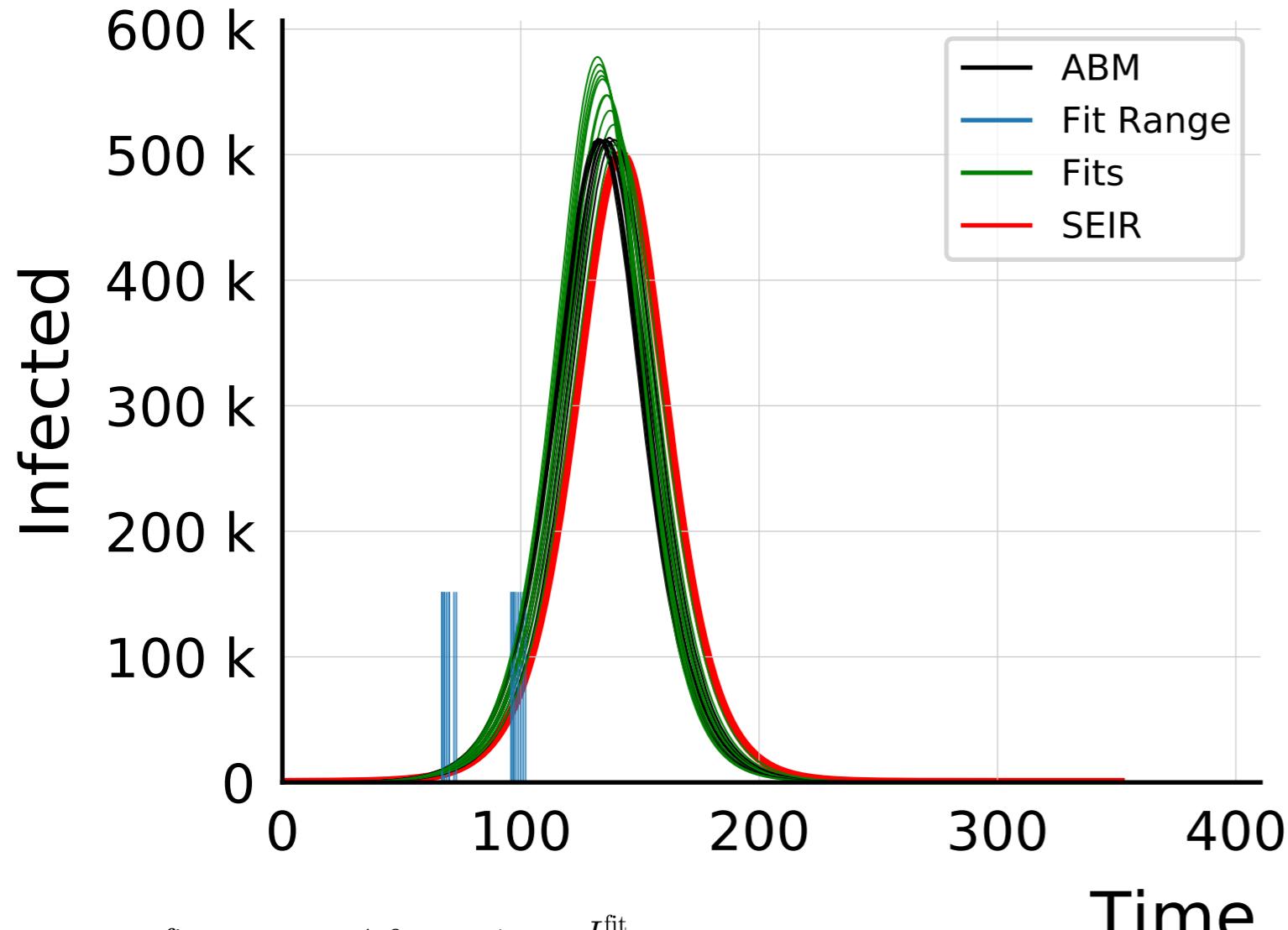
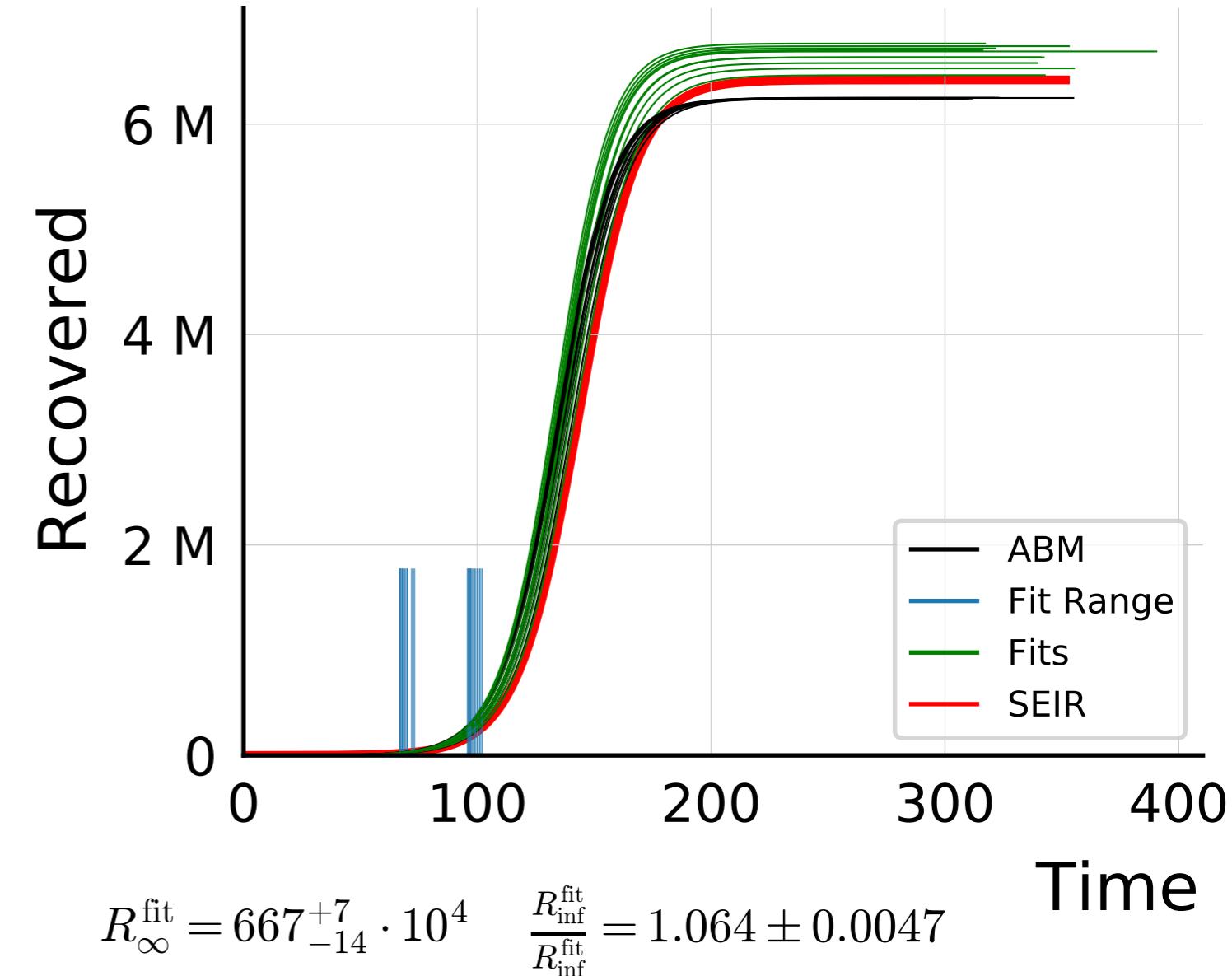


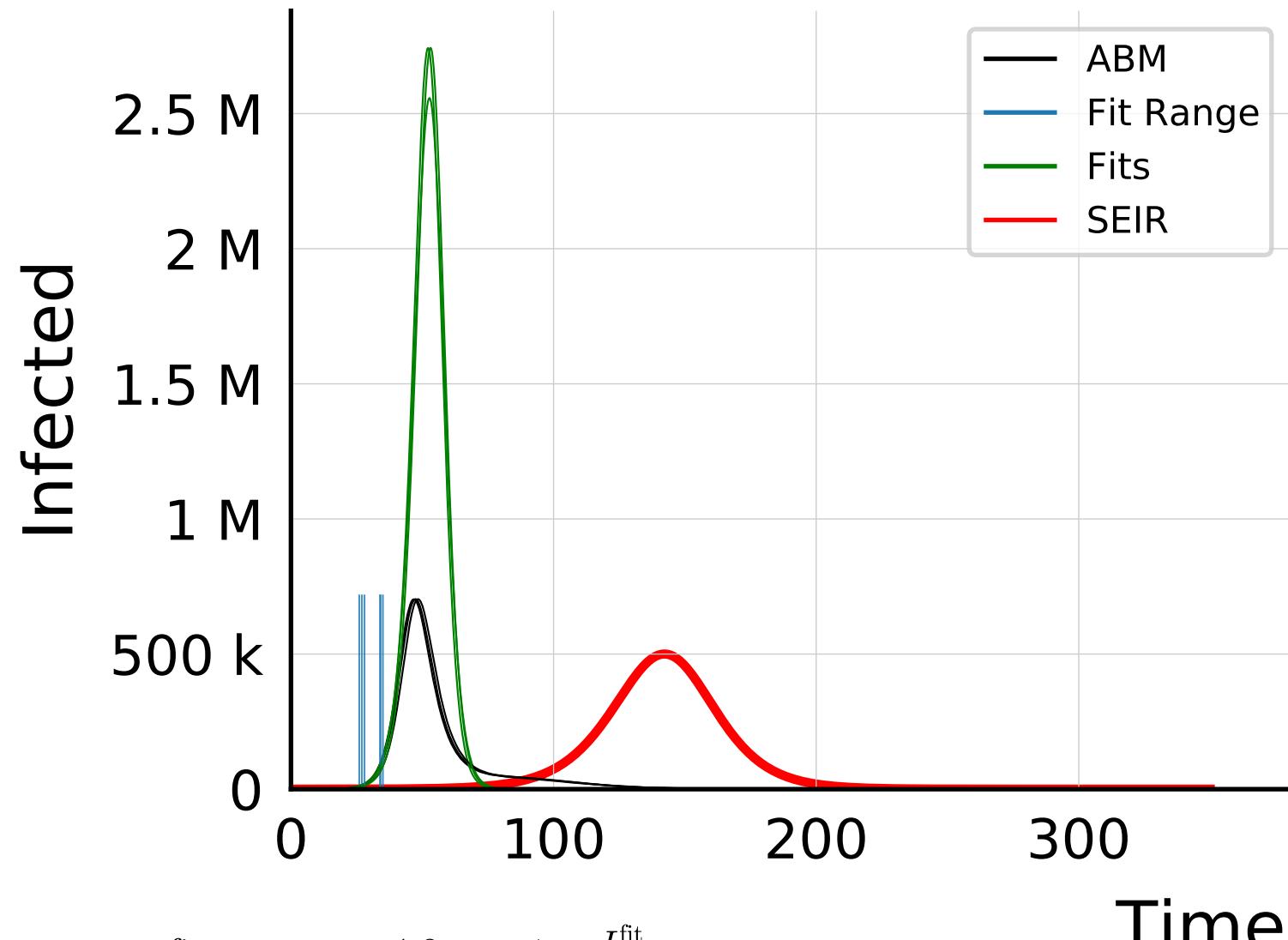
$N_{\text{tot}} = 10M$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



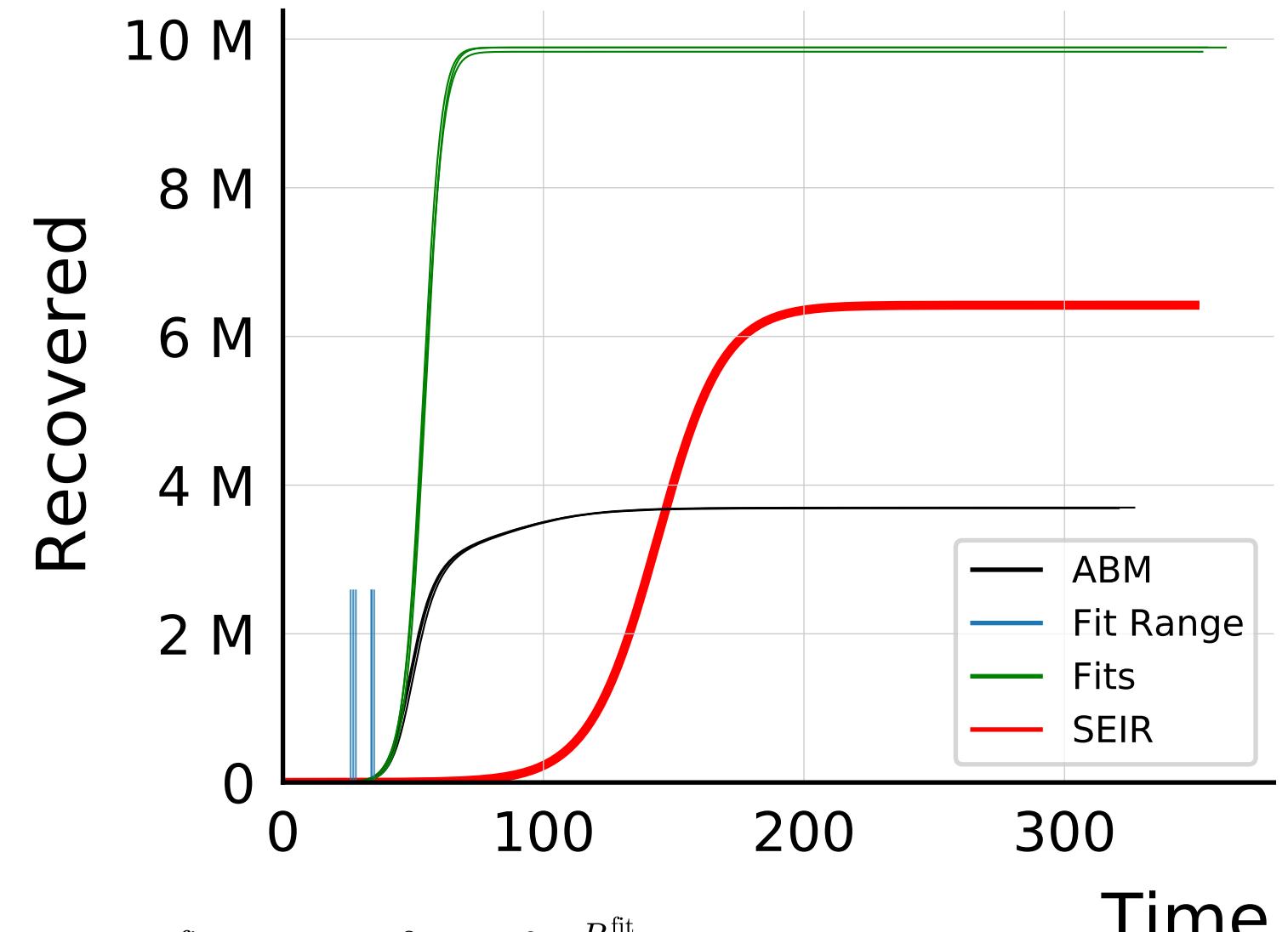
$$I_{\max}^{\text{fit}} = 56_{-3}^{+1.6} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.07 \pm 0.013$$



$N_{\text{tot}} = 10M$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #3

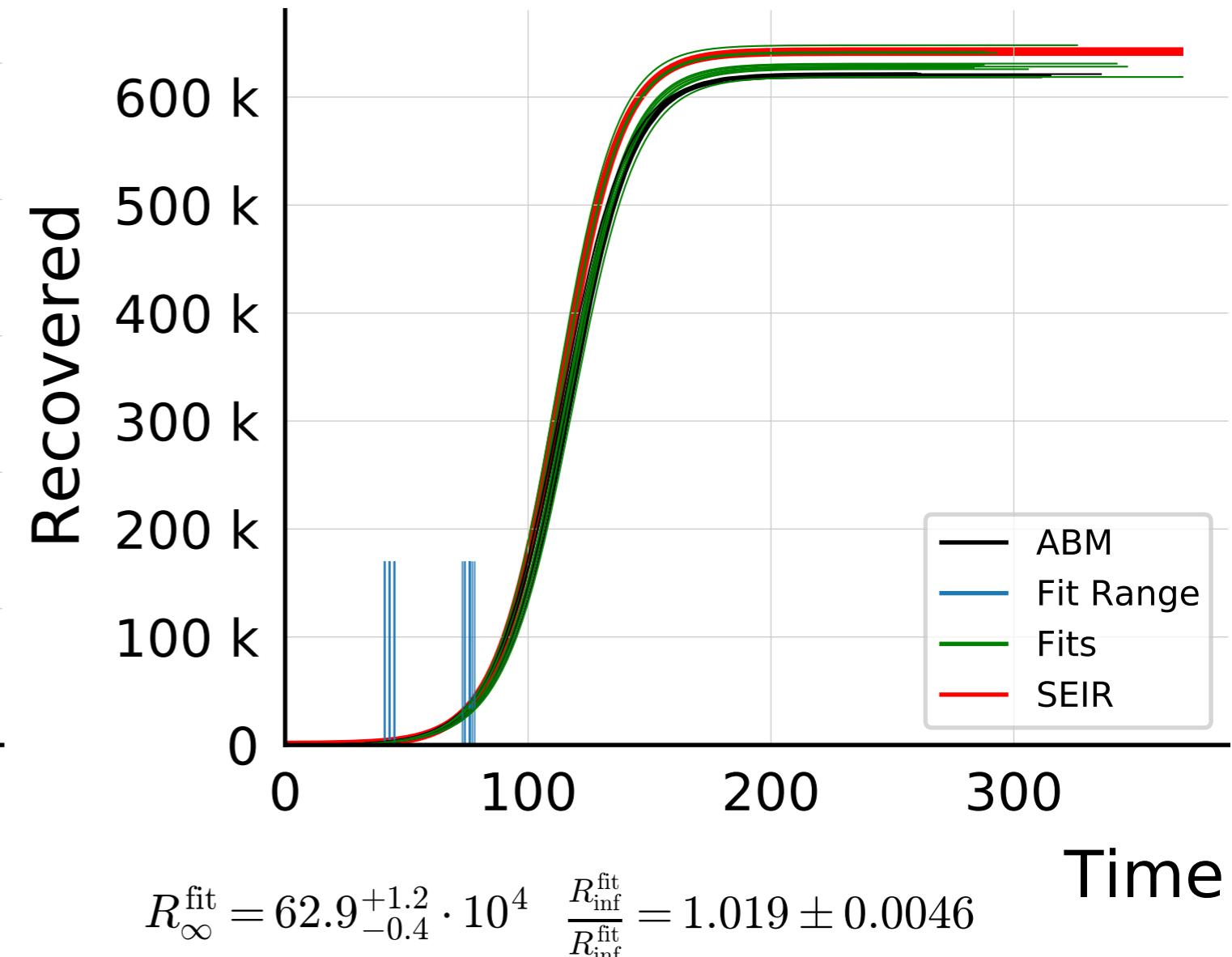
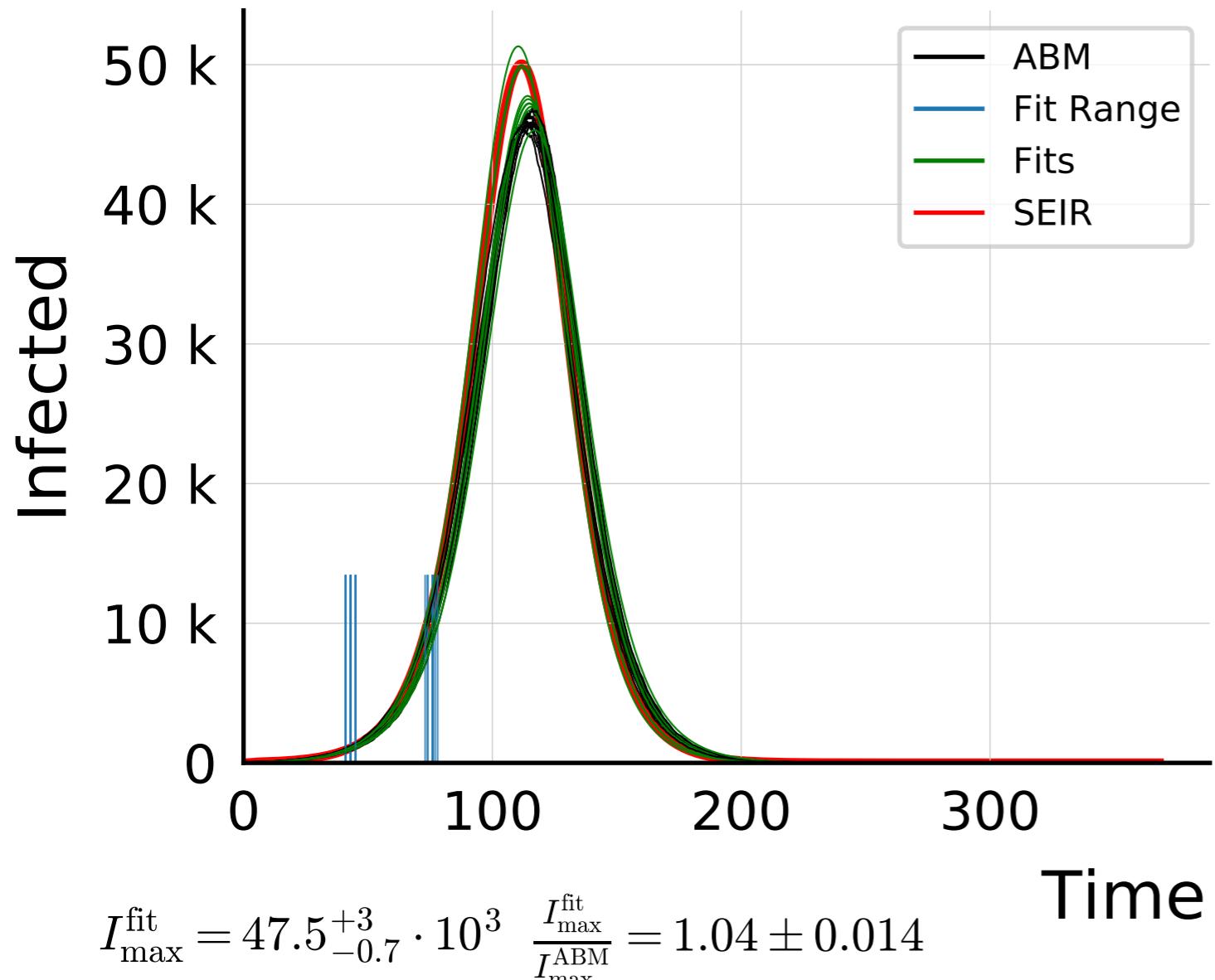


$$I_{\max}^{\text{fit}} = 274_{-18}^{+1.3} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.81 \pm 0.071$$

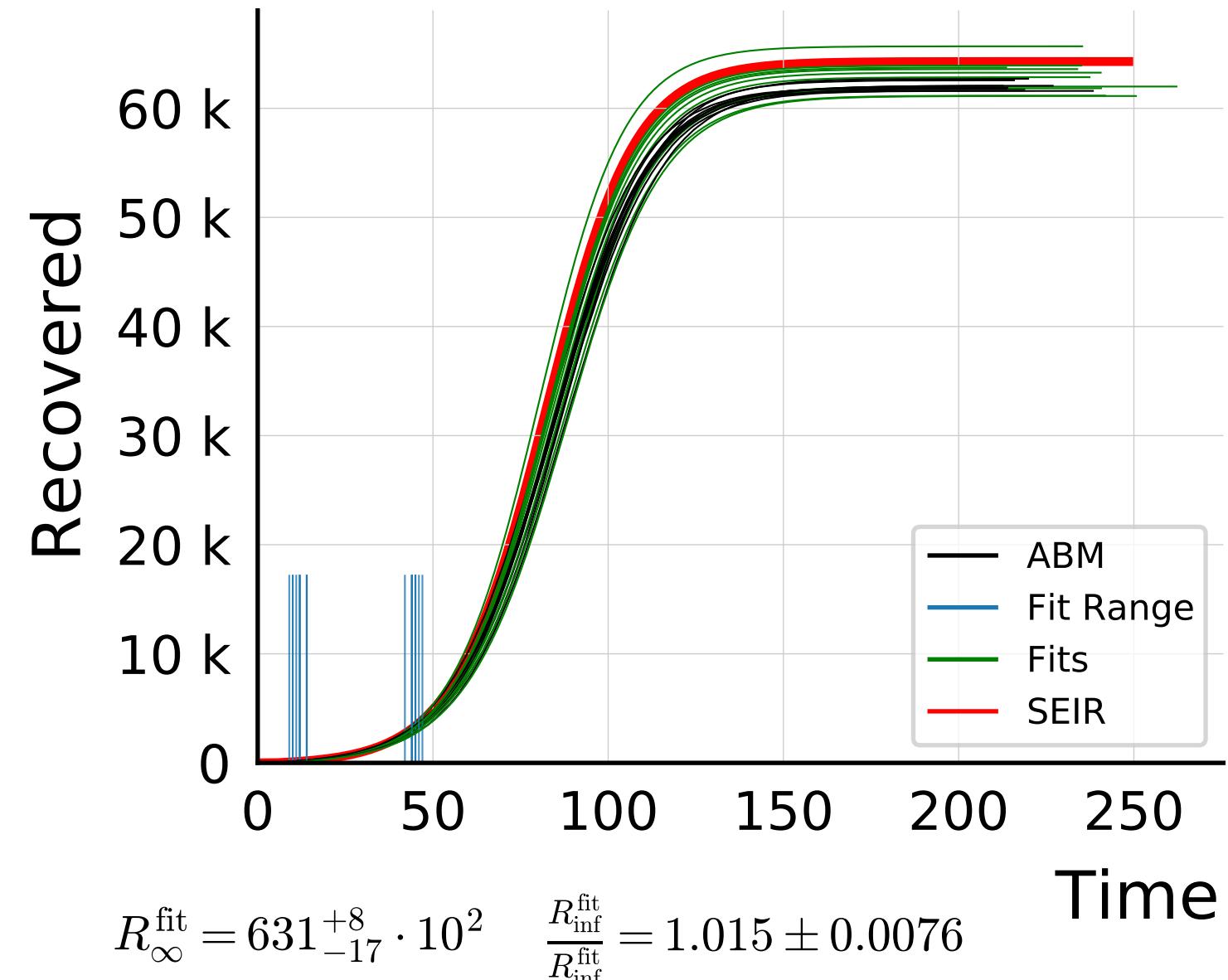
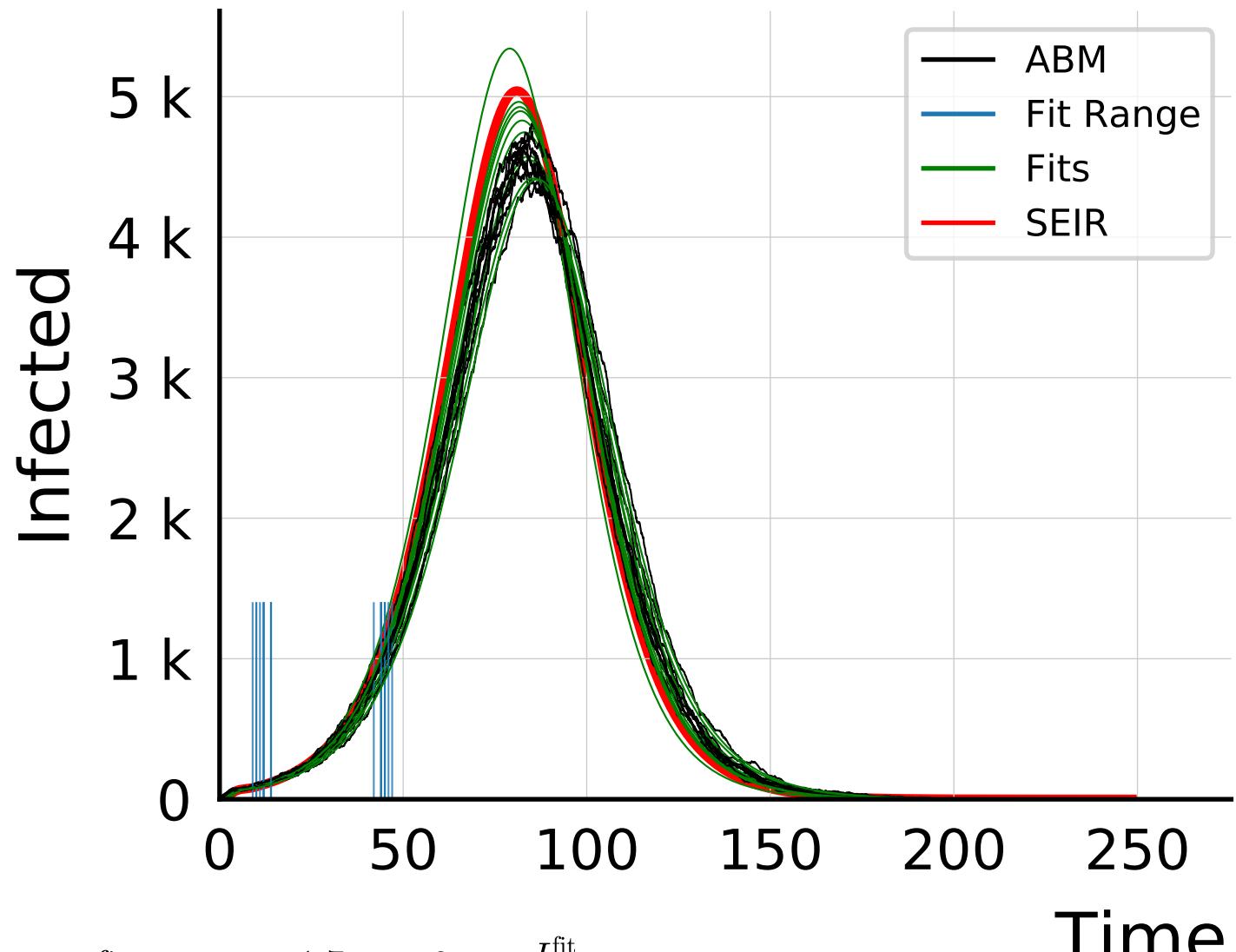


$$R_{\infty}^{\text{fit}} = 9886_{-60}^{+3} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 2.671 \pm 0.0025$$

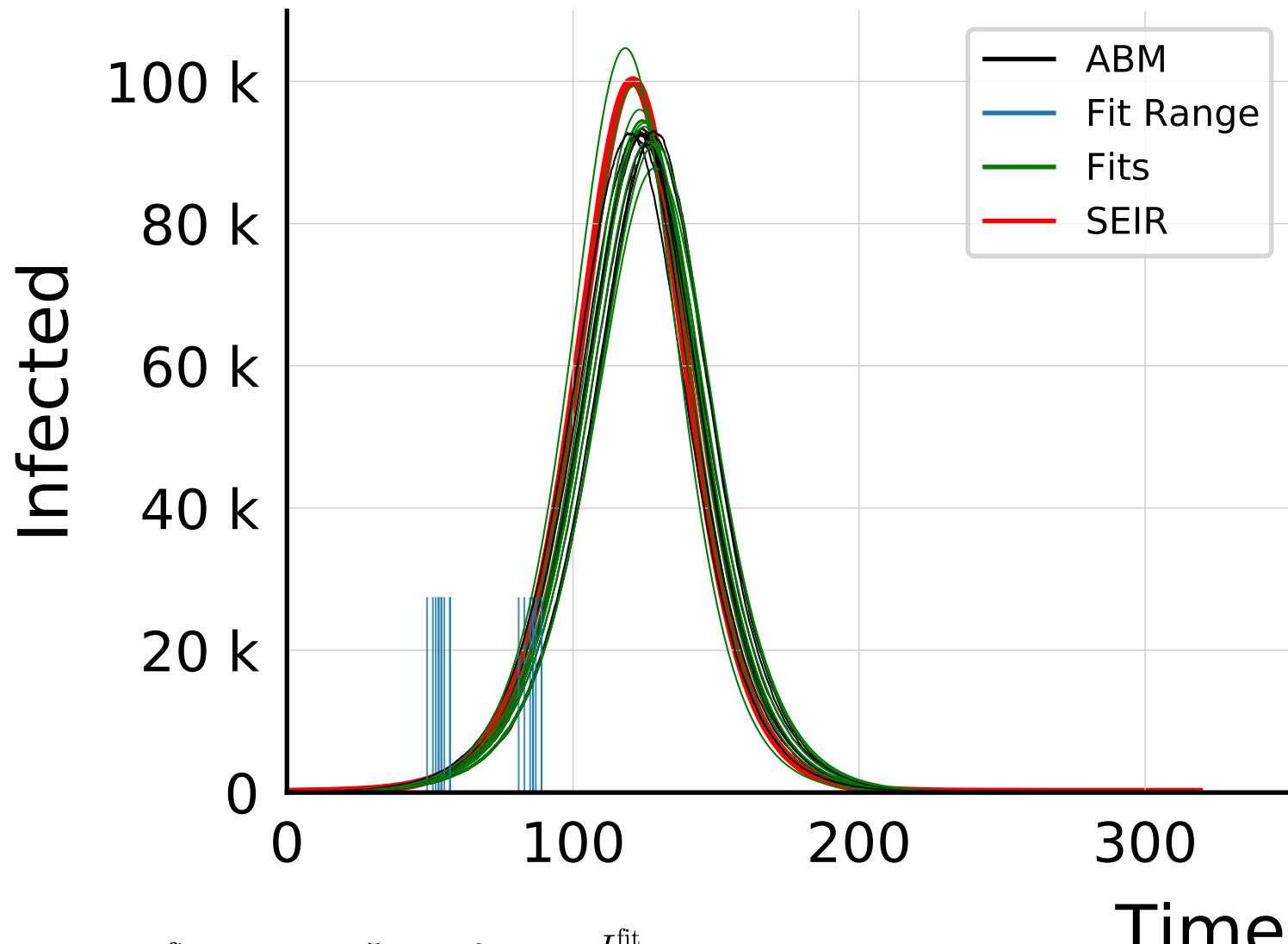
$N_{\text{tot}} = 1M$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 100K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

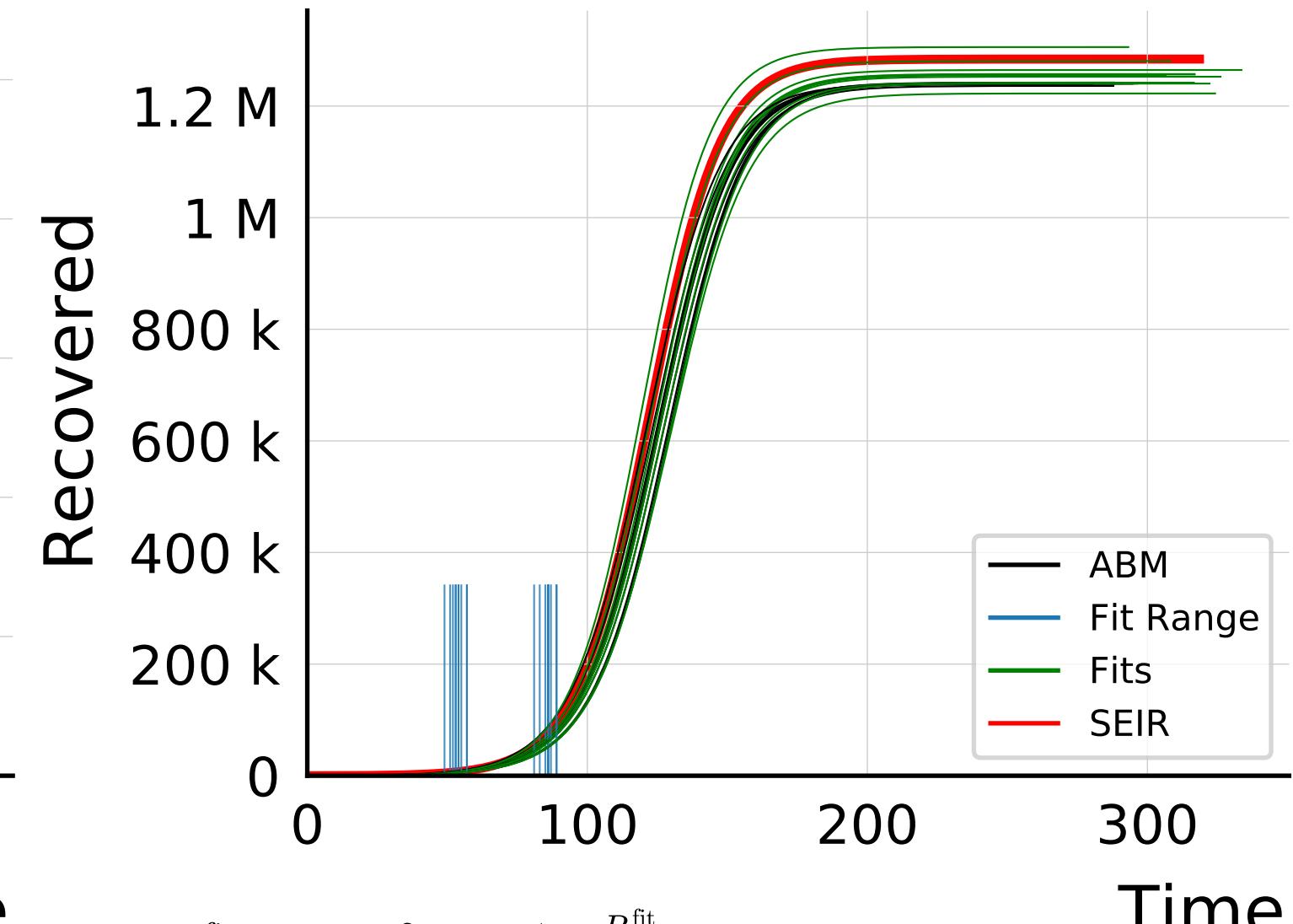


$N_{\text{tot}} = 2M$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



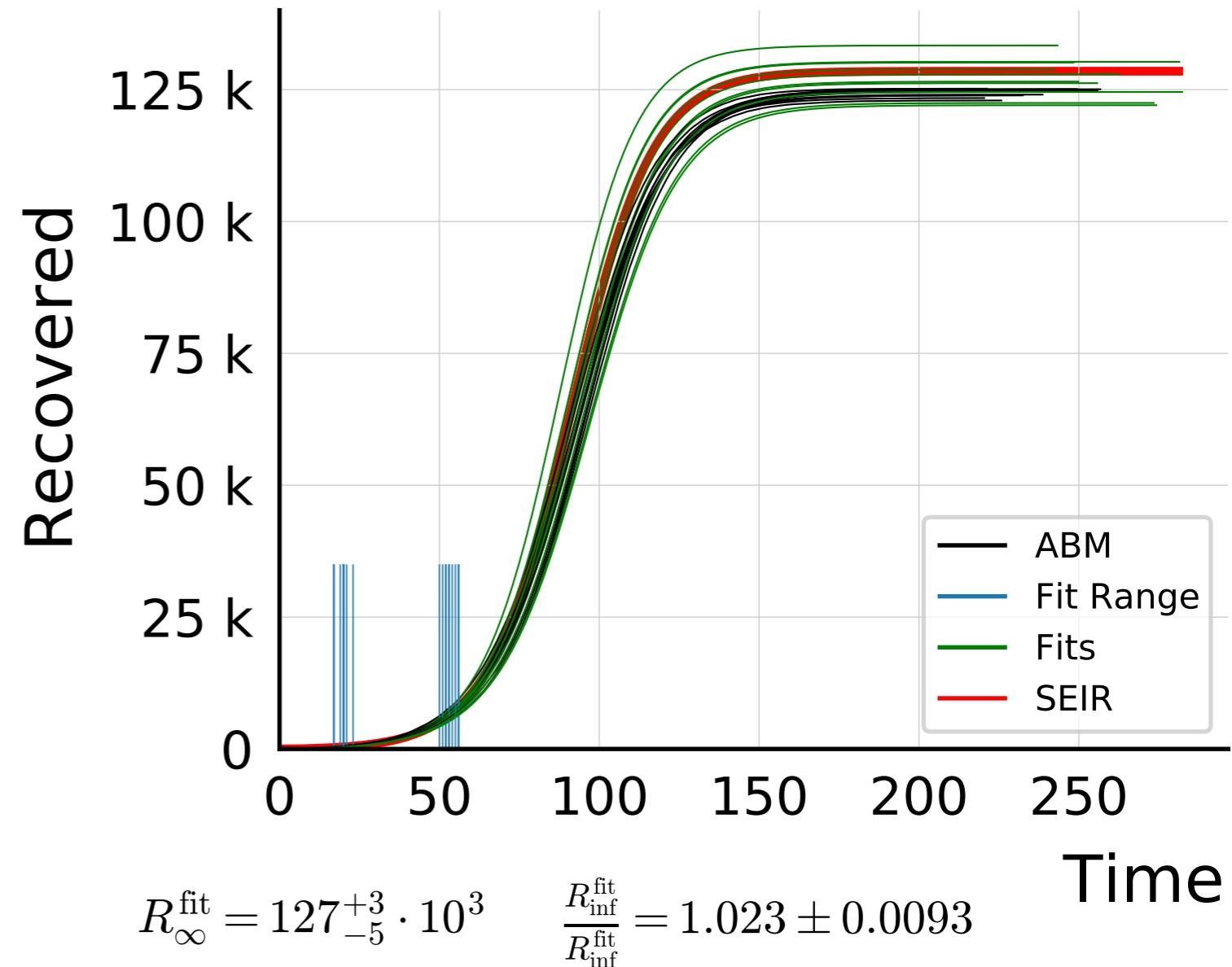
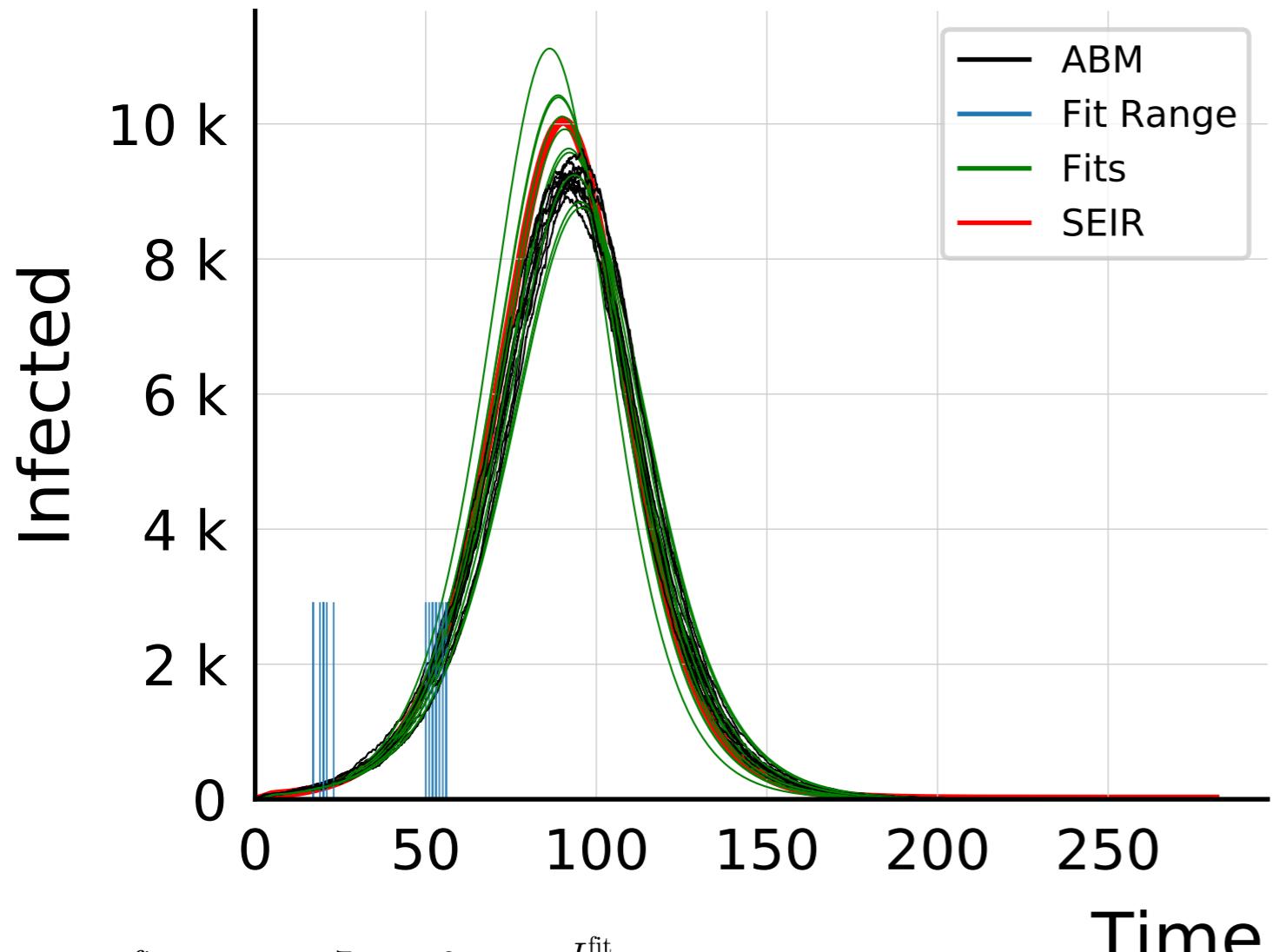
$$I_{\max}^{\text{fit}} = 94^{+5}_{-3} \cdot 10^3$$

$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.02 \pm 0.015$$

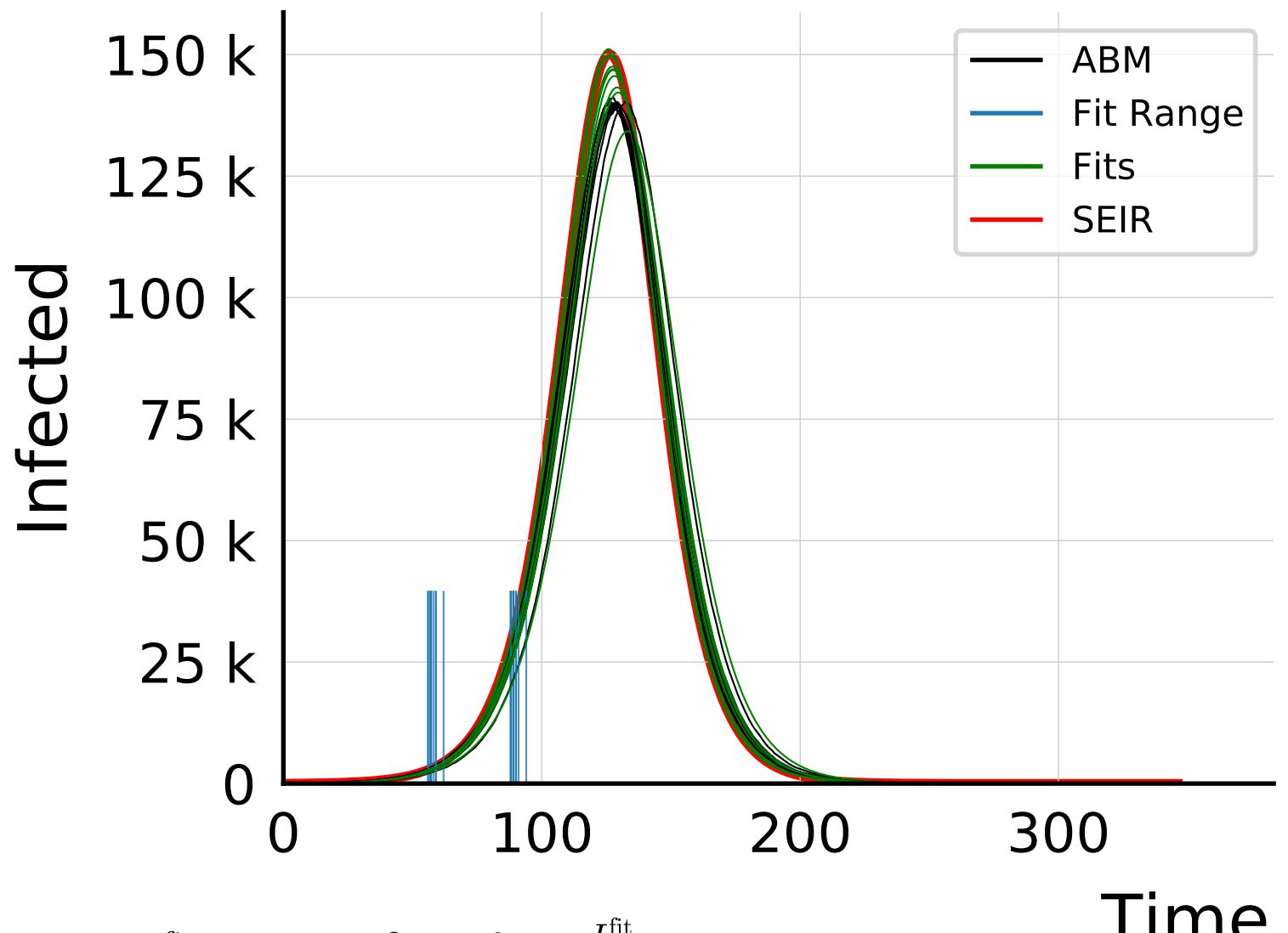


$$R_{\infty}^{\text{fit}} = 126^{+2}_{-1.6} \cdot 10^4 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.014 \pm 0.0056$$

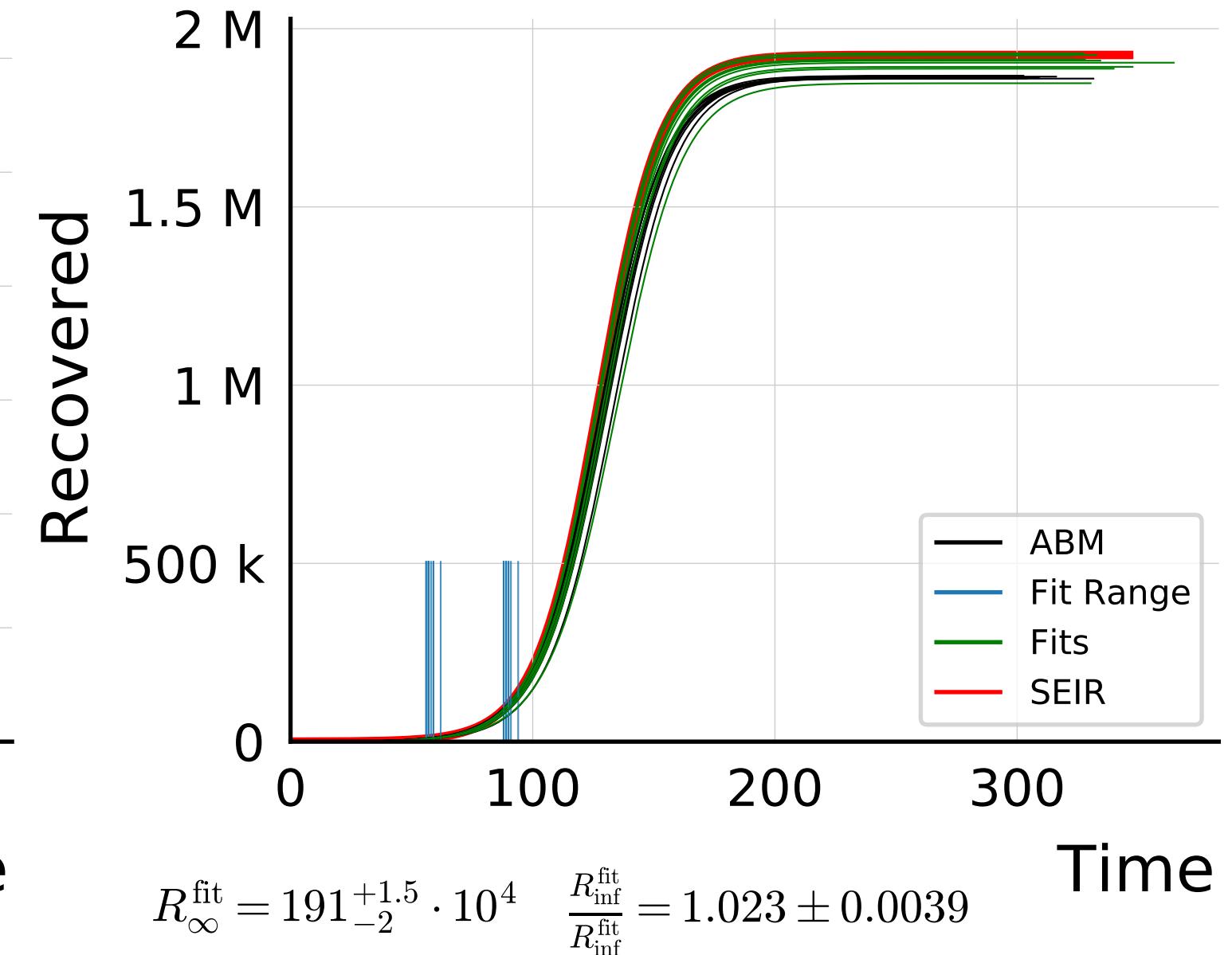
$N_{\text{tot}} = 200K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 3M$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

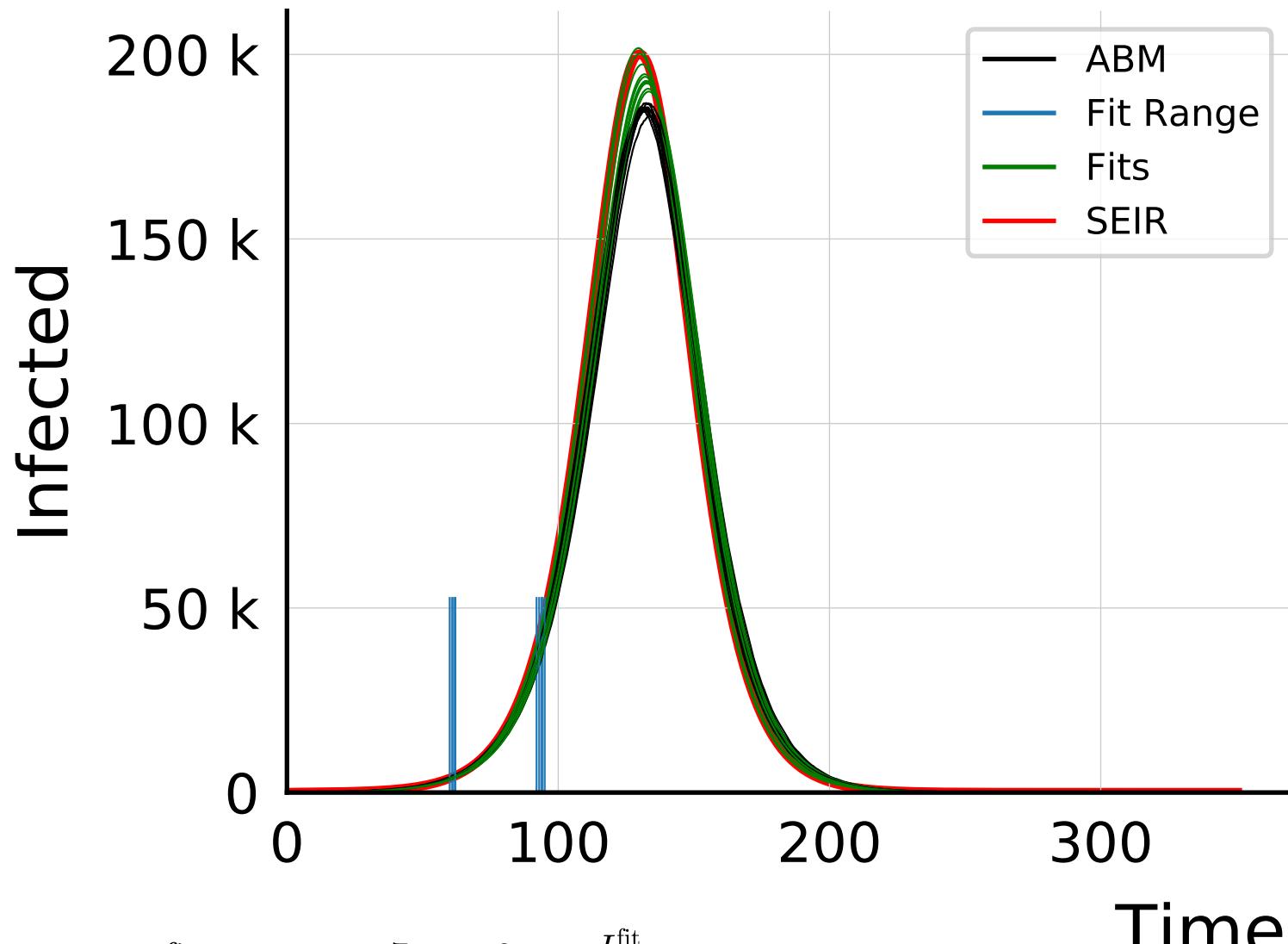


$$I_{\max}^{\text{fit}} = 147^{+3}_{-5} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.04 \pm 0.011$$



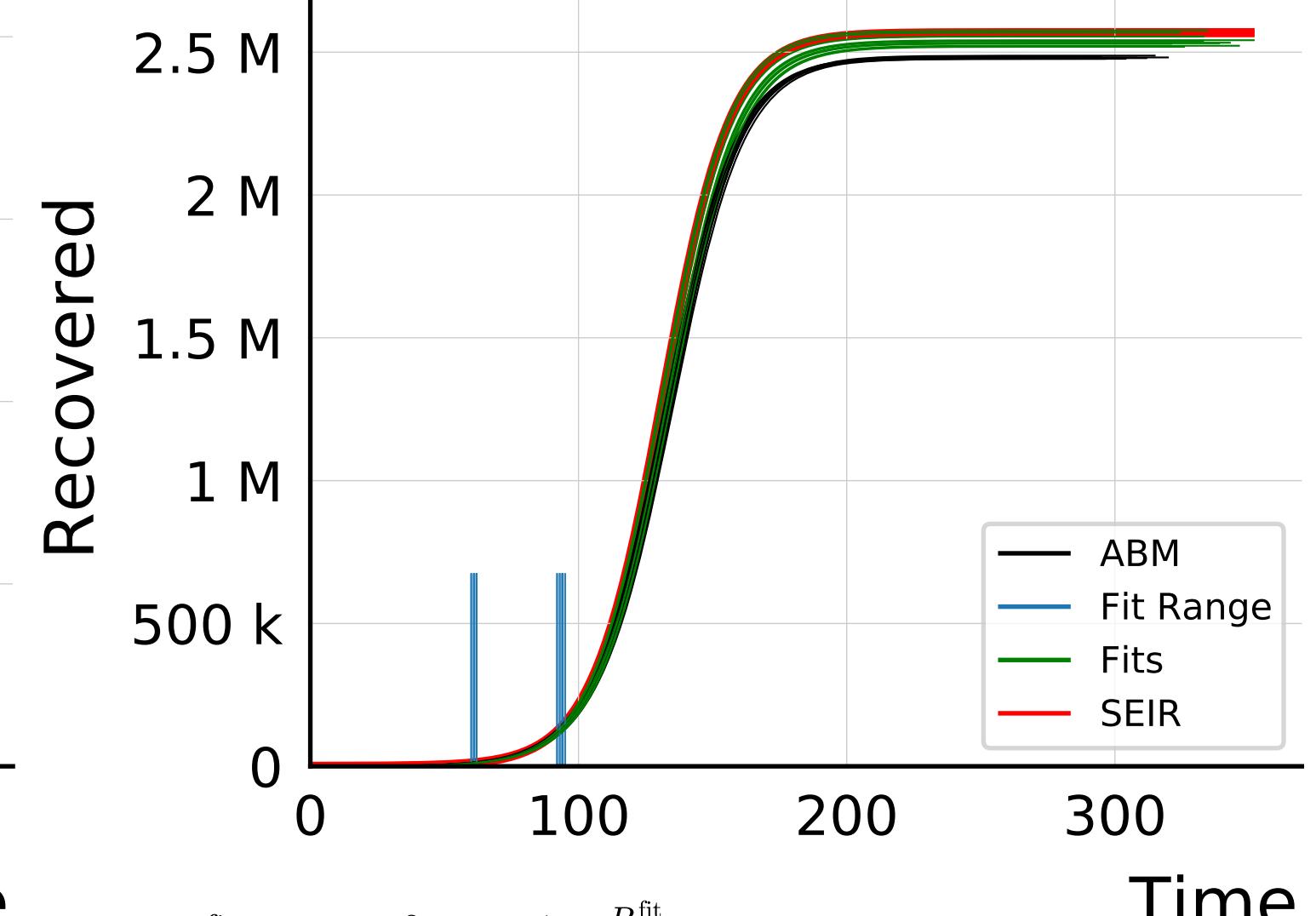
$$R_{\infty}^{\text{fit}} = 191^{+1.5}_{-2} \cdot 10^4 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.023 \pm 0.0039$$

$N_{\text{tot}} = 4M$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 193_{-3}^{+7} \cdot 10^3$$

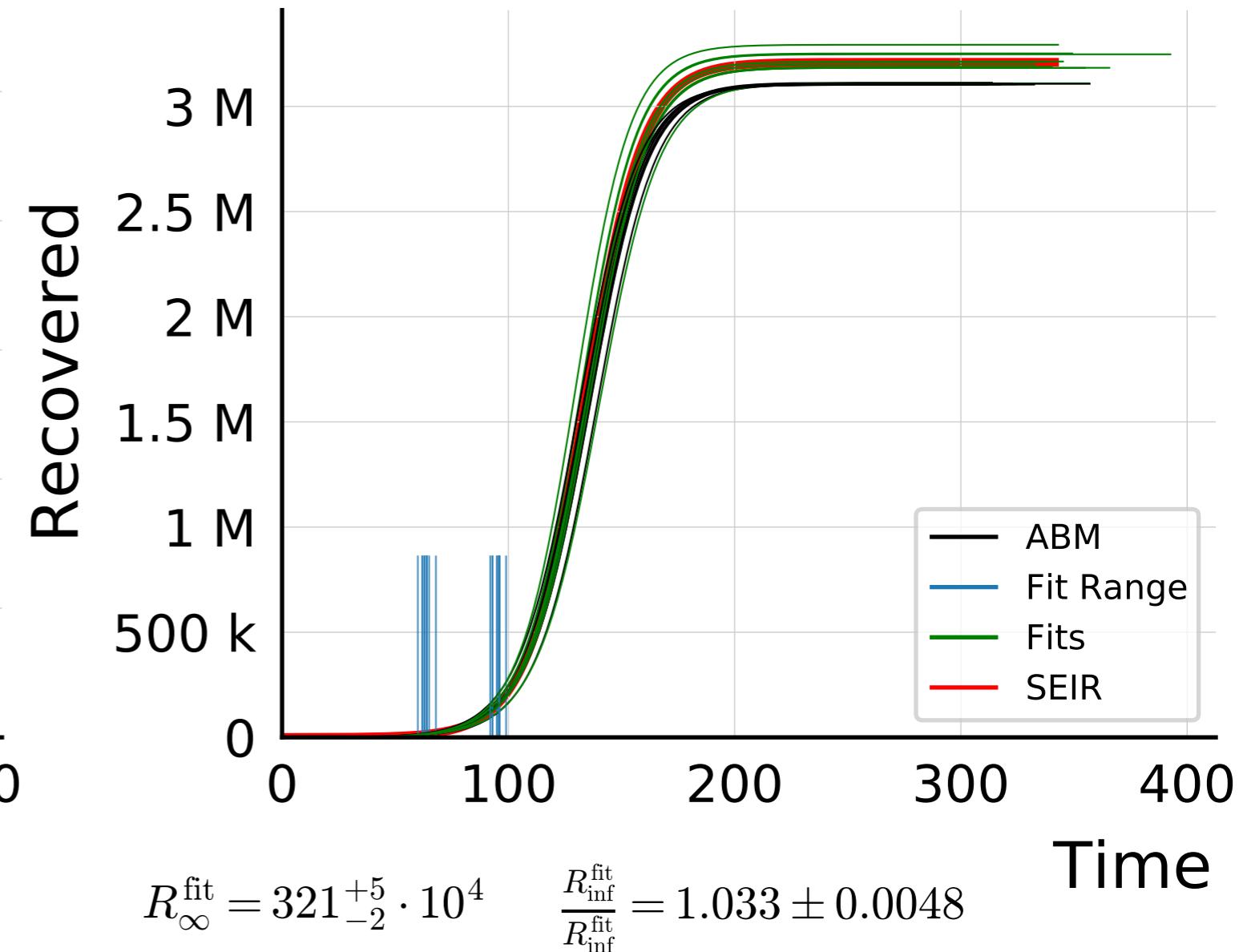
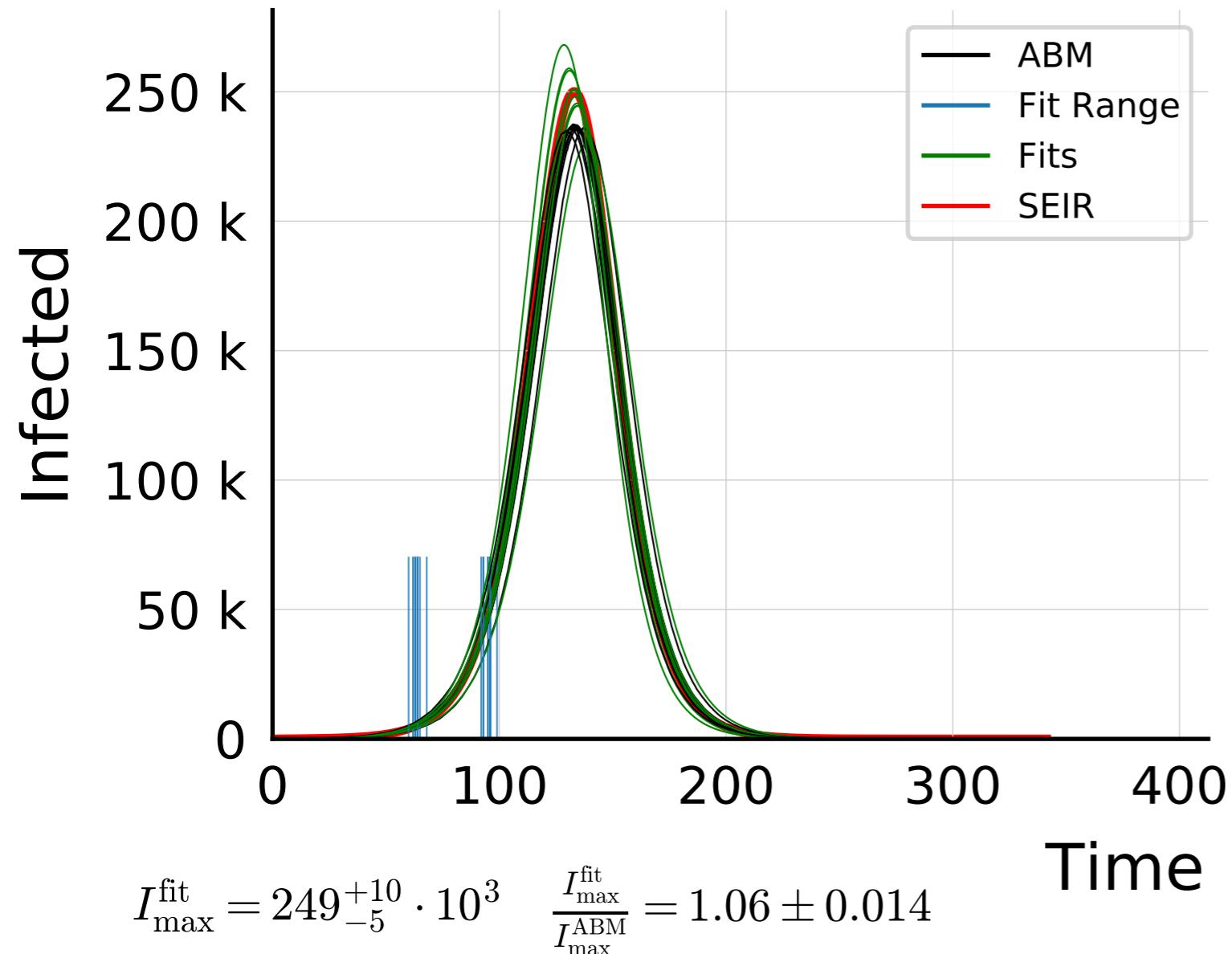
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.049 \pm 0.0066$$



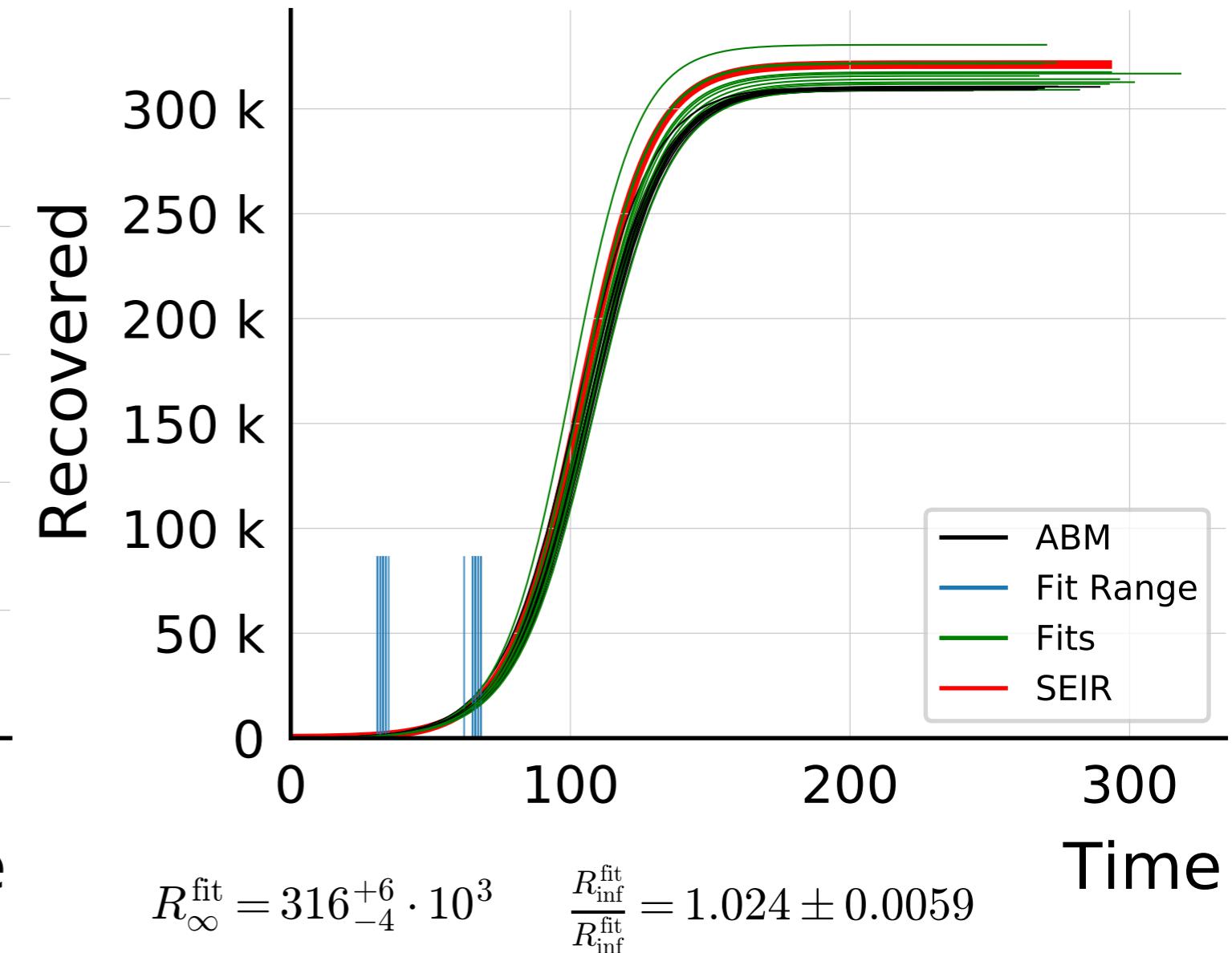
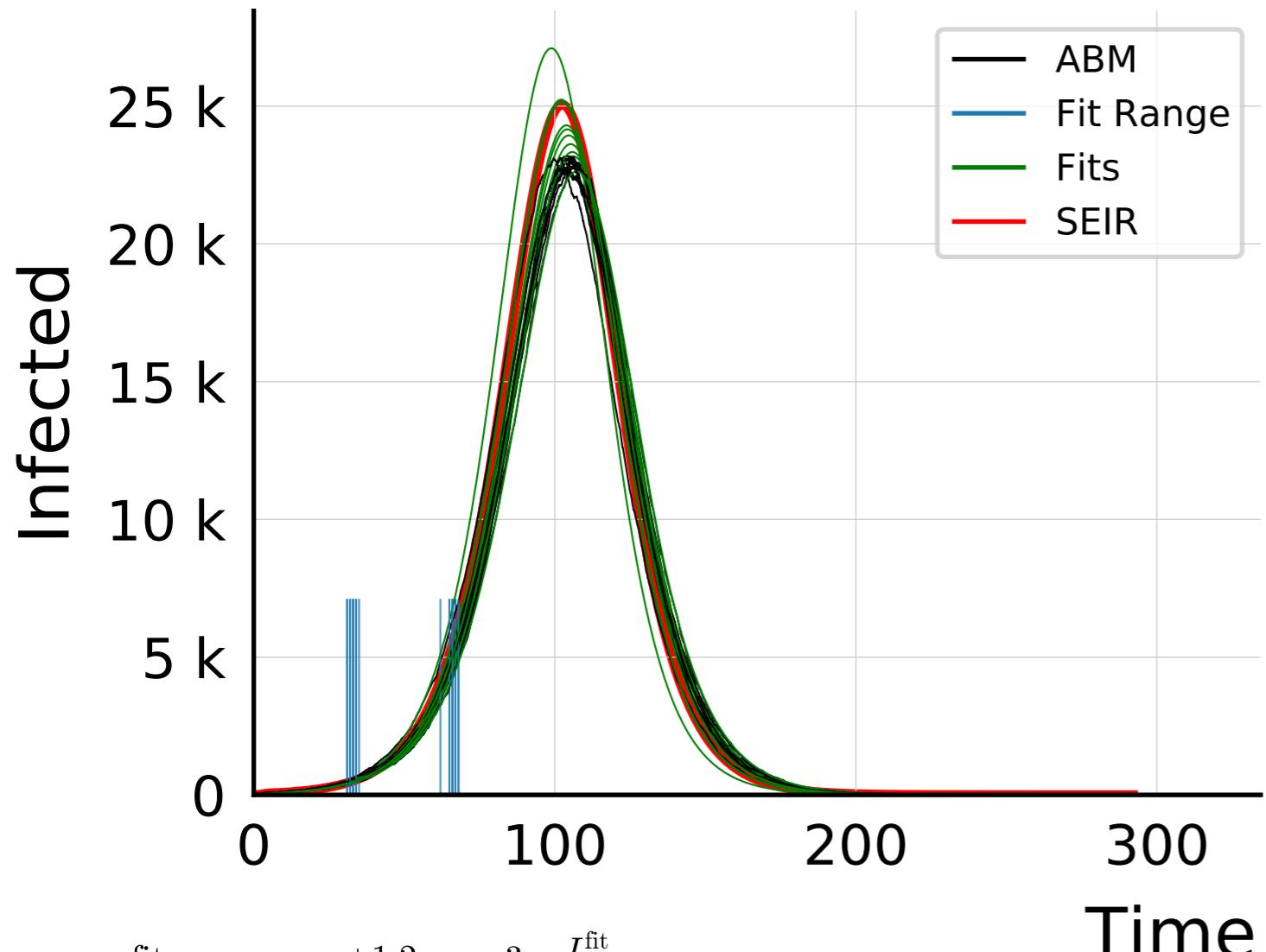
$$R_{\infty}^{\text{fit}} = 254_{-1.3}^{+3} \cdot 10^4$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.025 \pm 0.0024$$

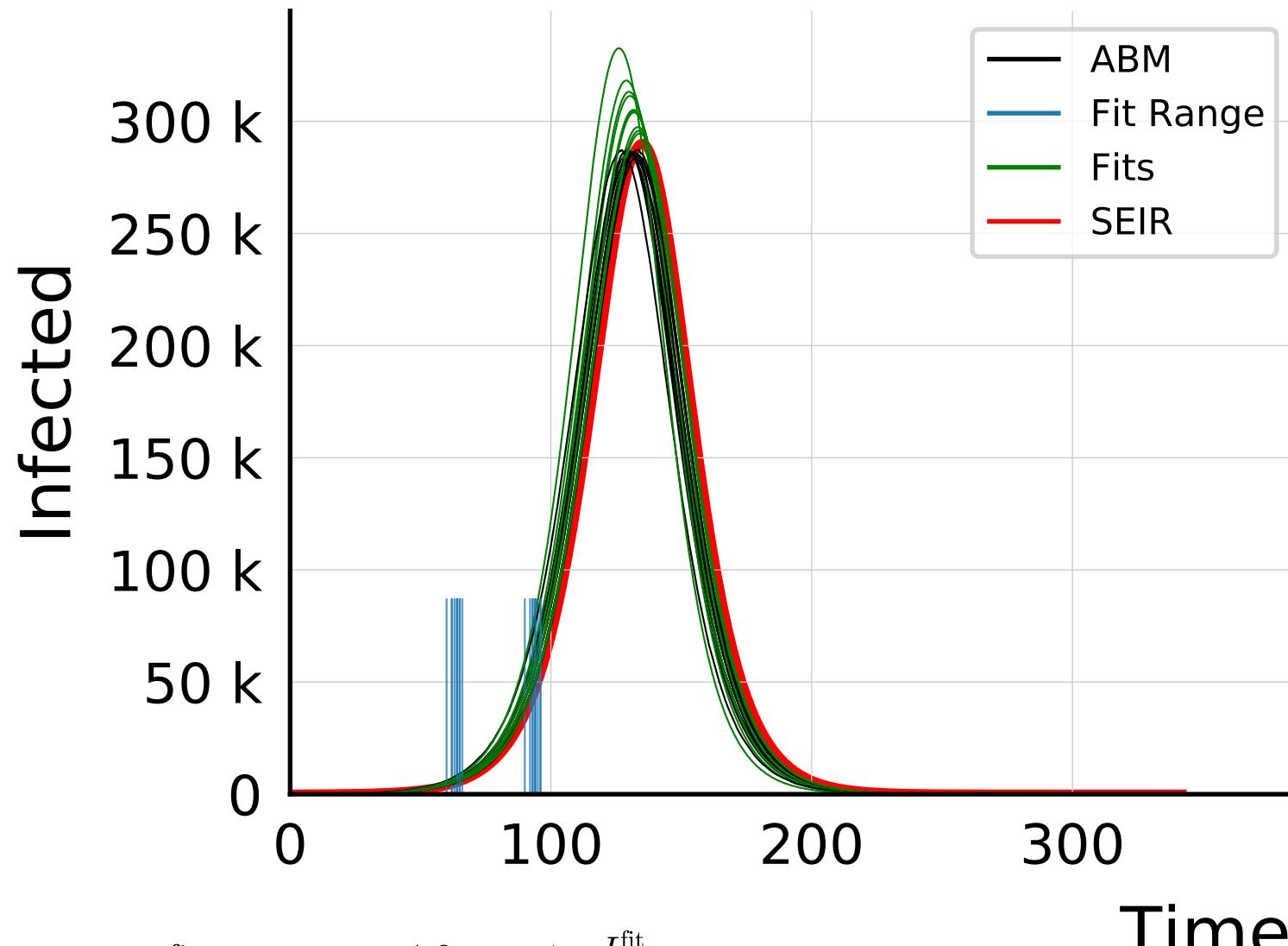
$N_{\text{tot}} = 5M$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



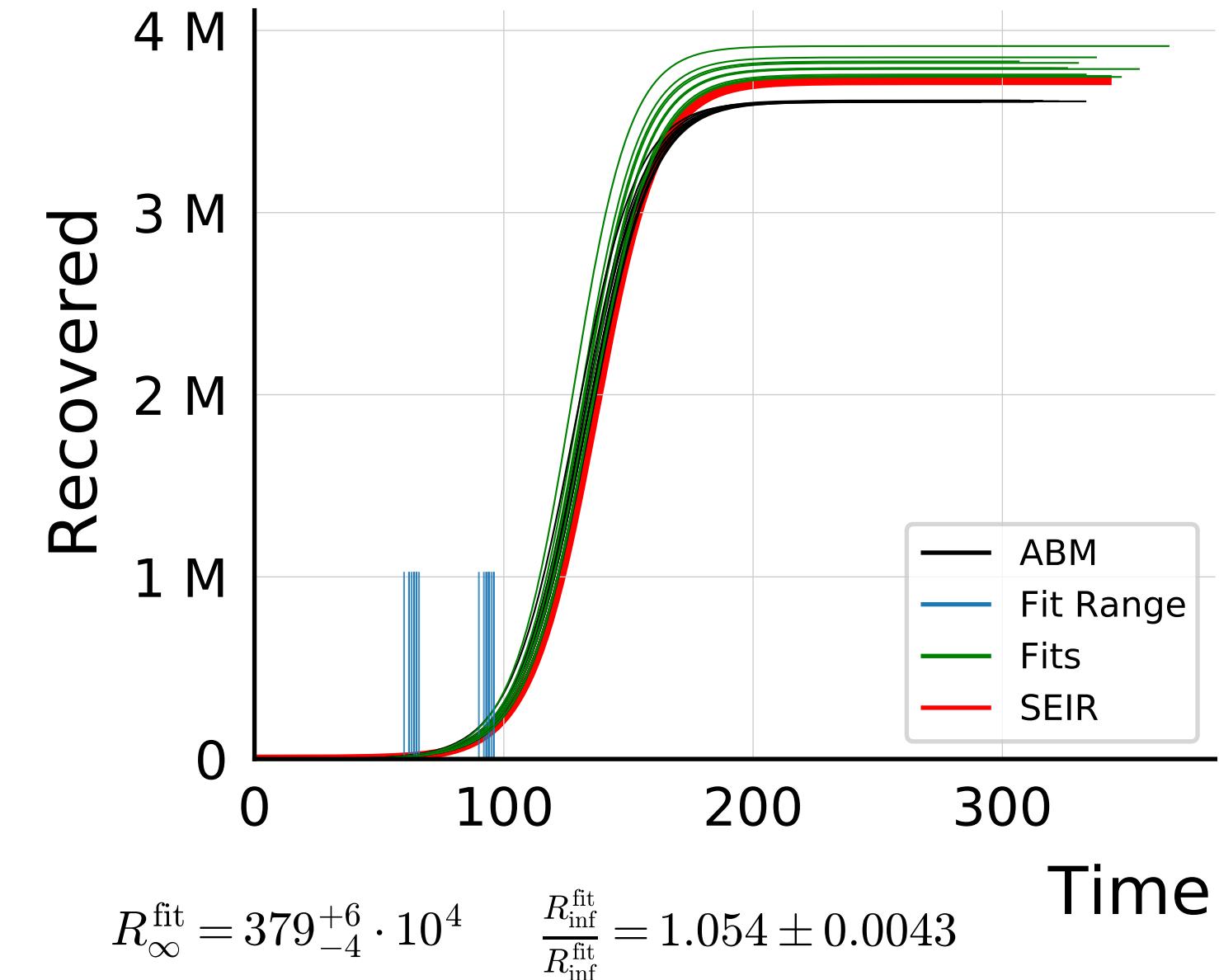
$N_{\text{tot}} = 500K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

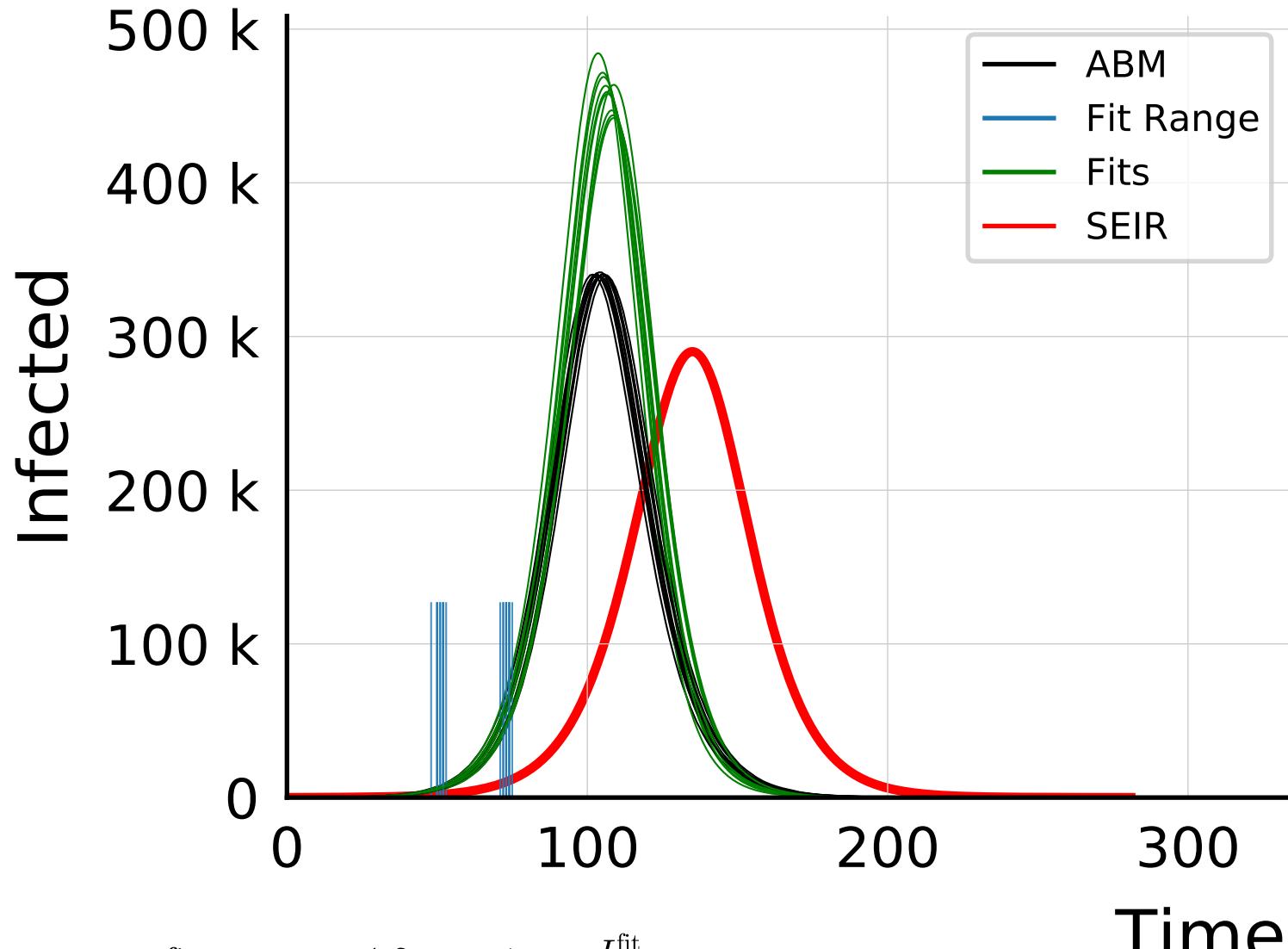


$$I_{\max}^{\text{fit}} = 30.5^{+1.3}_{-0.9} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.08 \pm 0.012$$

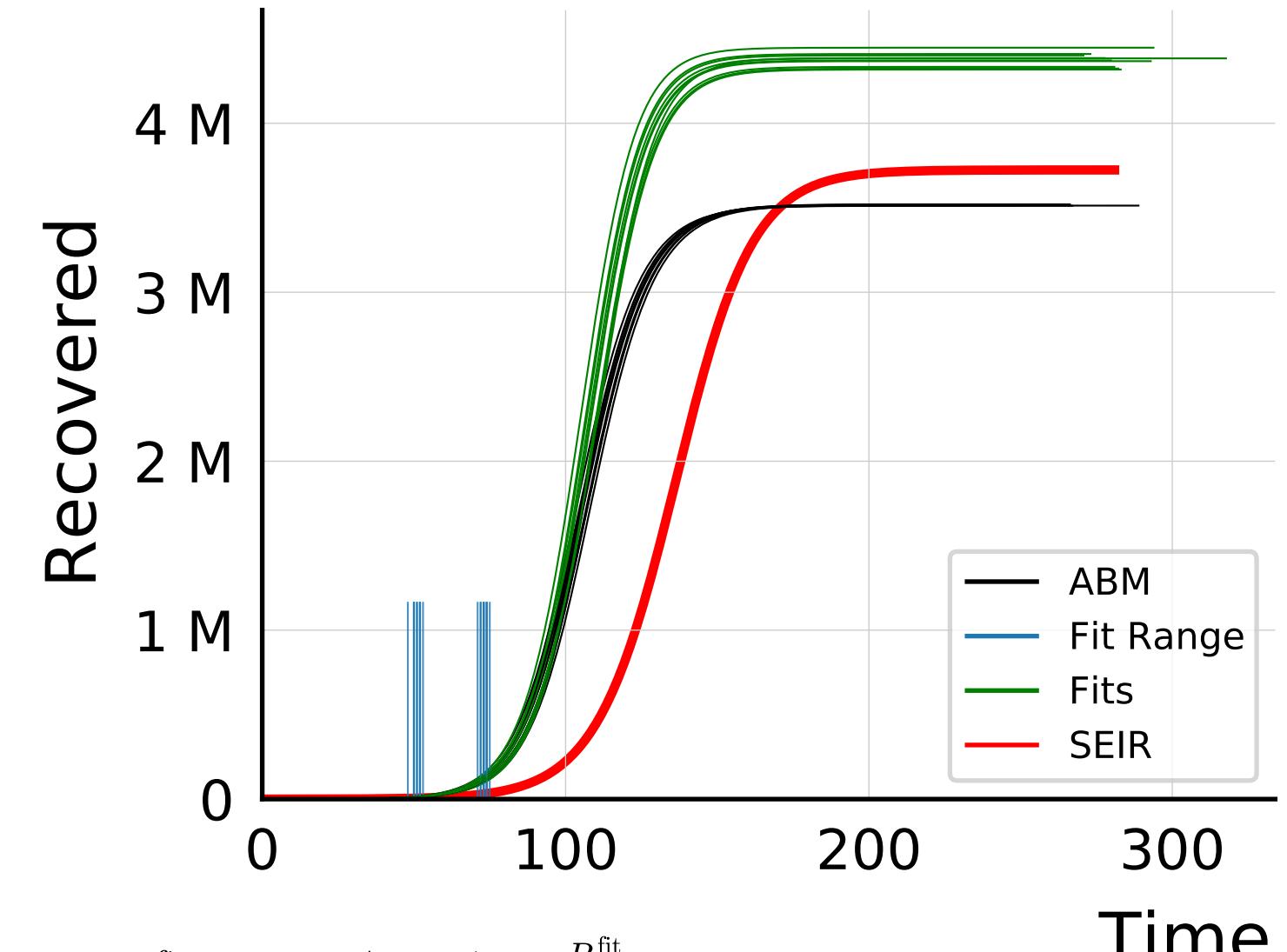


$$R_{\infty}^{\text{fit}} = 379^{+6}_{-4} \cdot 10^4 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.054 \pm 0.0043$$

$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

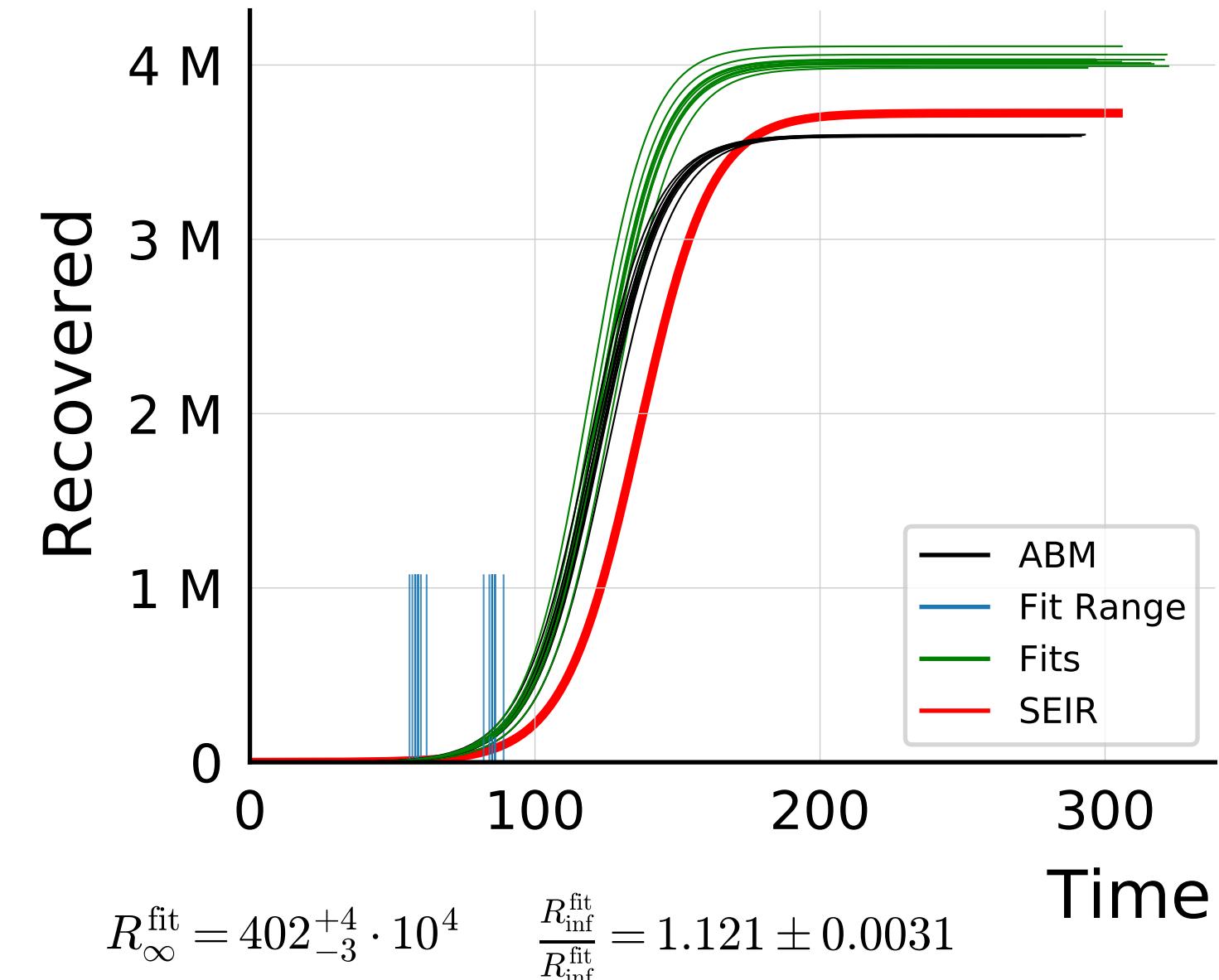
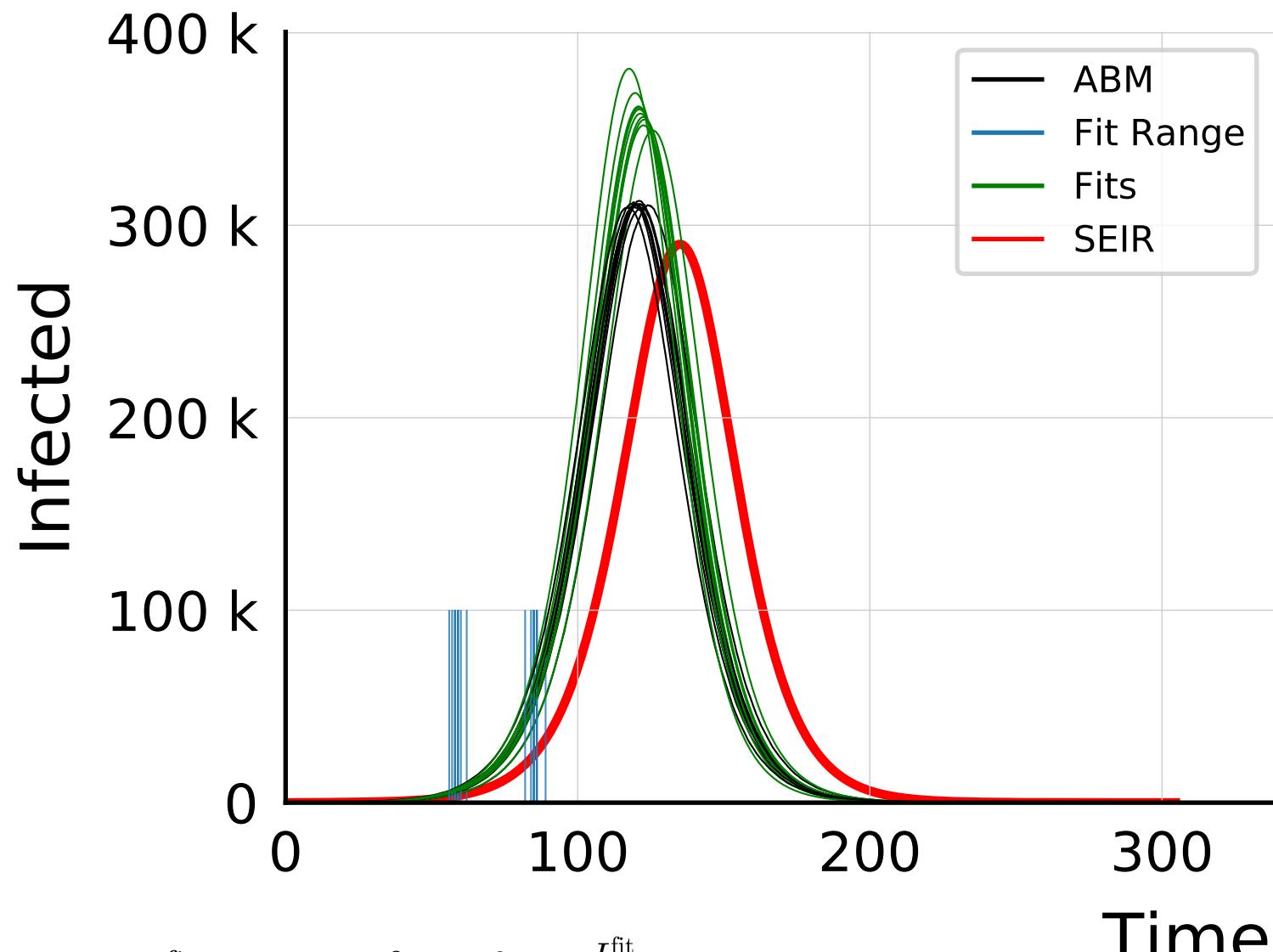


$$I_{\max}^{\text{fit}} = 46_{-1.6}^{+1.2} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.35 \pm 0.012$$

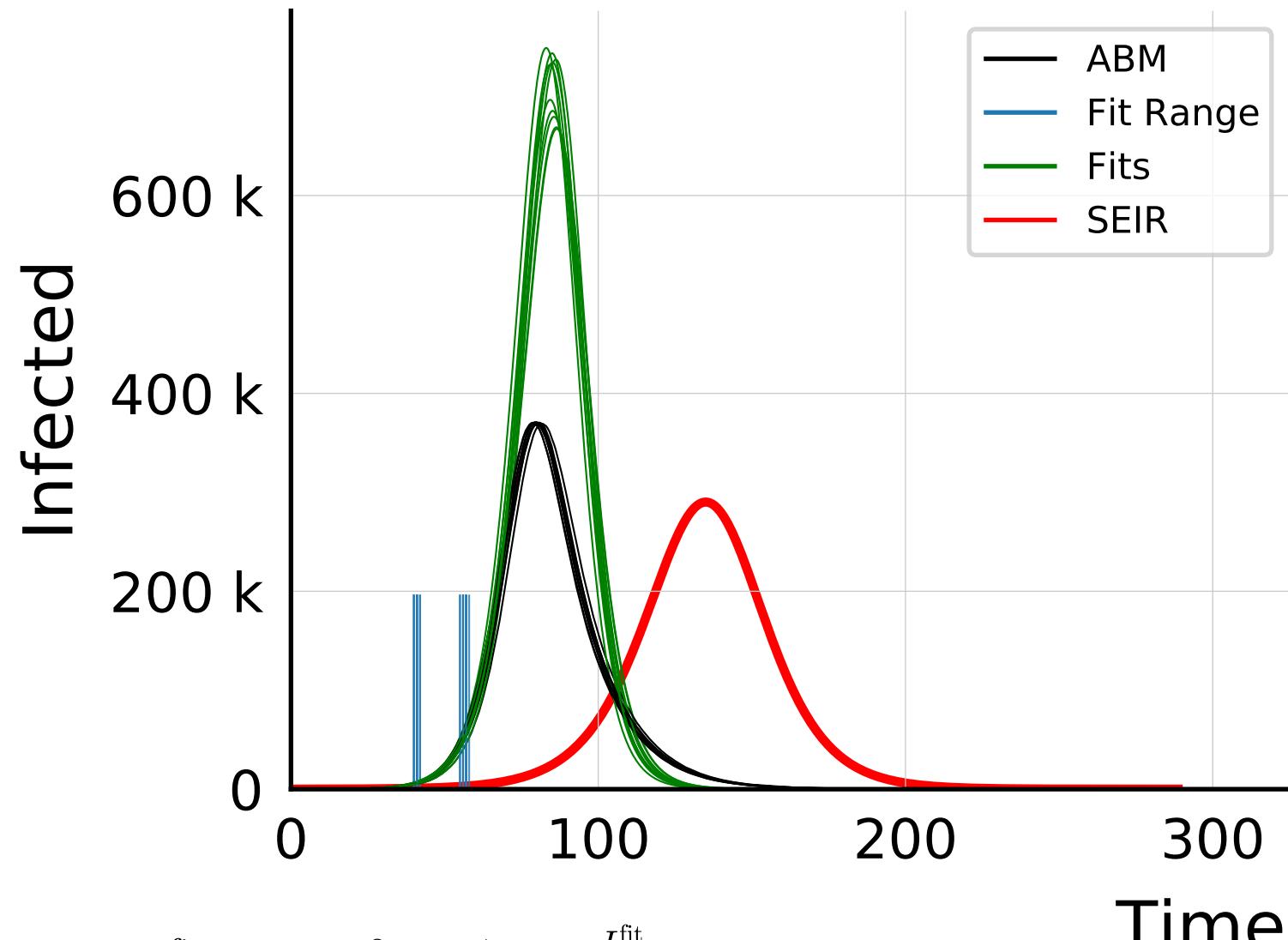


$$R_{\infty}^{\text{fit}} = 437_{-5}^{+4} \cdot 10^4 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.244 \pm 0.0036$$

$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.01$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

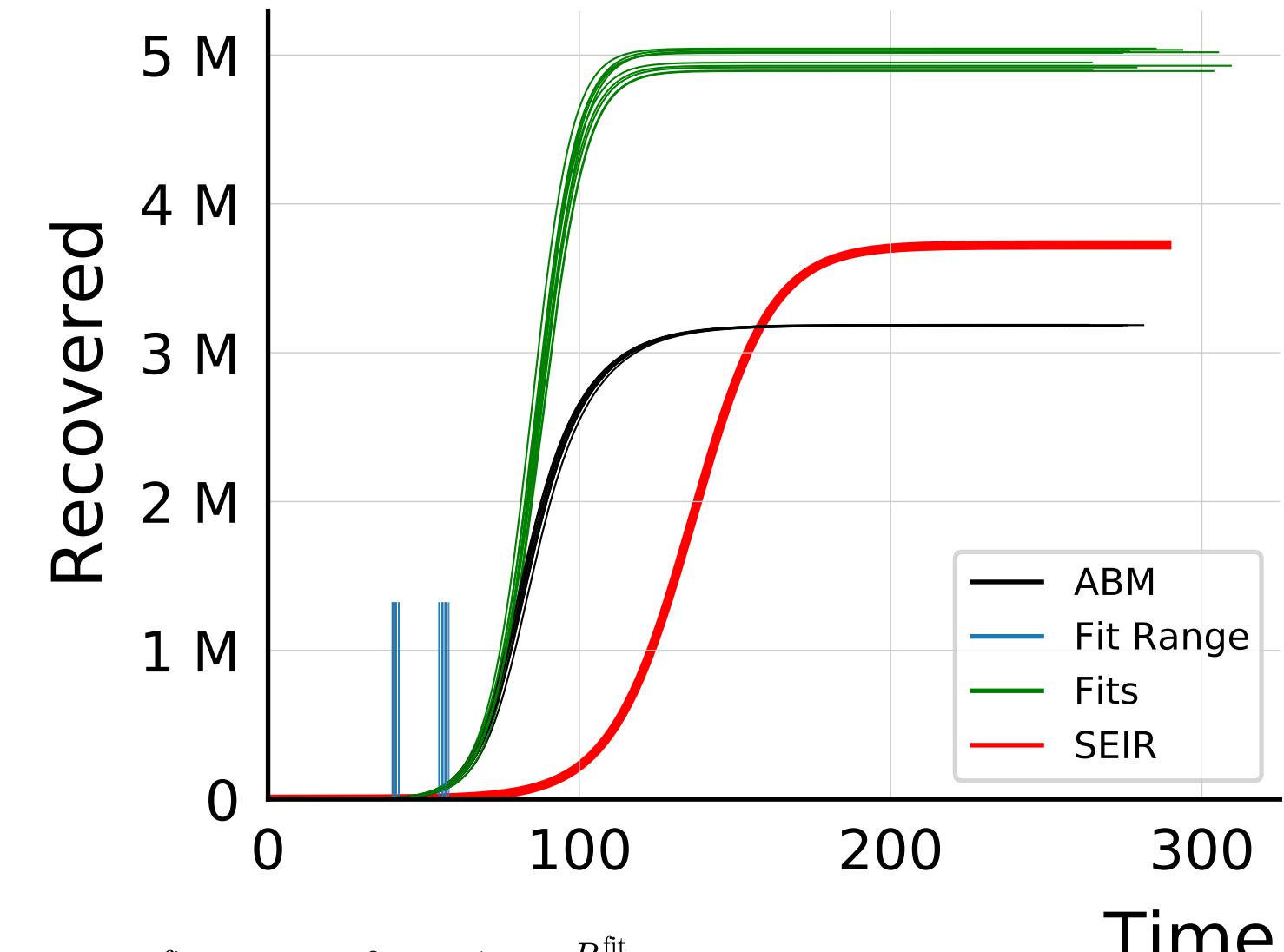


$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 71_{-4}^{+3} \cdot 10^4$$

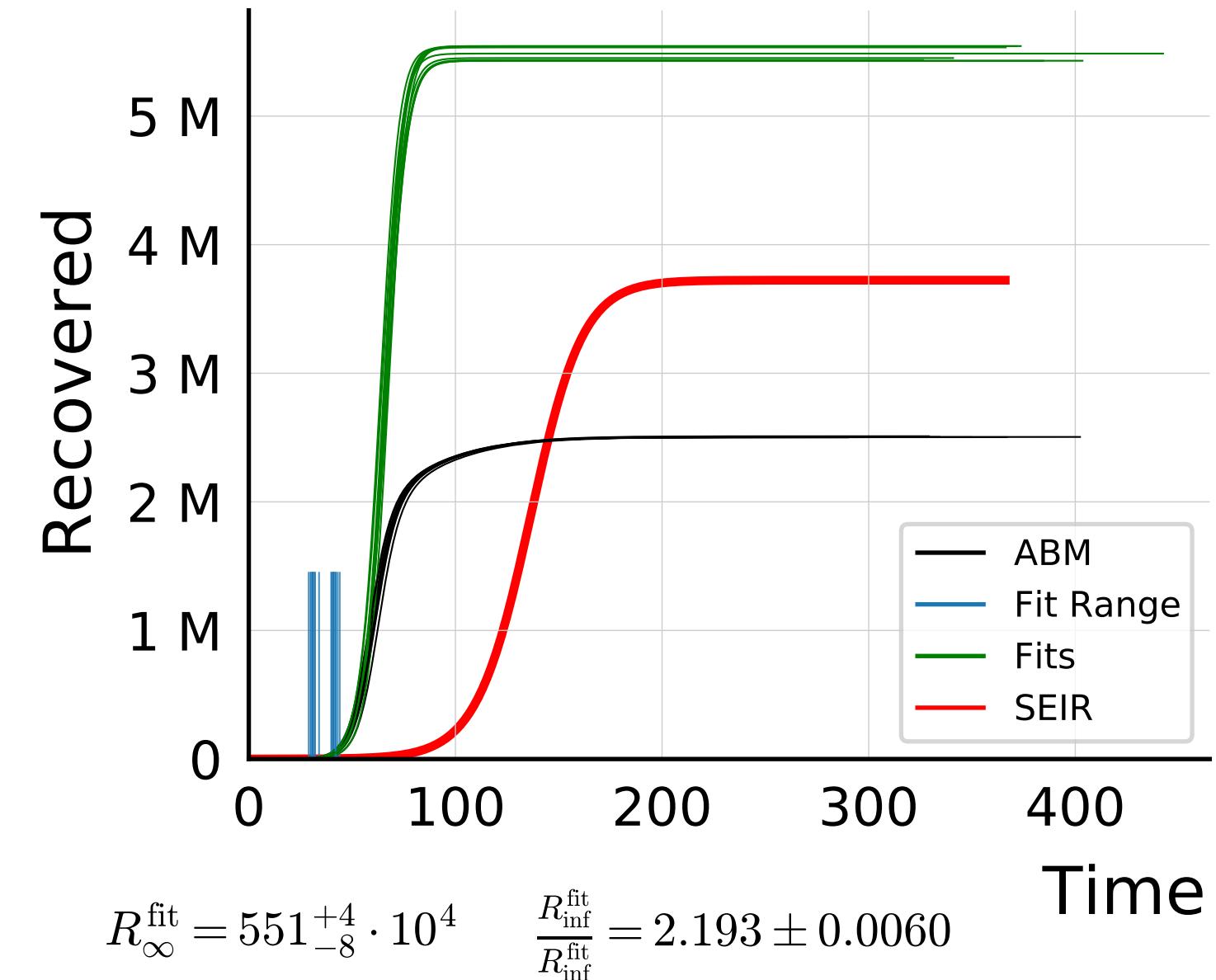
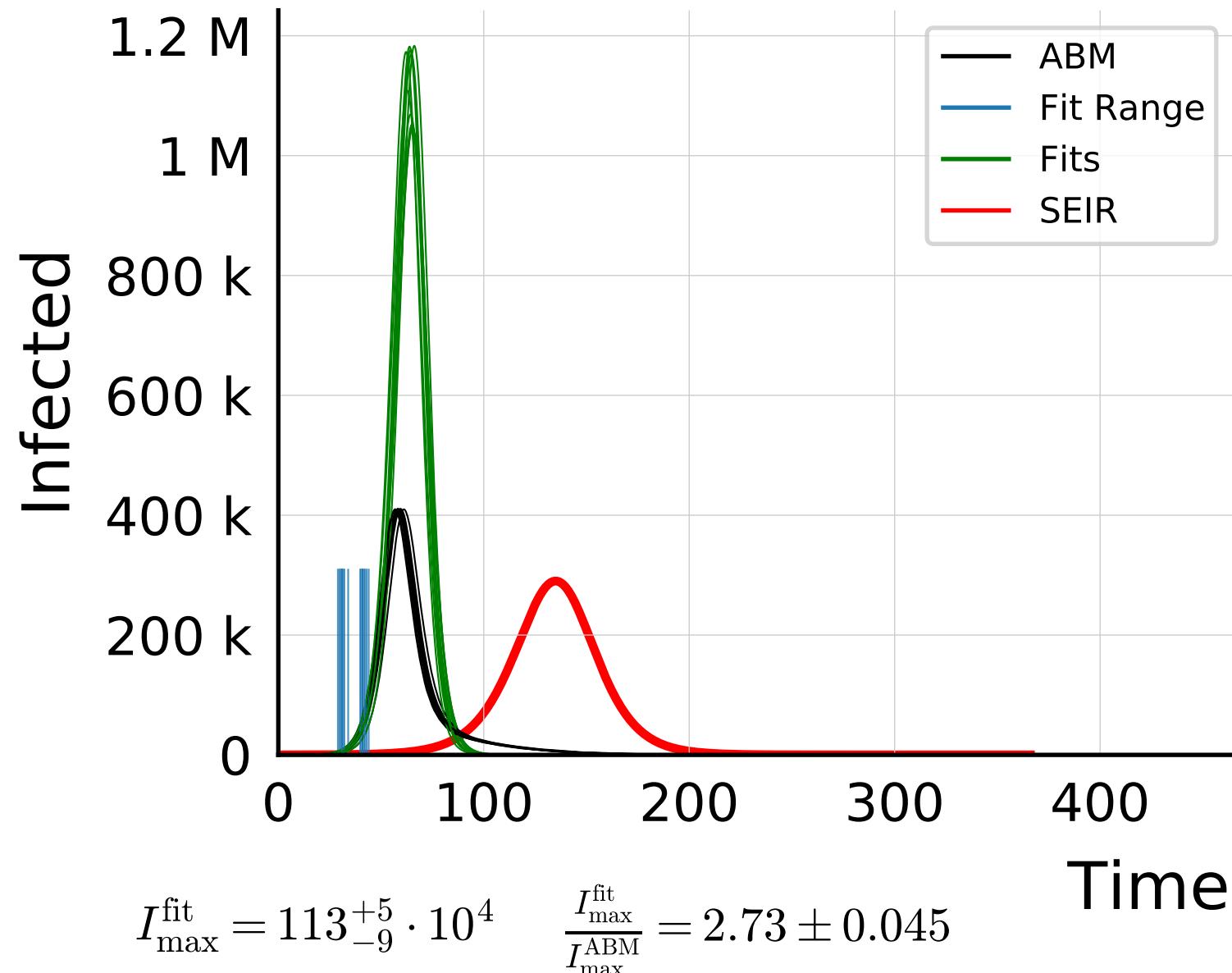
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.92 \pm 0.027$$



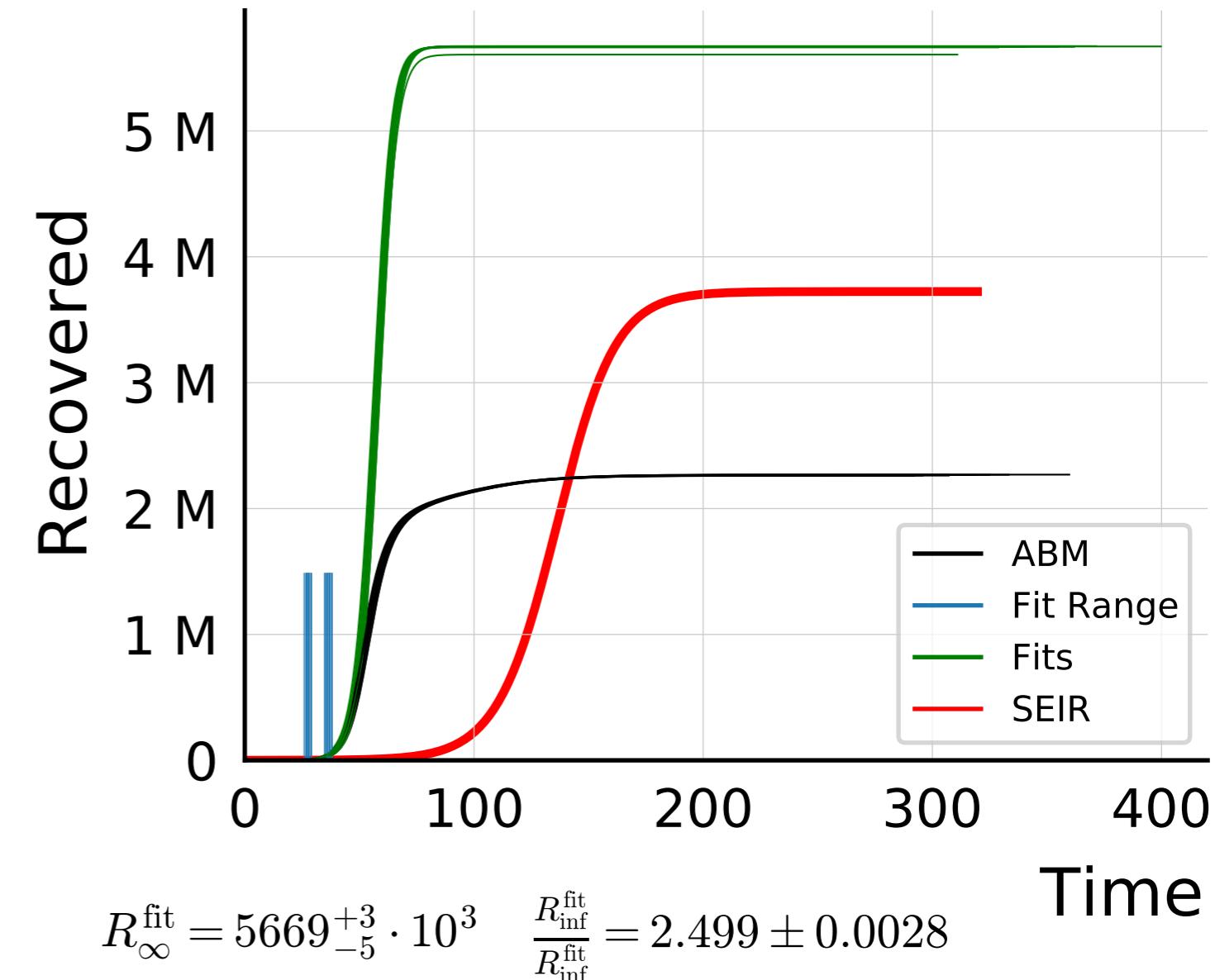
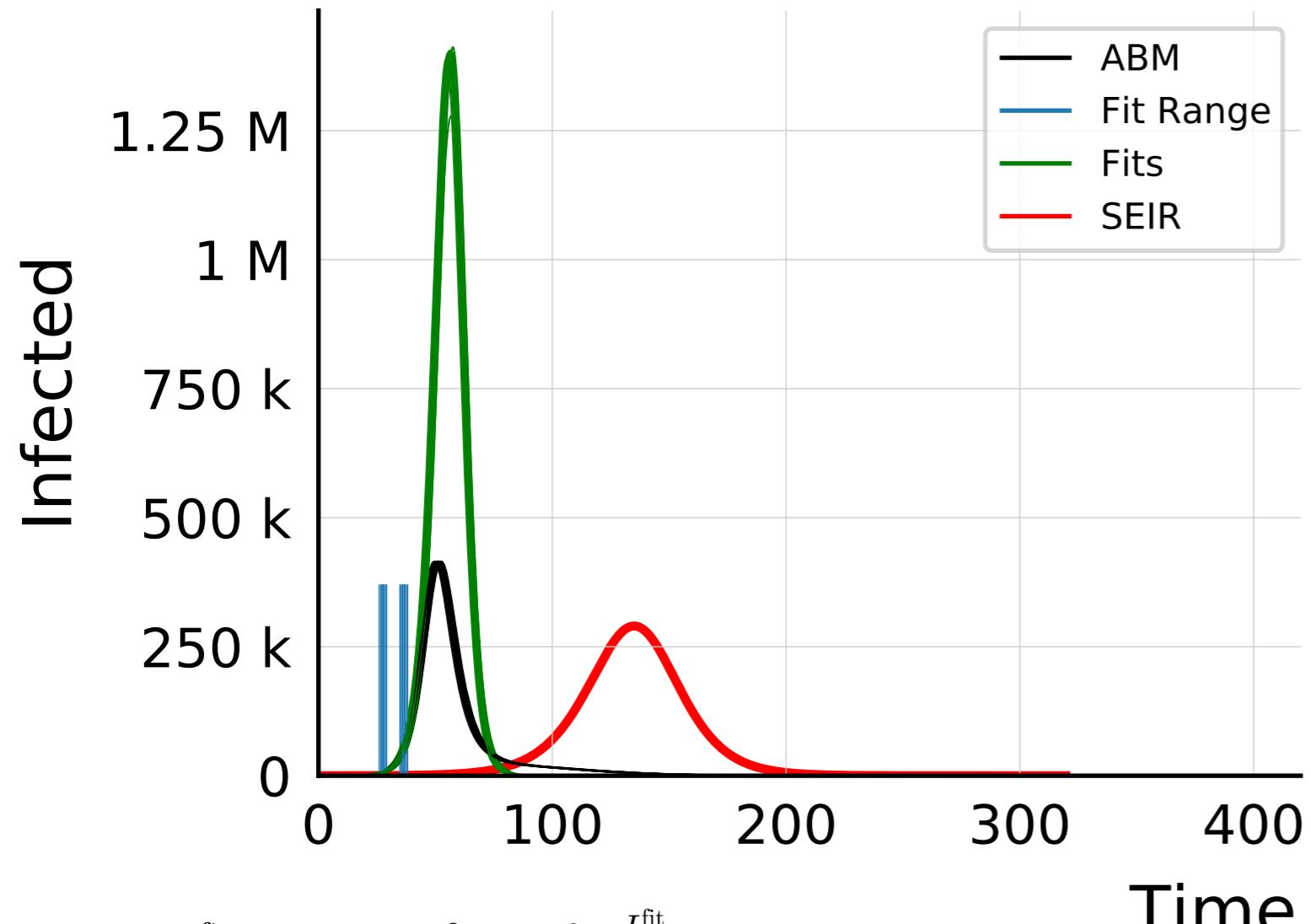
$$R_{\infty}^{\text{fit}} = 497_{-8}^{+6} \cdot 10^4$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.562 \pm 0.0059$$

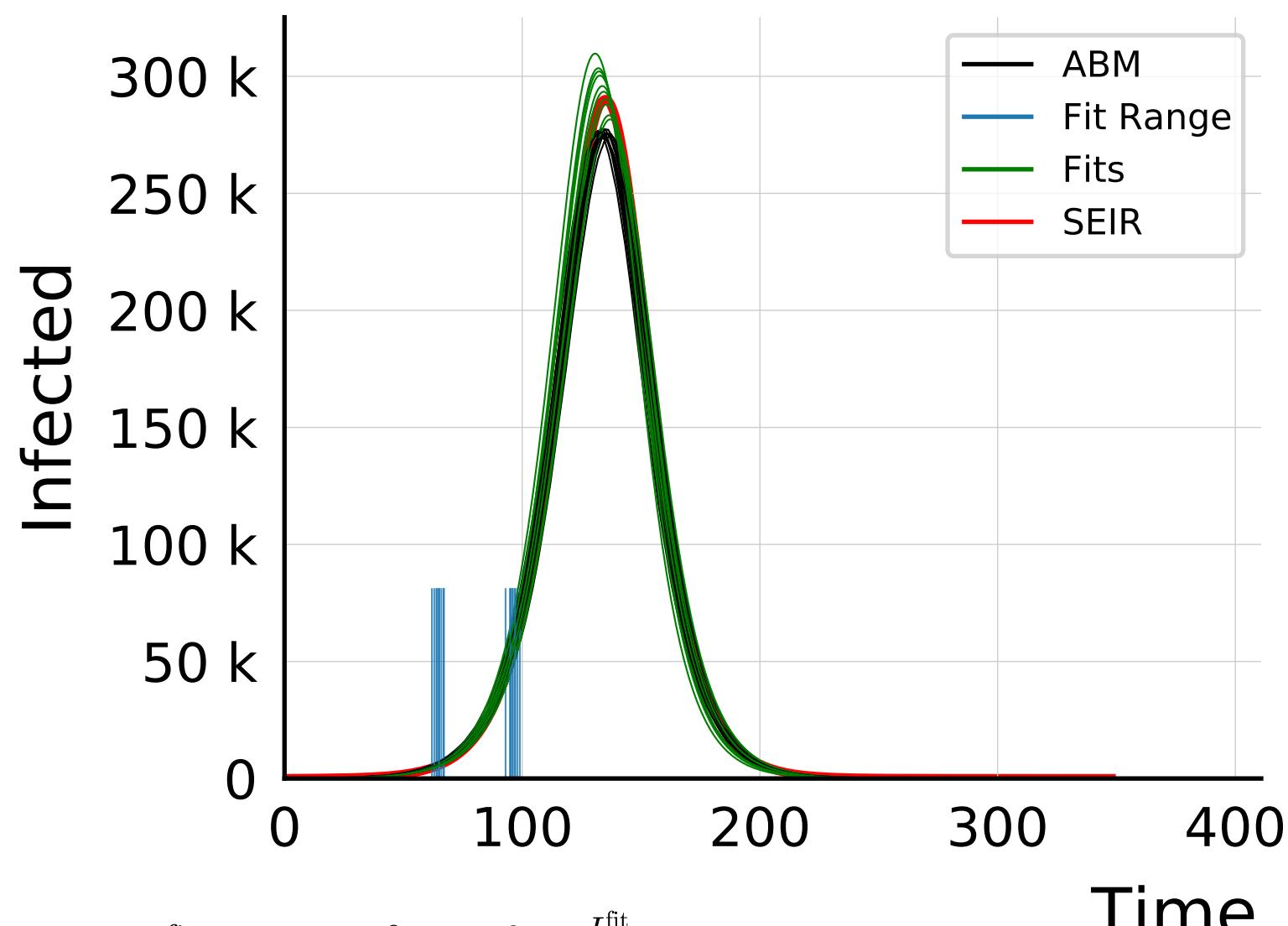
$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



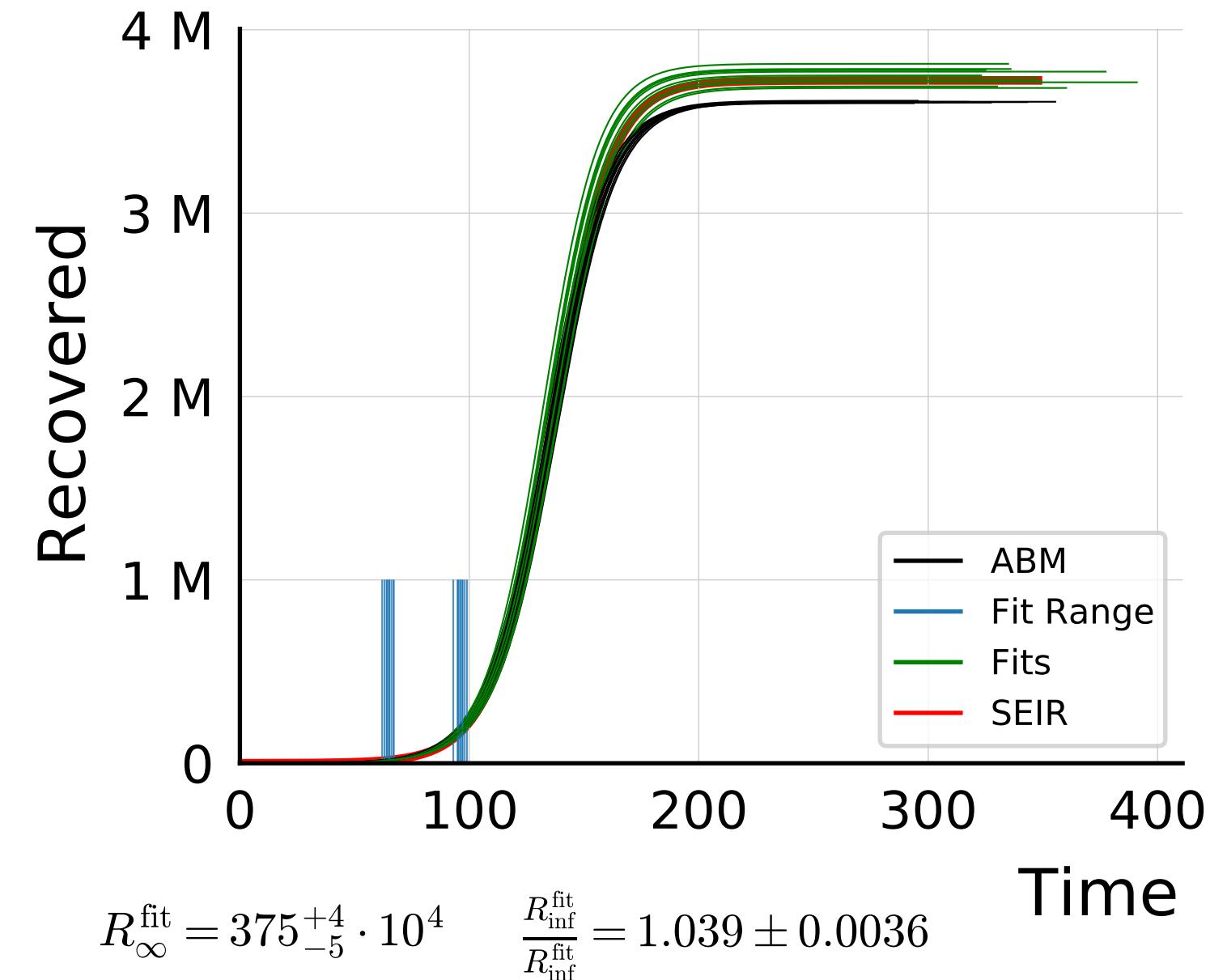
$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

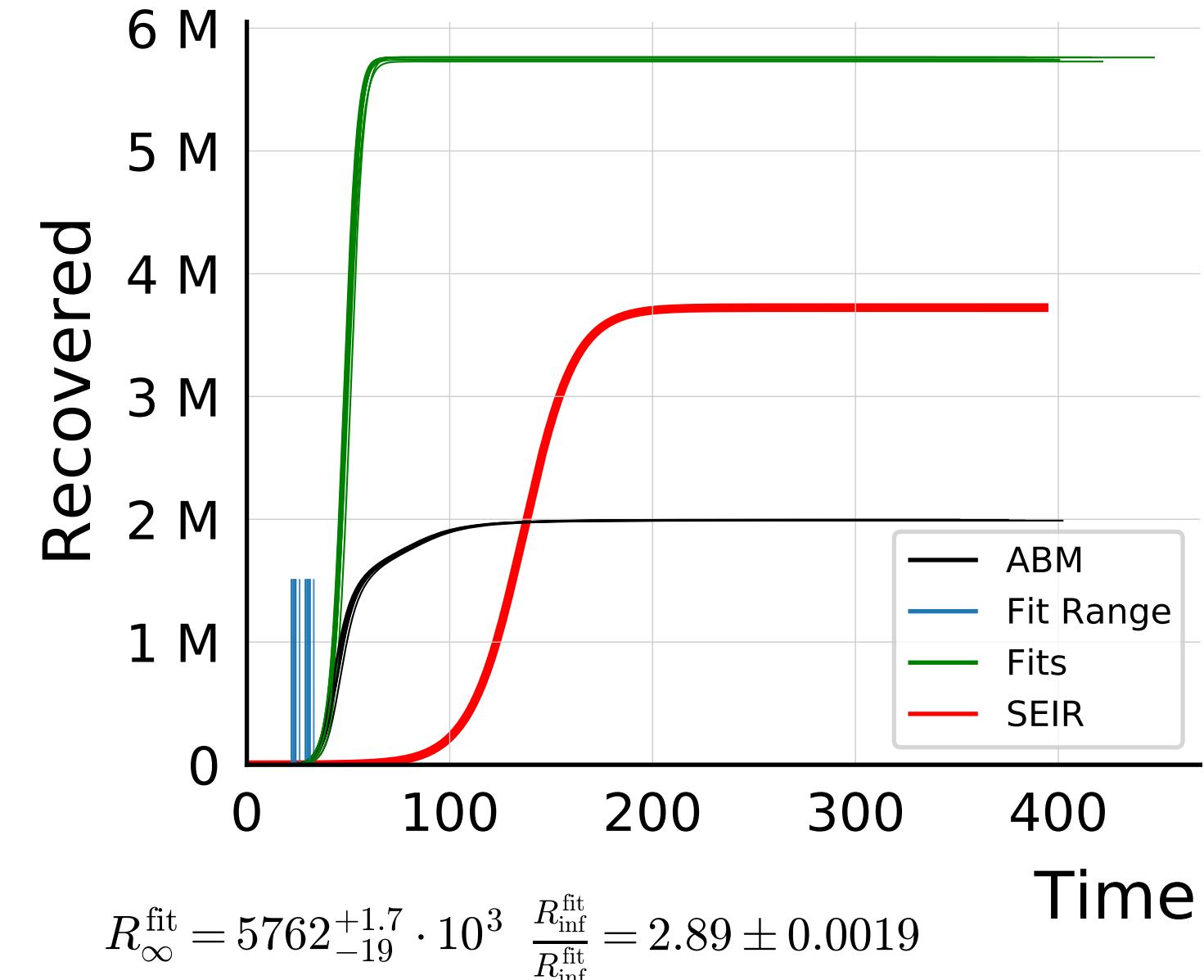
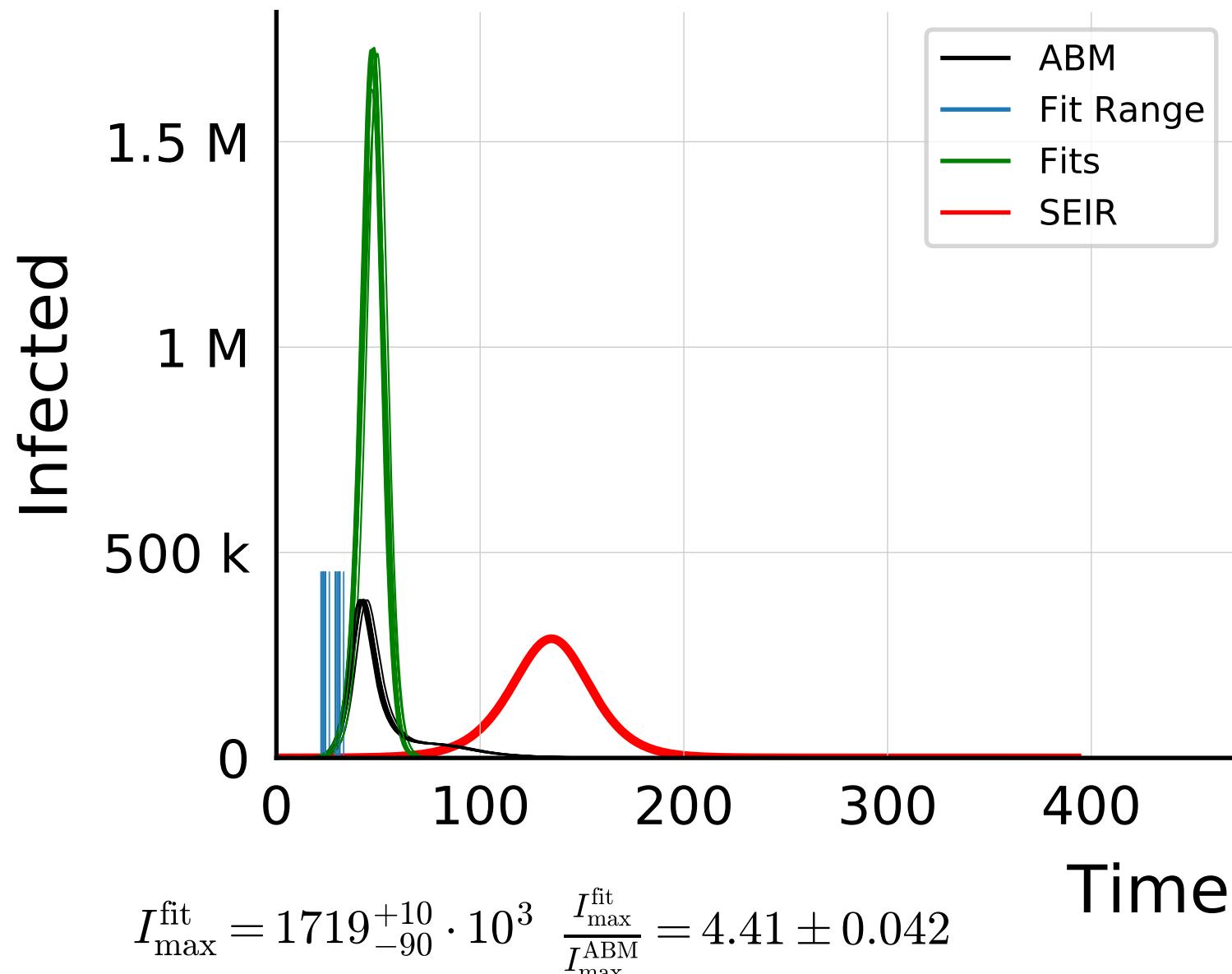


$$I_{\max}^{\text{fit}} = 295_{-11}^{+9} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.069 \pm 0.0100$$

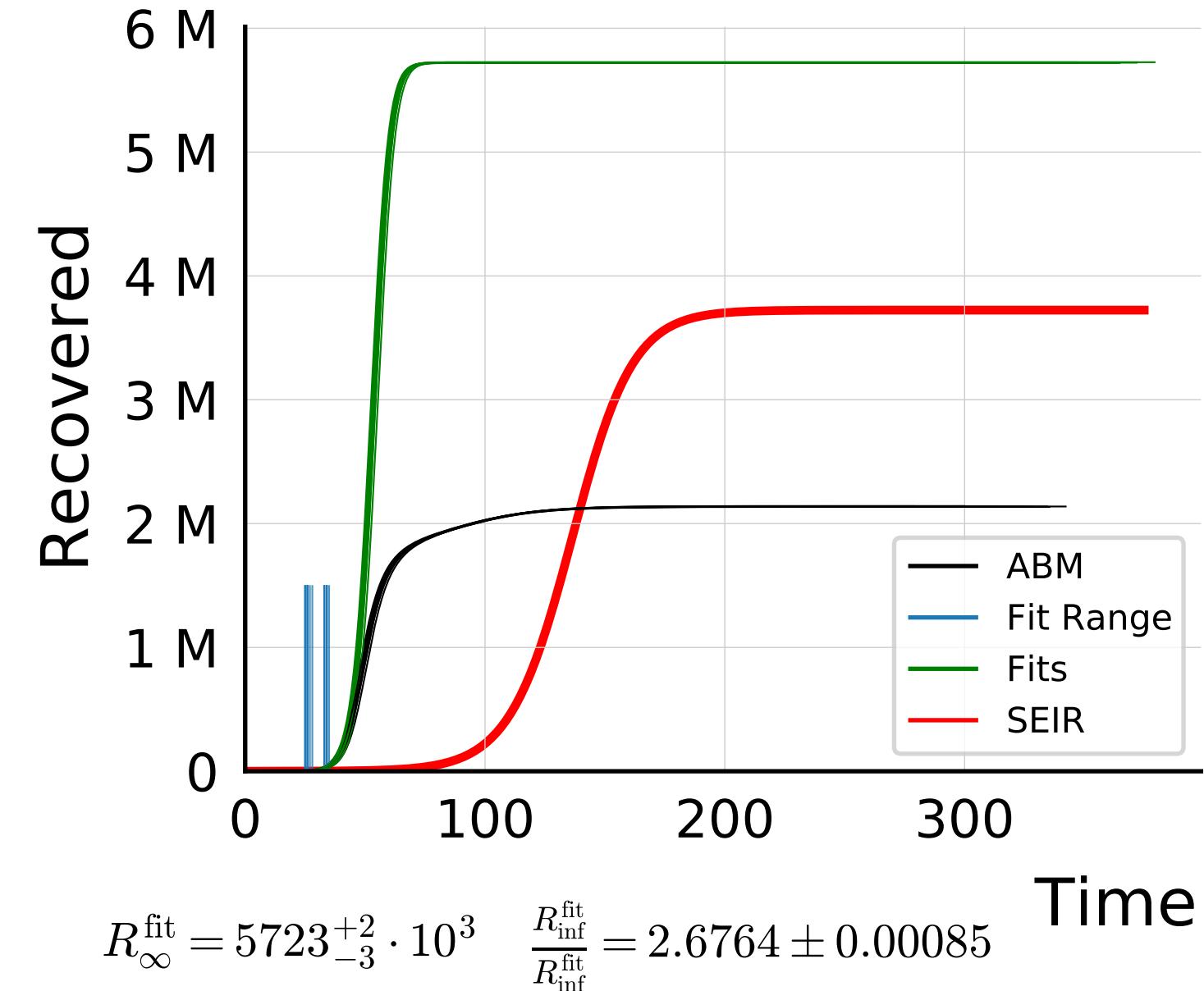
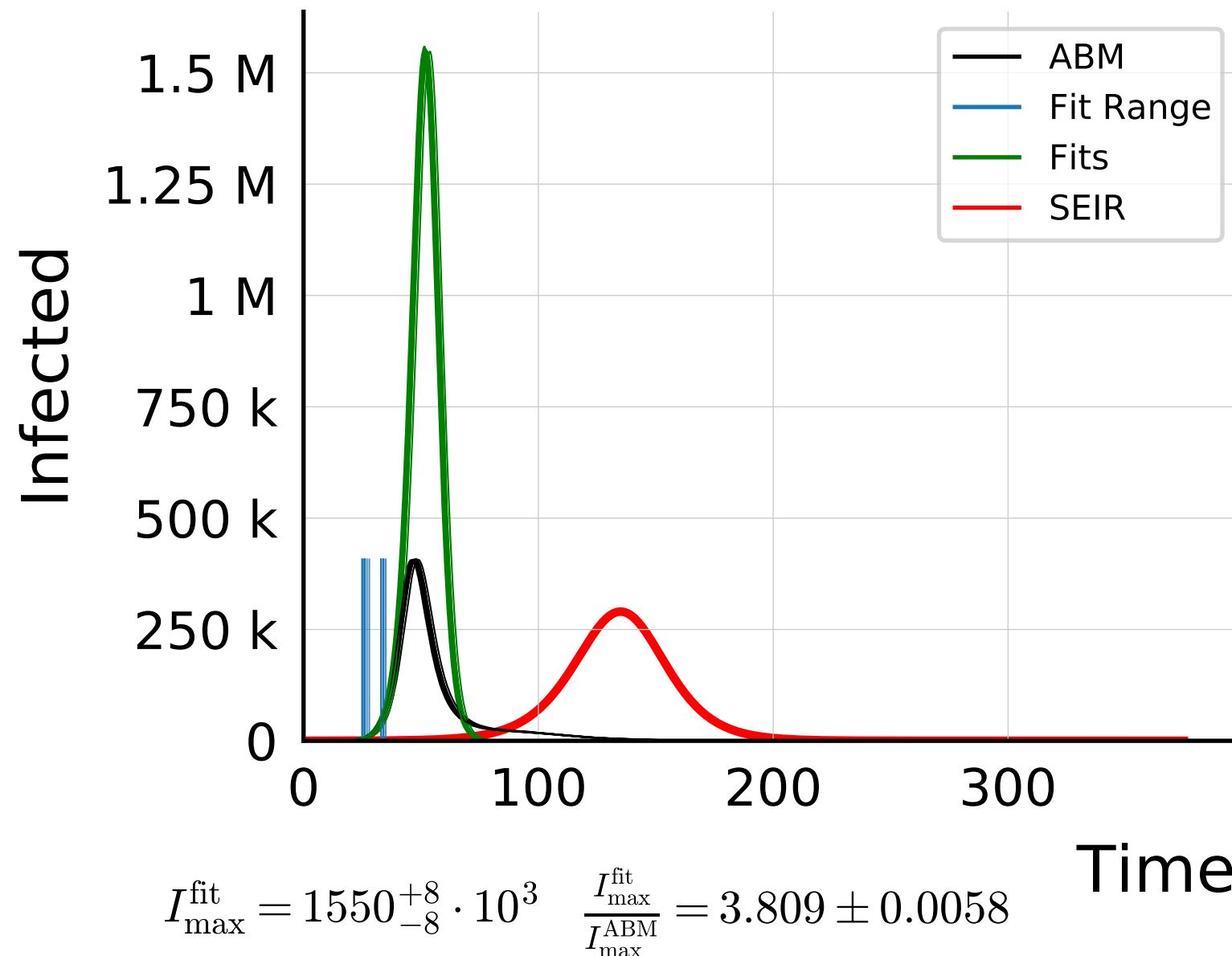


$$R_{\infty}^{\text{fit}} = 375_{-5}^{+4} \cdot 10^4 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.039 \pm 0.0036$$

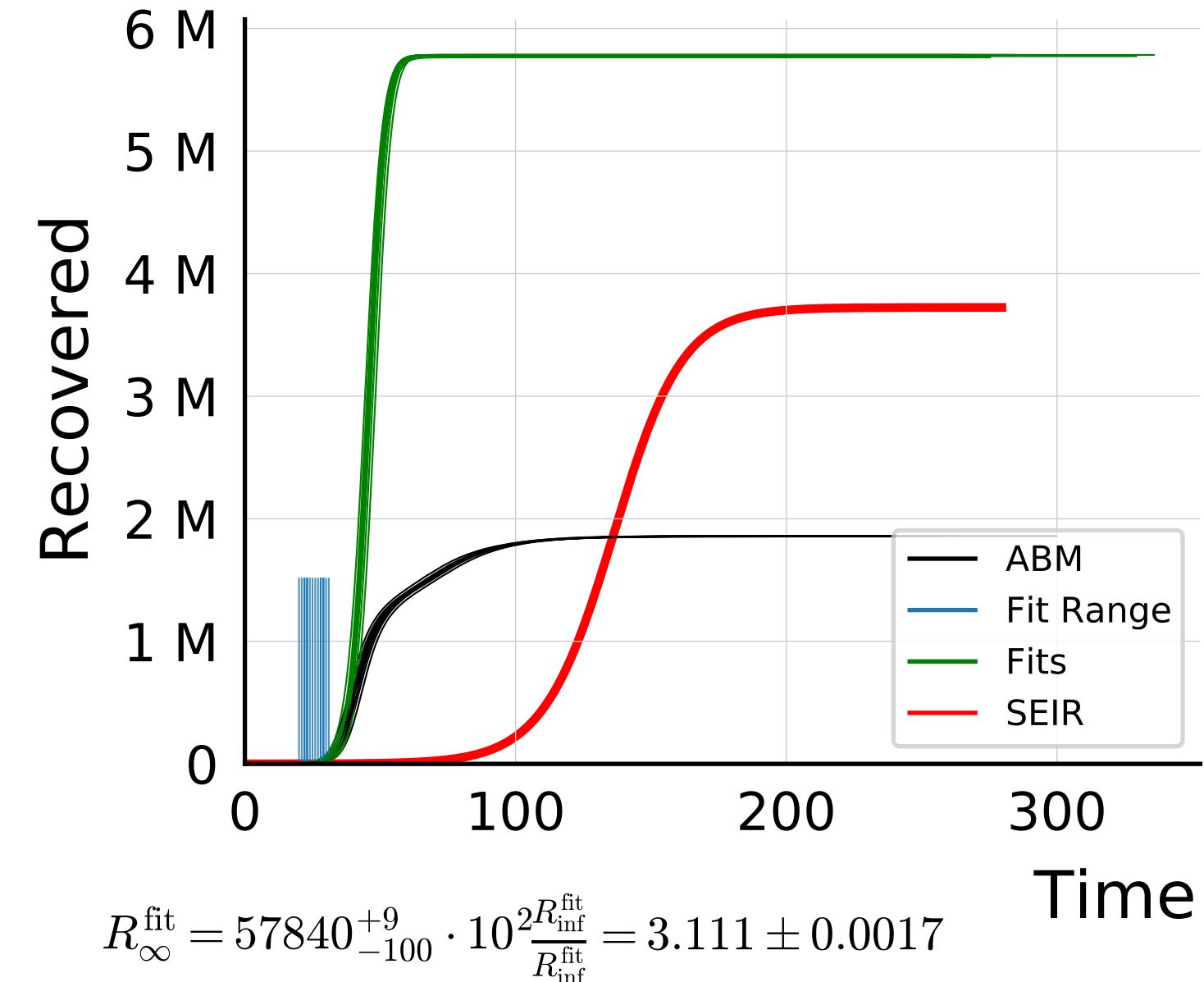
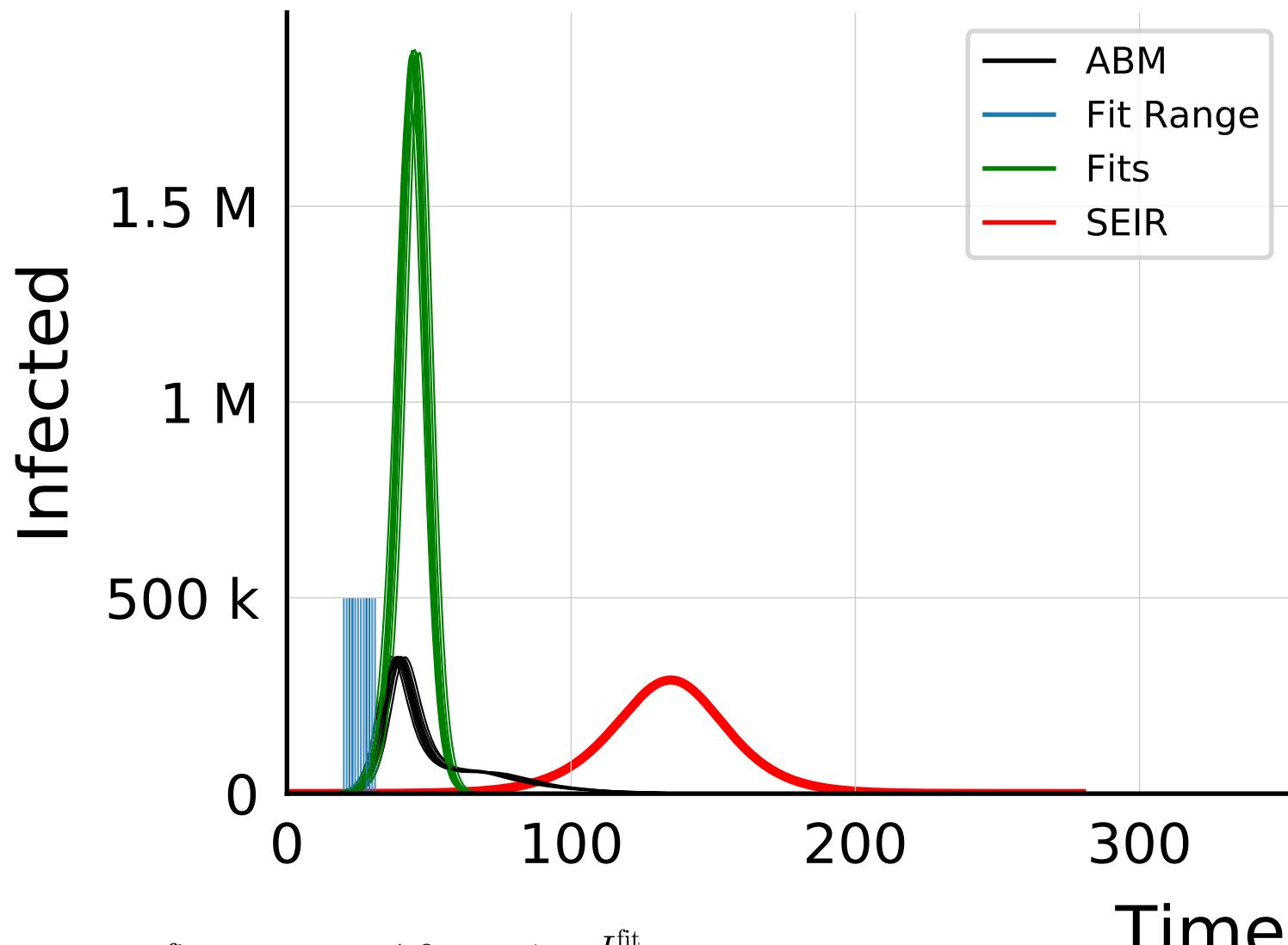
$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



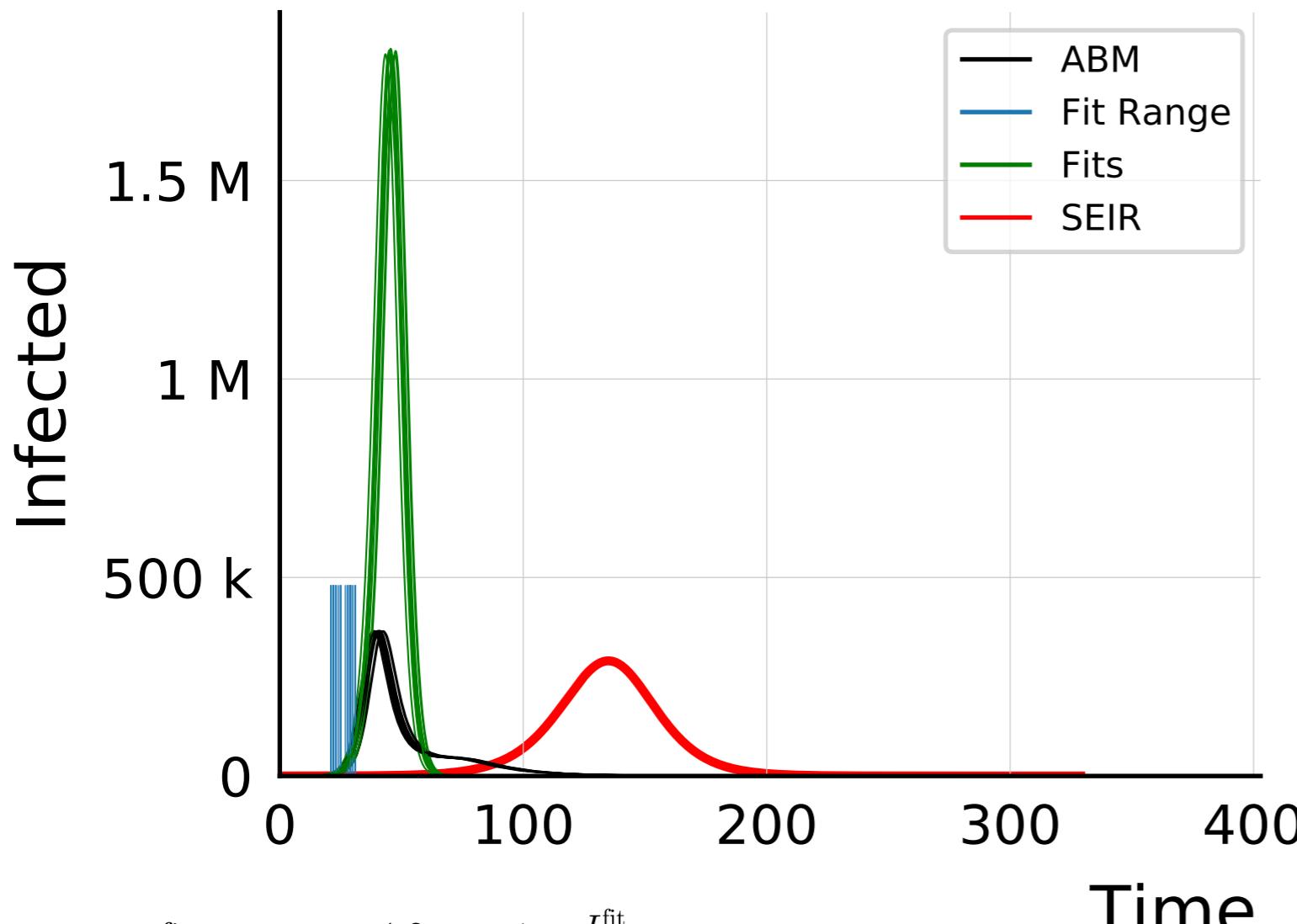
$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



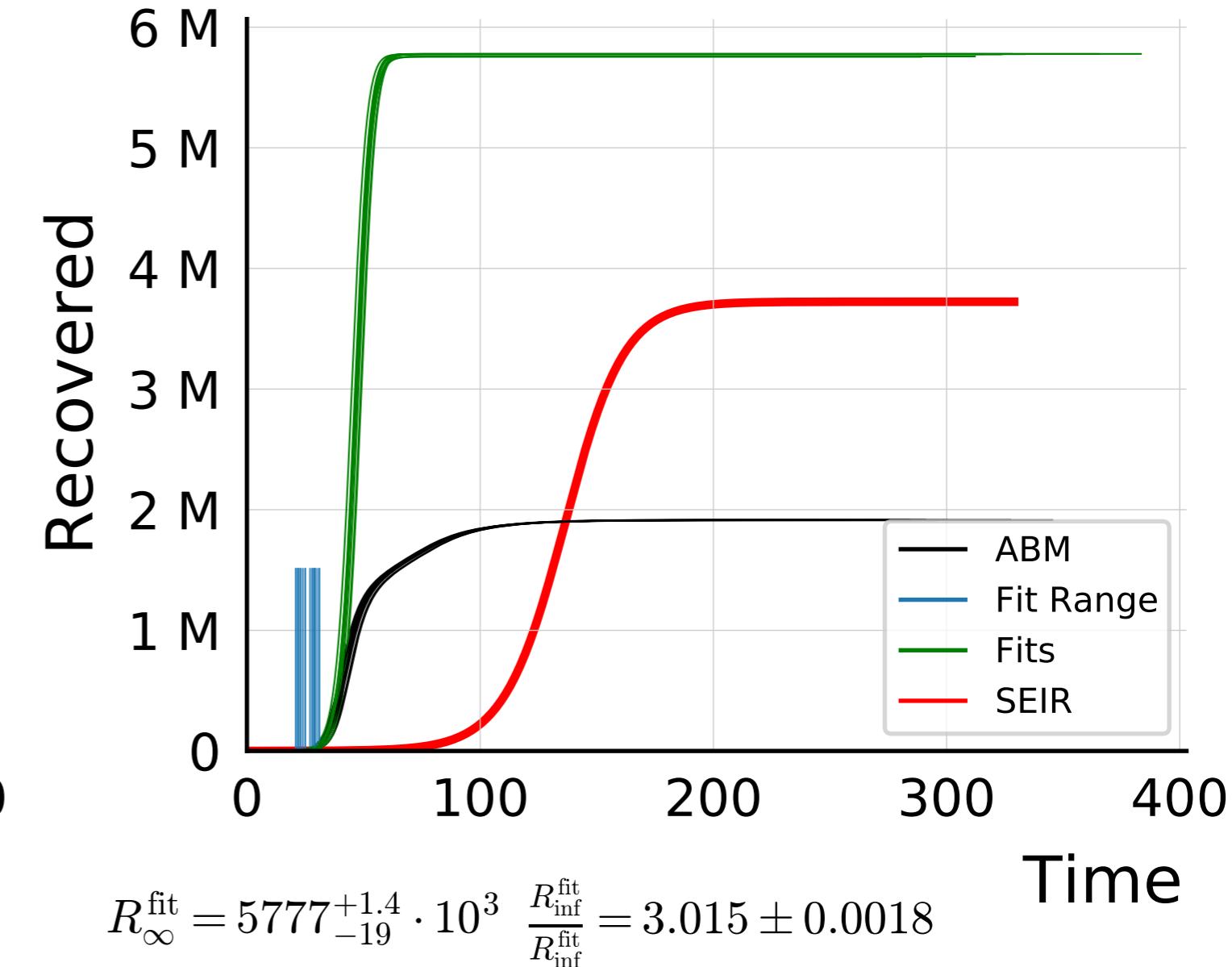
$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

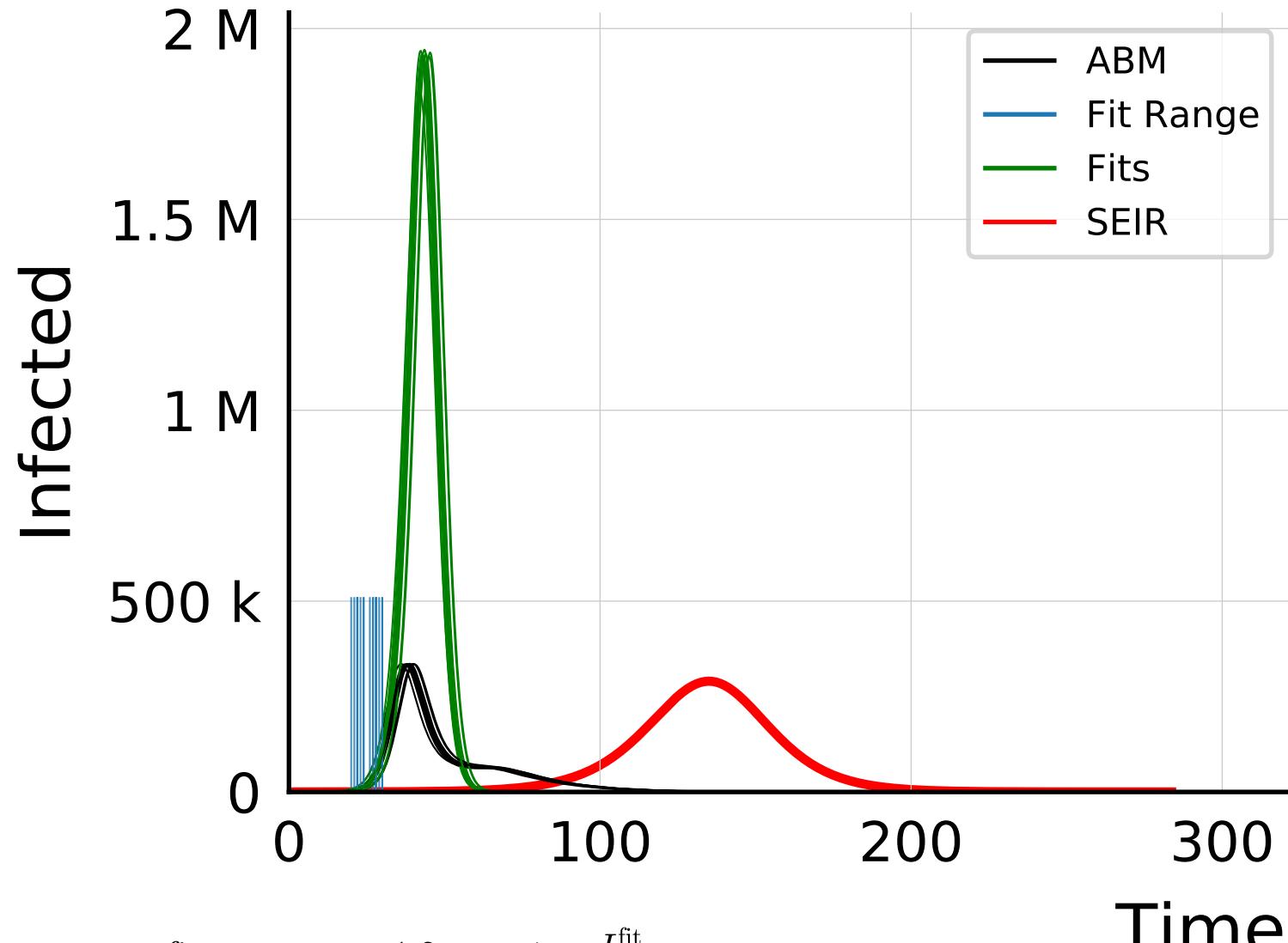


$$I_{\max}^{\text{fit}} = 182_{-12}^{+1.2} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 4.91 \pm 0.047$$

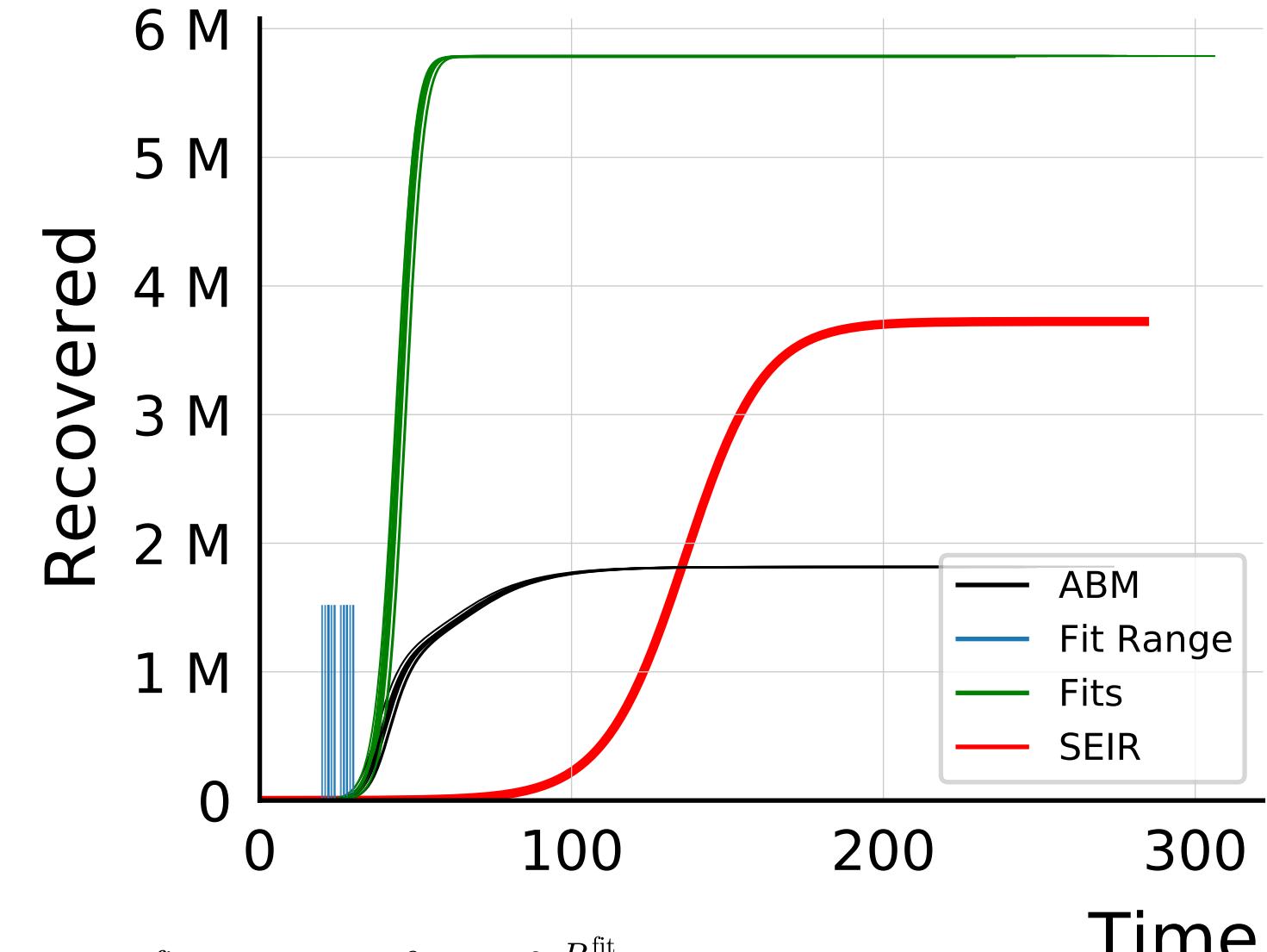


$$R_{\infty}^{\text{fit}} = 5777_{-19}^{+1.4} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 3.015 \pm 0.0018$$

$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

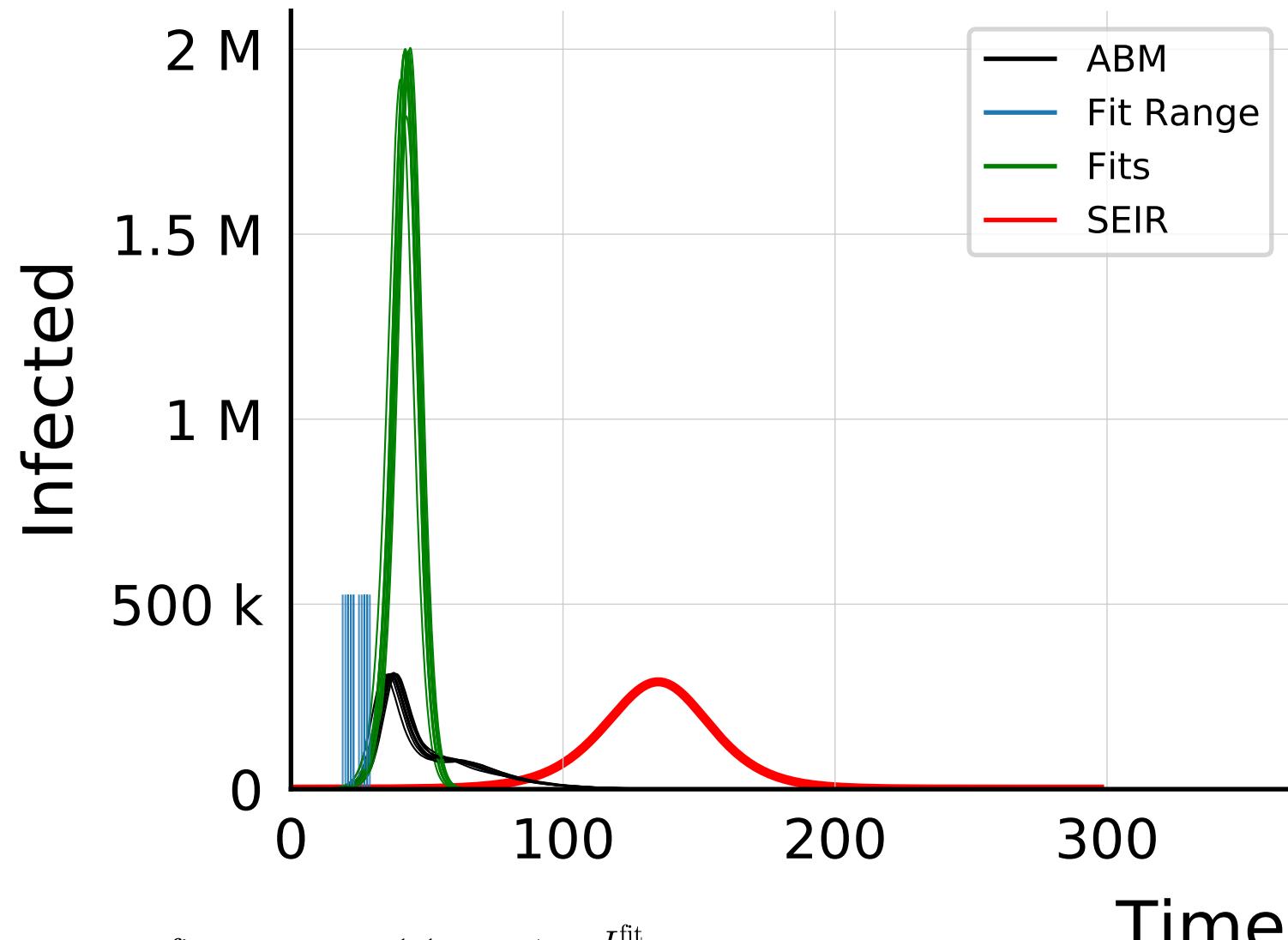


$$I_{\max}^{\text{fit}} = 193^{+1.2}_{-1.4} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 5.74 \pm 0.030$$

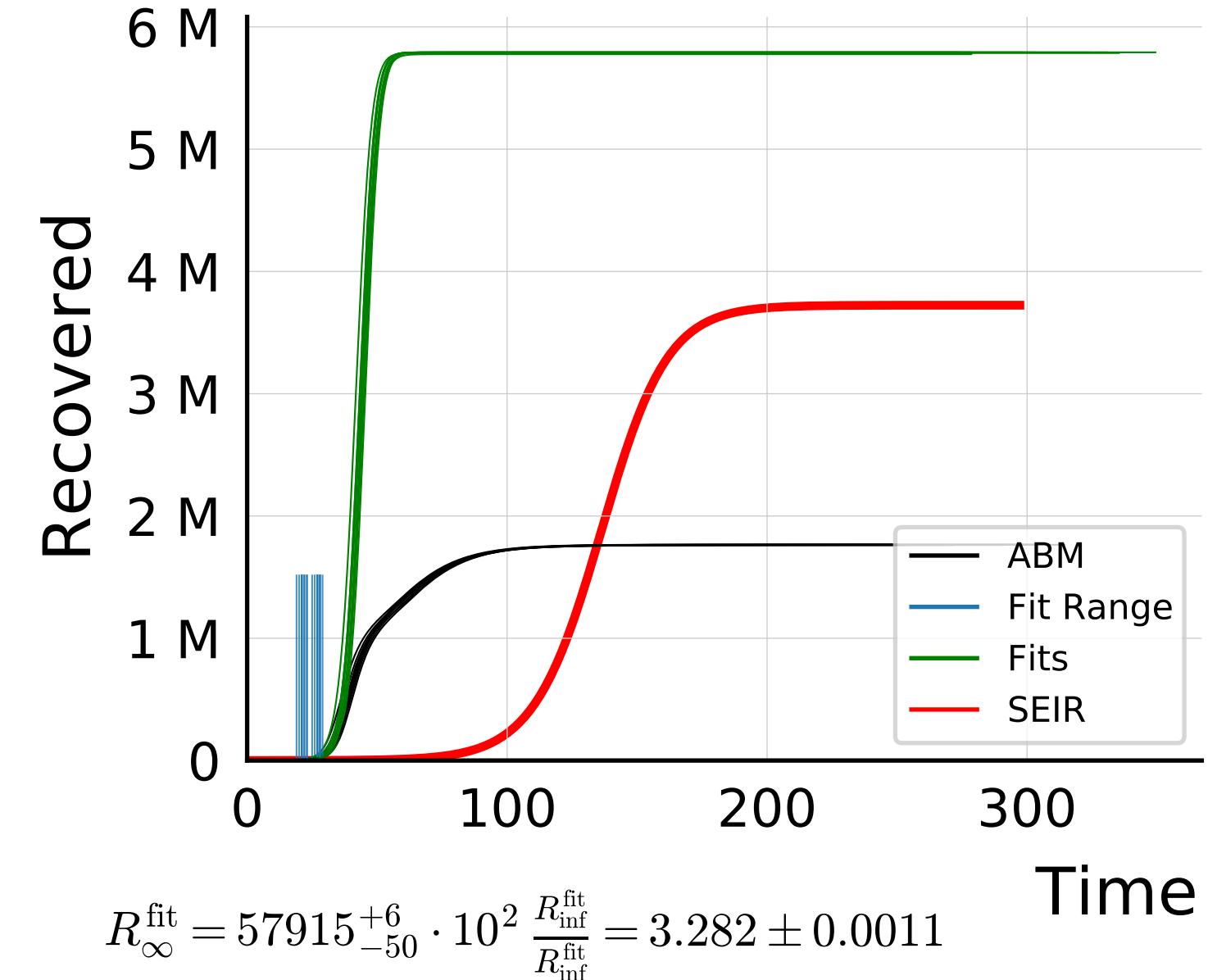


$$R_{\infty}^{\text{fit}} = 57876^{+9}_{-11} \cdot 10^2 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 3.1865 \pm 0.00095$$

$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

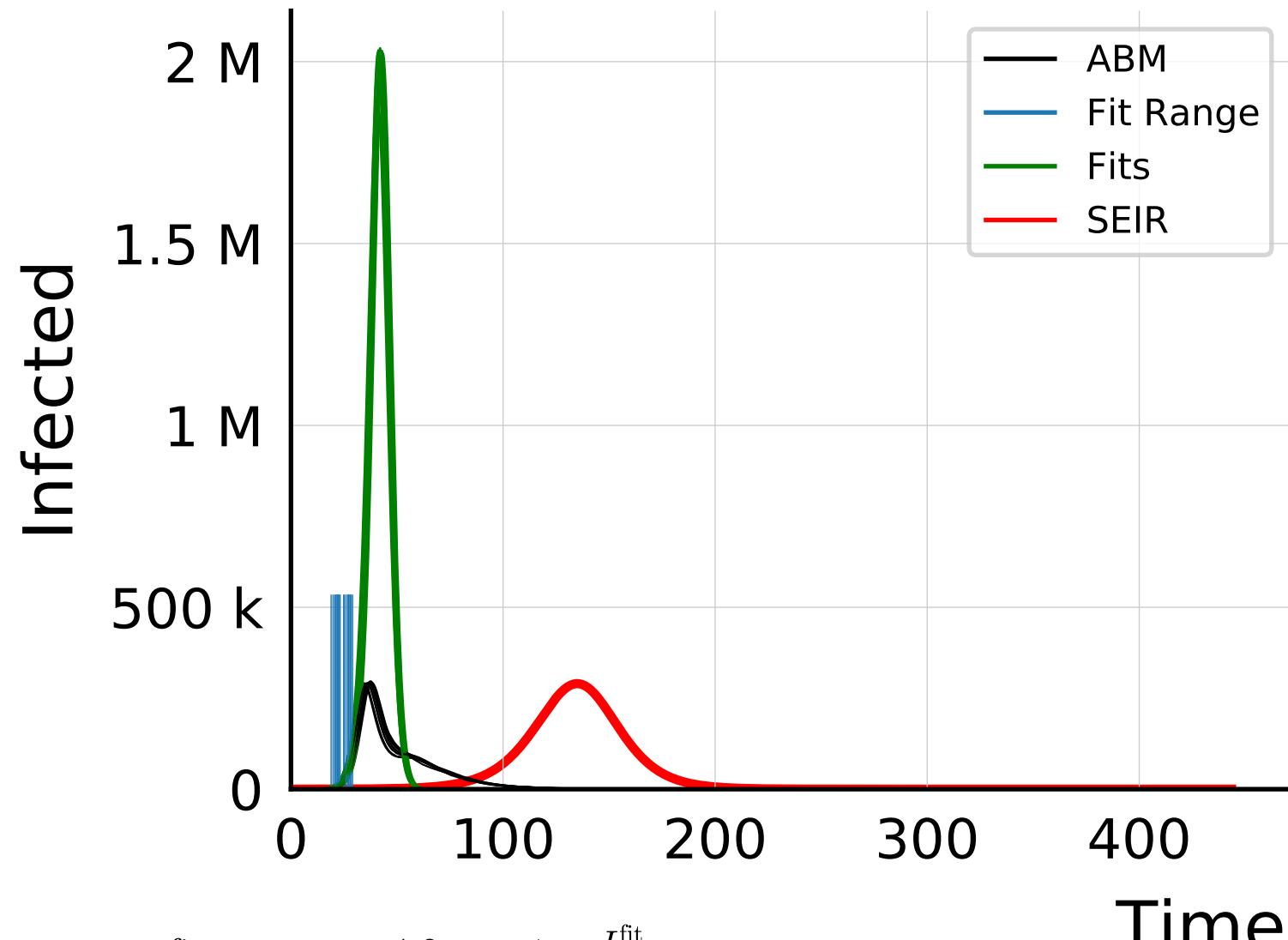


$$I_{\text{max}}^{\text{fit}} = 199_{-7}^{+1.1} \cdot 10^4 \quad \frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 6.32 \pm 0.055$$

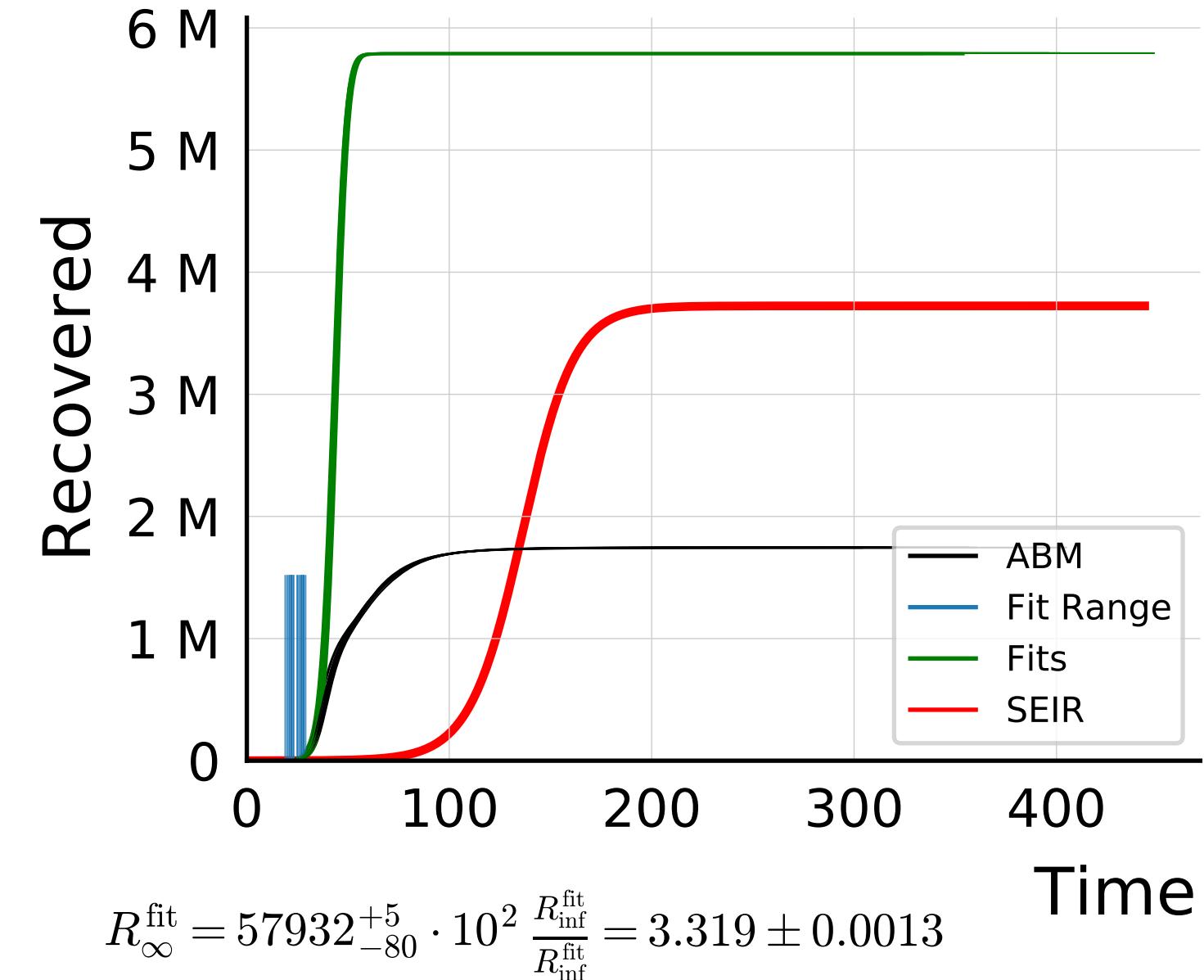


$$R_{\infty}^{\text{fit}} = 57915_{-50}^{+6} \cdot 10^2 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 3.282 \pm 0.0011$$

$N_{\text{tot}} = 5.8M$, $N_{\text{init}} = 100$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

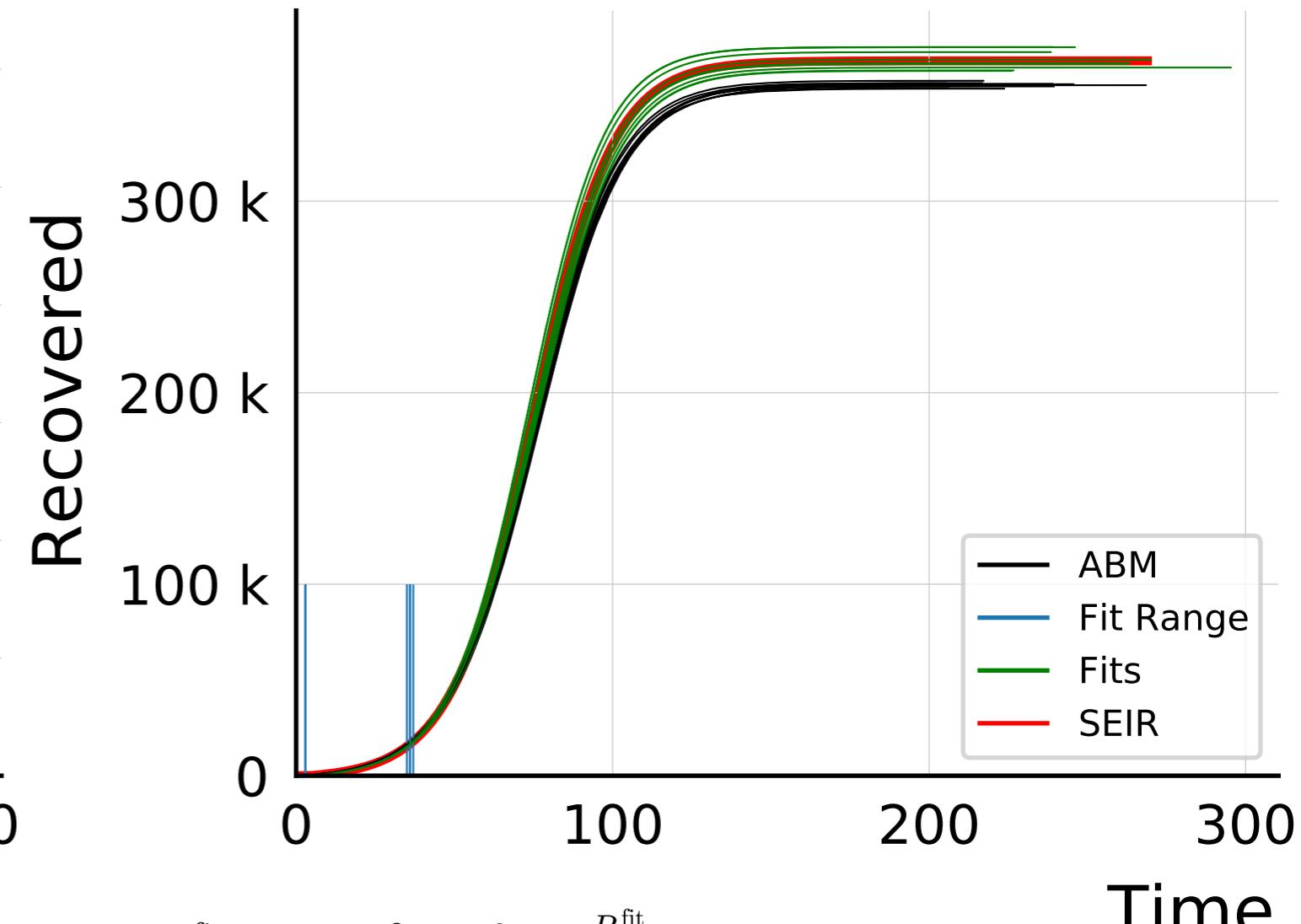
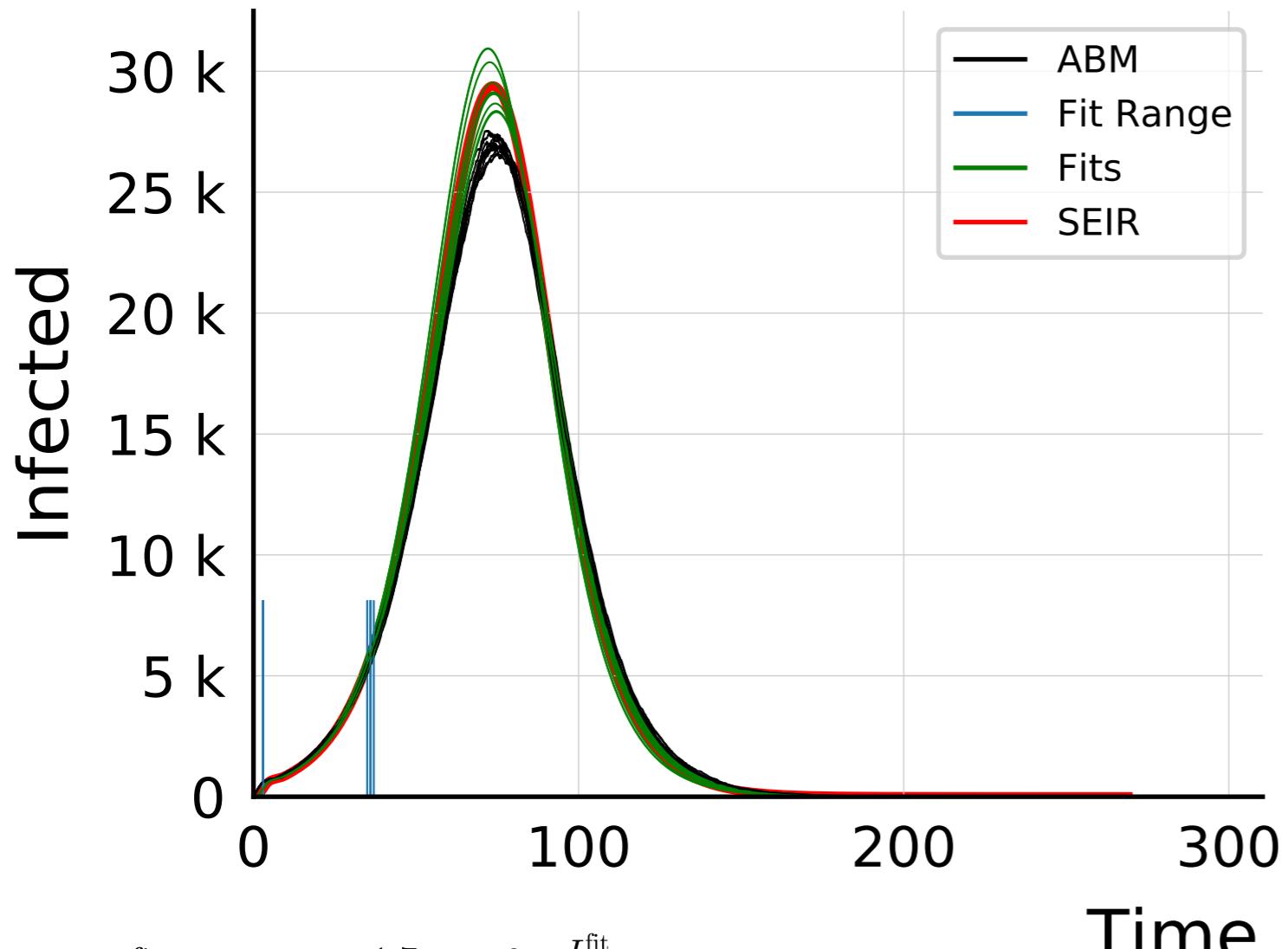


$$I_{\max}^{\text{fit}} = 202_{-12}^{+1.2} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 6.83 \pm 0.058$$

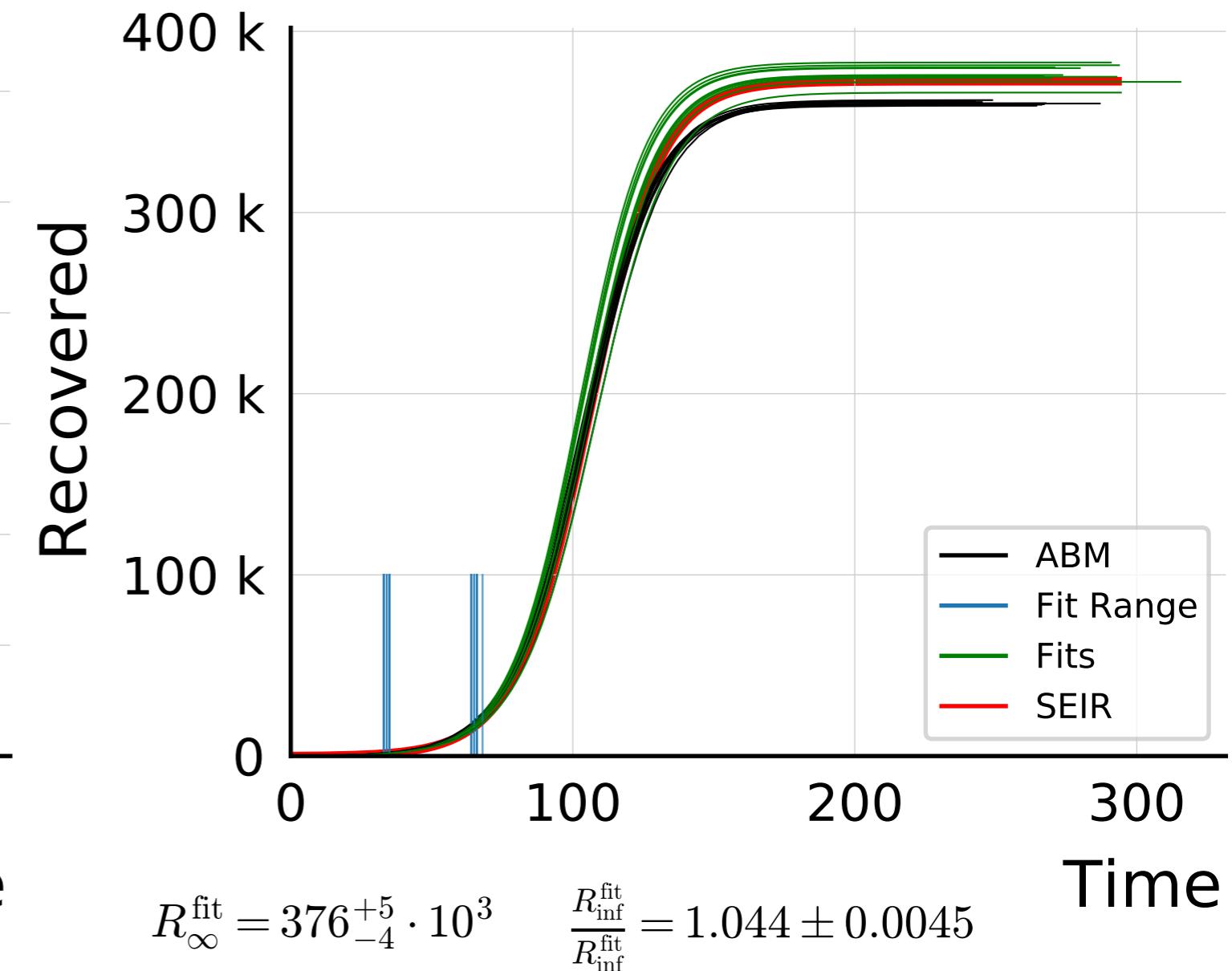
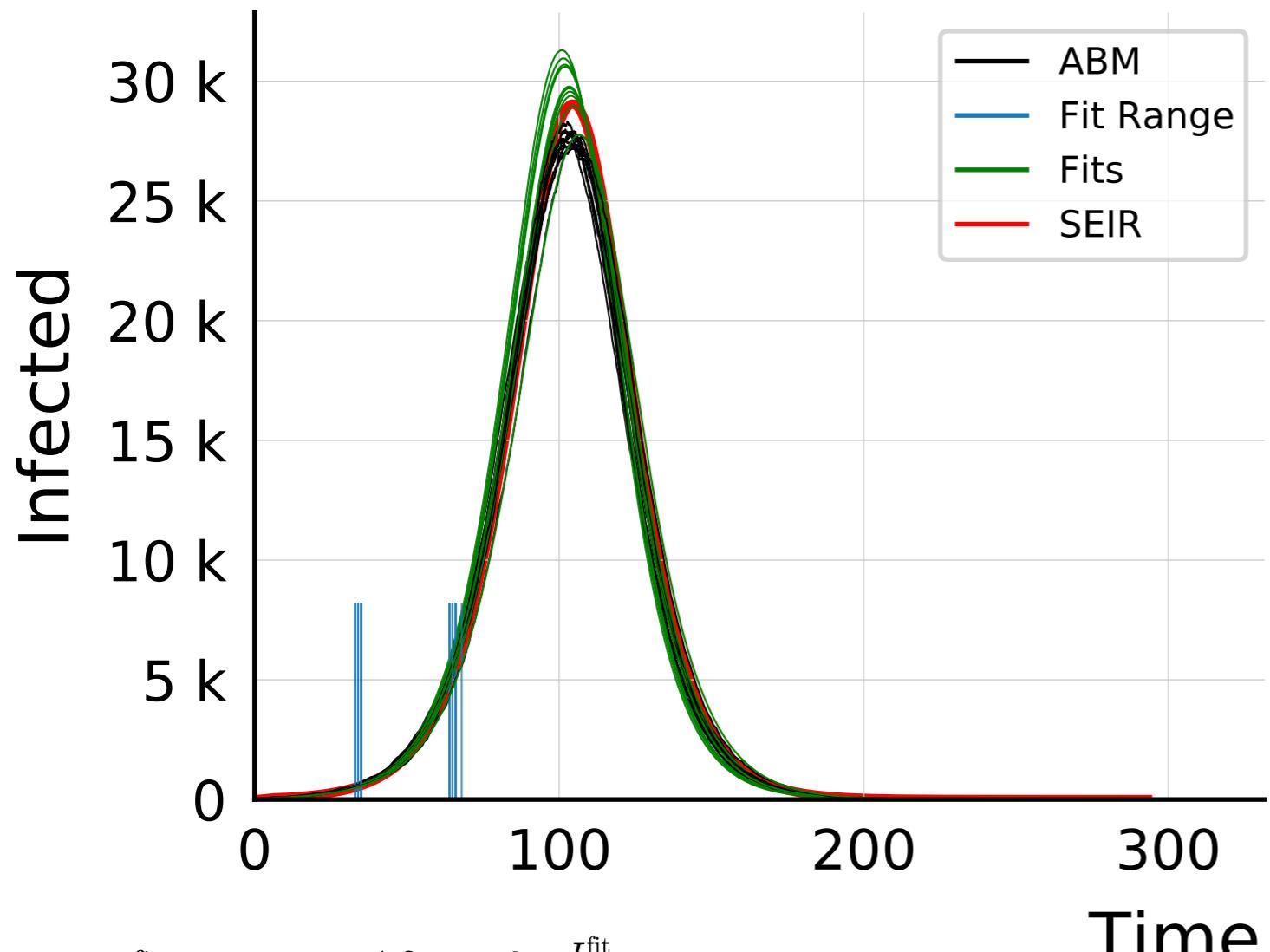


$$R_{\infty}^{\text{fit}} = 57932_{-80}^{+5} \cdot 10^2 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 3.319 \pm 0.0013$$

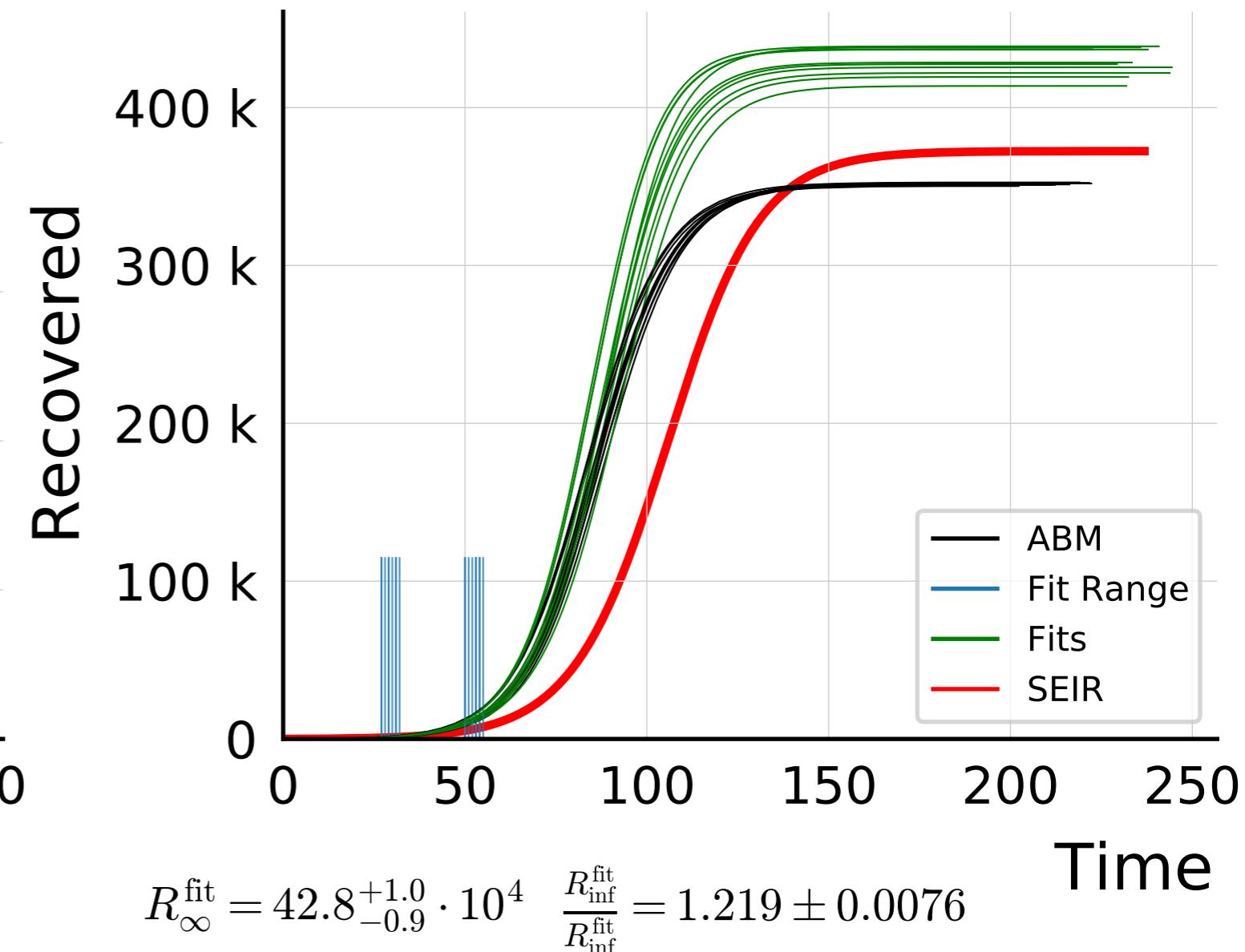
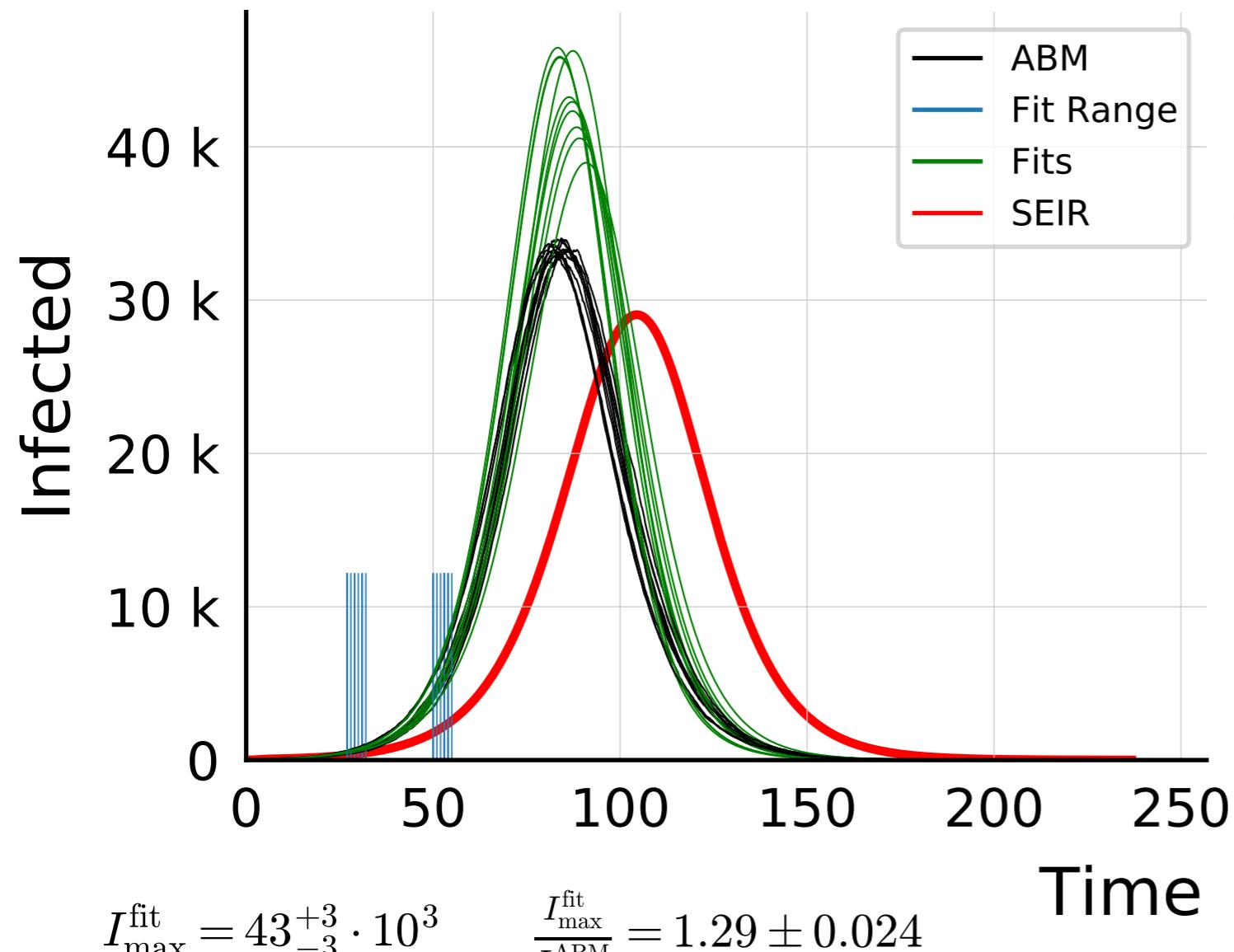
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 1K$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



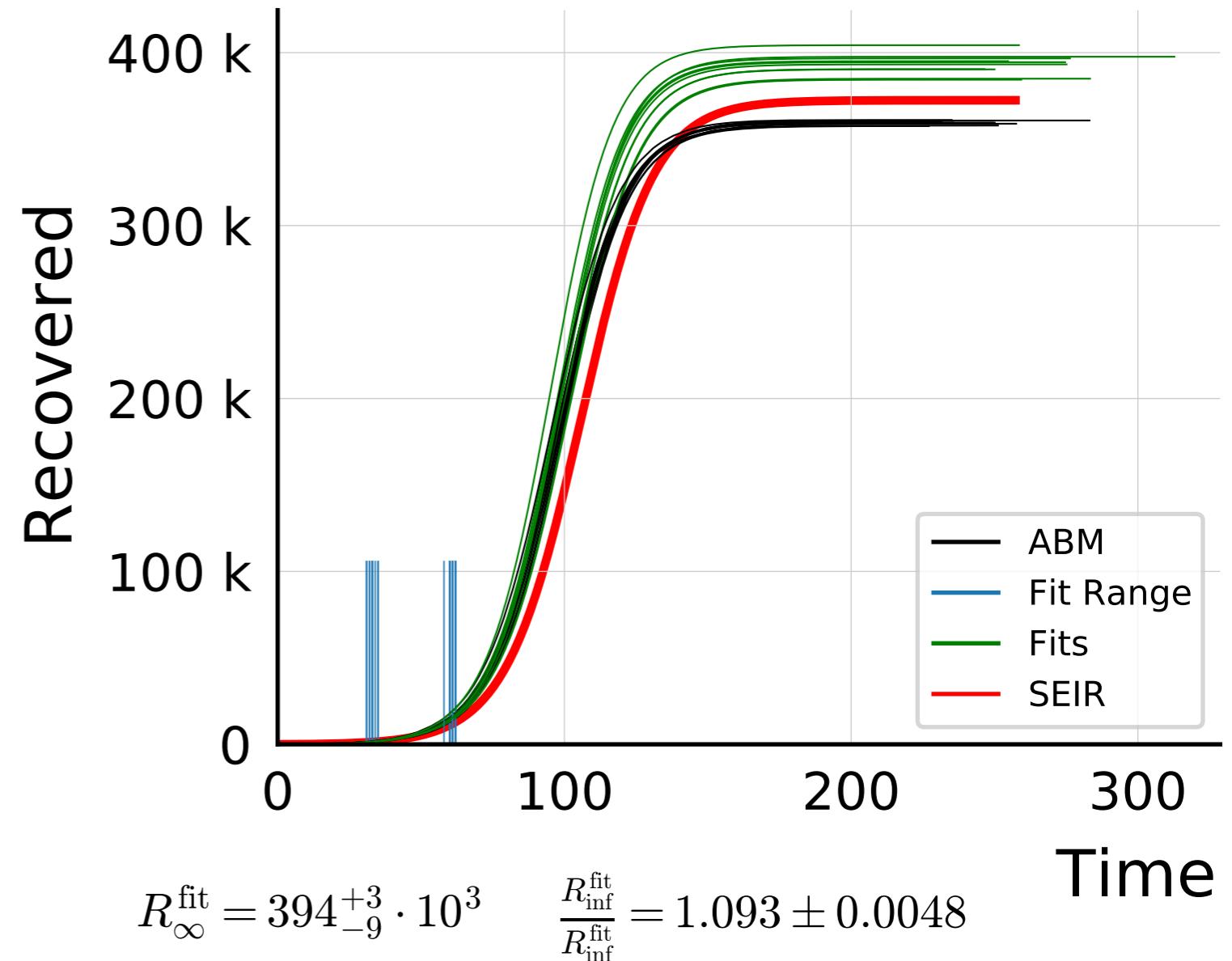
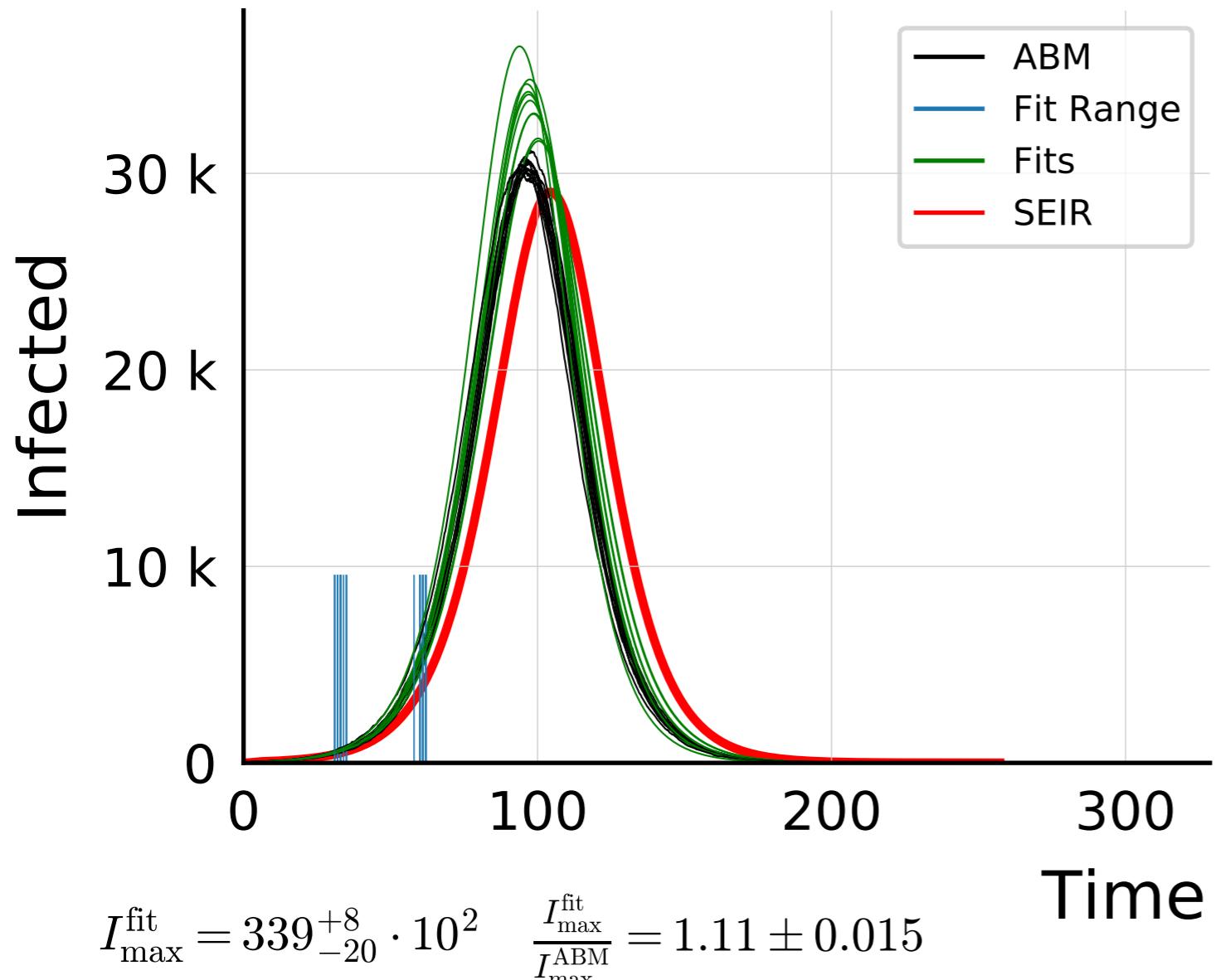
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.005$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



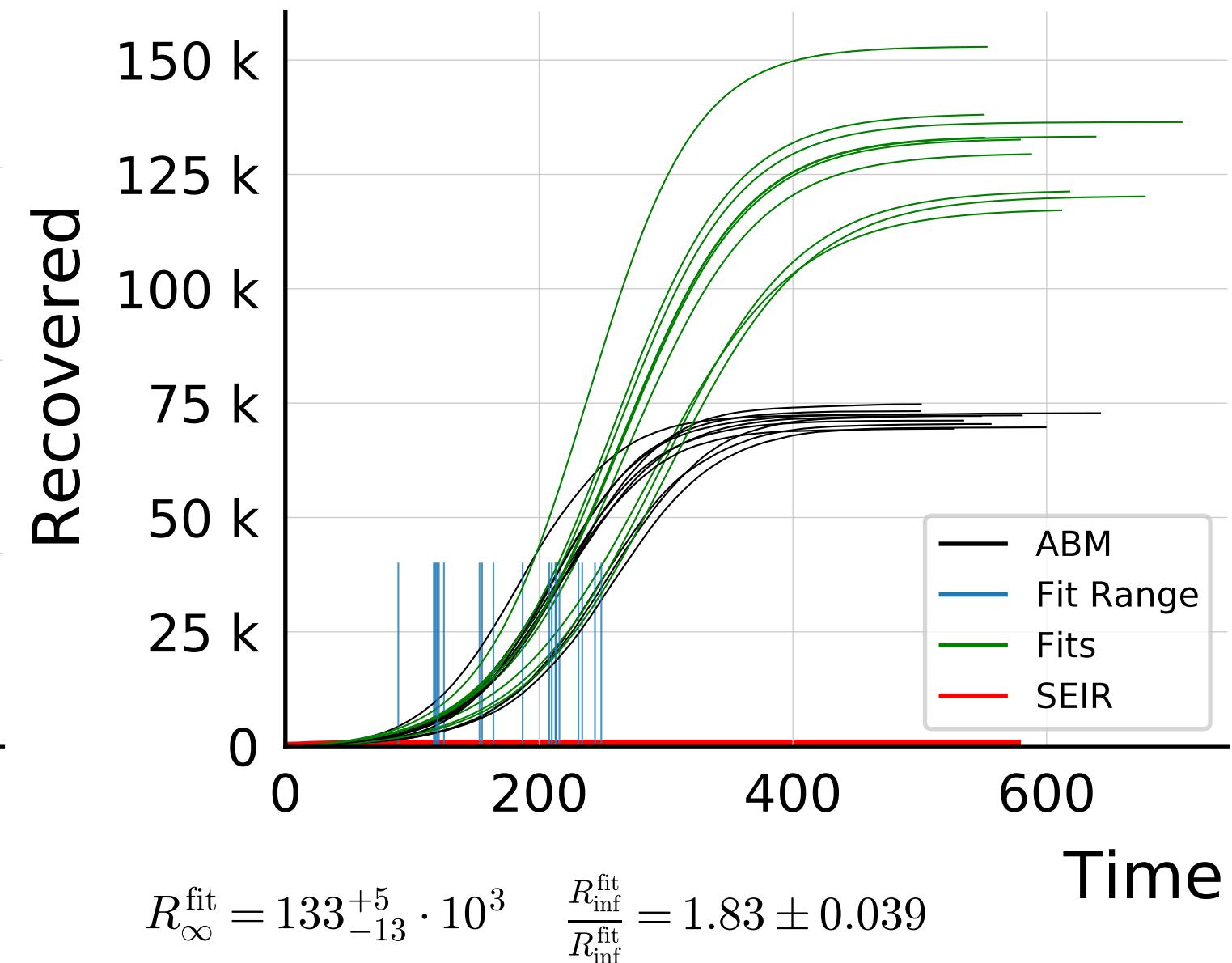
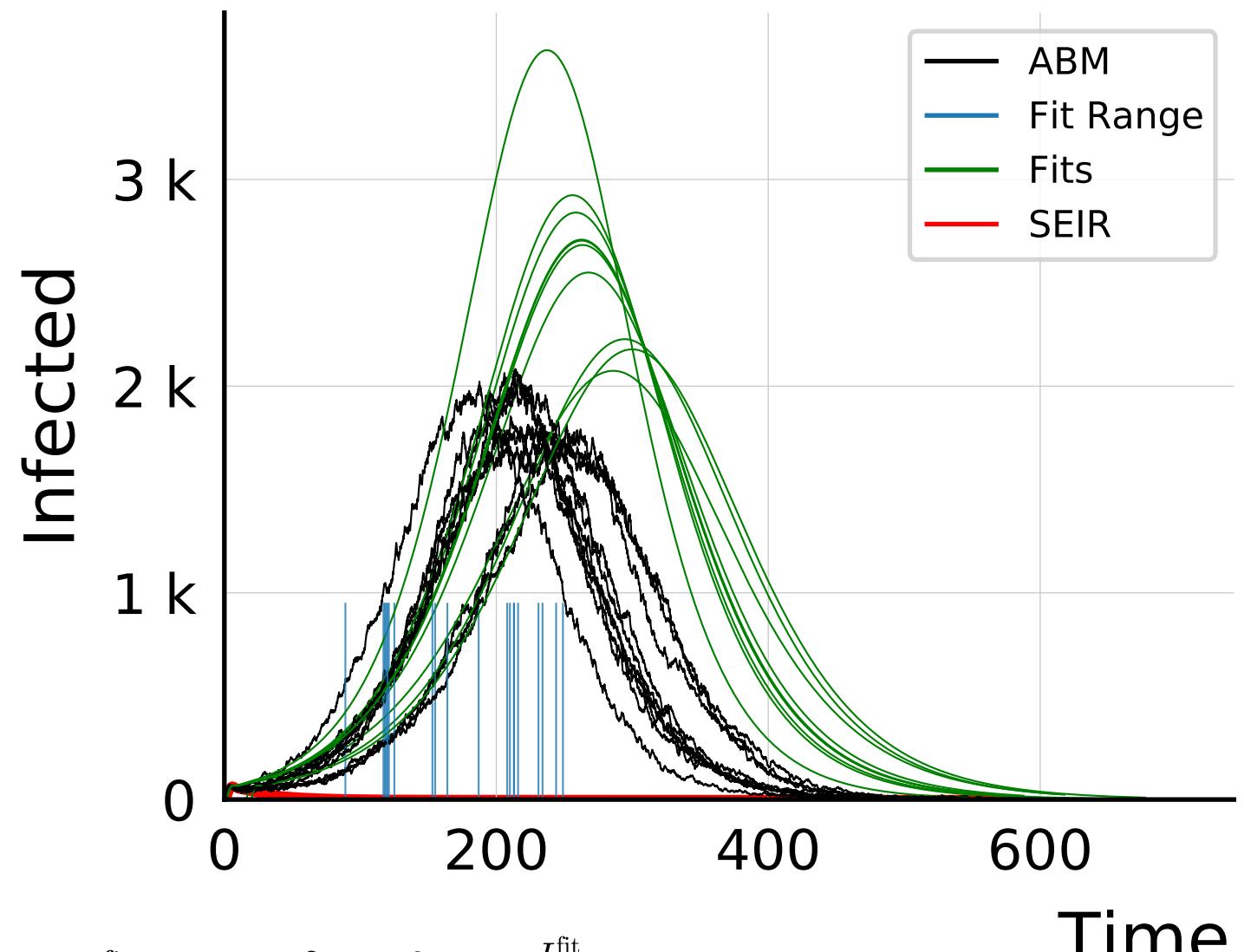
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.015$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



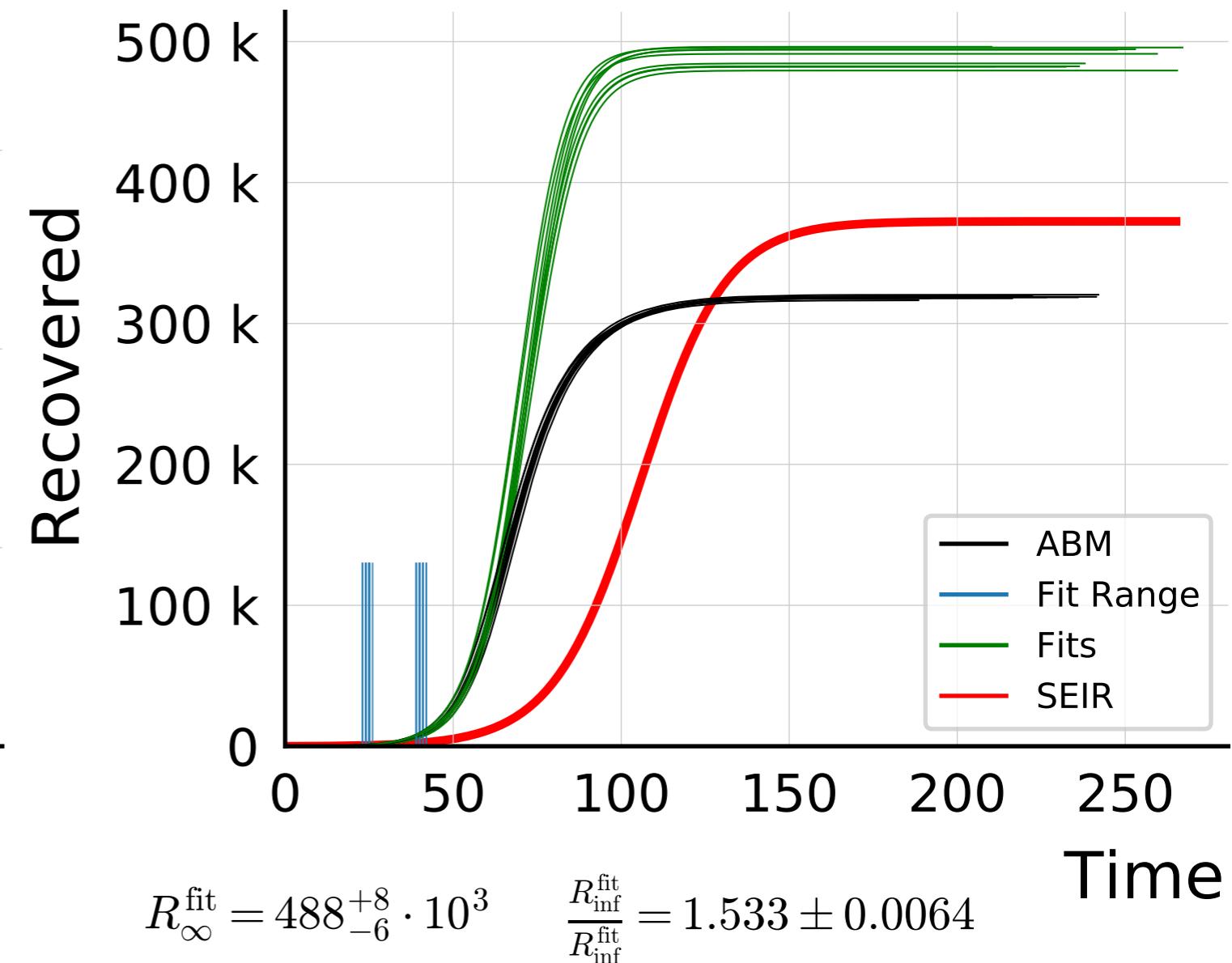
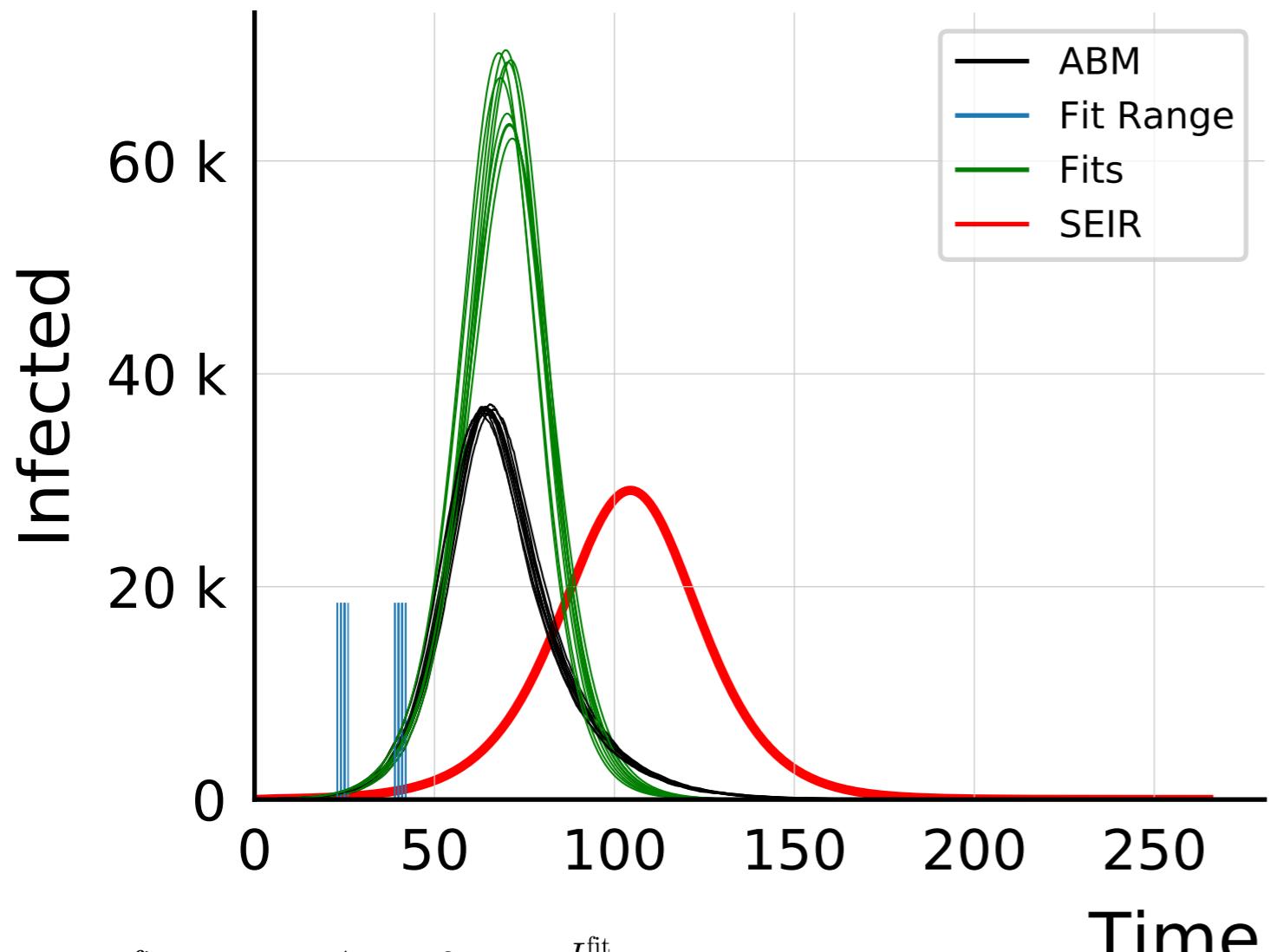
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.01$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



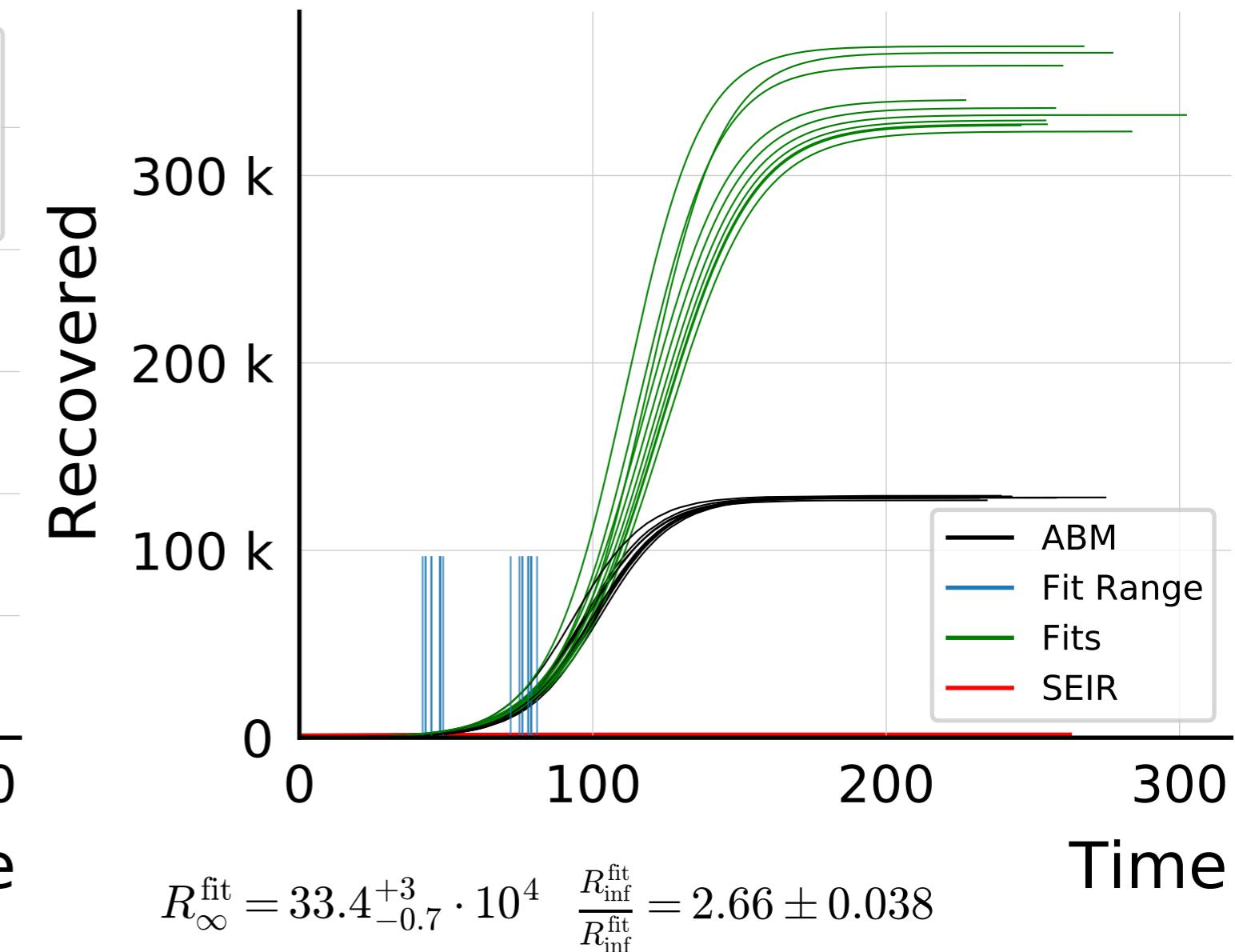
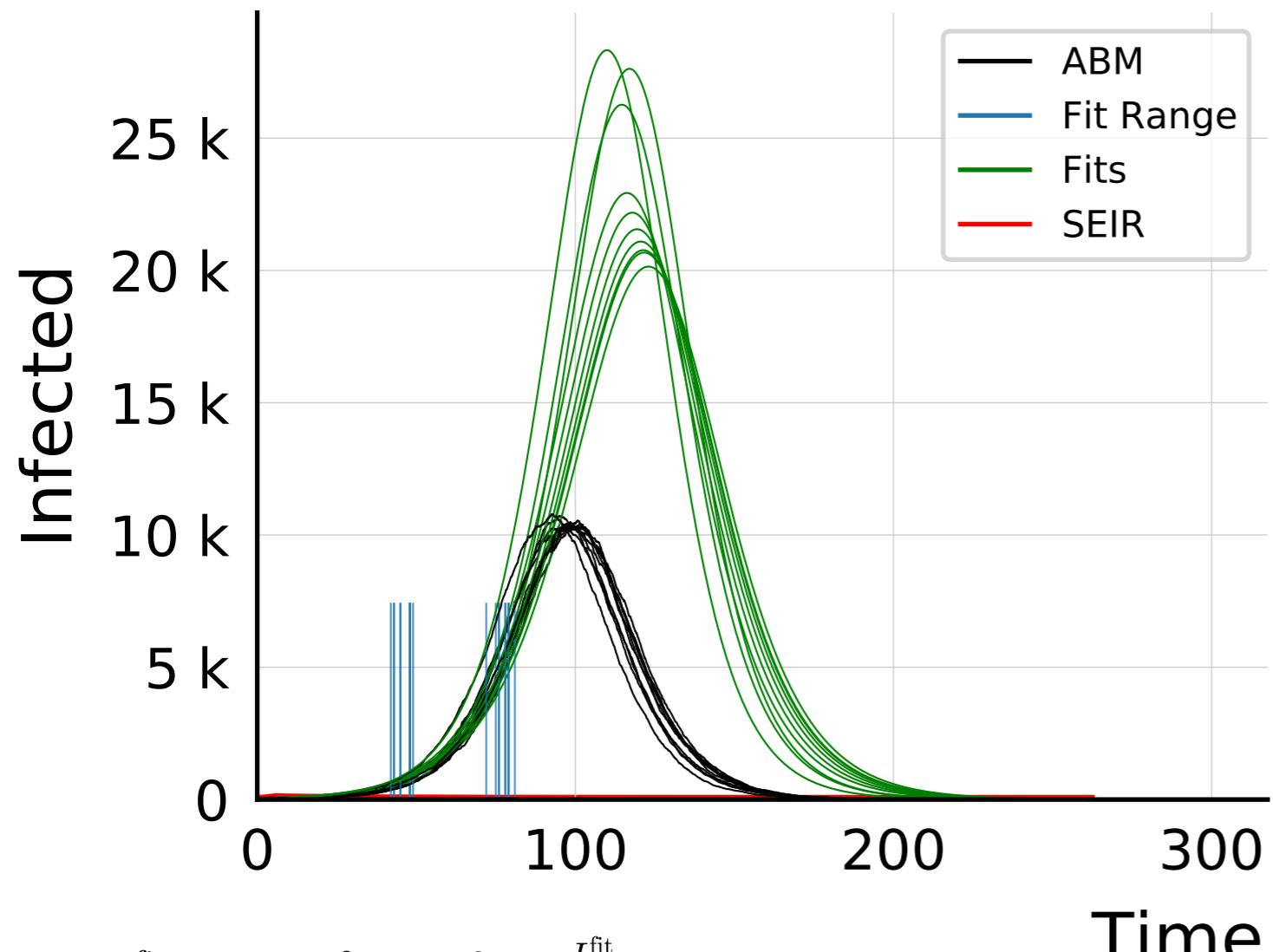
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



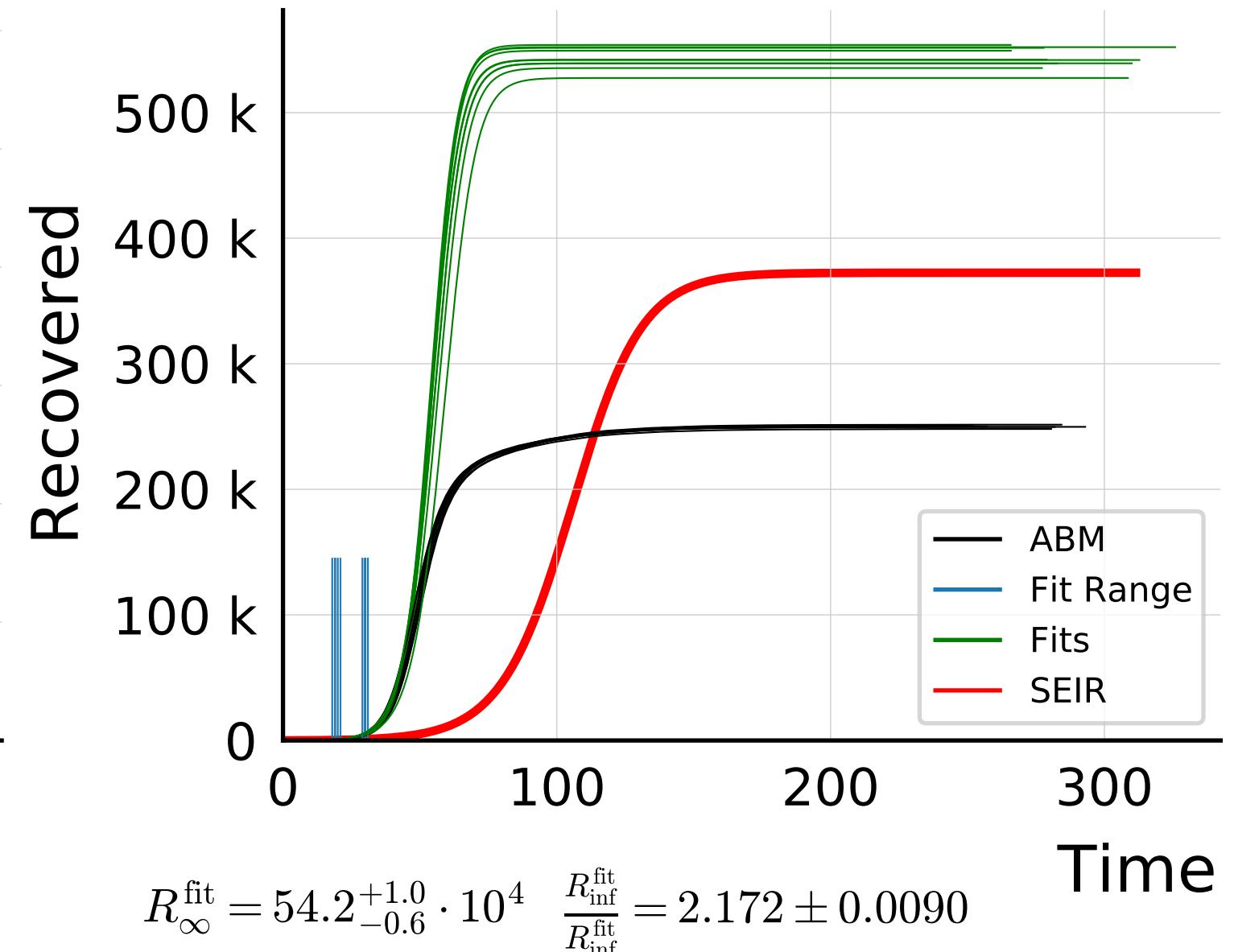
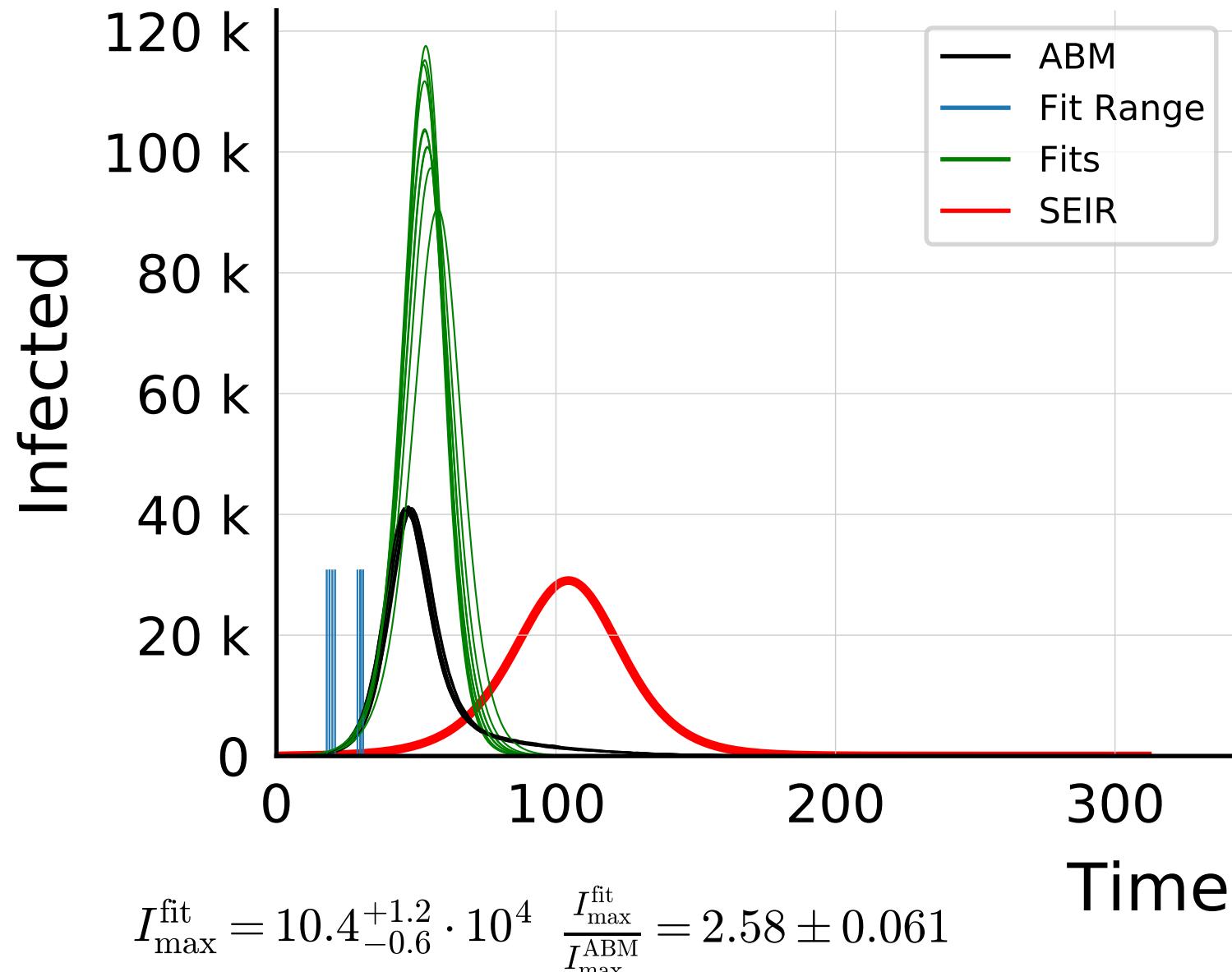
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.025$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



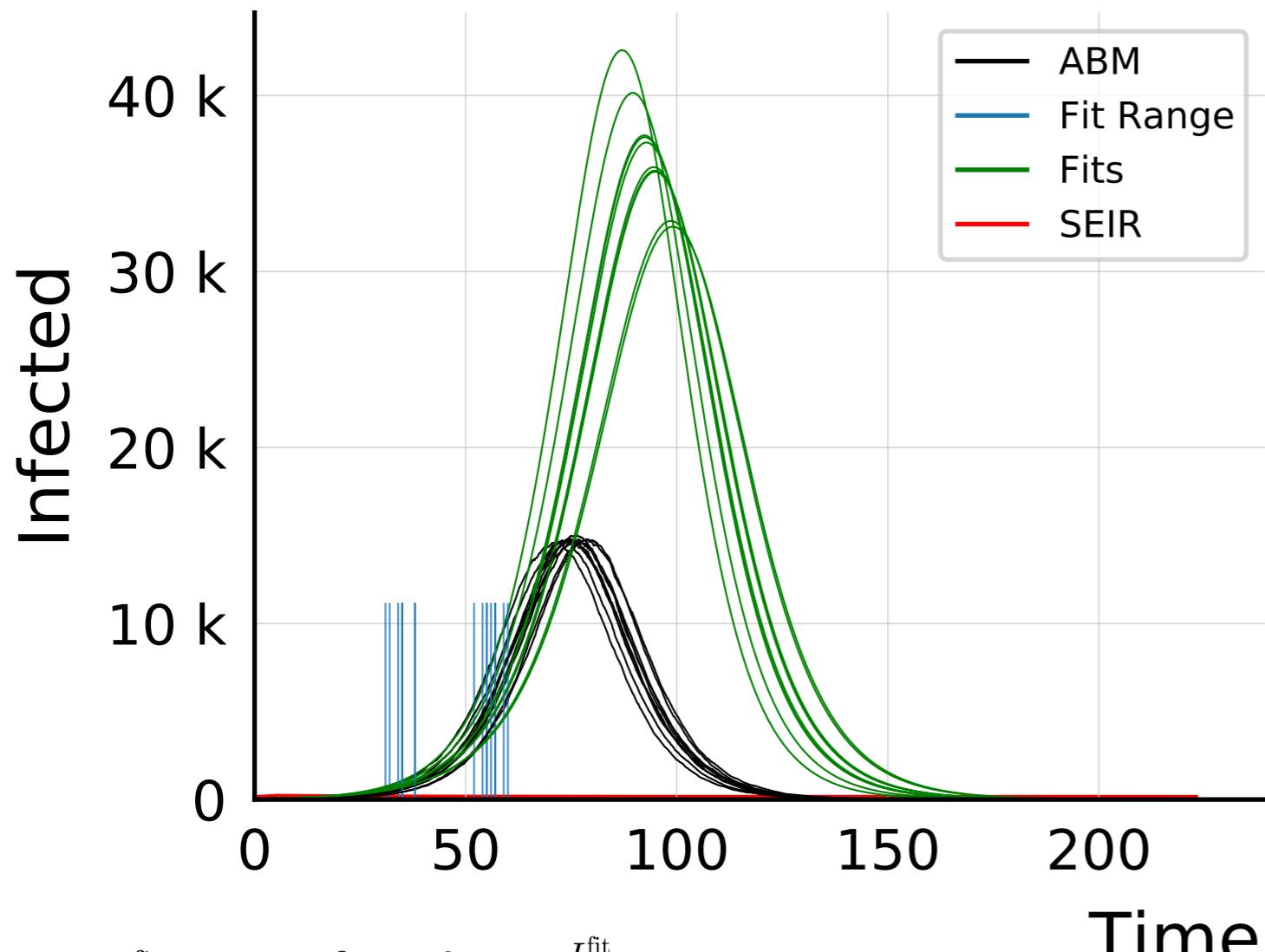
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.05$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

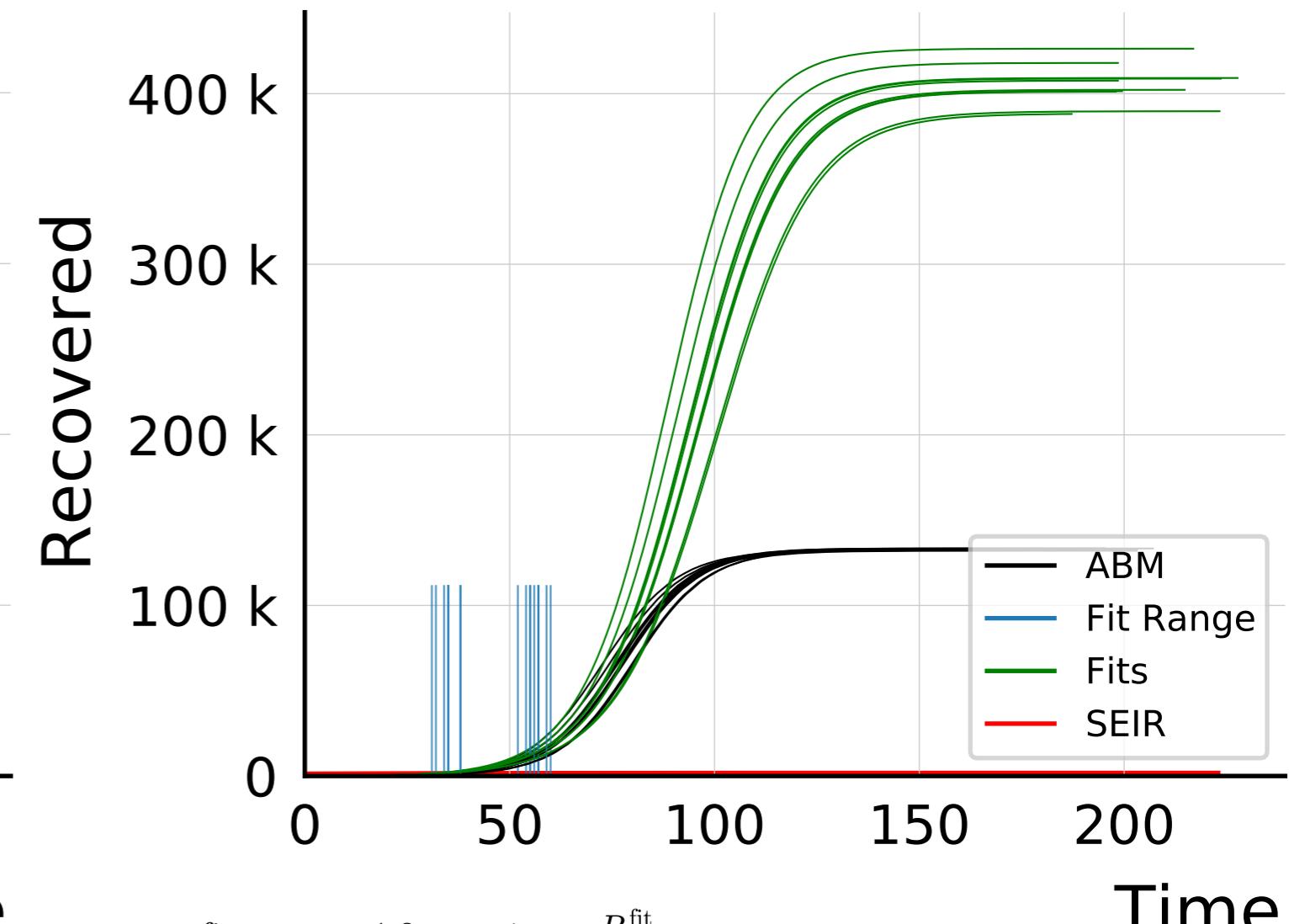


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 37^{+3}_{-4} \cdot 10^3$$

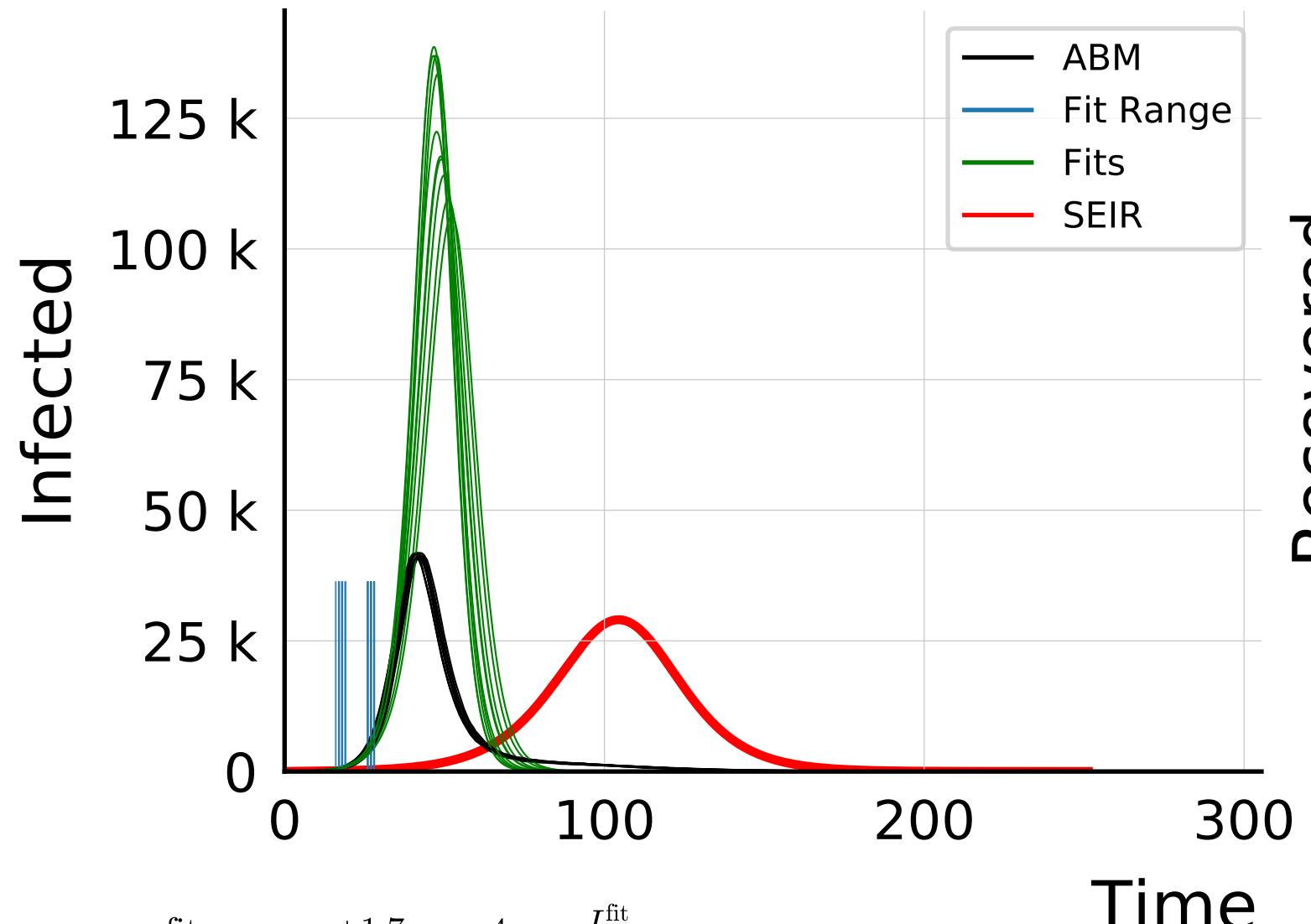
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 2.49 \pm 0.064$$



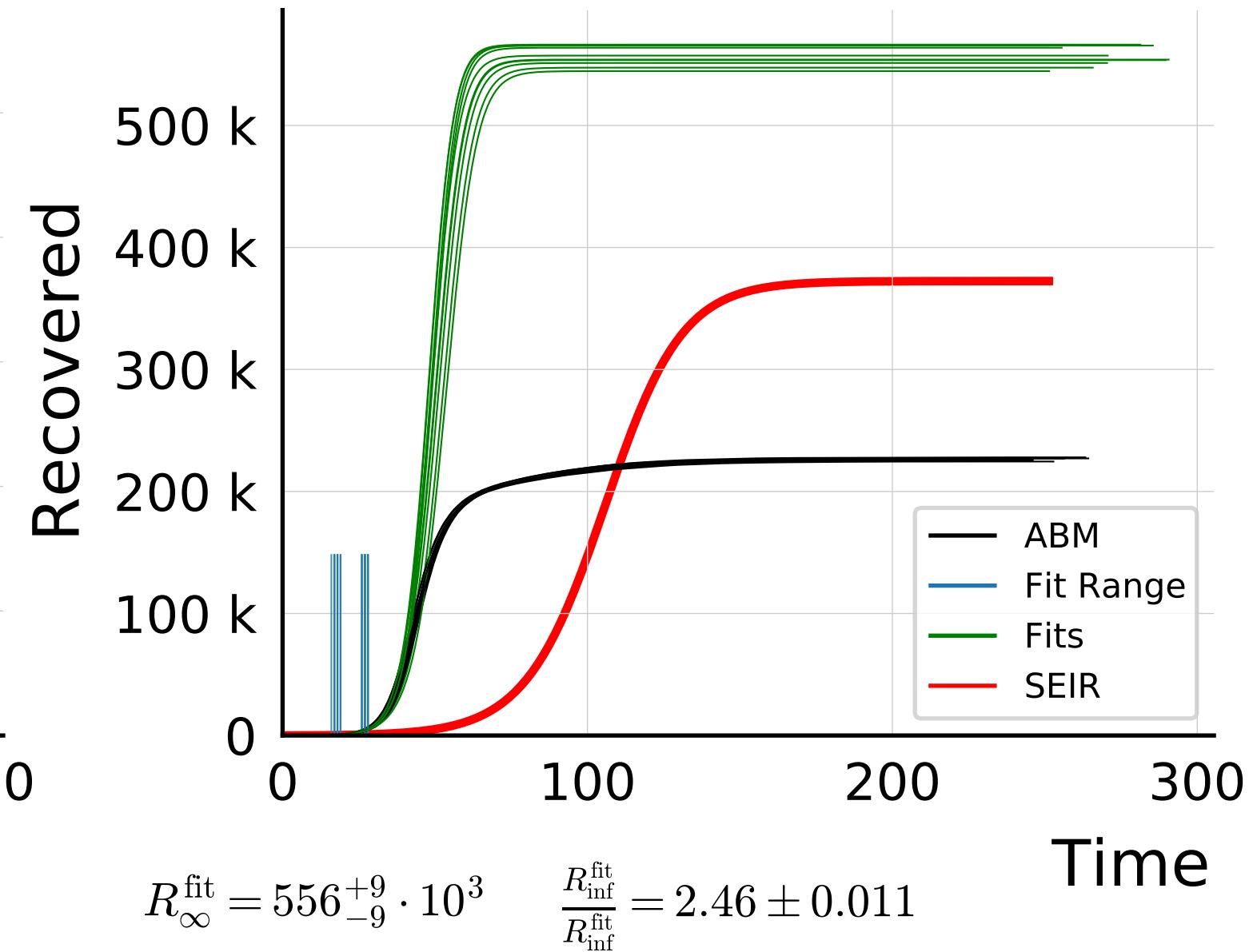
$$R_{\infty}^{\text{fit}} = 40^{+1.3}_{-1.5} \cdot 10^4$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 3.05 \pm 0.027$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.075$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

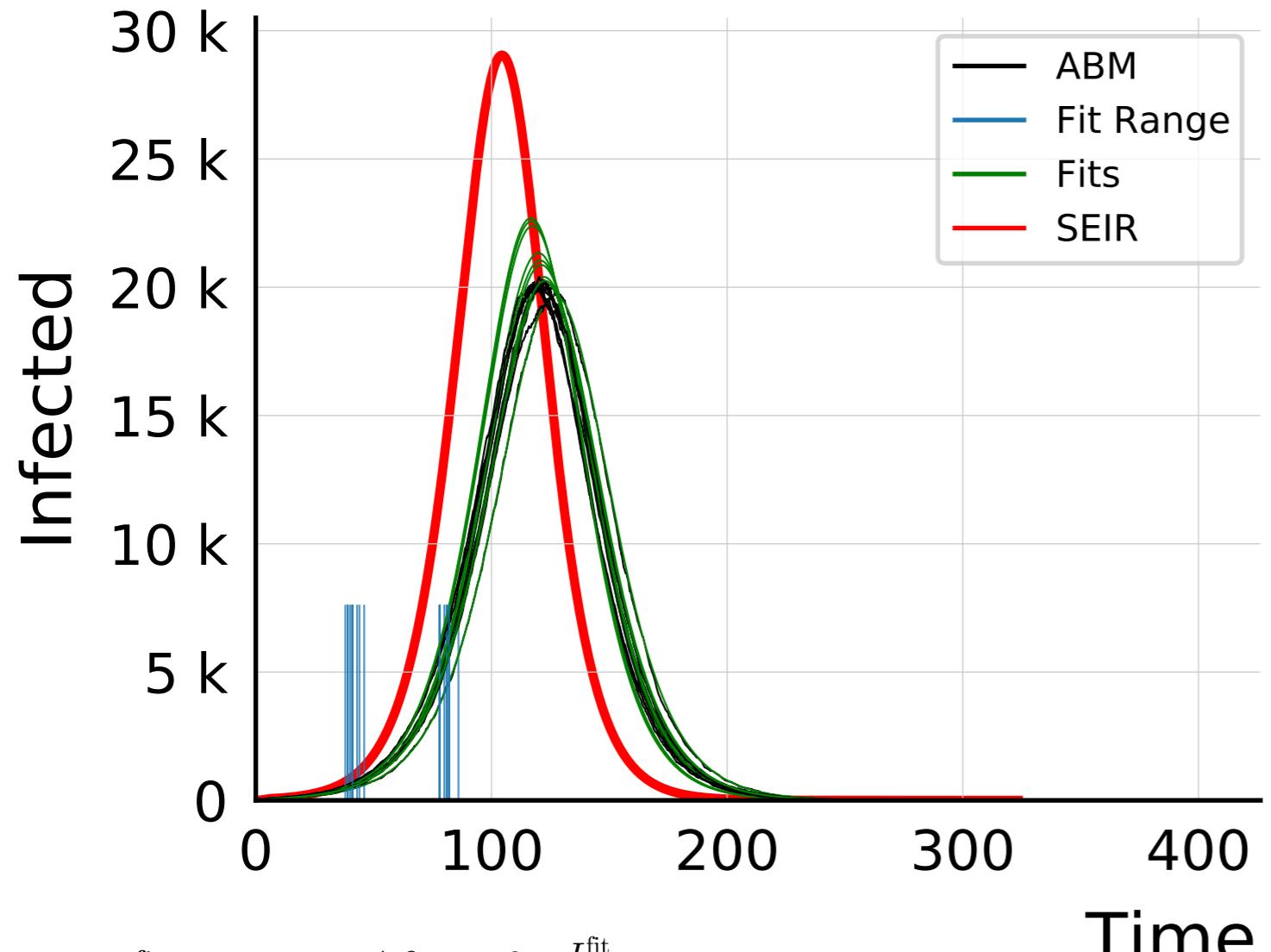


$$I_{\max}^{\text{fit}} = 12_{-1.1}^{+1.7} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 2.97 \pm 0.092$$

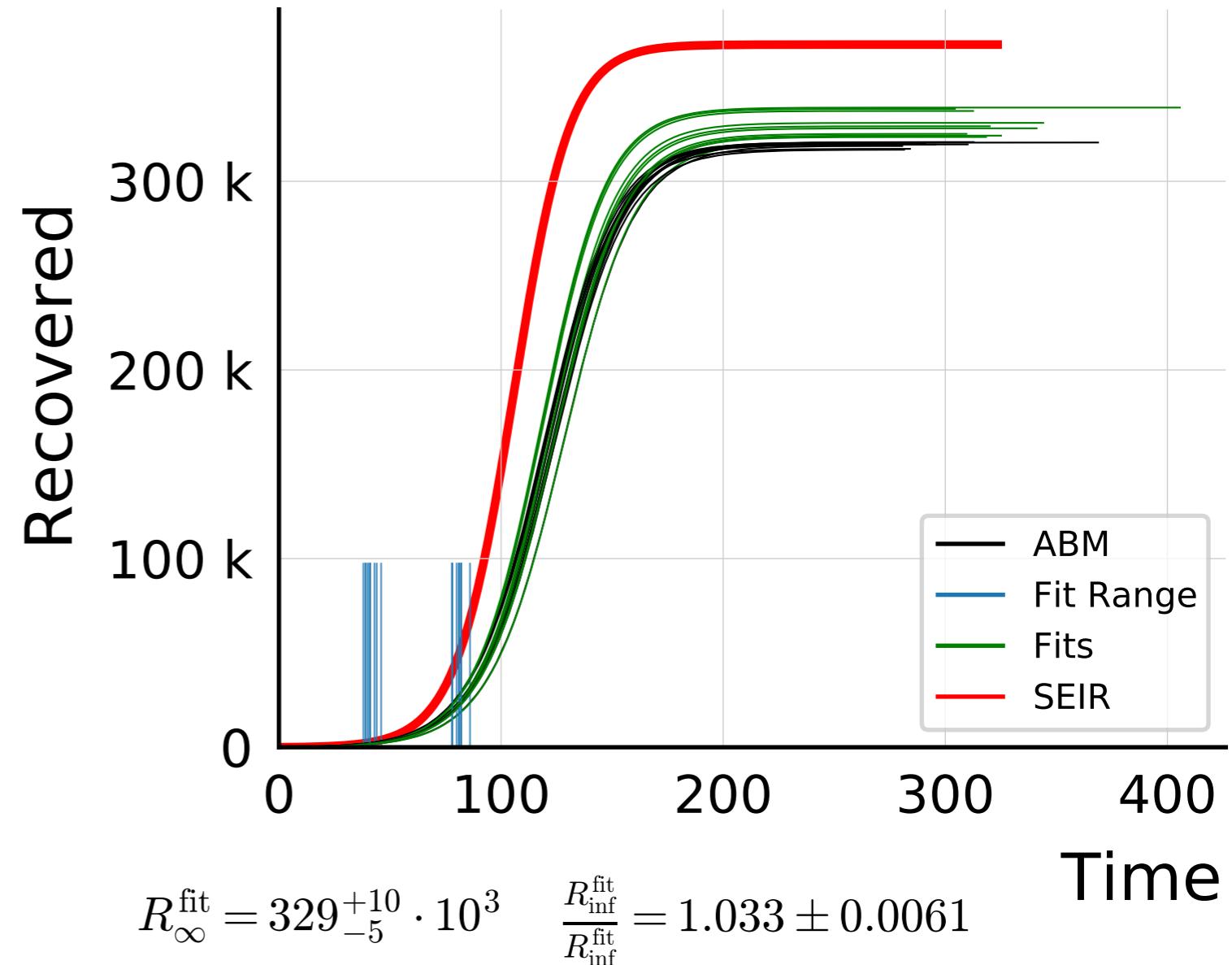


$$R_{\infty}^{\text{fit}} = 556_{-9}^{+9} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.46 \pm 0.011$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

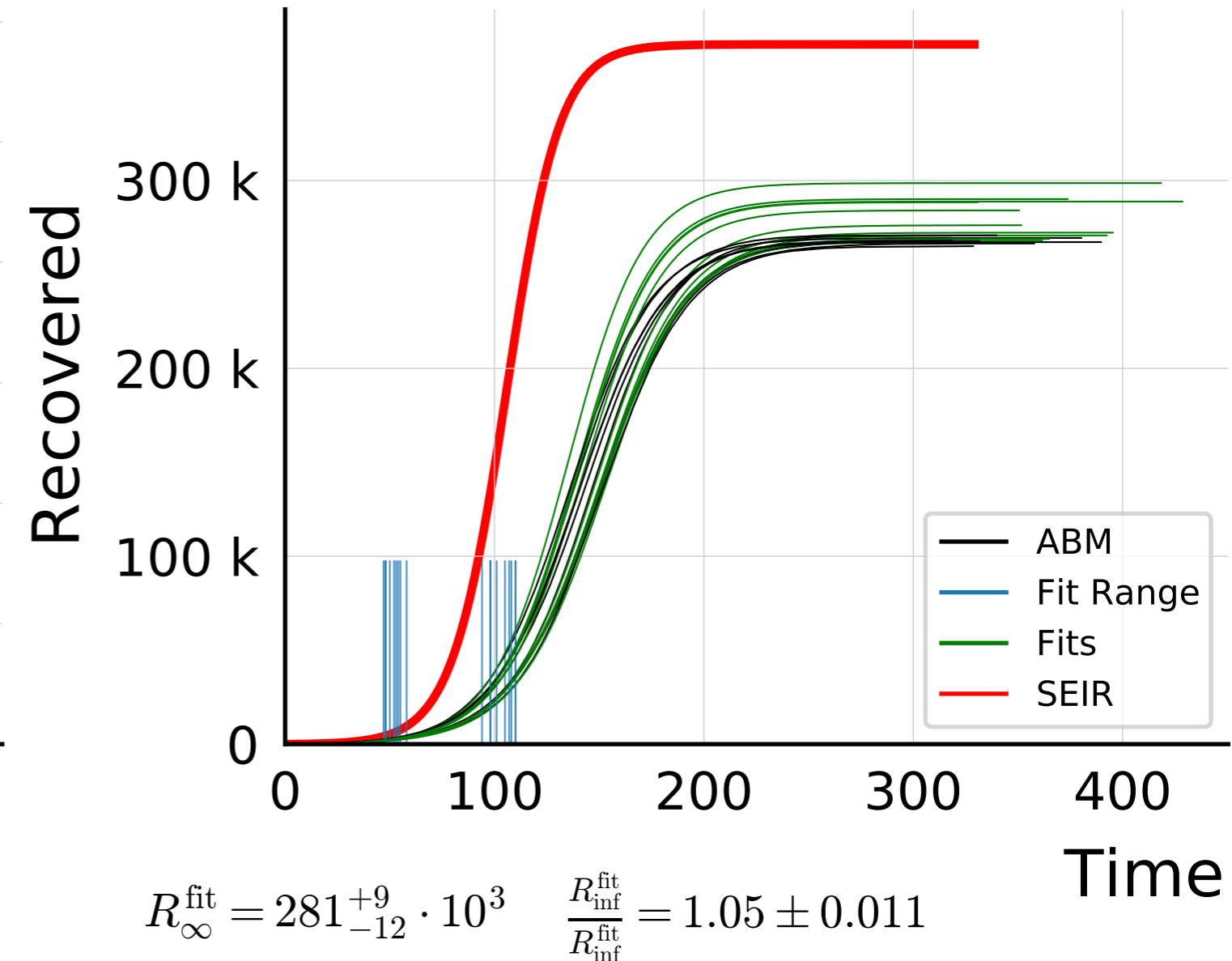
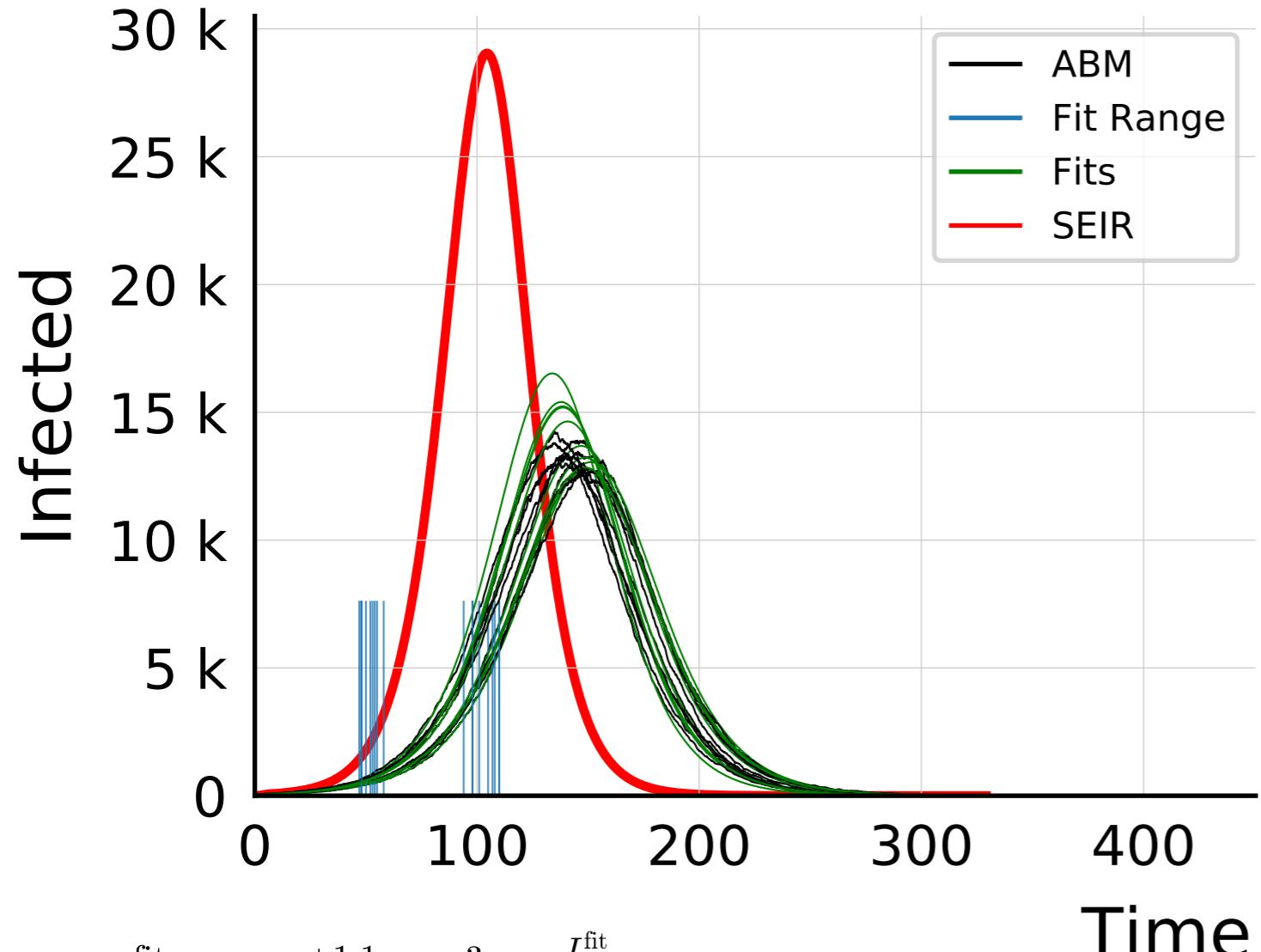


$$I_{\max}^{\text{fit}} = 21.0_{-0.8}^{+1.6} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.05 \pm 0.015$$

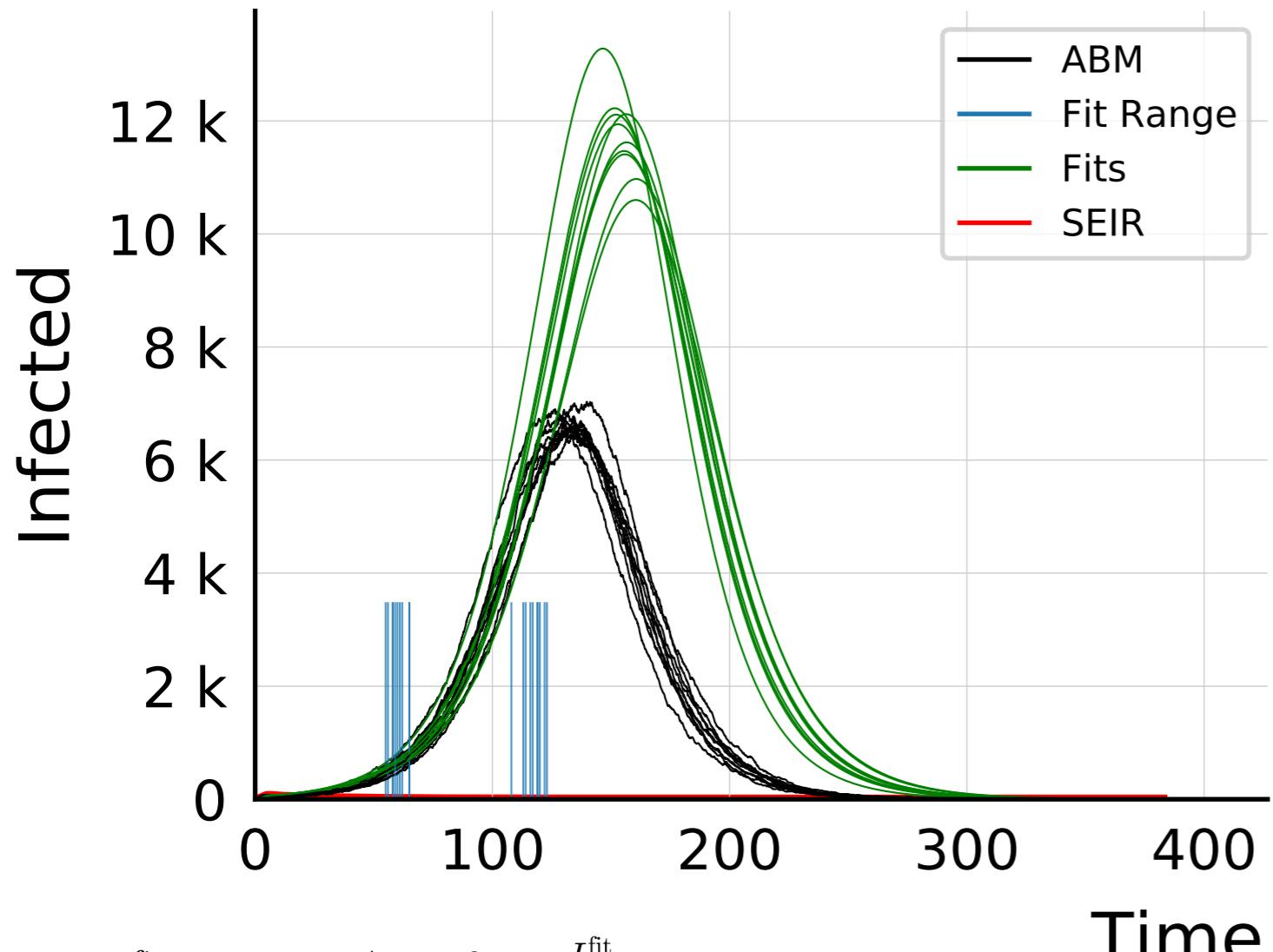


$$R_{\infty}^{\text{fit}} = 329_{-5}^{+10} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.033 \pm 0.0061$$

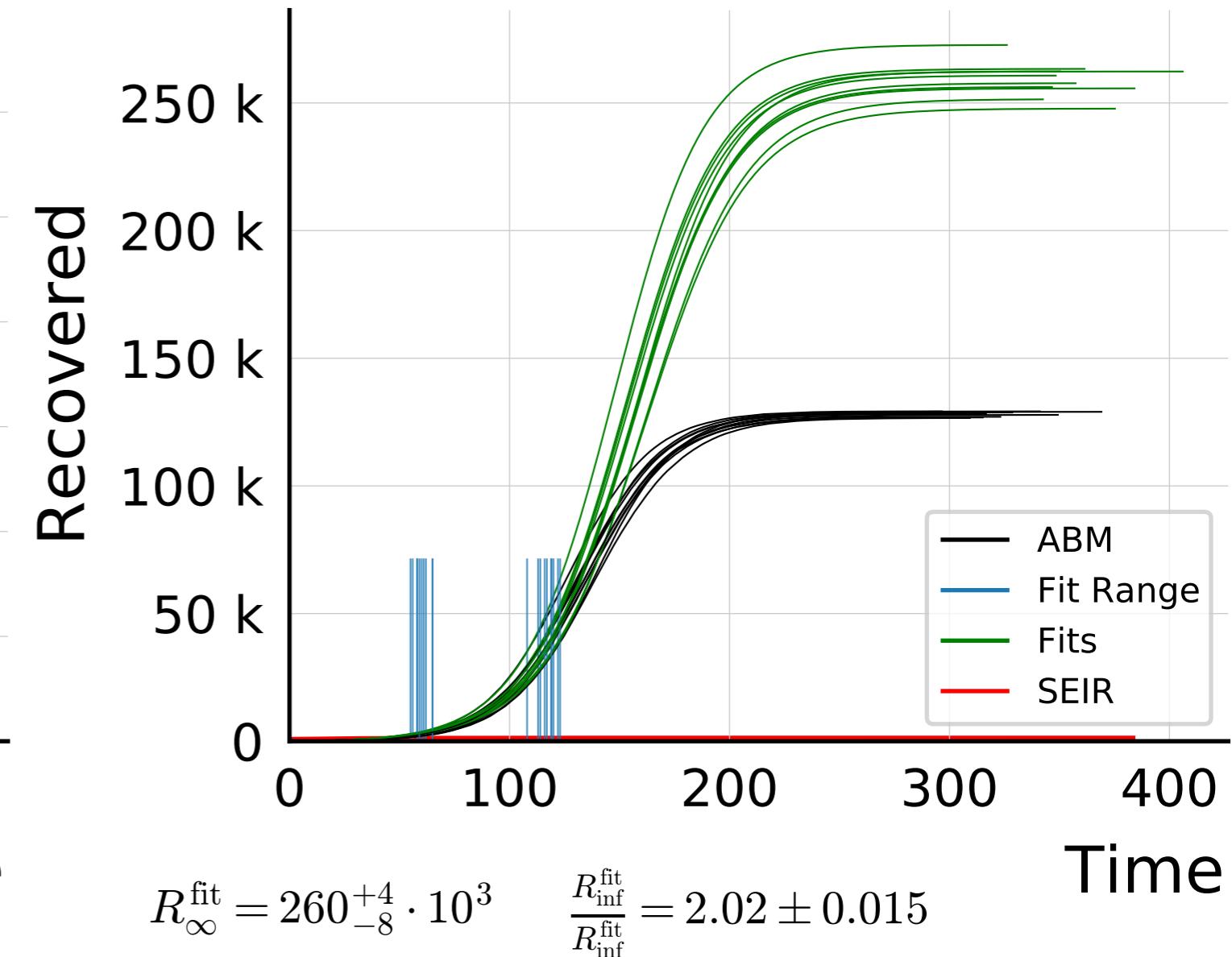
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

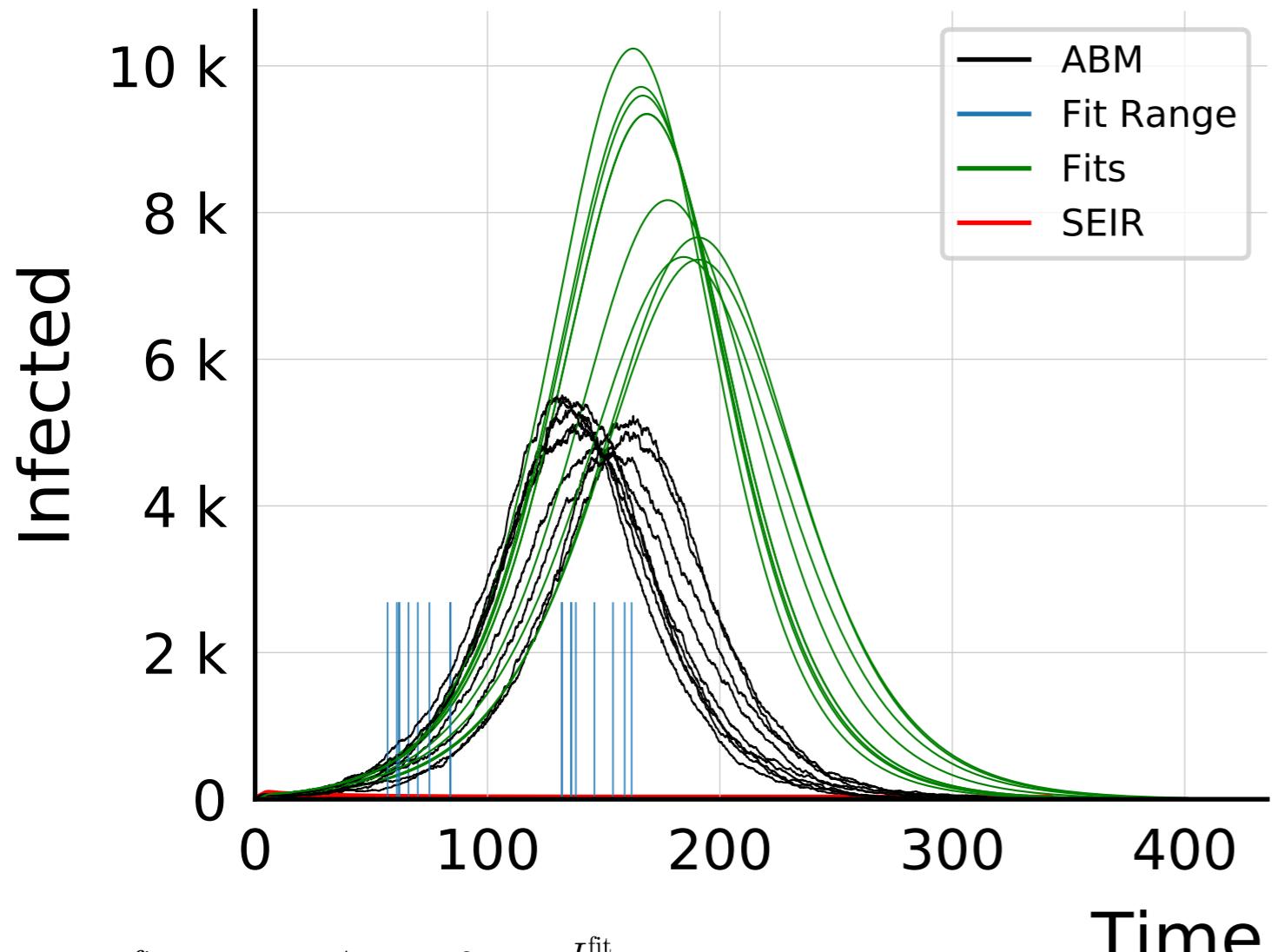


$$I_{\max}^{\text{fit}} = 118_{-8}^{+4} \cdot 10^2 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.76 \pm 0.033$$



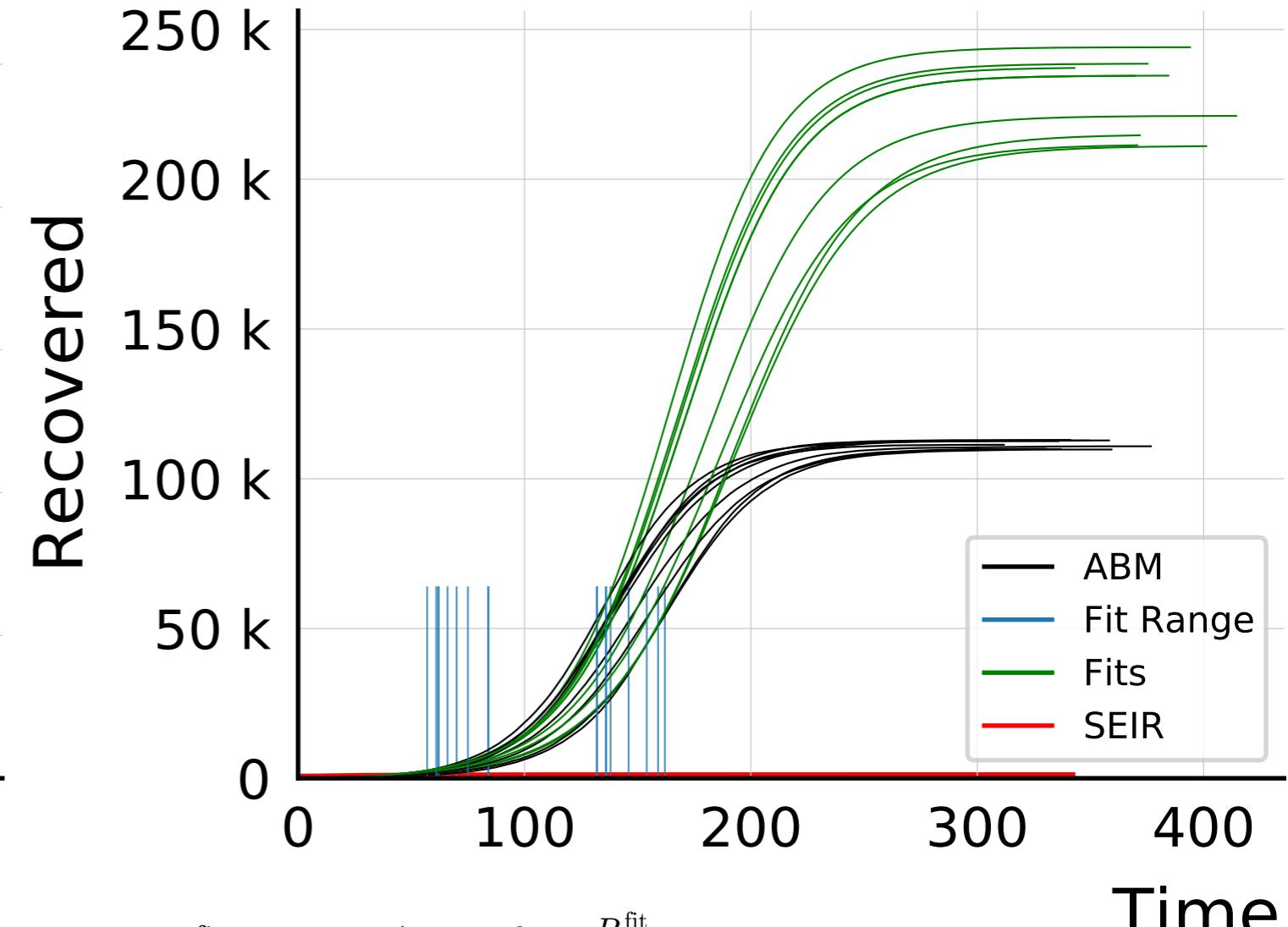
$$R_{\infty}^{\text{fit}} = 260_{-8}^{+4} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.02 \pm 0.015$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #9



$$I_{\max}^{\text{fit}} = 93^{+4}_{-19} \cdot 10^2$$

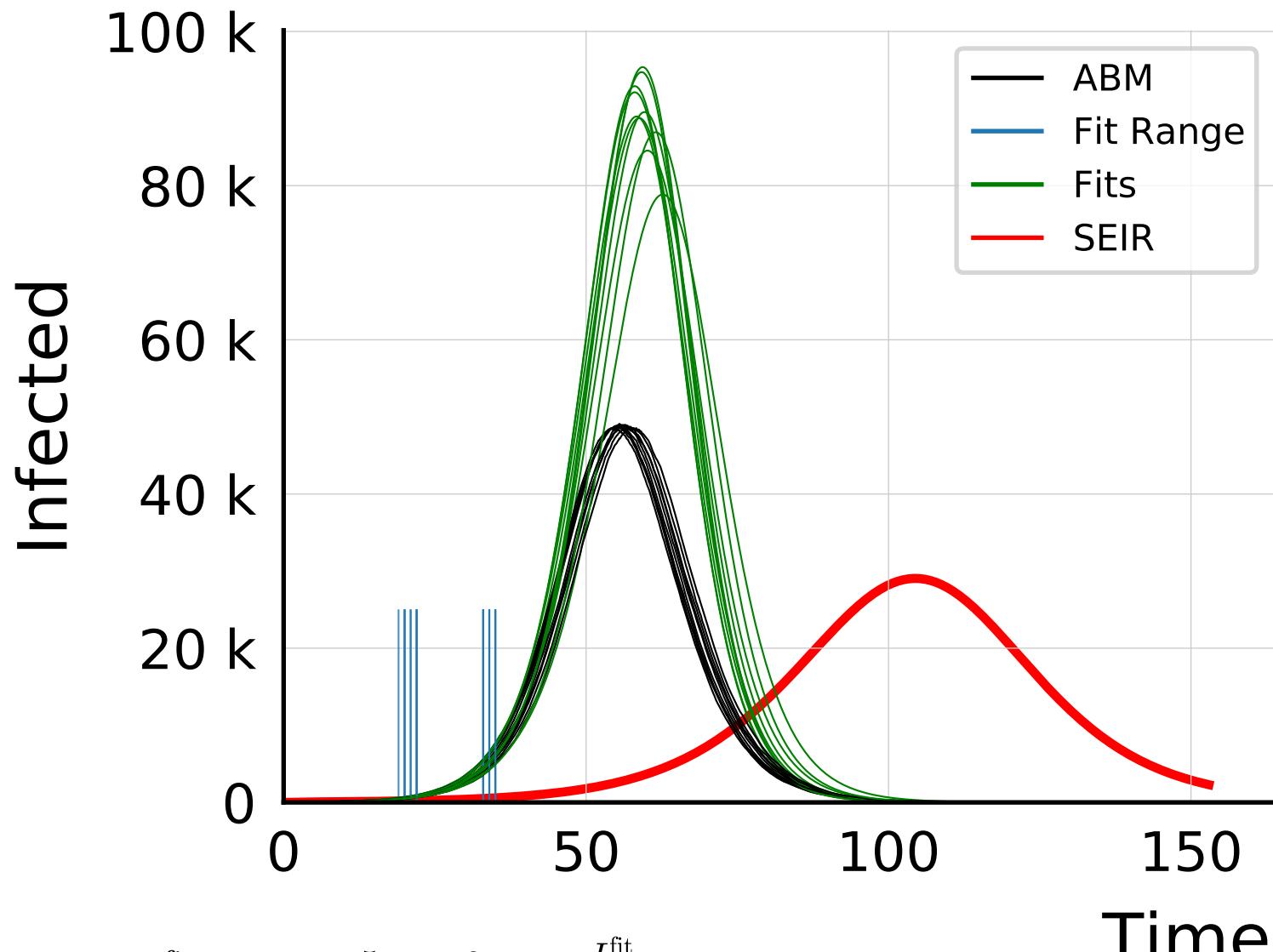
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.7 \pm 0.050$$



$$R_{\infty}^{\text{fit}} = 235^{+4}_{-20} \cdot 10^3$$

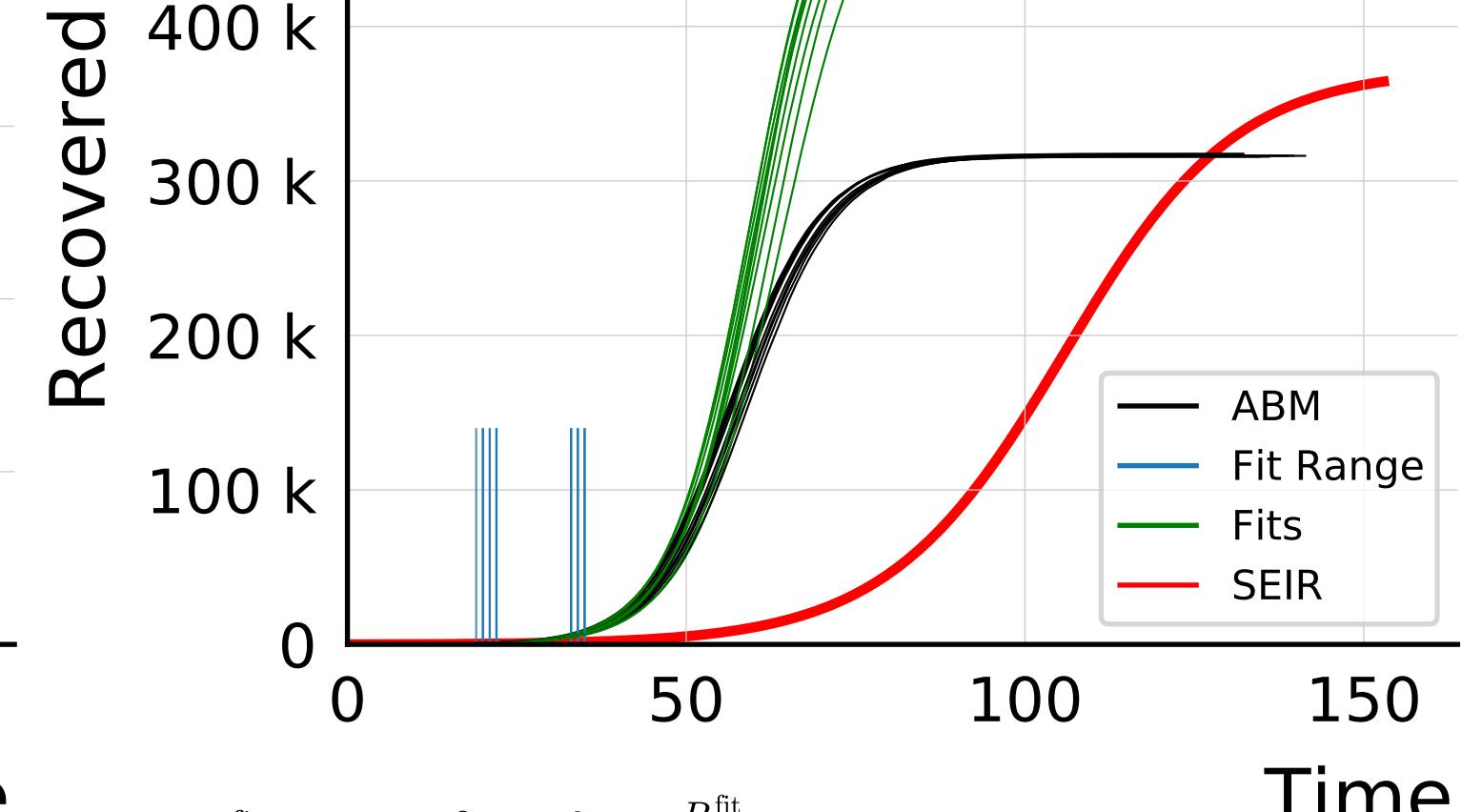
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 2.04 \pm 0.029$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 89^{+5}_{-5} \cdot 10^3$$

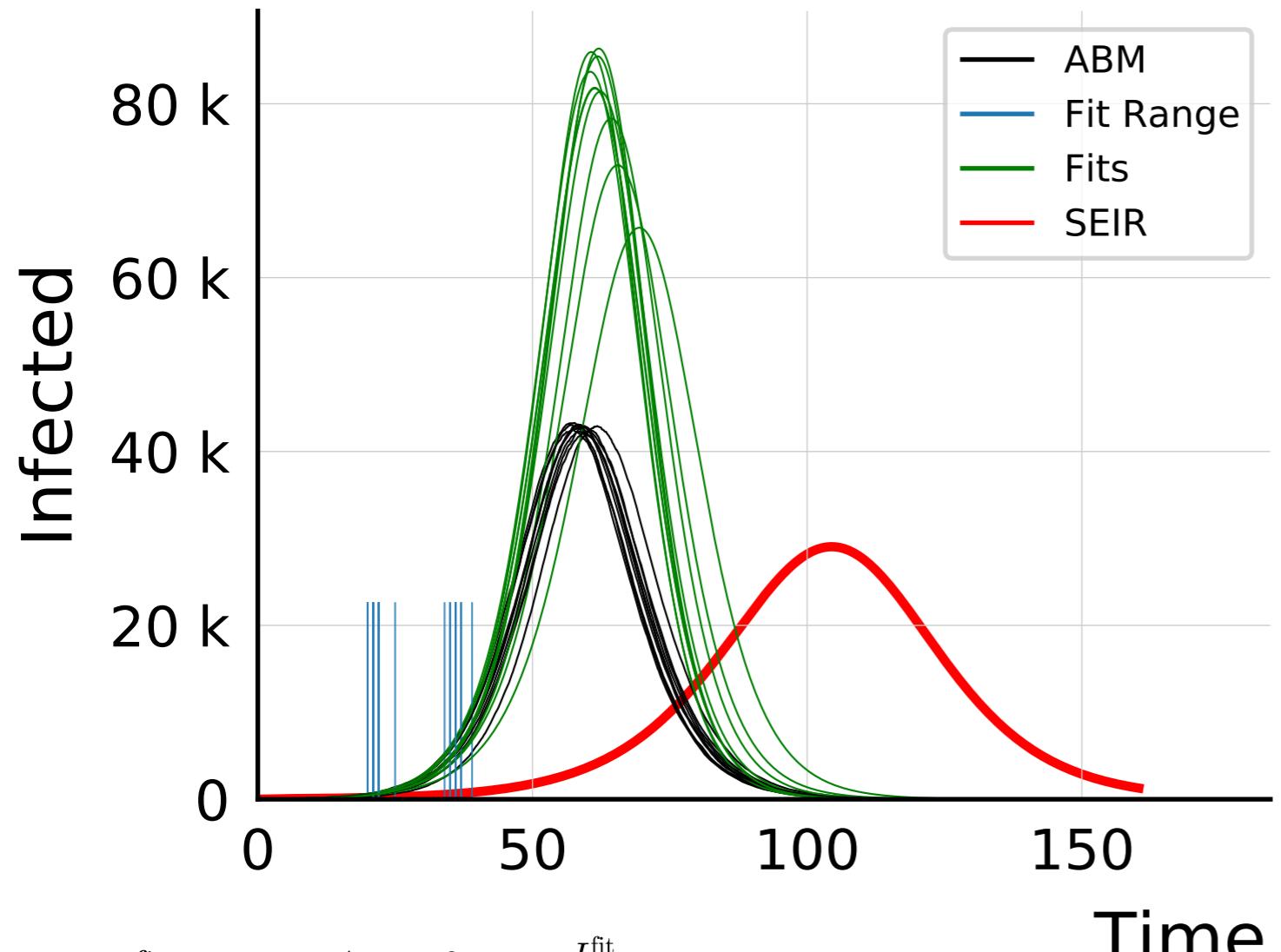
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.83 \pm 0.030$$



$$R_{\infty}^{\text{fit}} = 526^{+6}_{-6} \cdot 10^3$$

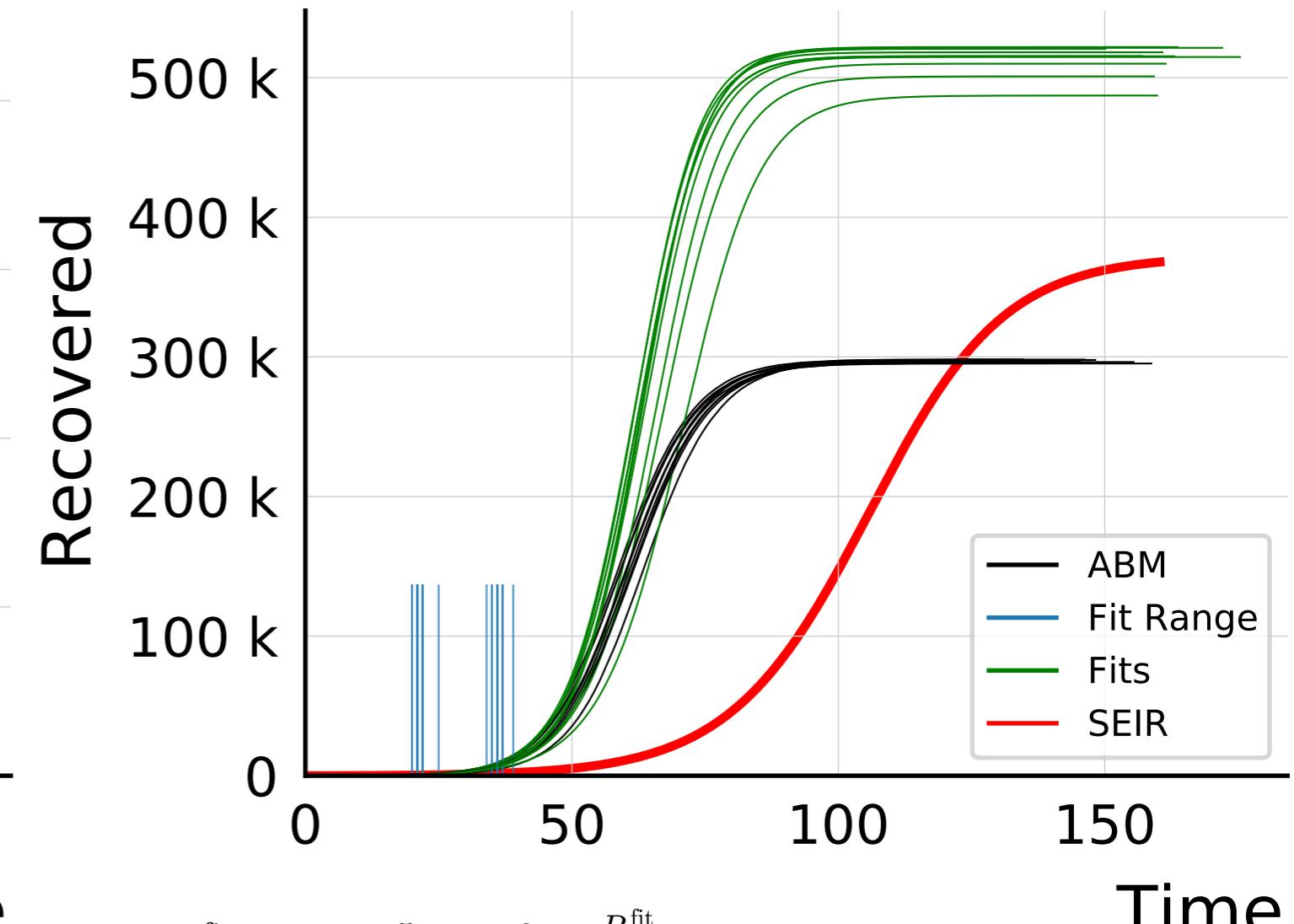
$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.661 \pm 0.0067$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



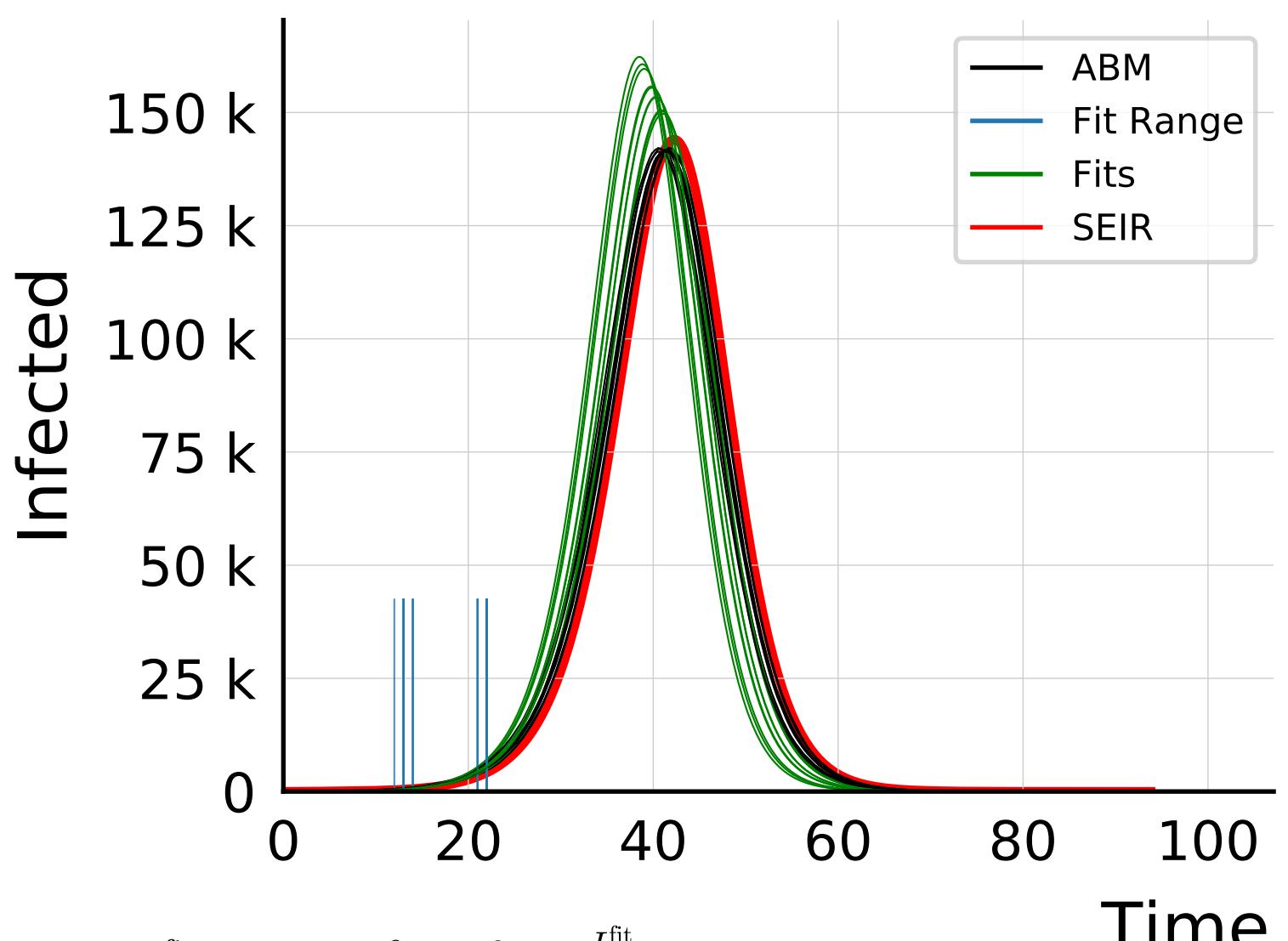
$$I_{\max}^{\text{fit}} = 82_{-9}^{+4} \cdot 10^3$$

$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.88 \pm 0.046$$



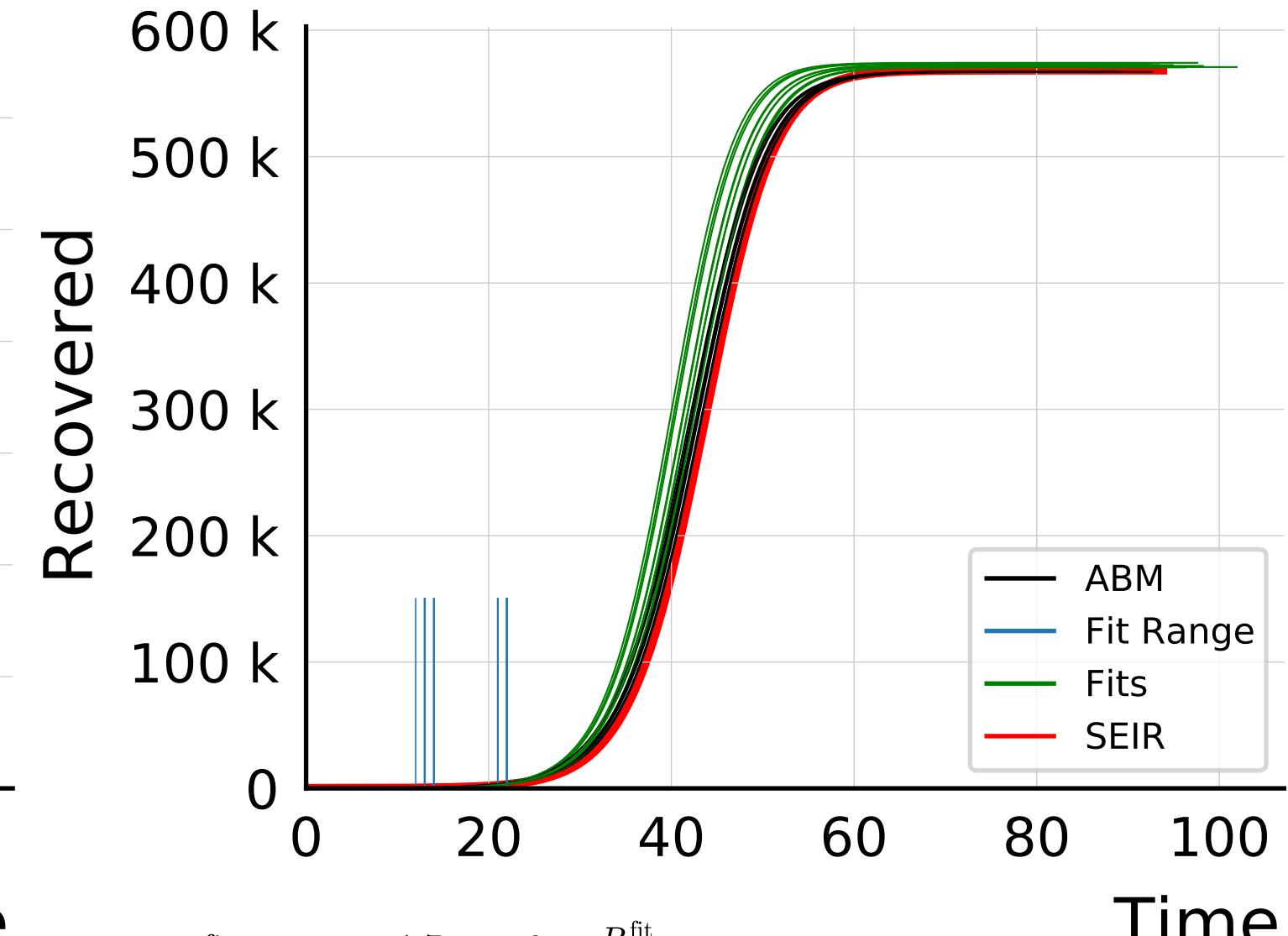
$$R_{\infty}^{\text{fit}} = 516_{-15}^{+5} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.73 \pm 0.011$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 100.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 154_{-4}^{+6} \cdot 10^3$$

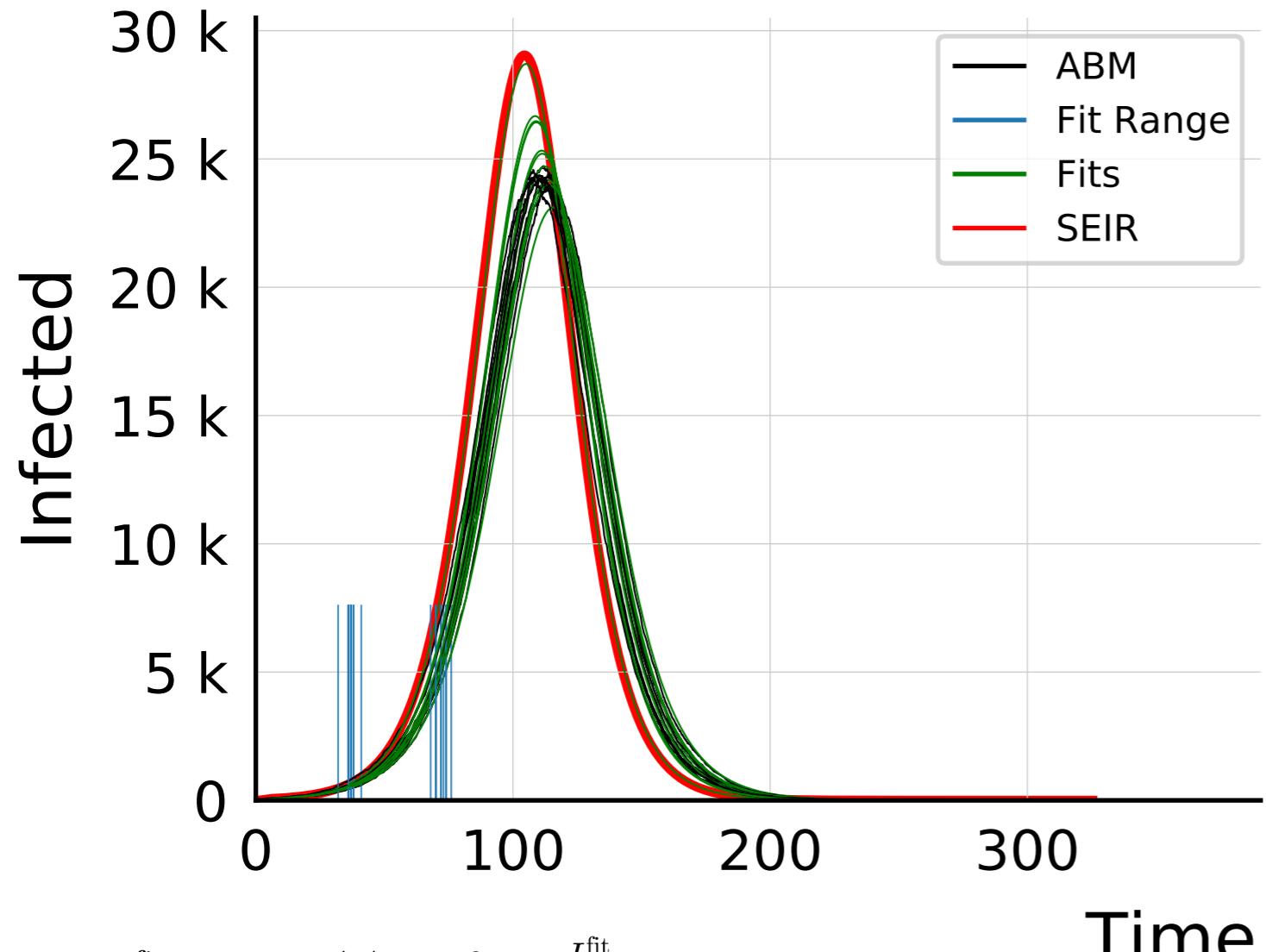
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.094 \pm 0.0096$$



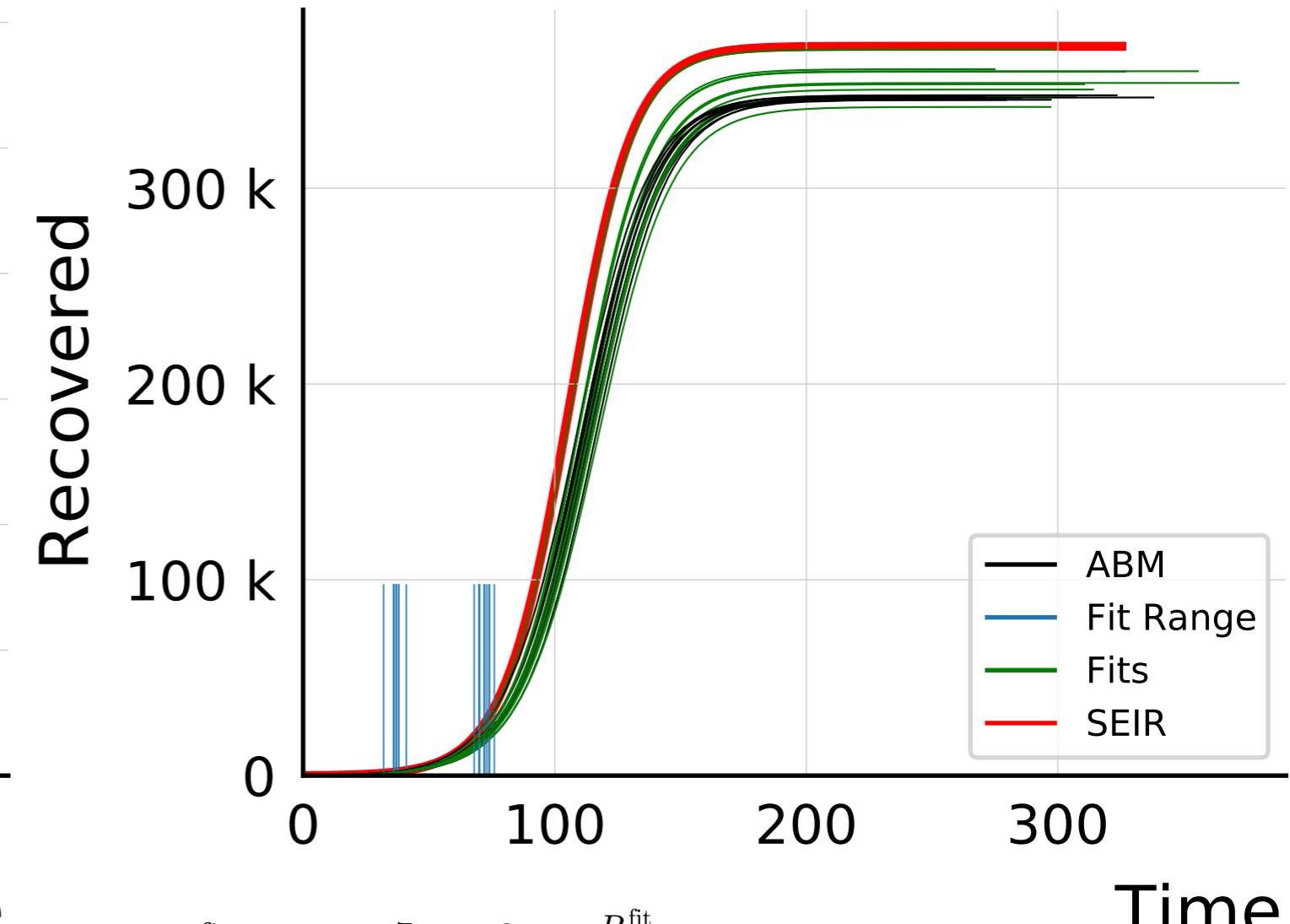
$$R_{\infty}^{\text{fit}} = 572_{-1.3}^{+1.7} \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.0089 \pm 0.00066$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

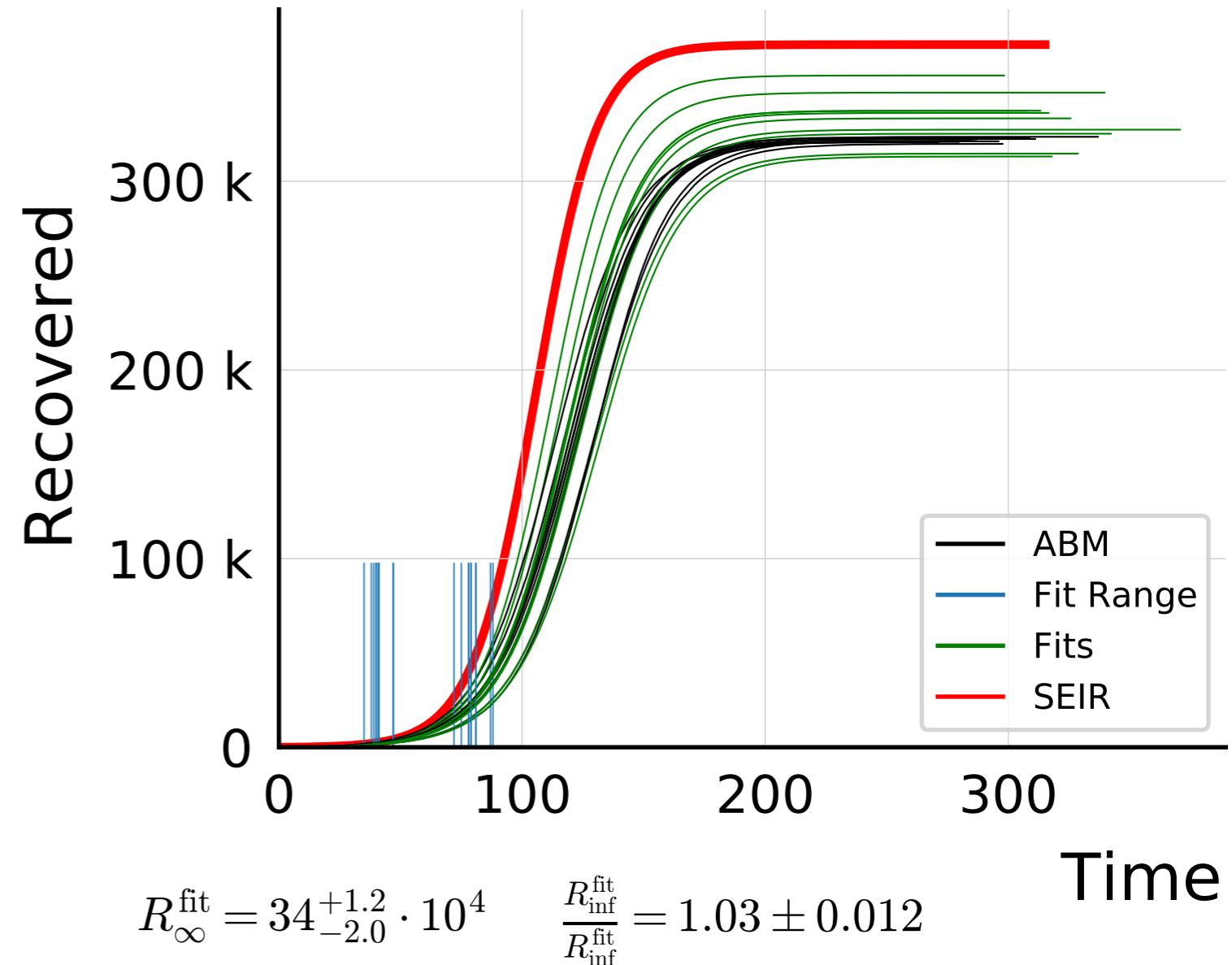
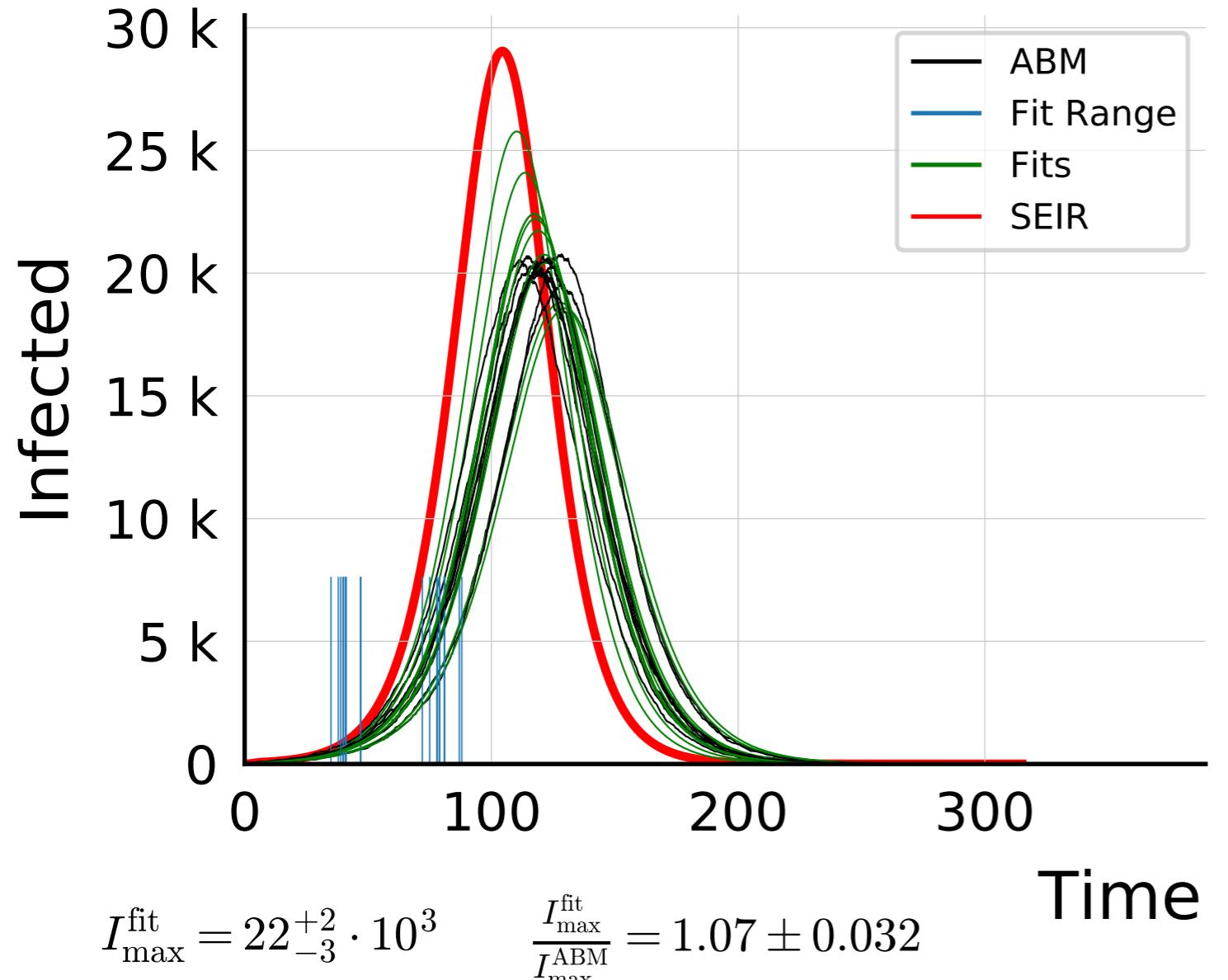


$$I_{\max}^{\text{fit}} = 25^{+1.4}_{-1.3} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.05 \pm 0.019$$

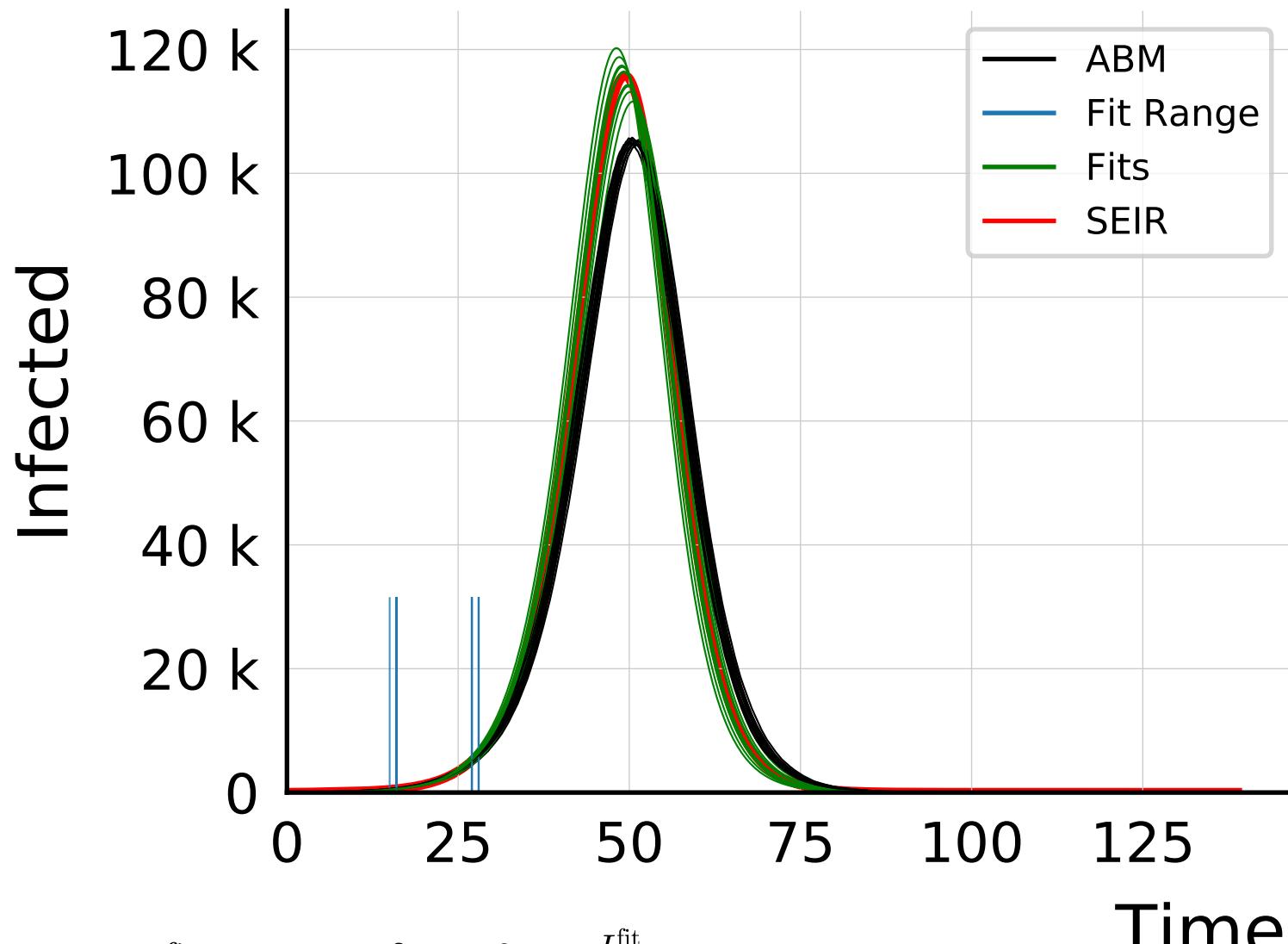


$$R_{\infty}^{\text{fit}} = 353^{+7}_{-7} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.023 \pm 0.0071$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

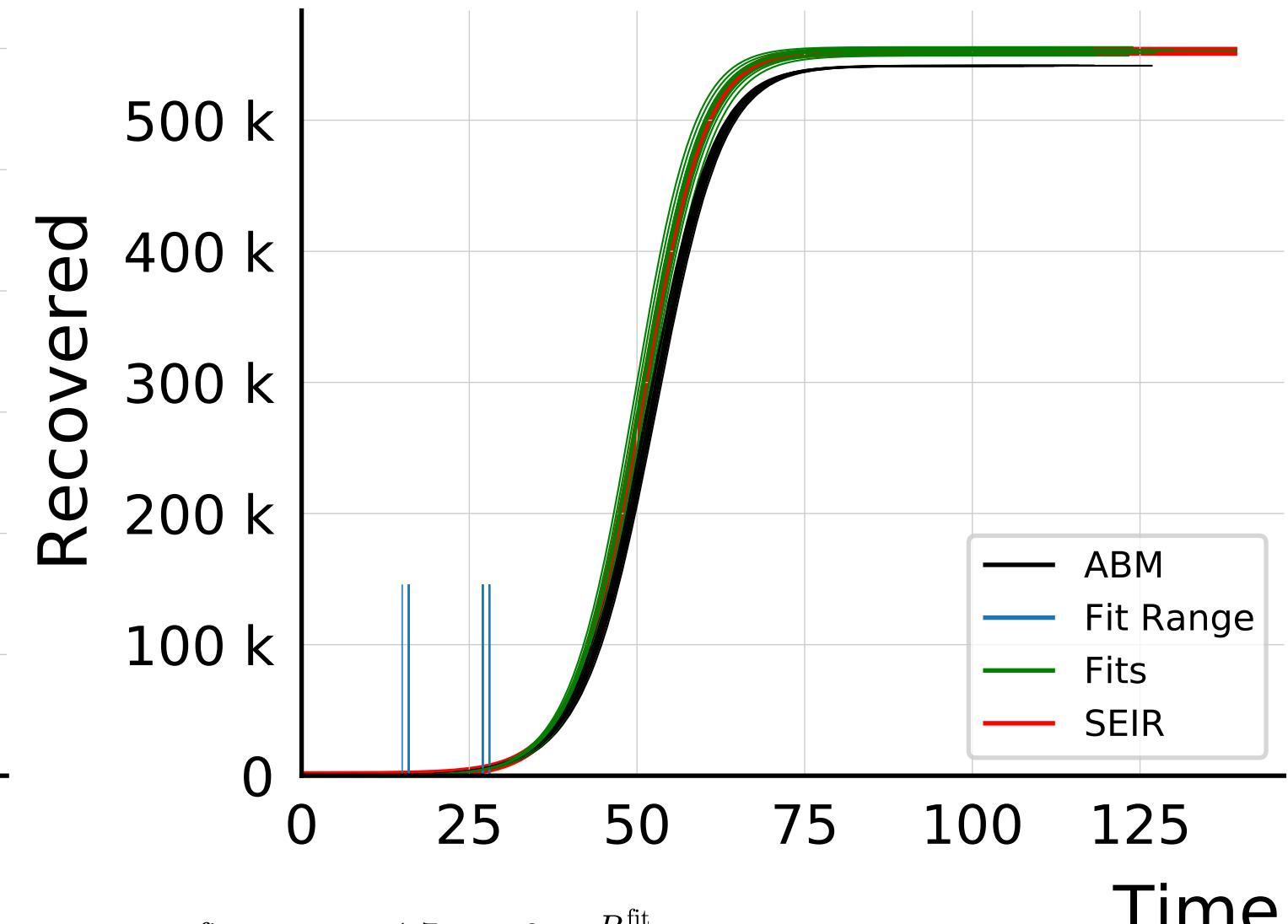


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 116_{-3}^{+2} \cdot 10^3$$

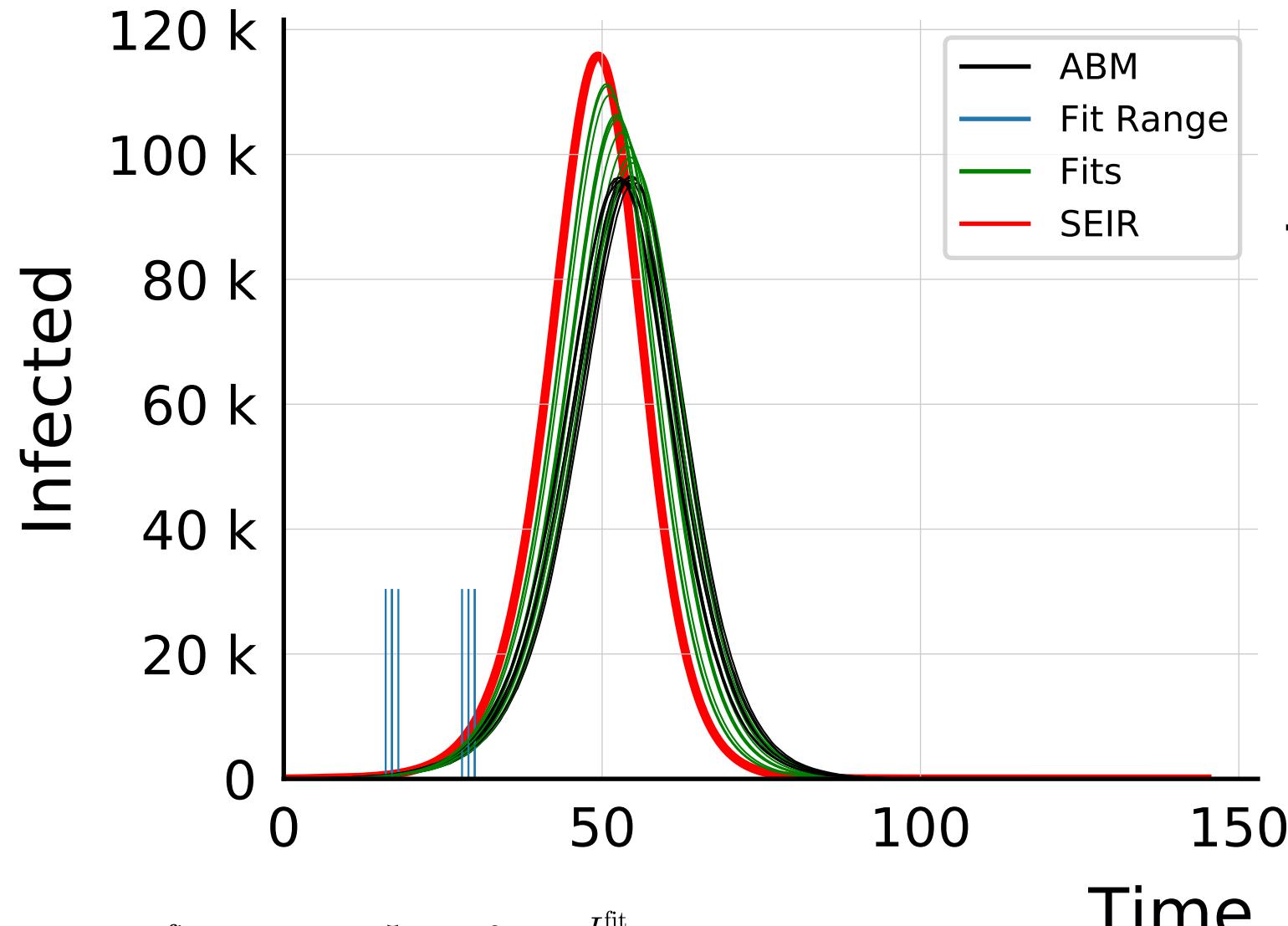
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.103 \pm 0.0071$$



$$R_{\infty}^{\text{fit}} = 553_{-3}^{+1.7} \cdot 10^3$$

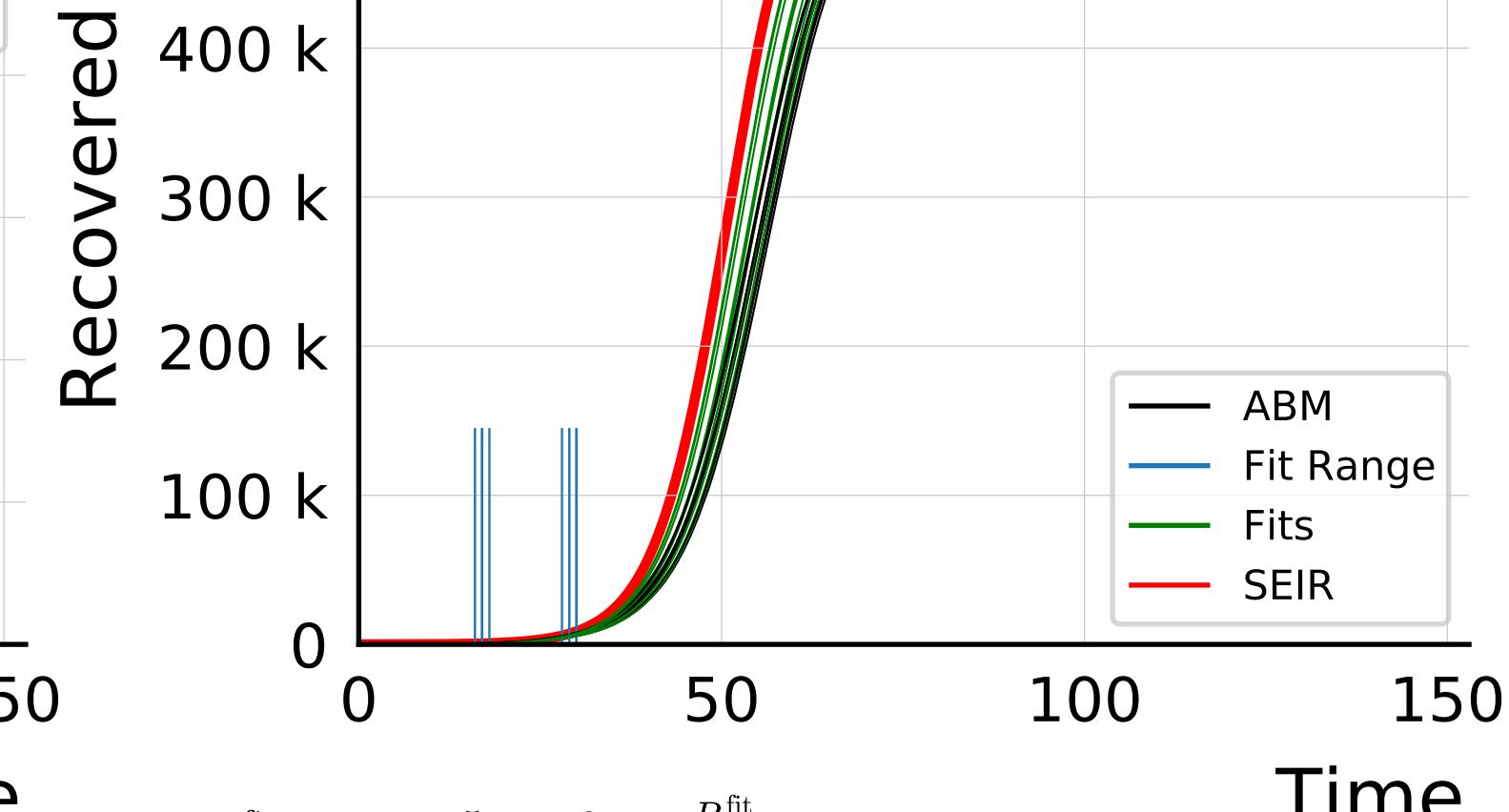
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.021 \pm 0.0011$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 106_{-6}^{+5} \cdot 10^3$$

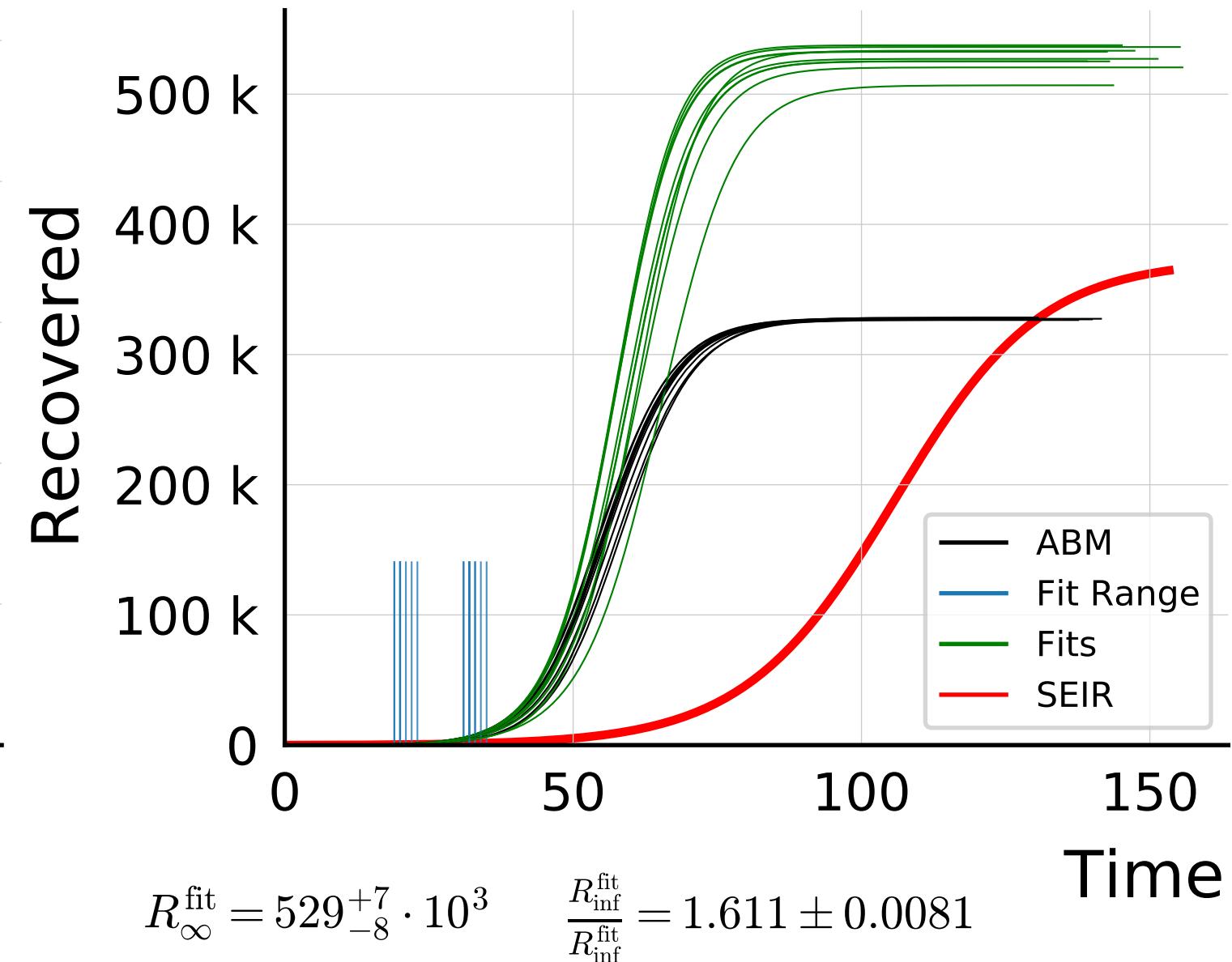
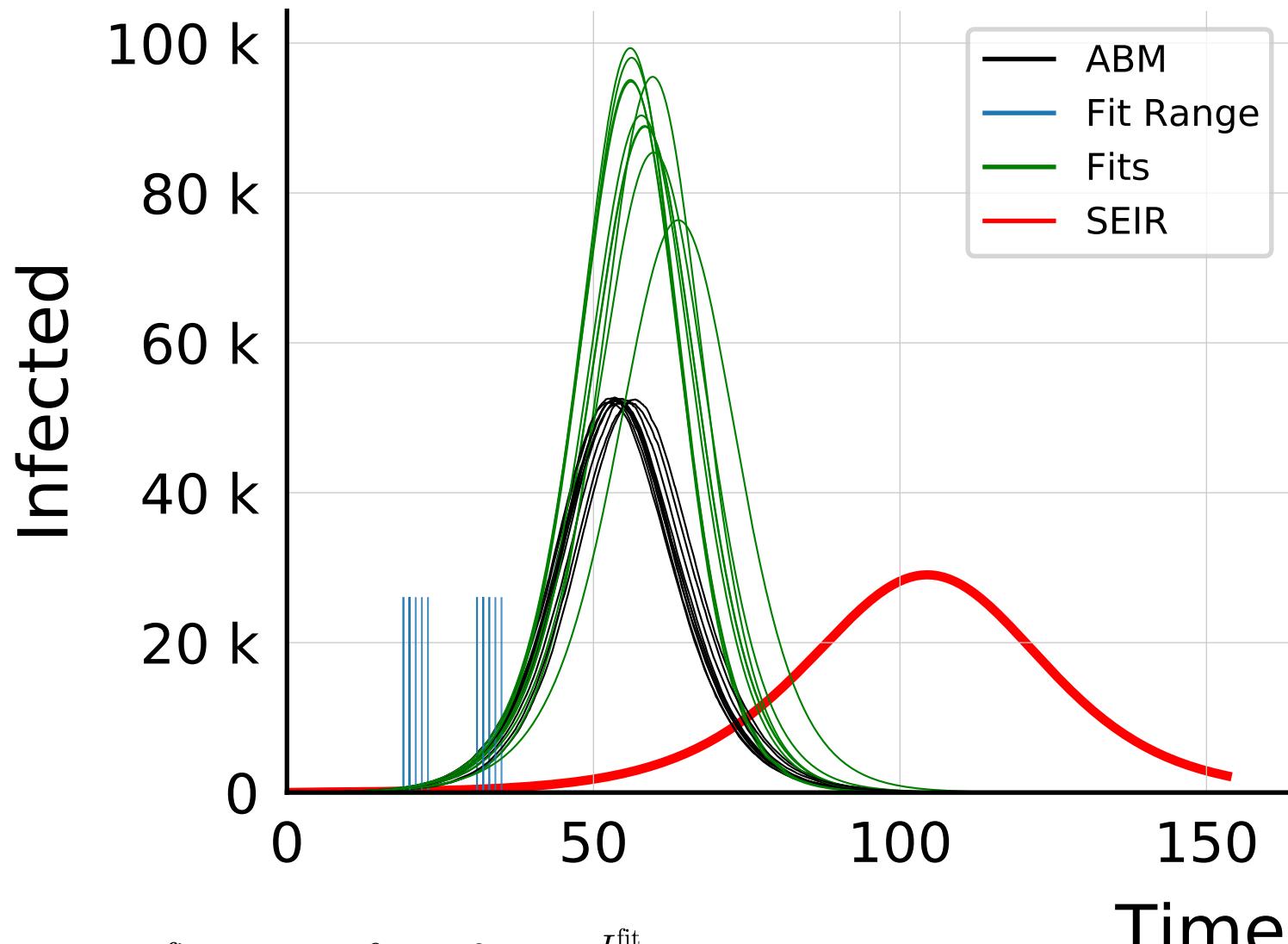
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.1 \pm 0.014$$



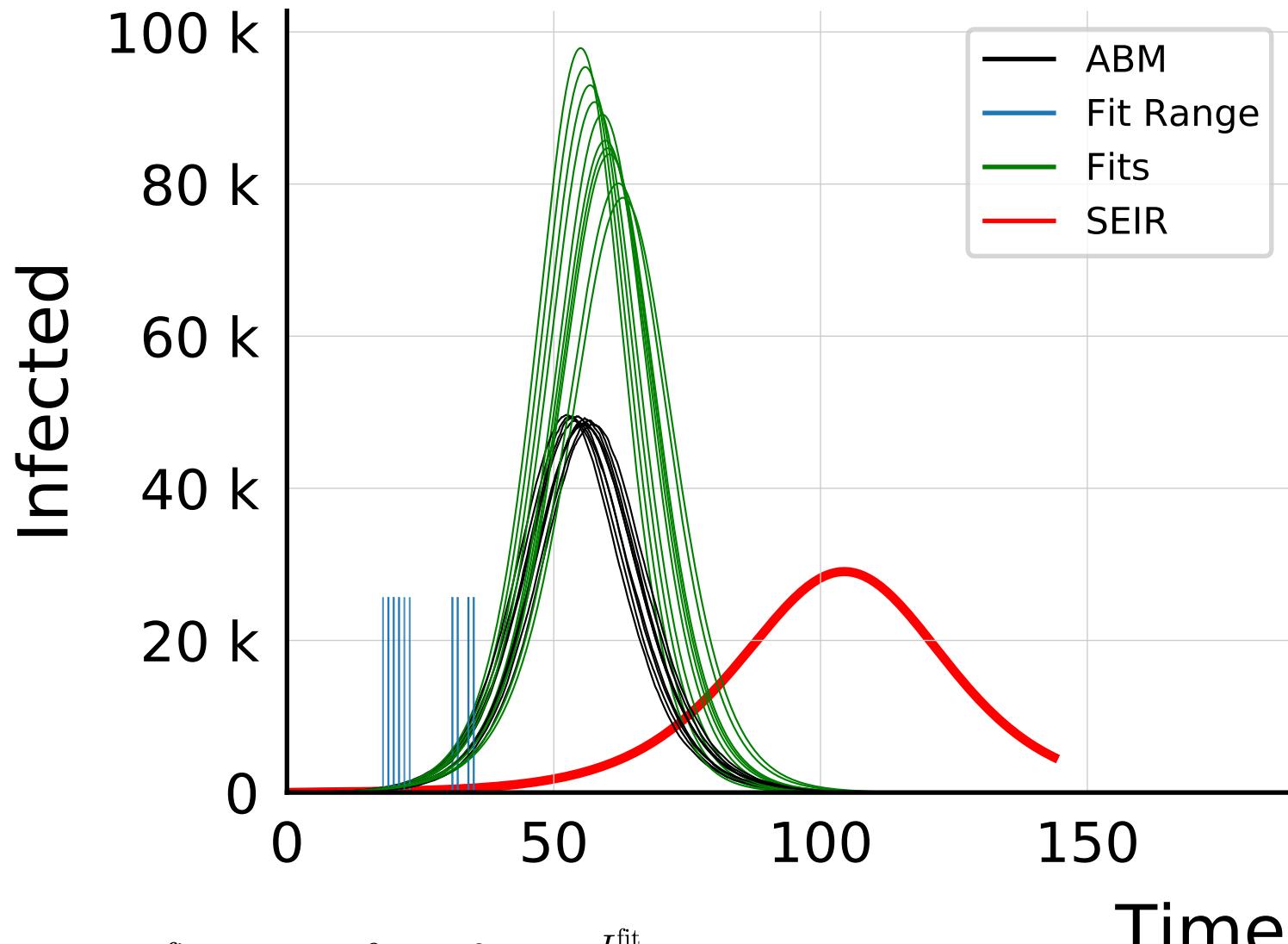
$$R_{\infty}^{\text{fit}} = 544_{-6}^{+5} \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.025 \pm 0.0025$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

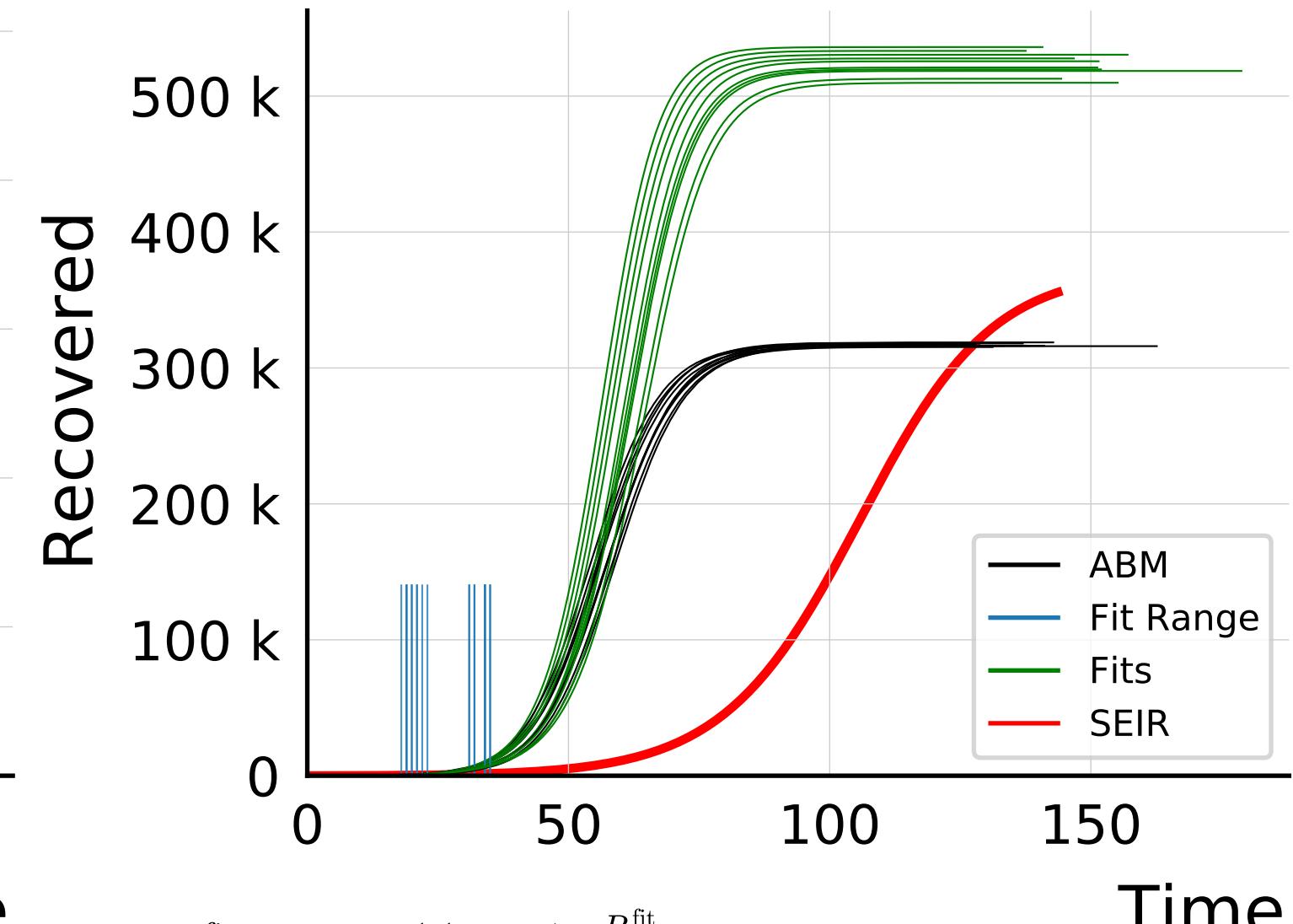


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



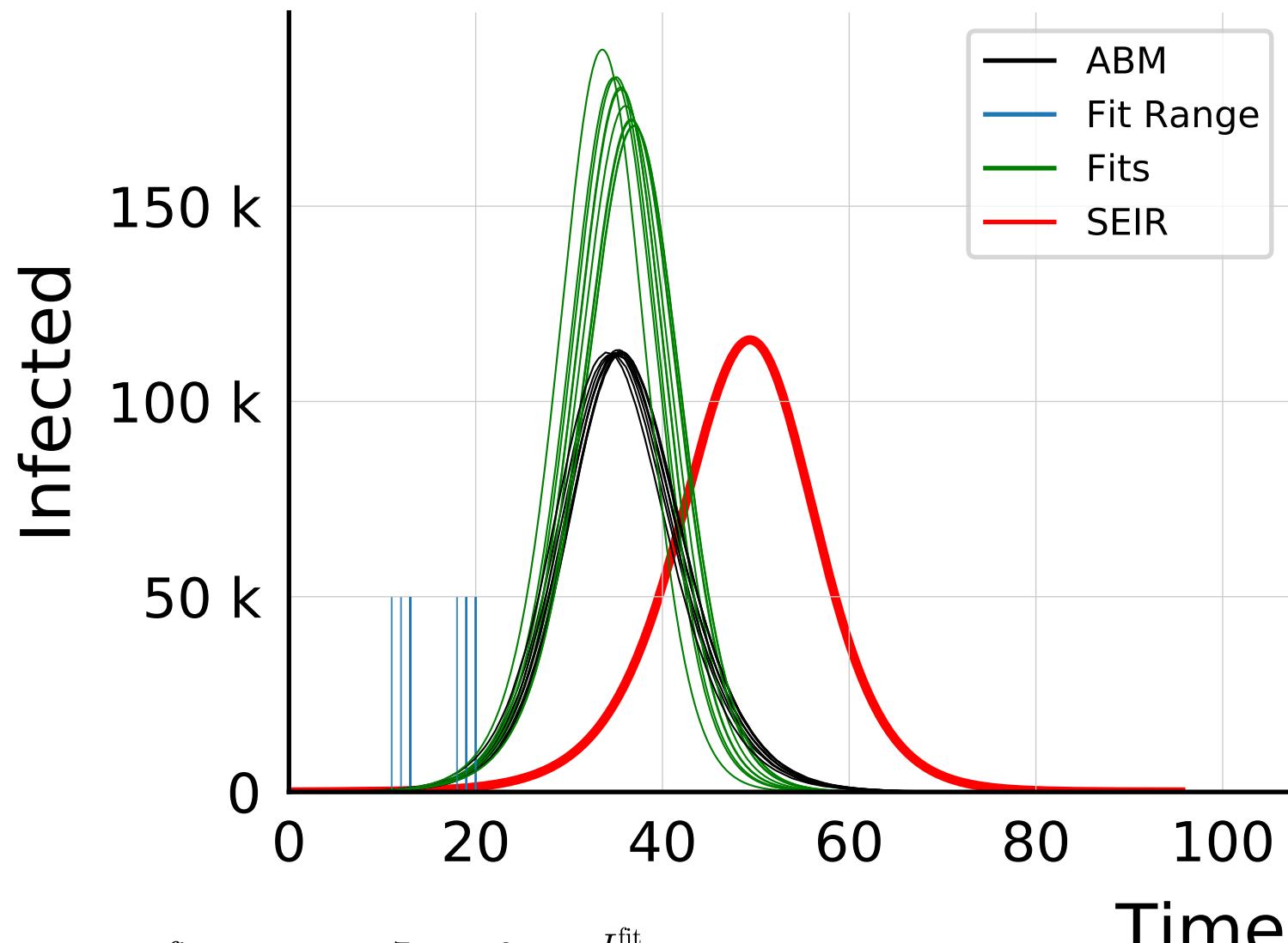
$$I_{\max}^{\text{fit}} = 86_{-6}^{+9} \cdot 10^3$$

$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.79 \pm 0.035$$

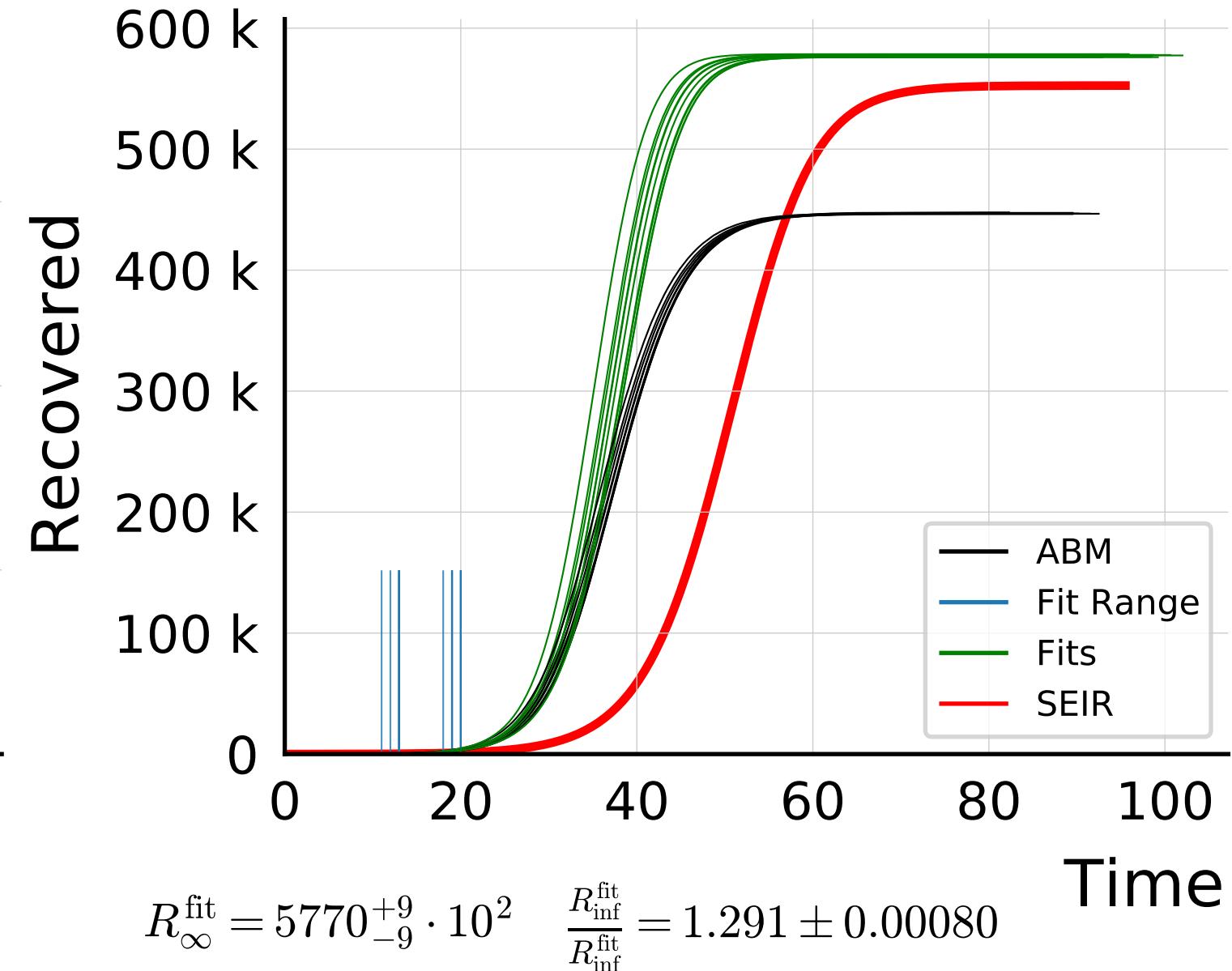


$$R_{\infty}^{\text{fit}} = 52.2_{-0.9}^{+1.1} \cdot 10^4 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.652 \pm 0.0072$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

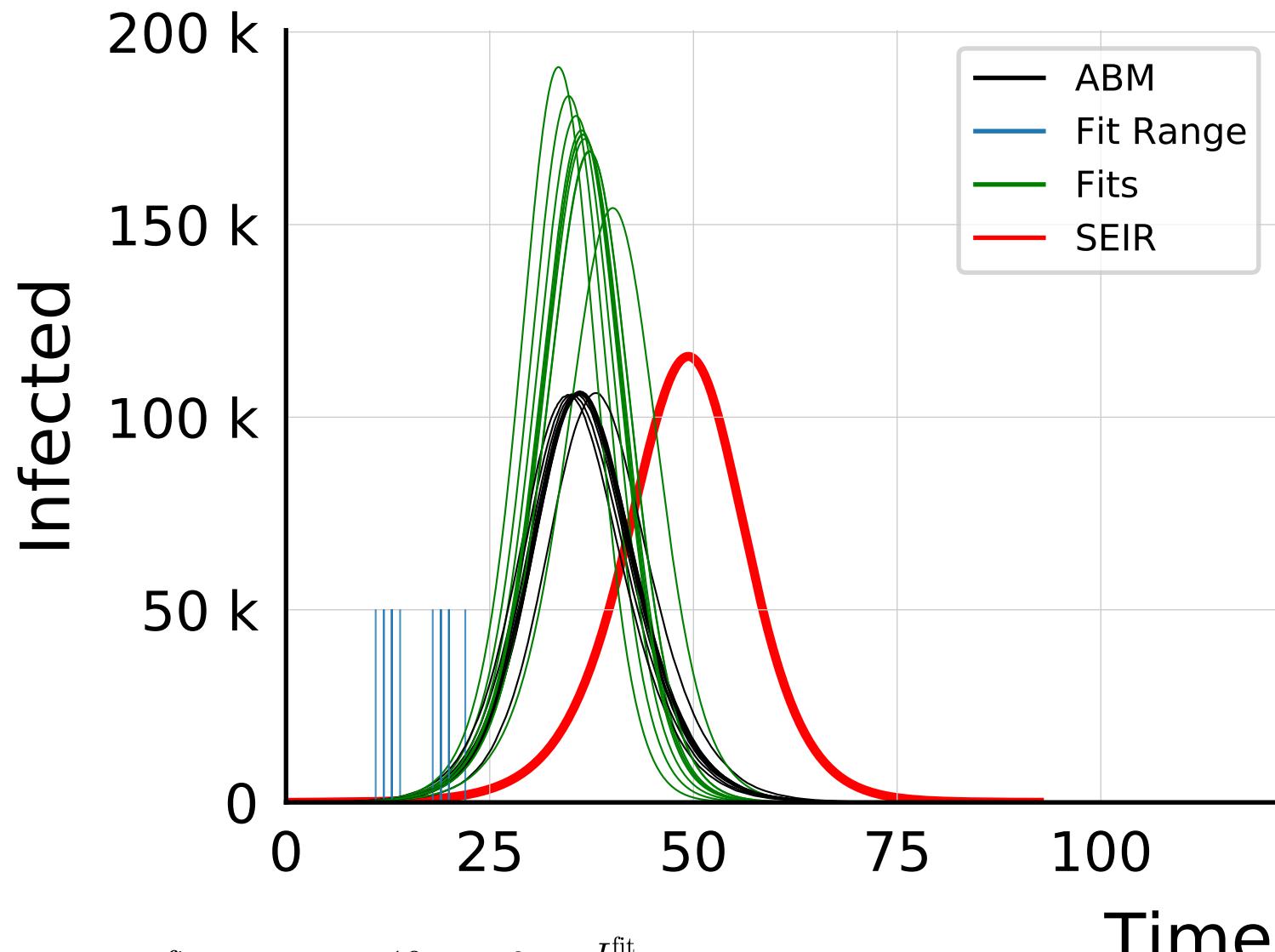


$$I_{\max}^{\text{fit}} = 177_{-6}^{+7} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.58 \pm 0.018$$

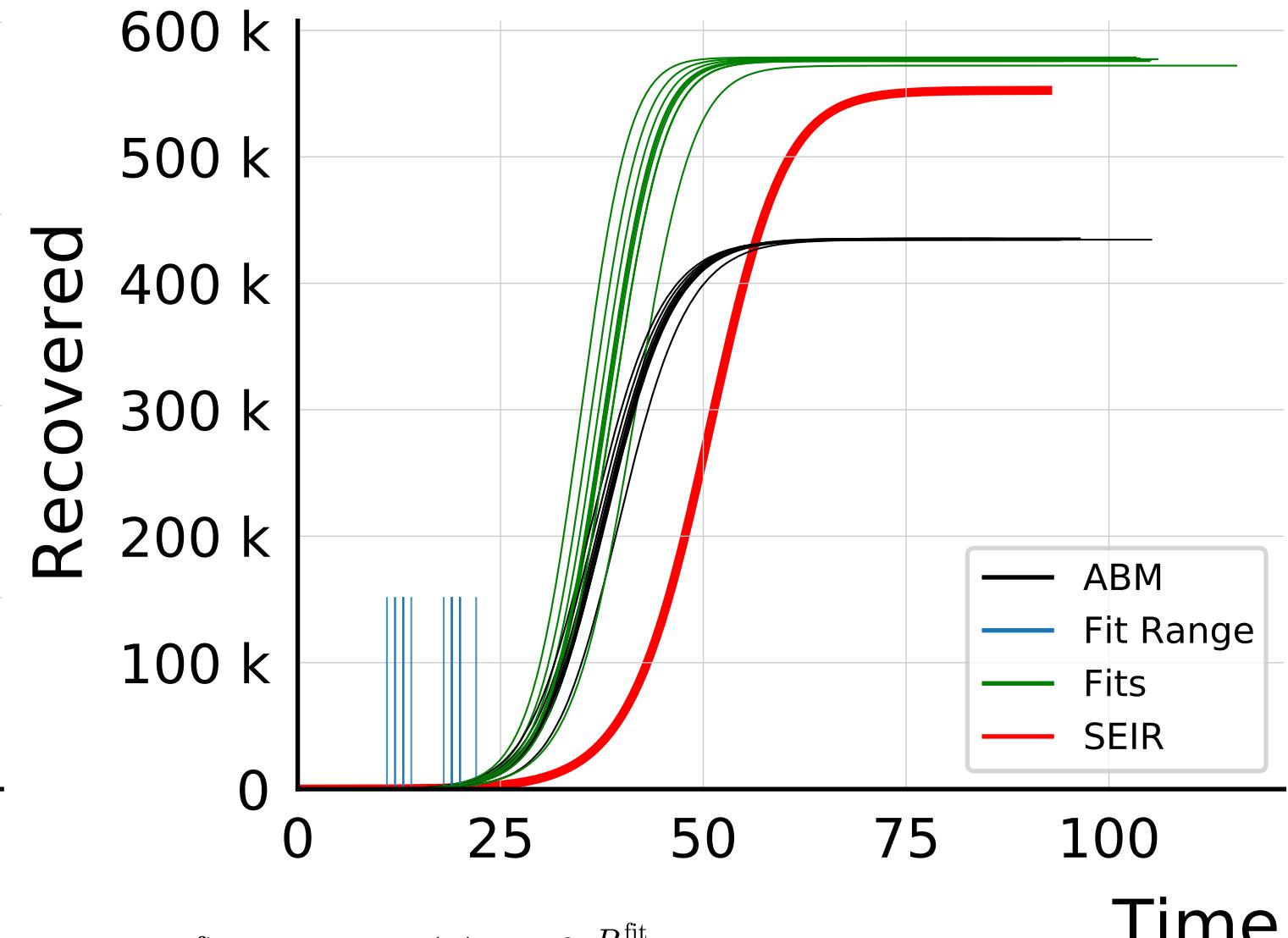


$$R_{\infty}^{\text{fit}} = 5770_{-9}^{+9} \cdot 10^2 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.291 \pm 0.00080$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

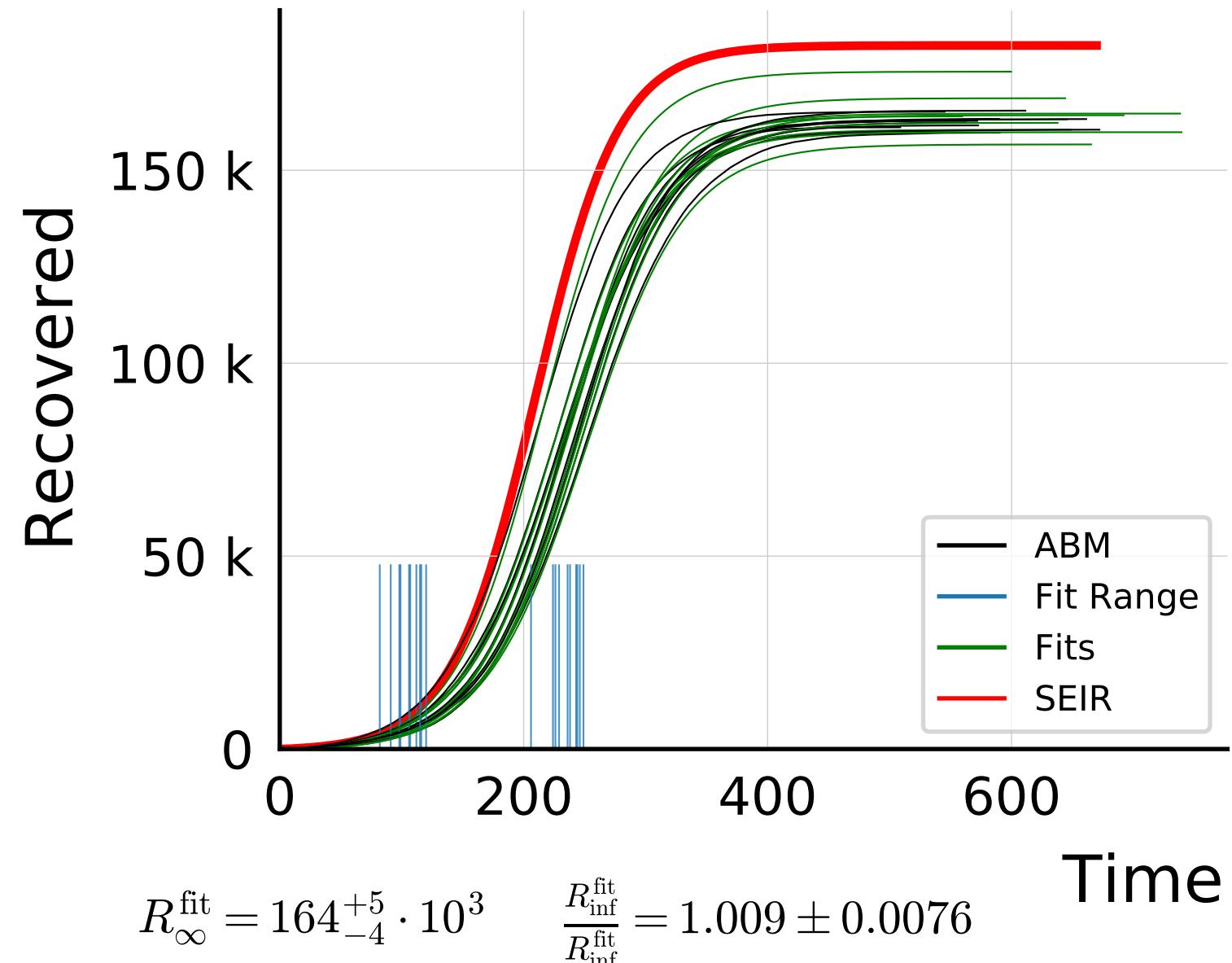
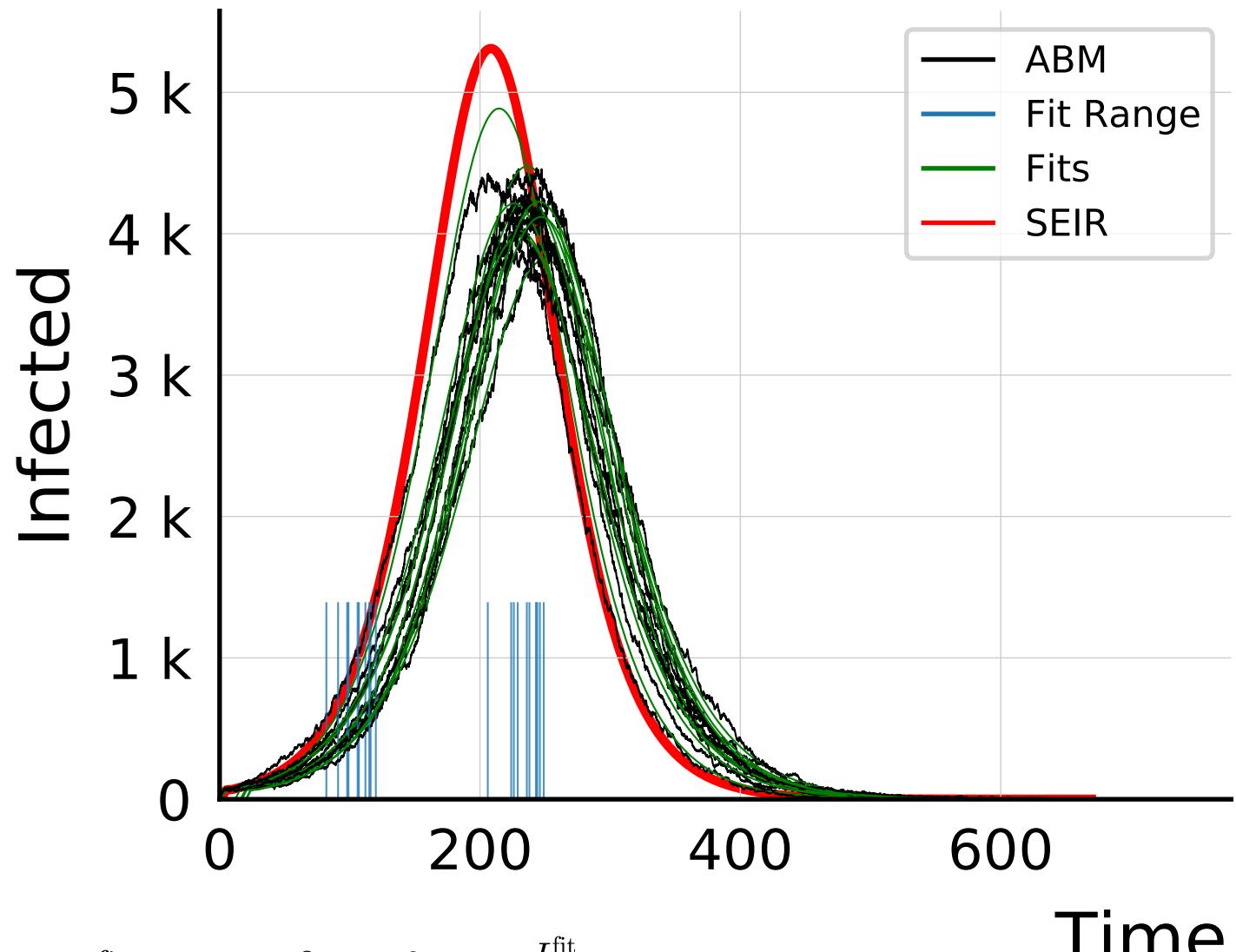


$$I_{\max}^{\text{fit}} = 173_{-5}^{+10} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.64 \pm 0.028$$

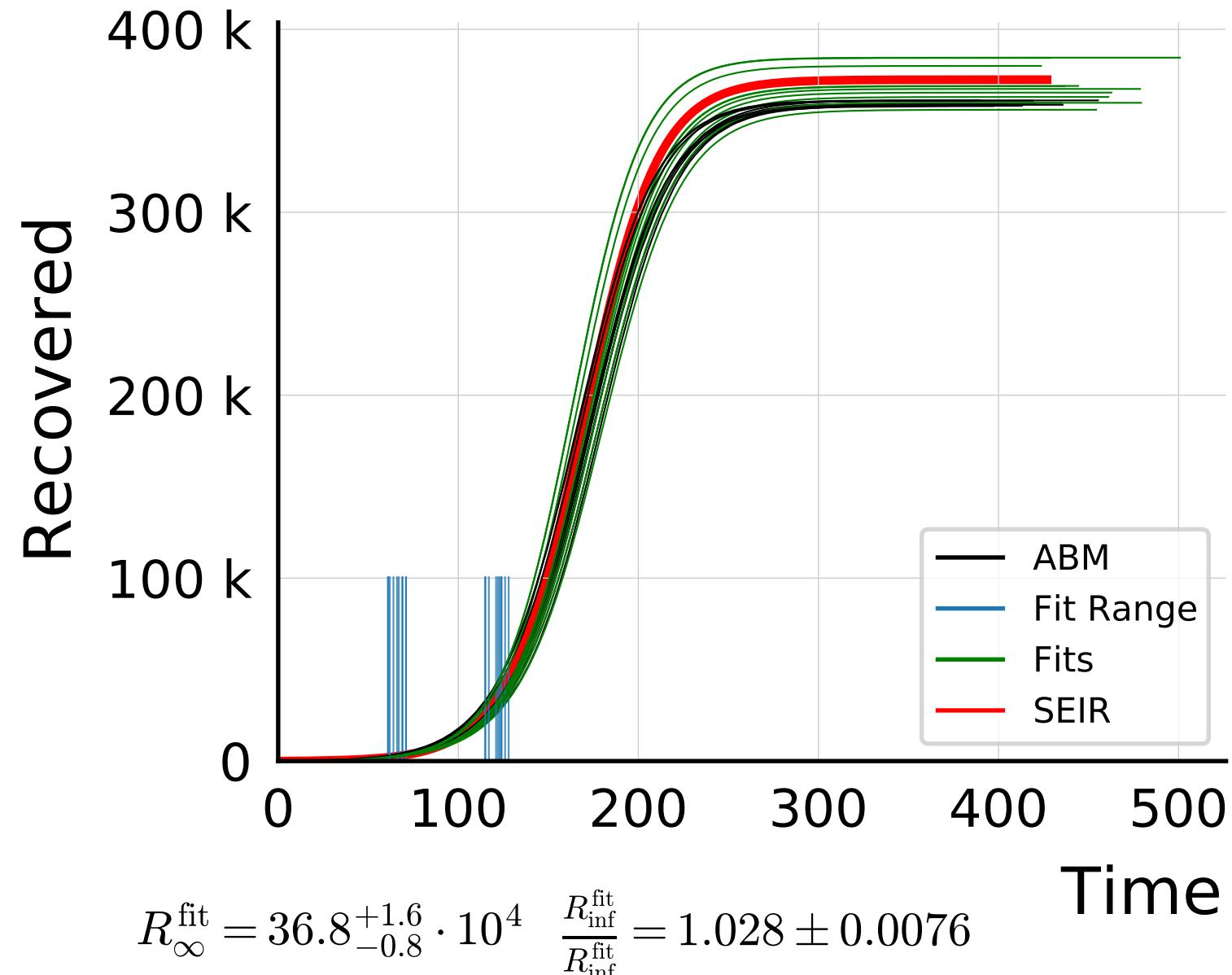
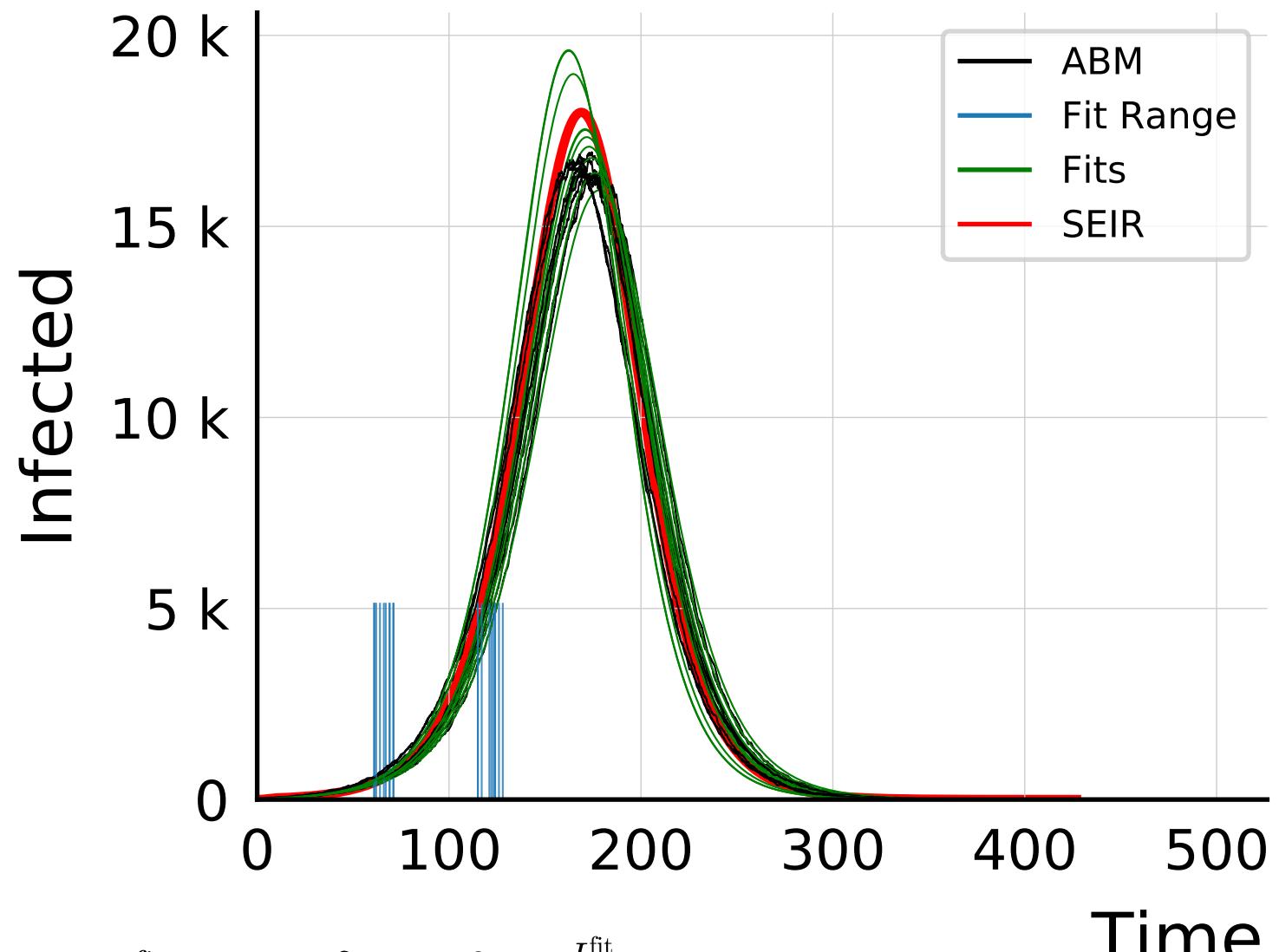


$$R_{\infty}^{\text{fit}} = 576.5_{-0.8}^{+1.4} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.325 \pm 0.0012$$

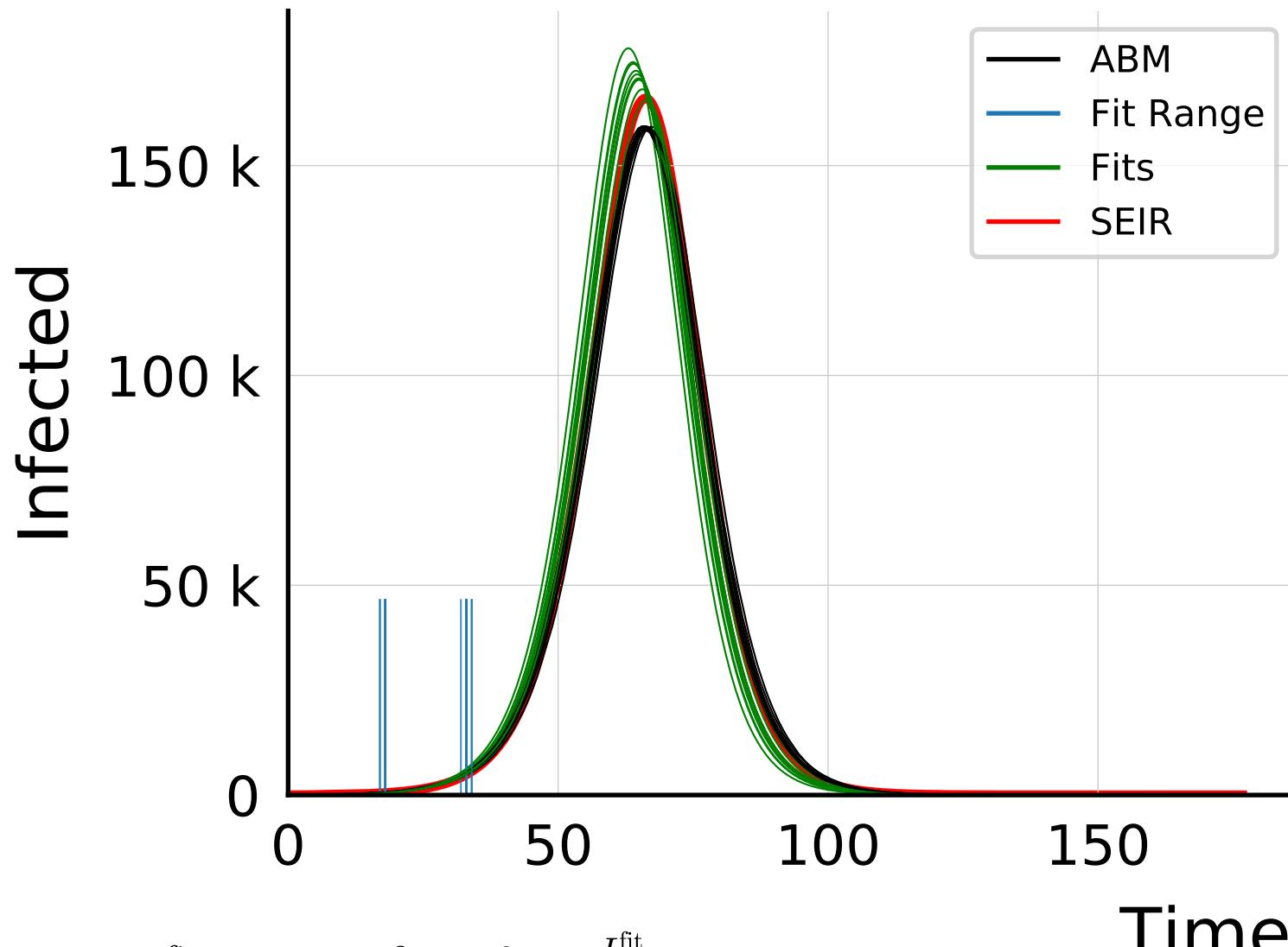
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 30.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 0.5$, $\lambda_I = 1.0$, algo = 2, #10

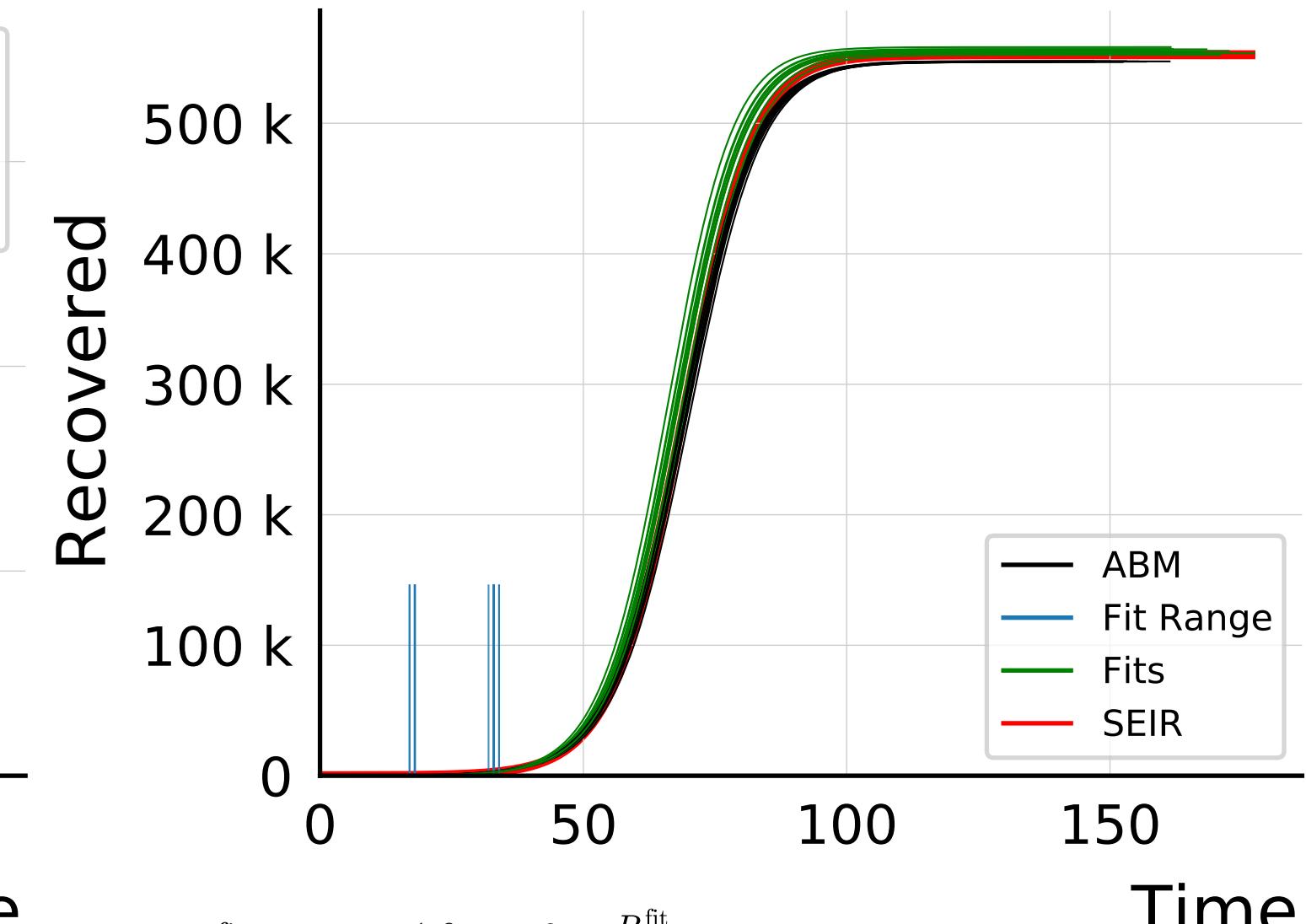


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 0.5$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 171^{+3}_{-3} \cdot 10^3$$

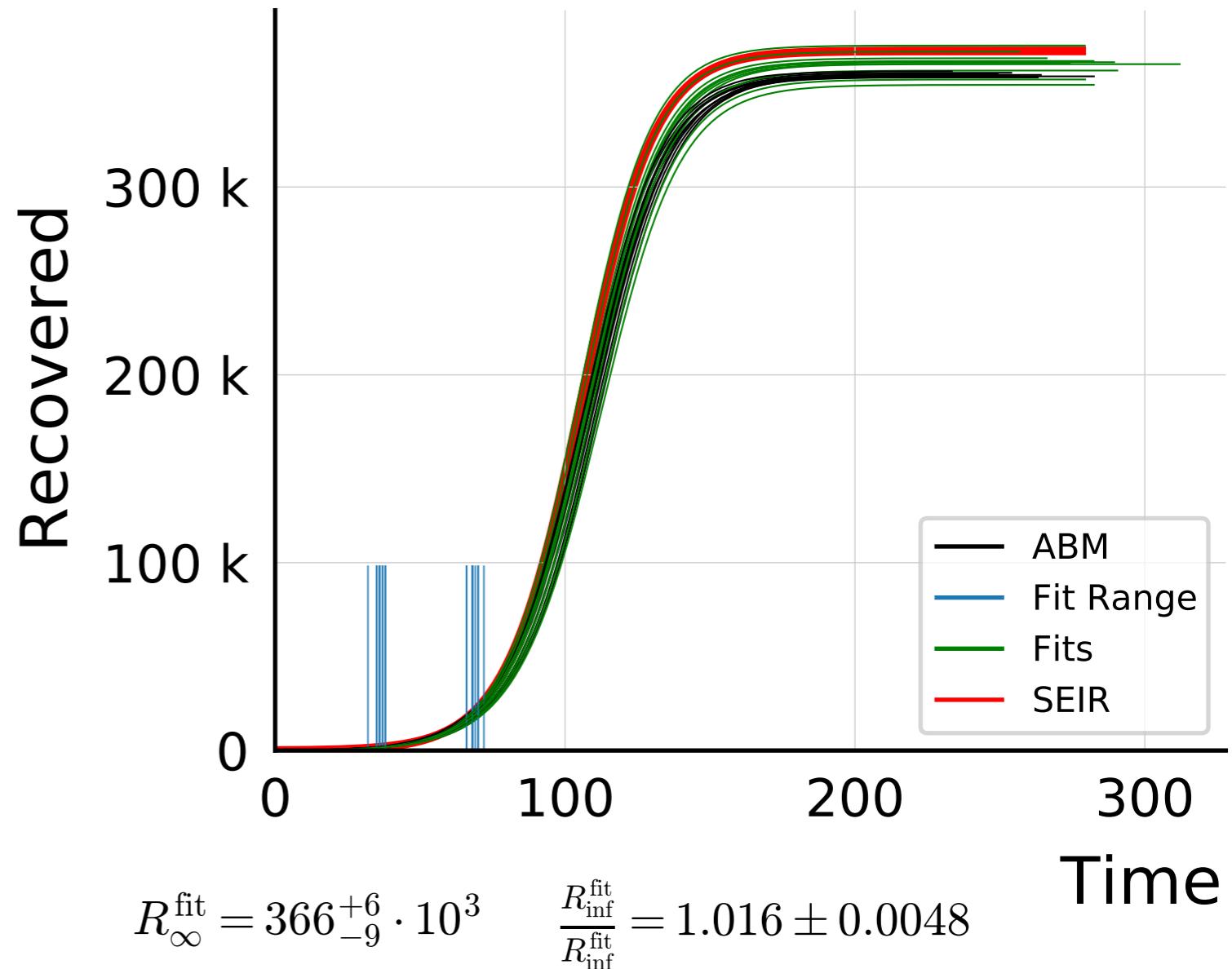
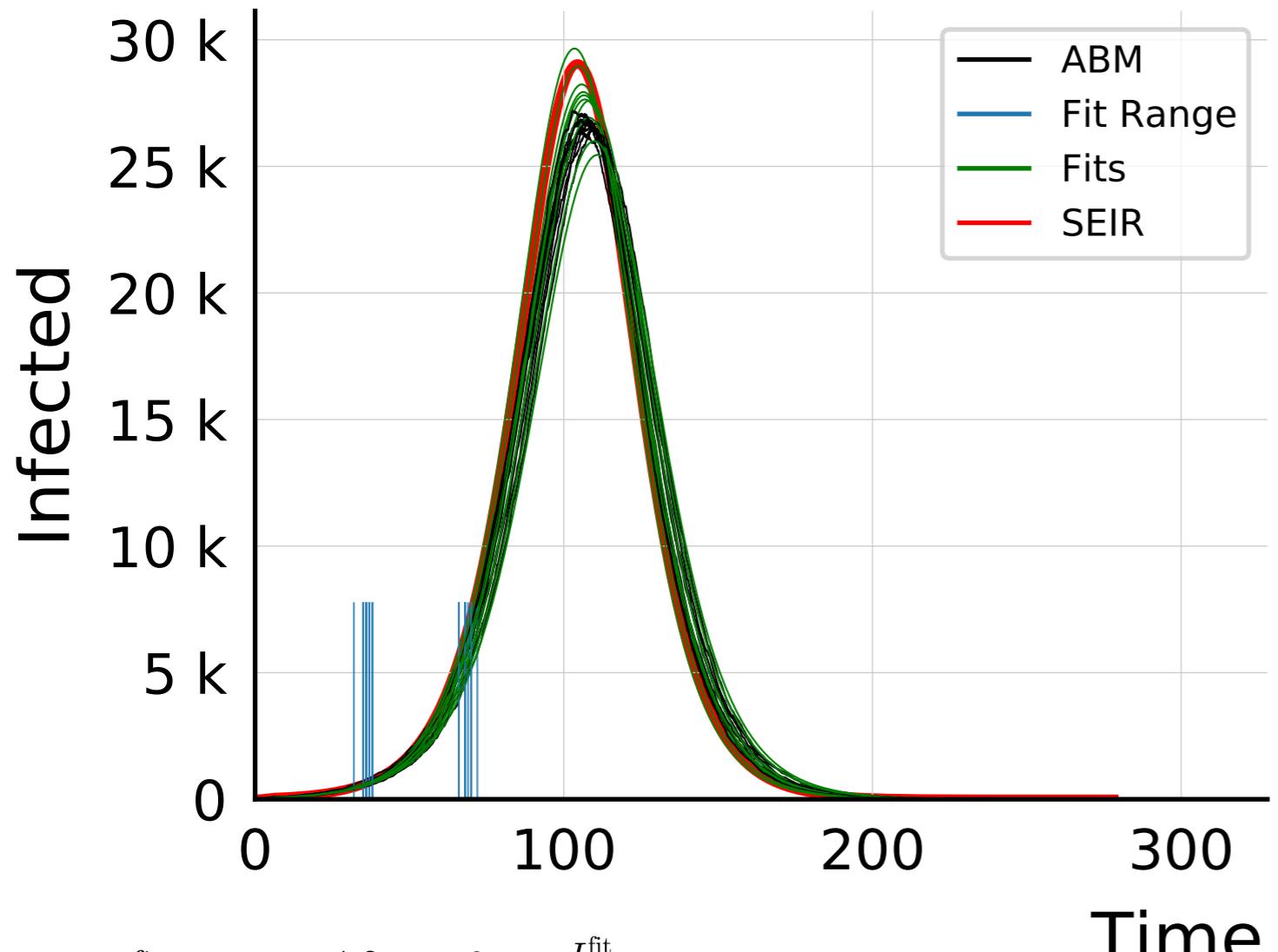
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.079 \pm 0.0066$$



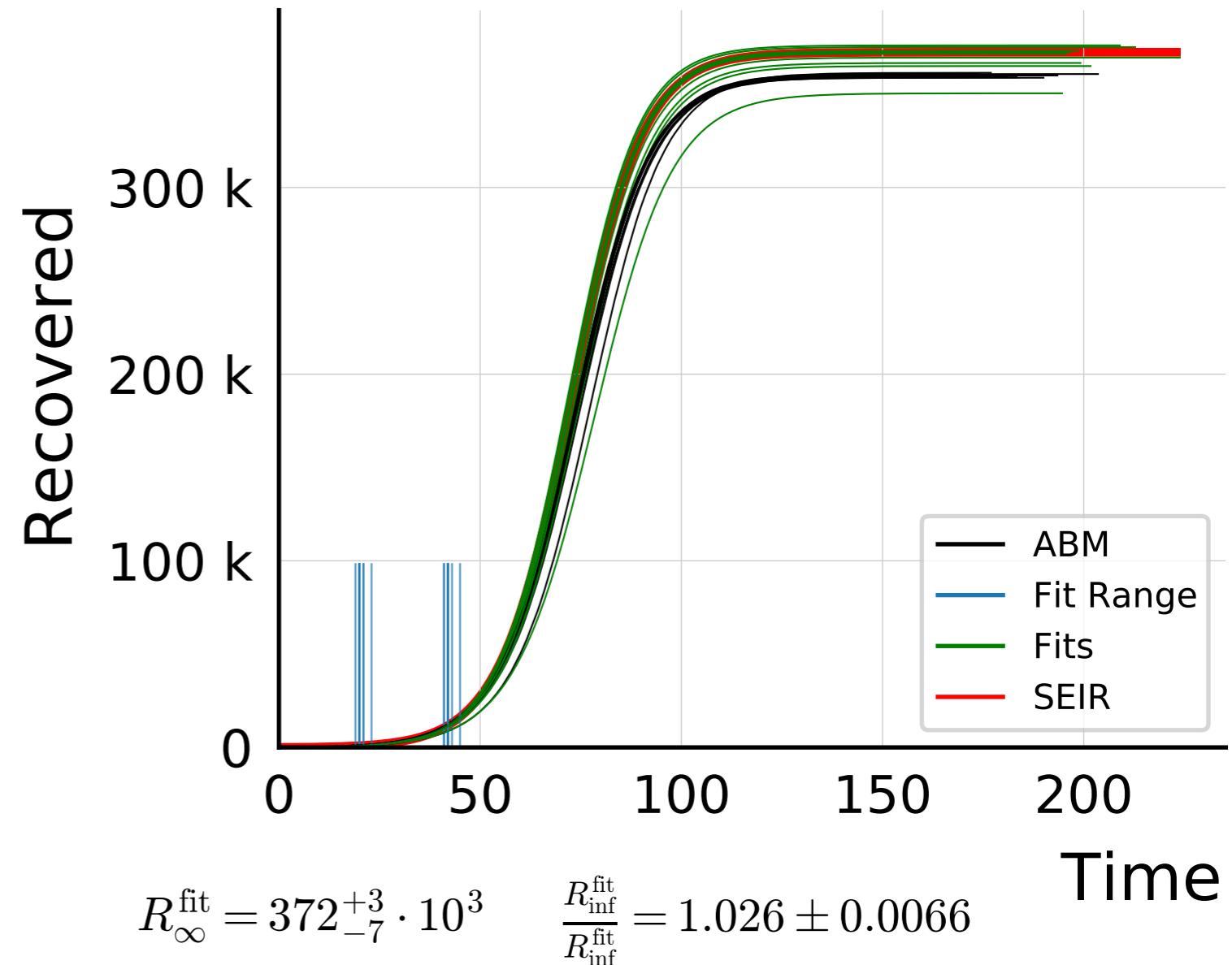
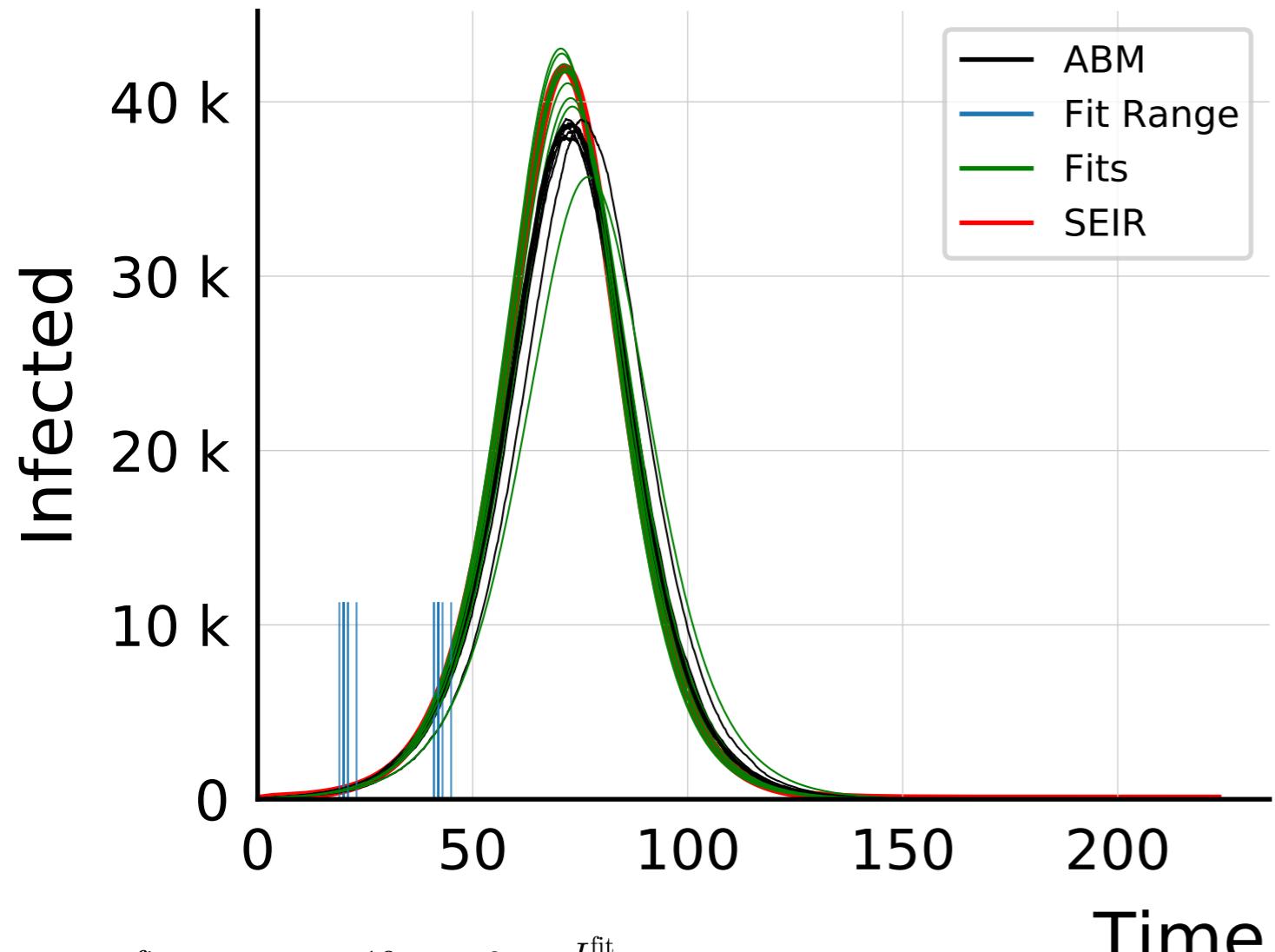
$$R_{\infty}^{\text{fit}} = 555^{+1.6}_{-1.6} \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.0148 \pm 0.00093$$

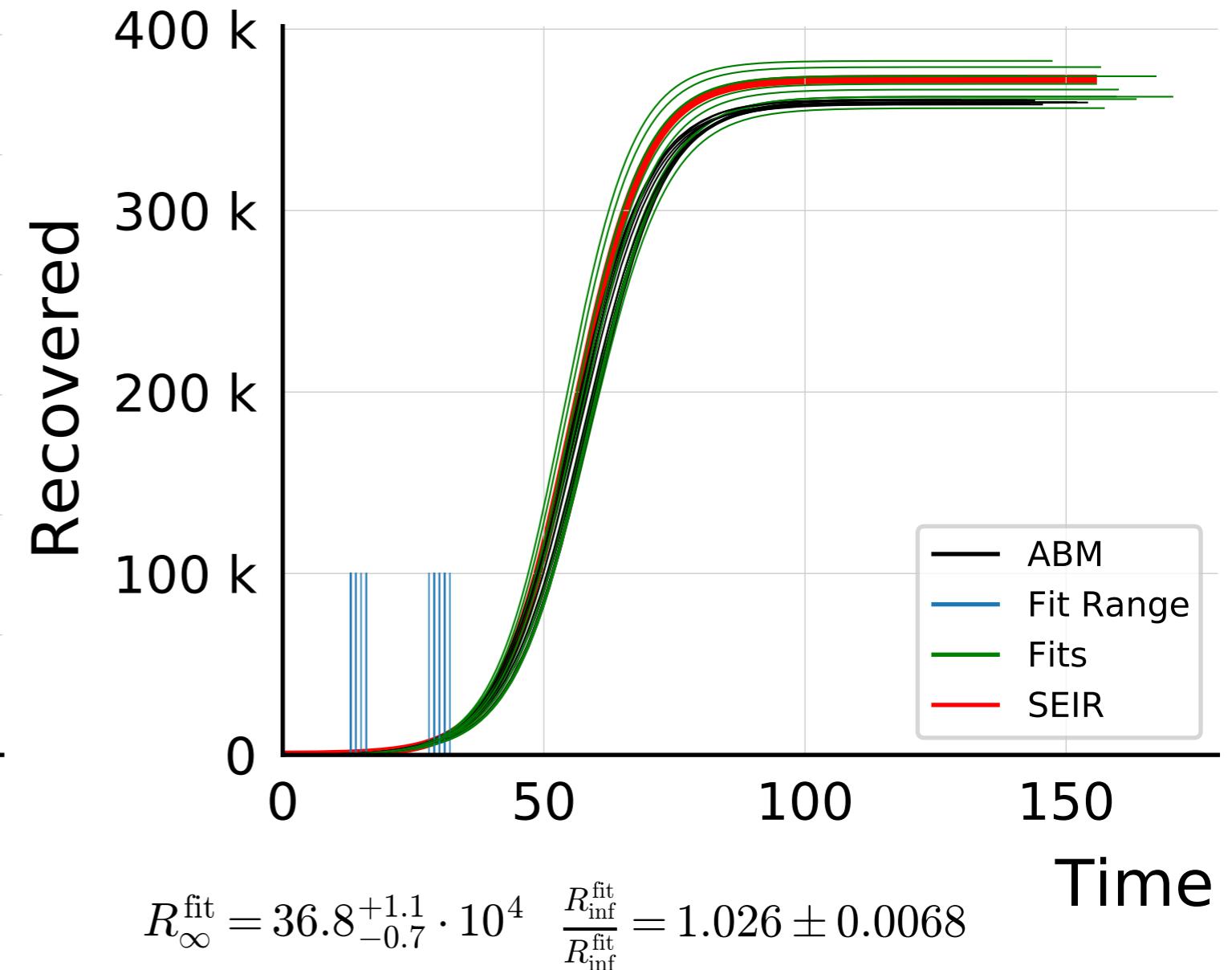
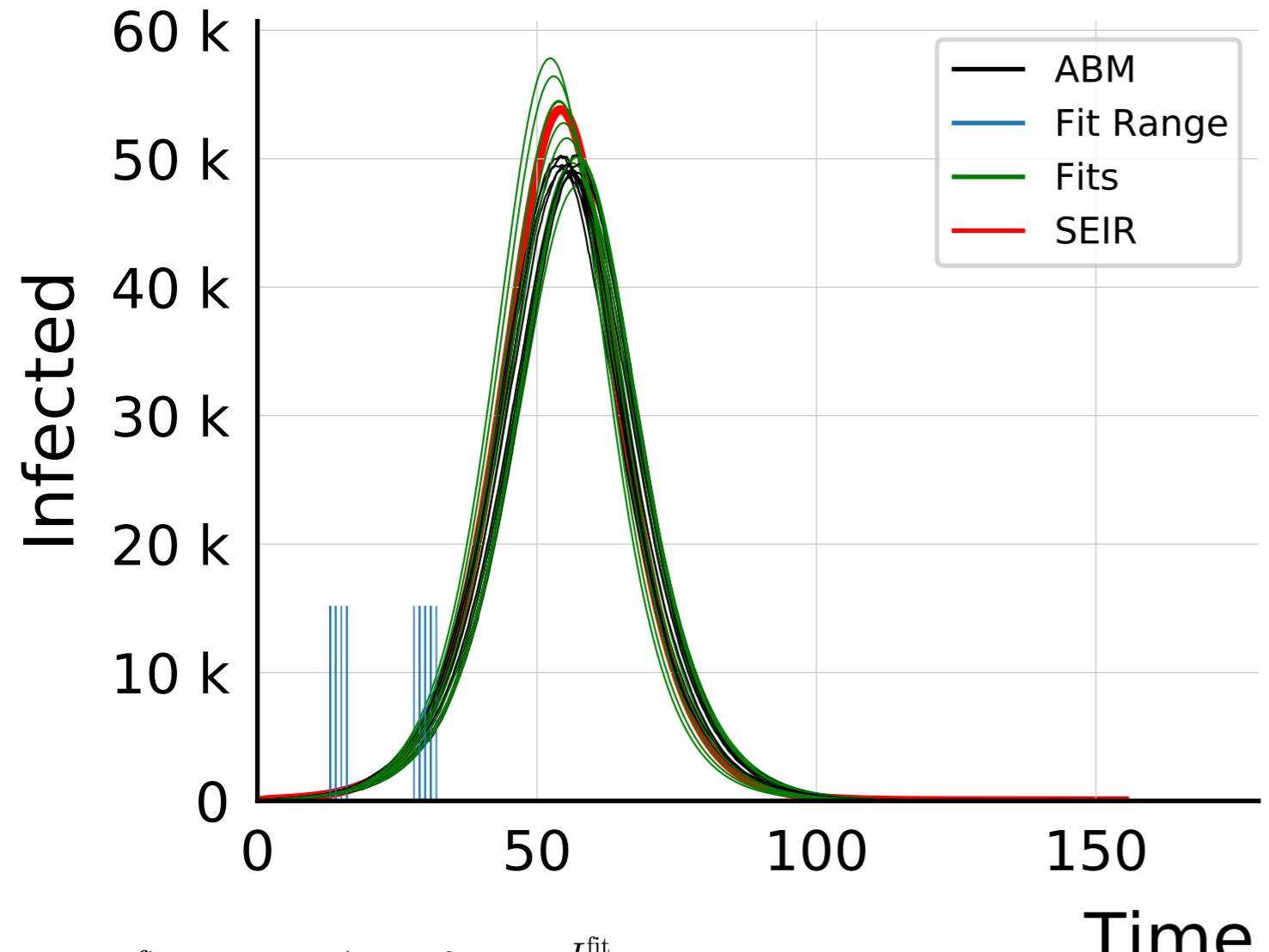
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



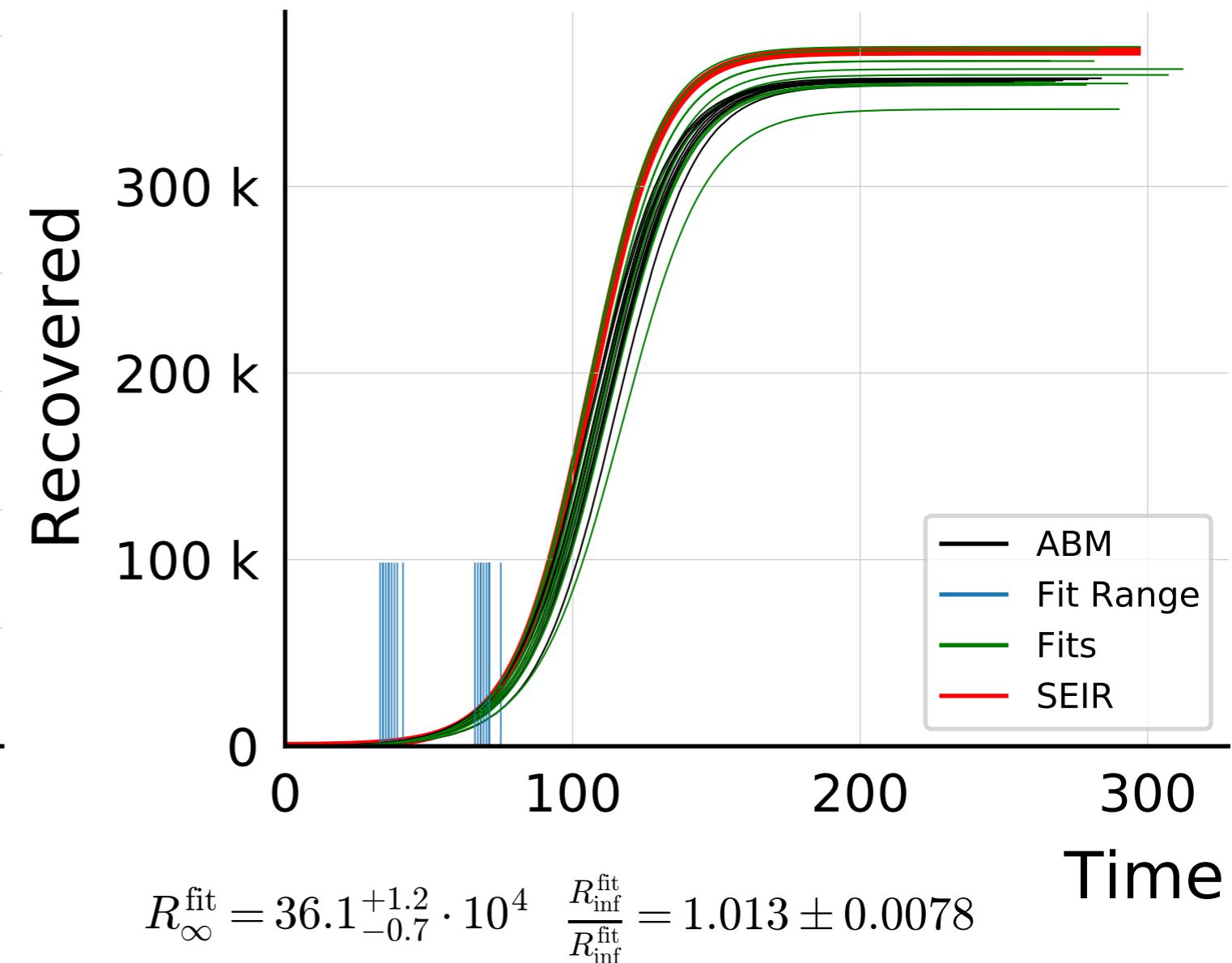
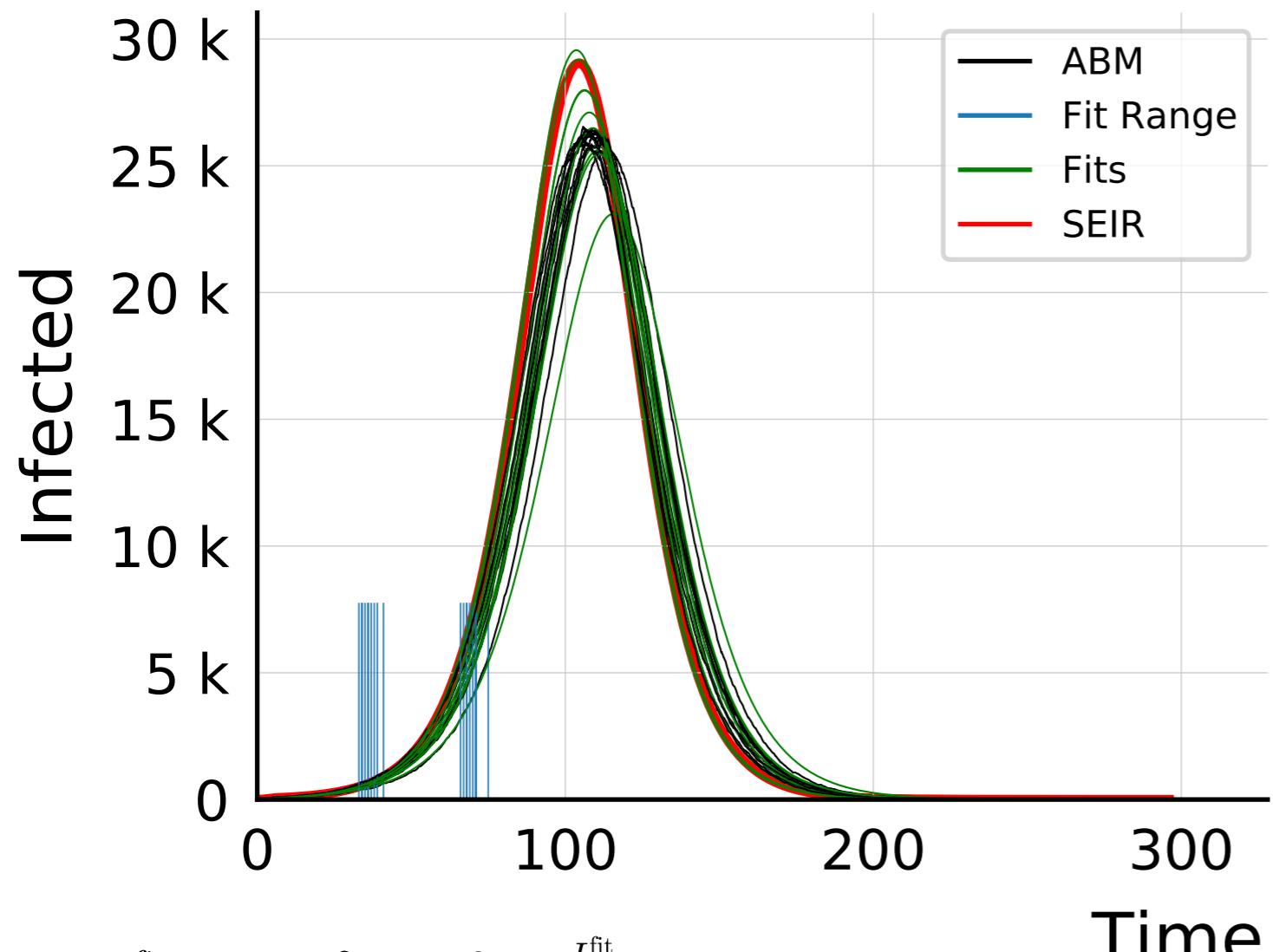
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 2.0$, $\lambda_I = 1.0$, algo = 2, #10



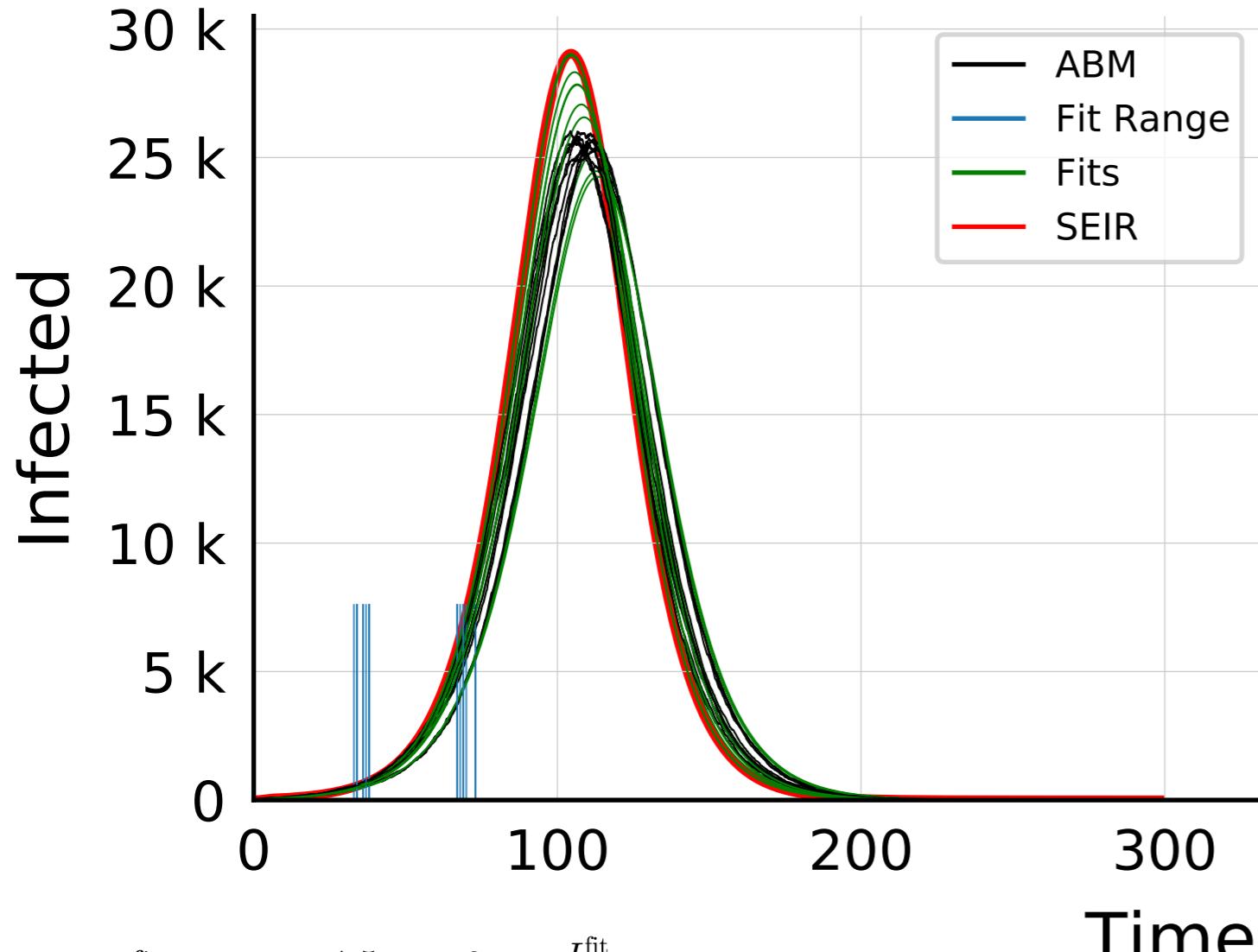
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 4.0$, $\lambda_I = 1.0$, algo = 2, #10



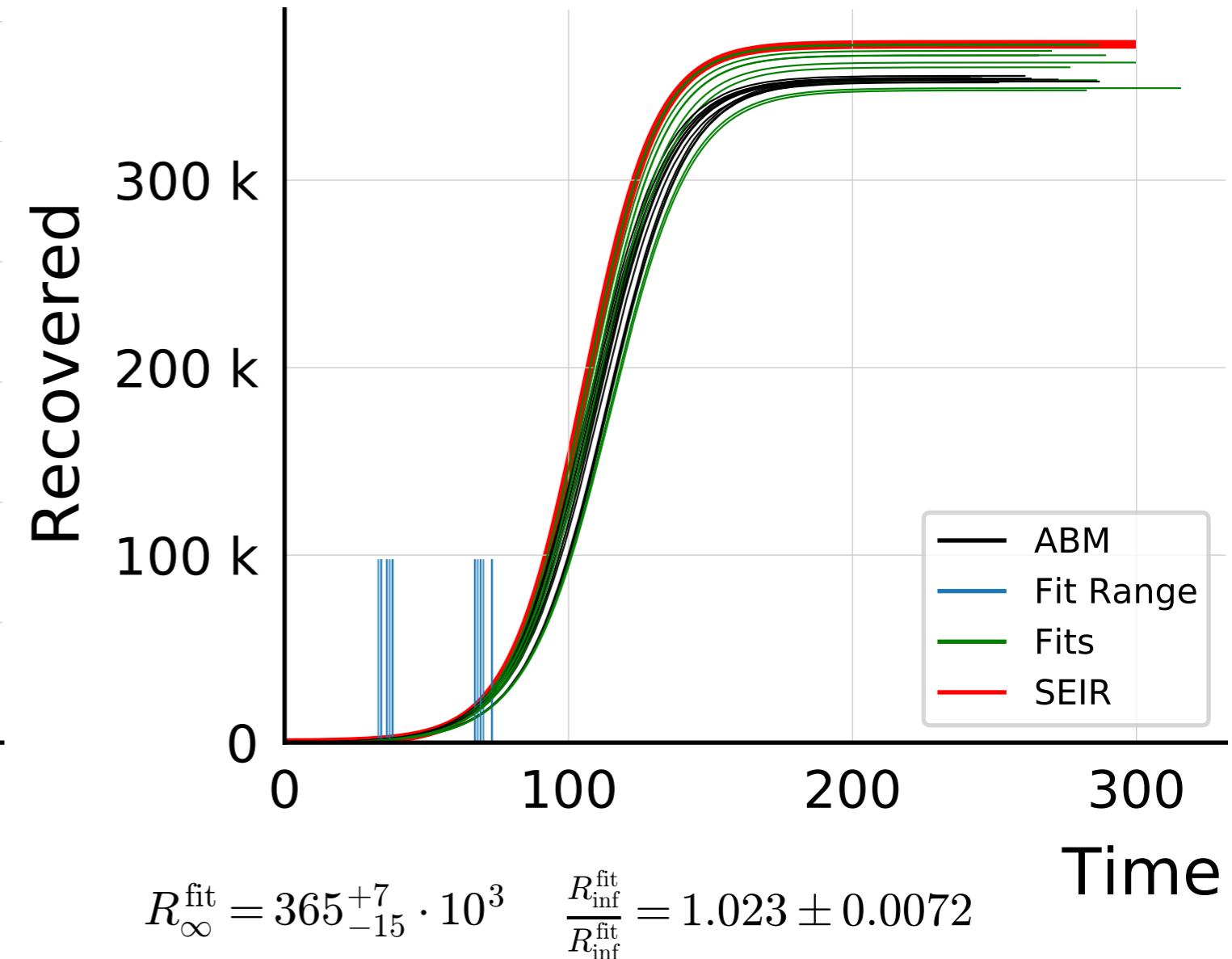
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

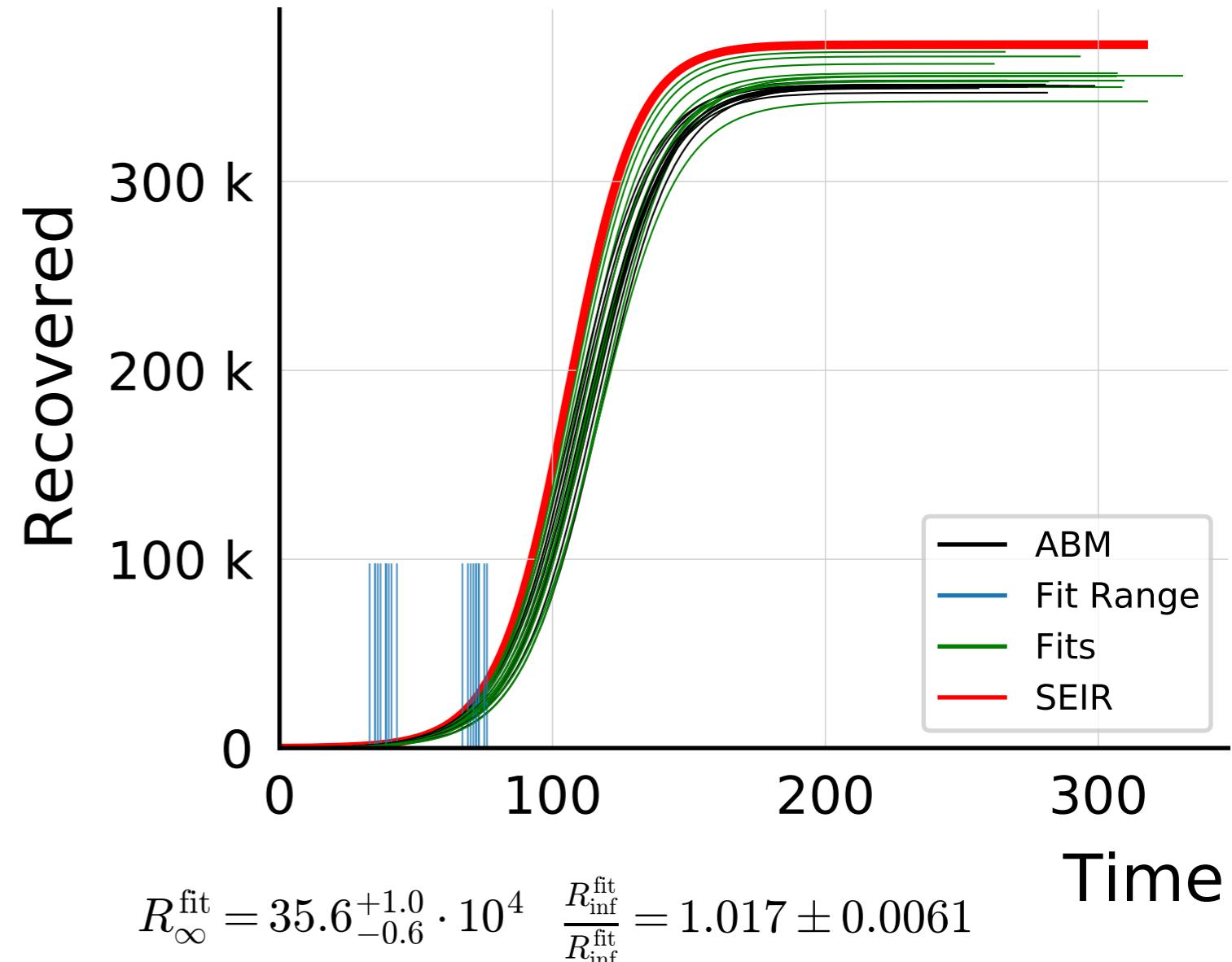
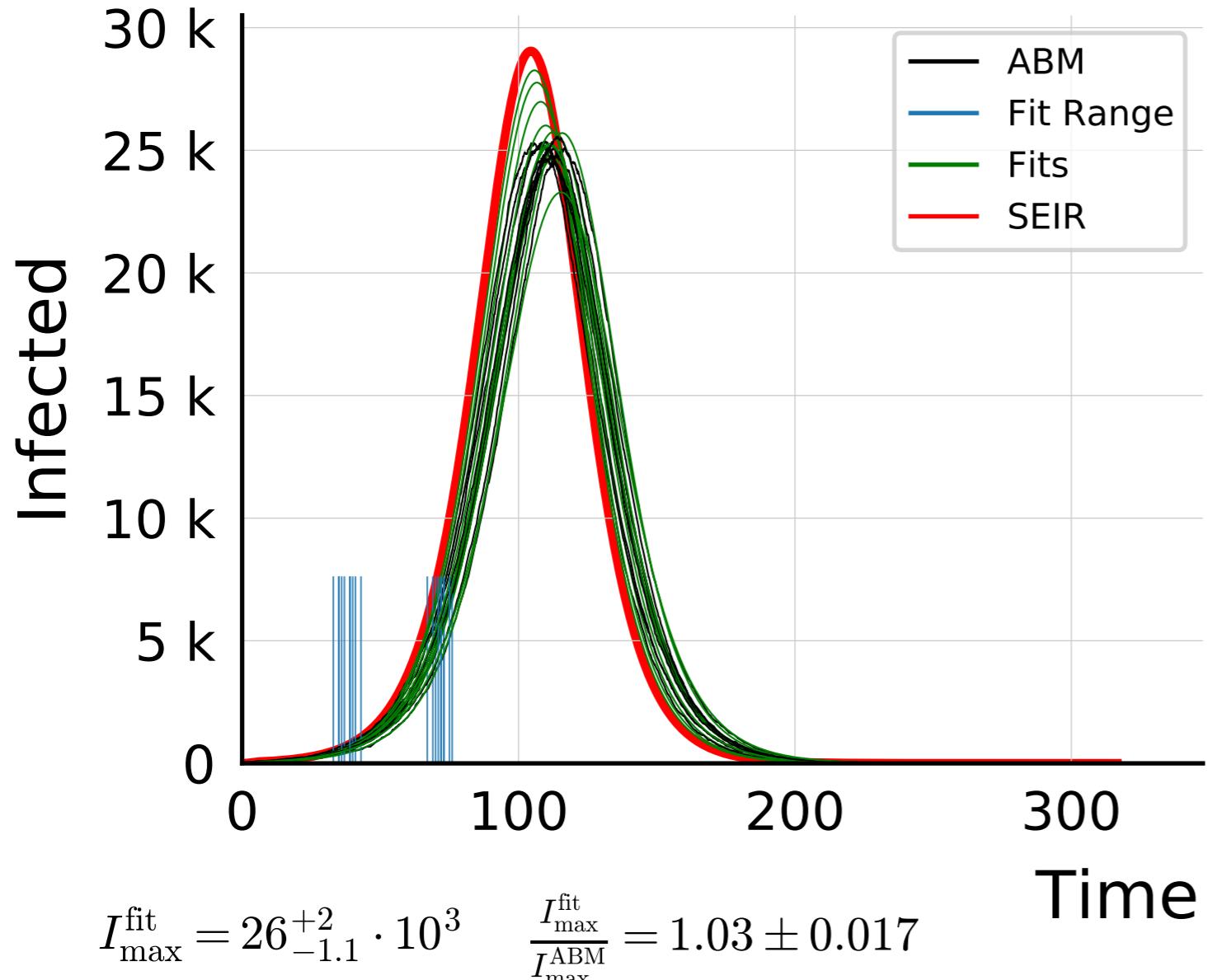


$$I_{\max}^{\text{fit}} = 27_{-3}^{+1.5} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.05 \pm 0.020$$

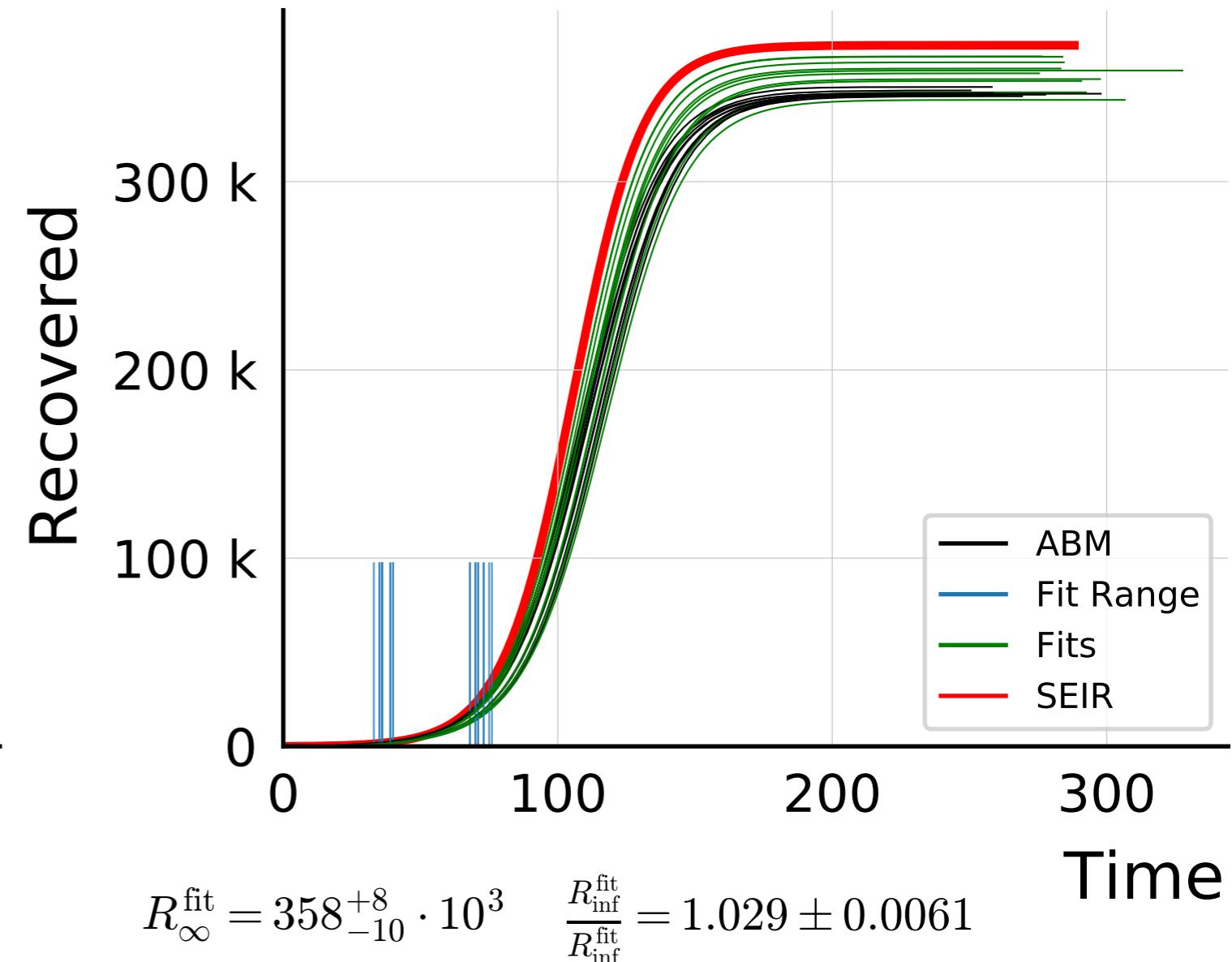
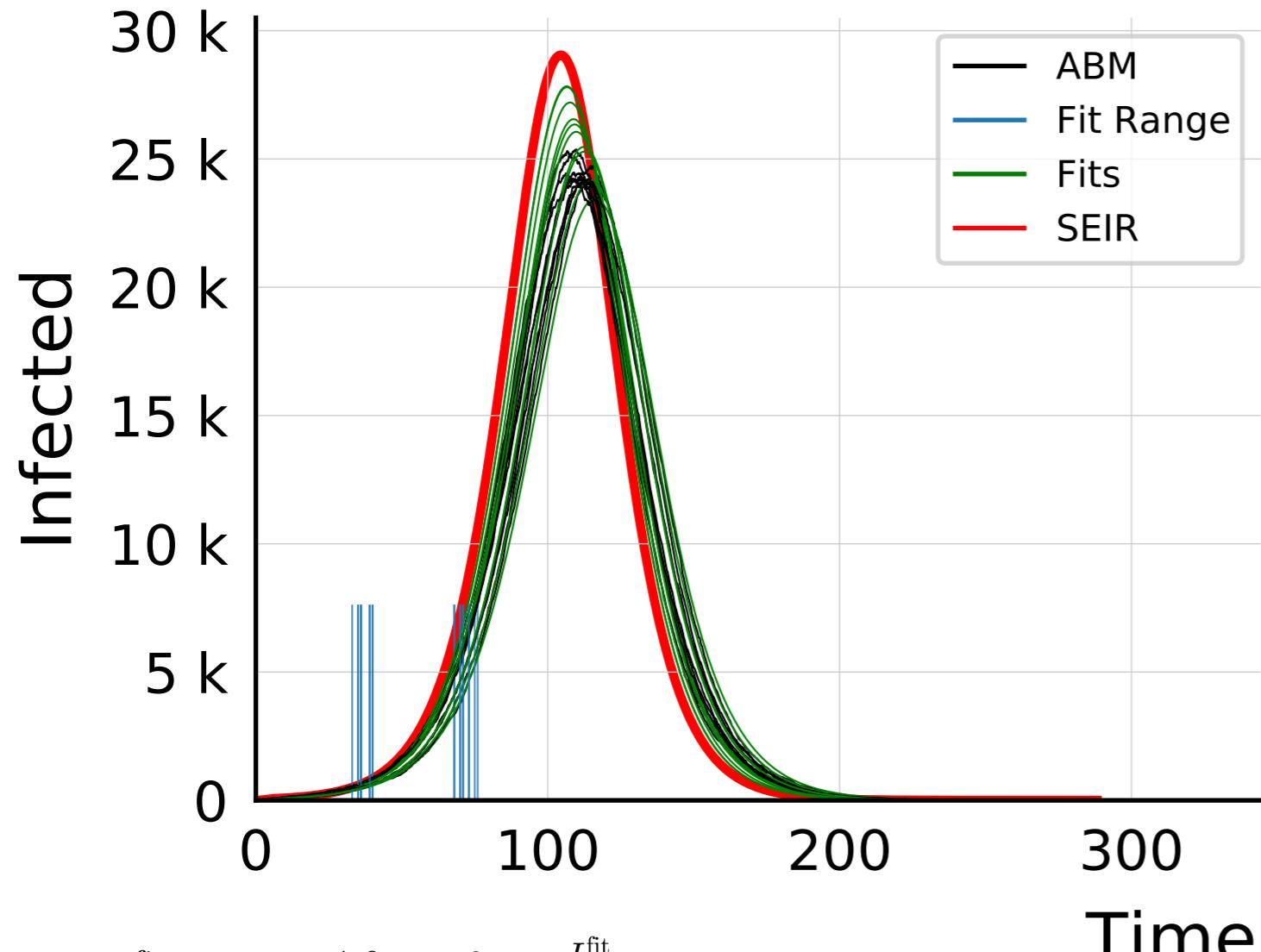


$$R_{\infty}^{\text{fit}} = 365_{-15}^{+7} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.023 \pm 0.0072$$

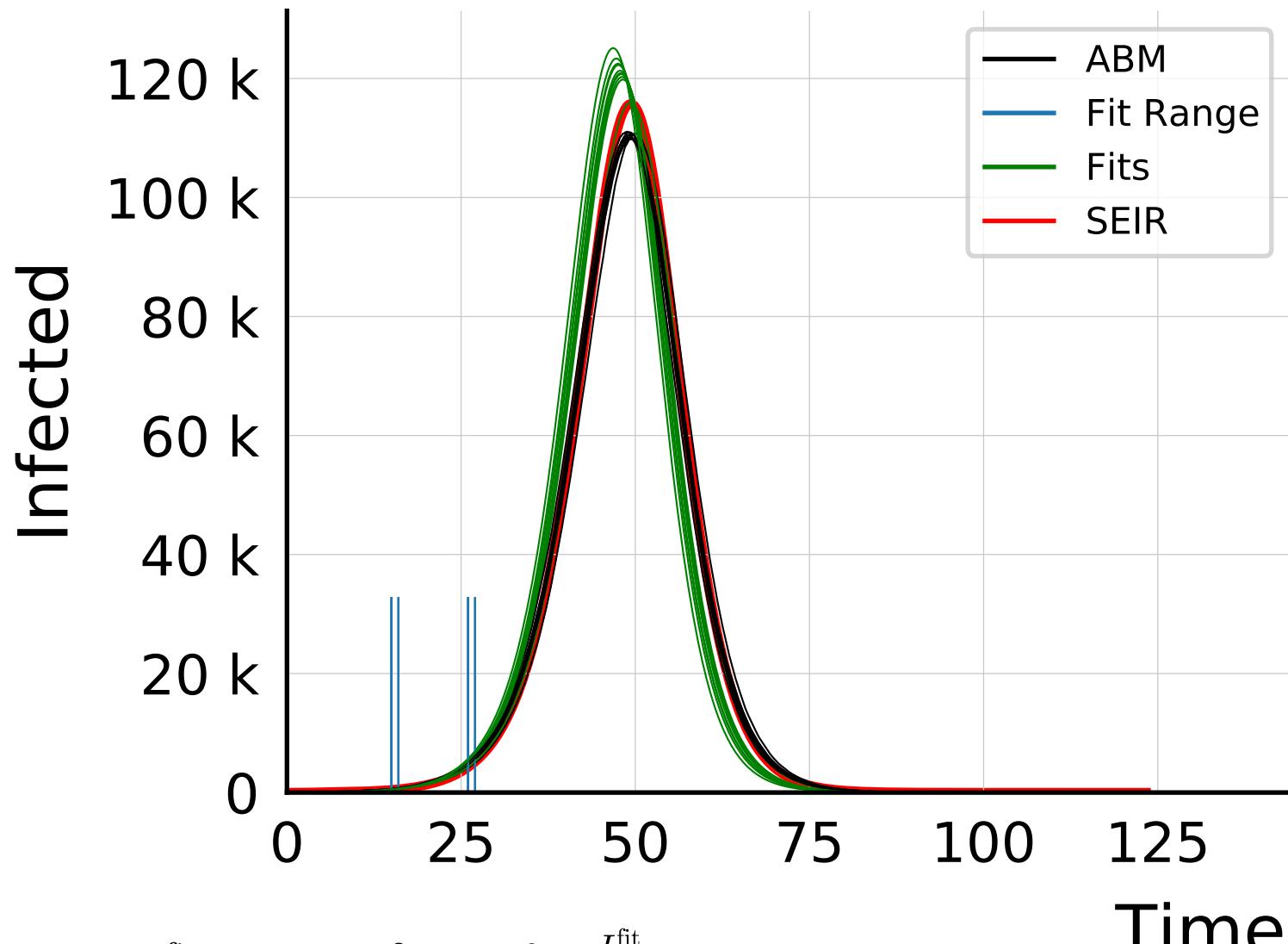
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



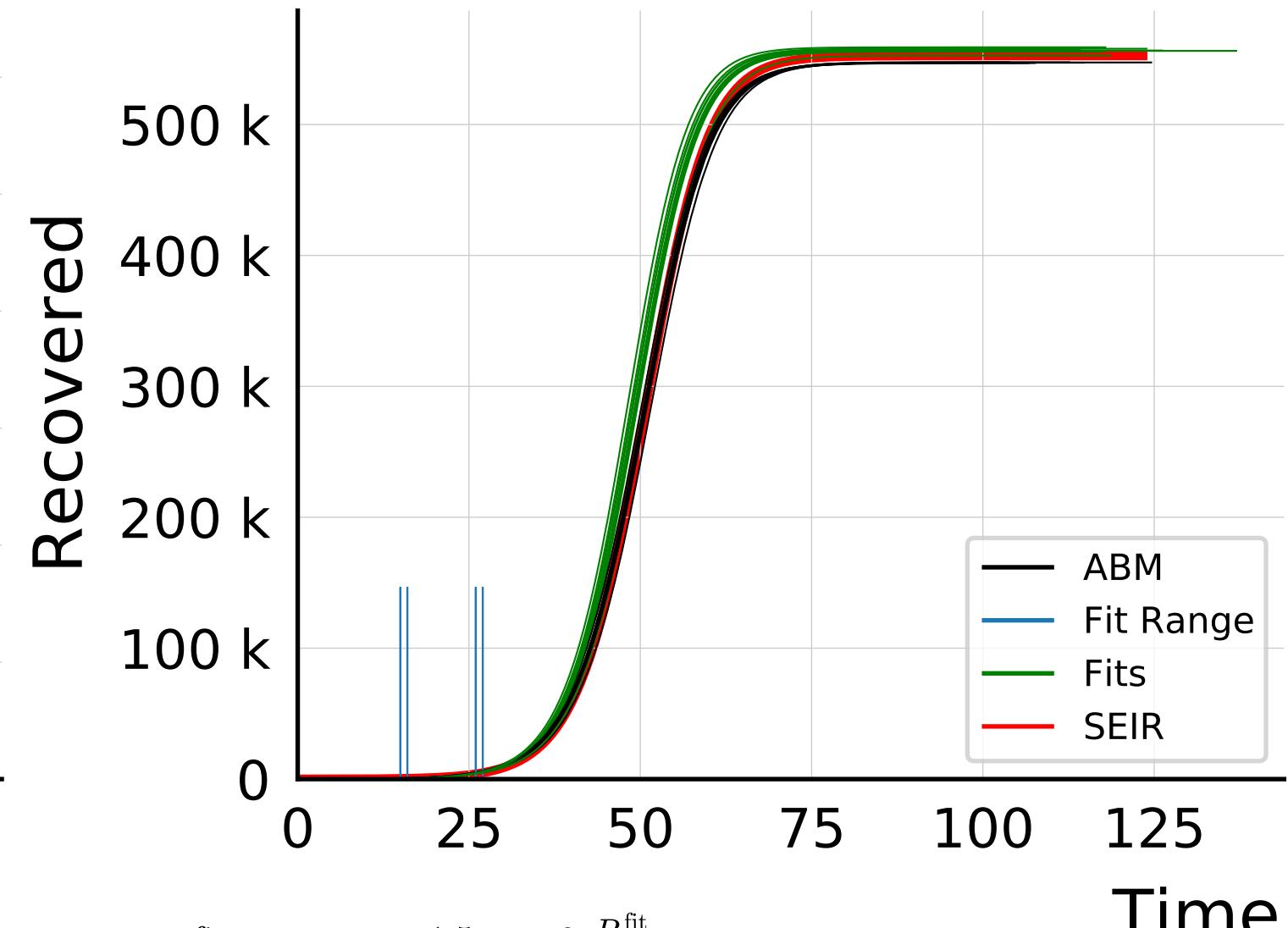
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

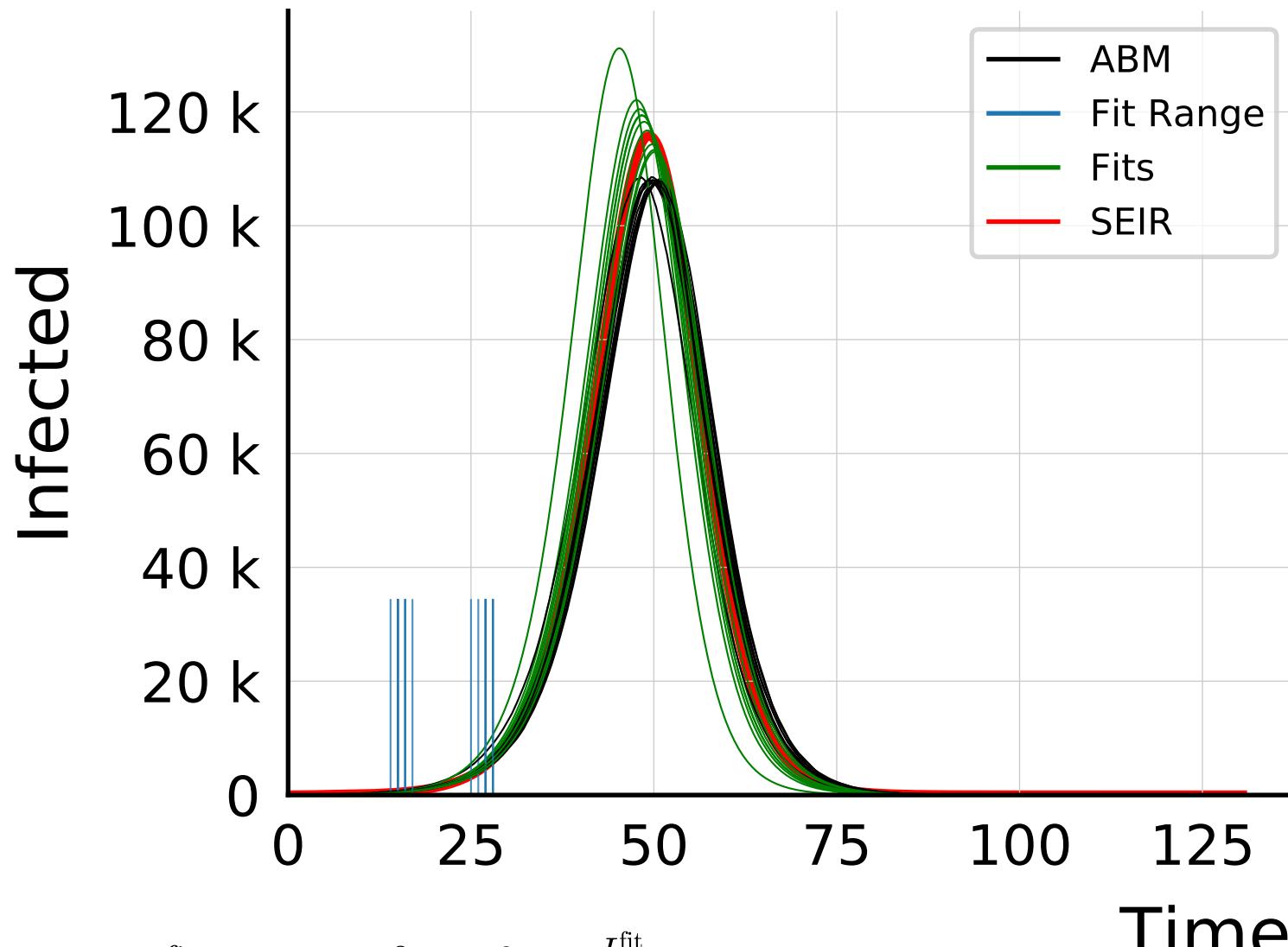


$$I_{\max}^{\text{fit}} = 121^{+2}_{-1.3} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.097 \pm 0.0065$$



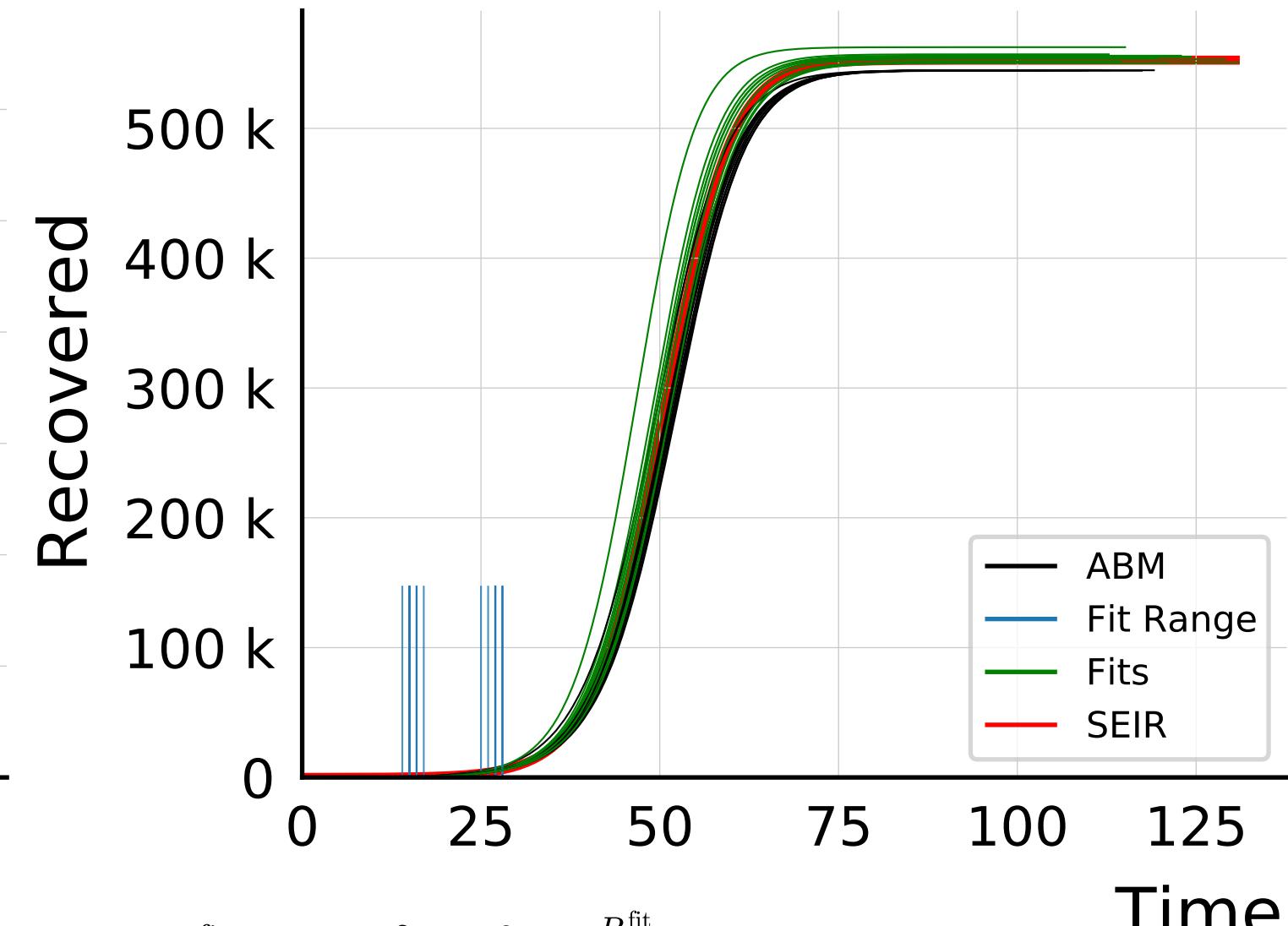
$$R_{\infty}^{\text{fit}} = 556.4^{+1.5}_{-0.9} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.0167 \pm 0.00089$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 119^{+3}_{-5} \cdot 10^3$$

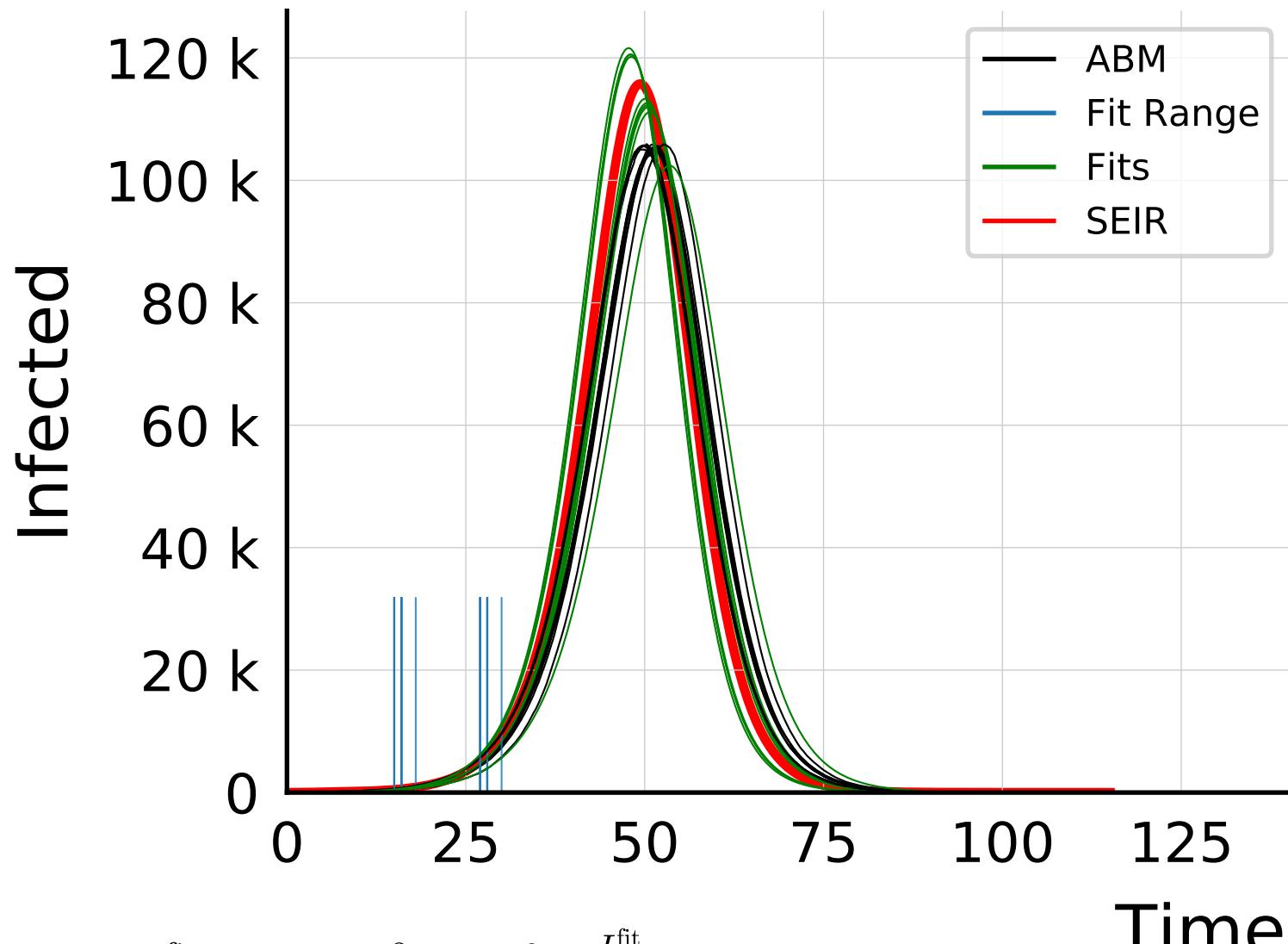
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.1 \pm 0.014$$



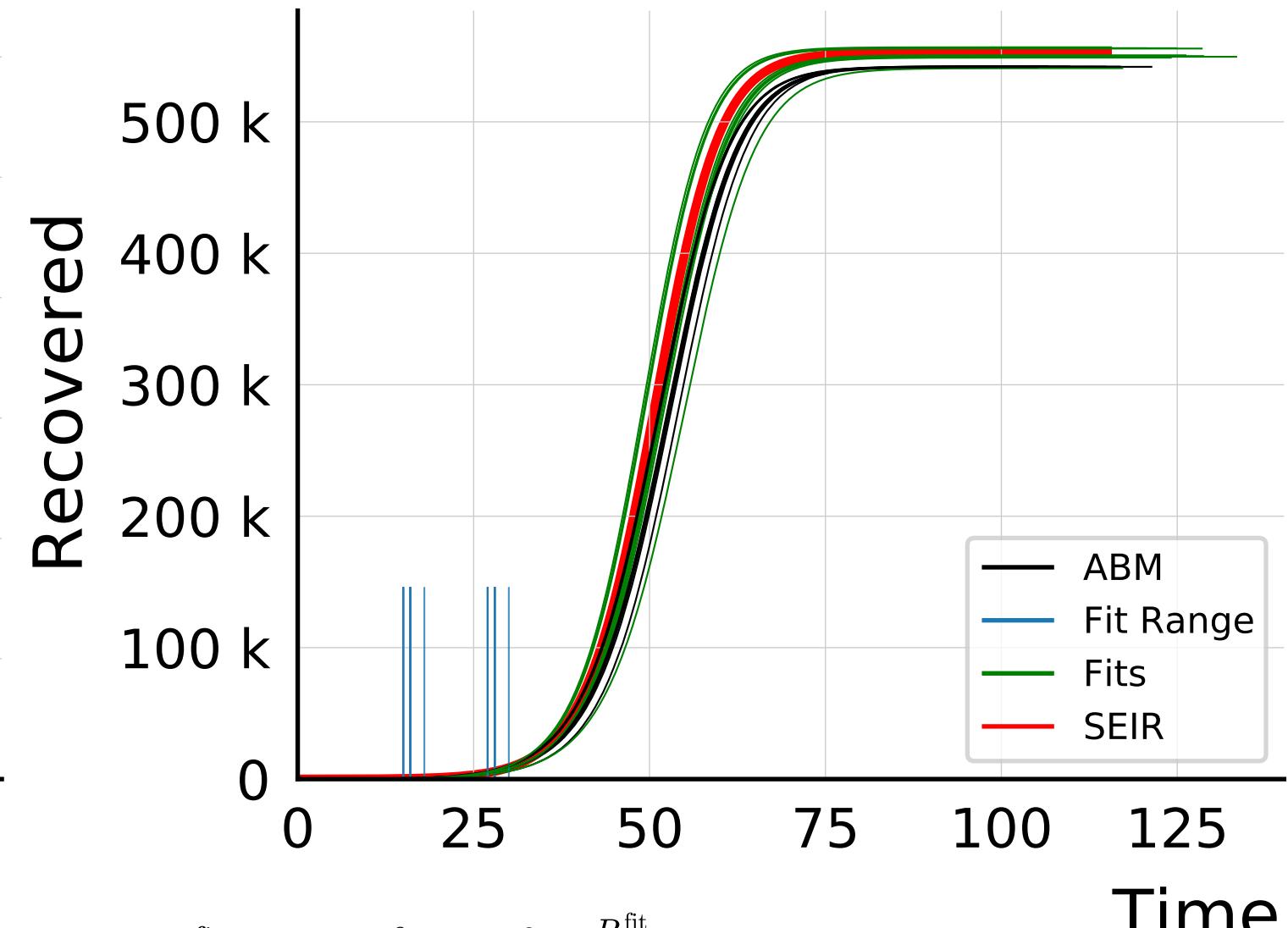
$$R_{\infty}^{\text{fit}} = 555^{+2}_{-4} \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.018 \pm 0.0020$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

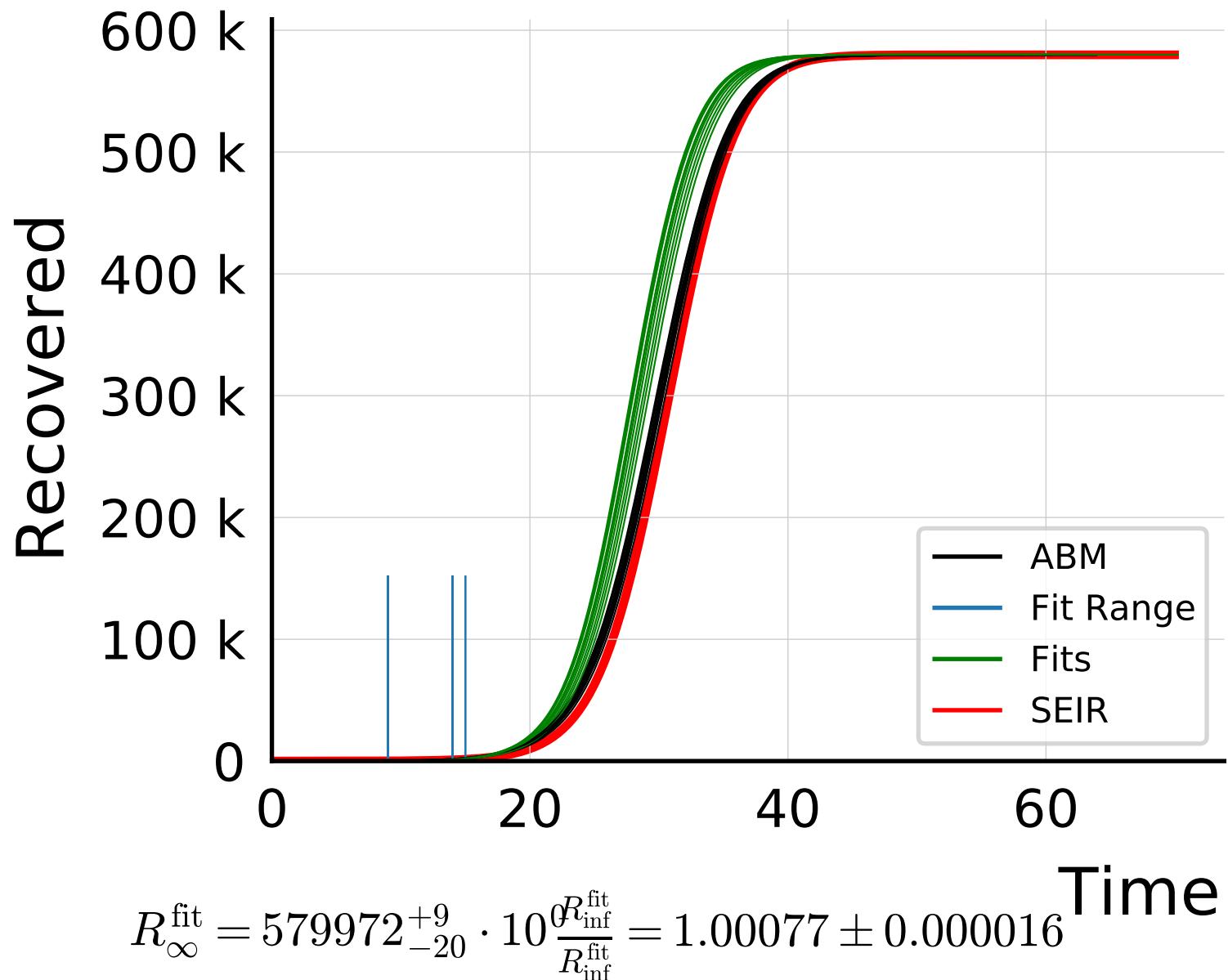
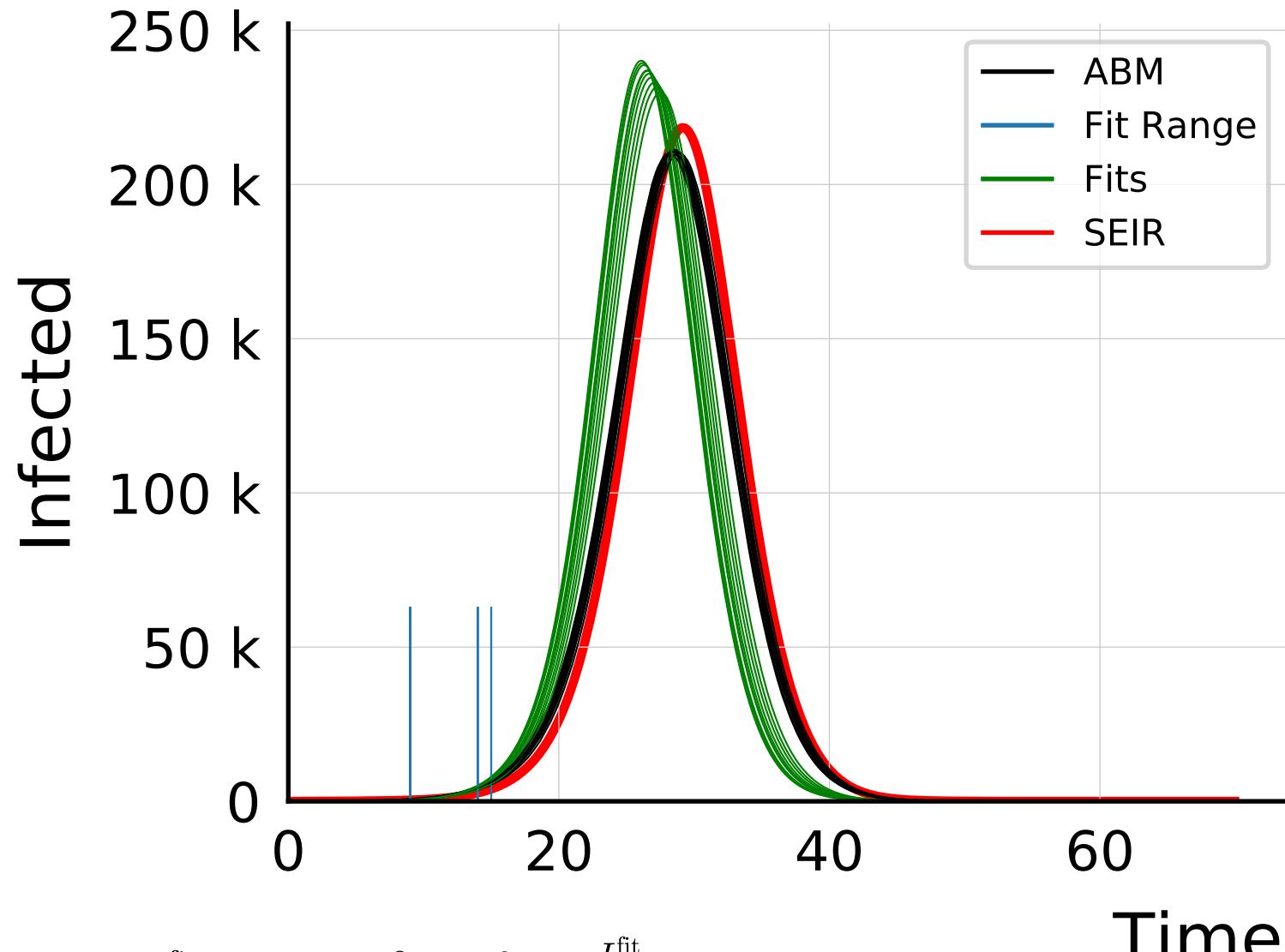


$$I_{\max}^{\text{fit}} = 113^{+8}_{-1.7} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.09 \pm 0.017$$

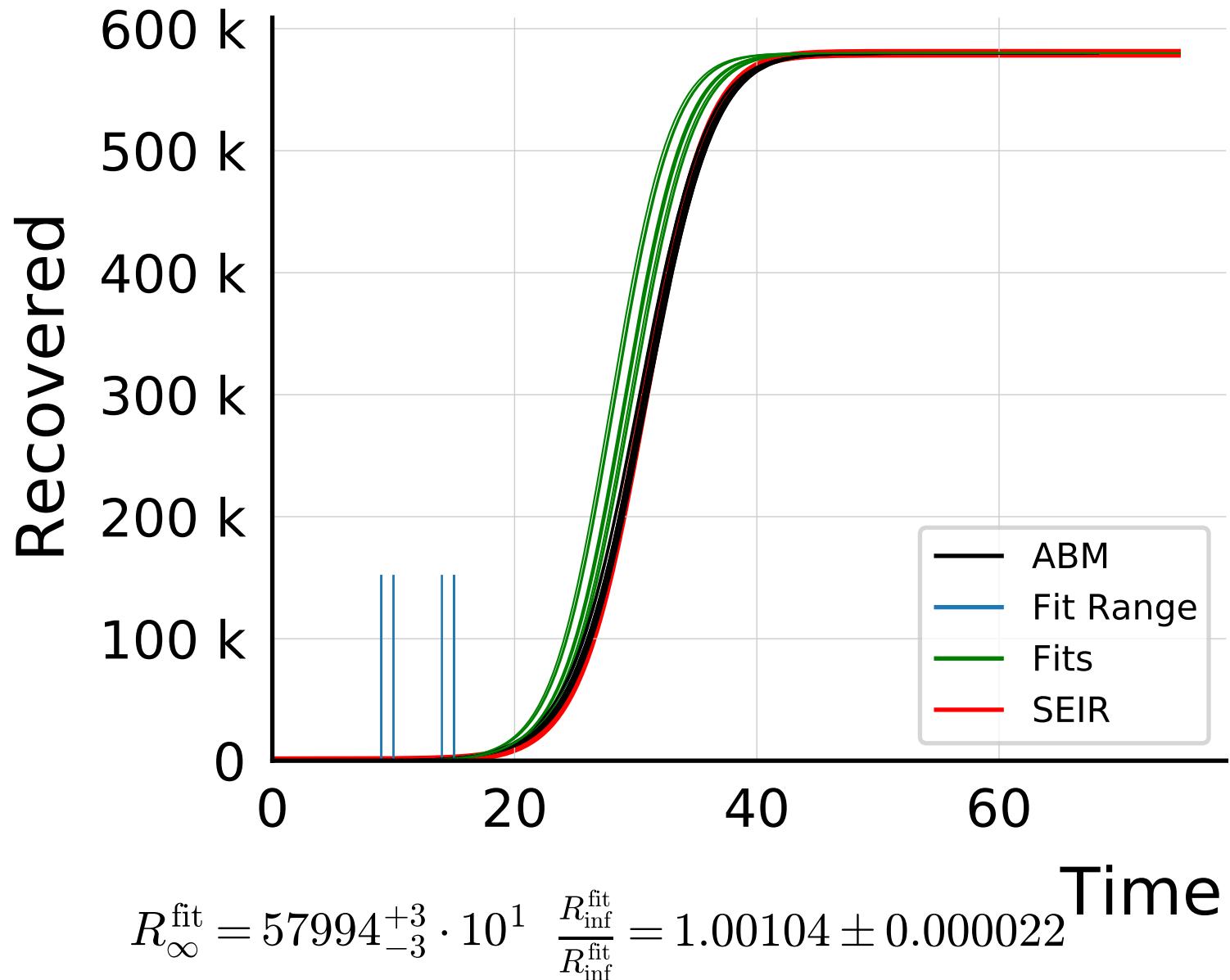
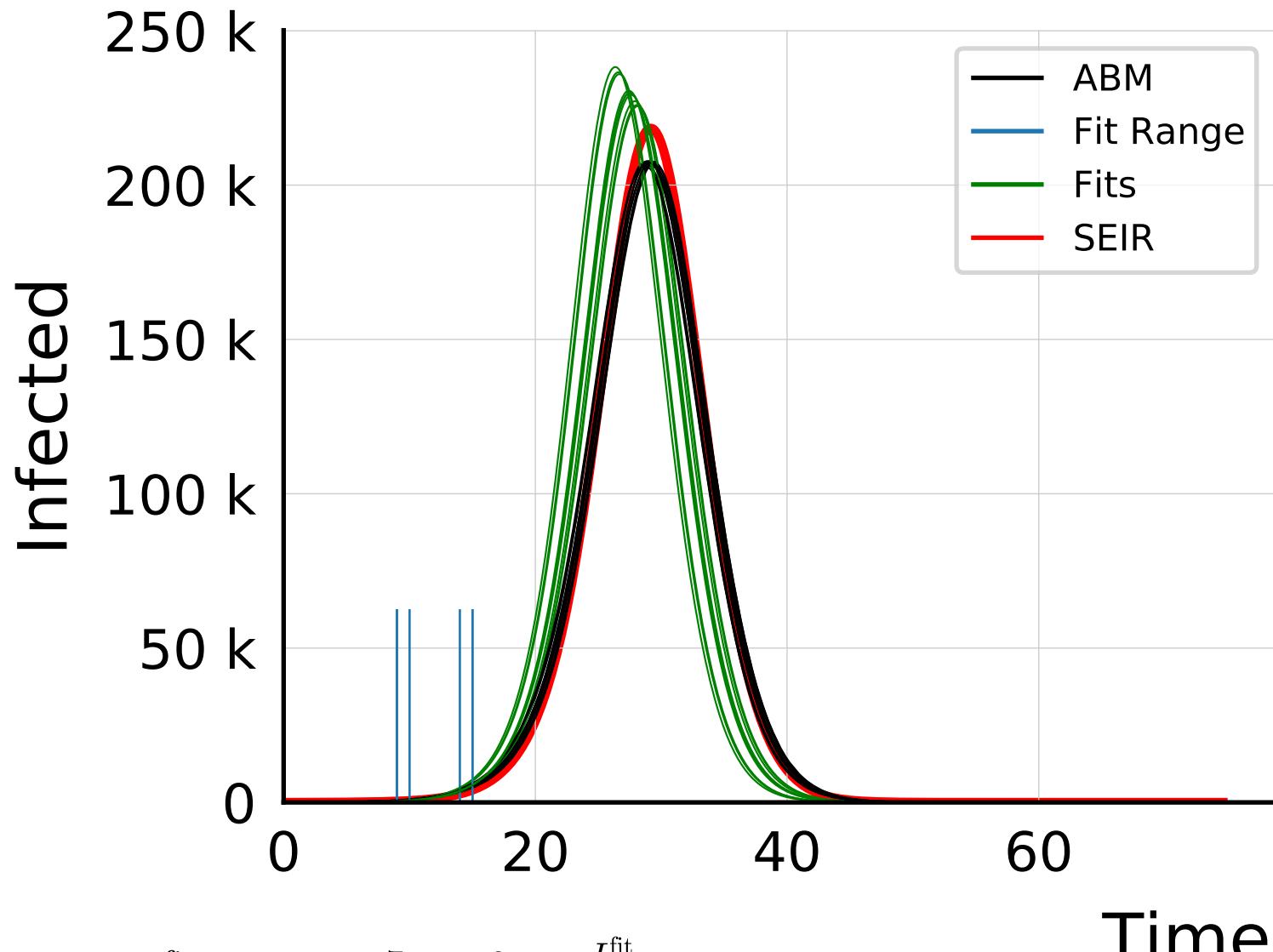


$$R_{\infty}^{\text{fit}} = 550^{+6}_{-1.4} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.018 \pm 0.0028$$

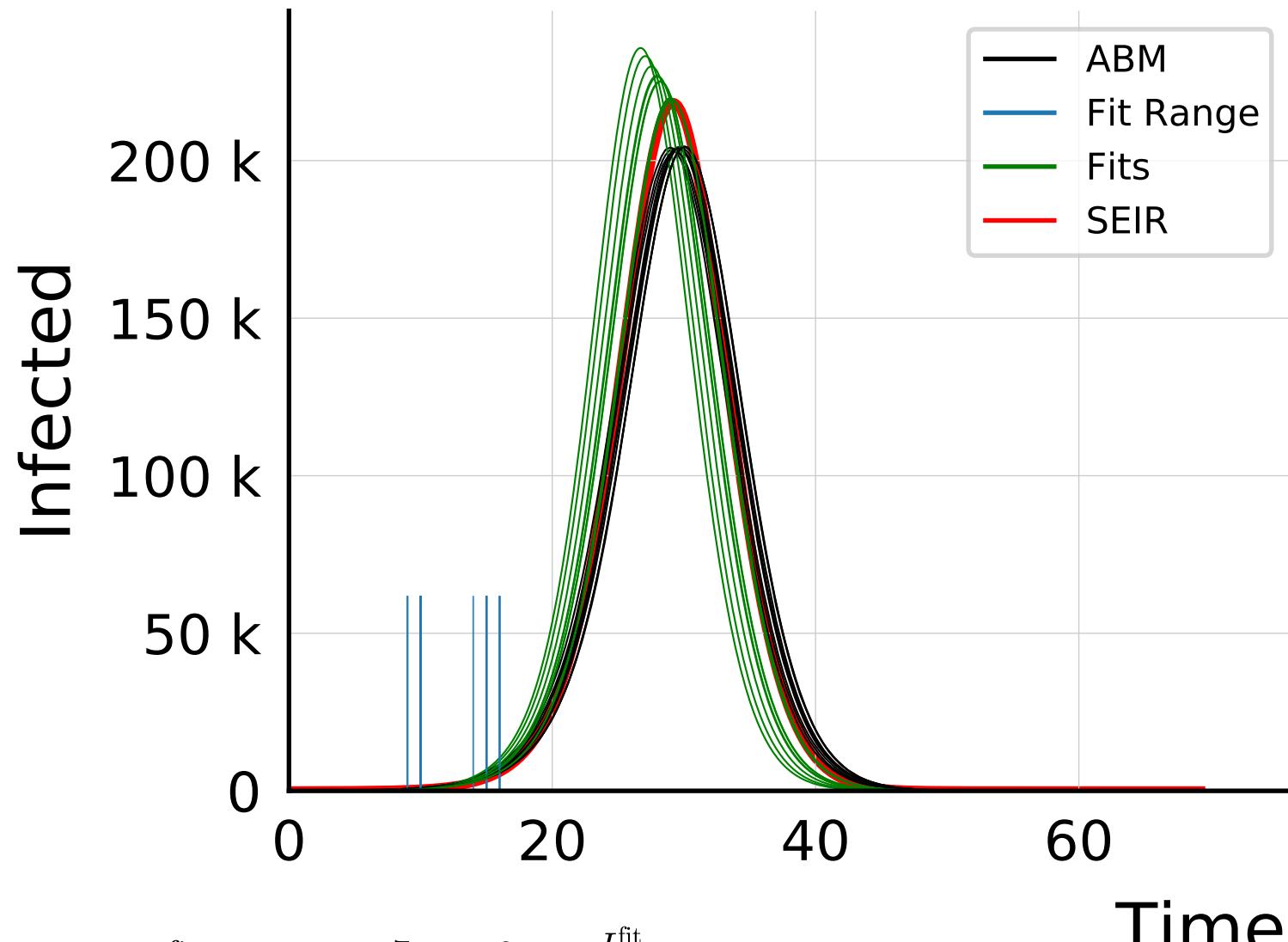
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.05$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



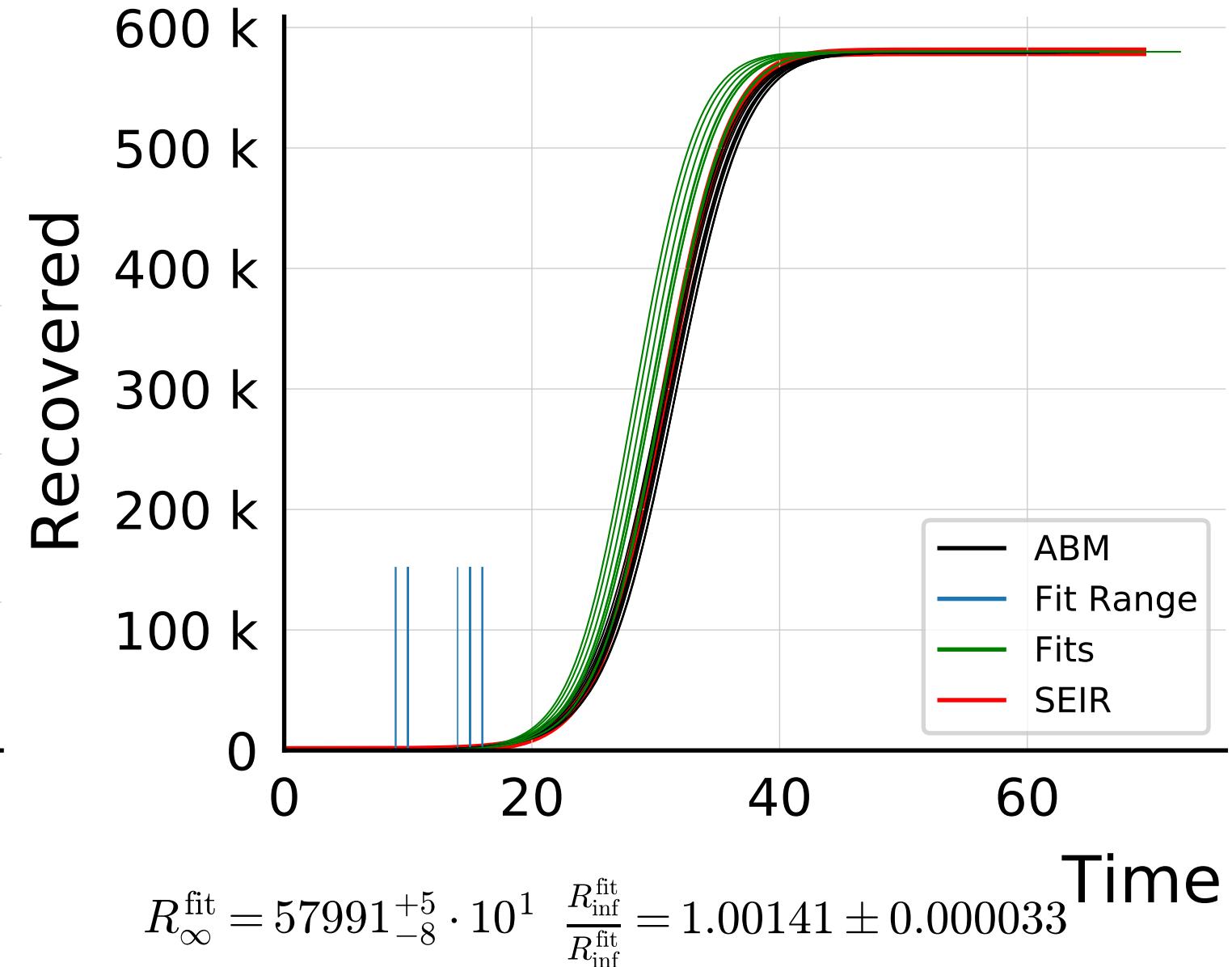
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.05$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.05$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

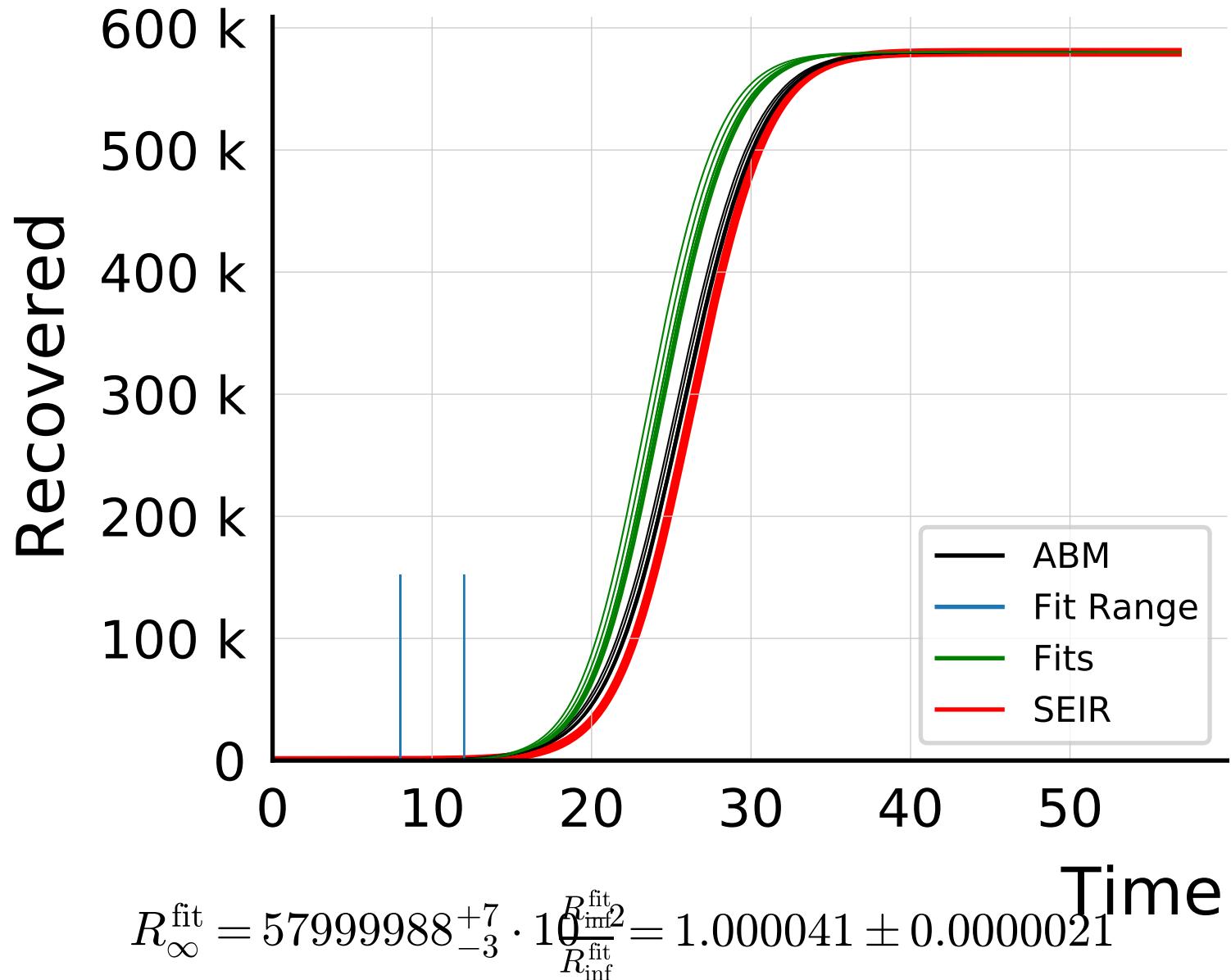
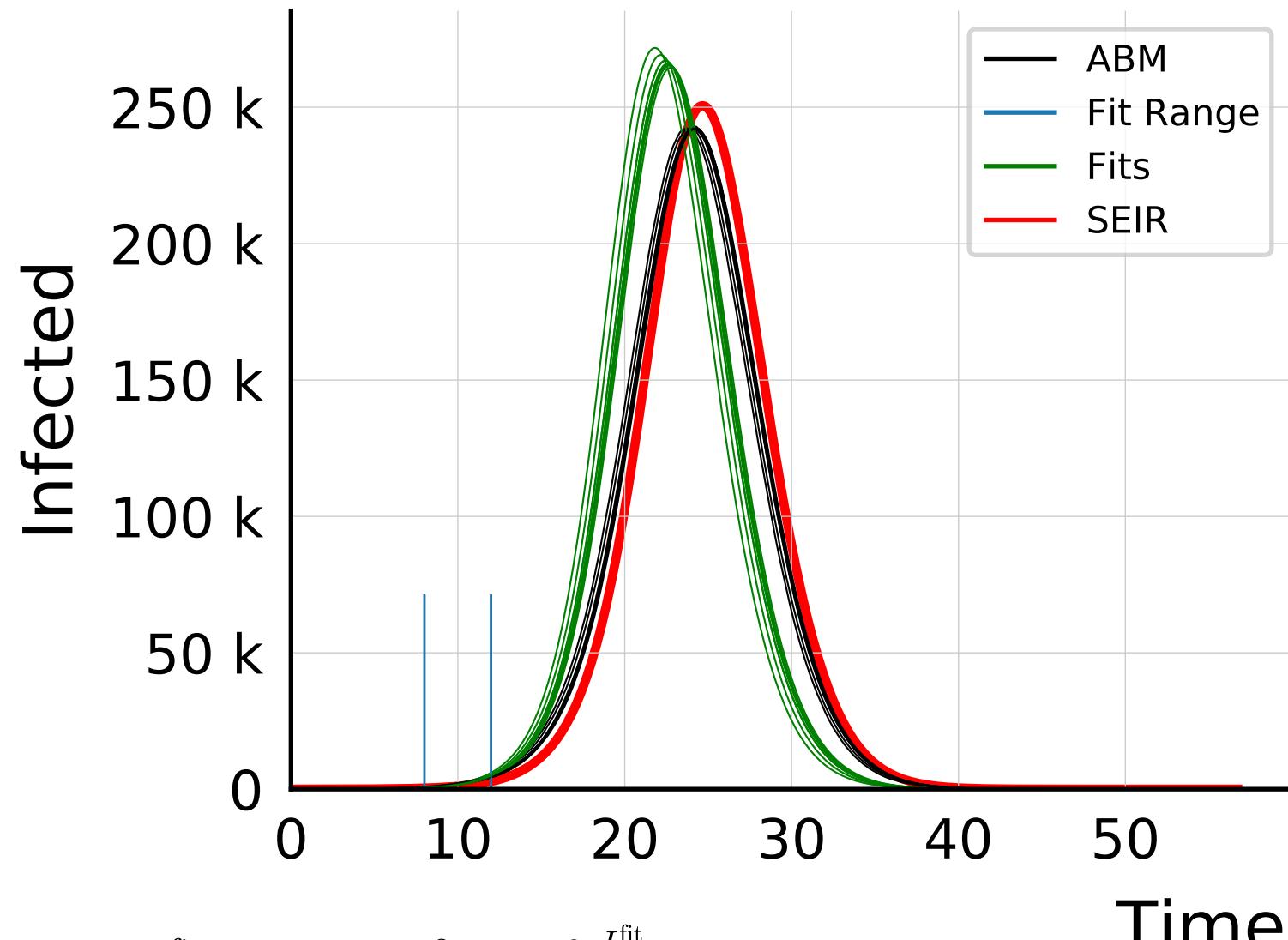


$$I_{\max}^{\text{fit}} = 226_{-7}^{+7} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.108 \pm 0.0088$$

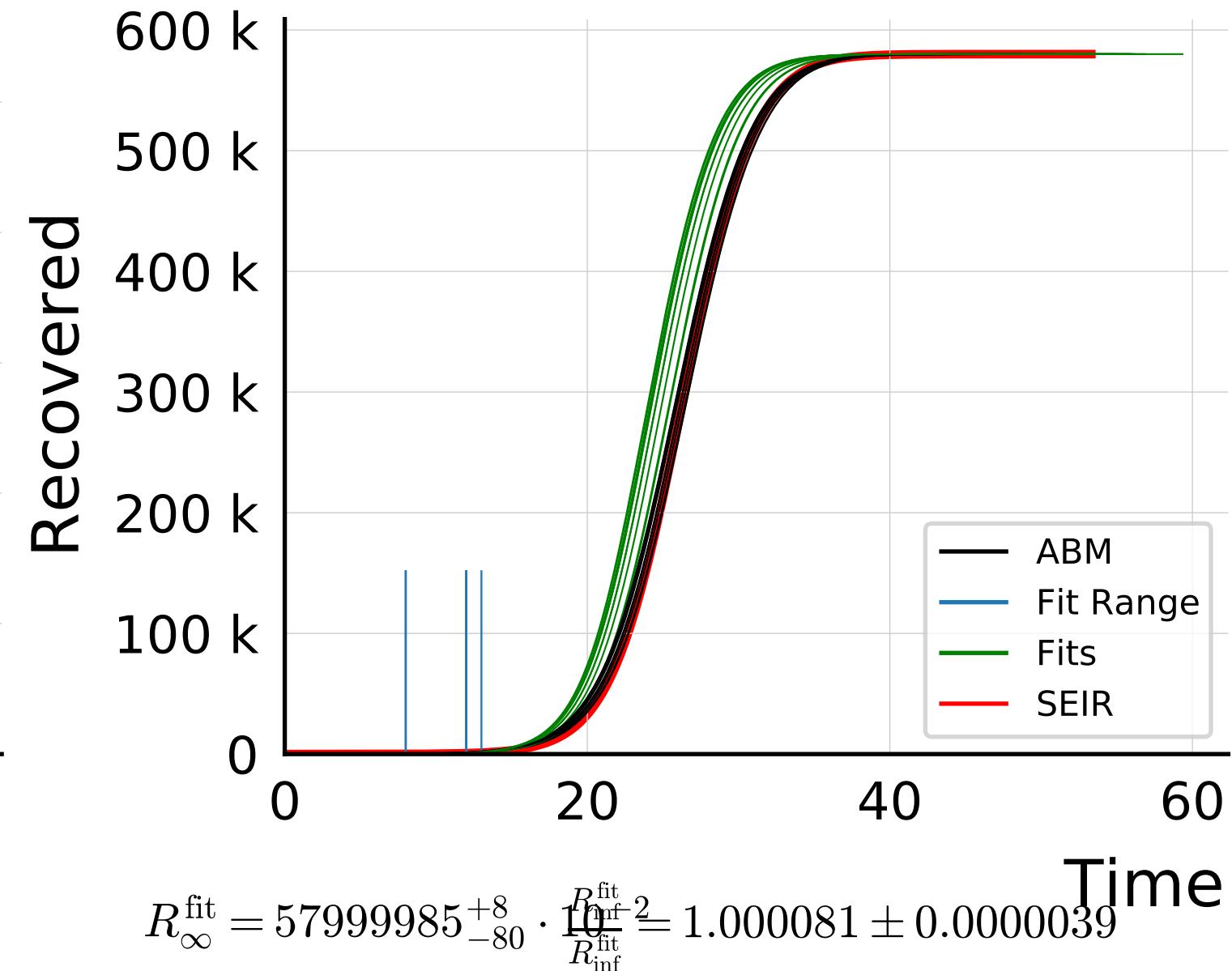
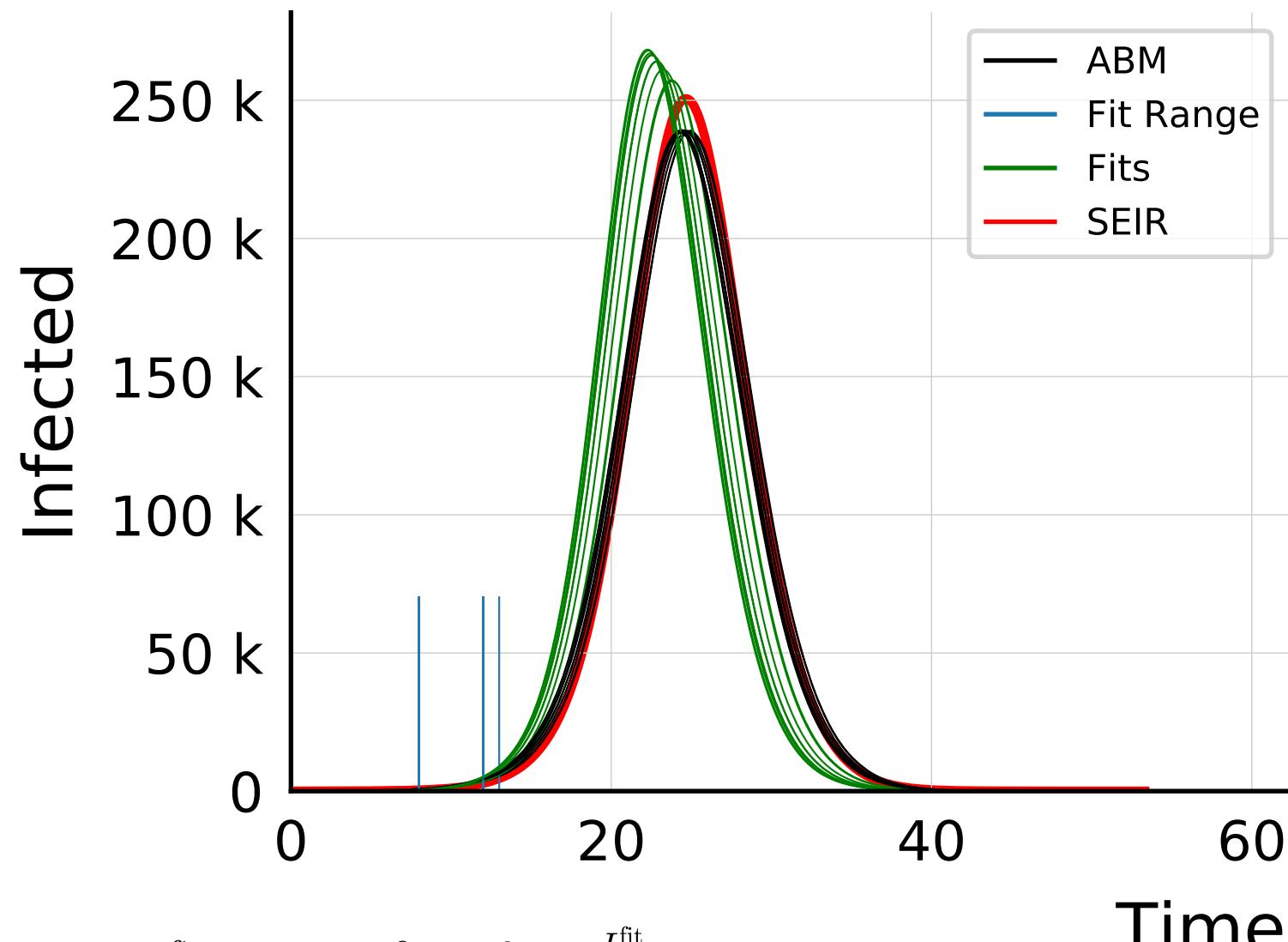


$$R_{\infty}^{\text{fit}} = 57991_{-8}^{+5} \cdot 10^1 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.00141 \pm 0.000033$$

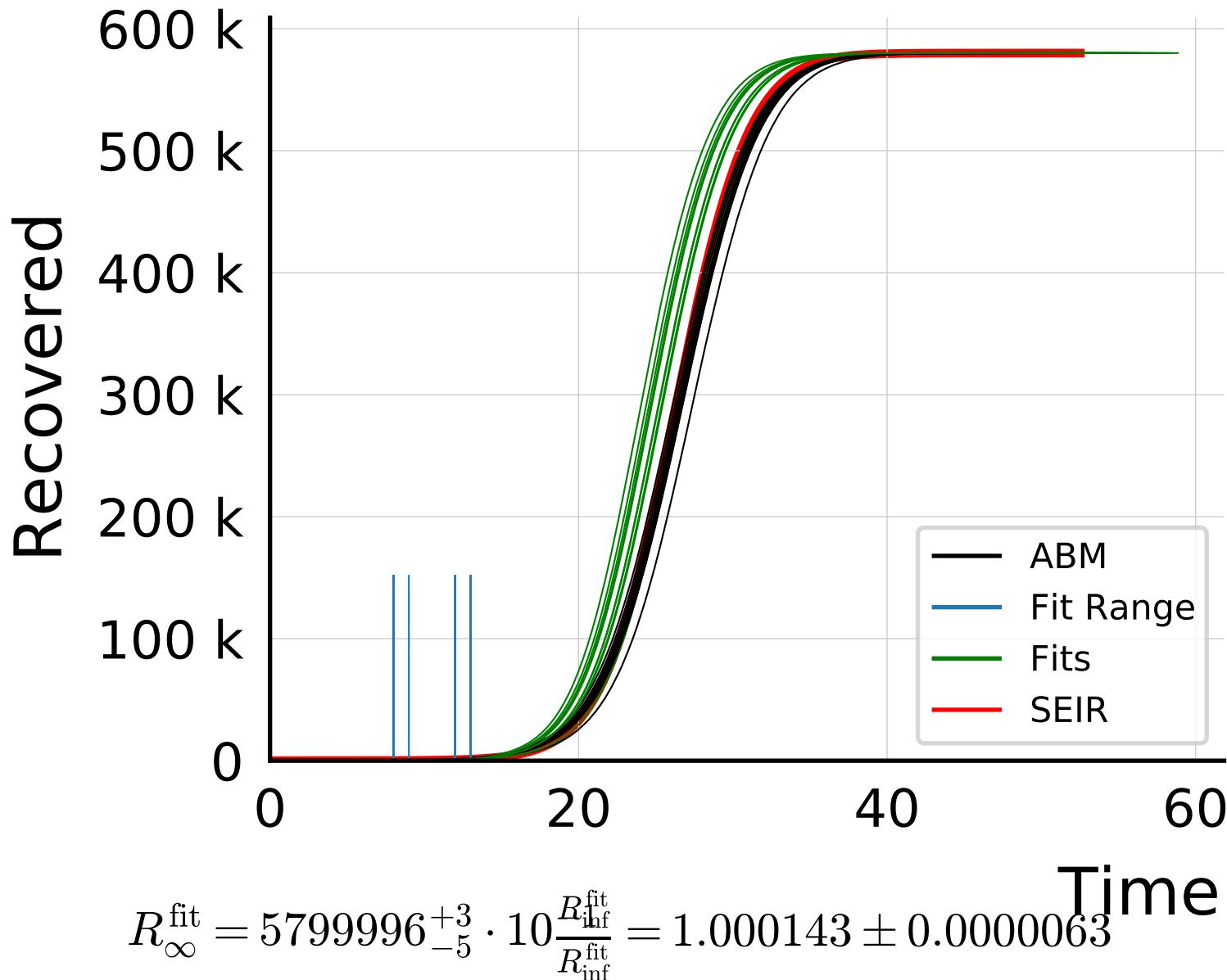
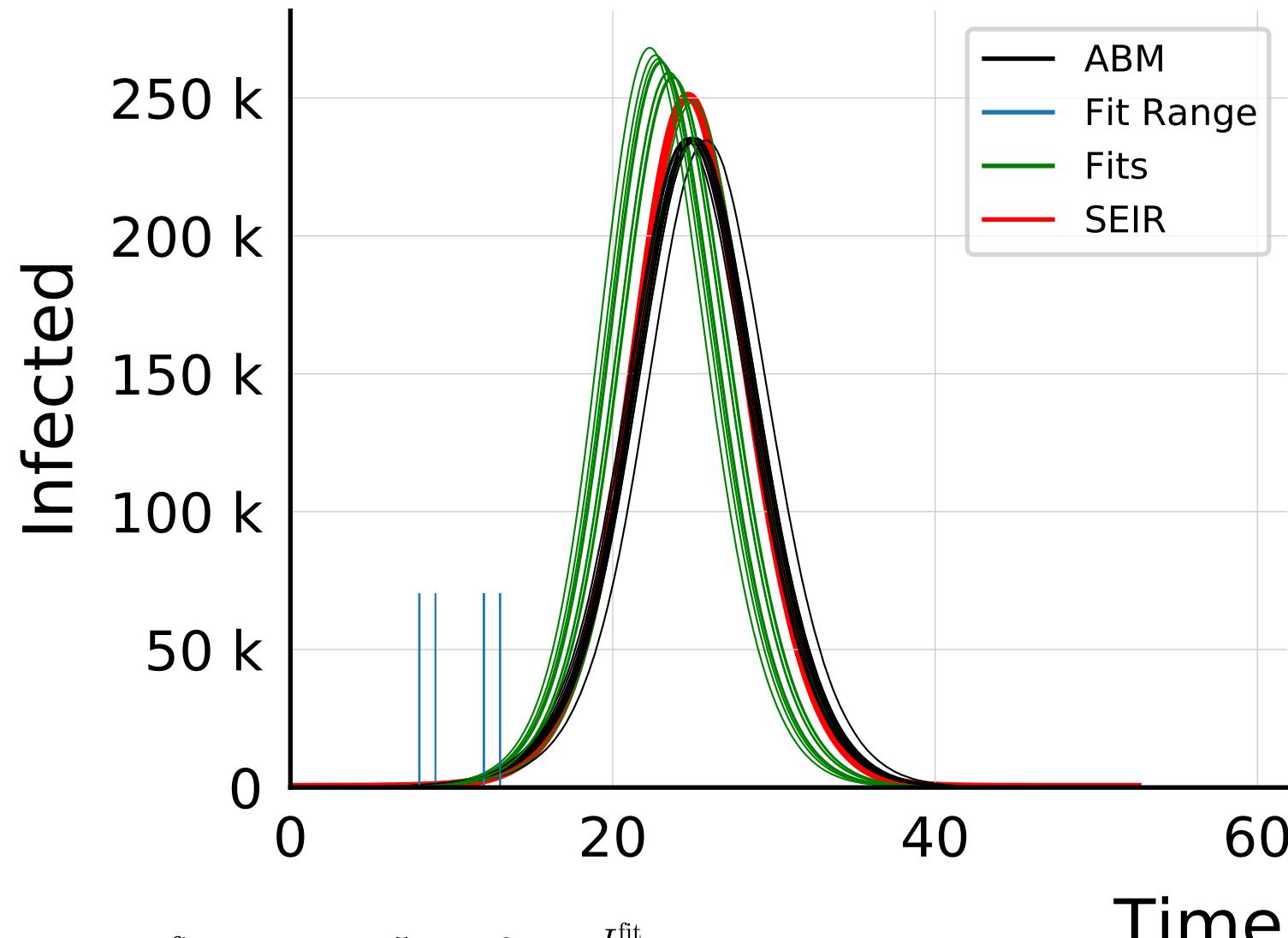
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.075$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



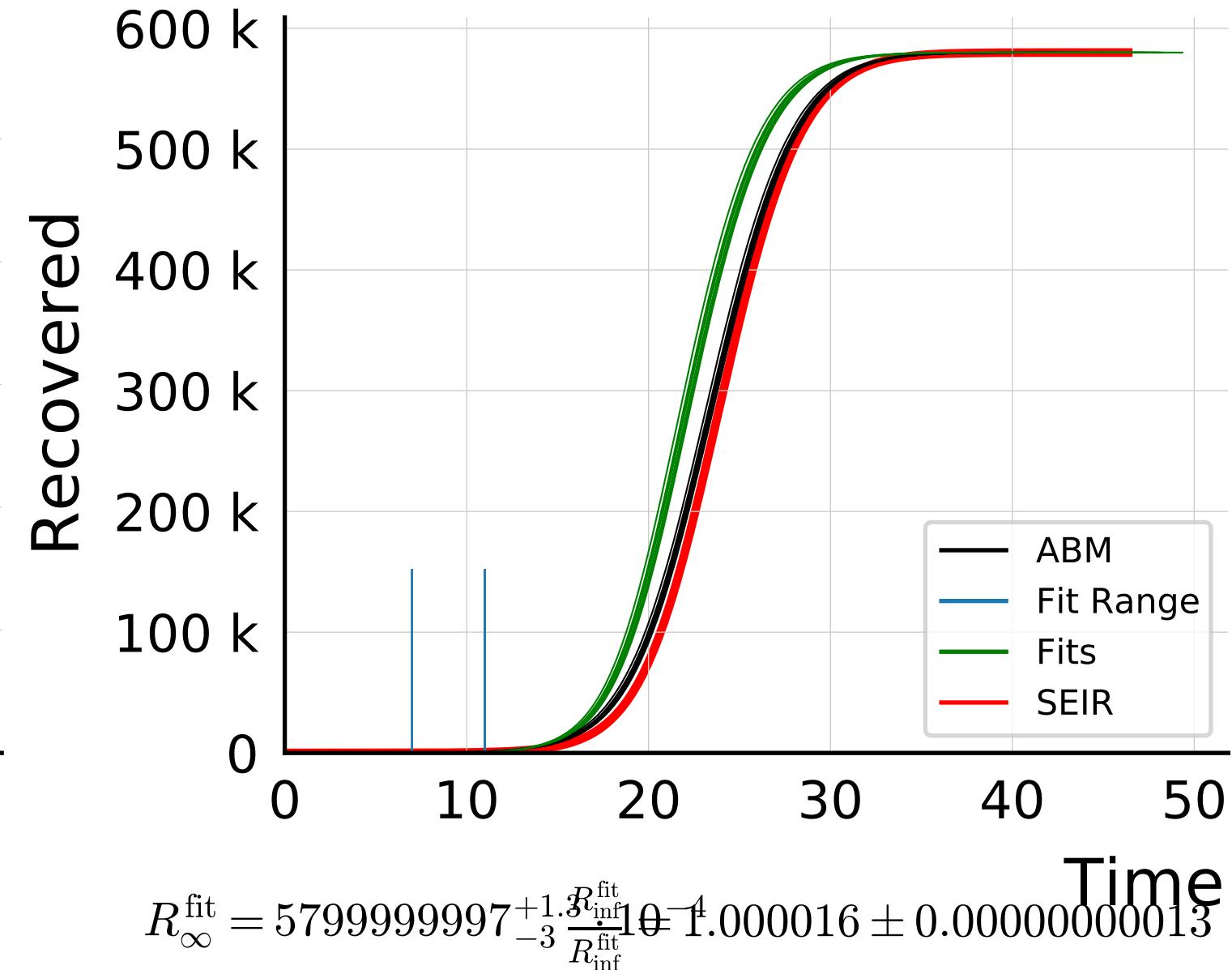
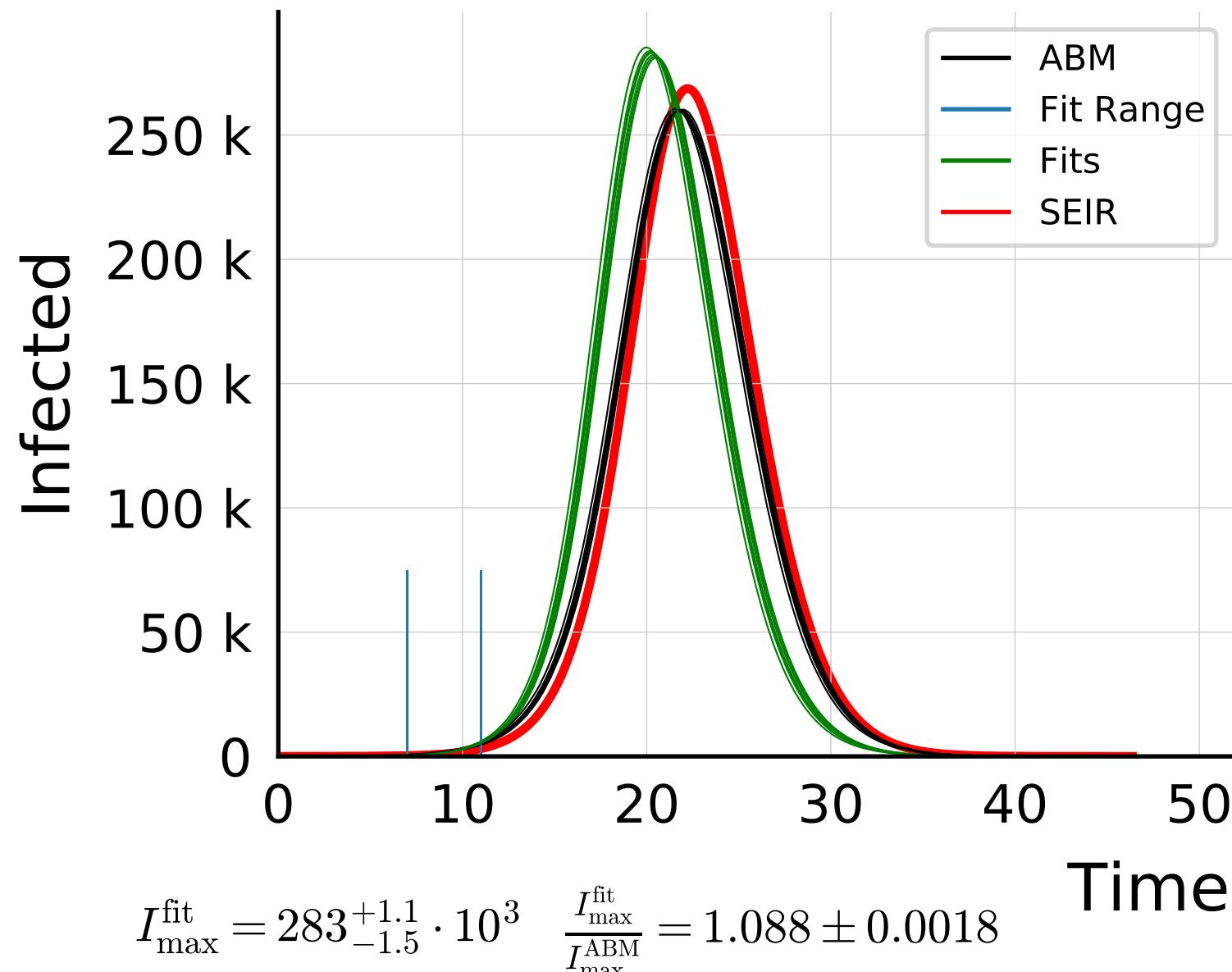
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.075$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



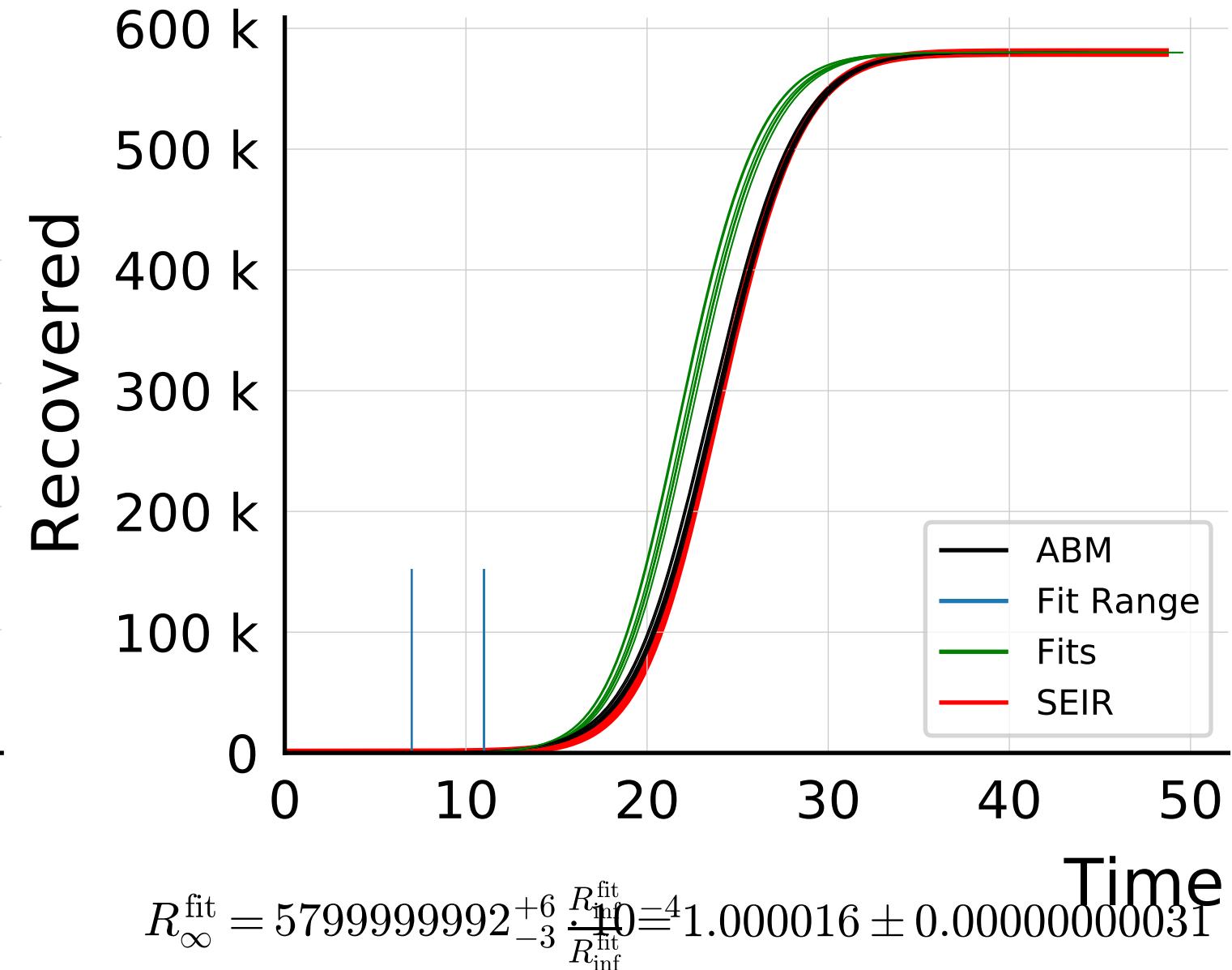
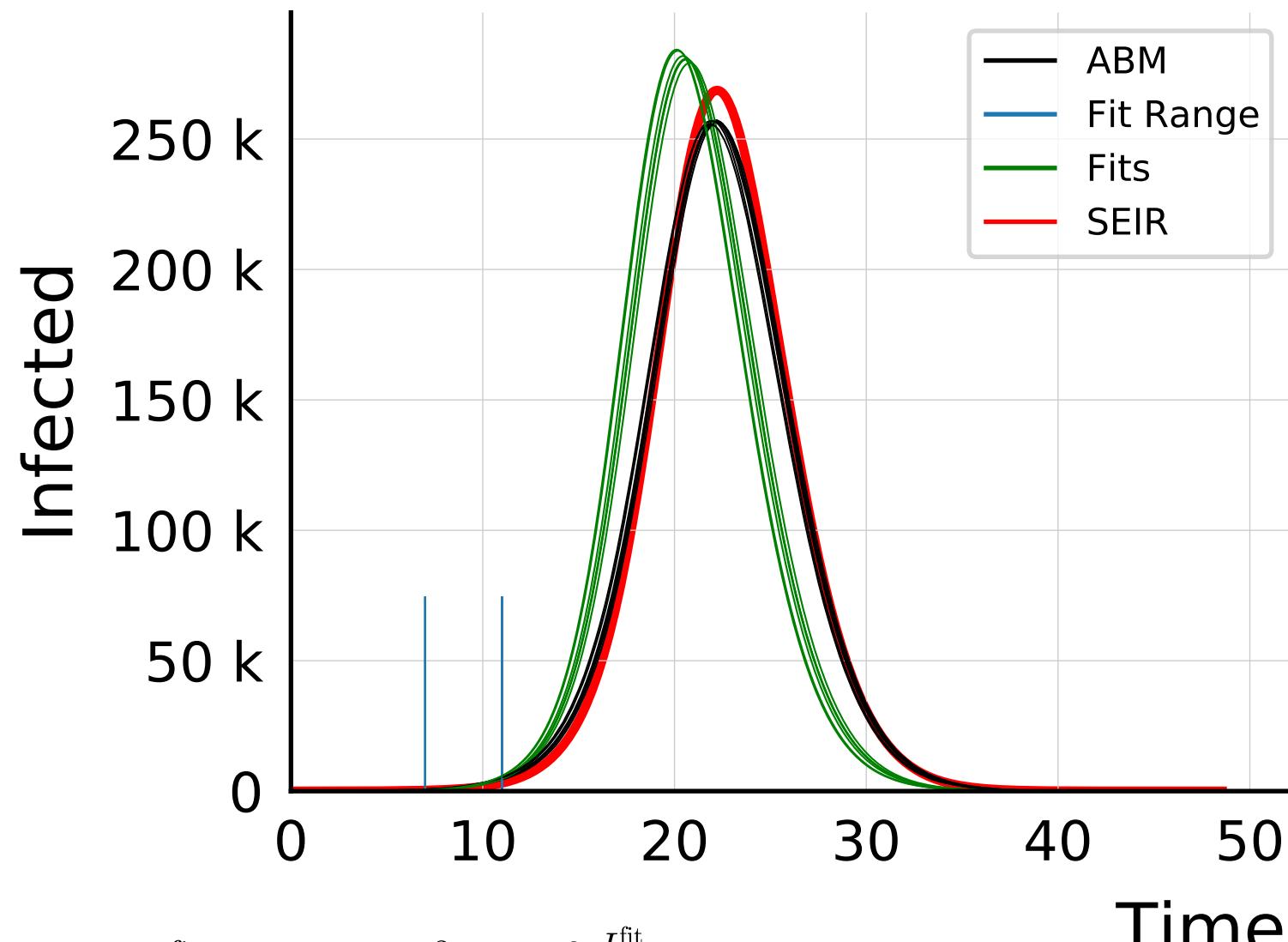
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.075$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



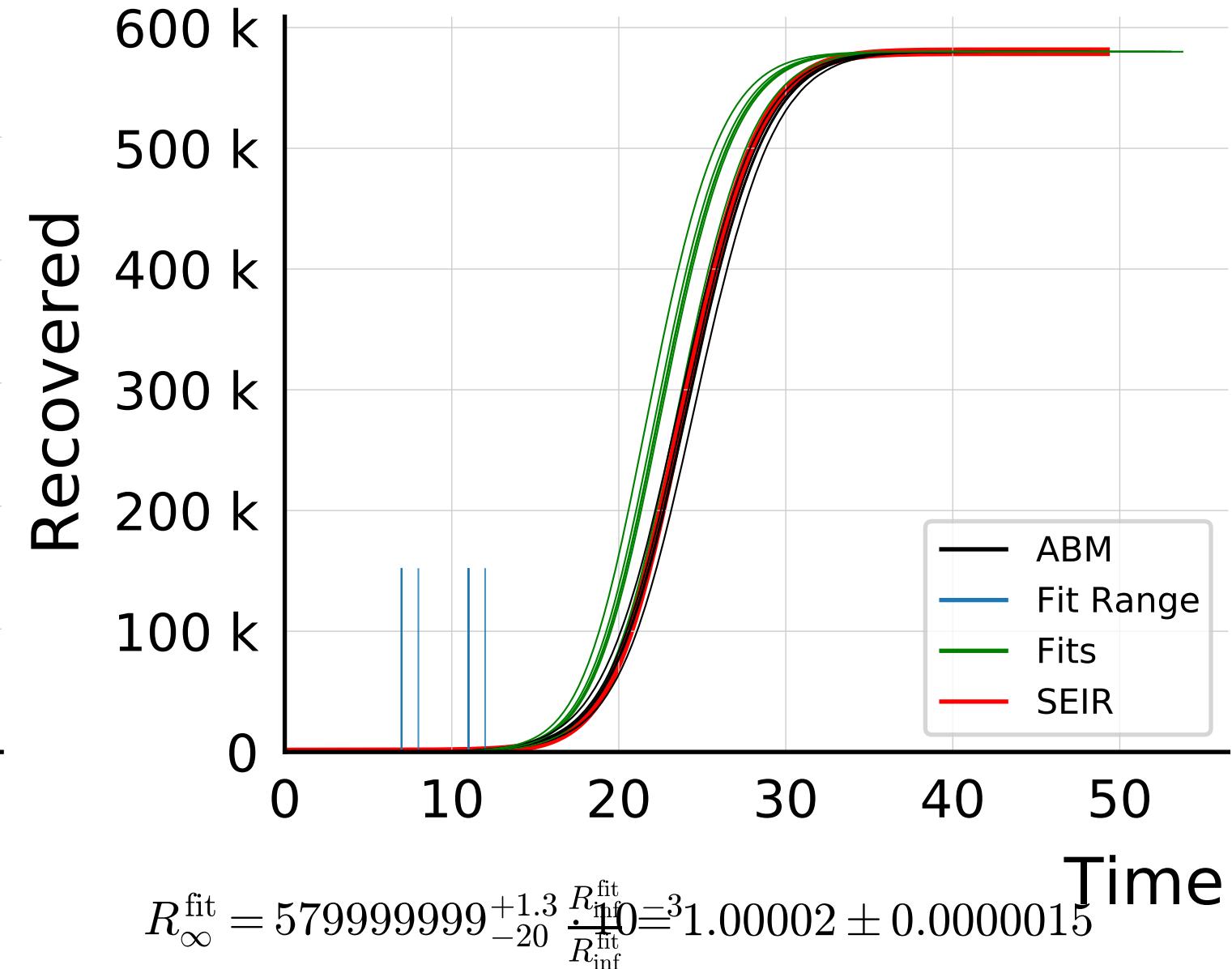
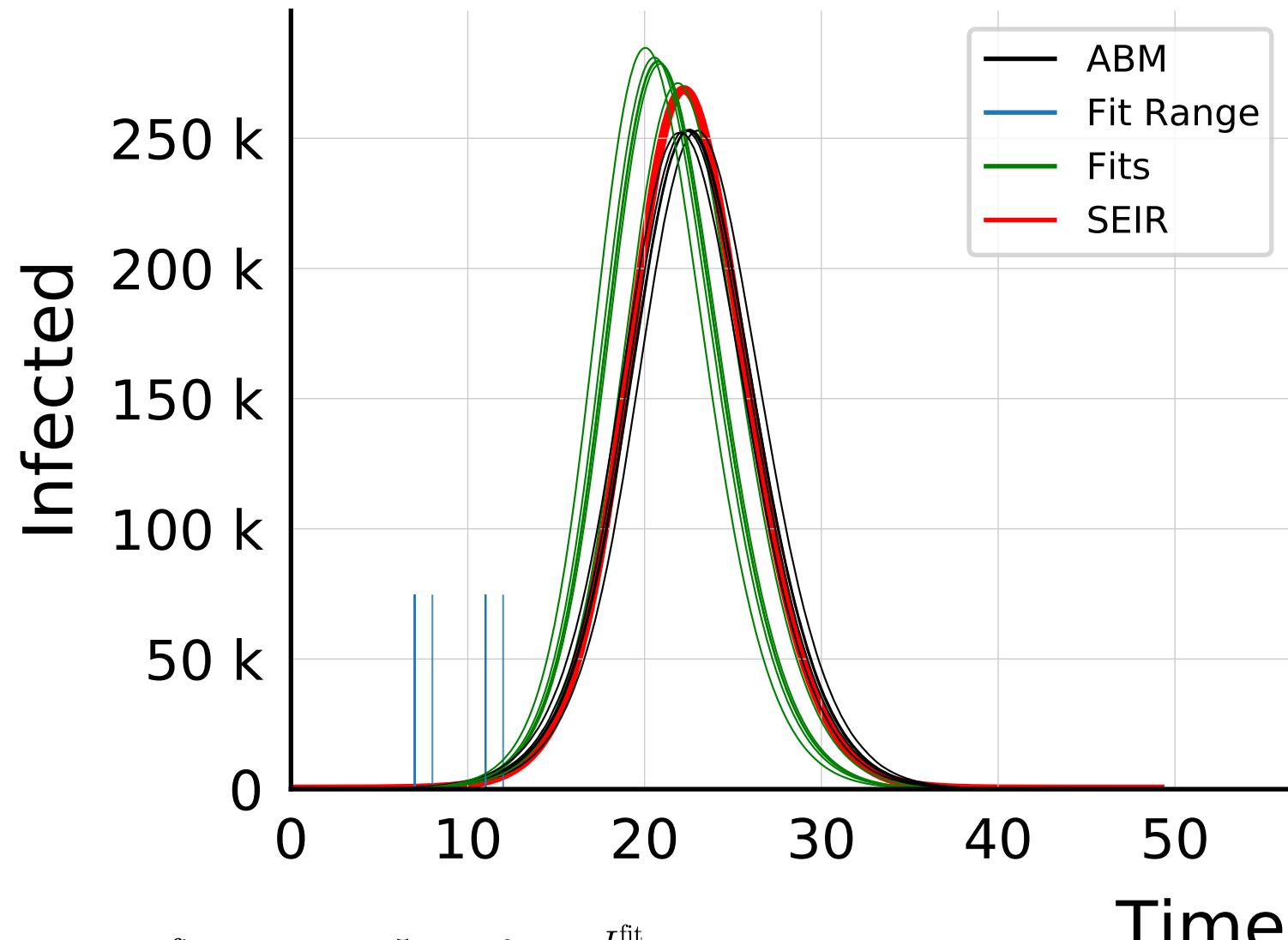
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.1$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #7



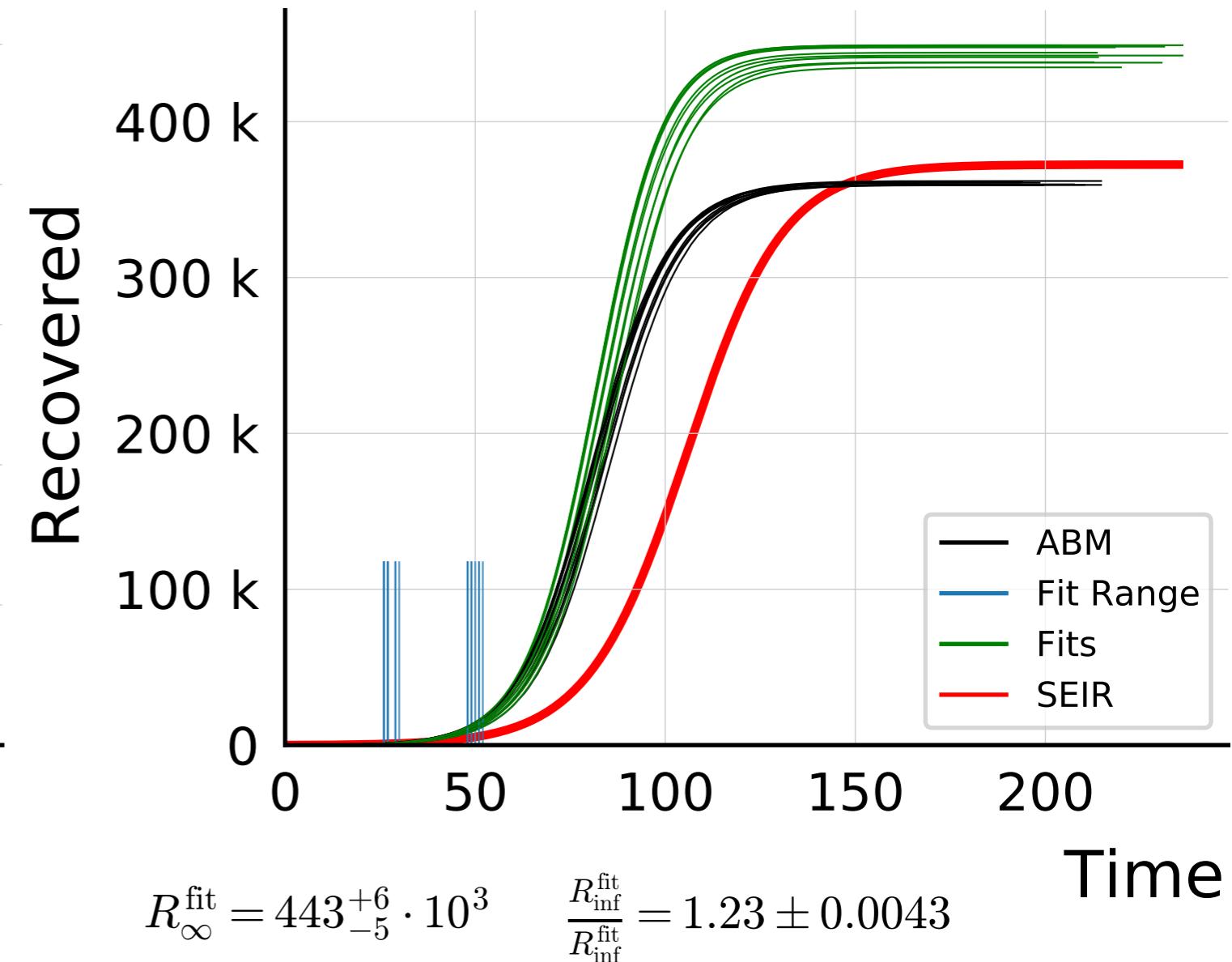
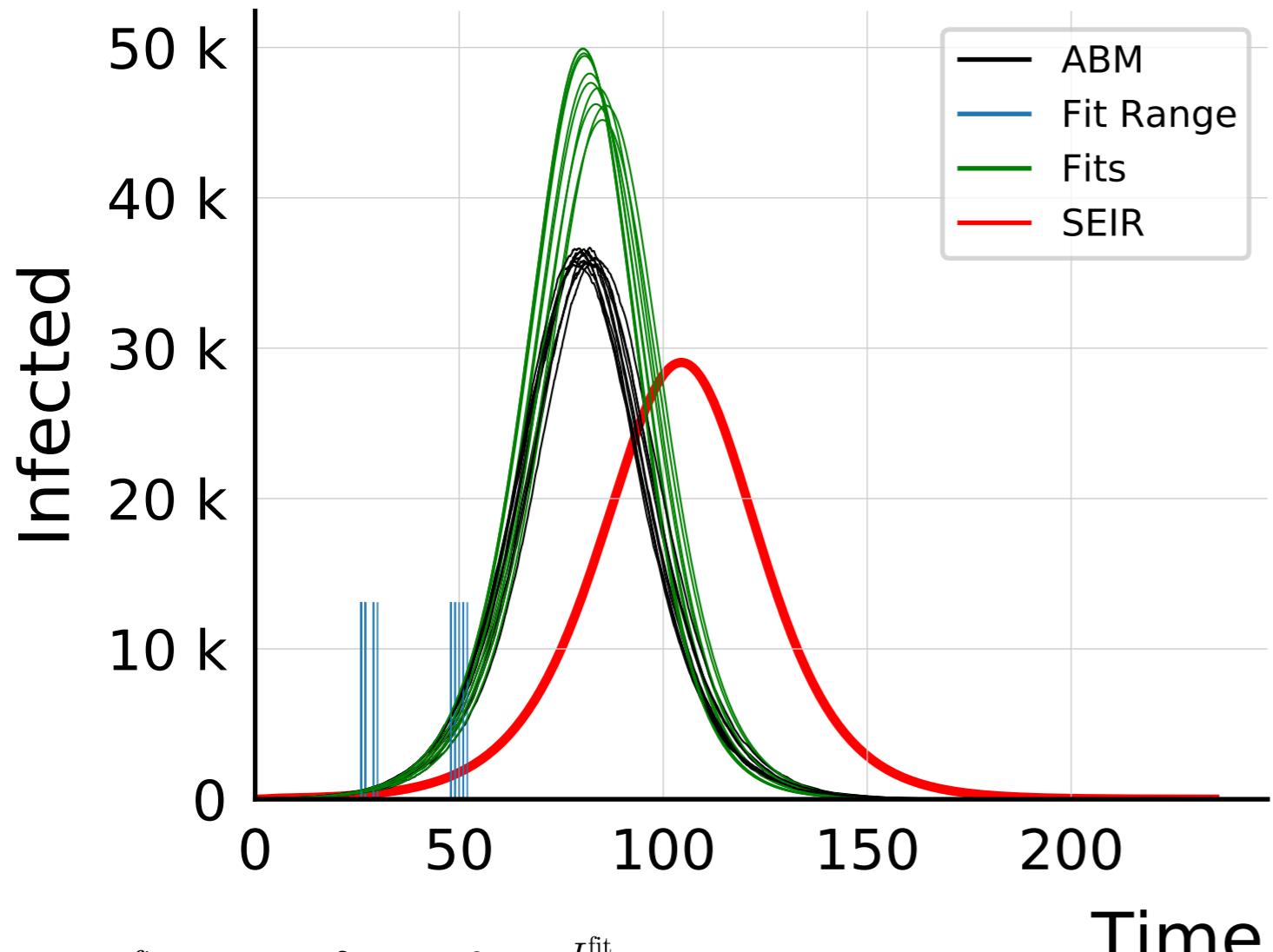
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.1$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #7



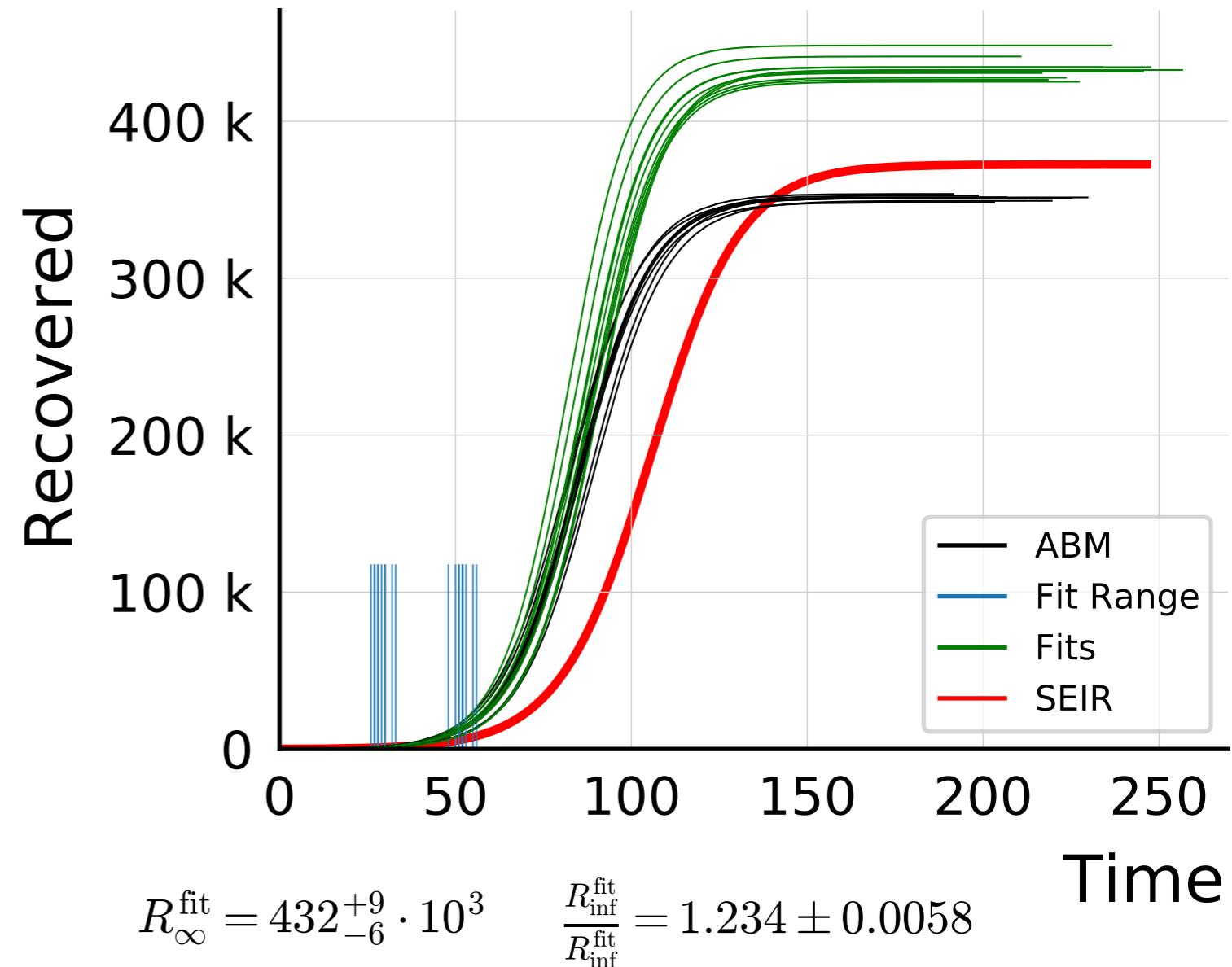
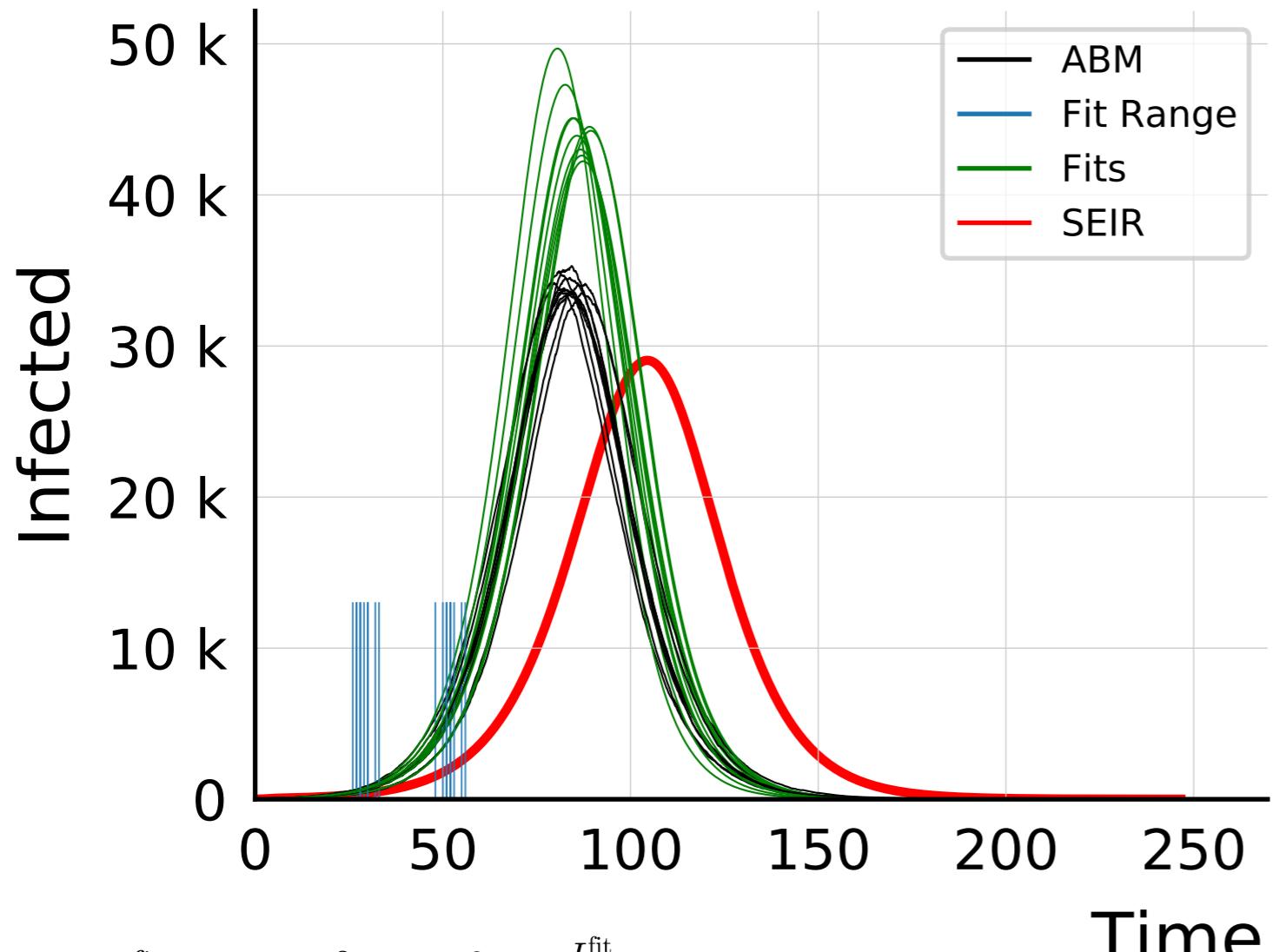
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.1$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #6



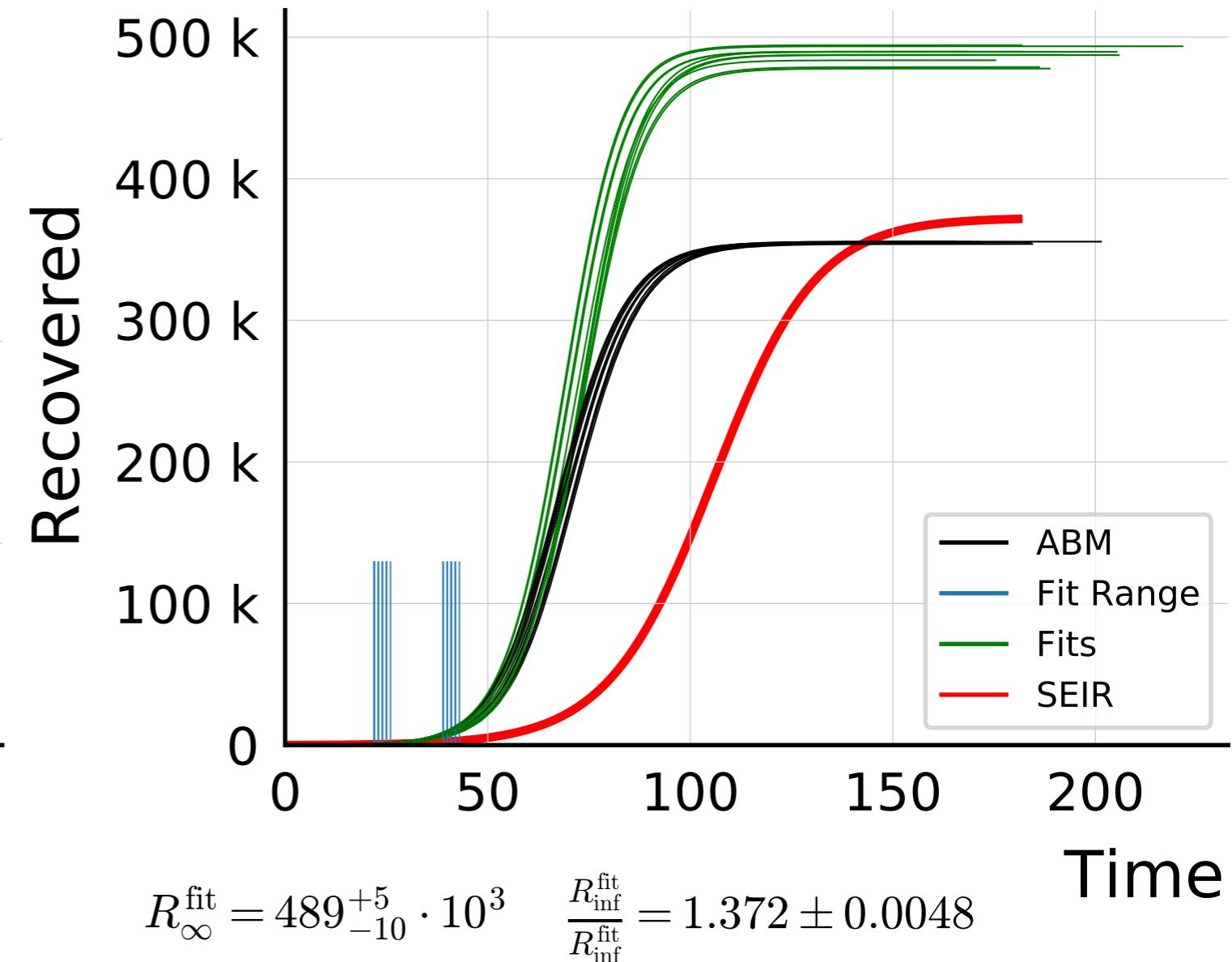
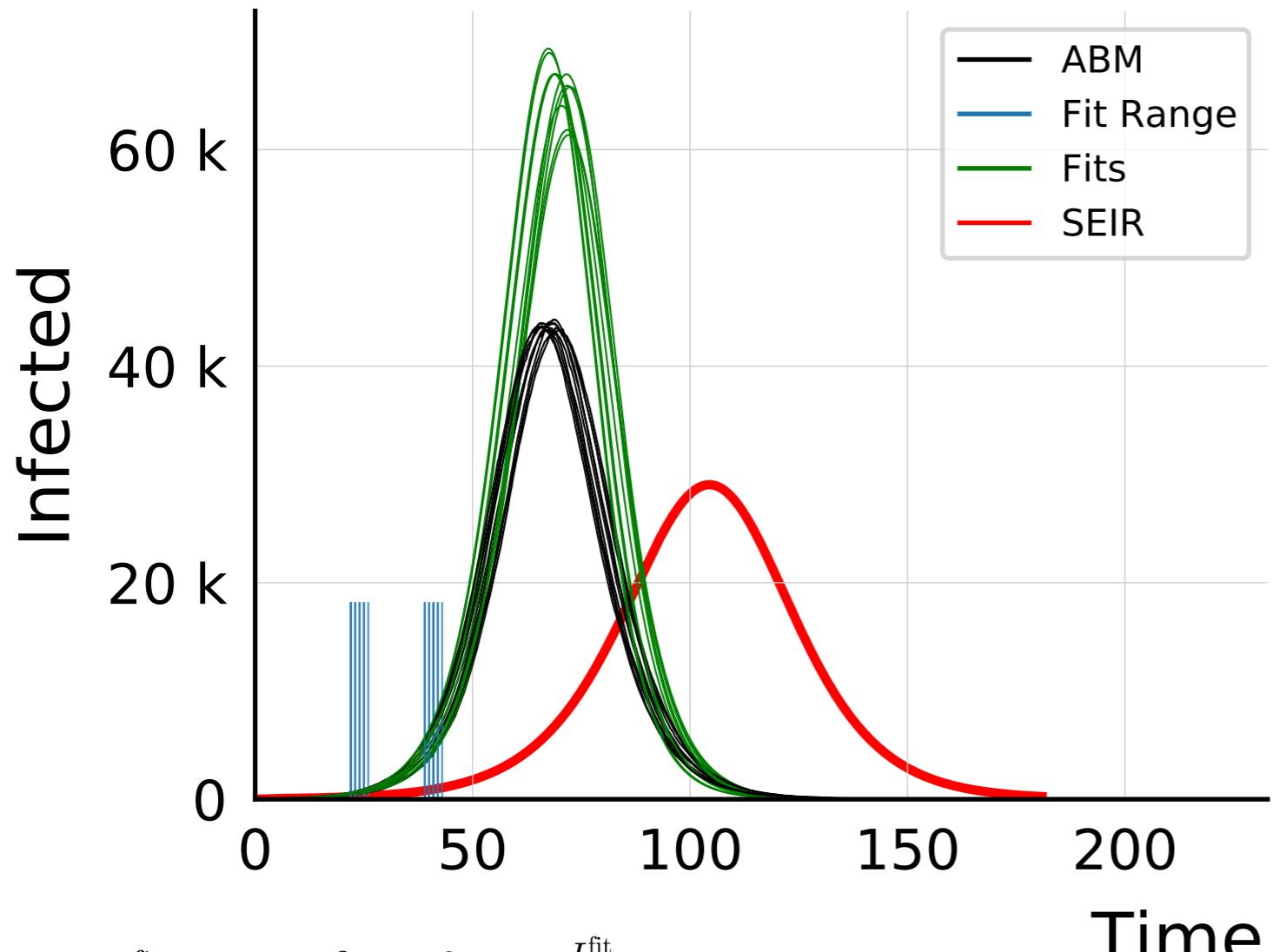
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



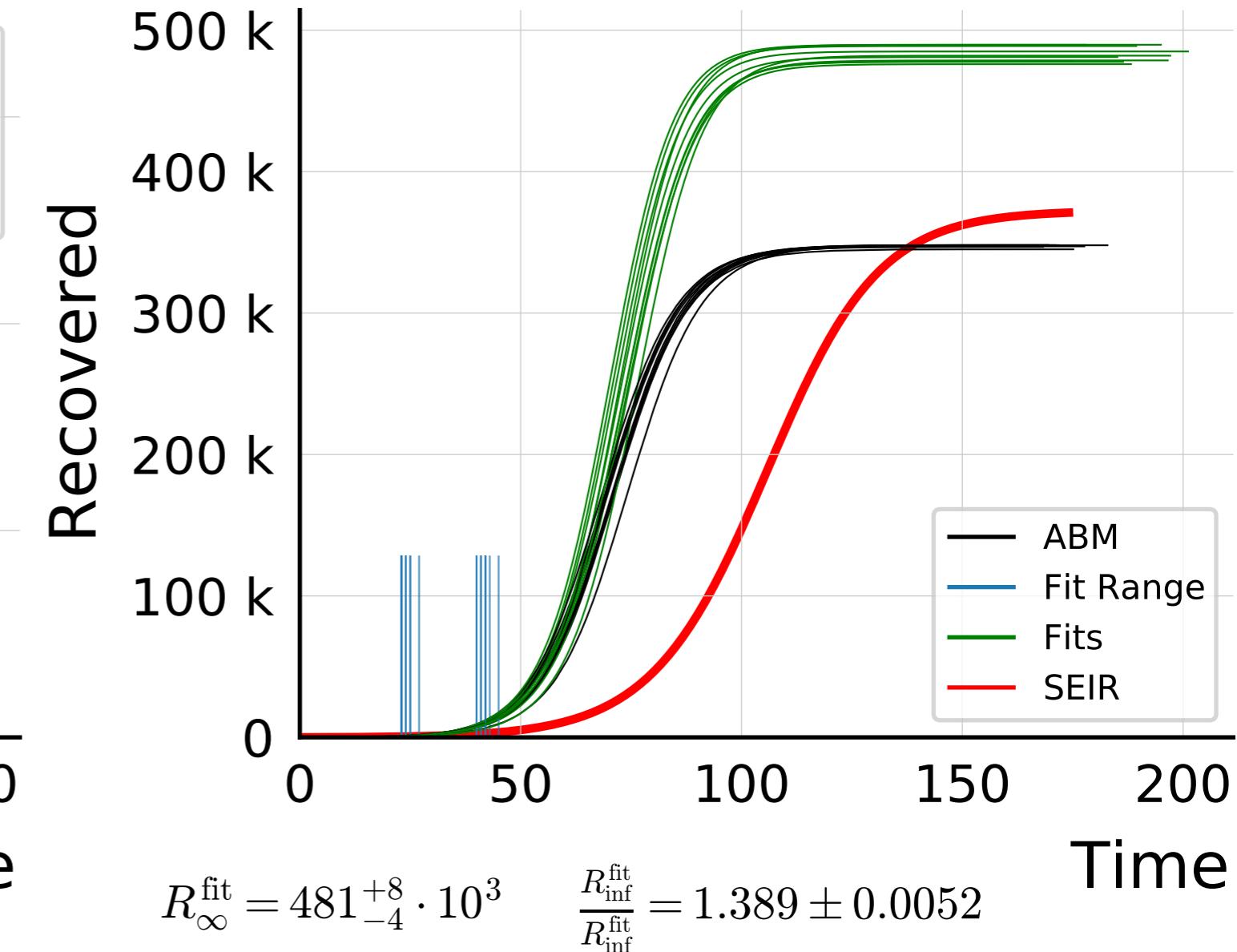
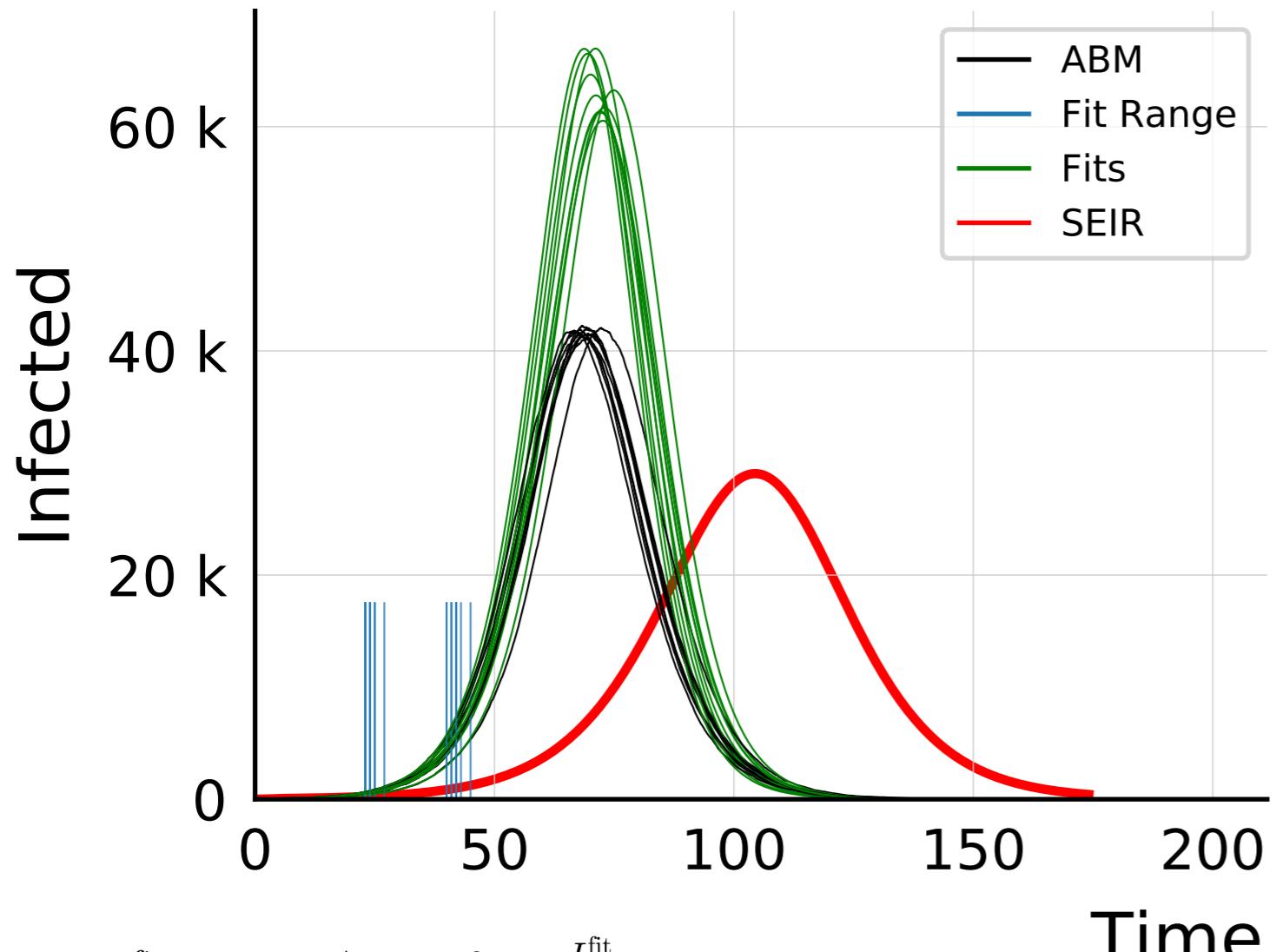
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



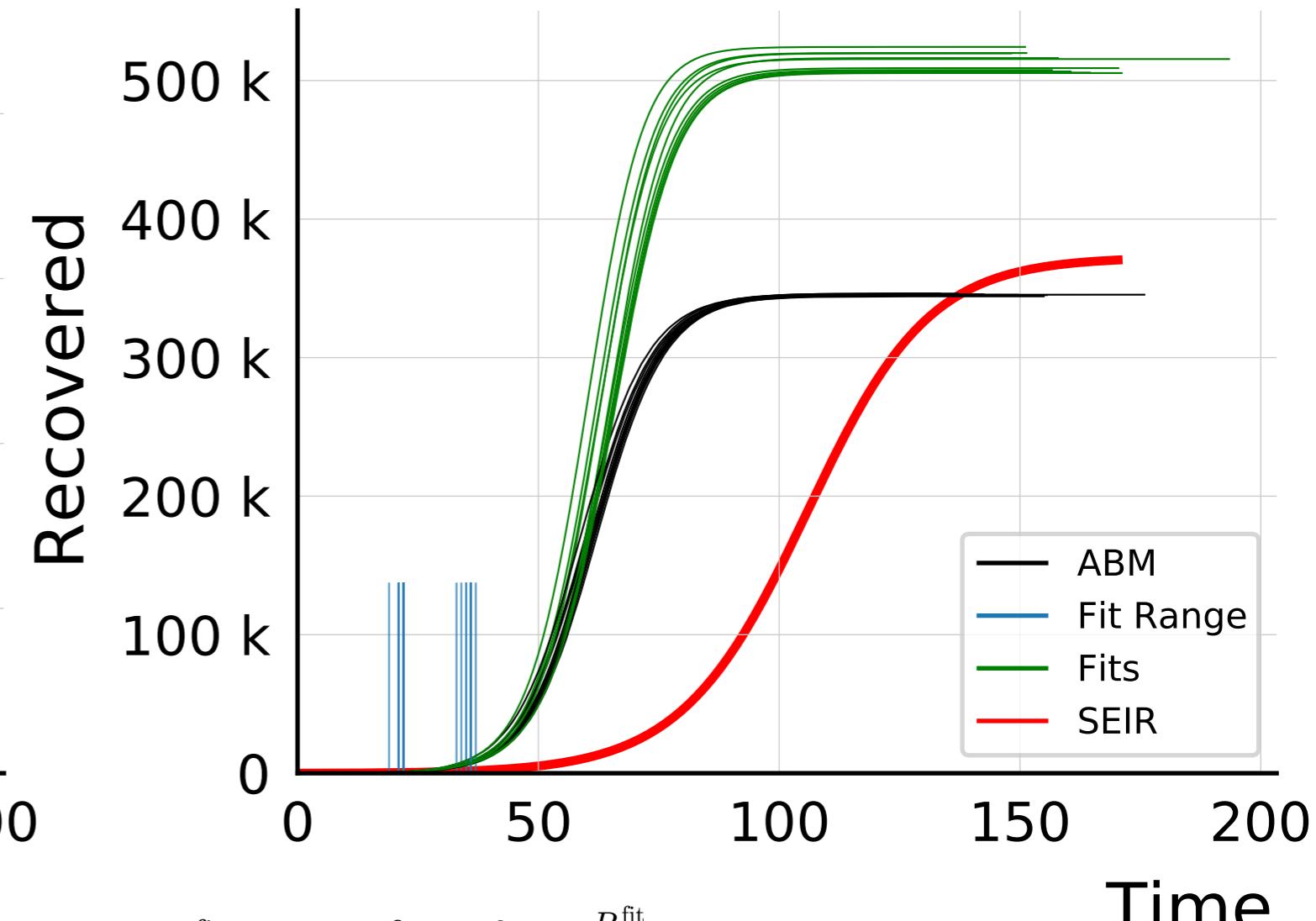
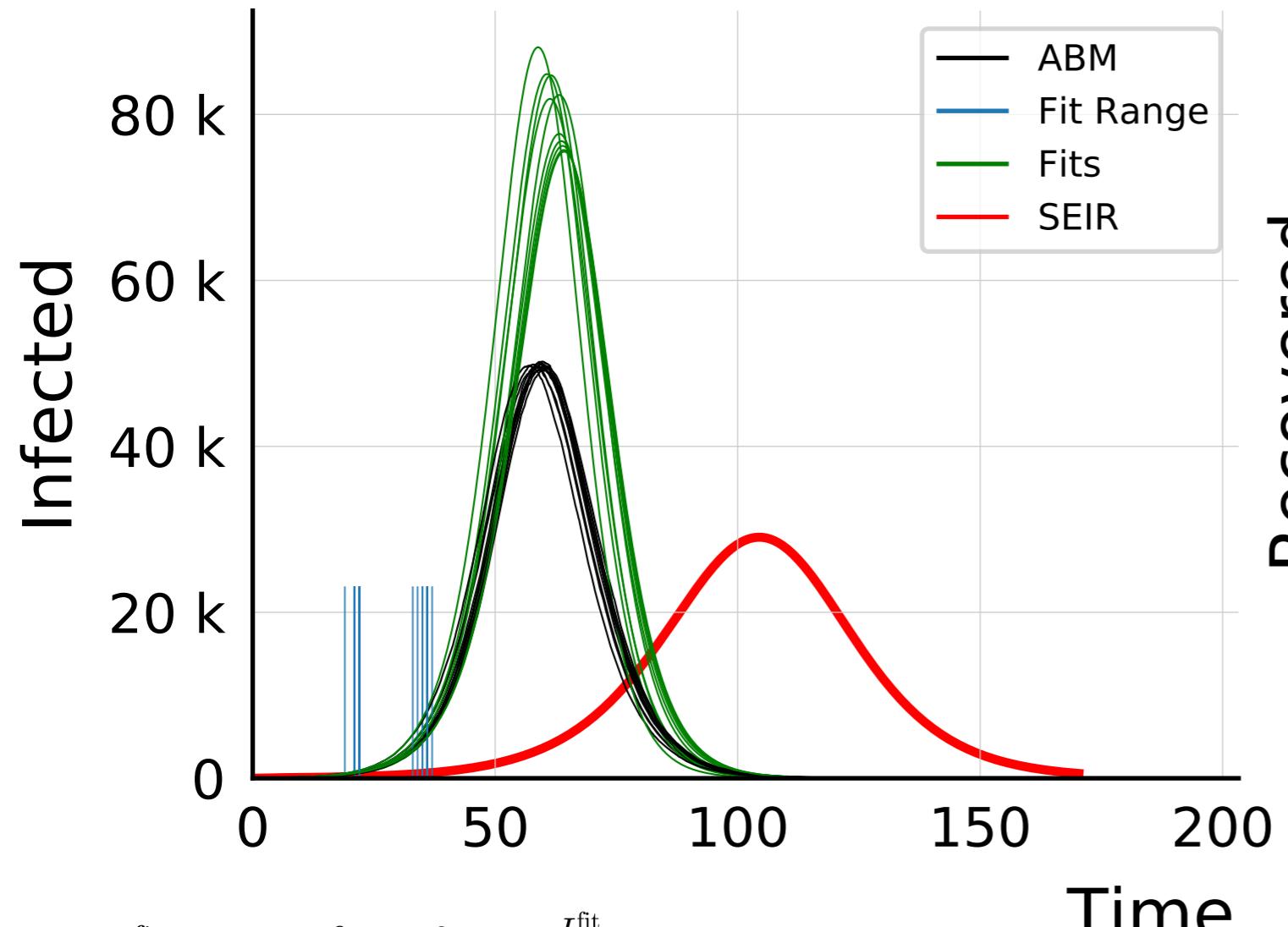
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



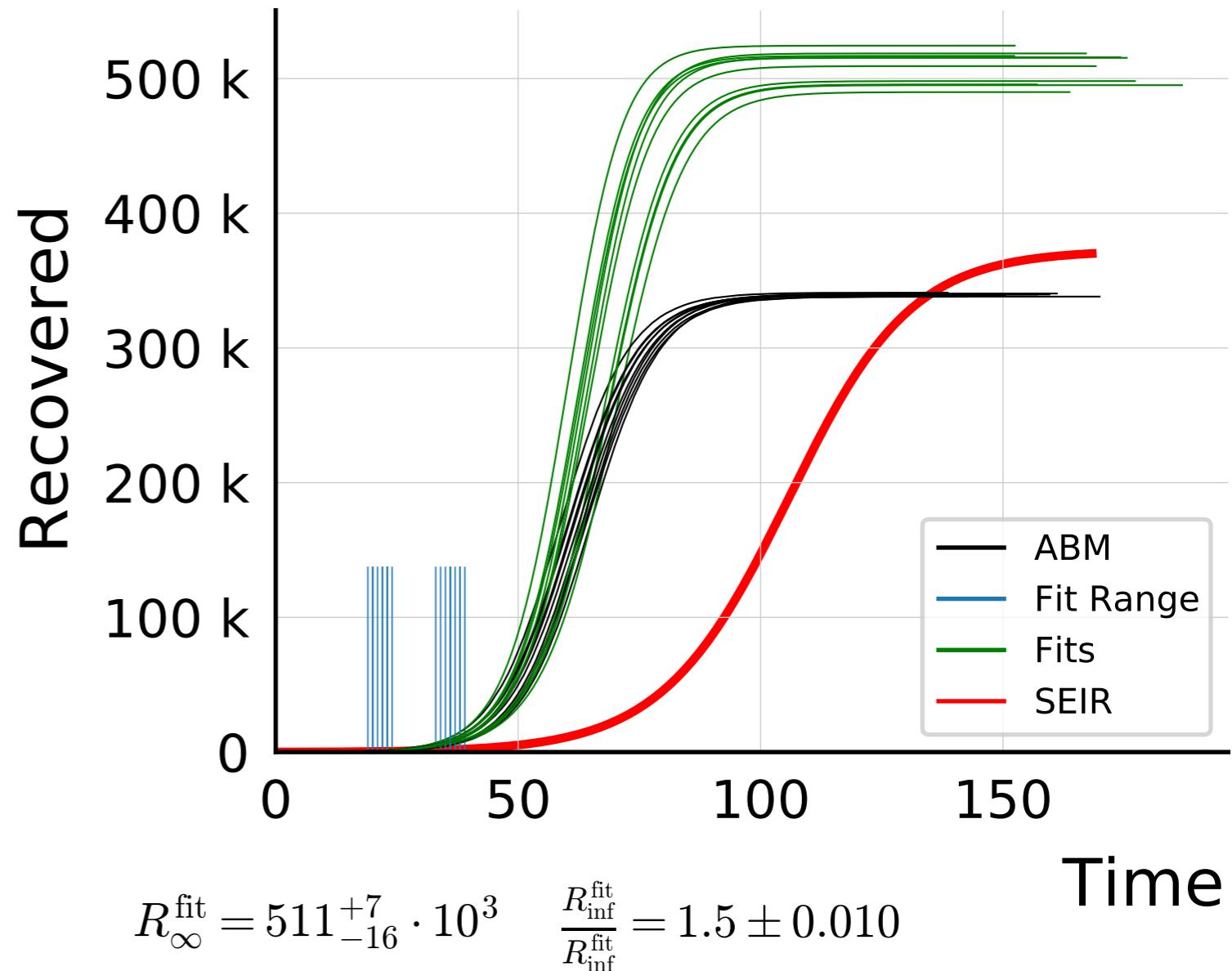
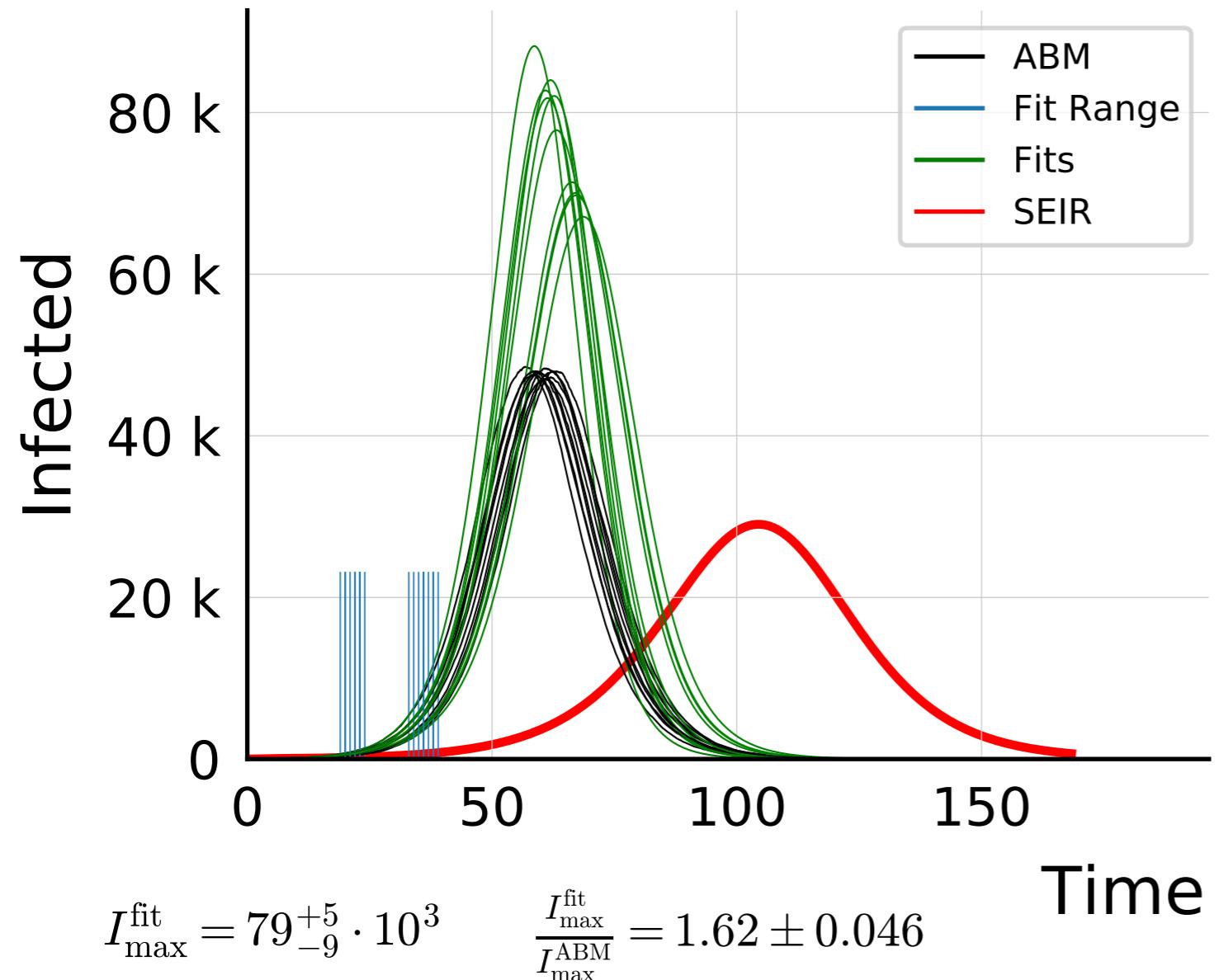
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



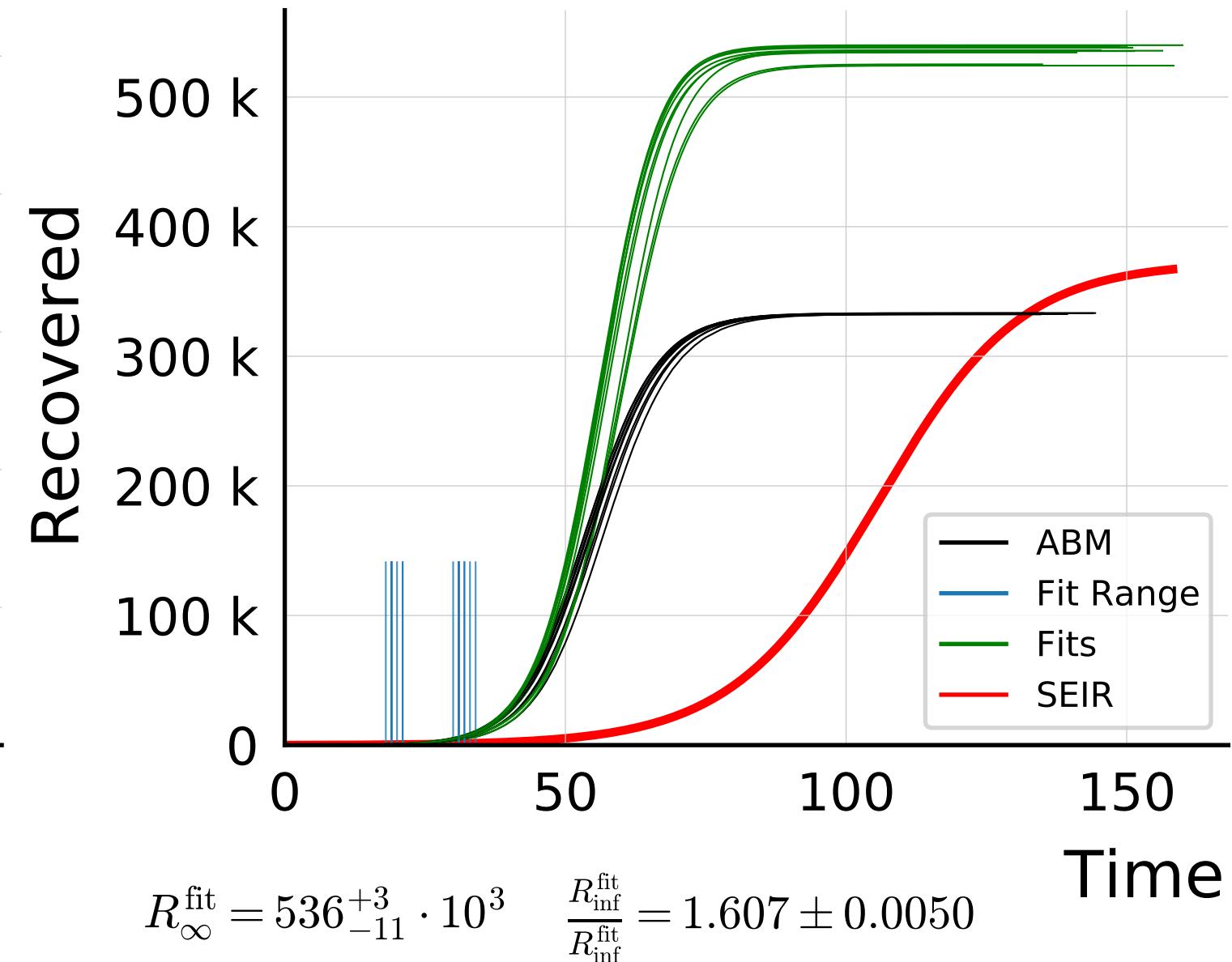
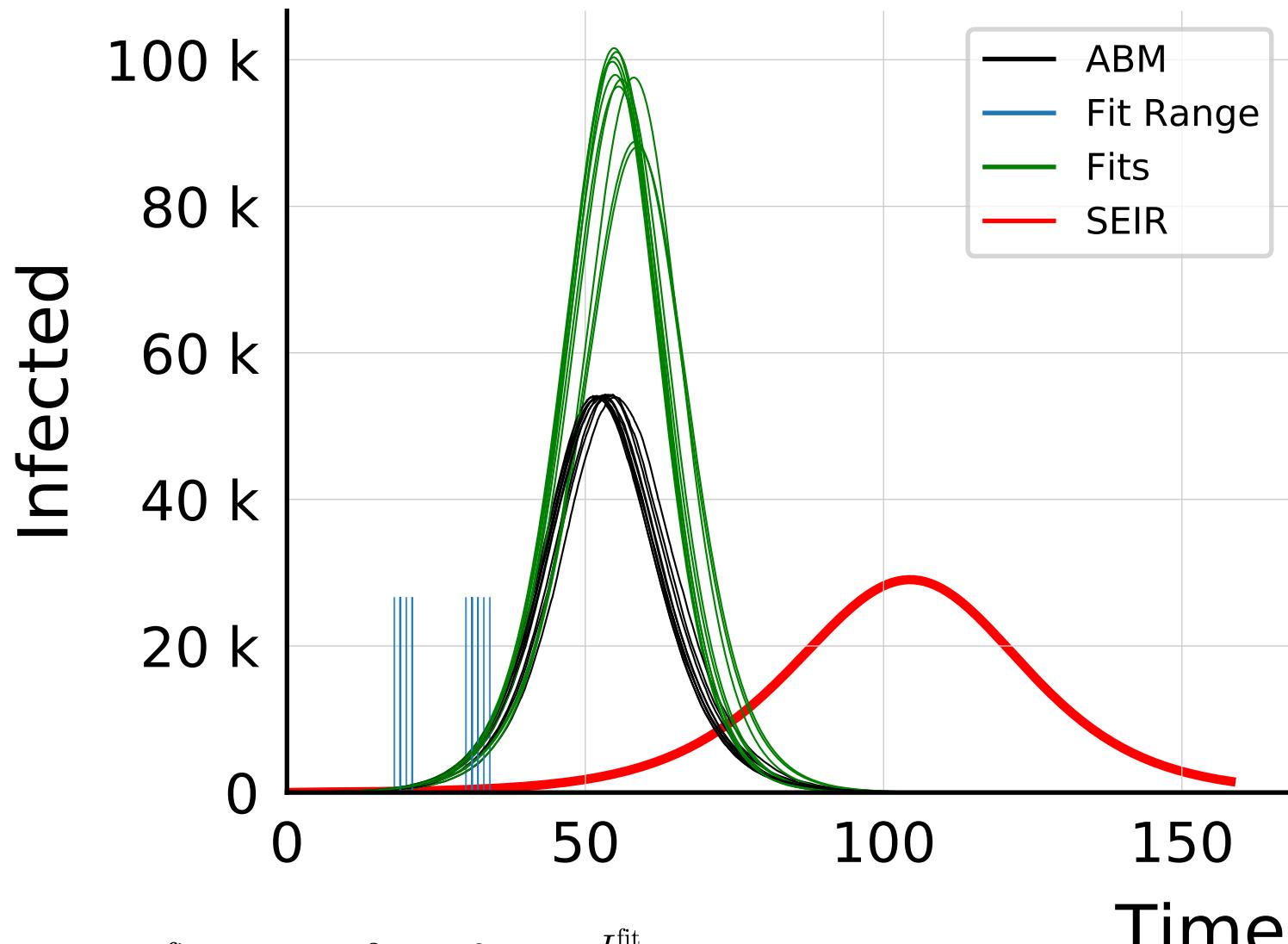
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



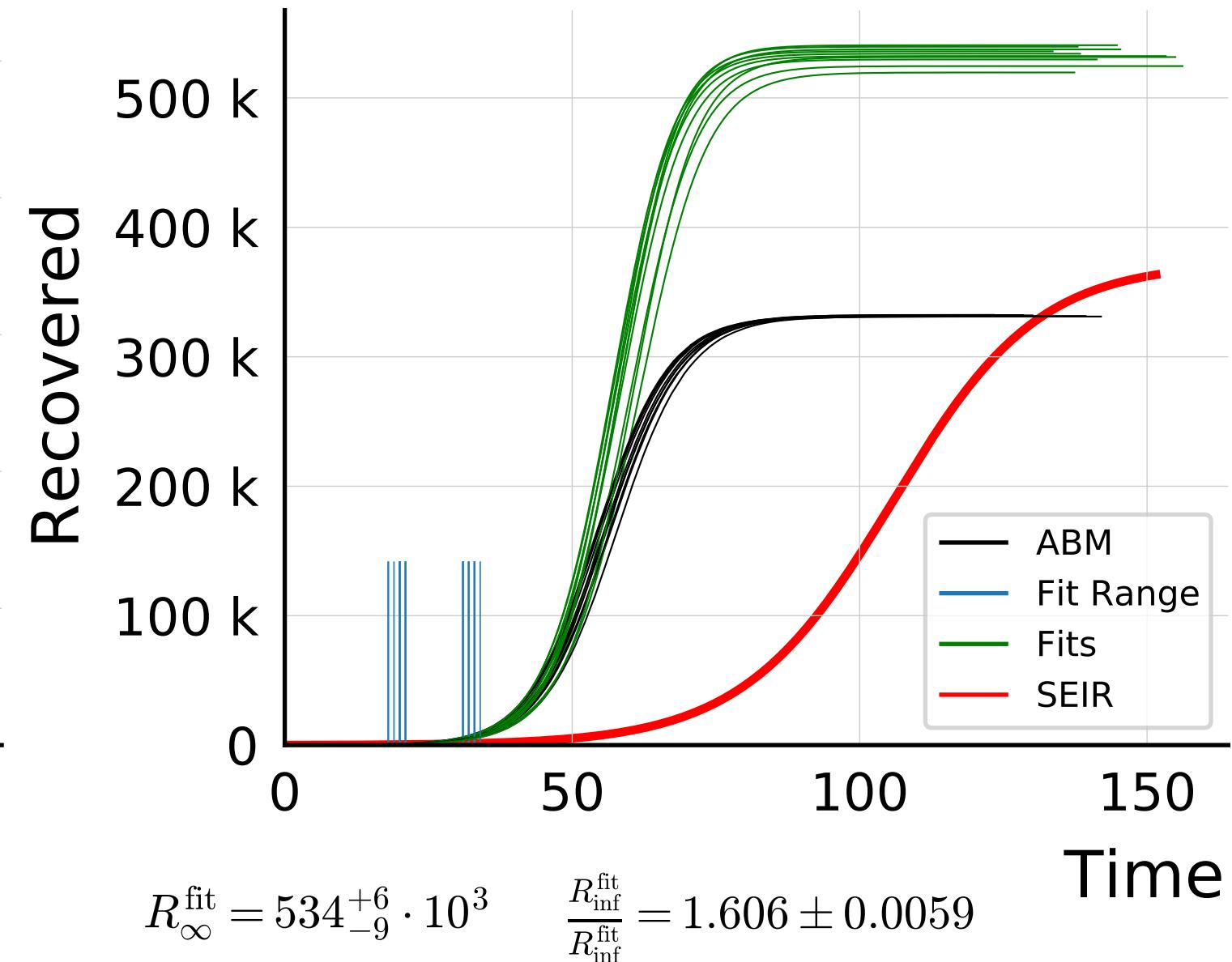
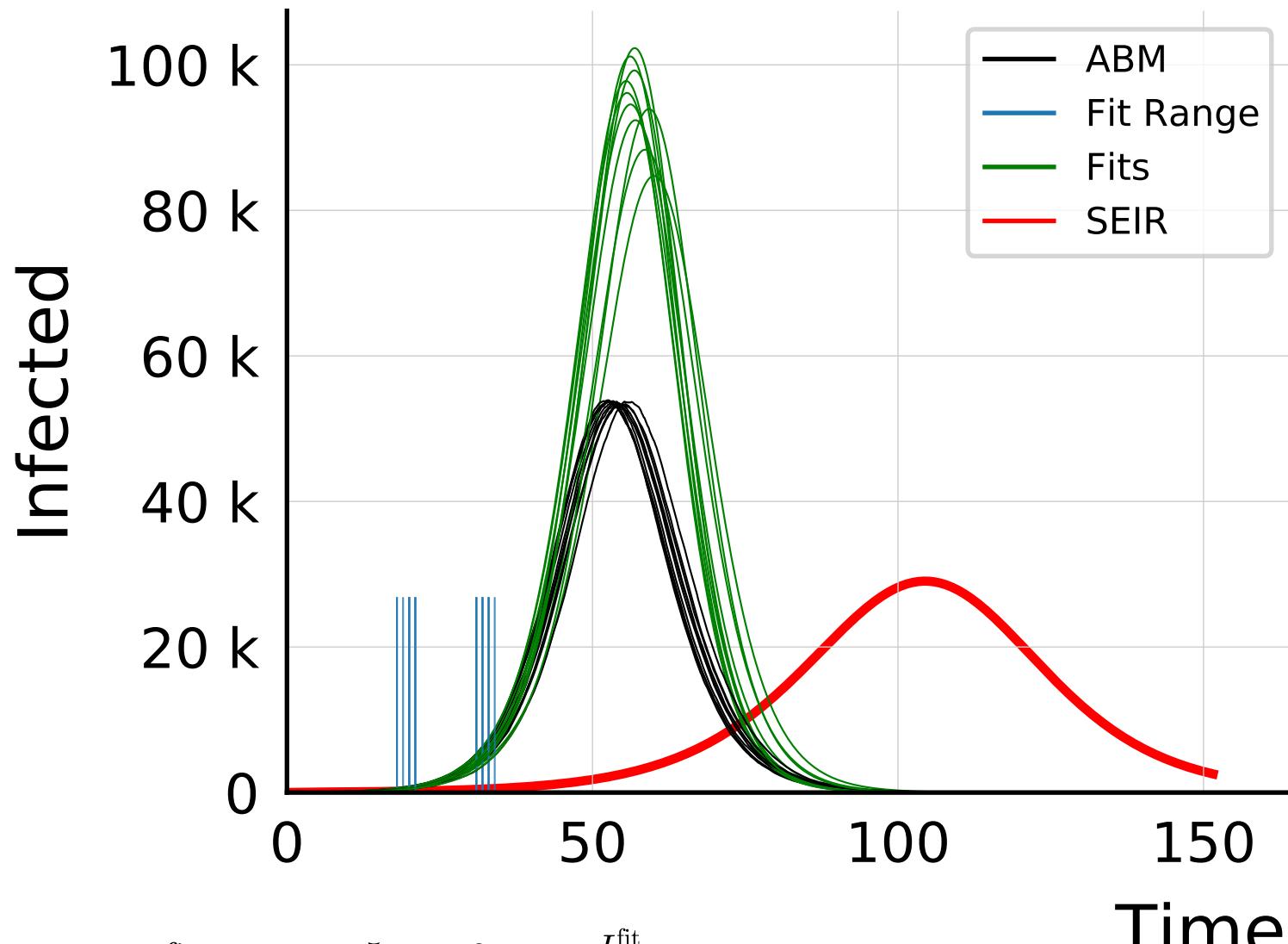
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



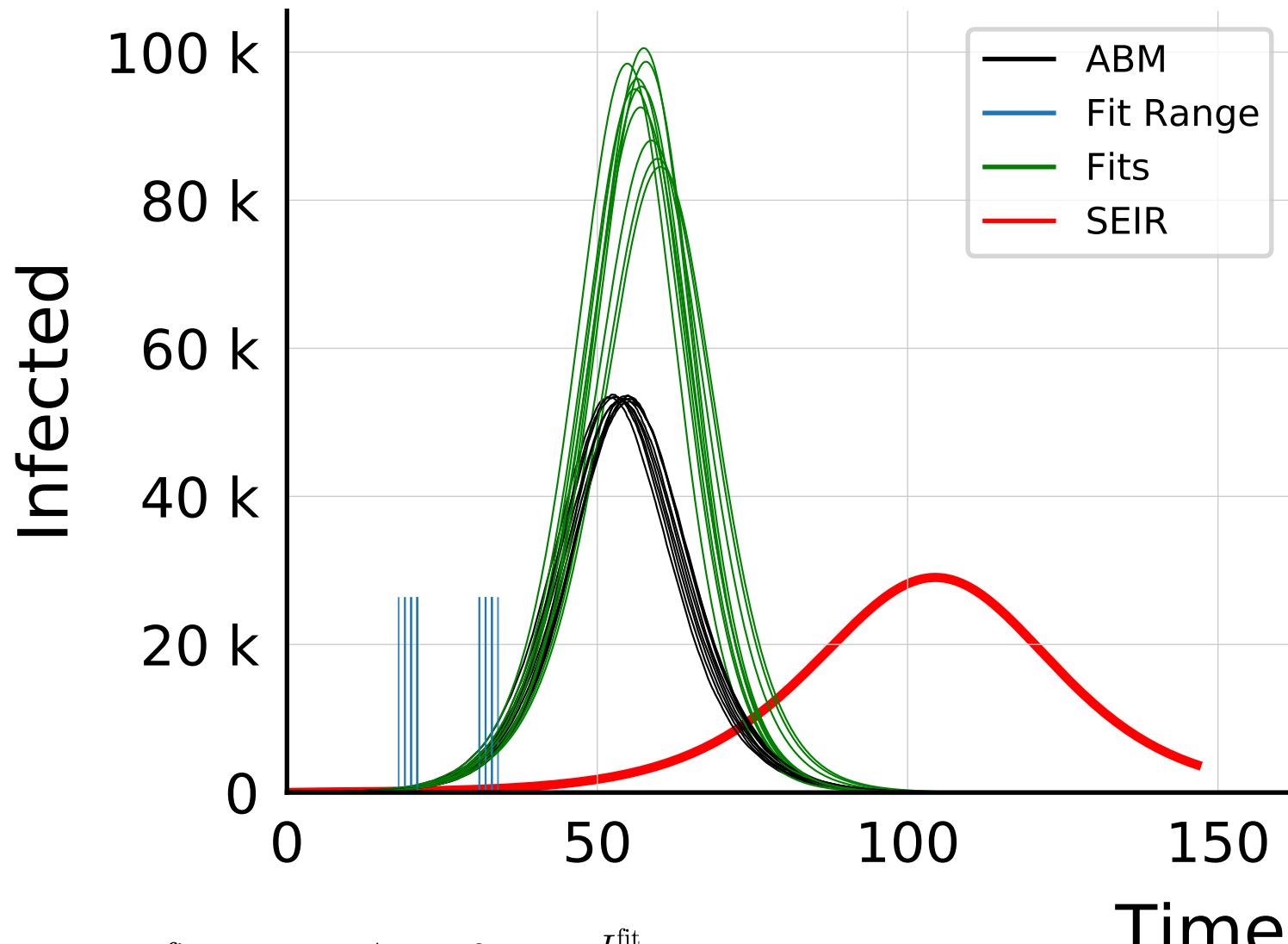
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

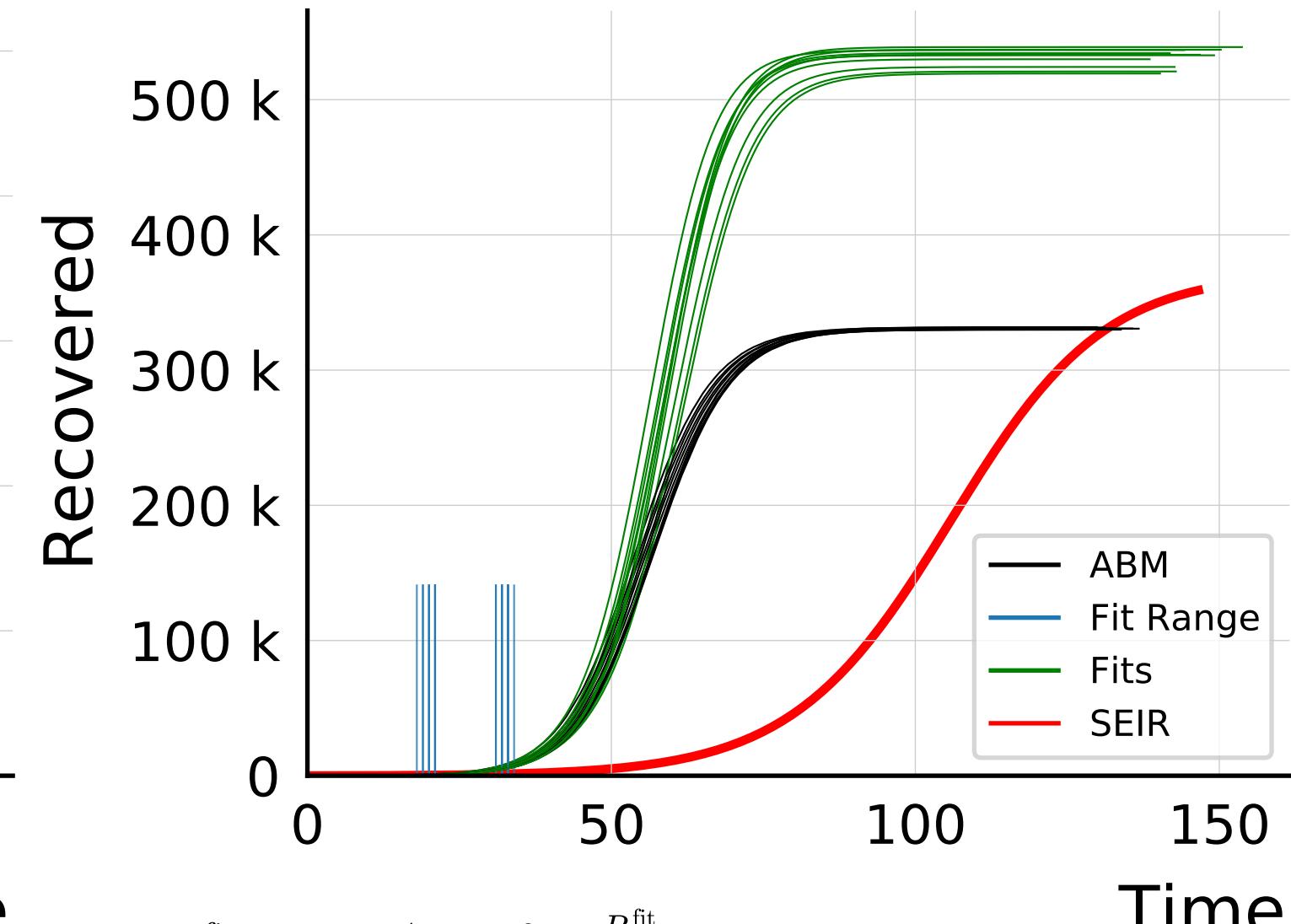


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 95_{-9}^{+4} \cdot 10^3$$

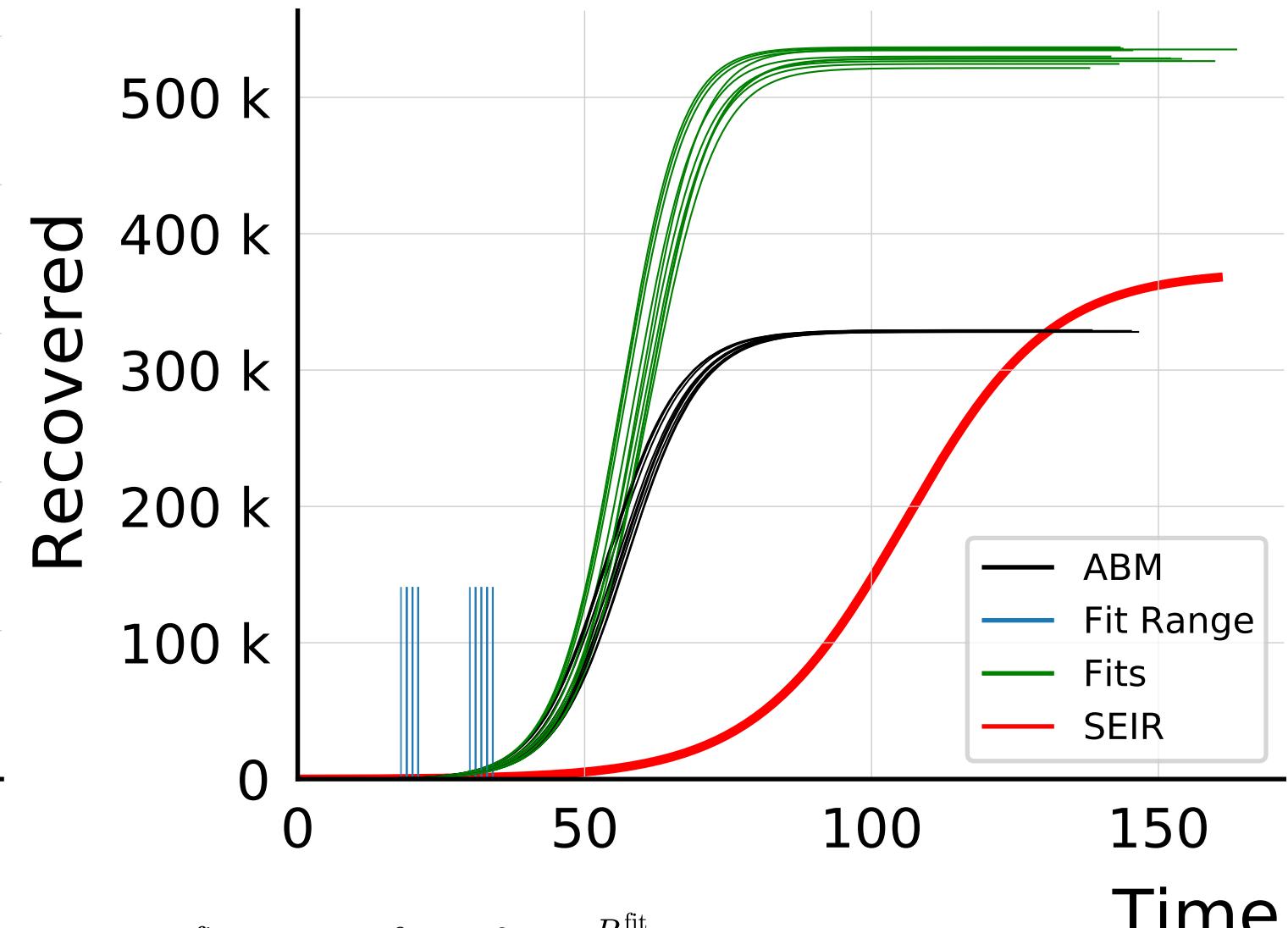
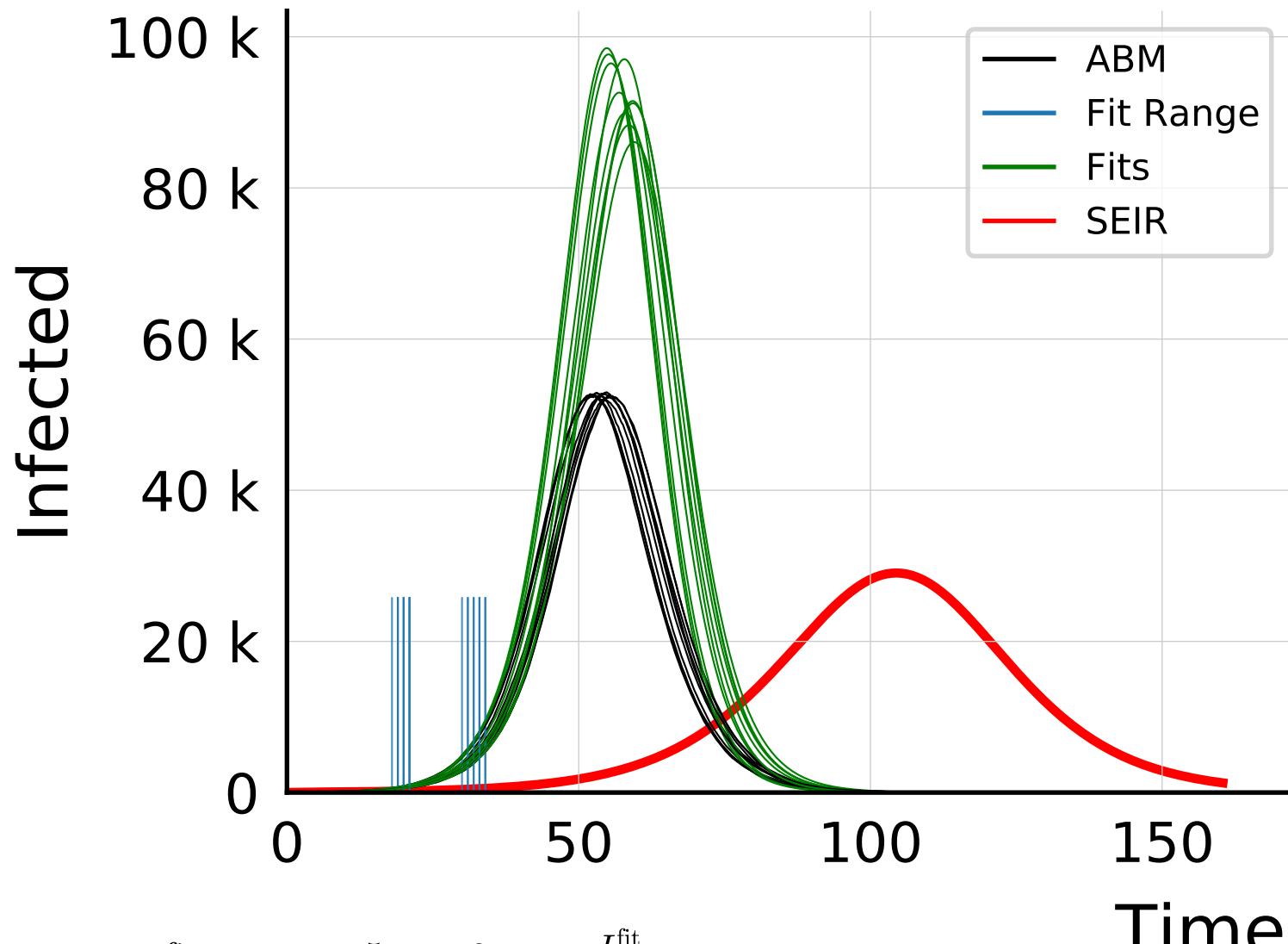
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.75 \pm 0.031$$



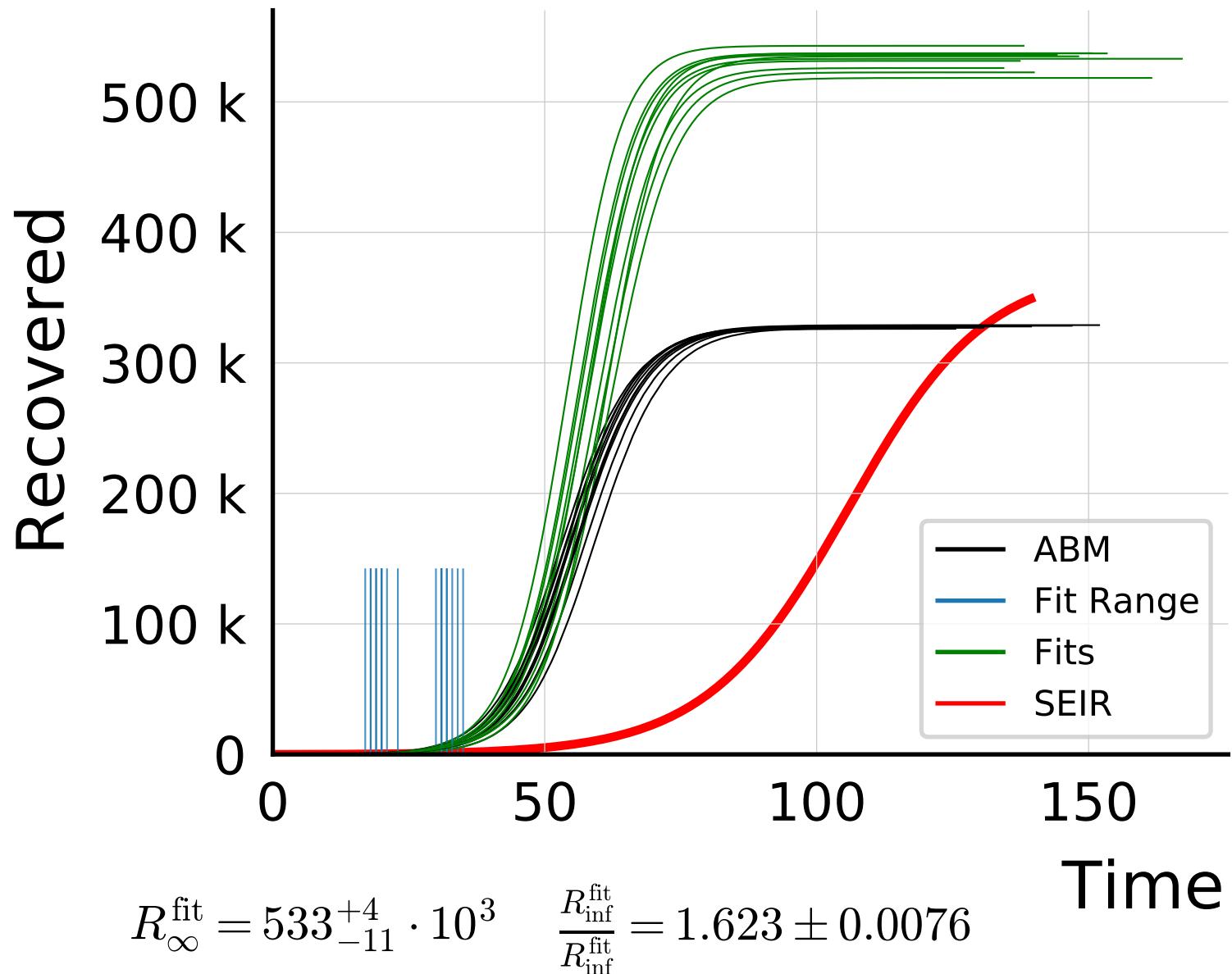
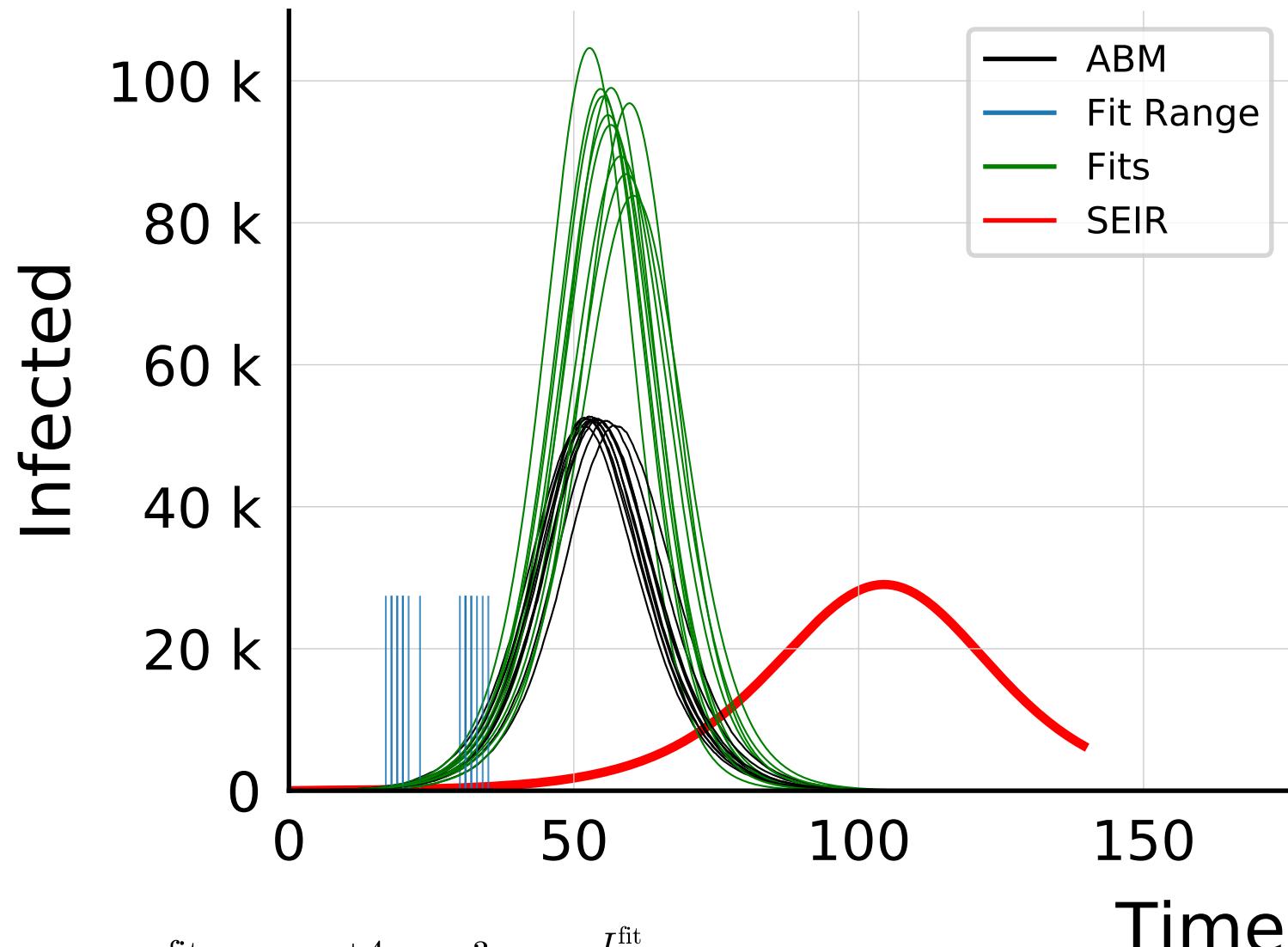
$$R_{\infty}^{\text{fit}} = 533_{-12}^{+4} \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.605 \pm 0.0063$$

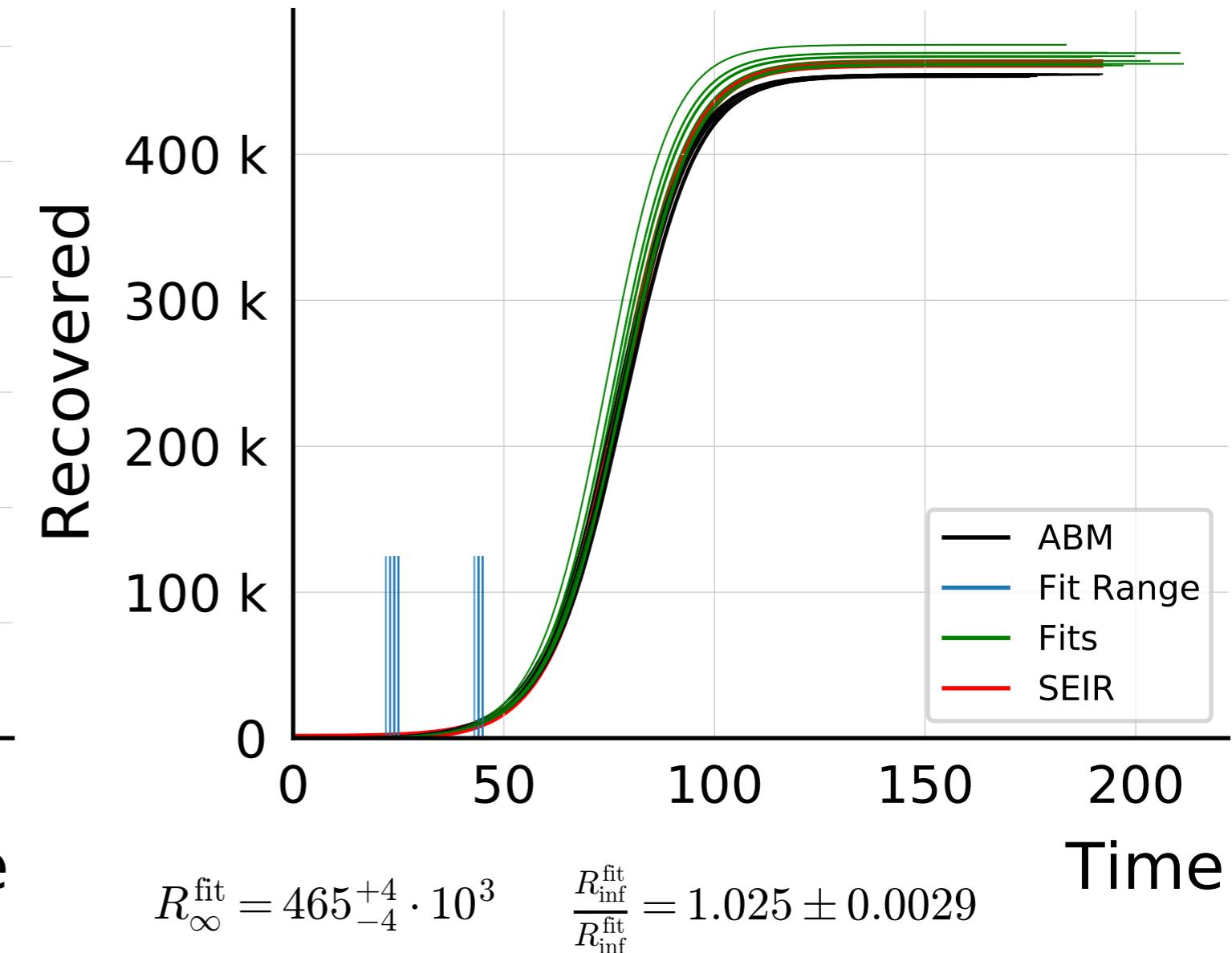
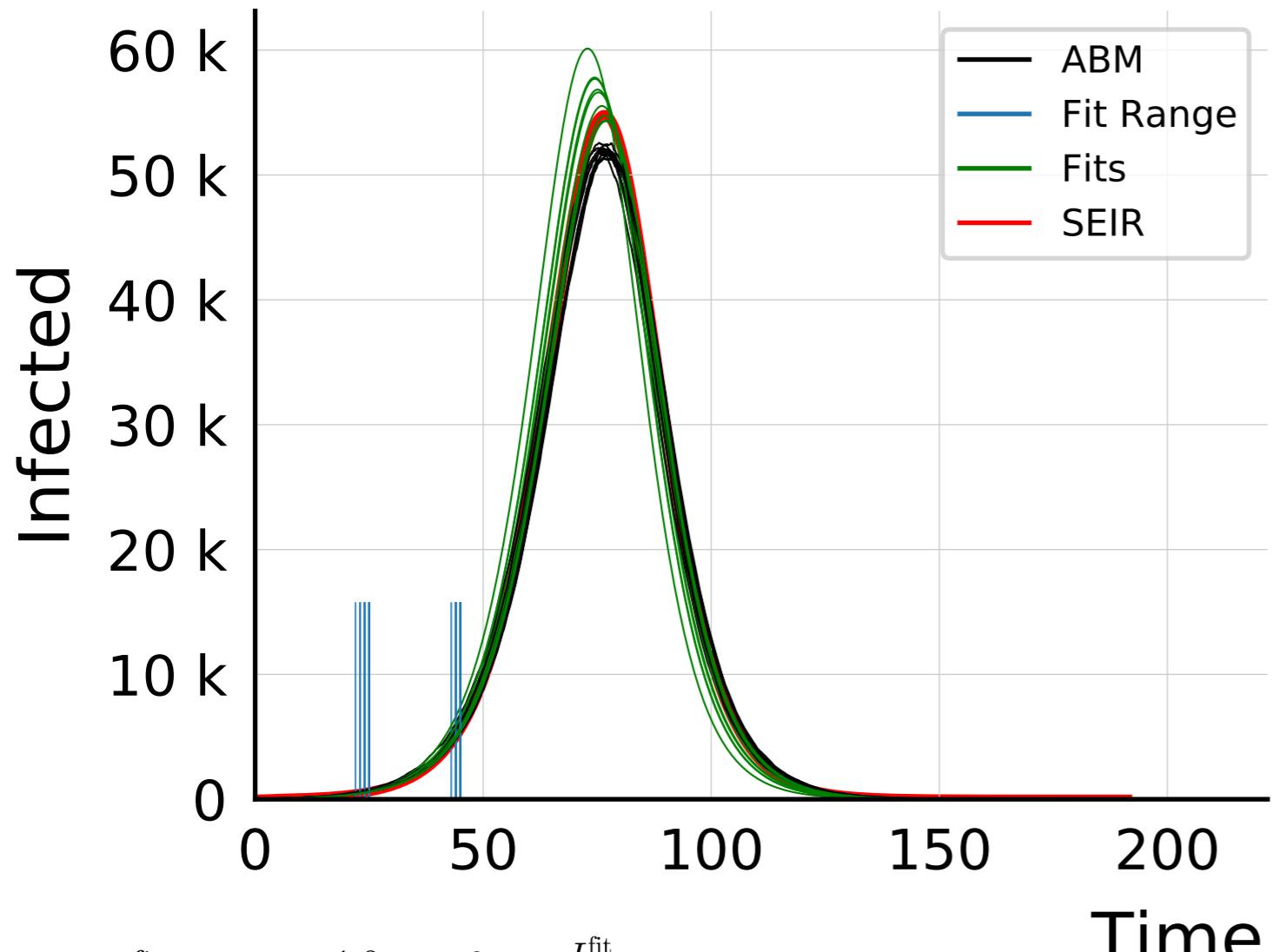
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



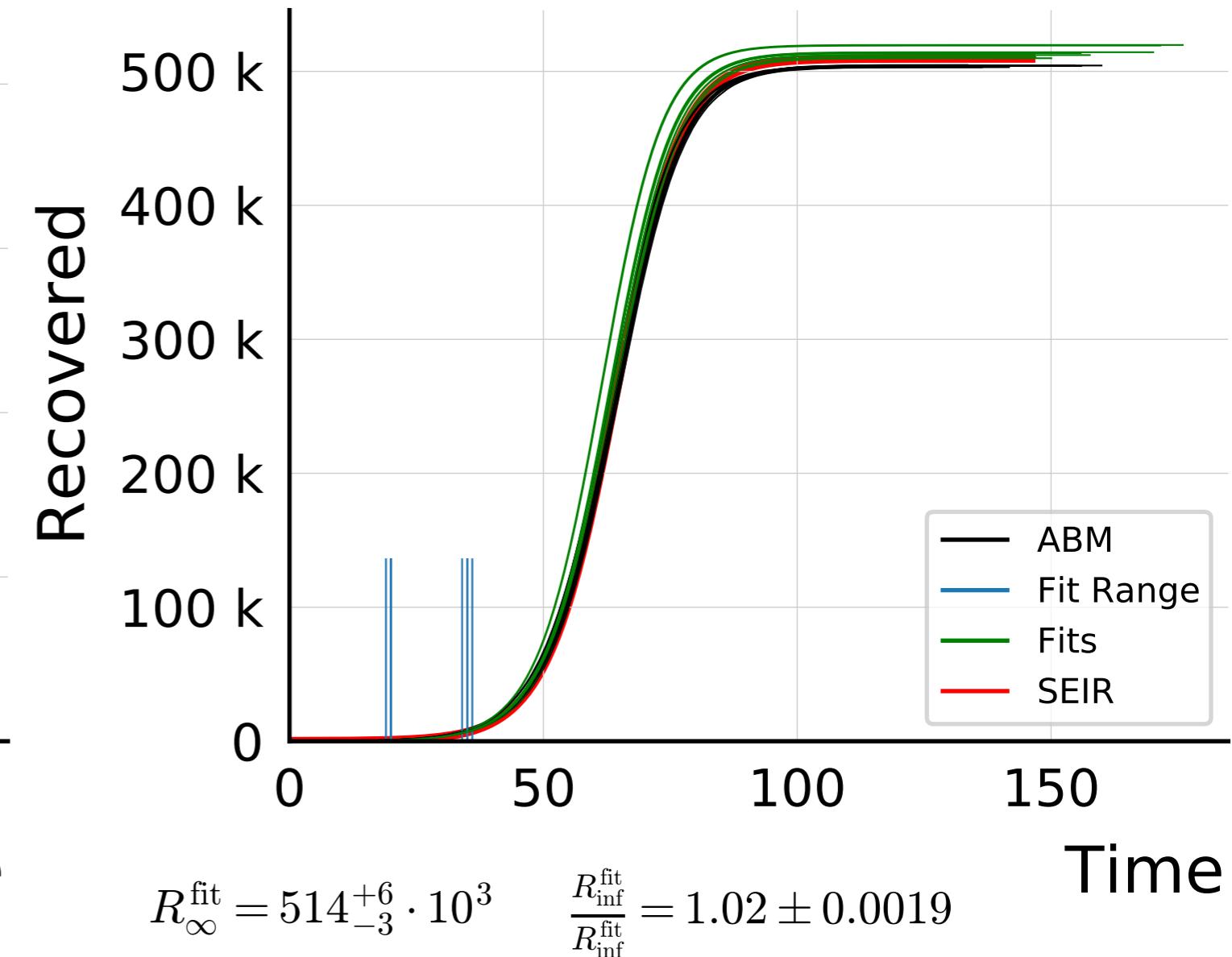
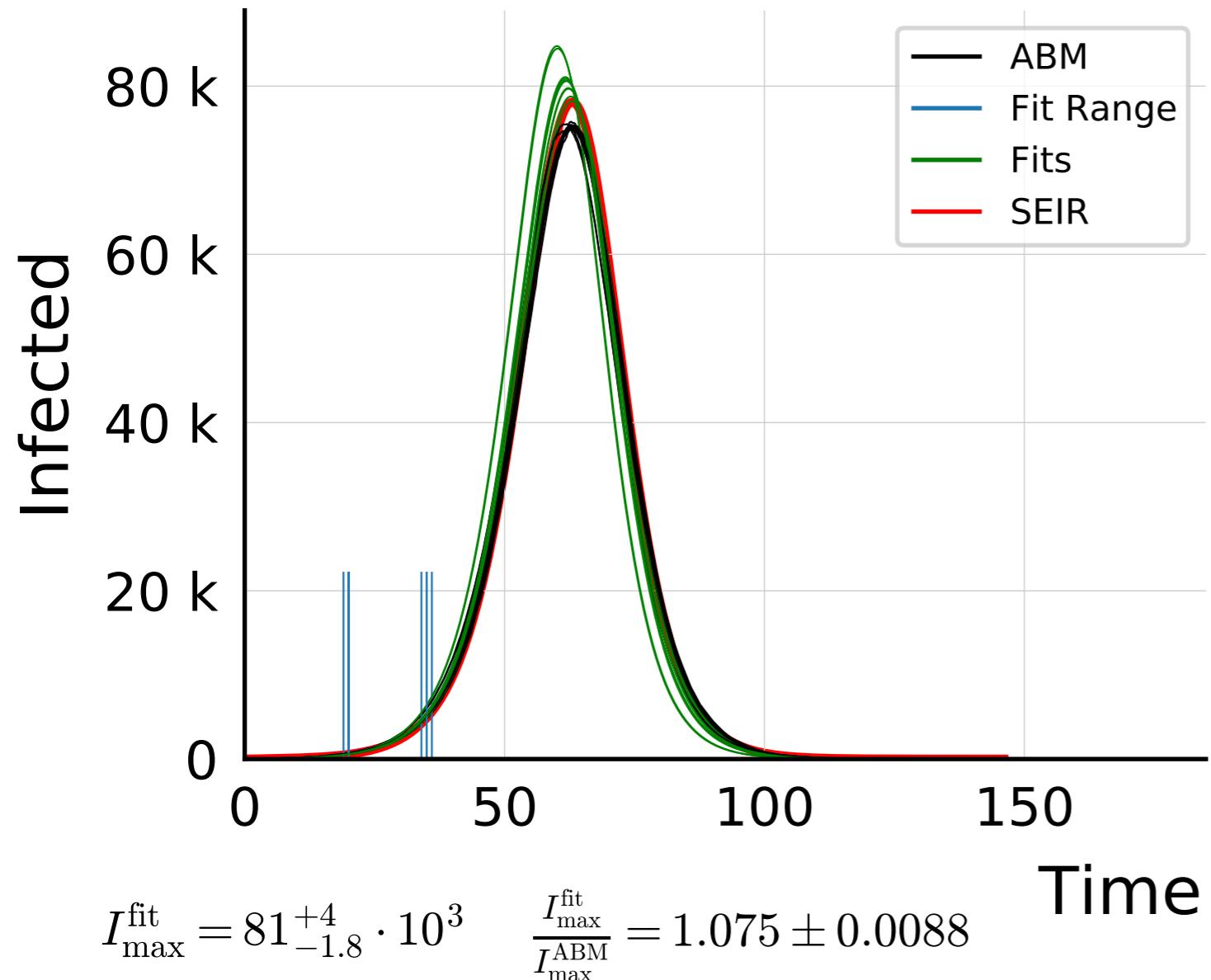
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



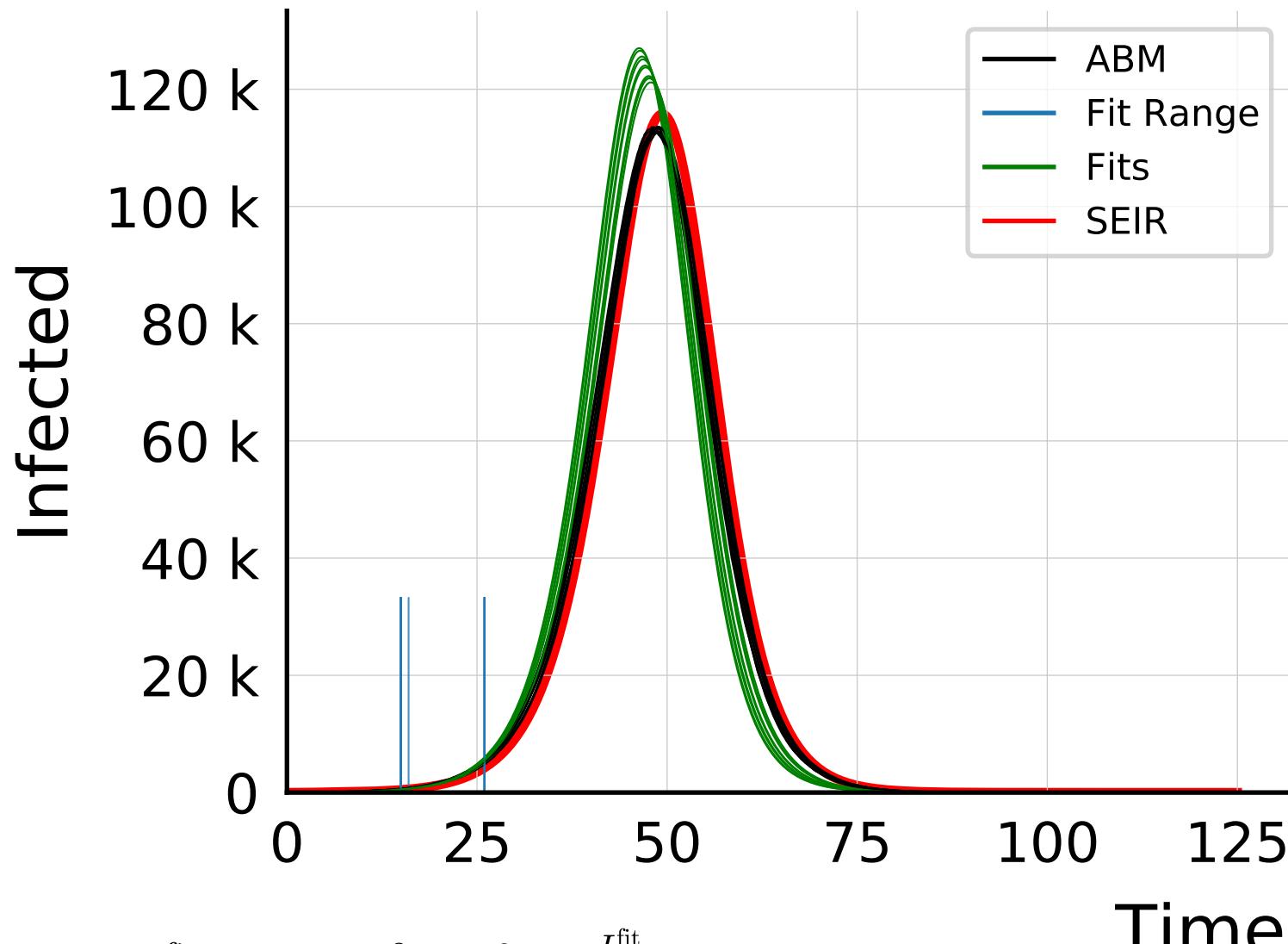
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 50.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 60.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

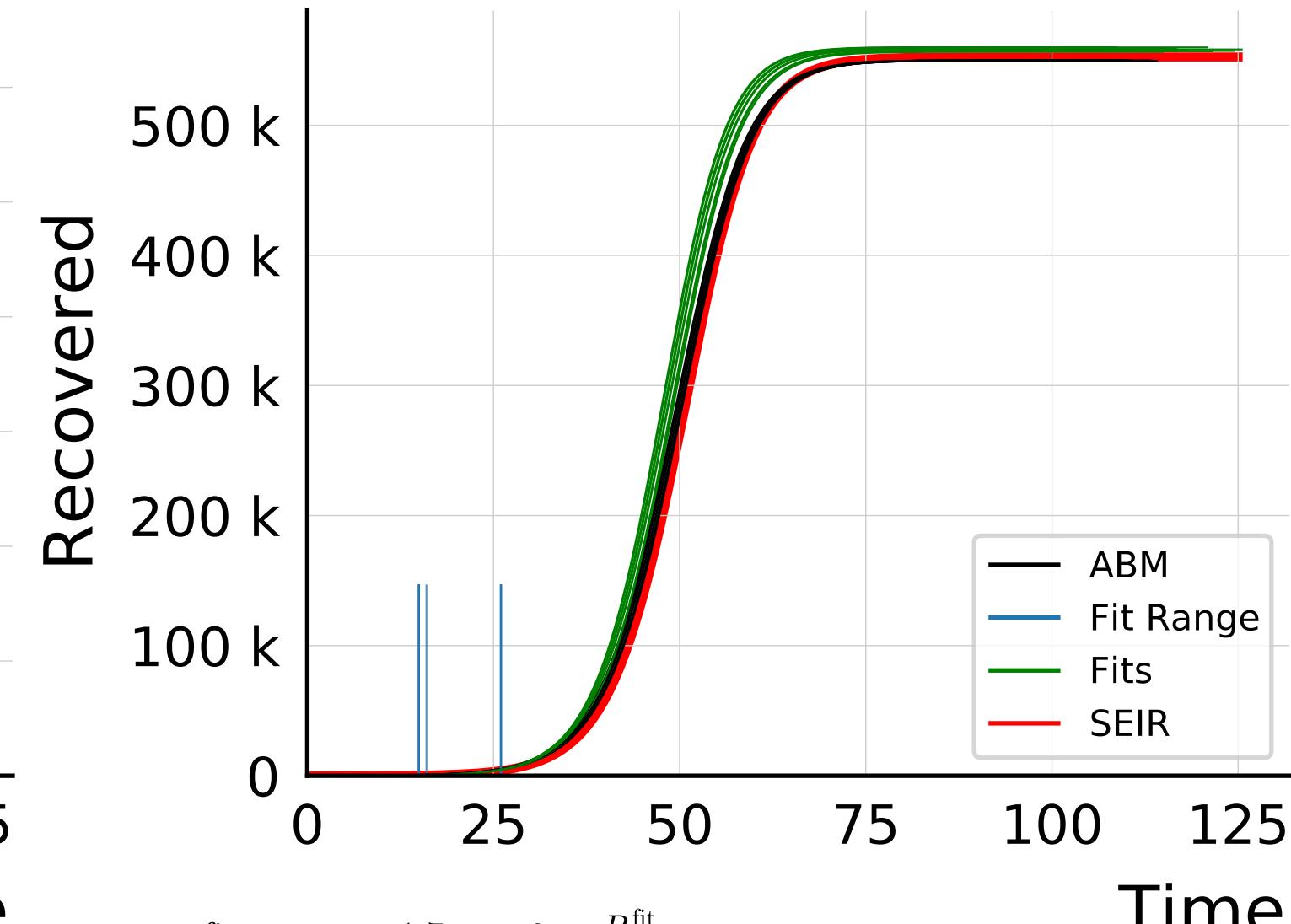


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 80.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 124_{-2}^{+3} \cdot 10^3$$

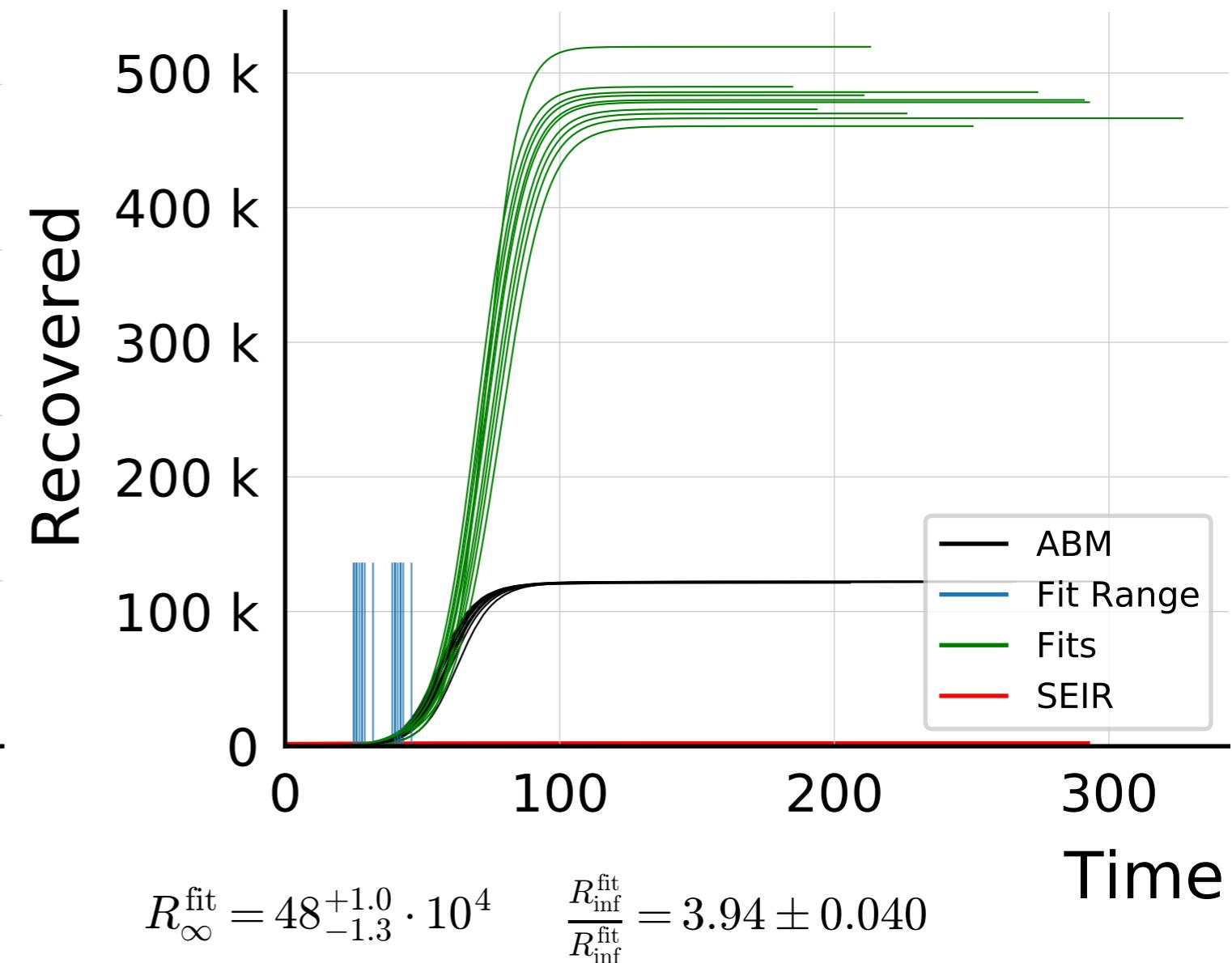
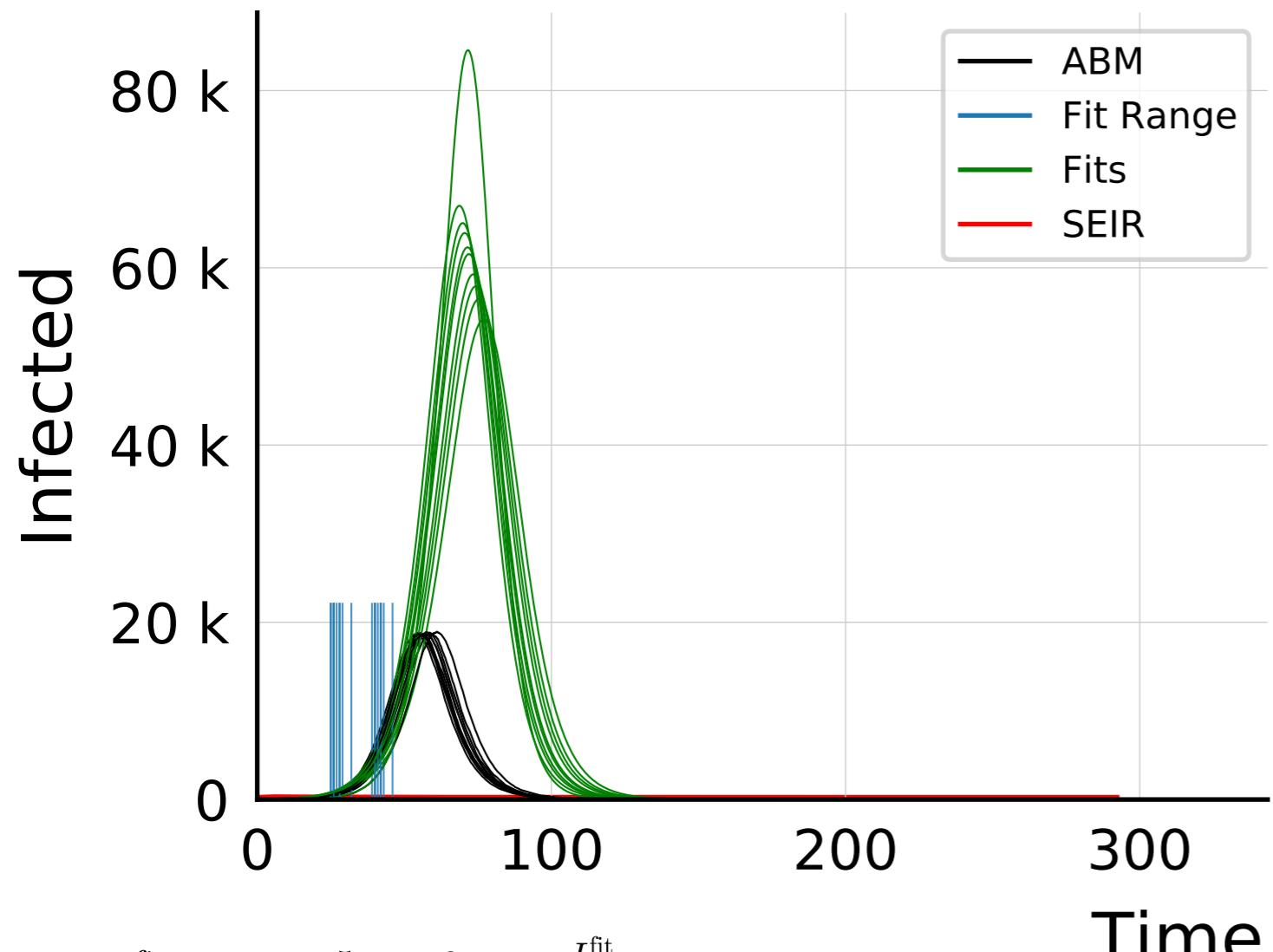
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.095 \pm 0.0057$$



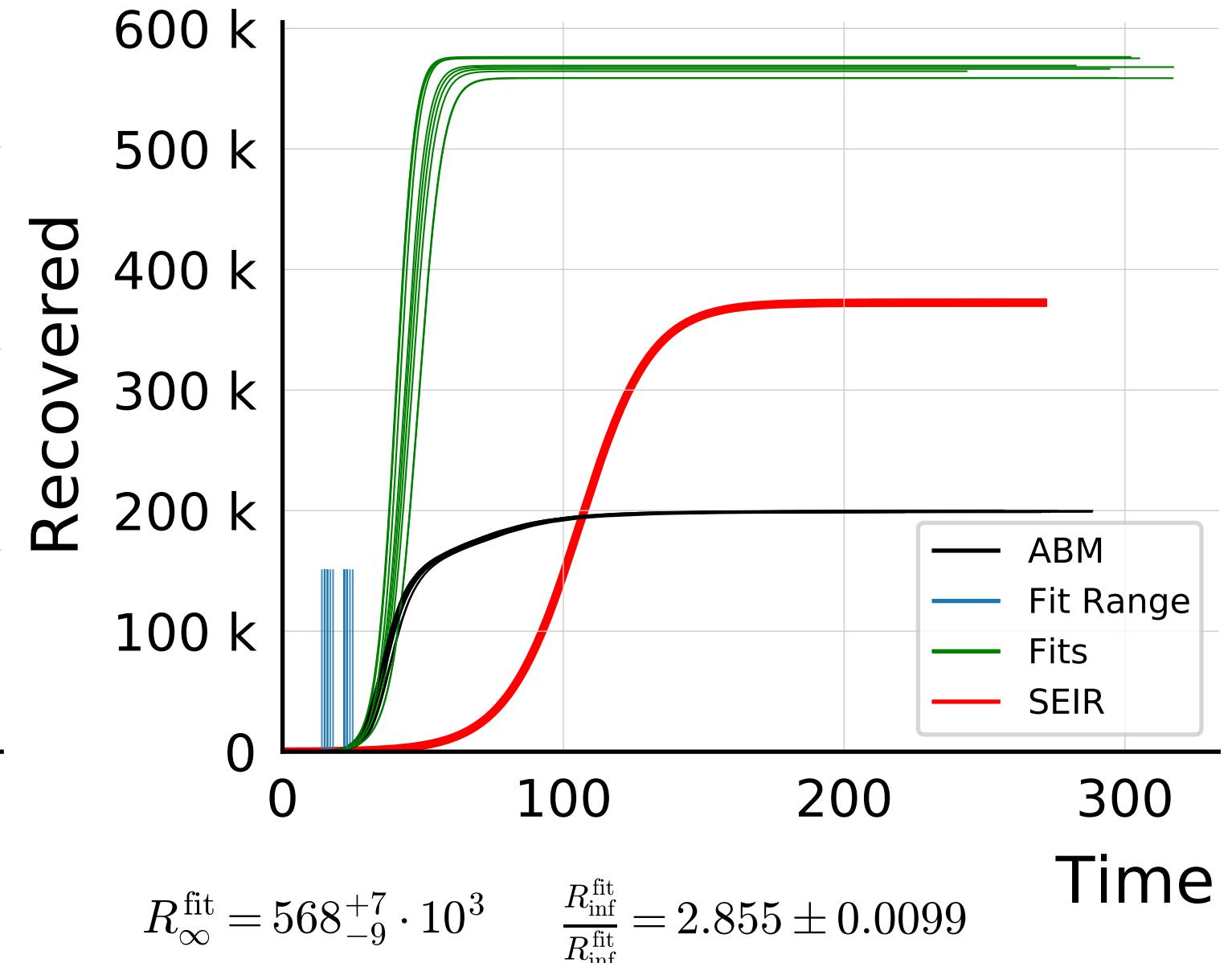
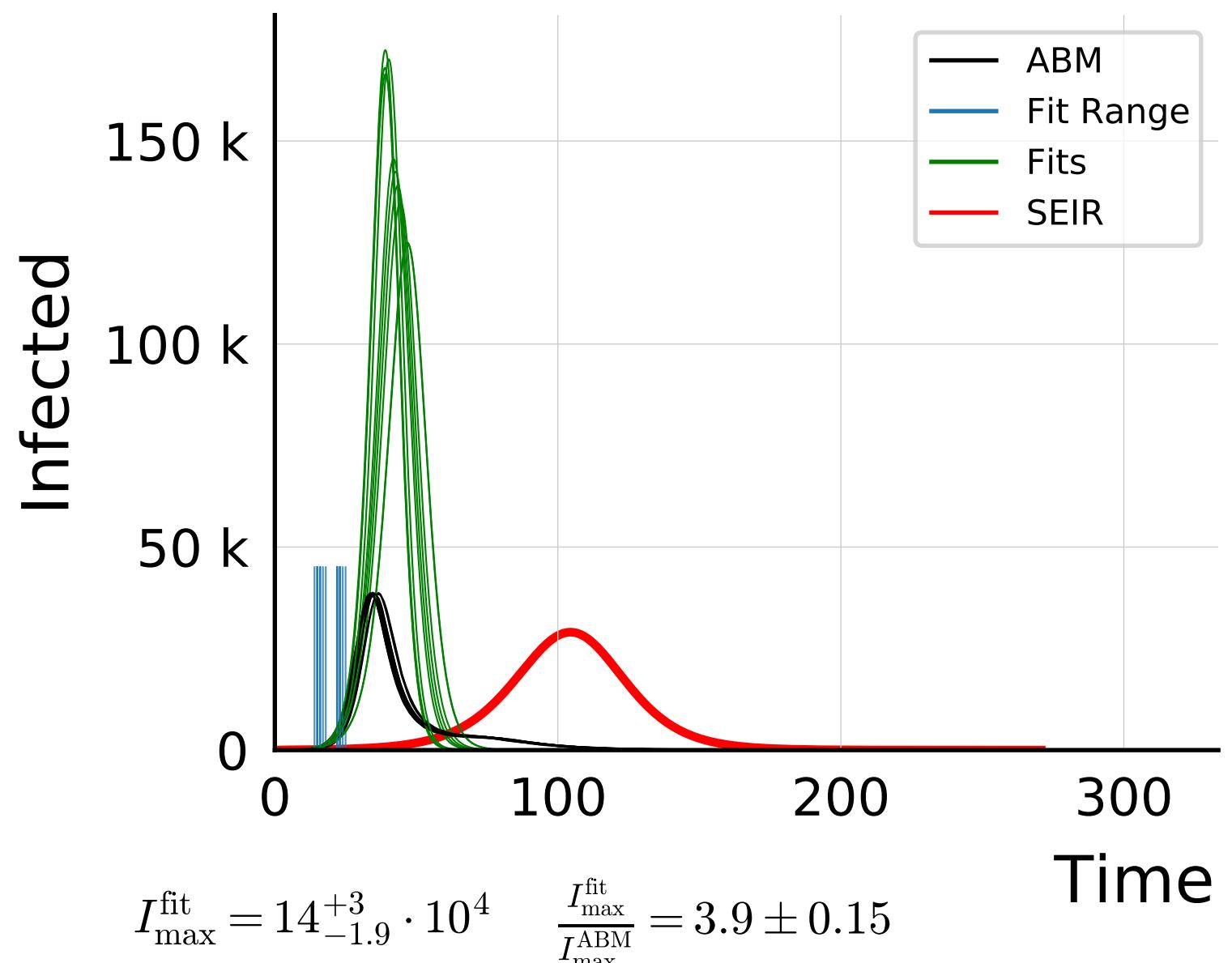
$$R_{\infty}^{\text{fit}} = 558_{-1.4}^{+1.7} \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.015 \pm 0.00074$$

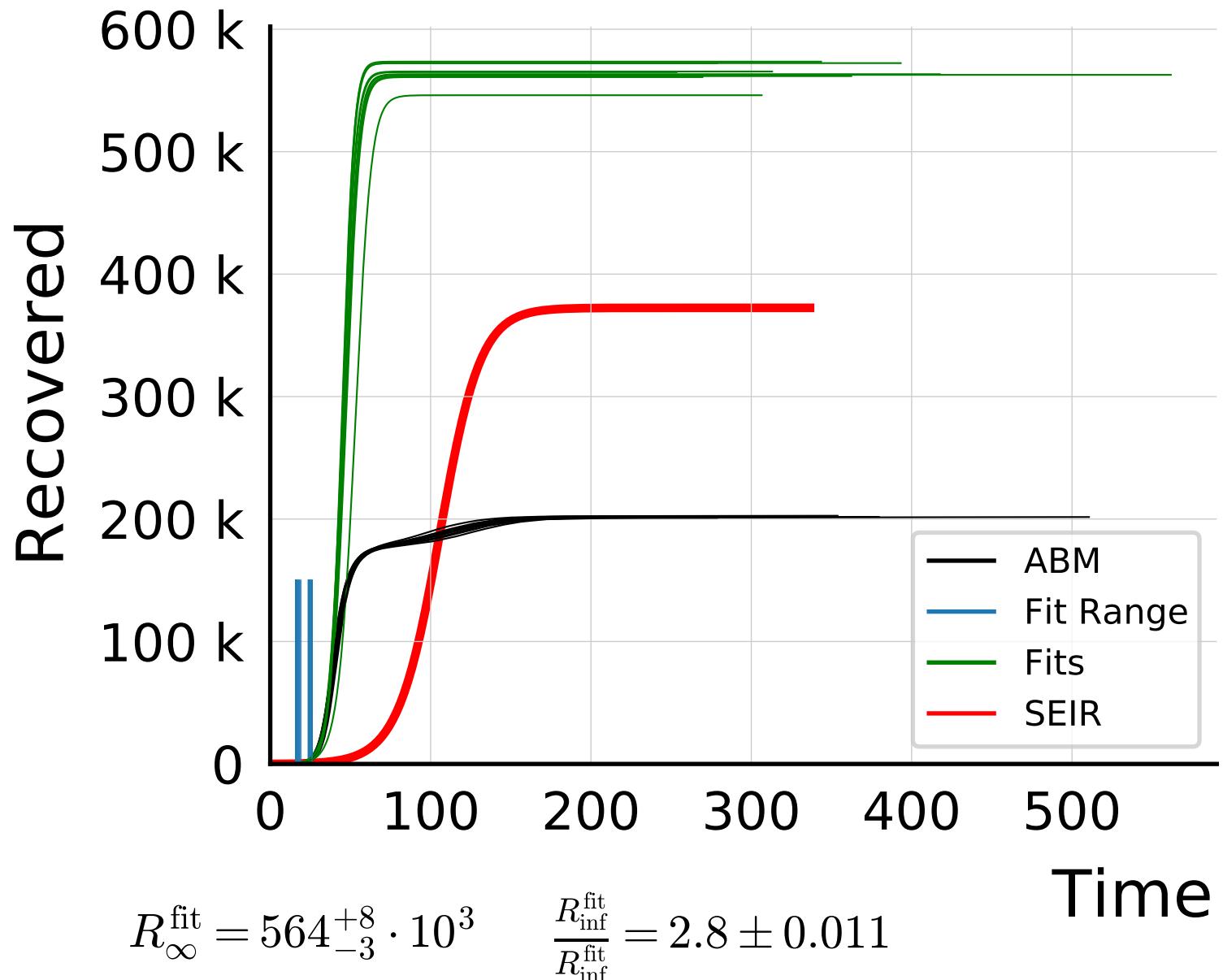
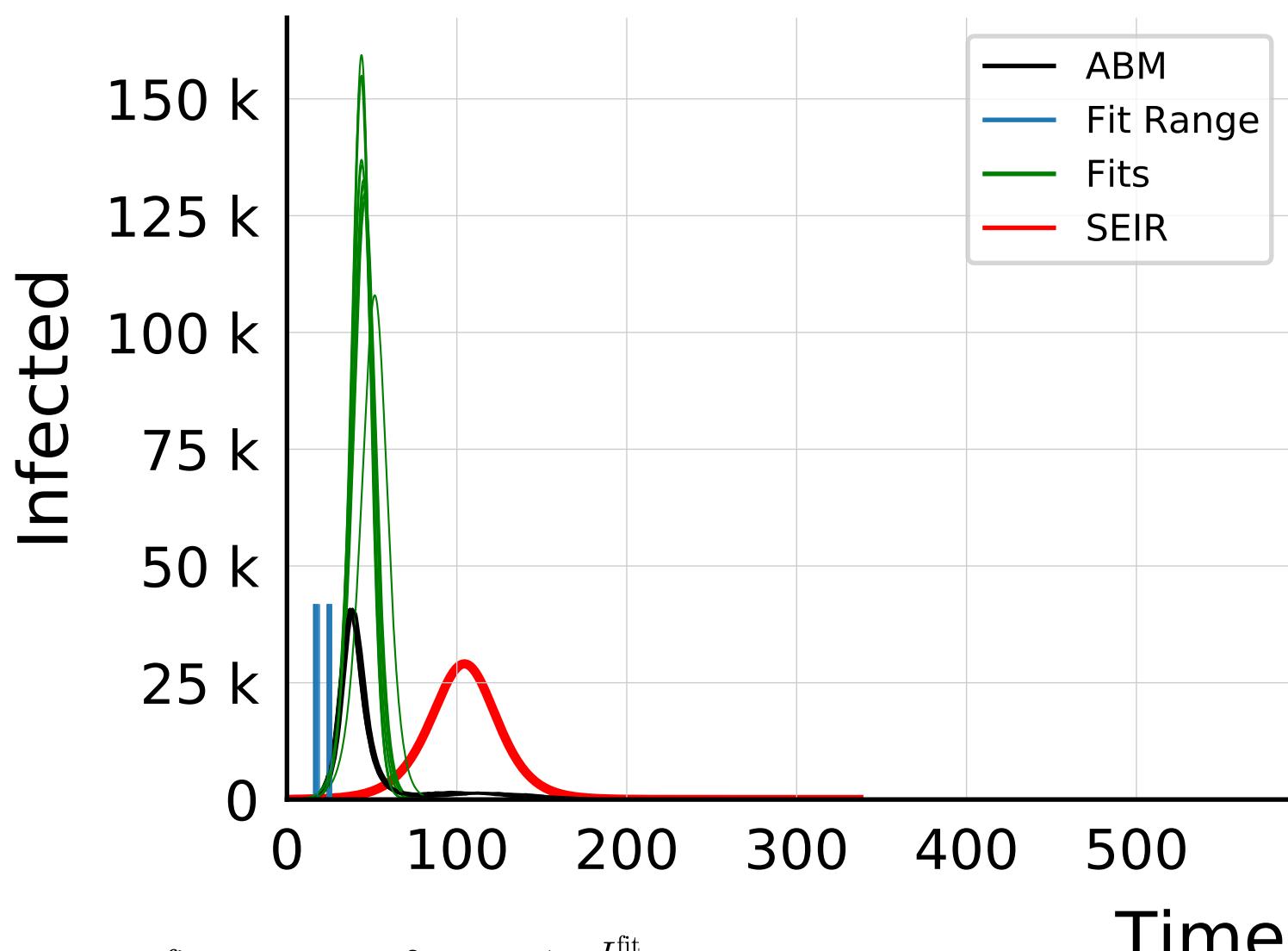
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



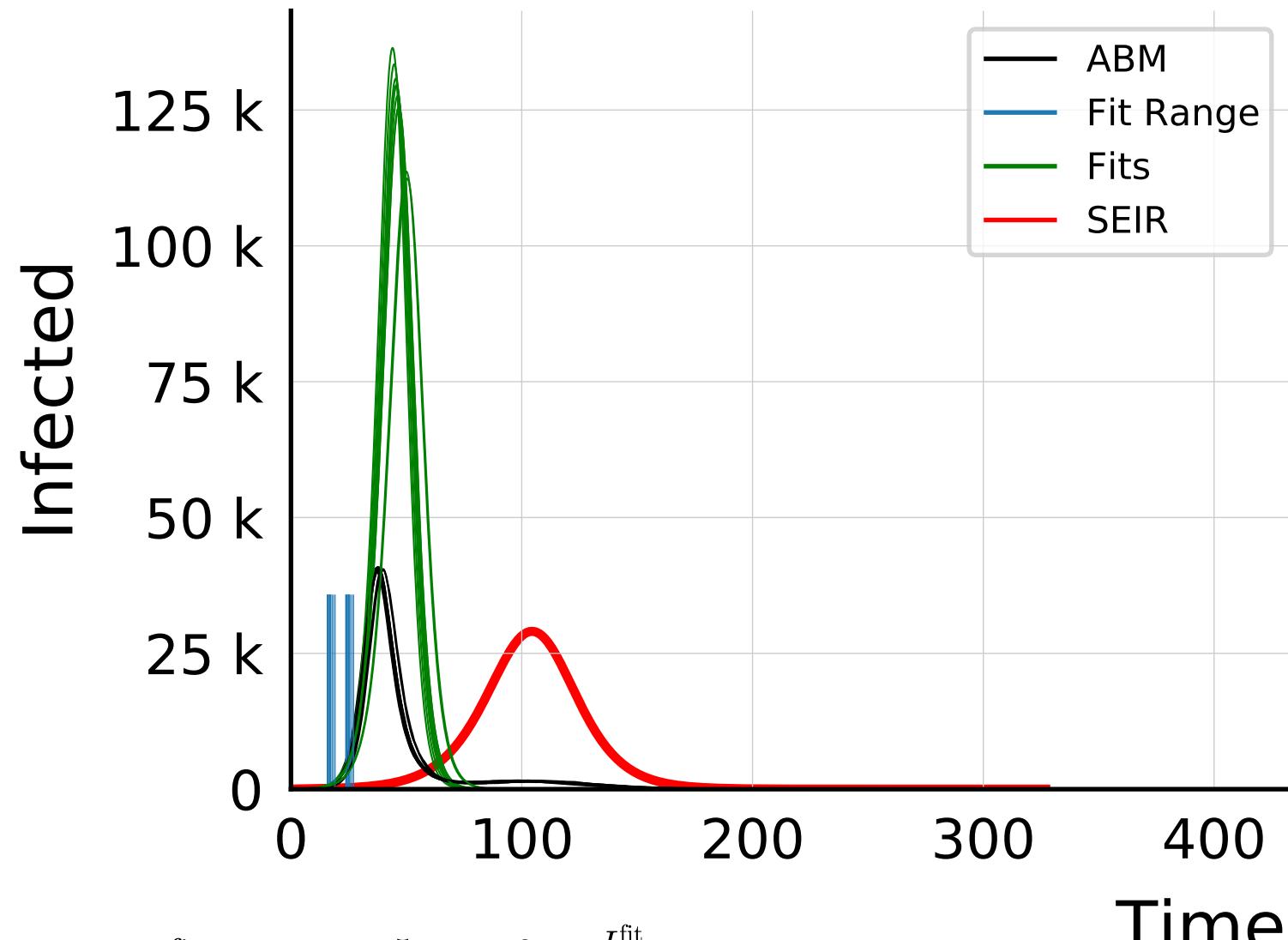
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.15$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



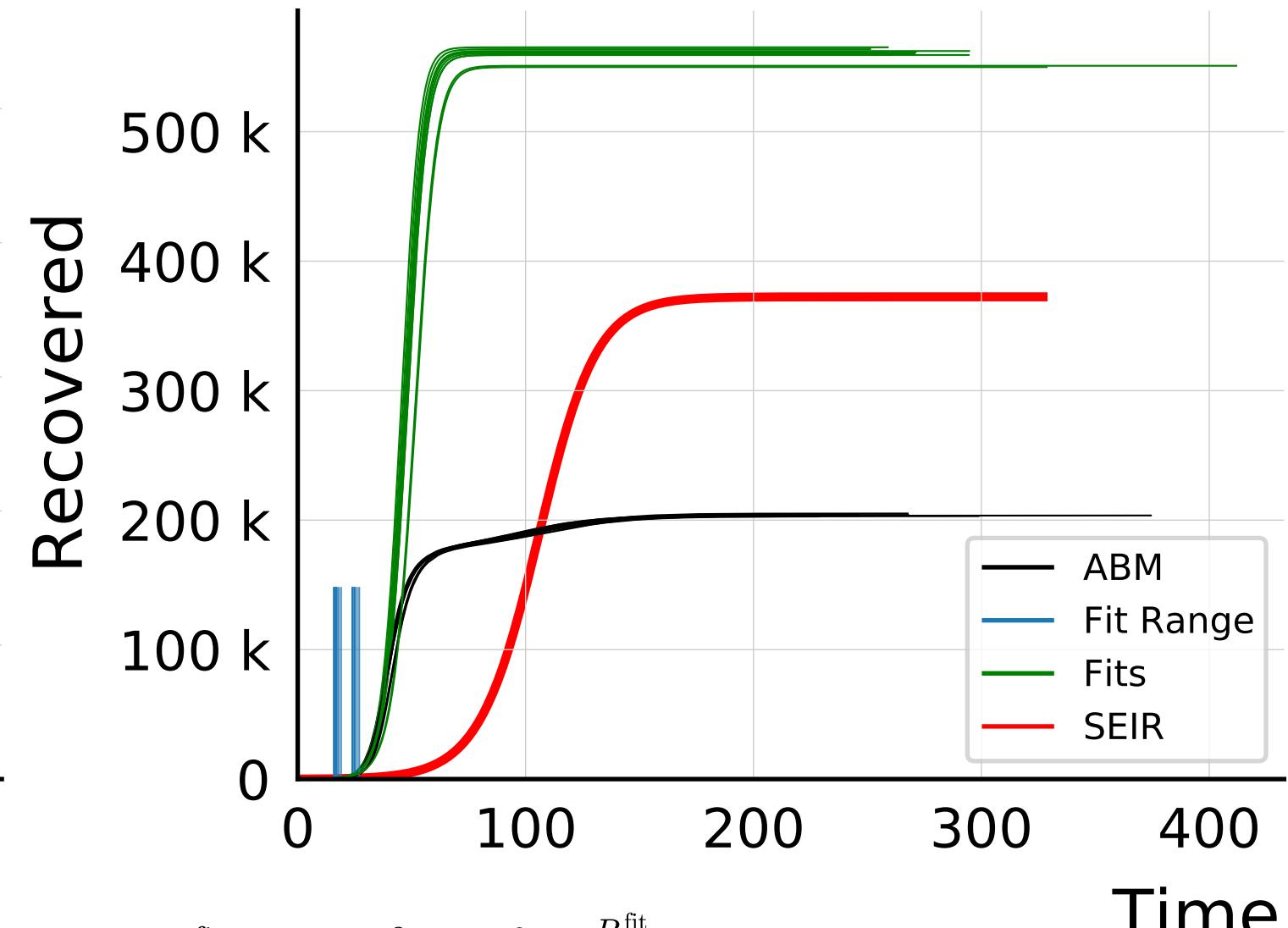
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.005$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.01$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

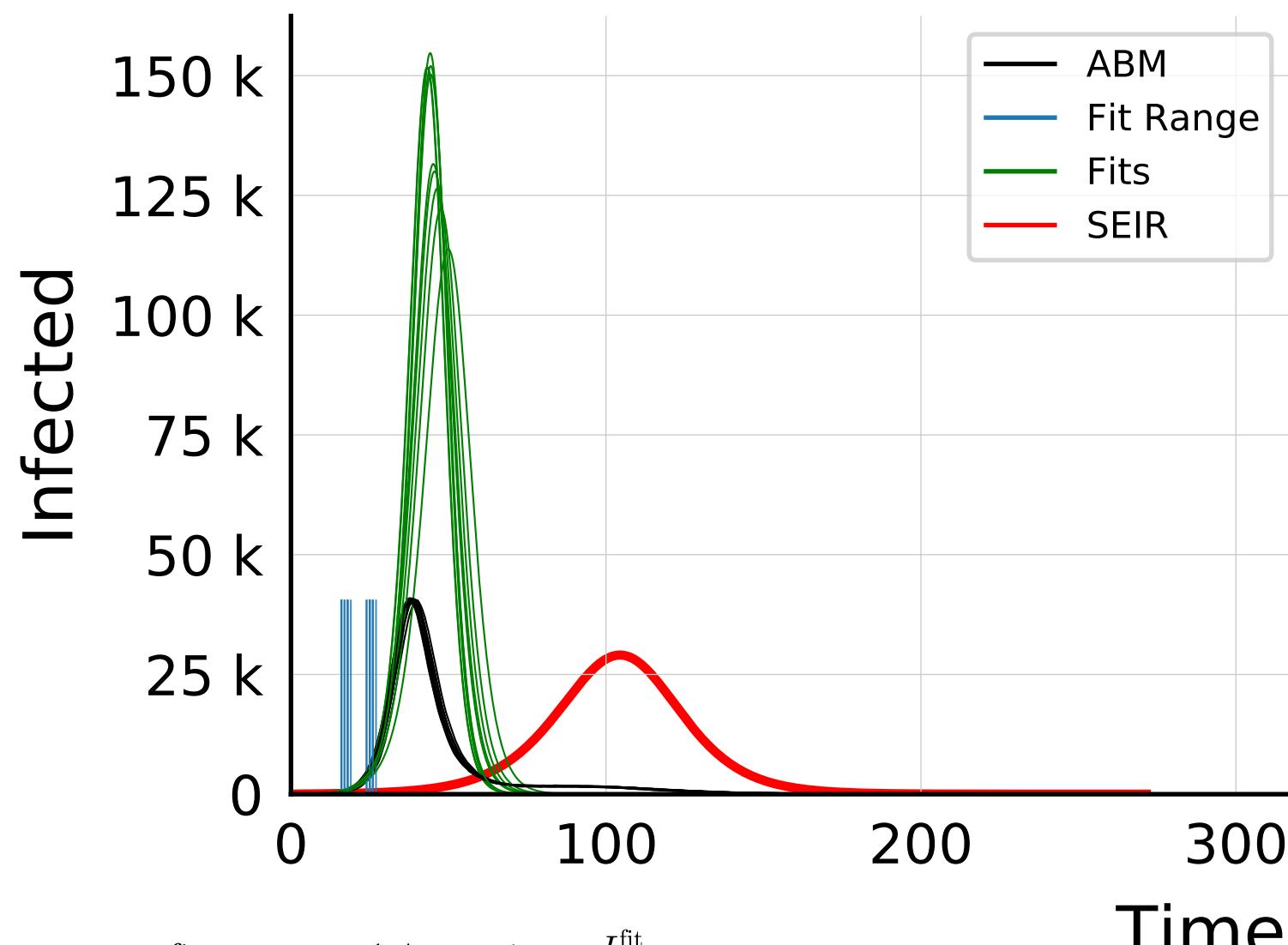


$$I_{\max}^{\text{fit}} = 129^{+5}_{-15} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.11 \pm 0.057$$

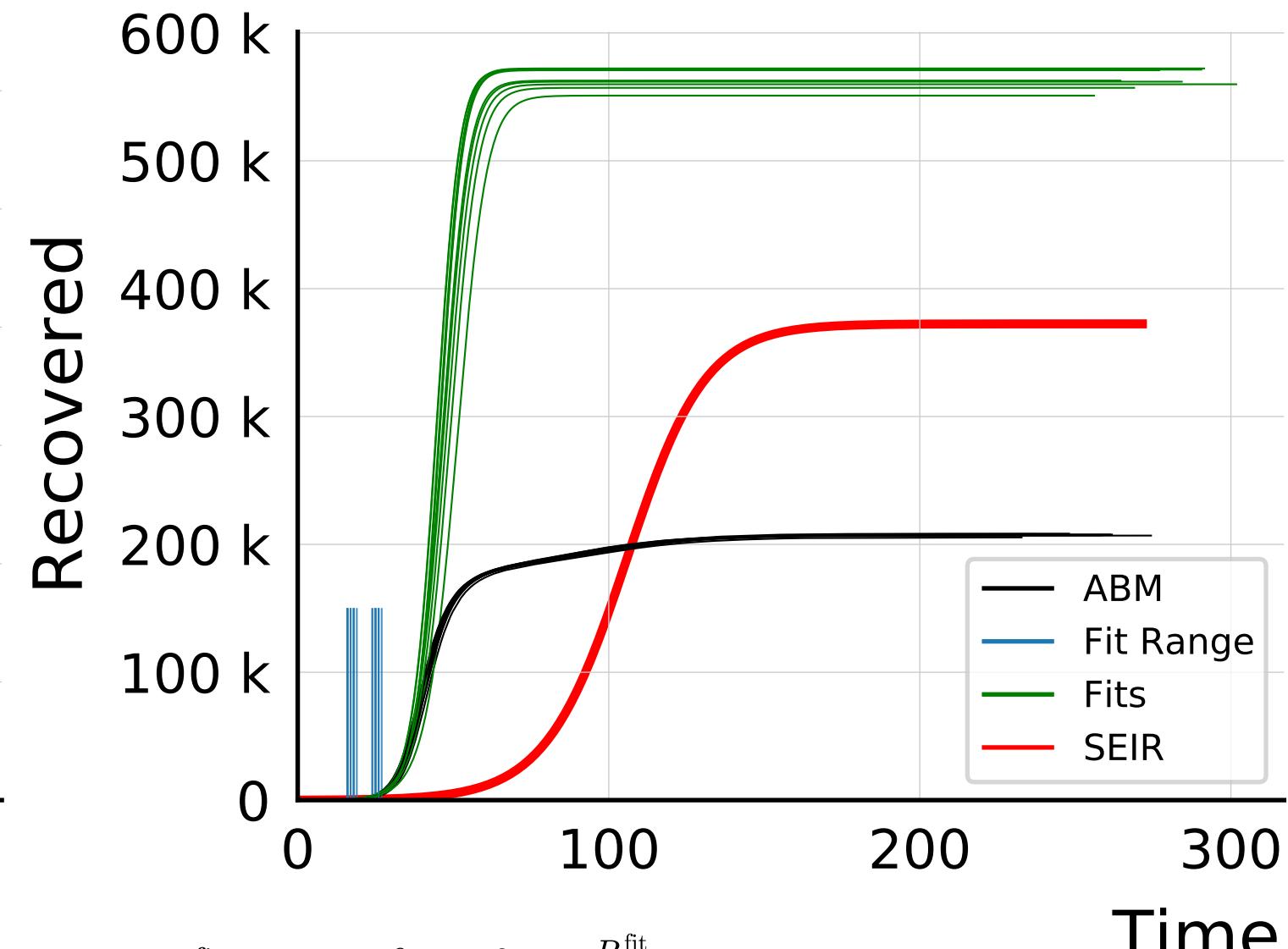


$$R_{\infty}^{\text{fit}} = 561^{+3}_{-10} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.746 \pm 0.0079$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.02$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

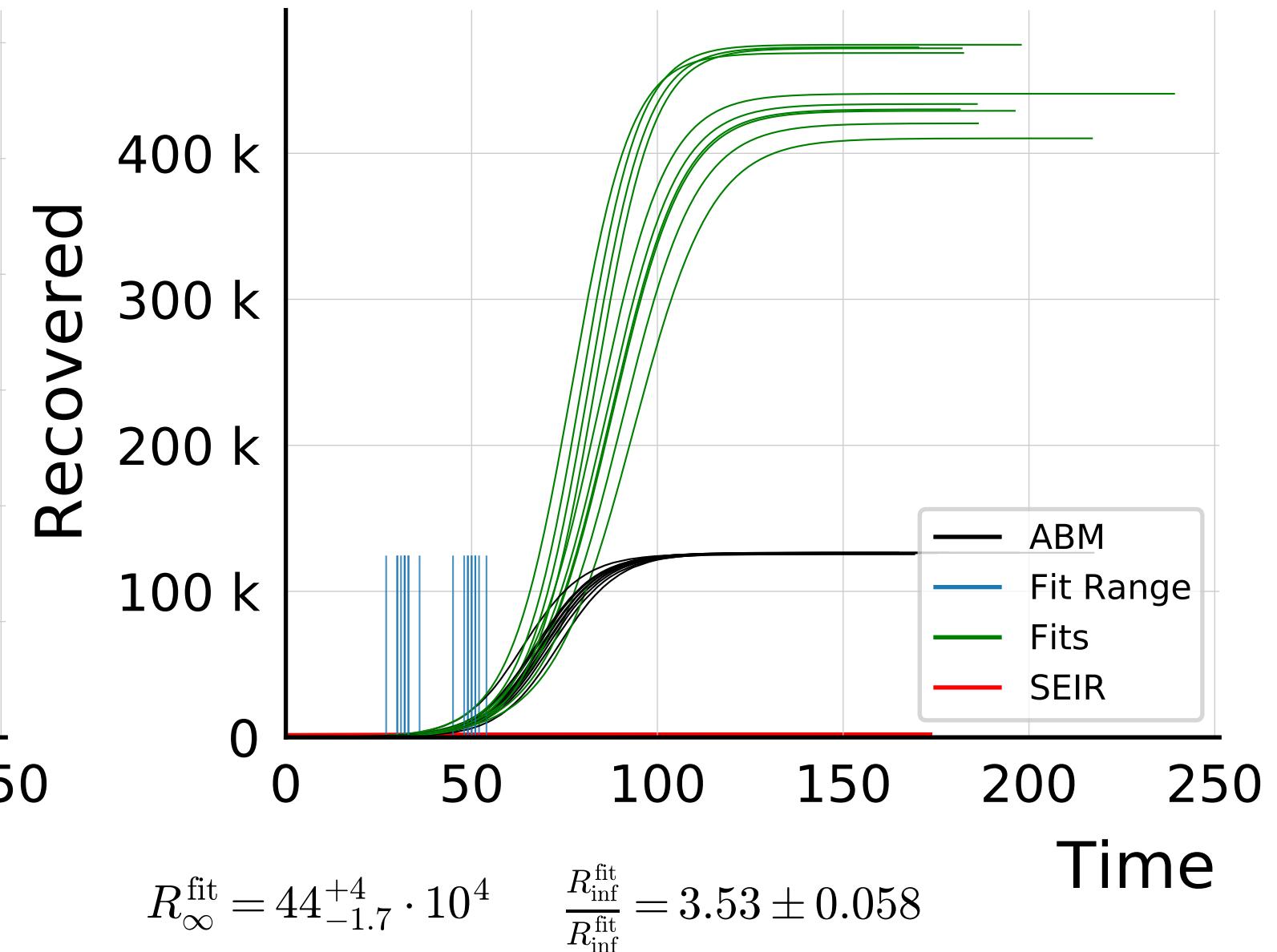
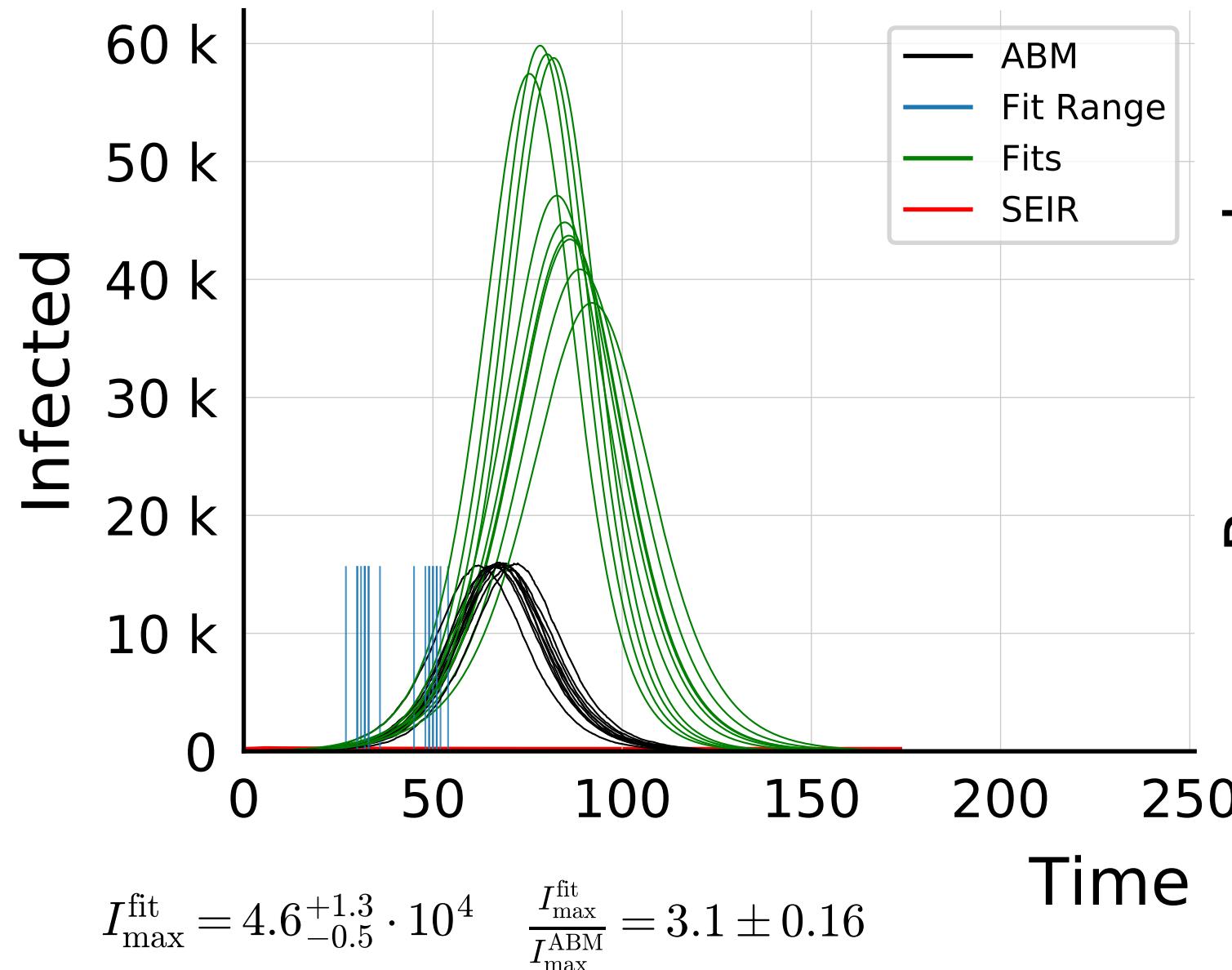


$$I_{\max}^{\text{fit}} = 14^{+1.4}_{-1.7} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.4 \pm 0.11$$

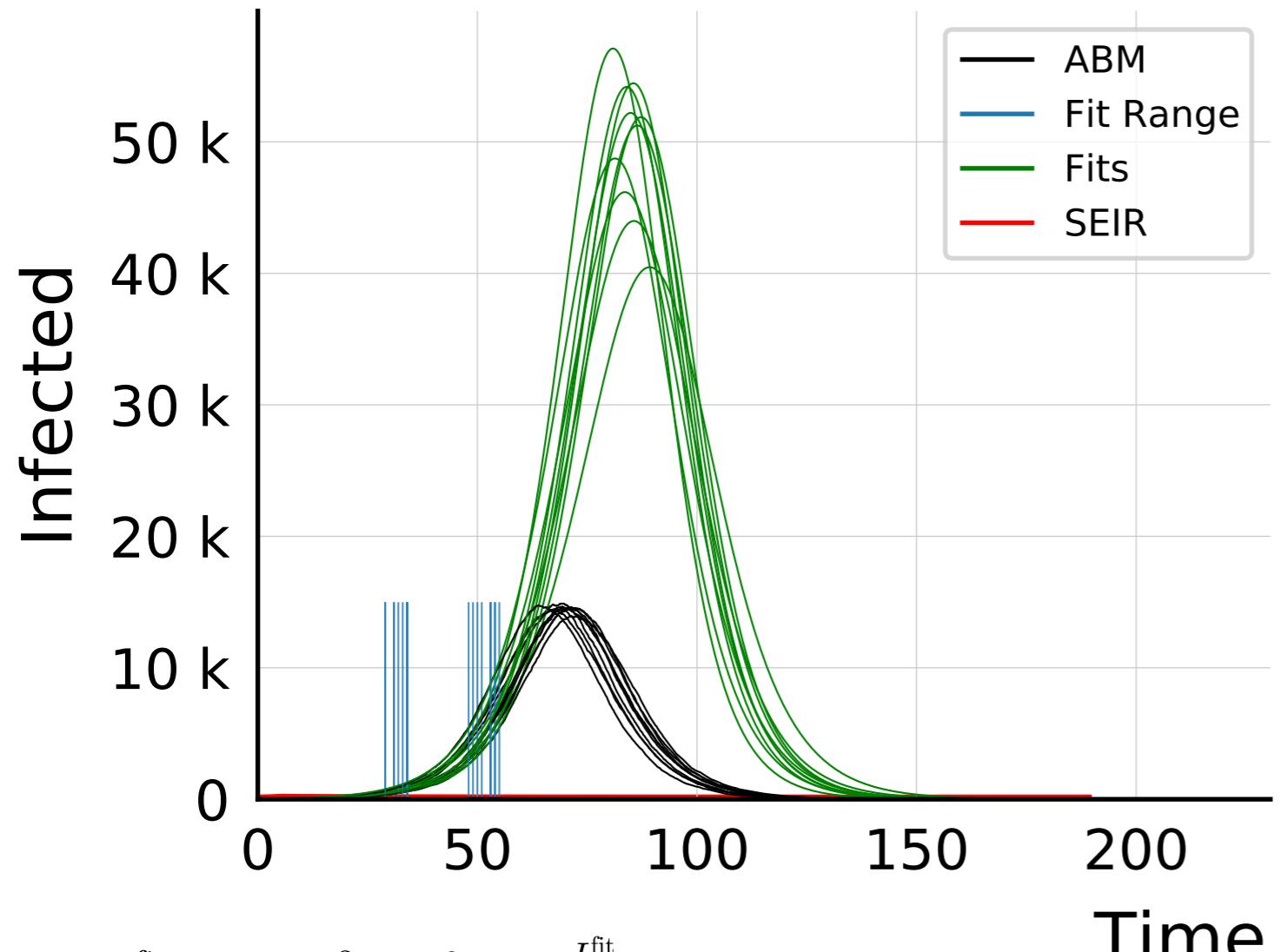


$$R_{\infty}^{\text{fit}} = 566^{+6}_{-9} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 2.725 \pm 0.0086$$

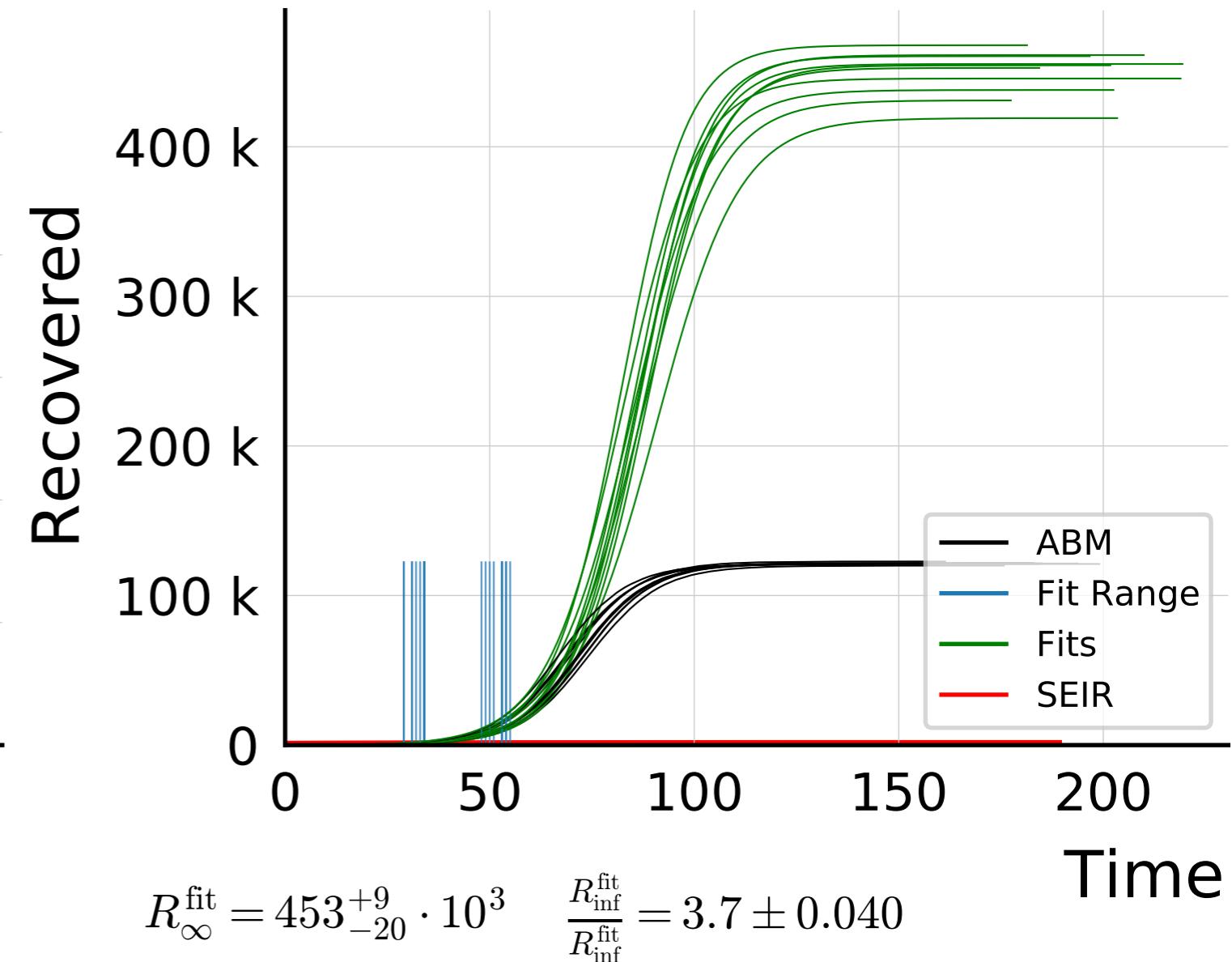
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

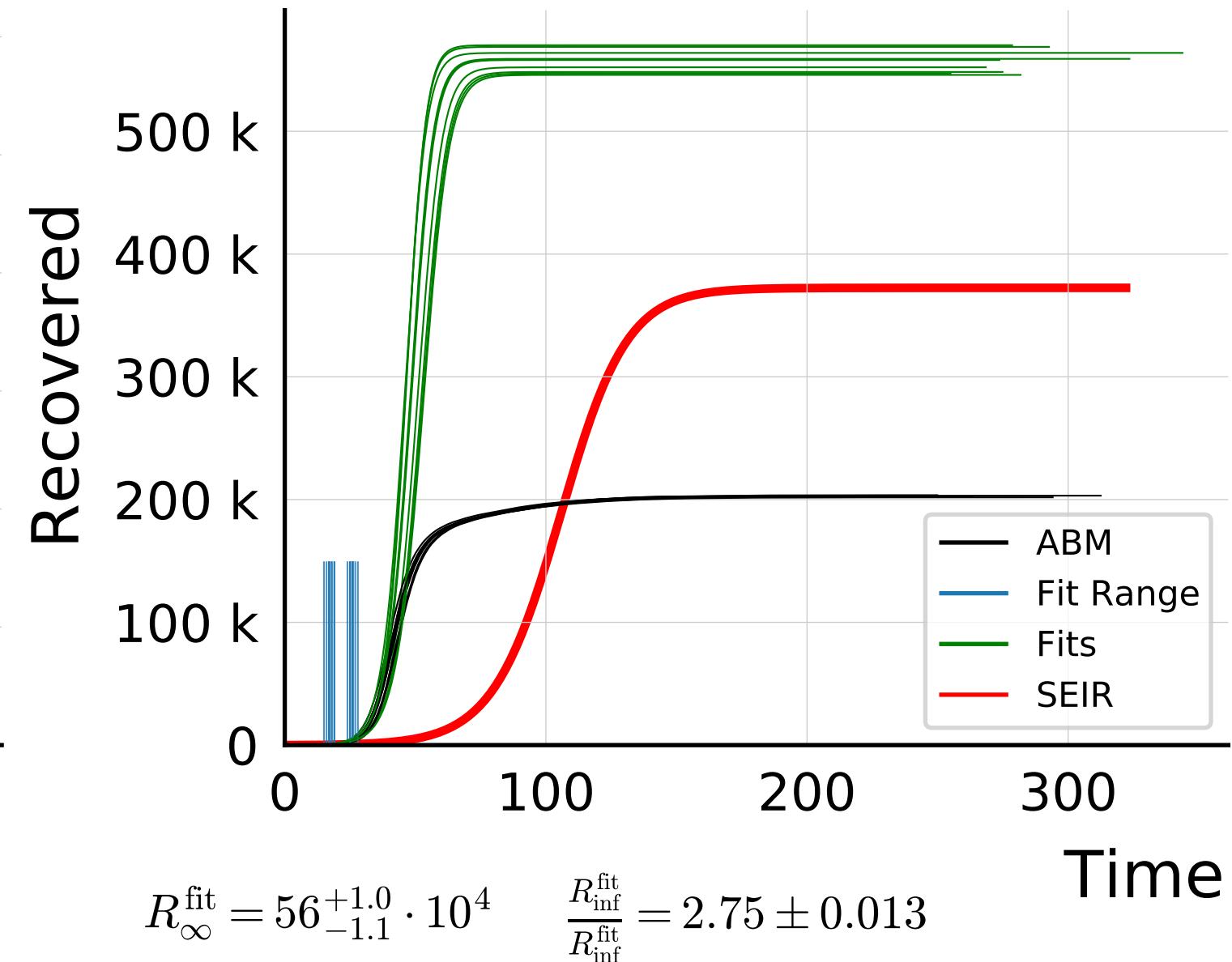
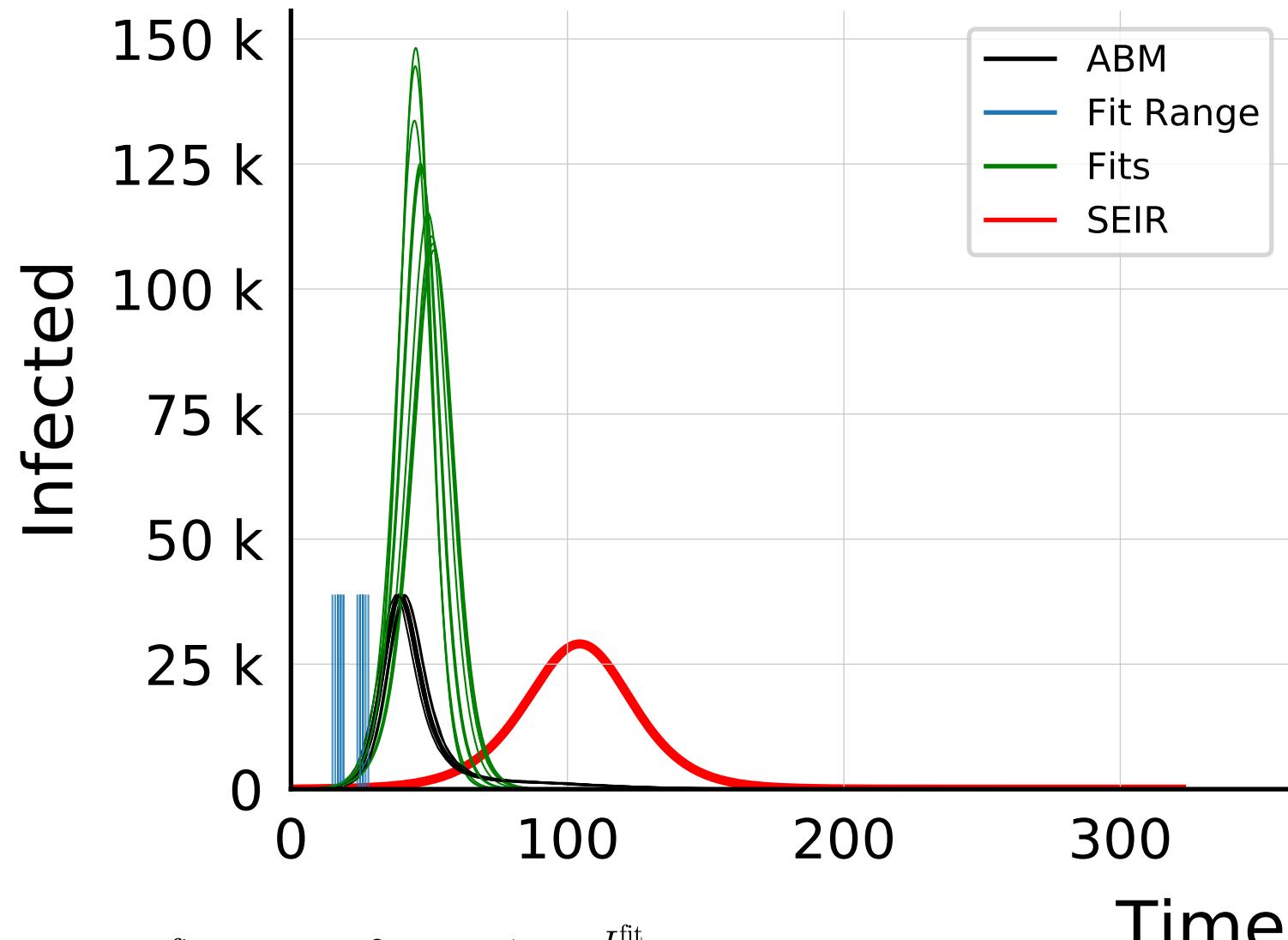


$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 3.4 \pm 0.11$$

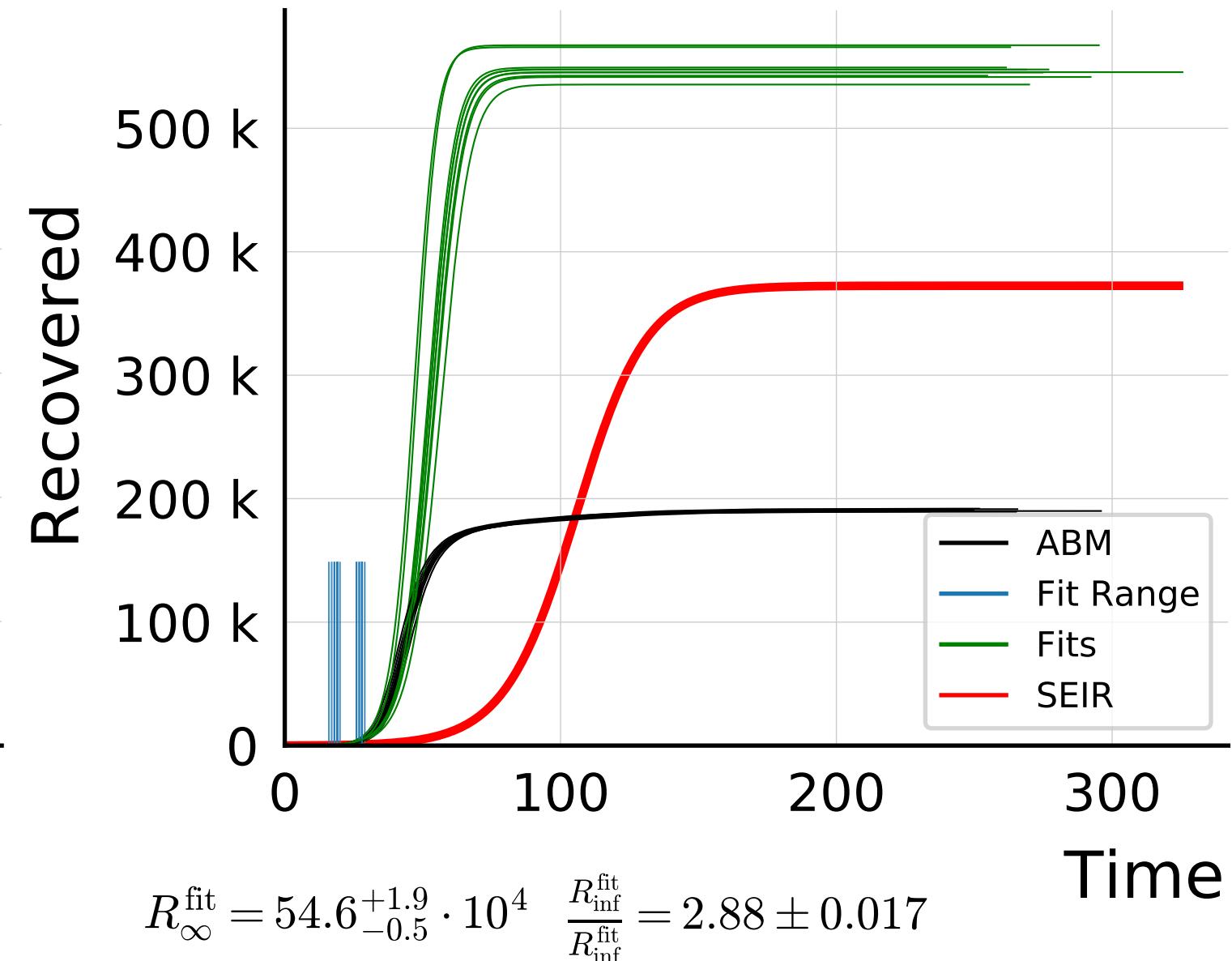
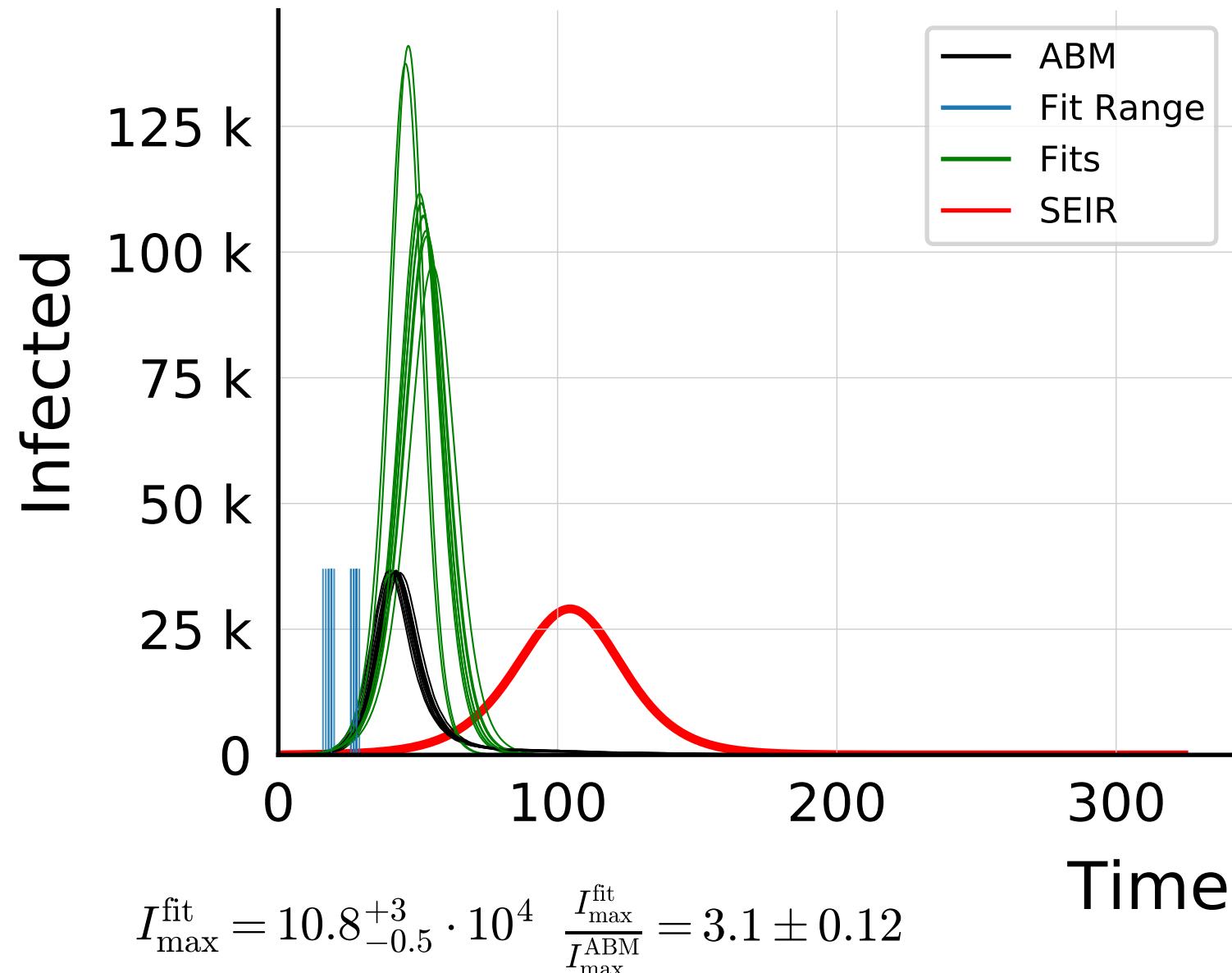


$$\frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 3.7 \pm 0.040$$

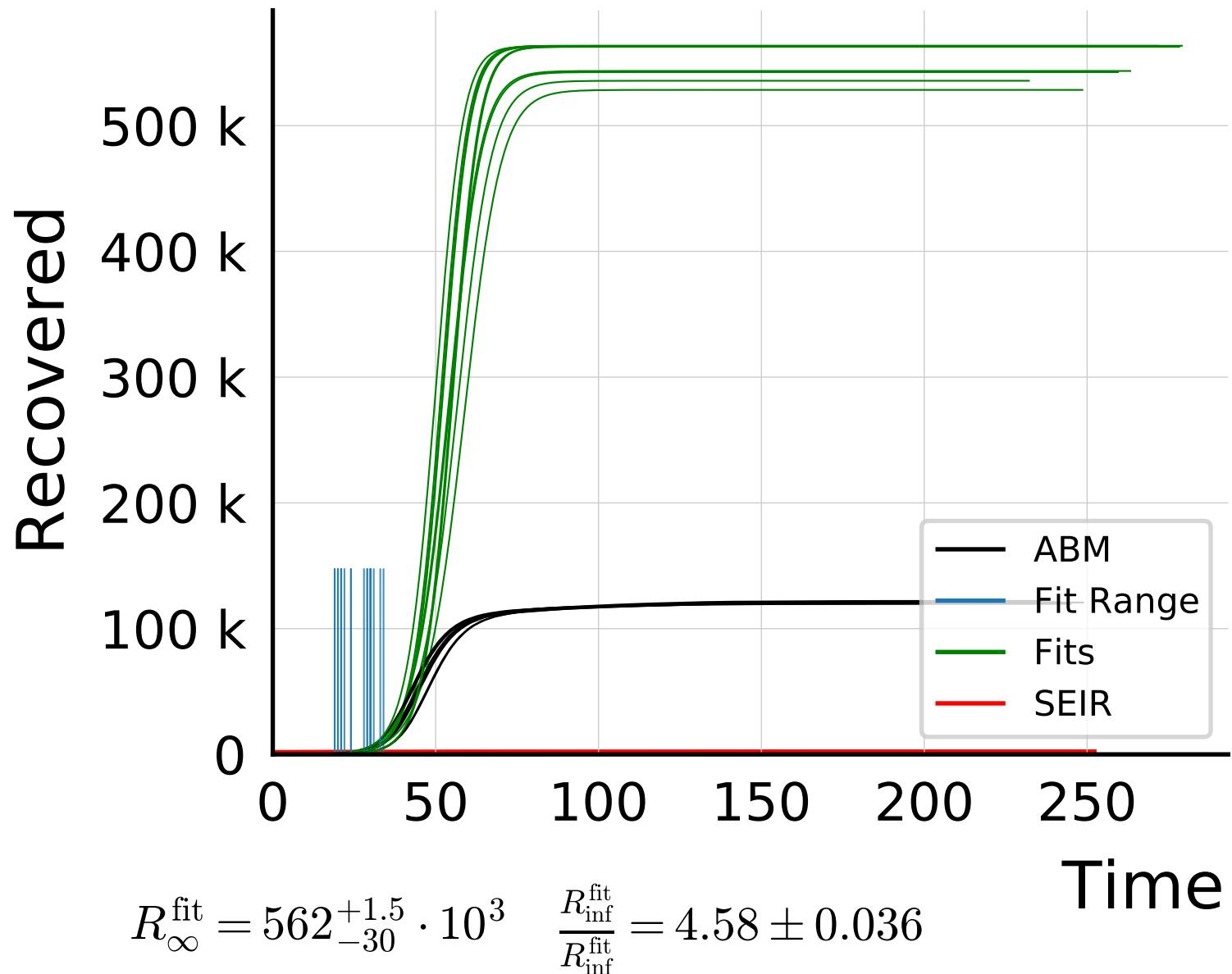
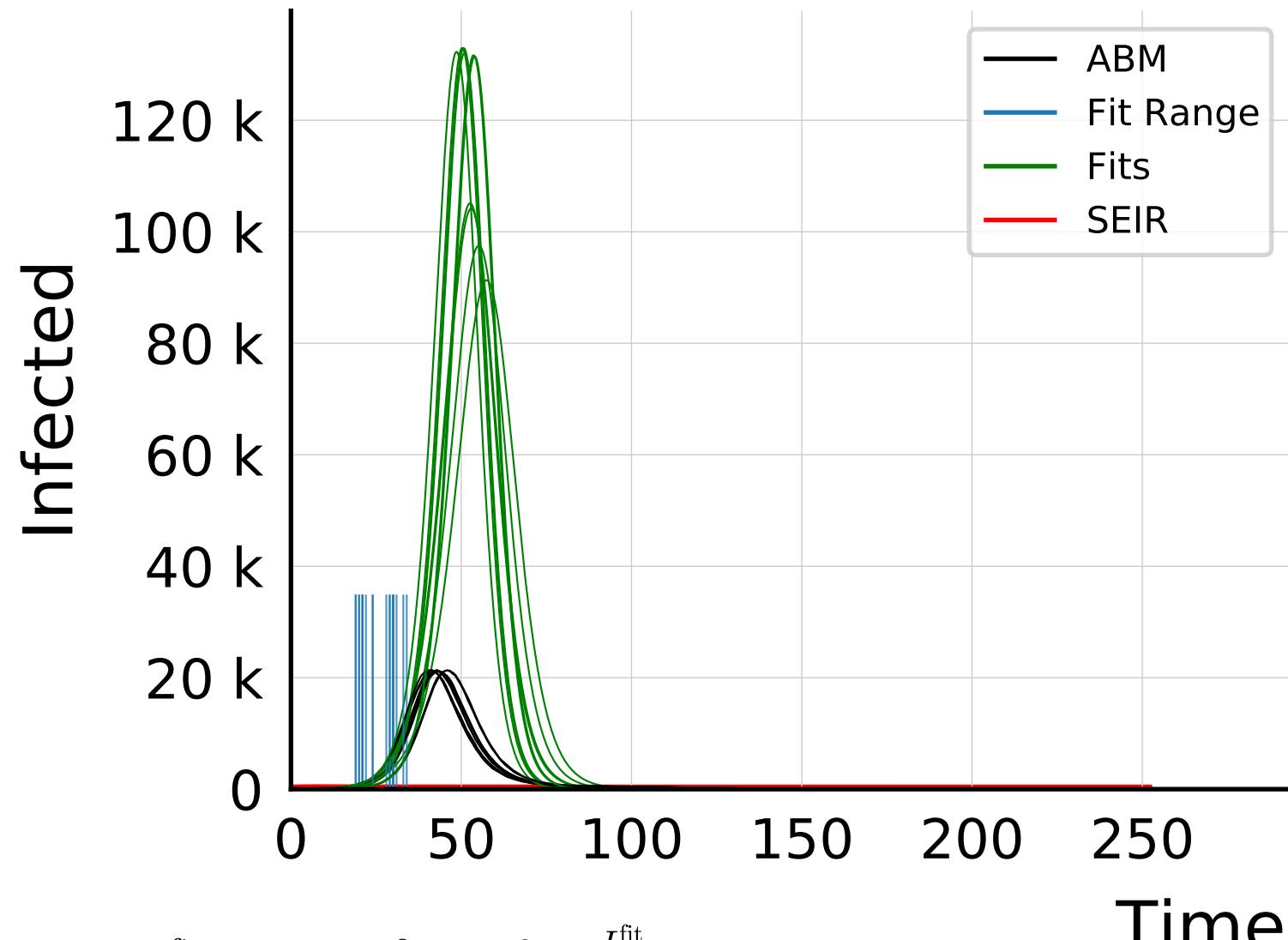
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



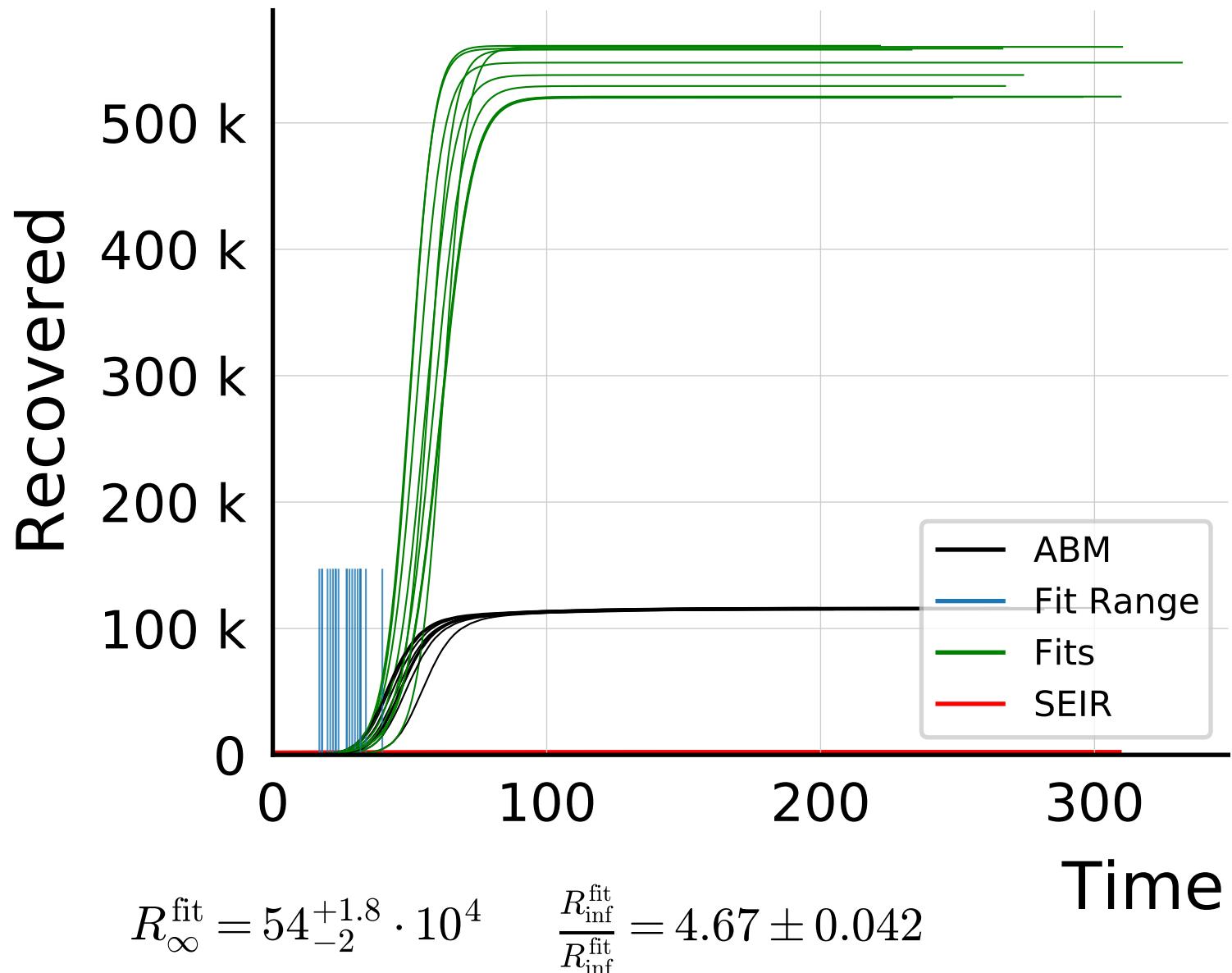
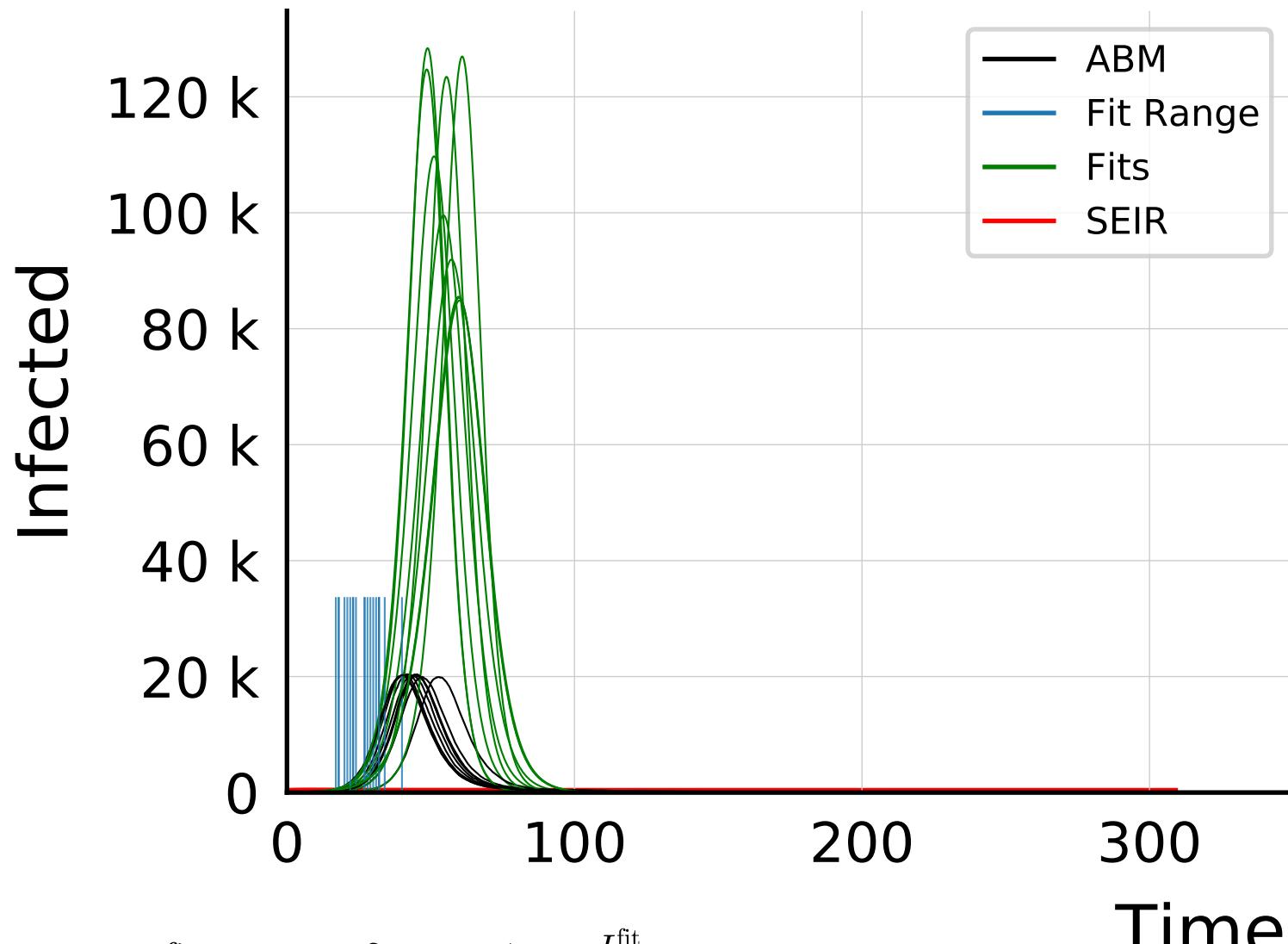
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



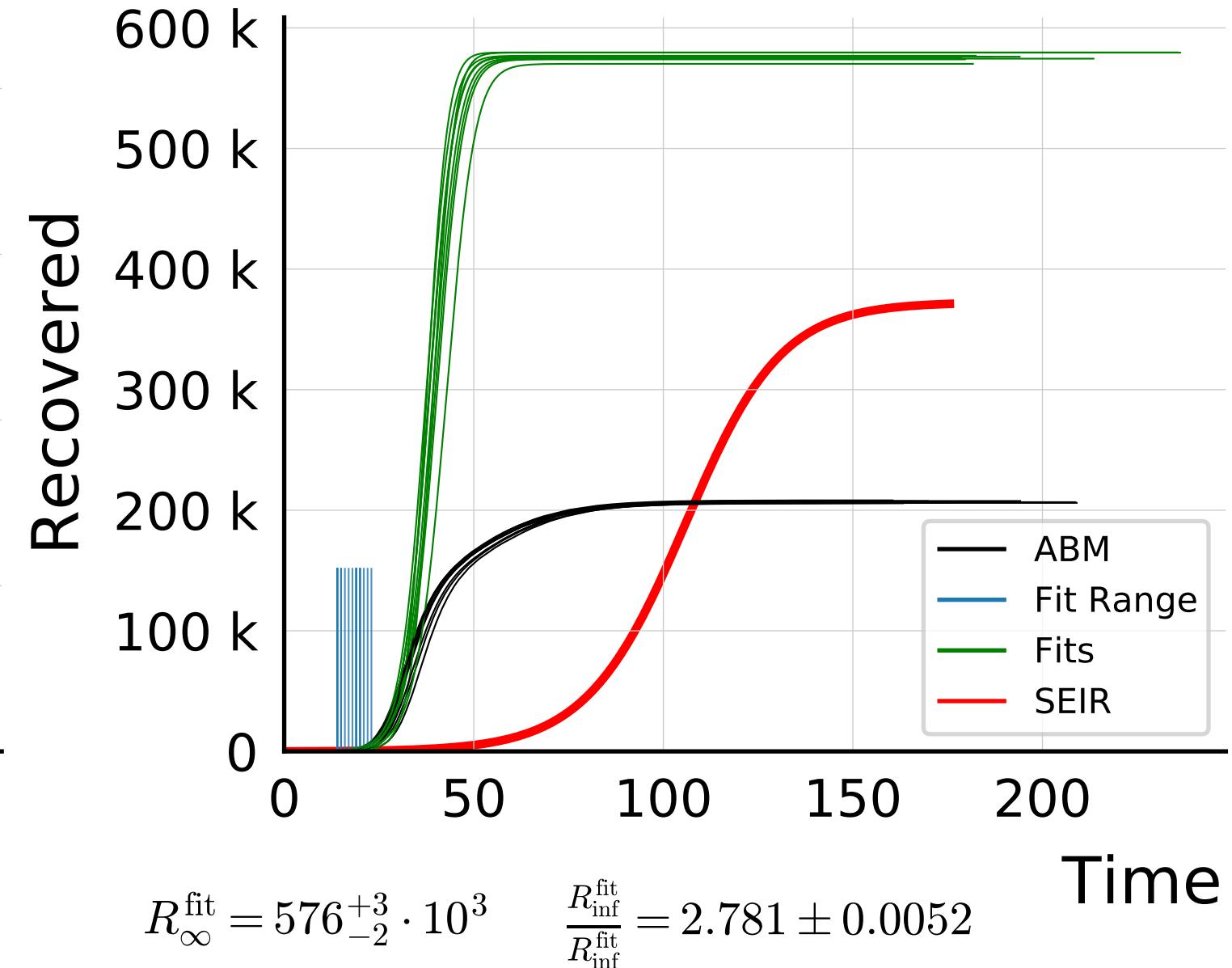
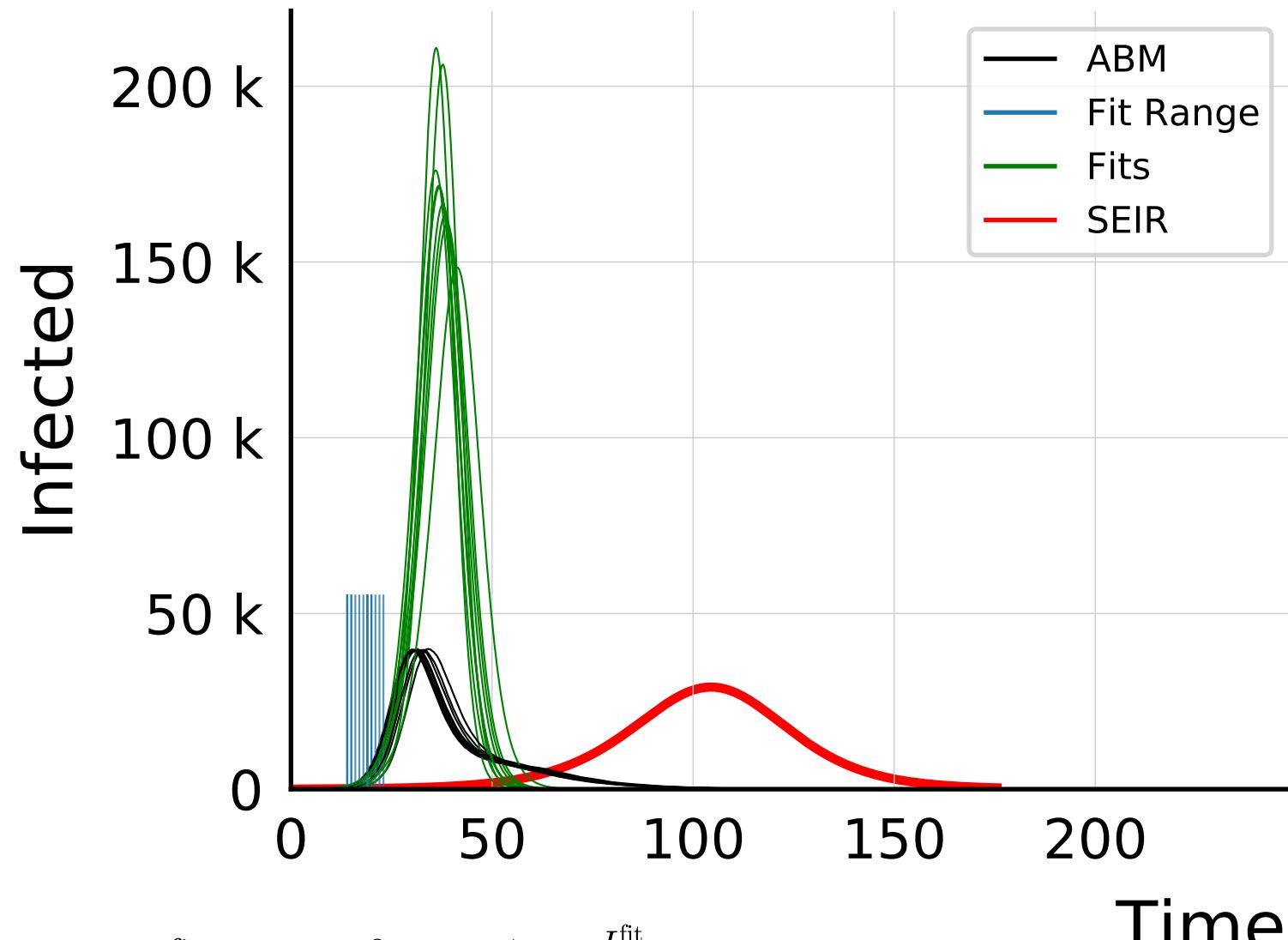
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



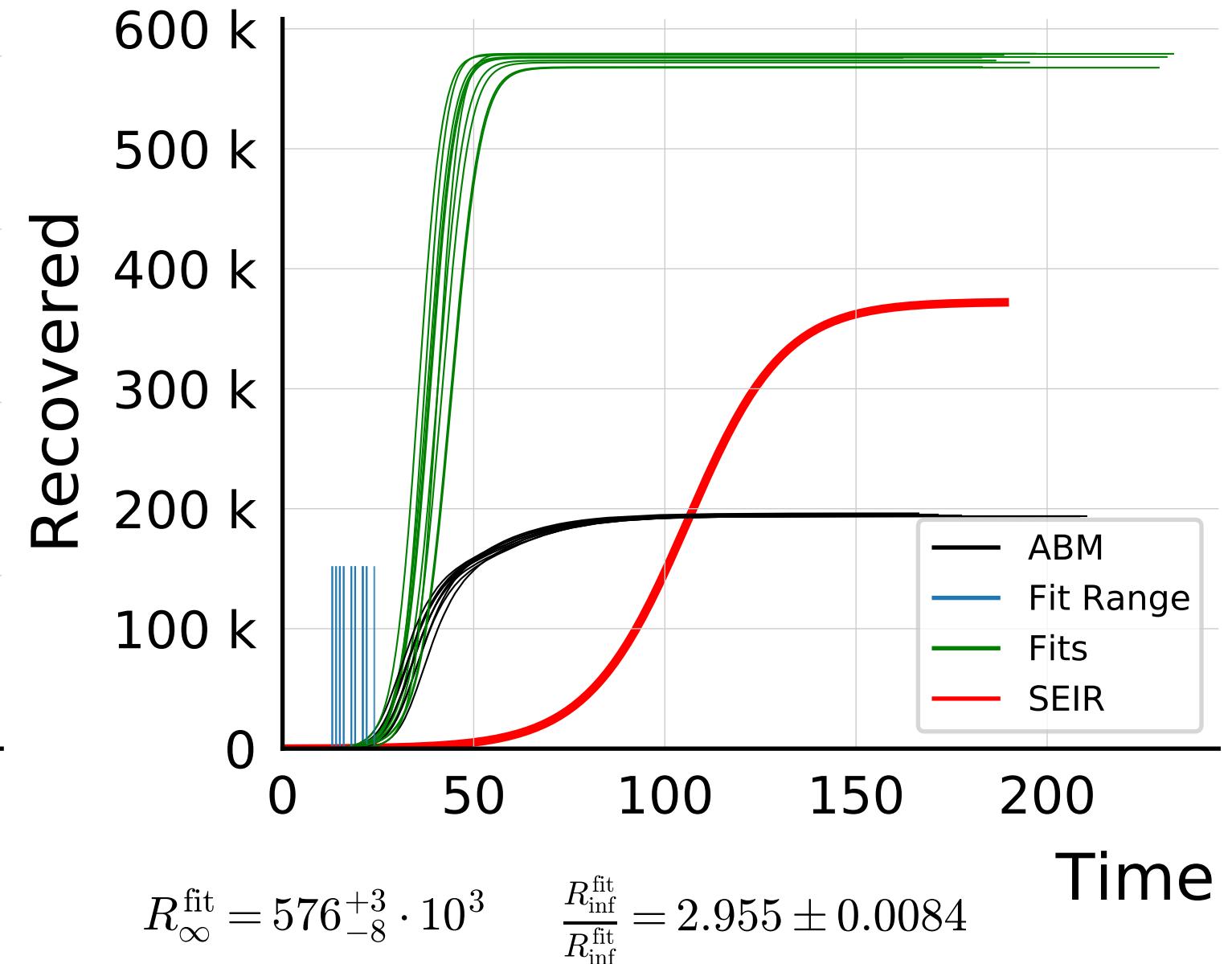
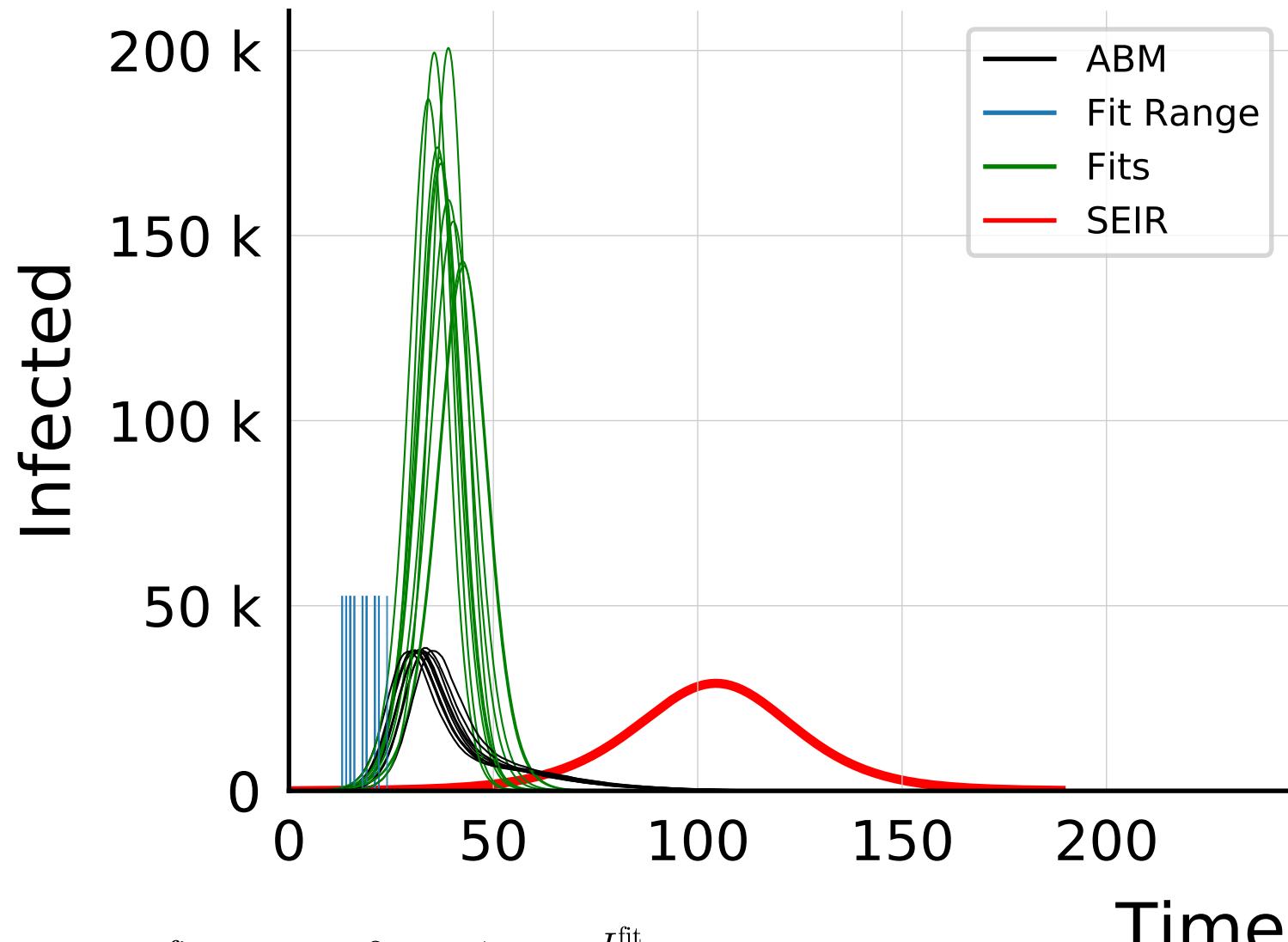
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



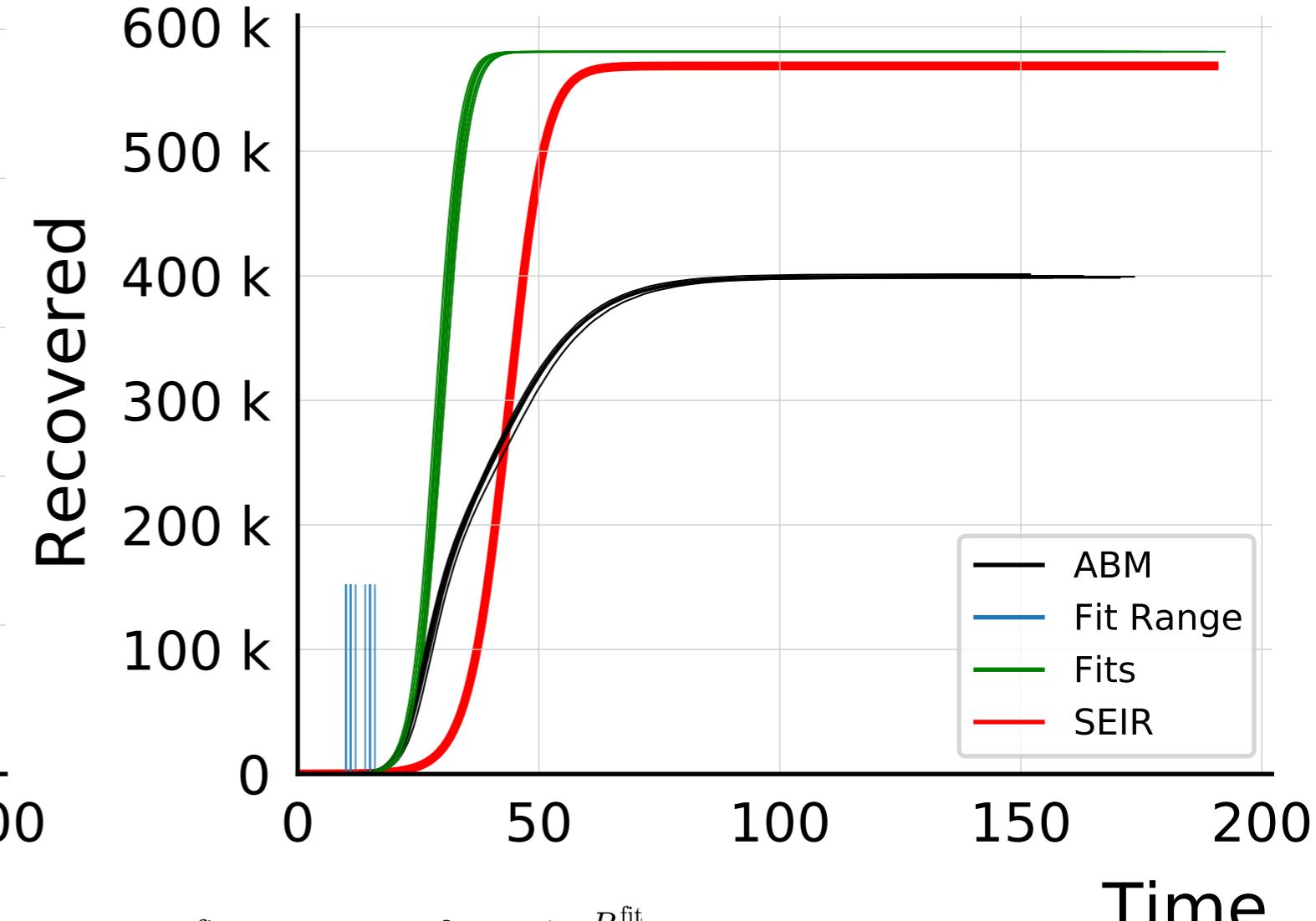
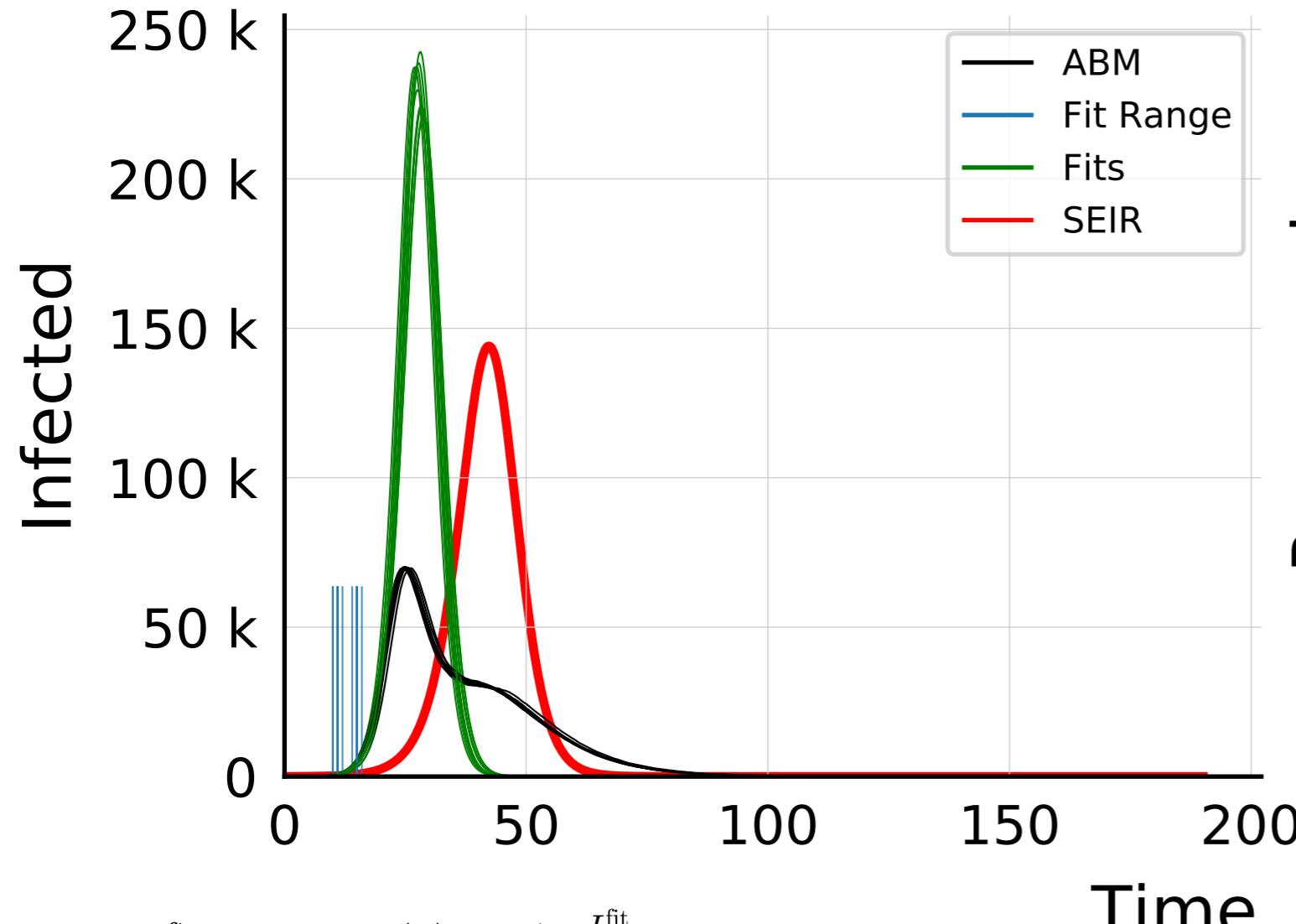
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



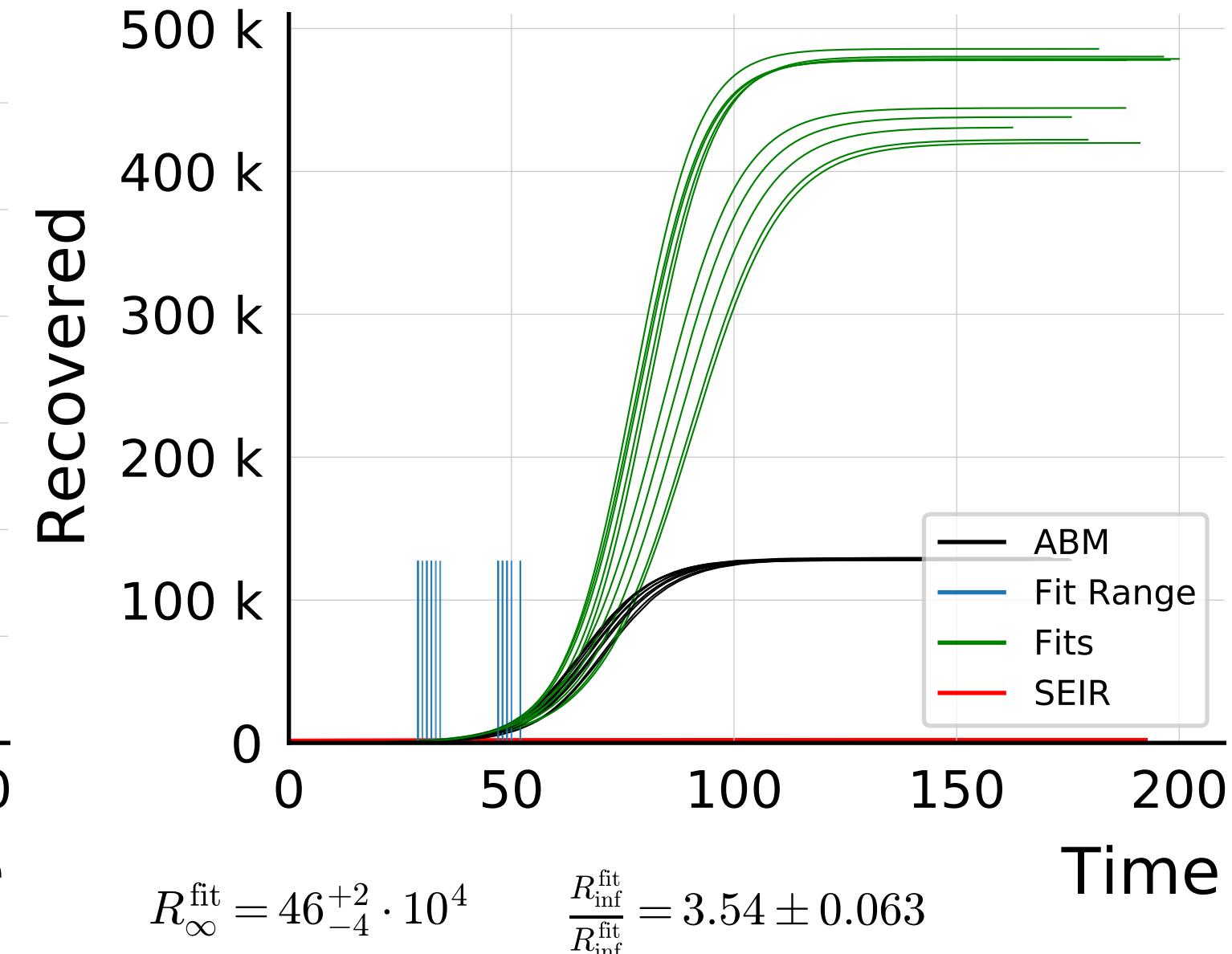
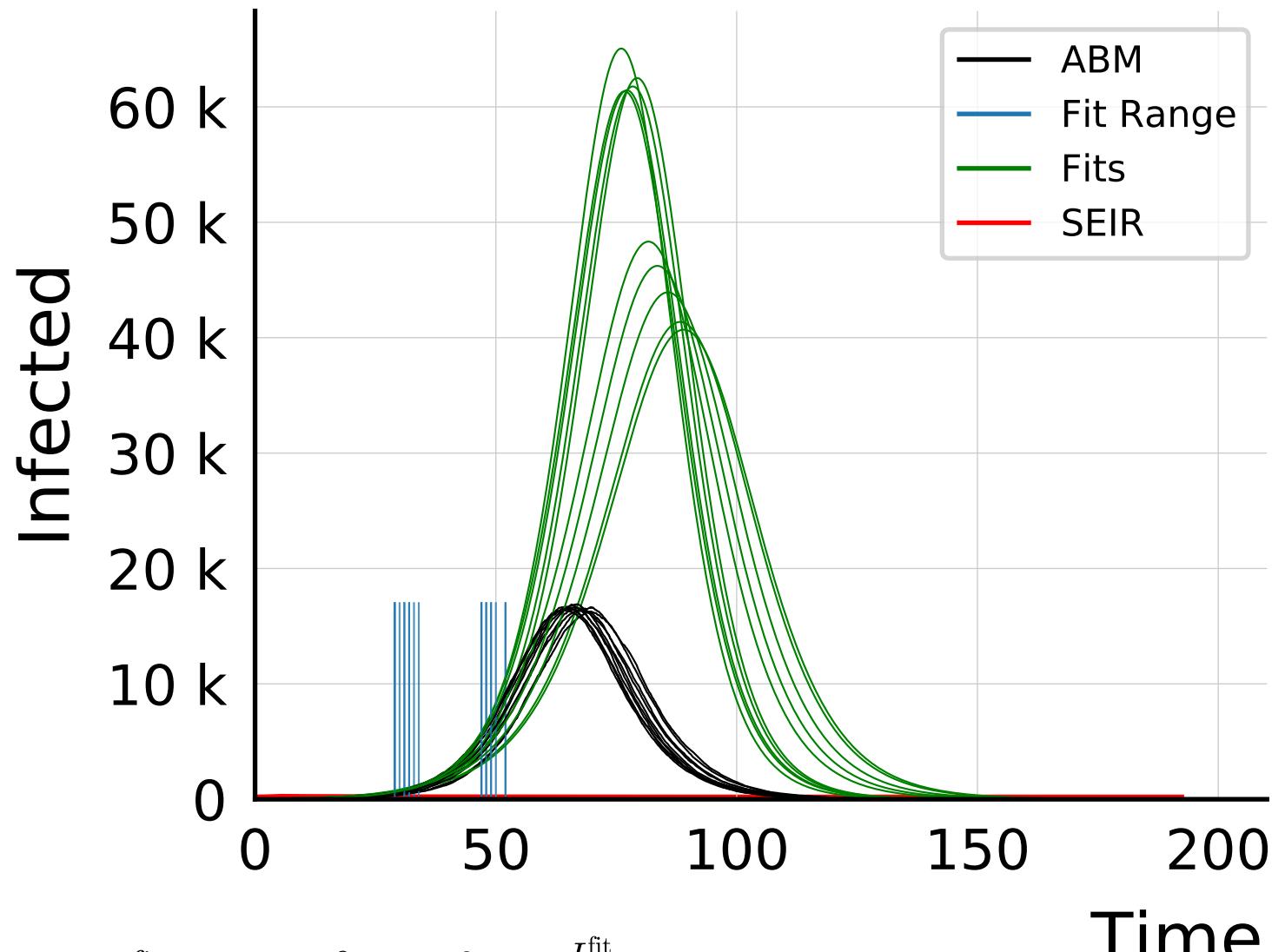
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 10.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



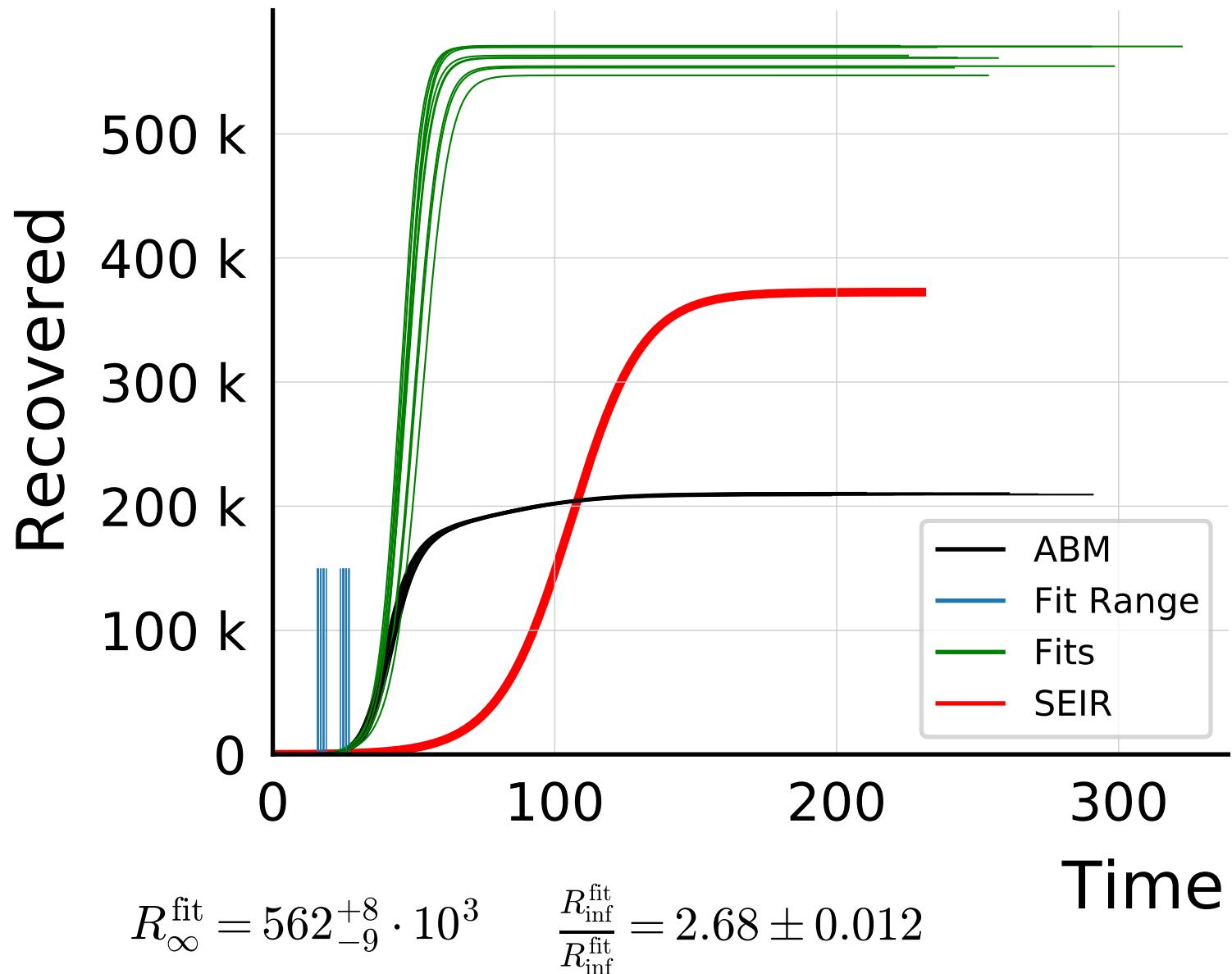
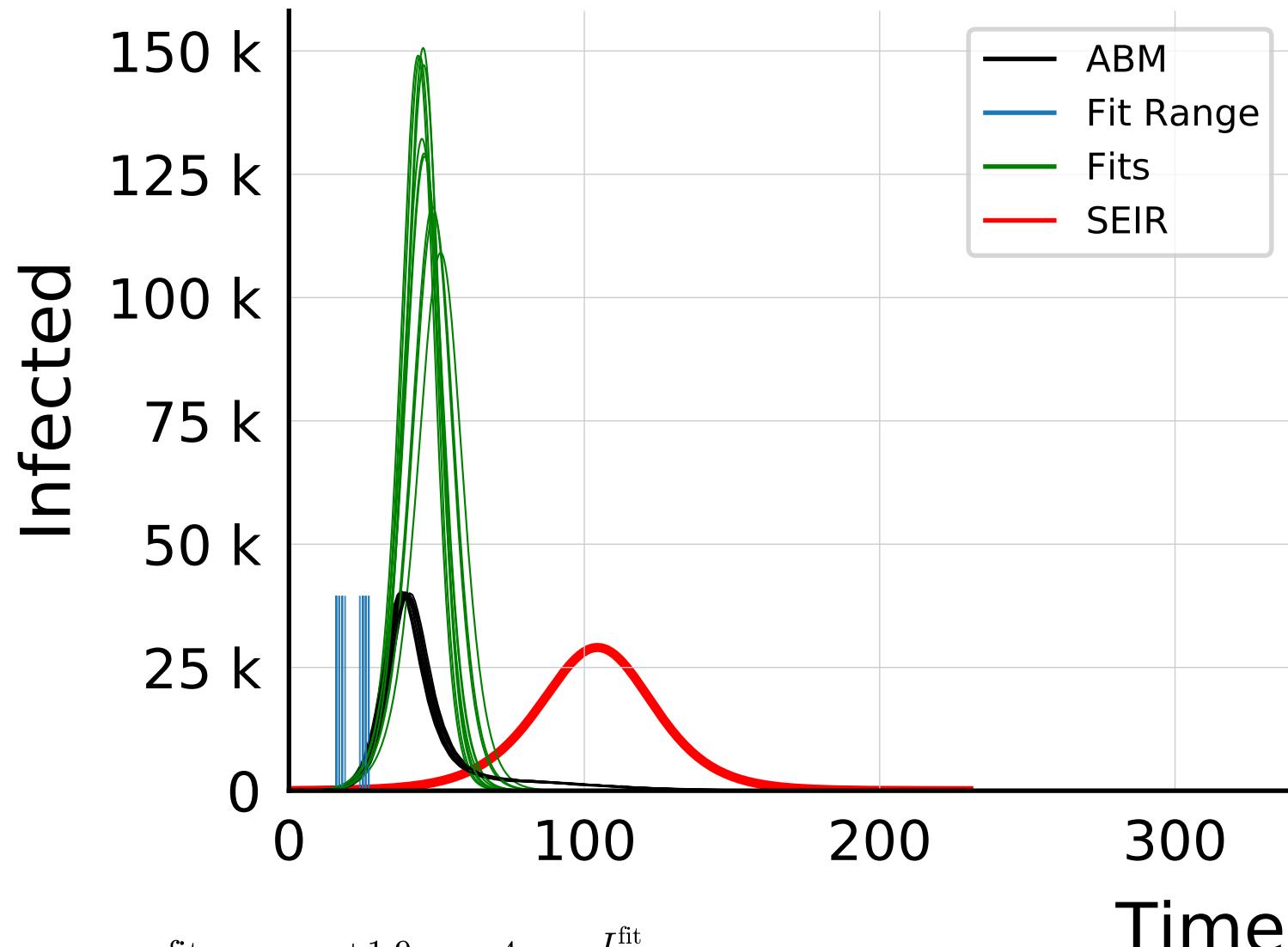
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 100.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



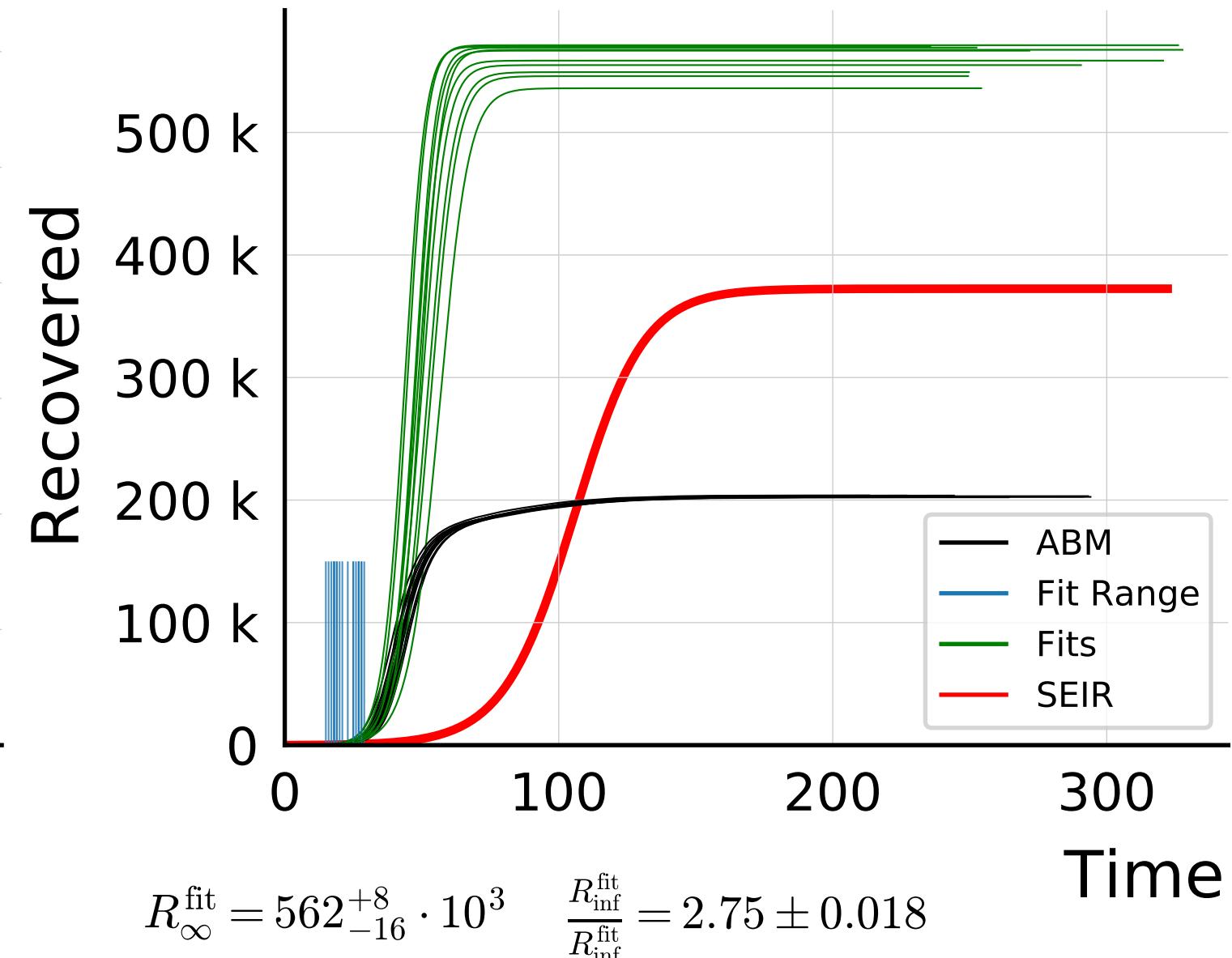
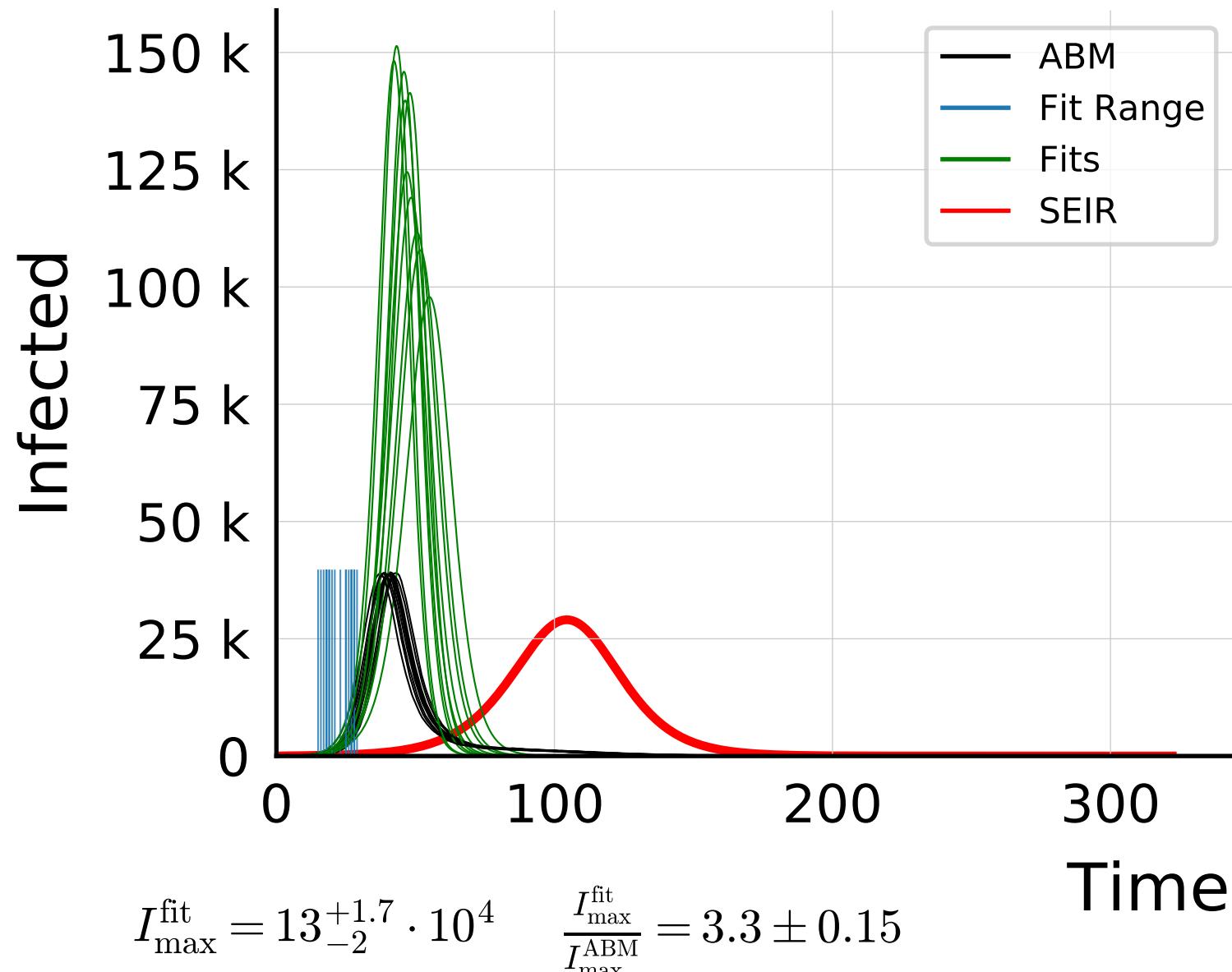
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



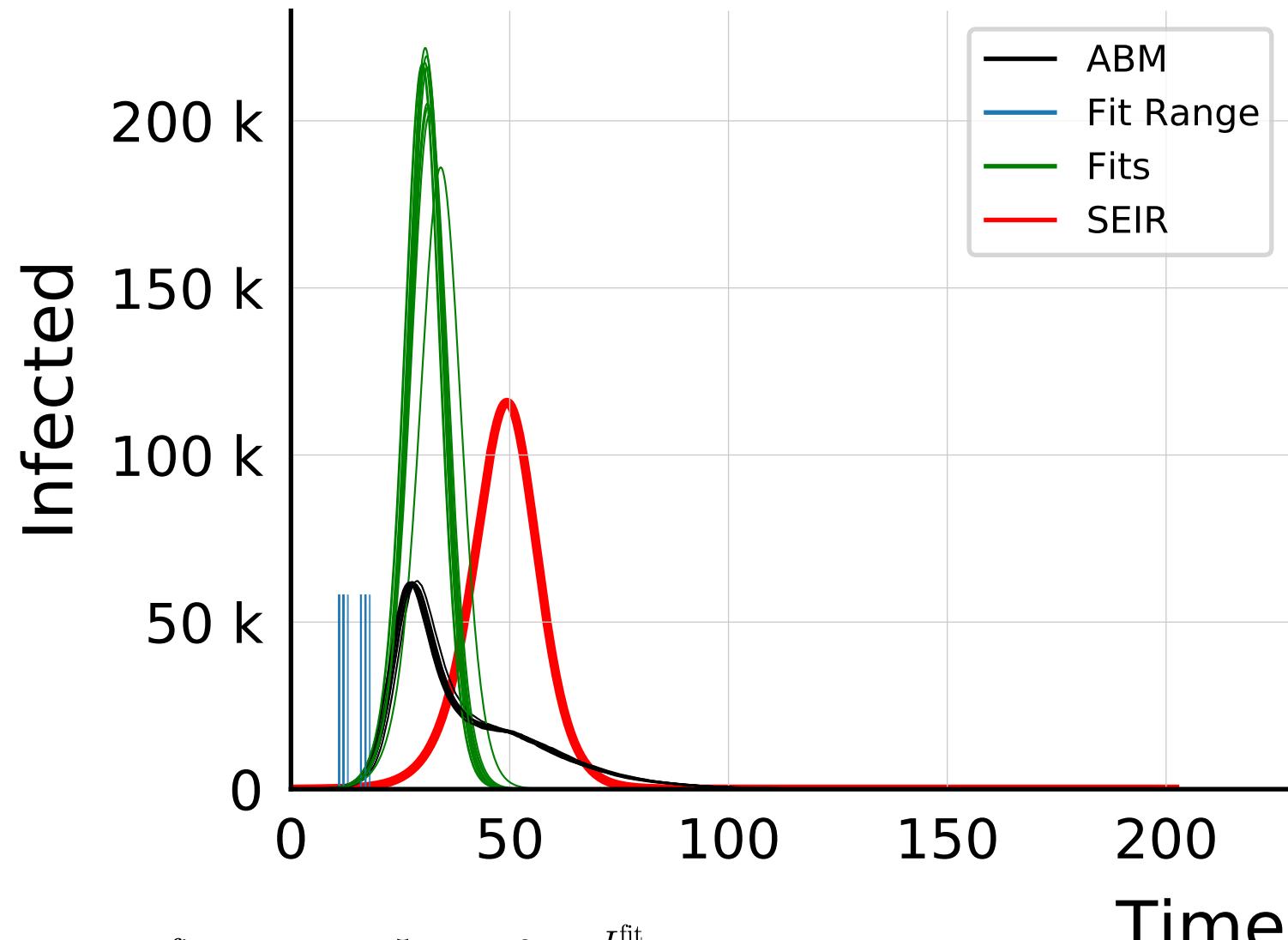
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



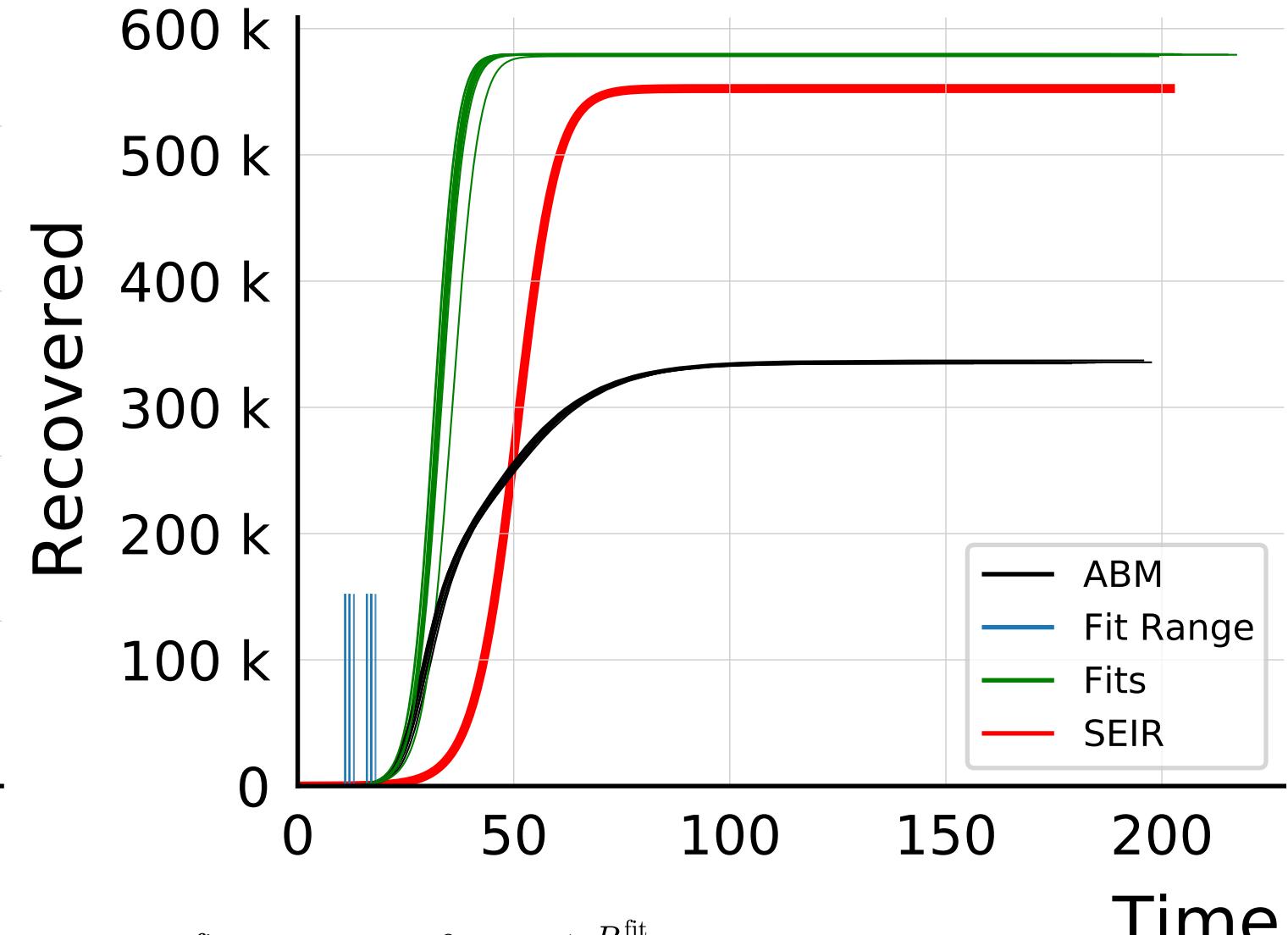
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

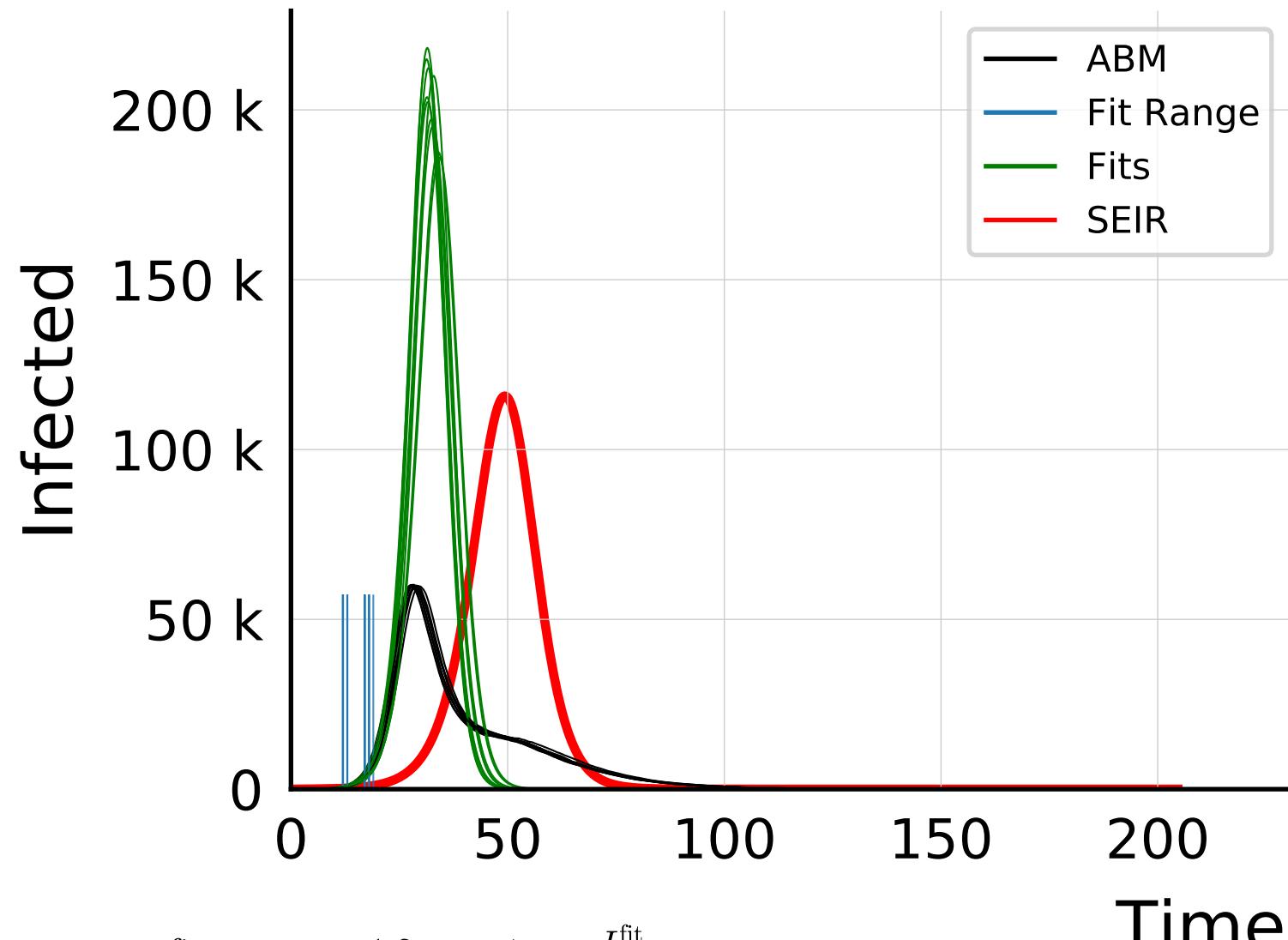


$$I_{\max}^{\text{fit}} = 215^{+5}_{-13} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.41 \pm 0.056$$

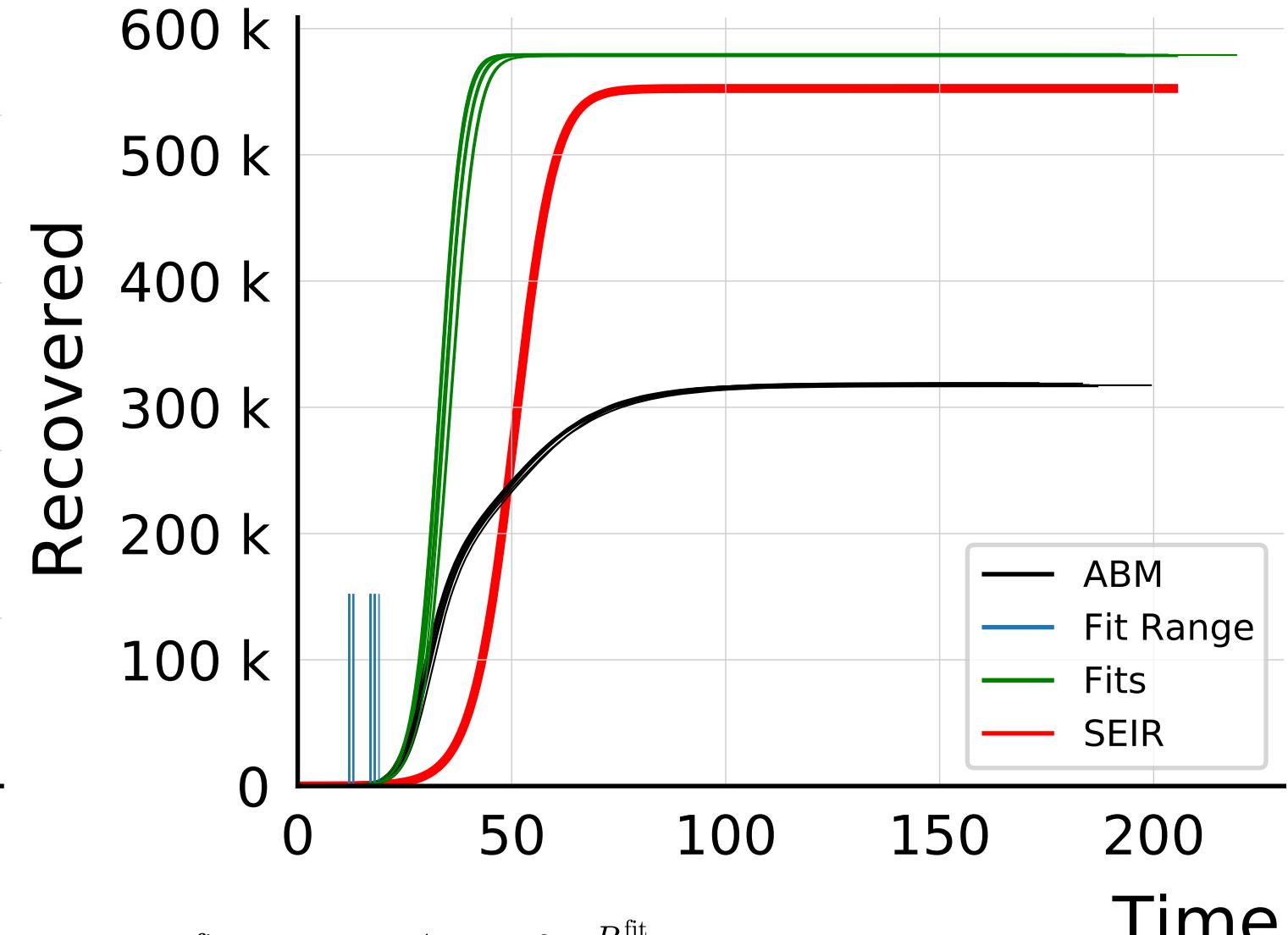


$$R_{\infty}^{\text{fit}} = 57975^{+9}_{-40} \cdot 10^1 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.727 \pm 0.0012$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 0.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

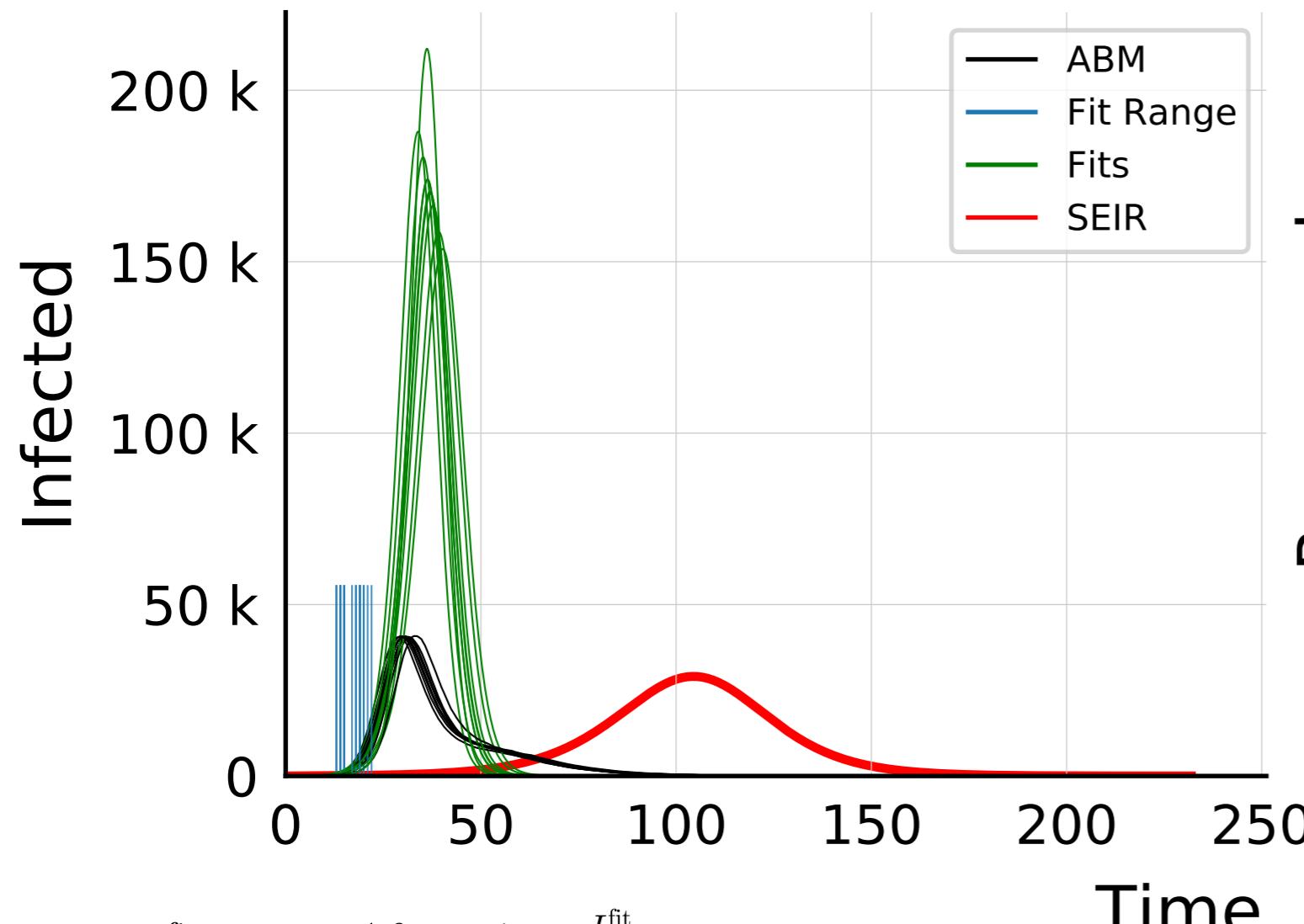


$$I_{\max}^{\text{fit}} = 20^{+1.2}_{-1.6} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.38 \pm 0.057$$

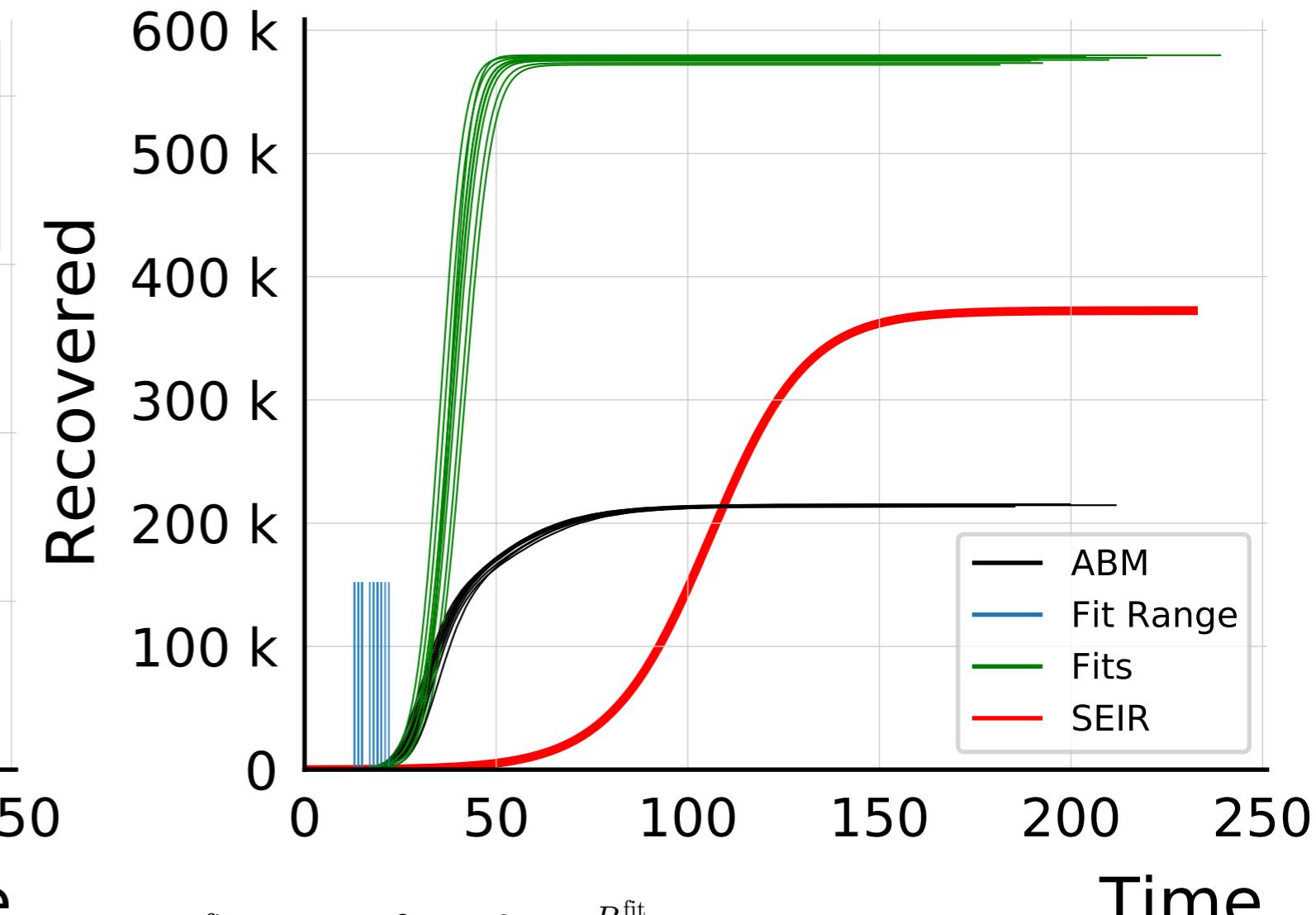


$$R_{\infty}^{\text{fit}} = 5794^{+4}_{-11} \cdot 10^2 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.821 \pm 0.0014$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

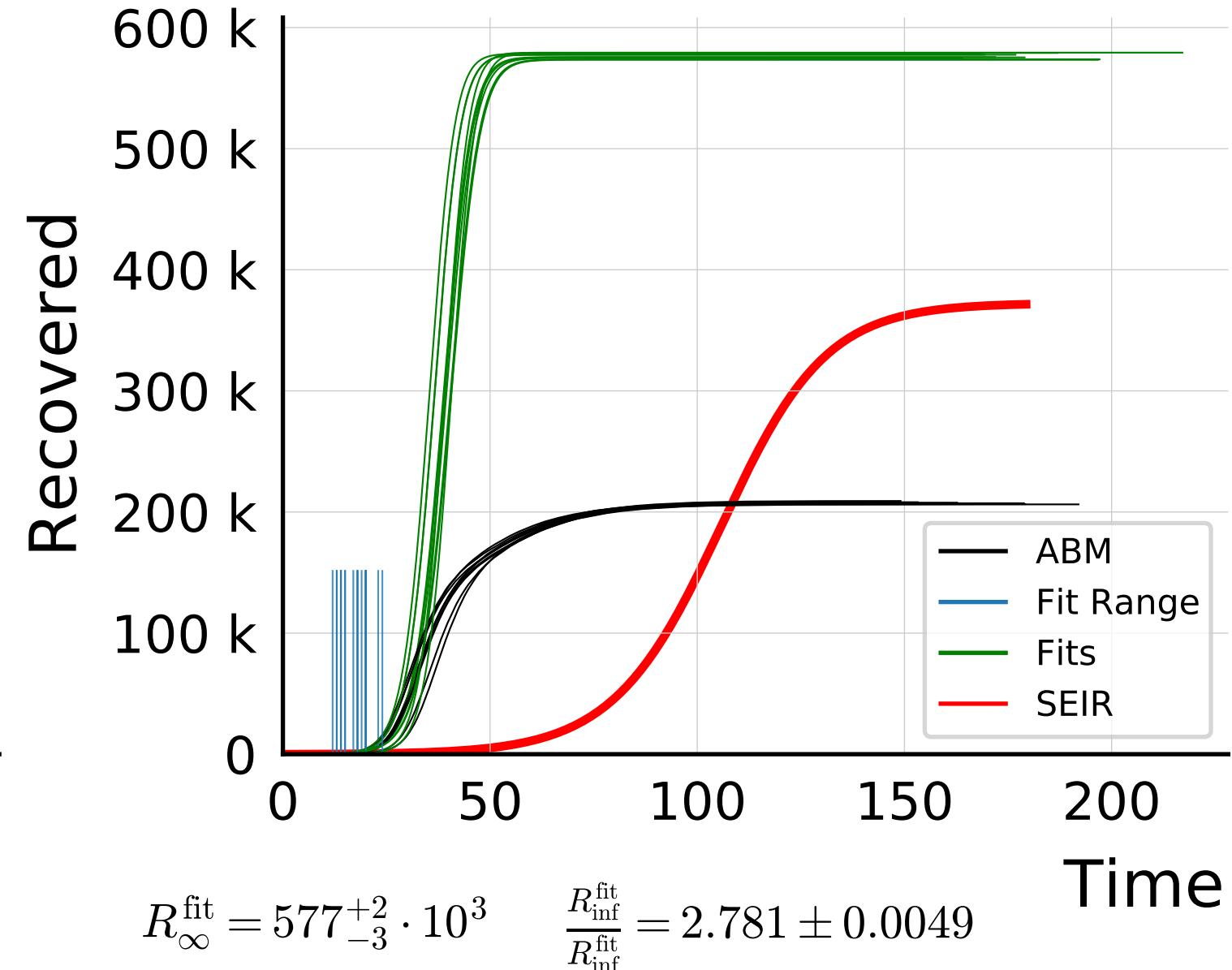
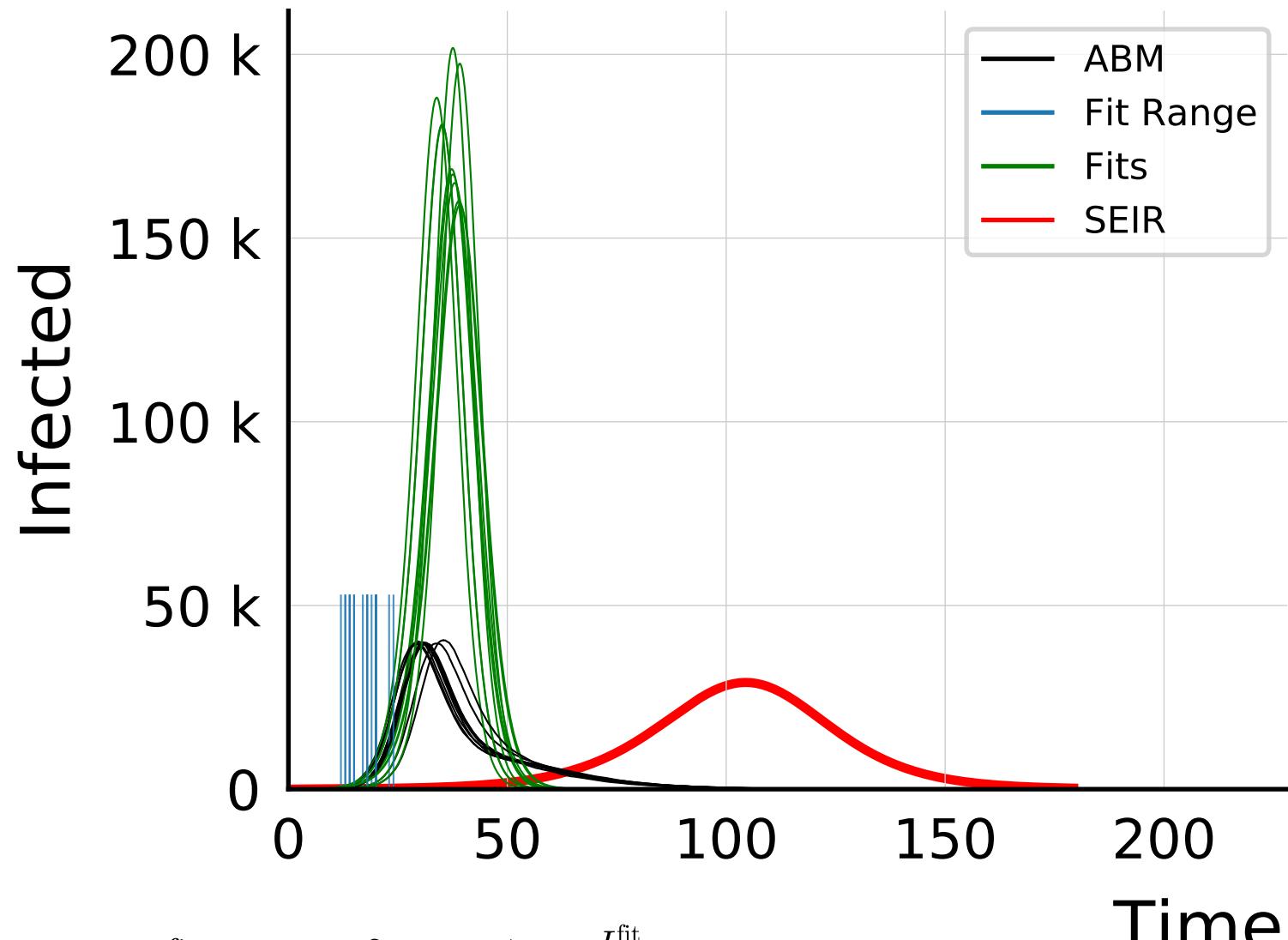


$$I_{\max}^{\text{fit}} = 17^{+1.6}_{-1.3} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 4.3 \pm 0.12$$

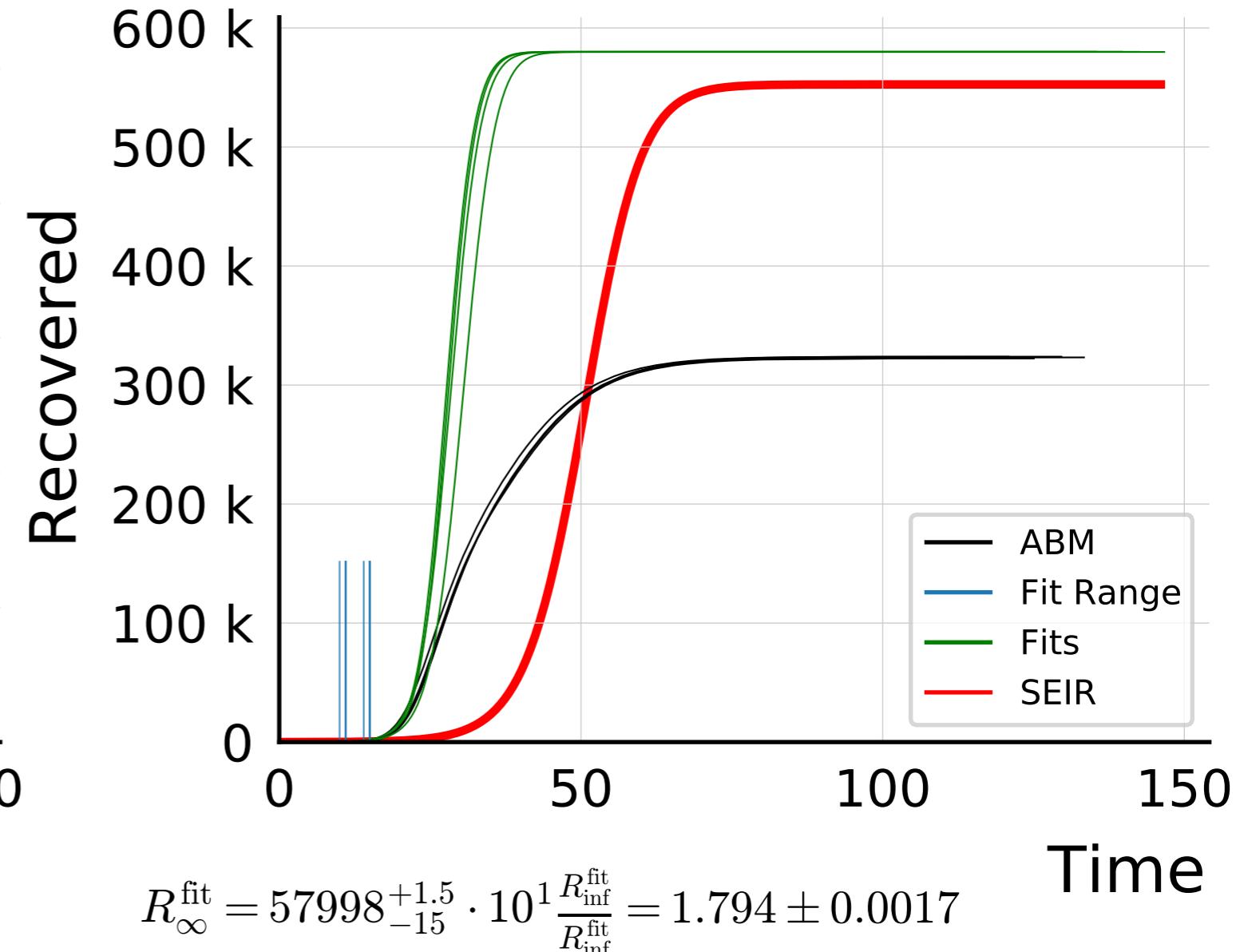
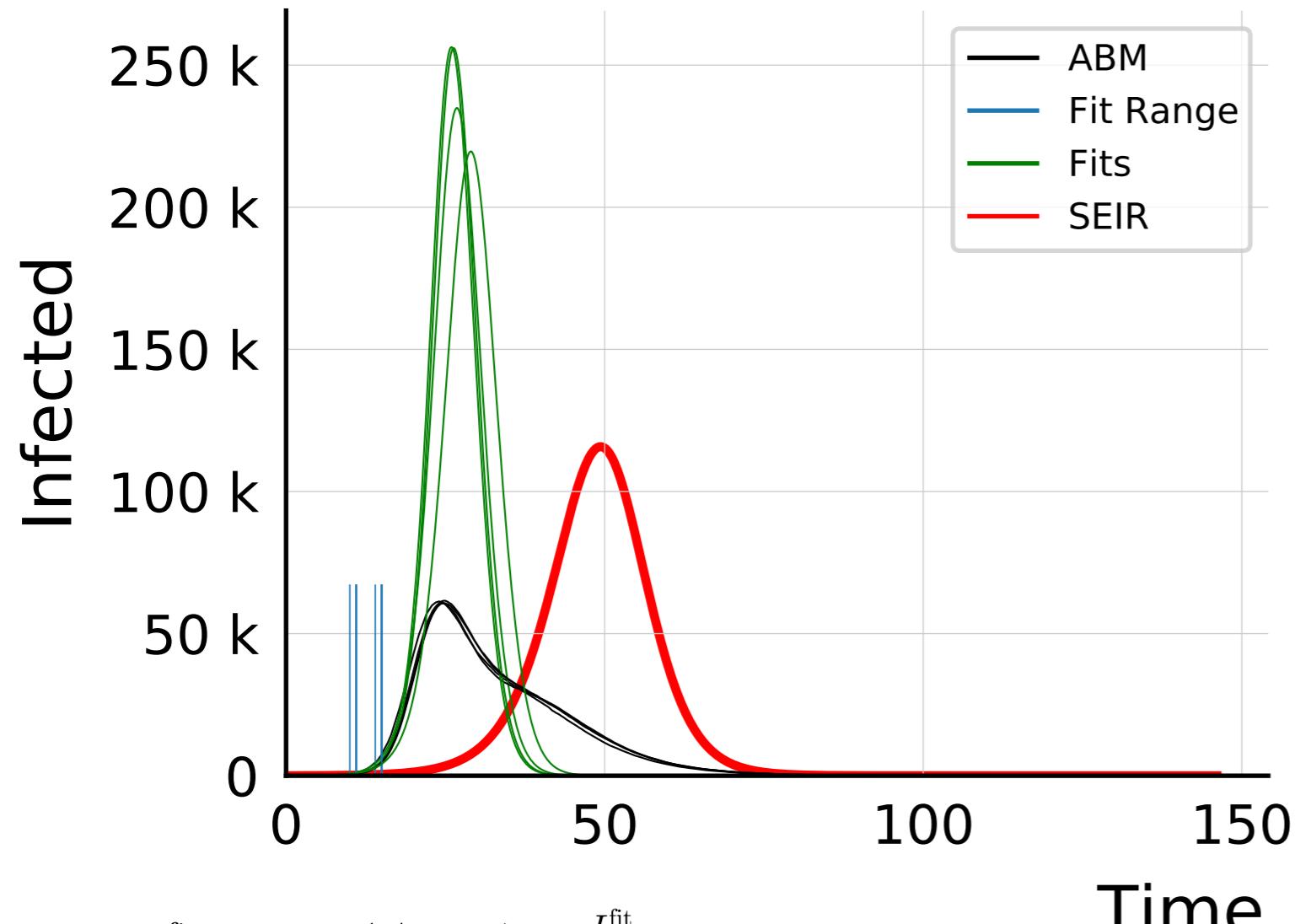


$$R_{\infty}^{\text{fit}} = 576^{+2}_{-3} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.688 \pm 0.0032$$

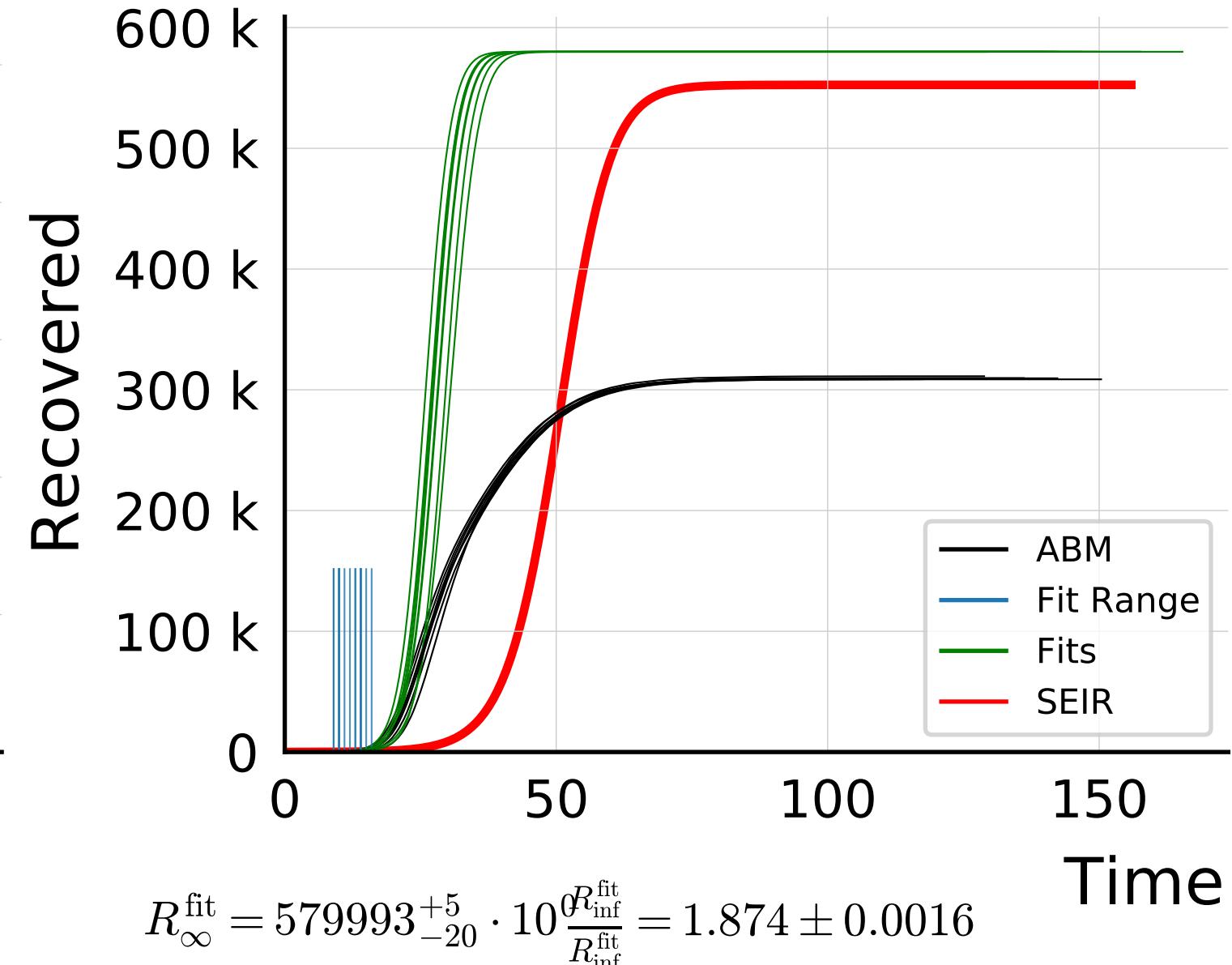
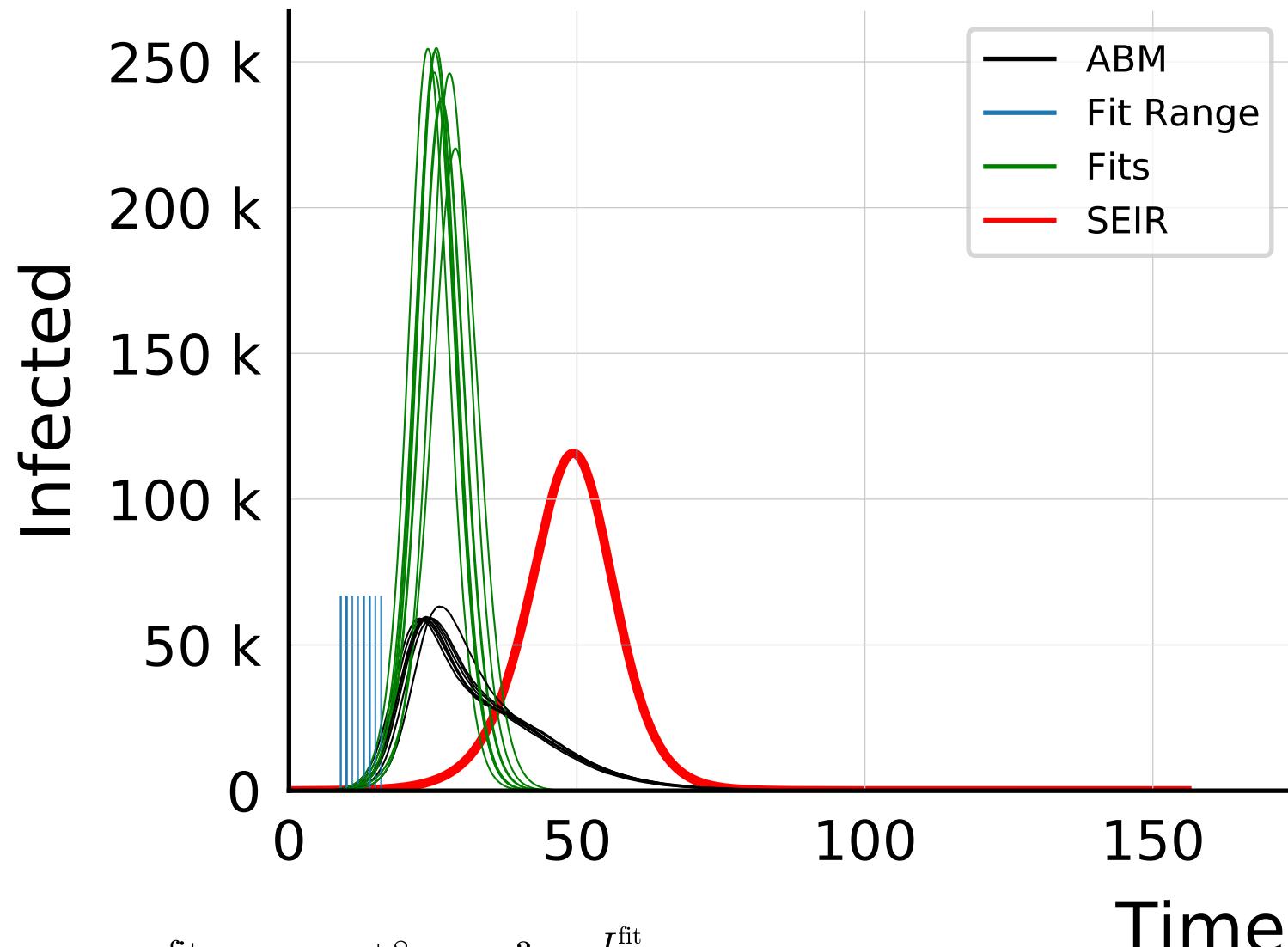
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



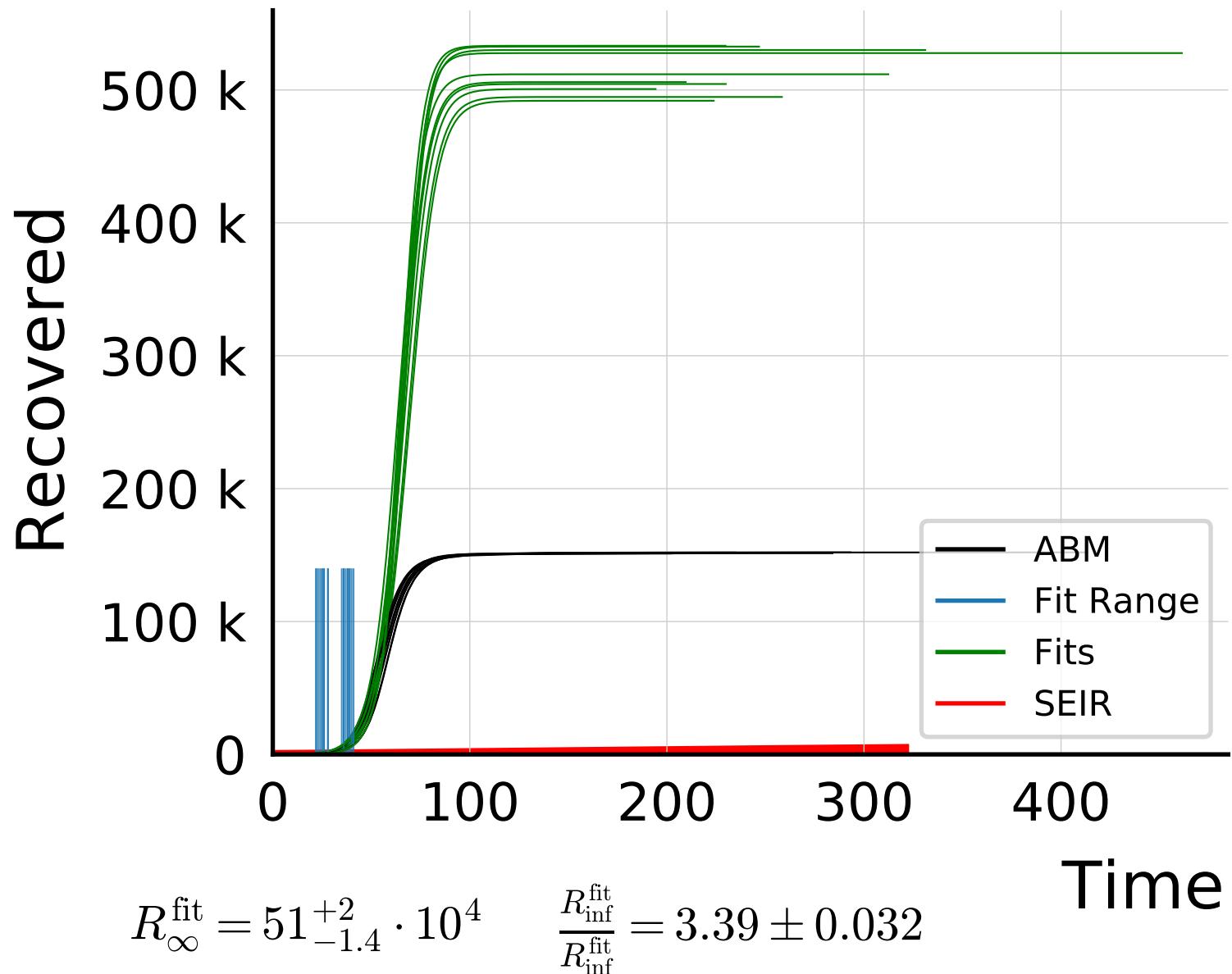
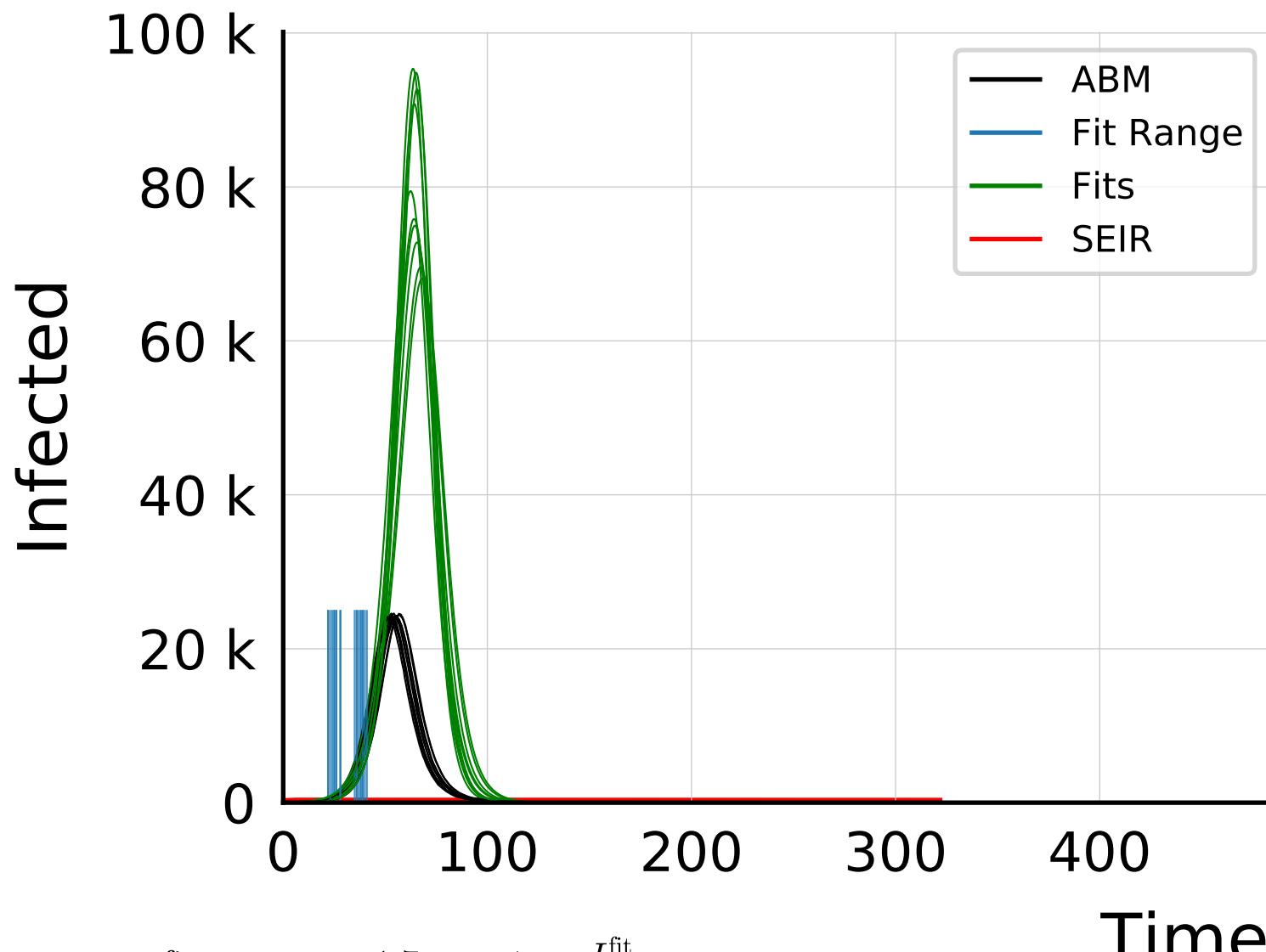
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #4



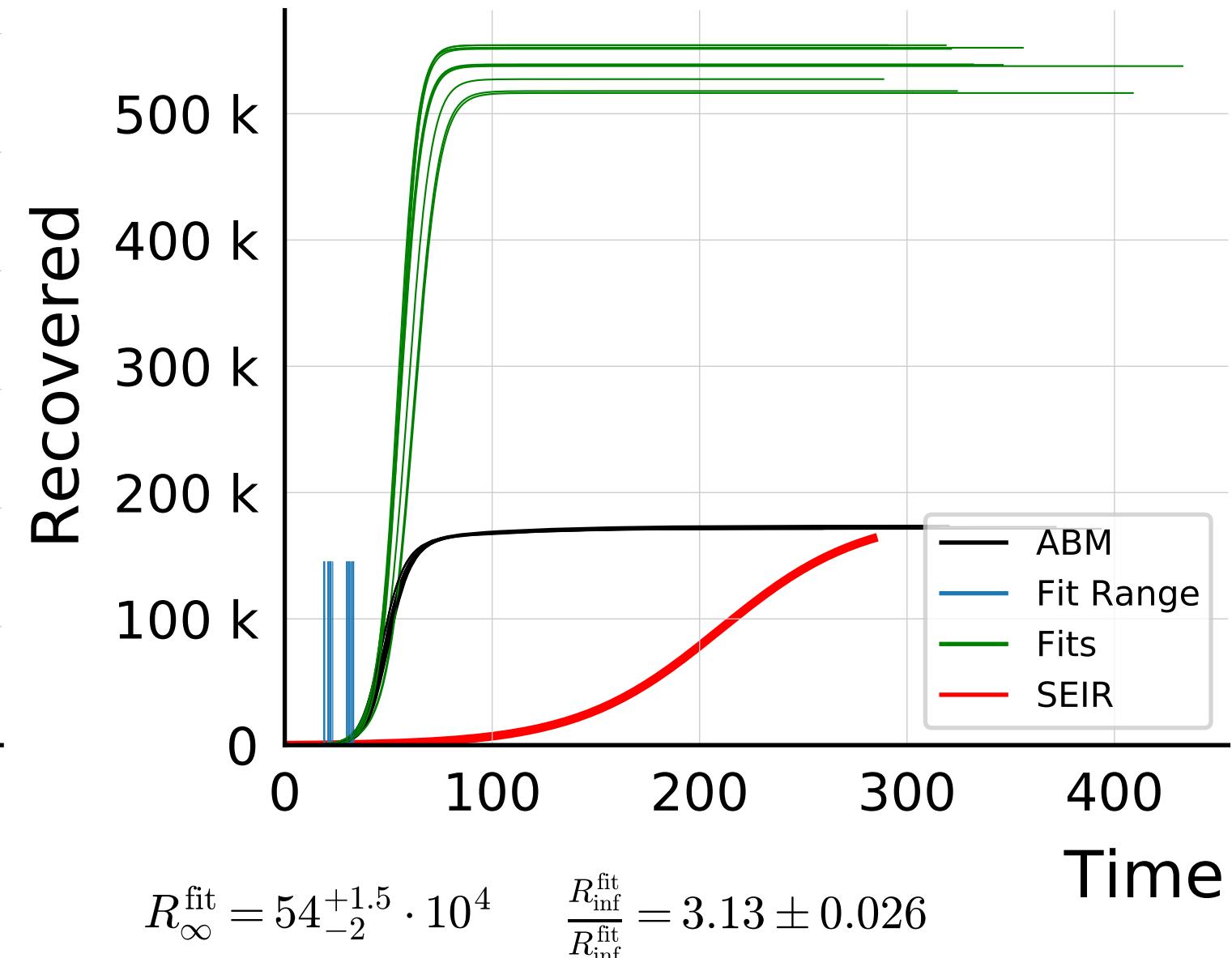
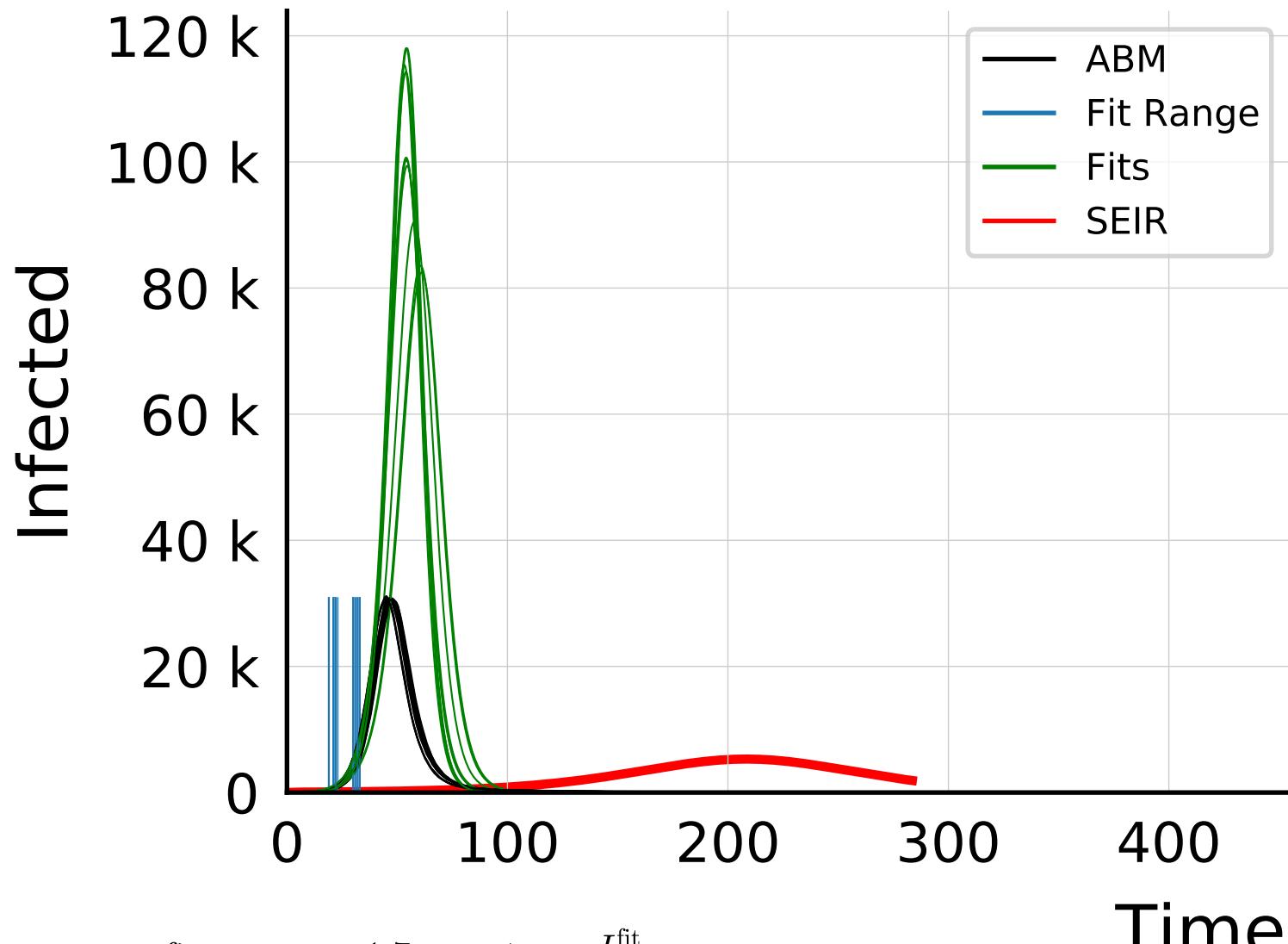
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 20.0$, $\sigma_\mu = 1.0$, $\beta = 0.04$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #8



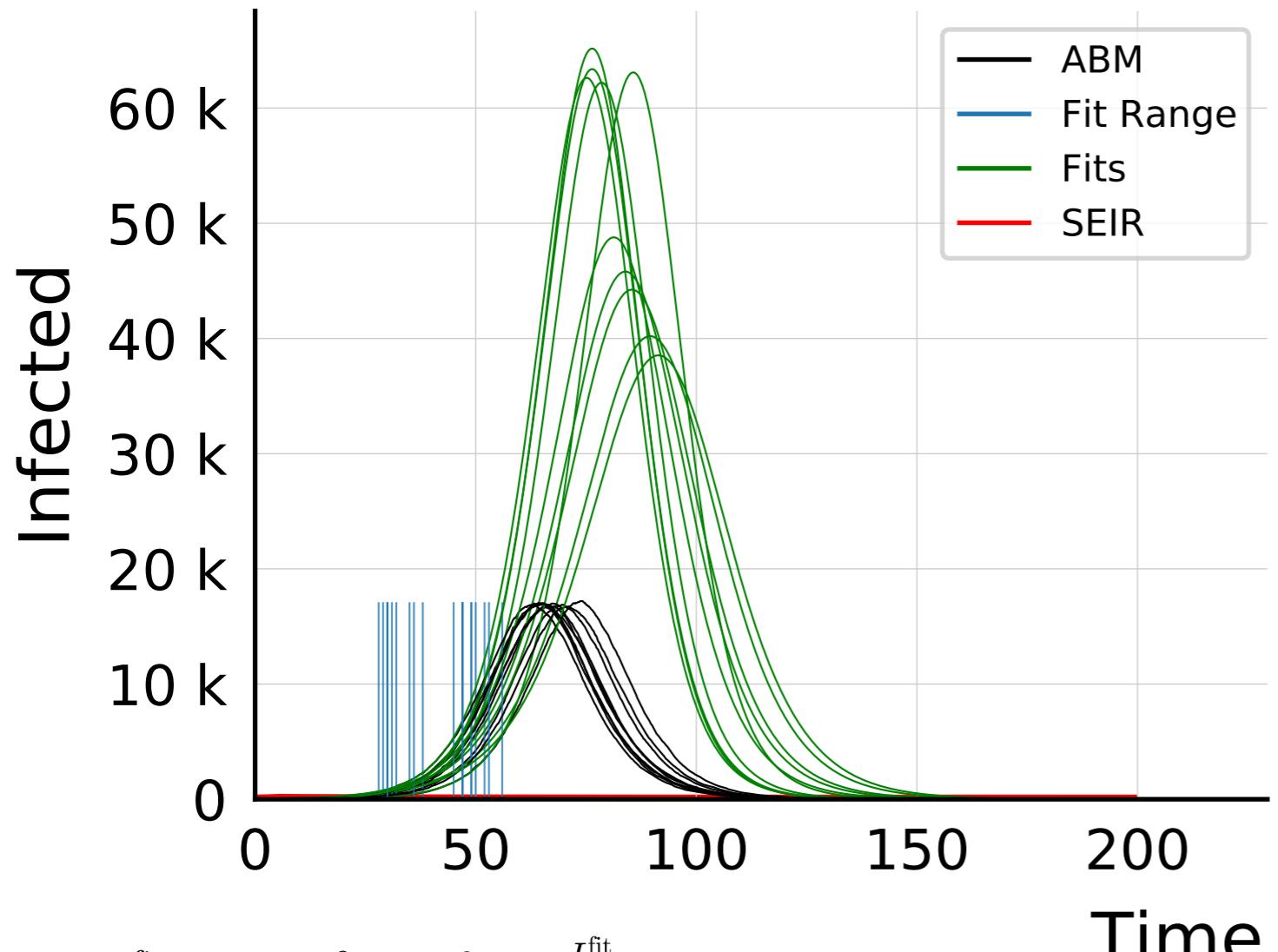
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 25.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



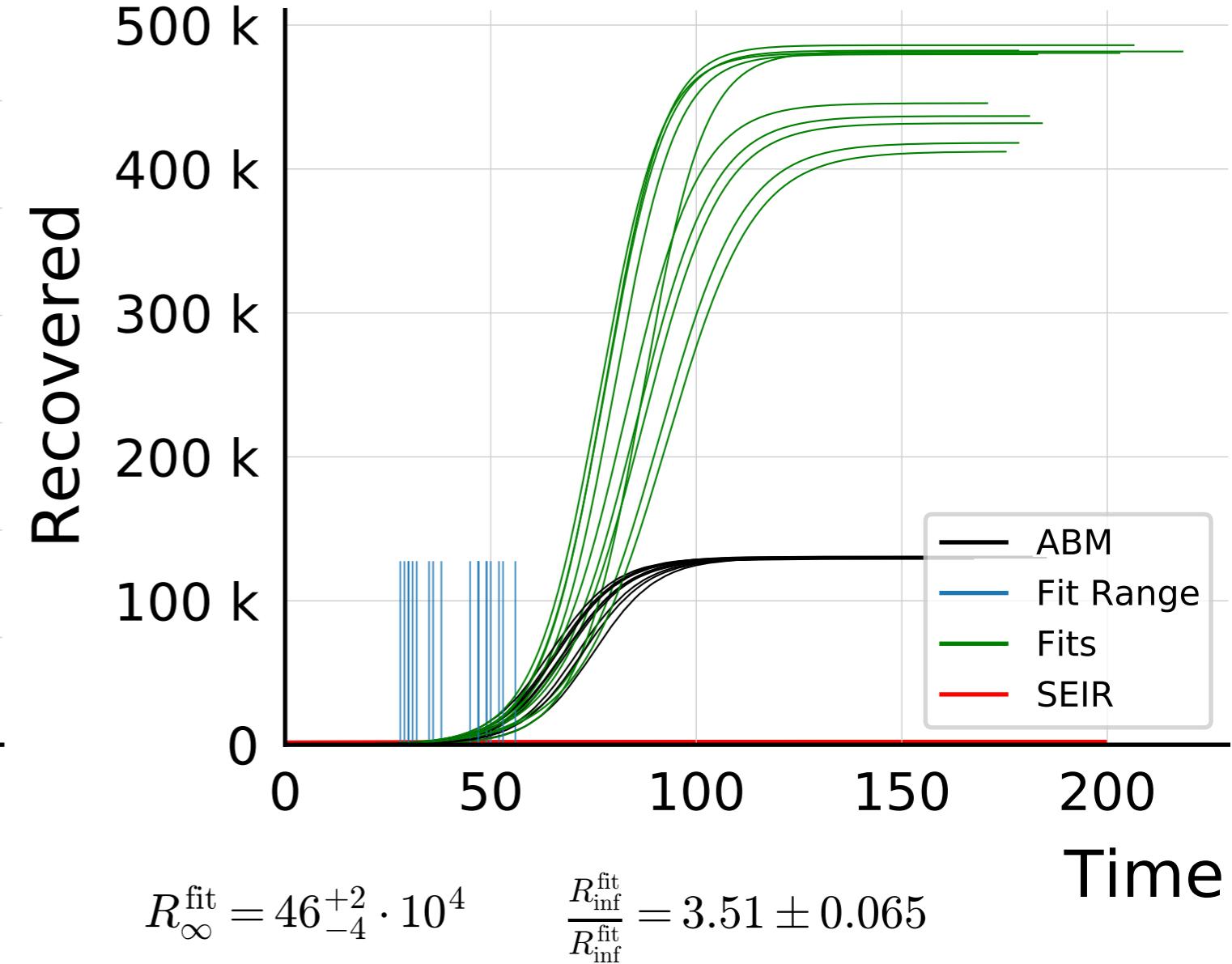
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 30.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



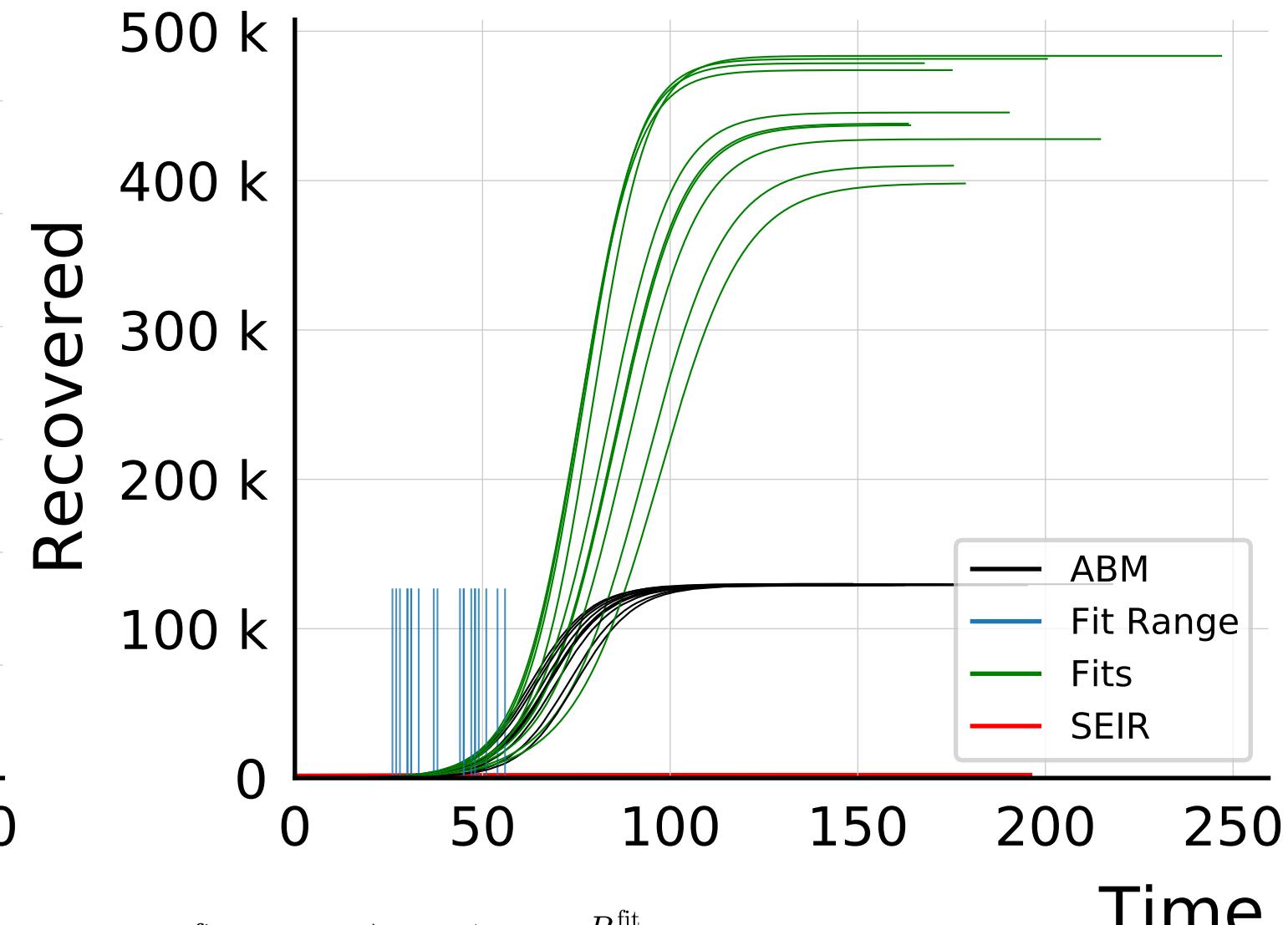
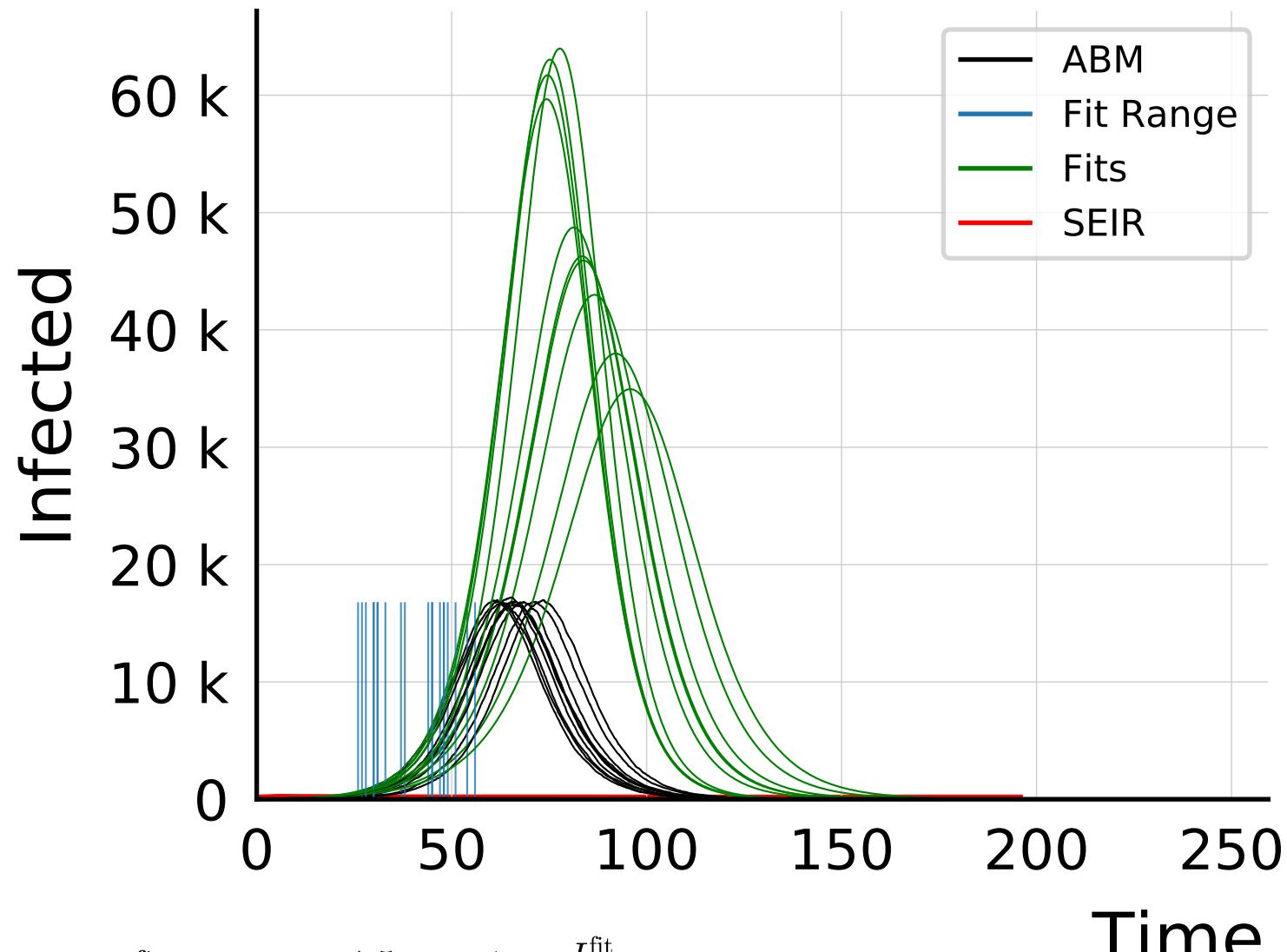
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



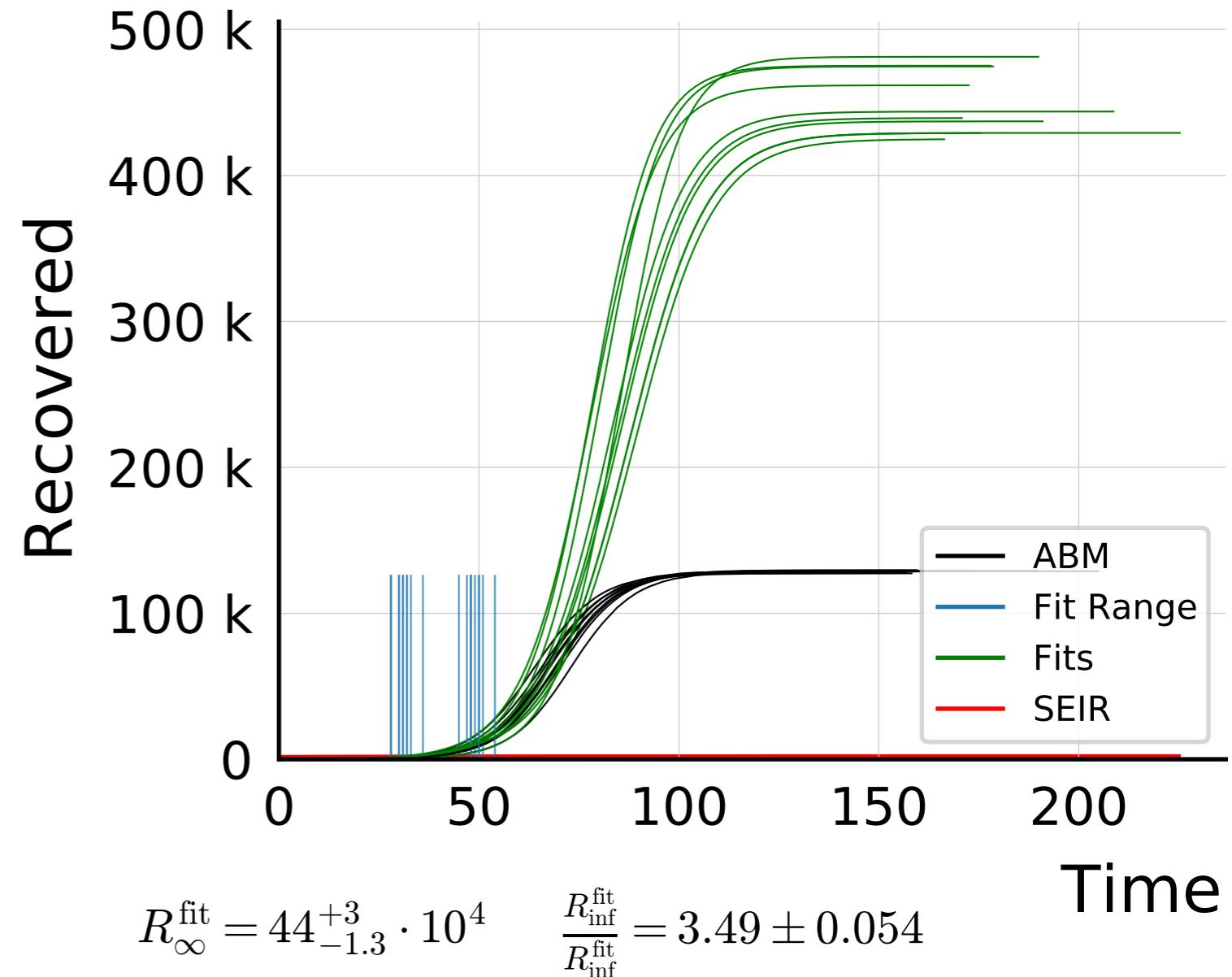
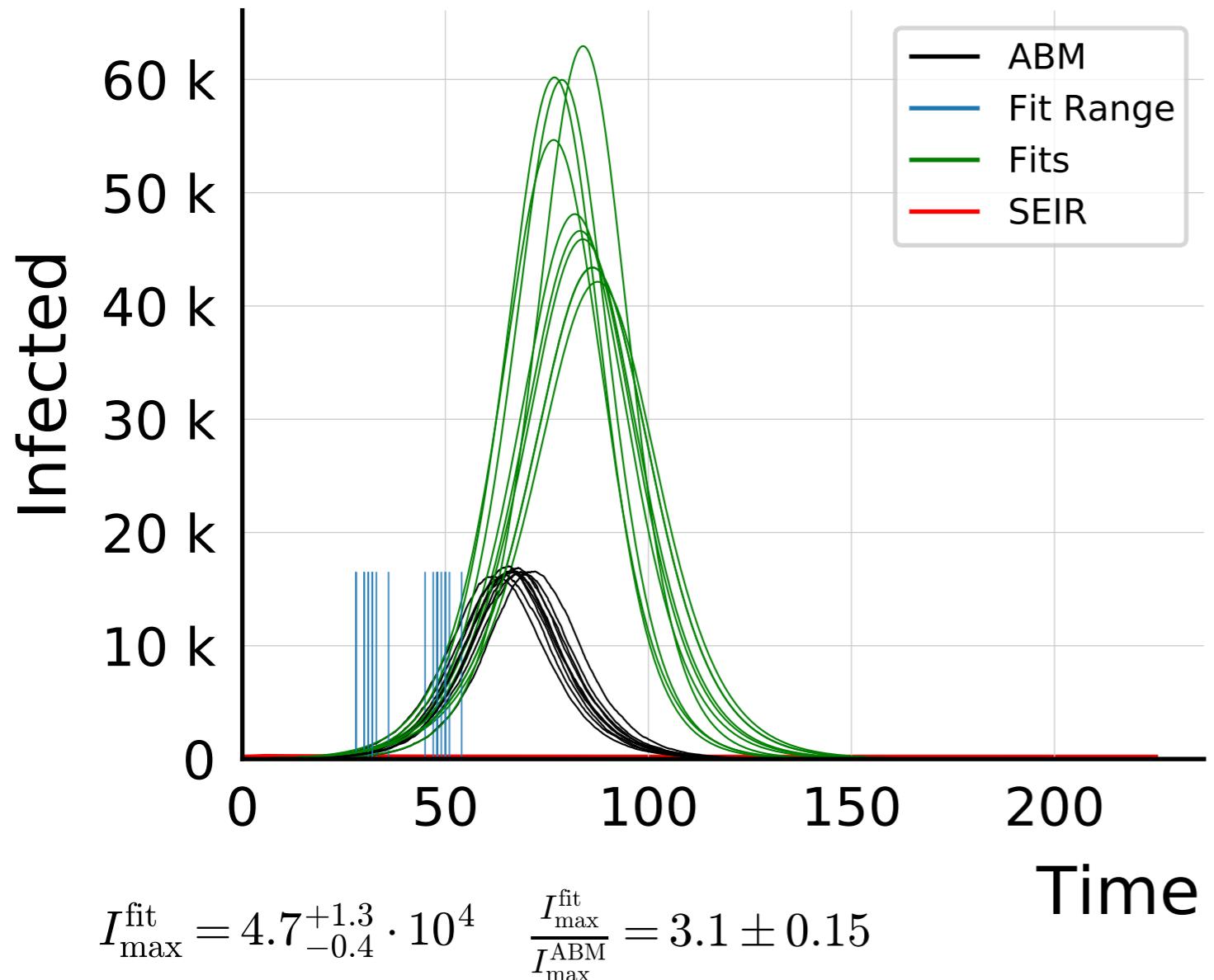
$$I_{\text{max}}^{\text{fit}} = 55^{+9}_{-15} \cdot 10^3 \quad \frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 3.2 \pm 0.19$$



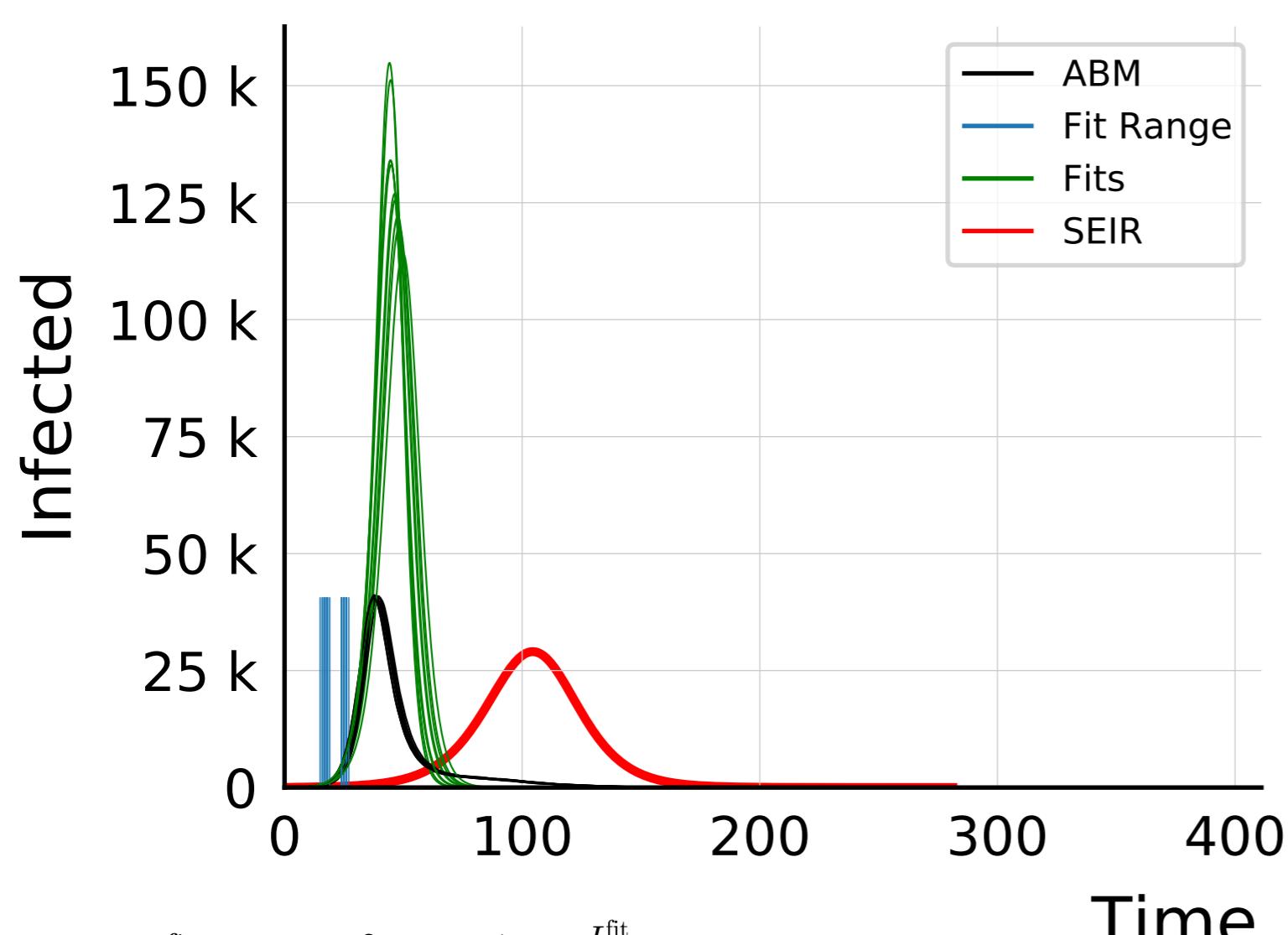
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



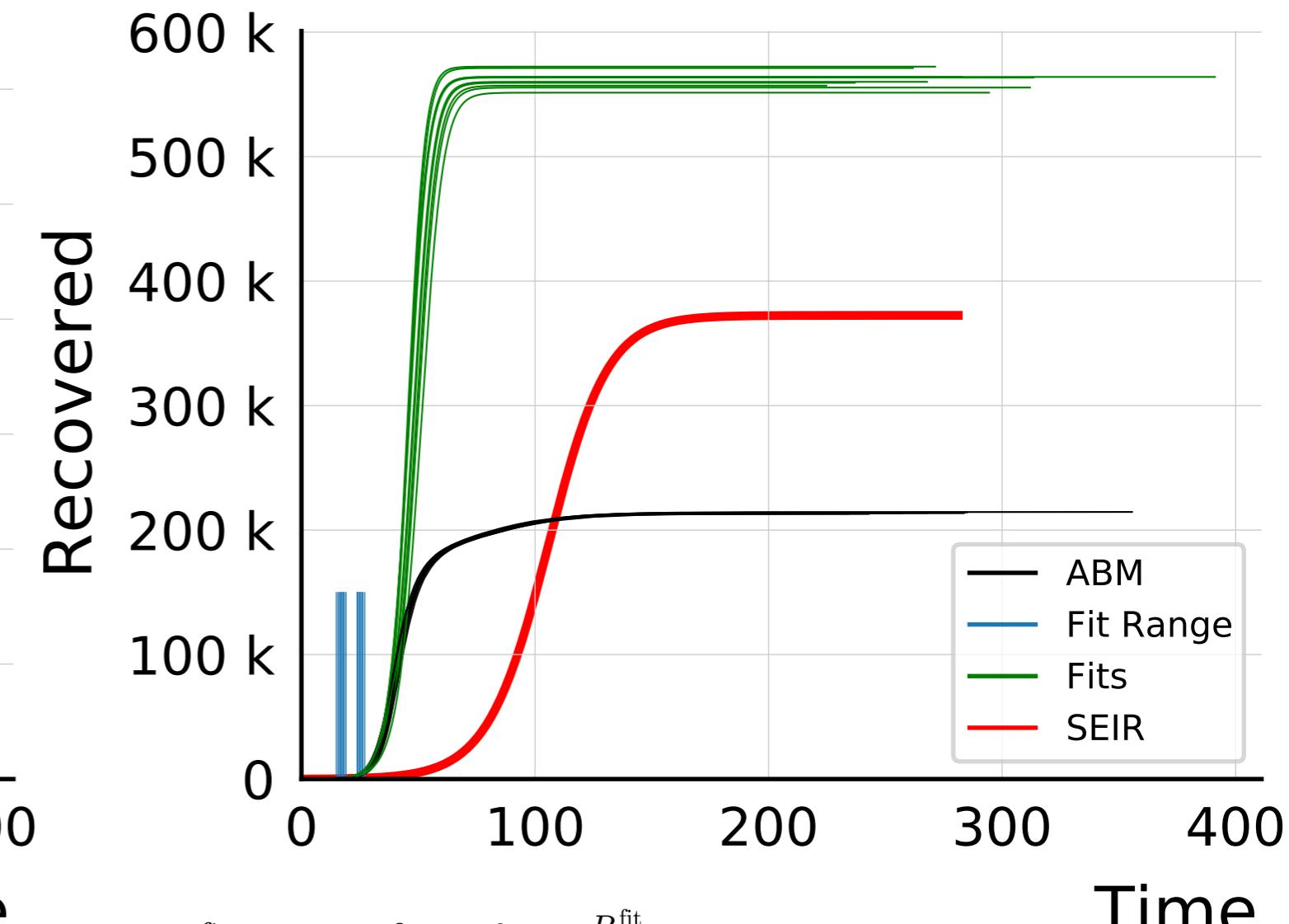
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

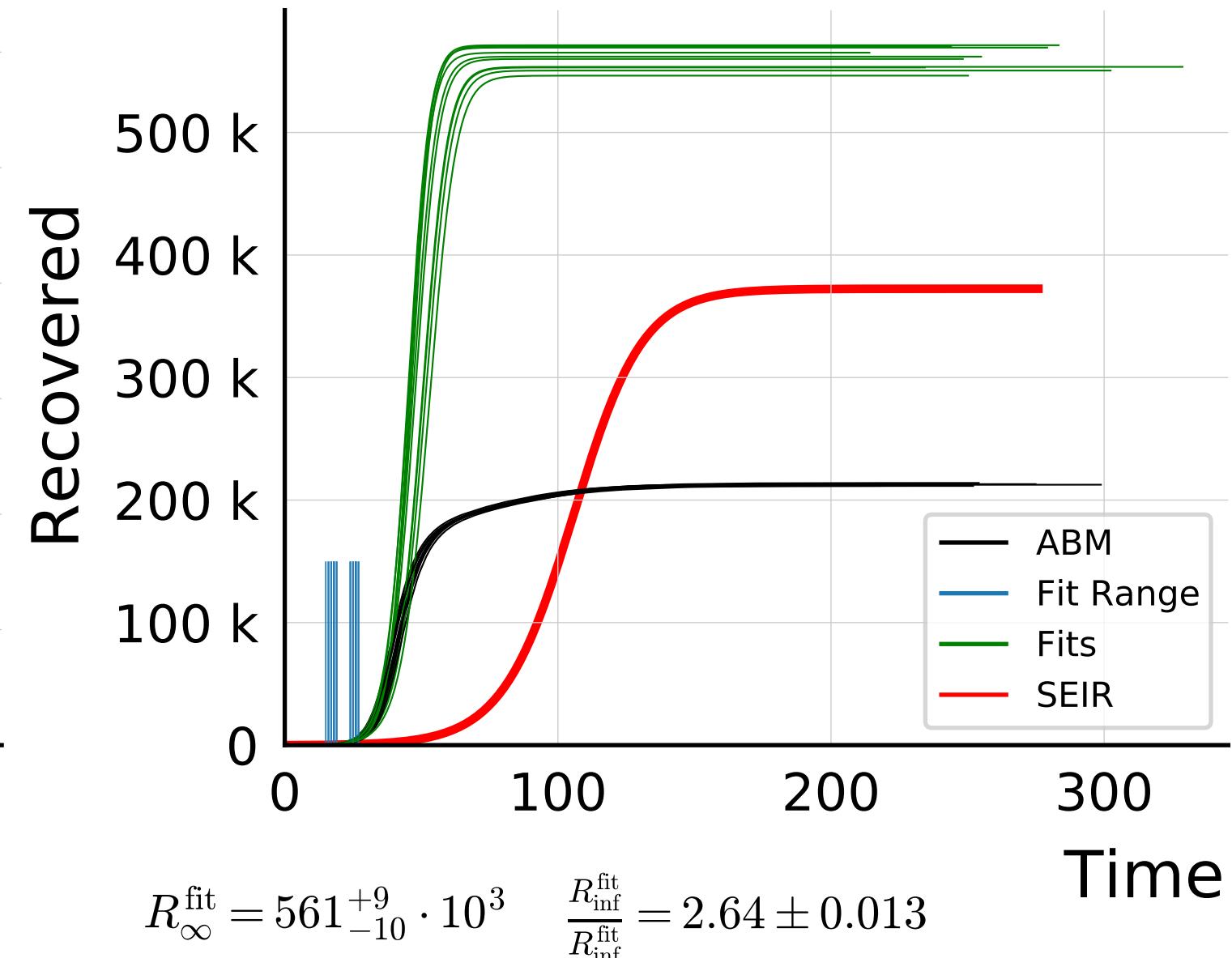
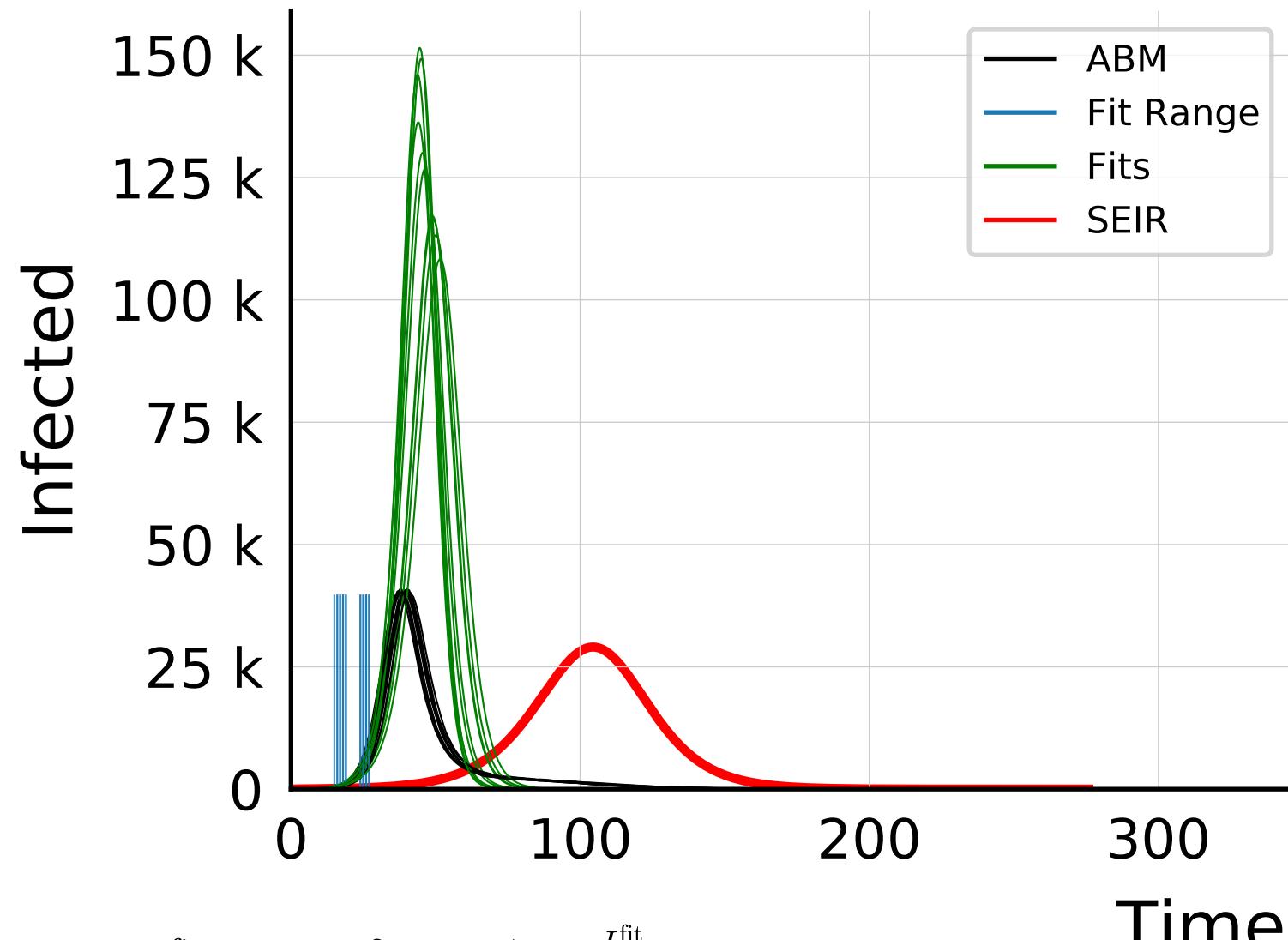


$$I_{\max}^{\text{fit}} = 13_{-1.0}^{+2} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.23 \pm 0.094$$

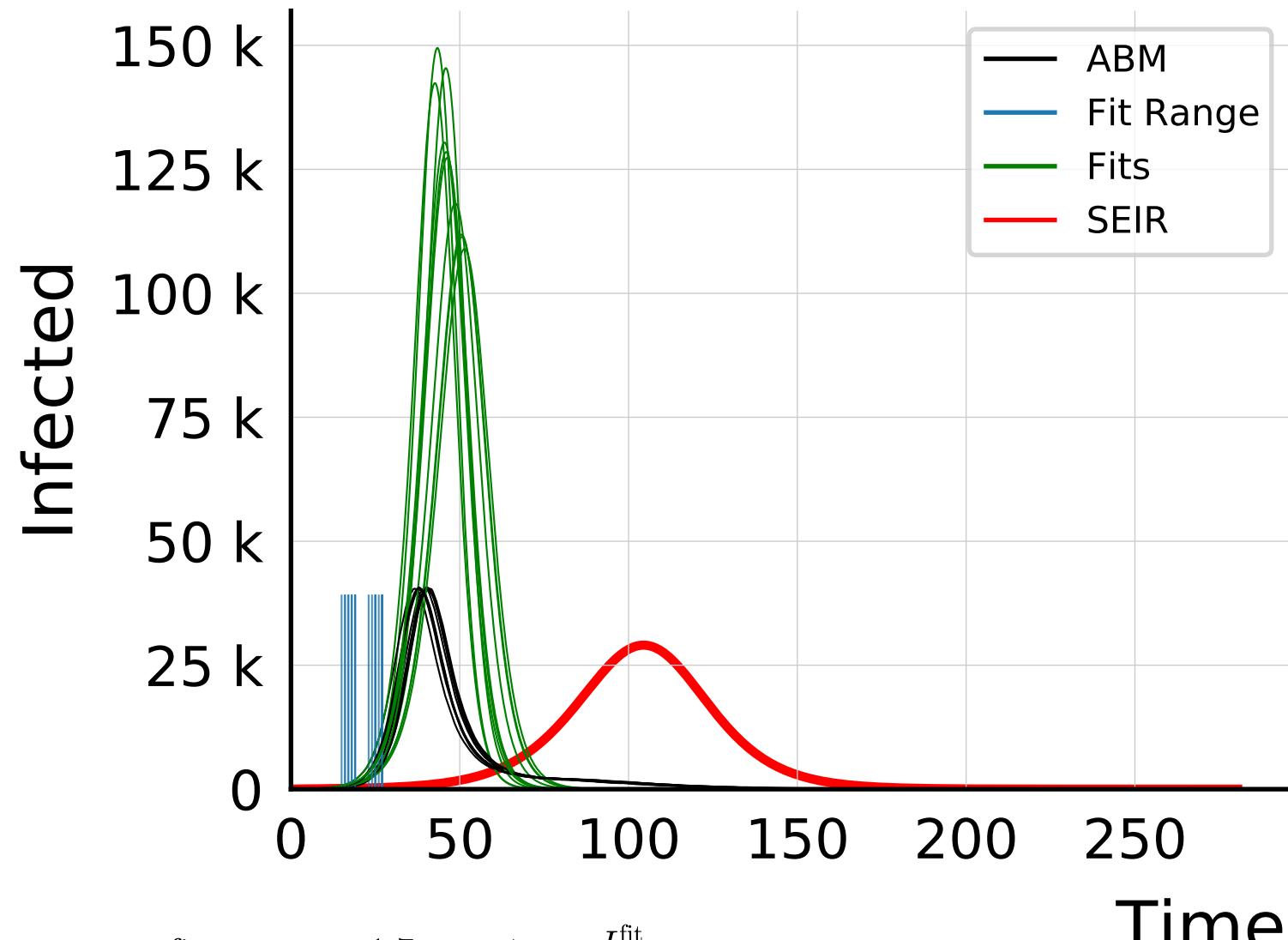


$$R_{\infty}^{\text{fit}} = 562_{-6}^{+9} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.63 \pm 0.010$$

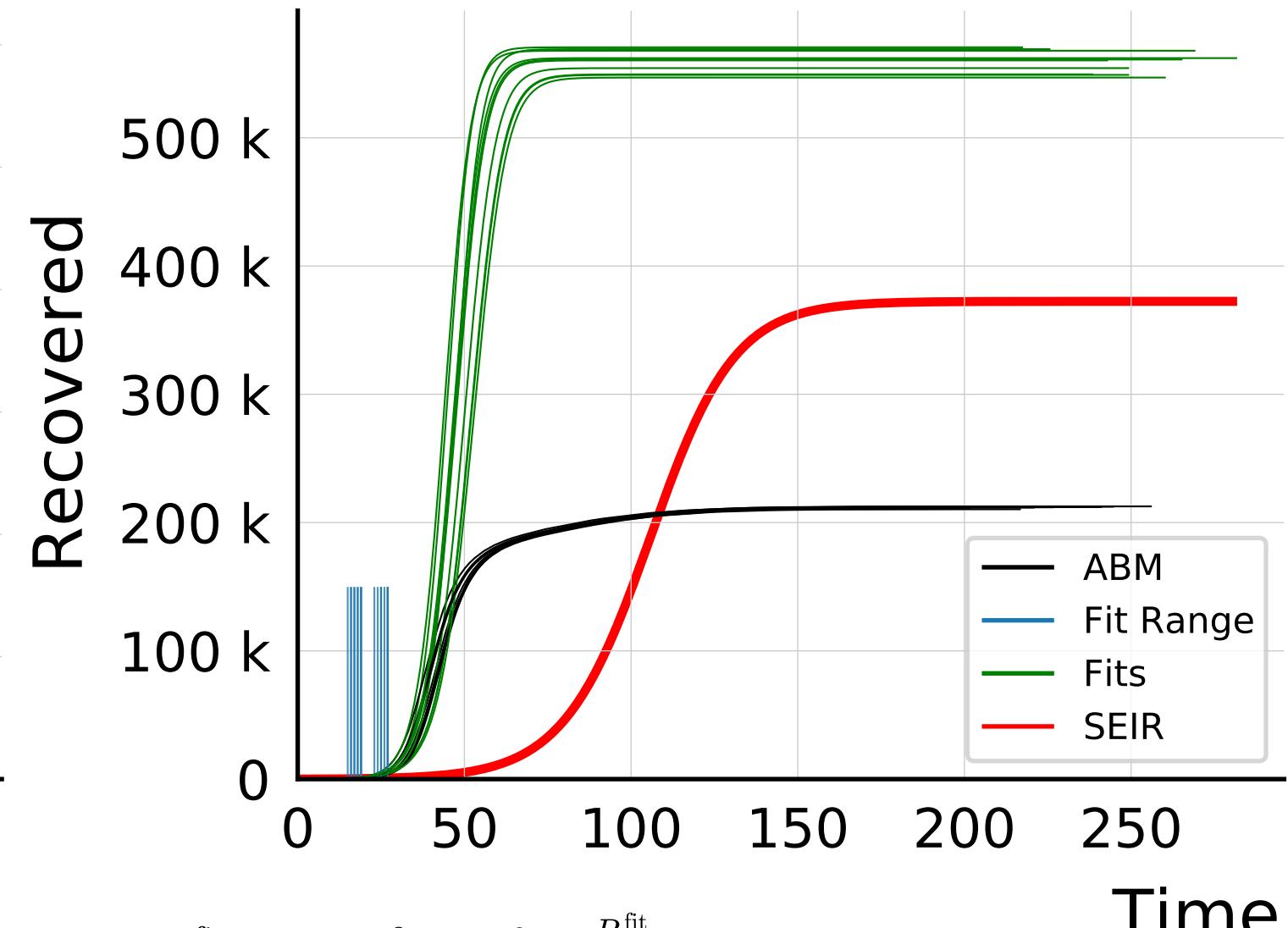
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

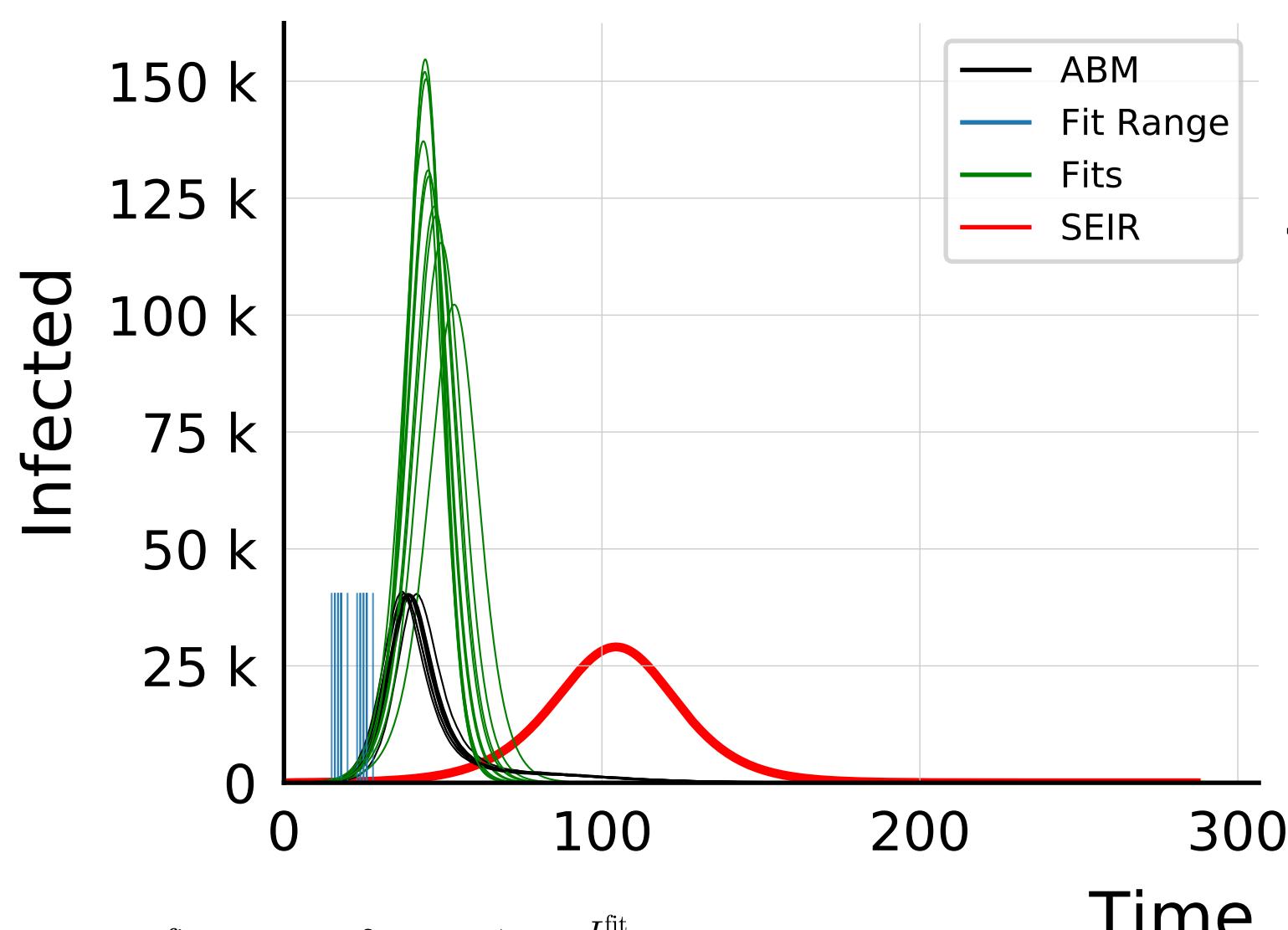


$$I_{\max}^{\text{fit}} = 13^{+1.7}_{-1.7} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.1 \pm 0.11$$

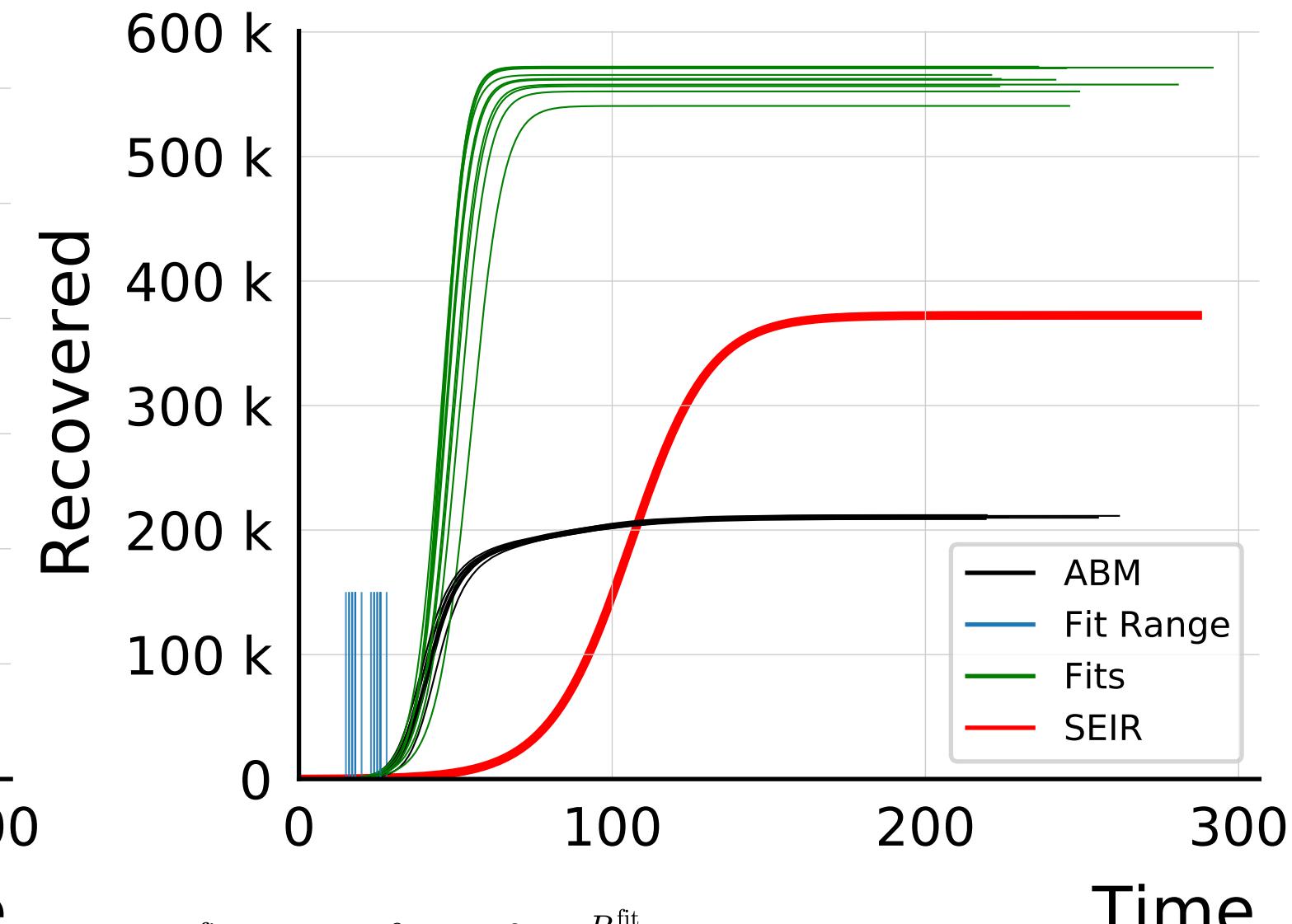


$$R_{\infty}^{\text{fit}} = 561^{+8}_{-12} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.64 \pm 0.012$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

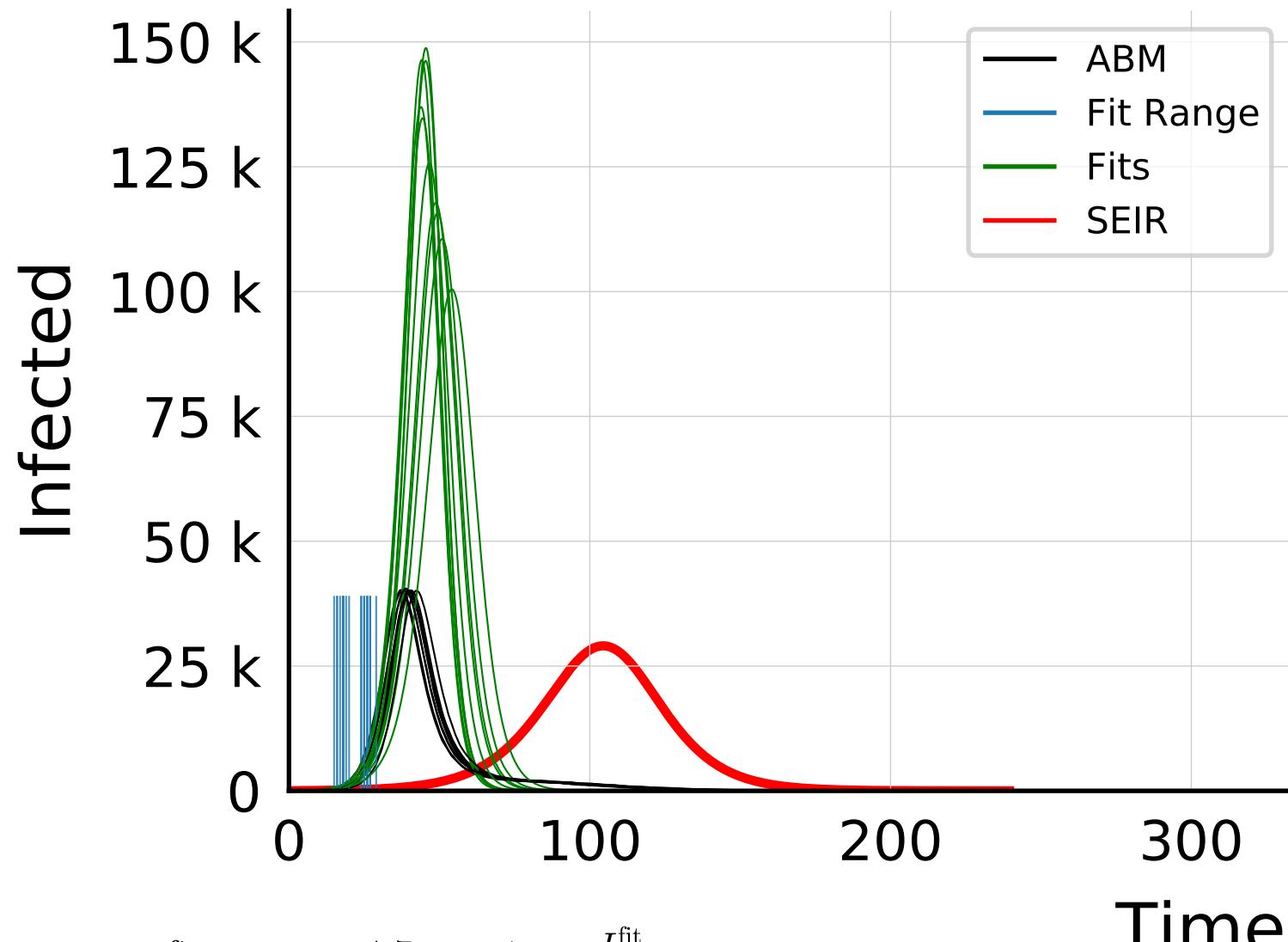


$$I_{\max}^{\text{fit}} = 13_{-1.5}^{+2} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.3 \pm 0.13$$

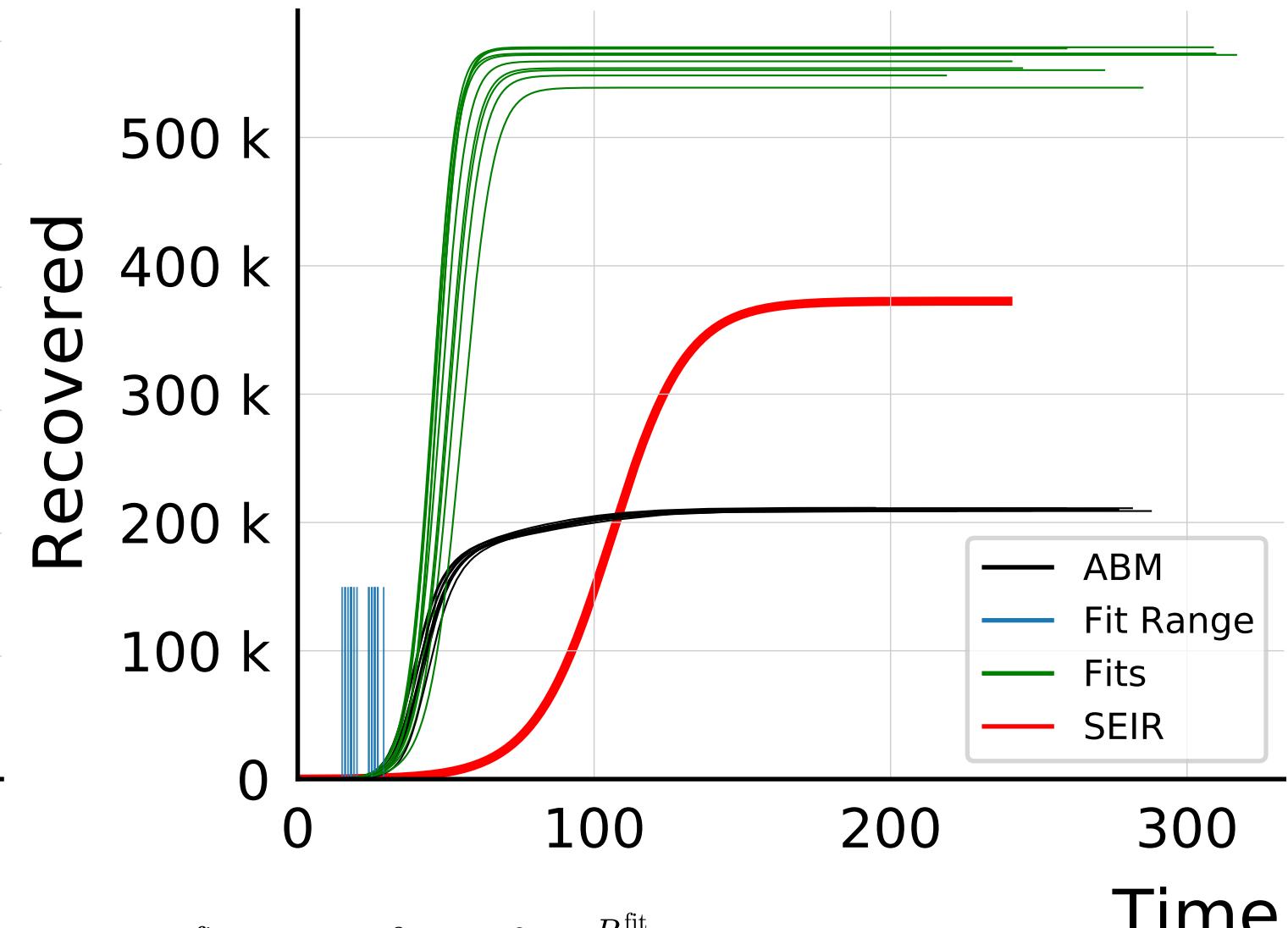


$$R_{\infty}^{\text{fit}} = 562_{-10}^{+9} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 2.66 \pm 0.014$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

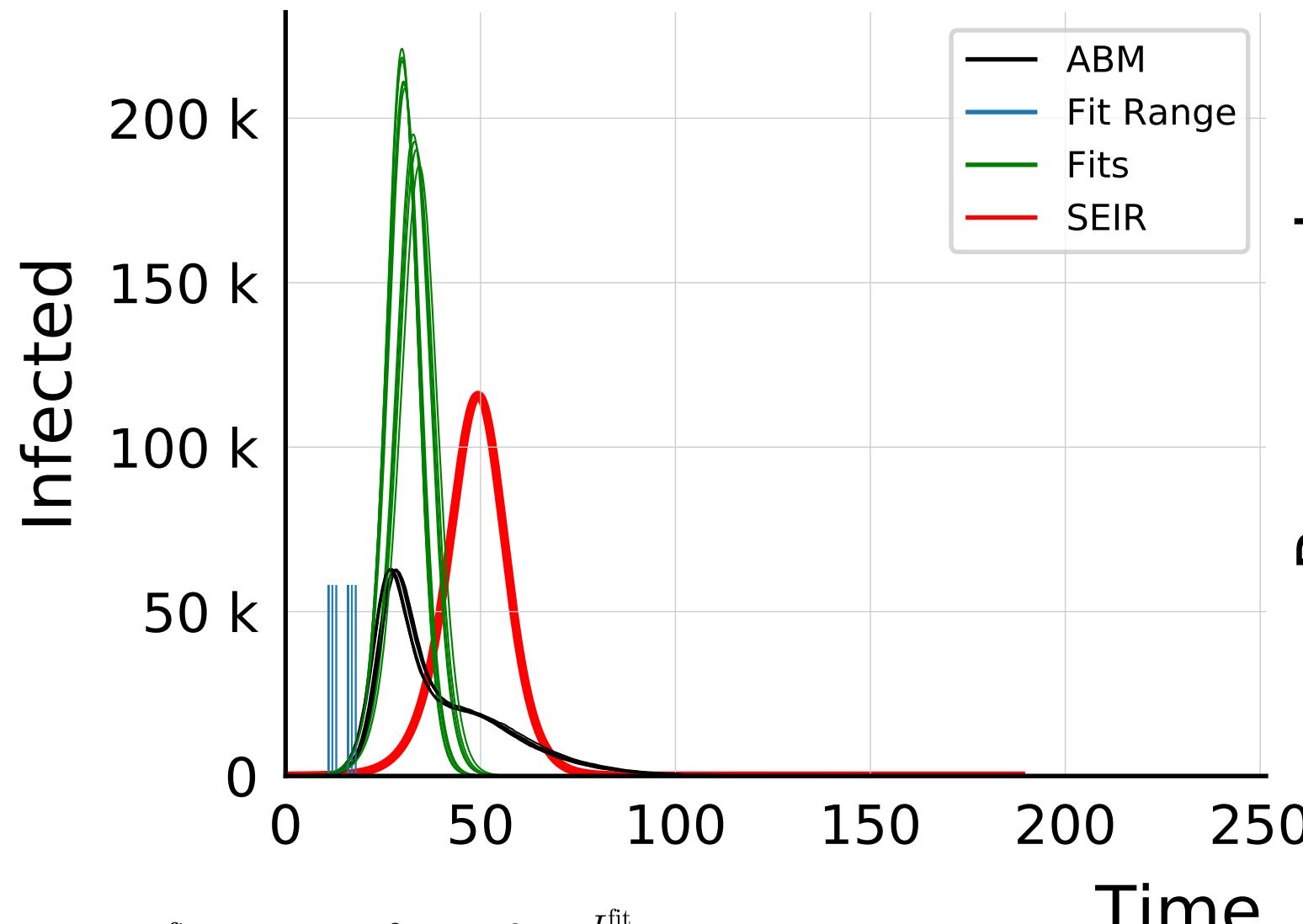


$$I_{\max}^{\text{fit}} = 13^{+1.7}_{-2.0} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.2 \pm 0.12$$

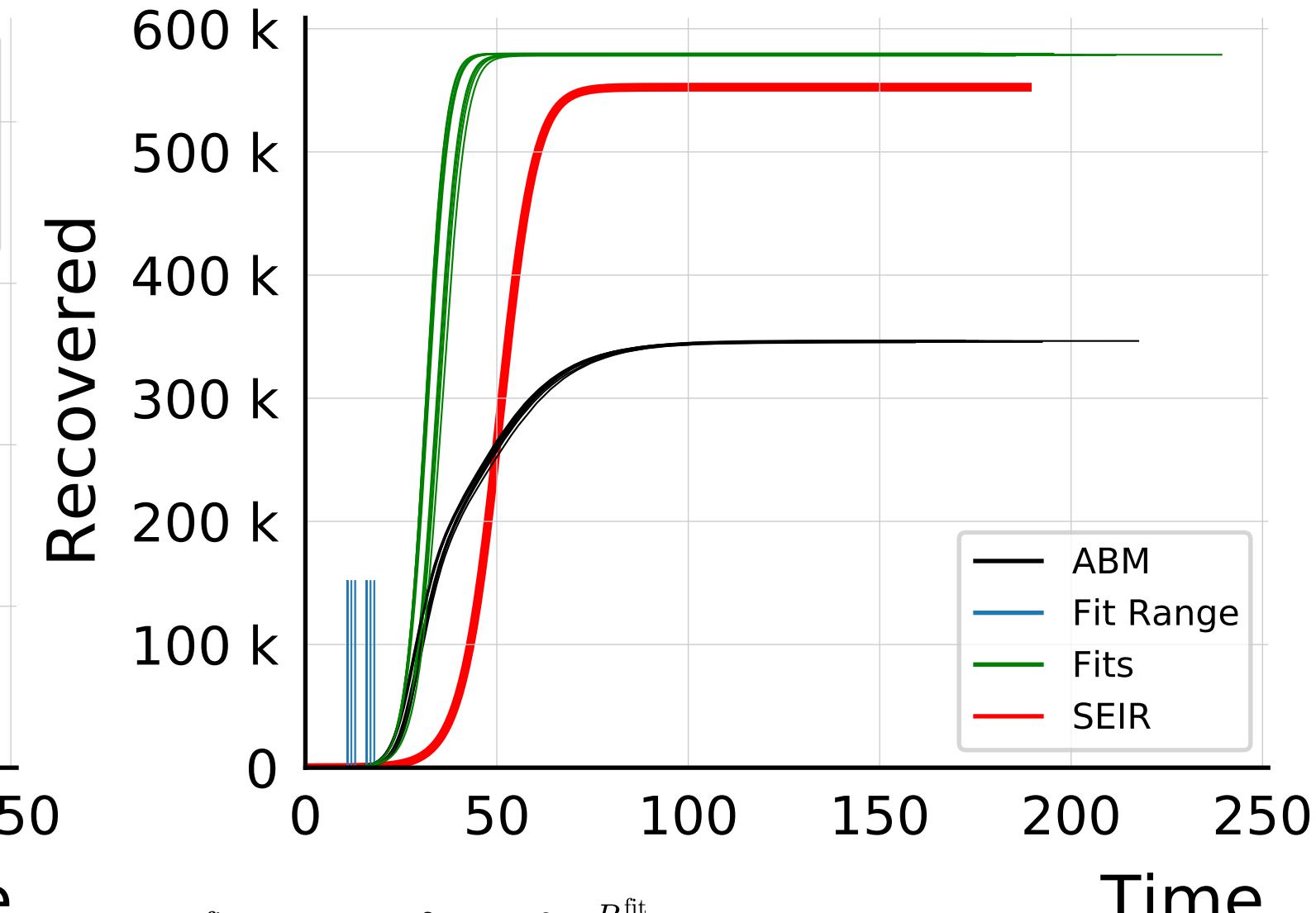


$$R_{\infty}^{\text{fit}} = 562^{+8}_{-13} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 2.66 \pm 0.016$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

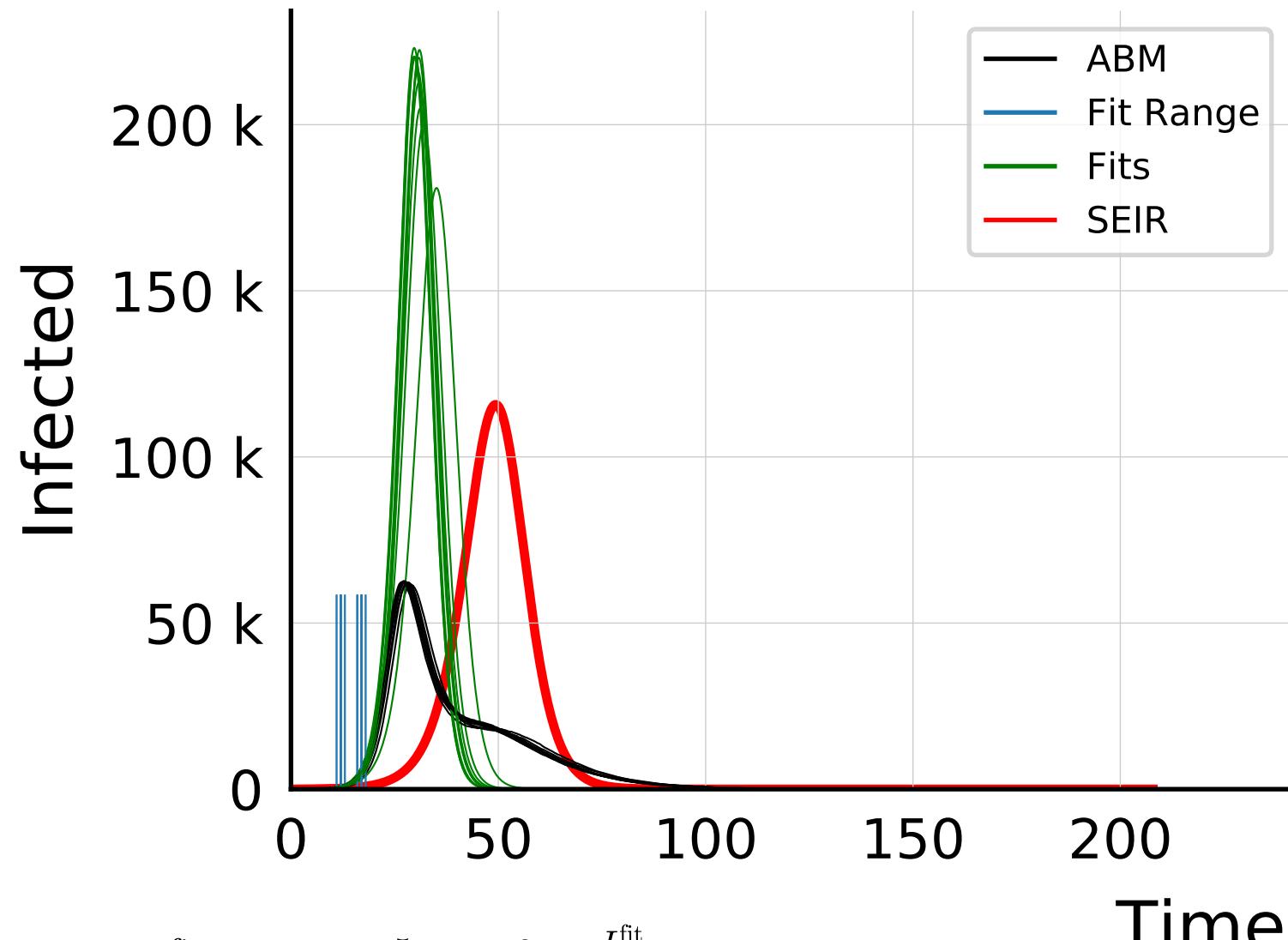


$$I_{\max}^{\text{fit}} = 210_{-19}^{+9} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.27 \pm 0.061$$

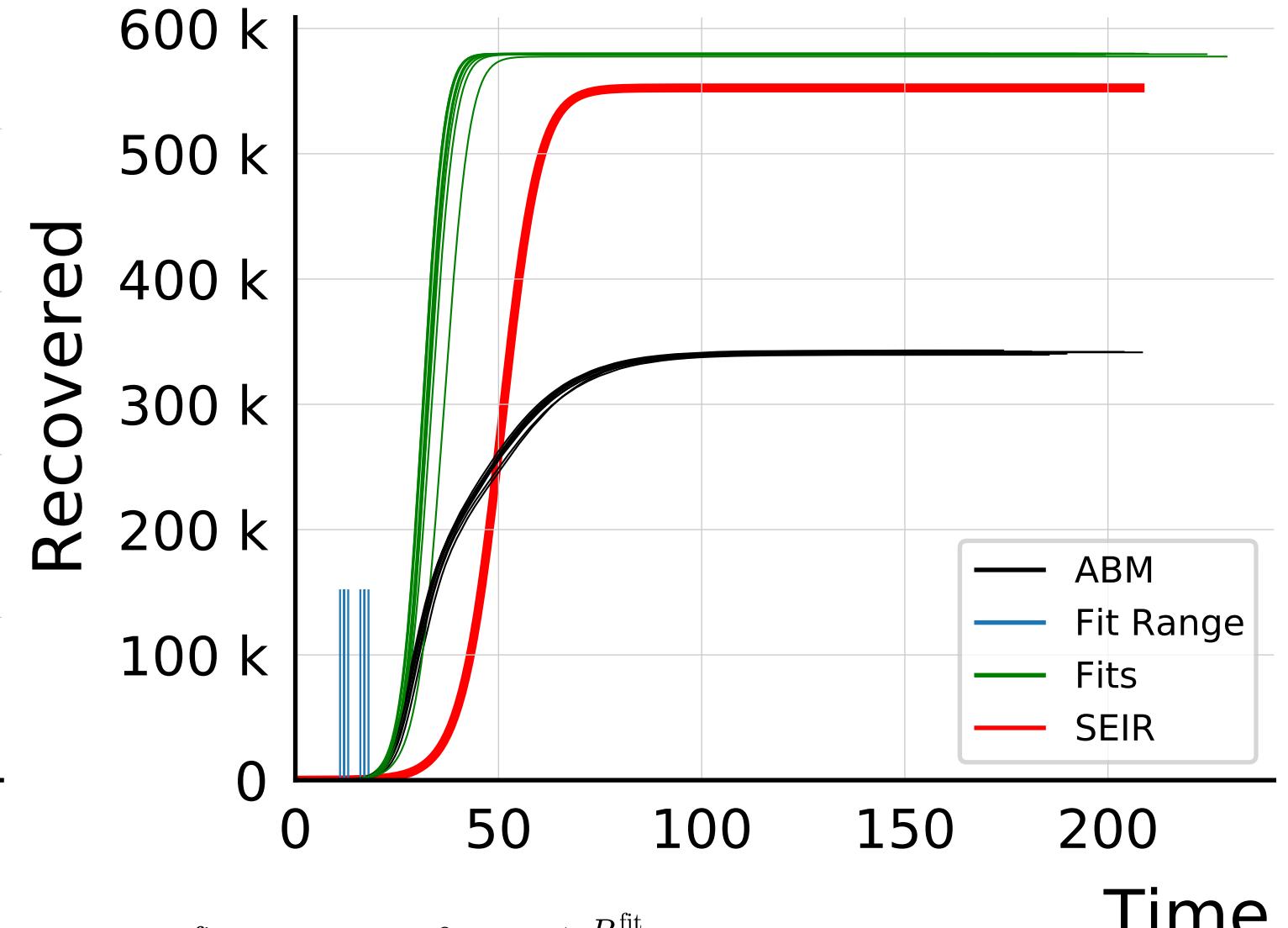


$$R_{\infty}^{\text{fit}} = 5796_{-11}^{+2} \cdot 10^2 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.6735 \pm 0.00089$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

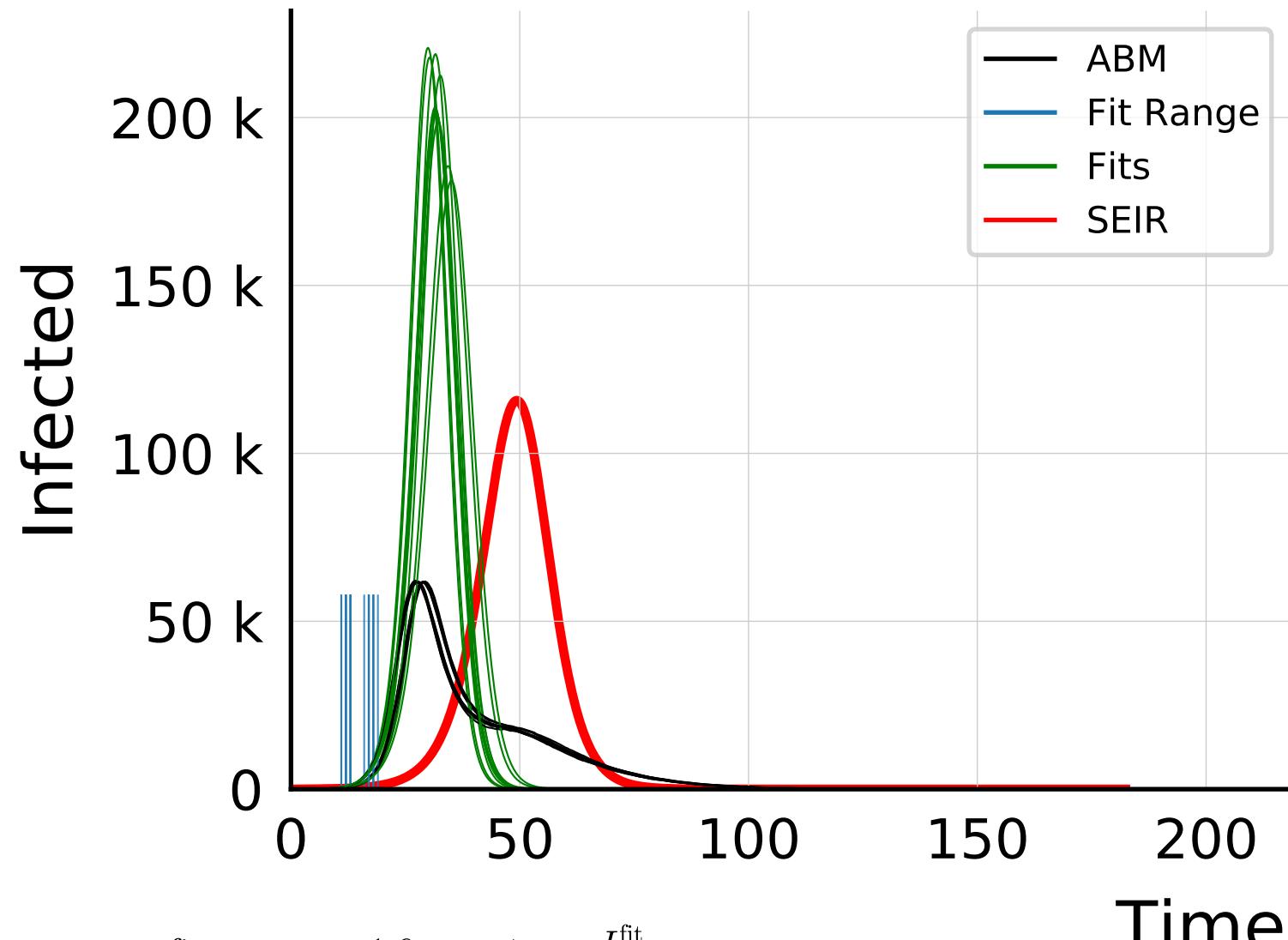


$$I_{\max}^{\text{fit}} = 217^{+5}_{-17} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.4 \pm 0.062$$



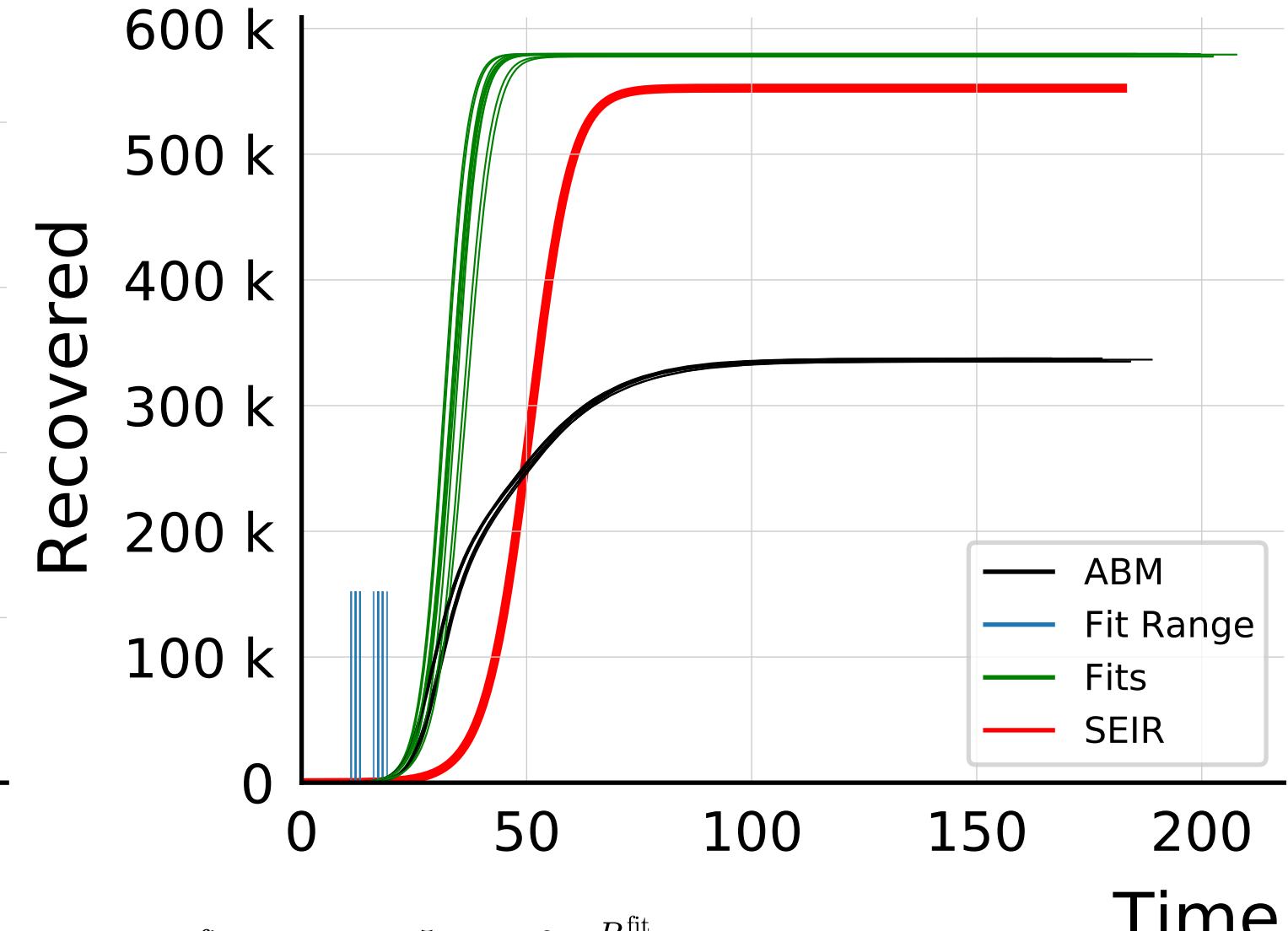
$$R_{\infty}^{\text{fit}} = 57978^{+9}_{-60} \cdot 10^1 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 1.697 \pm 0.0018$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.02$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



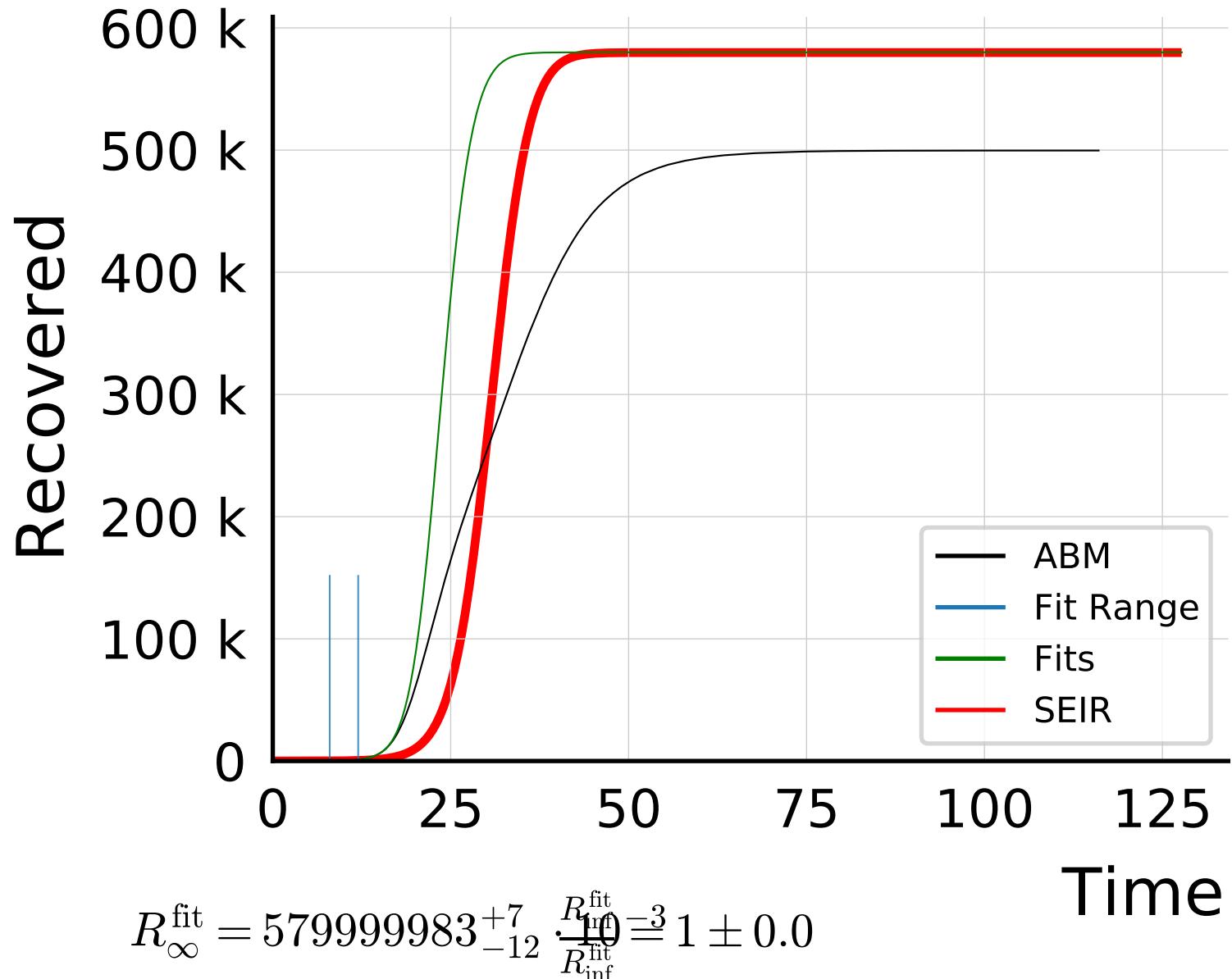
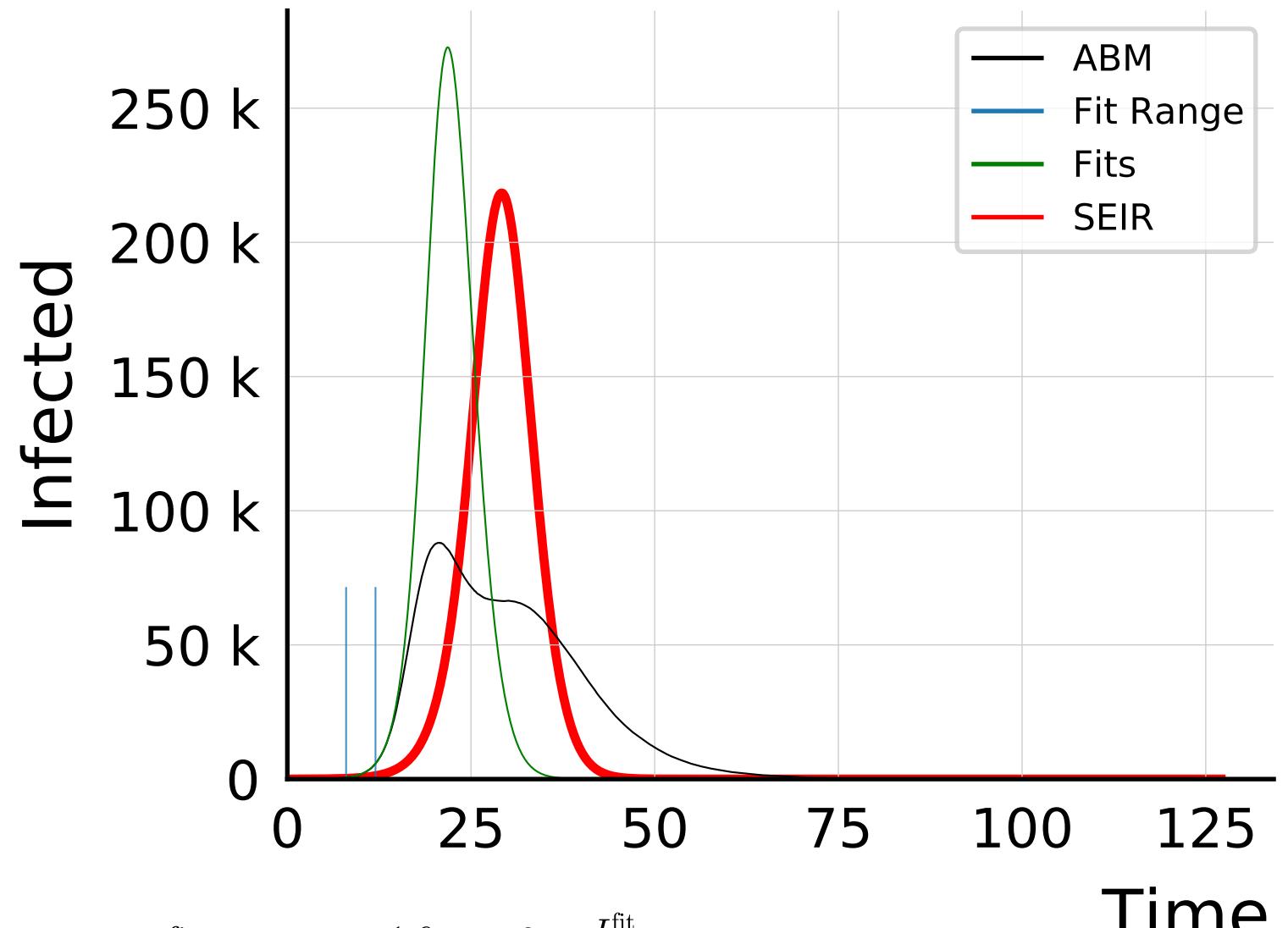
$$I_{\max}^{\text{fit}} = 20^{+1.6}_{-1.7} \cdot 10^4$$

$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.31 \pm 0.066$$

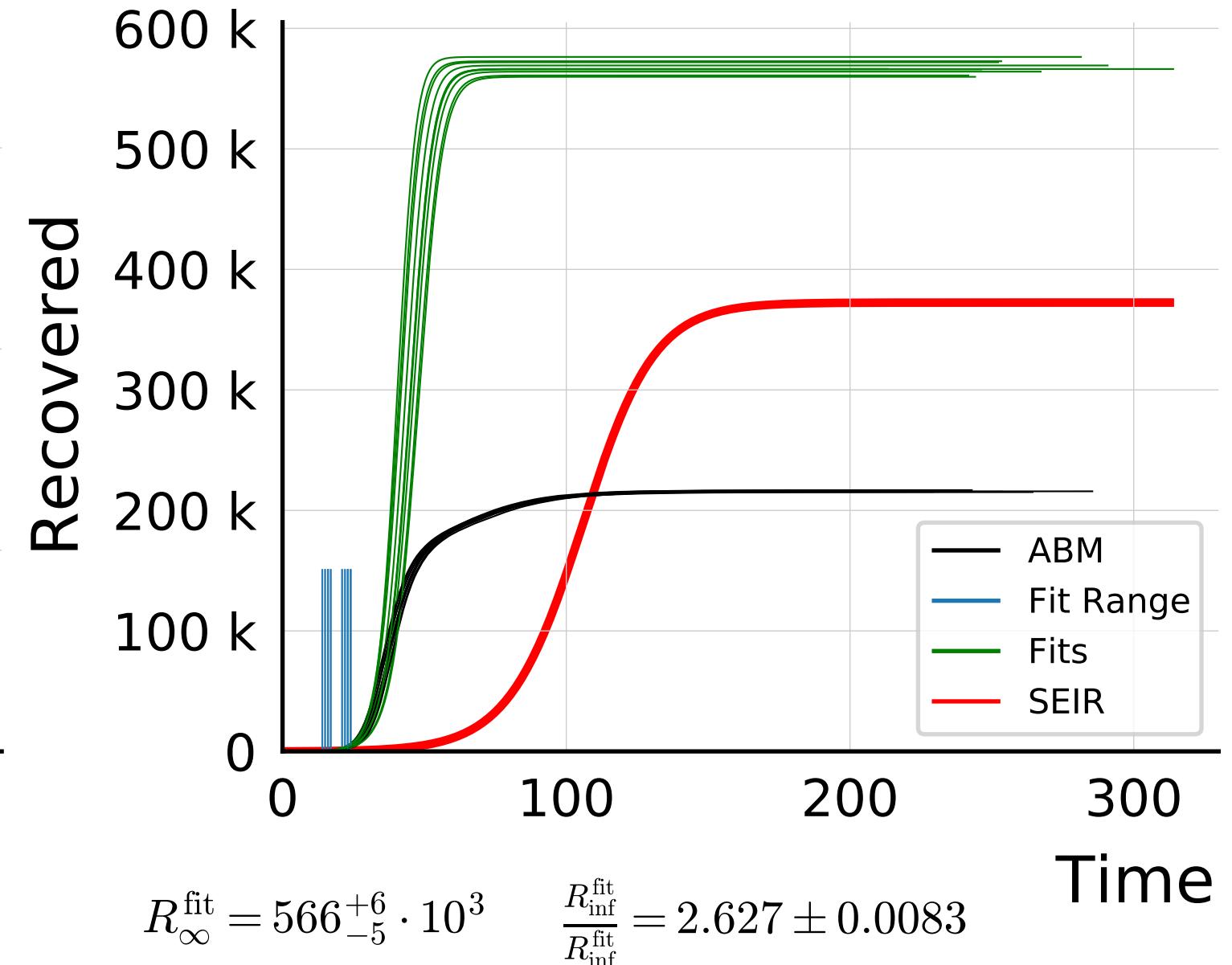
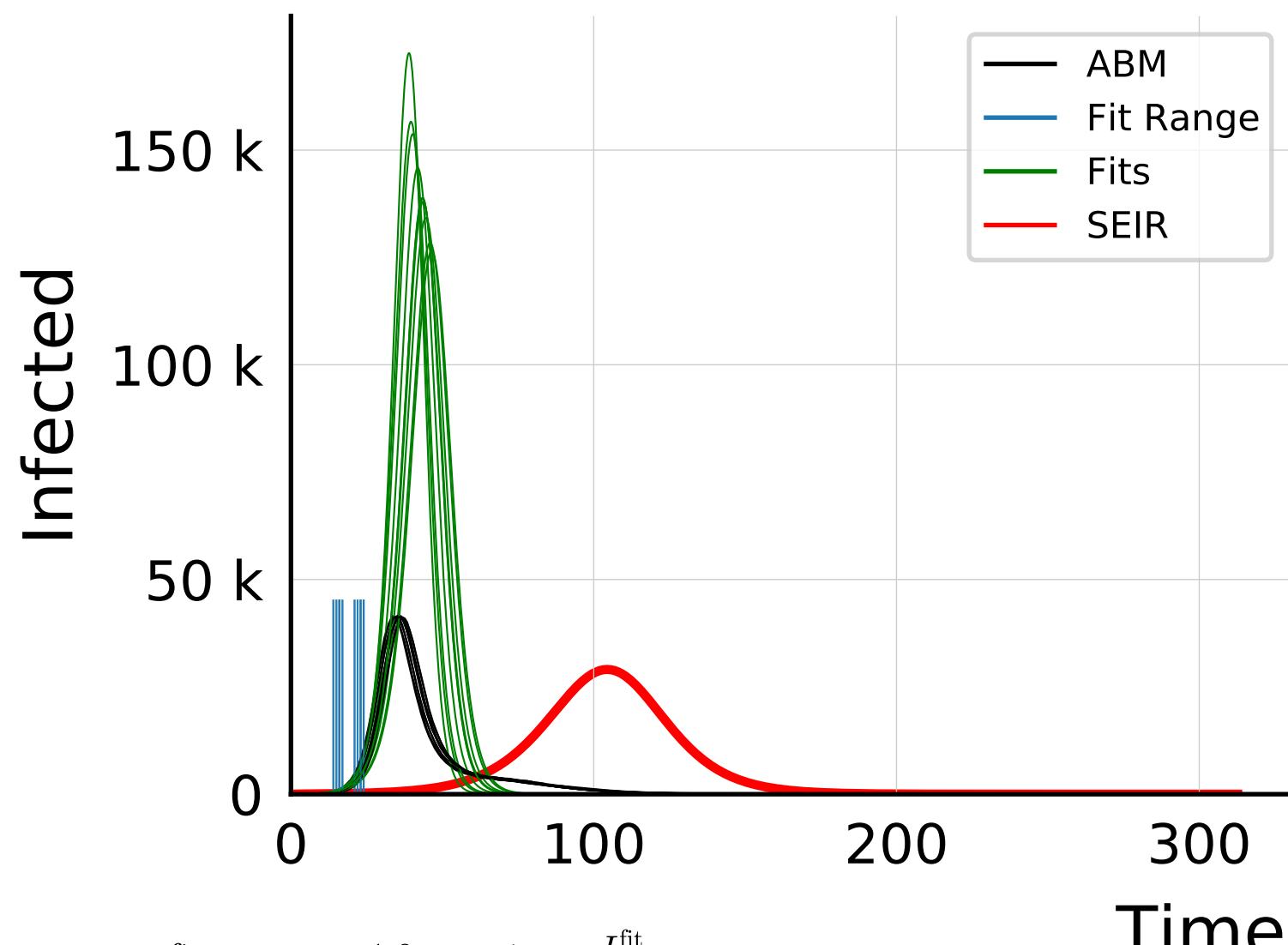


$$R_{\infty}^{\text{fit}} = 5793^{+5}_{-12} \cdot 10^2 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.722 \pm 0.0010$$

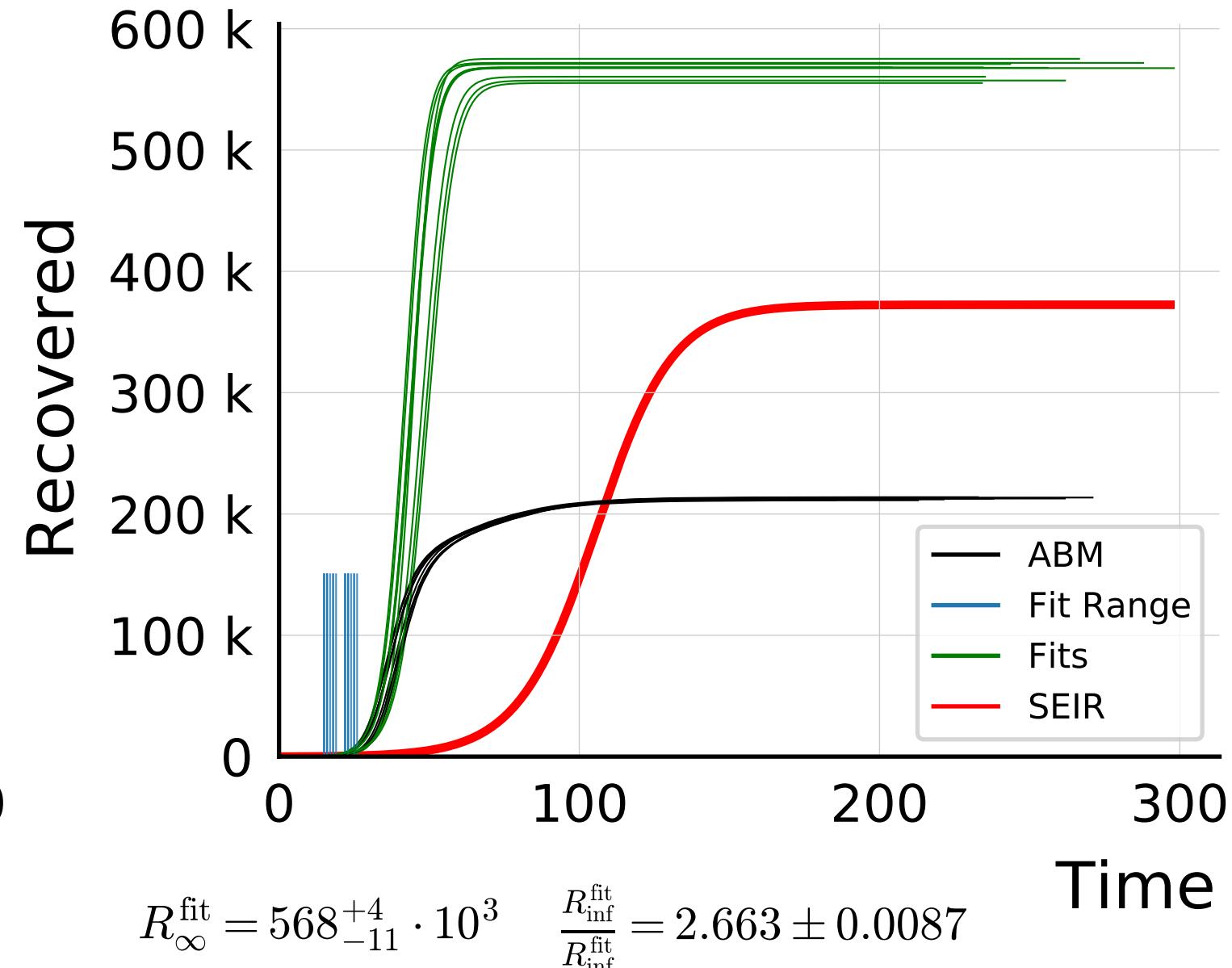
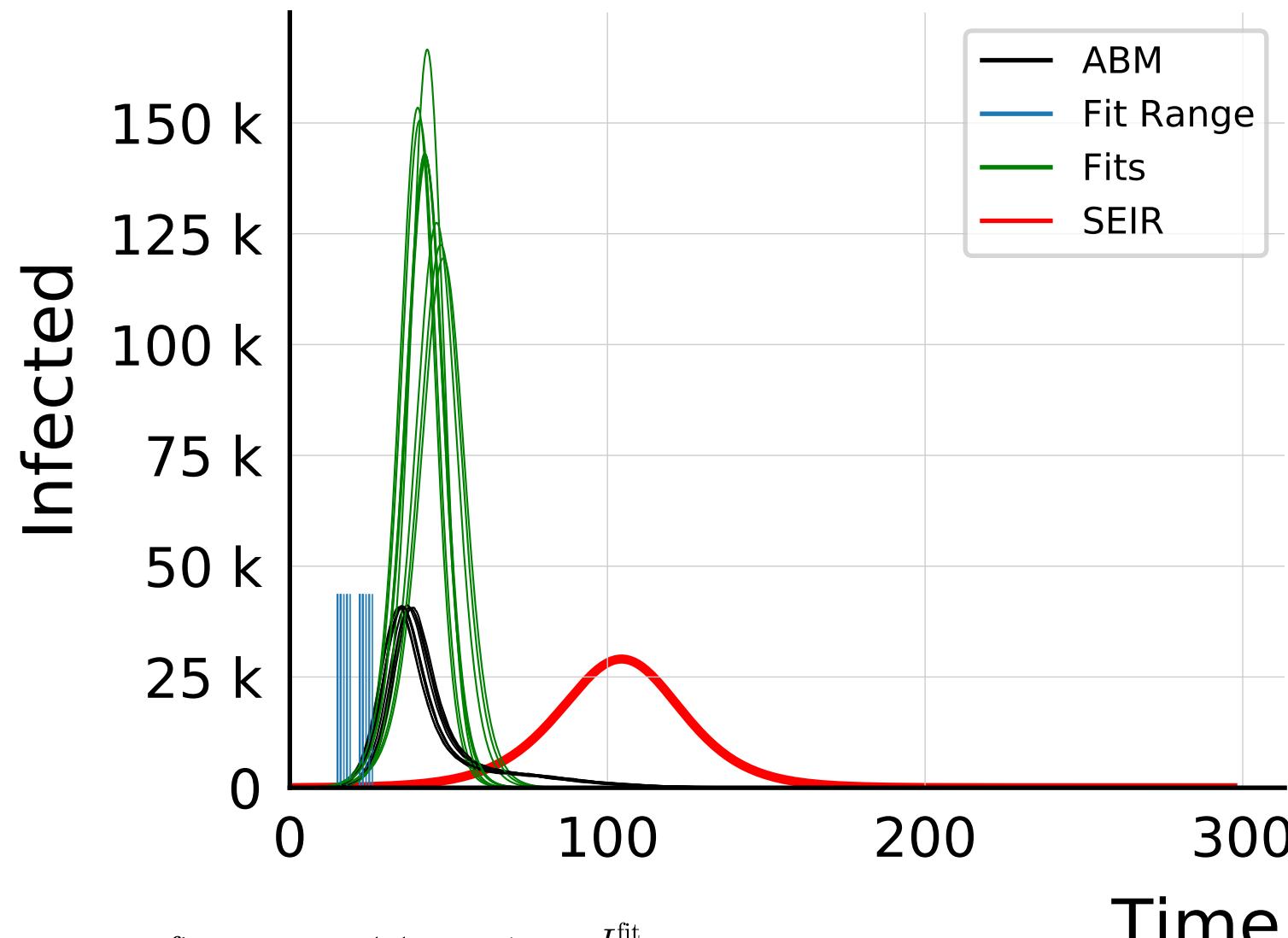
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.05$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #1



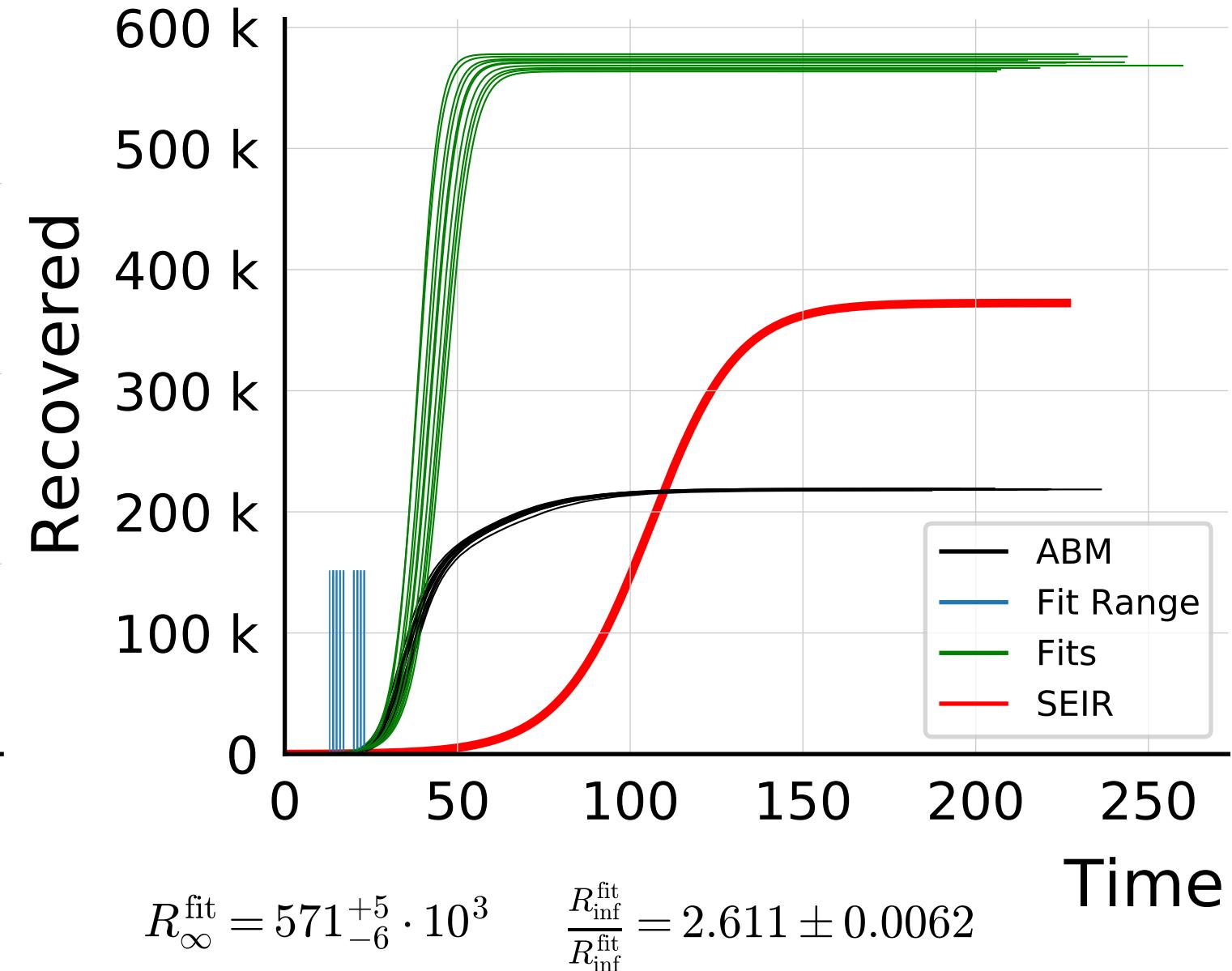
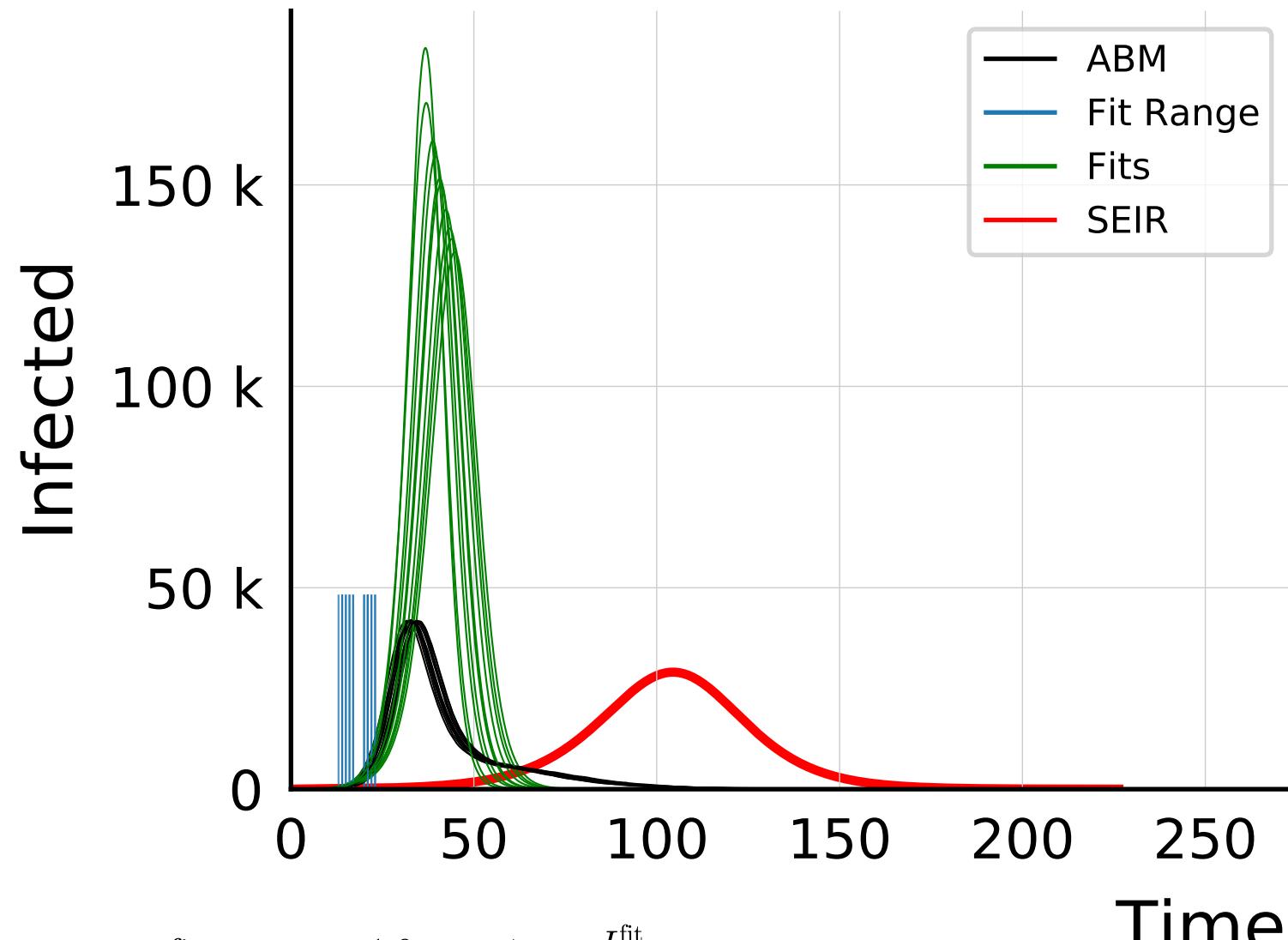
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



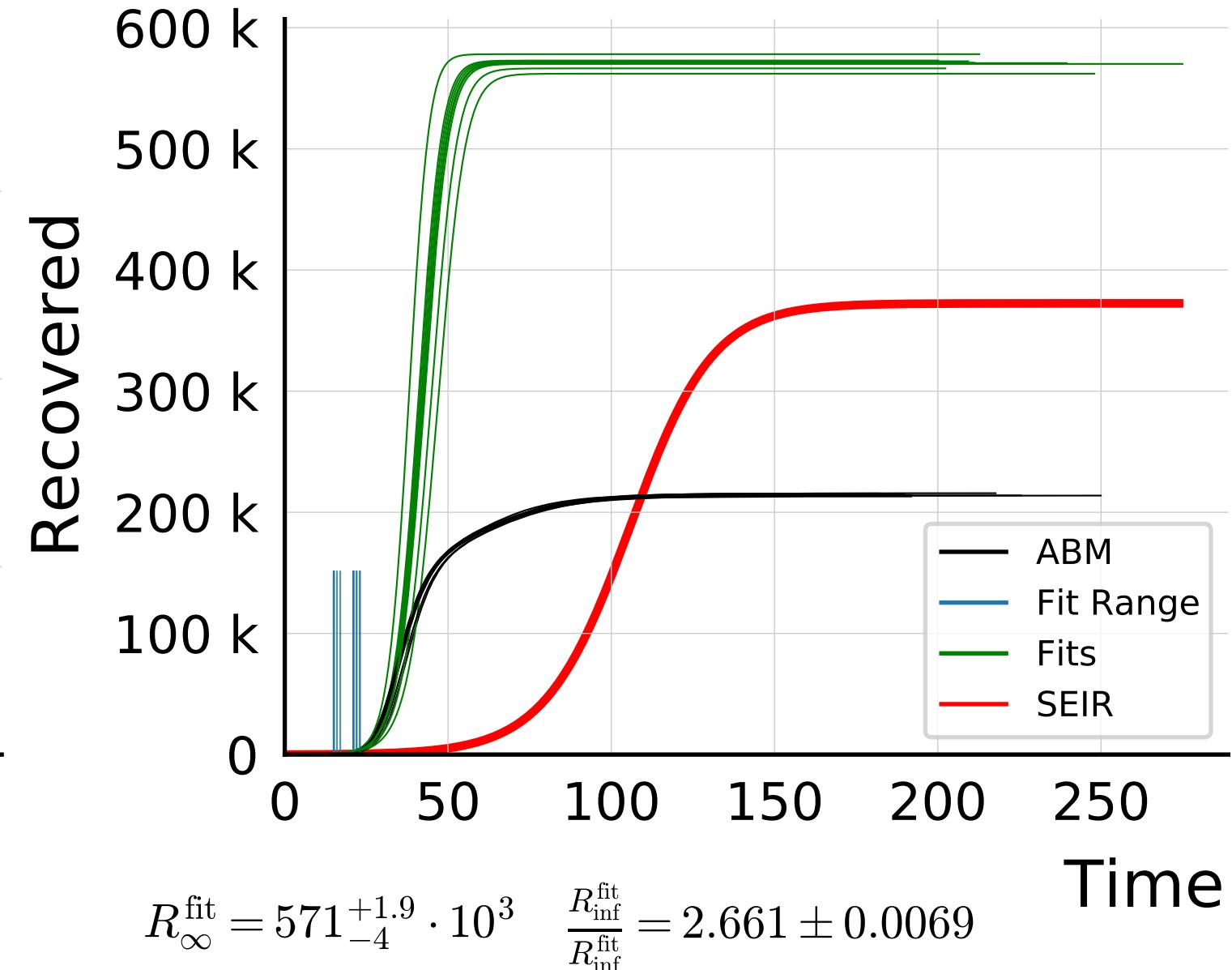
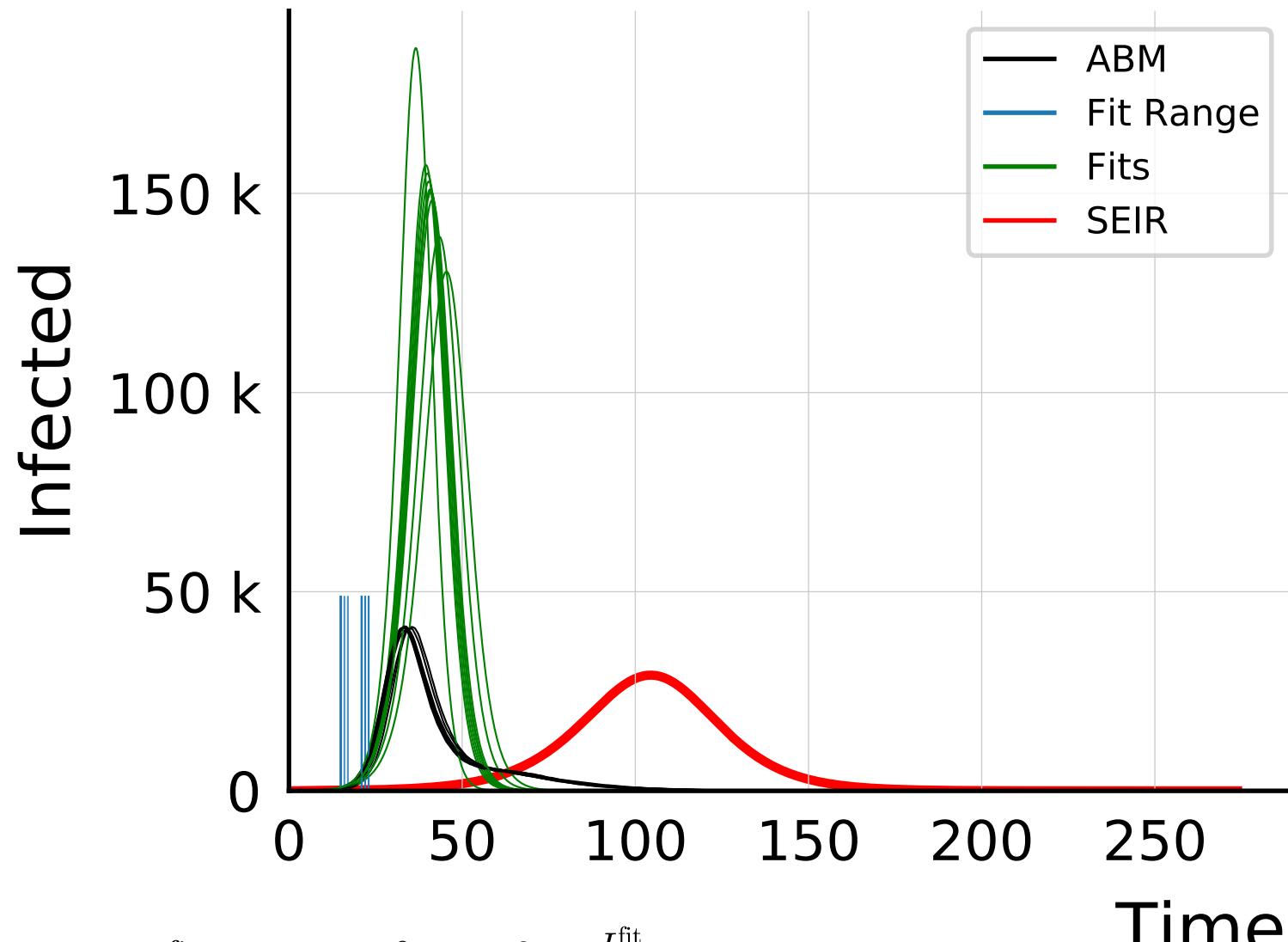
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.25$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



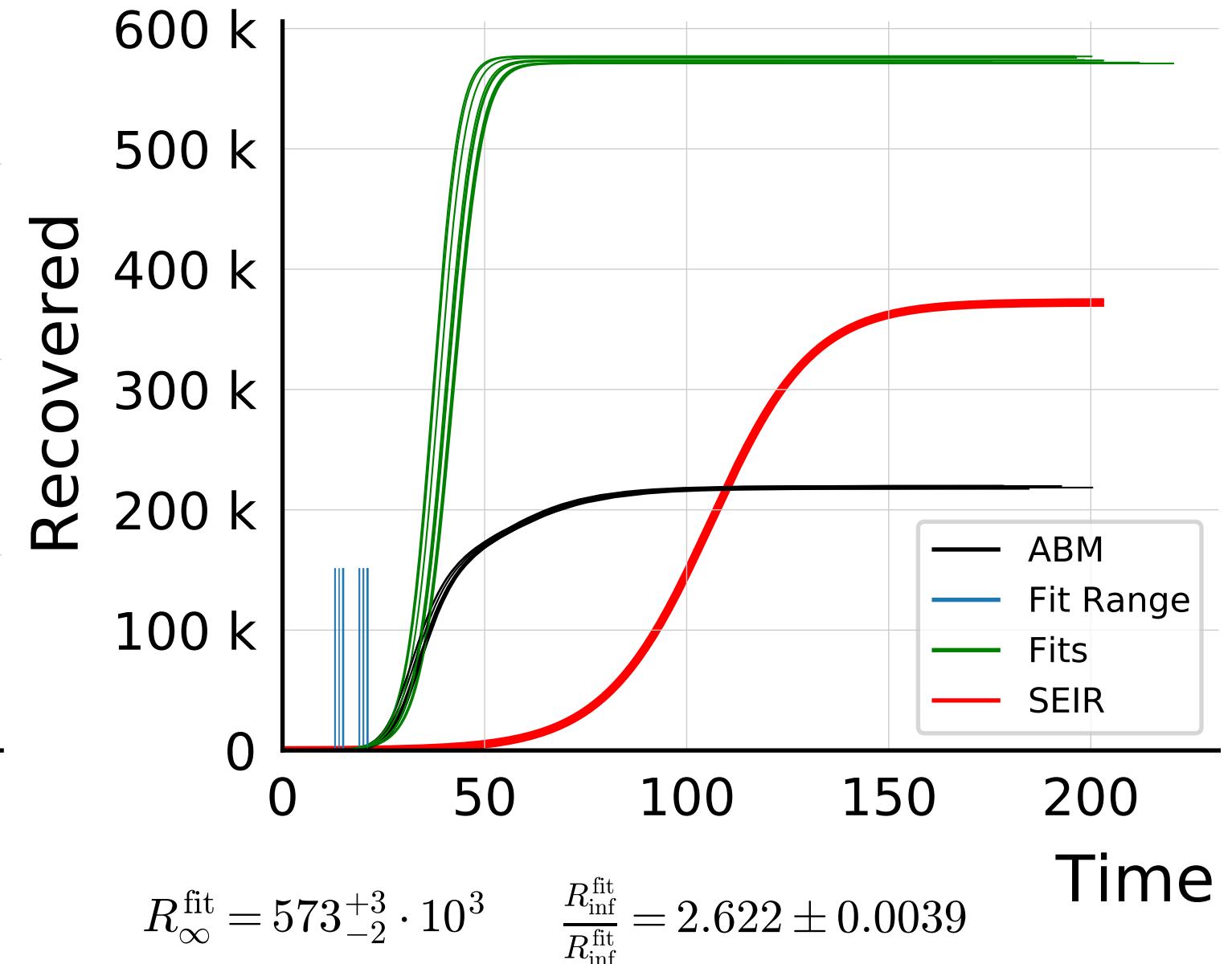
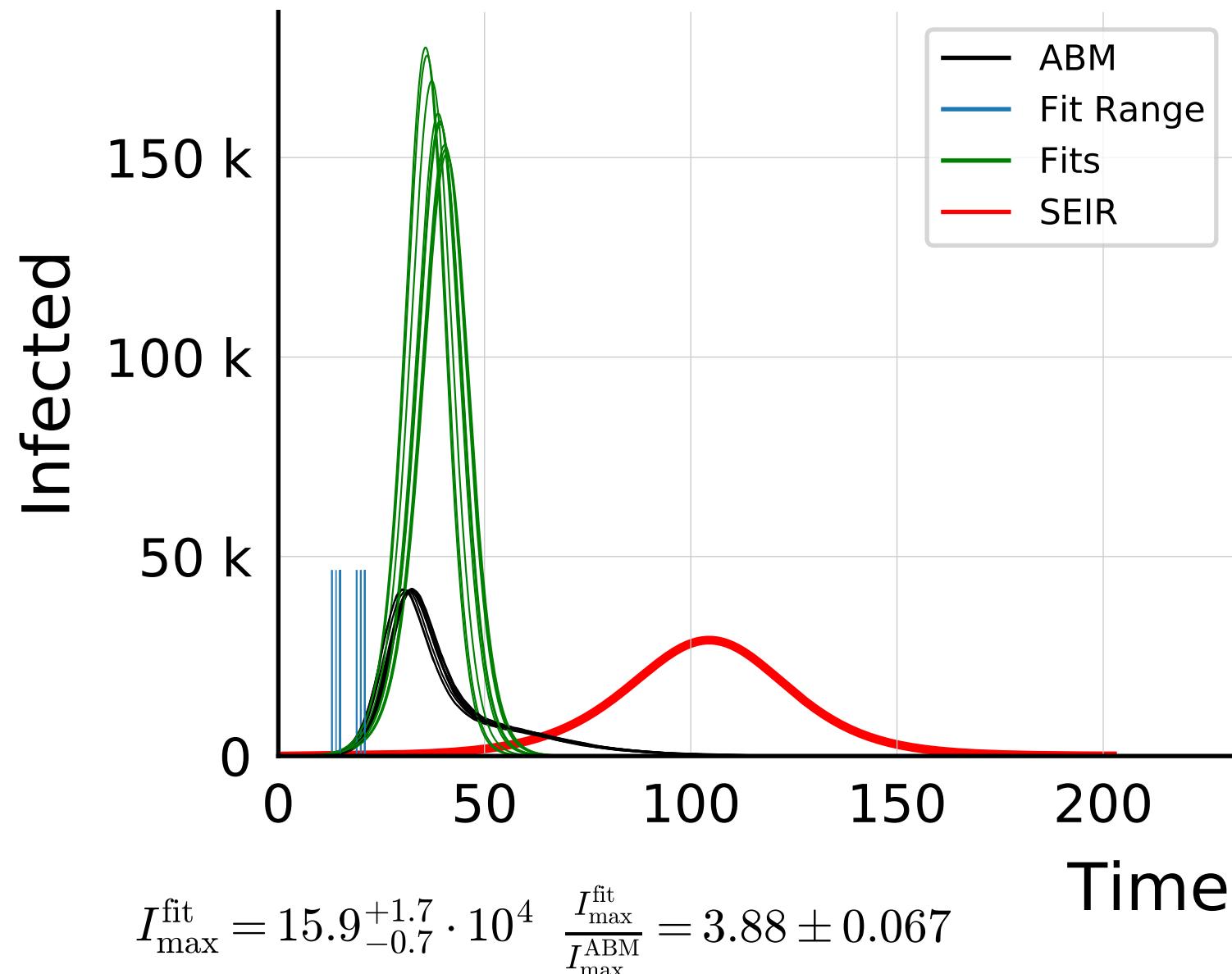
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



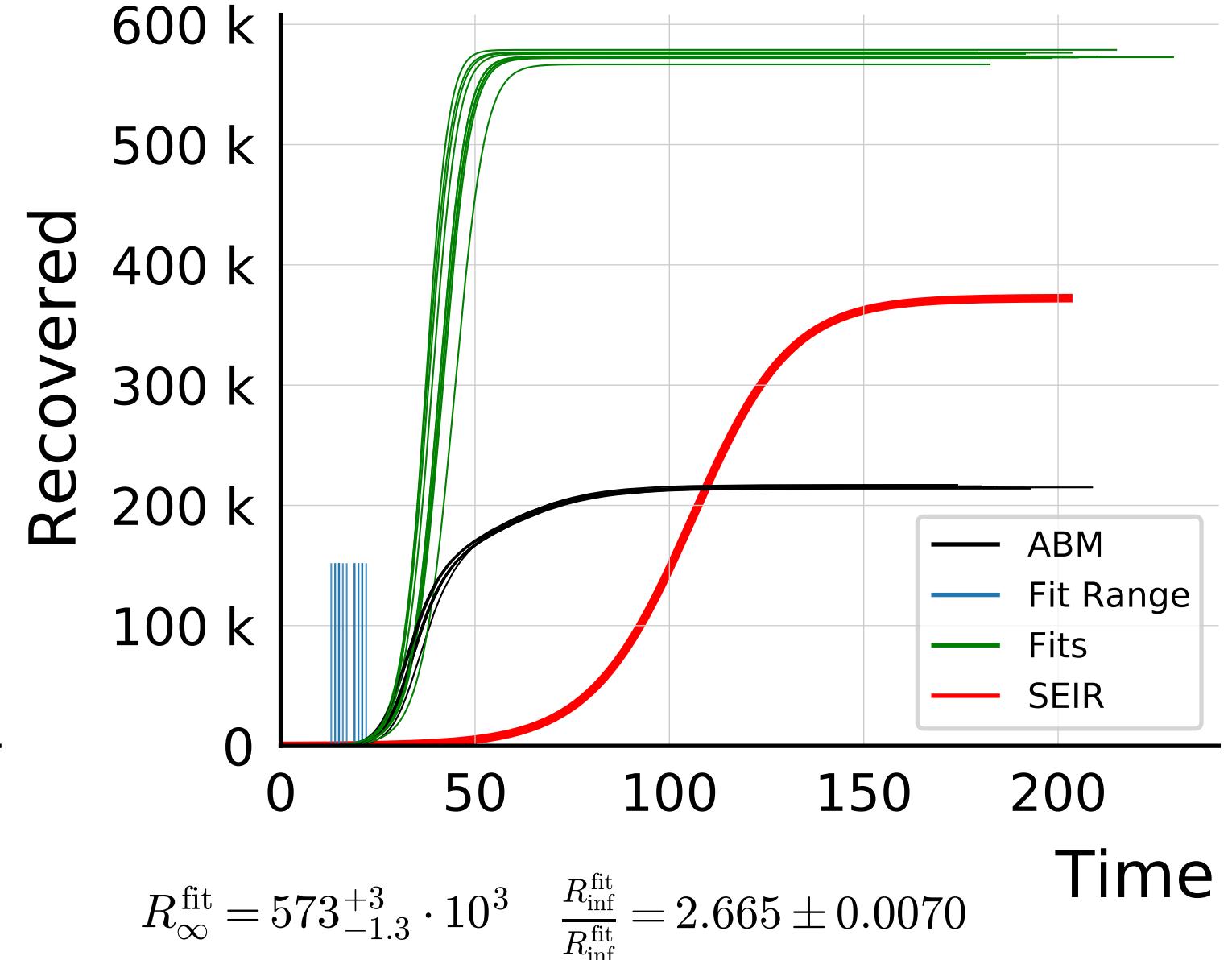
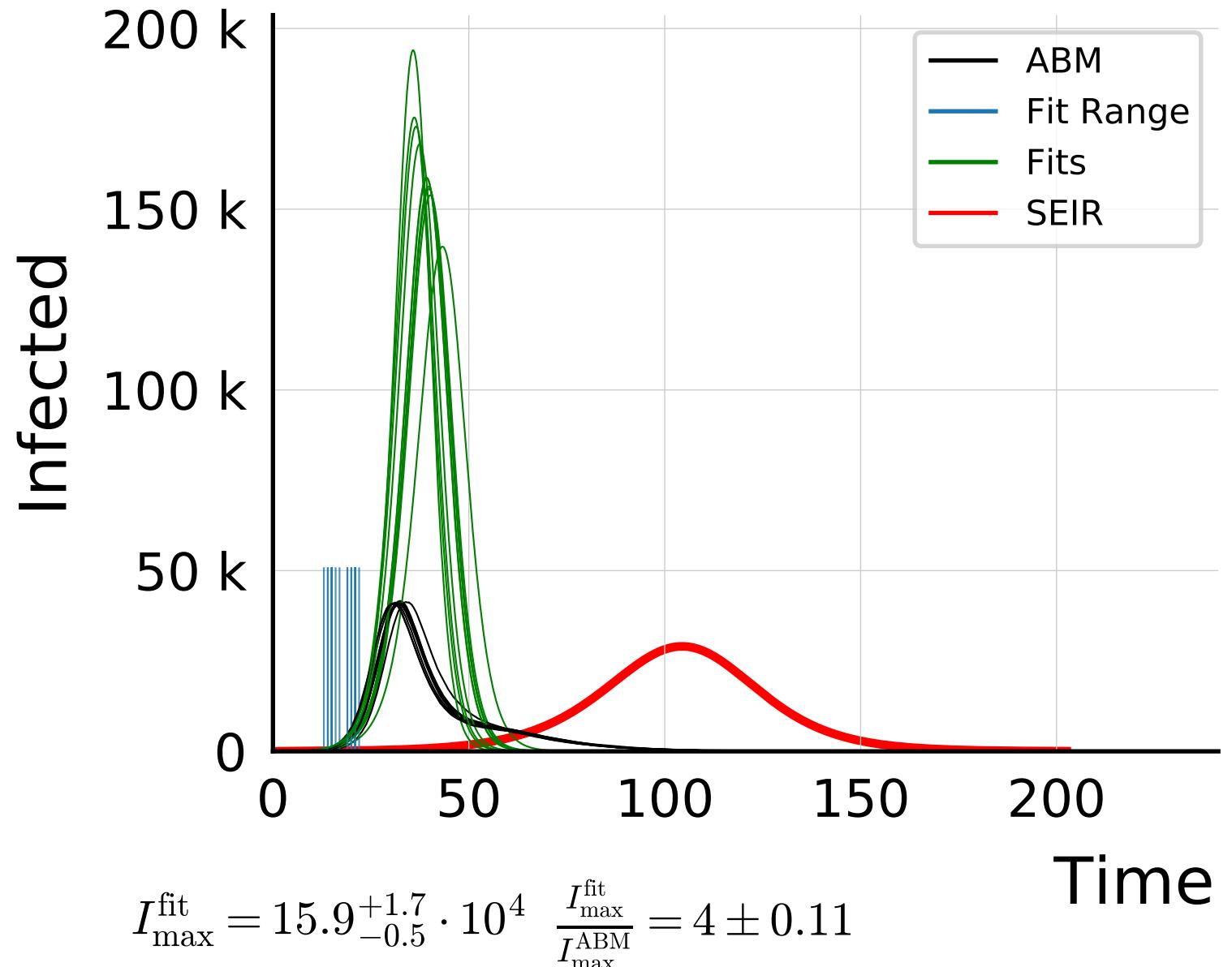
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.5$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



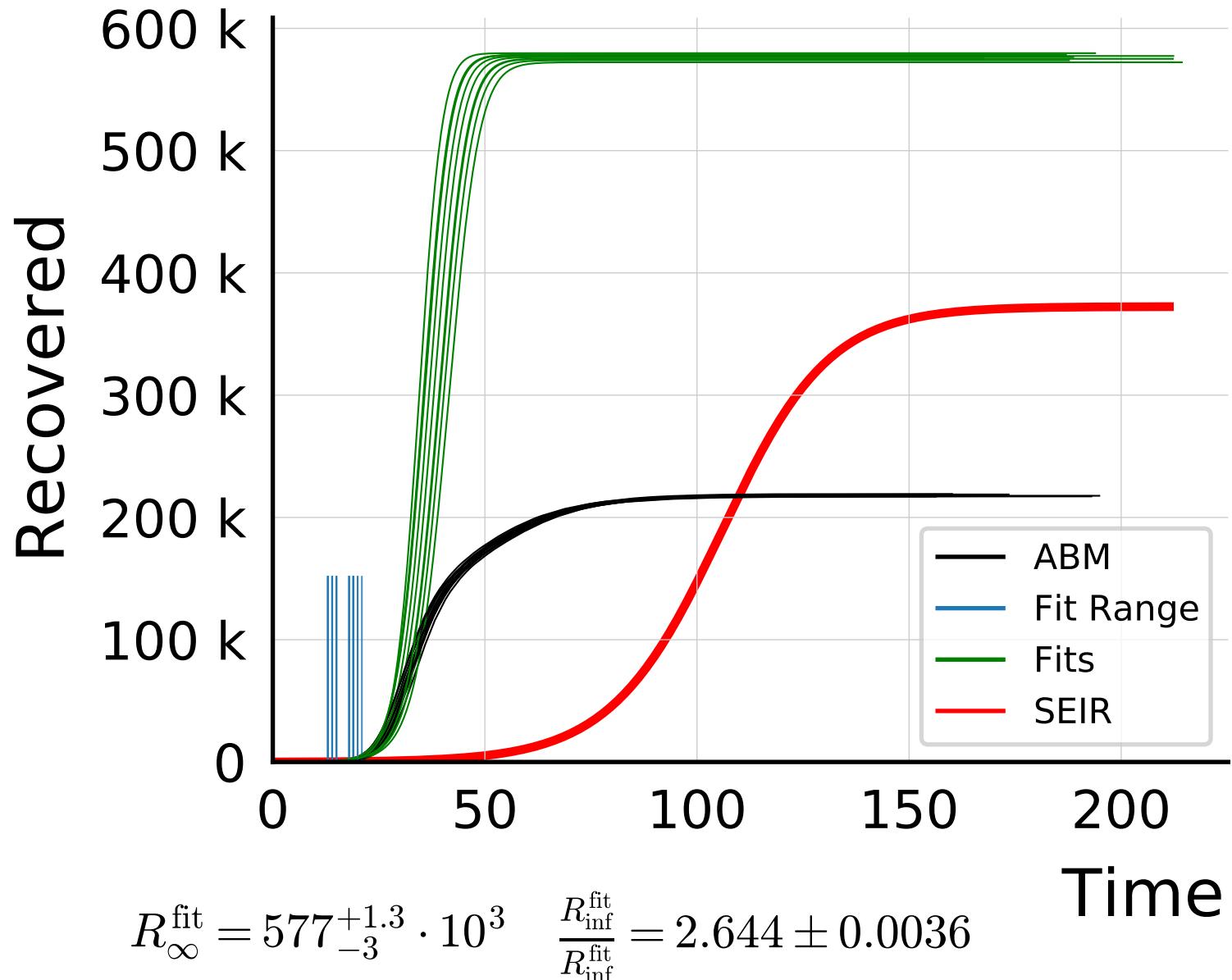
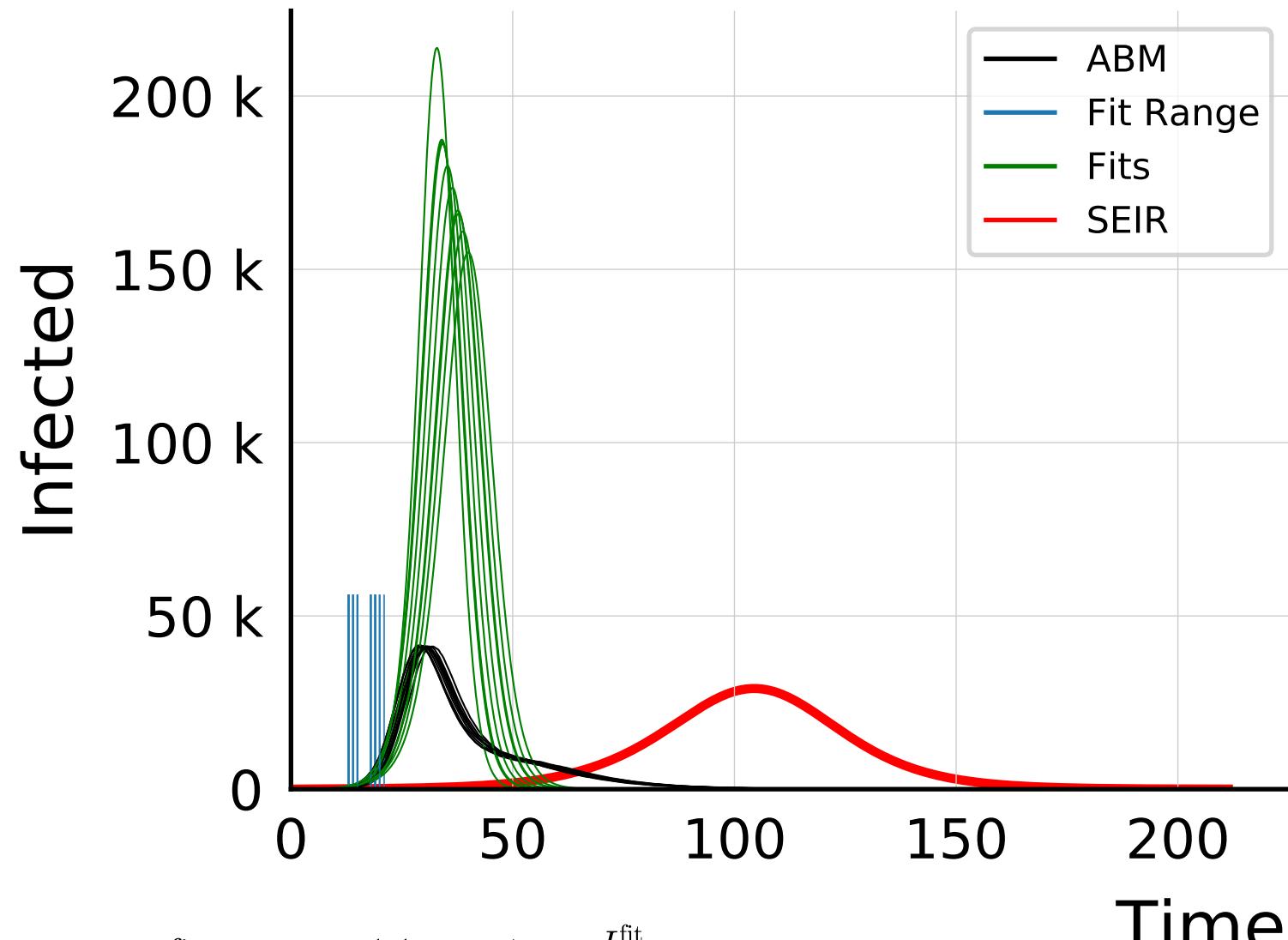
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



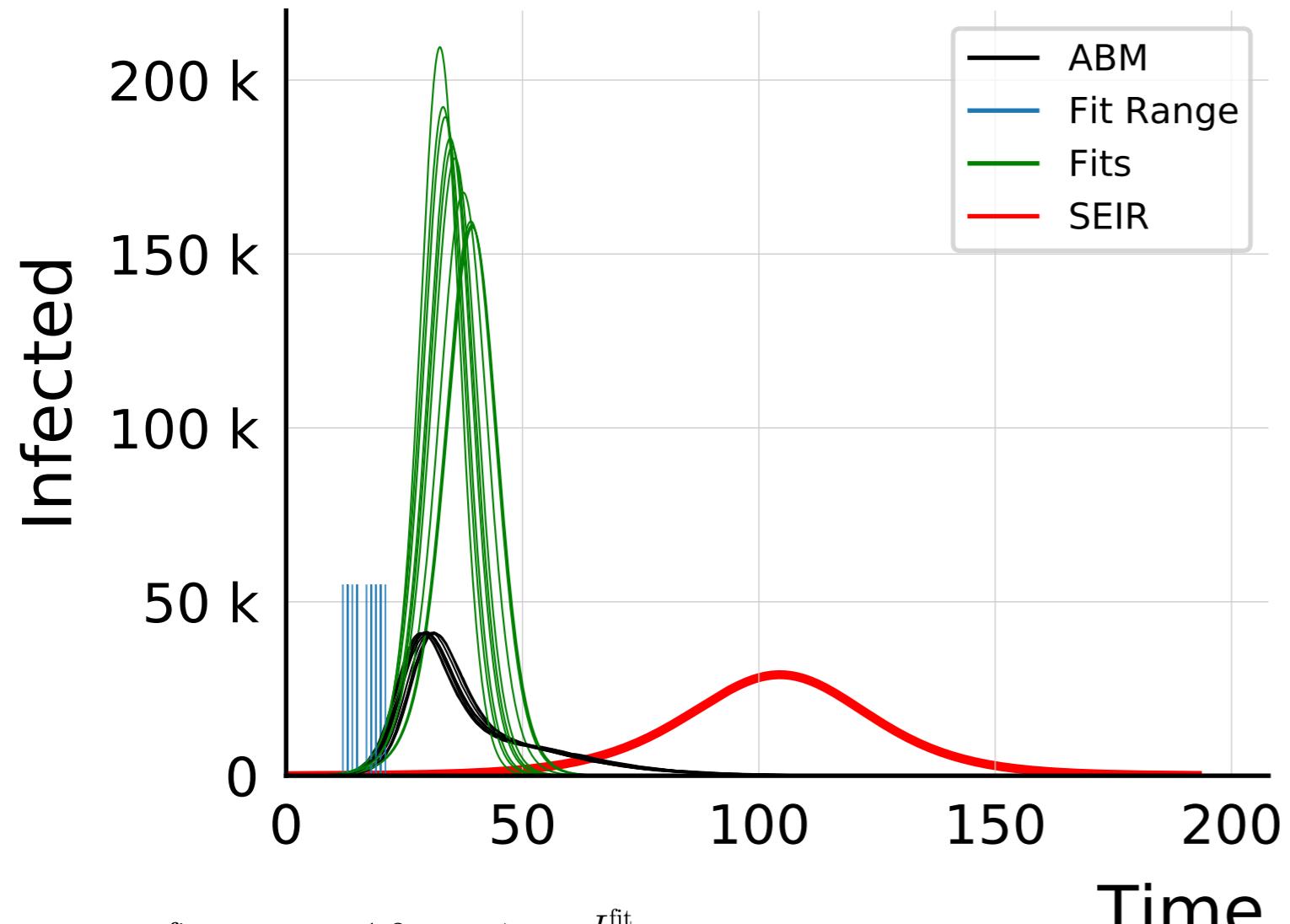
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.75$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



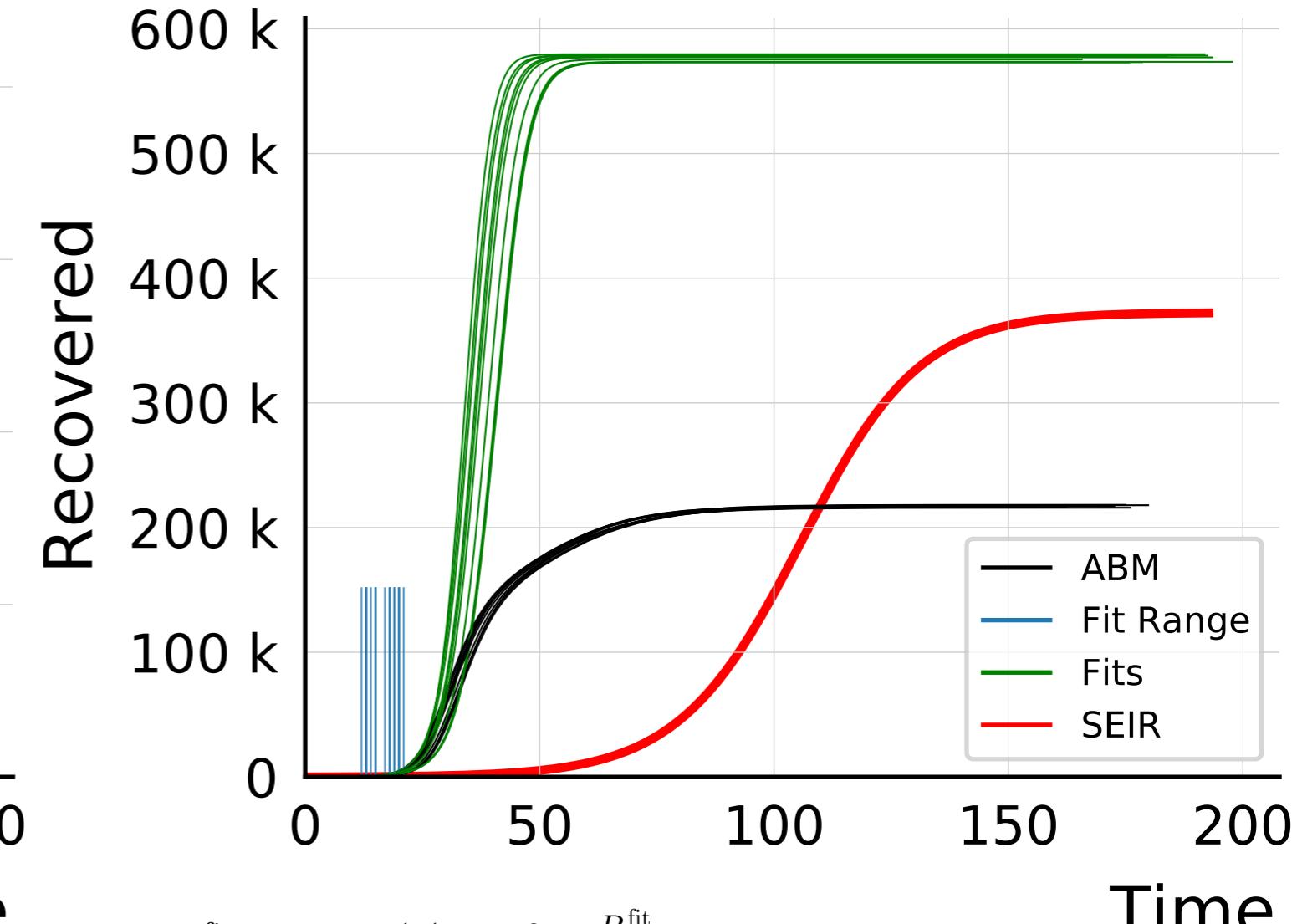
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.25$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

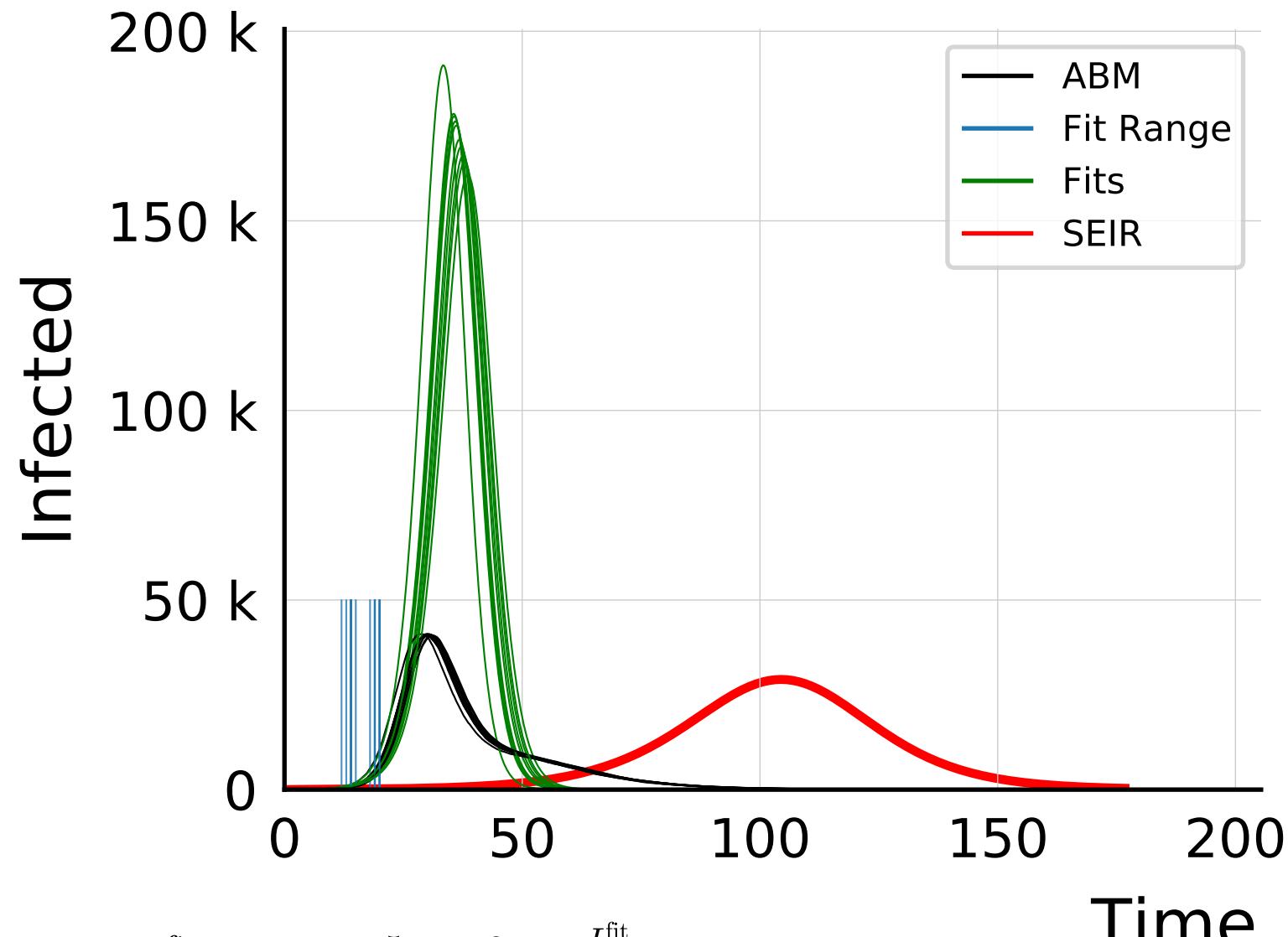


$$I_{\max}^{\text{fit}} = 18_{-2}^{+1.3} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 4.3 \pm 0.13$$

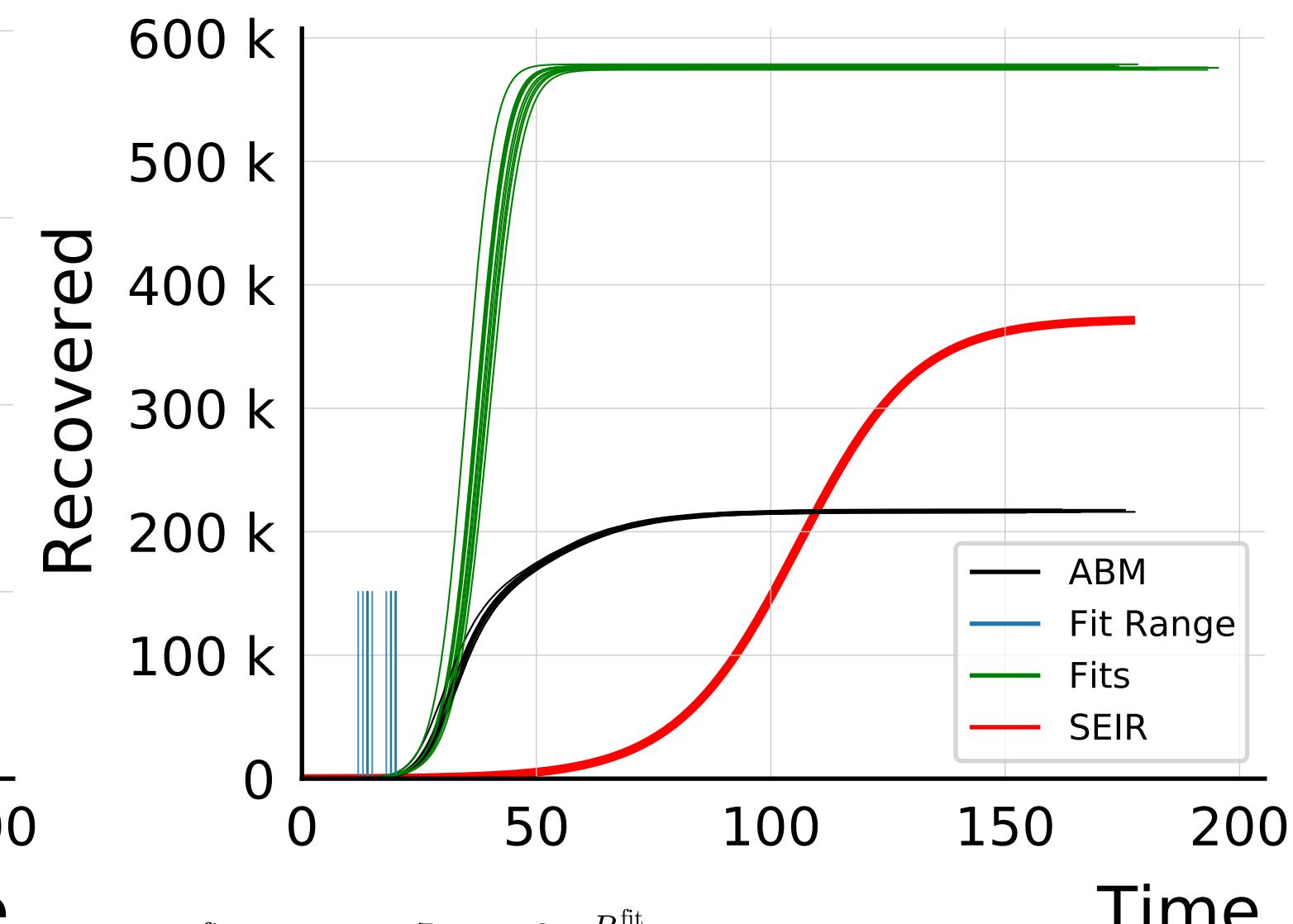


$$R_{\infty}^{\text{fit}} = 577_{-4}^{+1.4} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 2.654 \pm 0.0037$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.5$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

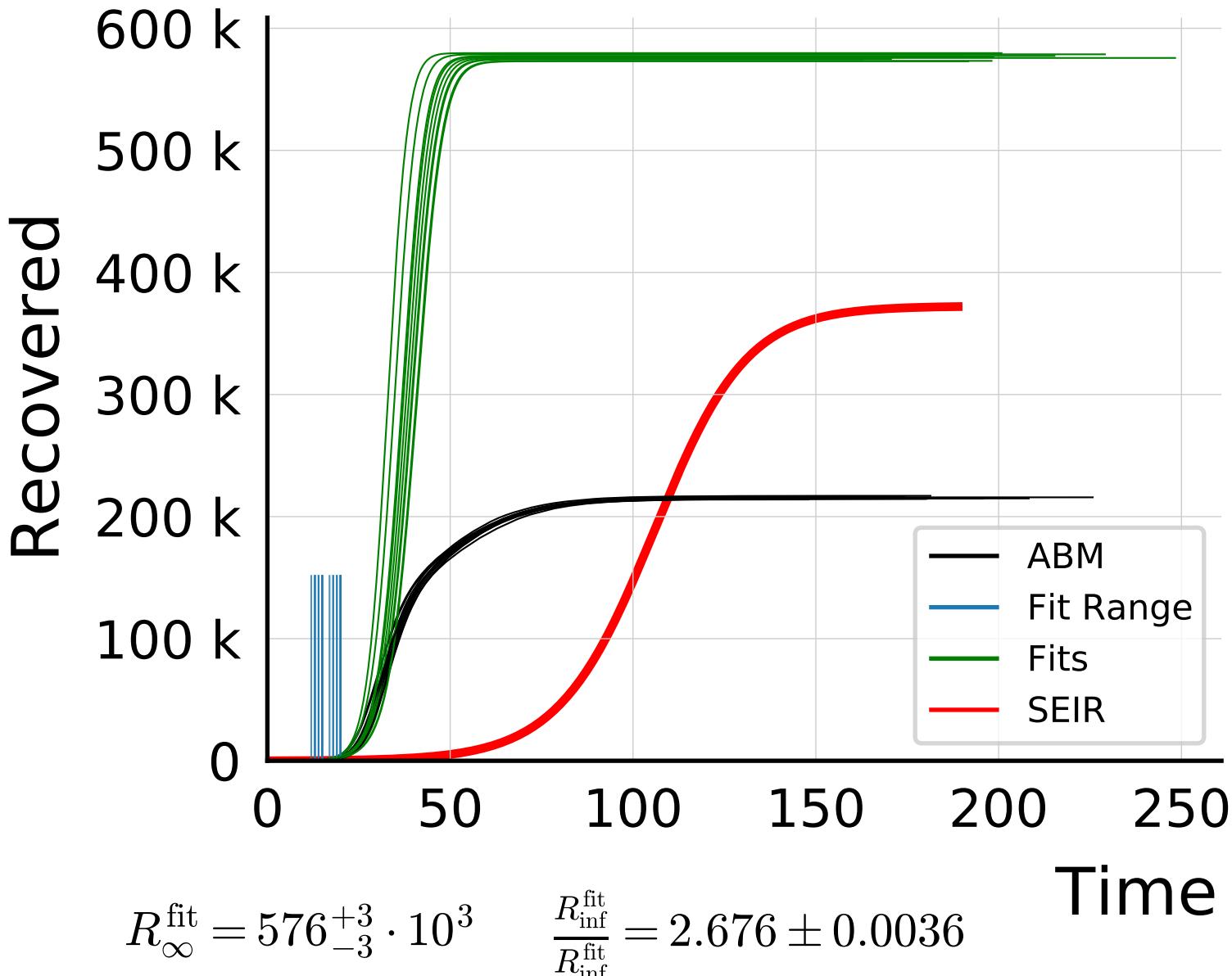
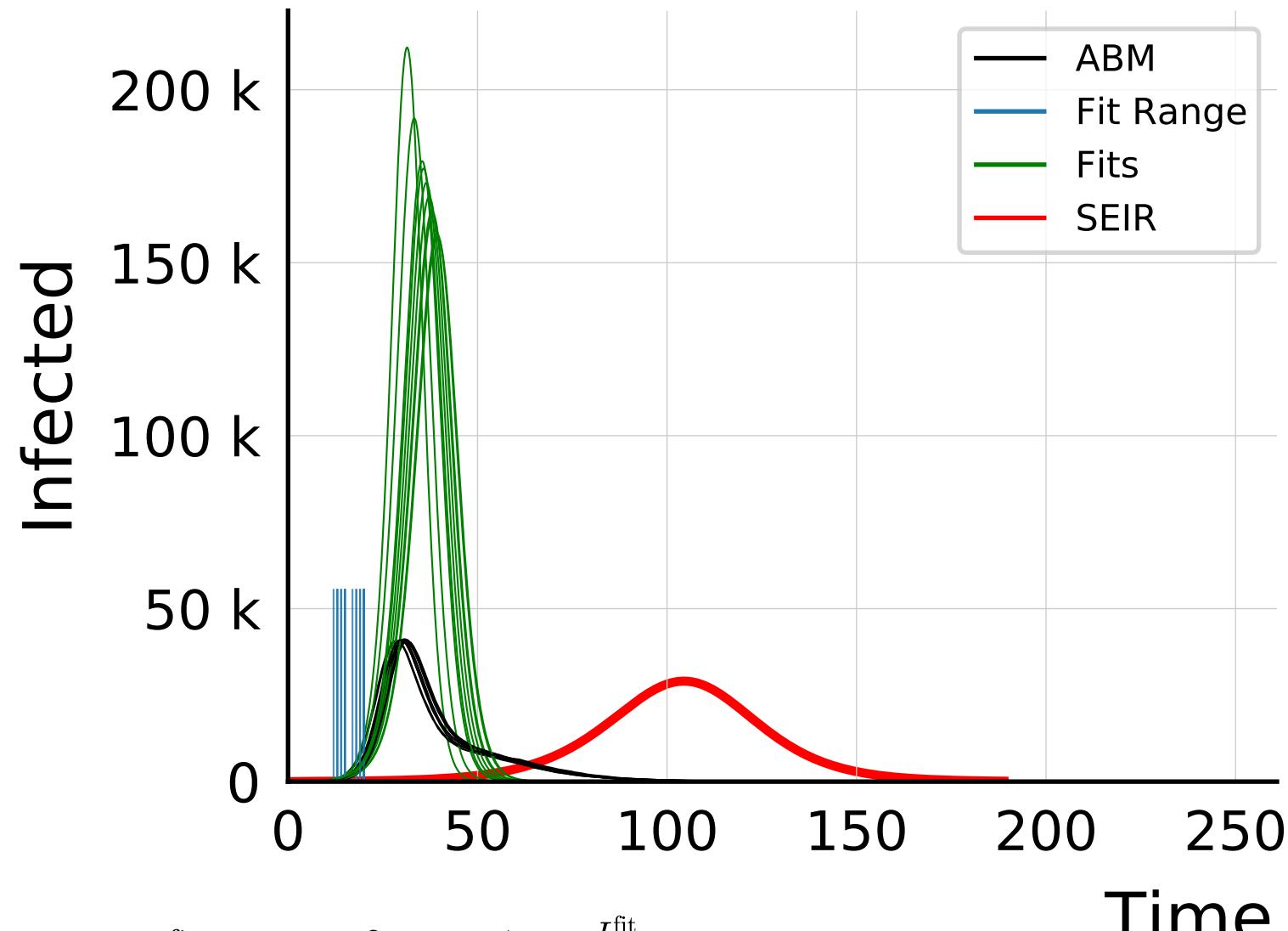


$$I_{\max}^{\text{fit}} = 174^{+5}_{-8} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 4.24 \pm 0.058$$

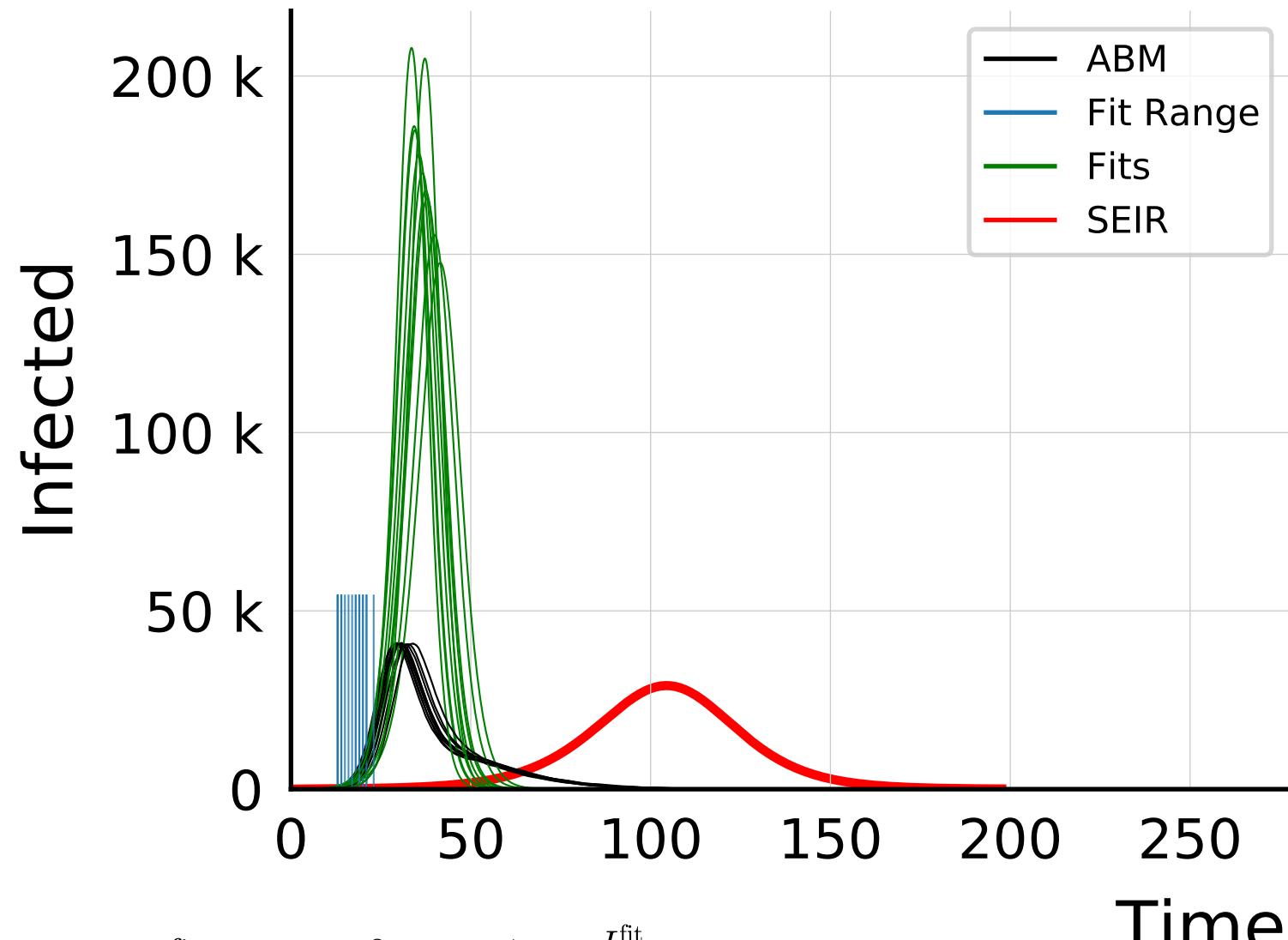


$$R_{\infty}^{\text{fit}} = 5765^{+7}_{-15} \cdot 10^2 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 2.661 \pm 0.0026$$

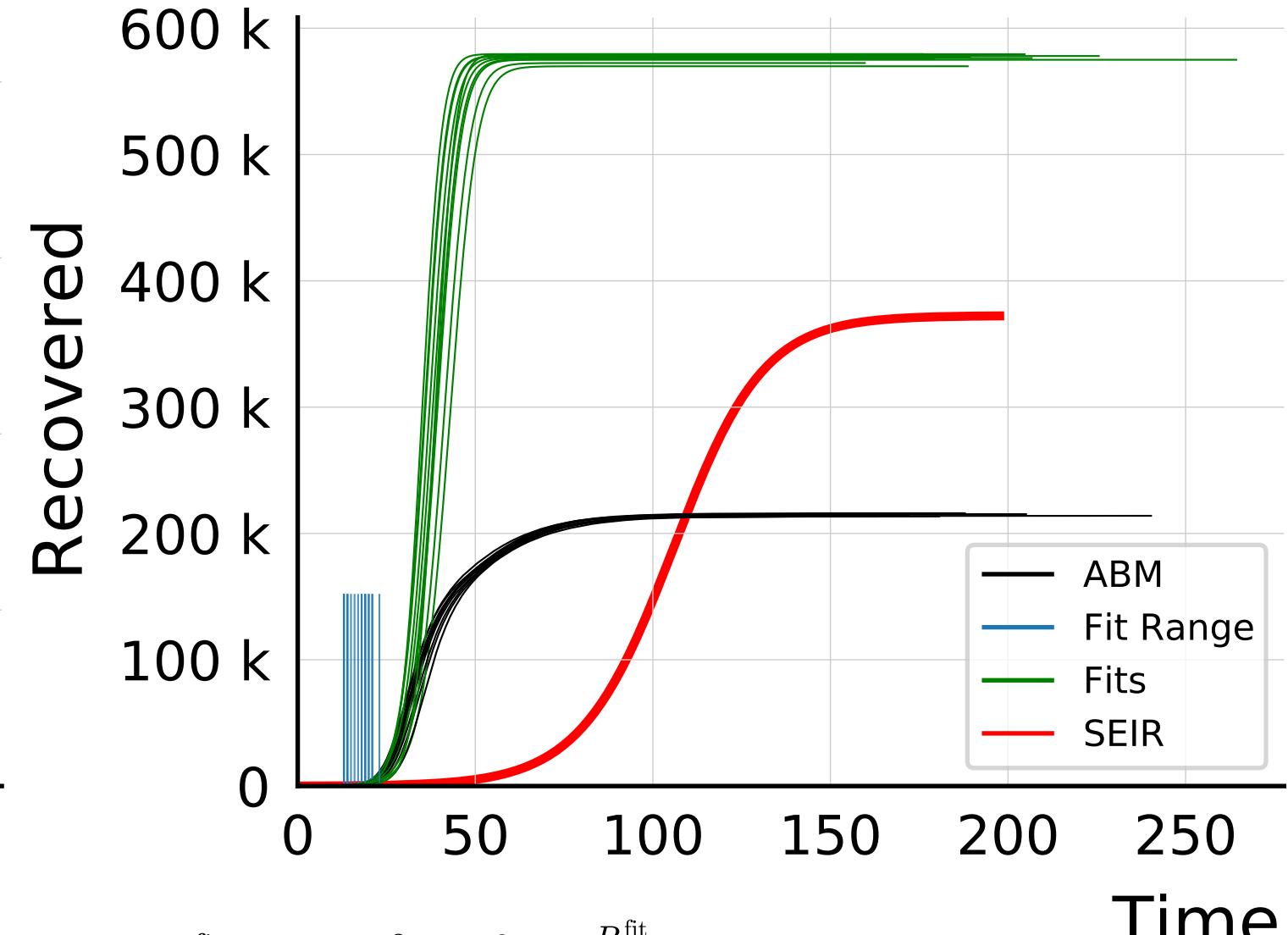
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 0.75$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 1.0$, $\beta = 0.01$, $\sigma_\beta = 1.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

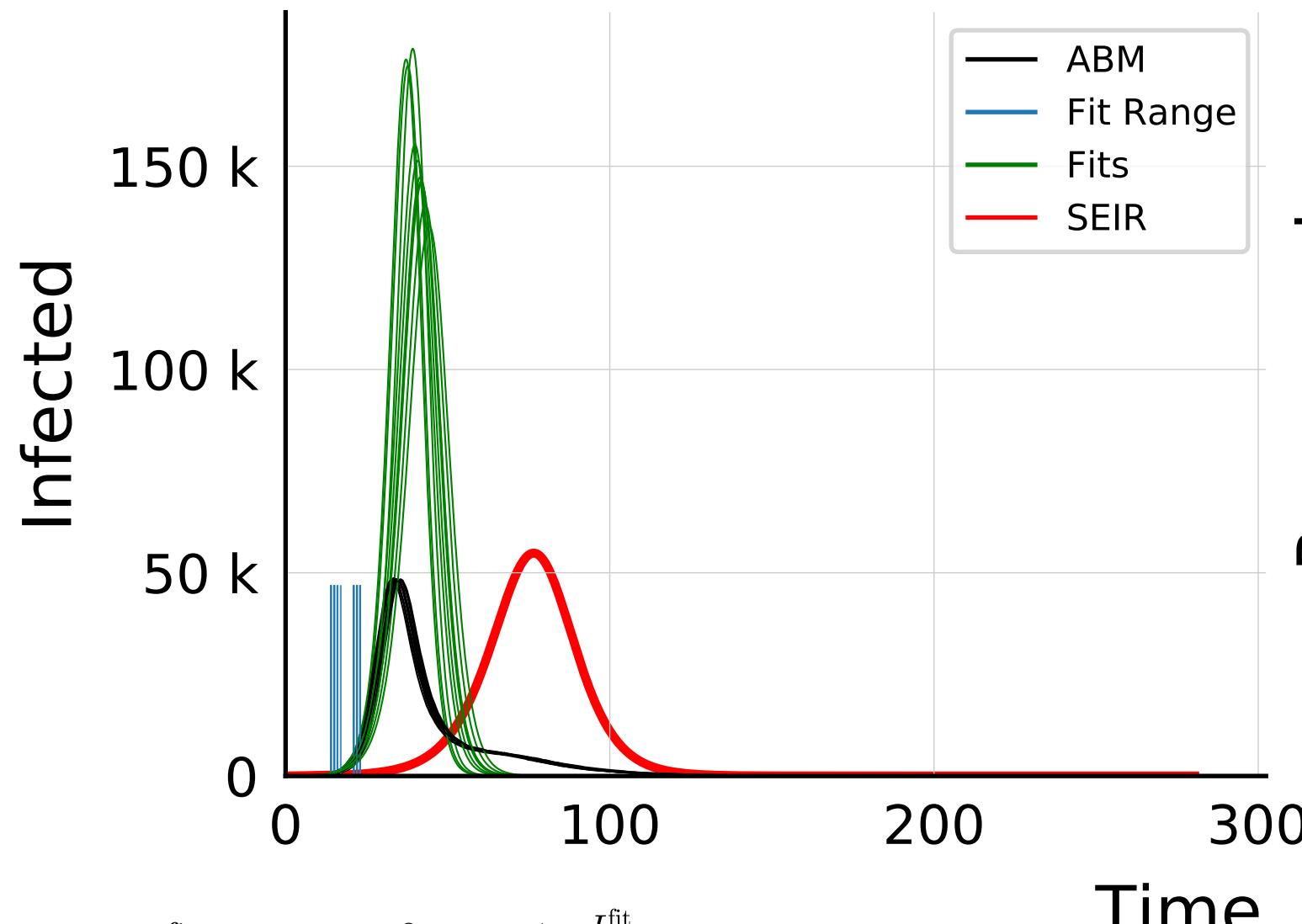


$$I_{\max}^{\text{fit}} = 18_{-2.0}^{+3} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 4.3 \pm 0.14$$

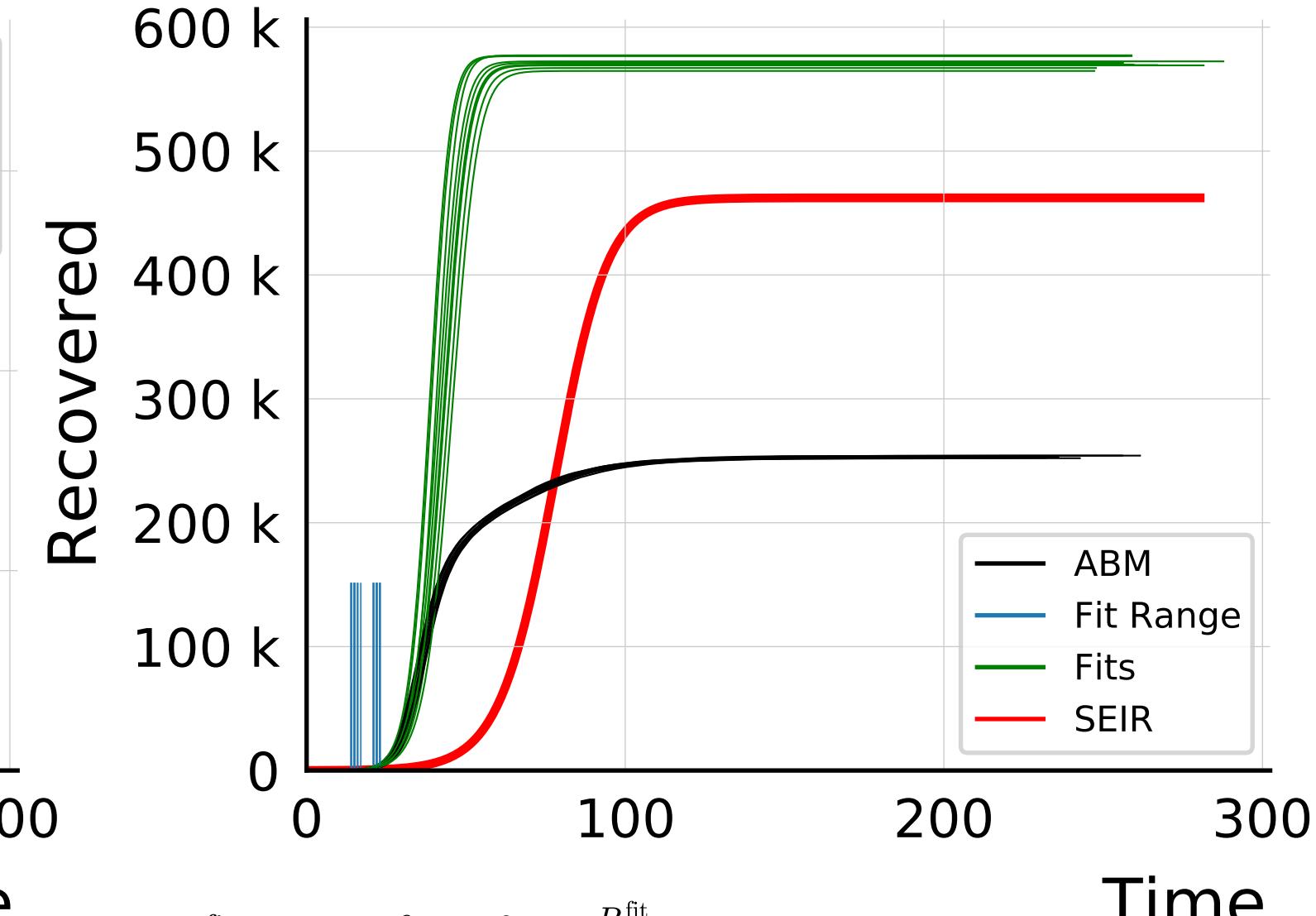


$$R_{\infty}^{\text{fit}} = 577_{-4}^{+3} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.687 \pm 0.0047$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 50.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

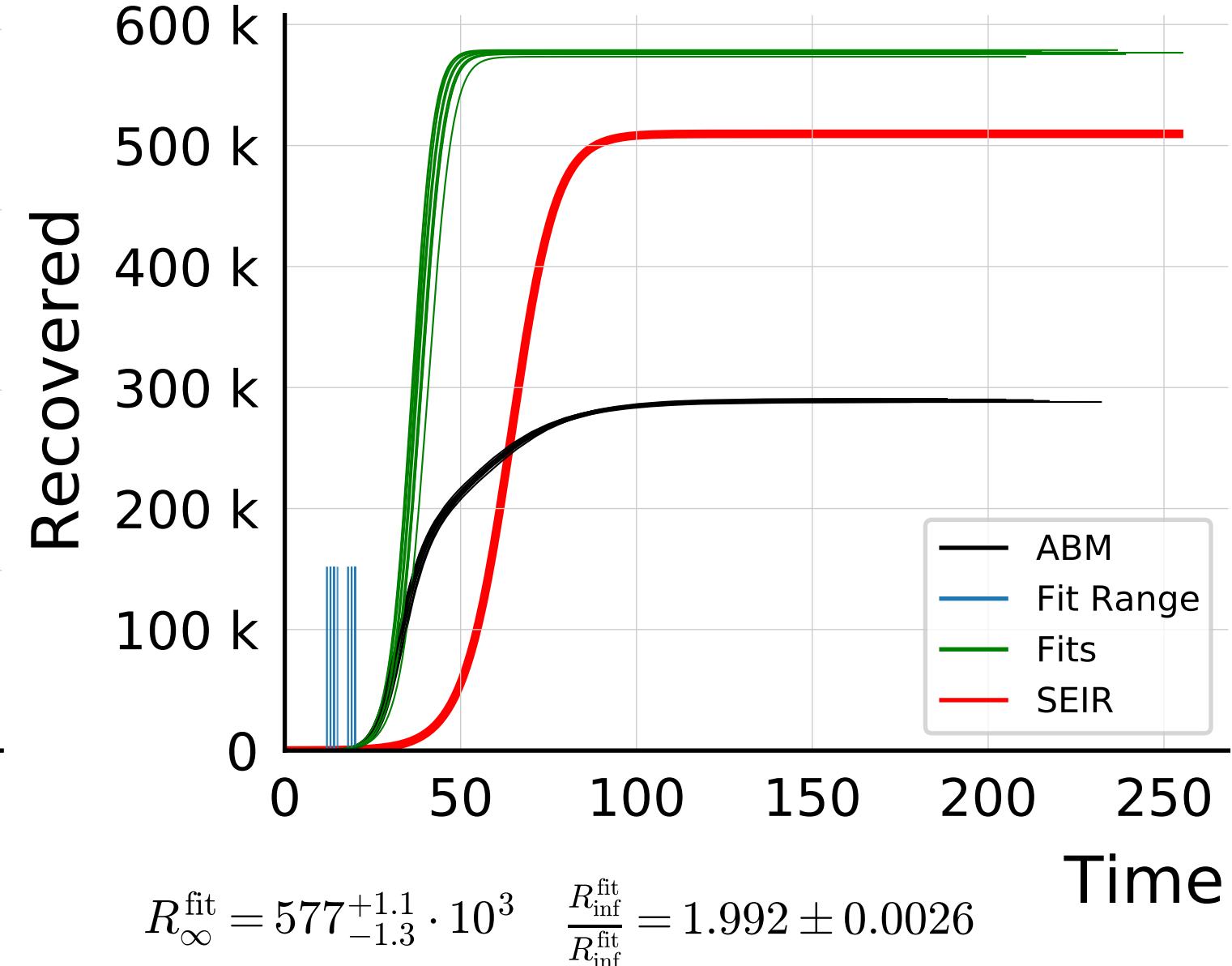
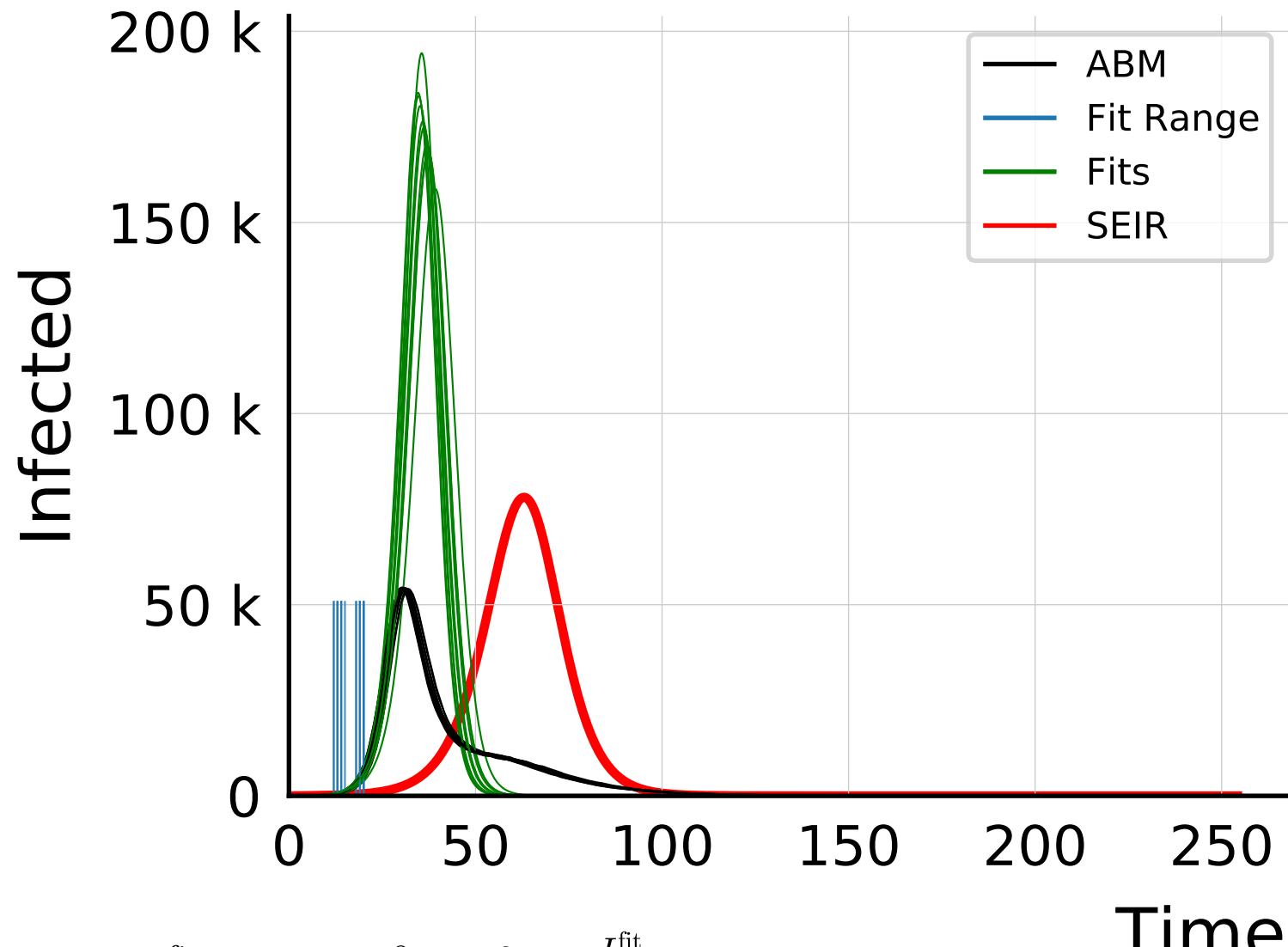


$$I_{\max}^{\text{fit}} = 14.9_{-0.9}^{+3} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.21 \pm 0.098$$

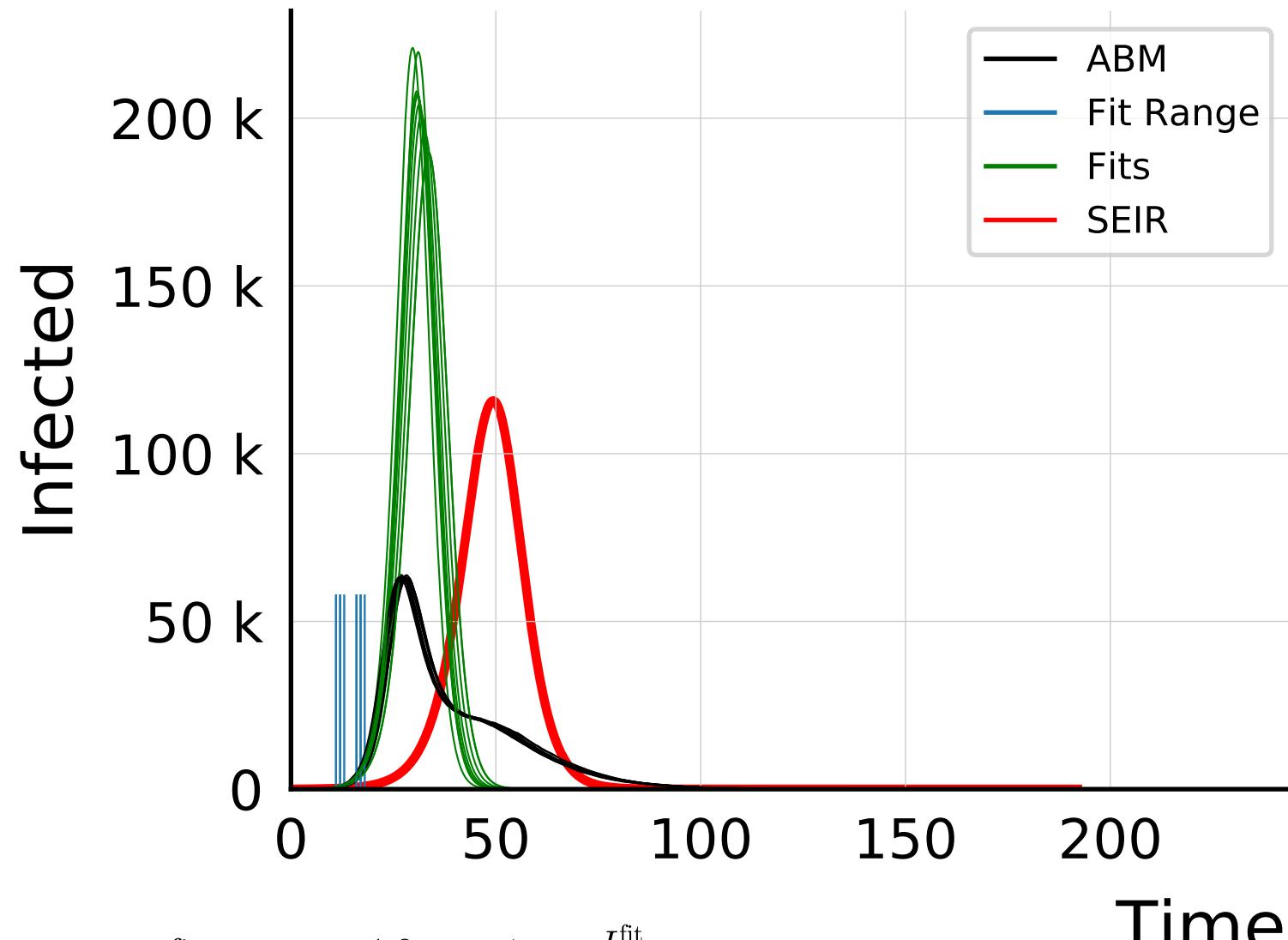


$$R_{\infty}^{\text{fit}} = 571_{-3}^{+6} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 2.259 \pm 0.0056$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 60.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

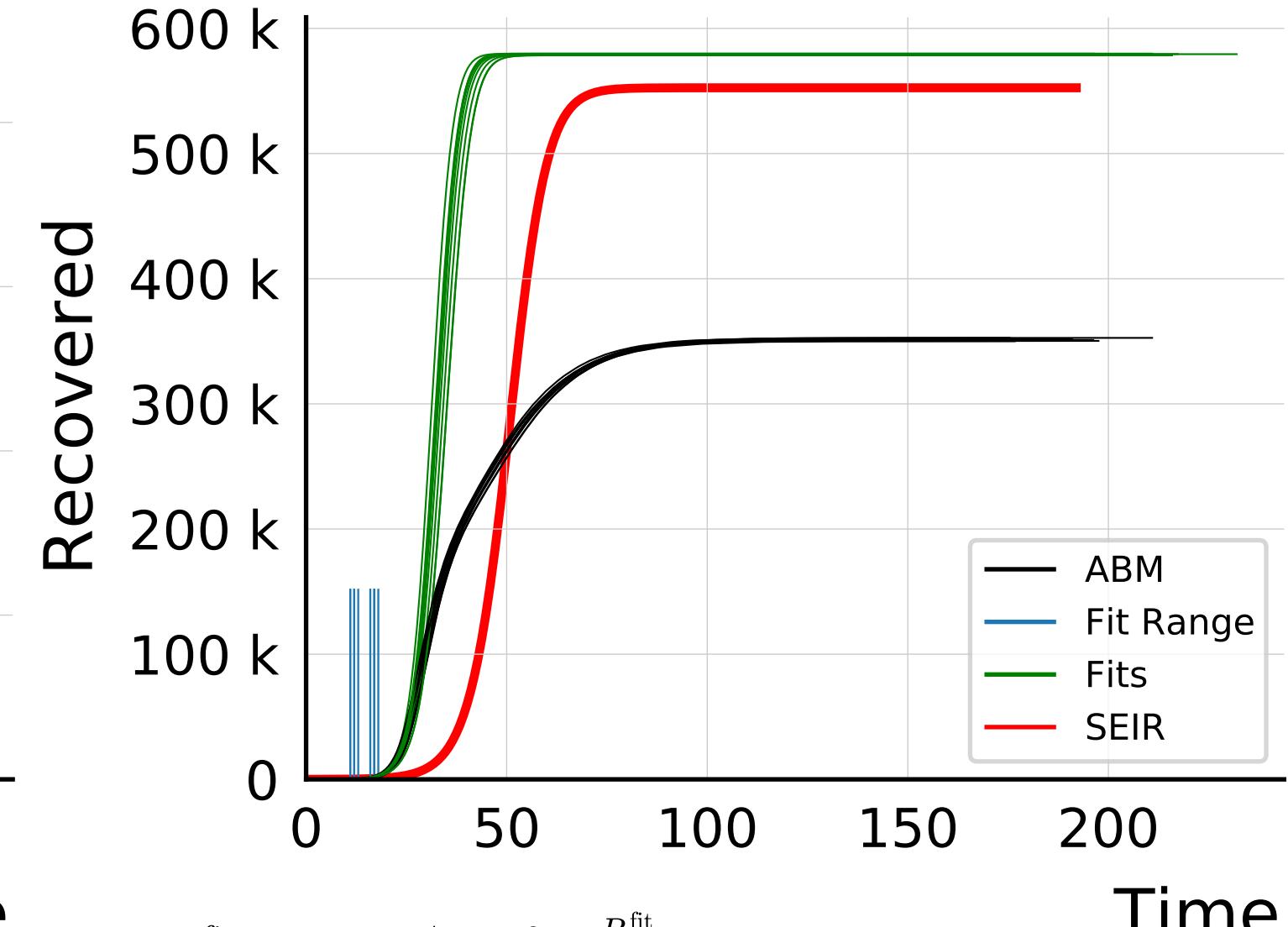


$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.04$, $\mu = 80.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 20^{+1.3}_{-1.5} \cdot 10^4$$

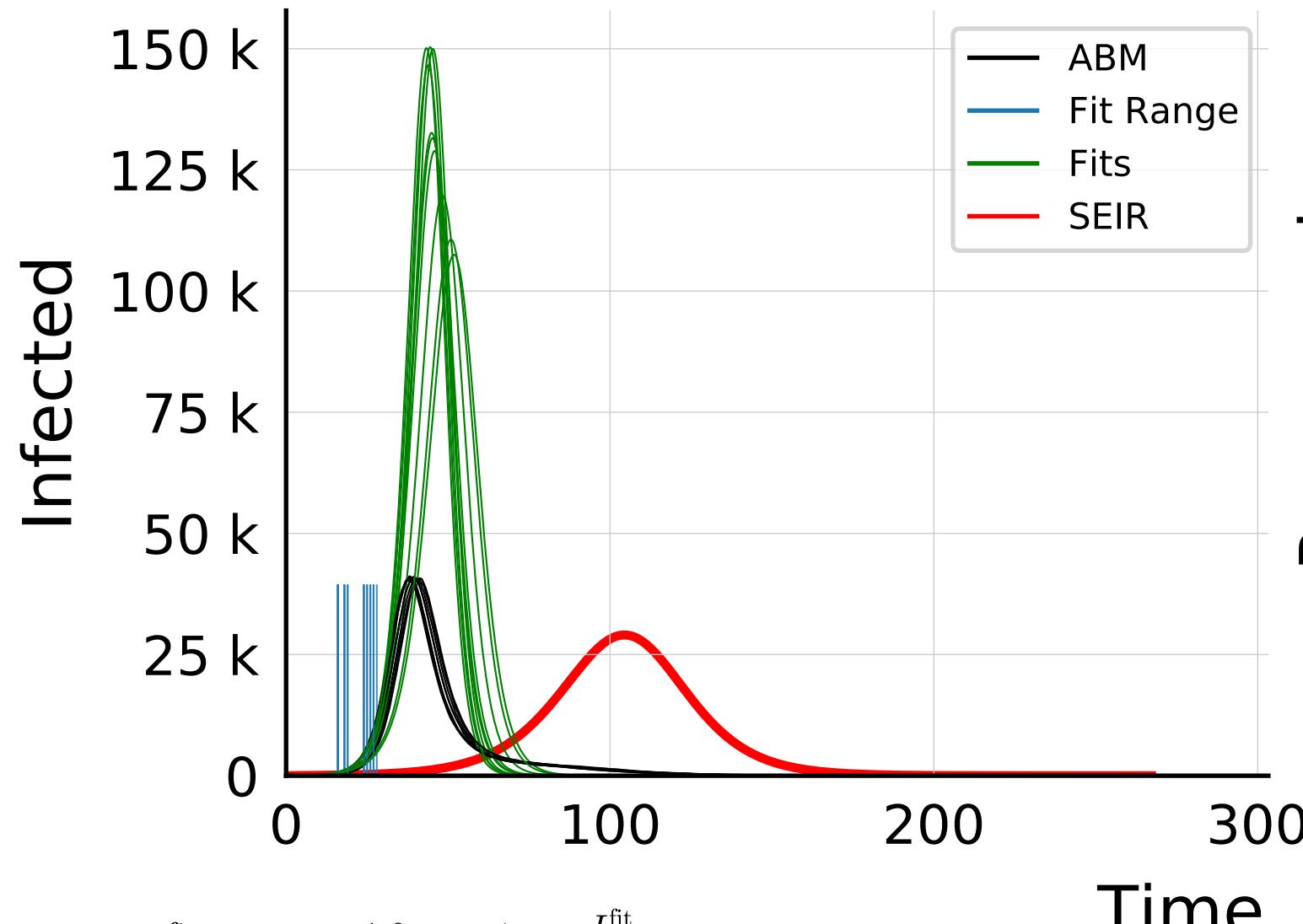
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.22 \pm 0.047$$



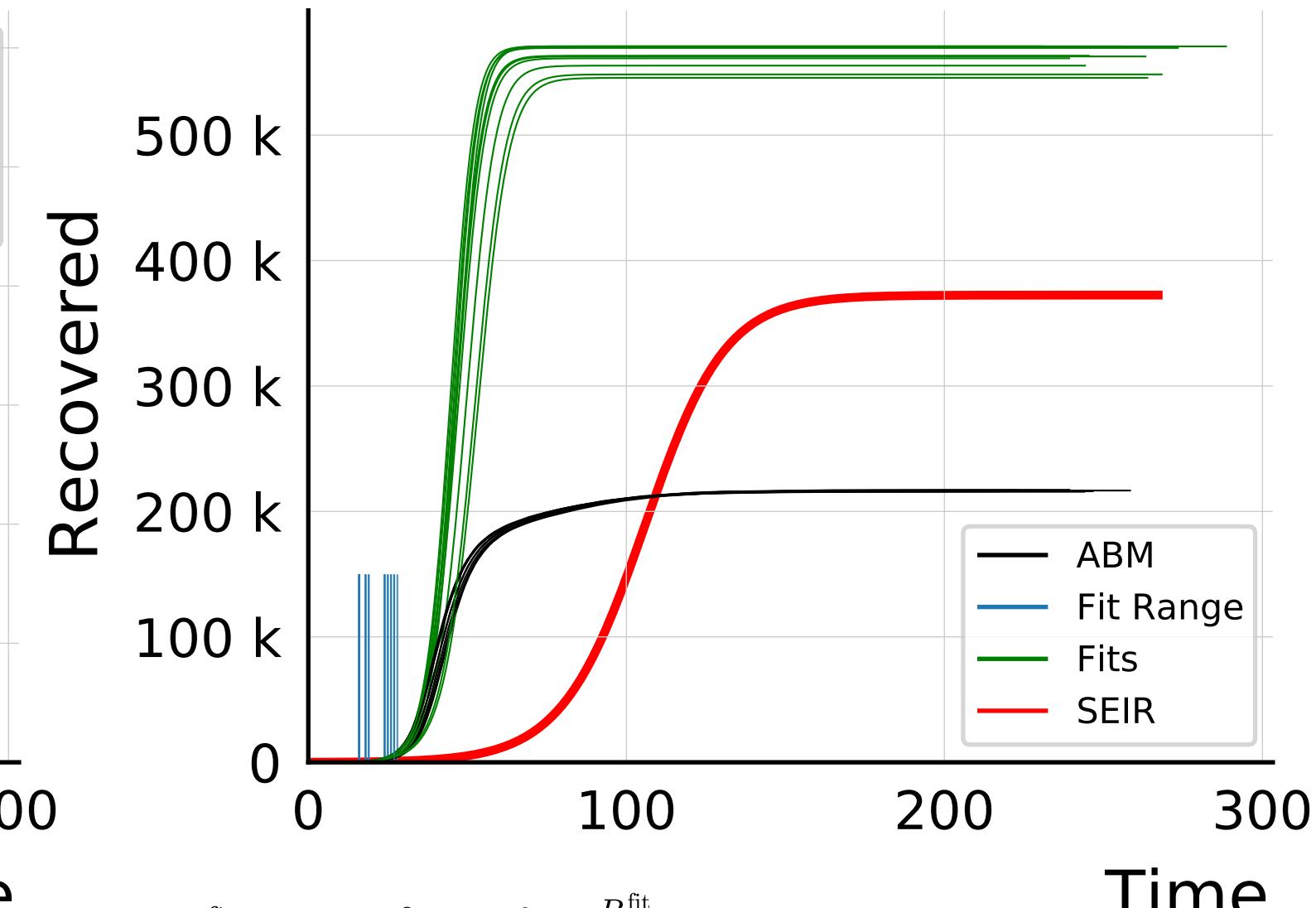
$$R_{\infty}^{\text{fit}} = 5794^{+4}_{-9} \cdot 10^2$$

$$\frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.649 \pm 0.0013$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.05$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

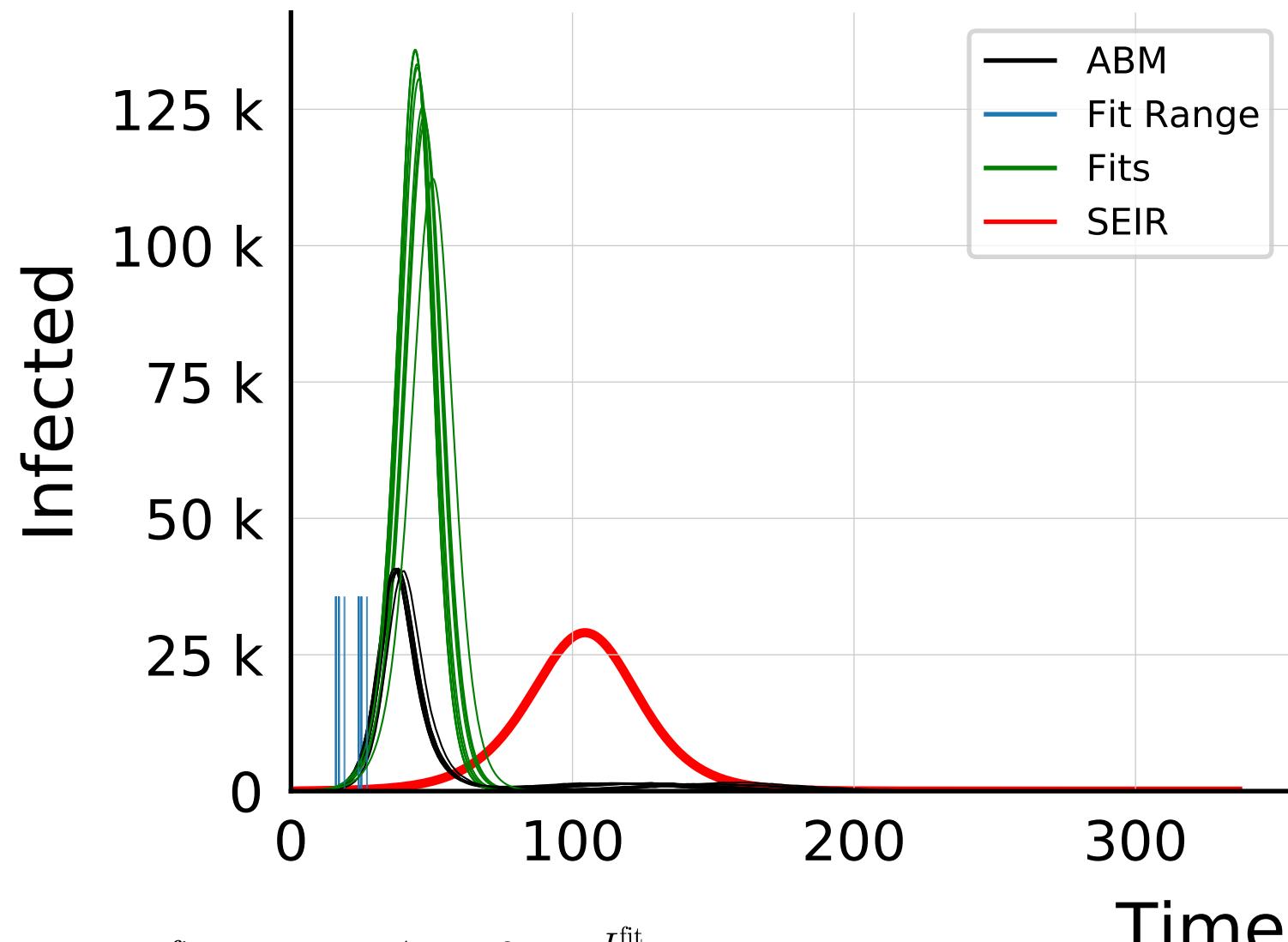


$$I_{\max}^{\text{fit}} = 13_{-2}^{+1.8} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.3 \pm 0.12$$

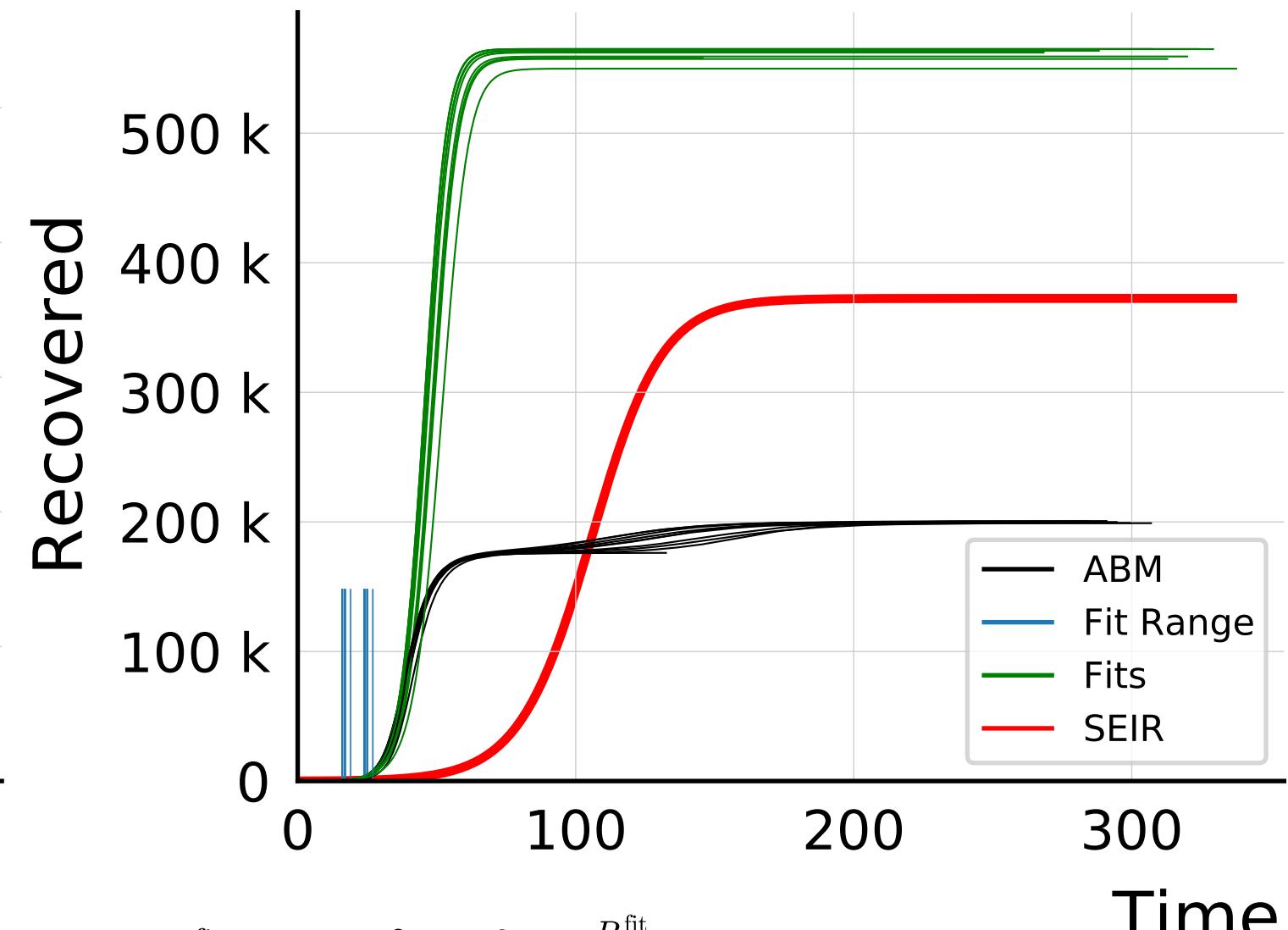


$$R_{\infty}^{\text{fit}} = 563_{-15}^{+8} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.6 \pm 0.013$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

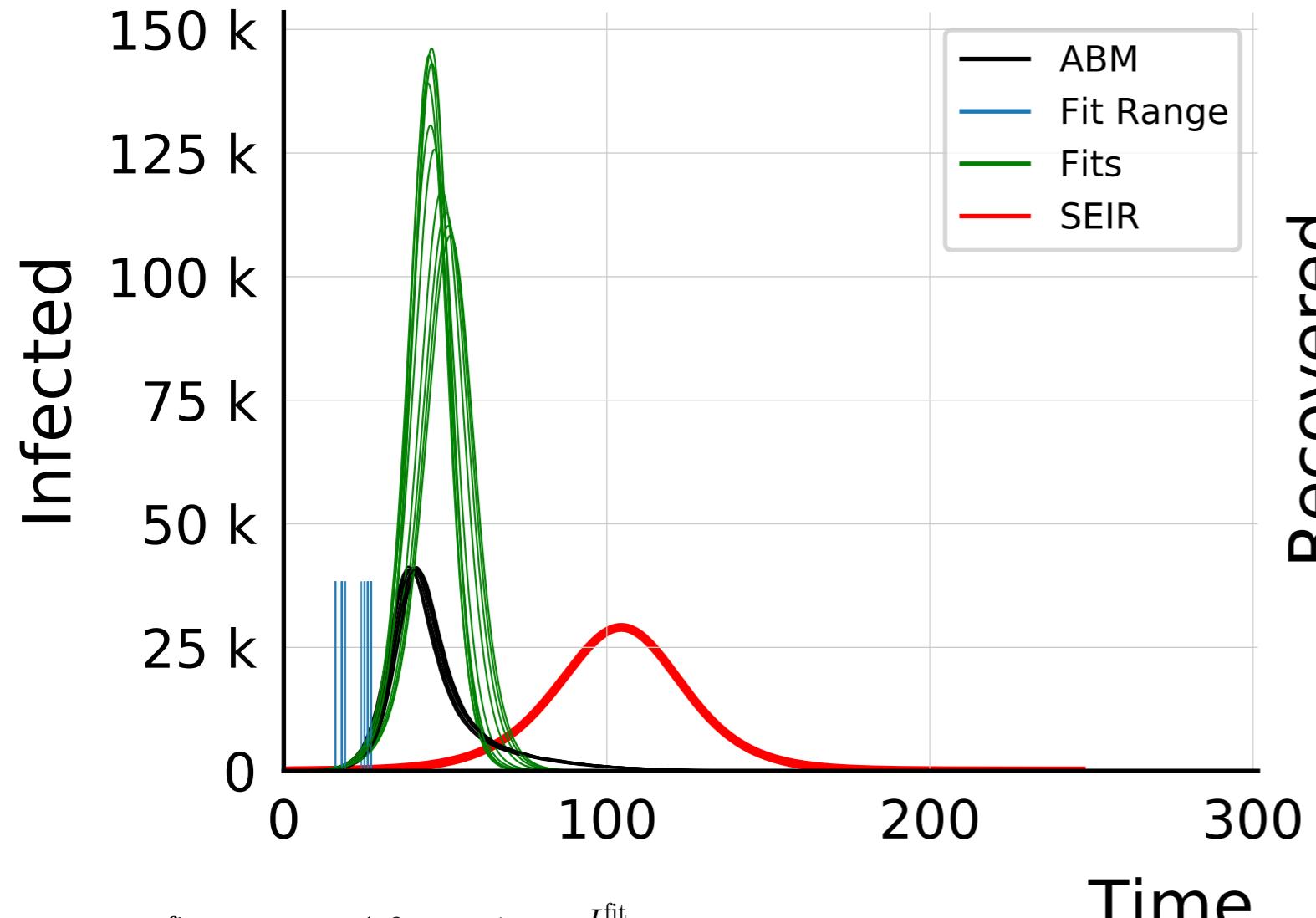


$$I_{\max}^{\text{fit}} = 132_{-9}^{+4} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.17 \pm 0.056$$

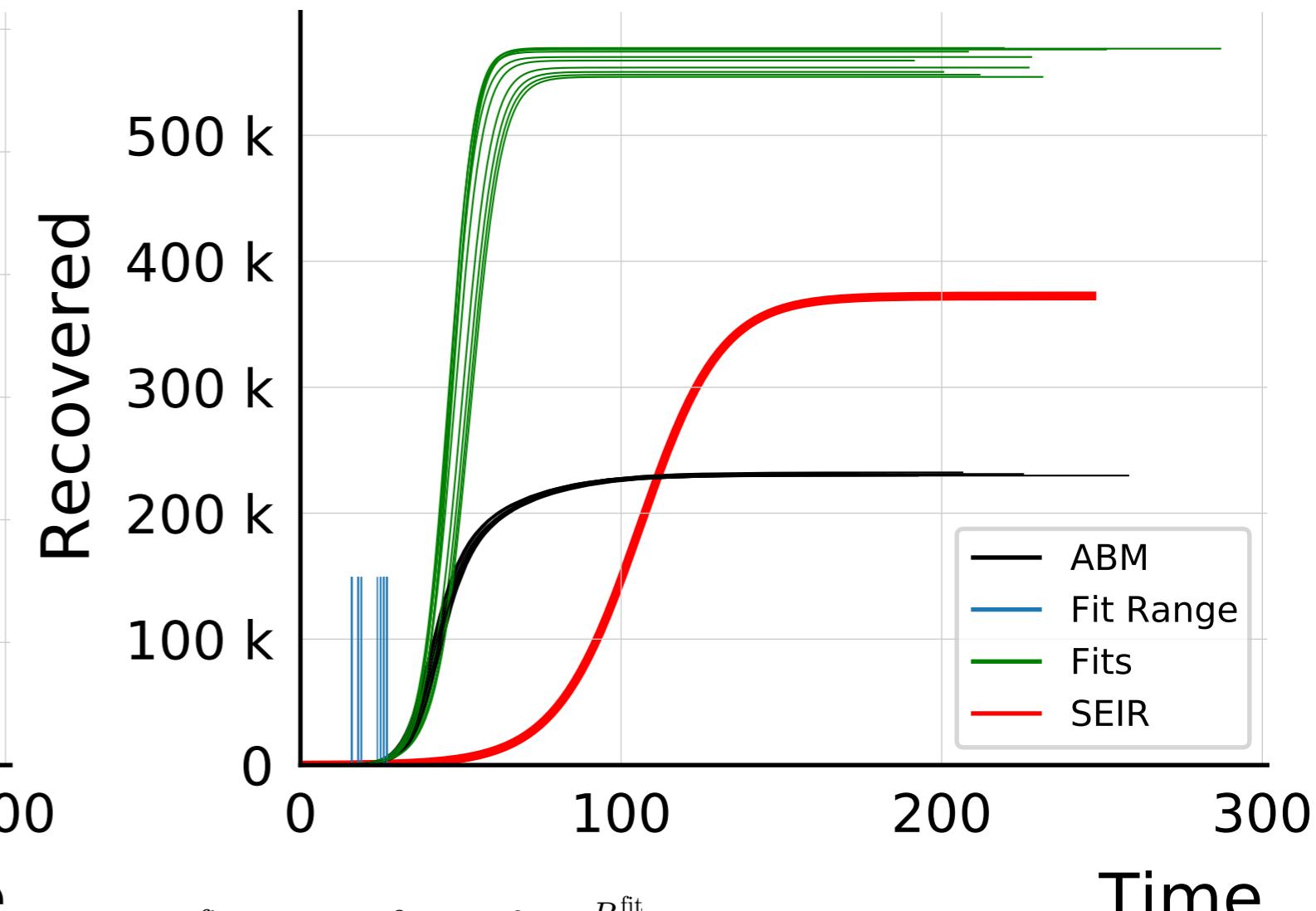


$$R_{\infty}^{\text{fit}} = 563_{-5}^{+2} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.85 \pm 0.035$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.1$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

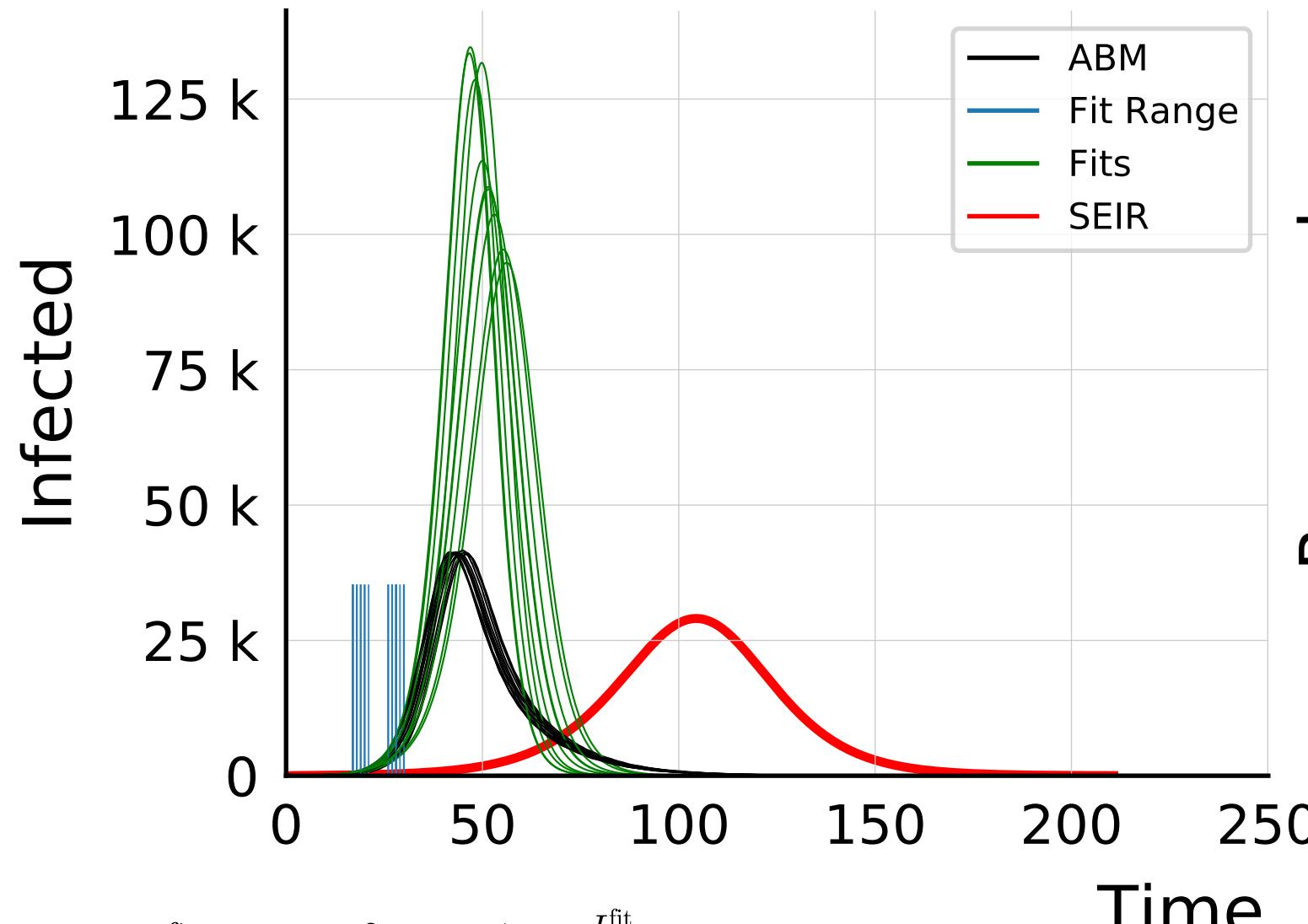


$$I_{\max}^{\text{fit}} = 13_{-1.8}^{+1.6} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 3.1 \pm 0.11$$

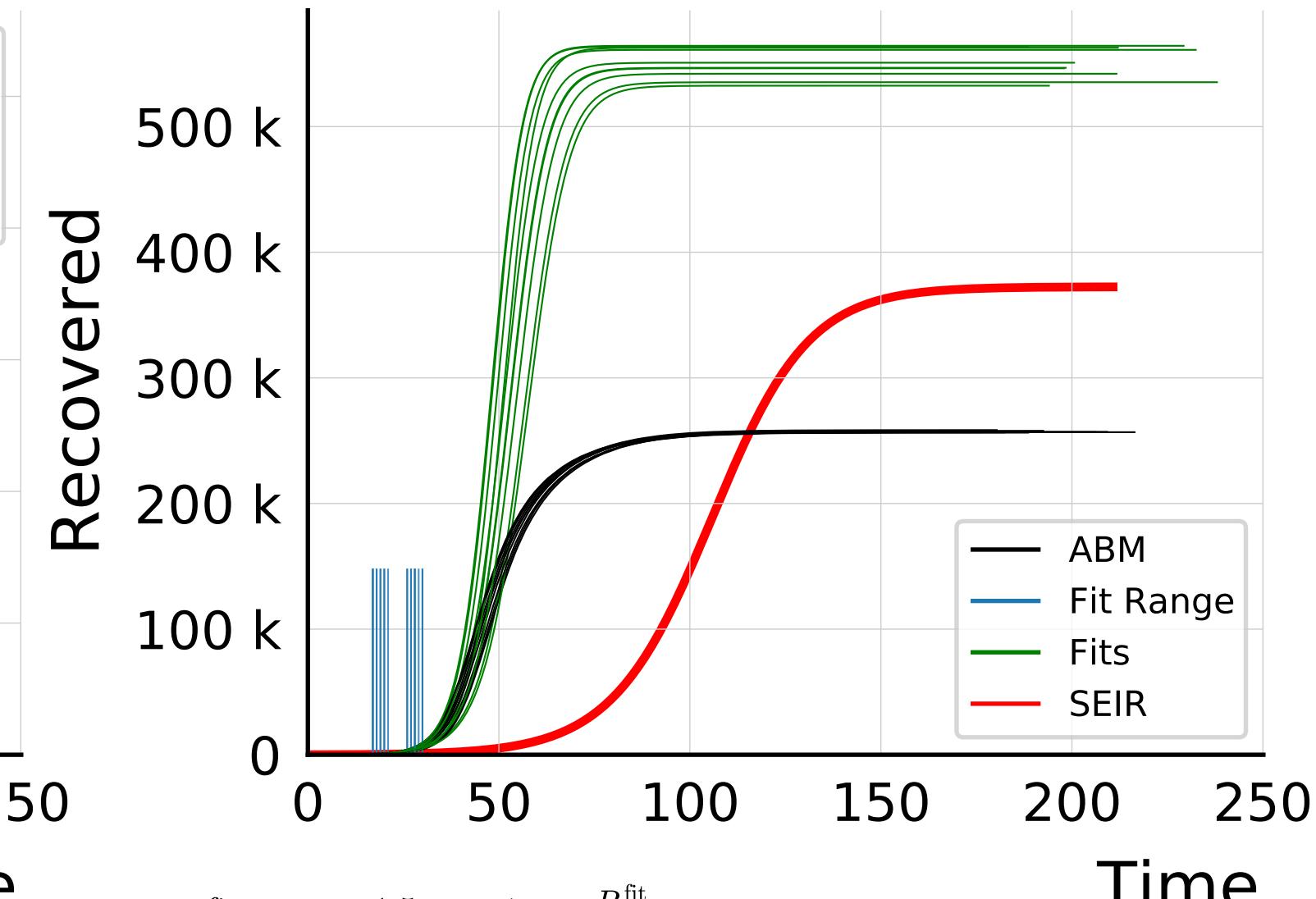


$$R_{\infty}^{\text{fit}} = 561_{-13}^{+8} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.42 \pm 0.012$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.2$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

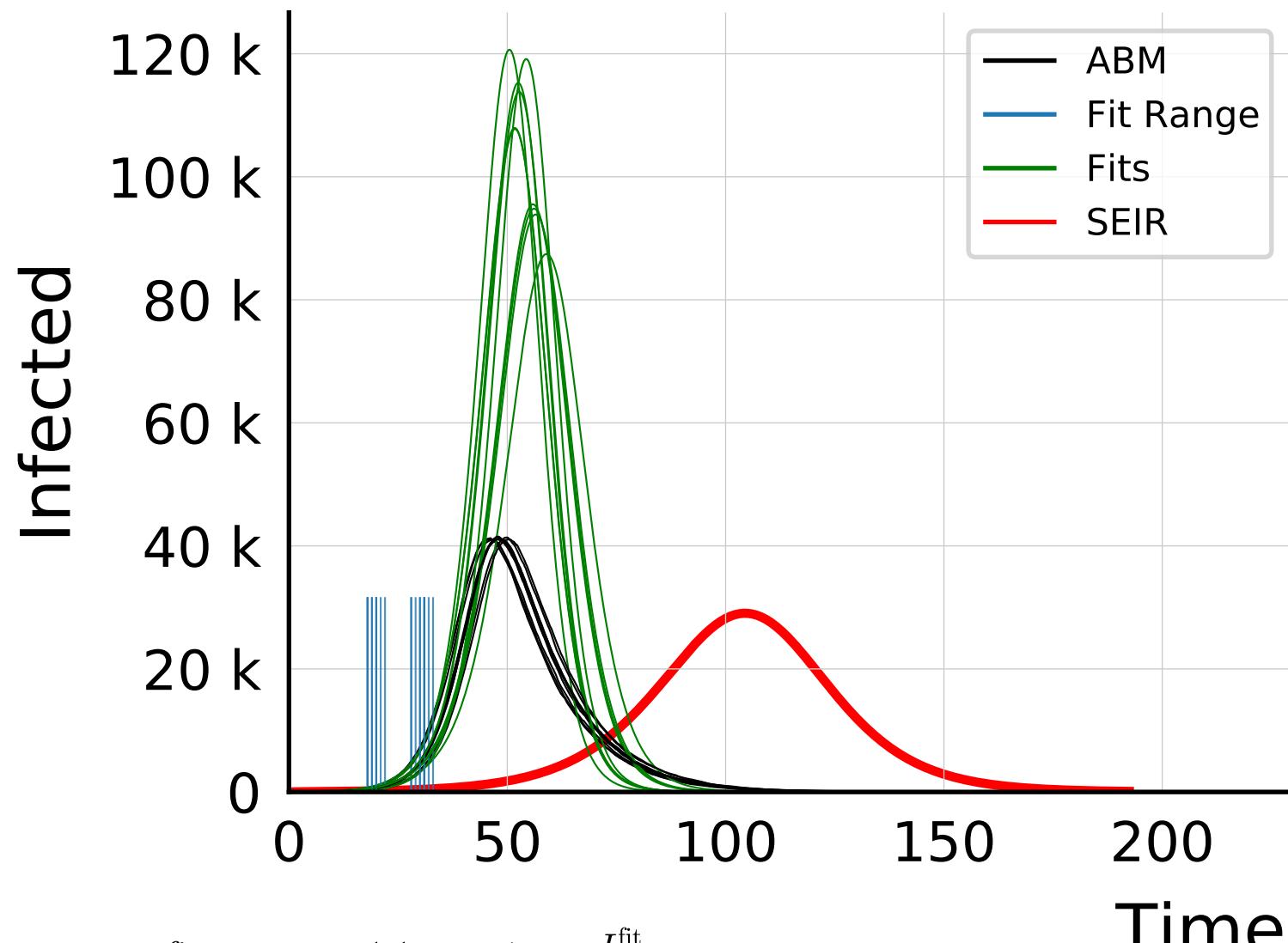


$$I_{\max}^{\text{fit}} = 11_{-1.3}^{+2} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 2.8 \pm 0.11$$

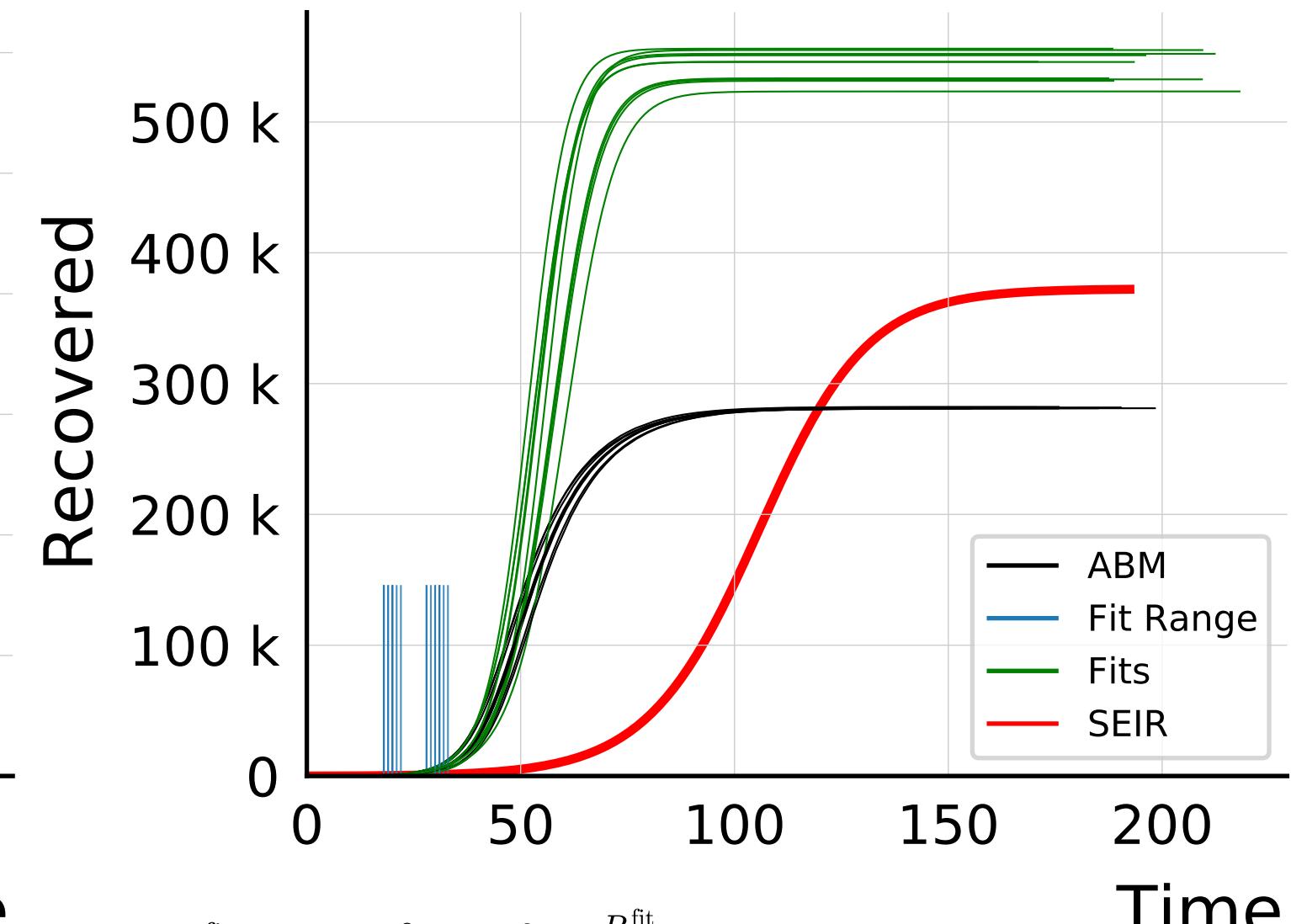


$$R_{\infty}^{\text{fit}} = 55_{-1.3}^{+1.5} \cdot 10^4 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 2.14 \pm 0.014$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.3$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

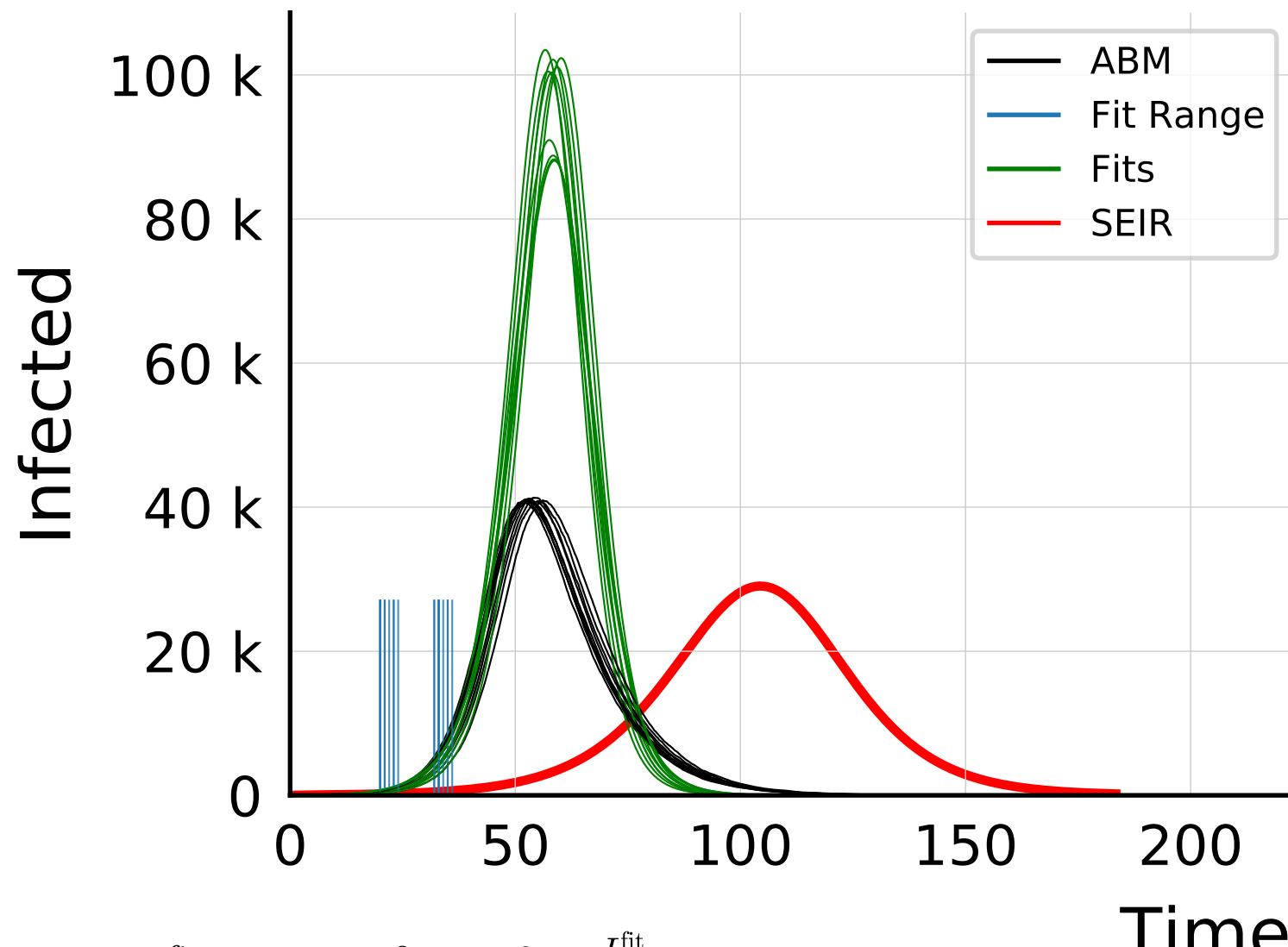


$$I_{\max}^{\text{fit}} = 11^{+1.1}_{-1.4} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 2.56 \pm 0.088$$

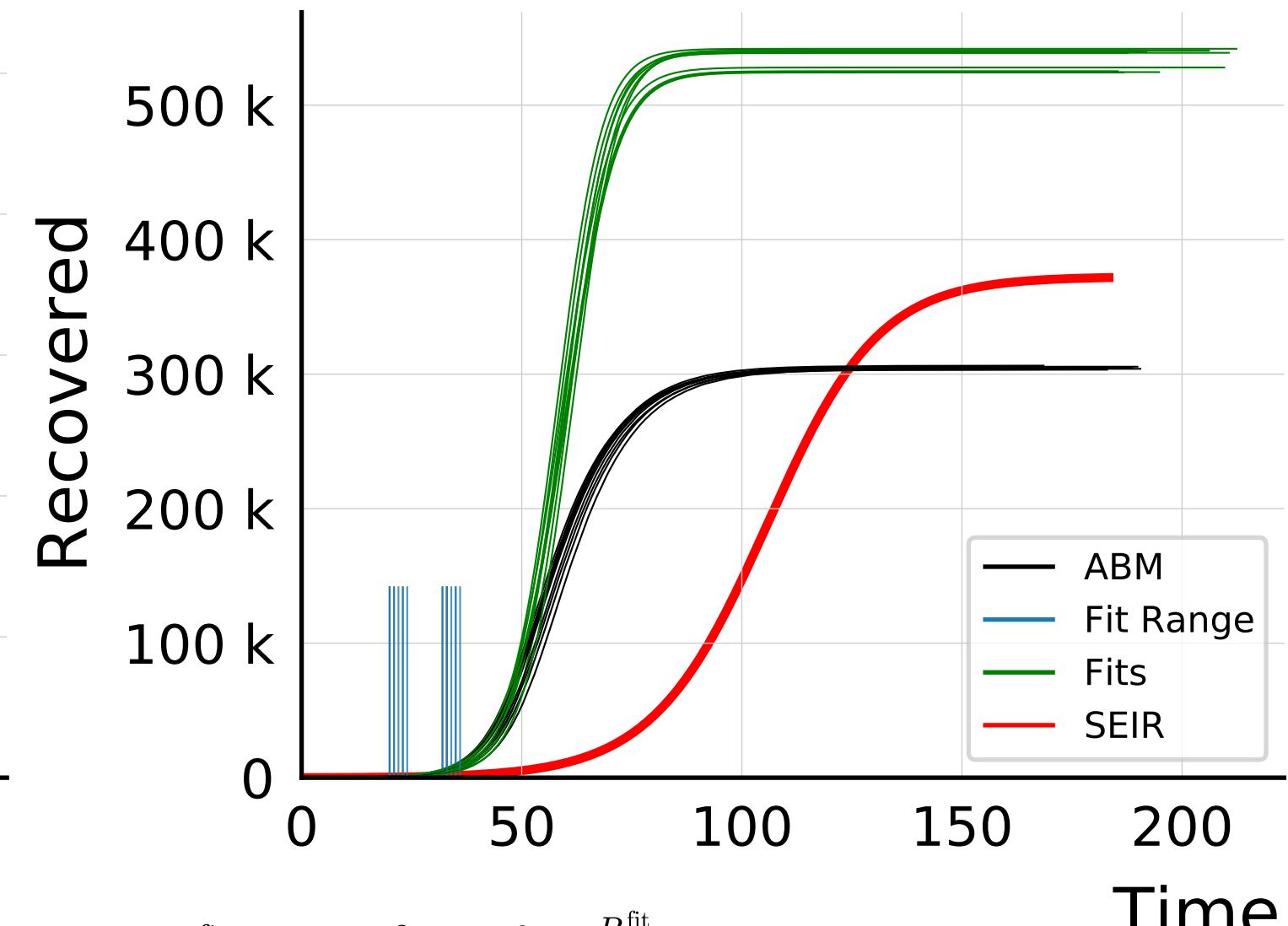


$$R_{\infty}^{\text{fit}} = 546^{+9}_{-14} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.93 \pm 0.012$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.4$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

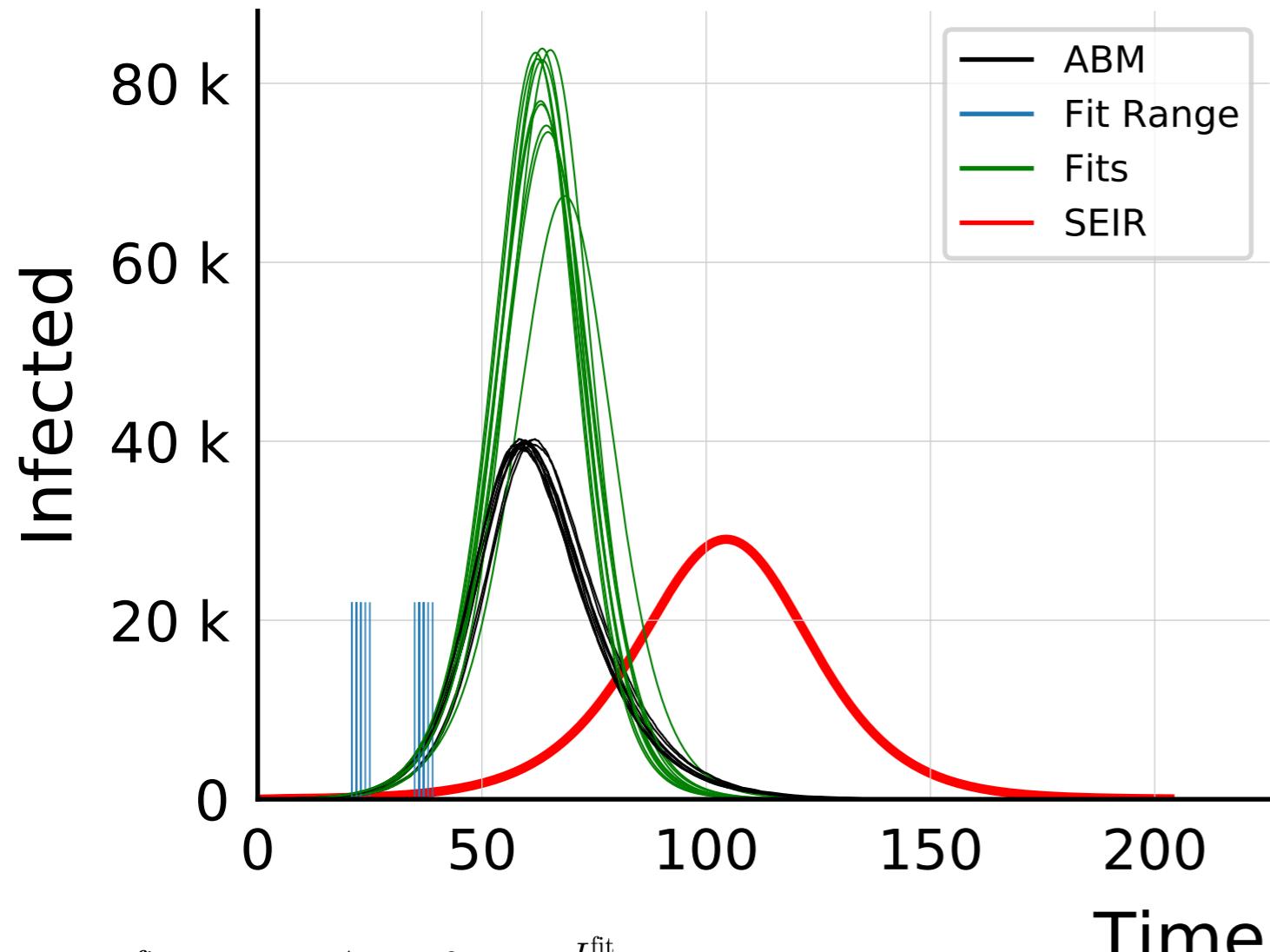


$$I_{\max}^{\text{fit}} = 100_{-12}^{+3} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 2.36 \pm 0.048$$



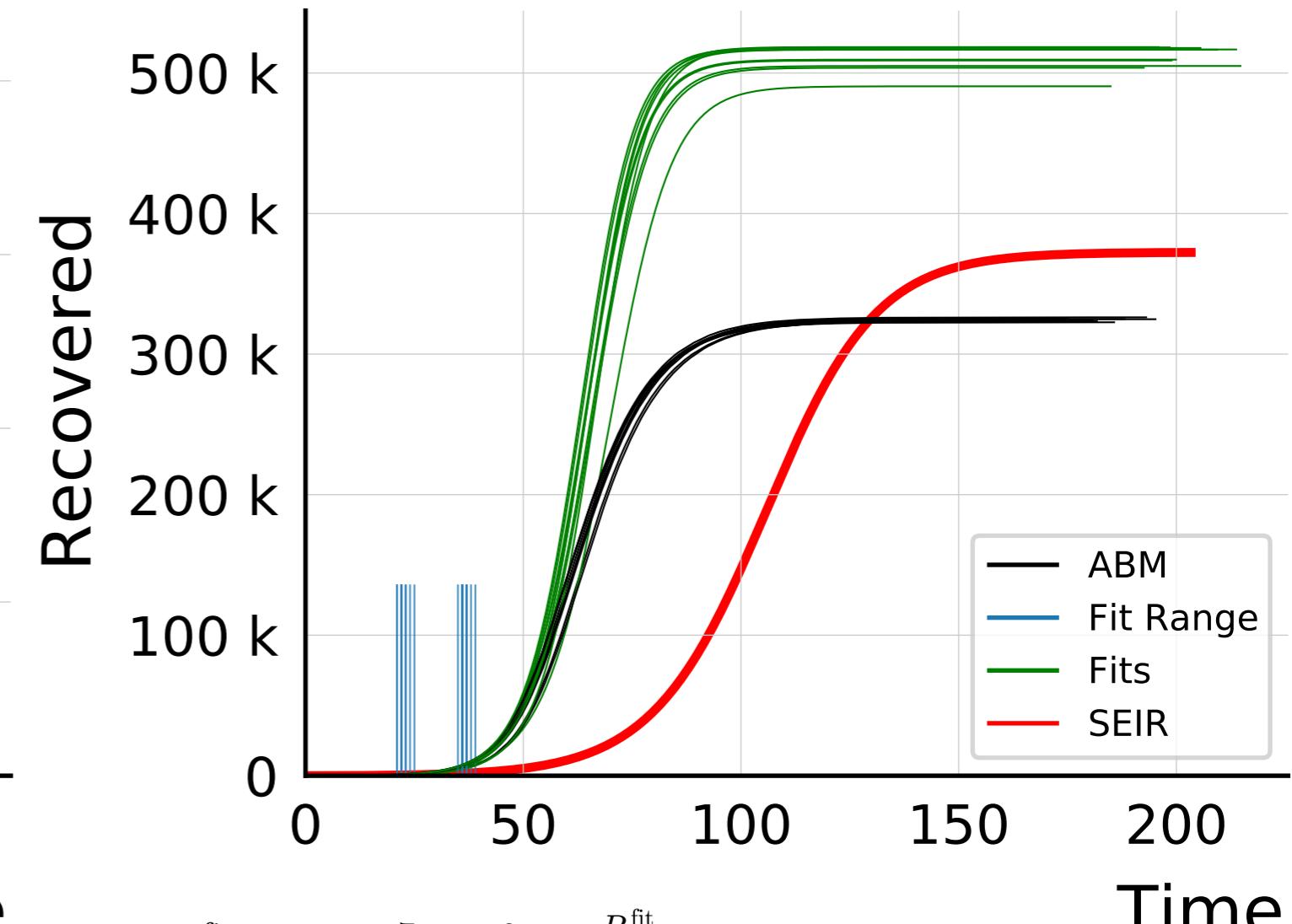
$$R_{\infty}^{\text{fit}} = 538_{-14}^{+3} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.754 \pm 0.0082$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.5$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 79^{+4}_{-5} \cdot 10^3$$

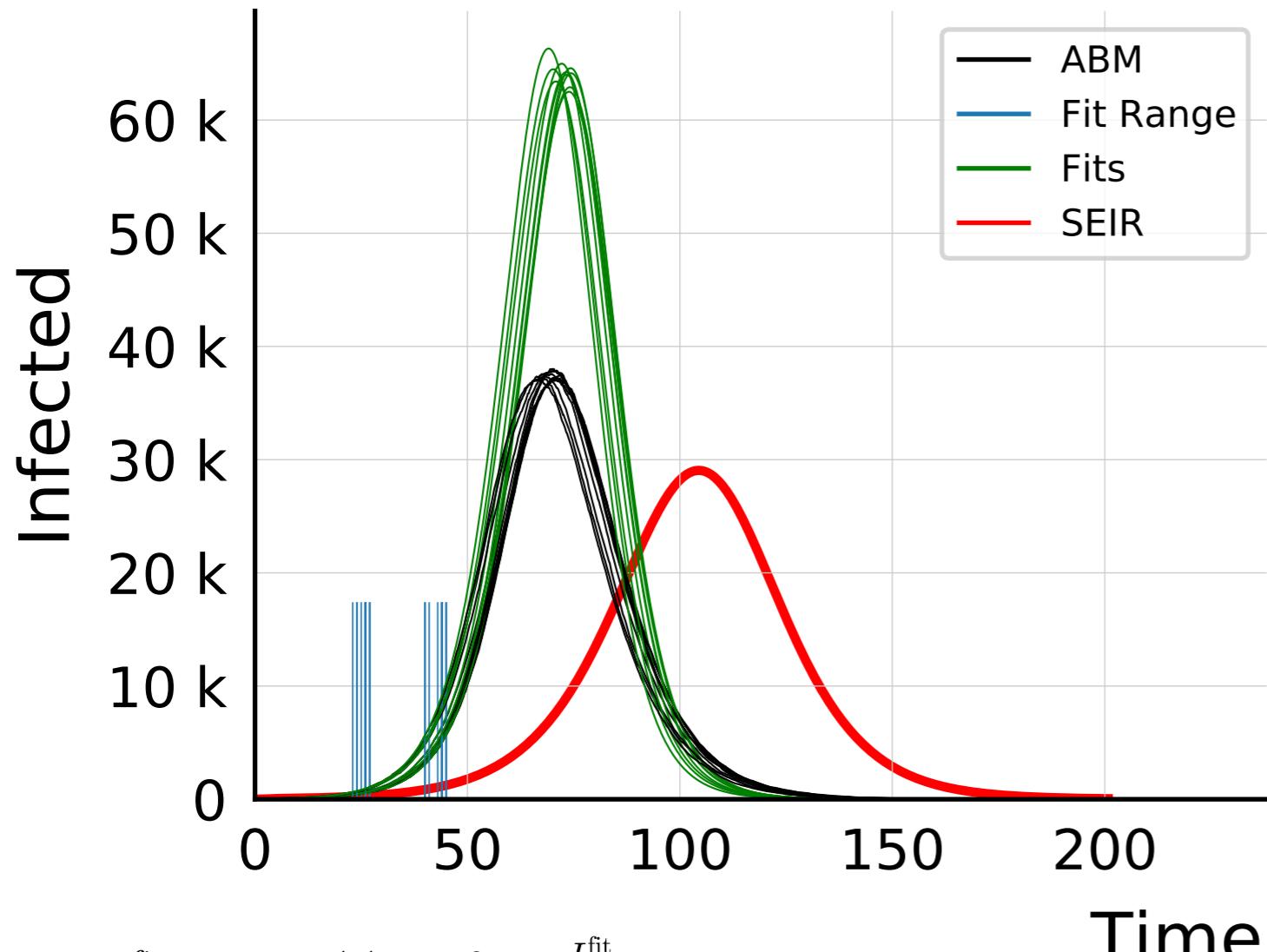
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.98 \pm 0.043$$



$$R_{\infty}^{\text{fit}} = 512^{+7}_{-8} \cdot 10^3$$

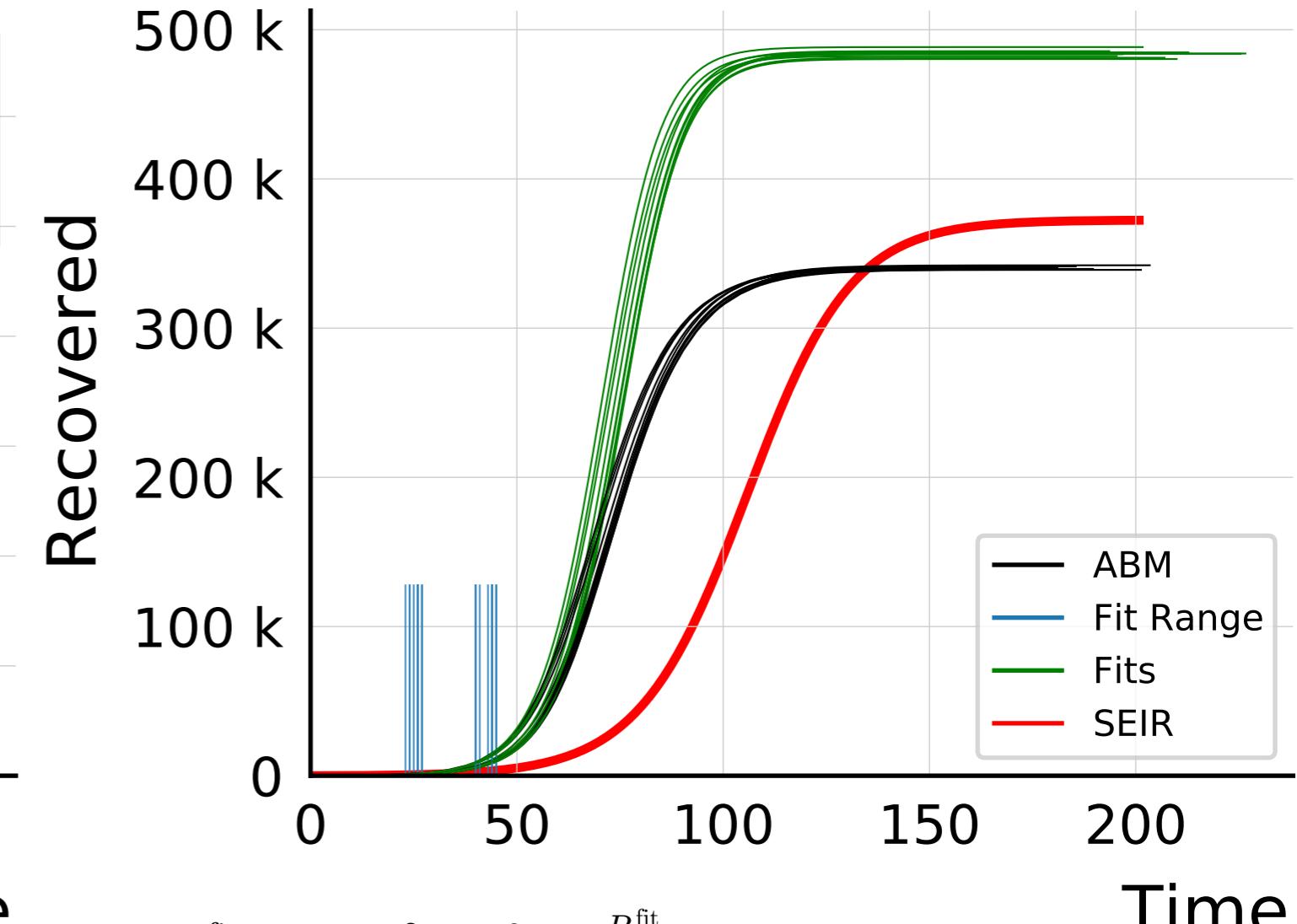
$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.575 \pm 0.0082$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.6$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$$I_{\max}^{\text{fit}} = 64^{+1.1}_{-1.1} \cdot 10^3$$

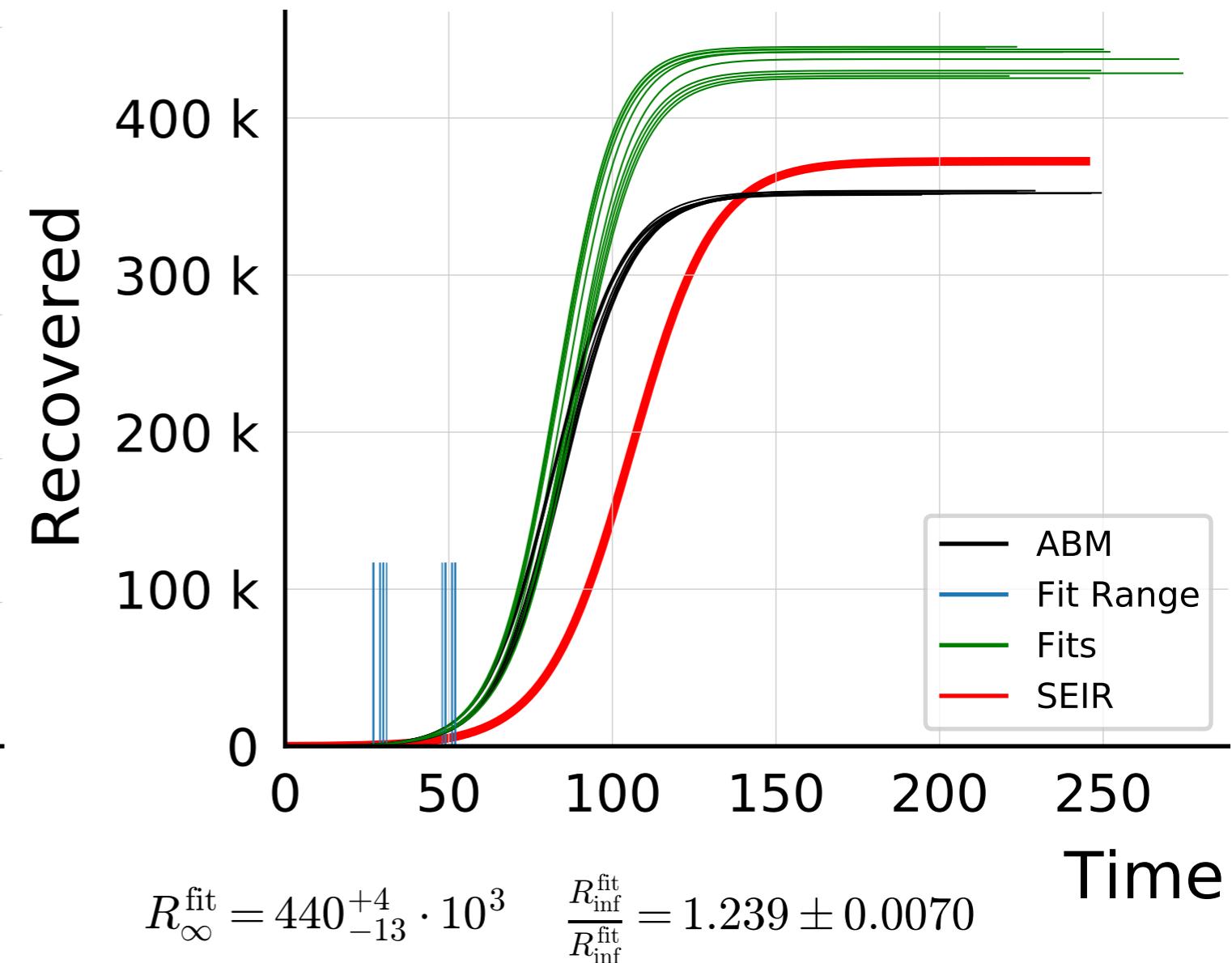
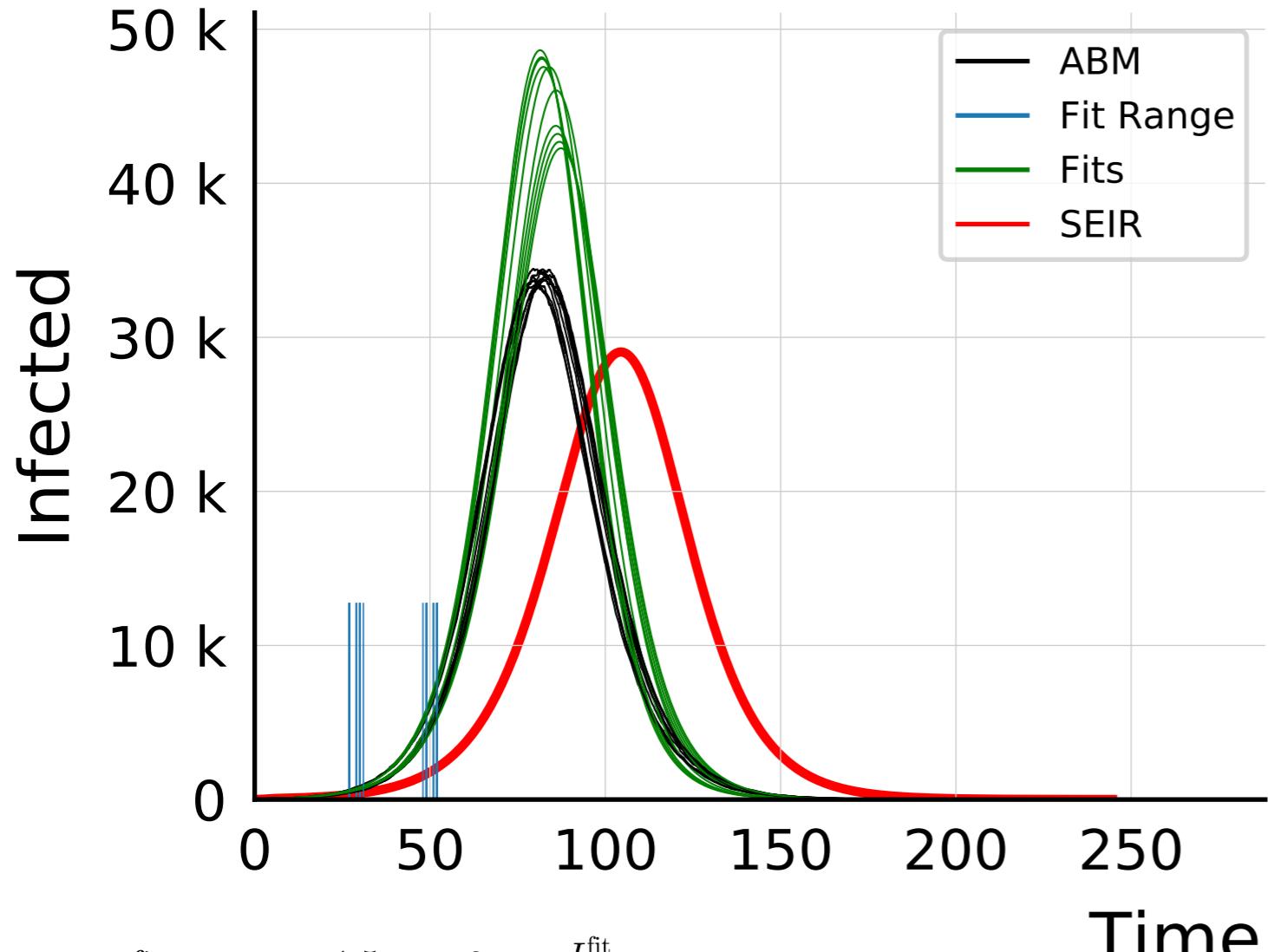
$$\frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 1.71 \pm 0.011$$



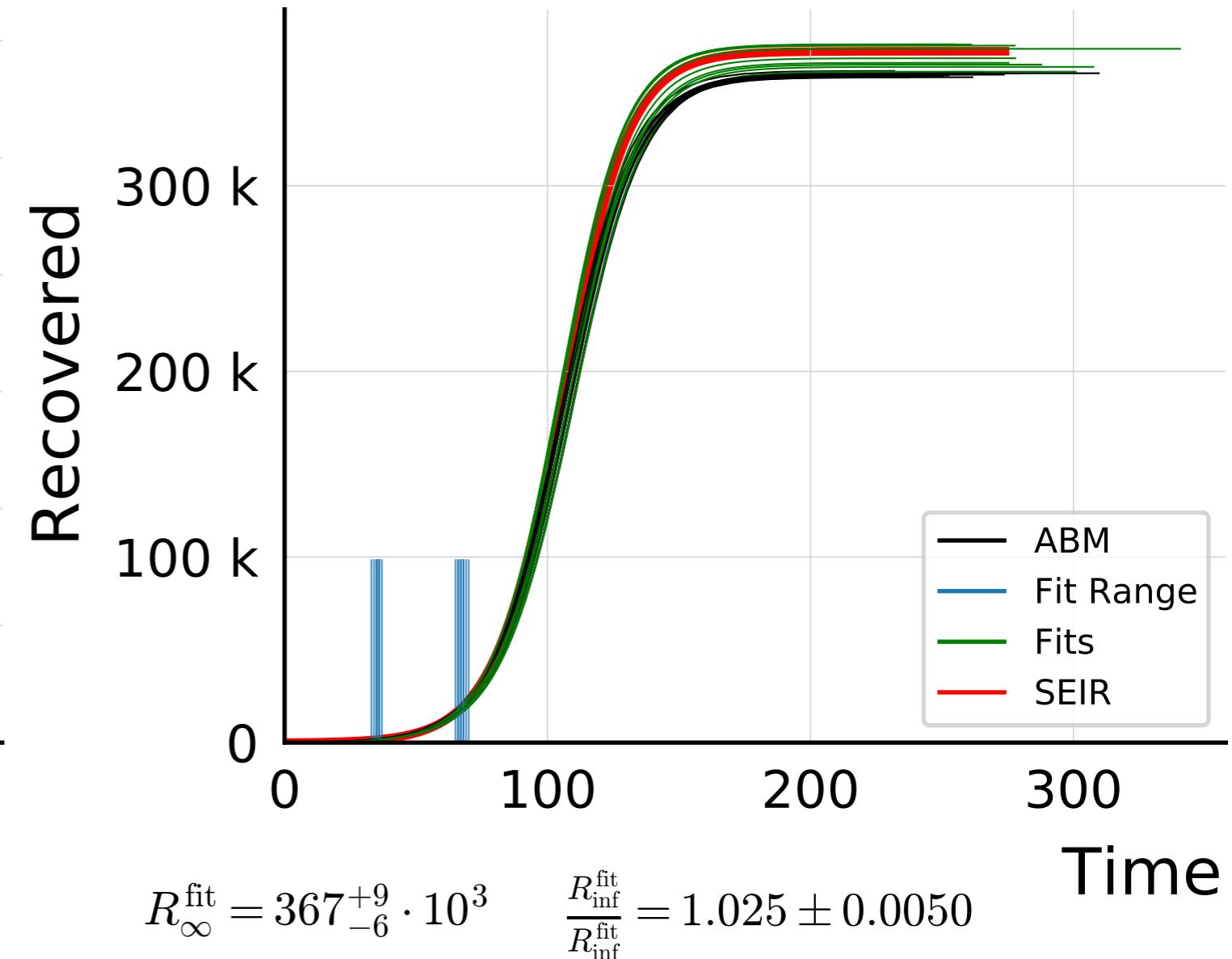
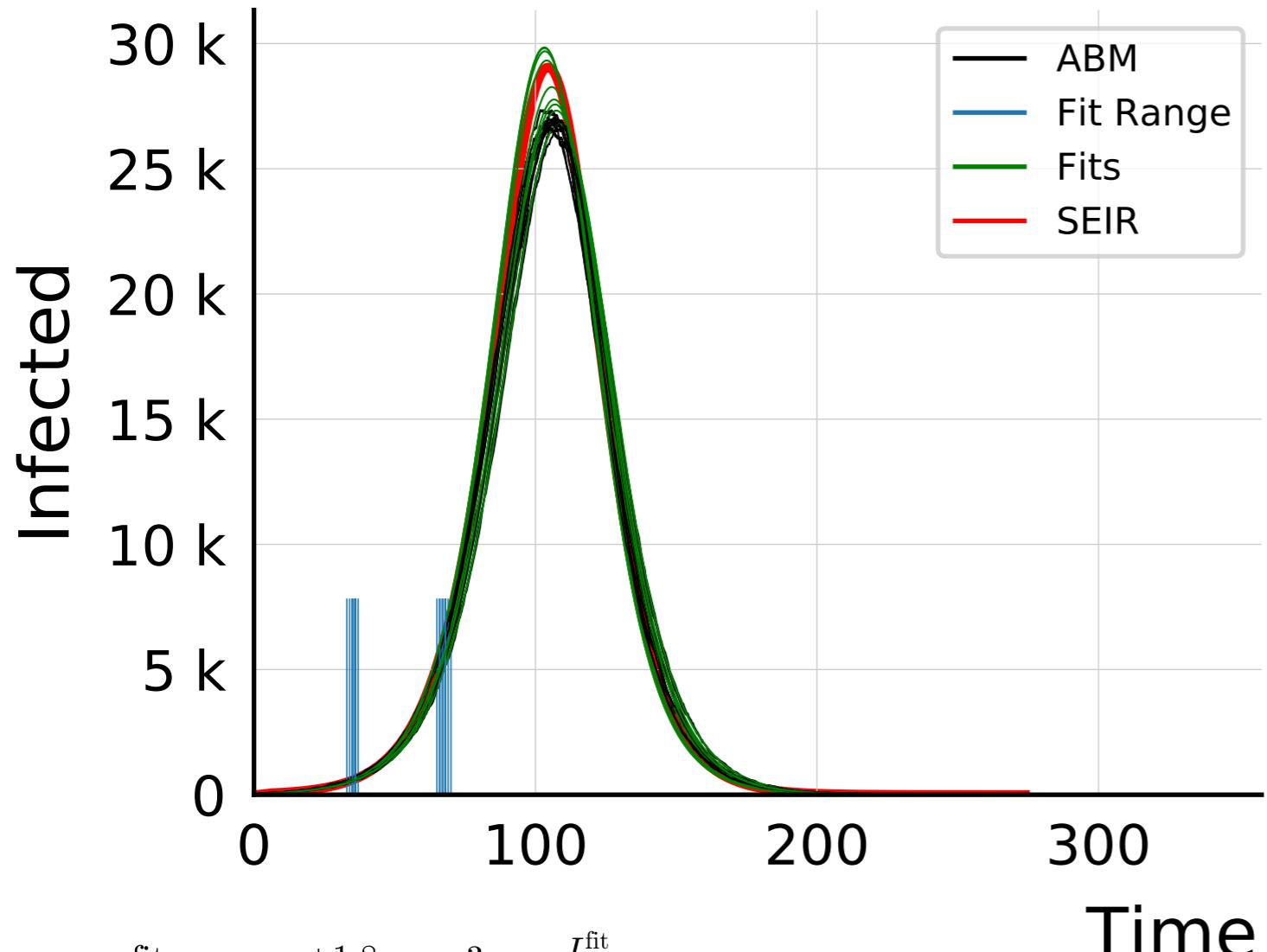
$$R_{\infty}^{\text{fit}} = 484^{+2}_{-2} \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 1.422 \pm 0.0025$$

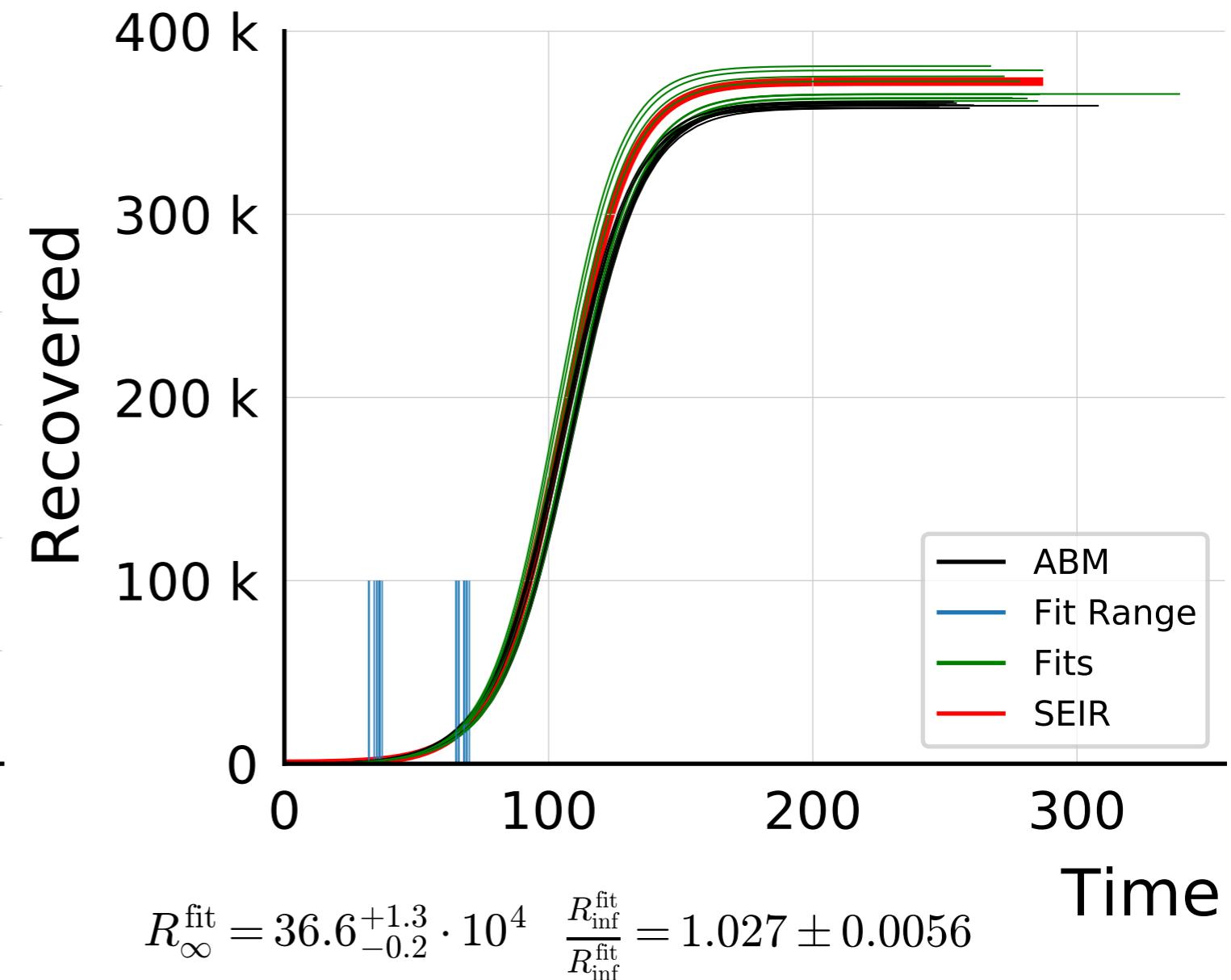
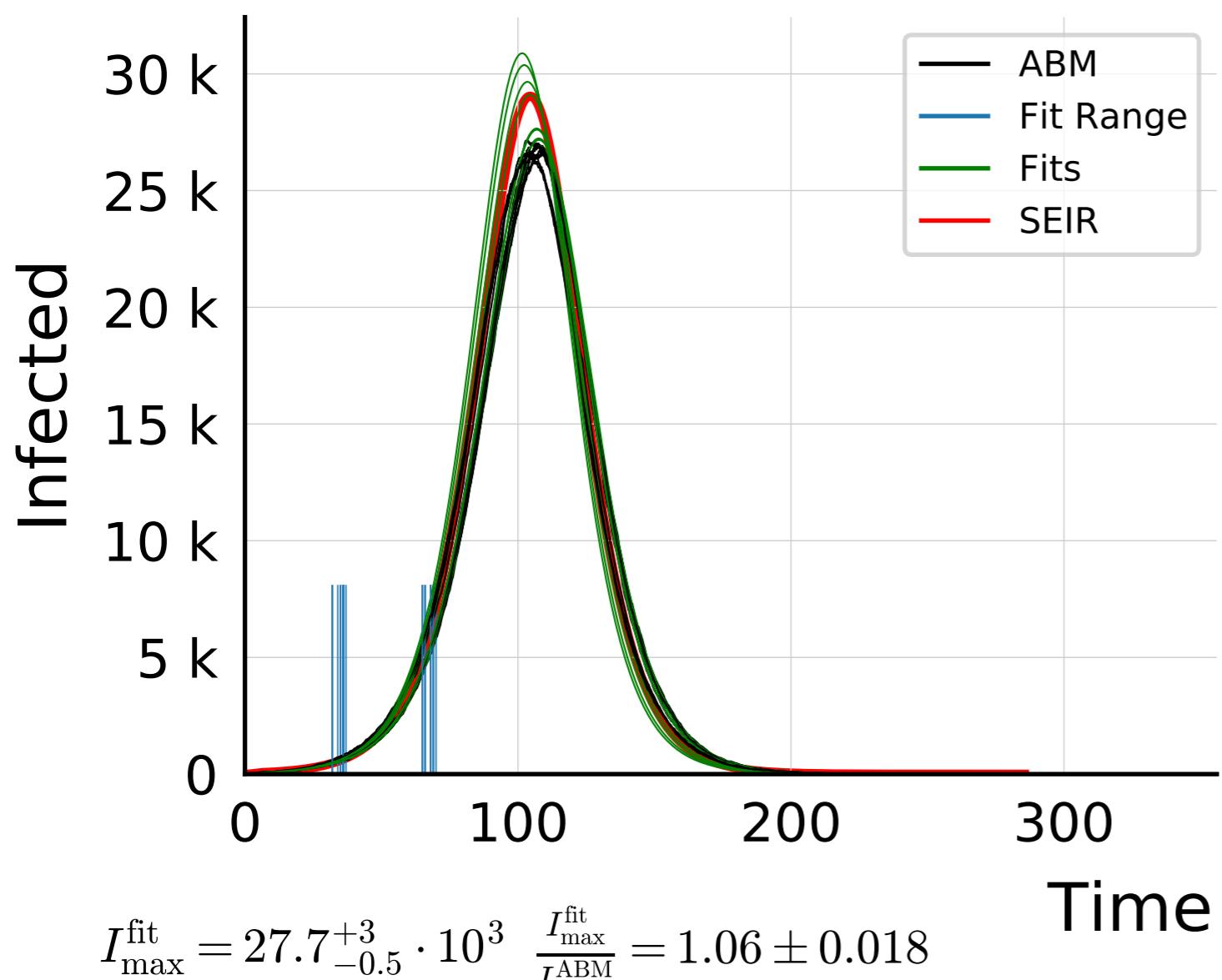
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.7$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



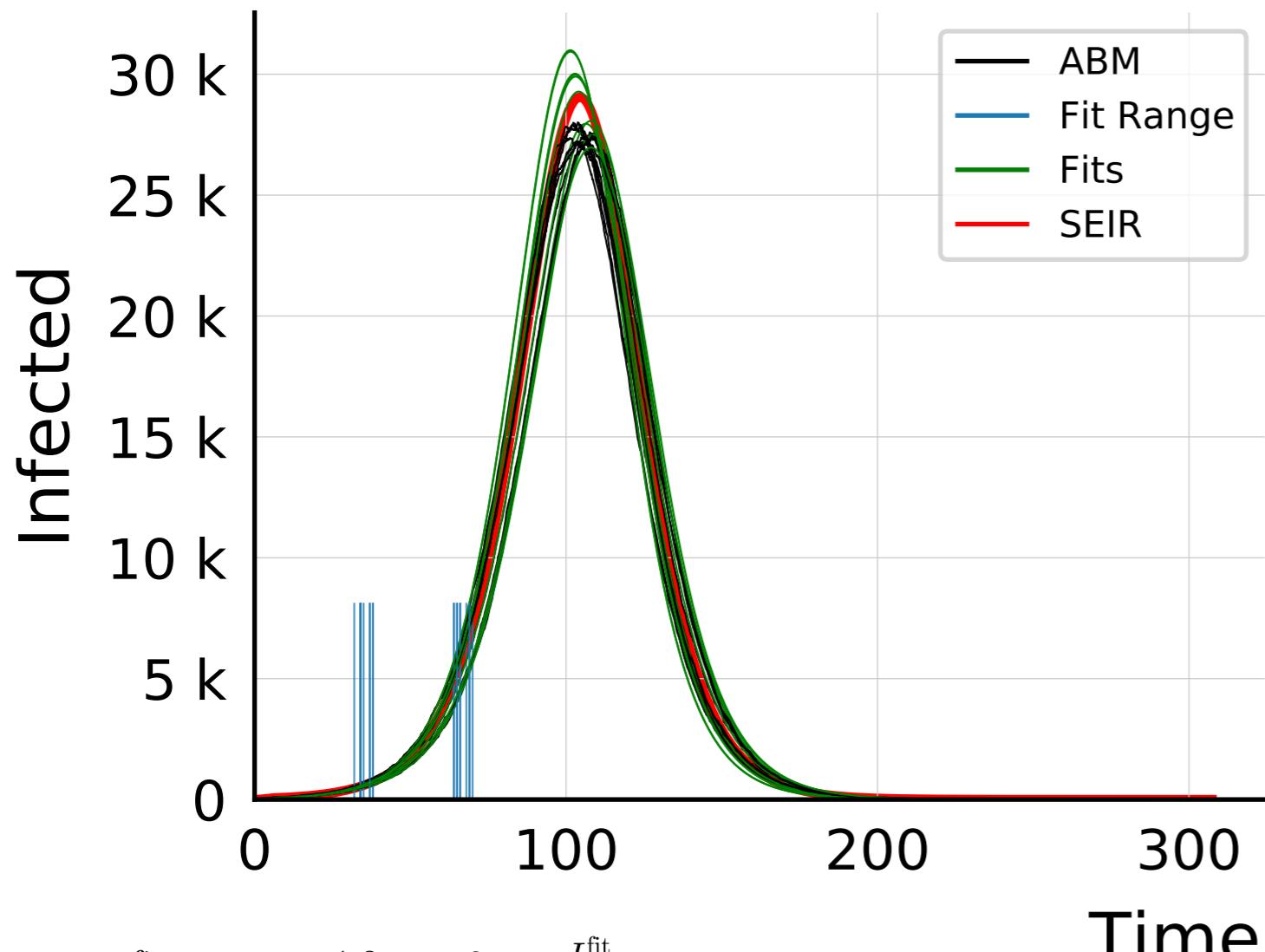
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.95$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



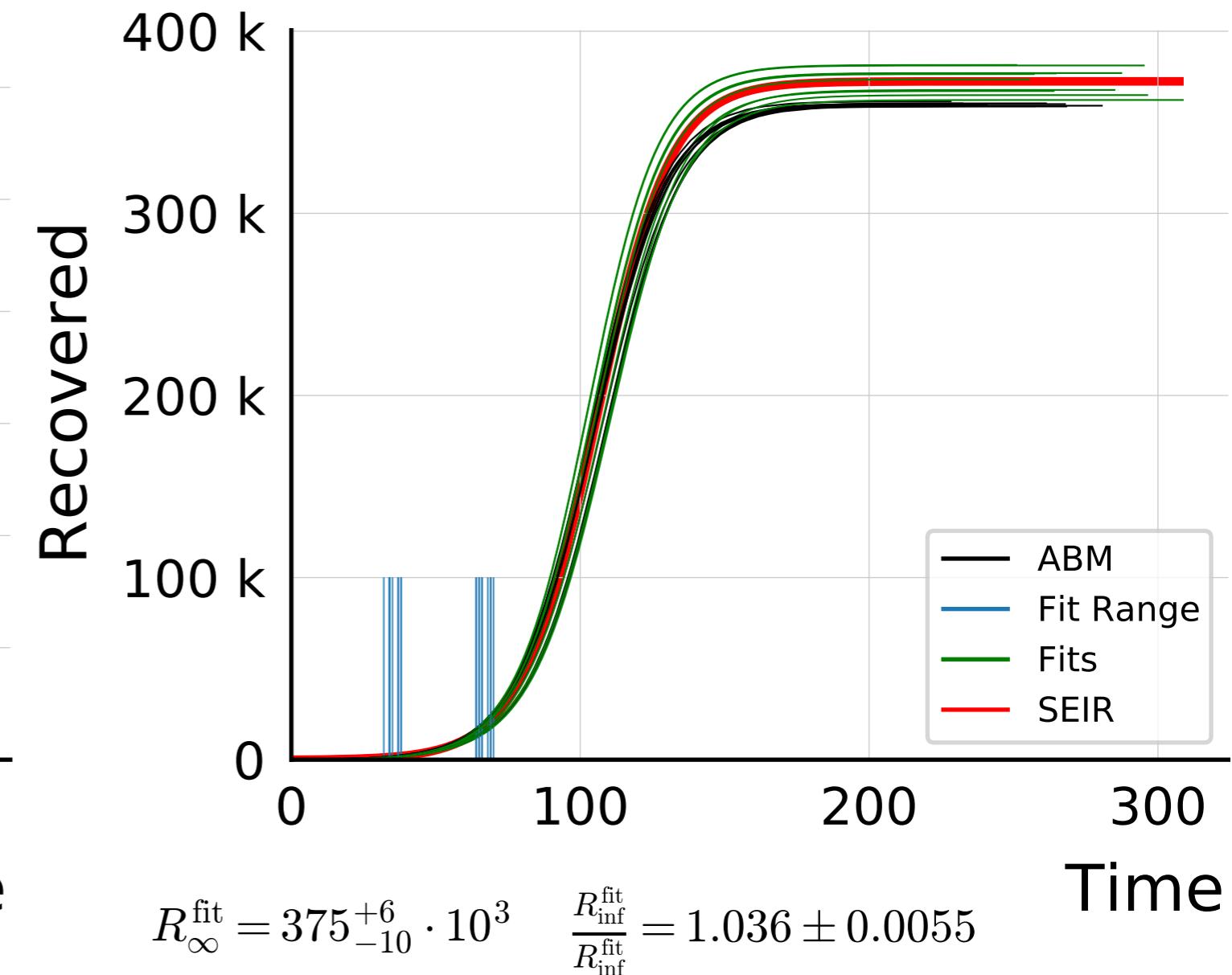
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.99$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 0.9$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

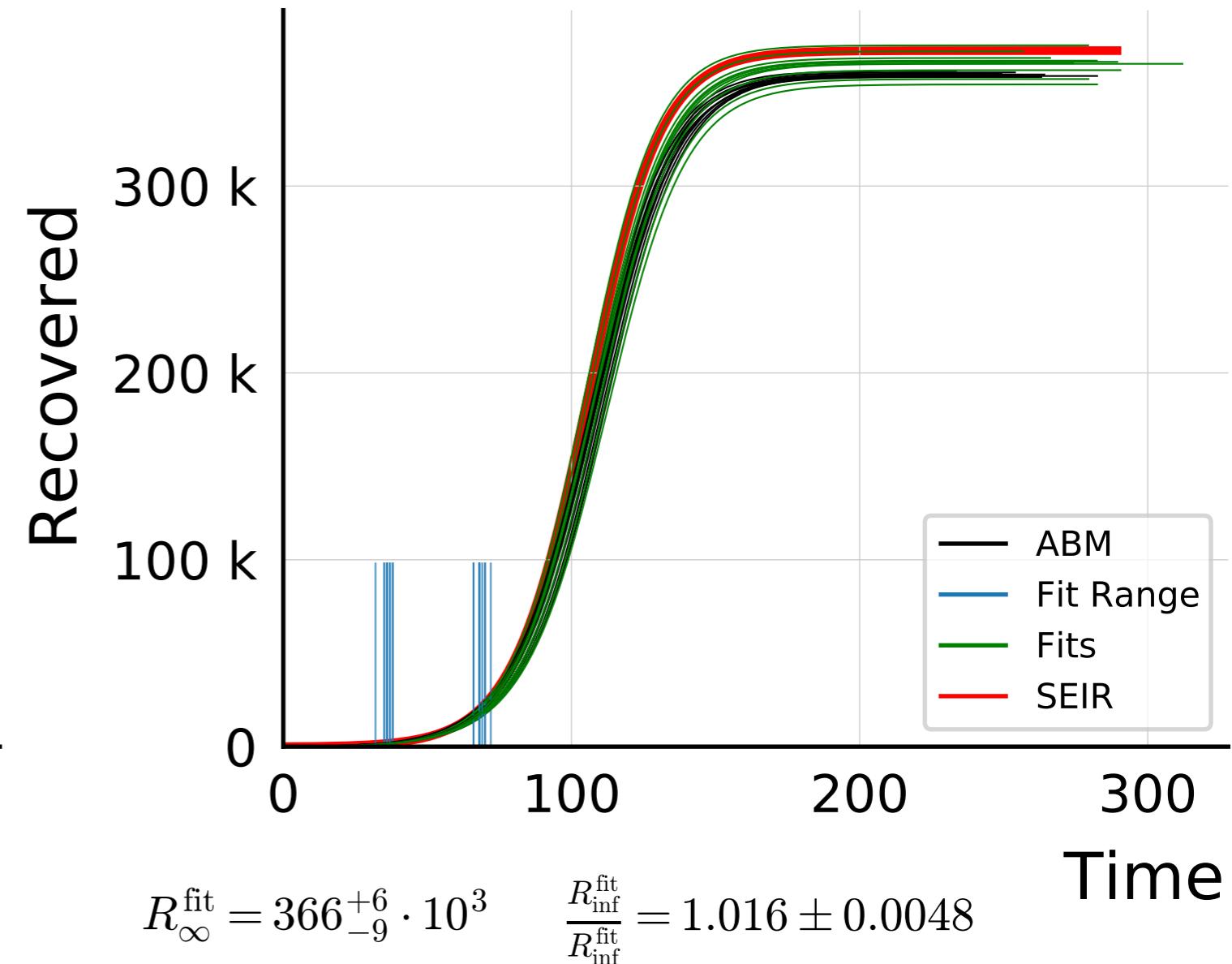
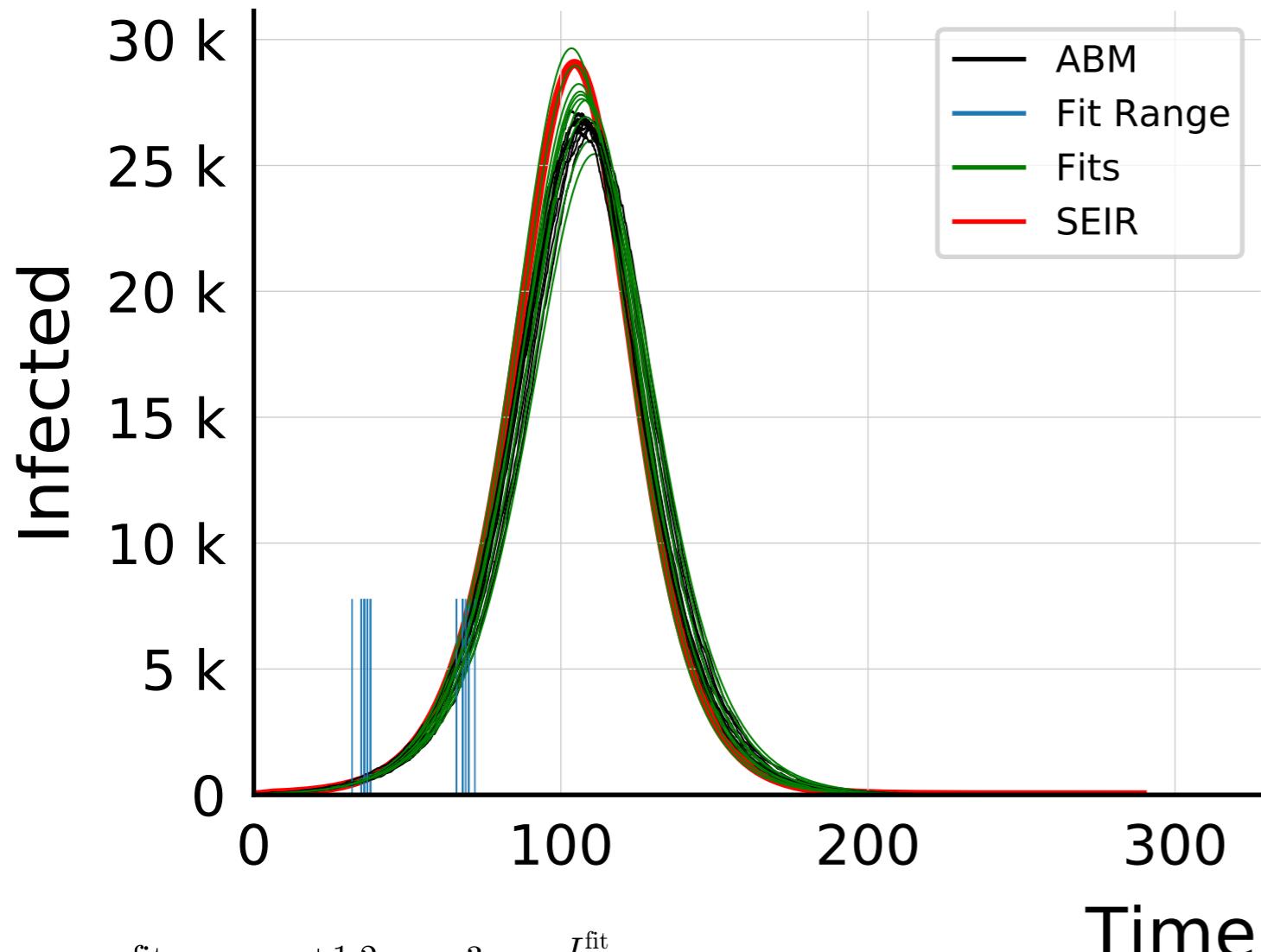


$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 1.06 \pm 0.016$$

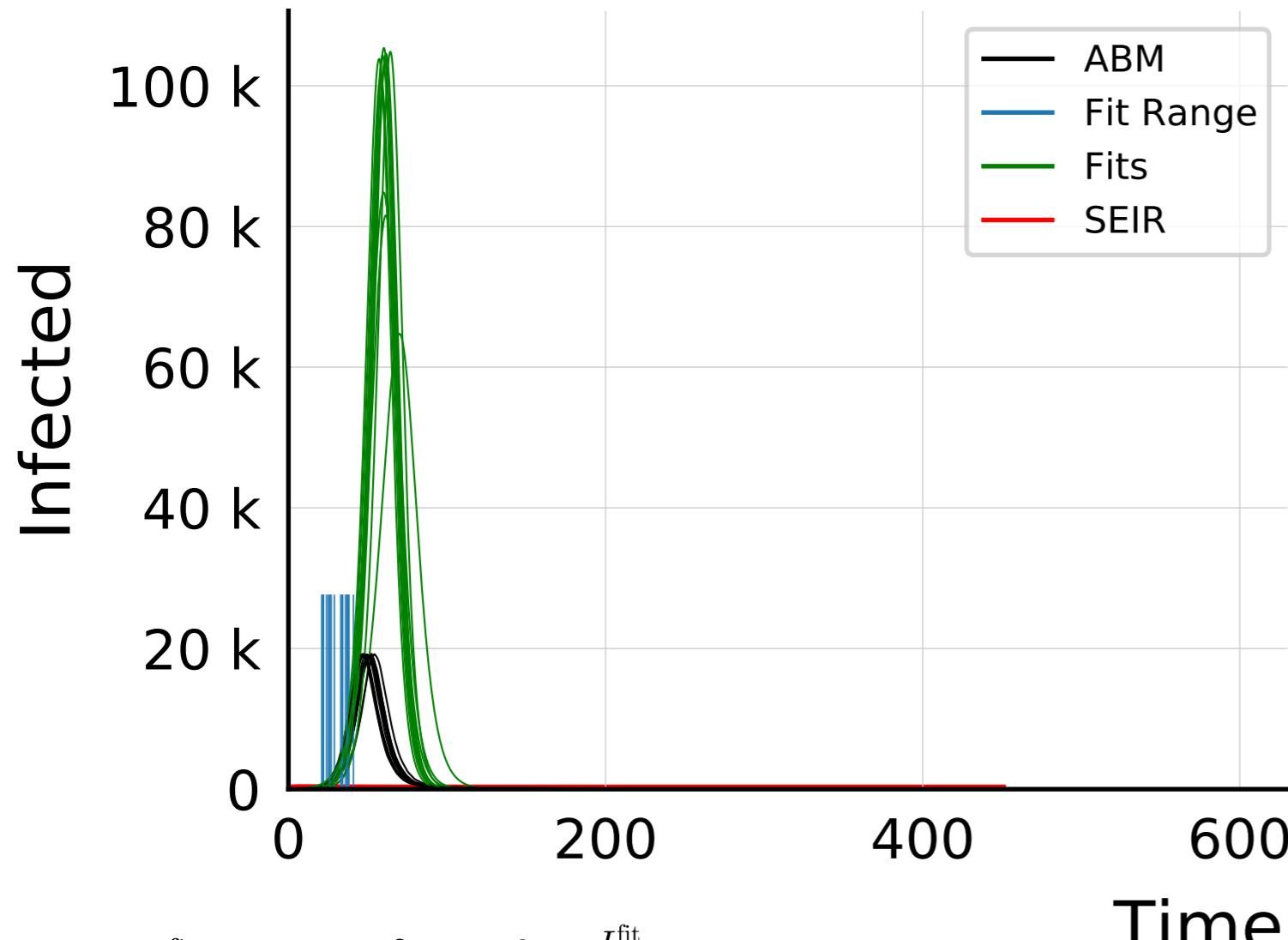


$$\frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}^{\text{ABM}}} = 1.036 \pm 0.0055$$

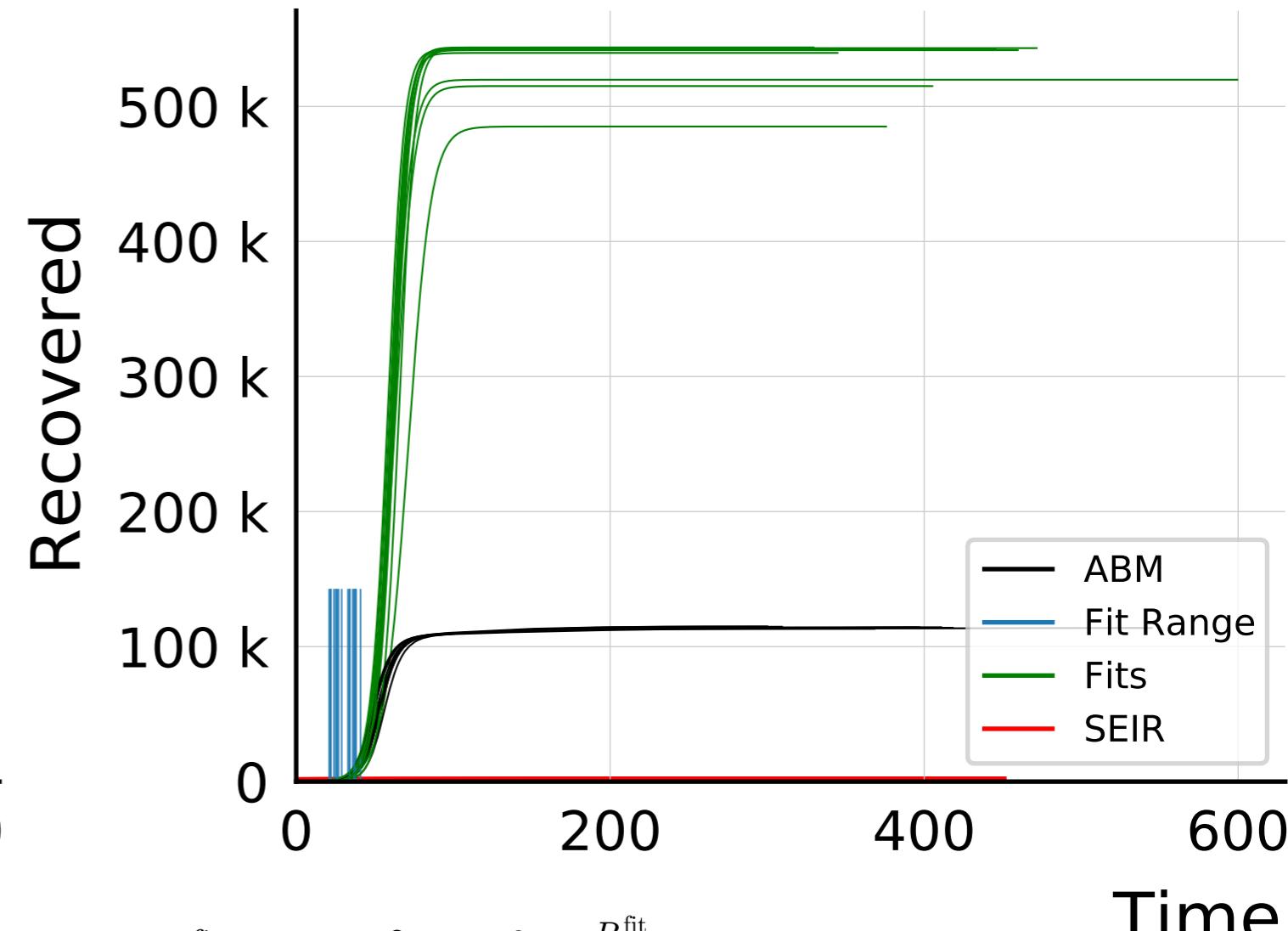
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.1$, $\epsilon_\rho = 1.0$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

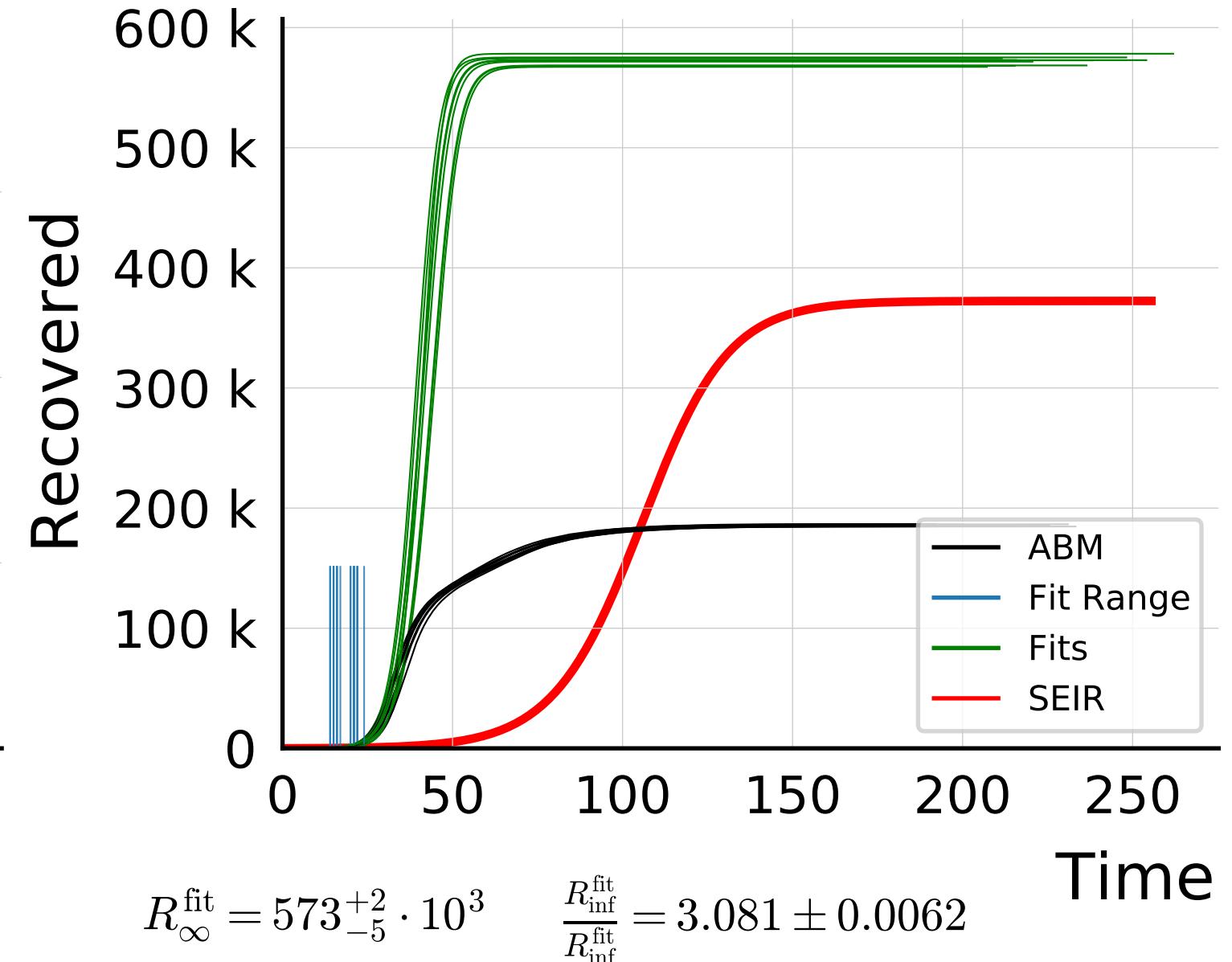
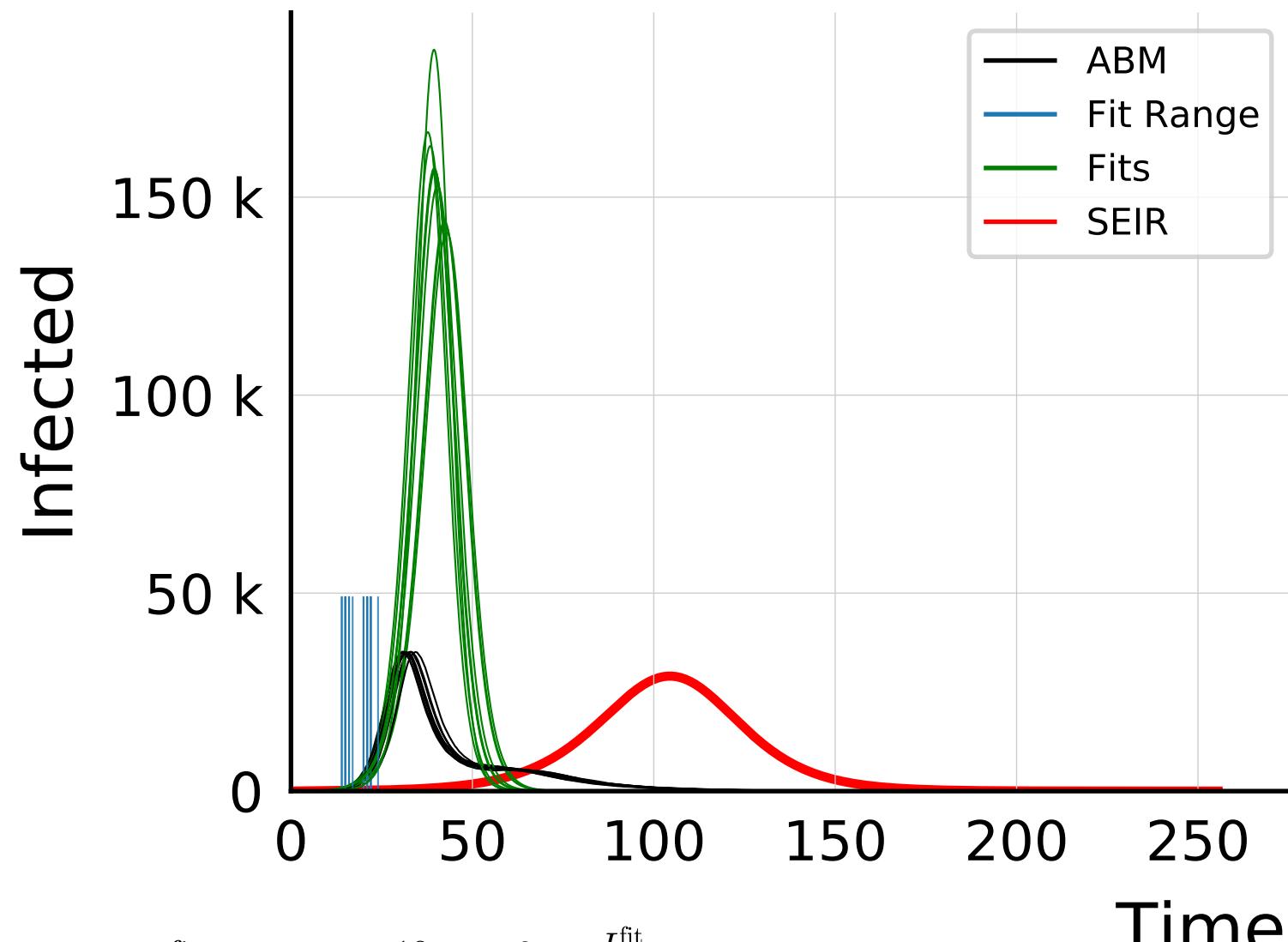


$$I_{\max}^{\text{fit}} = 103^{+2}_{-20} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 5 \pm 0.22$$

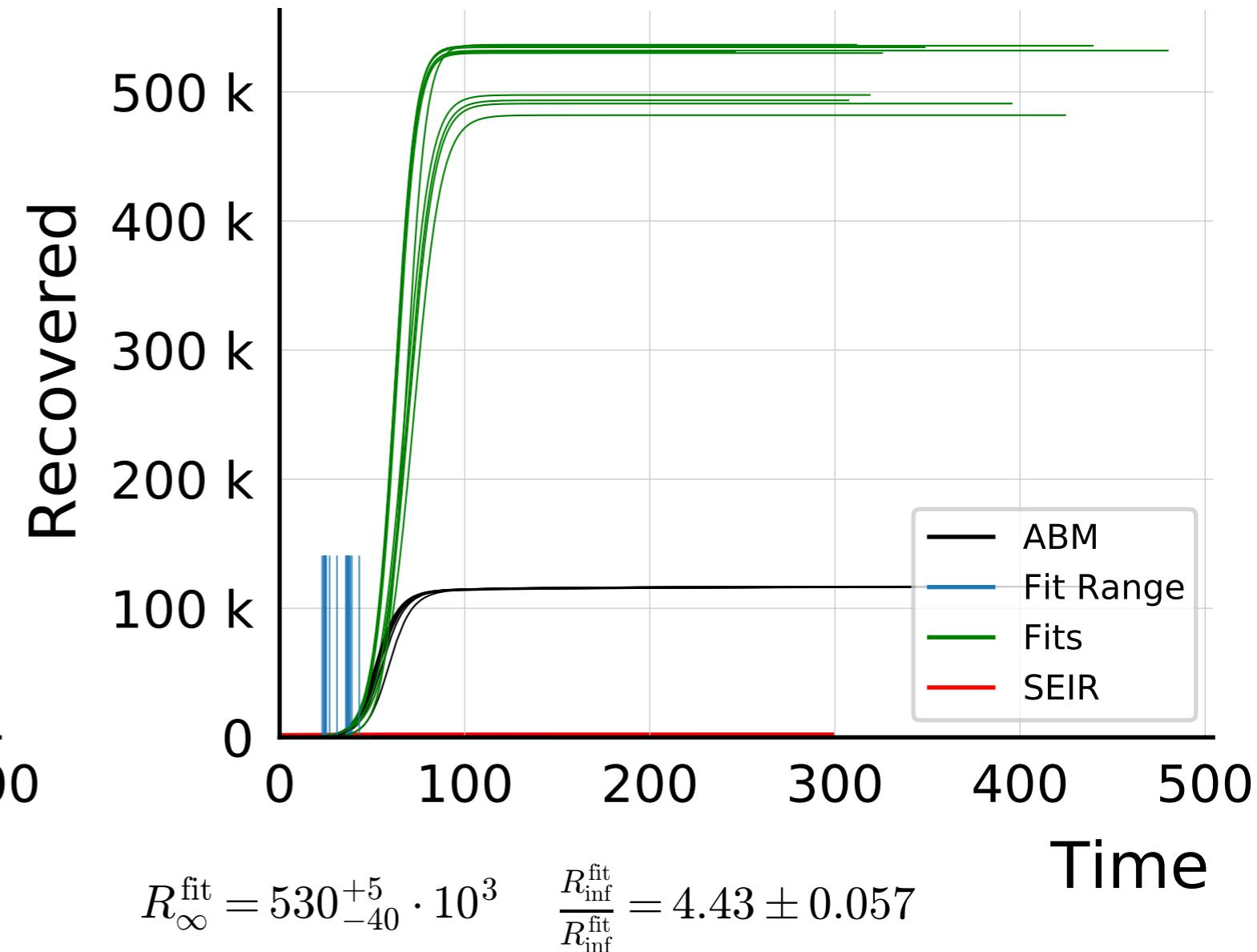
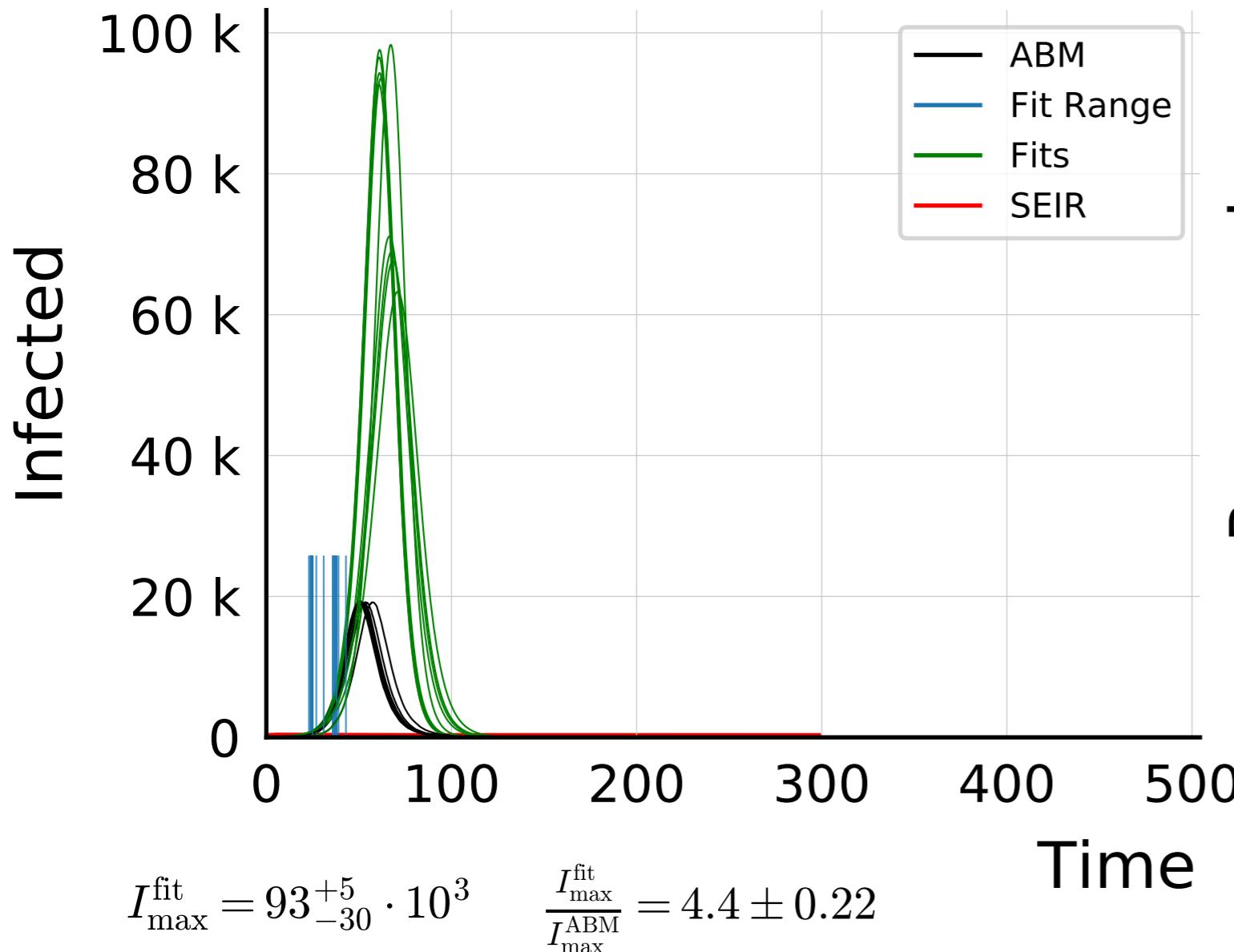


$$R_{\infty}^{\text{fit}} = 541^{+2}_{-30} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 4.66 \pm 0.048$$

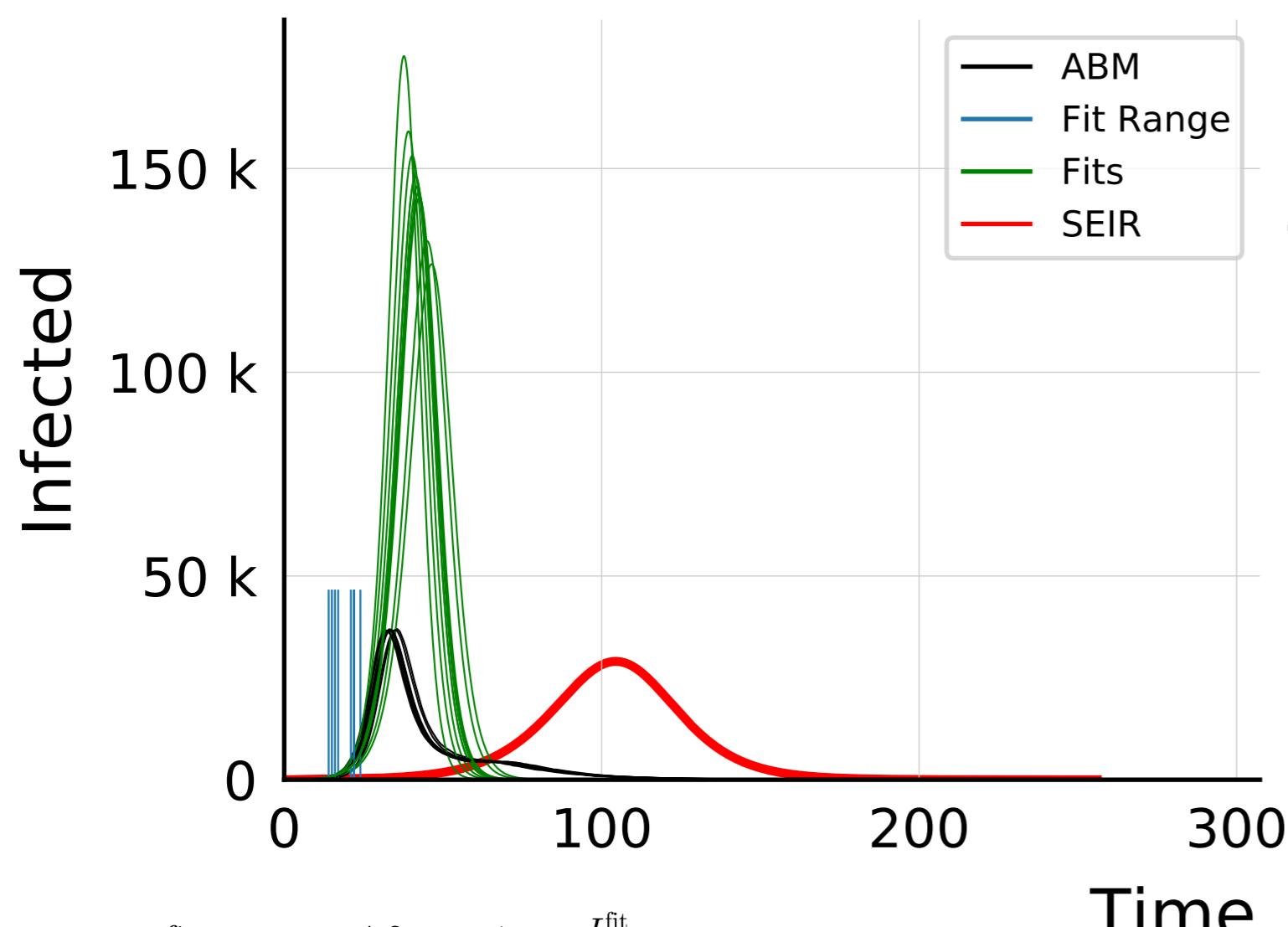
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.25$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



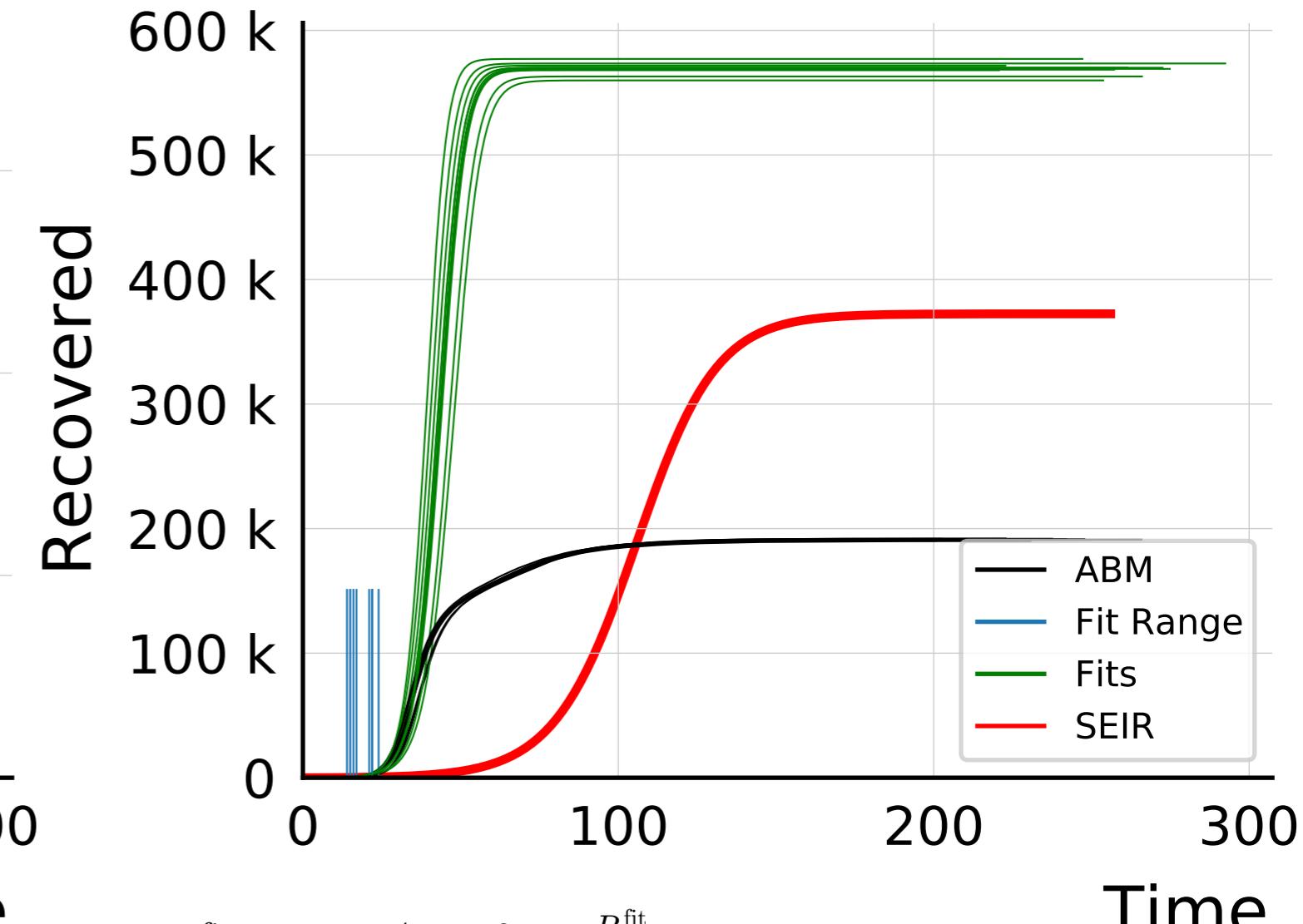
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.2$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

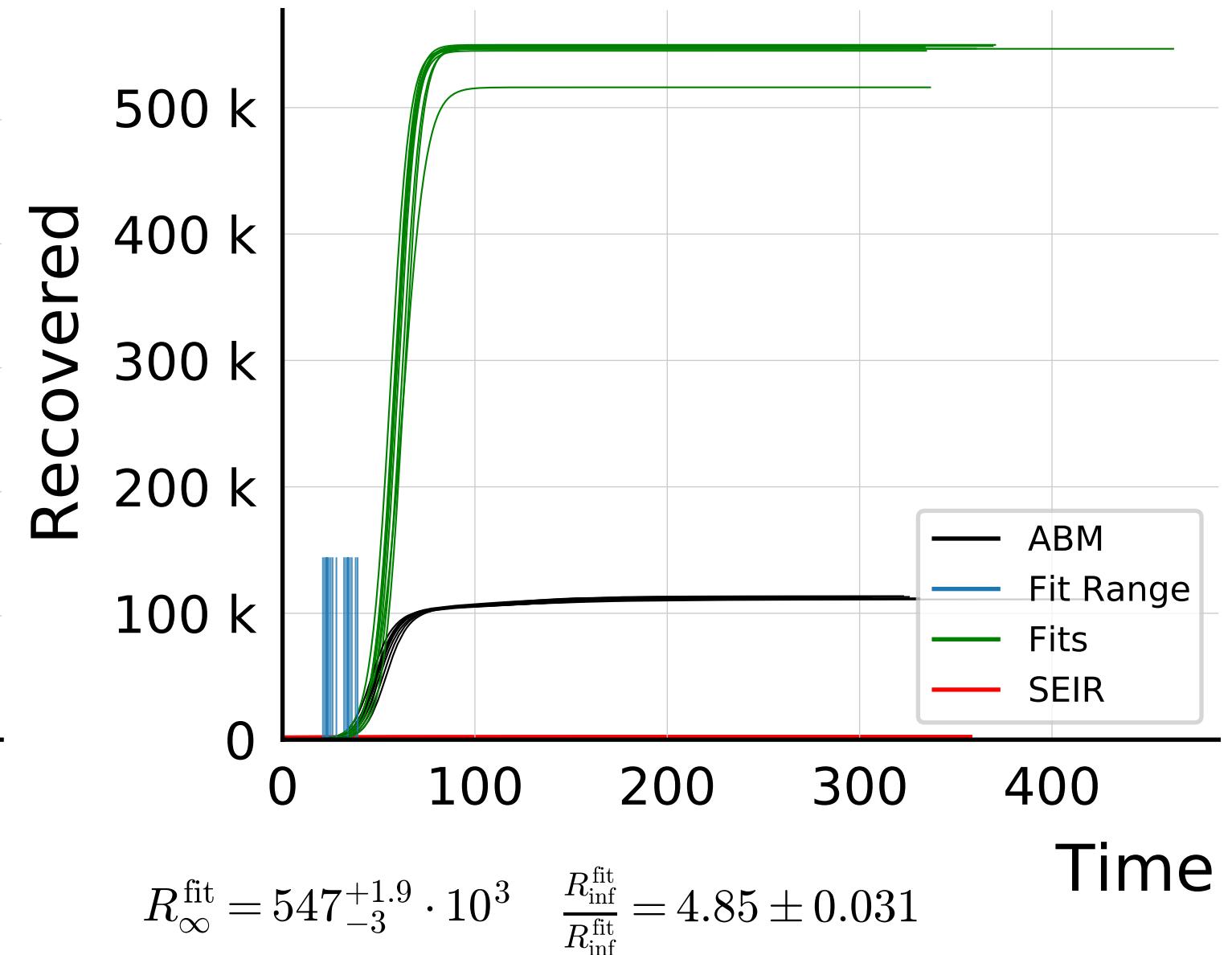
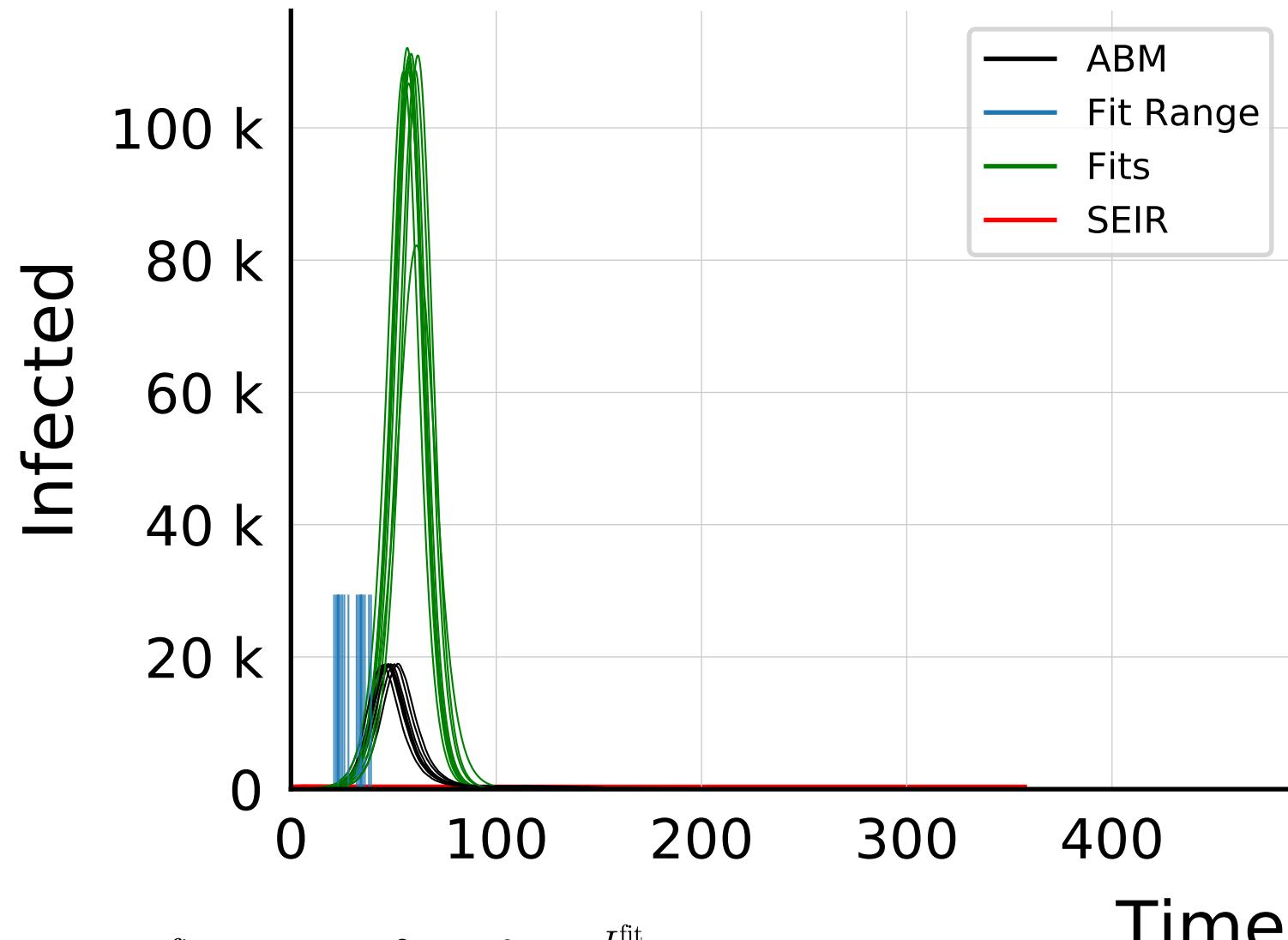


$$I_{\max}^{\text{fit}} = 15^{+1.2}_{-1.5} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 4 \pm 0.12$$

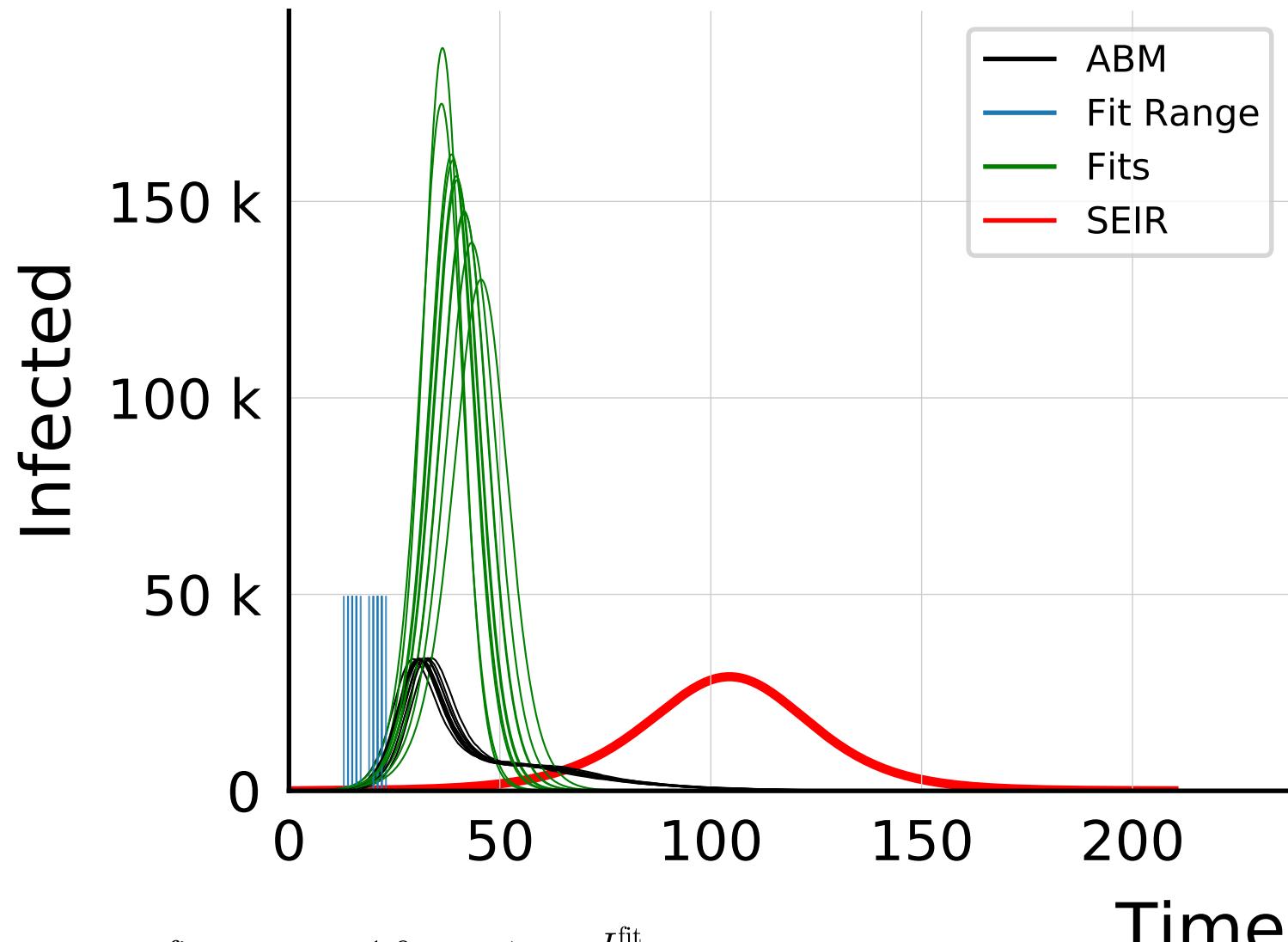


$$R_{\infty}^{\text{fit}} = 570^{+4}_{-7} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 2.976 \pm 0.0061$$

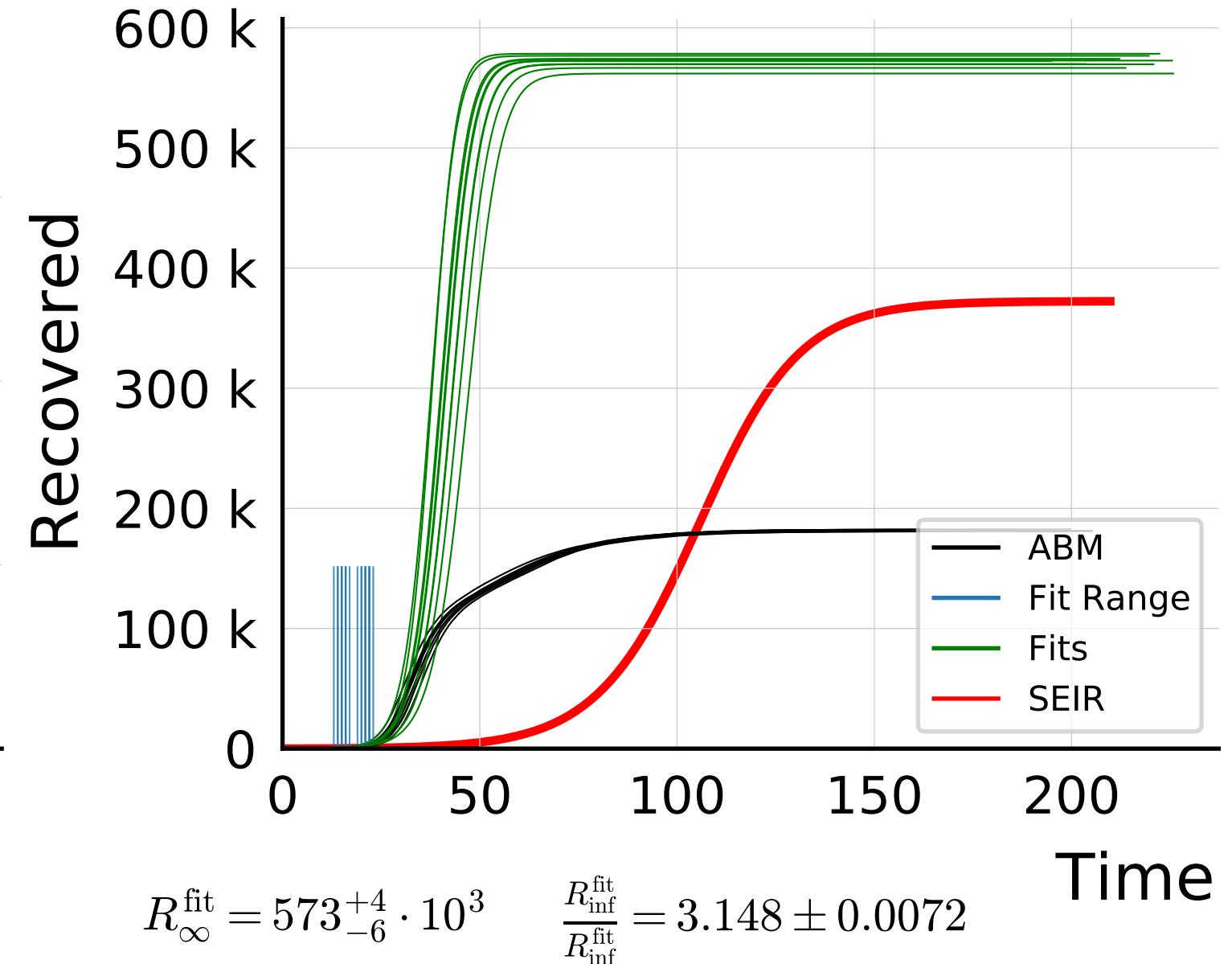
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.3$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

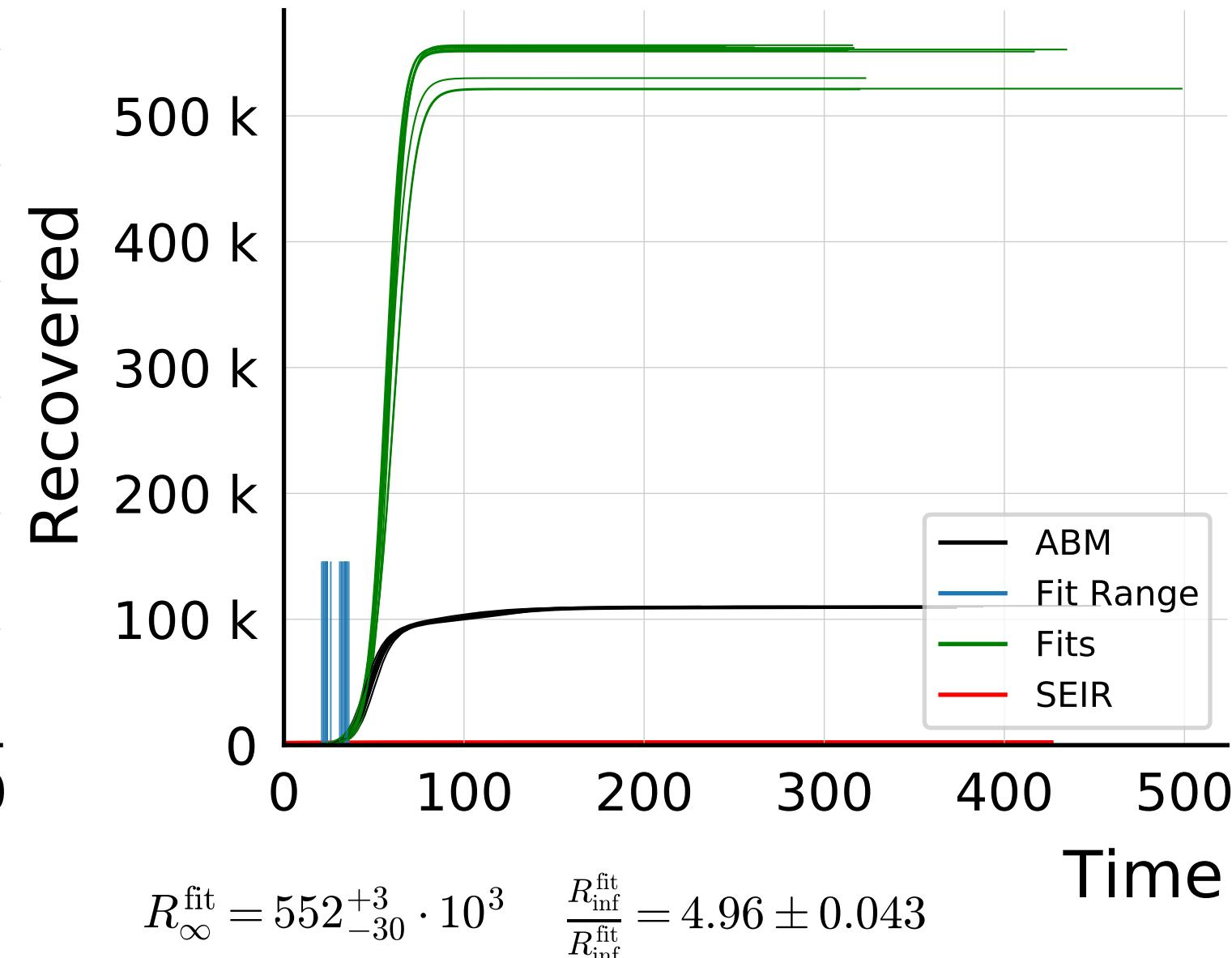
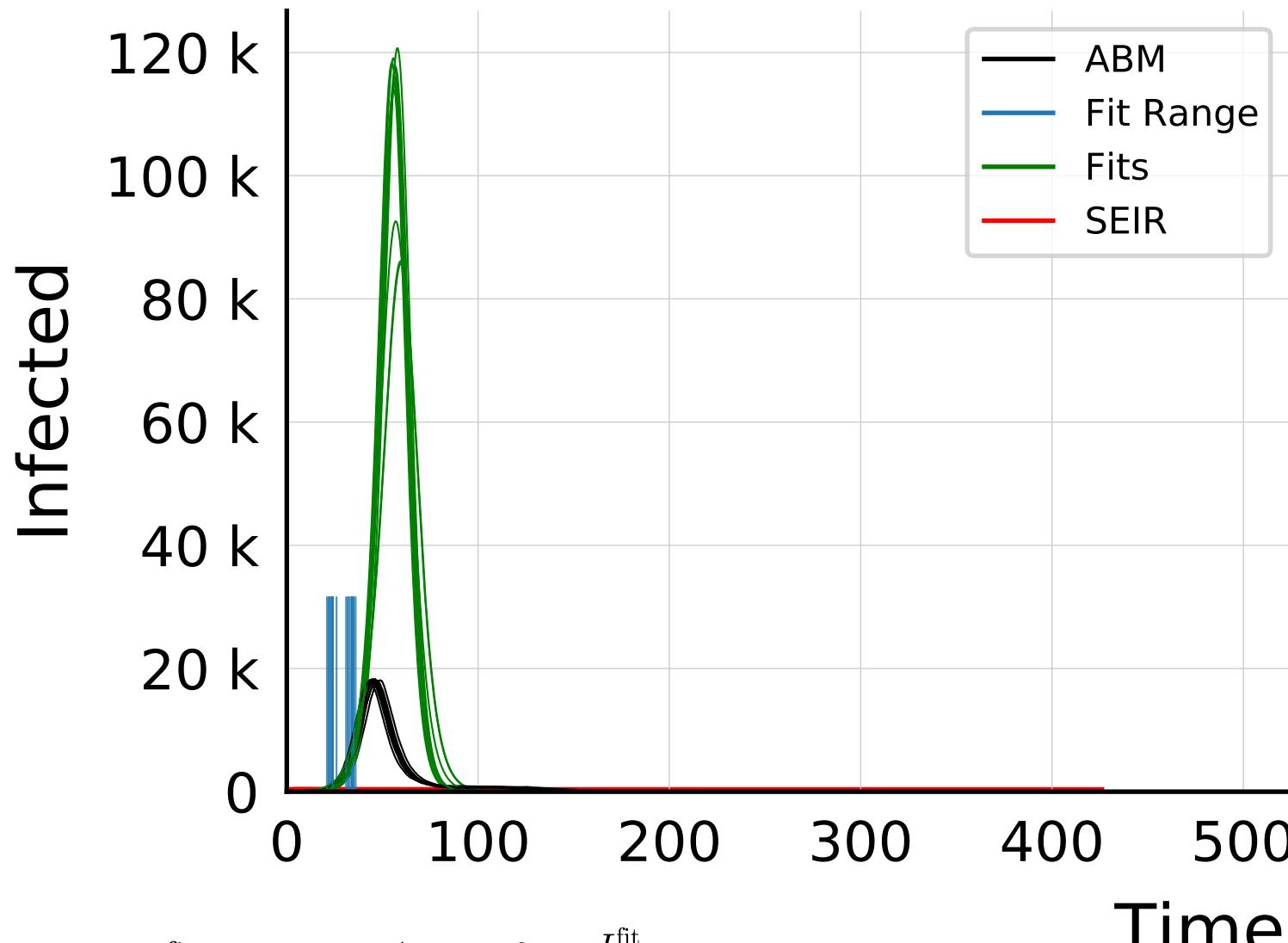


$$I_{\max}^{\text{fit}} = 16_{-1.7}^{+1.9} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 4.6 \pm 0.16$$

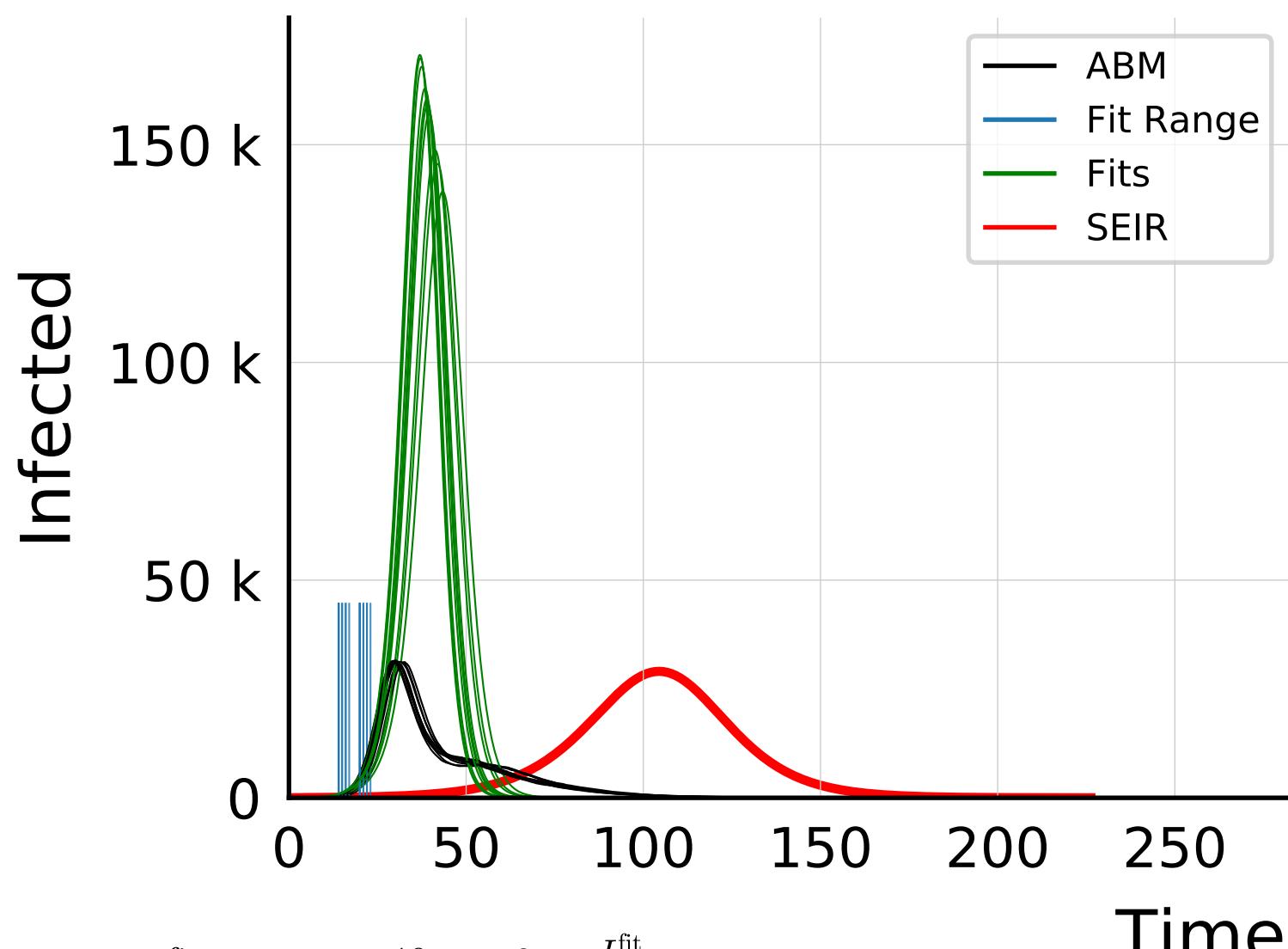


$$R_{\infty}^{\text{fit}} = 573_{-6}^{+4} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 3.148 \pm 0.0072$$

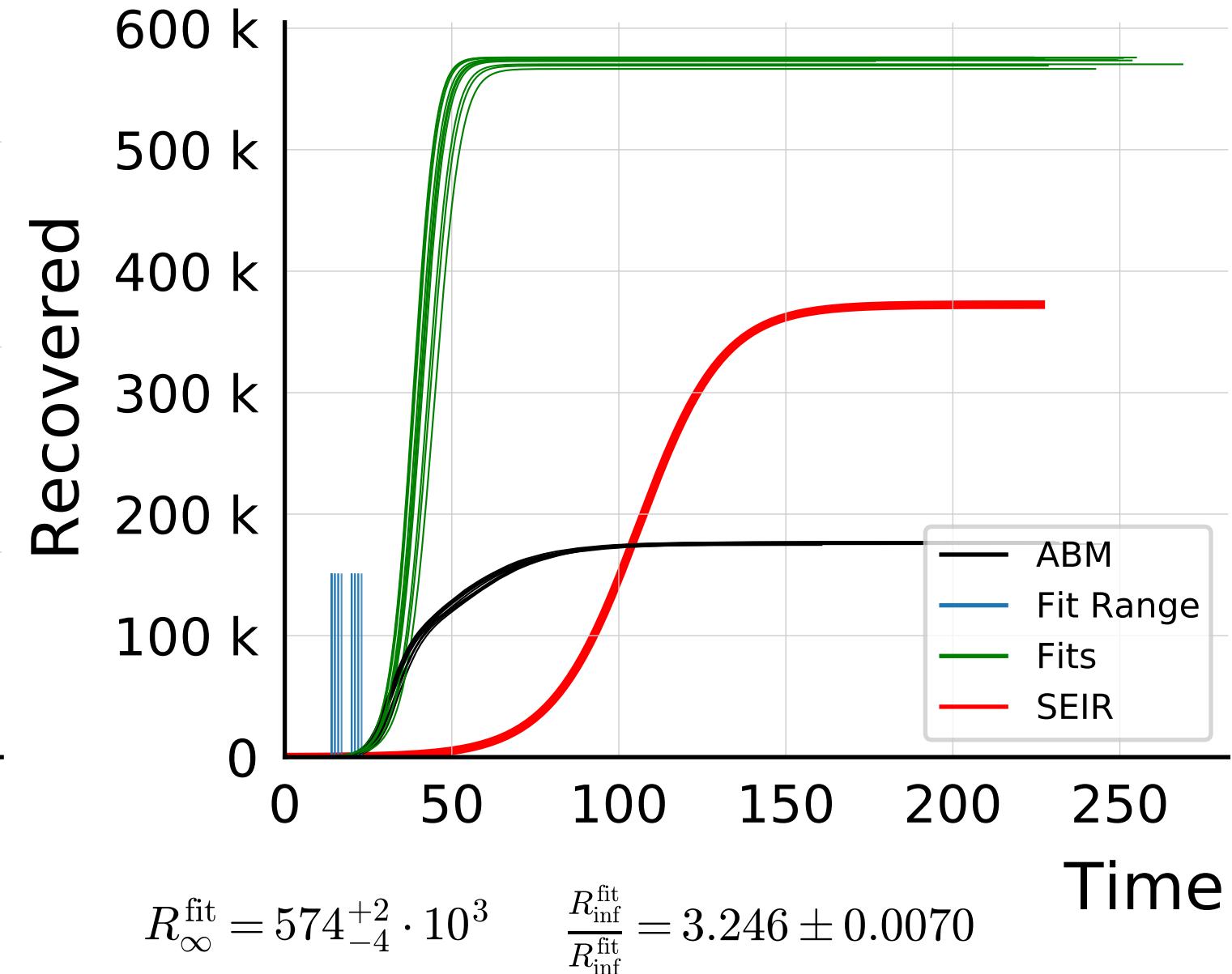
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.4$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

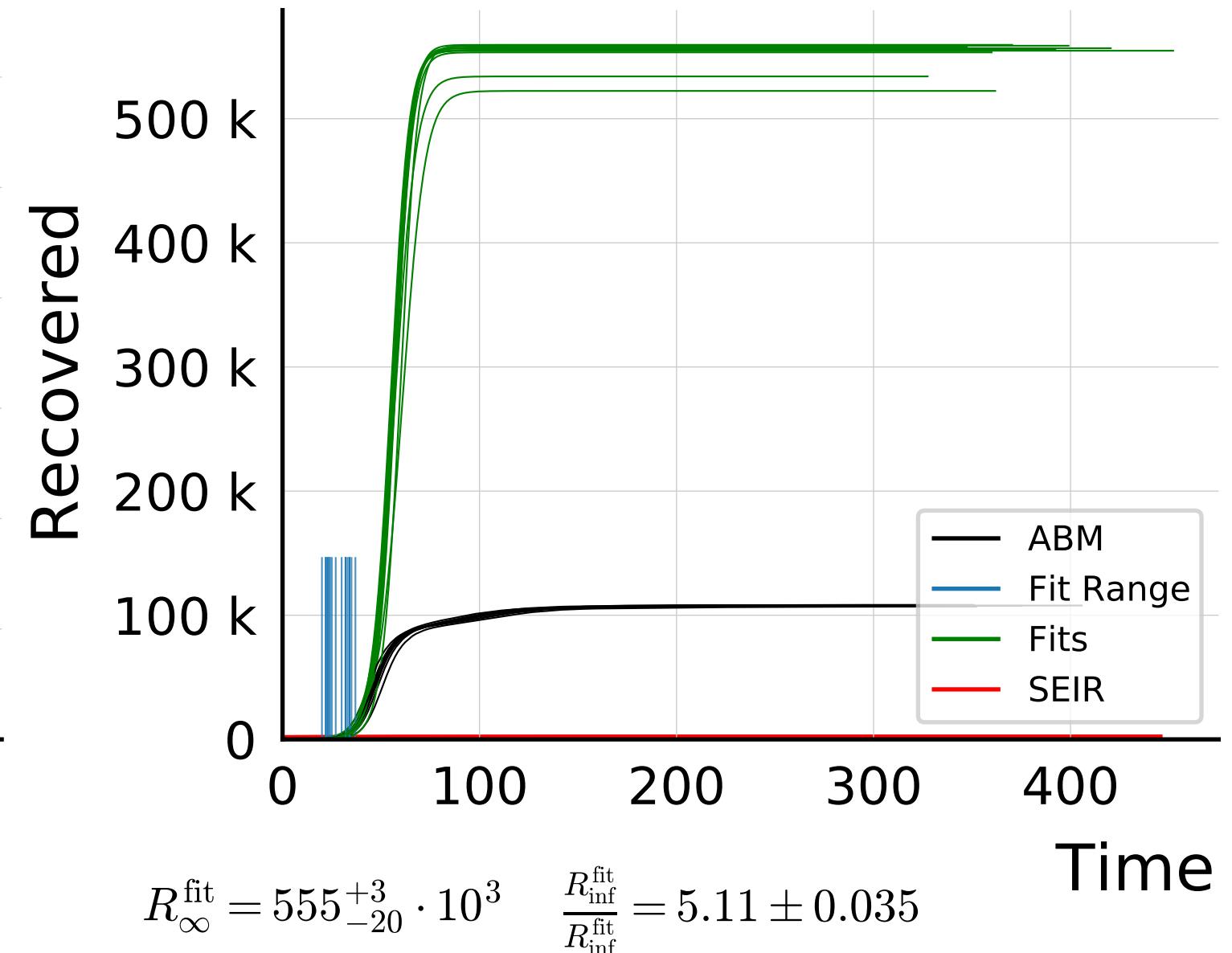
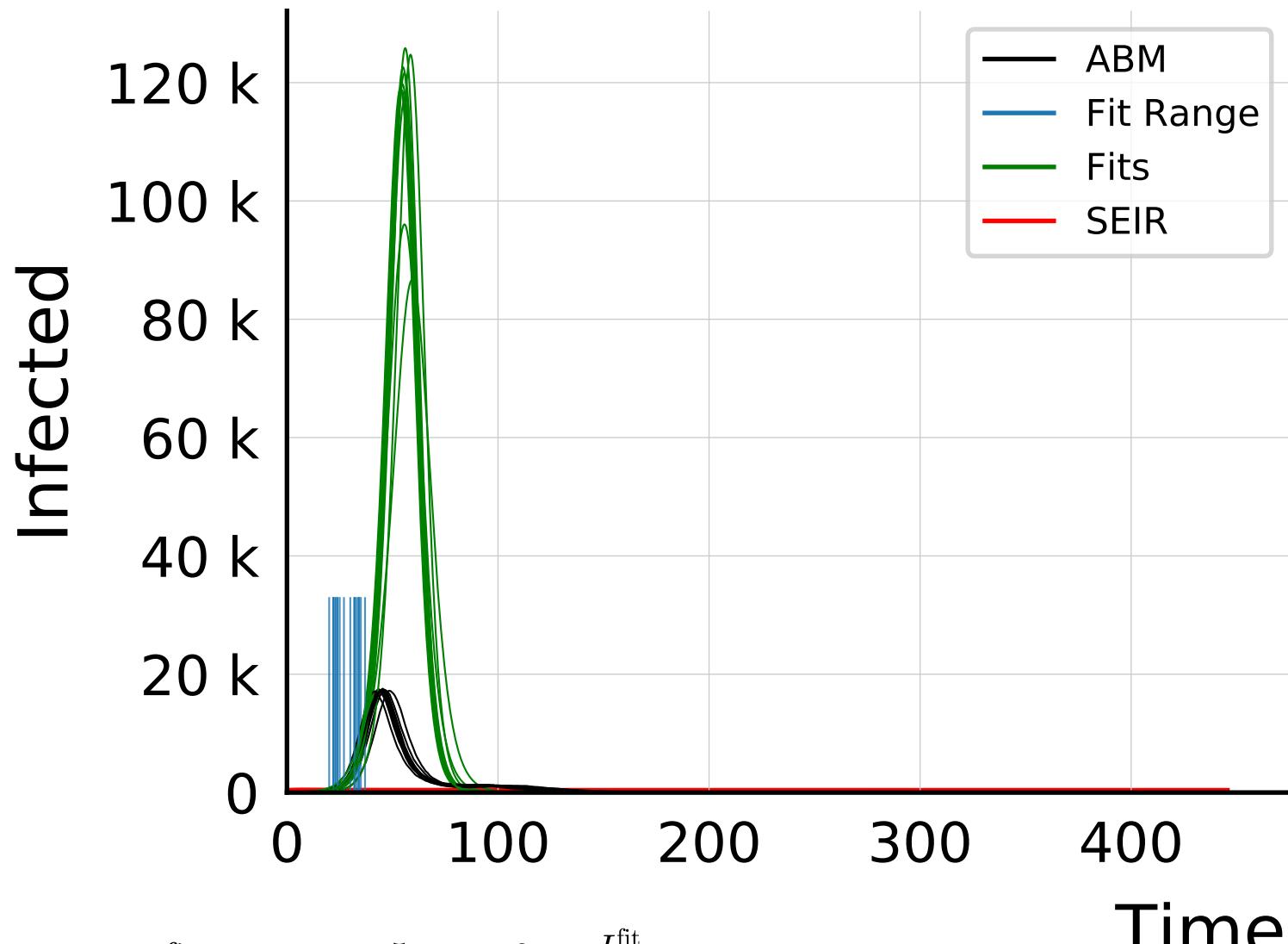


$$I_{\max}^{\text{fit}} = 160_{-14}^{+10} \cdot 10^3 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 5.1 \pm 0.10$$

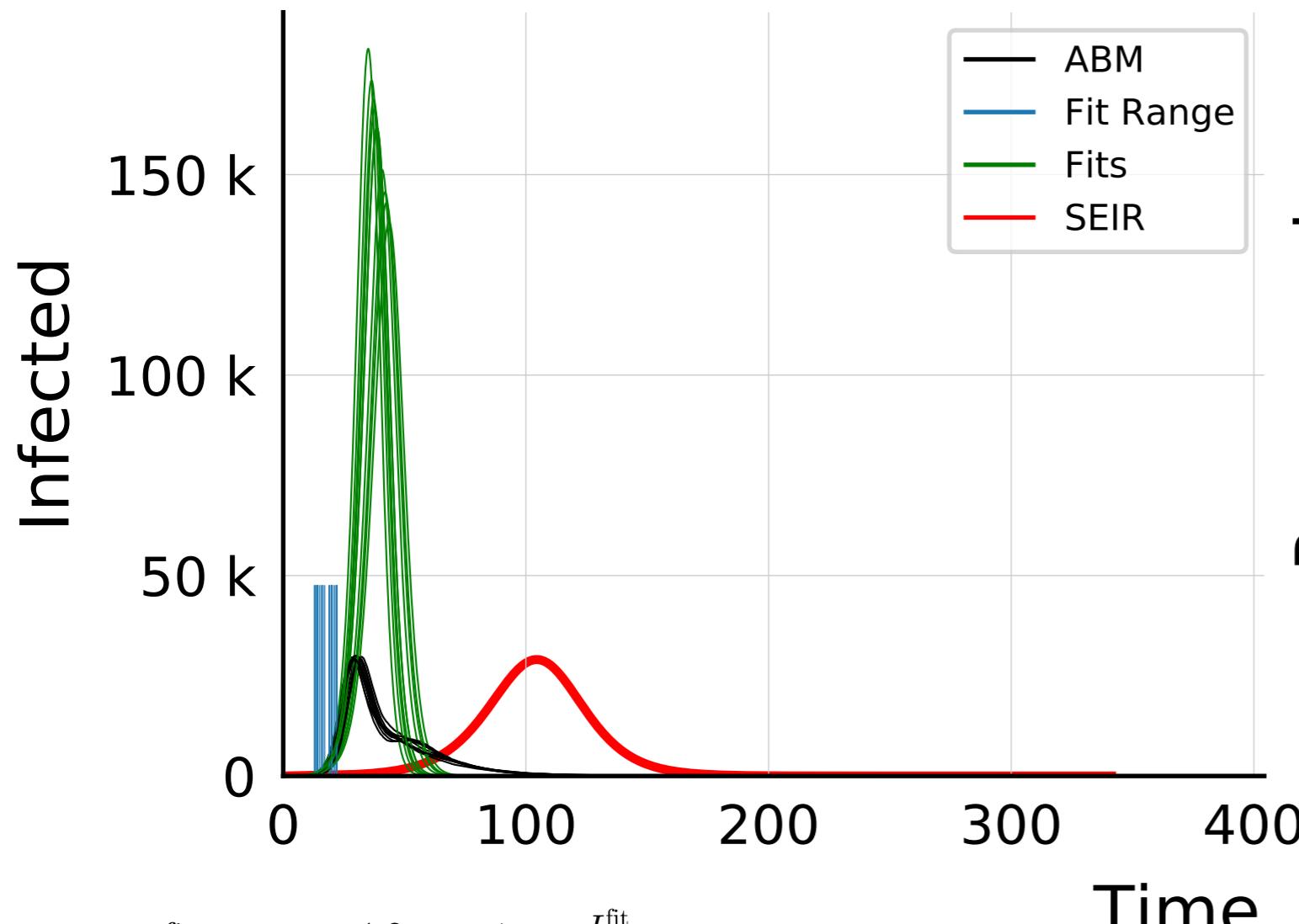


$$R_{\infty}^{\text{fit}} = 574_{-4}^{+2} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\text{inf}}^{\text{fit}}} = 3.246 \pm 0.0070$$

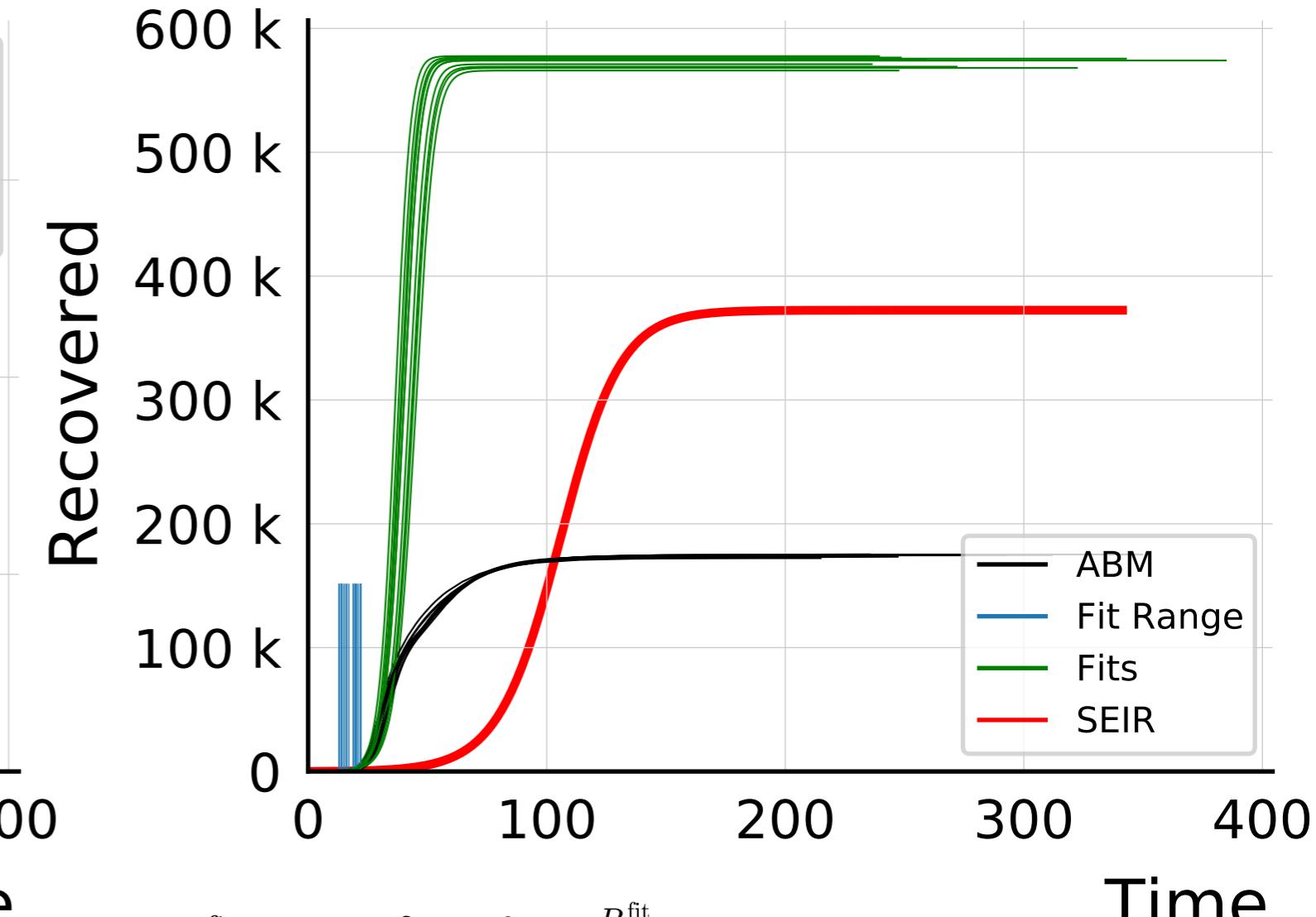
$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.005$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 100$, $\rho = 0.5$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

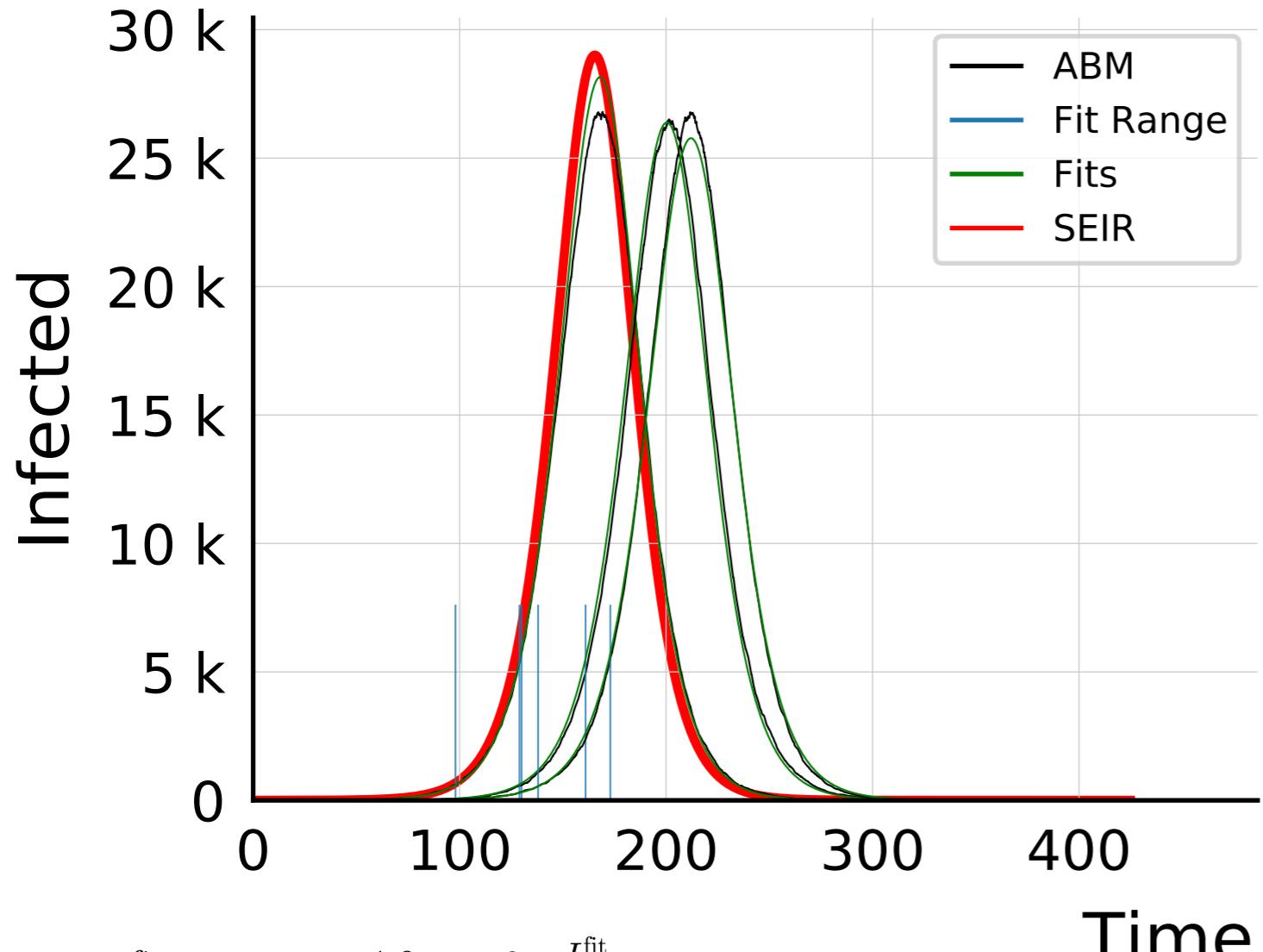


$$I_{\max}^{\text{fit}} = 16_{-1.9}^{+1.2} \cdot 10^4 \quad \frac{I_{\max}^{\text{fit}}}{I_{\max}^{\text{ABM}}} = 5.4 \pm 0.15$$

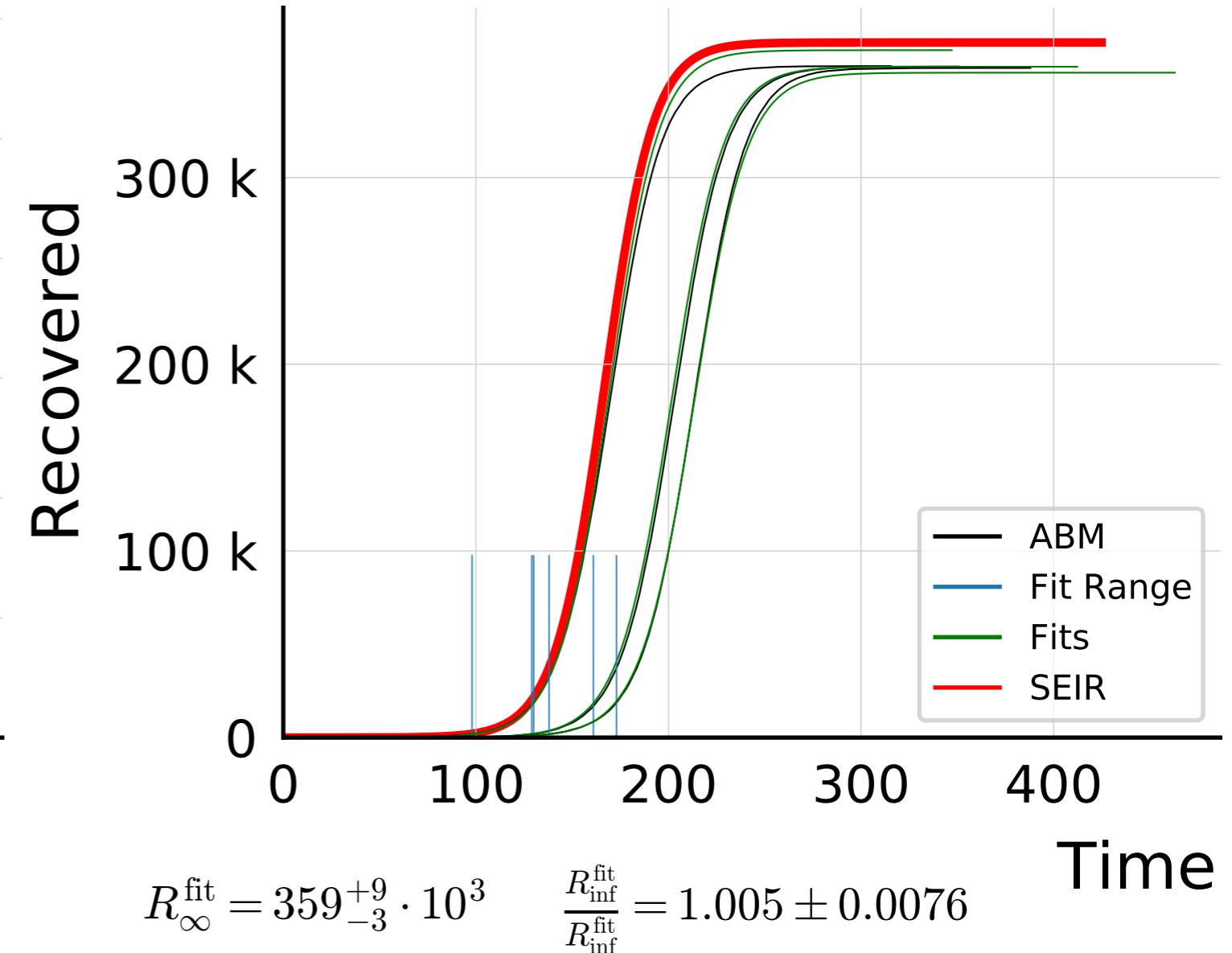


$$R_{\infty}^{\text{fit}} = 574_{-6}^{+2} \cdot 10^3 \quad \frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{inf}}} = 3.286 \pm 0.0073$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 1$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #3

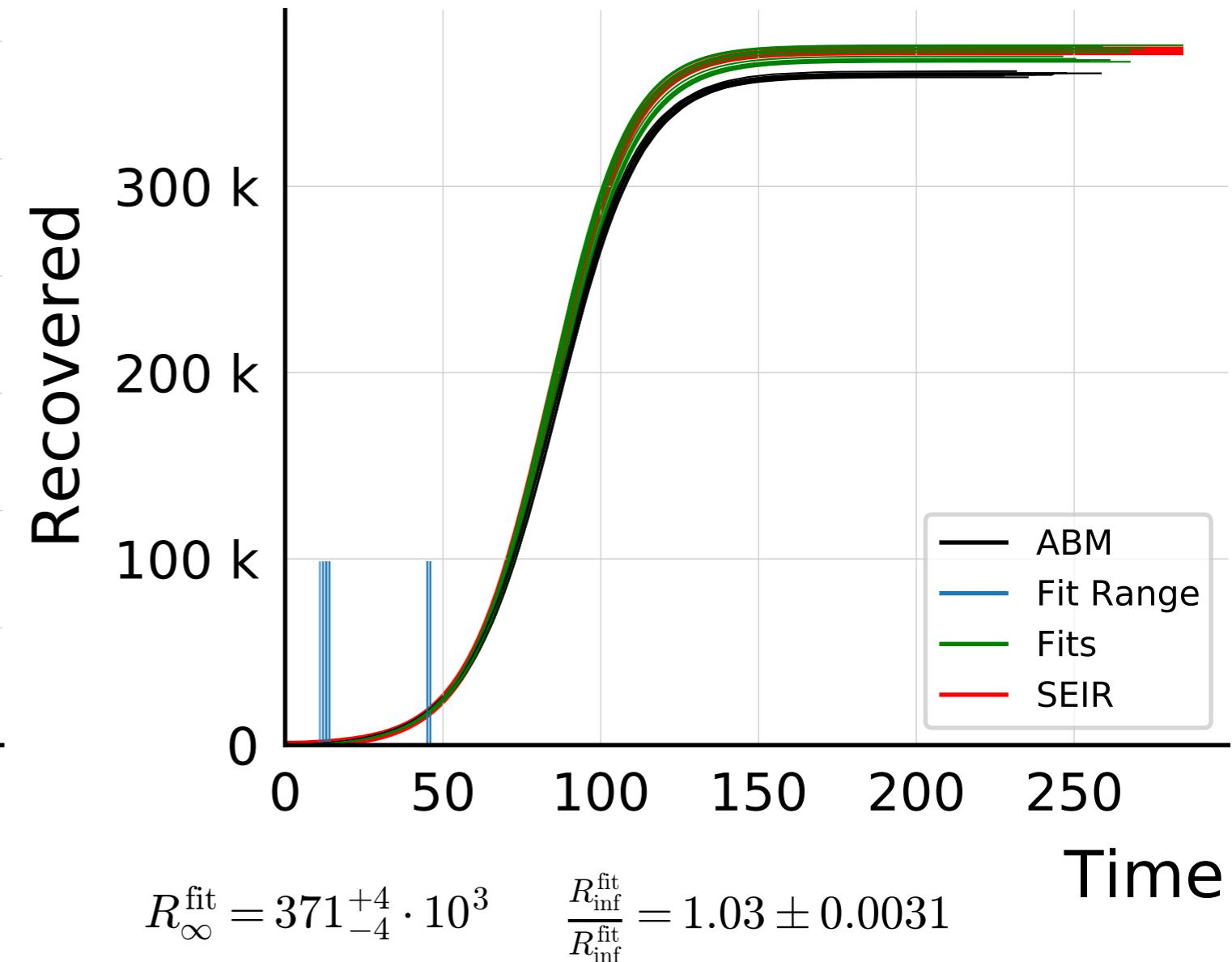
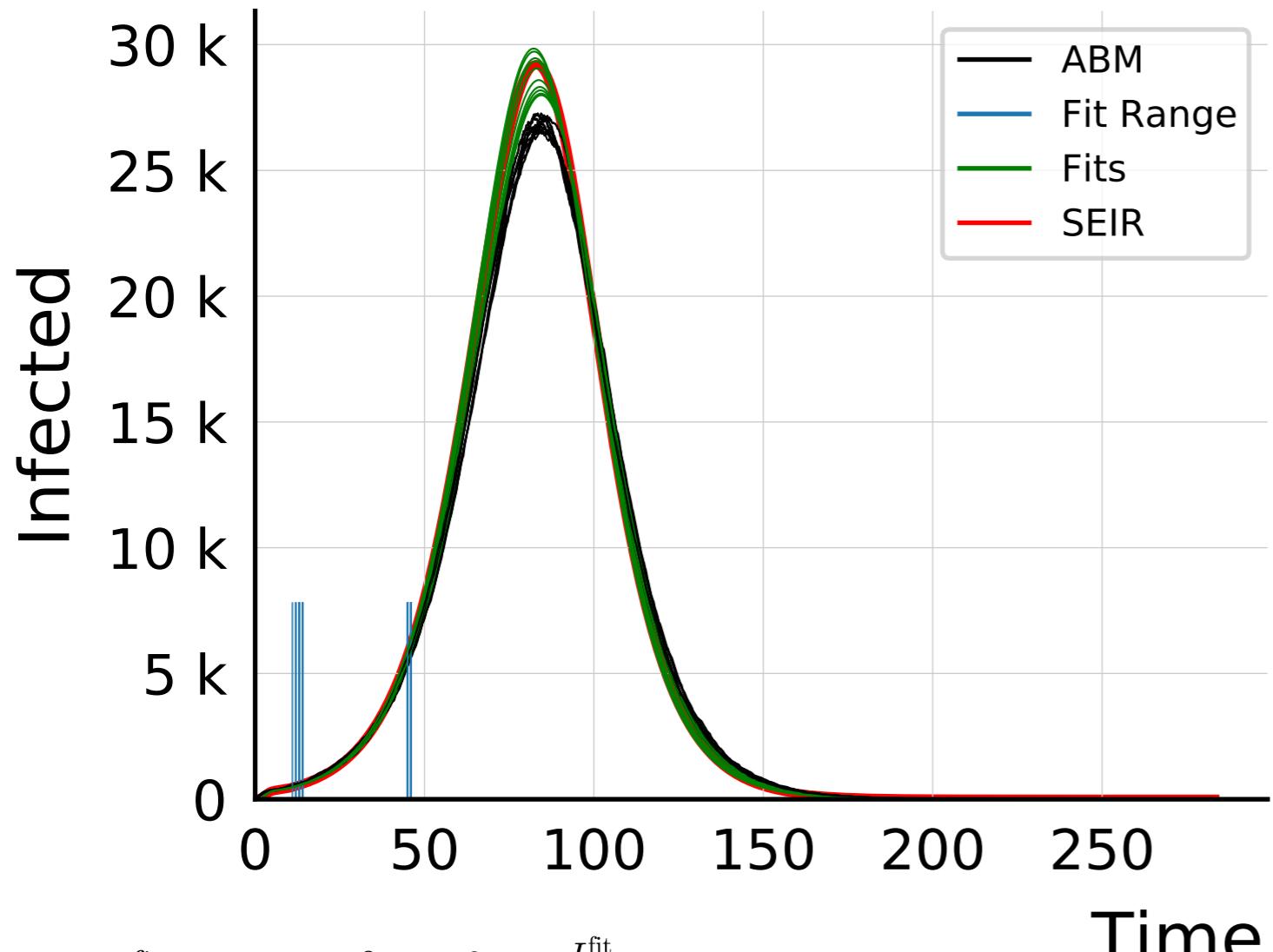


$$I_{\text{max}}^{\text{fit}} = 26.4_{-0.6}^{+1.8} \cdot 10^3 \quad \frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 1 \pm 0.021$$

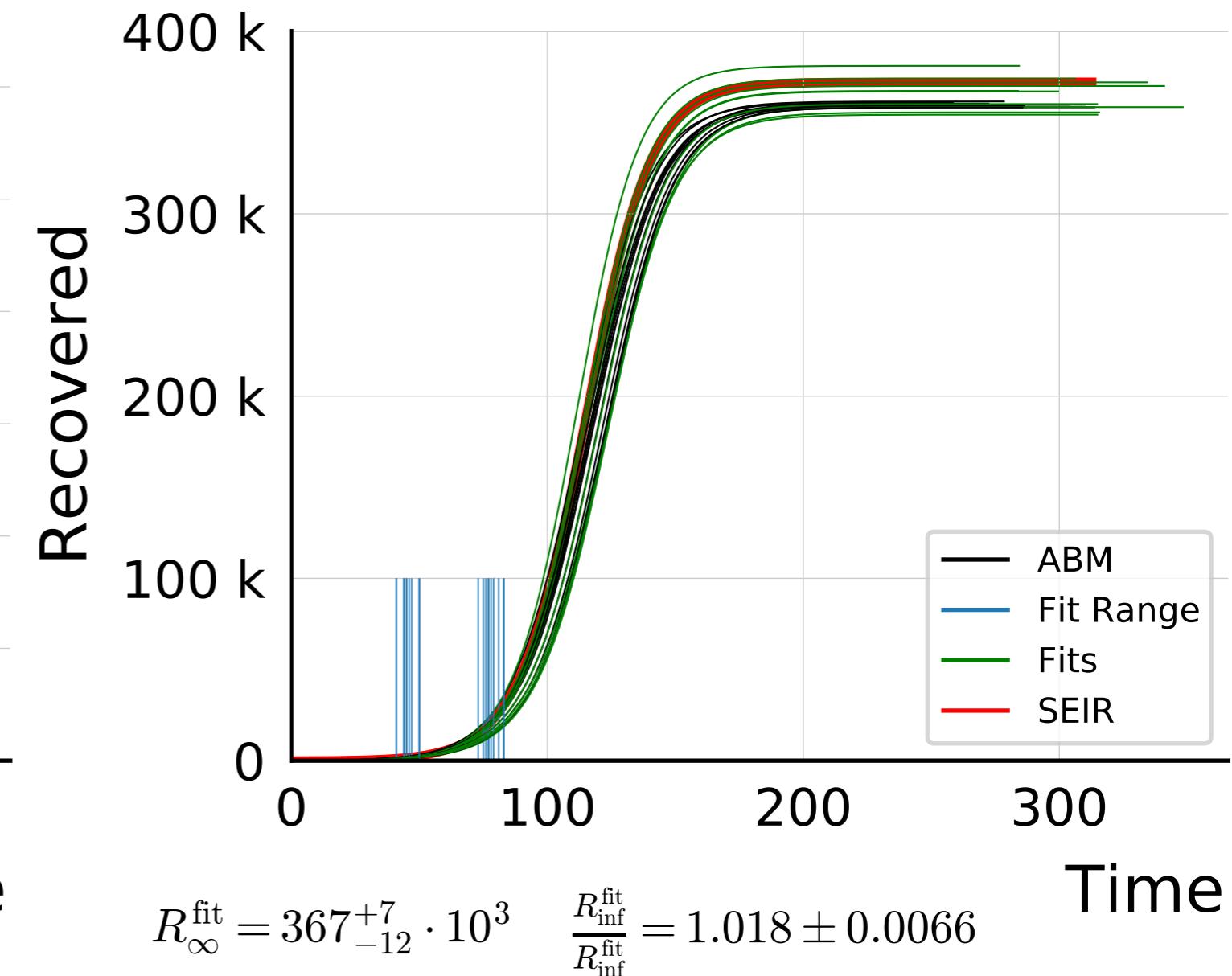
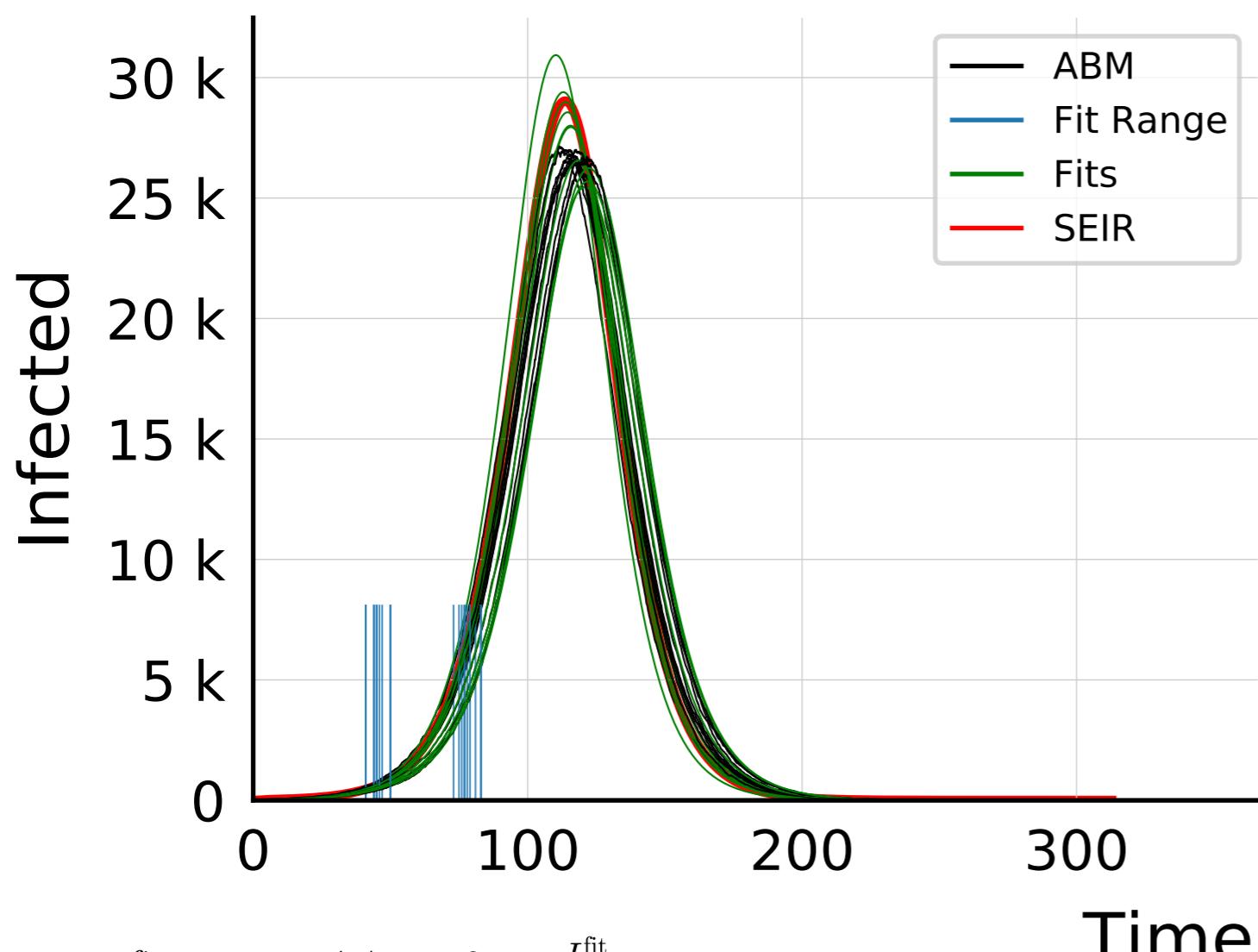


$$R_{\infty}^{\text{fit}} = 359_{-3}^{+9} \cdot 10^3 \quad \frac{R_{\text{inf}}^{\text{fit}}}{R_{\text{inf}}} = 1.005 \pm 0.0076$$

$N_{\text{tot}} = 580K$, $N_{\text{init}} = 500$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 50$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10



$N_{\text{tot}} = 580K$, $N_{\text{init}} = 5$, $\rho = 0.0$, $\epsilon_\rho = 0.04$, $\mu = 40.0$, $\sigma_\mu = 0.0$, $\beta = 0.01$, $\sigma_\beta = 0.0$
 $\lambda_E = 1.0$, $\lambda_I = 1.0$, algo = 2, #10

