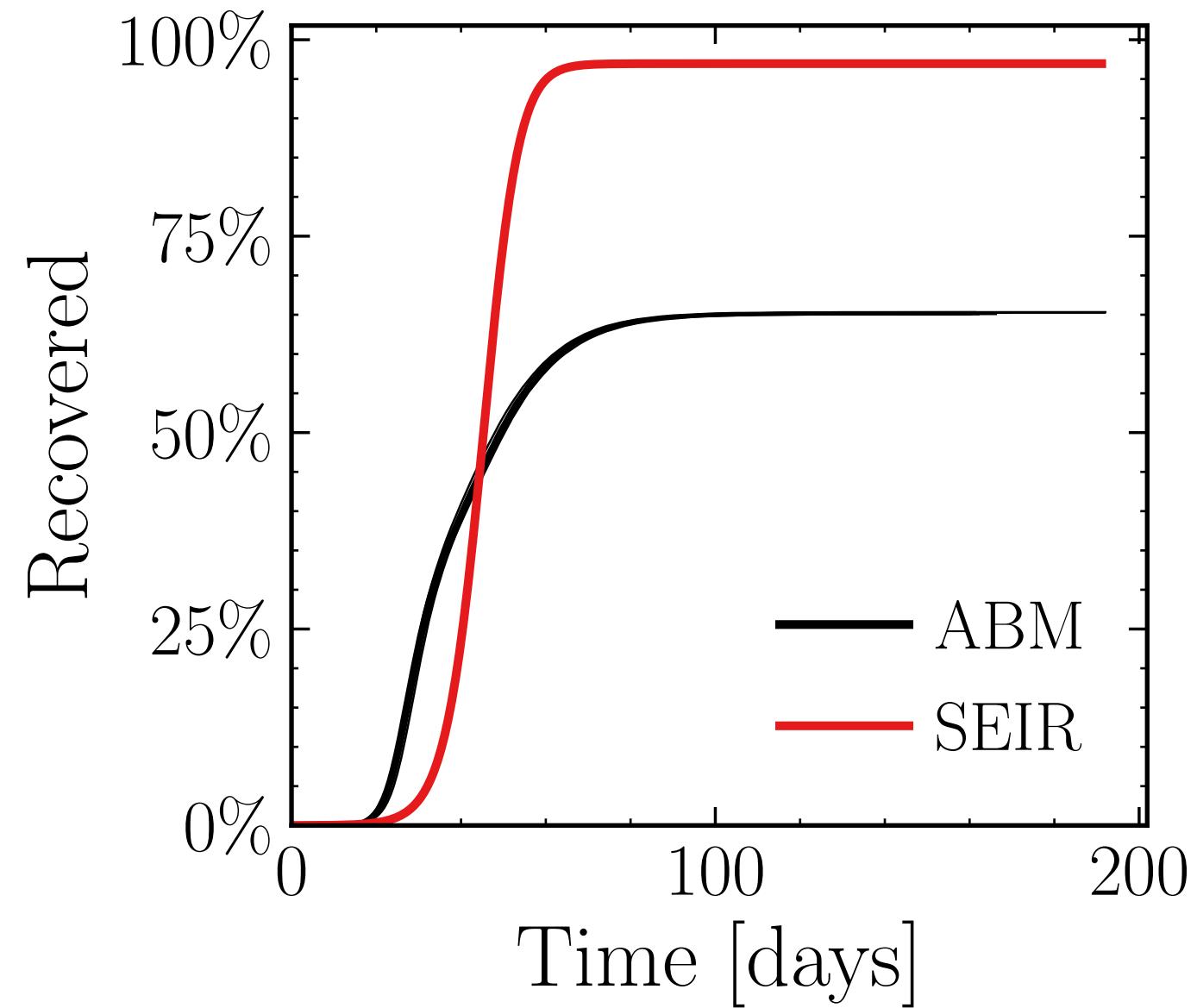
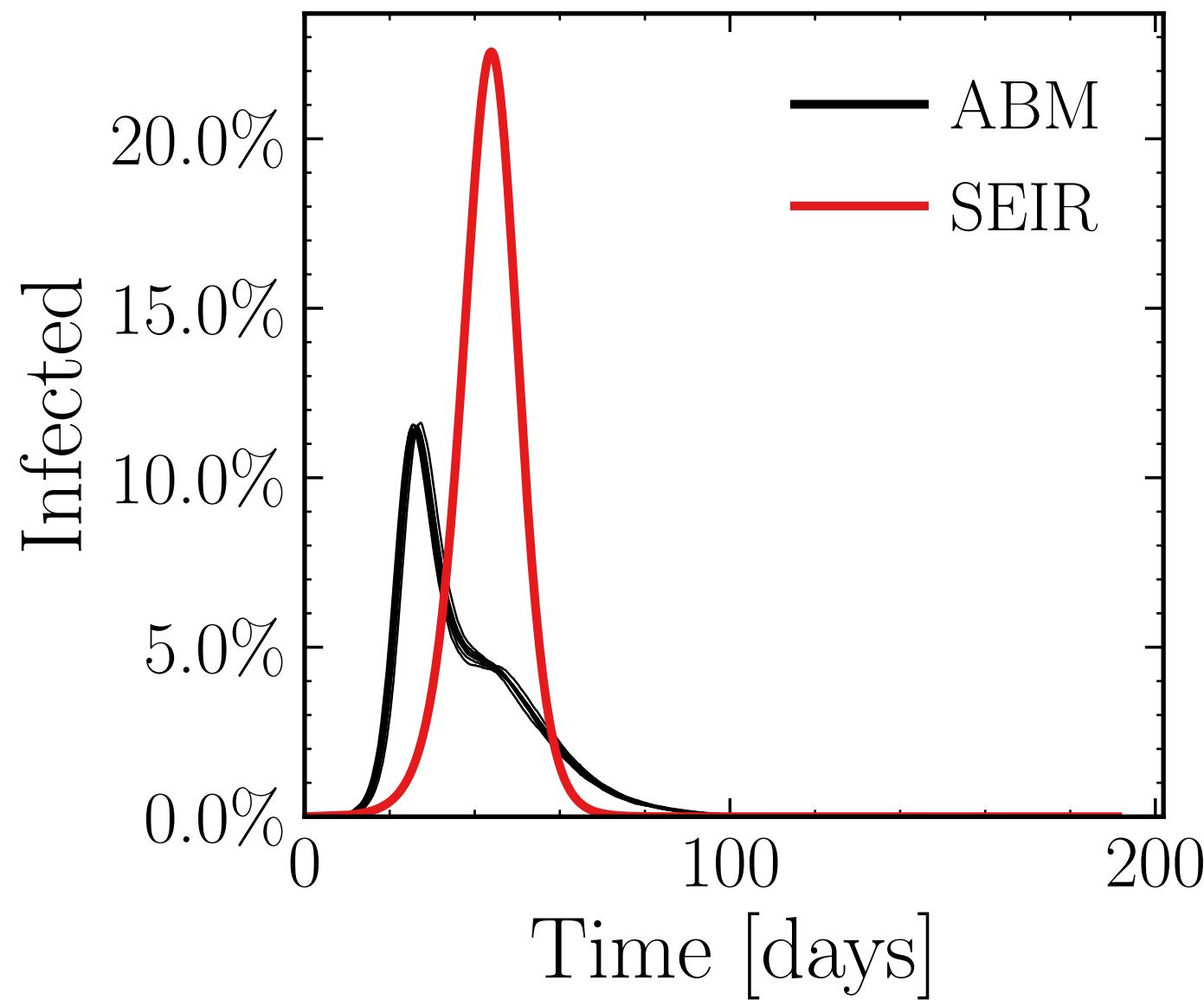
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

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

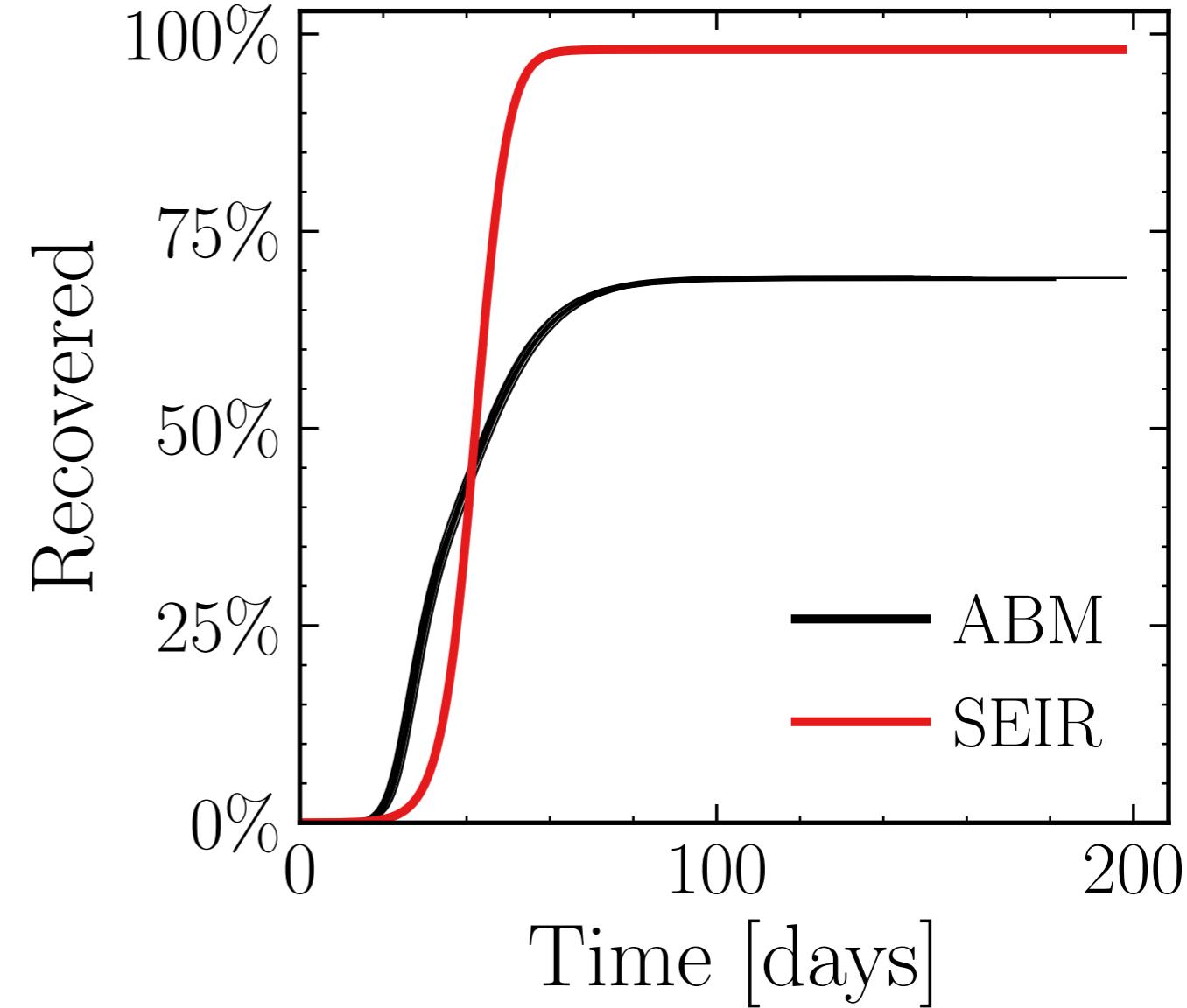
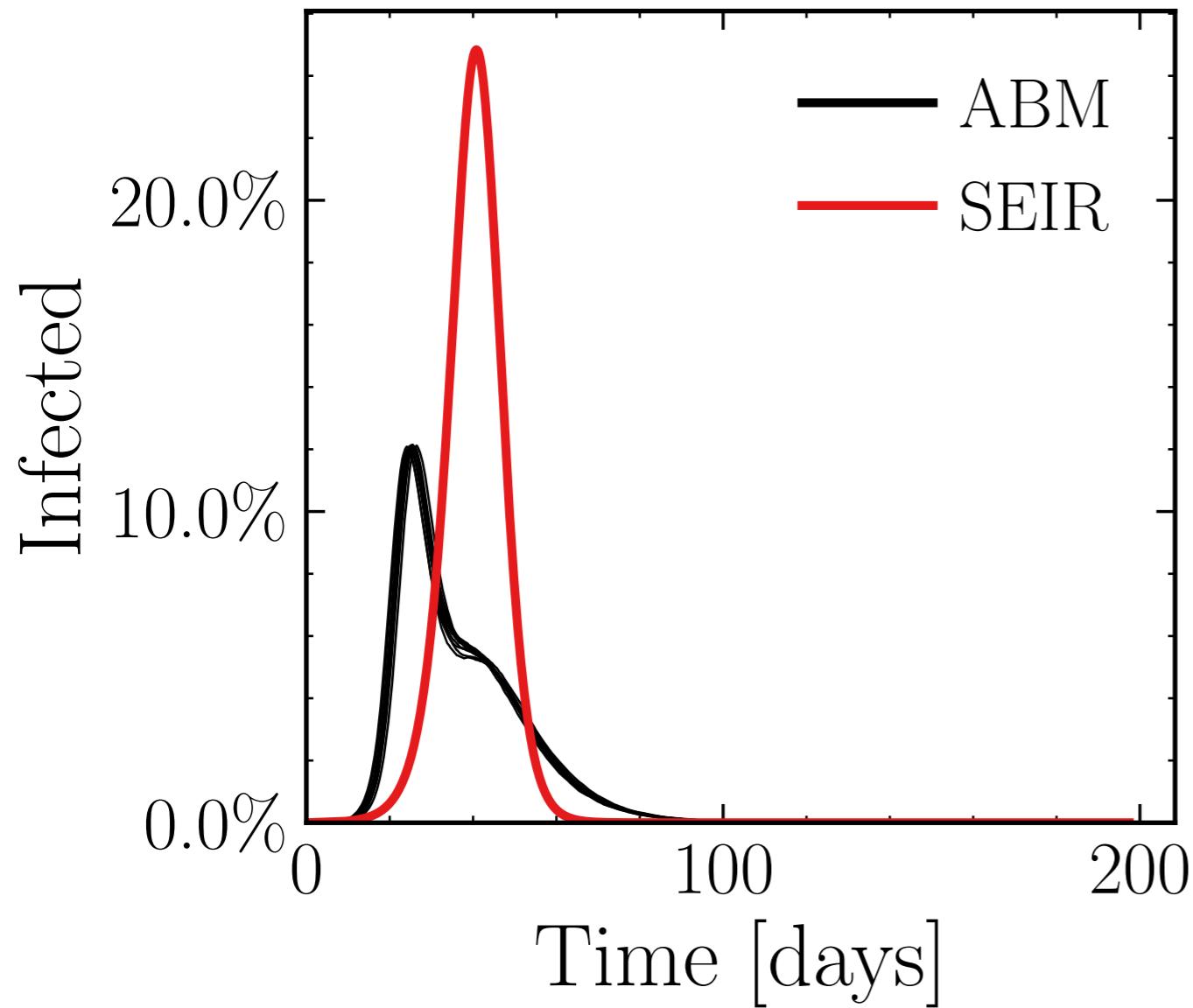
$I_{\text{peak}}^{\text{ABM}} = (66.7 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 35340c9bad, #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, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (69.9 \pm 0.19\%) \cdot 10^3$ v. = 1.0, hash = b7957224db, #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, $N_{\text{init}} = 100$

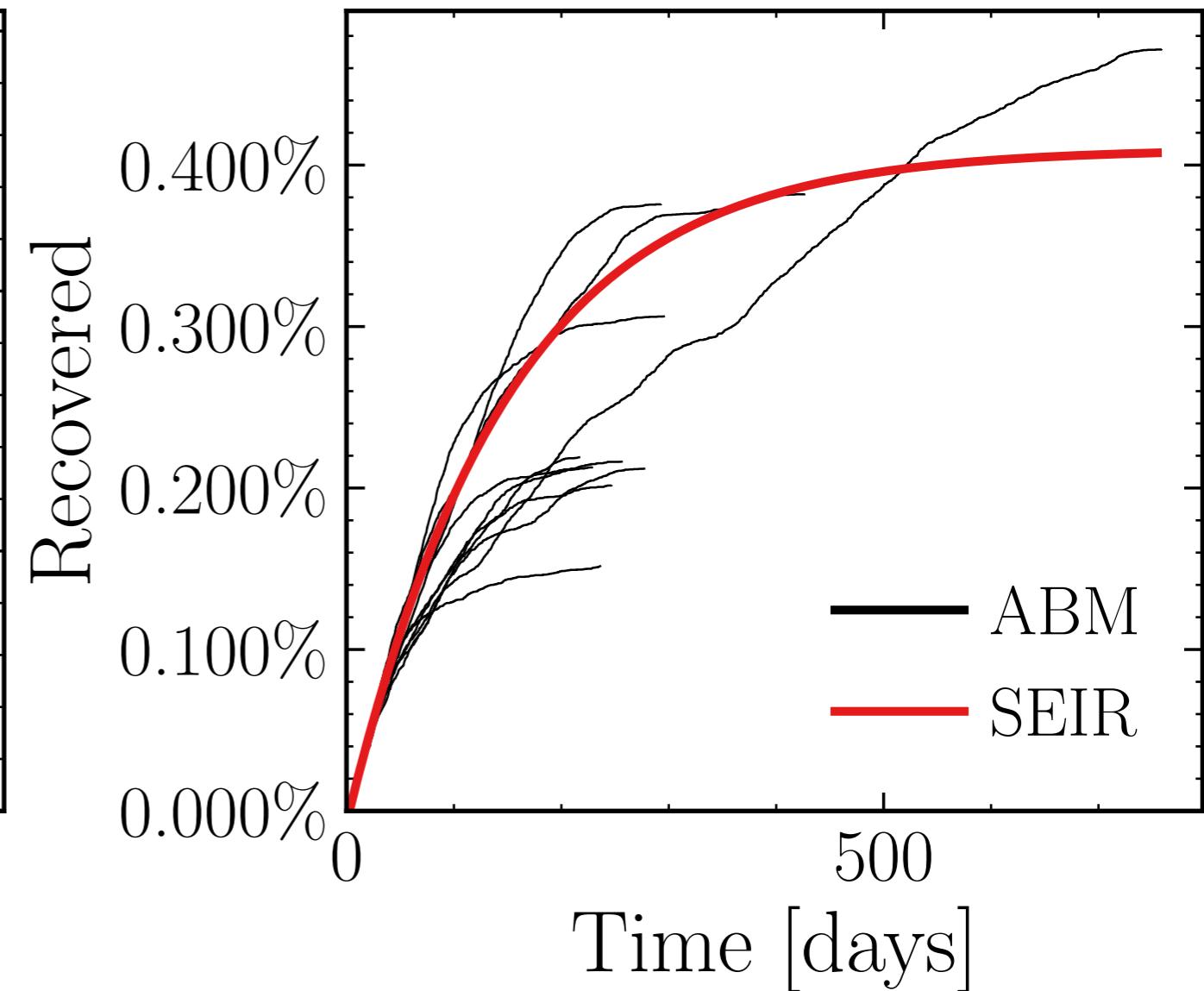
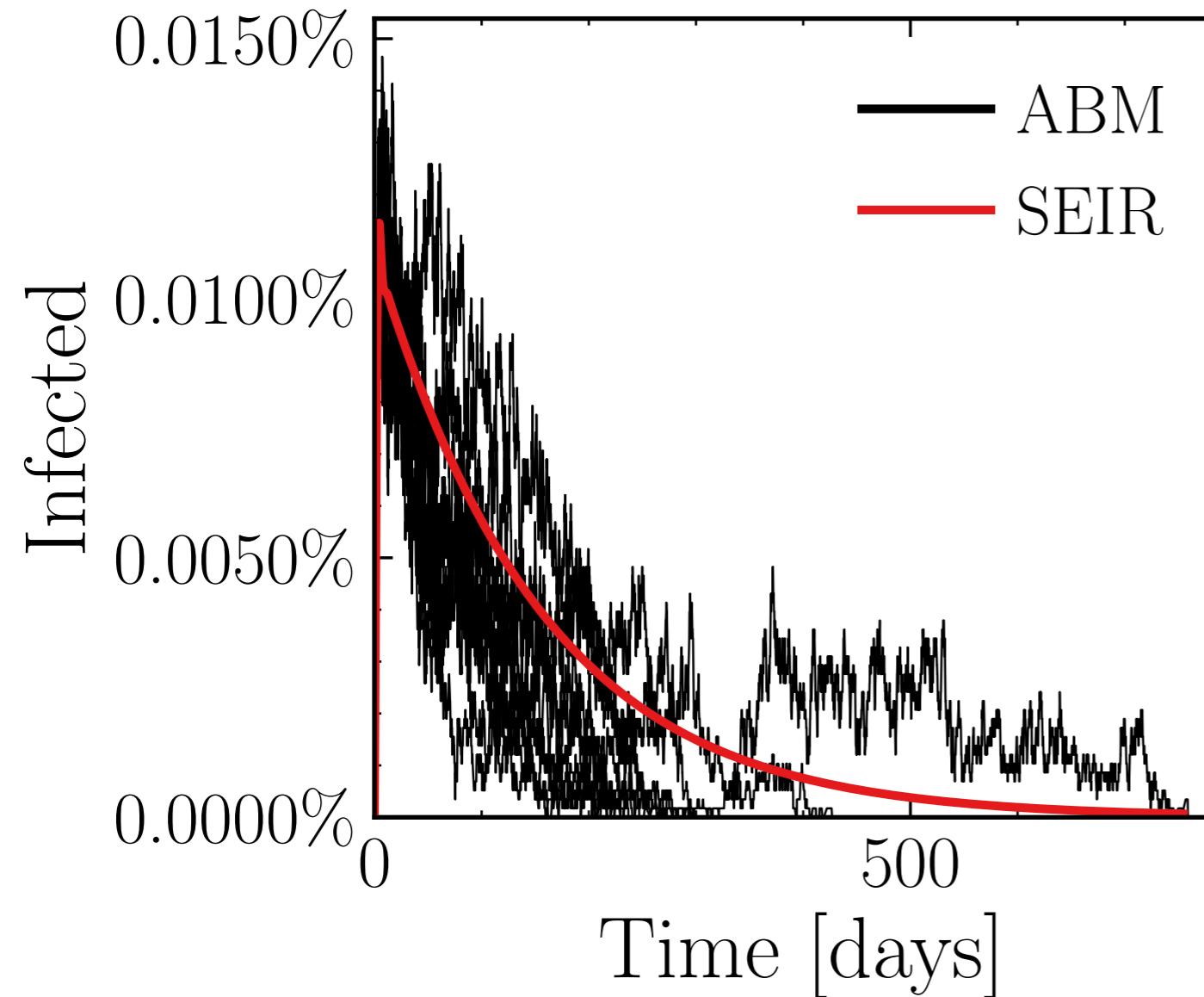
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{connect}} = 0$

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

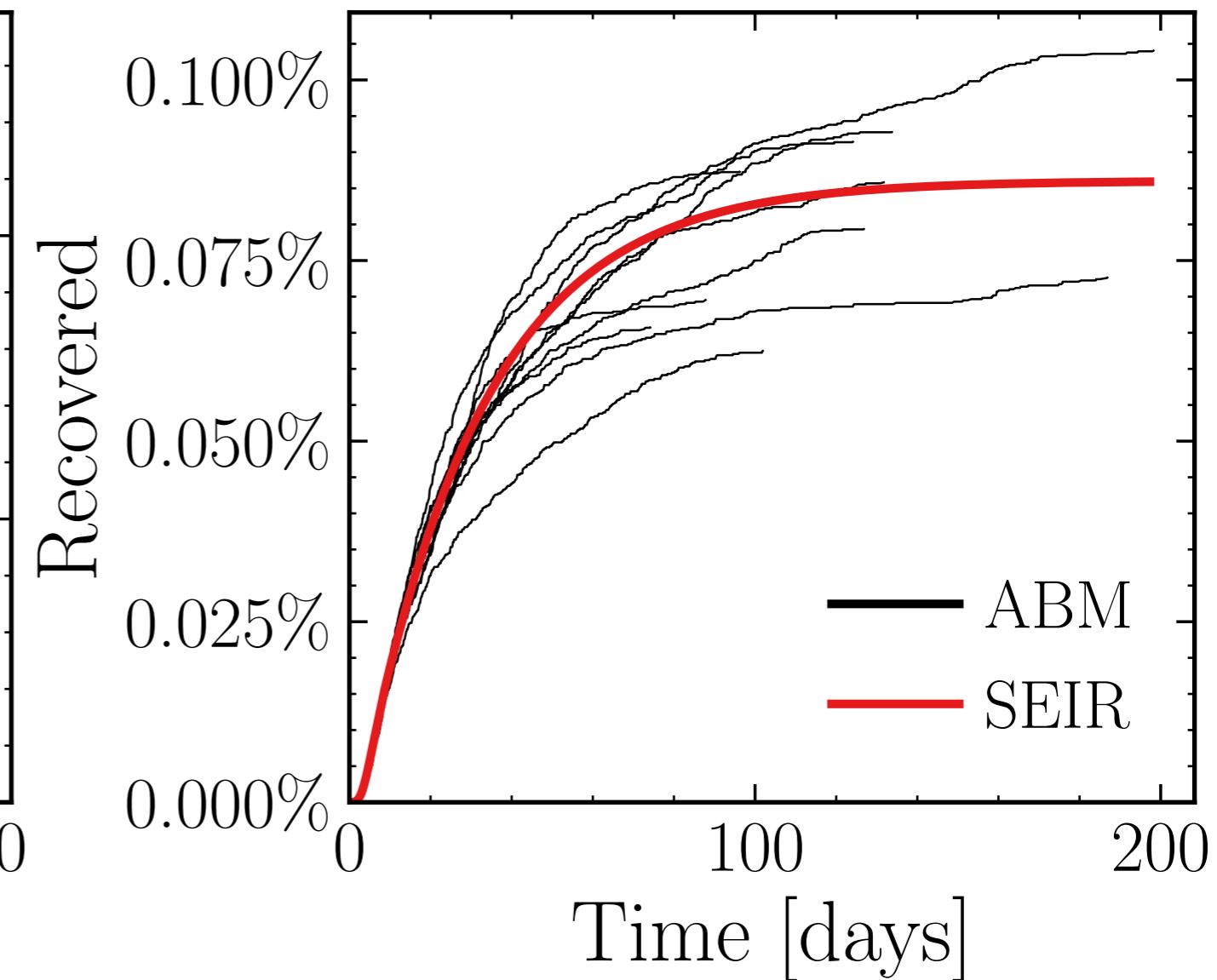
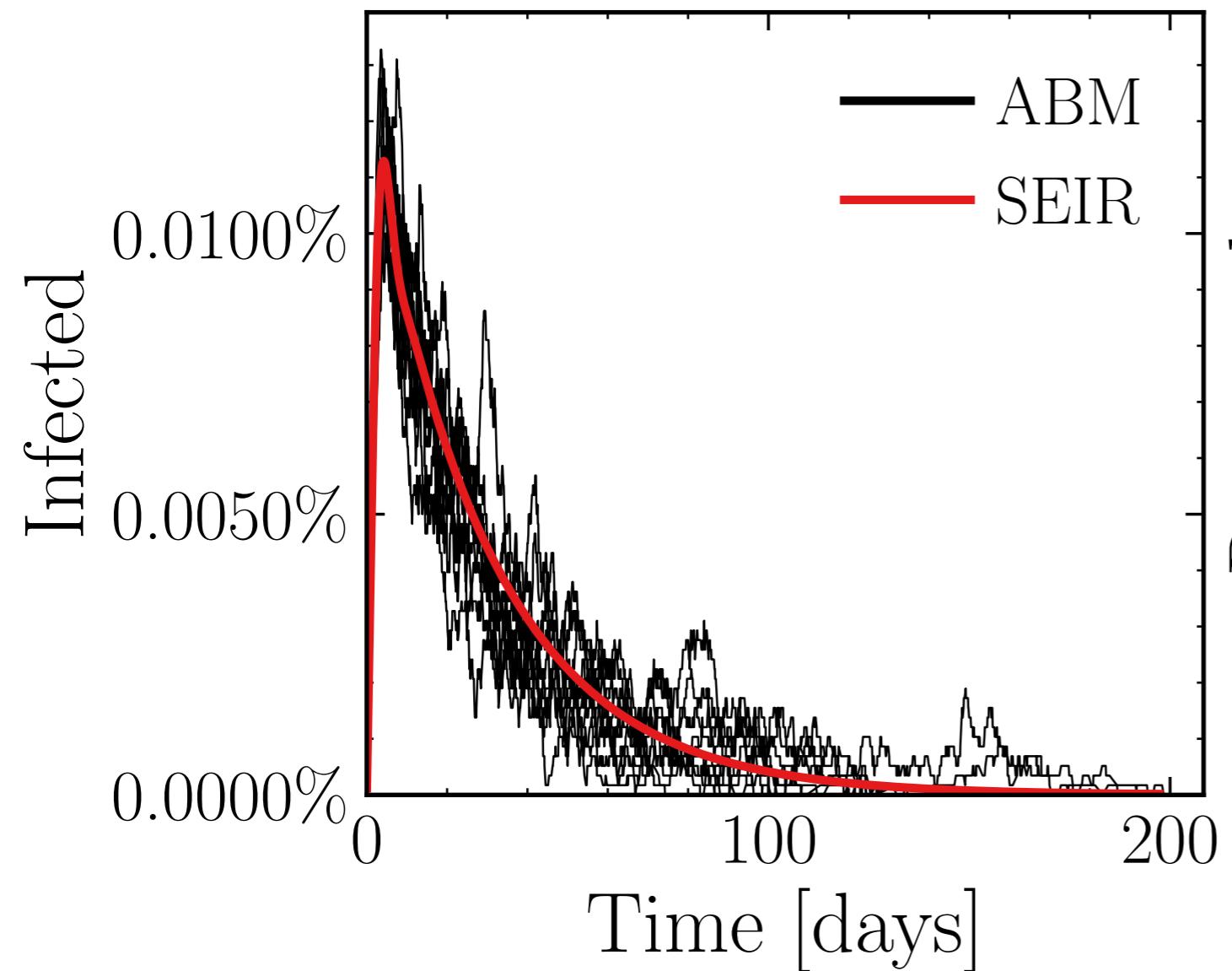
$I_{\text{peak}}^{\text{ABM}} = (75 \pm 2.7\%)$.

v. = 1.0, hash = 35824e468d, #10

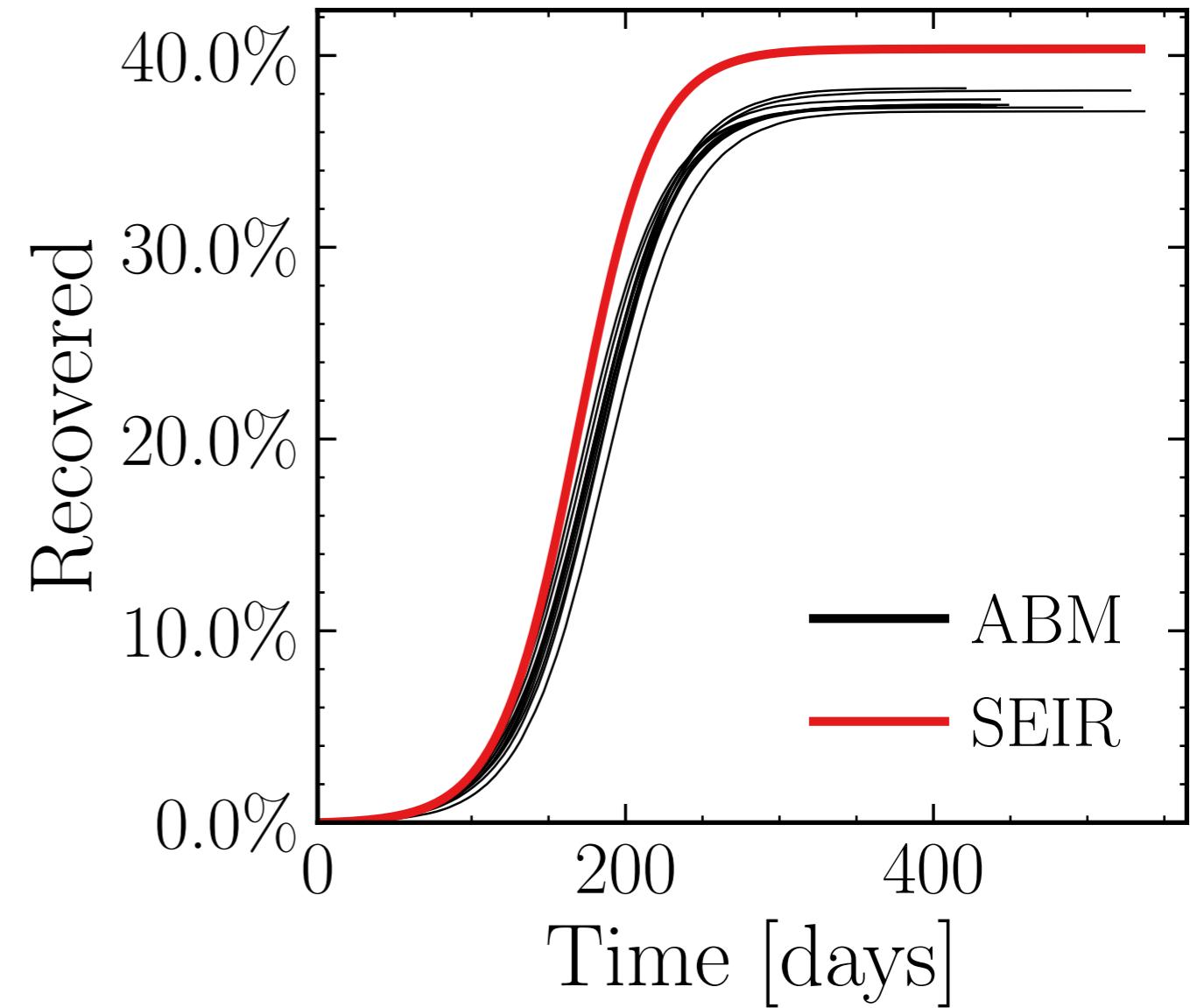
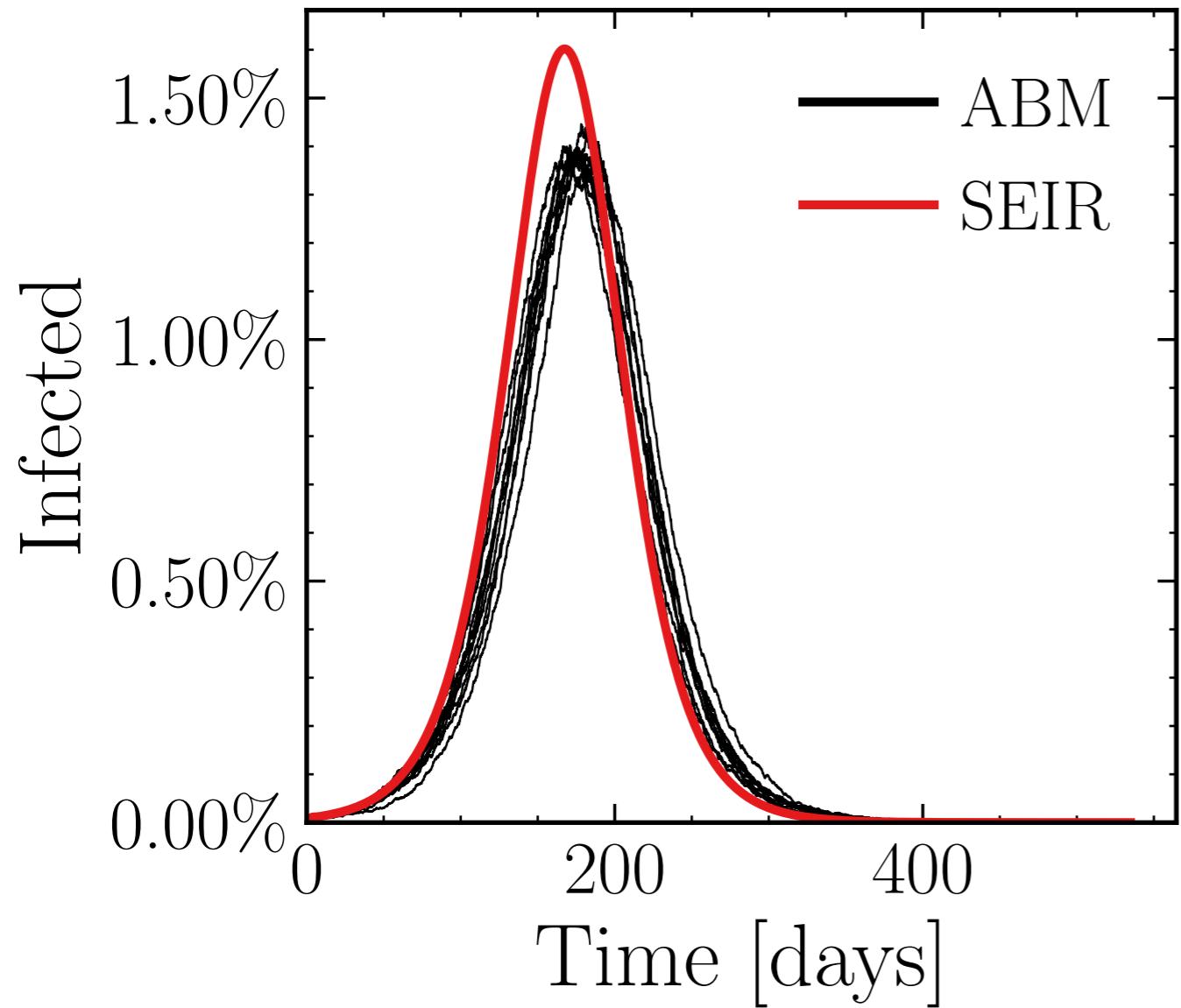
$R_\infty^{\text{ABM}} = (1.6 \pm 1.1e + 01\%) \cdot 10^3$



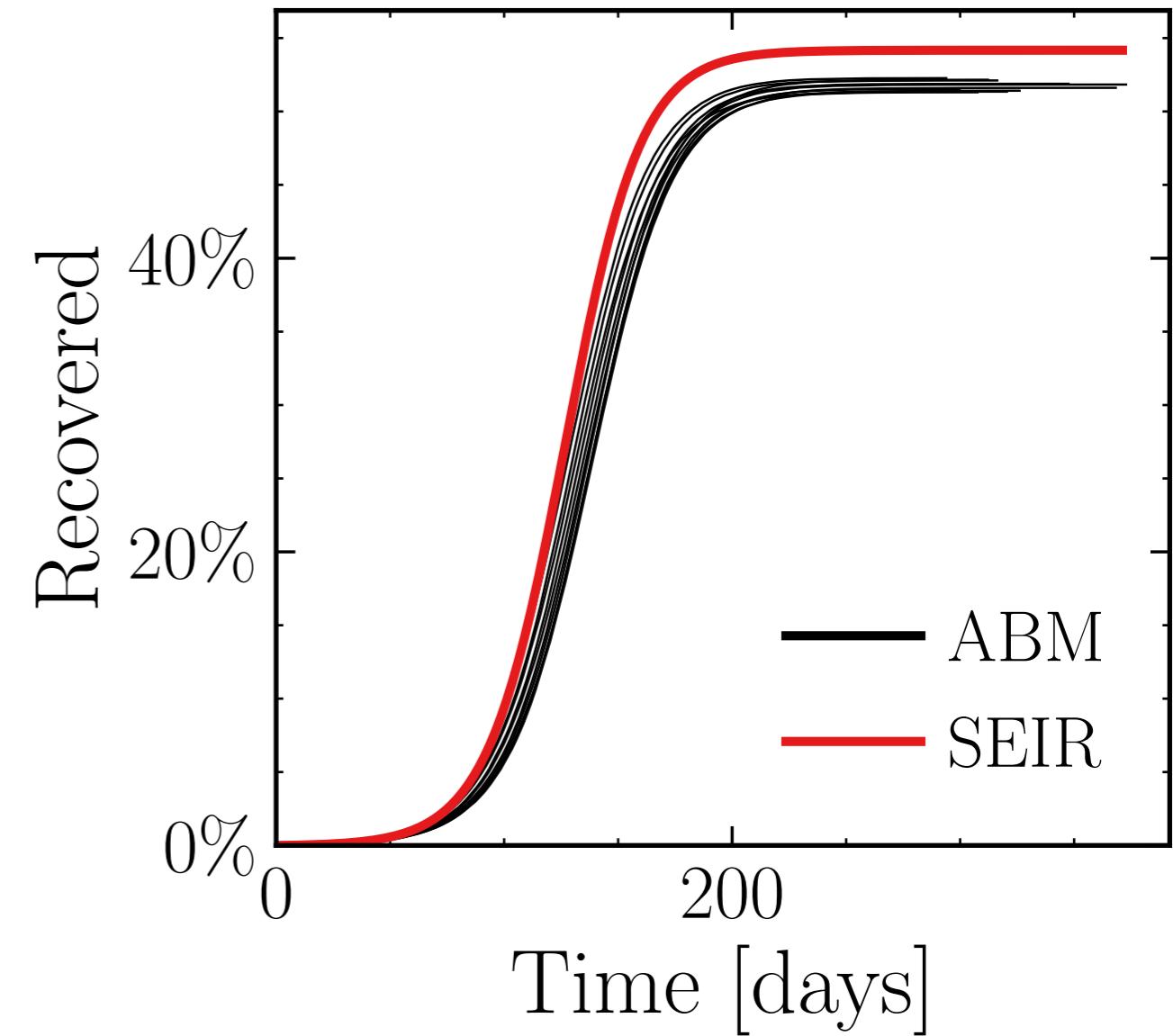
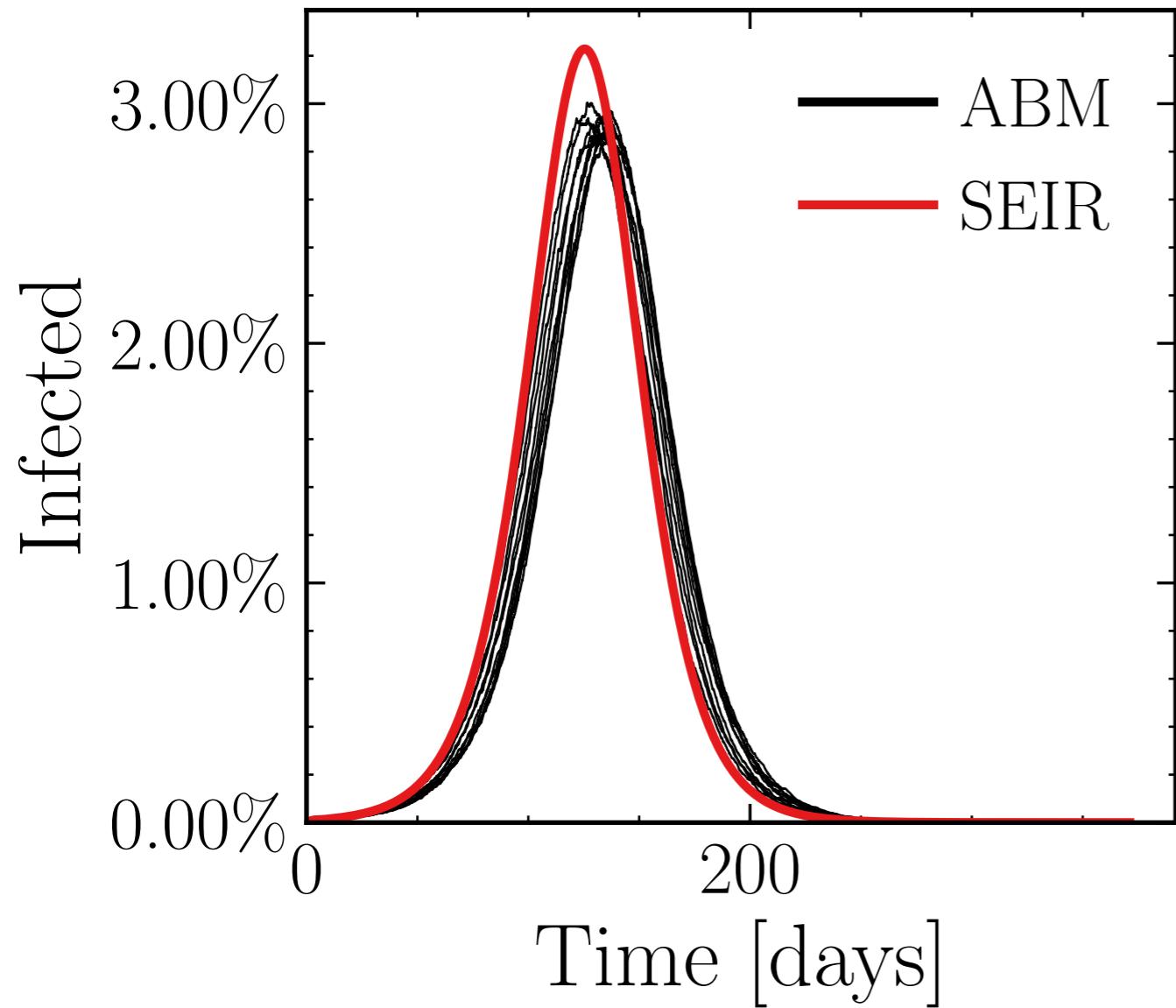
$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (69 \pm 2.2\%)$. v. = 1.0, hash = c08aedb747, #10 $R_\infty^{\text{ABM}} = (470 \pm 5.0\%)$.



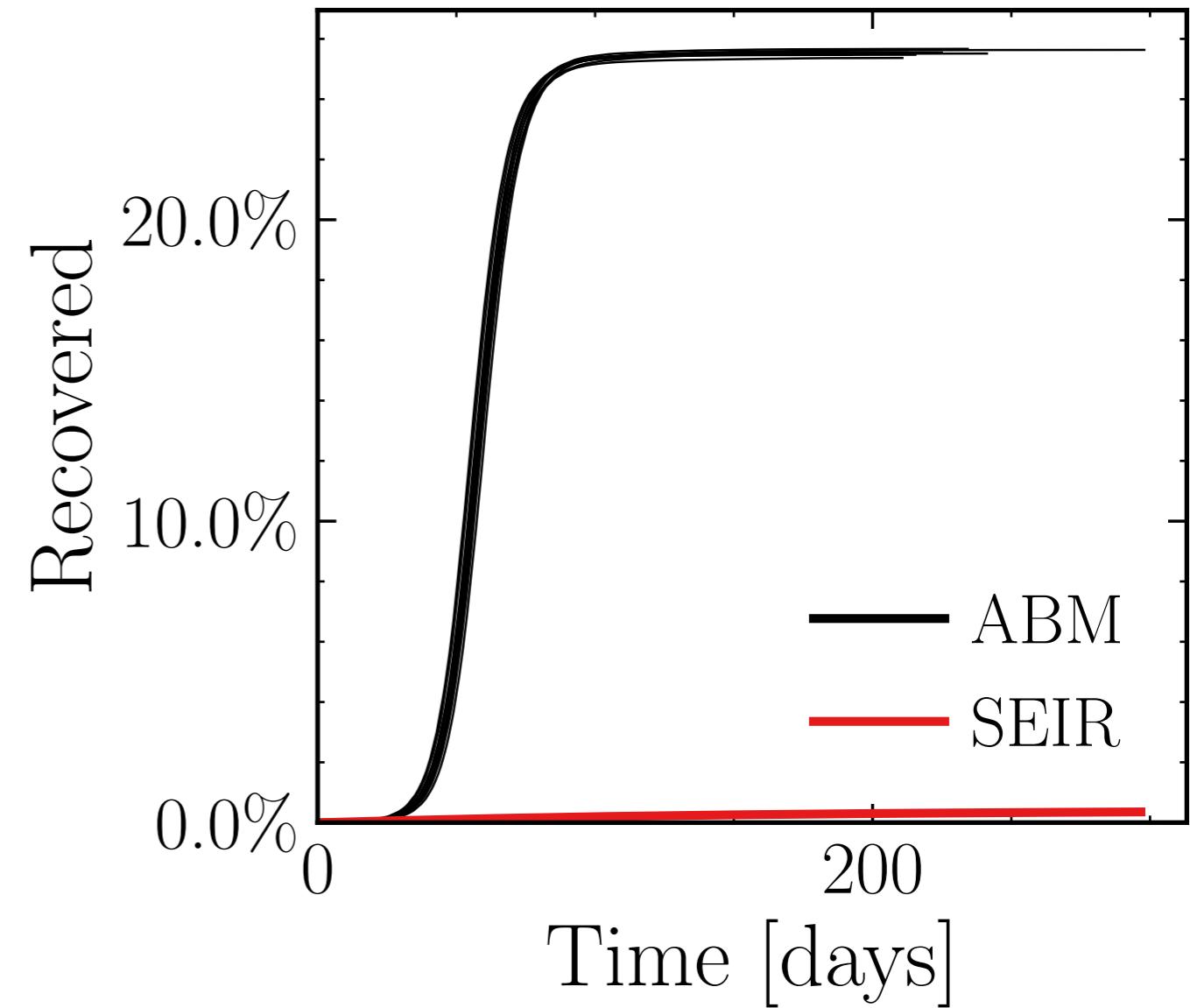
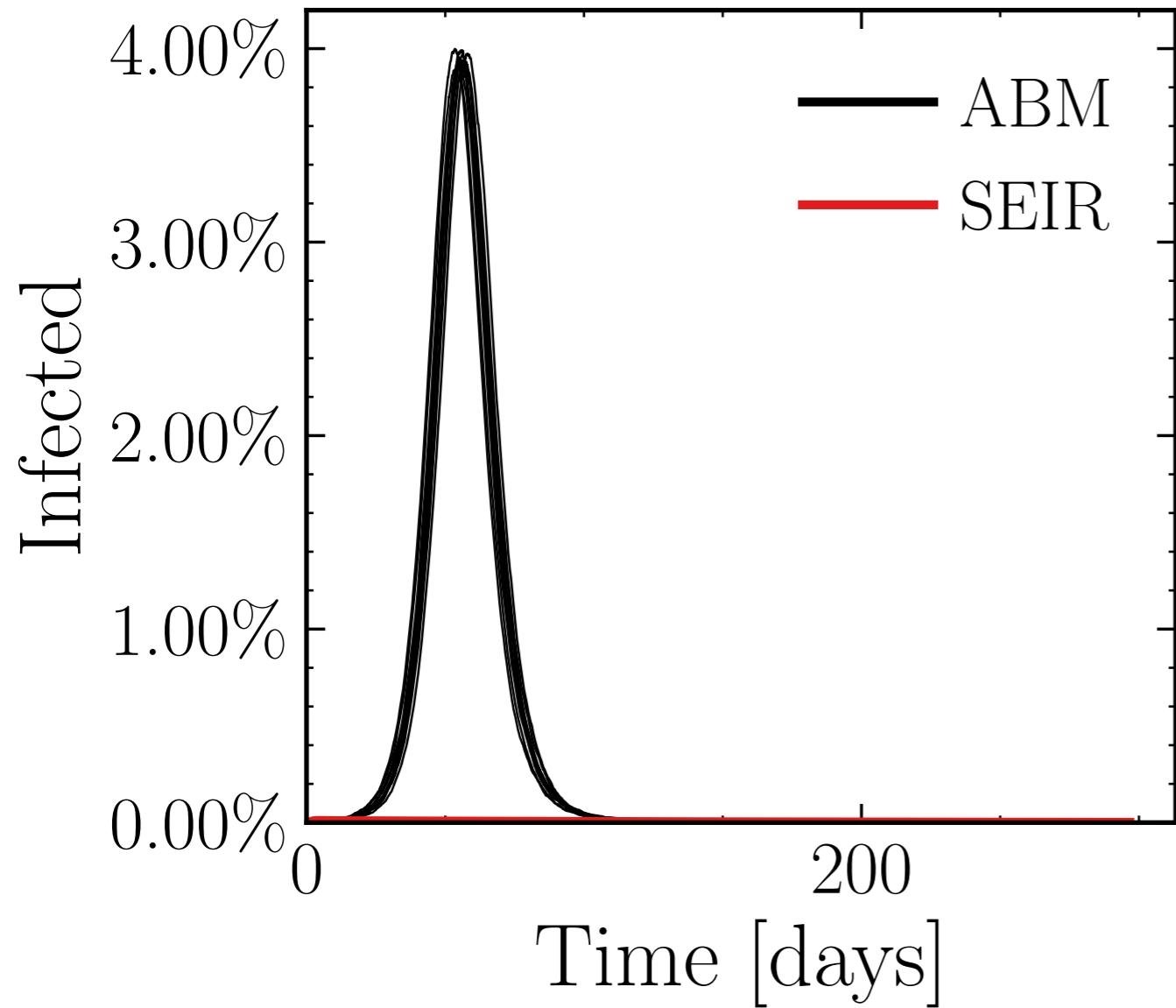
$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.008$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (8.07 \pm 0.63\%) \cdot 10^3$ v. = 1.0, hash = 349fa151a2, #10
 $R_\infty^{\text{ABM}} = (217.8 \pm 0.31\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.009$, $\sigma_\beta = 0.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (16.94 \pm 0.48\%) \cdot 10^3$ v. = 1.0, hash = 0d62f89a91, #10 $R_\infty^{\text{ABM}} = (300.1 \pm 0.21\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.006$, $\sigma_\beta = 0.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (22.92 \pm 0.24\%) \cdot 10^3$ v. = 1.0, hash = f56dfb988d, #10
 $R_\infty^{\text{ABM}} = (148.1 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

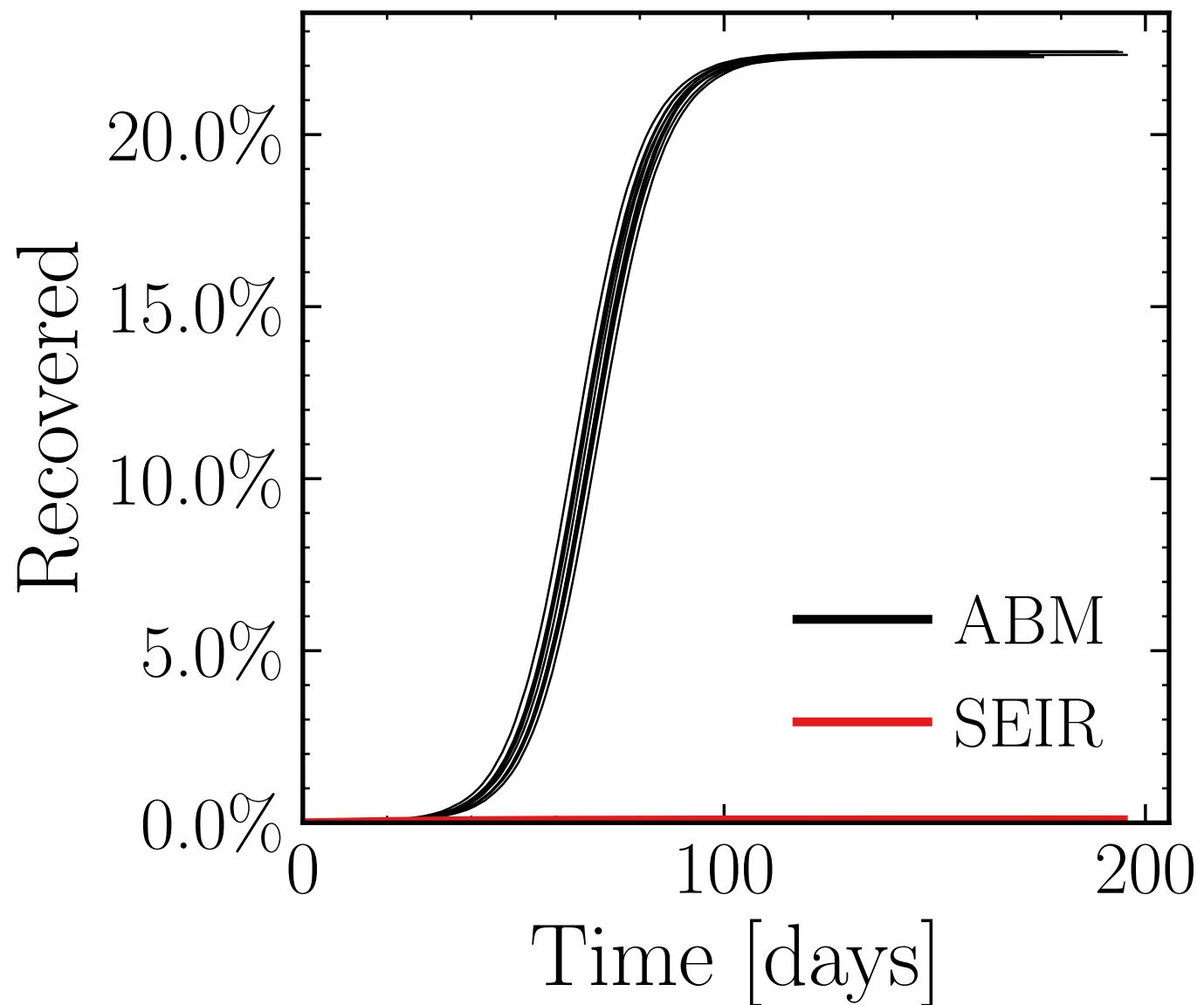
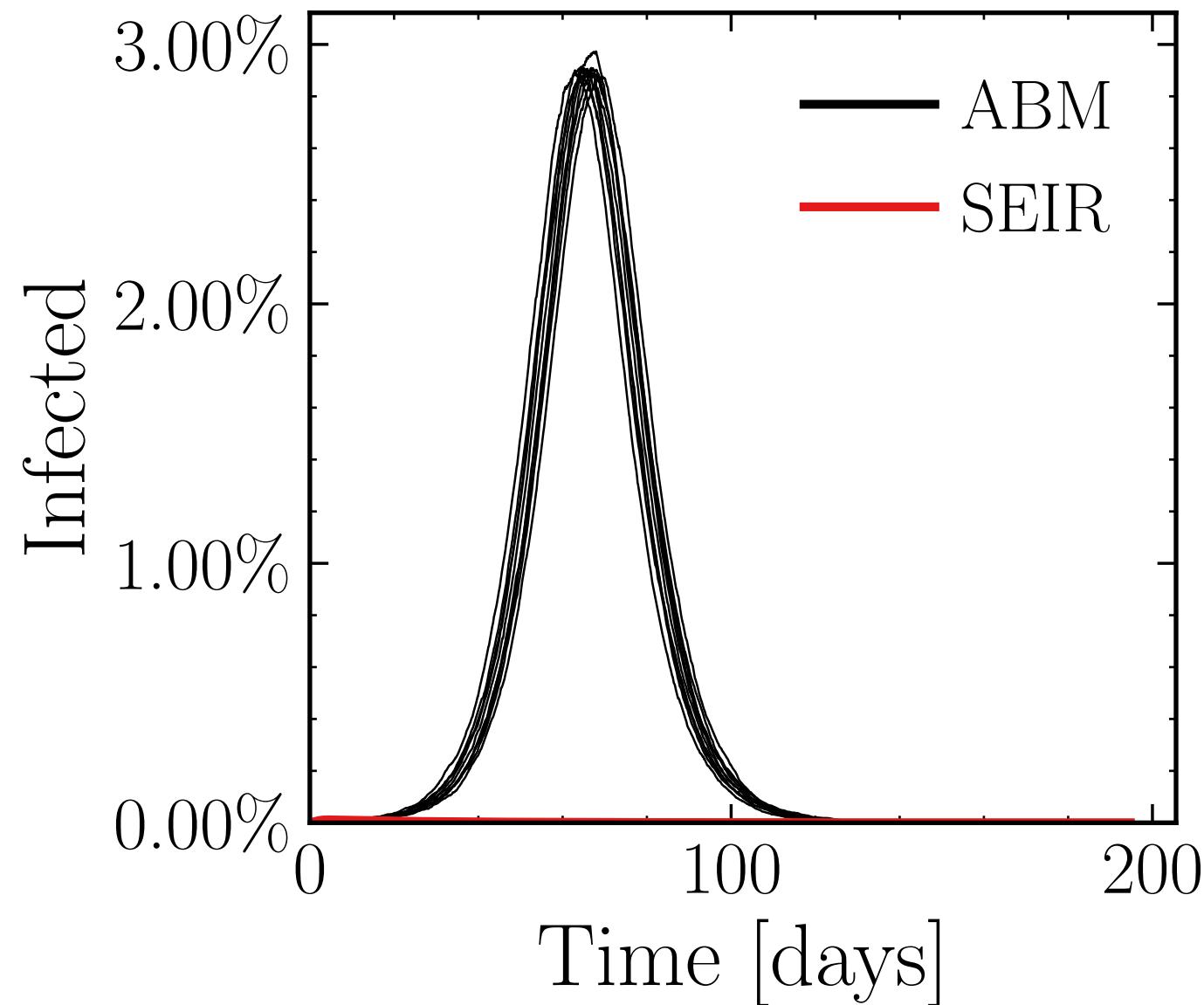
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (16.84 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 8f7604d47e, #10

$R_\infty^{\text{ABM}} = (129.65 \pm 0.069\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.008$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

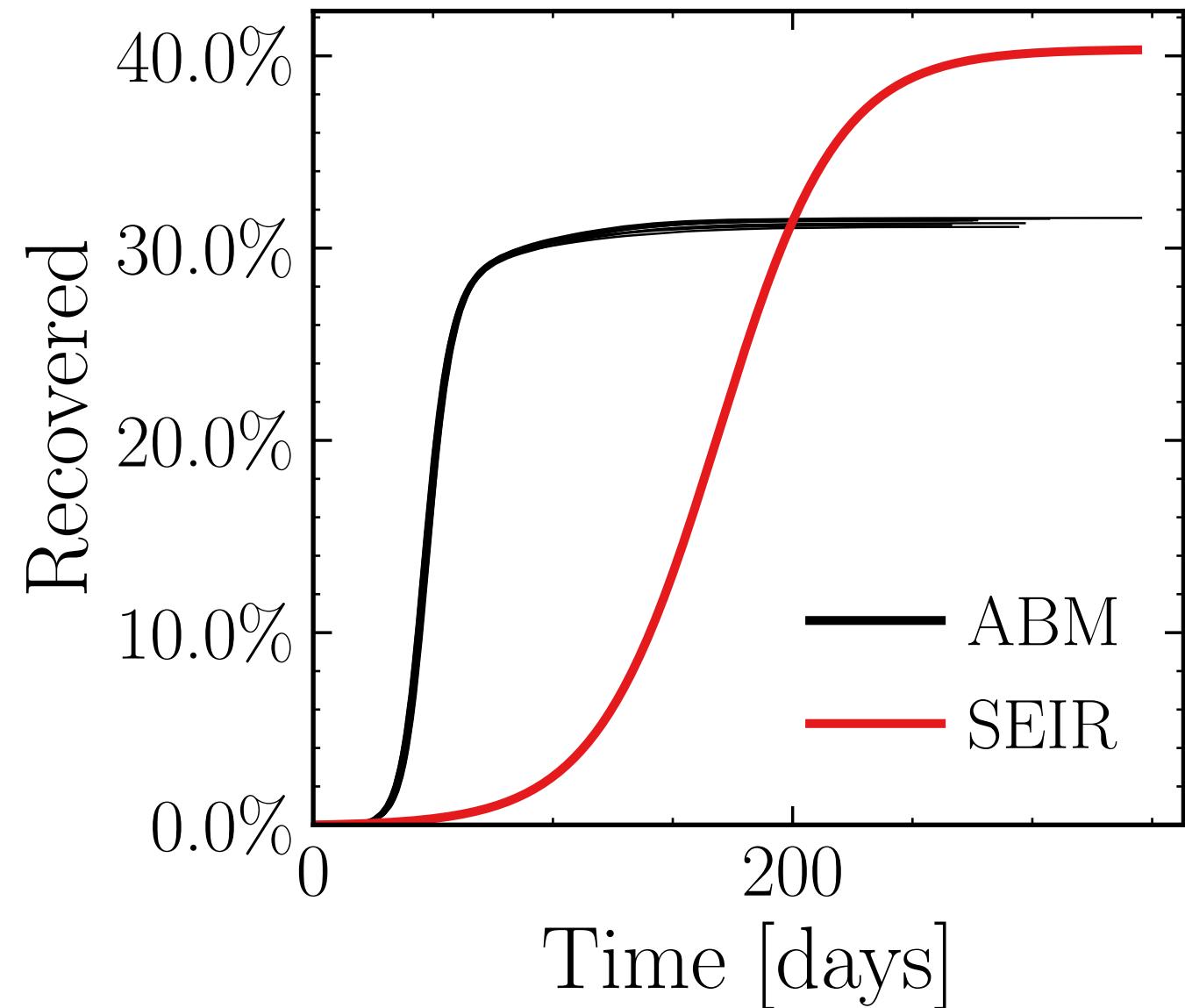
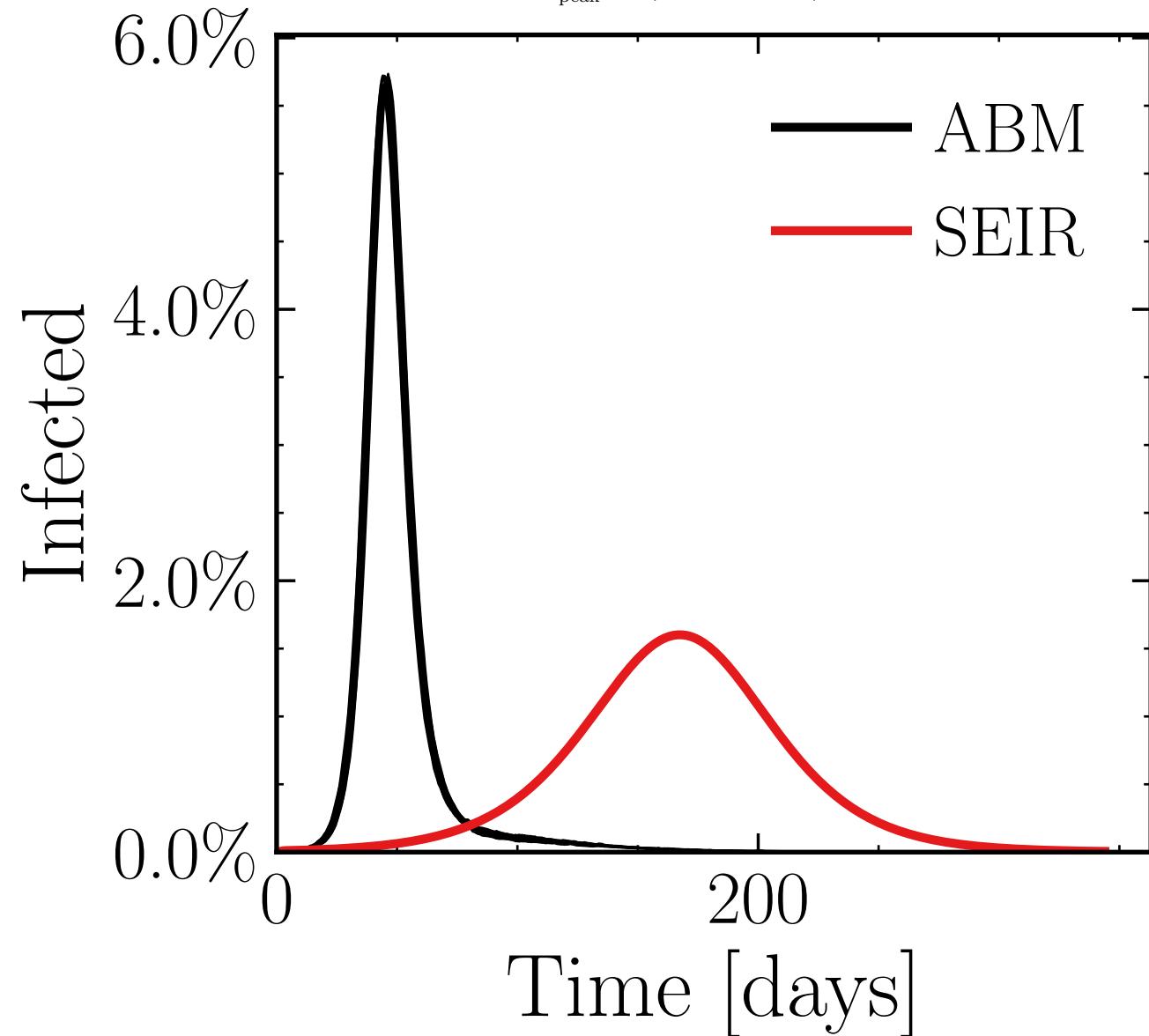
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (32.97 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = b8b93a9a3f, #10

$R_\infty^{\text{ABM}} = (182.1 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.009$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

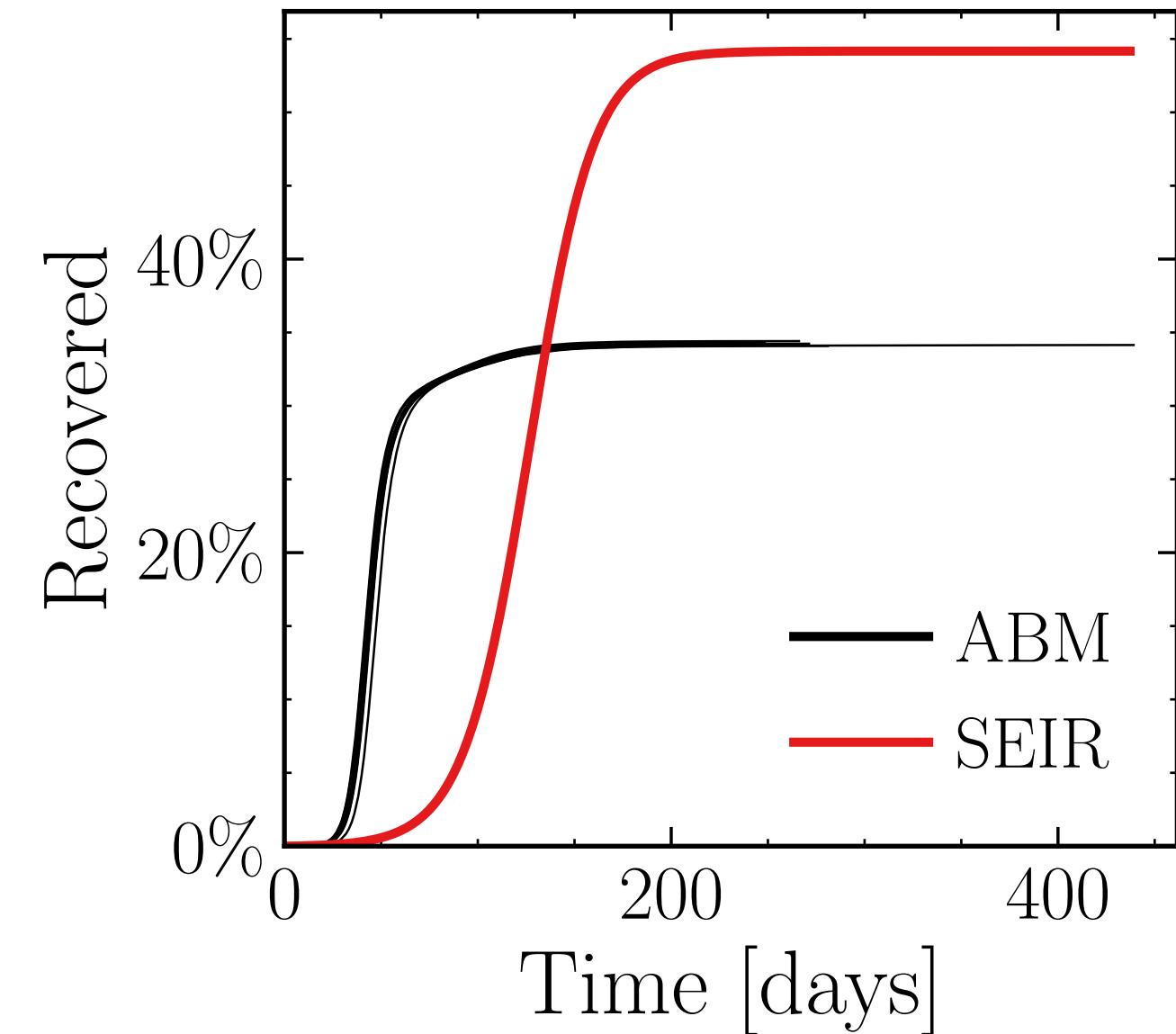
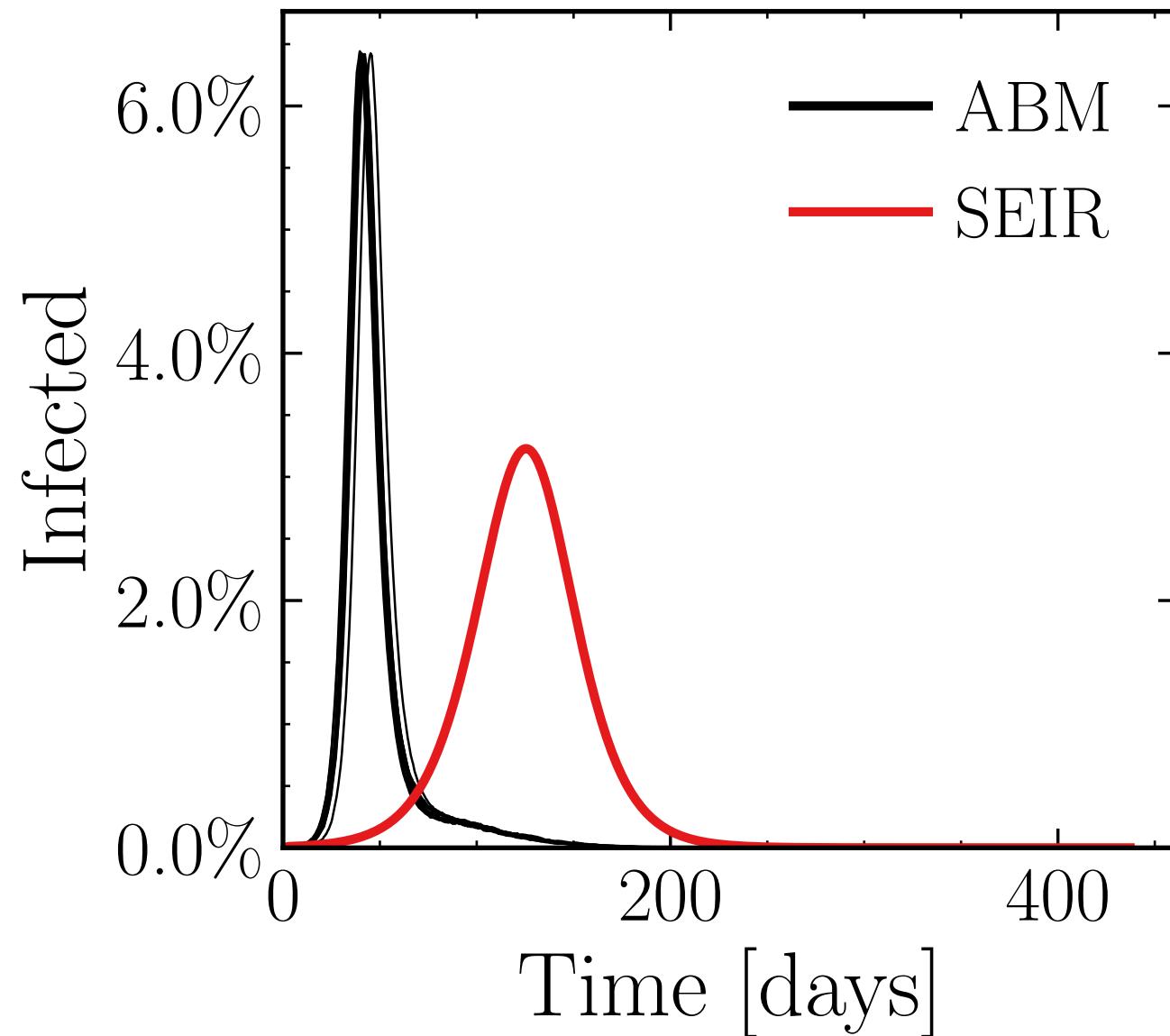
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (37.08 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 968c87d732, #10

$R_\infty^{\text{ABM}} = (198.5 \pm 0.089\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

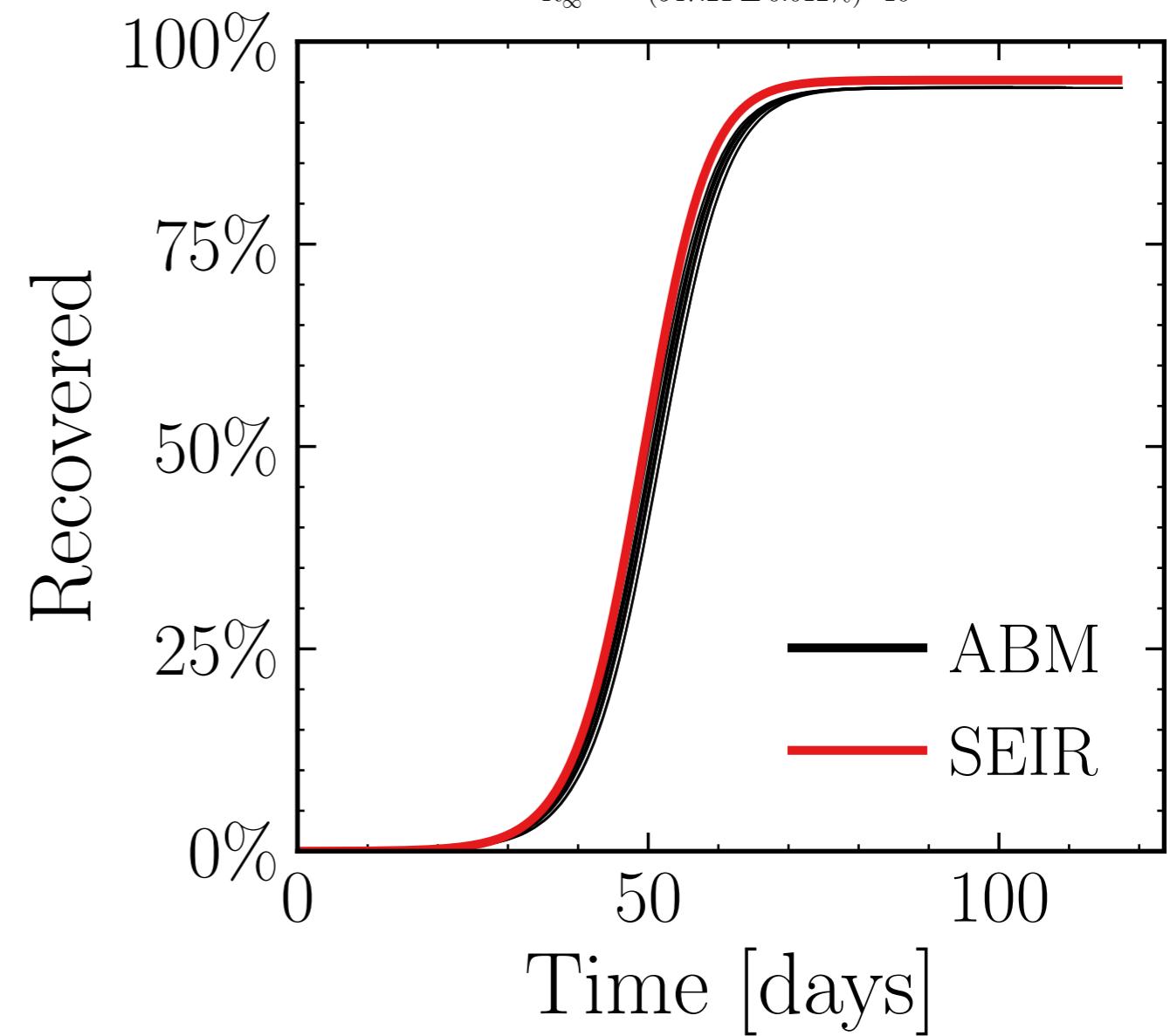
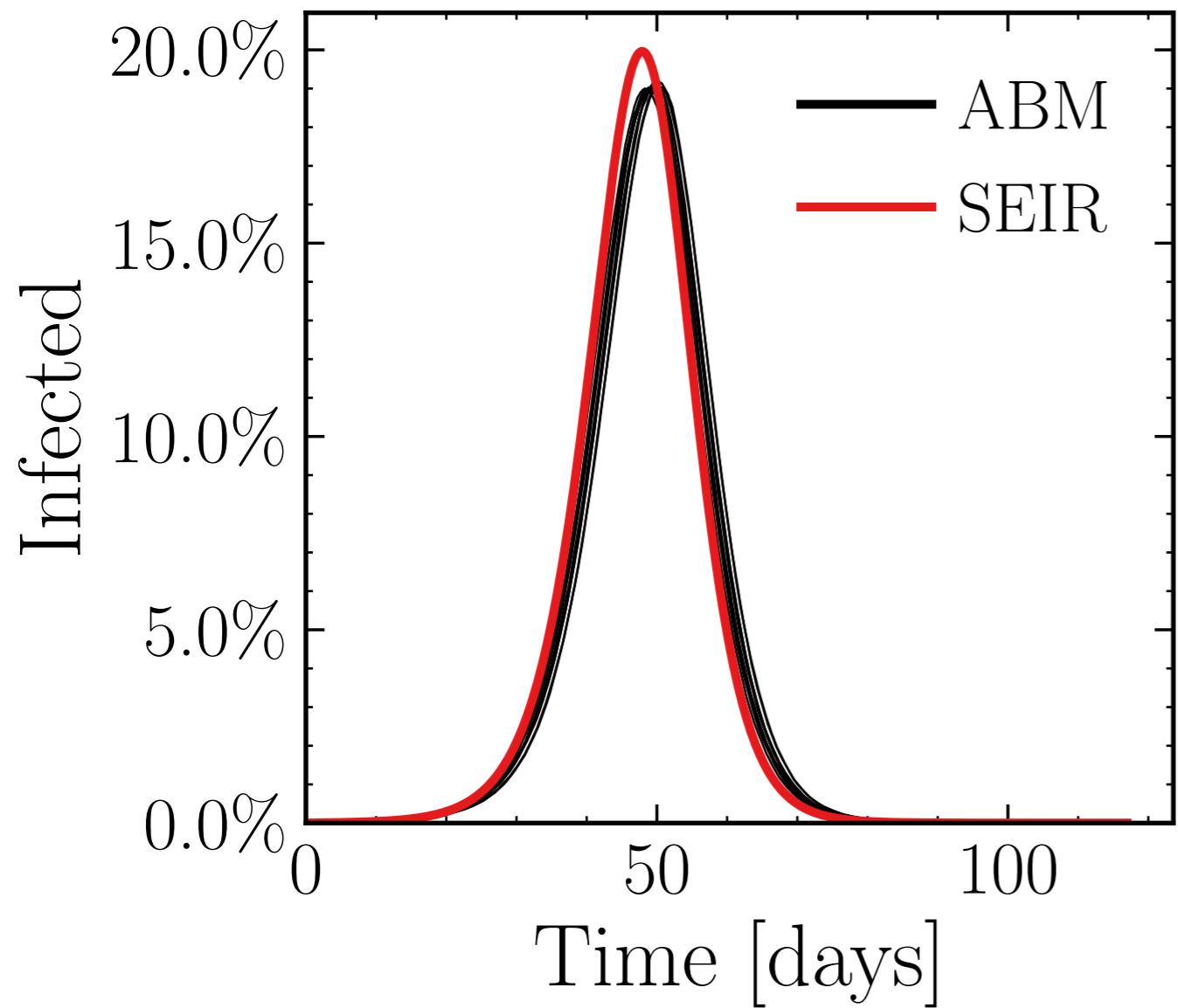
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (110.5 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = e4c9fe85d0, #10

$R_\infty^{\text{ABM}} = (547.21 \pm 0.012\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

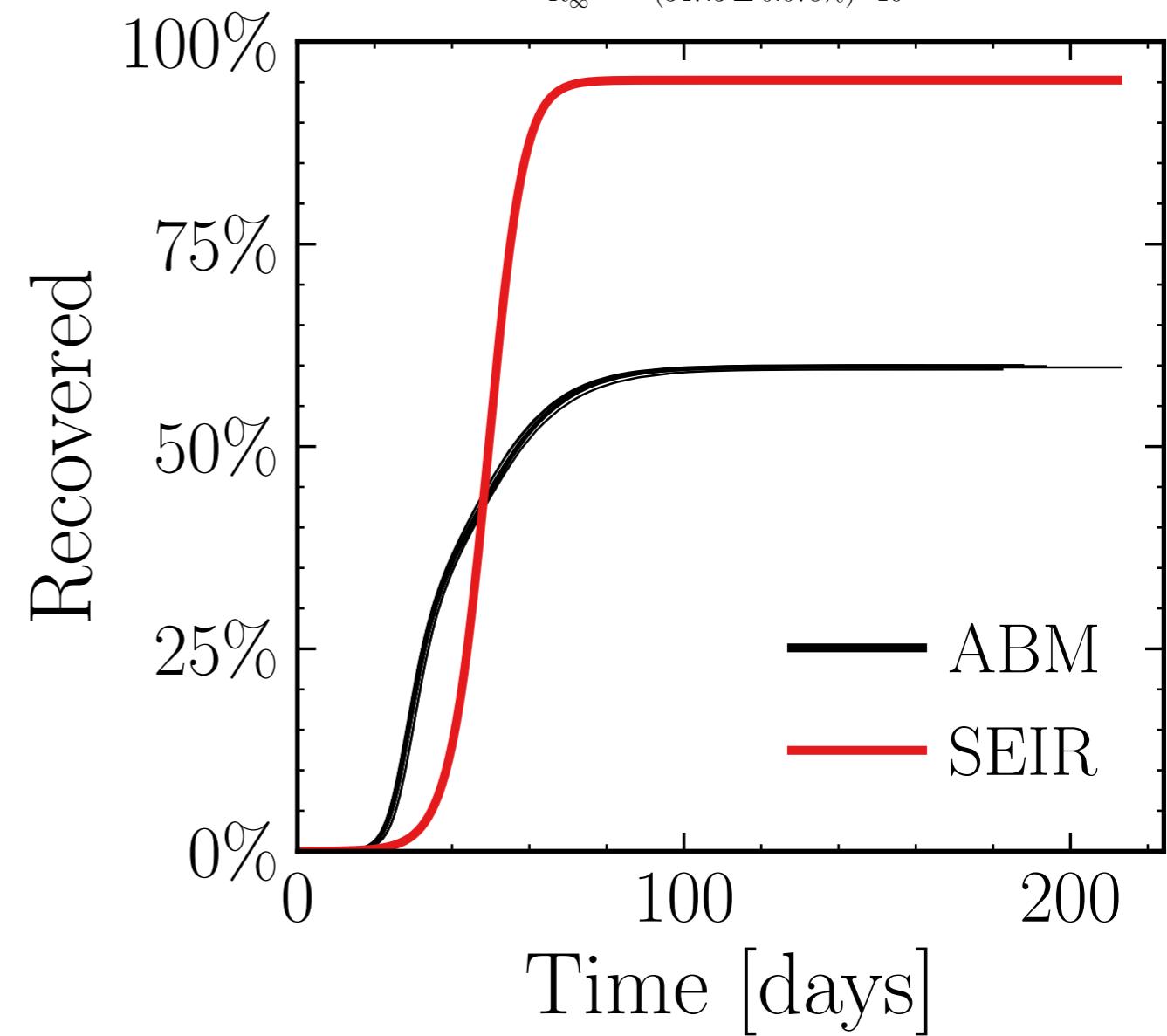
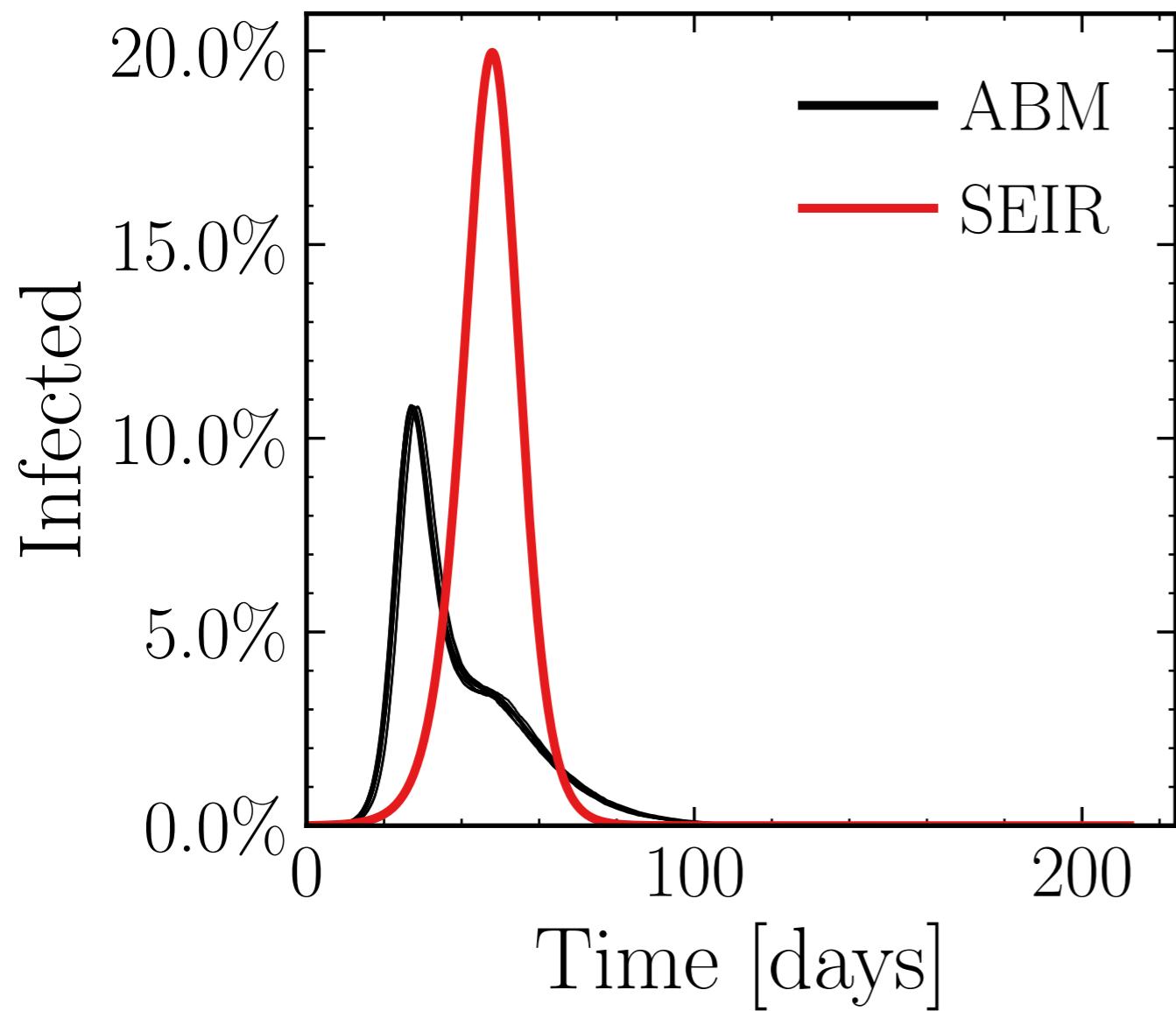
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (62.61 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = f9e7043d81, #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, $N_{\text{init}} = 100$

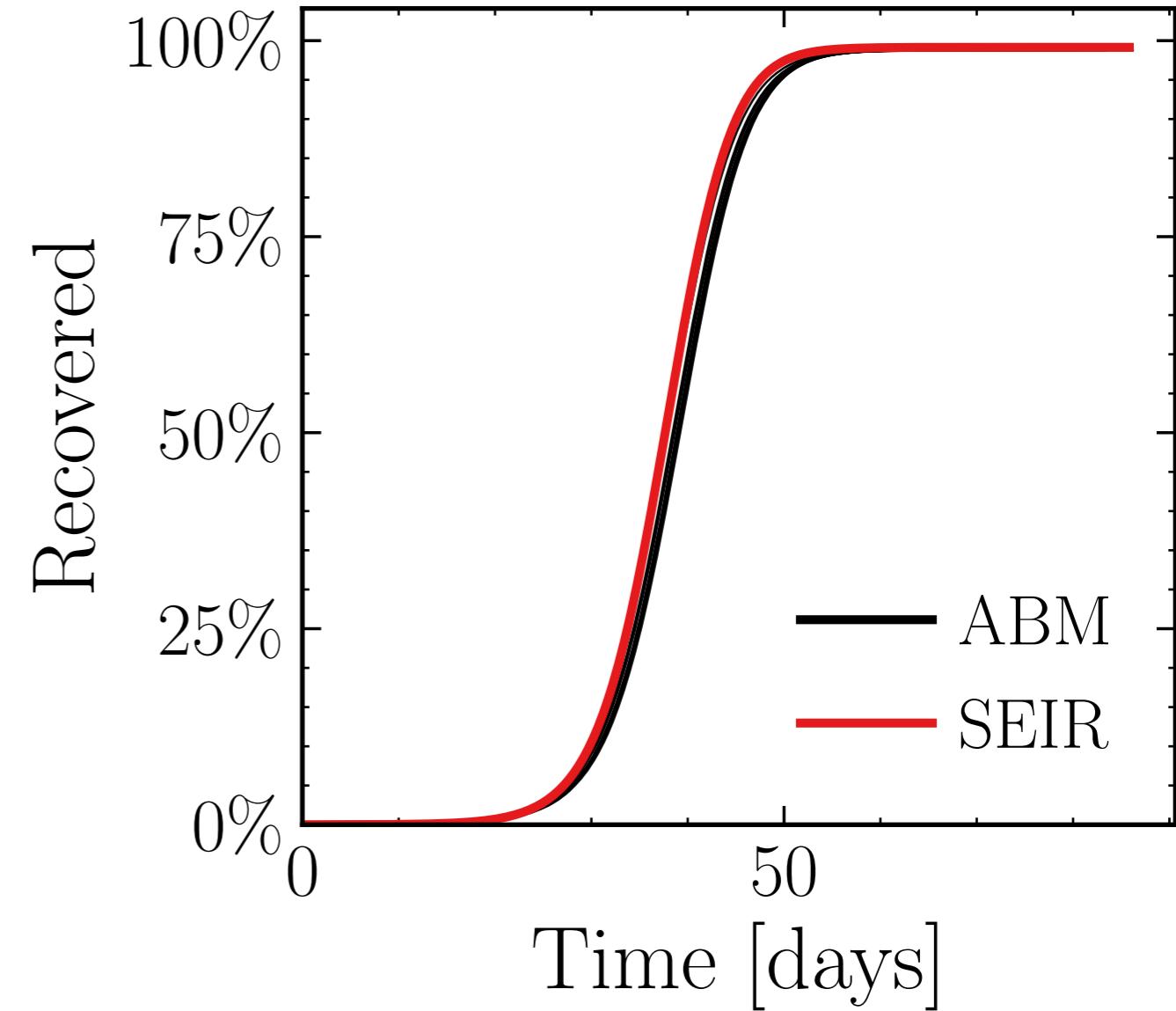
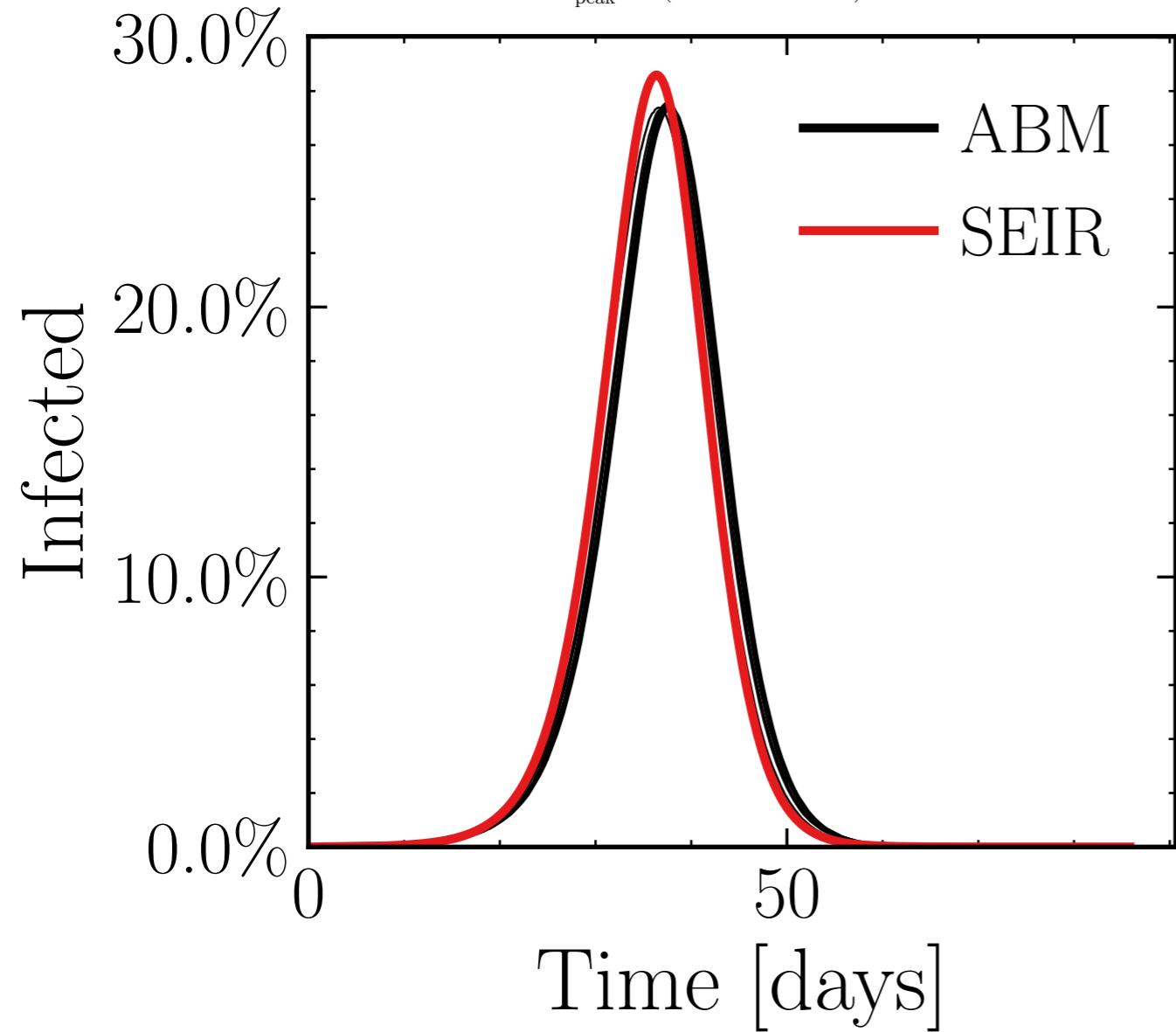
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (159.2 \pm 0.077\%) \cdot 10^3$

v. = 1.0, hash = 1fddc3e03a, #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, $N_{\text{init}} = 100$

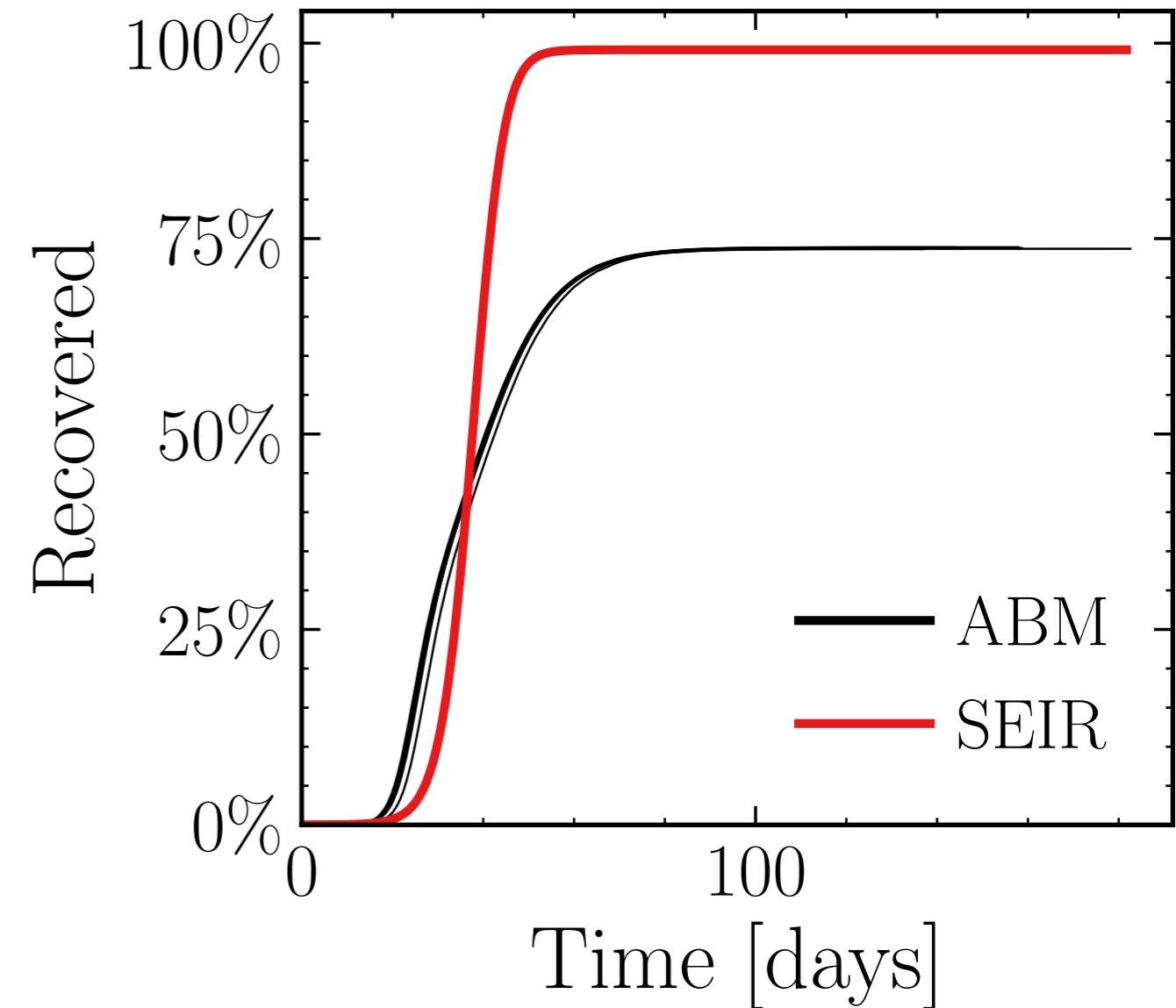
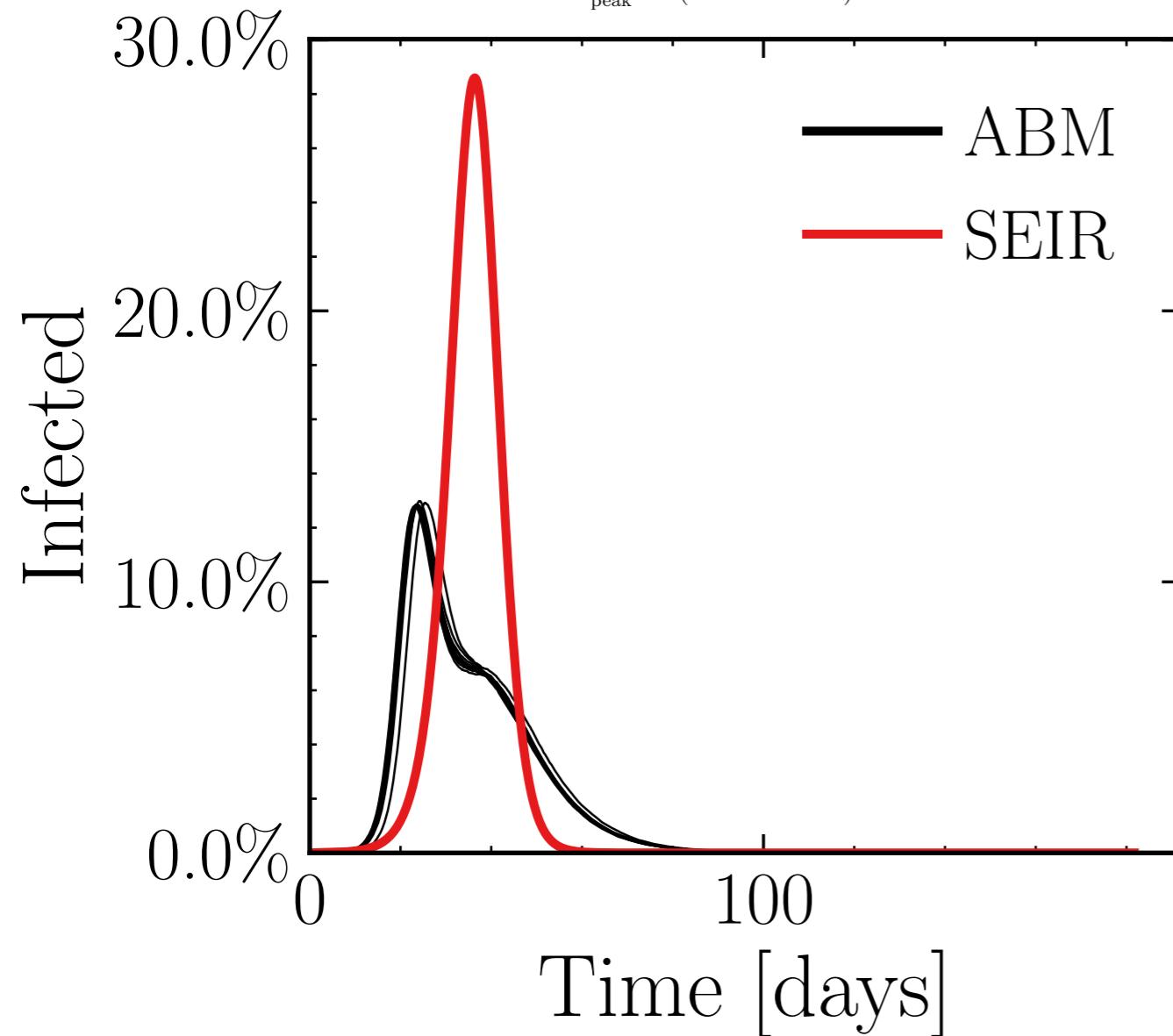
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (74.5 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 6e335d9e88, #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, $N_{\text{init}} = 100$

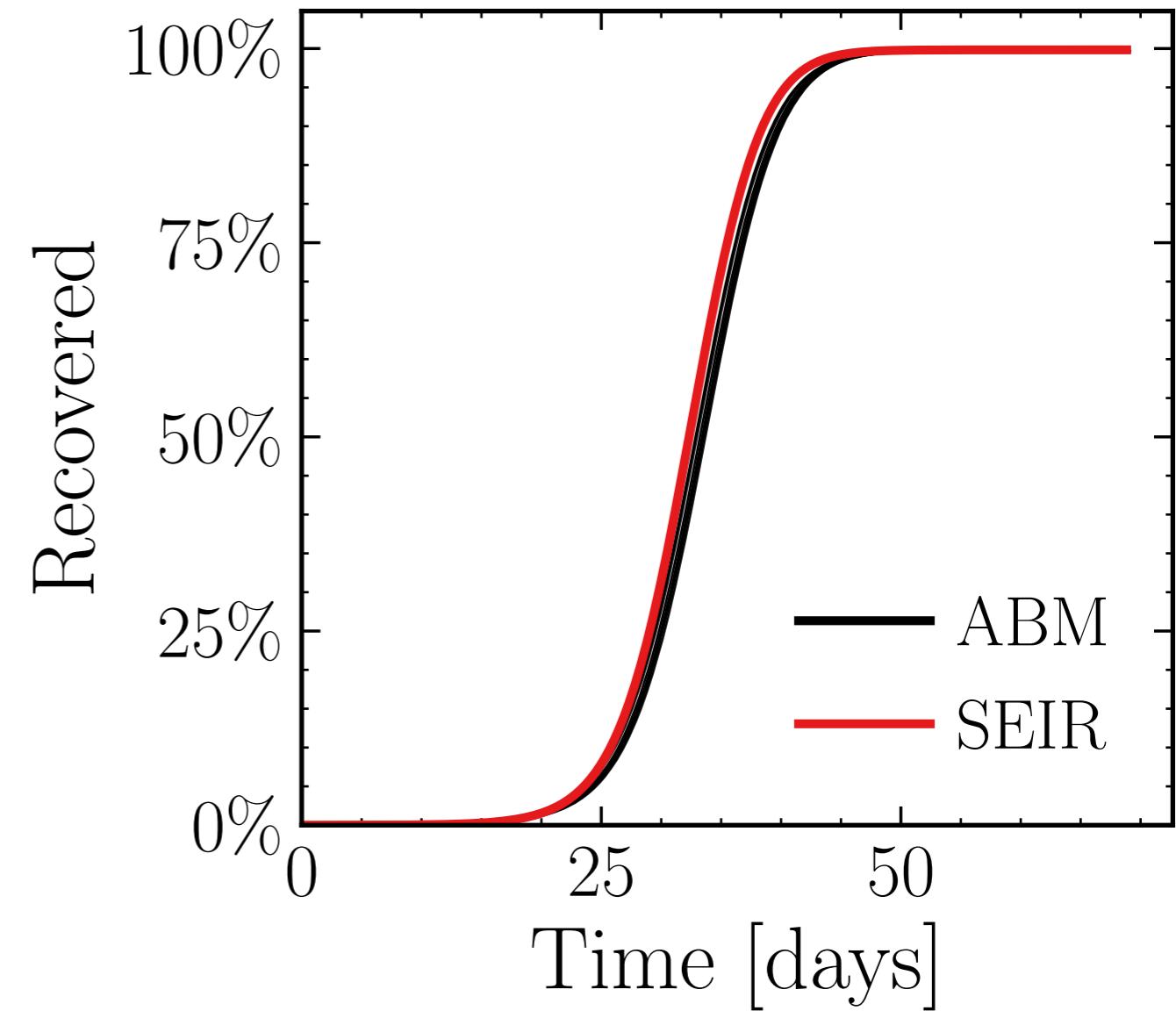
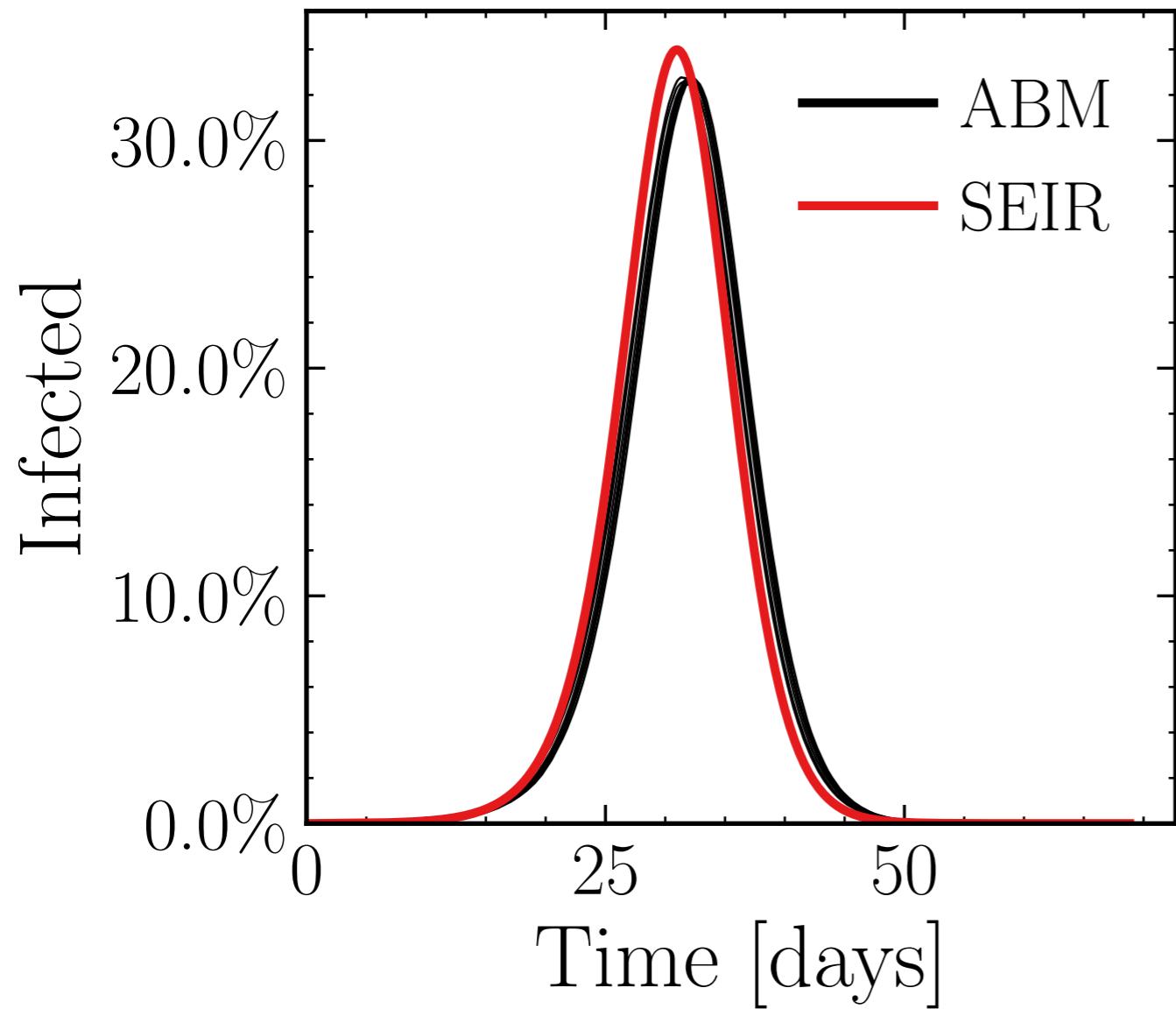
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (189.7 \pm 0.062\%) \cdot 10^3$

v. = 1.0, hash = e27dcfed7bb, #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, $N_{\text{init}} = 100$

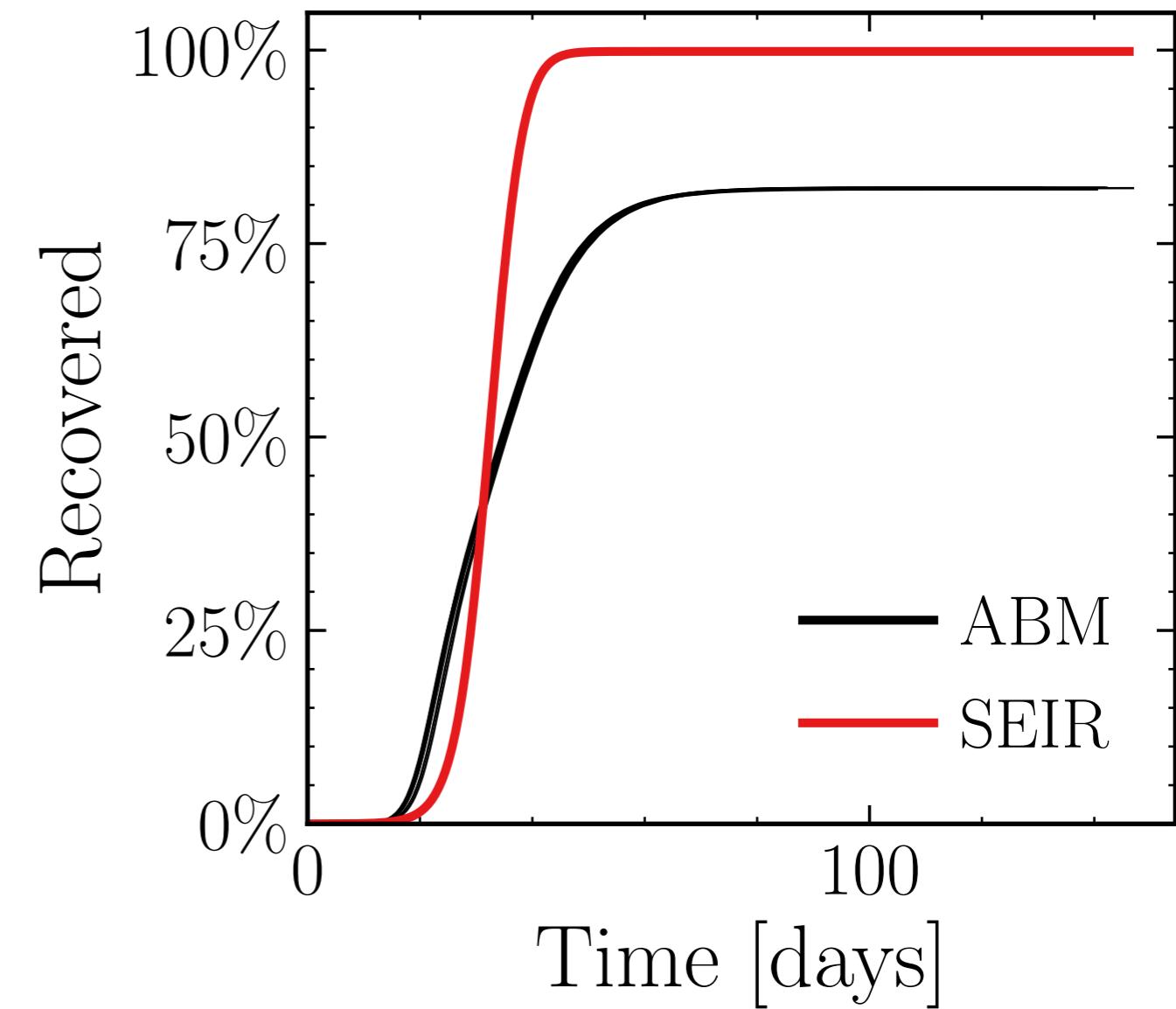
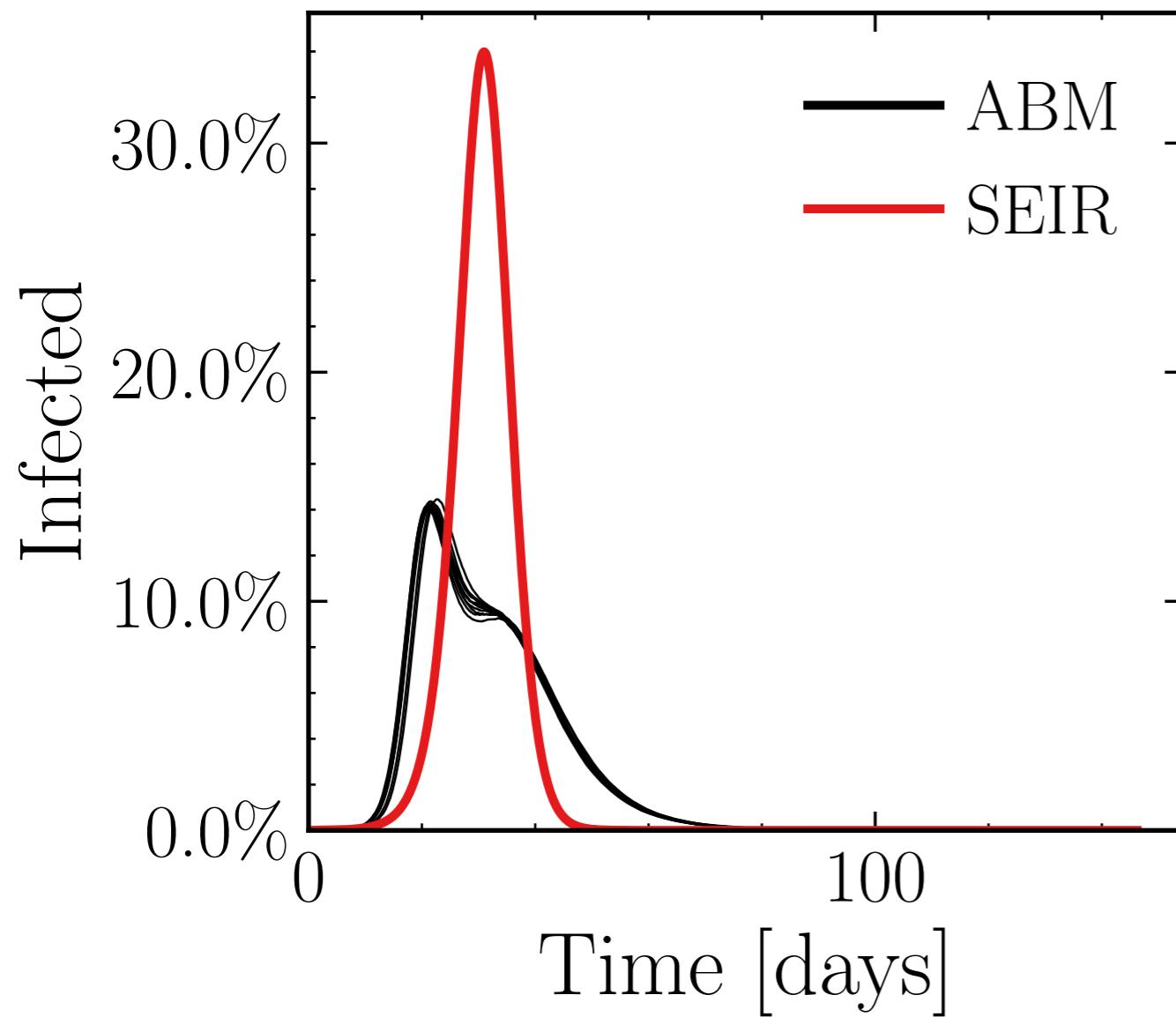
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (82.6 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = ef8f0f9fd0, #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, $N_{\text{init}} = 100$

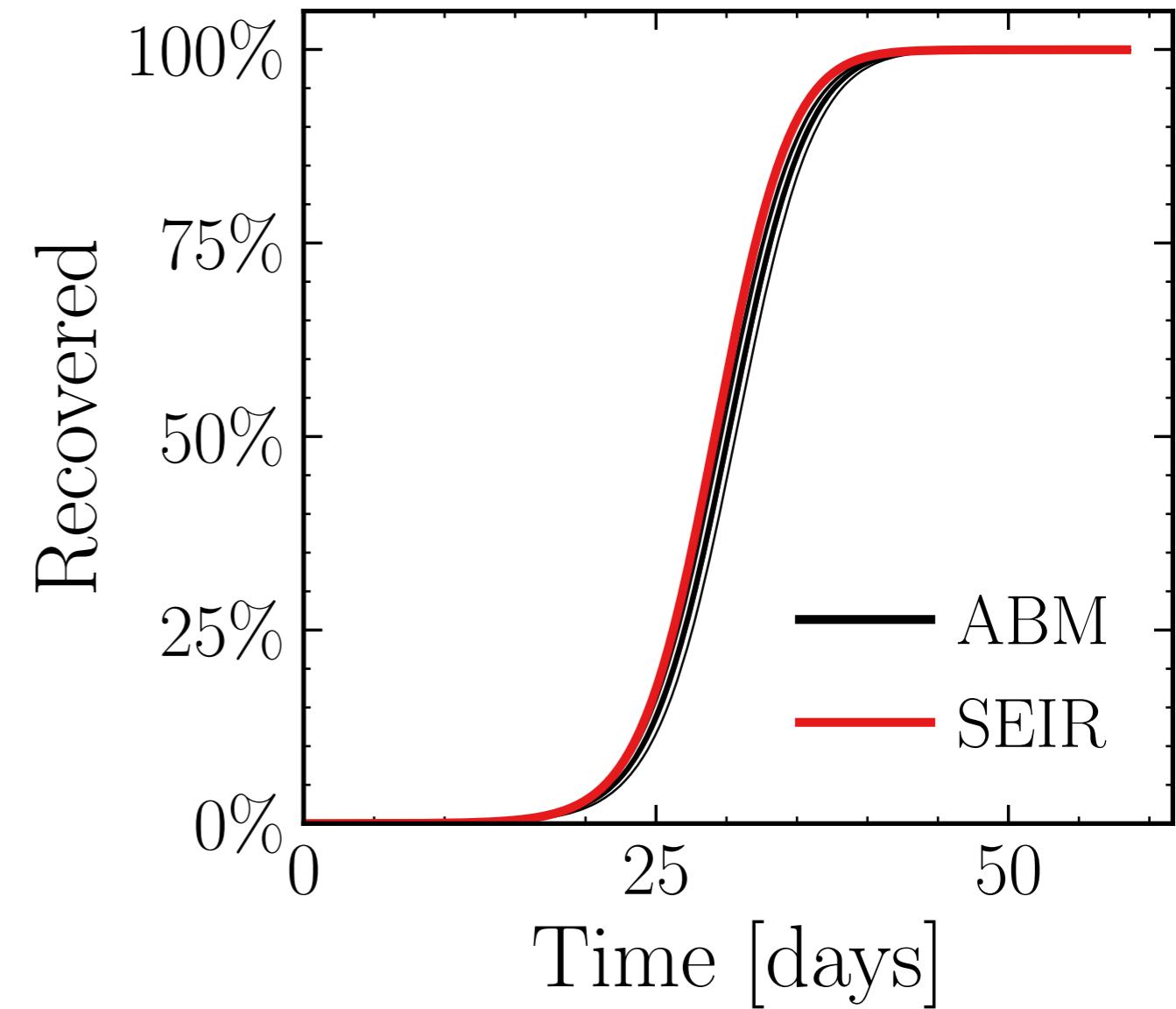
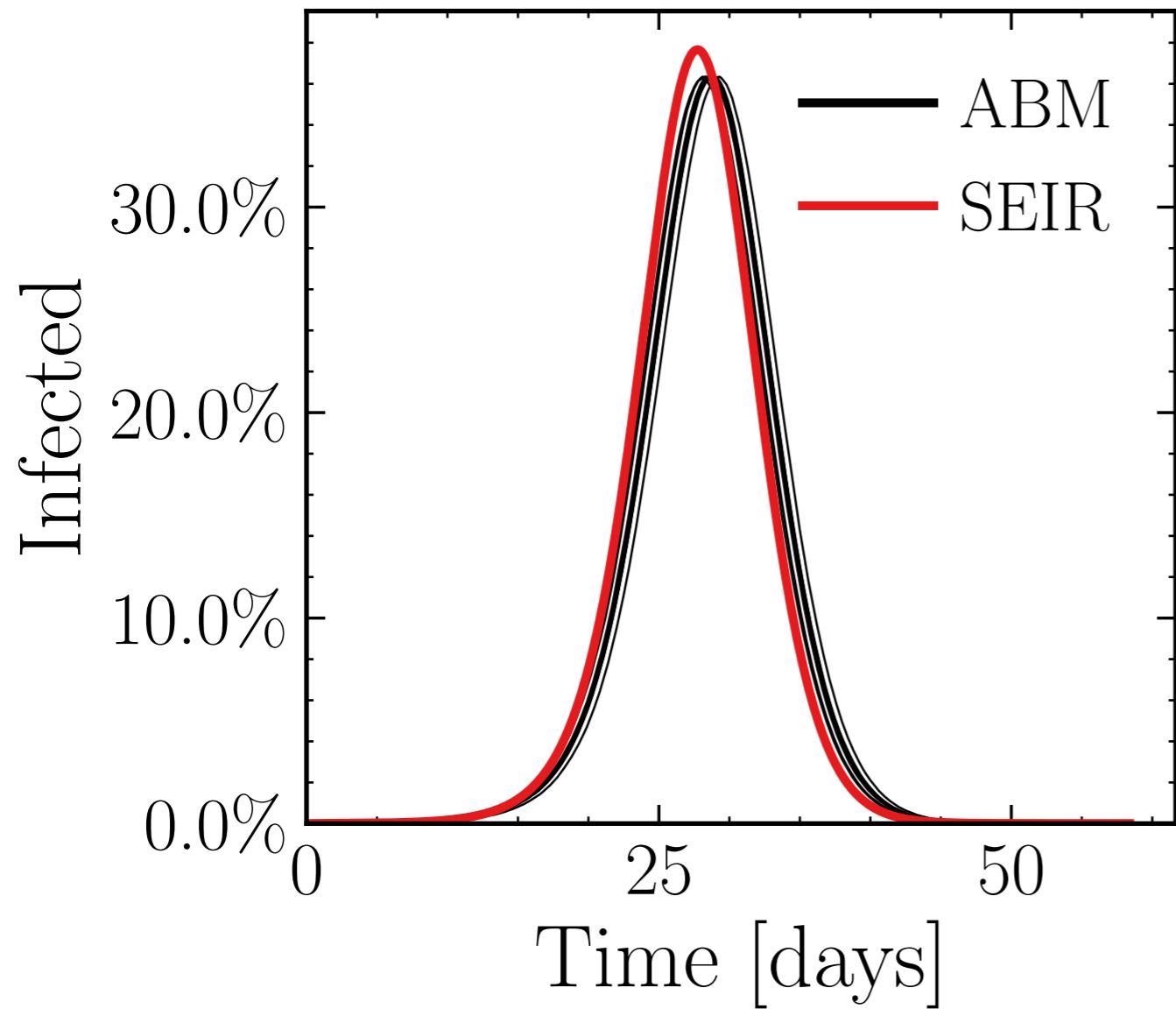
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (210.7 \pm 0.061\%) \cdot 10^3$

v. = 1.0, hash = f38dbd522a, #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, $N_{\text{init}} = 100$

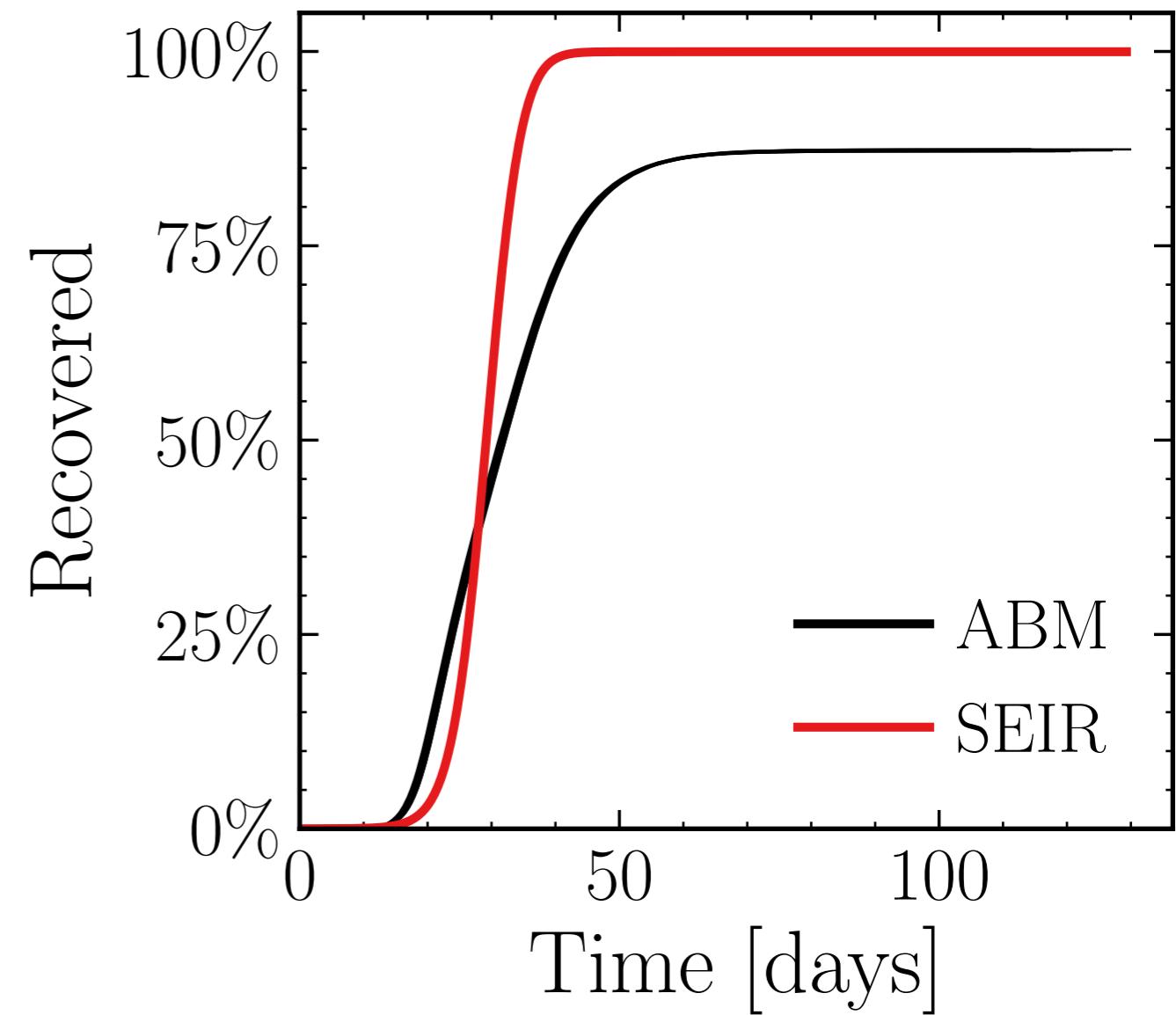
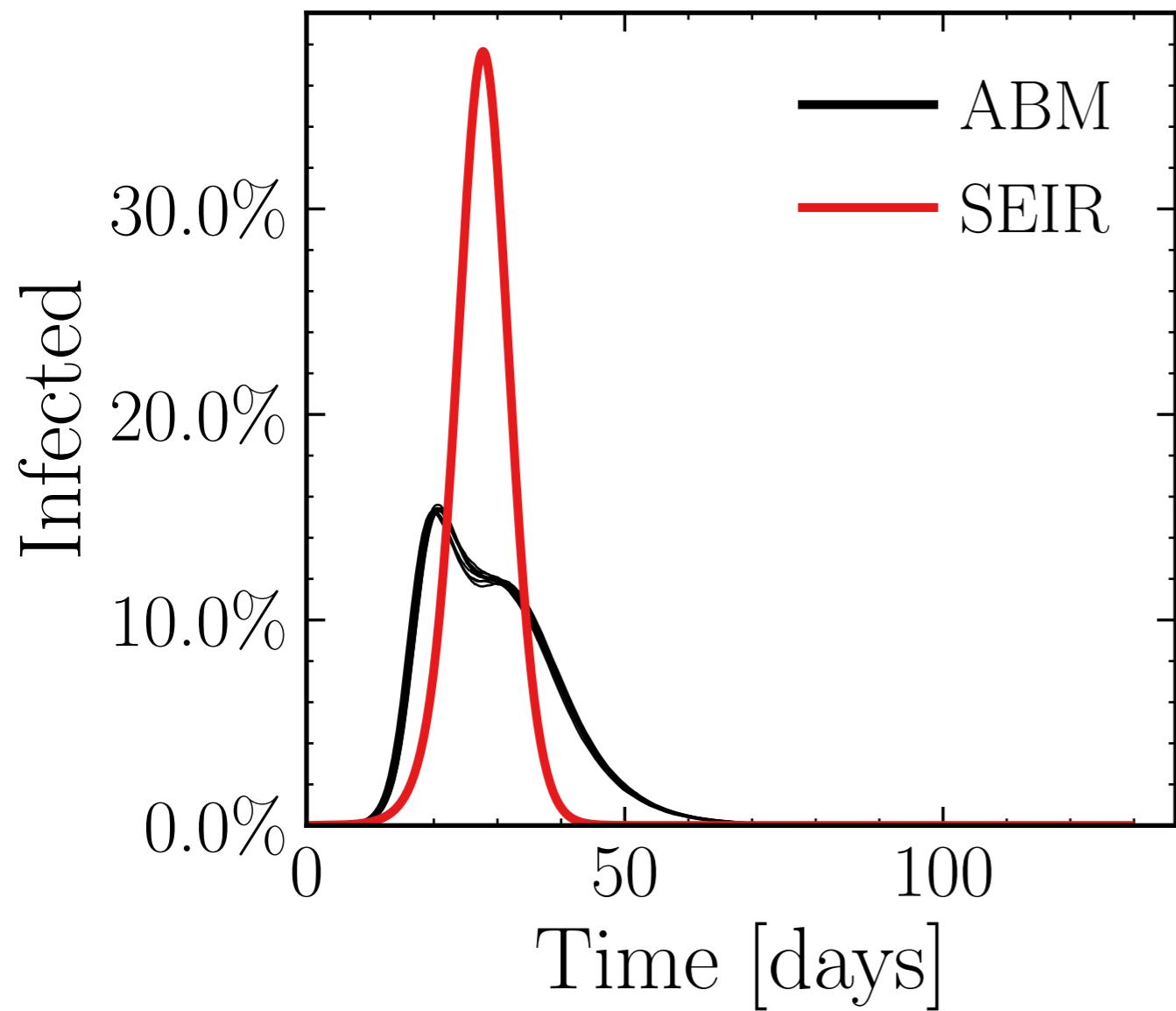
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (89 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = ee8efea1f1, #10

$R_{\infty}^{\text{ABM}} = (506.2 \pm 0.034\%) \cdot 10^3$



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

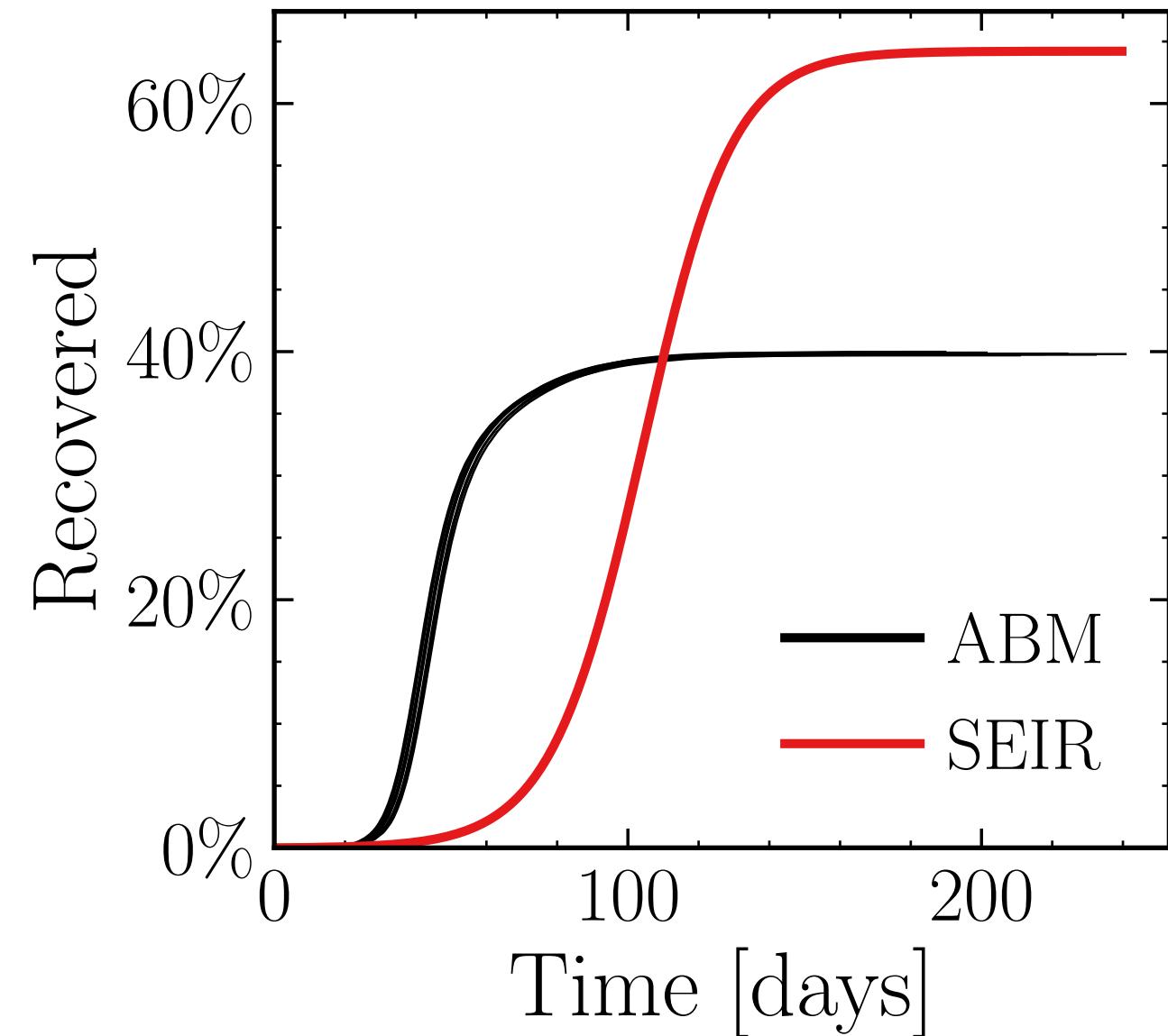
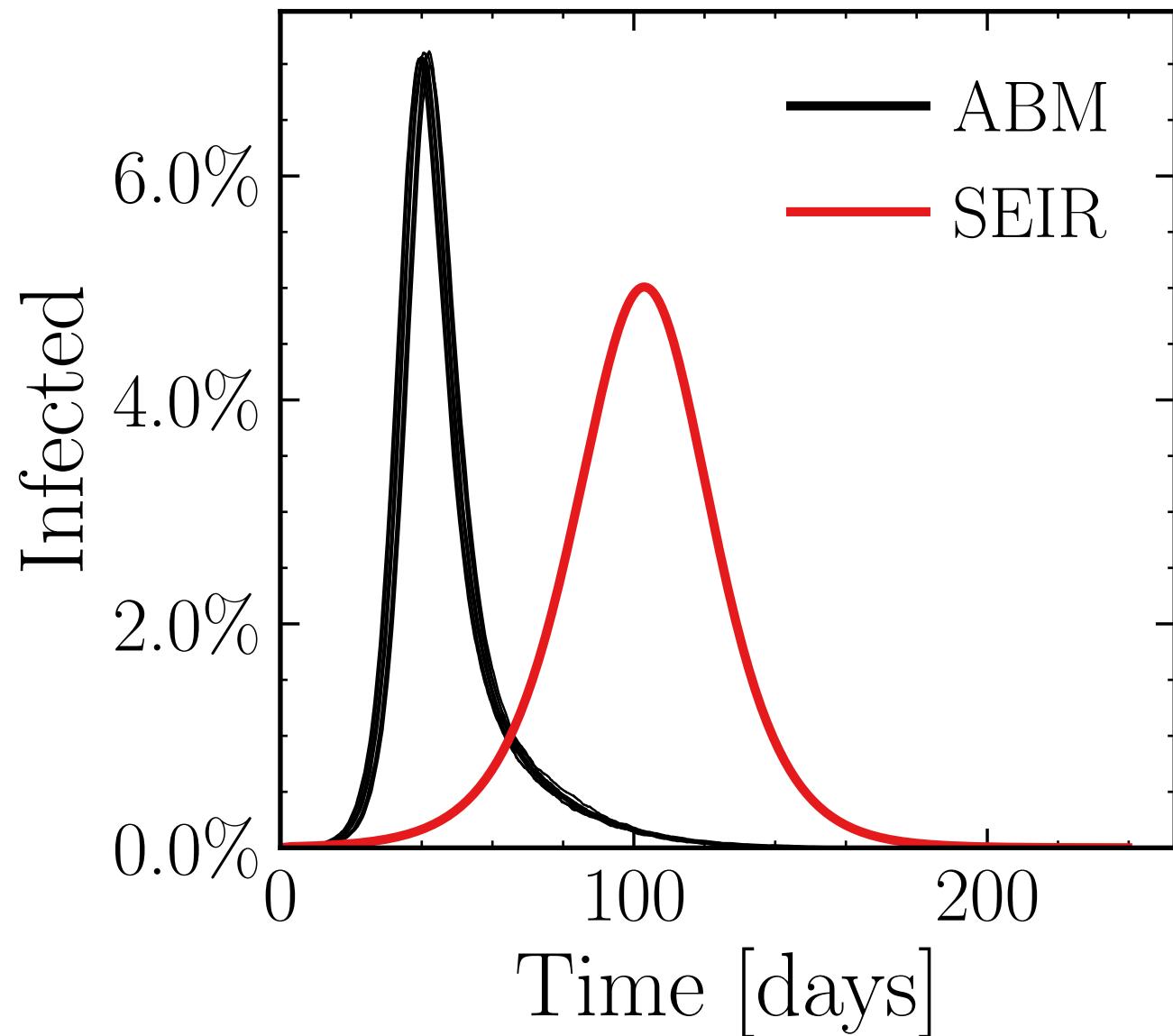
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

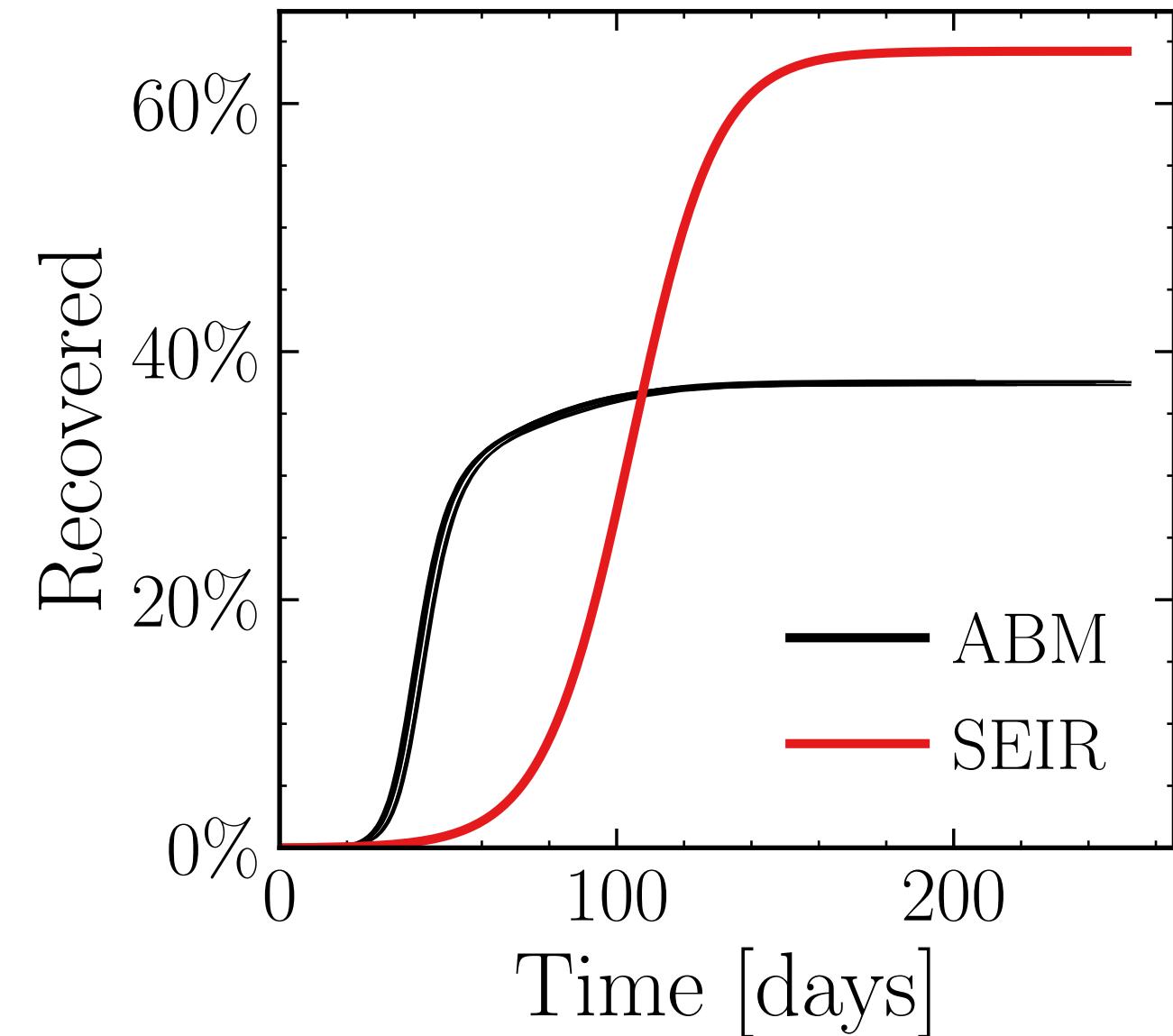
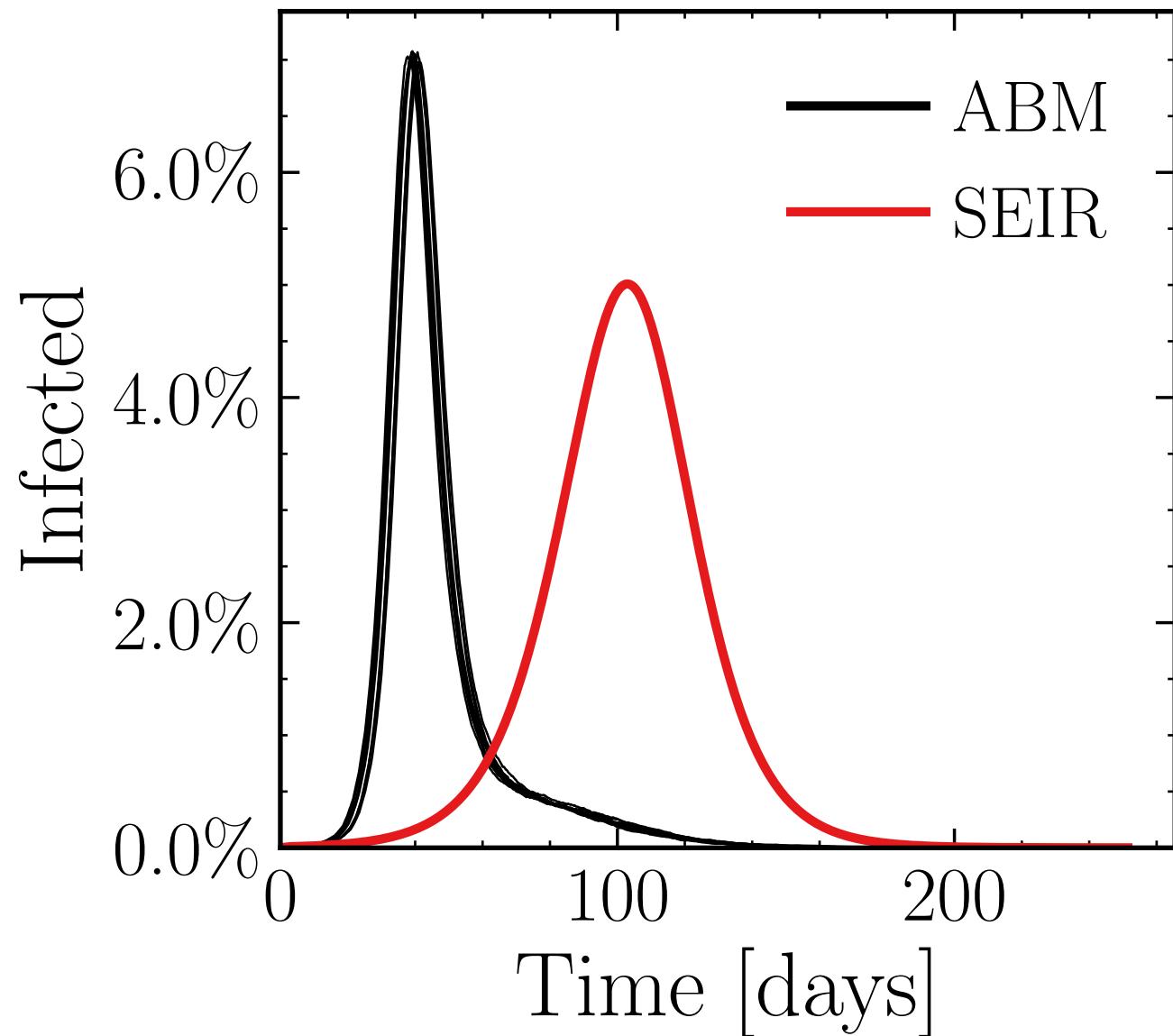
$I_{\text{peak}}^{\text{ABM}} = (40.93 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 46007fb591, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (40.75 \pm 0.15\%) \cdot 10^3$ v. = 1.0, hash = 0efaf65bed, #10 $R_\infty^{\text{ABM}} = (217.3 \pm 0.1\%) \cdot 10^3$



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

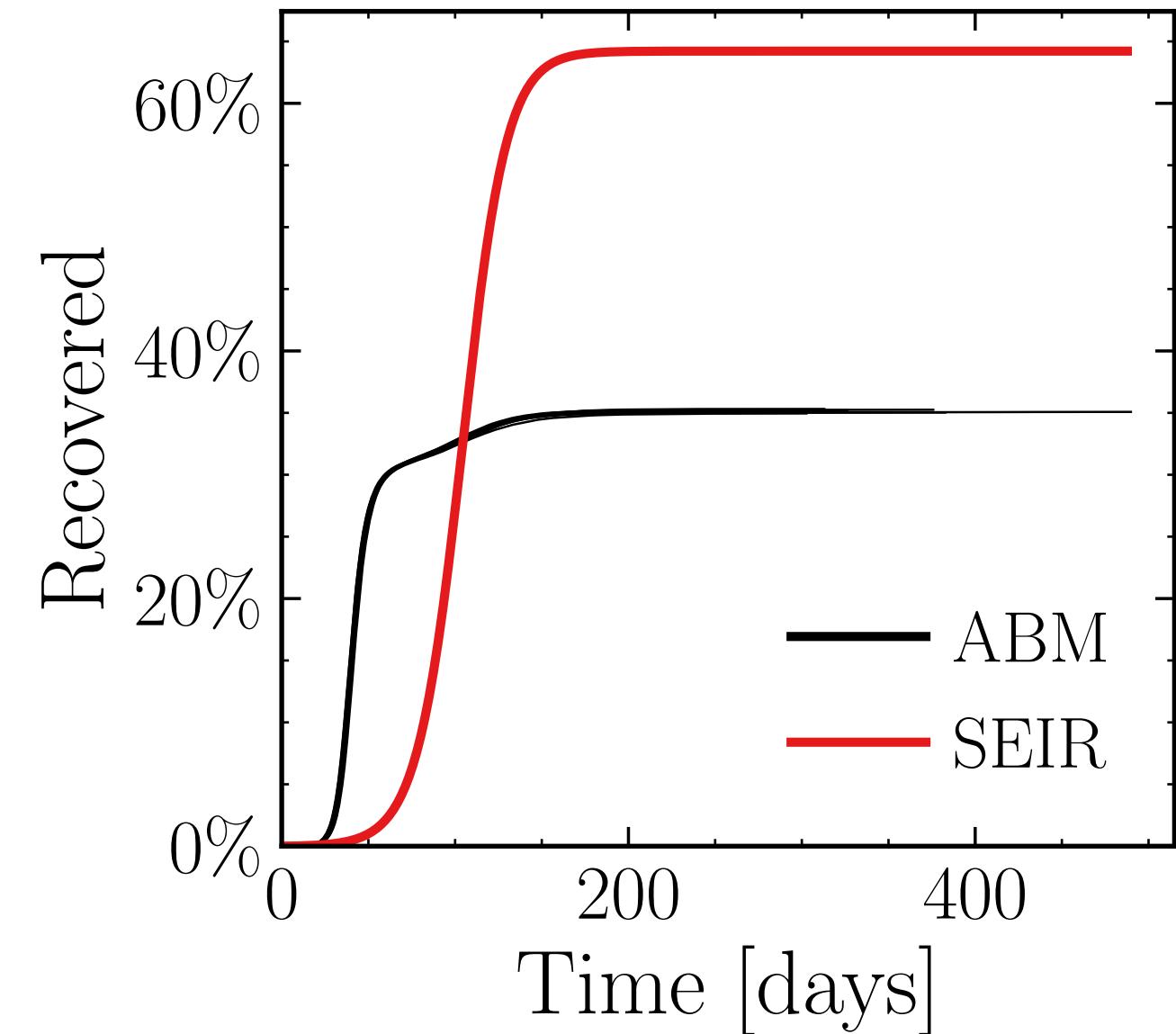
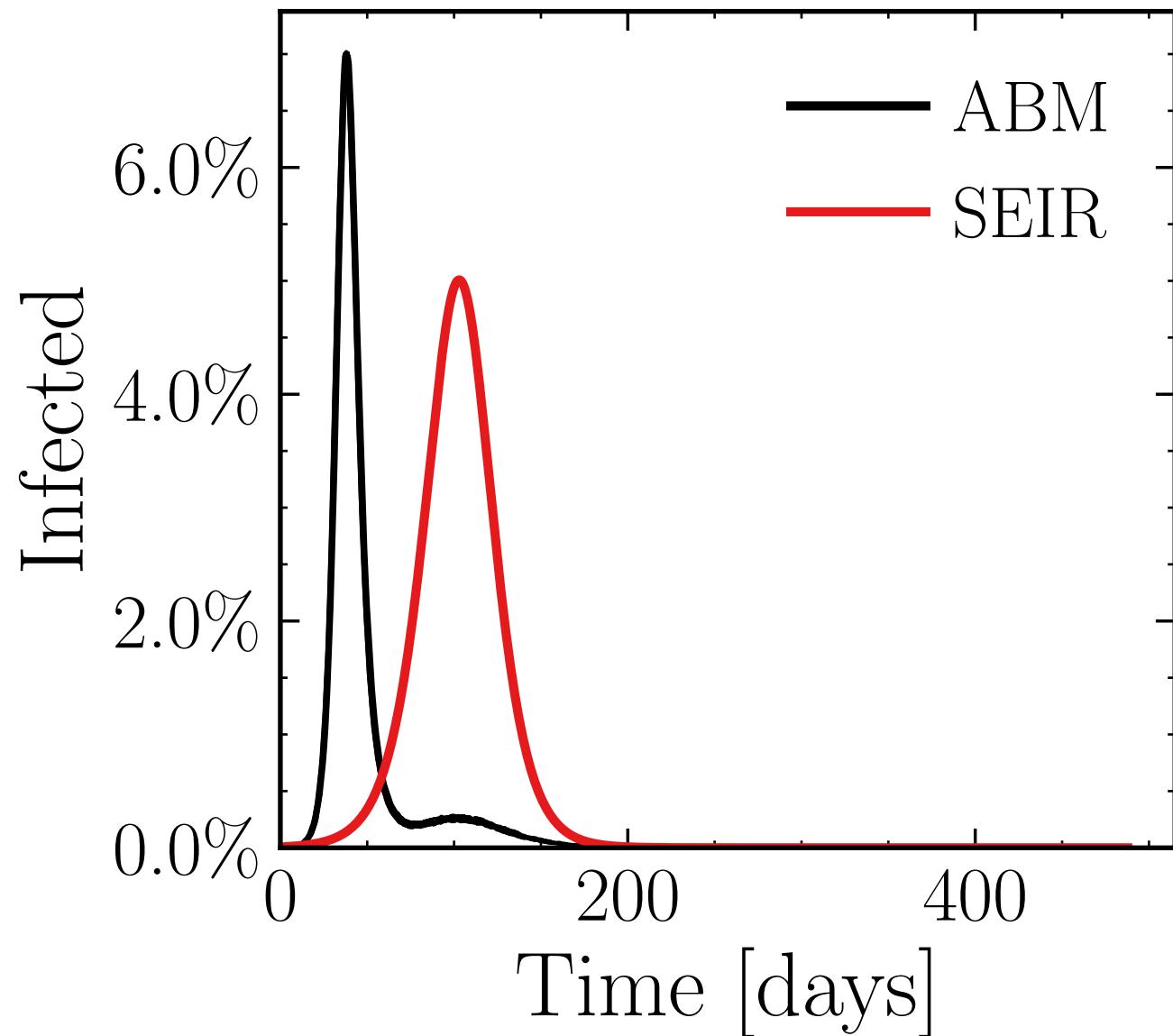
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.54 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 61ffe8bb9a, #10

$R_\infty^{\text{ABM}} = (203.9 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.005$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

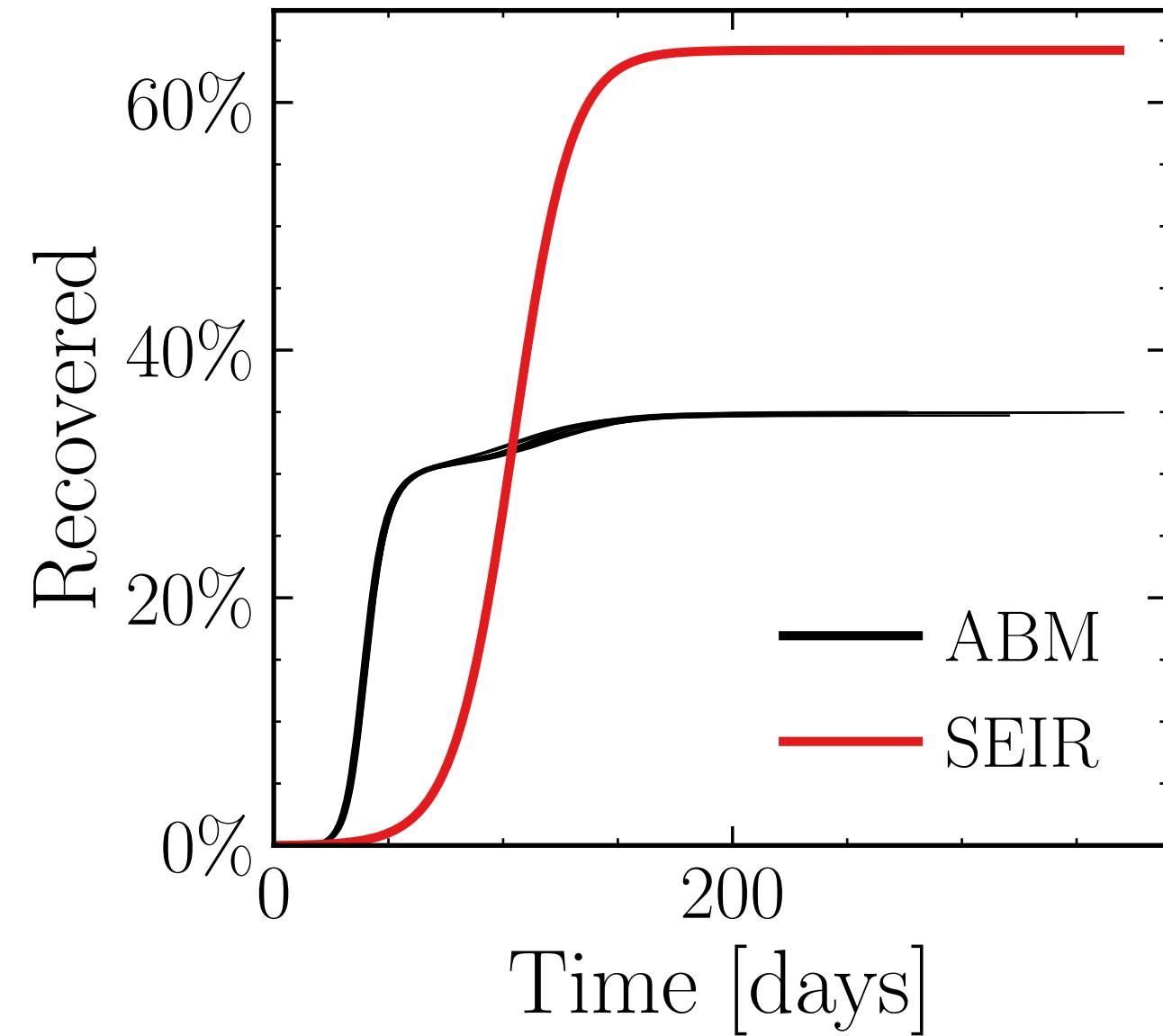
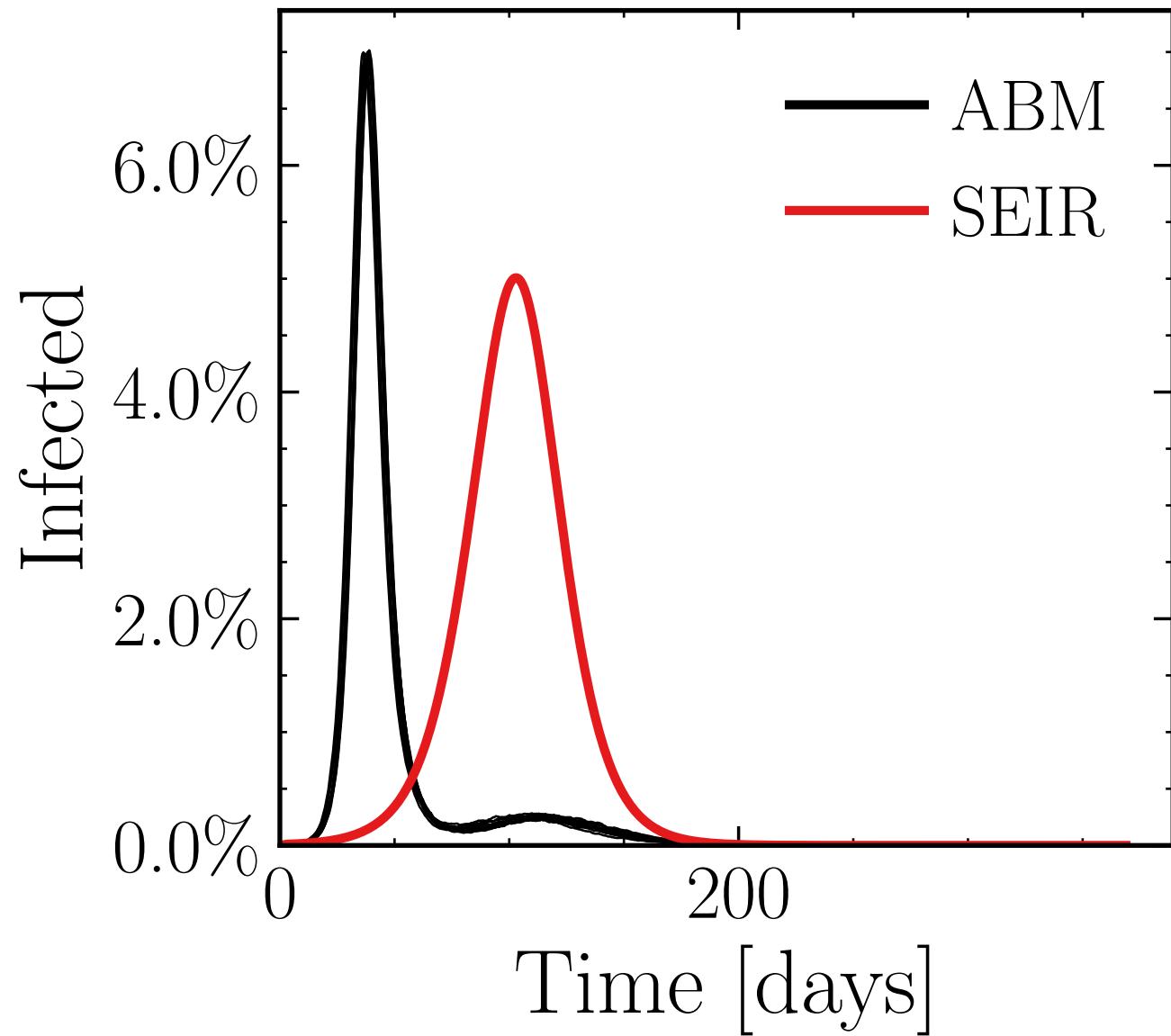
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.51 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 32ce33f69c, #10

$R_\infty^{\text{ABM}} = (202.2 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.5$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

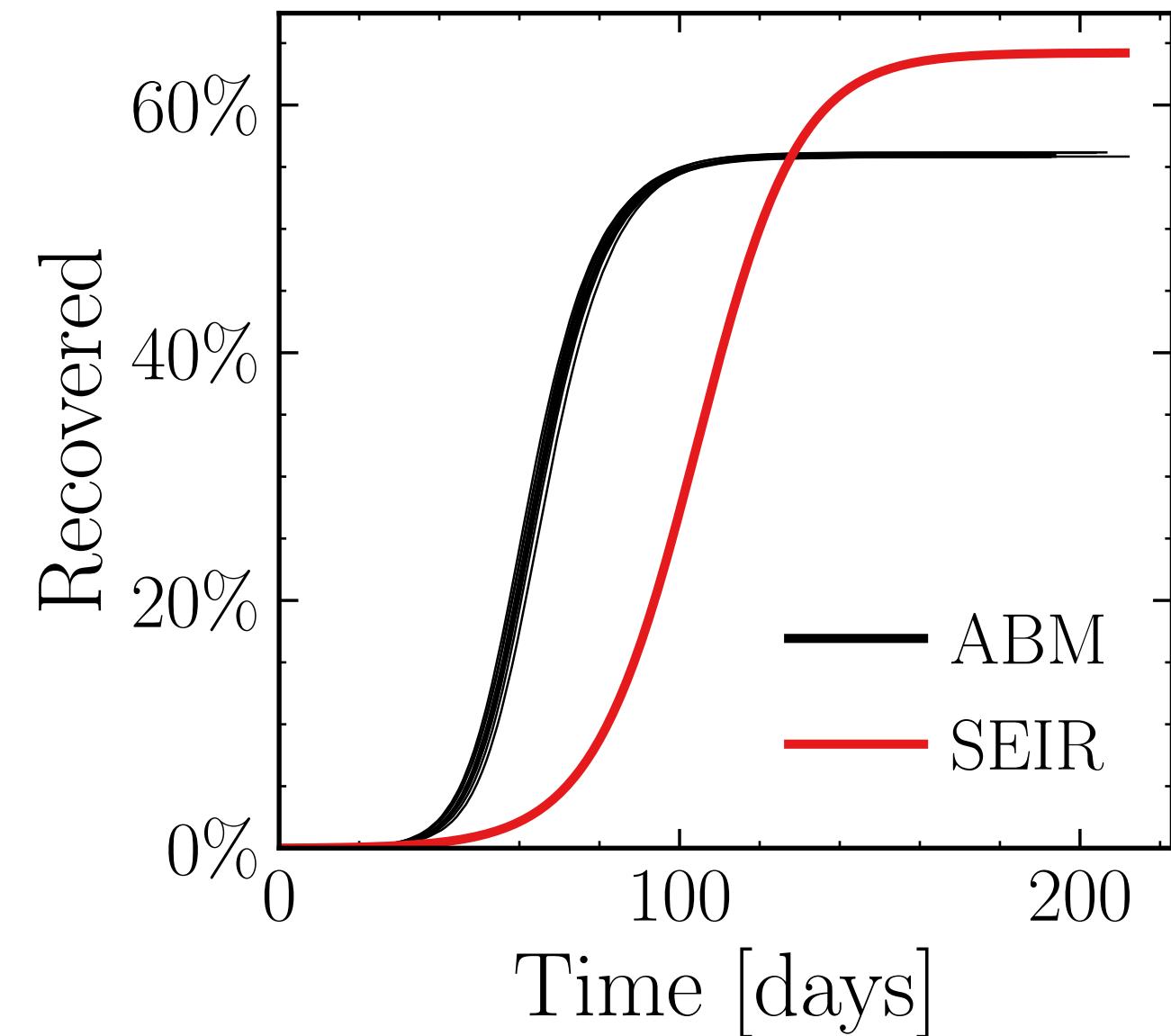
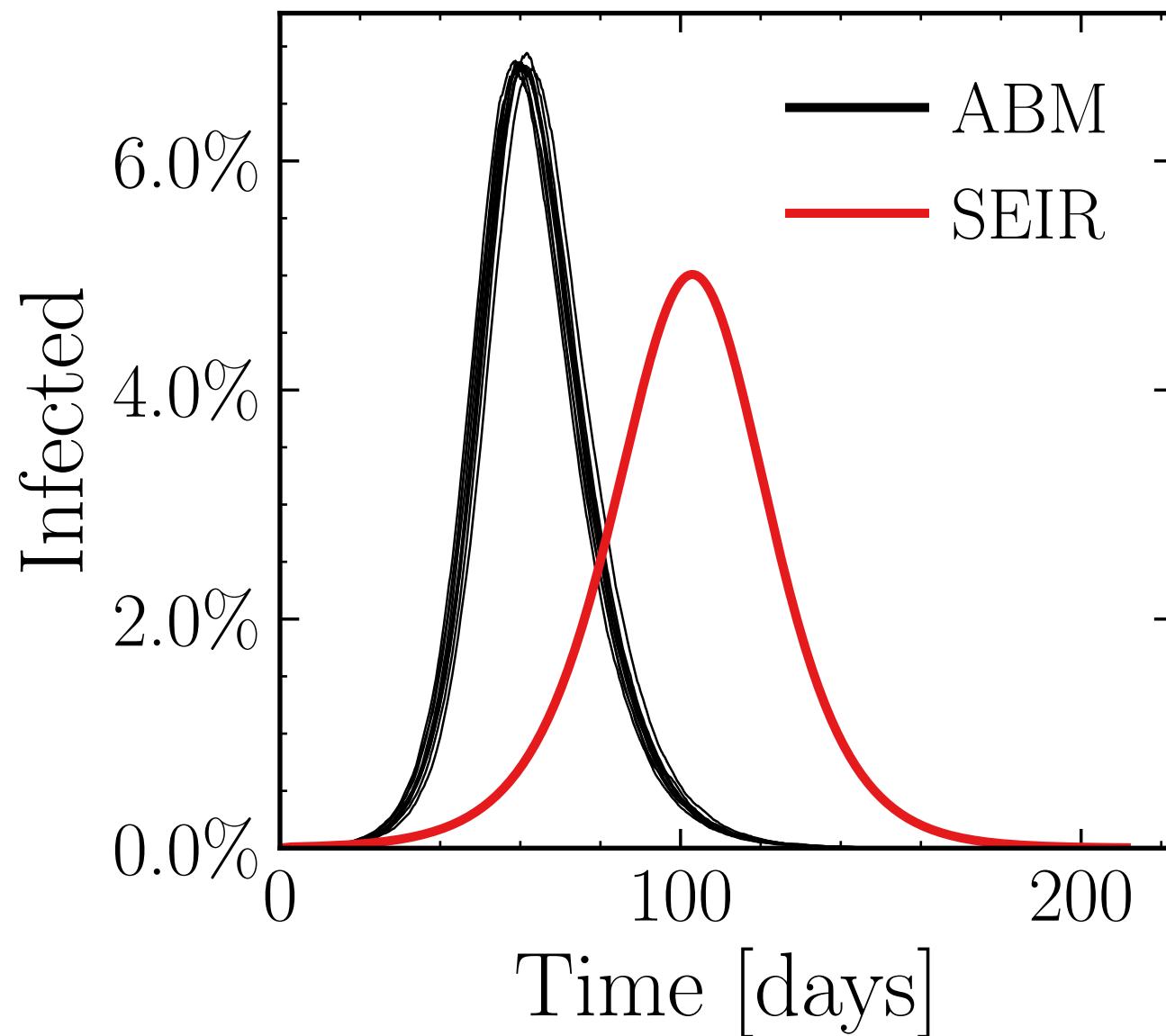
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (39.71 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = 47a5052836, #10

$R_\infty^{\text{ABM}} = (324.6 \pm 0.08\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.4$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

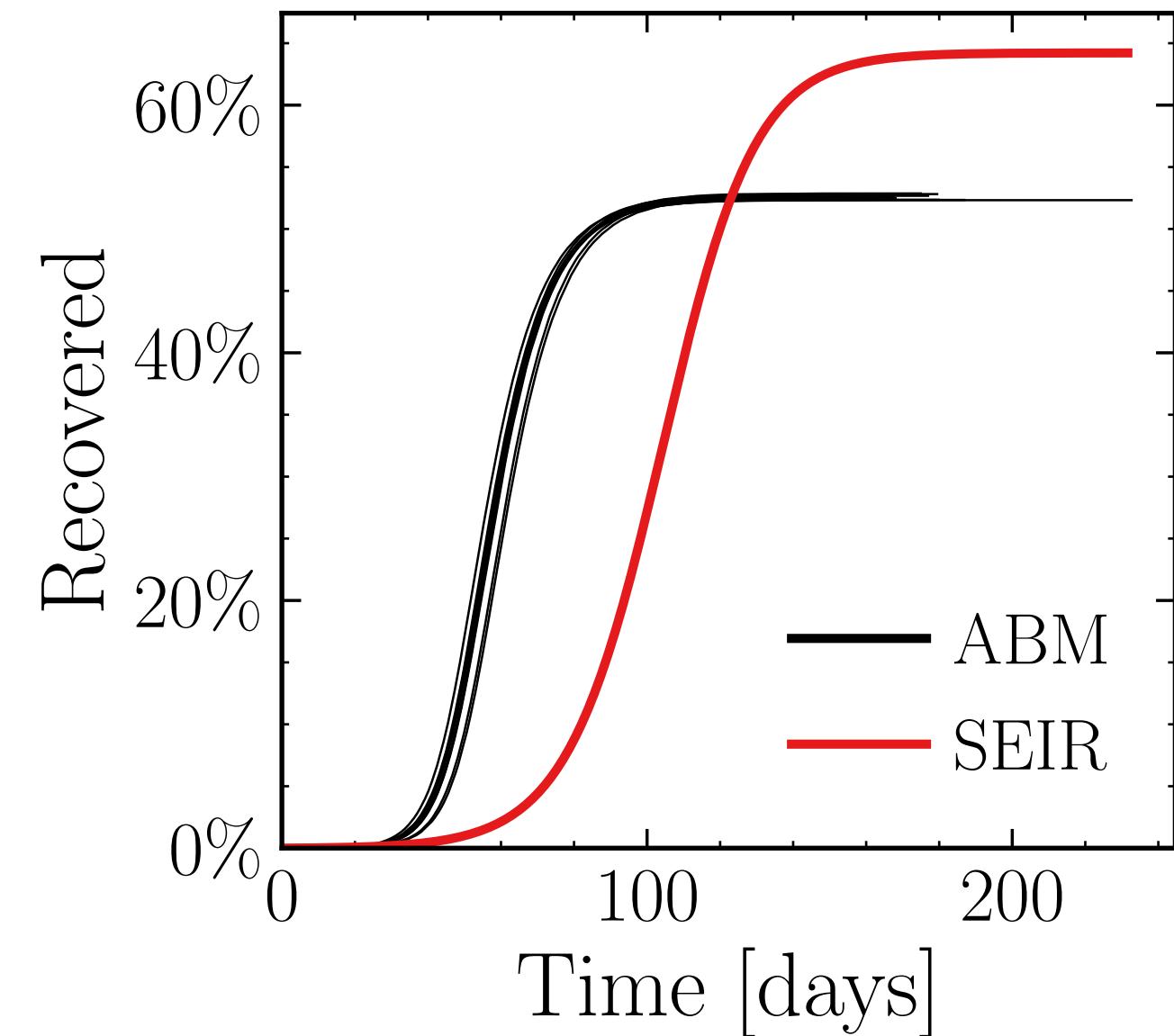
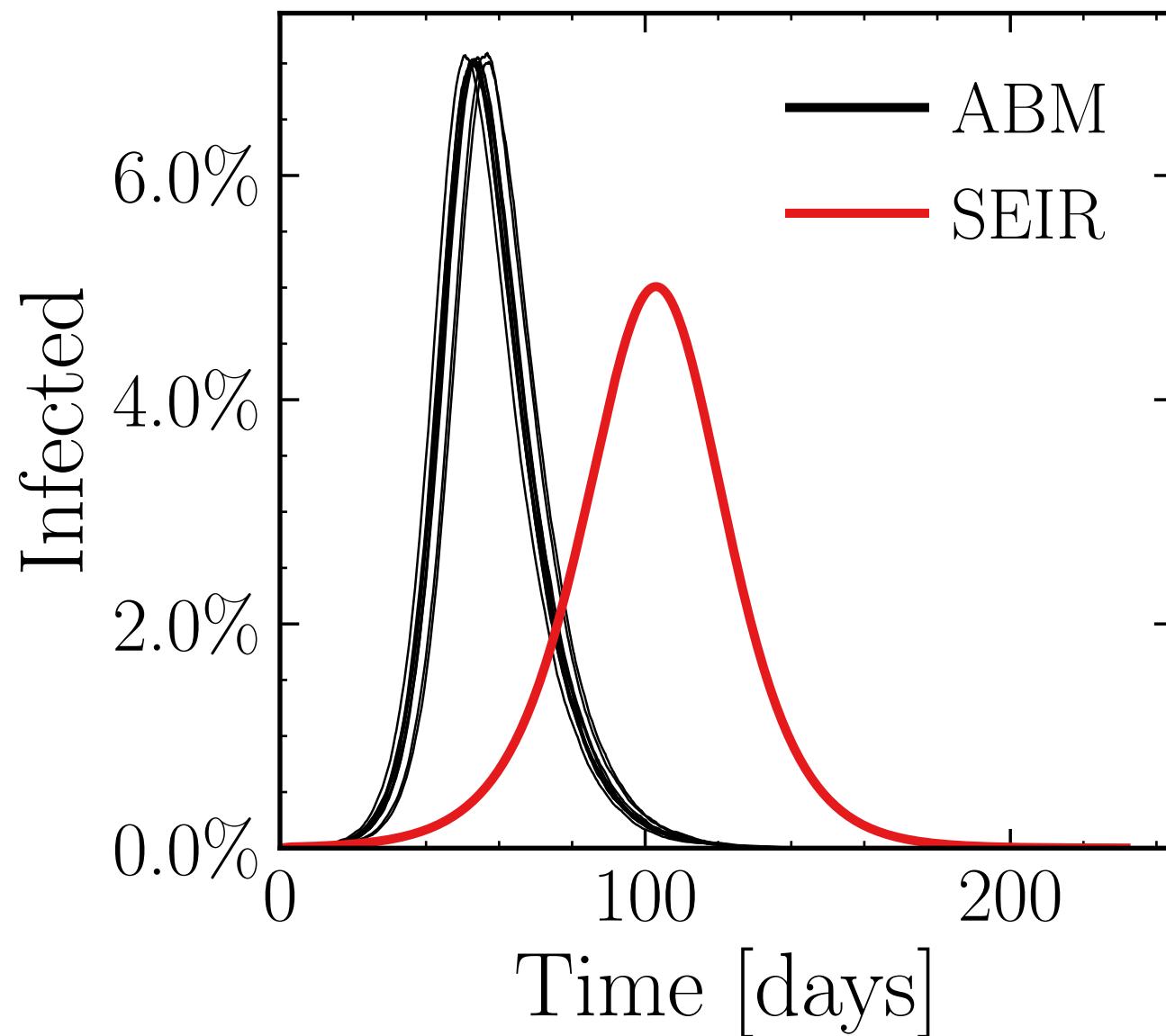
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.81 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 5dbe064fa, #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, $N_{\text{init}} = 100$

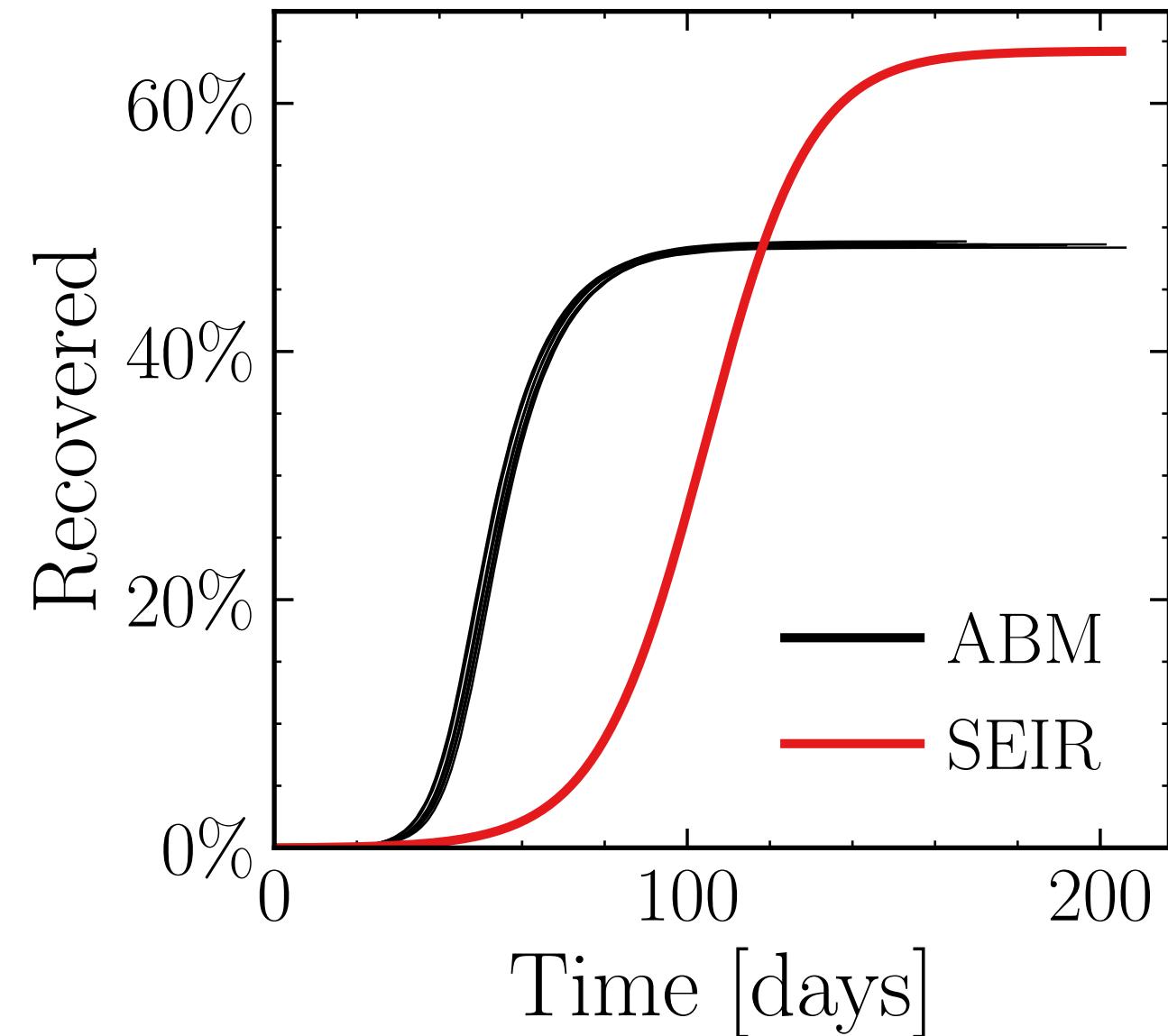
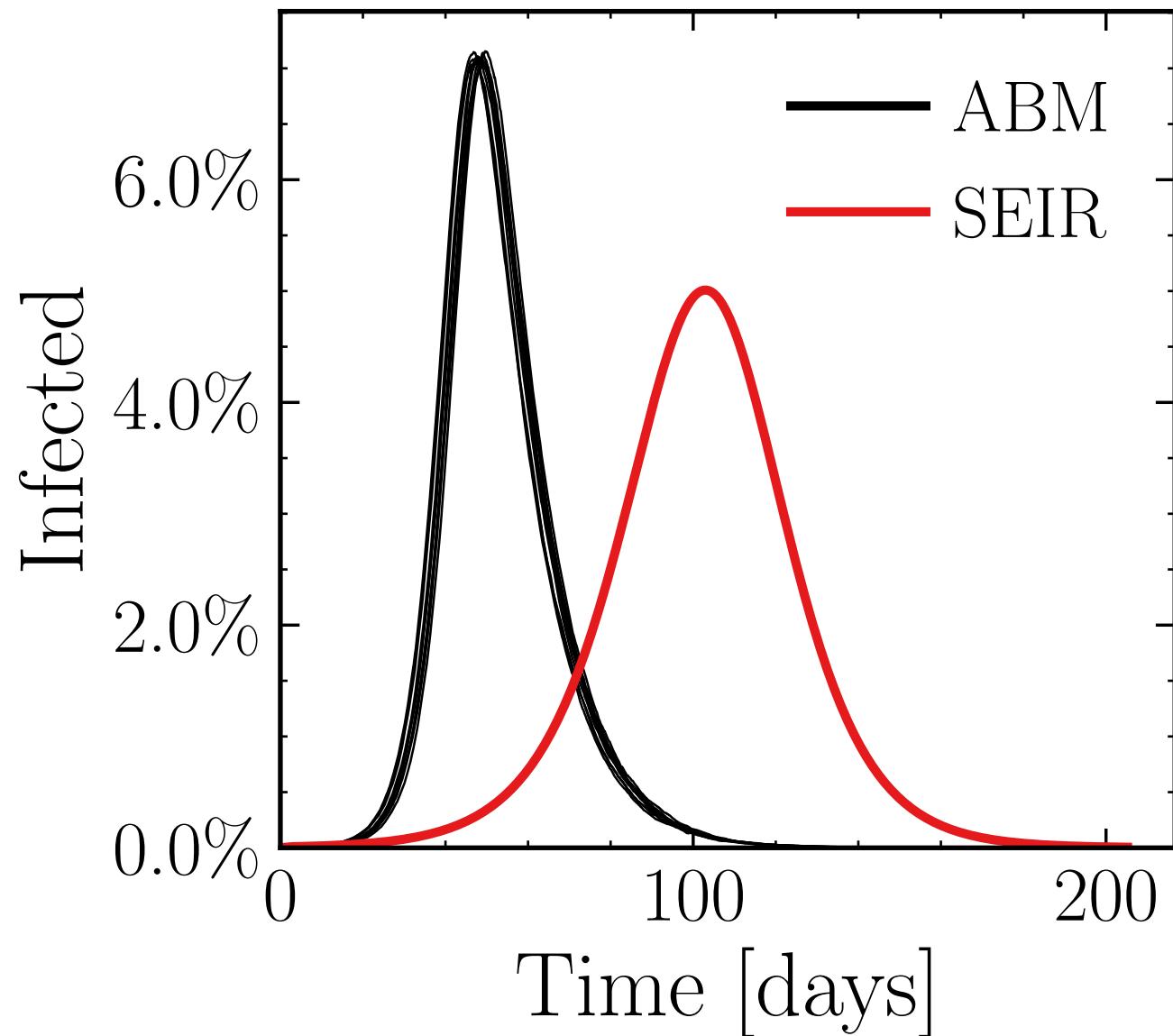
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (41.18 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = a3fda6e4fc, #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, $N_{\text{init}} = 100$

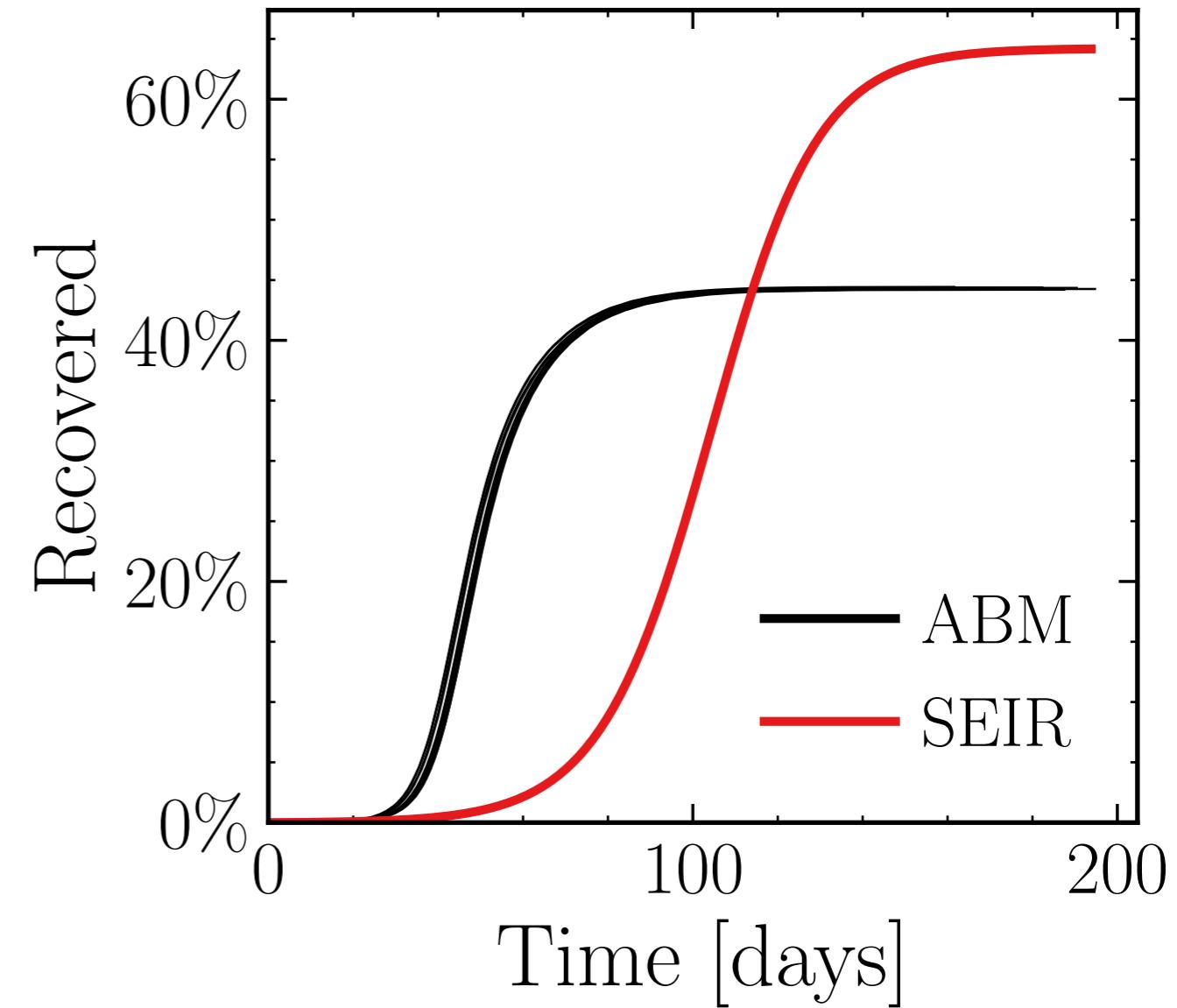
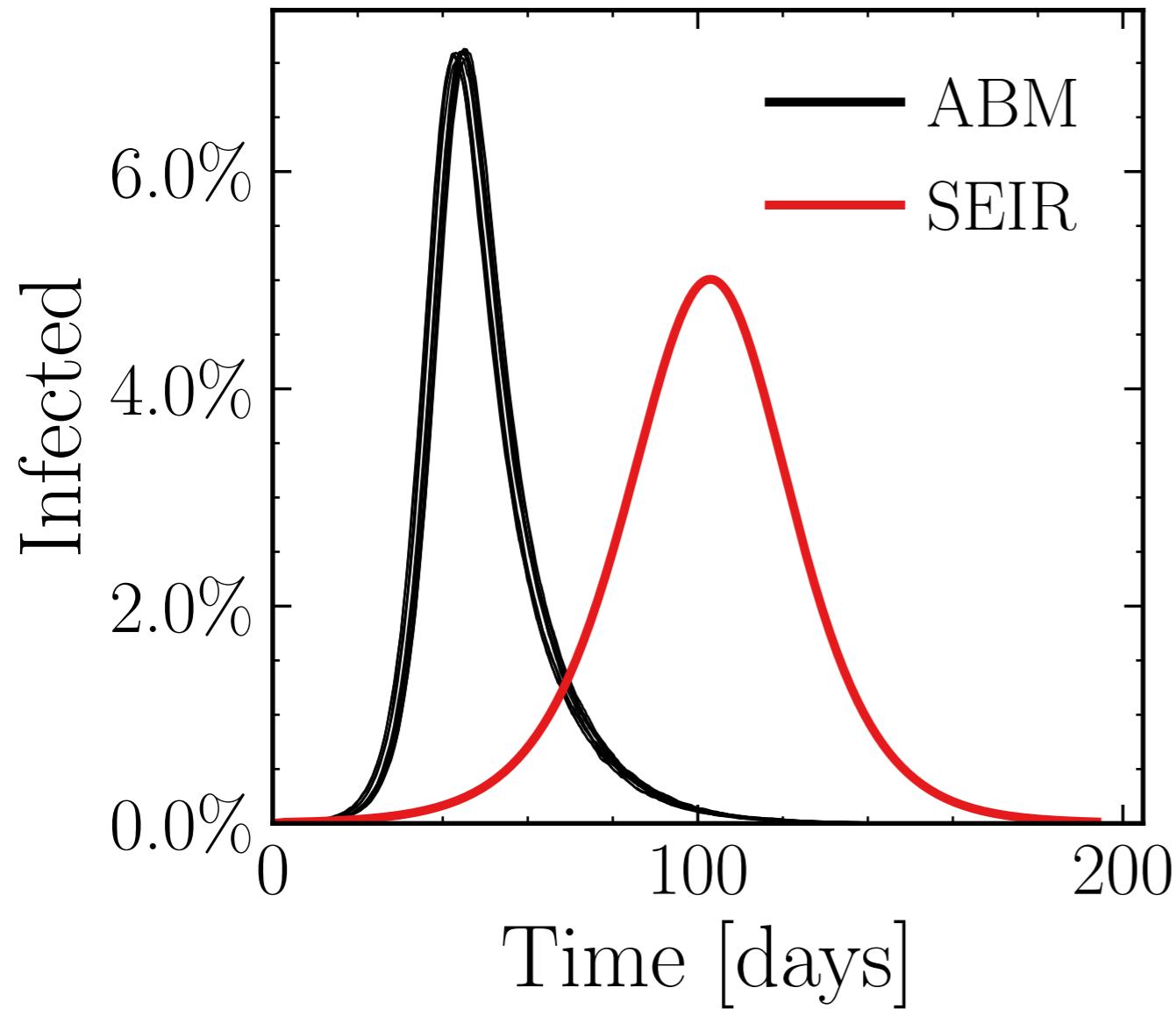
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (41.1 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 3534f28660, #10

$R_{\infty}^{\text{ABM}} = (257.1 \pm 0.05\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.9$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

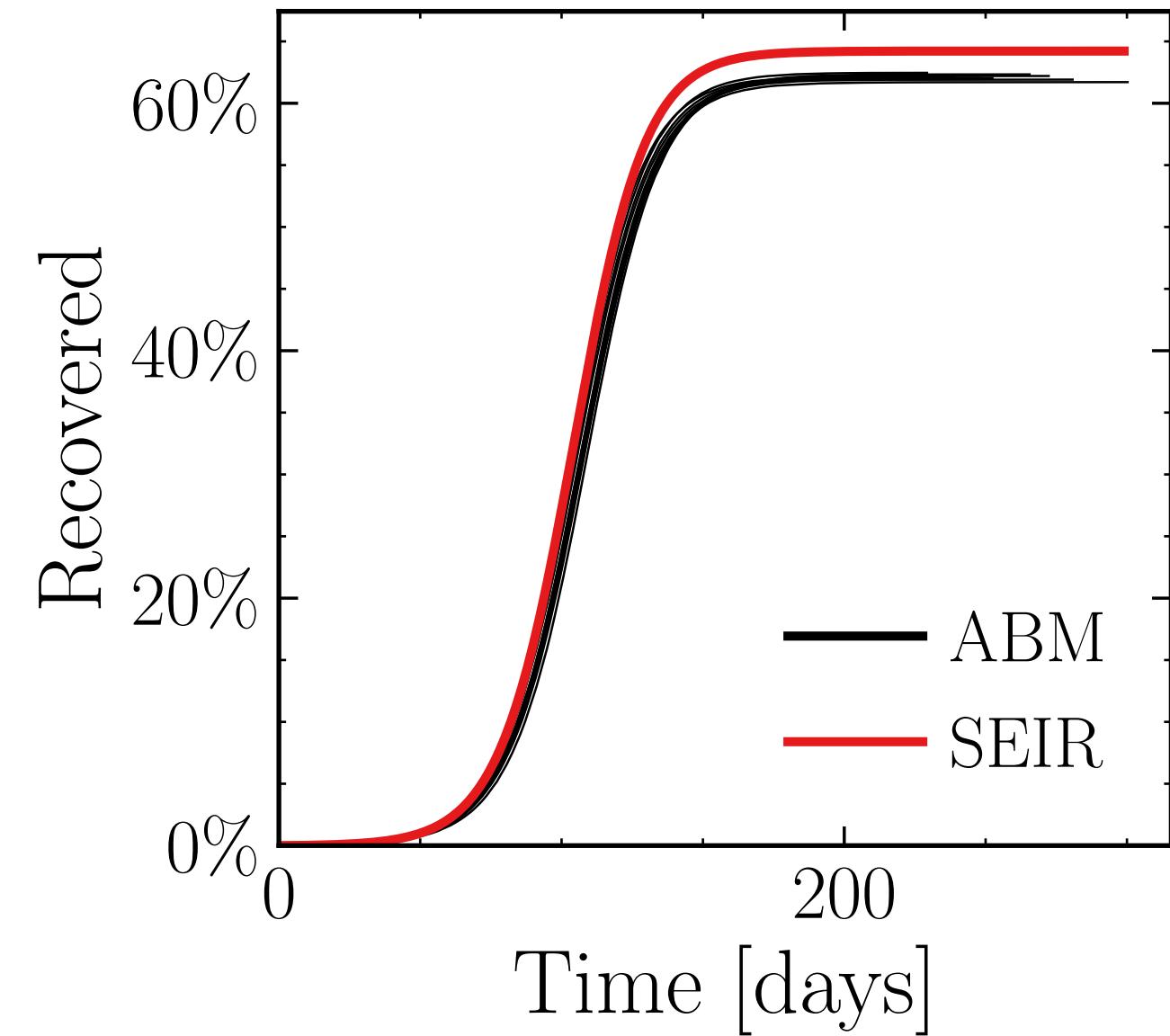
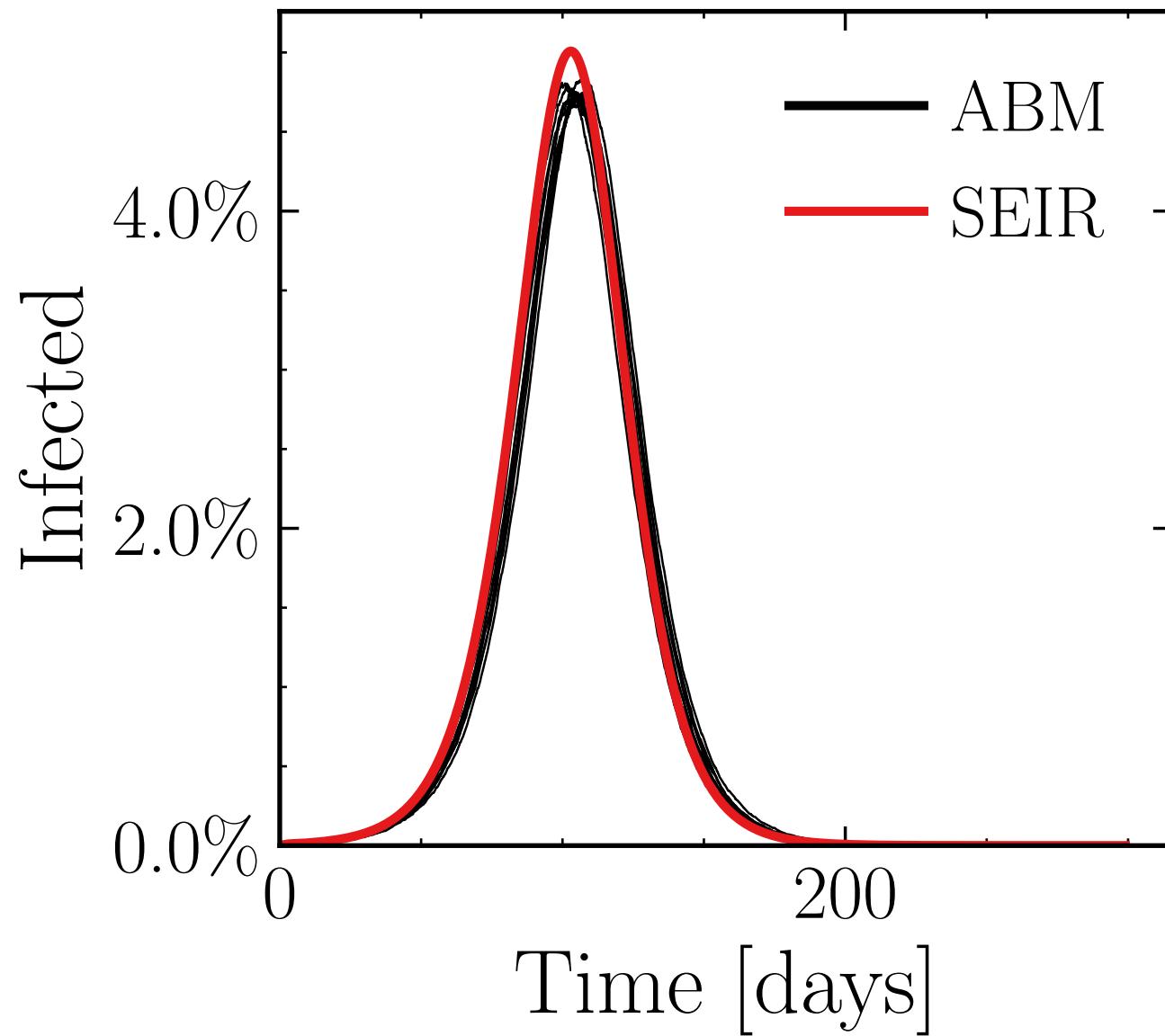
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$$I_{\text{peak}}^{\text{ABM}} = (27.59 \pm 0.28\%) \cdot 10^3$$

$$\text{v.} = 1.0, \text{hash} = \text{e175d631b5}, \#10$$

$$R_{\infty}^{\text{ABM}} = (360.2 \pm 0.1\%) \cdot 10^3$$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.6$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

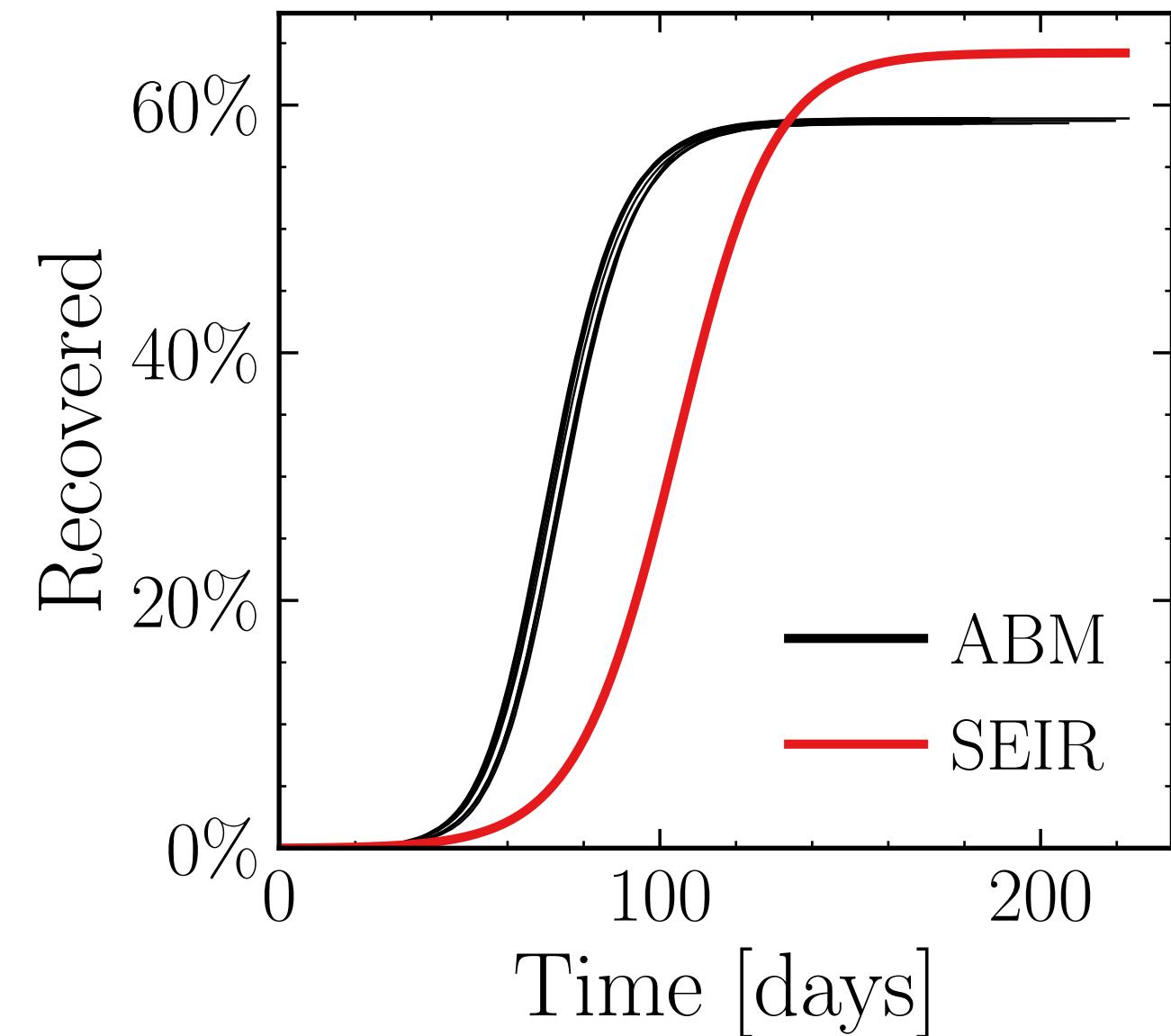
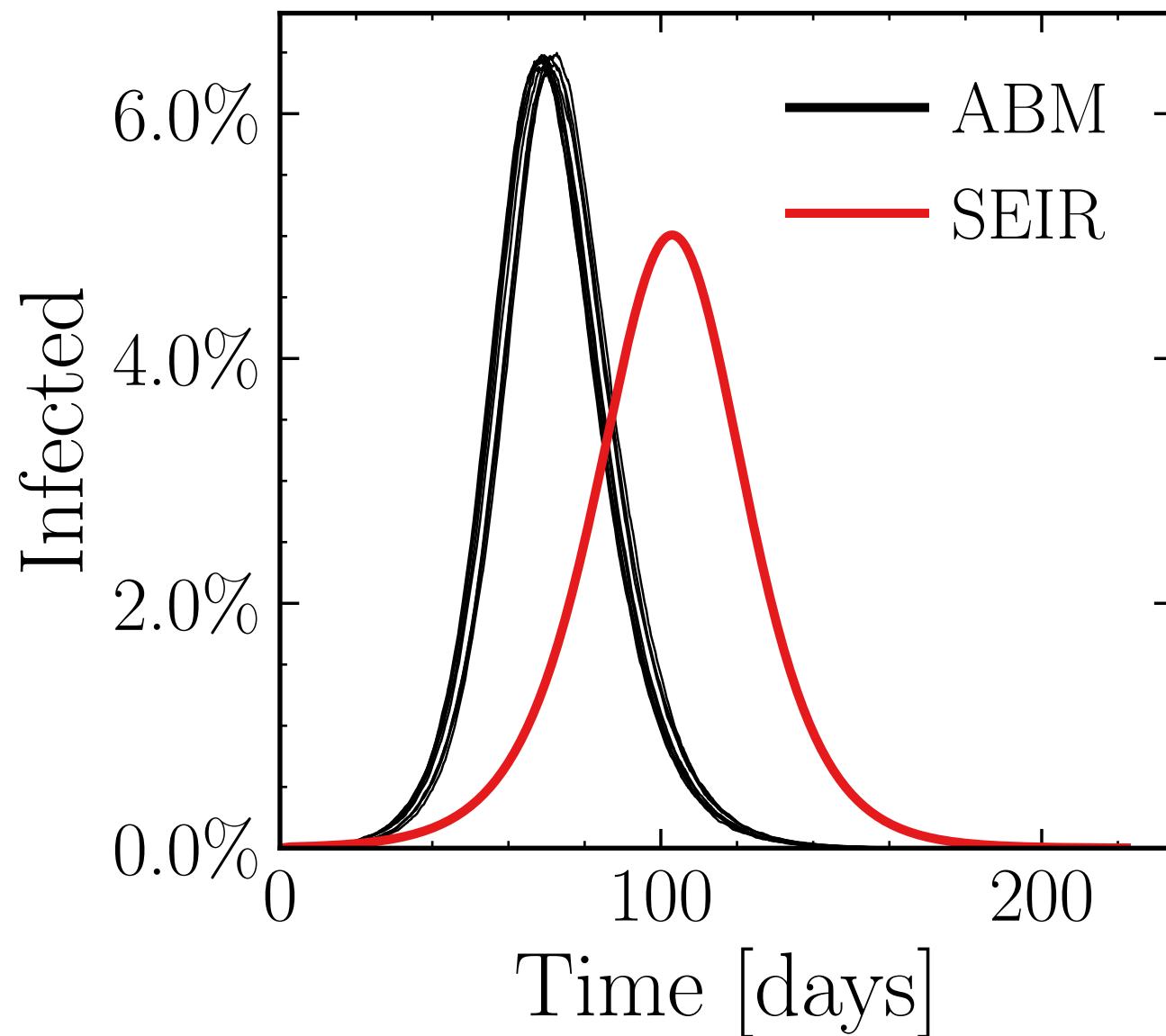
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (37.3 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = df61e89505, #10

$R_\infty^{\text{ABM}} = (340.3 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.7$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

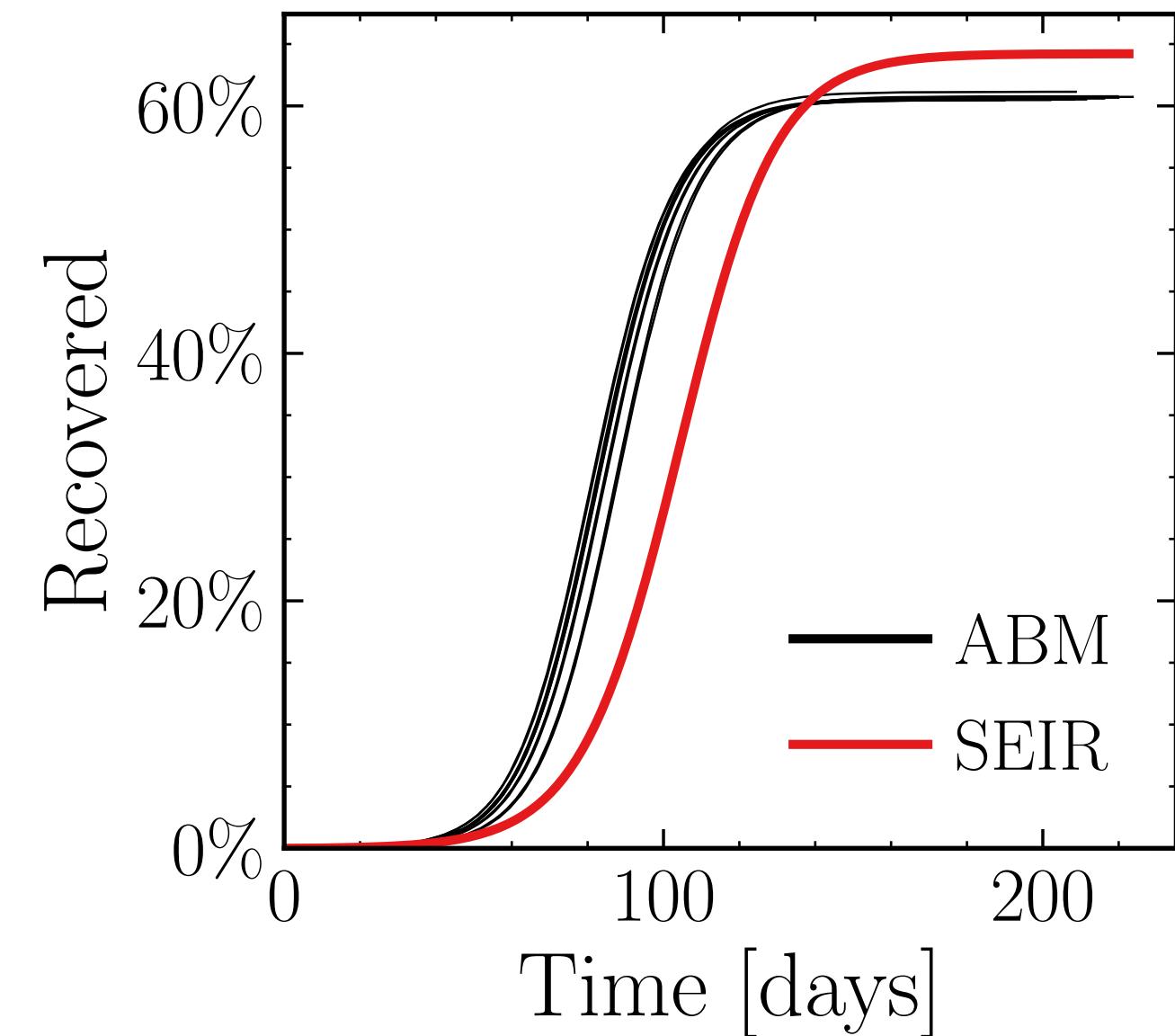
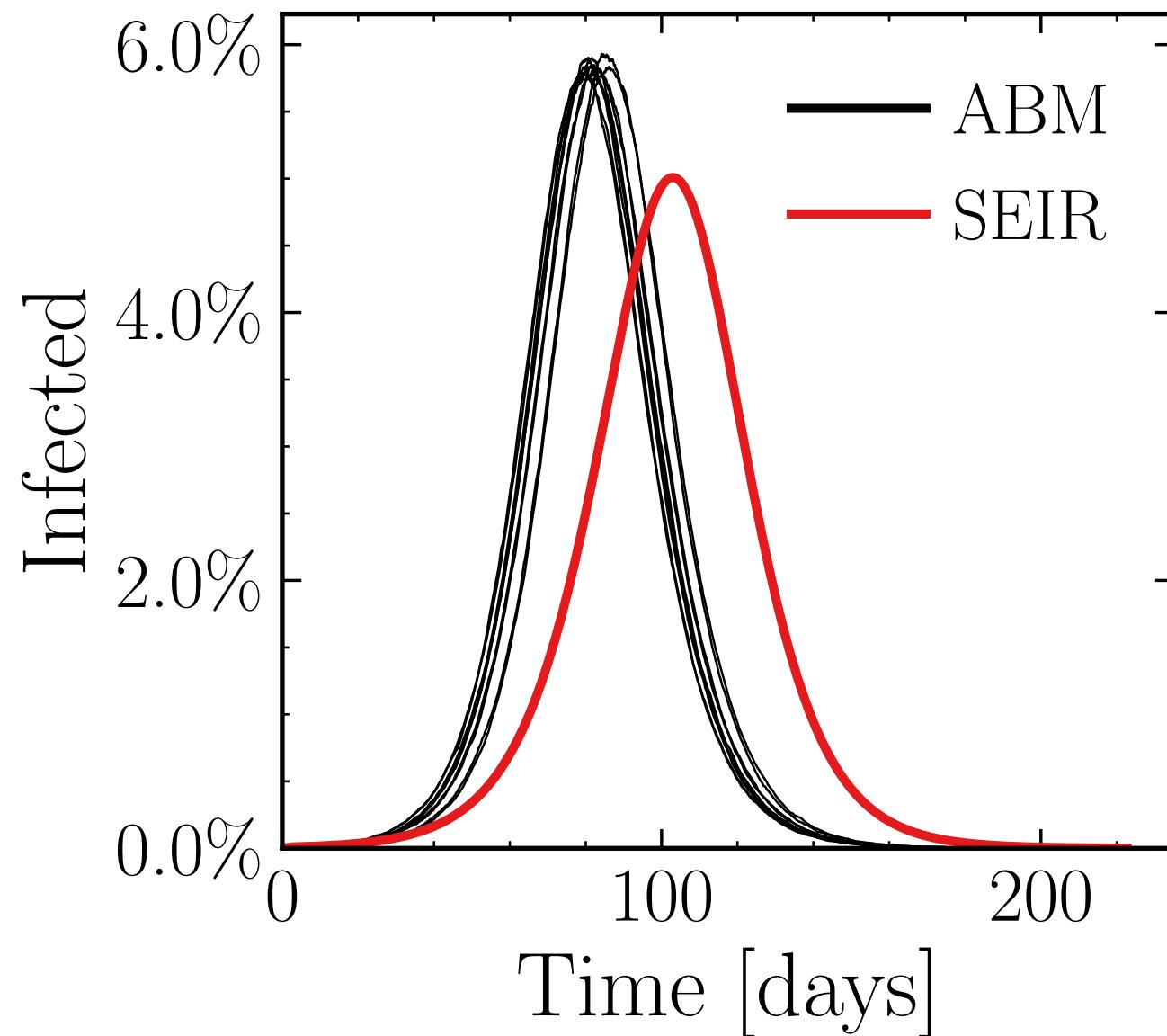
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (33.92 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 25dbc6faf6, #10

$R_\infty^{\text{ABM}} = (351.8 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.95$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

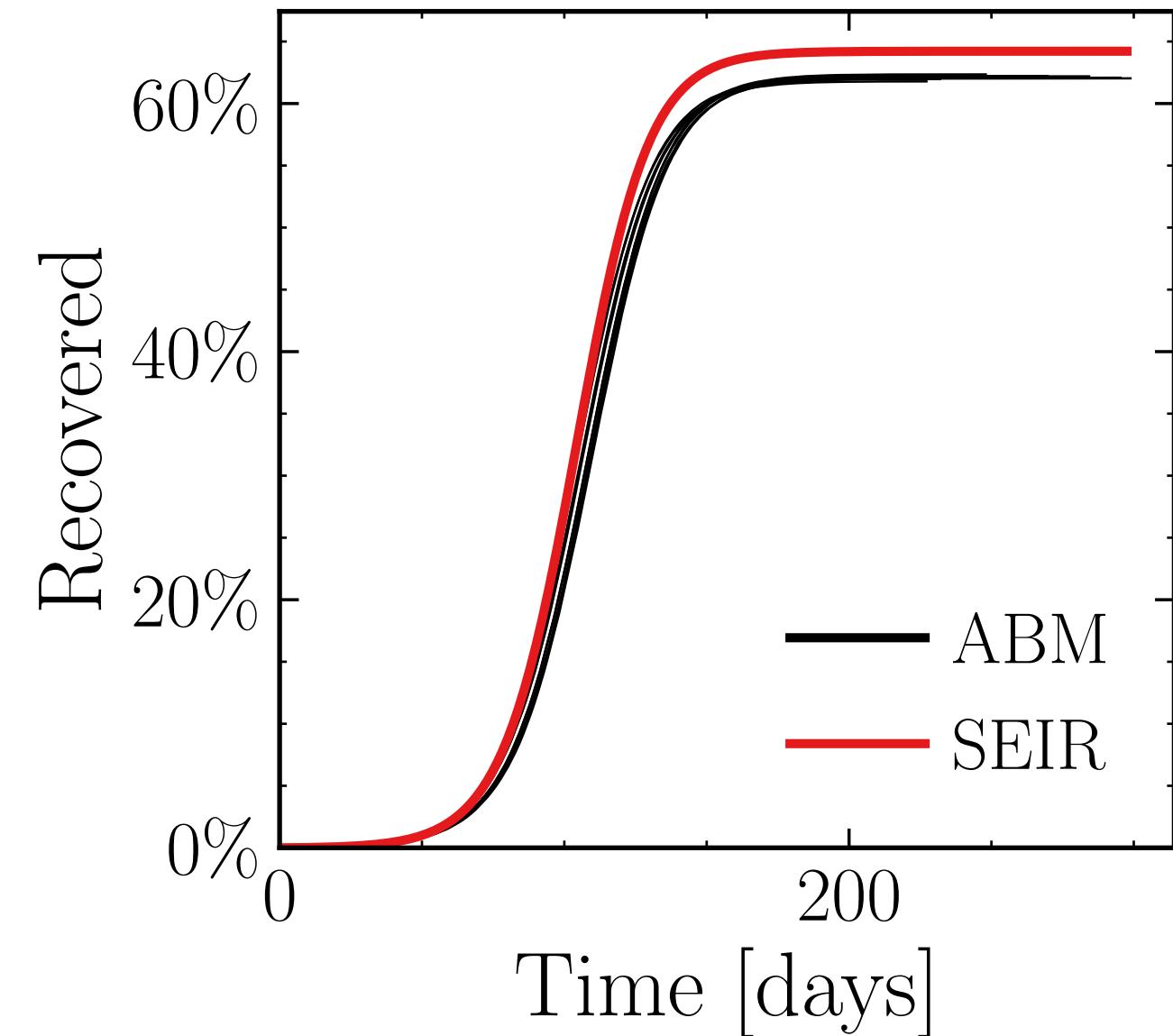
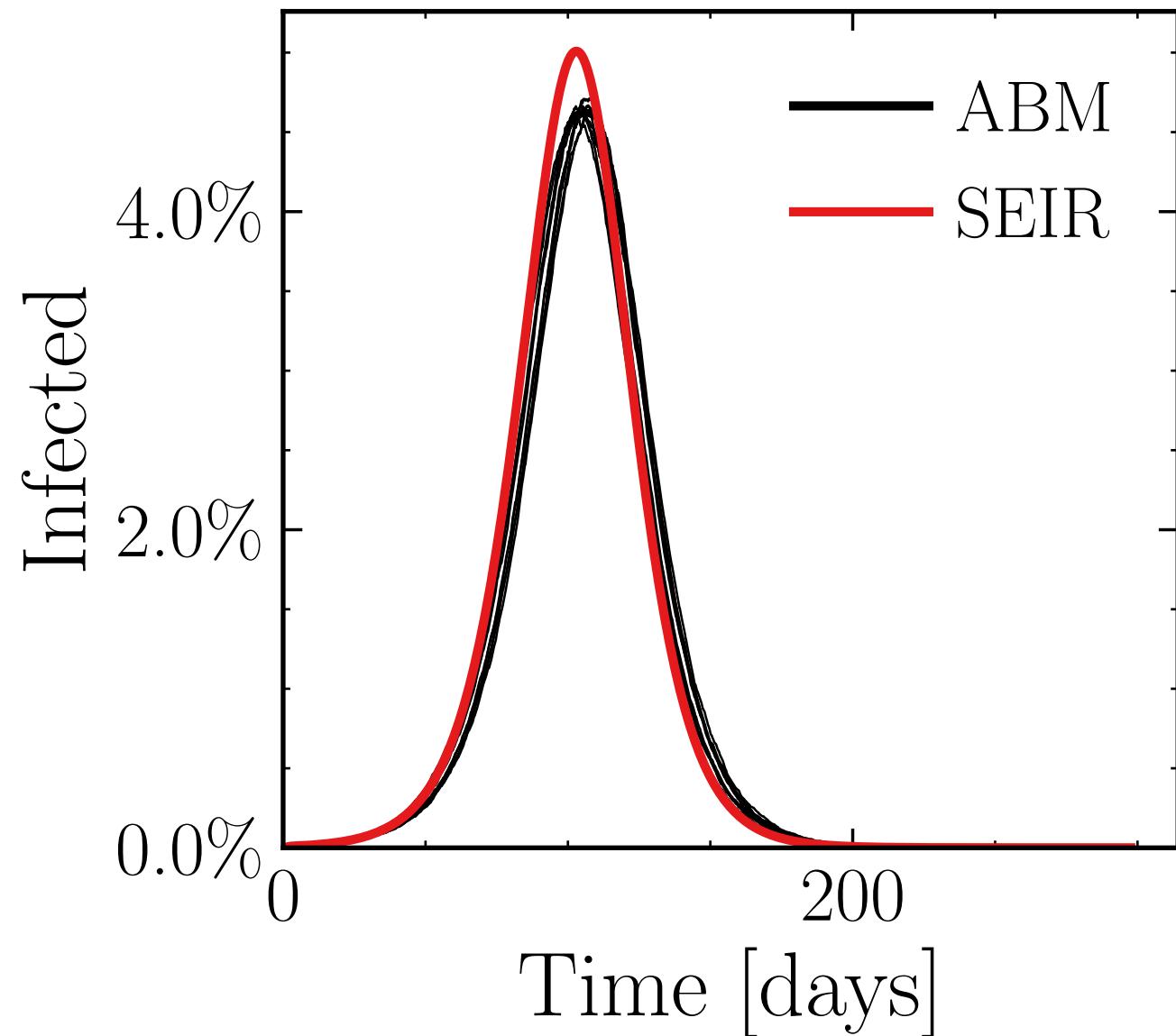
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (26.95 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = a27859e864, #10

$R_\infty^{\text{ABM}} = (360.2 \pm 0.075\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.99$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

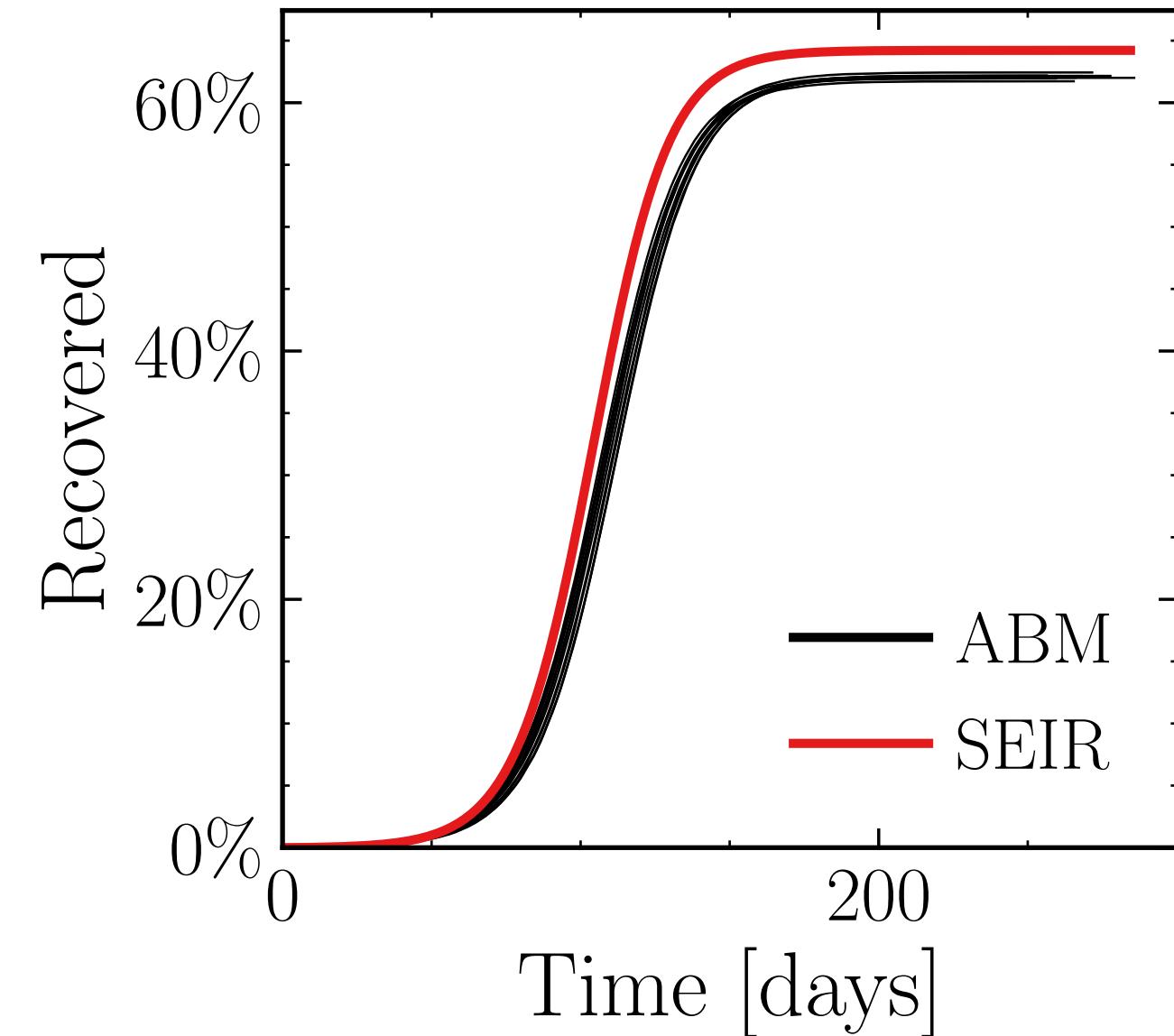
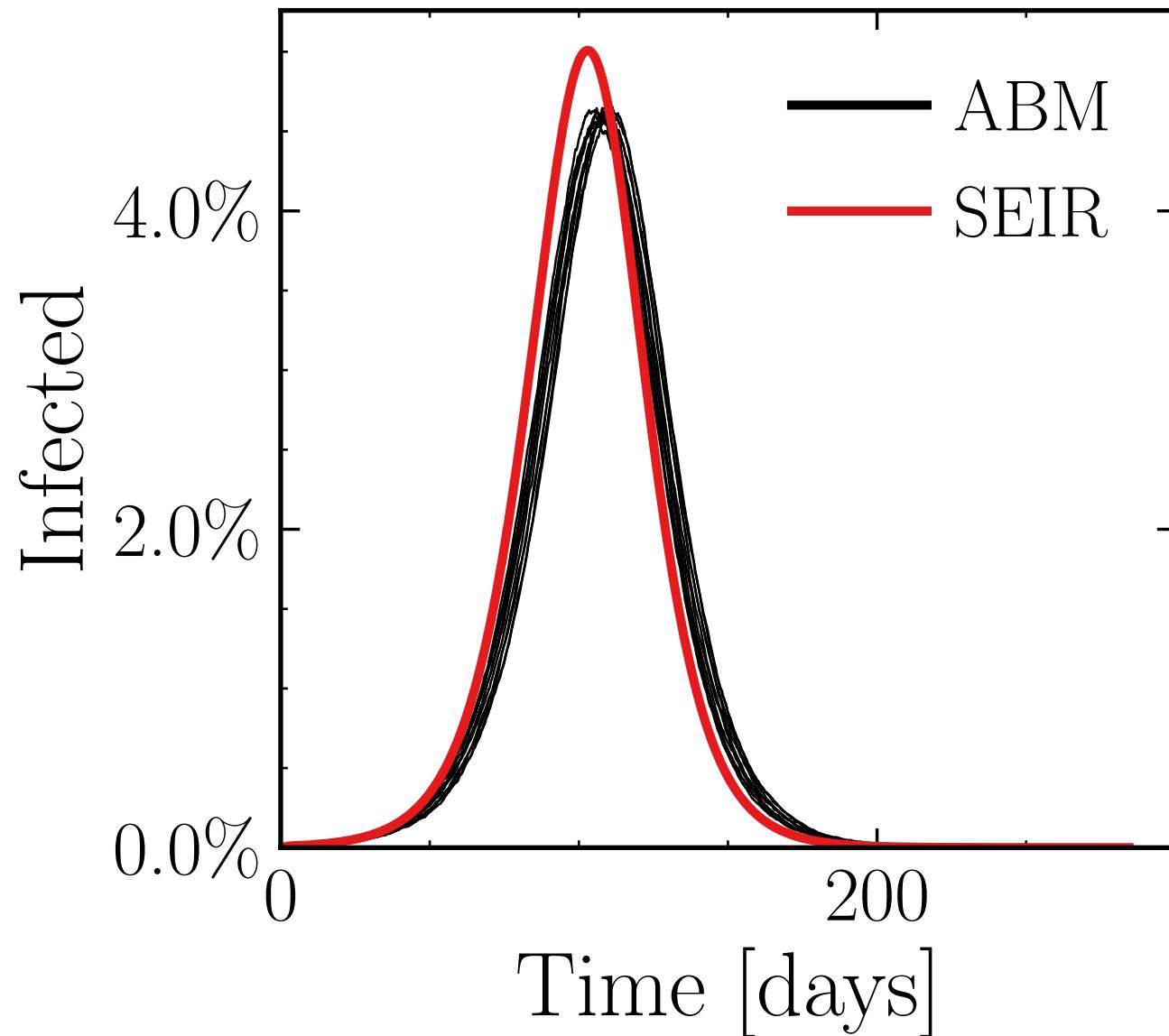
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

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

v. = 1.0, hash = 2daa1c88ce, #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, $N_{\text{init}} = 100$

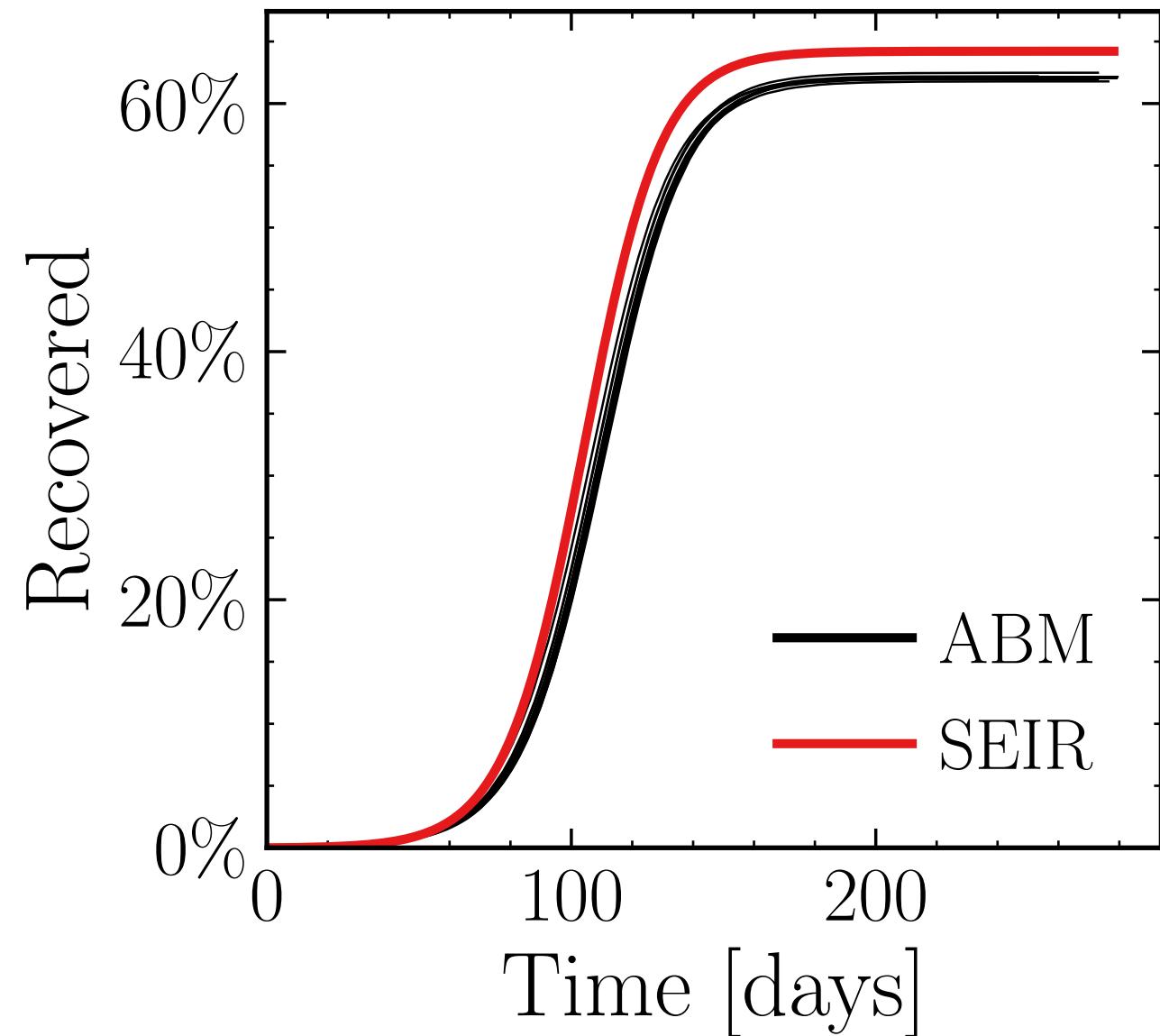
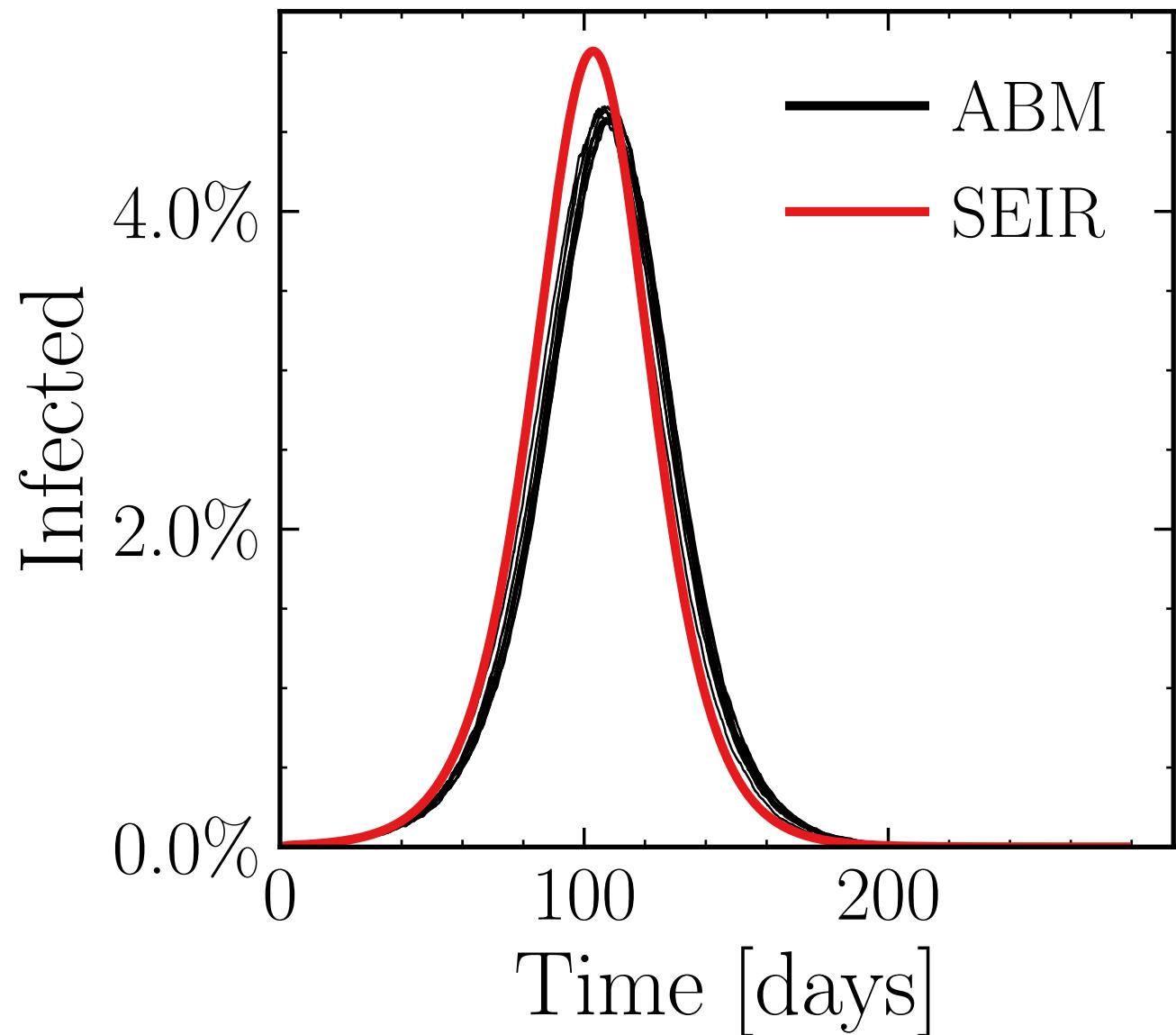
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

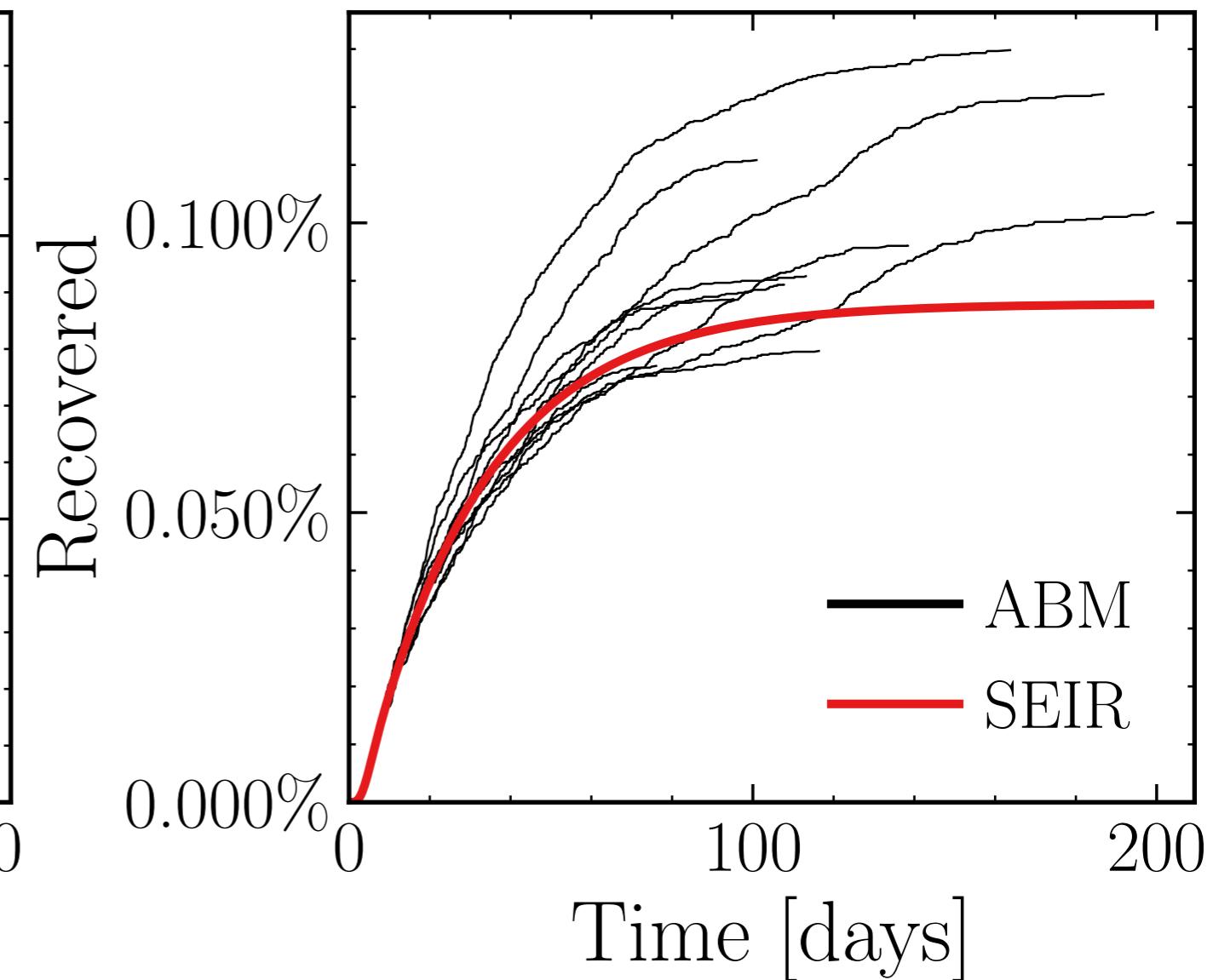
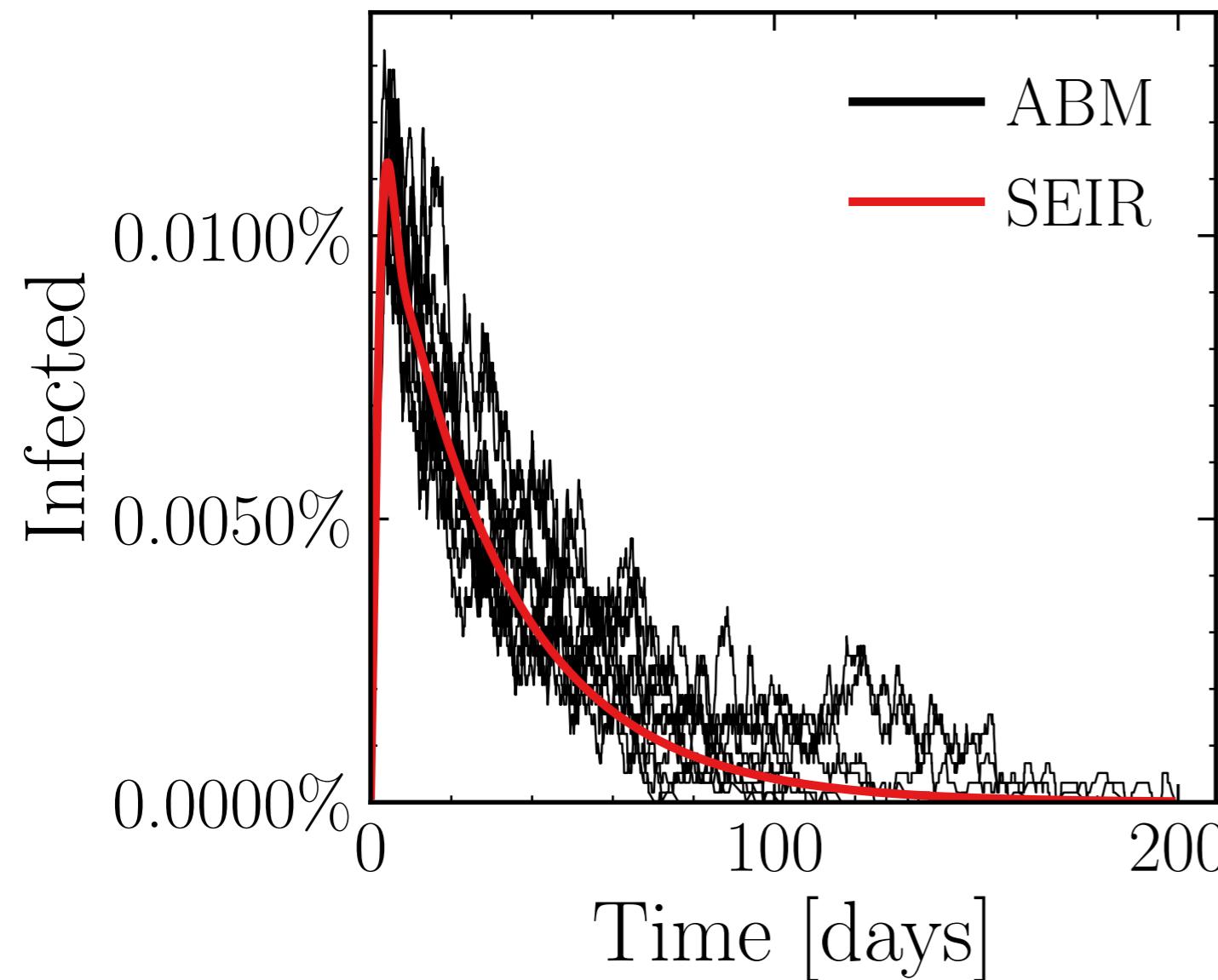
$I_{\text{peak}}^{\text{ABM}} = (26.74 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 938c3917eb, #10

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



$N_{\text{tot}} = 580K$, $\rho = 0.01$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (70 \pm 2.6\%)$. v. = 1.0, hash = e356ea3a6a, #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, $N_{\text{init}} = 100$

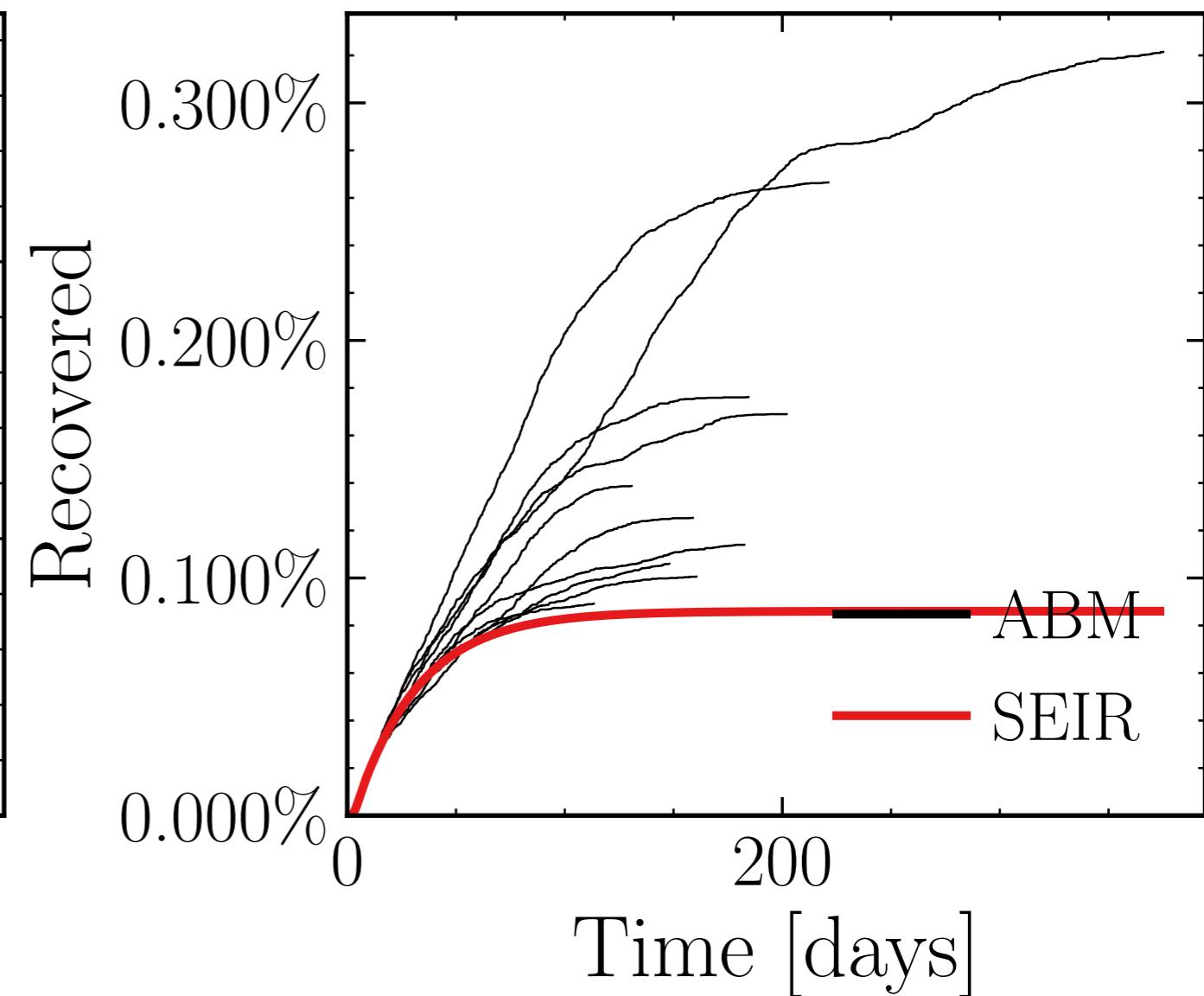
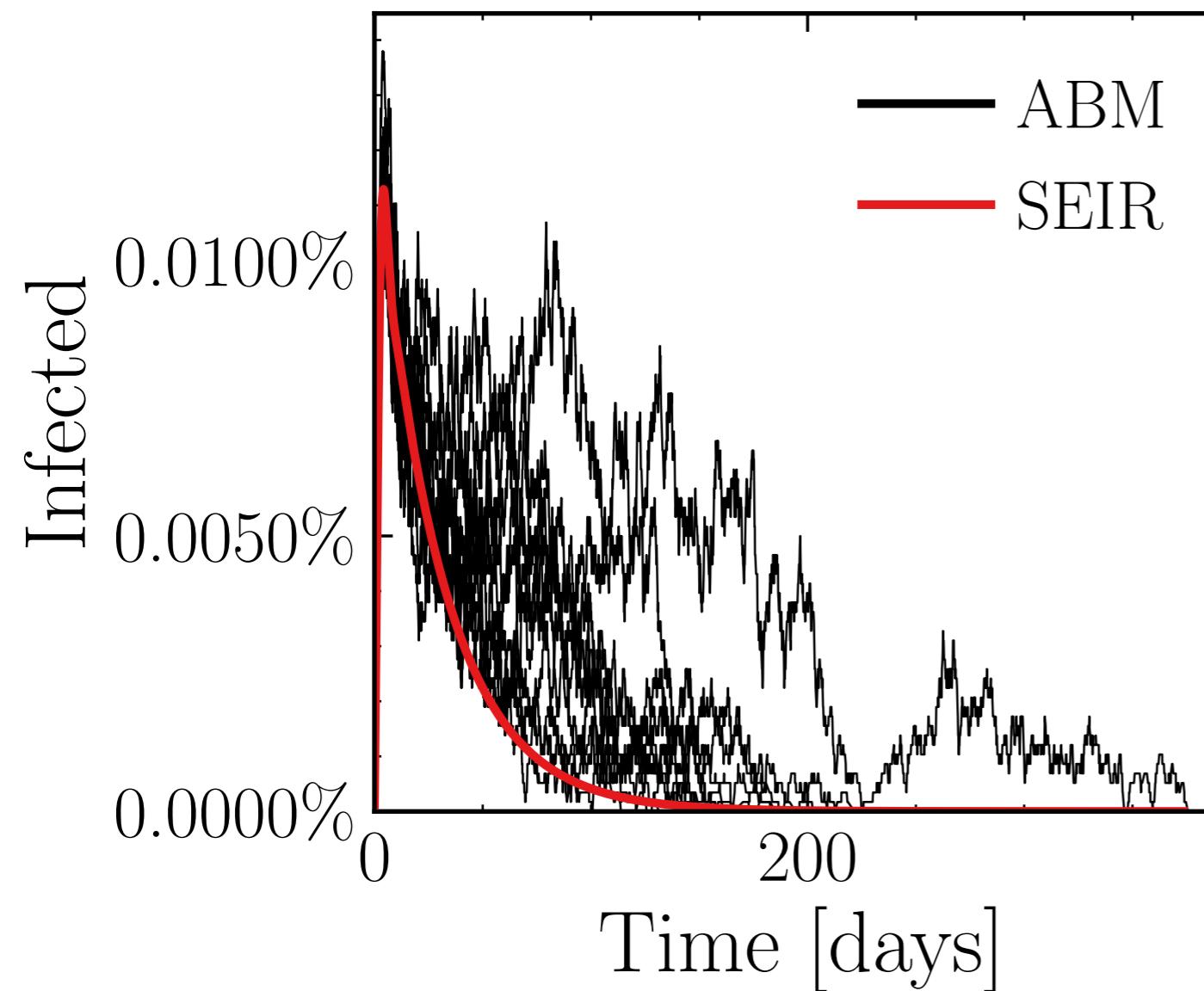
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

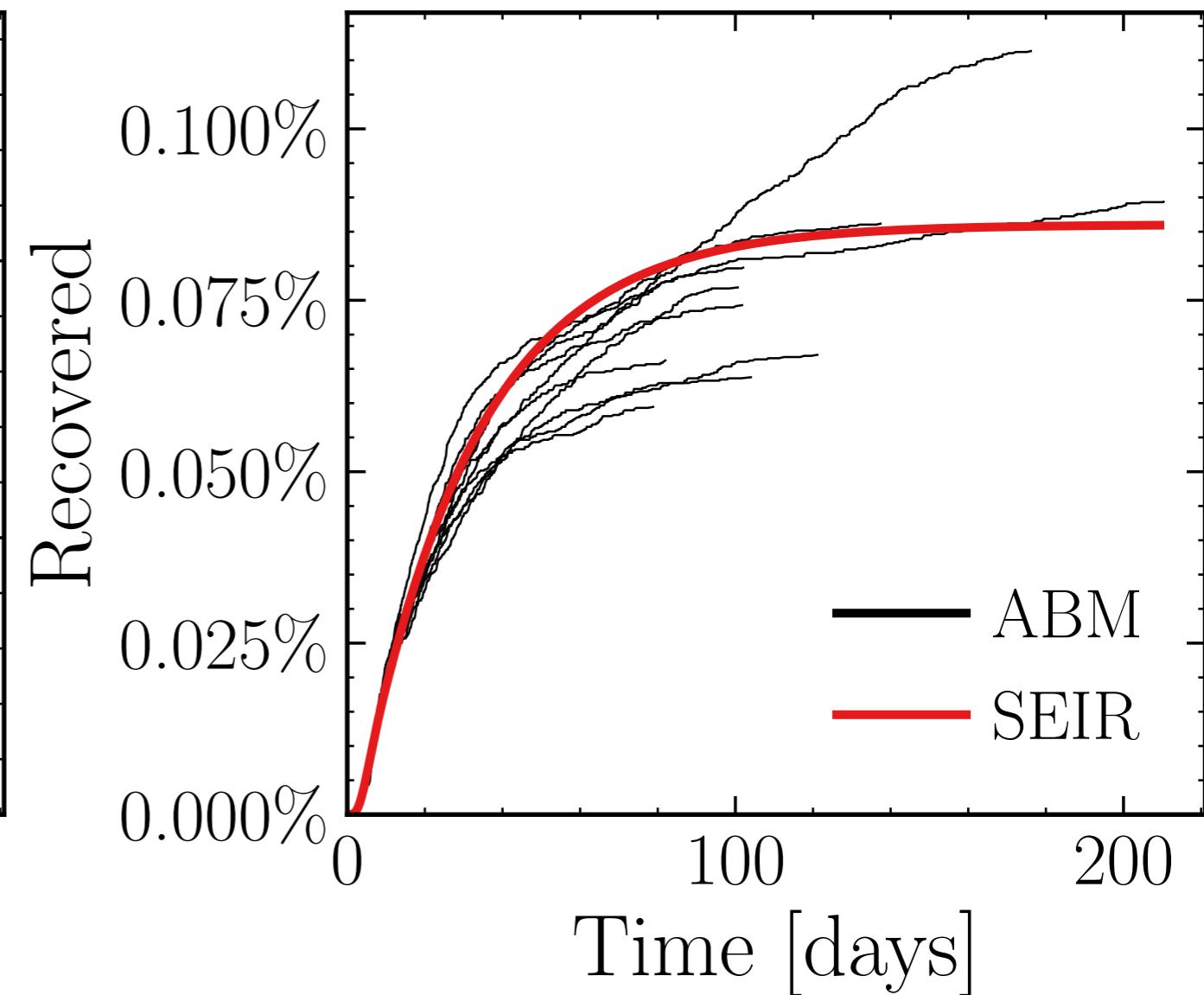
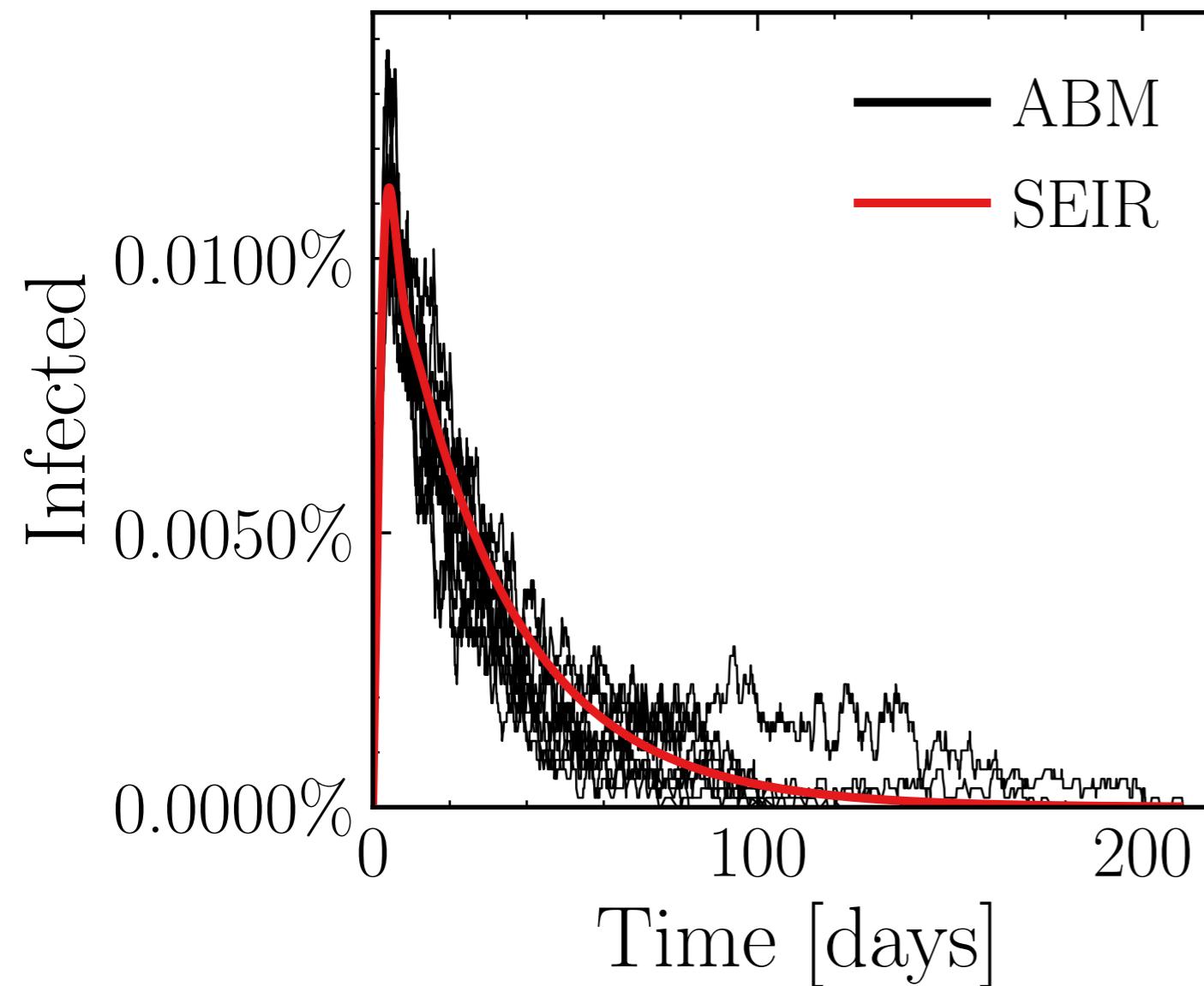
$I_{\text{peak}}^{\text{ABM}} = (69 \pm 2.4\%)$.

v. = 1.0, hash = 2719227c1e, #10

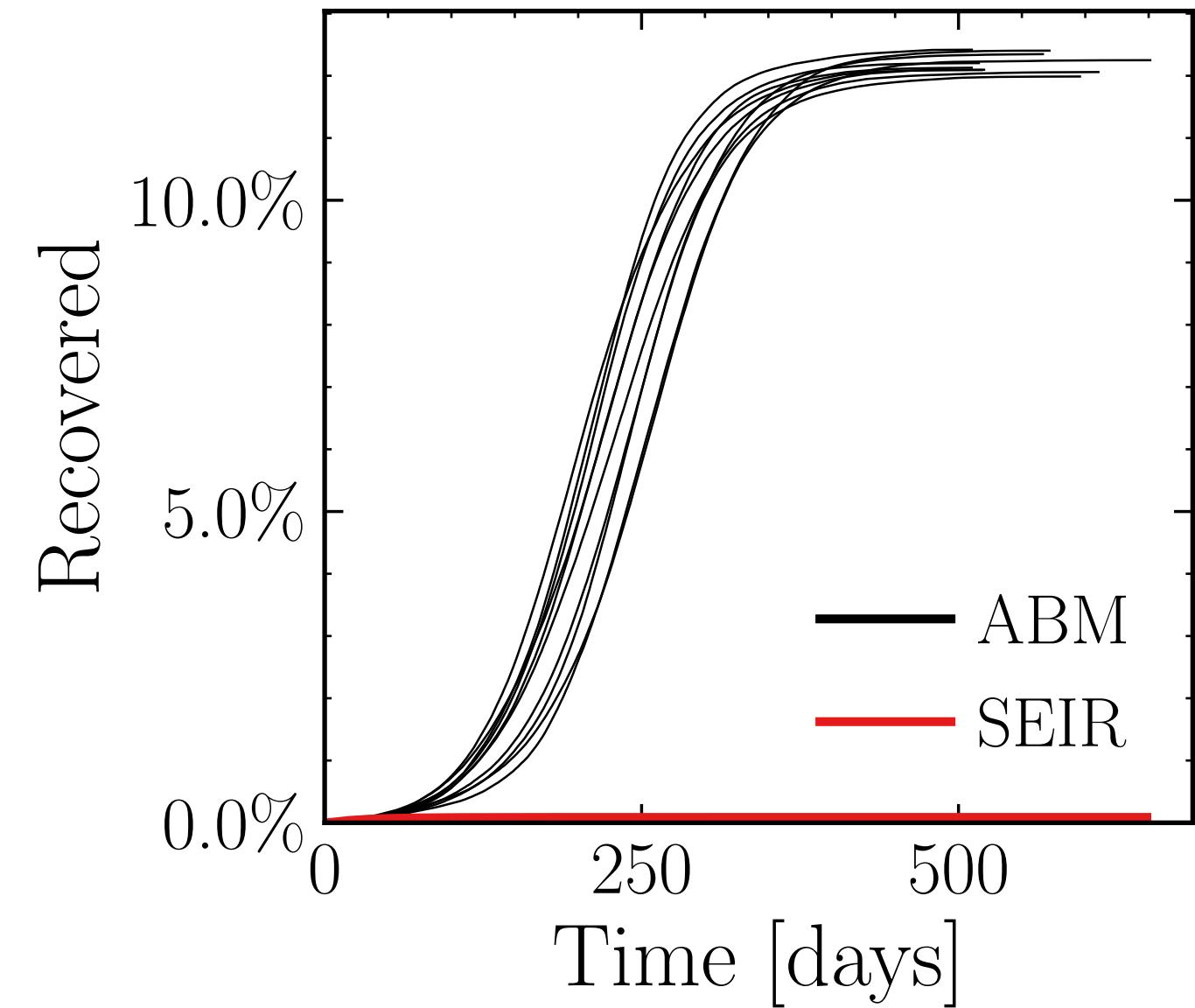
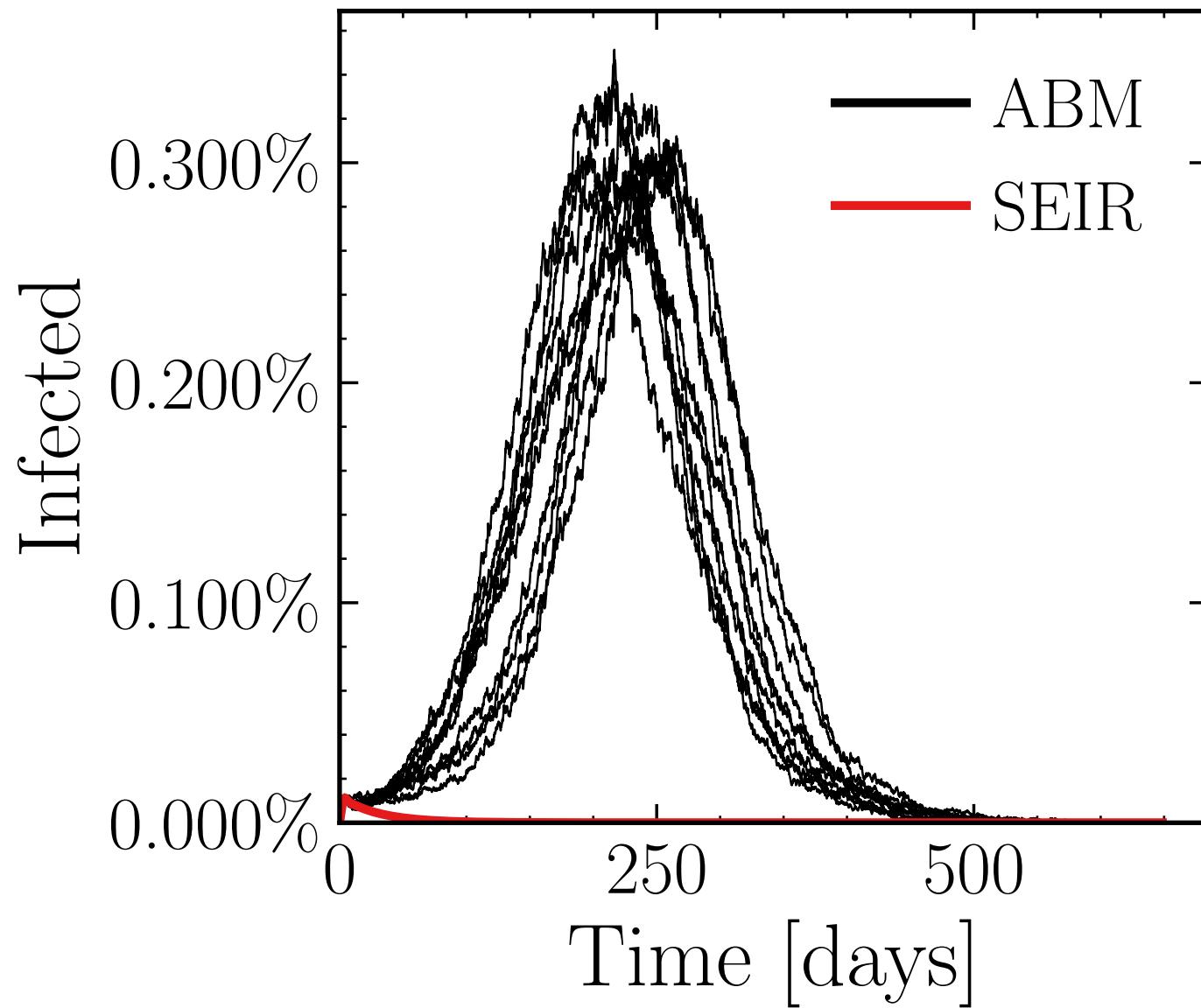
$R_\infty^{\text{ABM}} = (900 \pm 1.4e + 01\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (71 \pm 2.8\%)$. v. = 1.0, hash = 472584e071, #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, $N_{\text{connect}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (1.82 \pm 2.1\%) \cdot 10^3$ v. = 1.0, hash = 216ddd77ad, #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, $N_{\text{init}} = 100$

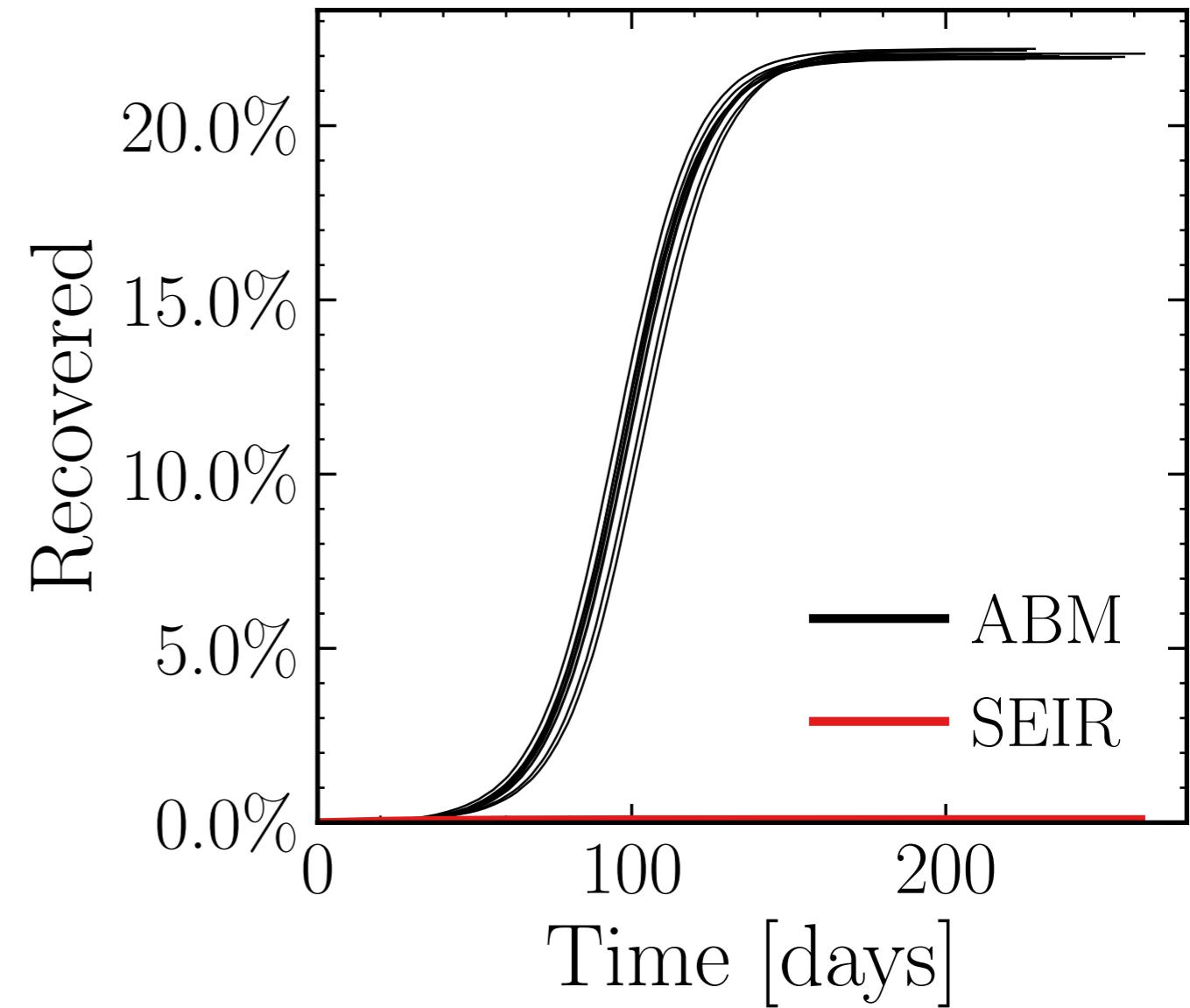
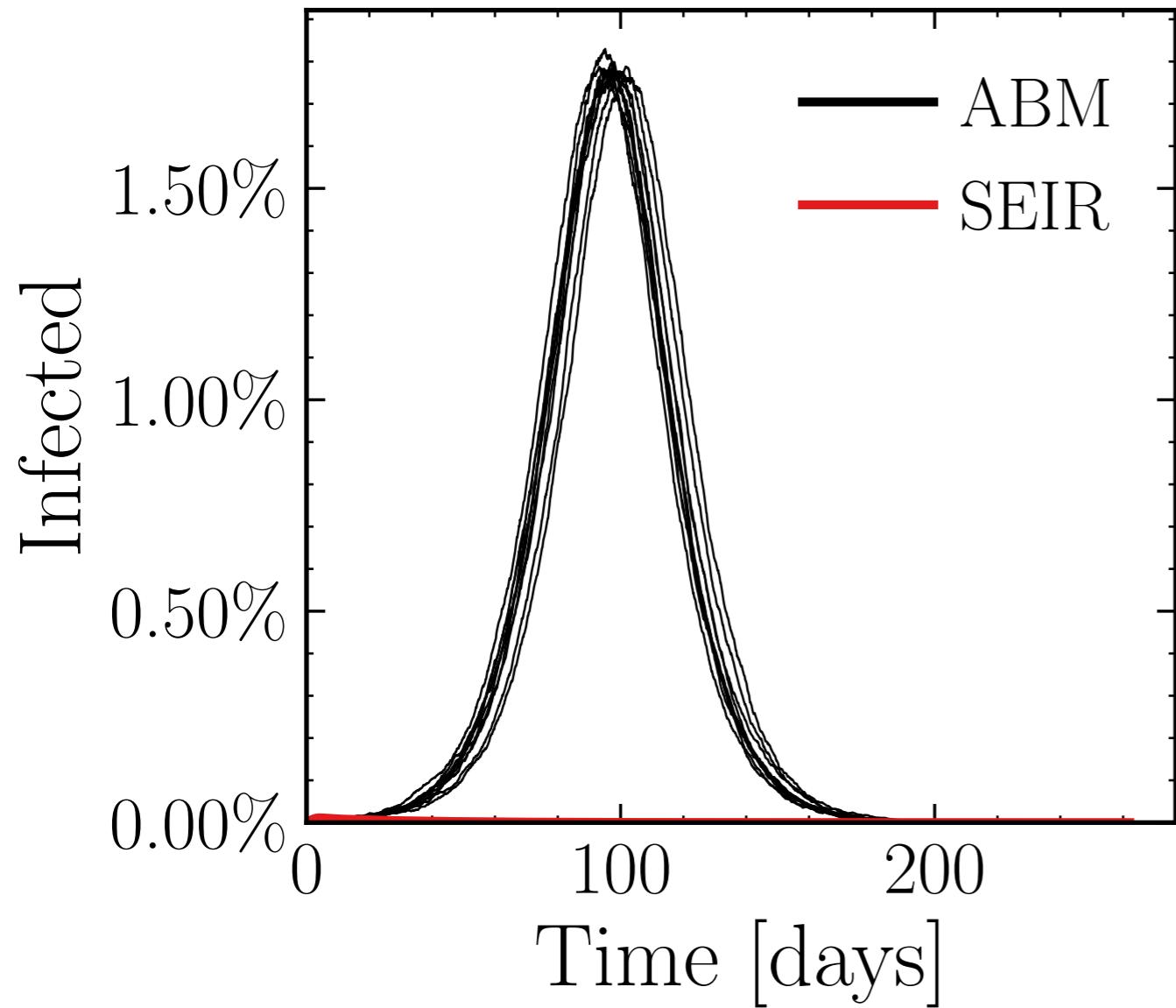
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

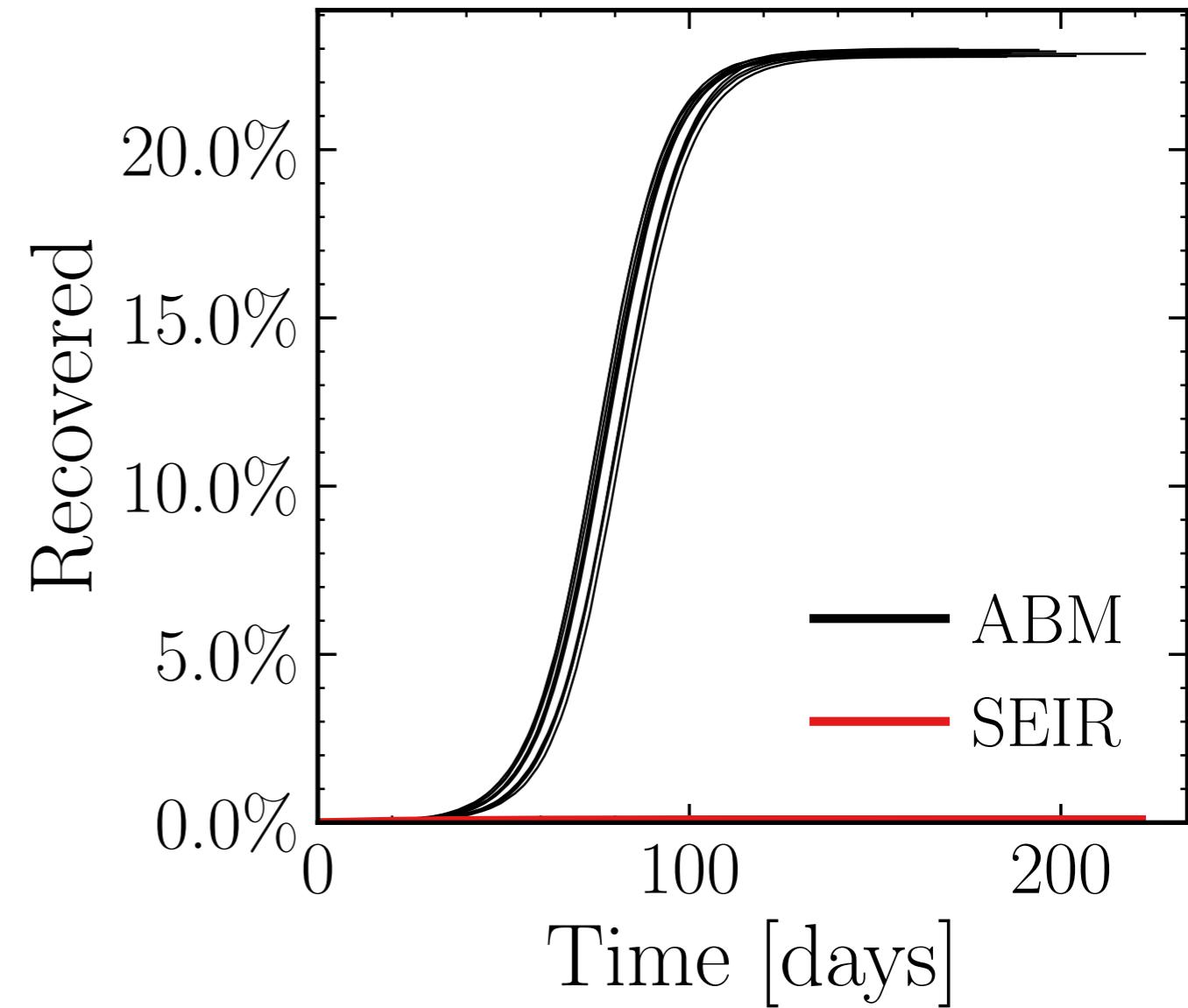
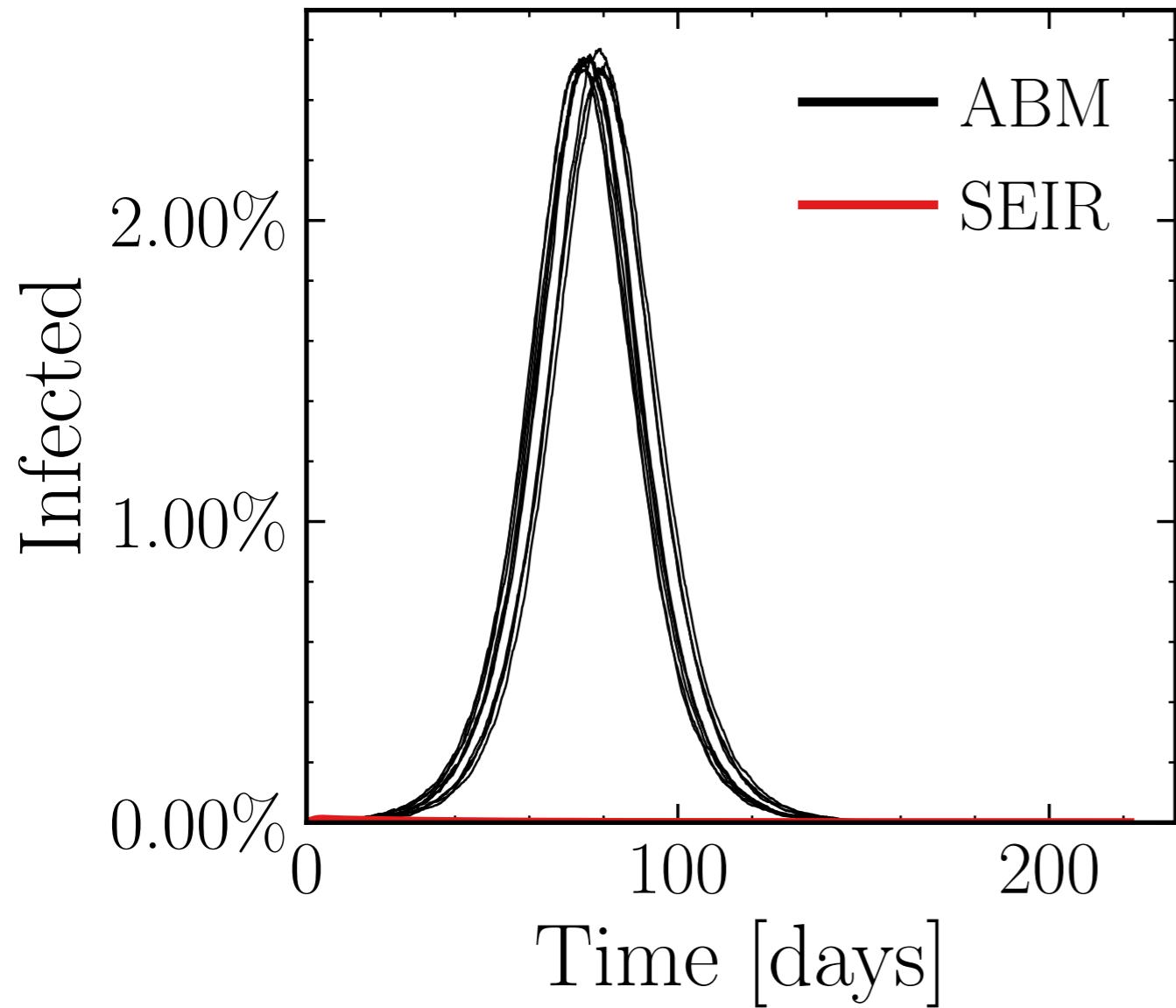
$I_{\text{peak}}^{\text{ABM}} = (10.34 \pm 0.38\%) \cdot 10^3$

v. = 1.0, hash = 8badda8f04, #10

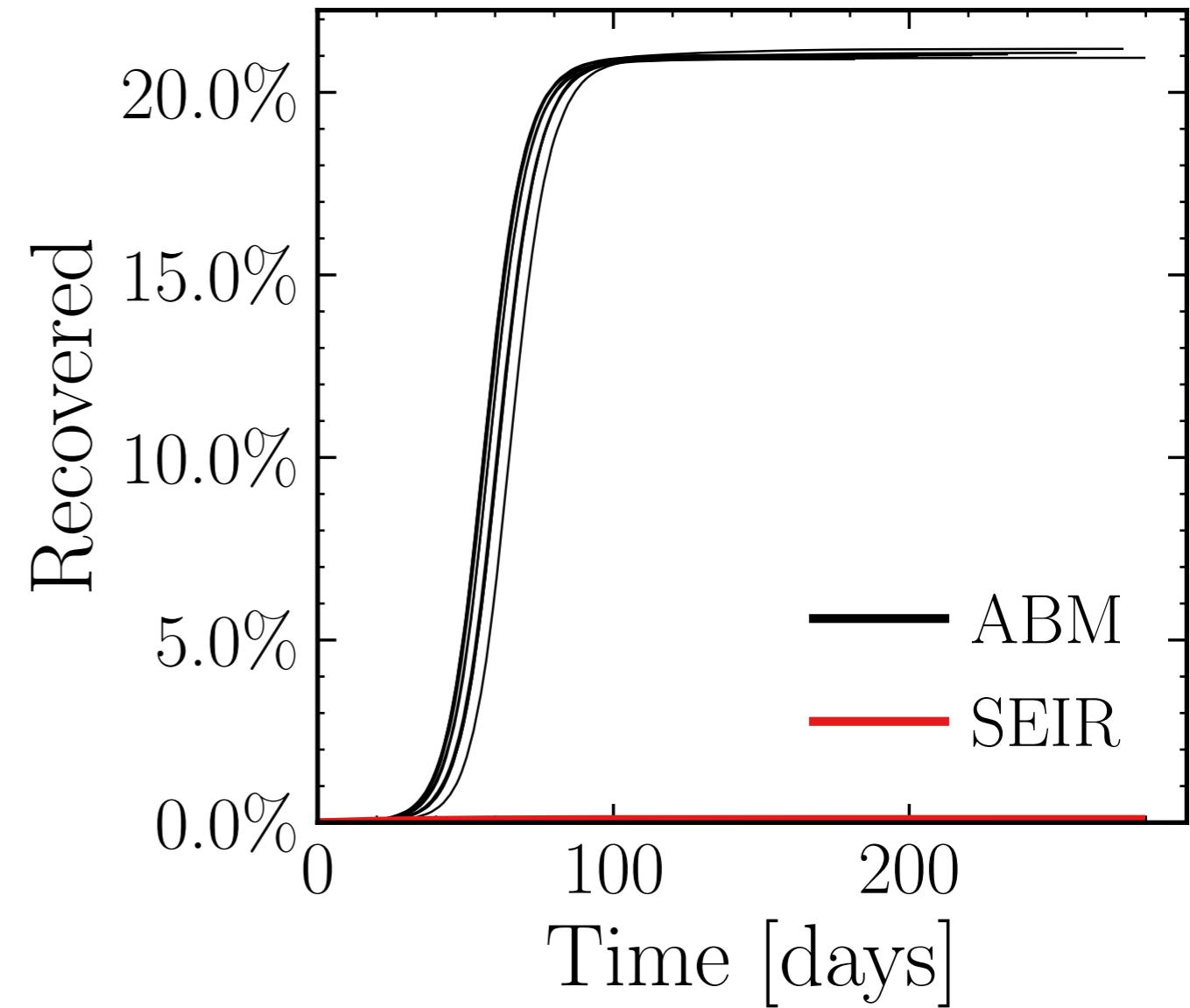
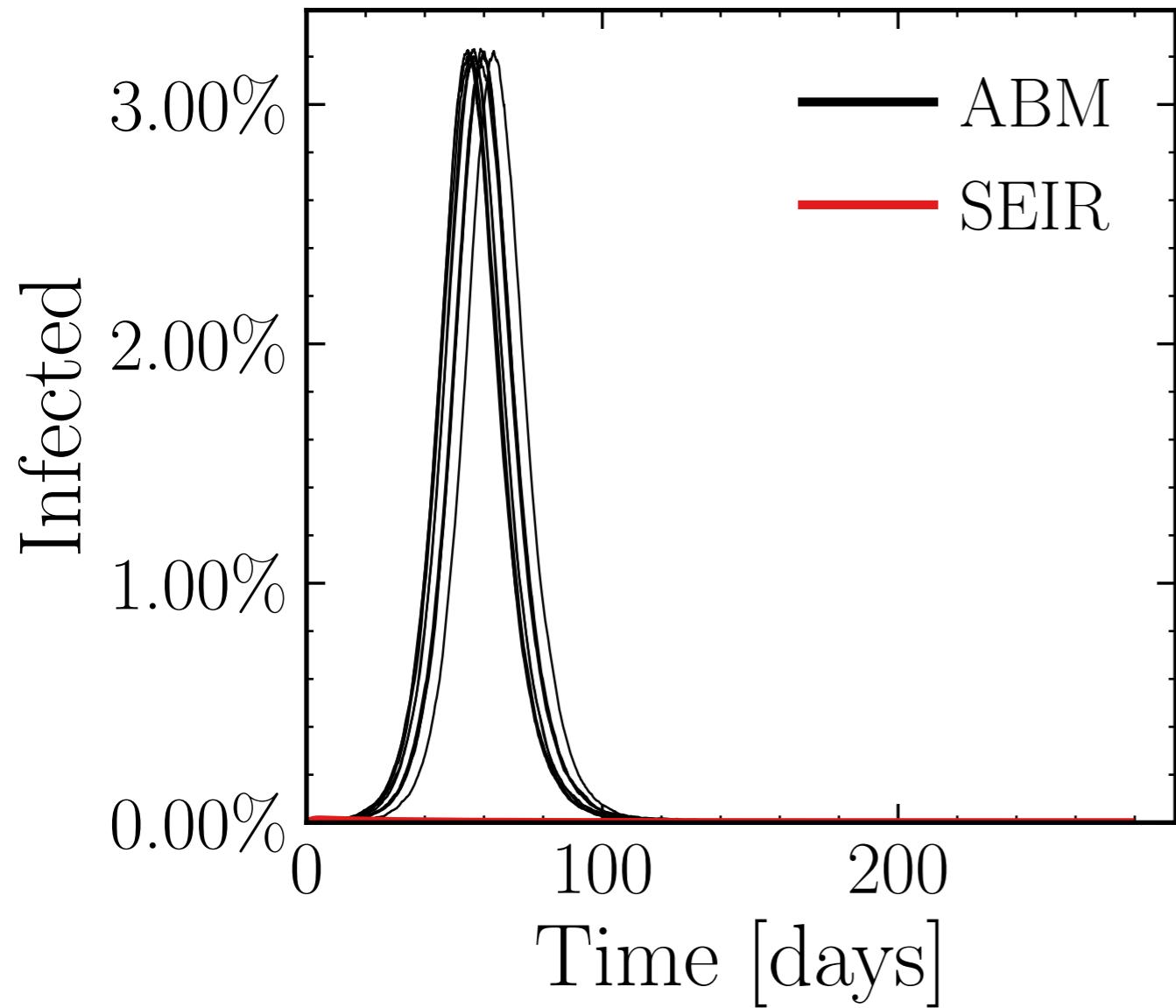
$R_\infty^{\text{ABM}} = (127.9 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (14.67 \pm 0.26\%) \cdot 10^3$ v. = 1.0, hash = 1b9787bce8, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (18.64 \pm 0.17\%) \cdot 10^3$ v. = 1.0, hash = c4f0607976, #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, $N_{\text{init}} = 100$

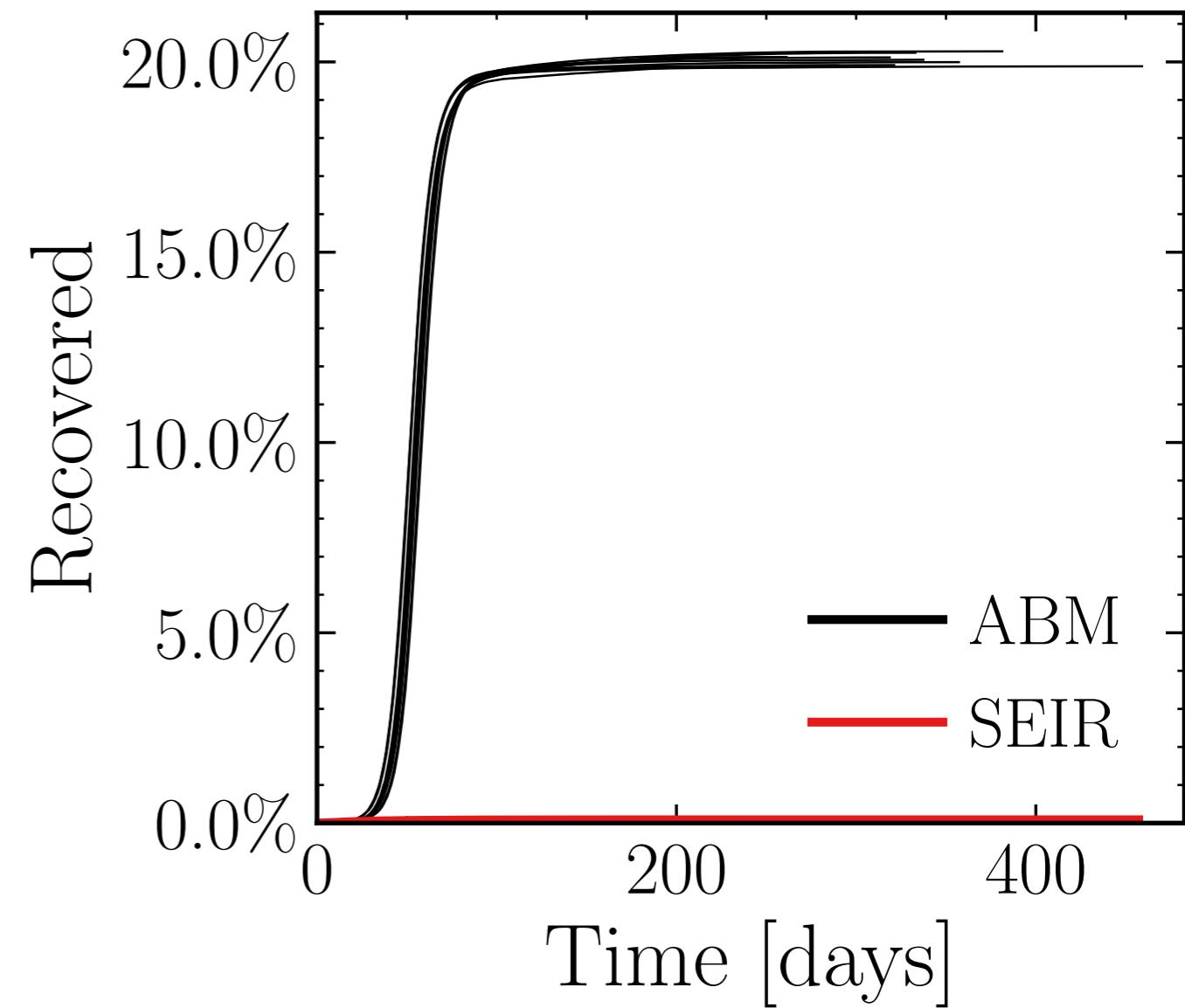
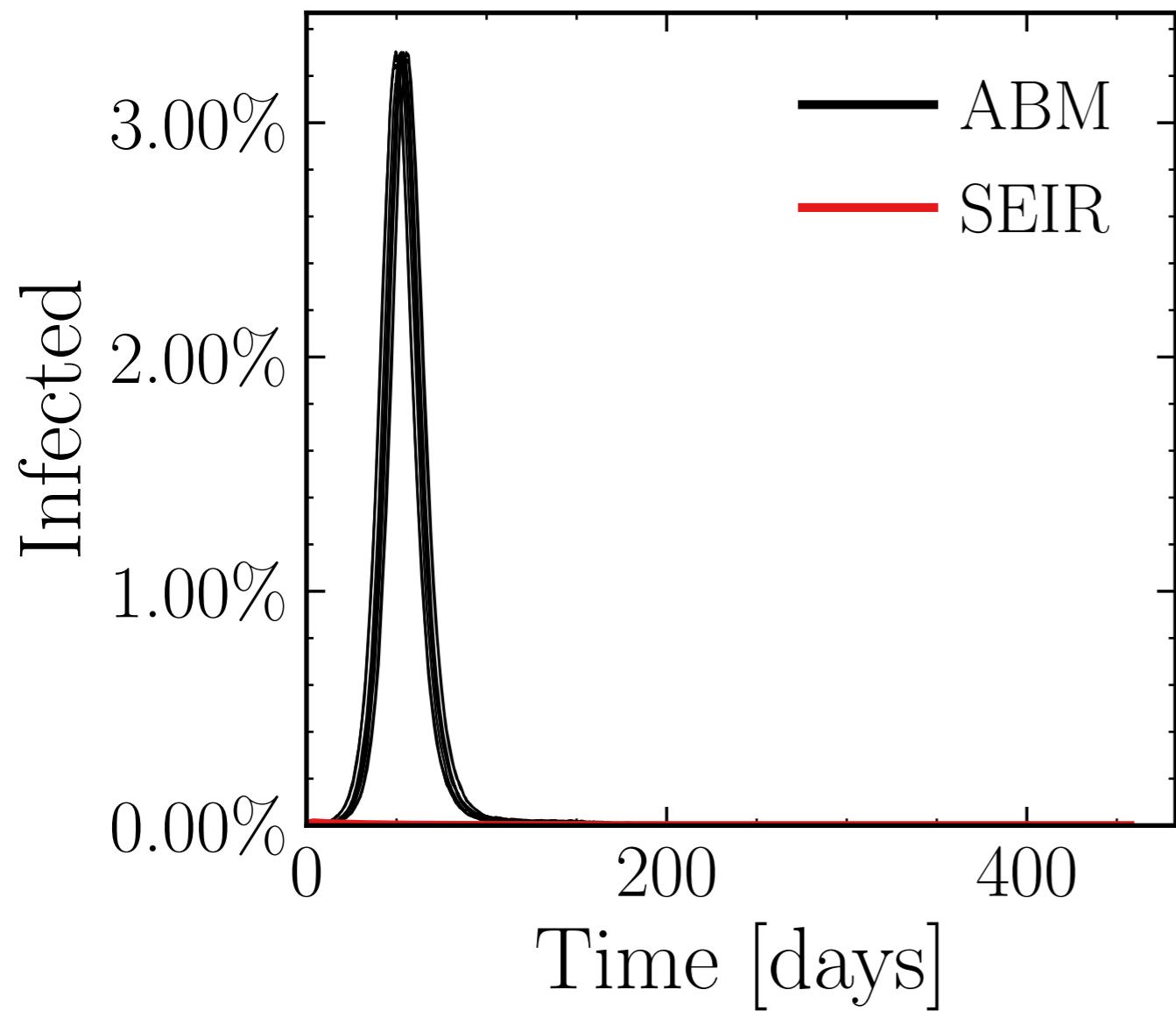
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (19.06 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = off200f535, #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, $N_{\text{init}} = 100$

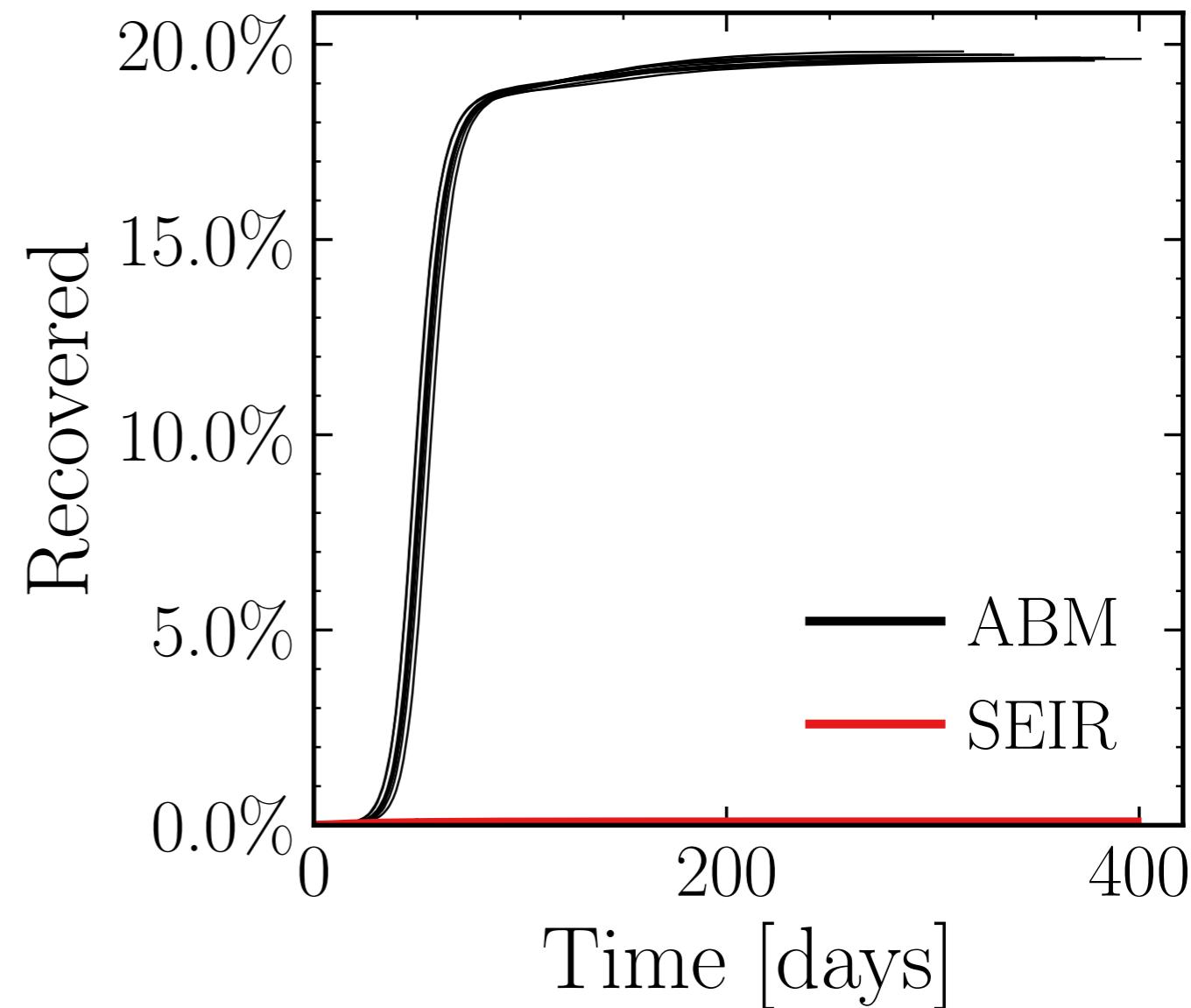
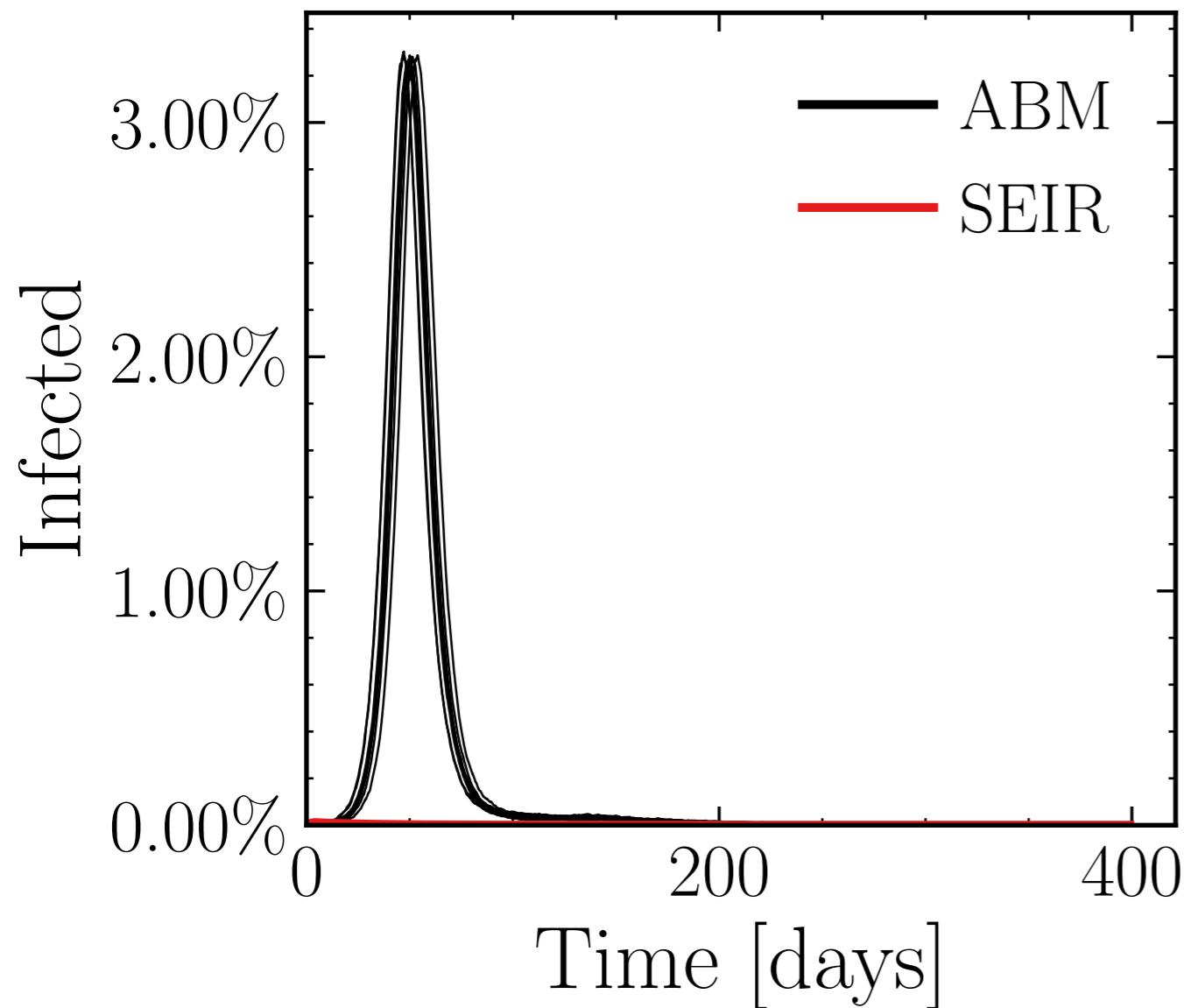
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

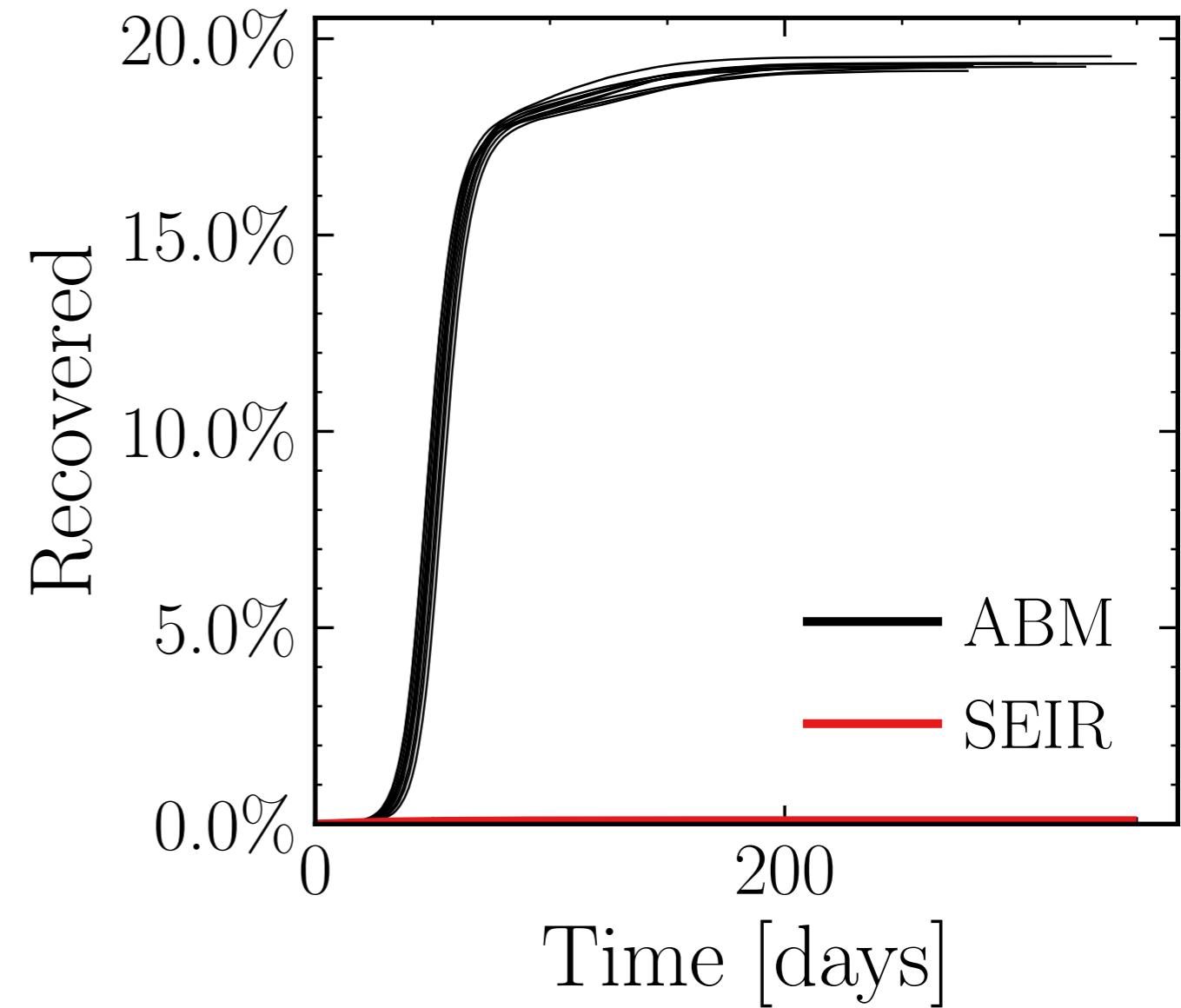
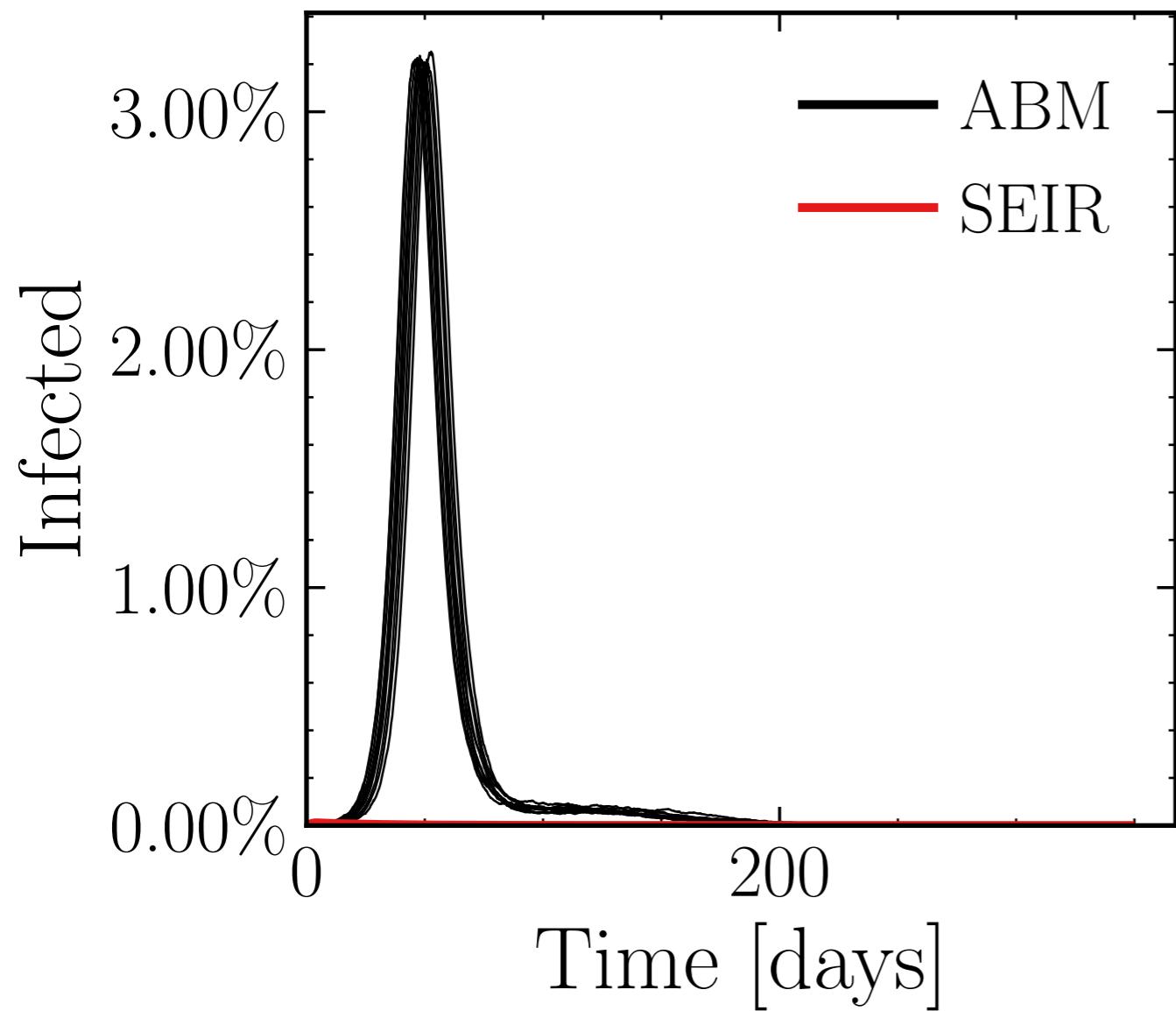
$I_{\text{peak}}^{\text{ABM}} = (18.97 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = ea5231dc4c, #10

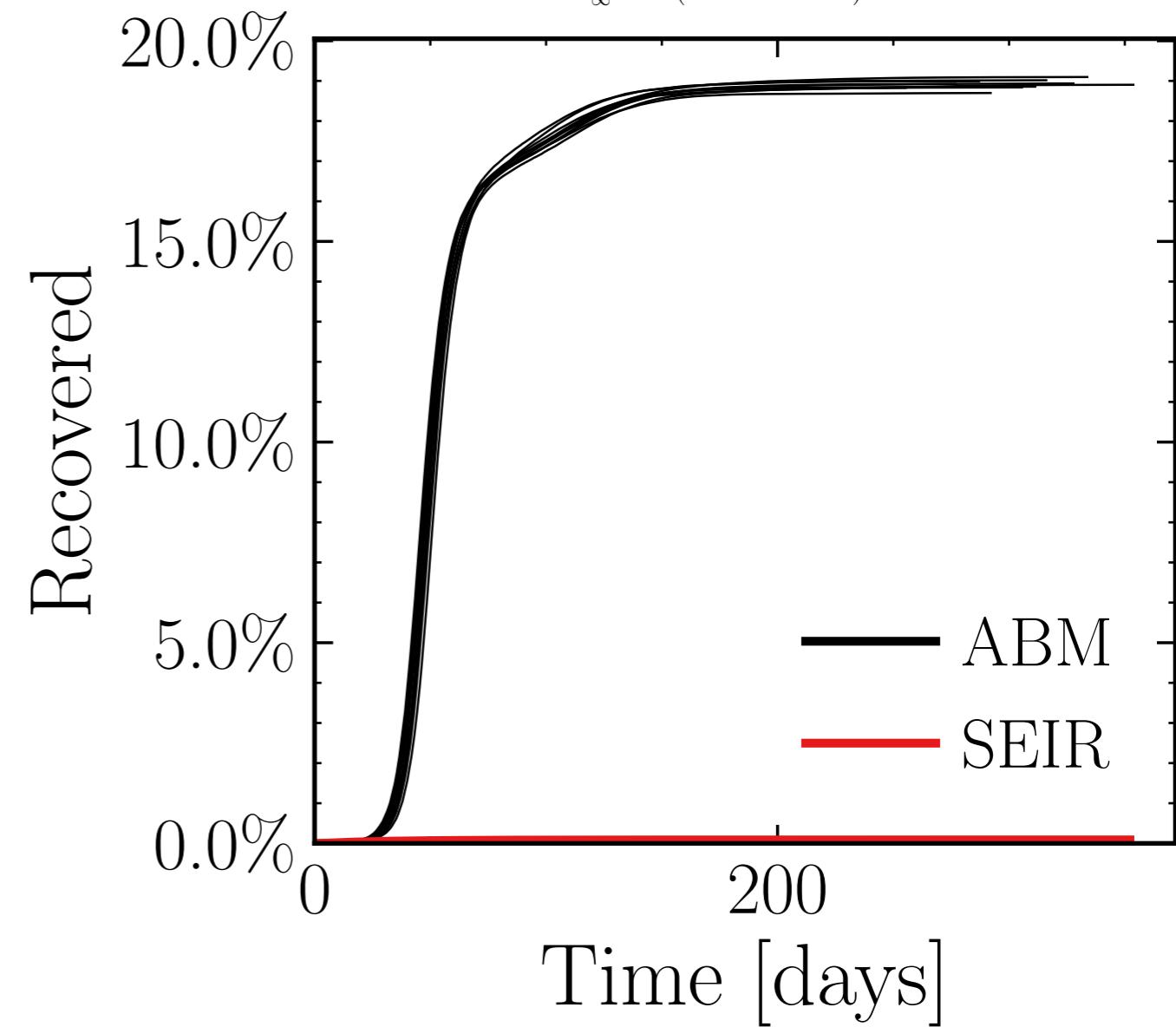
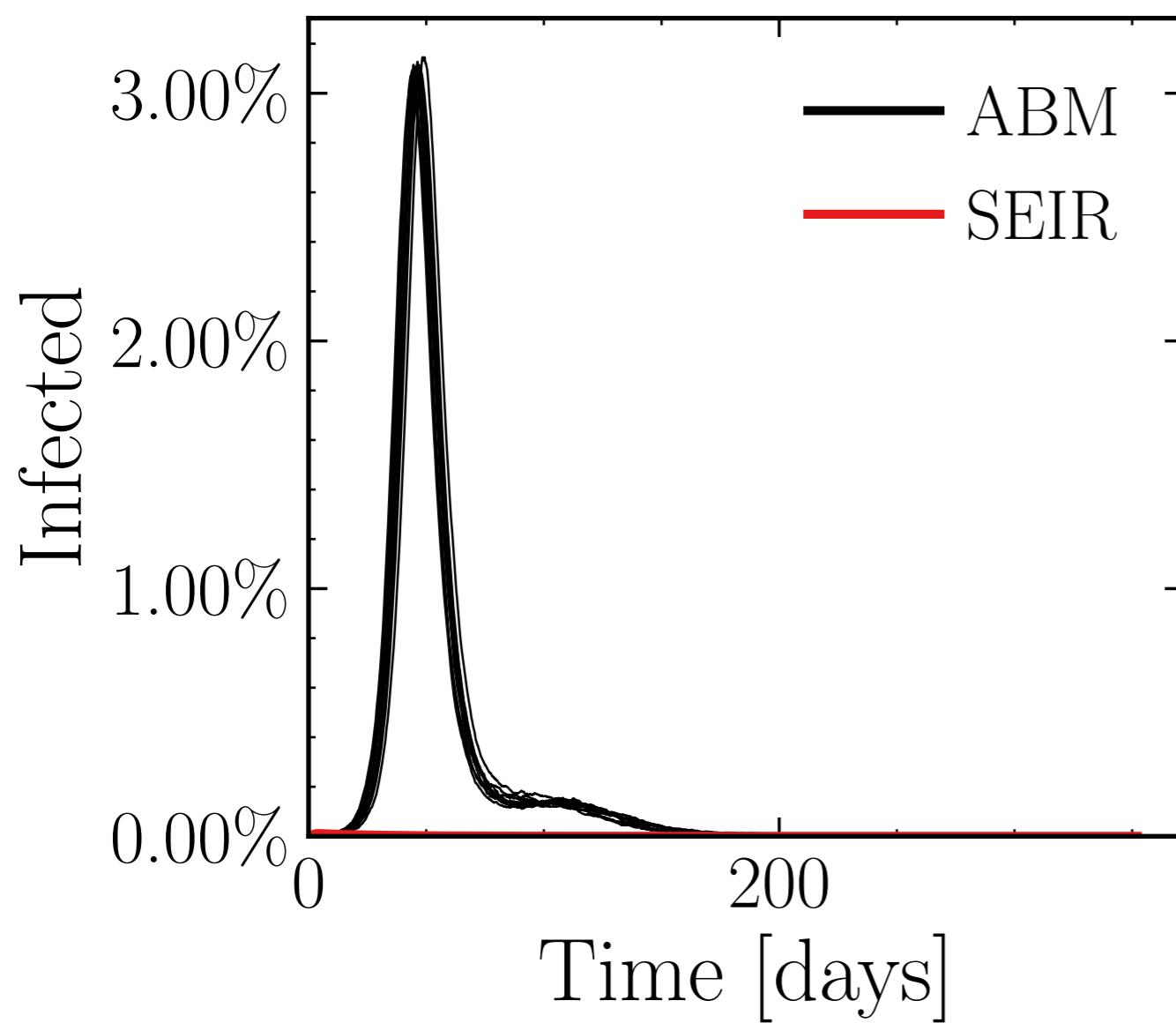
$R_\infty^{\text{ABM}} = (114.1 \pm 0.11\%) \cdot 10^3$



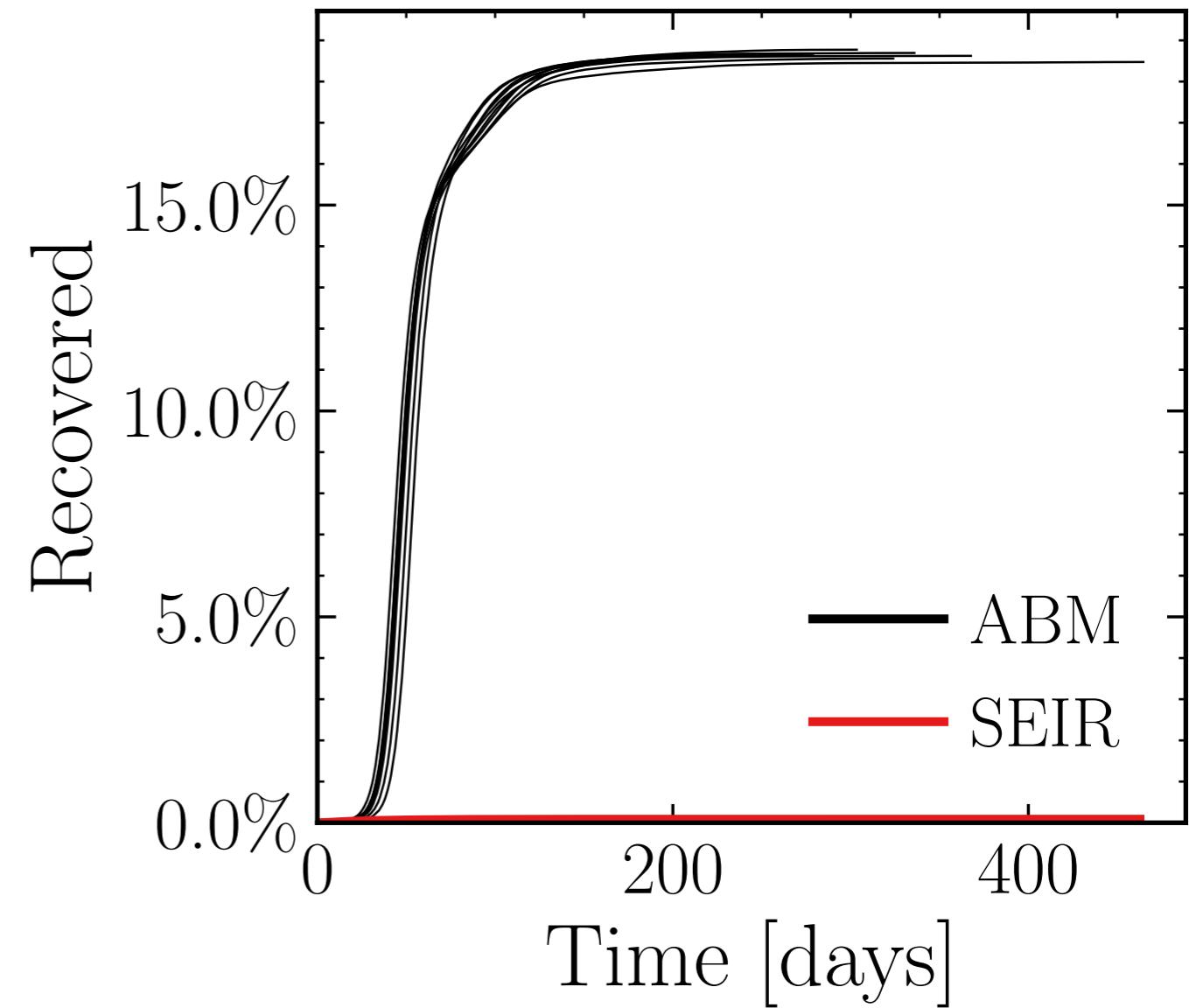
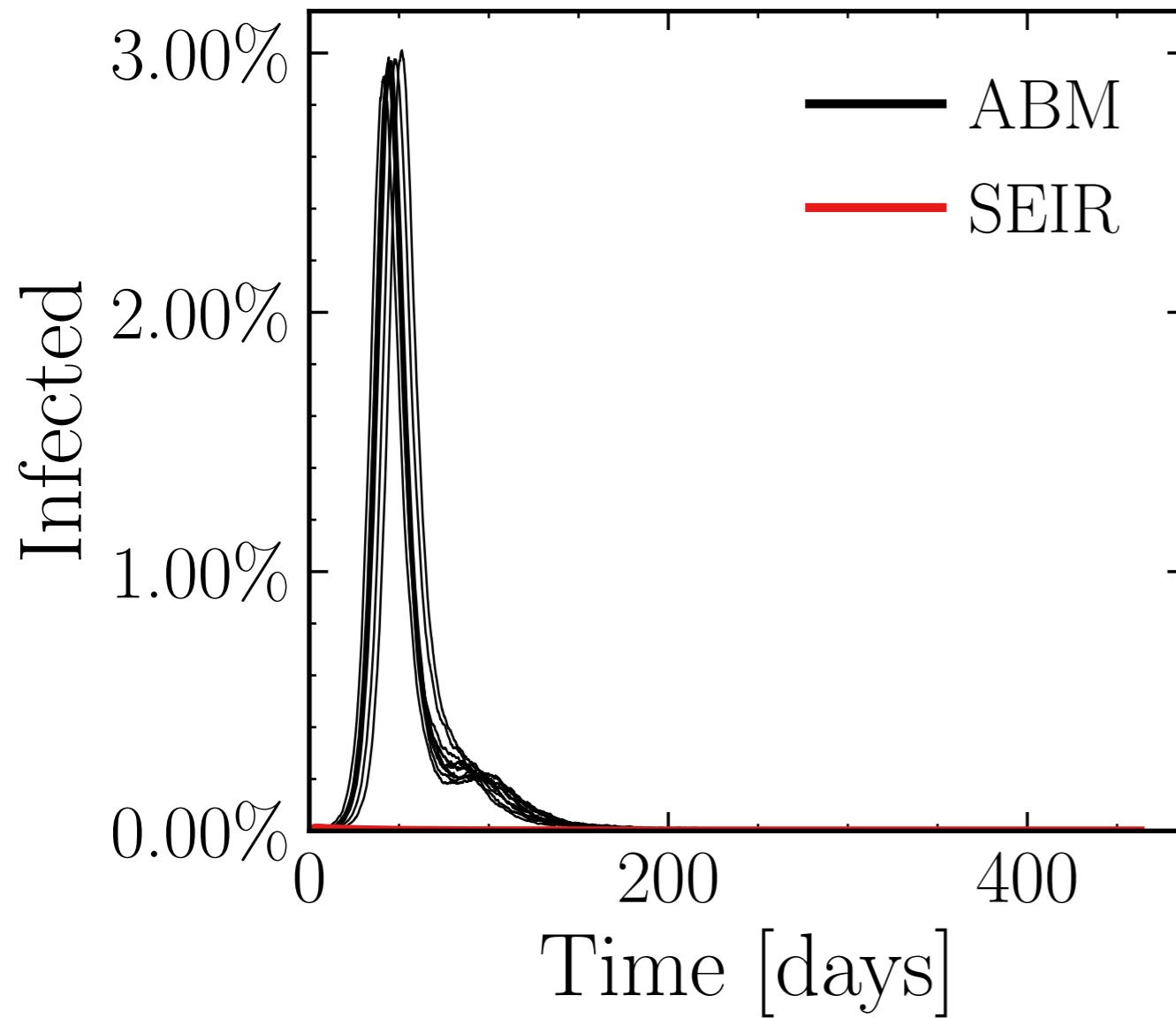
$N_{\text{tot}} = 580K$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (18.68 \pm 0.15\%) \cdot 10^3$ v. = 1.0, hash = 3ea048cb4c, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (18 \pm 0.23\%) \cdot 10^3$ v. = 1.0, hash = b2aa5c9caa, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (17.19 \pm 0.29\%) \cdot 10^3$ v. = 1.0, hash = 47392da45b, #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, $N_{\text{init}} = 100$

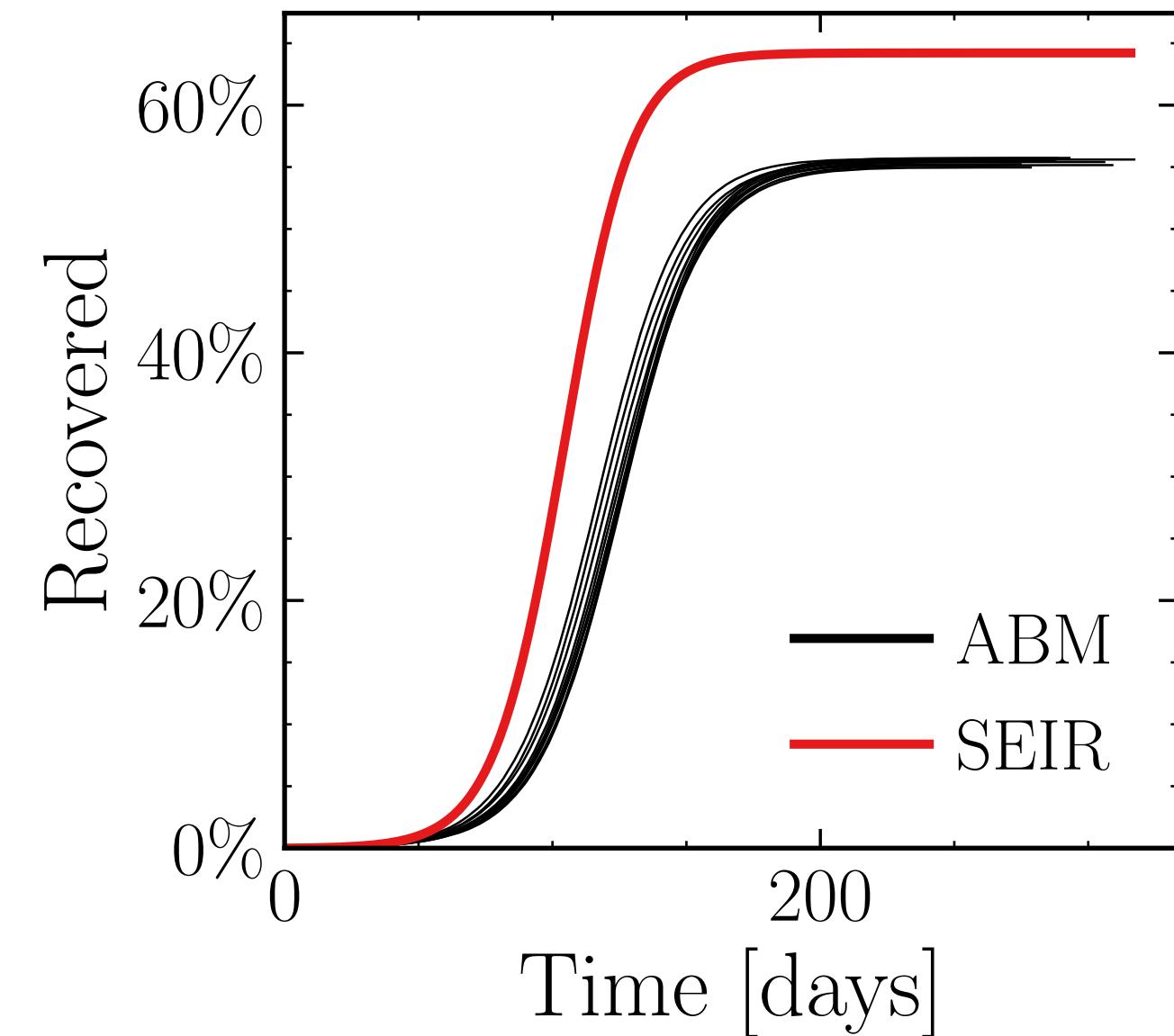
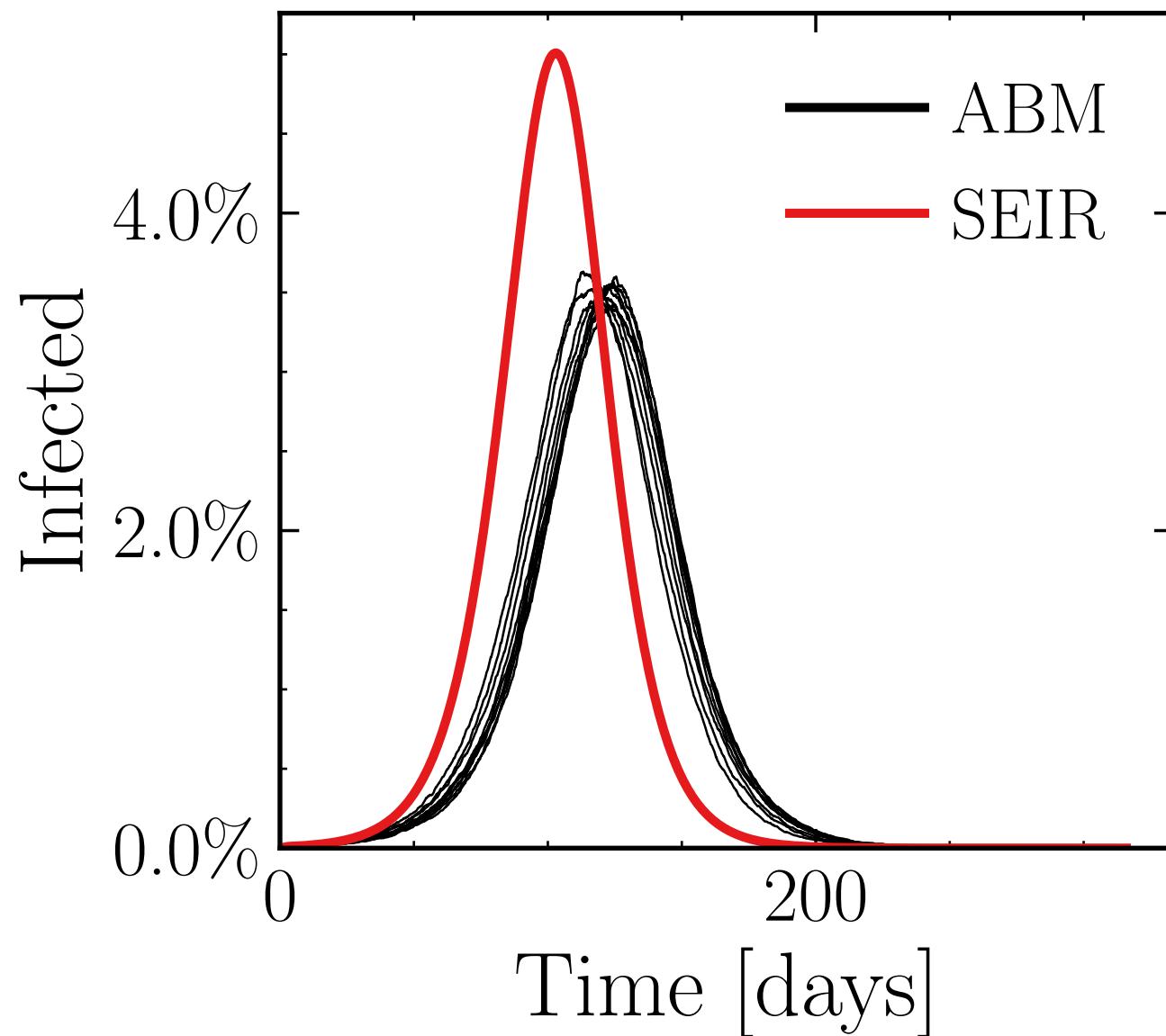
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (20.4 \pm 0.61\%) \cdot 10^3$

v. = 1.0, hash = 61d611540f, #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, $N_{\text{init}} = 100$

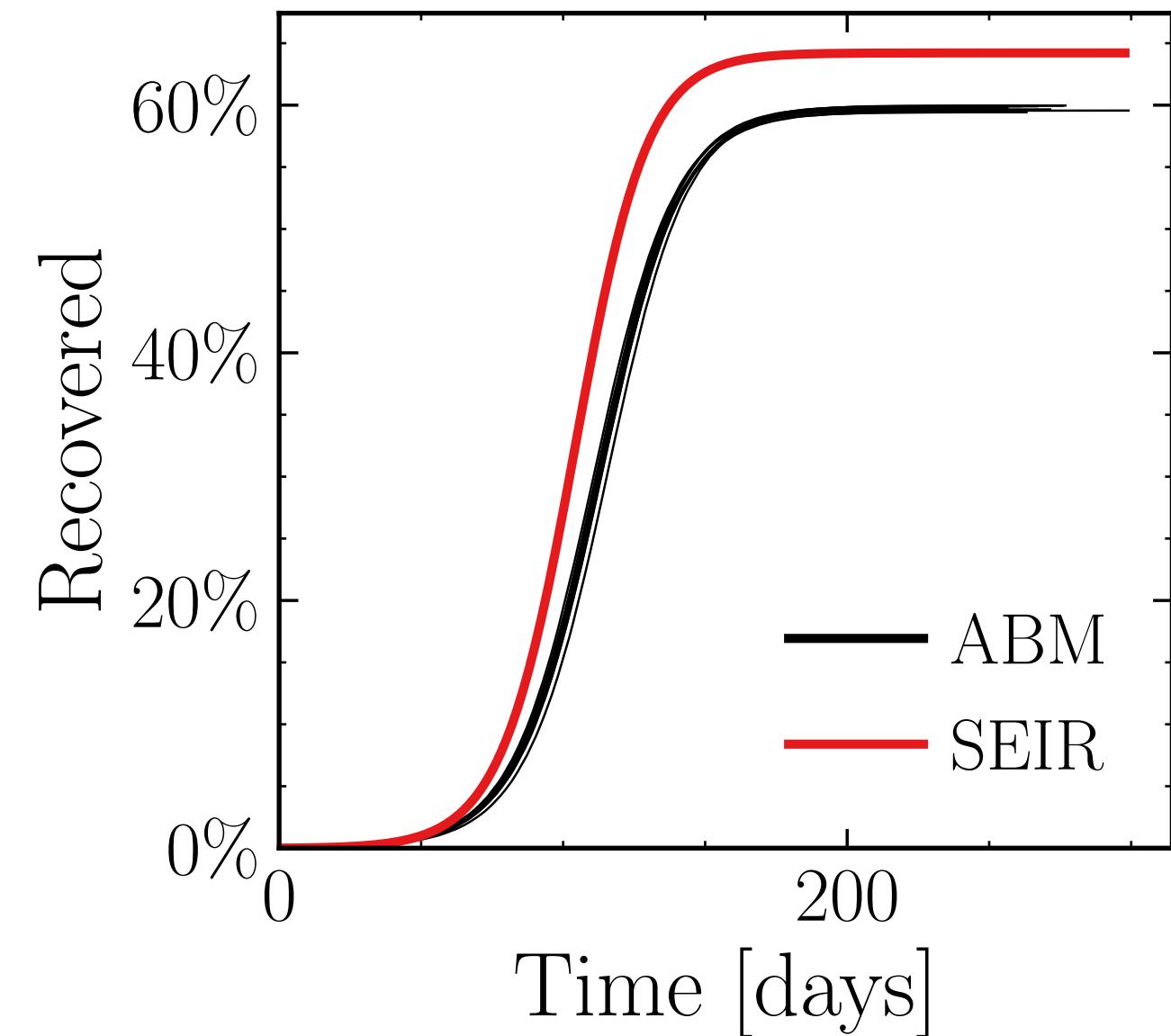
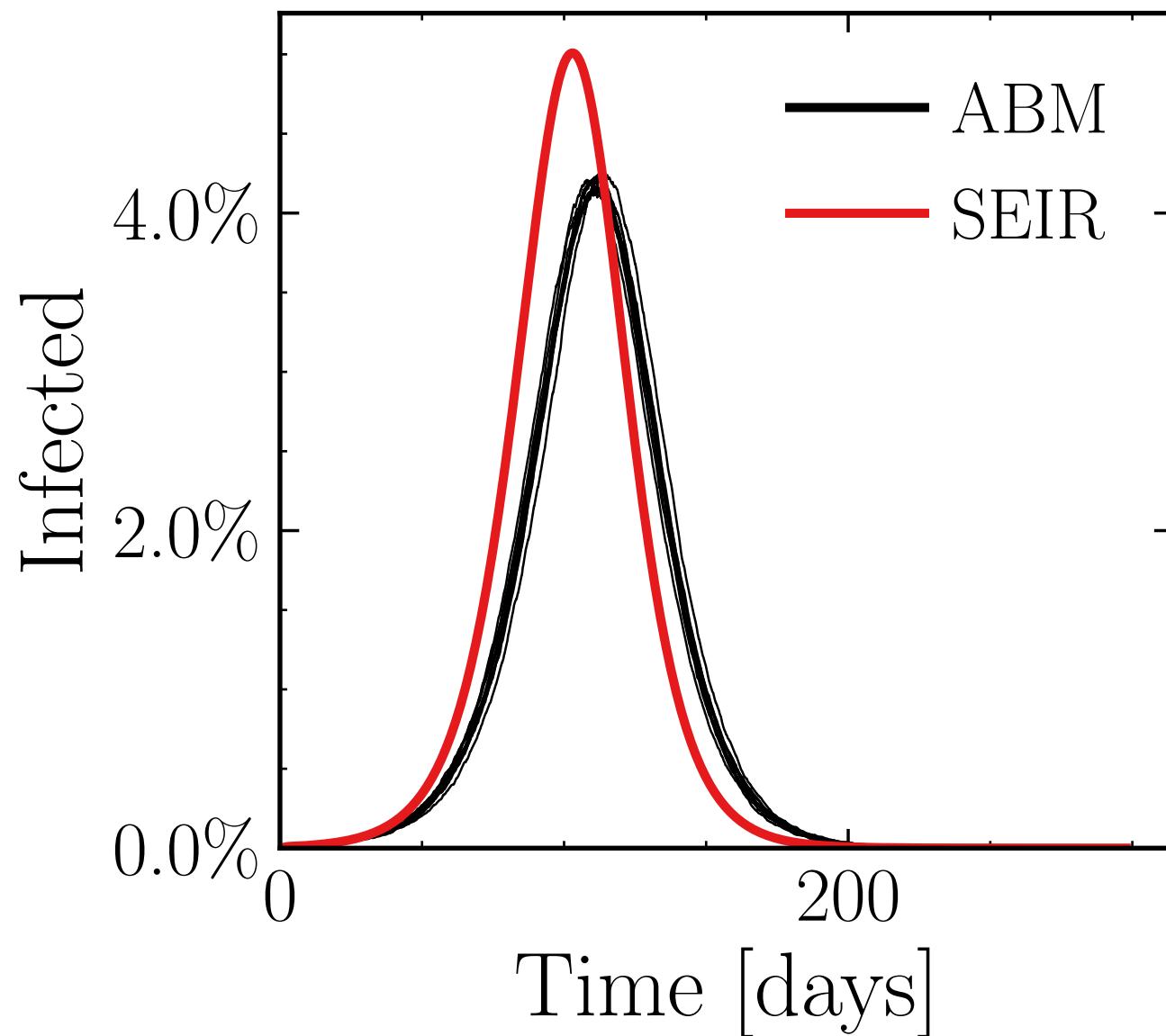
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (24.32 \pm 0.31\%) \cdot 10^3$

v. = 1.0, hash = 846ae87bc7, #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, $N_{\text{init}} = 100$

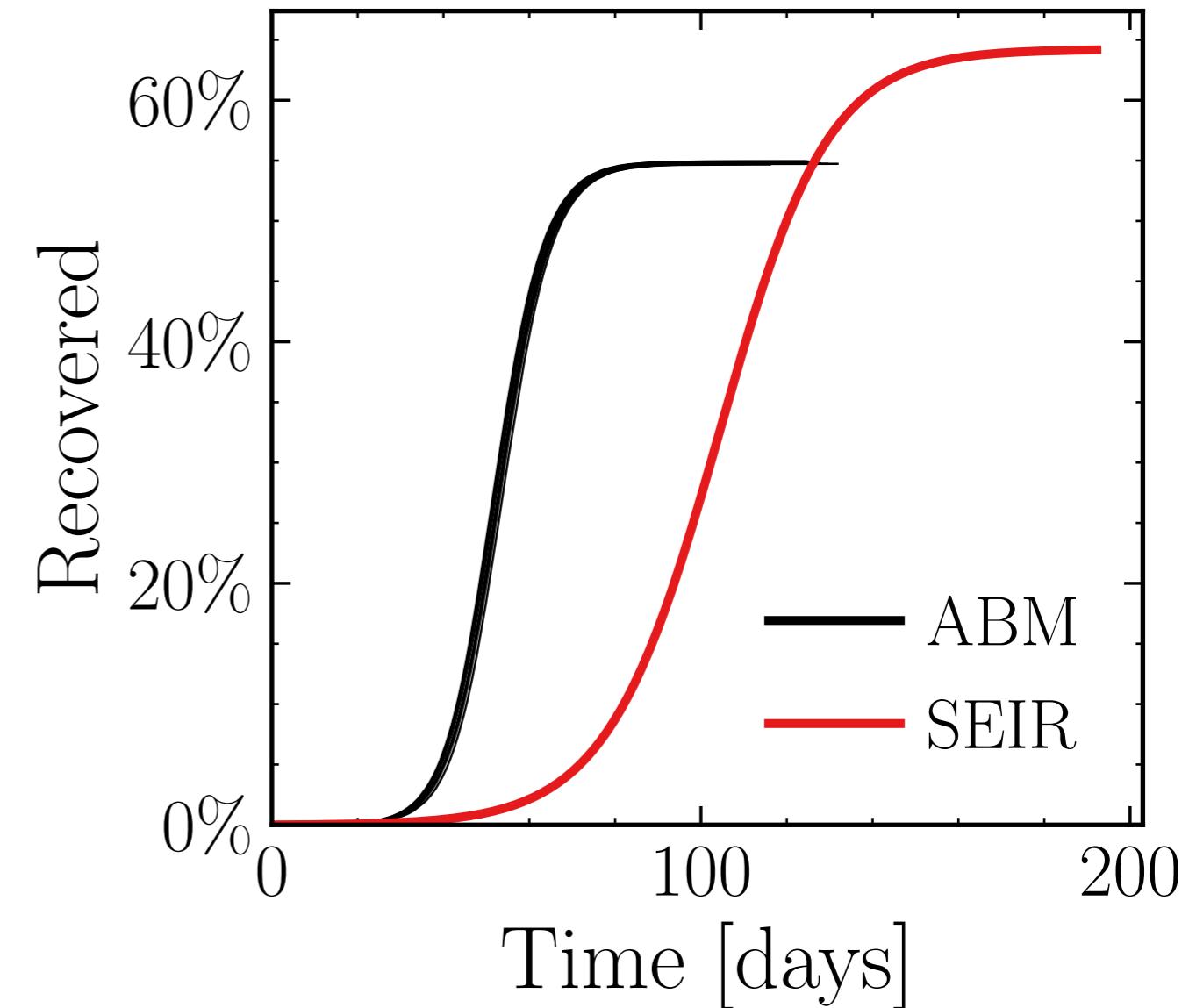
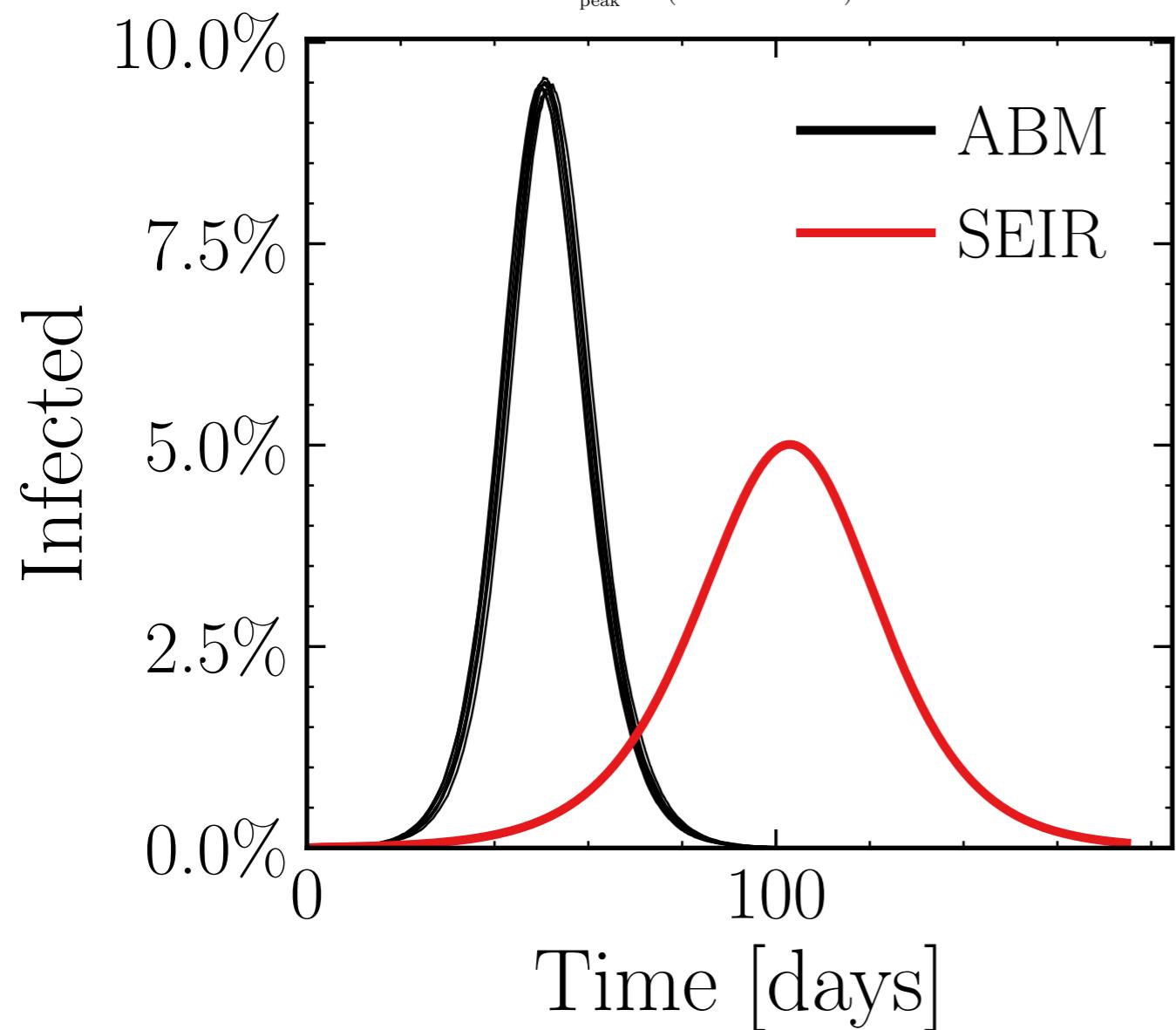
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (54.91 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = b6c4bc604b, #10

$R_\infty^{\text{ABM}} = (317.9 \pm 0.052\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

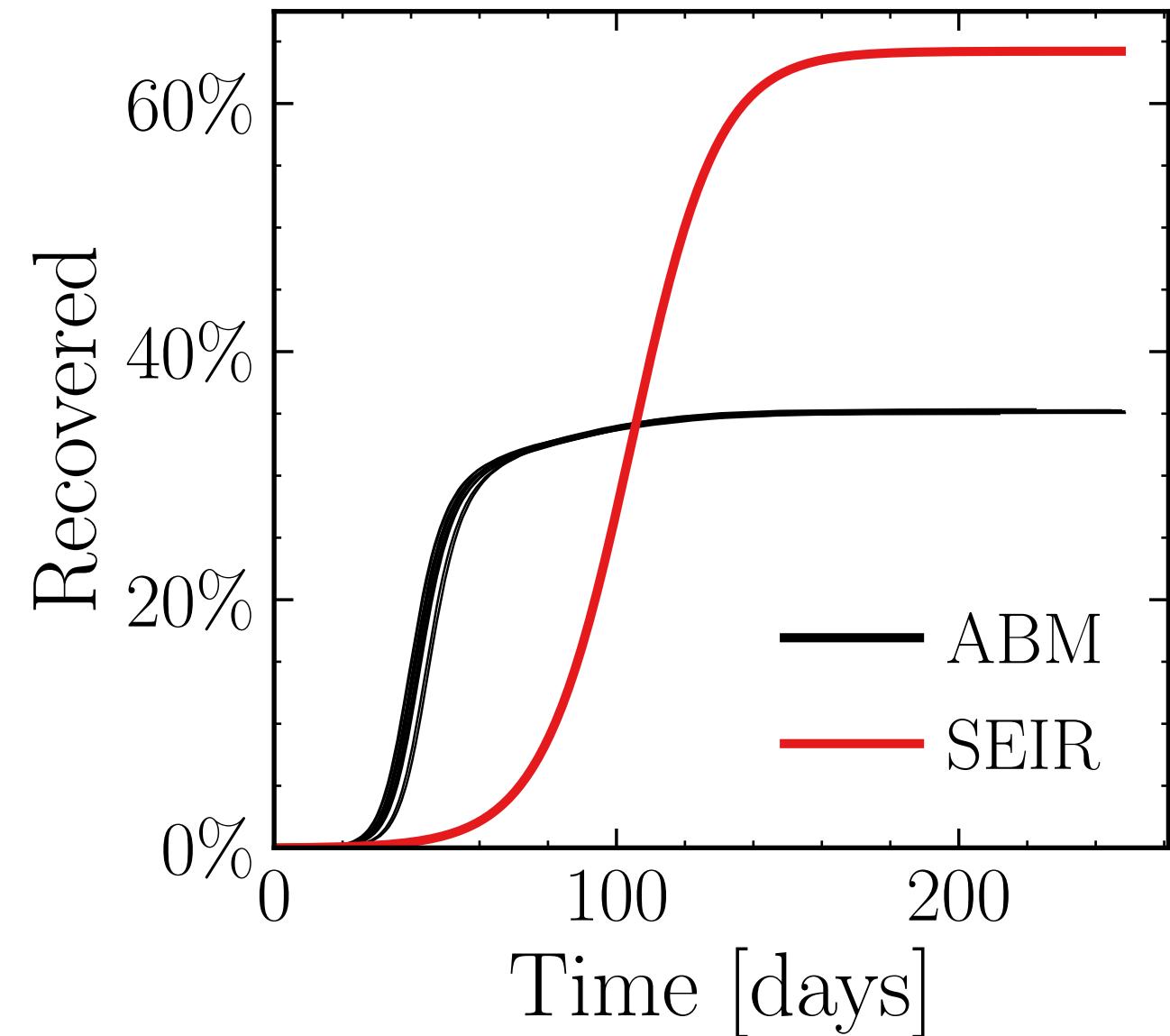
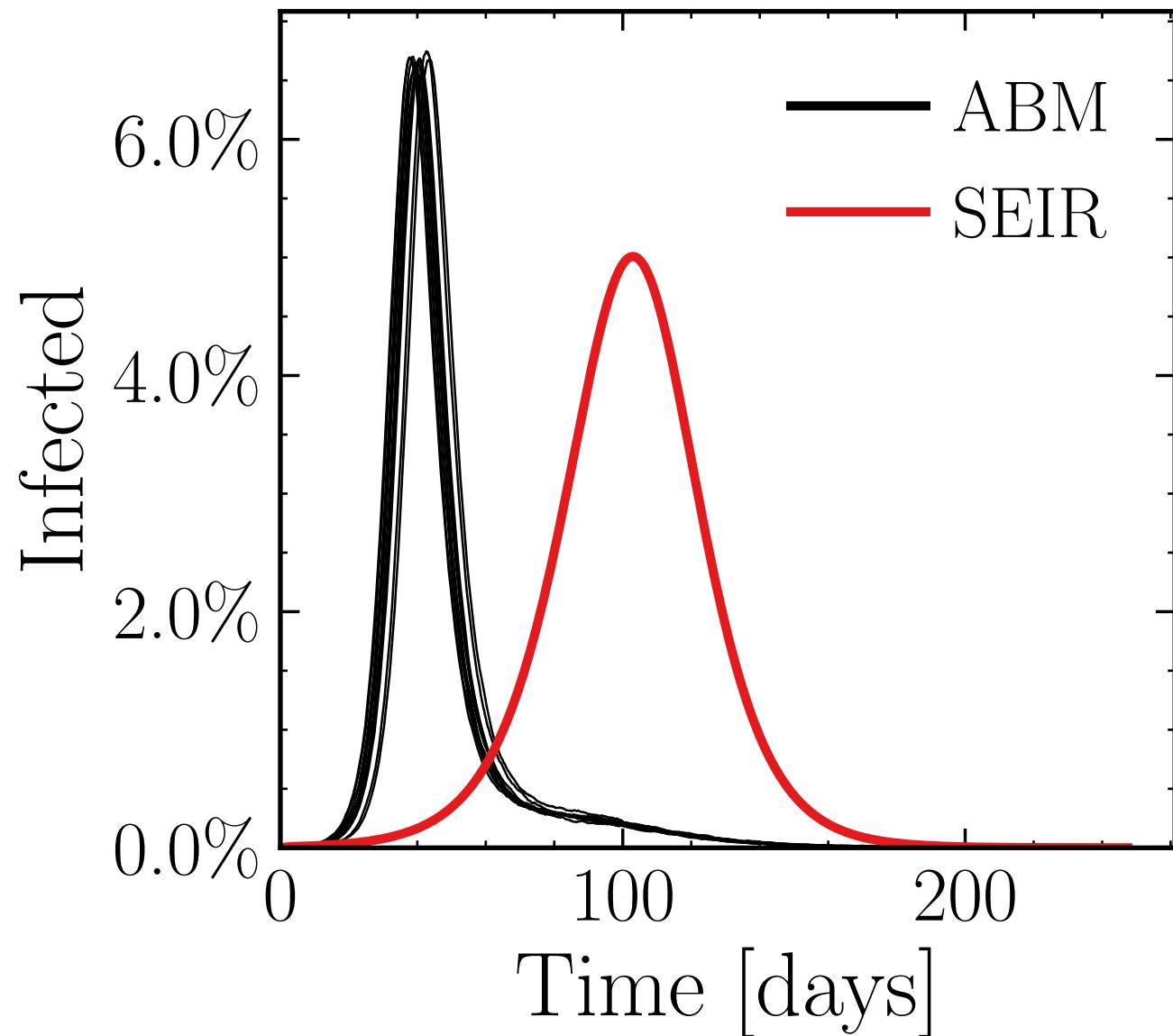
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (38.73 \pm 0.19\%) \cdot 10^3$

v. = 1.0, hash = cd8064558c, #10

$R_\infty^{\text{ABM}} = (204 \pm 0.092\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

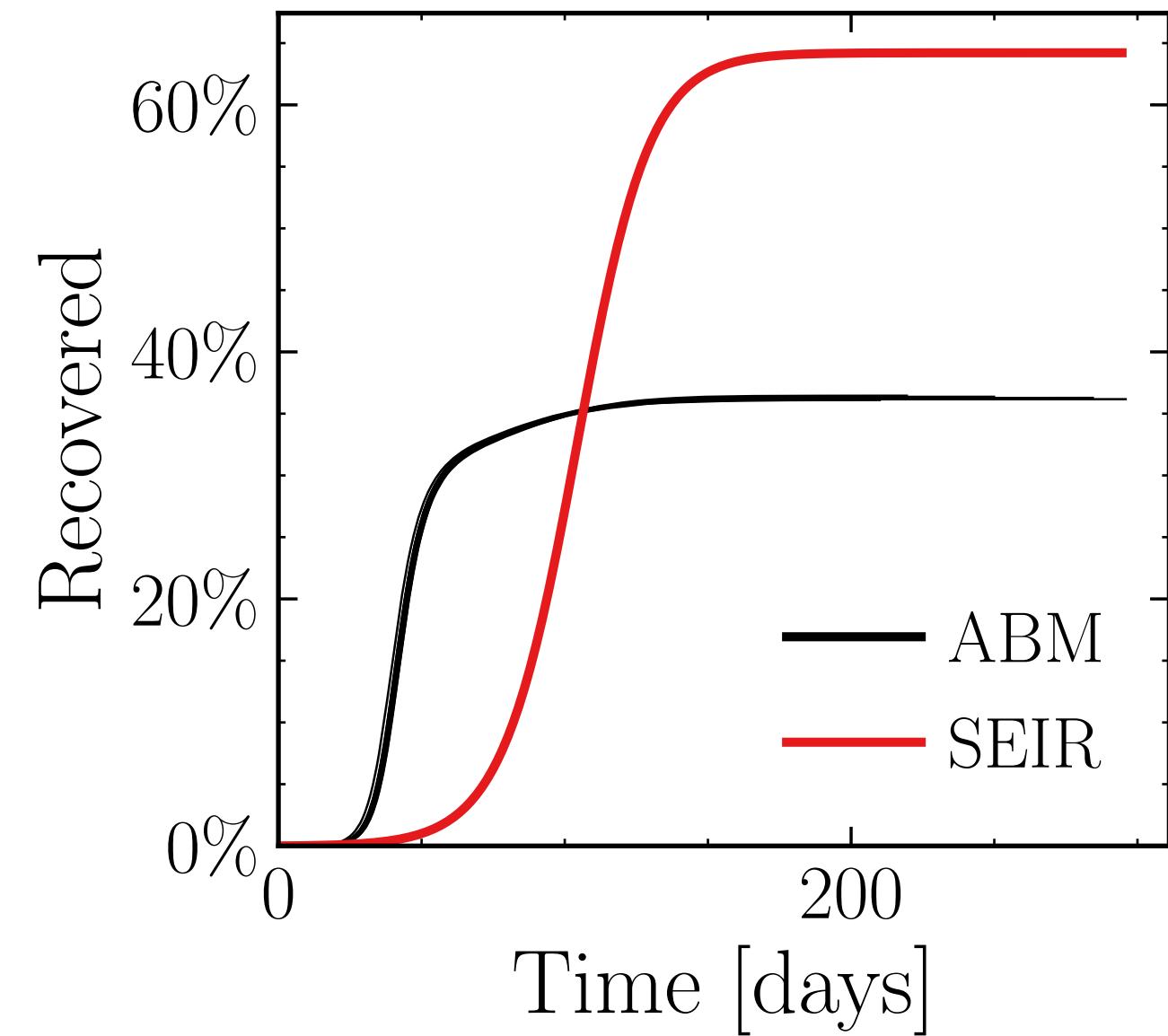
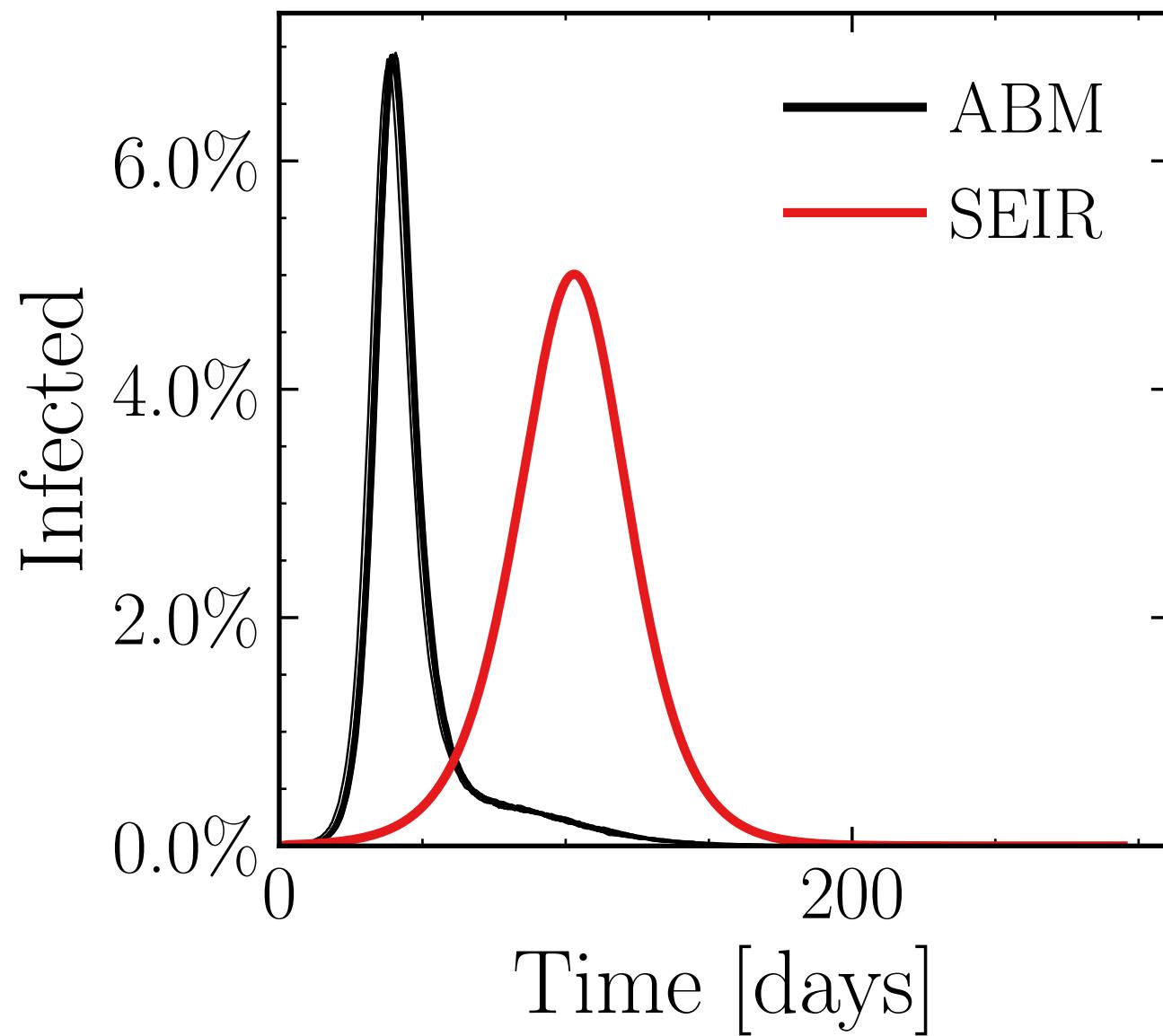
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

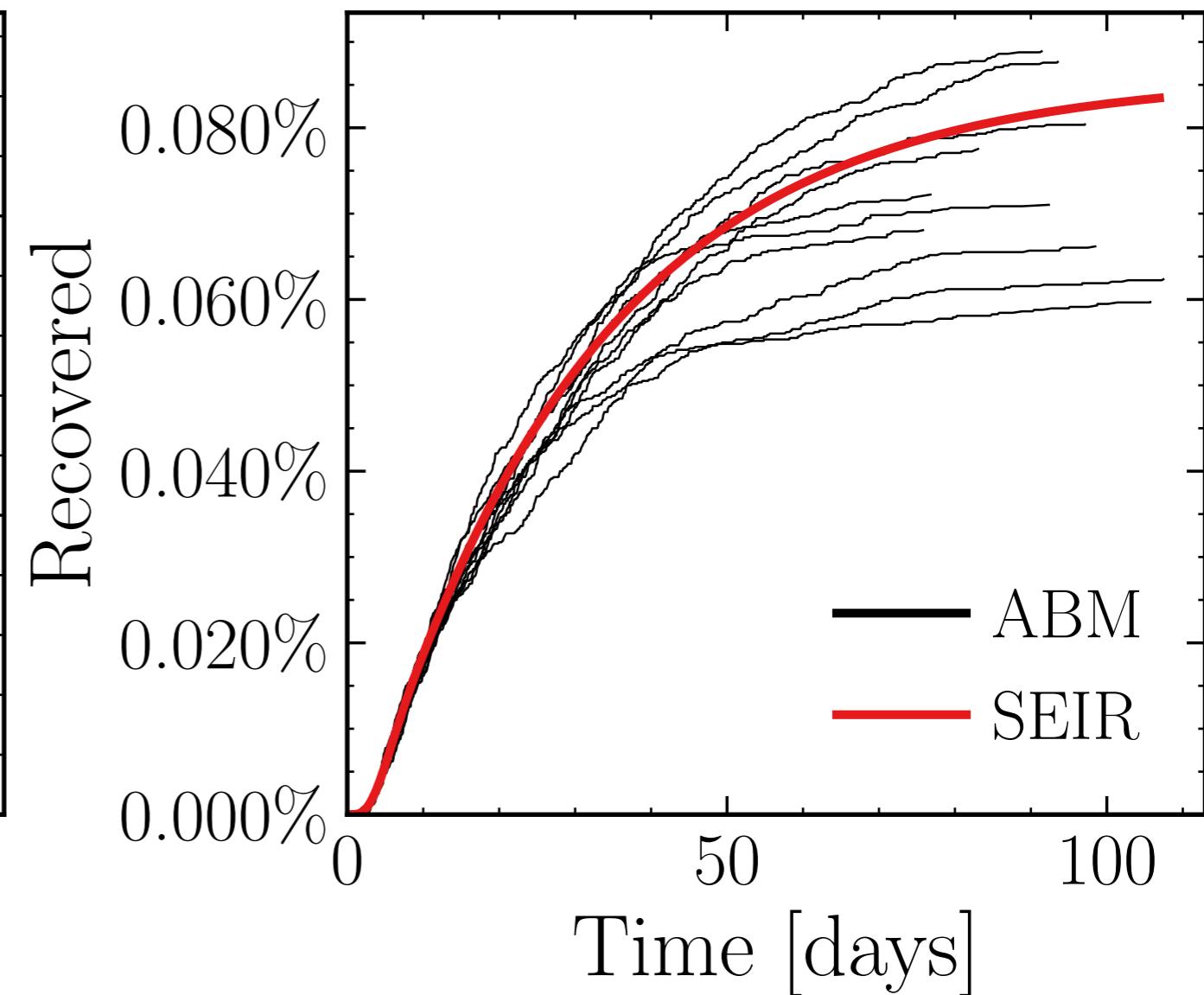
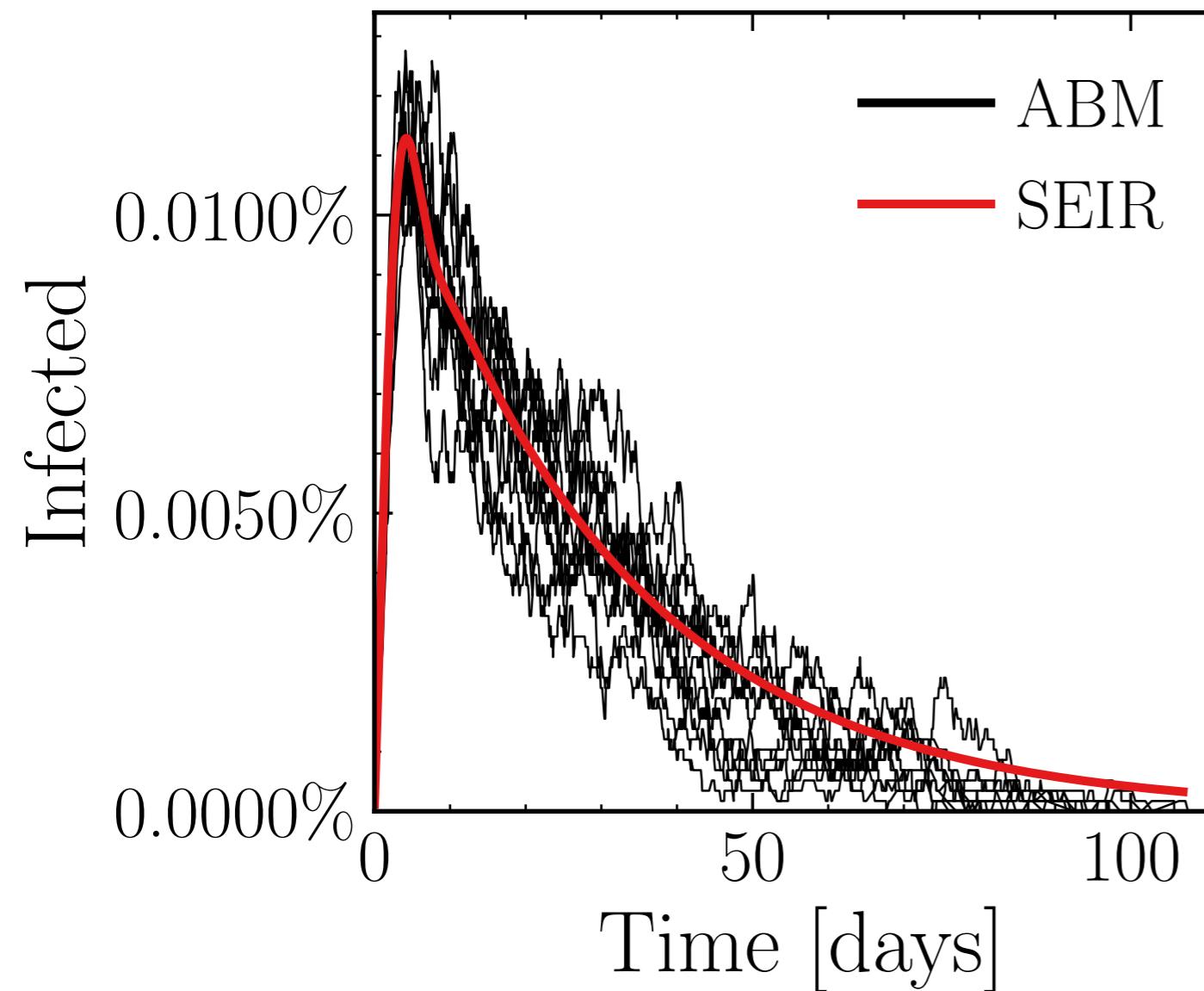
$I_{\text{peak}}^{\text{ABM}} = (40.07 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = bbb892565b, #10

$R_\infty^{\text{ABM}} = (210.3 \pm 0.09\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (69 \pm 1.5\%)$. v. = 1.0, hash = 2b109312ca, #10
 $R_\infty^{\text{ABM}} = (430 \pm 4.1\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

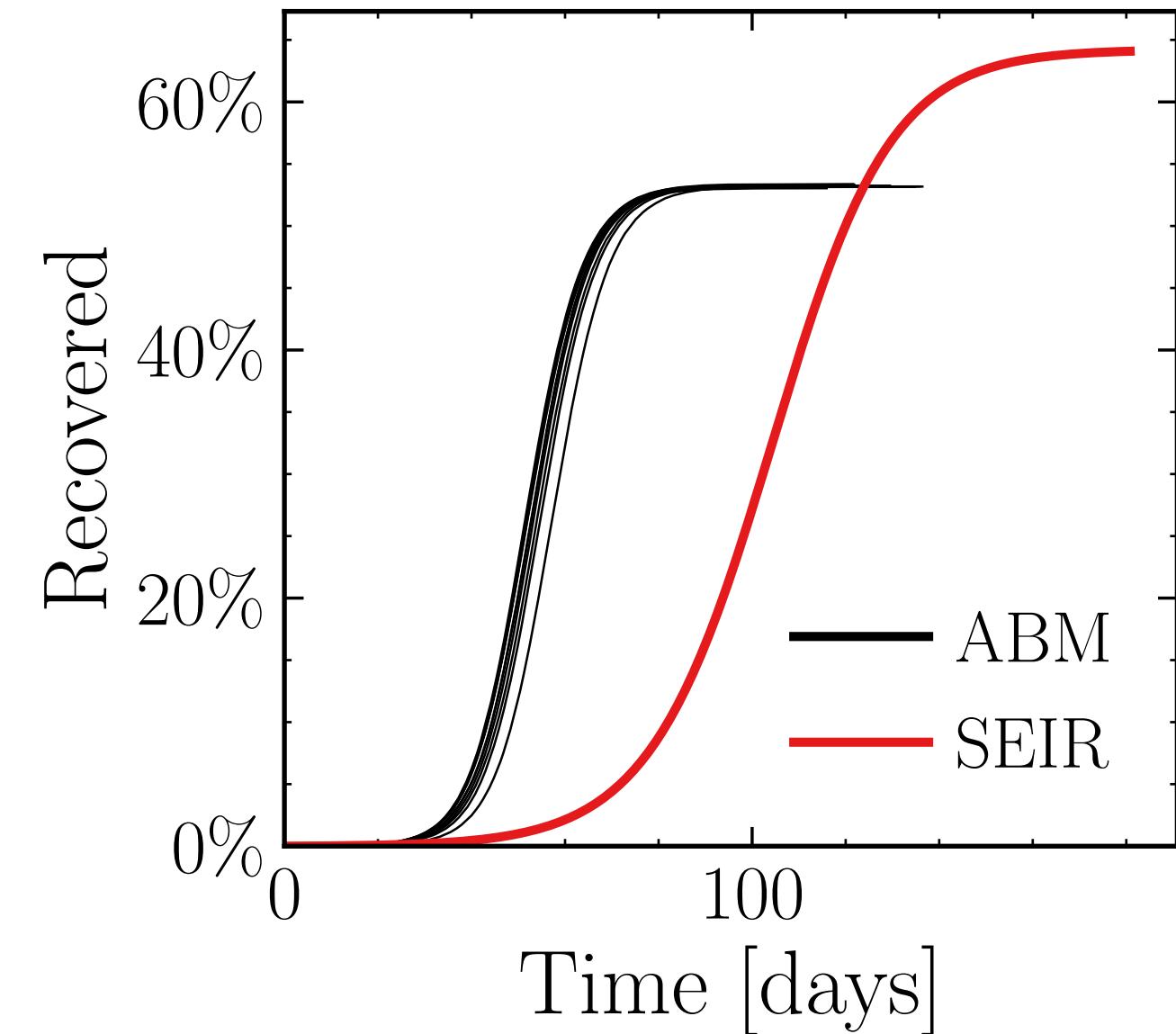
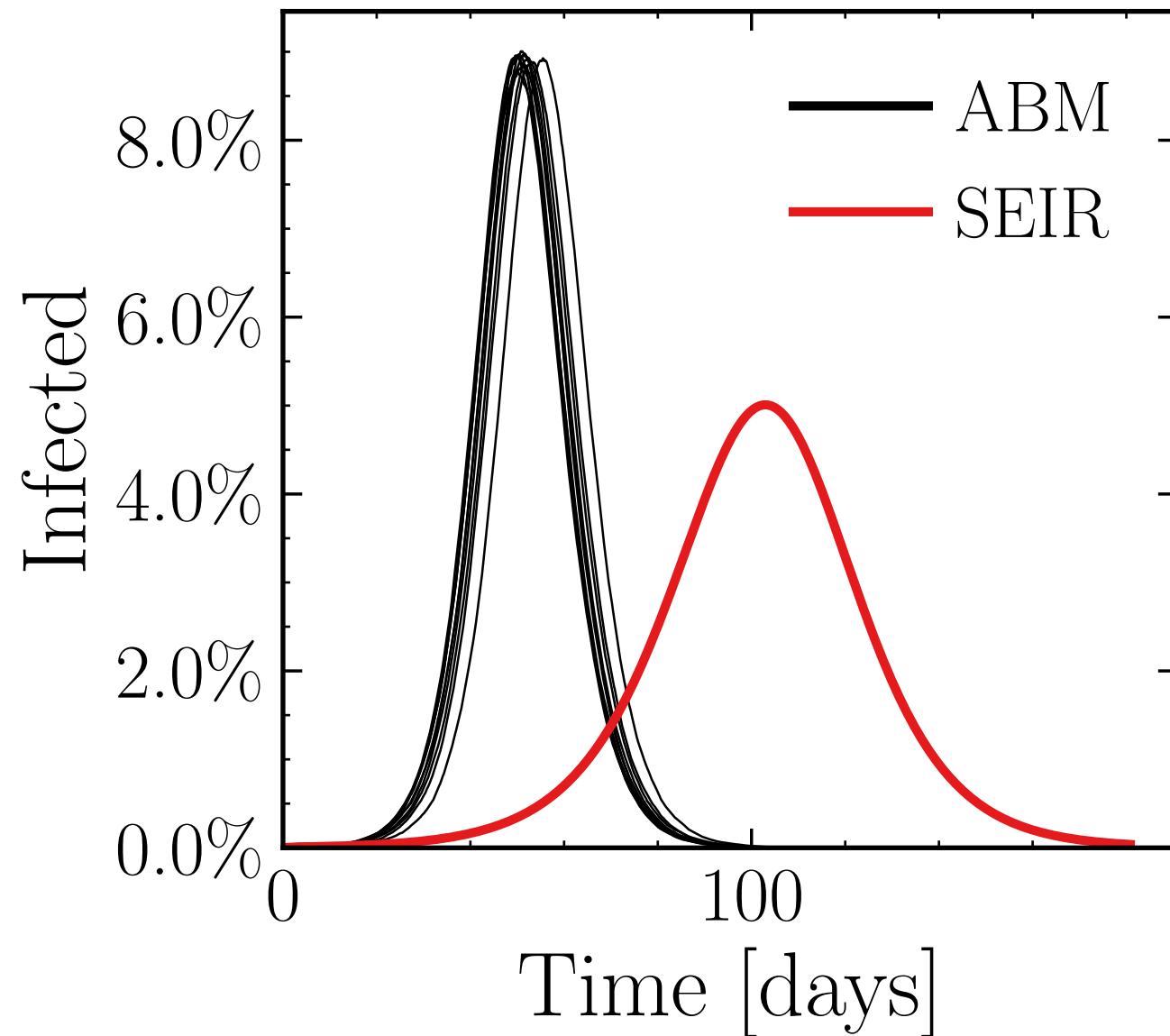
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

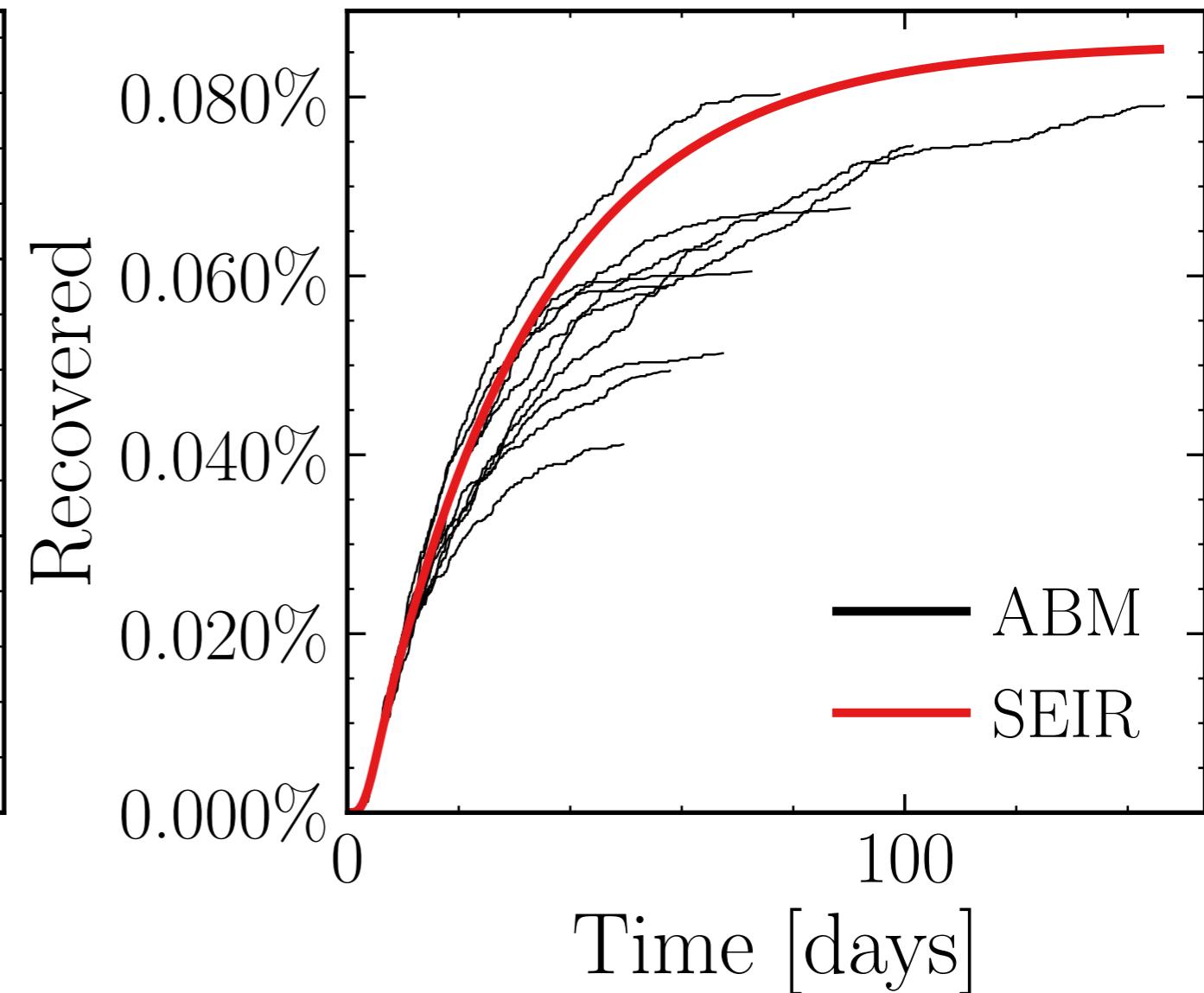
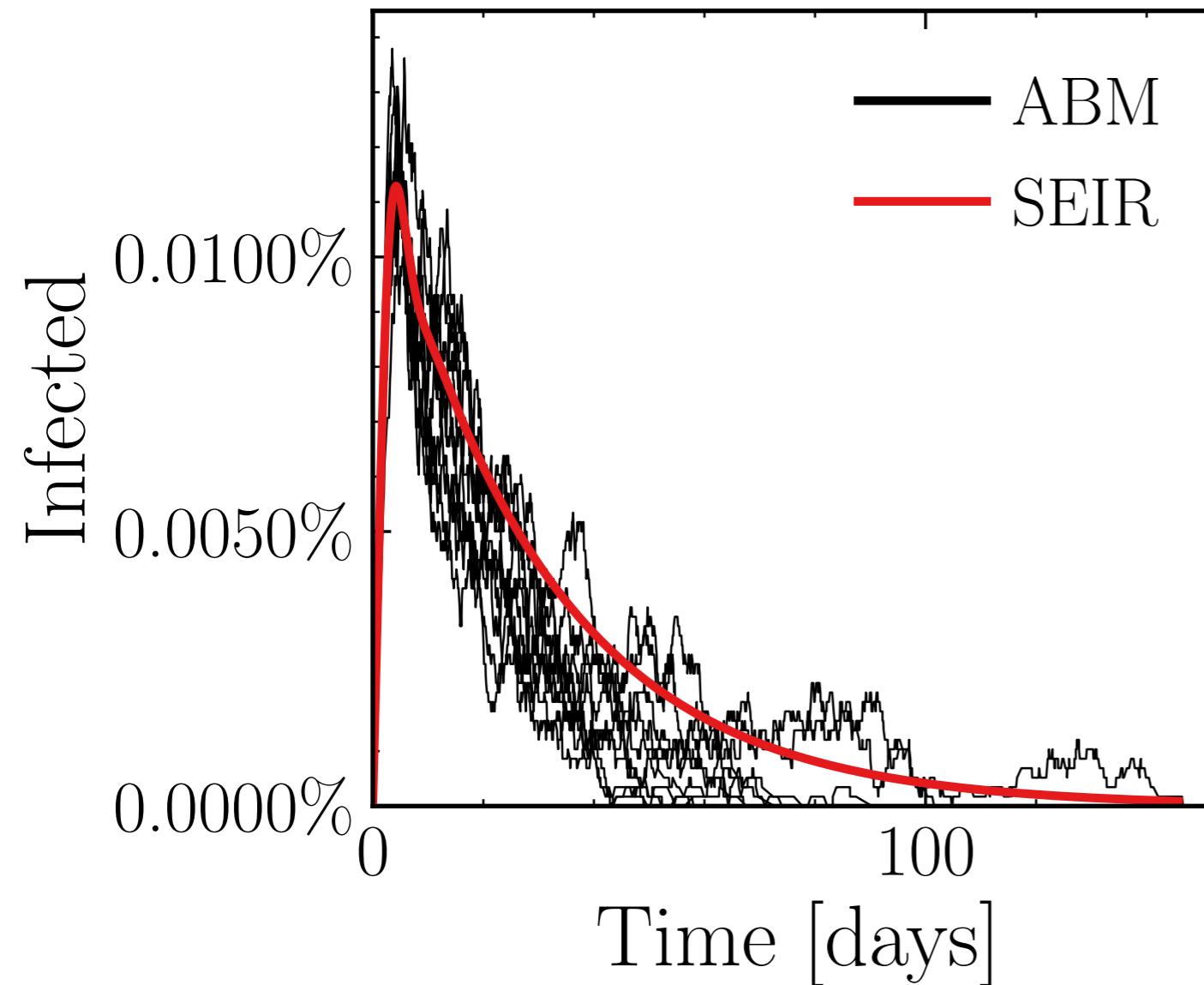
$I_{\text{peak}}^{\text{ABM}} = (51.7 \pm 0.23\%) \cdot 10^3$

v. = 1.0, hash = 0e380816e7, #10

$R_\infty^{\text{ABM}} = (308.6 \pm 0.052\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (71 \pm 2.4\%)$. v. = 1.0, hash = fbc3e798cc, #10 $R_{\infty}^{\text{ABM}} = (360 \pm 6.2\%)$.



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

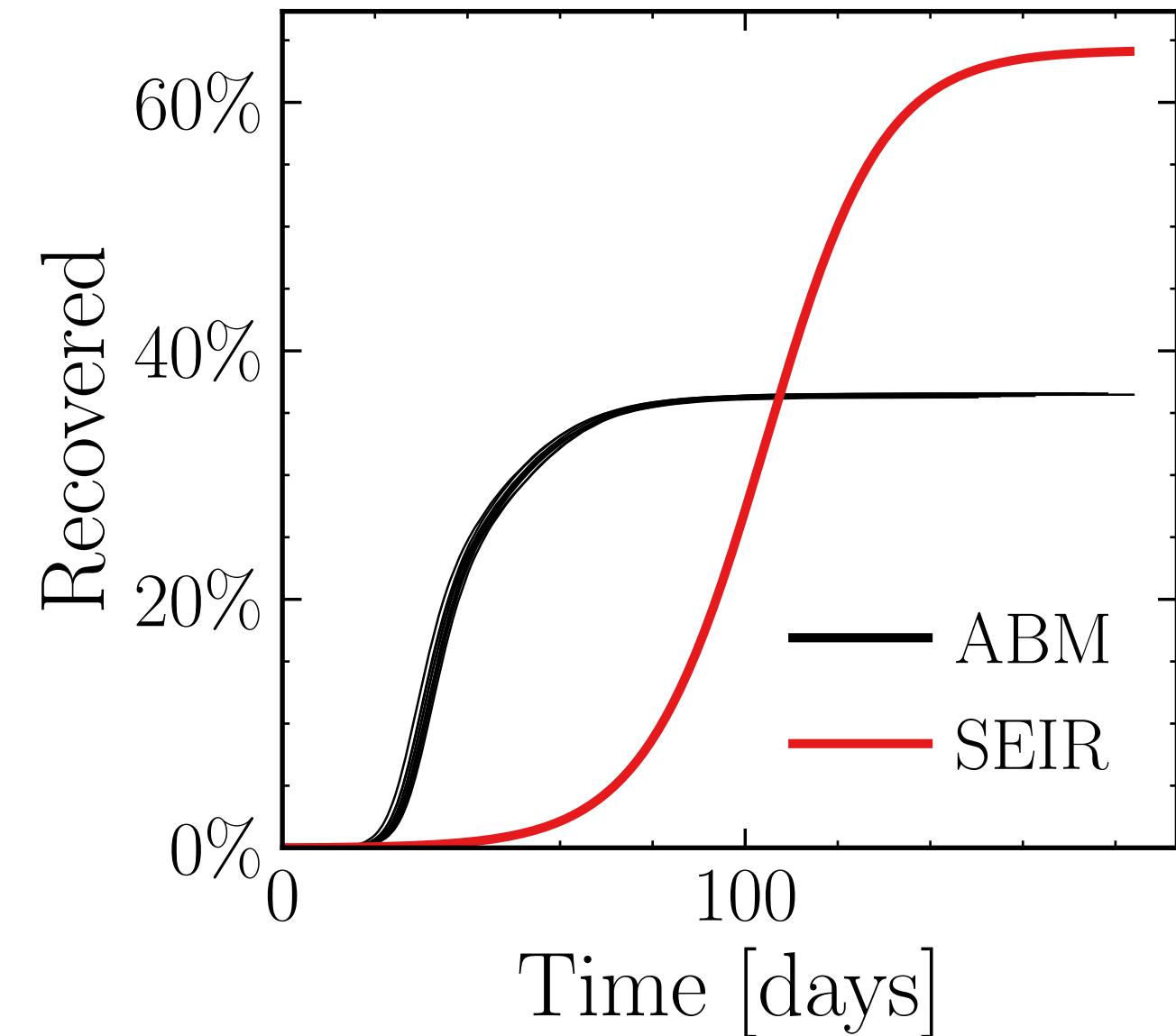
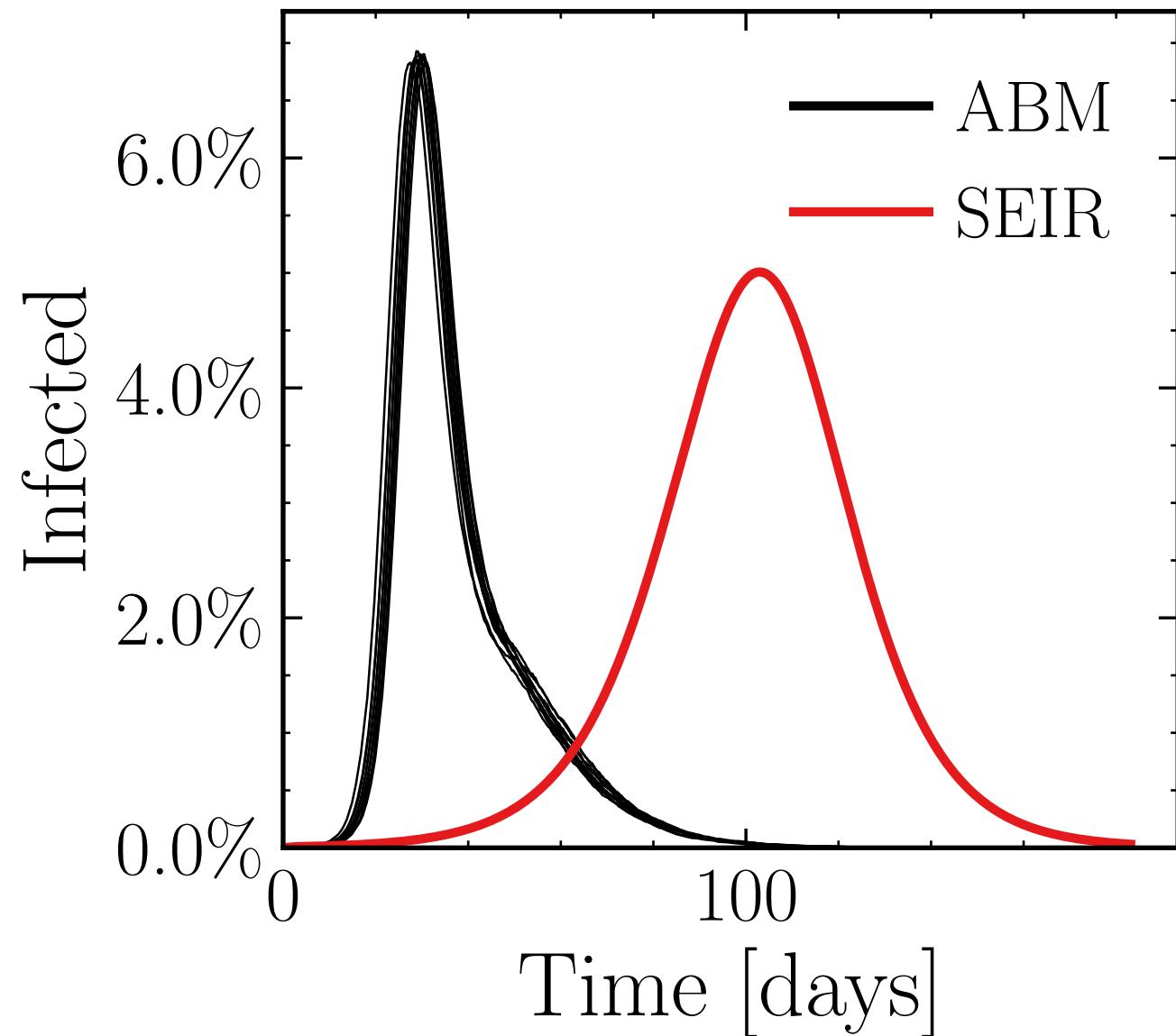
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (39.83 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = dbf2ae4494, #10

$R_\infty^{\text{ABM}} = (211.2 \pm 0.084\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

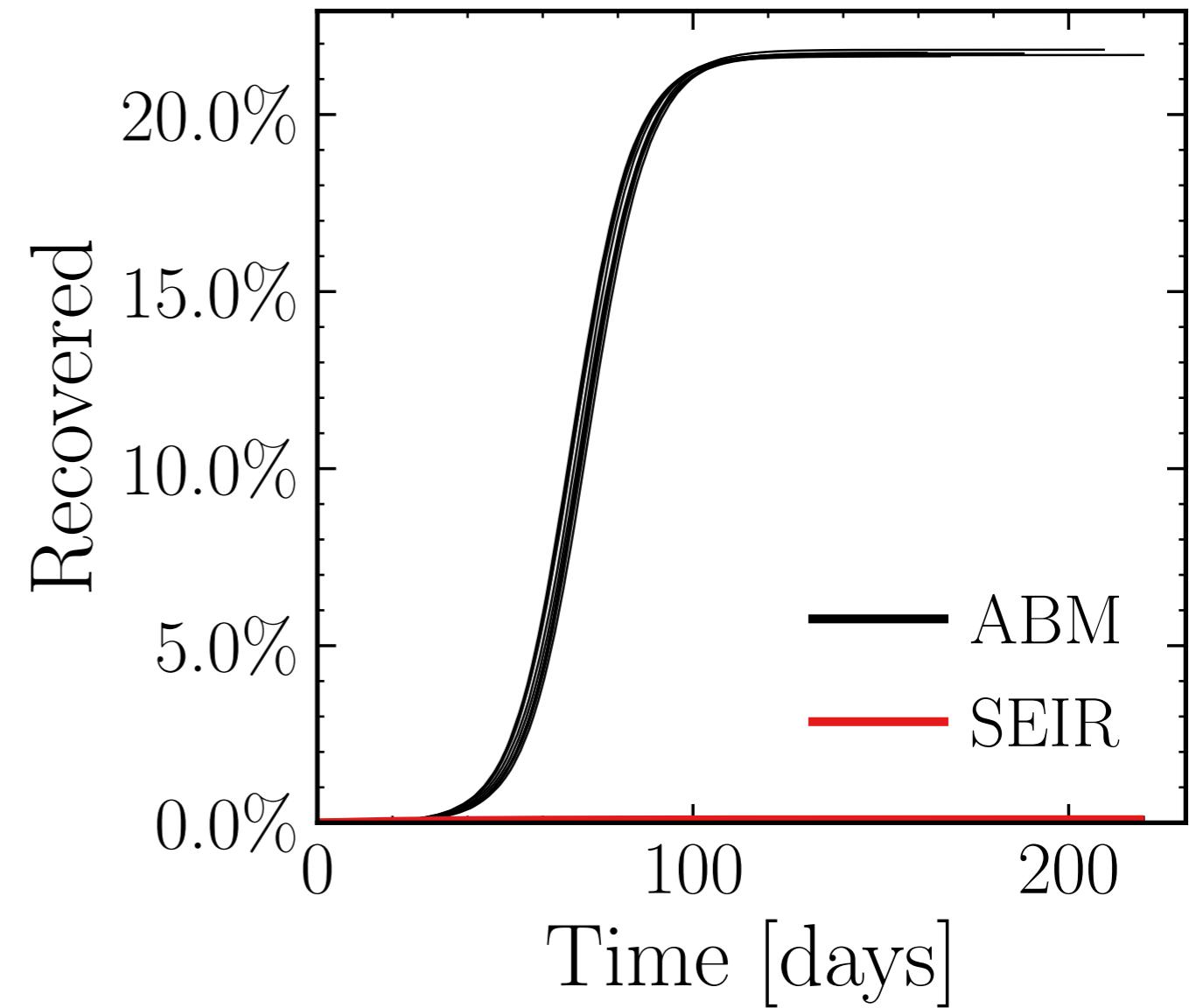
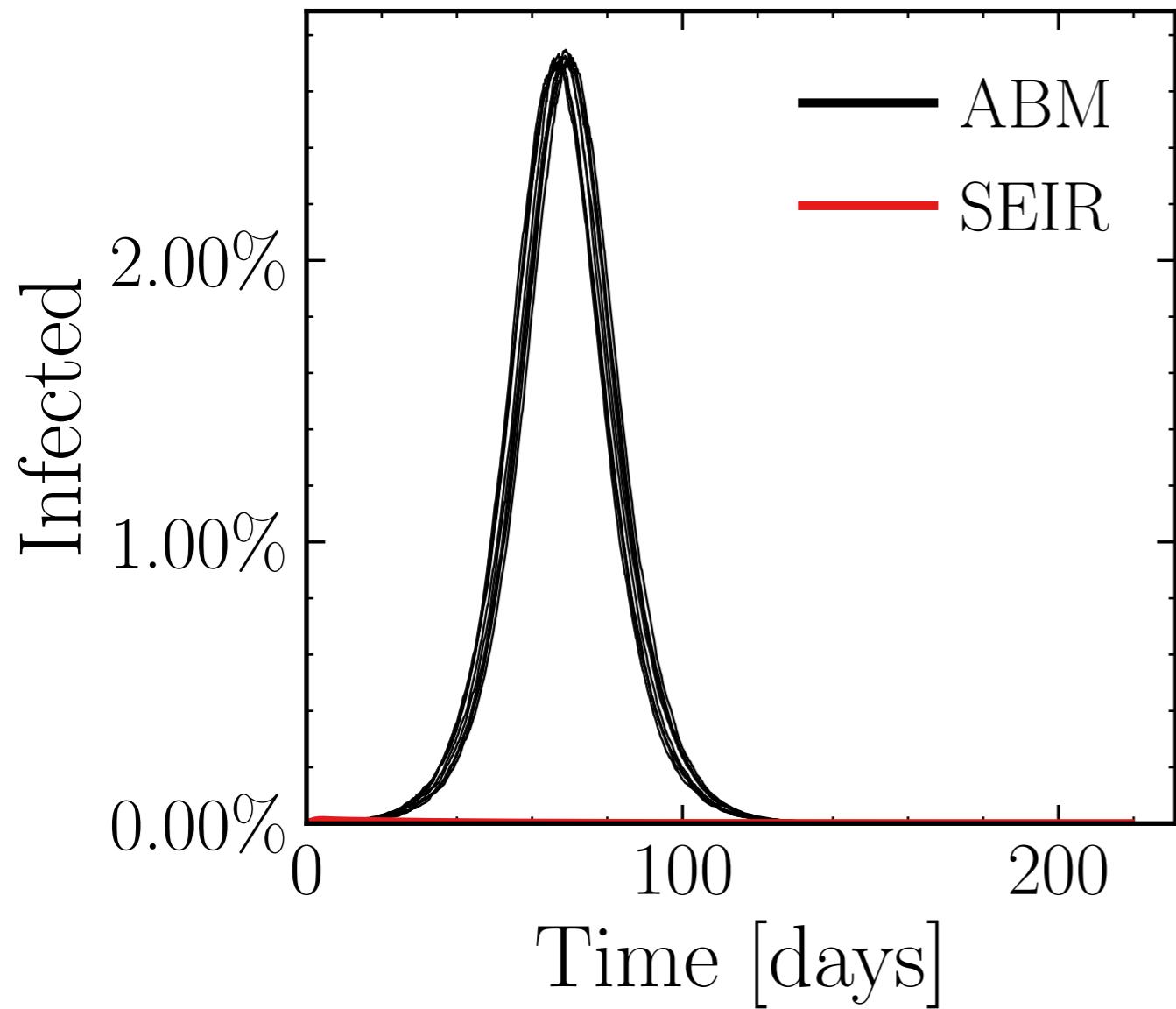
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (15.77 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 559ff3a974, #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, $N_{\text{init}} = 100$

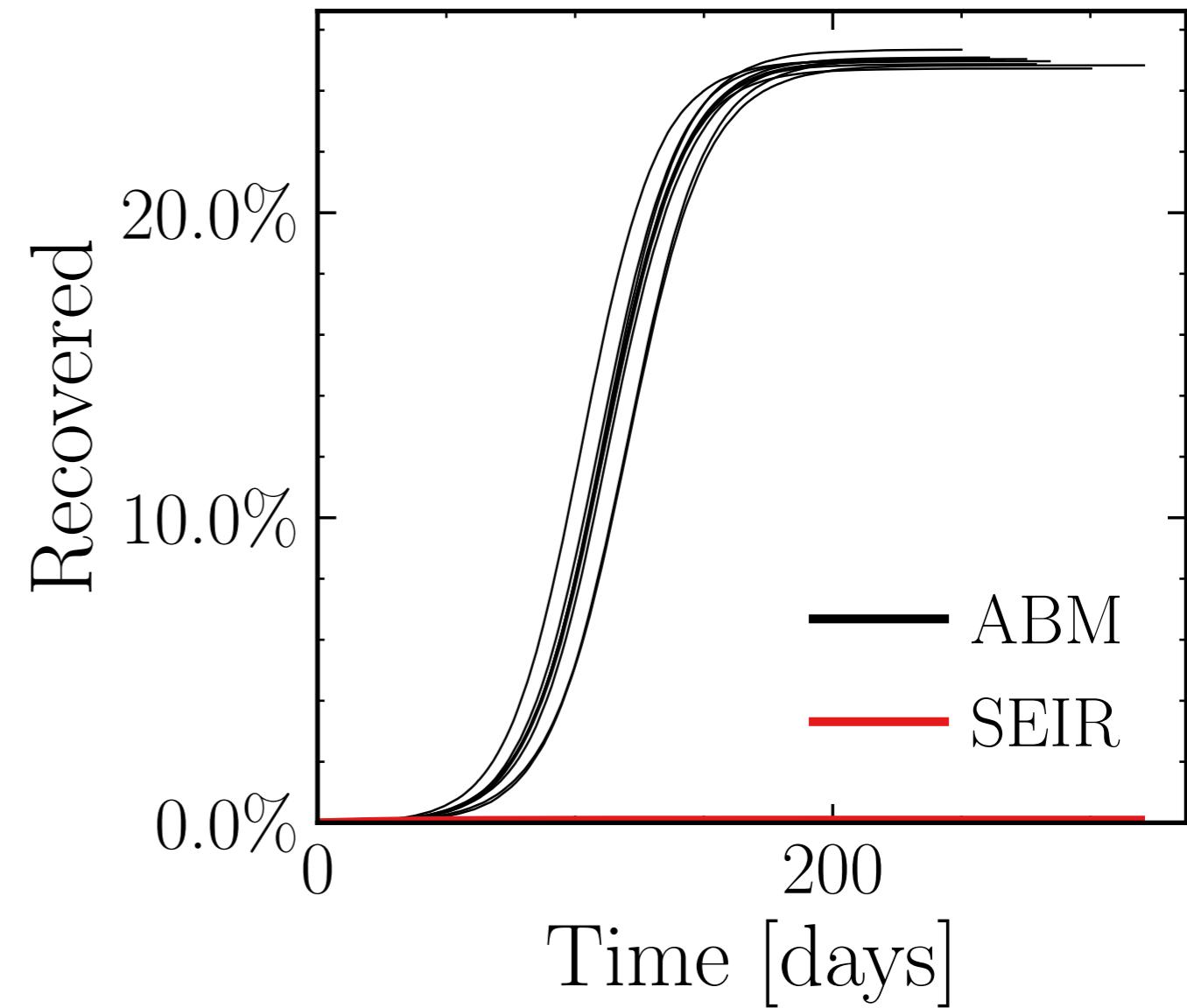
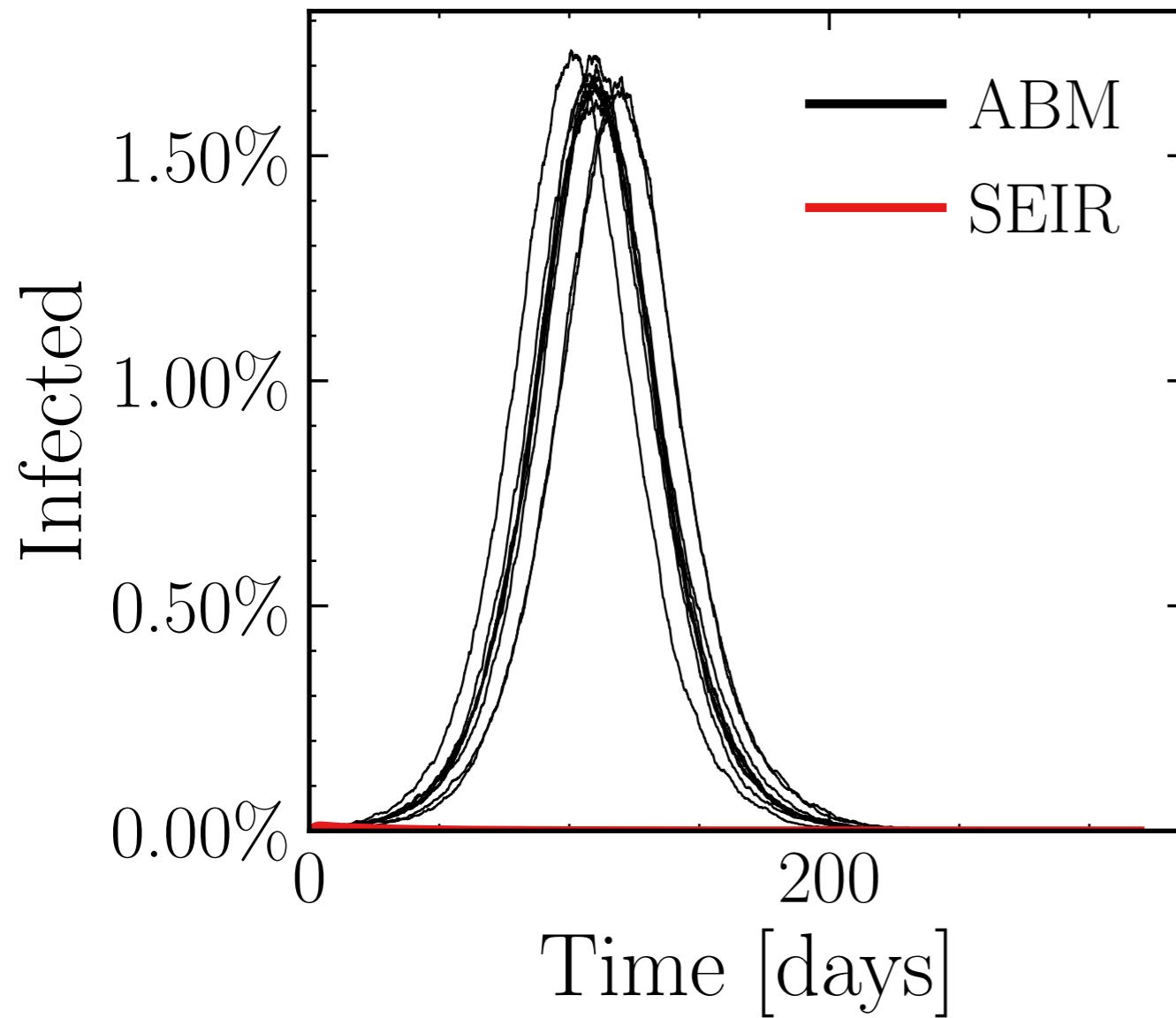
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (9.72 \pm 0.62\%) \cdot 10^3$

v. = 1.0, hash = 744b7353a8, #10

$R_\infty^{\text{ABM}} = (144.9 \pm 0.2\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

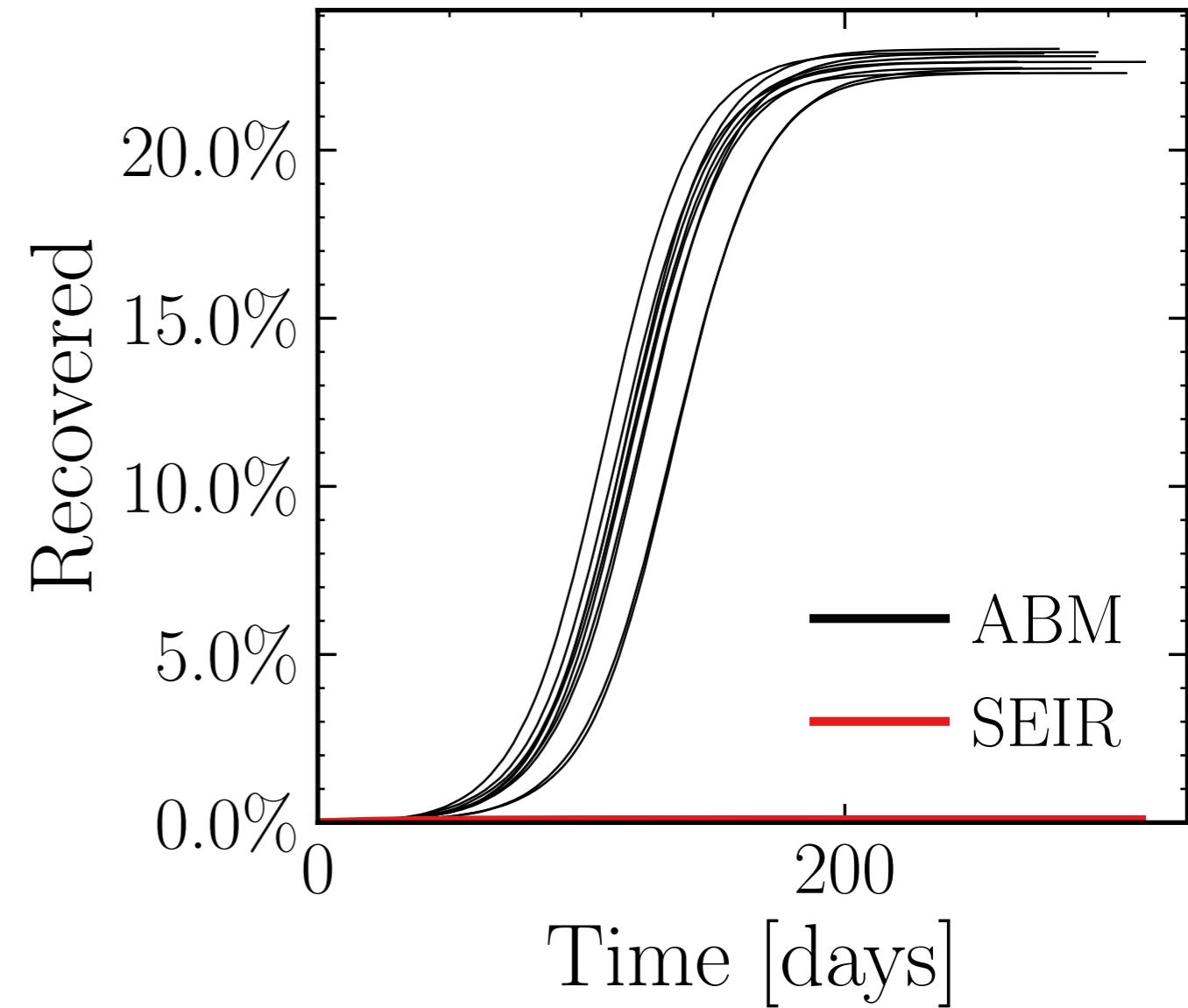
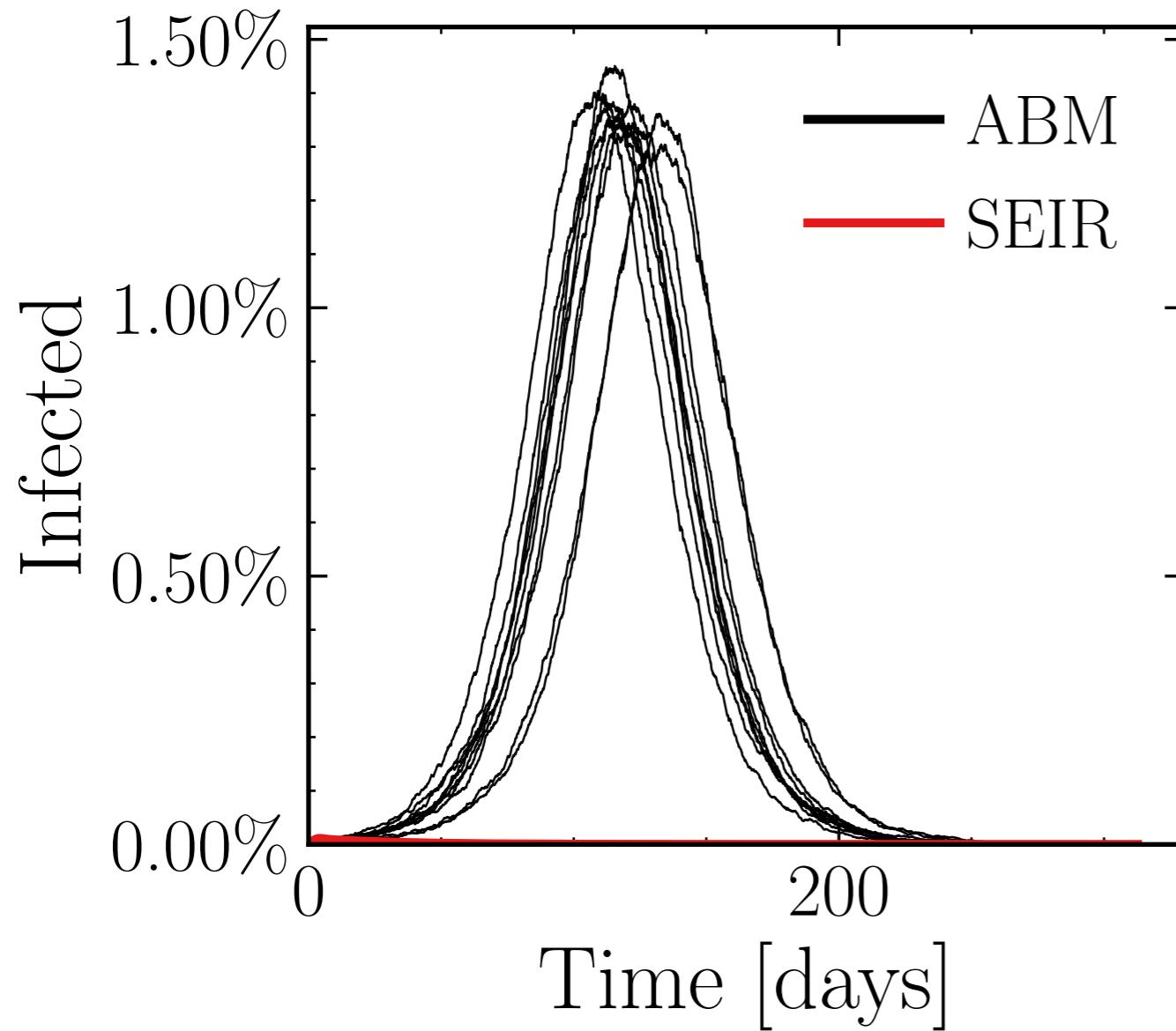
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (7.98 \pm 0.86\%) \cdot 10^3$

v. = 1.0, hash = 8dbd49c88b, #10

$R_{\infty}^{\text{ABM}} = (131.3 \pm 0.35\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

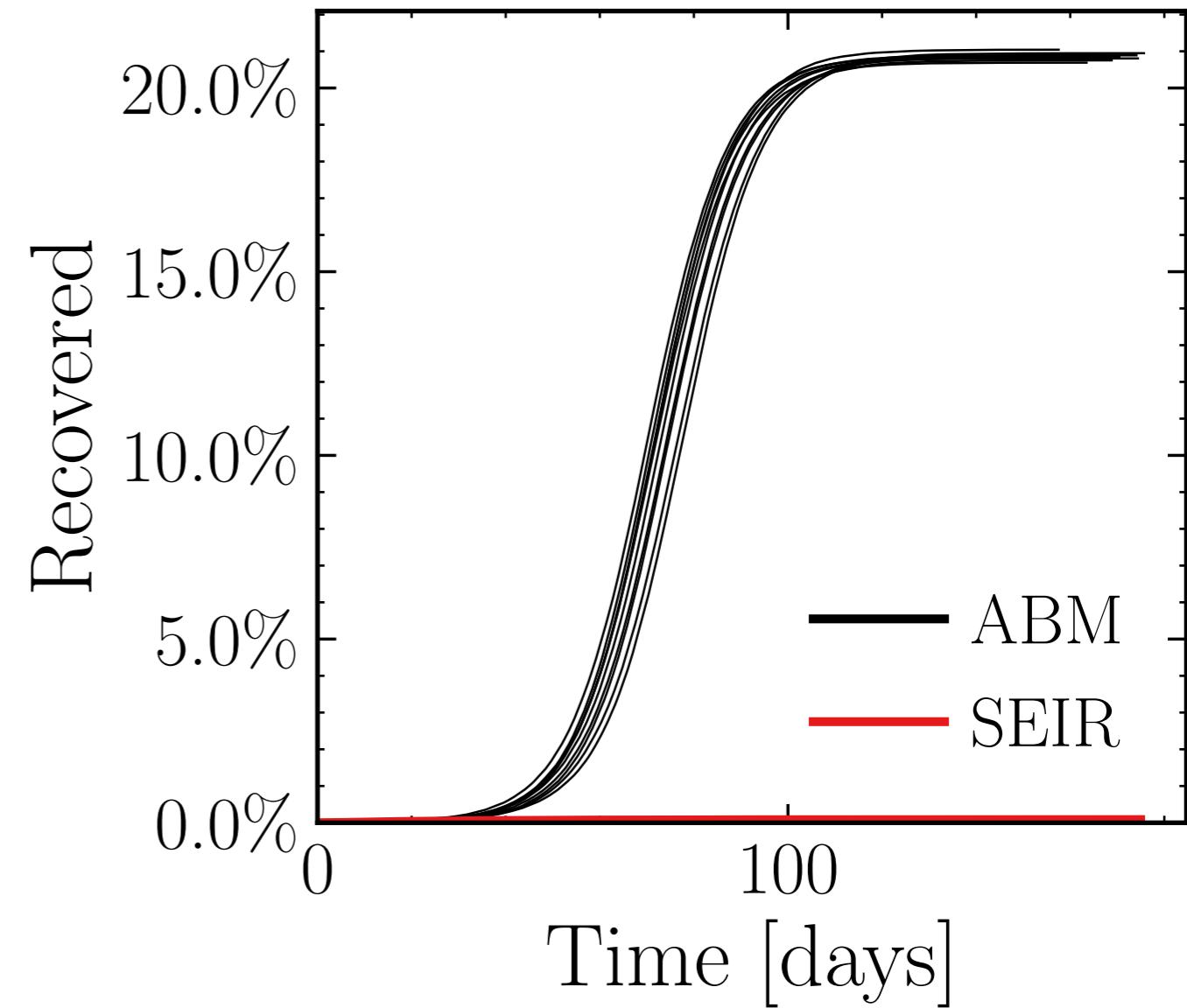
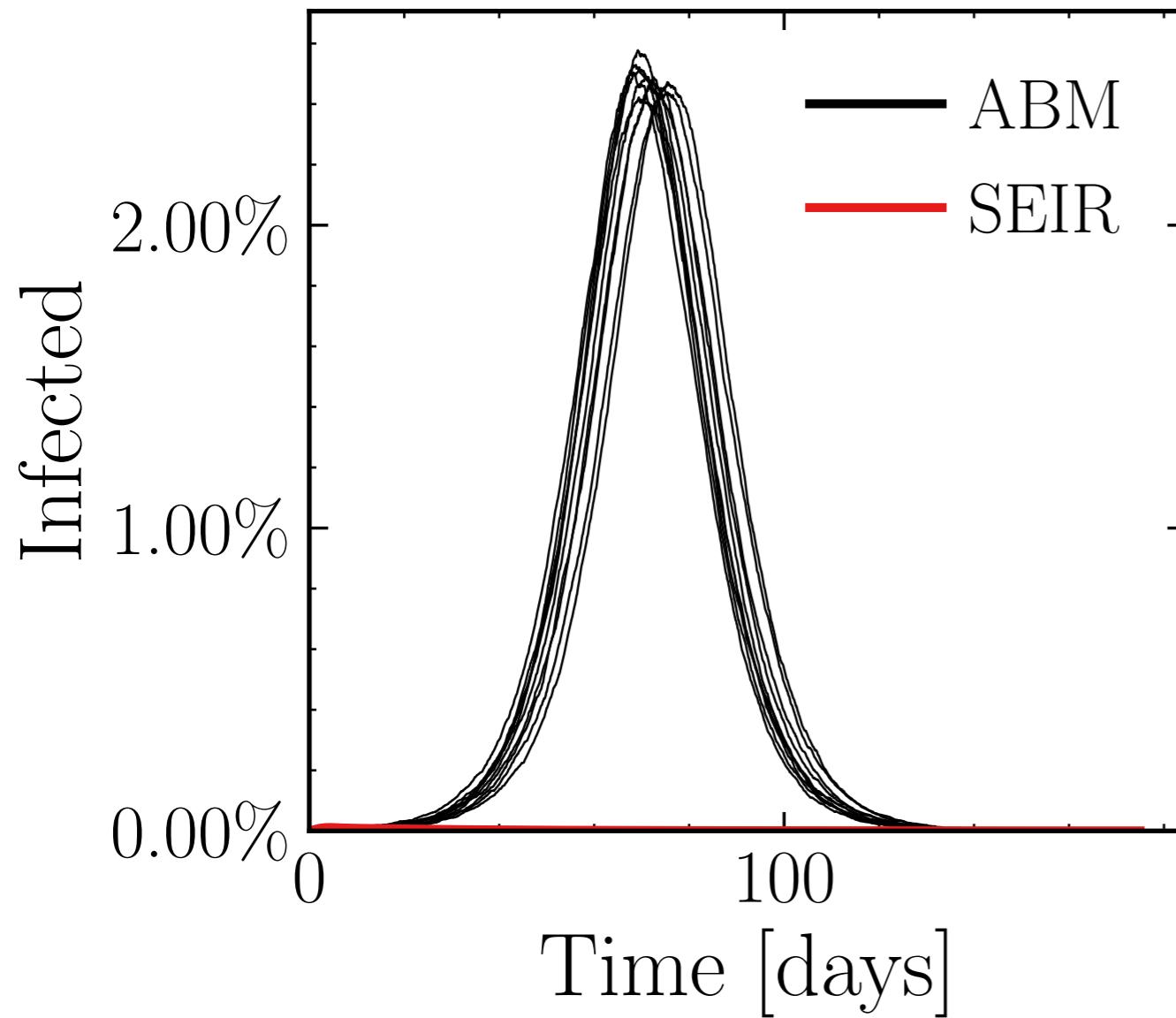
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (14.44 \pm 0.56\%) \cdot 10^3$

v. = 1.0, hash = 6afb139ee4, #10

$R_\infty^{\text{ABM}} = (121 \pm 0.14\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

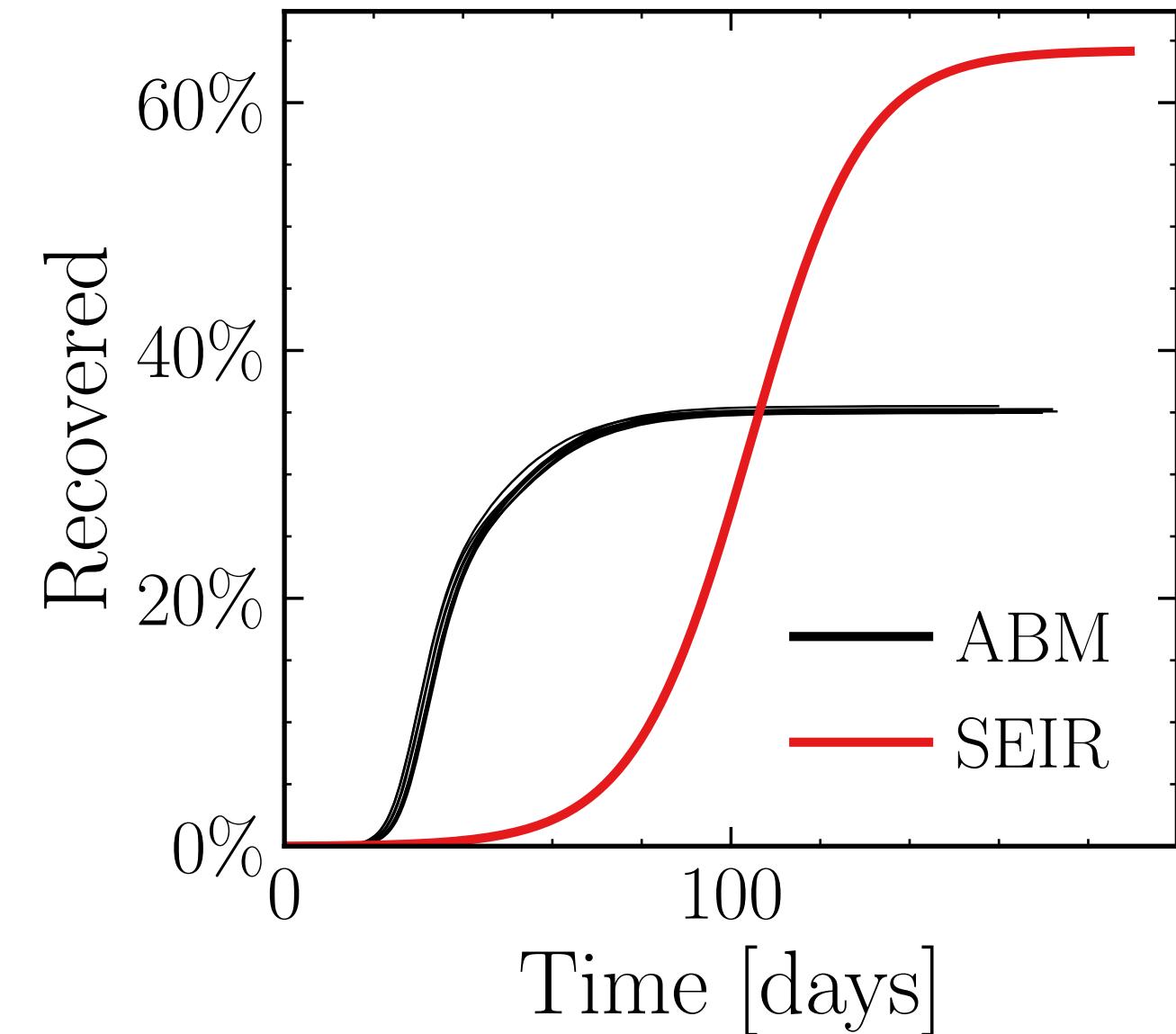
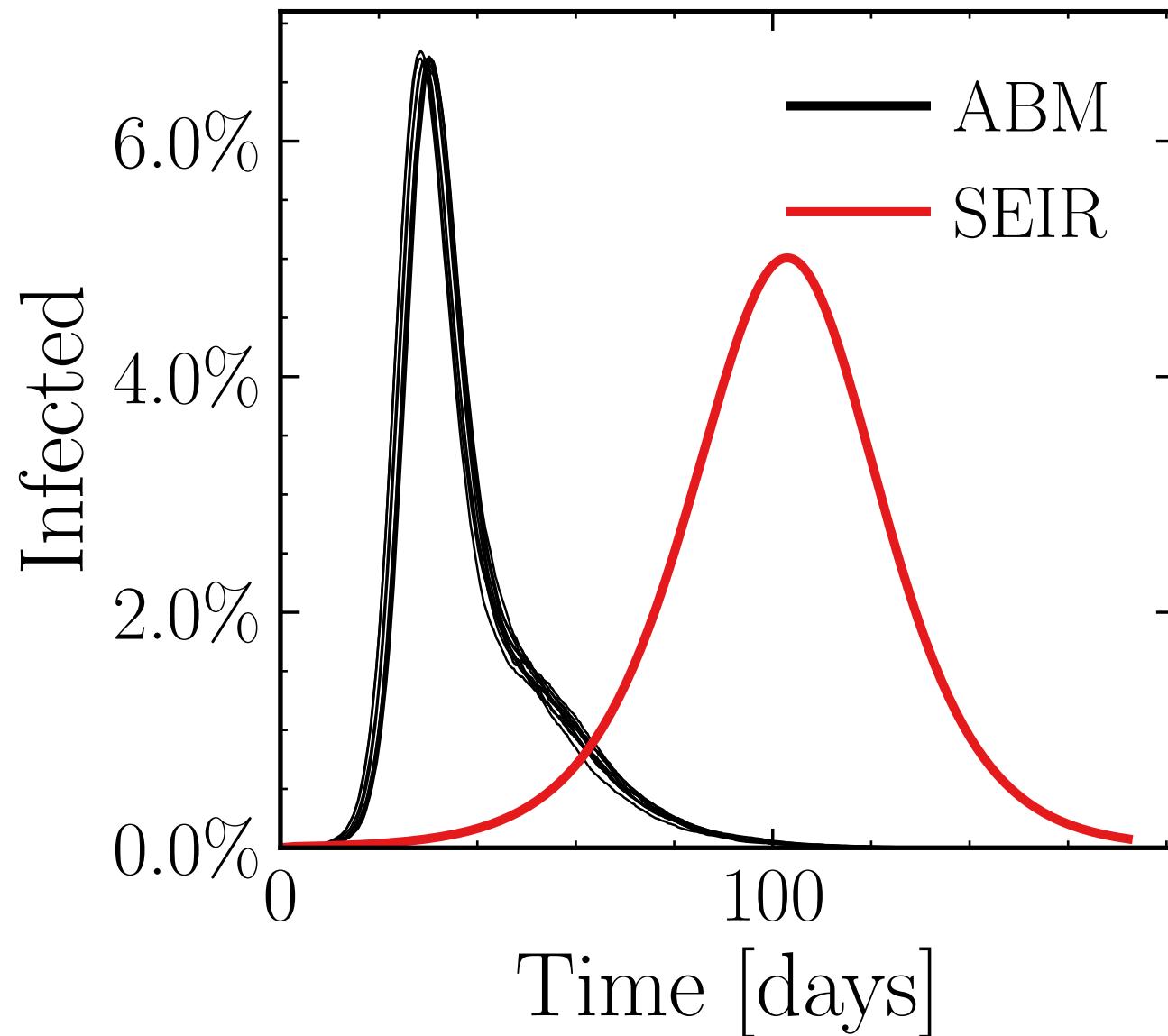
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (38.83 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 541285d305, #10

$R_\infty^{\text{ABM}} = (203.9 \pm 0.15\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

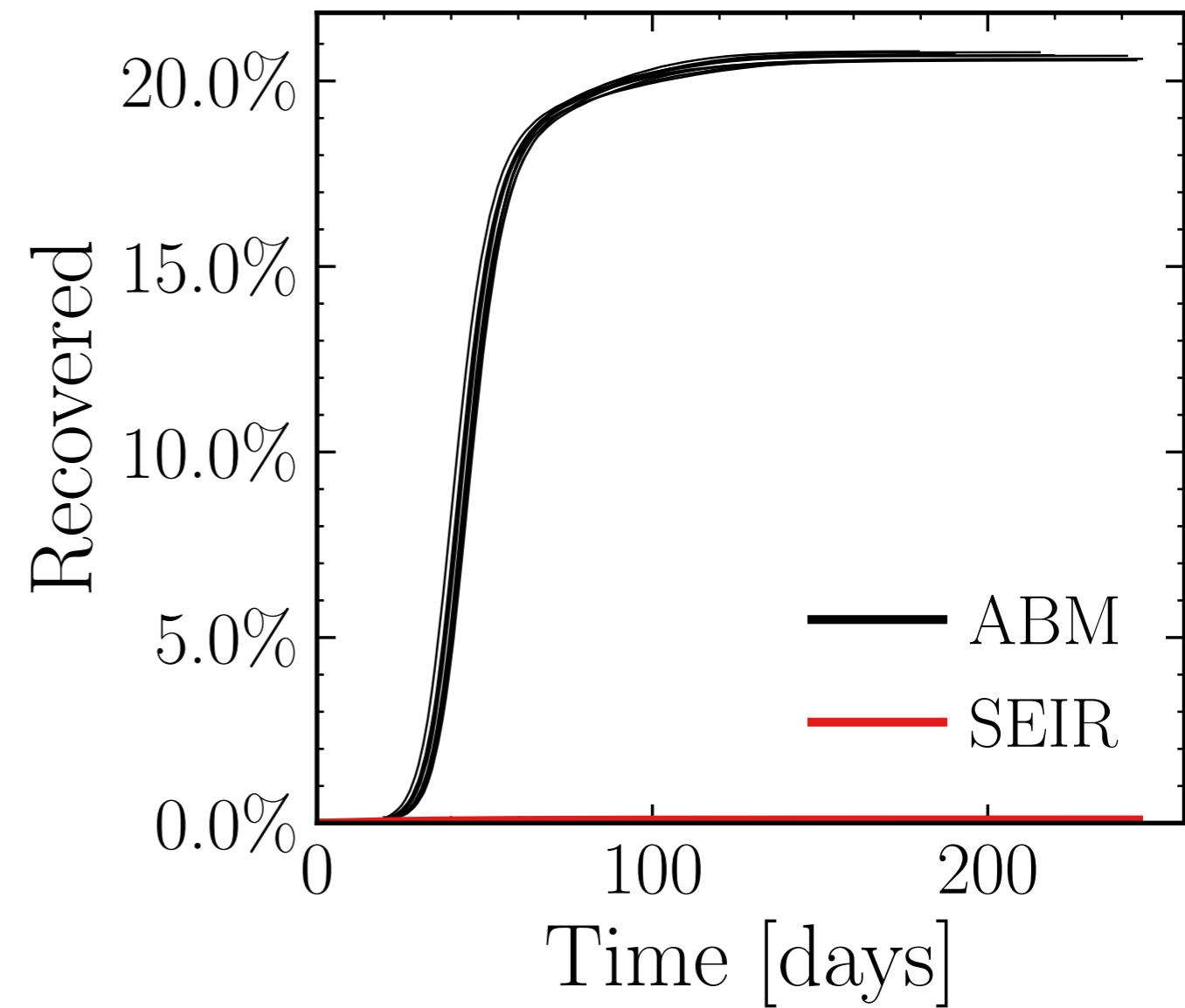
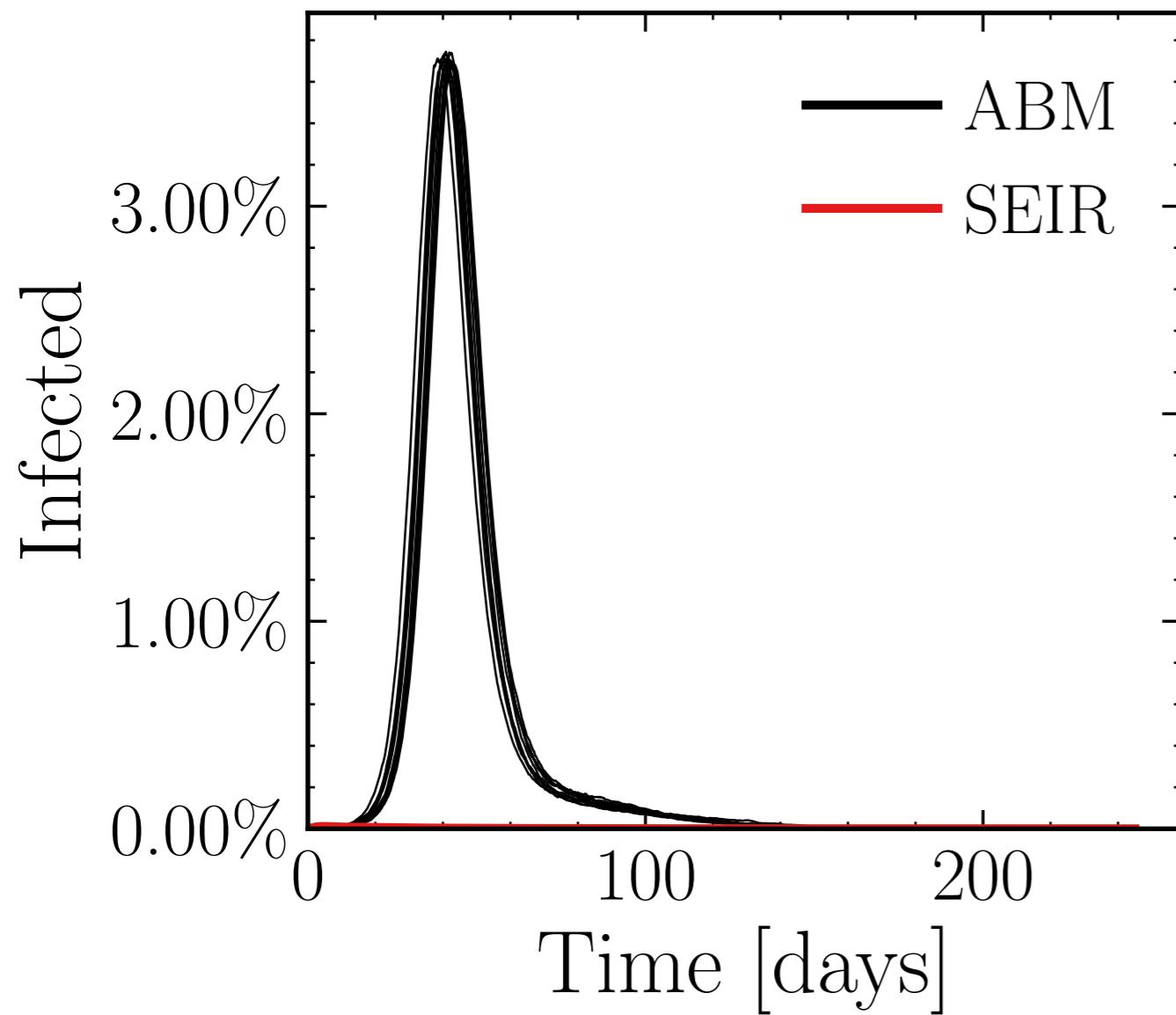
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (21.53 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = c70364d20f, #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, $N_{\text{init}} = 100$

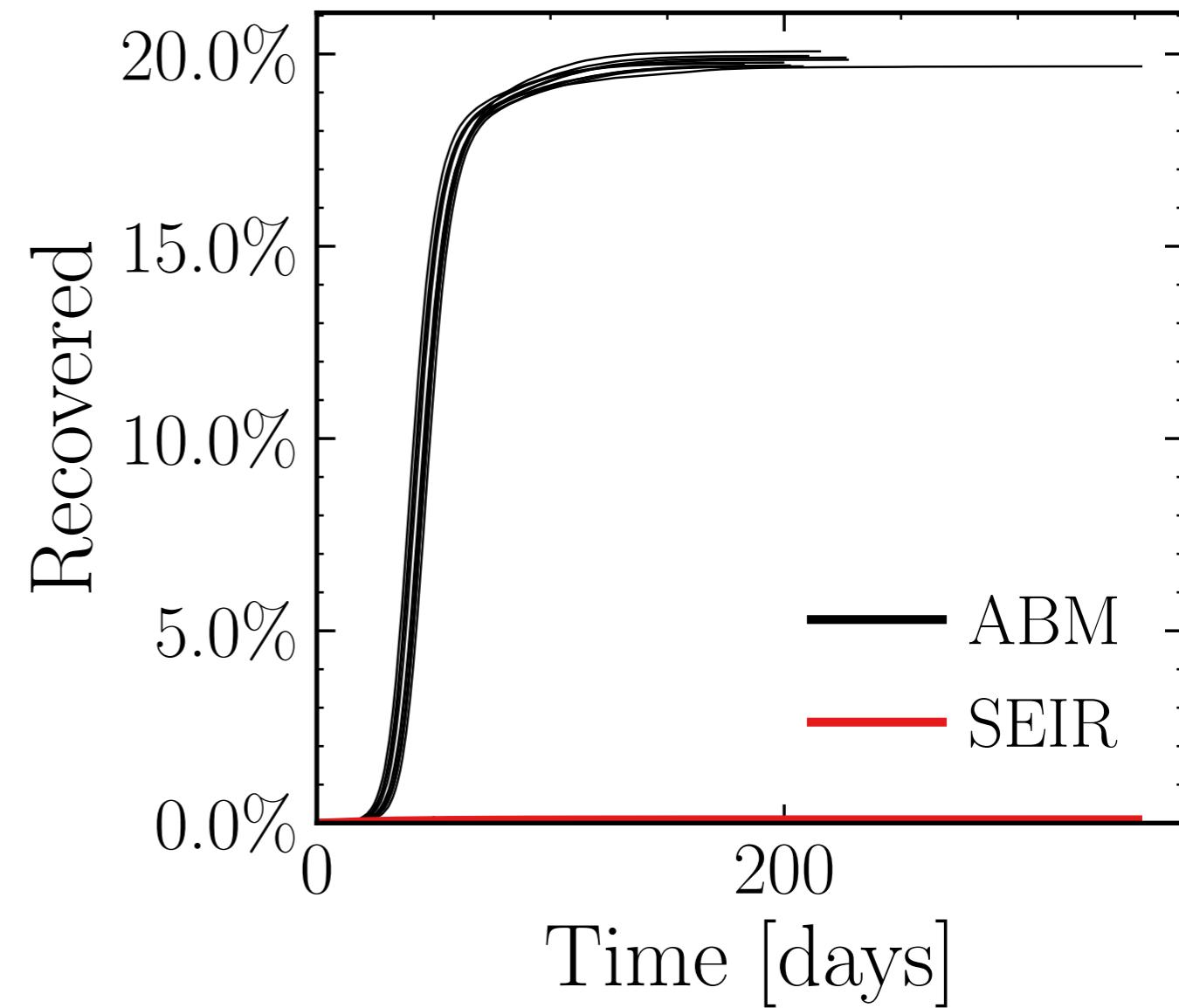
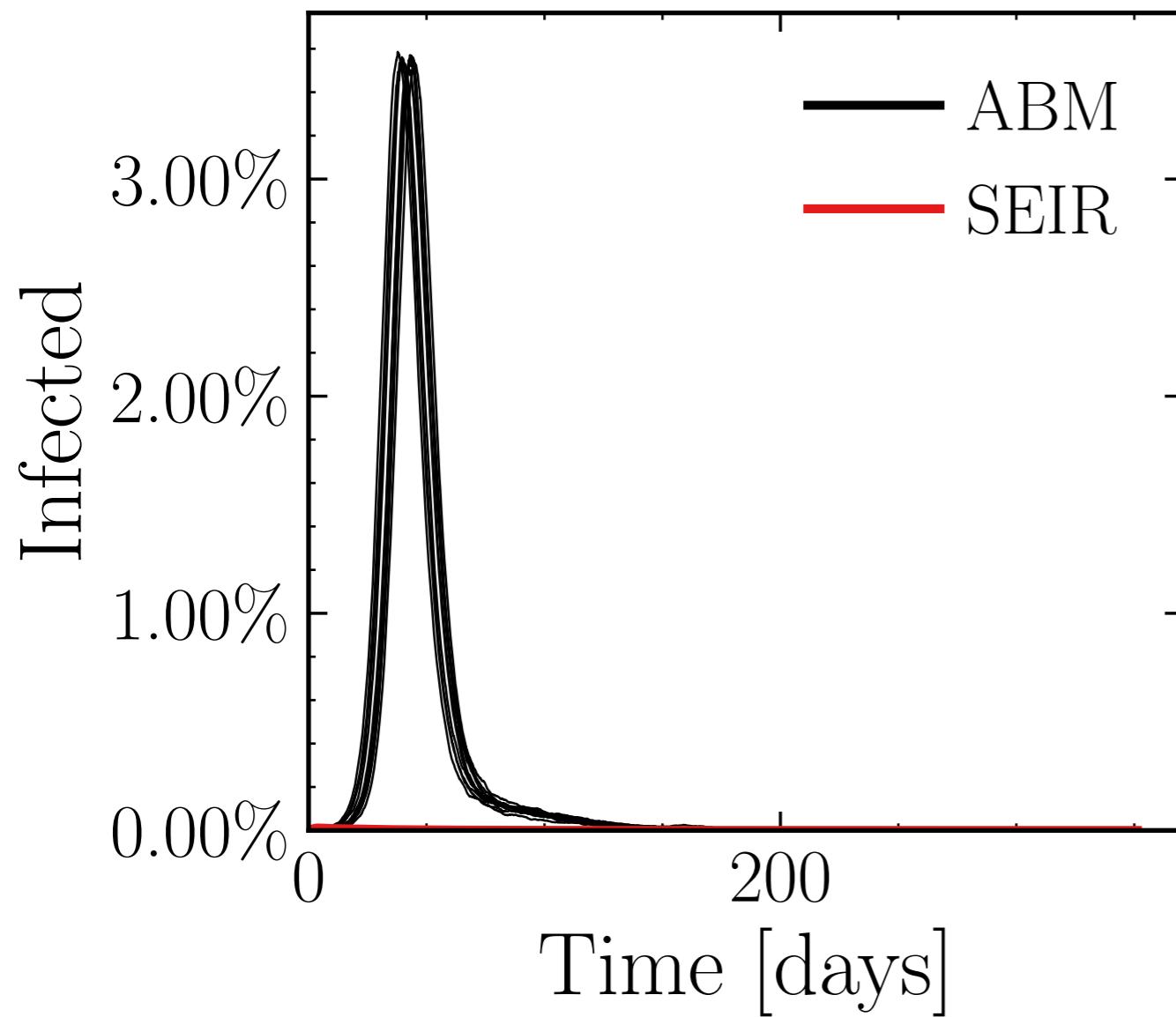
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (20.57 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 3121b506bc, #10

$R_{\infty}^{\text{ABM}} = (114.9 \pm 0.21\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

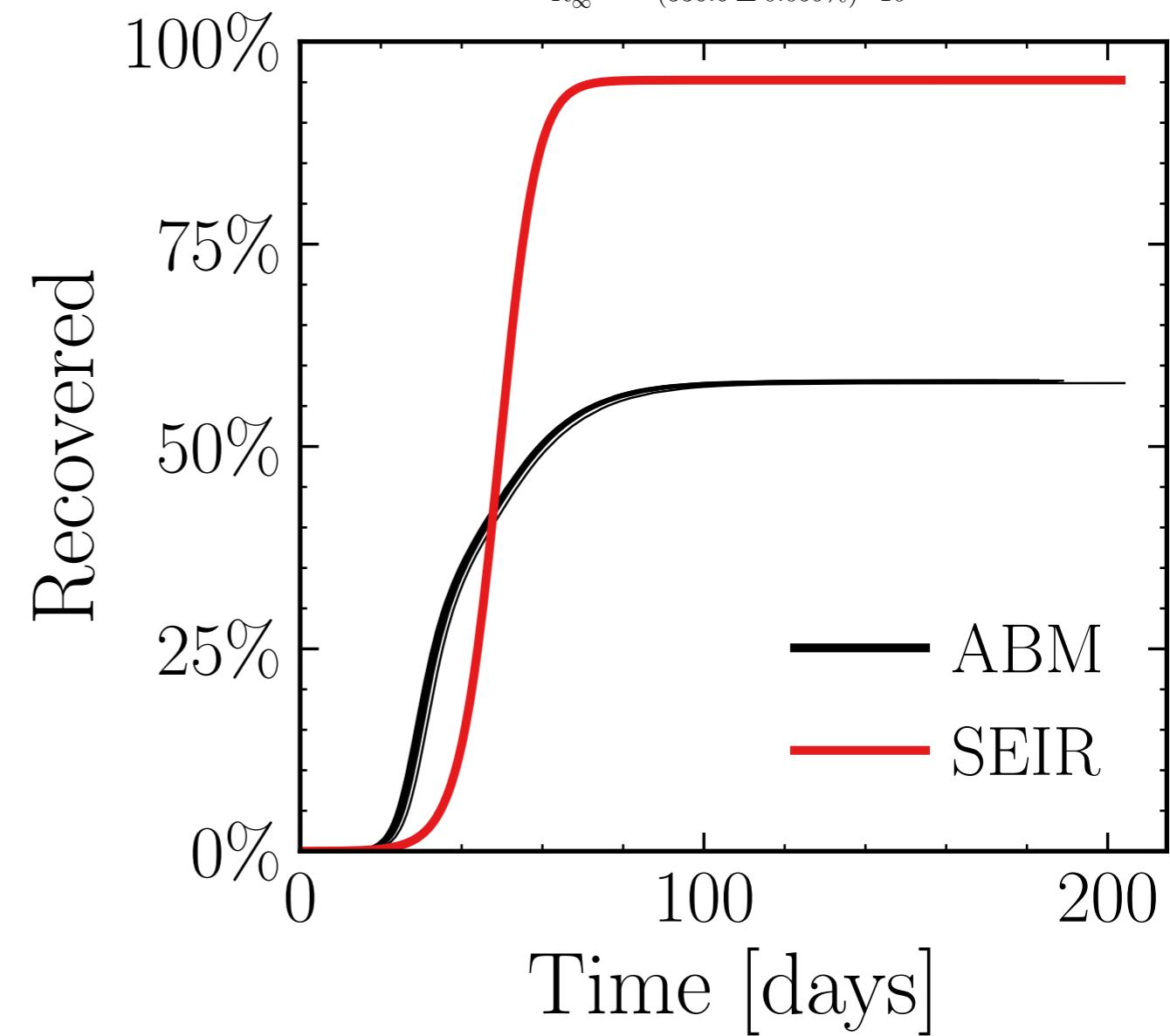
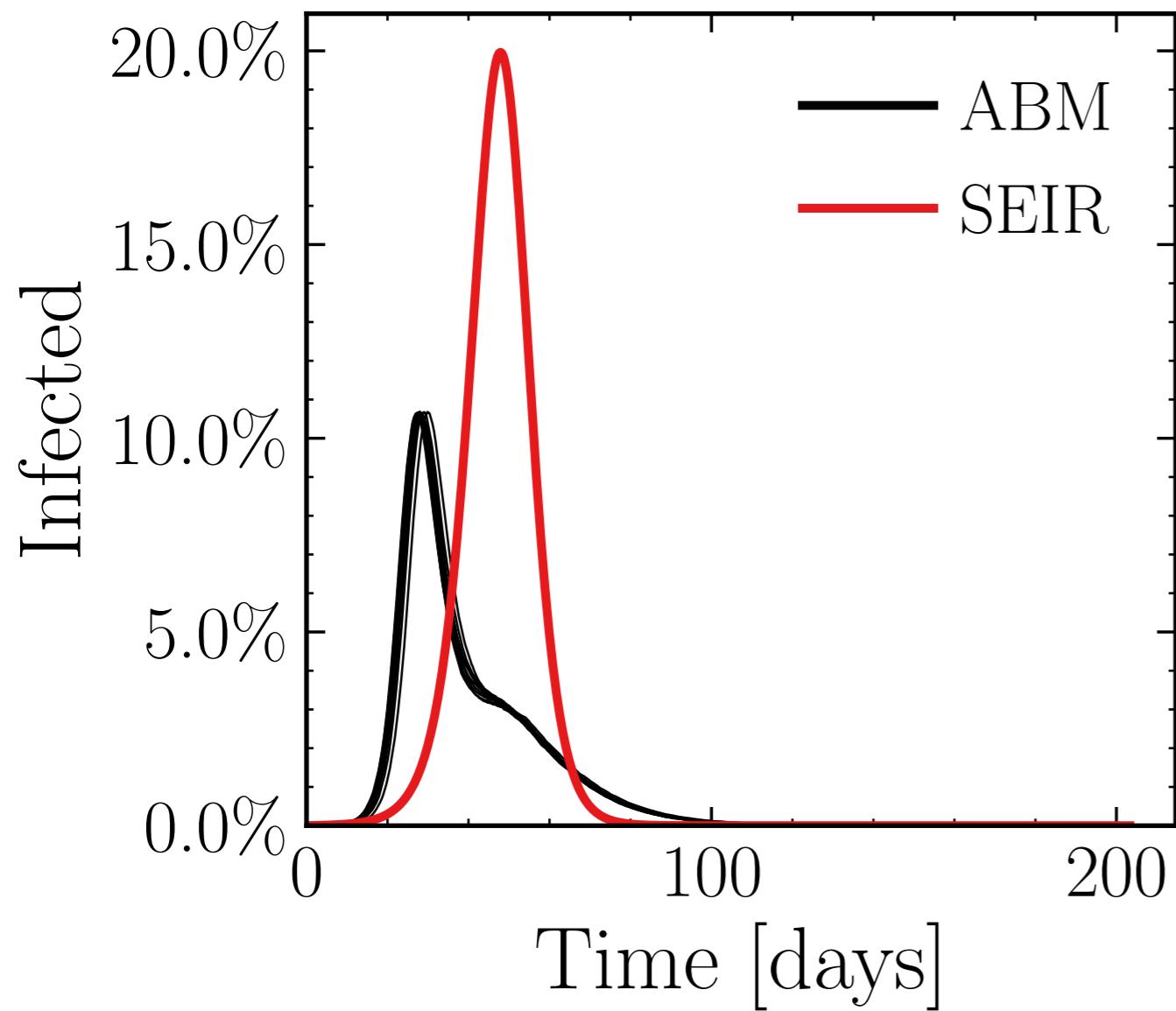
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (61.79 \pm 0.08\%) \cdot 10^3$

v. = 1.0, hash = 036e20de76, #10

$R_\infty^{\text{ABM}} = (336.6 \pm 0.059\%) \cdot 10^3$



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

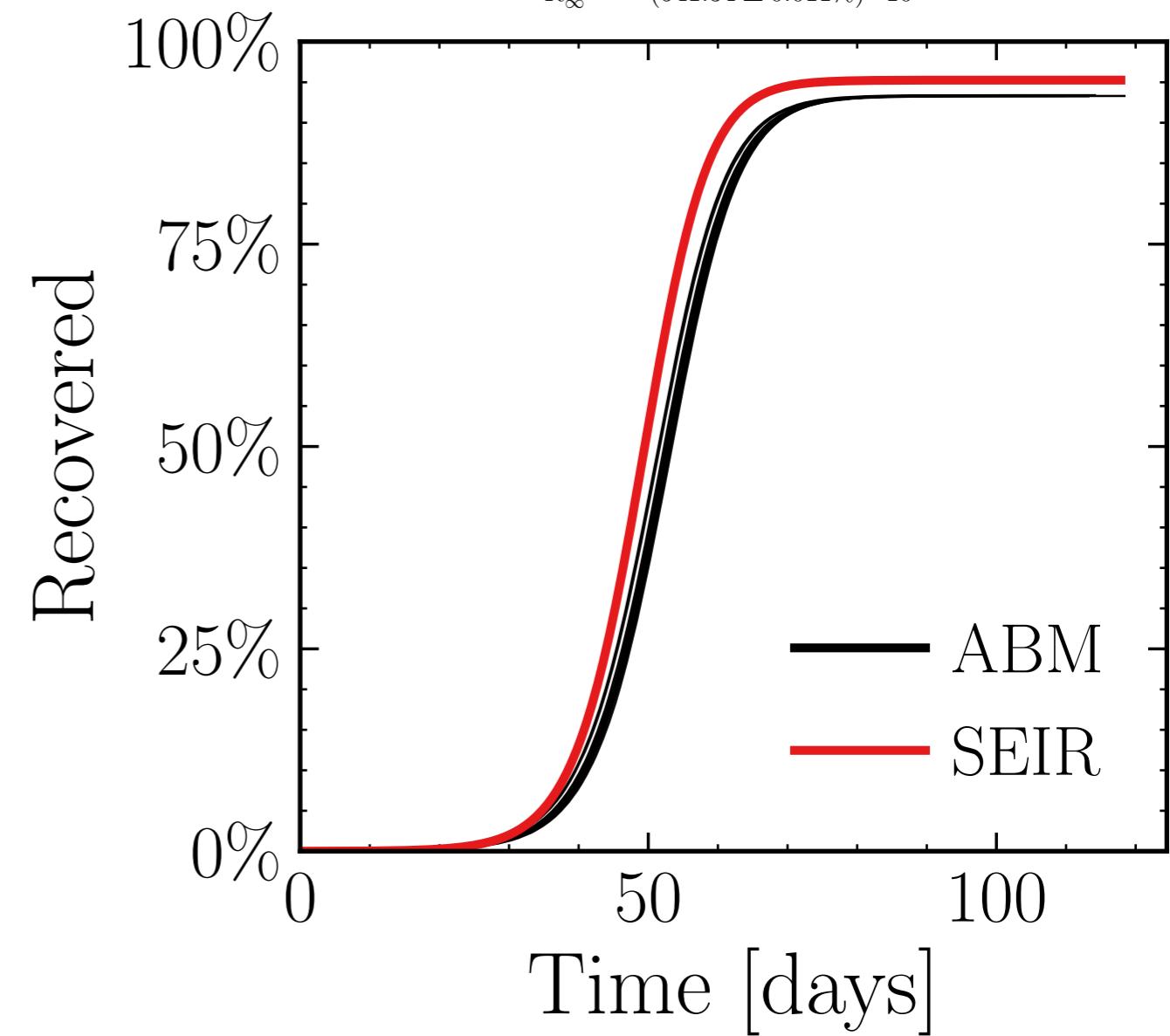
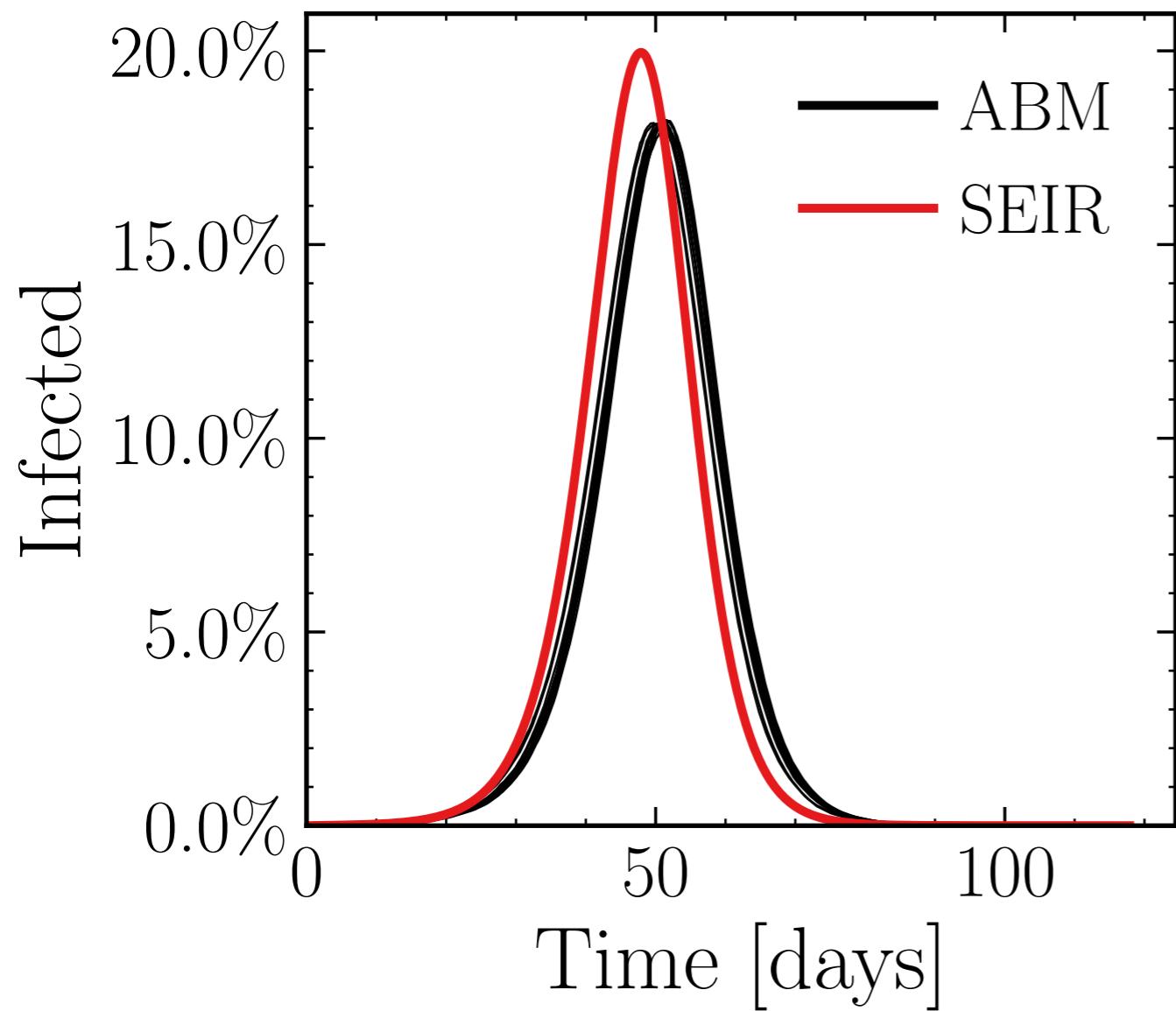
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (105.2 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = c94879d913, #10

$R_\infty^{\text{ABM}} = (541.34 \pm 0.011\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

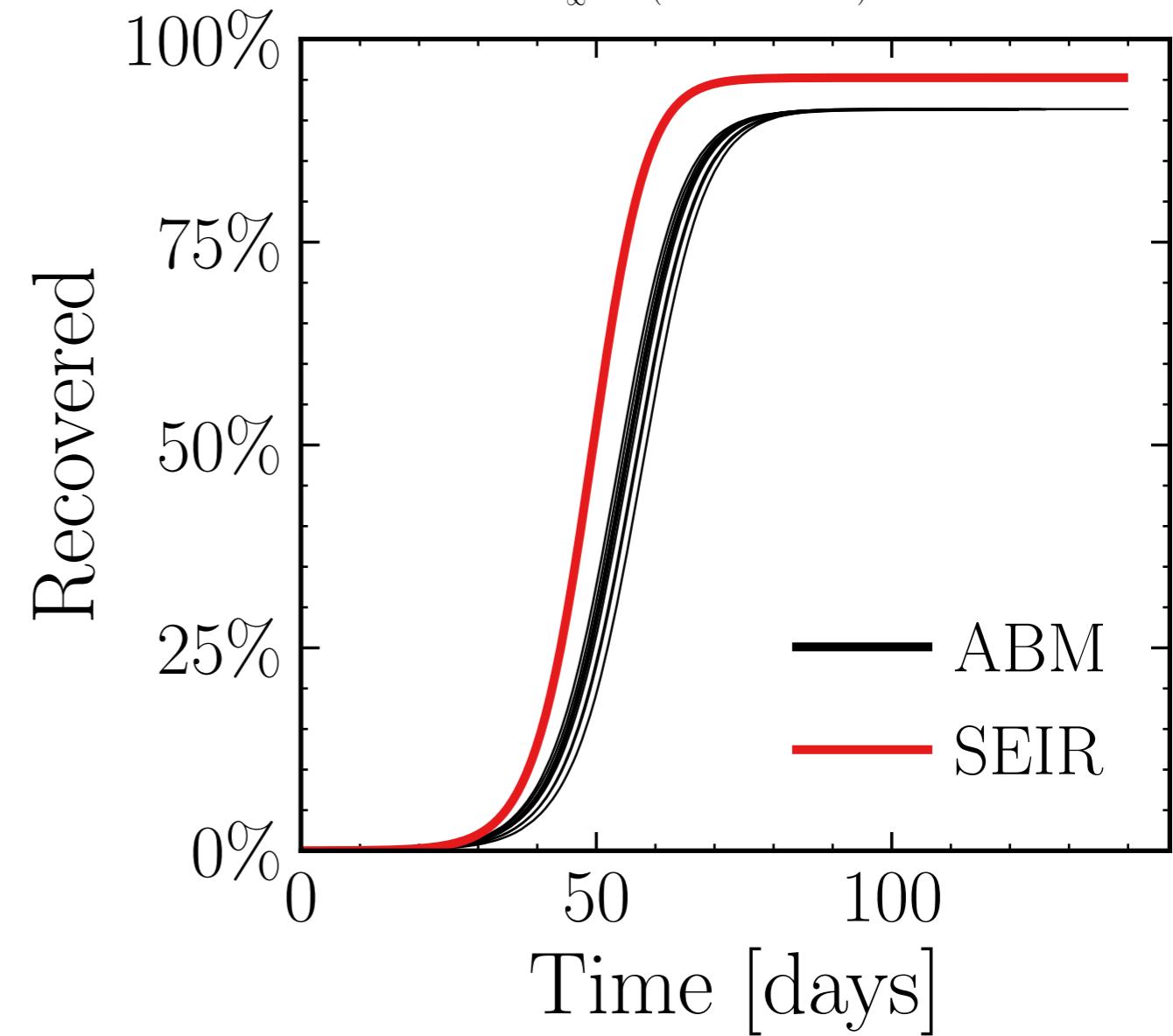
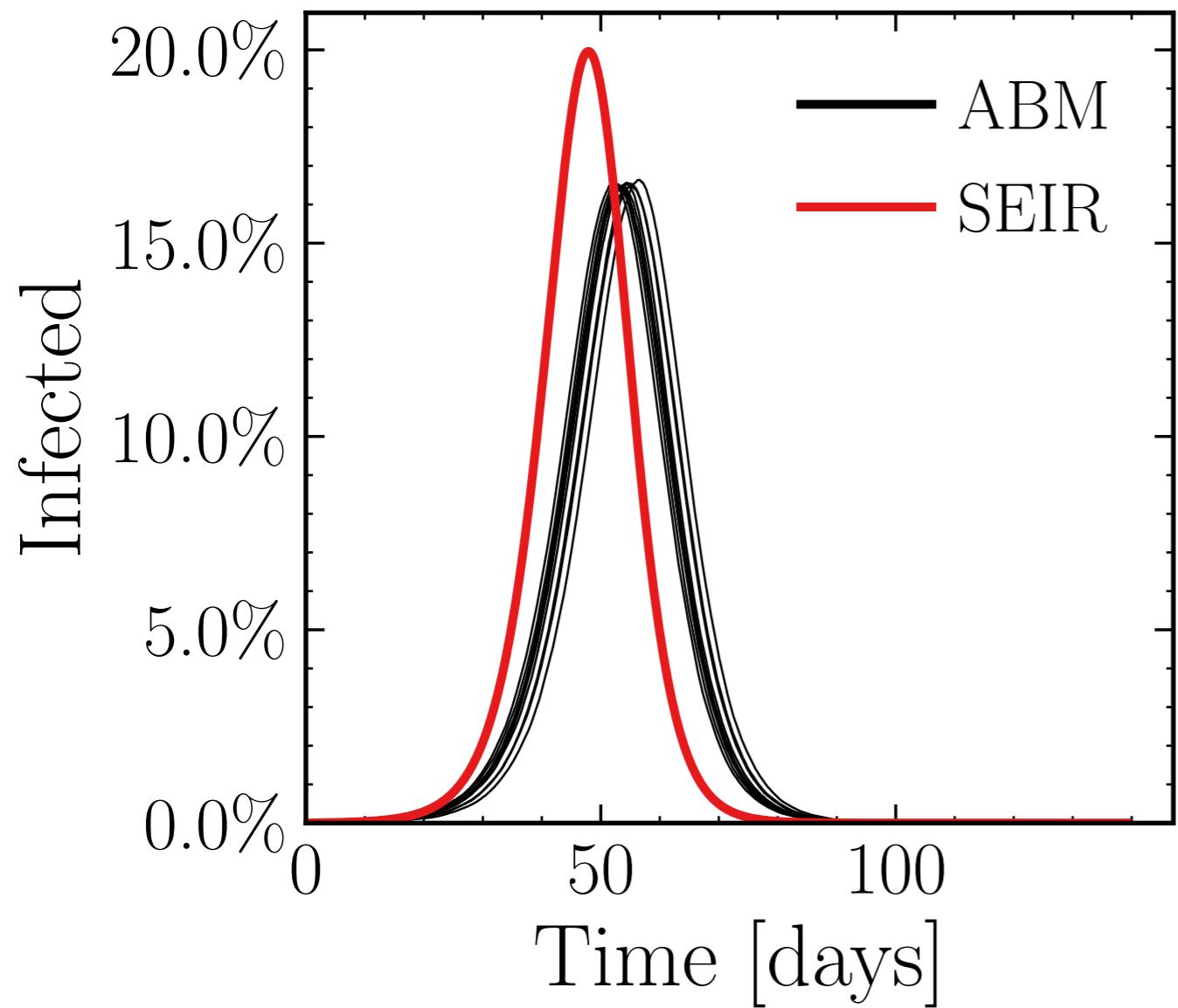
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (95.8 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = d73c98f130, #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, $N_{\text{init}} = 100$

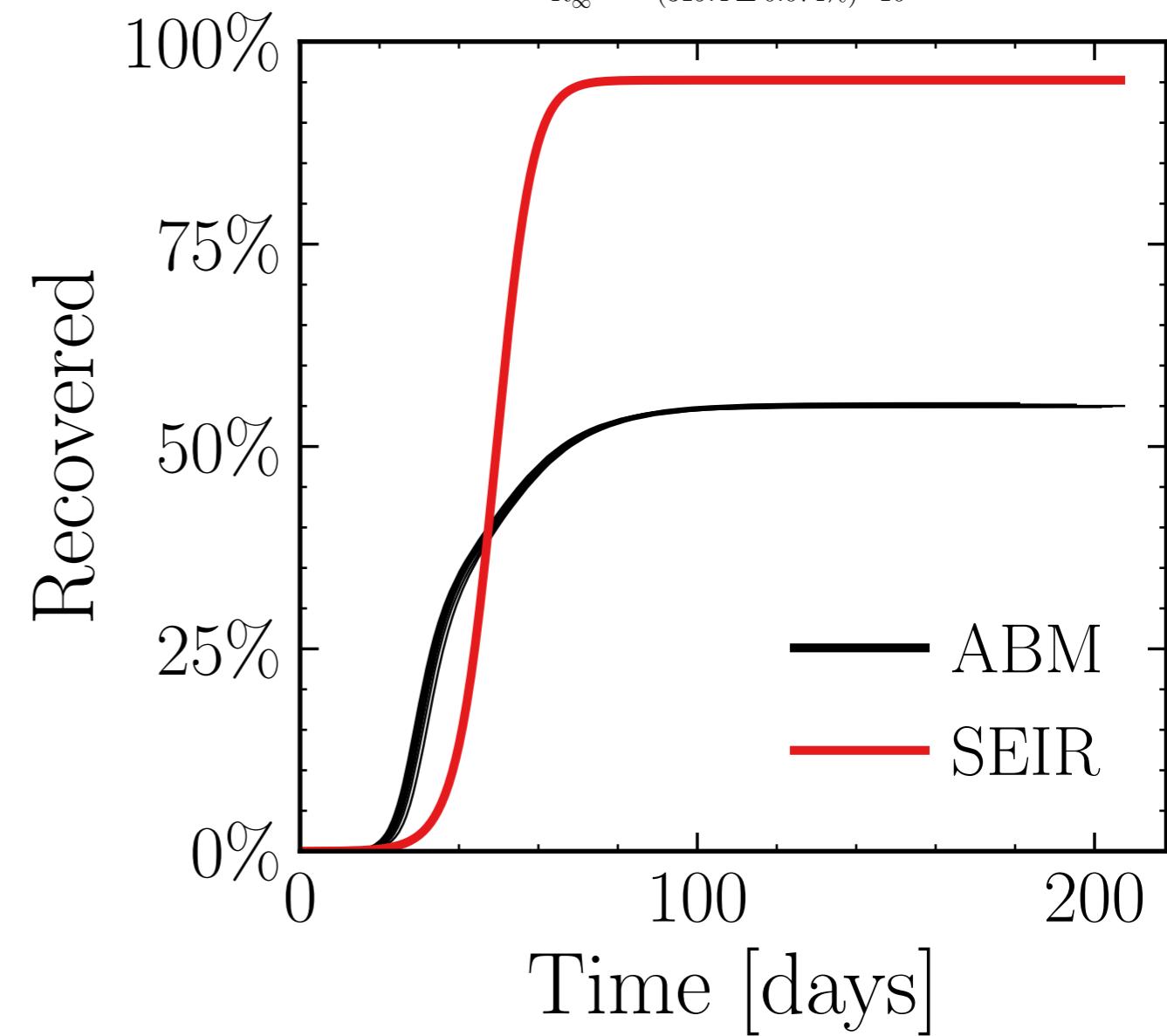
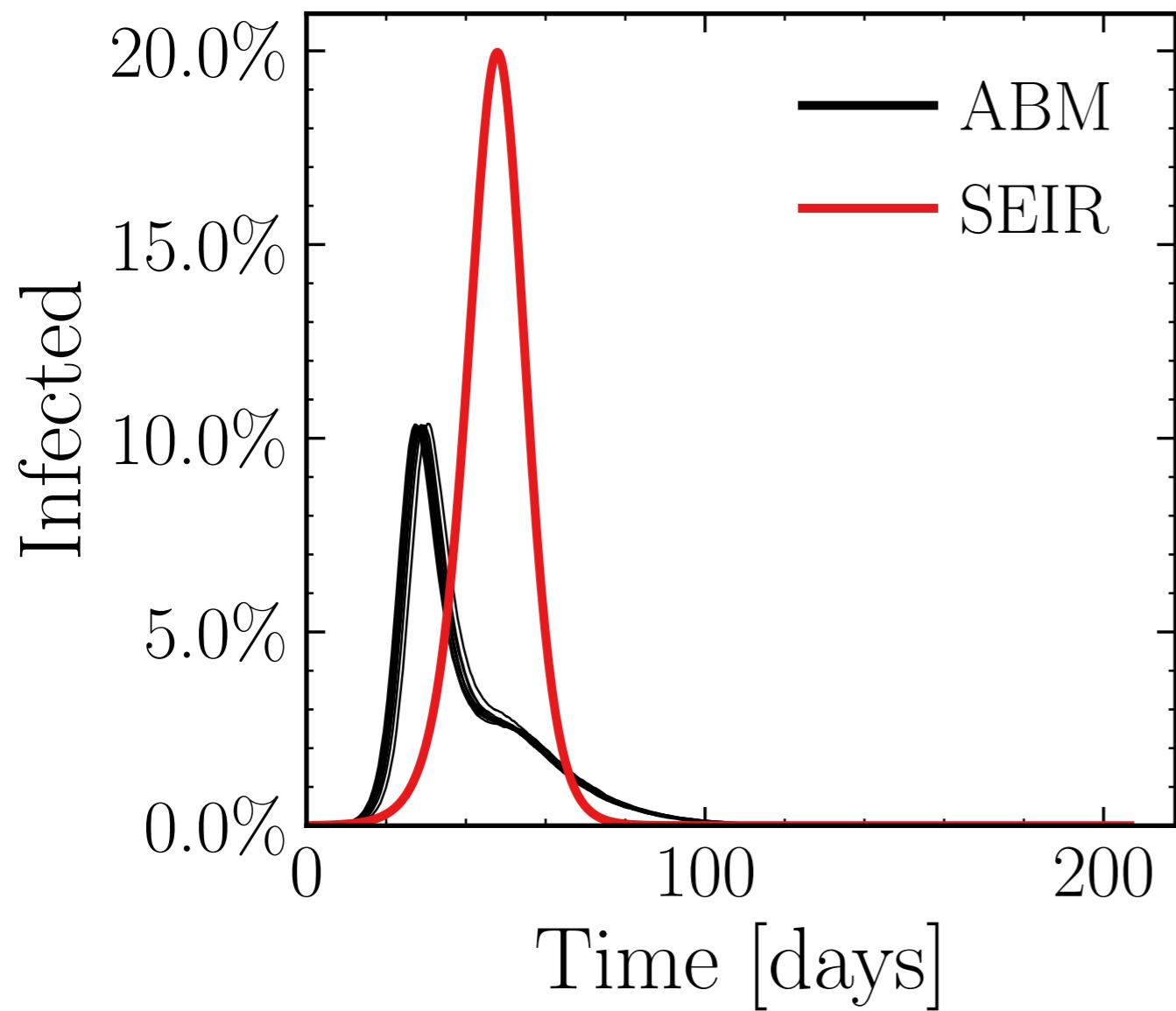
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (59.91 \pm 0.079\%) \cdot 10^3$

v. = 1.0, hash = eabe19b60a, #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, $N_{\text{init}} = 100$

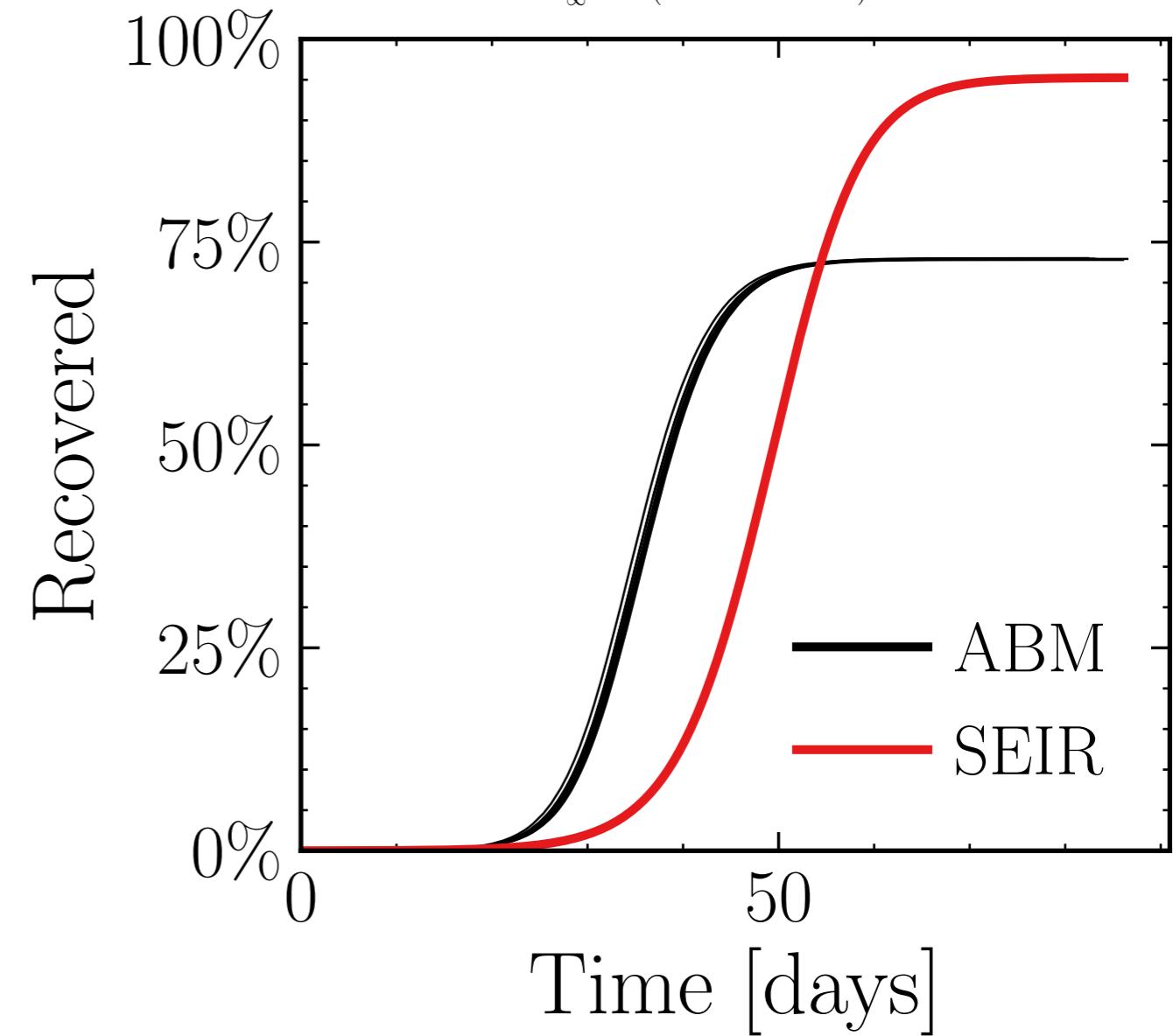
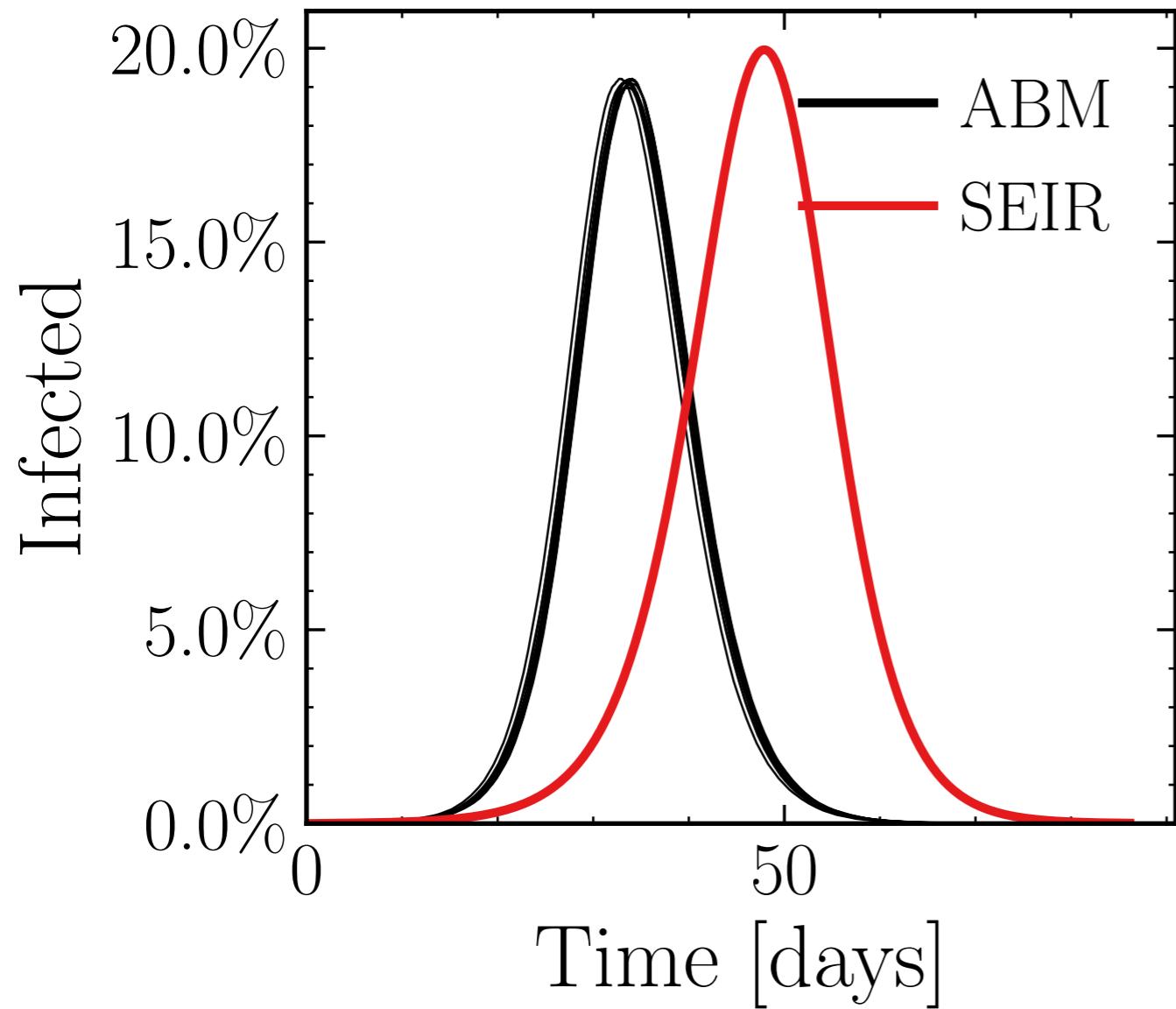
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (111 \pm 0.11\%) \cdot 10^3$

v. = 1.0, hash = 759c873501, #10

$R_\infty^{\text{ABM}} = (422.89 \pm 0.024\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

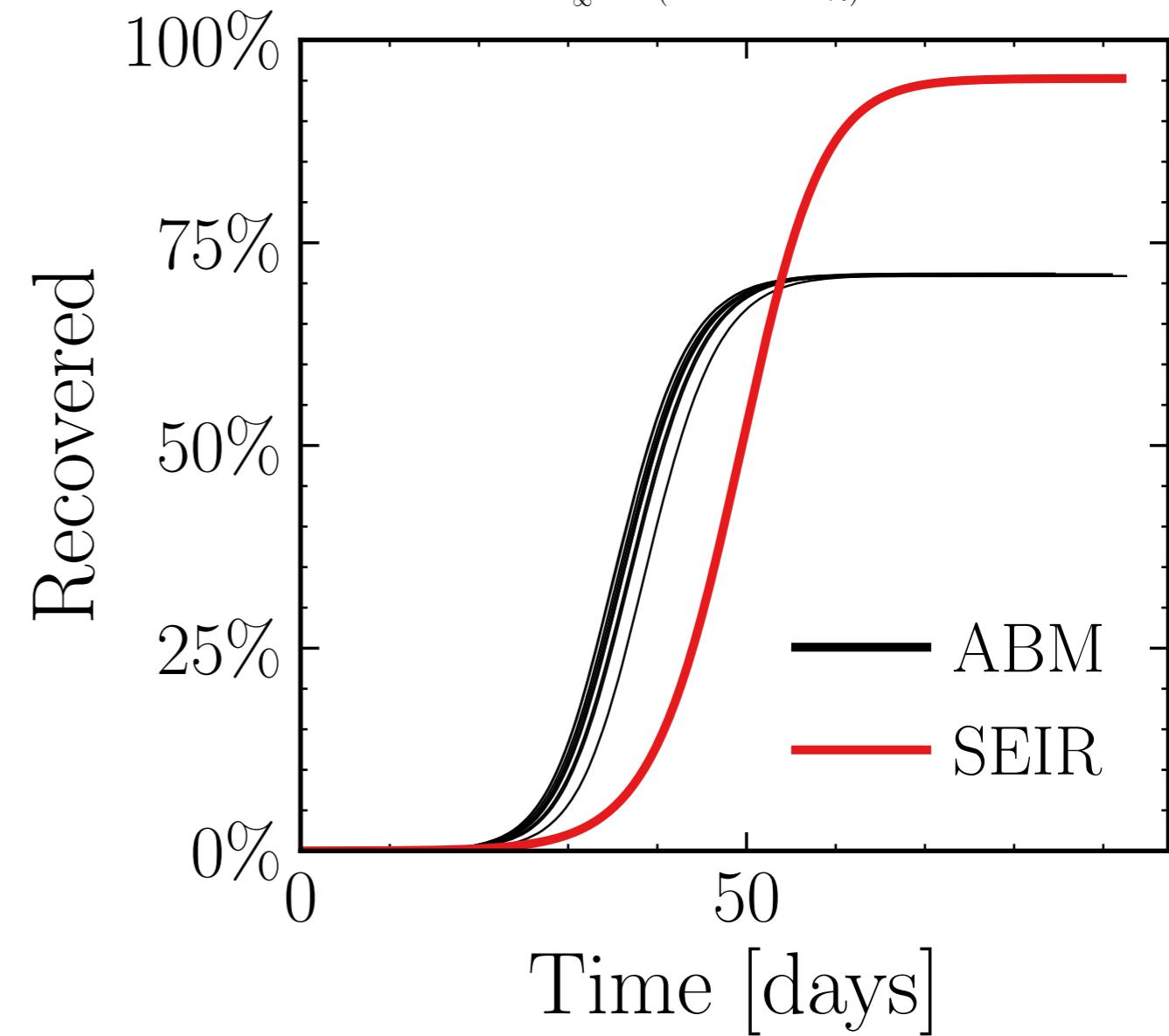
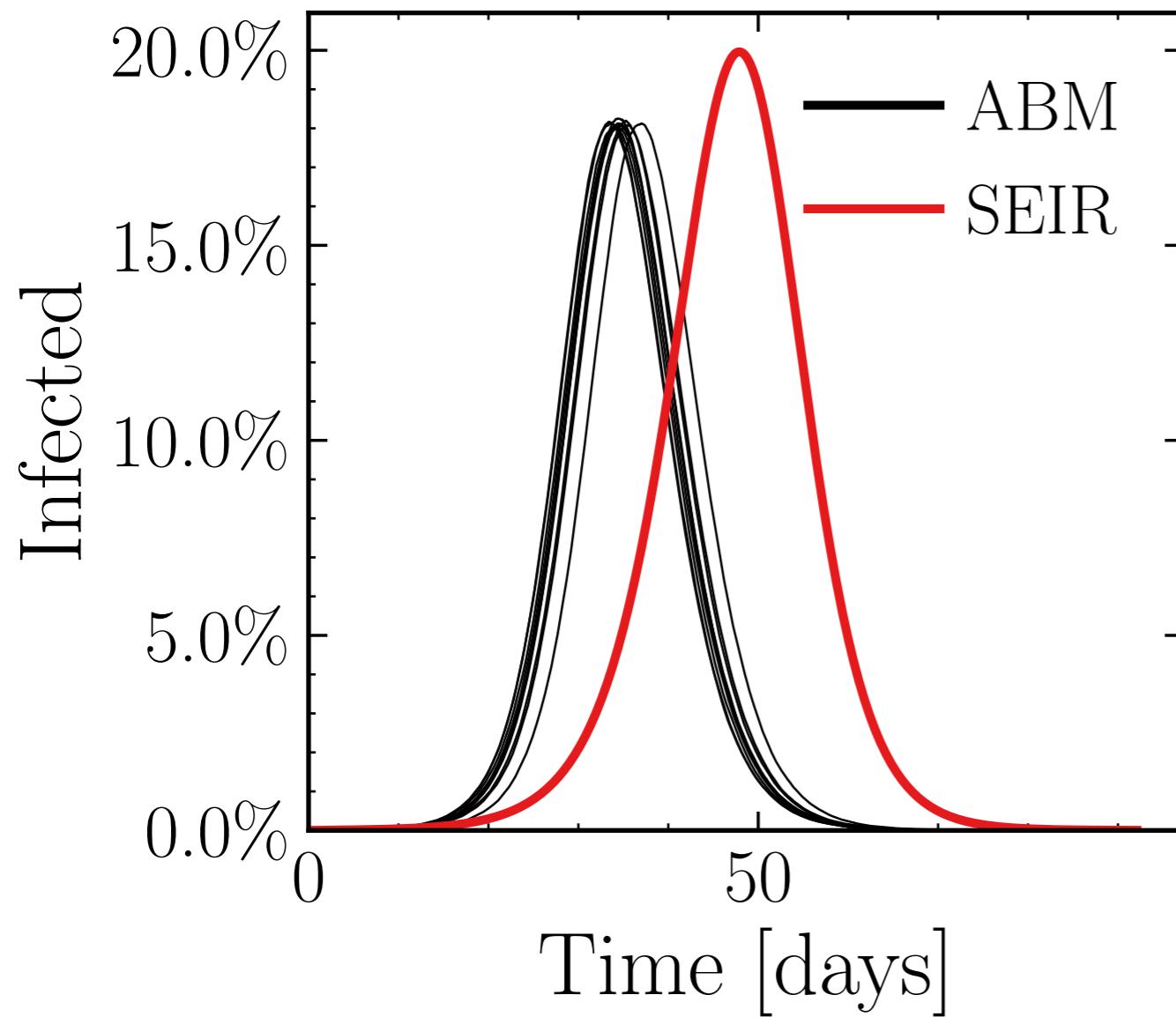
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (105.1 \pm 0.12\%) \cdot 10^3$

v. = 1.0, hash = 99c71ff4d3, #10

$R_{\infty}^{\text{ABM}} = (412.2 \pm 0.039\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

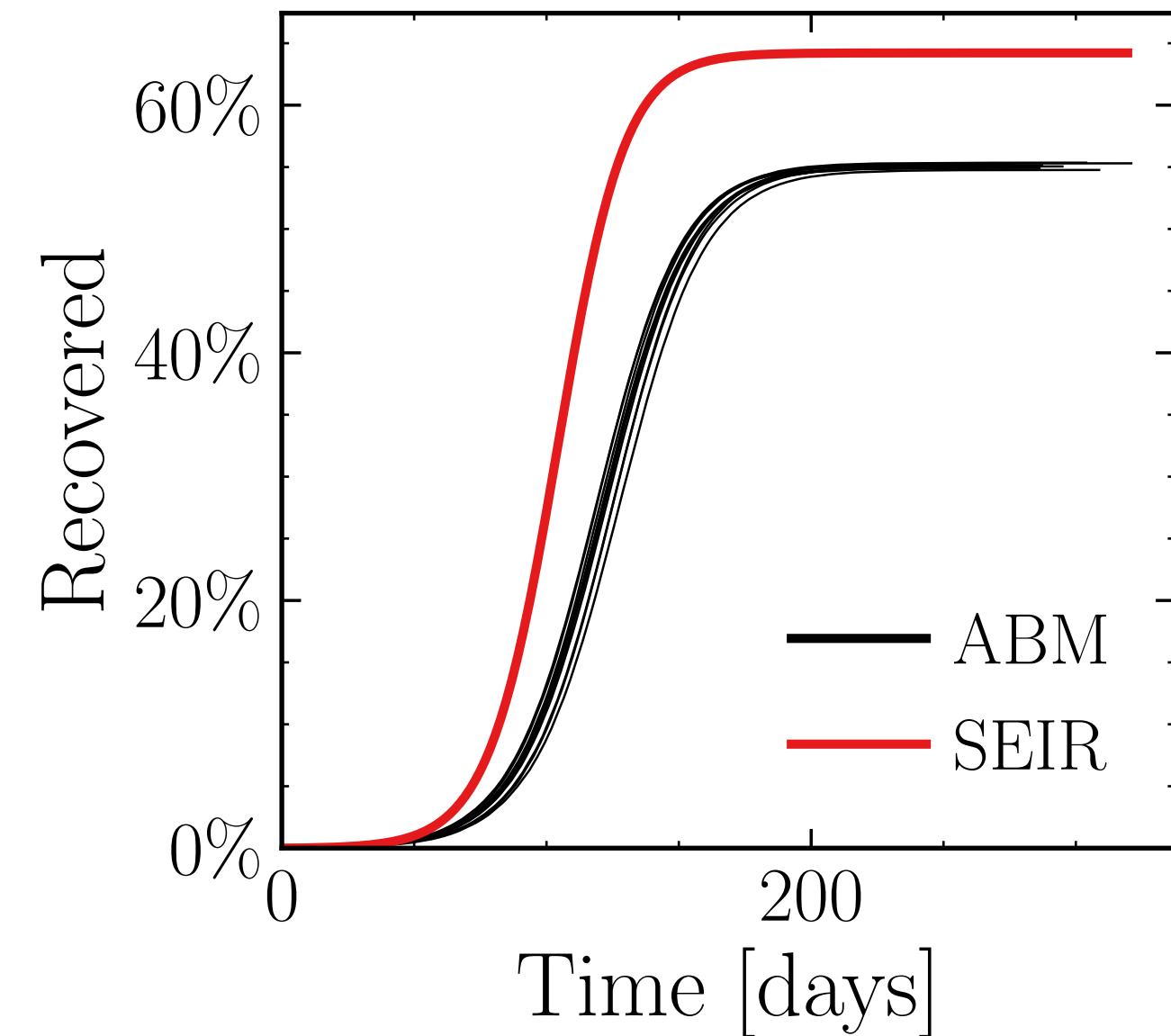
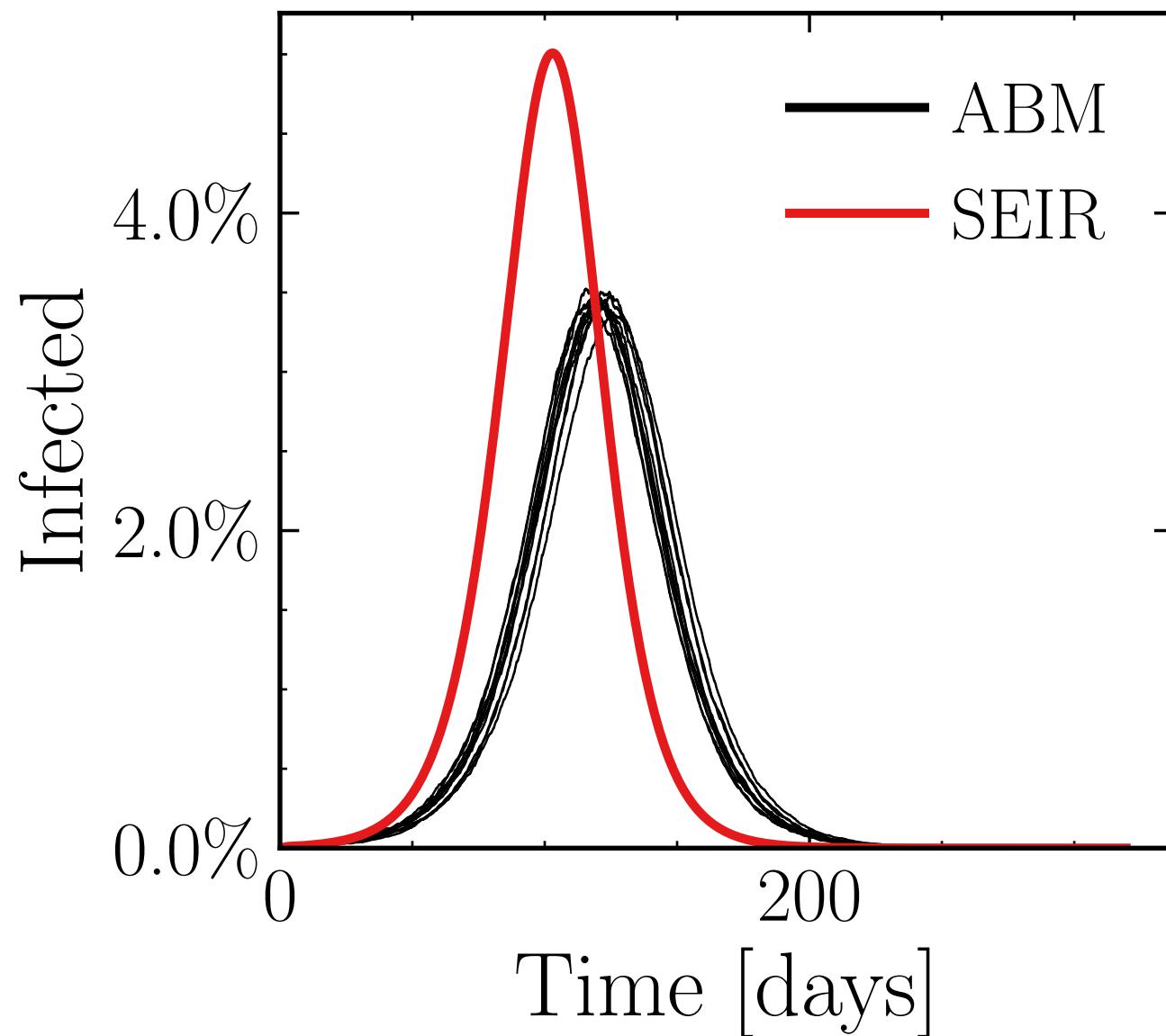
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (20.04 \pm 0.39\%) \cdot 10^3$

v. = 1.0, hash = 50bfaca6d1, #10

$R_{\infty}^{\text{ABM}} = (319.4 \pm 0.1\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

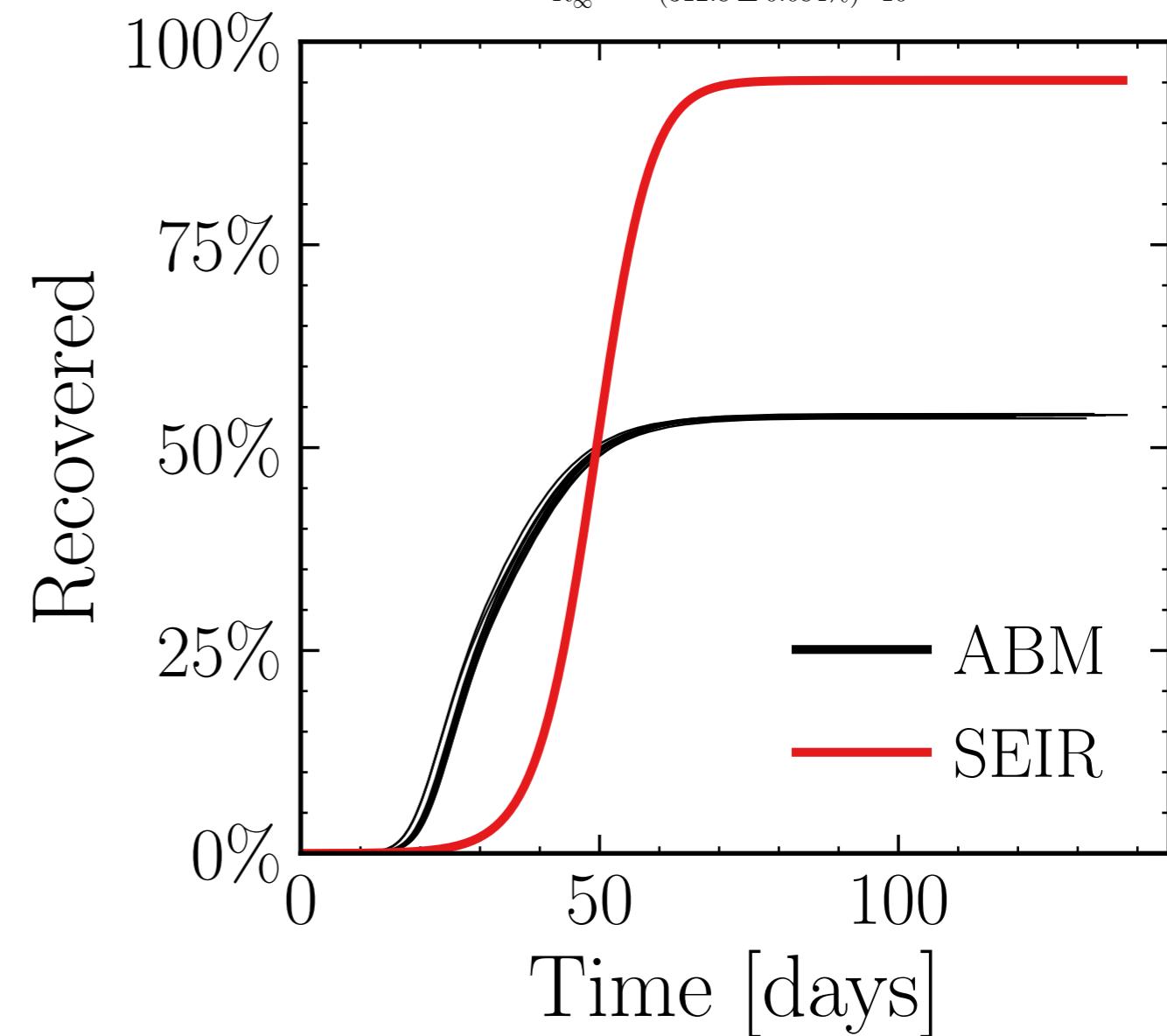
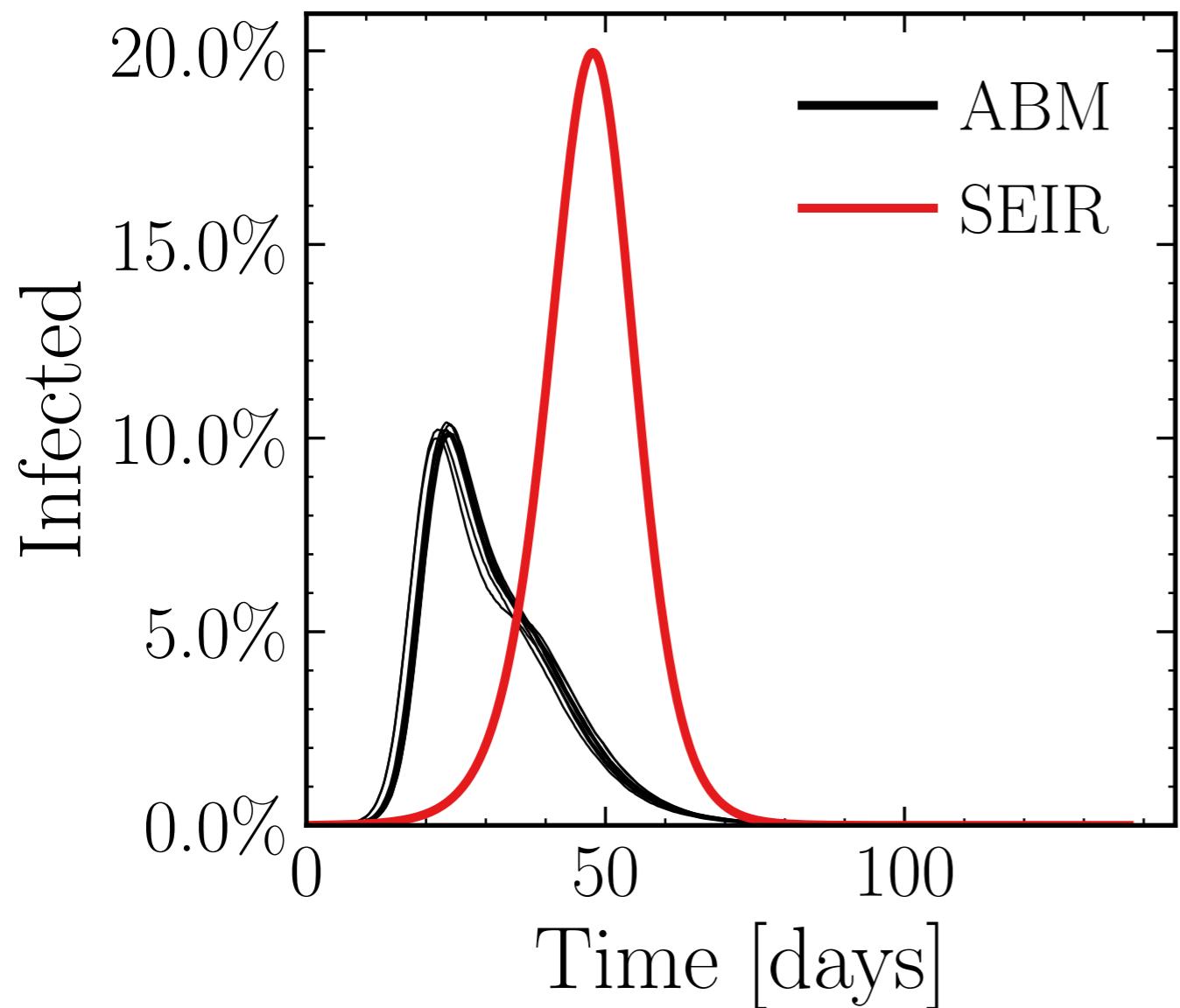
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (59.1 \pm 0.37\%) \cdot 10^3$

v. = 1.0, hash = c7be37ca36, #10

$R_{\infty}^{\text{ABM}} = (312.8 \pm 0.084\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

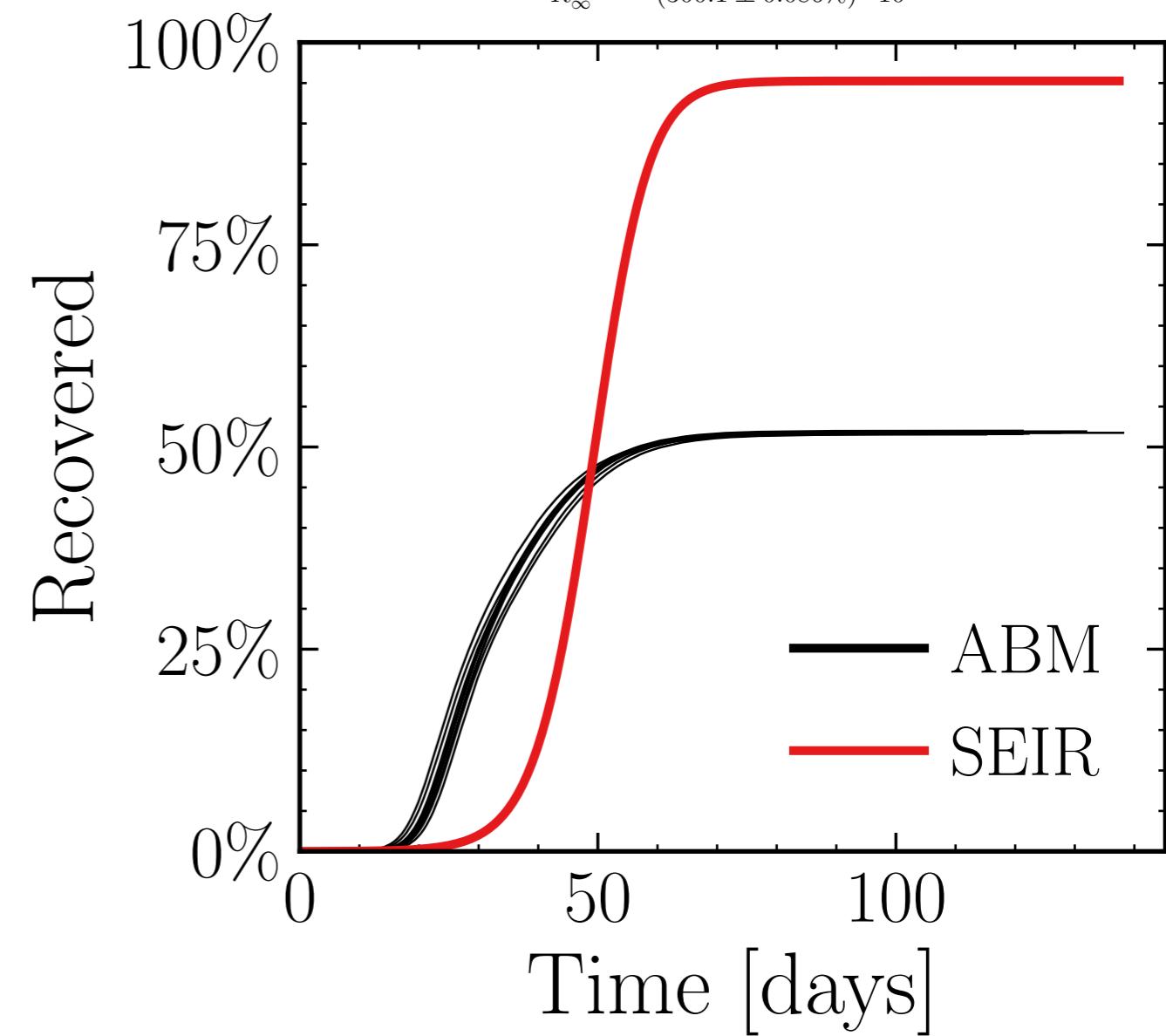
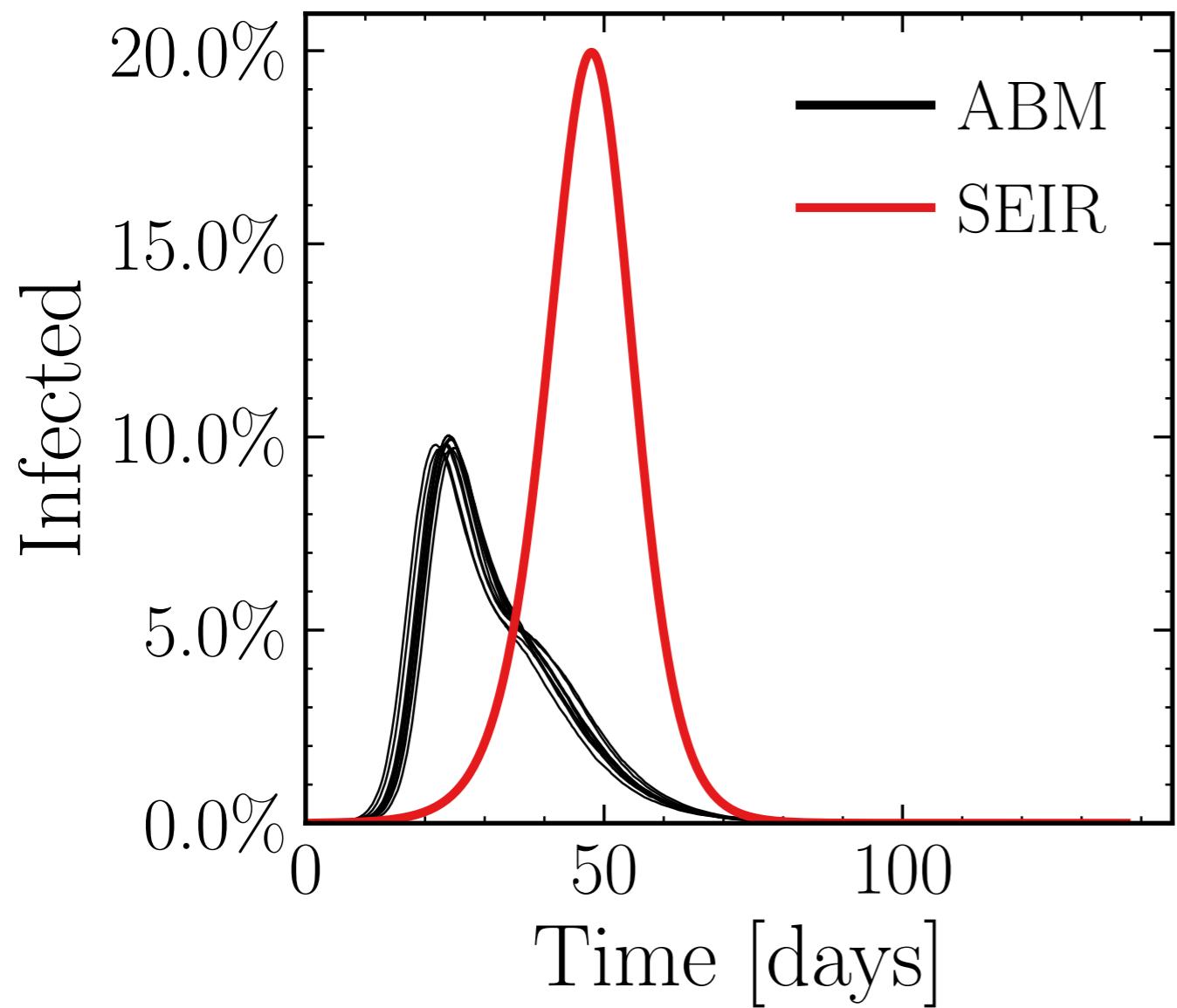
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

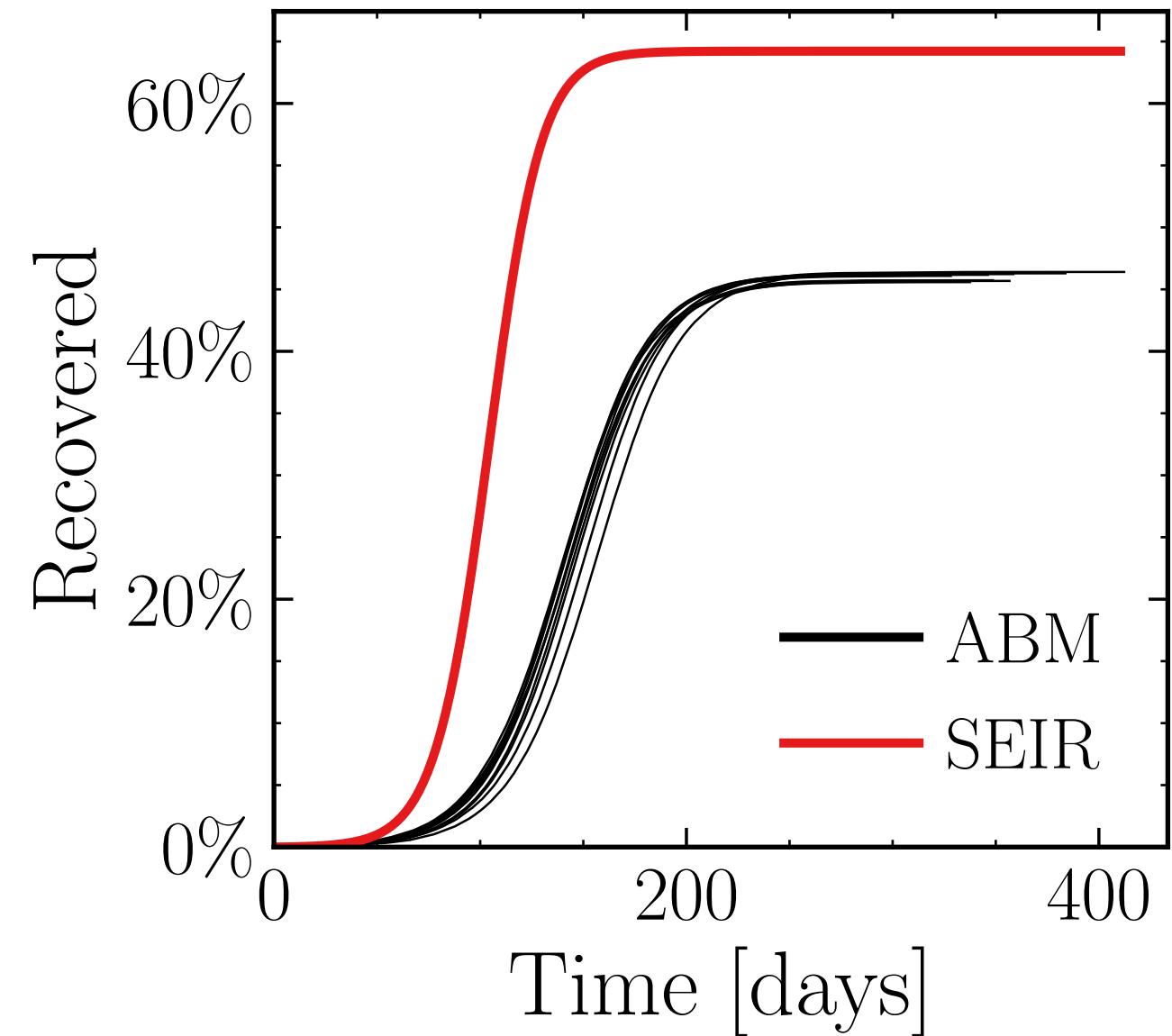
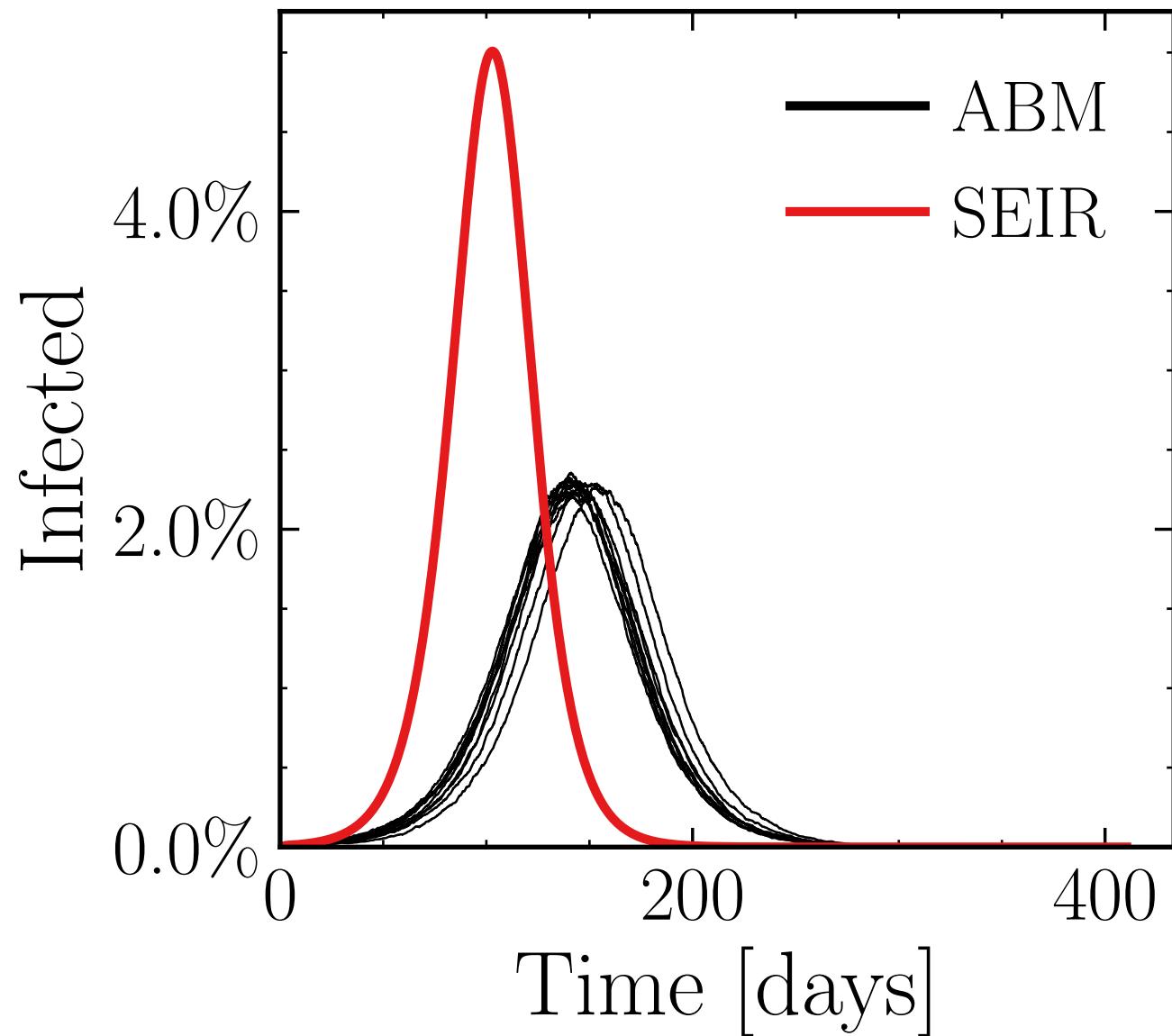
$I_{\text{peak}}^{\text{ABM}} = (57.1 \pm 0.42\%) \cdot 10^3$

v. = 1.0, hash = aac6979f86, #10

$R_{\infty}^{\text{ABM}} = (300.1 \pm 0.086\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (13.26 \pm 0.52\%) \cdot 10^3$ v. = 1.0, hash = 4ec869d119, #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, $N_{\text{init}} = 100$

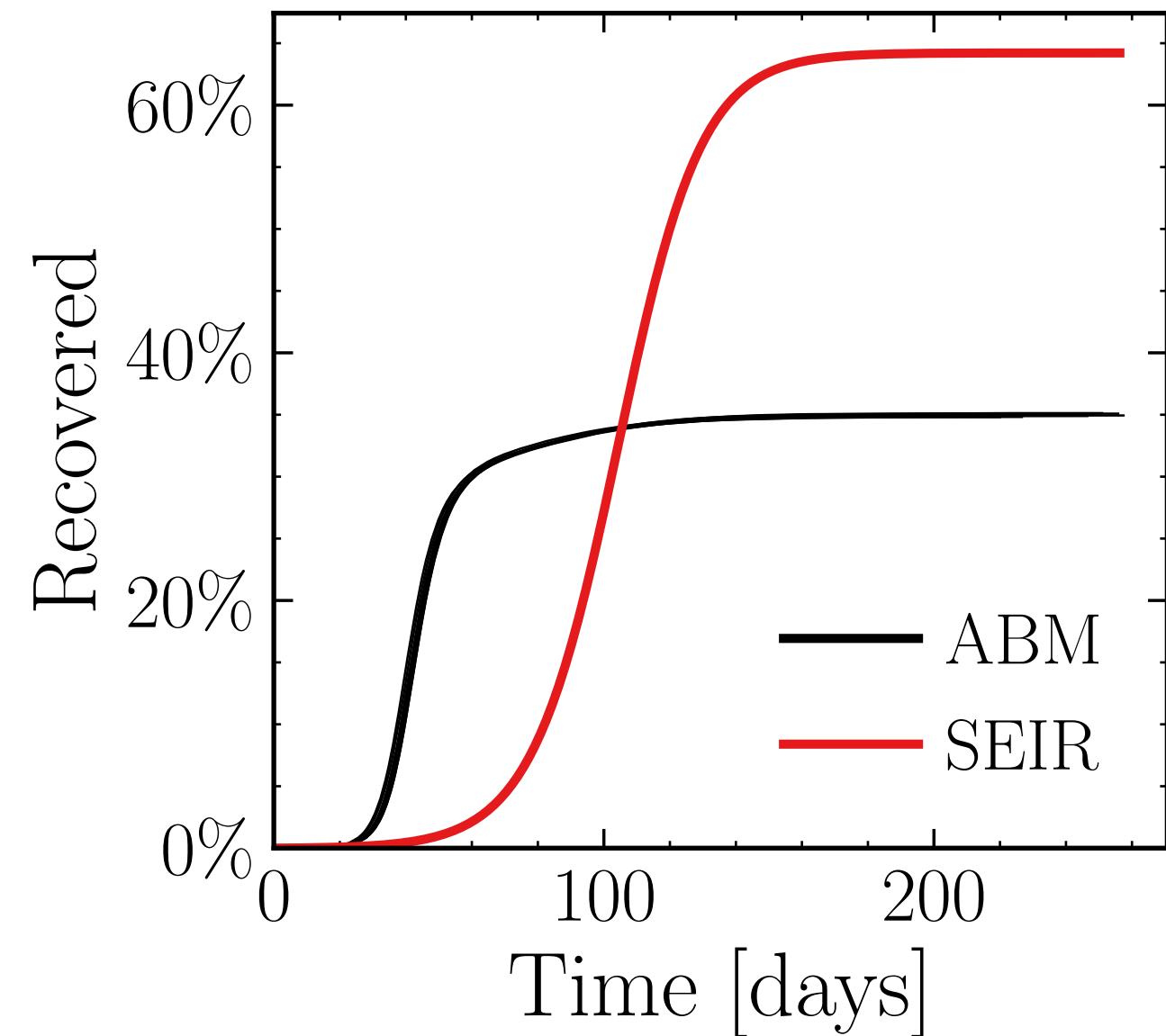
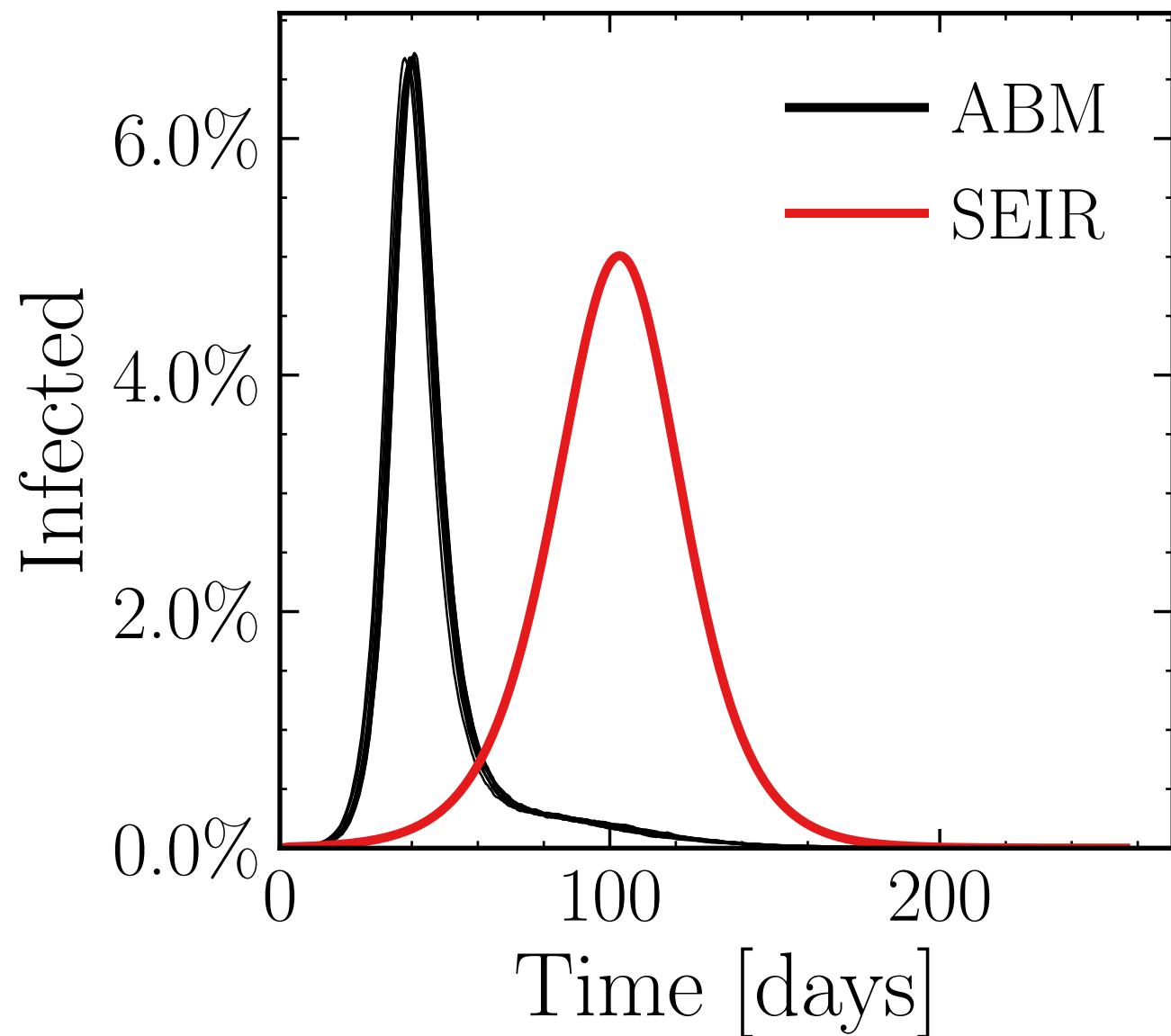
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (38.7 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = a98fb81113, #10

$R_\infty^{\text{ABM}} = (202.9 \pm 0.098\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

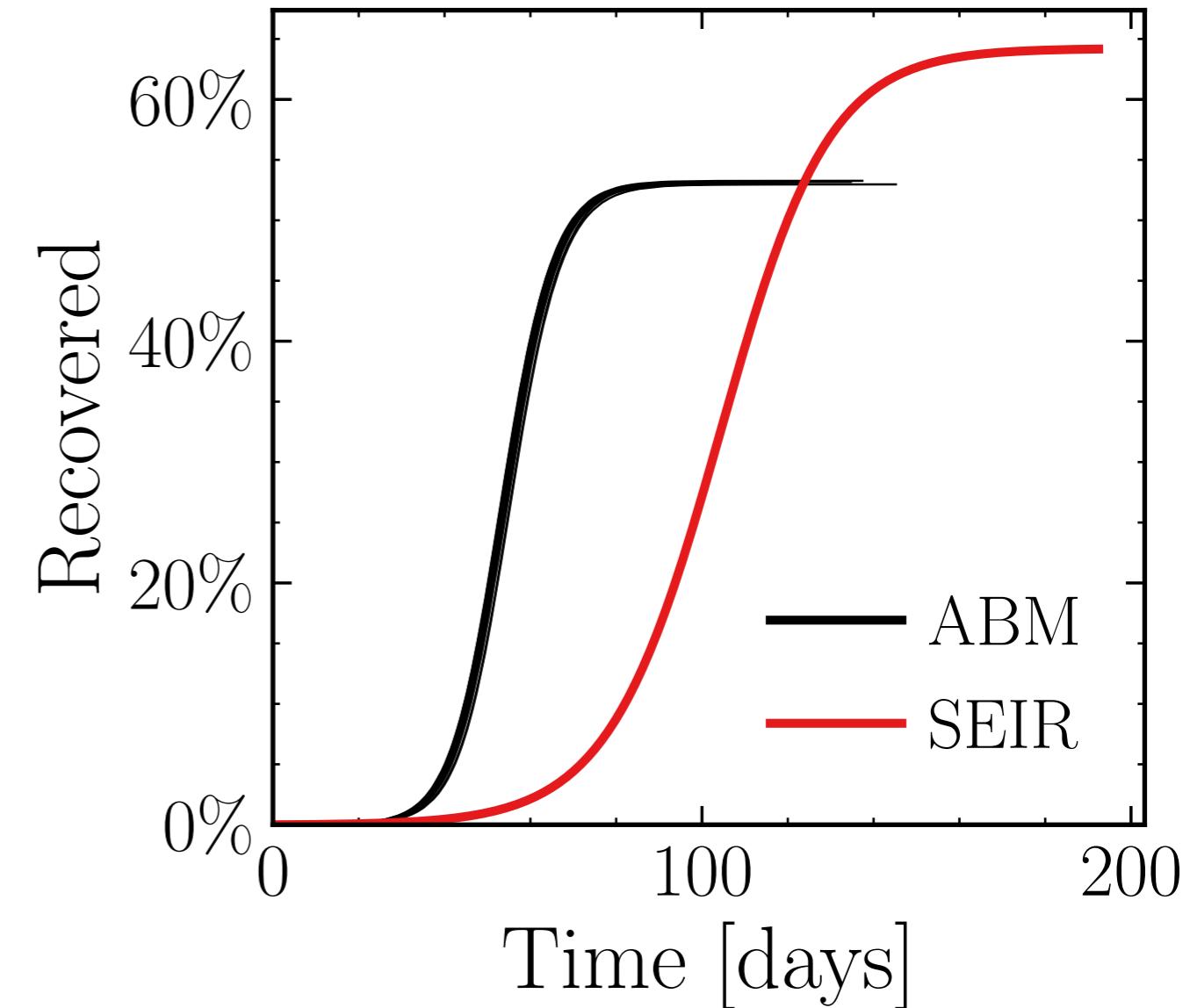
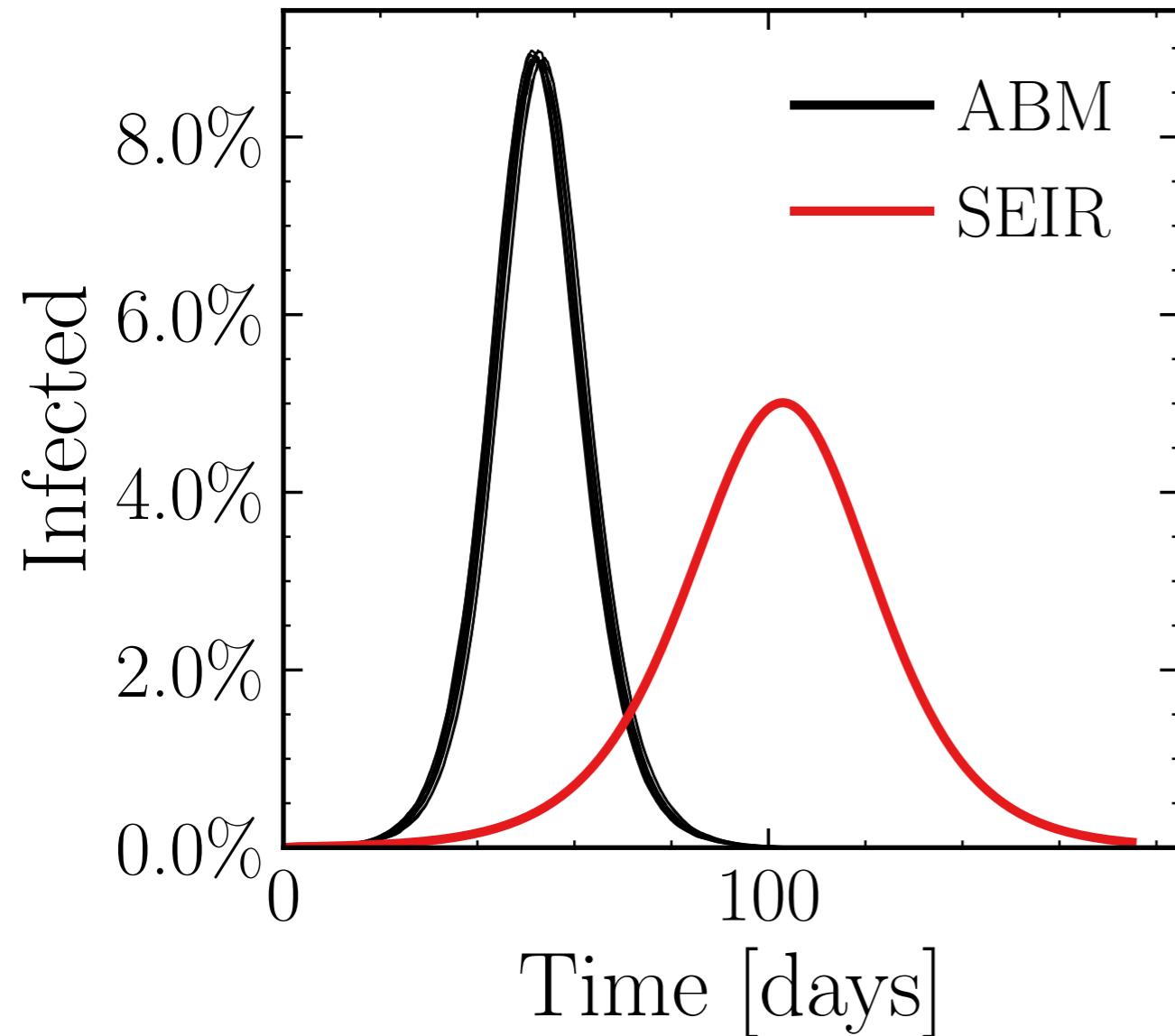
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (51.65 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = e1e9ef82be, #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, $N_{\text{init}} = 100$

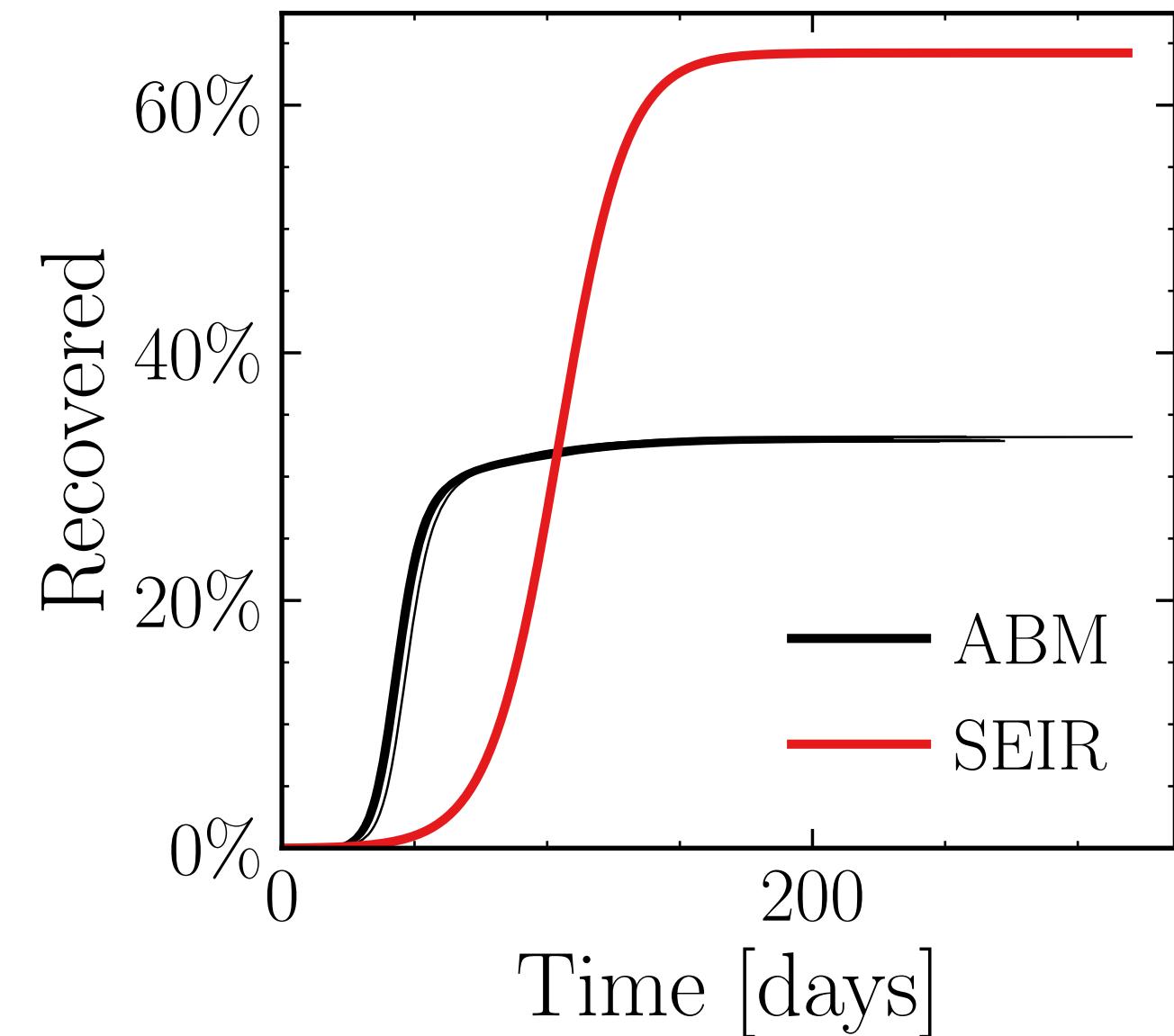
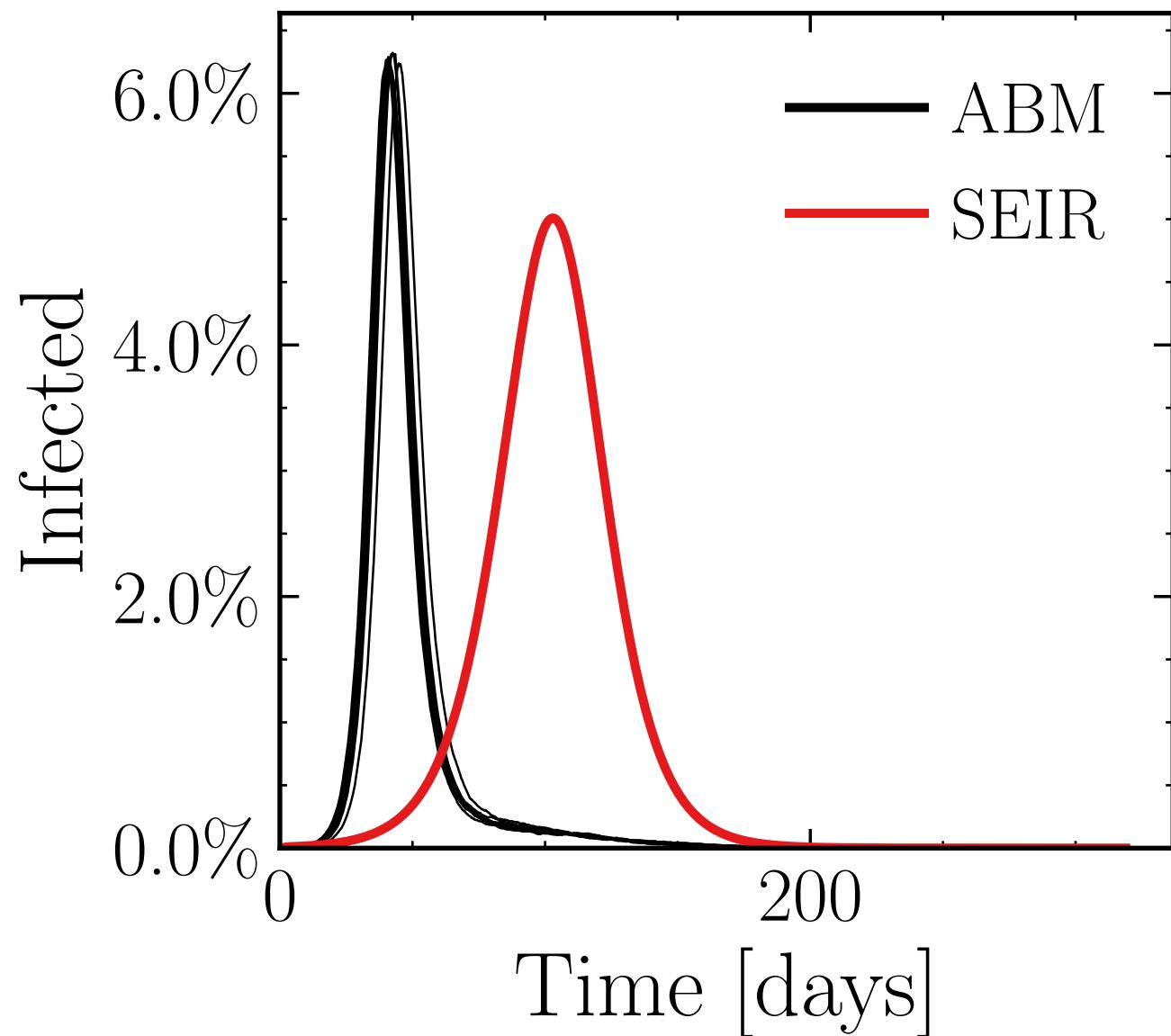
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (36.31 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 82938819f9, #10

$R_\infty^{\text{ABM}} = (191.5 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

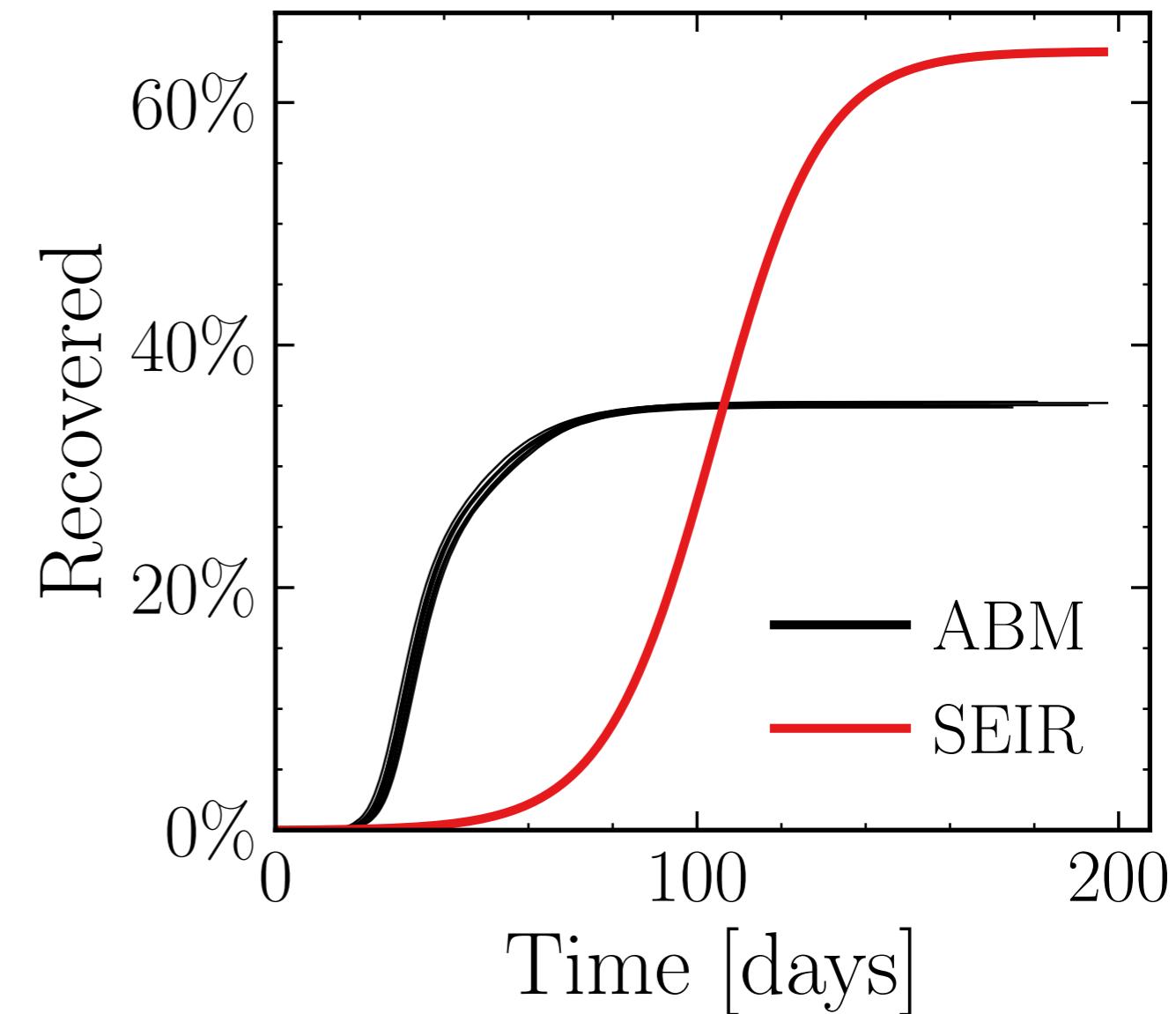
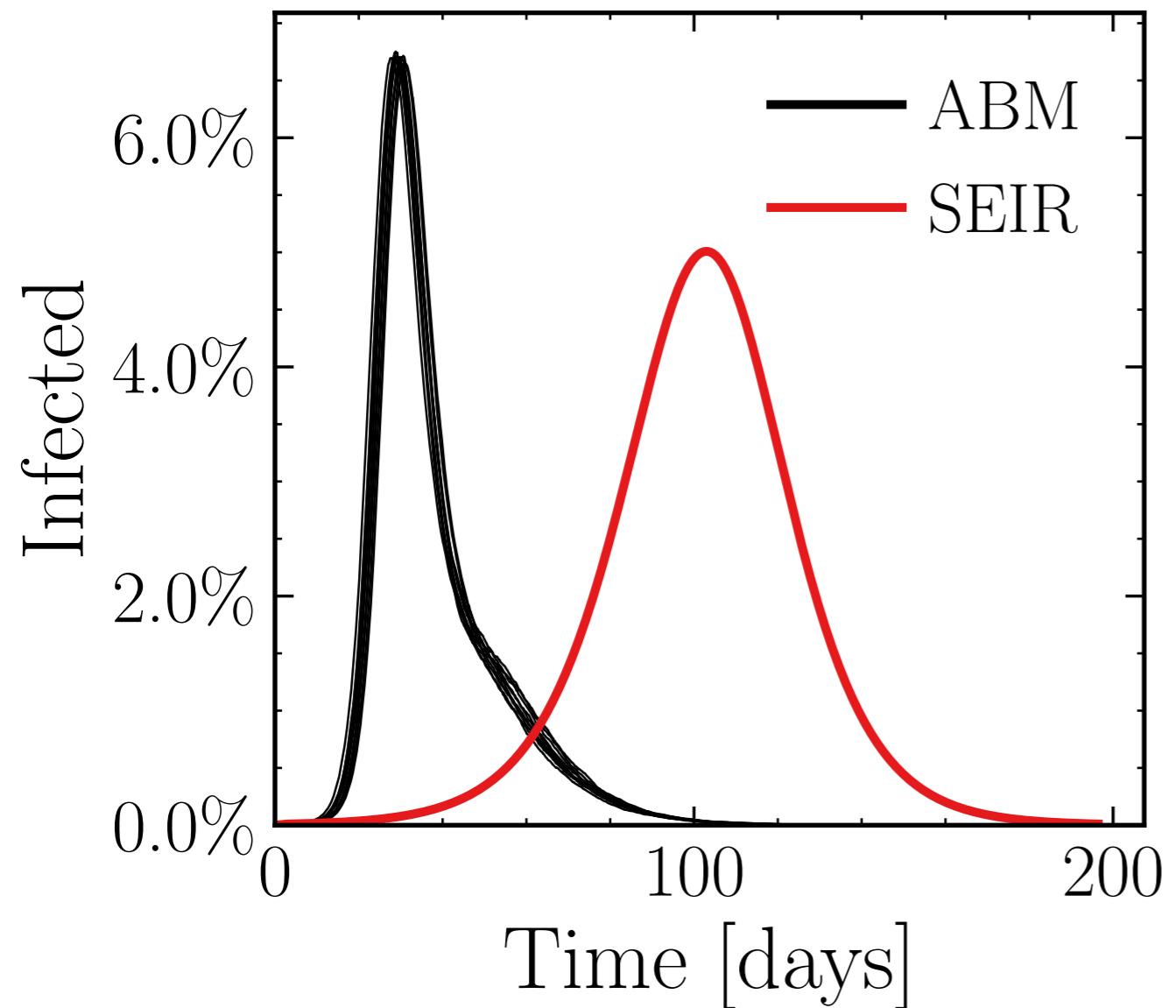
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (38.84 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = a7f198317f, #10

$R_\infty^{\text{ABM}} = (203.8 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

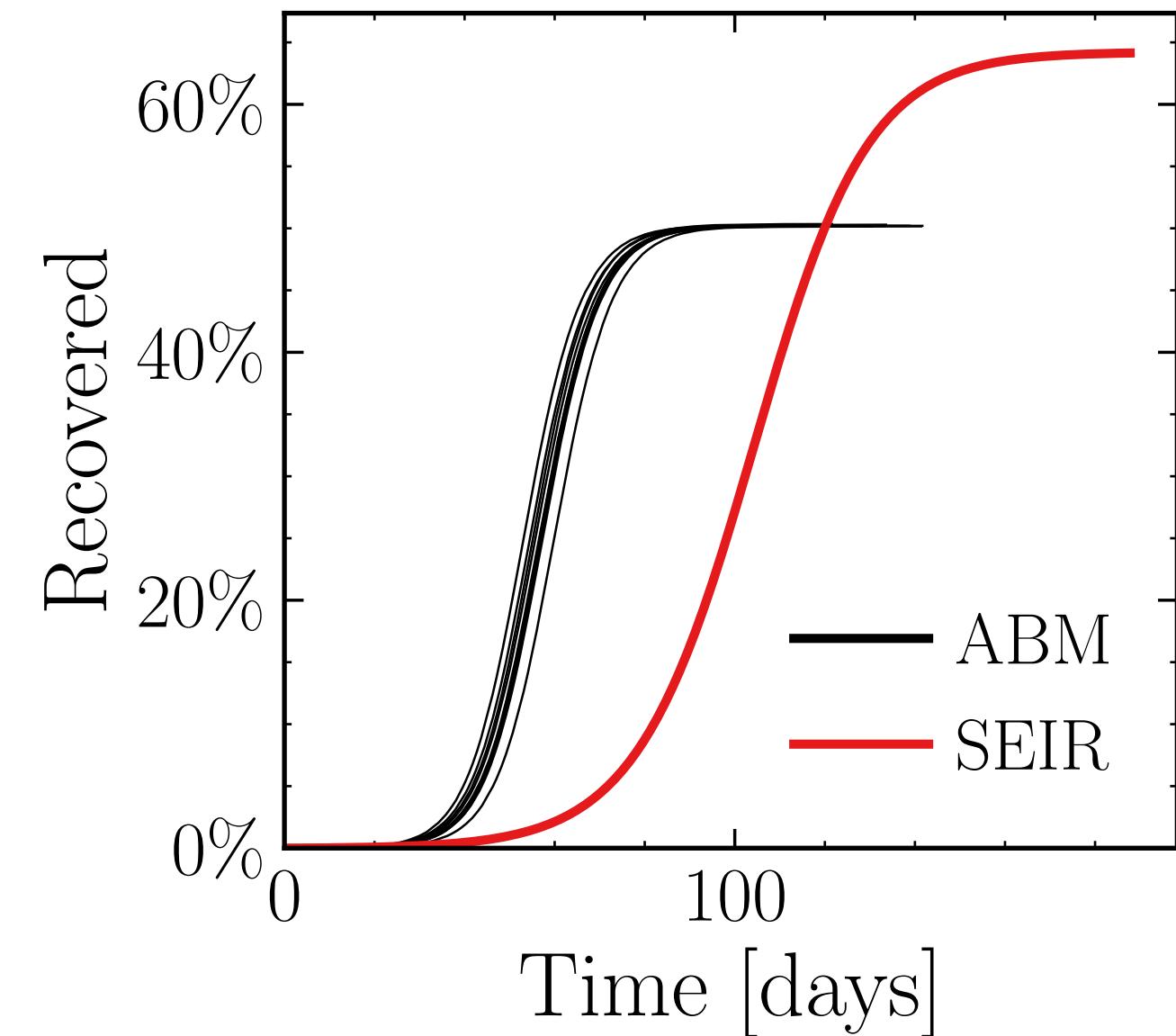
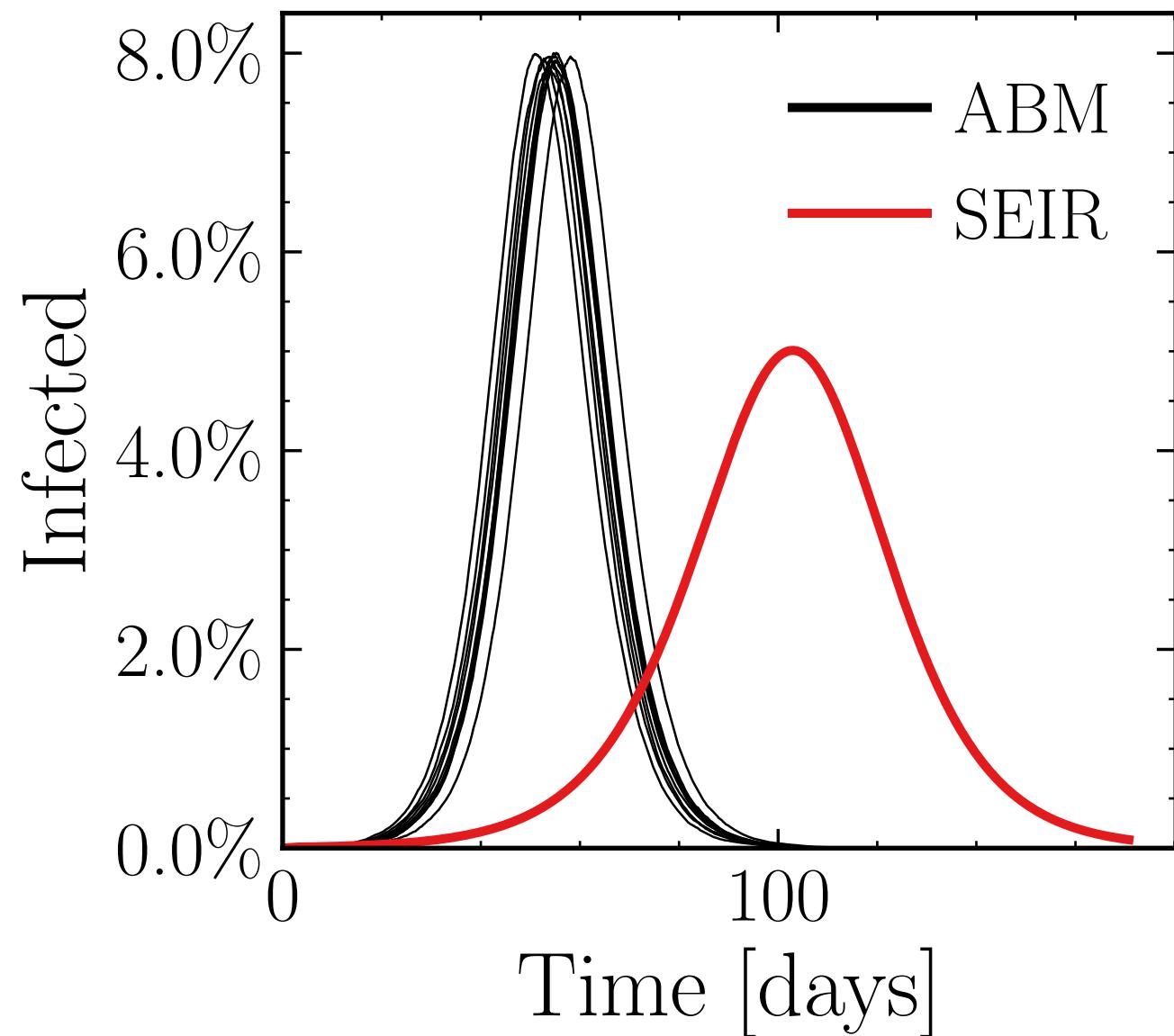
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (46.05 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 81e36cd5e9, #10

$R_\infty^{\text{ABM}} = (291.2 \pm 0.04\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

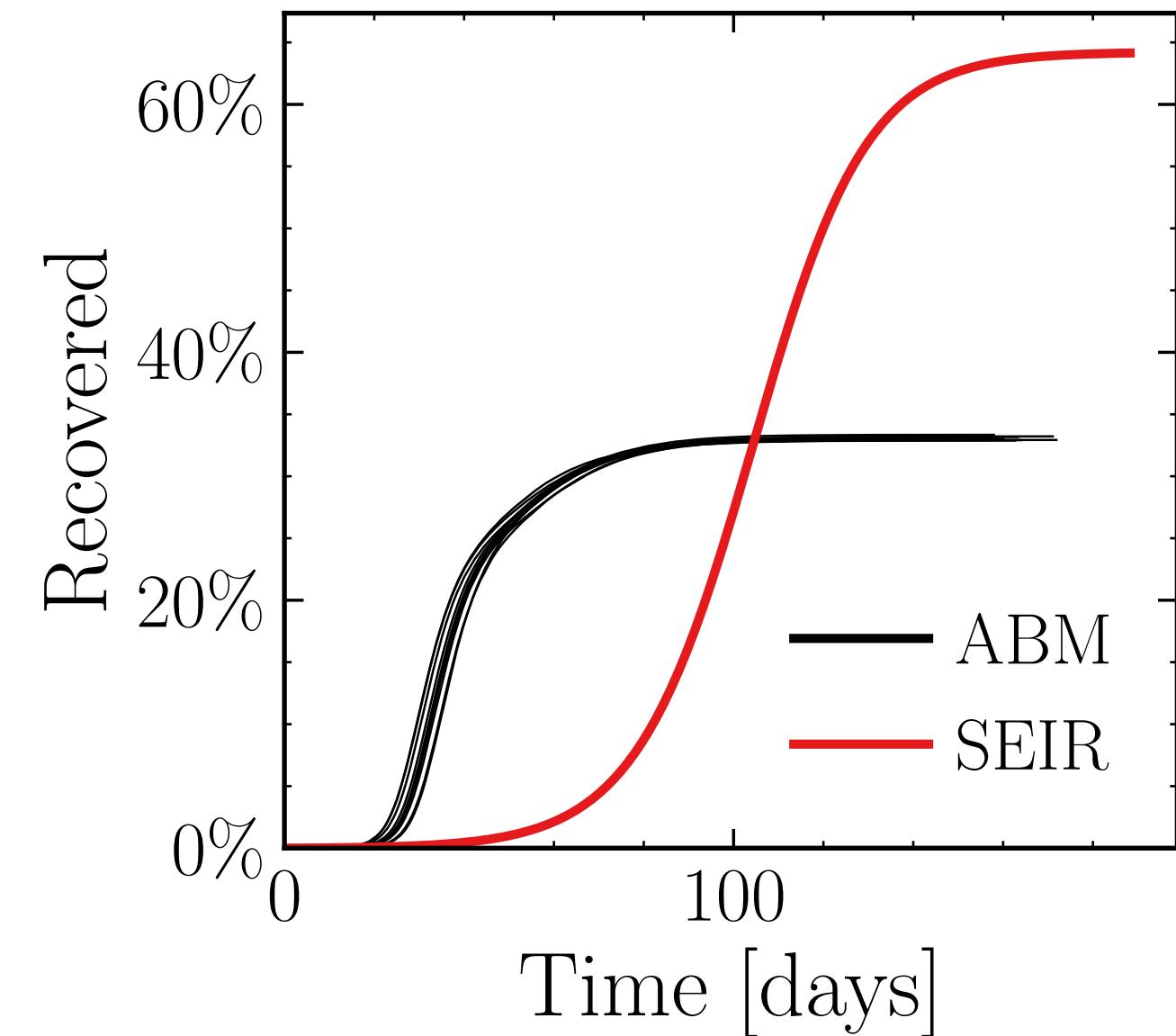
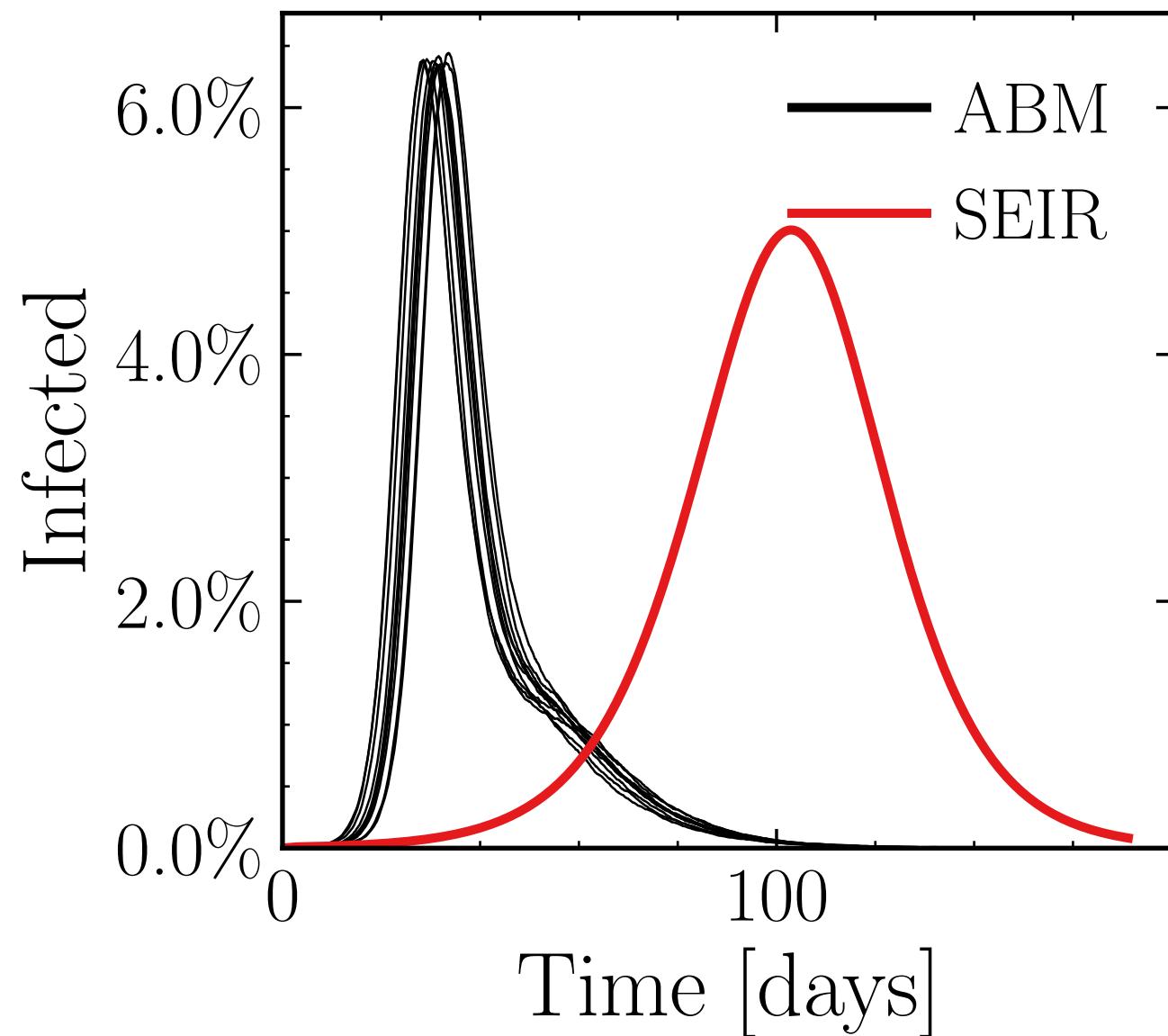
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (37.01 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = 0183a4c84f, #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, $N_{\text{init}} = 100$

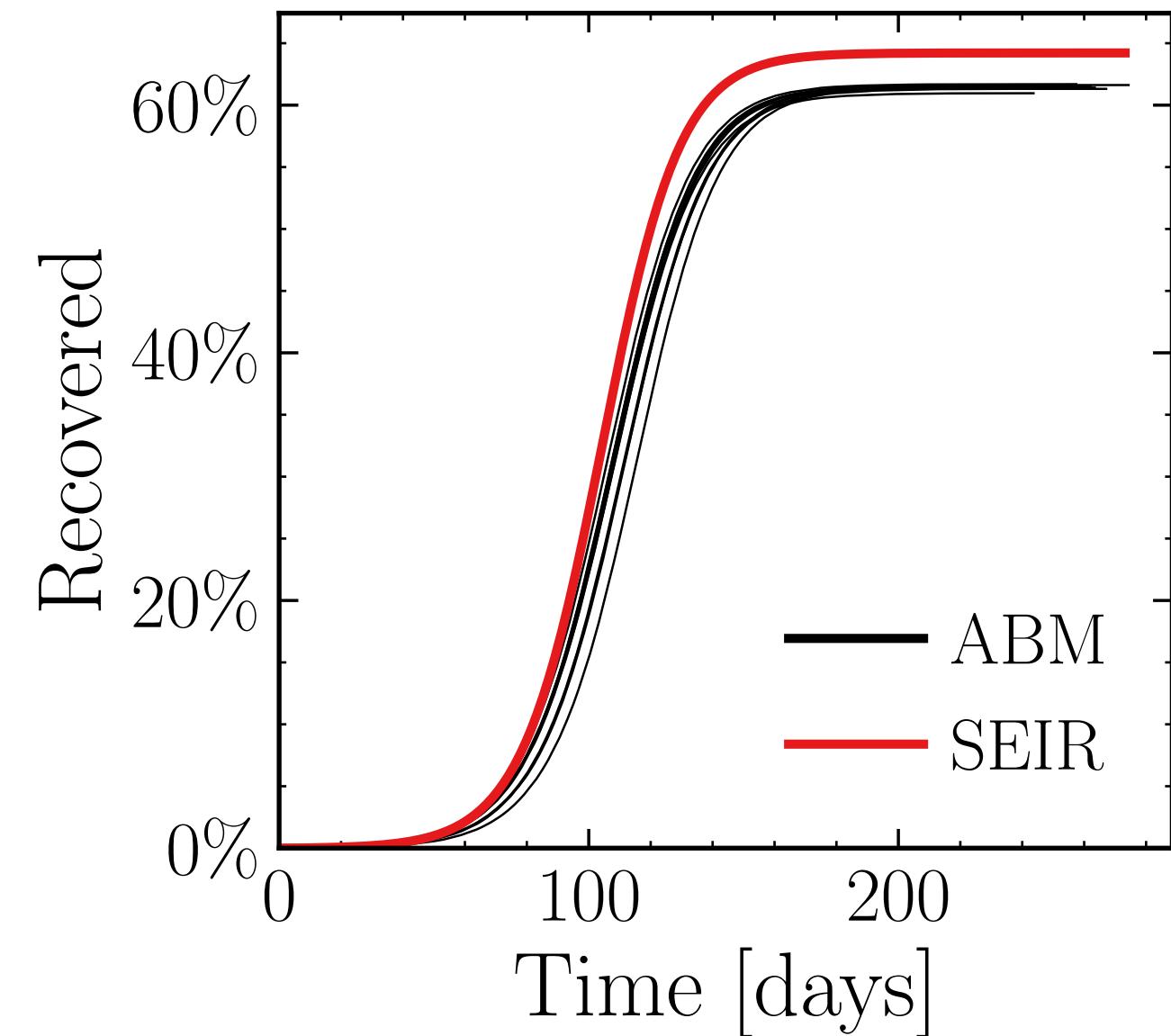
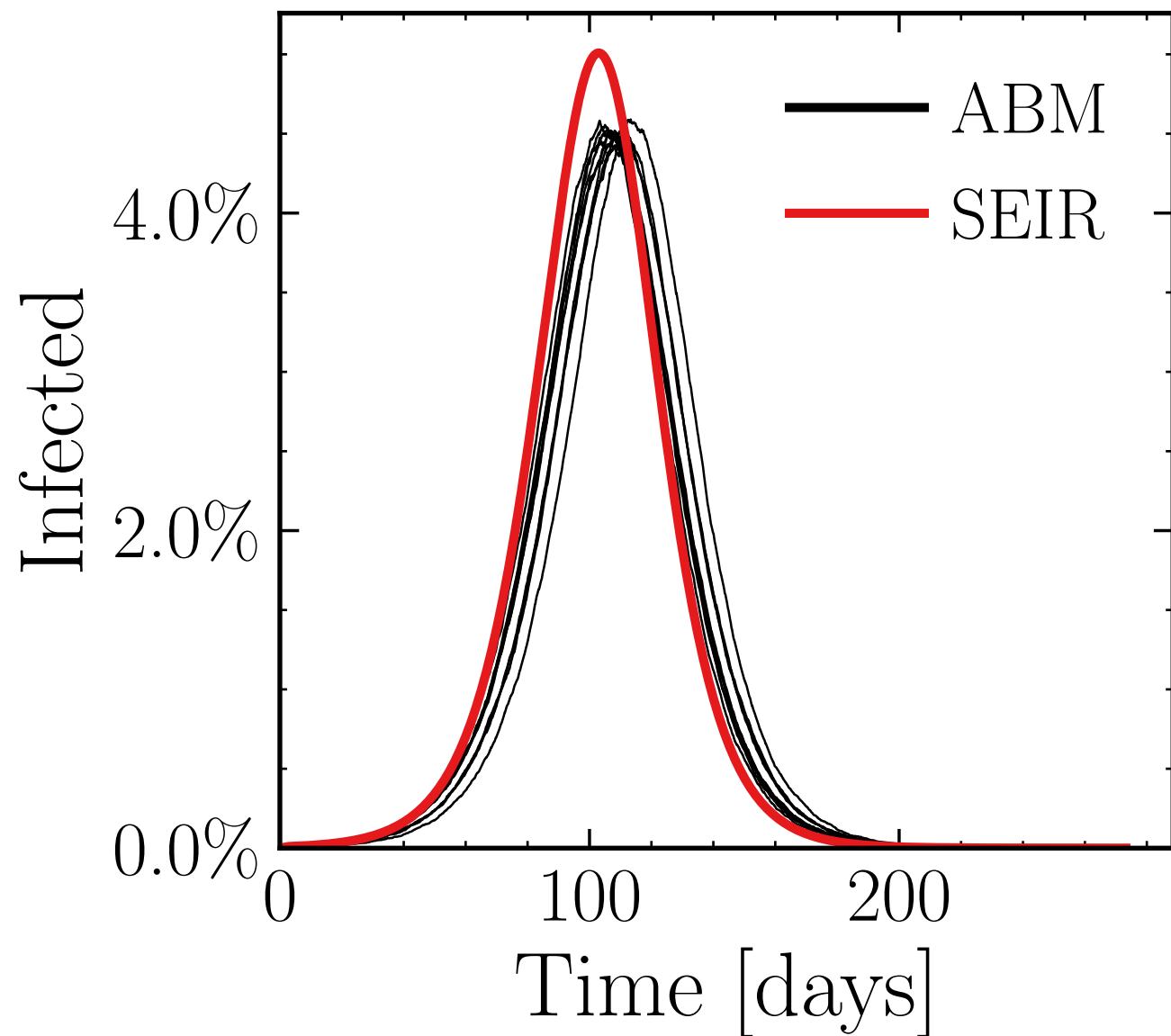
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (26.19 \pm 0.32\%) \cdot 10^3$

v. = 1.0, hash = de322cee1e, #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, $N_{\text{init}} = 100$

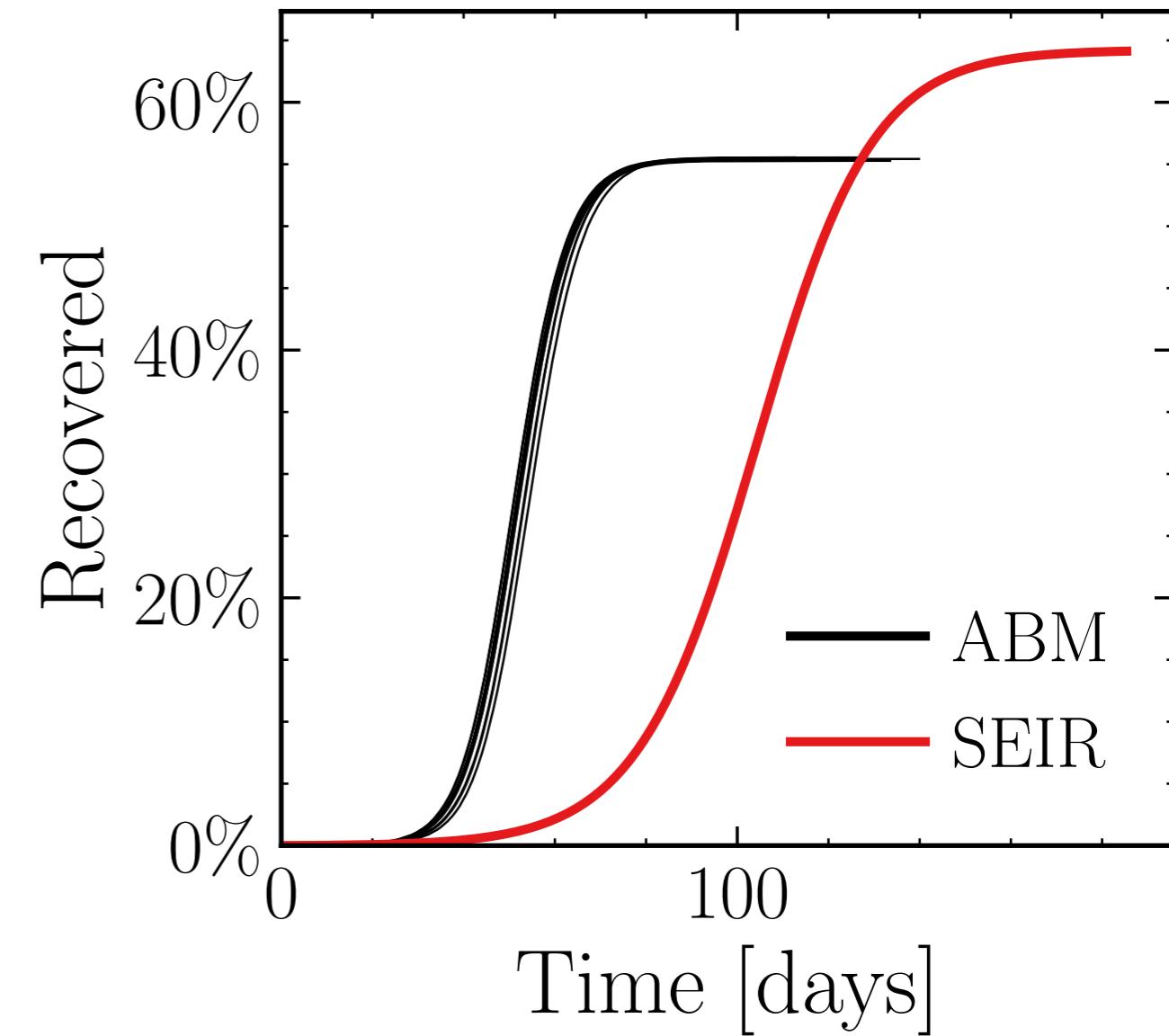
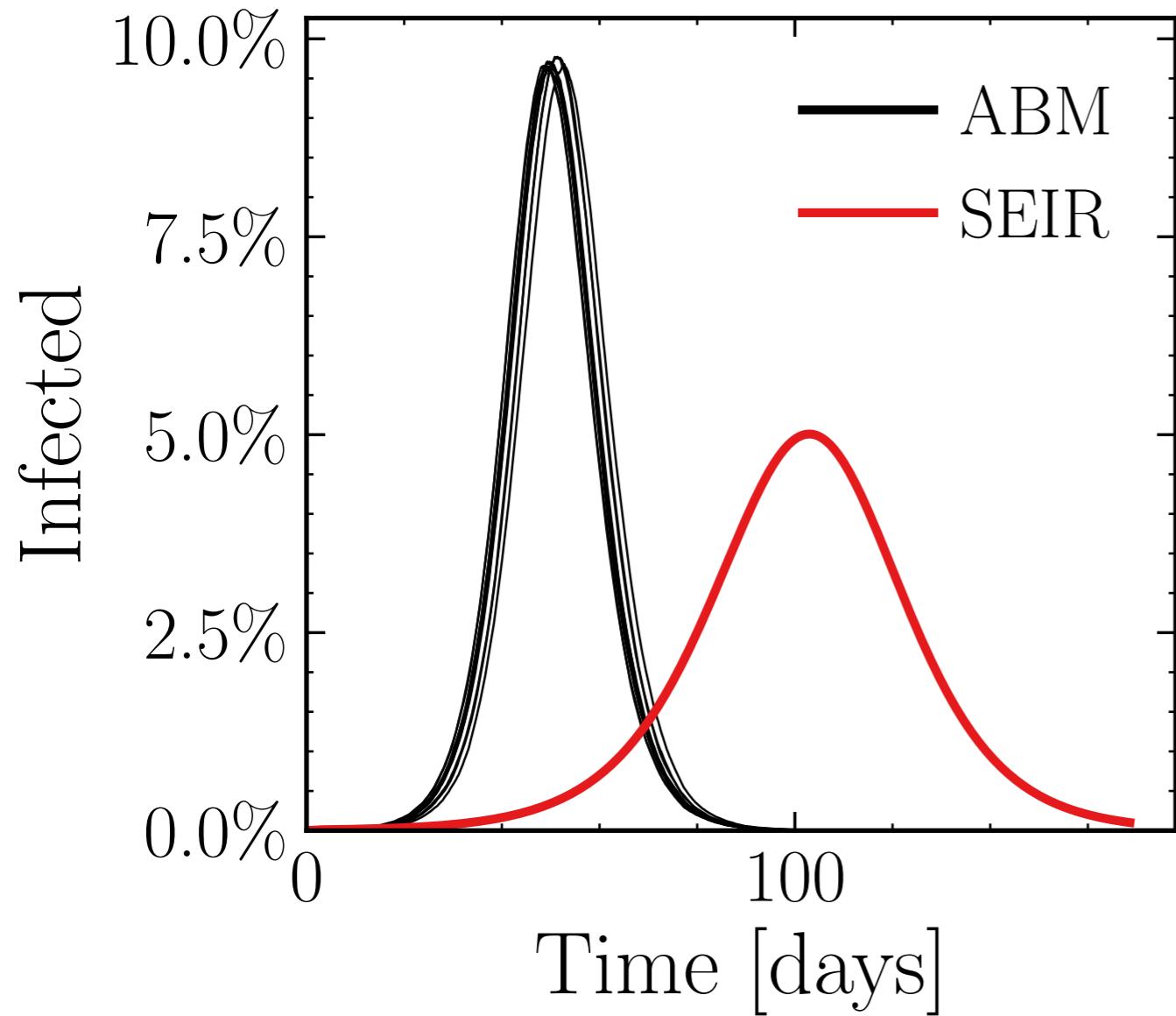
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (56.19 \pm 0.16\%) \cdot 10^3$

v. = 1.0, hash = 4937a2a94e, #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, $N_{\text{init}} = 100$

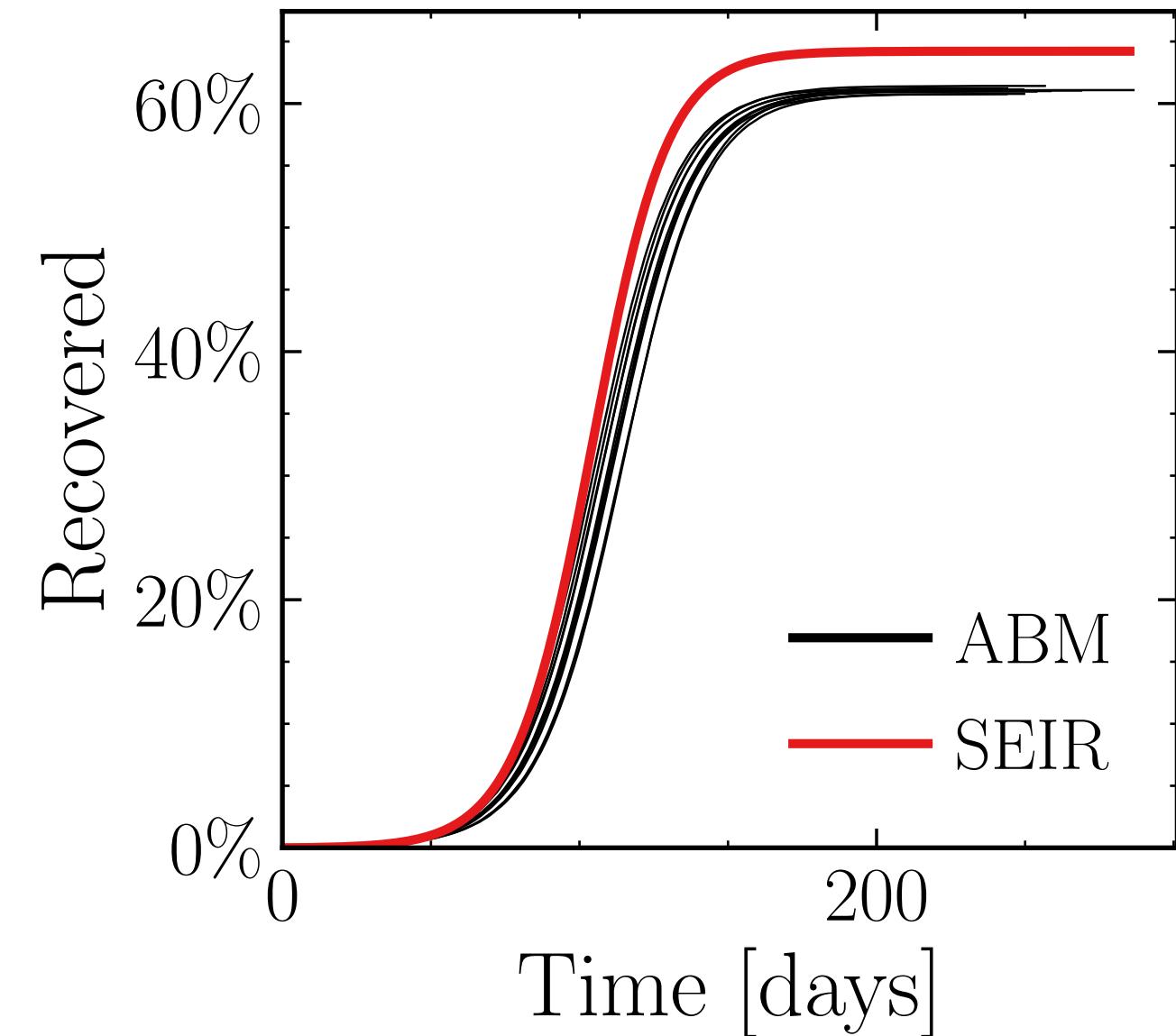
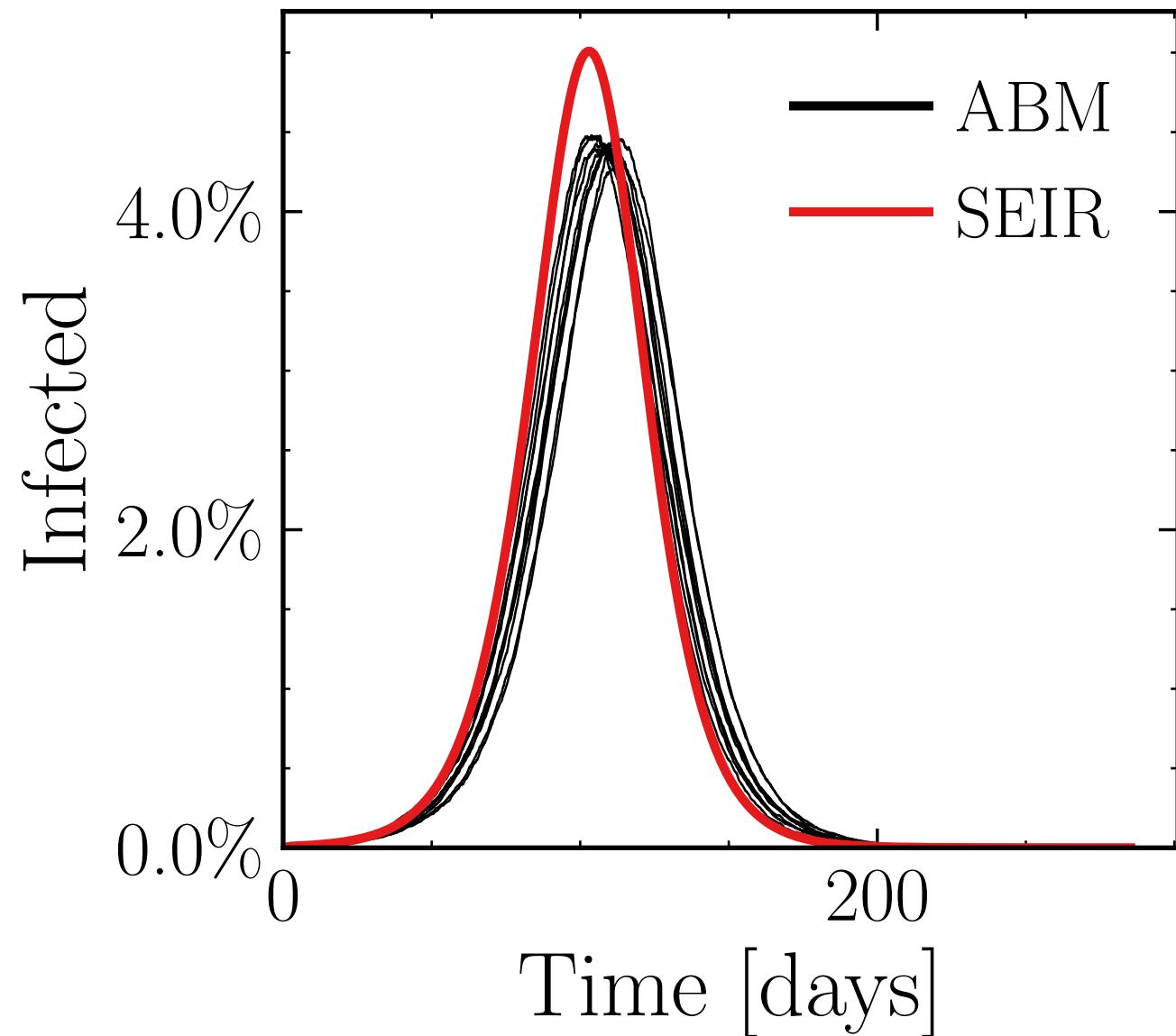
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (25.64 \pm 0.34\%) \cdot 10^3$

v. = 1.0, hash = f3175e0829, #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, $N_{\text{init}} = 100$

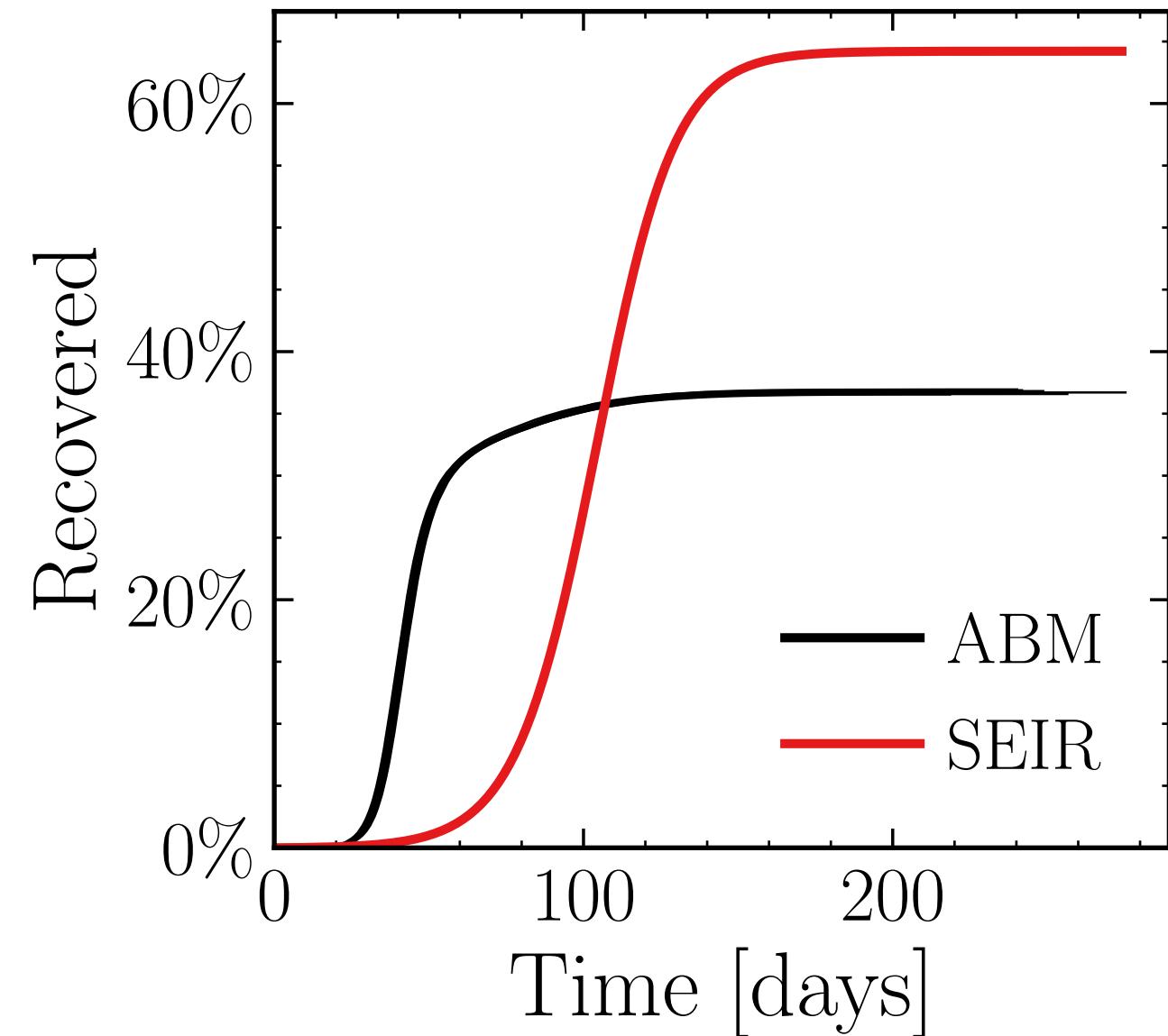
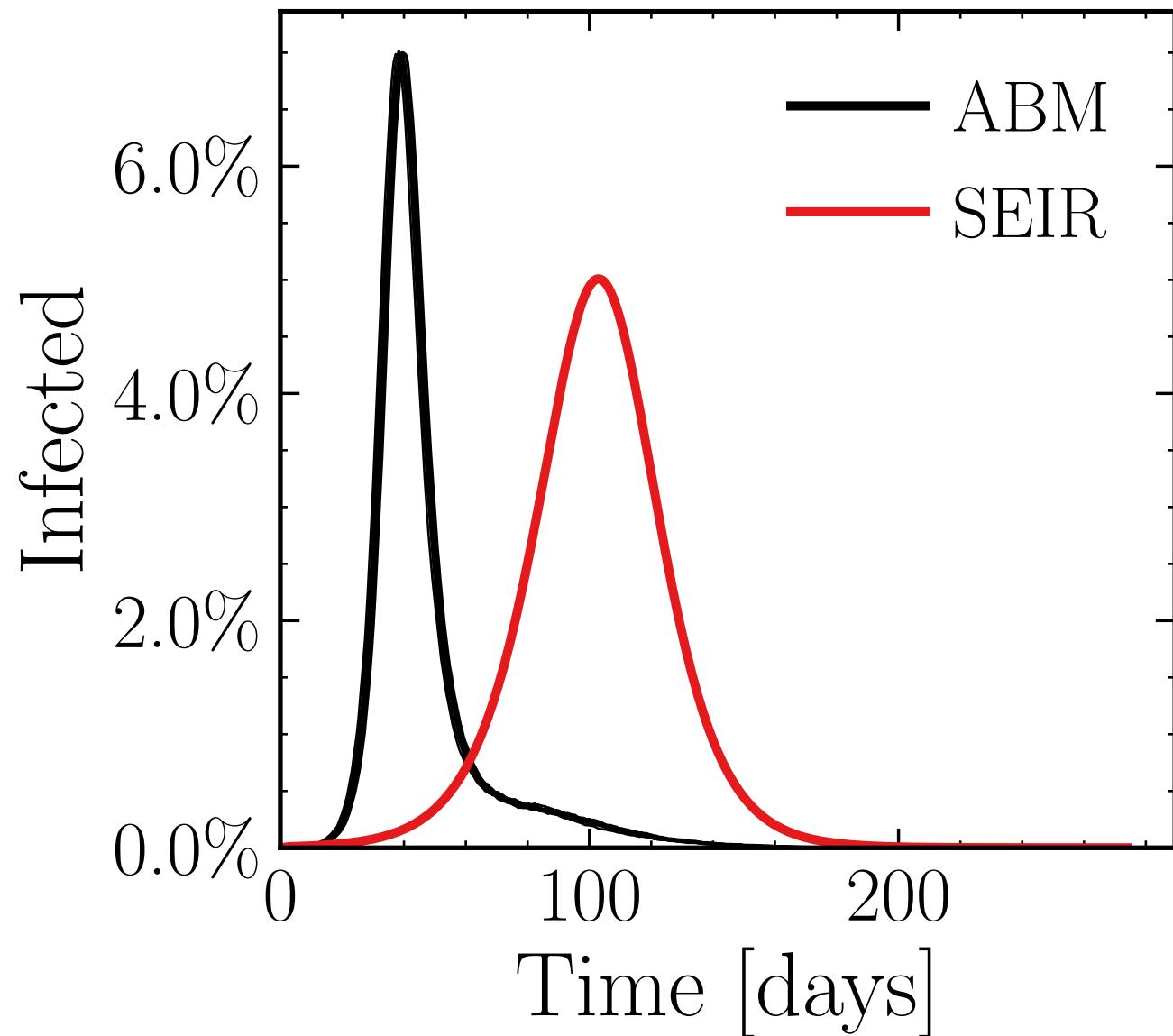
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.51 \pm 0.088\%) \cdot 10^3$

v. = 1.0, hash = 23d70785a8, #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, $N_{\text{init}} = 100$

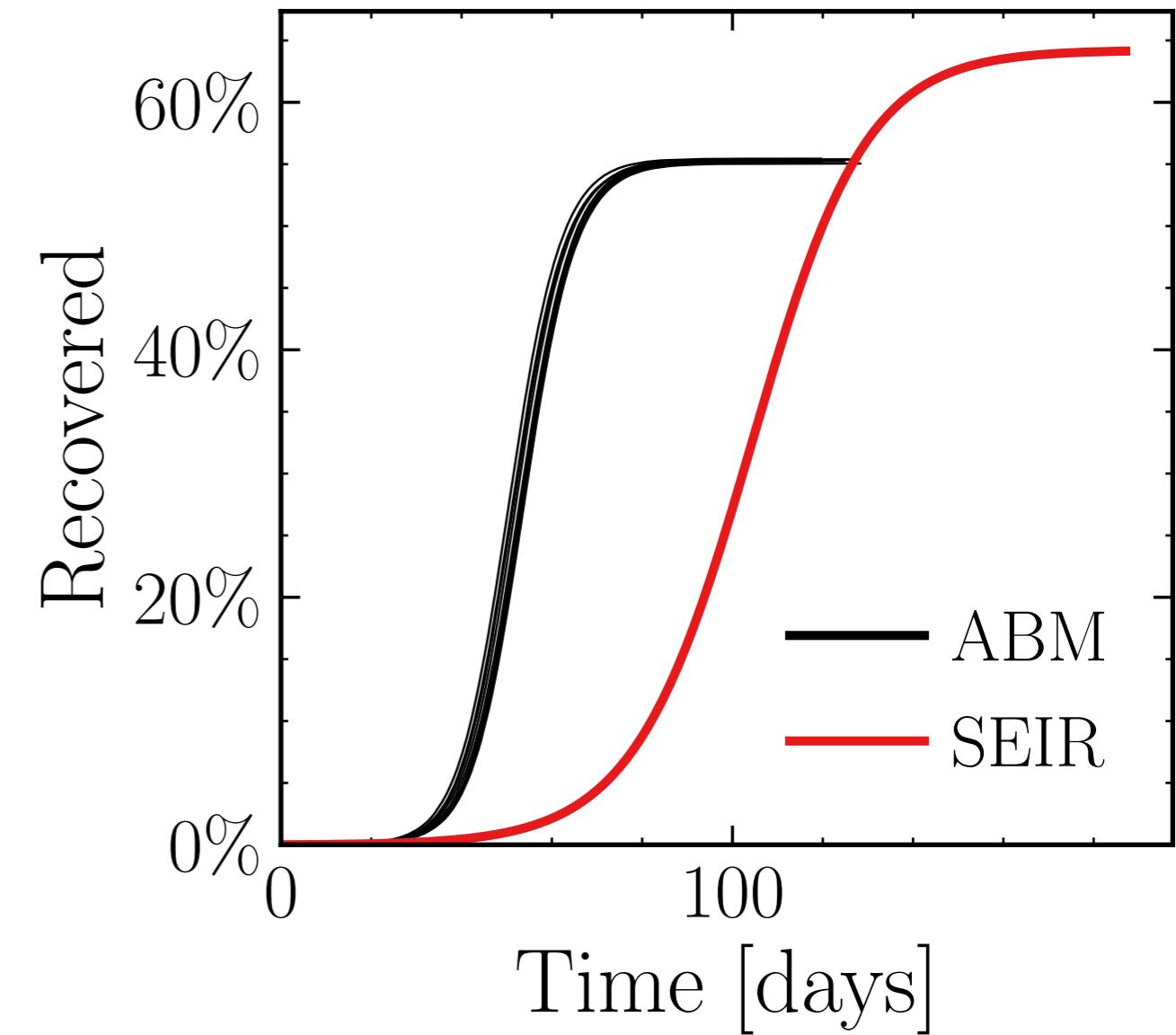
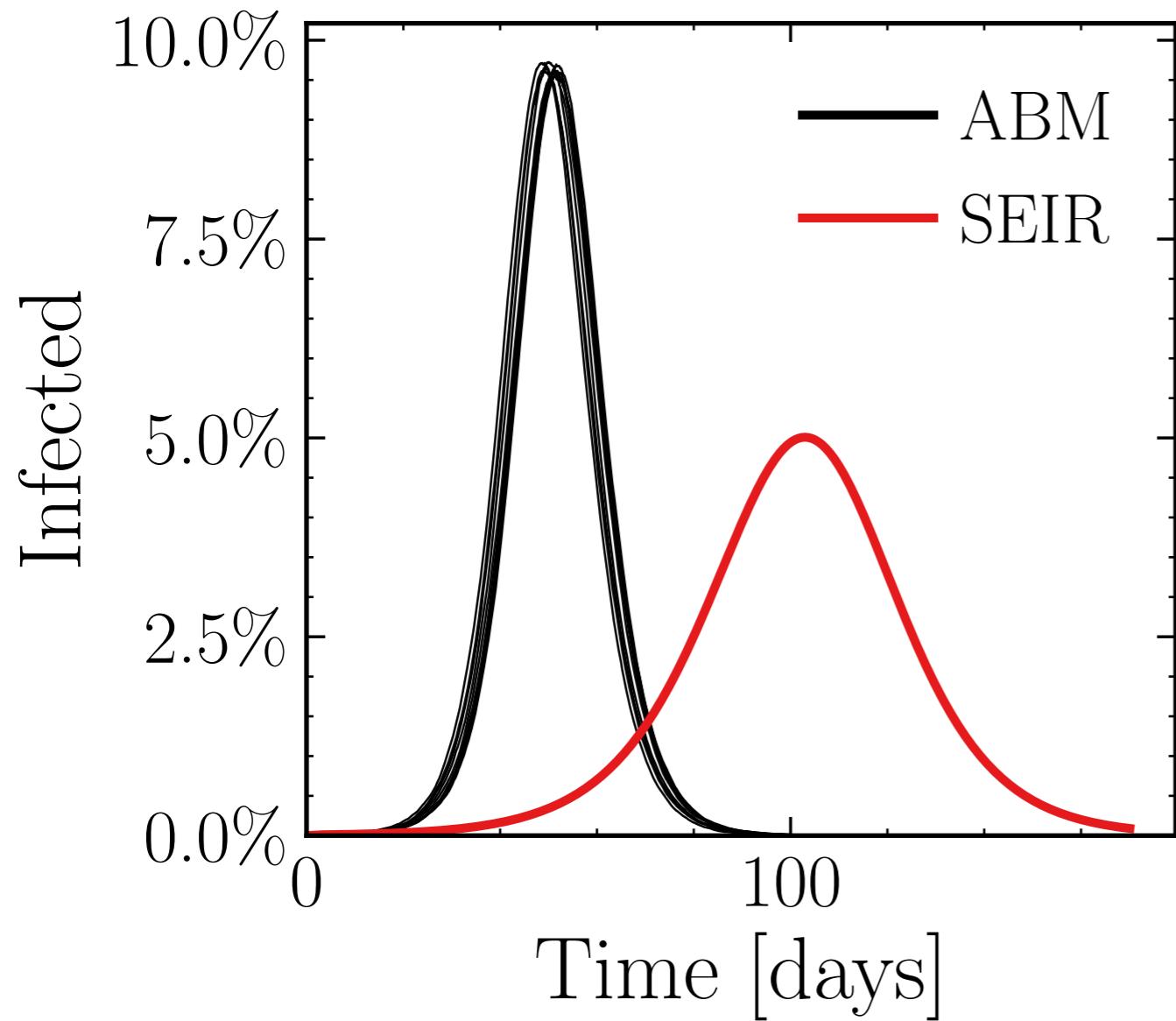
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (55.9 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 89b5d2973e, #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, $N_{\text{init}} = 100$

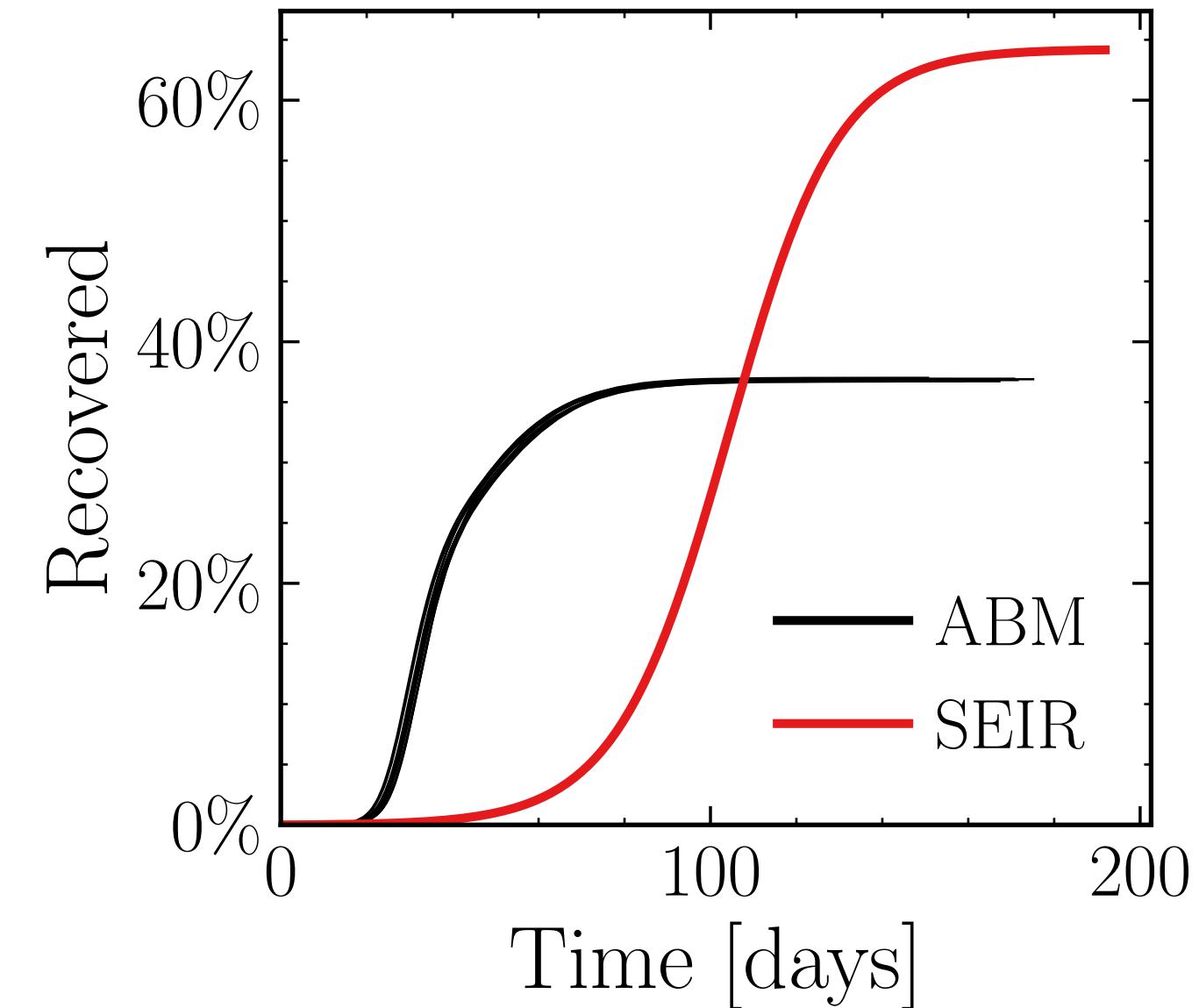
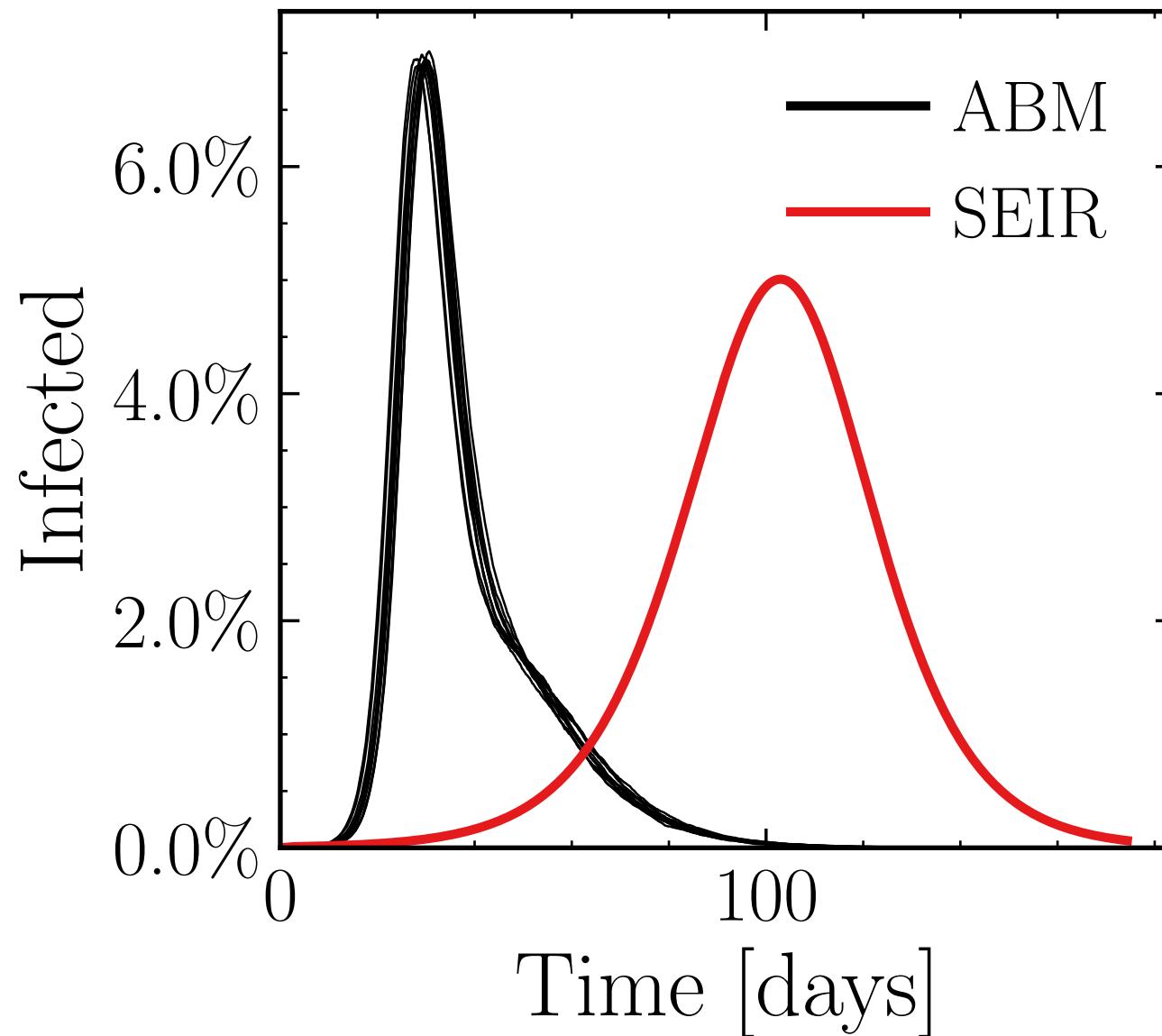
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

$N_{\text{events}} = 0$, event_{sizepeak} = 0, event_{sizemean} = 50.0, event _{β scaling} = 10.0, event_{weekendmultiplier} = 1.0

$I_{\text{peak}}^{\text{ABM}} = (40.22 \pm 0.18\%) \cdot 10^3$

v. = 1.0, hash = 3209617466, #10

$R_\infty^{\text{ABM}} = (213.8 \pm 0.074\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$, algo = 2, $N_{\text{init}} = 100$

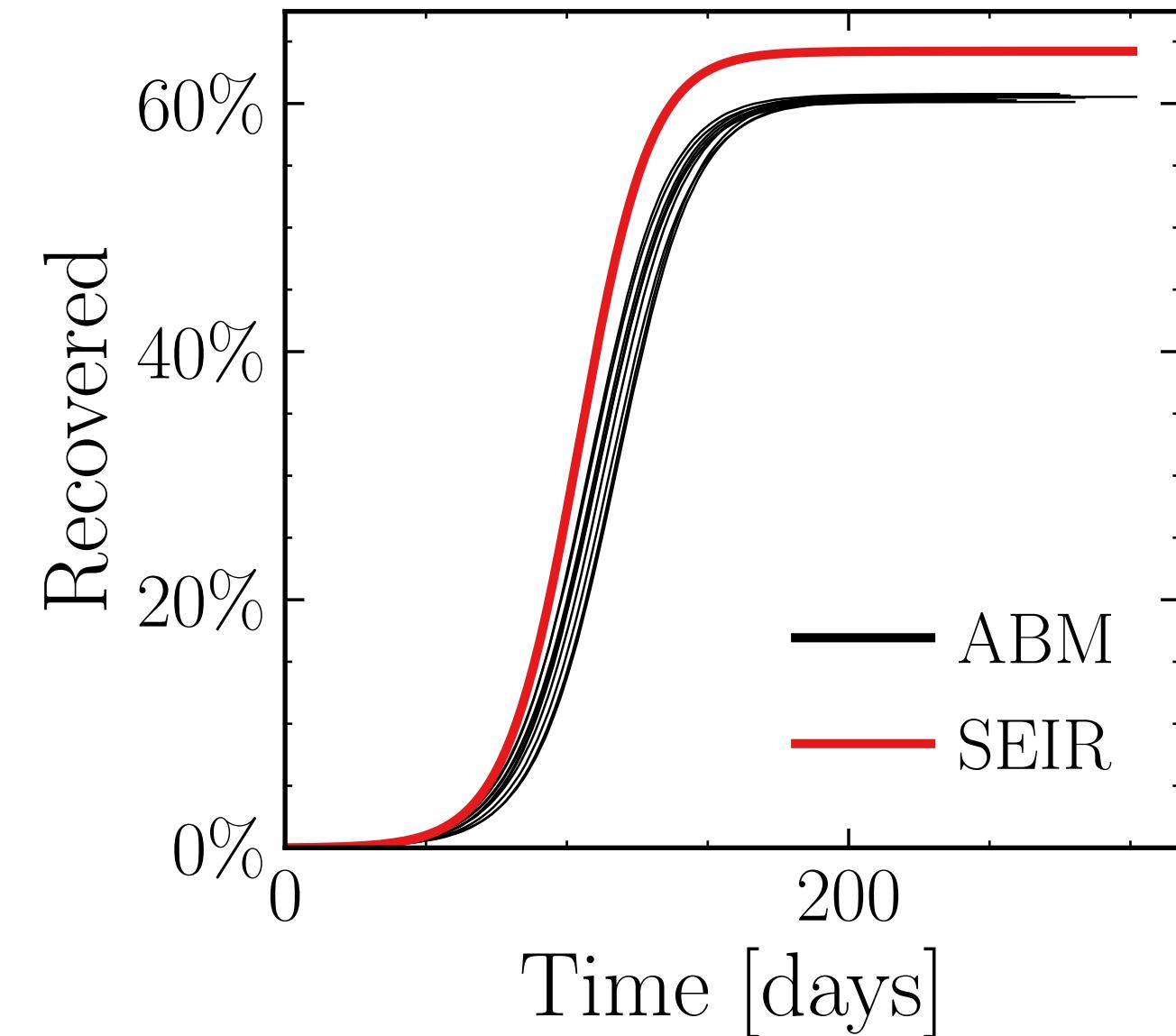
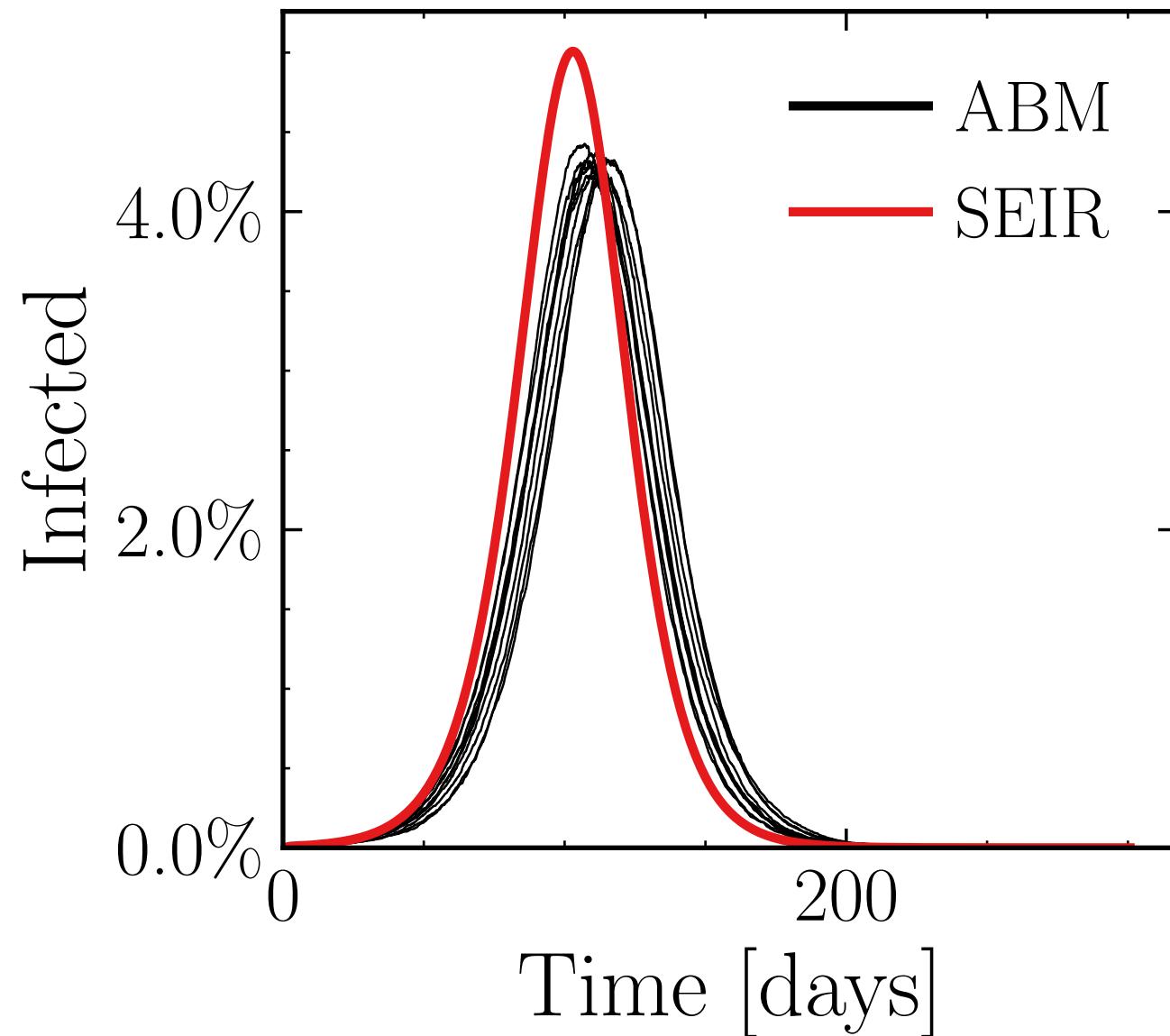
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (25 \pm 0.43\%) \cdot 10^3$

v. = 1.0, hash = 27124f1f19, #10

$R_{\infty}^{\text{ABM}} = (350.8 \pm 0.097\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$, algo = 2, $N_{\text{init}} = 100$

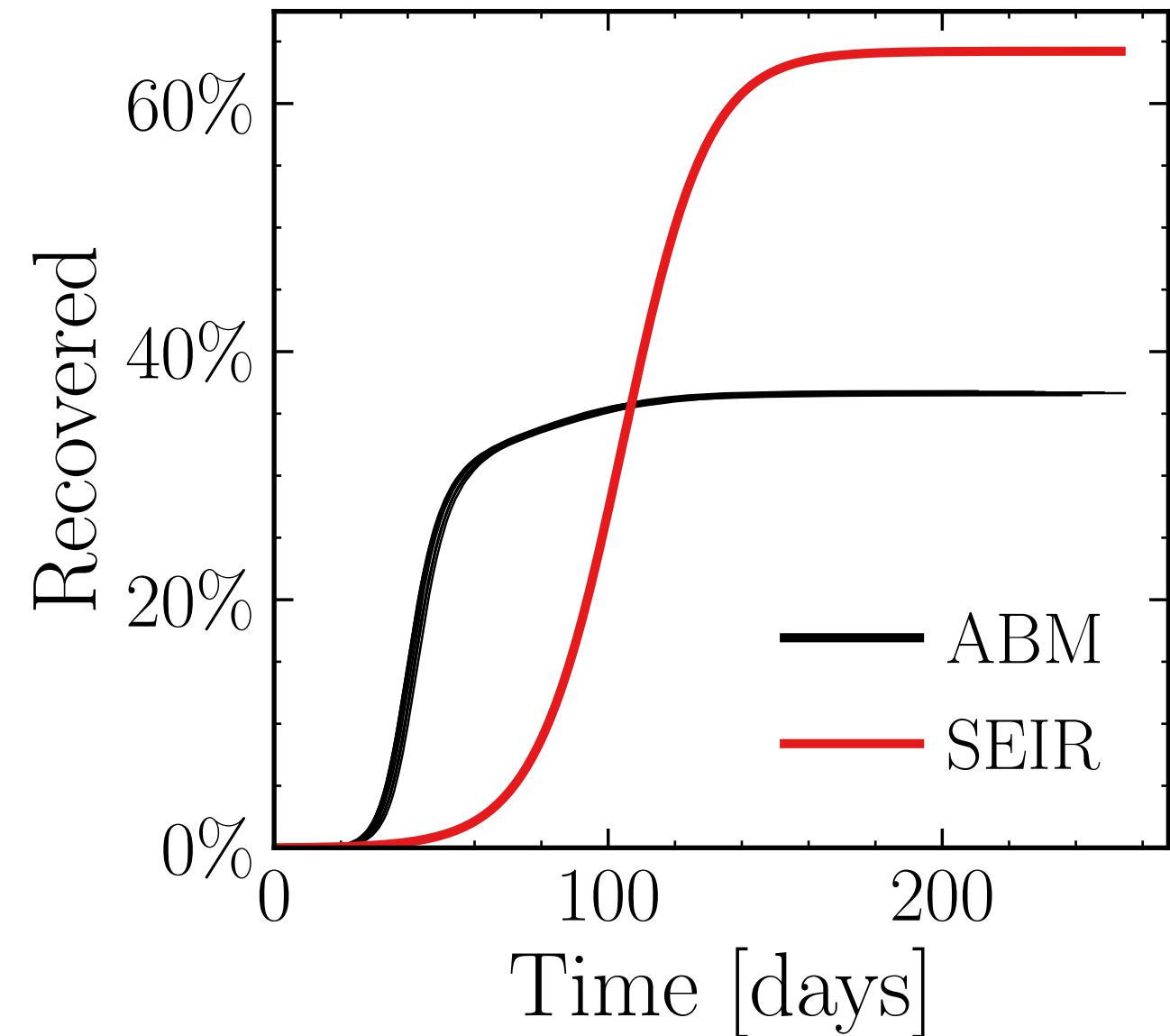
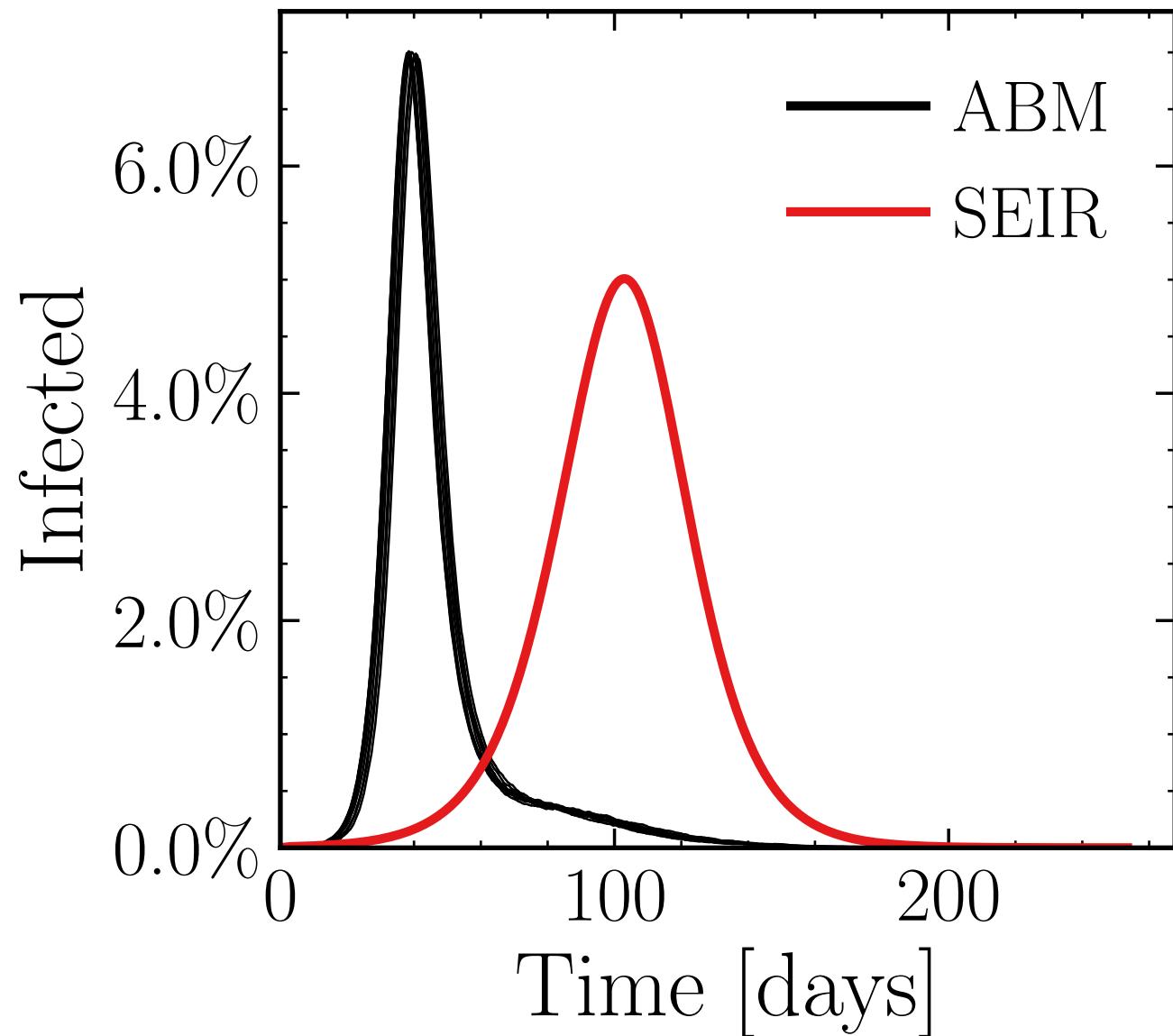
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.44 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = a6a4ae5dde, #10

$R_\infty^{\text{ABM}} = (212.7 \pm 0.078\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$, algo = 2, $N_{\text{init}} = 100$

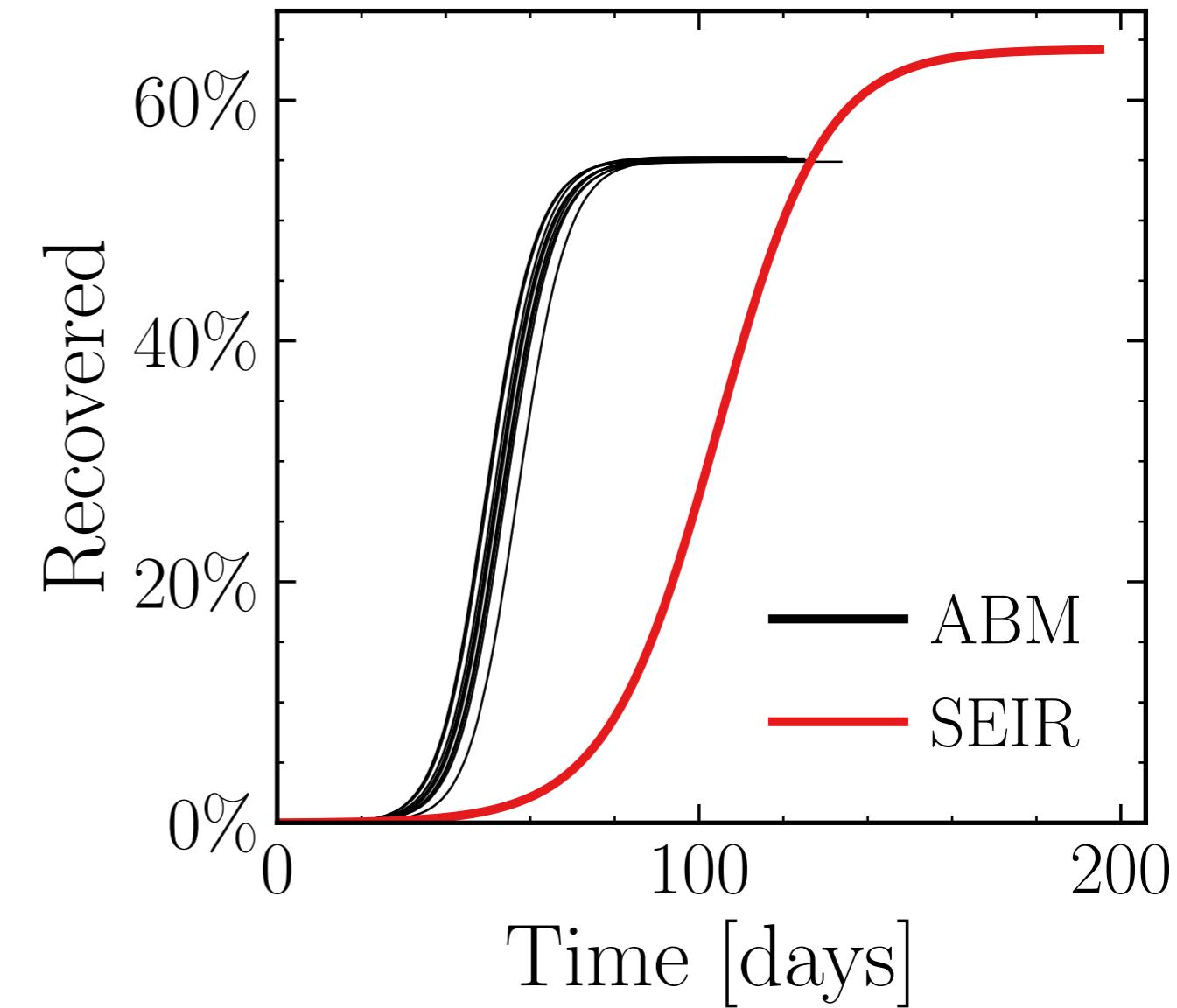
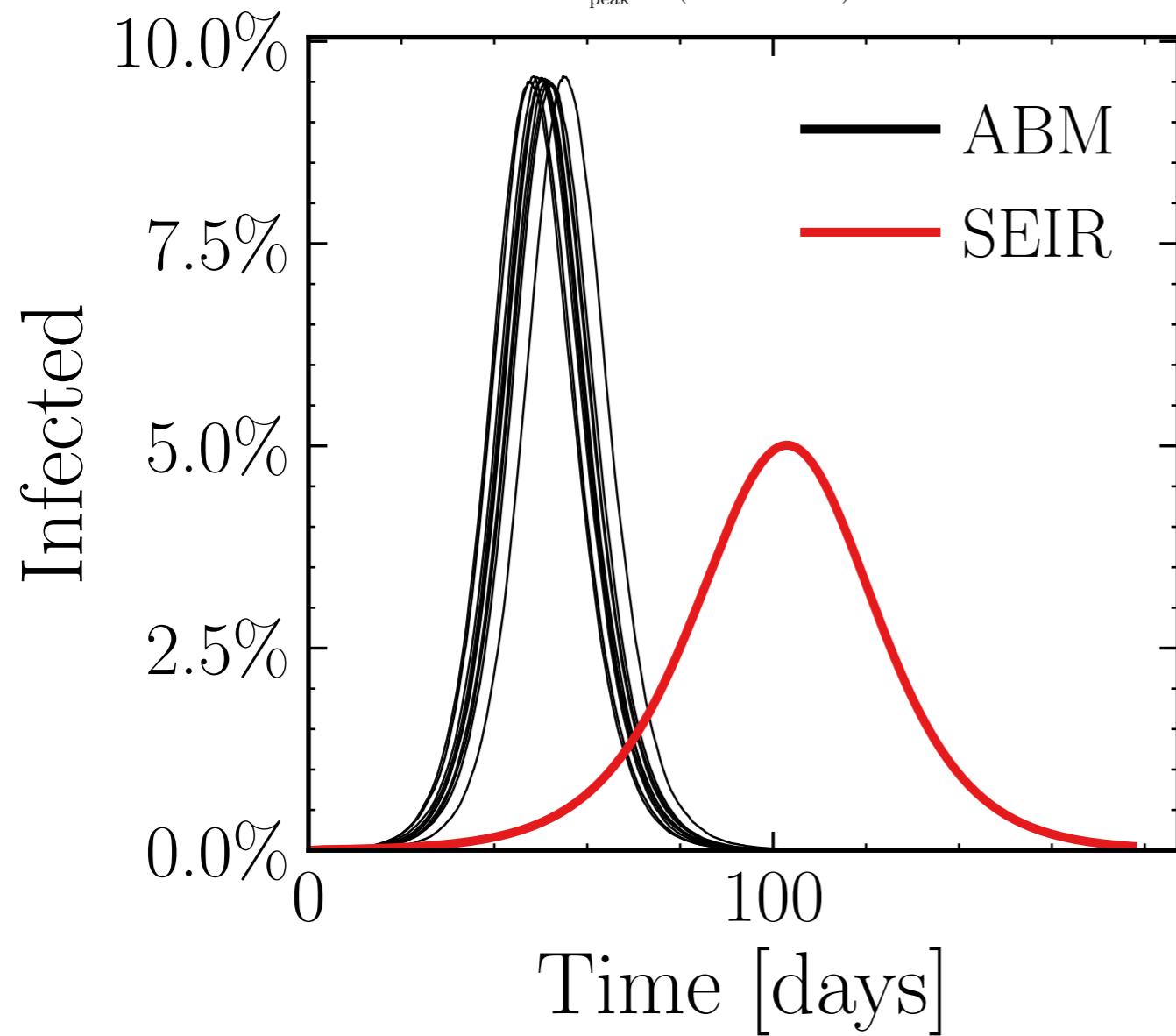
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (55.29 \pm 0.1\%) \cdot 10^3$

v. = 1.0, hash = 8b764ca4c1, #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, $N_{\text{init}} = 100$

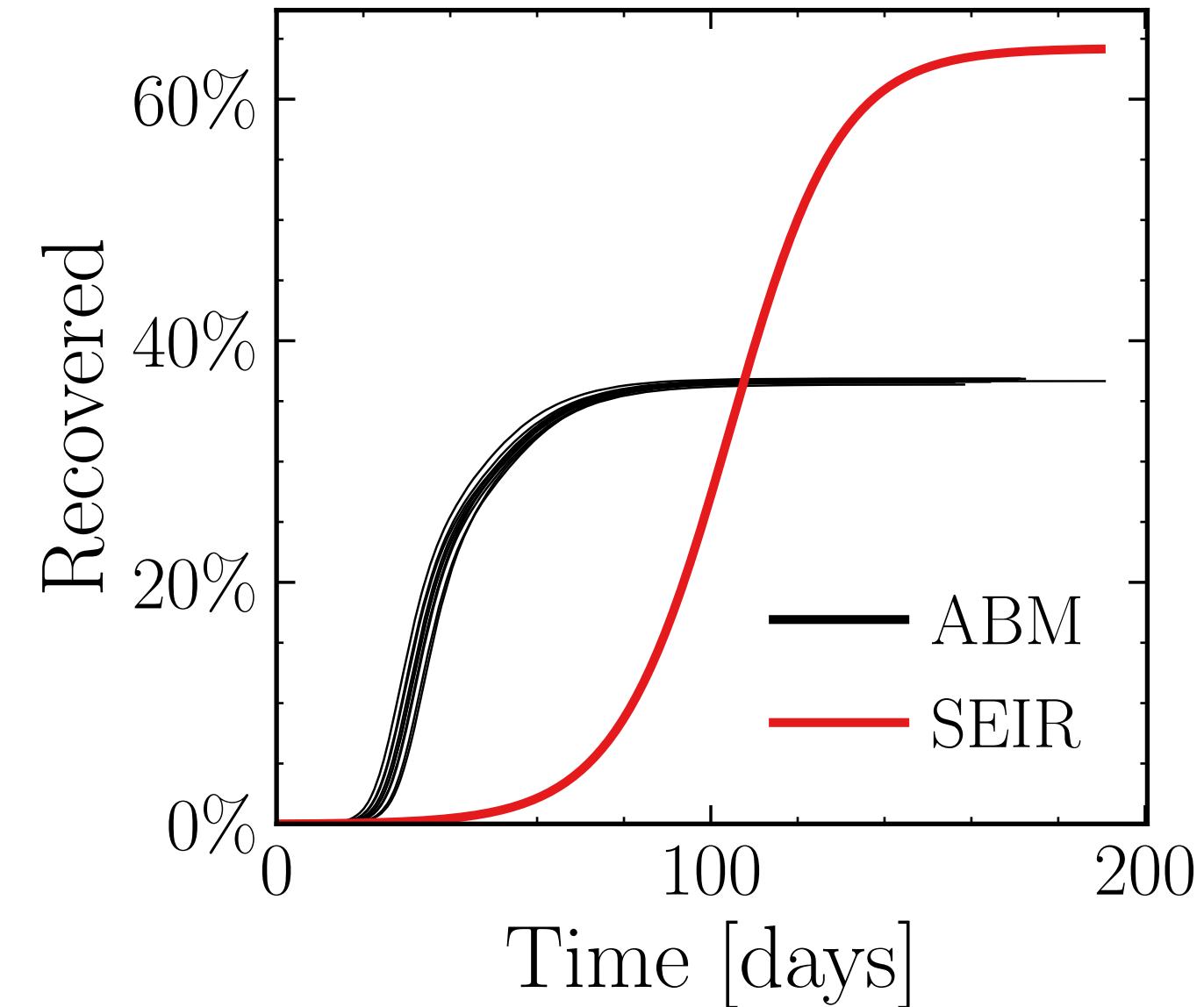
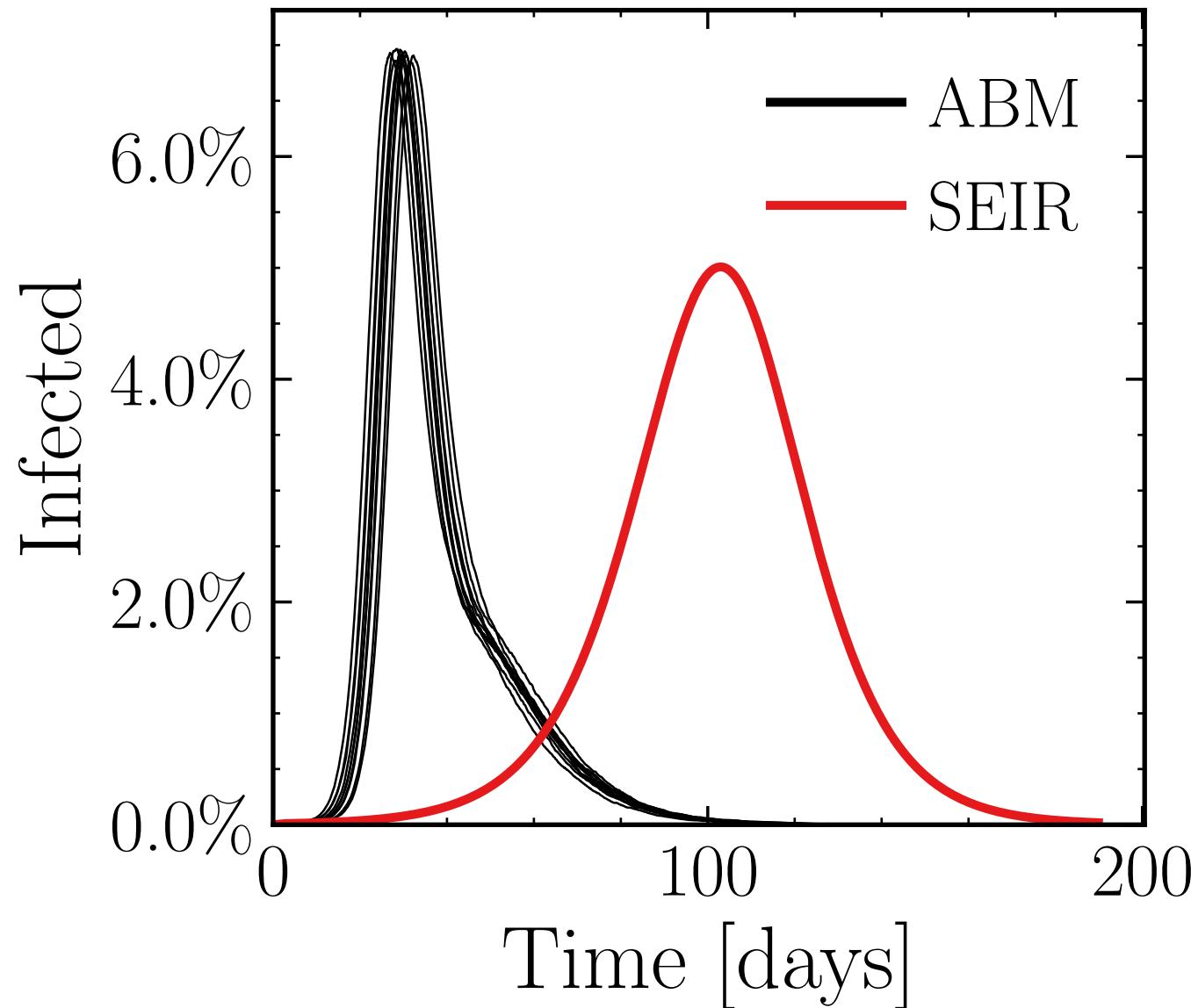
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.11 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 6fc60674f7, #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, $N_{\text{init}} = 100$

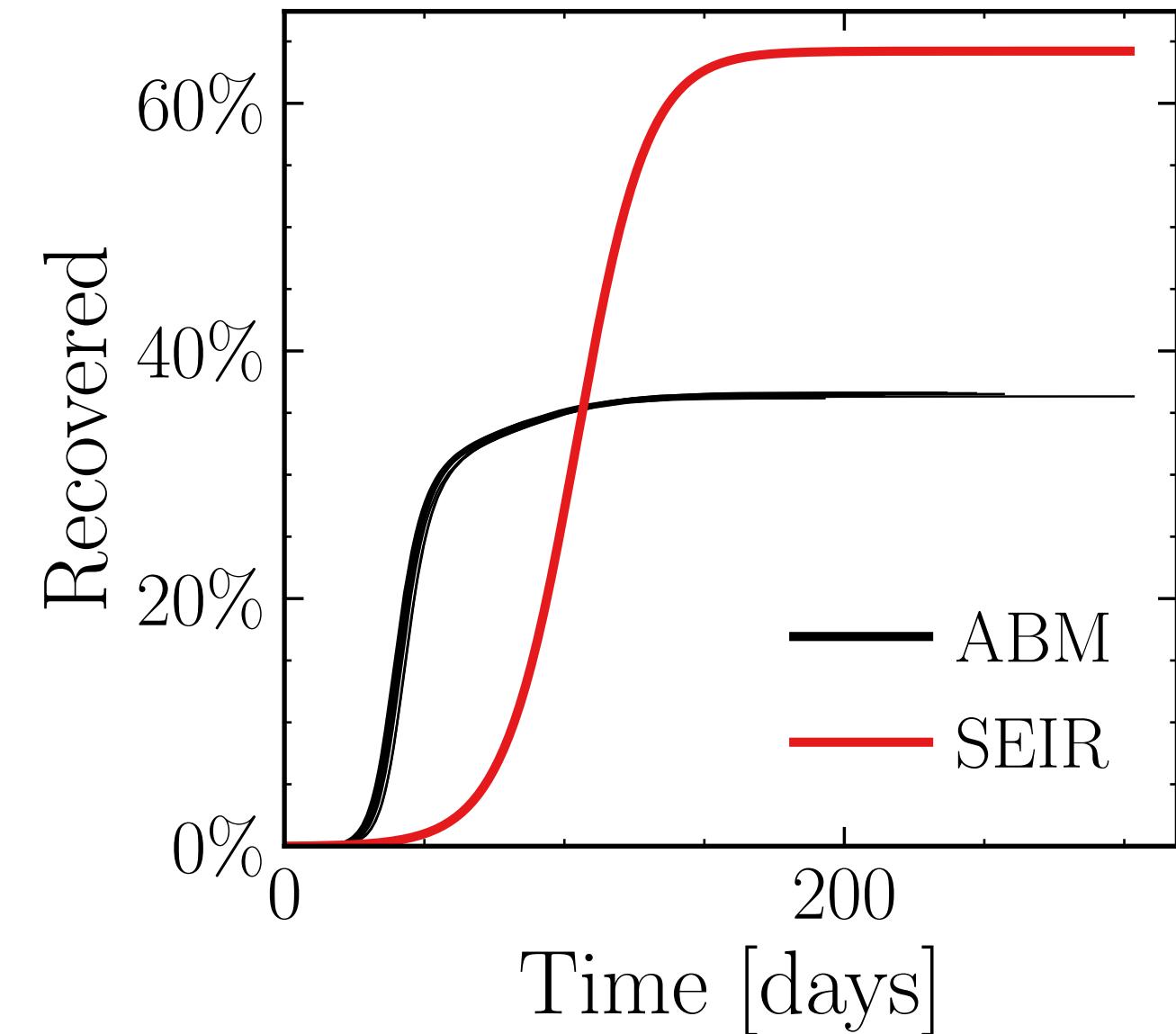
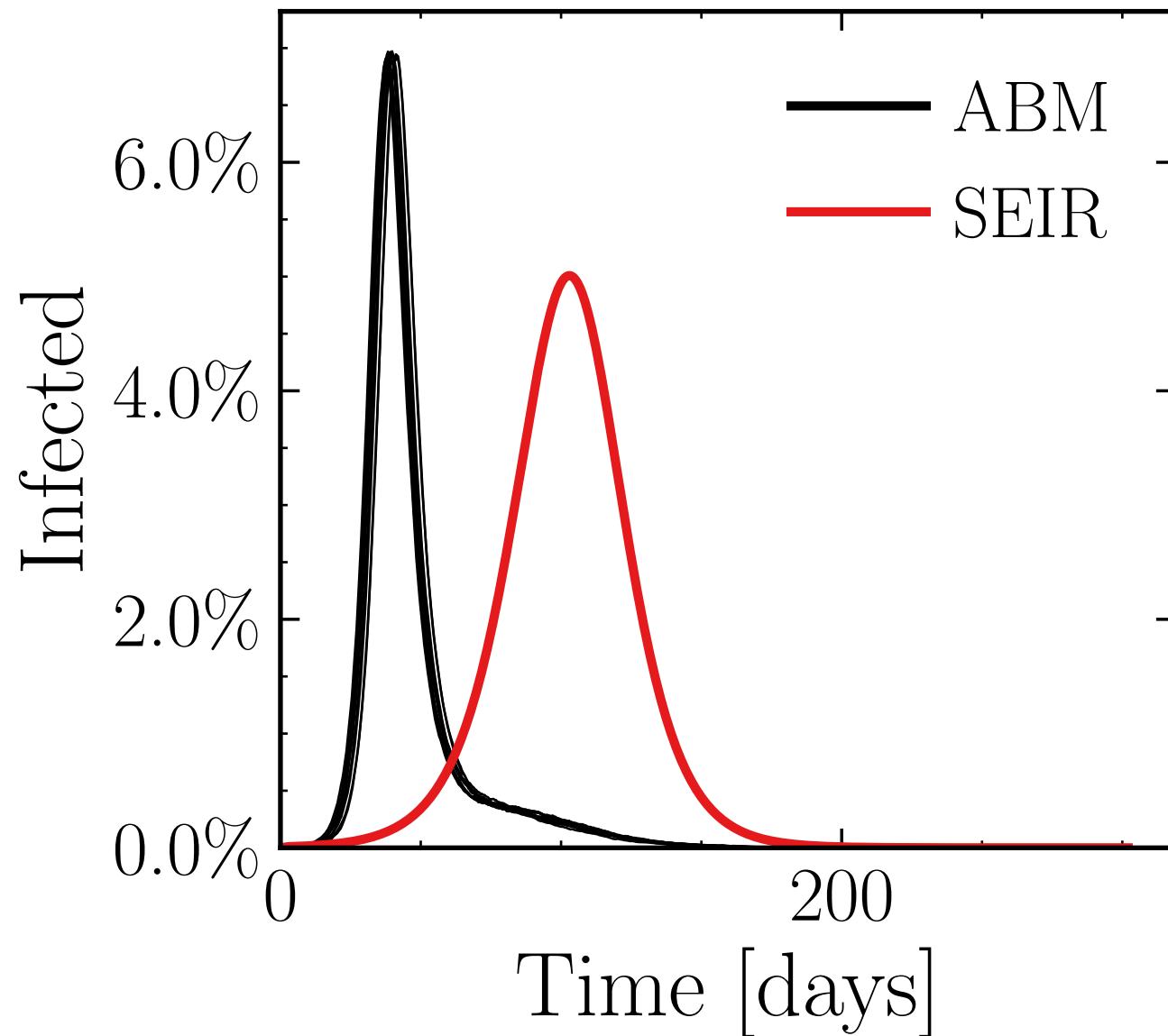
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.2 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 8a9abdabb8, #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, $N_{\text{init}} = 100$

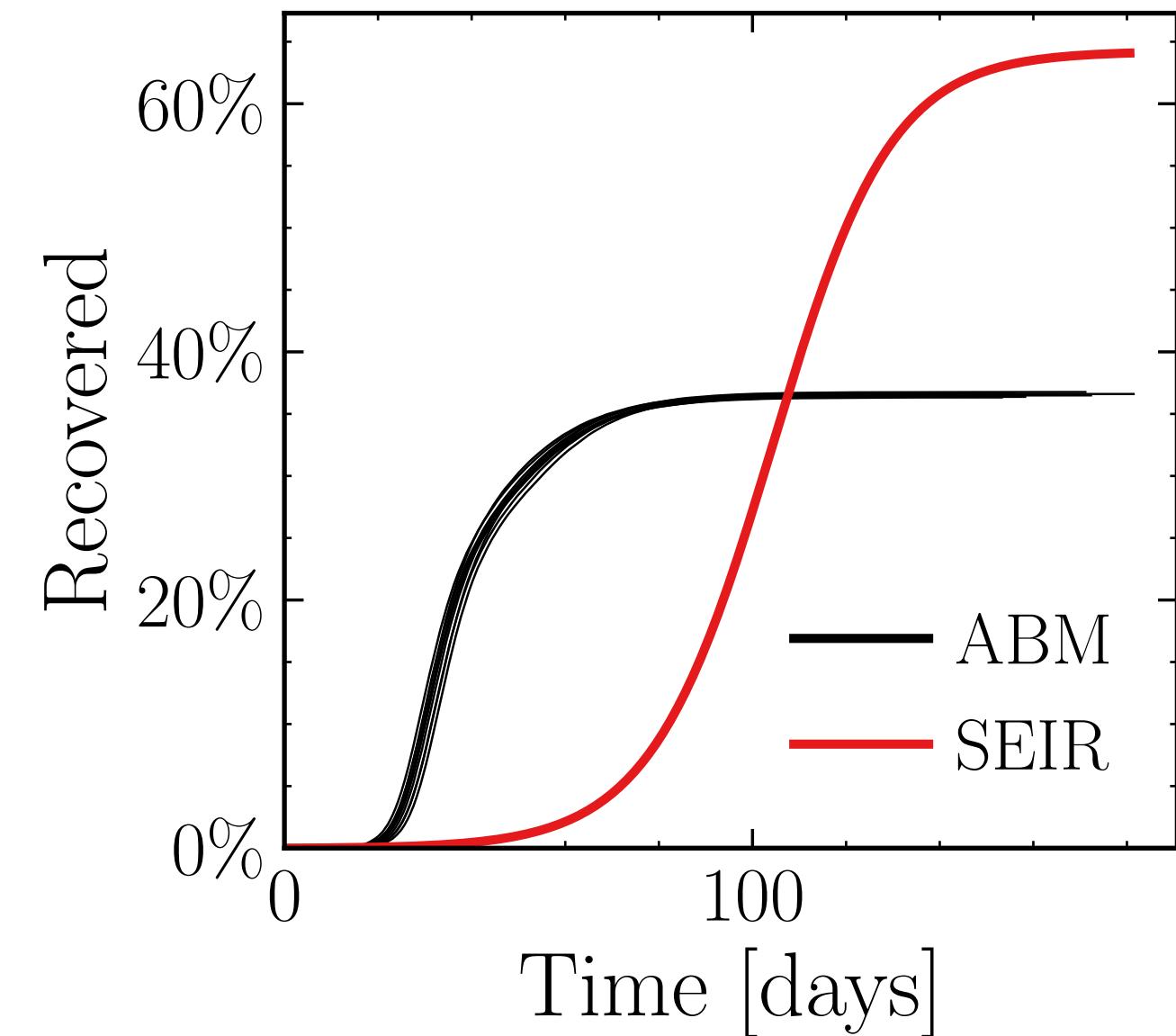
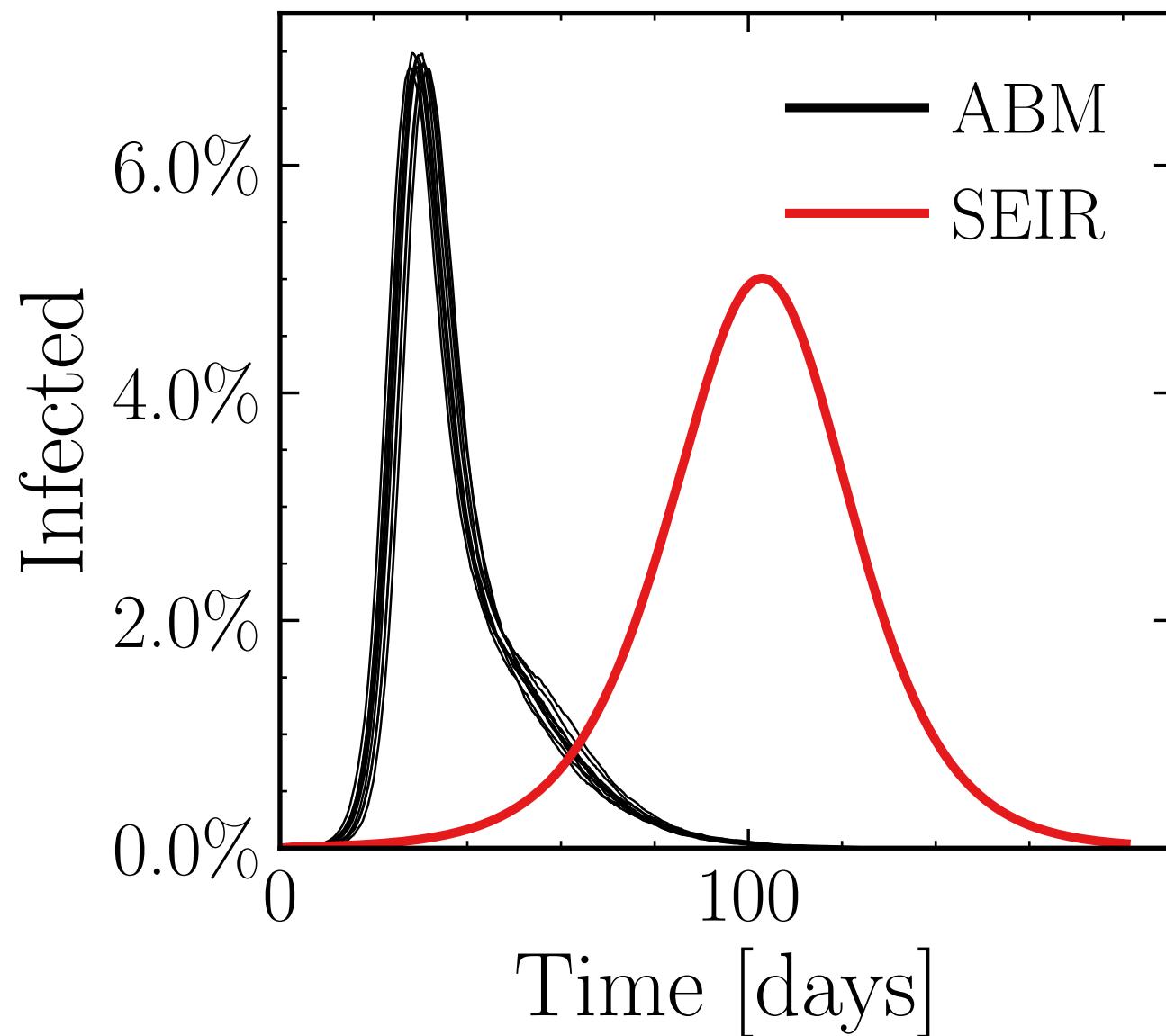
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = ded9c6896c, #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, $N_{\text{init}} = 100$

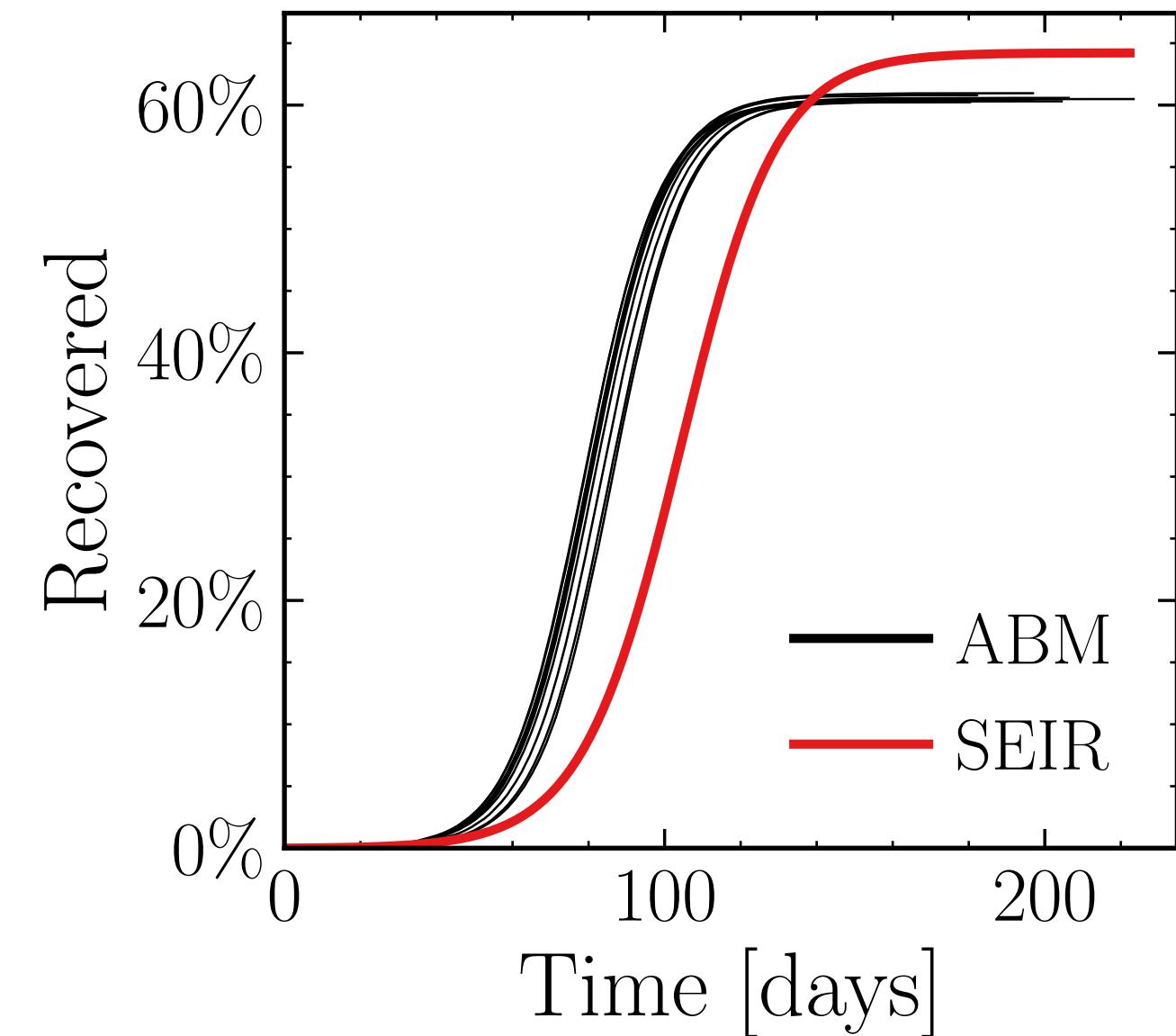
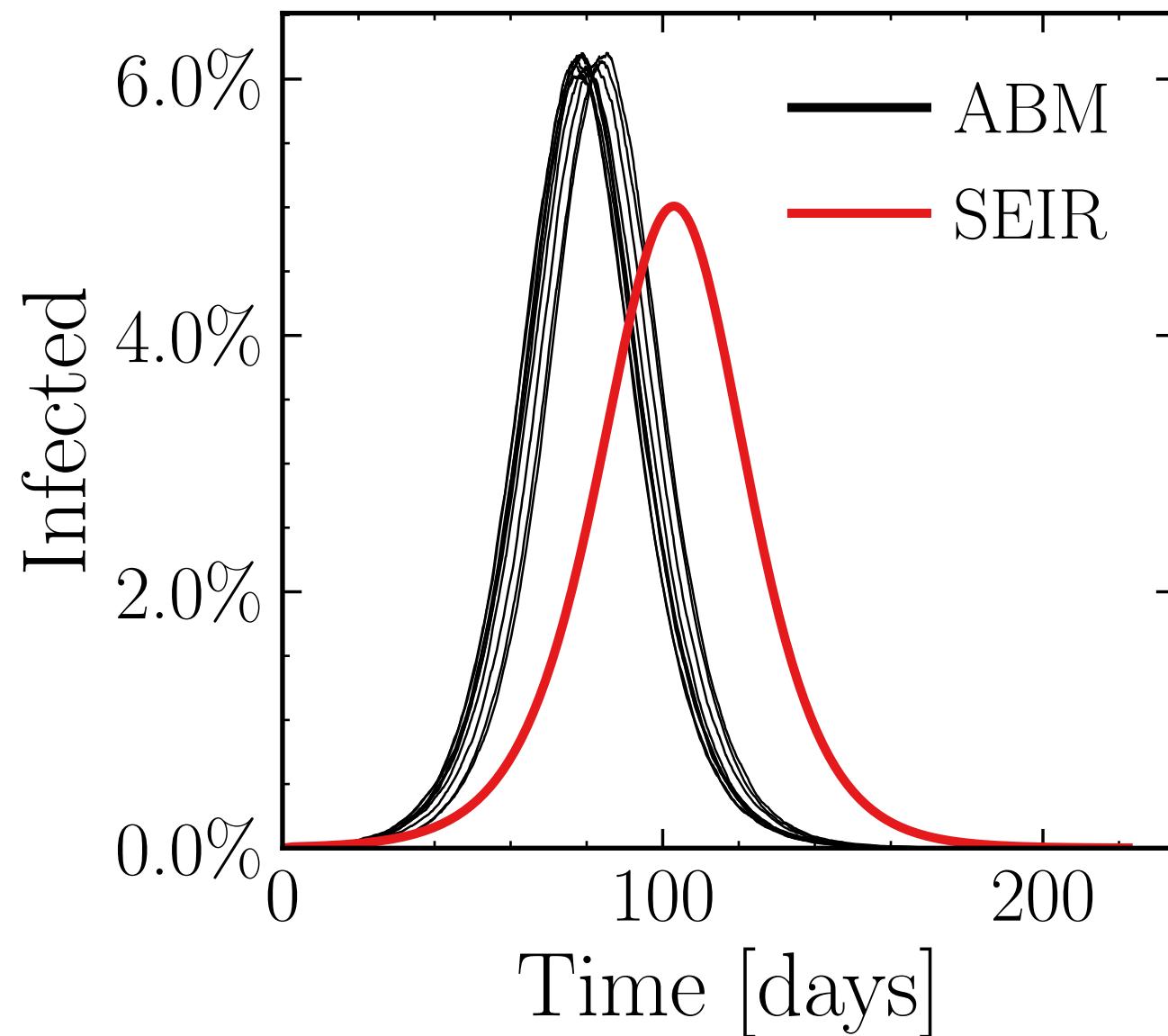
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (35.63 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = 2f46357fd9, #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, $N_{\text{init}} = 100$

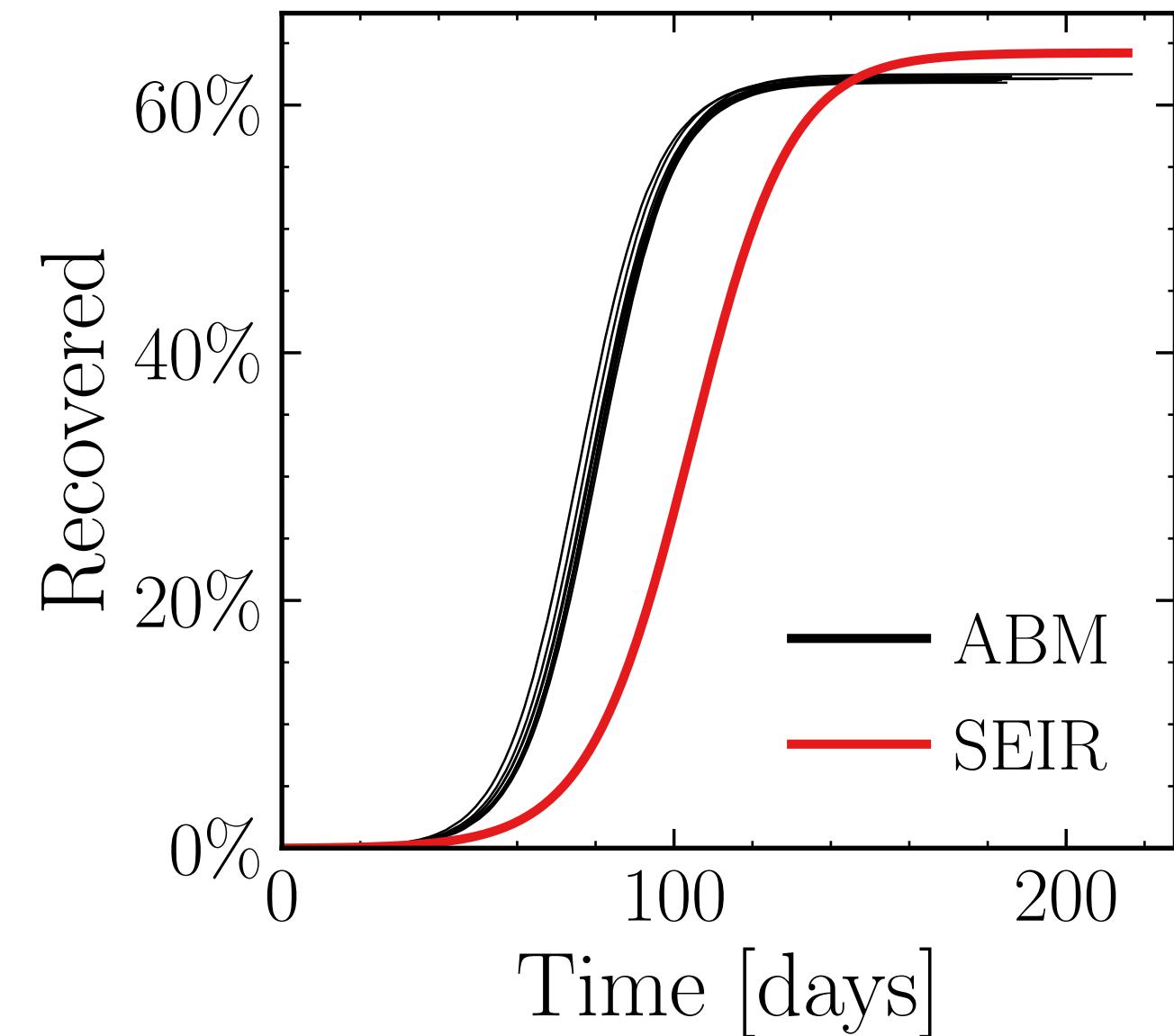
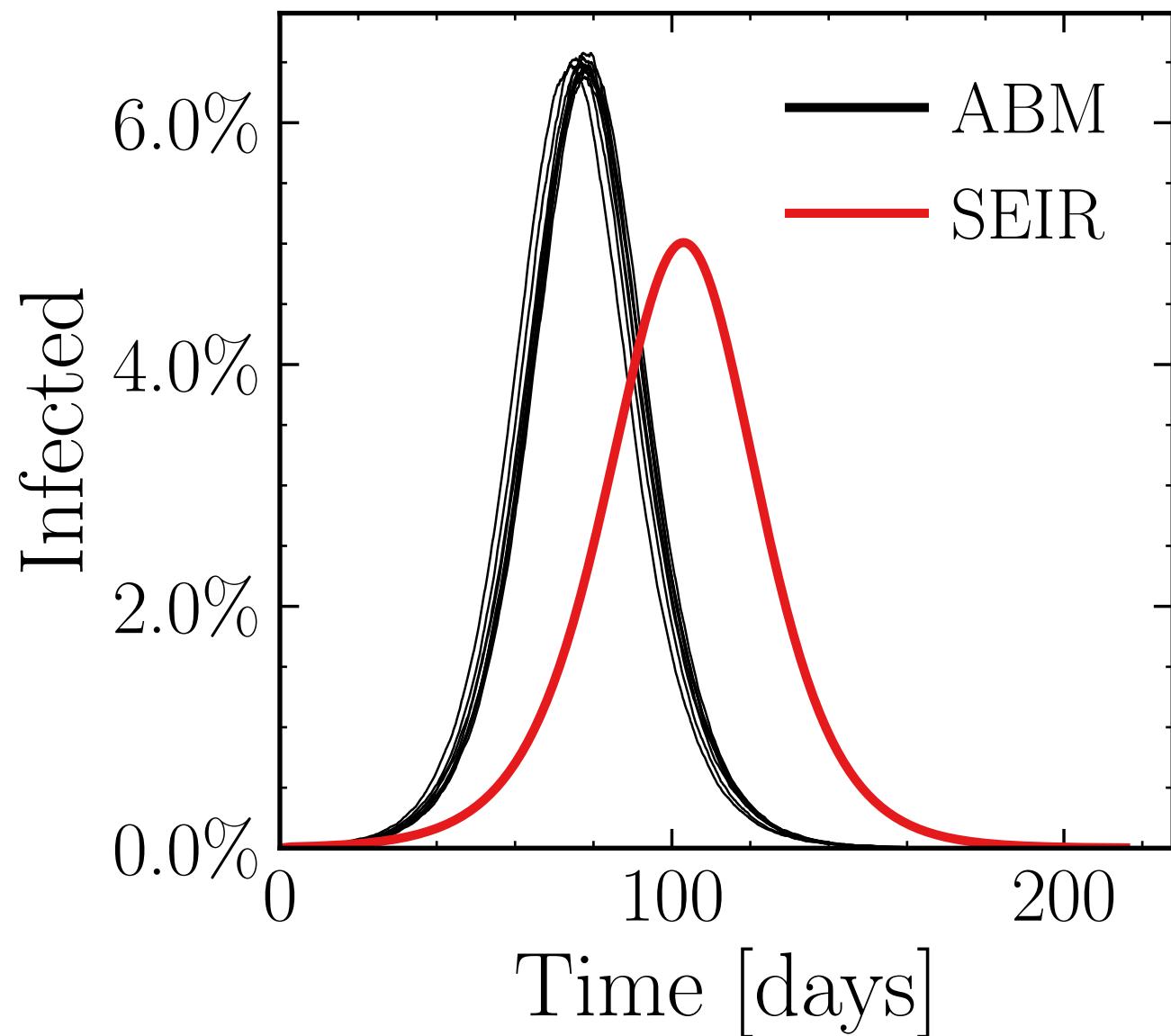
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (37.61 \pm 0.26\%) \cdot 10^3$

v. = 1.0, hash = 8466228e41, #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, $N_{\text{init}} = 100$

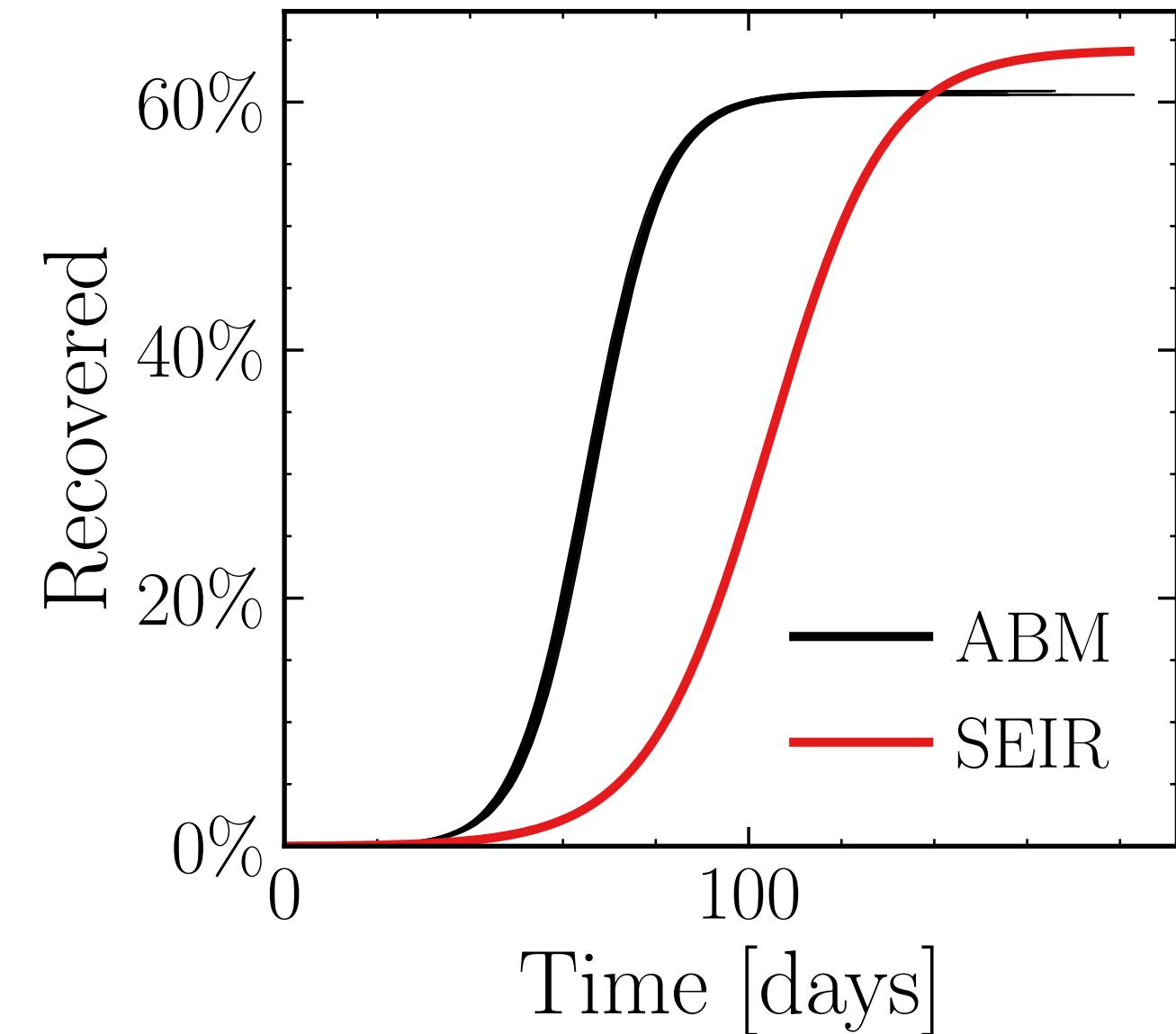
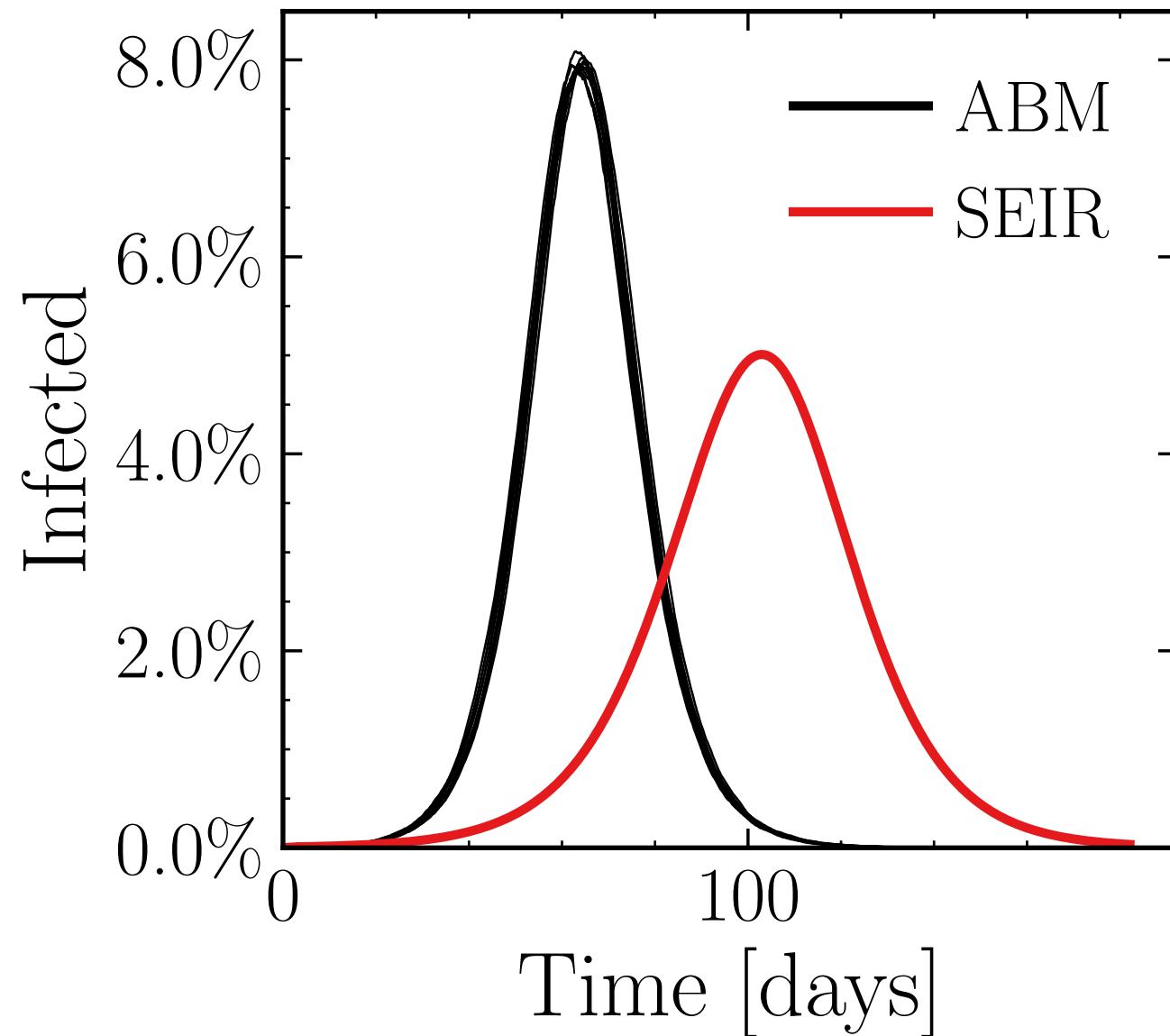
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (46.2 \pm 0.24\%) \cdot 10^3$

v. = 1.0, hash = 2aac7b550c, #10

$R_\infty^{\text{ABM}} = (352.3 \pm 0.067\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

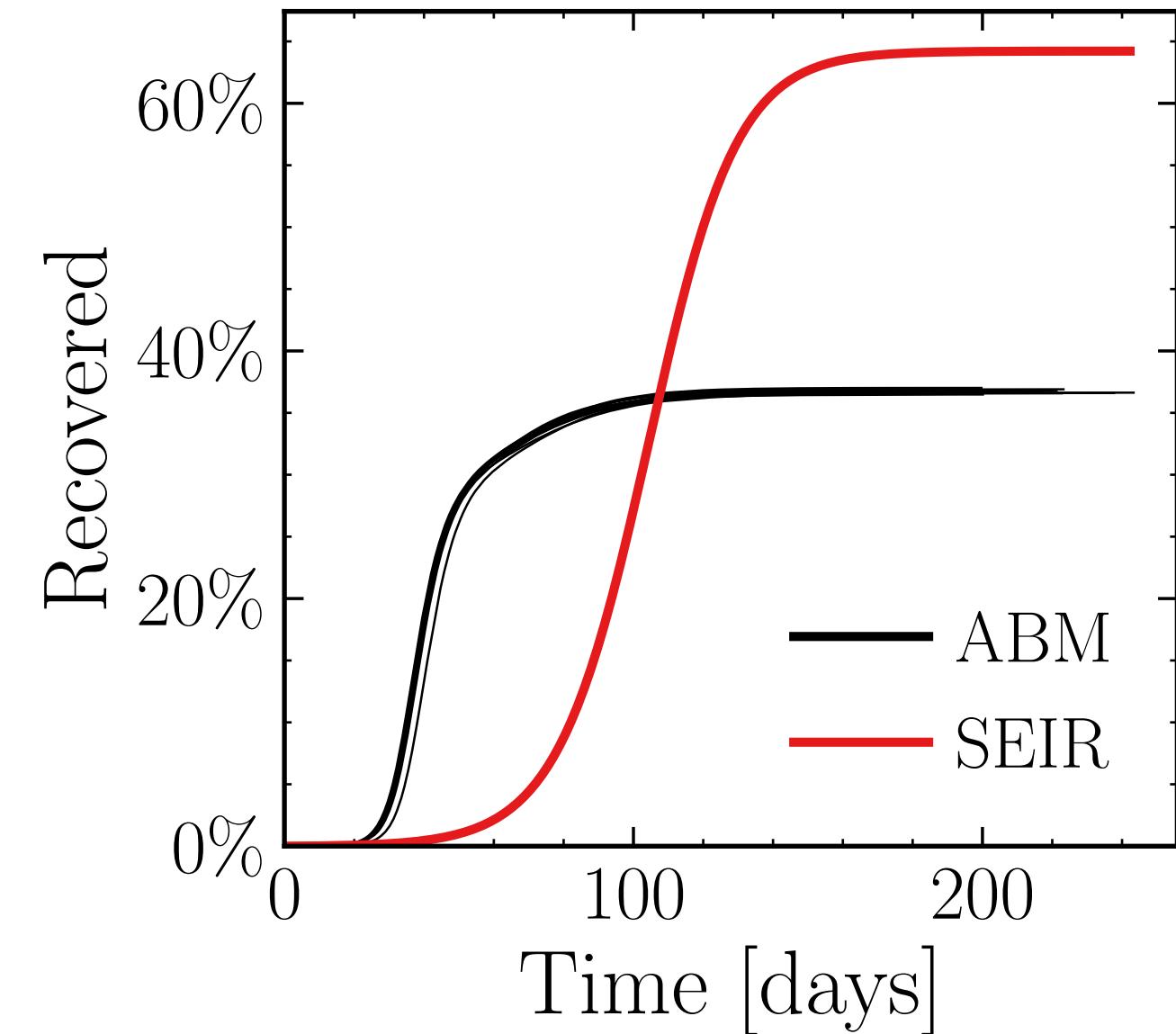
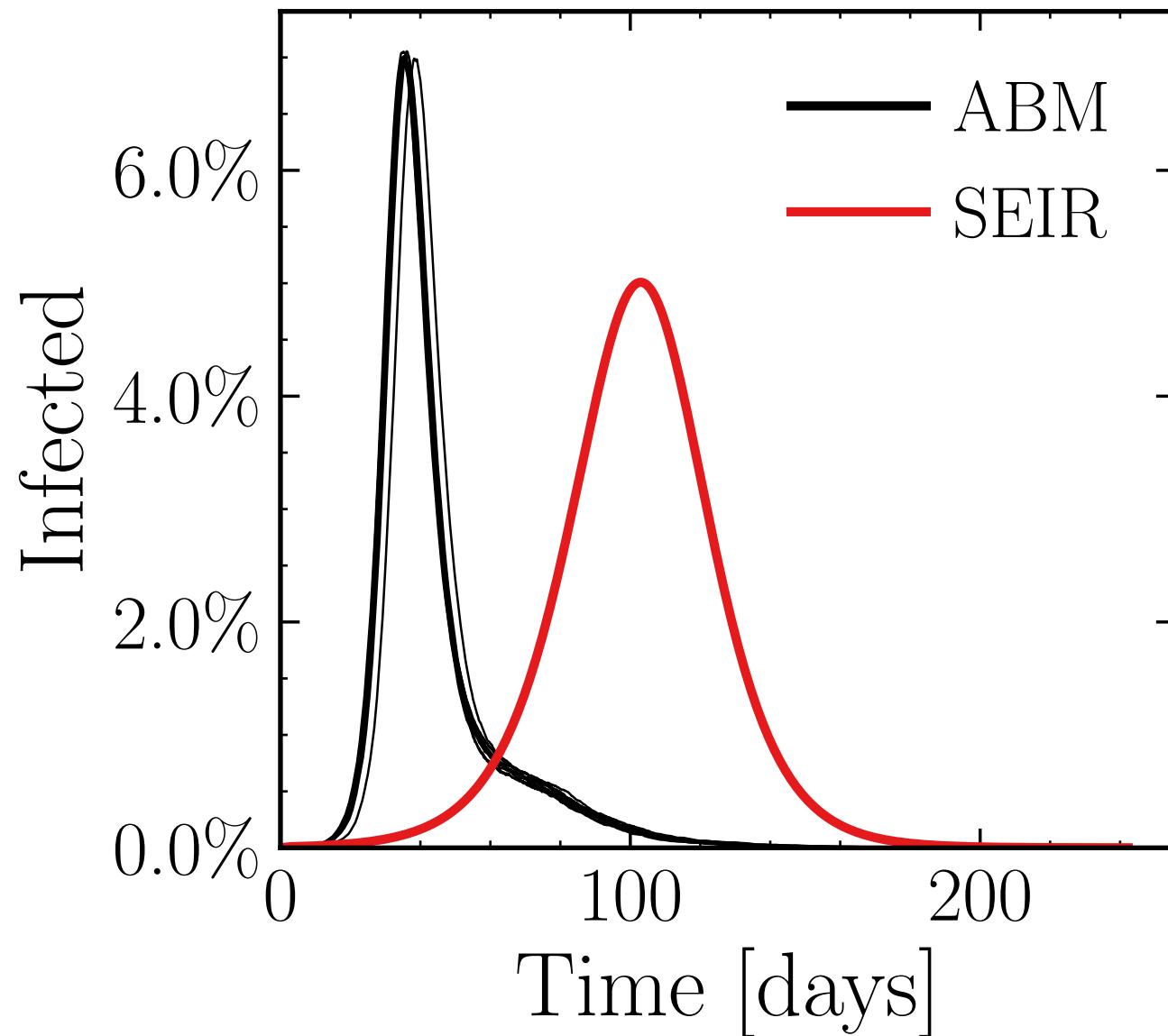
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.62 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = 8910a810bd, #10

$R_\infty^{\text{ABM}} = (213 \pm 0.13\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

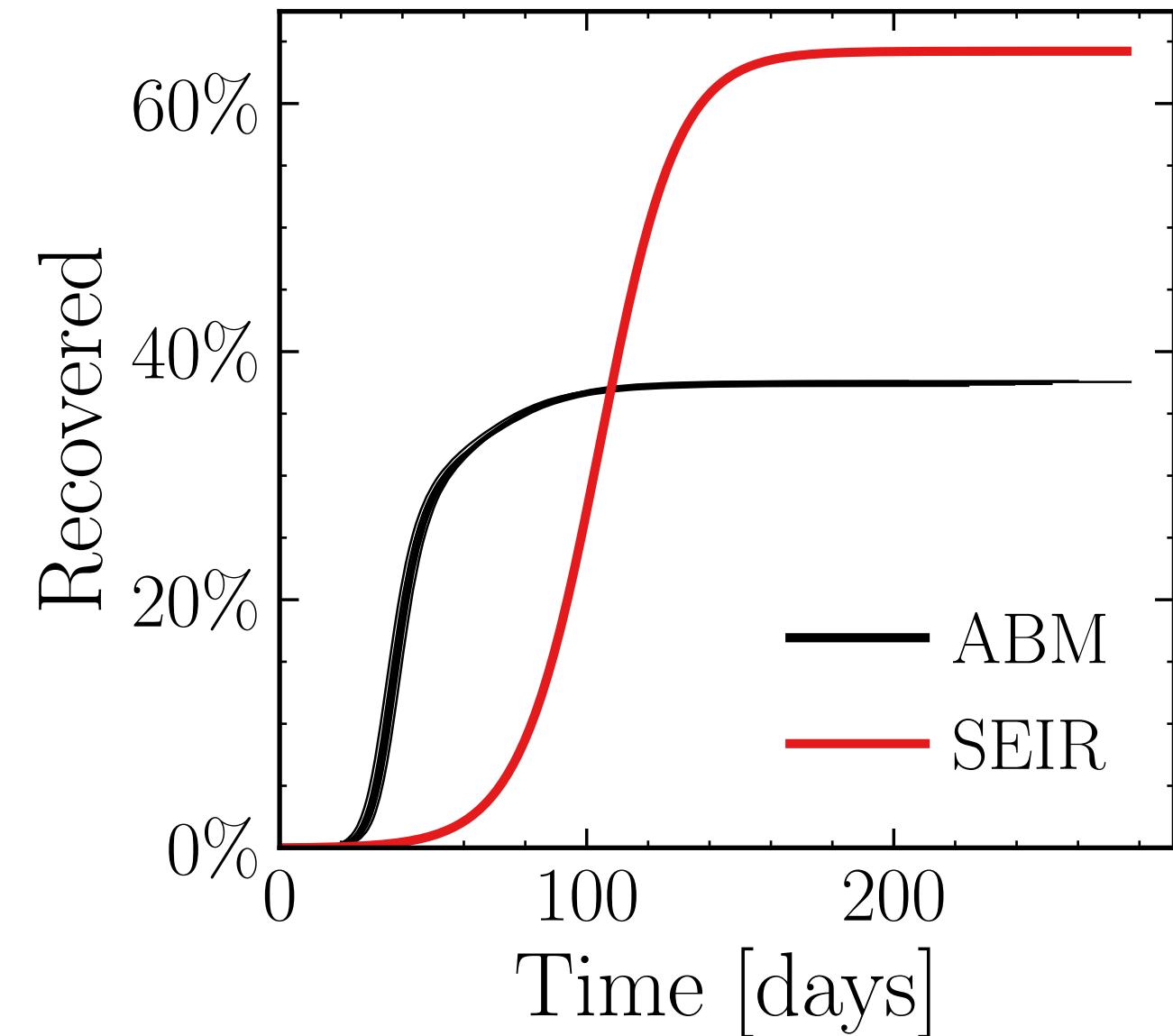
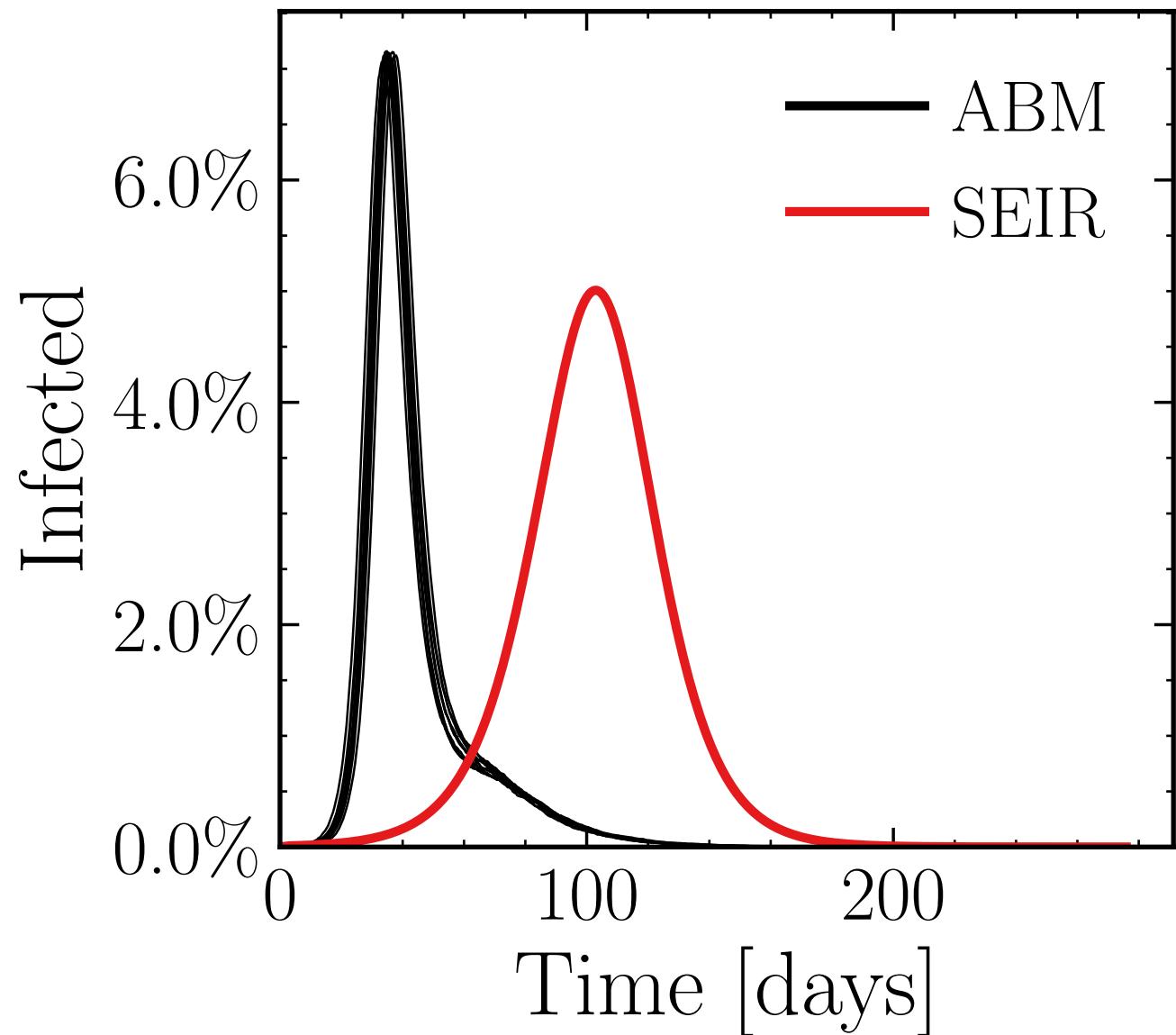
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (41.31 \pm 0.14\%) \cdot 10^3$

v. = 1.0, hash = fa0442149c, #10

$R_\infty^{\text{ABM}} = (217.2 \pm 0.1\%) \cdot 10^3$



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

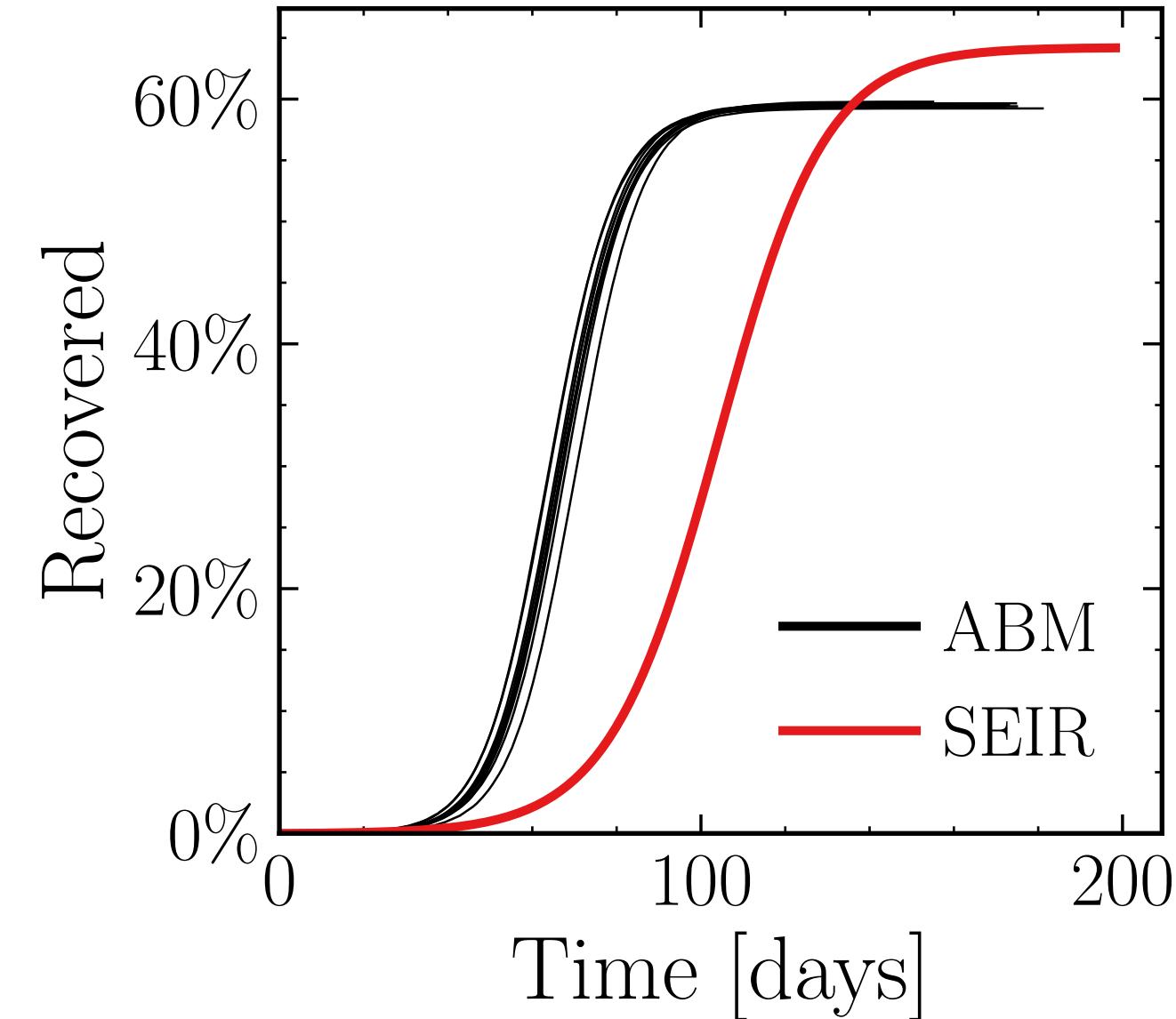
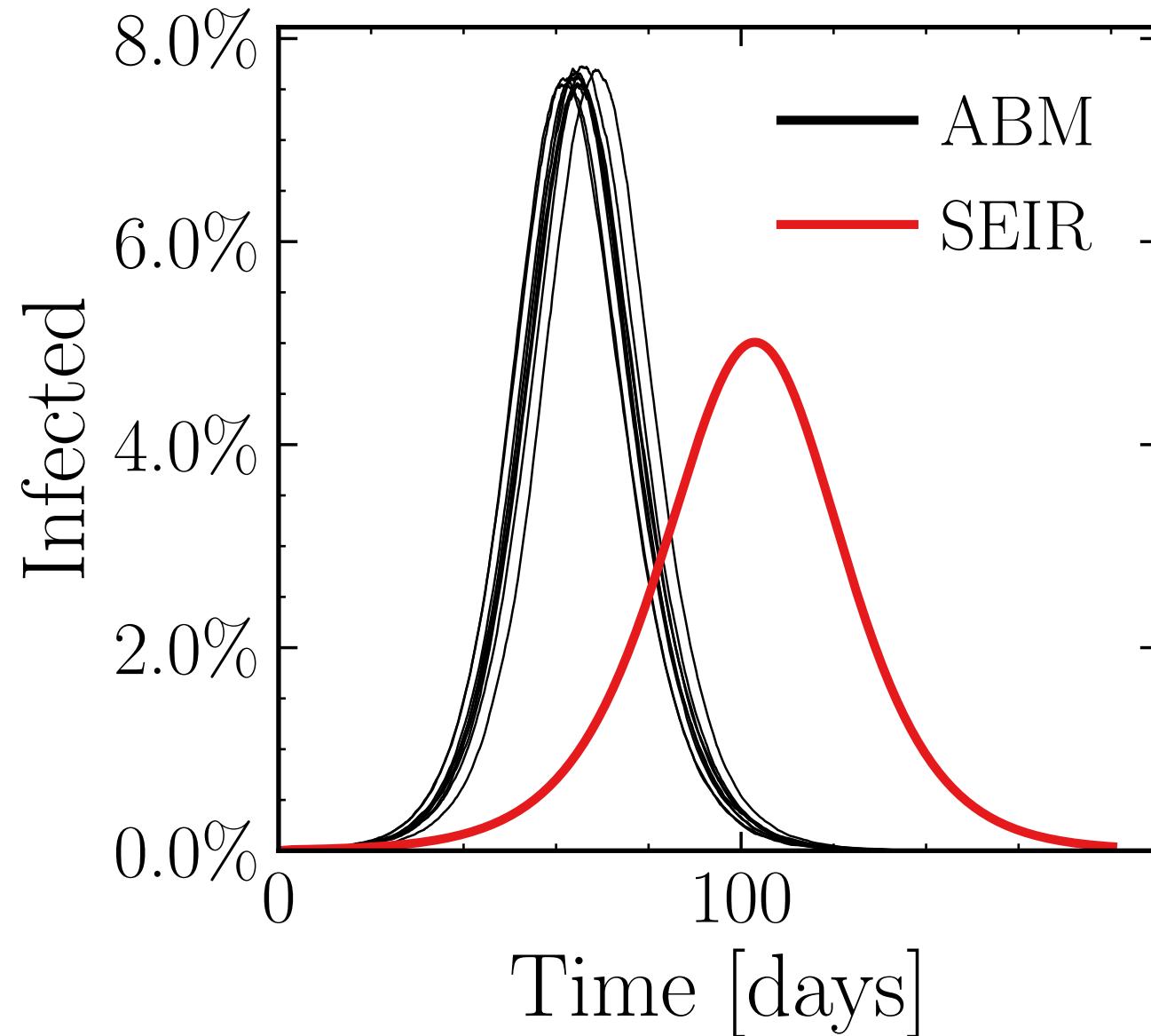
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (44.2 \pm 0.27\%) \cdot 10^3$

v. = 1.0, hash = 028c6df078, #10

$R_{\infty}^{\text{ABM}} = (345 \pm 0.088\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

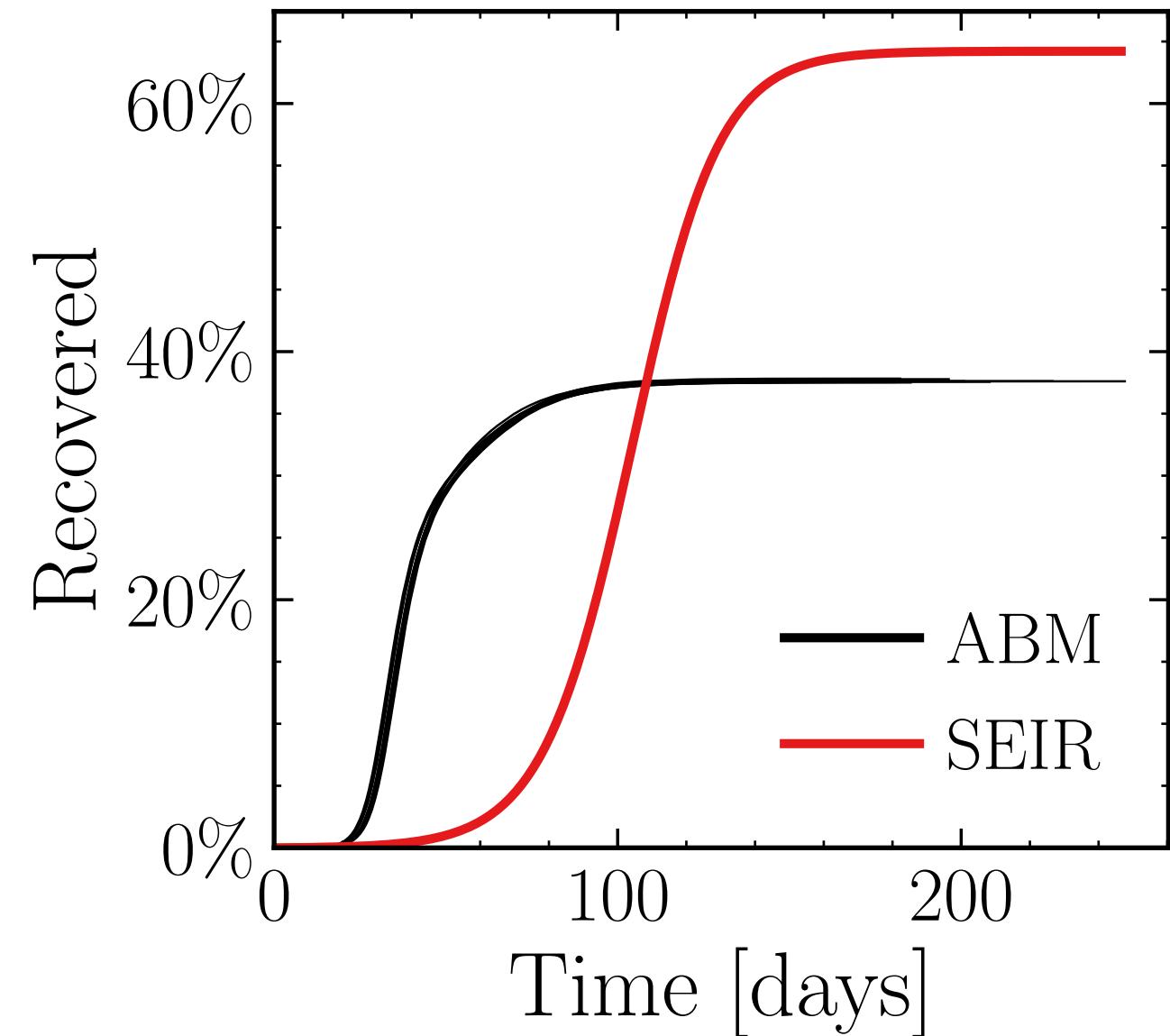
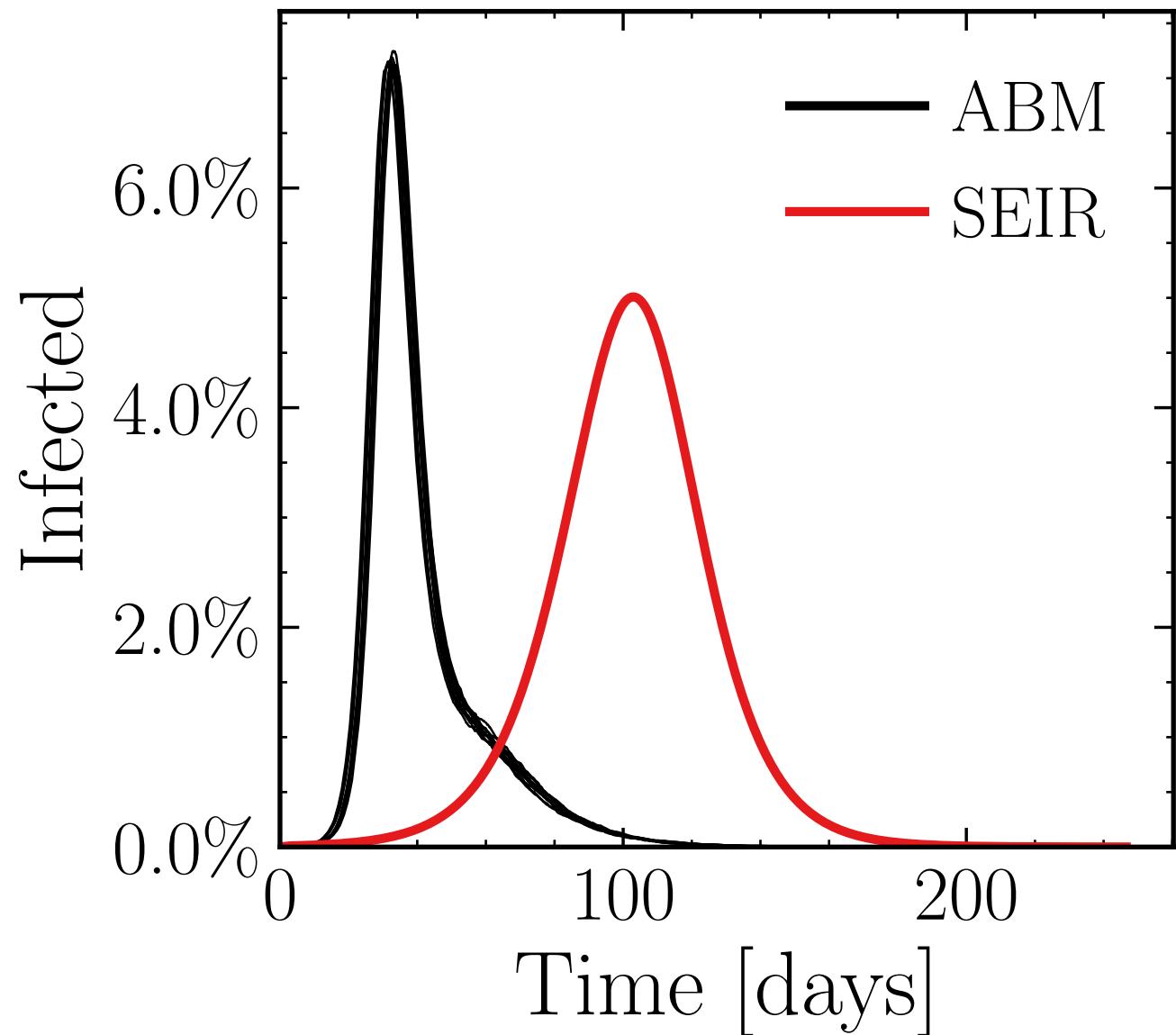
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

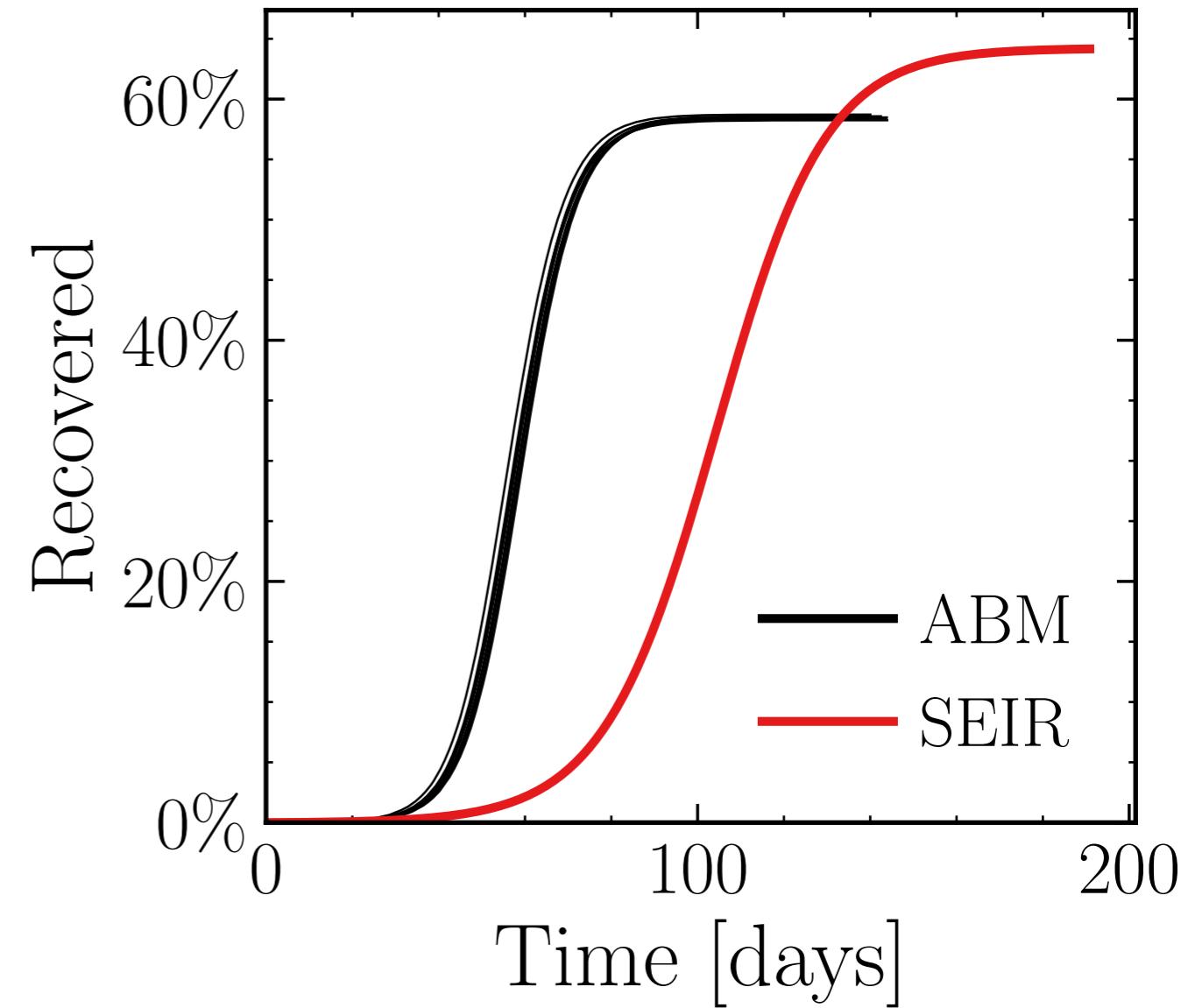
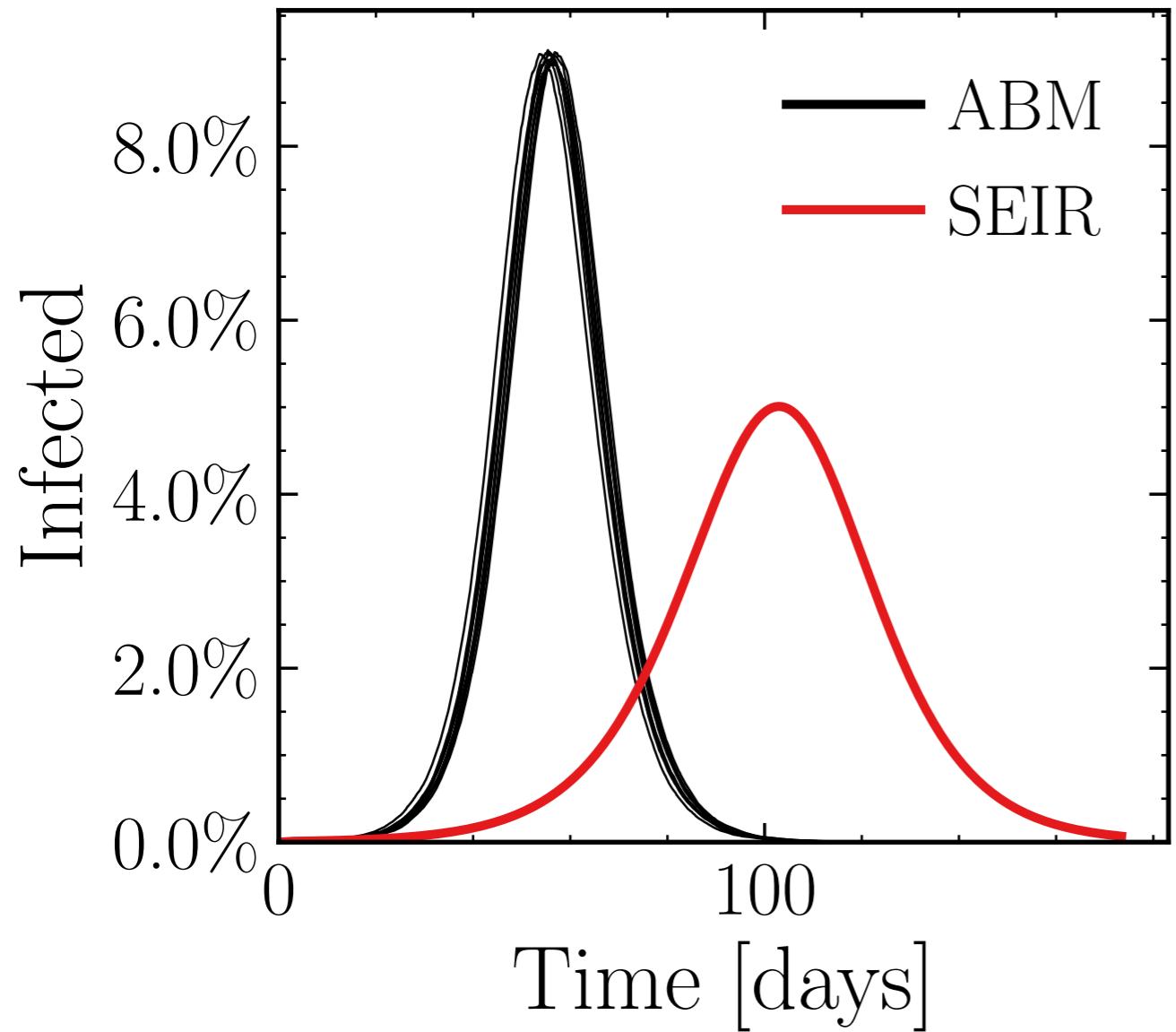
$I_{\text{peak}}^{\text{ABM}} = (41.42 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 2ab8f15b11, #10

$R_\infty^{\text{ABM}} = (218.3 \pm 0.082\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 0.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (52.39 \pm 0.18\%) \cdot 10^3$ v. = 1.0, hash = 7eae221169, #10 $R_\infty^{\text{ABM}} = (339 \pm 0.068\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 1.0$, algo = 2, $N_{\text{init}} = 100$

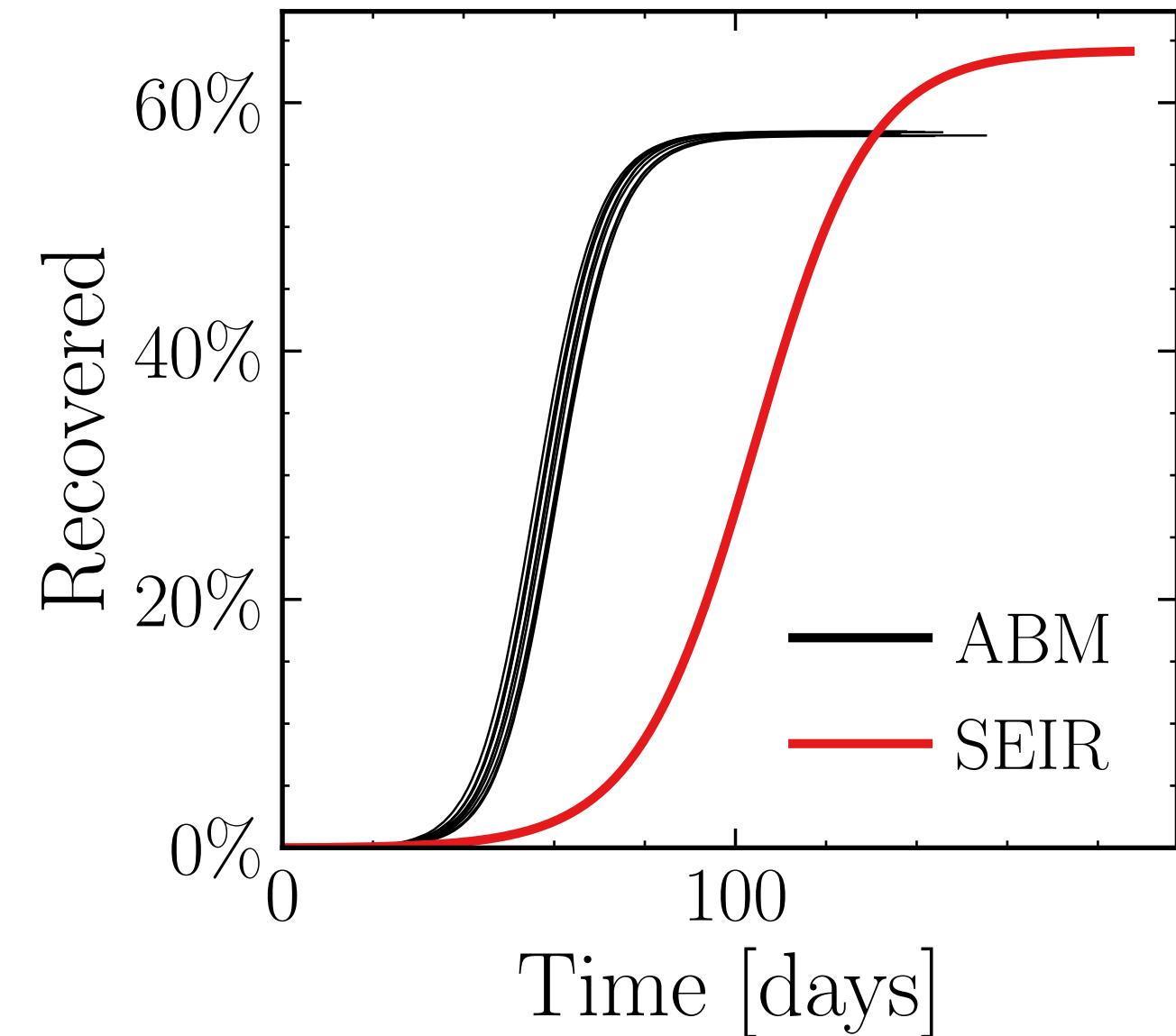
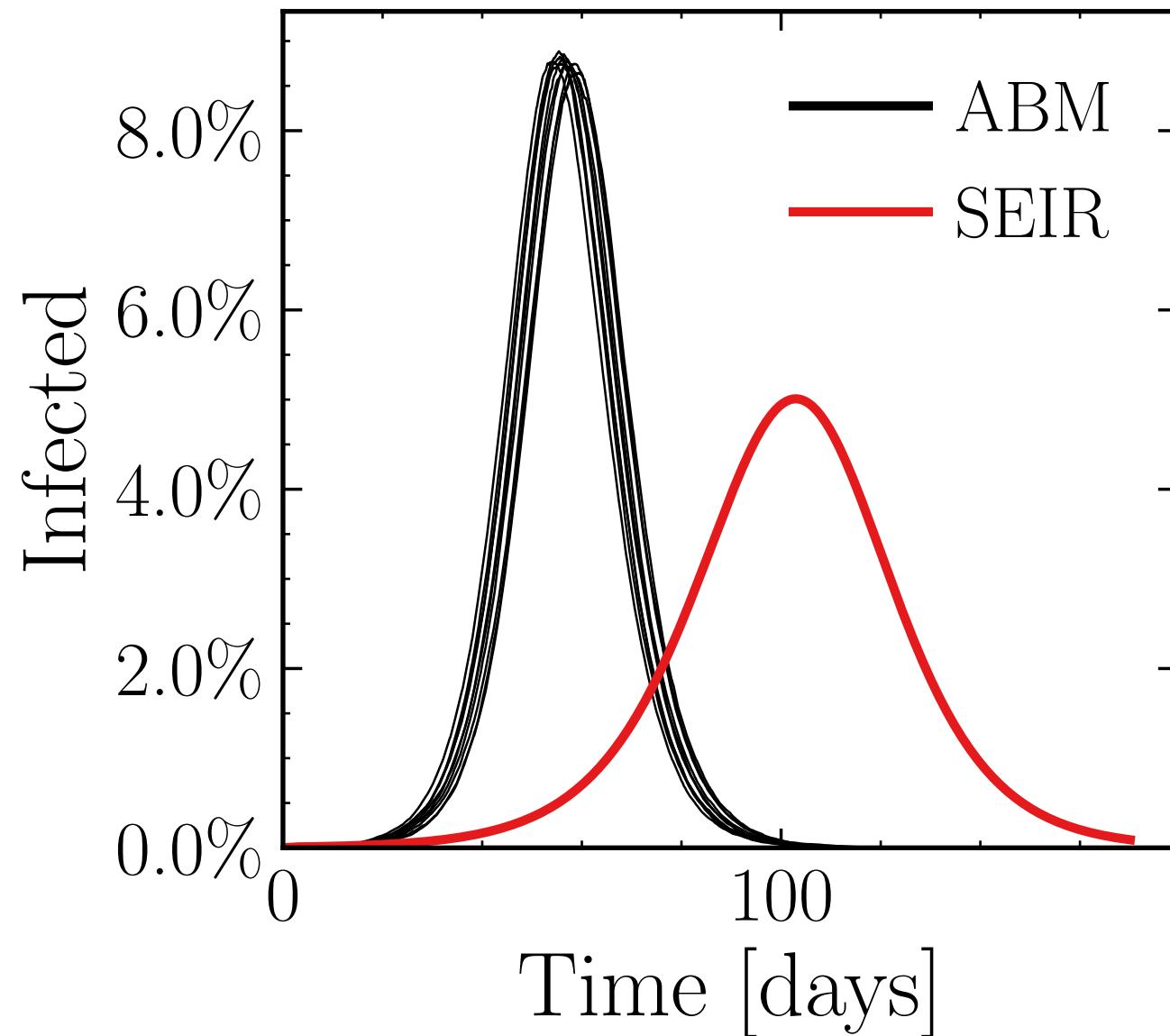
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (50.8 \pm 0.28\%) \cdot 10^3$

v. = 1.0, hash = 0348862f62, #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, $N_{\text{init}} = 100$

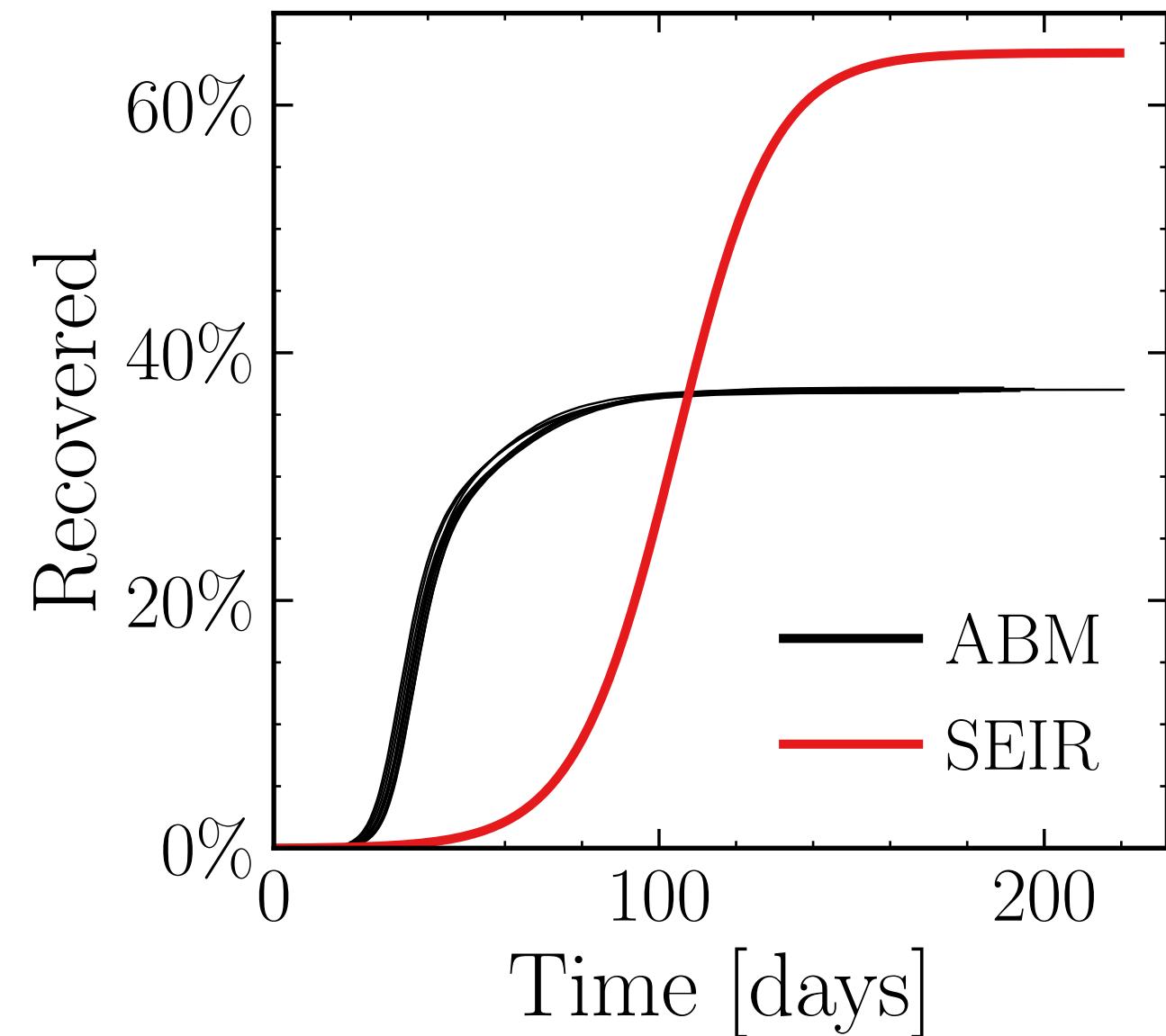
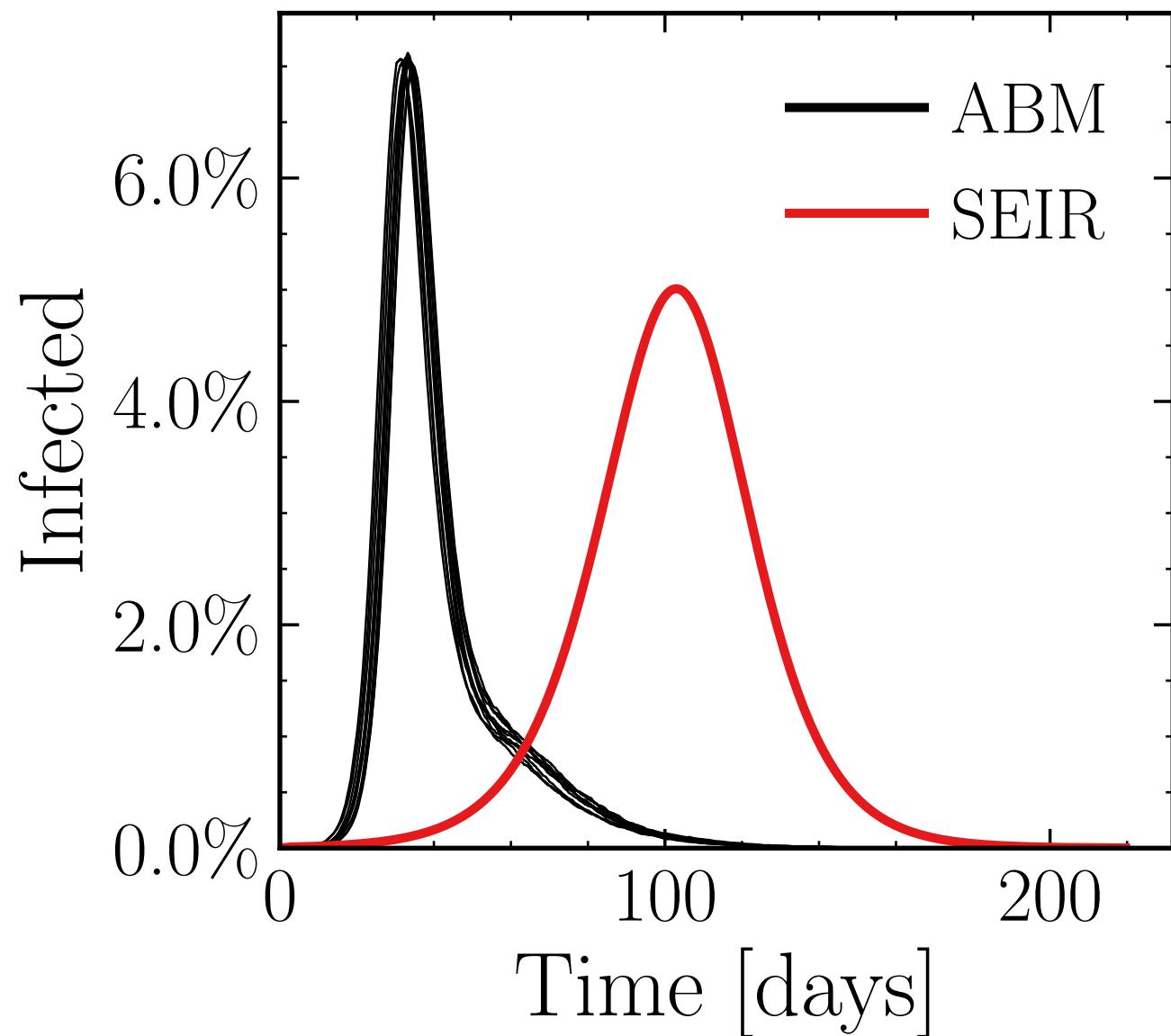
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.85 \pm 0.2\%) \cdot 10^3$

v. = 1.0, hash = 6f59b5602e, #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, $N_{\text{init}} = 100$

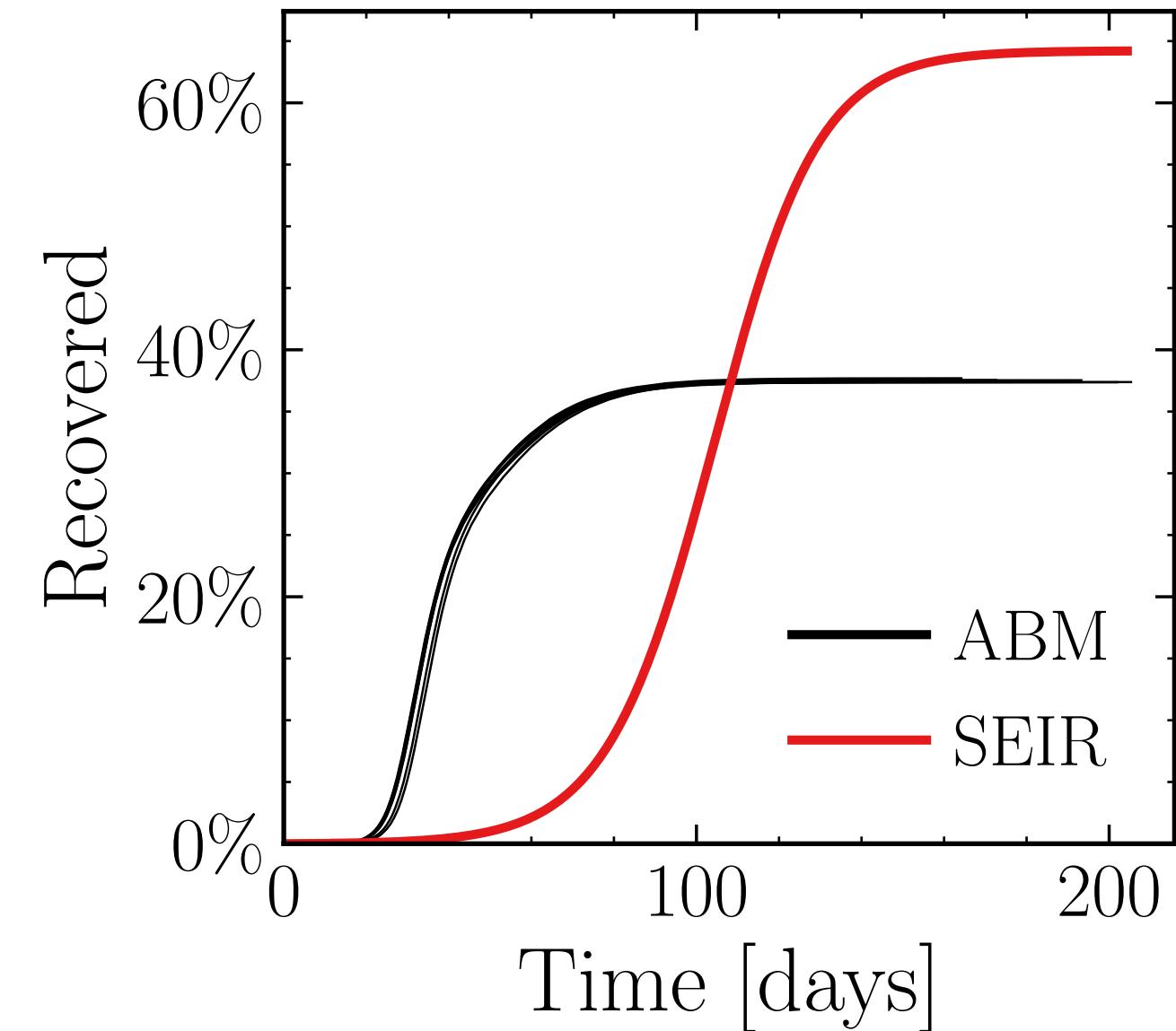
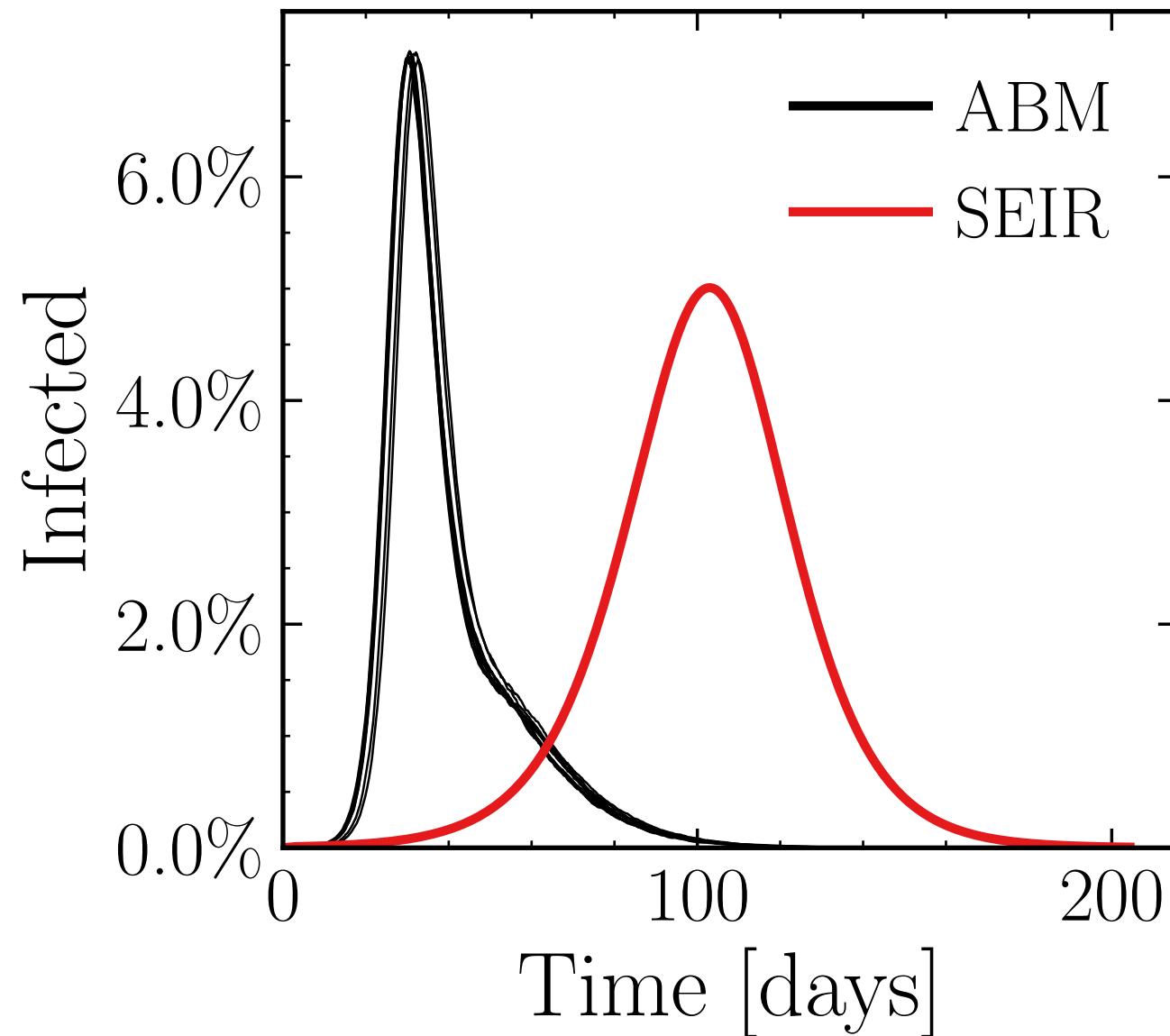
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (41.05 \pm 0.13\%) \cdot 10^3$

v. = 1.0, hash = 918455ee15, #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, $N_{\text{init}} = 100$

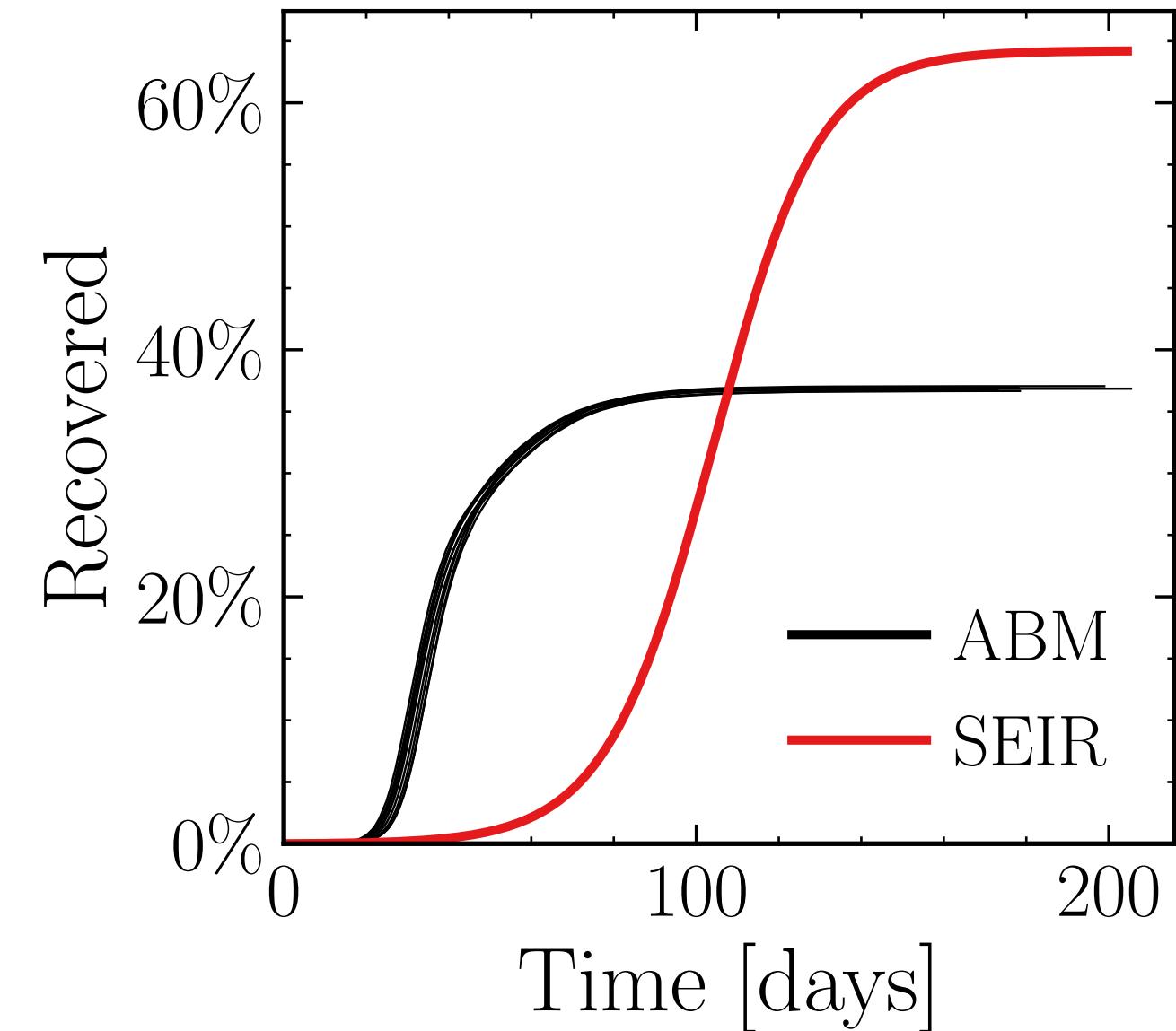
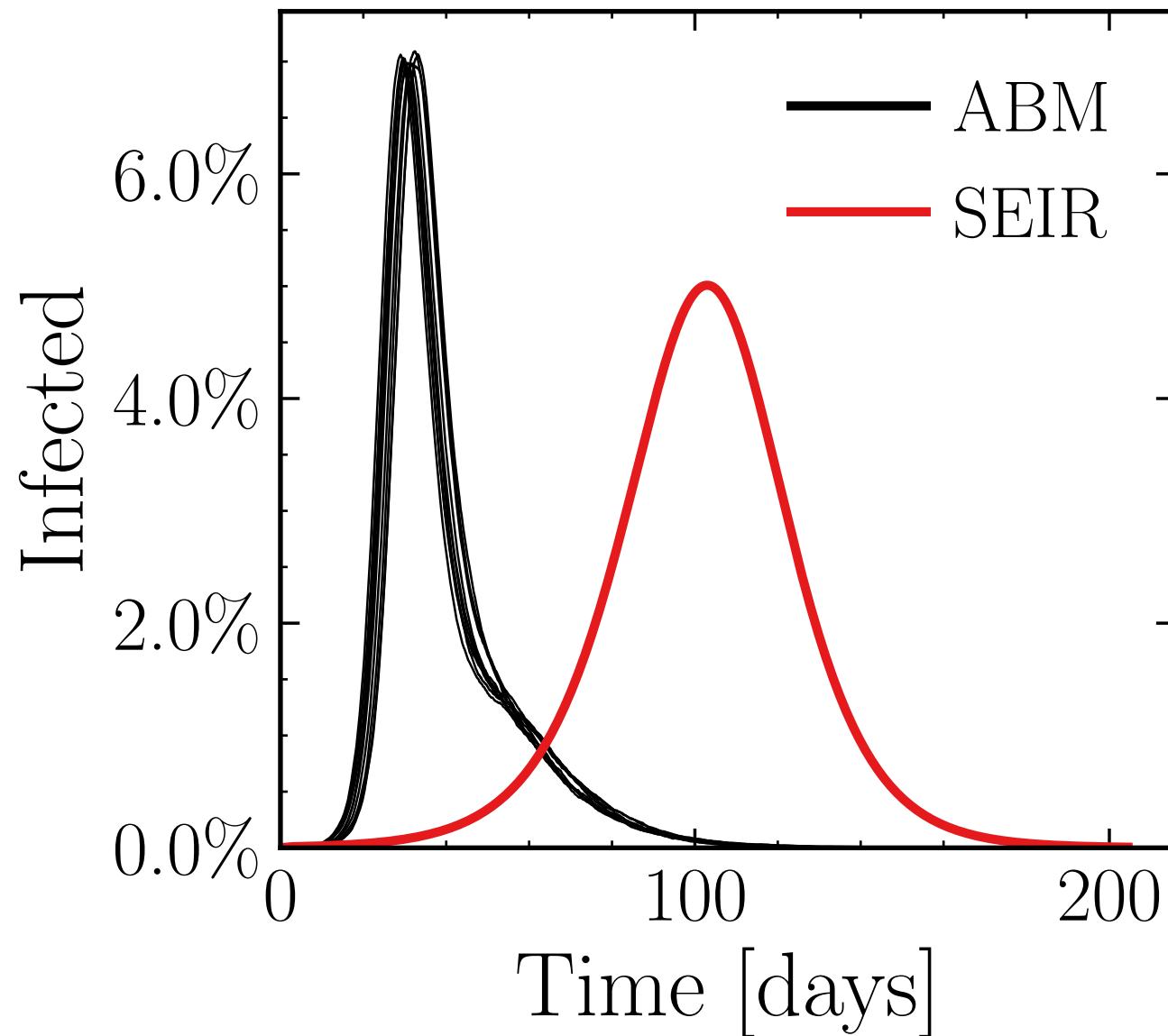
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (40.67 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = f307b08651, #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, $N_{\text{init}} = 10$

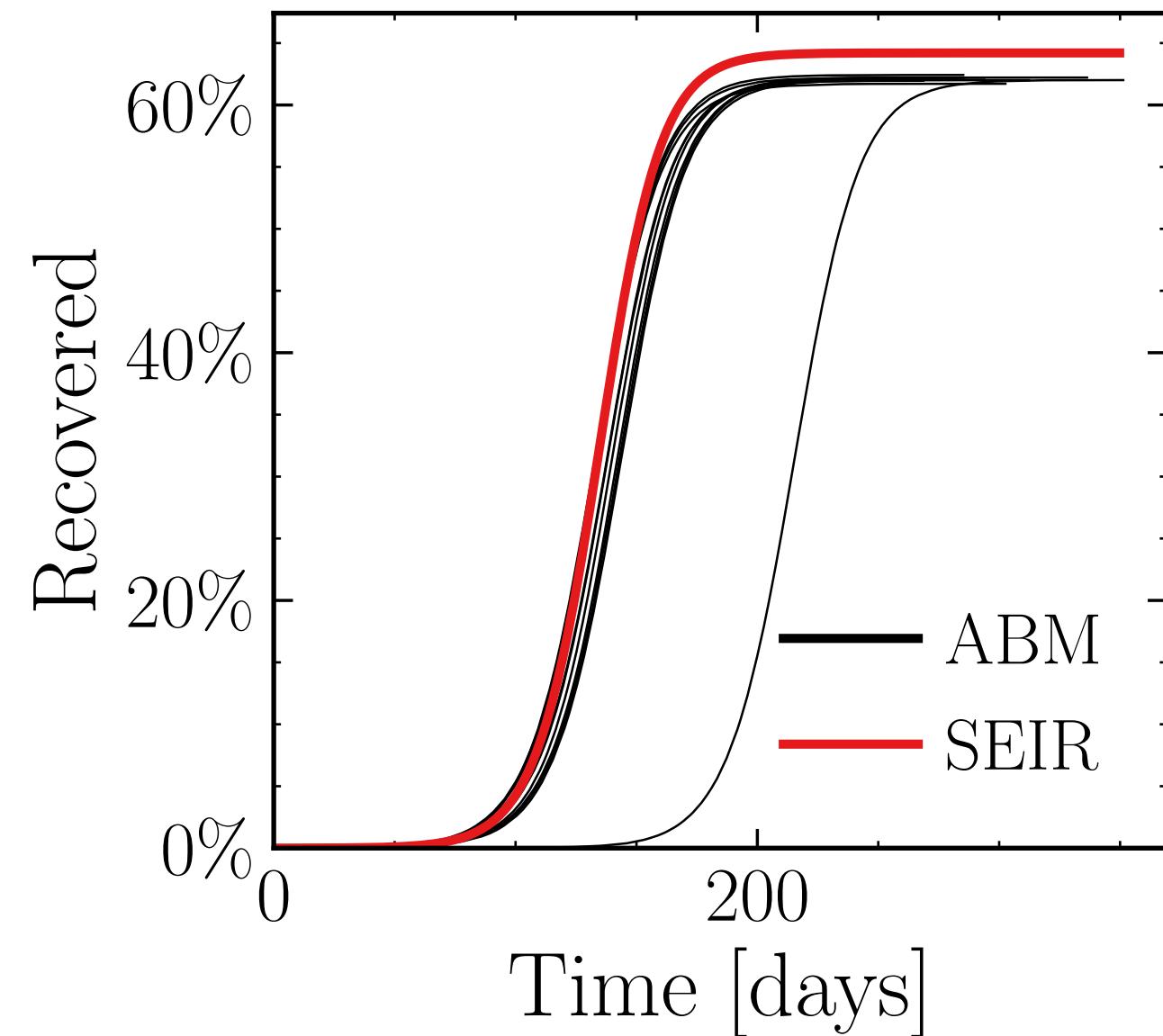
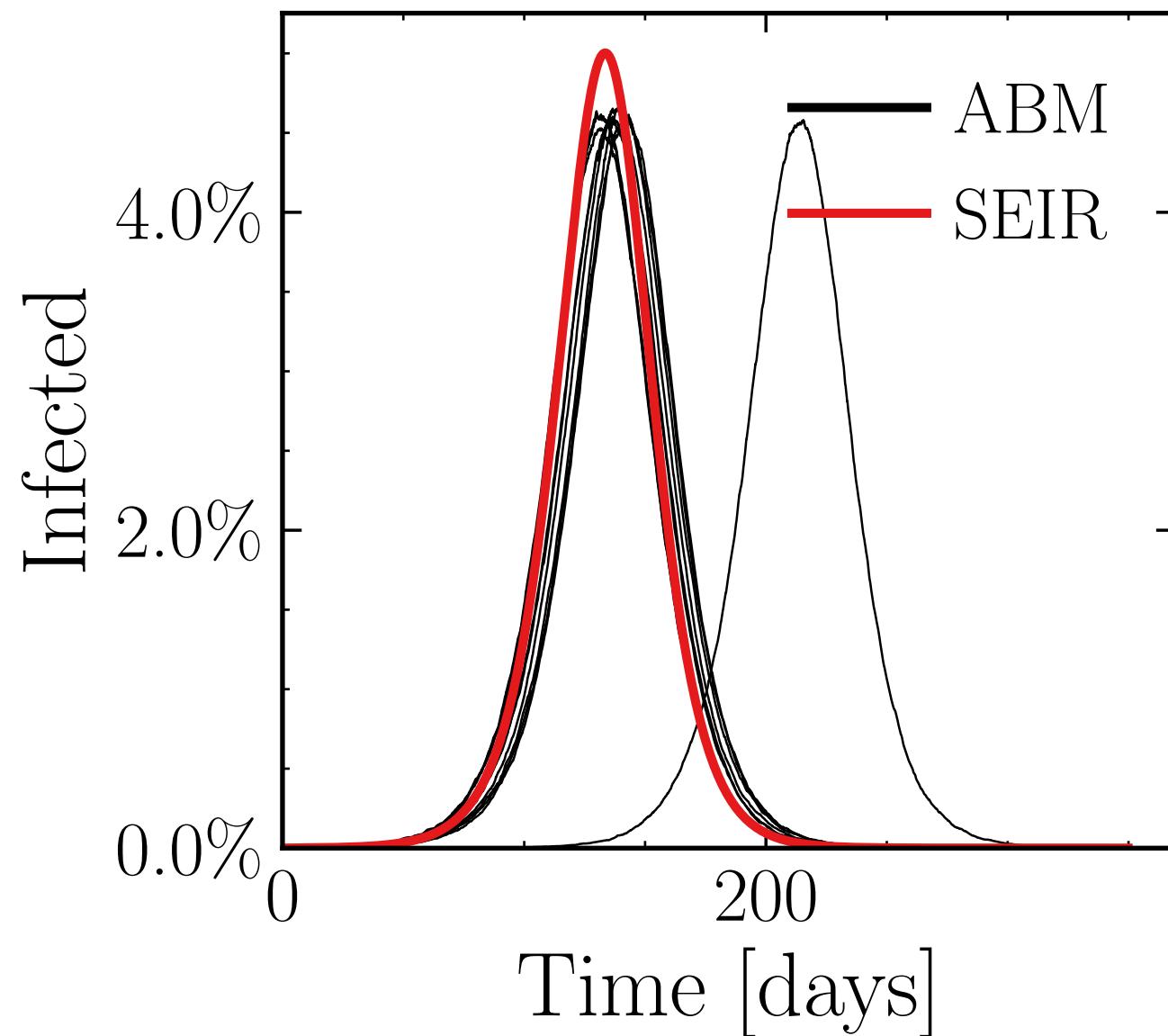
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (26.71 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = 0b0c15166d, #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, $N_{\text{init}} = 1K$

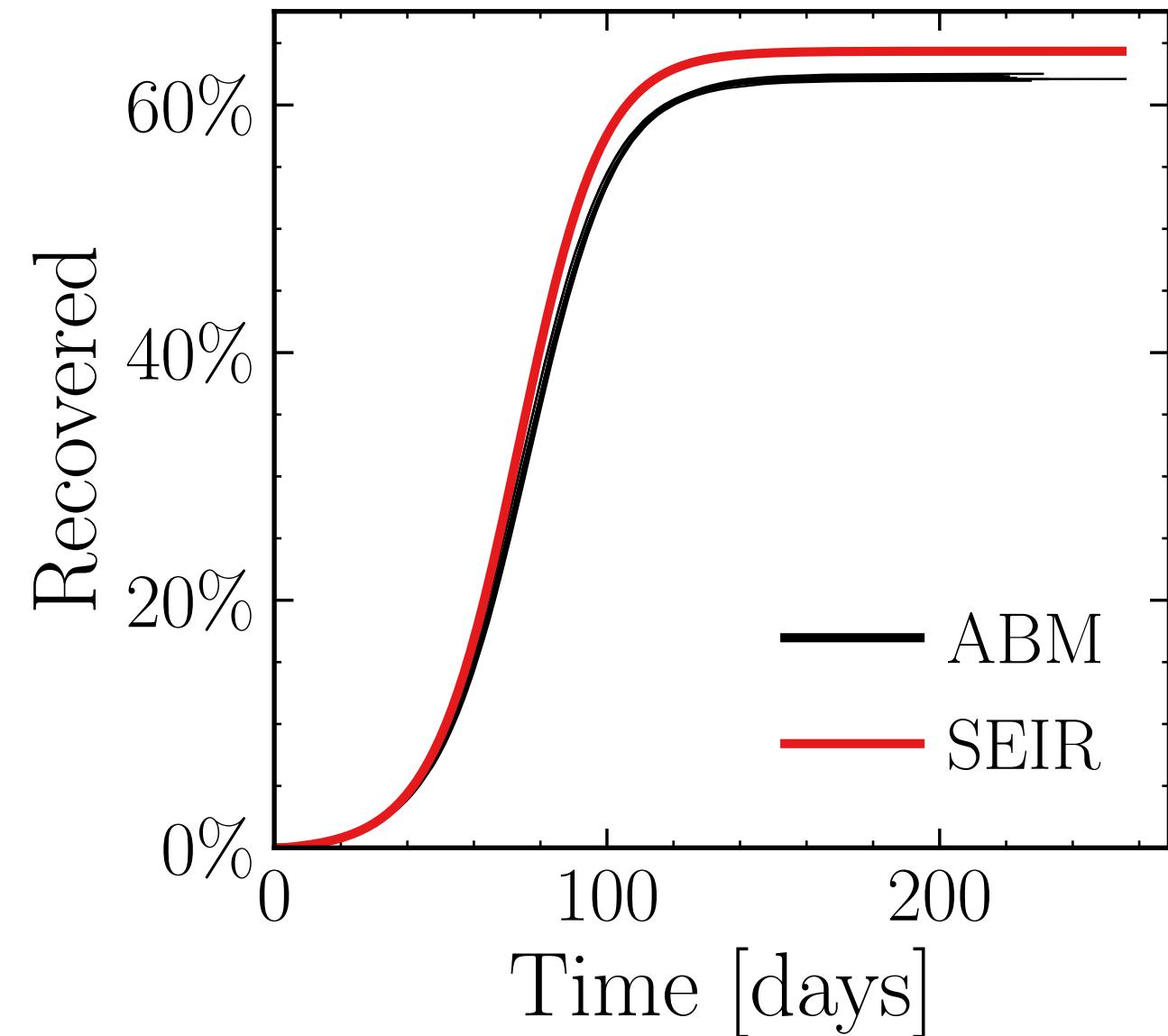
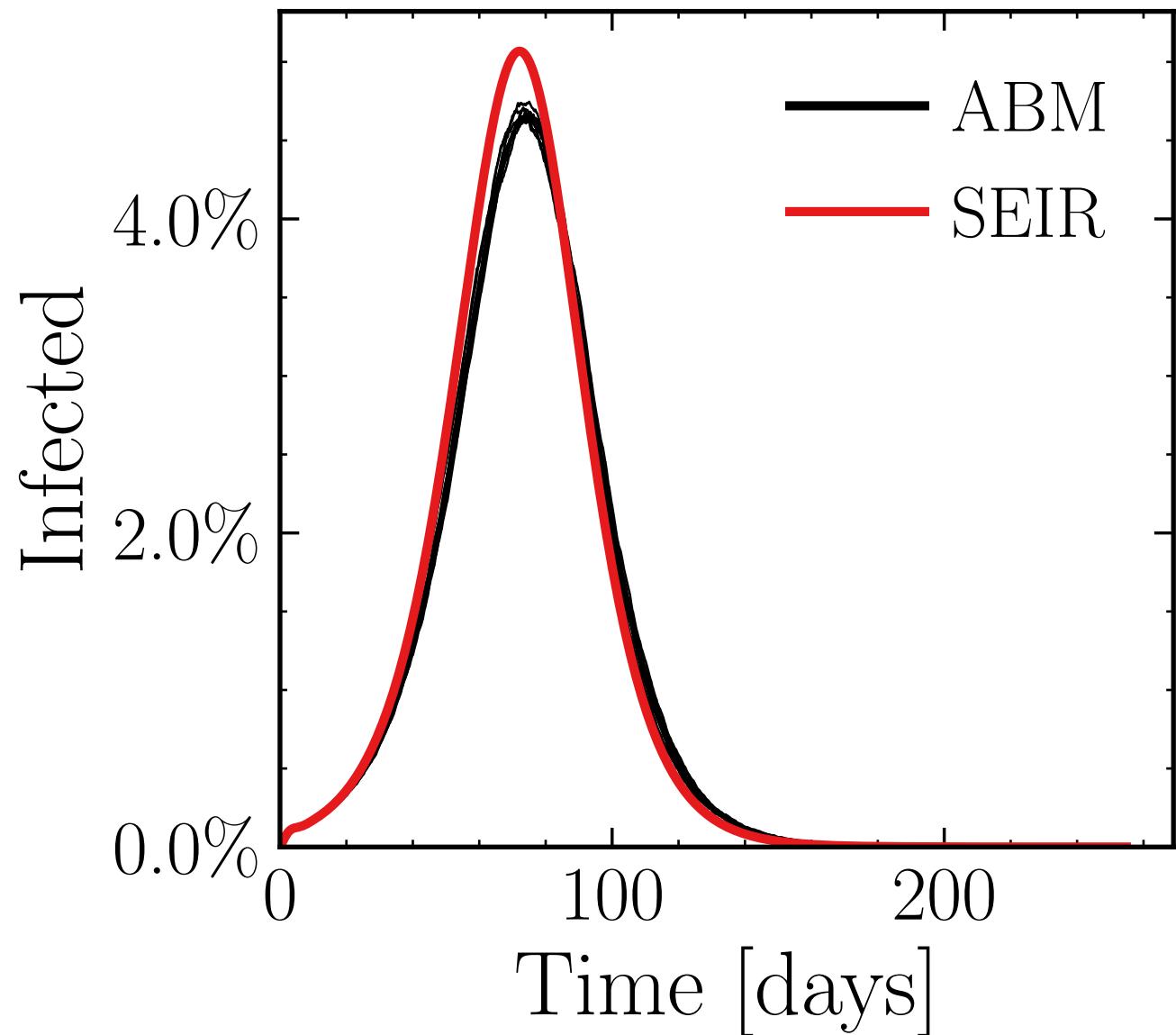
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (27.14 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 2f146d2411, #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, $N_{\text{init}} = 10K$

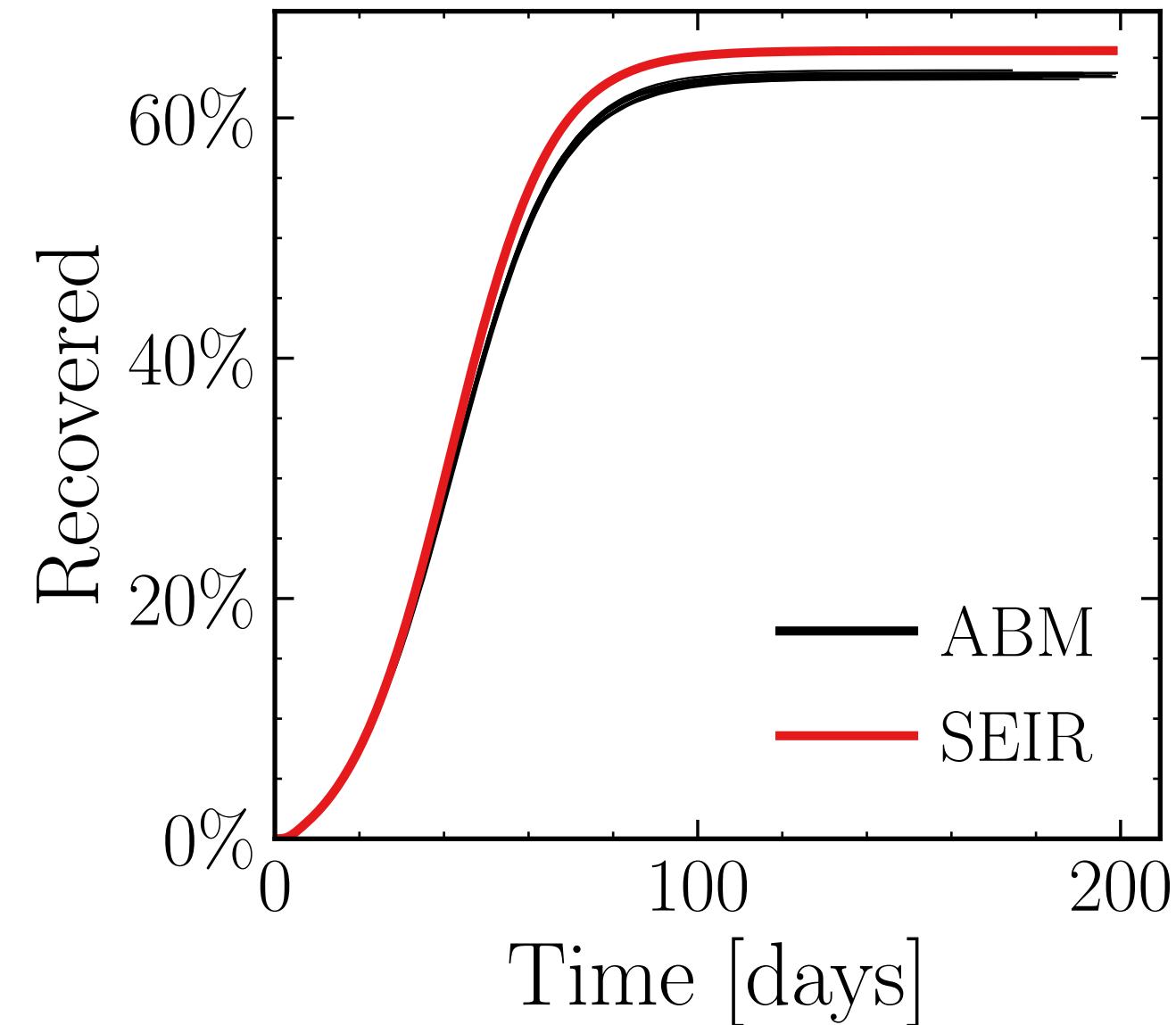
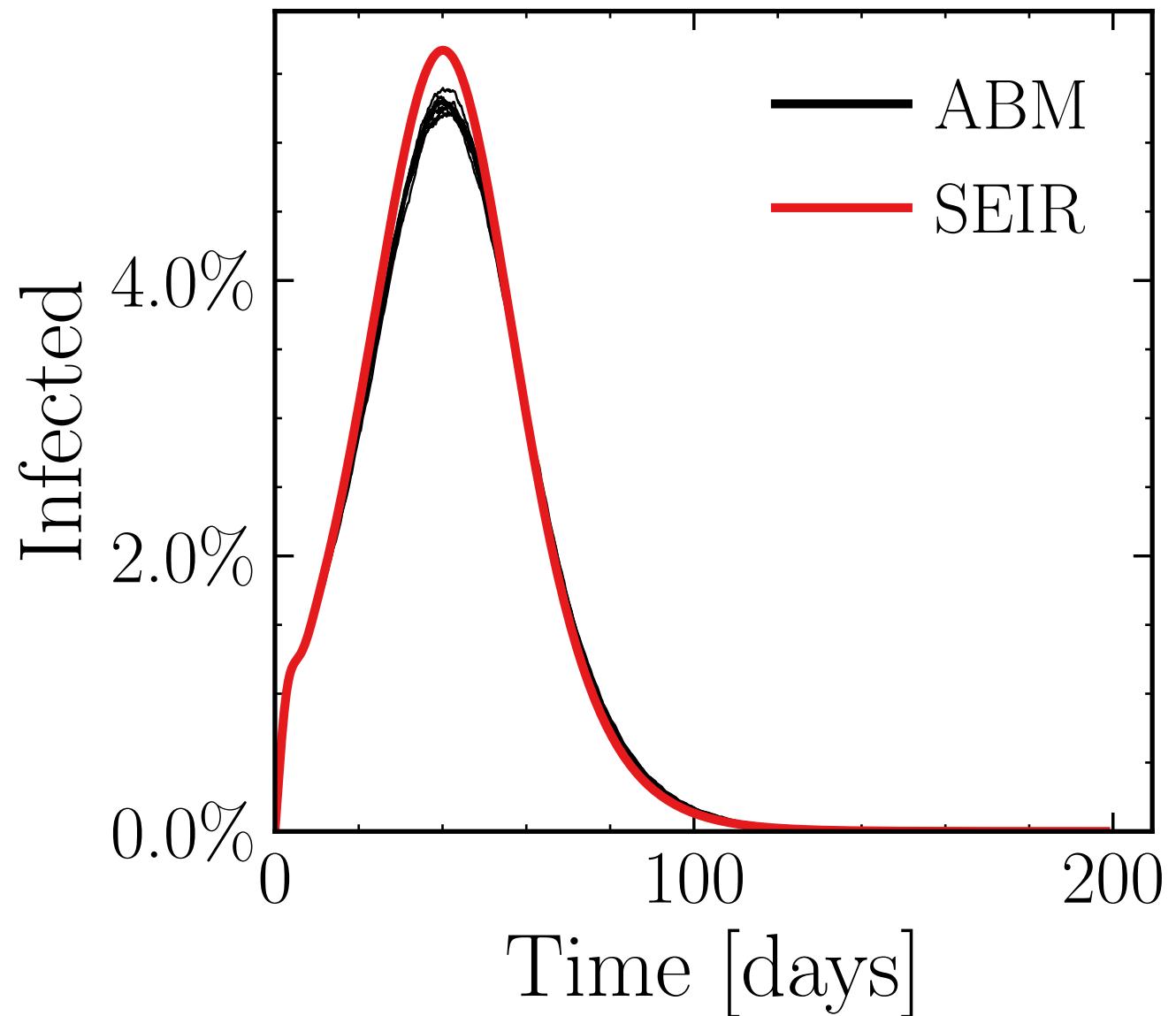
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (30.72 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = 7fca4dcd4c, #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, $N_{\text{init}} = 100$

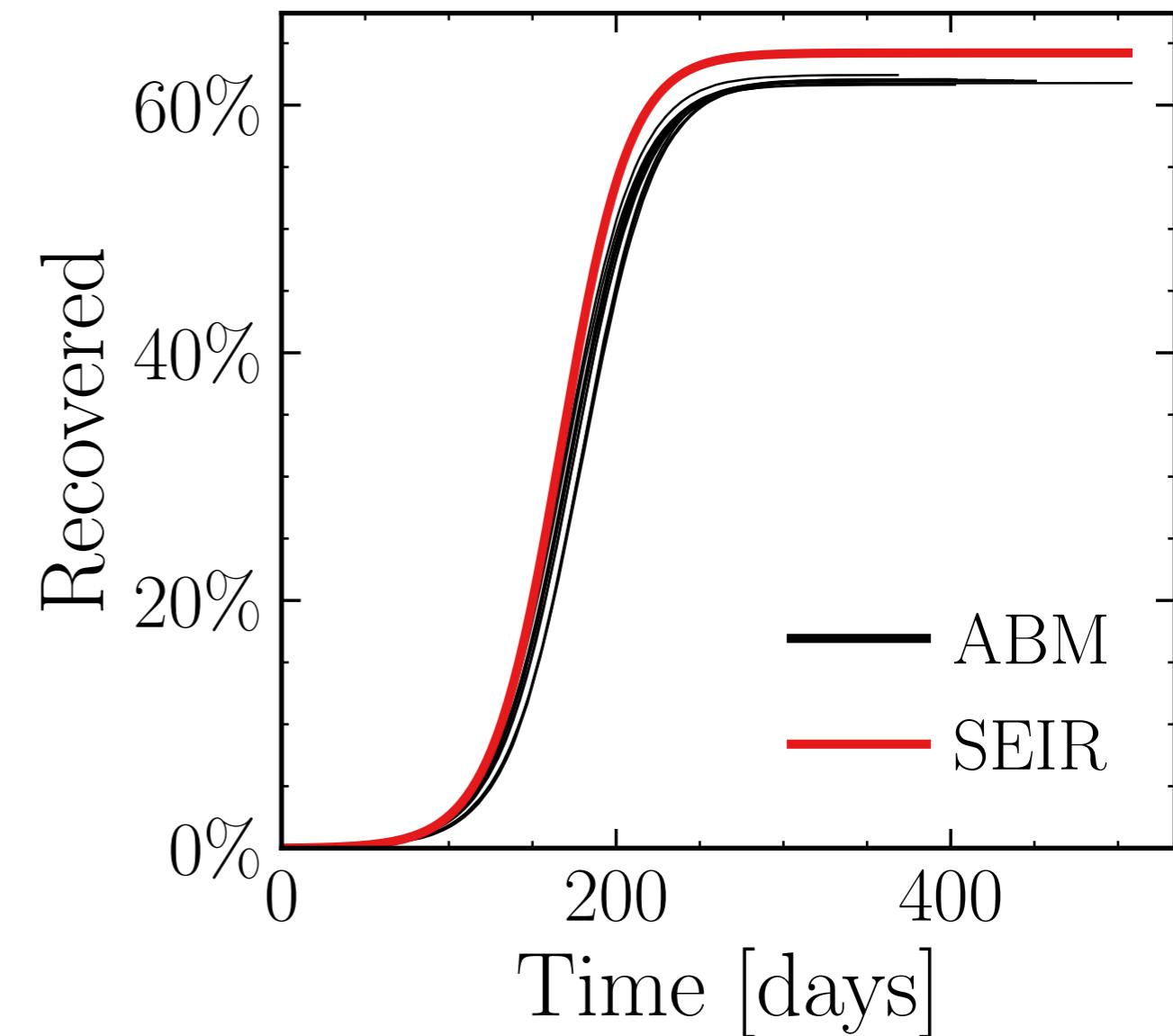
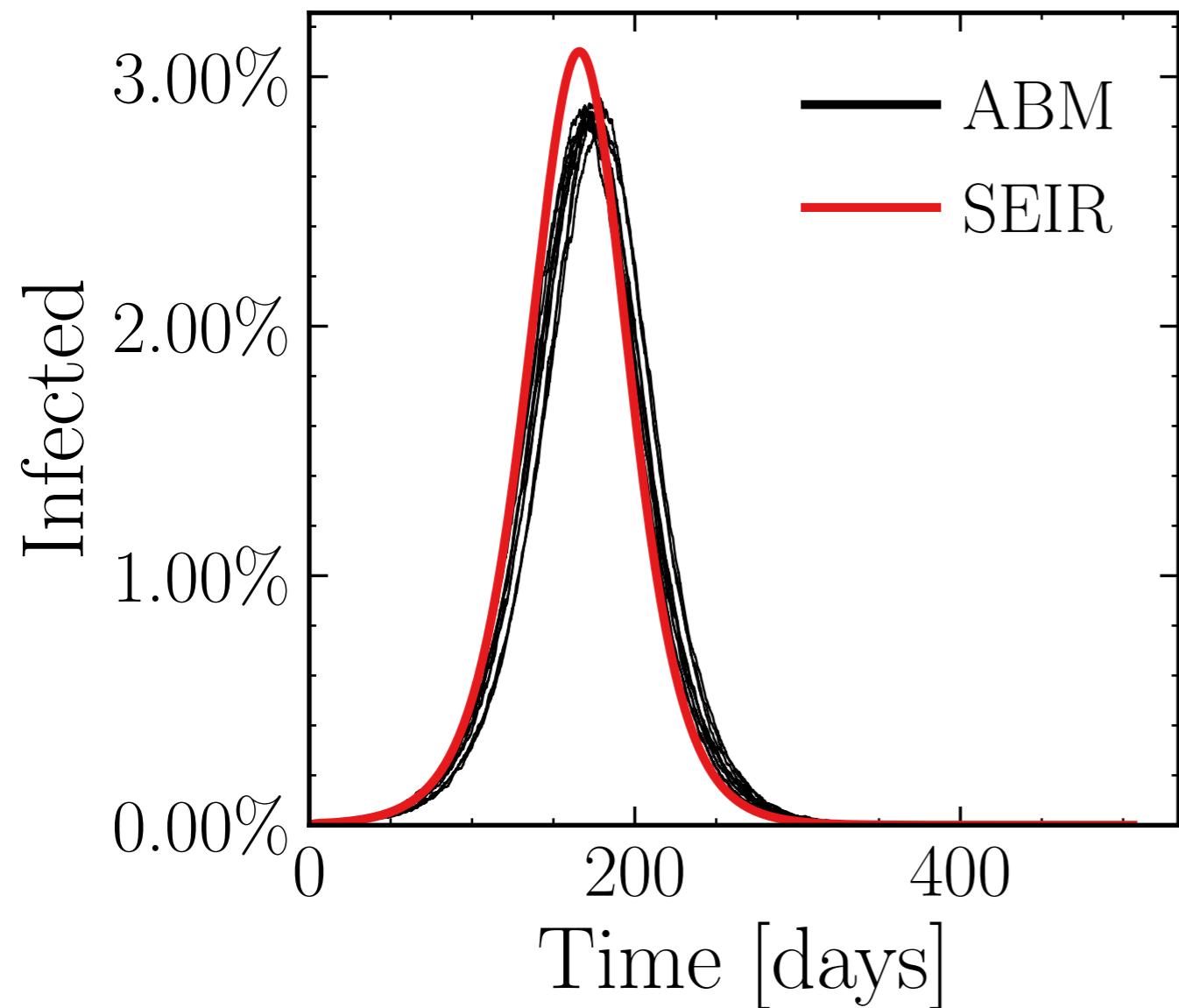
$\lambda_E = 0.5$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (16.57 \pm 0.36\%) \cdot 10^3$

v. = 1.0, hash = 89bd9d5c8e, #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, $N_{\text{init}} = 100$

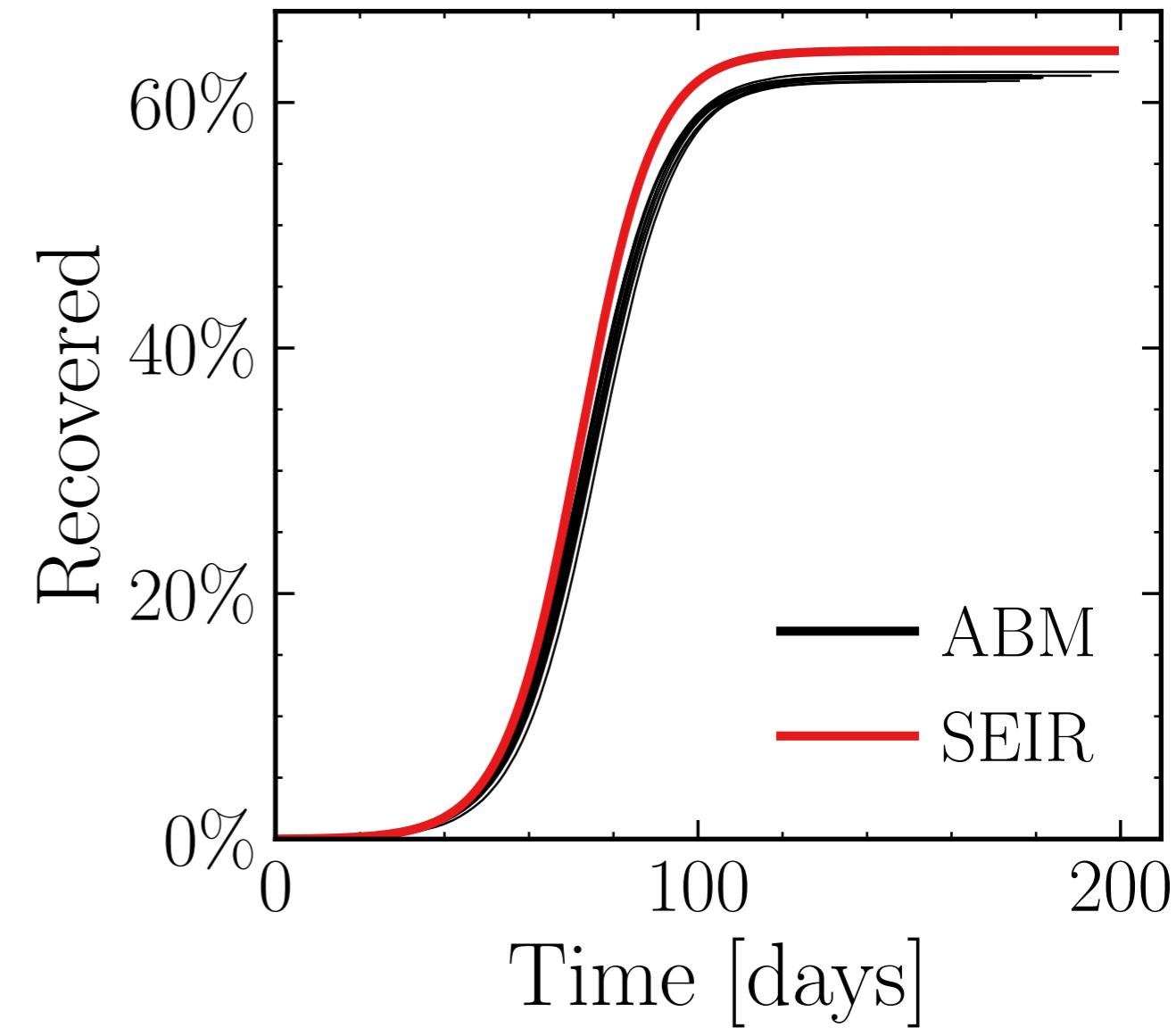
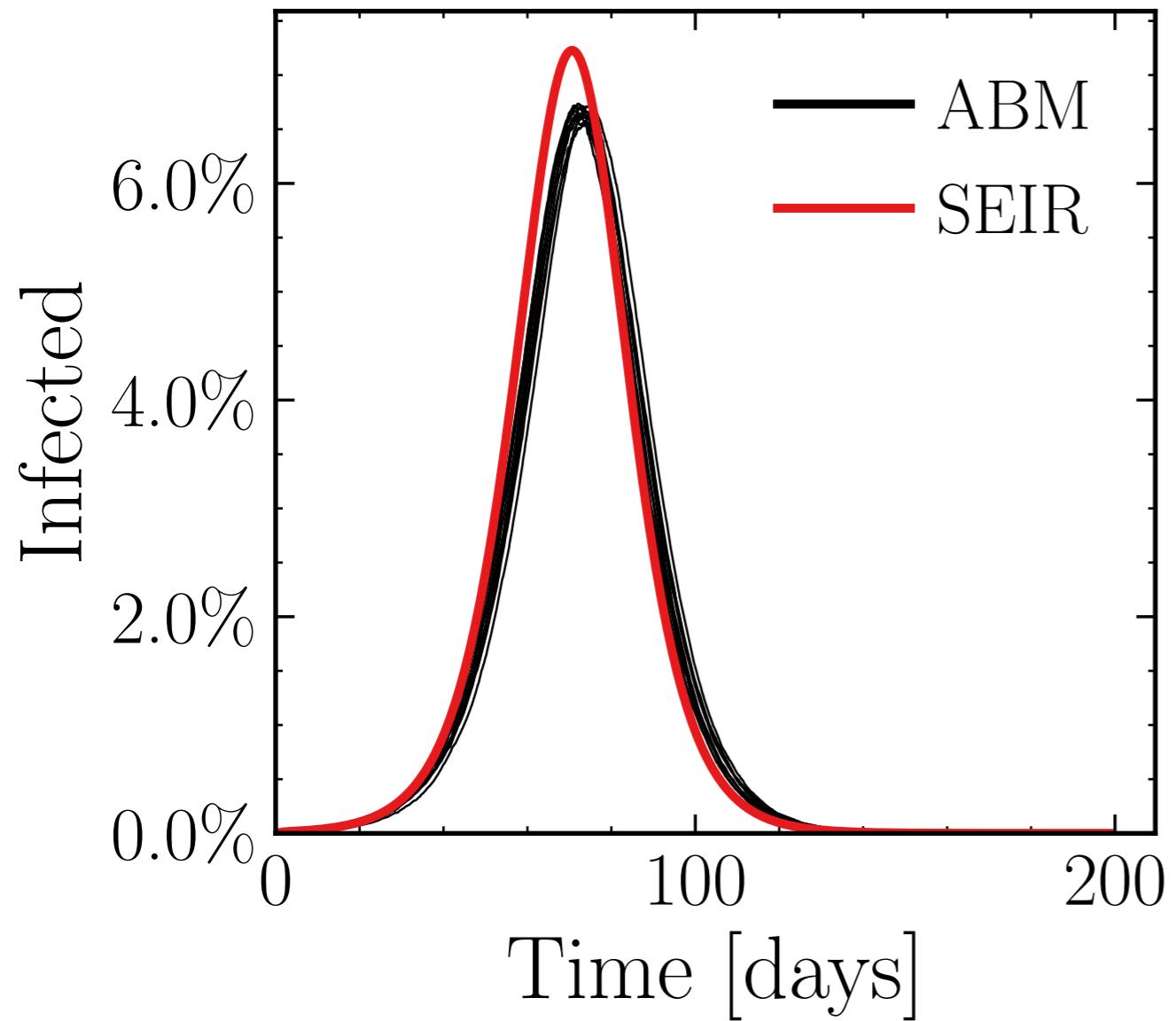
$\lambda_E = 2.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retries}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (38.7 \pm 0.29\%) \cdot 10^3$

v. = 1.0, hash = d5ee8bfc32, #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, $N_{\text{init}} = 100$

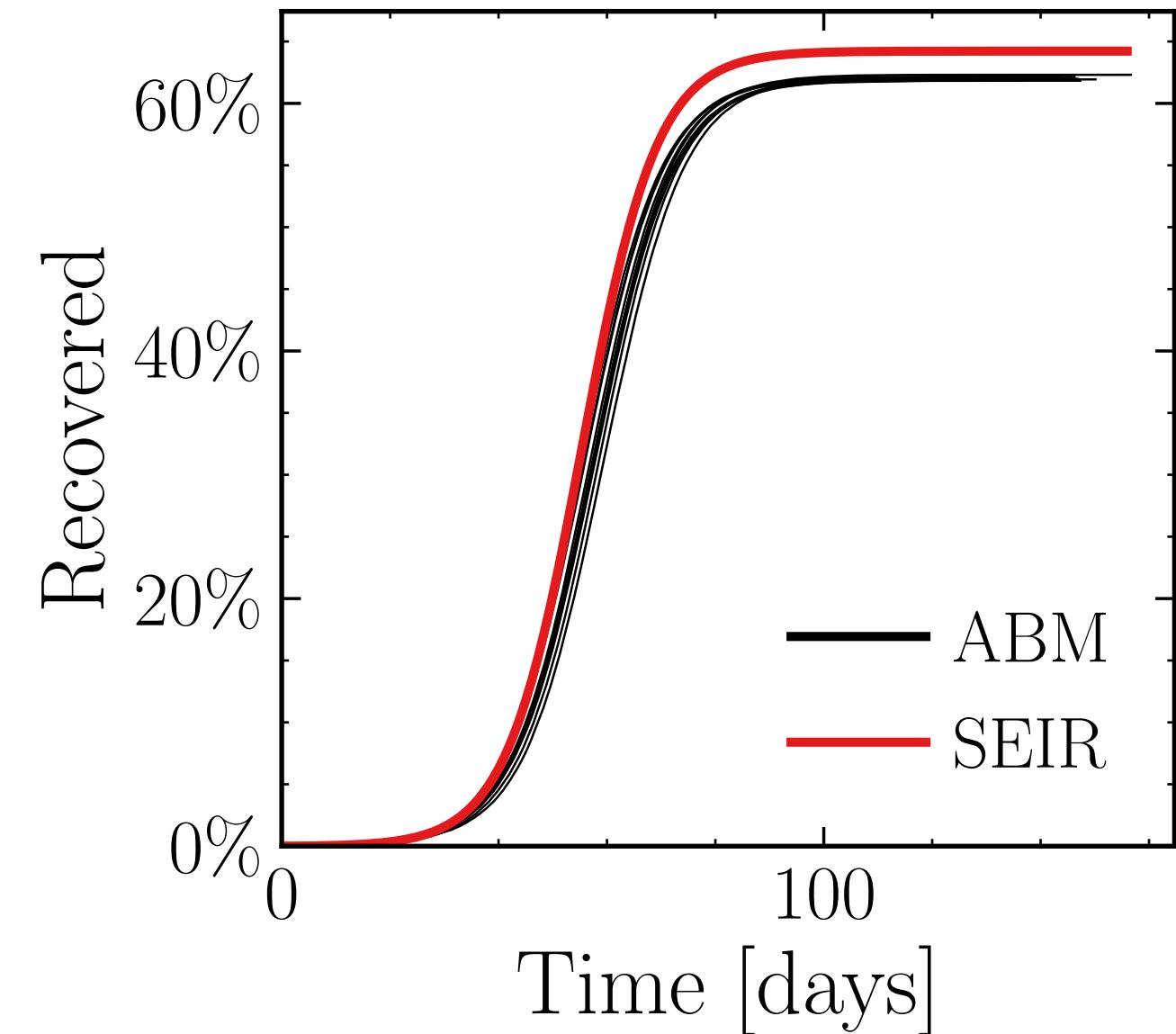
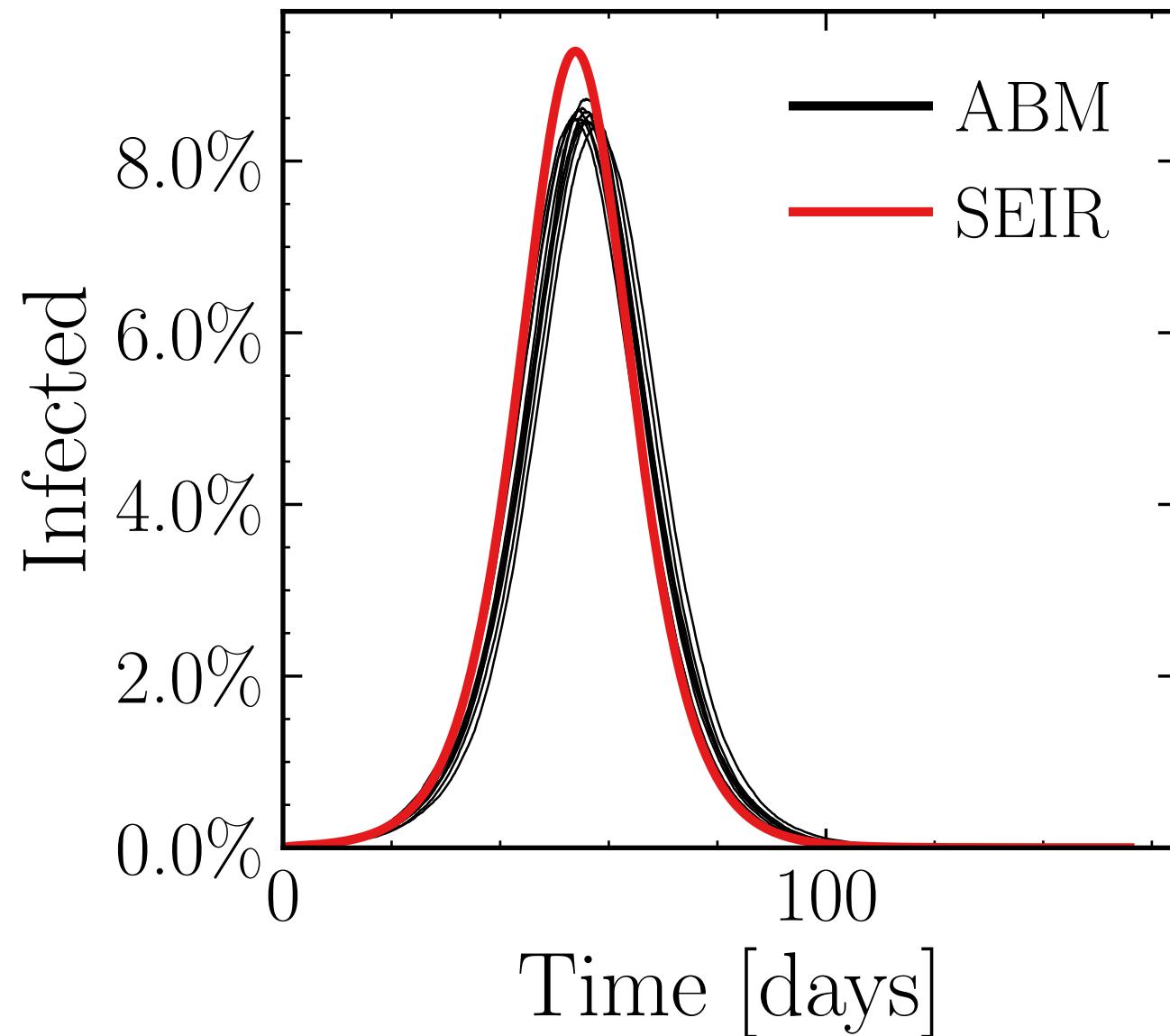
$\lambda_E = 4.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

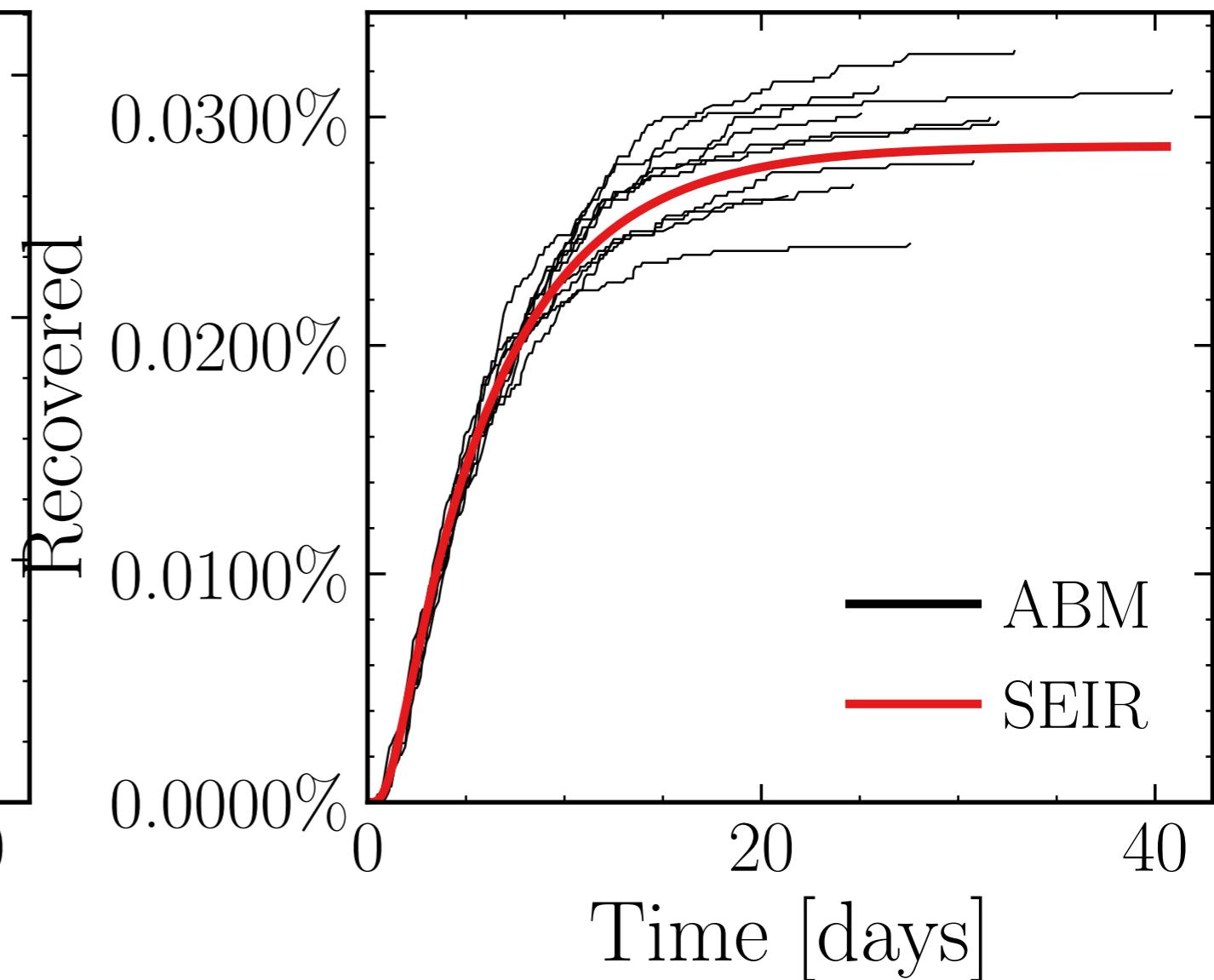
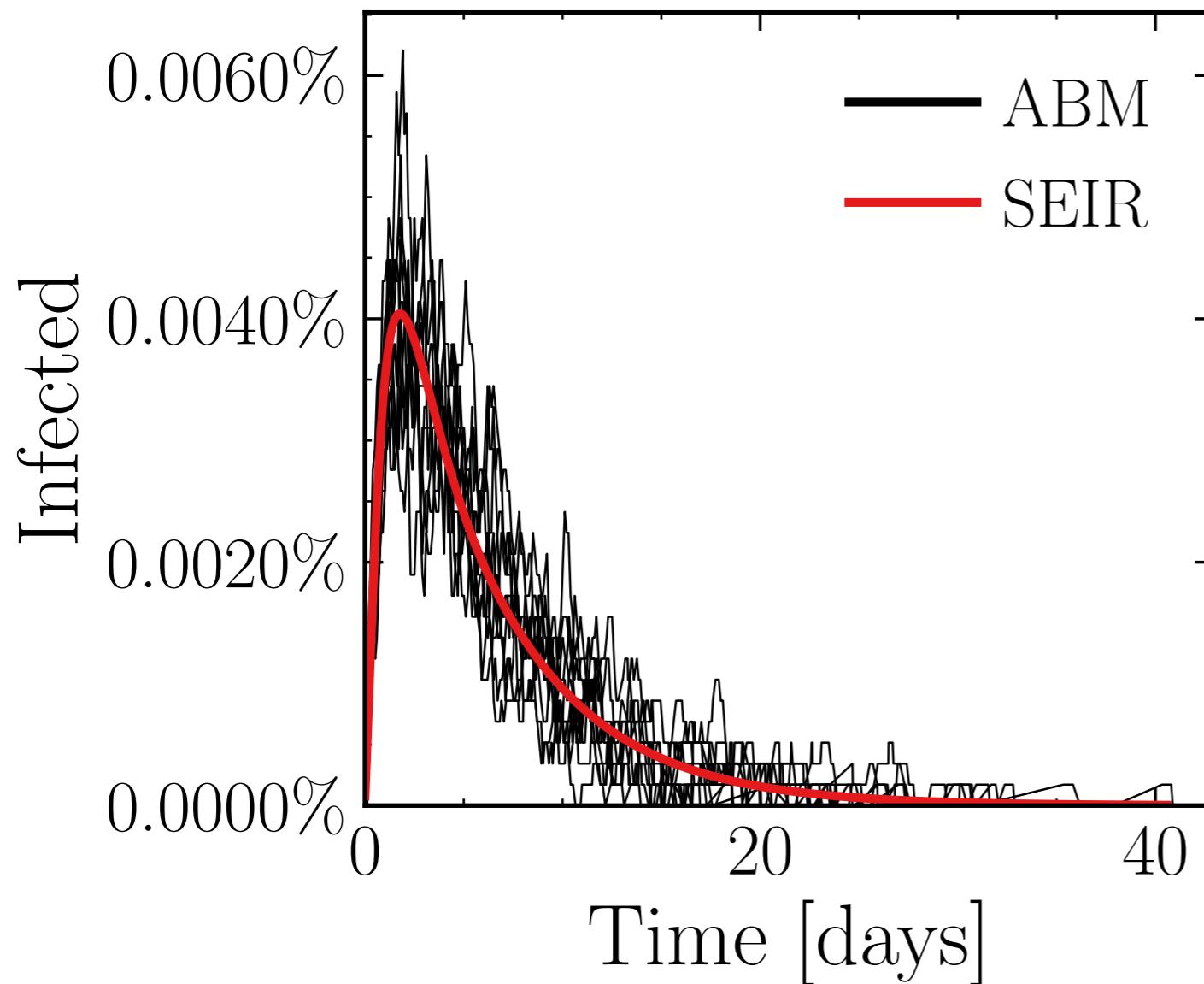
$I_{\text{peak}}^{\text{ABM}} = (49.5 \pm 0.33\%) \cdot 10^3$

v. = 1.0, hash = 2226ba3955, #10

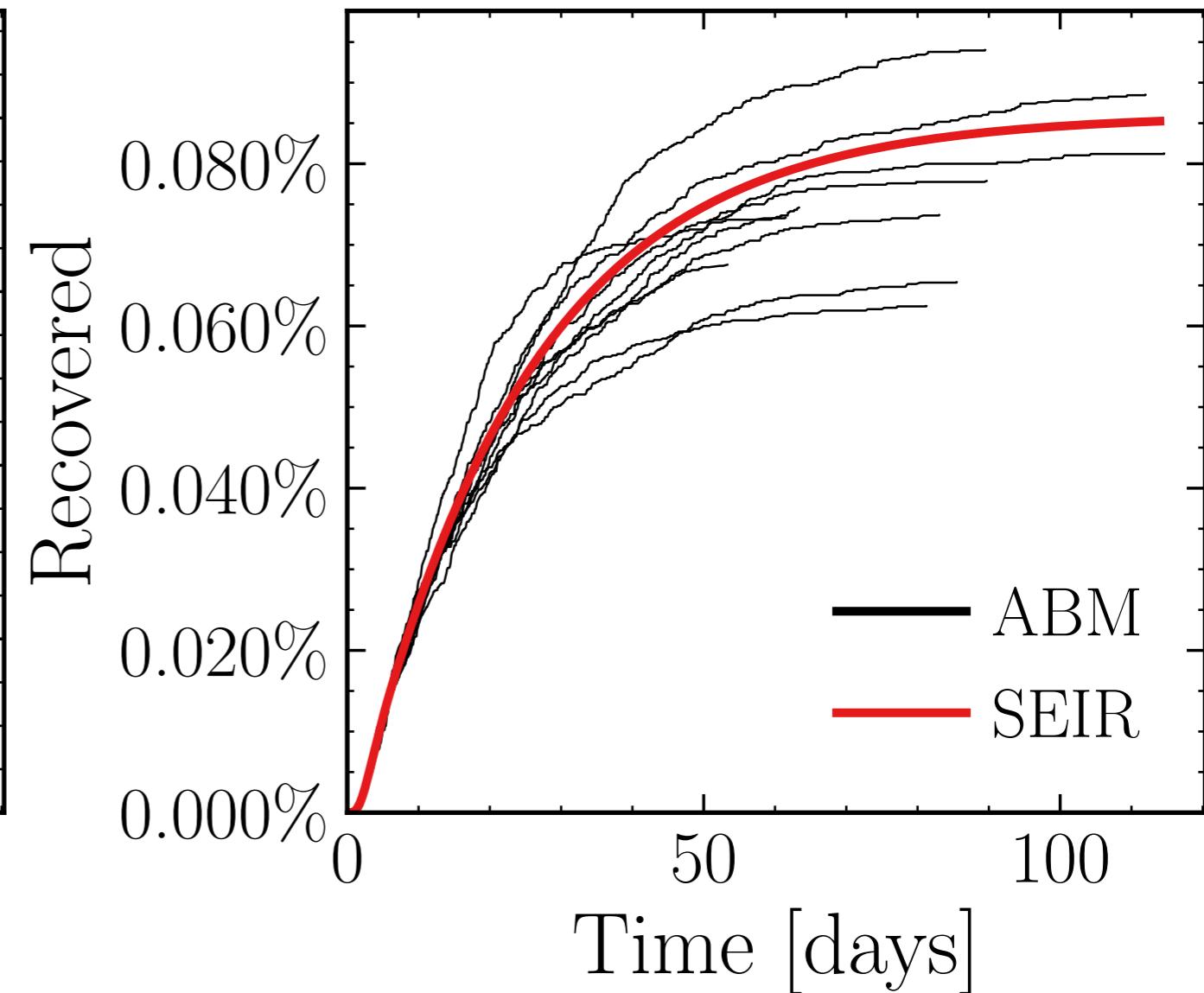
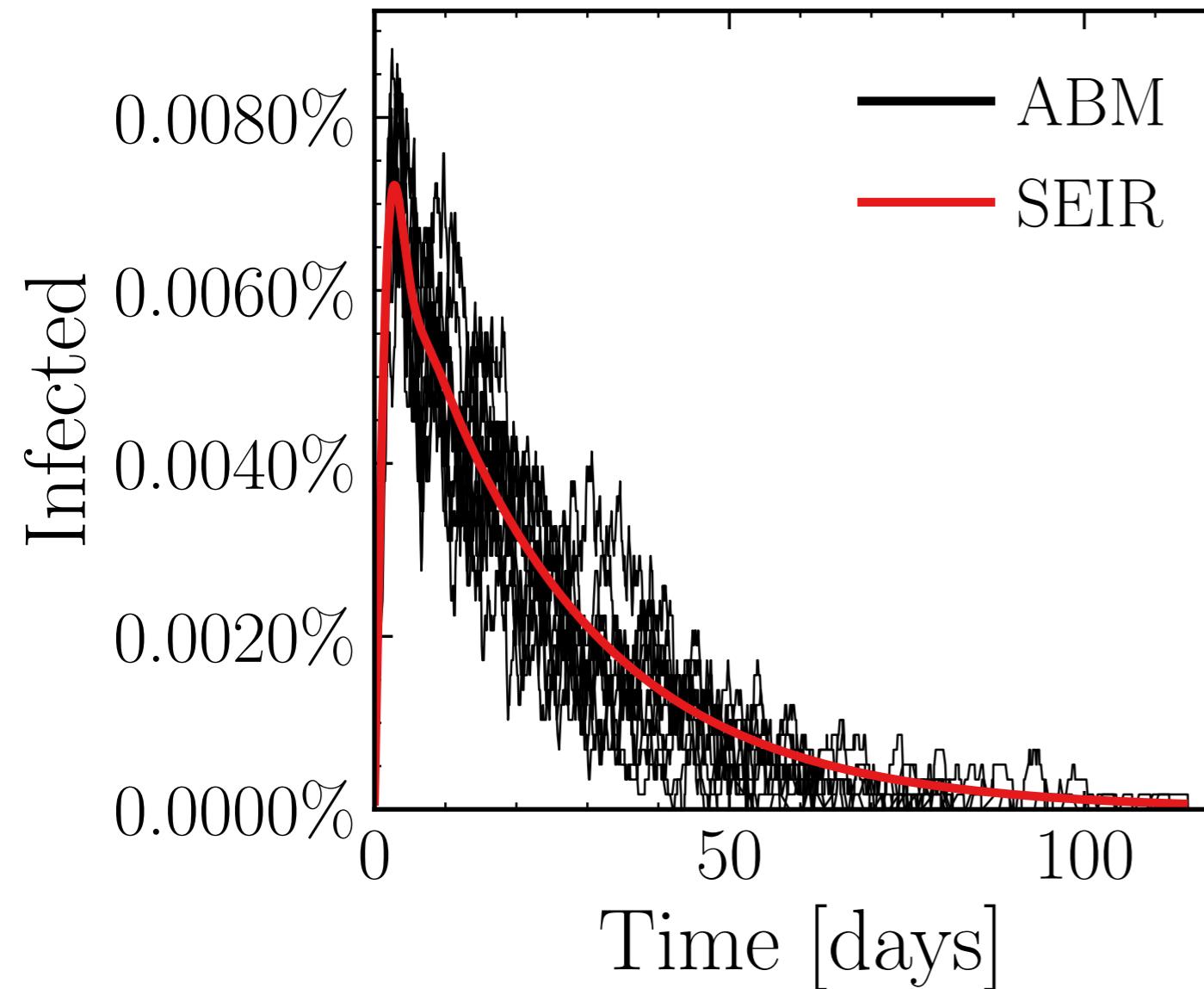
$R_\infty^{\text{ABM}} = (359.8 \pm 0.073\%) \cdot 10^3$



$N_{\text{tot}} = 580K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 4.0$, rand.inf. = True, $N_{\text{connect}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (28 \pm 4.2\%)$. v. = 1.0, hash = fb9b1380cf, #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, $N_{\text{init}} = 100$
 $\lambda_E = 1.0$, $\lambda_I = 2.0$, rand.inf. = True, $N_{\text{connect}}^{\text{connect}} = 0$
 $N_{\text{events}} = 0$, event_{size_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (47.3 \pm 1.4\%)$. v. = 1.0, hash = 5daa10a1c5, #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, $N_{\text{init}} = 100$

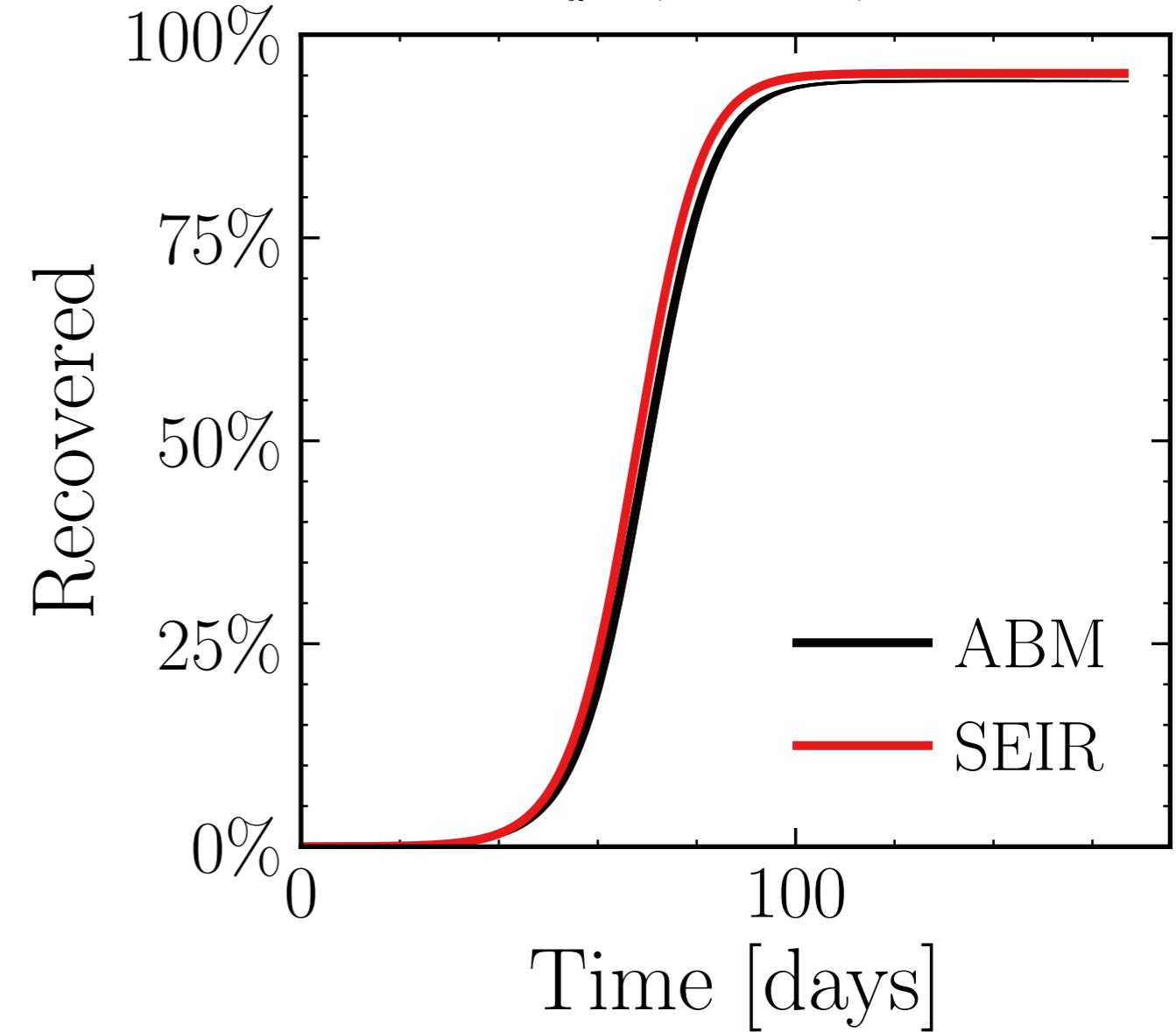
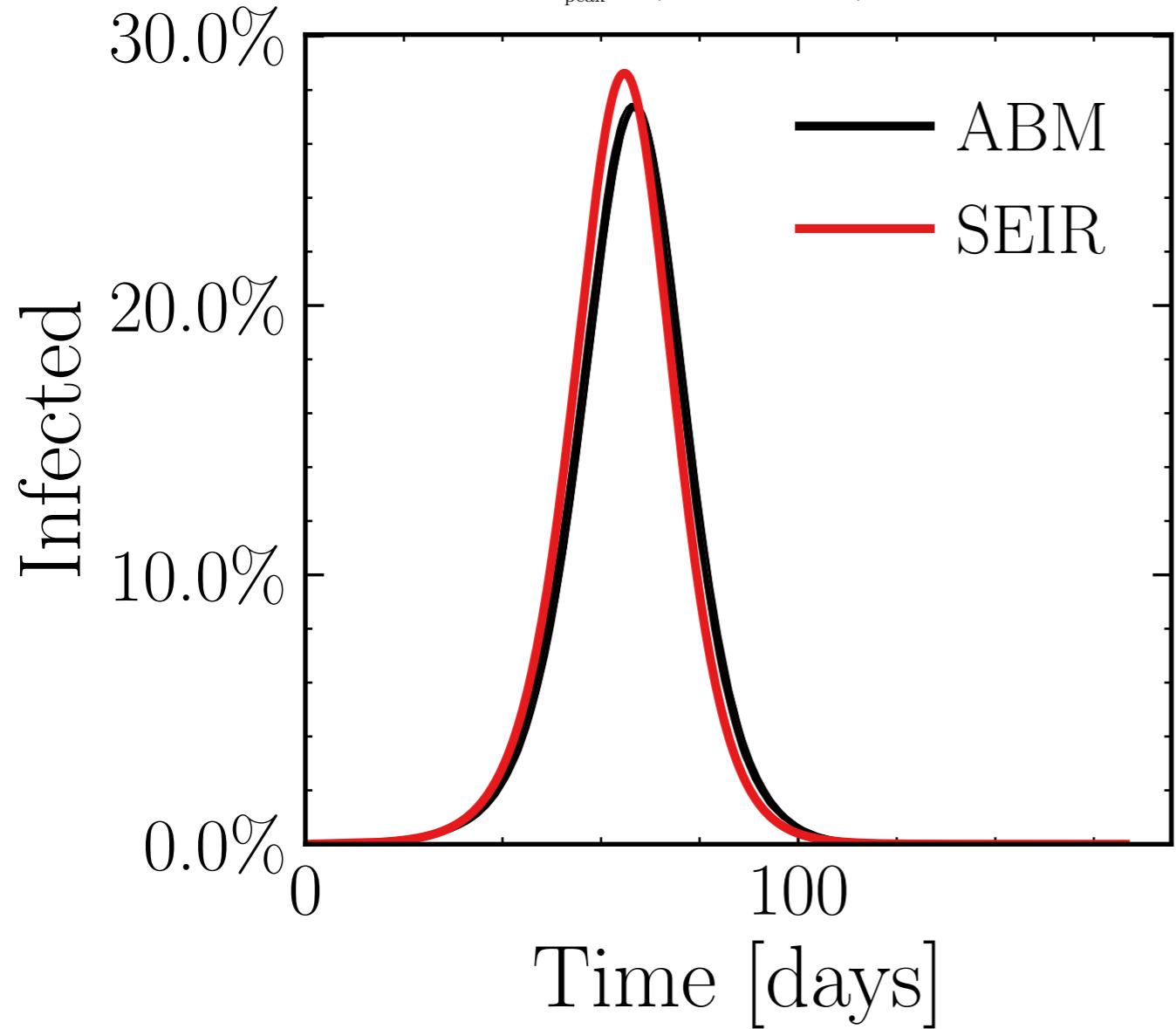
$\lambda_E = 1.0$, $\lambda_I = 0.5$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (159.01 \pm 0.051\%) \cdot 10^3$

v. = 1.0, hash = d3ce9b609b, #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, $N_{\text{init}} = 100$

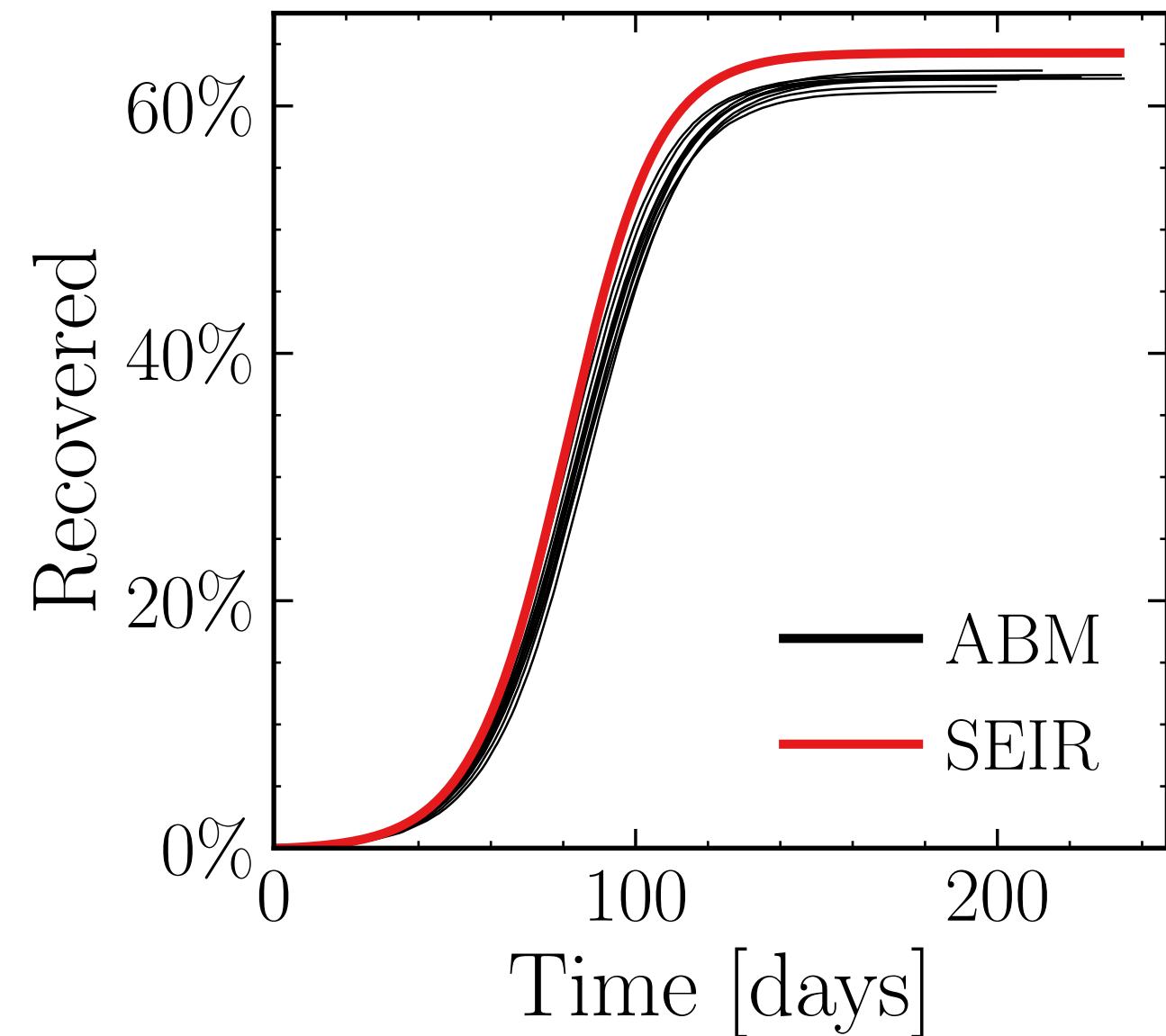
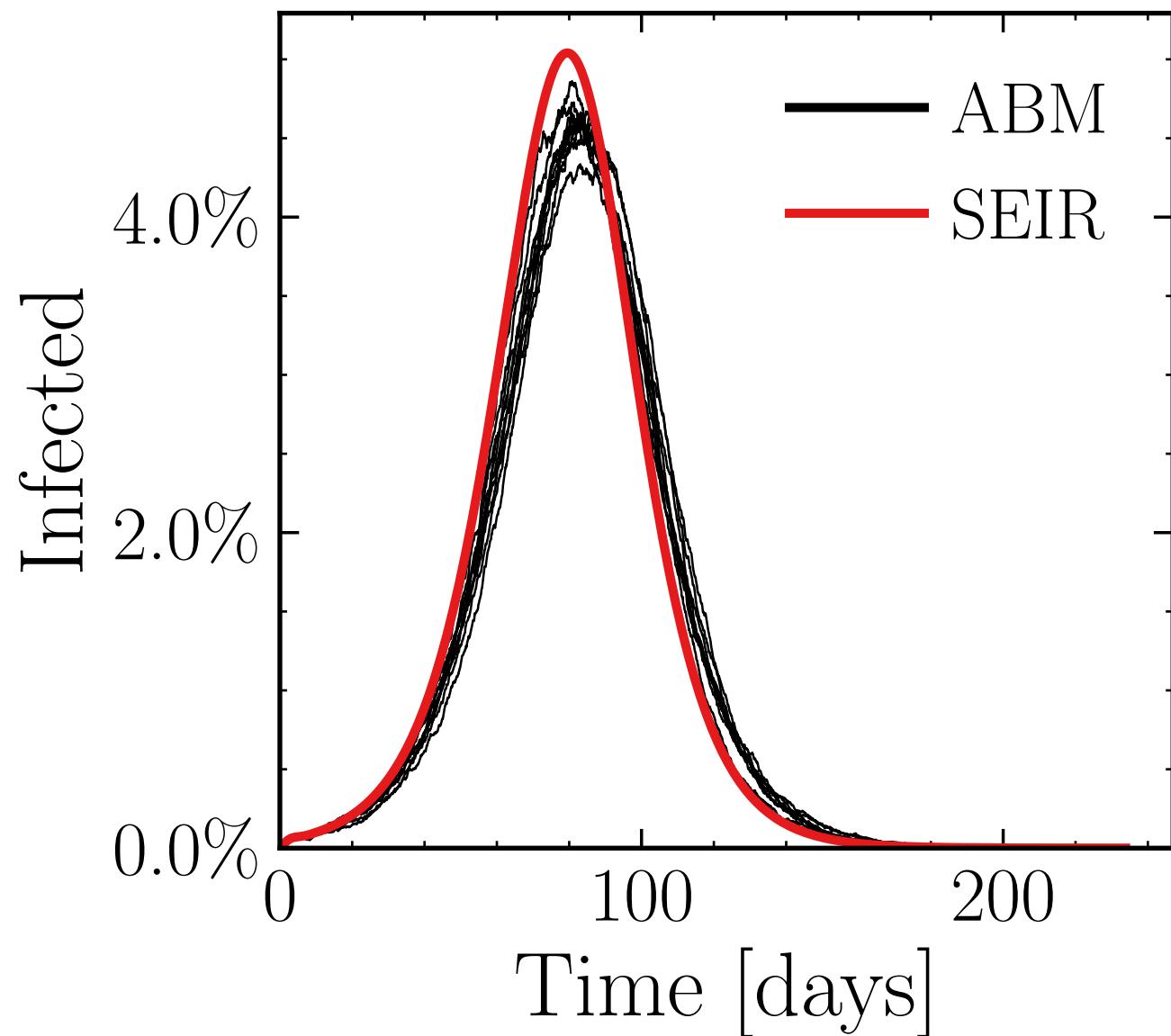
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

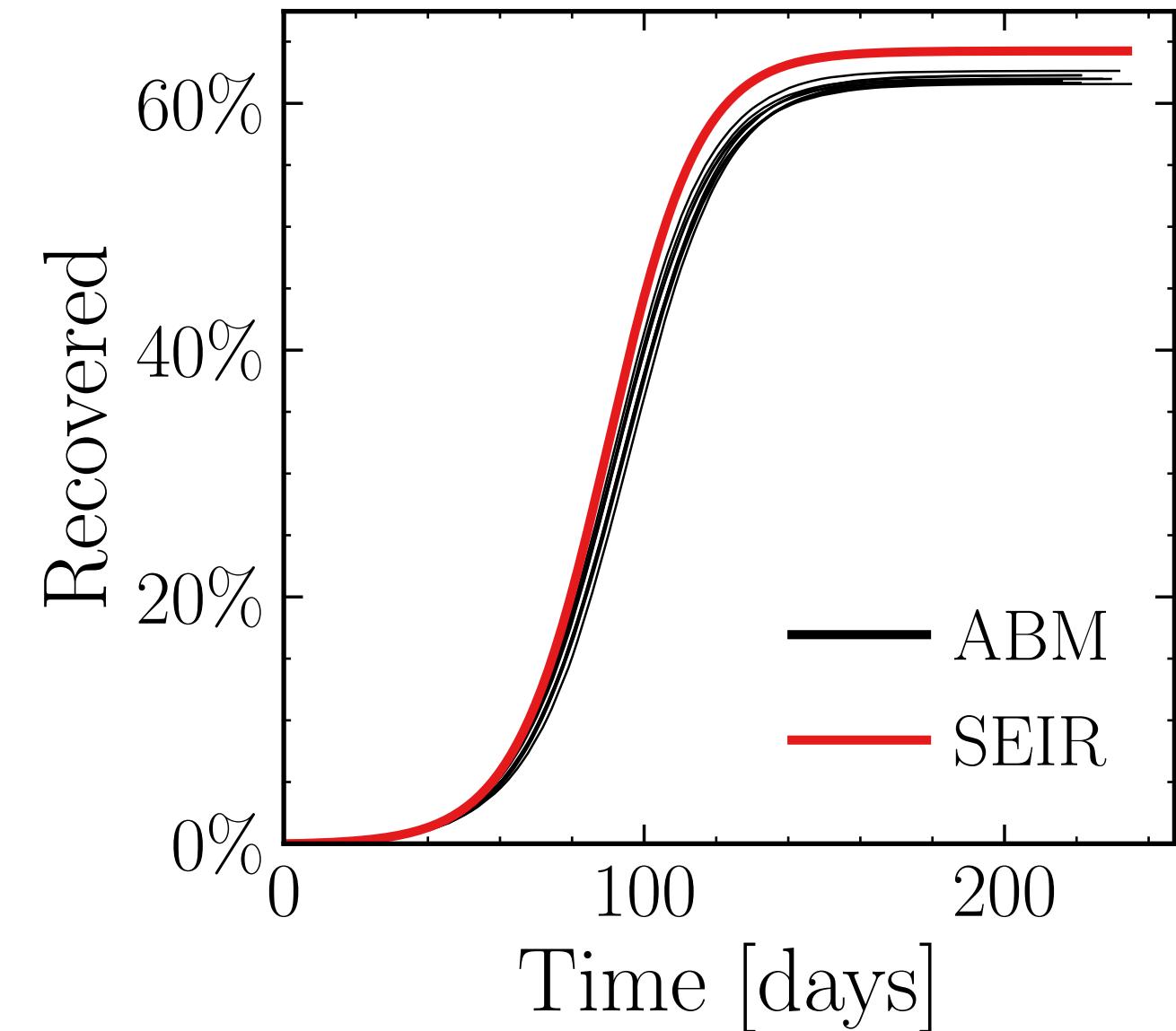
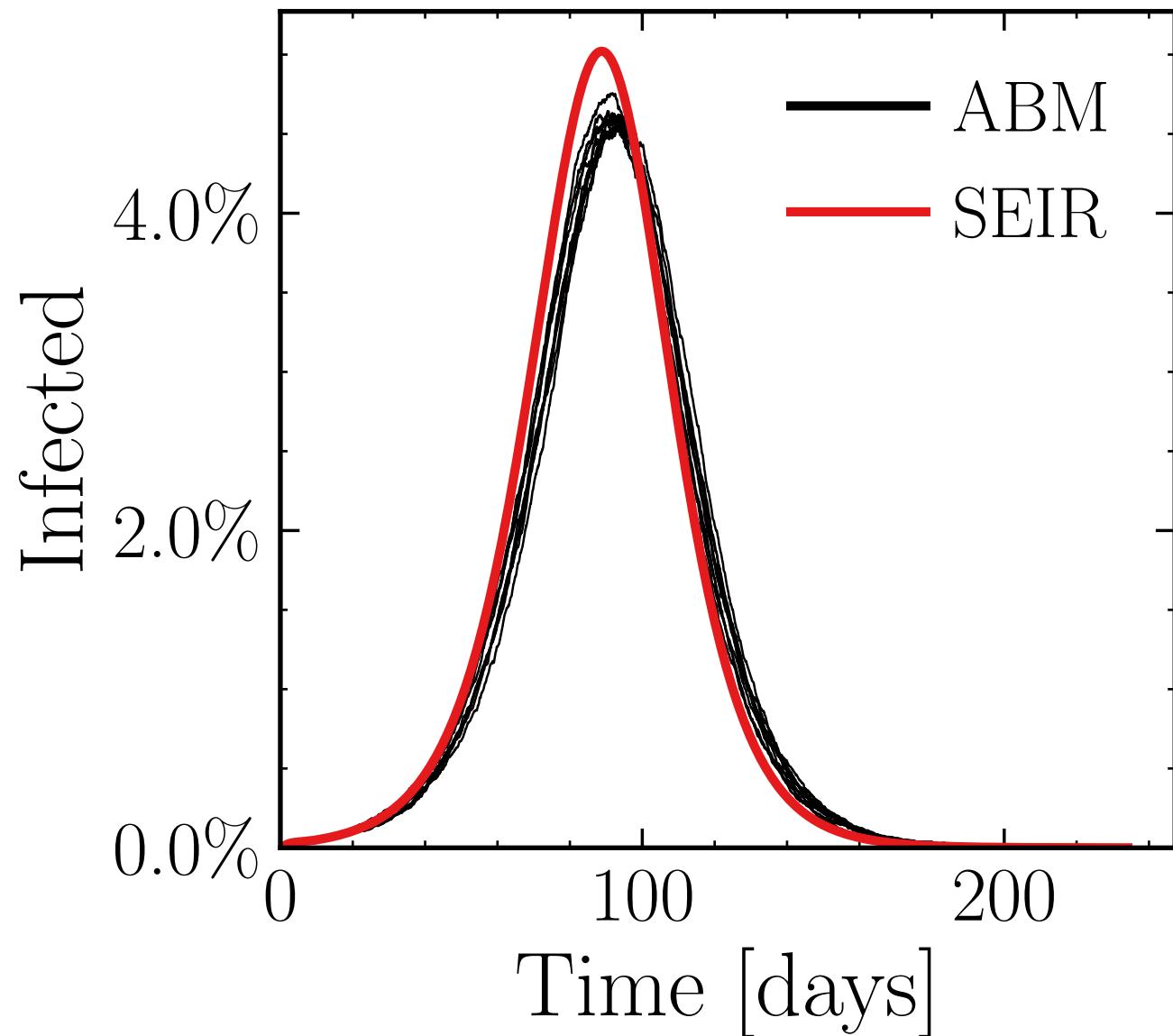
$I_{\text{peak}}^{\text{ABM}} = (4.63 \pm 0.89\%) \cdot 10^3$

v. = 1.0, hash = 57217edb67, #10

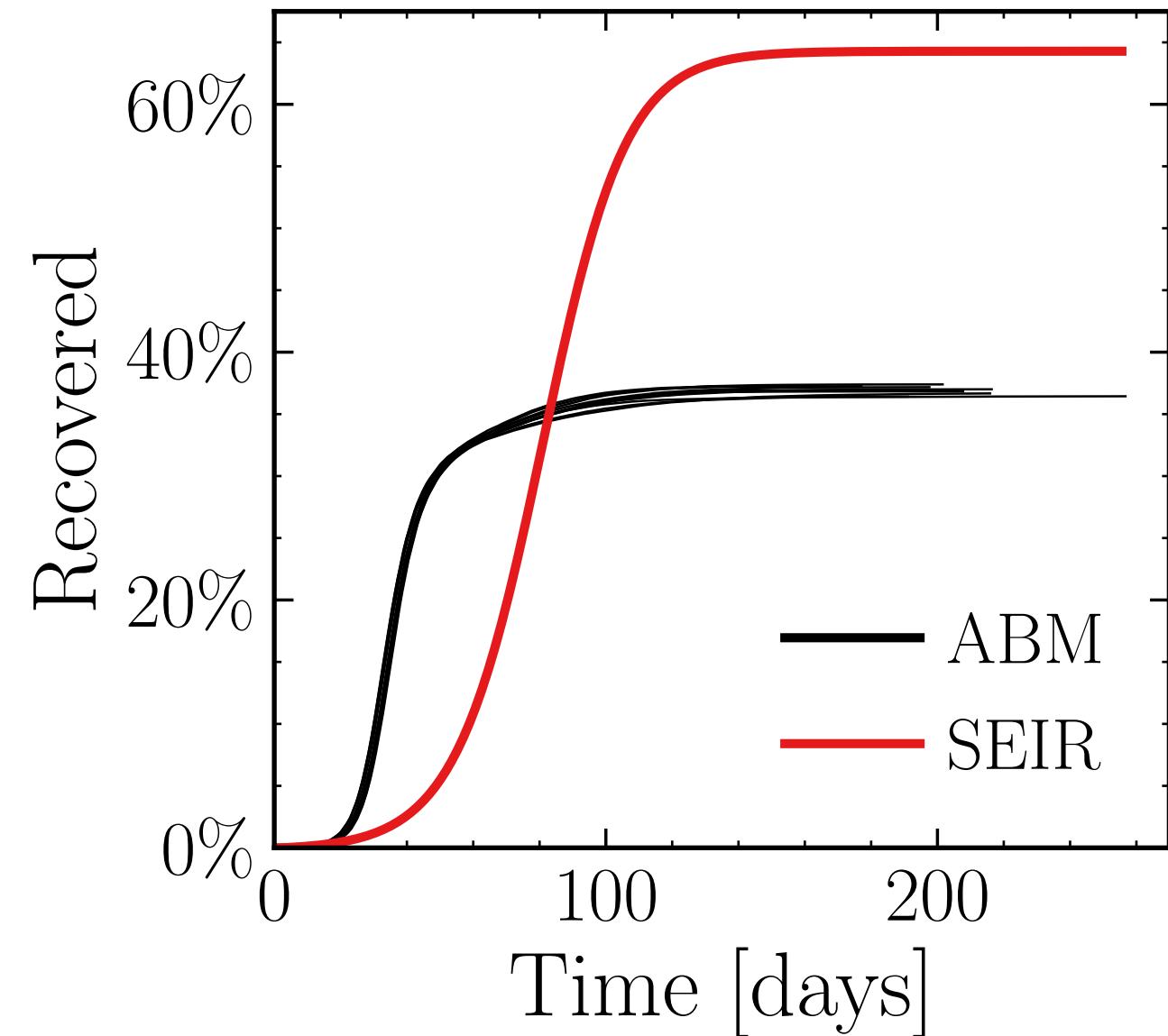
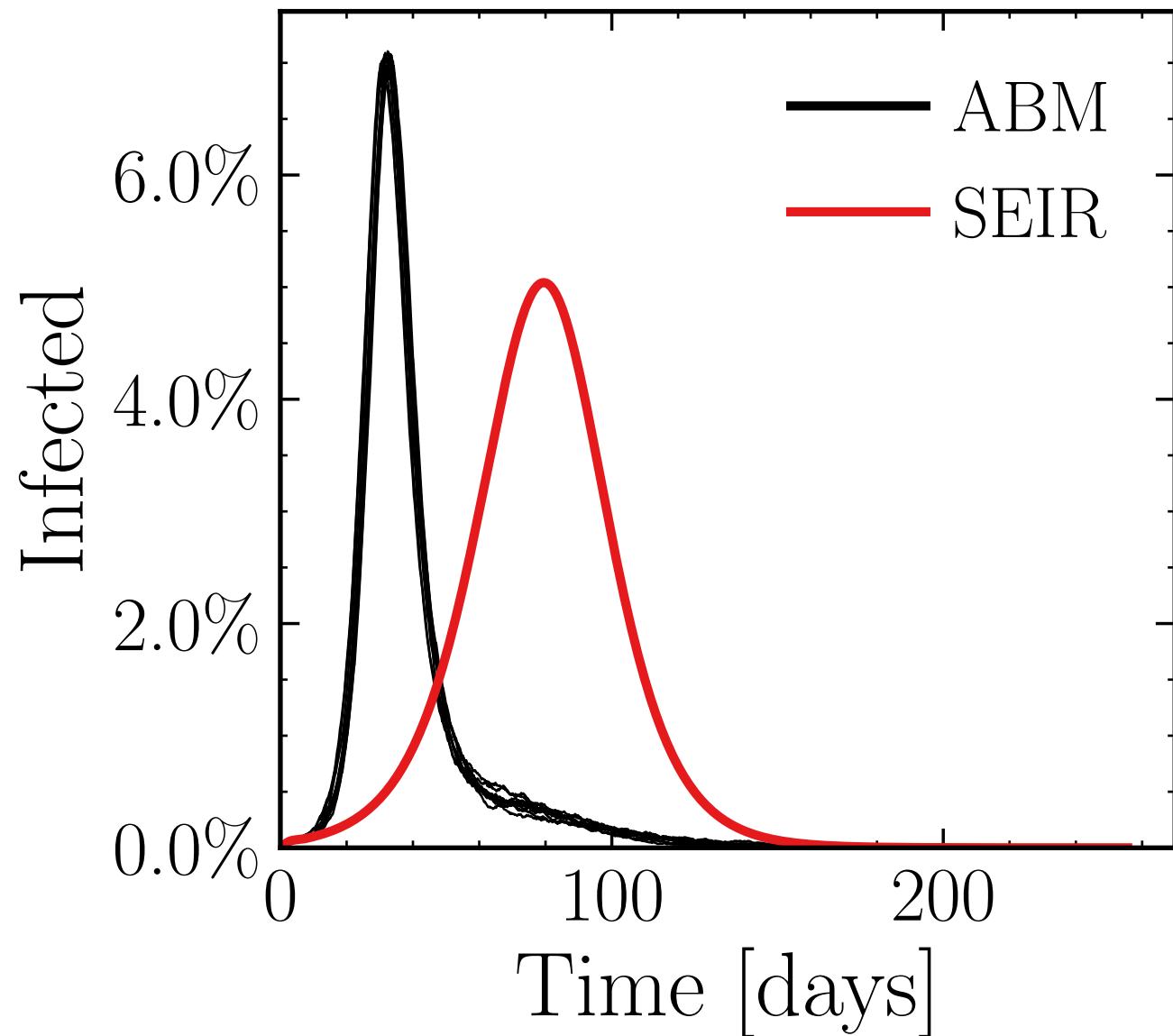
$R_\infty^{\text{ABM}} = (62.2 \pm 0.23\%) \cdot 10^3$



$N_{\text{tot}} = 200K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, 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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (9.23 \pm 0.39\%) \cdot 10^3$ v. = 1.0, hash = 5d5eba46fb, #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_{peak}} = 0, event_{size_{mean}} = 50.0, event _{β _{scaling}} = 10.0, event_{weekend_{multiplier}} = 1.0
 $I_{\text{peak}}^{\text{ABM}} = (7.03 \pm 0.27\%) \cdot 10^3$ v. = 1.0, hash = 40cebaba6e, #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, $N_{\text{init}} = 100$

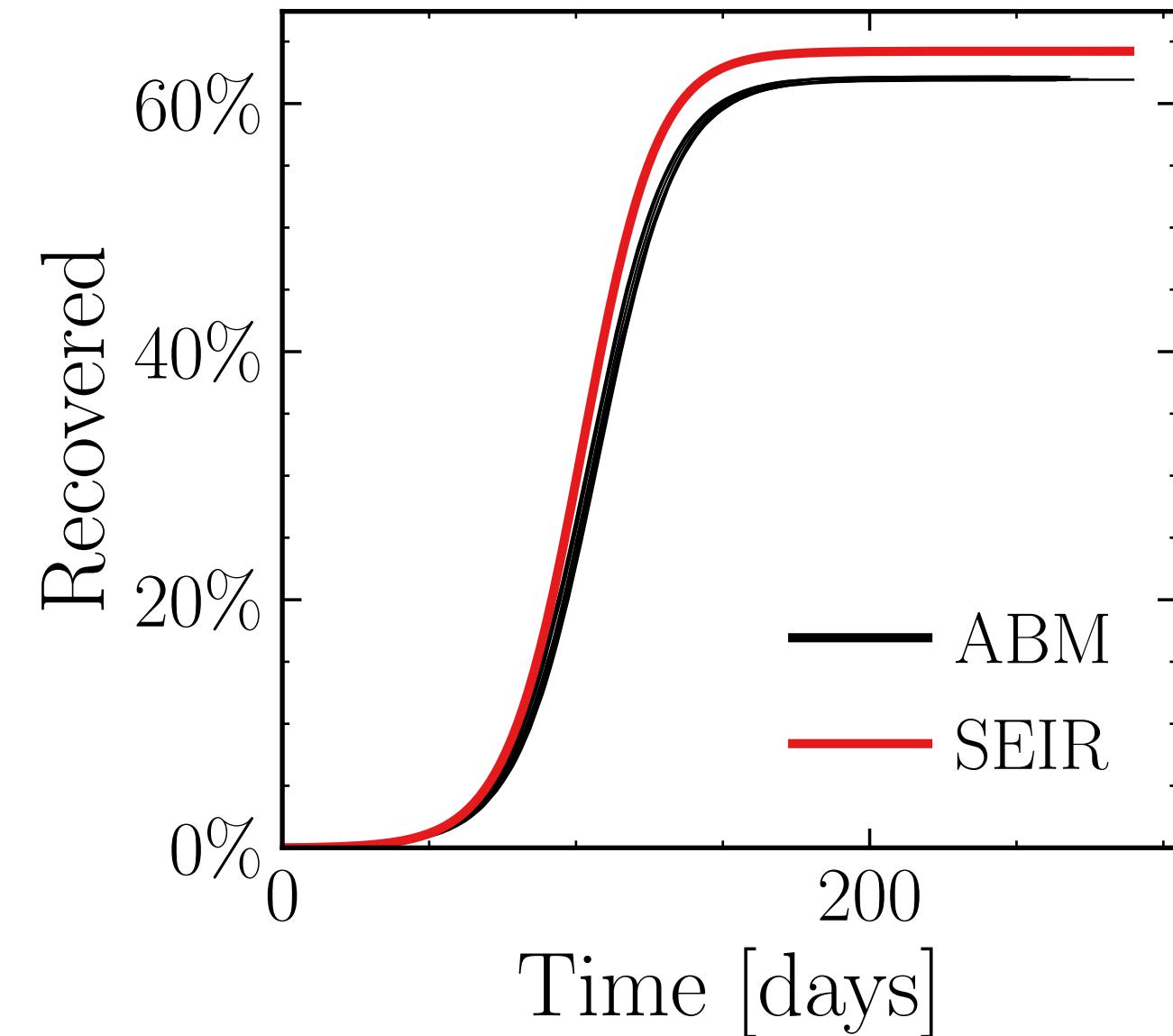
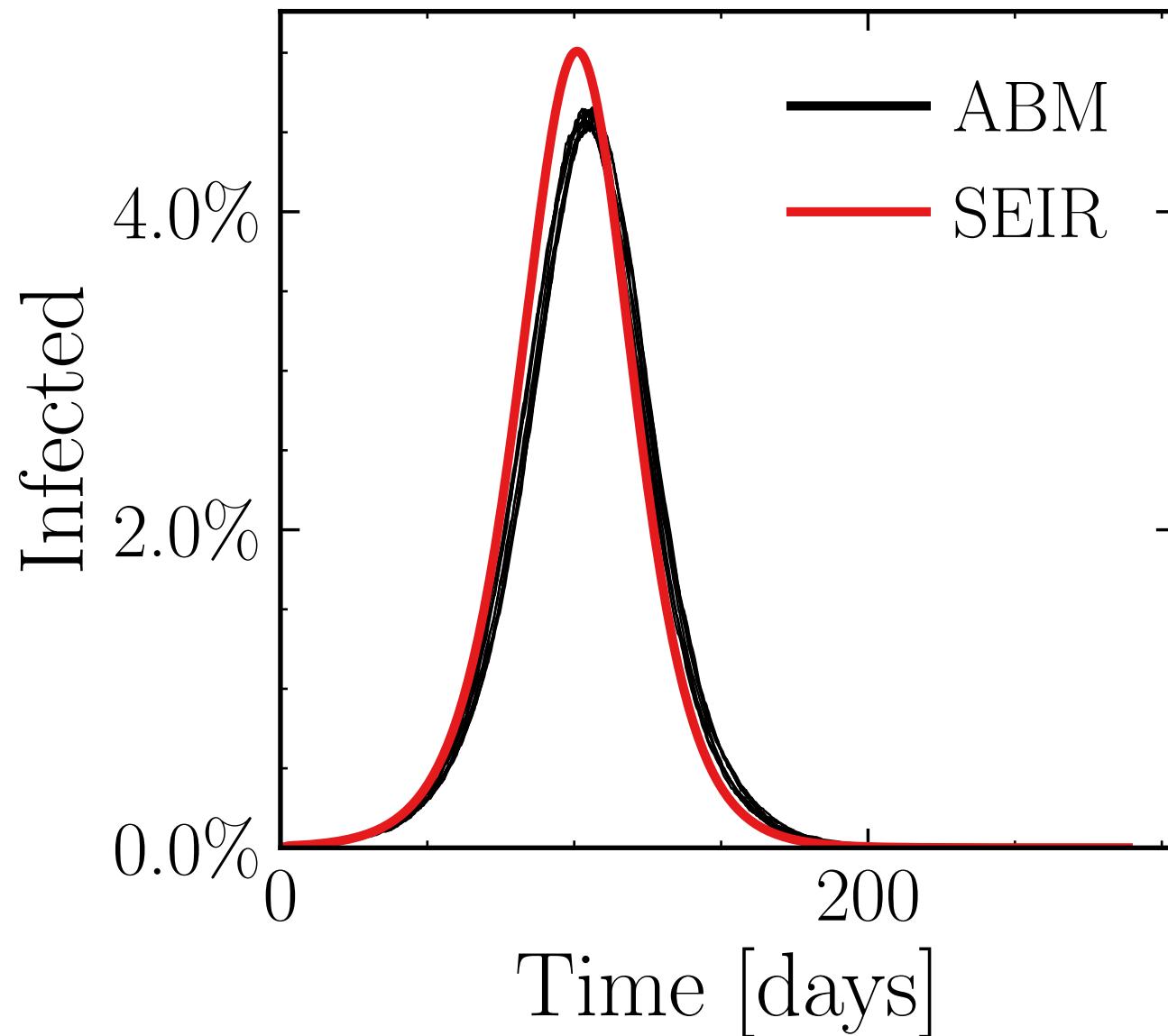
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (23.06 \pm 0.25\%) \cdot 10^3$

v. = 1.0, hash = d2e78d2dc8, #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, $N_{\text{init}} = 100$

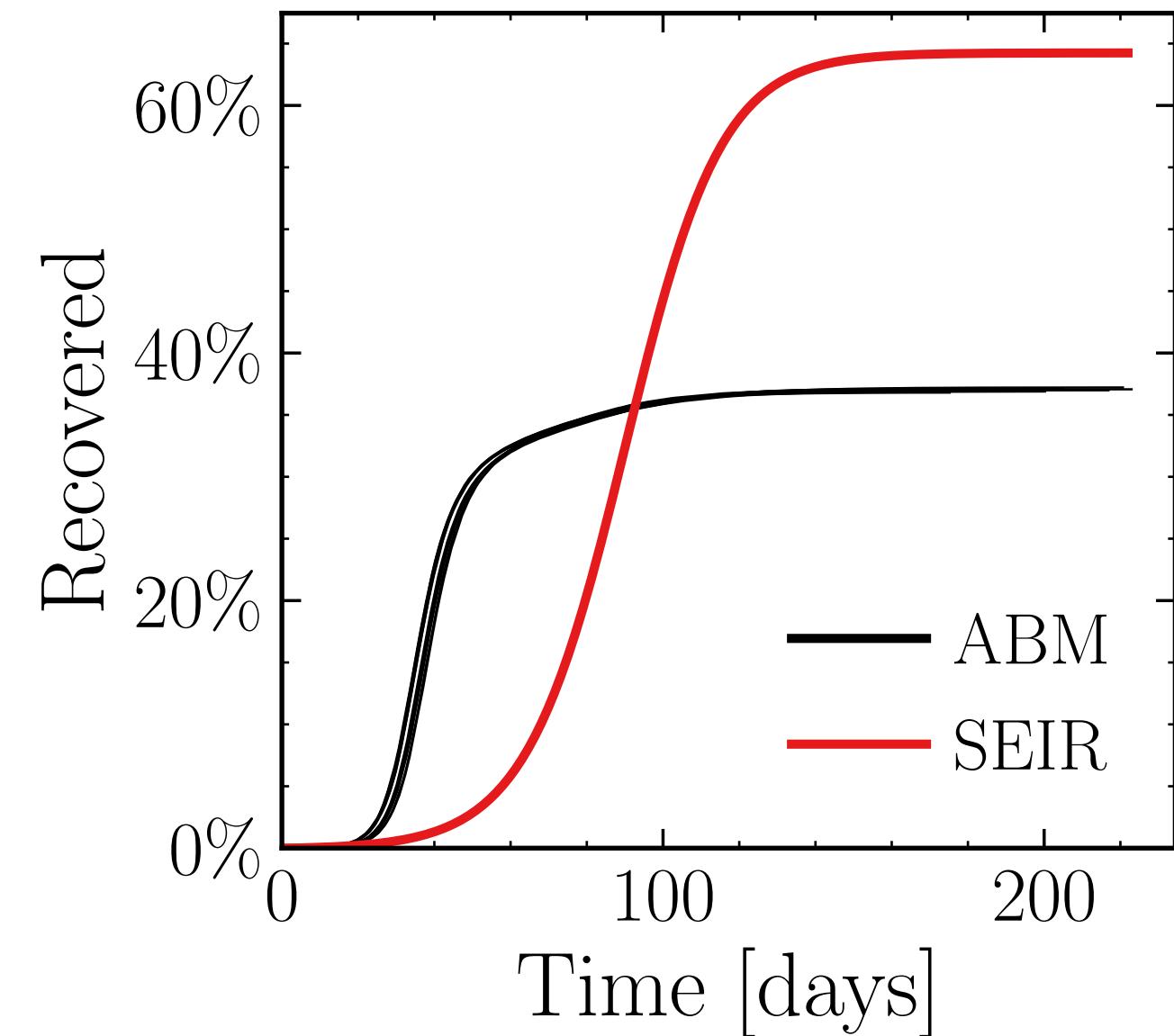
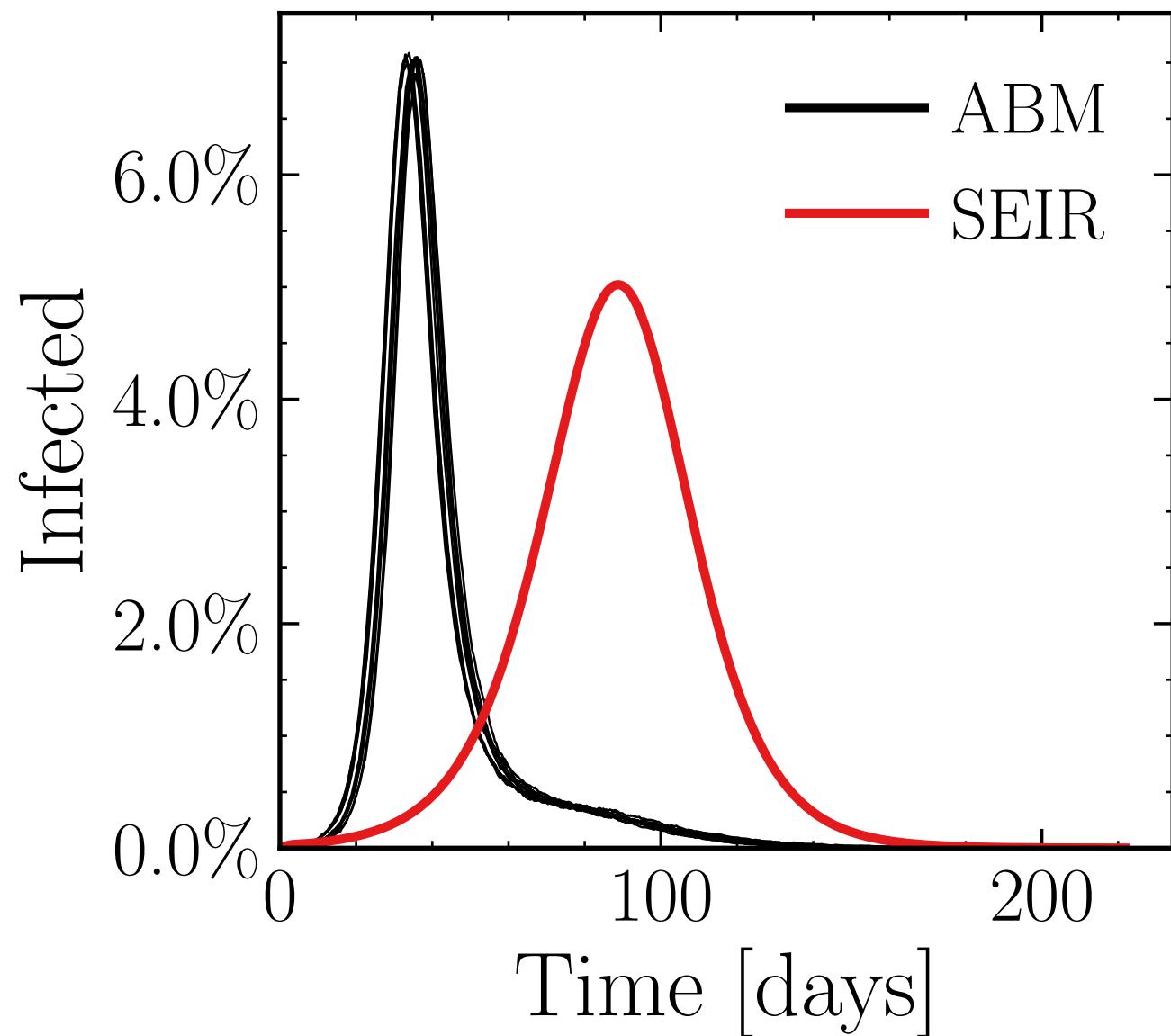
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (14.05 \pm 0.22\%) \cdot 10^3$

v. = 1.0, hash = 1c8d7eeeea3, #10

$R_\infty^{\text{ABM}} = (74.05 \pm 0.098\%) \cdot 10^3$



$N_{\text{tot}} = 1M$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

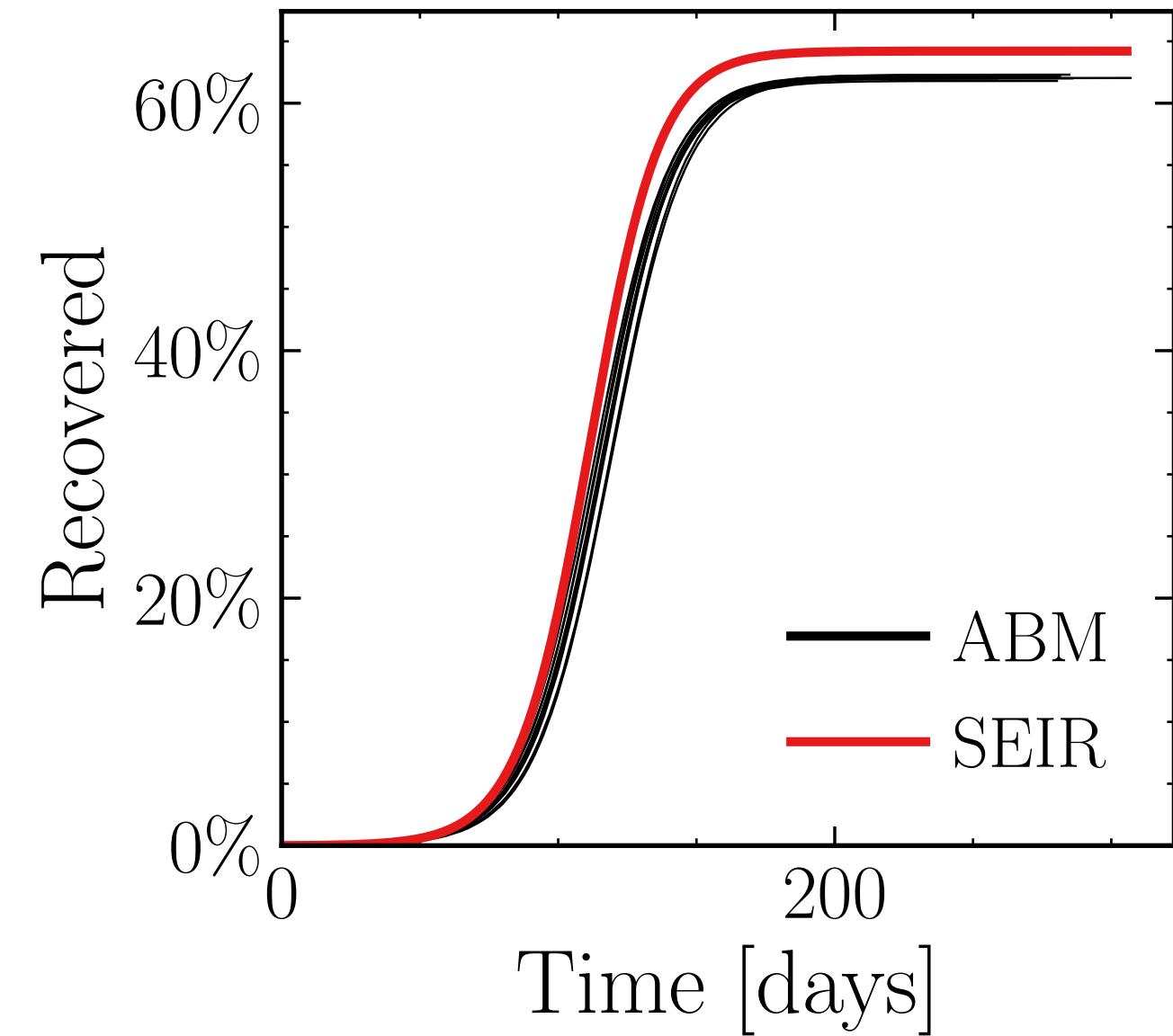
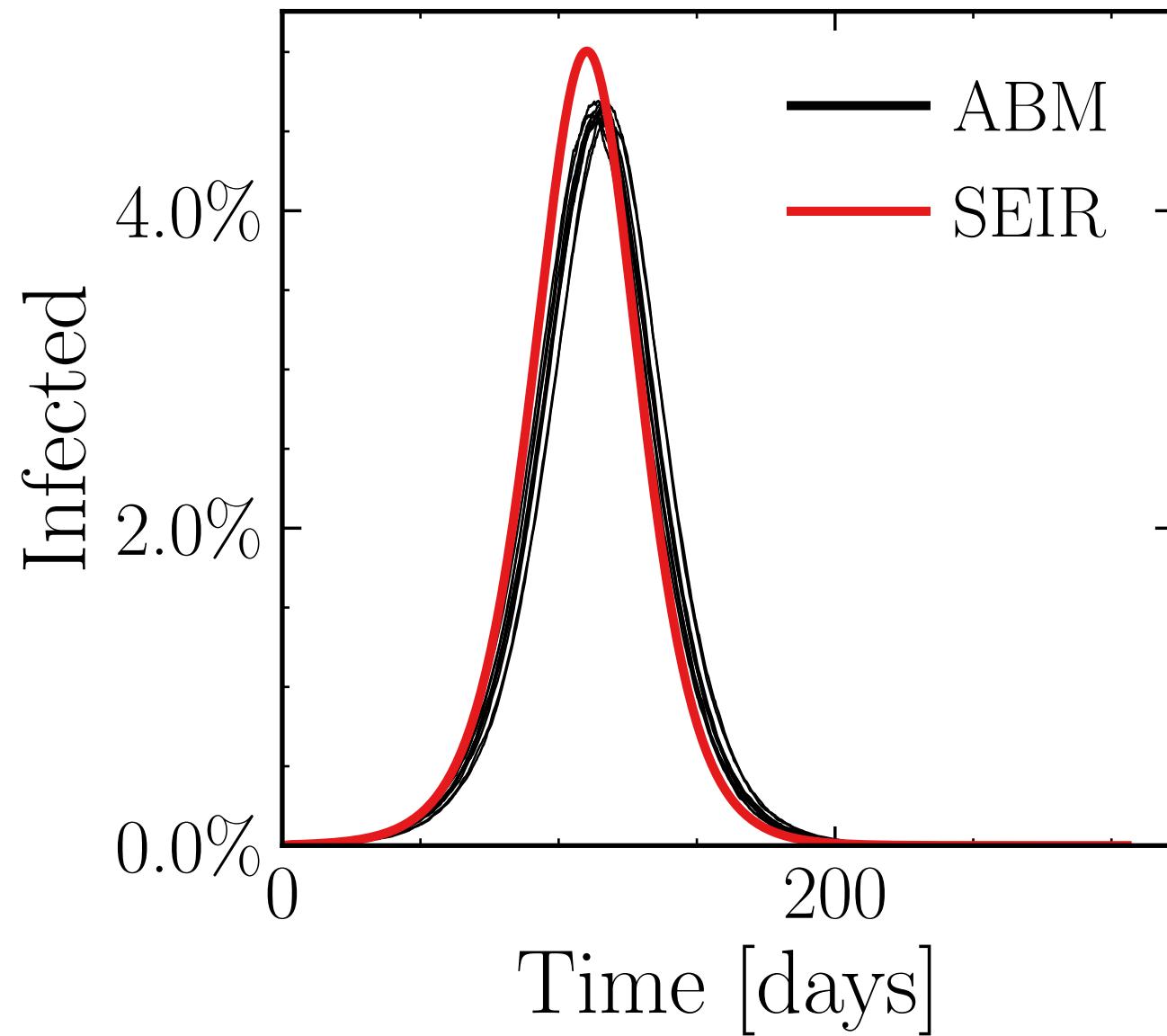
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (46.3 \pm 0.3\%) \cdot 10^3$

v. = 1.0, hash = 82edb720b3, #10

$R_\infty^{\text{ABM}} = (620.9 \pm 0.073\%) \cdot 10^3$



$N_{\text{tot}} = 500K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

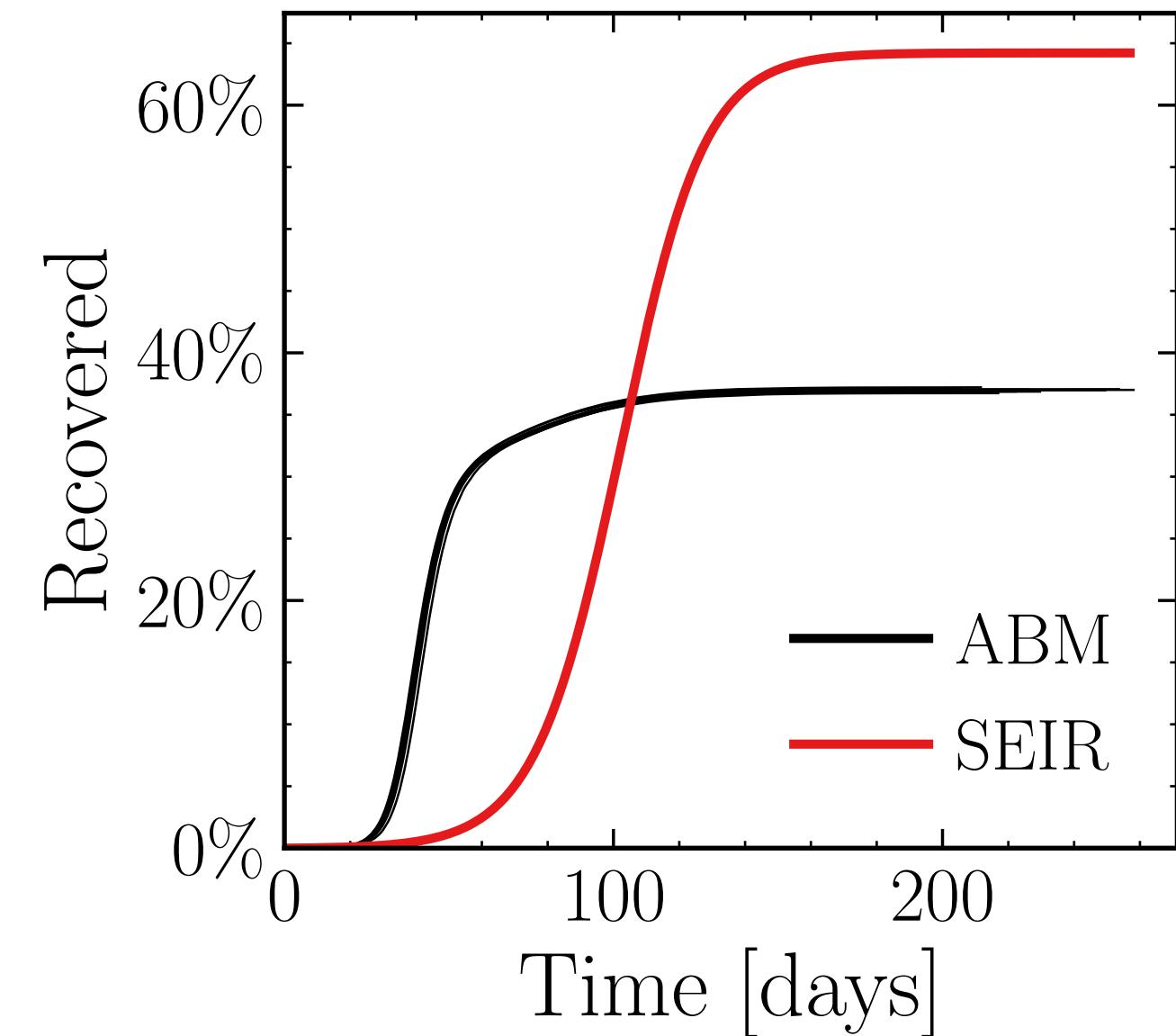
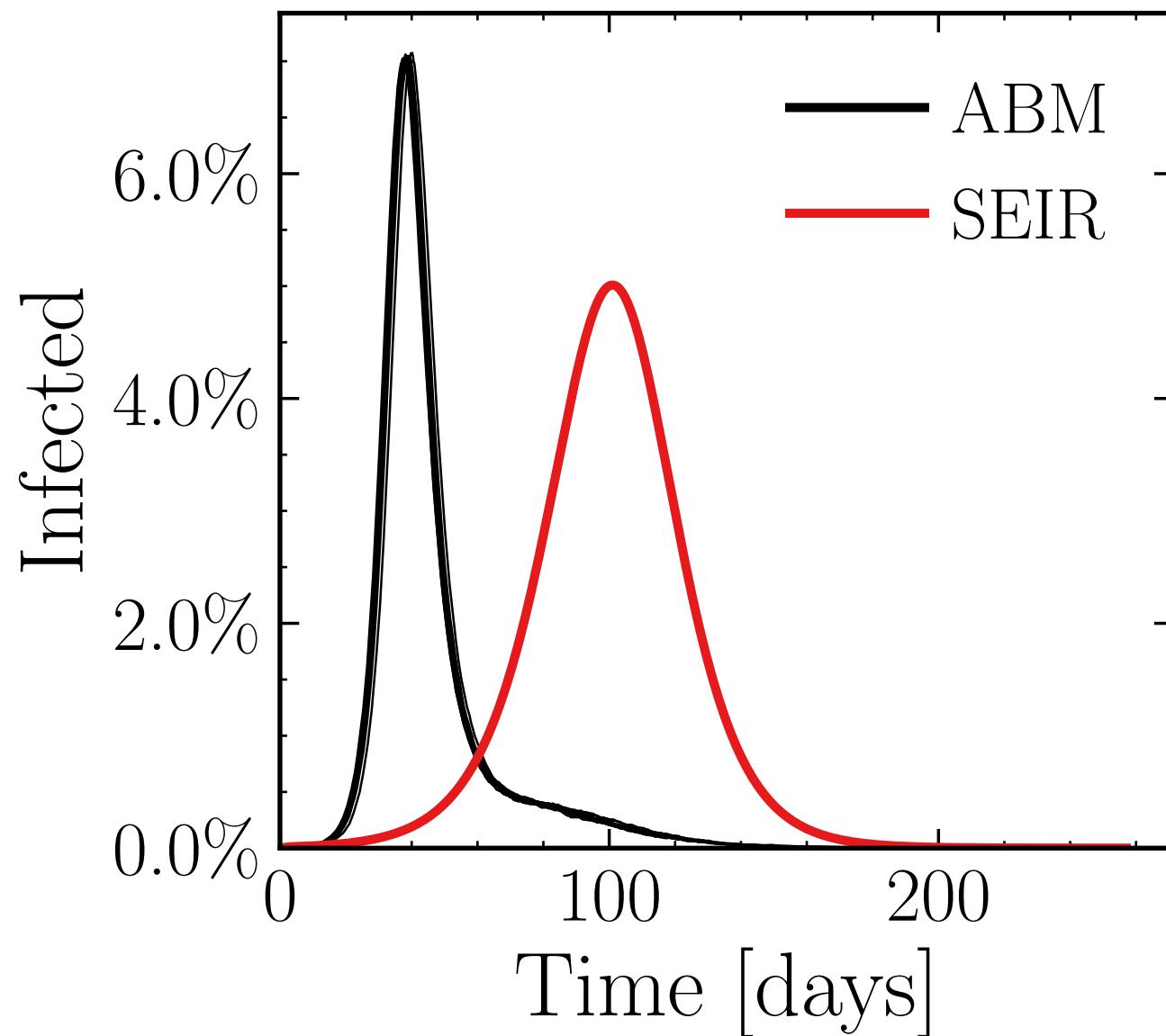
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (35.15 \pm 0.17\%) \cdot 10^3$

v. = 1.0, hash = 15a9279d66, #10

$R_{\infty}^{\text{ABM}} = (184.8 \pm 0.12\%) \cdot 10^3$



$N_{\text{tot}} = 1M$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$, algo = 2, $N_{\text{init}} = 100$

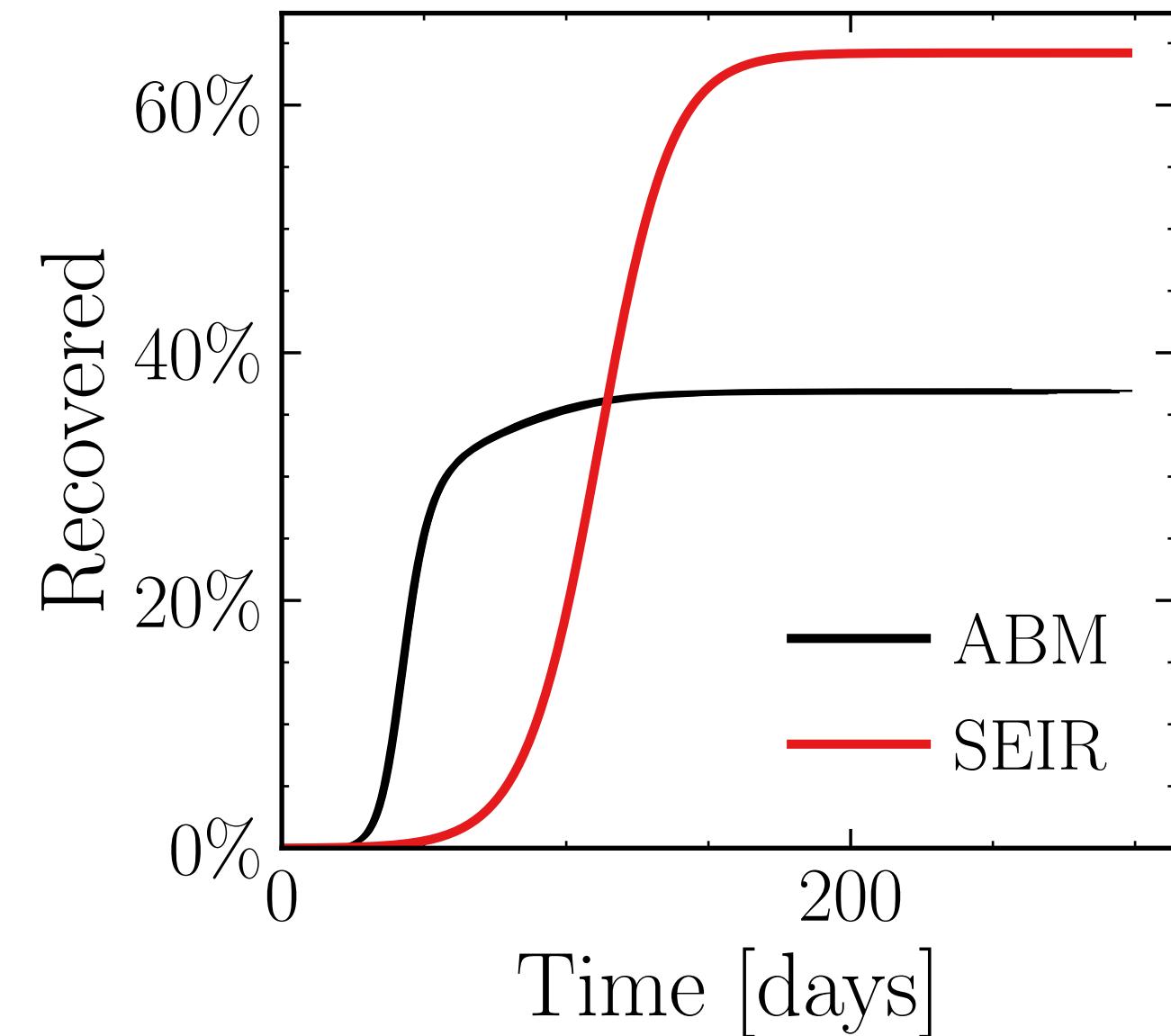
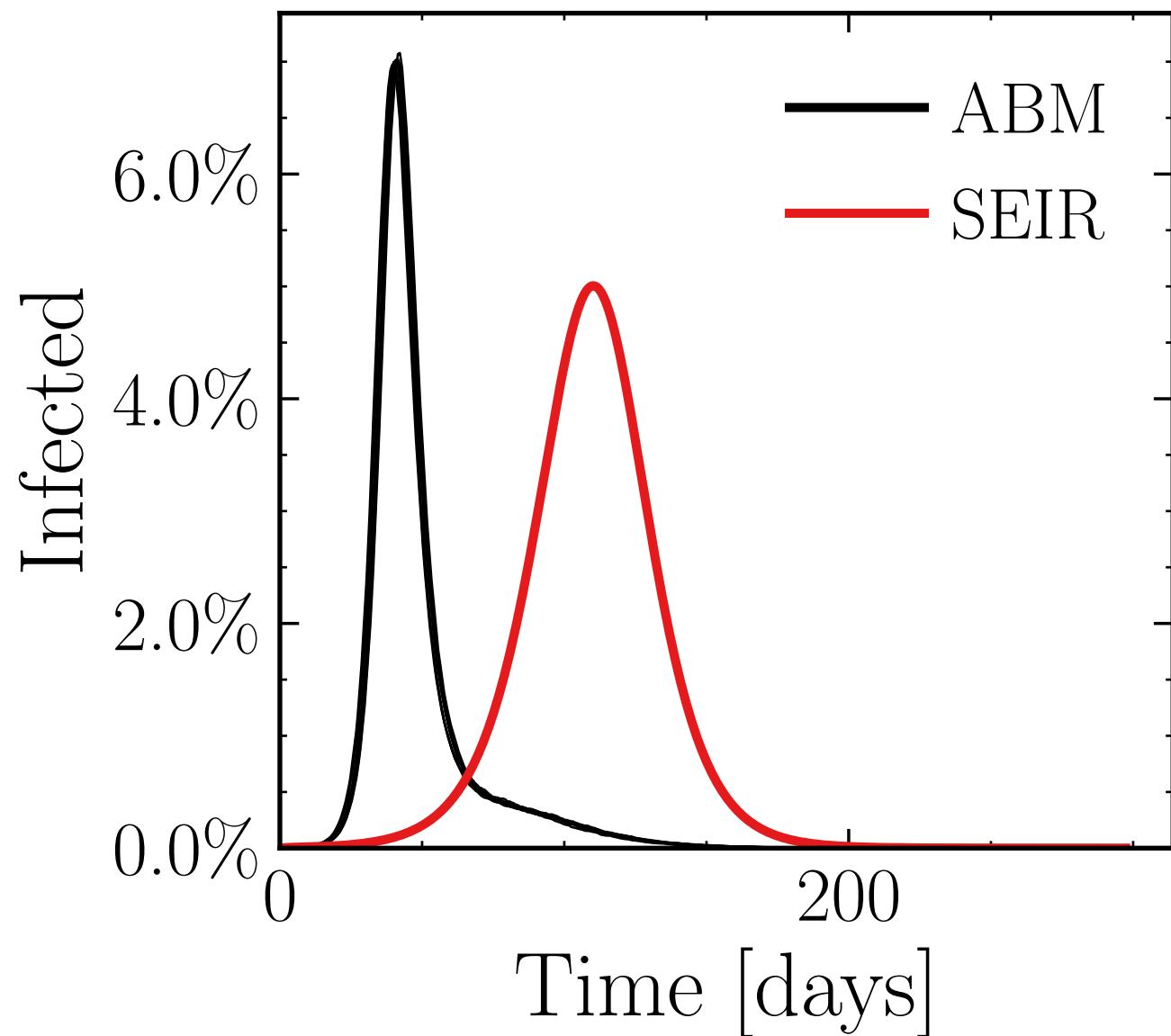
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (70.1 \pm 0.15\%) \cdot 10^3$

v. = 1.0, hash = d0fa4aa8df, #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, $N_{\text{init}} = 100$

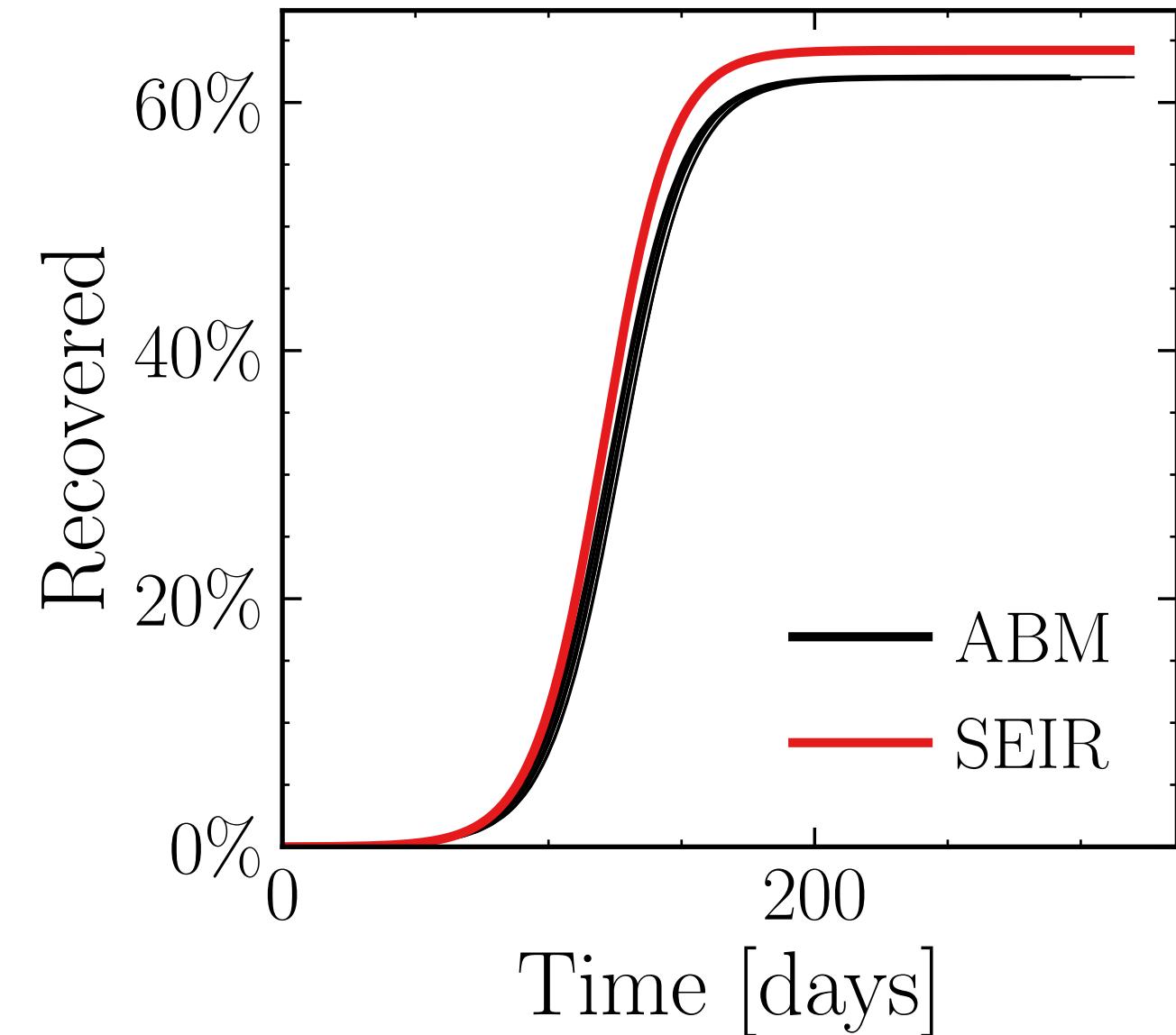
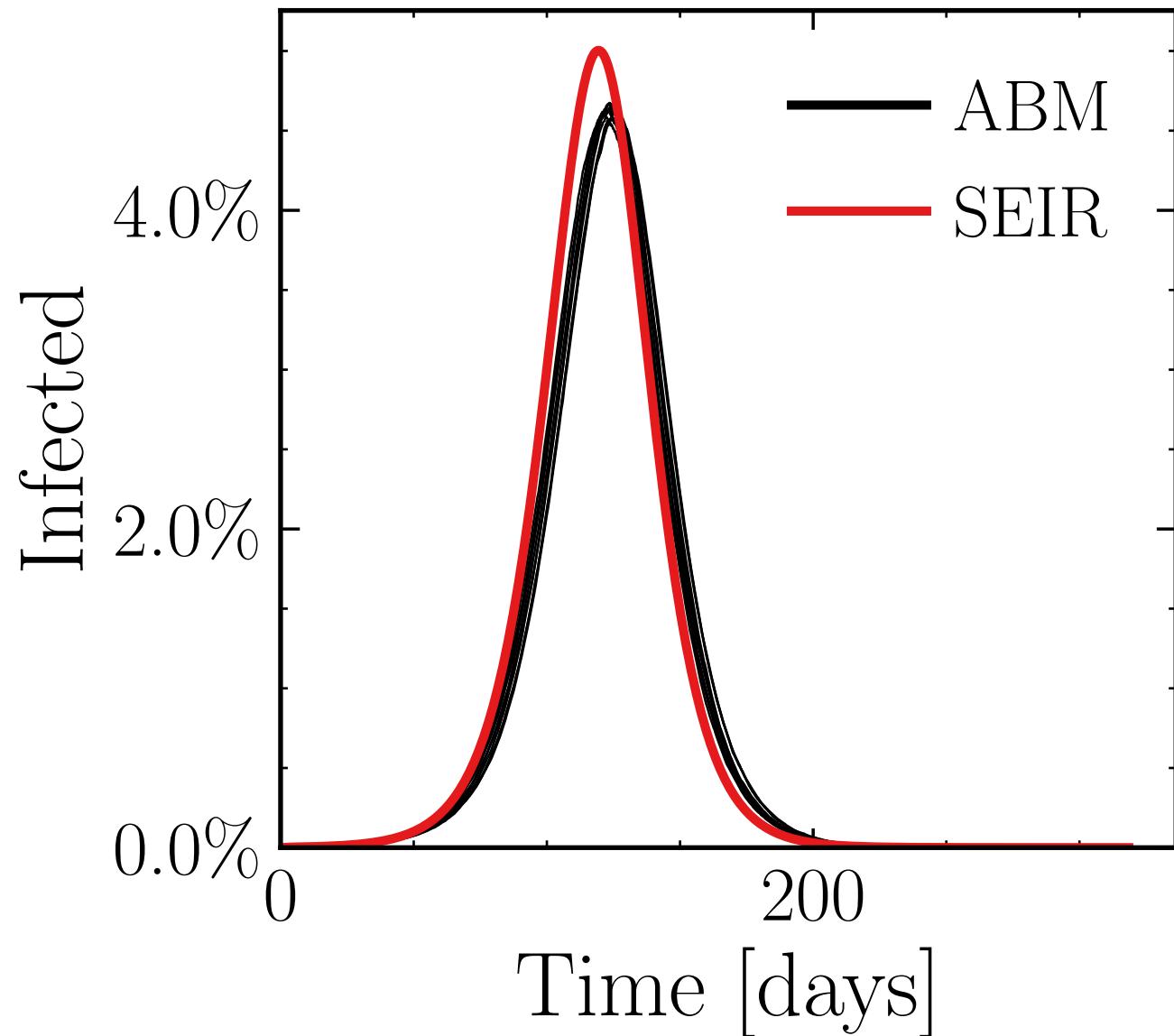
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (92.6 \pm 0.21\%) \cdot 10^3$

v. = 1.0, hash = 9195dd94b2, #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, $N_{\text{init}} = 100$

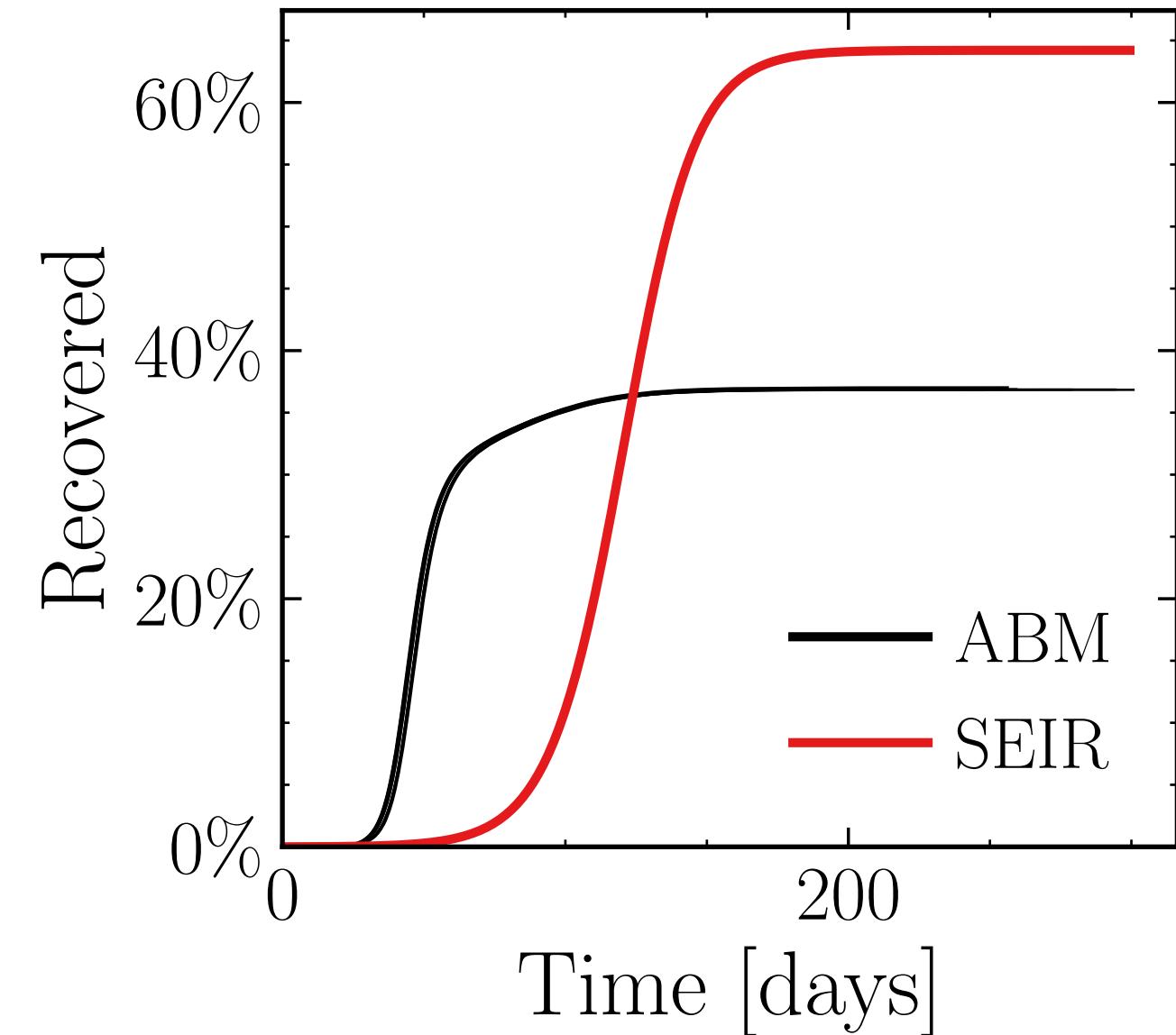
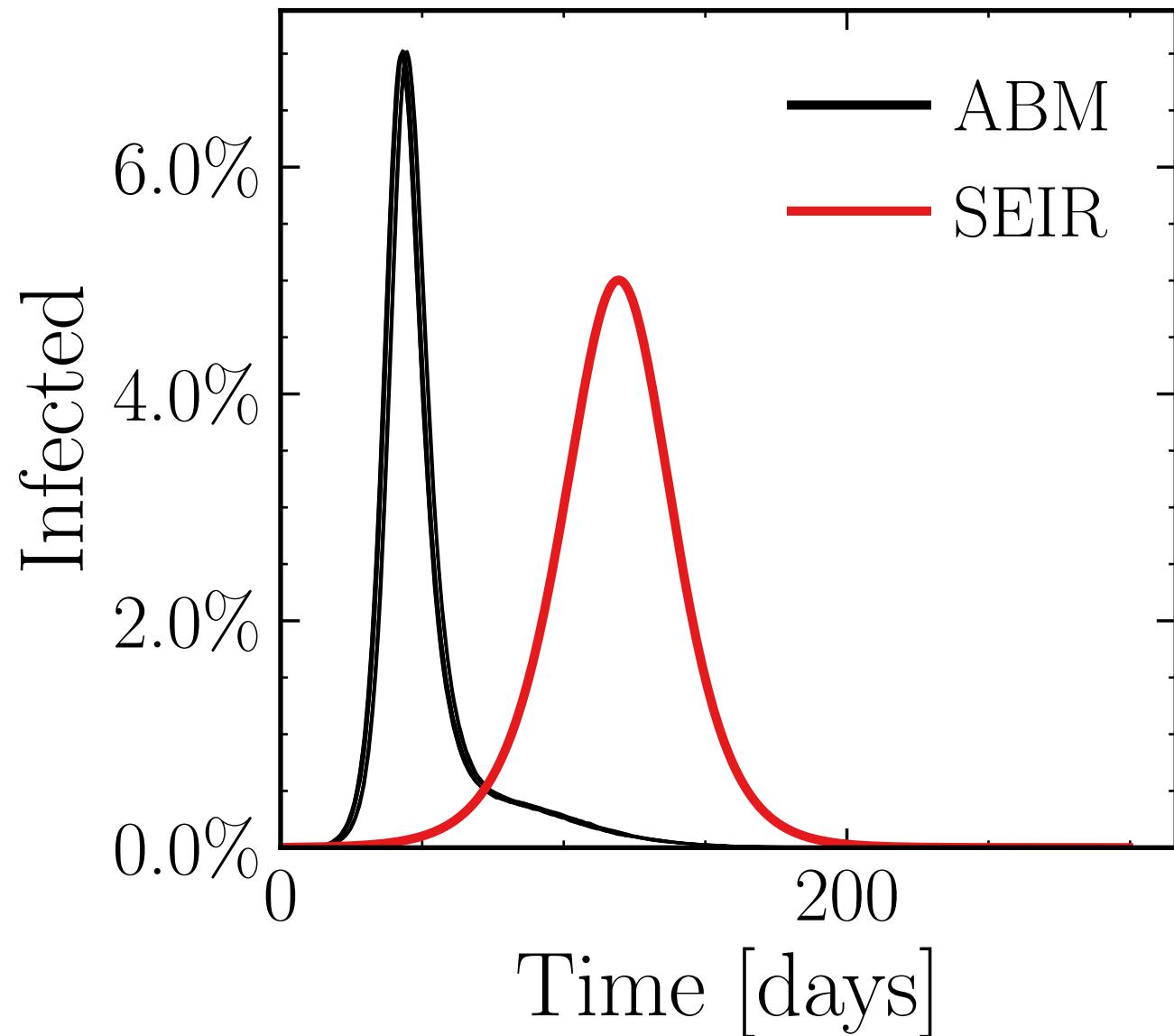
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (140.1 \pm 0.079\%) \cdot 10^3$

v. = 1.0, hash = 0d8e47fa78, #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, $N_{\text{init}} = 100$

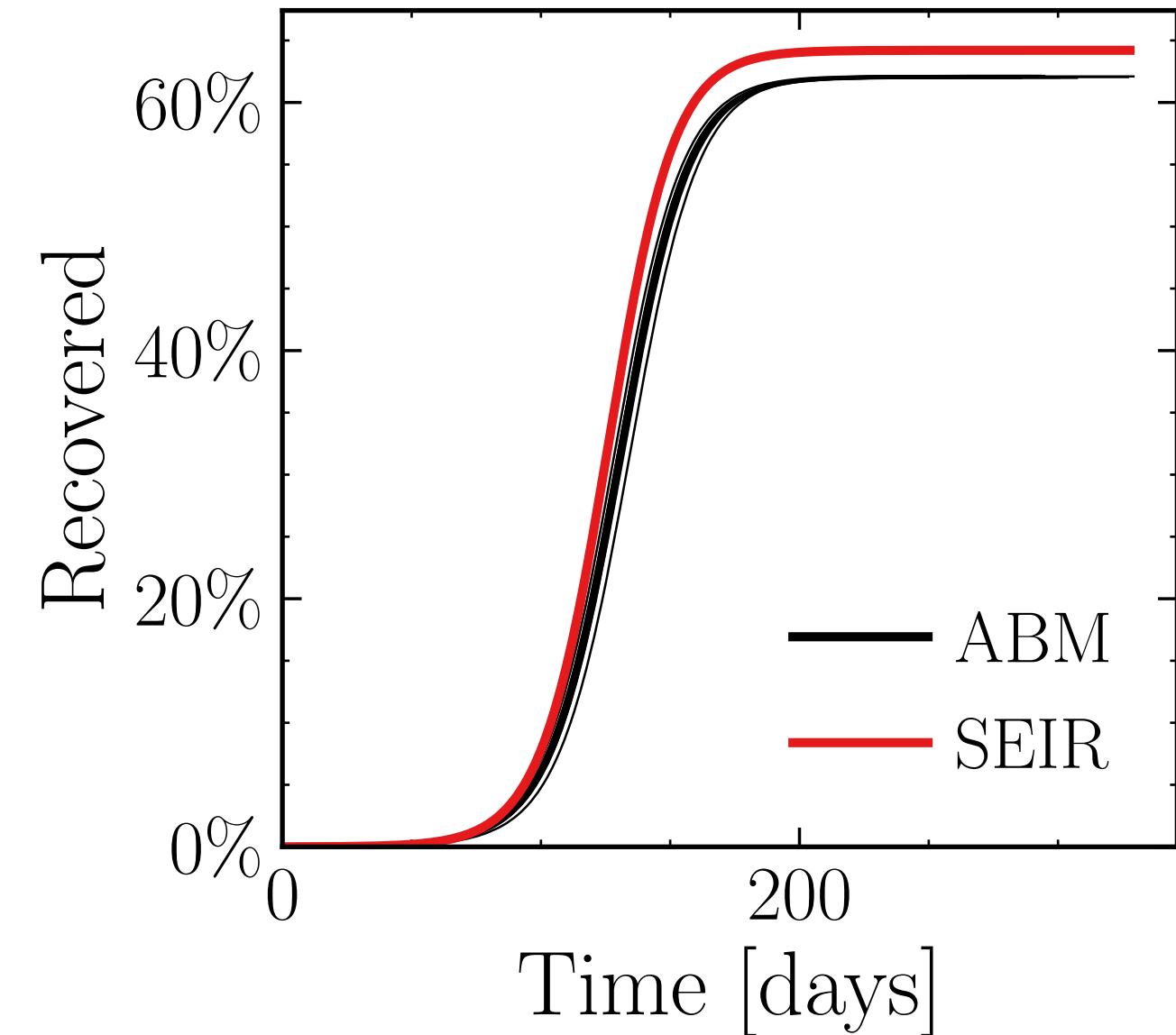
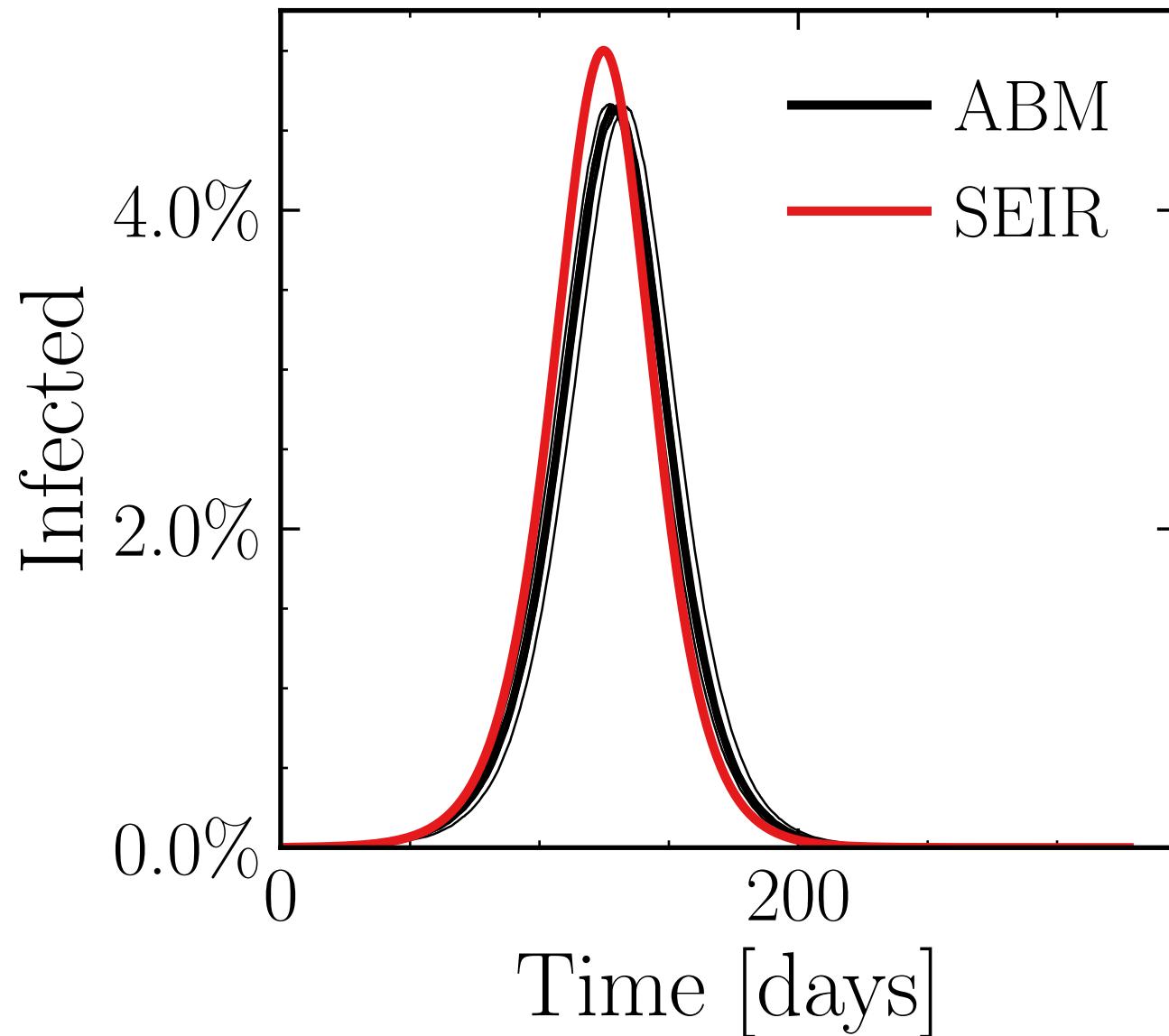
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (139.3 \pm 0.1\%) \cdot 10^3$

v. = 1.0, hash = cbc1a7450f, #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, $N_{\text{init}} = 100$

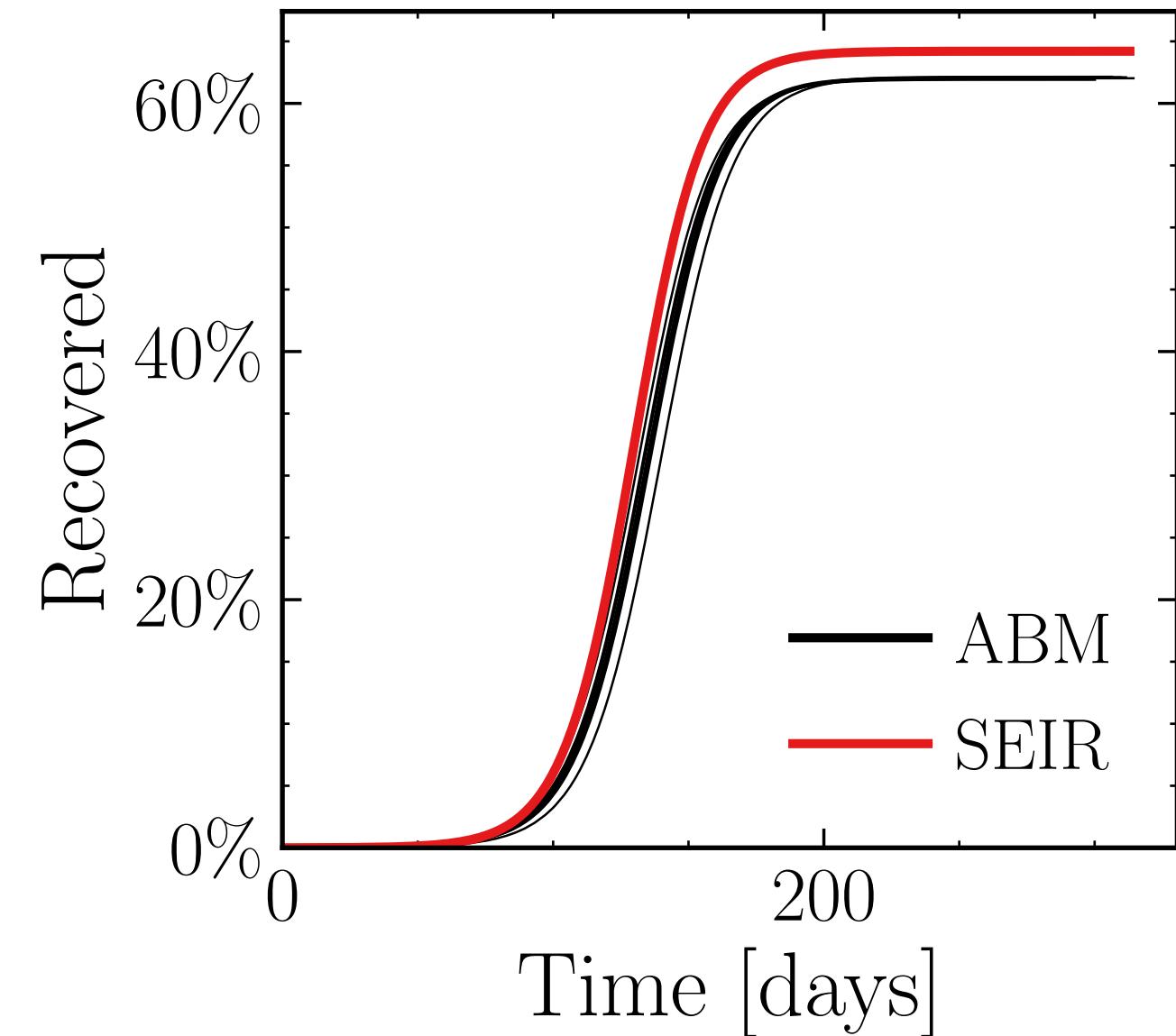
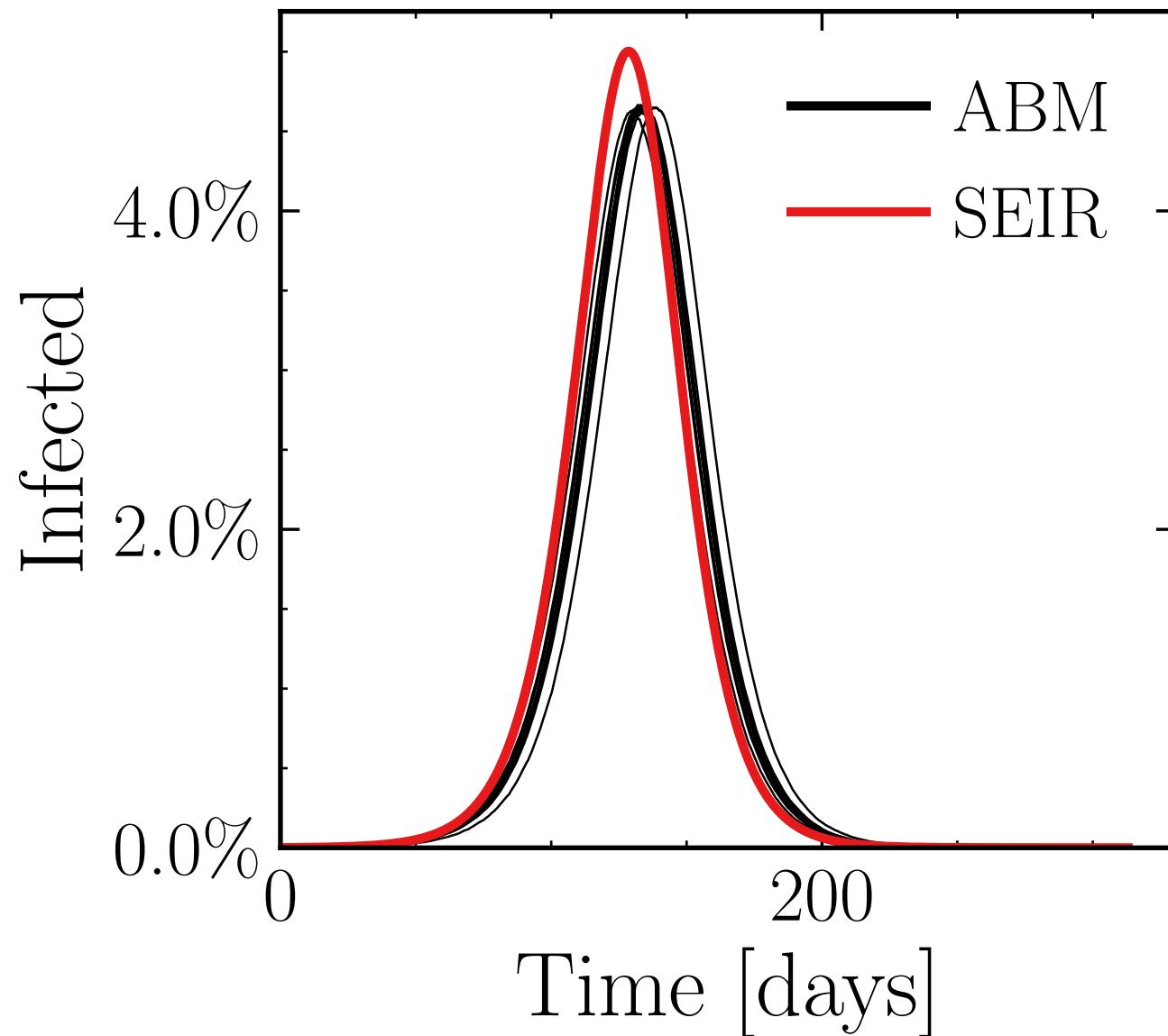
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (186 \pm 0.075\%) \cdot 10^3$

v. = 1.0, hash = 88d07c7f6c, #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, $N_{\text{init}} = 100$

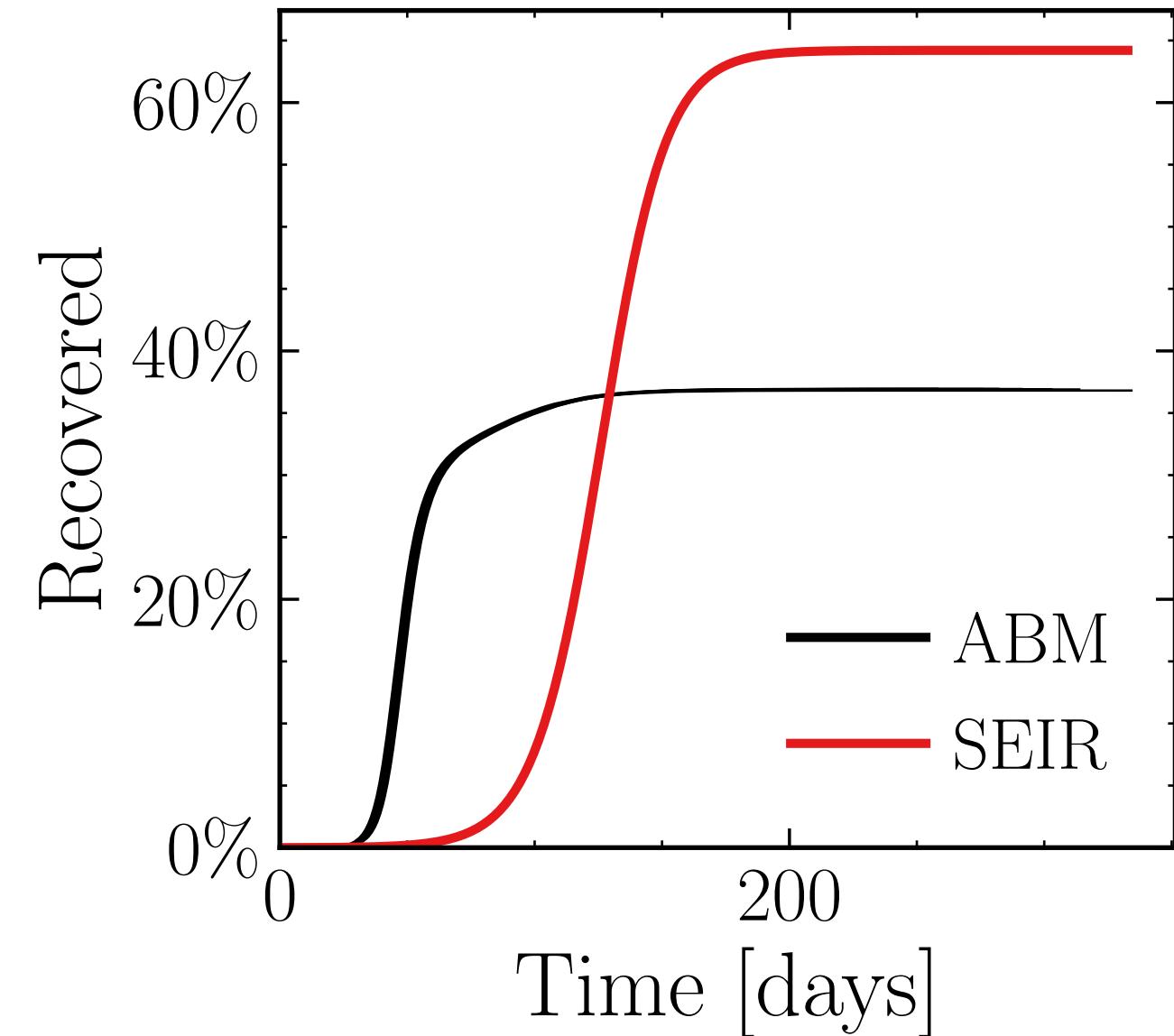
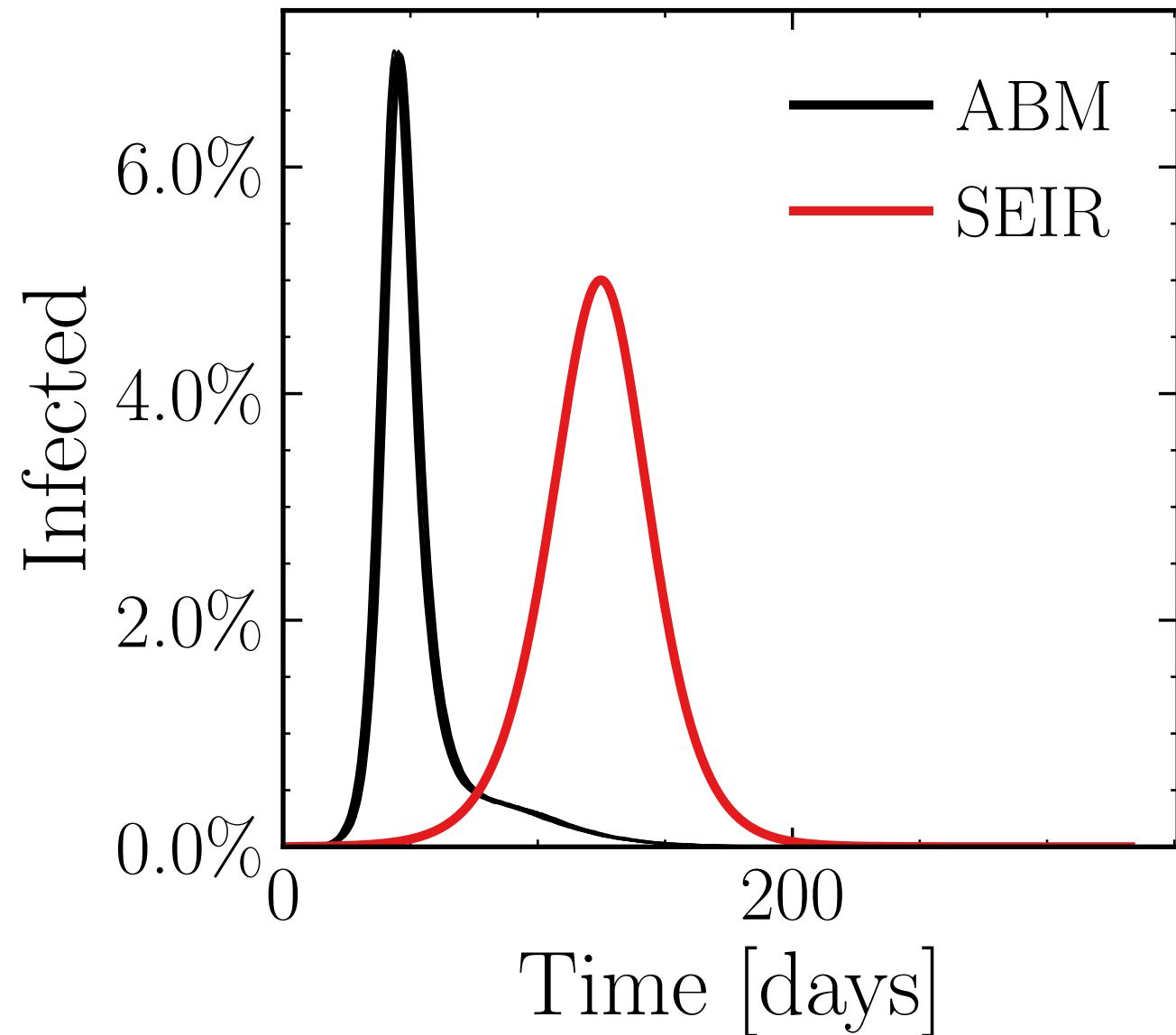
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (209.9 \pm 0.085\%) \cdot 10^3$

v. = 1.0, hash = 37865e0921, #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, $N_{\text{init}} = 100$

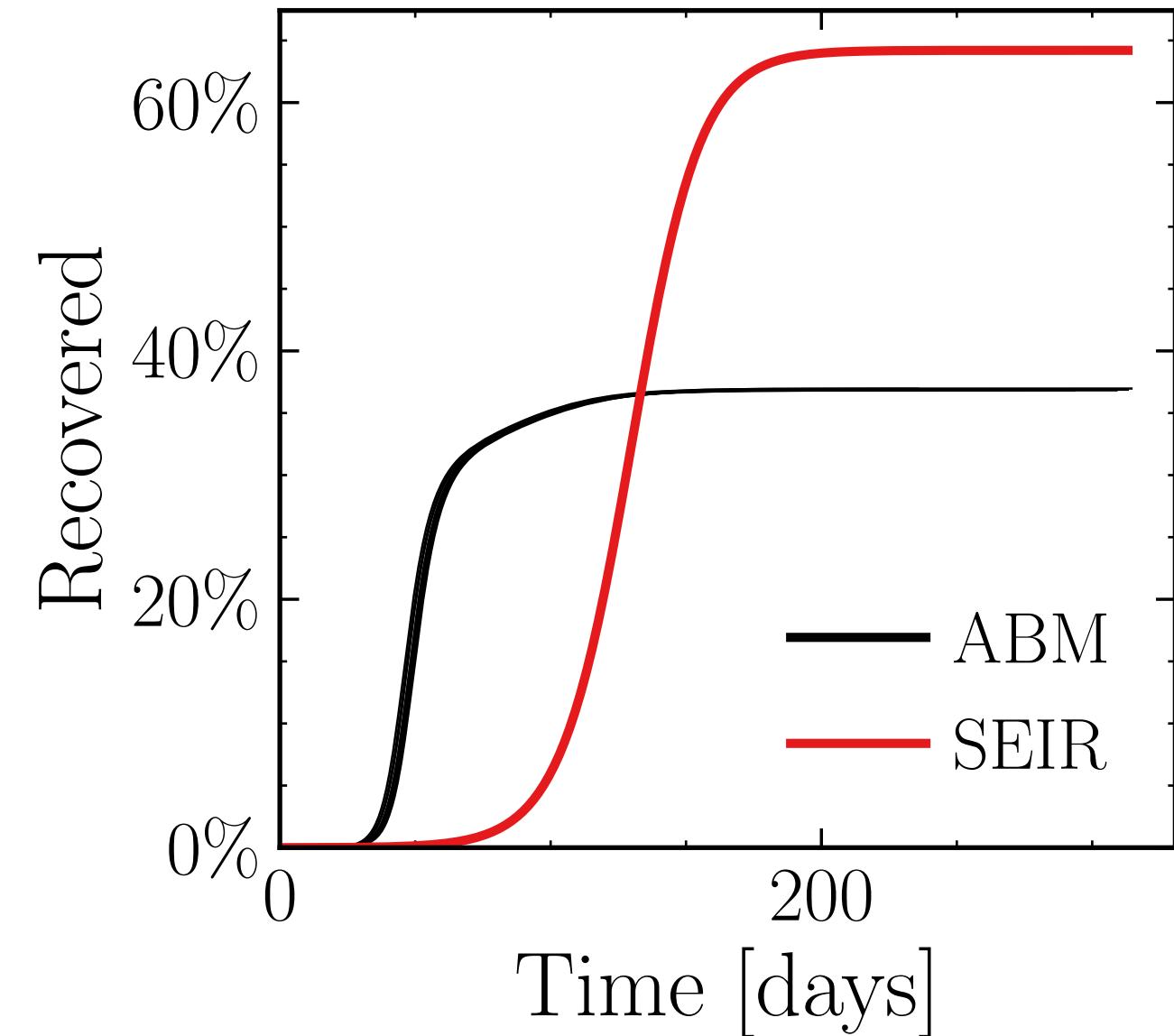
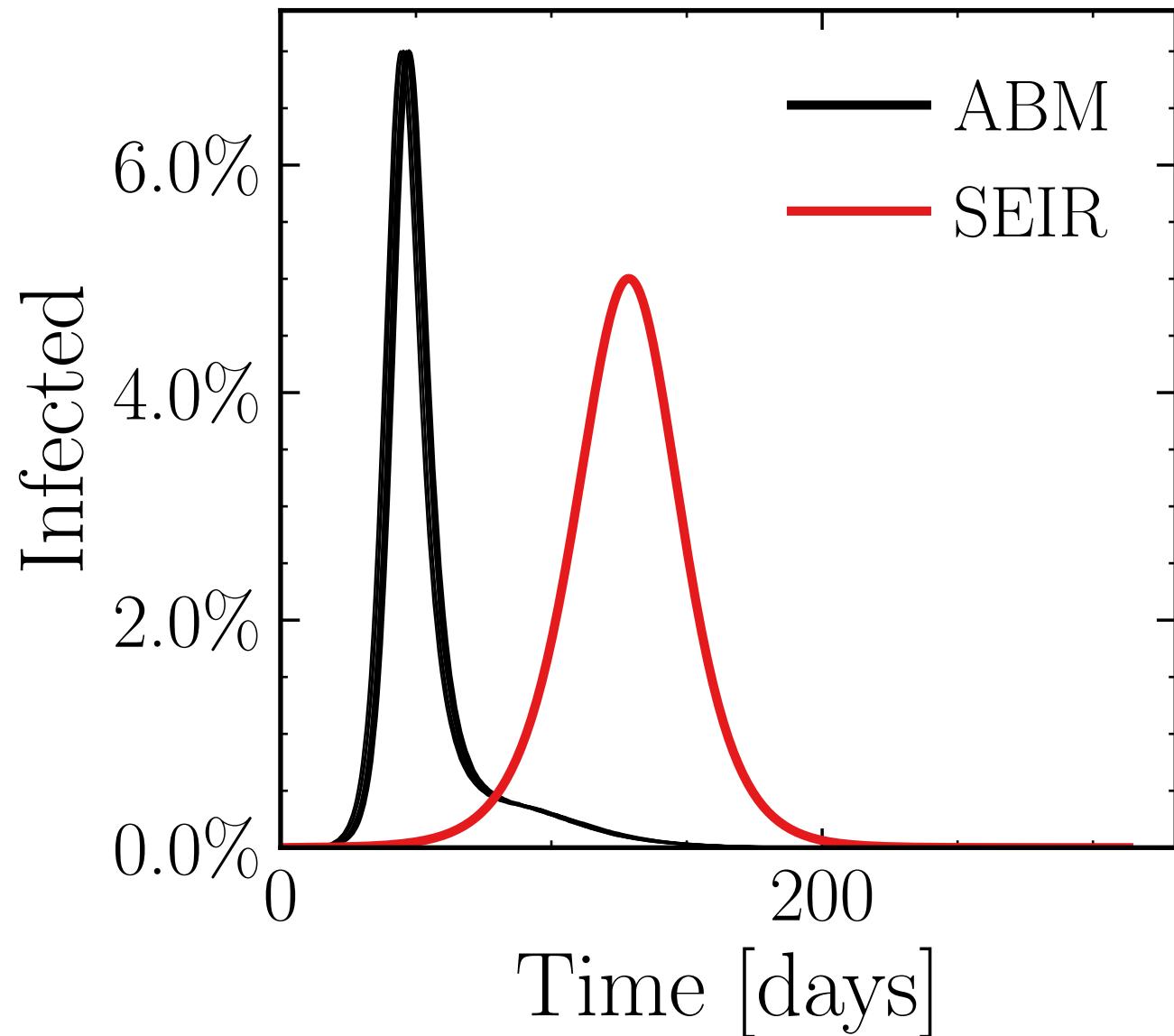
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (280.04 \pm 0.023\%) \cdot 10^3$

v. = 1.0, hash = 96bbfa3a49, #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, $N_{\text{init}} = 100$

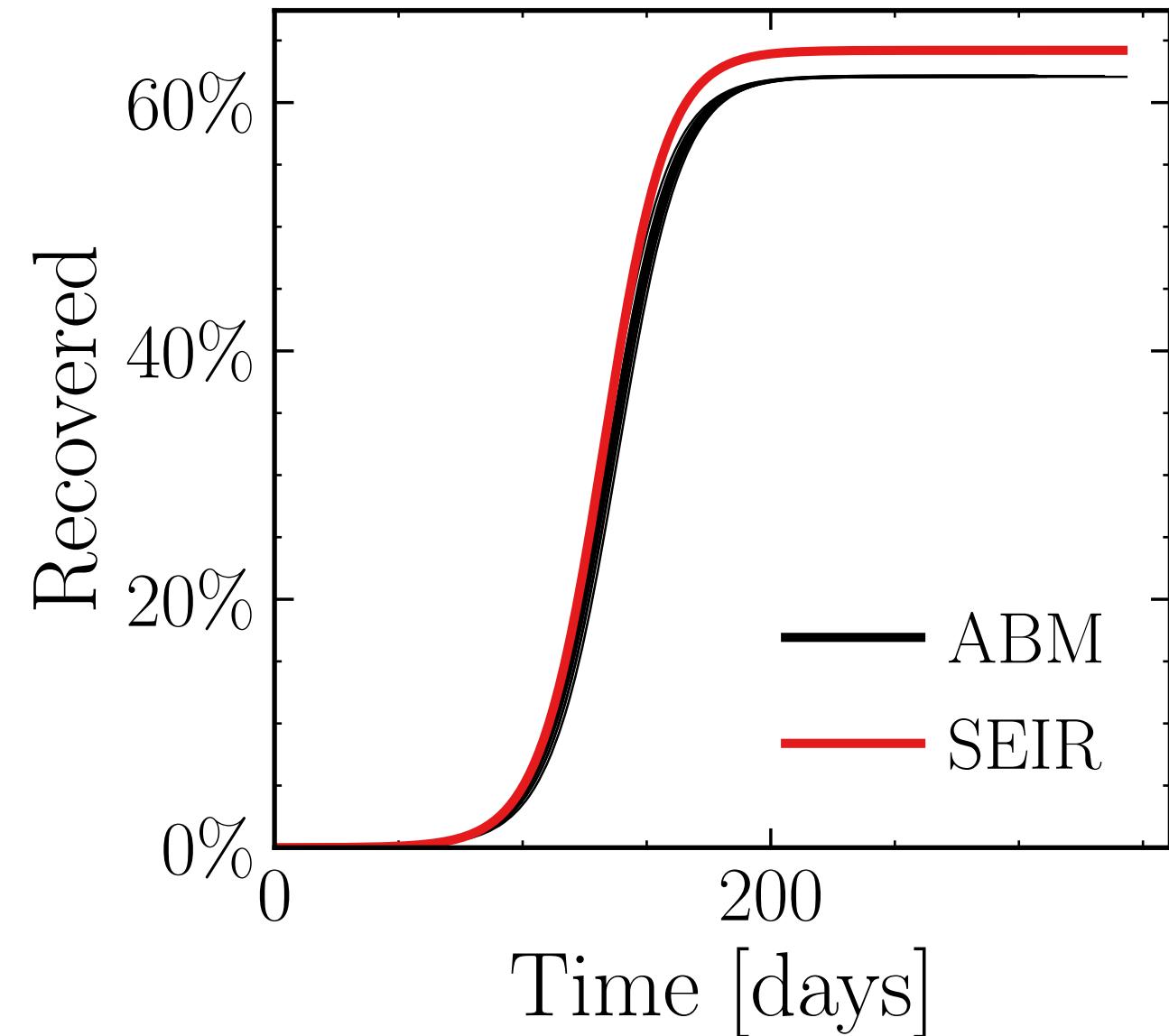
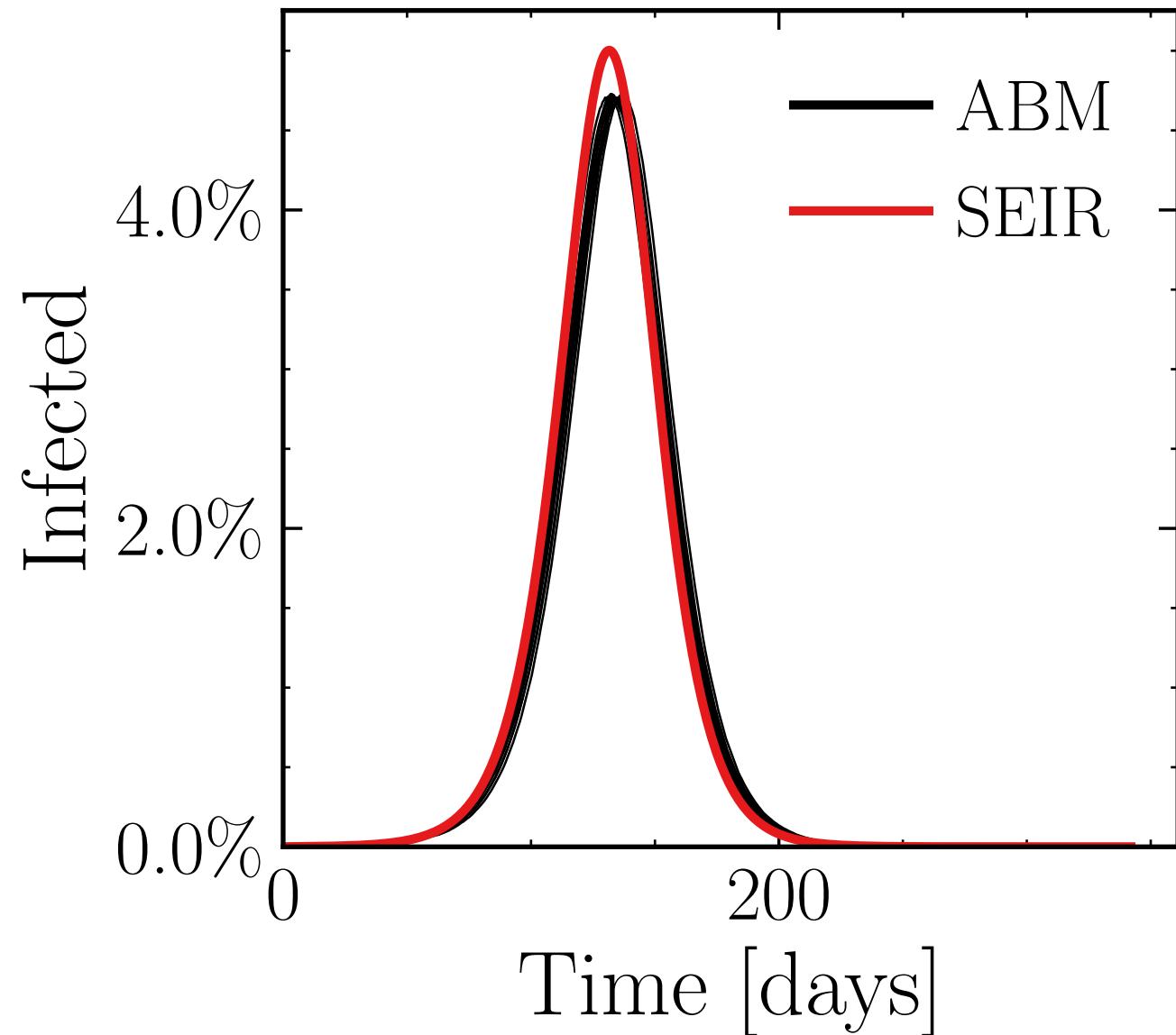
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (235.5 \pm 0.077\%) \cdot 10^3$

v. = 1.0, hash = 23500b7433, #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, $N_{\text{init}} = 100$

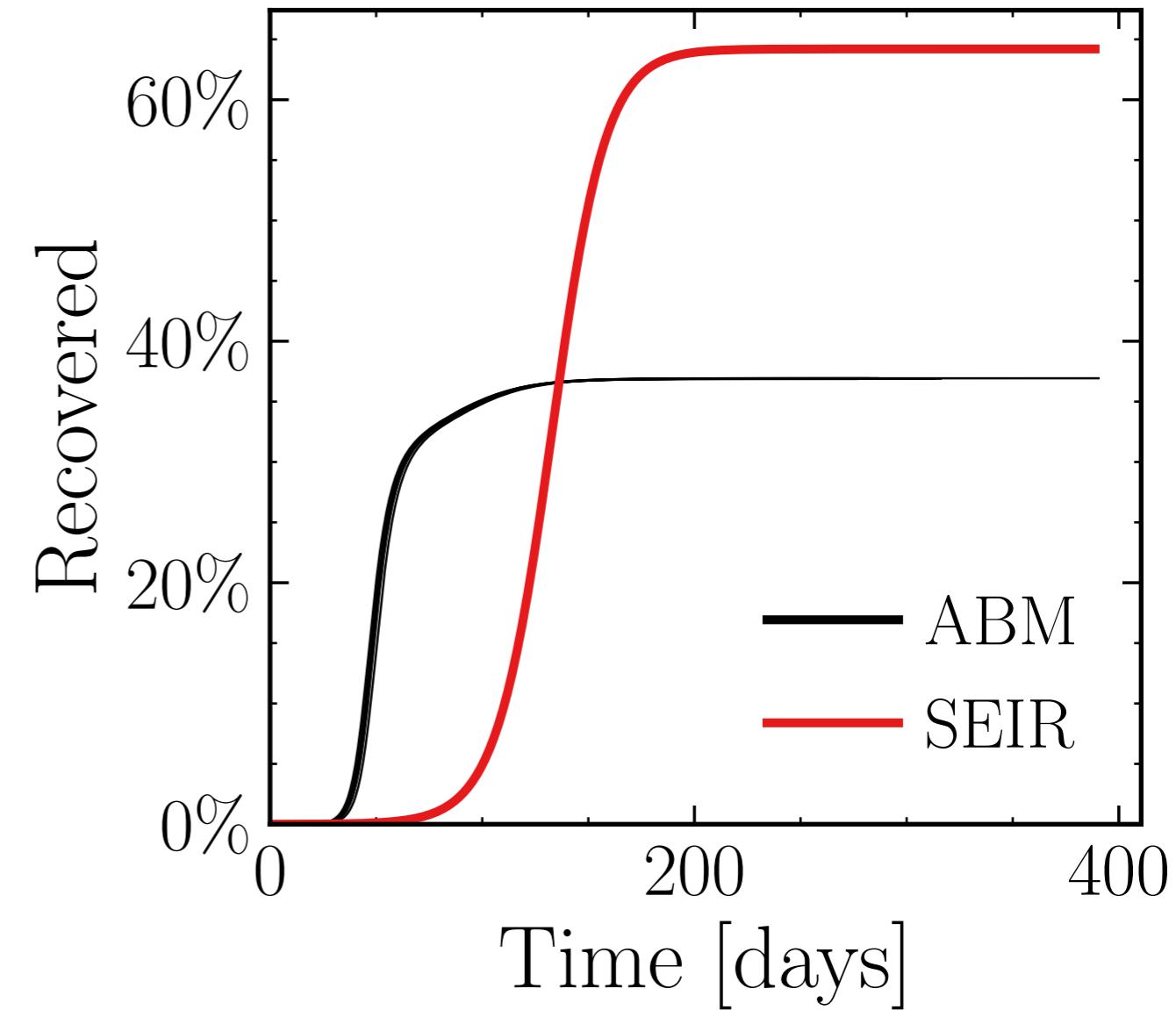
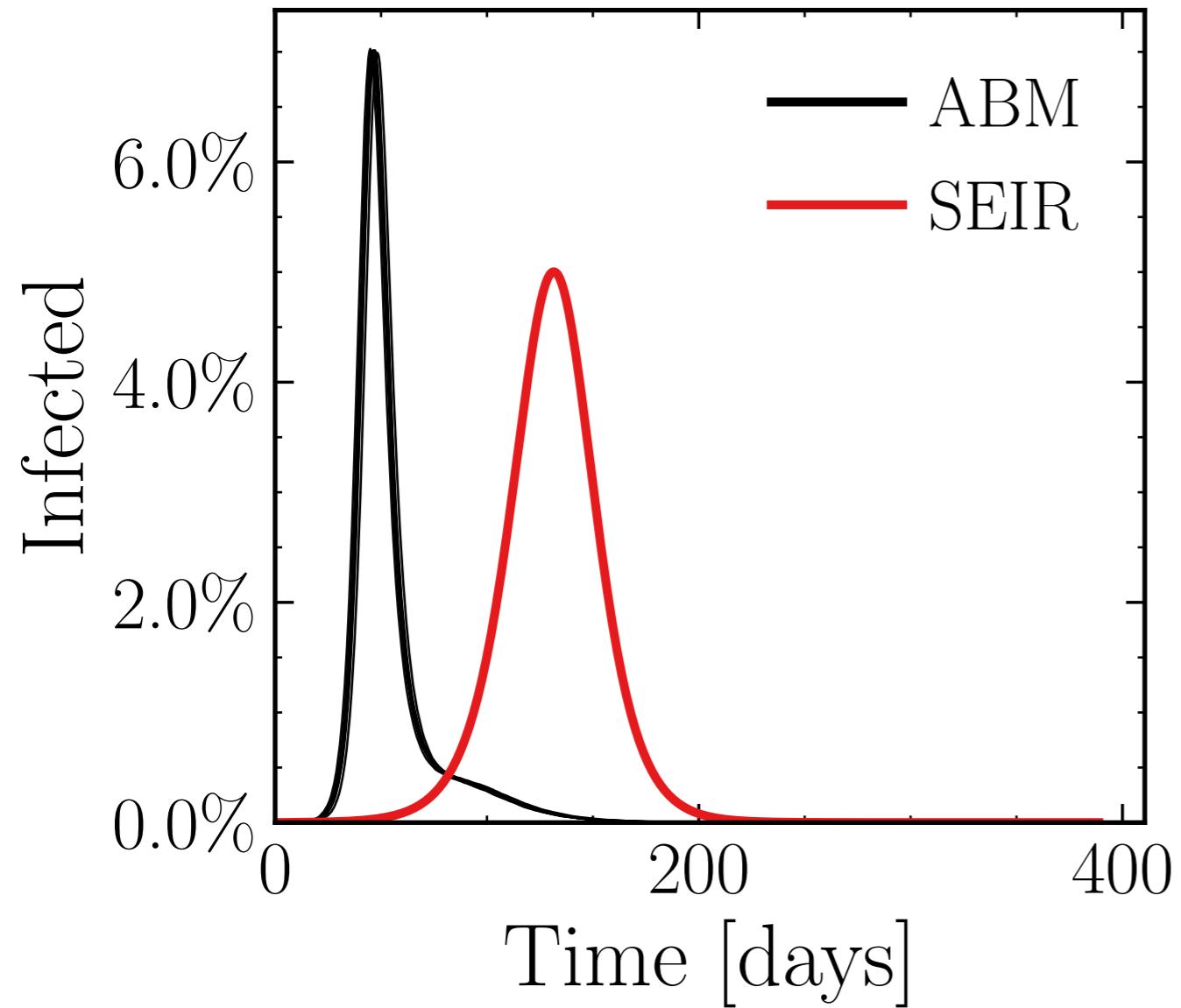
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, $N_{\text{connect}}^{\text{retry}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (350.2 \pm 0.058\%) \cdot 10^3$

v. = 1.0, hash = 26a69d0cf, #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, $N_{\text{retries}}^{\text{connect}} = 0$

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

$I_{\text{peak}}^{\text{ABM}} = (281 \pm 0.089\%) \cdot 10^3$

v. = 1.0, hash = 989d526e0e, #10

$R_\infty^{\text{ABM}} = (3.6065 \pm 0.019\%) \cdot 10^6$

