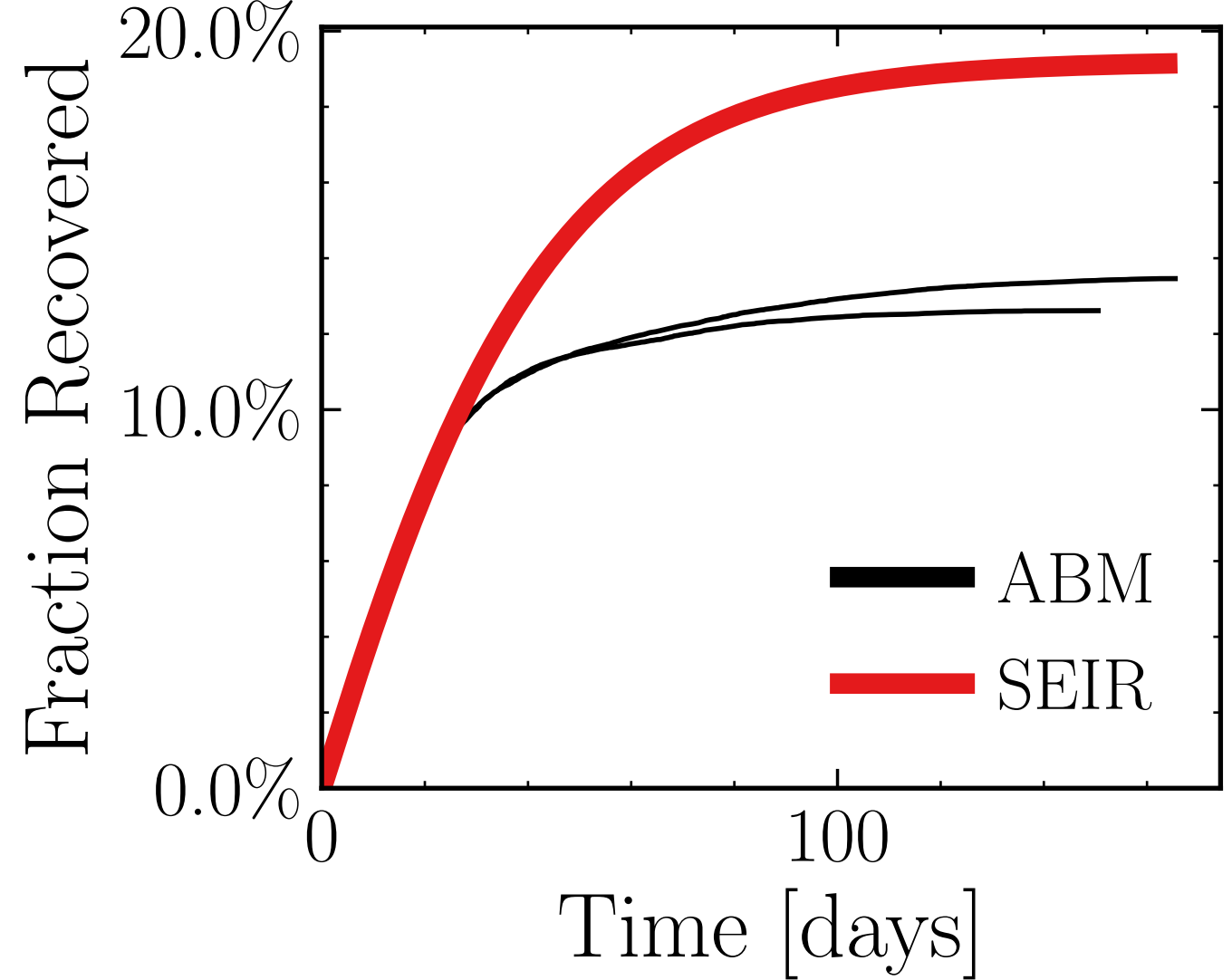
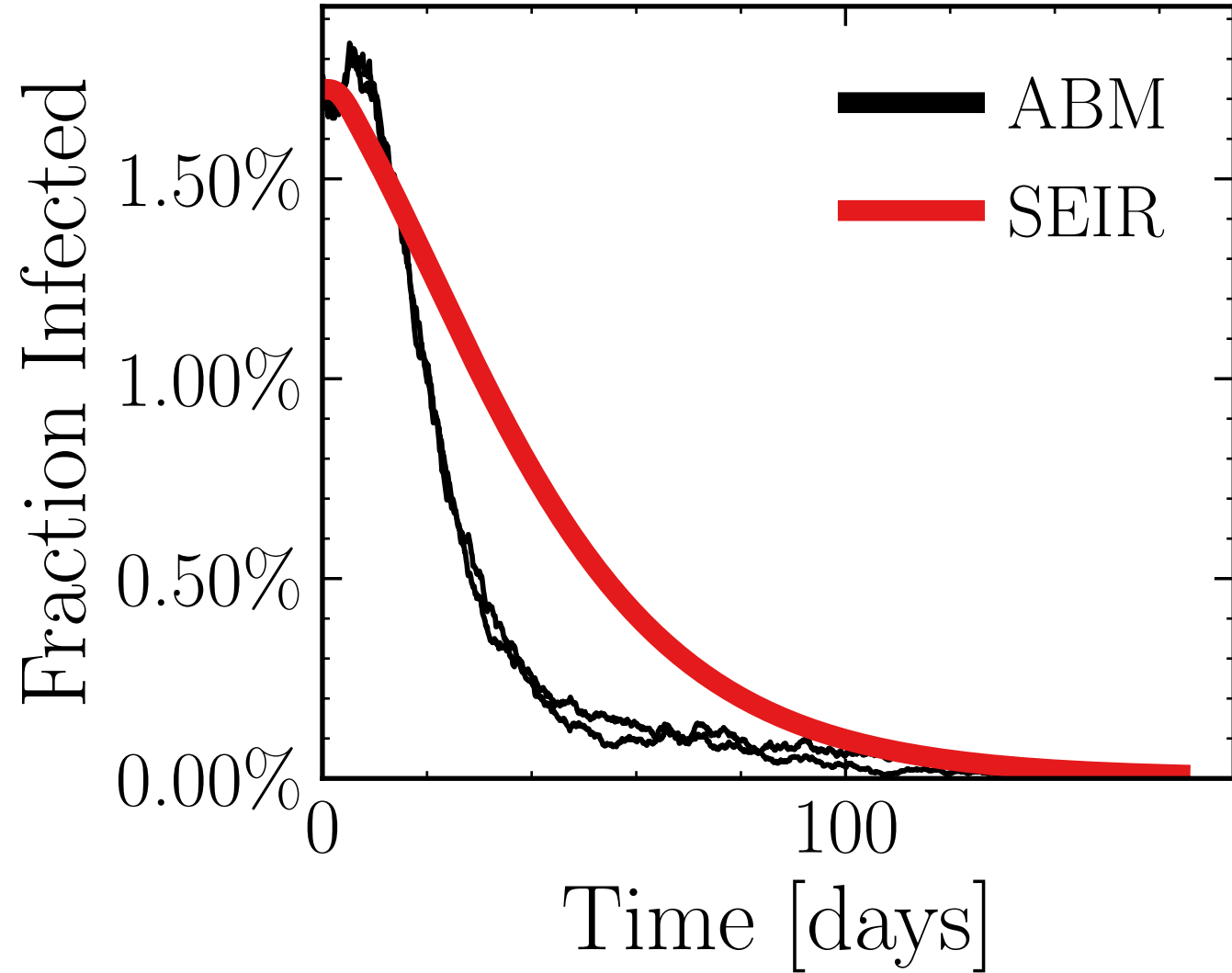
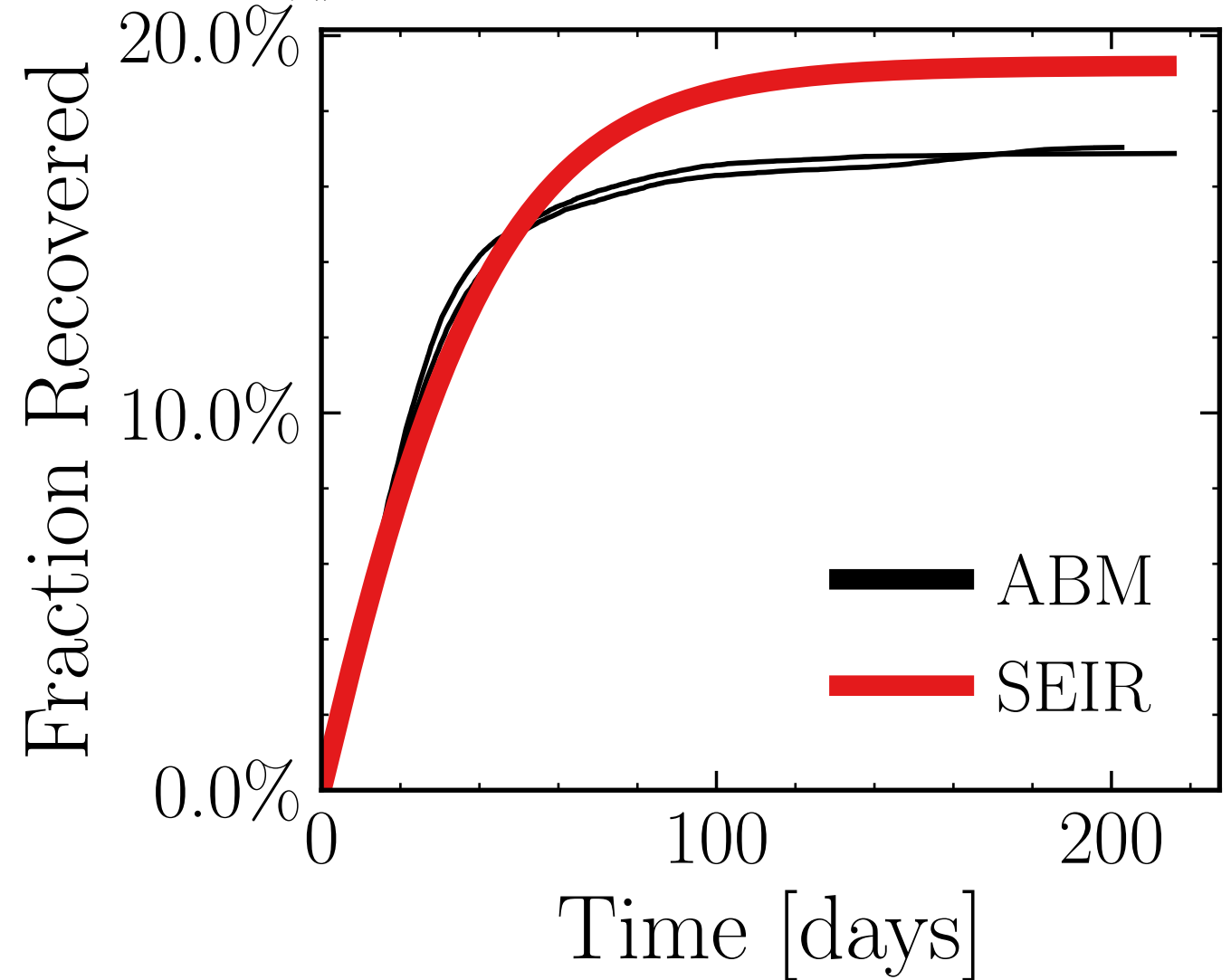
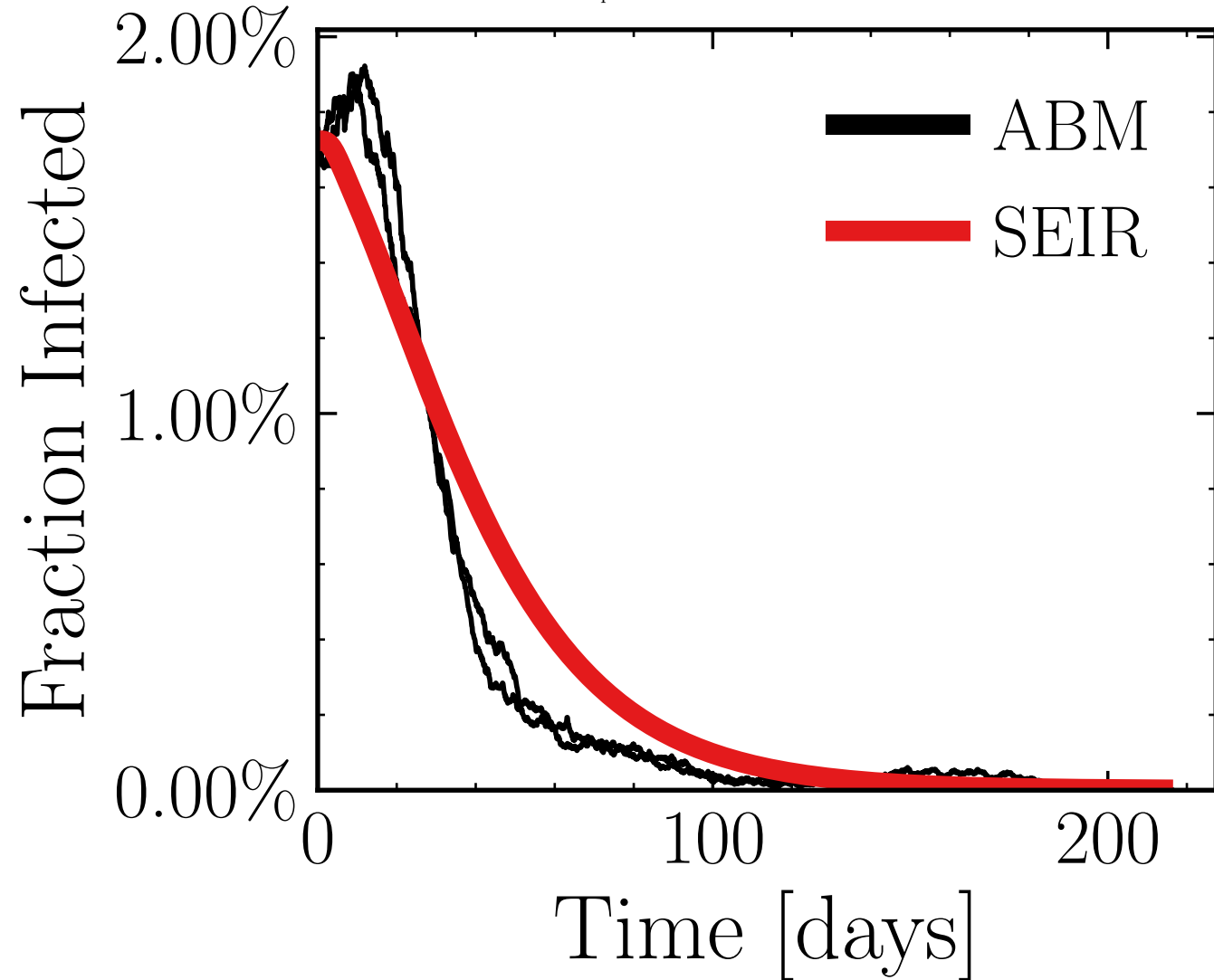


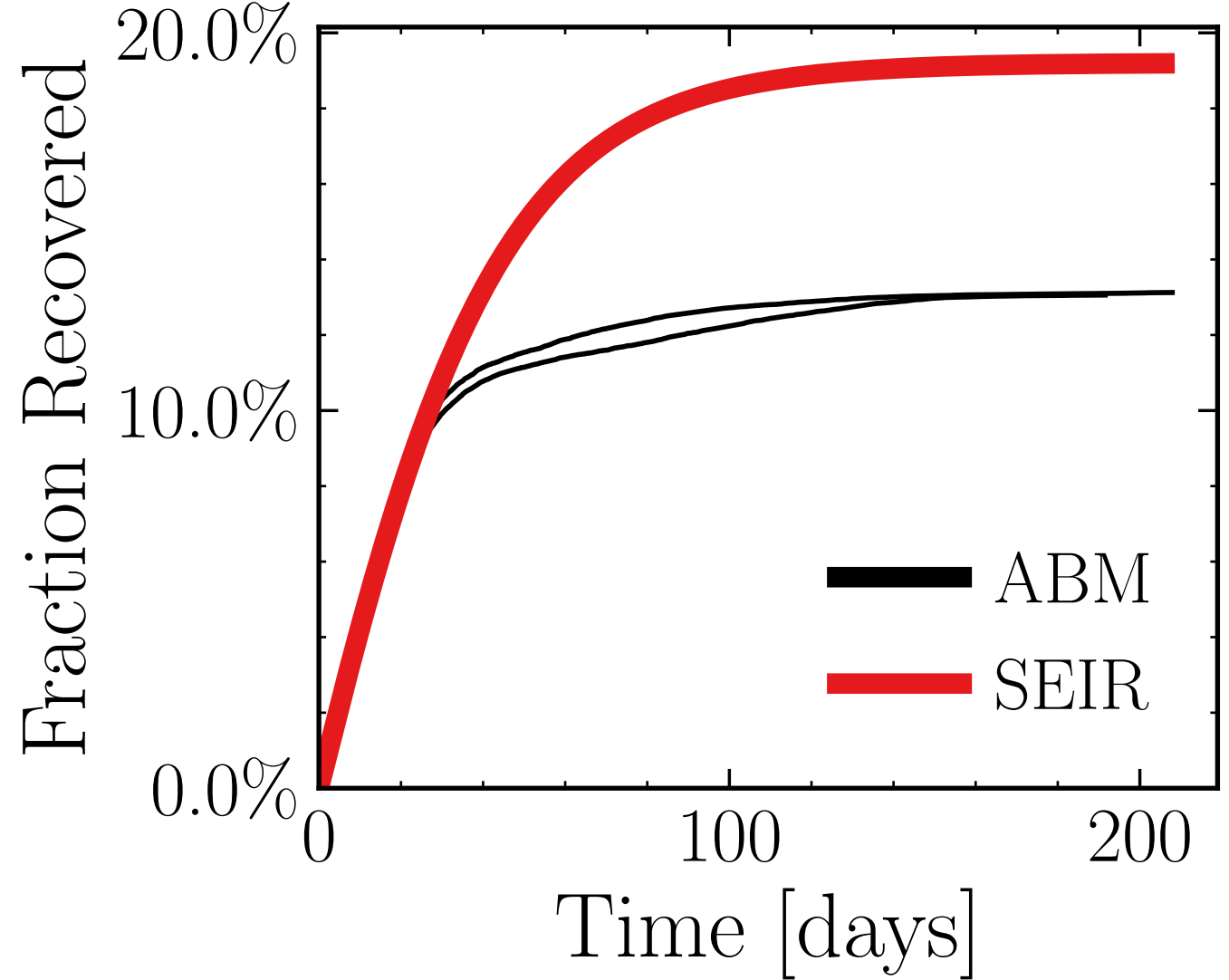
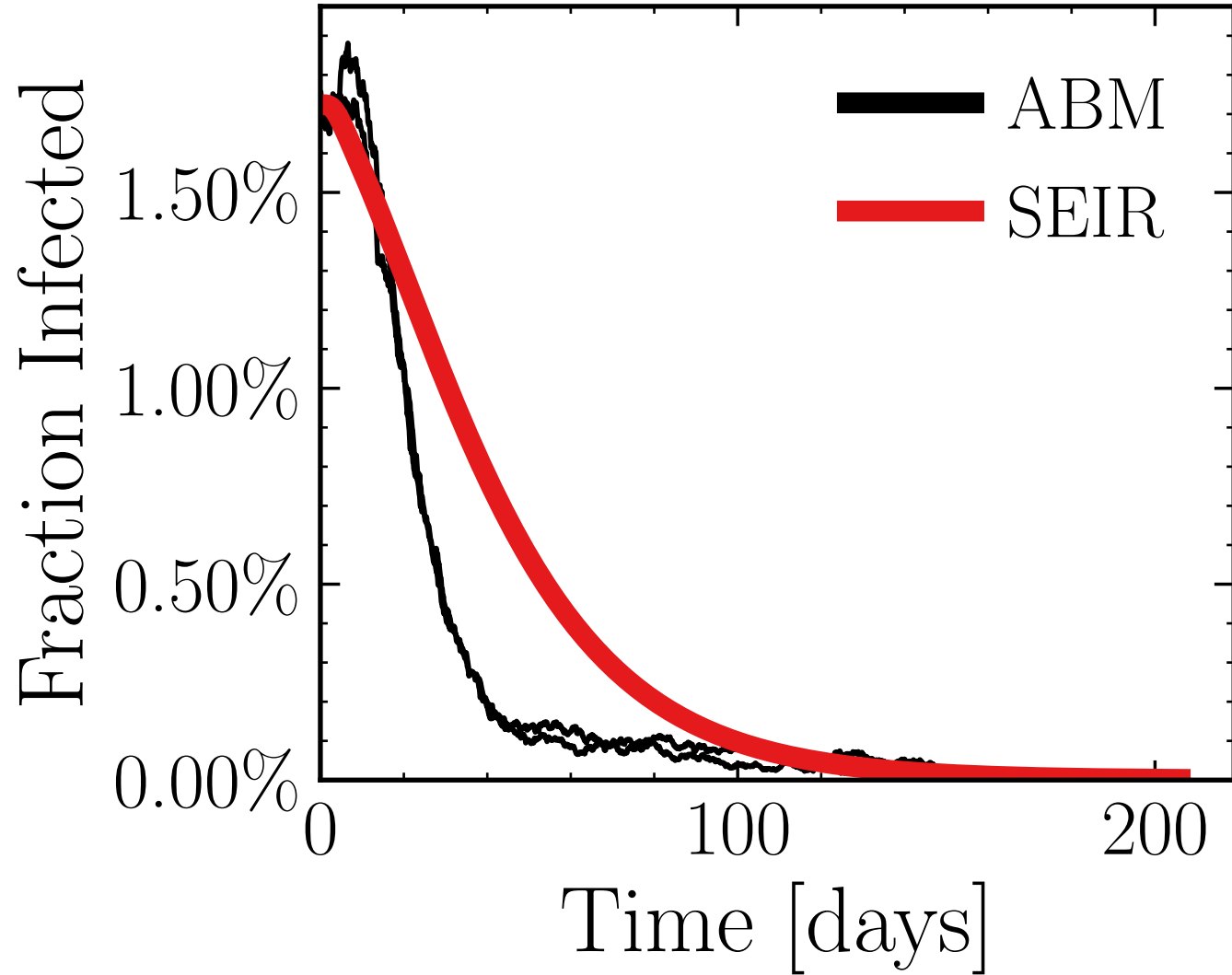
$N_{\text{tot}} = 58K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.012$ ,  $\sigma_\beta = 0.0$ ,  $N_{\text{init}} = 2K$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\text{rand.inf.} = \text{True}$ ,  $\text{w.rand.inf.} = \text{True}$ ,  $N_{\text{retries}}^{\text{connect}}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



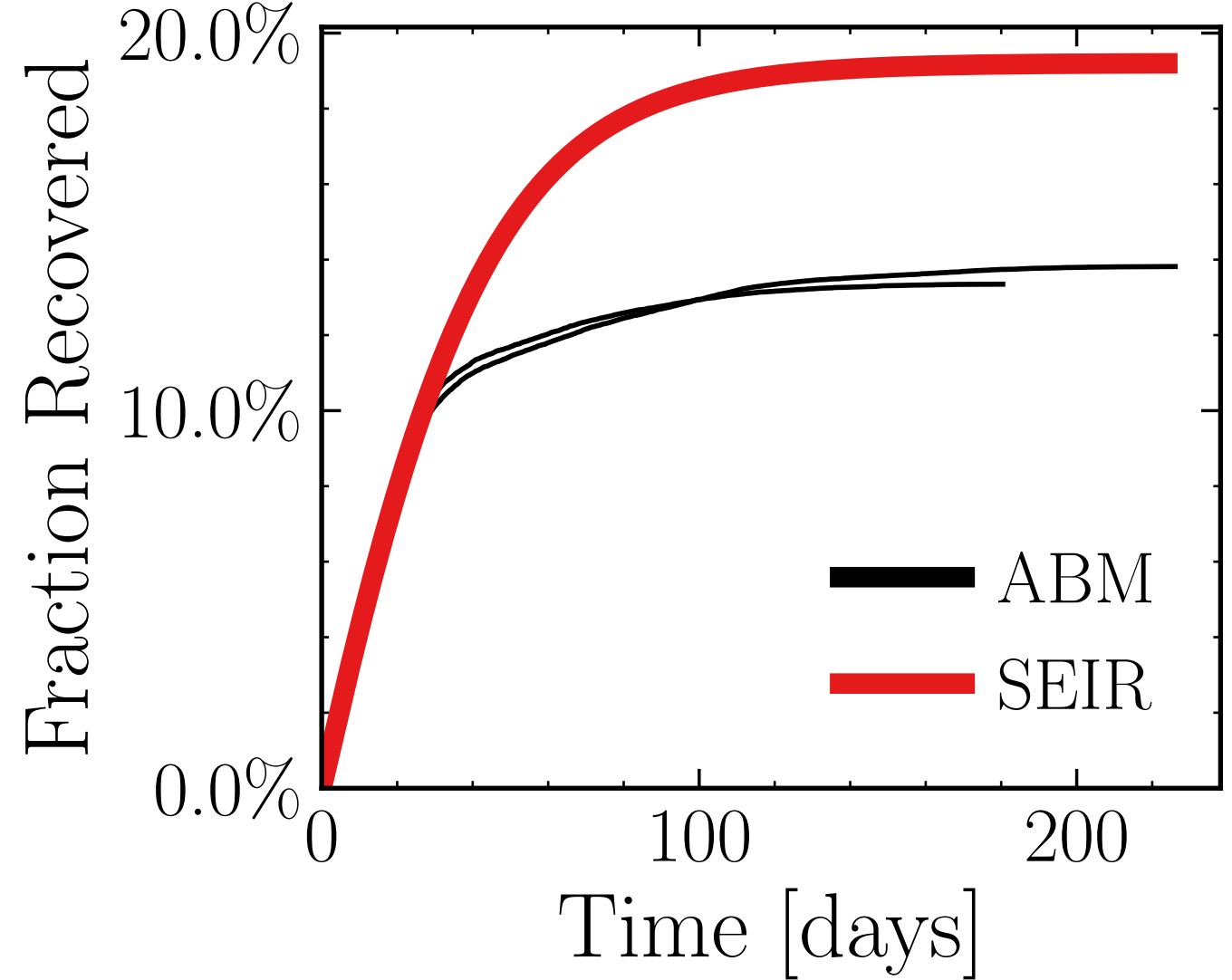
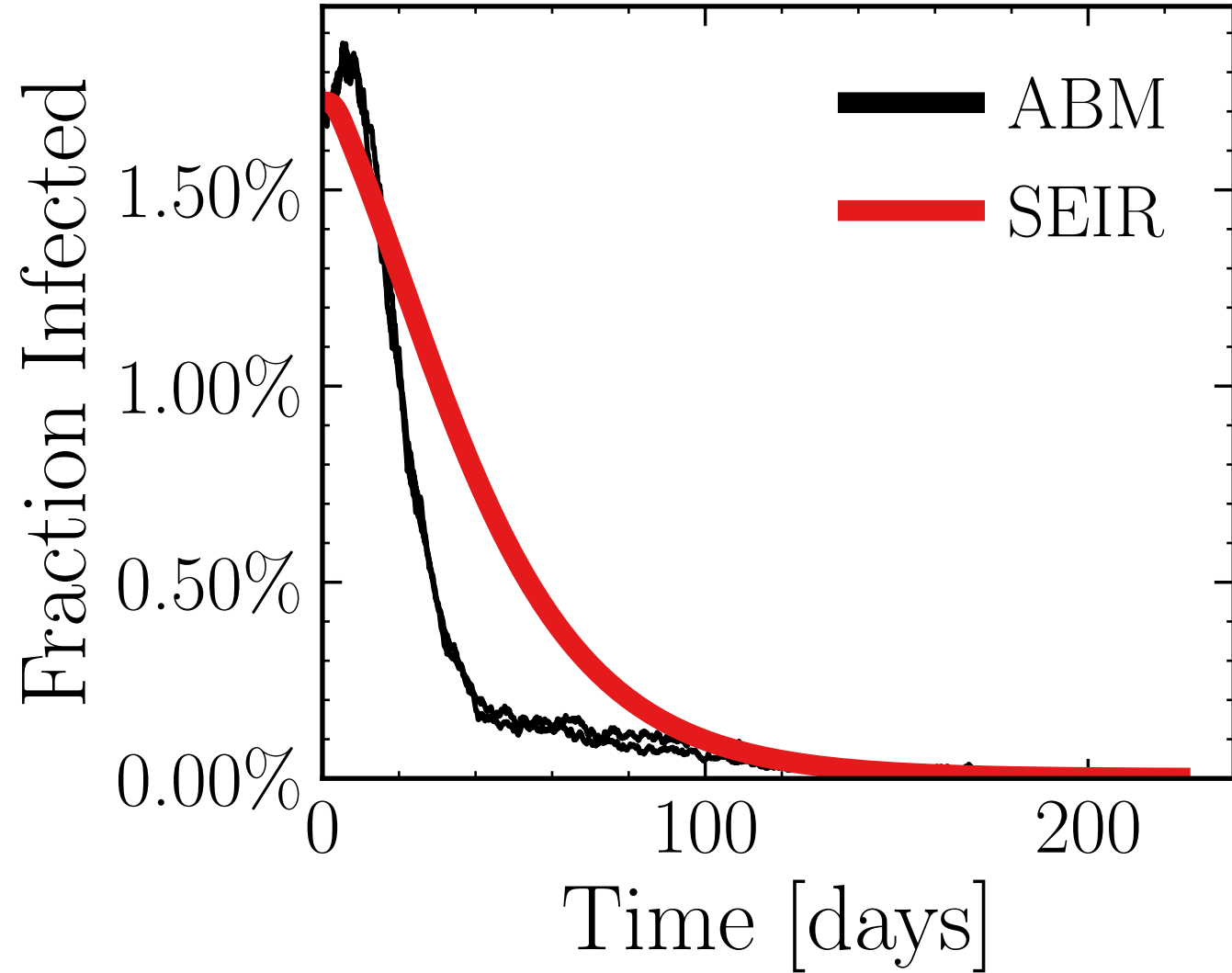
$N_{\text{tot}} = 58K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.012$ ,  $\sigma_\beta = 0.0$ ,  $N_{\text{init}} = 2K$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\text{rand.inf.} = \text{True}$ ,  $\text{w.rand.inf.} = \text{True}$ ,  $N_{\text{retries}}^{\text{connect}}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



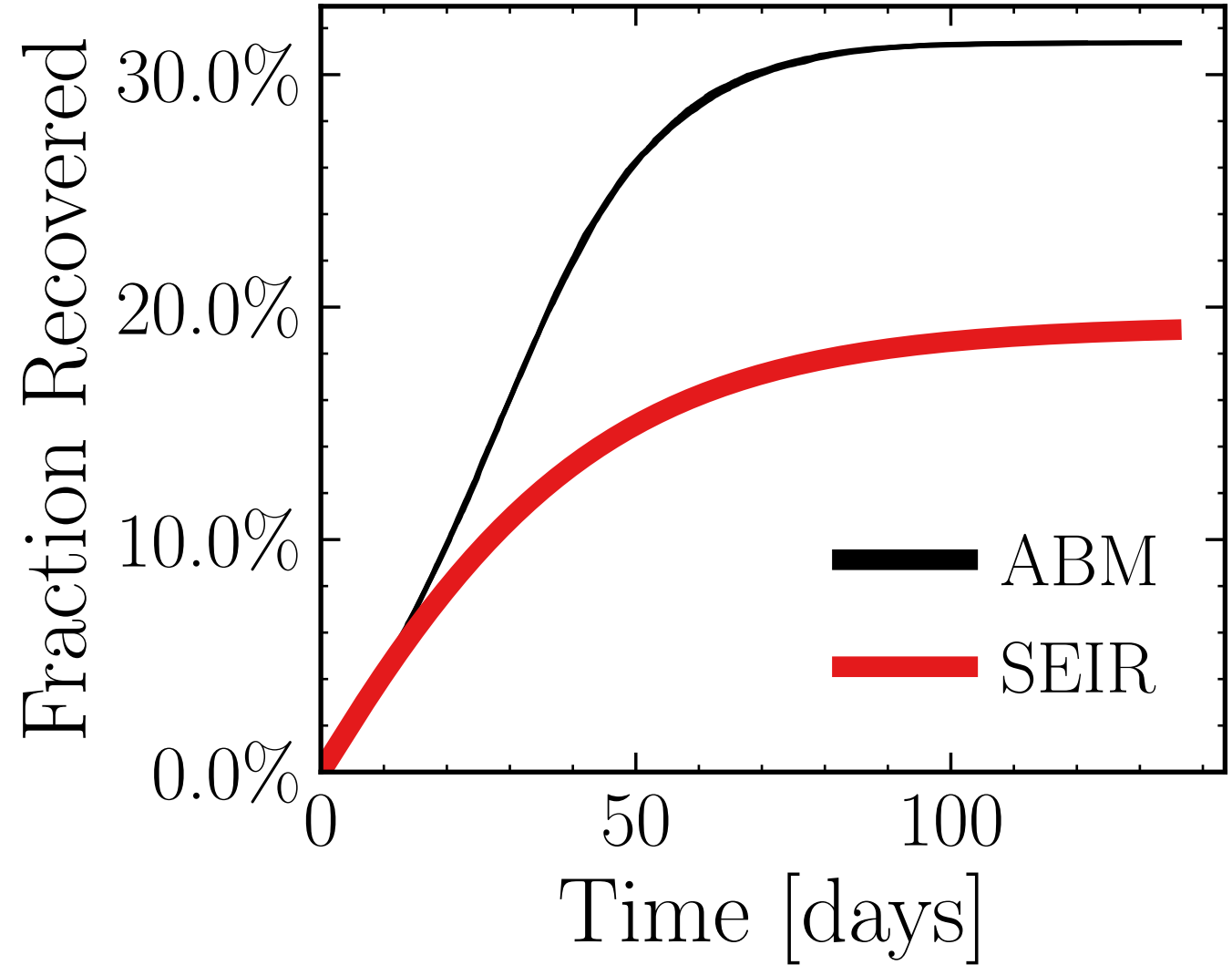
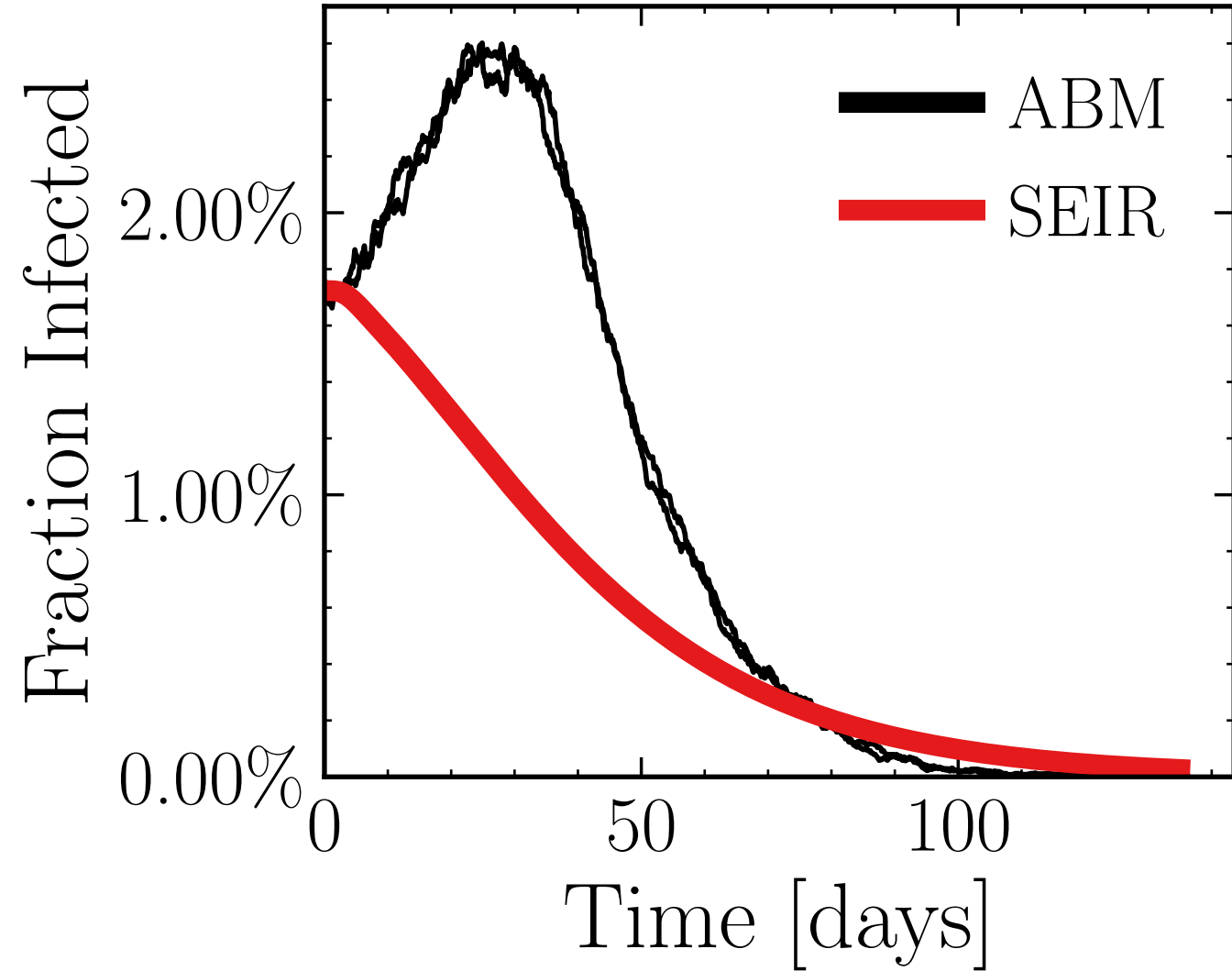
$N_{\text{tot}} = 58K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.012$ ,  $\sigma_\beta = 0.0$ ,  $N_{\text{init}} = 2K$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\text{rand.inf.} = \text{True}$ ,  $\text{w.rand.inf.} = \text{True}$ ,  $N_{\text{retries}}^{\text{connect}}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



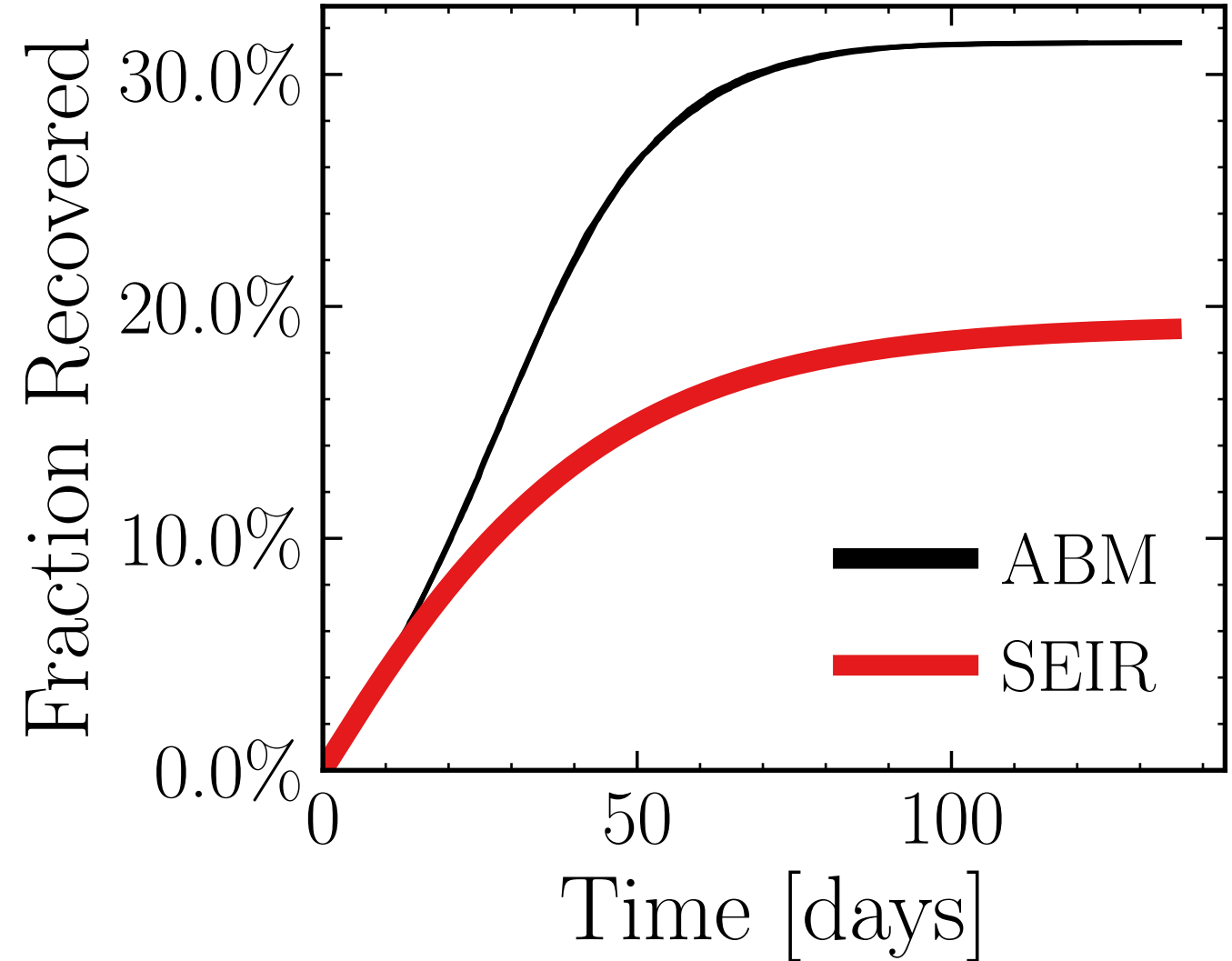
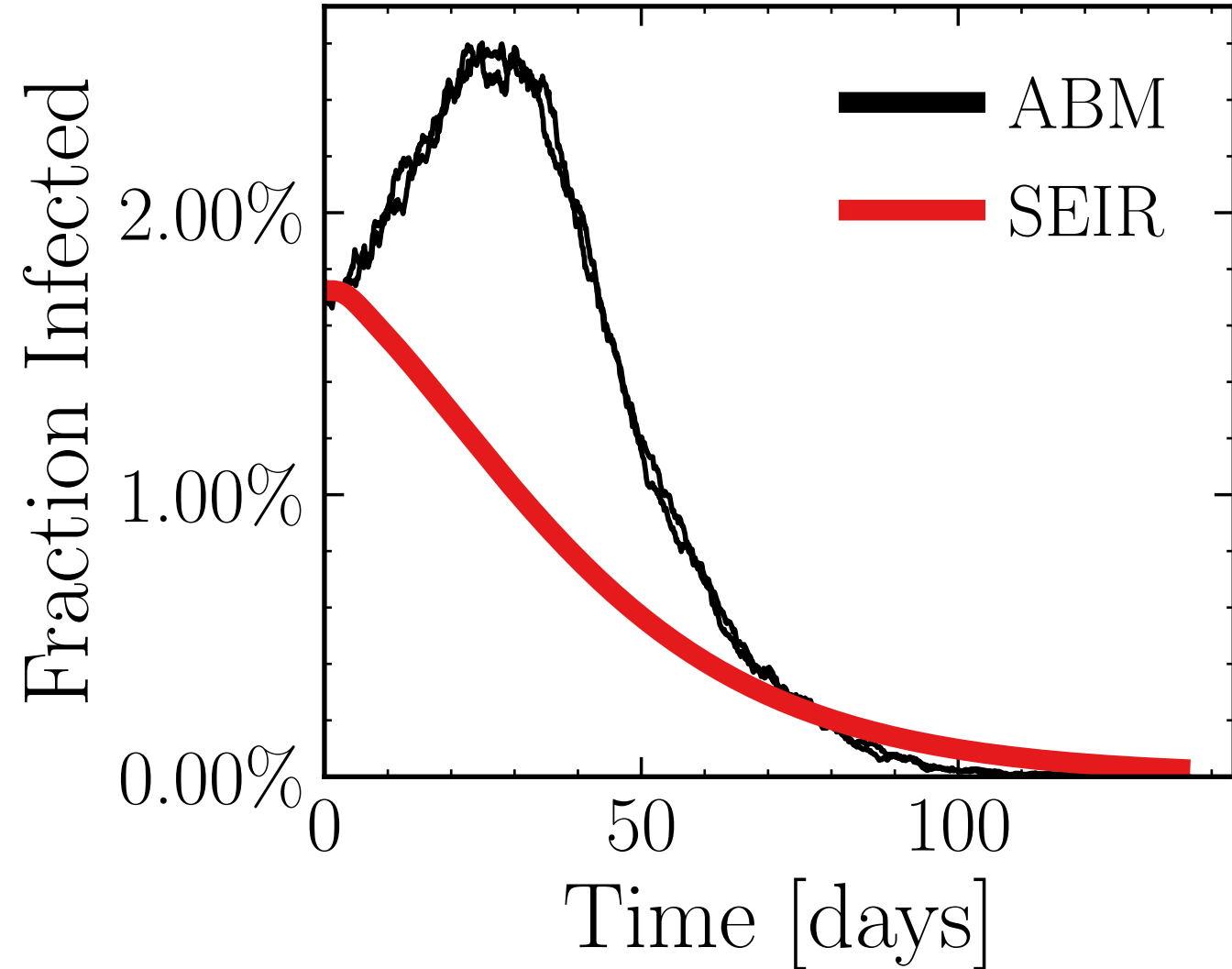
$N_{\text{tot}} = 58K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.012$ ,  $\sigma_\beta = 0.0$ ,  $N_{\text{init}} = 2K$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ ,  $\text{rand.inf.} = \text{True}$ ,  $\text{w.rand.inf.} = \text{True}$ ,  $N_{\text{retries}}^{\text{connect}}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



$N_{\text{tot}} = 58K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.012$ ,  $\sigma_\beta = 0.0$ ,  $N_{\text{init}} = 2K$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , 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. $\beta_{\text{scaling}}$  = 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  $R_{\infty}^{\text{ABM}} = (18.192 \pm 0.014\%) \cdot 10^3$



$N_{\text{tot}} = 58K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.012$ ,  $\sigma_\beta = 0.0$ ,  $N_{\text{init}} = 2K$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True, w.rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $f_{\text{work/other}} = 0.5$ ,  $N_{\text{contacts}_{\text{max}}} = 0$   
 $N_{\text{events}} = 0$ ,  $\text{event}_{\text{size}_{\text{max}}} = 50$ ,  $\text{event}_{\text{size}_{\text{mean}}} = 5.0$ ,  $\text{event}_{\beta_{\text{scaling}}} = 5.0$ ,  $\text{event}_{\text{weekend}_{\text{multiplier}}} = 2.0$   
do\_int. = True, 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, hash = 43e99ce34e, #2       $R_{\infty}^{\text{ABM}} = (18.192 \pm 0.014\%) \cdot 10^3$



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

