$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.004$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$
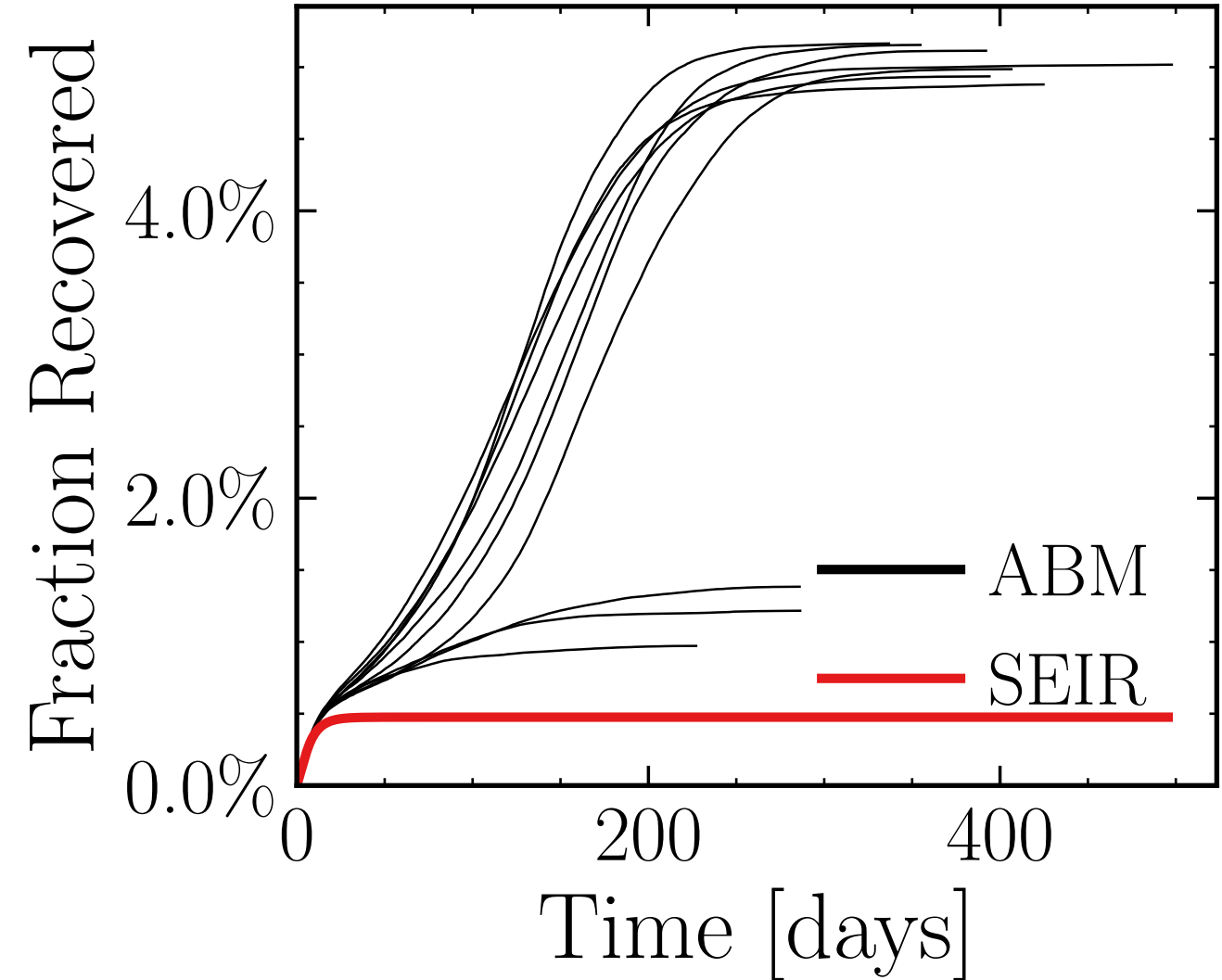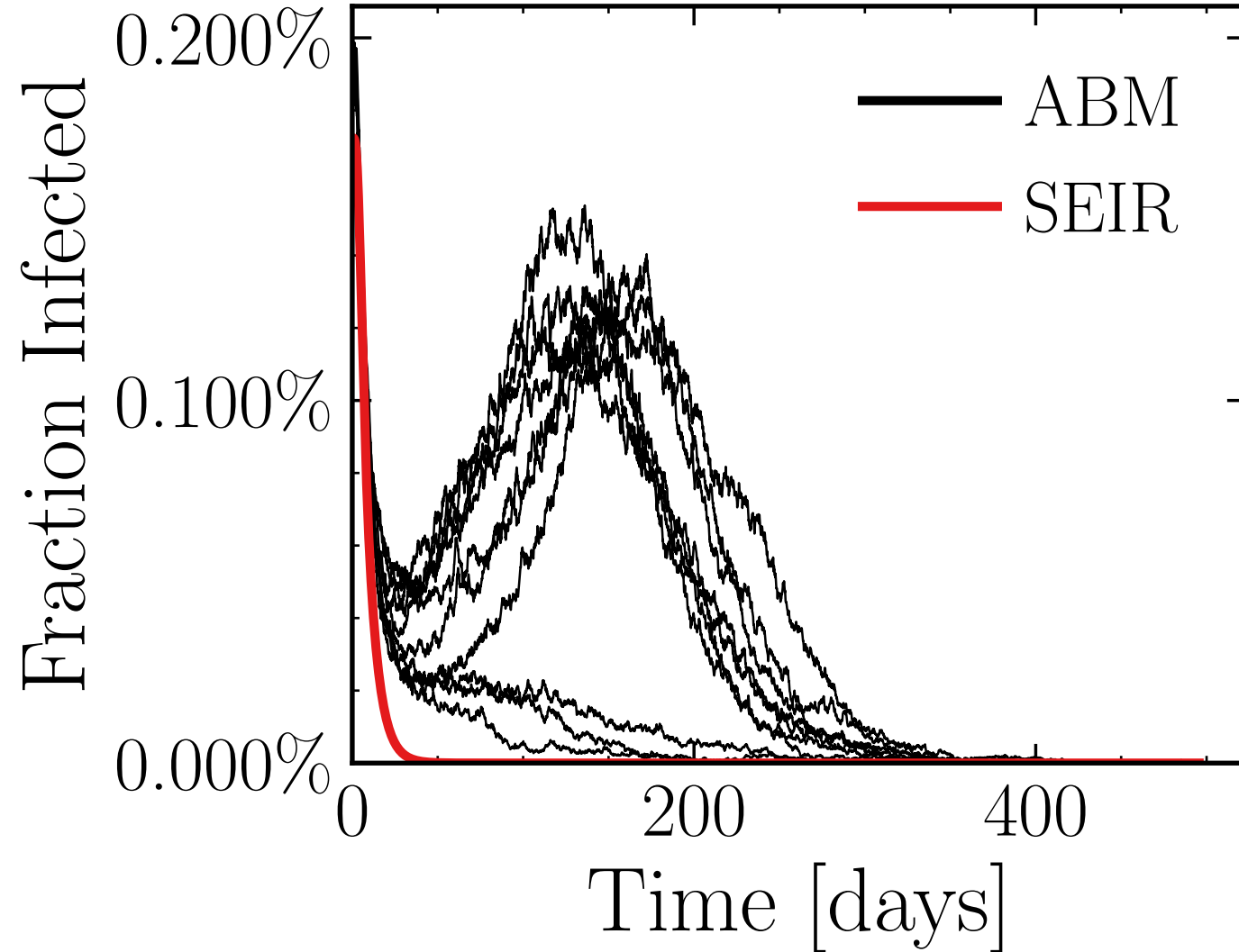
$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$, $N_{\text{init.UK.}} = 200$, $\beta_{\text{UK}} = 1.0$

$N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$

$\text{do}_{\text{int.}} = \text{False}$, int. $= [1, 4, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [5, 10, 5]$

$\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 10$, #10

$I_{\text{peak}}^{\text{ABM}} = (1.123 \pm 0.5\%) \cdot 10^3$ $R_\infty^{\text{ABM}} = (7 \pm 4.9\%) \cdot 10^3$
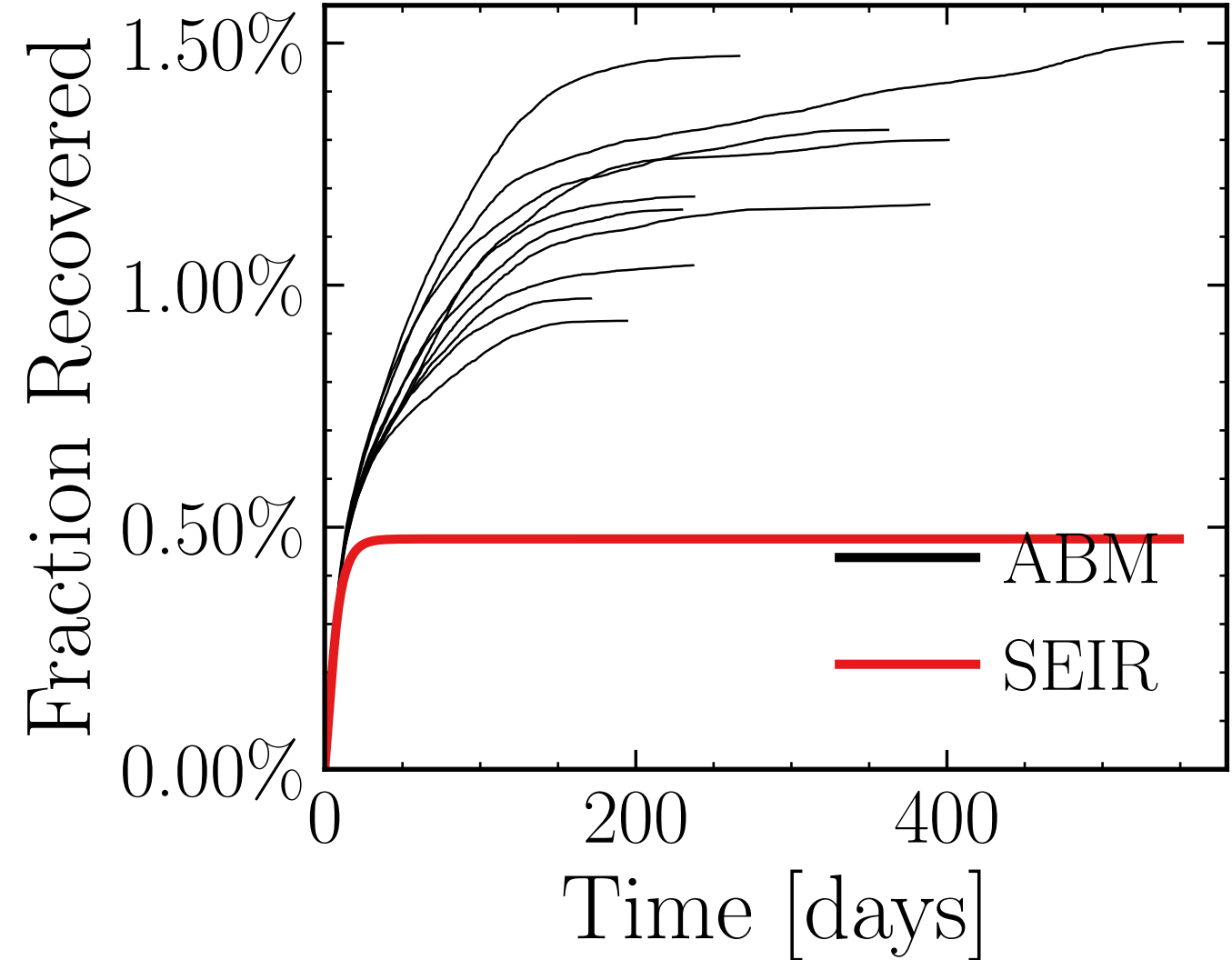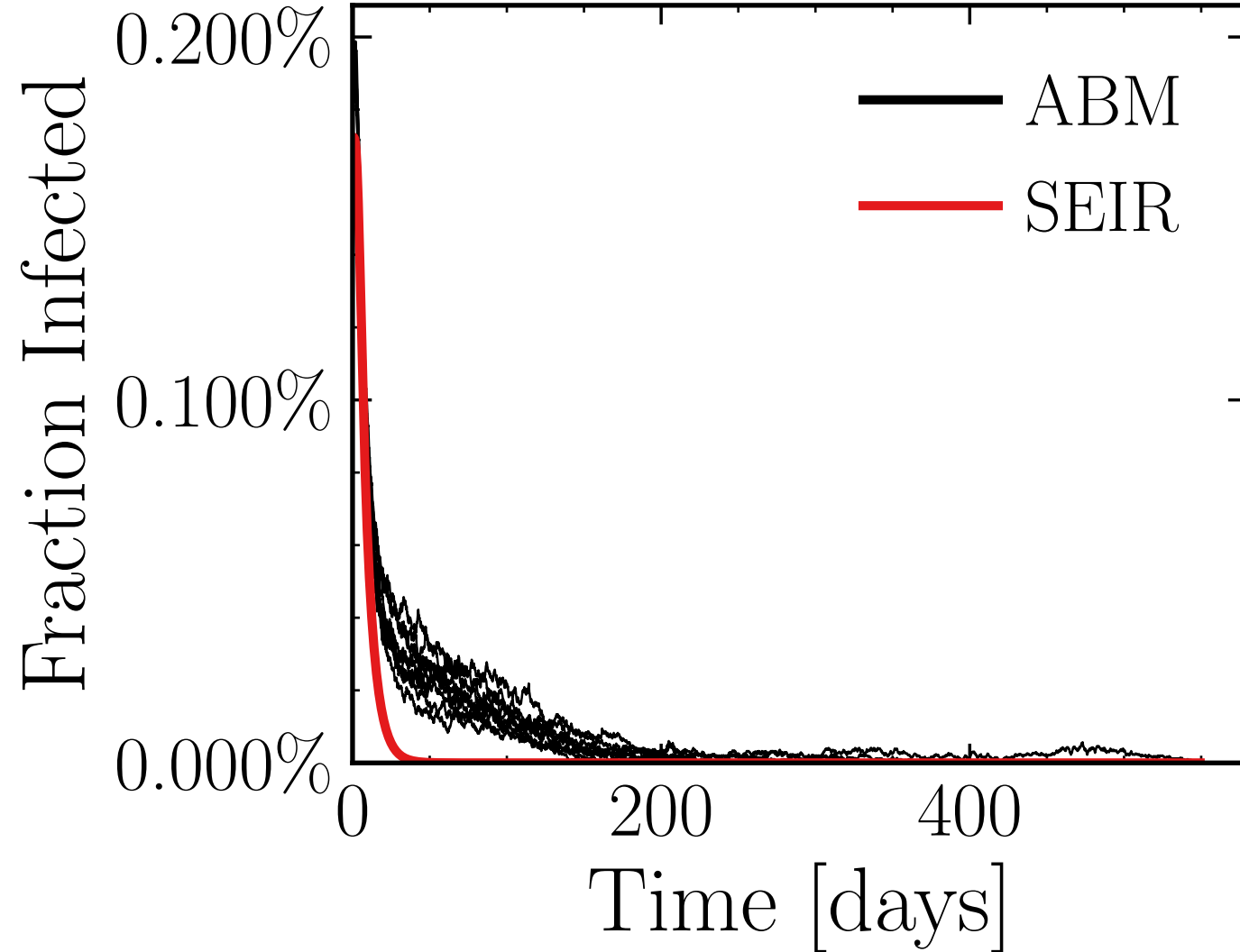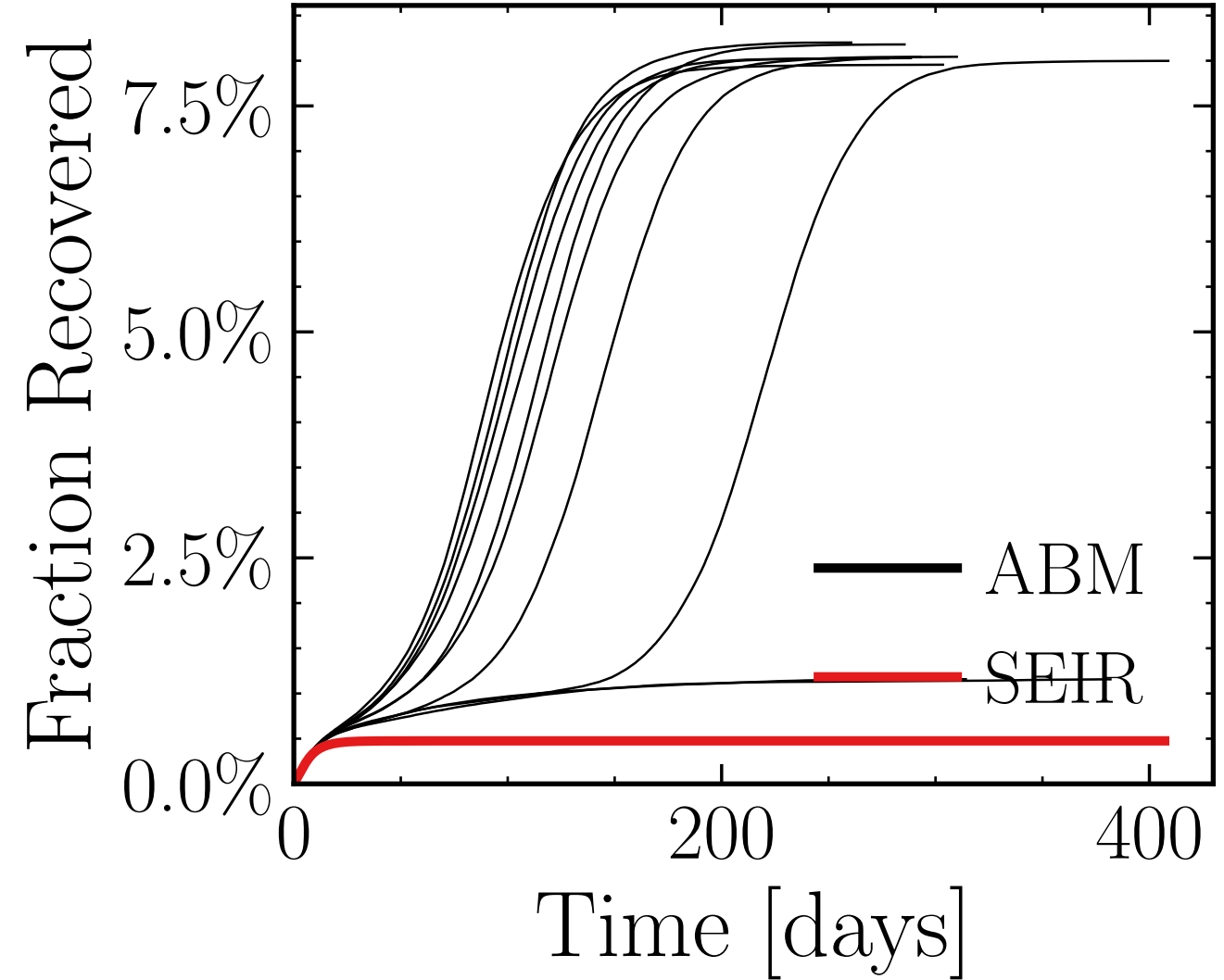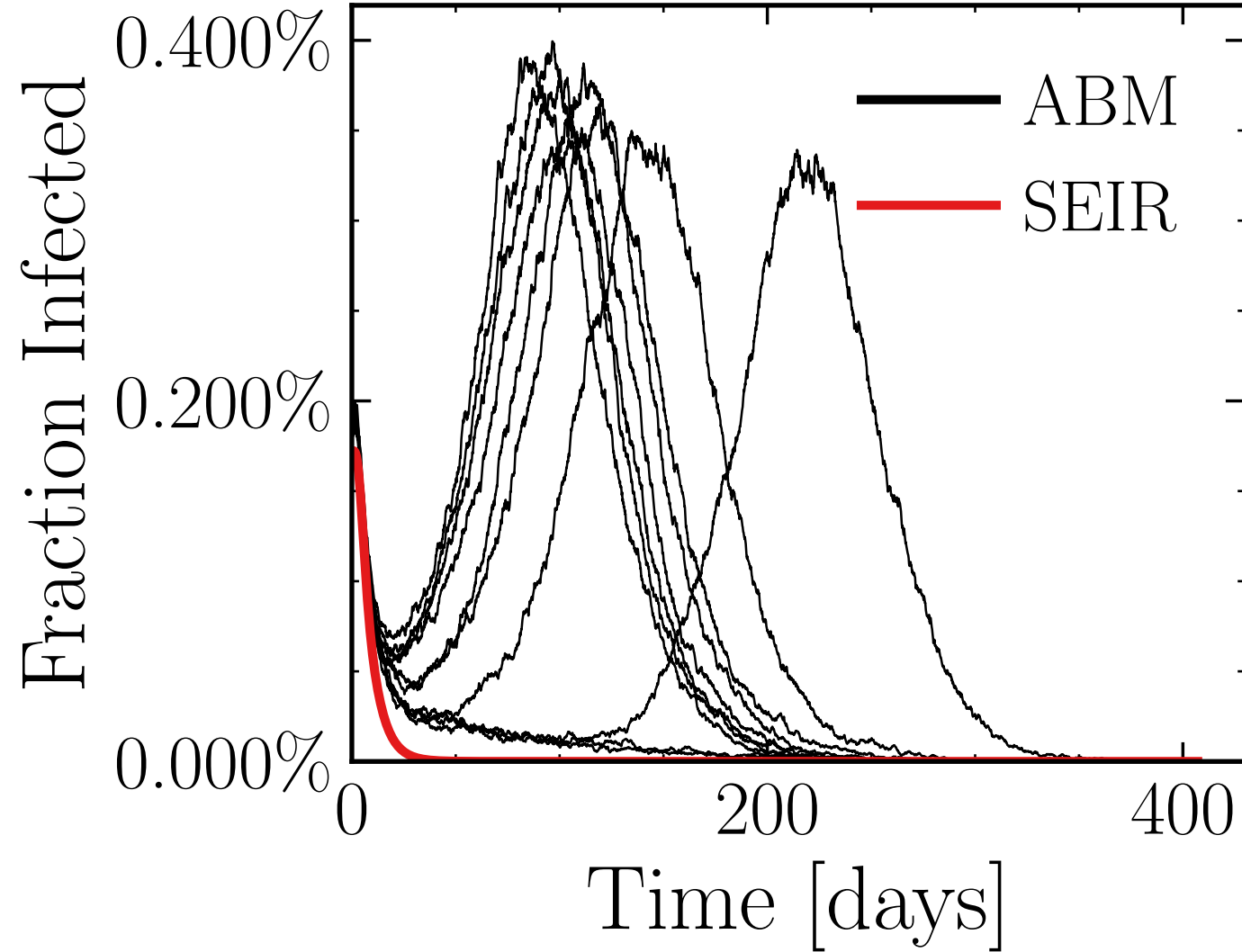
$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.004$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$, $N_{\text{init.UK.}} = 200$, $\beta_{\text{UK}} = 1.3$

$N_{\text{events}} = 0$, event$_{\text{size}_{\text{max}}} = 10$, event$_{\text{size}_{\text{mean}}} = 5.0$, event$_{\beta_{\text{scaling}}} = 5.0$, event$_{\text{weekend}_{\text{multiplier}}} = 2.0$

do$_{\text{int.}}$ = False, int. = $[1, 4, 6]$, $f_{\text{dailytests}} = 0.01$, test$_{\text{delay}} = [0, 0, 25]$, result$_{\text{delay}} = [5, 10, 5]$

chance$_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, days$_{\text{look.back}} = 7$, tracking$_{\text{delay}} = 10$, #10

$I_{\text{peak}}^{\text{ABM}} = (1.12 \pm 0.53\%) \cdot 10^3$

$R_\infty^{\text{ABM}} = (23 \pm 1.4e + 01\%) \cdot 10^3$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.004$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\text{max}}} = 0$, $N_{\text{init.UK.}} = 200$, $\beta_{\text{UK}} = 1.5$

$N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\text{max}}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$

$\text{do}_{\text{int.}} = \text{False}$, int. $= [1, 4, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [5, 10, 5]$

$\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 10$, #10

$I_{\text{peak}}^{\text{ABM}} = (1.9 \pm 6.9\%) \cdot 10^3$ $R_\infty^{\text{ABM}} = (39 \pm 1.3e+01\%) \cdot 10^3$

$N_{\text{tot}} = 580K$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.004$, $\sigma_\beta = 0.0$, $N_{\text{init}} = 2K$

$\lambda_E = 1.0$, $\lambda_I = 1.0$, rand.inf. = True, w.rand.inf. = True, $N_{\text{retries}}^{\text{connect}} = 0$, $f_{\text{work/other}} = 0.5$, $N_{\text{contacts}_{\max}} = 0$, $N_{\text{init.UK.}} = 200$, $\beta_{\text{UK}} = 1.7$

$N_{\text{events}} = 0$, $\text{event}_{\text{size}_{\max}} = 10$, $\text{event}_{\text{size}_{\text{mean}}} = 5.0$, $\text{event}_{\beta_{\text{scaling}}} = 5.0$, $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$

$\text{do}_{\text{int.}} = \text{False}$, int. $= [1, 4, 6]$, $f_{\text{dailytests}} = 0.01$, $\text{test}_{\text{delay}} = [0, 0, 25]$, $\text{result}_{\text{delay}} = [5, 10, 5]$

$\text{chance}_{\text{find.inf.}} = [0.0, 0.15, 0.15, 0.15, 0.0]$, $\text{days}_{\text{look.back}} = 7$, $\text{tracking}_{\text{delay}} = 10$, #10

$I_{\text{peak}}^{\text{ABM}} = (3.8 \pm 7.5\%) \cdot 10^3$ $\qquad\qquad$ $R_\infty^{\text{ABM}} = (57 \pm 9.3\%) \cdot 10^3$