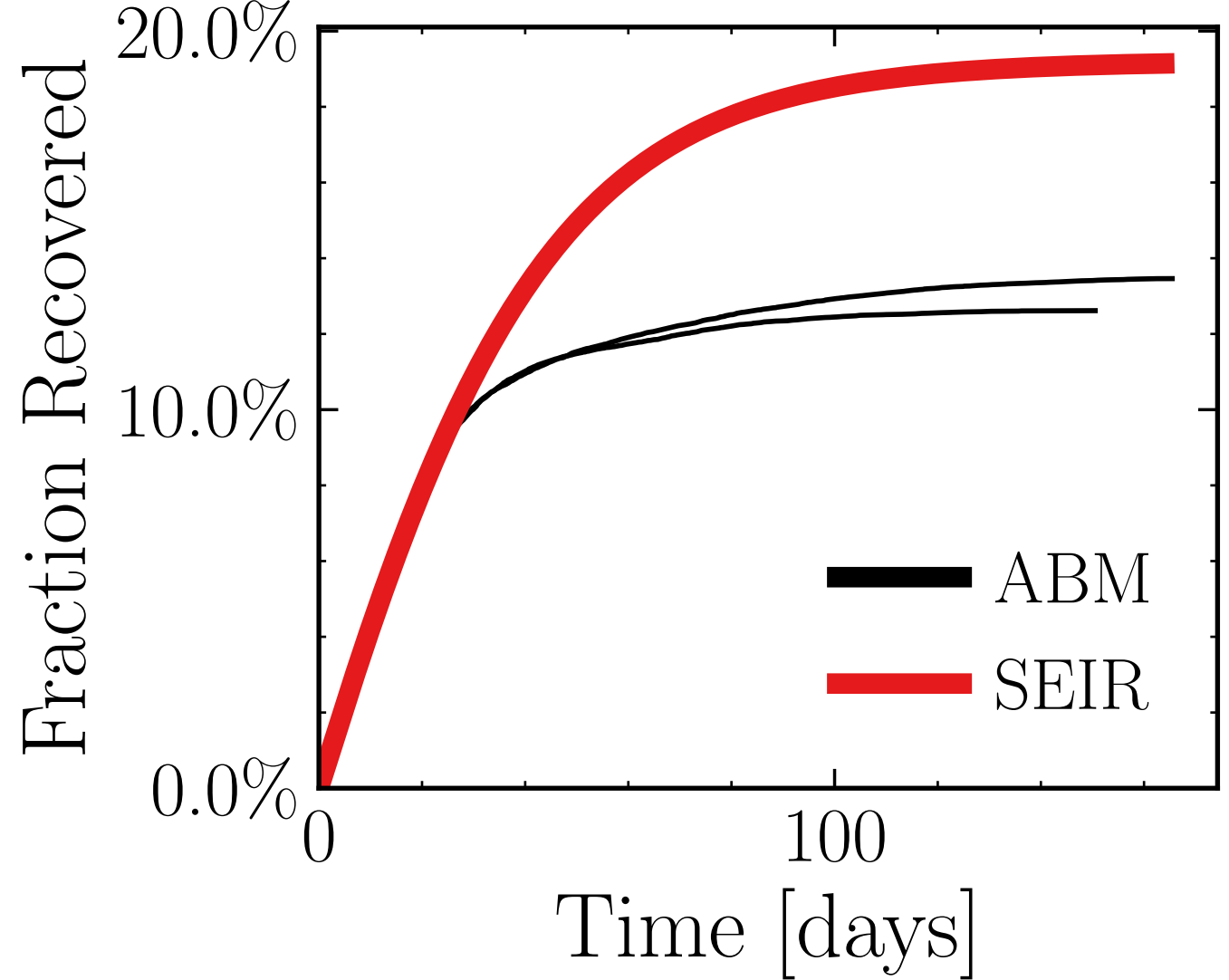
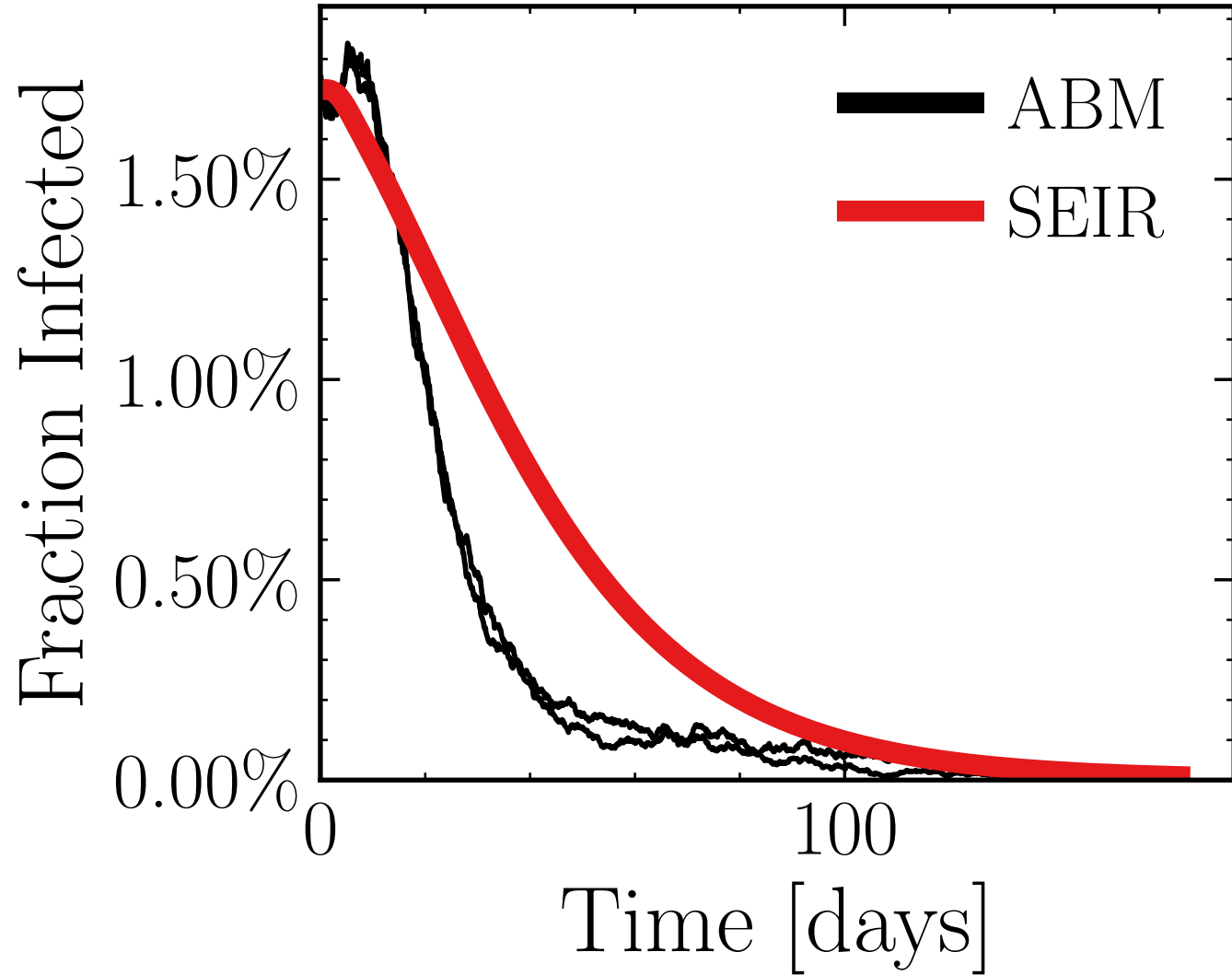
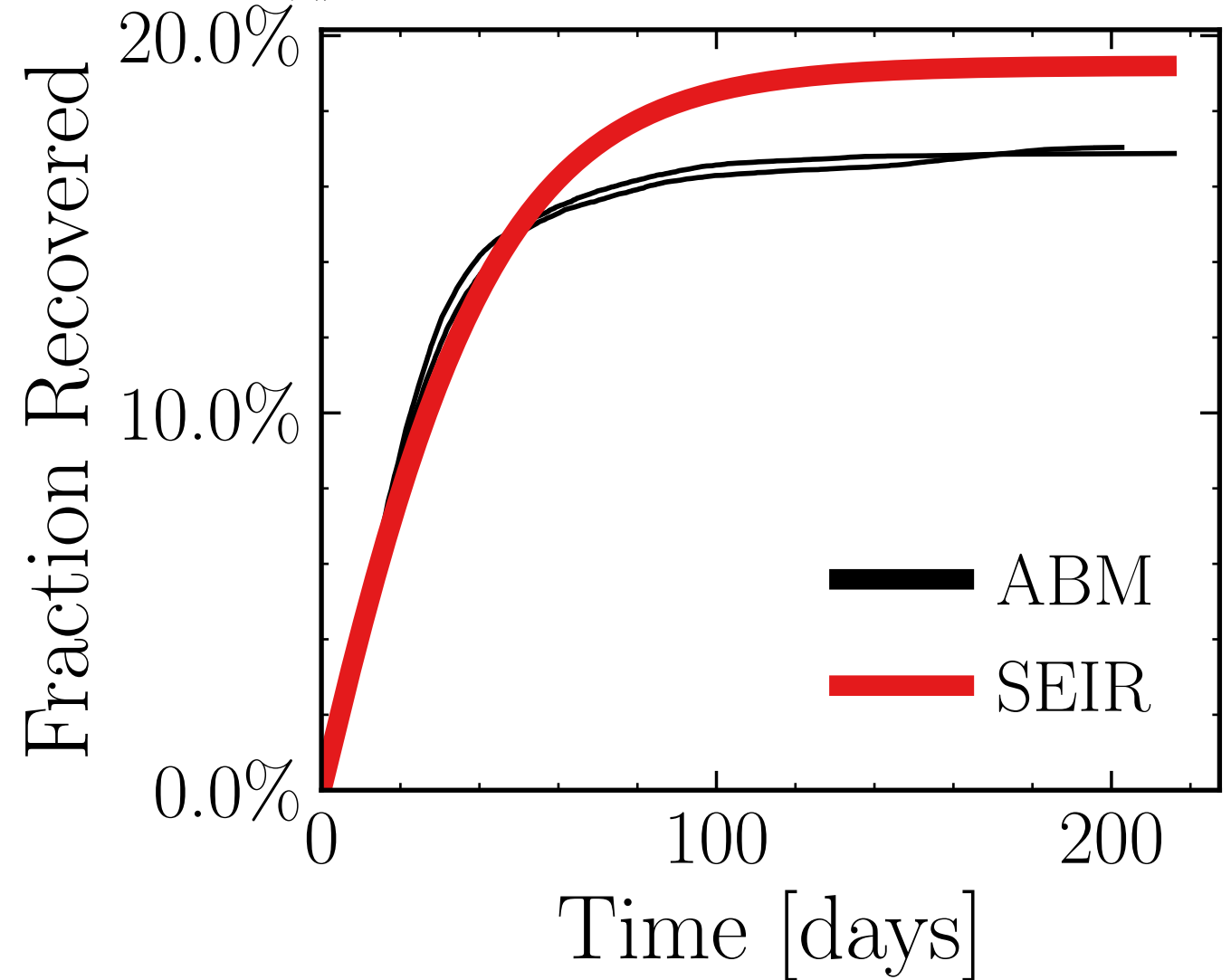
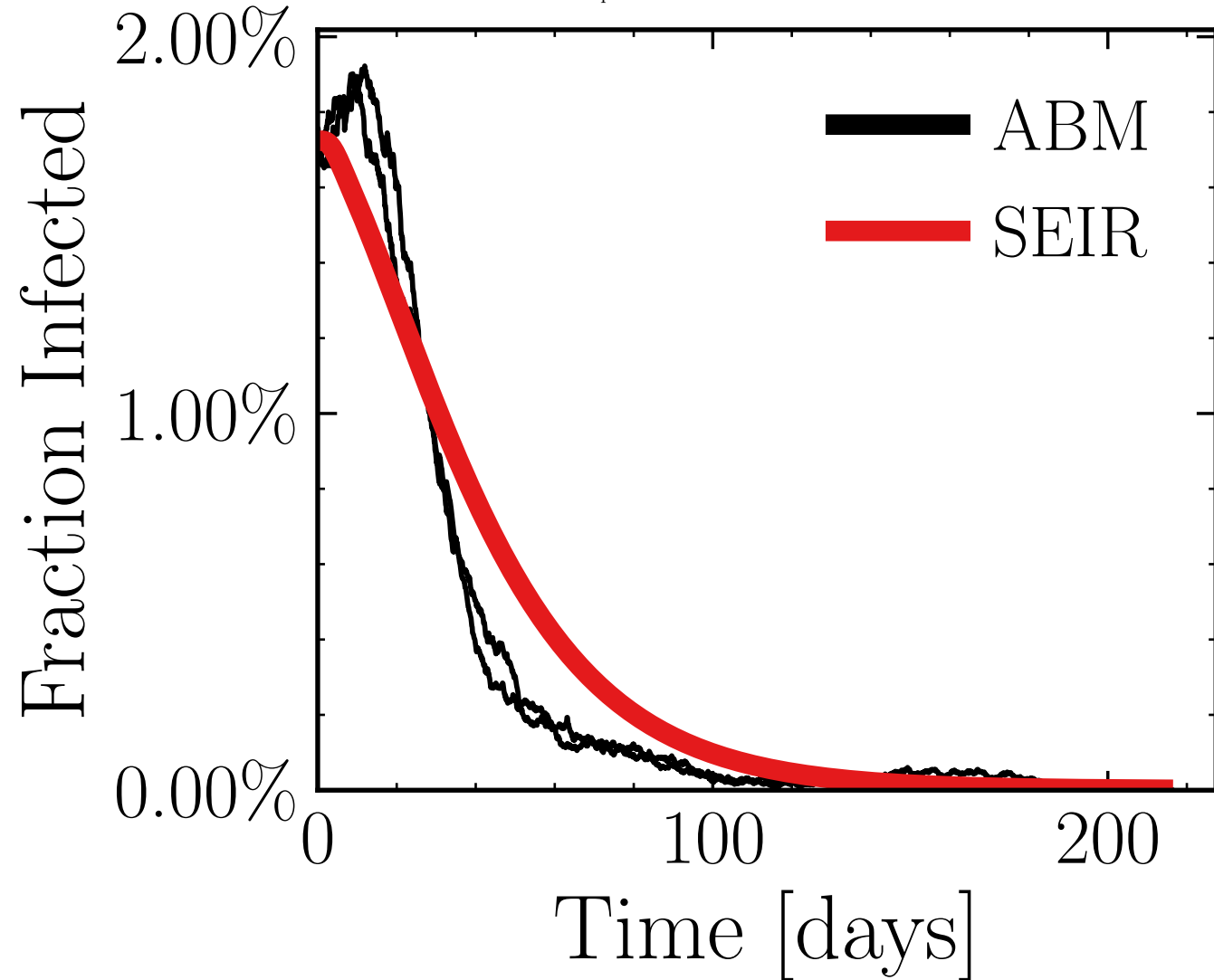


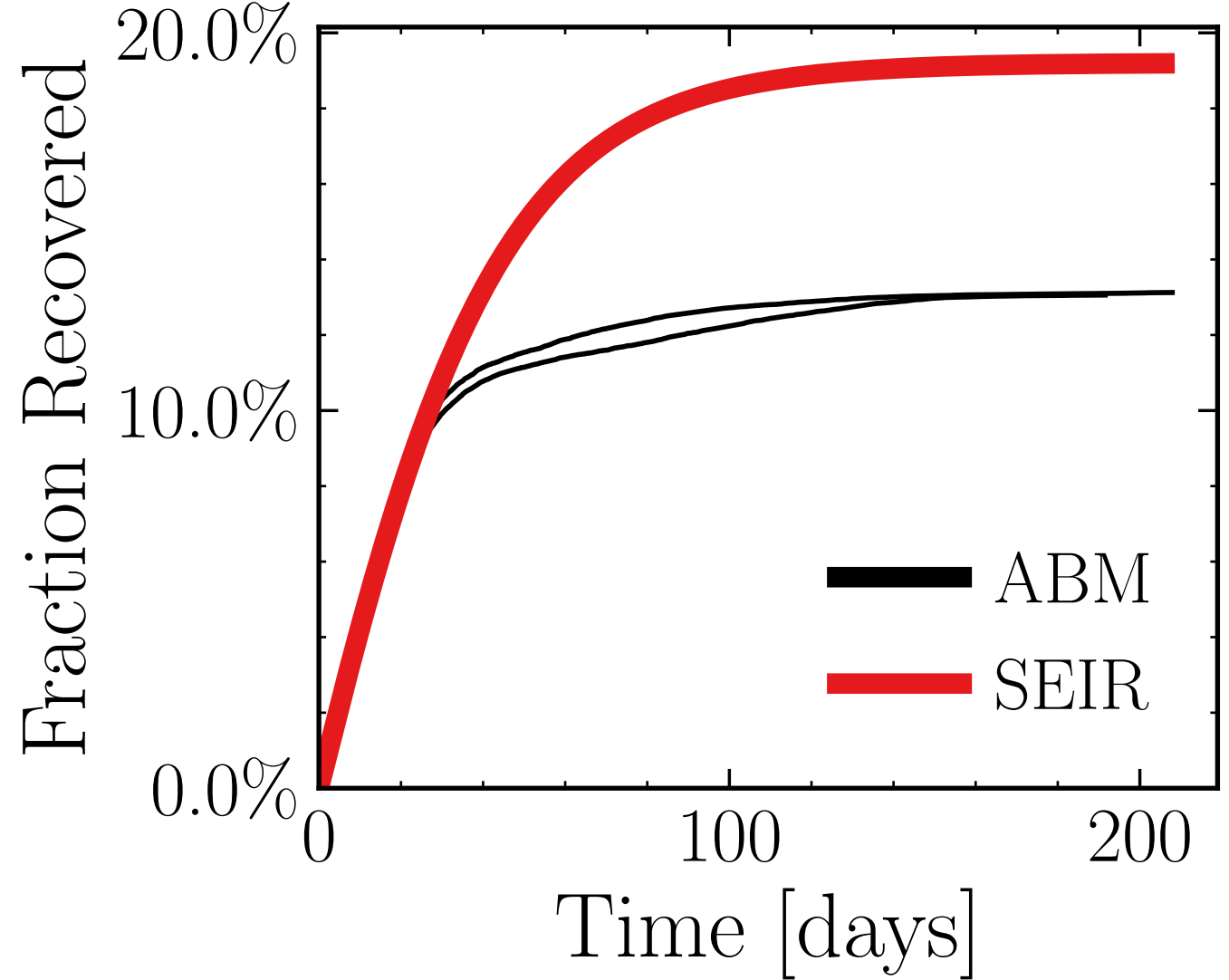
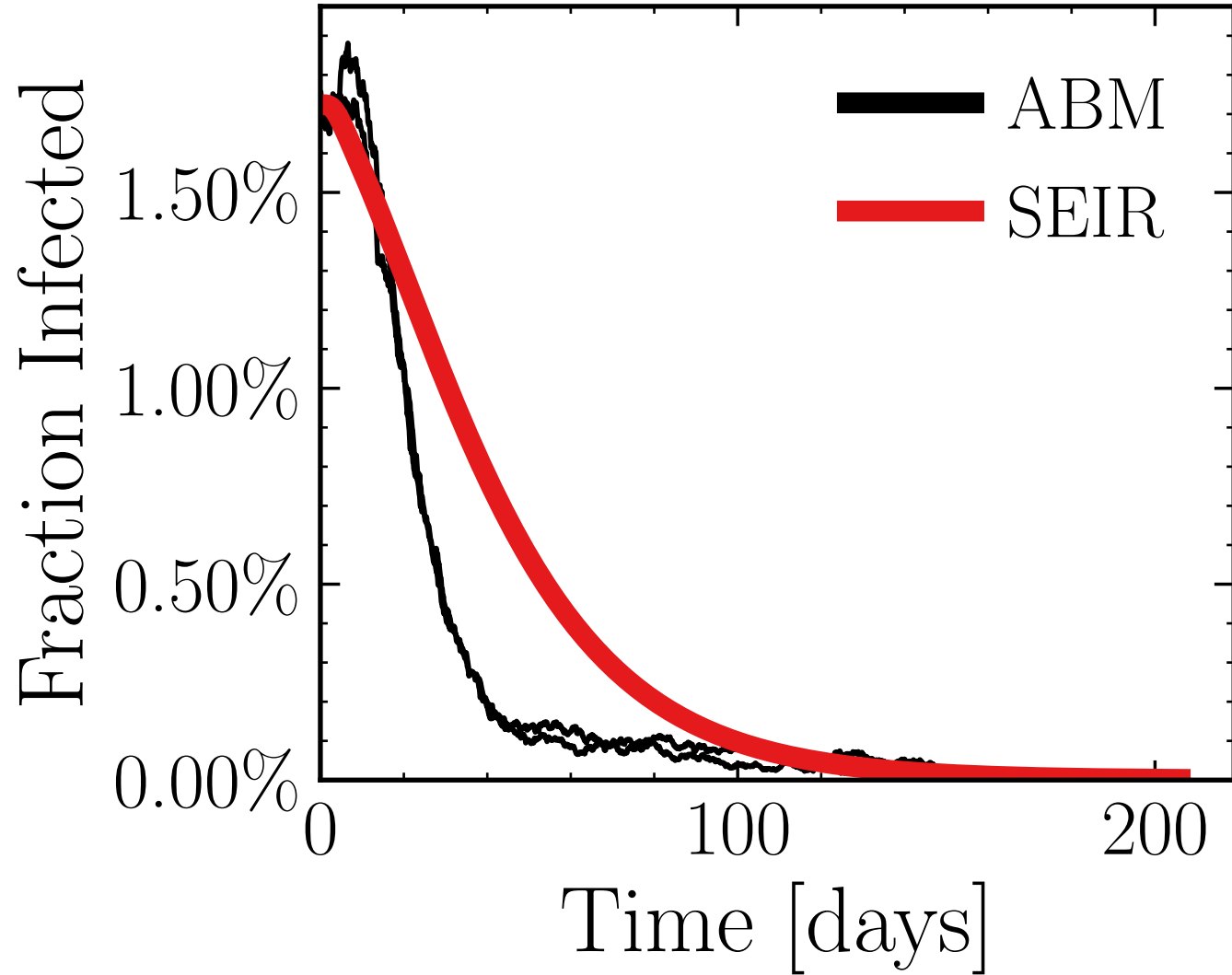
$N_{\text{tot}} = 58K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\text{rand.inf.} = \text{True}$, $\text{w.rand.inf.} = \text{True}$, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 50$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
 $\text{do}_{\text{int.}} = \text{True}$, $\text{int.} = [3, 4, 5, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [20, 20, 20]$
 $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 5$
 $I_{\text{peak}}^{\text{ABM}} = (1.063 \pm 0.27\%) \cdot 10^3$ $v. = 2.1$, $\text{hash} = 5\text{af}258\text{f}199, \#2$ $R_{\infty}^{\text{ABM}} = (7.6 \pm 2.3\%) \cdot 10^3$



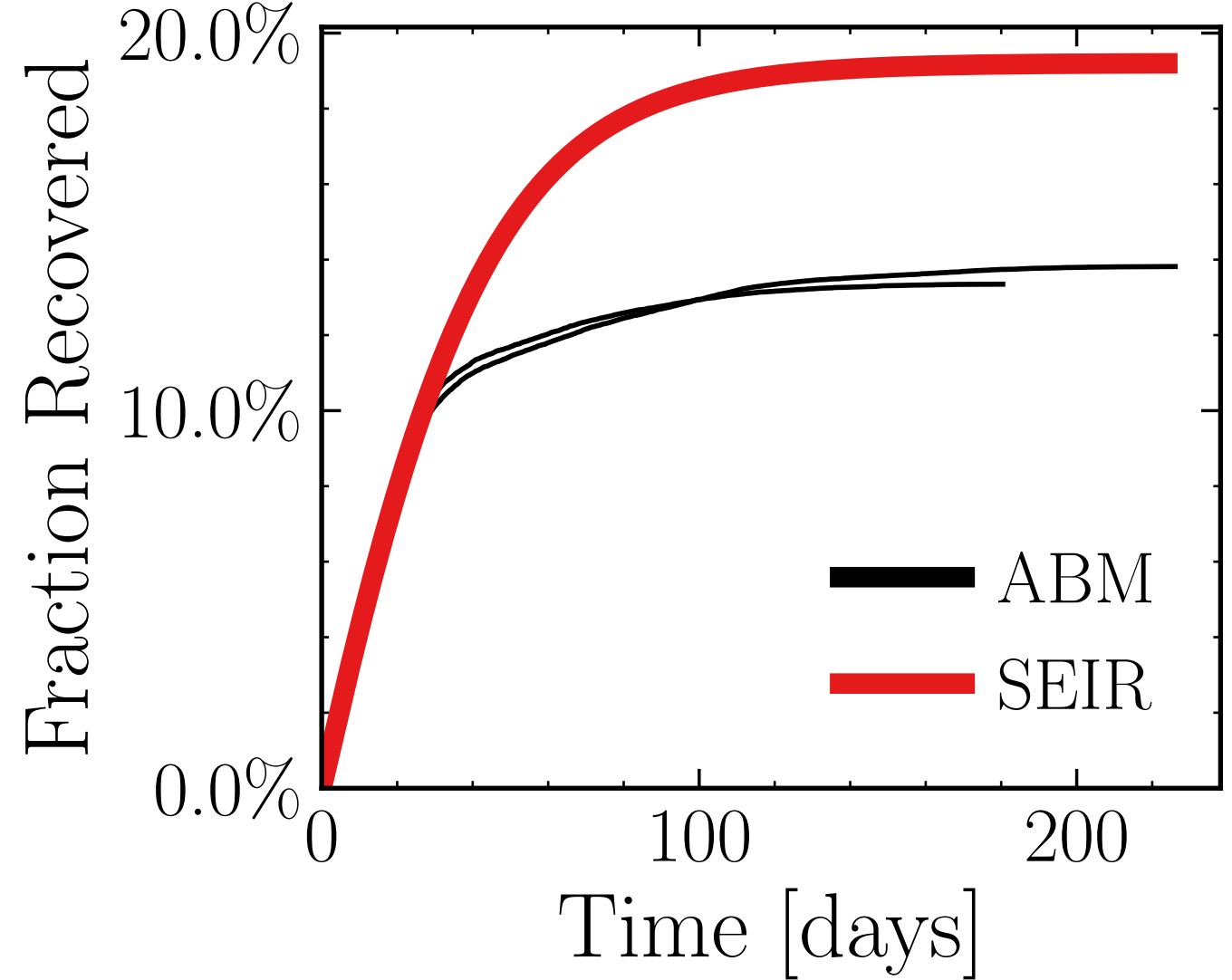
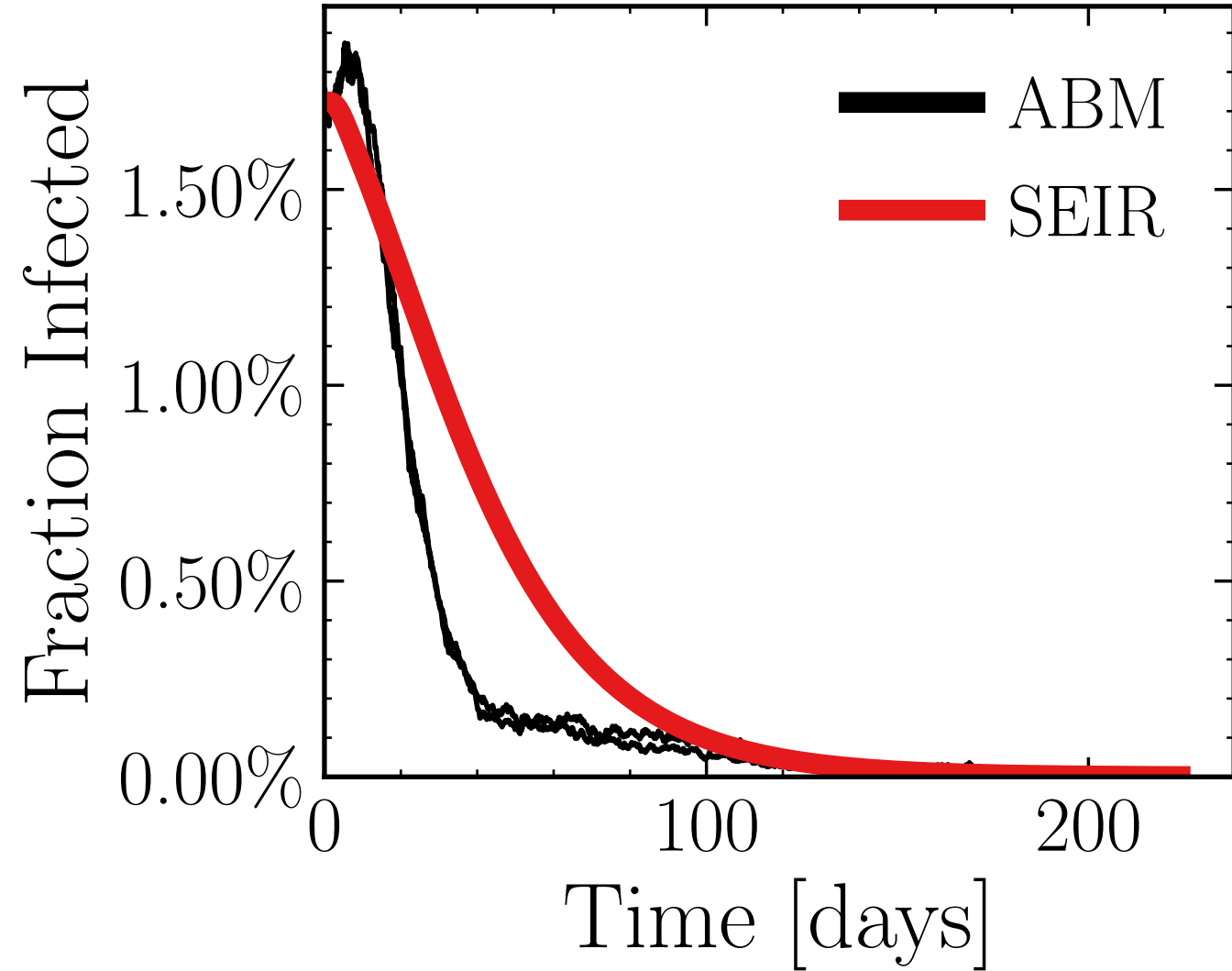
$N_{\text{tot}} = 58K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 0$, event.size.max = 50, event.size.mean = 5.0, event. β_{scaling} = 5.0, event.weekend.multiplier = 2.0
do.int. = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test.delay = [0, 0, 25], result.delay = [20, 20, 20]
chance.find.inf. = [0.0, 0.15, 0.15, 0.15, 0.0], days.look.back = 7, tracking.delay = 0
 $I_{\text{peak}}^{\text{ABM}} = (1.109 \pm 0.38\%) \cdot 10^3$ v. = 2.1, hash = e039af193b, #2 $R_\infty^{\text{ABM}} = (9.84 \pm 0.33\%) \cdot 10^3$



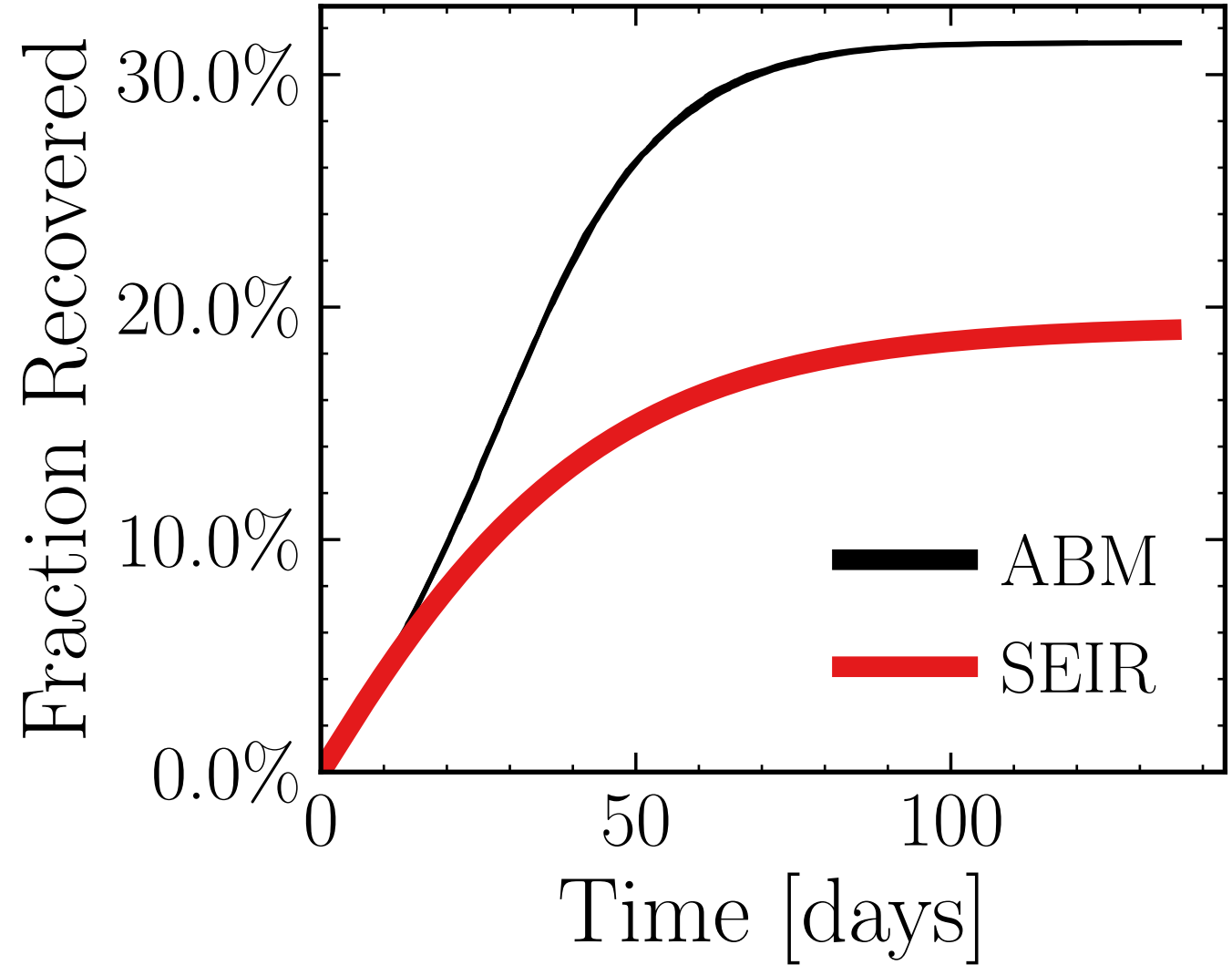
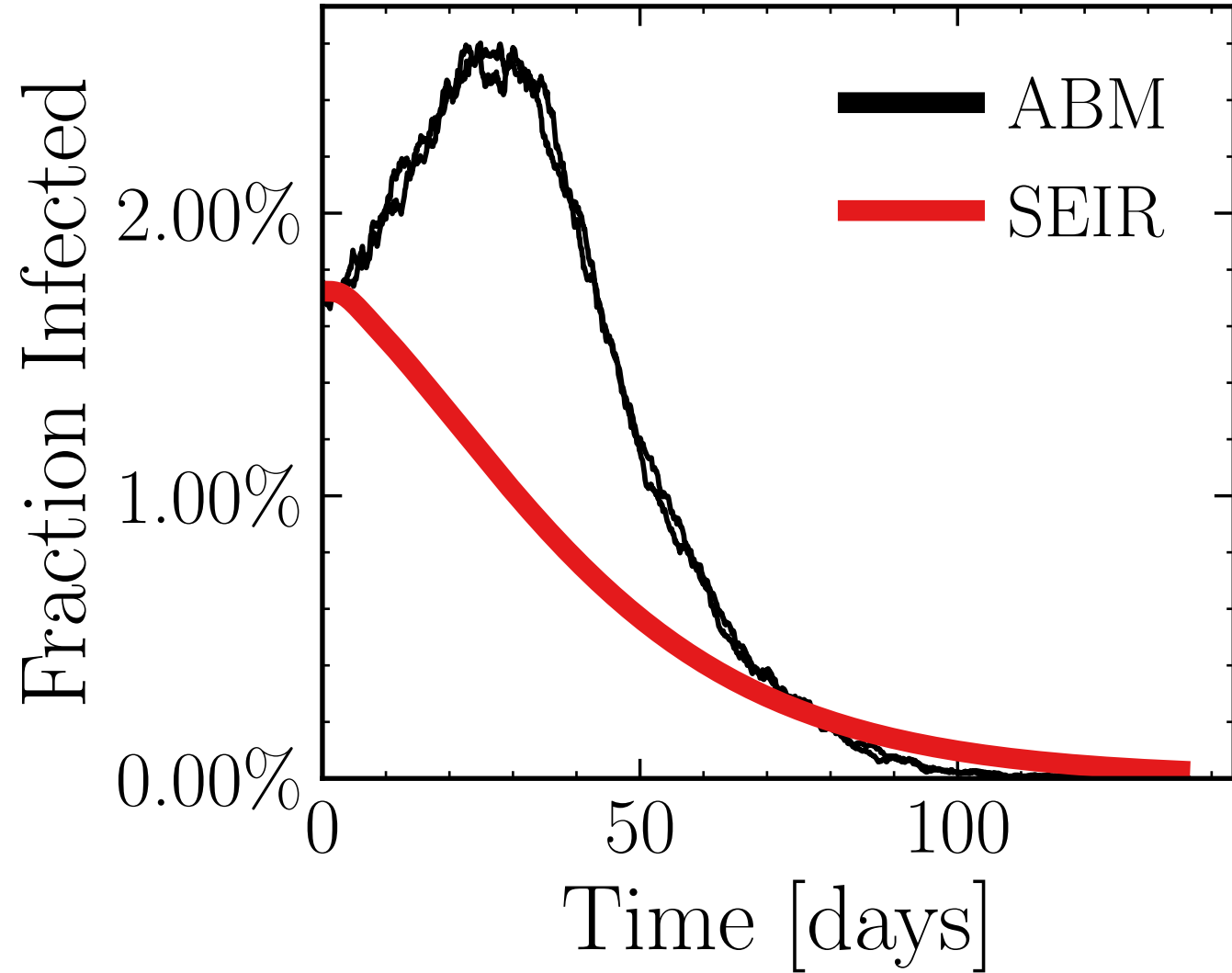
$N_{\text{tot}} = 58K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\text{rand.inf.} = \text{True}$, $\text{w.rand.inf.} = \text{True}$, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 50$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
 $\text{do}_{\text{int.}} = \text{True}$, $\text{int.} = [3, 4, 5, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [20, 20, 20]$
 $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 10$
 $I_{\text{peak}}^{\text{ABM}} = (1.06 \pm 2.4\%) \cdot 10^3$ $v. = 2.1$, $\text{hash} = \text{c6139801e3}$, $\#2$ $R_{\infty}^{\text{ABM}} = (7.59 \pm 0.18\%) \cdot 10^3$



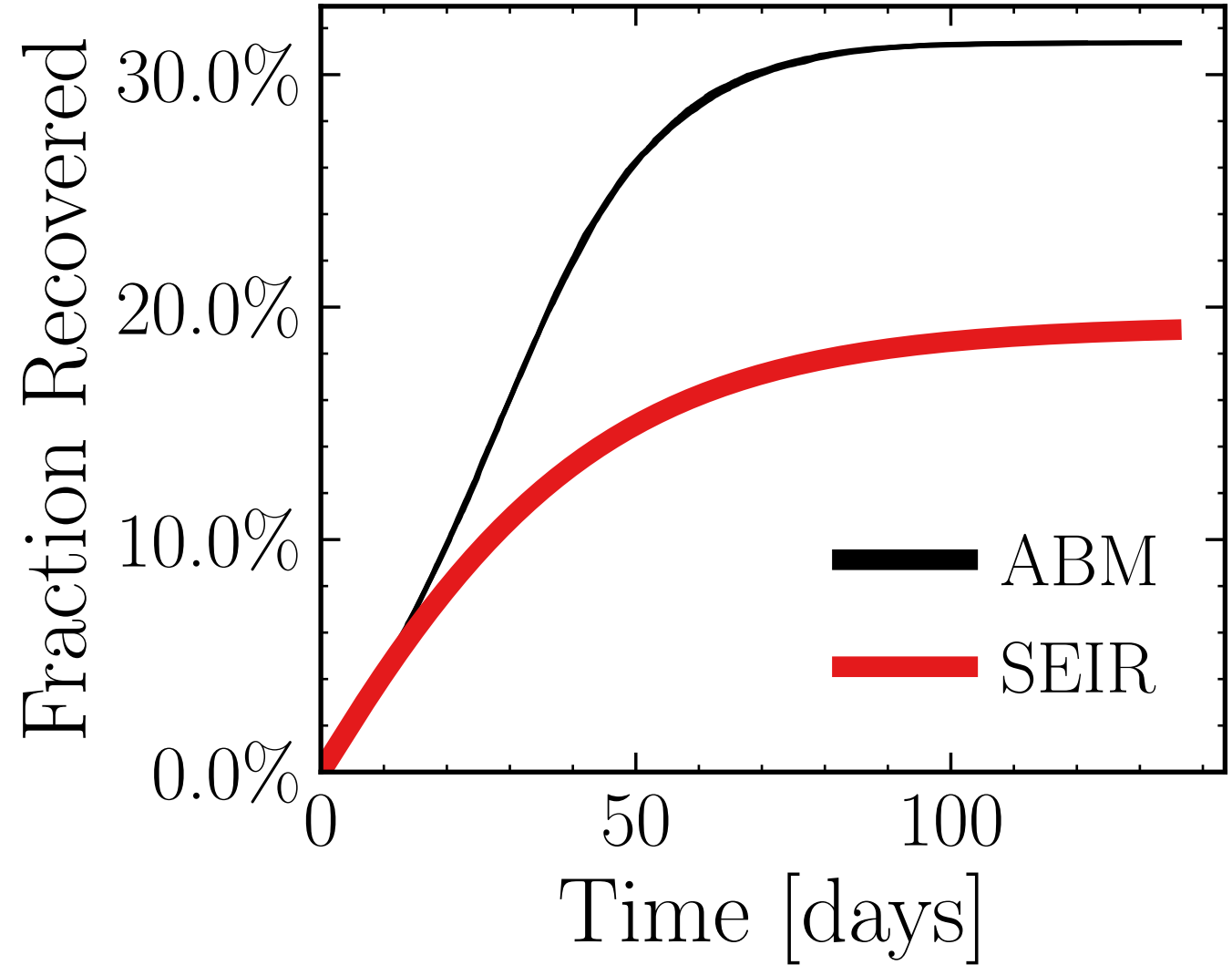
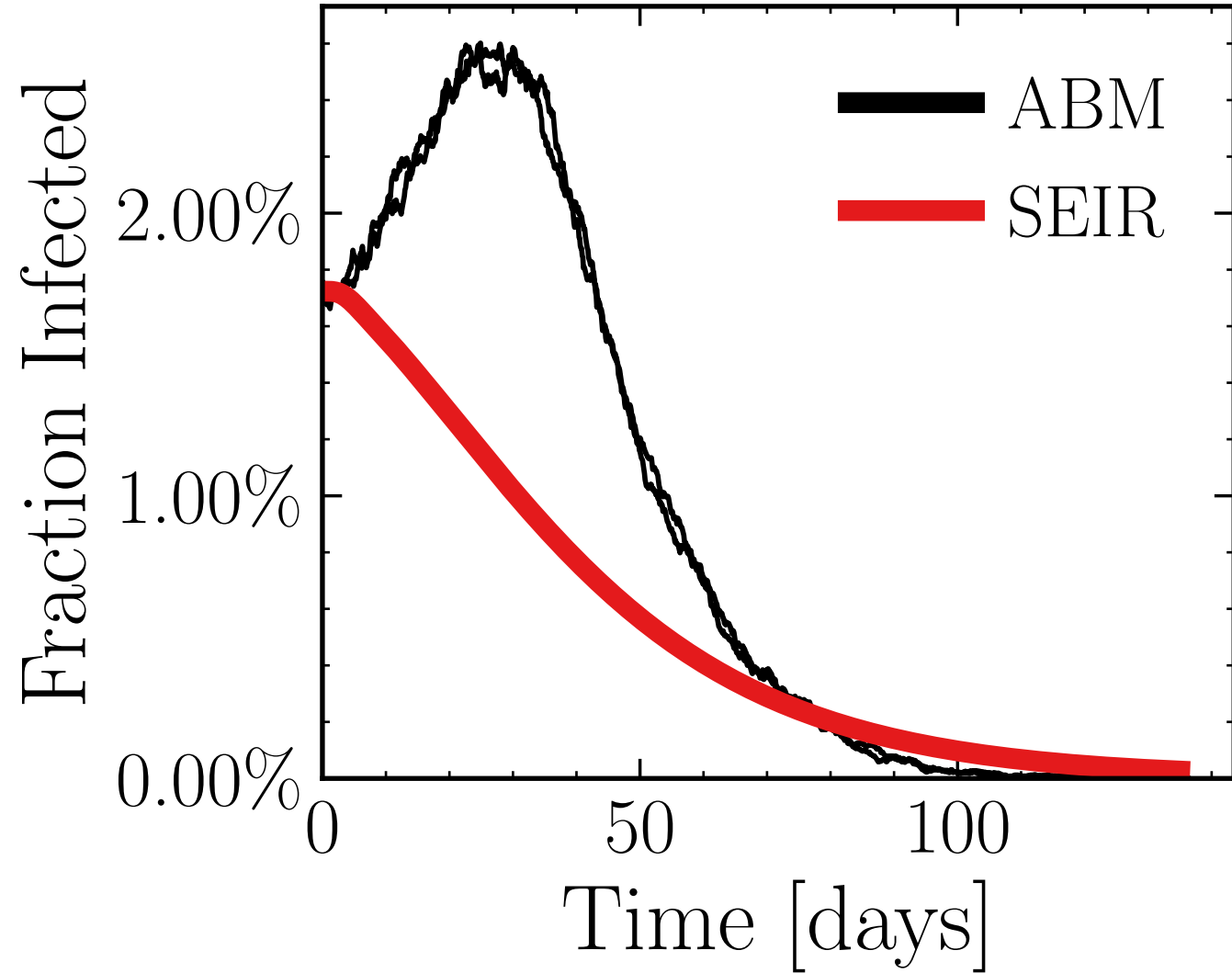
$N_{\text{tot}} = 58K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\text{rand.inf.} = \text{True}$, $\text{w.rand.inf.} = \text{True}$, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 50$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
 $\text{do}_{\text{int.}} = \text{True}$, $\text{int.} = [3, 4, 5, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [20, 20, 20]$
 $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 15$
 $I_{\text{peak}}^{\text{ABM}} = (1.077 \pm 0.66\%) \cdot 10^3$ $v. = 2.1$, $\text{hash} = \text{f0e760bd05, \#2}$ $R_{\infty}^{\text{ABM}} = (7.88 \pm 1.2\%) \cdot 10^3$



$N_{\text{tot}} = 58K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 0$, event_{size_{max}} = 50, event_{size_{mean}} = 5.0, event _{β_{scaling}} = 5.0, event_{weekend_{multiplier}} = 2.0
do_{int.} = True, int. = [3, 4, 5, 6], $f_{\text{dailytests}} = 0.01$, test_{delay} = [0, 0, 25], result_{delay} = [20, 20, 20]
chance_{find.inf.} = [0.0, 0.15, 0.15, 0.15, 0.0], days_{look.back} = 7, tracking_{delay} = 25
 $I_{\text{peak}}^{\text{ABM}} = (1.506 \pm 0.12\%) \cdot 10^3$ v. = 2.1, hash = 6705885d2d, #2 $R_{\infty}^{\text{ABM}} = (18.192 \pm 0.014\%) \cdot 10^3$



$N_{\text{tot}} = 58K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\text{rand.inf.} = \text{True}$, $\text{w.rand.inf.} = \text{True}$, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 50$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
 $\text{do}_{\text{int.}} = \text{True}$, $\text{int.} = [3, 4, 5, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [20, 20, 20]$
 $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 30$
 $I_{\text{peak}}^{\text{ABM}} = (1.506 \pm 0.12\%) \cdot 10^3$ $v. = 2.1$, $\text{hash} = 43\text{e}99\text{ce}34\text{e}$, $\#2$ $R_{\infty}^{\text{ABM}} = (18.192 \pm 0.014\%) \cdot 10^3$



$N_{\text{tot}} = 58K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.012$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, $\text{rand.inf.} = \text{True}$, $\text{w.rand.inf.} = \text{True}$, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$
 $N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 50$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$
 $\text{do}_{\text{int.}} = \text{True}$, $\text{int.} = [3, 4, 5, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [20, 20, 20]$
 $\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 20$
 $I_{\text{peak}}^{\text{ABM}} = (1.104 \pm 0.29\%) \cdot 10^3$ $v. = 2.1$, $\text{hash} = 341b25f527, \#2$ $R_{\infty}^{\text{ABM}} = (8.2 \pm 1.3\%) \cdot 10^3$

