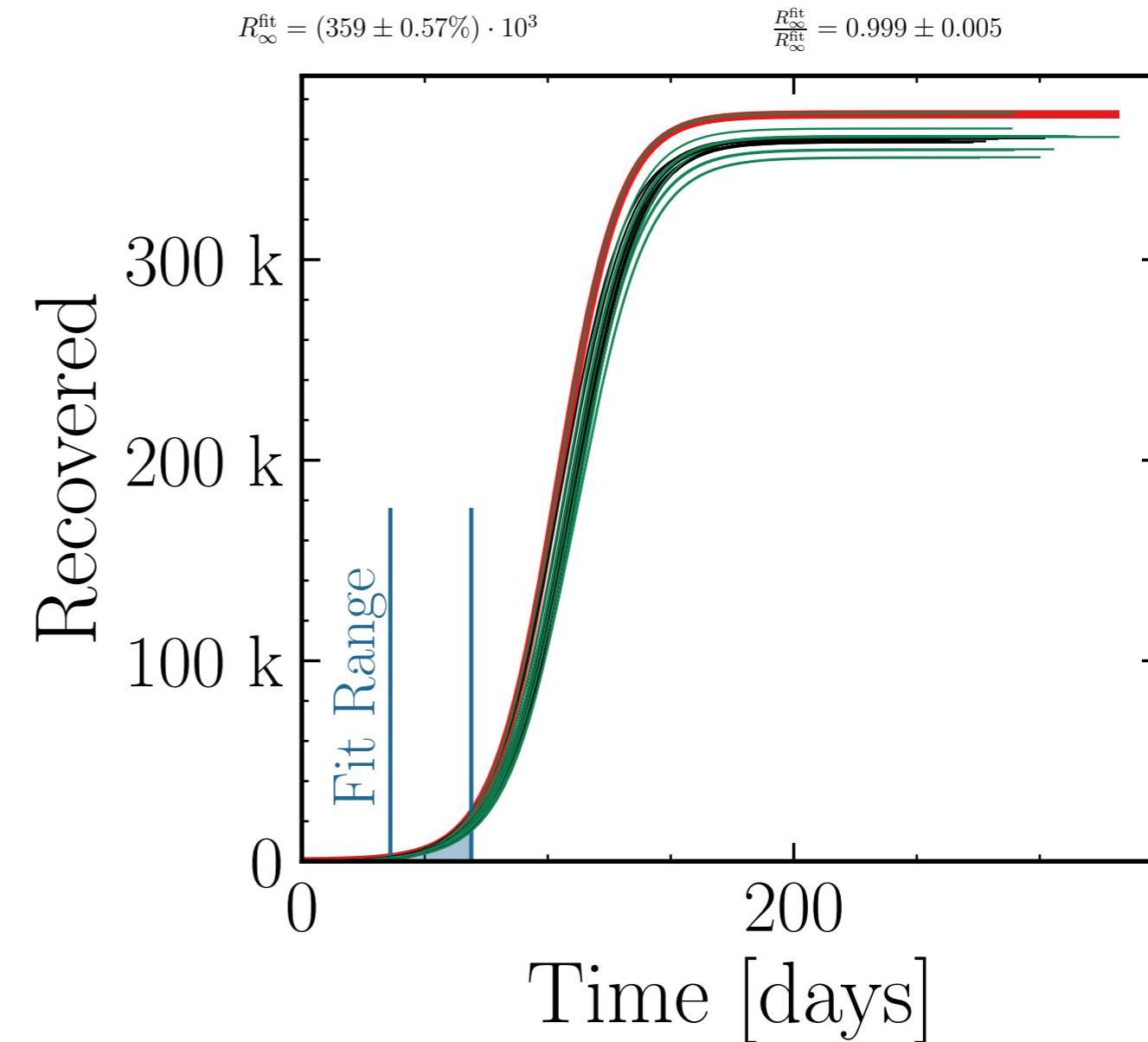
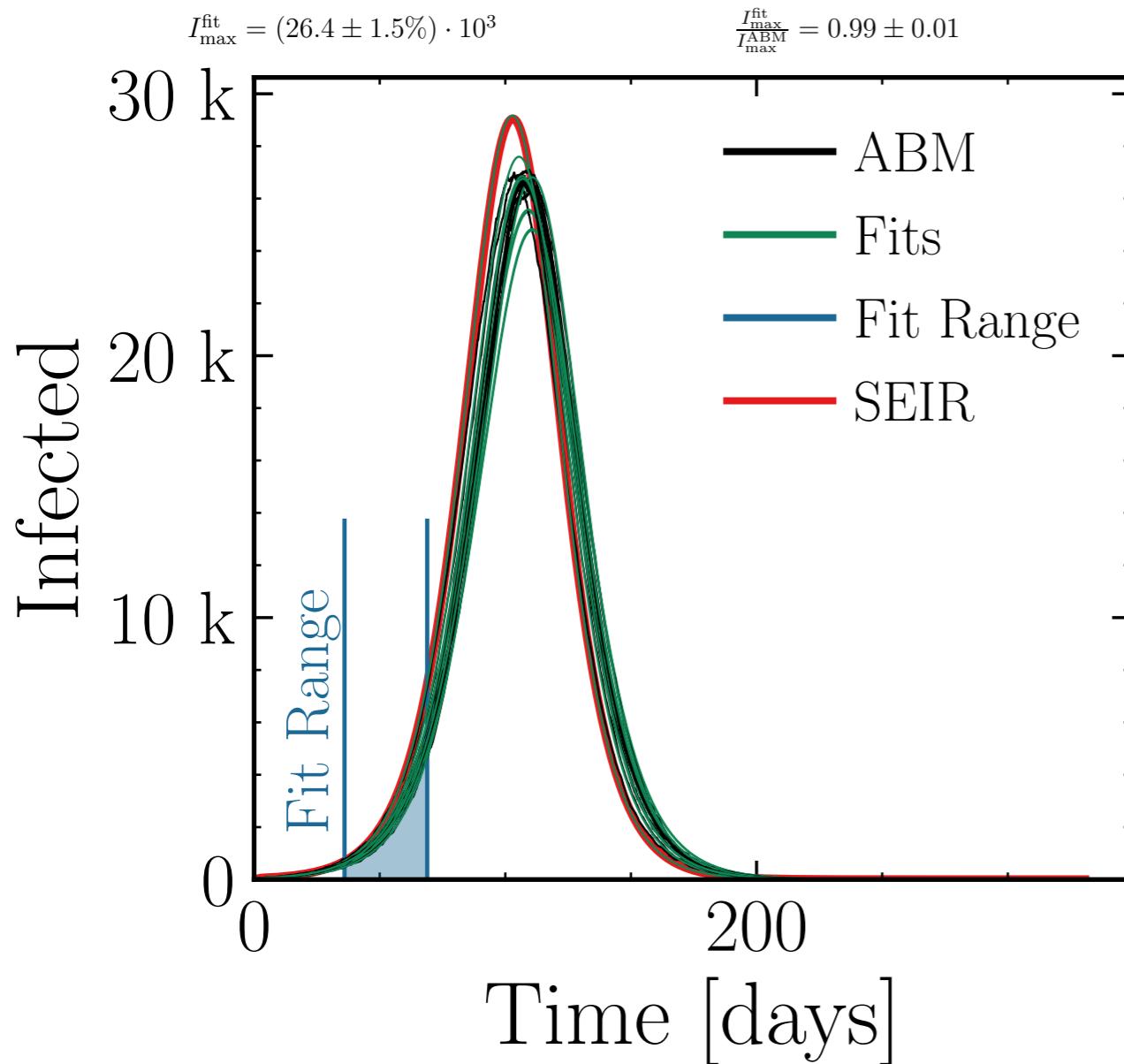
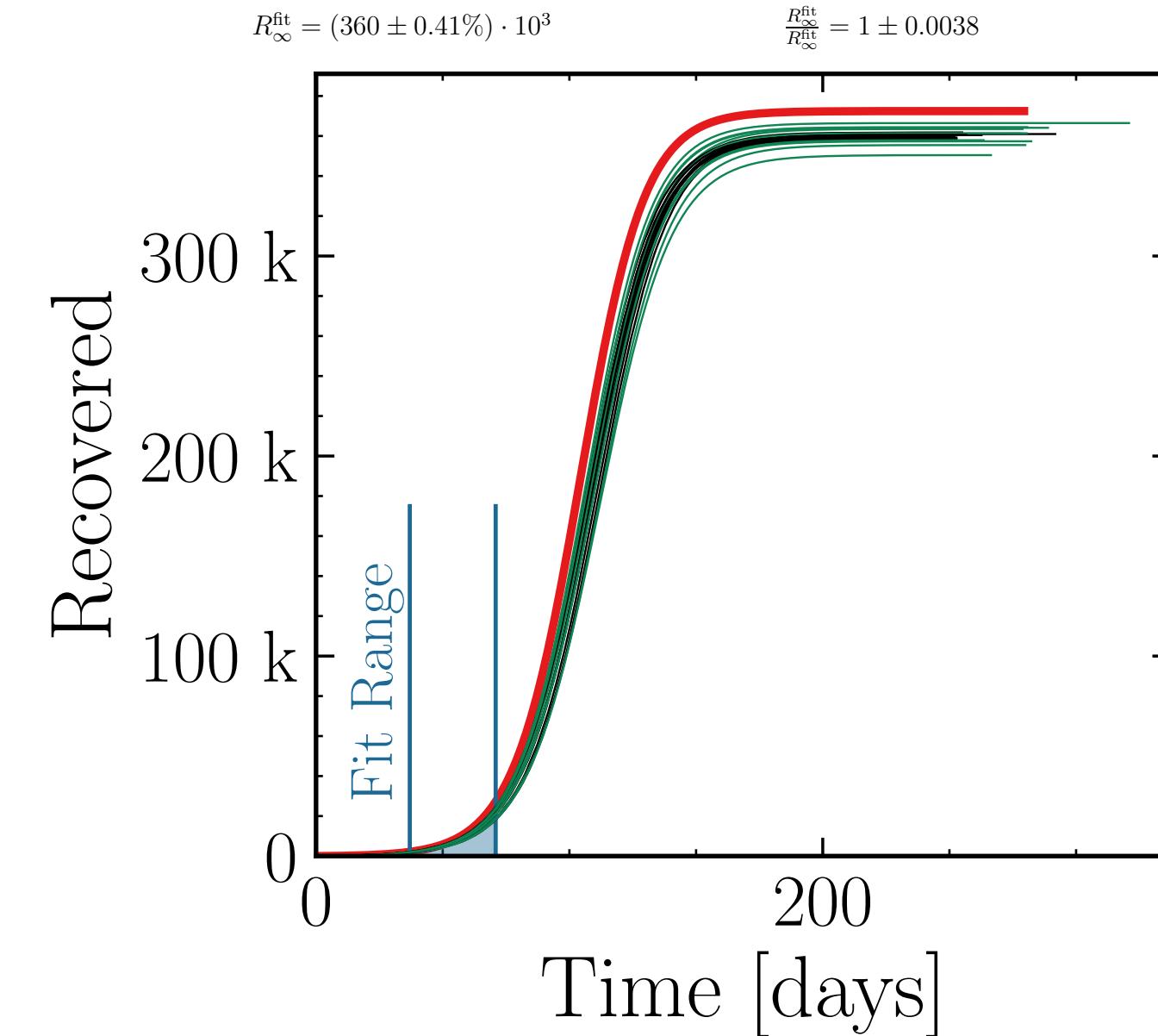
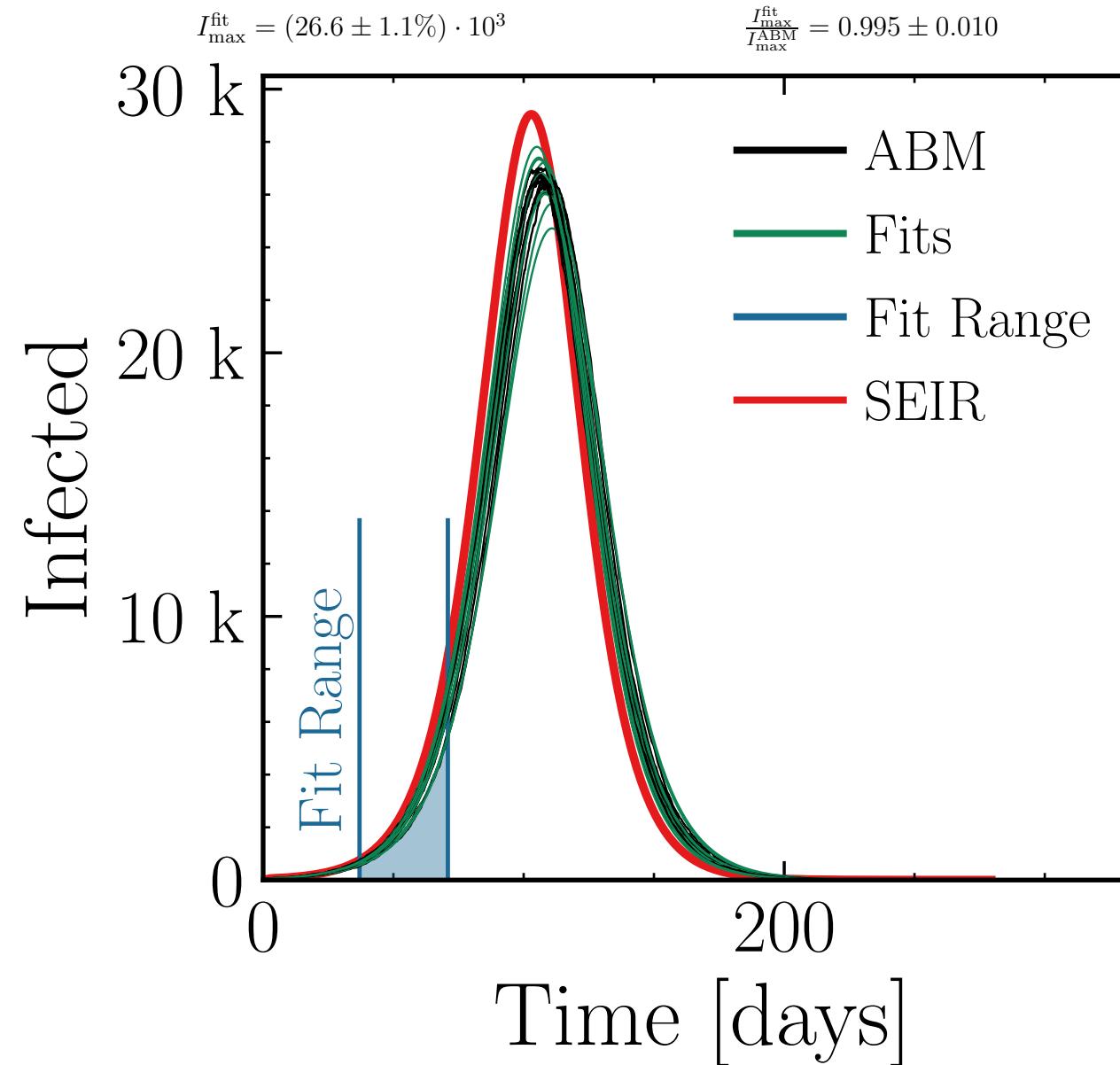


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 10, v. = 1.0, hash = a09255dfdc, #10

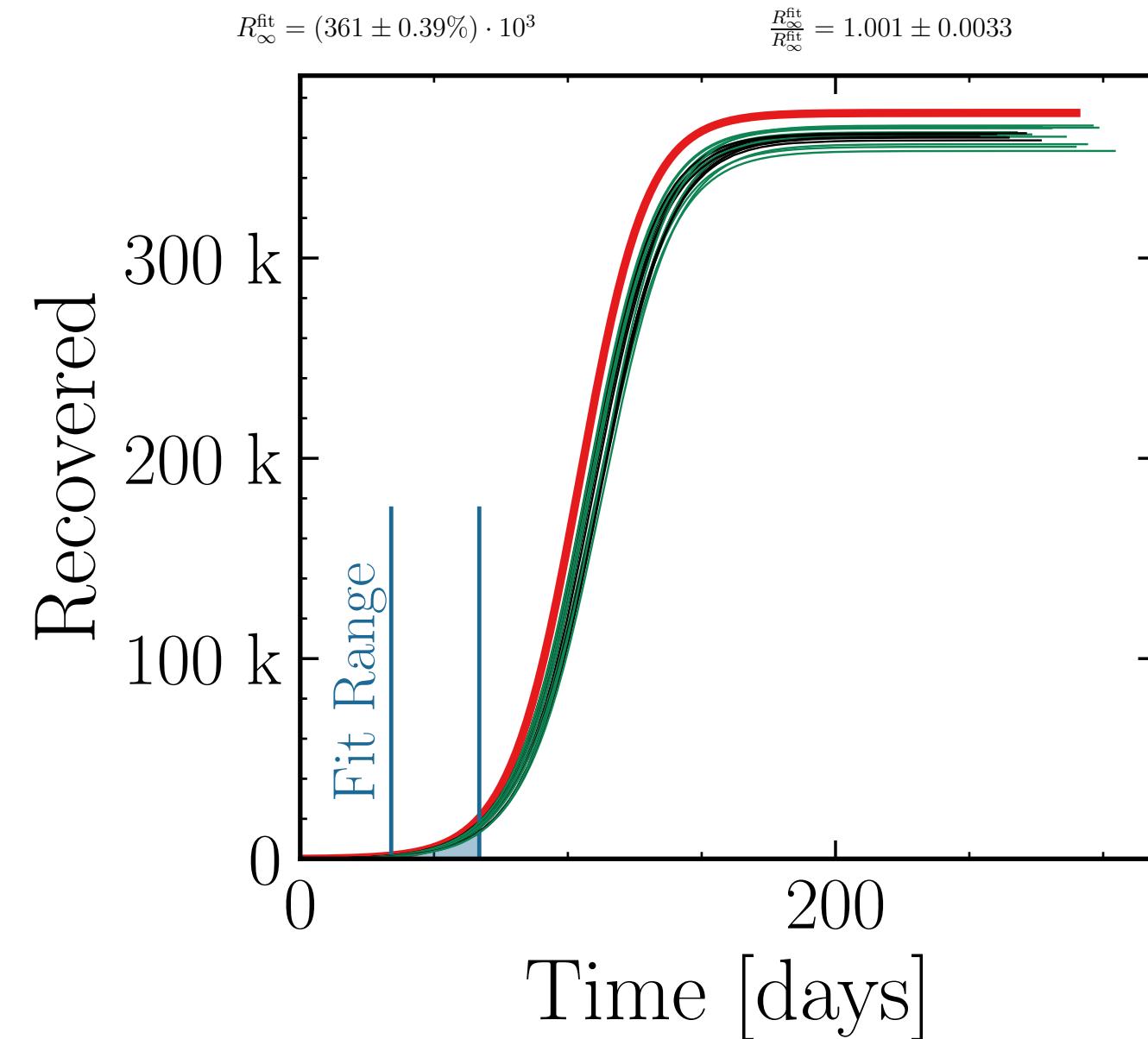
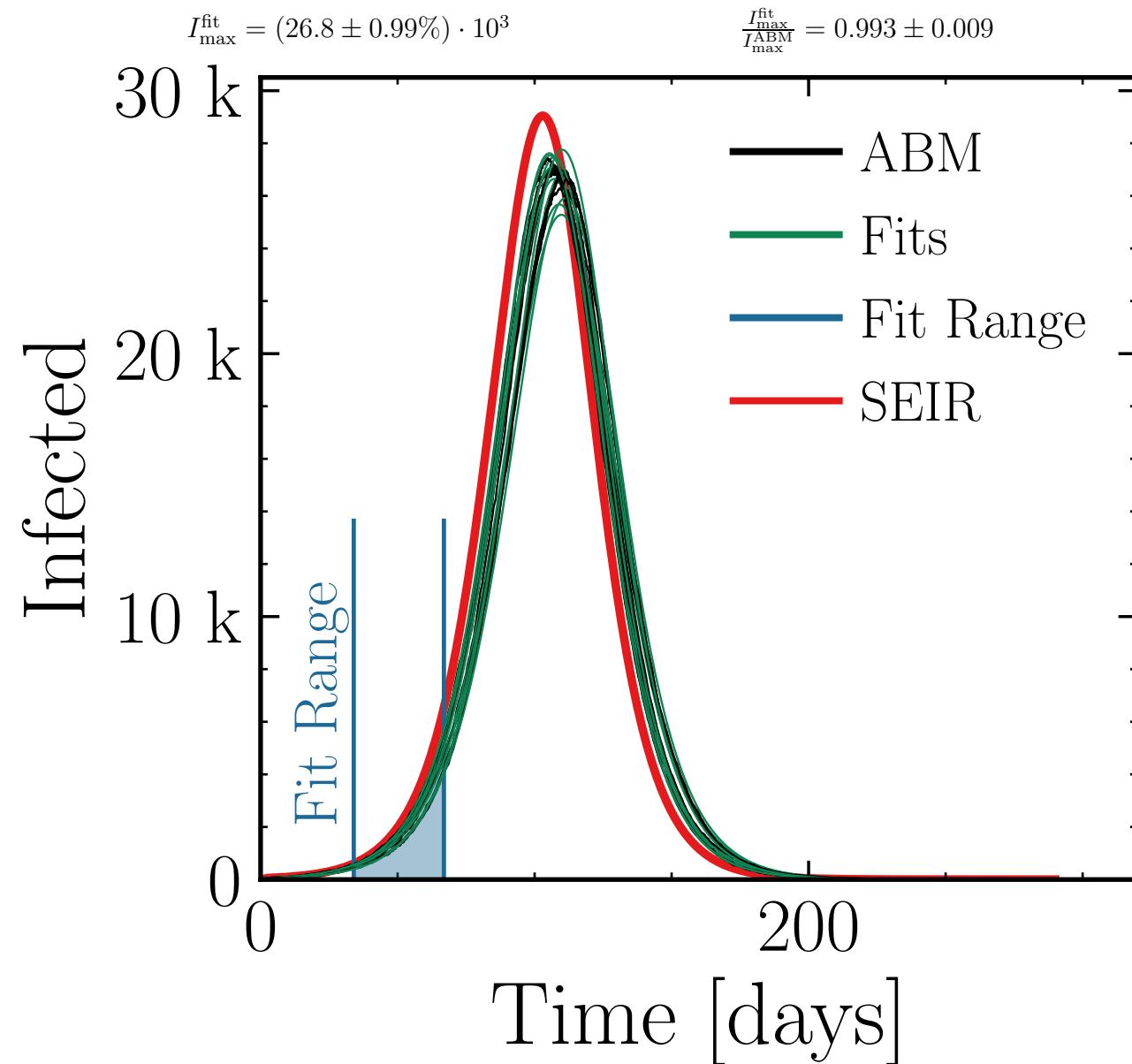


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 1, v. = 1.0, hash = 9ffe6e664e, #10

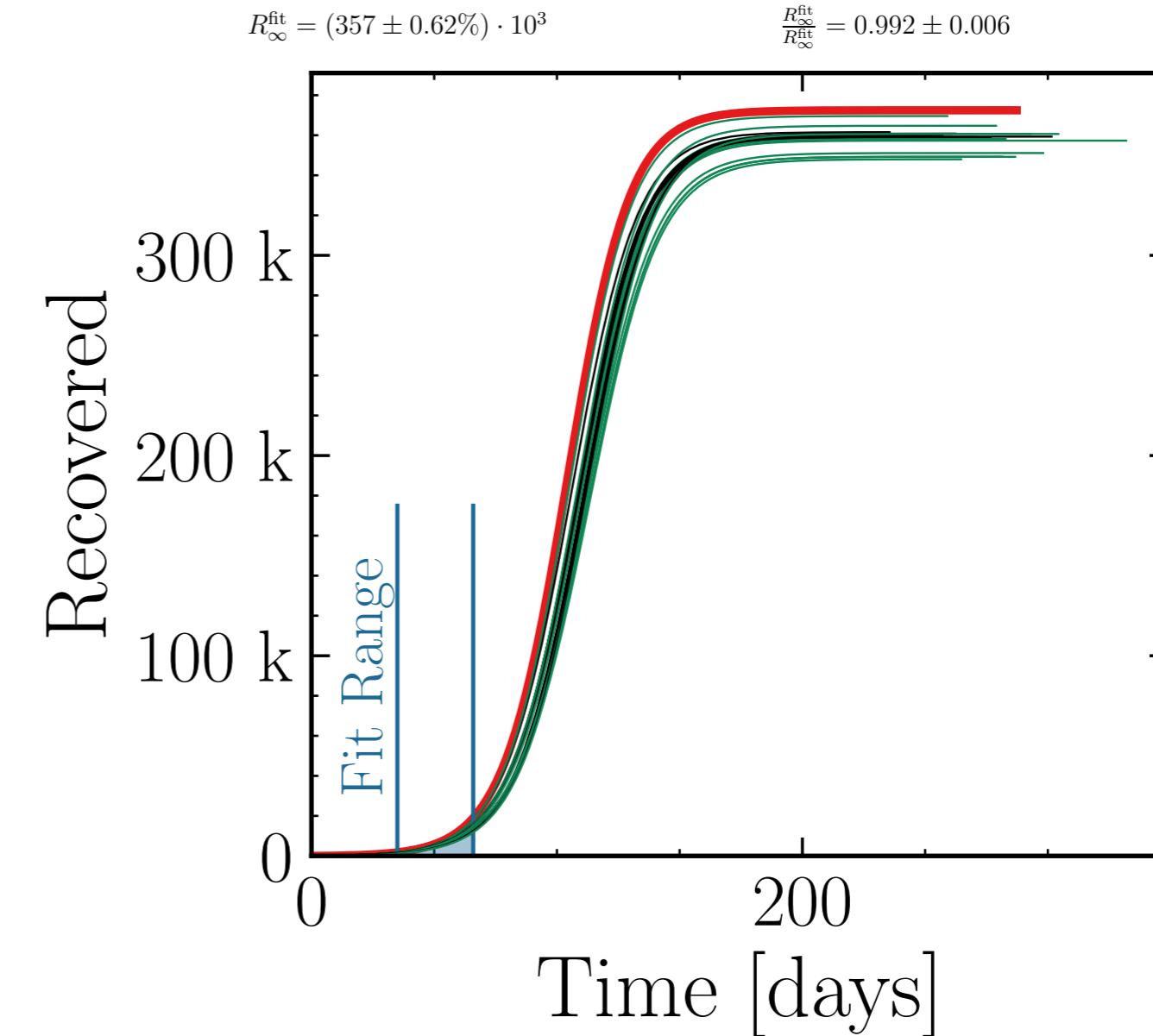
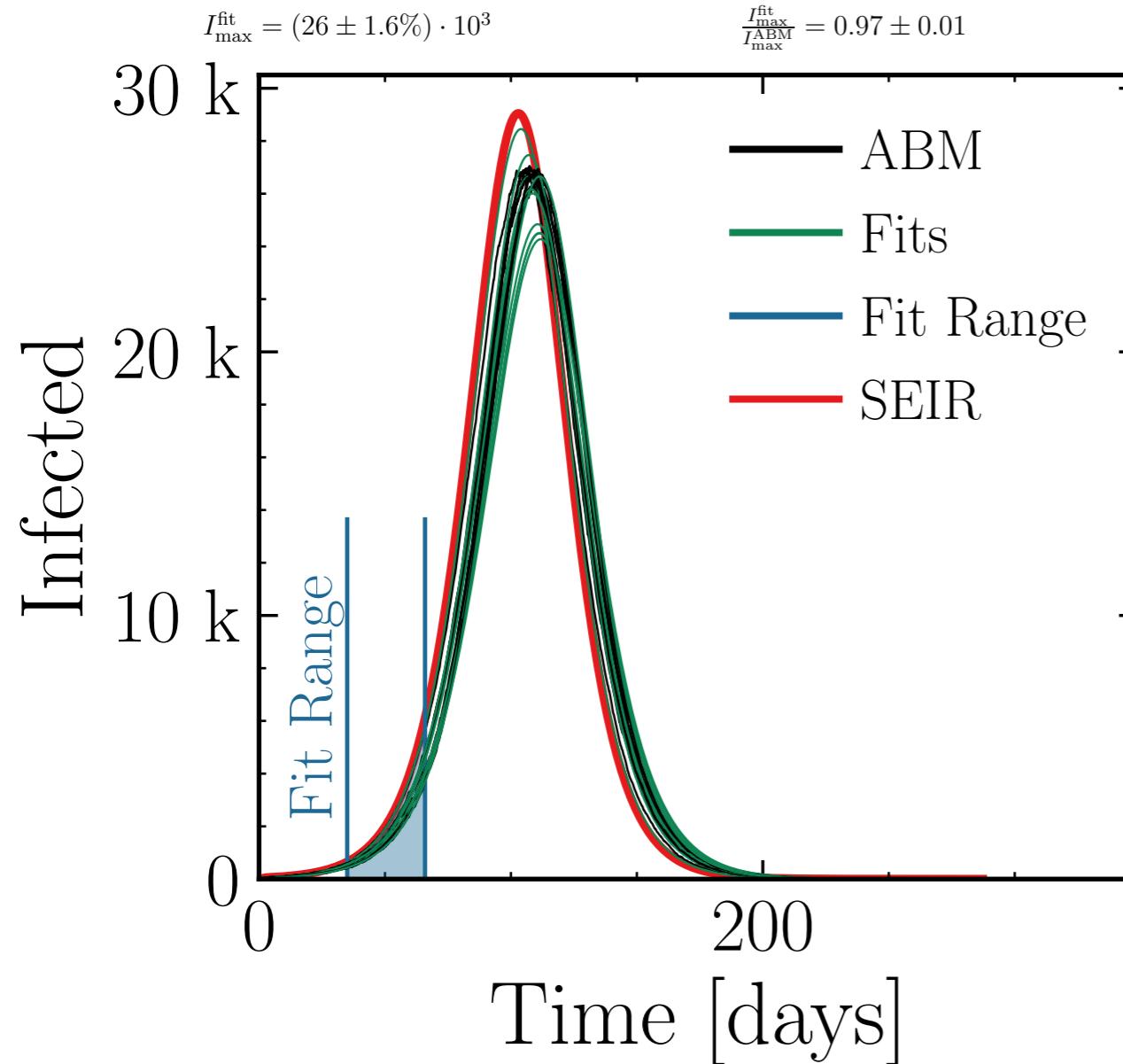


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

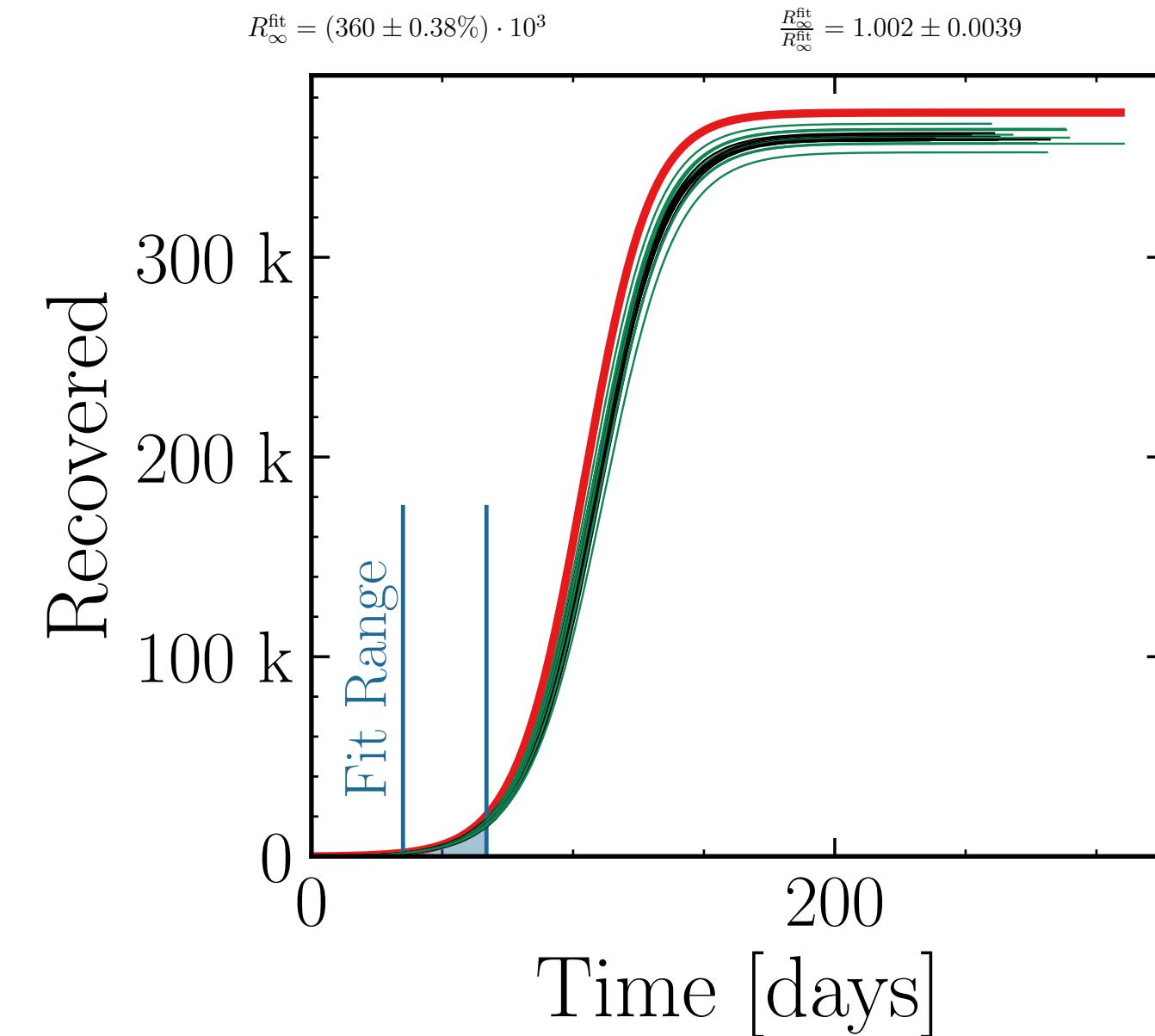
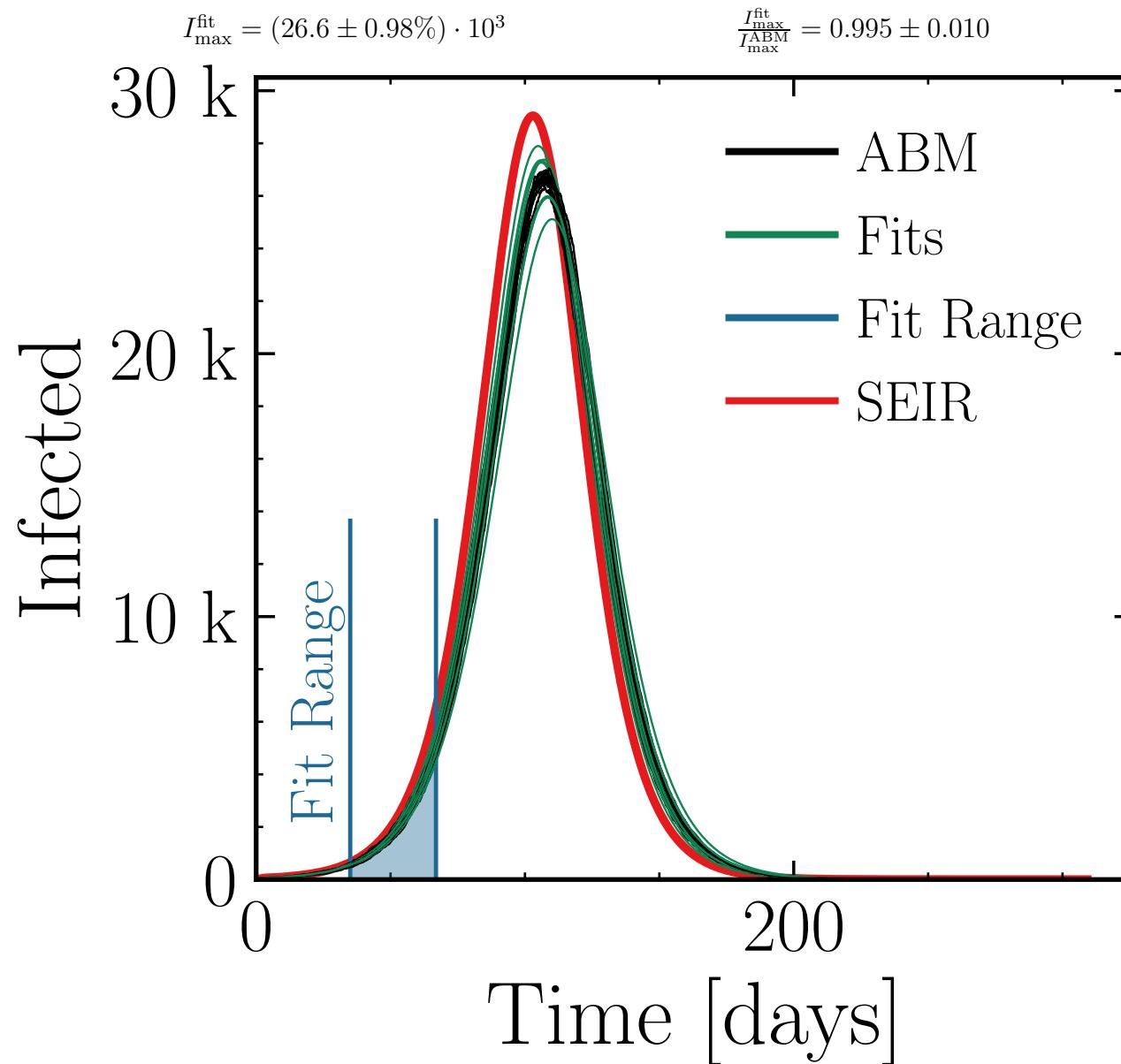
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 0, v. = 1.0, hash = 5c99526216, #10



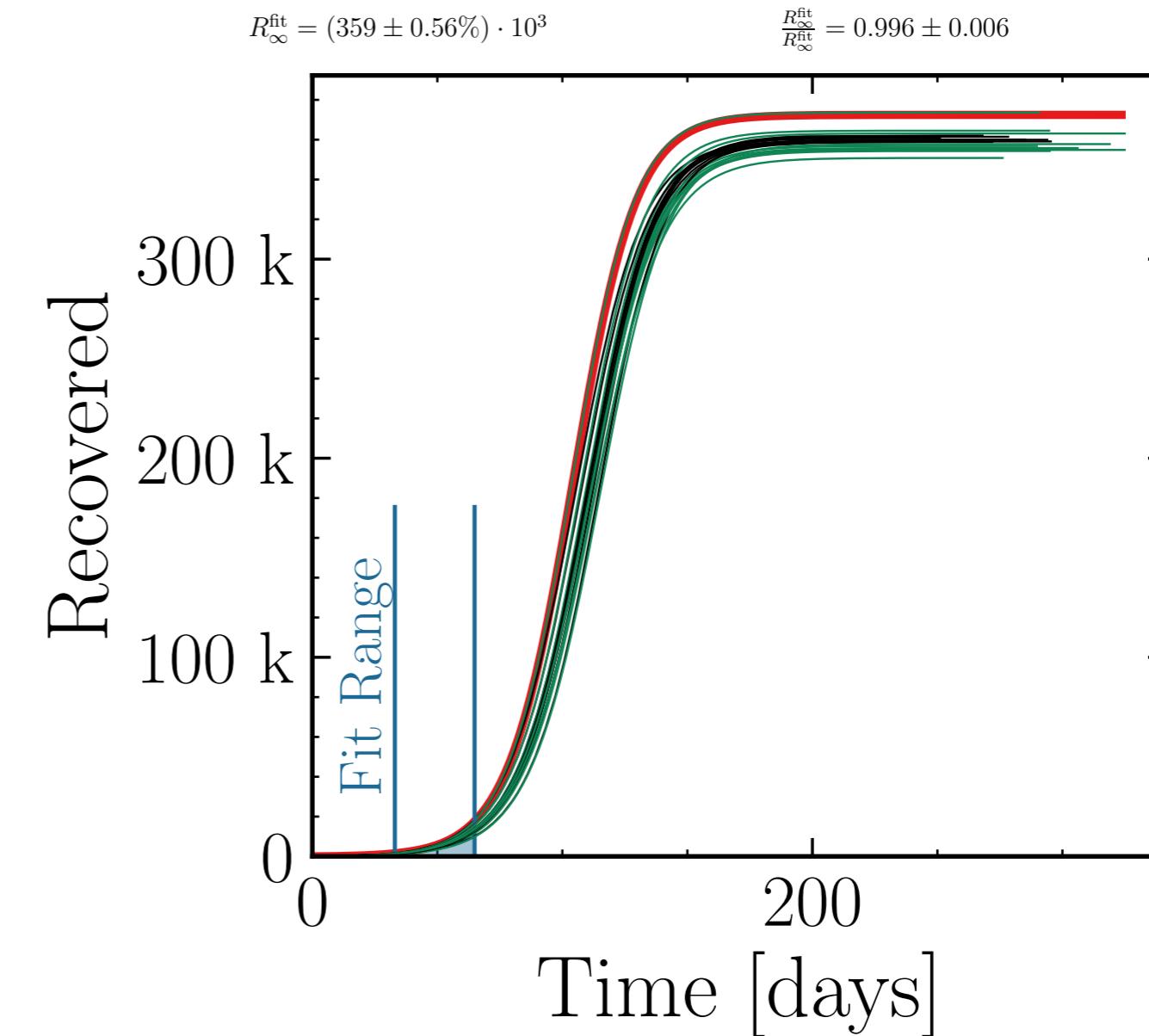
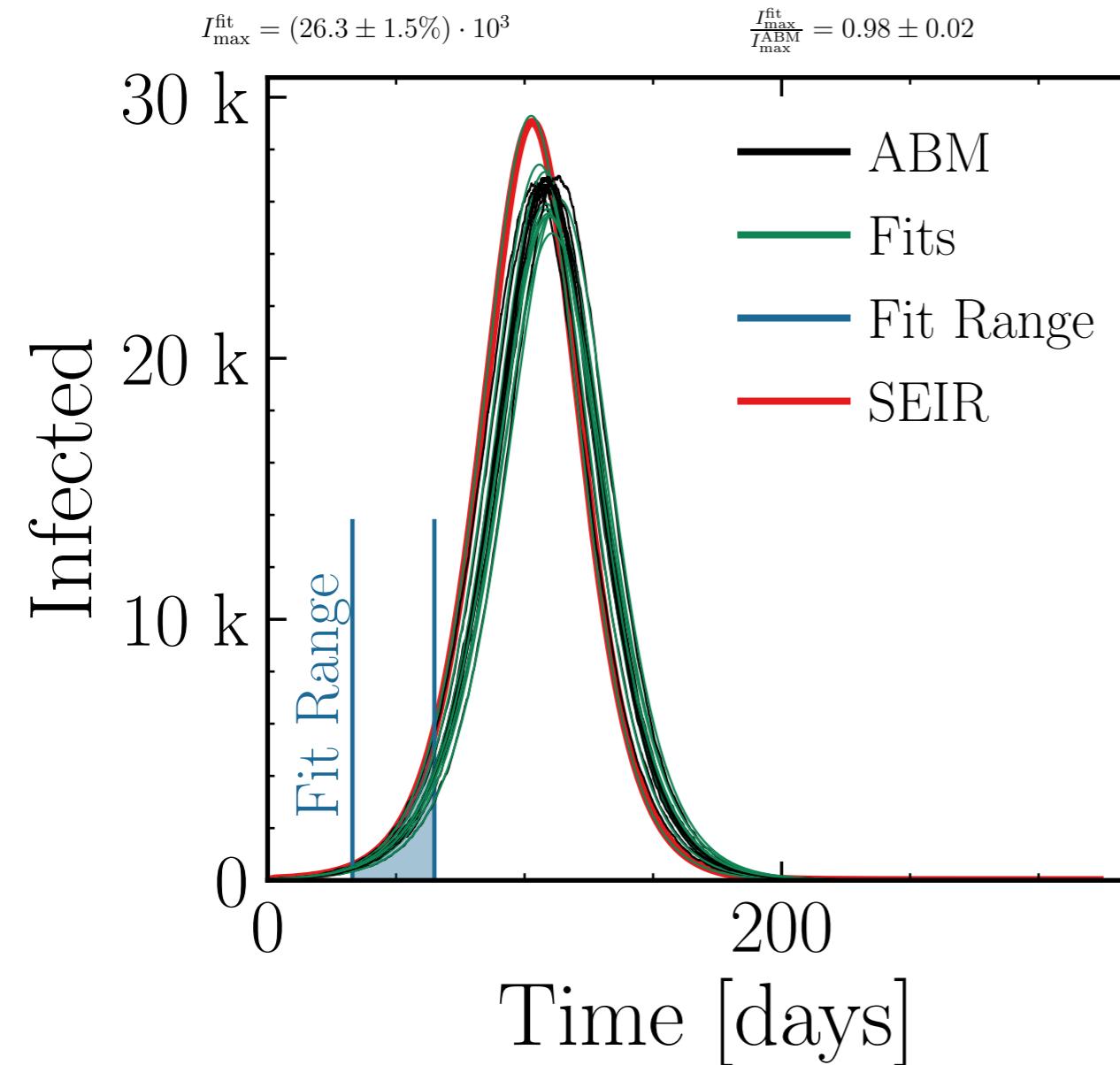
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 20, v. = 1.0, hash = 03ce485851, #10



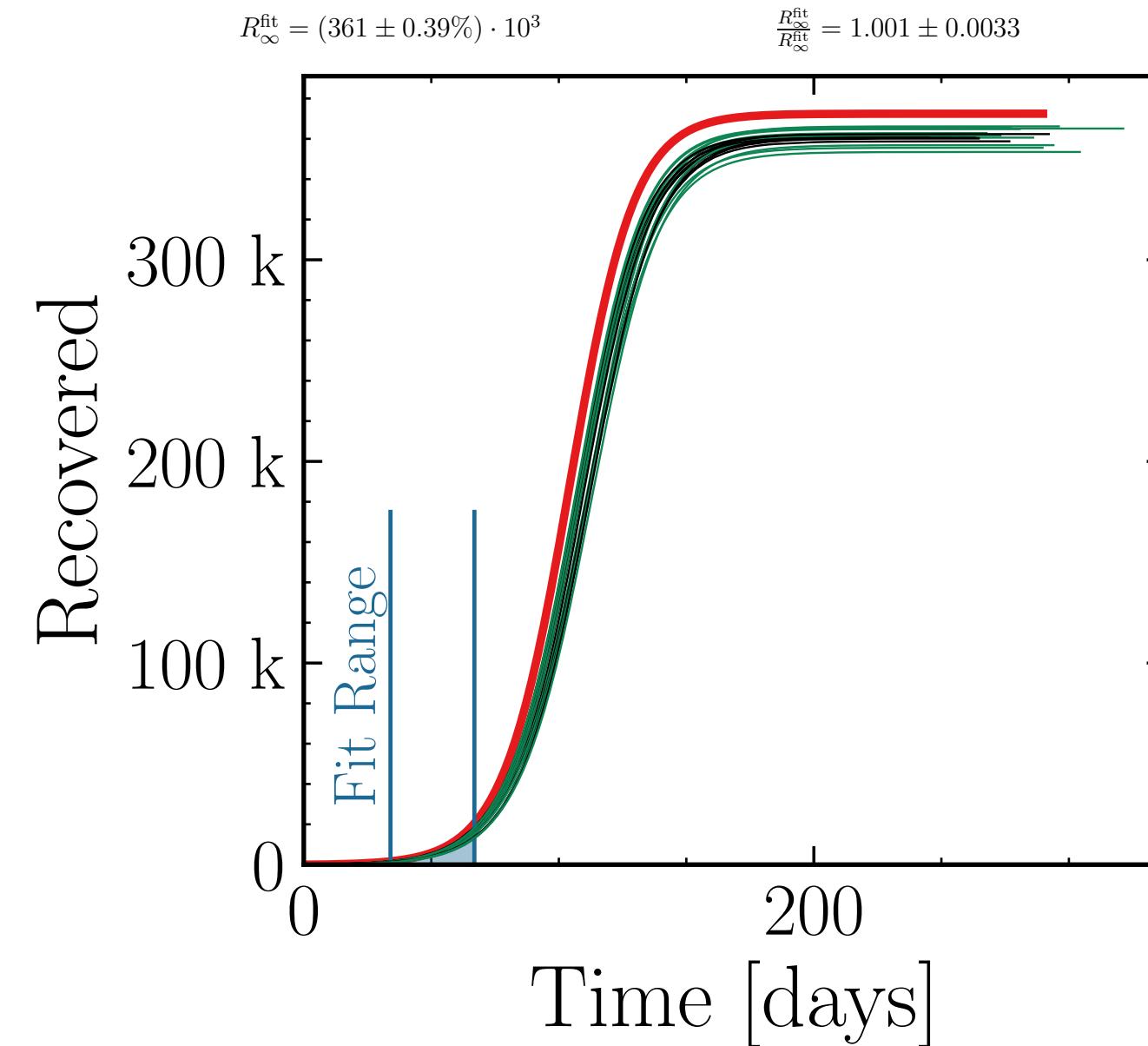
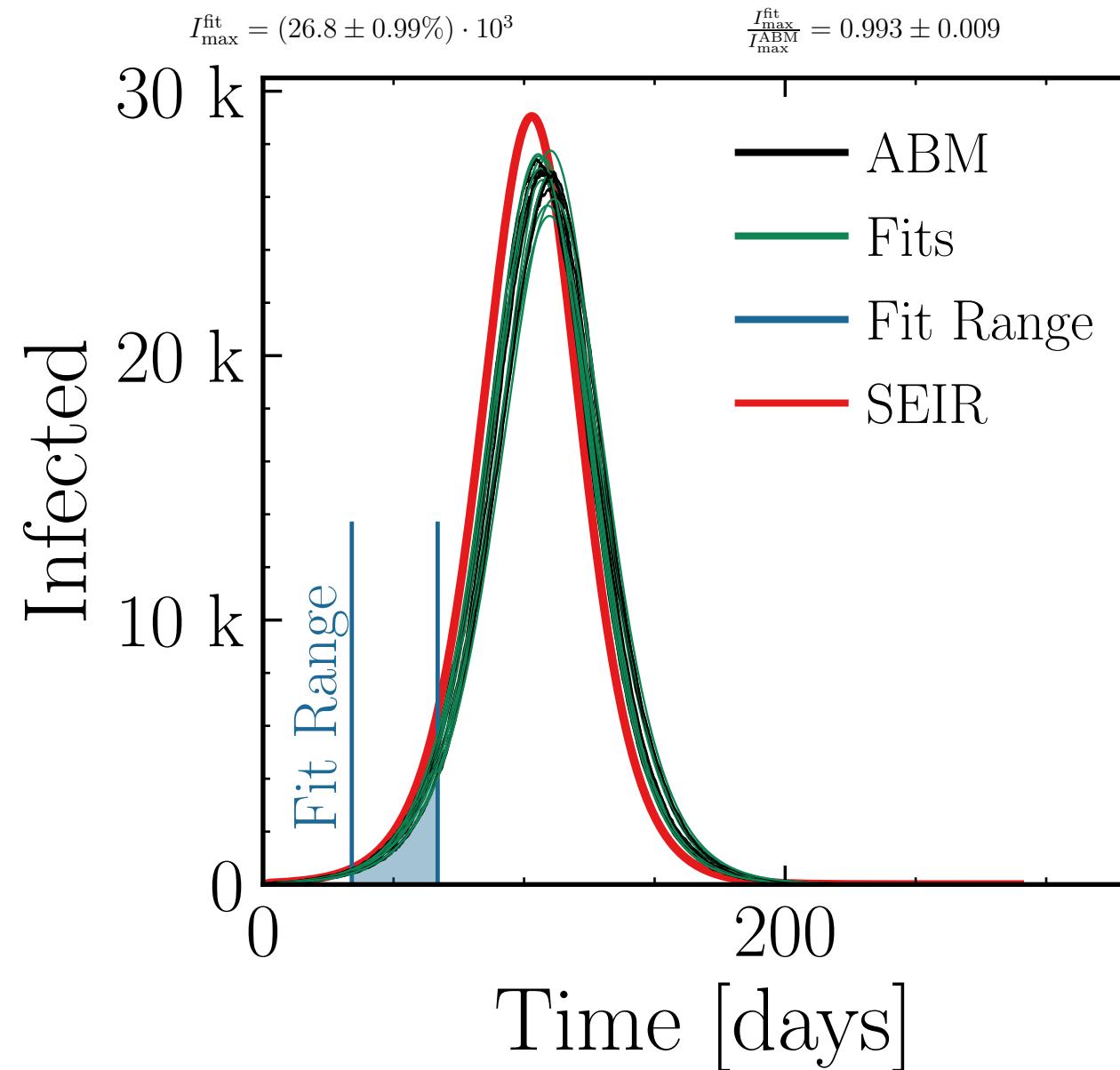
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 50, v. = 1.0, hash = a5ea308d32, #10



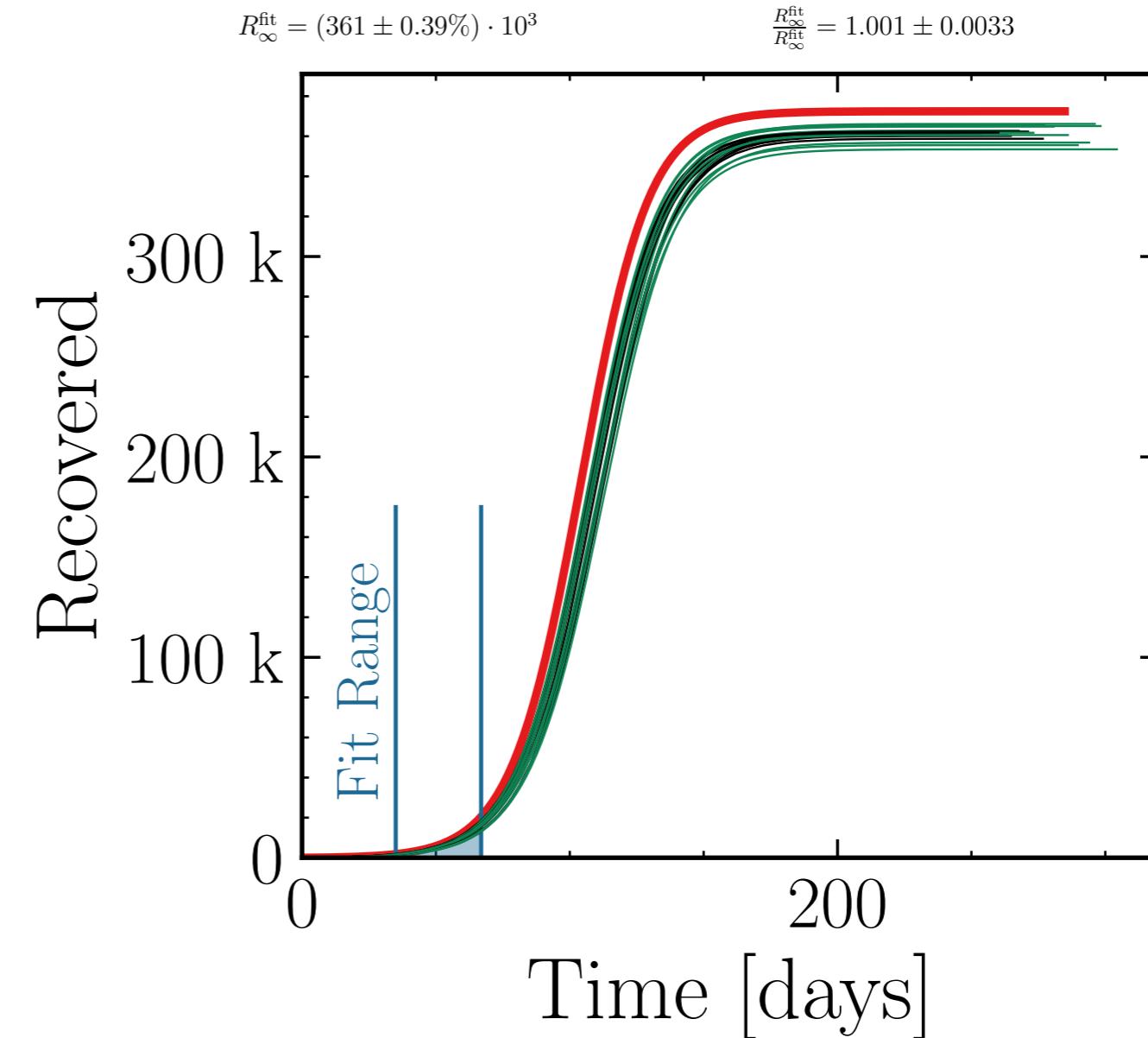
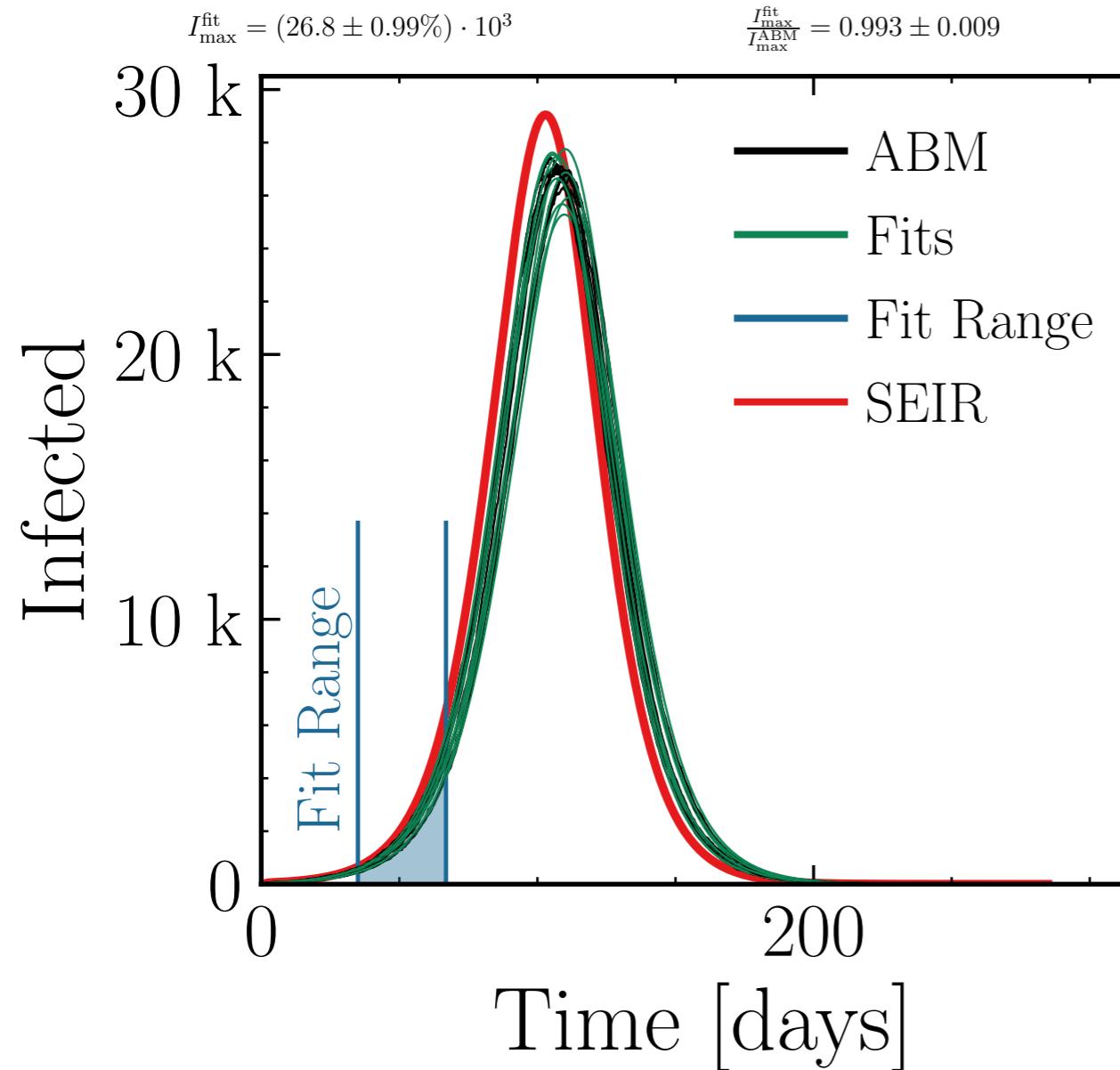
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 100, v. = 1.0, hash = 9ccdd28ade, #10



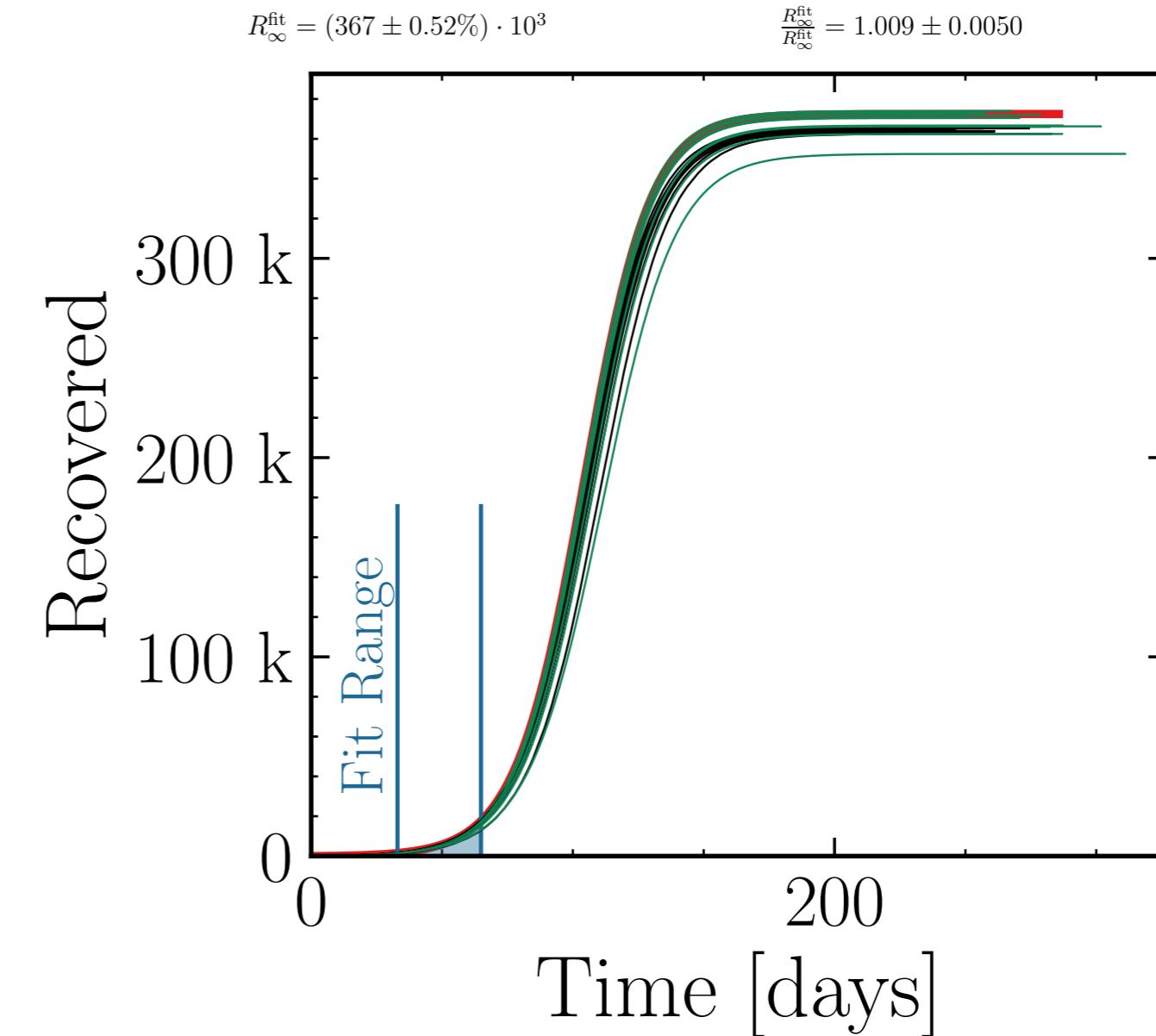
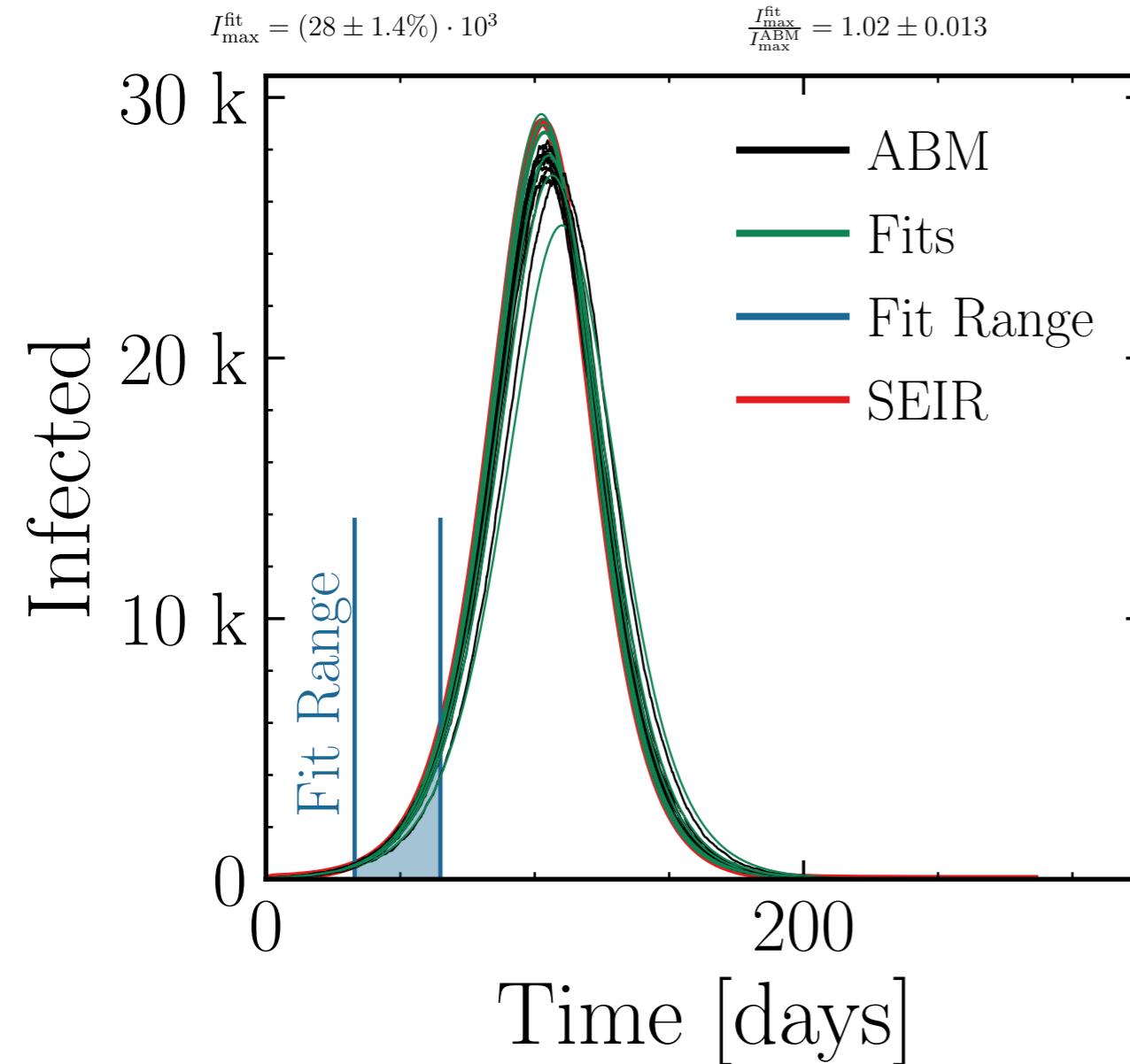
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 500, v. = 1.0, hash = 7274ac6030, #10



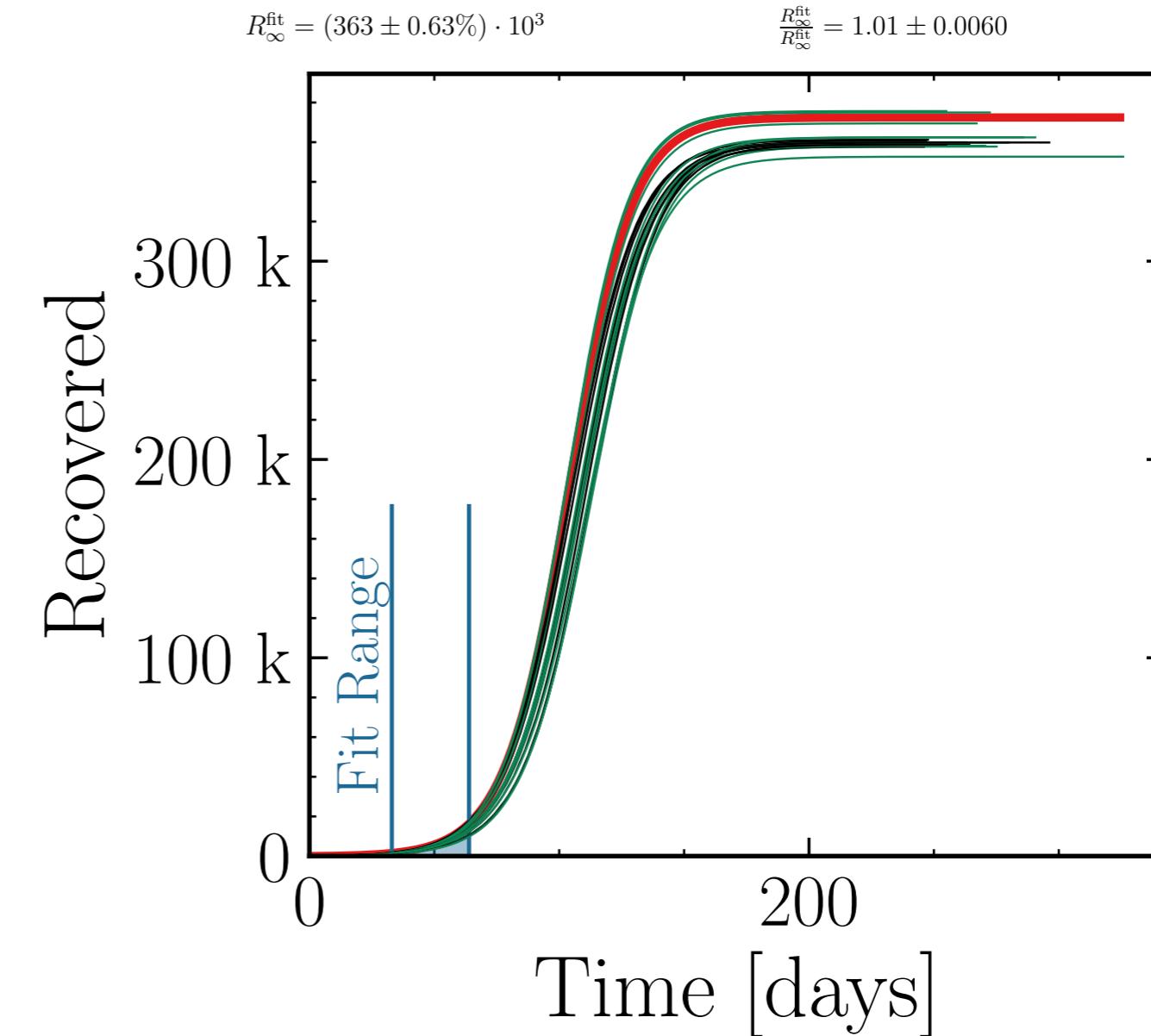
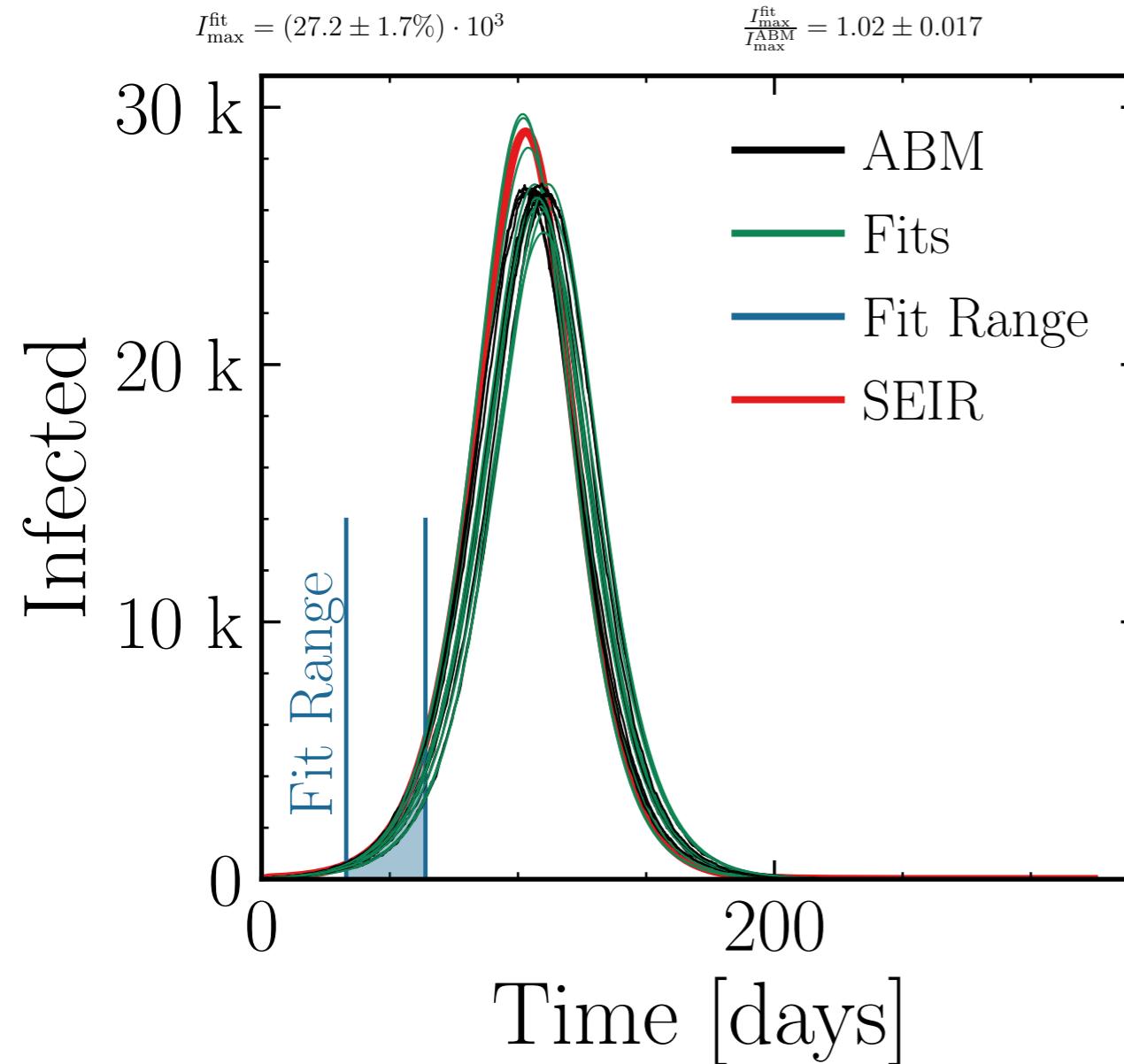
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1$ , event<sub>size<sub>max</sub></sub> = 1K, v. = 1.0, hash = e191d7b667, #10



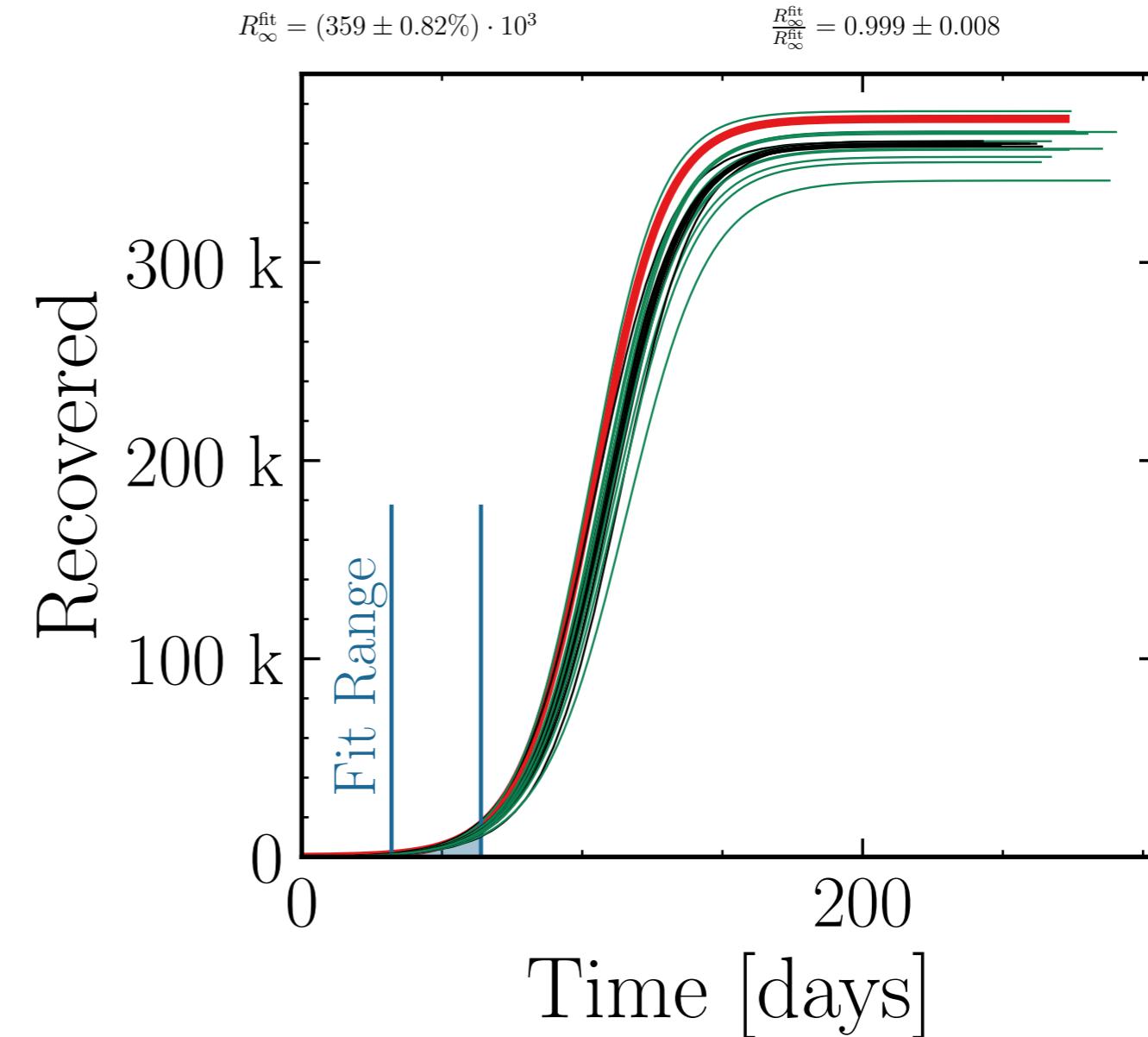
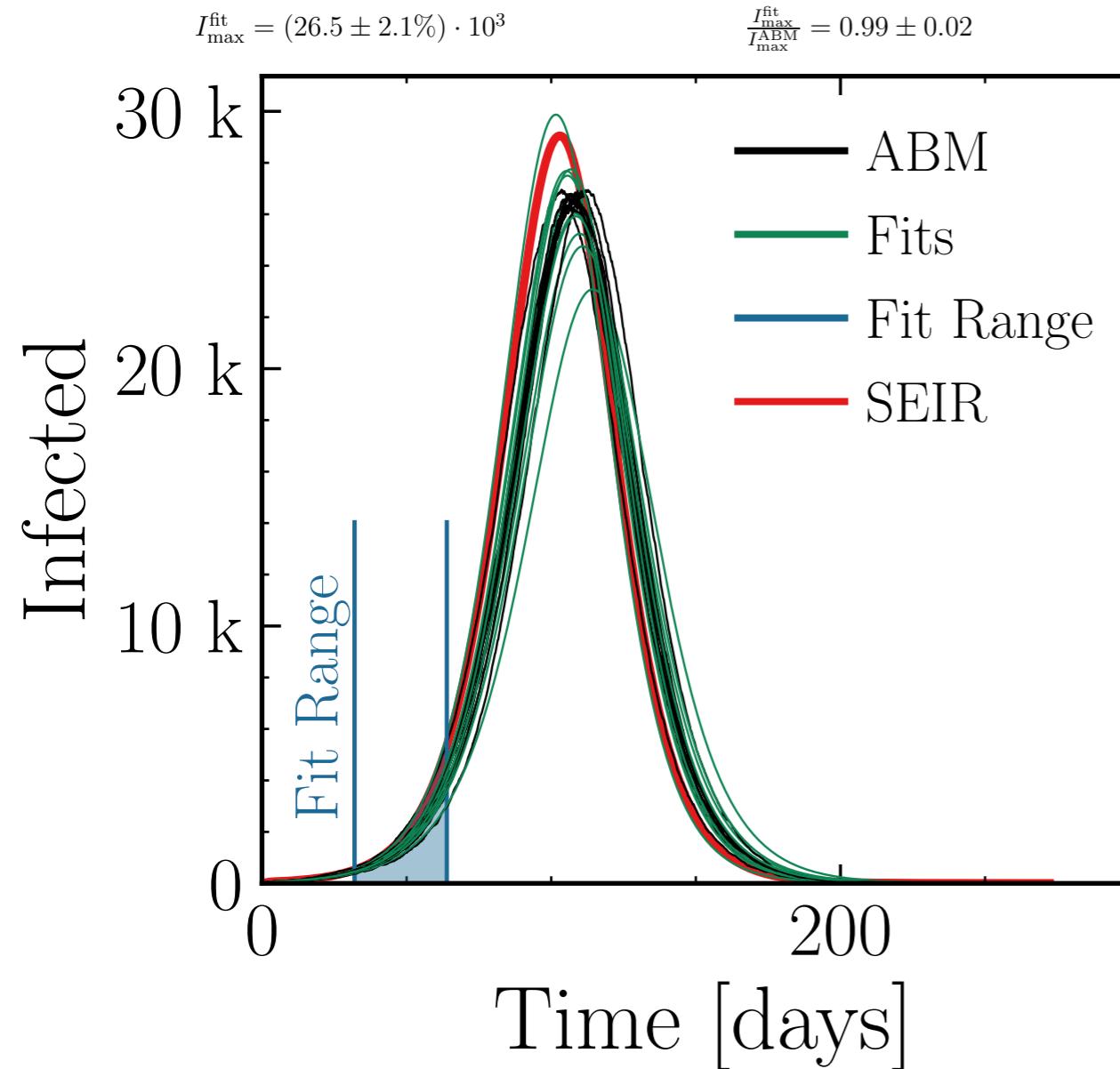
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10$ , event<sub>size<sub>max</sub></sub> = 0, v. = 1.0, hash = b16c7e7dbc, #10



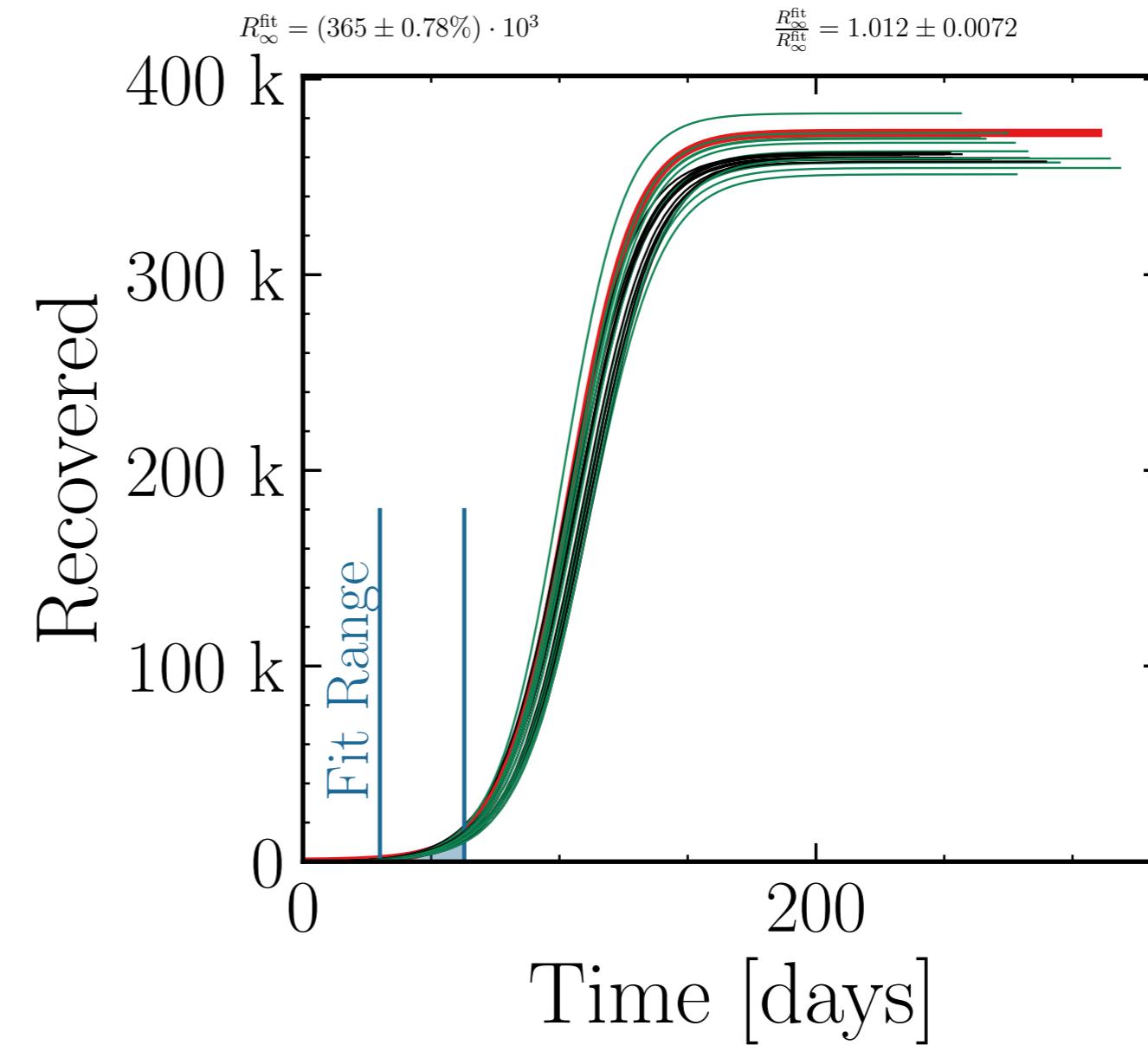
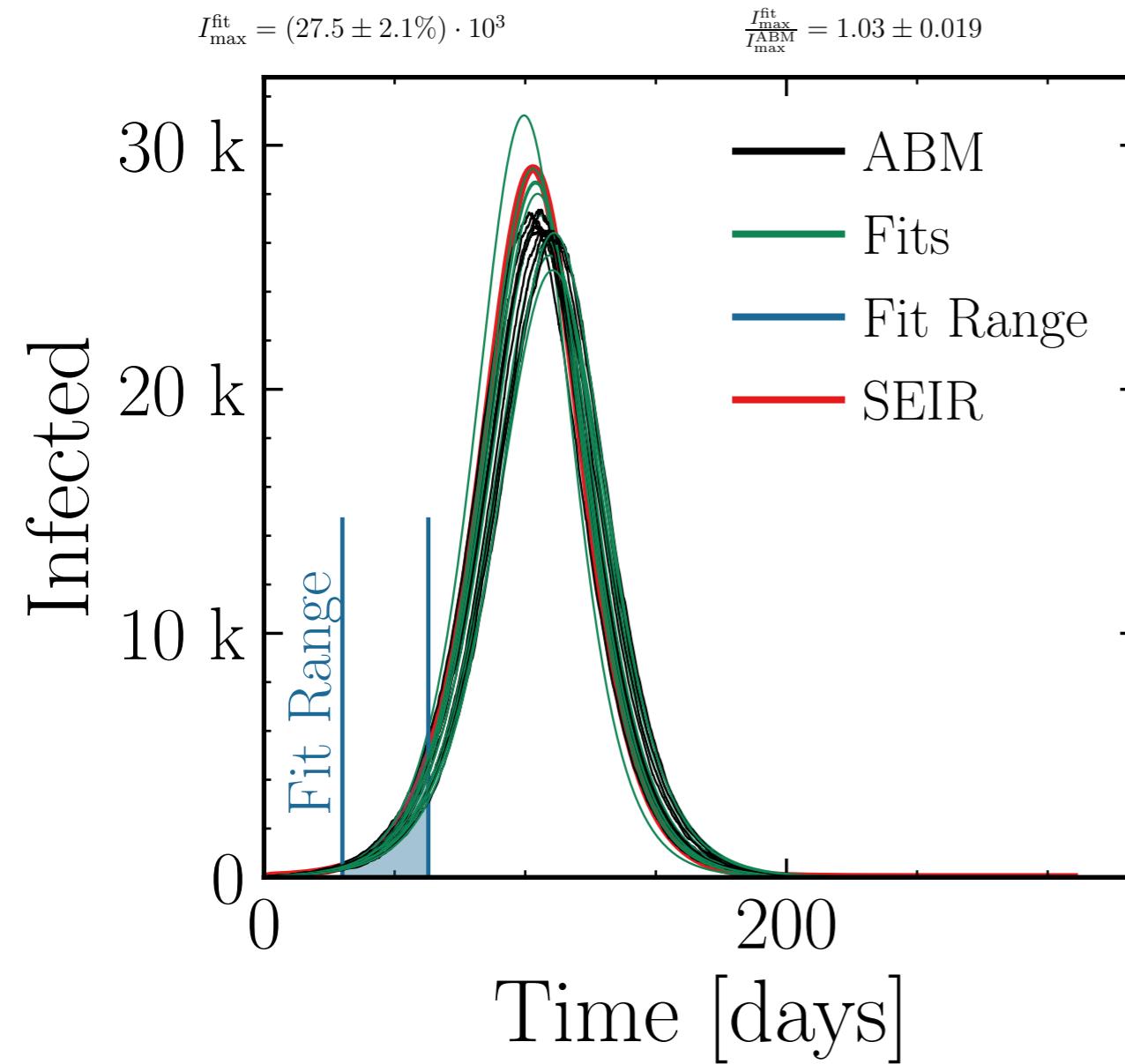
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10$ , event<sub>size<sub>max</sub></sub> = 1, v. = 1.0, hash = 6e9cd0a8fd, #10



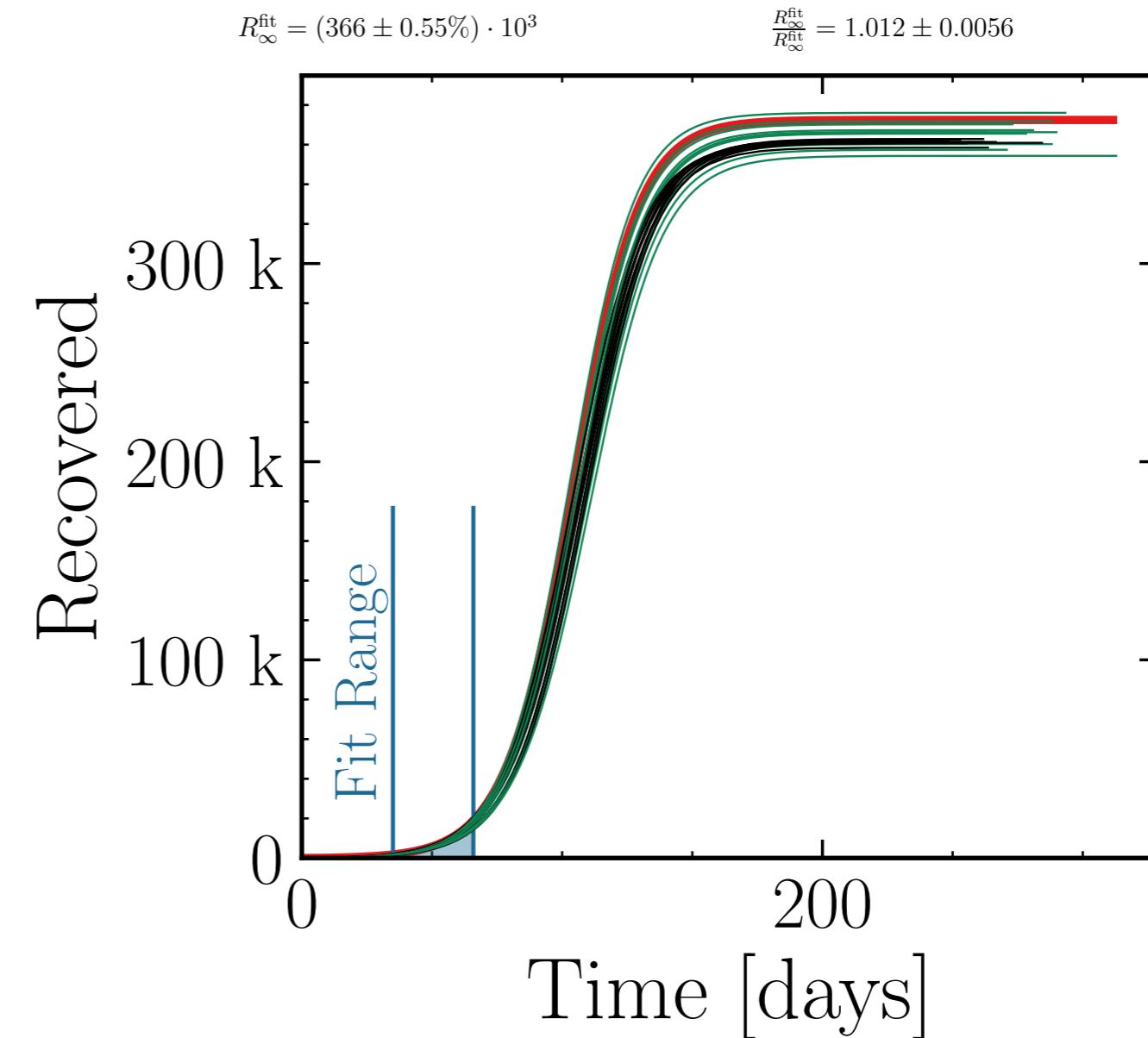
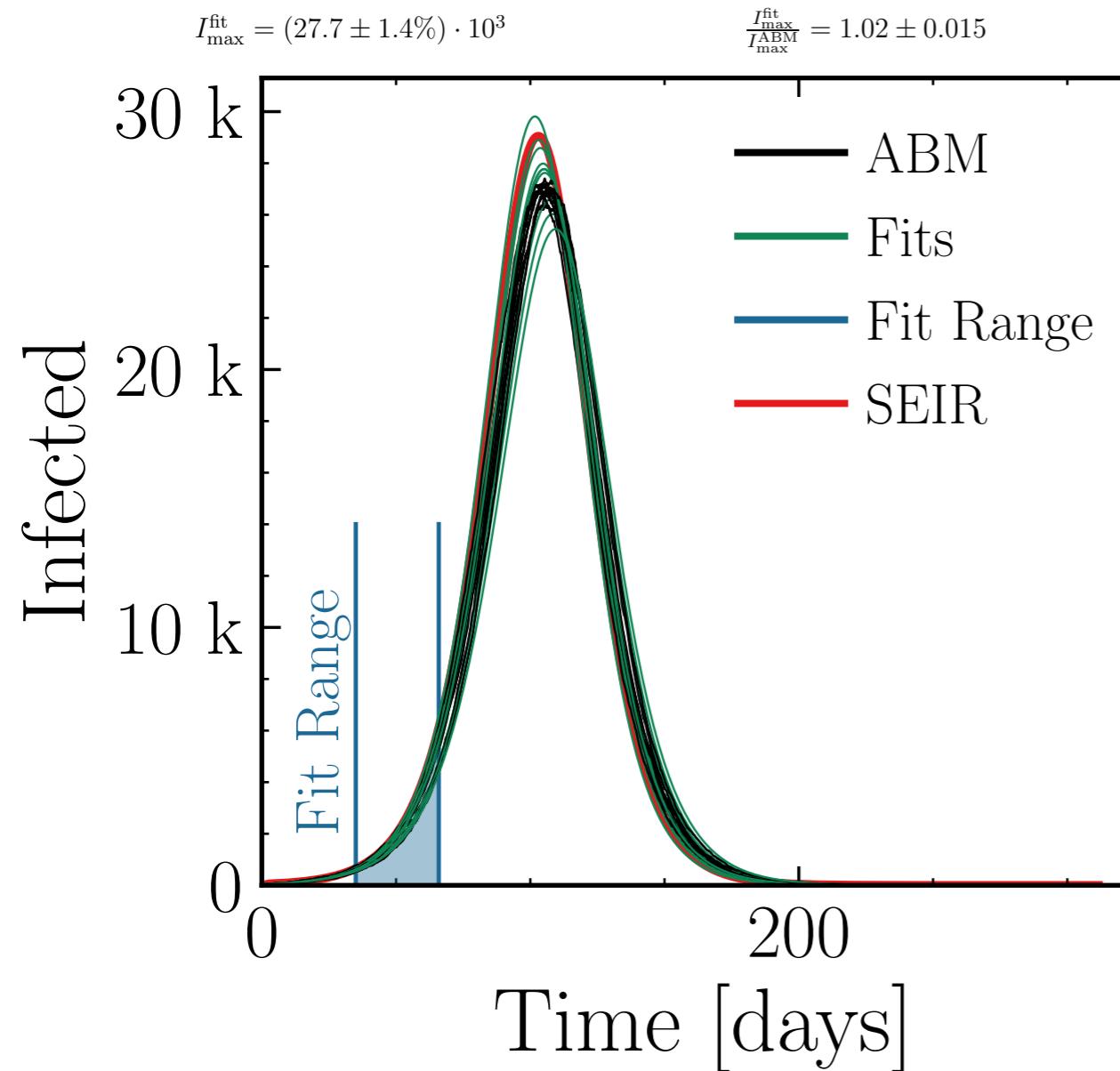
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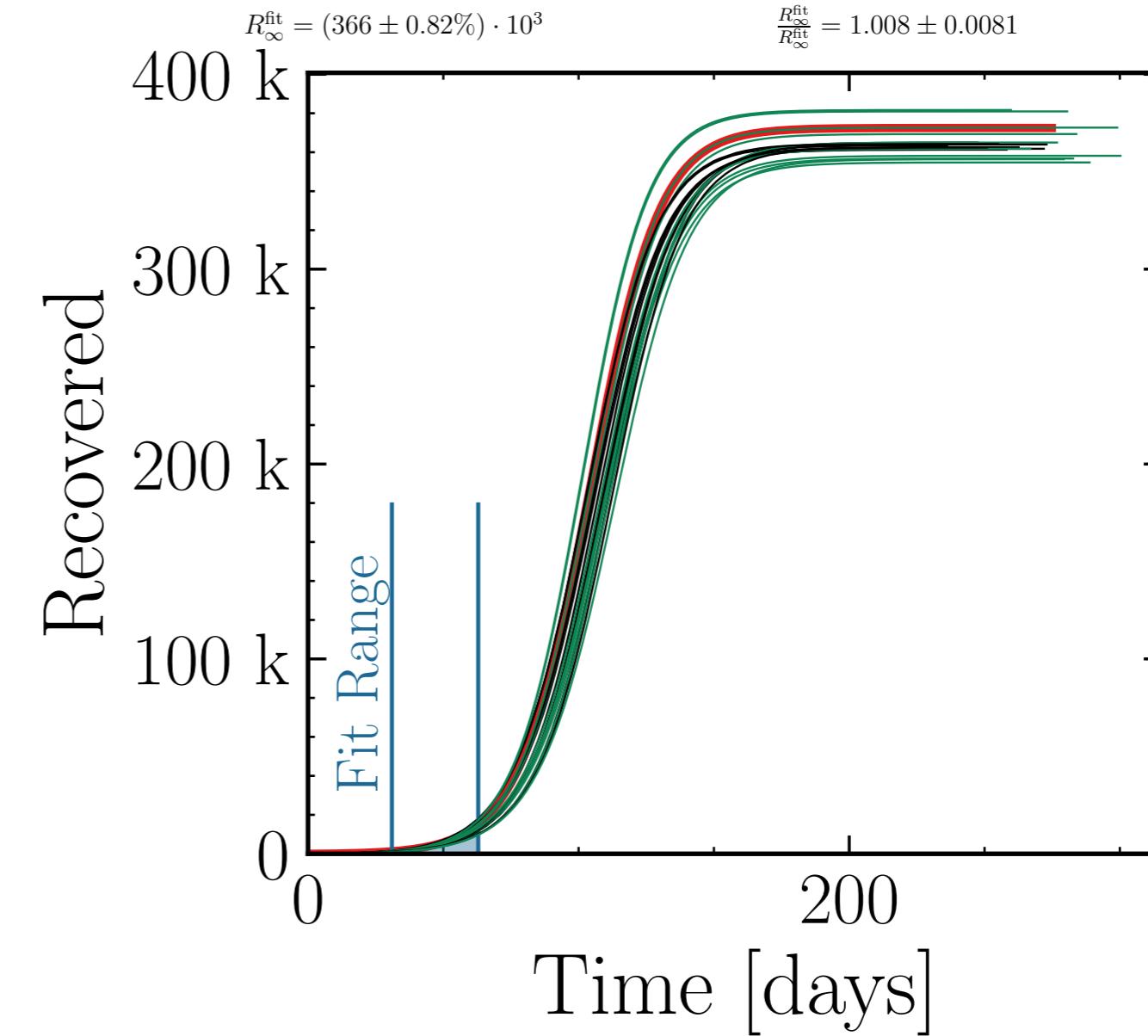
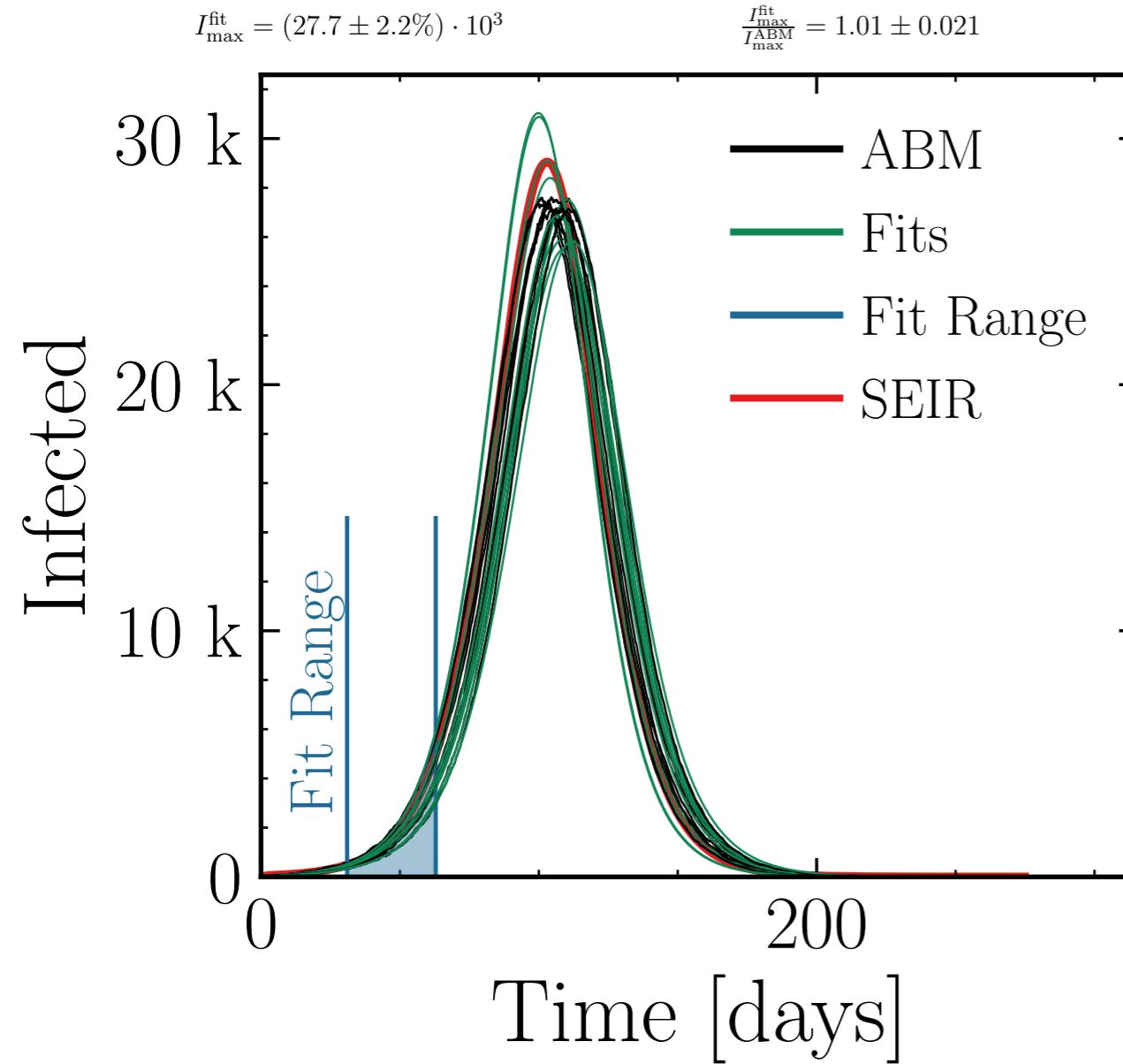
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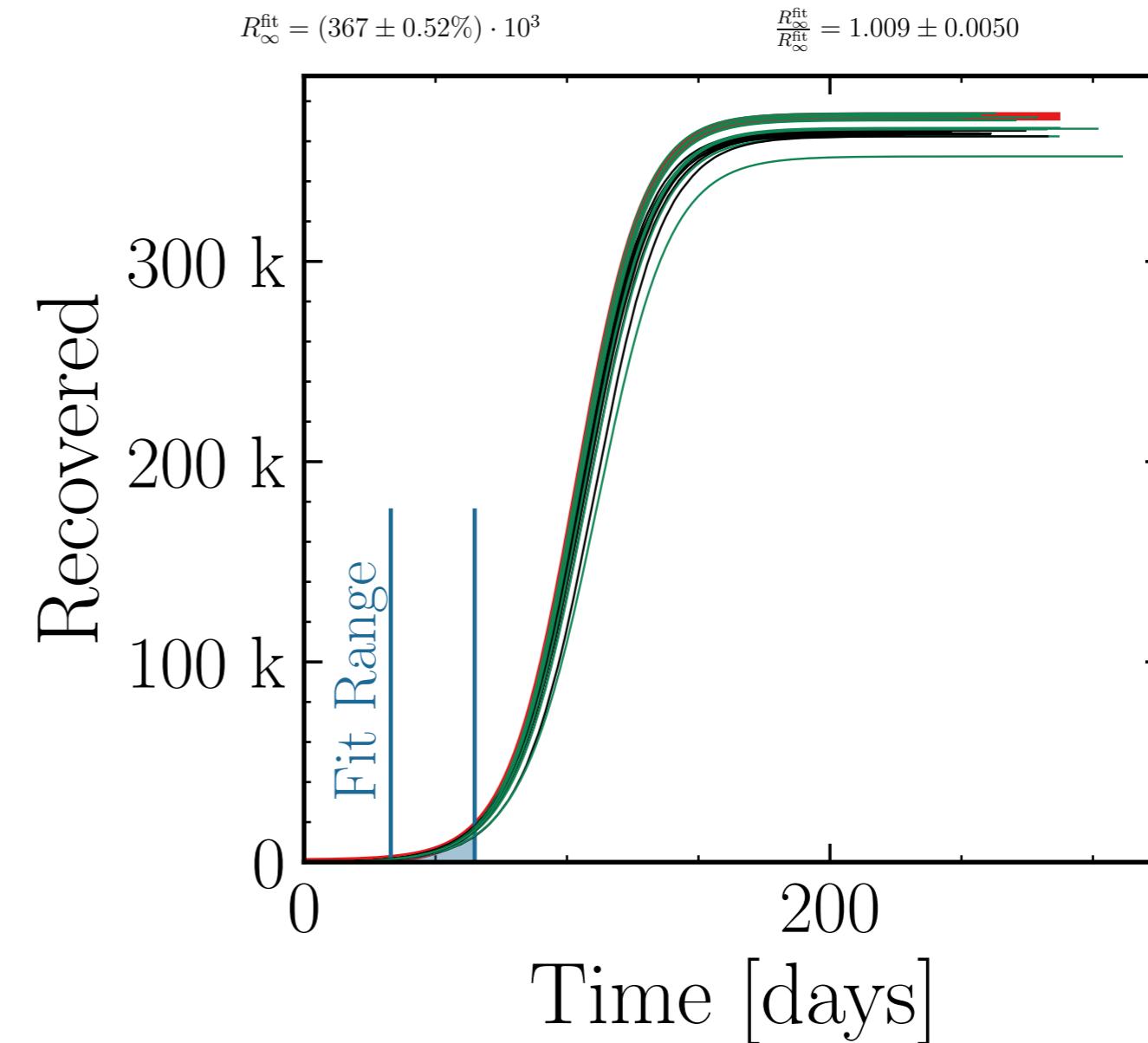
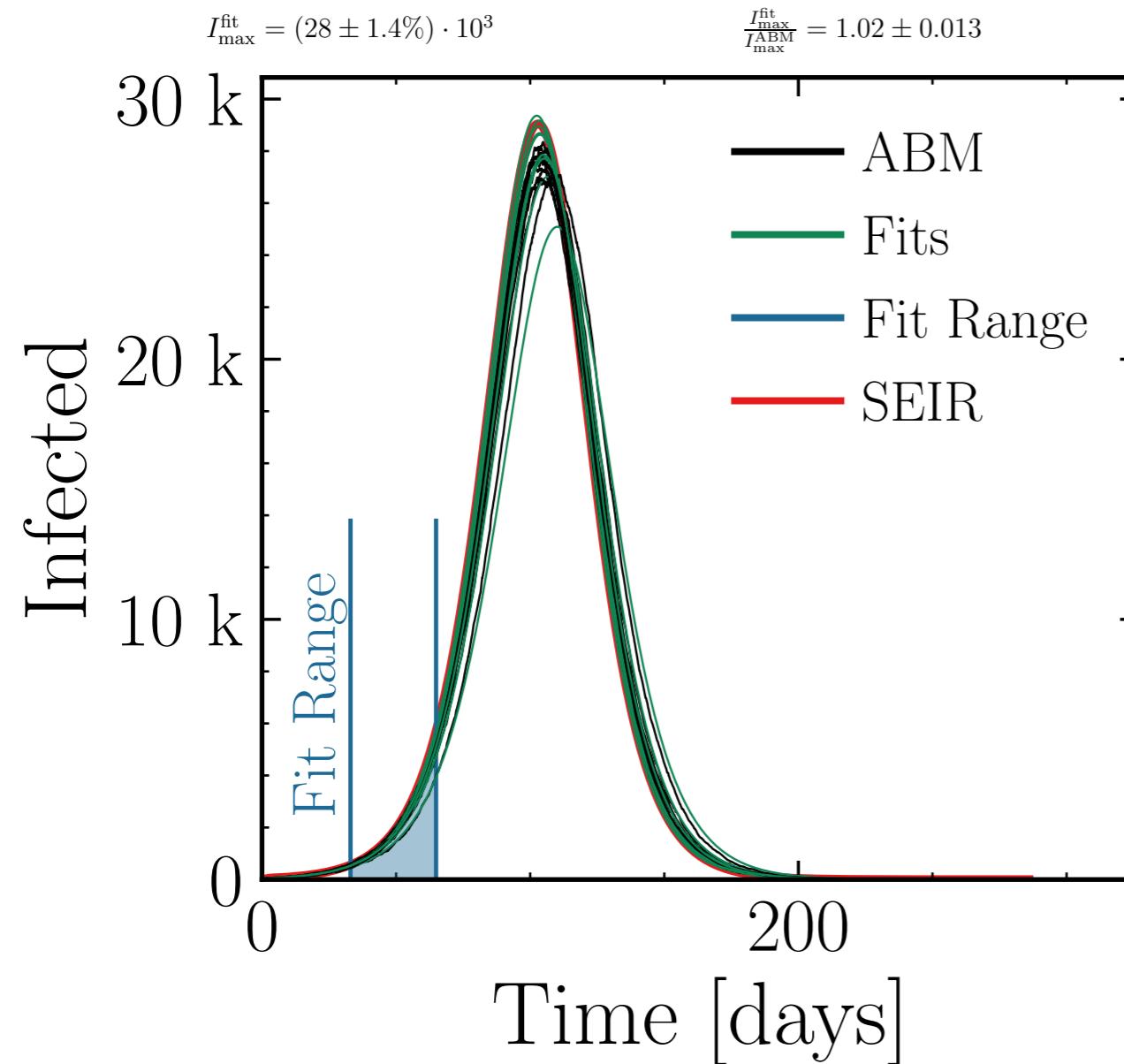
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10$ , event<sub>size<sub>max</sub></sub> = 50, v. = 1.0, hash = 8826649c95, #10



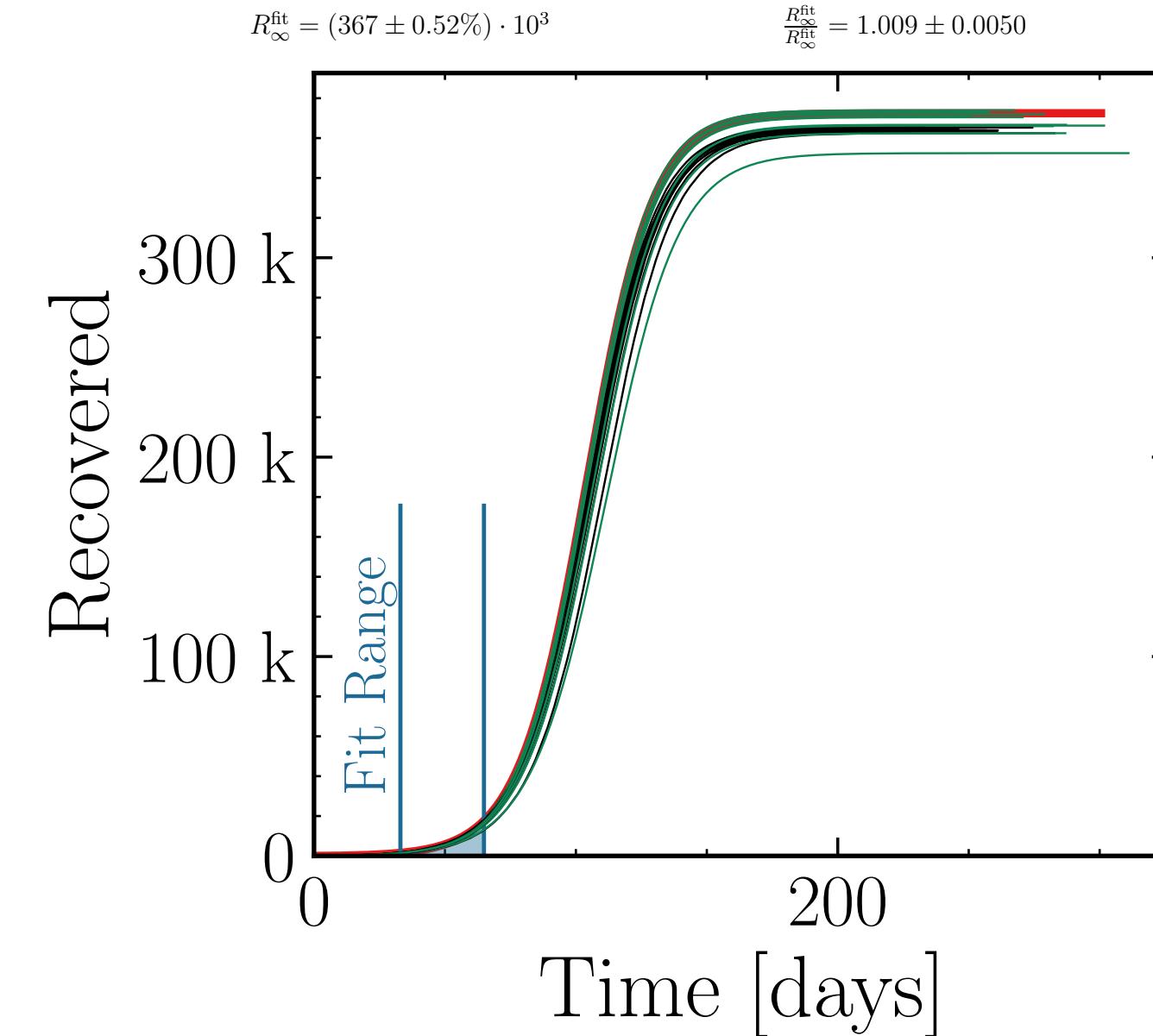
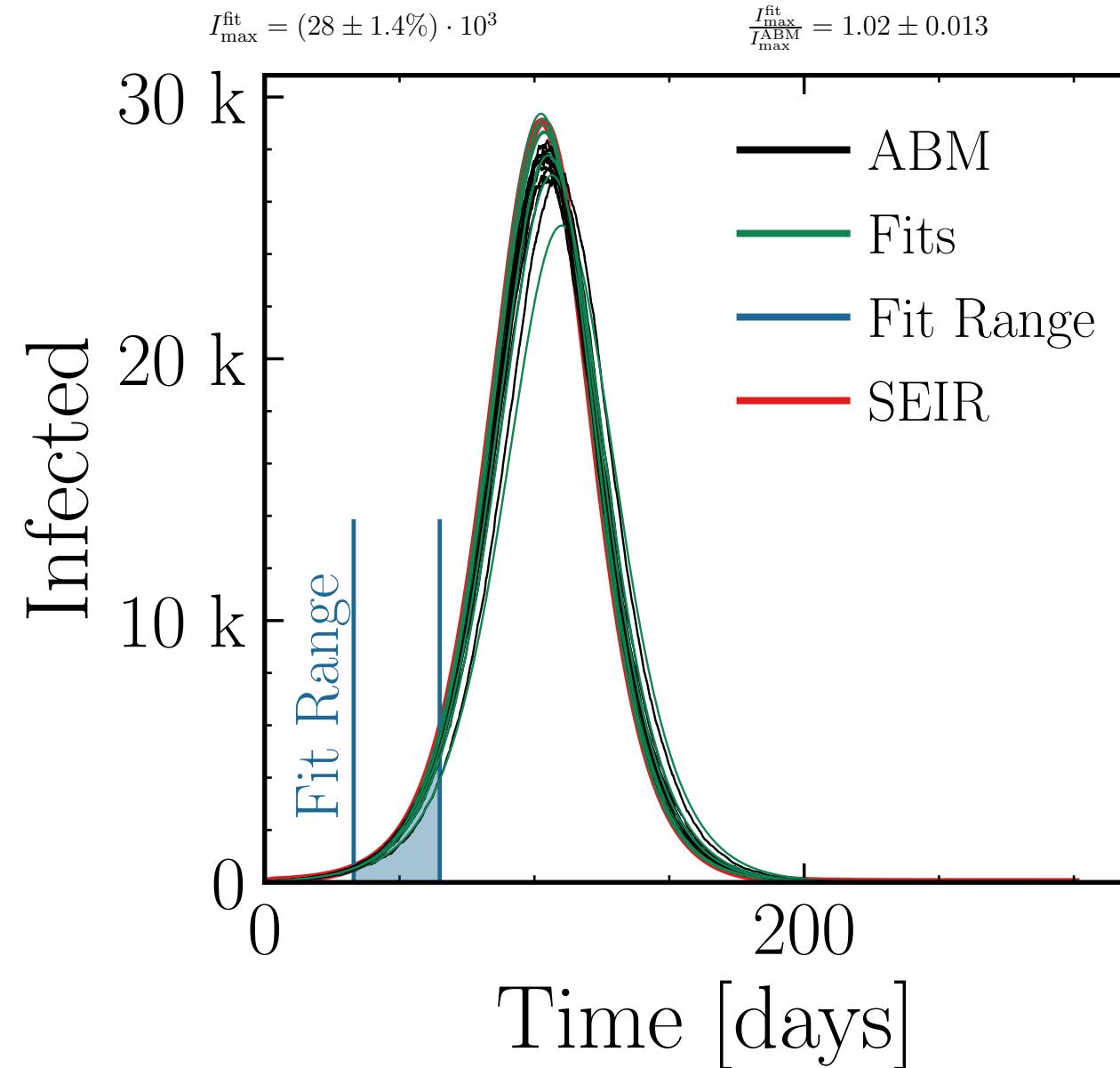
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
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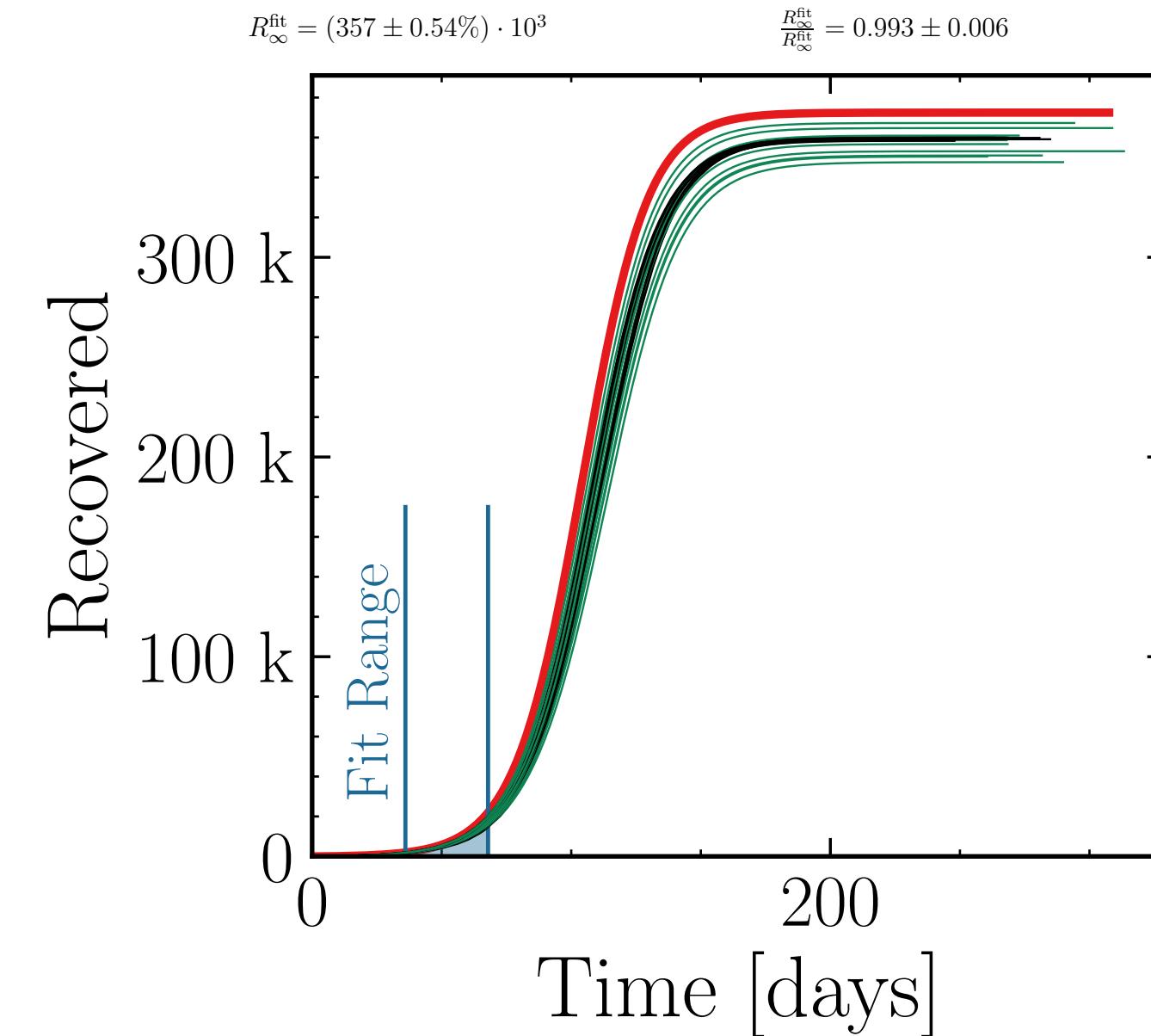
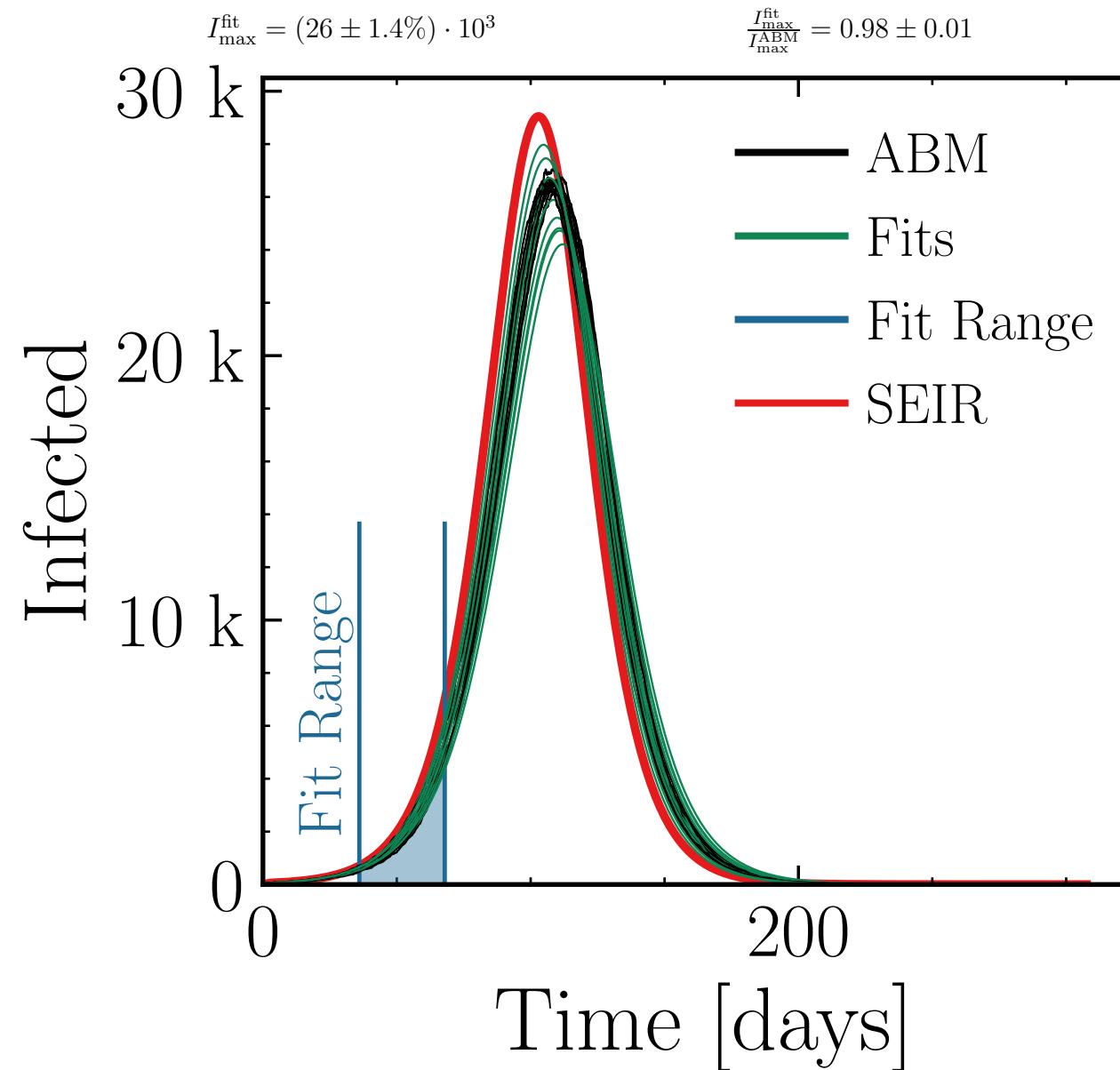
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10$ , event<sub>size<sub>max</sub></sub> = 500, v. = 1.0, hash = 9ae51c5343, #10



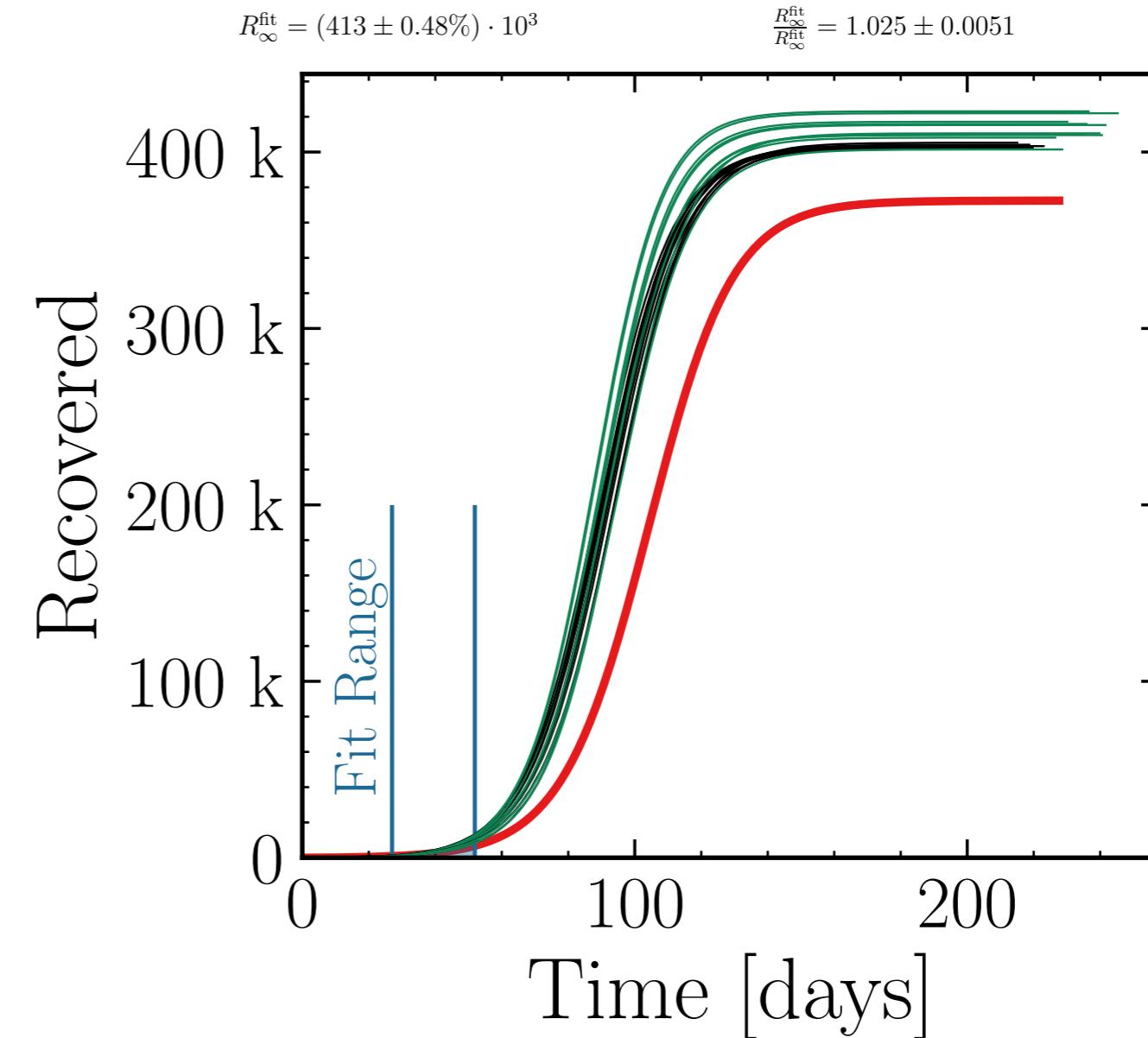
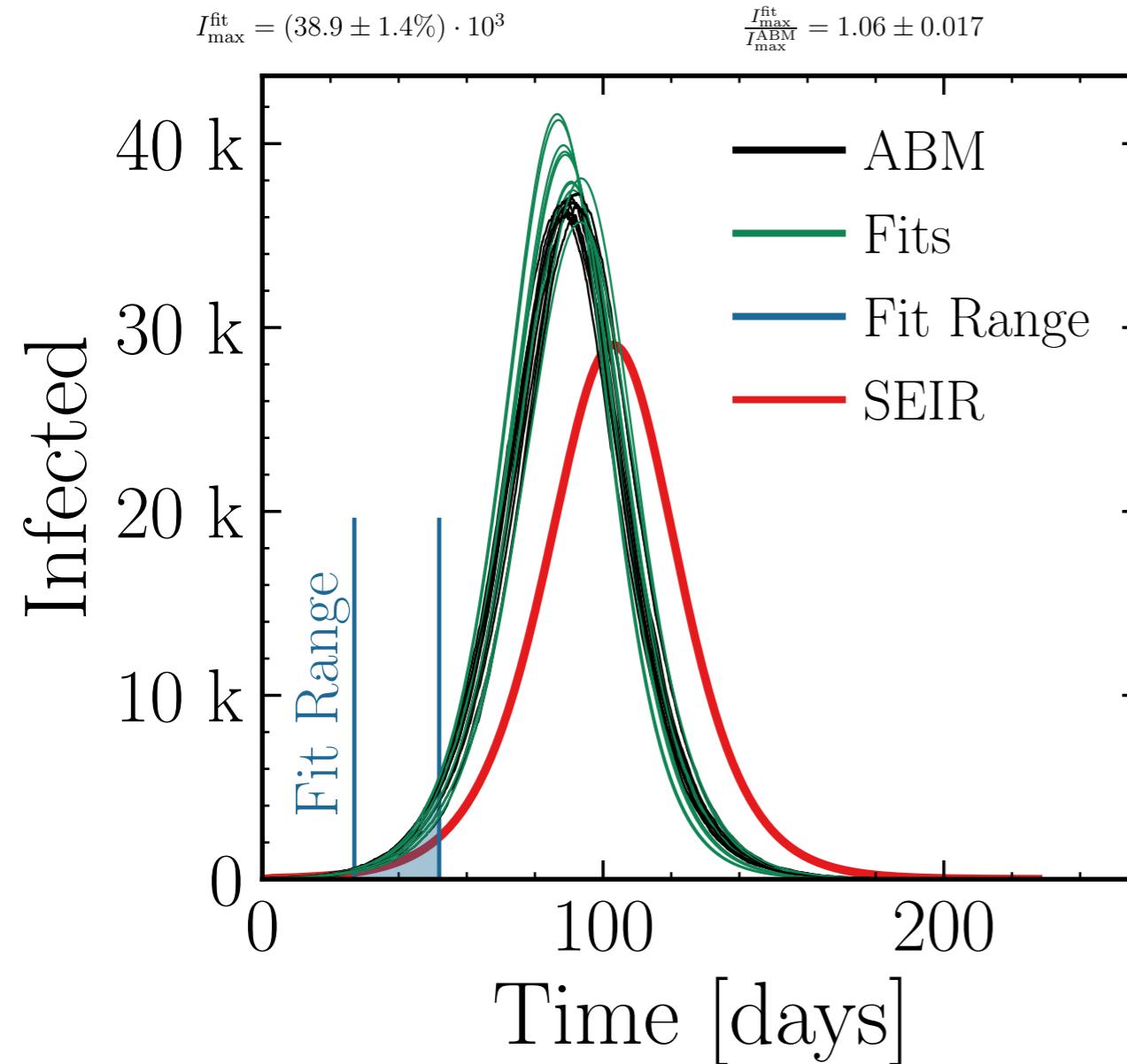
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10$ , event<sub>size<sub>max</sub></sub> = 1K, v. = 1.0, hash = e24322e1af, #10



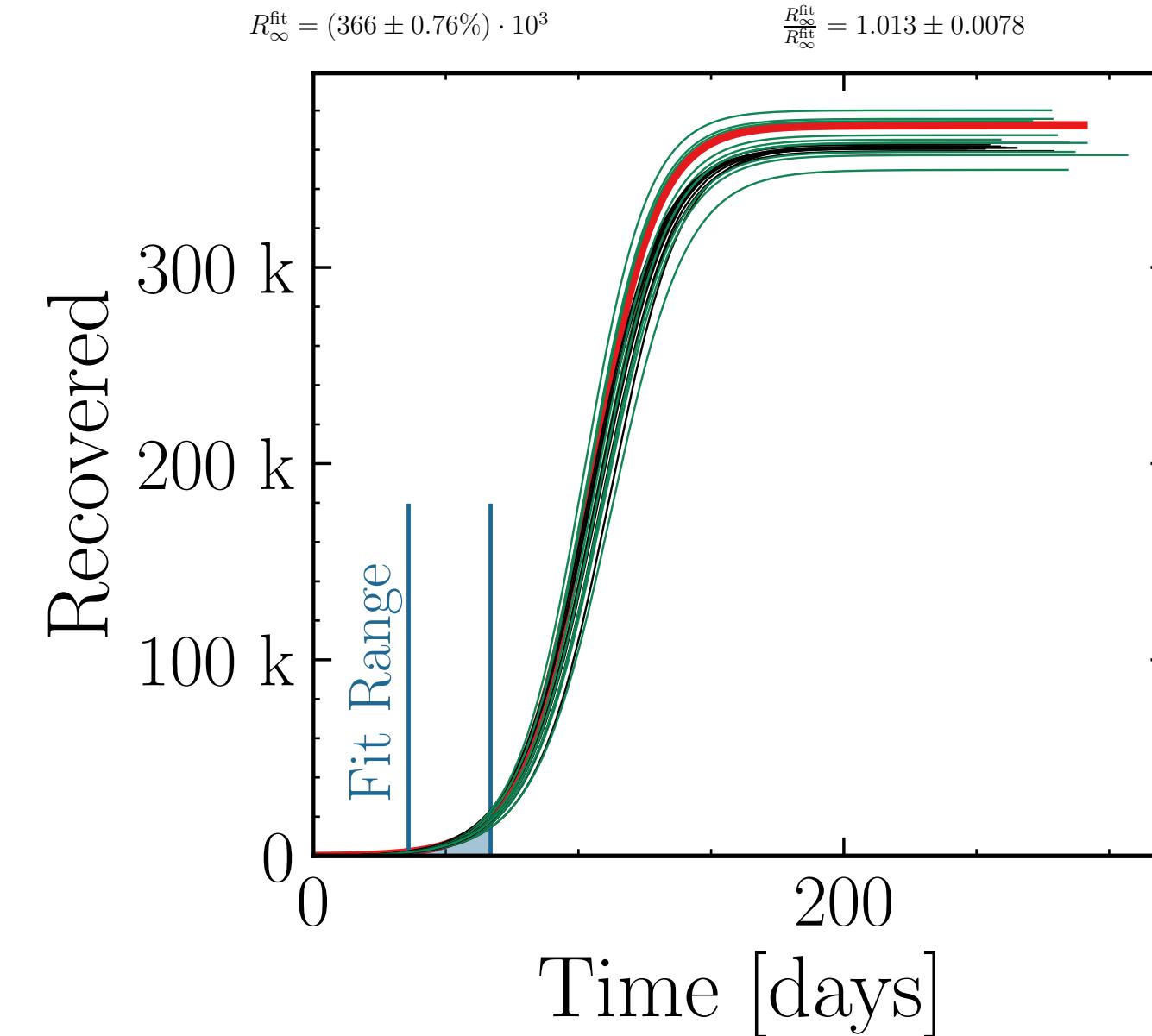
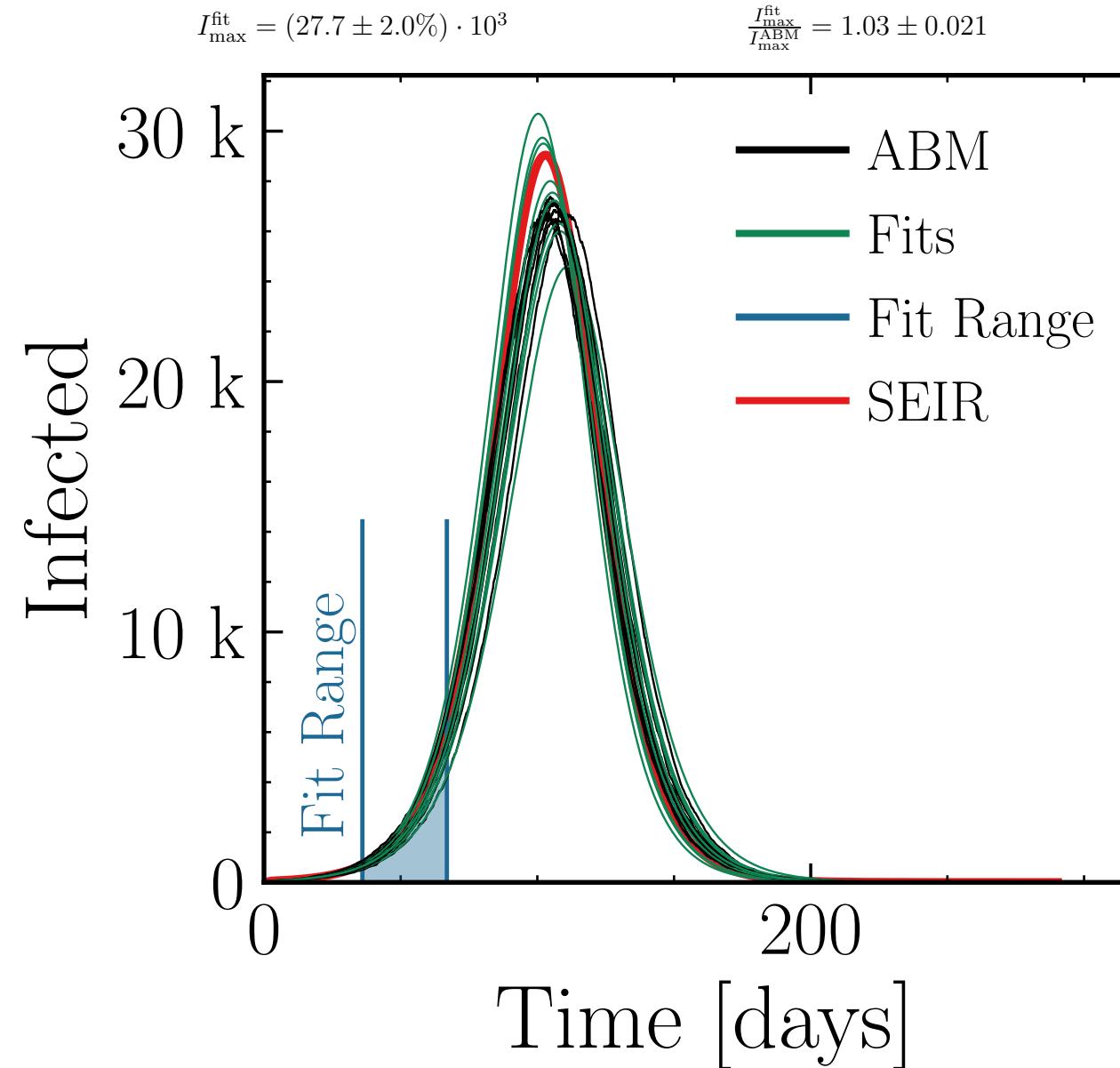
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event<sub>size<sub>max</sub></sub> = 1, v. = 1.0, hash = c52466a09e, #10



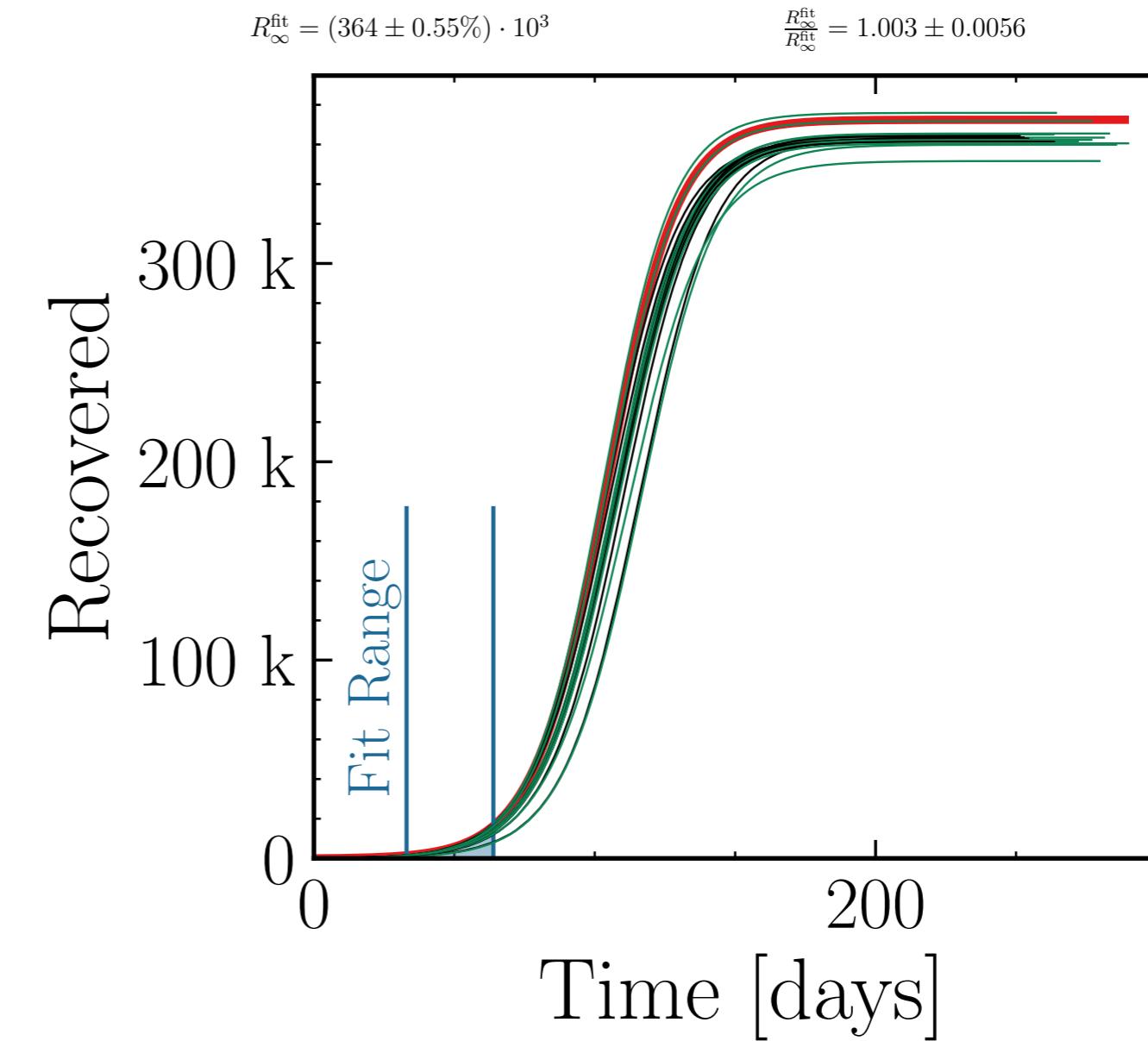
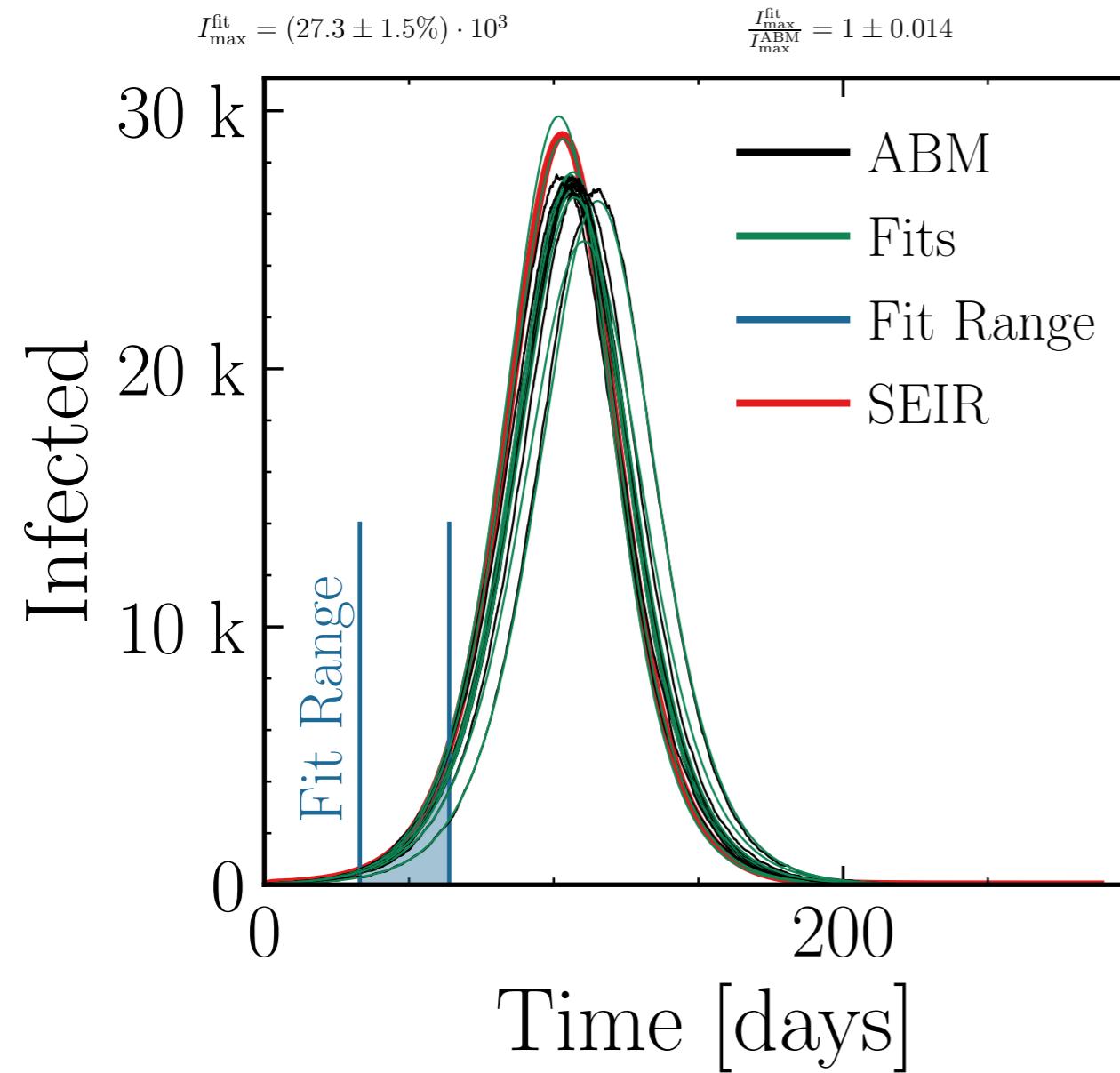
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event\_size<sub>max</sub> = 0, v. = 1.0, hash = 00d26dfb63, #10



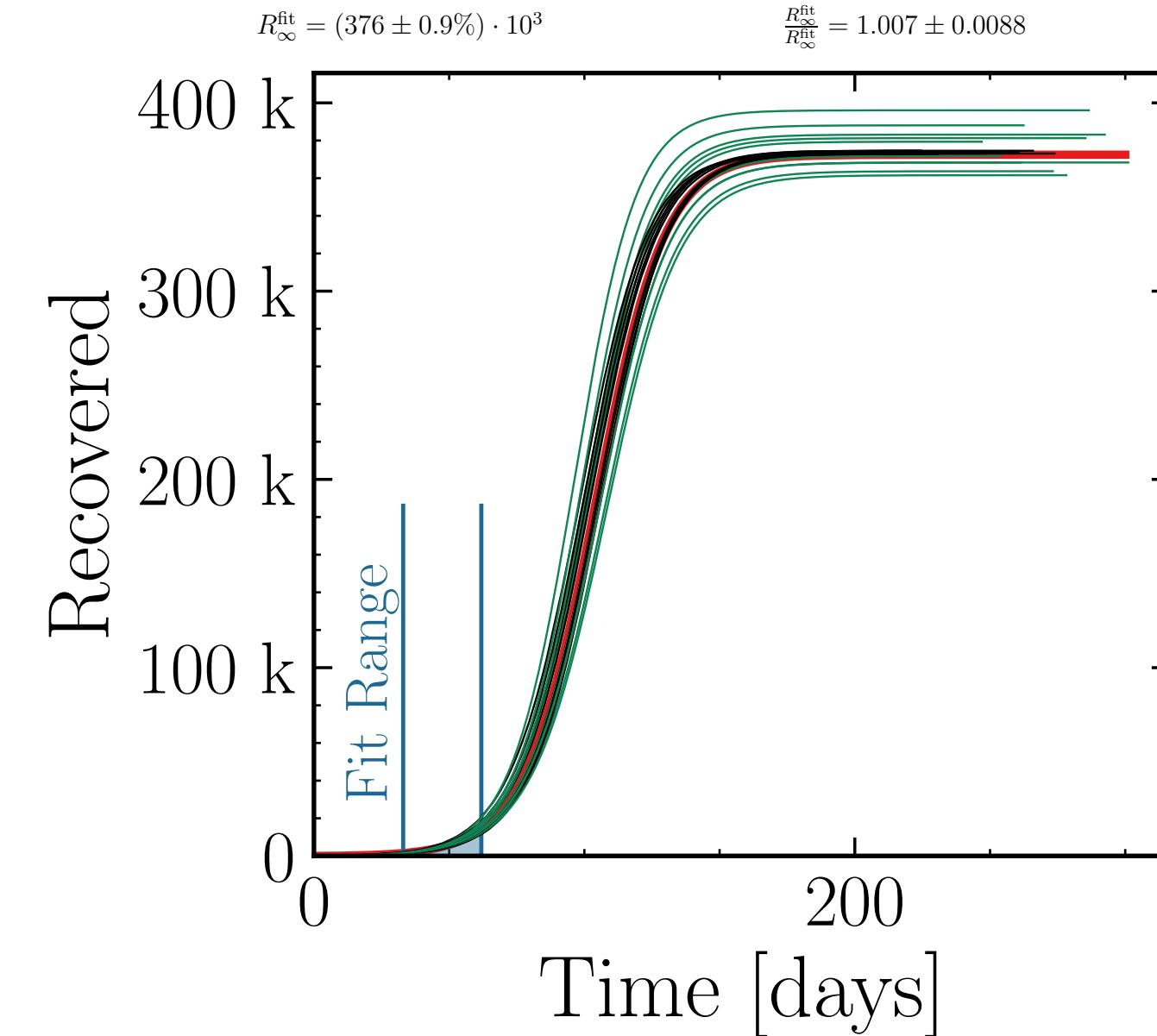
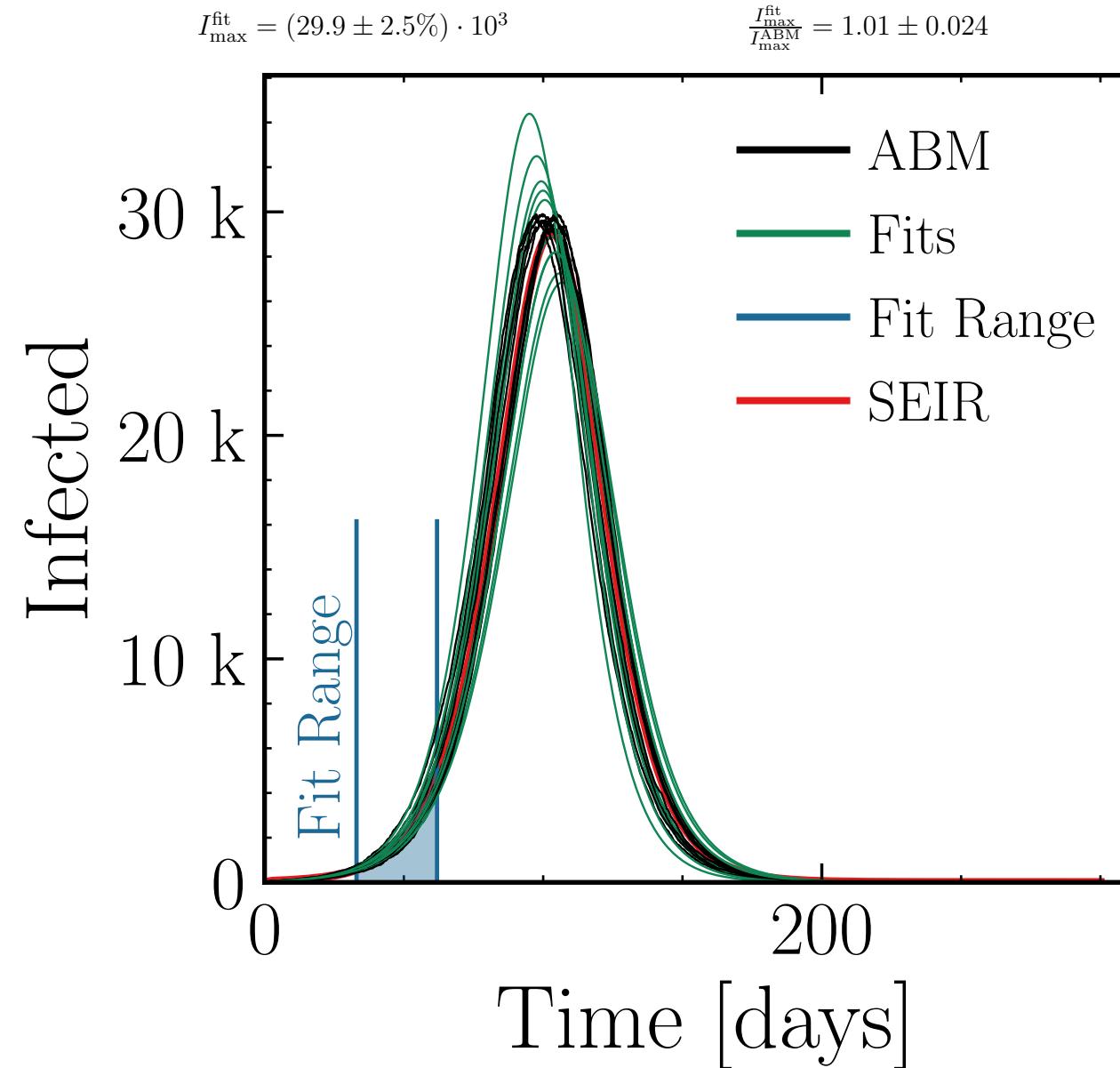
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event<sub>size<sub>max</sub></sub> = 10, v. = 1.0, hash = 922b13c8ca, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event\_size<sub>max</sub> = 20, v. = 1.0, hash = 4e22e286eb, #10

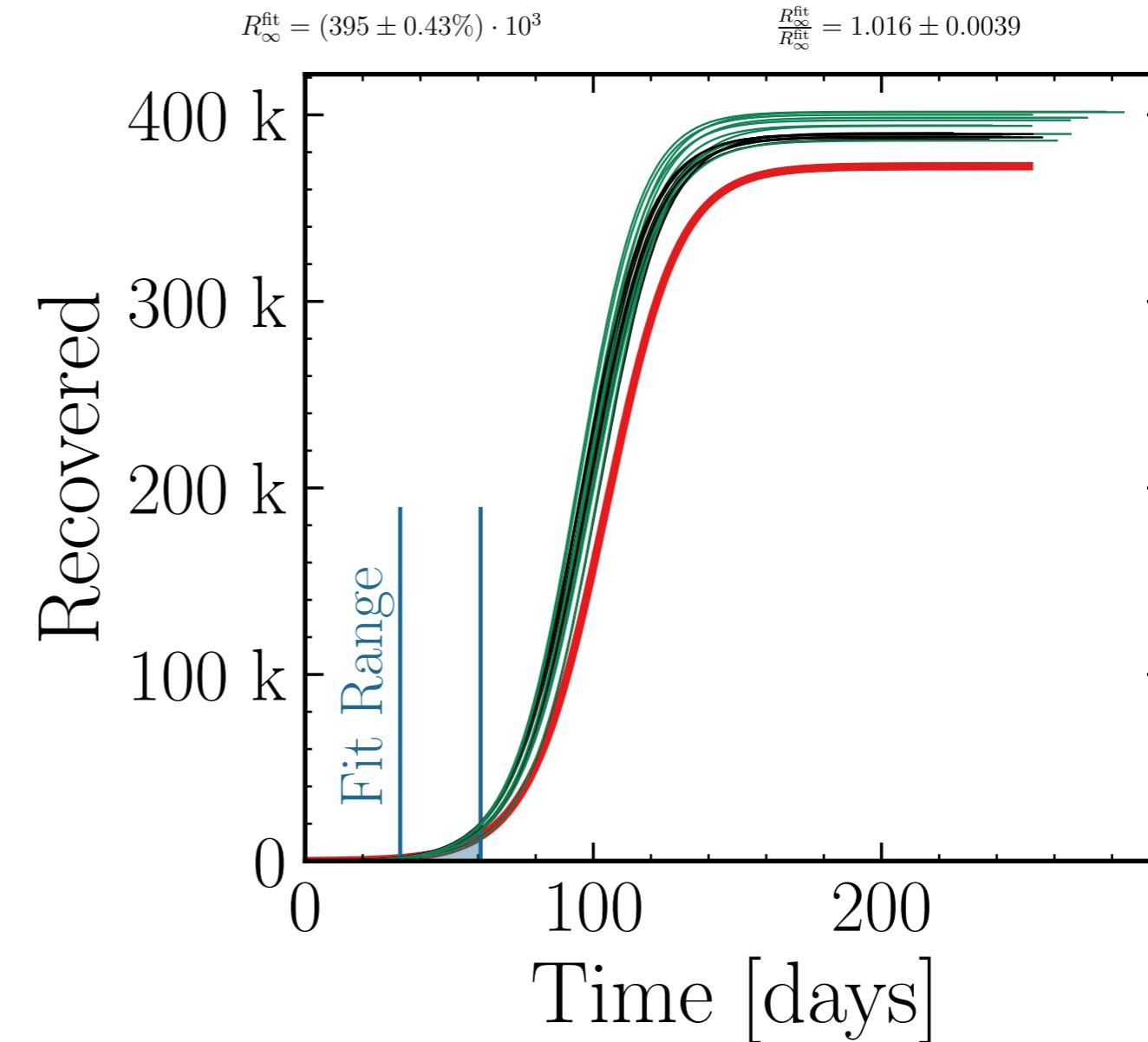
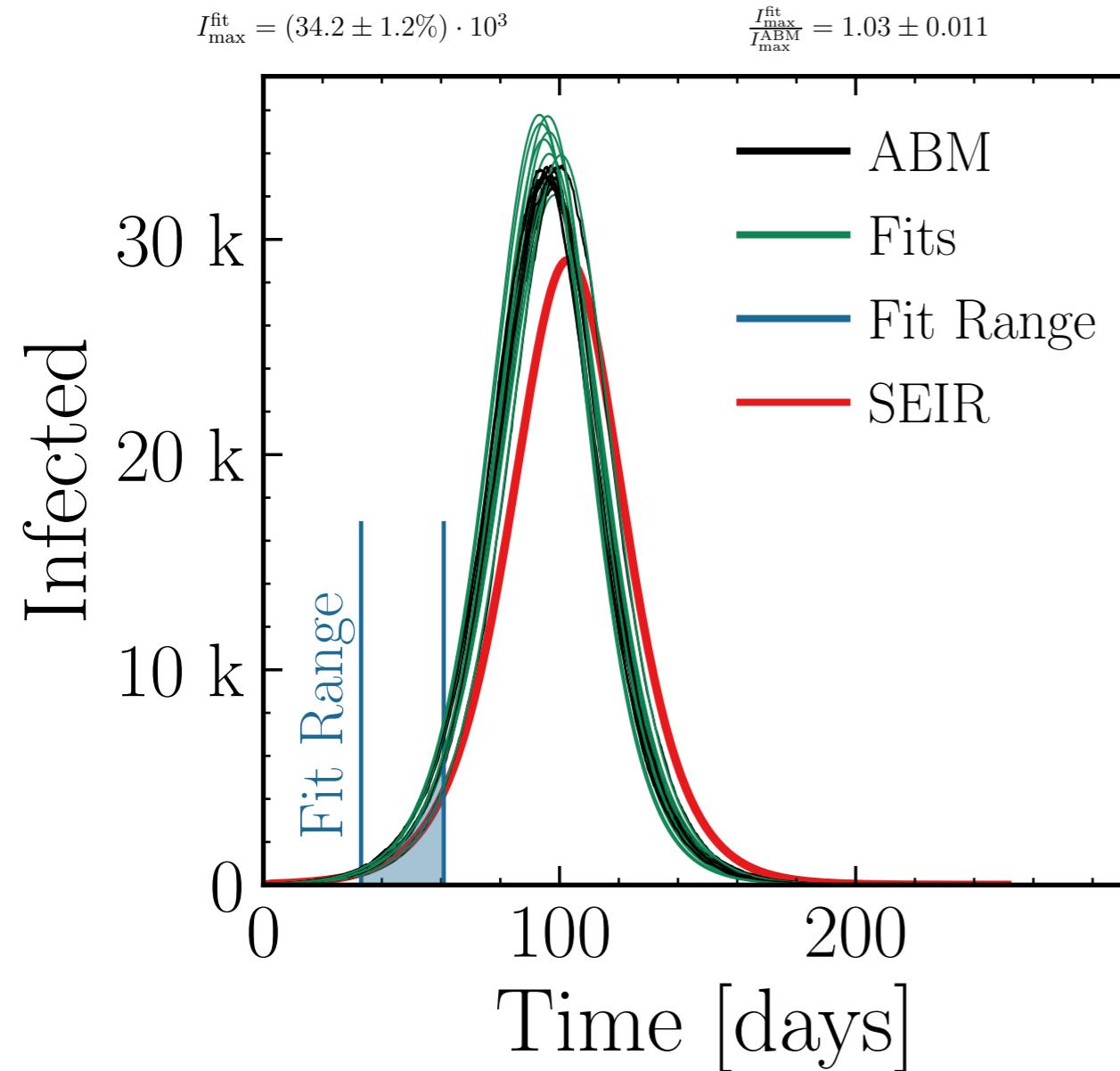


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event<sub>size<sub>max</sub></sub> = 50, v. = 1.0, hash = 2f452a349b, #10

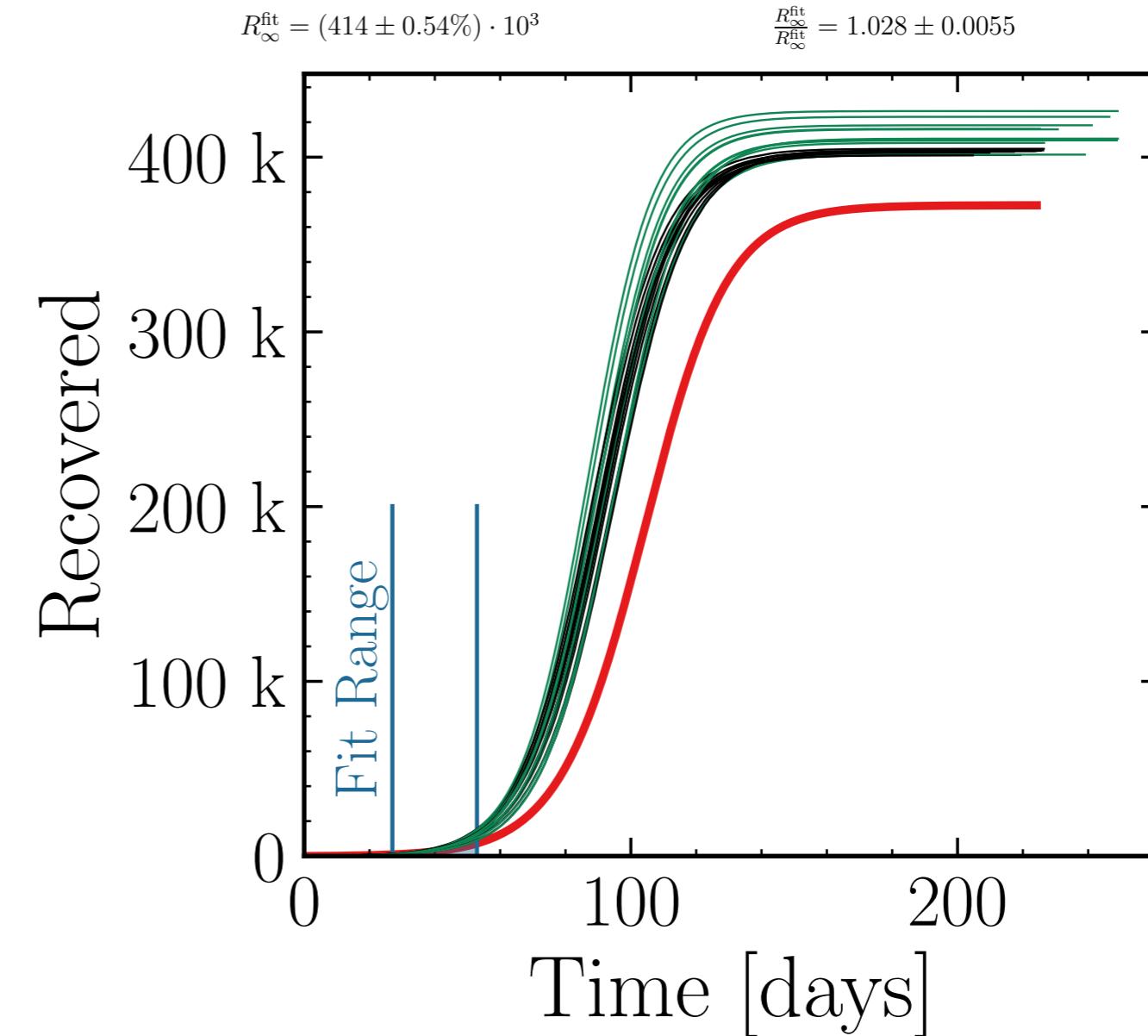
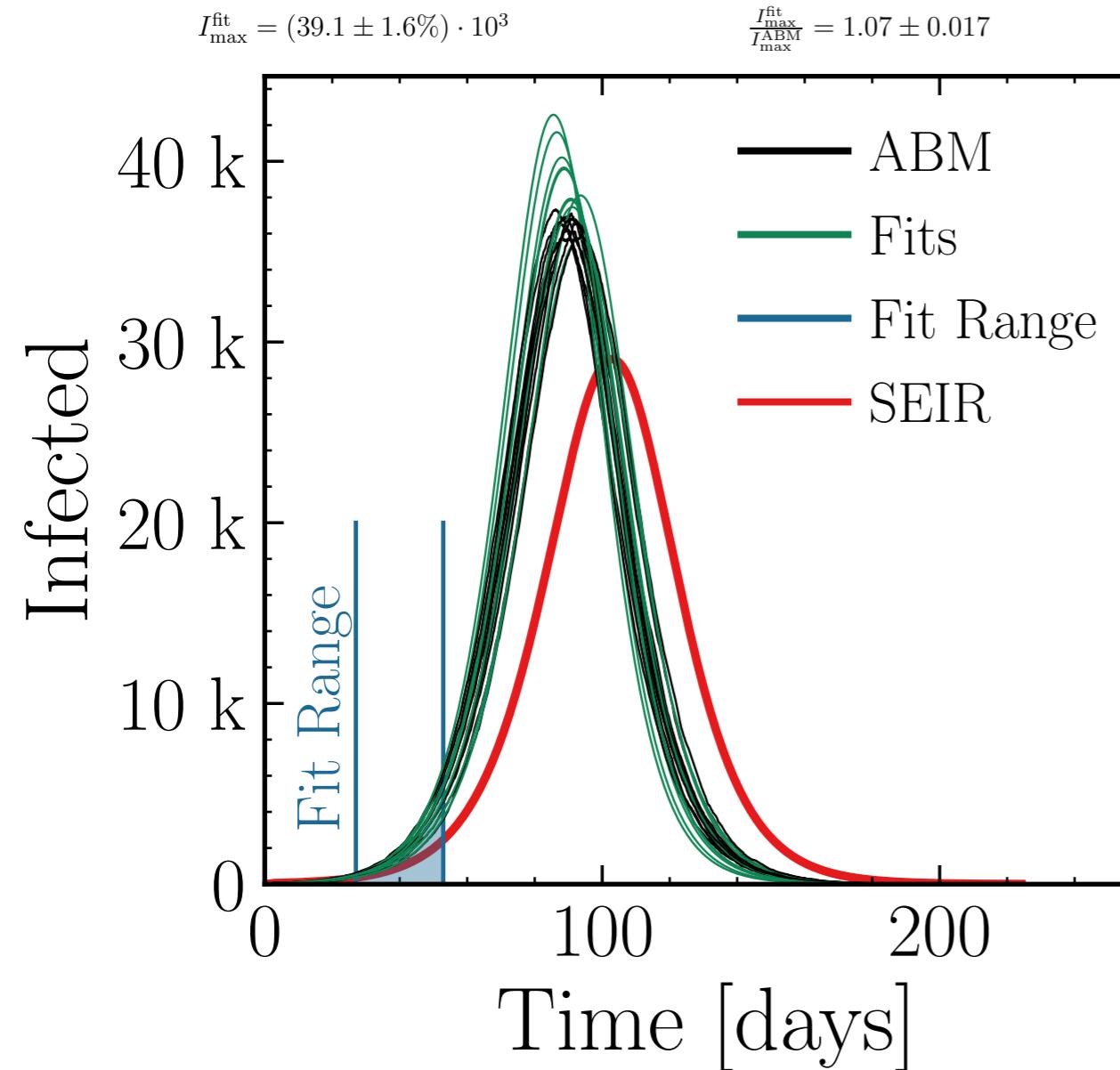


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event<sub>size<sub>max</sub></sub> = 100, v. = 1.0, hash = 3cbf91ce6b, #10

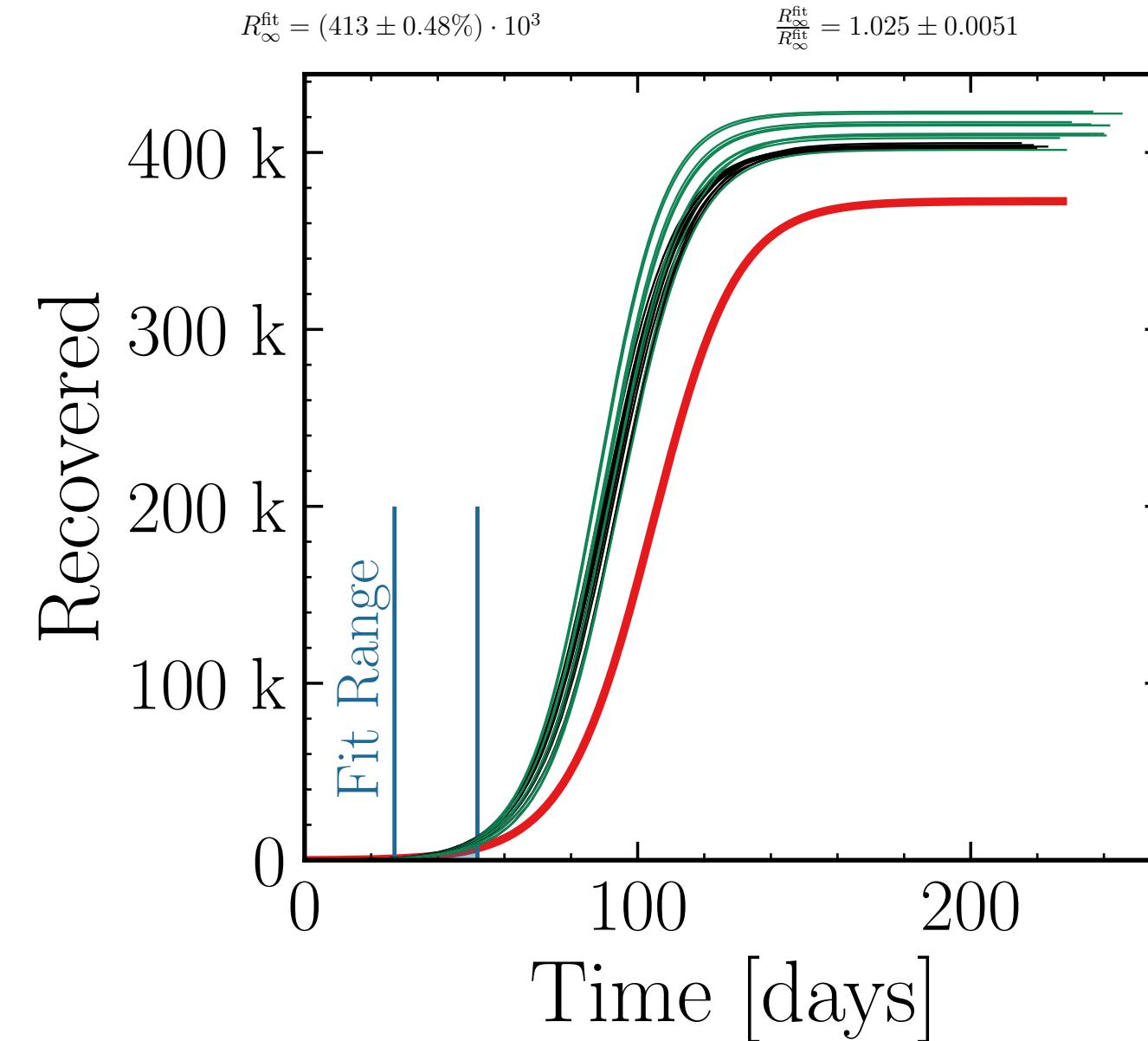
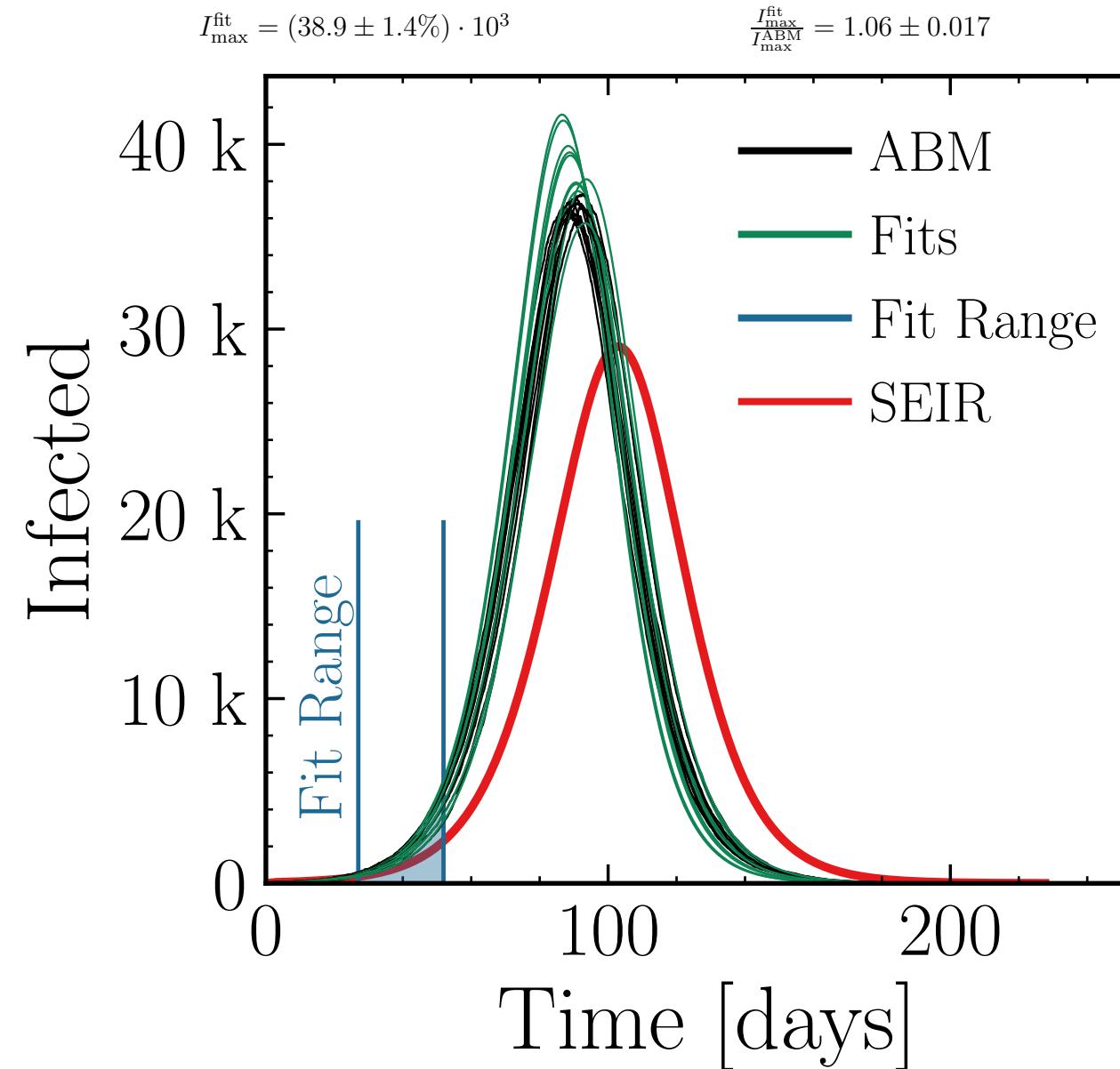


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event<sub>size<sub>max</sub></sub> = 500, v. = 1.0, hash = fdd3b6d298, #10

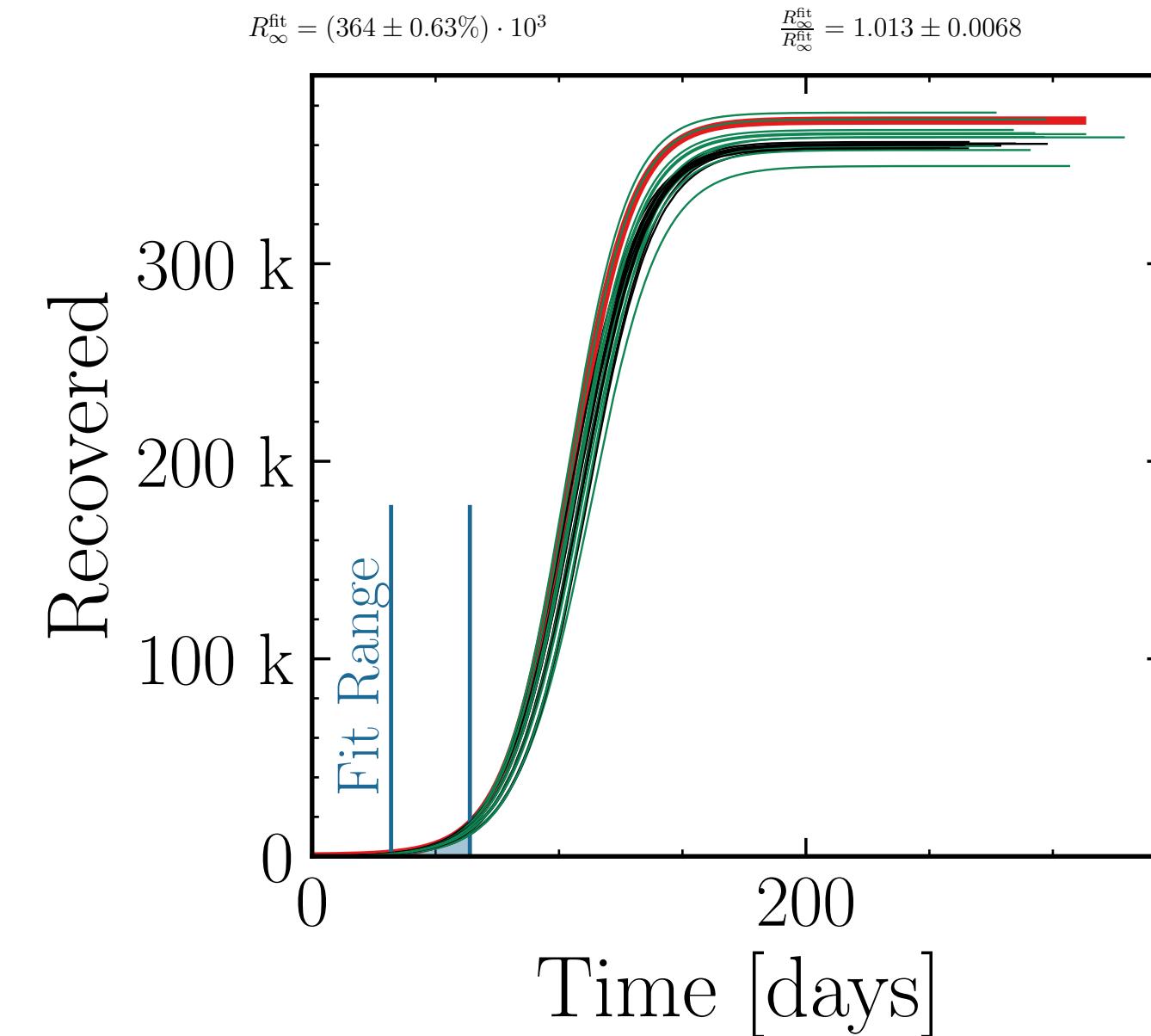
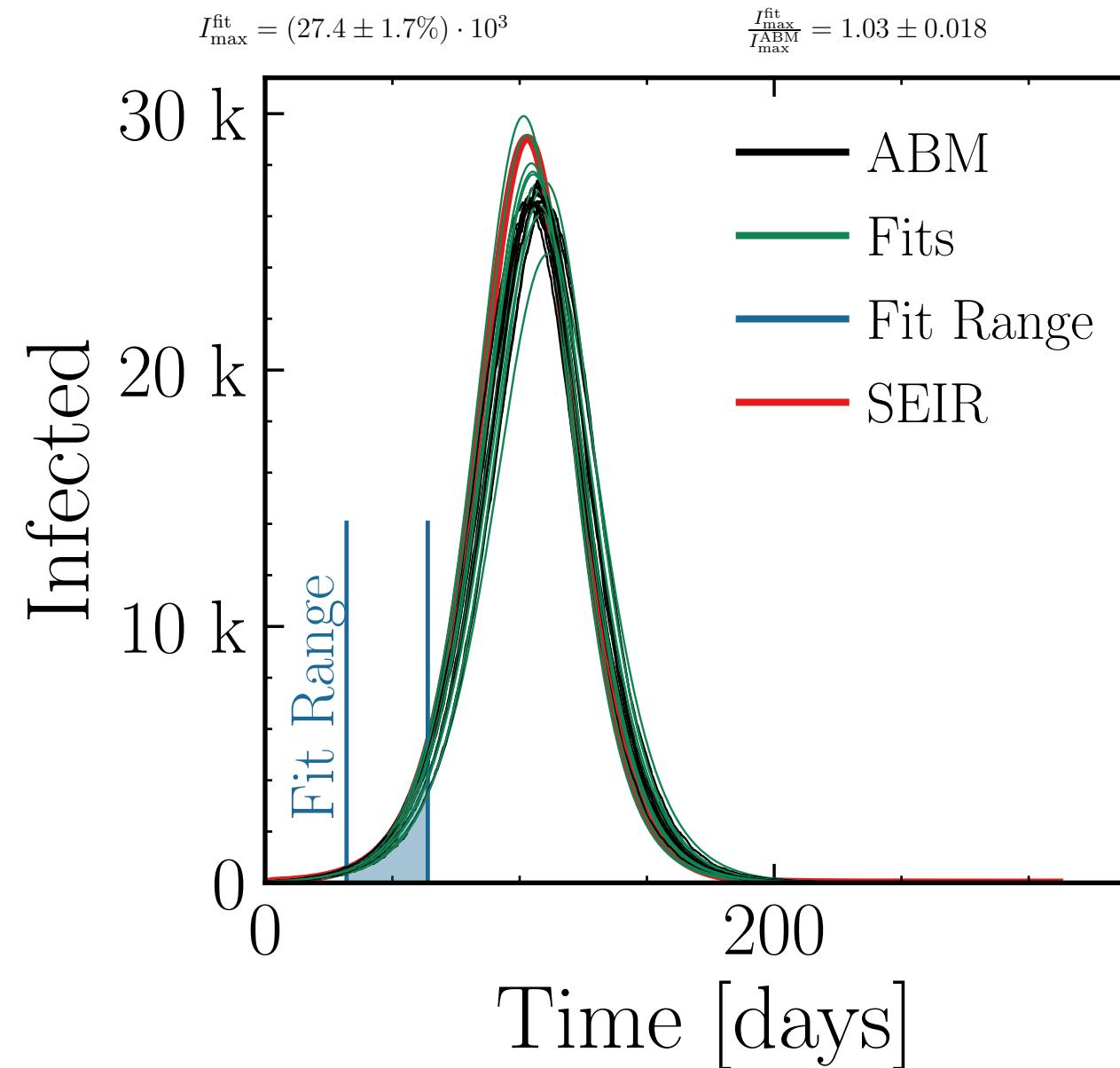


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

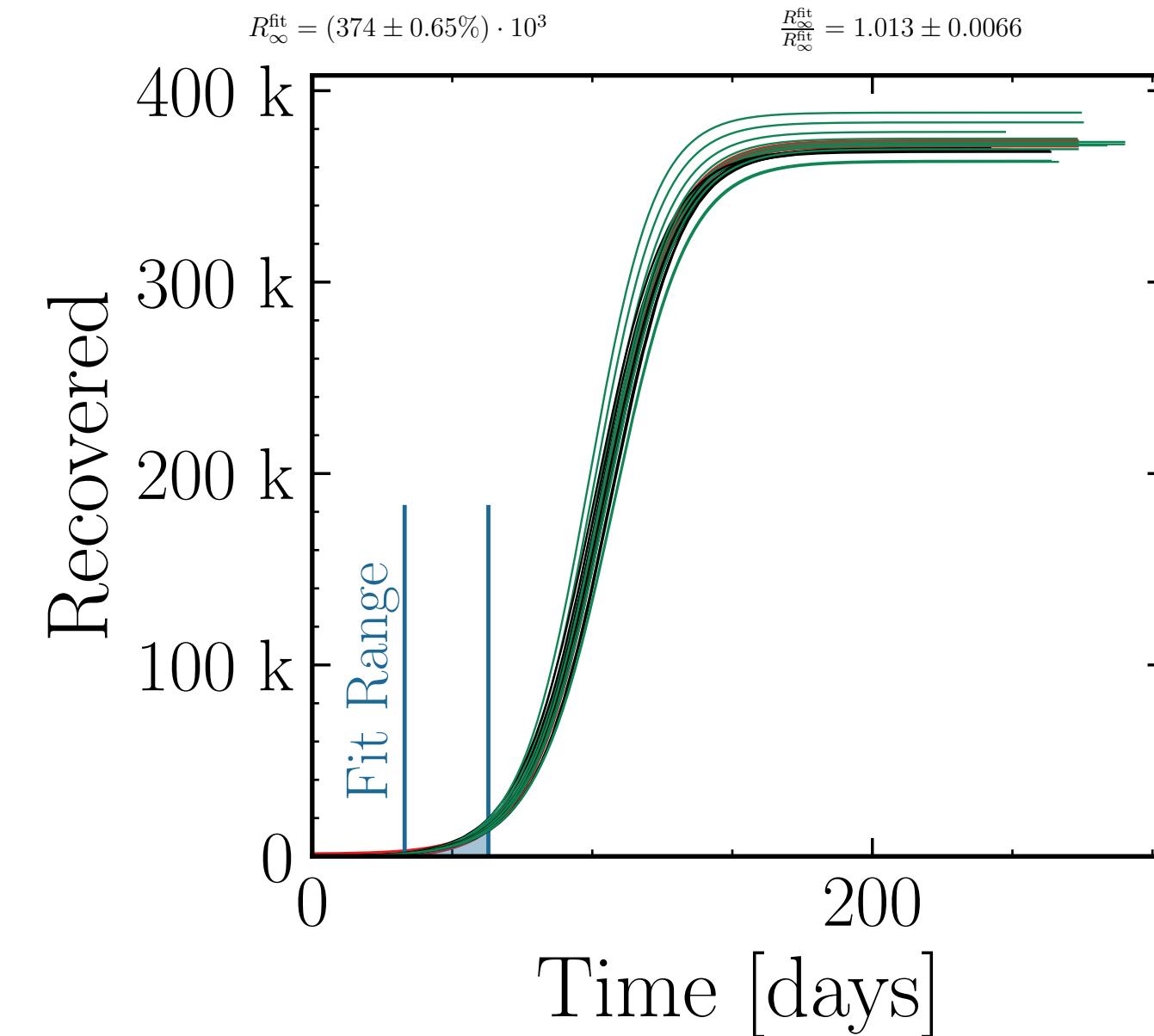
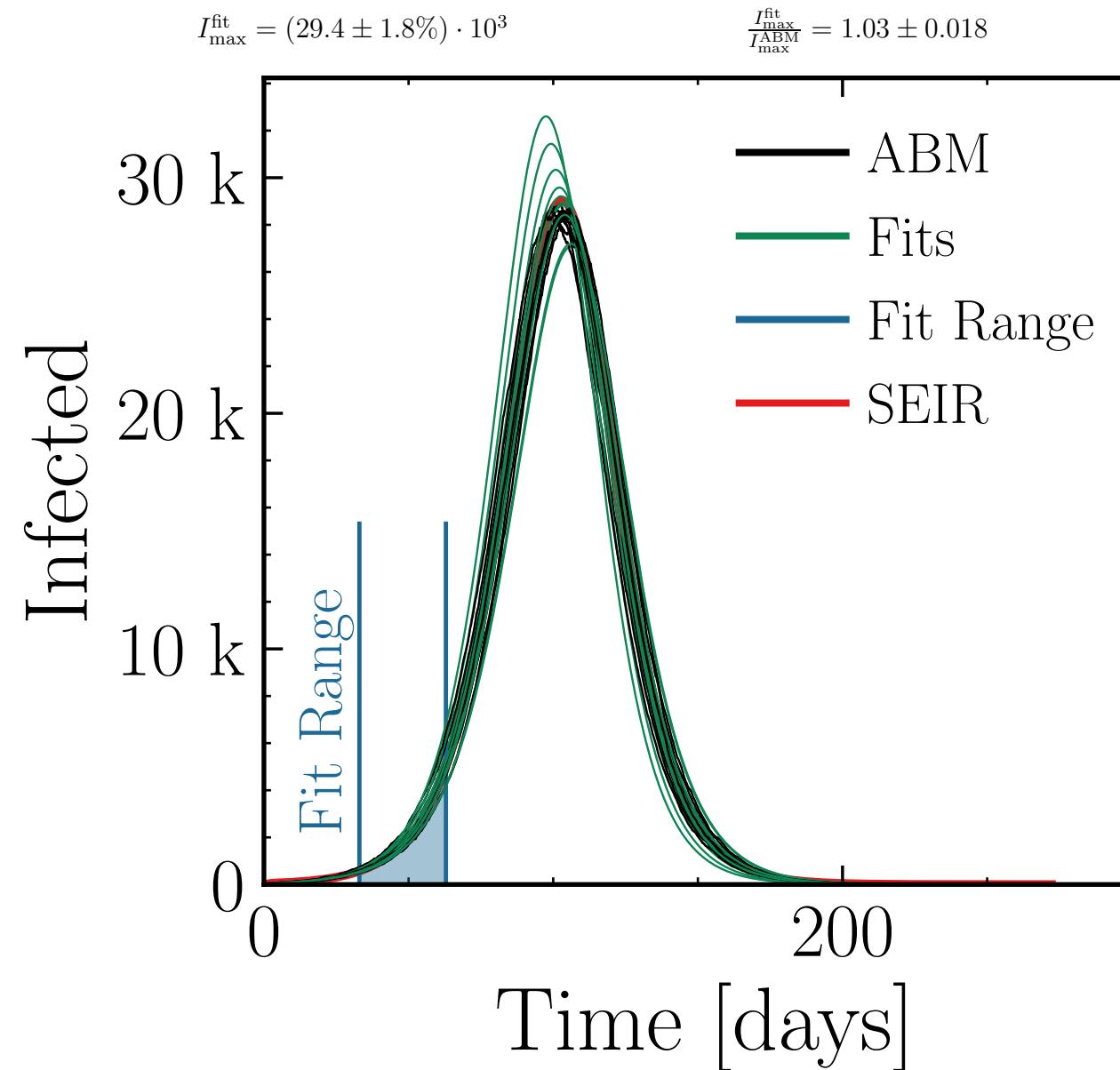
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 100$ , event<sub>size<sub>max</sub></sub> = 1K, v. = 1.0, hash = eab0031f67, #10



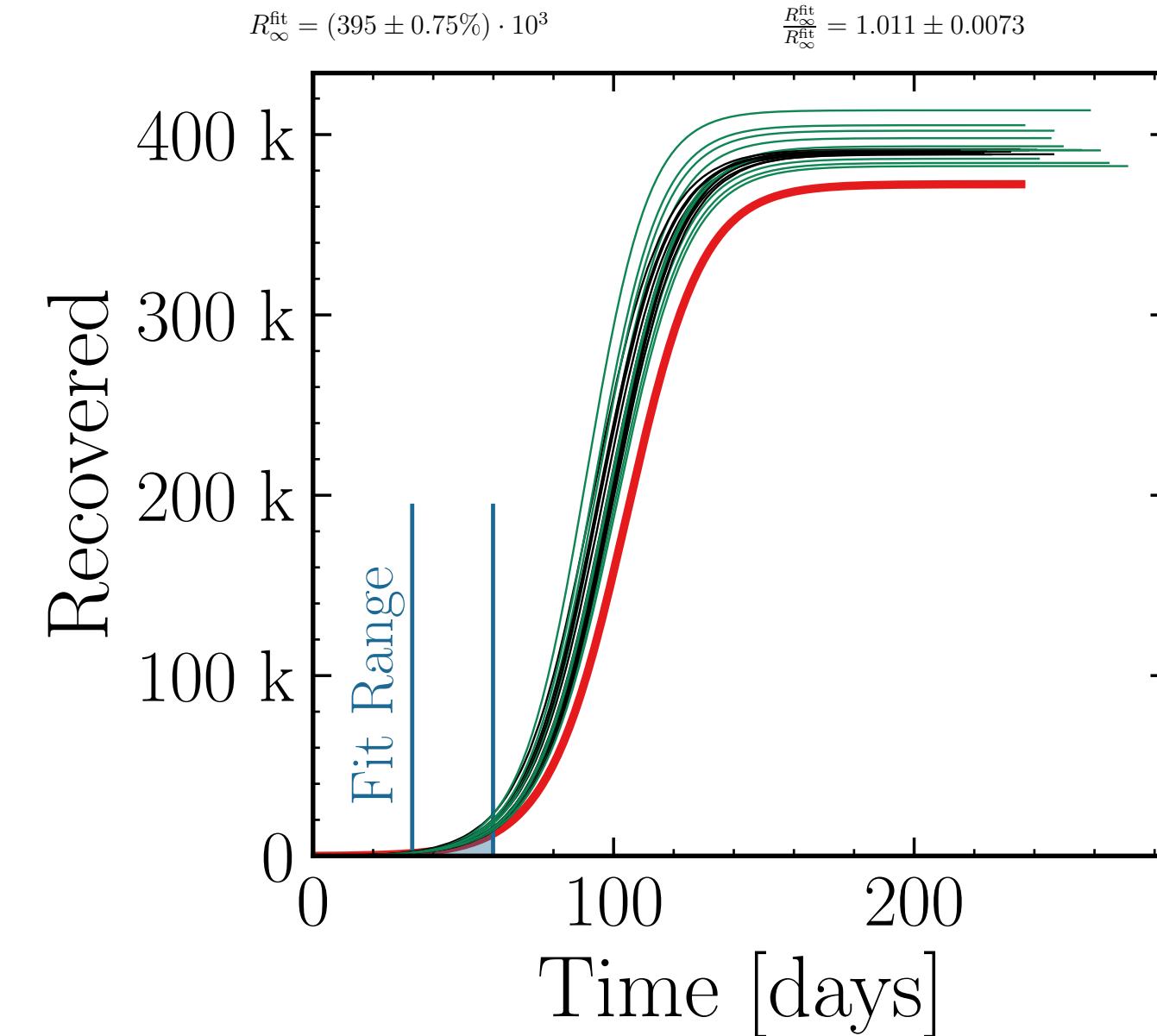
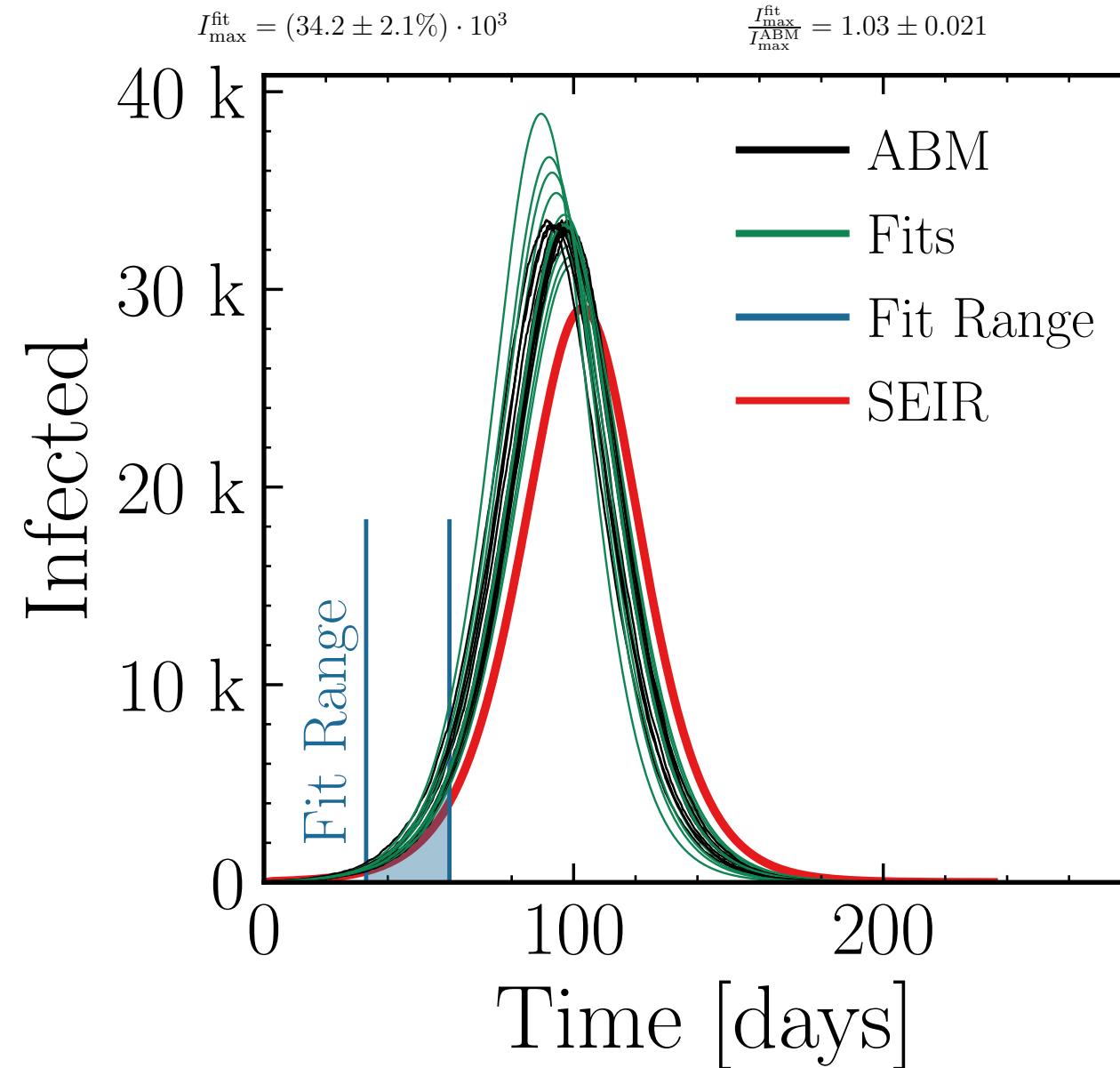
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 1, v. = 1.0, hash = 42a6461d4f, #10



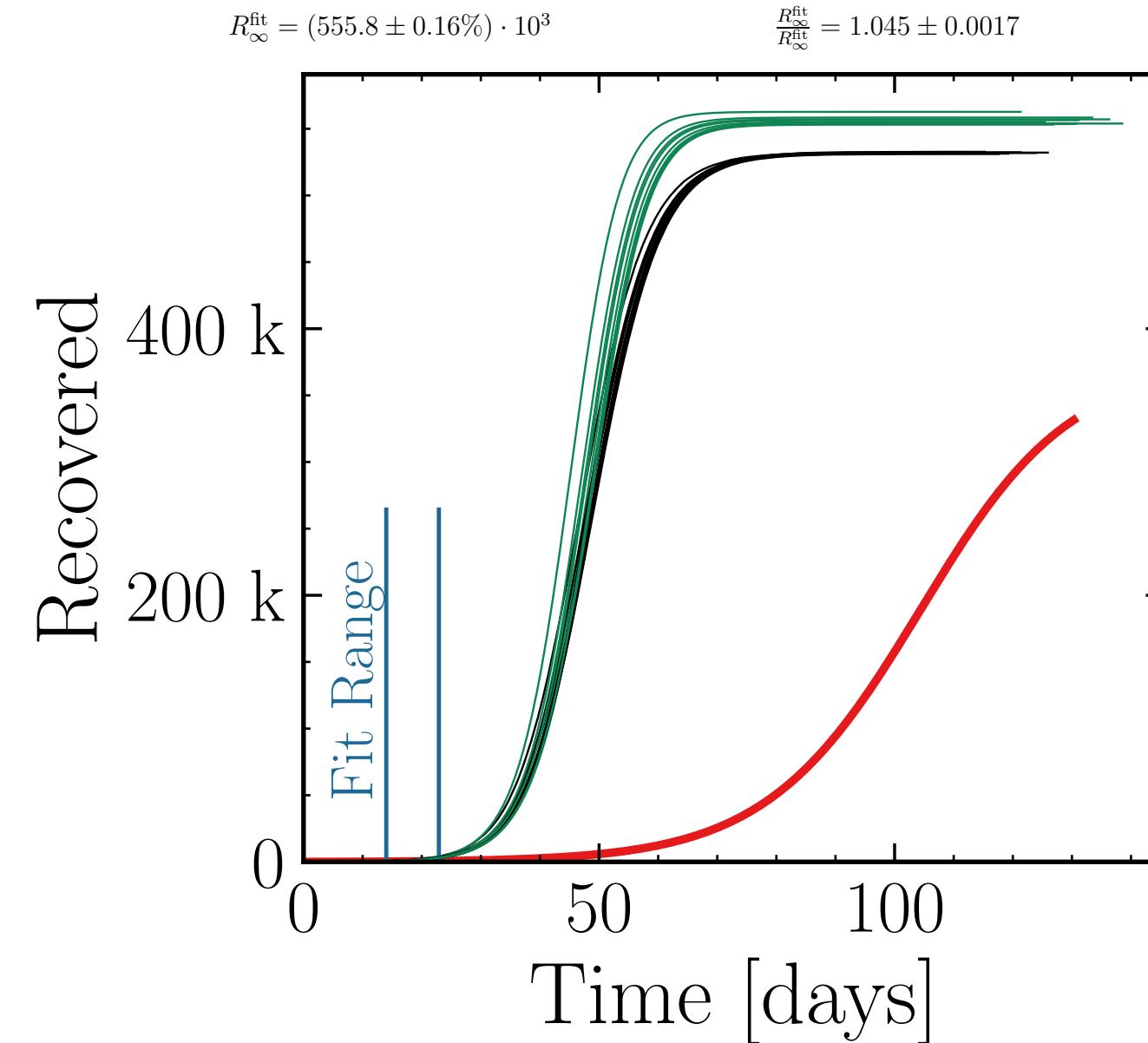
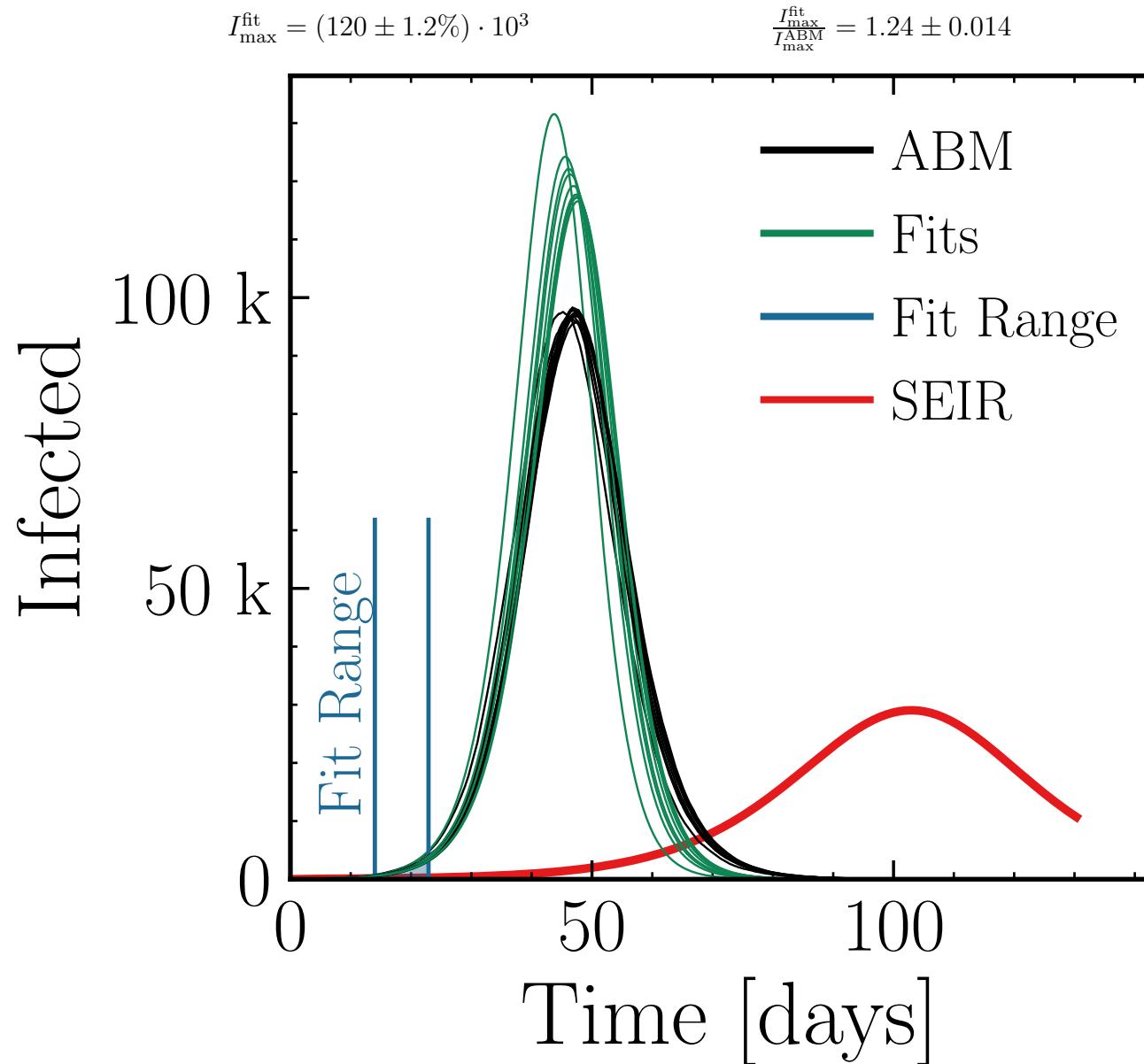
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 10, v. = 1.0, hash = 7e7db90561, #10



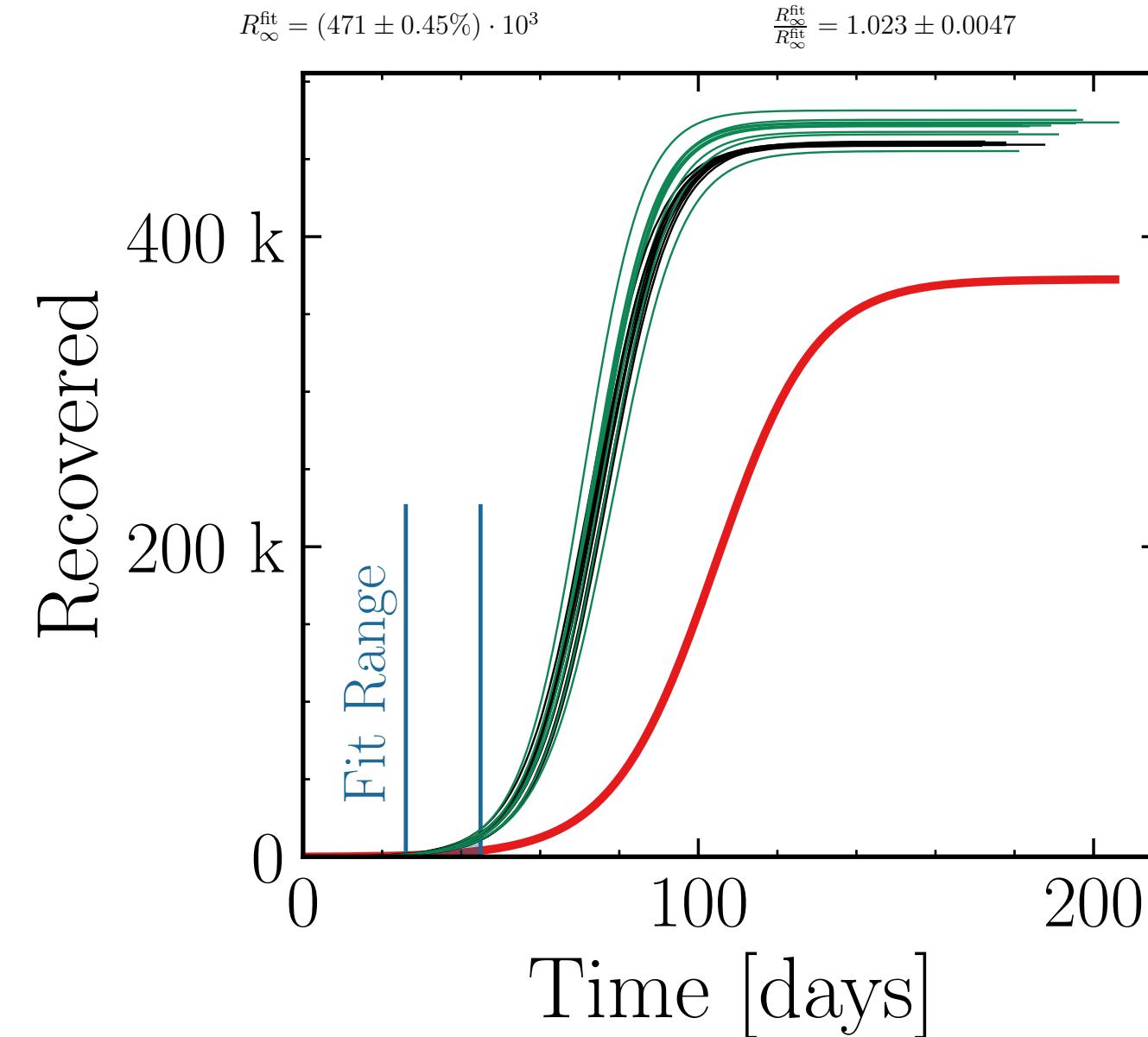
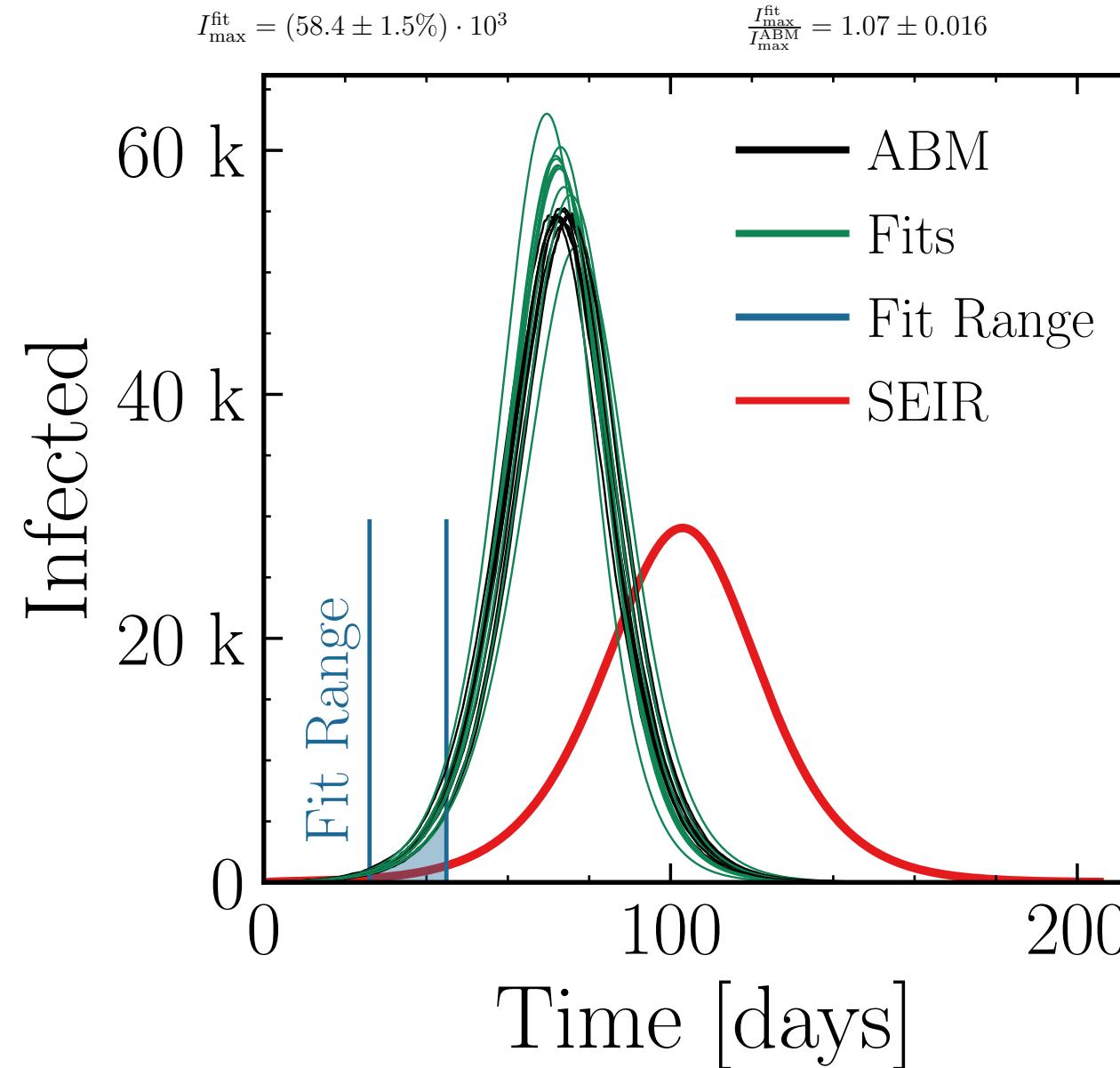
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 20, v. = 1.0, hash = c22ebf838b, #10



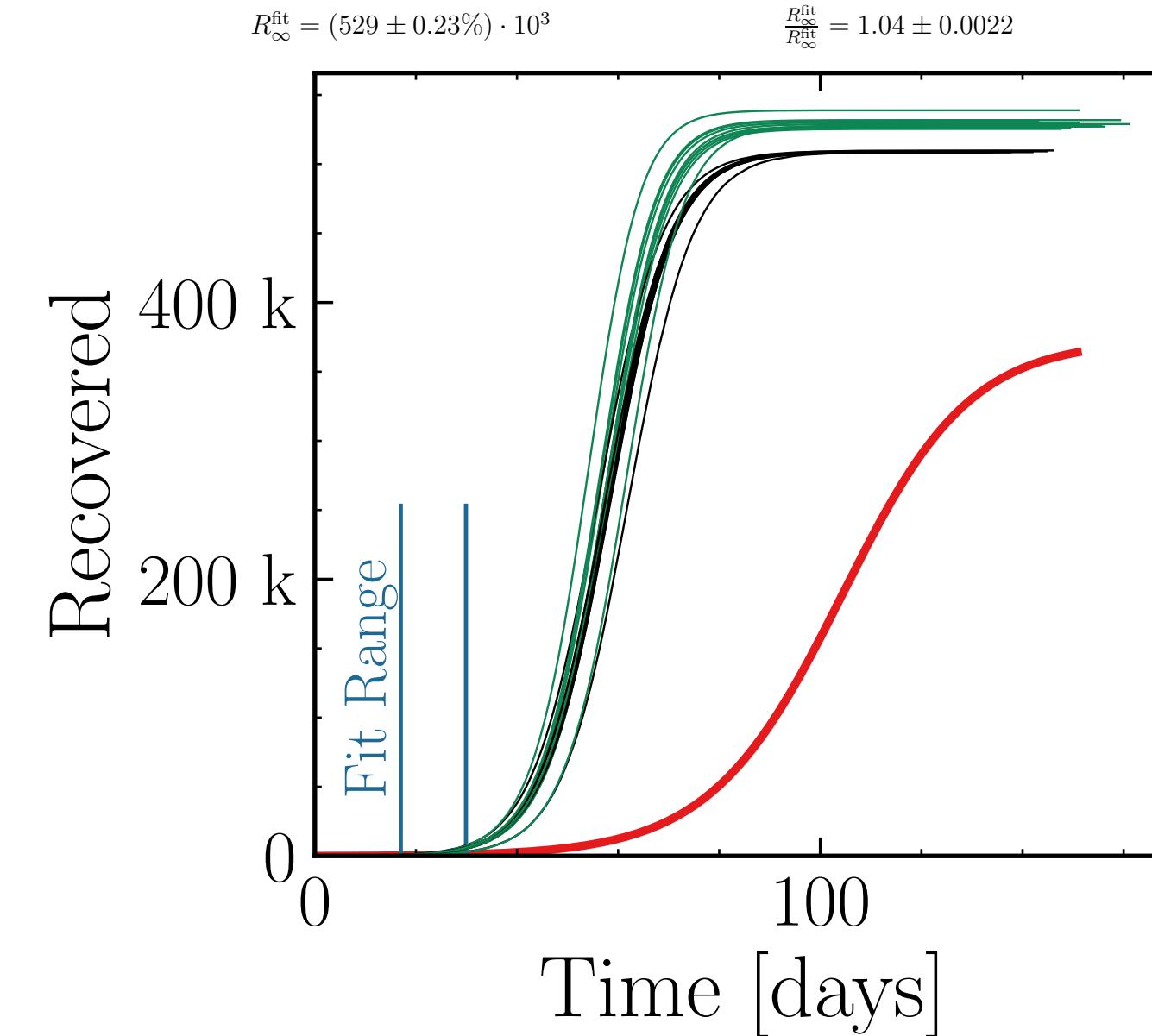
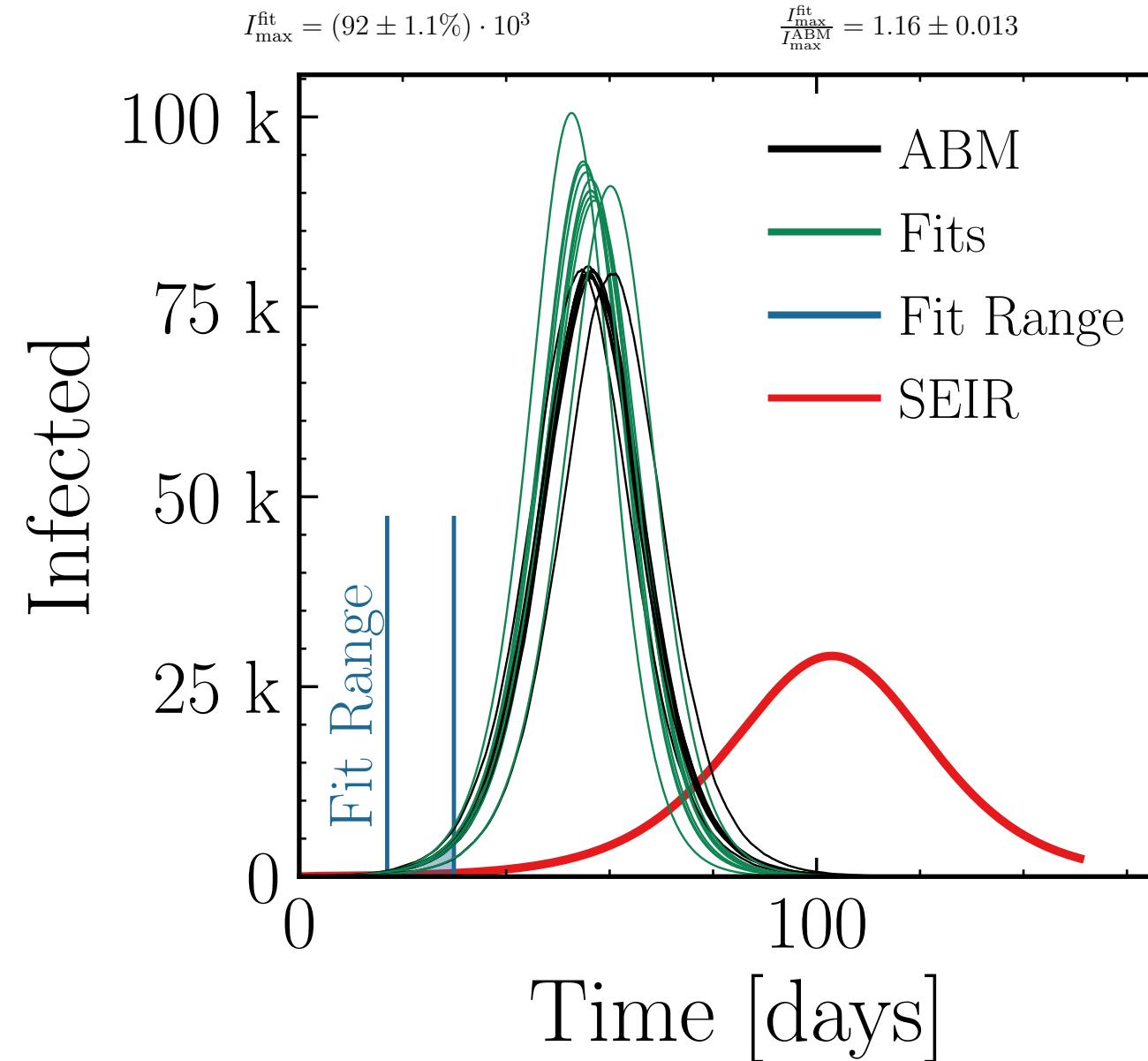
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 0, v. = 1.0, hash = 8863aa0b5d, #10



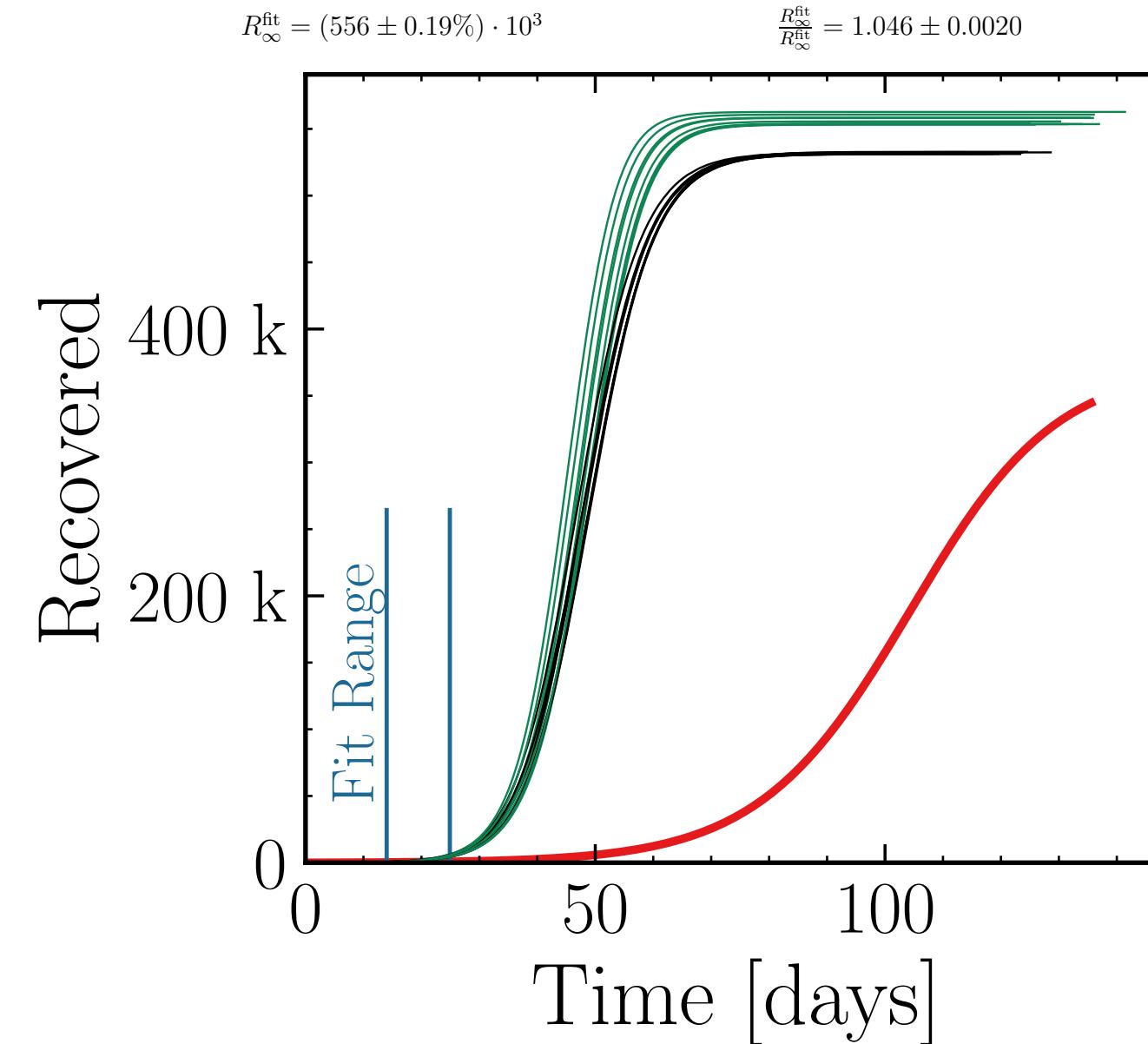
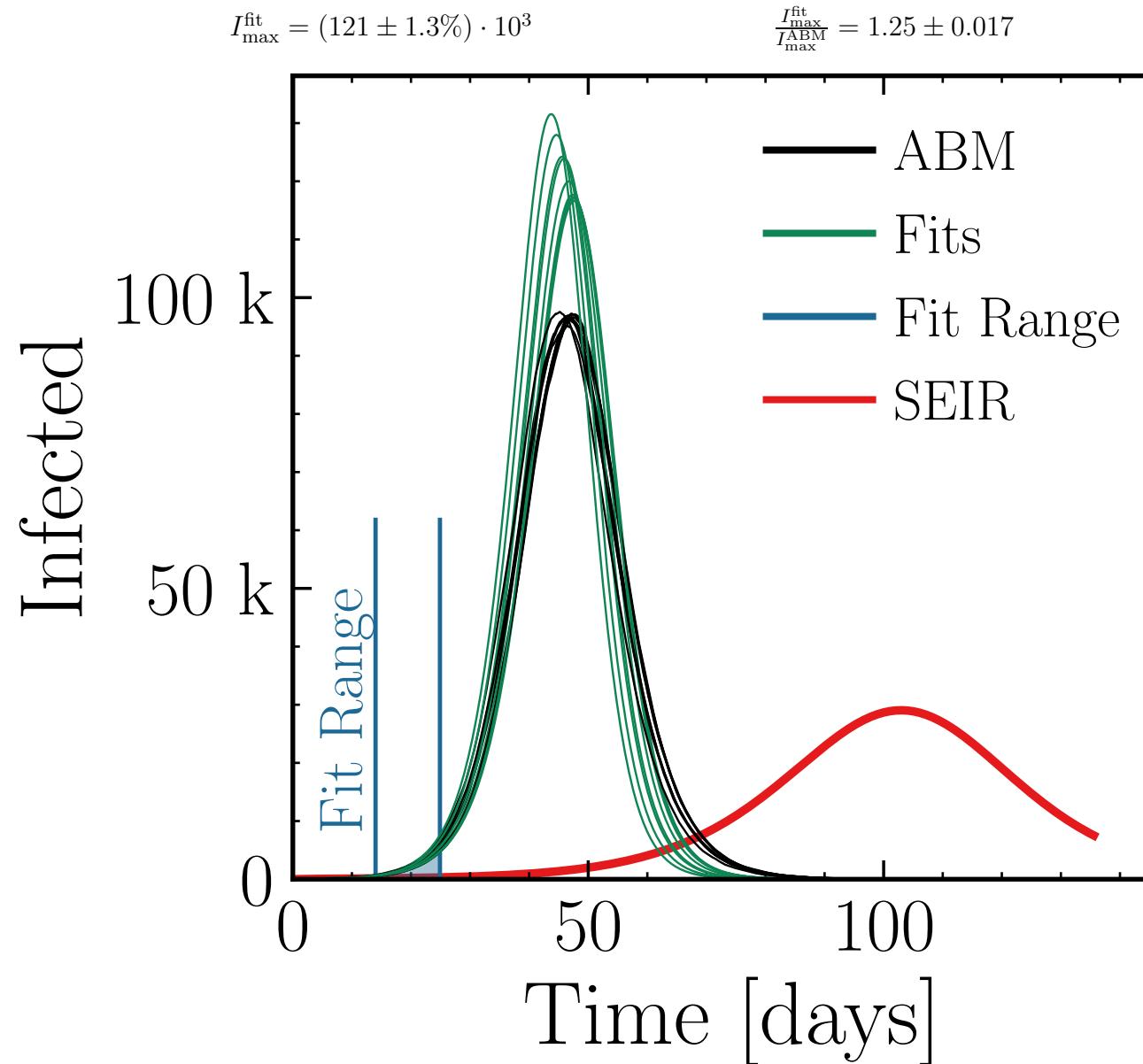
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 50, v. = 1.0, hash = 02d1bbcdac, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 100, v. = 1.0, hash = 0a097c3c71, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 500, v. = 1.0, hash = 9de7418daf, #10



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

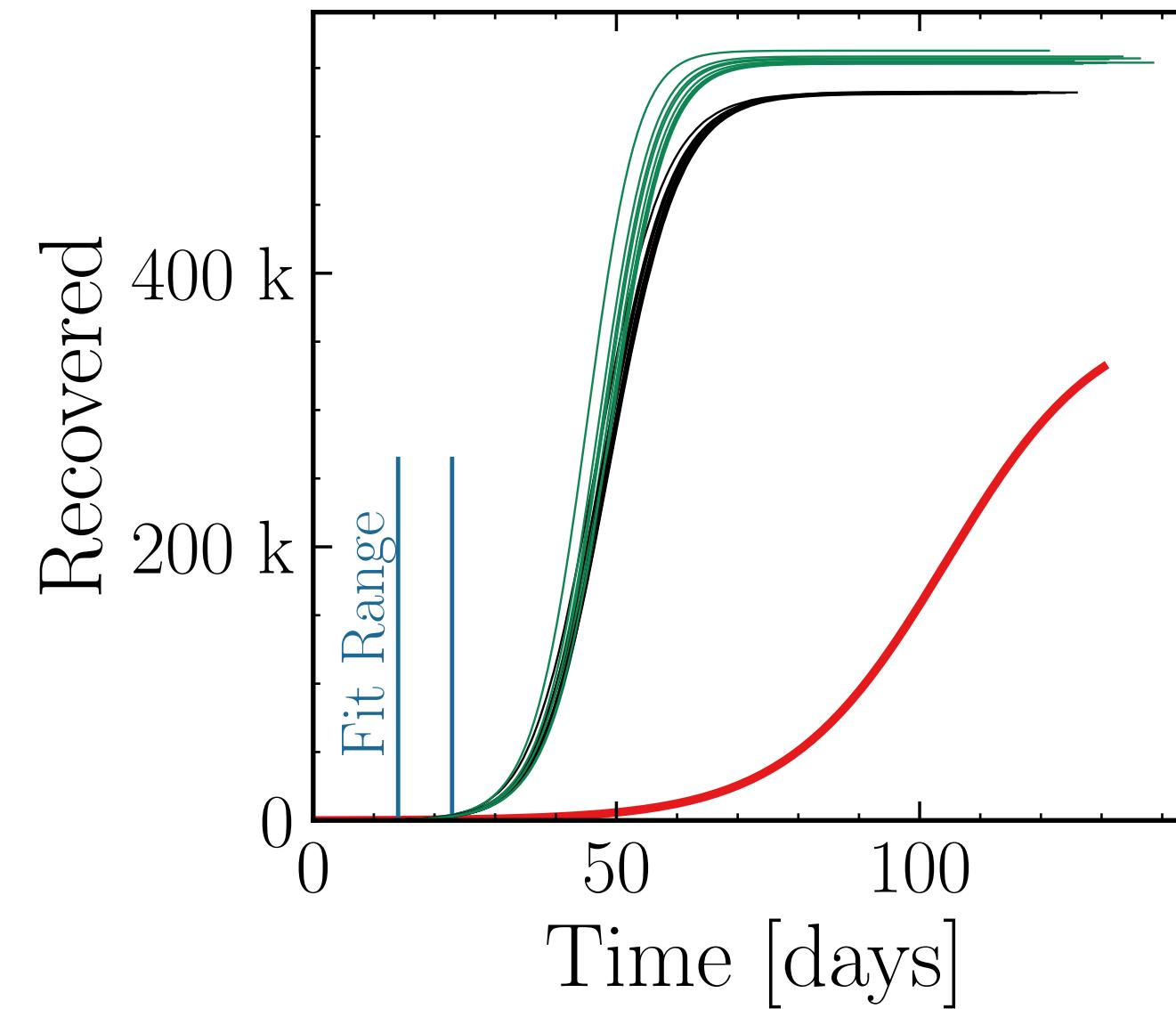
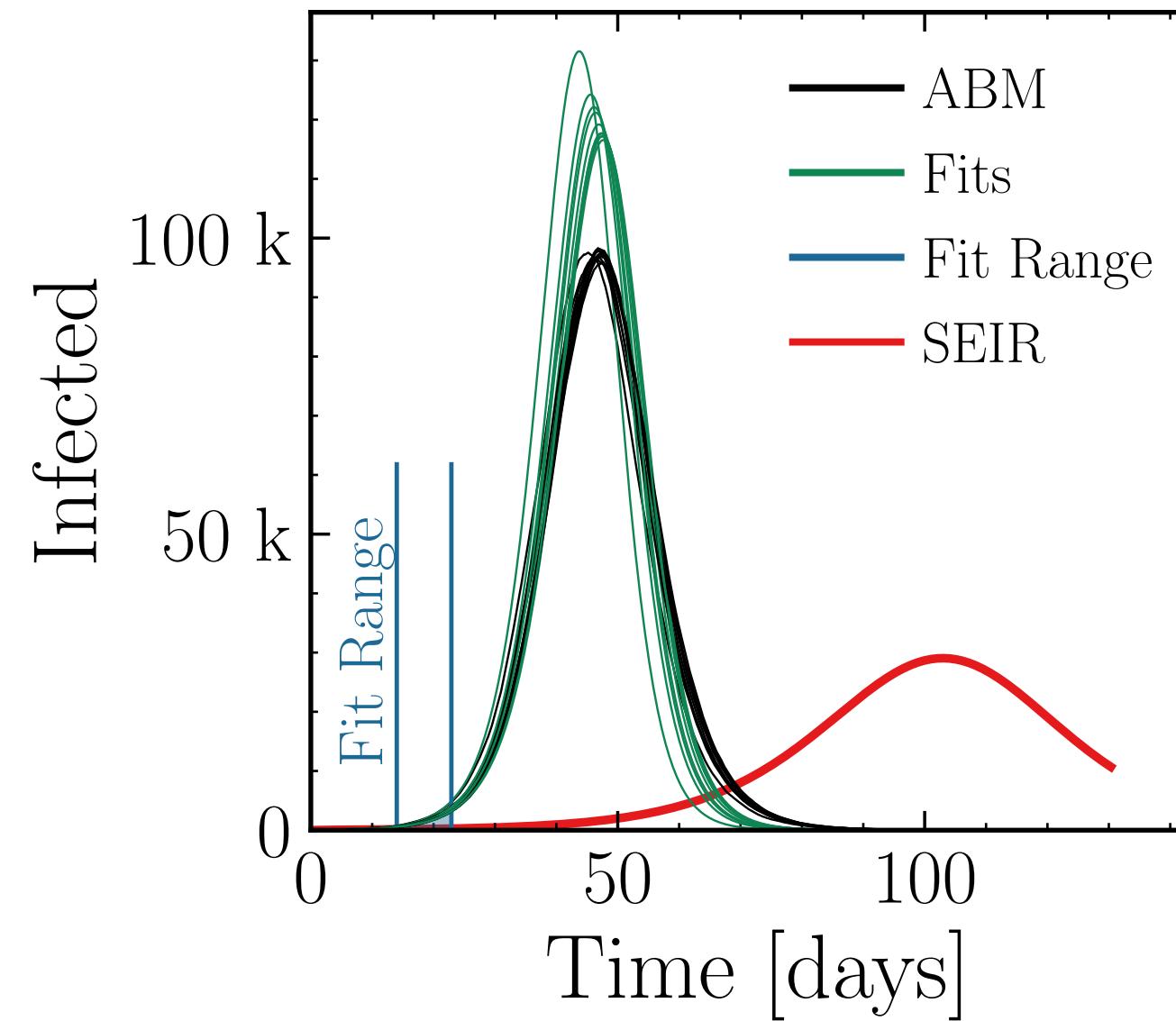
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 1K$ , event<sub>size<sub>max</sub></sub> = 1K, v. = 1.0, hash = 68dc82f230, #10

$$I_{\text{max}}^{\text{fit}} = (120 \pm 1.2\%) \cdot 10^3$$

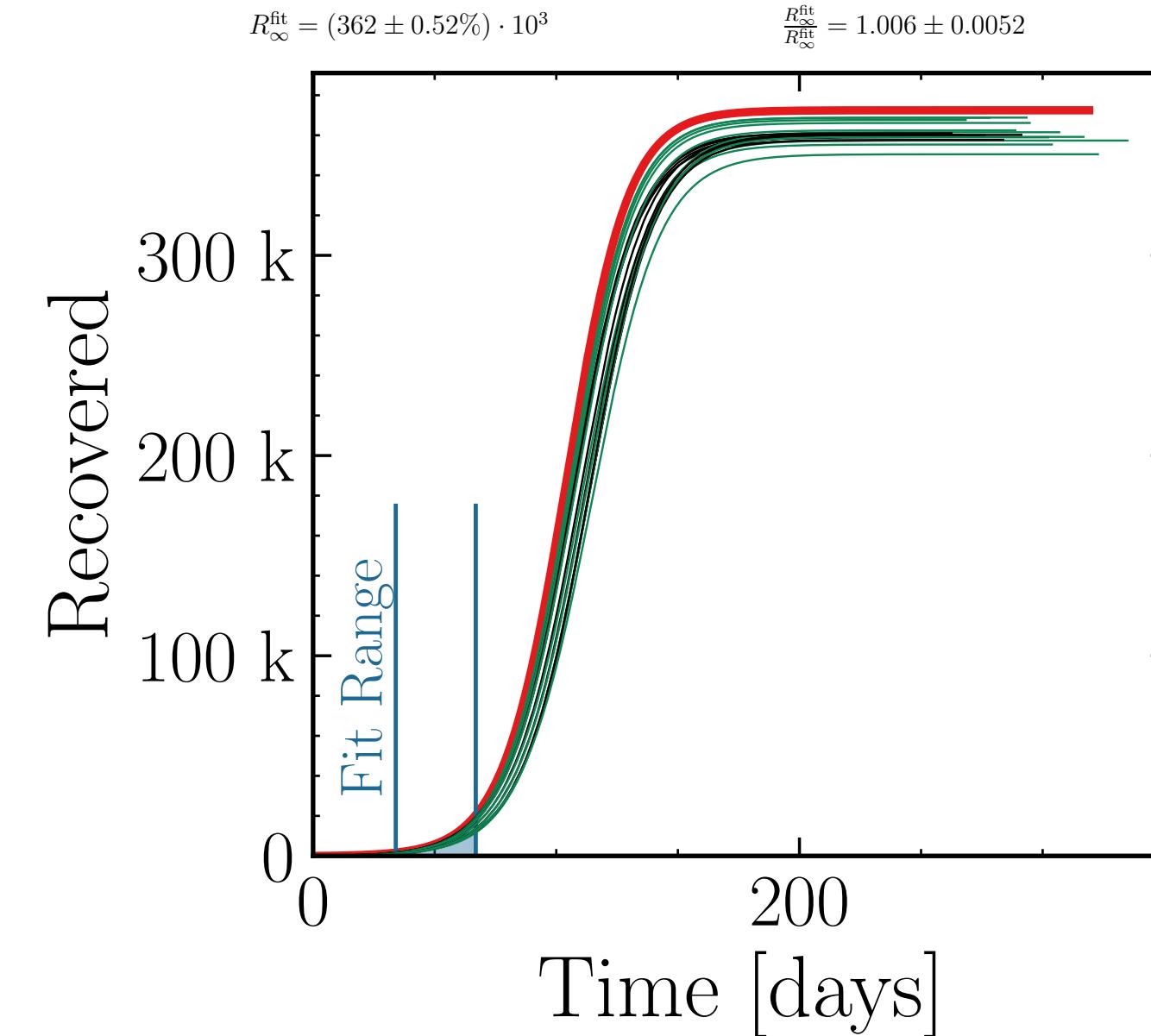
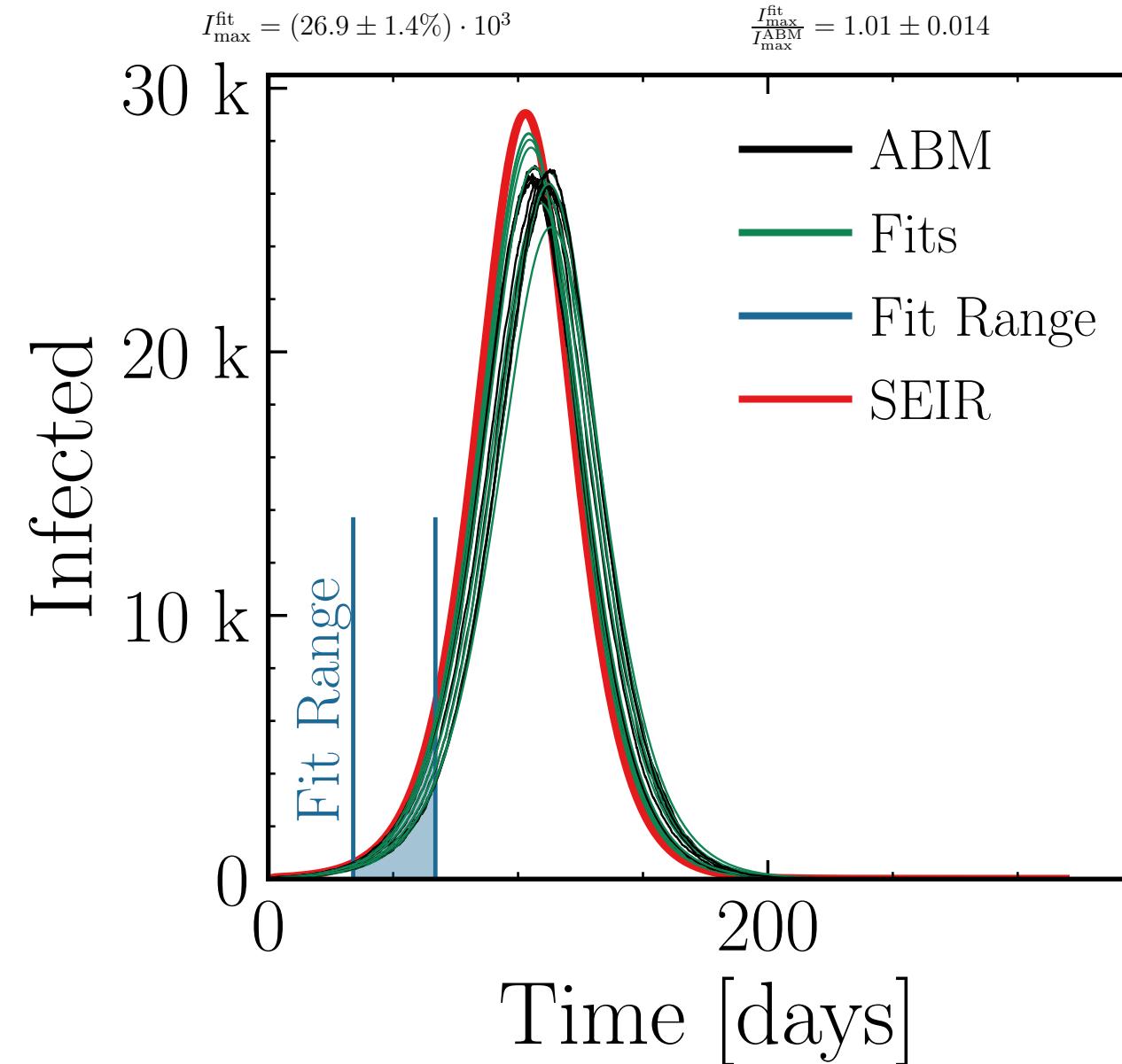
$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{ABM}}} = 1.24 \pm 0.014$$

$$R_{\infty}^{\text{fit}} = (555.8 \pm 0.16\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.045 \pm 0.0017$$



$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10K$ , event<sub>size<sub>max</sub></sub> = 1, v. = 1.0, hash = 790275c228, #10



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

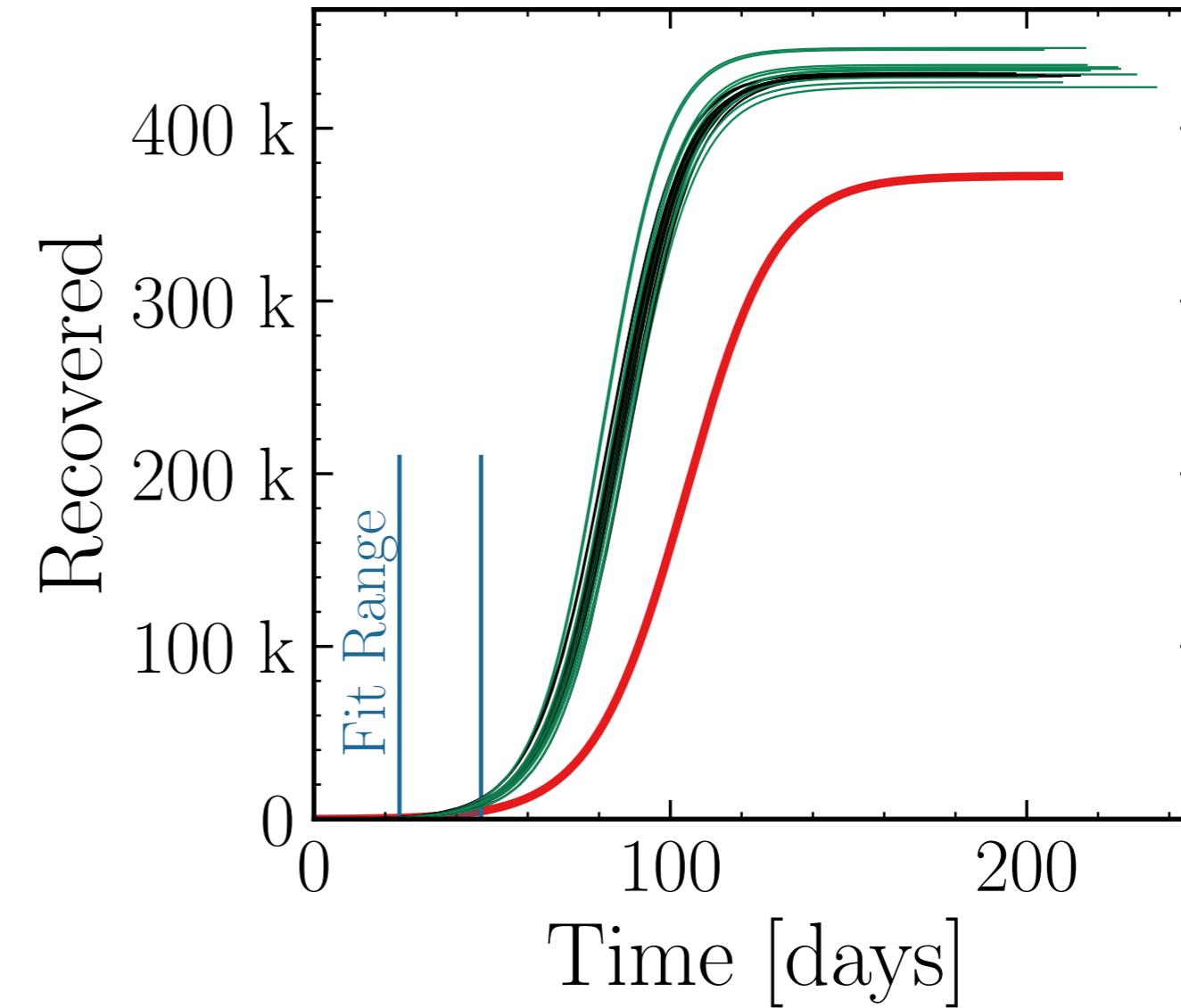
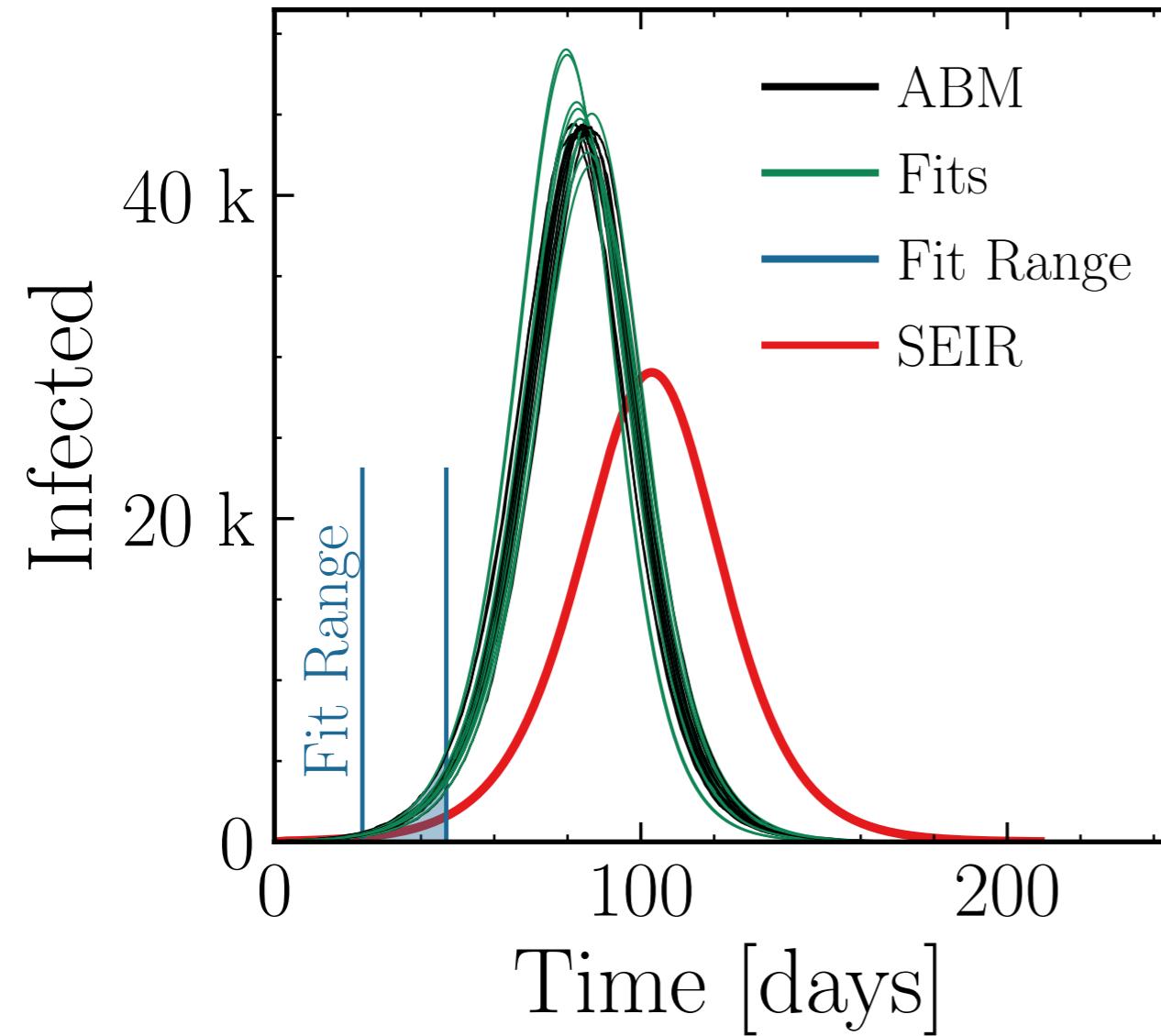
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10K$ , event<sub>size<sub>max</sub></sub> = 10, v. = 1.0, hash = 0d30f795c2, #10

$$I_{\text{max}}^{\text{fit}} = (45.1 \pm 1.6\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{max}}} = 1.02 \pm 0.016$$

$$R_{\infty}^{\text{fit}} = (434 \pm 0.51\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.008 \pm 0.0048$$



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

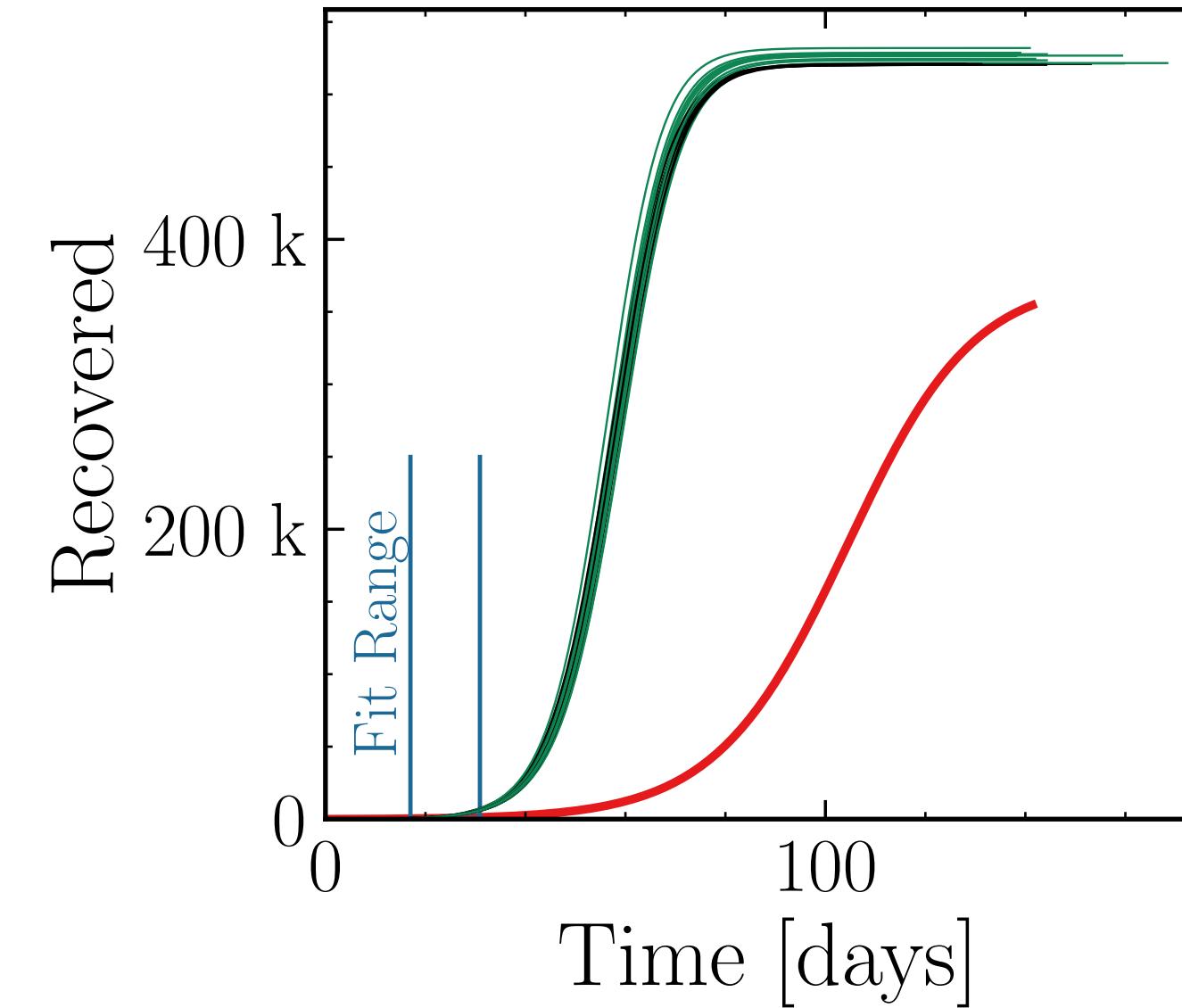
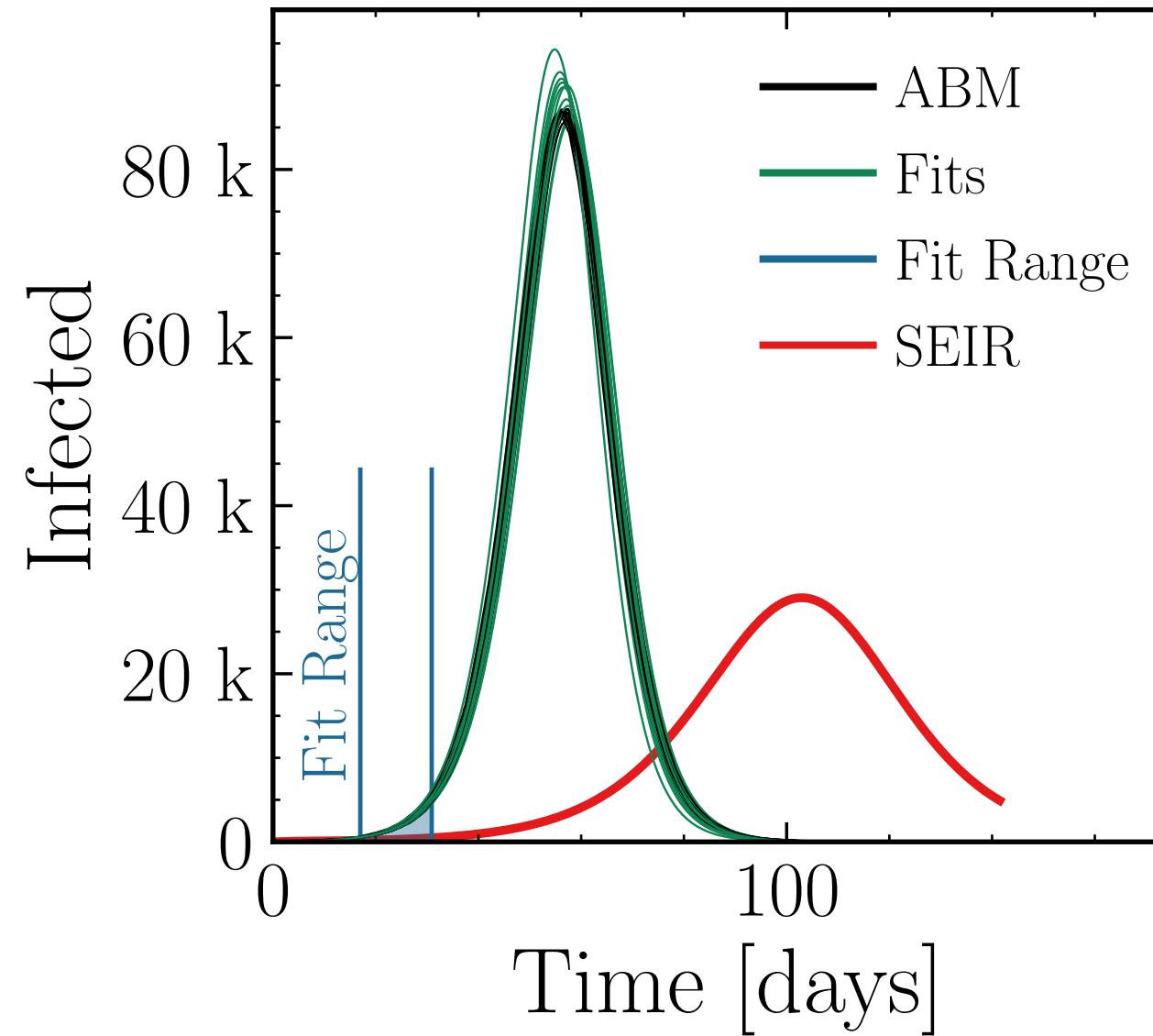
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10K$ , event<sub>size<sub>max</sub></sub> = 20, v. = 1.0, hash = 6cae54fa96, #10

$$I_{\text{max}}^{\text{fit}} = (89.5 \pm 0.86\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{fit}}} = 1.032 \pm 0.0094$$

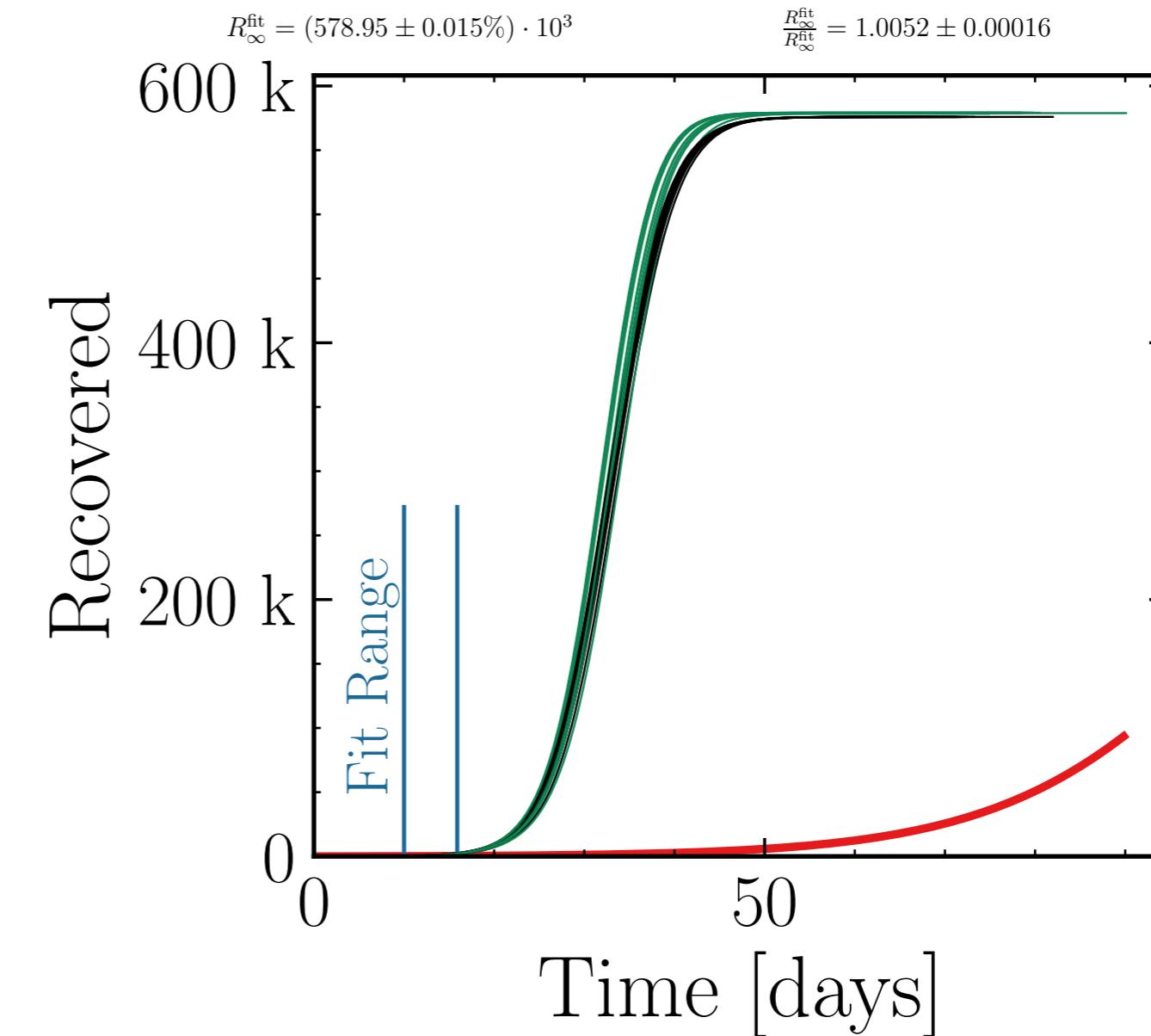
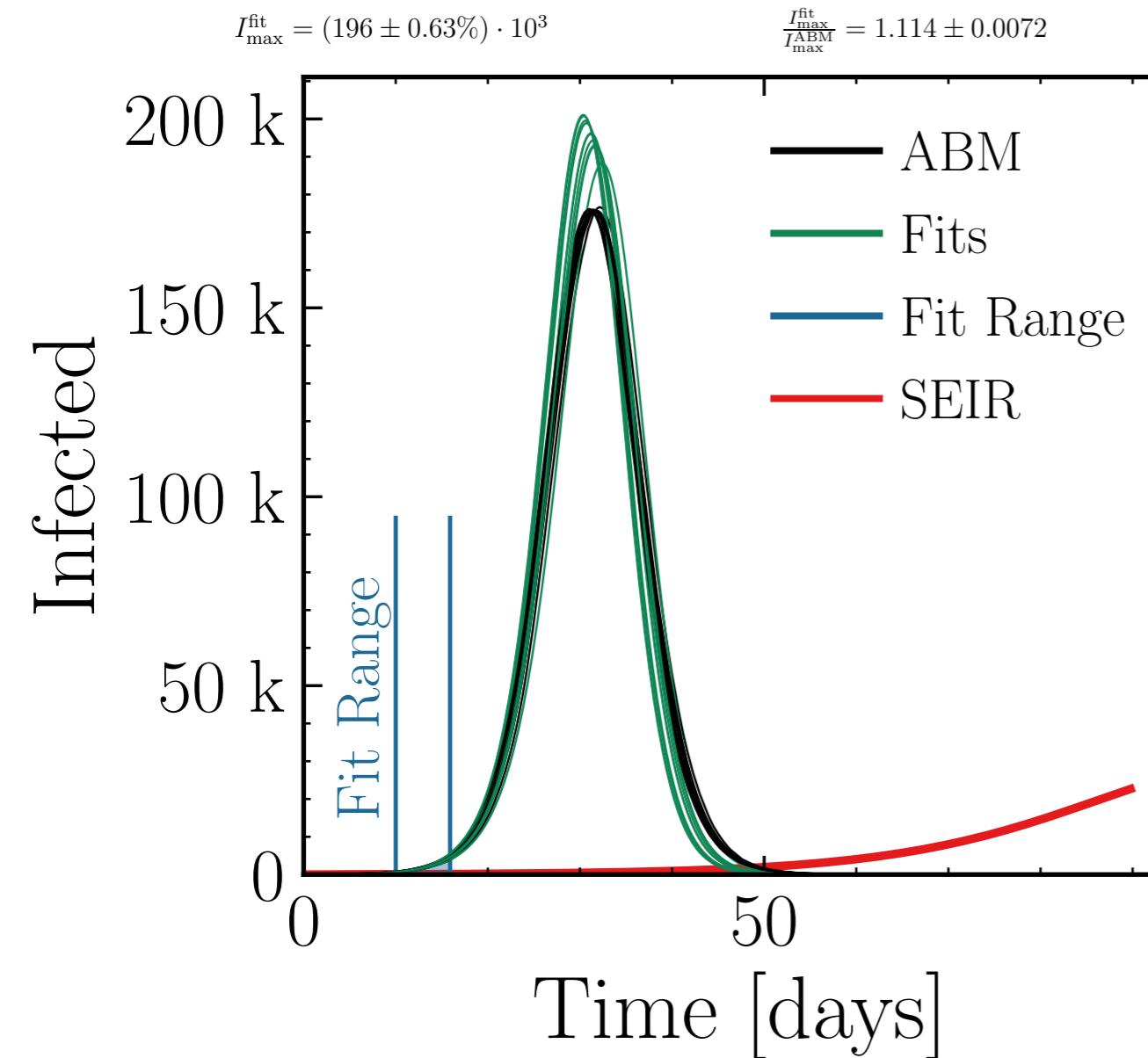
$$R_{\infty}^{\text{fit}} = (526 \pm 0.19\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.01 \pm 0.0020$$

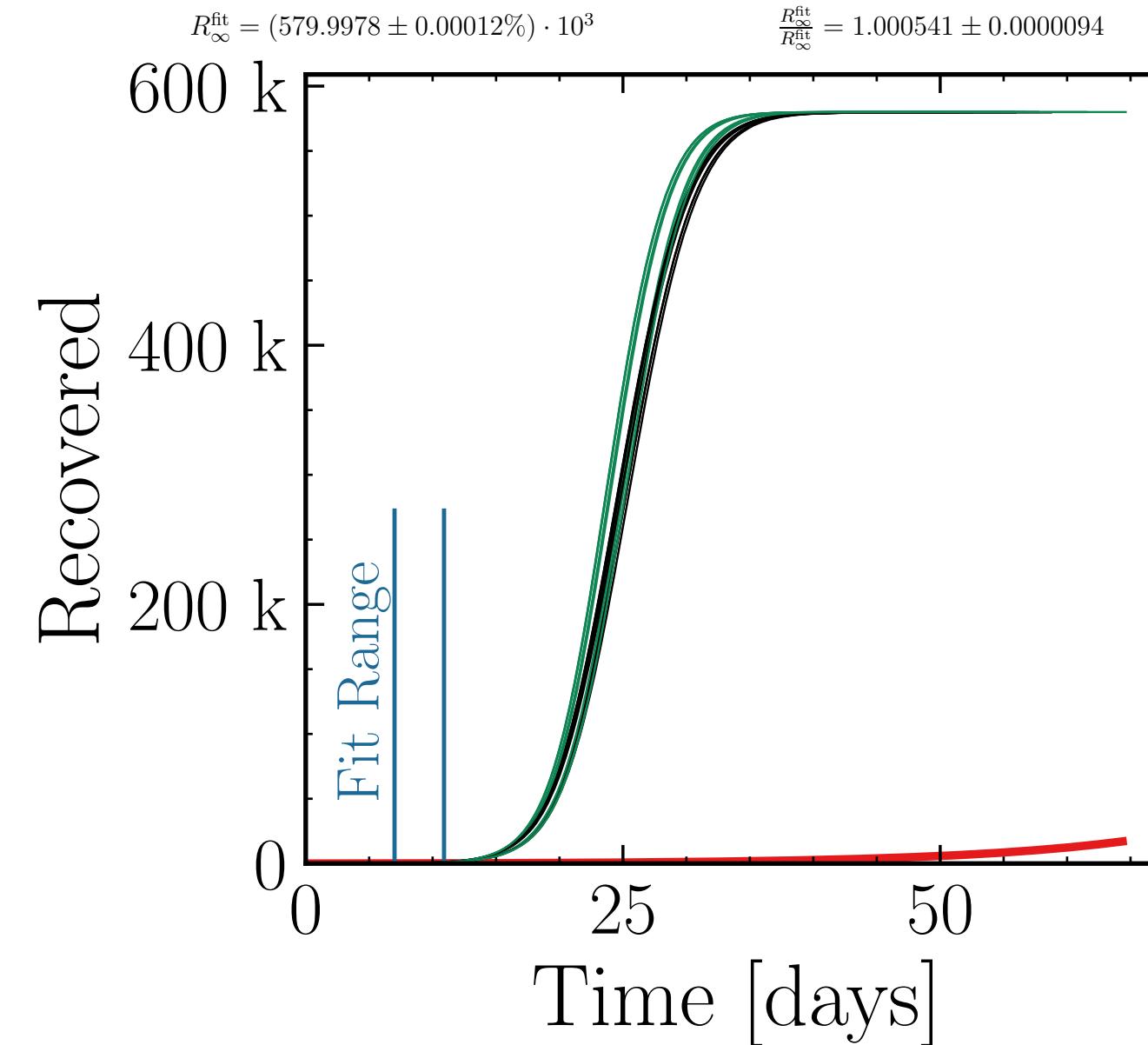
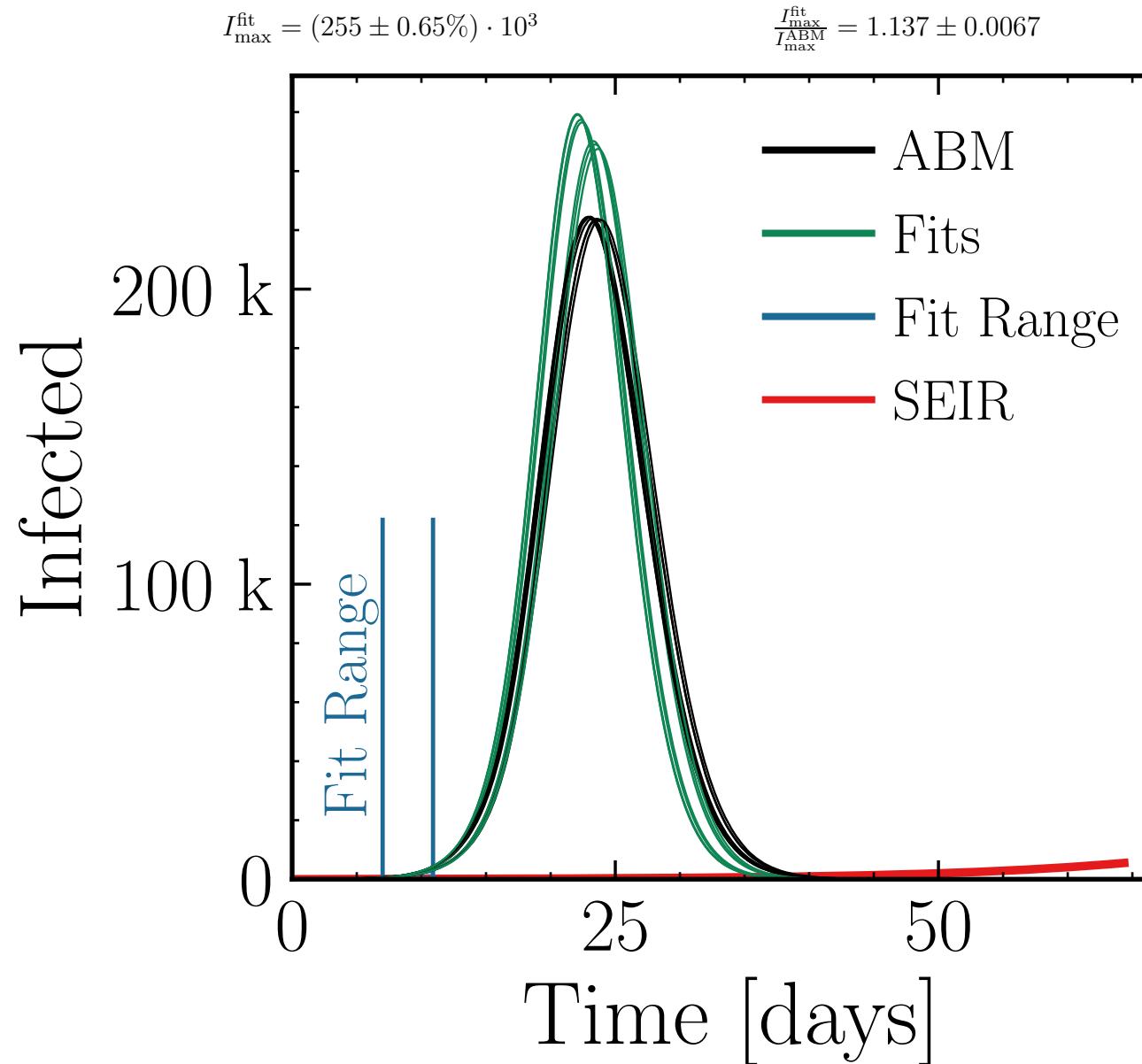


$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

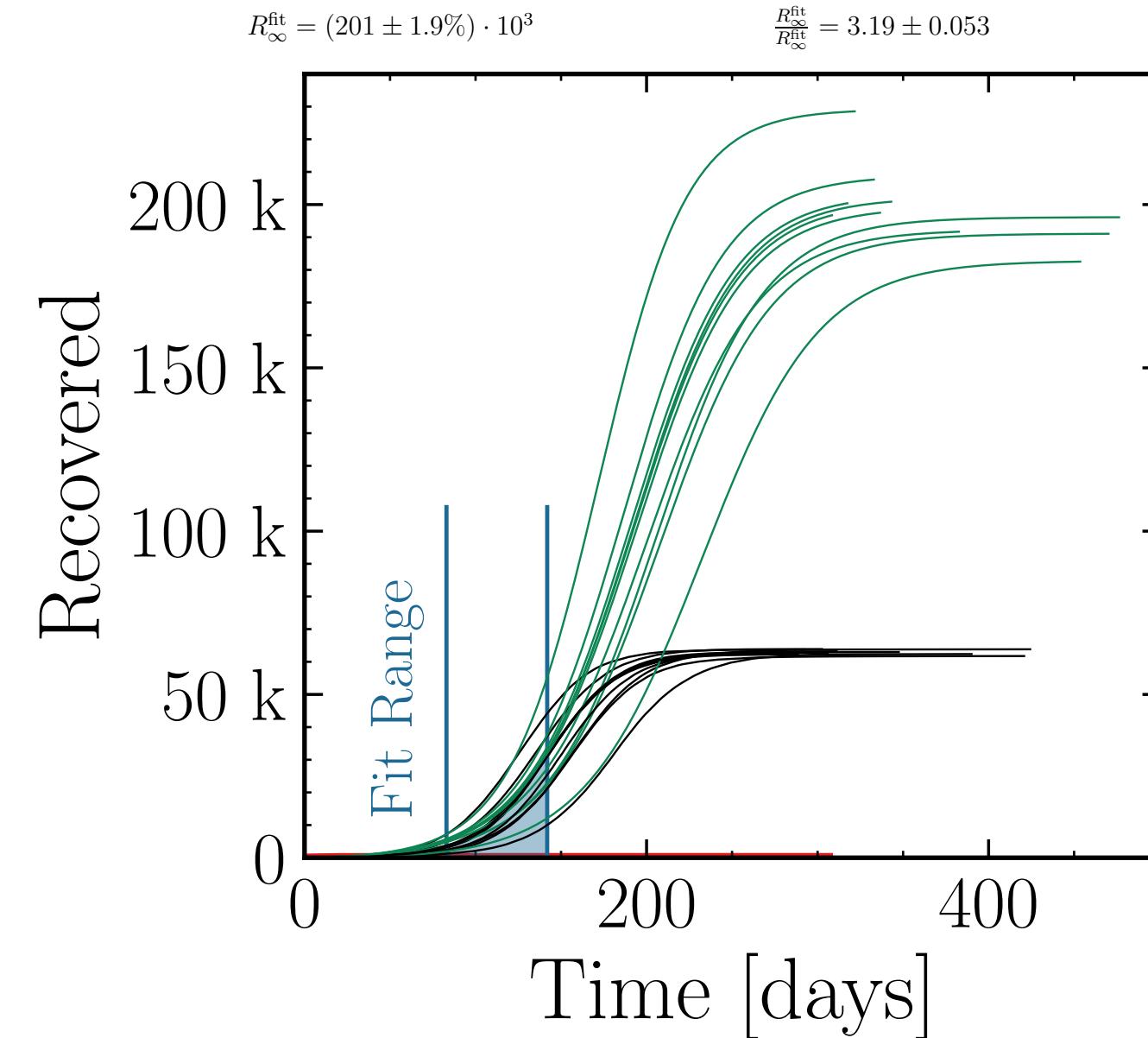
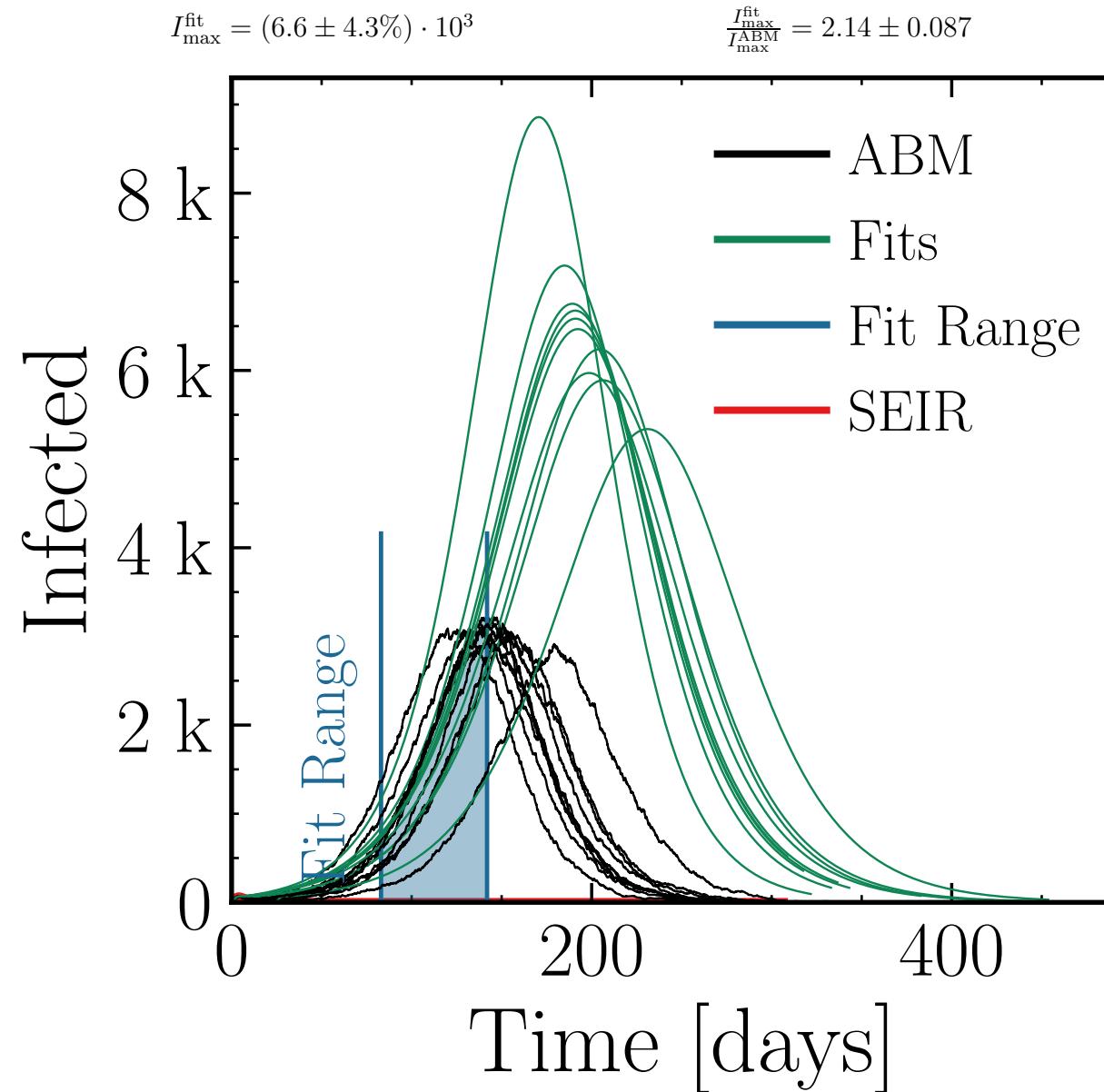
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10K$ , event<sub>size<sub>max</sub></sub> = 50, v. = 1.0, hash = 683f207b23, #10



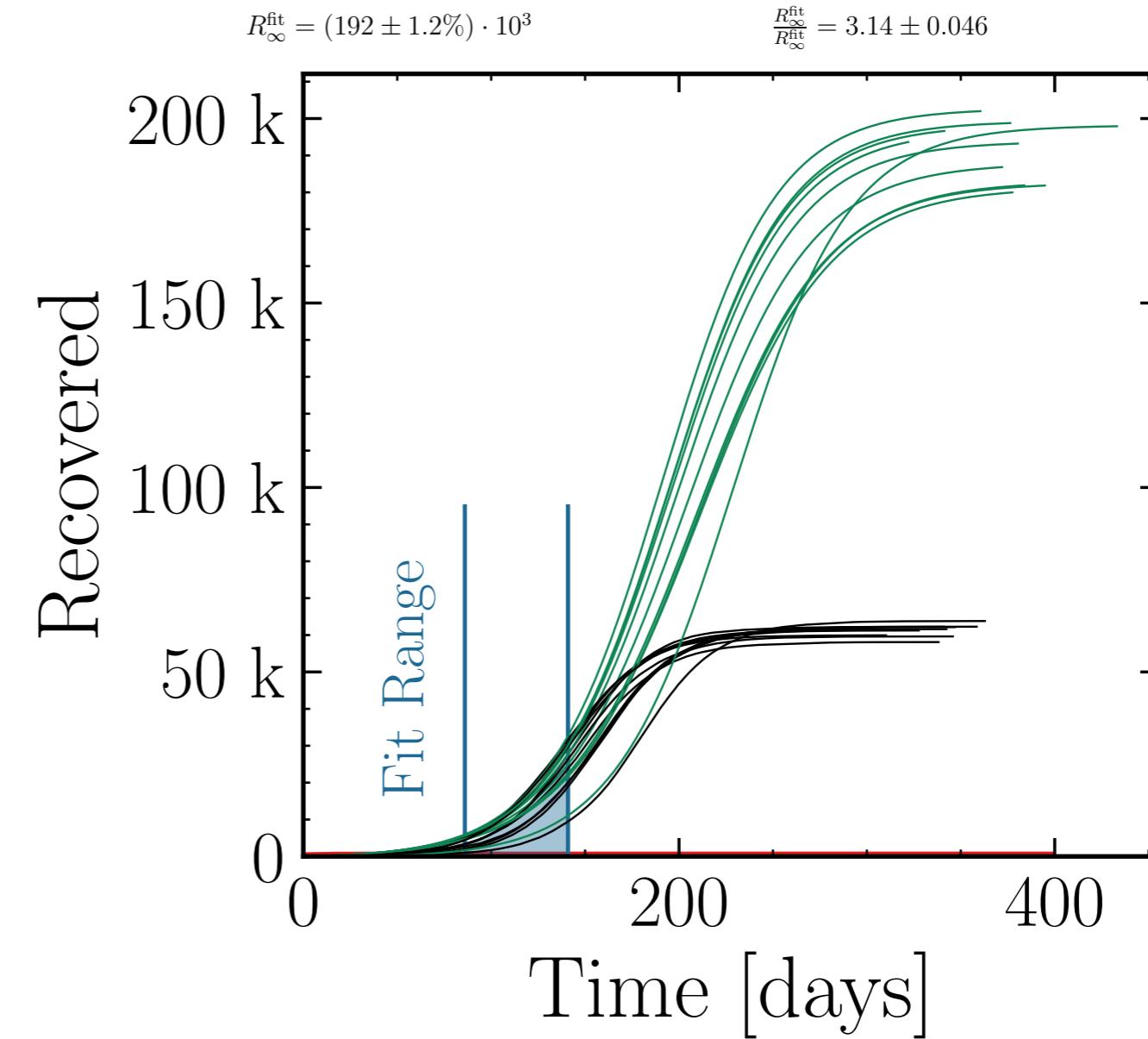
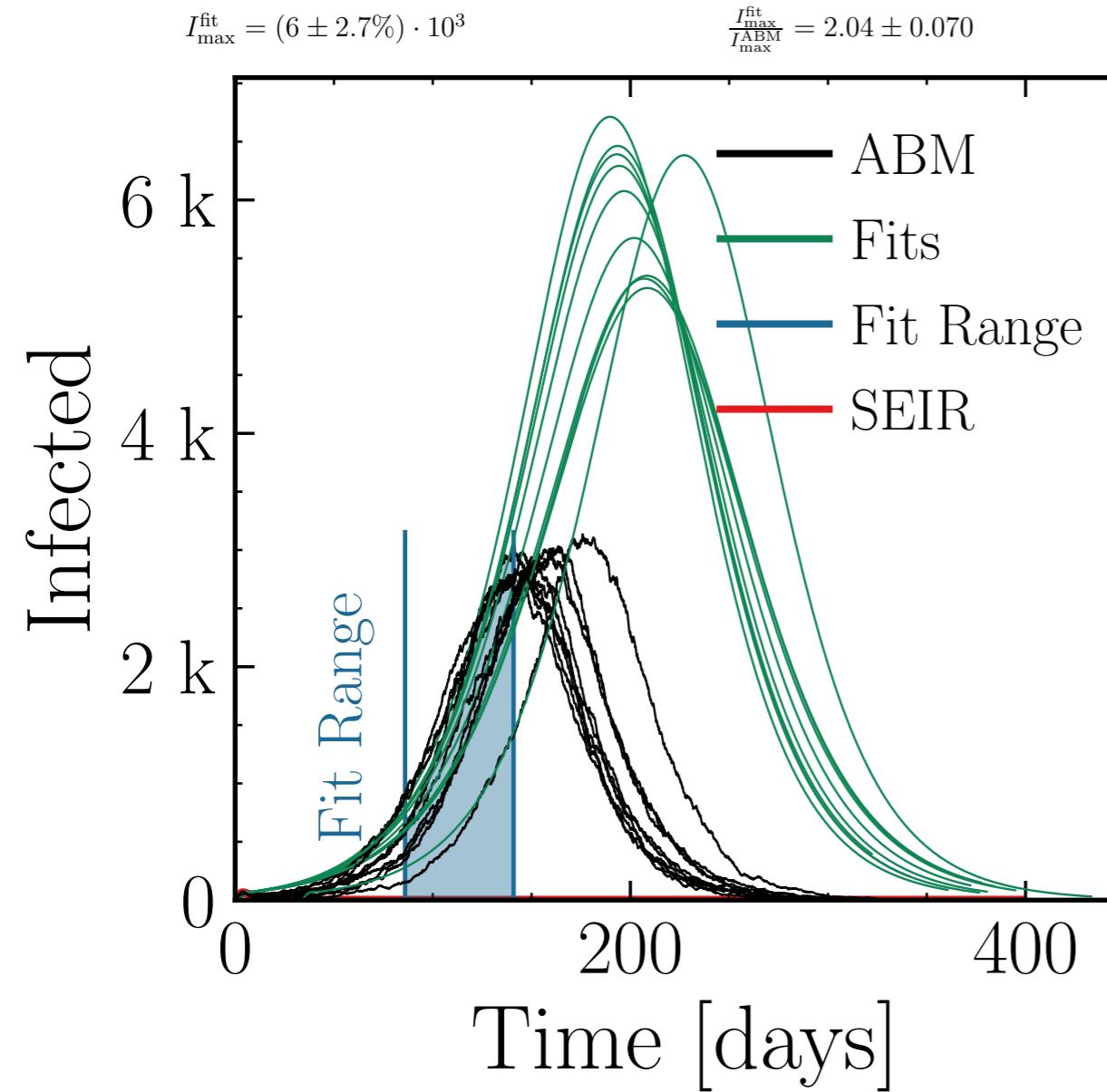
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 10K$ , event<sub>size<sub>max</sub></sub> = 100, v. = 1.0, hash = 38502dae<sub>ad</sub>, #8



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.003$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = def f12b378, #10



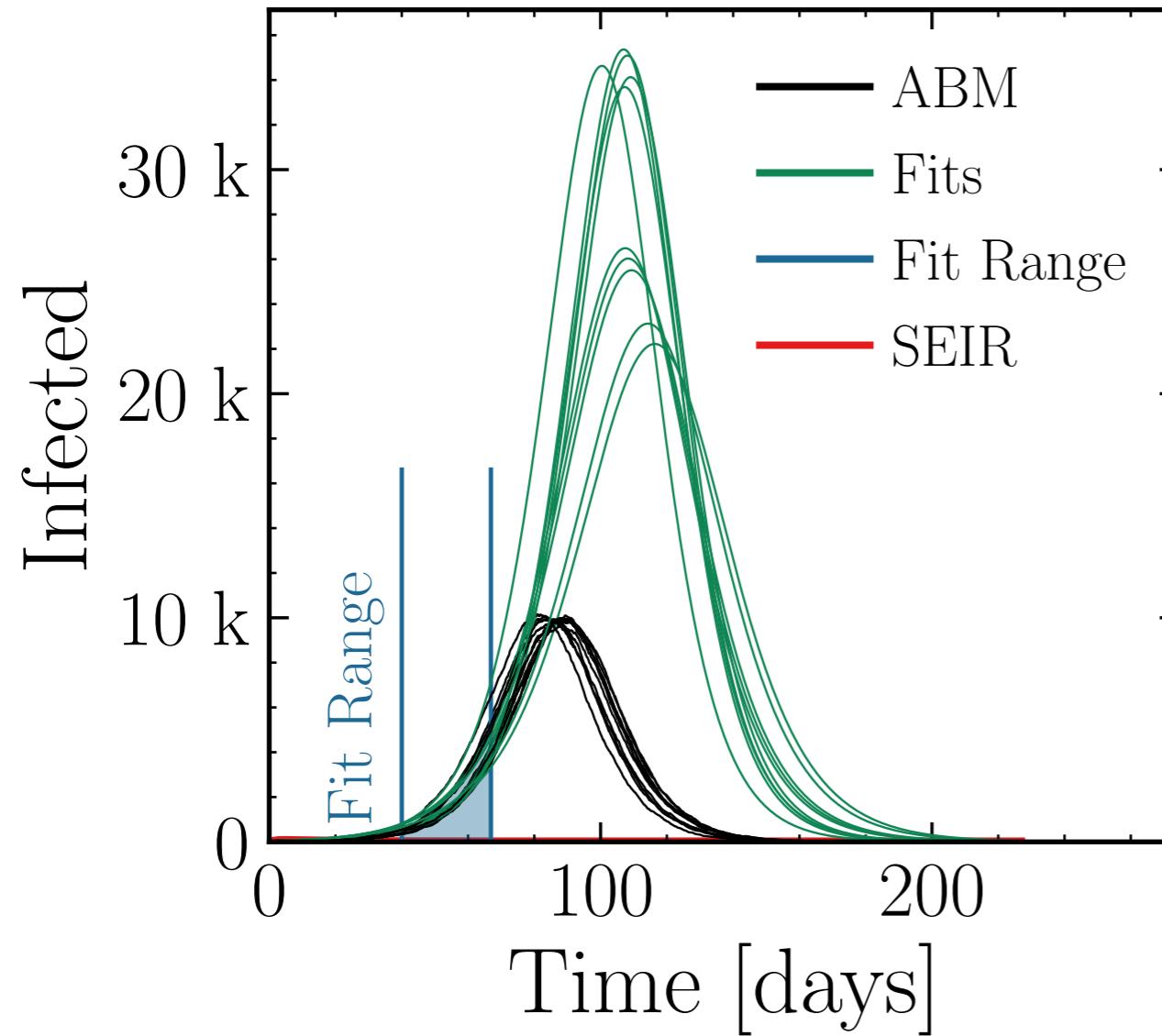
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.003$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d2eb7145b9, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.004$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d2c78f6ba5, #10

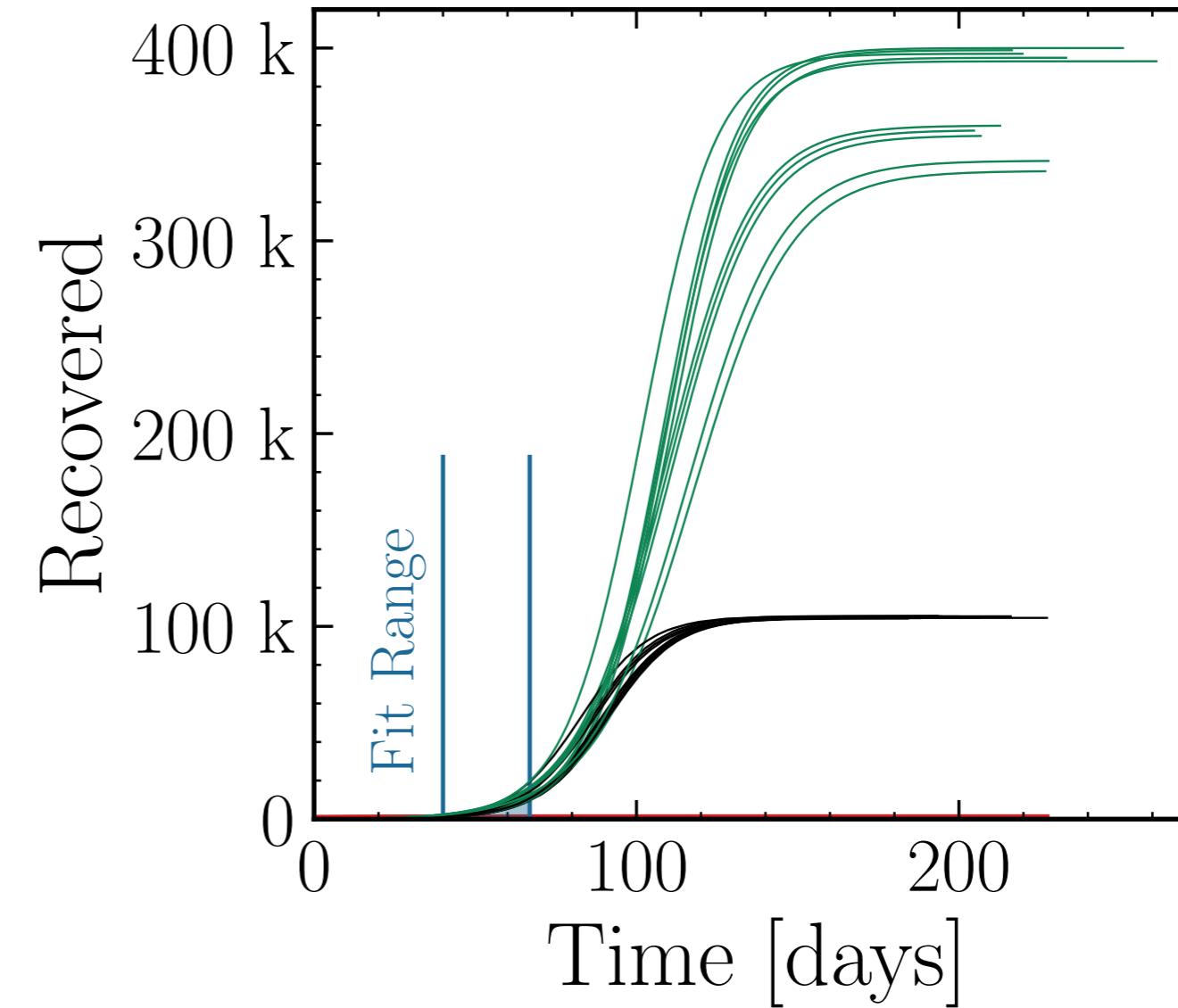
$$I_{\text{max}}^{\text{fit}} = (30 \pm 5.5\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{max}}} = 3 \pm 0.16$$



$$R_{\infty}^{\text{fit}} = (373 \pm 2.1\%) \cdot 10^3$$

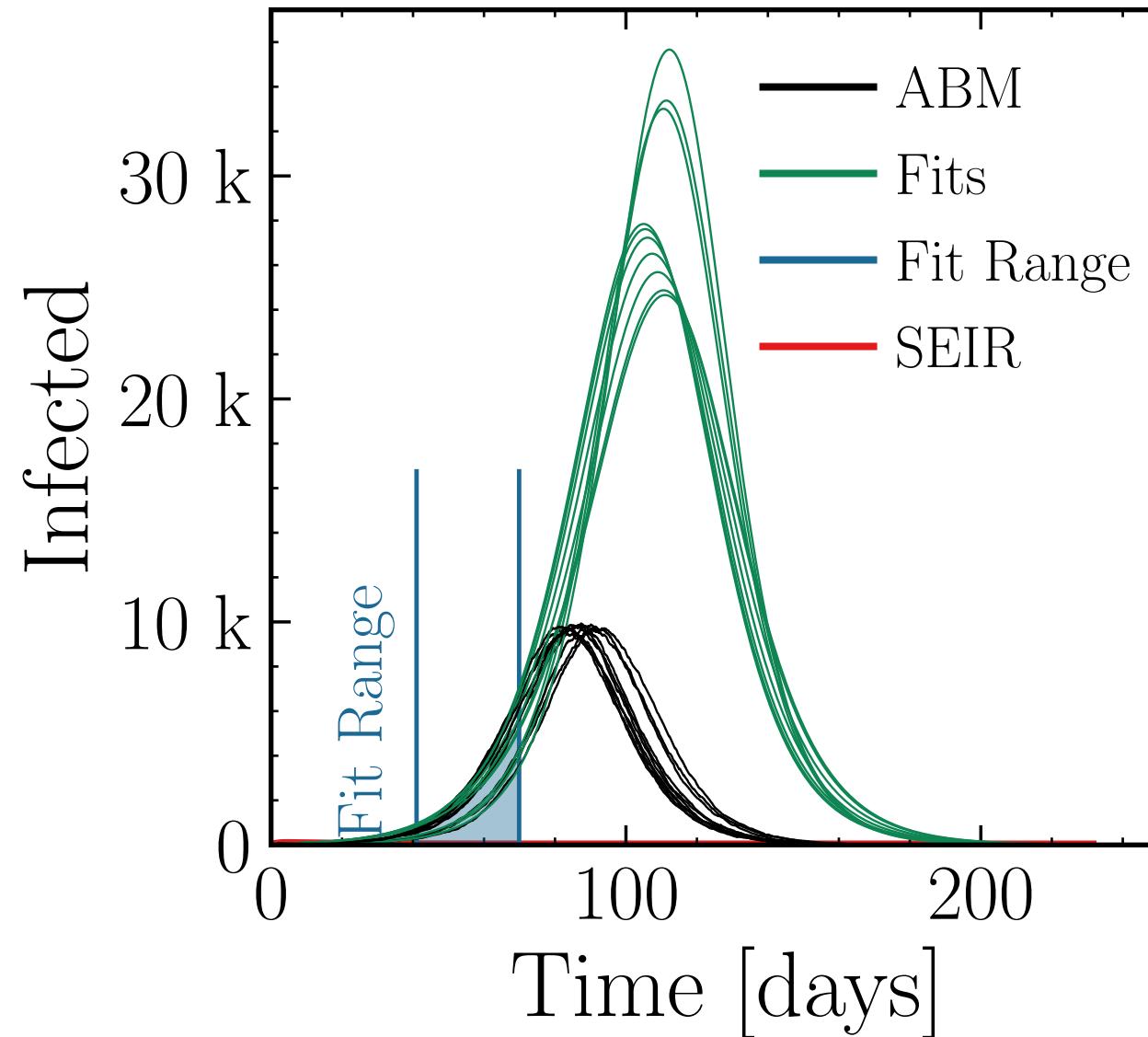
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 3.56 \pm 0.073$$



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.004$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0af3d265ff, #10

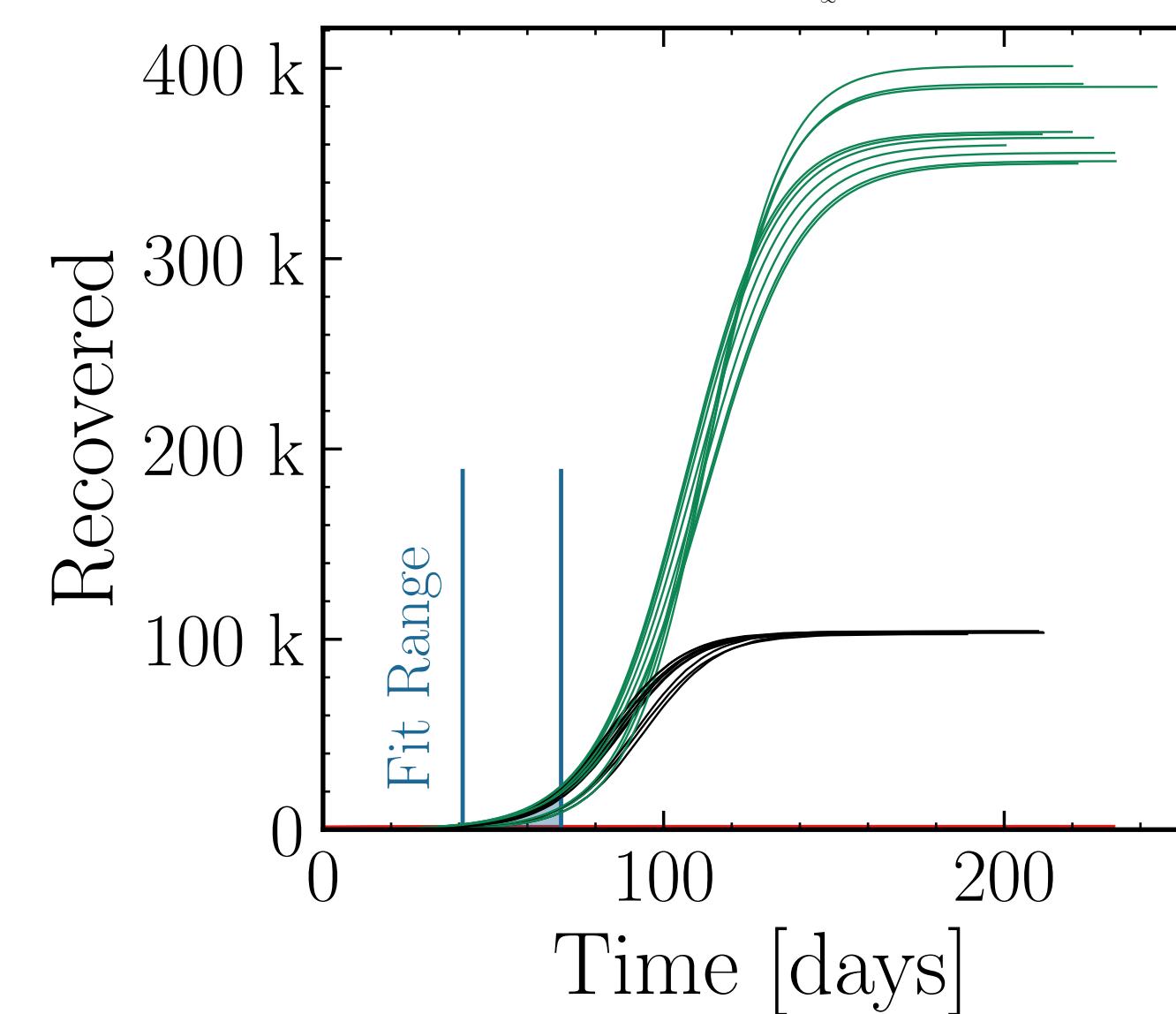
$$I_{\text{max}}^{\text{fit}} = (29 \pm 4.1\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{max}}} = 2.9 \pm 0.12$$

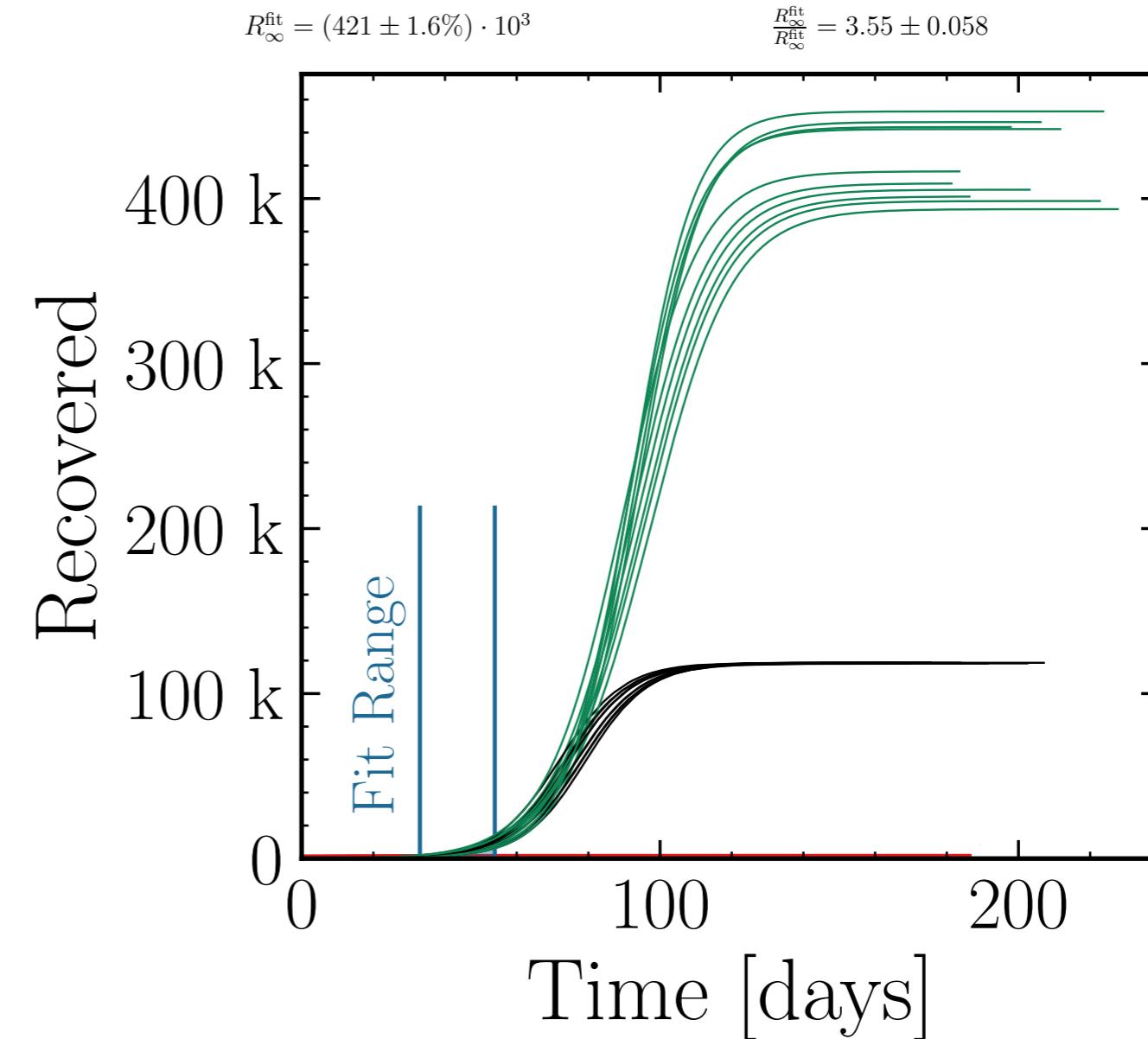
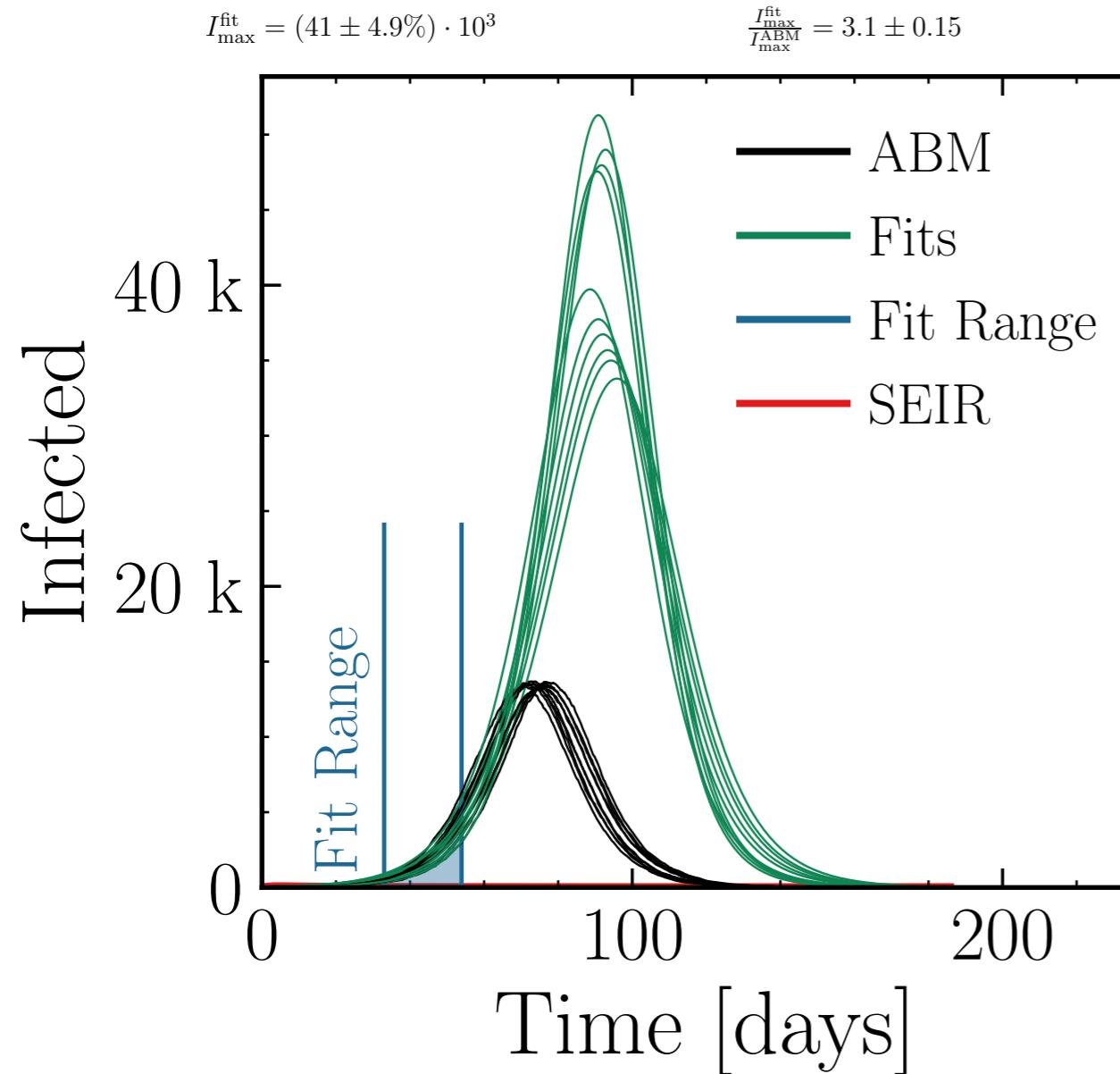


$$R_{\infty}^{\text{fit}} = (370 \pm 1.5\%) \cdot 10^3$$

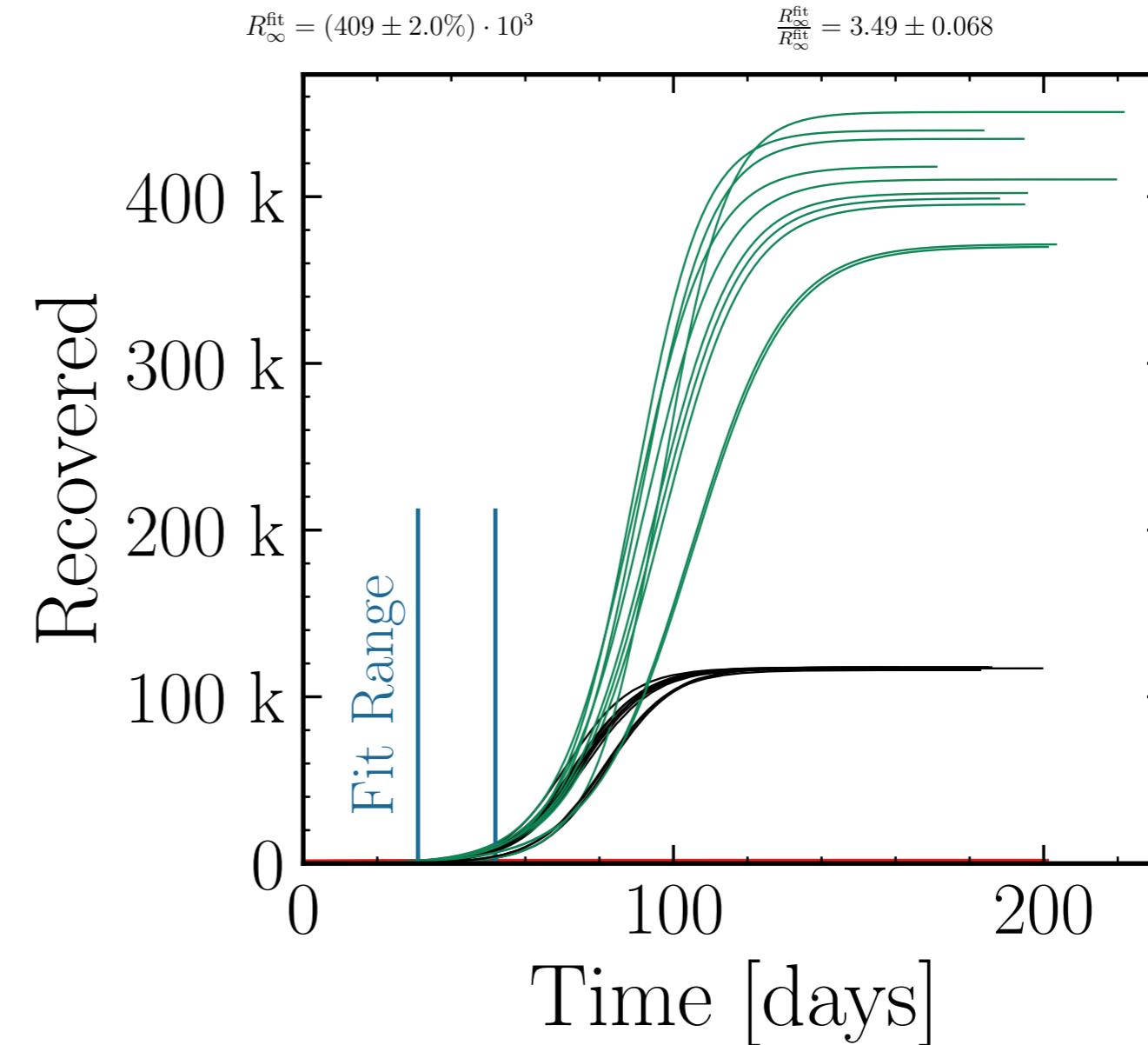
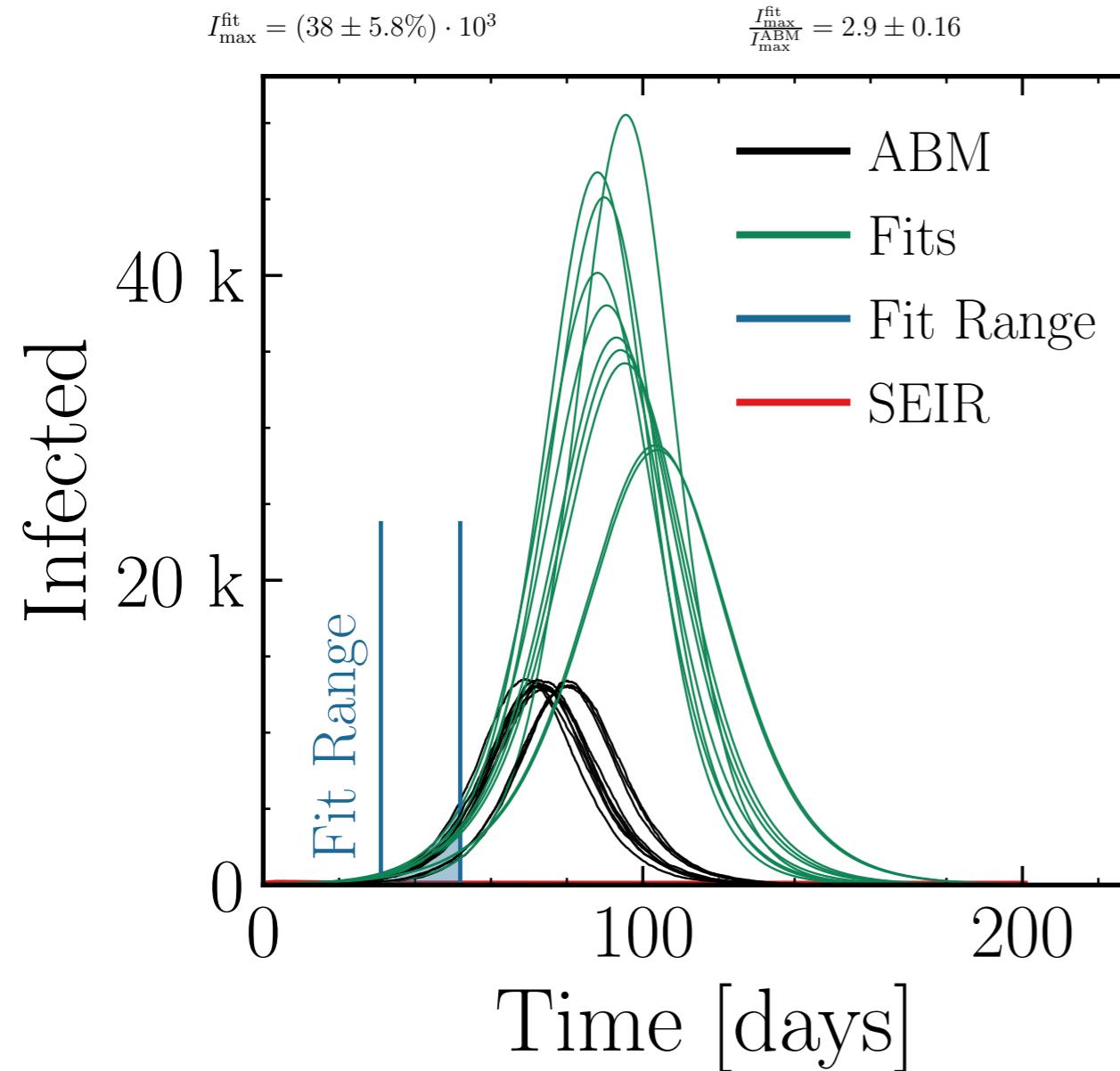
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 3.57 \pm 0.054$$



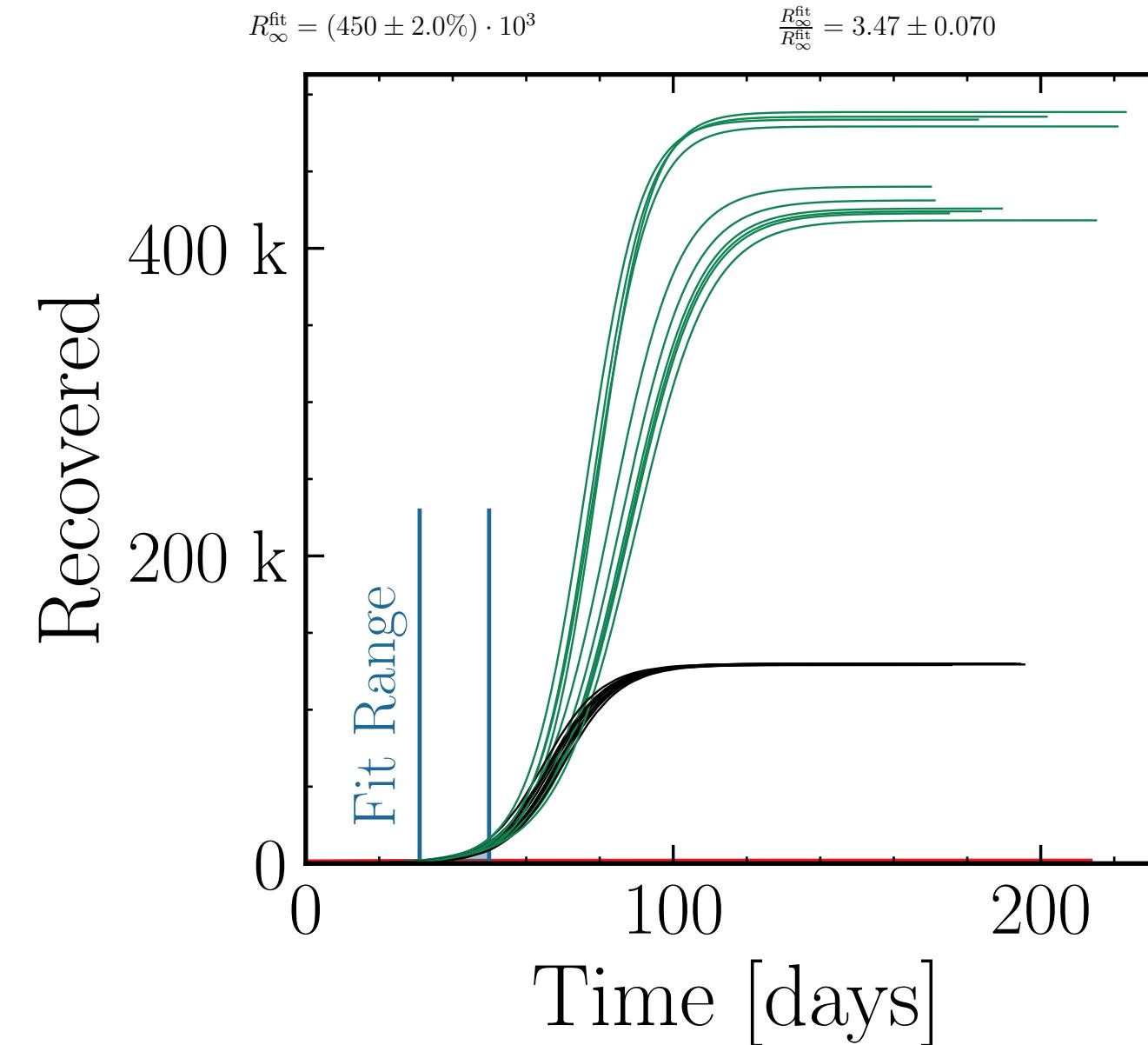
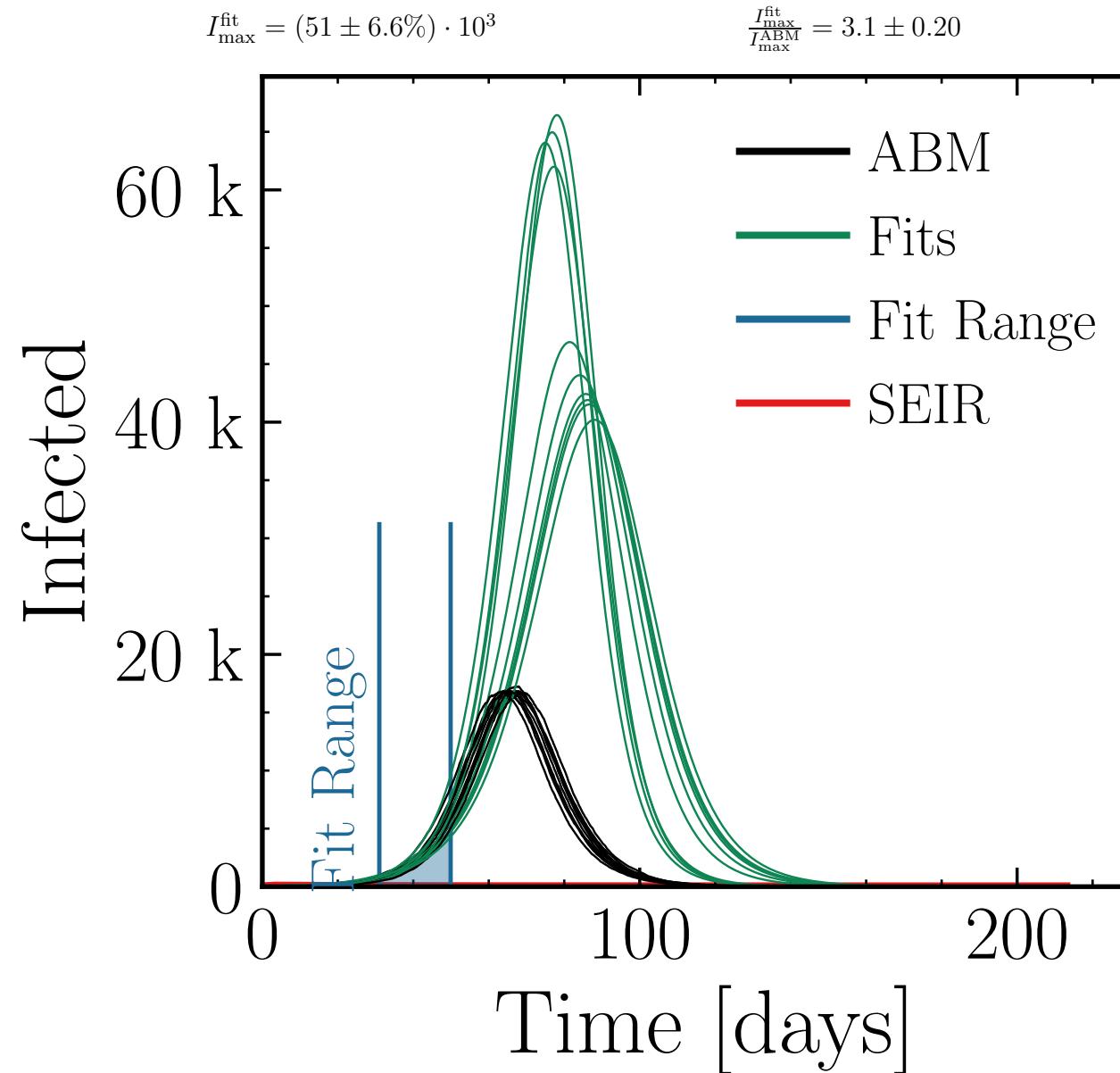
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.0045$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b2ca04854f, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.0045$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d2631cd65c, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 2c09ee6145, #10



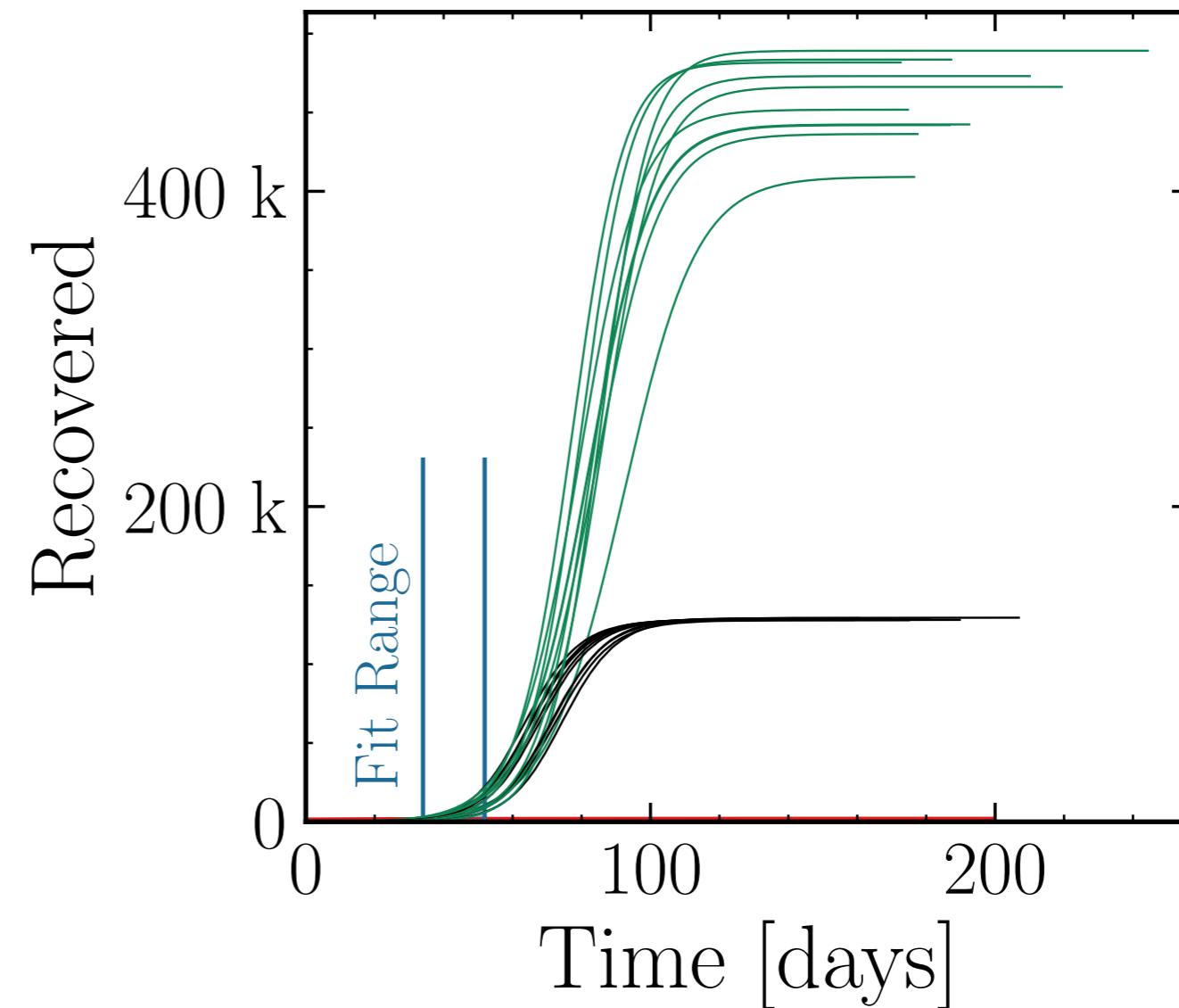
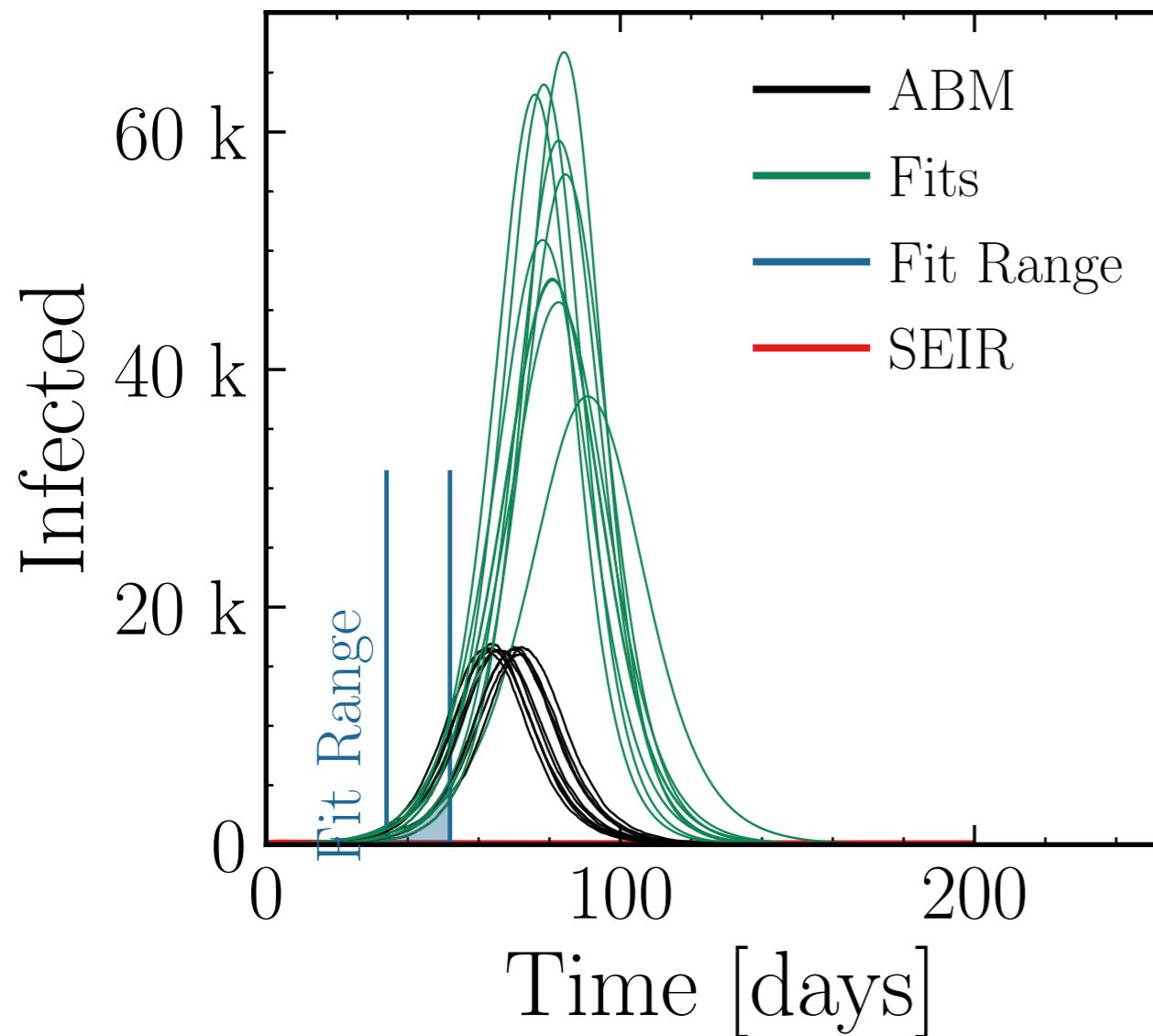
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 99b3f0cedb, #10

$$I_{\text{max}}^{\text{fit}} = (54 \pm 5.3\%) \cdot 10^3$$

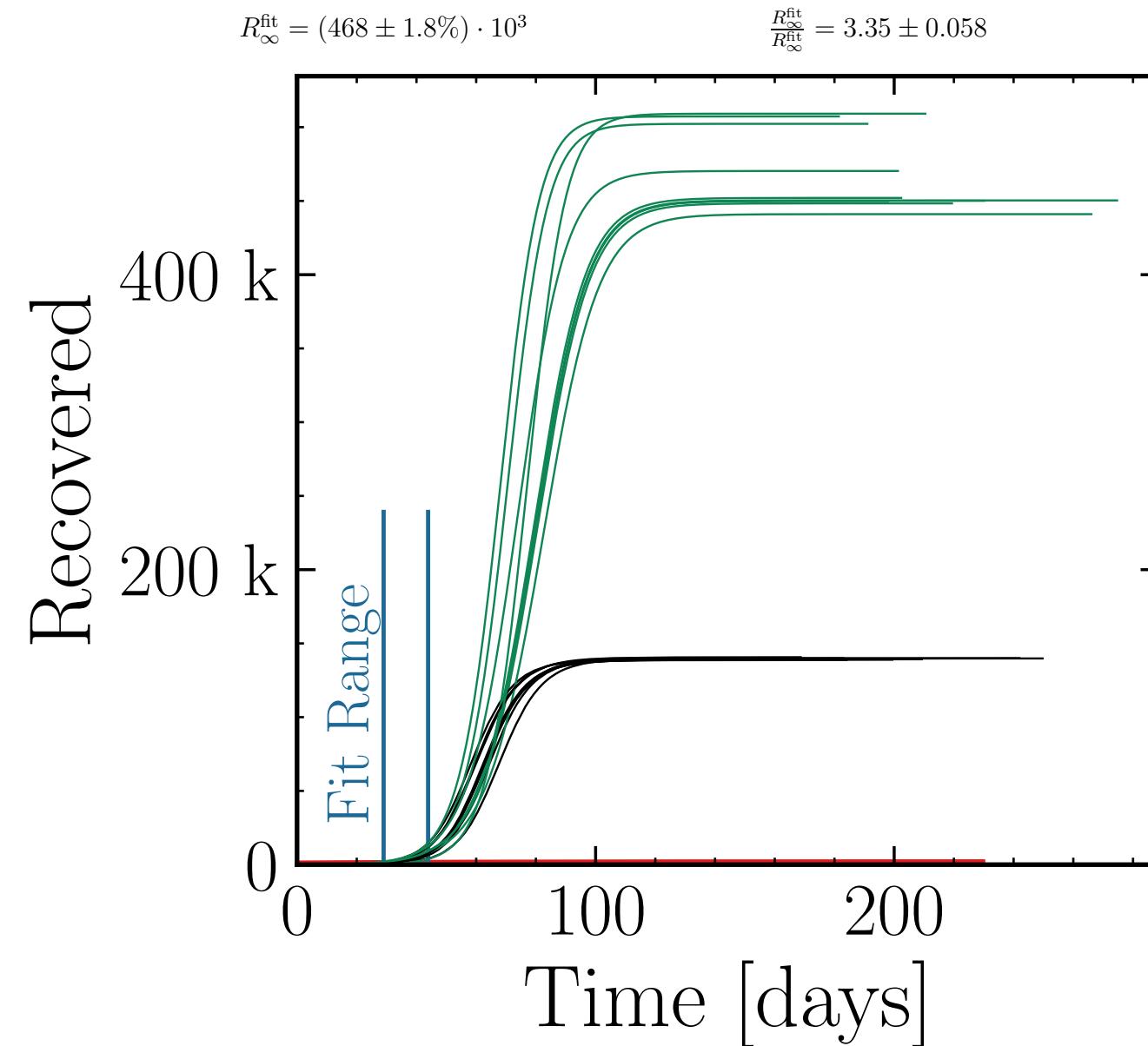
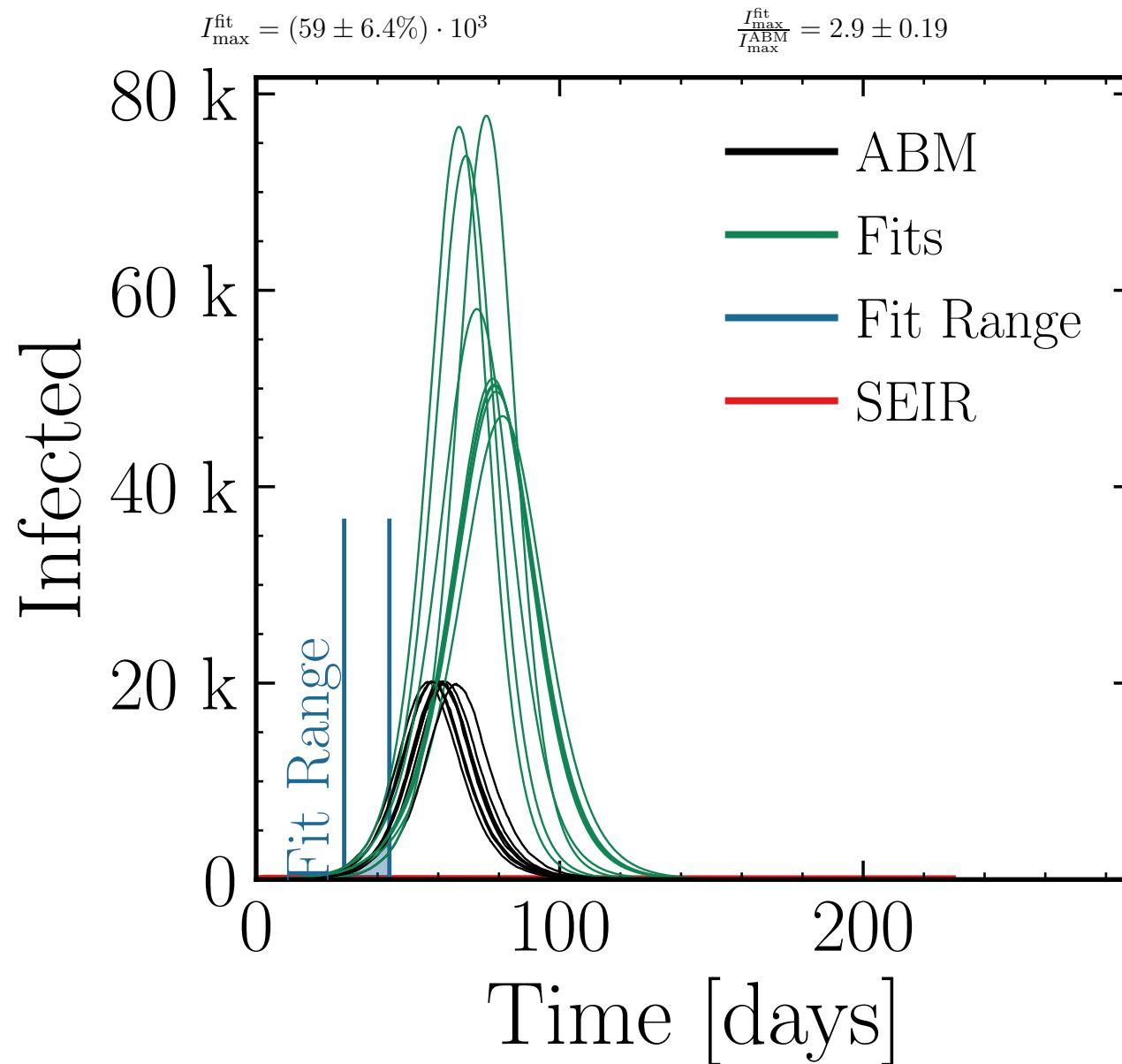
$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 3.3 \pm 0.17$$

$$R_{\infty}^{\text{fit}} = (458 \pm 1.7\%) \cdot 10^3$$

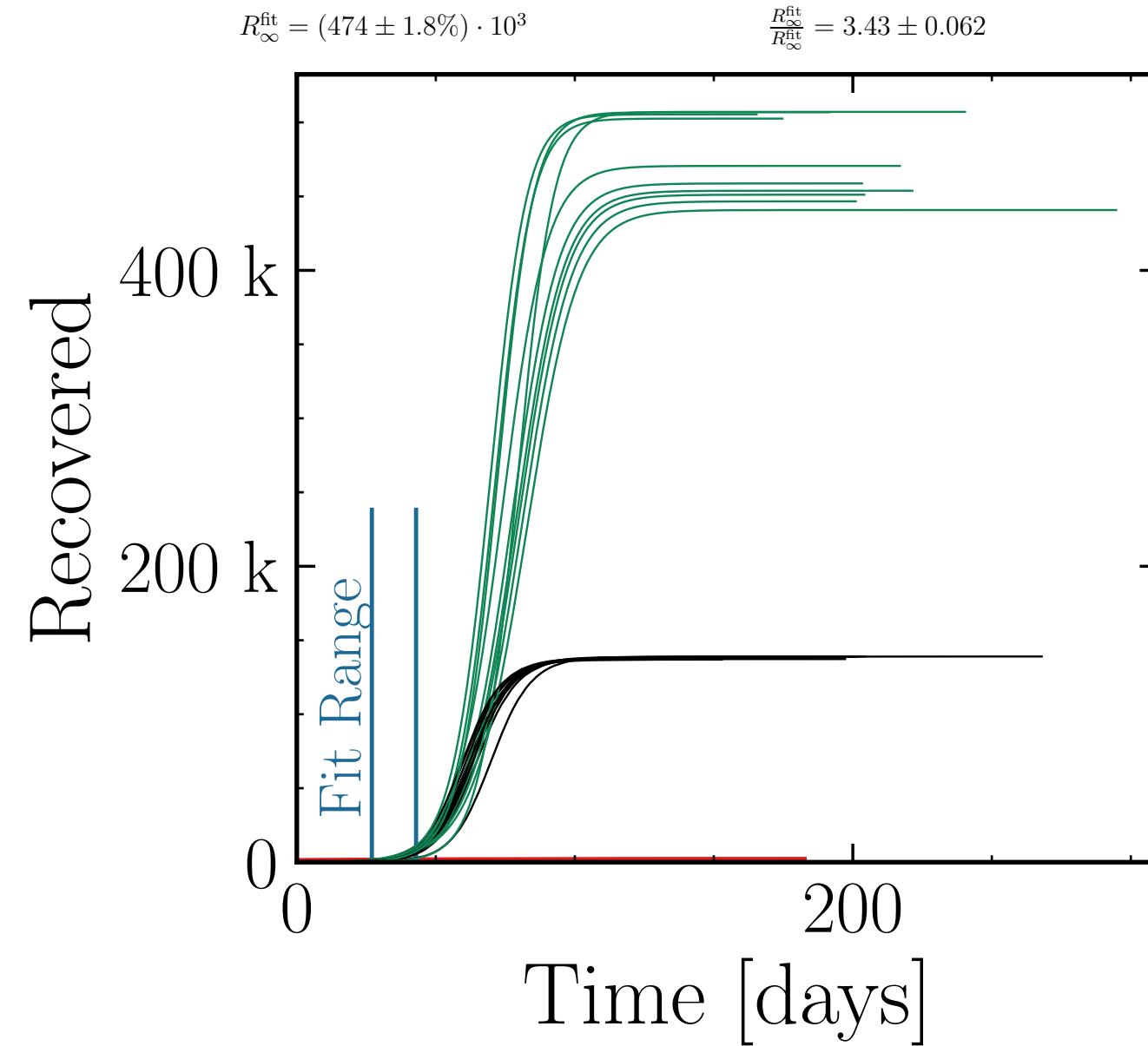
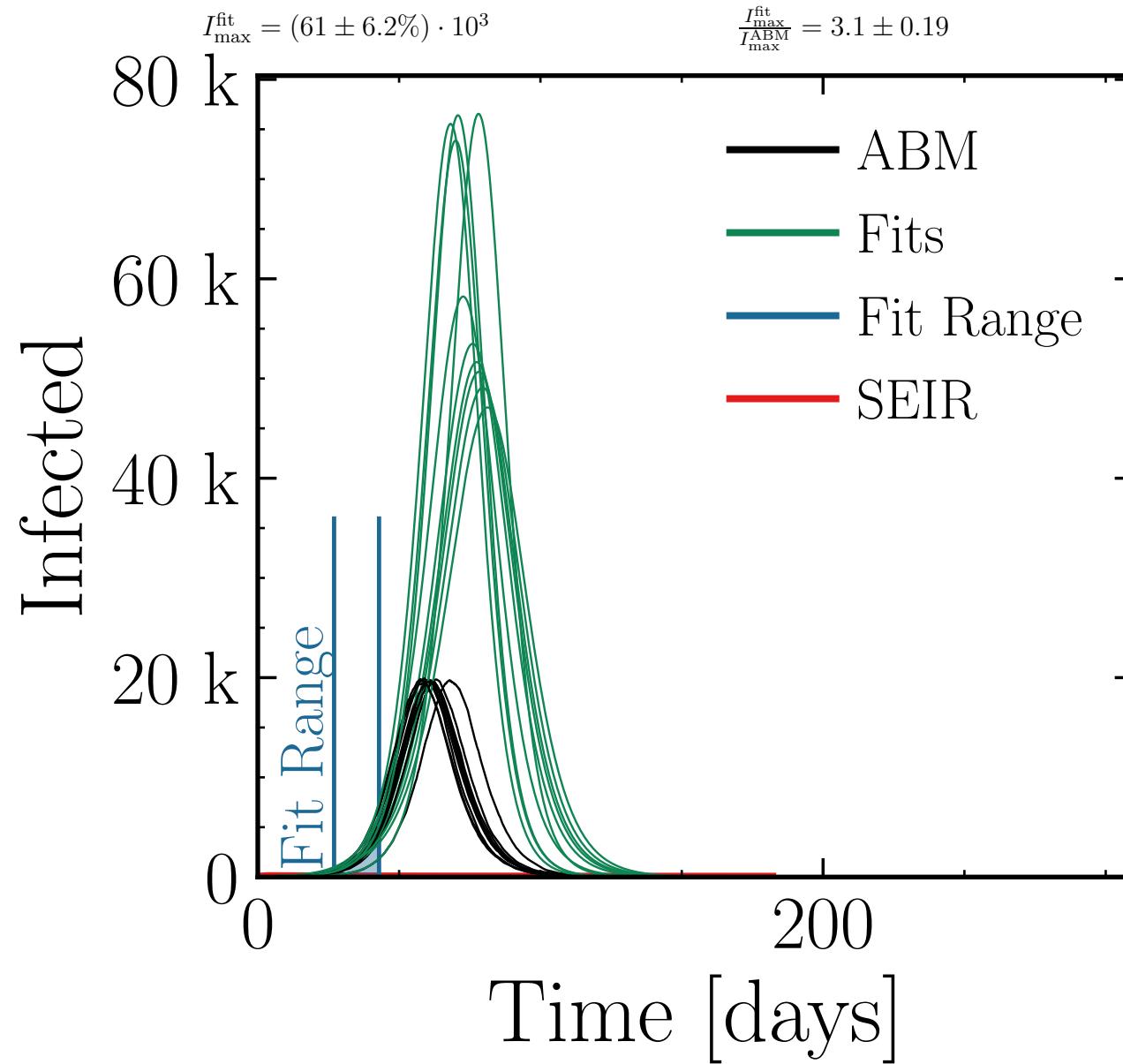
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 3.56 \pm 0.059$$



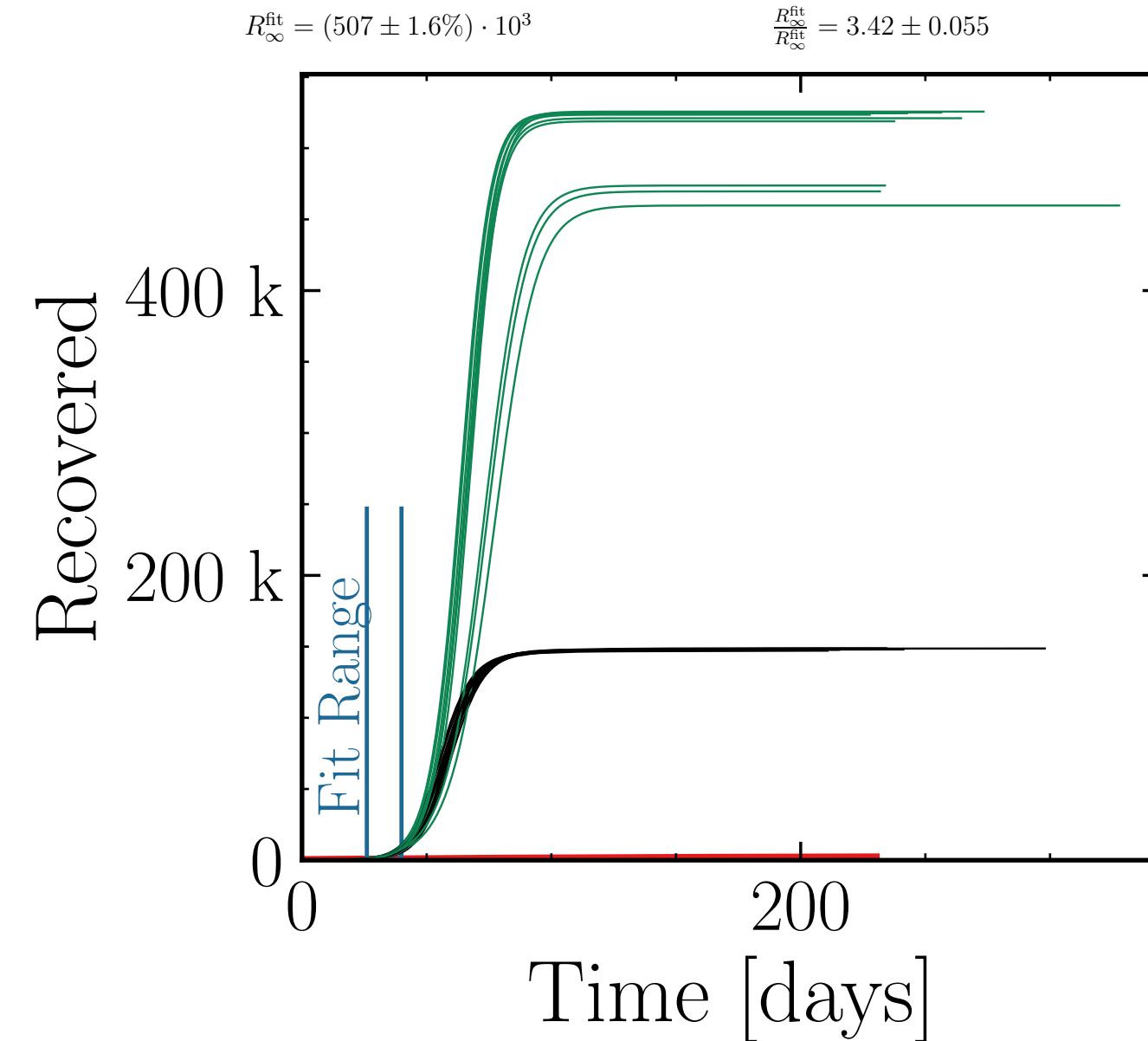
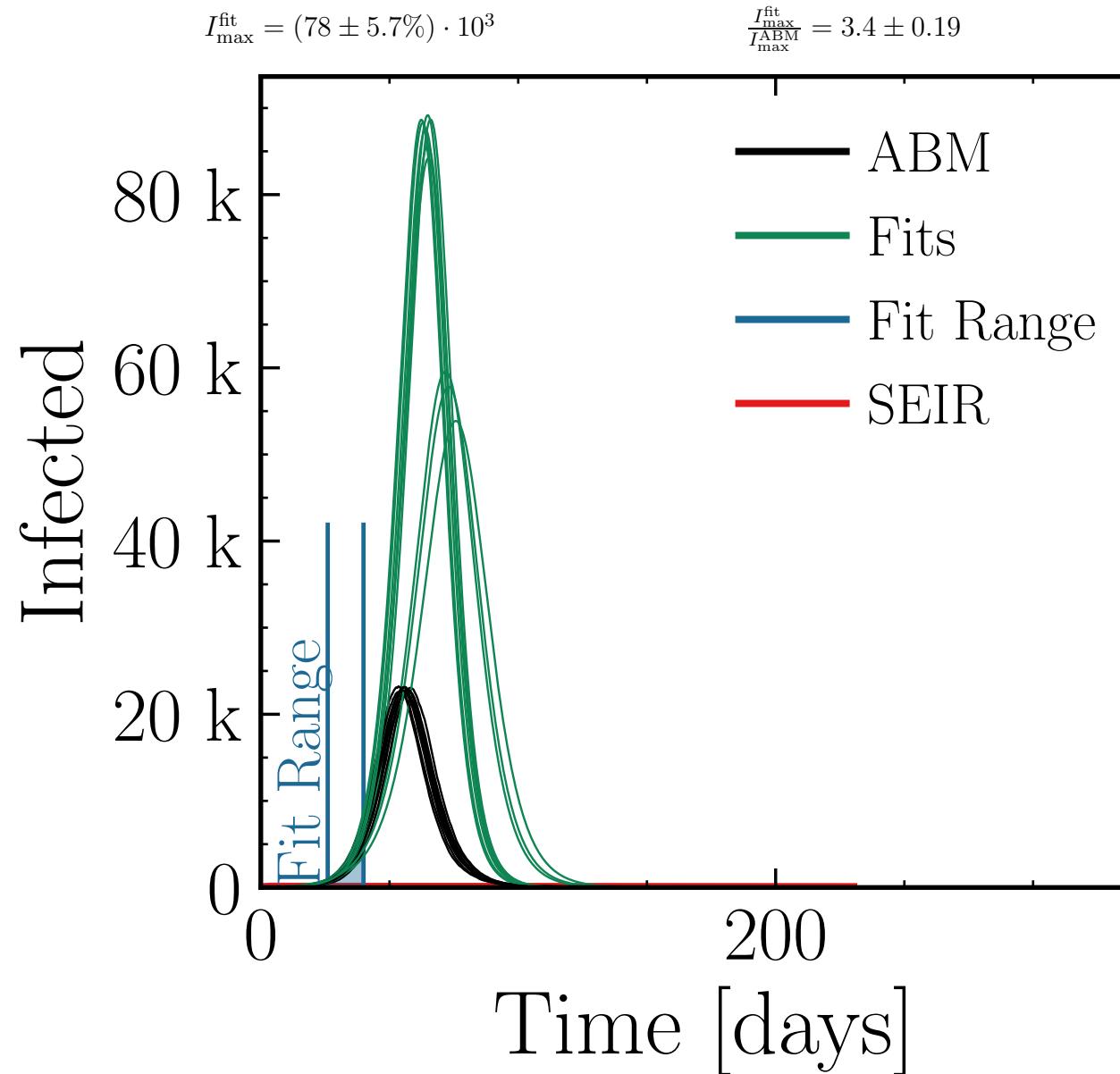
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.0055$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = e57b101304, #10



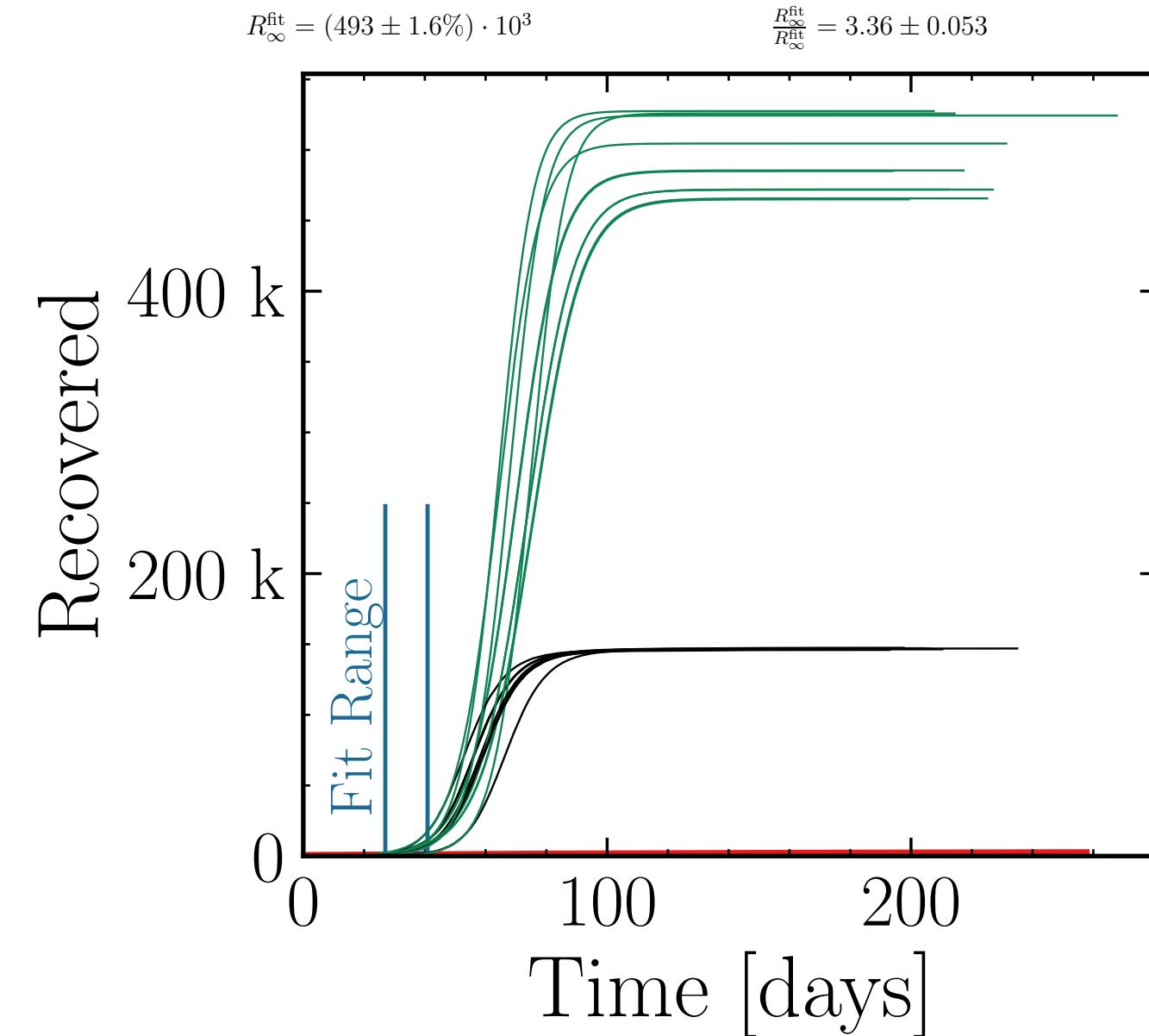
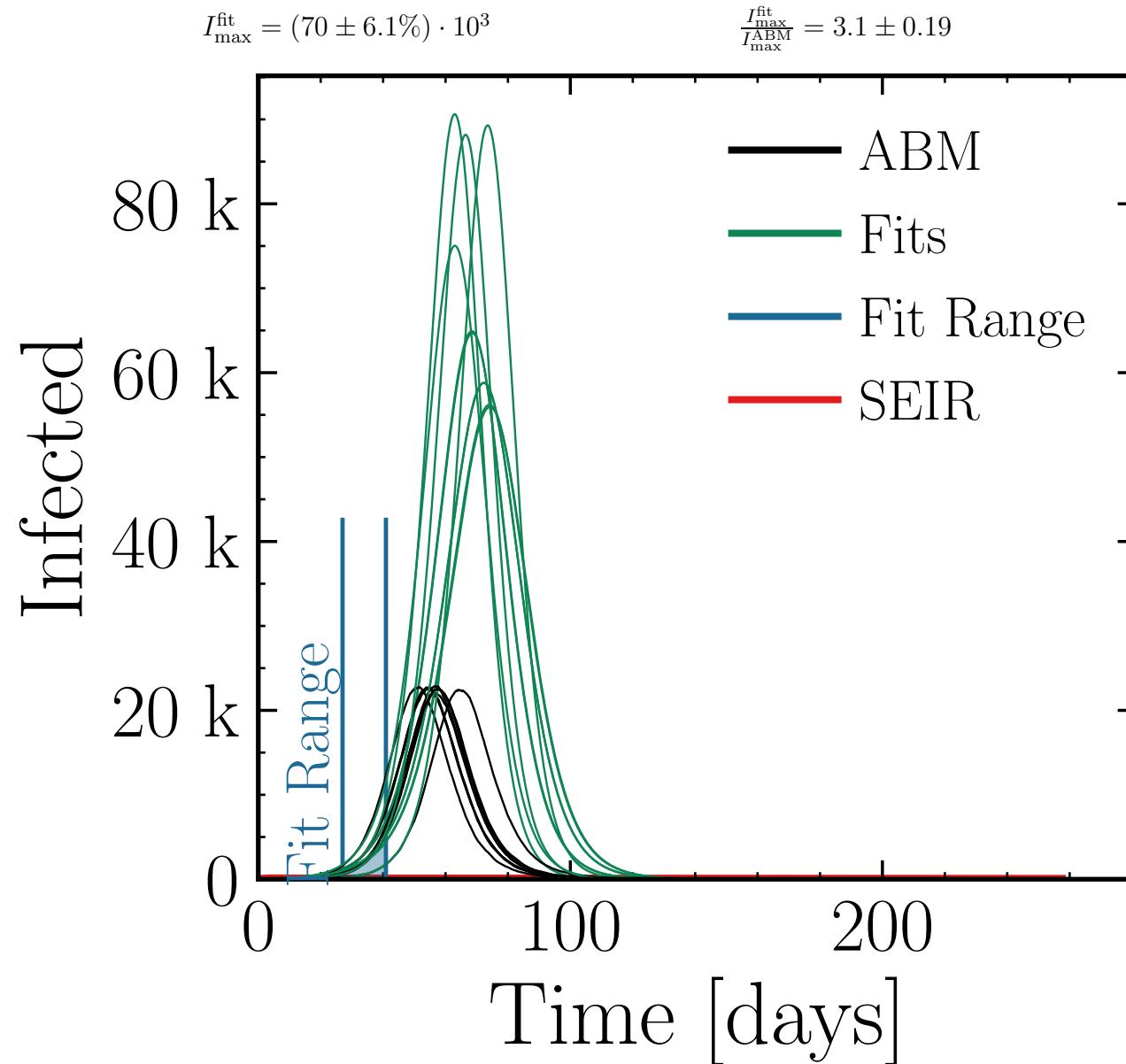
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.0055$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 9ac9019091, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.006$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 7ba3e31643, #10

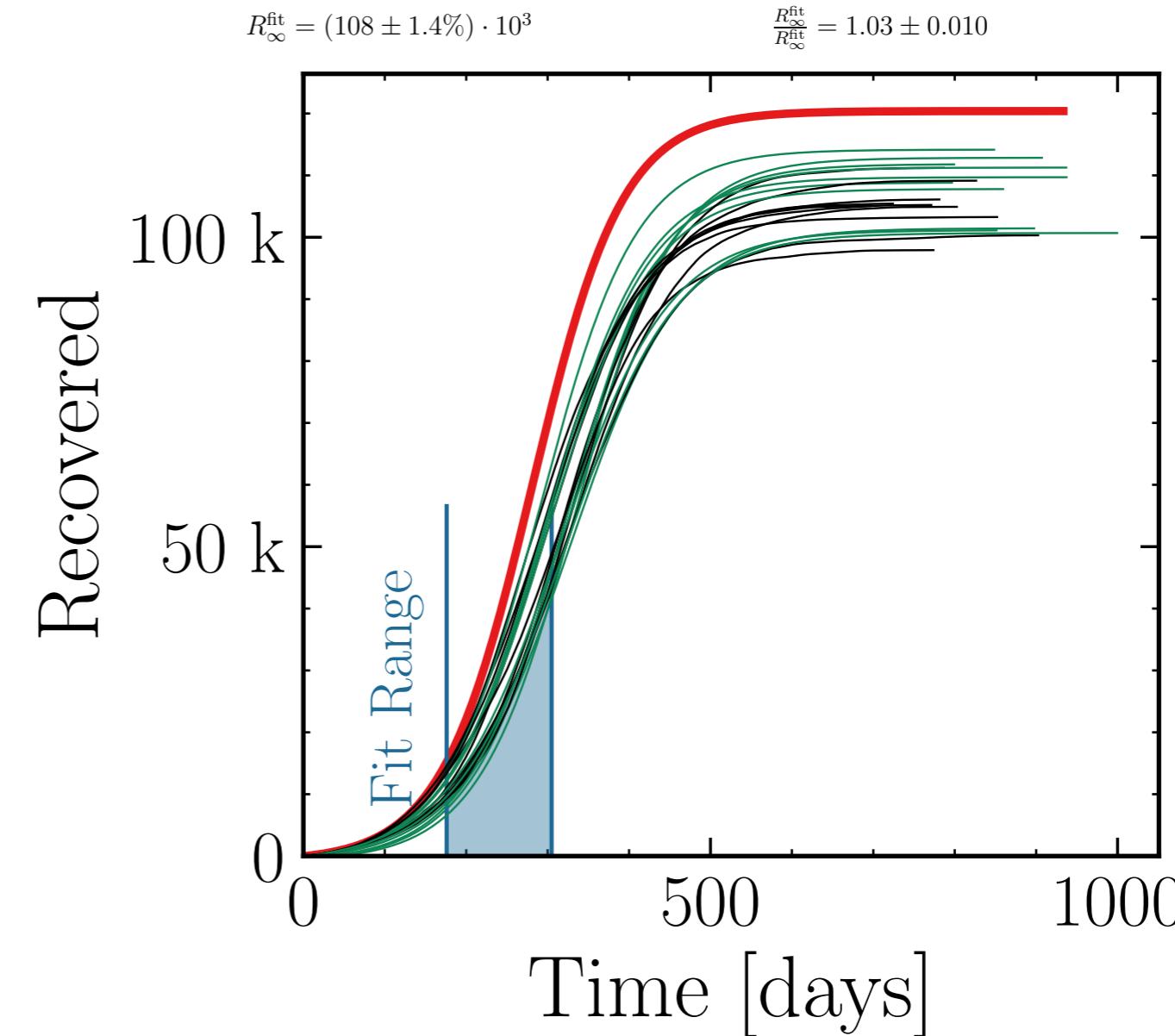
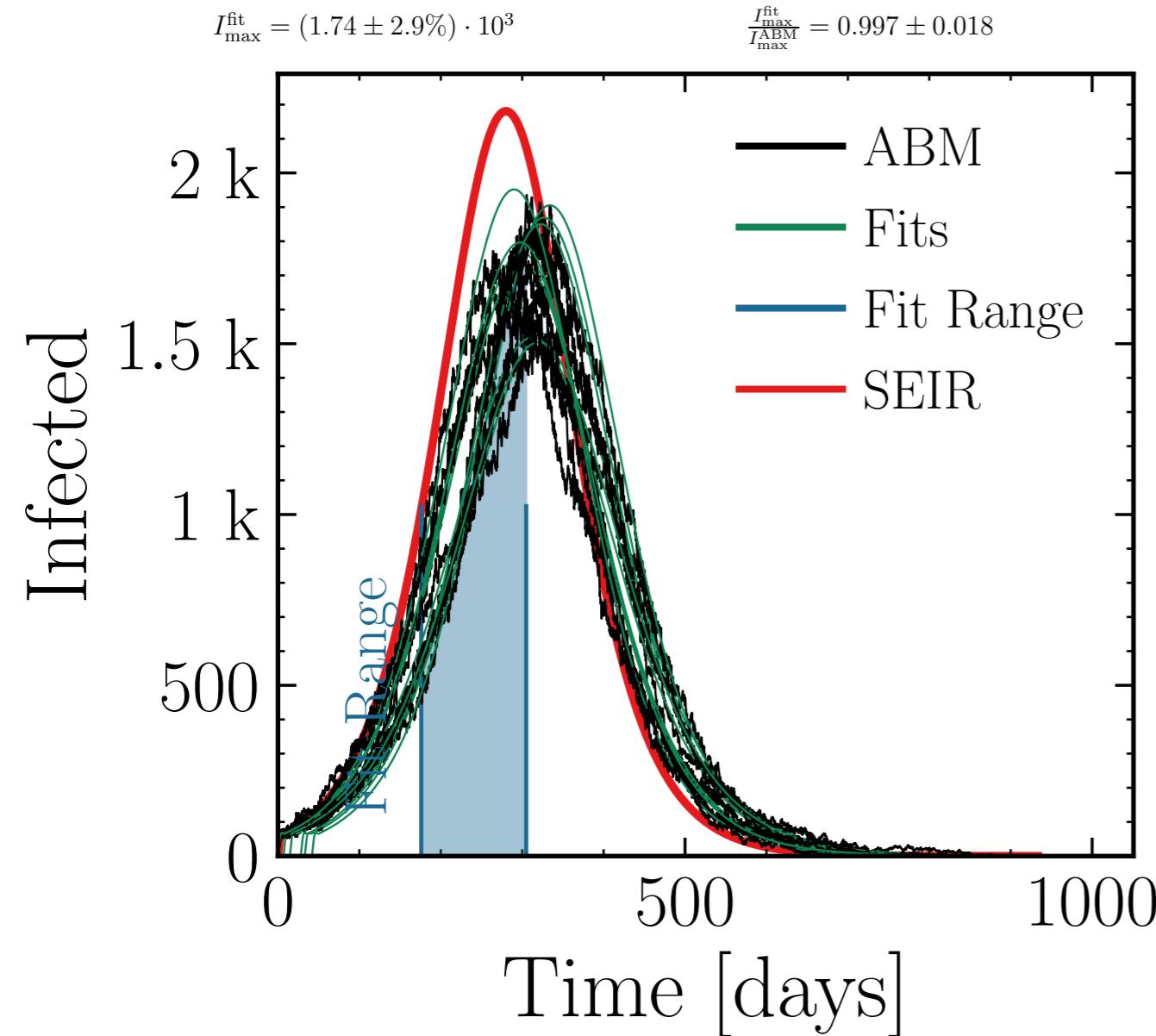


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.006$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 99c381b7c9, #10

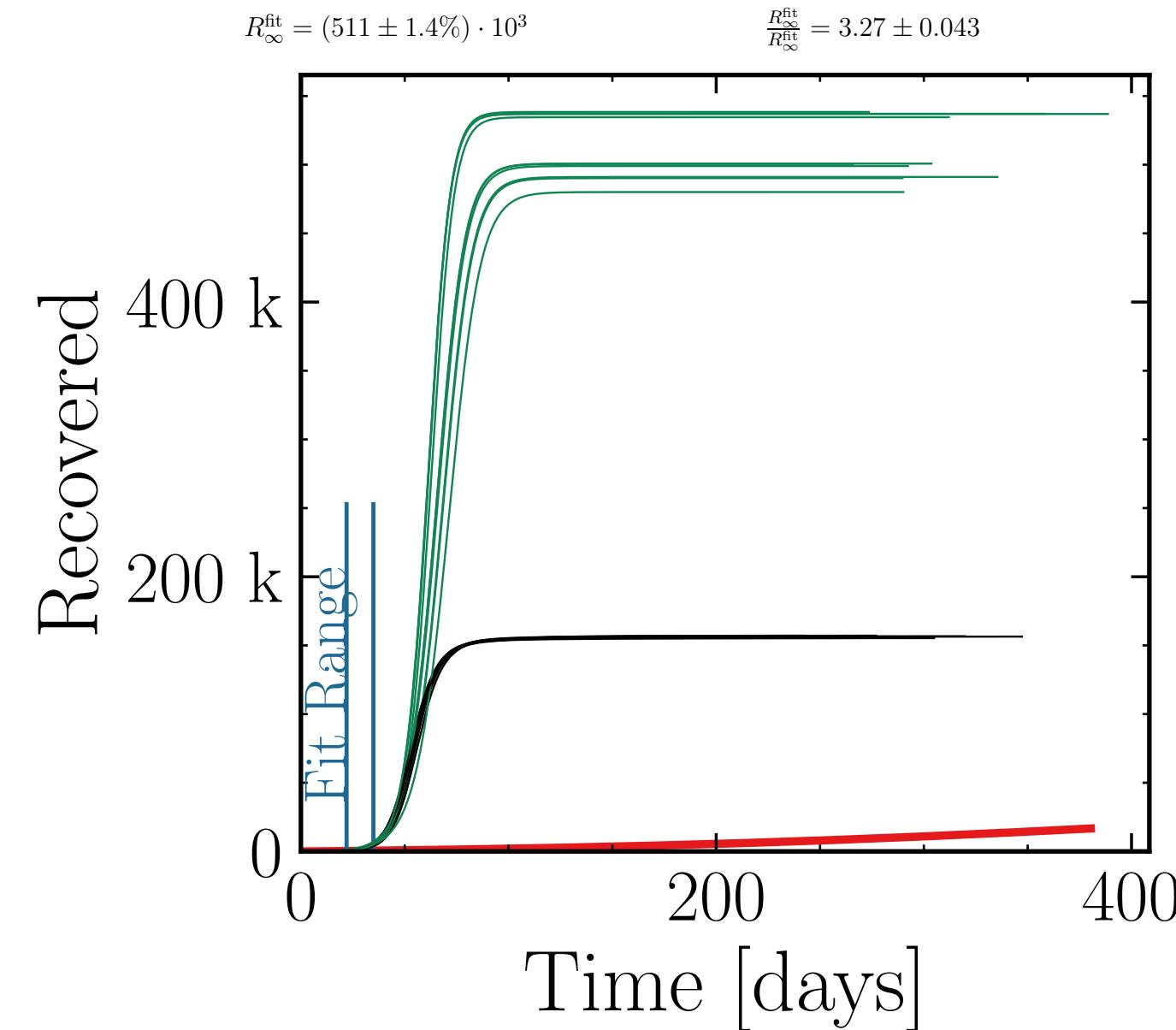
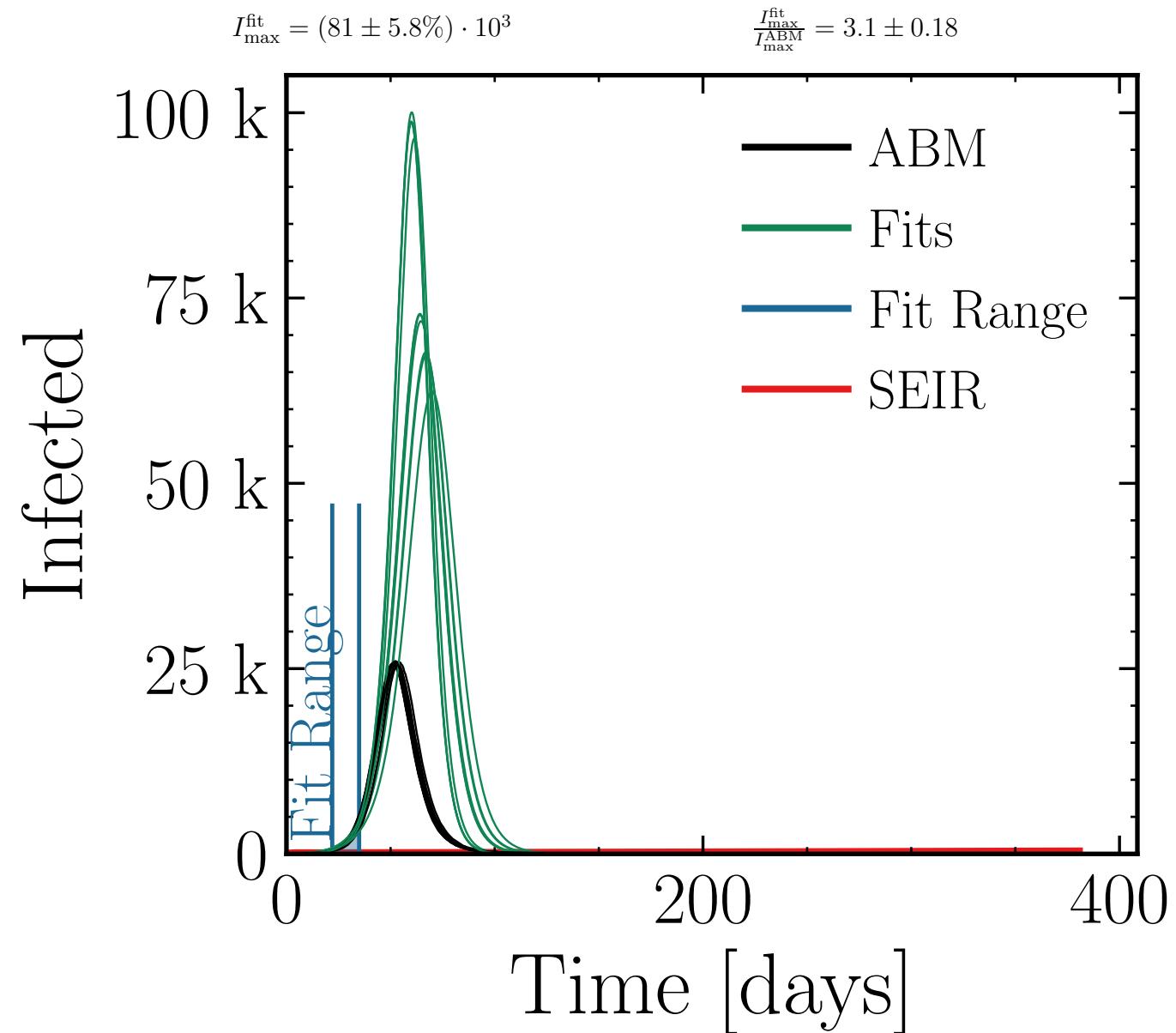


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

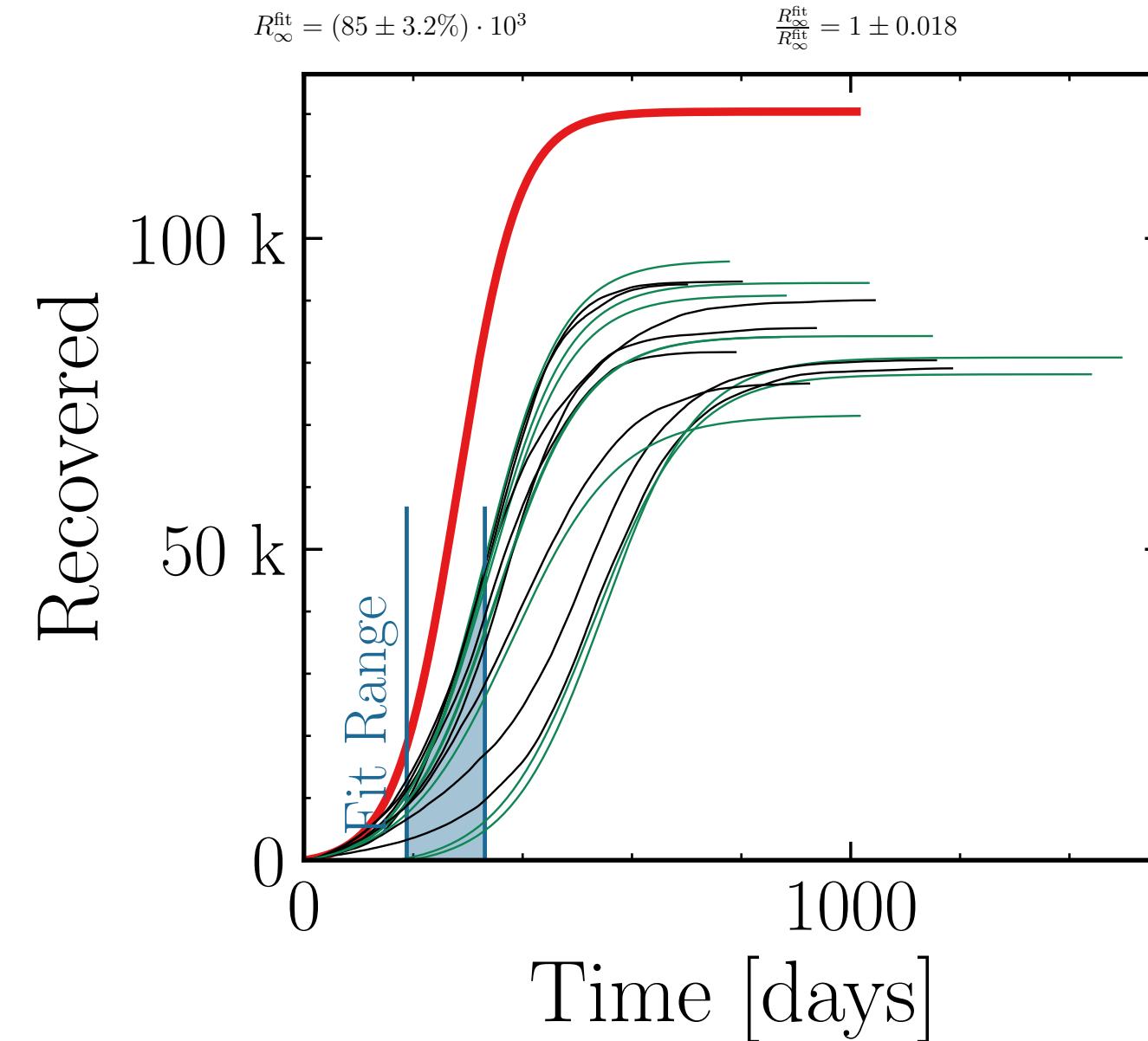
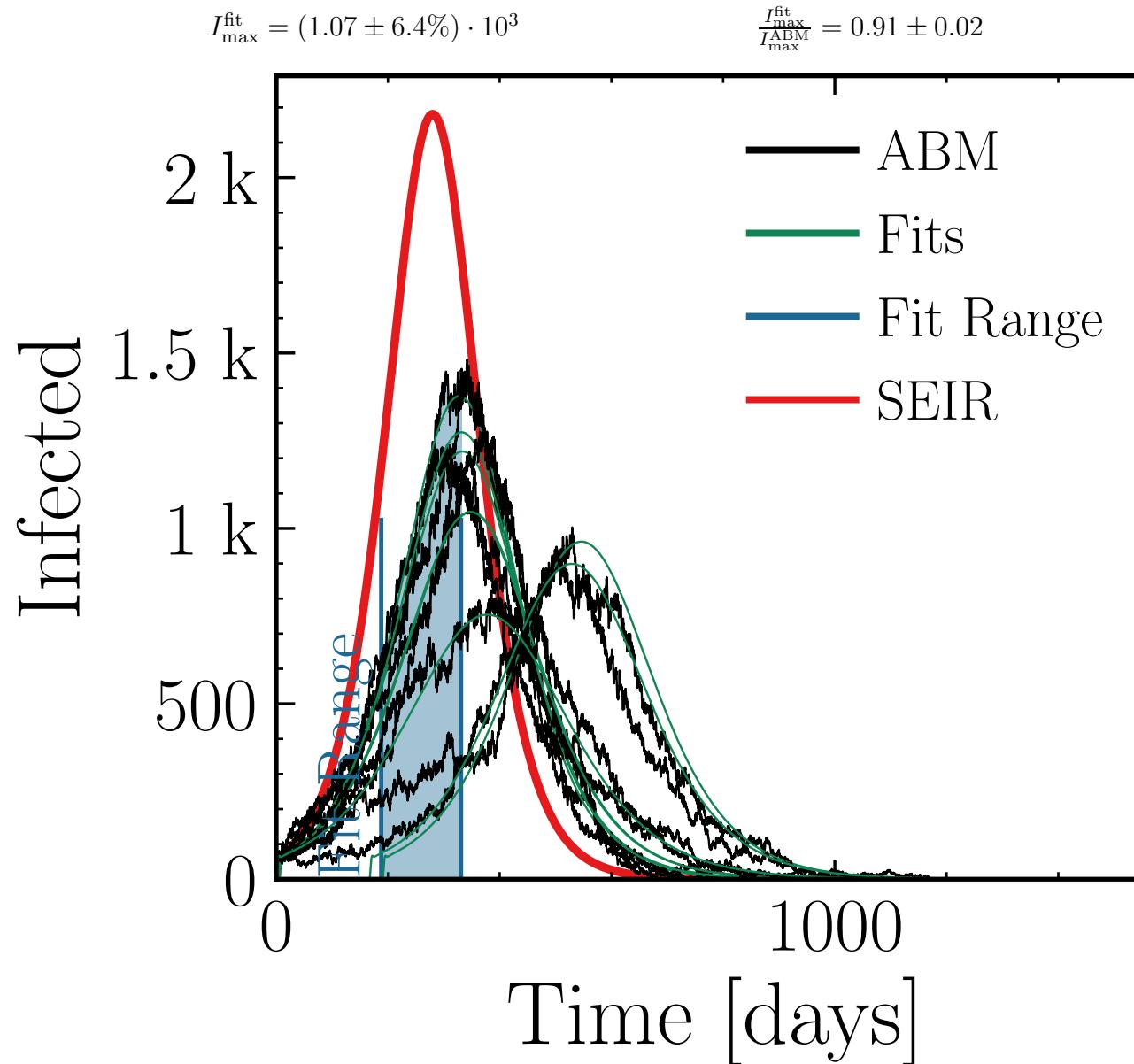
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6817eabd64, #10



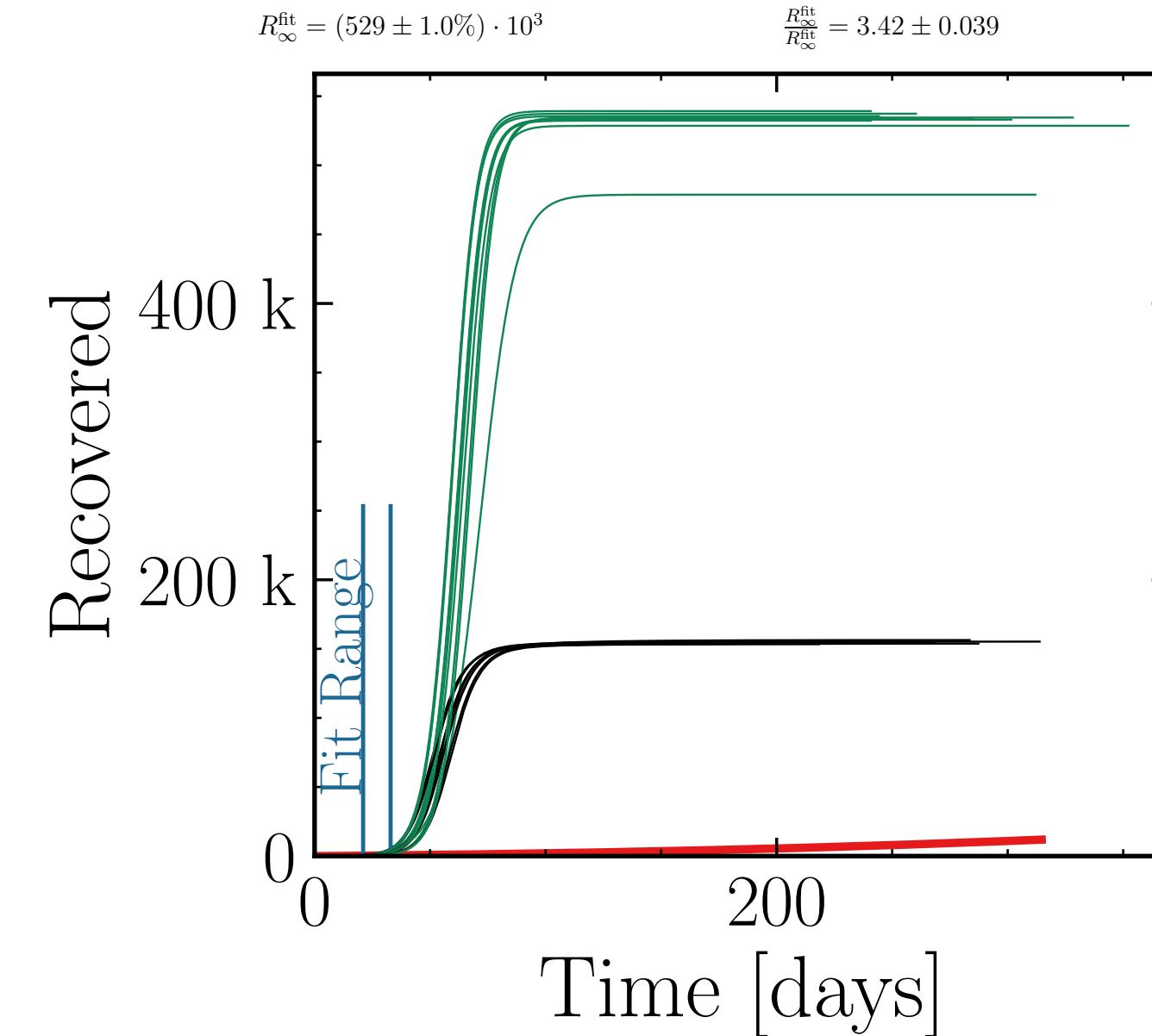
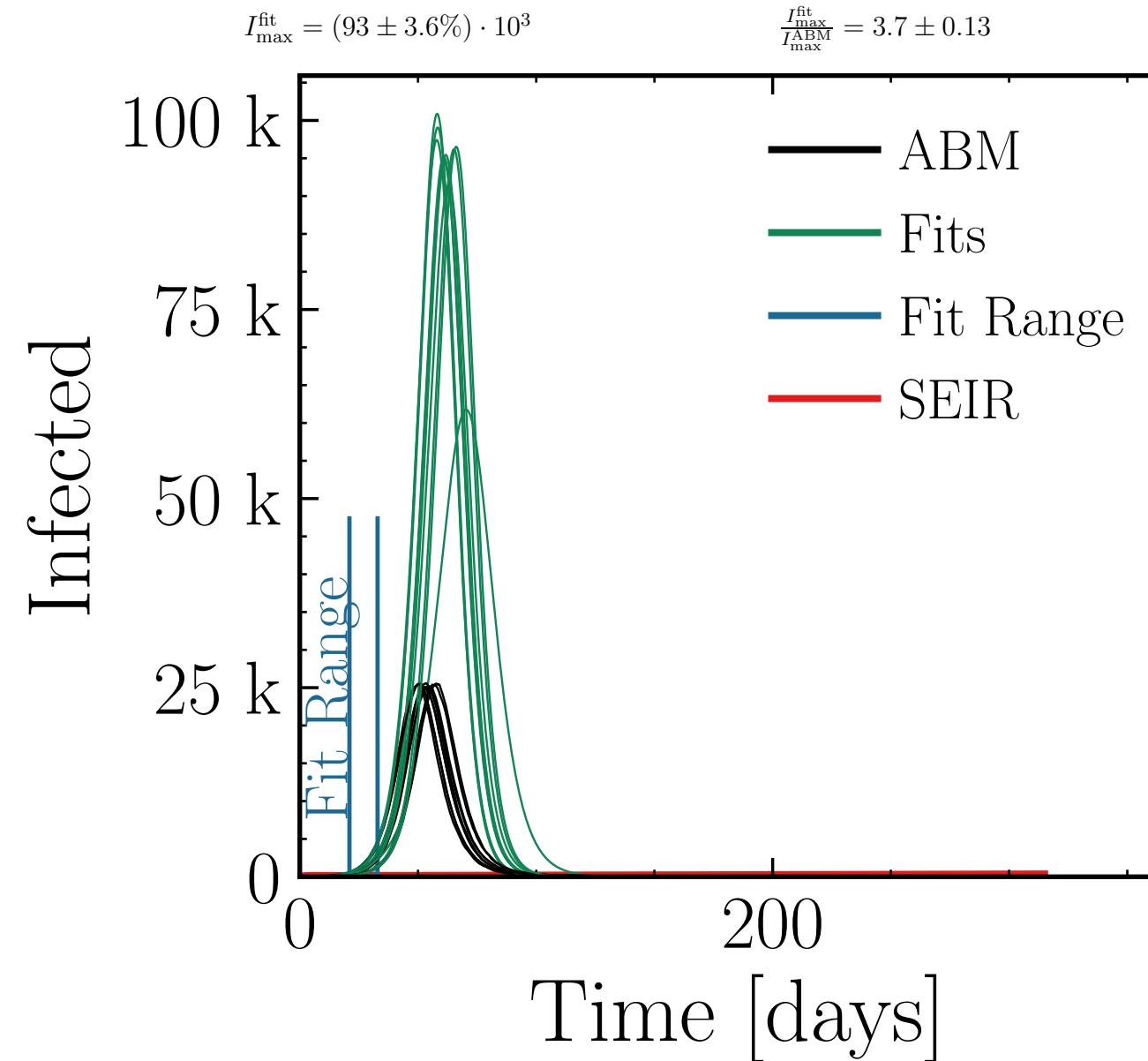
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.0065$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 9dc1e812cf, #10



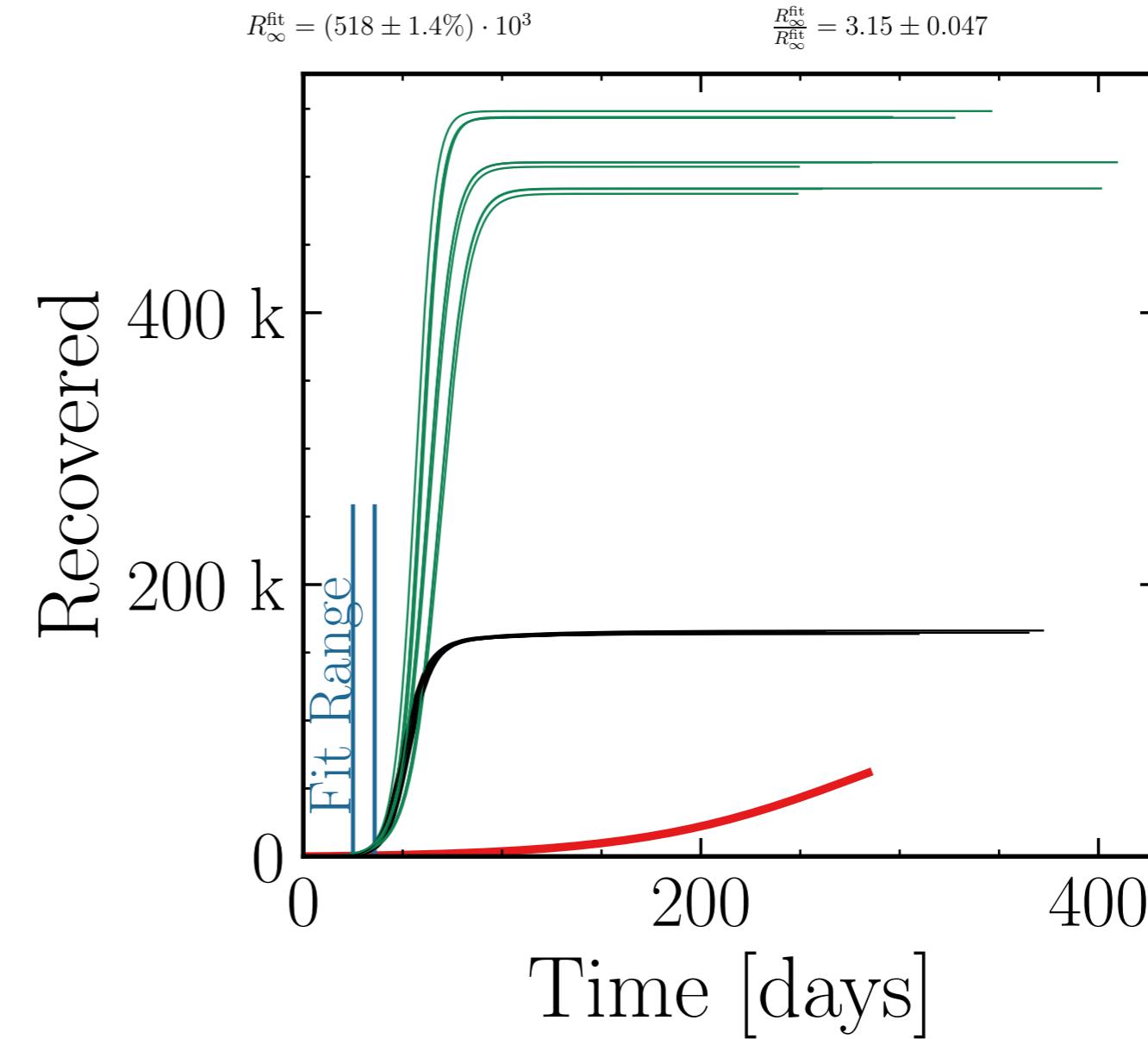
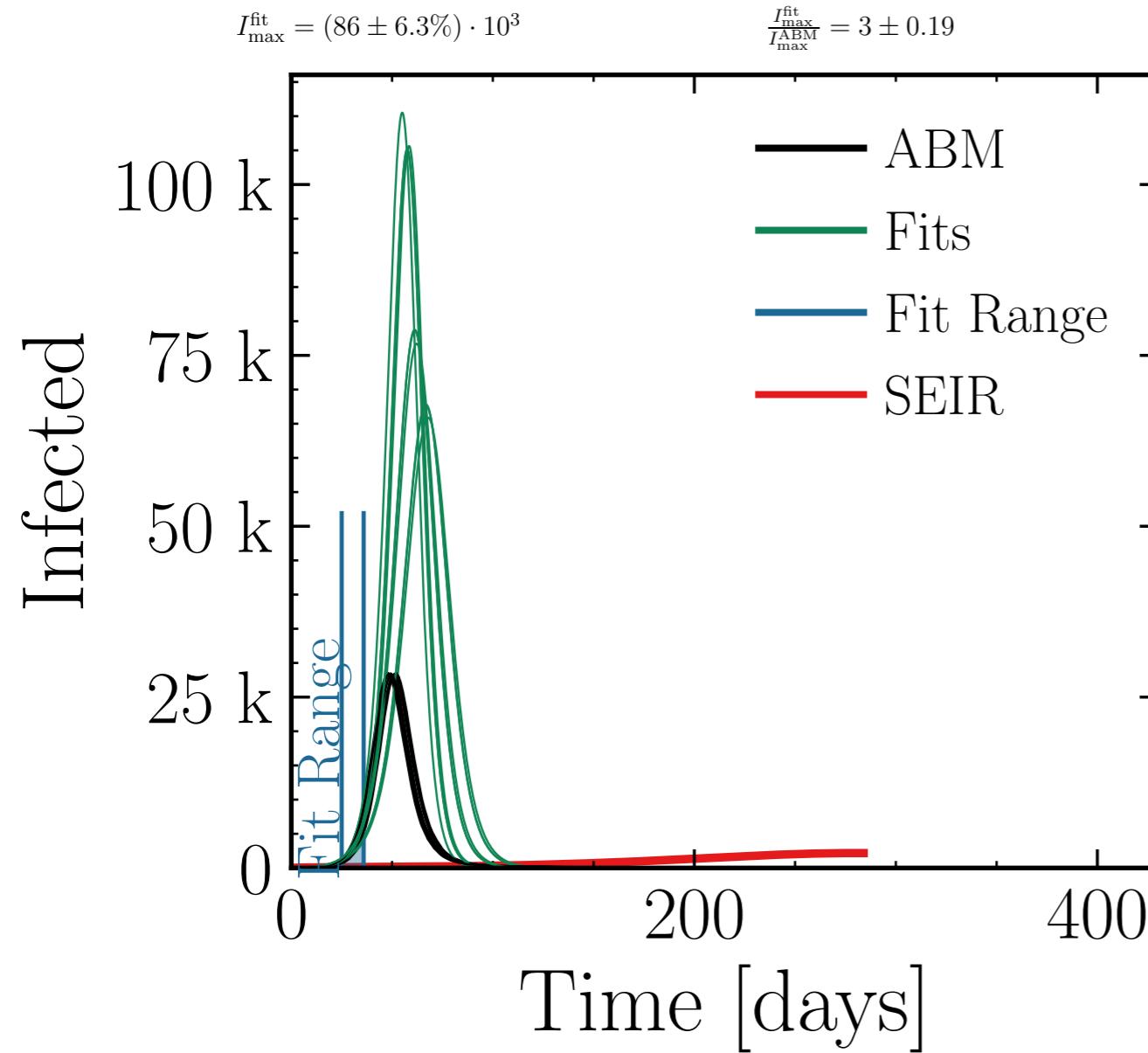
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d475048adf, #8



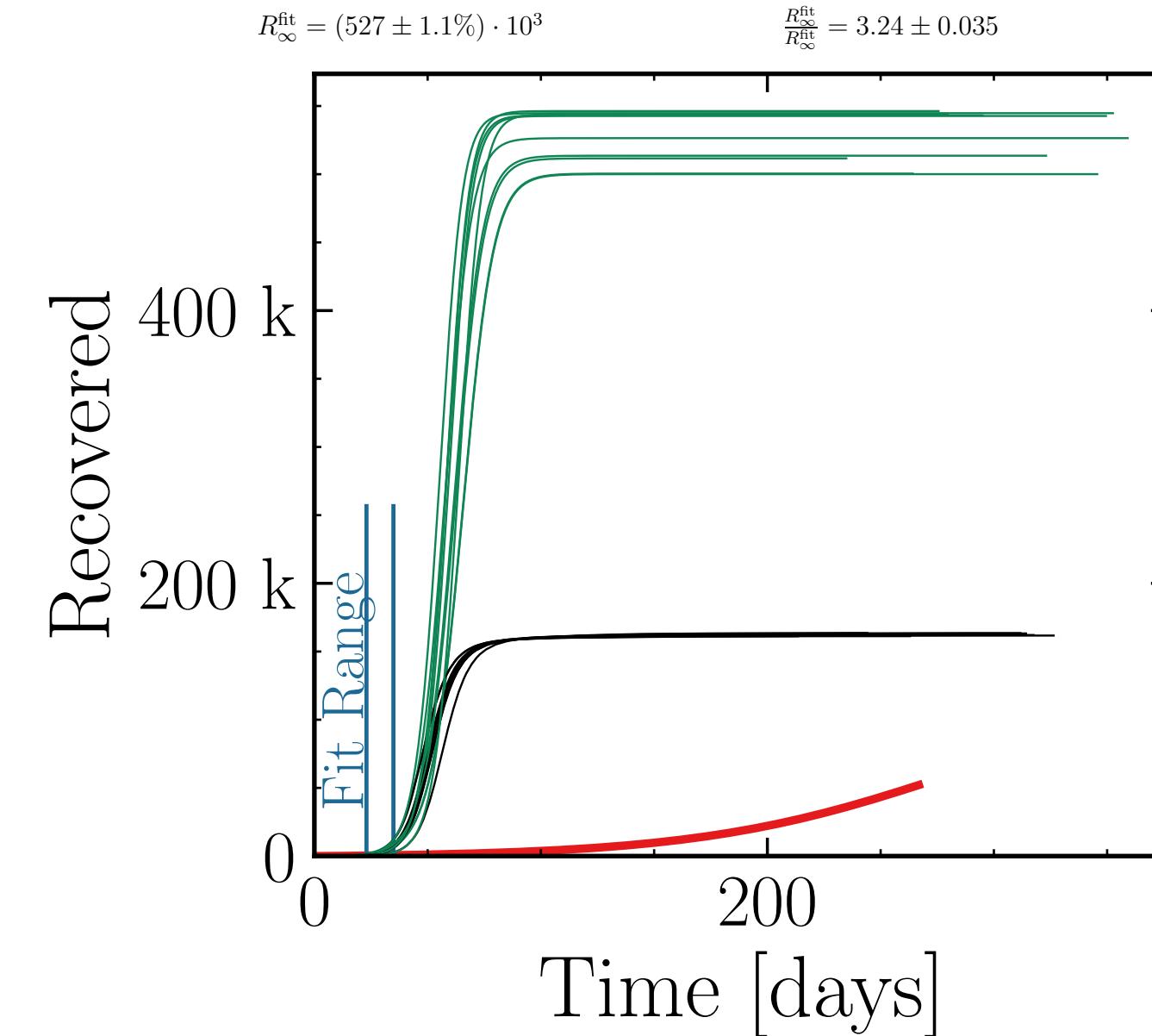
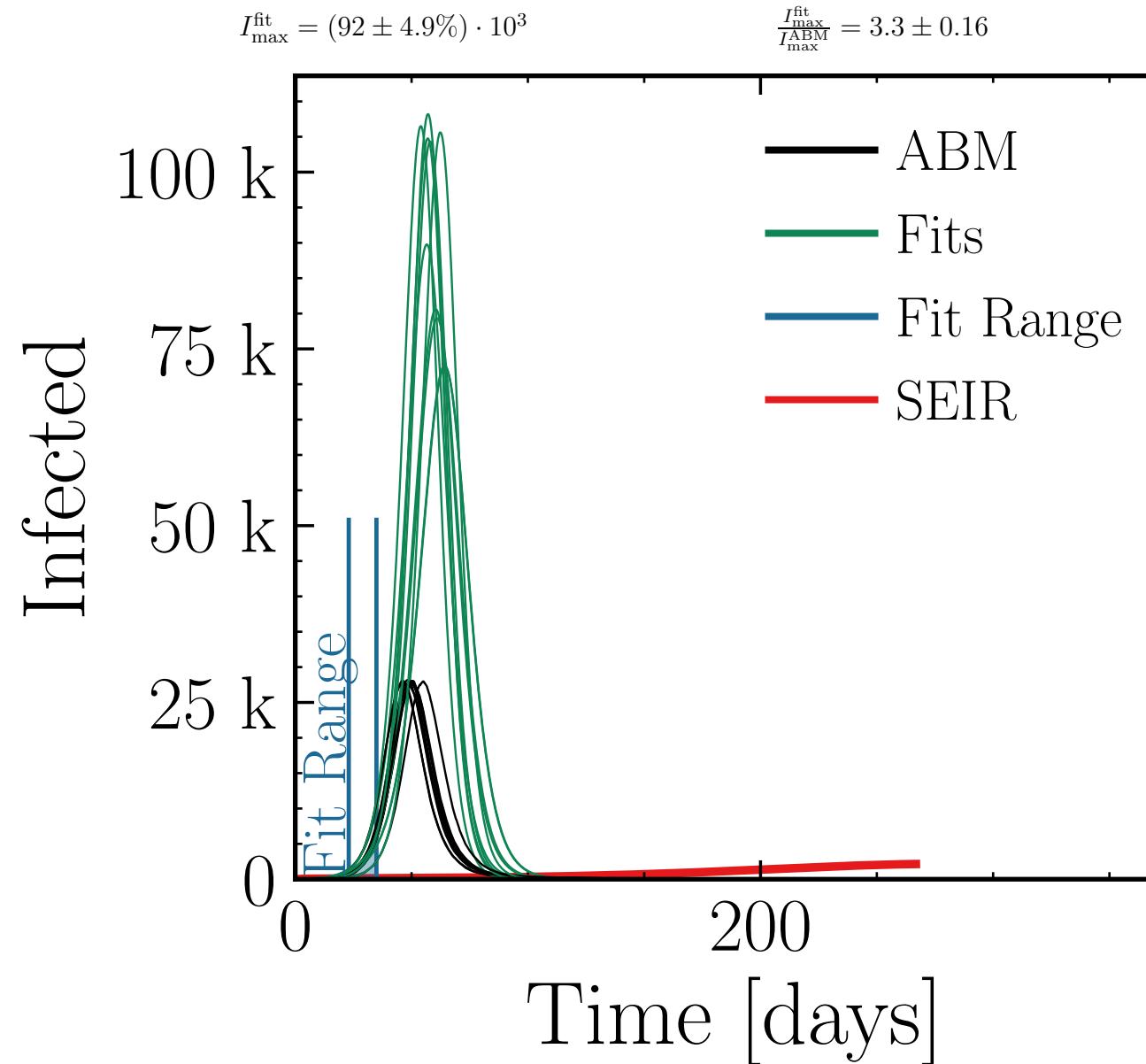
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.0065$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 263402d3b9, #10



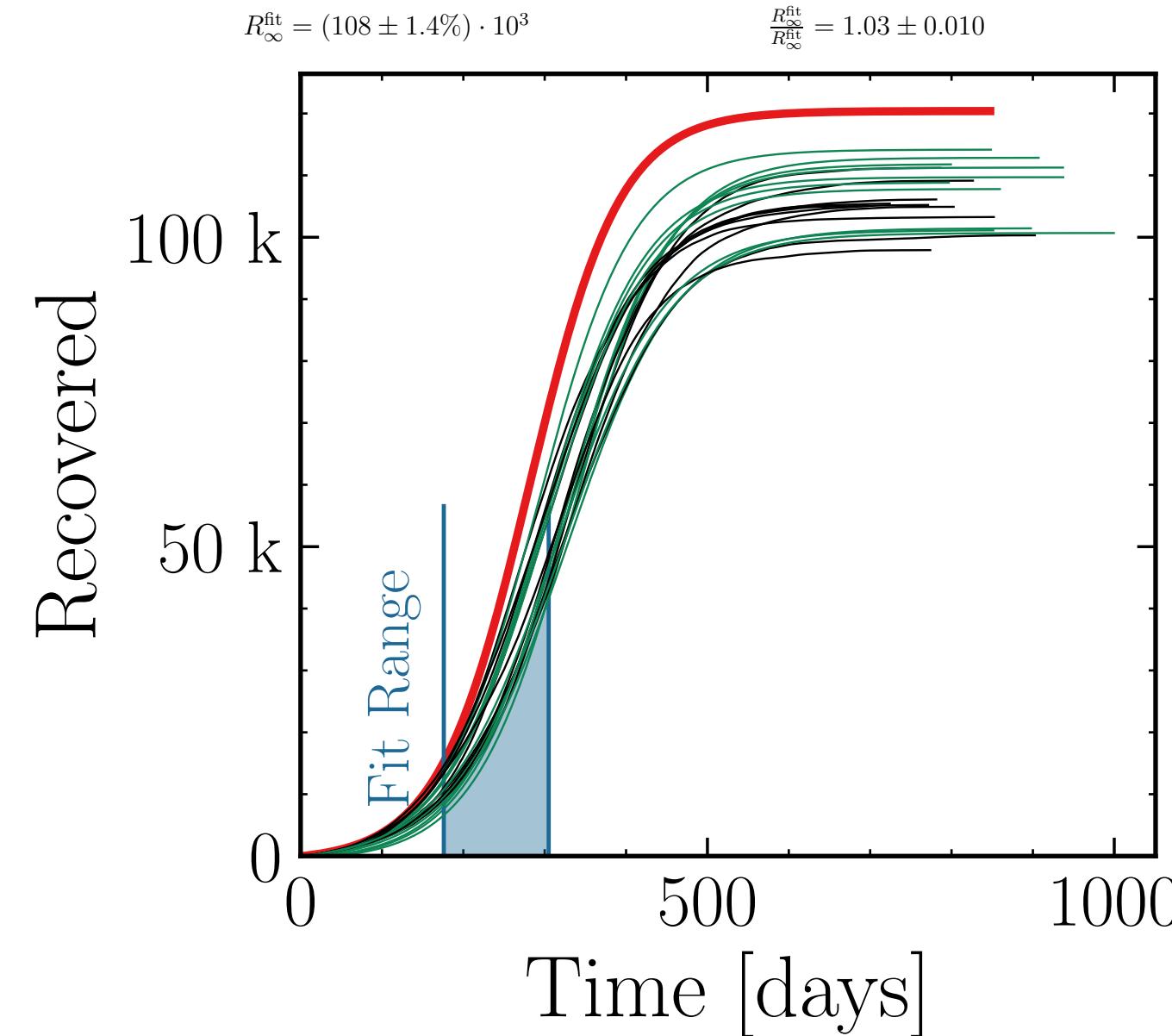
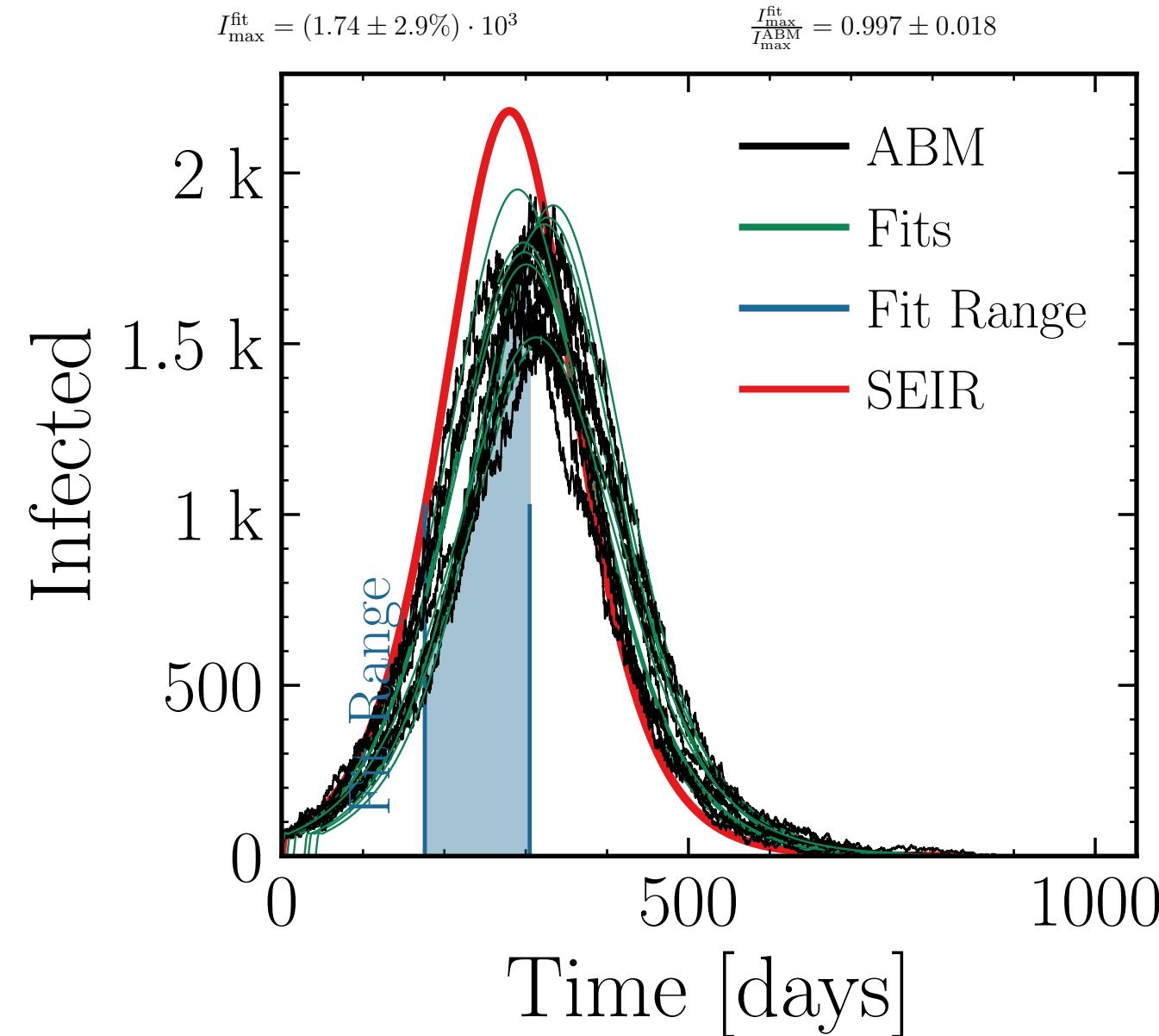
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 4644e87912, #10



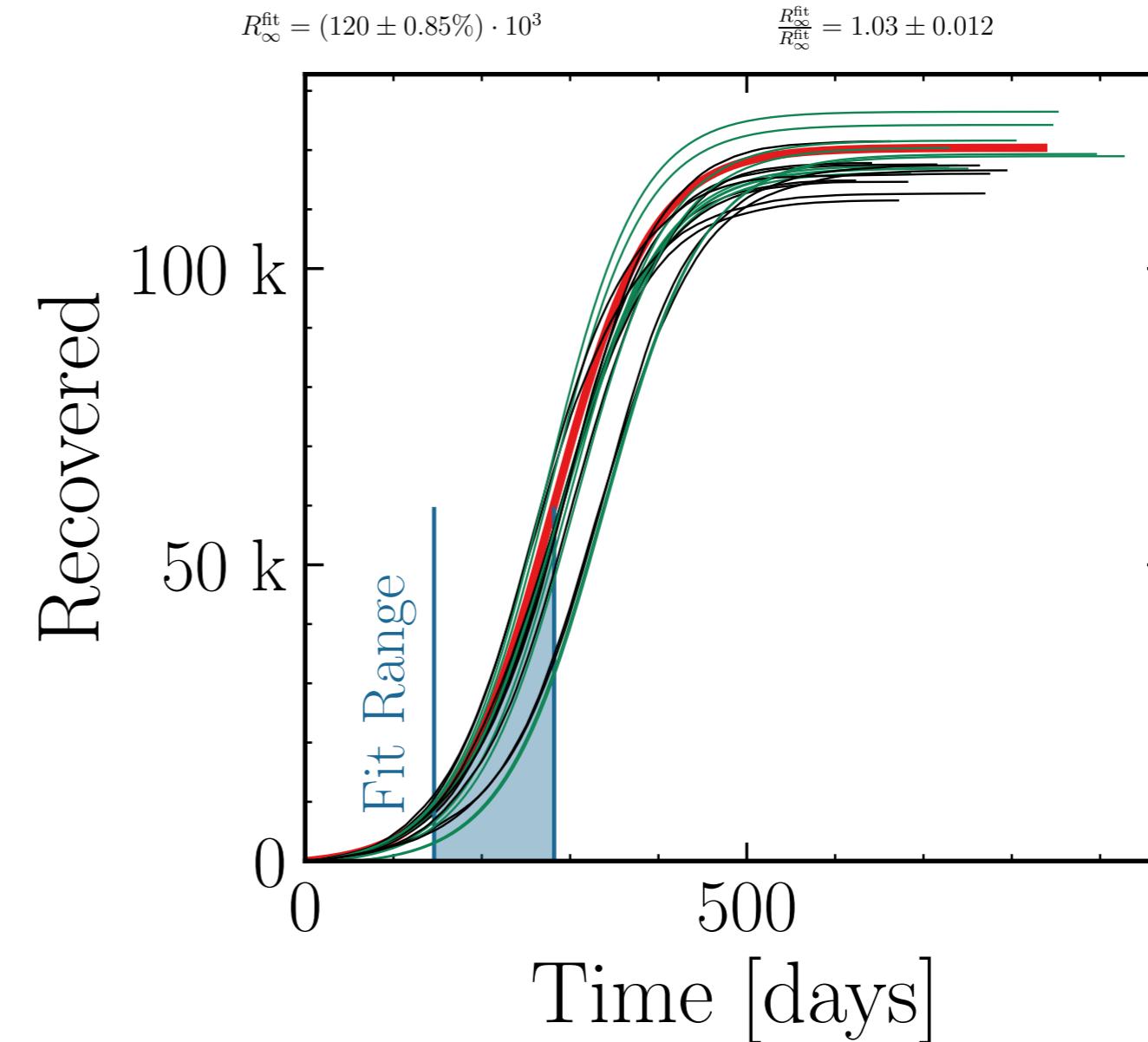
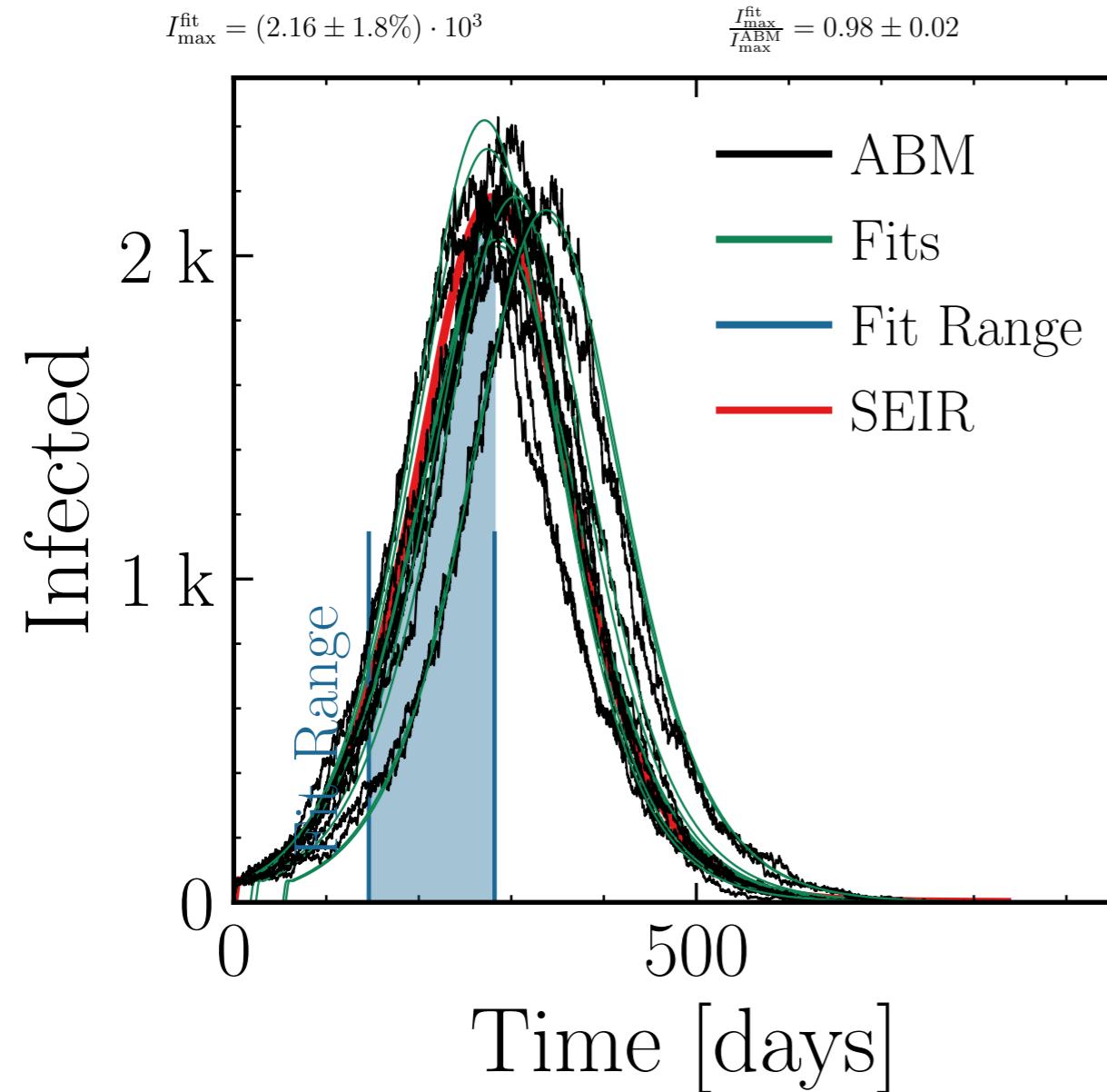
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b54486068f, #10



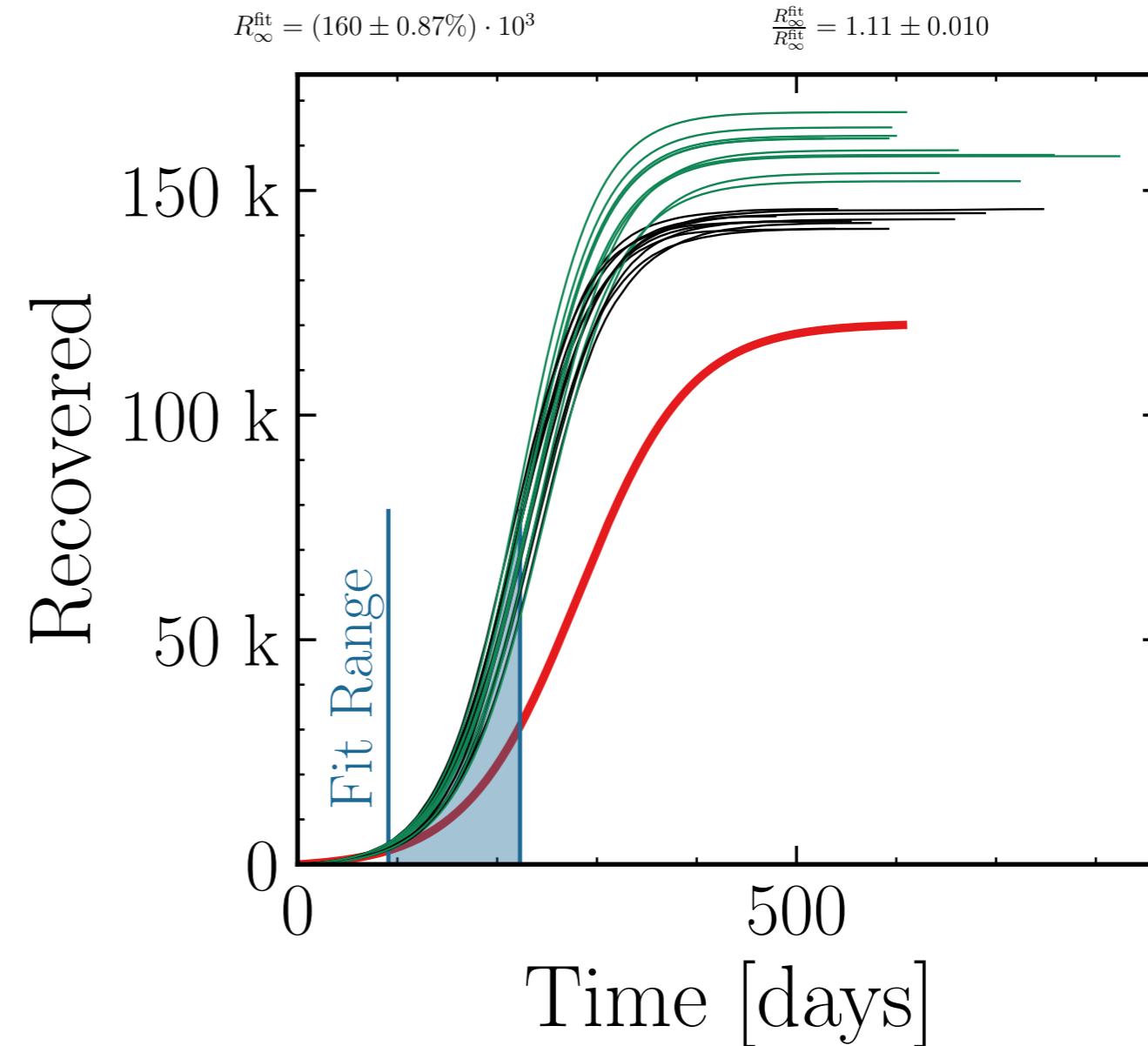
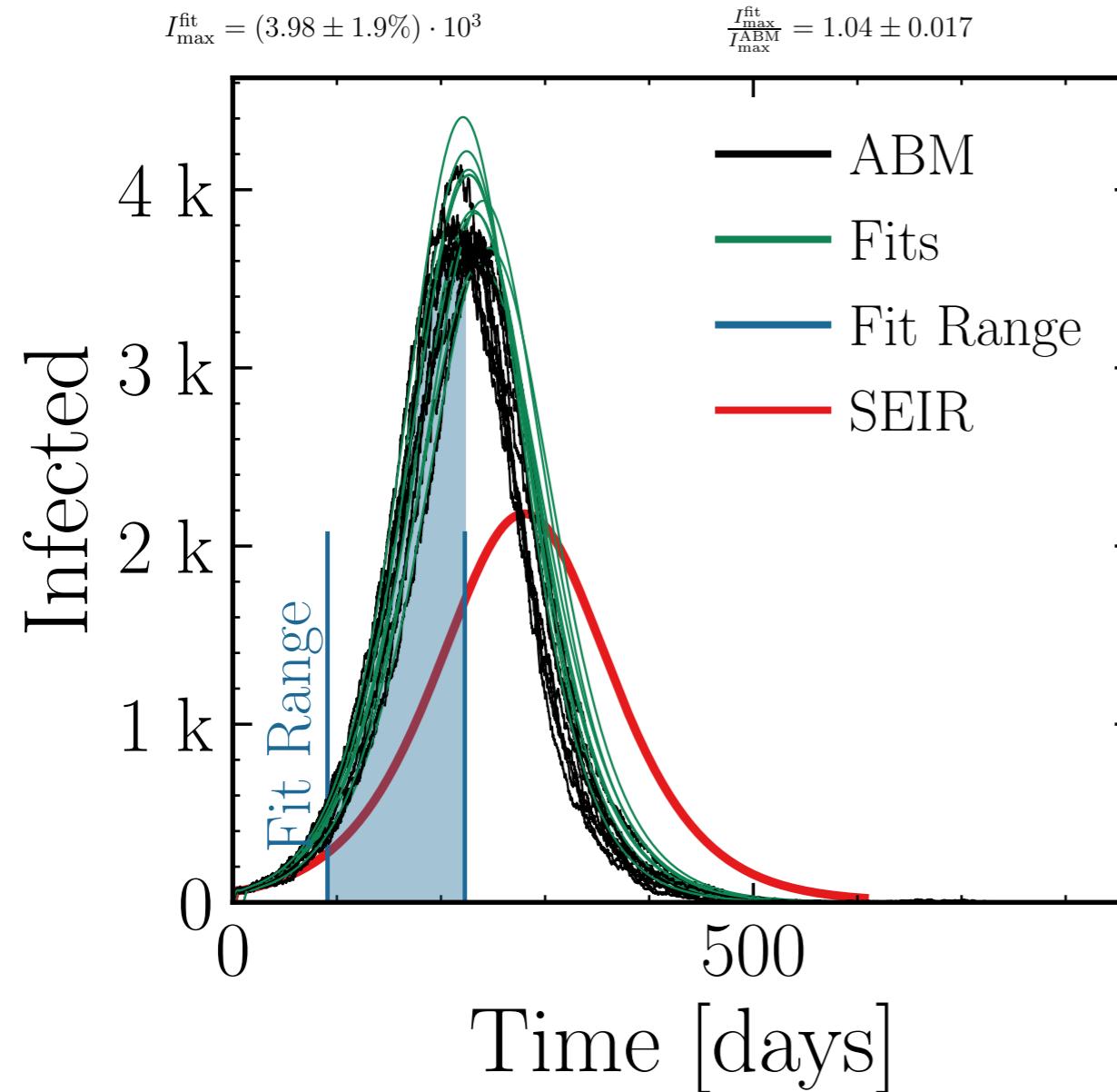
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 992407d53a, #10



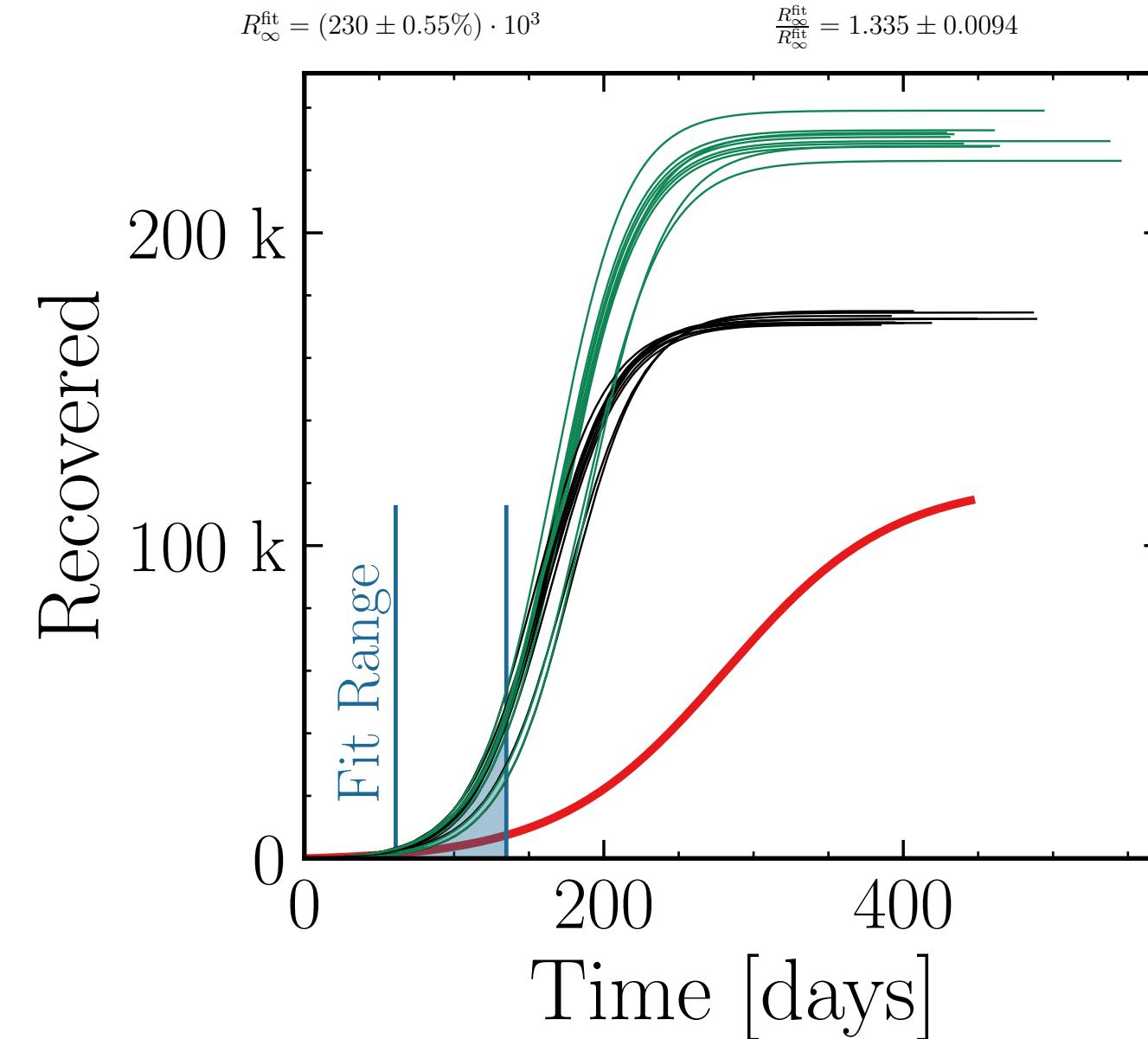
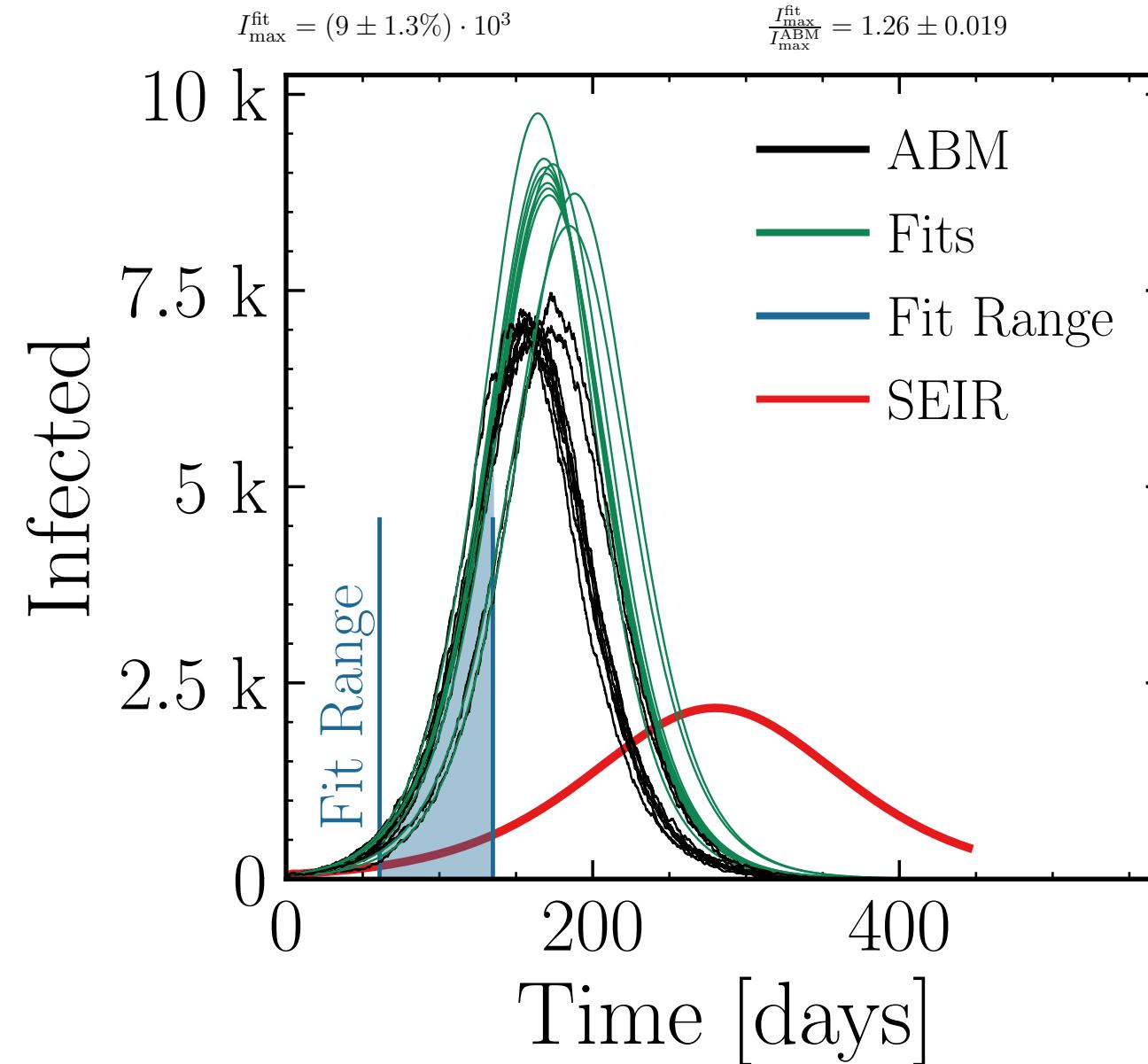
$N_{\text{tot}} = 580K$ ,  $\rho = 0.005$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6ddf283b13, #10



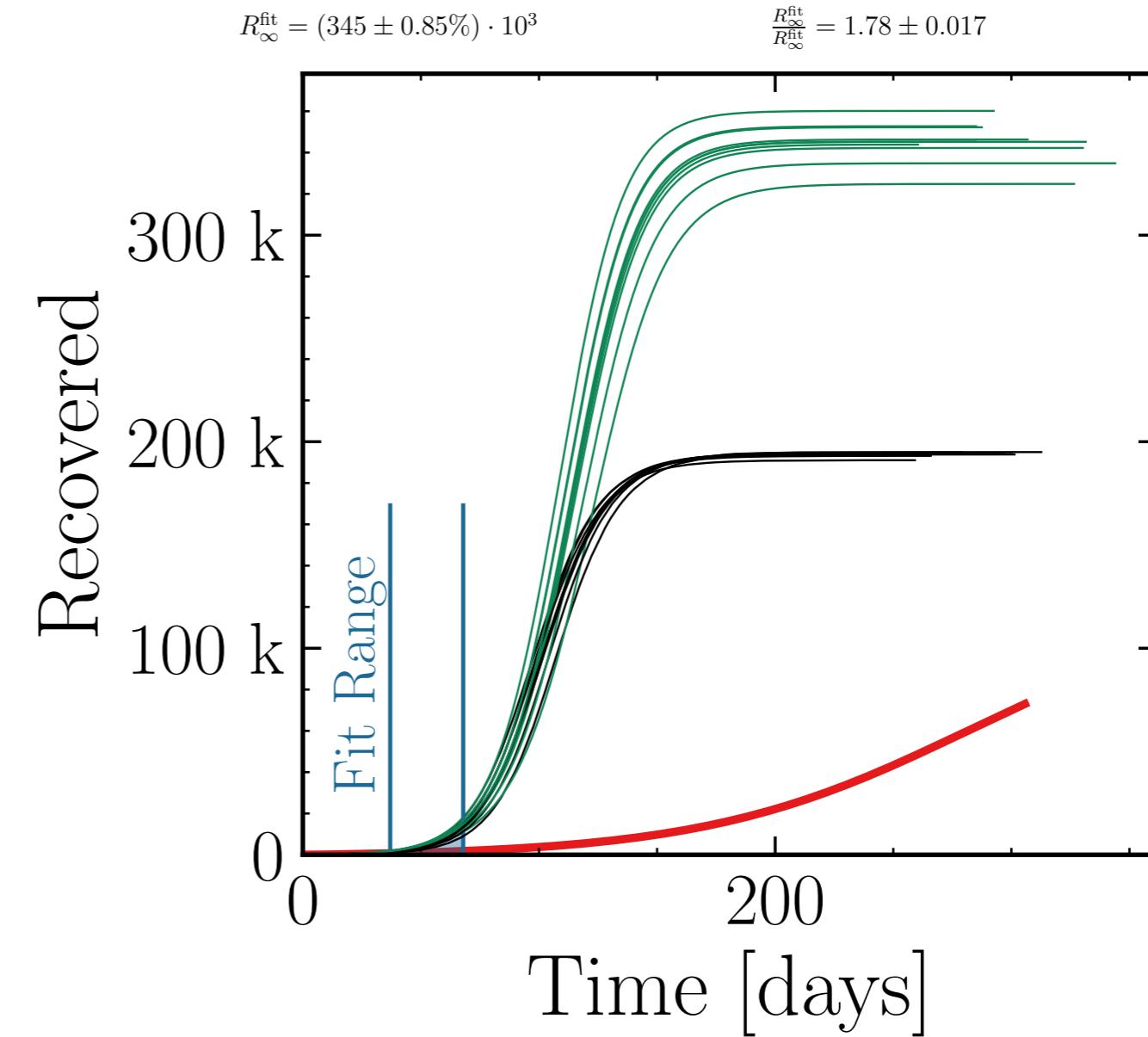
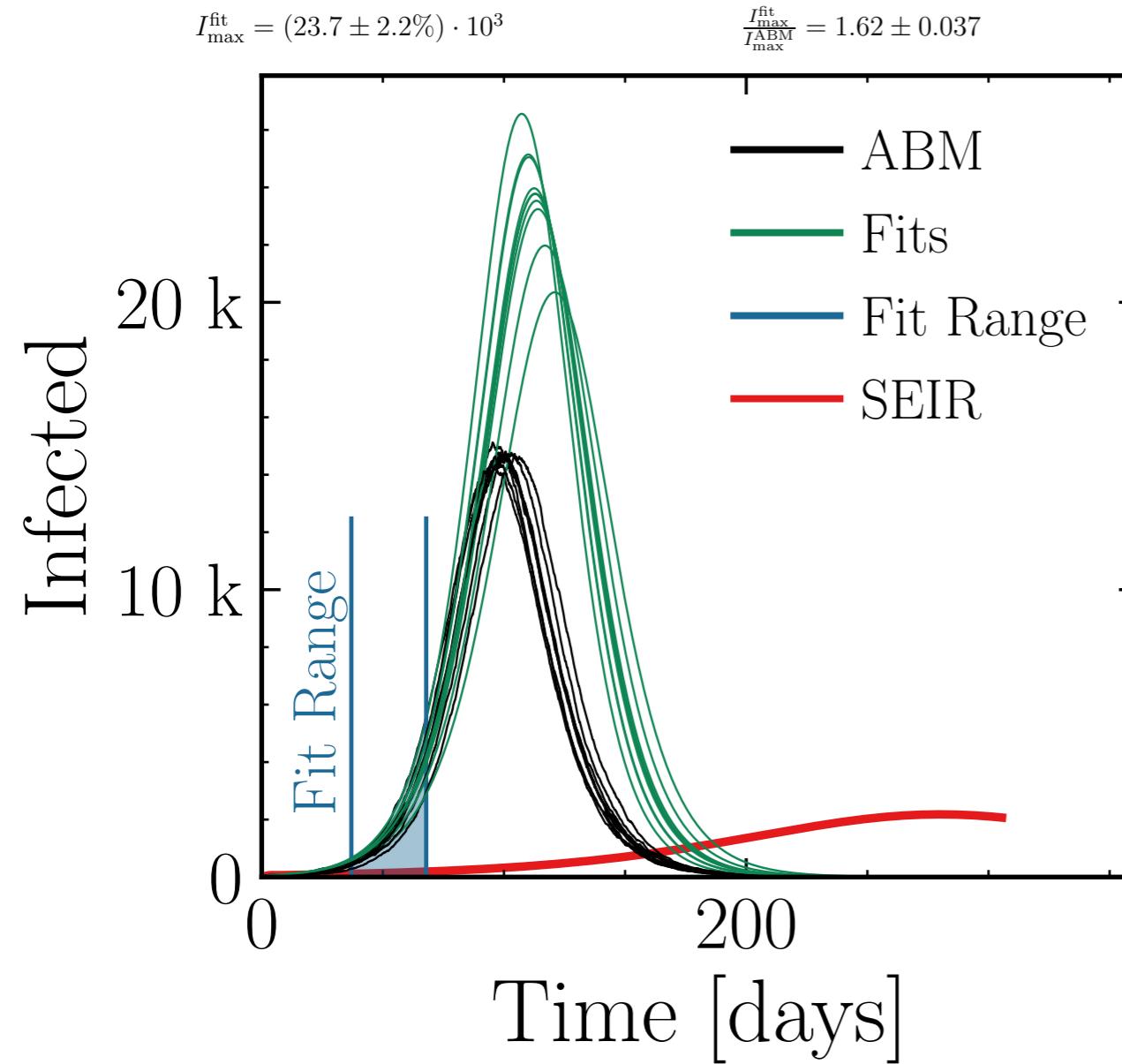
$N_{\text{tot}} = 580K$ ,  $\rho = 0.01$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0e48e61467, #10



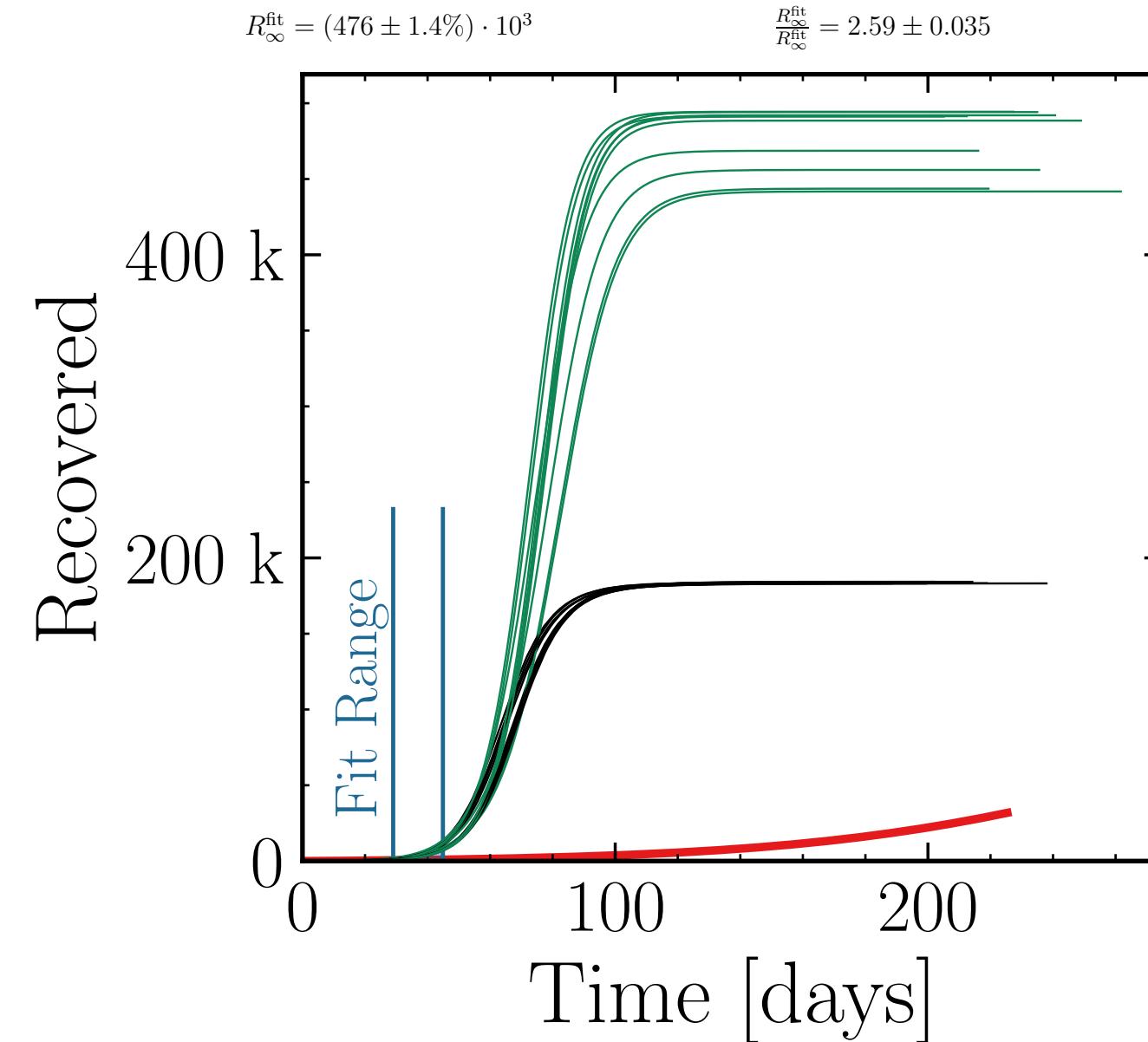
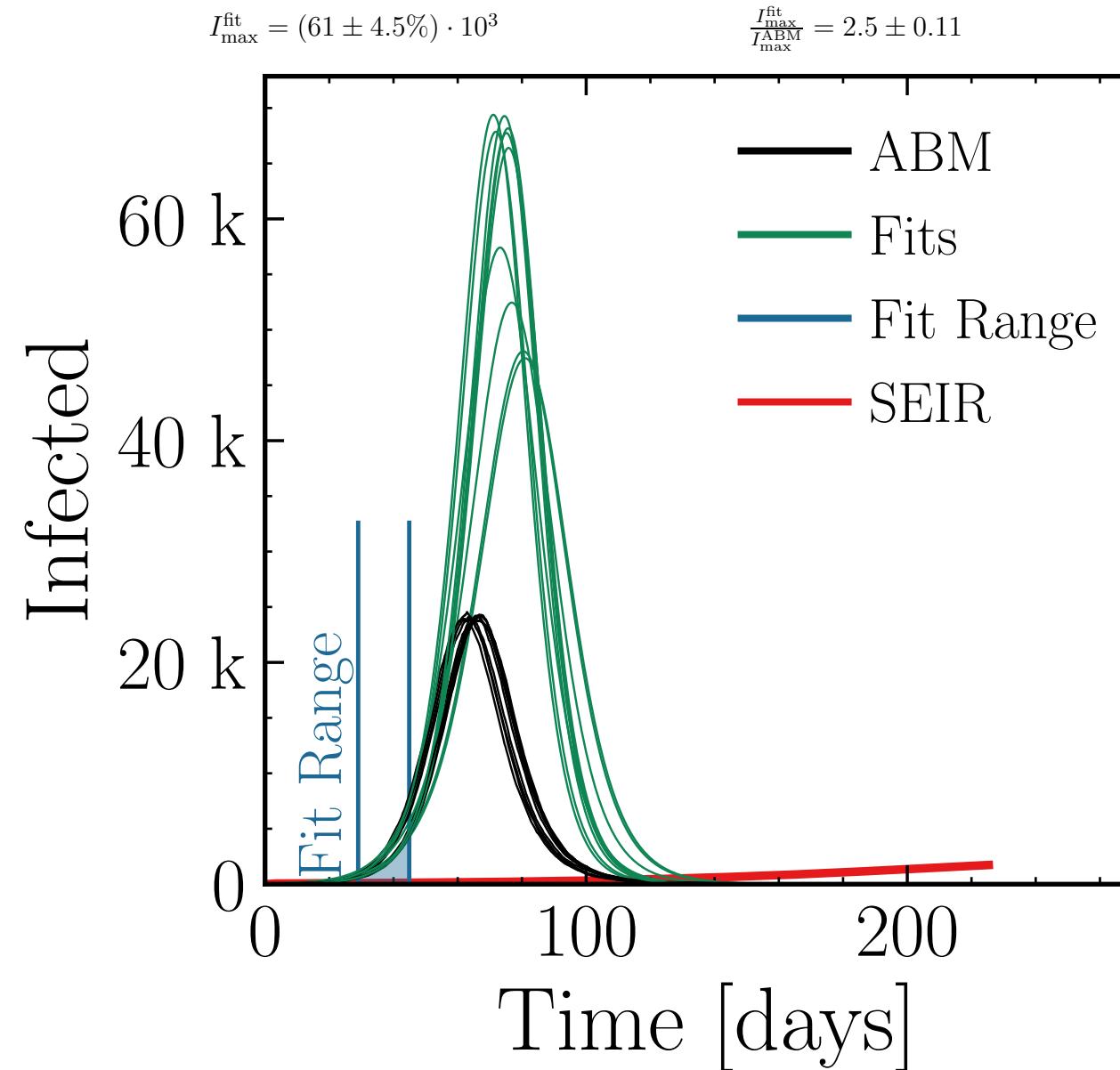
$N_{\text{tot}} = 580K$ ,  $\rho = 0.015$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 7a352fac85, #10



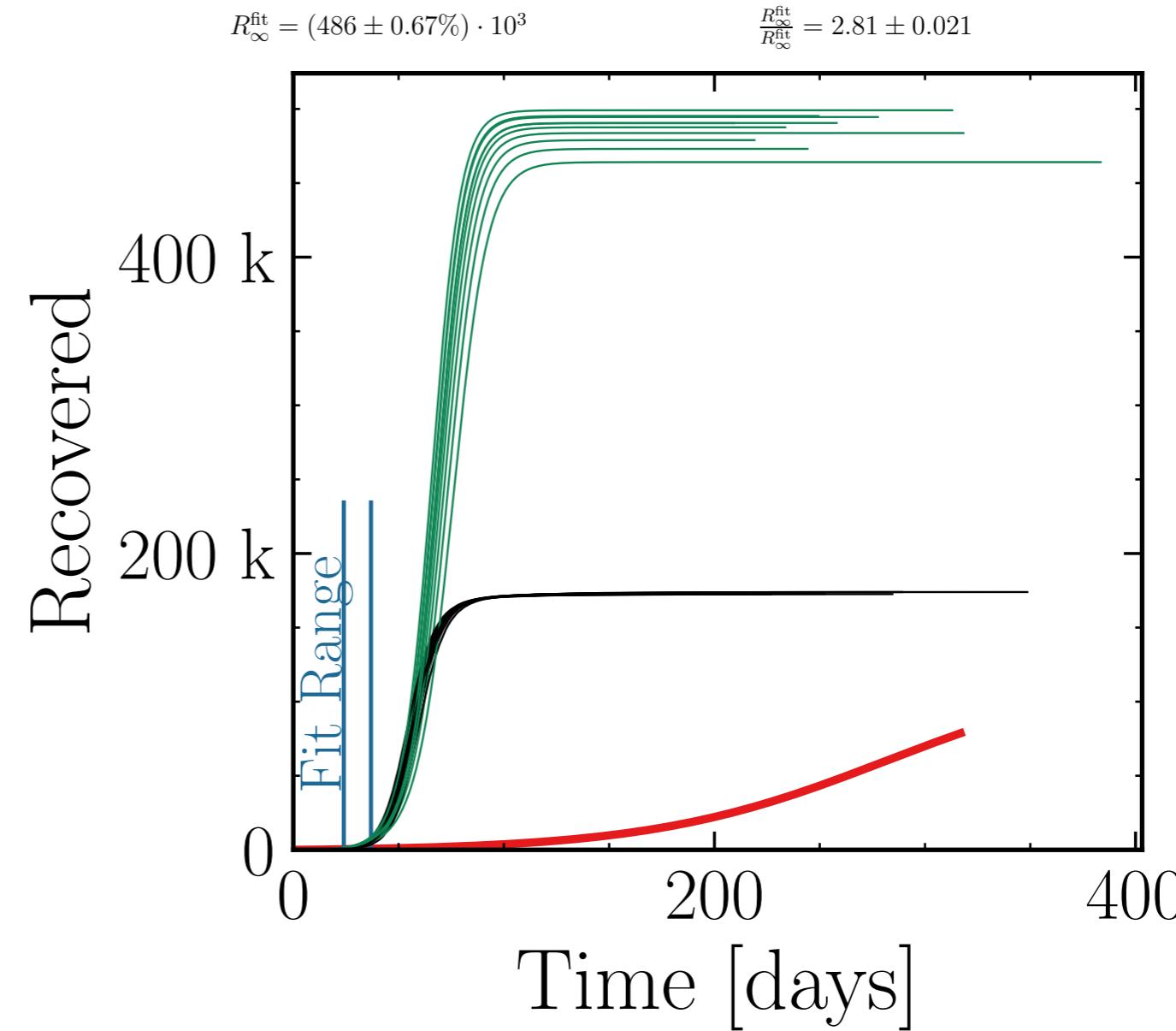
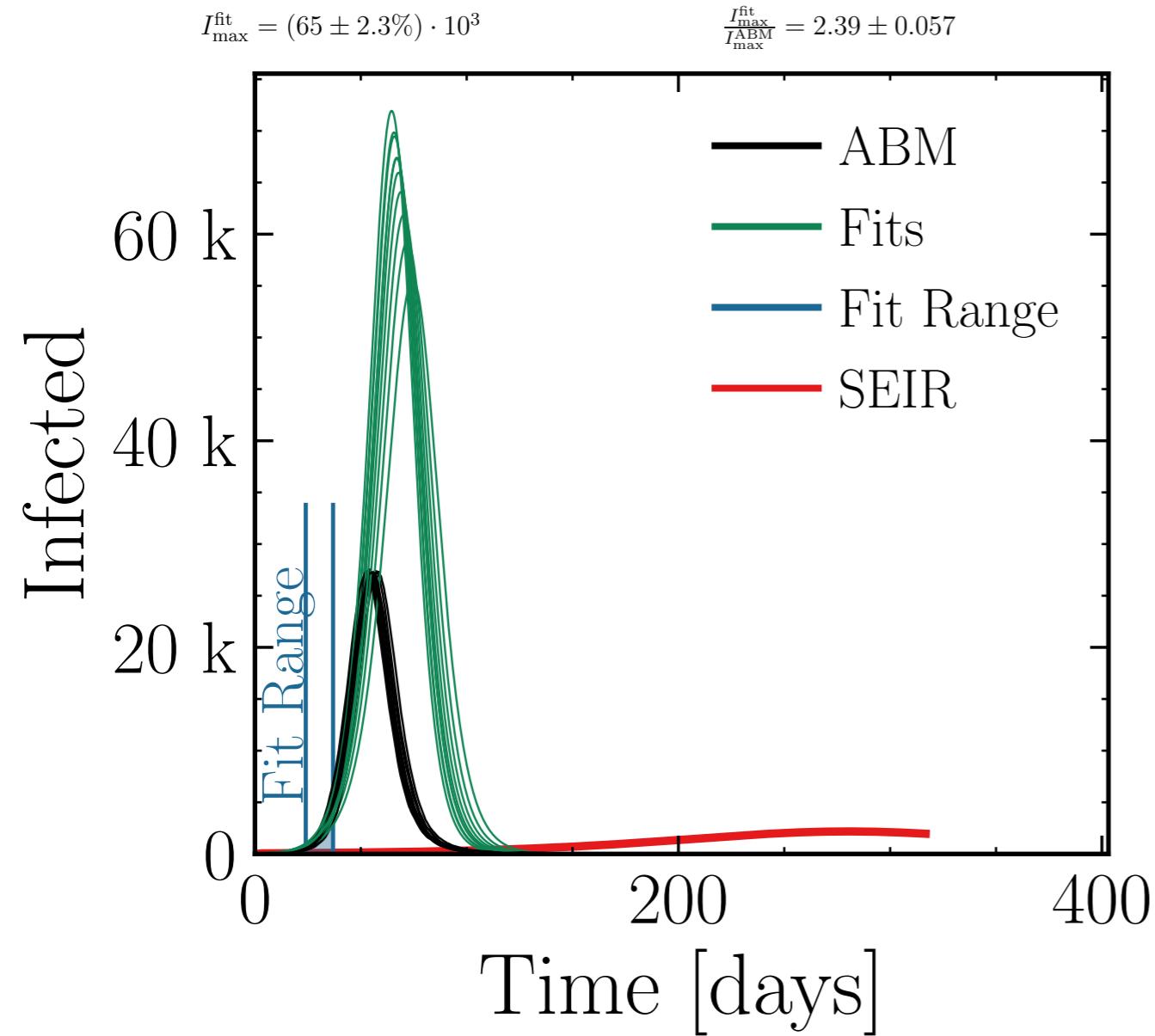
$N_{\text{tot}} = 580K$ ,  $\rho = 0.025$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b2804c6b3a, #10



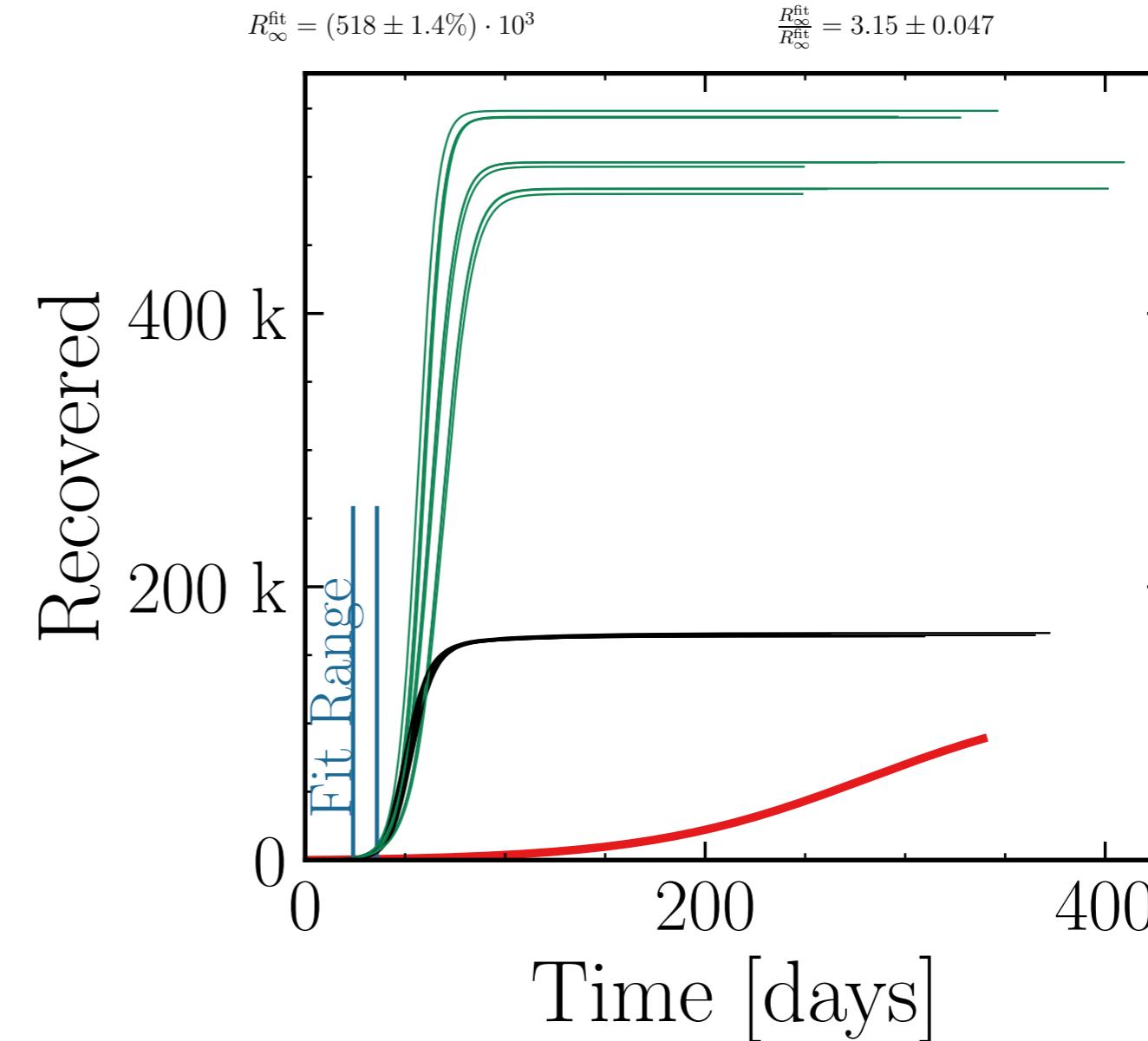
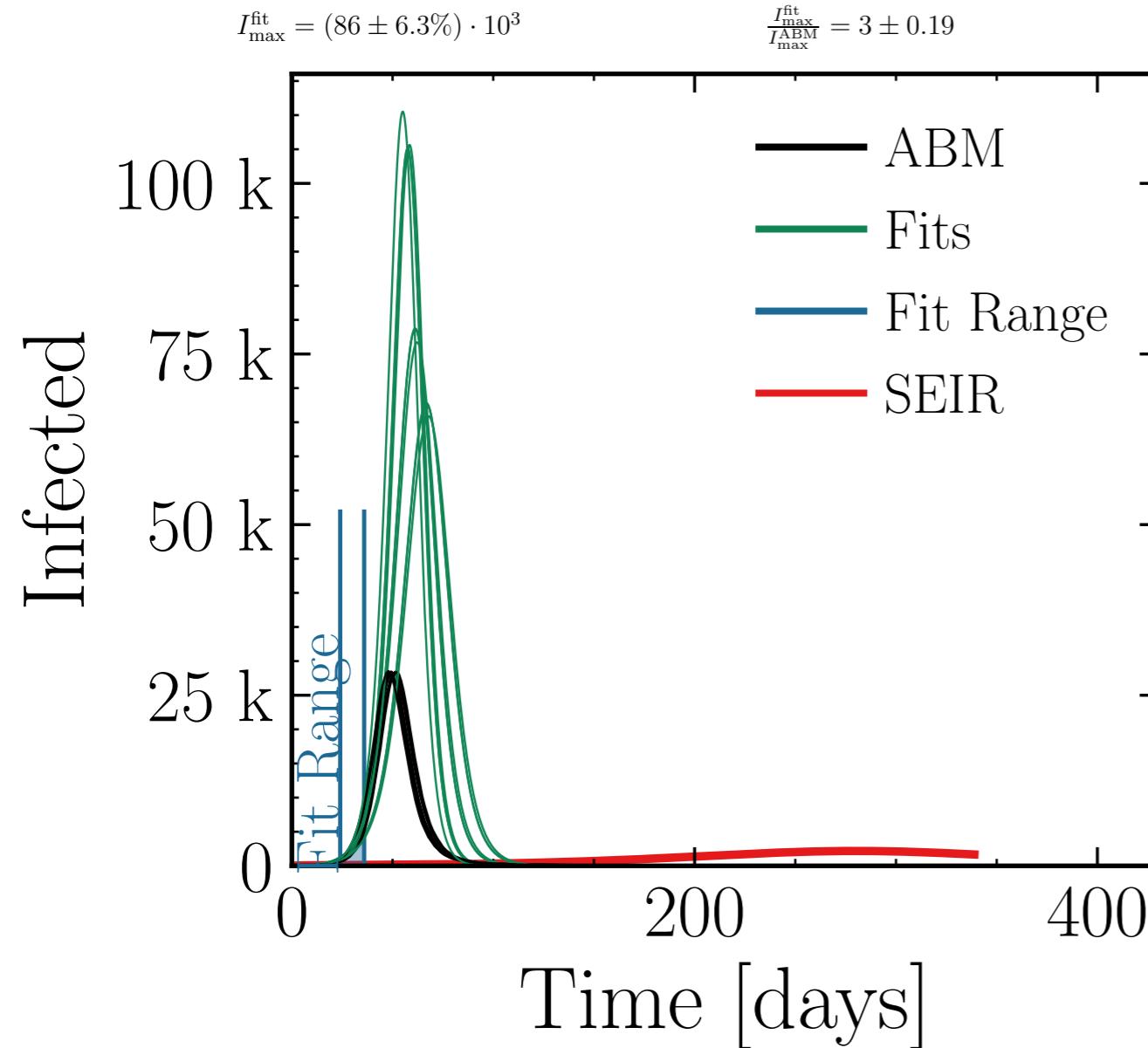
$N_{\text{tot}} = 580K$ ,  $\rho = 0.05$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 4b91af151, #10



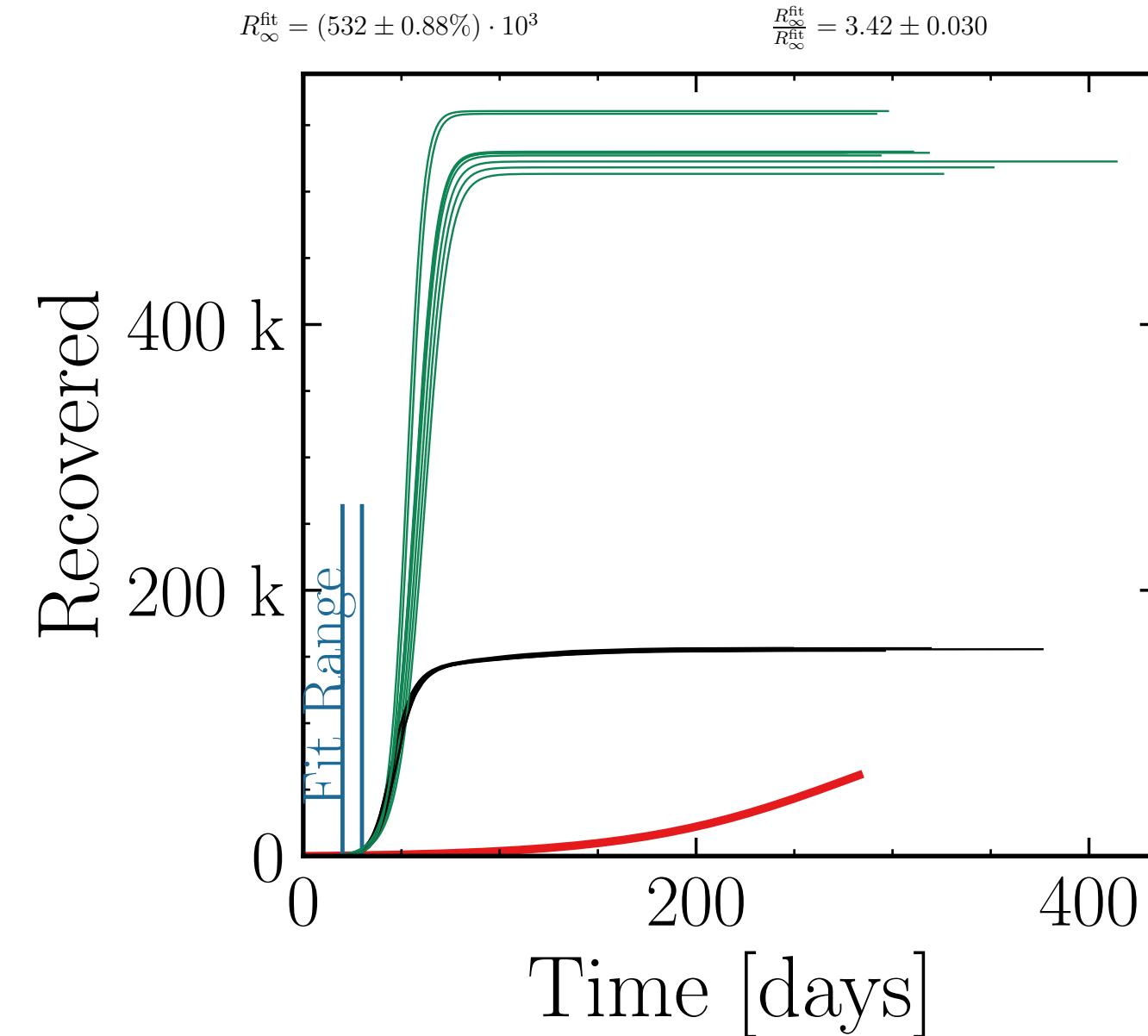
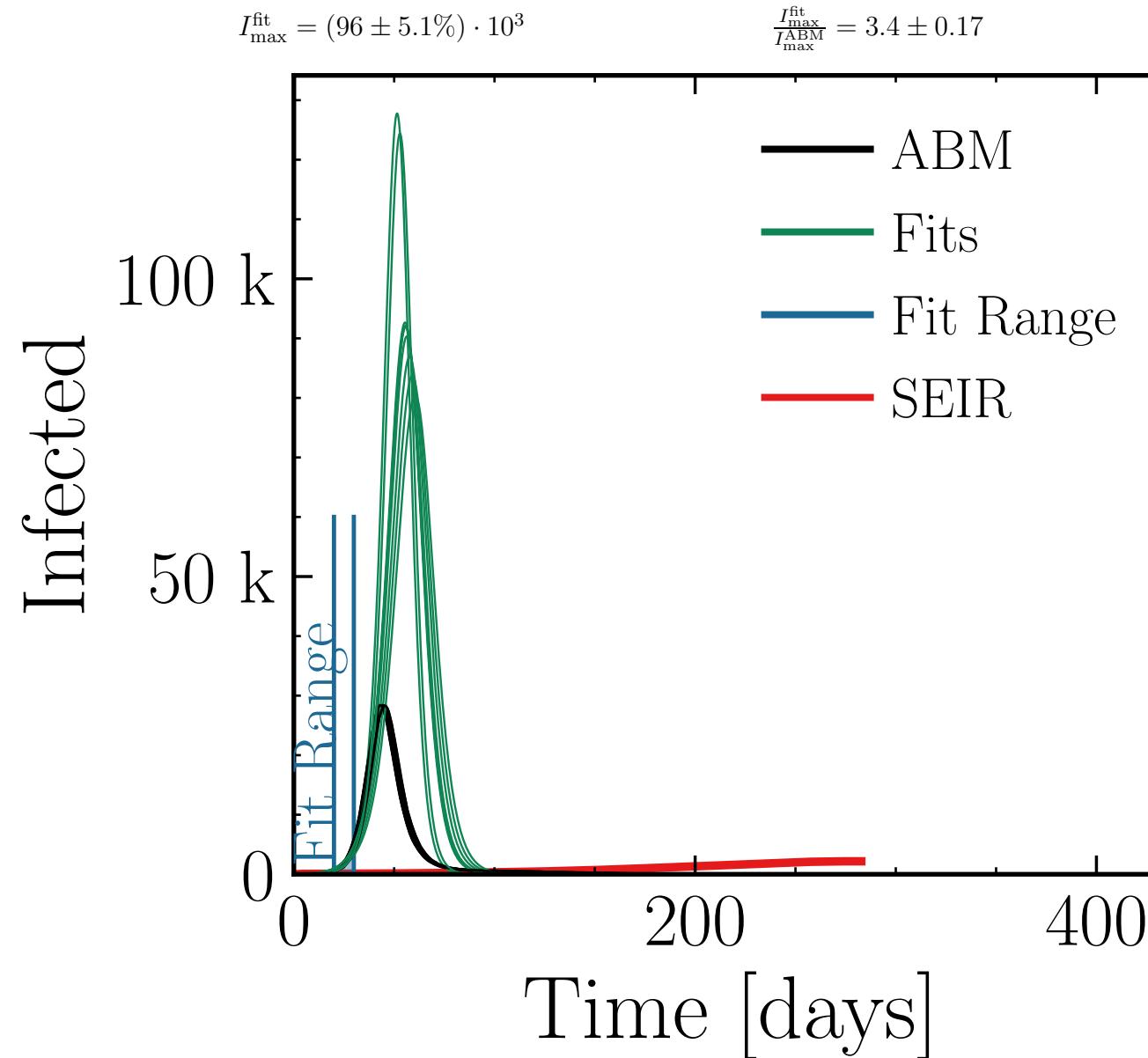
$N_{\text{tot}} = 580K$ ,  $\rho = 0.075$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 3a4fb28db9, #10



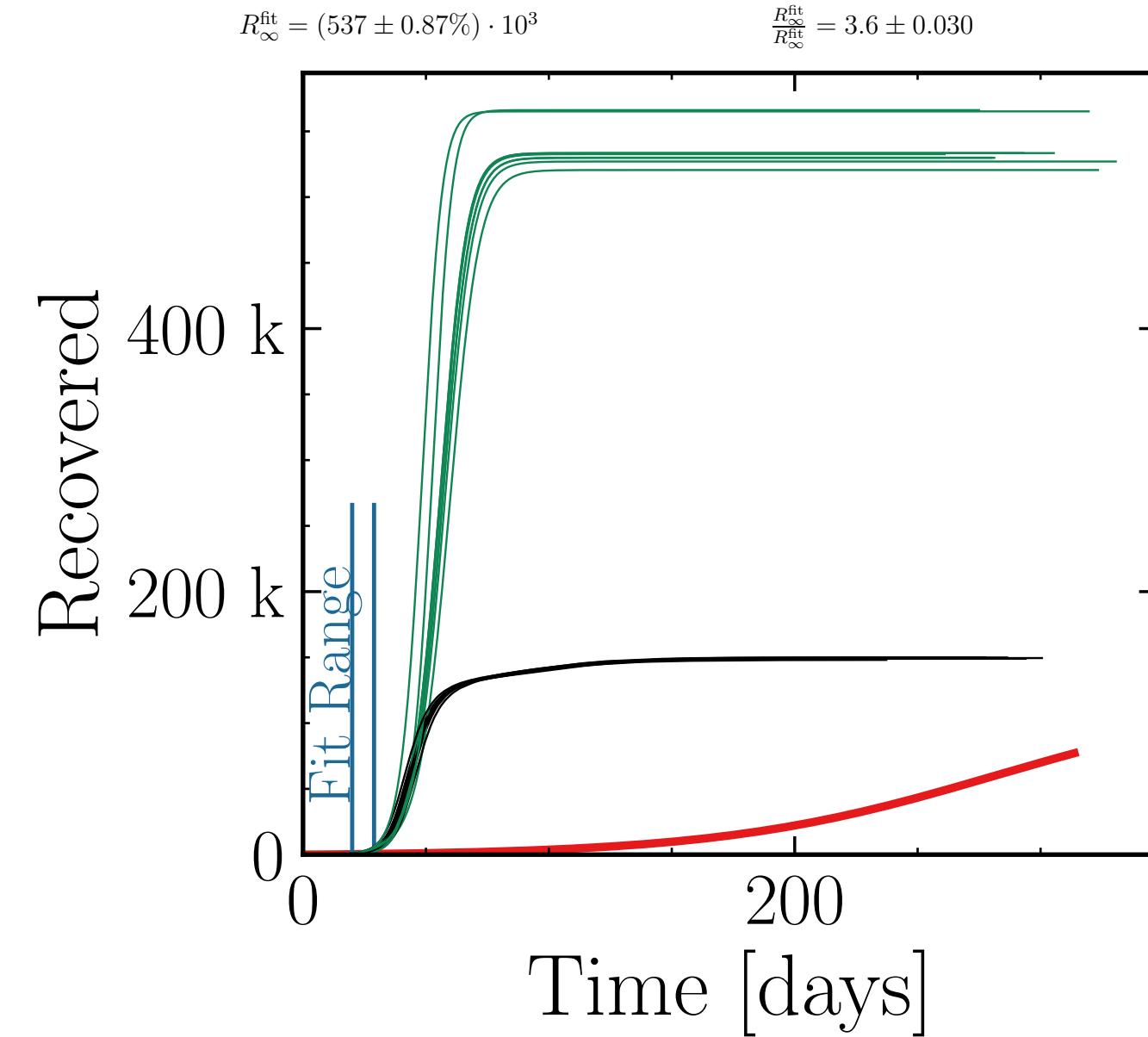
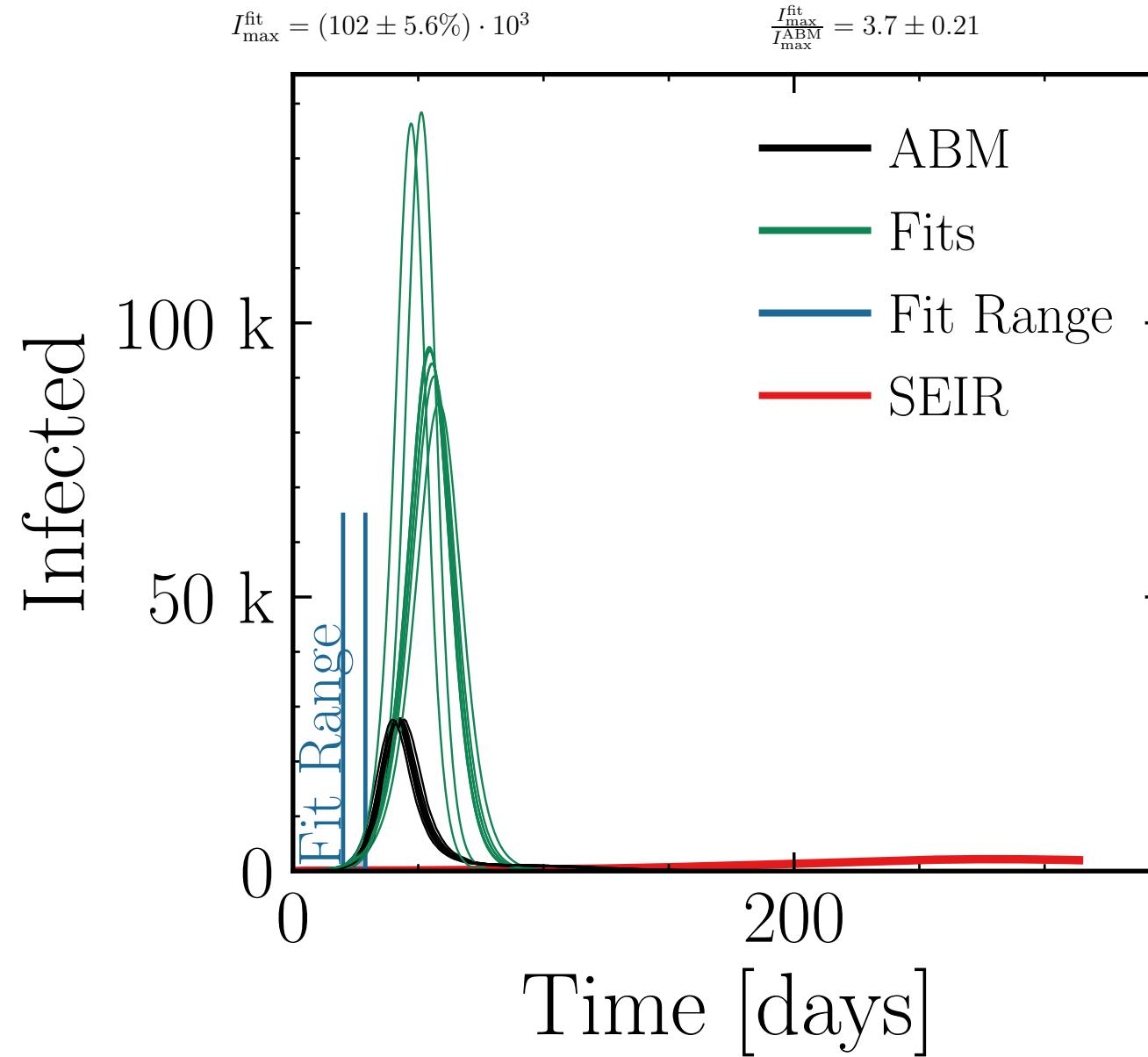
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = ed2eba4302, #10



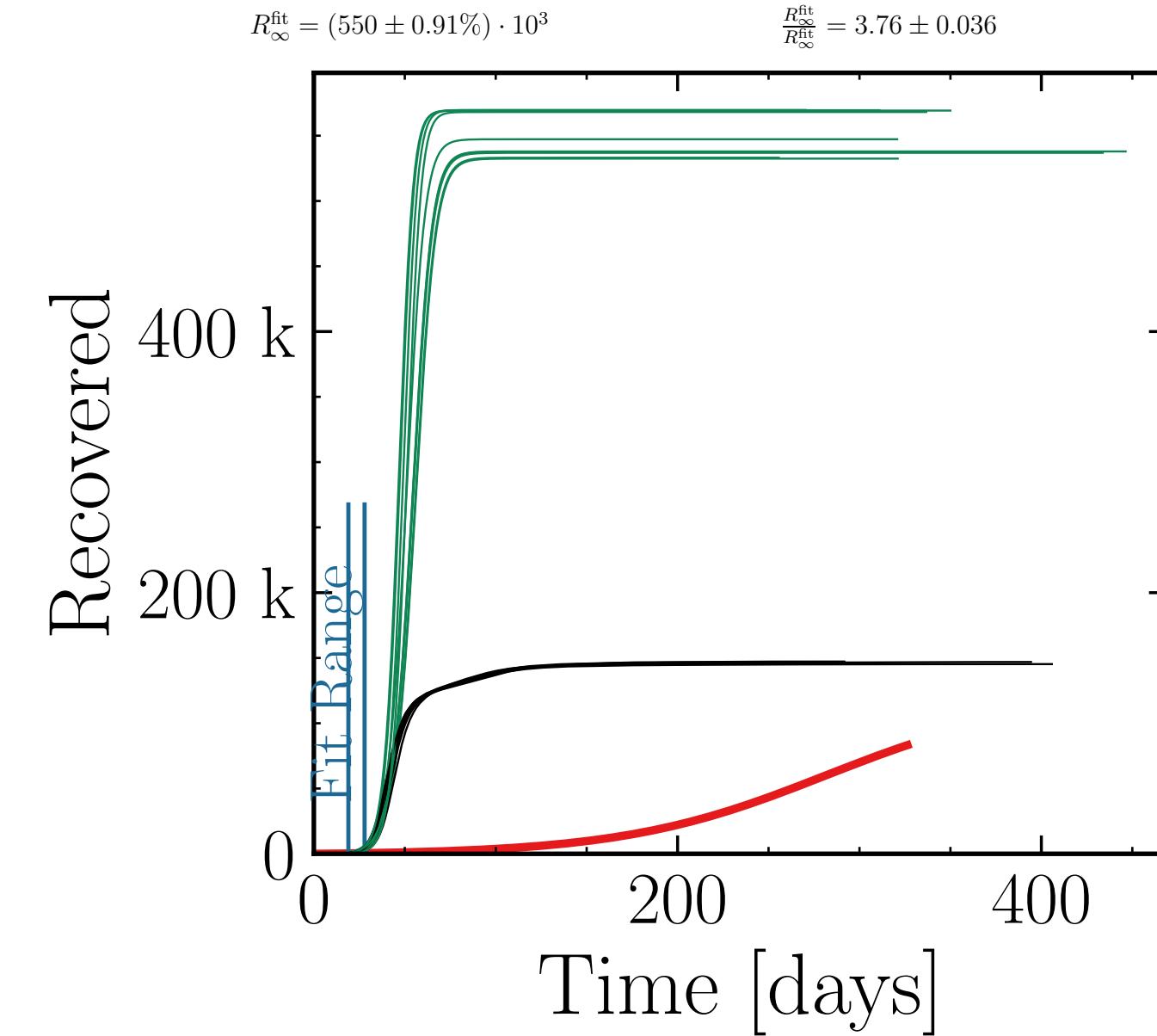
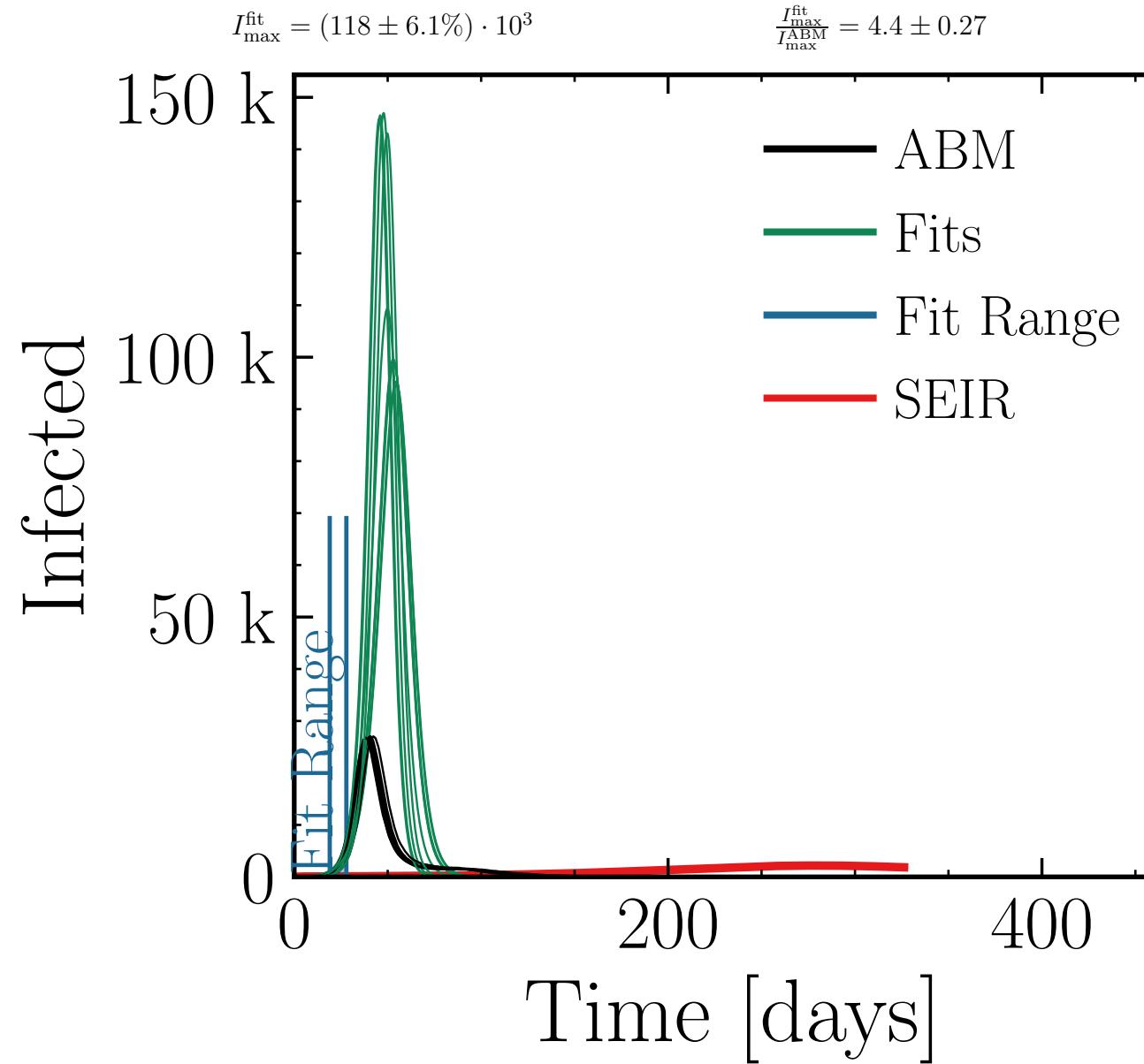
$N_{\text{tot}} = 580K$ ,  $\rho = 0.15$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c263e2a09e, #10



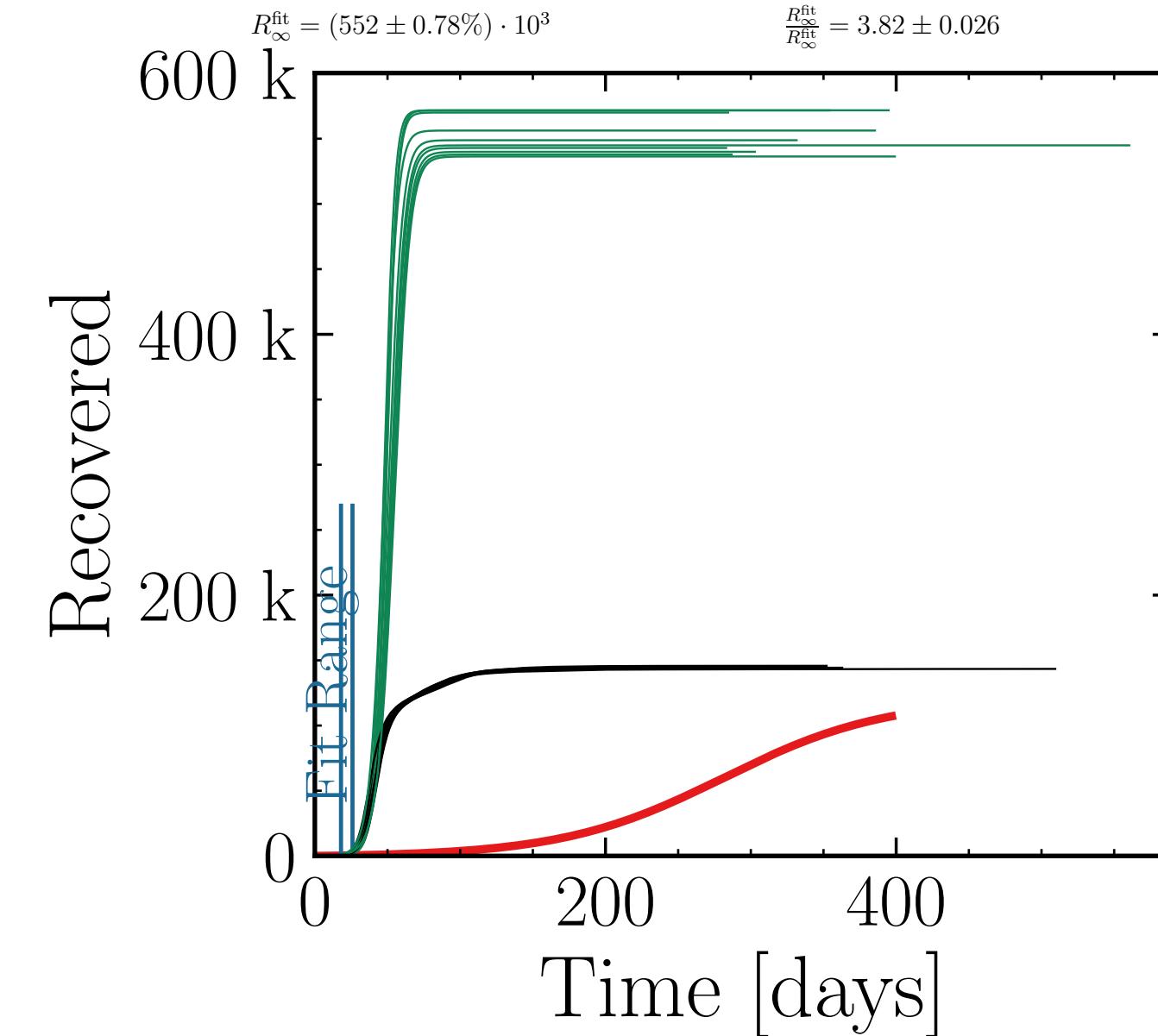
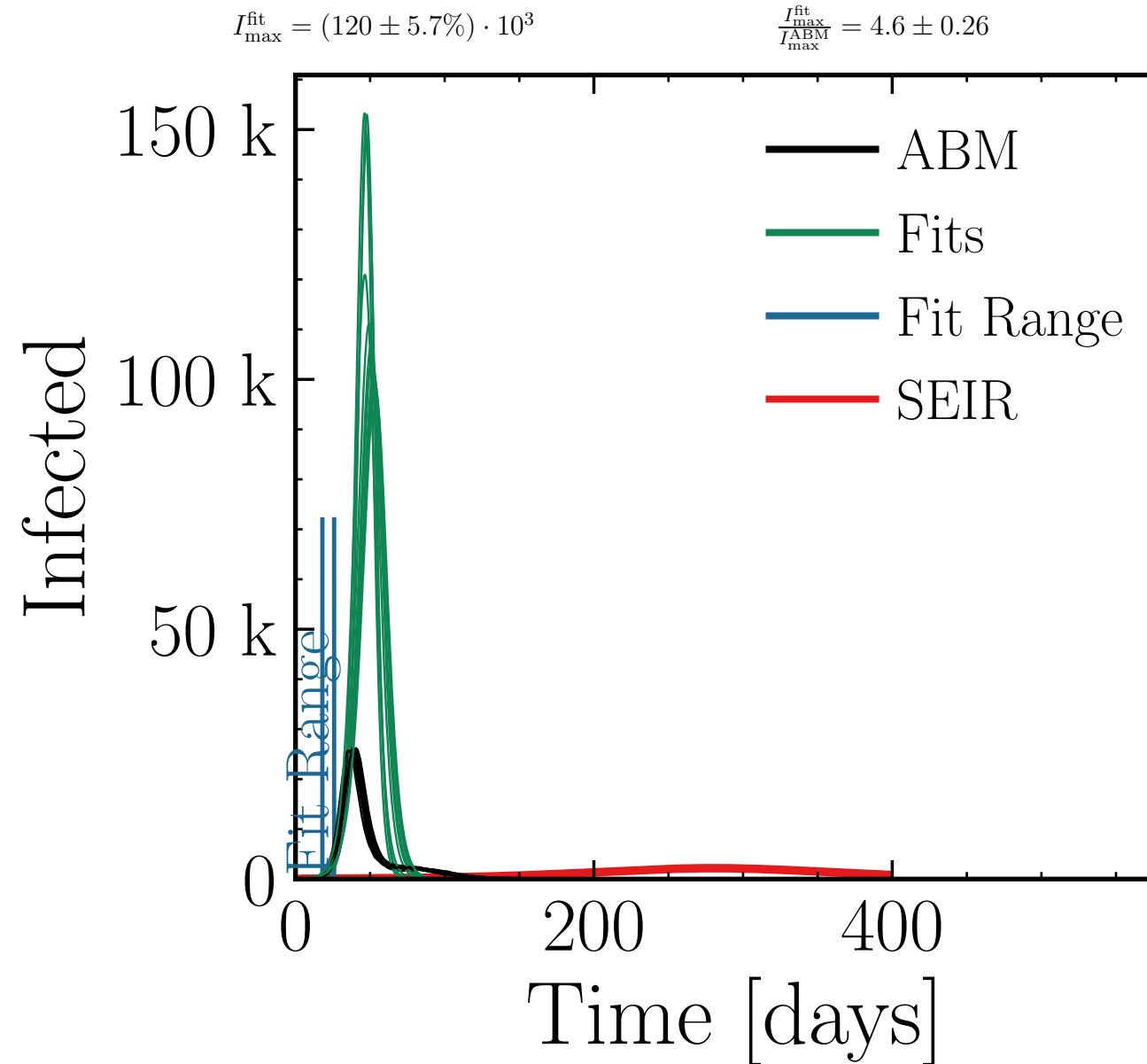
$N_{\text{tot}} = 580K$ ,  $\rho = 0.2$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 1cb230e990, #10



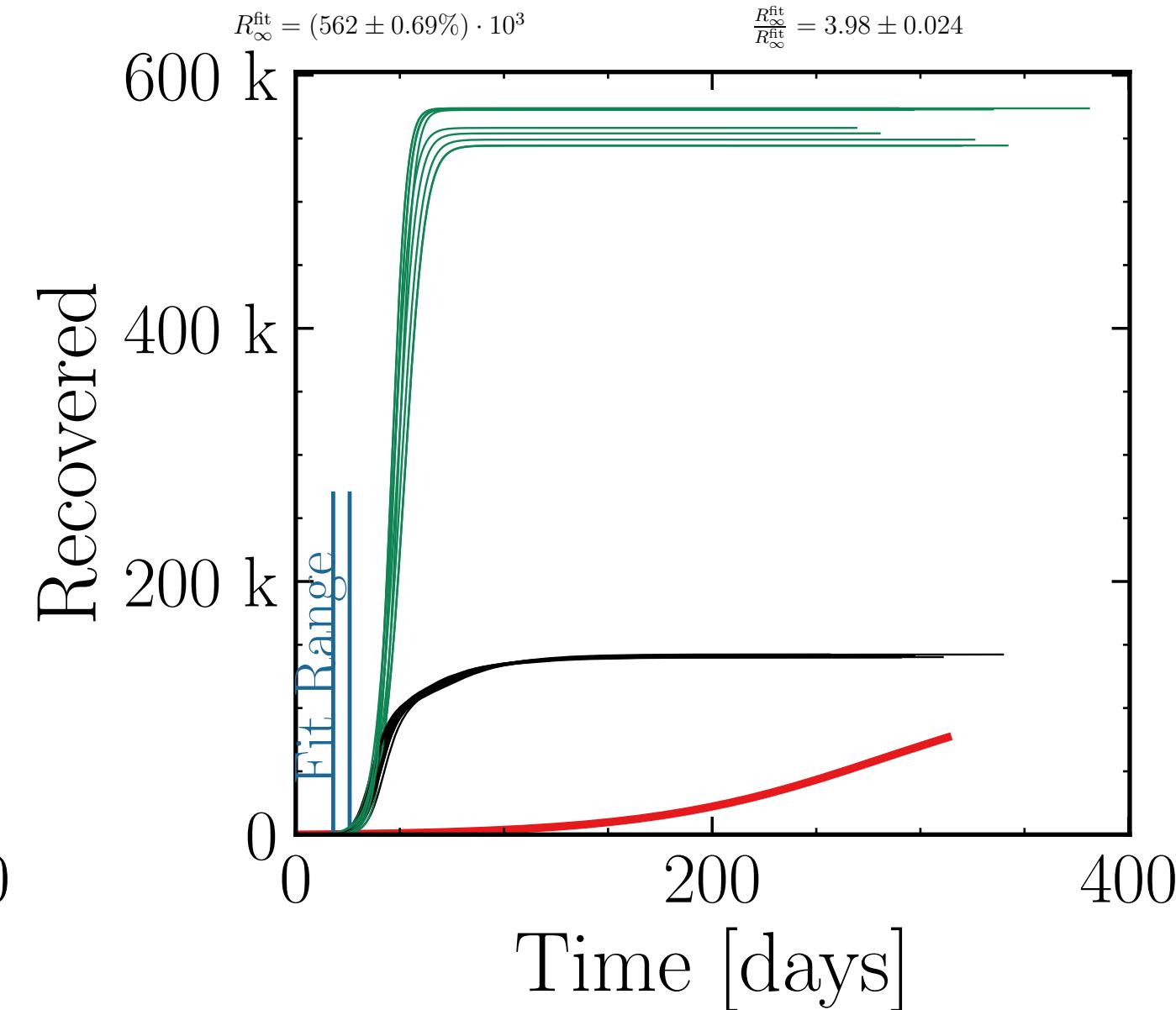
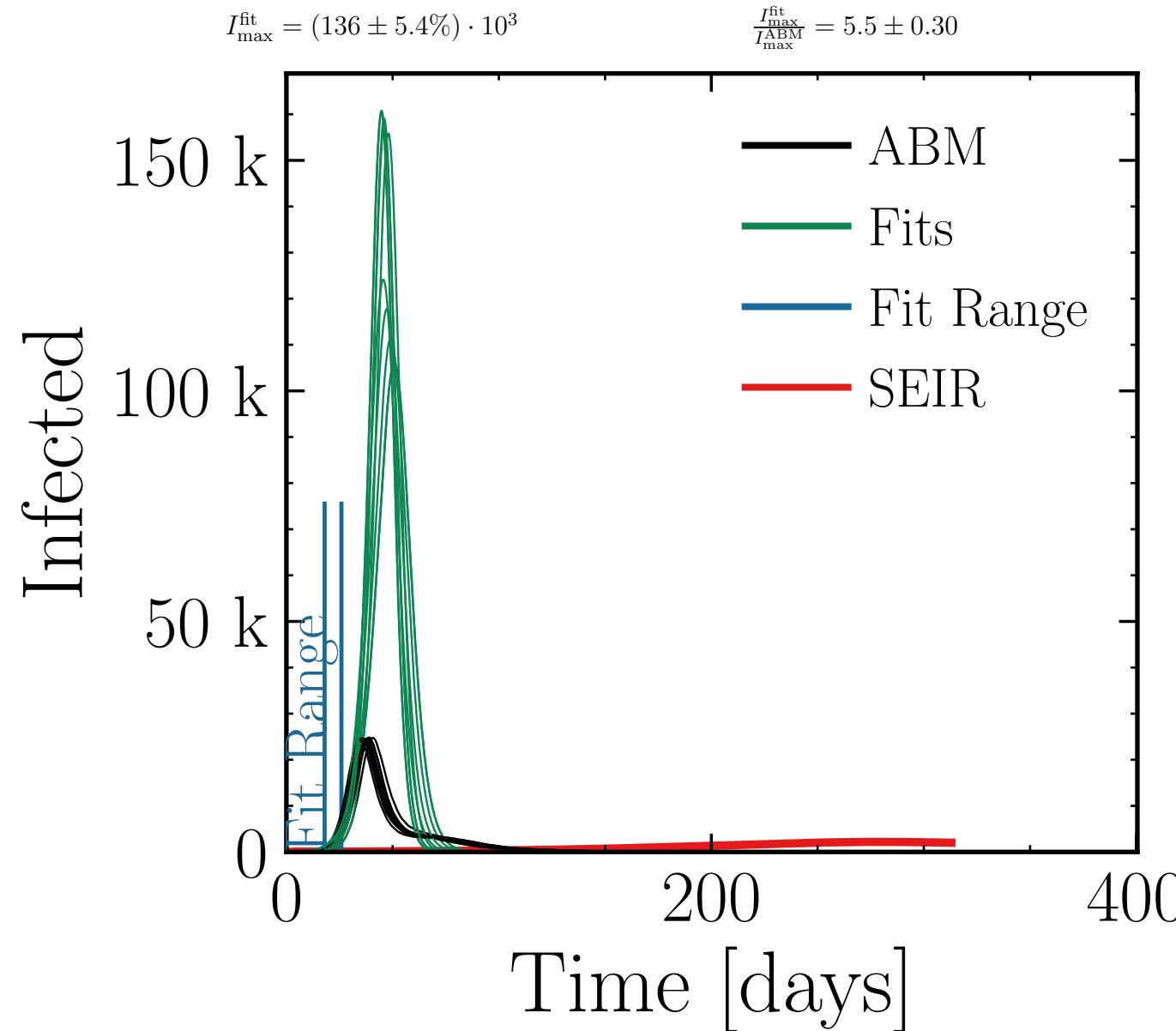
$N_{\text{tot}} = 580K$ ,  $\rho = 0.25$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 2cdd98b1b9, #10



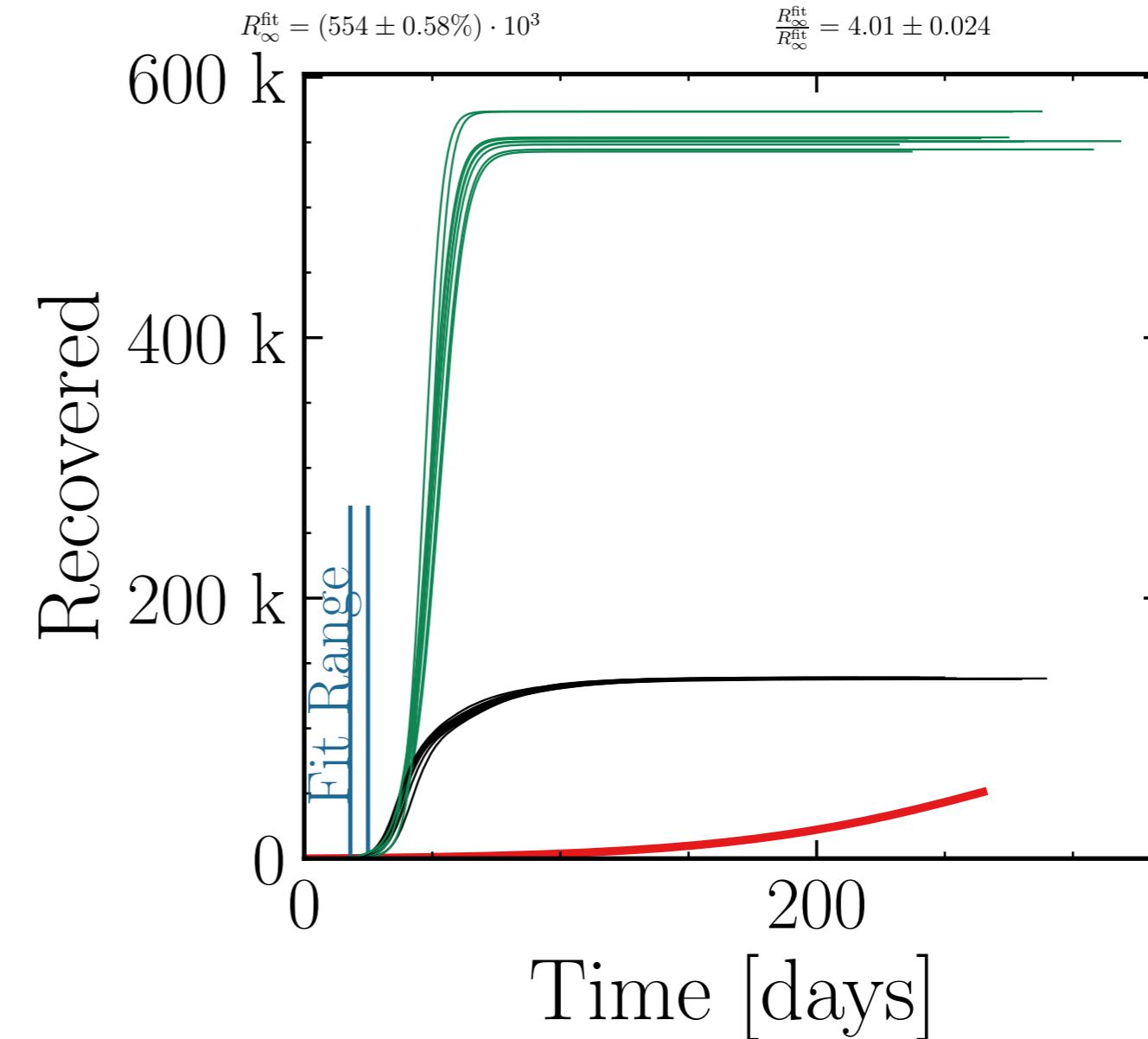
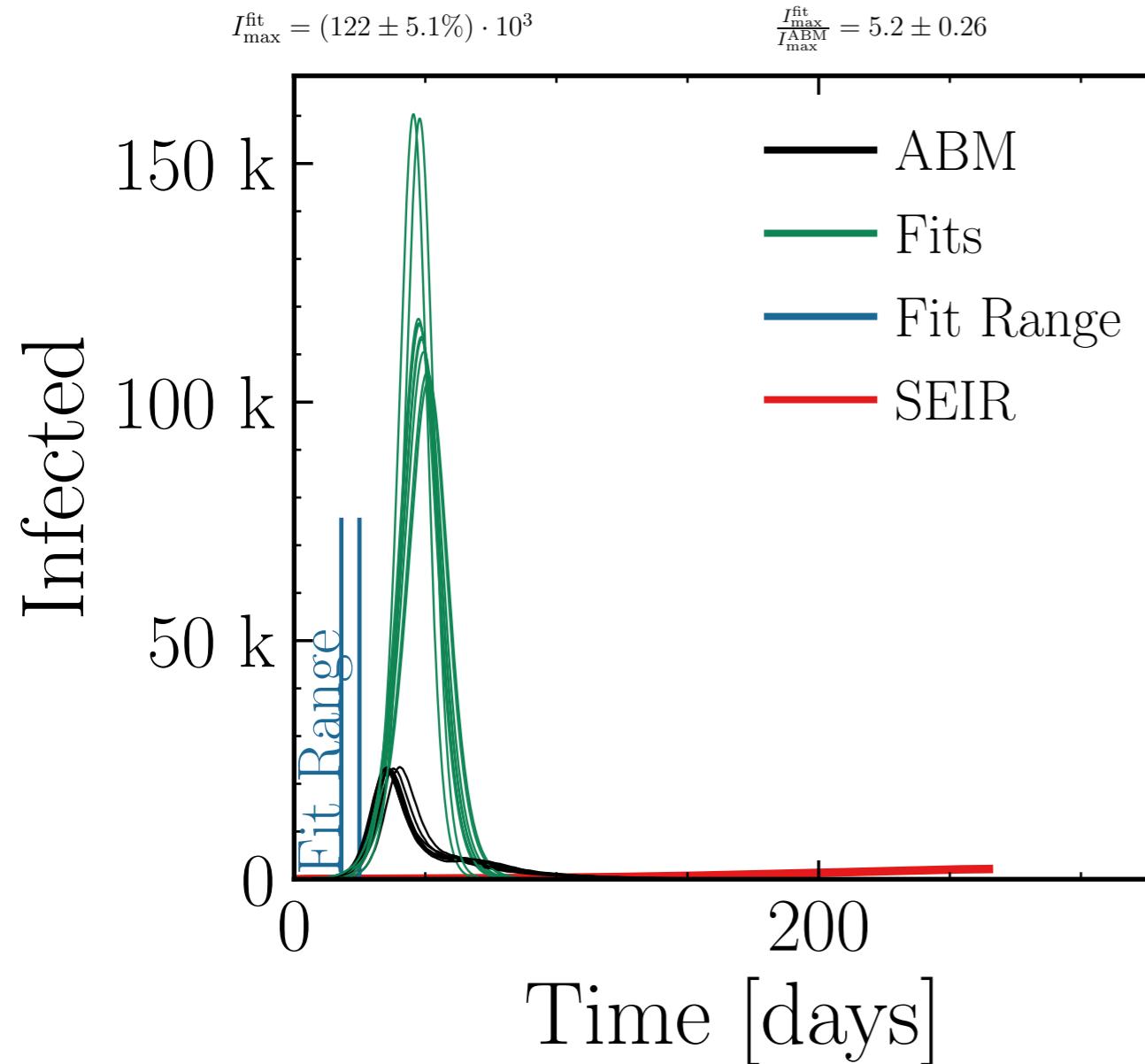
$N_{\text{tot}} = 580K$ ,  $\rho = 0.3$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 481d35b82e, #10



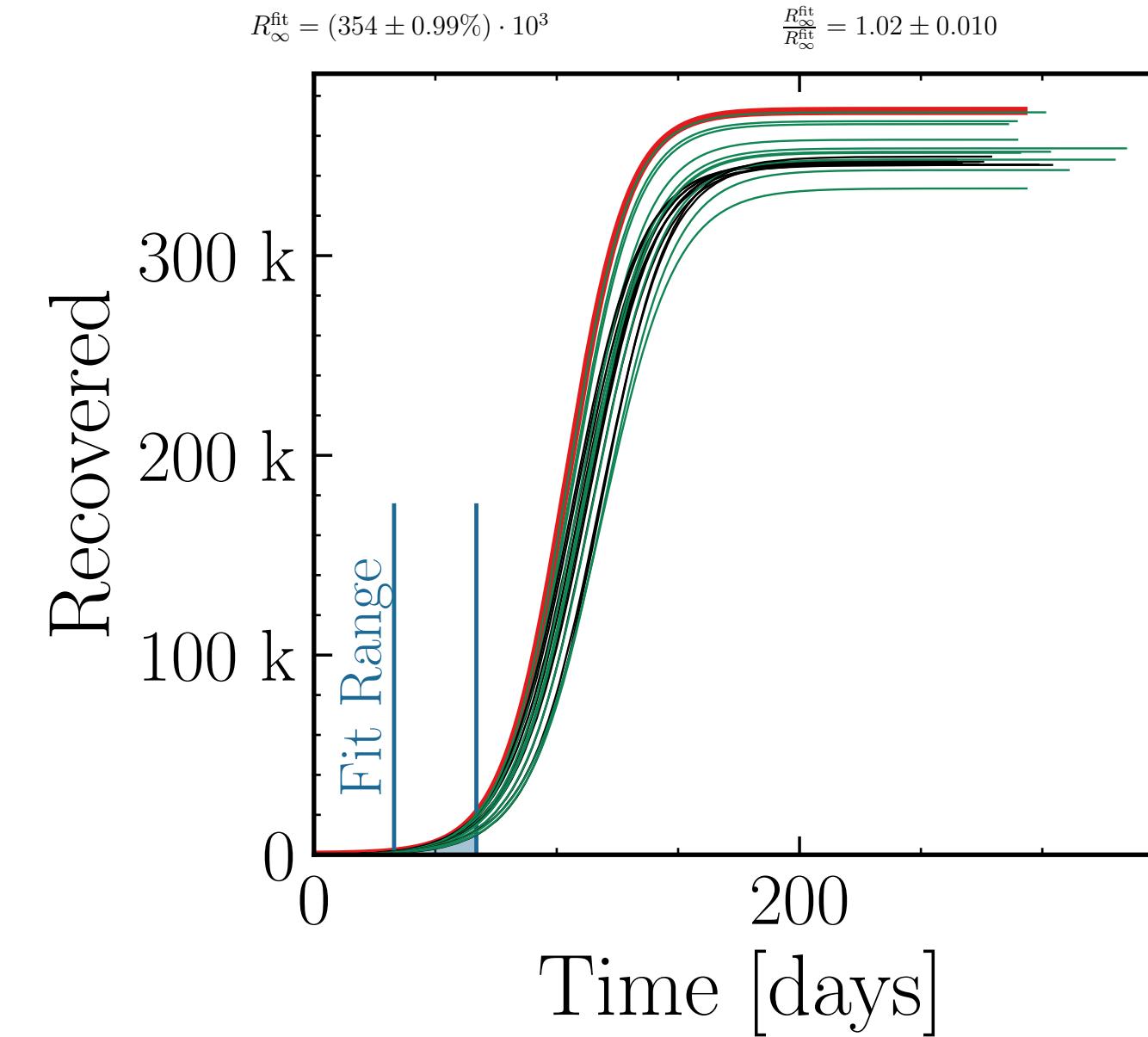
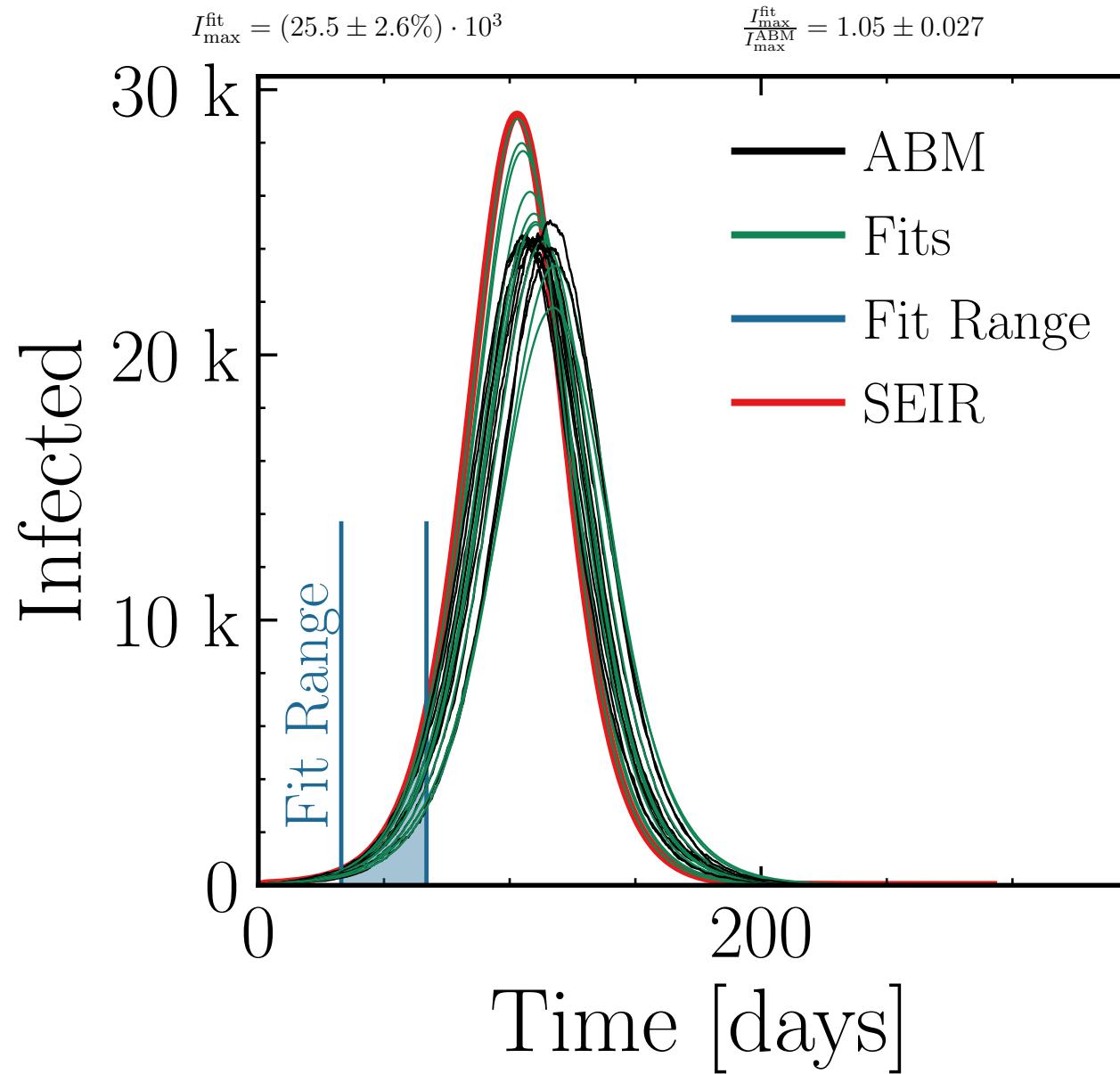
$N_{\text{tot}} = 580K$ ,  $\rho = 0.4$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 3dc6071604, #10



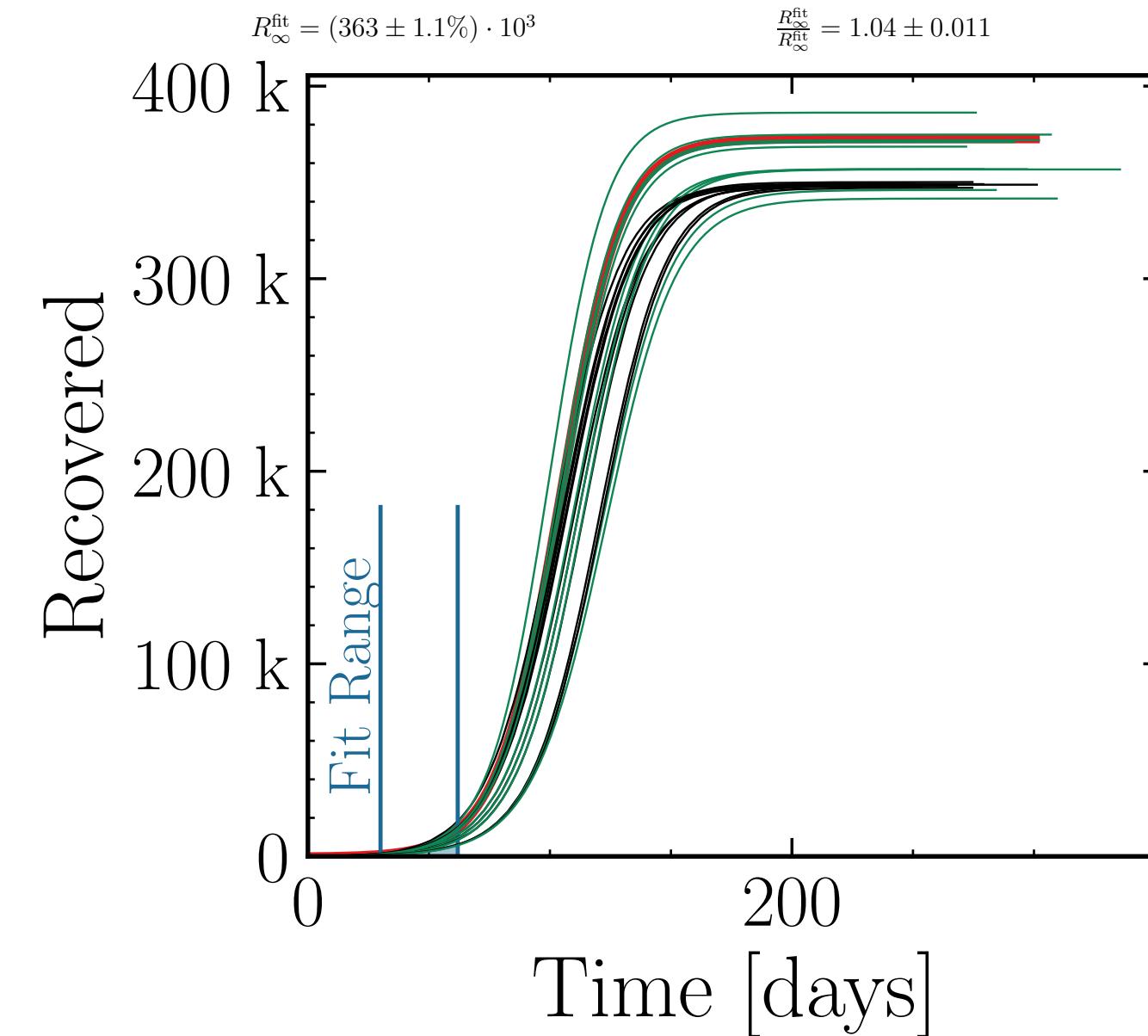
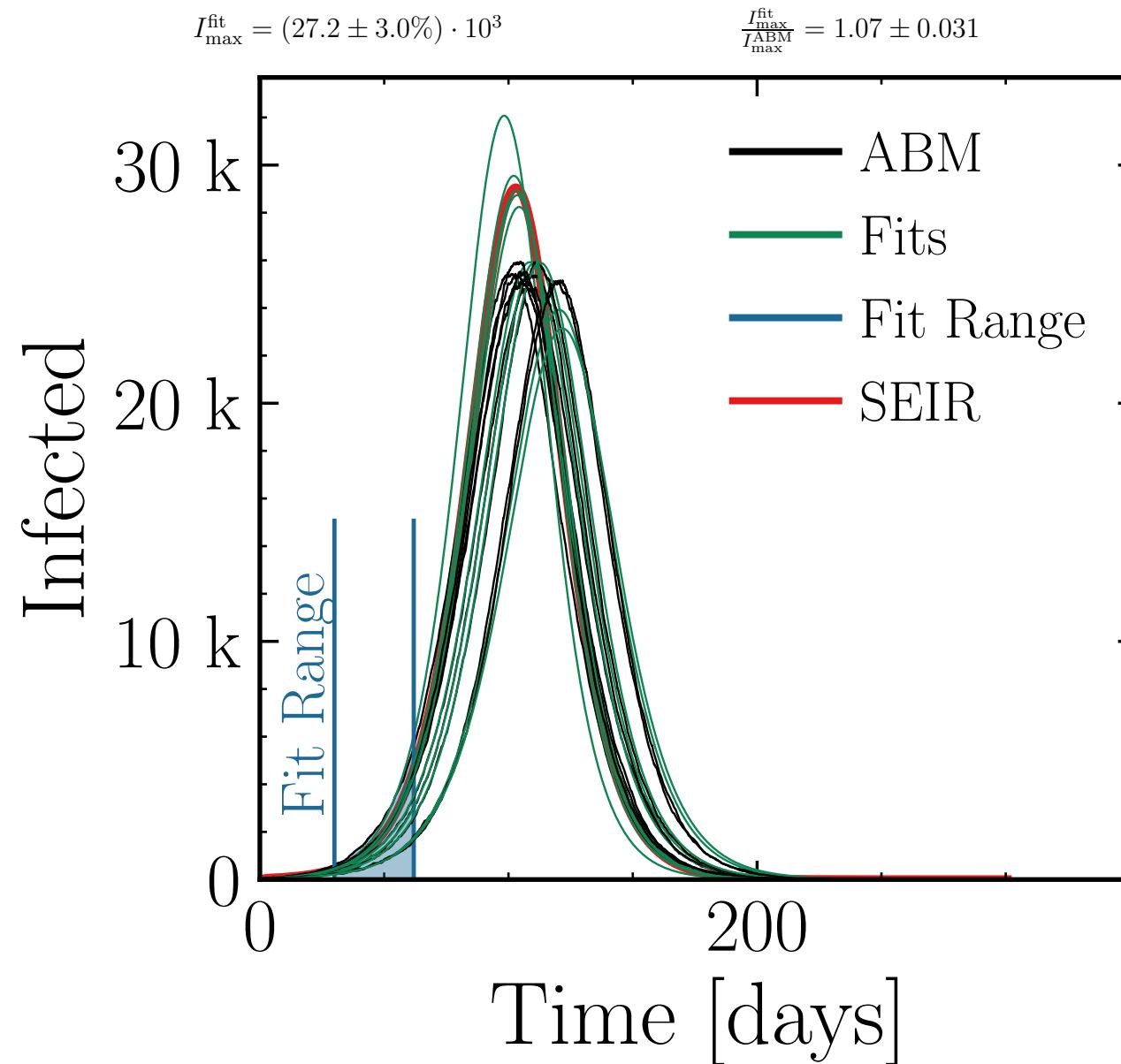
$N_{\text{tot}} = 580K$ ,  $\rho = 0.5$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.007$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 4486c33565, #10



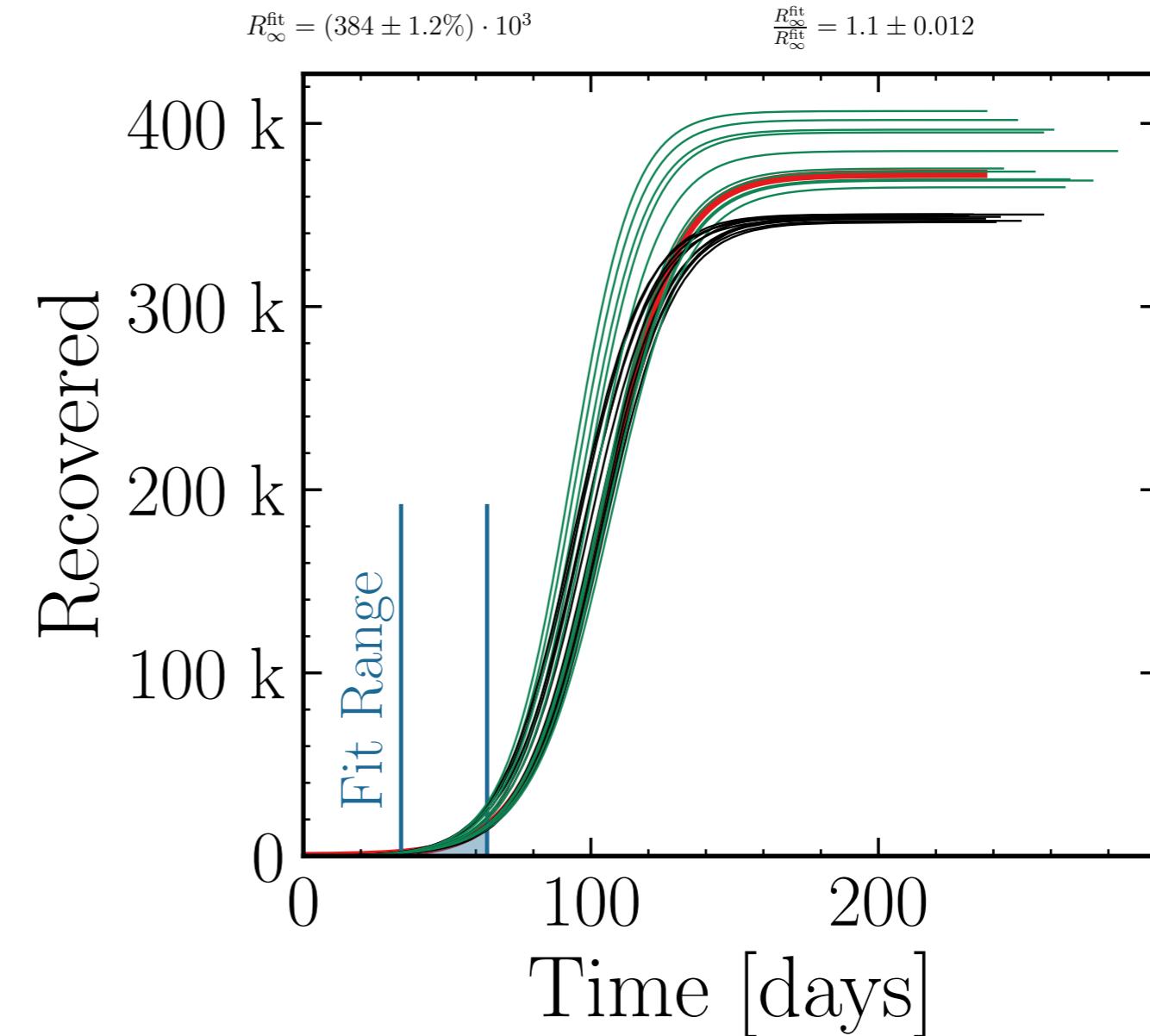
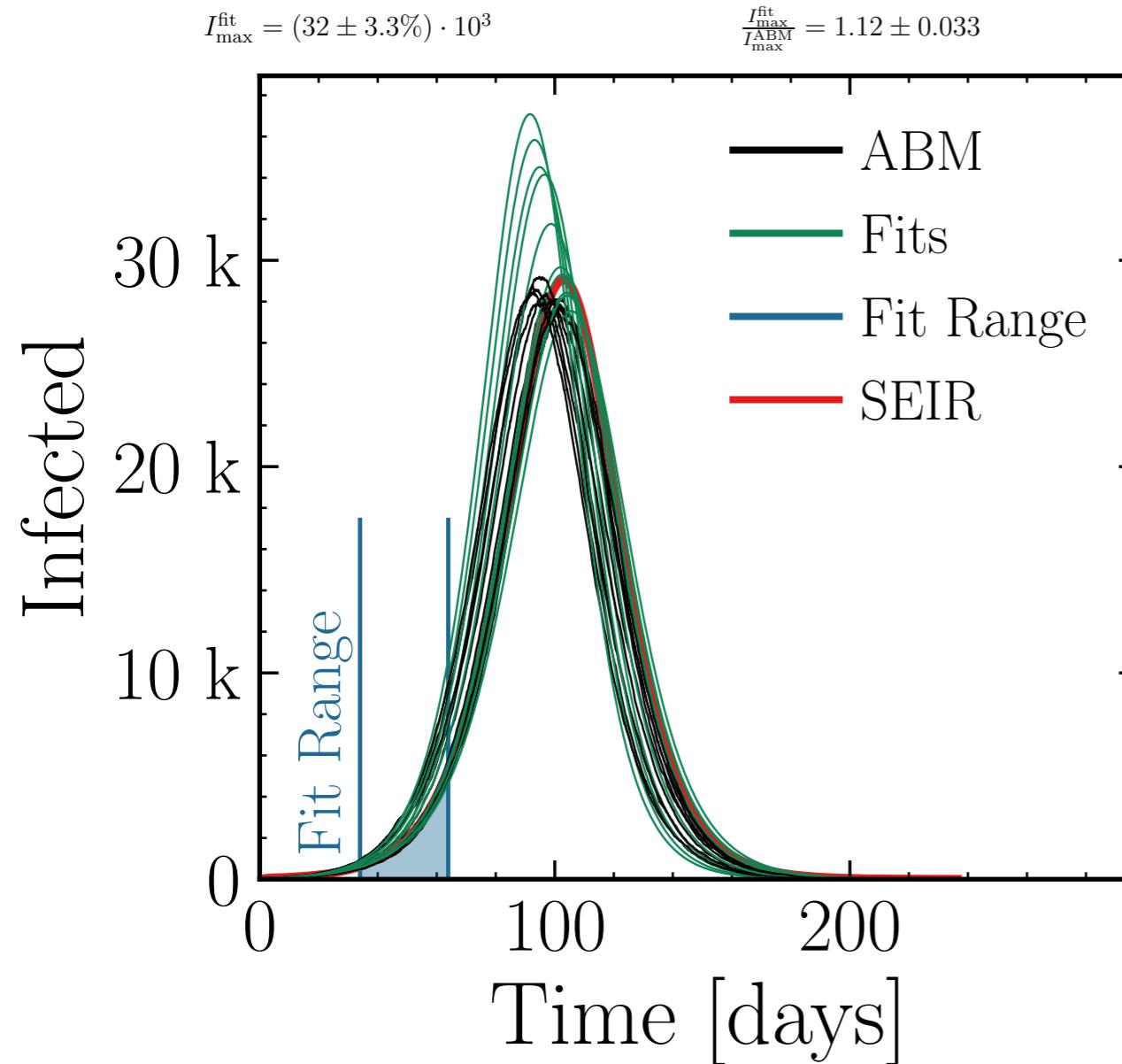
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = beebe5ea79e, #10



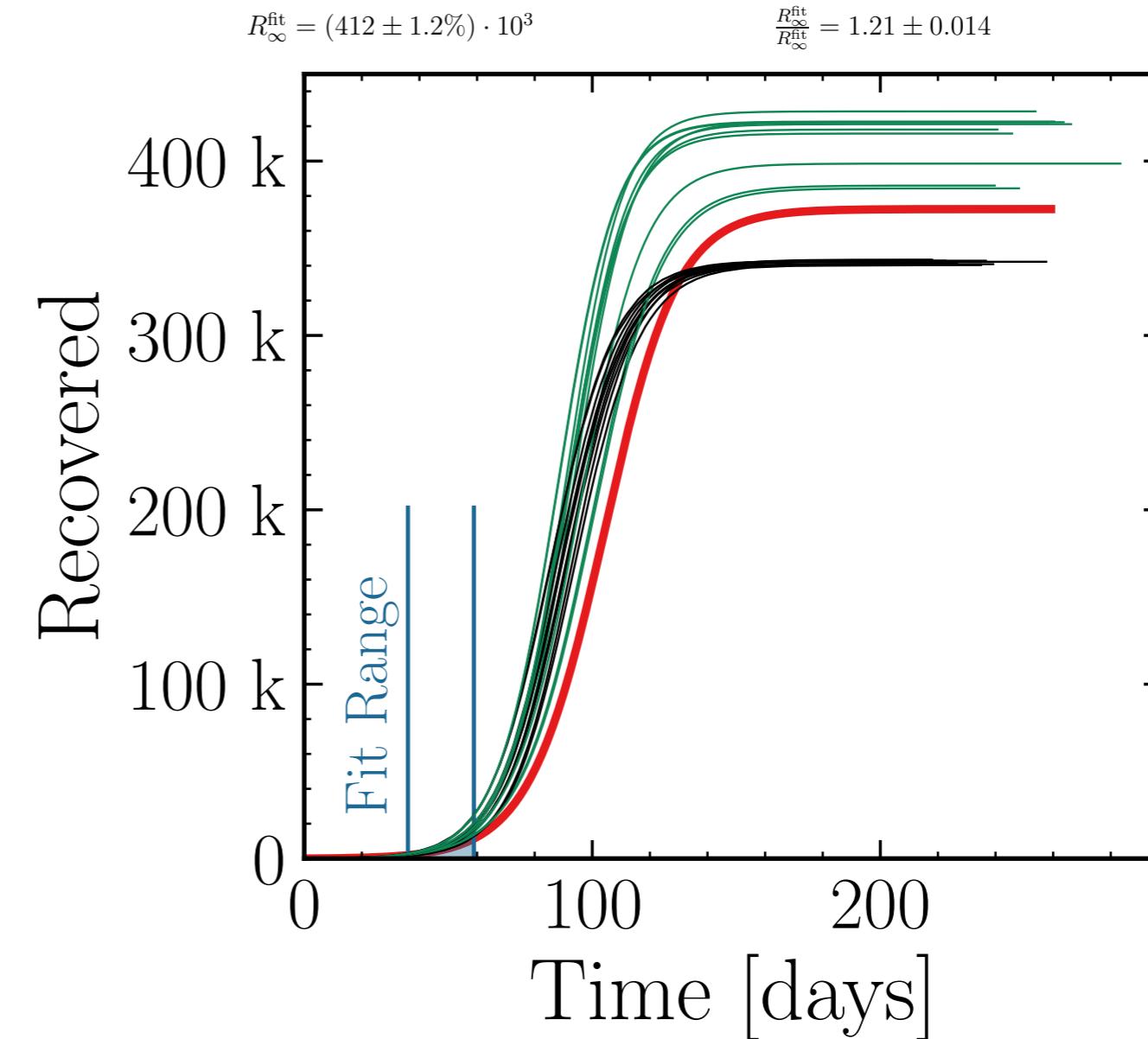
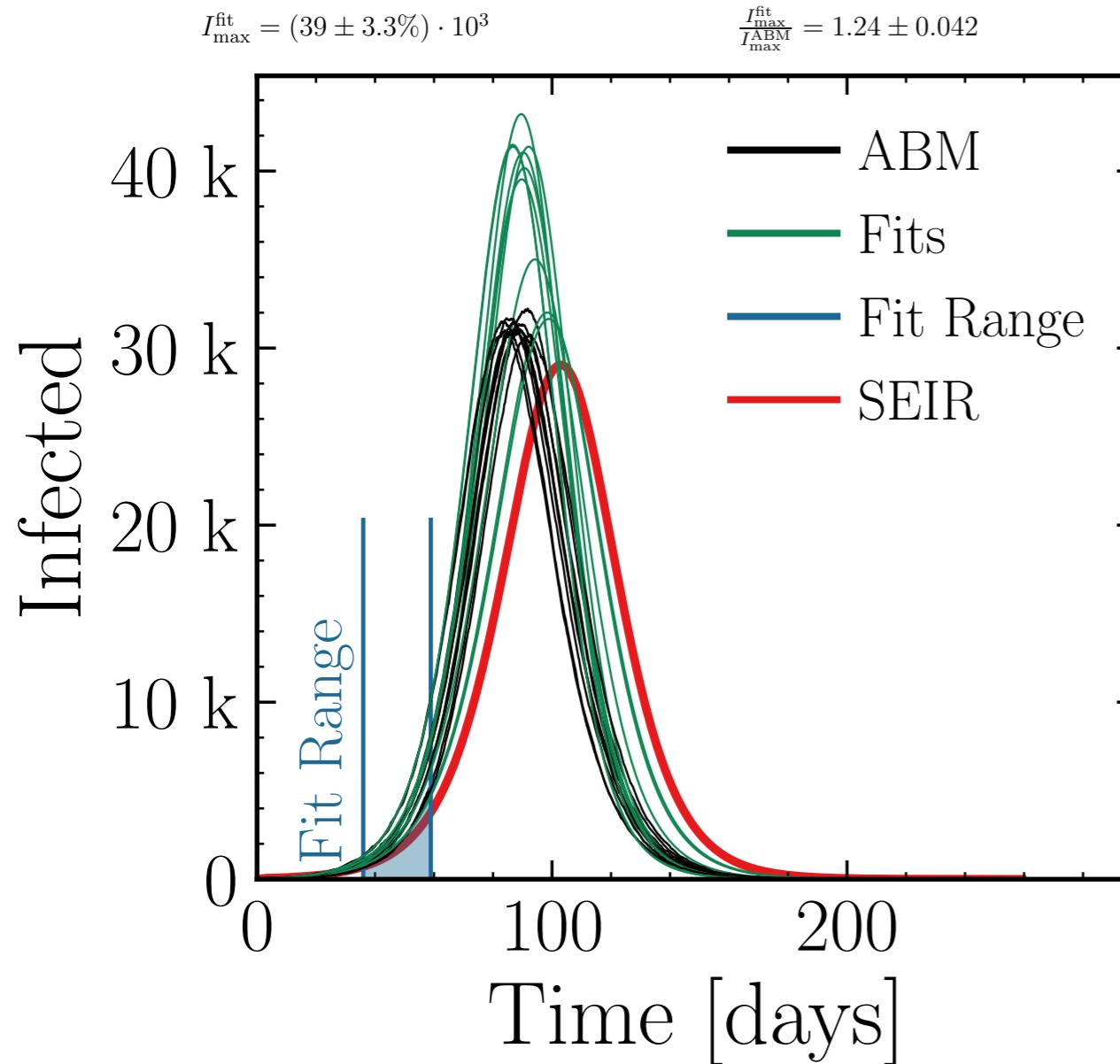
$N_{\text{tot}} = 580K$ ,  $\rho = 0.005$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 68b9e83383, #10



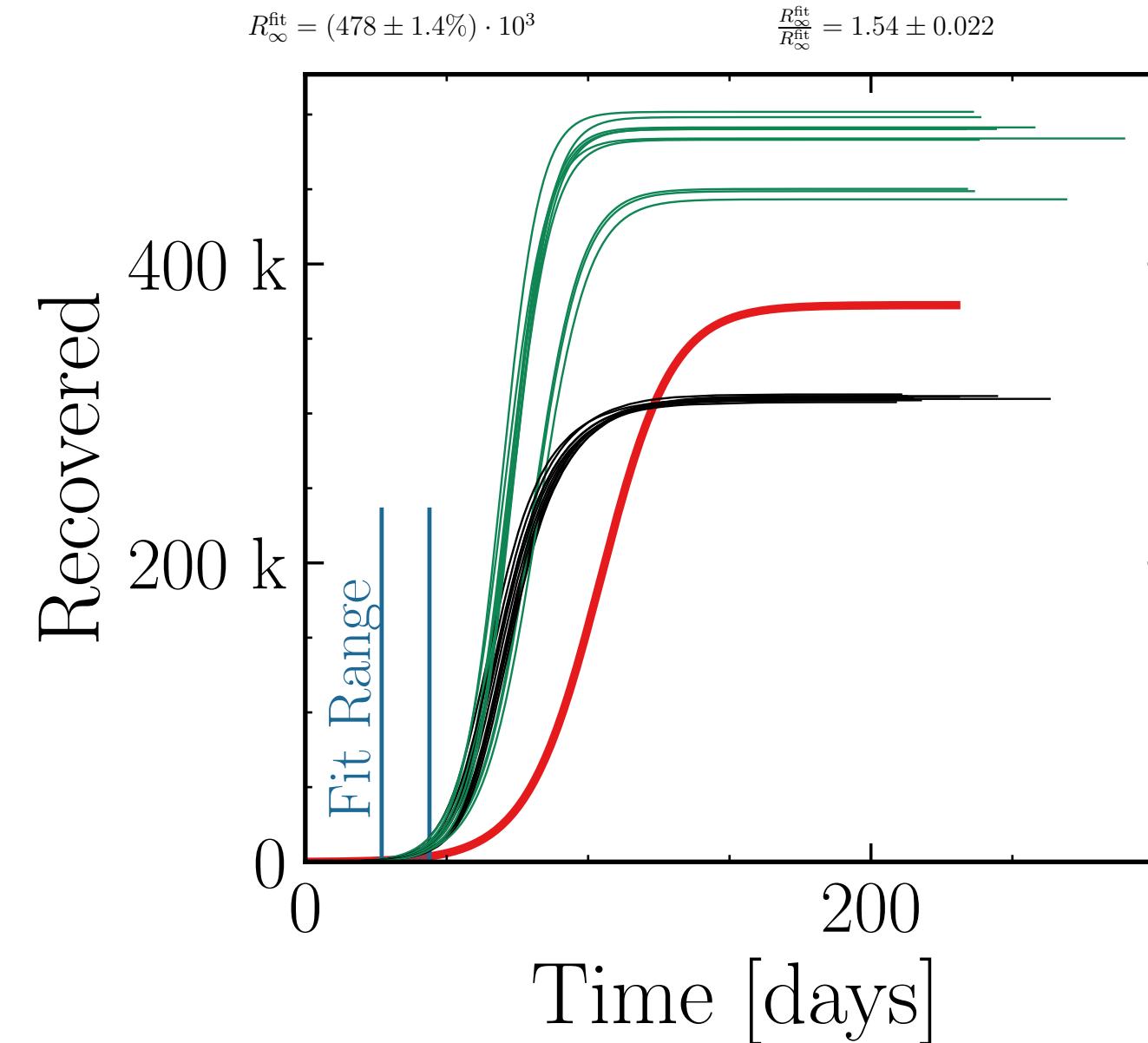
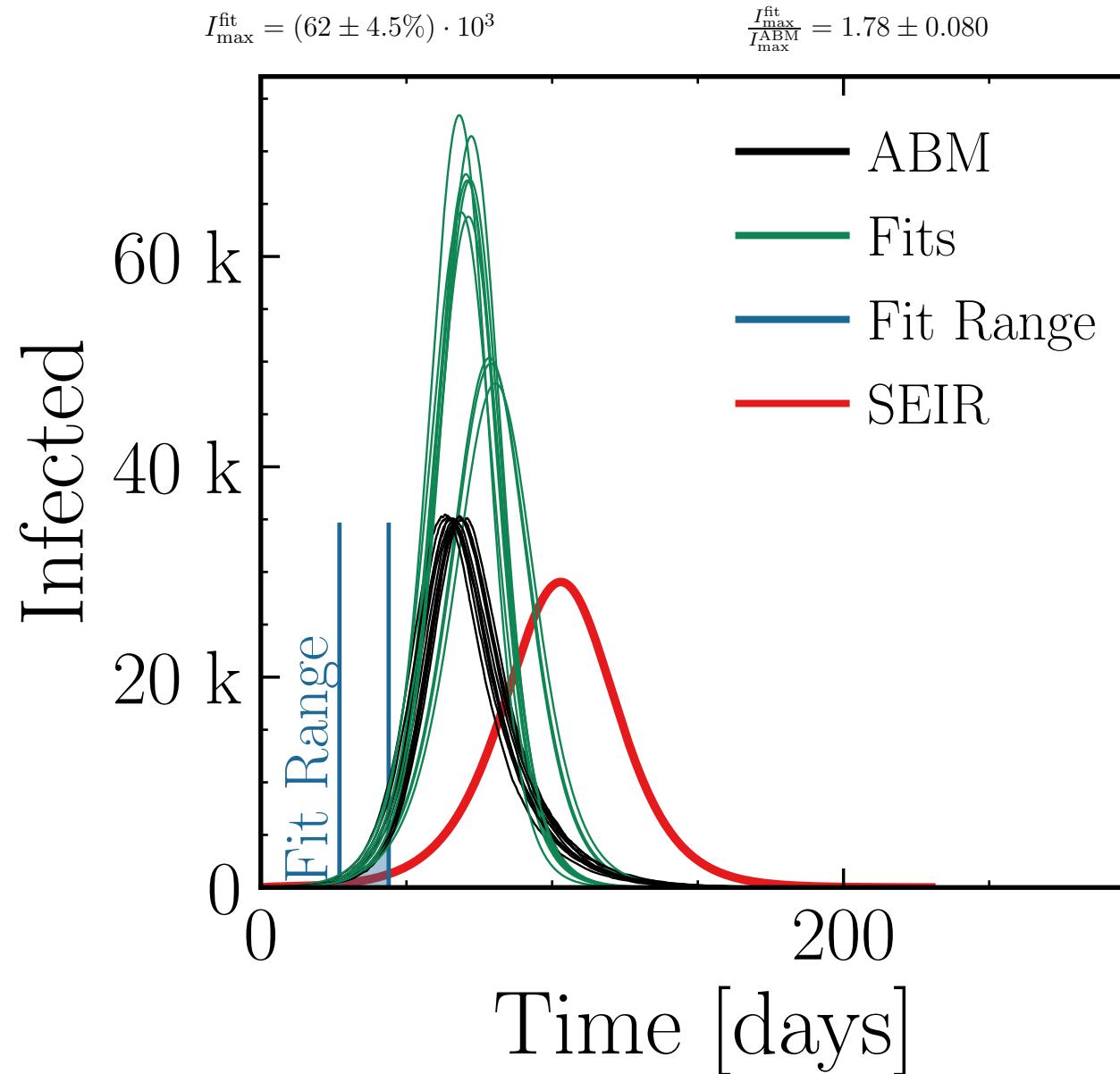
$N_{\text{tot}} = 580K$ ,  $\rho = 0.01$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{retry}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = ca68b48b91, #10



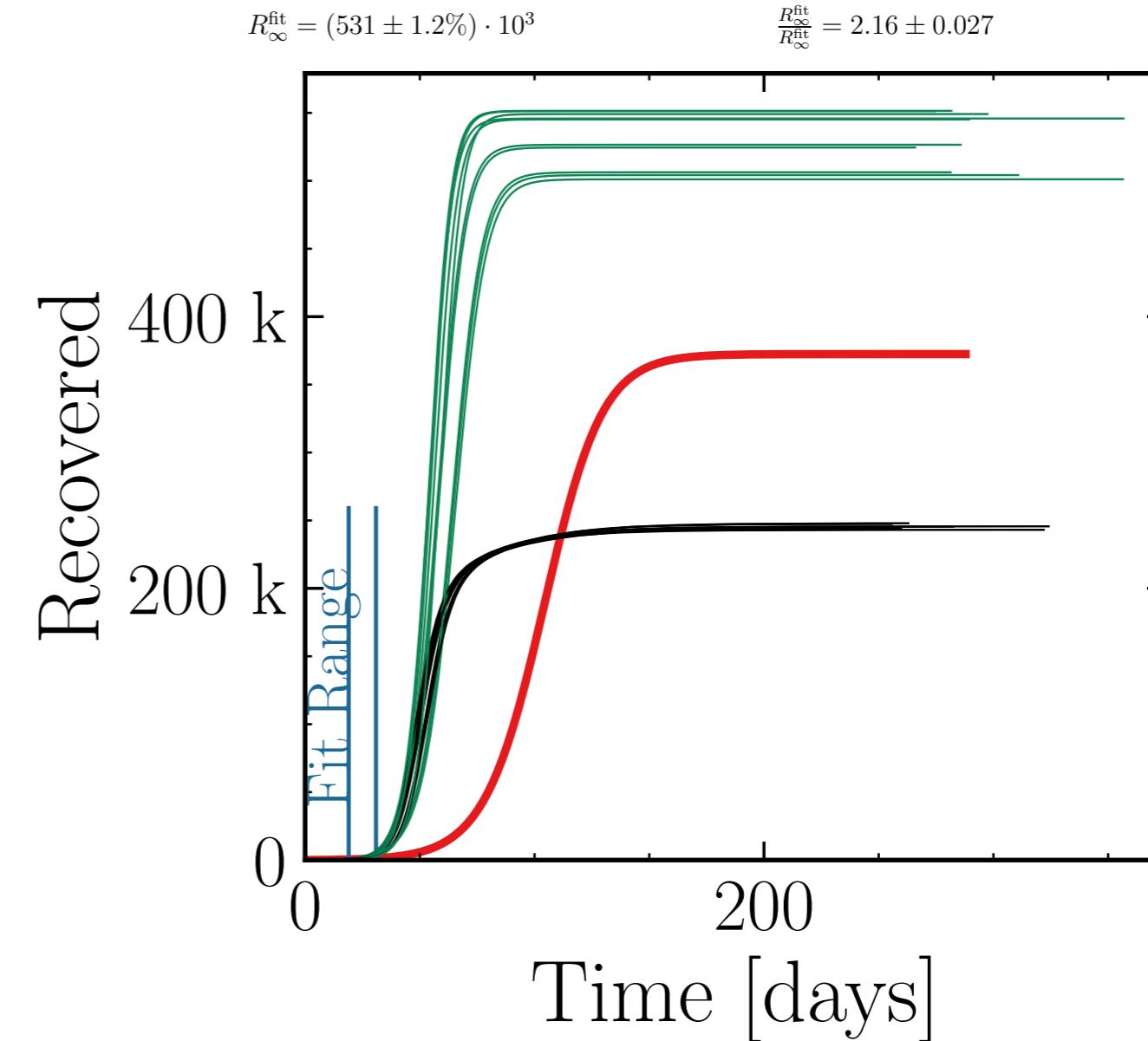
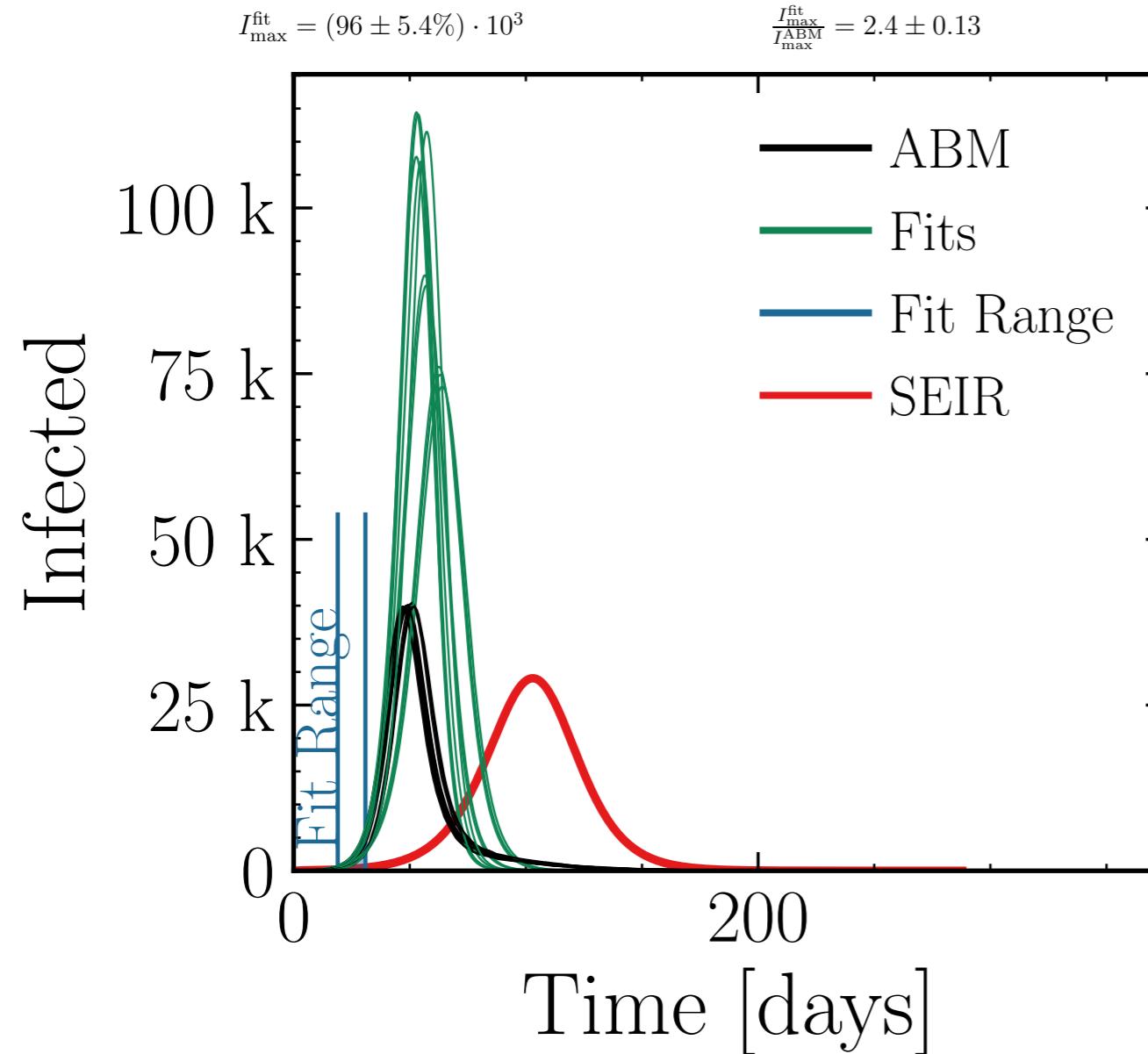
$N_{\text{tot}} = 580K$ ,  $\rho = 0.015$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 072ce00724, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.025$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c92ee4a544, #10



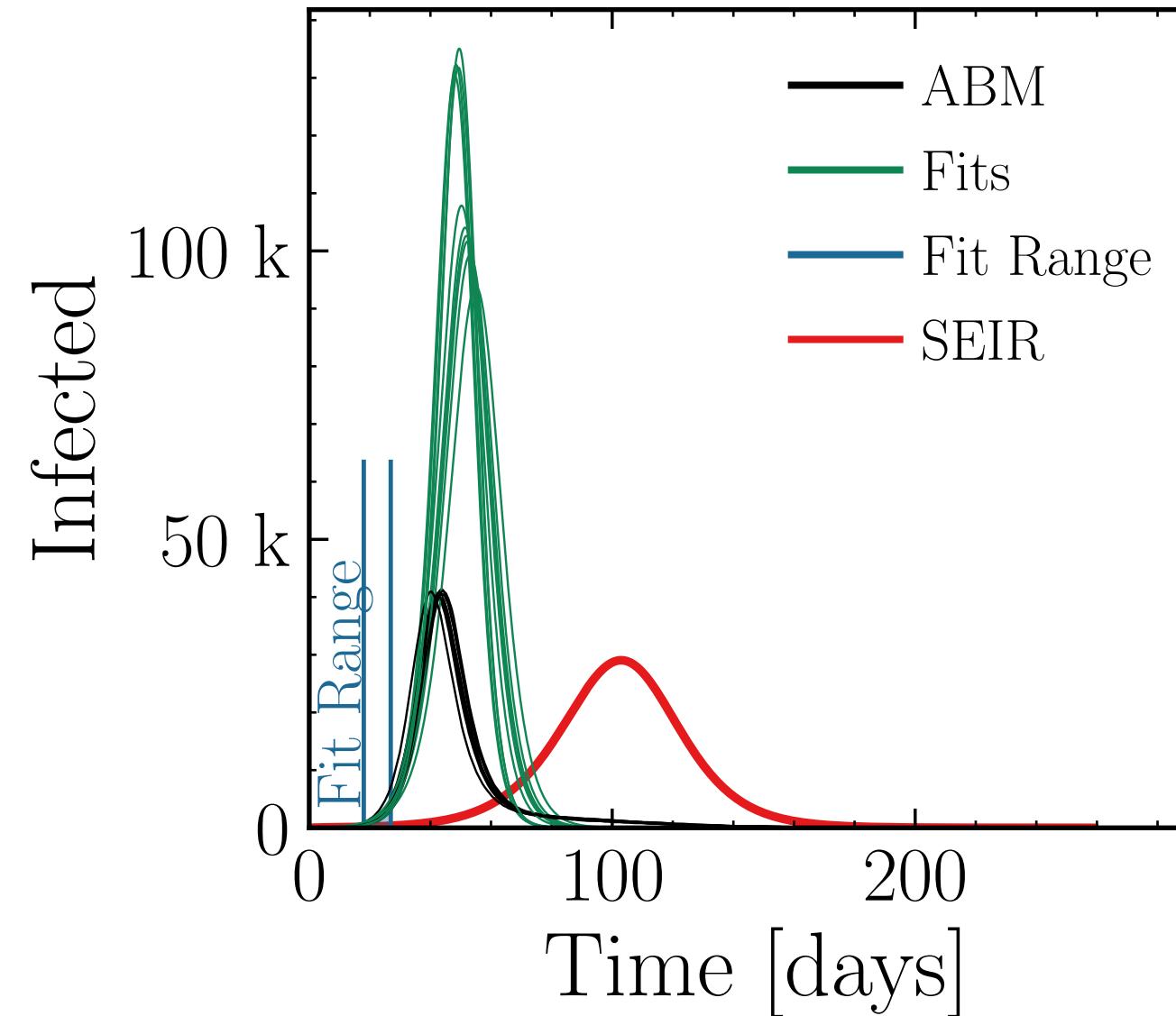
$N_{\text{tot}} = 580K$ ,  $\rho = 0.05$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 1c0d33232d, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.075$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 718bccf112, #10

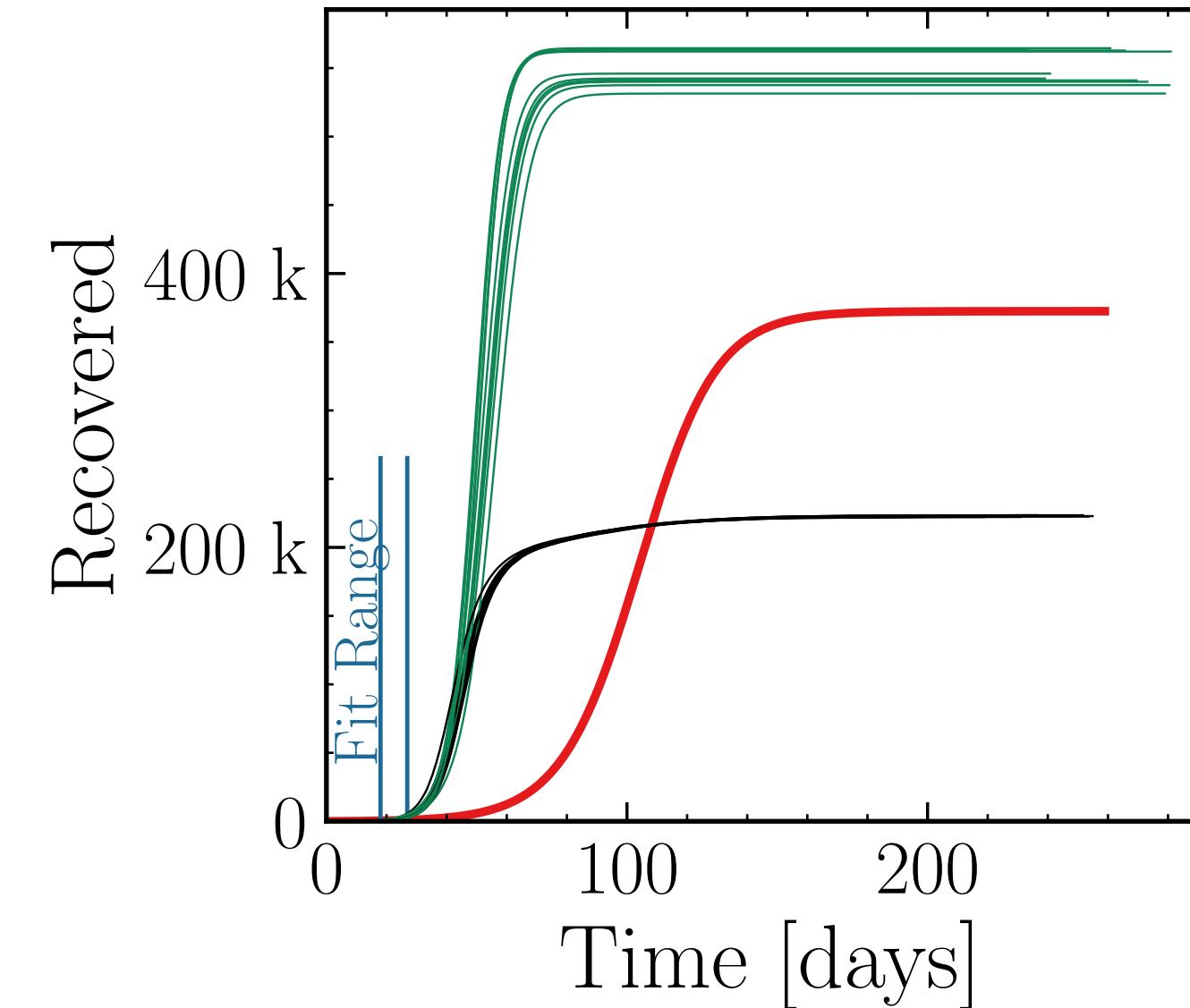
$$I_{\text{max}}^{\text{fit}} = (114 \pm 4.3\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 2.8 \pm 0.12$$



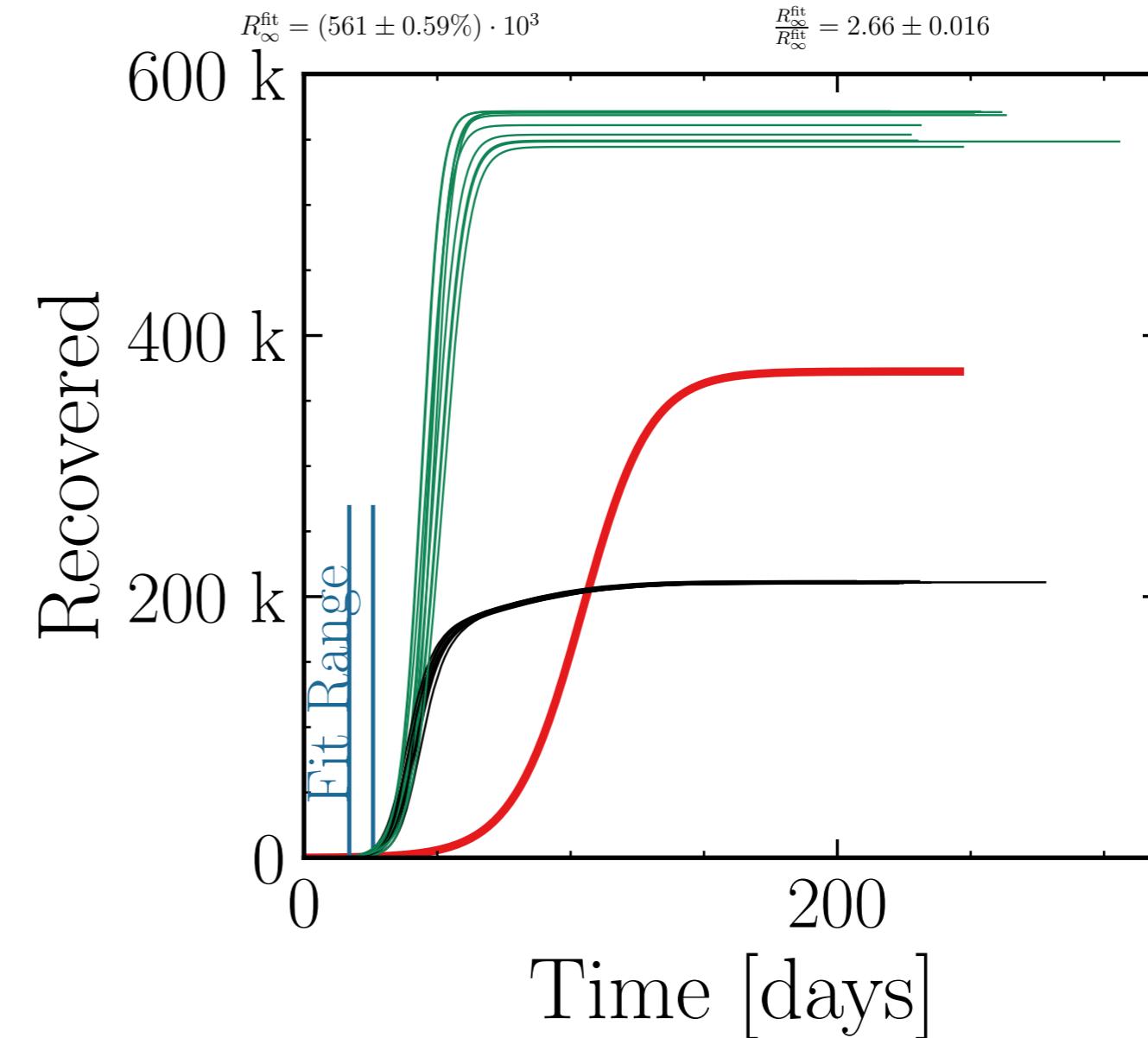
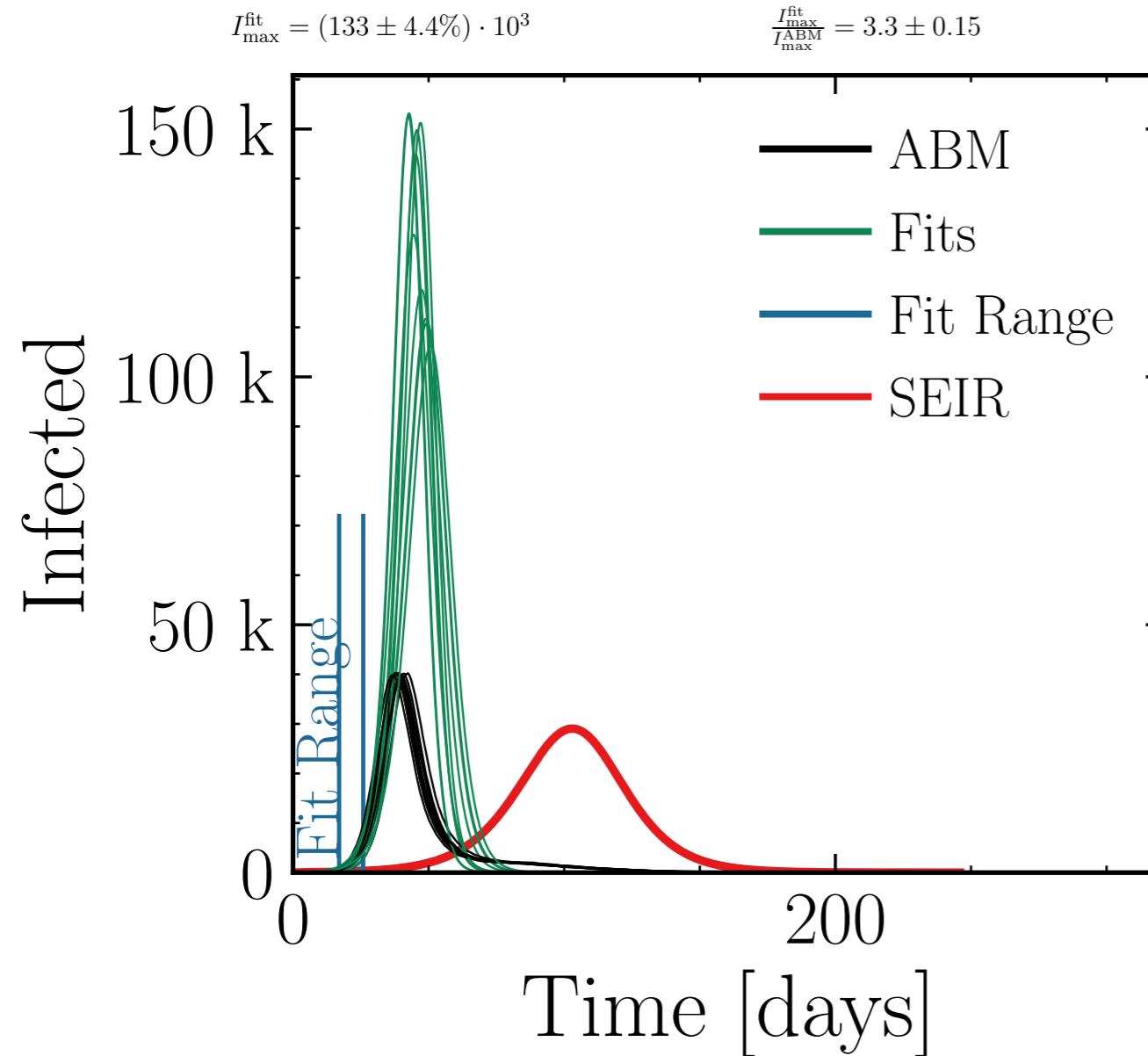
$$R_{\infty}^{\text{fit}} = (549 \pm 0.69\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 2.47 \pm 0.017$$

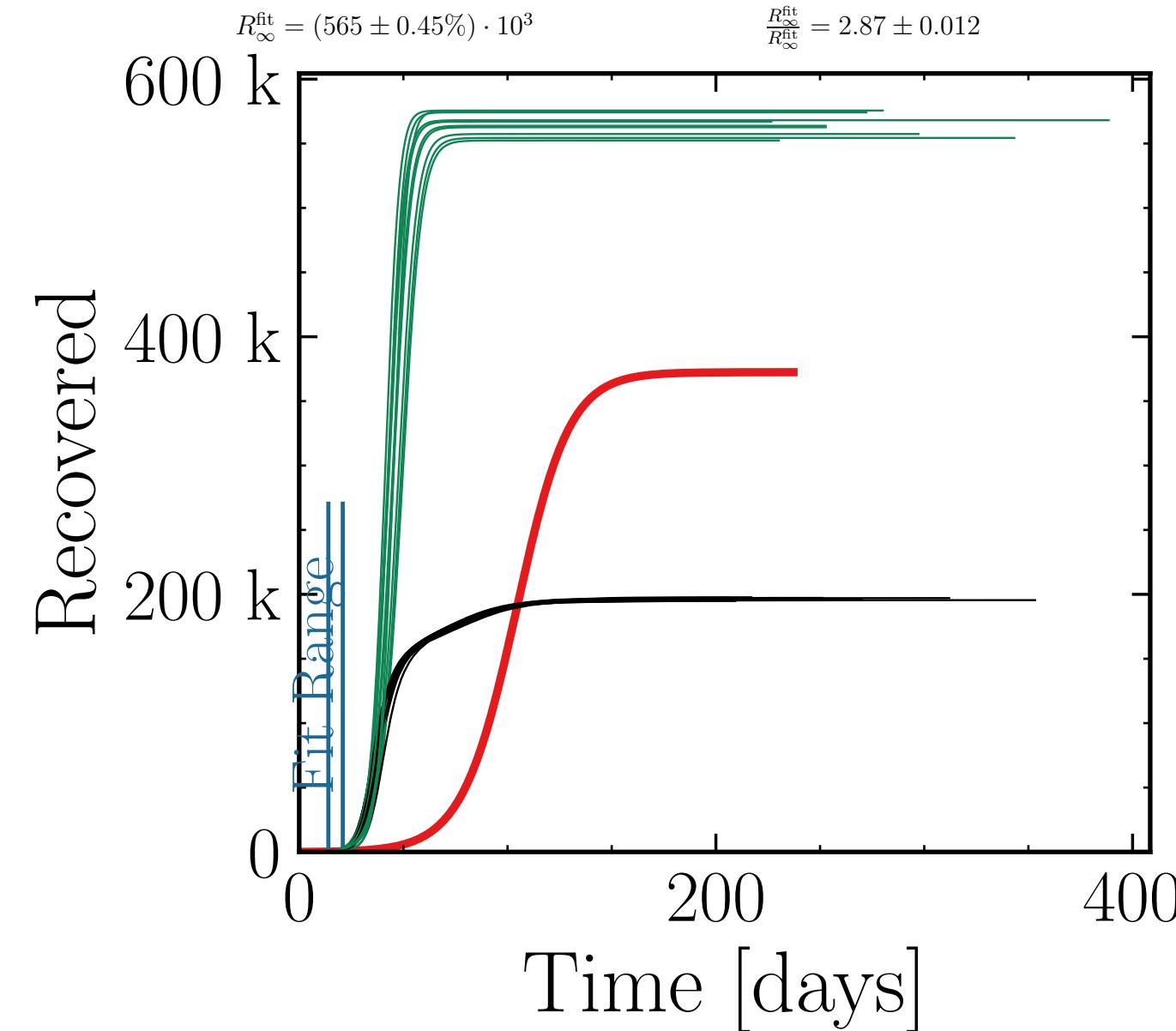
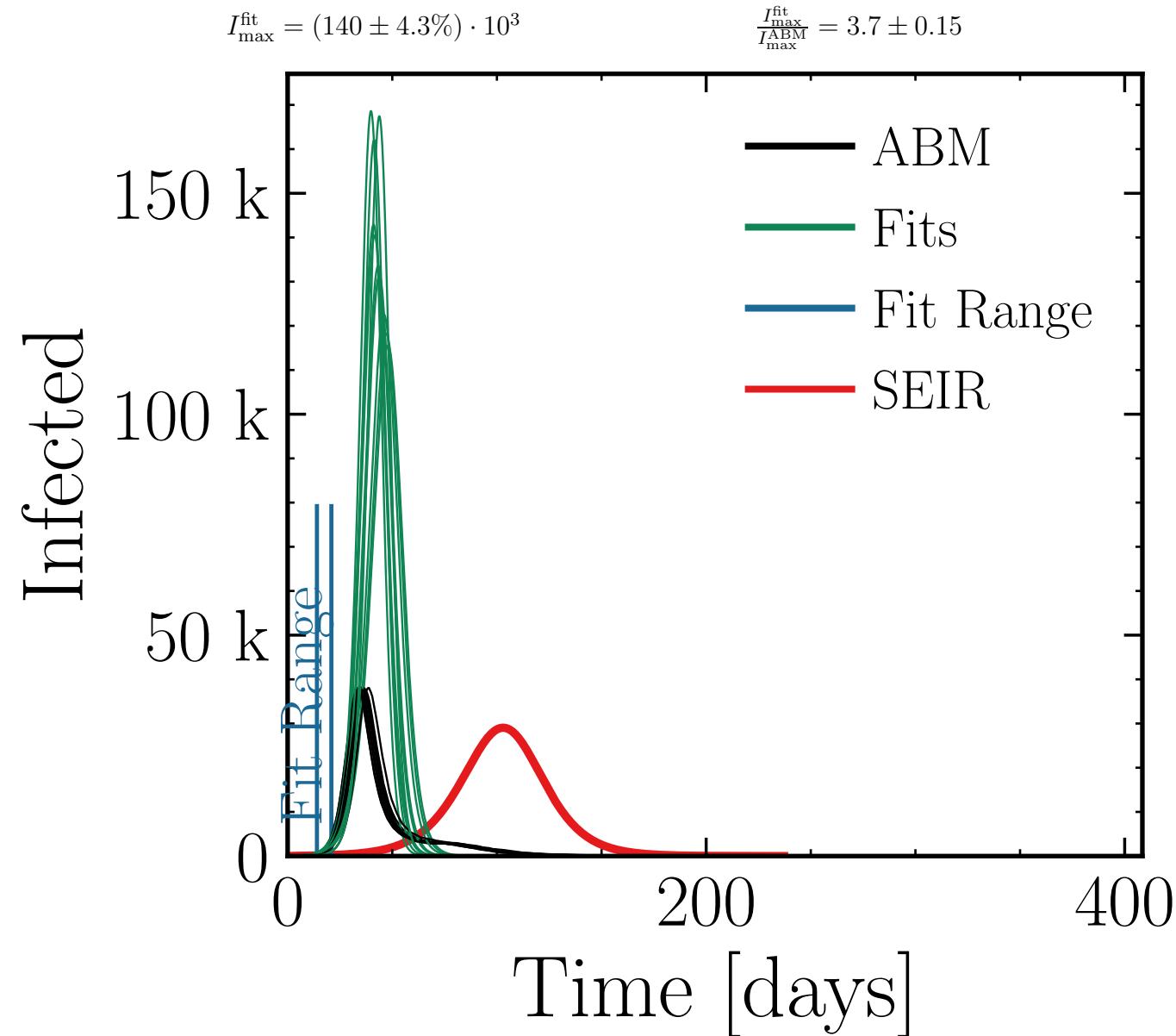


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

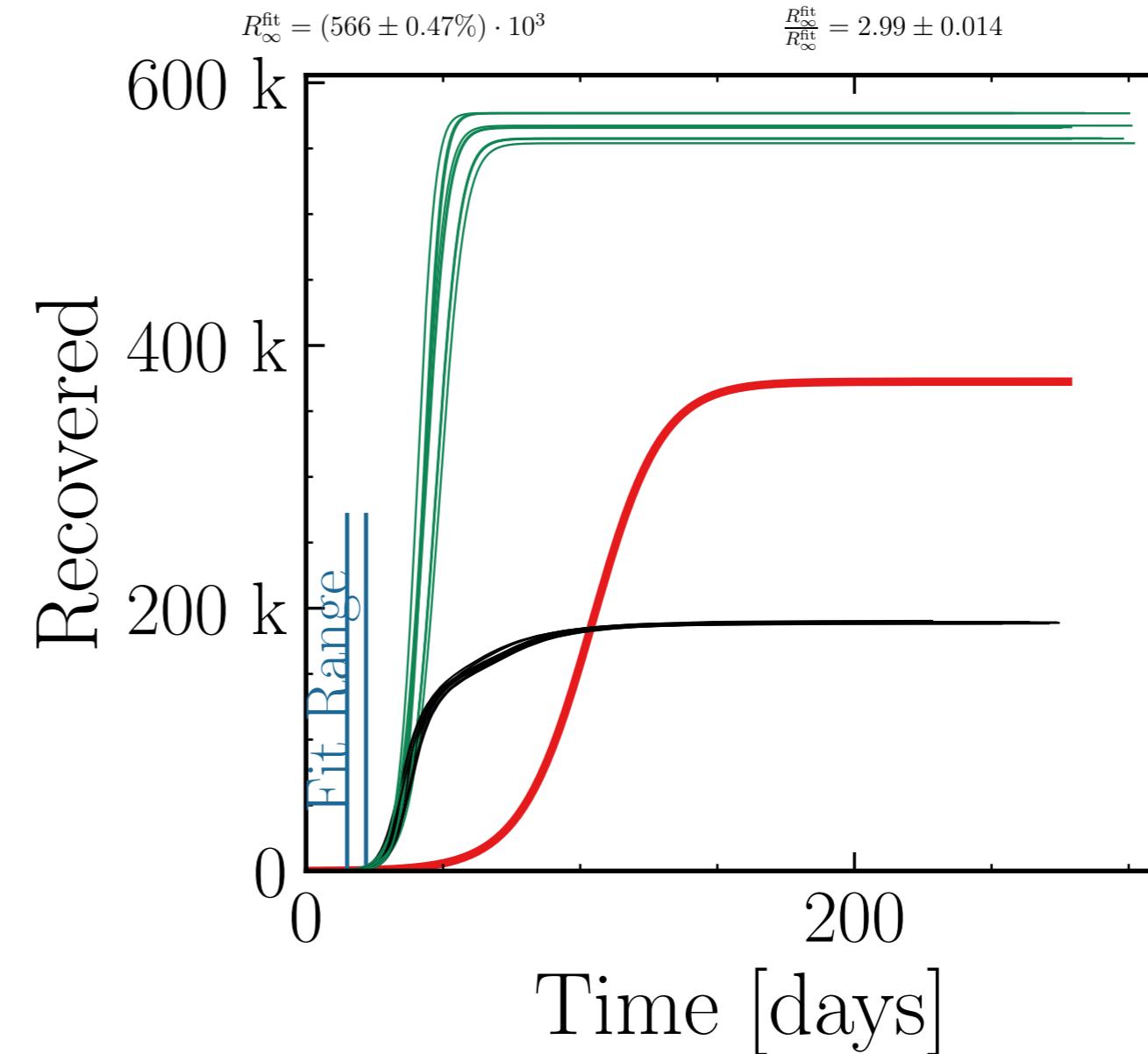
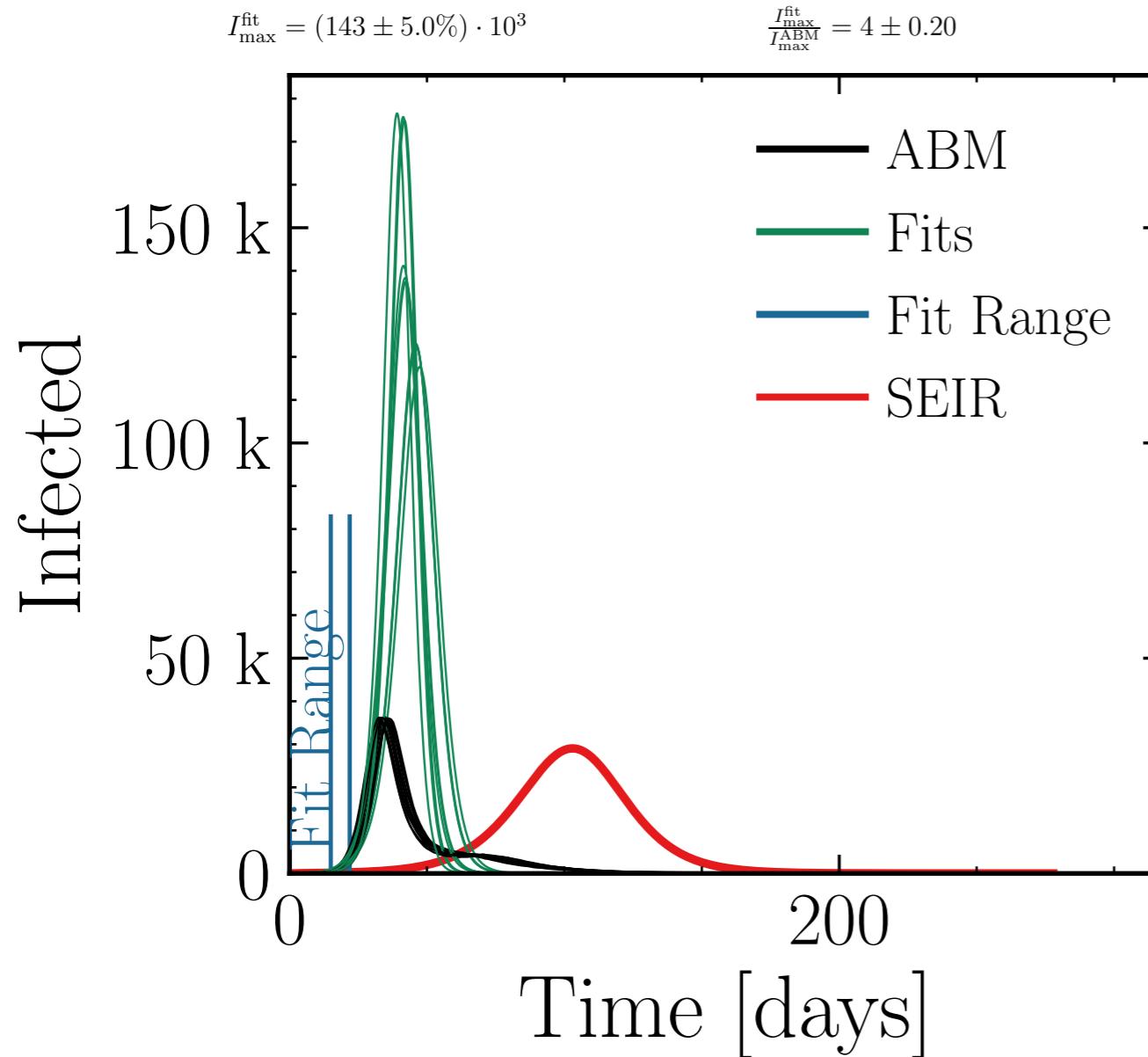
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 2505c087cf, #10



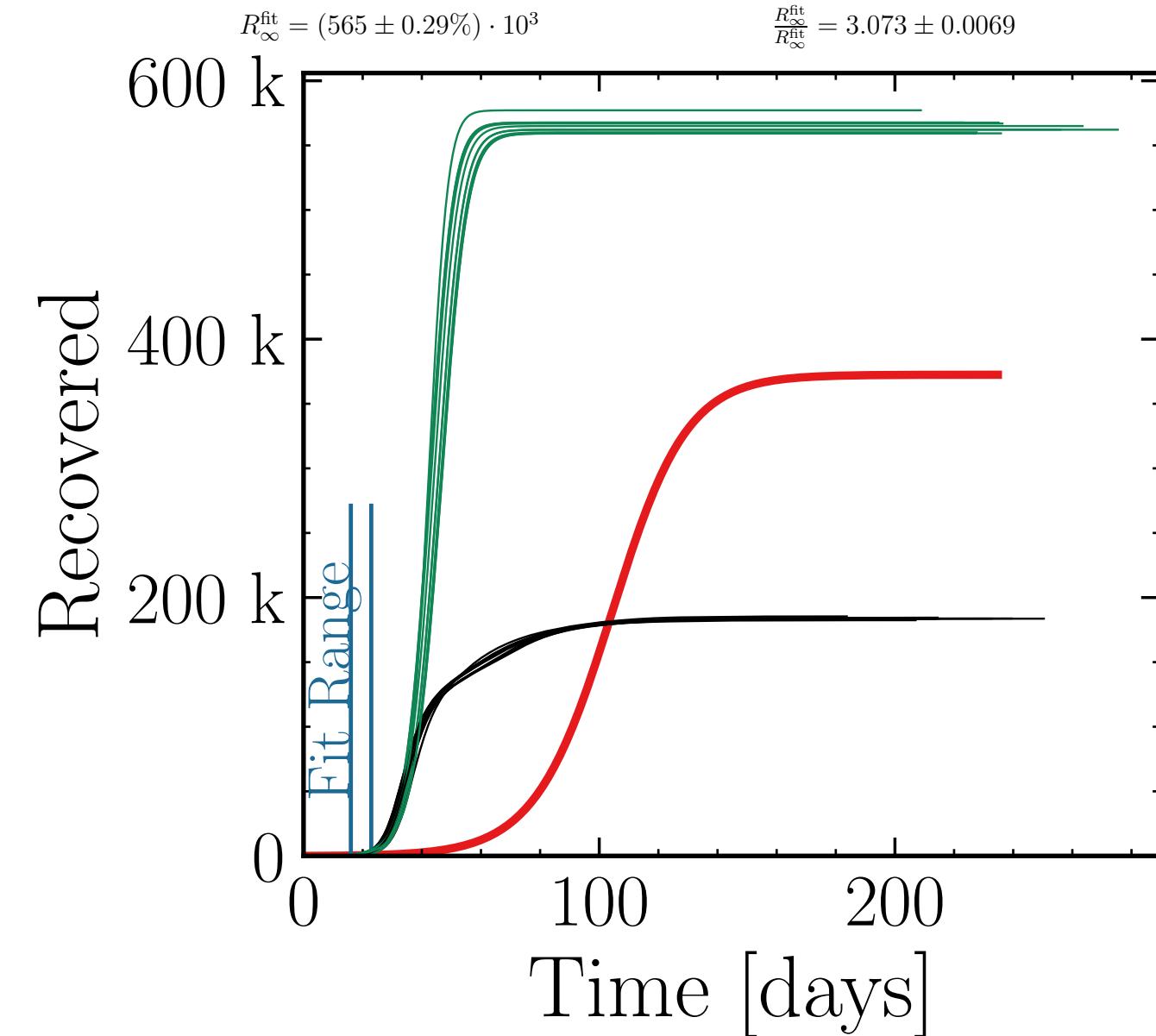
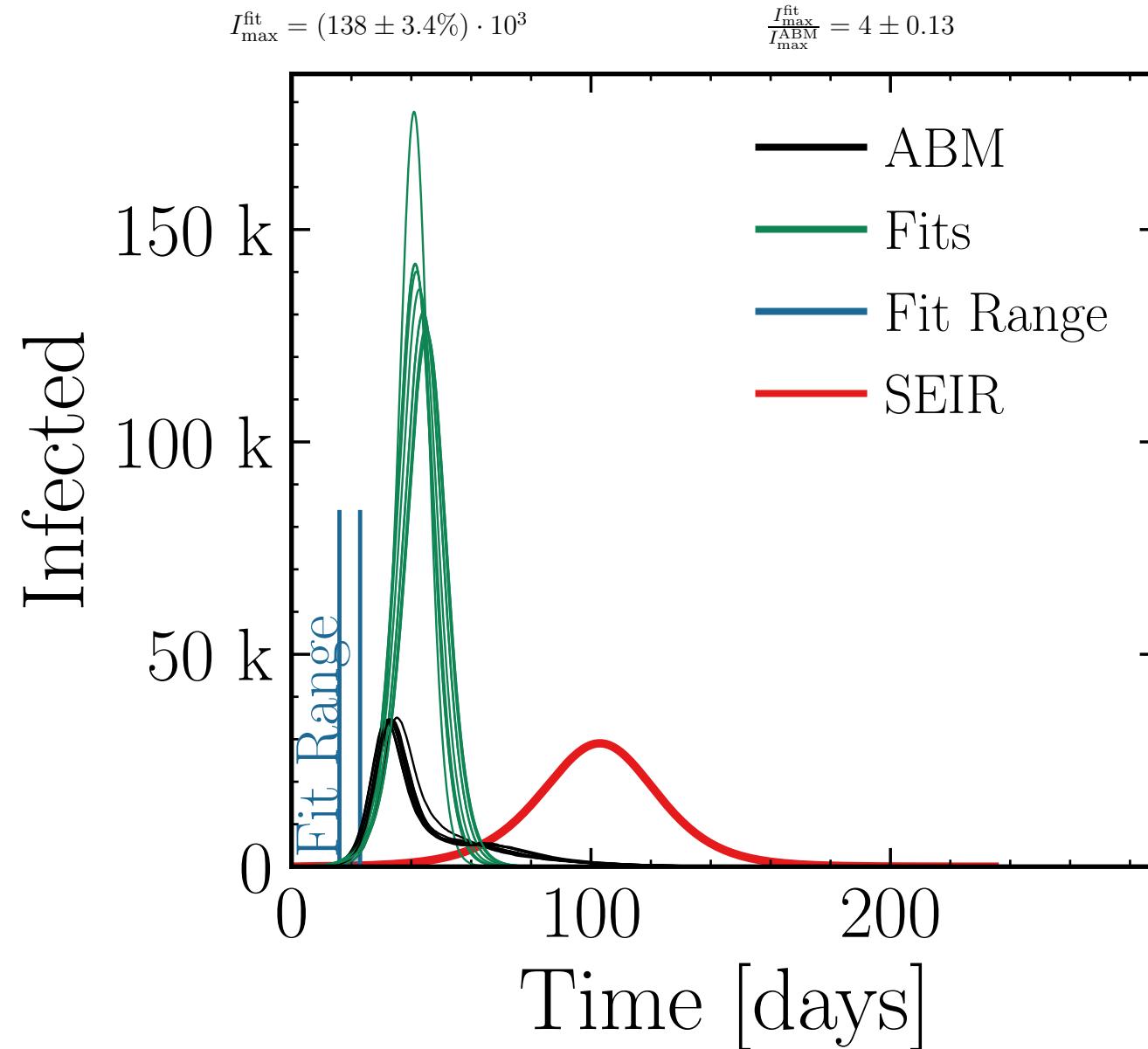
$N_{\text{tot}} = 580K$ ,  $\rho = 0.15$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6528df95e8, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.2$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 87f7d51993, #10

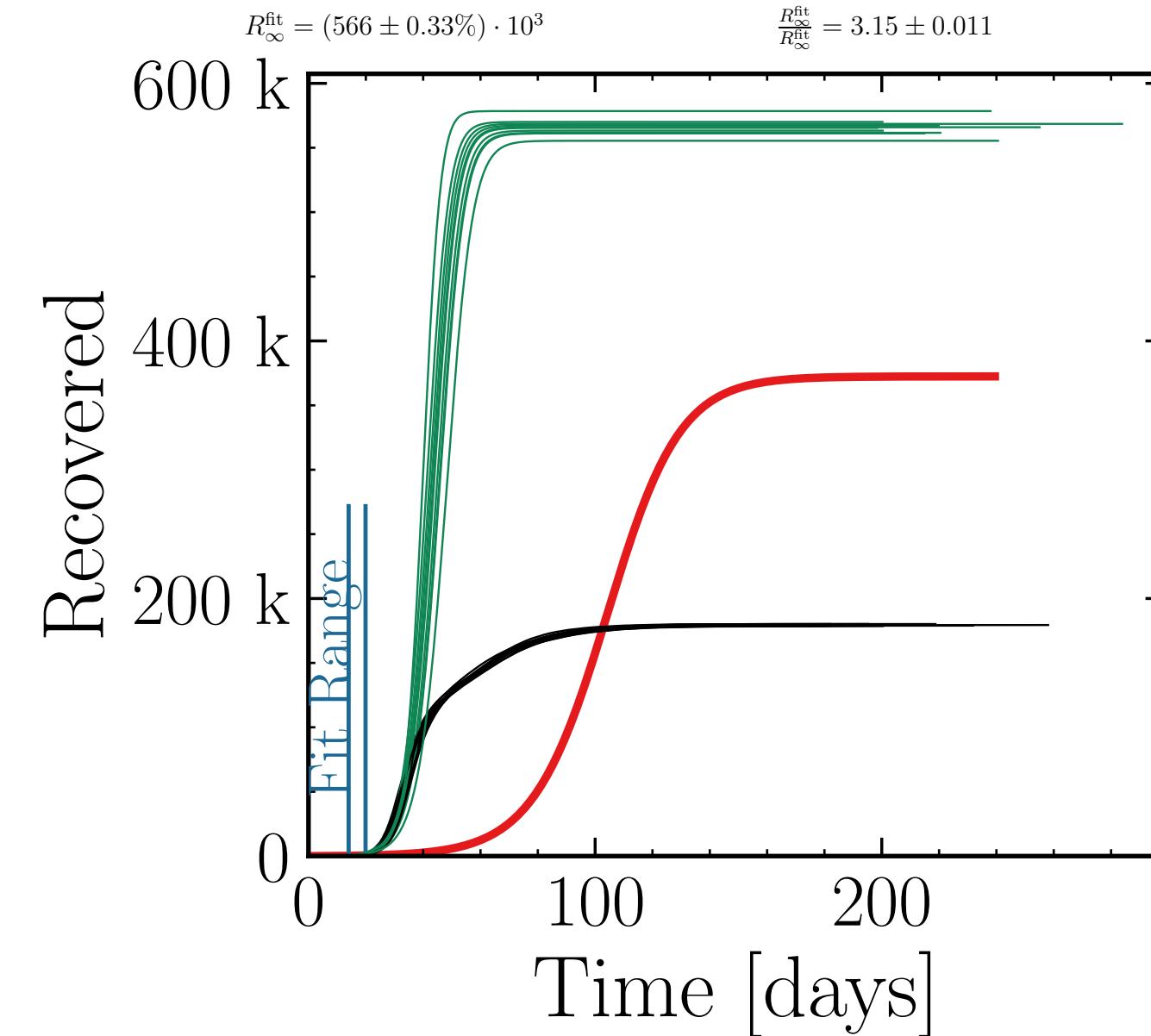
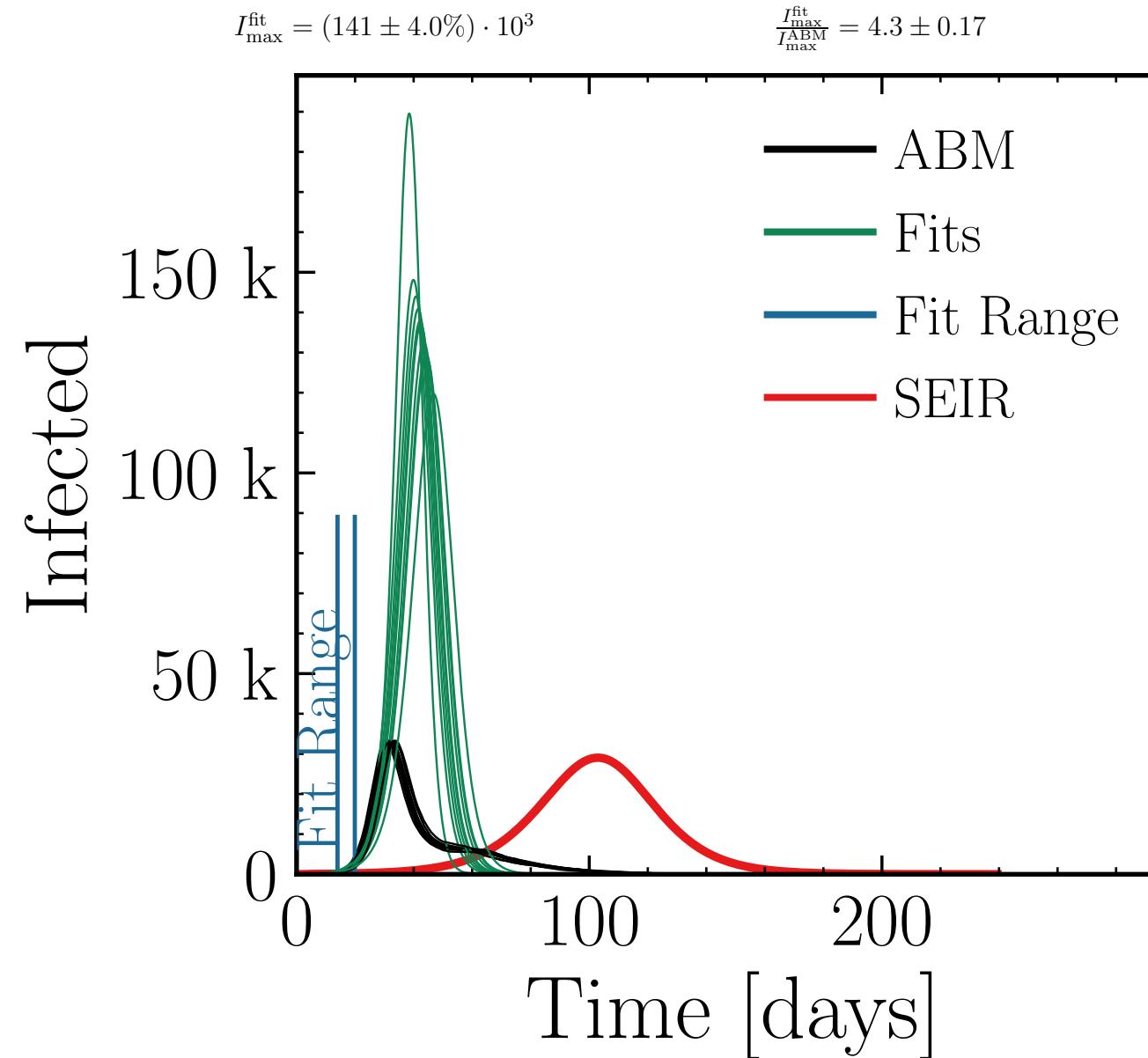


$N_{\text{tot}} = 580K$ ,  $\rho = 0.25$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = bb25527e58, #10

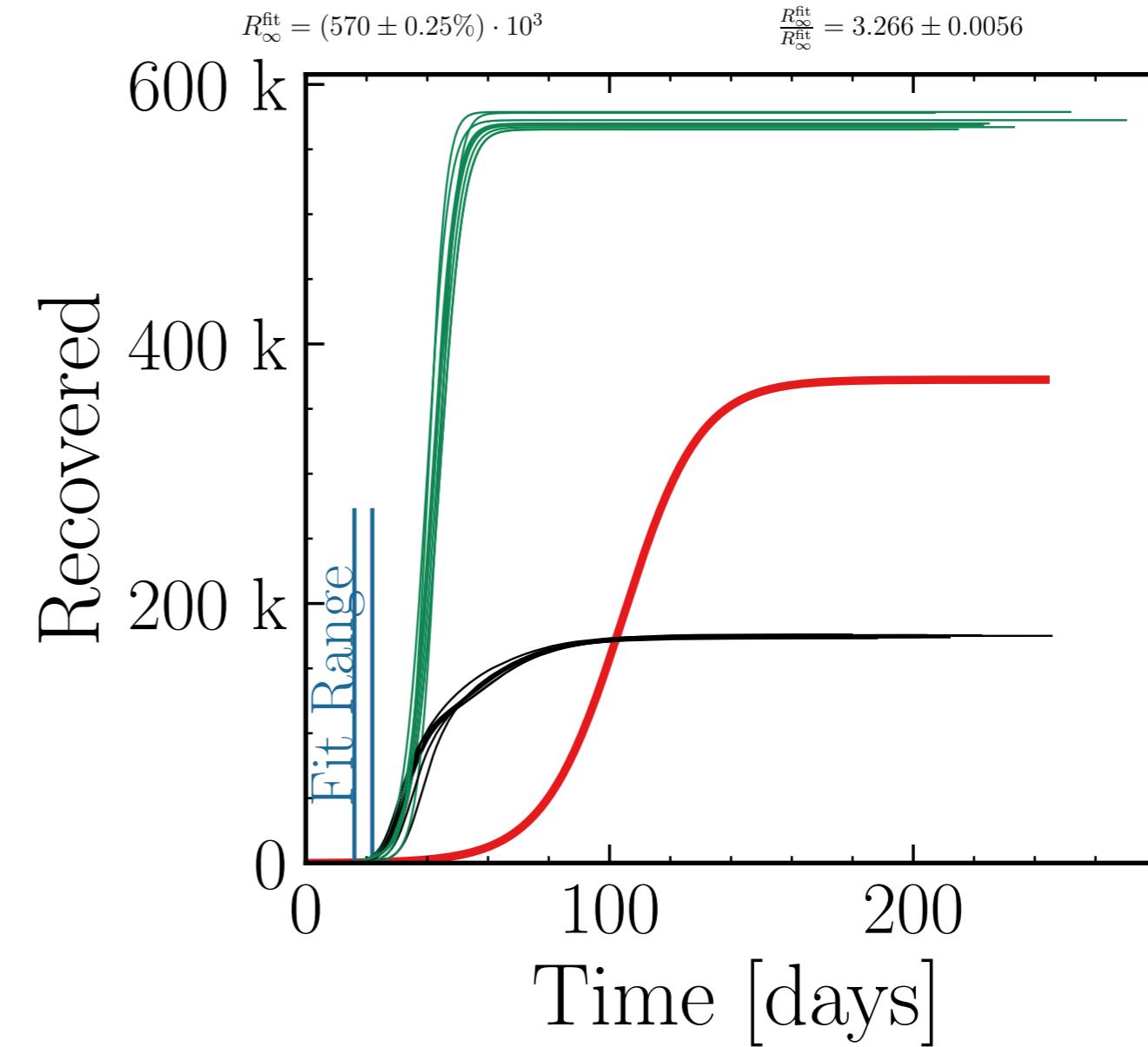
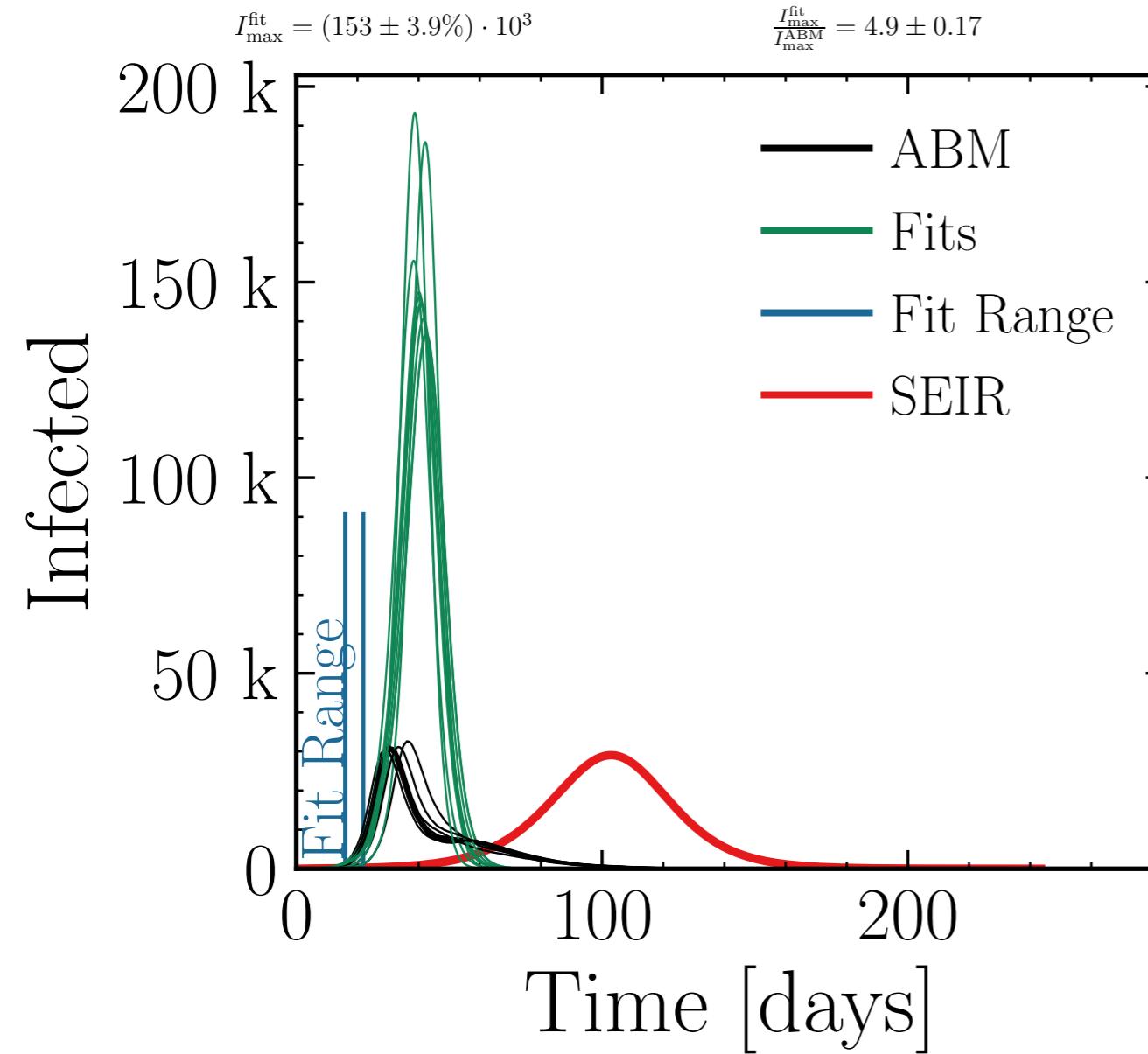


$N_{\text{tot}} = 580K$ ,  $\rho = 0.3$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

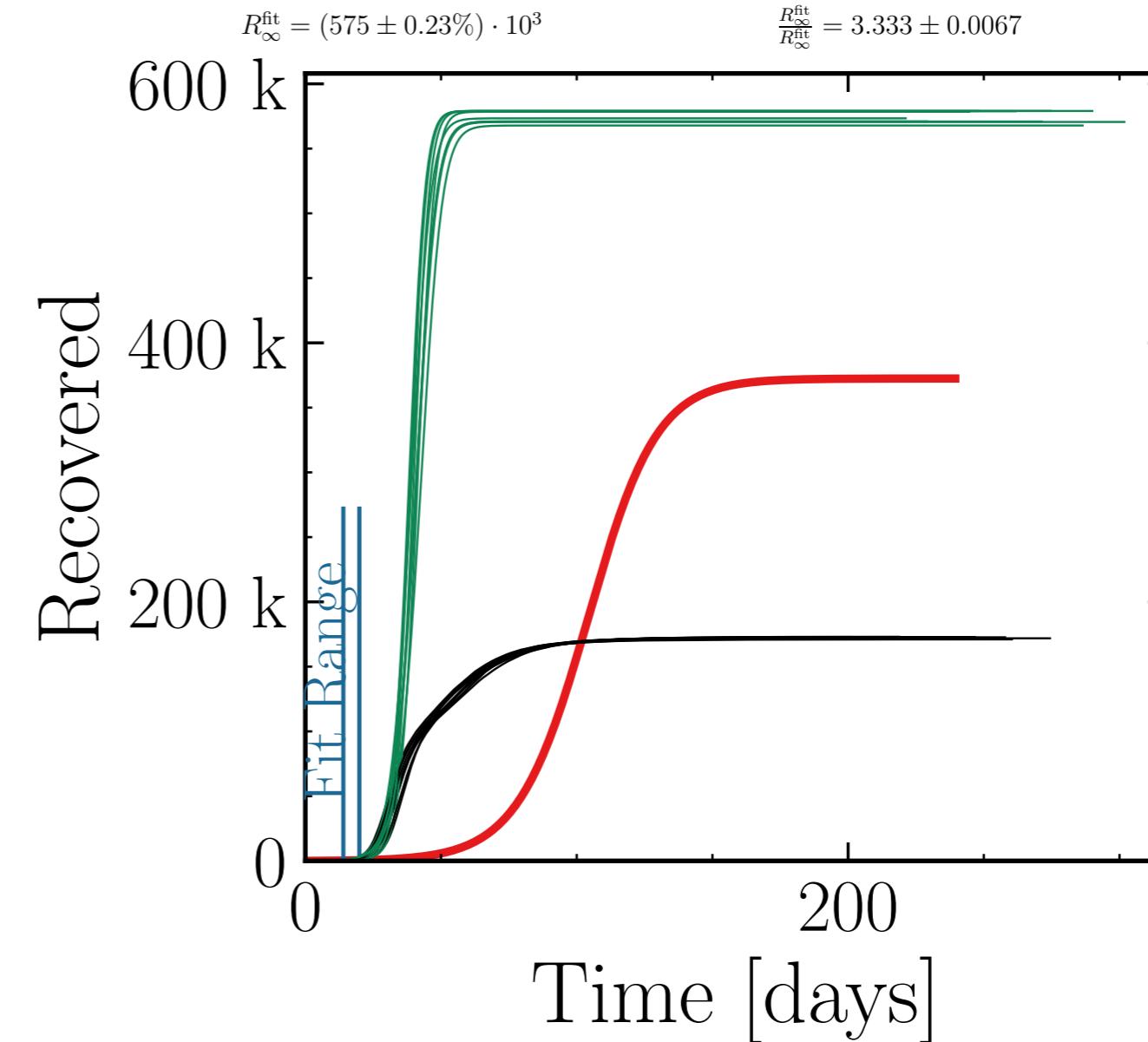
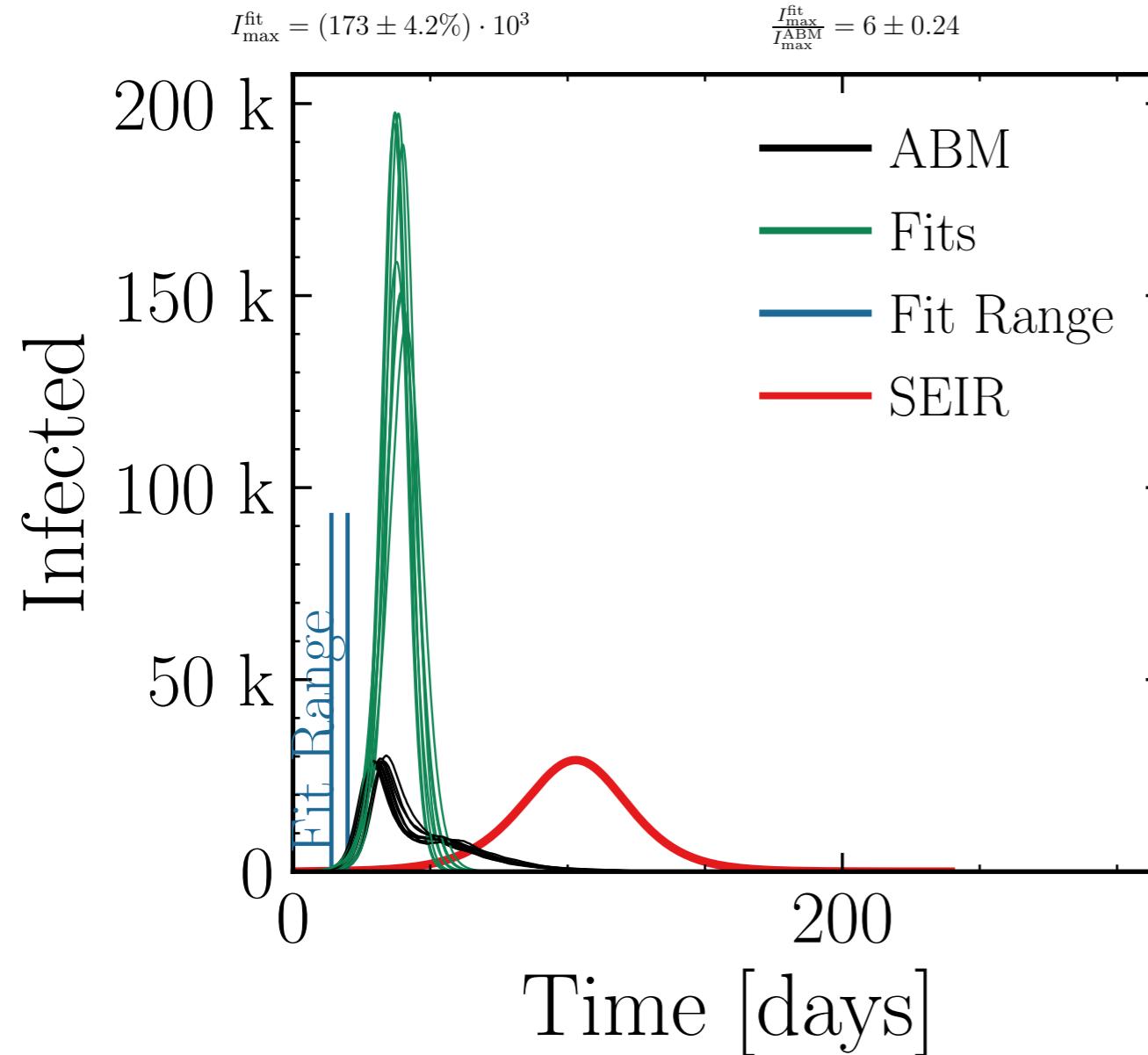
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 2395c90d07, #10



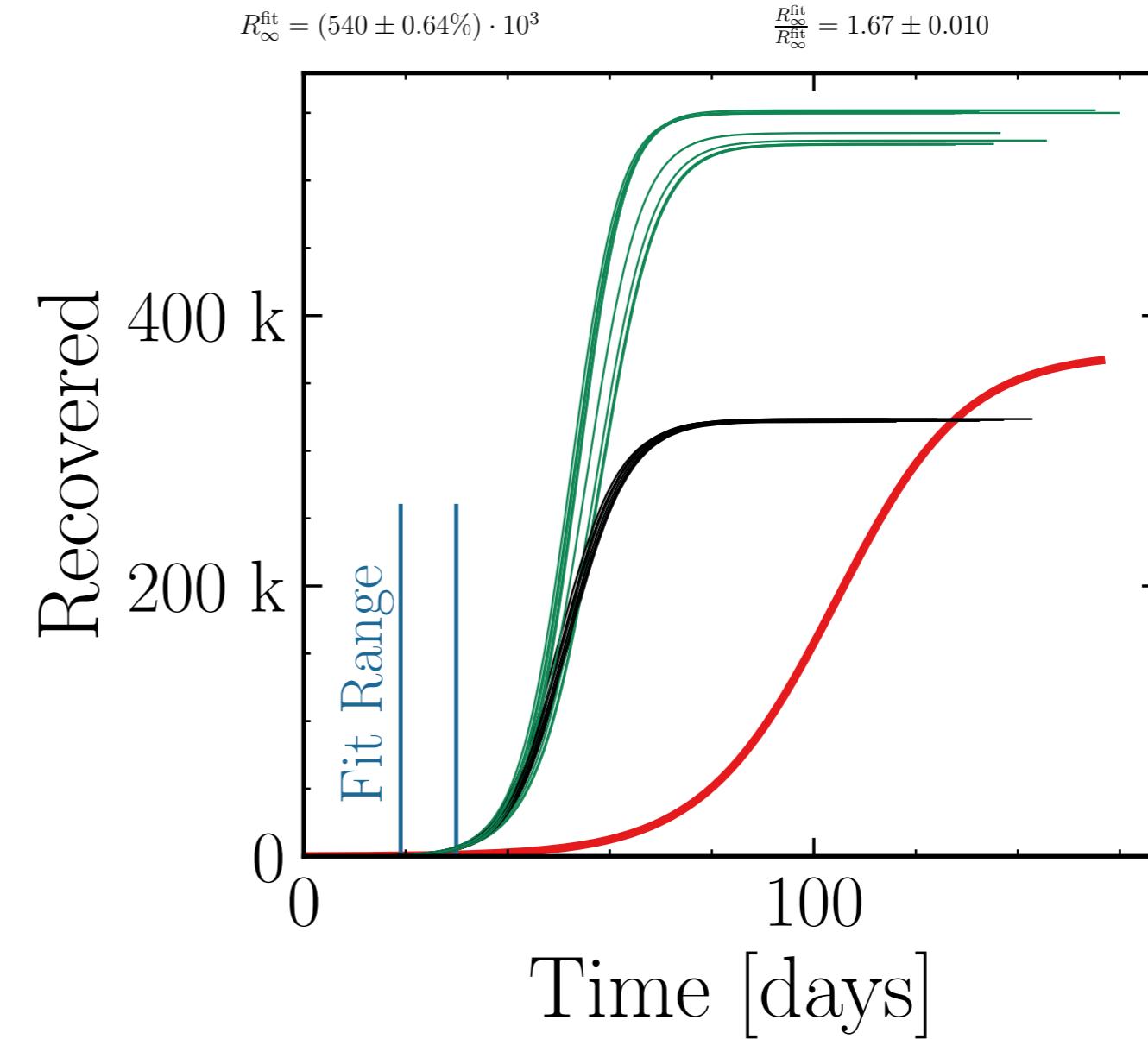
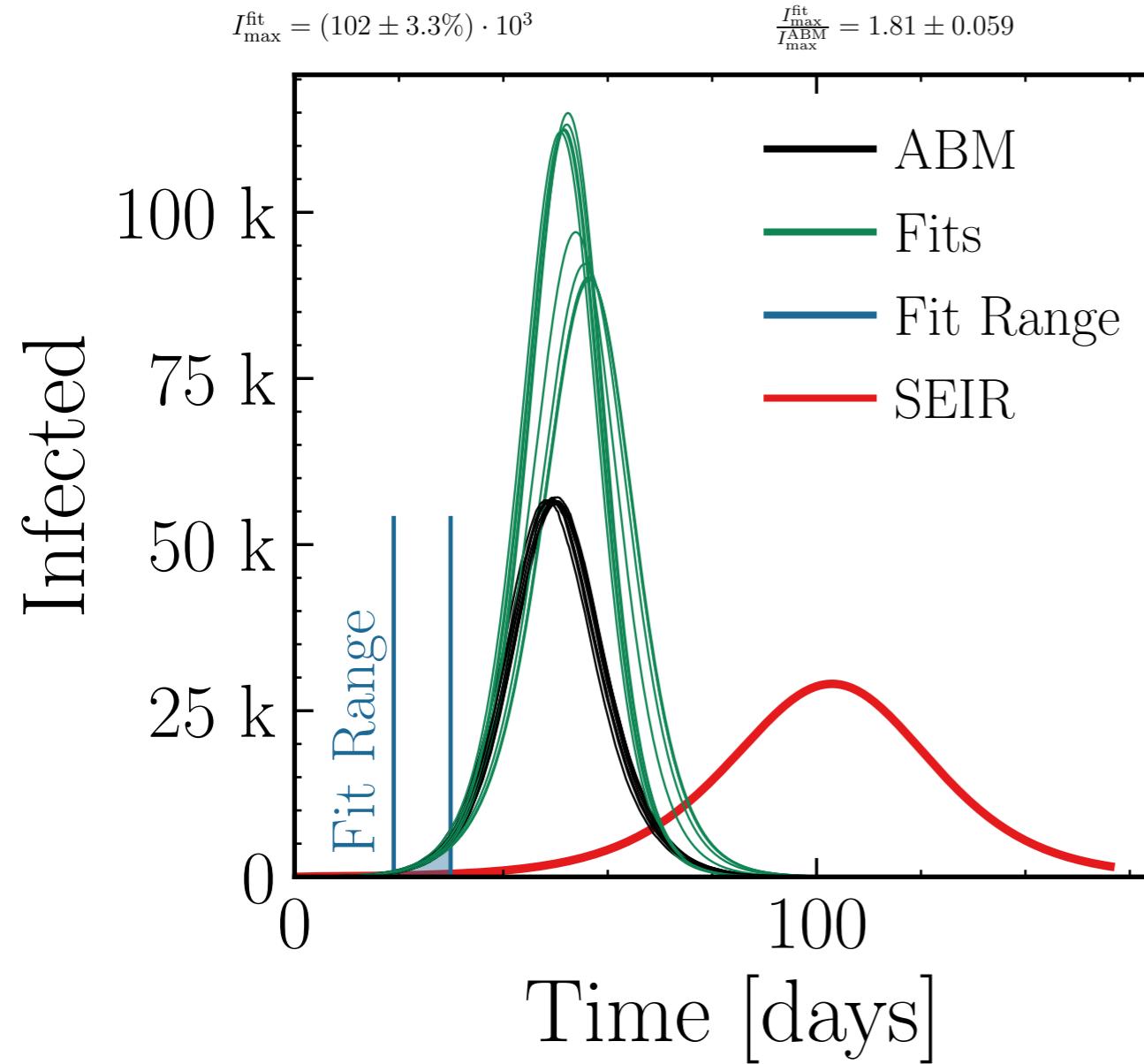
$N_{\text{tot}} = 580K$ ,  $\rho = 0.4$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c34def3d67, #10



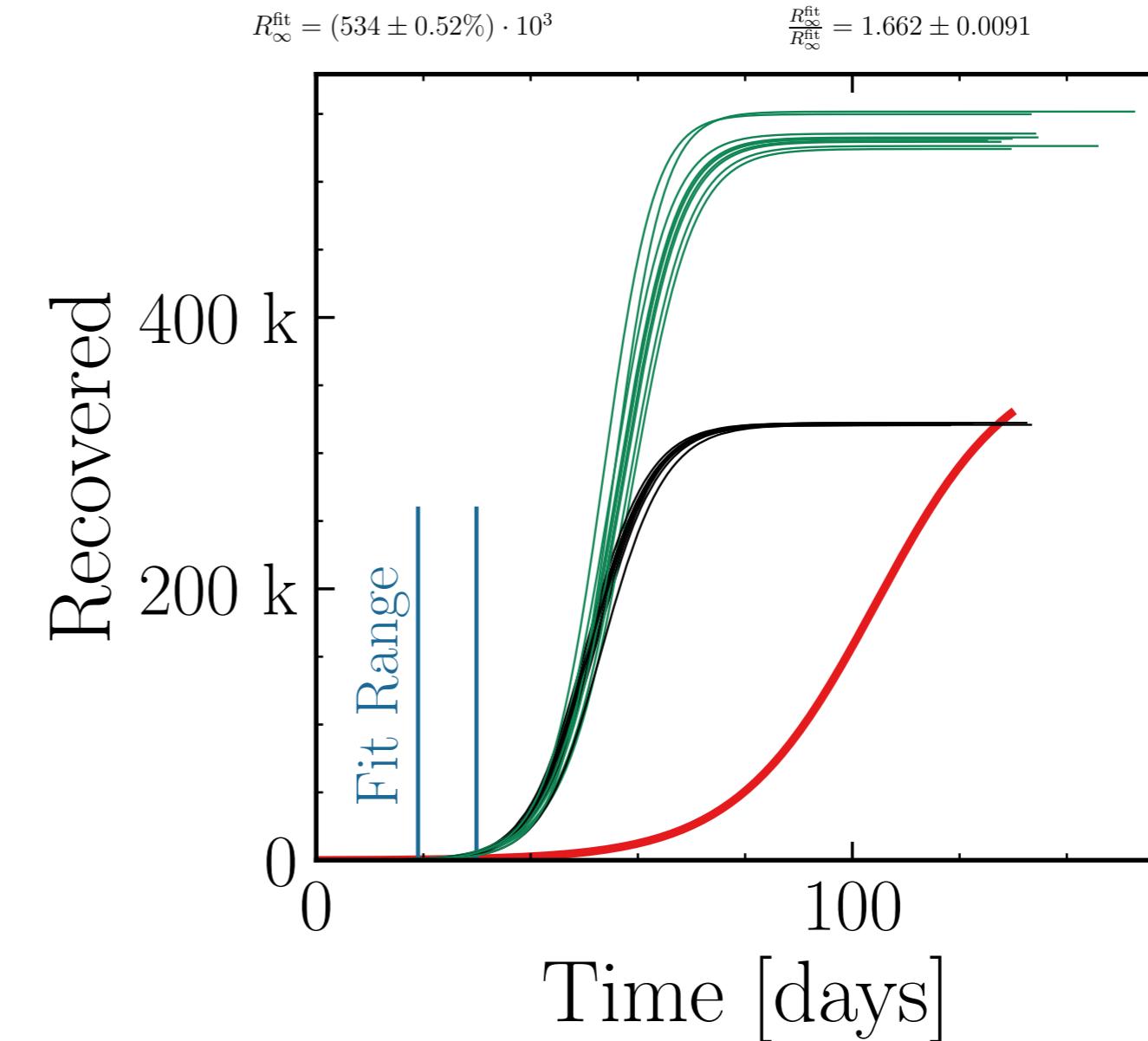
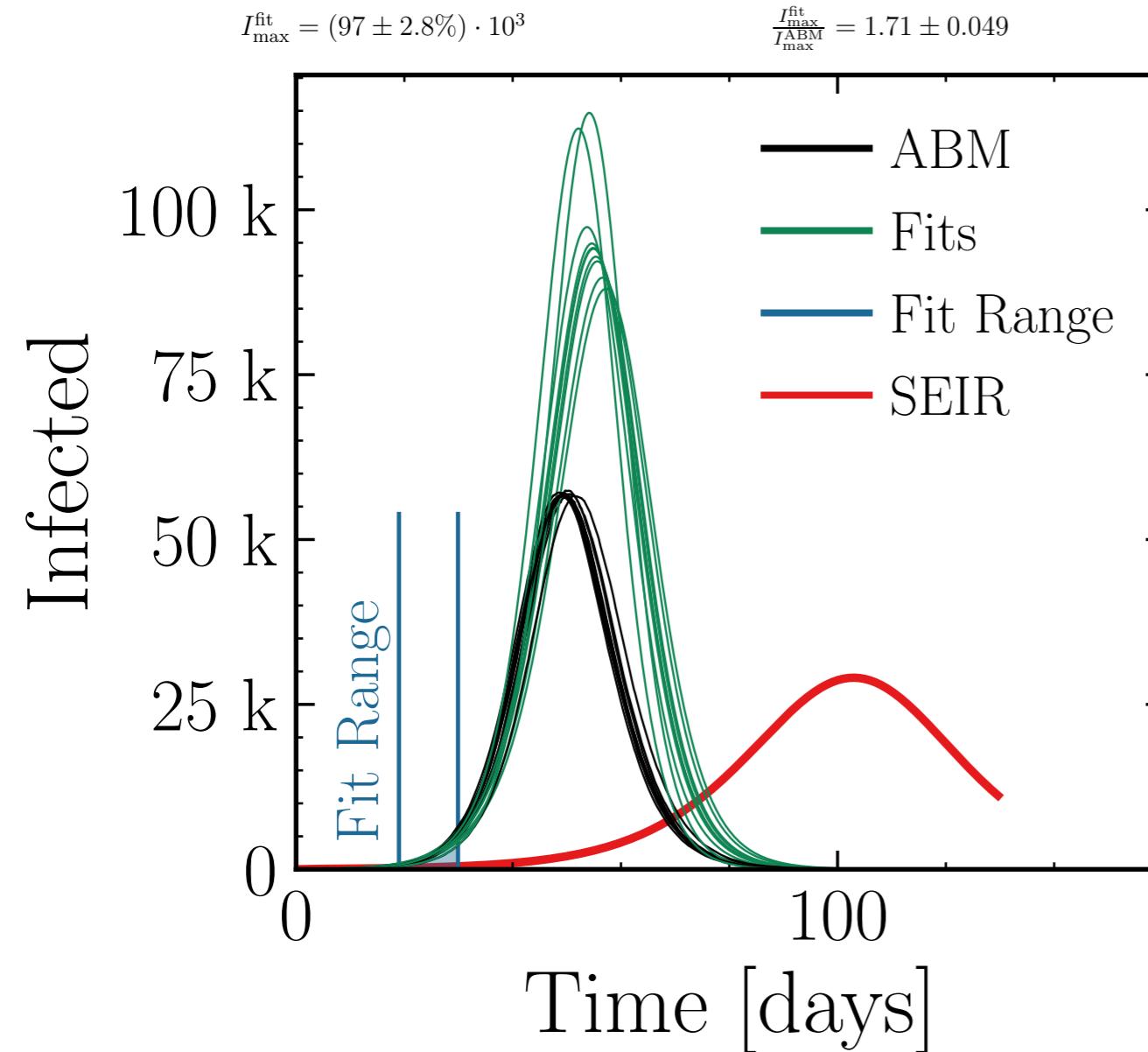
$N_{\text{tot}} = 580K$ ,  $\rho = 0.5$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = ae7b50ee11, #10



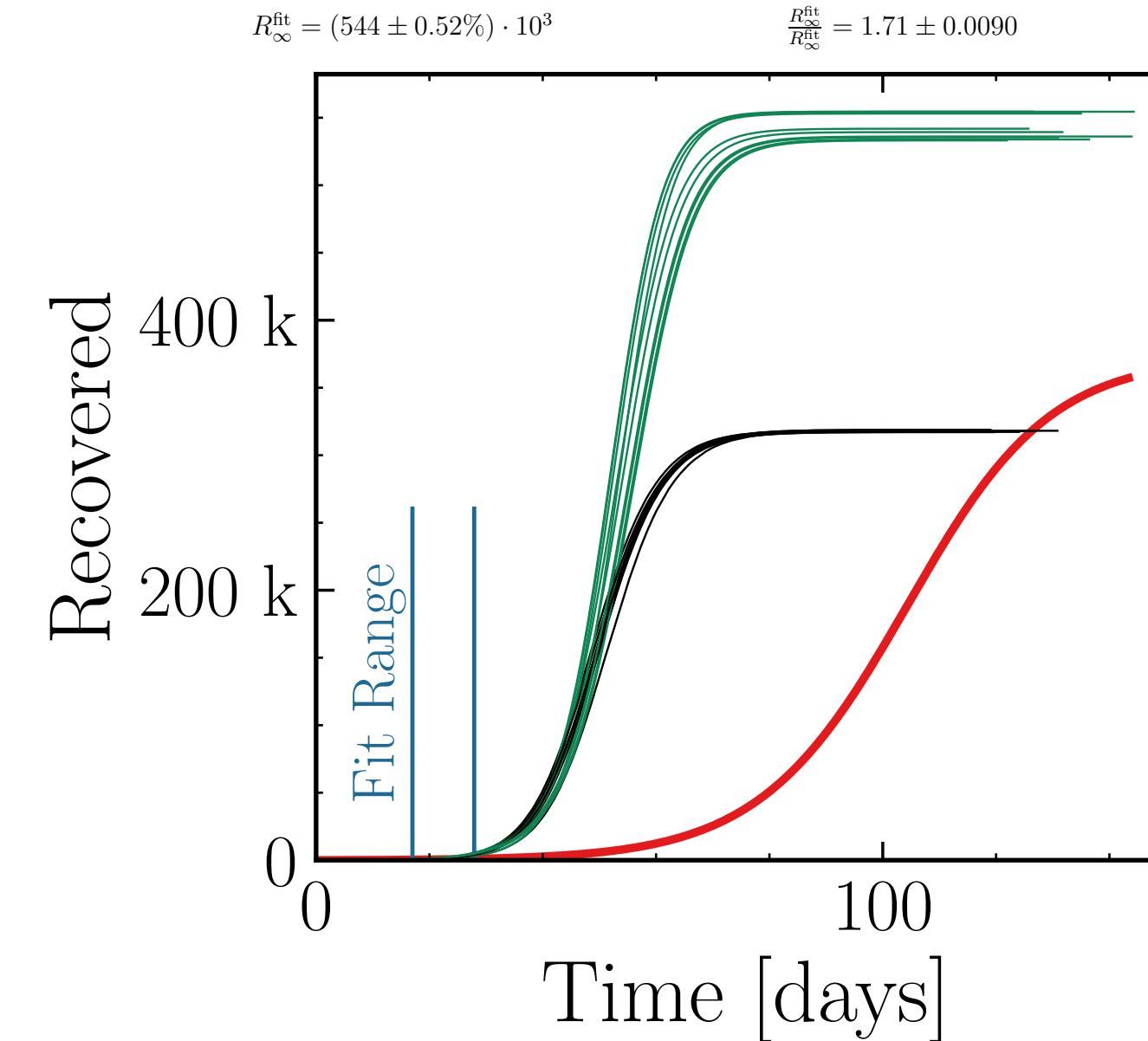
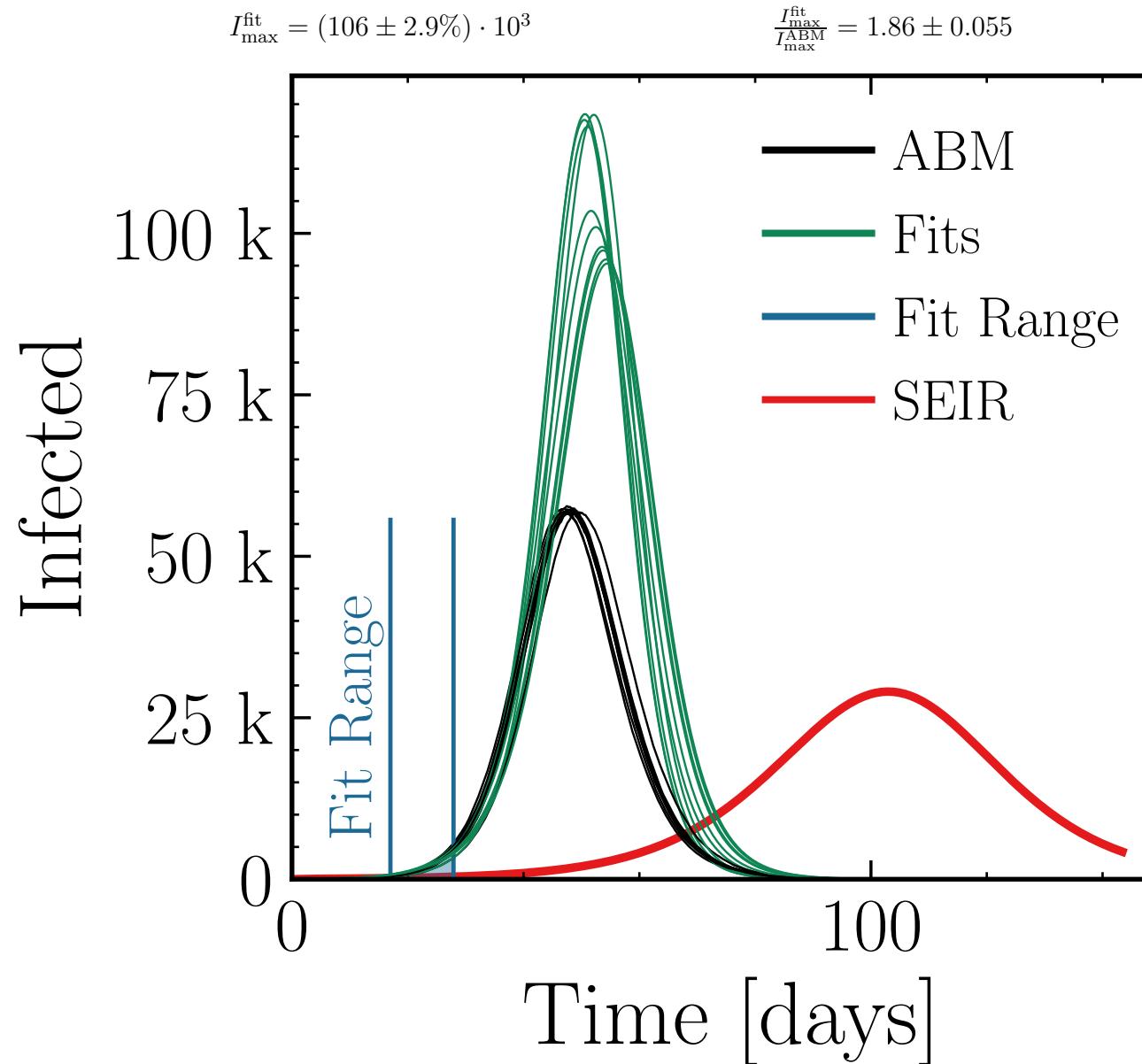
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = abd80c9971, #10



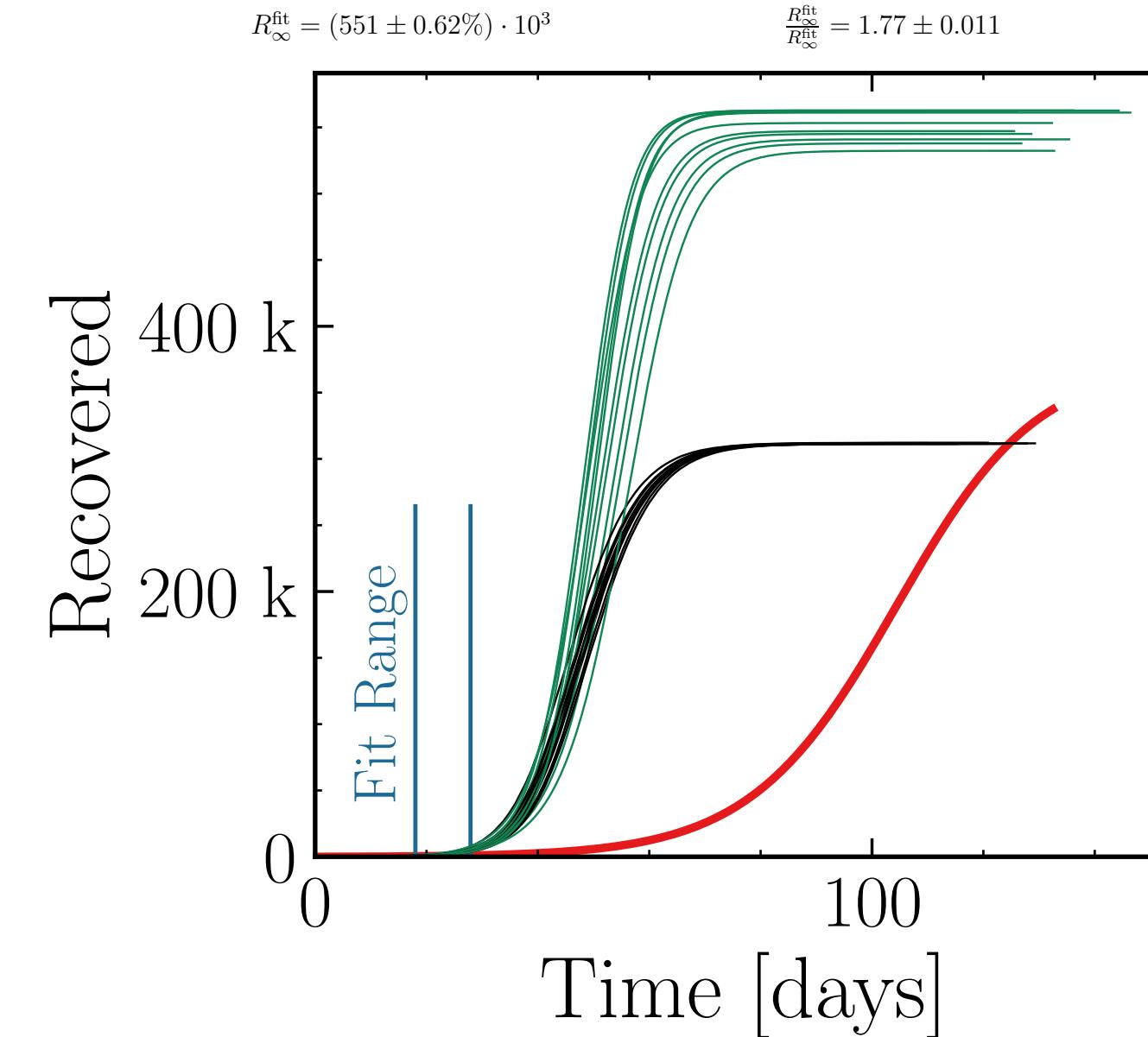
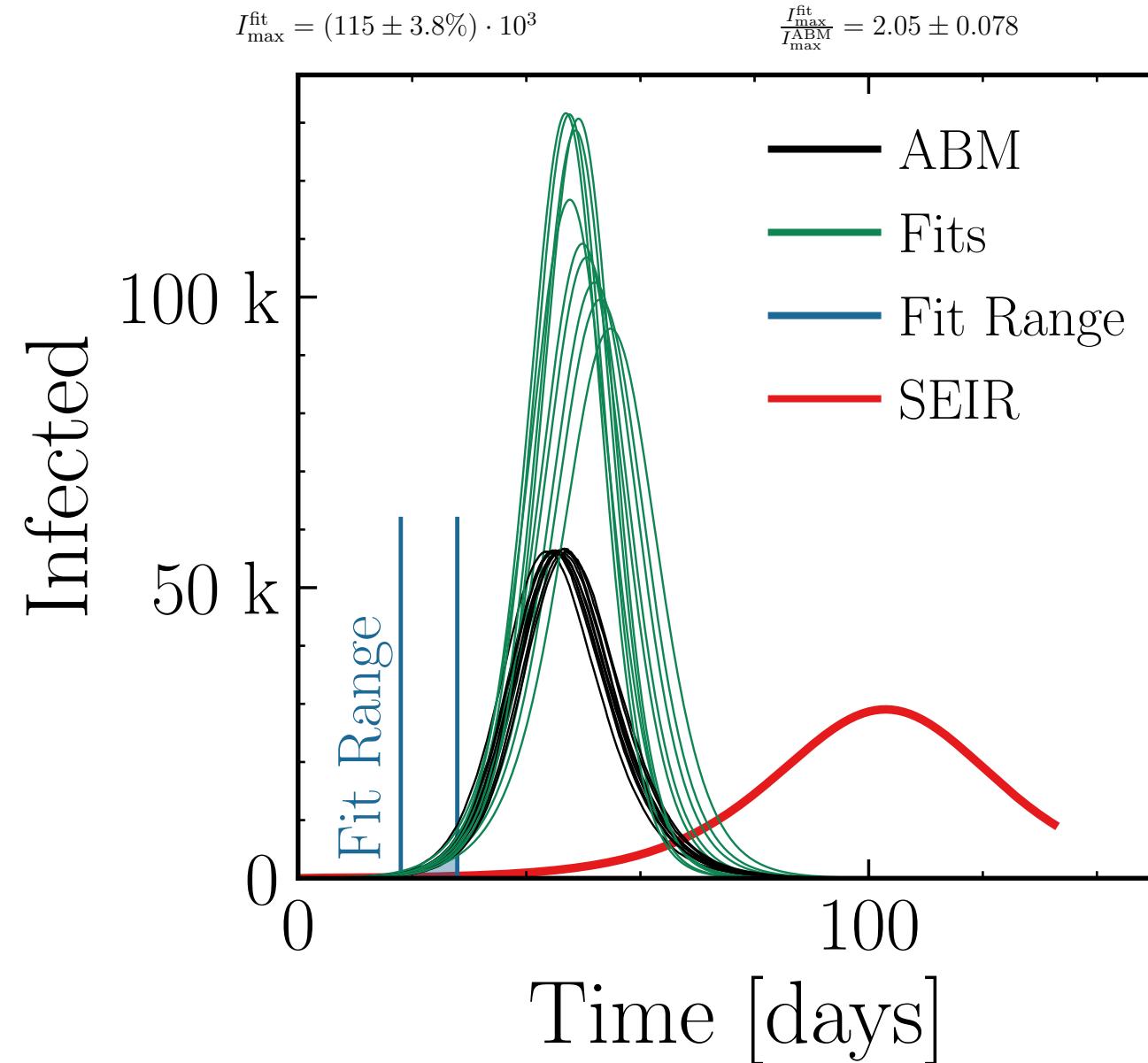
$N_{\text{tot}} = 580K$ ,  $\rho = 0.005$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f10672d333, #10



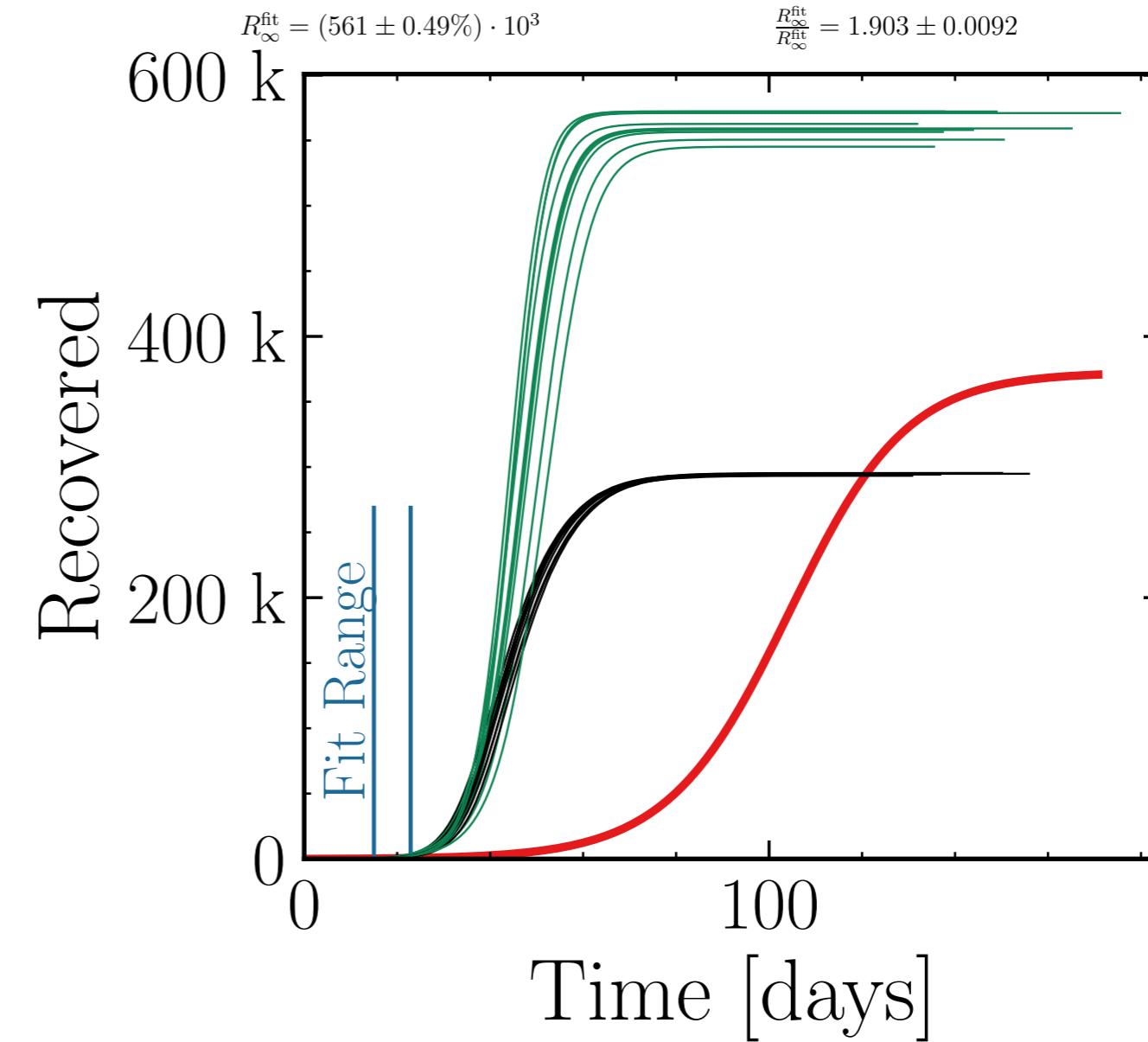
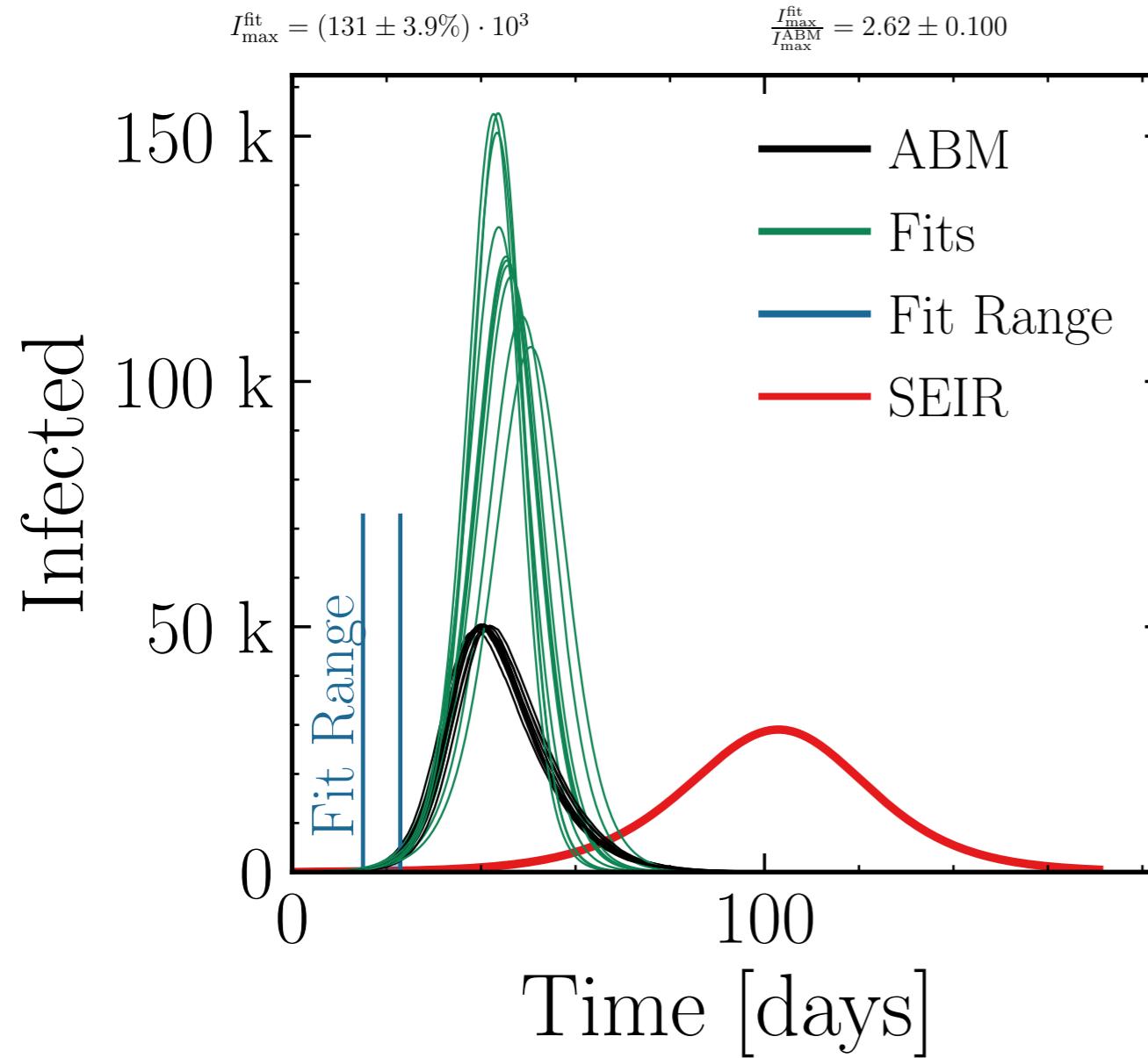
$N_{\text{tot}} = 580K$ ,  $\rho = 0.01$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 959df03fd0, #10



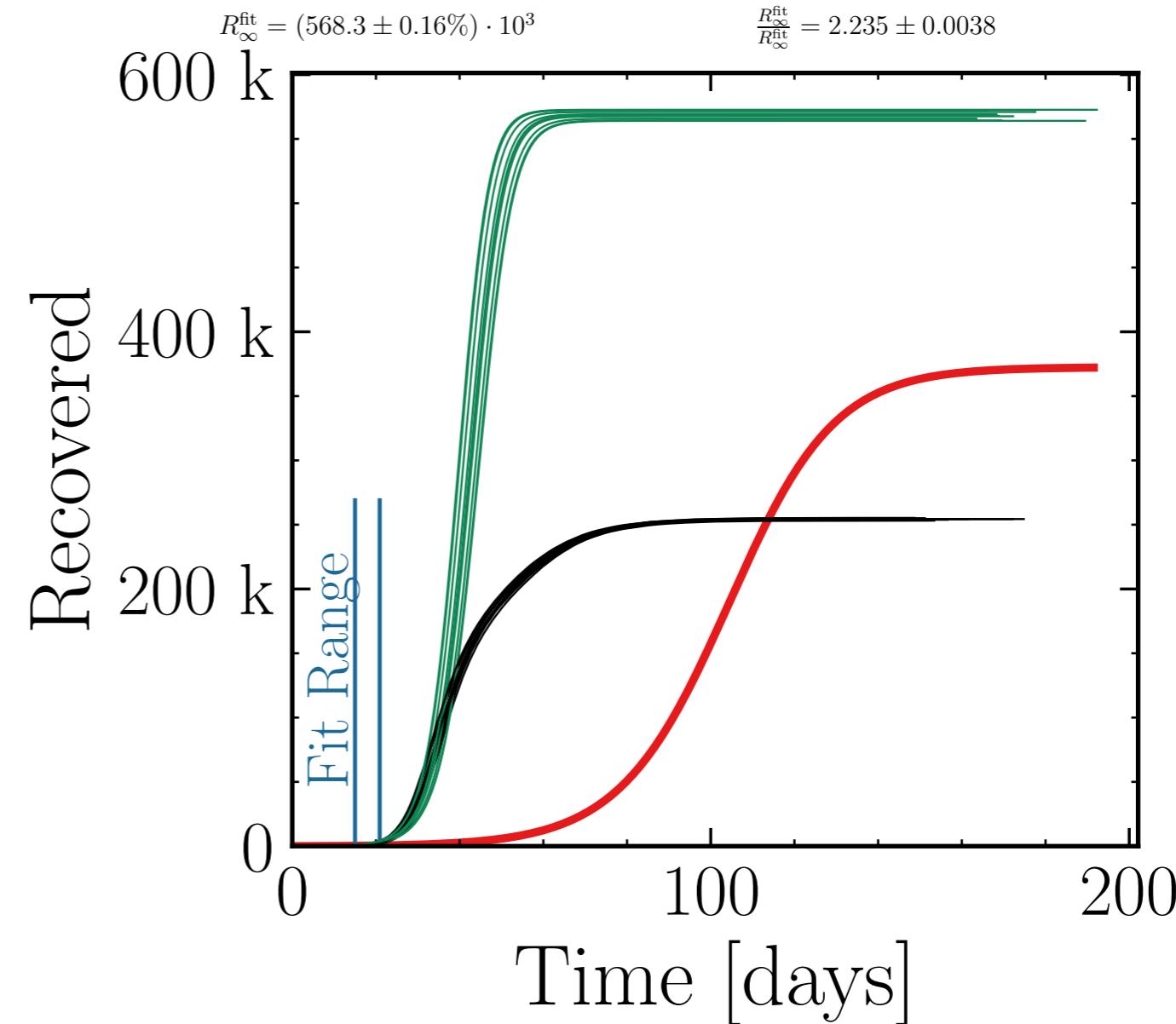
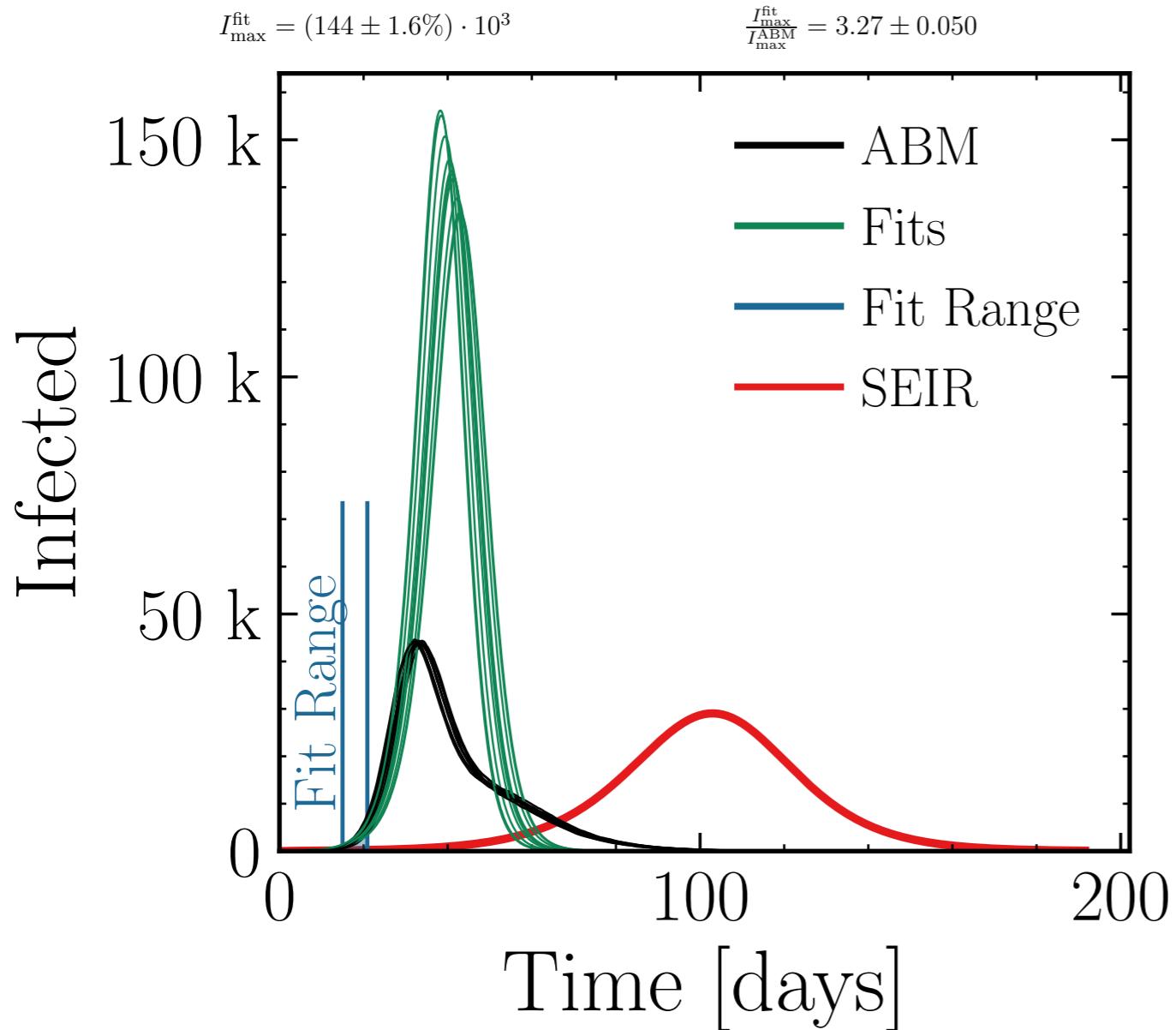
$N_{\text{tot}} = 580K$ ,  $\rho = 0.015$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 2e74fb0d44, #10



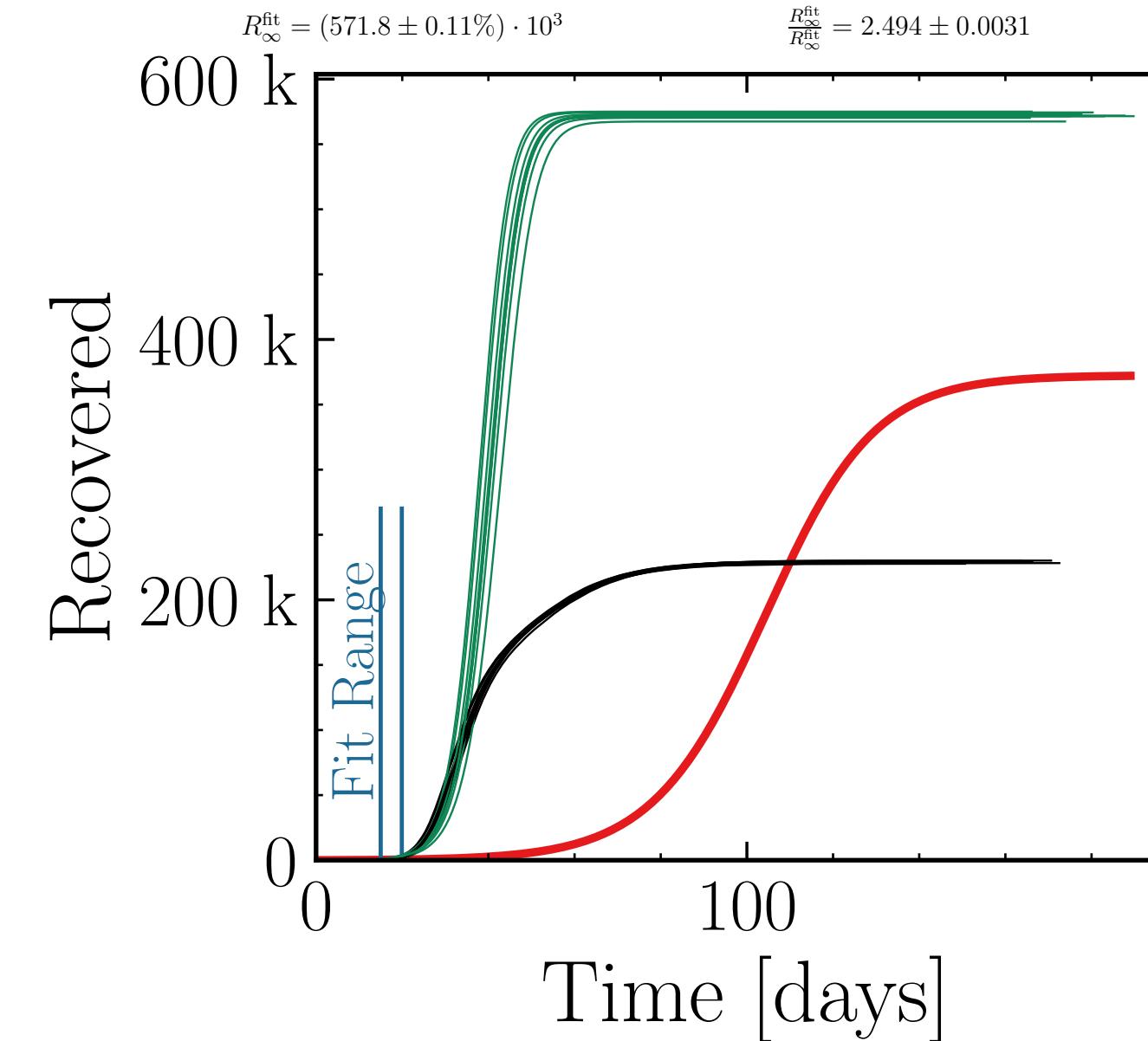
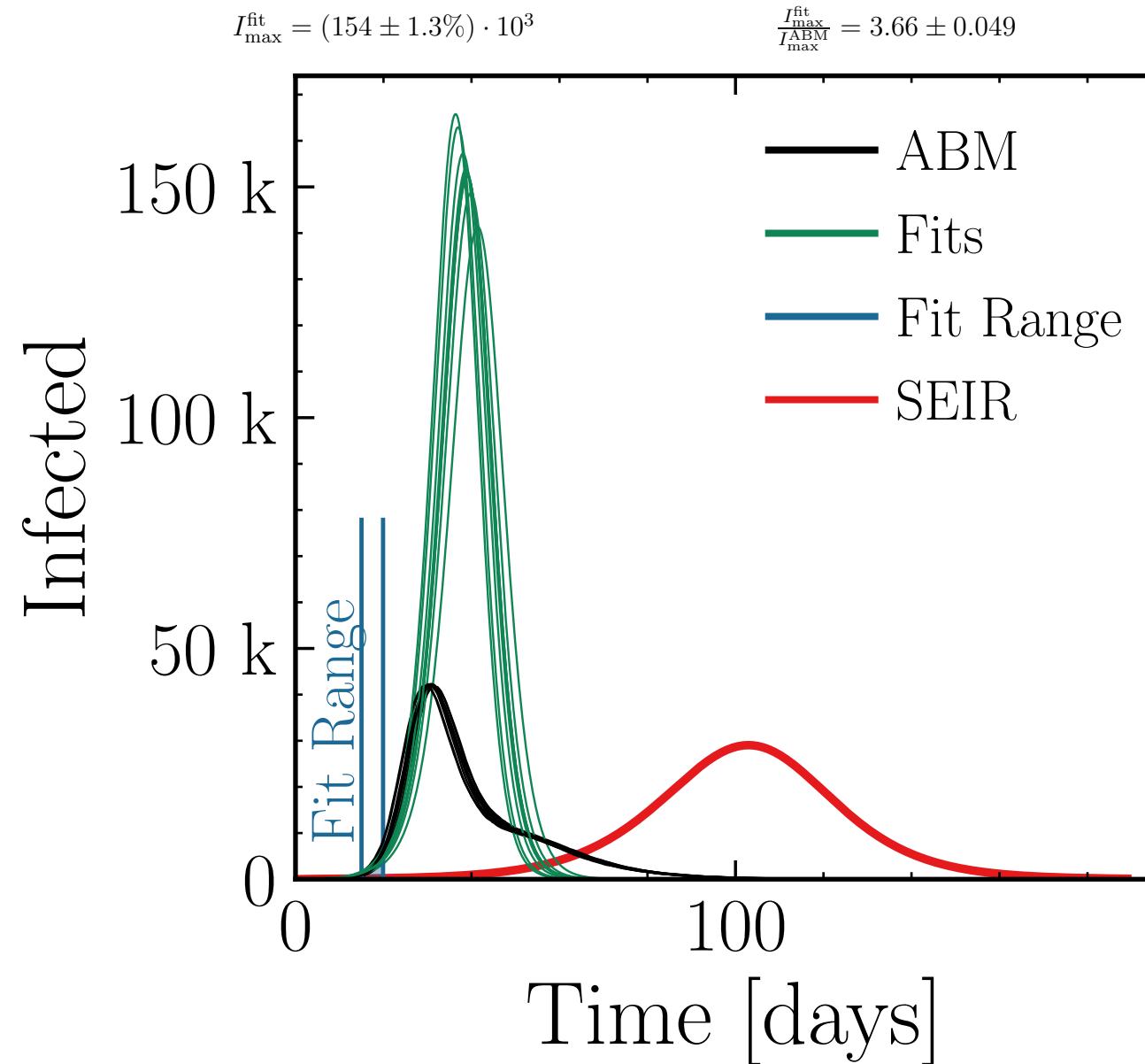
$N_{\text{tot}} = 580K$ ,  $\rho = 0.025$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 941b6ba066, #10



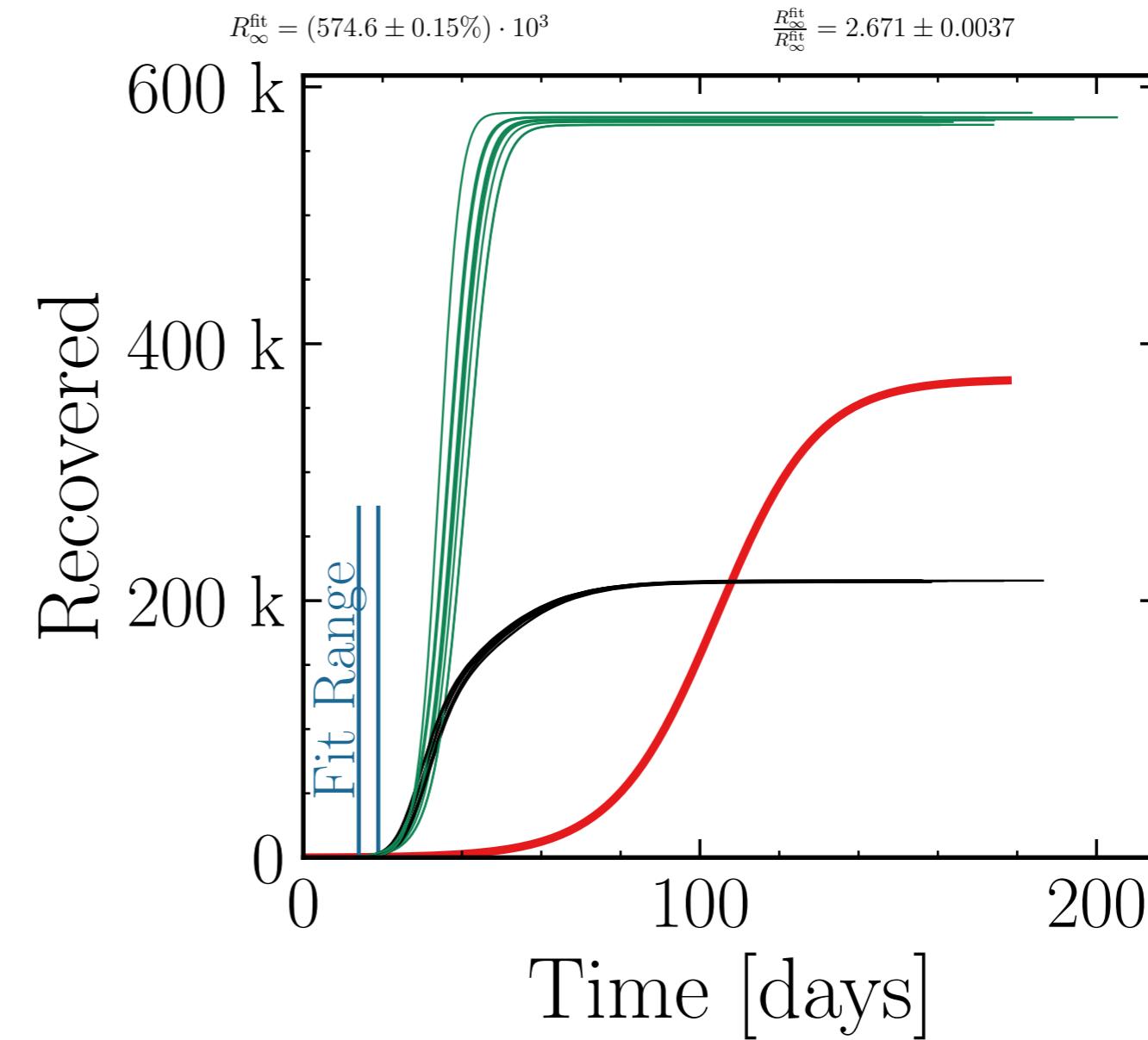
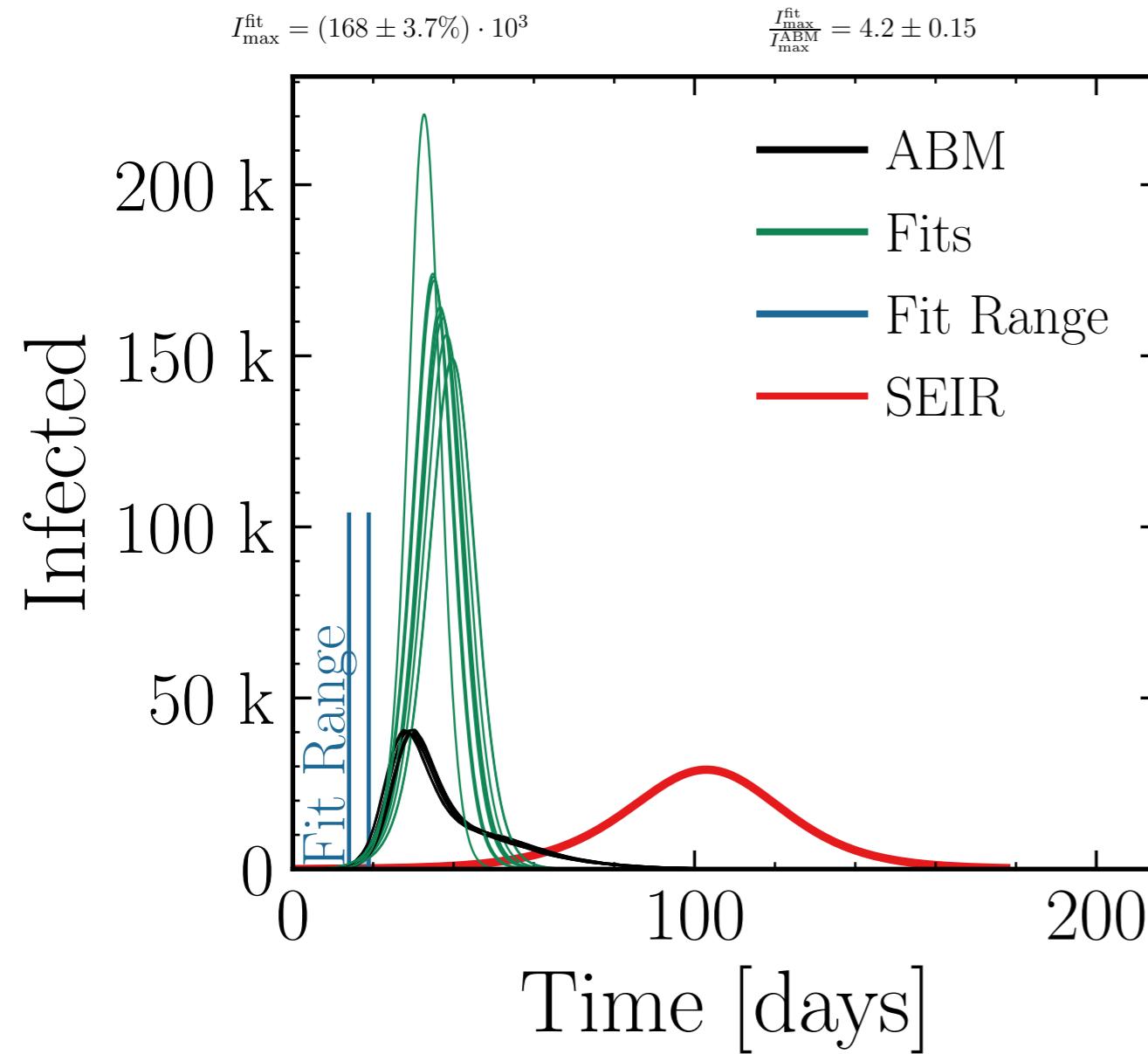
$N_{\text{tot}} = 580K$ ,  $\rho = 0.05$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = cda7c8d390, #10



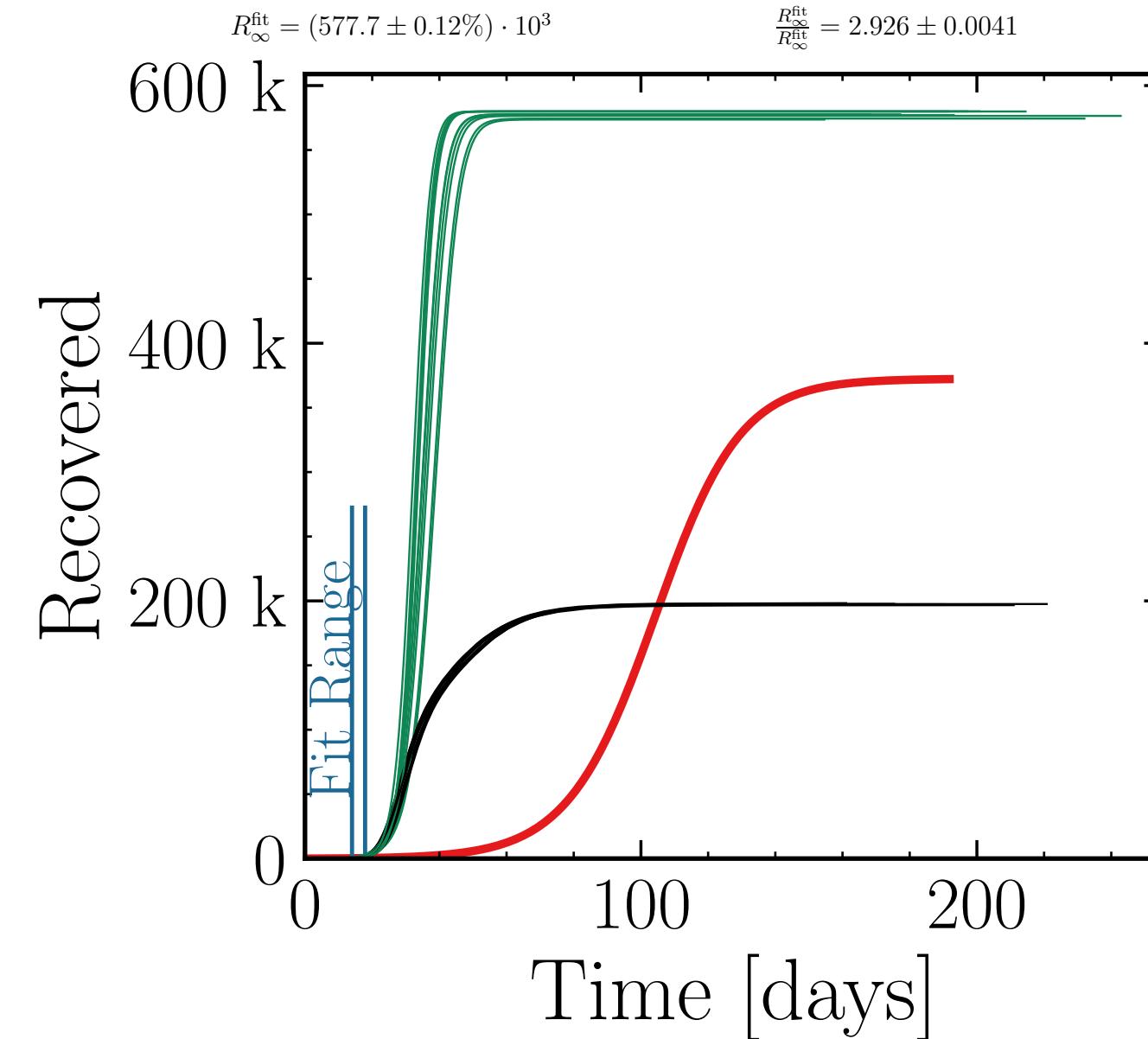
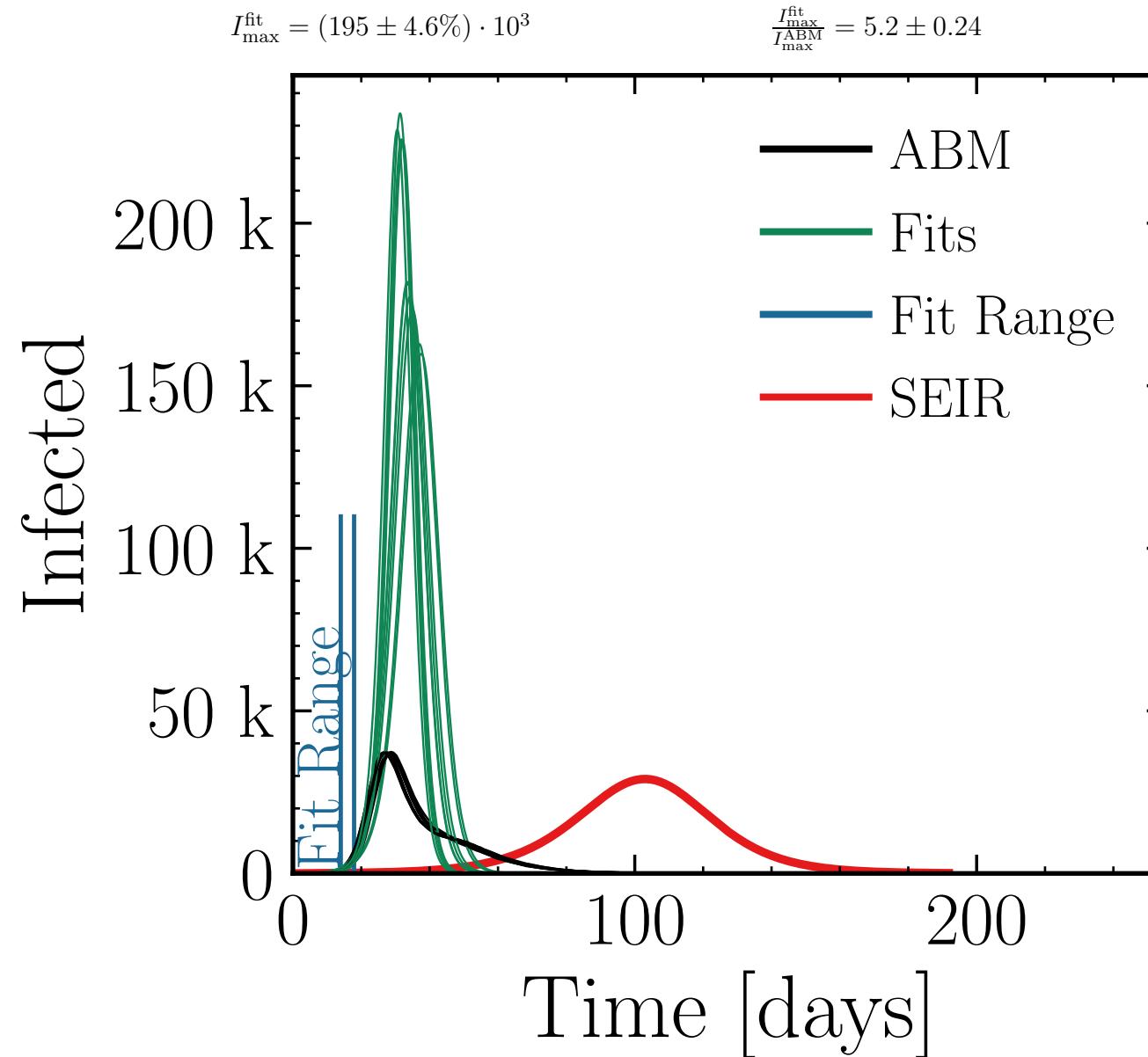
$N_{\text{tot}} = 580K$ ,  $\rho = 0.075$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f6498004ad, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 10b693f766, #10

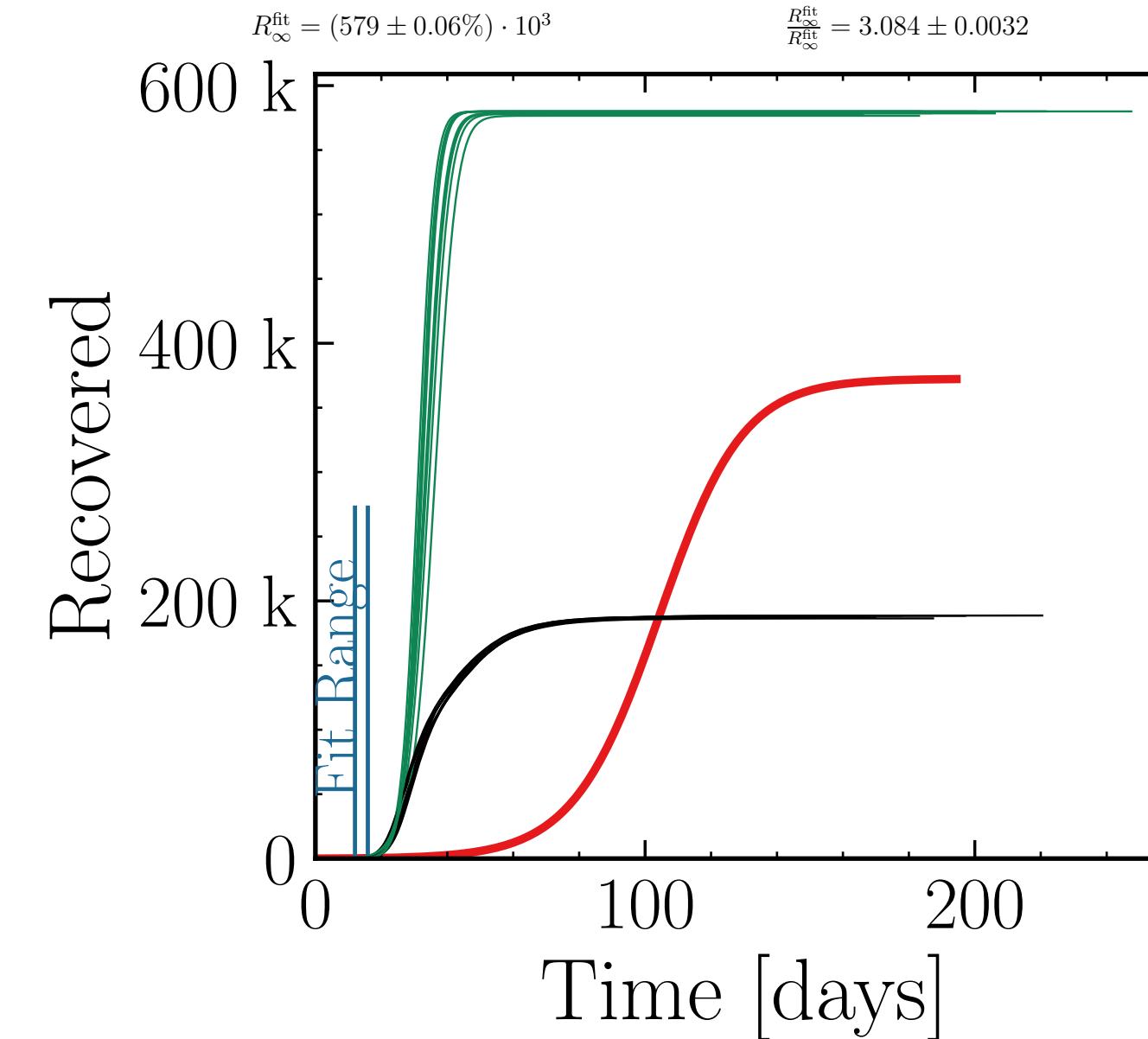
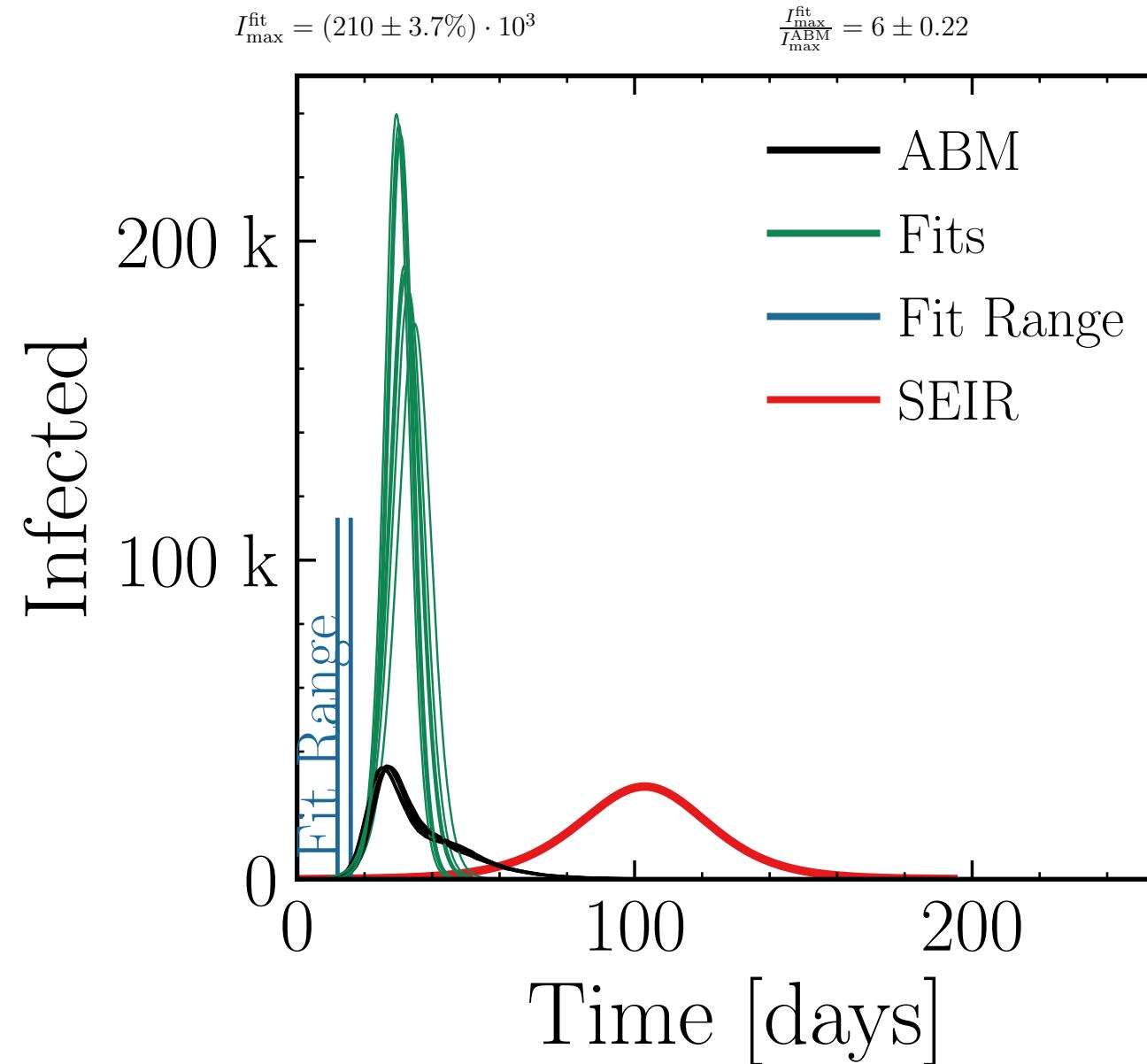


$N_{\text{tot}} = 580K$ ,  $\rho = 0.15$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 9cfa91efa0, #10

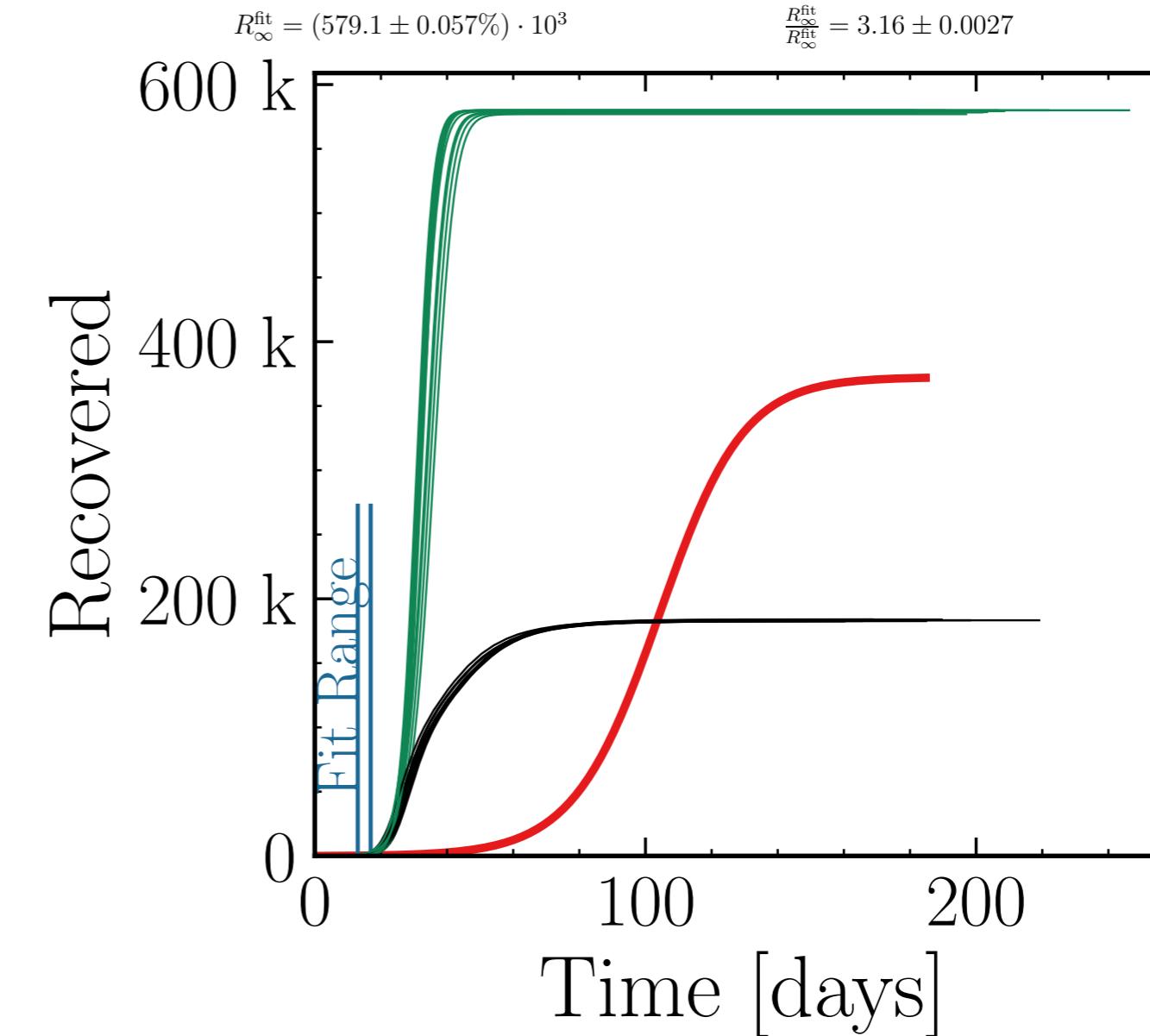
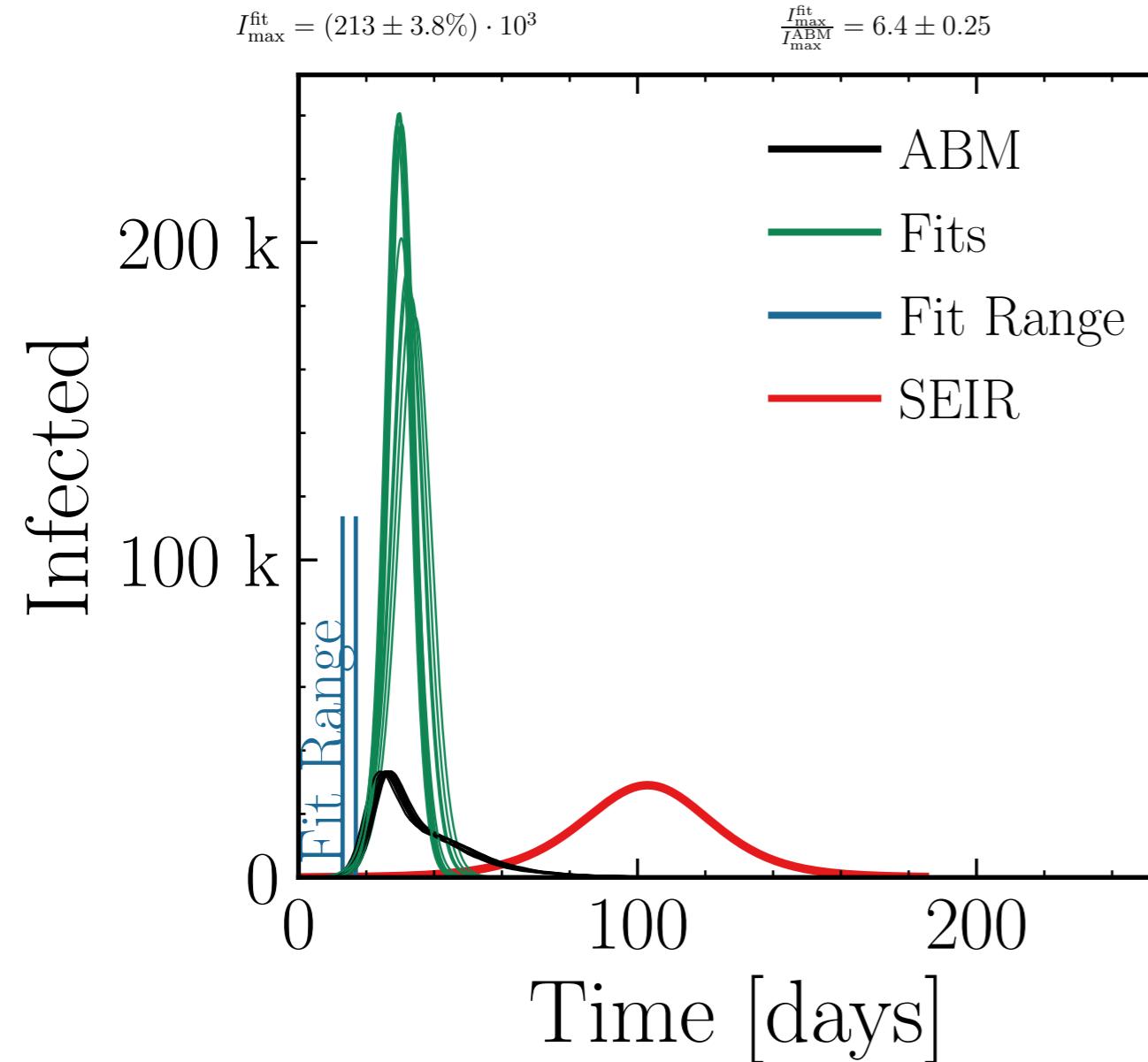


$N_{\text{tot}} = 580K$ ,  $\rho = 0.2$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

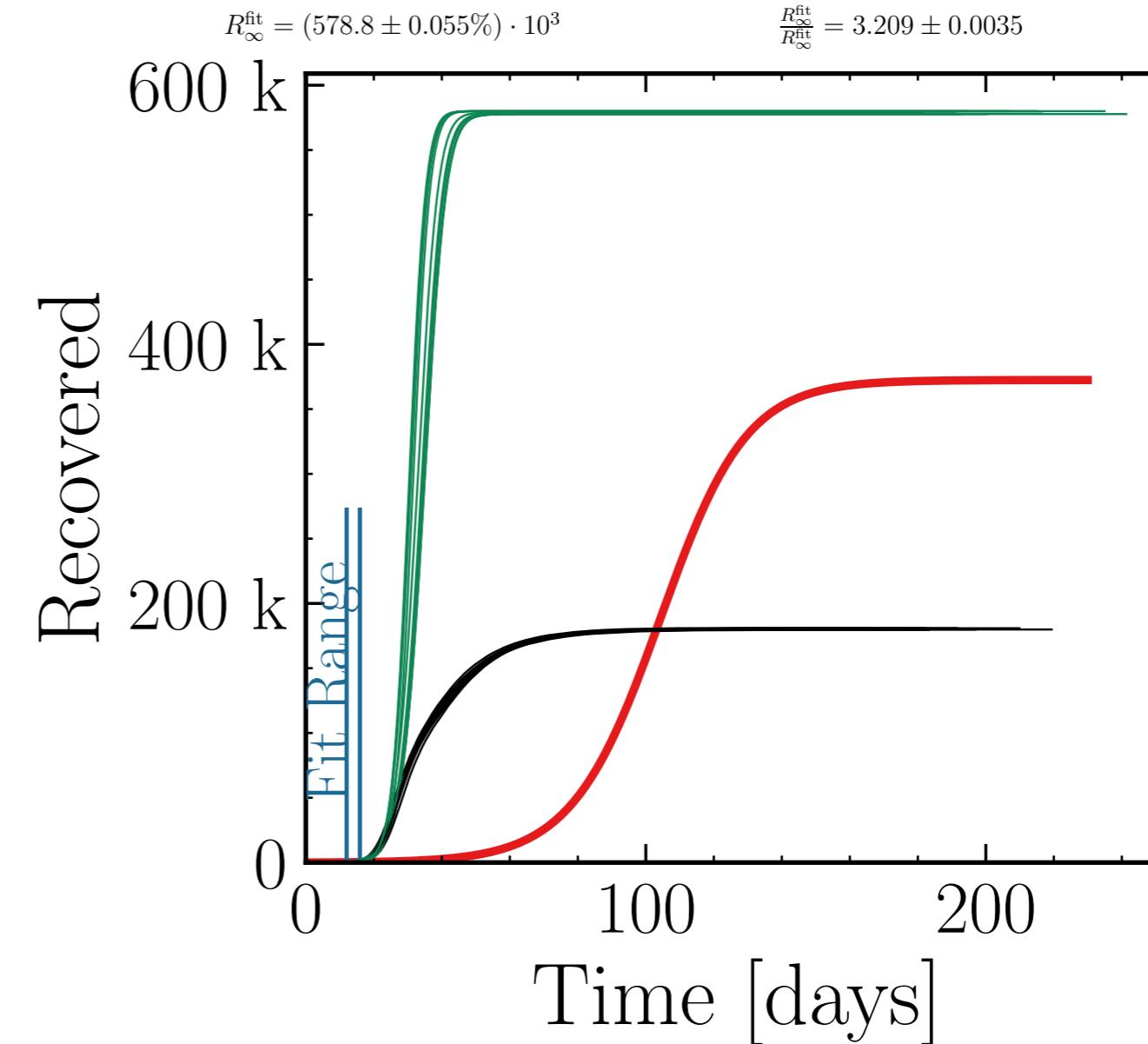
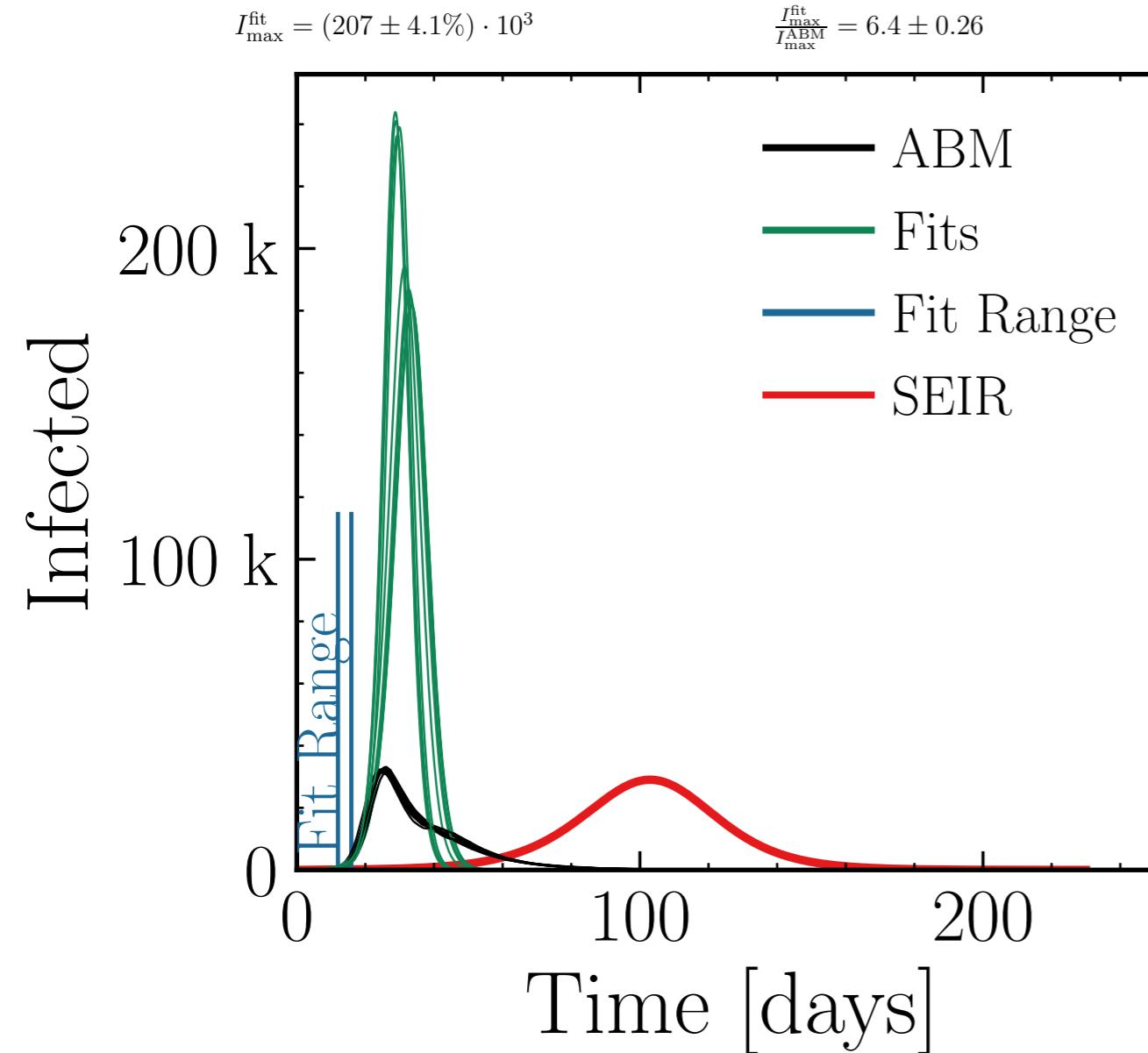
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a4124f11f6, #10



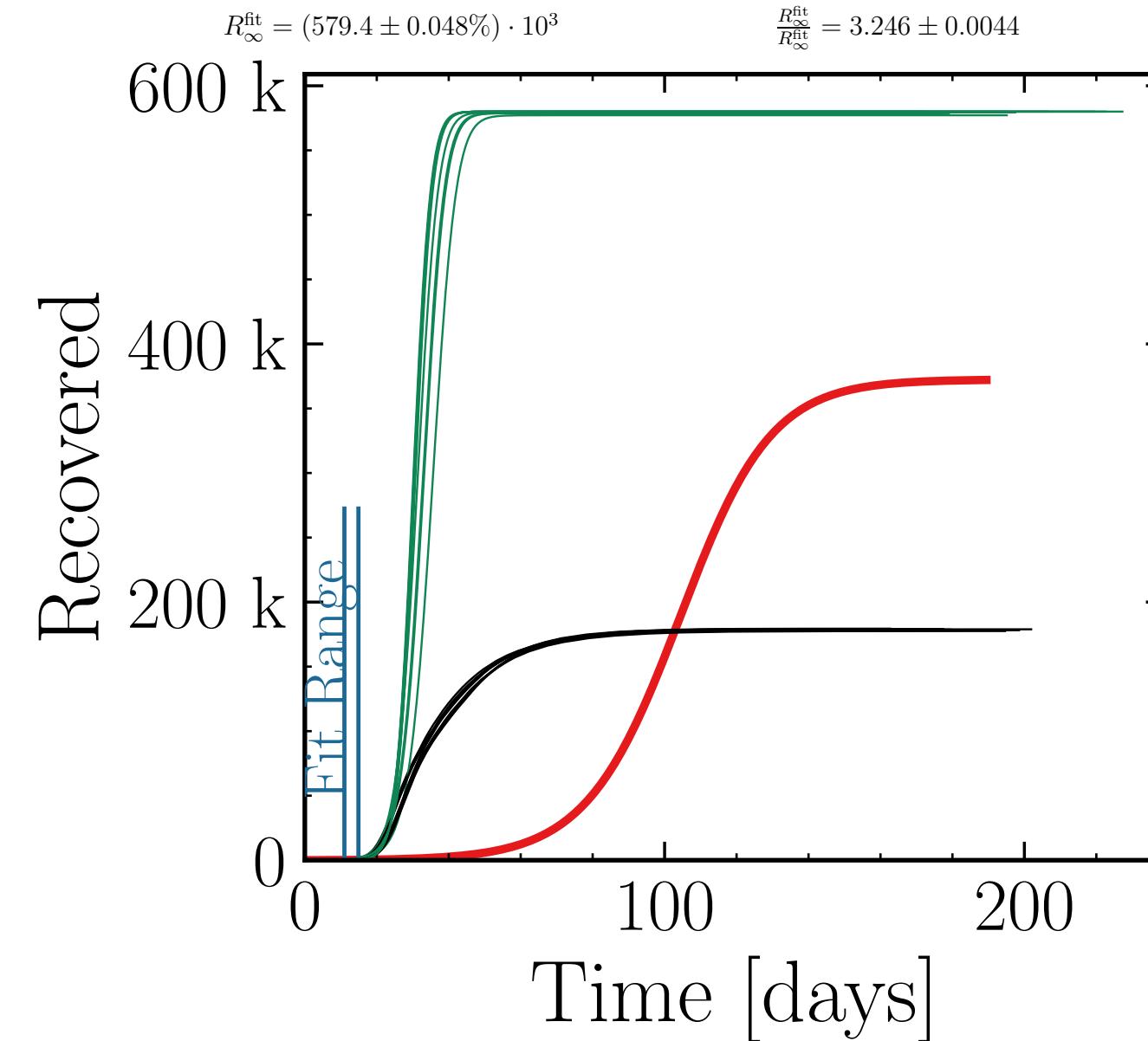
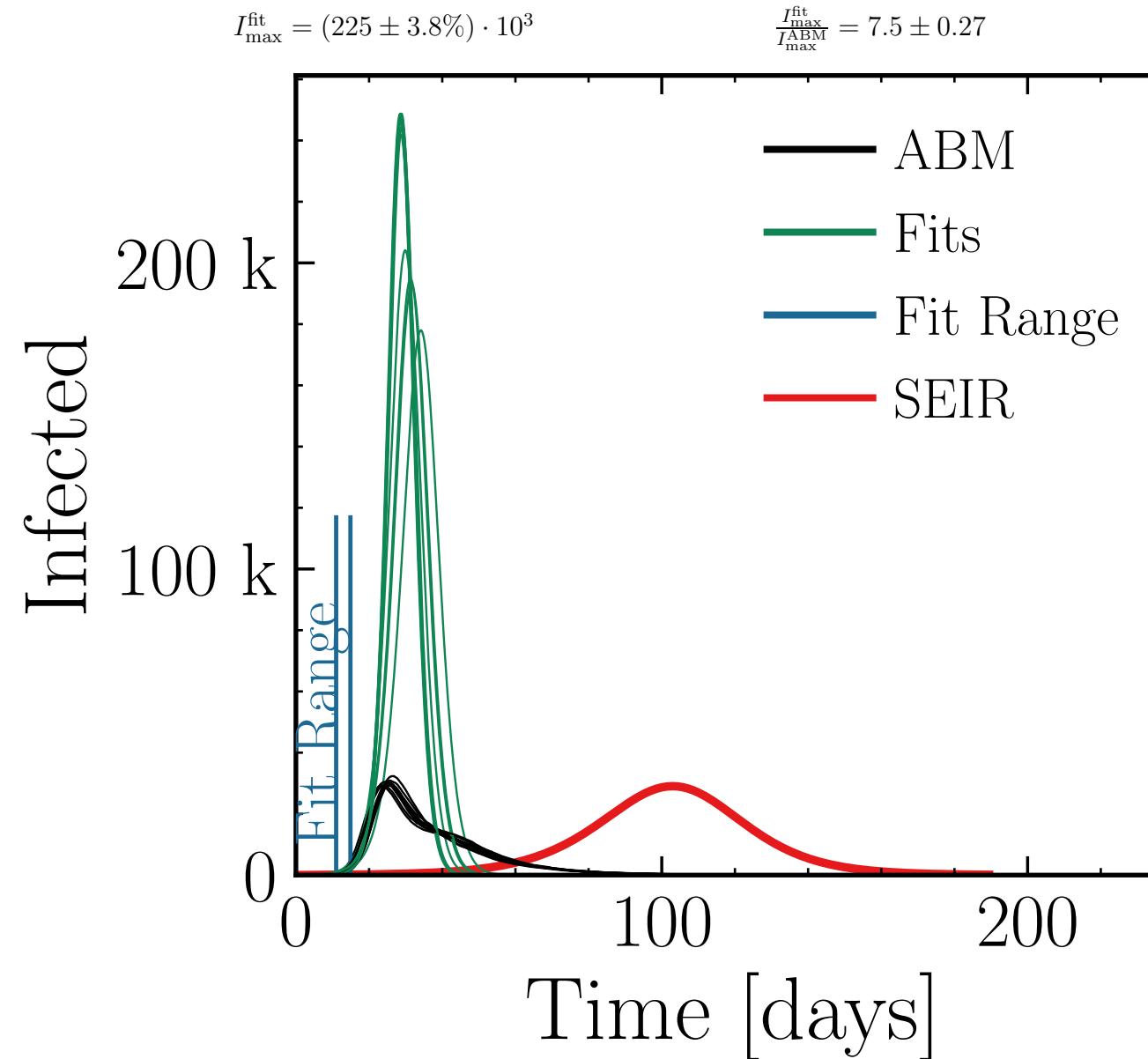
$N_{\text{tot}} = 580K$ ,  $\rho = 0.25$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 78a9a08d1e, #10



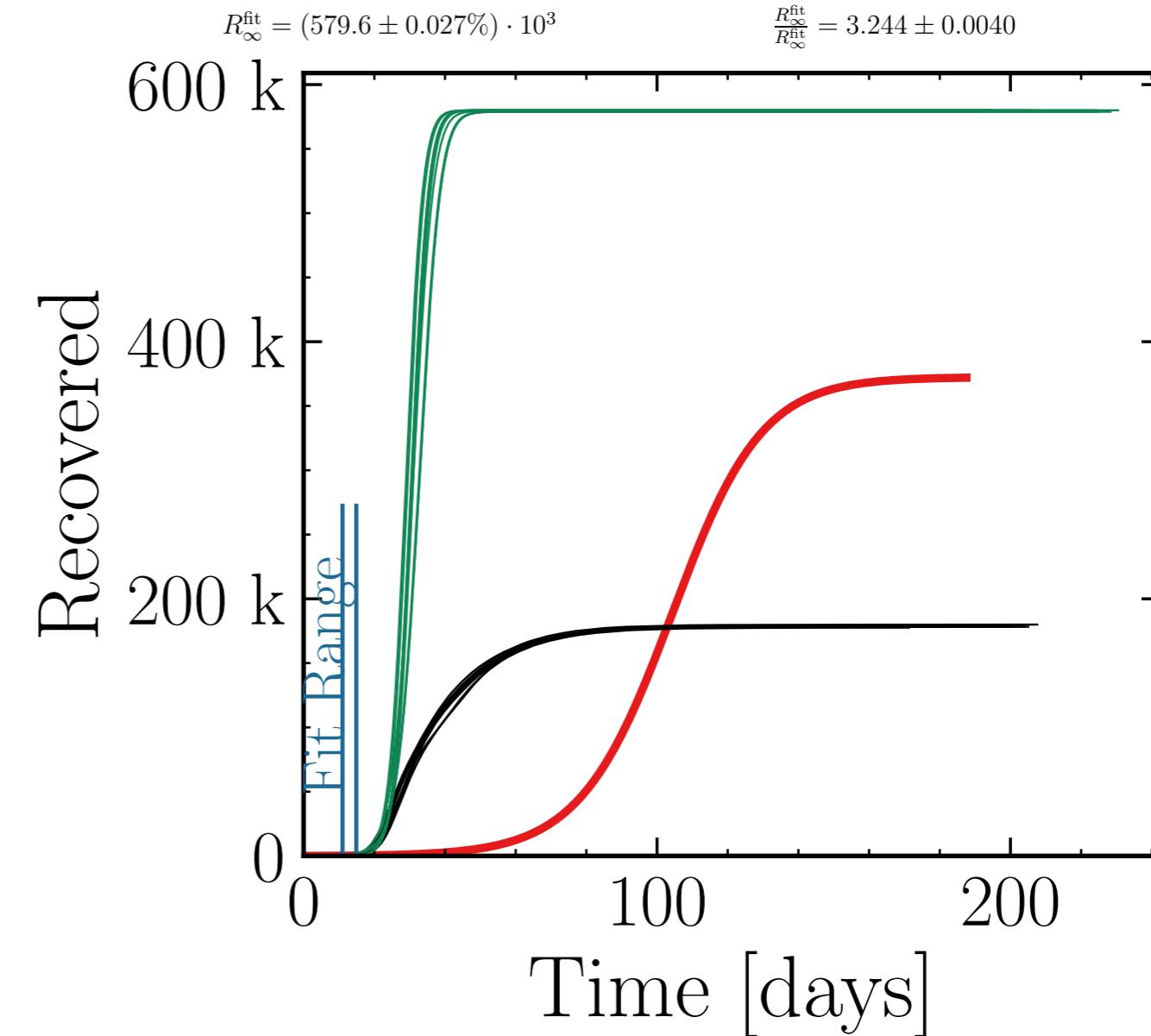
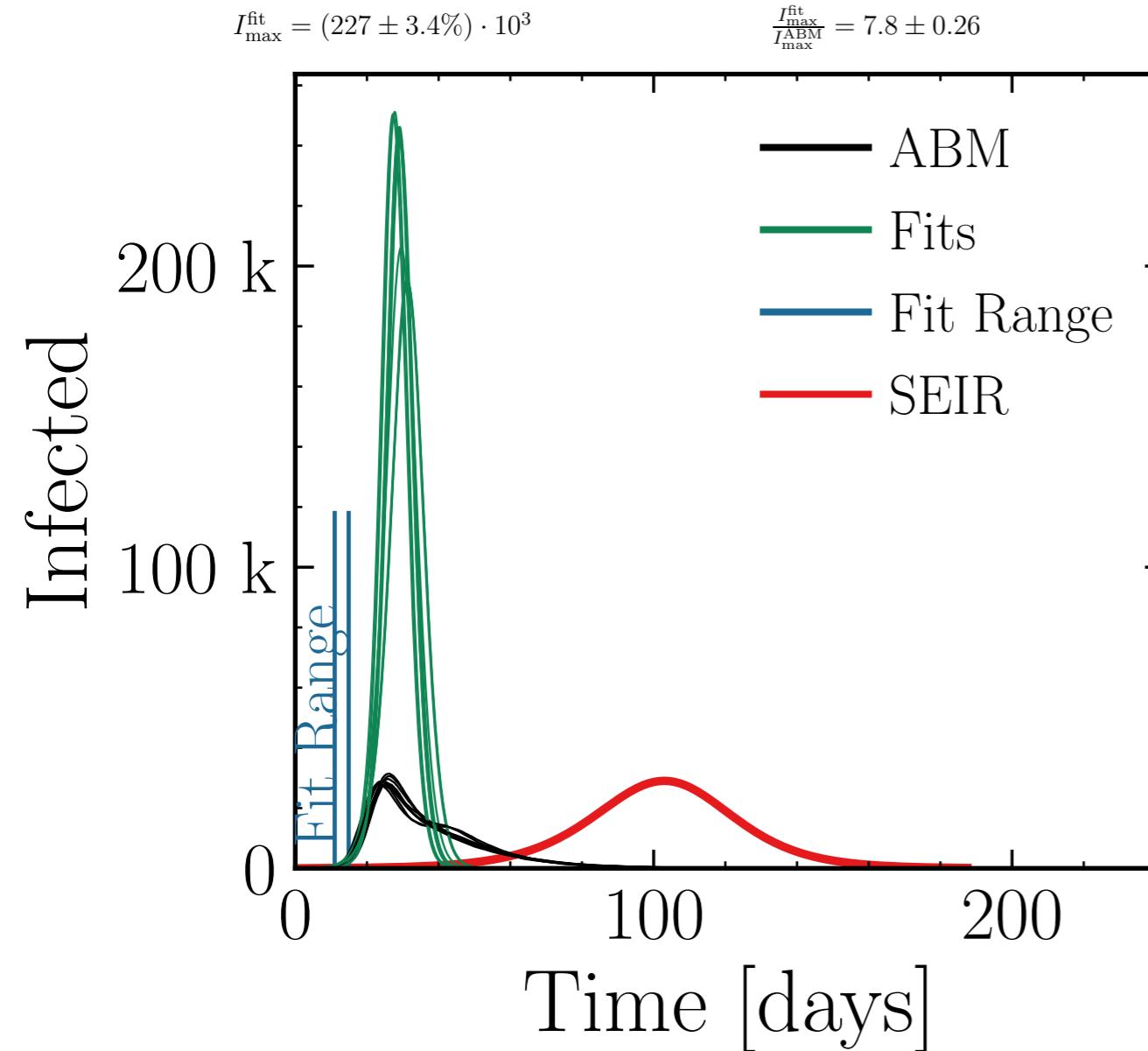
$N_{\text{tot}} = 580K$ ,  $\rho = 0.3$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f7fc9771b4, #10



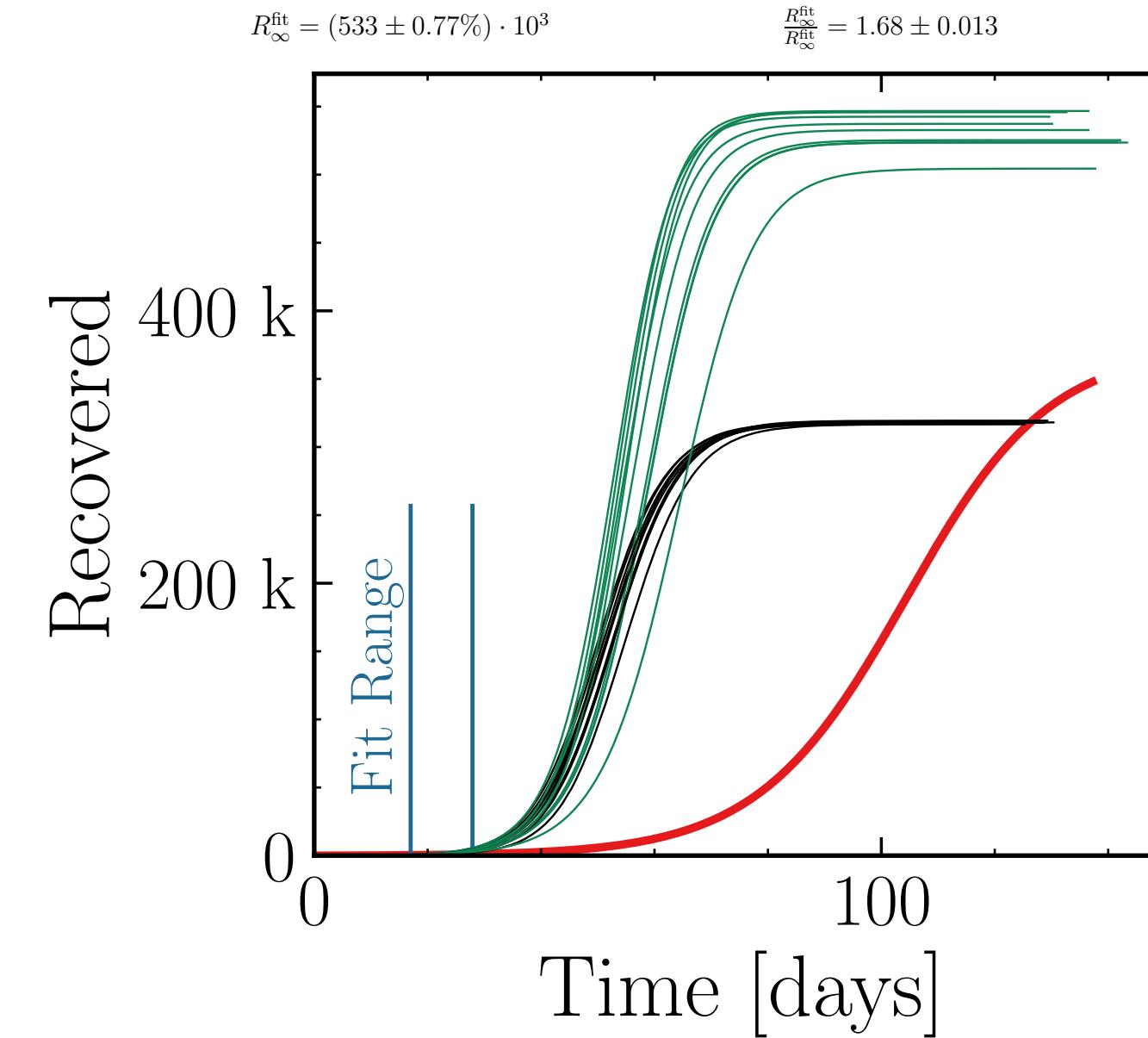
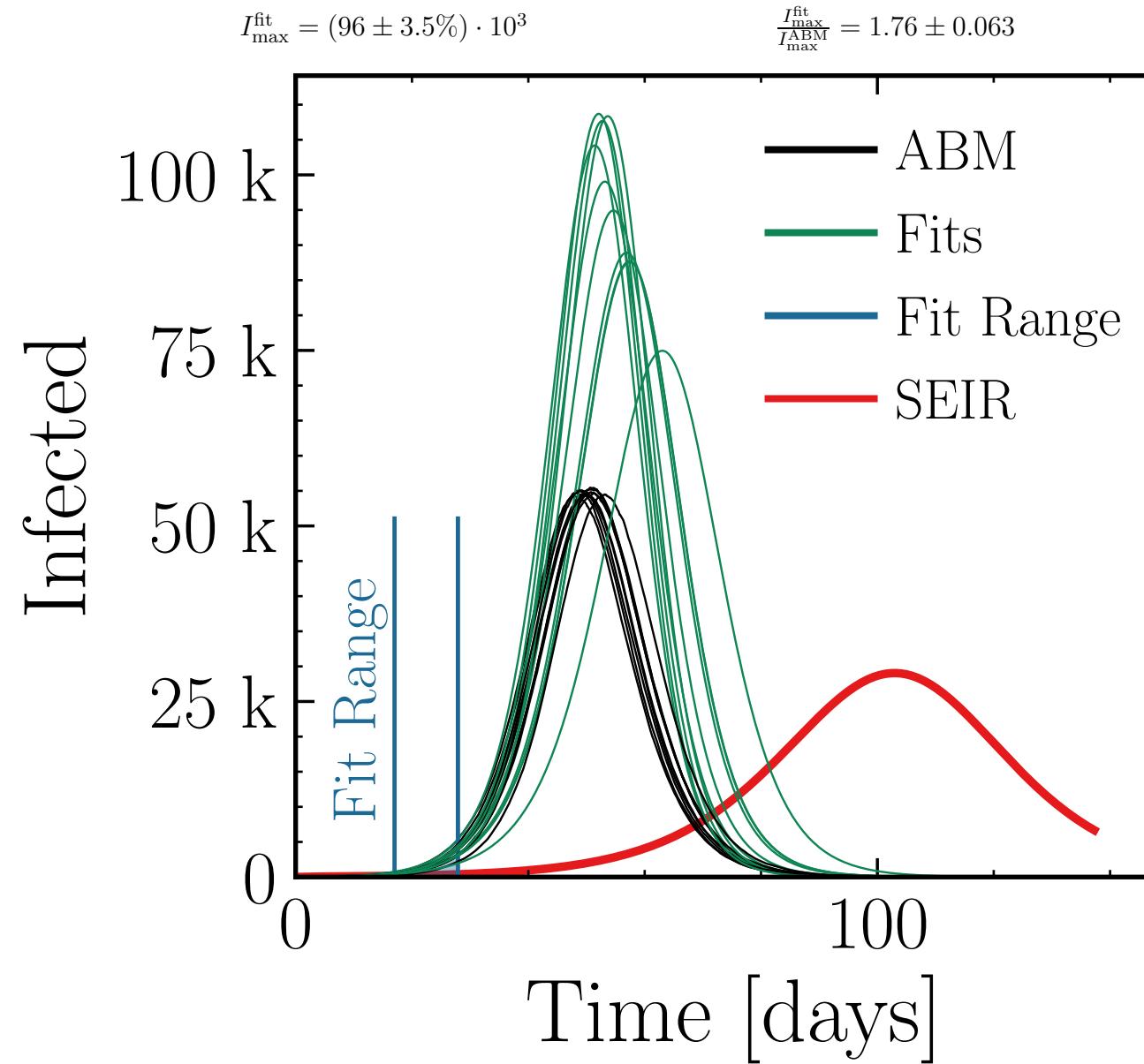
$N_{\text{tot}} = 580K$ ,  $\rho = 0.4$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0fbc583a46, #10



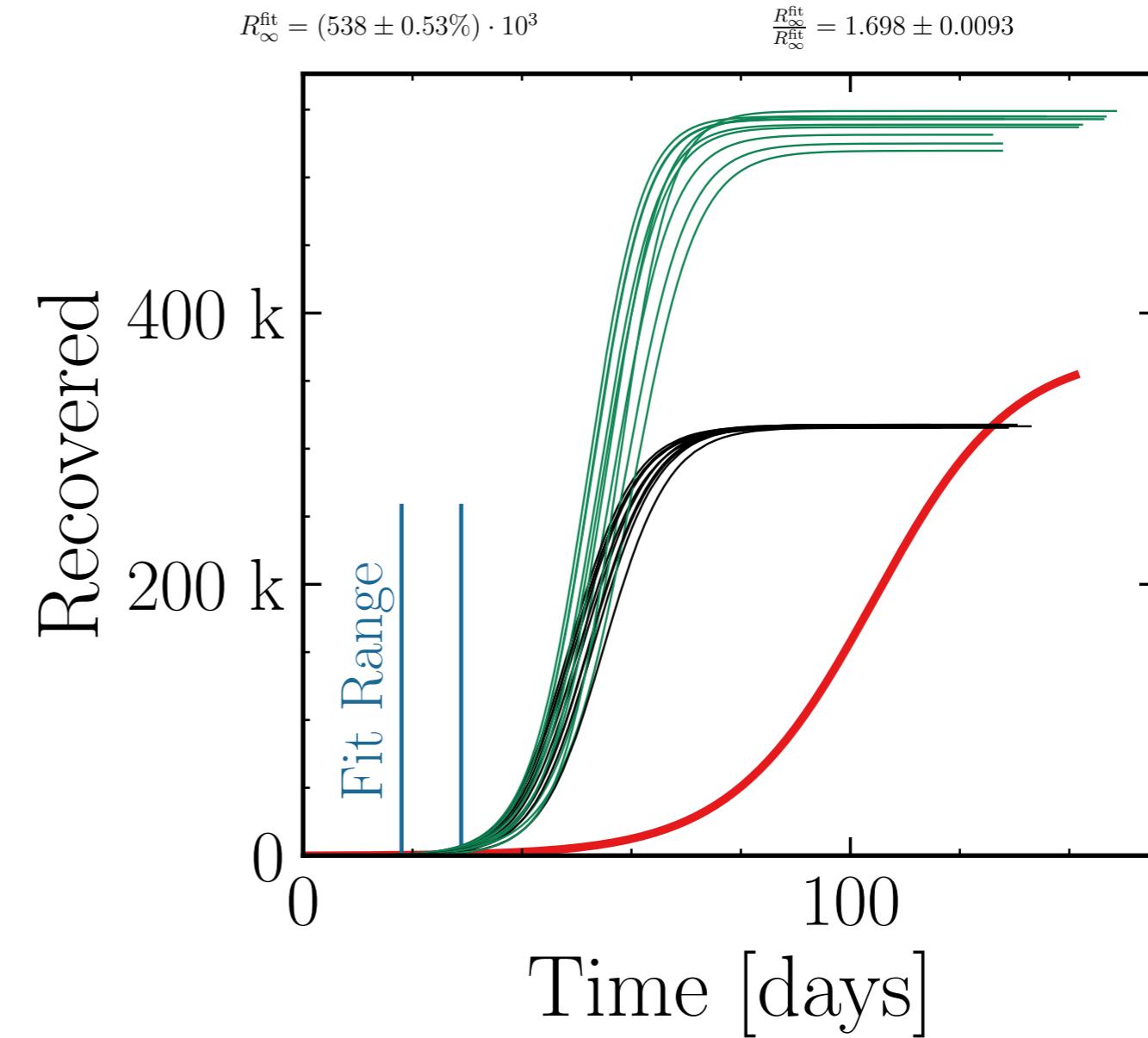
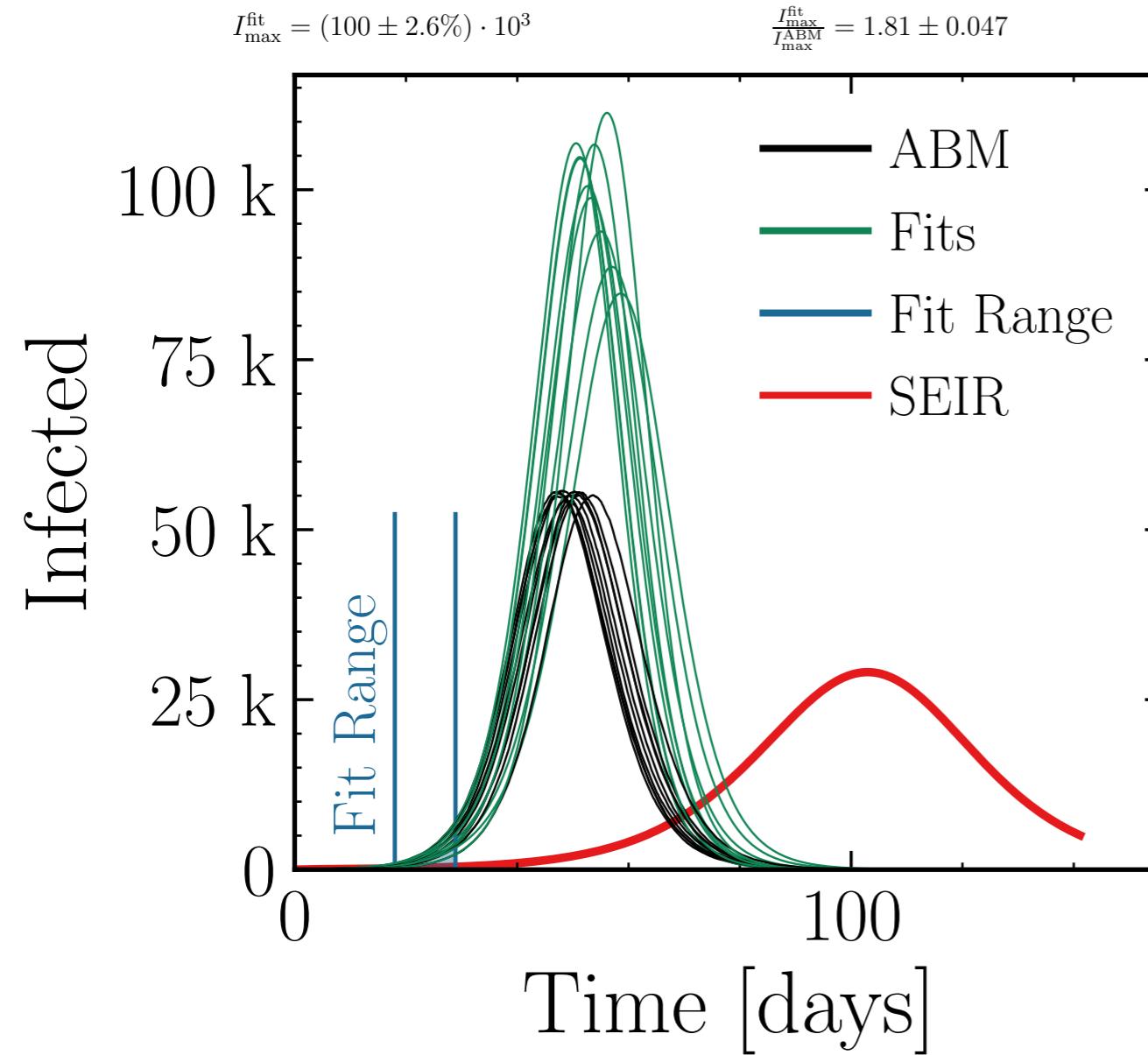
$N_{\text{tot}} = 580K$ ,  $\rho = 0.5$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b8a588c00b, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d6a84718a3, #10

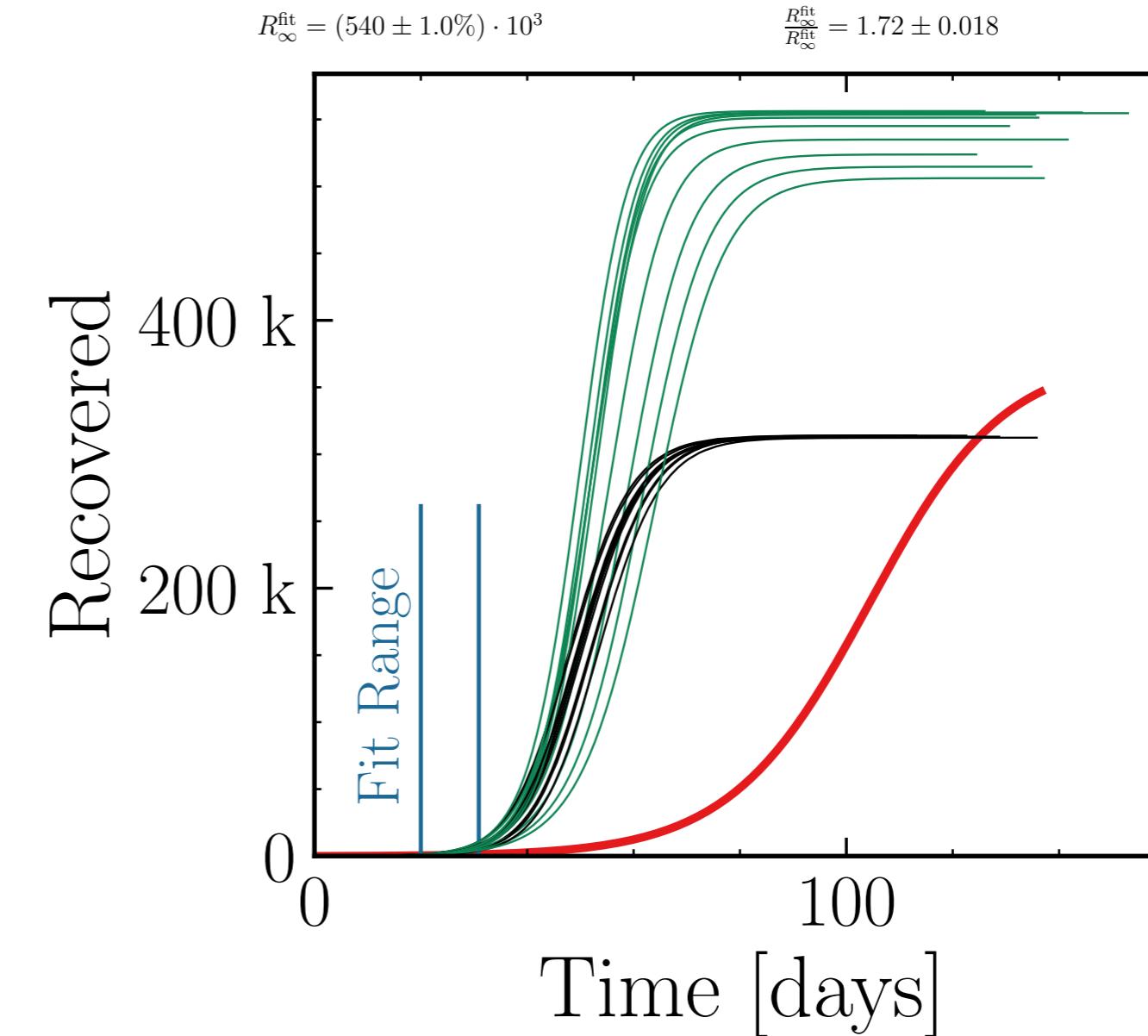
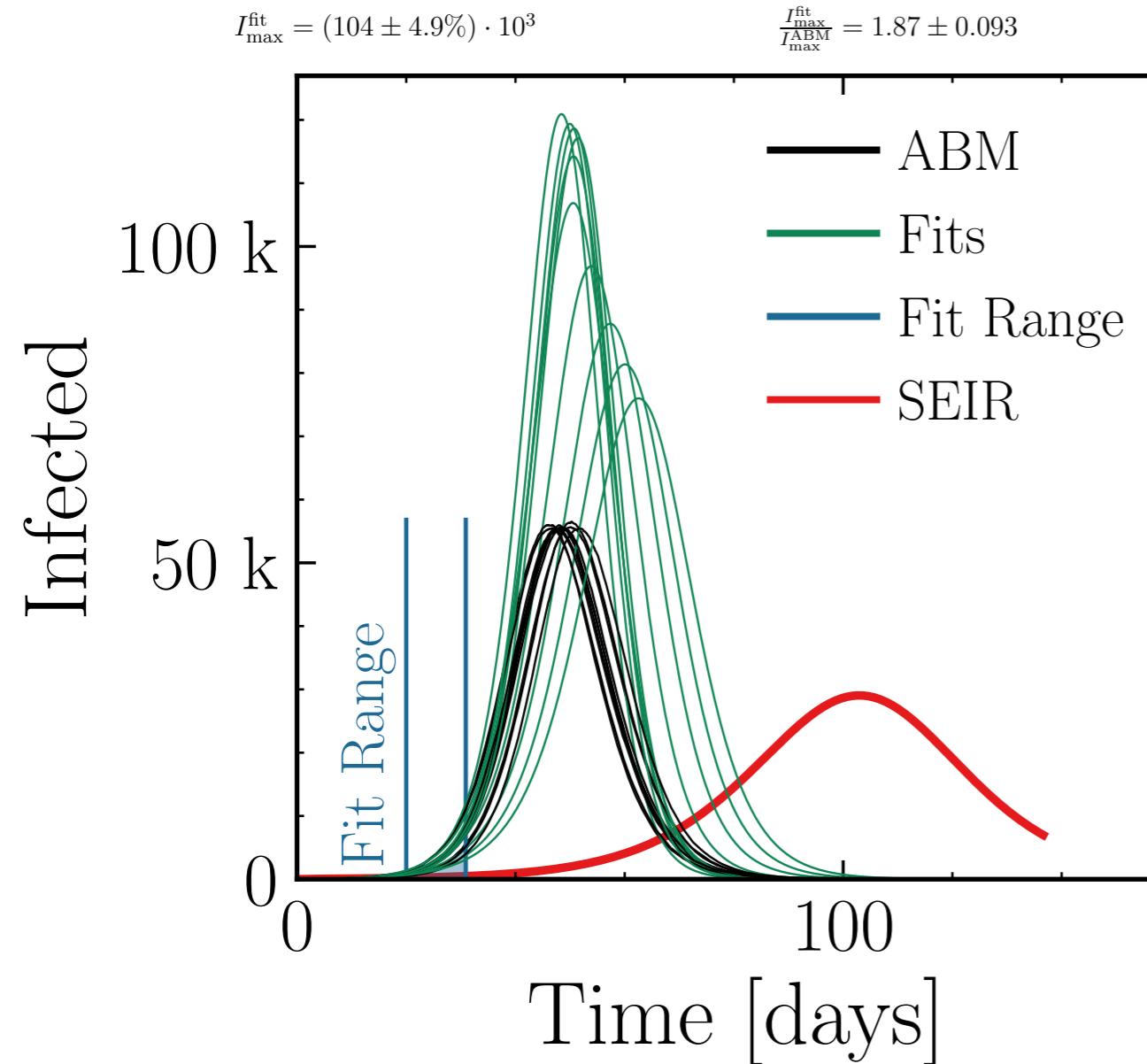


$N_{\text{tot}} = 580K$ ,  $\rho = 0.005$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{retry}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6c7cb0cdbd, #10

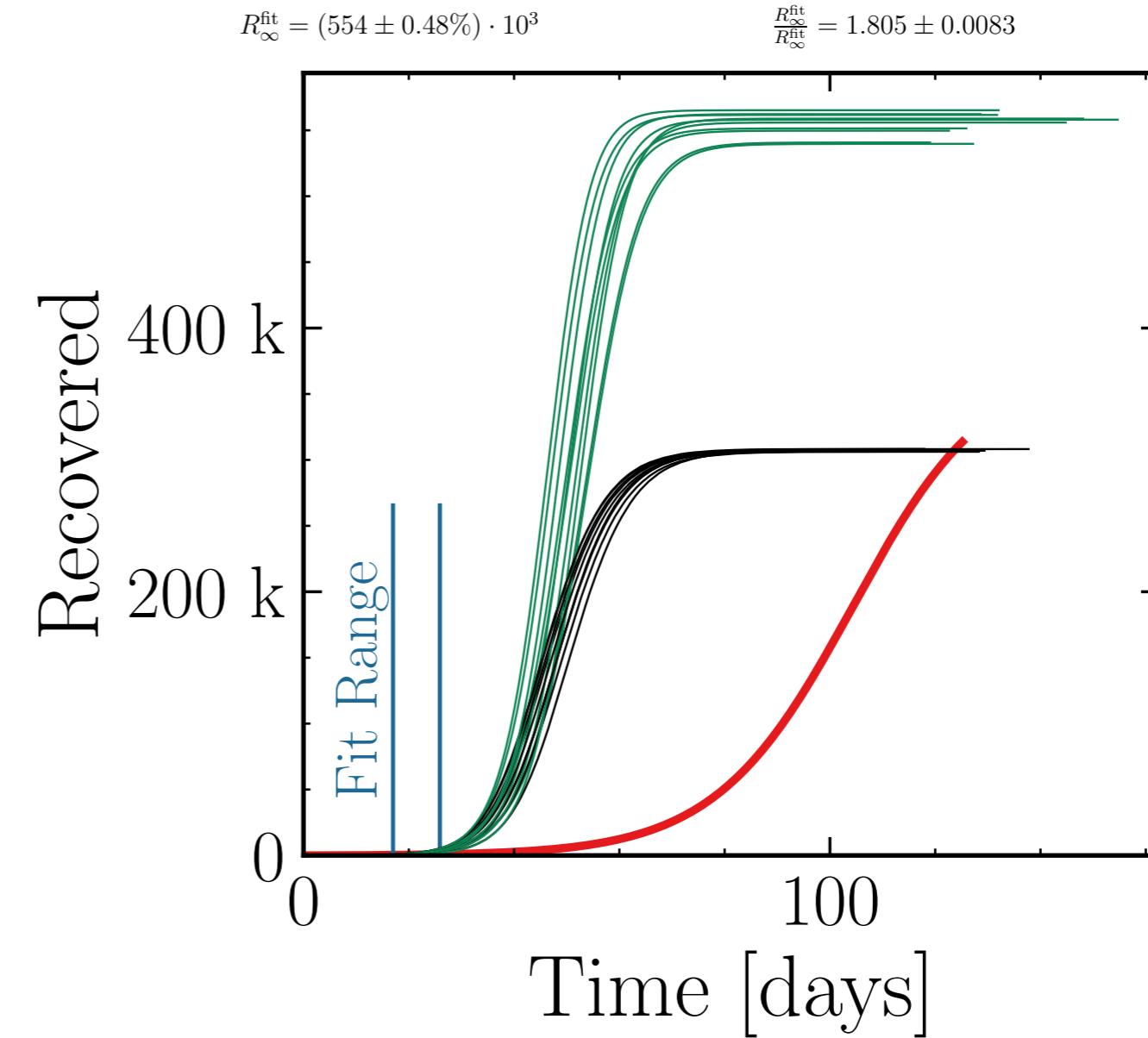
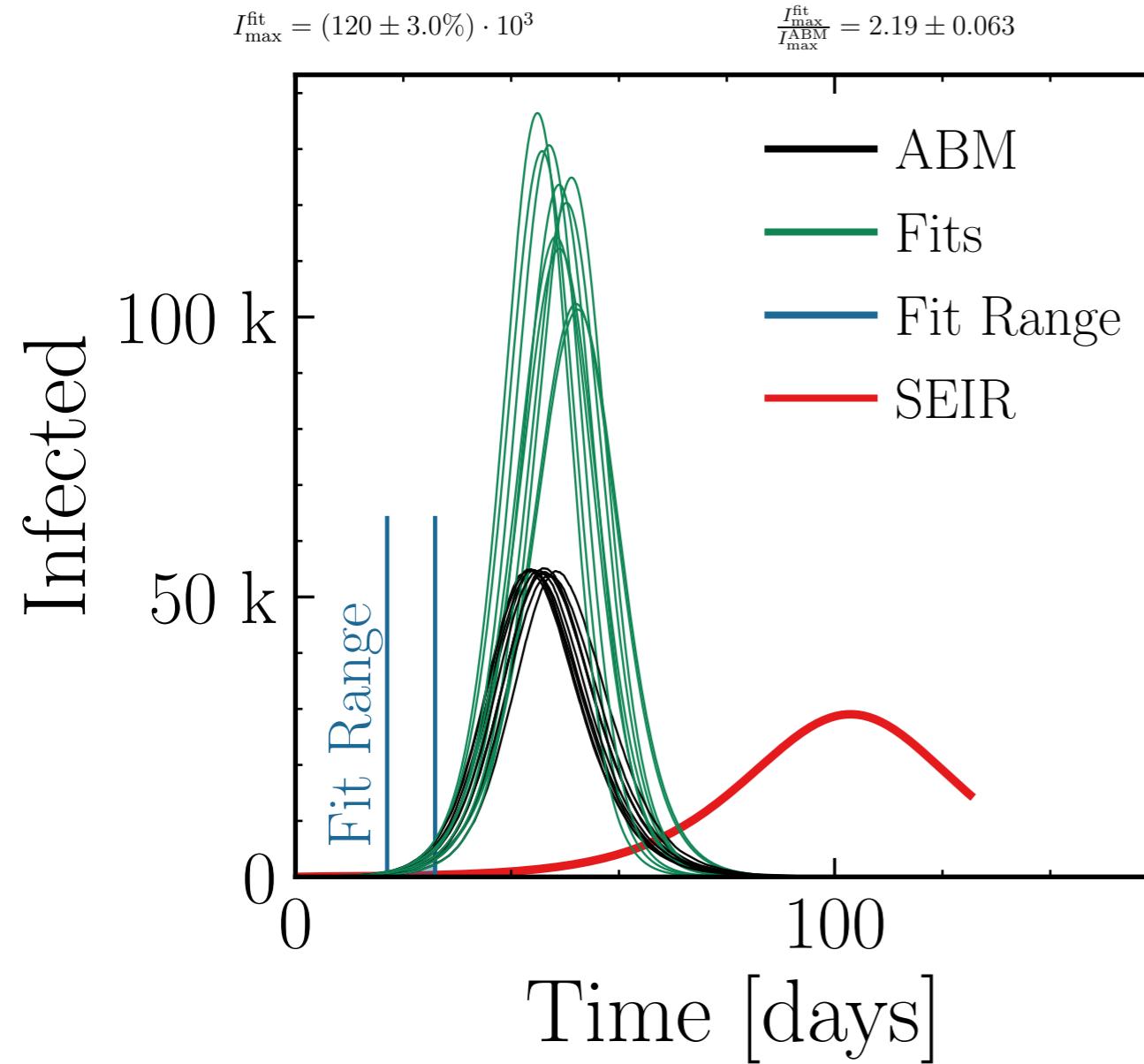


$N_{\text{tot}} = 580K$ ,  $\rho = 0.01$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

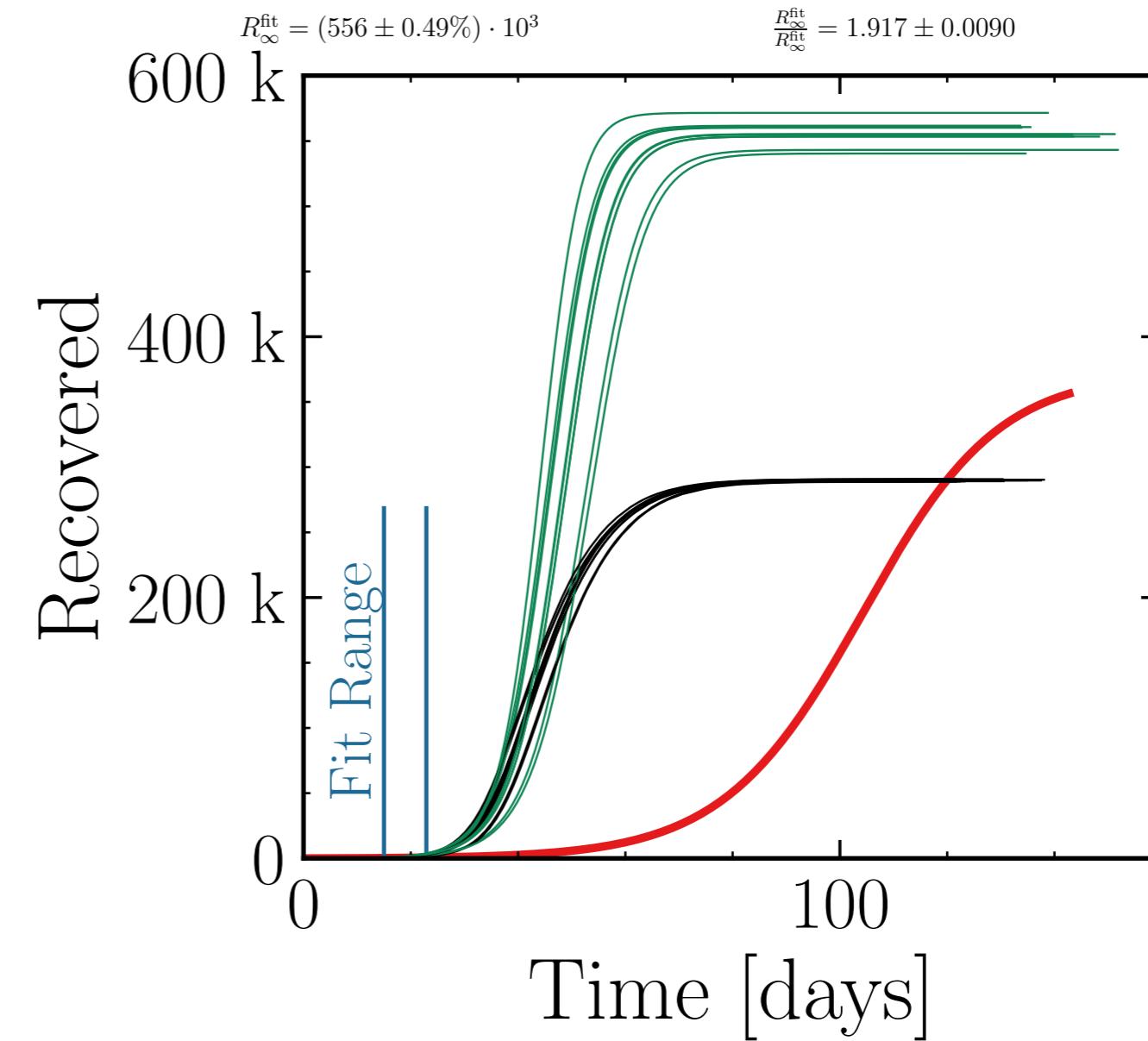
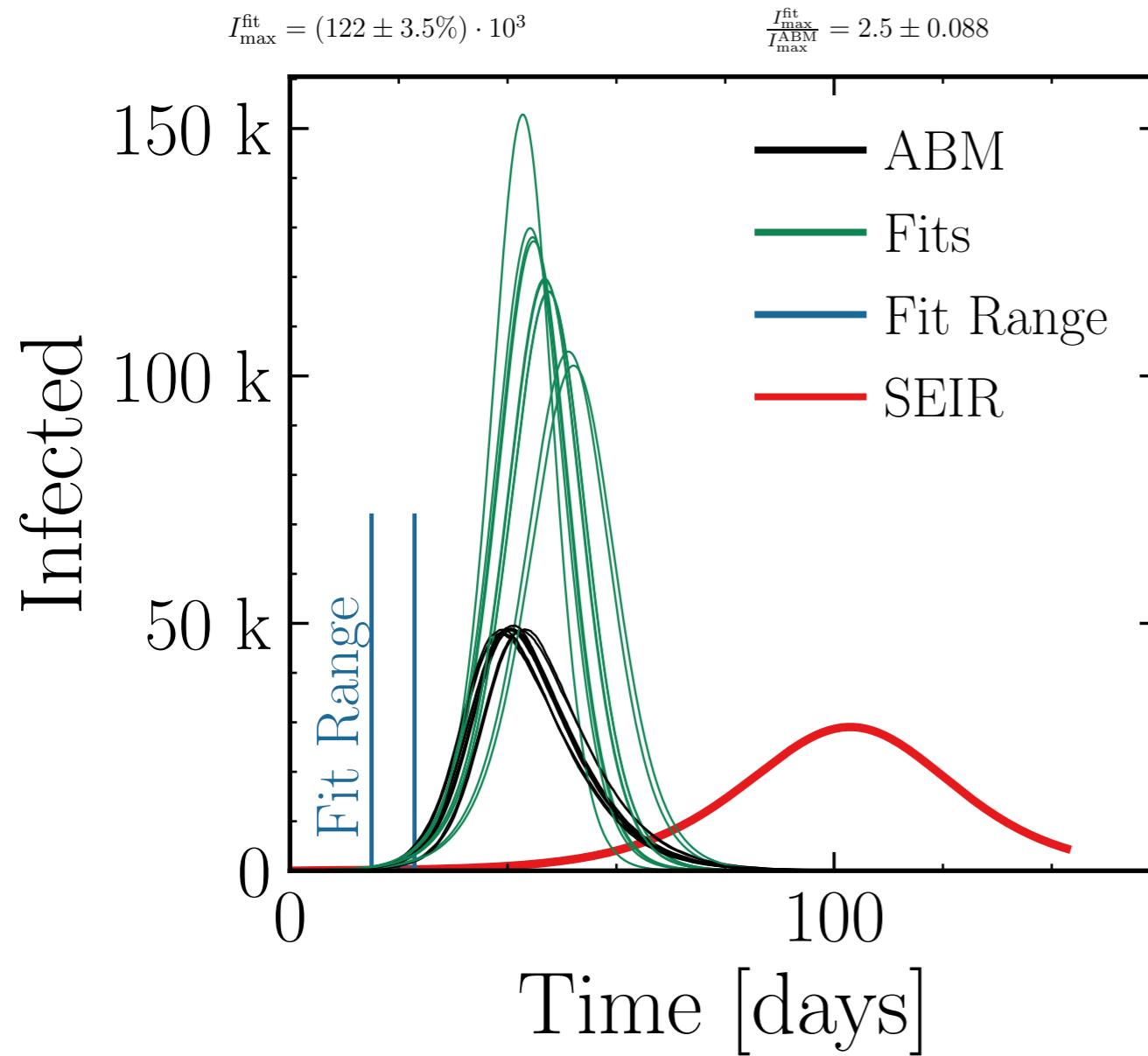
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 8ed46ae266, #10



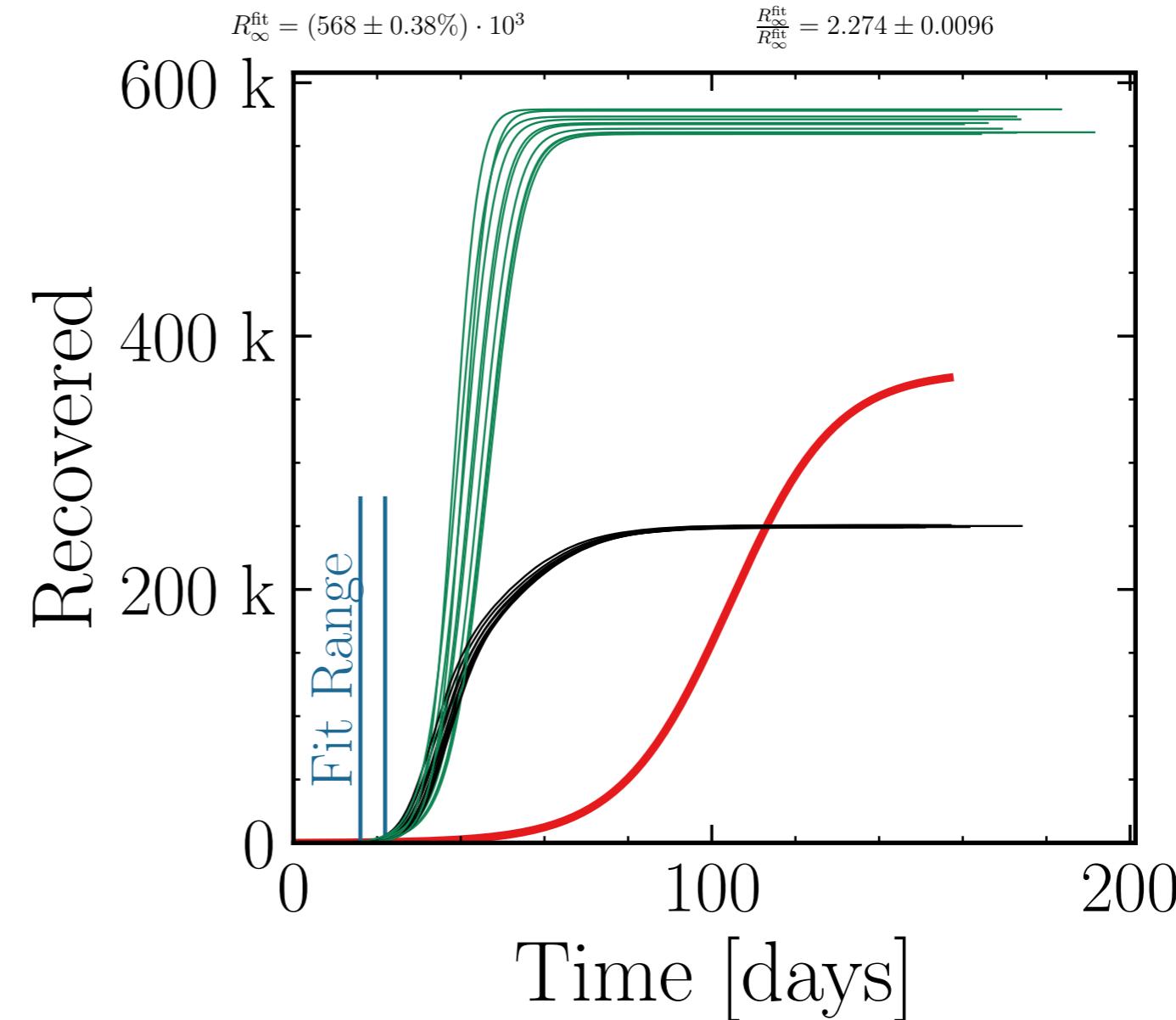
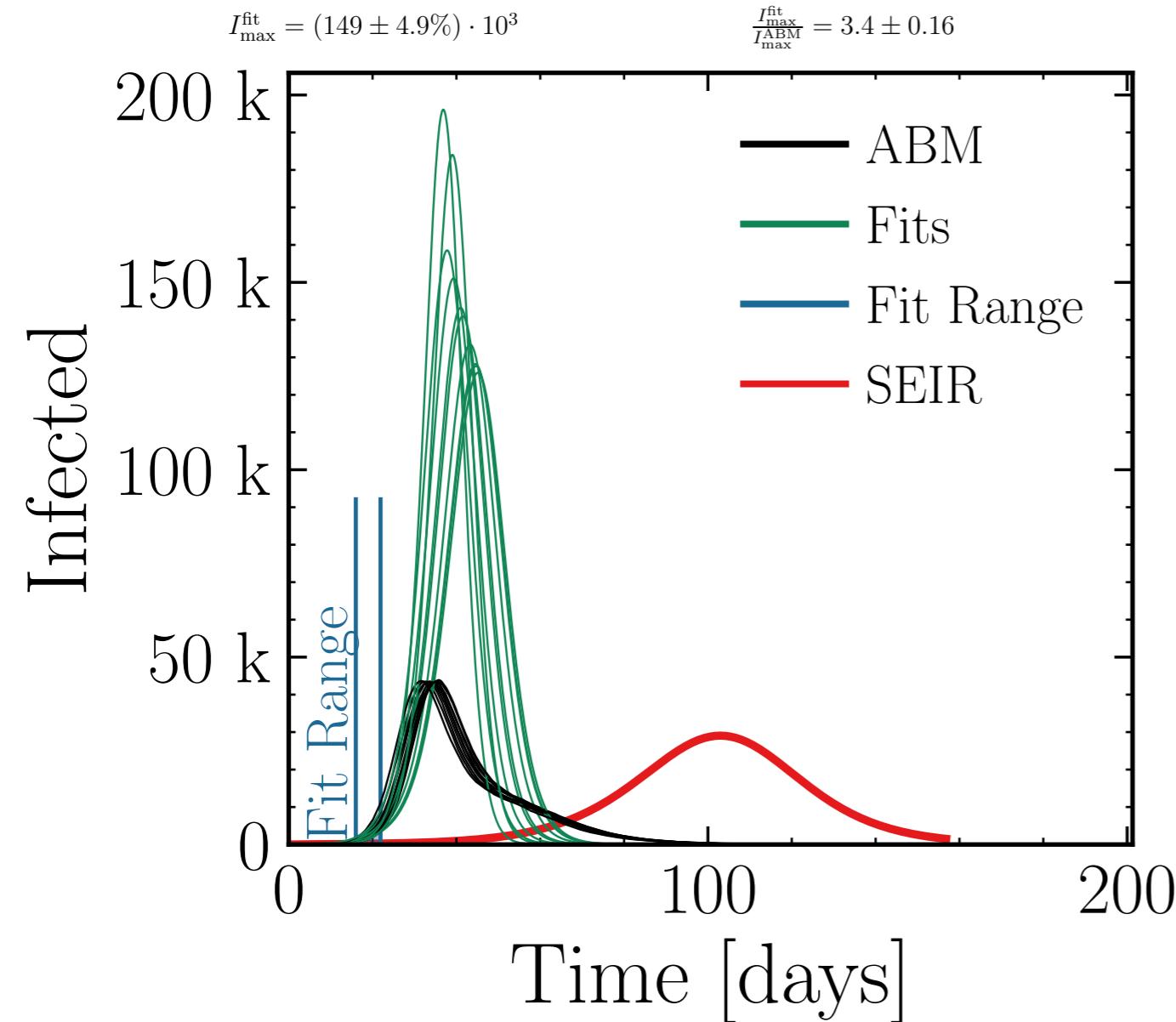
$N_{\text{tot}} = 580K$ ,  $\rho = 0.015$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = bc80e5fab4, #10



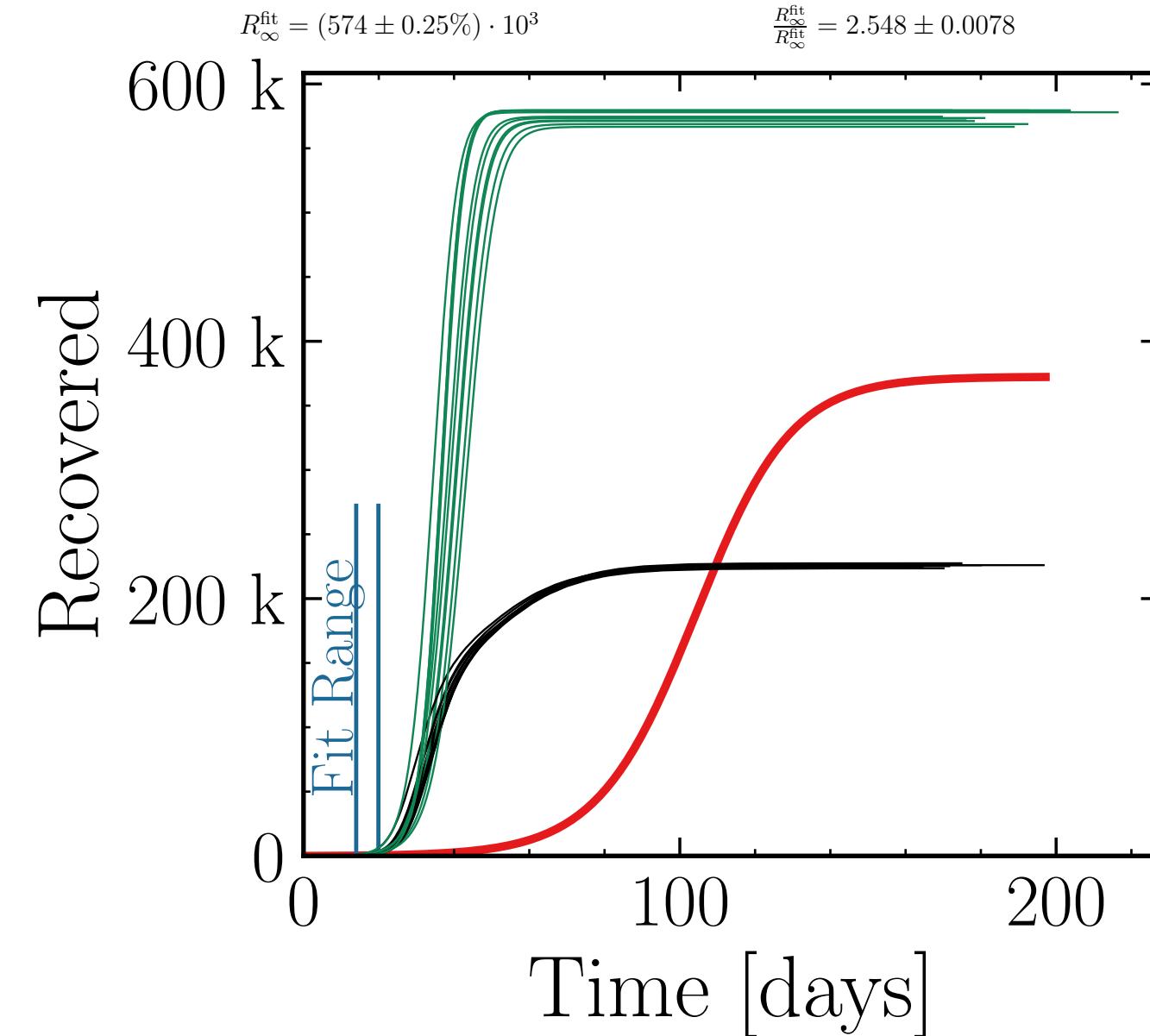
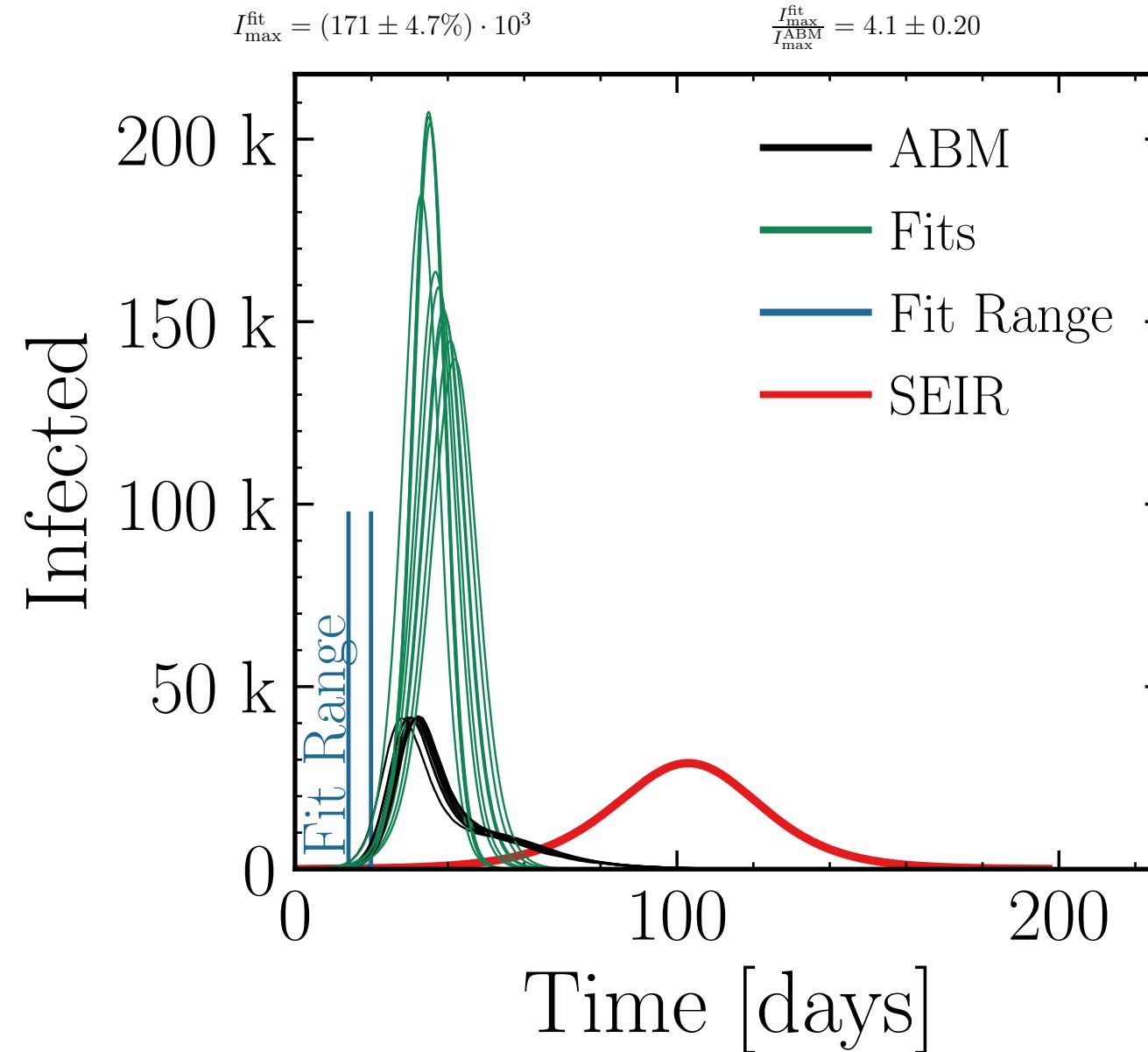
$N_{\text{tot}} = 580K$ ,  $\rho = 0.025$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 3d9b683bdf, #10



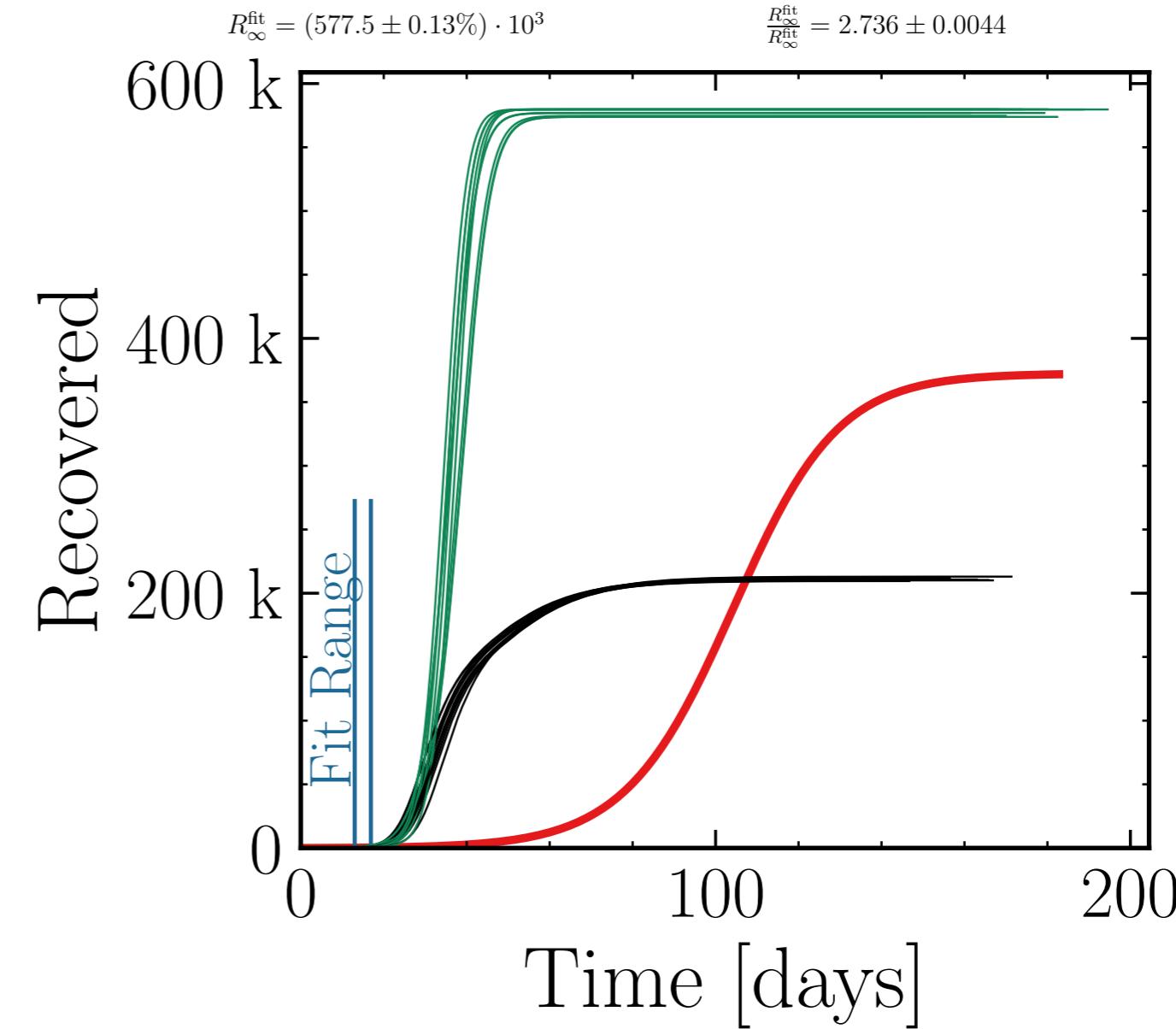
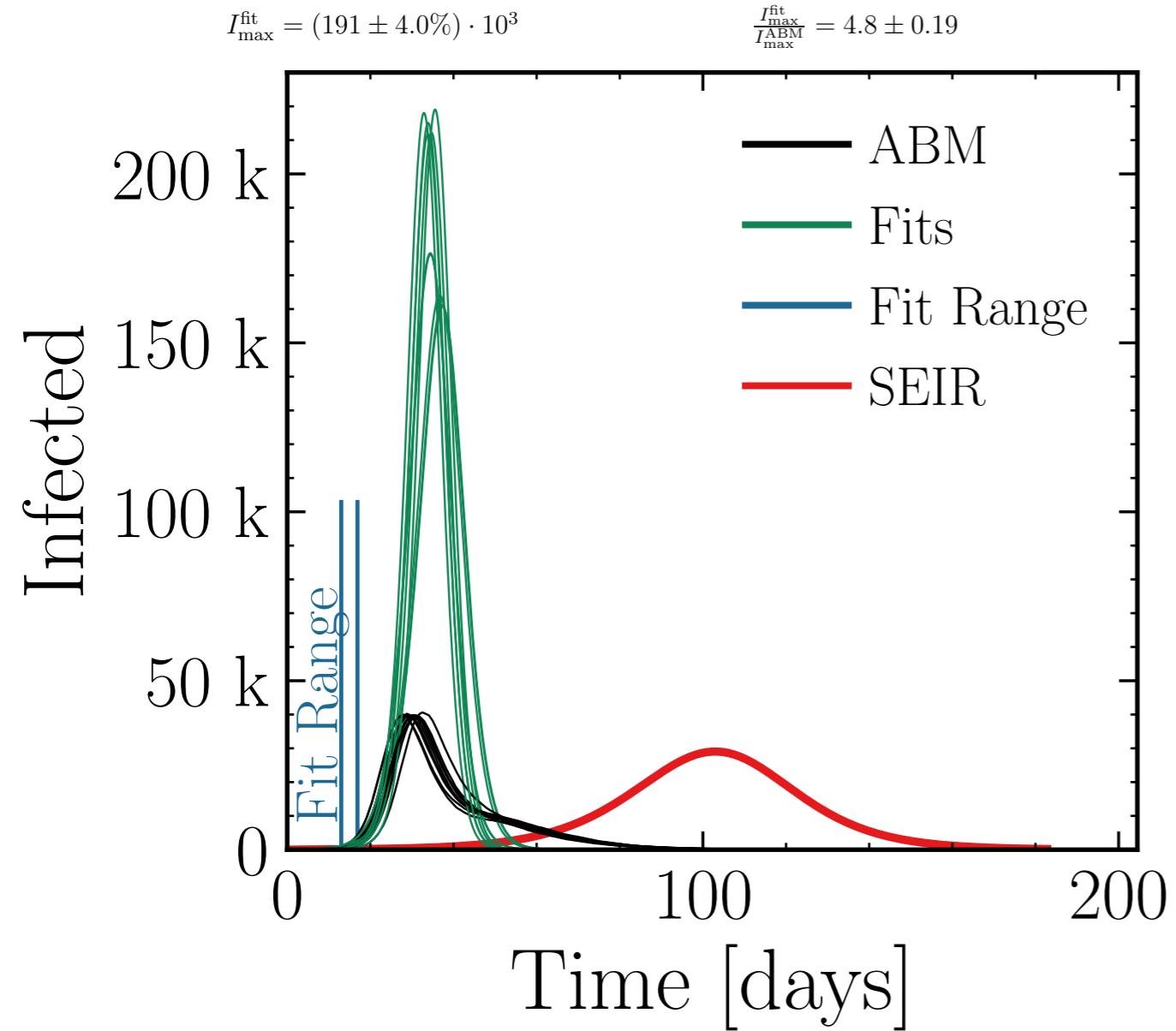
$N_{\text{tot}} = 580K$ ,  $\rho = 0.05$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f466e8f72c, #10



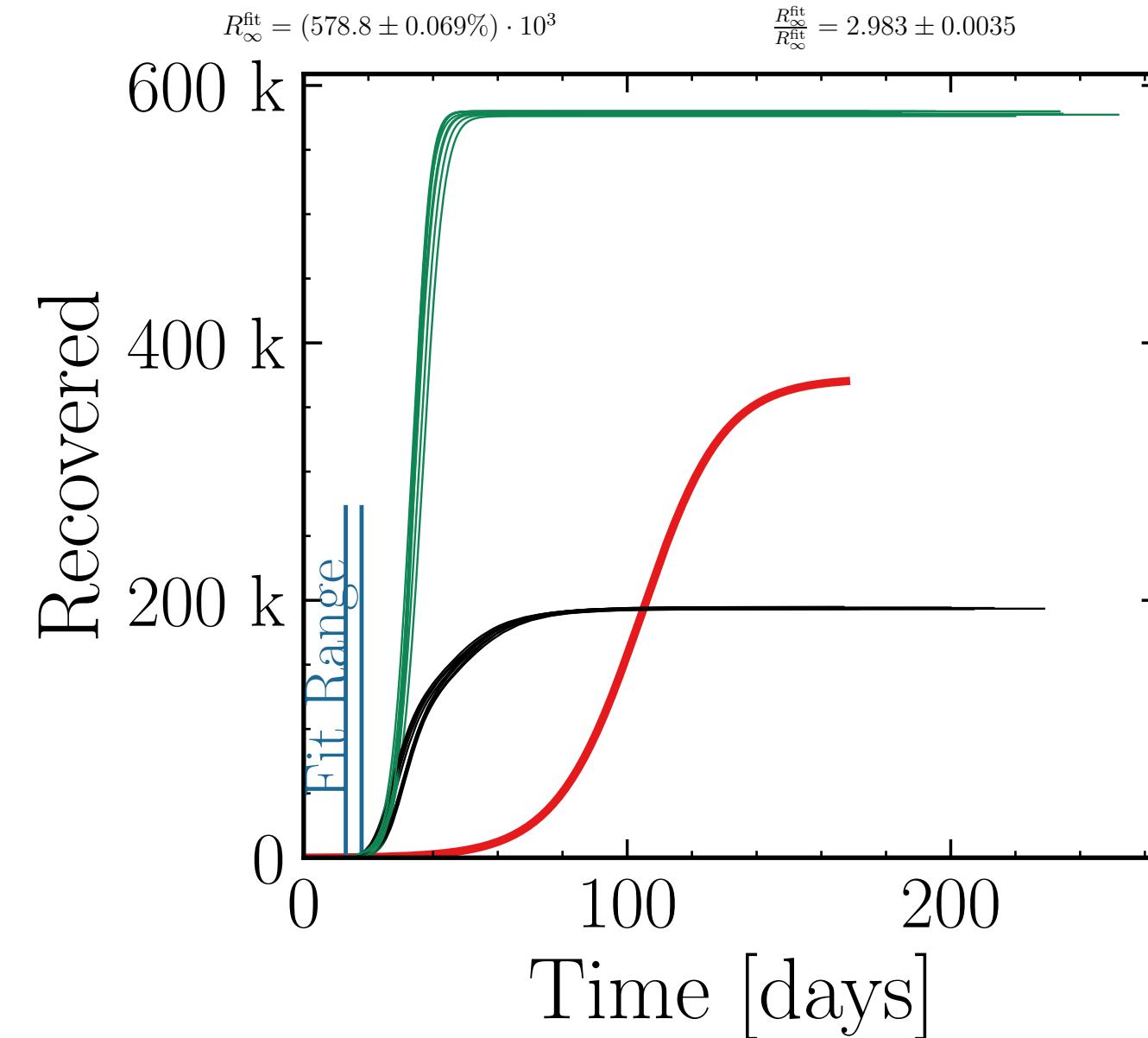
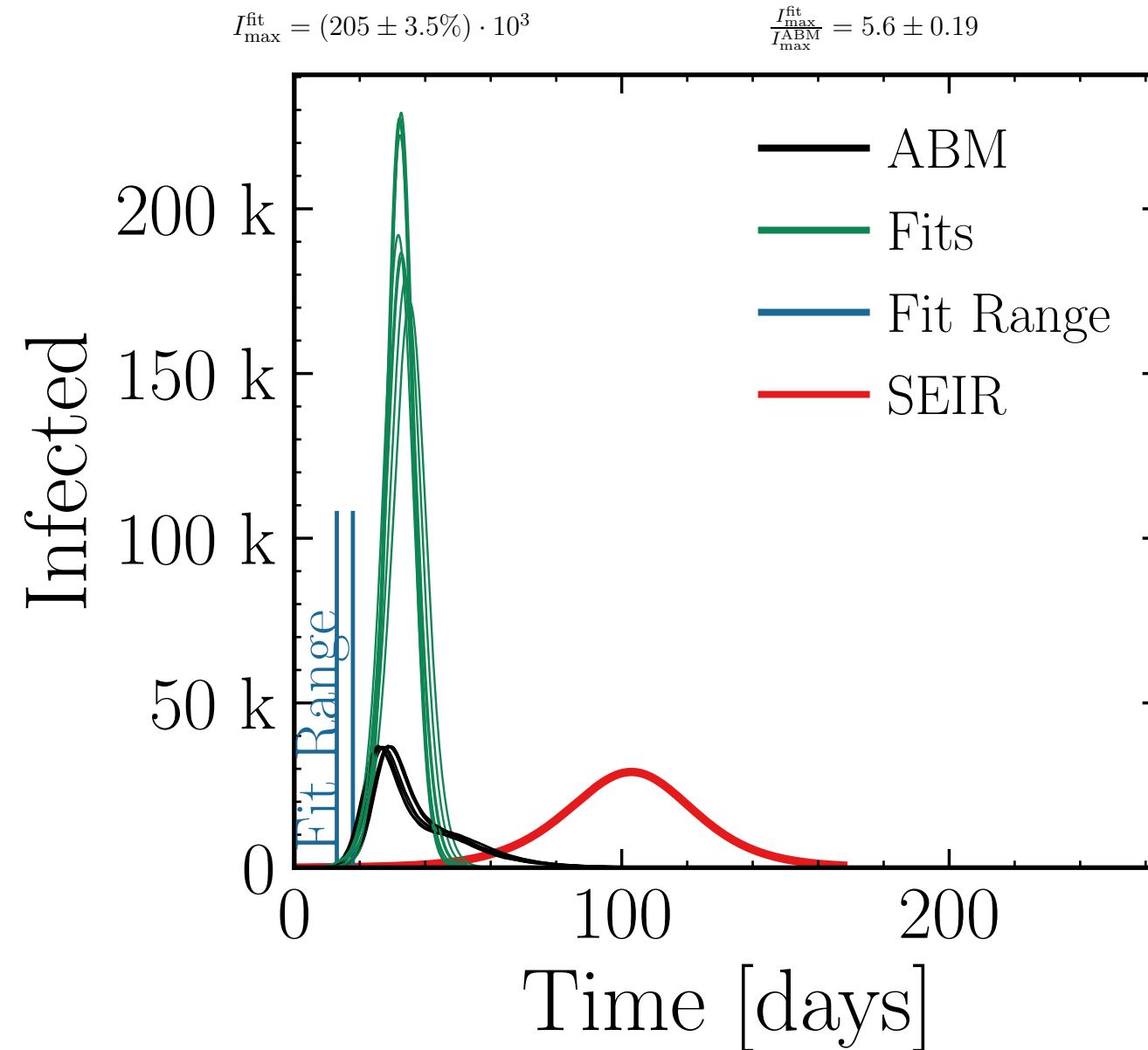
$N_{\text{tot}} = 580K$ ,  $\rho = 0.075$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{retry}} = 0$ ,  $N_{\text{events}} = 0$ , event\_size<sub>max</sub> = 580K, v. = 1.0, hash = 1c1721109b, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 328e9270fb, #10

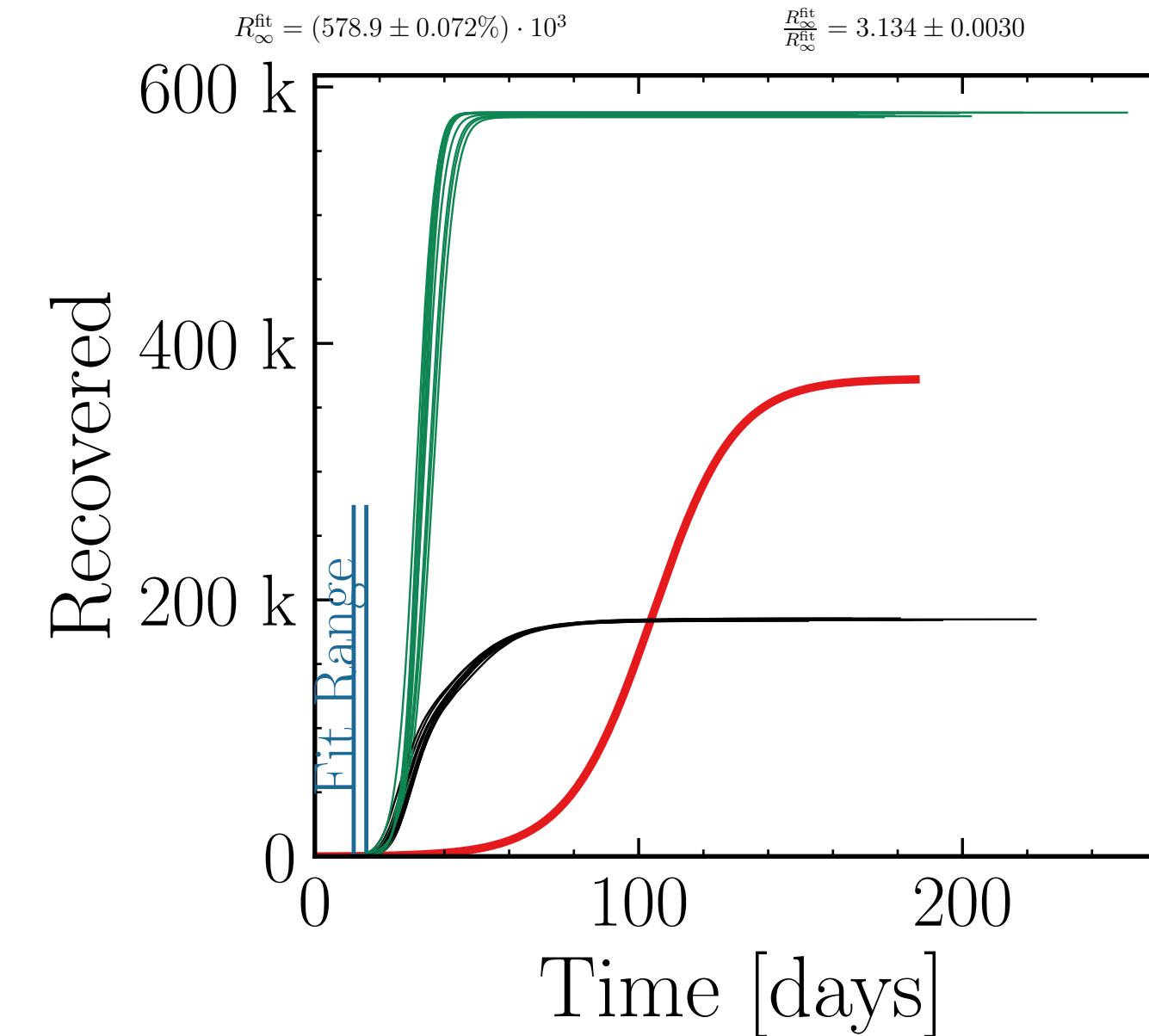
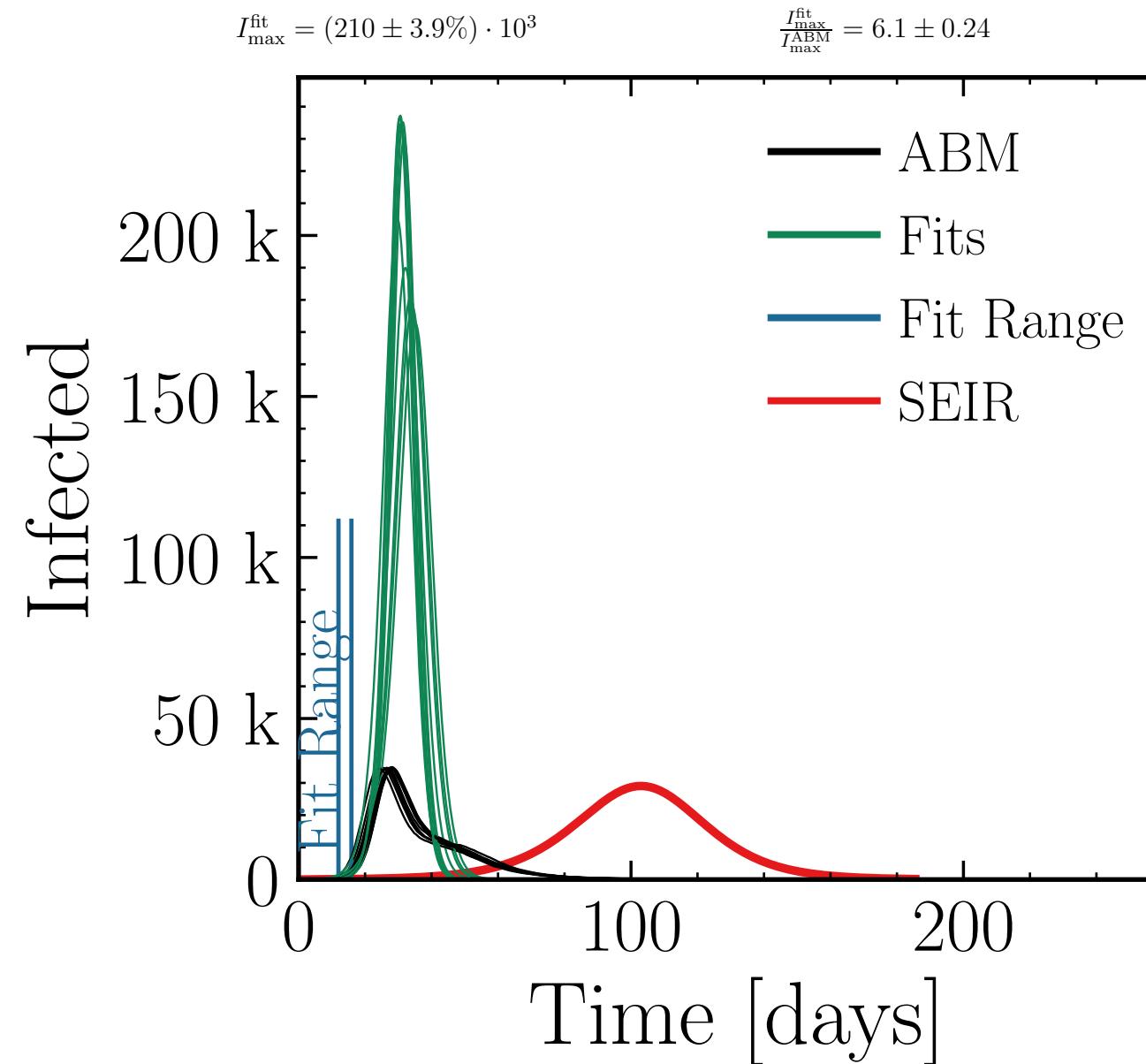


$N_{\text{tot}} = 580K$ ,  $\rho = 0.15$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 77064b4ec8, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.2$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a65ffa05ff, #10

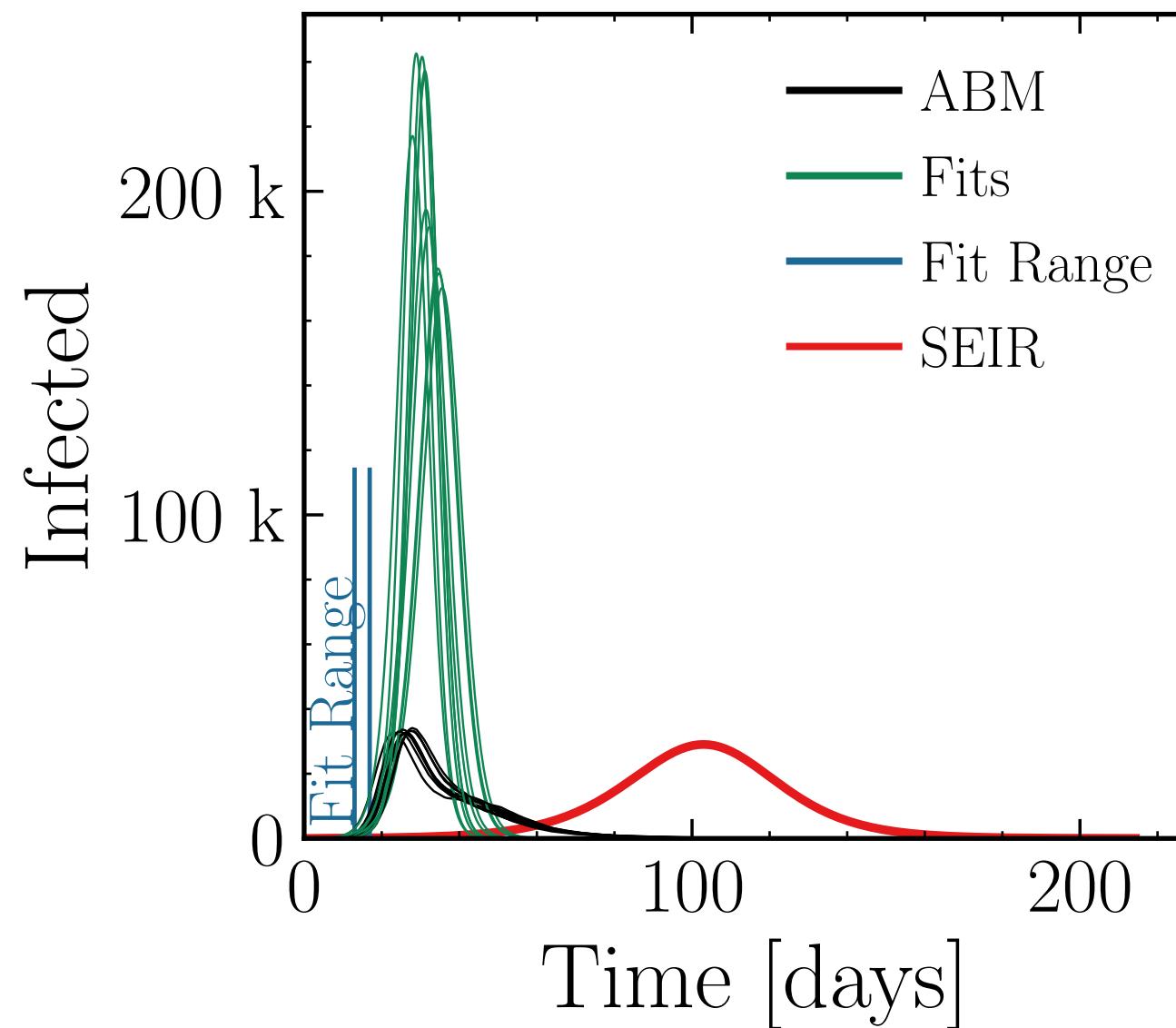


$N_{\text{tot}} = 580K$ ,  $\rho = 0.25$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 93bfaaf3e3e, #10

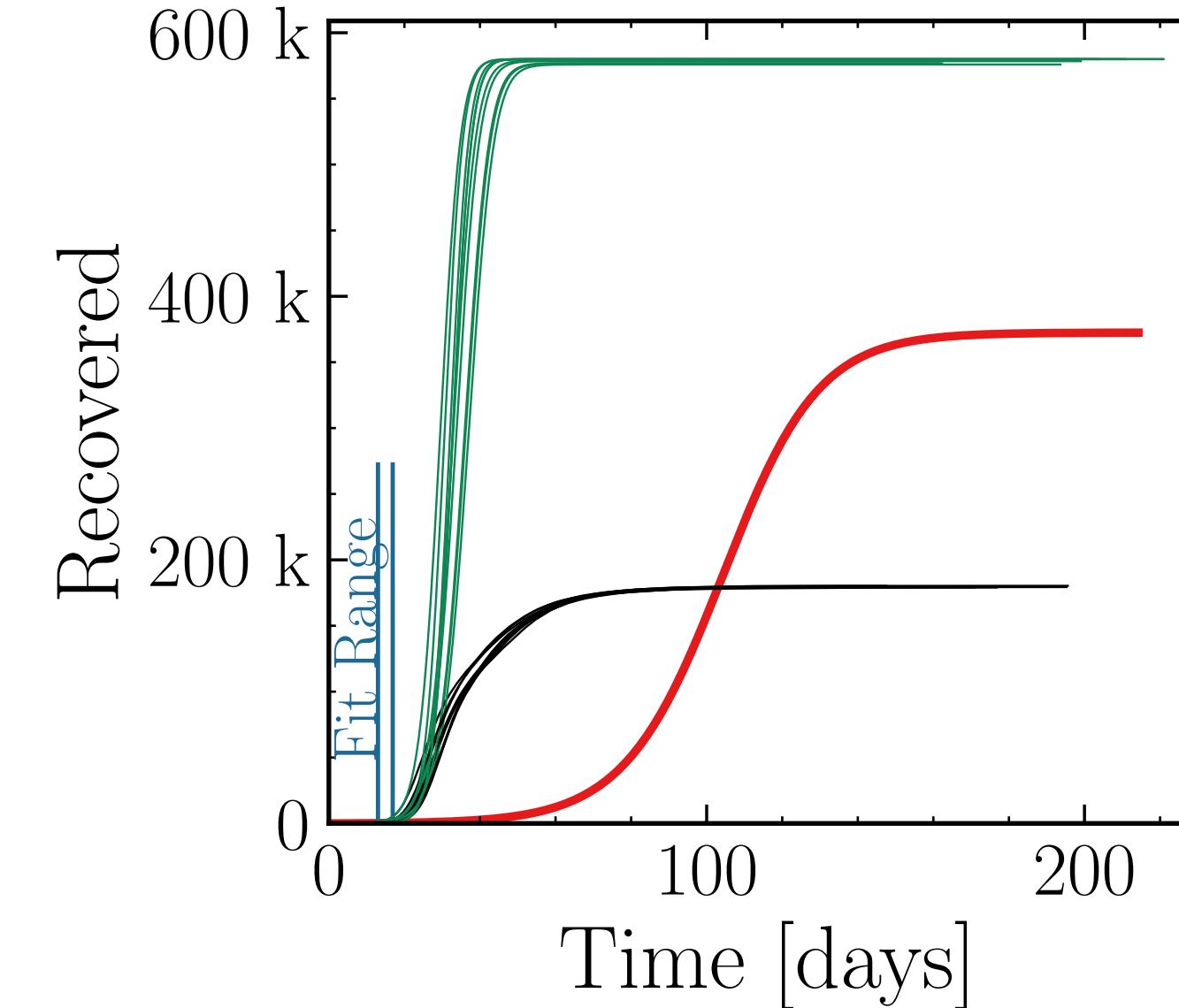
$$I_{\text{max}}^{\text{fit}} = (208 \pm 4.3\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 6.3 \pm 0.26$$

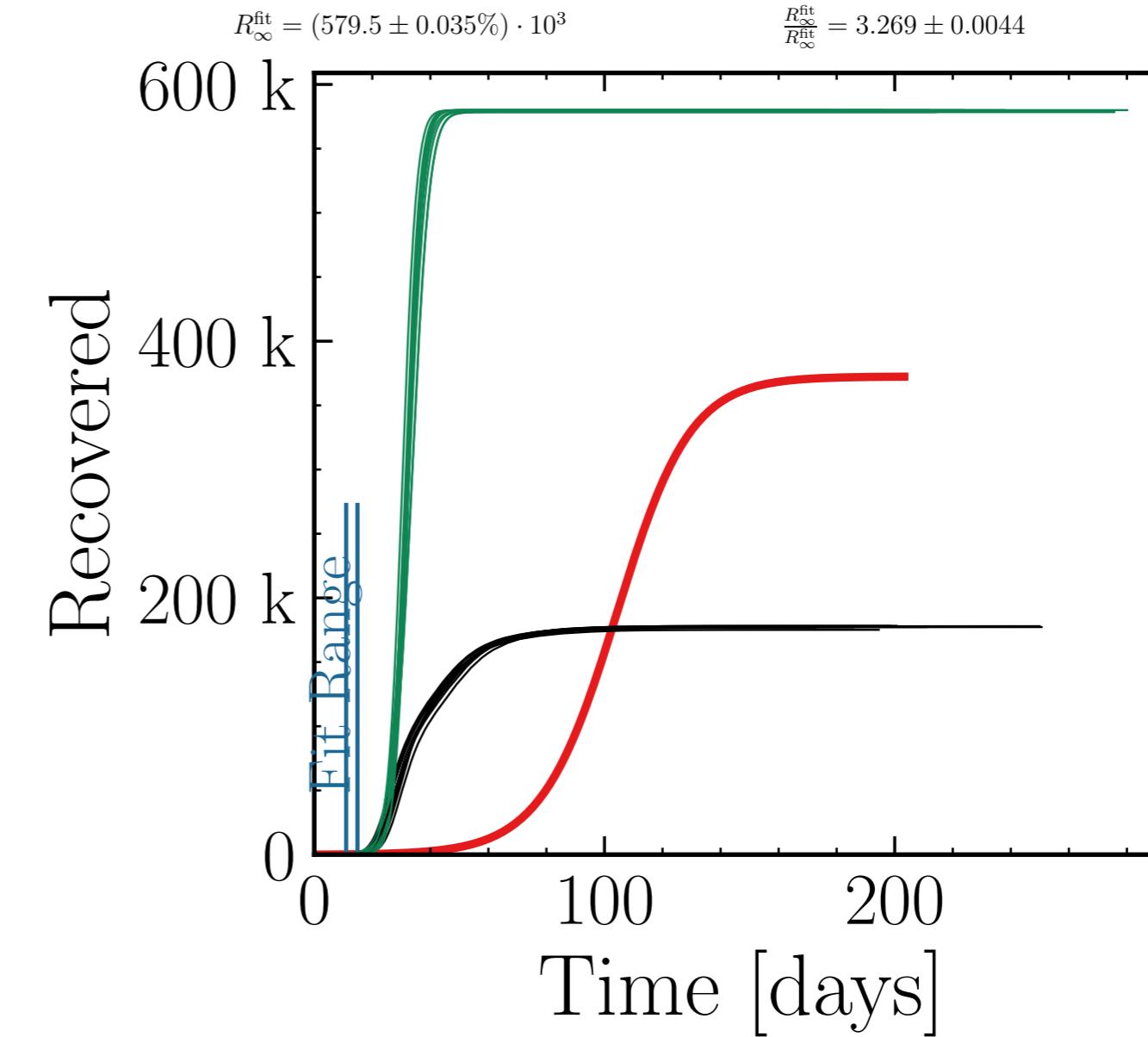
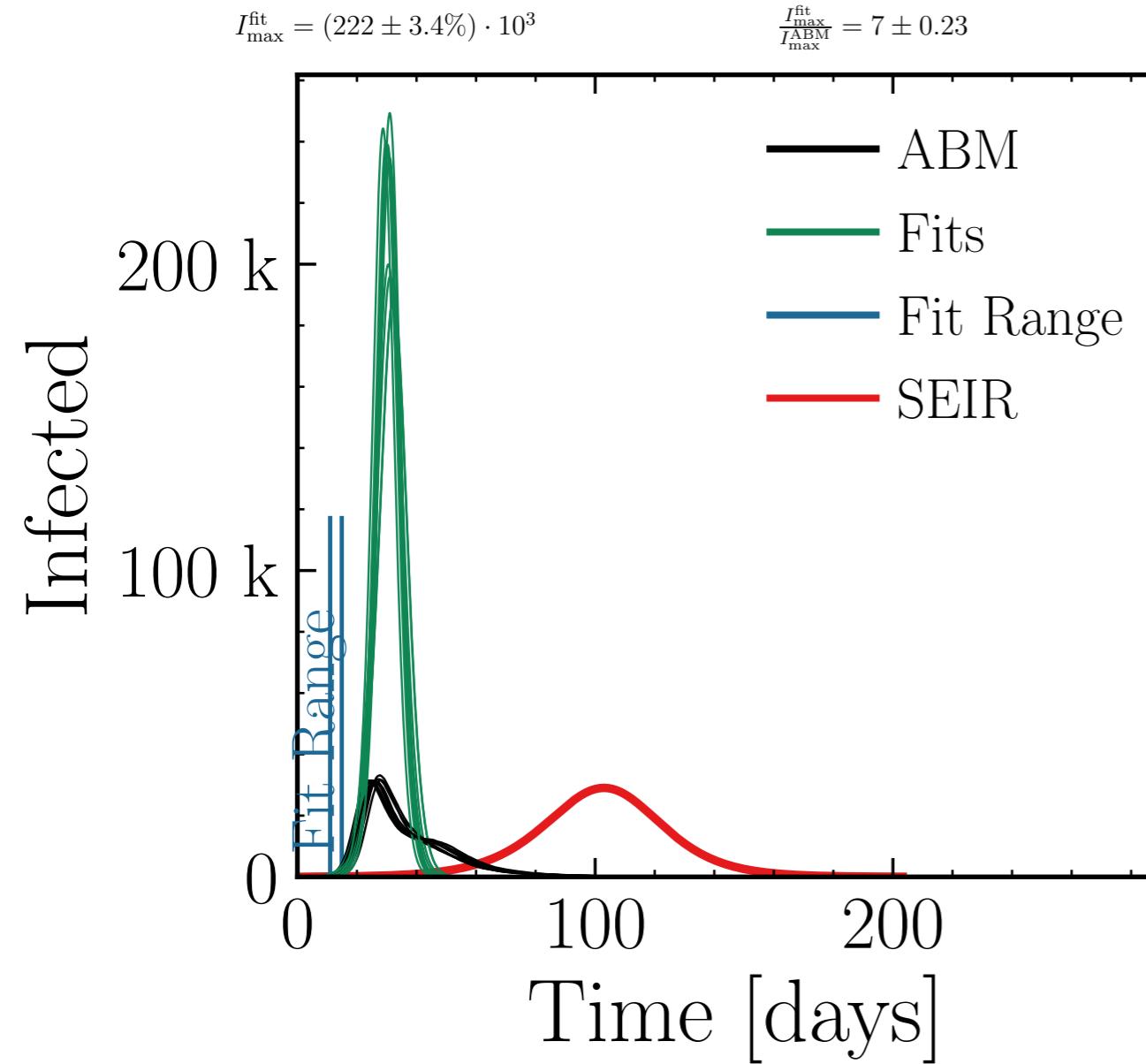


$$R_{\infty}^{\text{fit}} = (578.6 \pm 0.083\%) \cdot 10^3$$

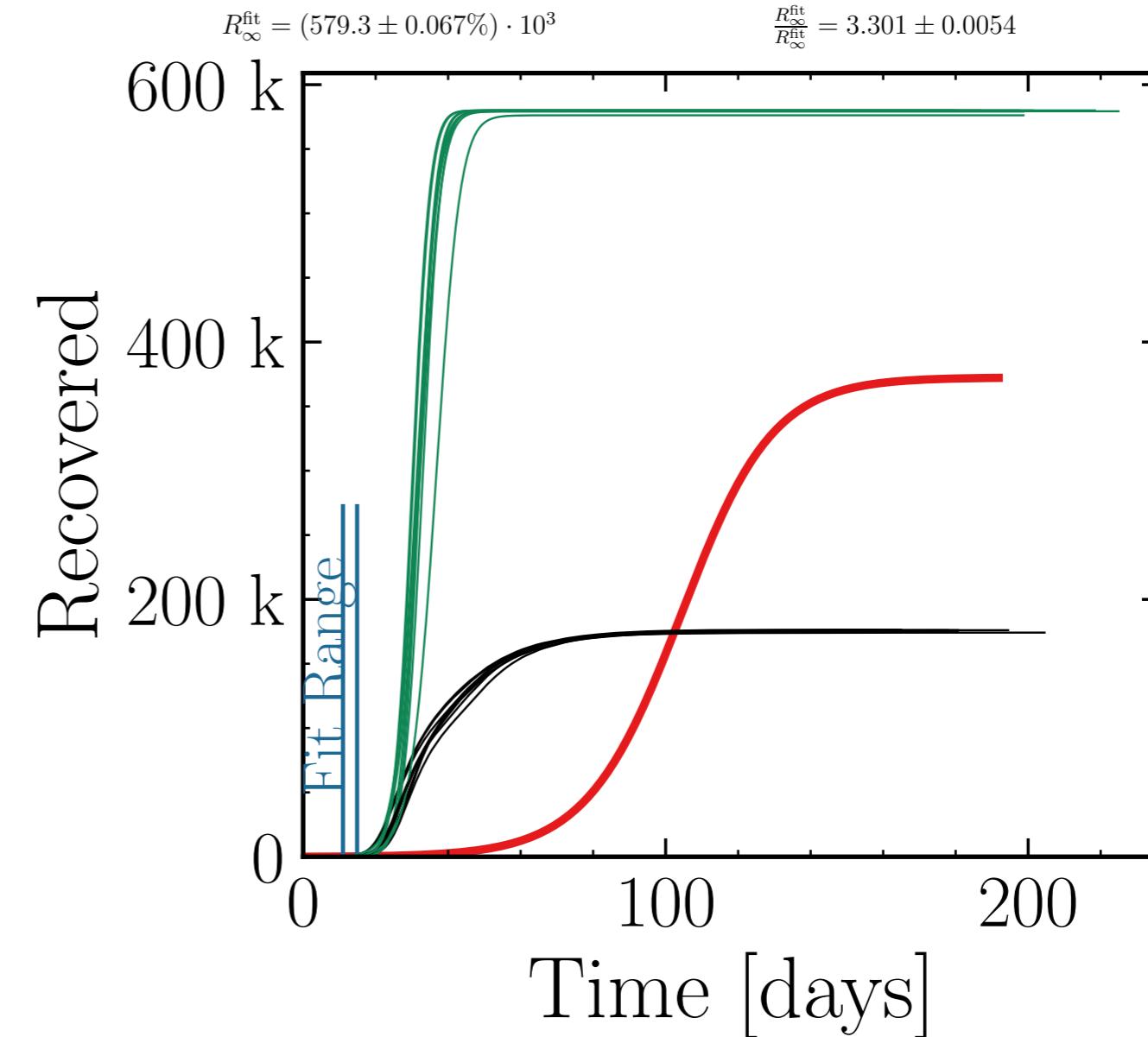
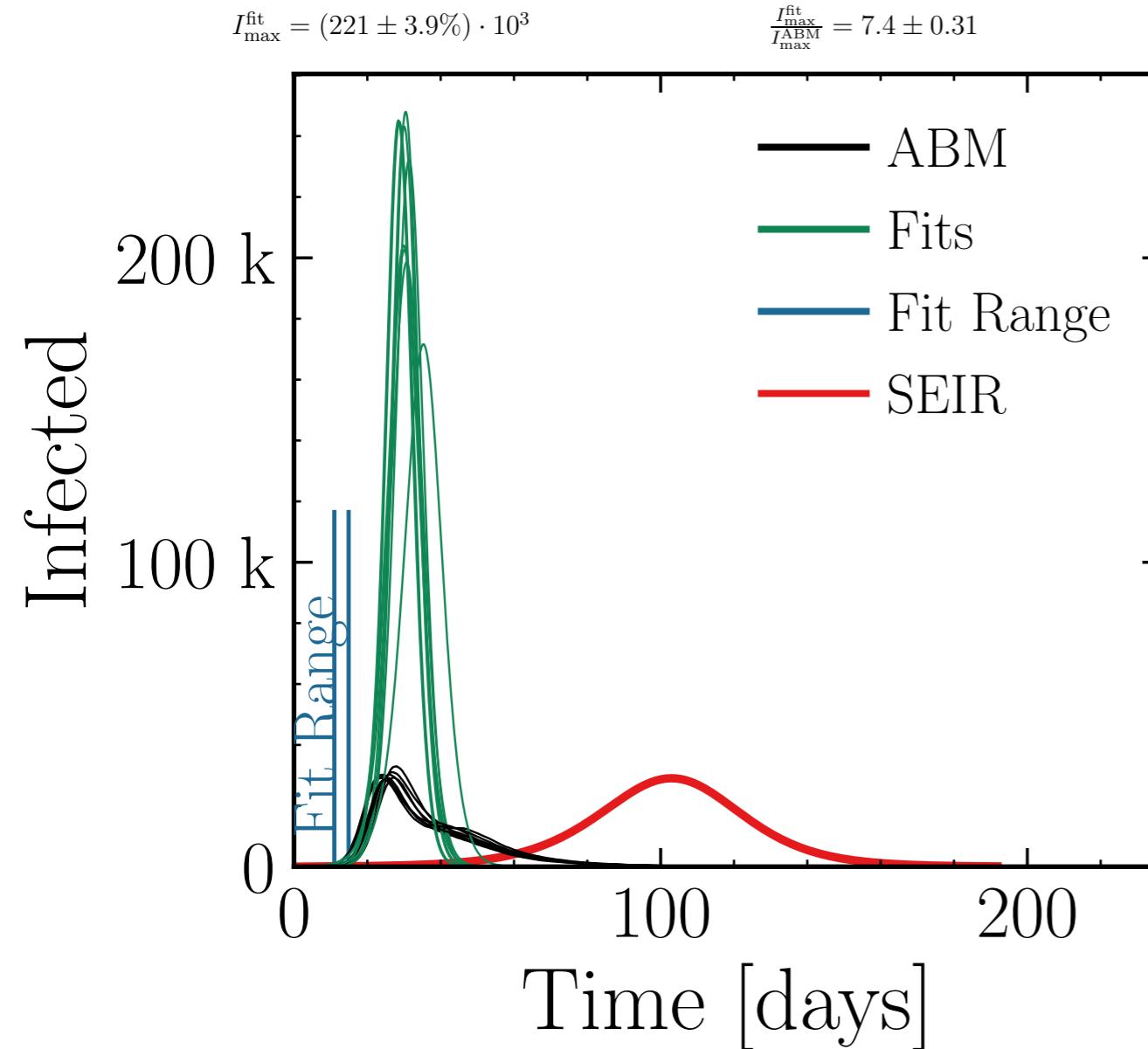
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 3.221 \pm 0.0041$$



$N_{\text{tot}} = 580K$ ,  $\rho = 0.3$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = ab8a4e4ddc, #10

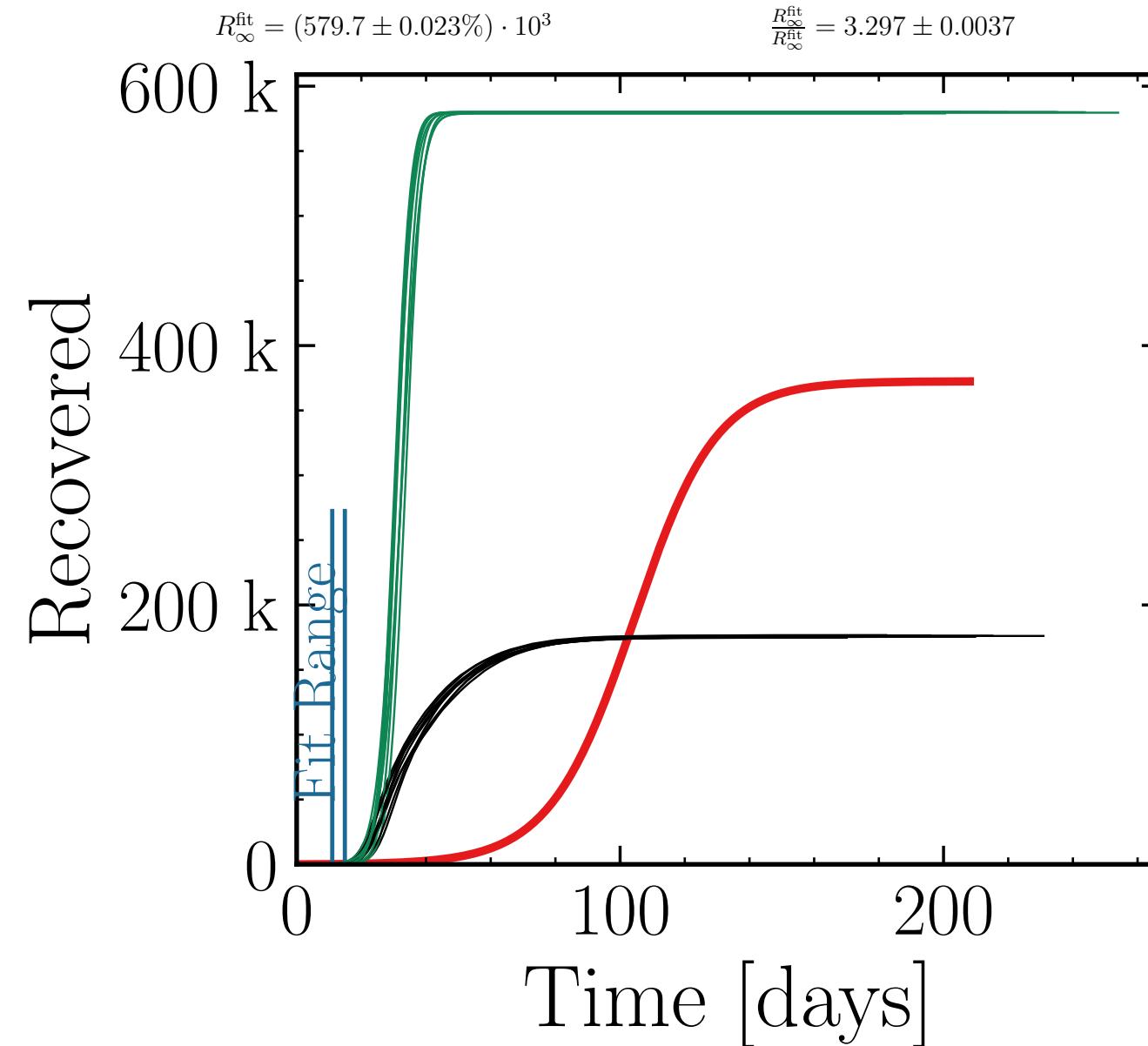
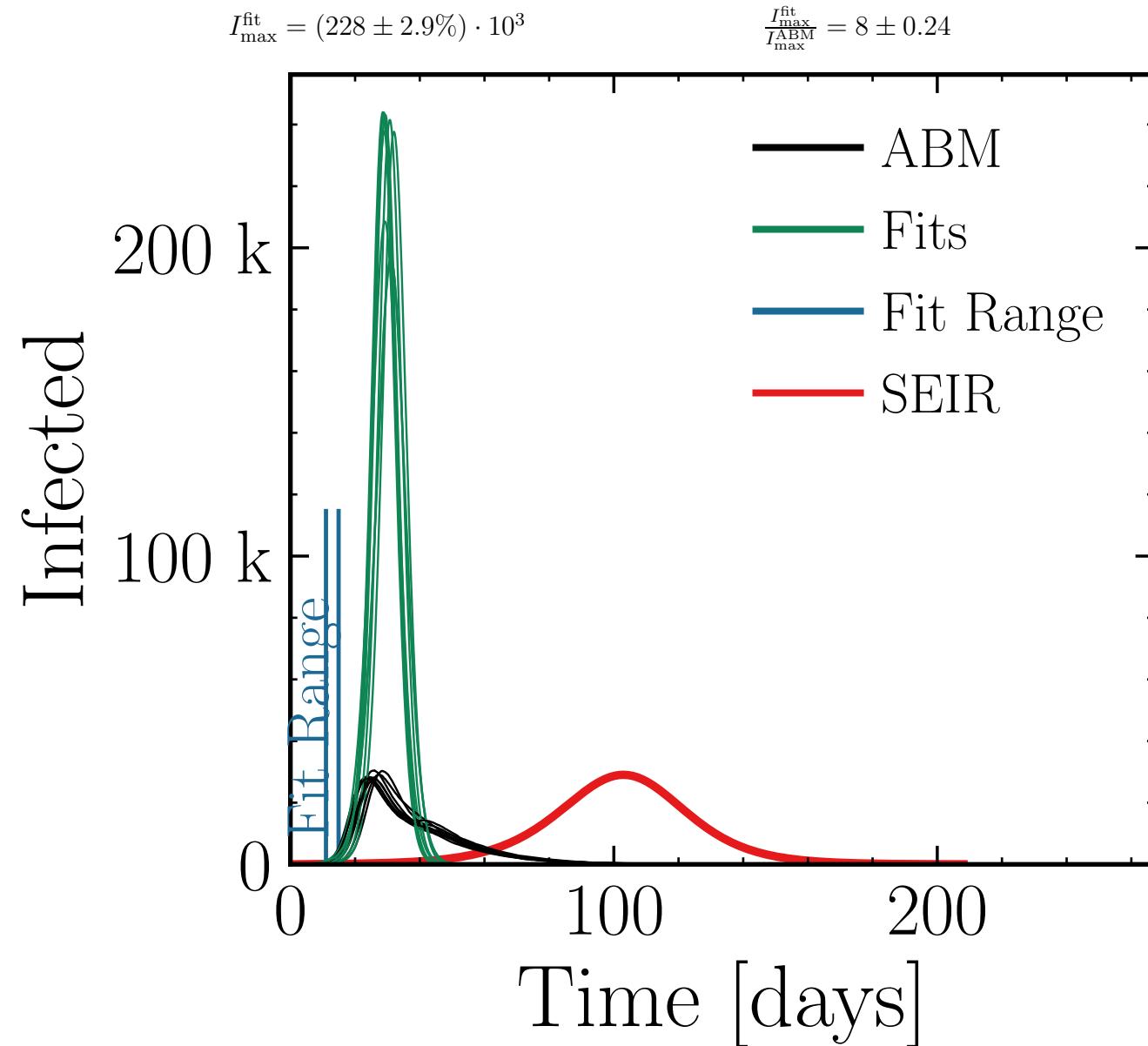


$N_{\text{tot}} = 580K$ ,  $\rho = 0.4$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 1fba1f4c35, #9

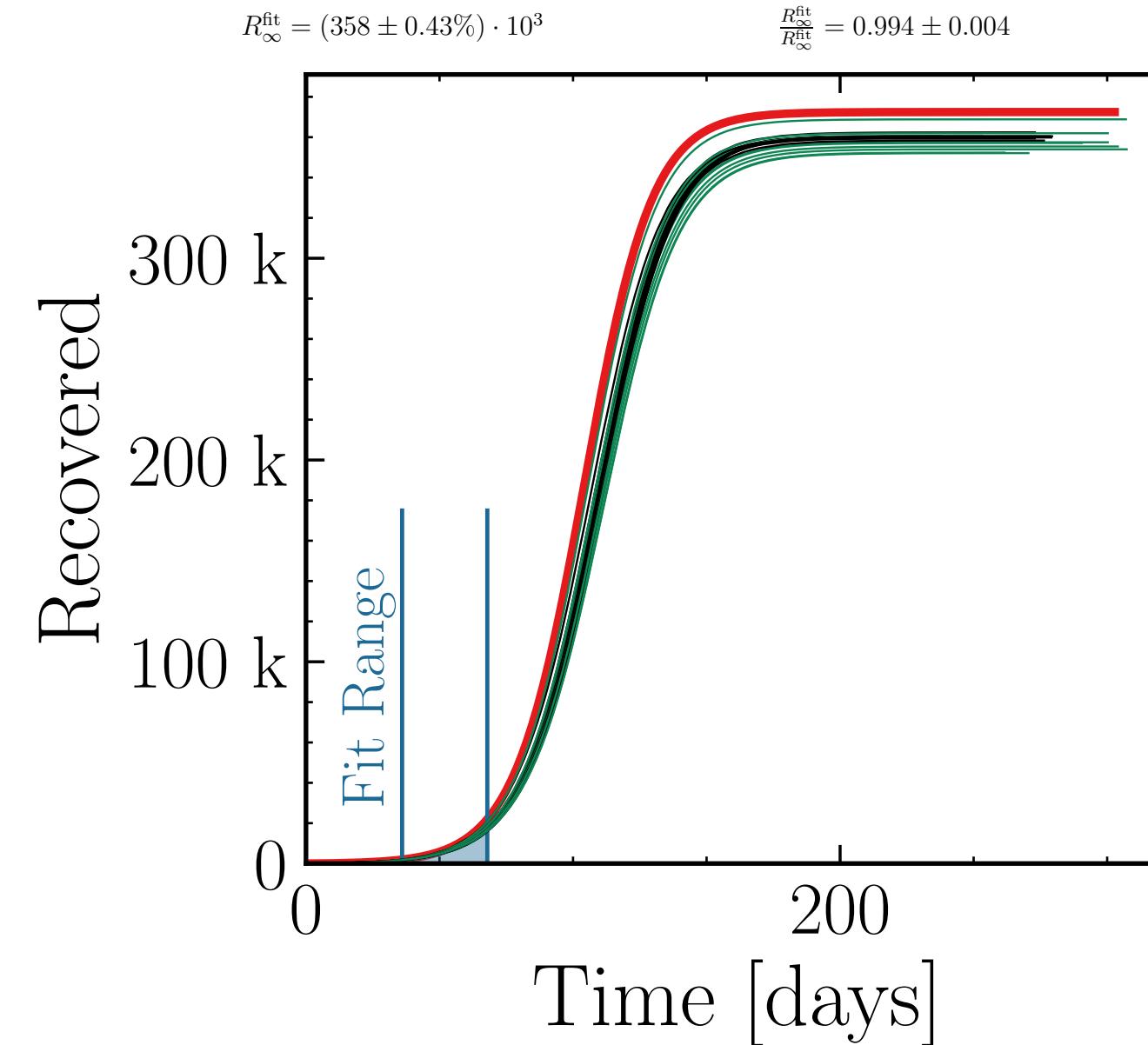
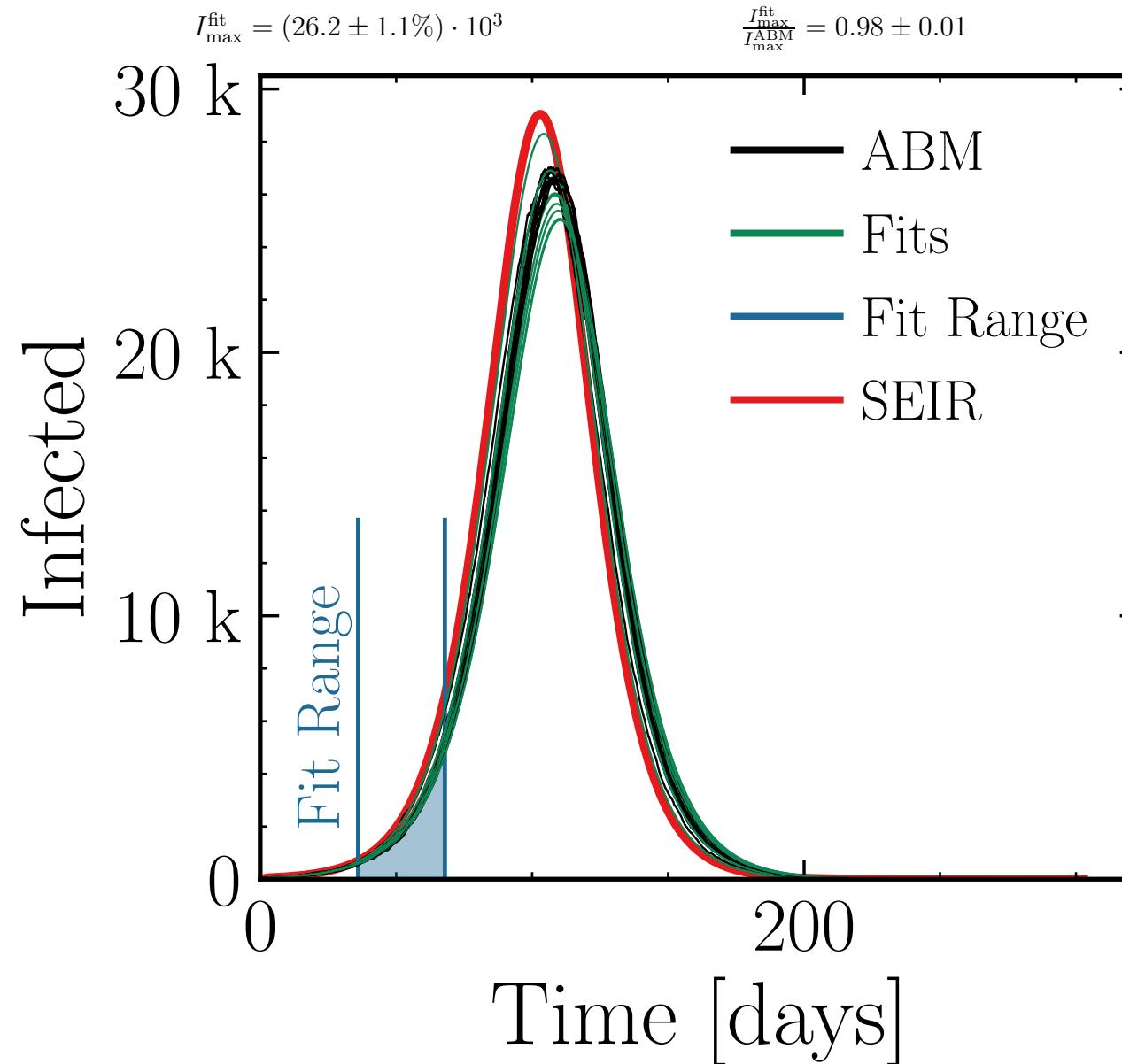


$N_{\text{tot}} = 580K$ ,  $\rho = 0.5$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{retry}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c9e1659deb, #9

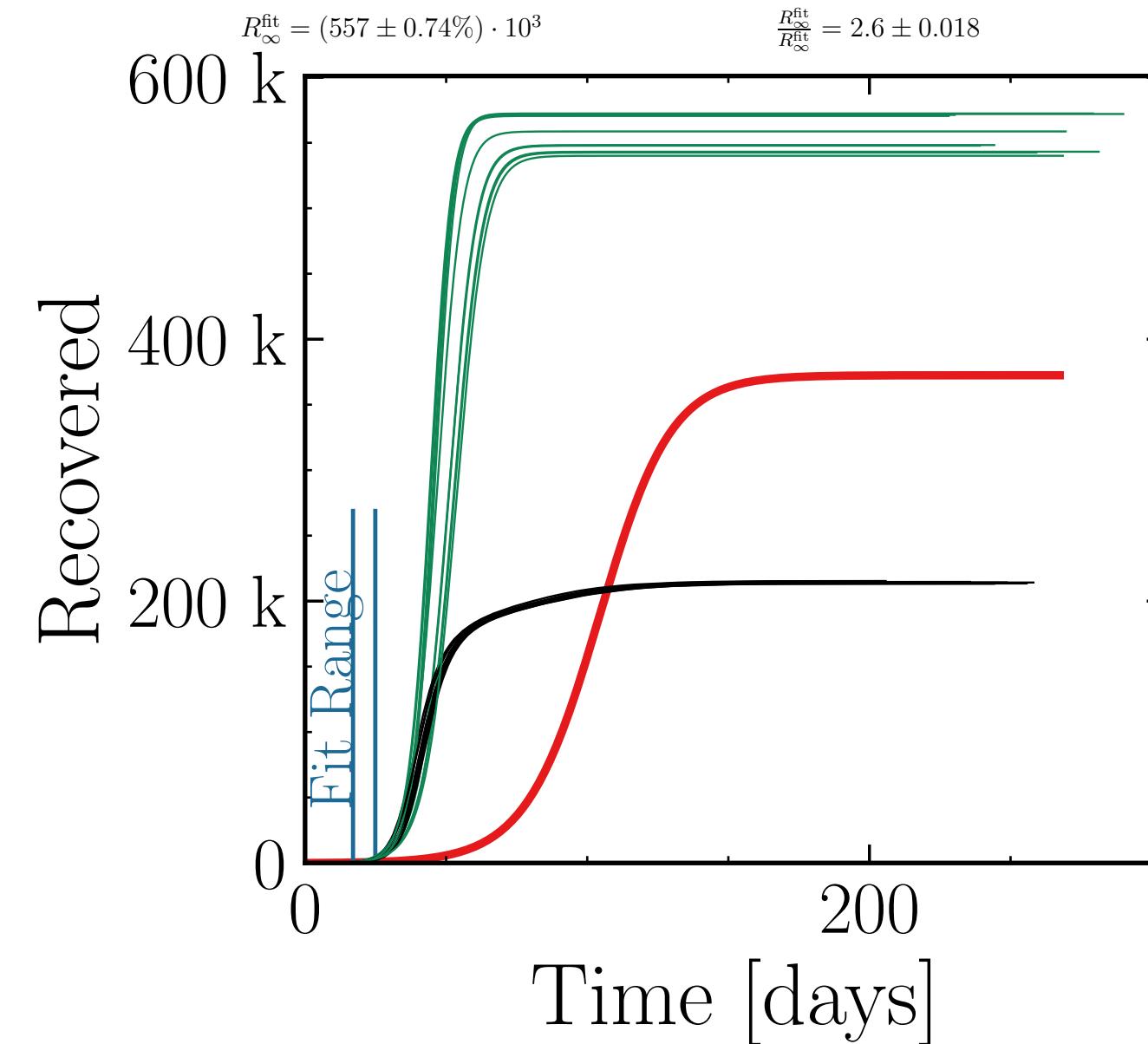
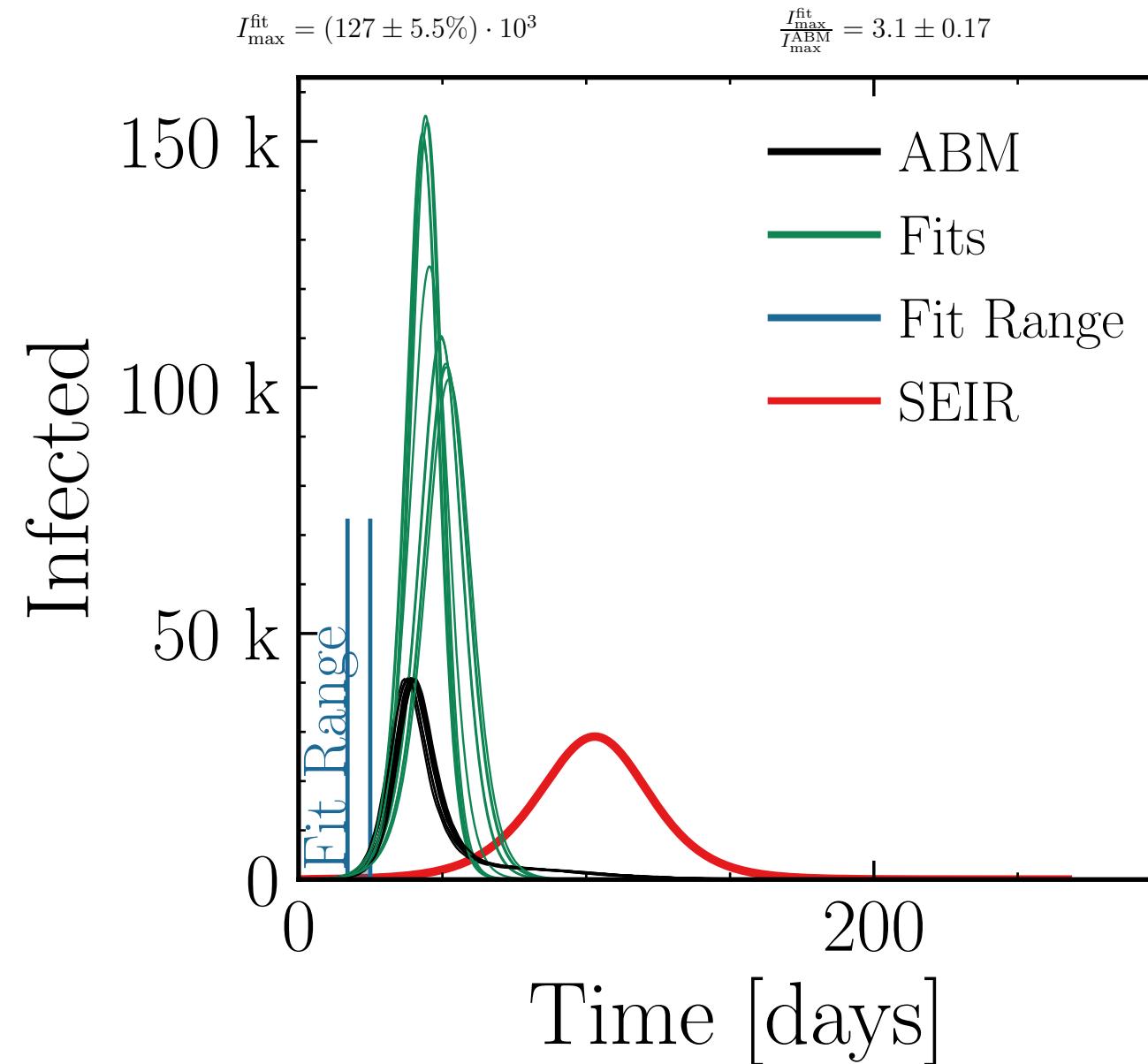


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a76e3dd7ca, #10

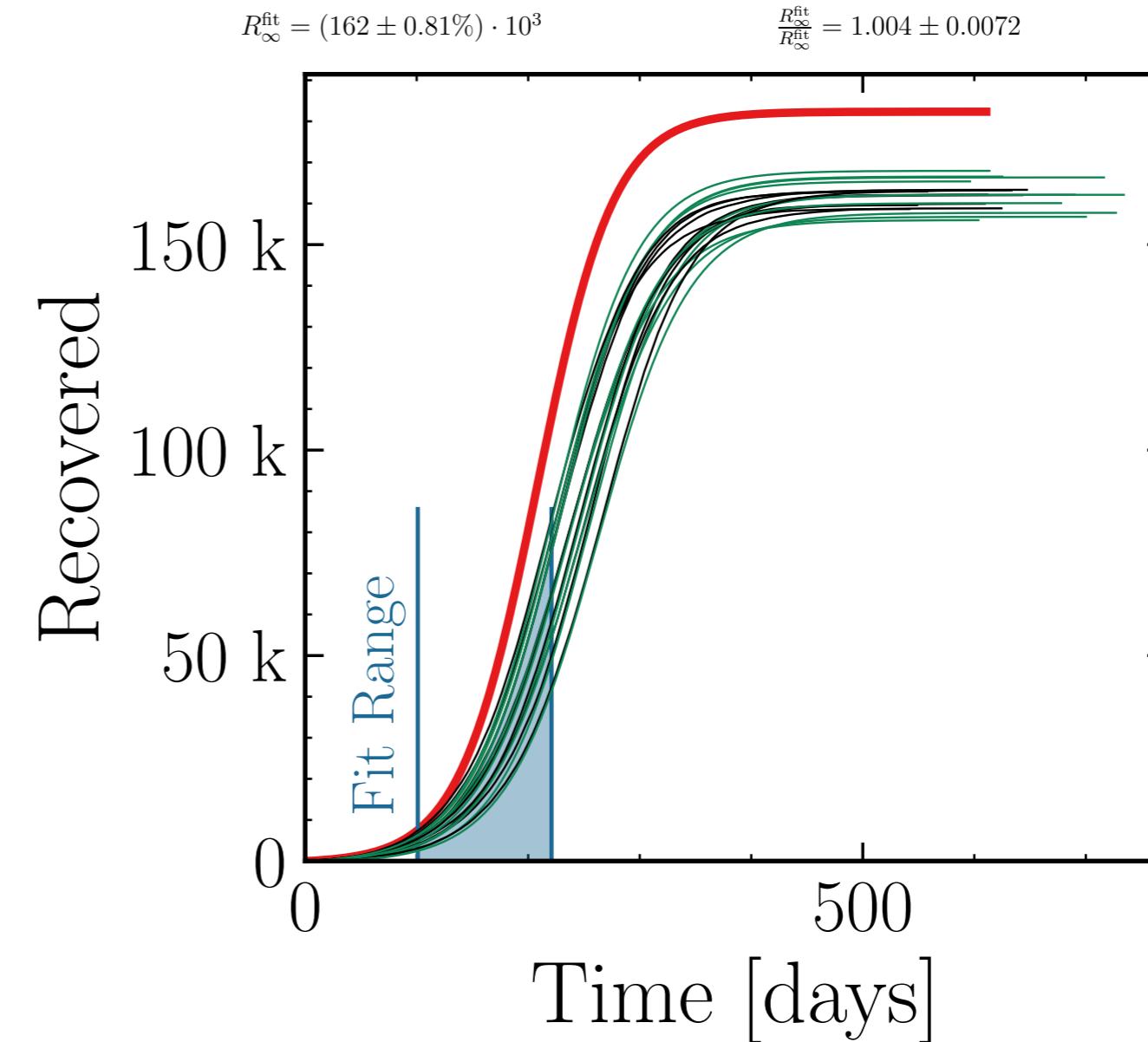
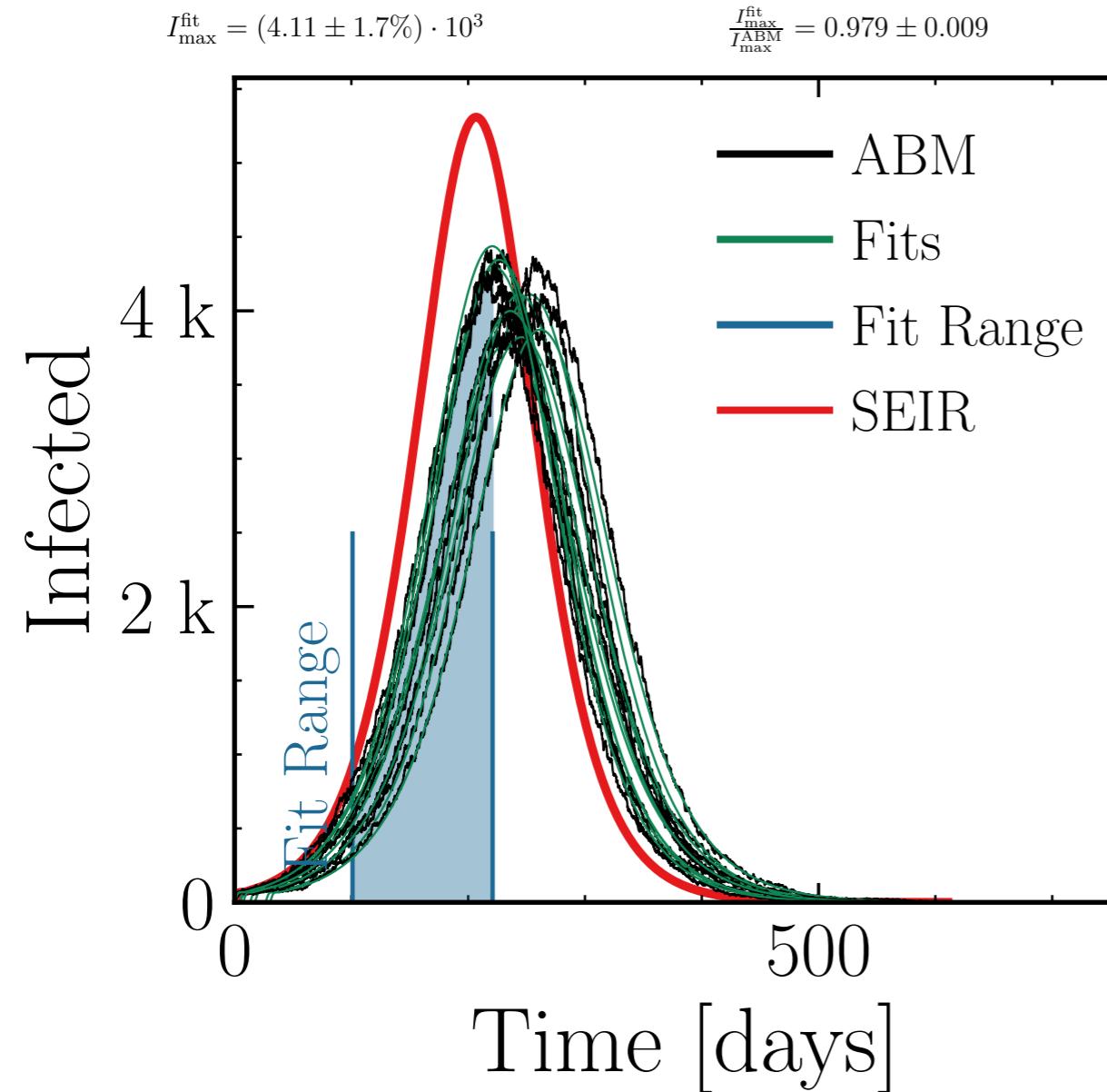


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

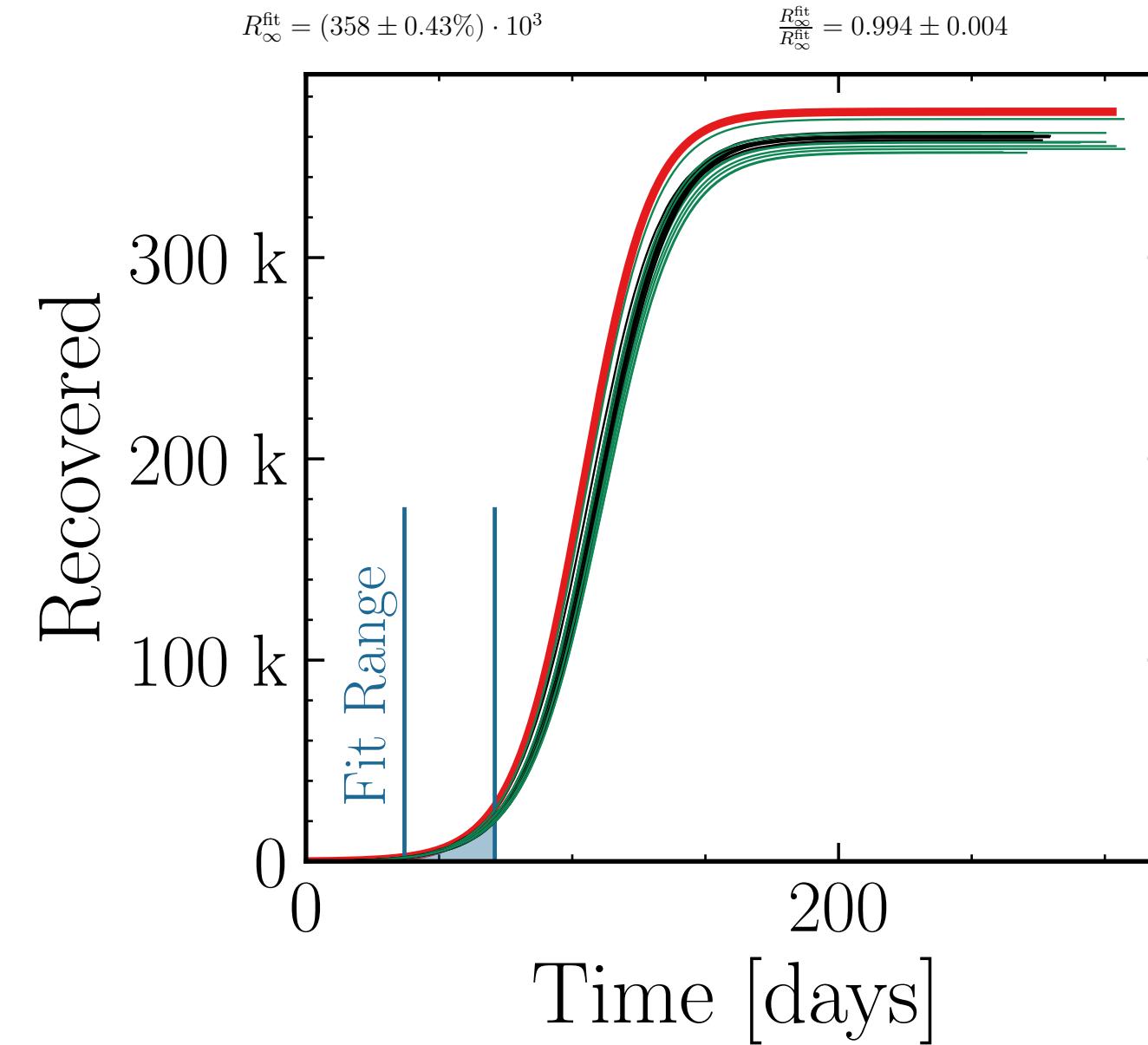
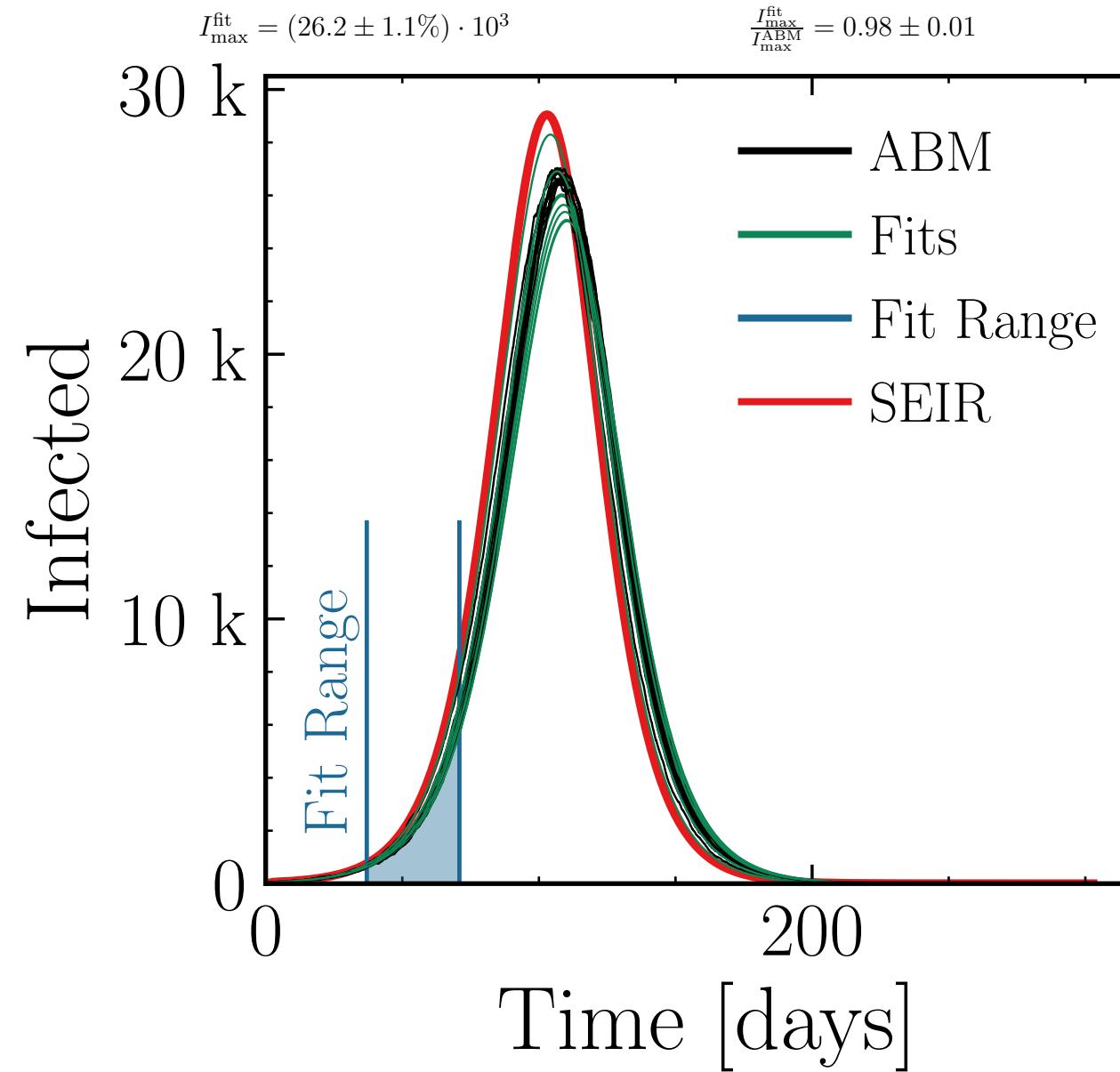
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 8714774d9e, #10



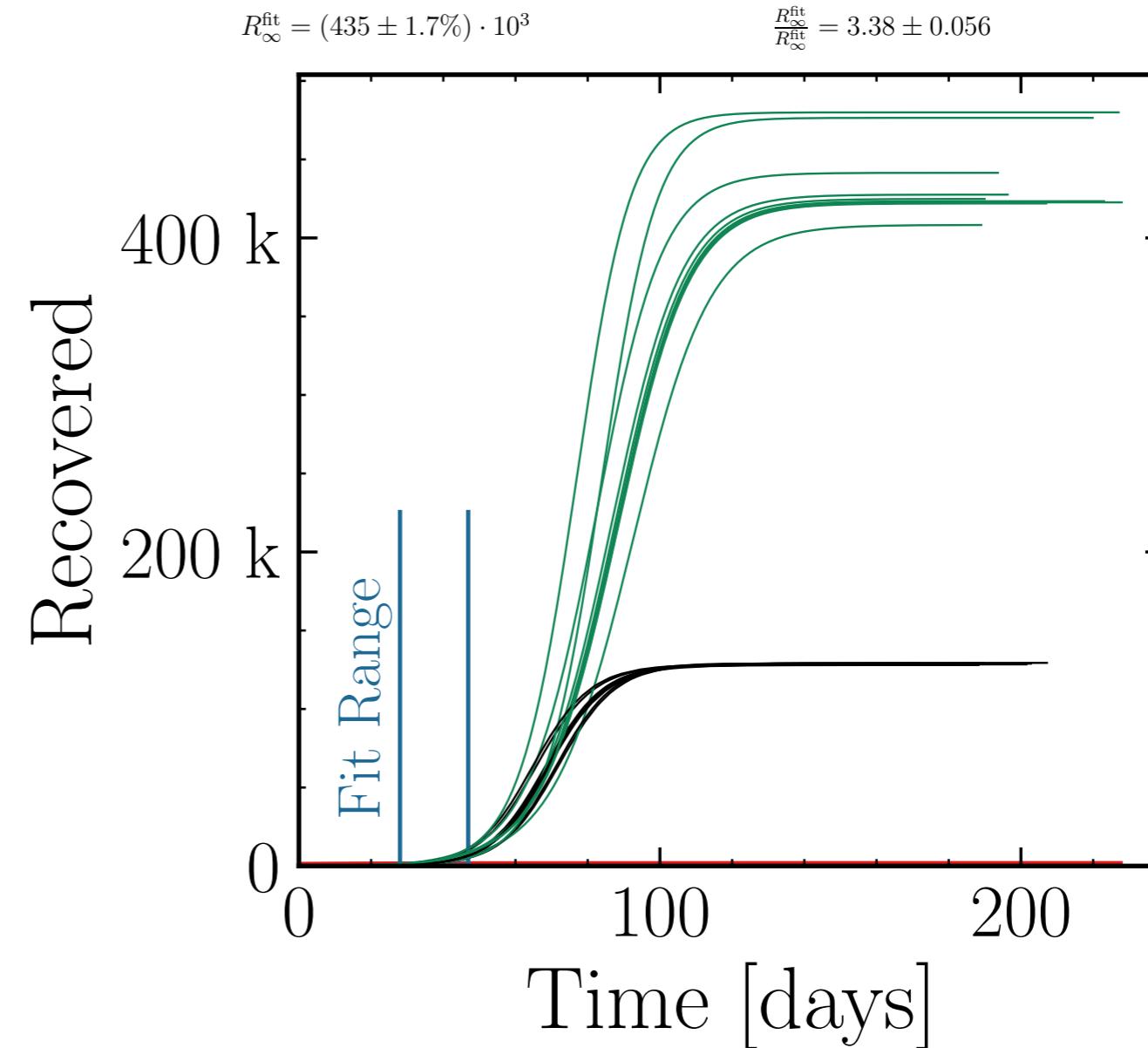
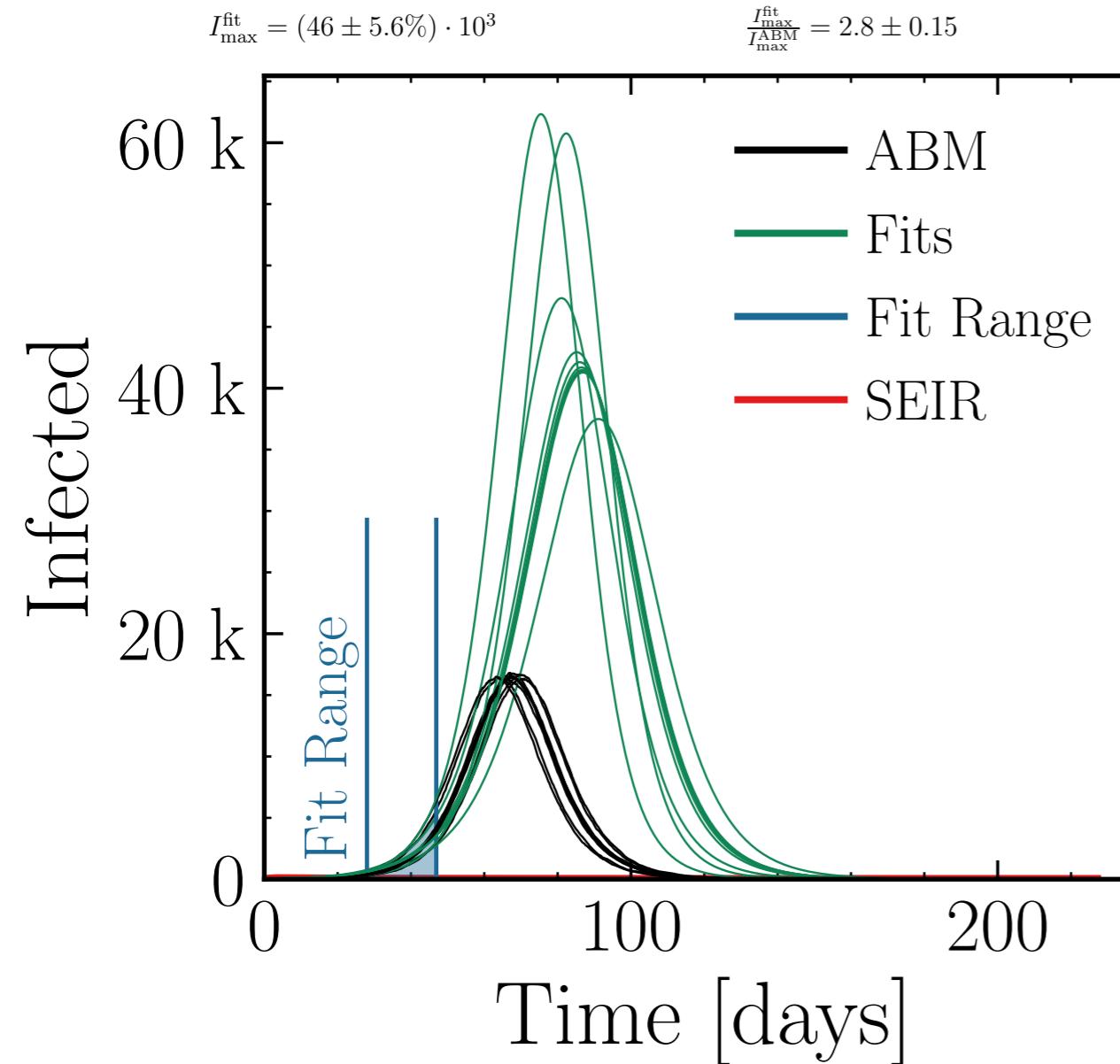
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 30$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 46f12c96b2, #10



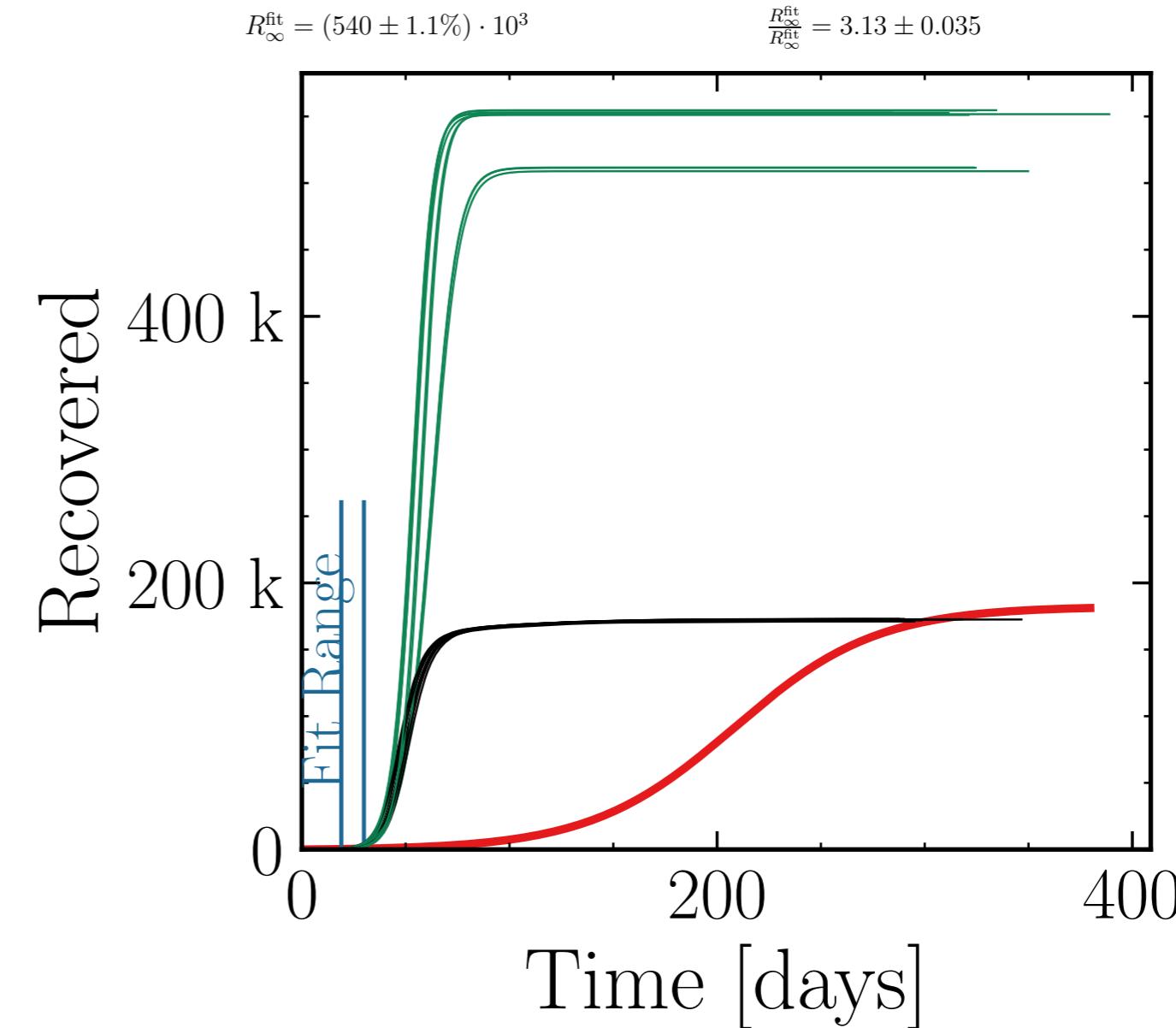
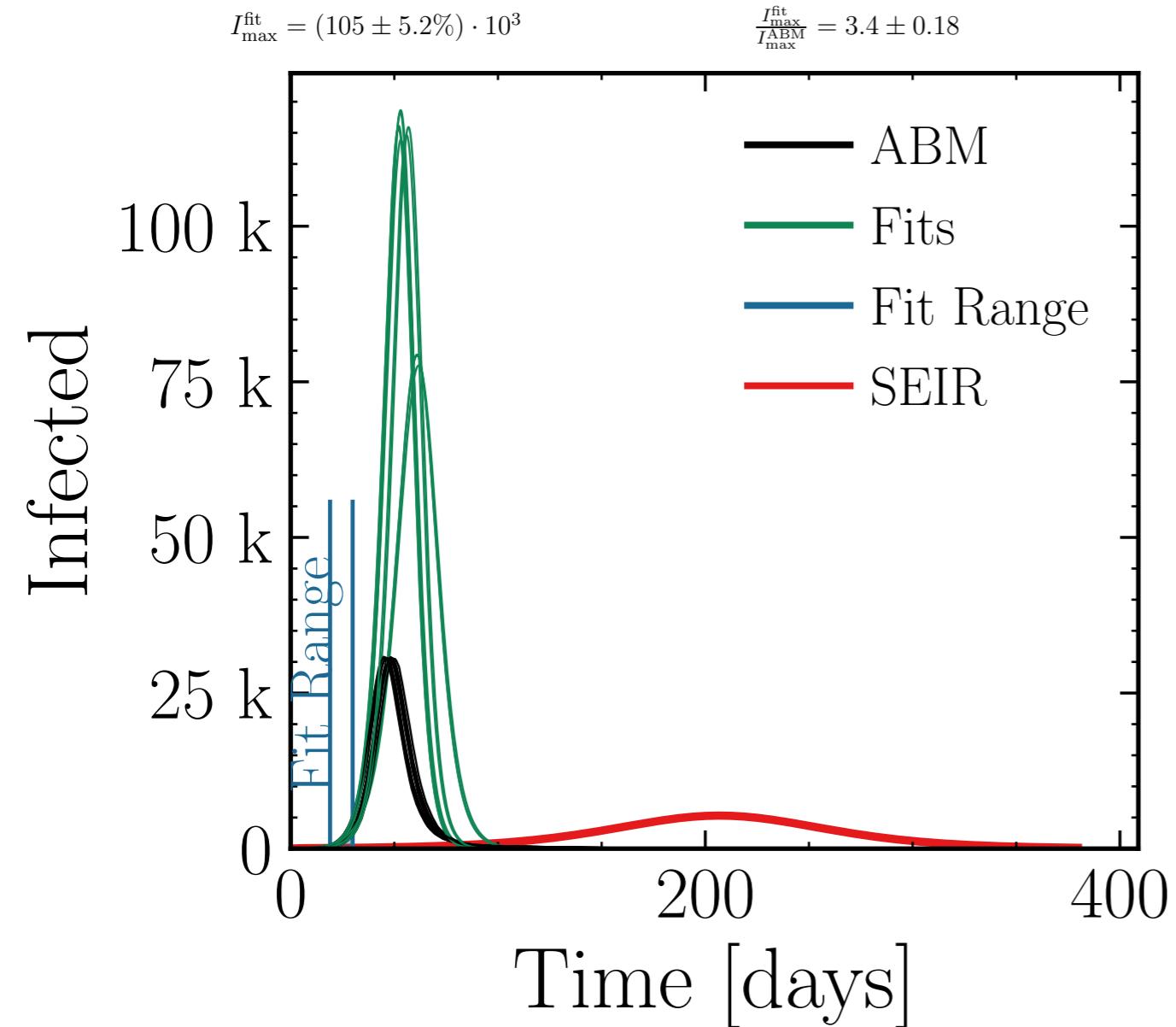
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c0a218fad7, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 103ca0fdd2, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 30$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = eae6de6ddd, #10



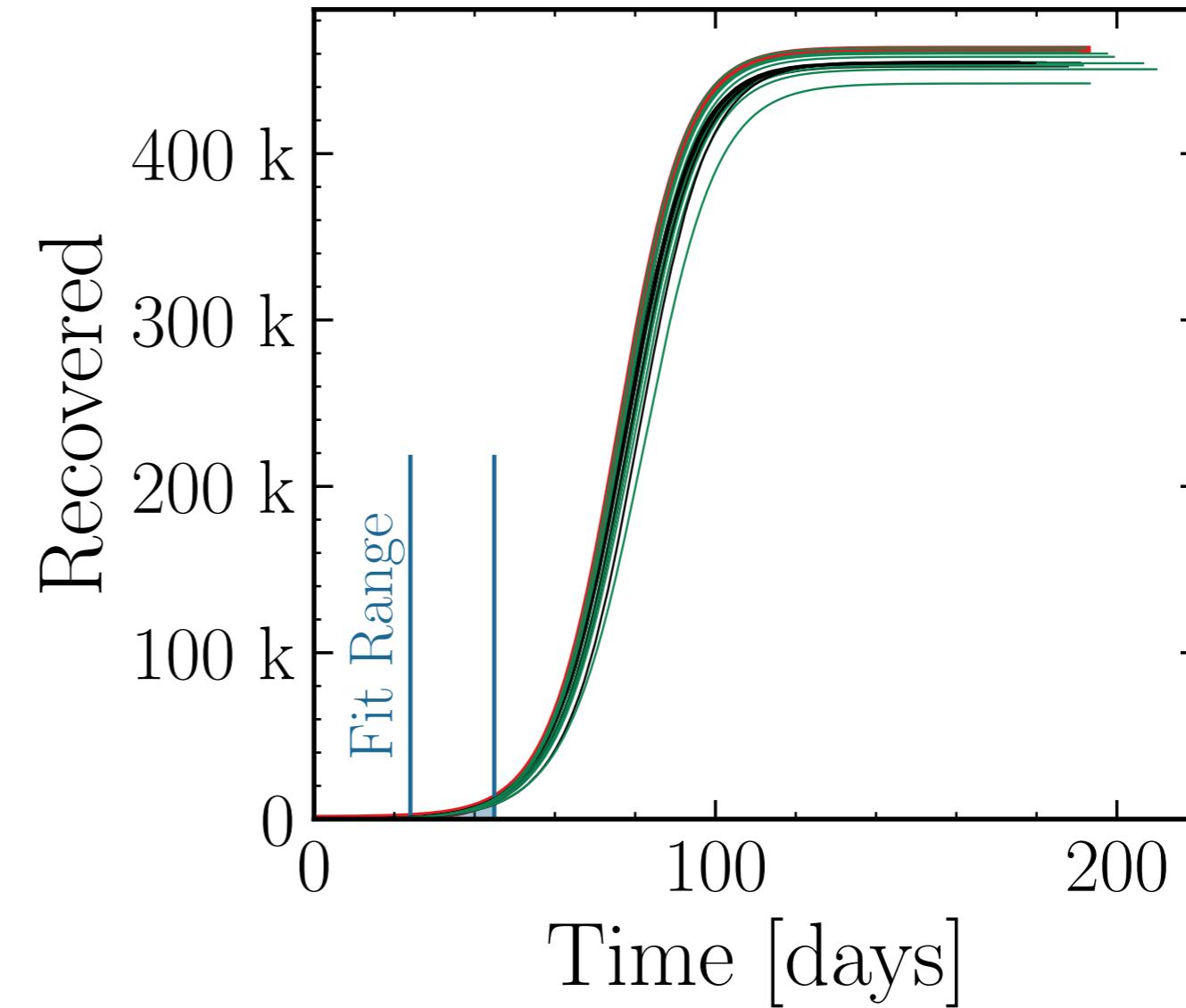
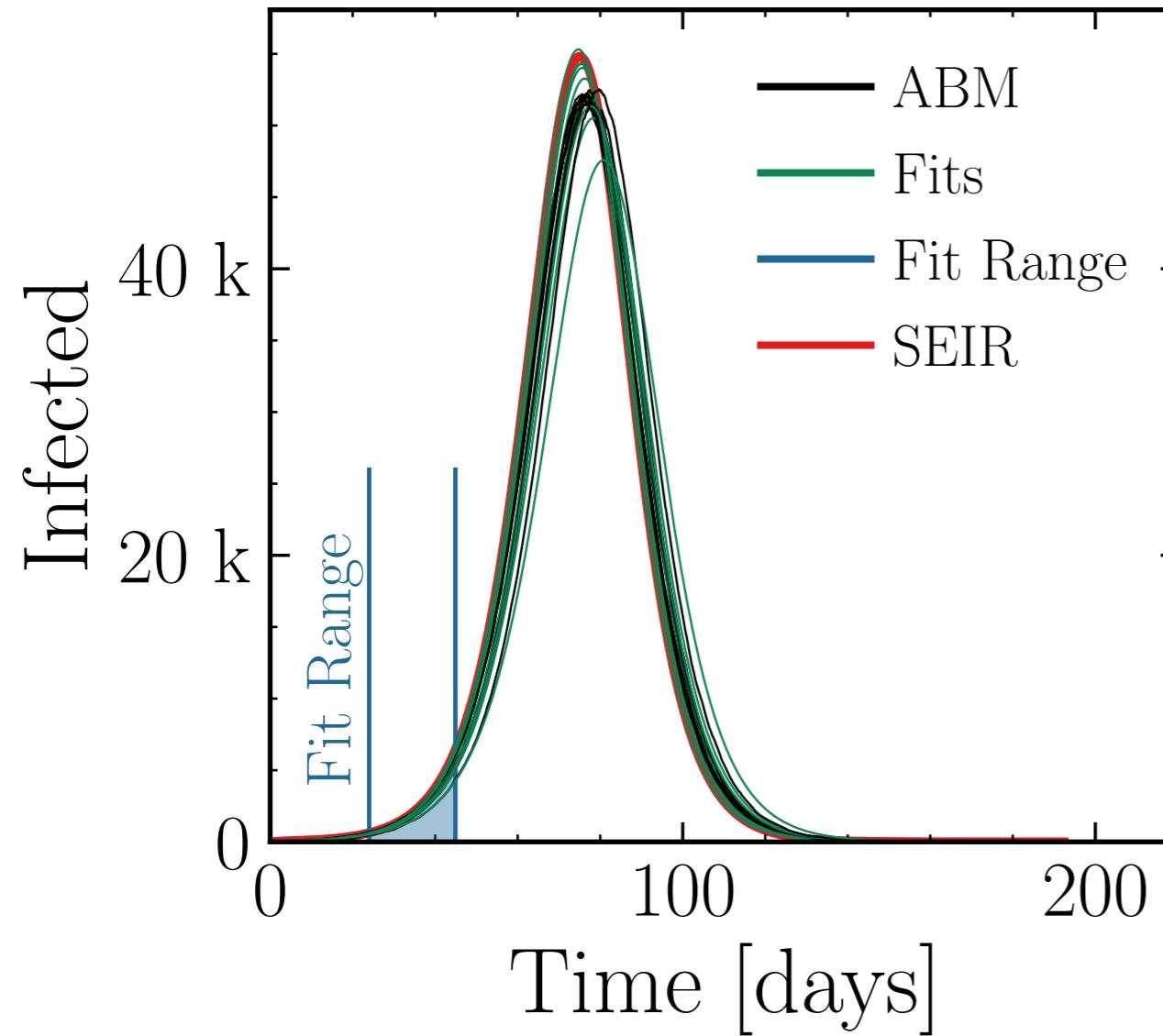
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 50$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 7283889093, #10

$$I_{\text{max}}^{\text{fit}} = (52.5 \pm 1.3\%) \cdot 10^3$$

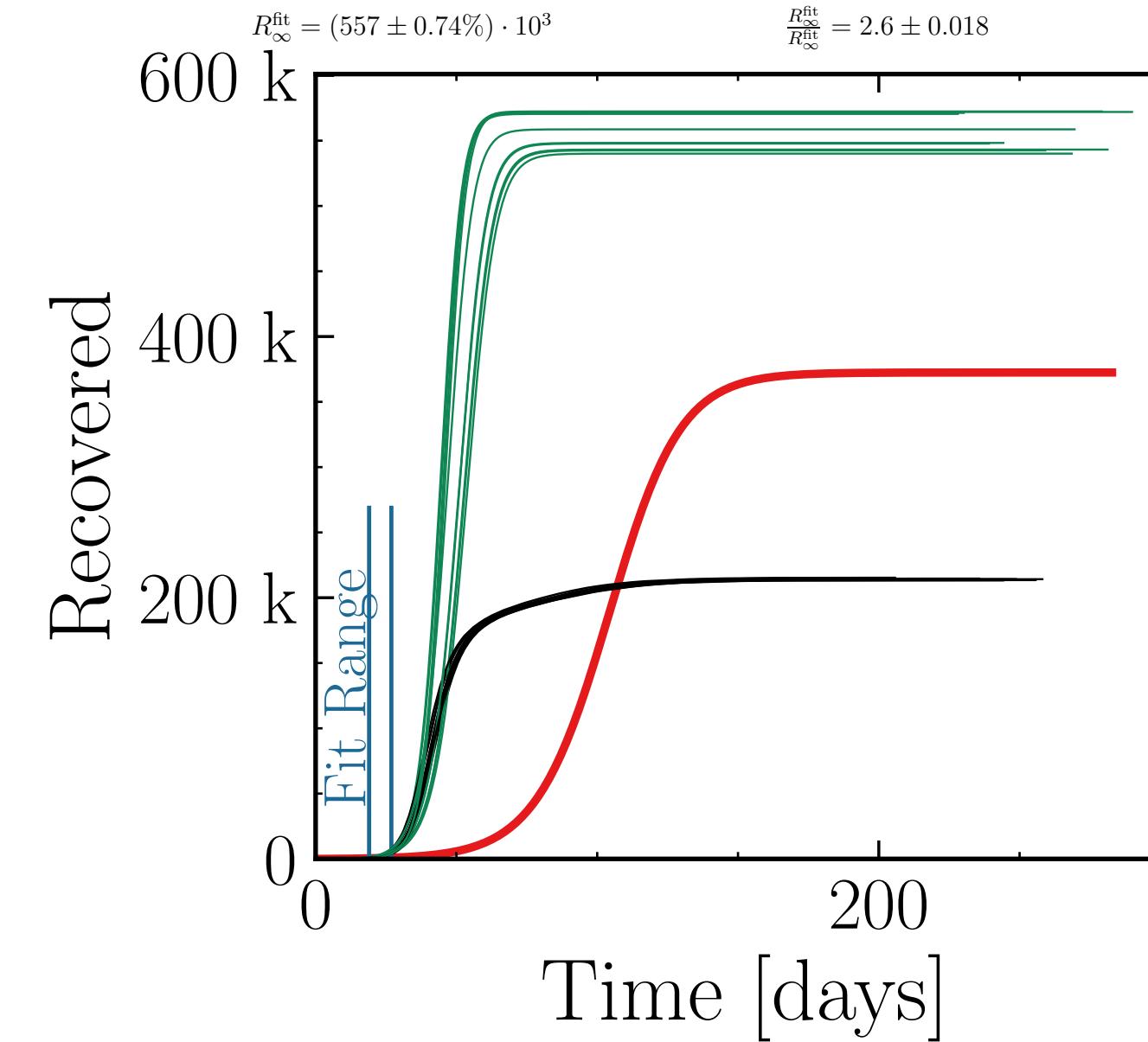
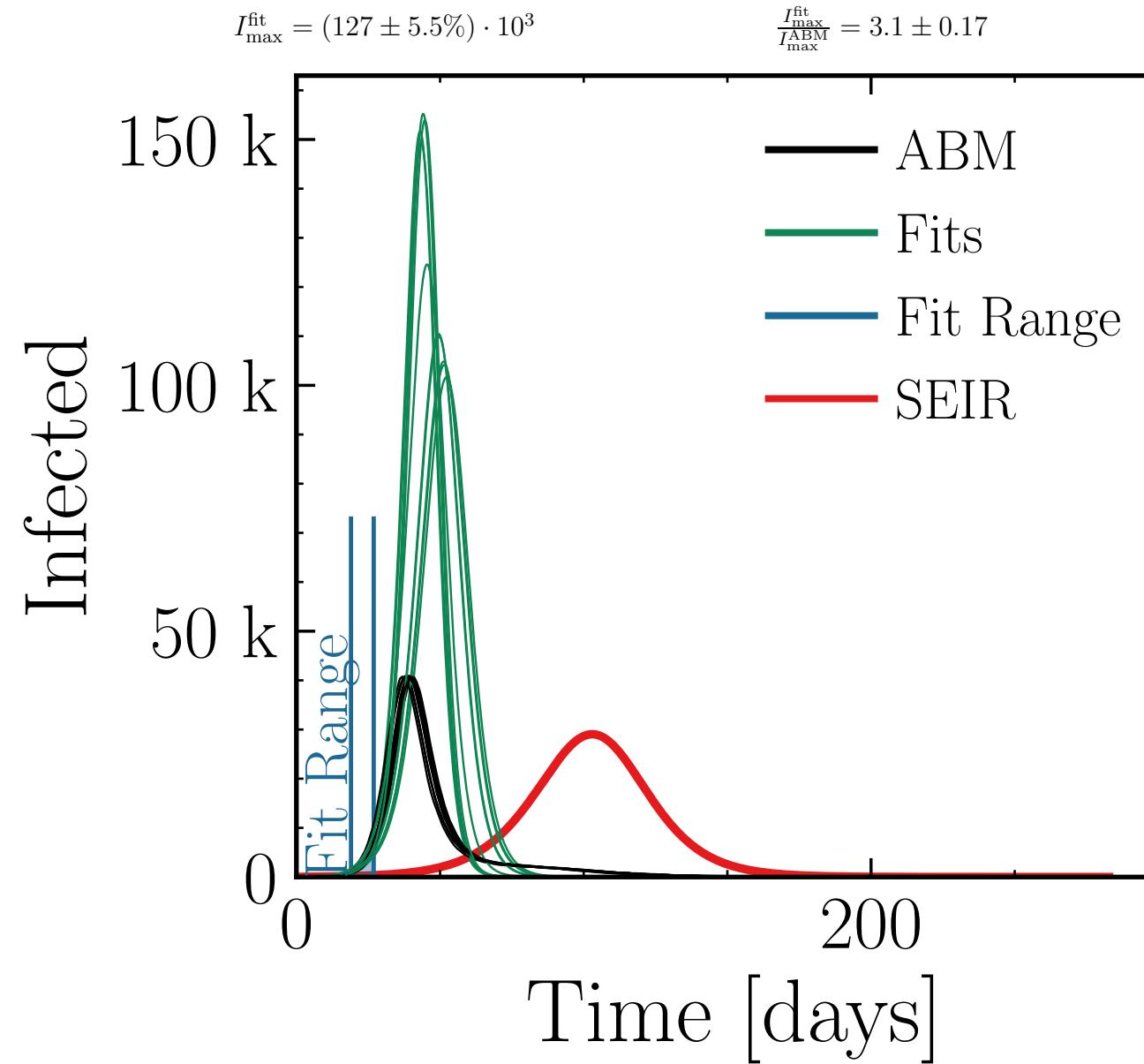
$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{max}}} = 1.01 \pm 0.014$$

$$R_{\infty}^{\text{fit}} = (456 \pm 0.41\%) \cdot 10^3$$

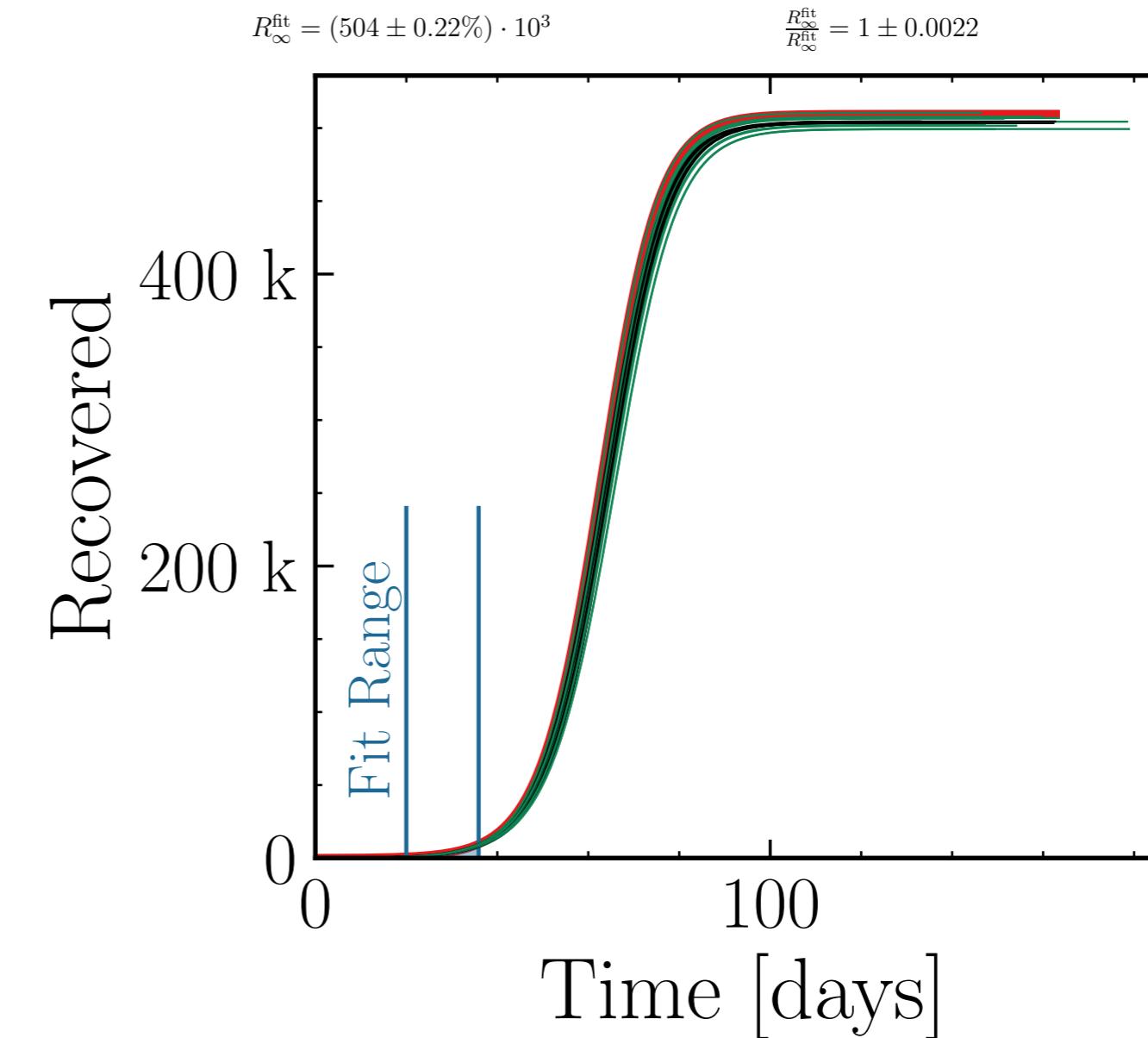
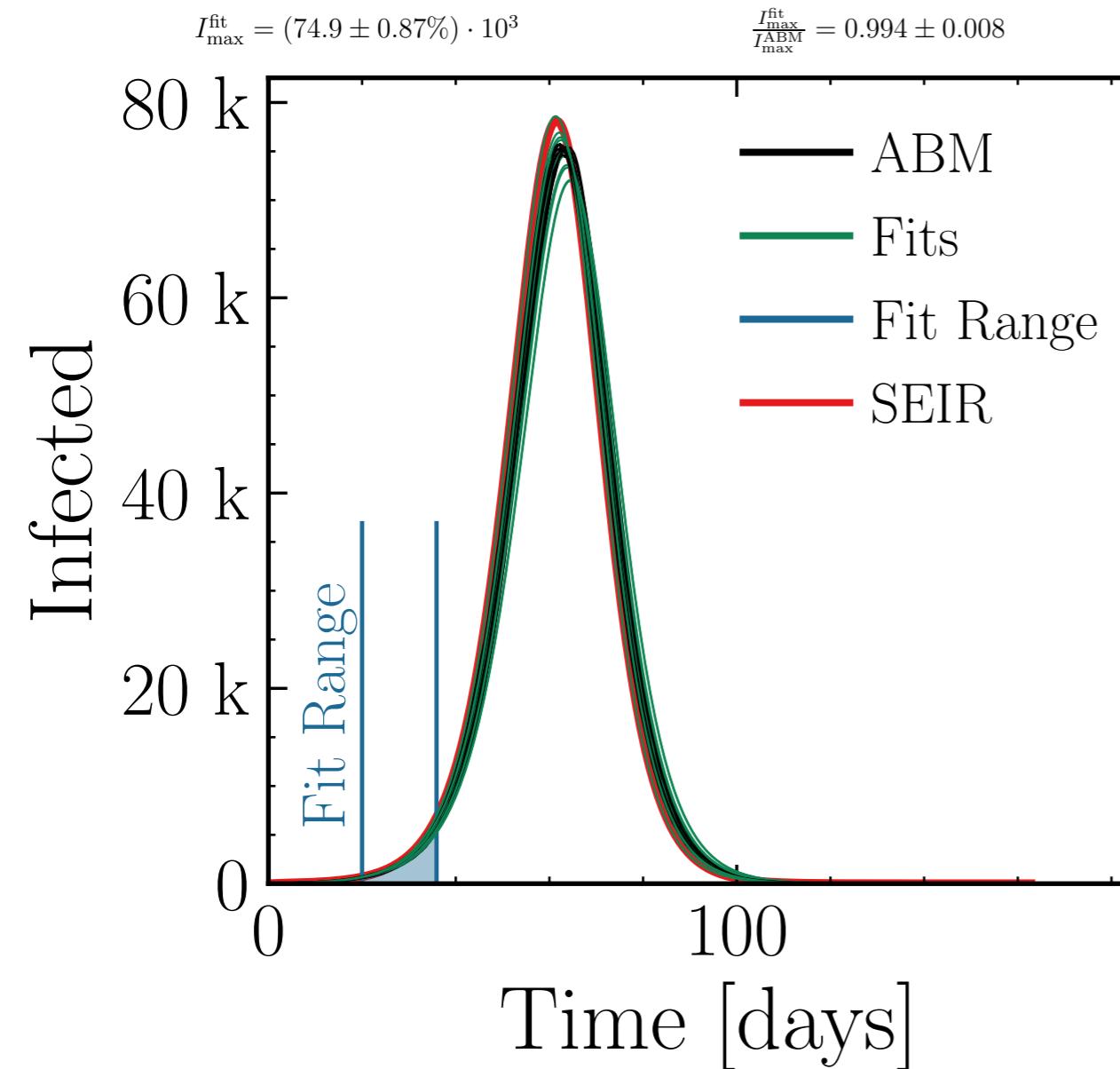
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.003 \pm 0.0043$$



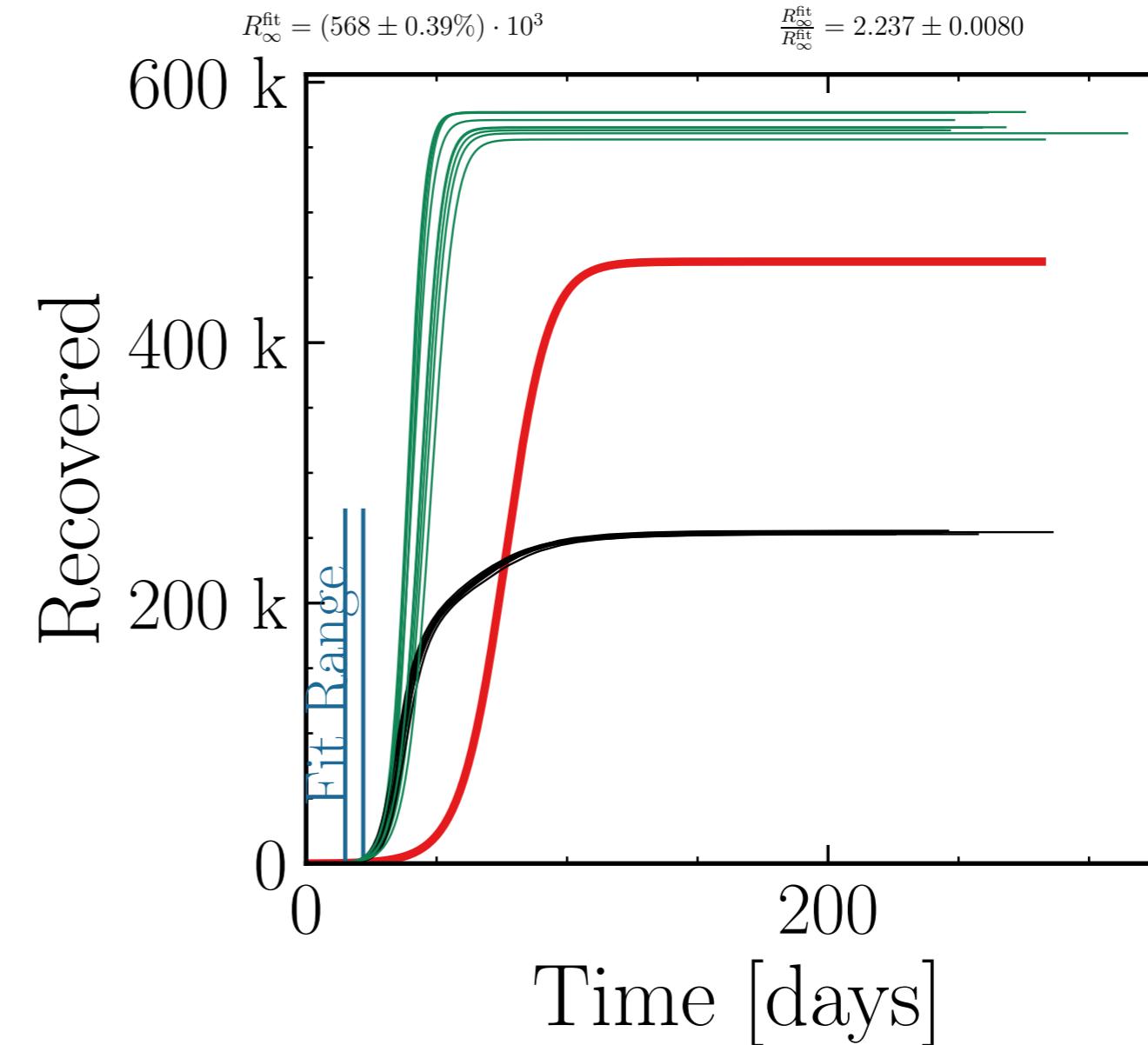
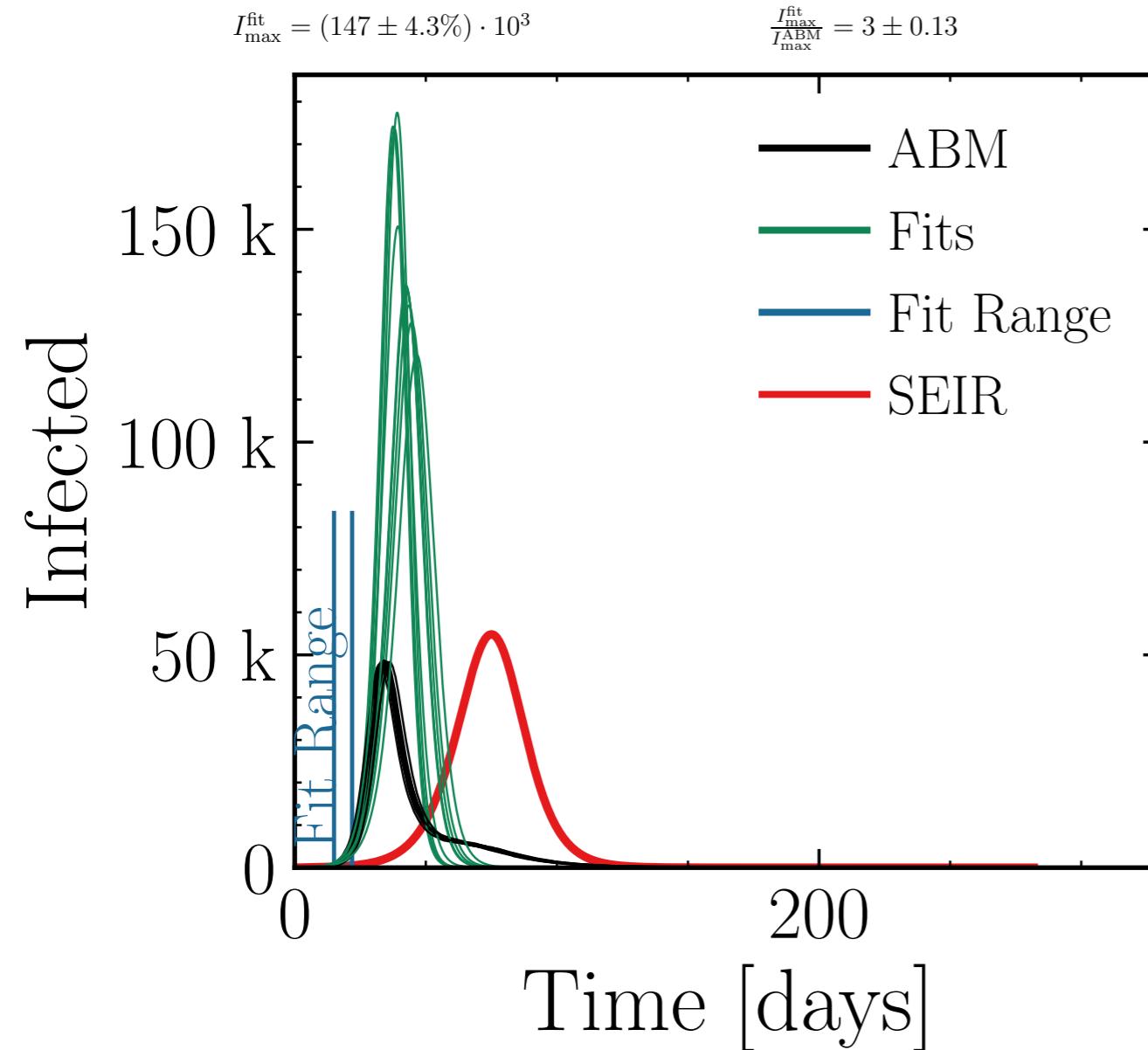
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a96d7a01f6, #10



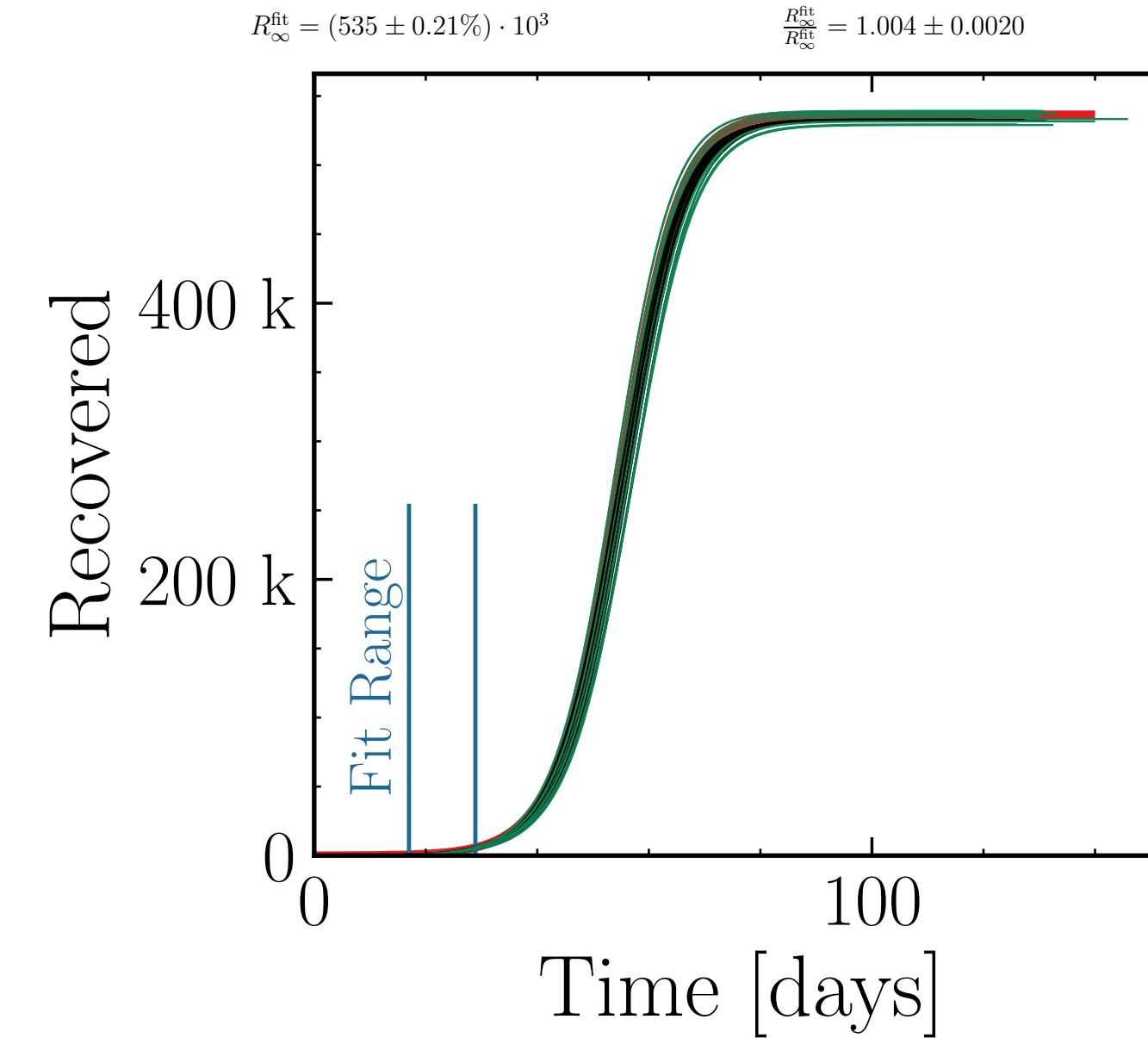
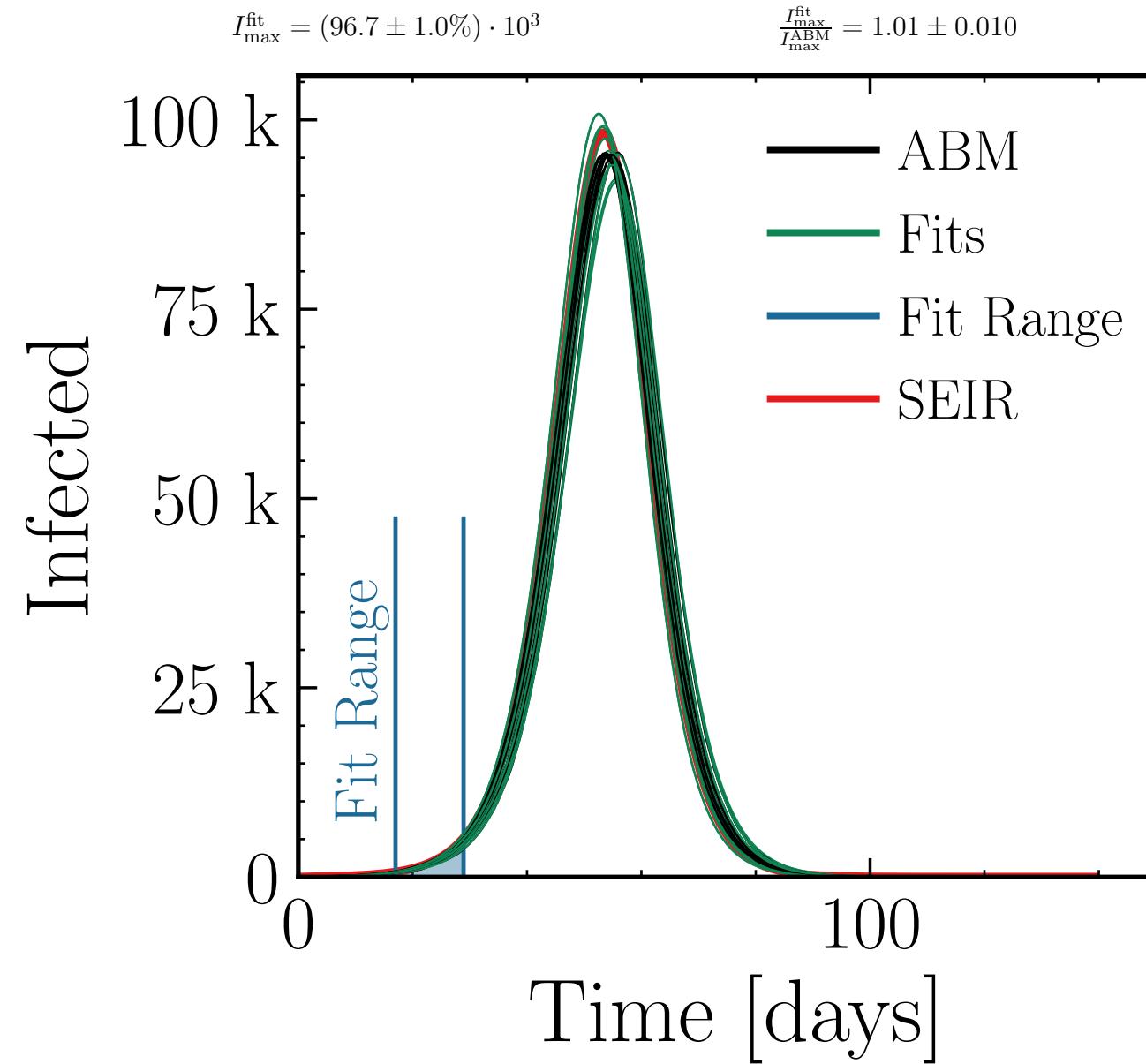
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 60$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f007fffffa6, #10



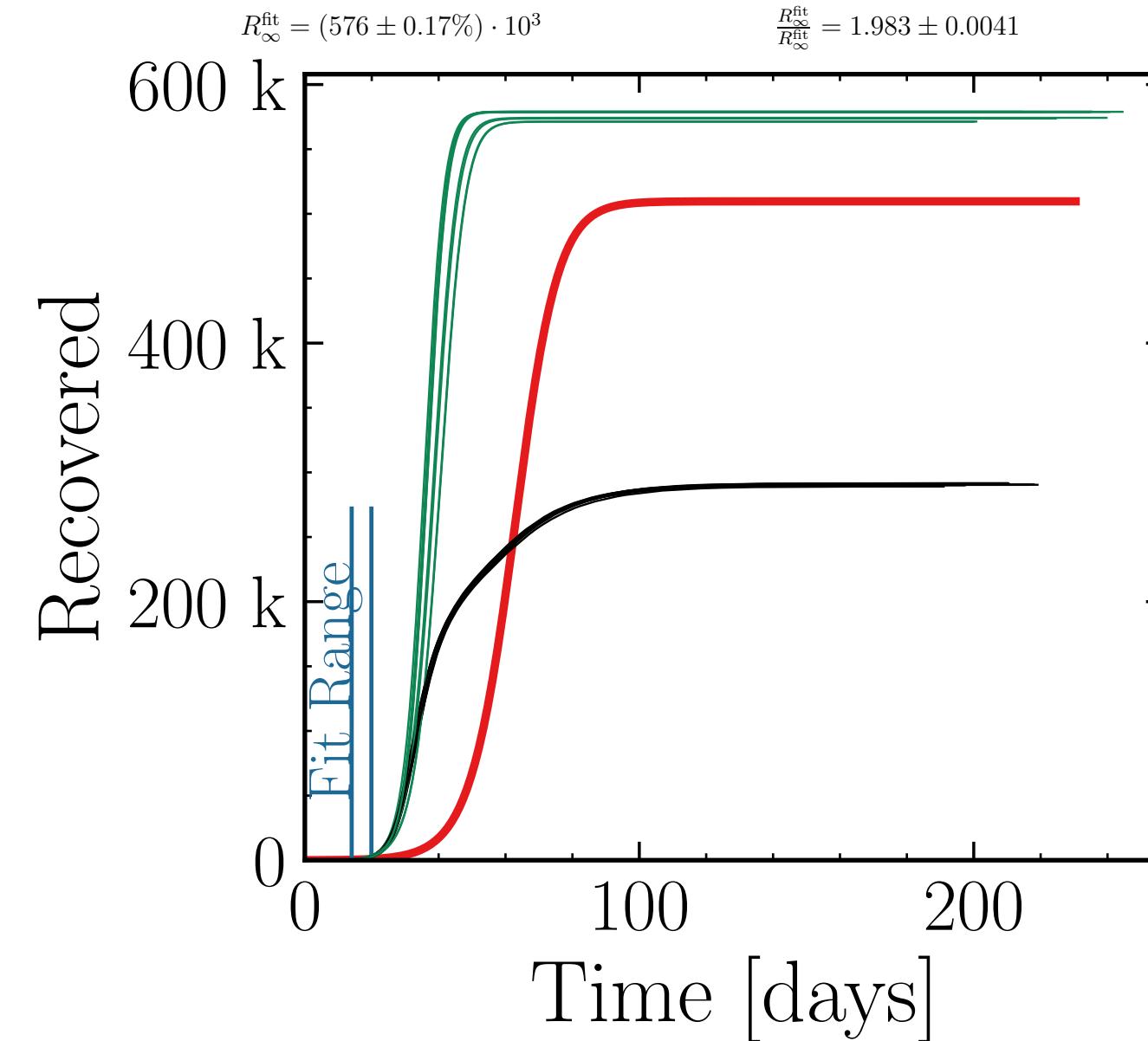
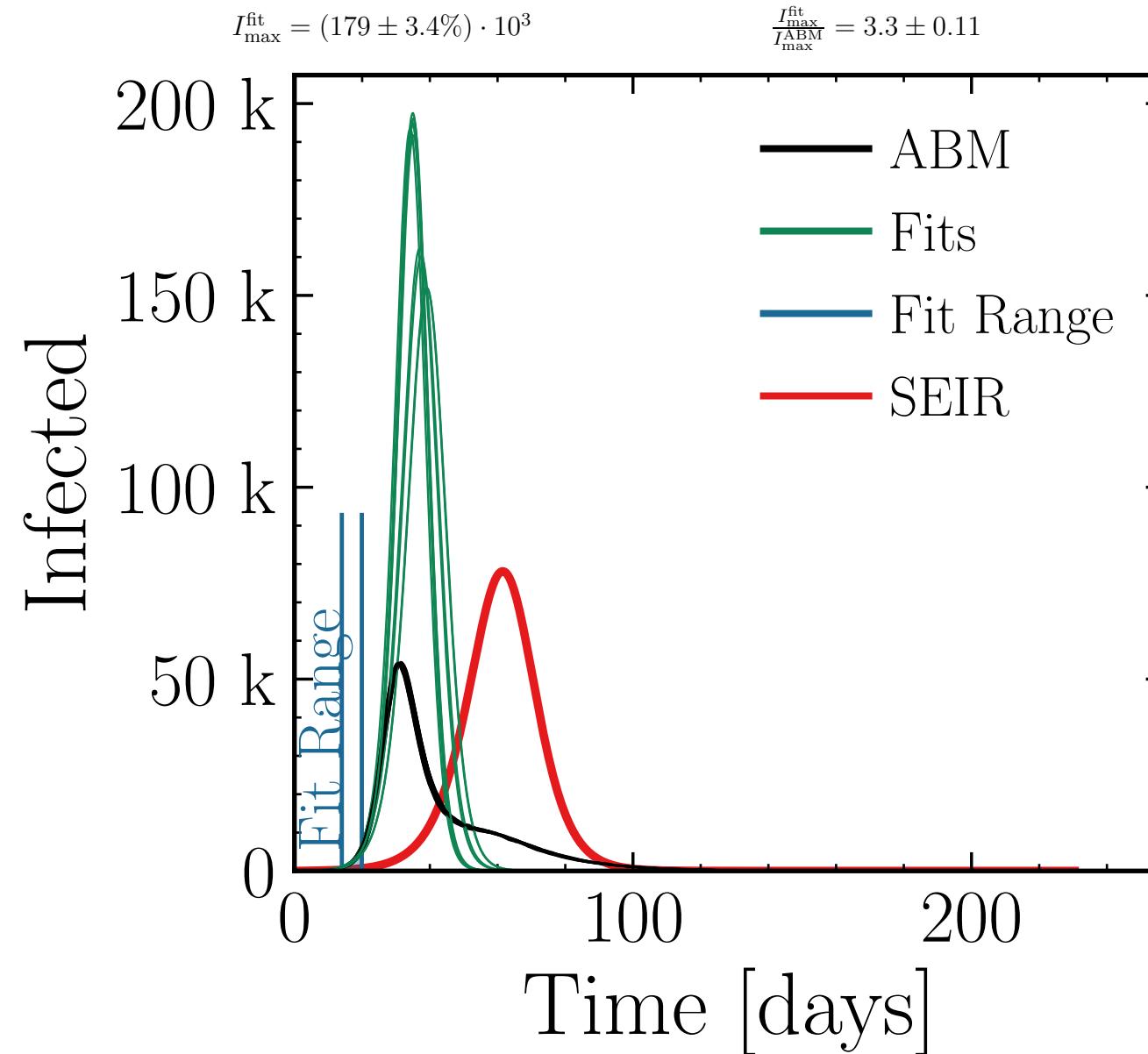
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 50$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6edd18f9cb, #10



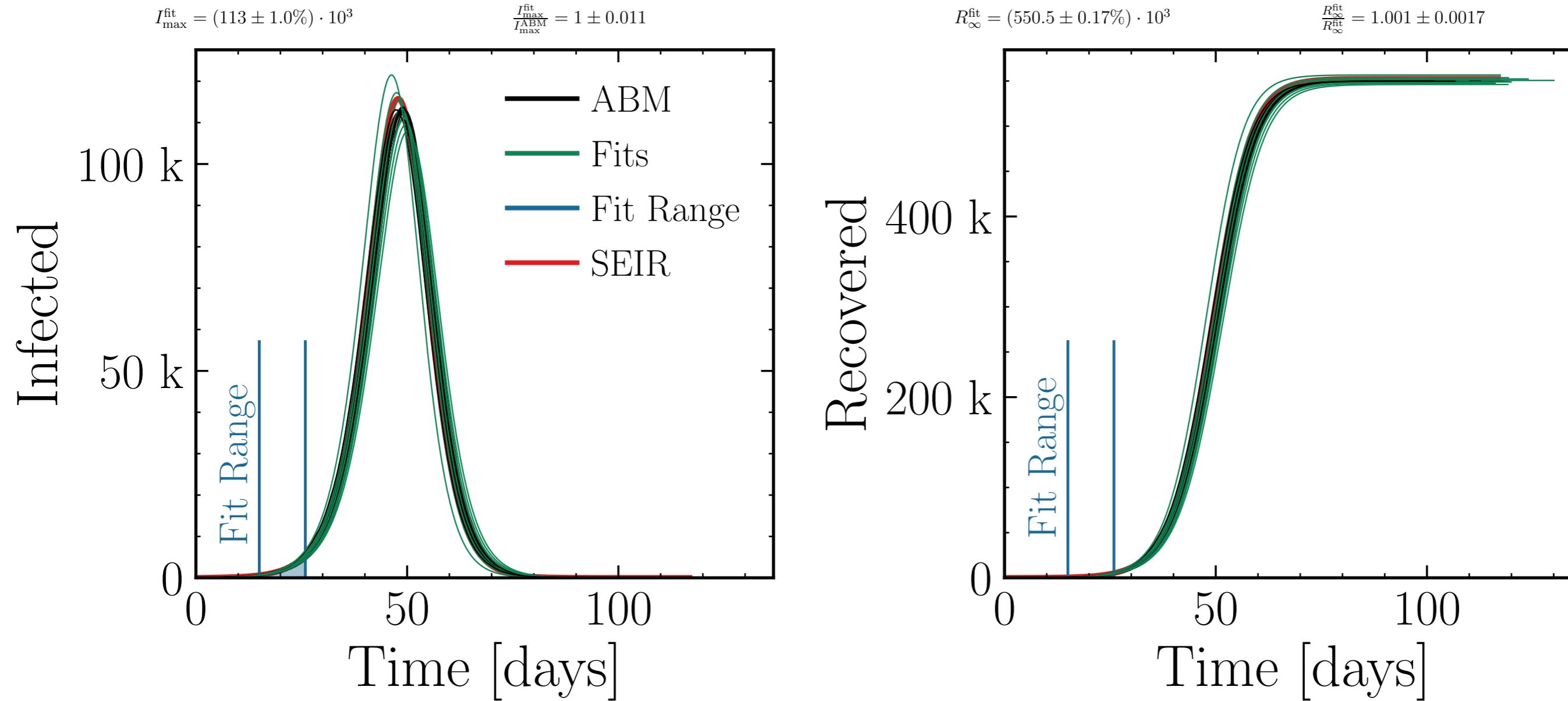
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 70$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c9233f680f, #10



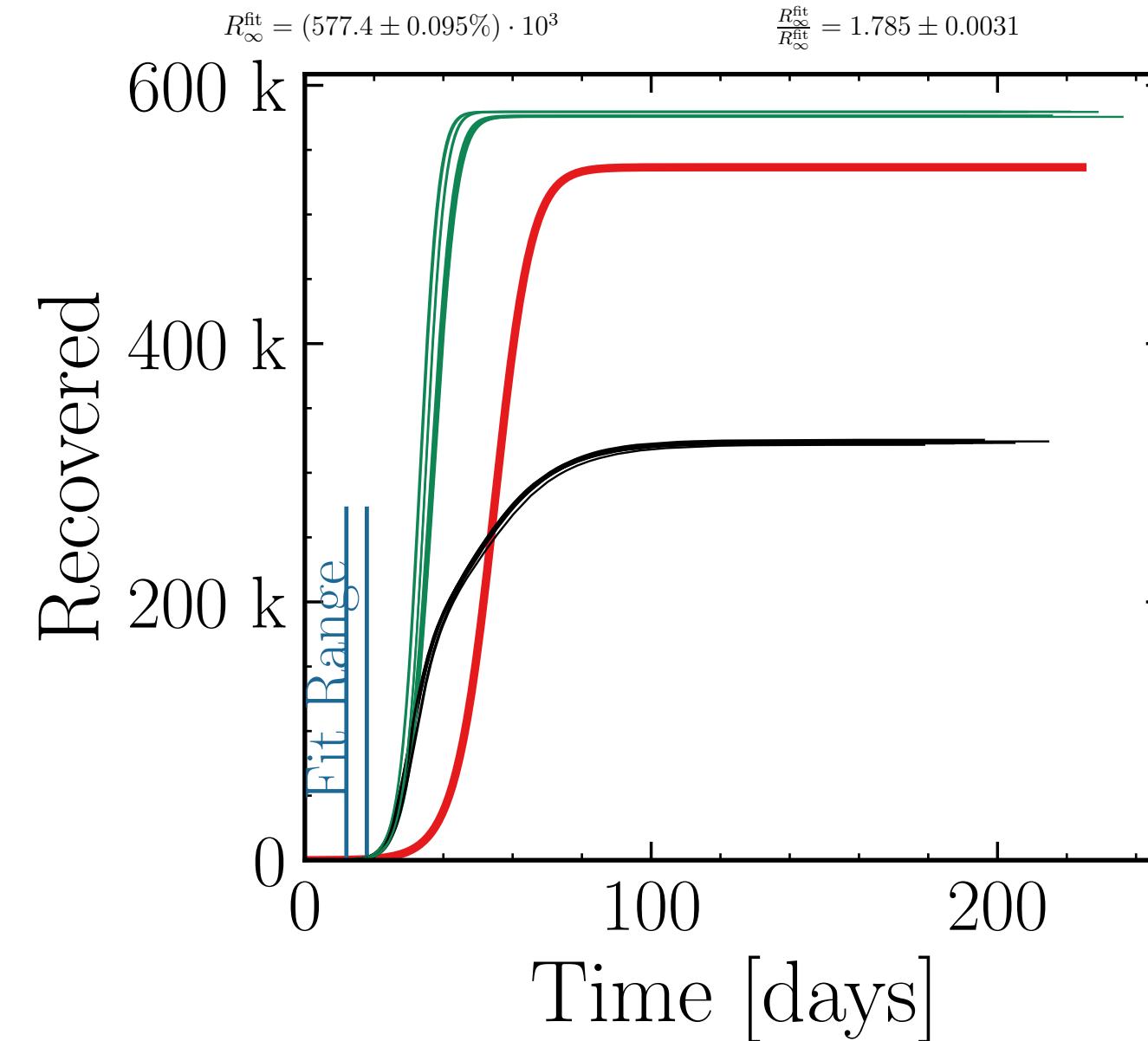
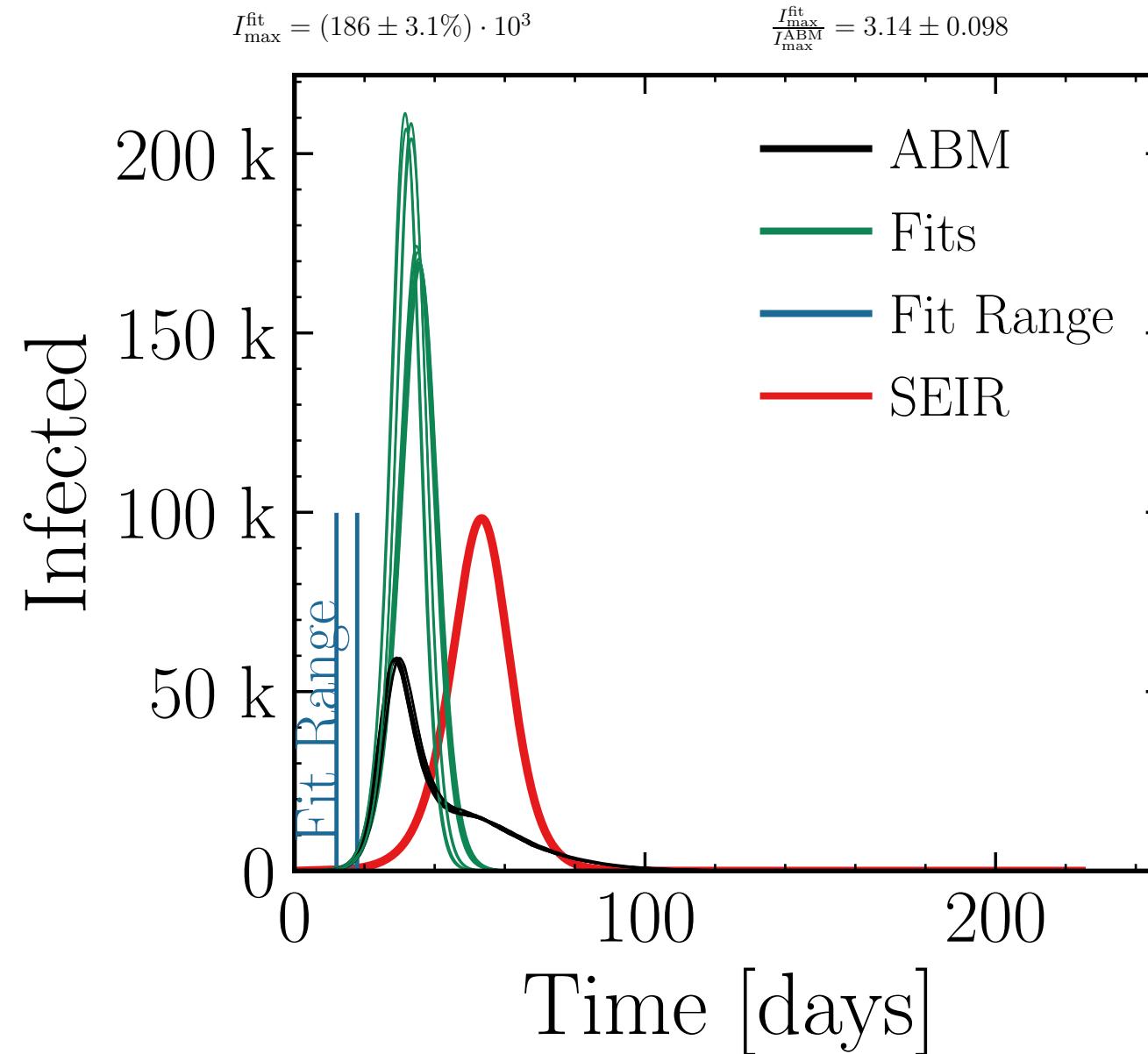
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 60$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 55e3a750ae, #10



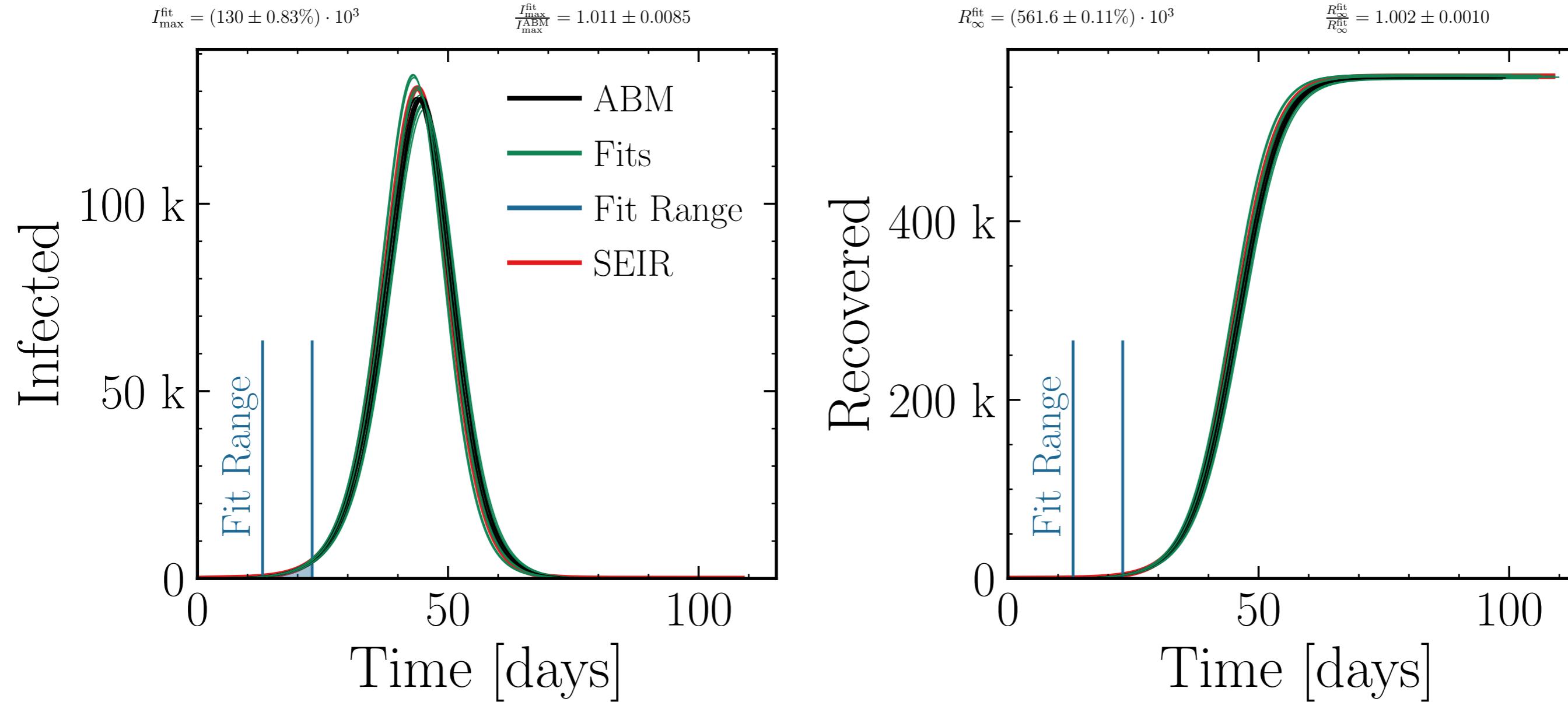
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 80$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 7c6283b1ff, #10



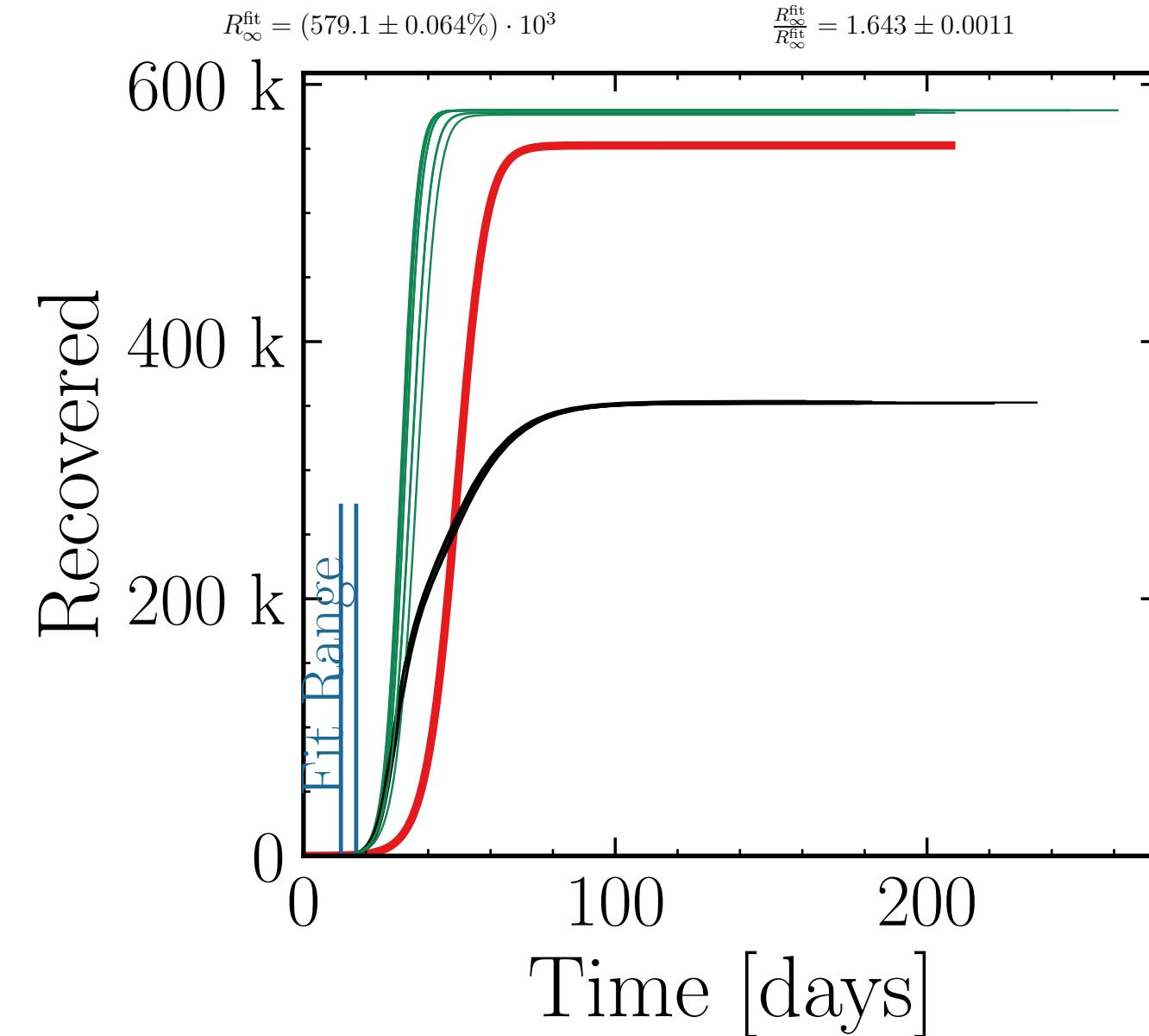
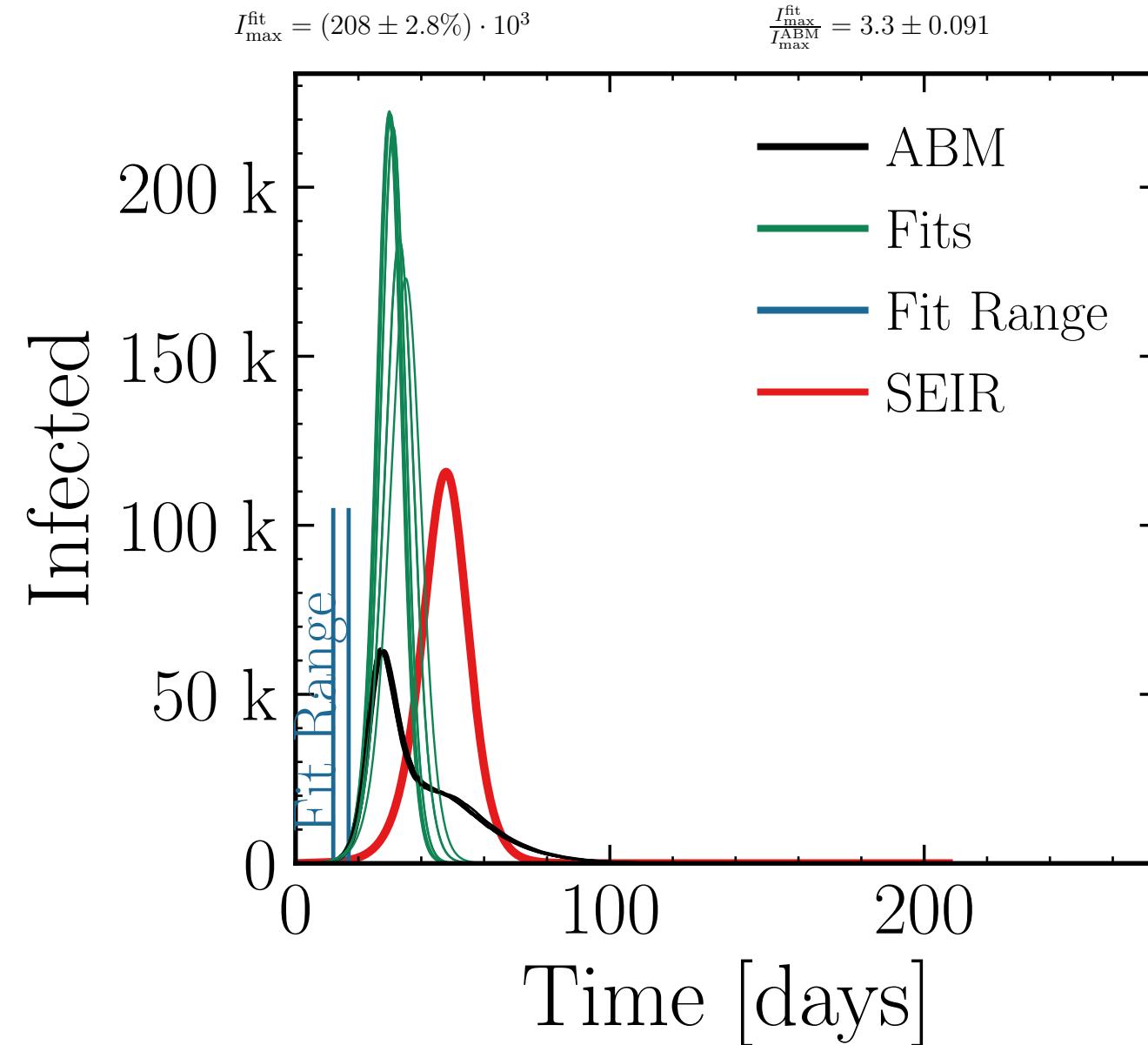
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 70$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a10e6771ea, #10



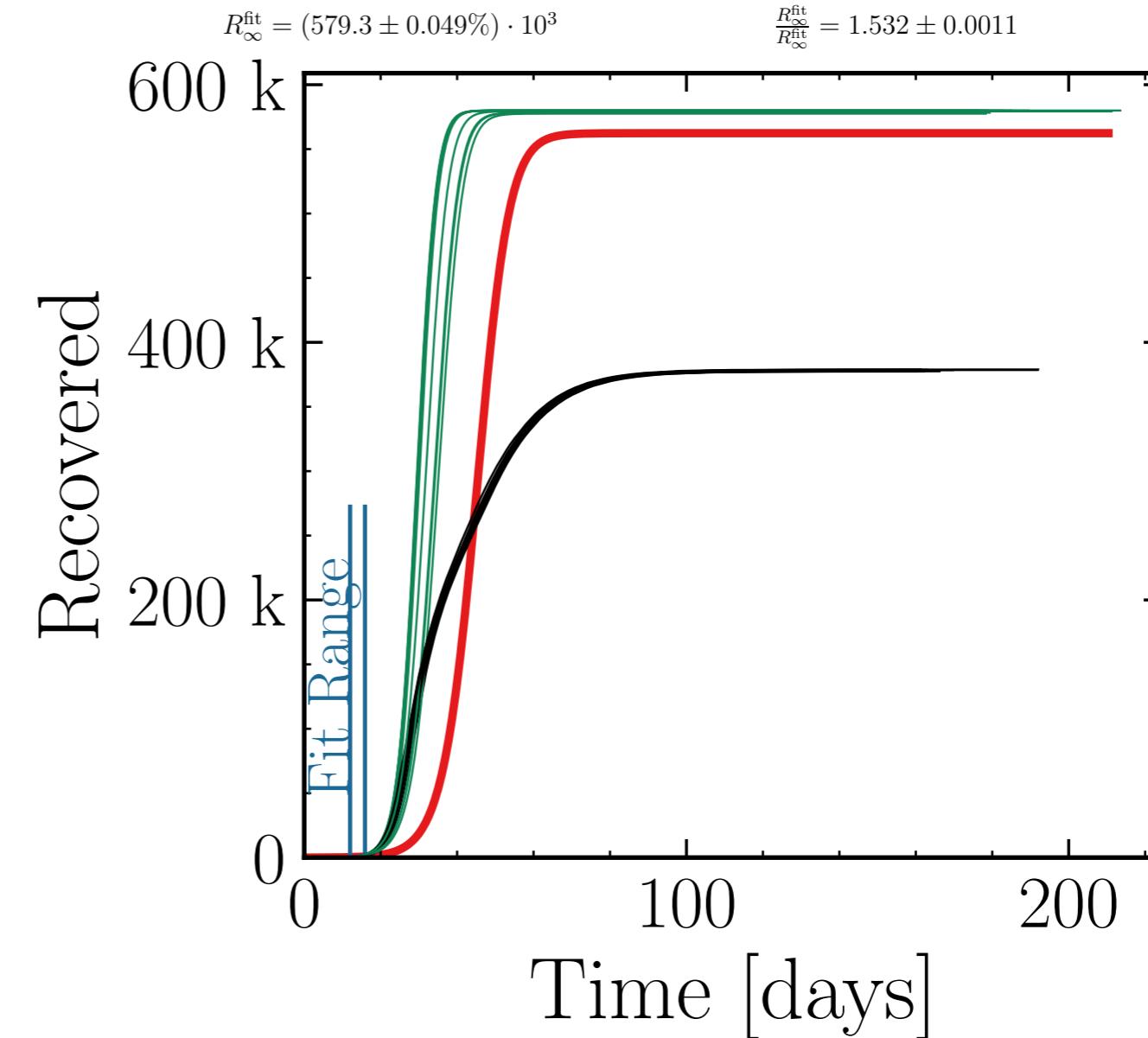
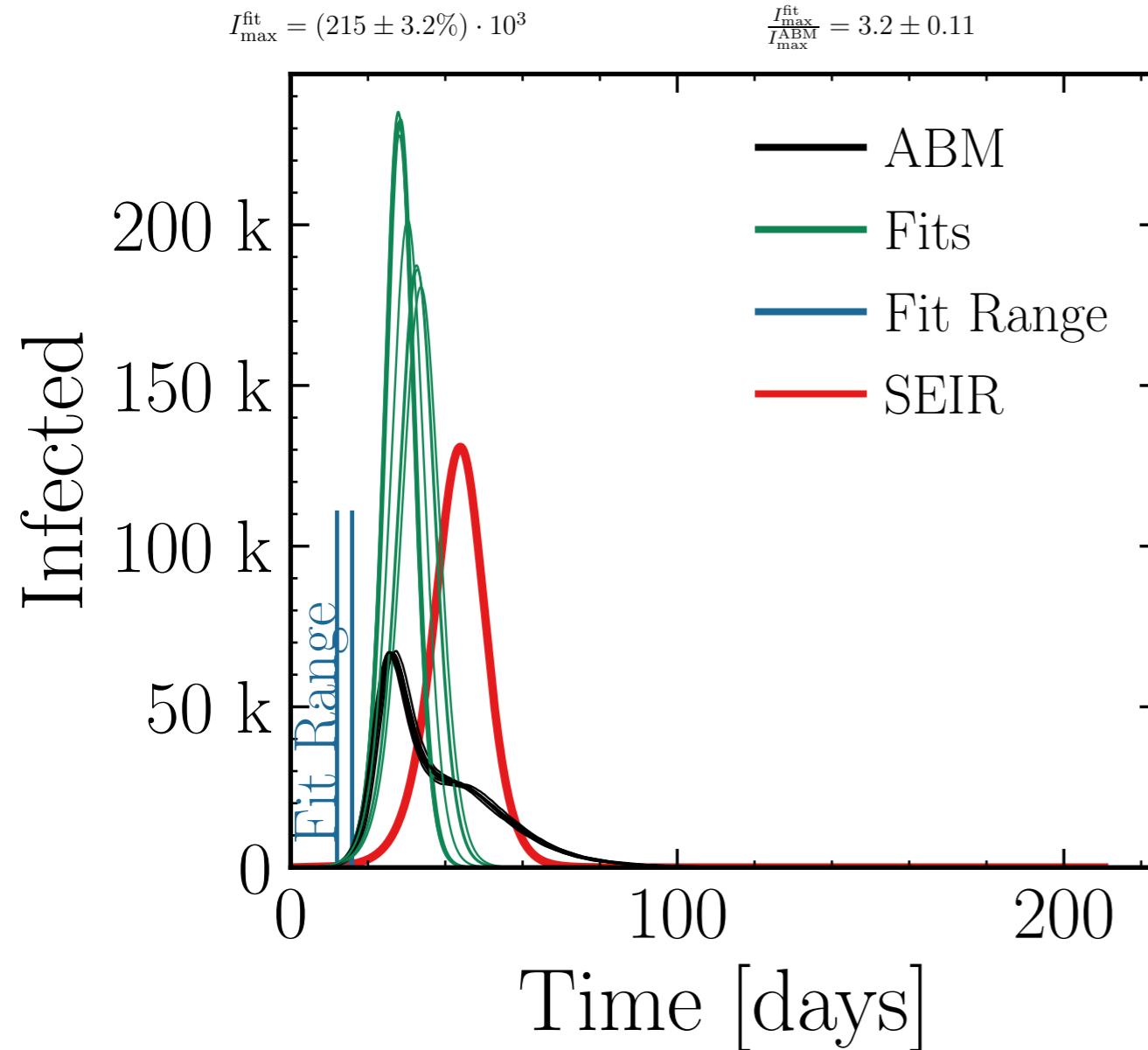
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 90$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f2e22122a4, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 80$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d519bdb05e, #10

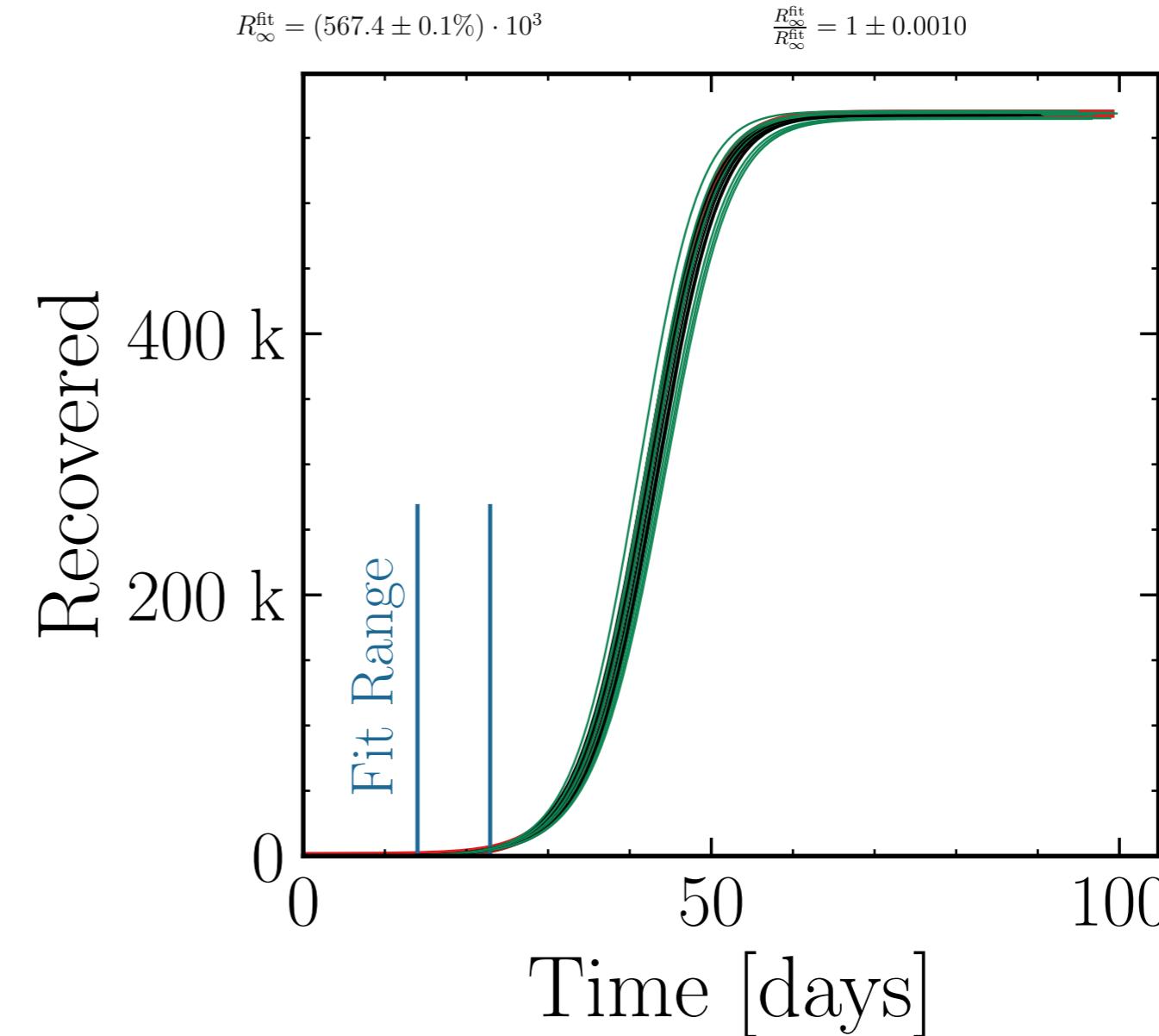
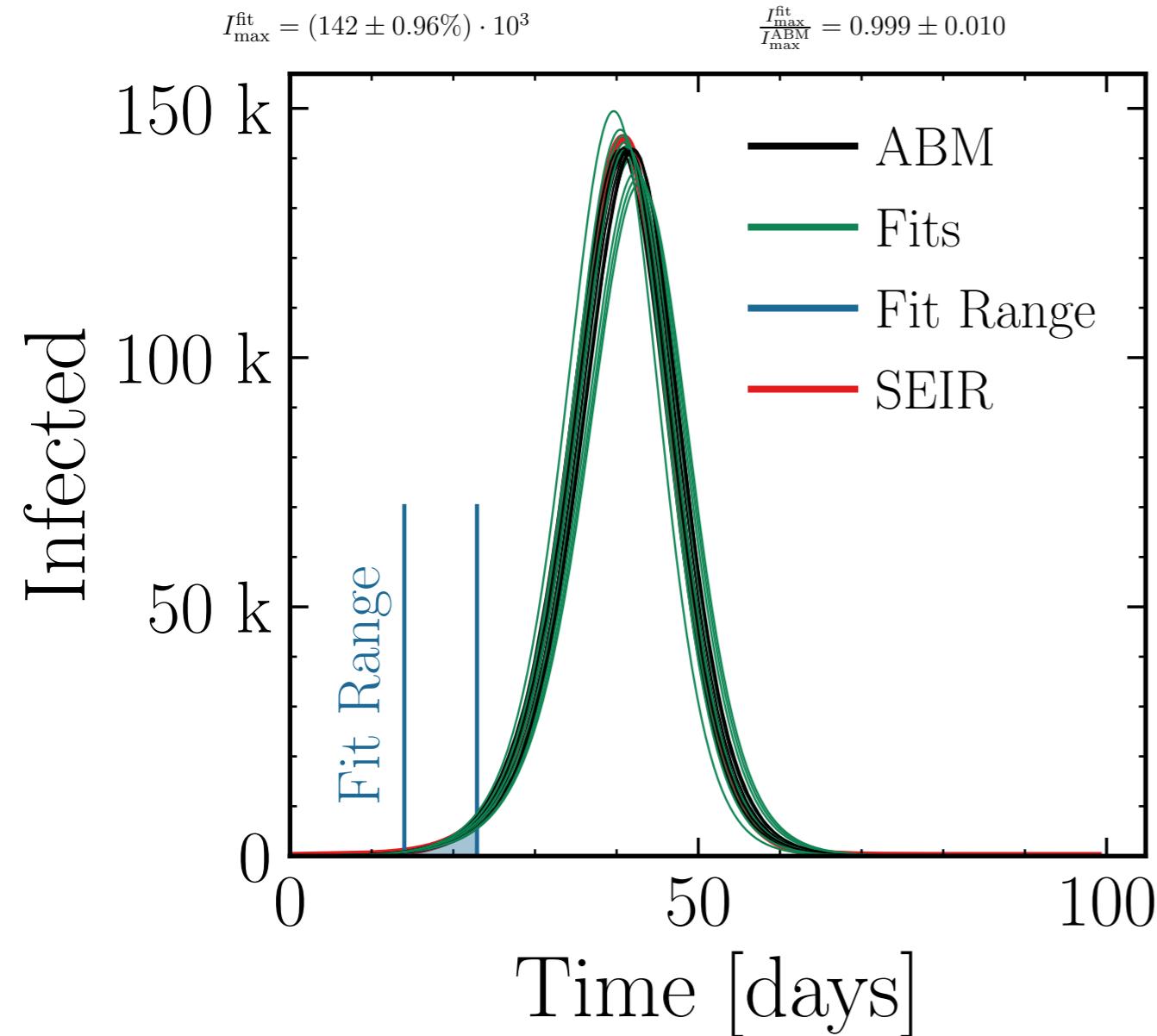


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 90$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 758804c285, #10

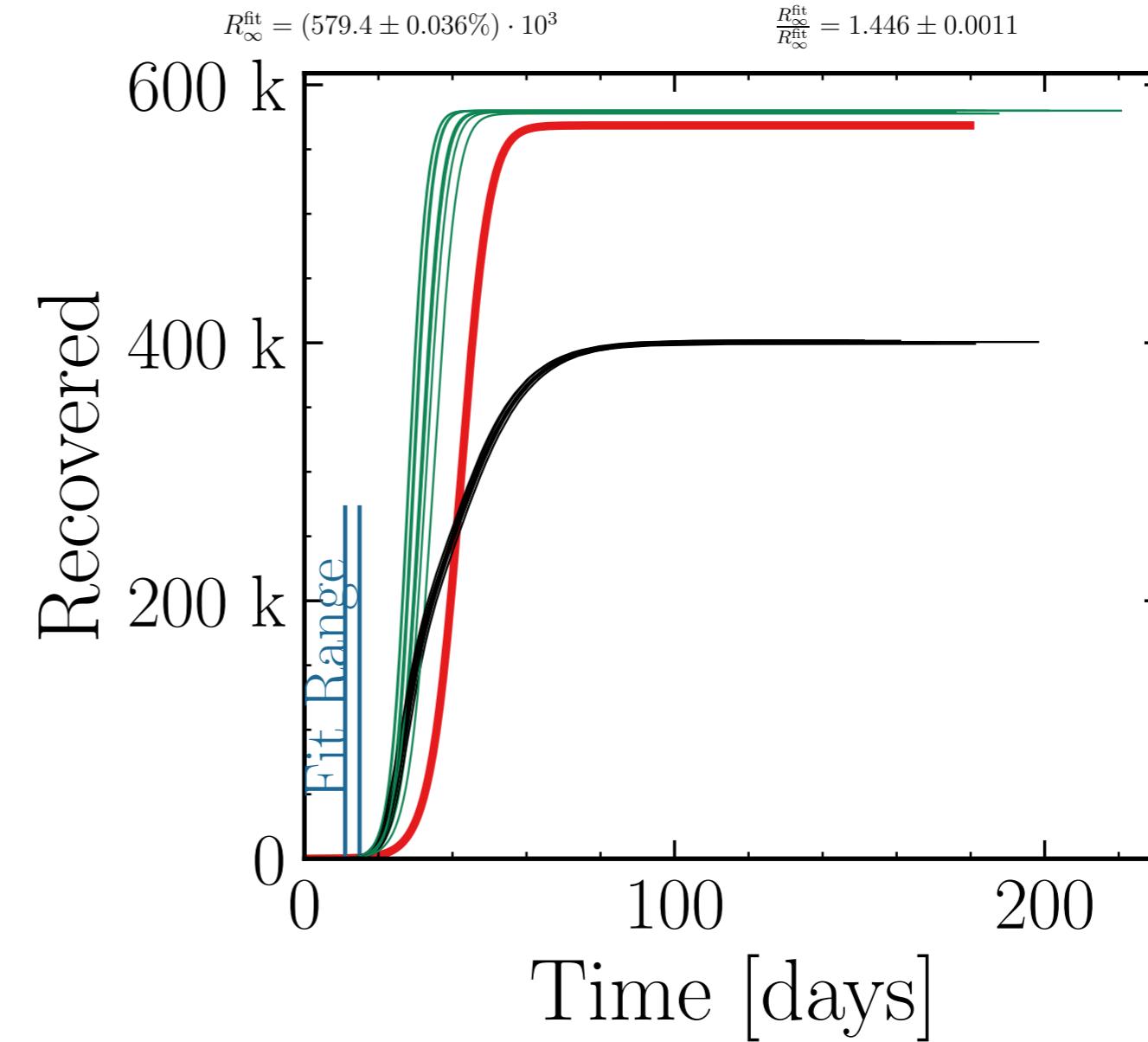
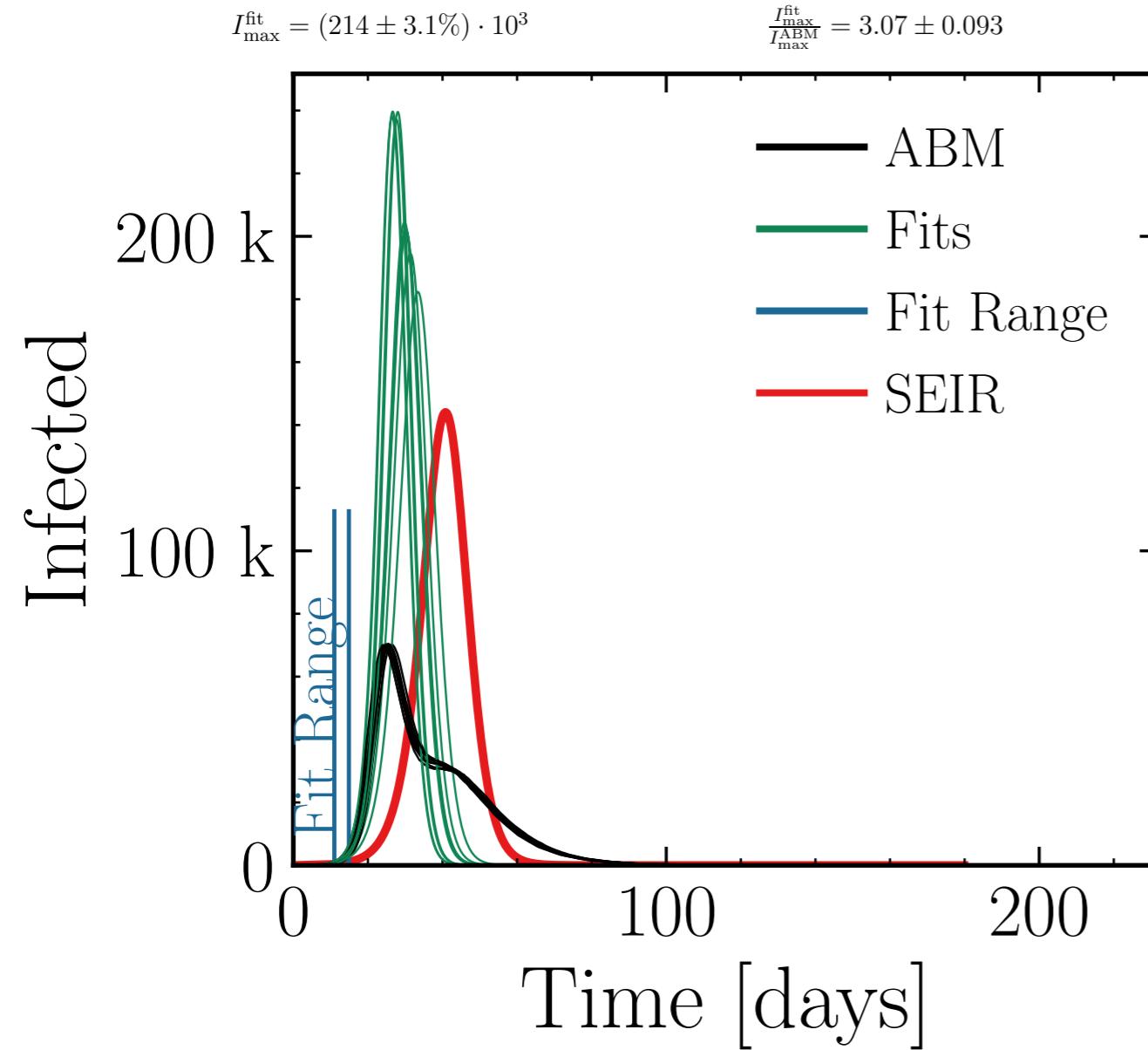


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 100$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 9aa7d8b715, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 100$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = cc1cddbb82, #10



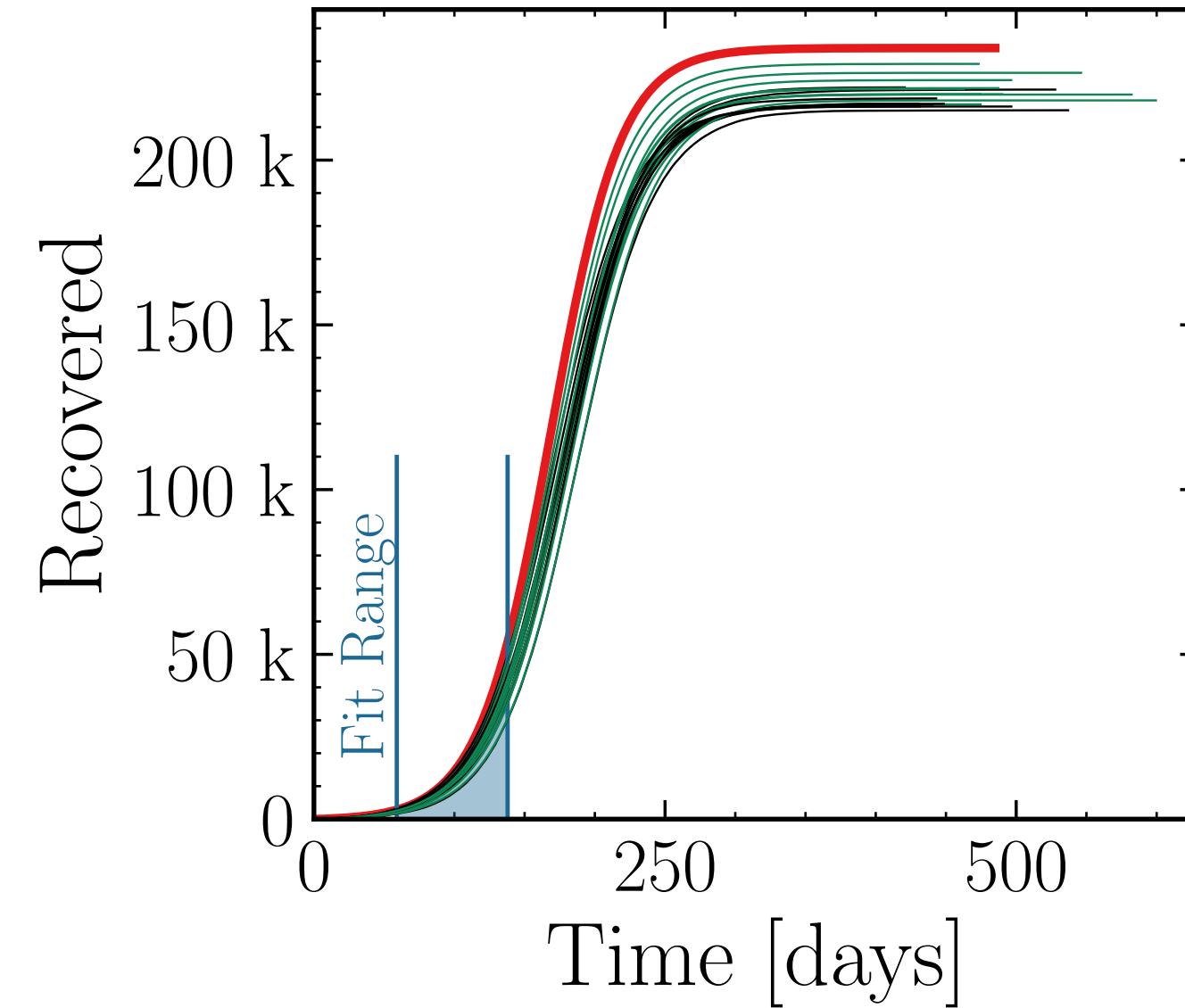
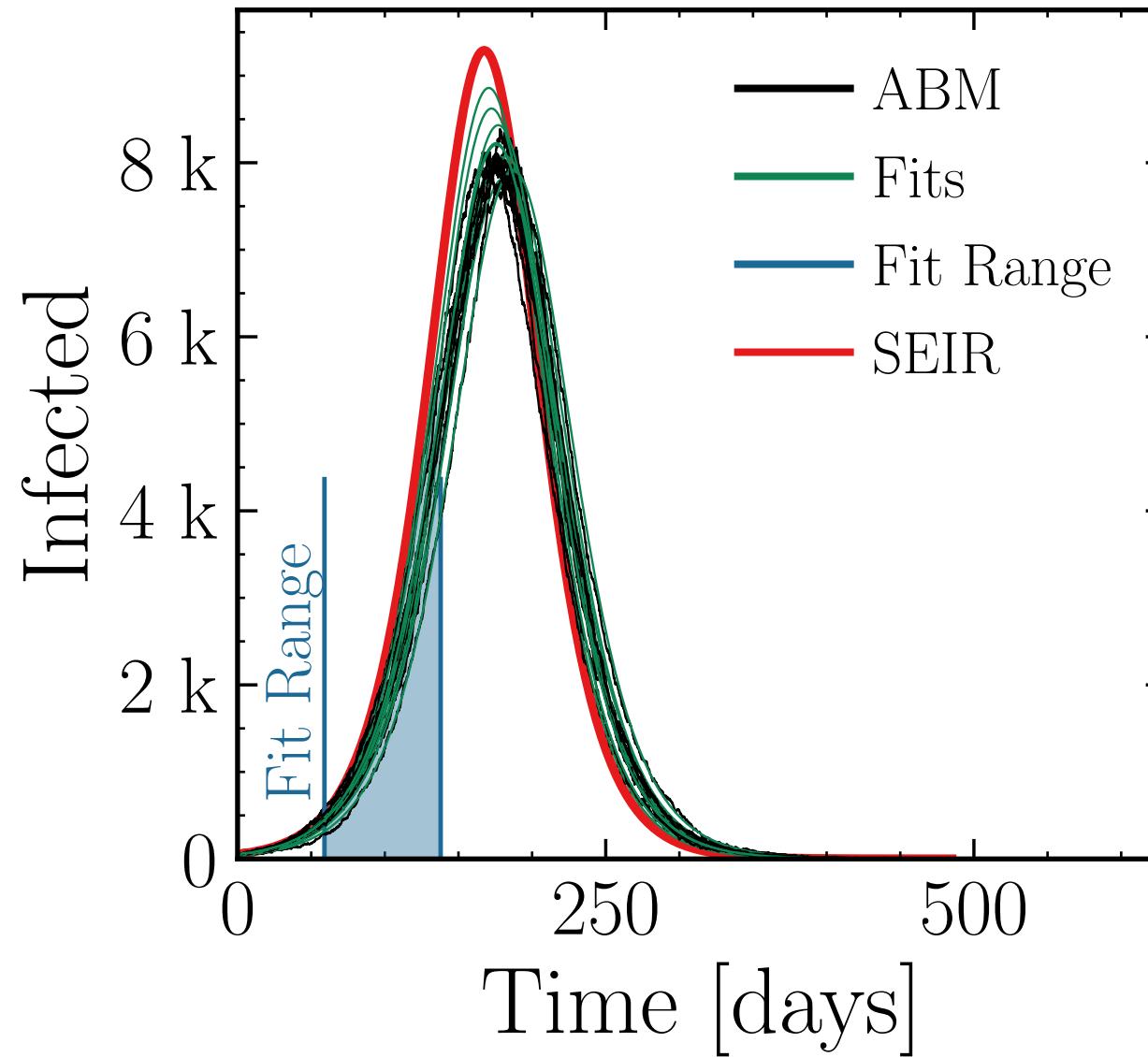
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.008$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = da63ac7aa9, #10

$$I_{\text{max}}^{\text{fit}} = (8.23 \pm 1.2\%) \cdot 10^3$$

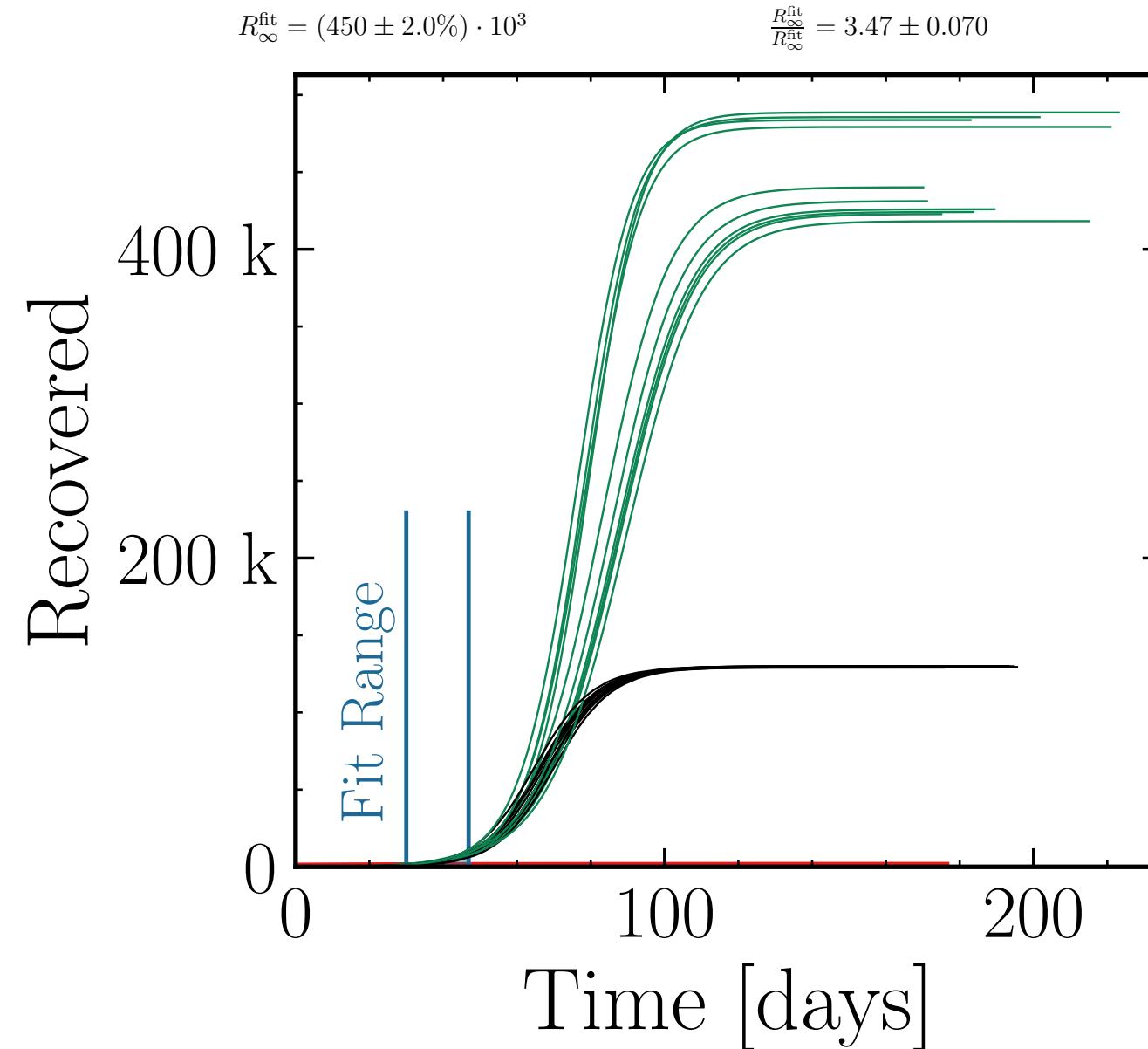
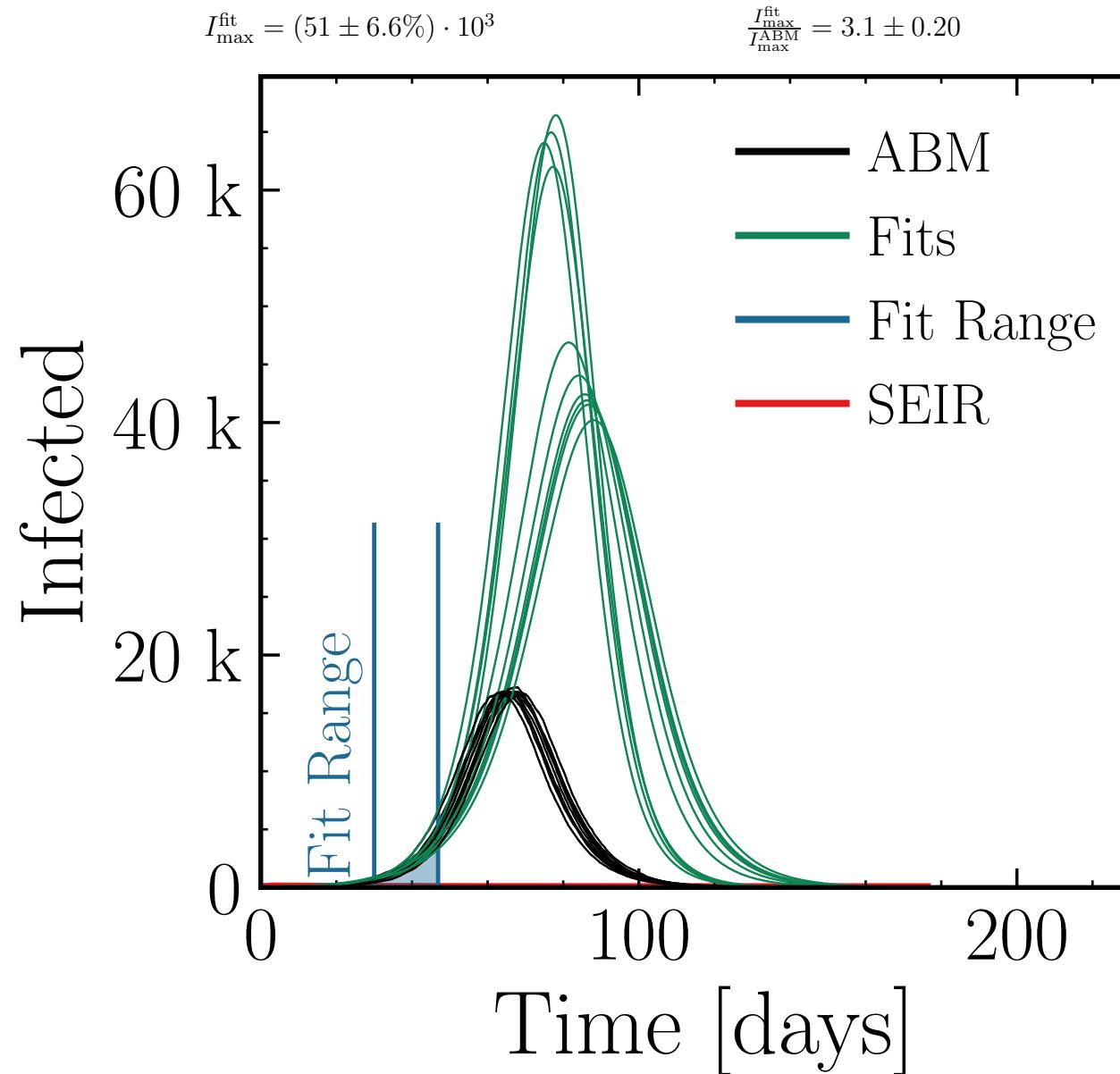
$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{max}}} = 1.02 \pm 0.013$$

$$R_{\infty}^{\text{fit}} = (222 \pm 0.52\%) \cdot 10^3$$

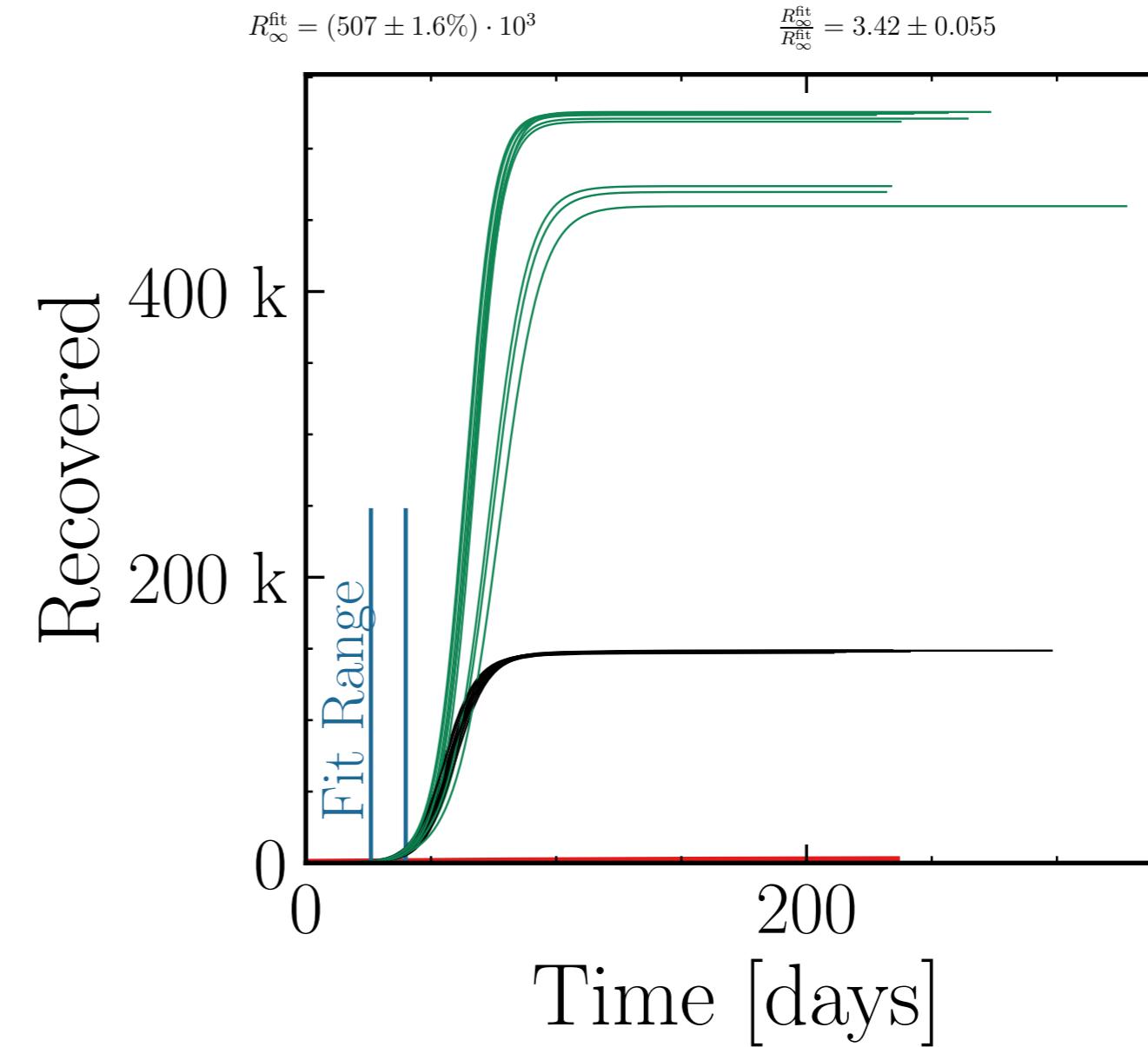
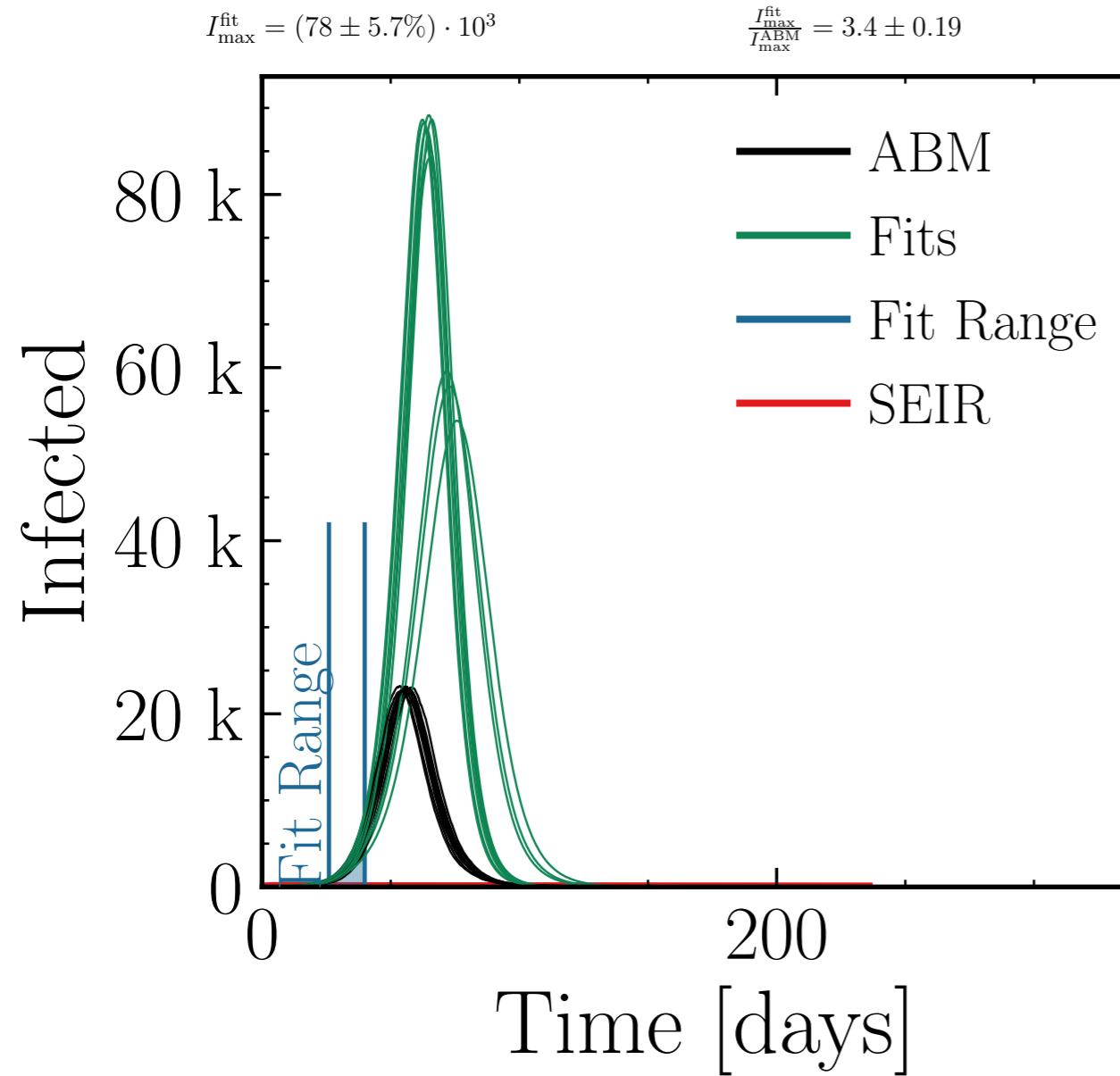
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.019 \pm 0.0063$$



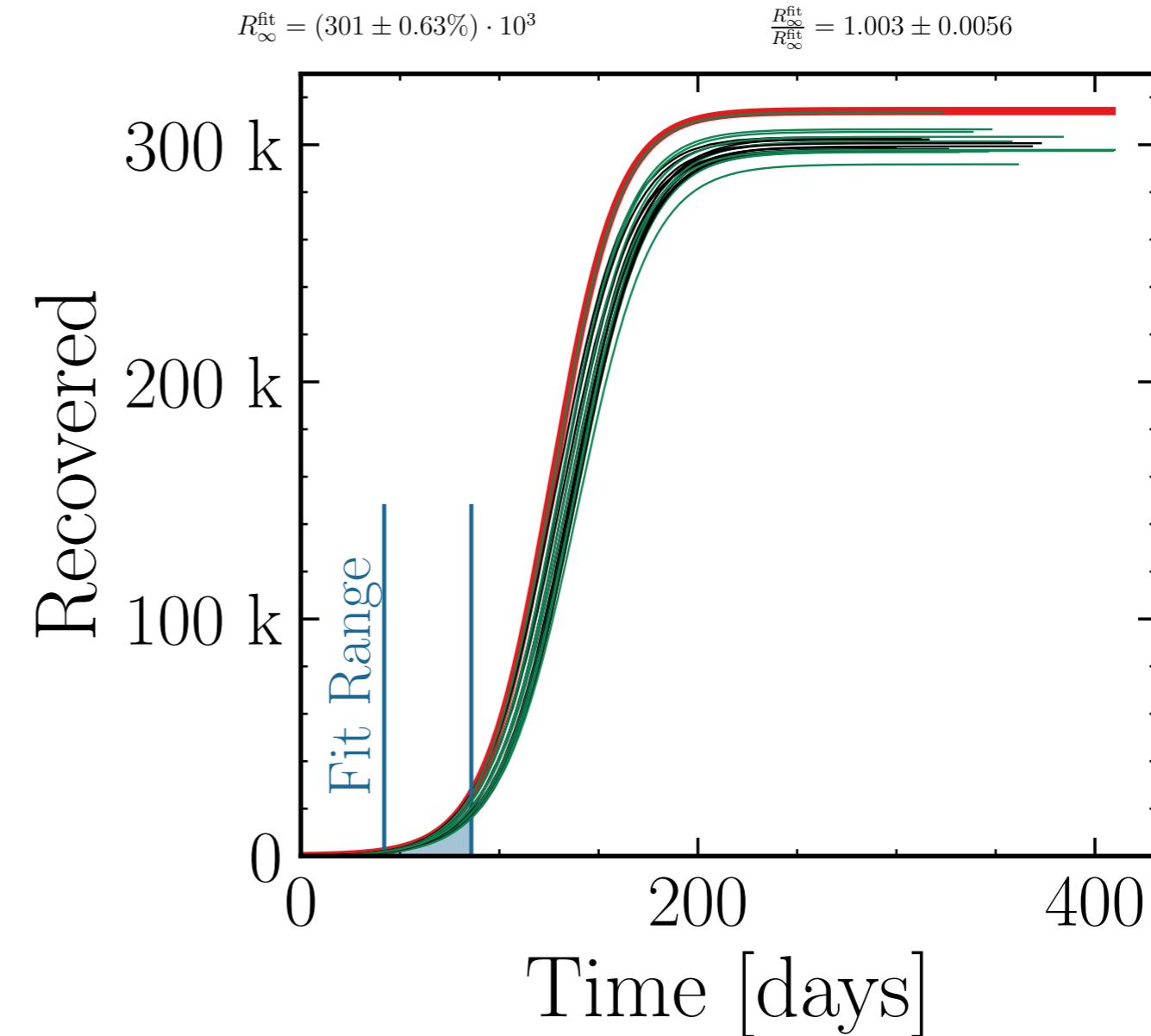
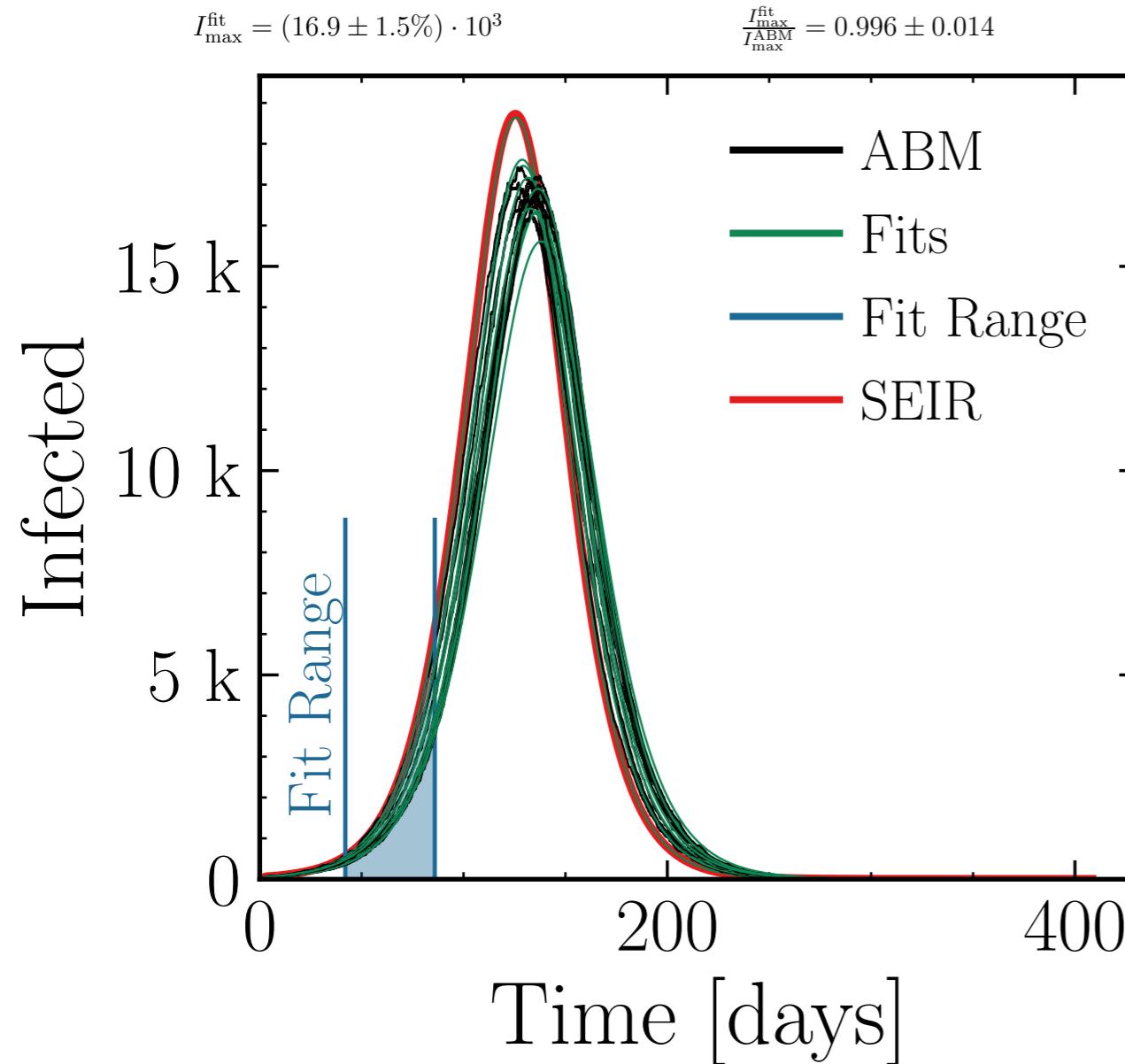
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 72db950250, #10



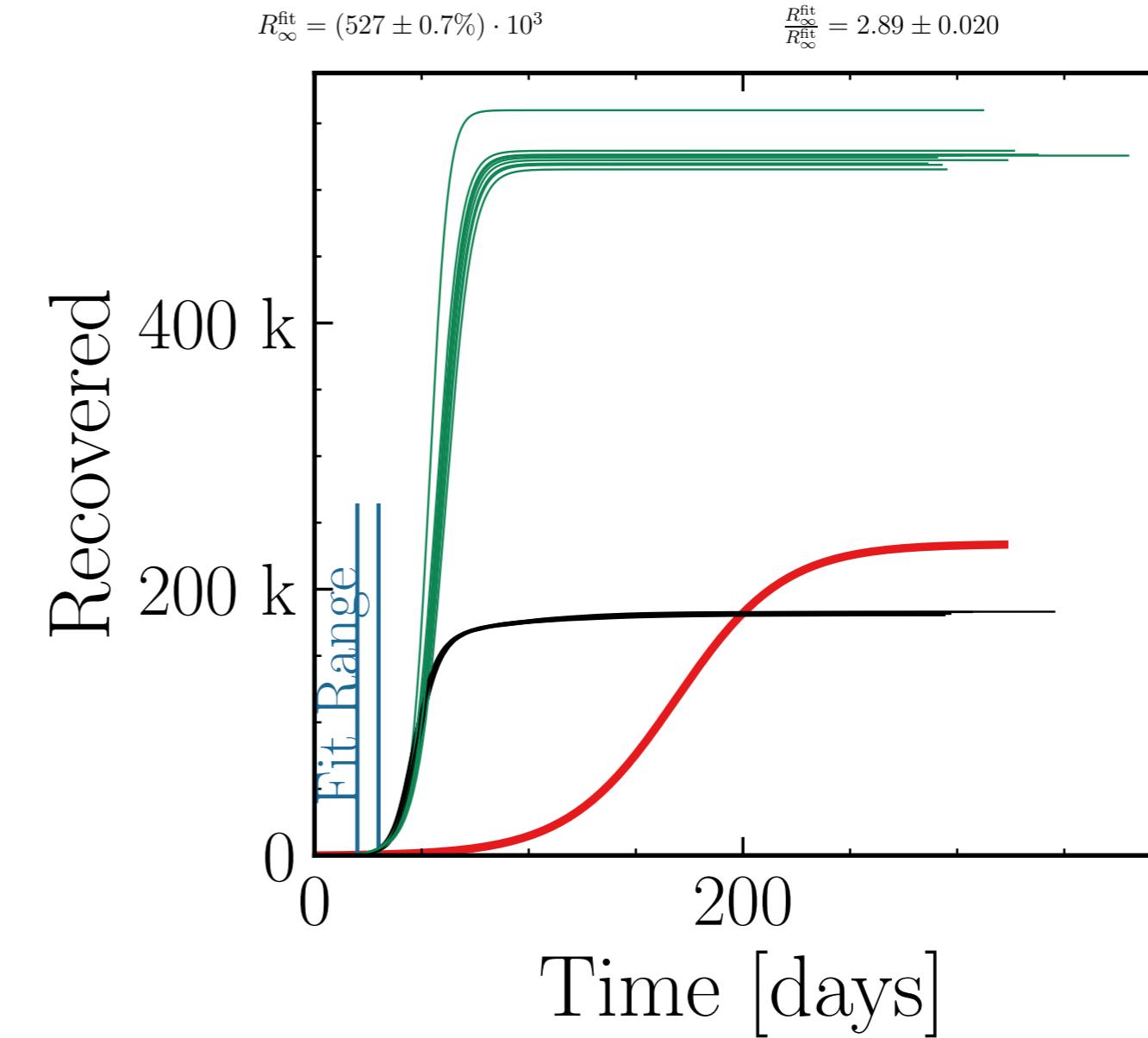
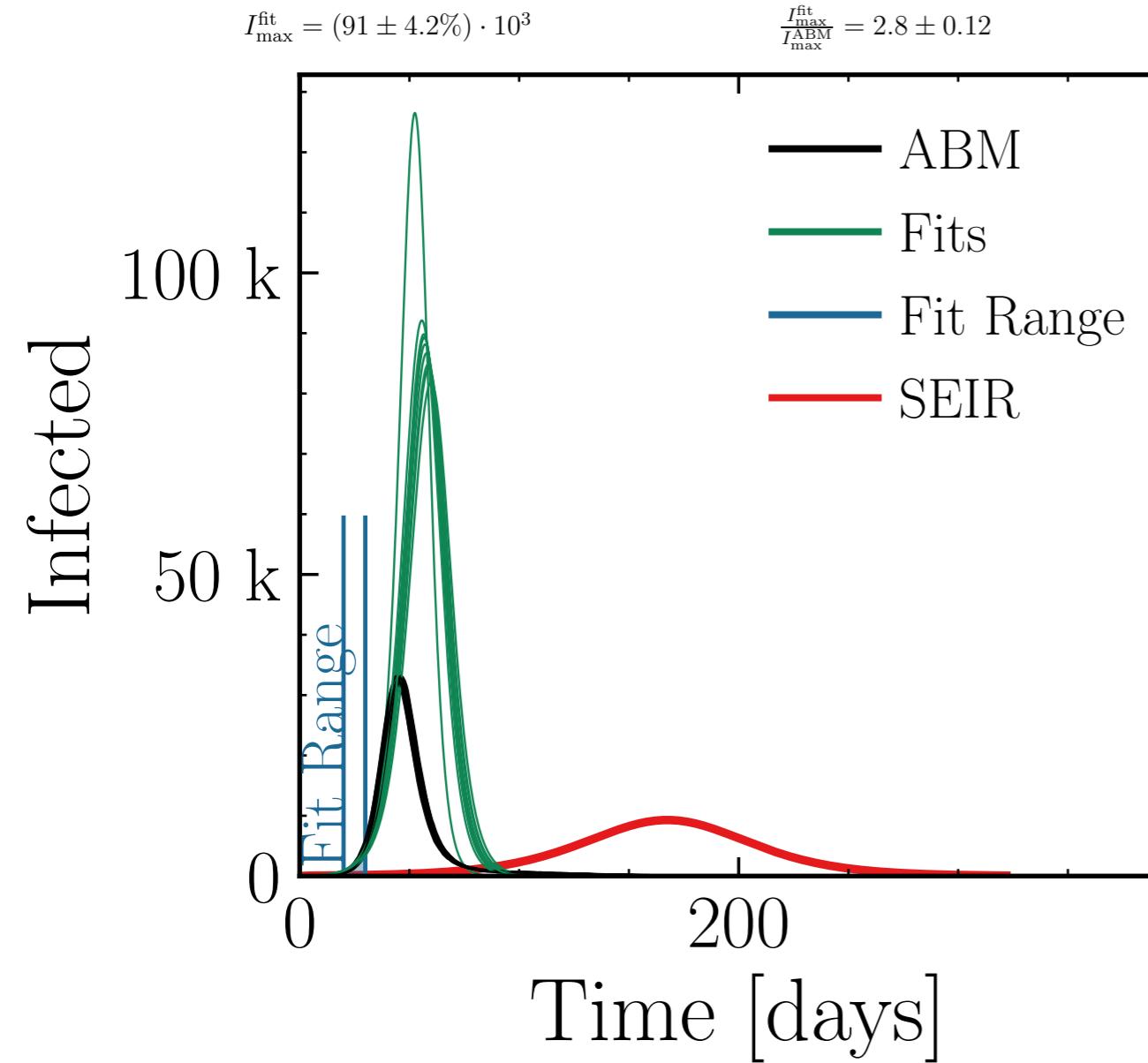
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.006$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a59f04552e, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.009$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5680c68767, #10

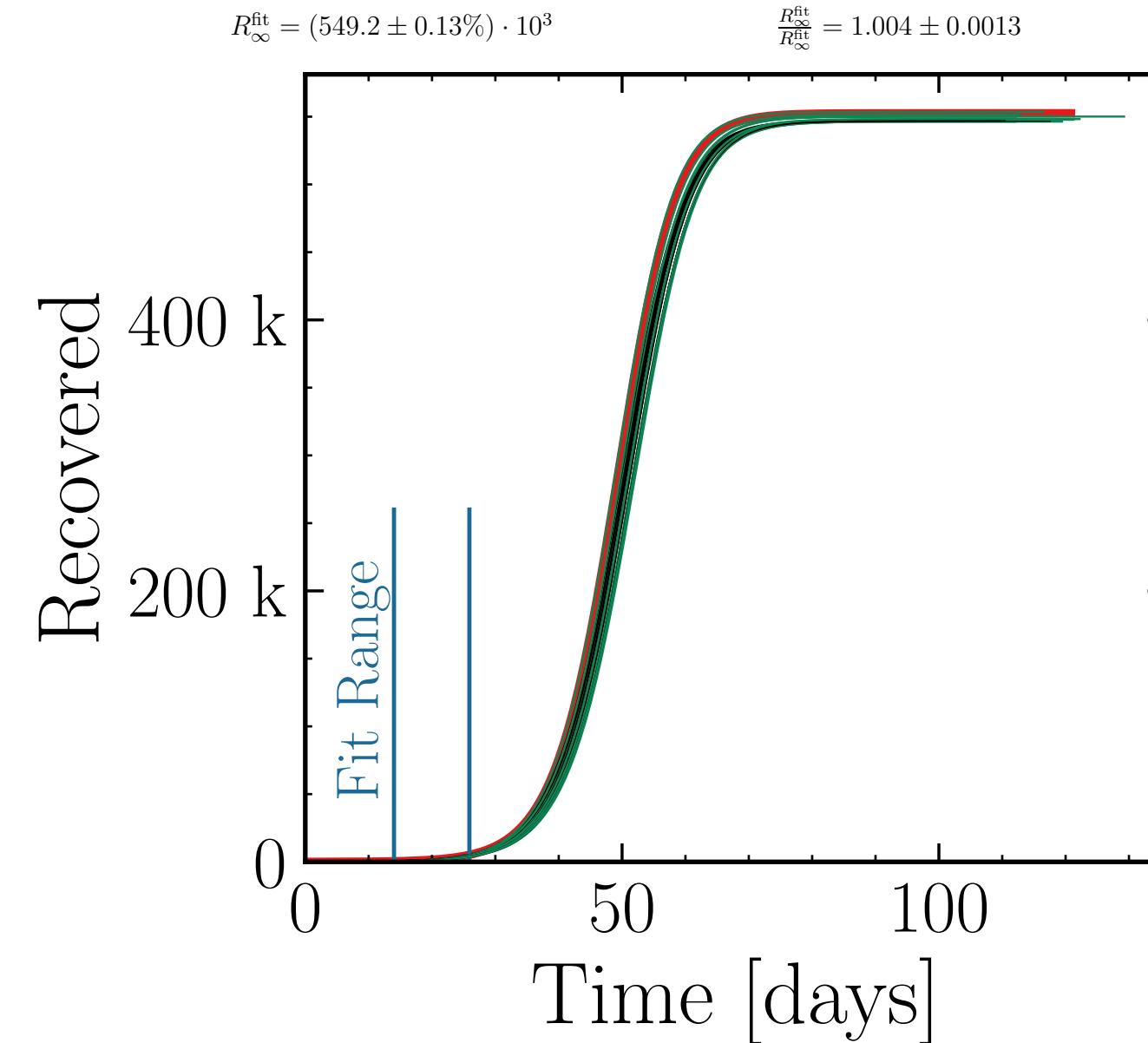
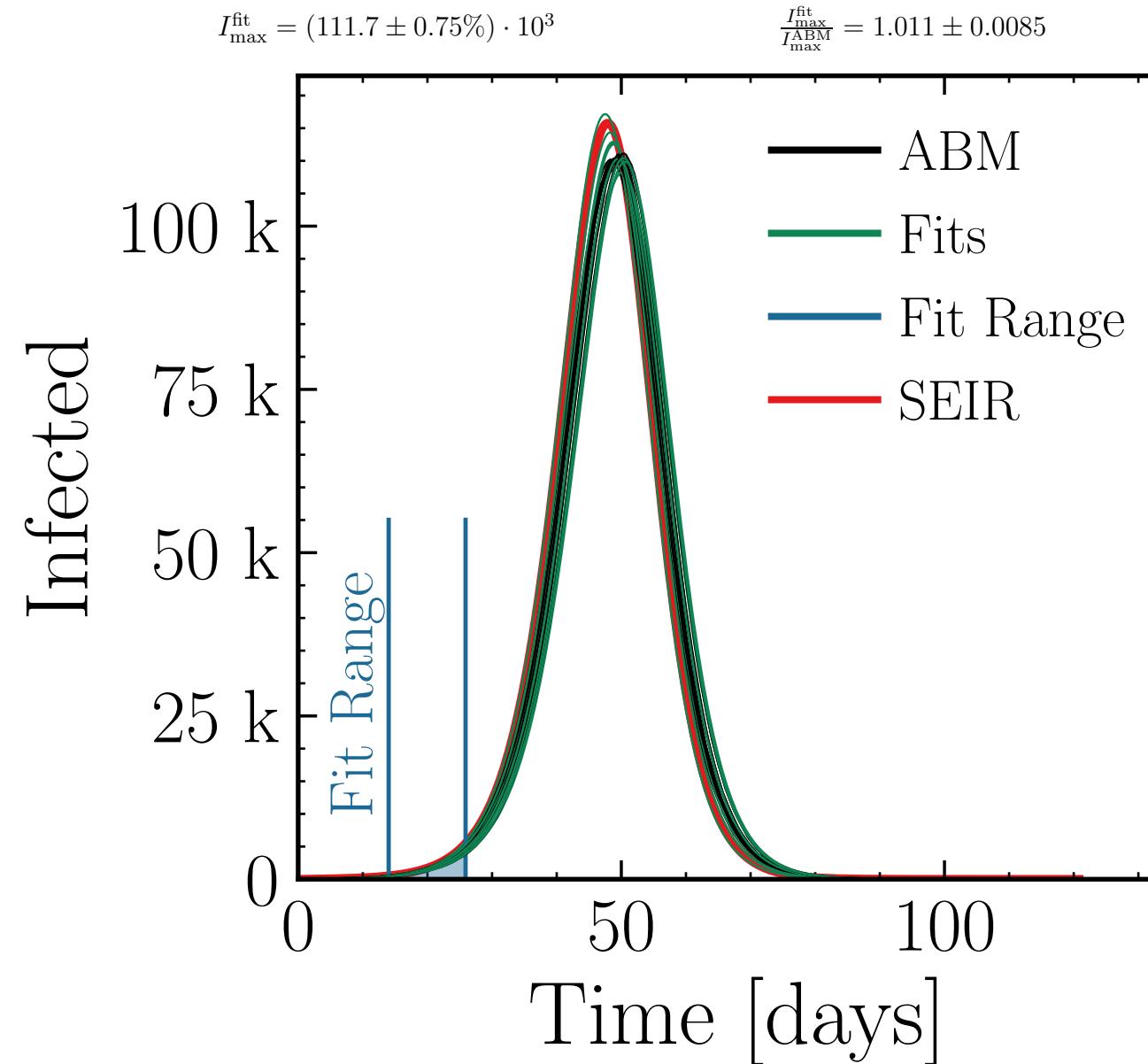


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.008$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5b1fb2b2ff, #10

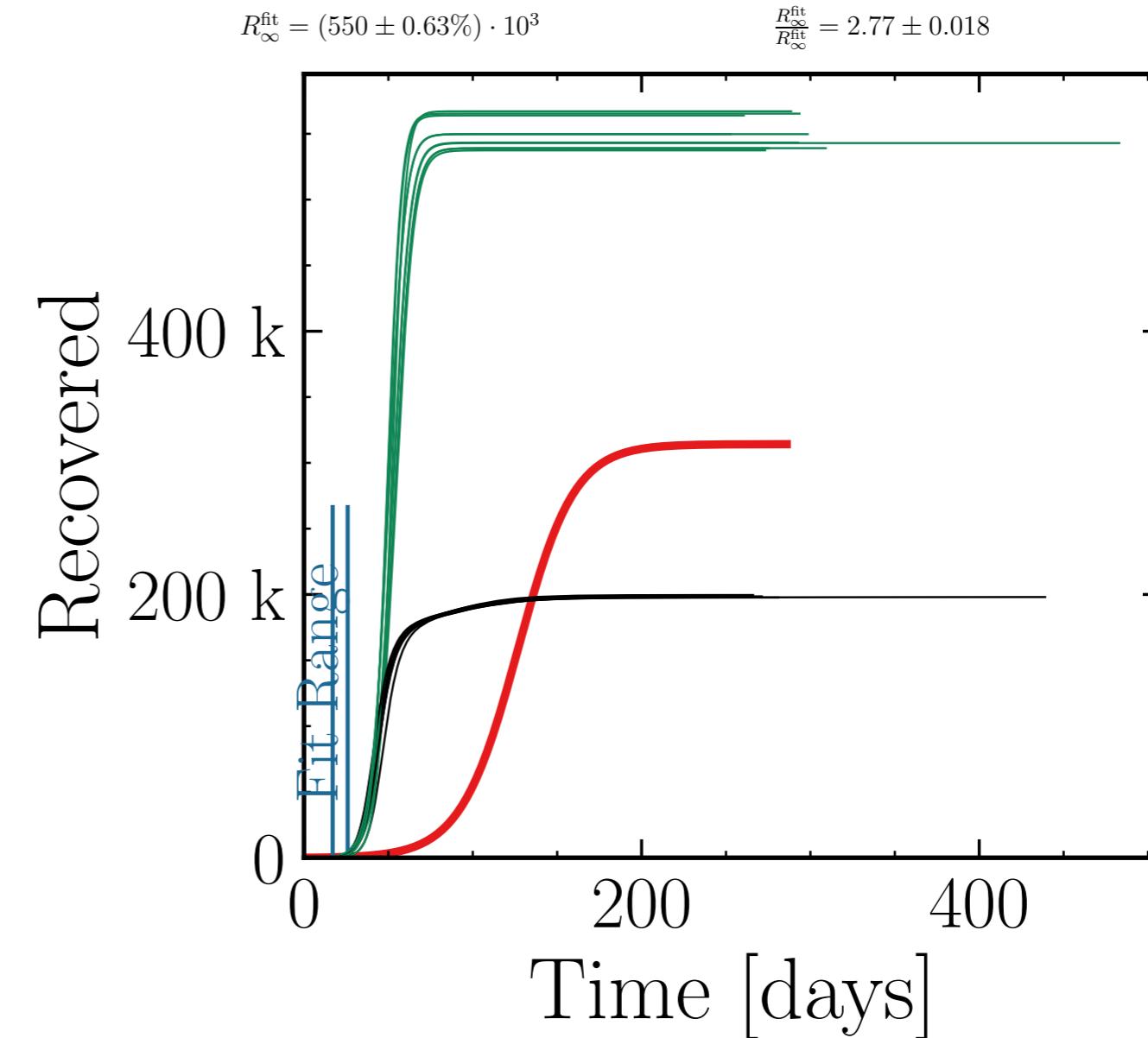
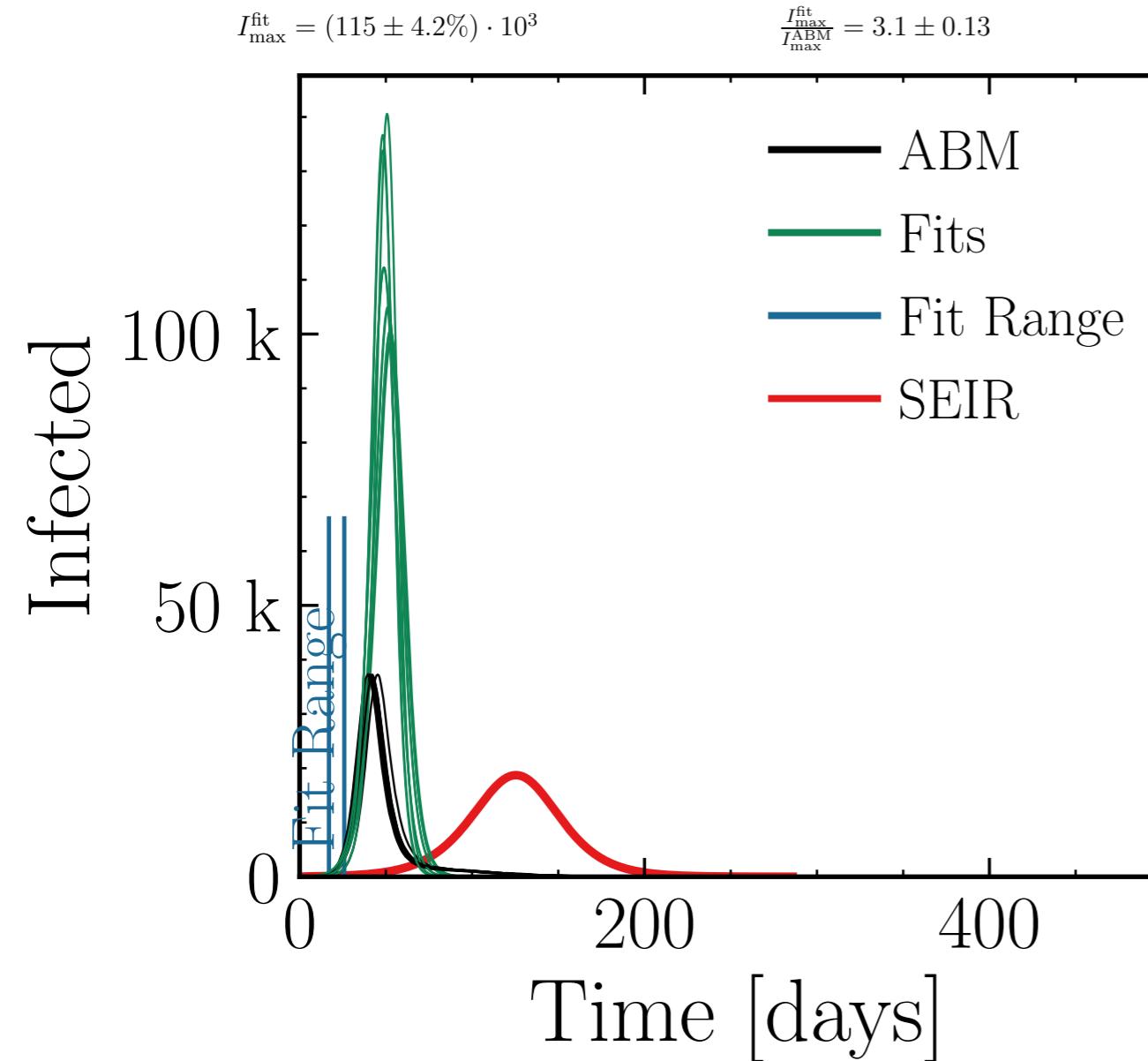


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

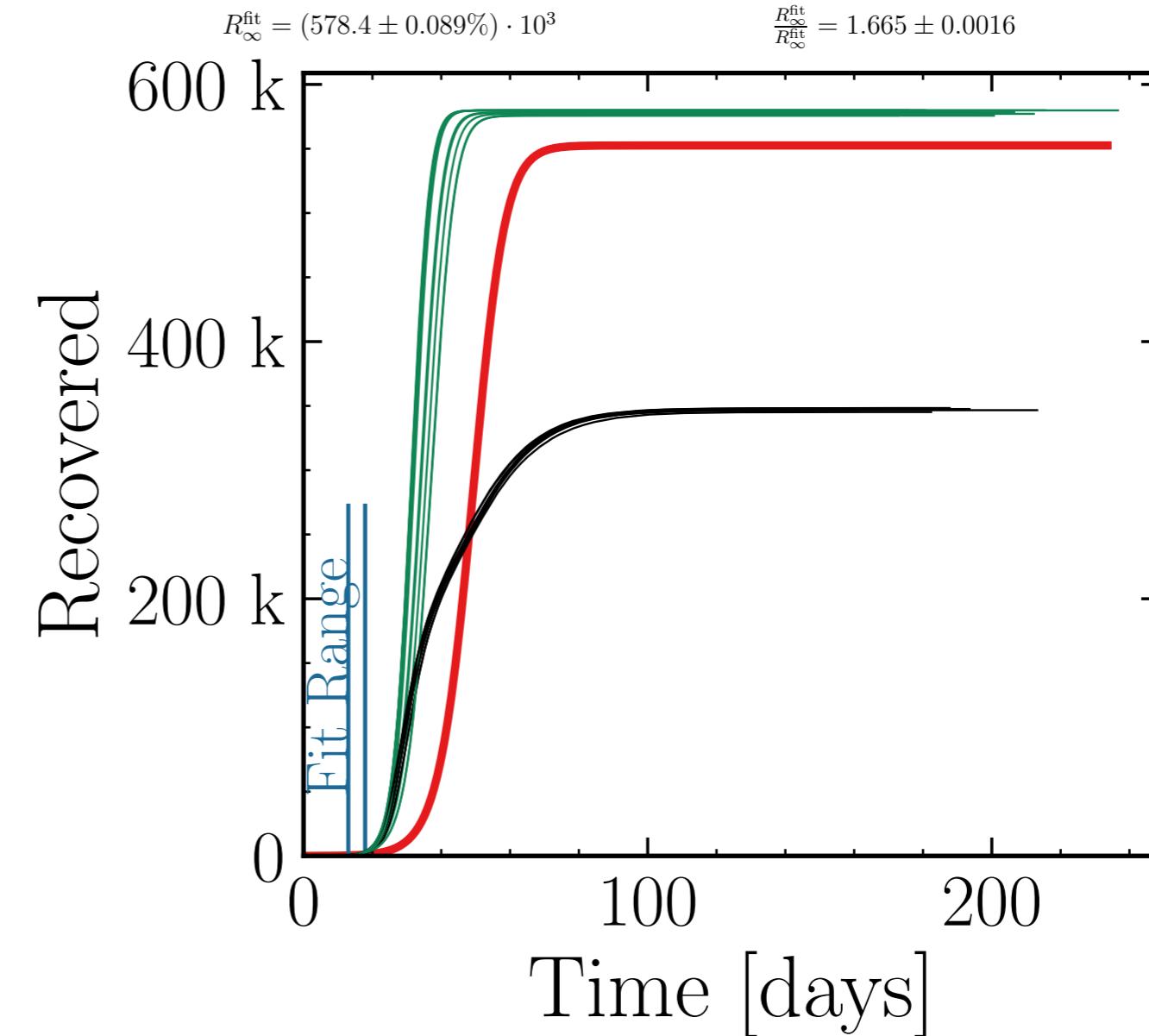
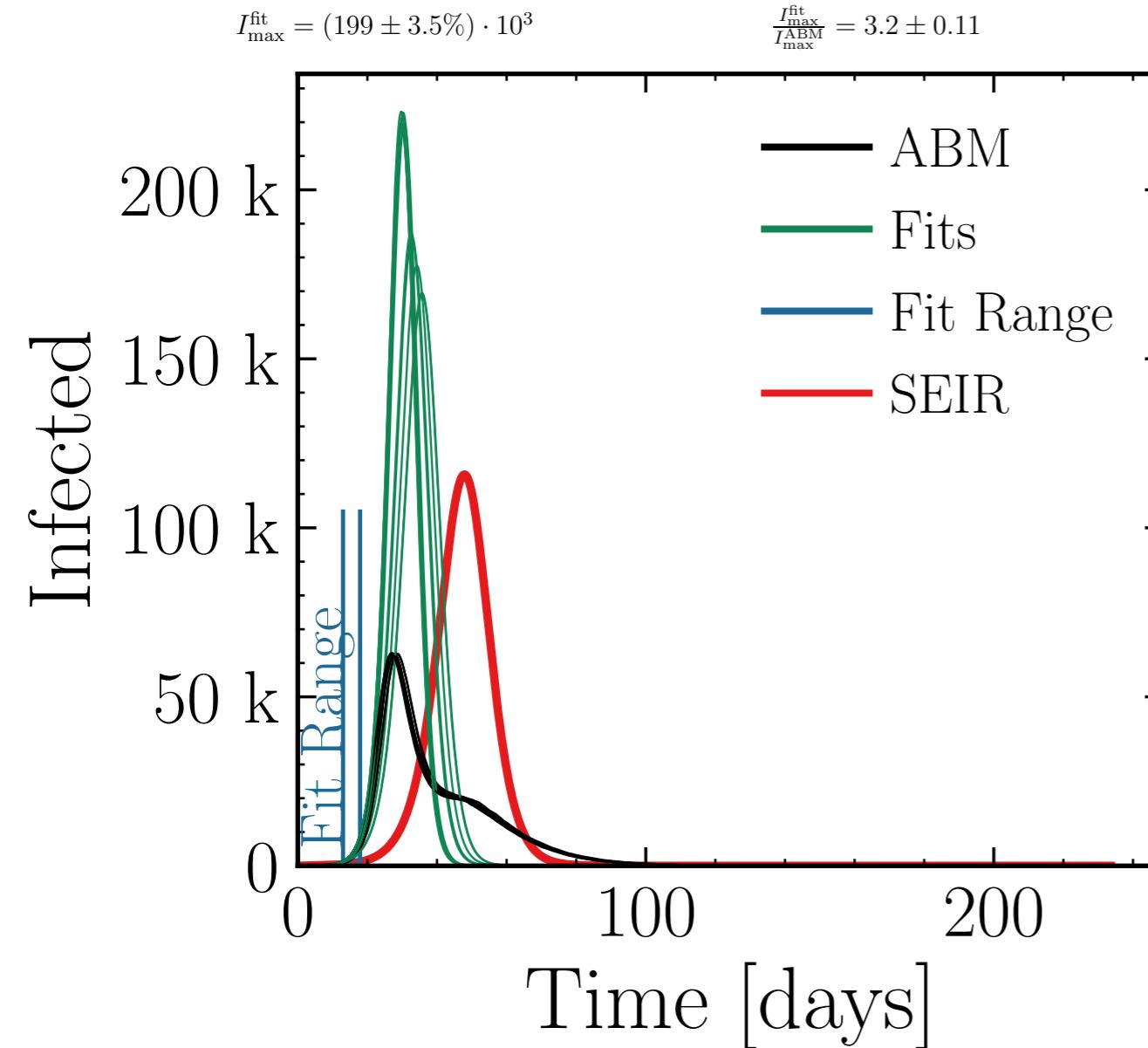
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6d9b6f9442, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.009$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 2691729290, #10

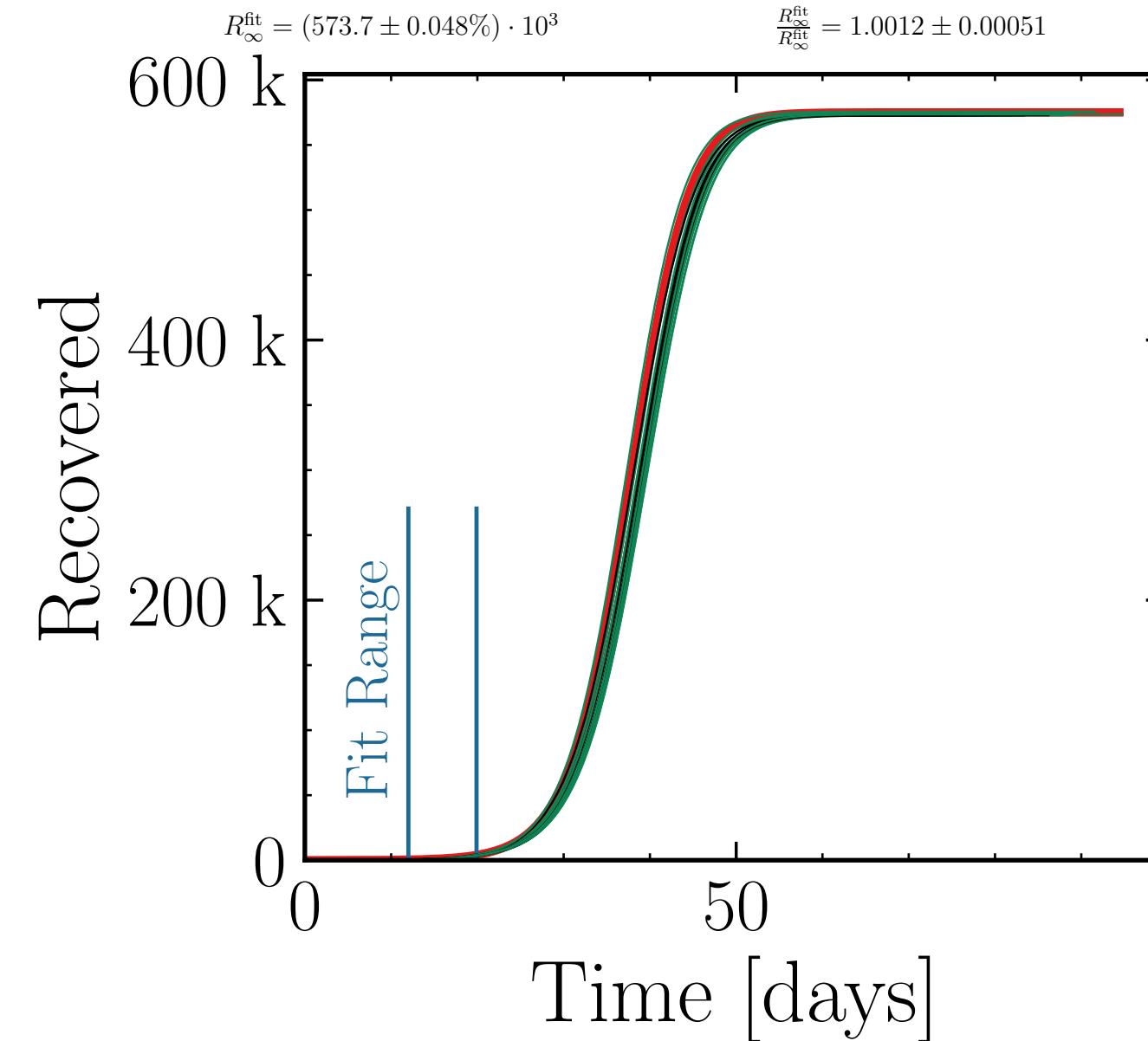
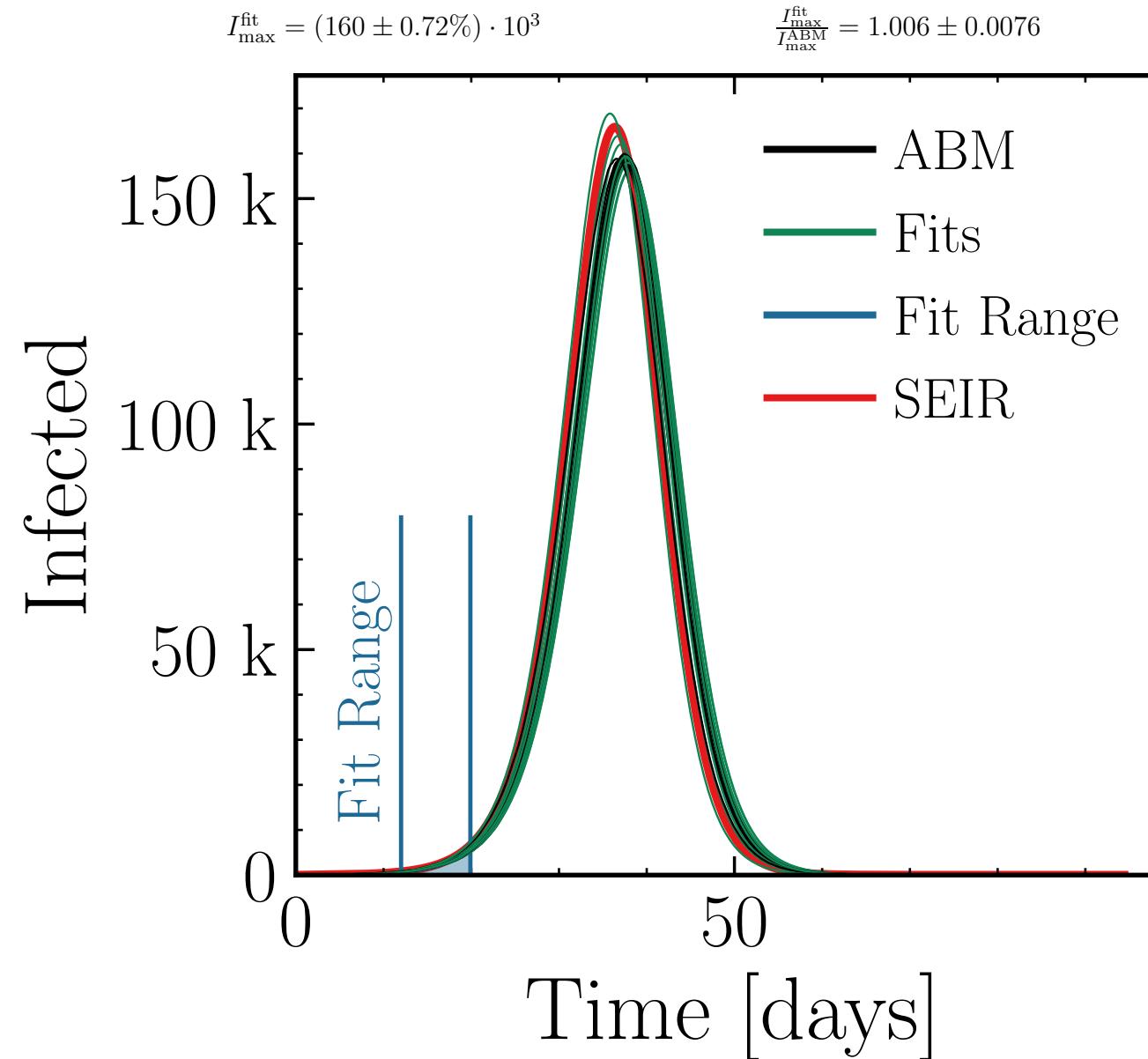


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = e09e7ba4ec, #10

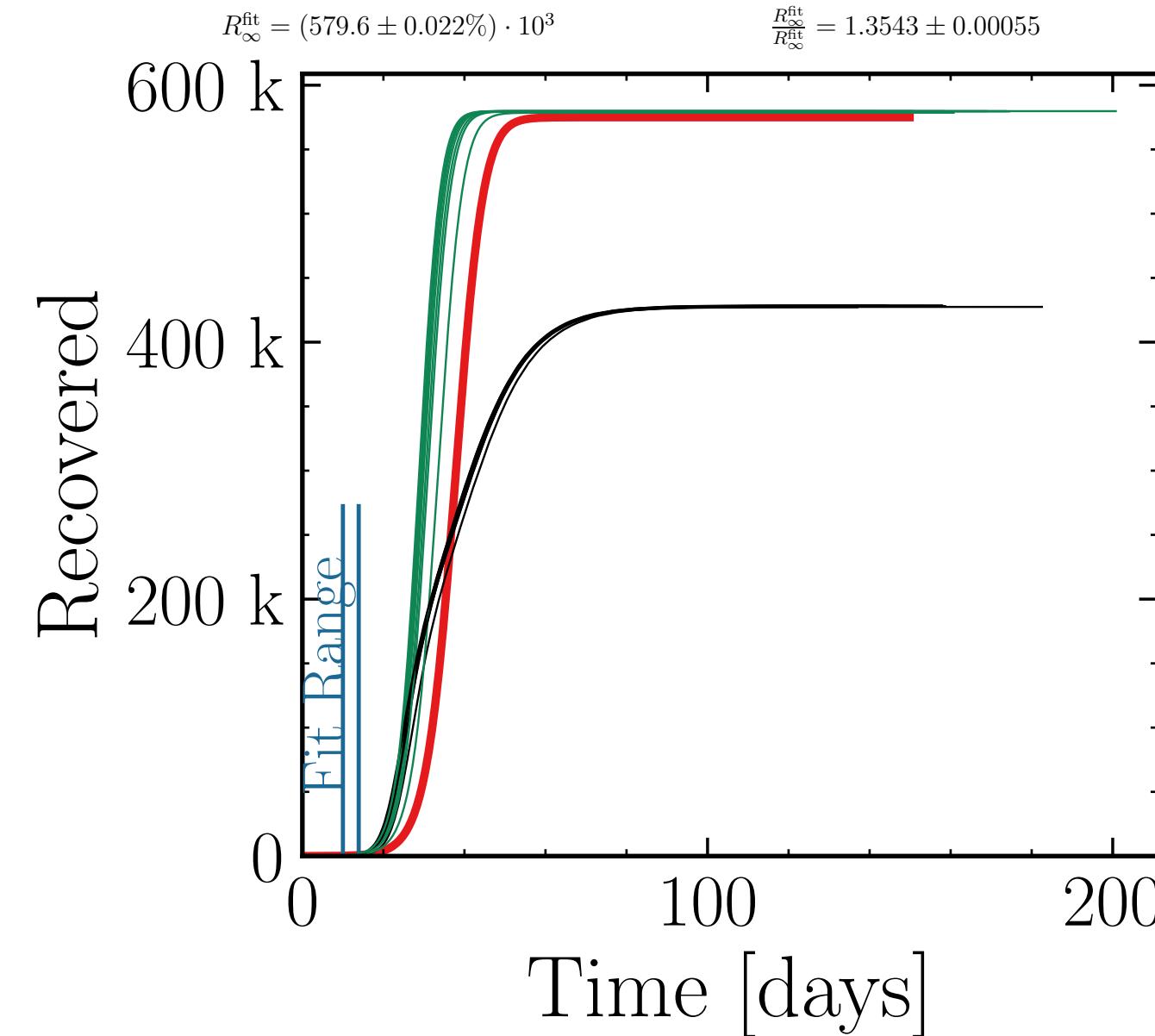
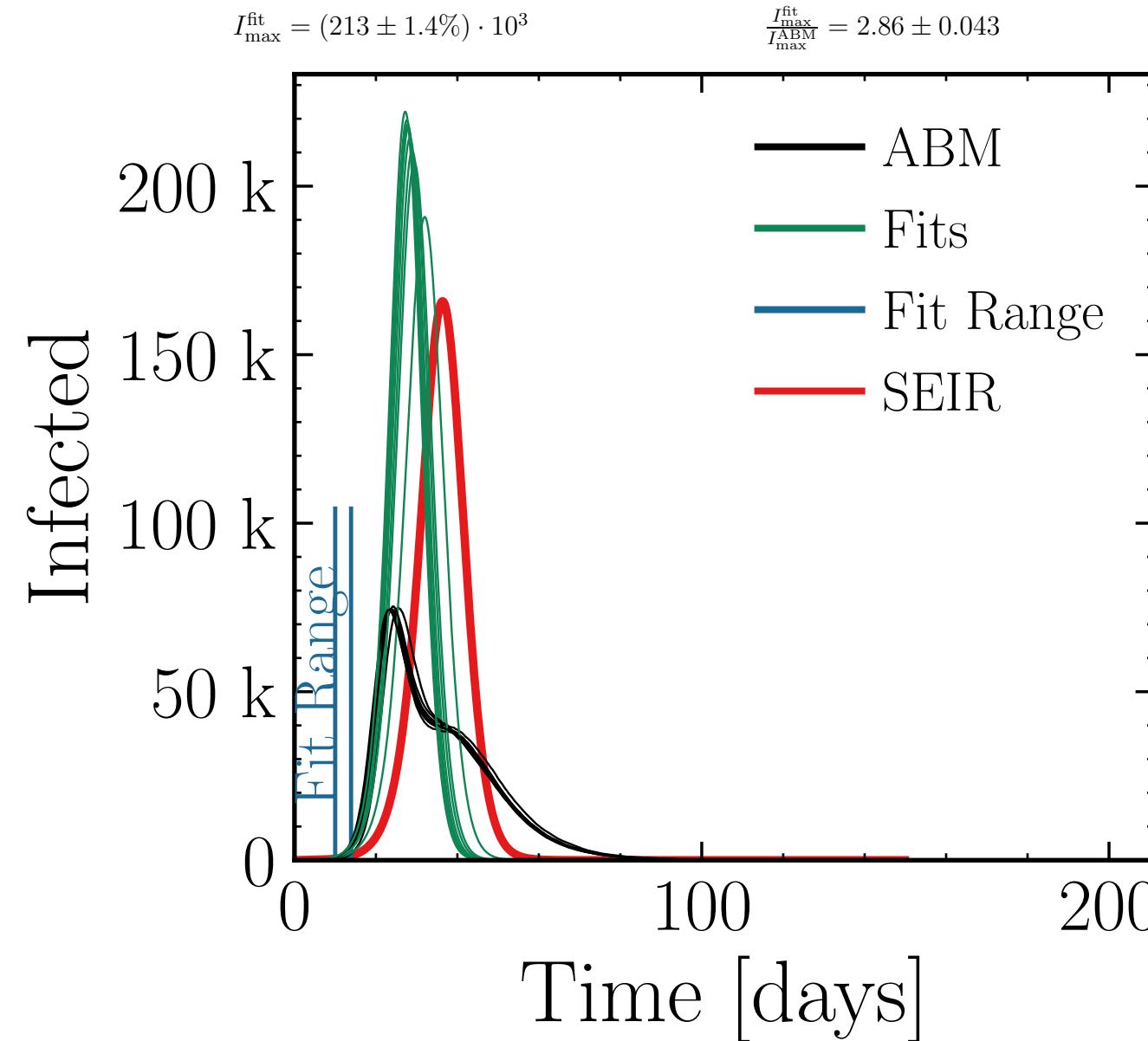


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.03$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c5ab6f61e0, #10

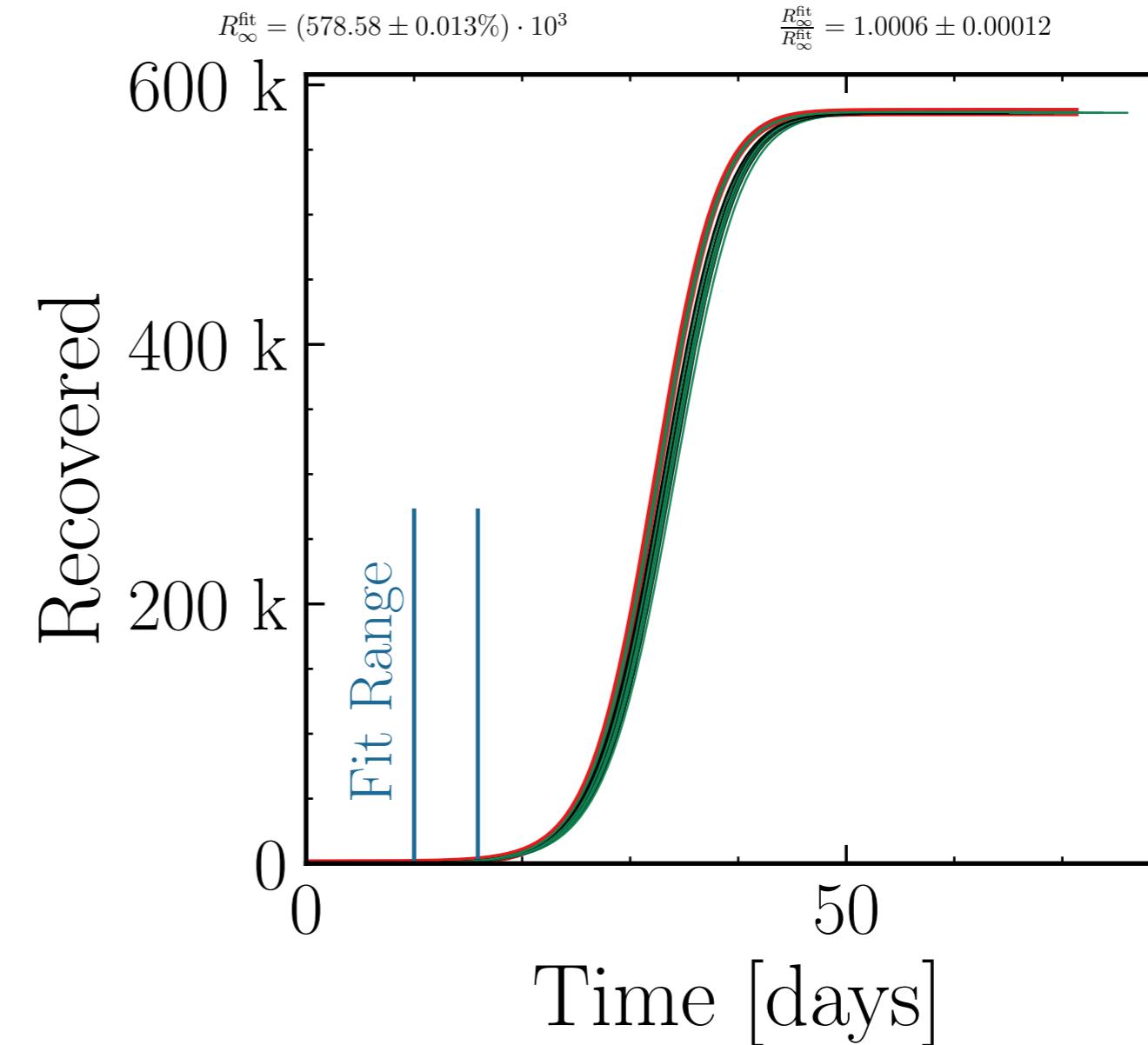
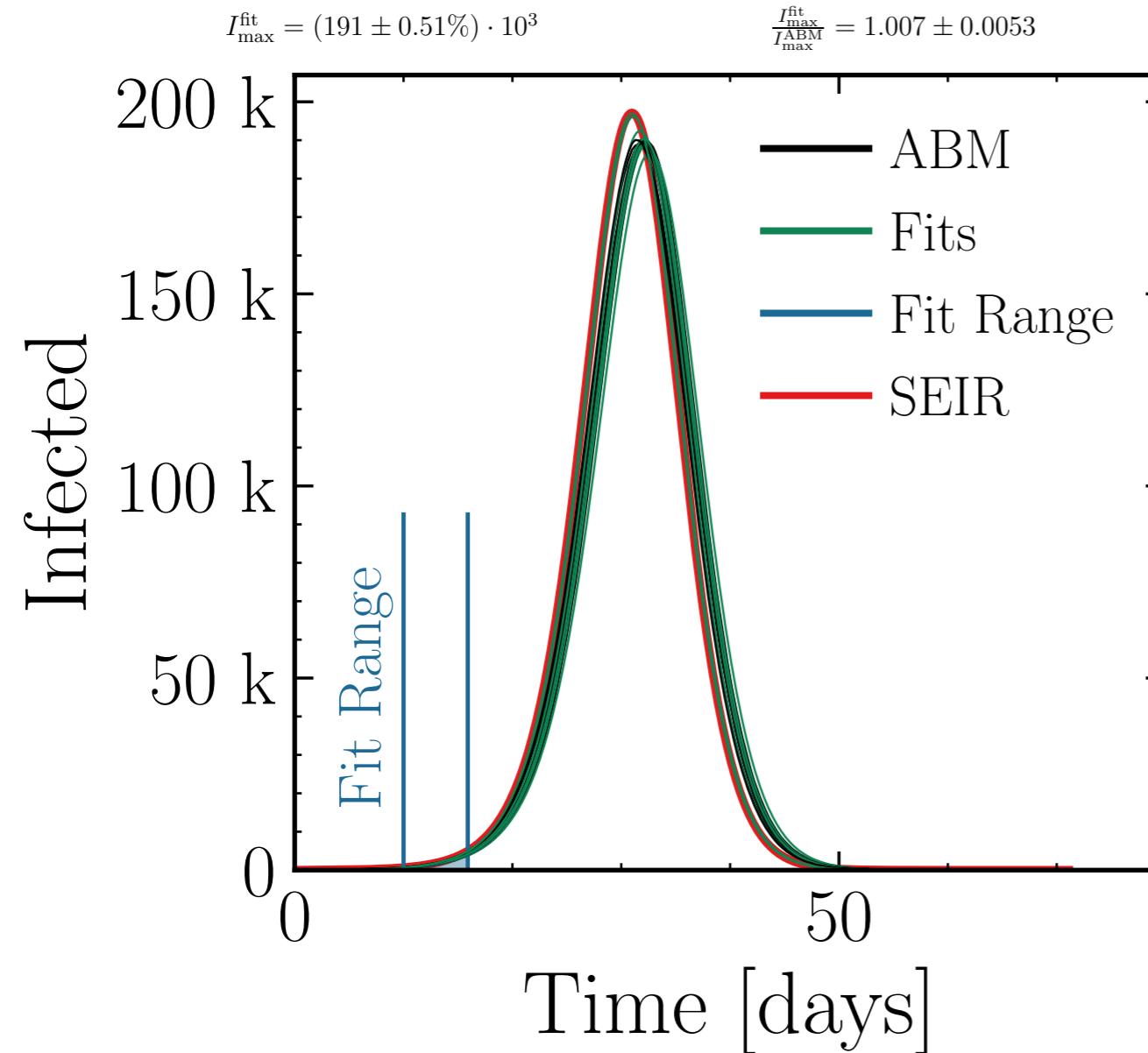


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.03$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5dc443c24c, #9

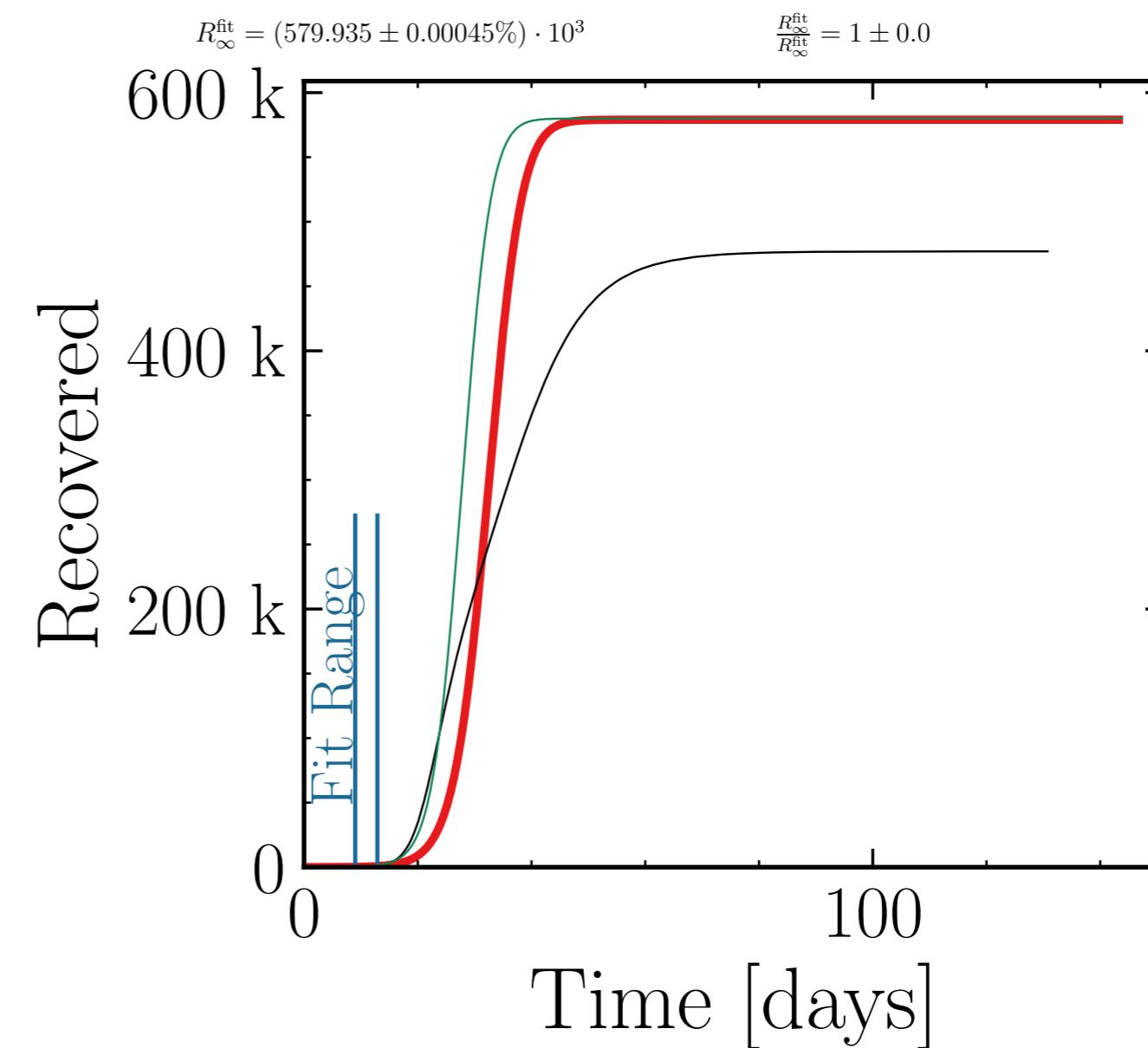
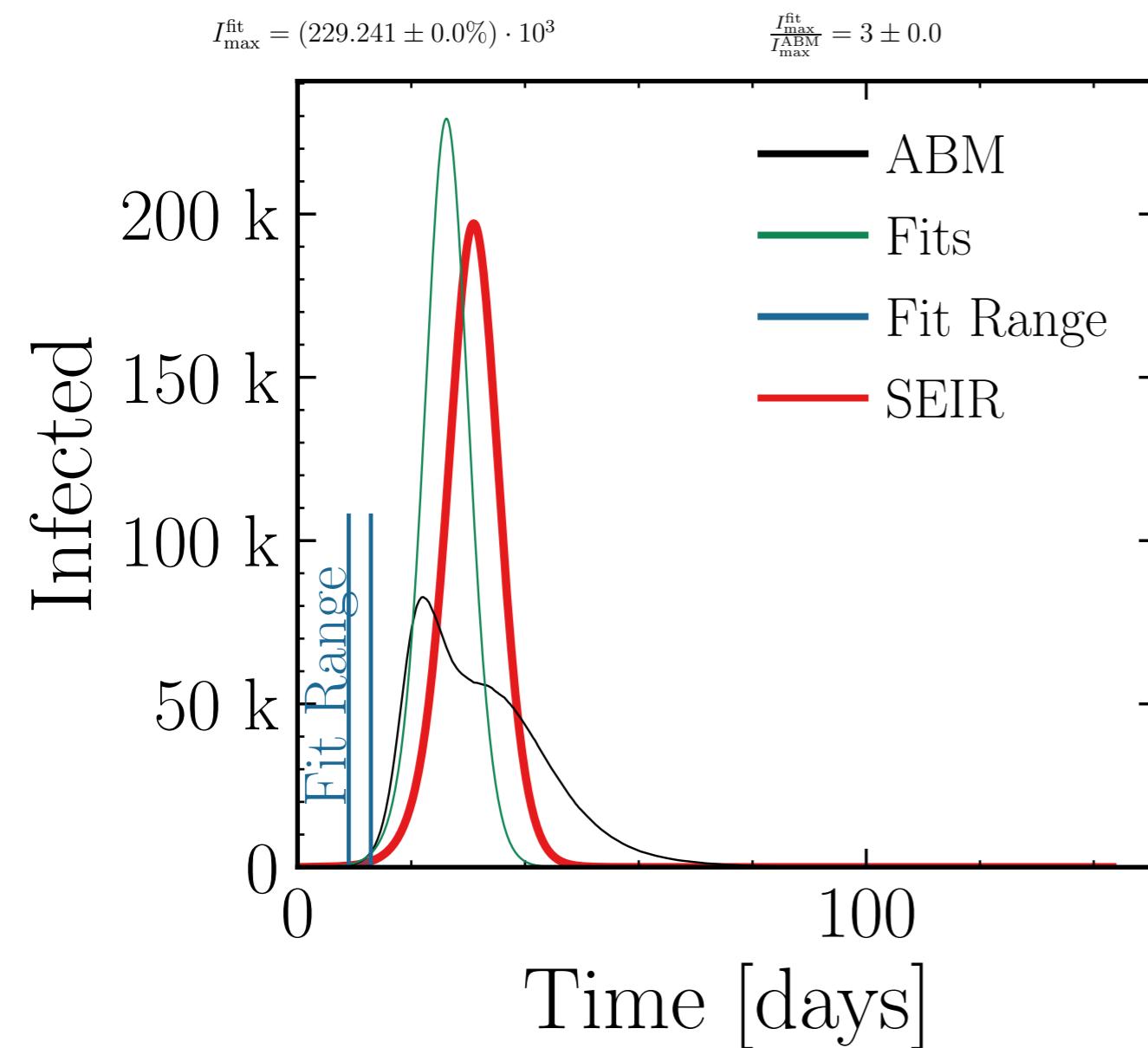


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

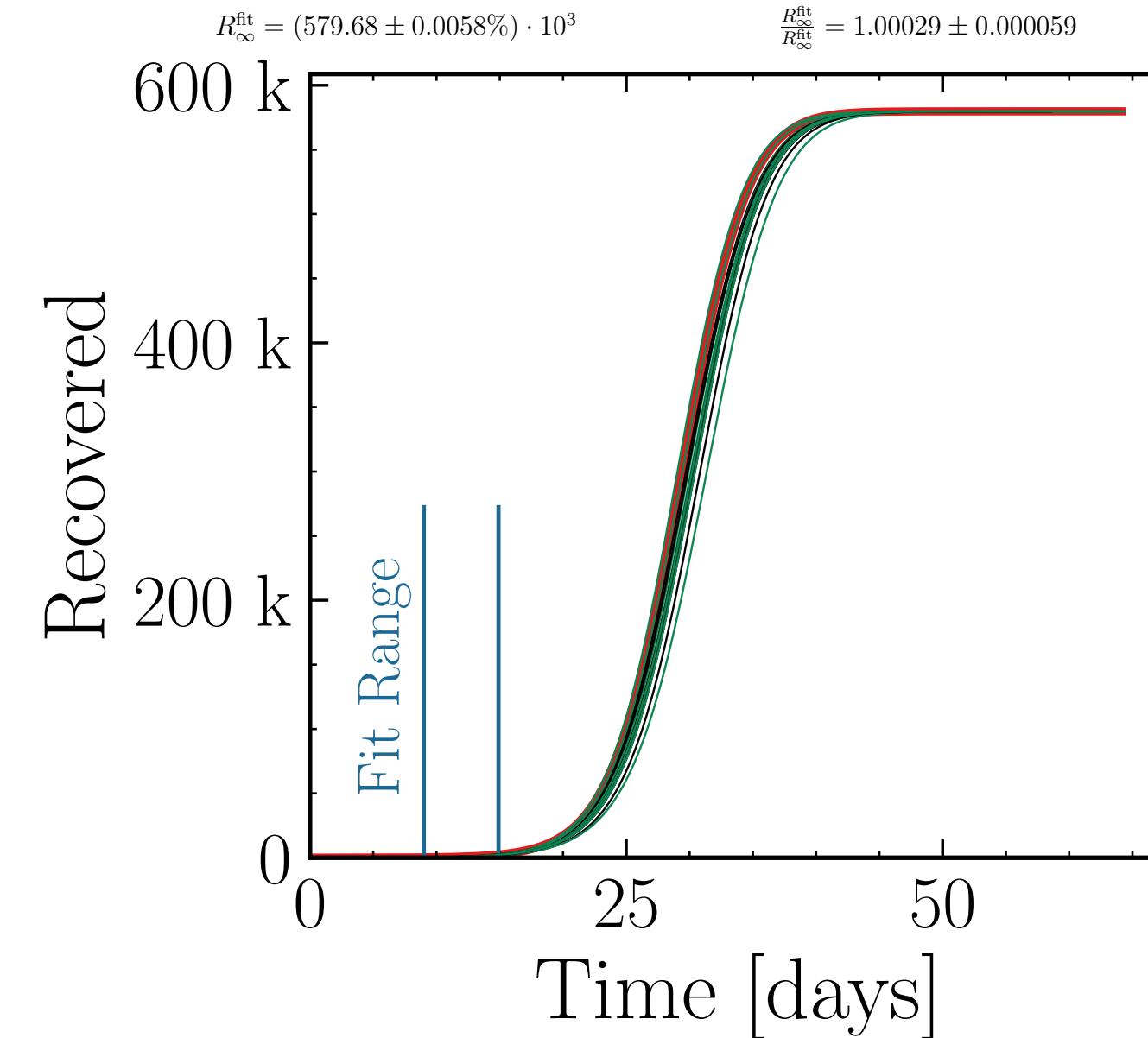
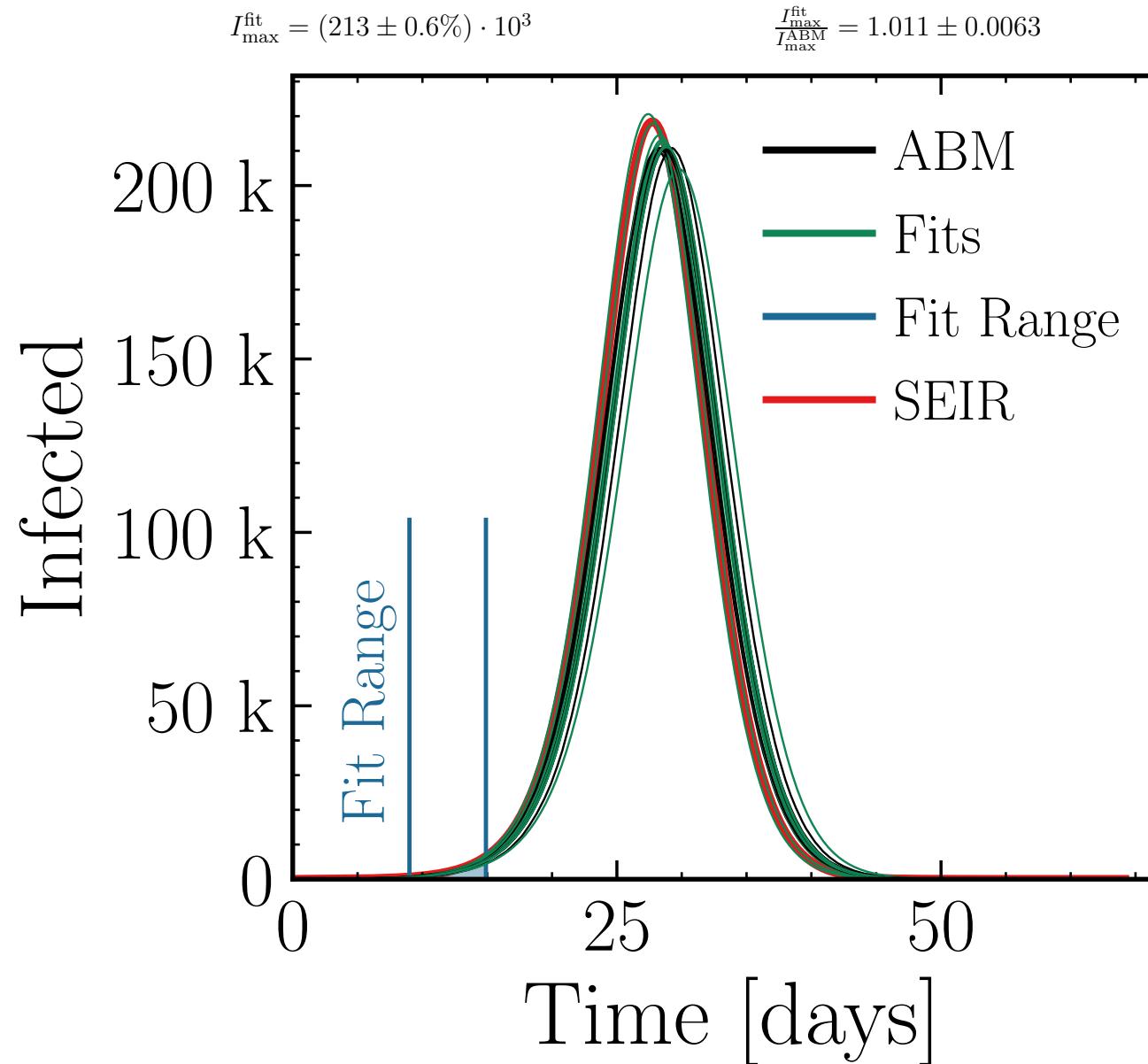
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 8da99d5b90, #10



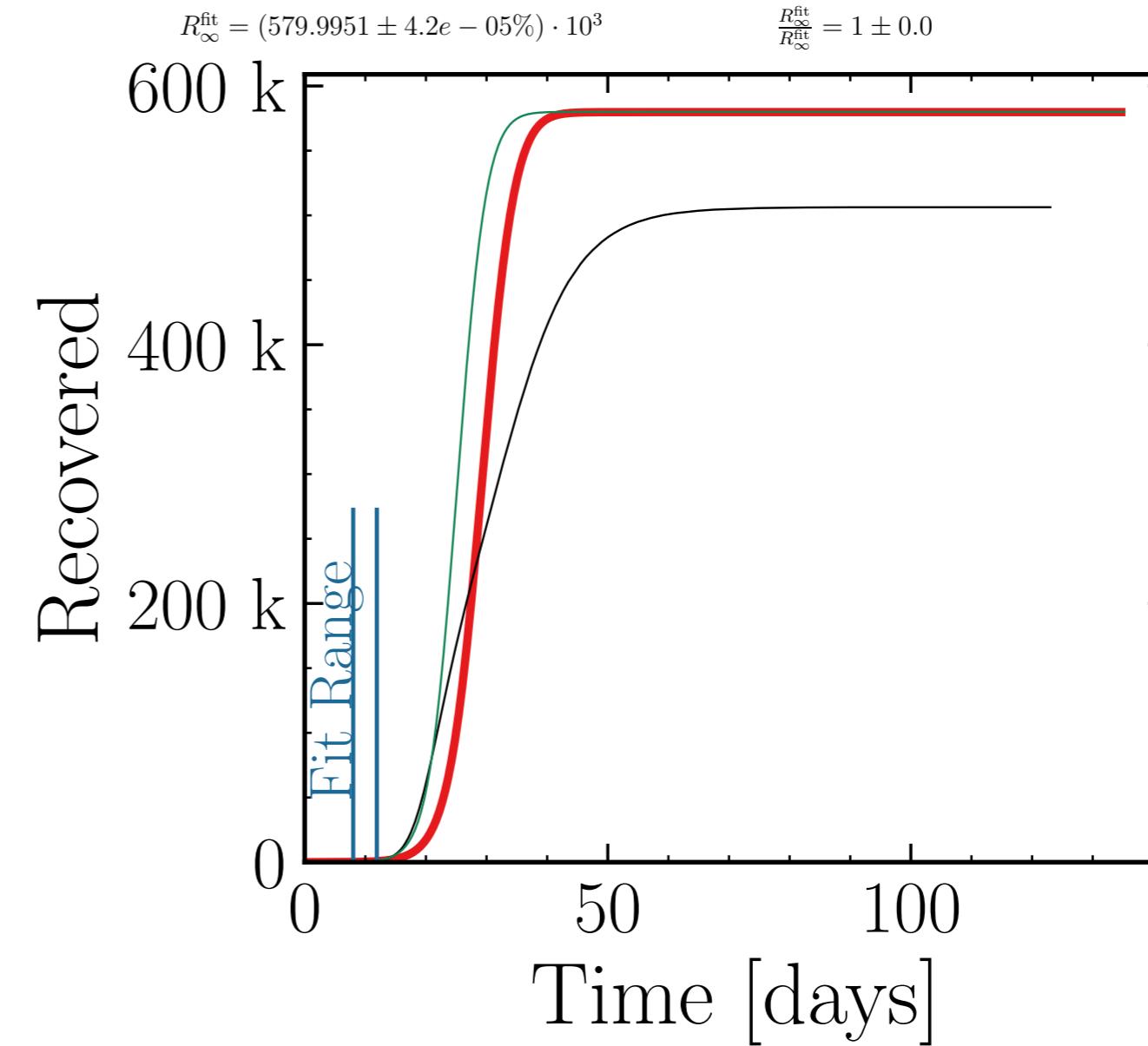
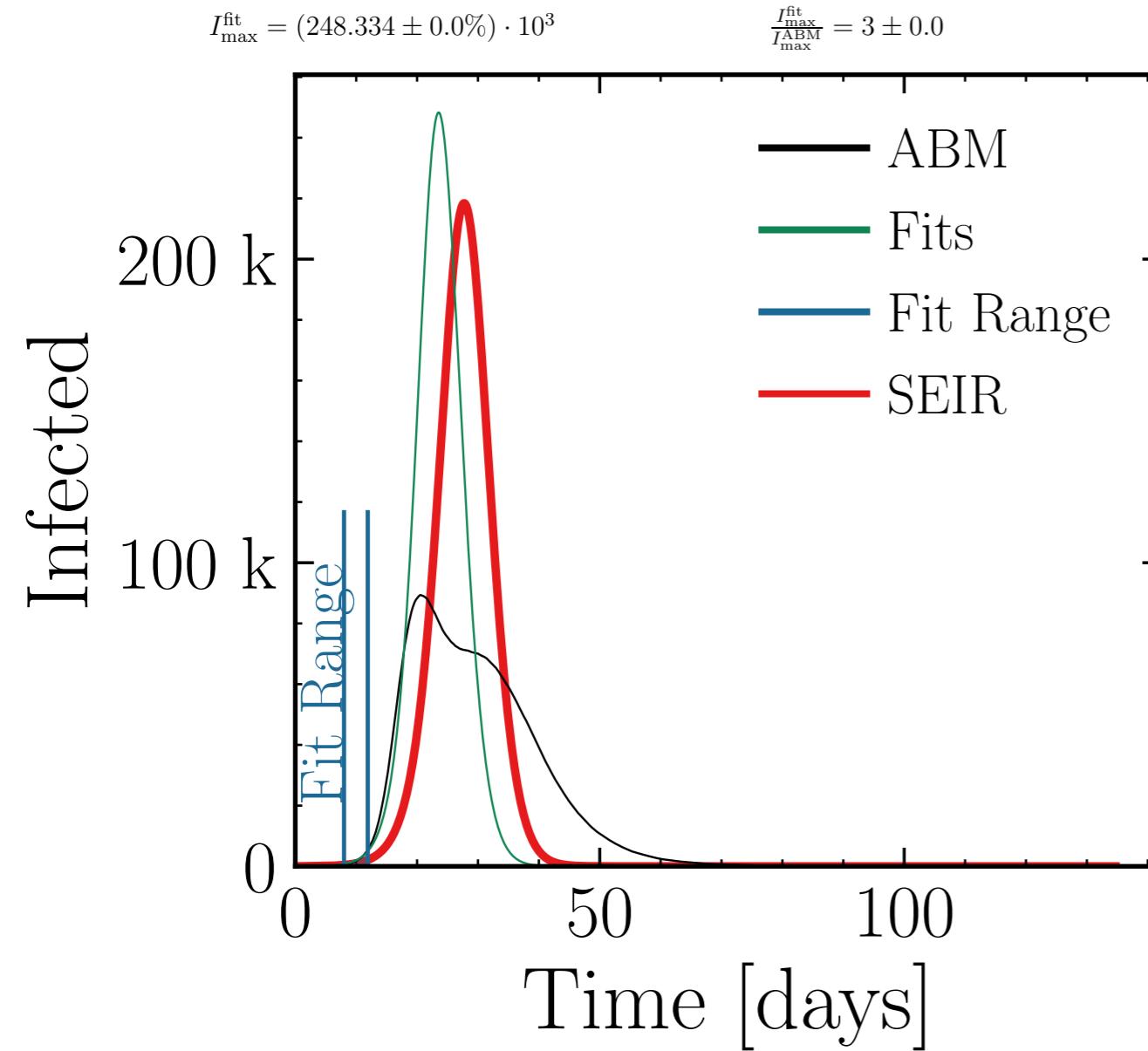
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 751455709f, #1



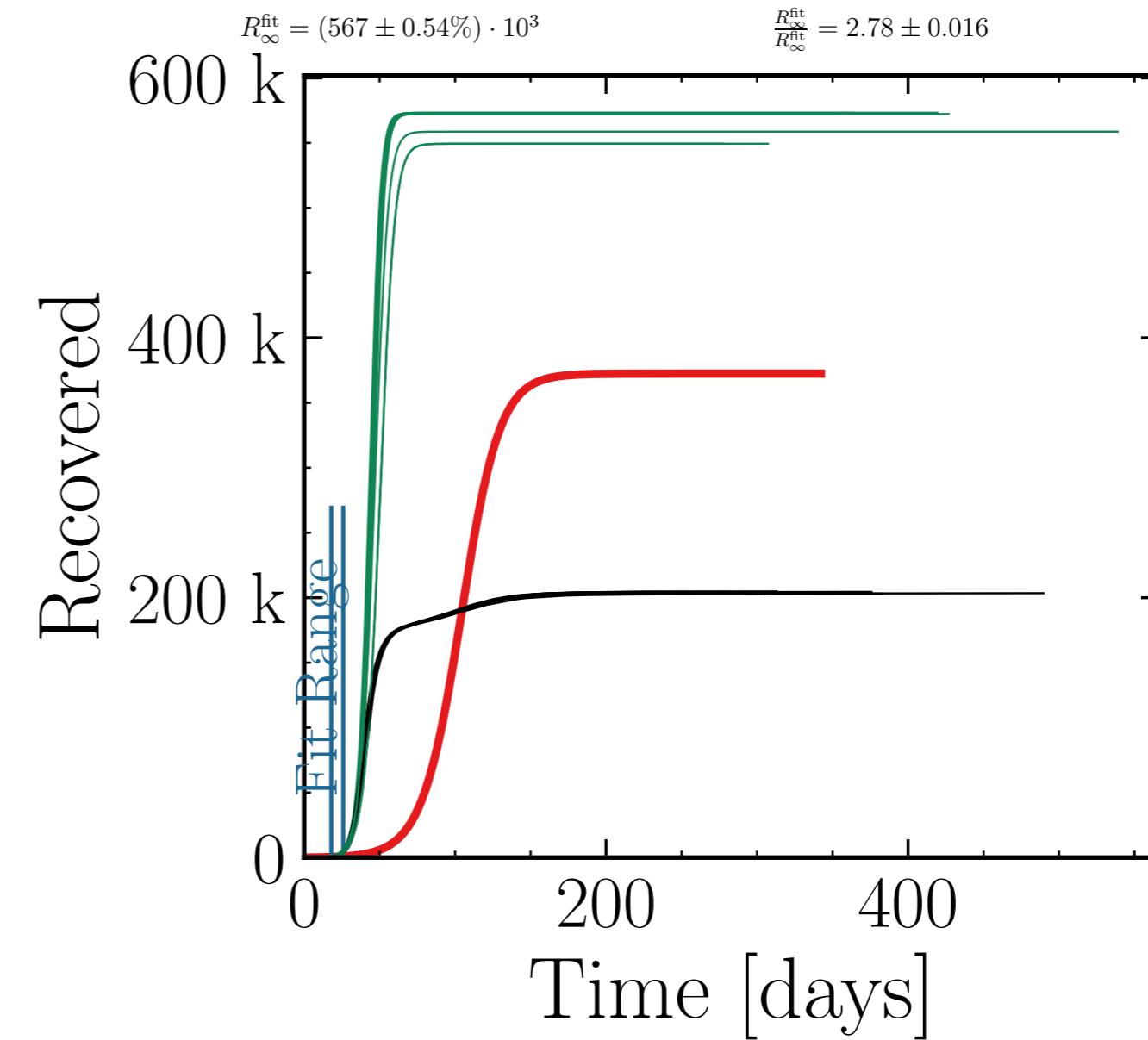
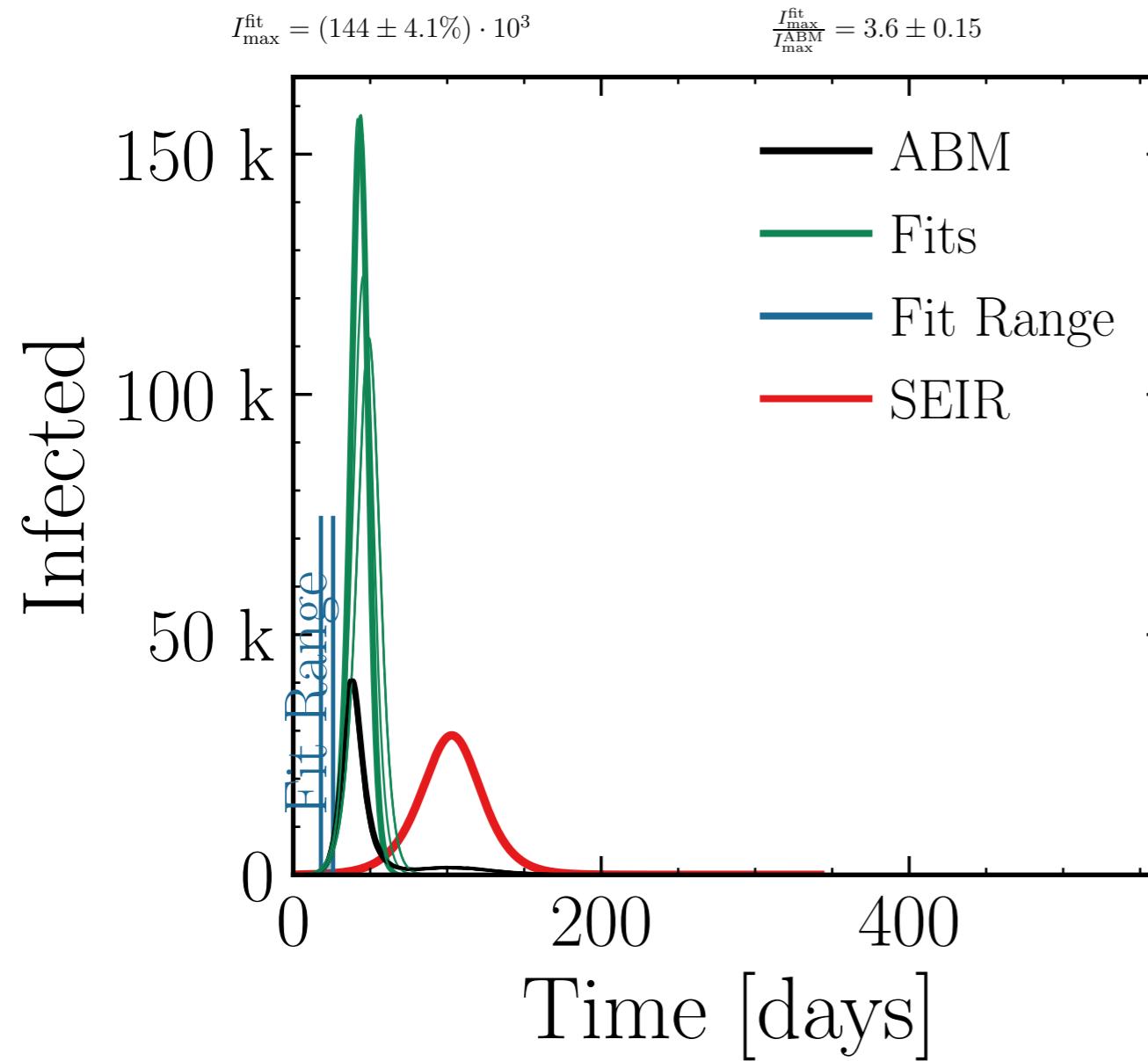
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.05$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a25fd7e0e9, #10



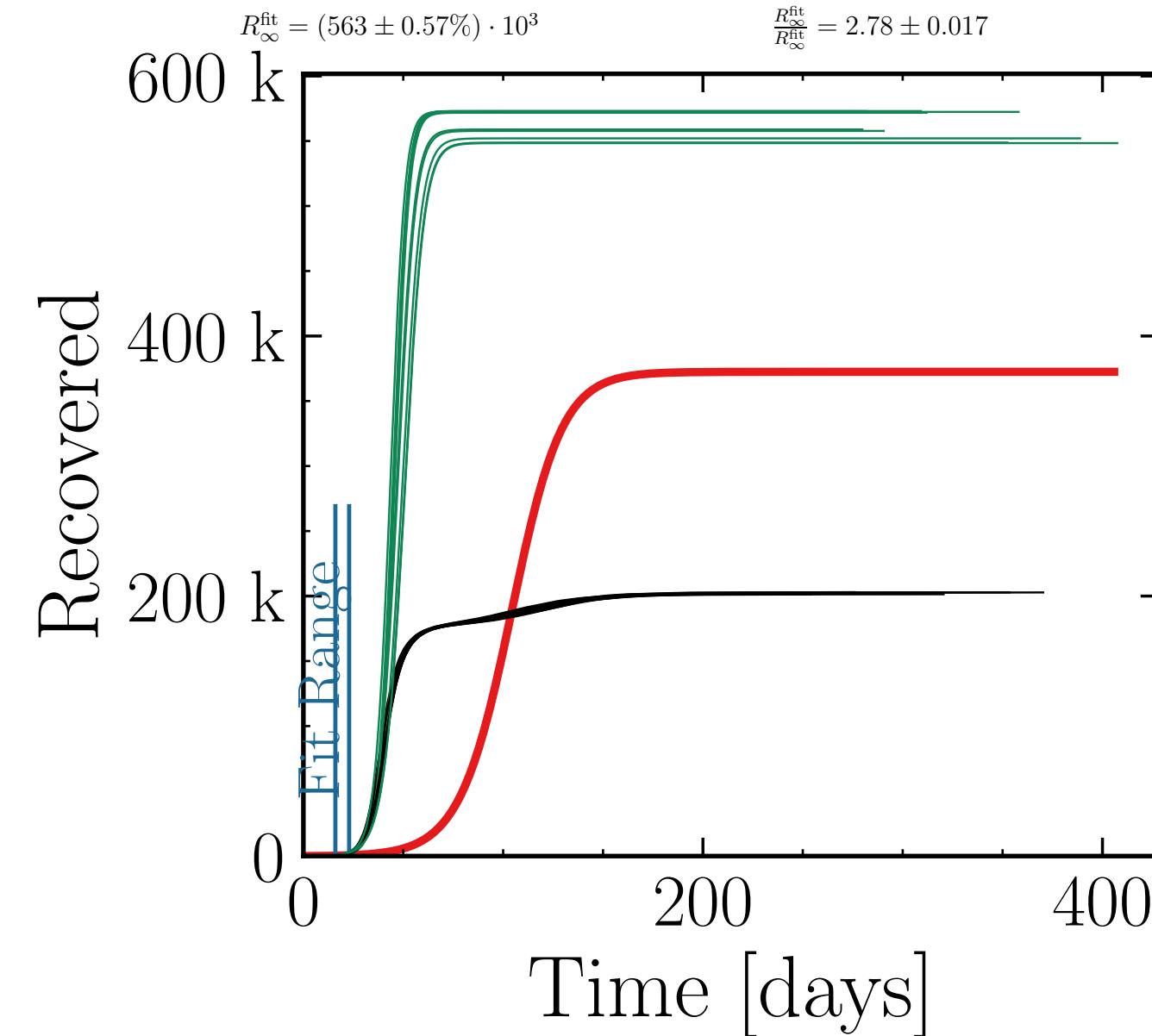
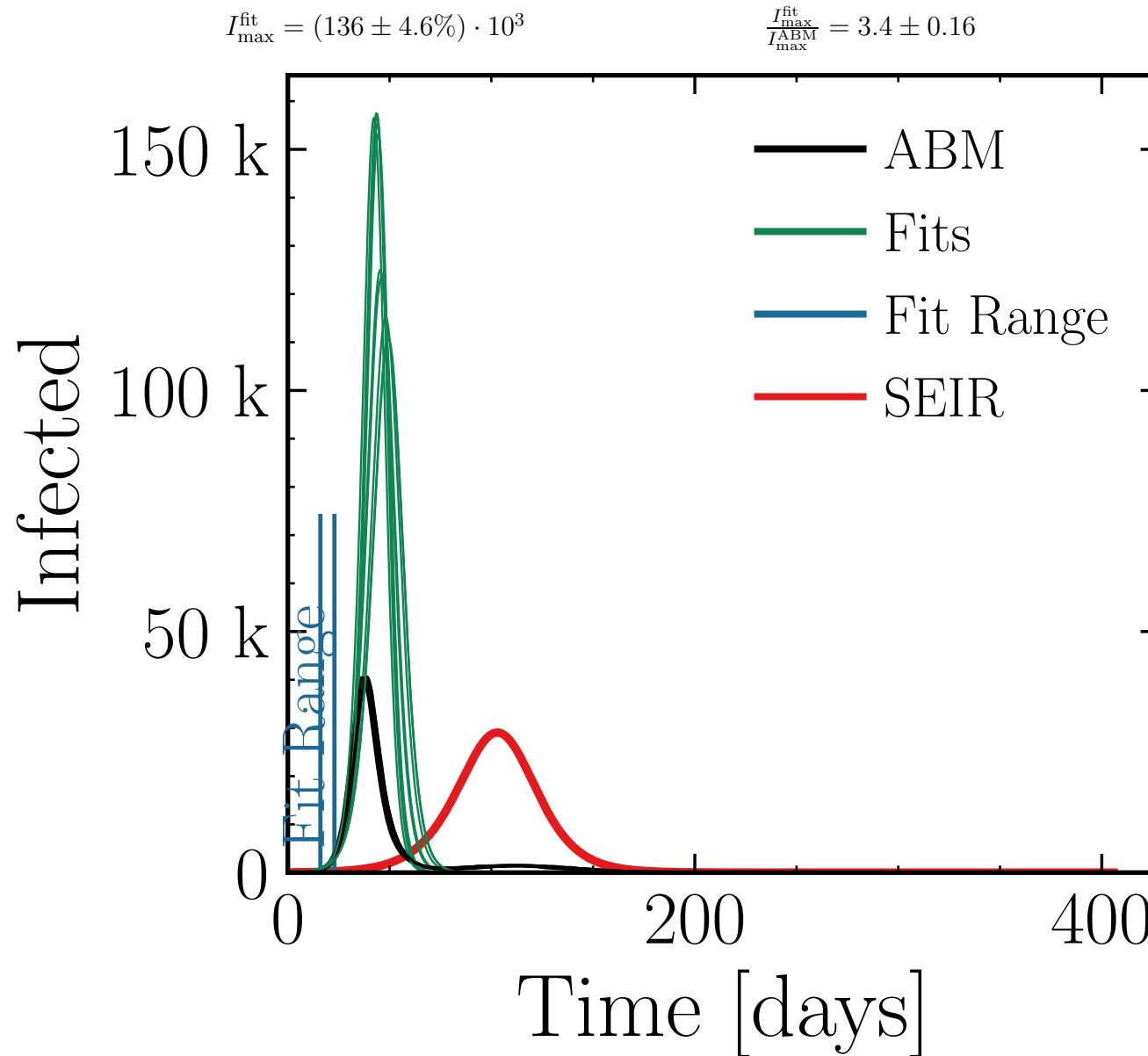
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.05$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = aad355ed86, #1



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.01$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = bea88f3f7f, #10

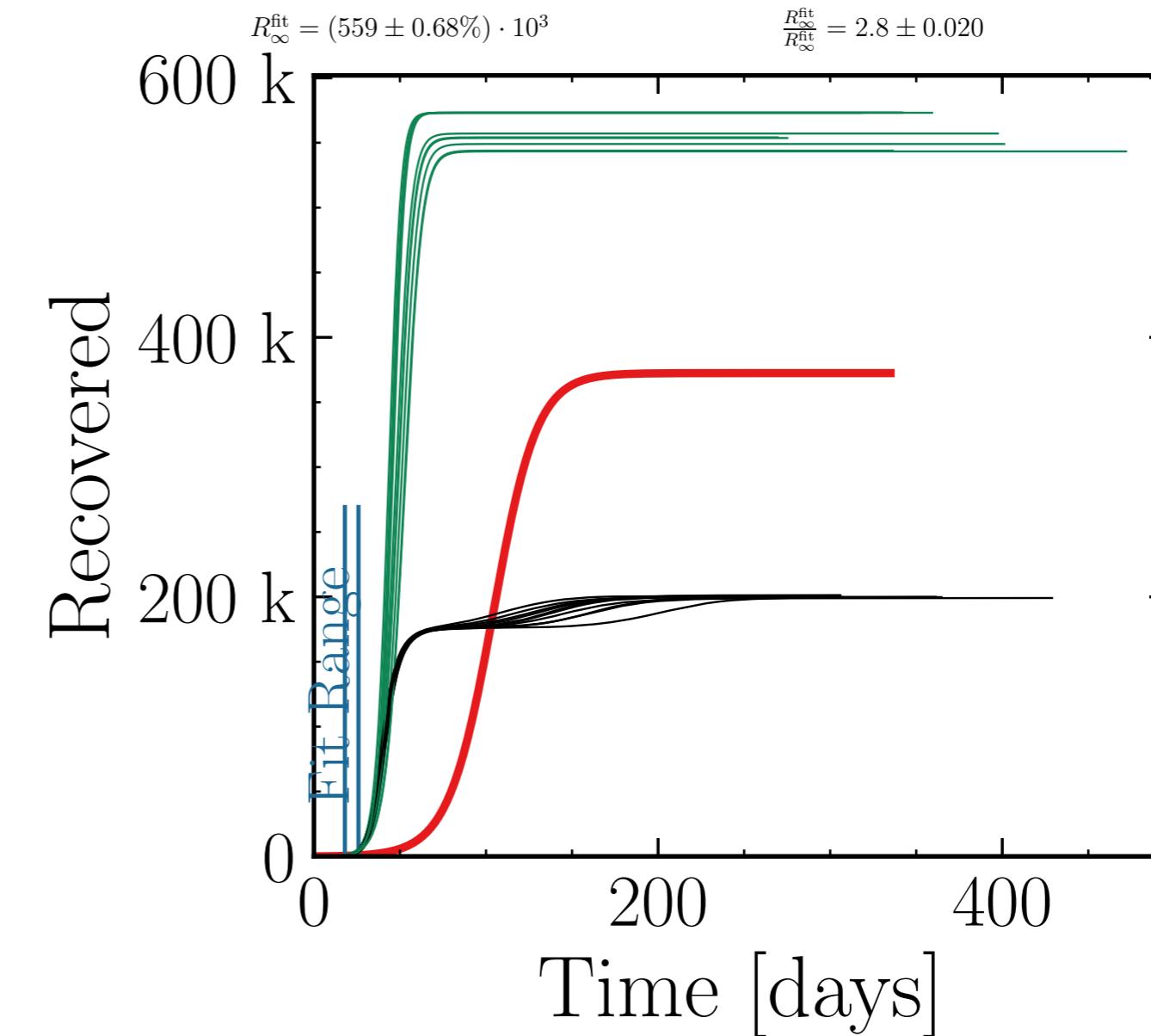
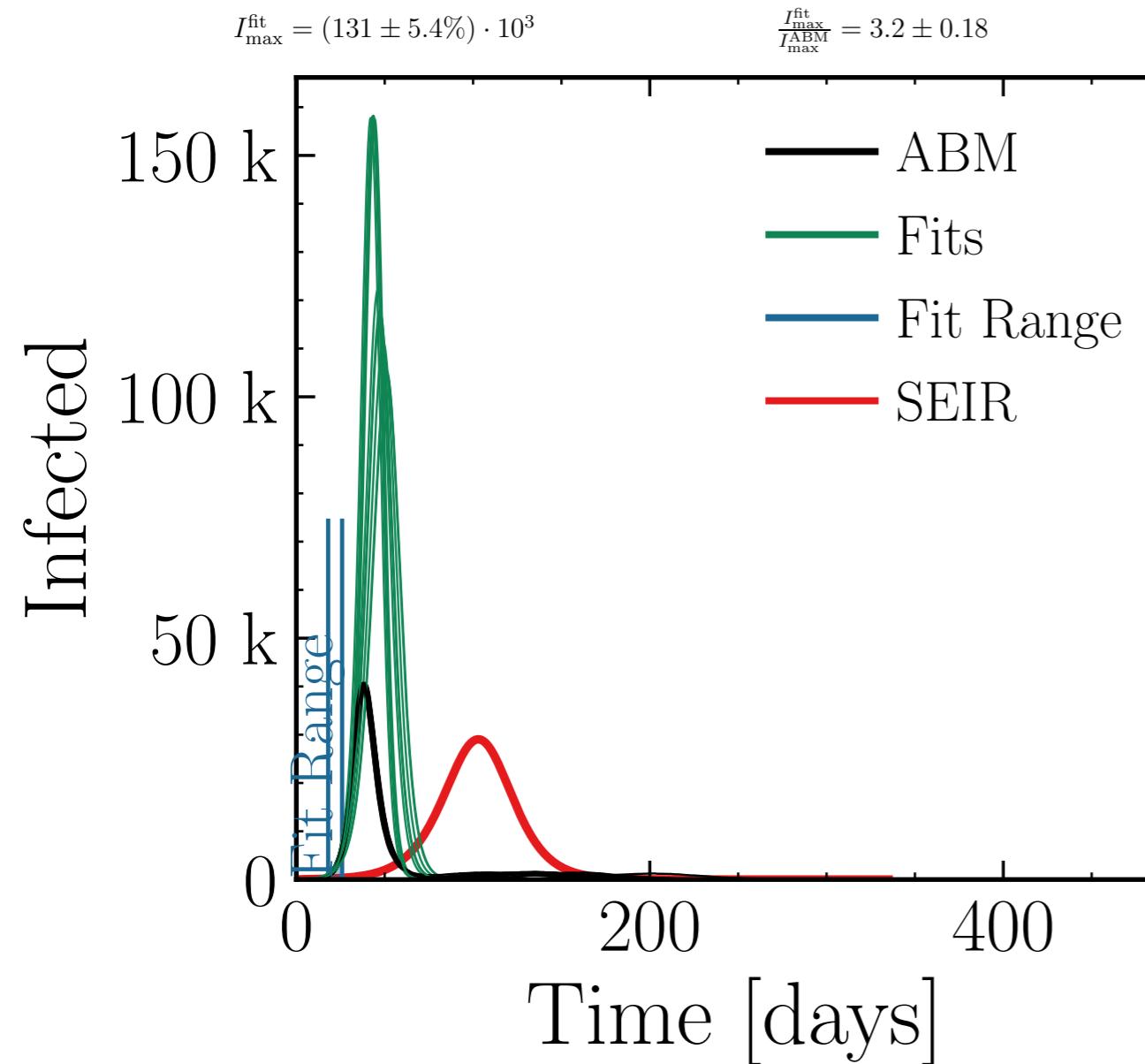


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.005$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 152f708999, #10

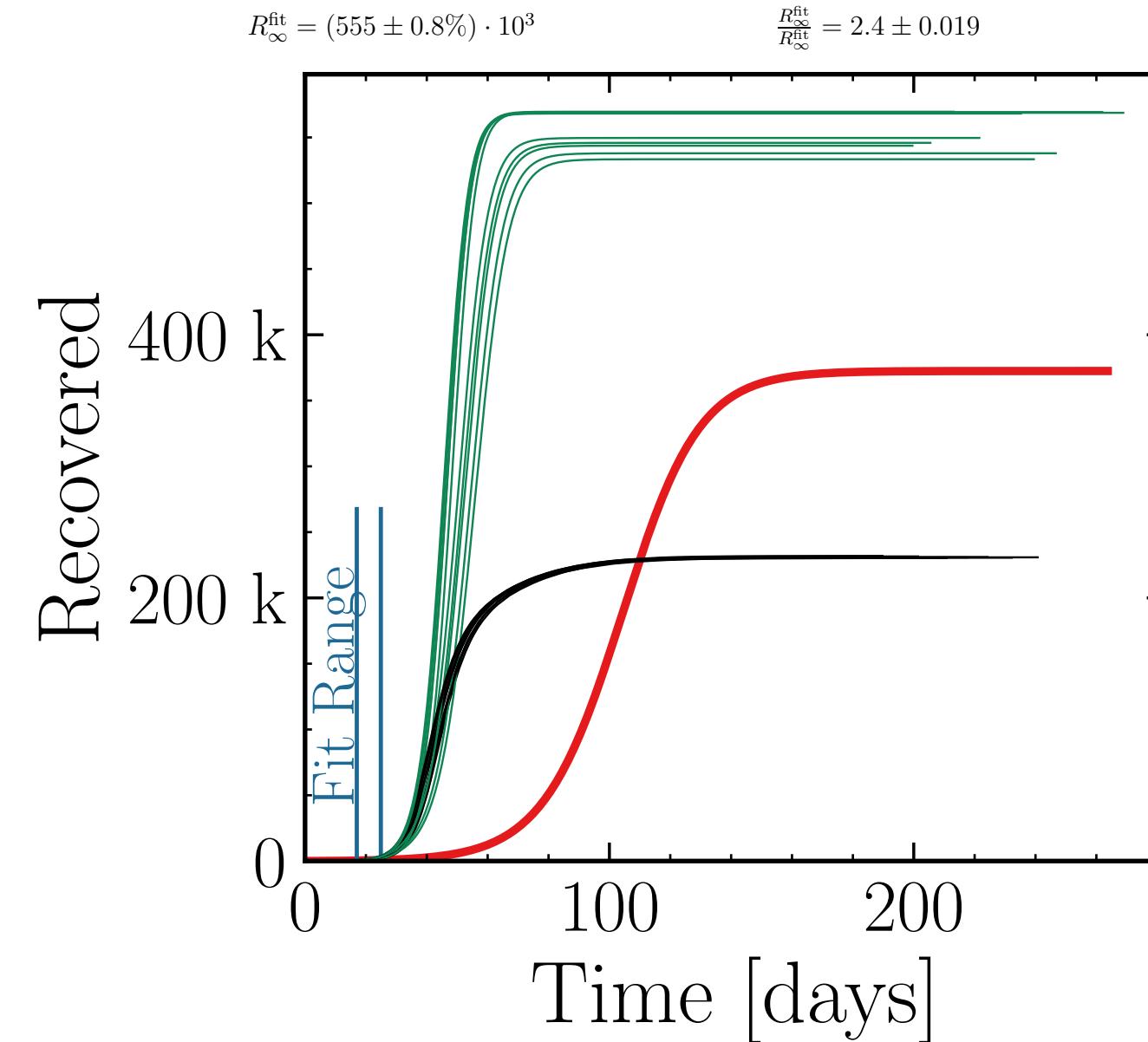
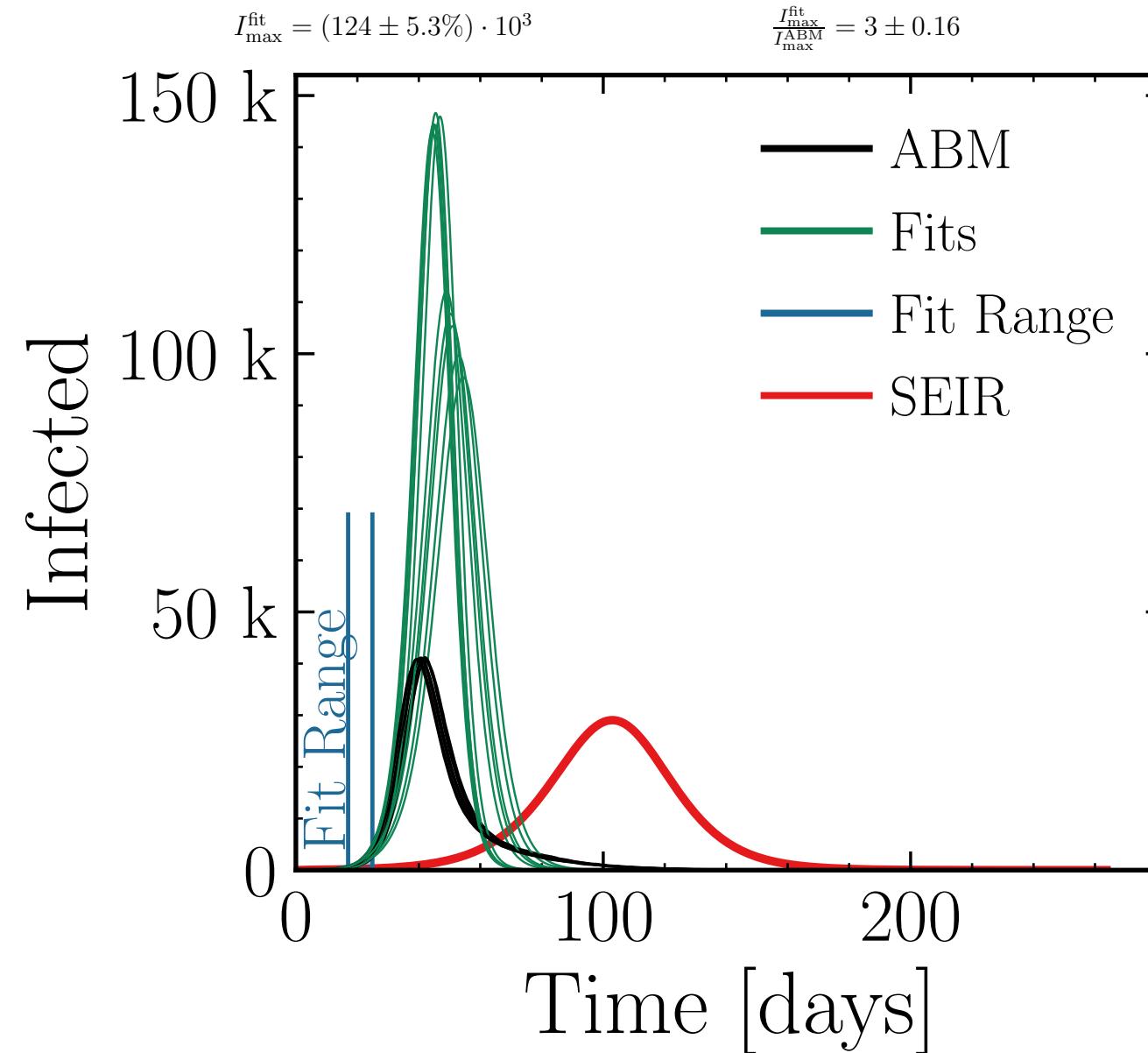


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 445b67f158, #10

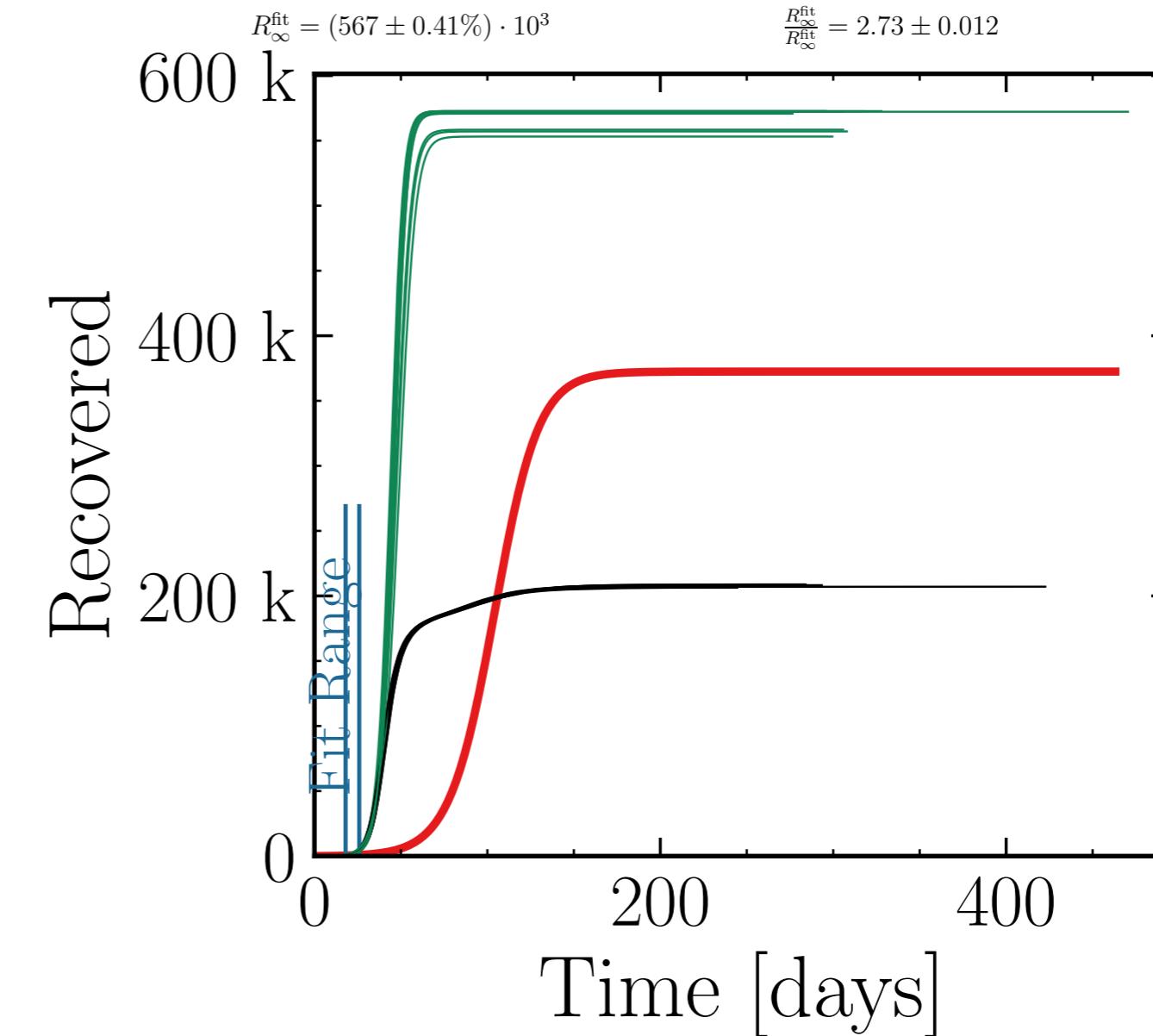
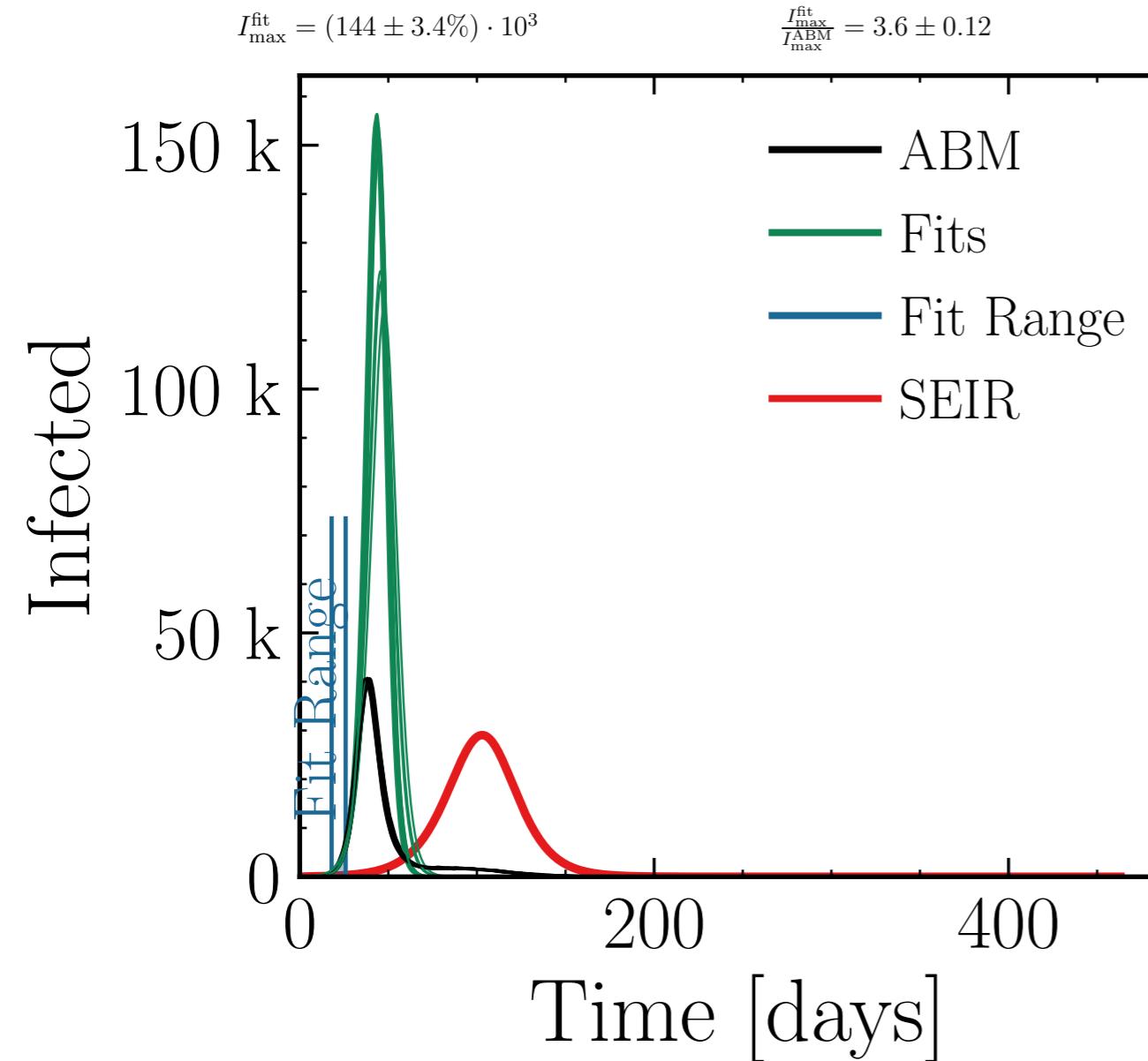


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.1$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6101864cff, #10



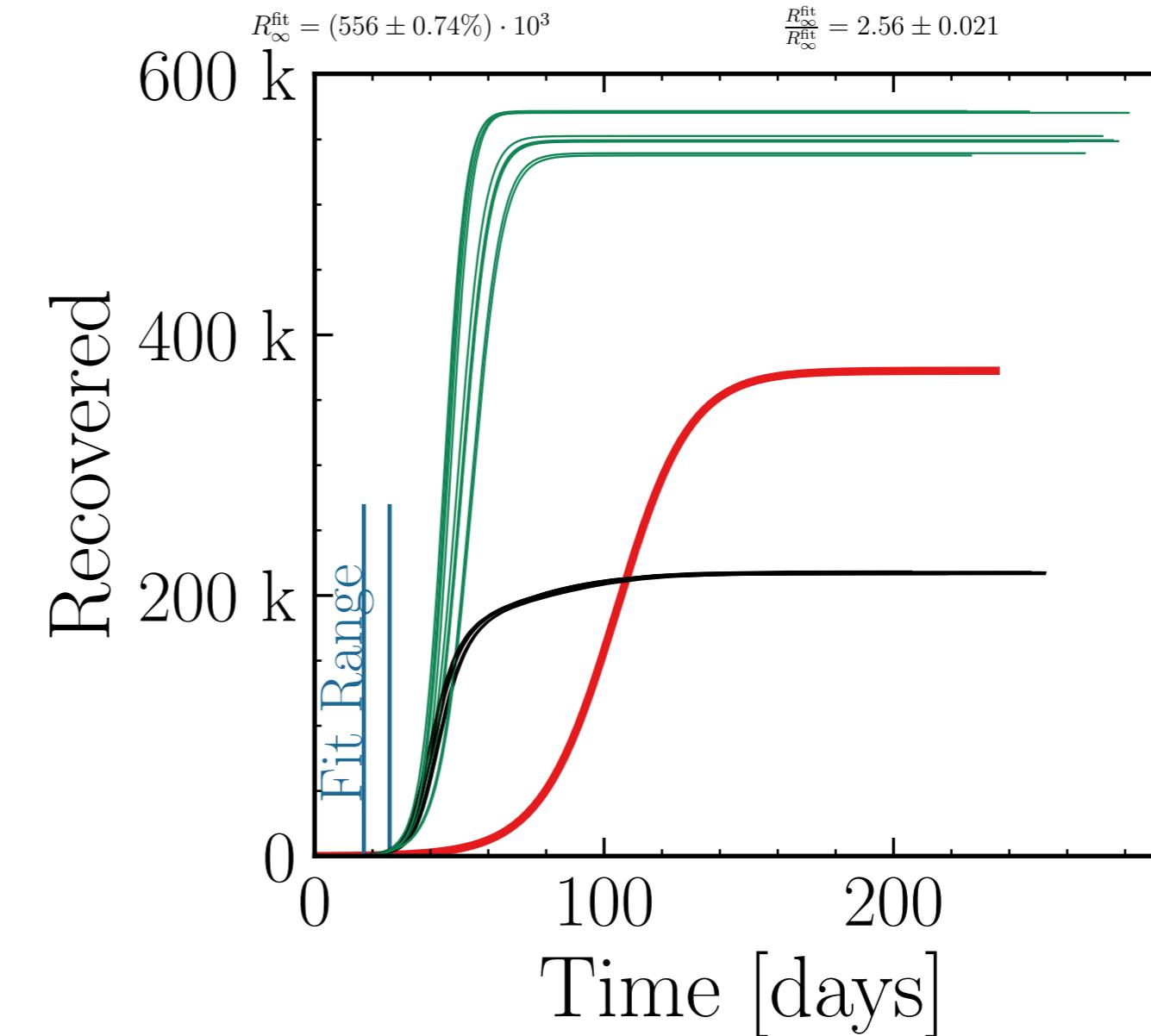
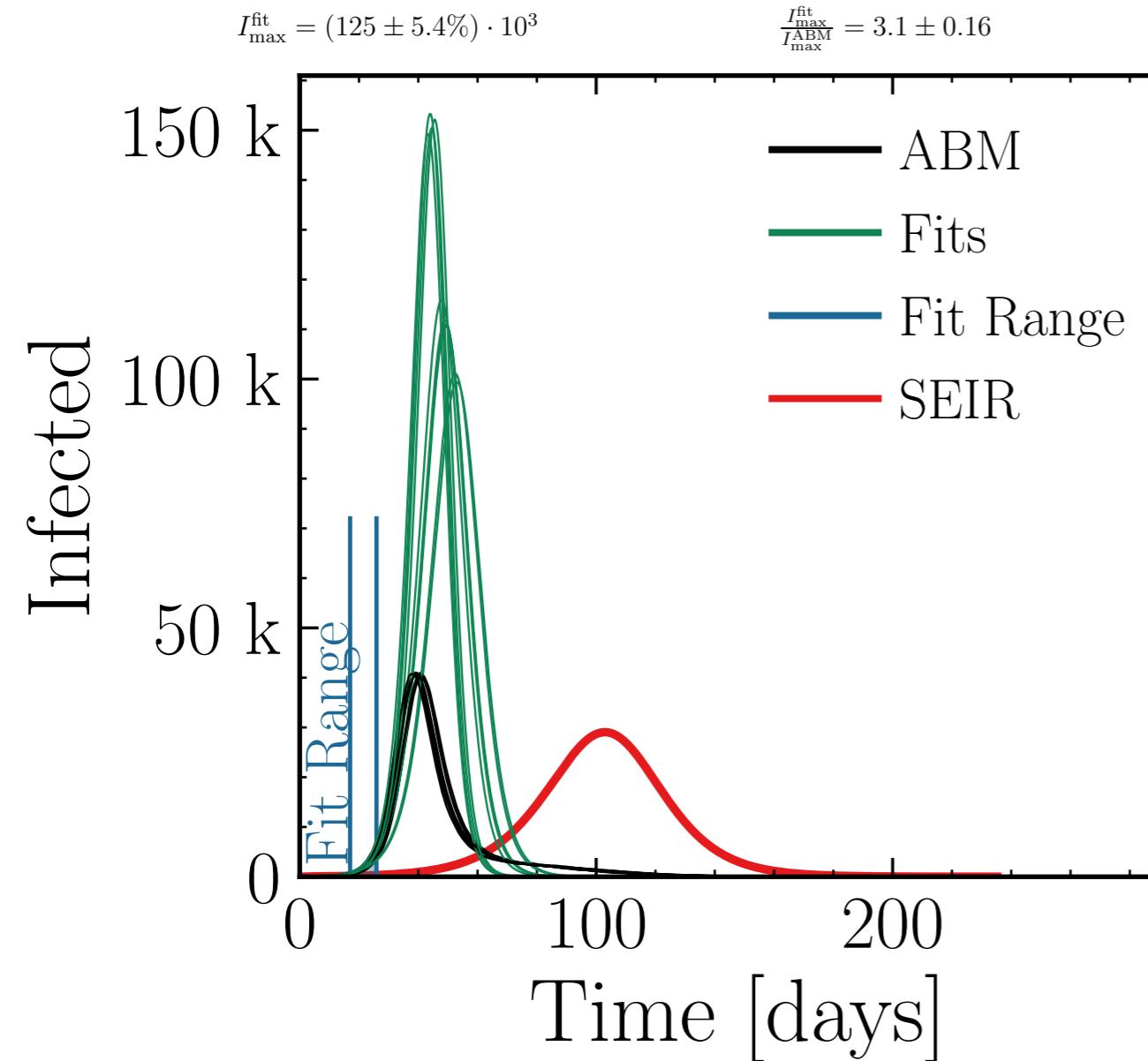
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.02$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 85f17b7538, #10

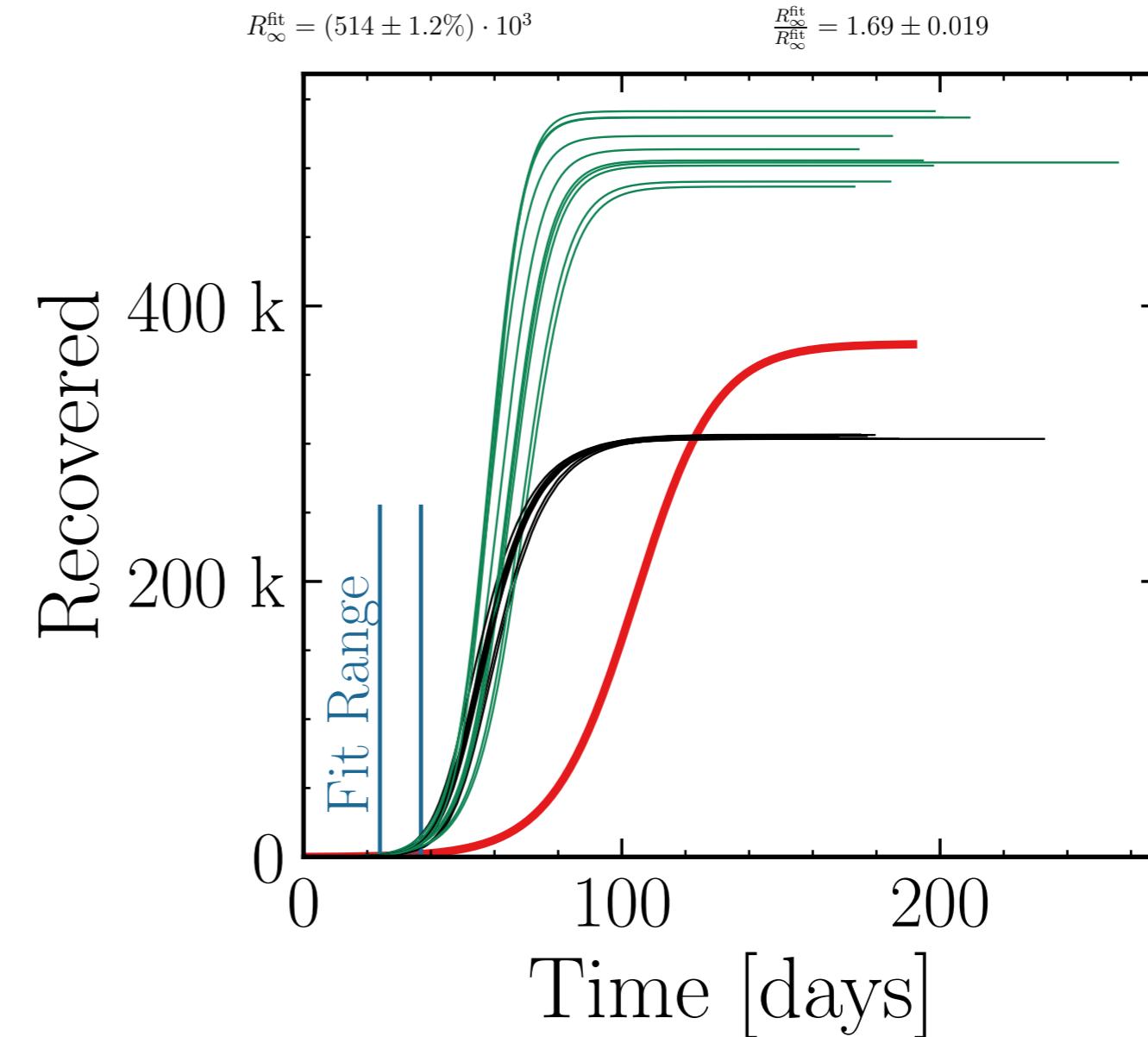
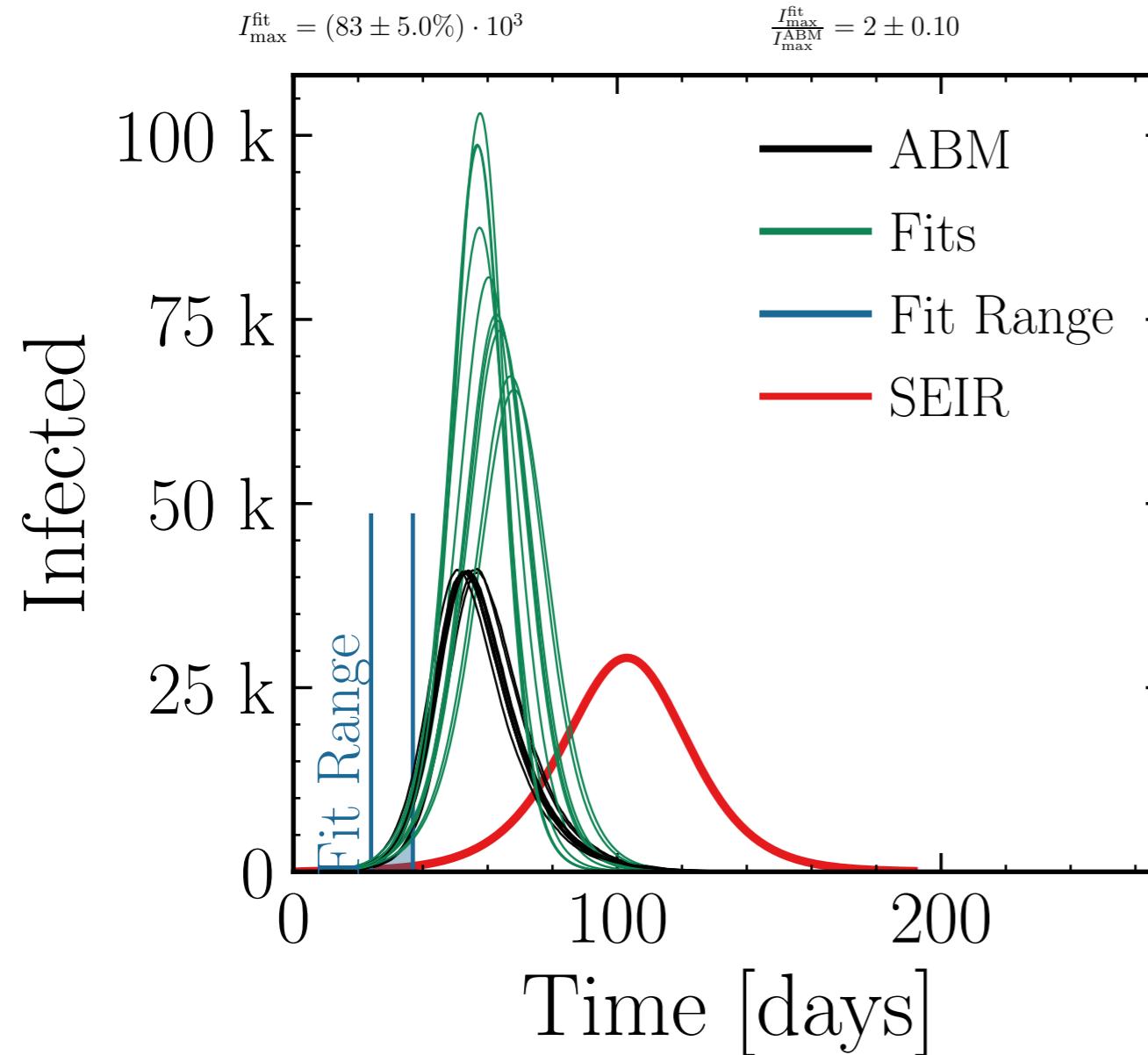


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.05$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

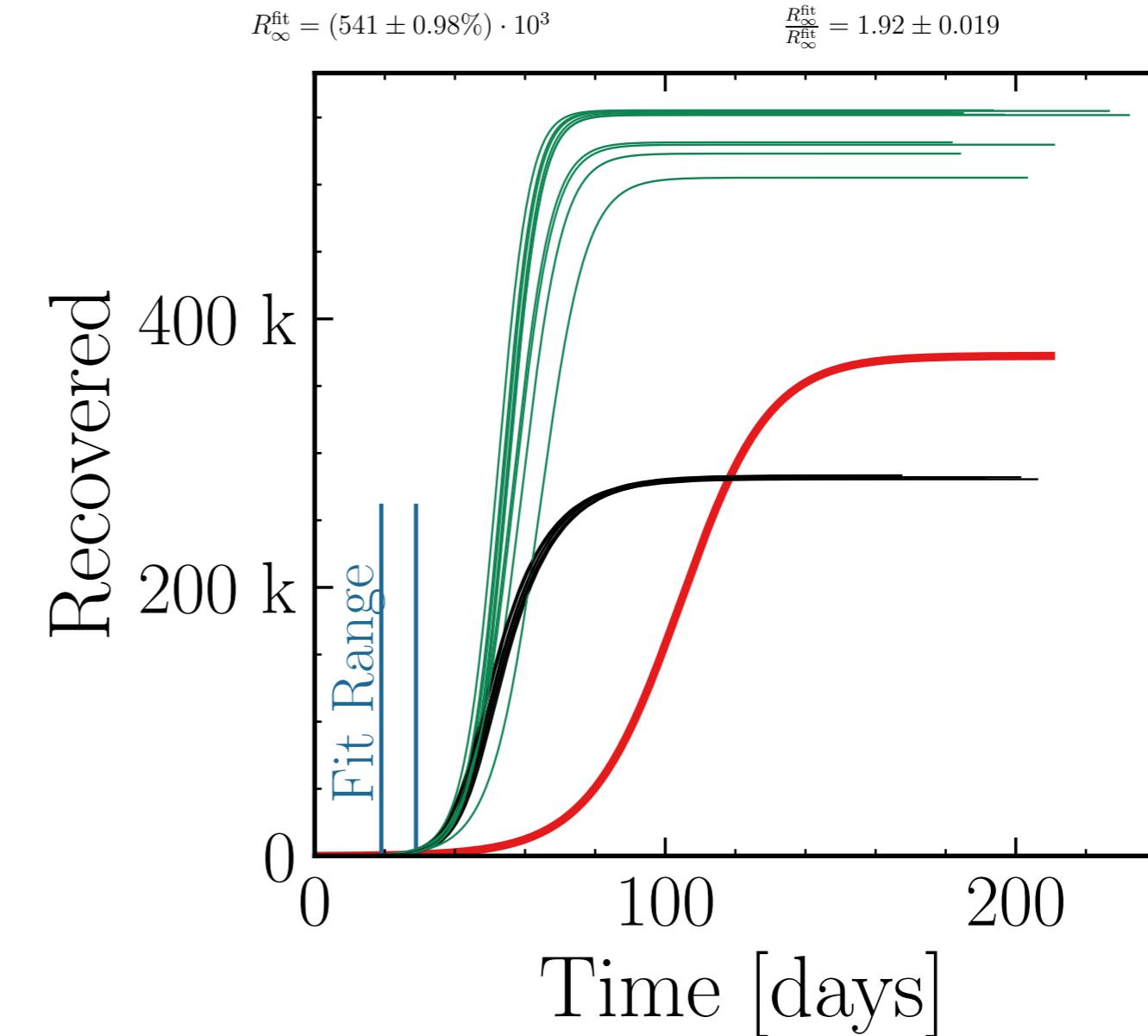
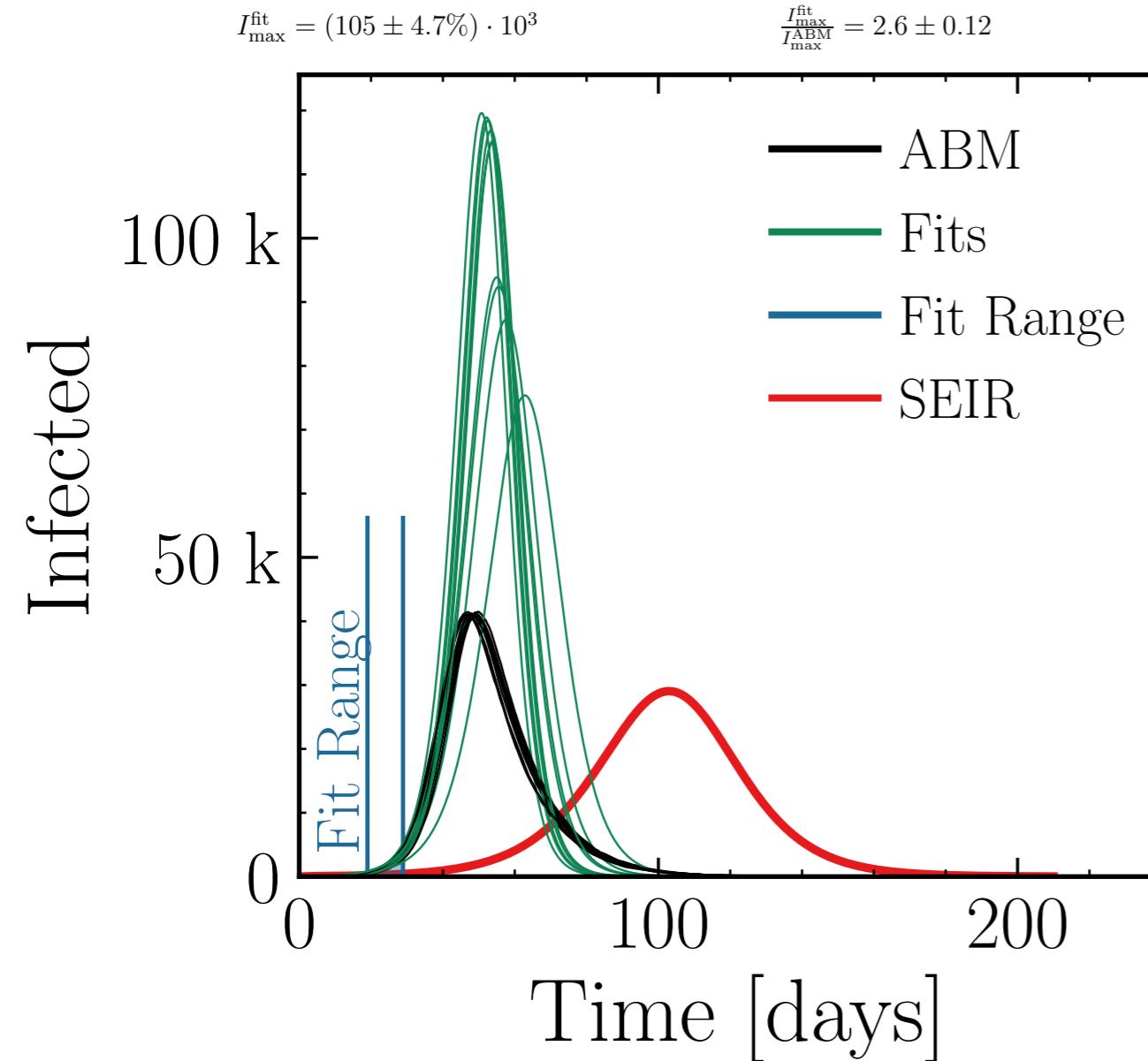
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = ddfaef802c, #10



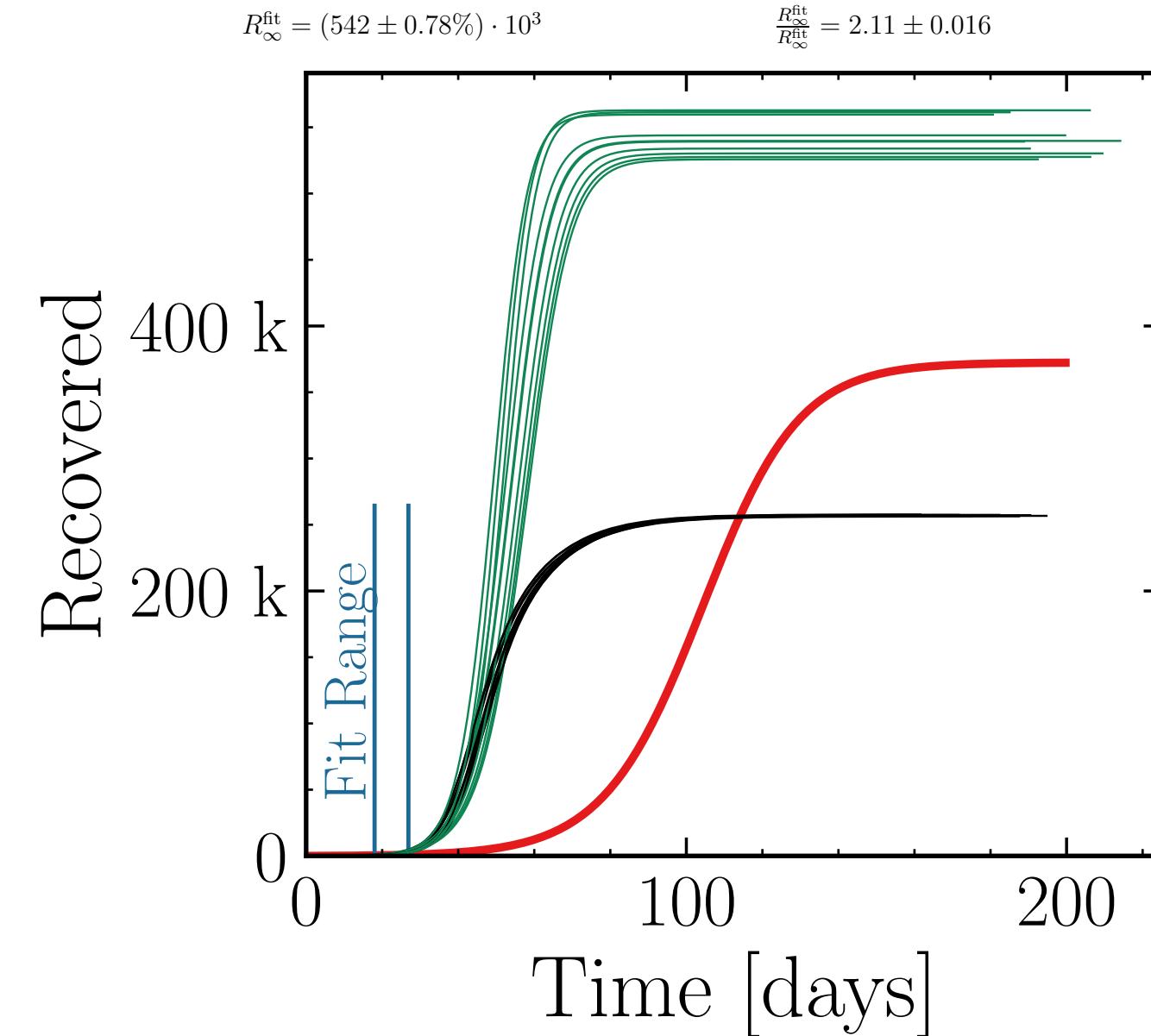
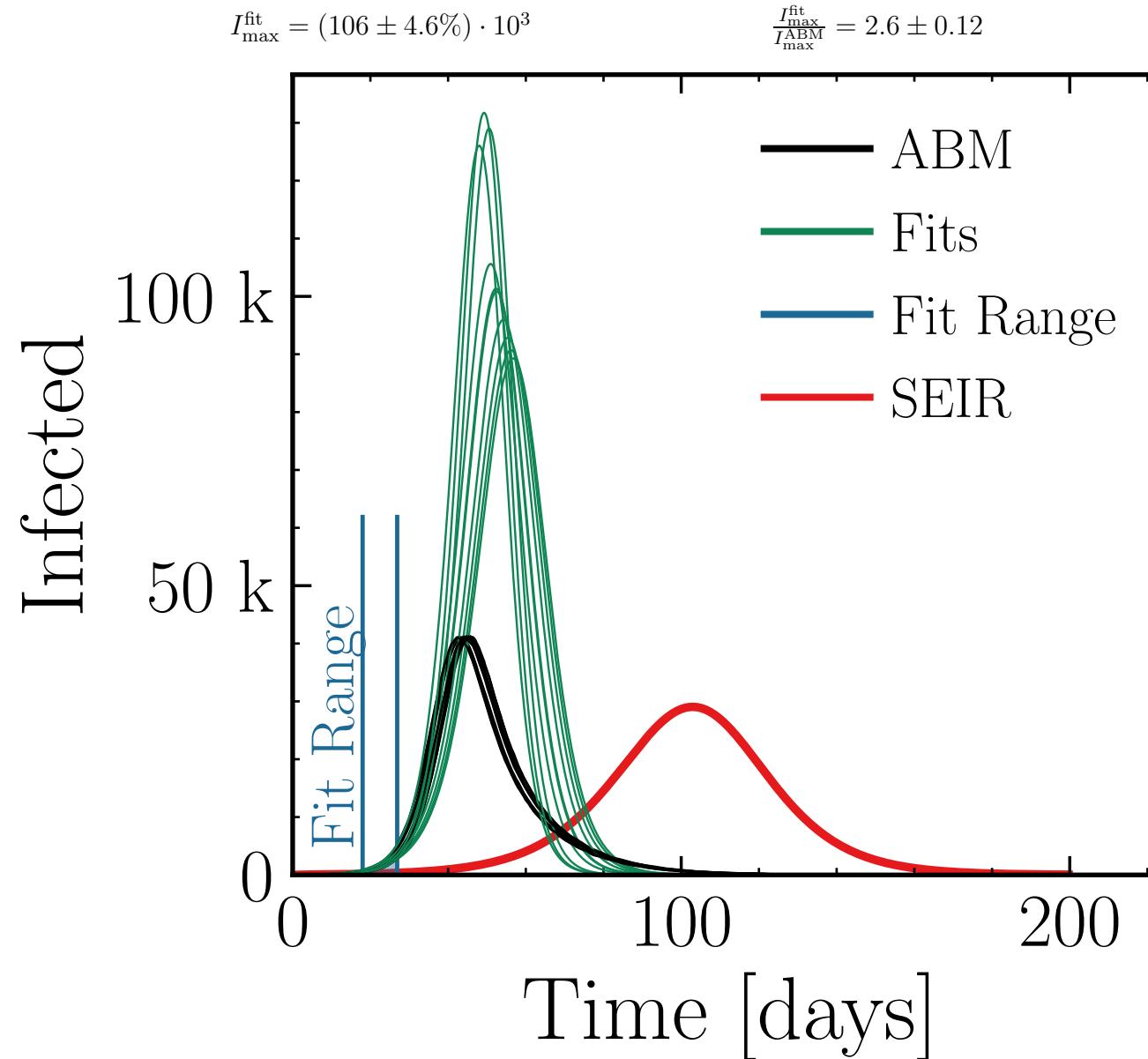
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.4$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 226680346d, #10



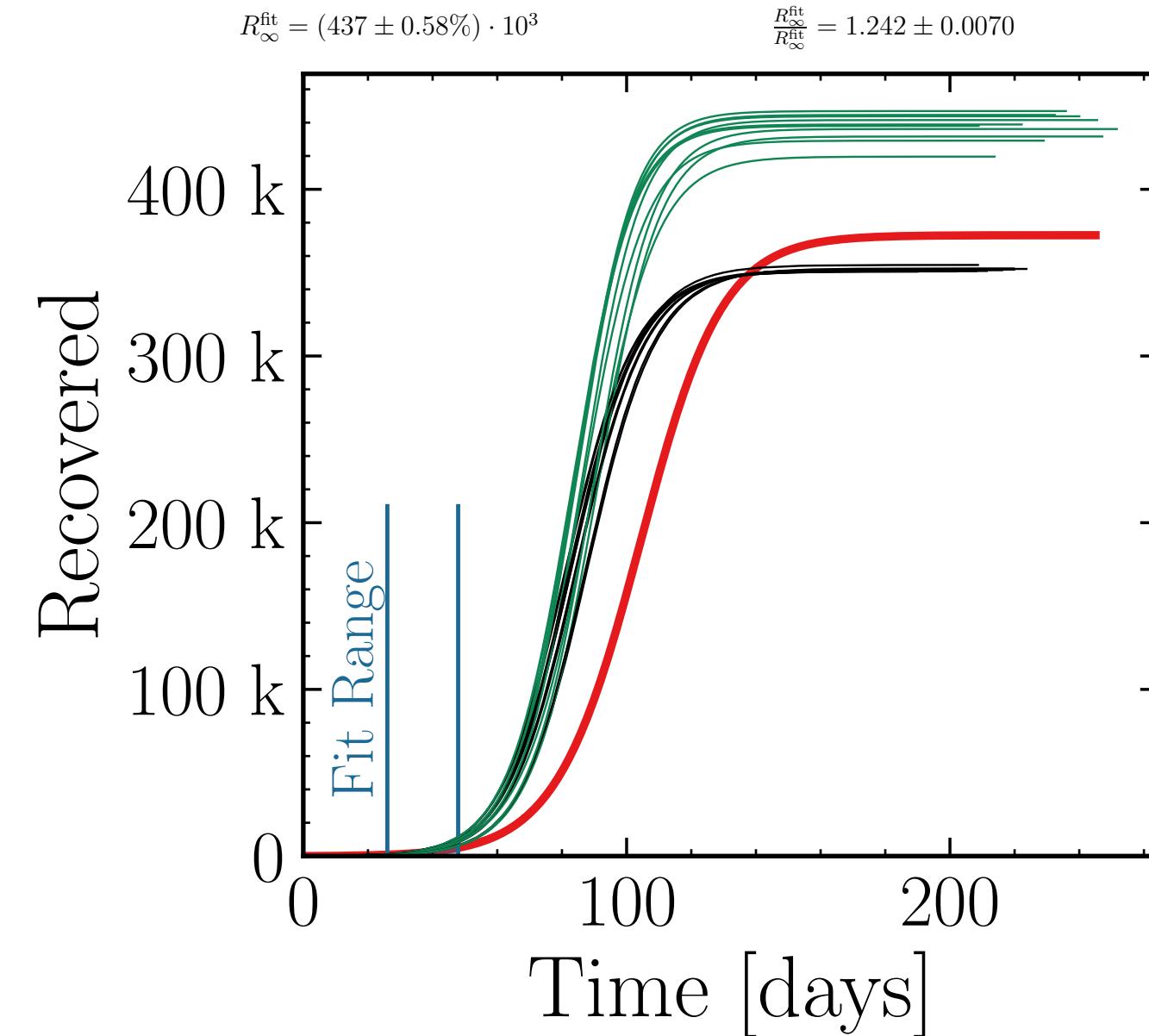
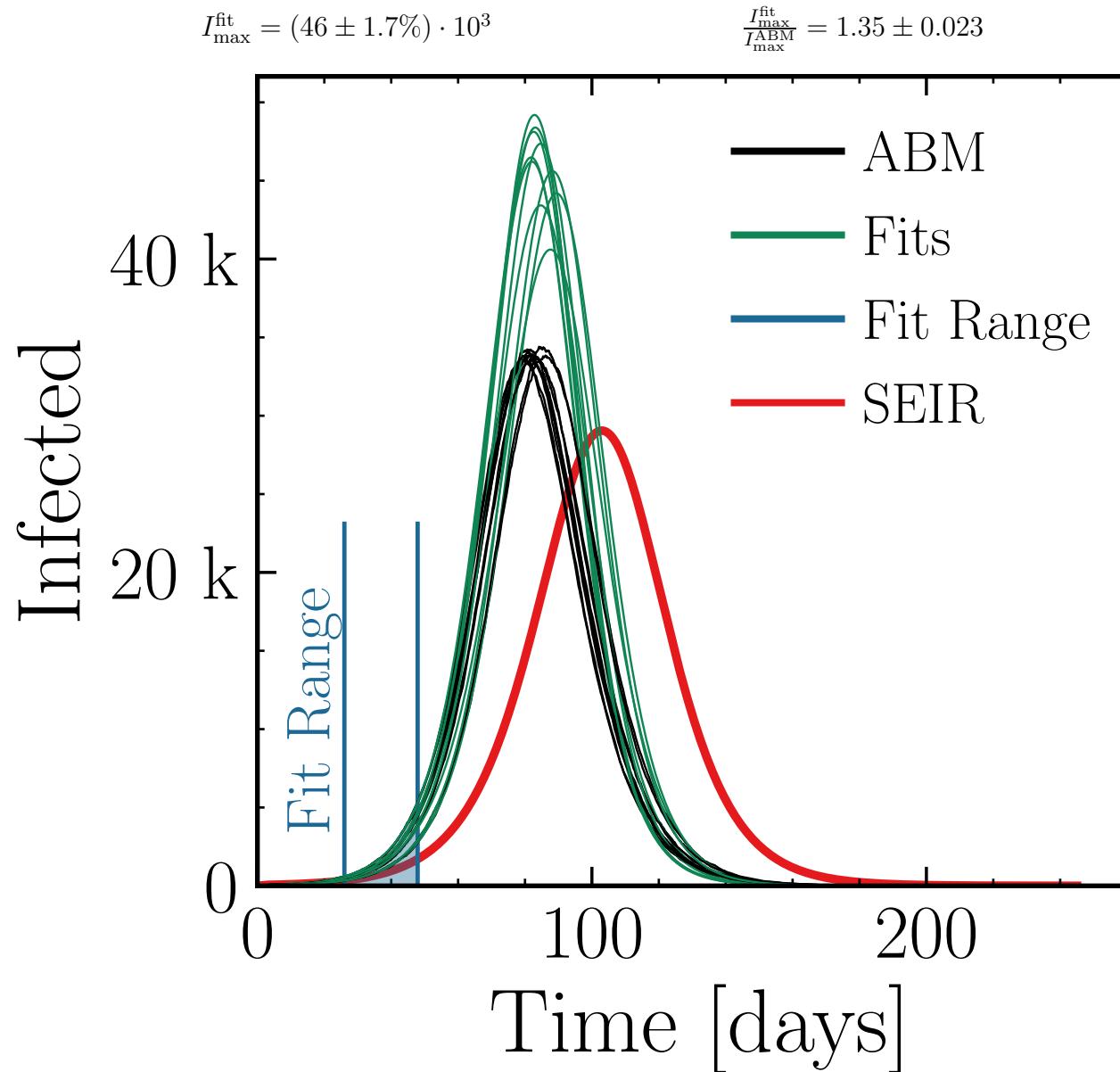
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.3$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5b19a71fed, #10



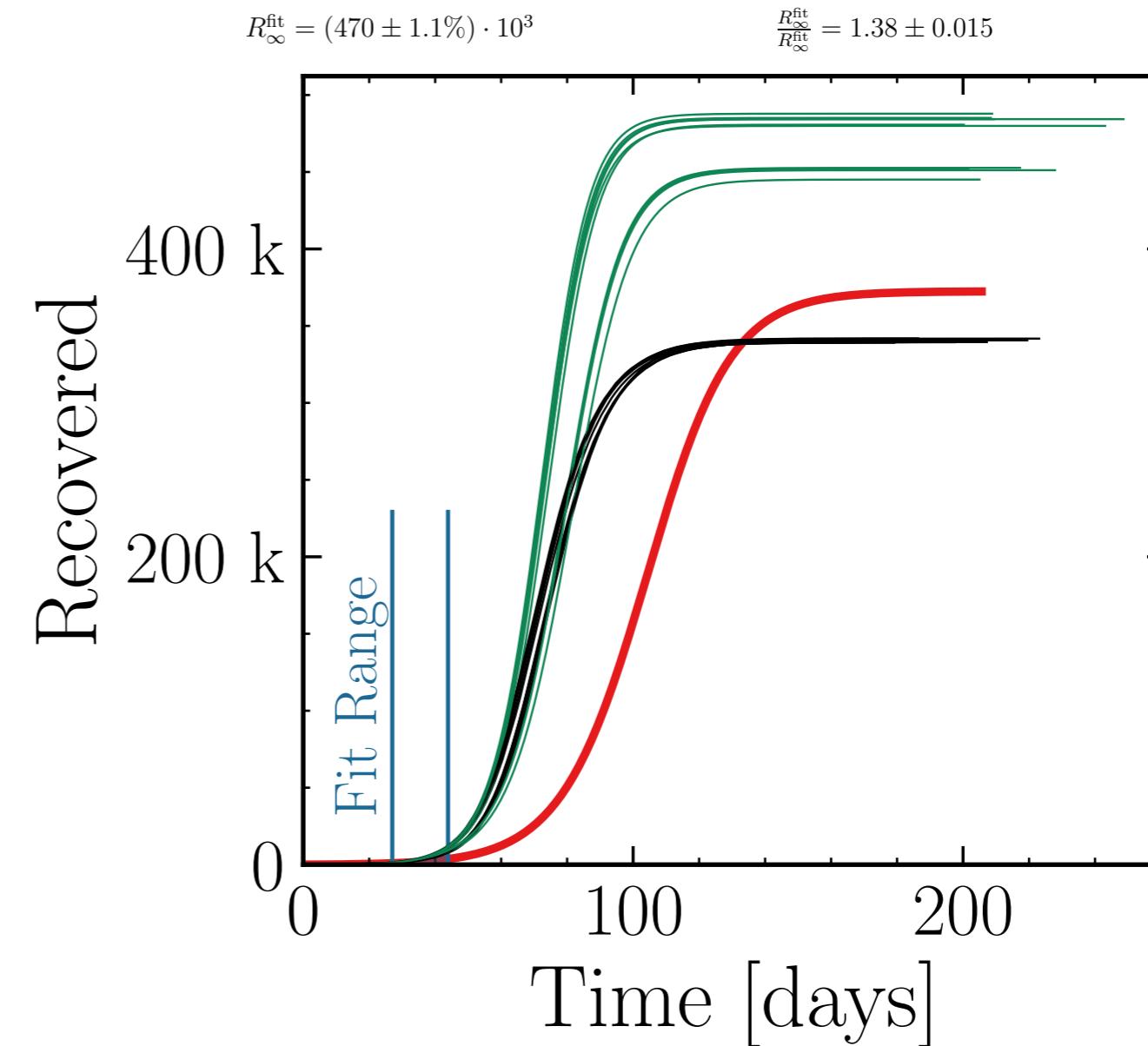
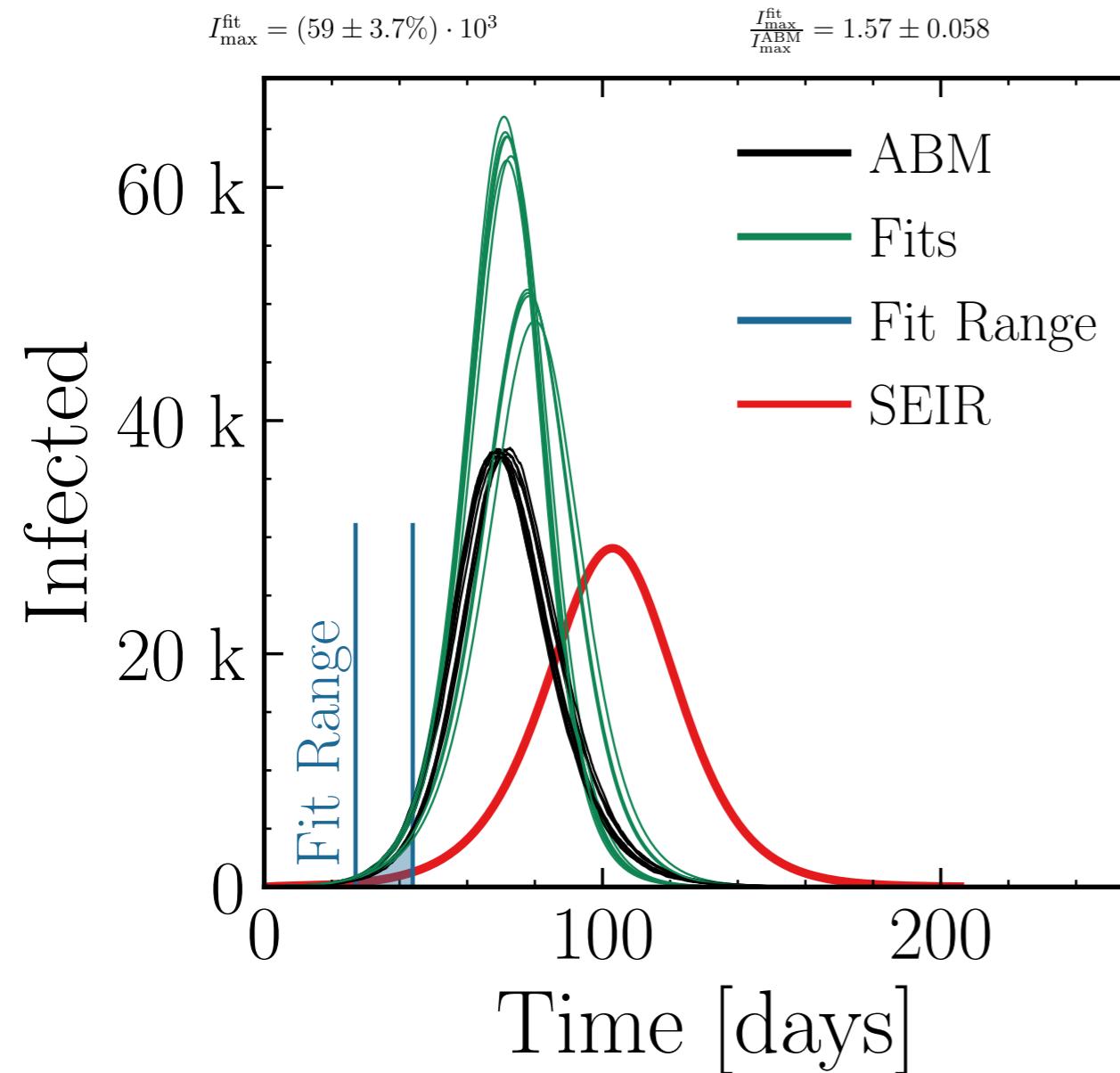
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.2$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b57e121447, #10



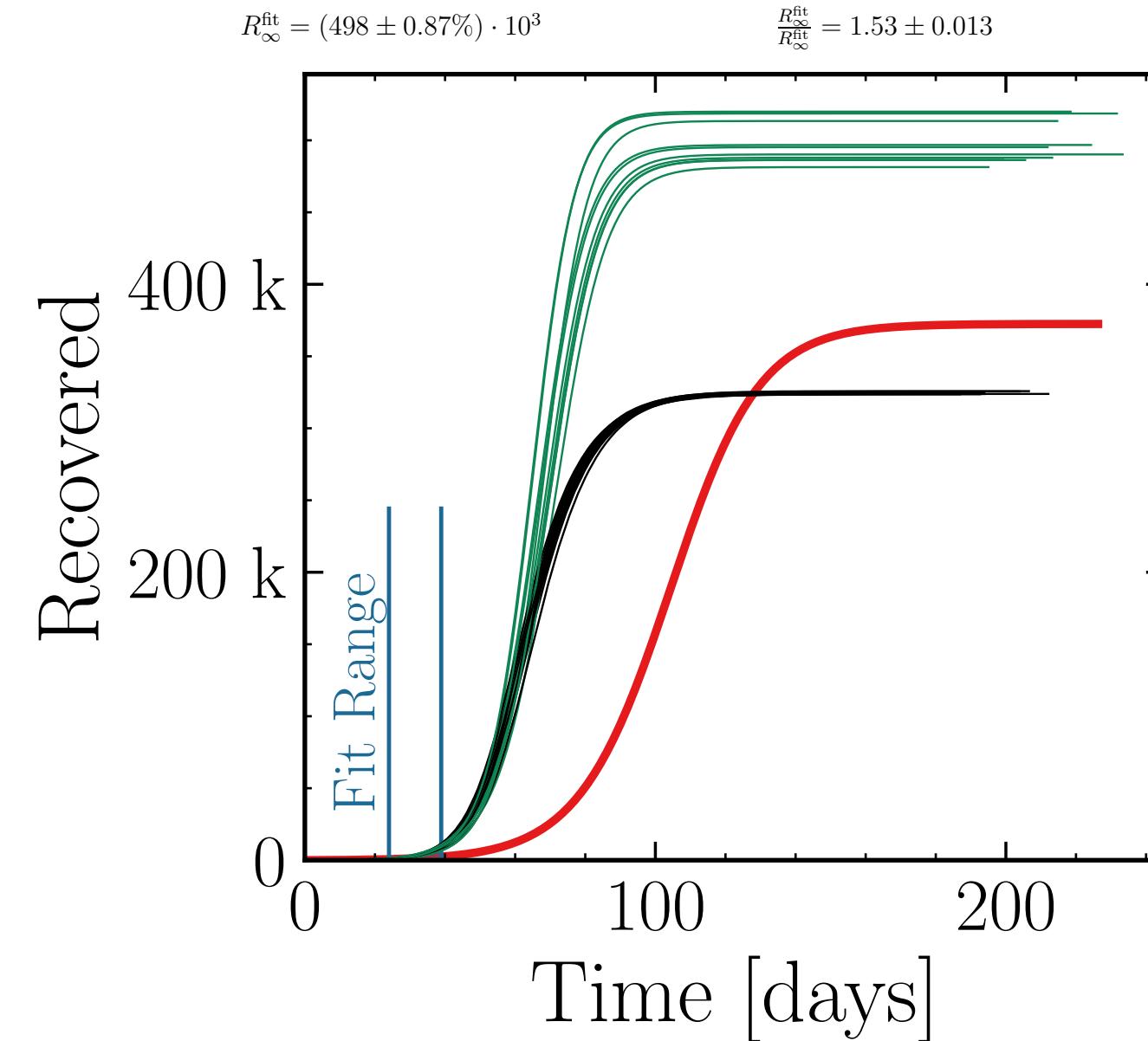
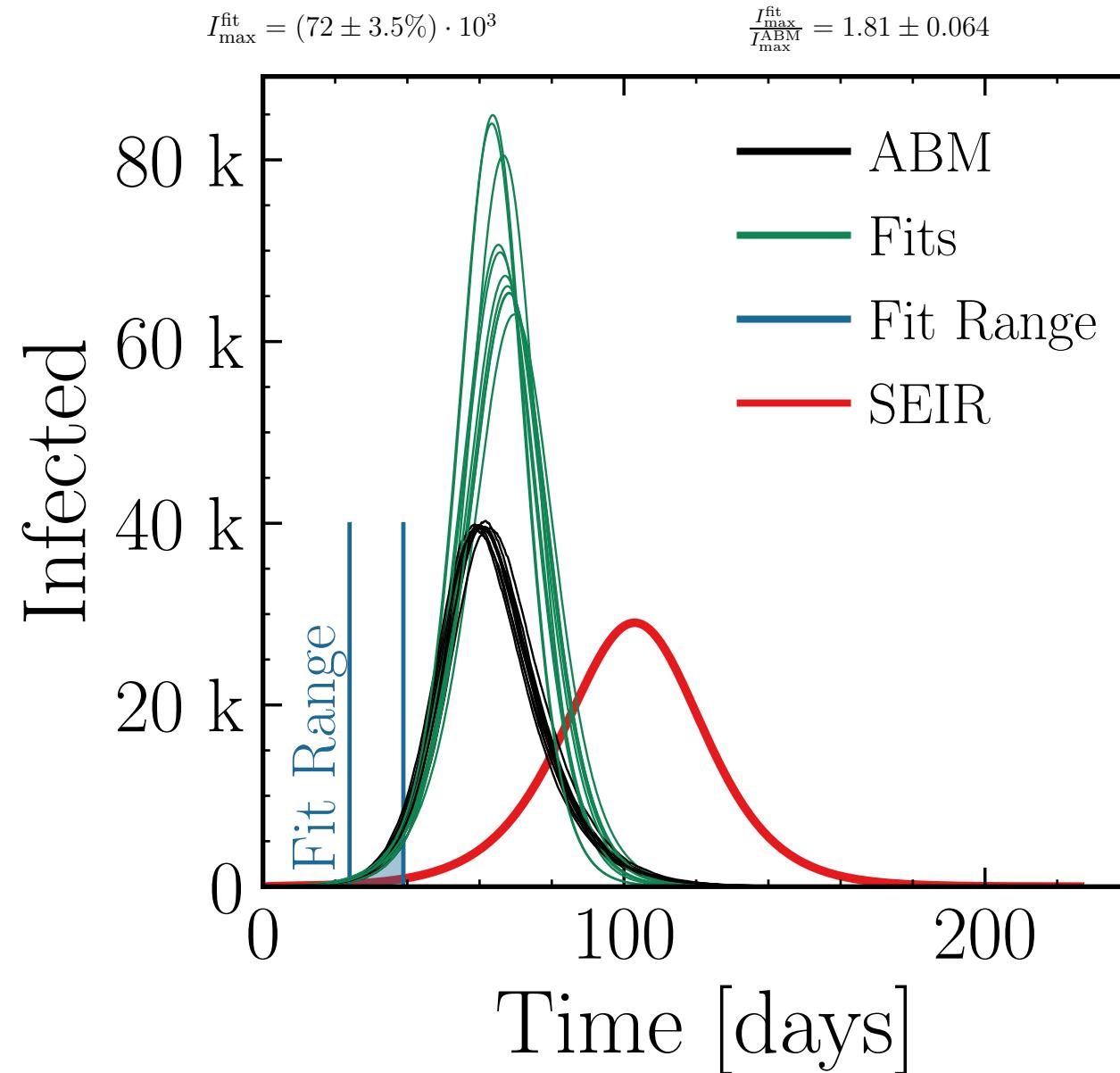
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.7$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0bb02449e4, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.6$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 4dd50c5109, #10

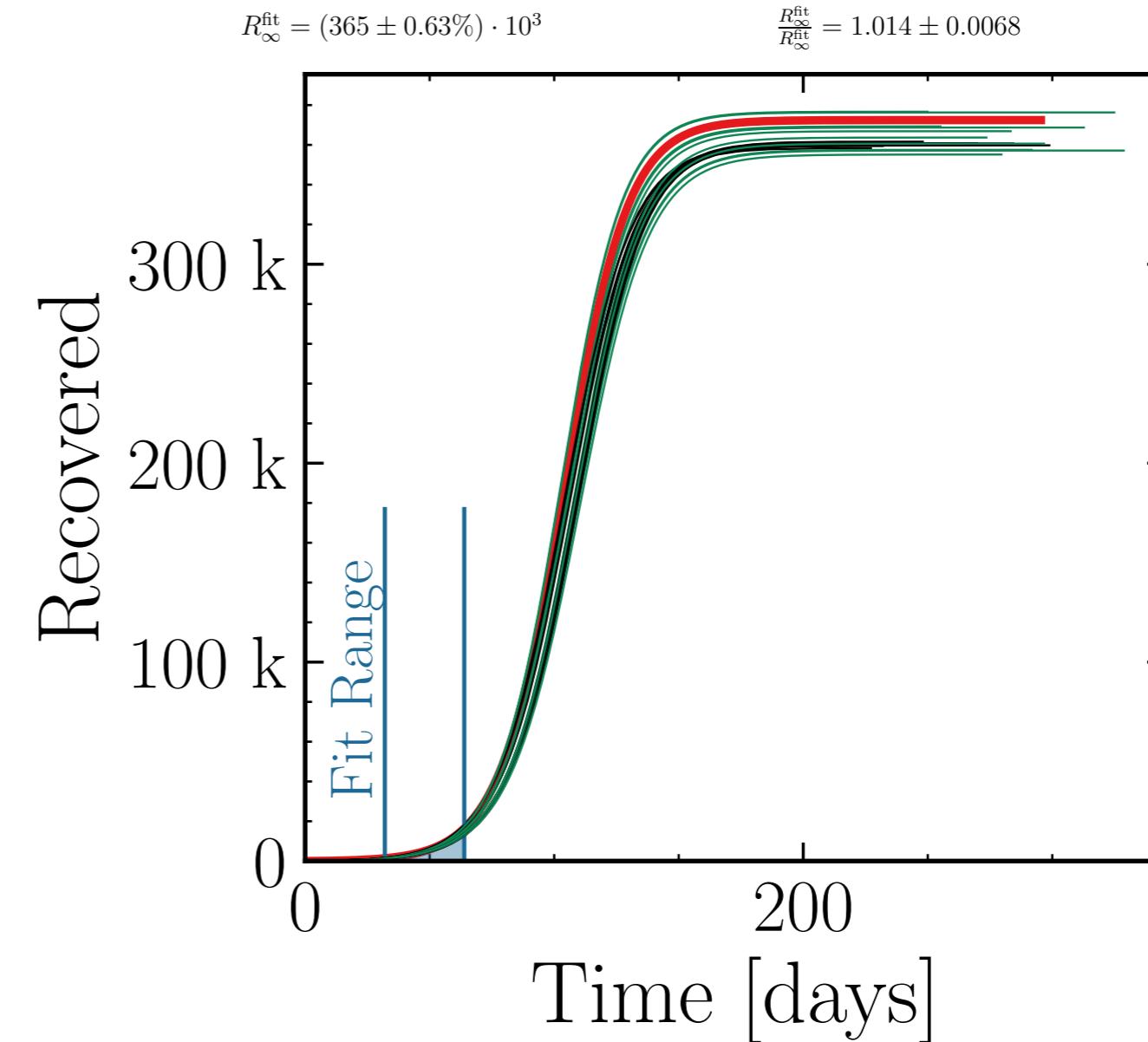
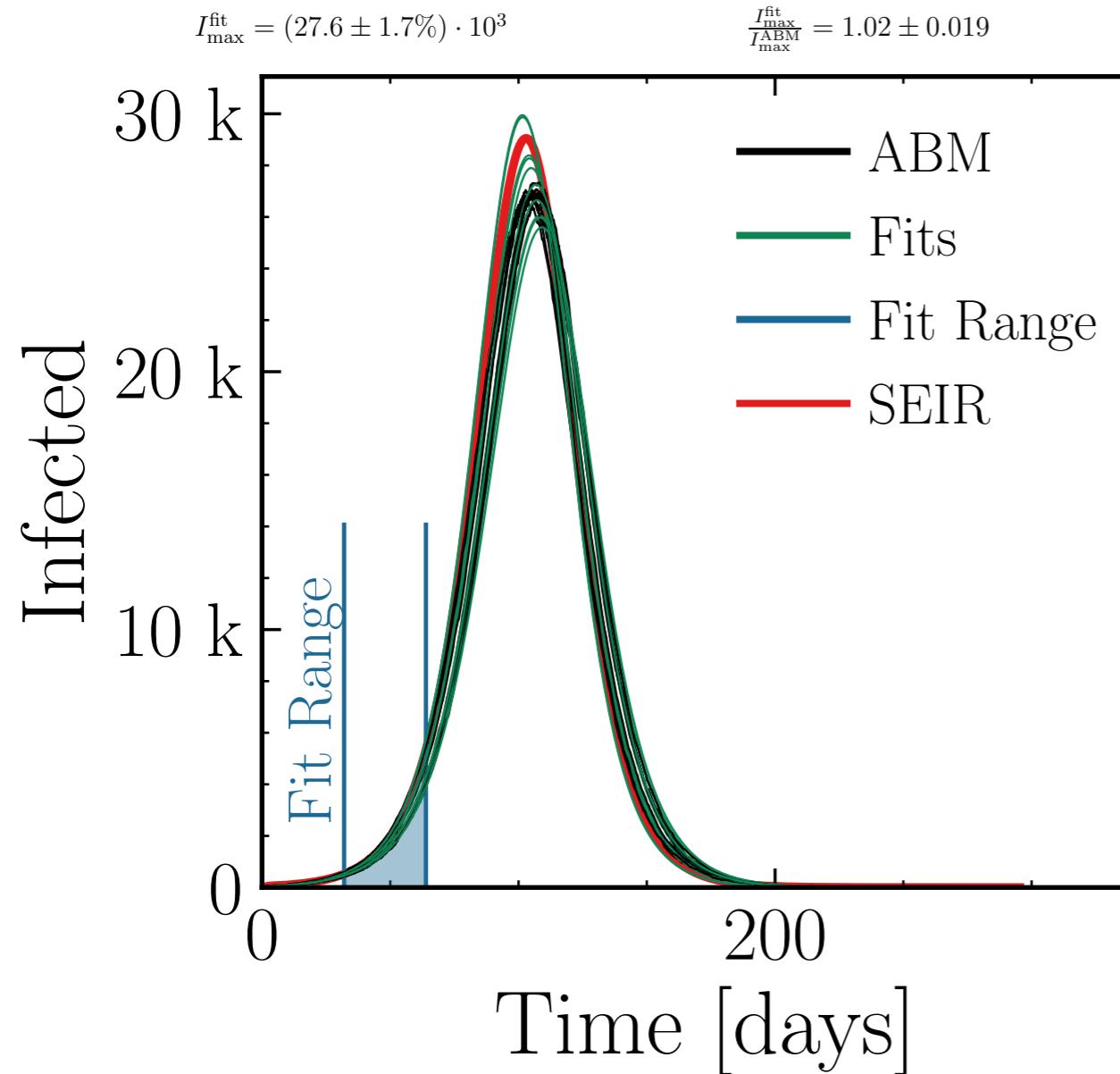


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.5$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b1bef3038a, #10

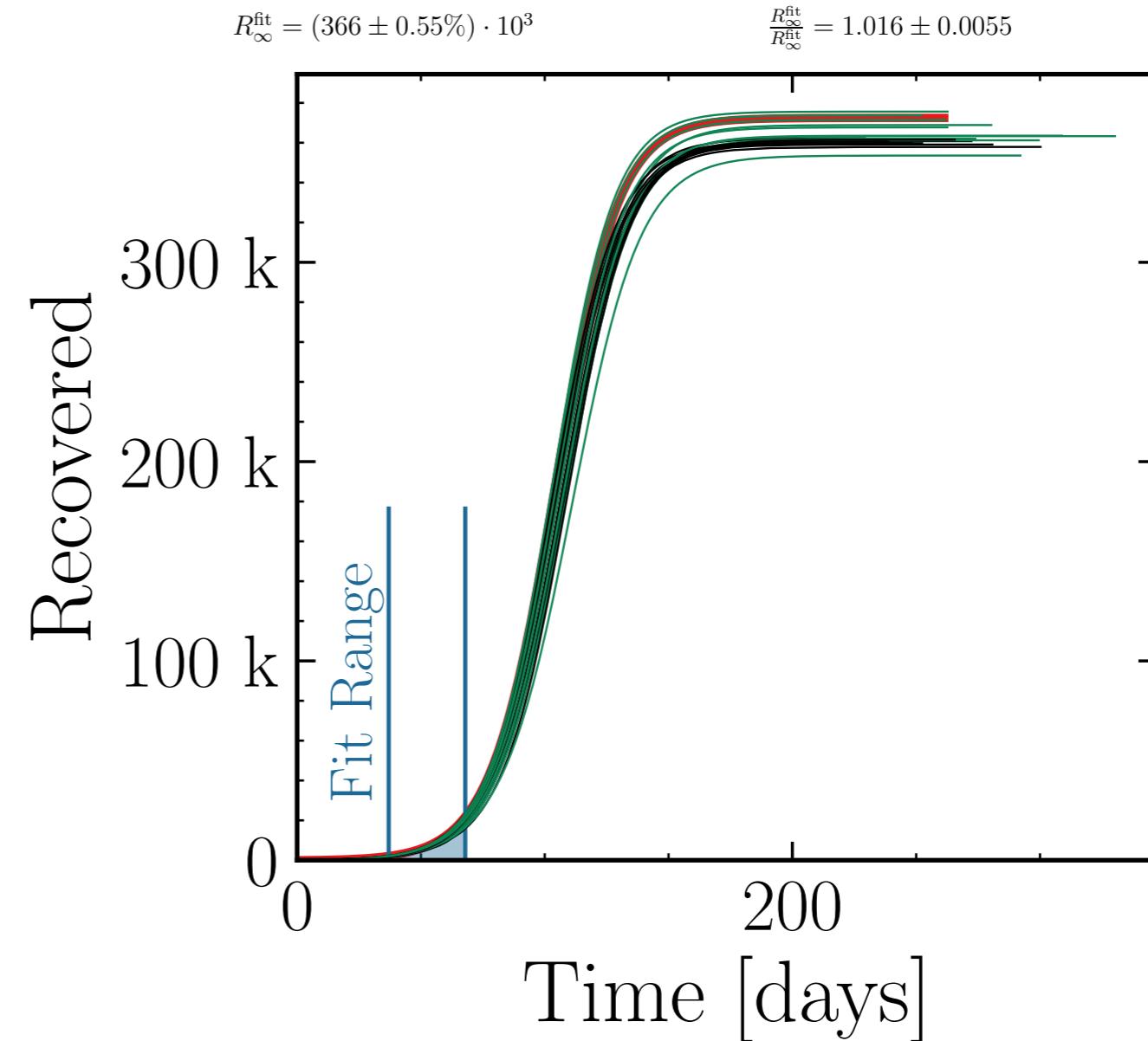
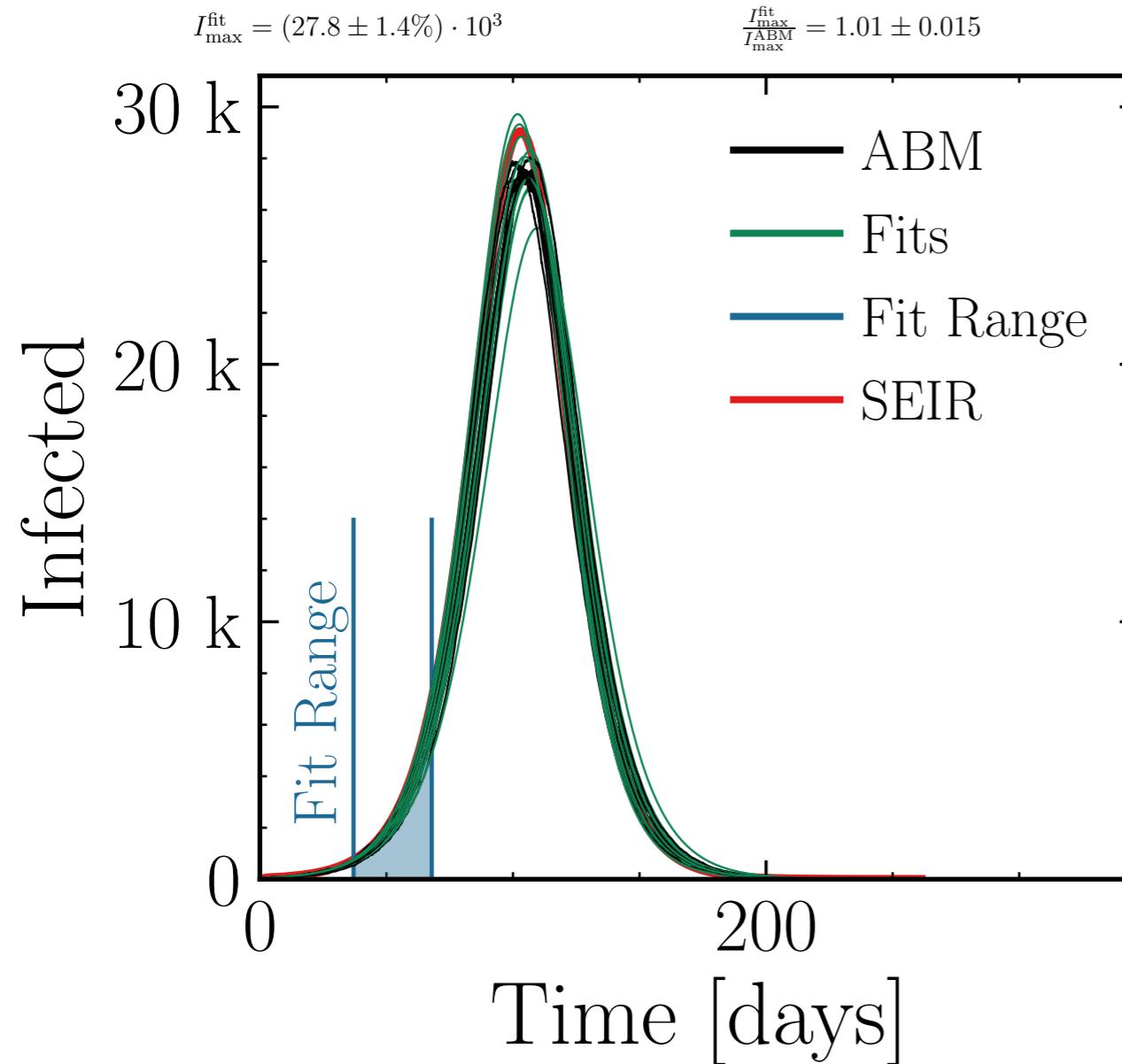


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.95$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = fabdfc6a81, #10

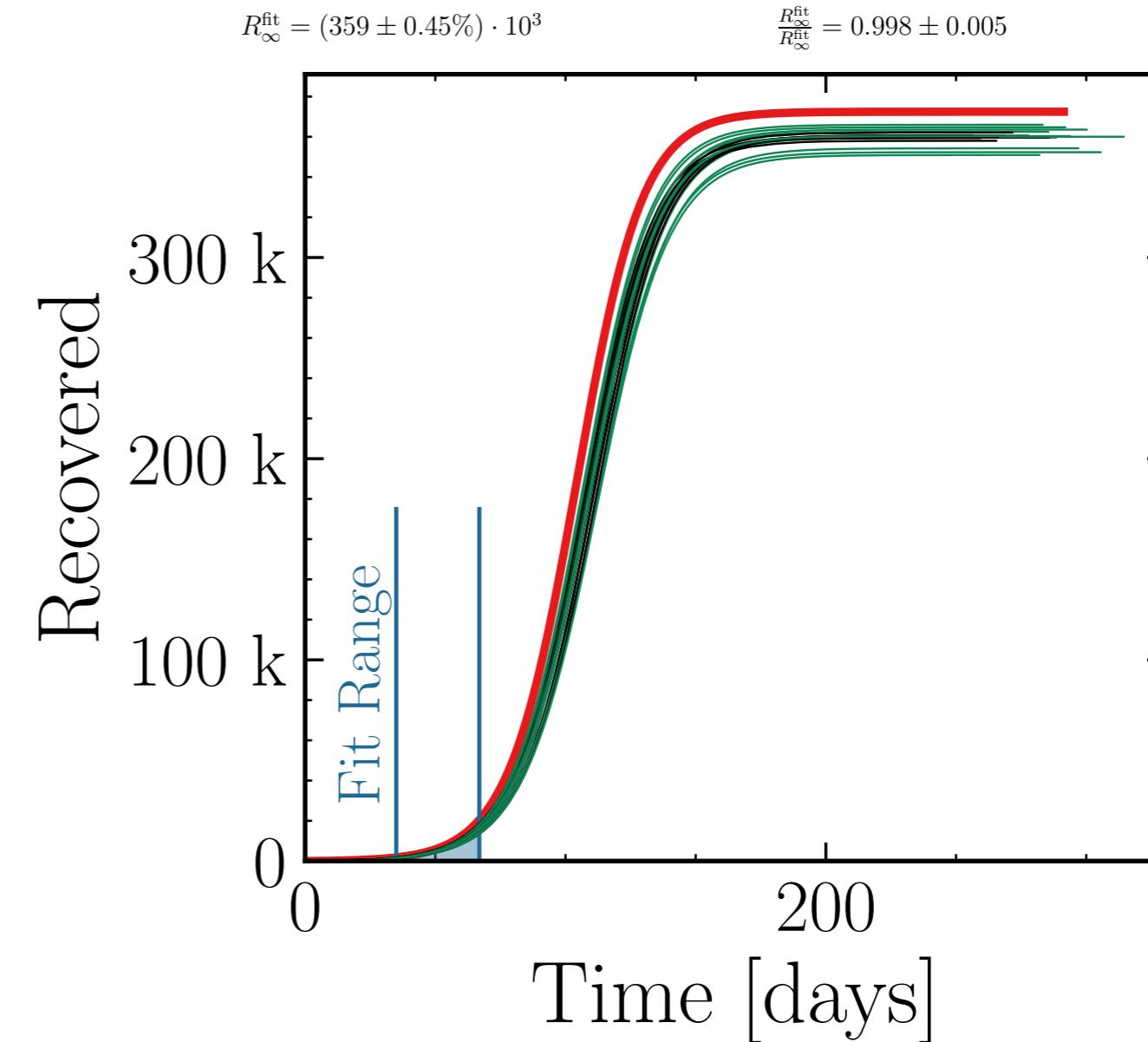
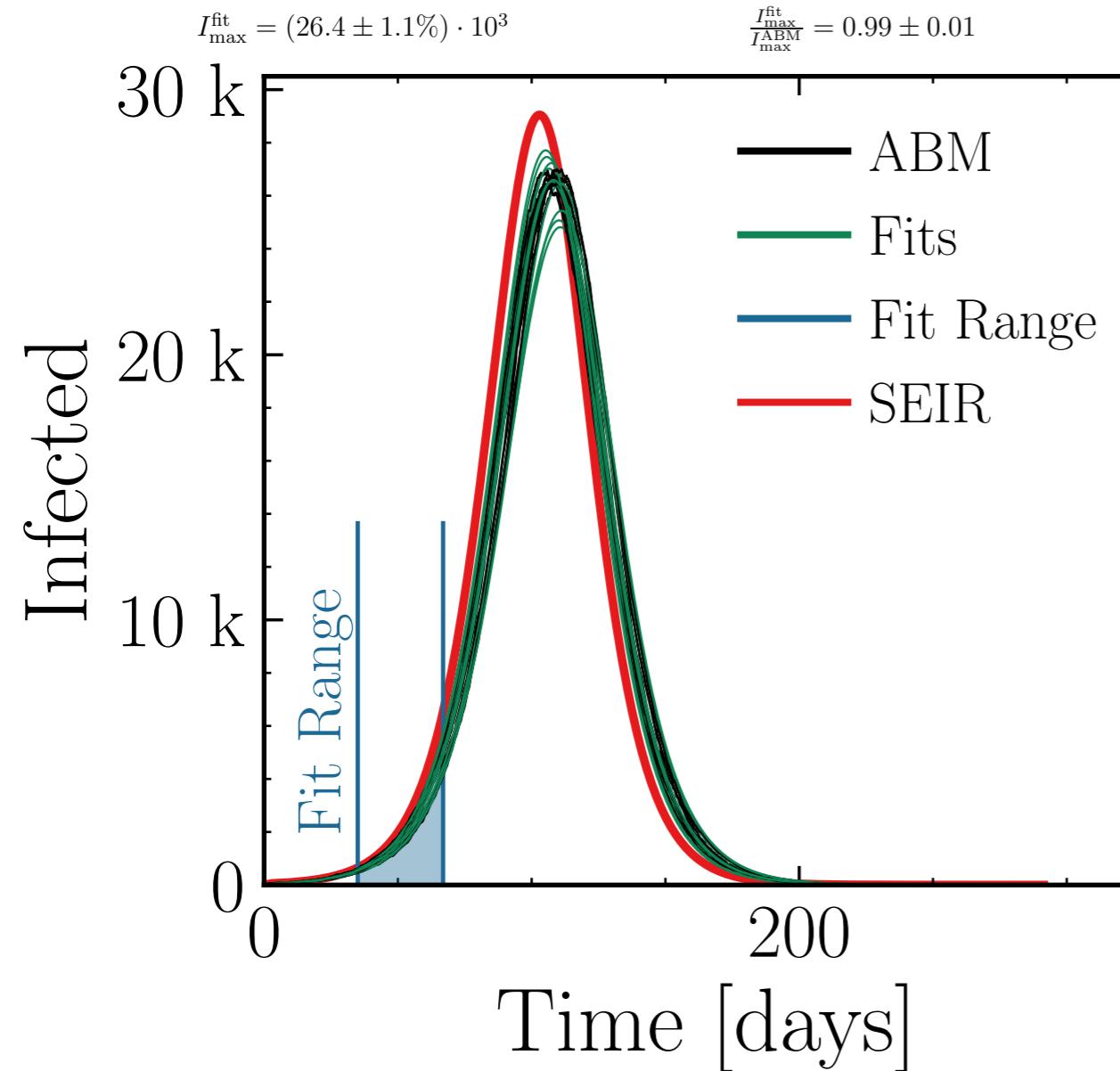


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.9$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0eeaa448b7, #10

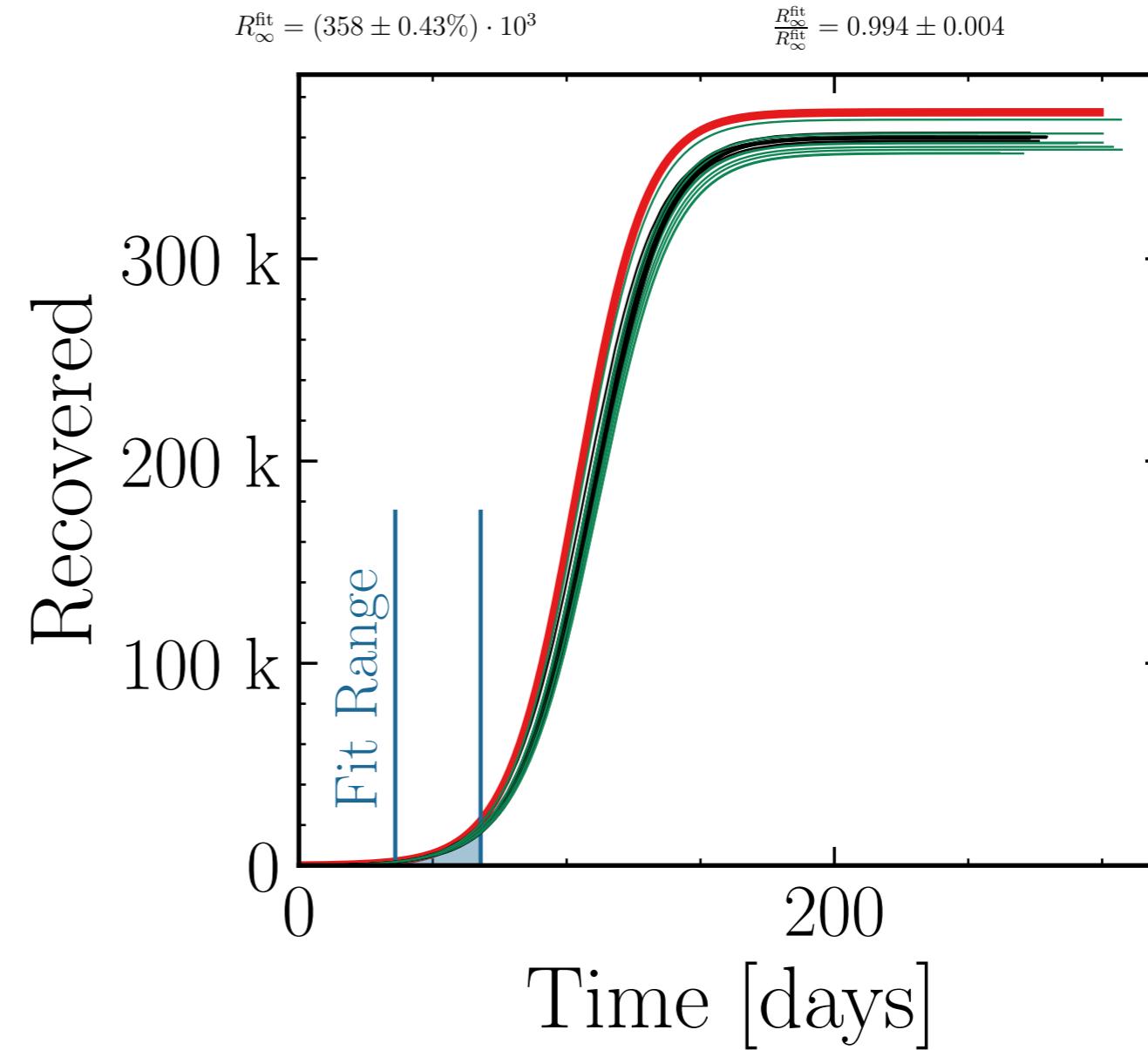
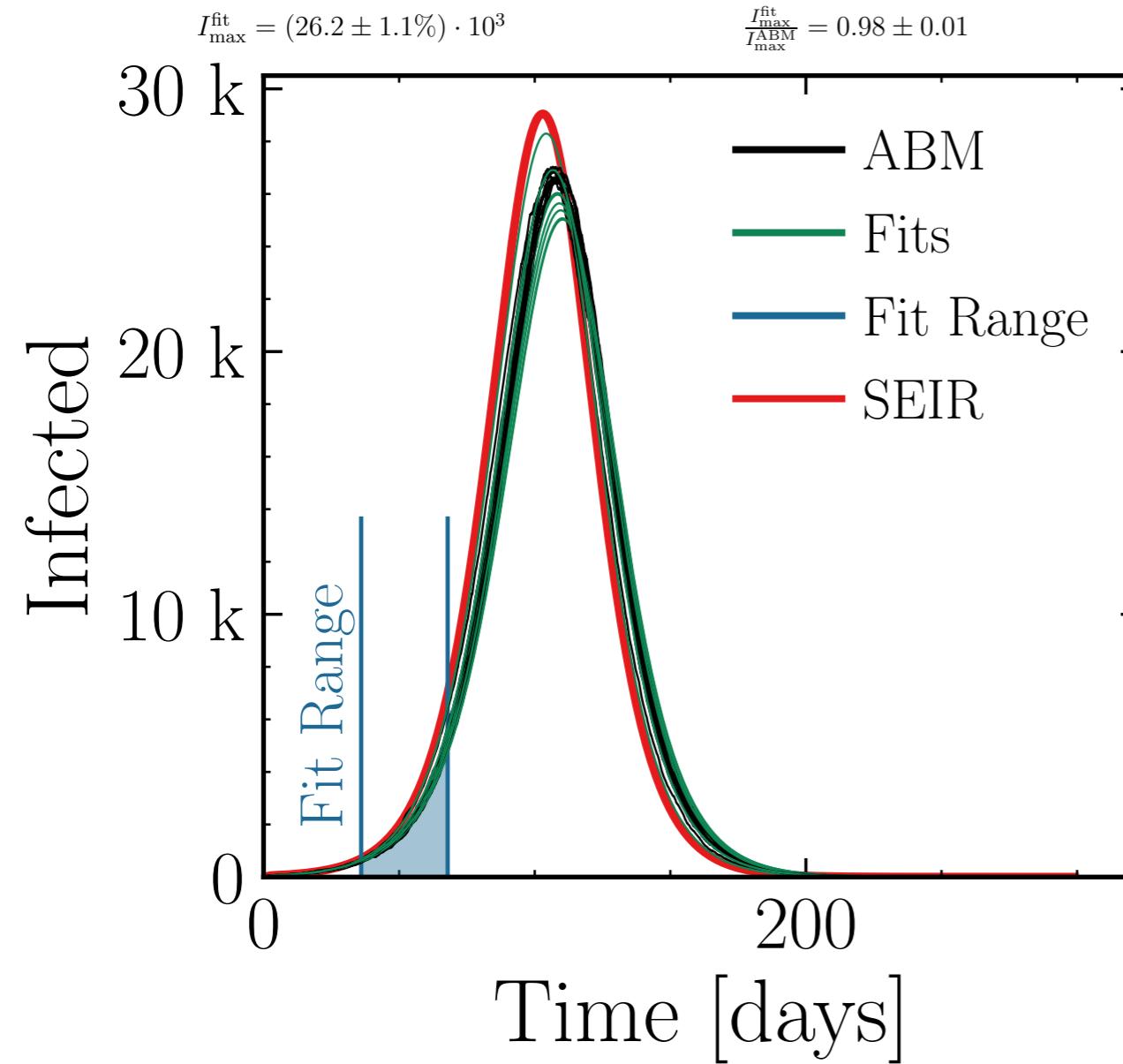


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.99$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

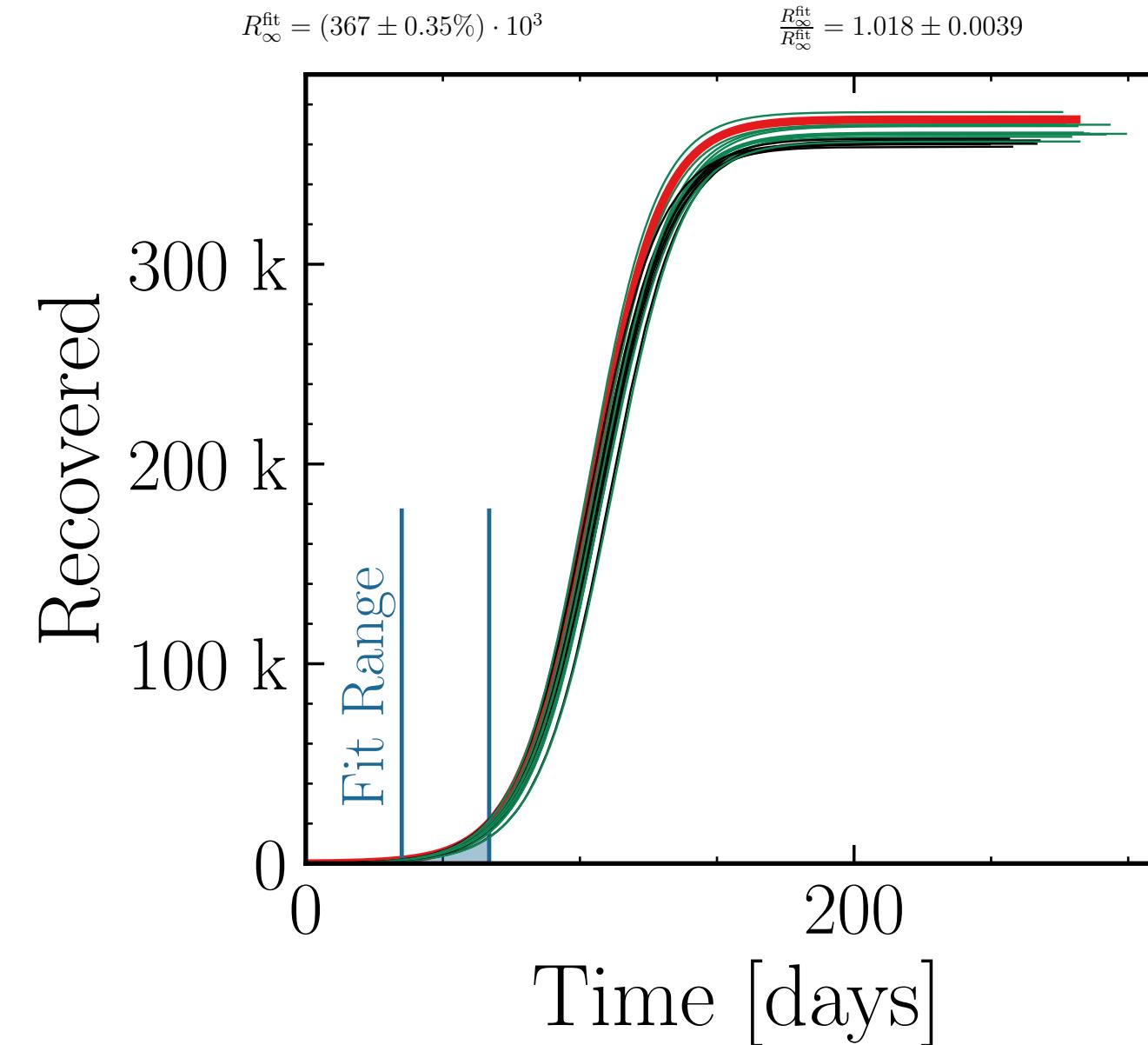
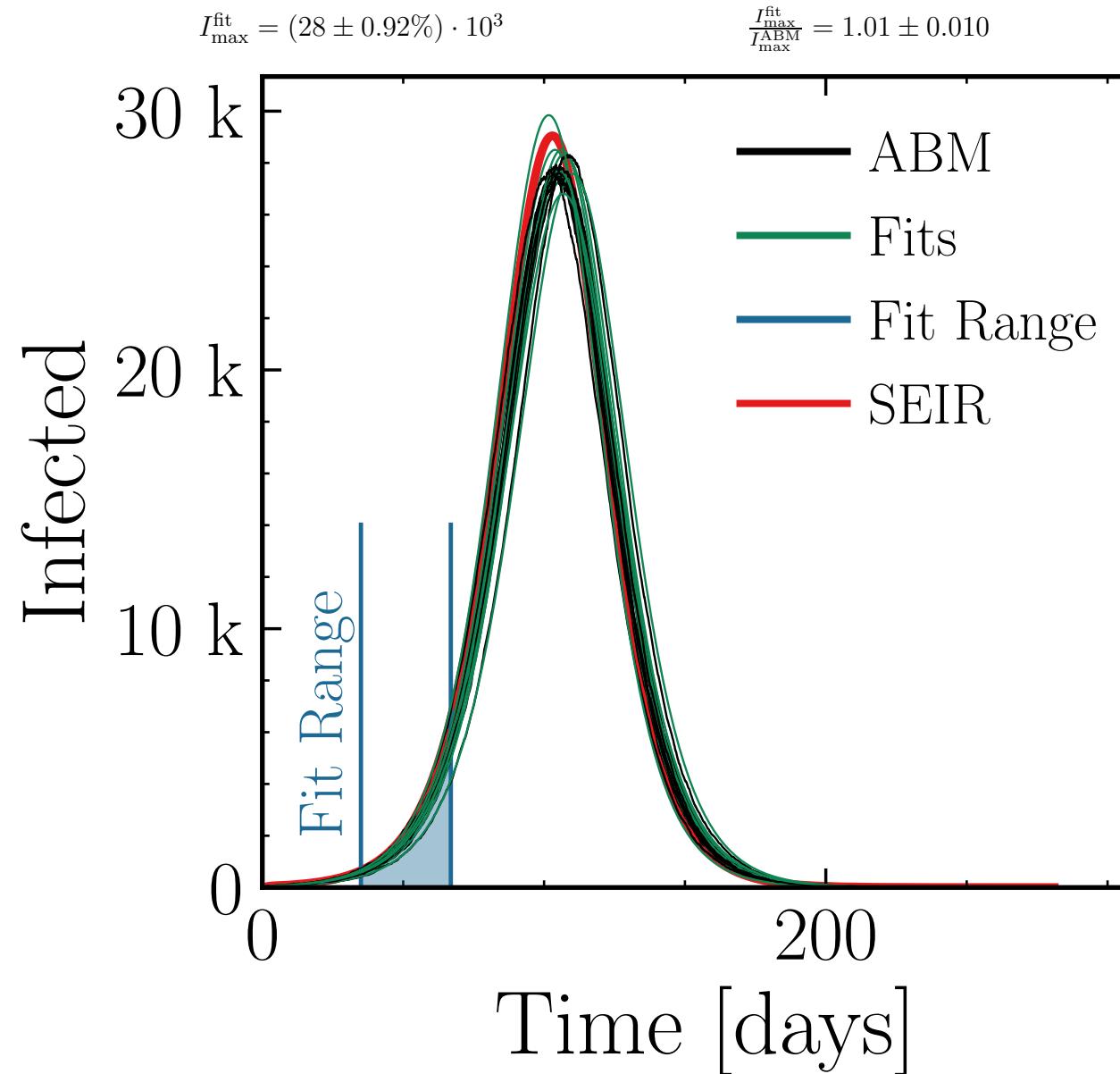
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = cc55066f71, #10



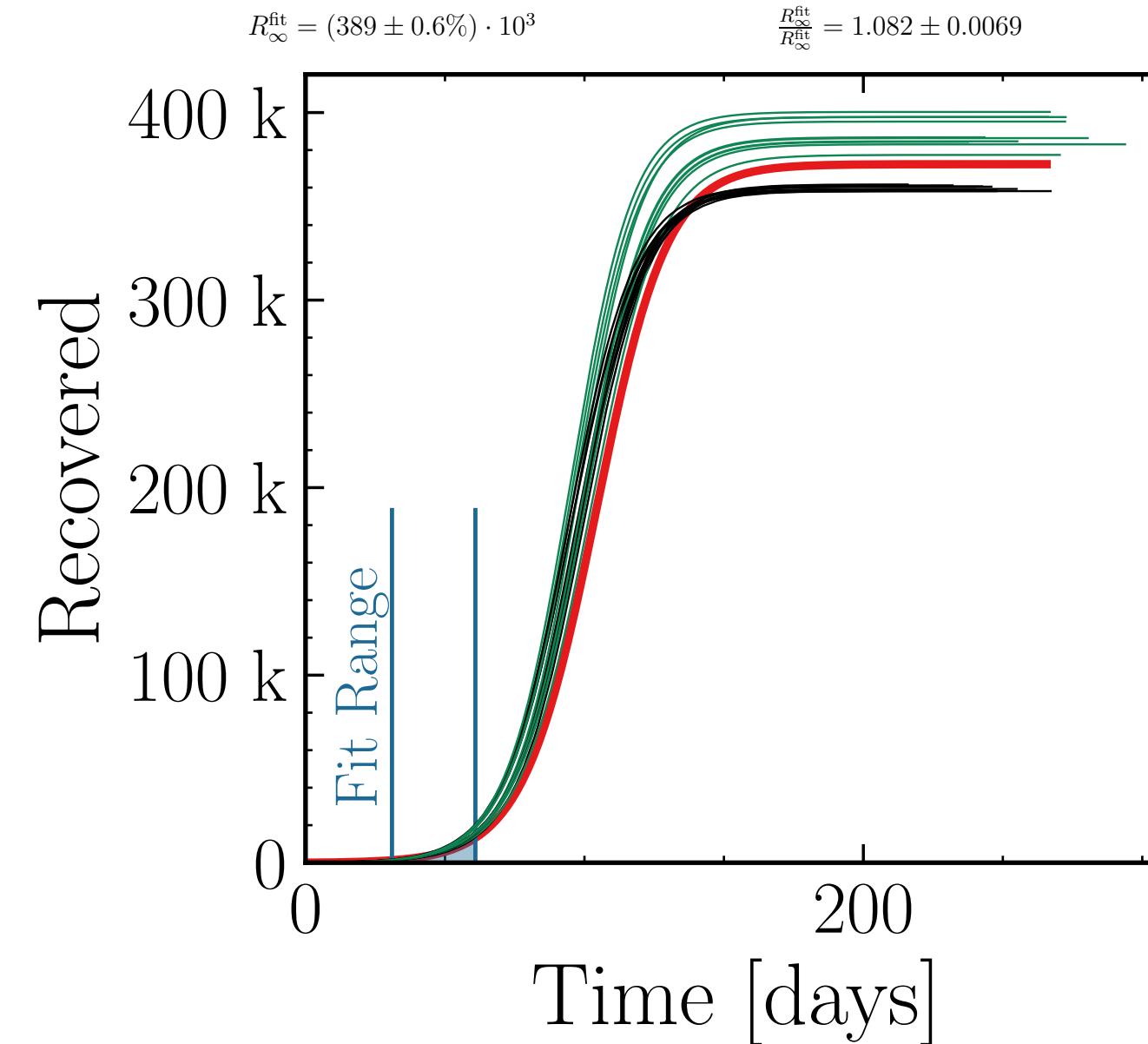
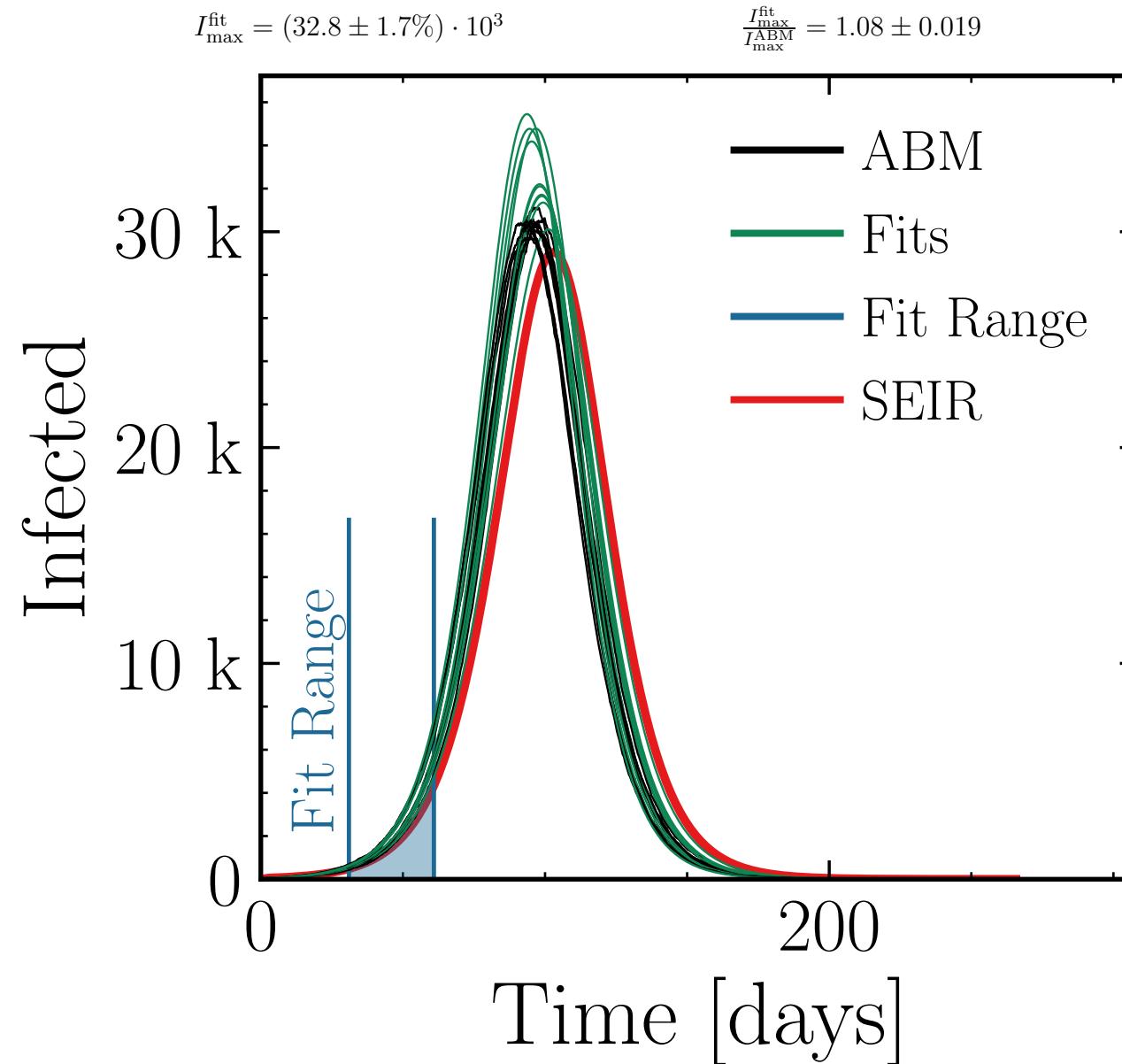
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 1.0$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = af4bd5a959, #10



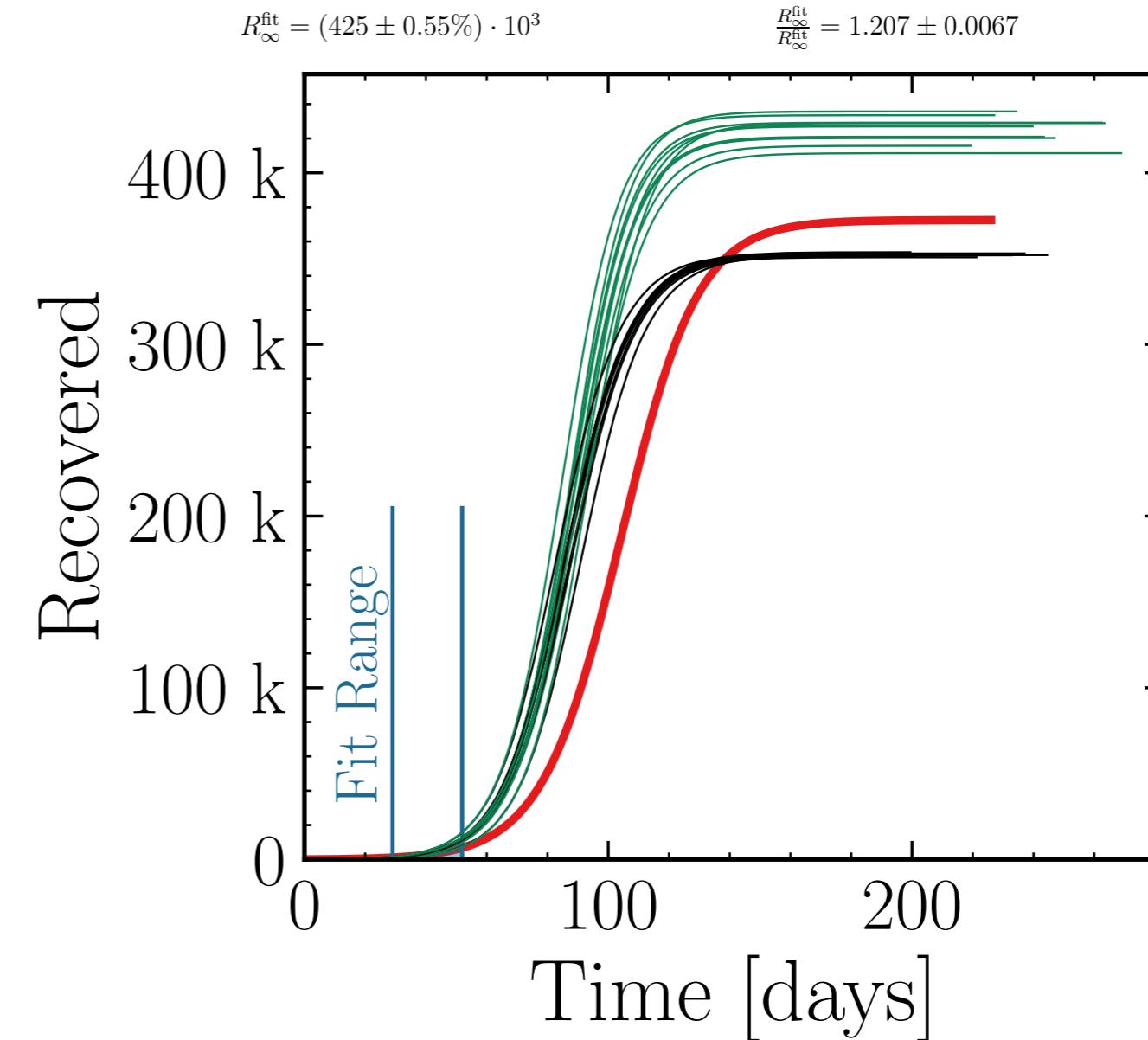
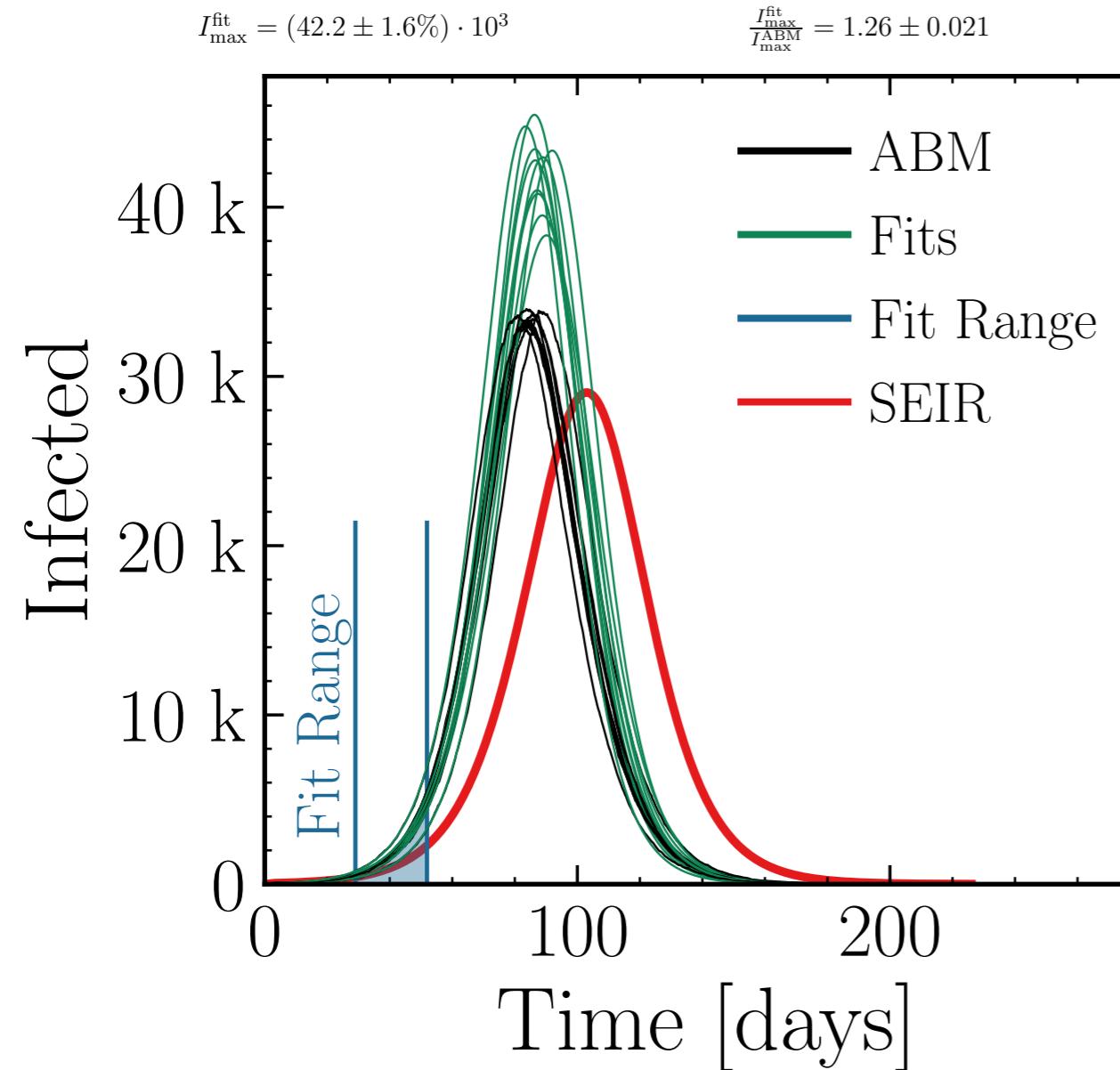
$N_{\text{tot}} = 580K$ ,  $\rho = 0.005$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0afb75ea61, #10



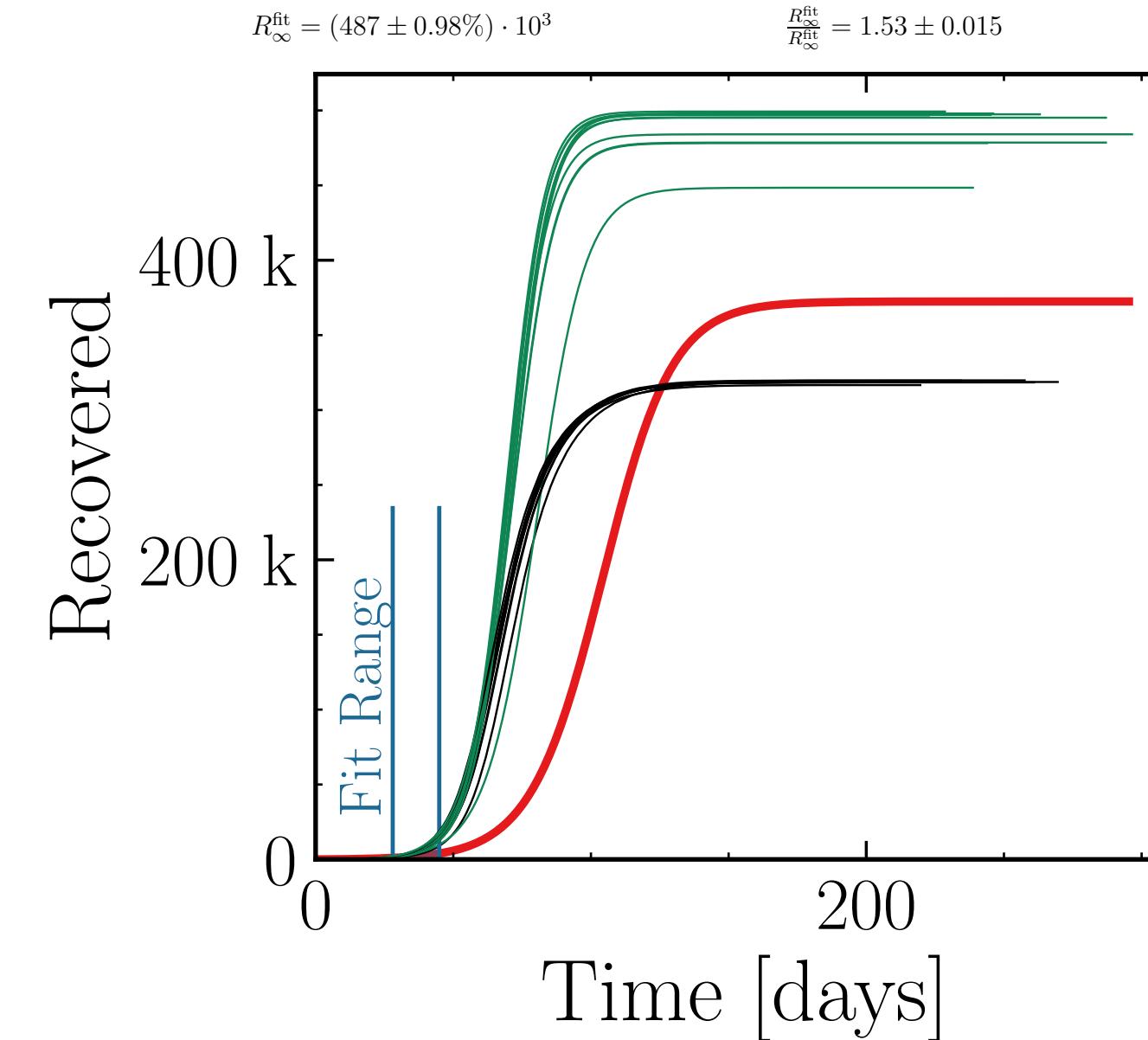
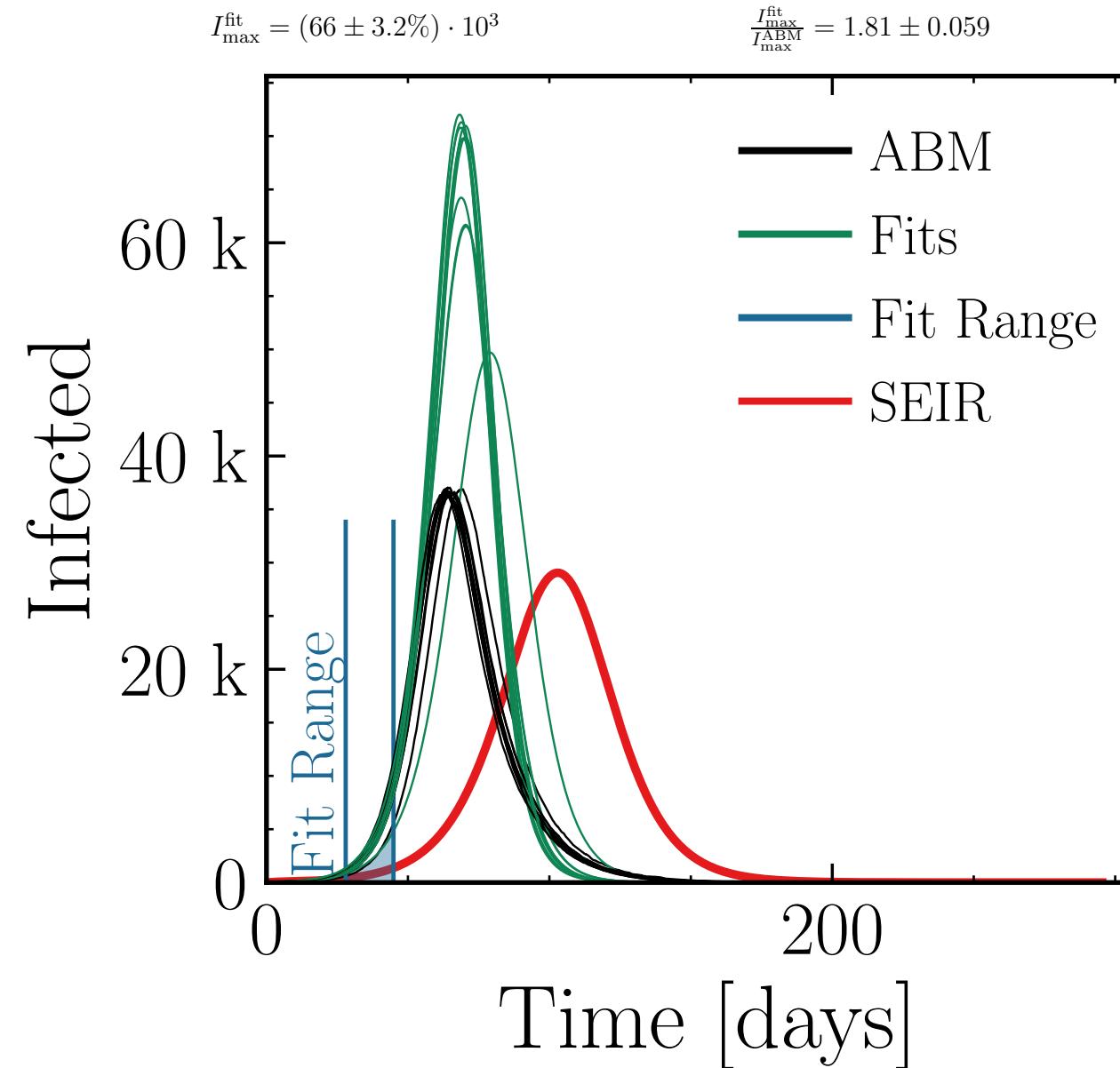
$N_{\text{tot}} = 580K$ ,  $\rho = 0.01$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d6c1f40bfe, #10



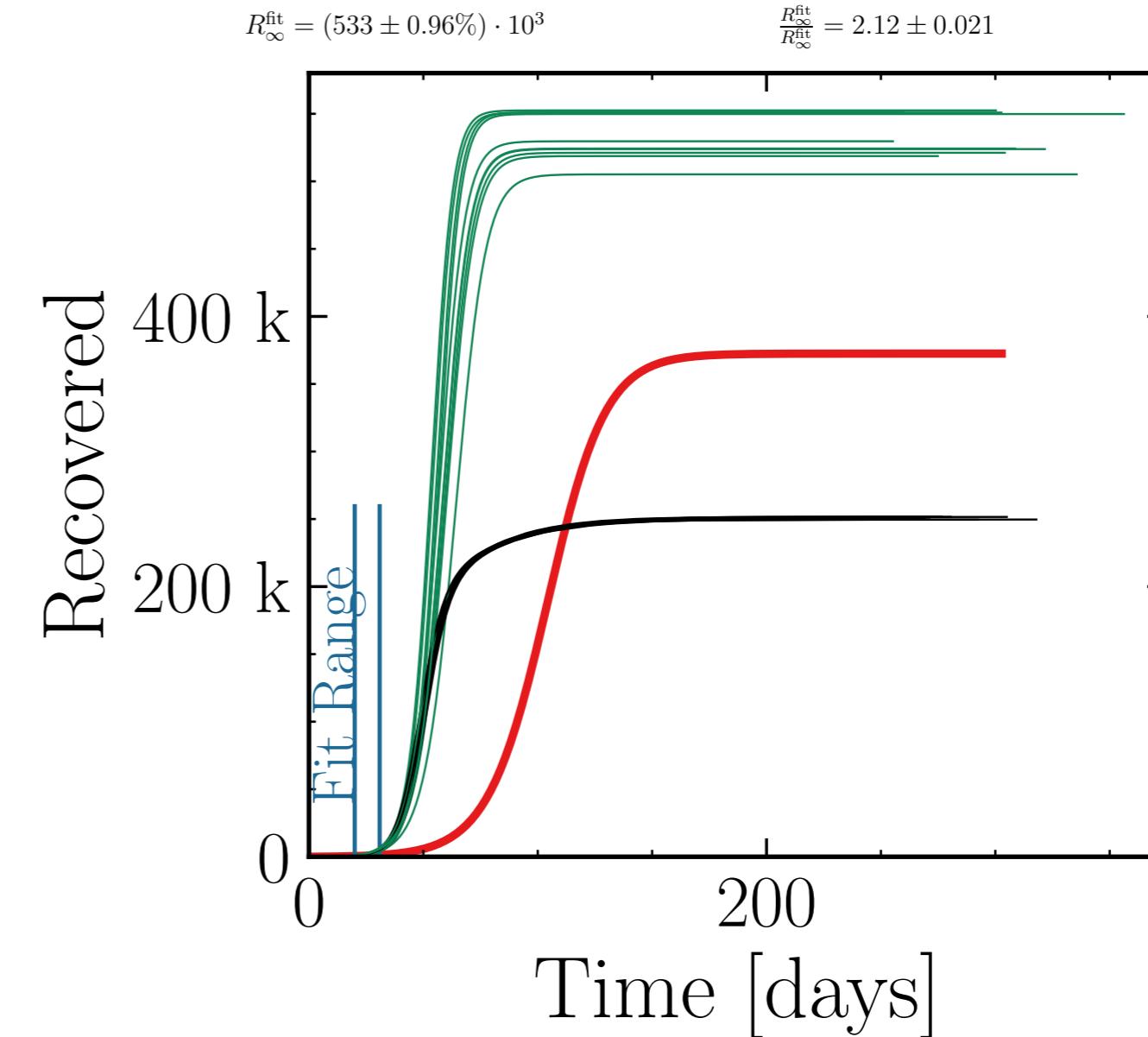
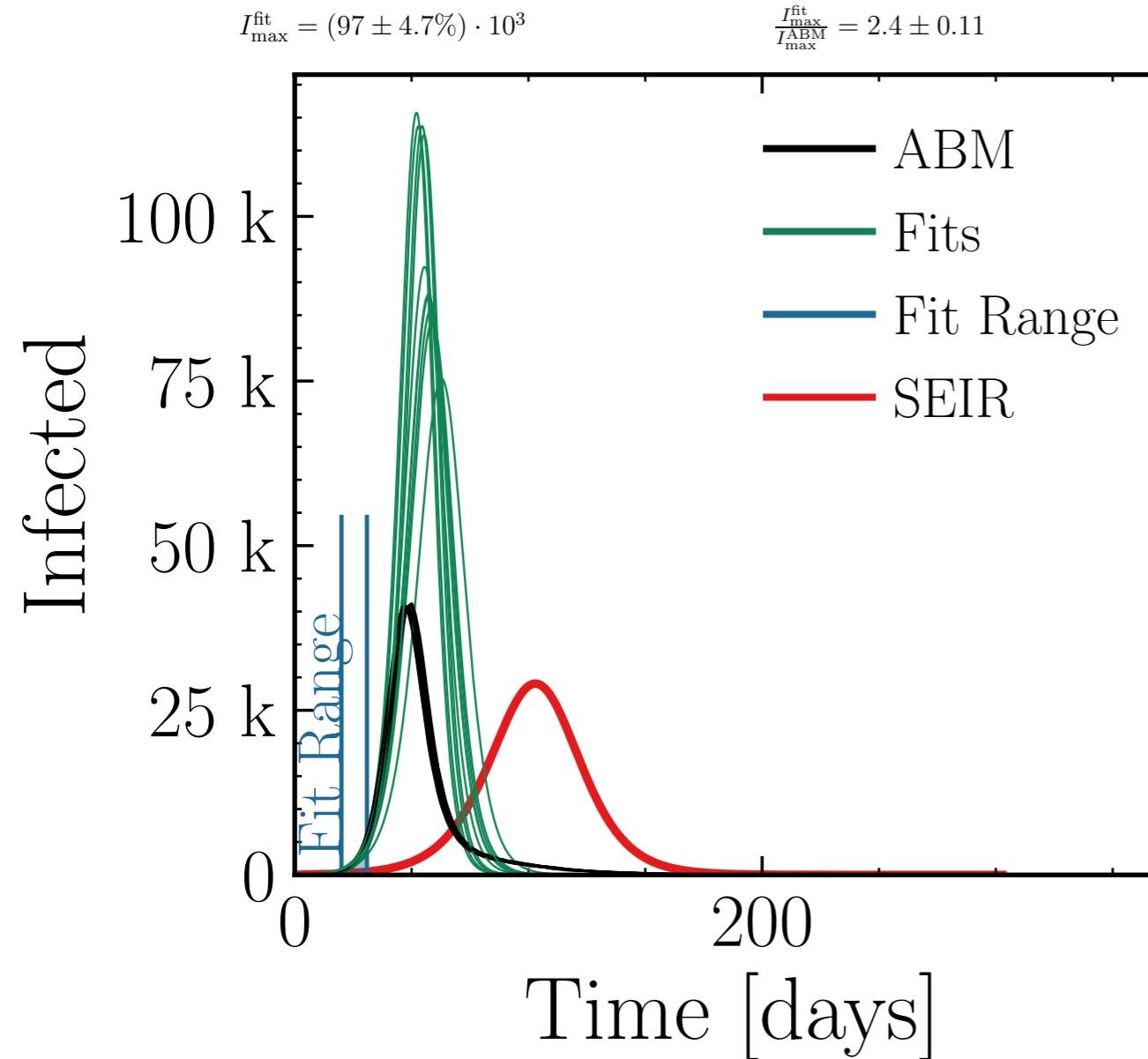
$N_{\text{tot}} = 580K$ ,  $\rho = 0.015$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 1cda4a940a, #10



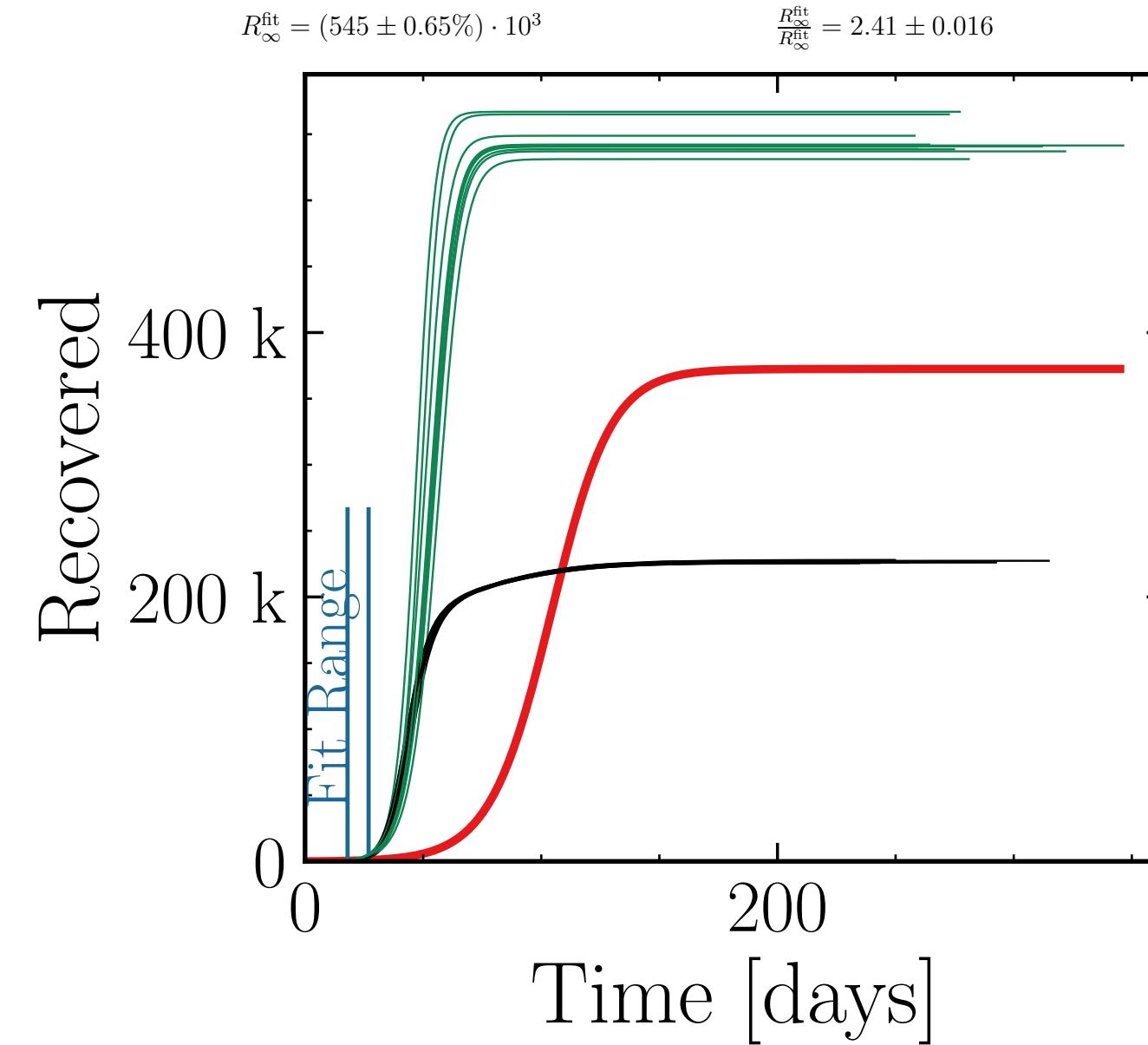
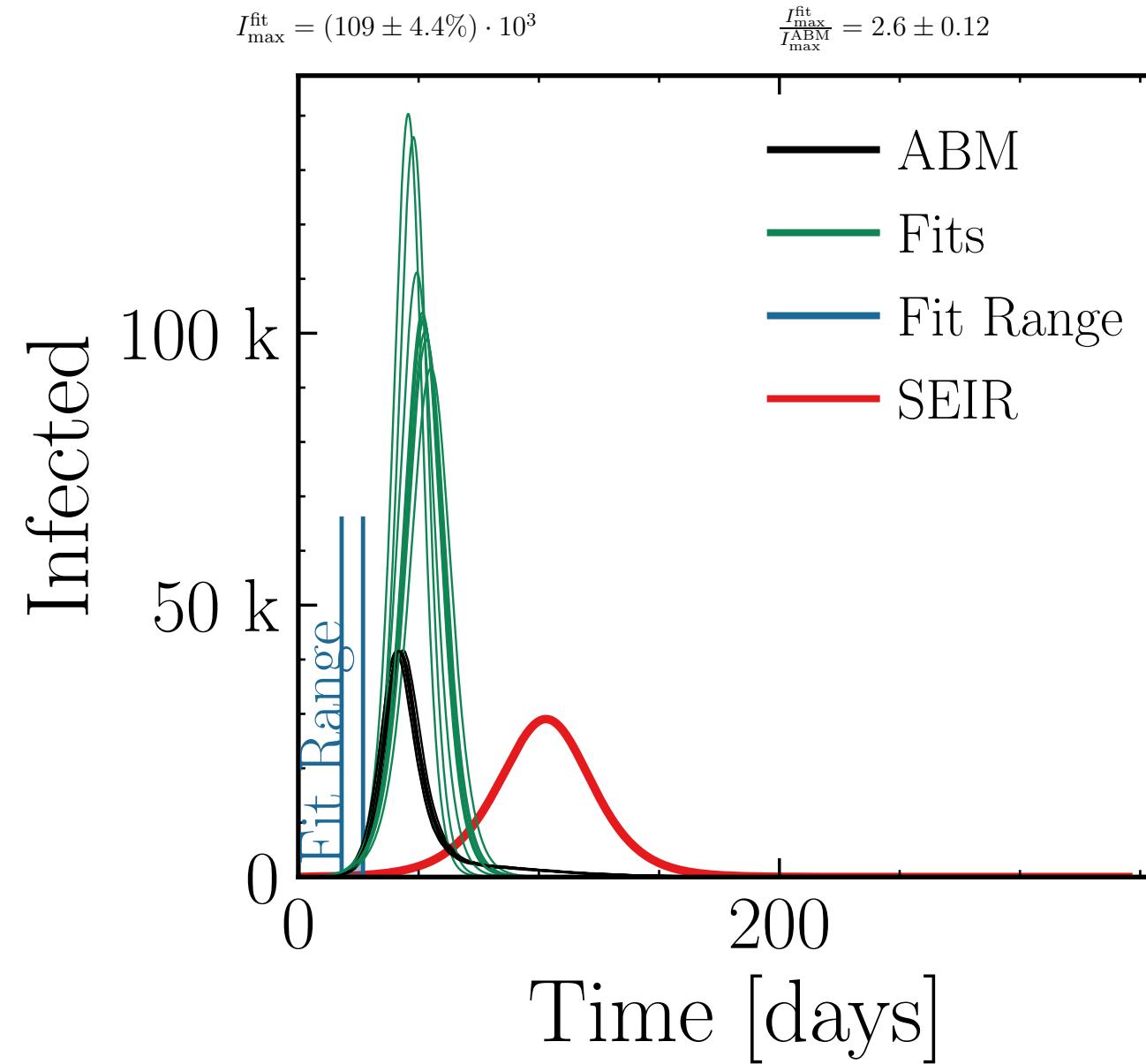
$N_{\text{tot}} = 580K$ ,  $\rho = 0.025$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 48aa9f4d74, #10



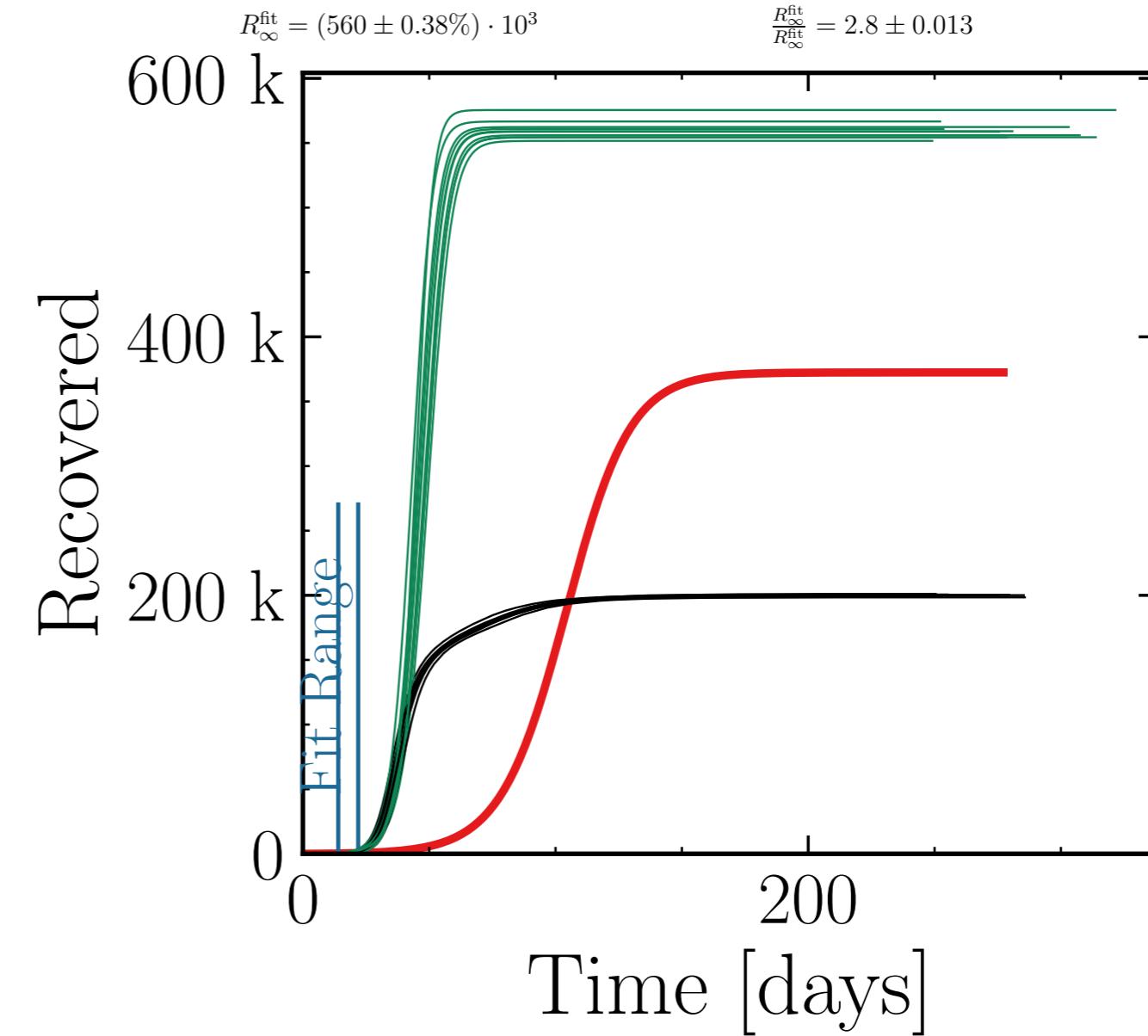
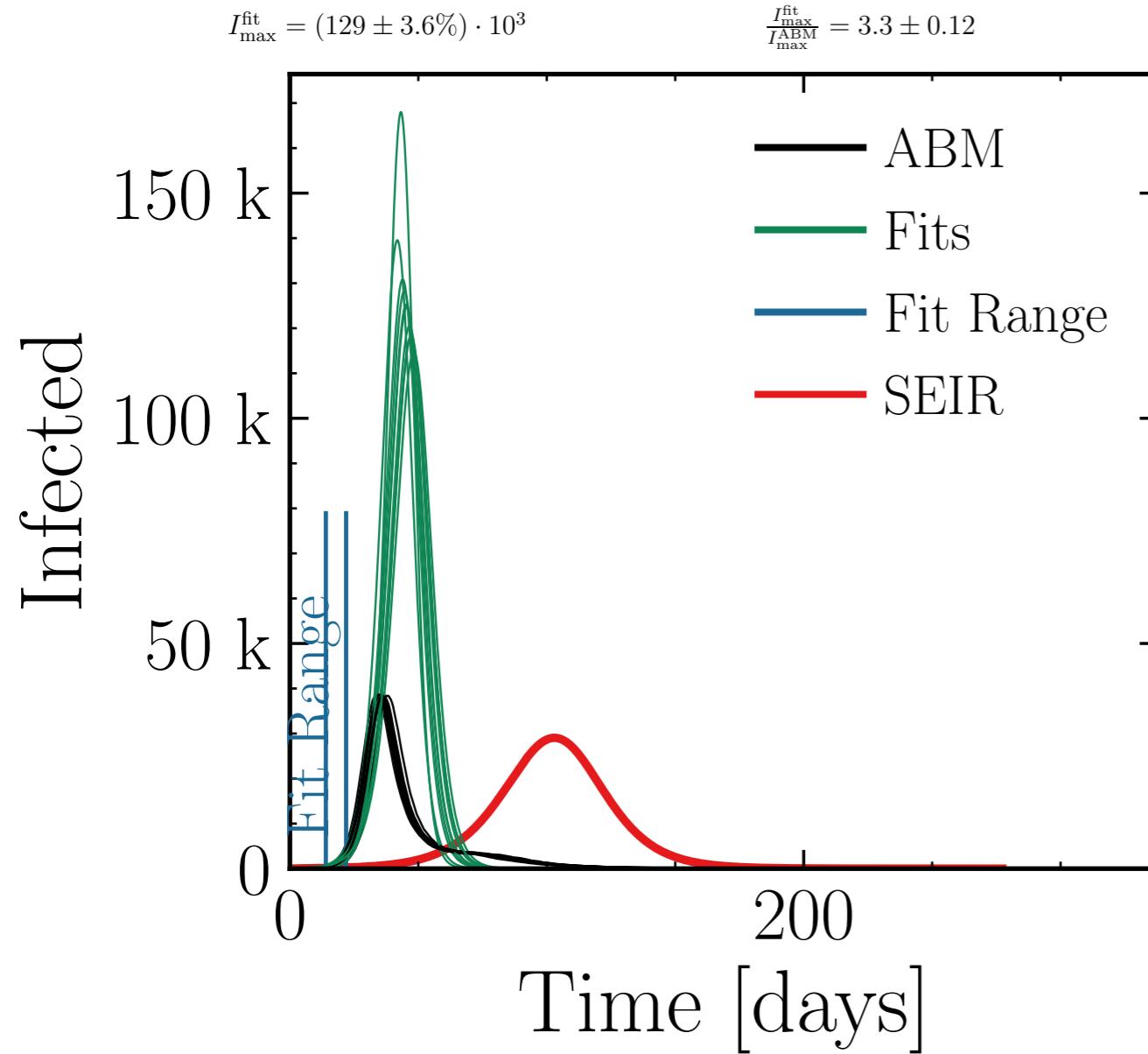
$N_{\text{tot}} = 580K$ ,  $\rho = 0.05$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0138755d25, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.075$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 689d294efe, #10

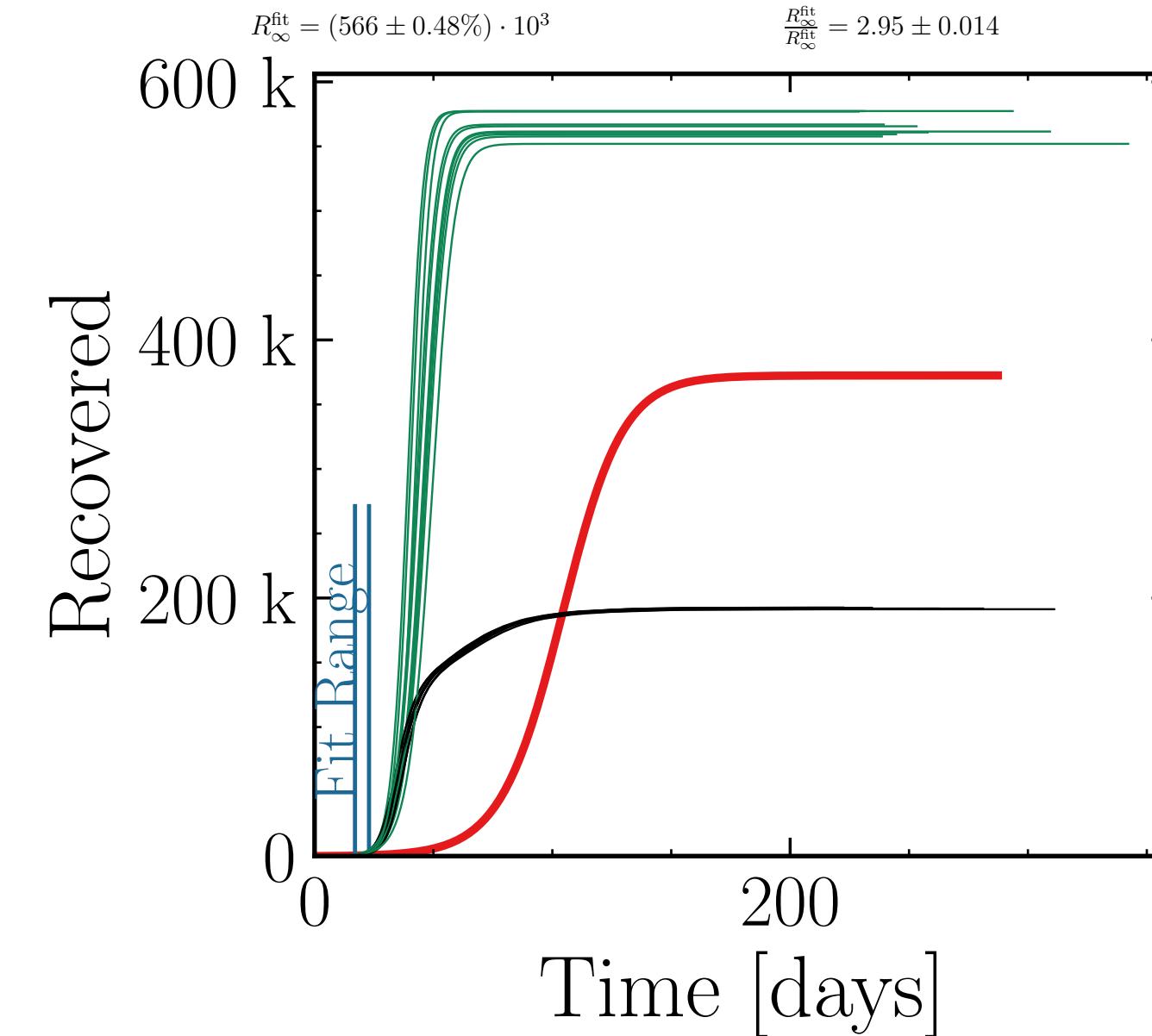
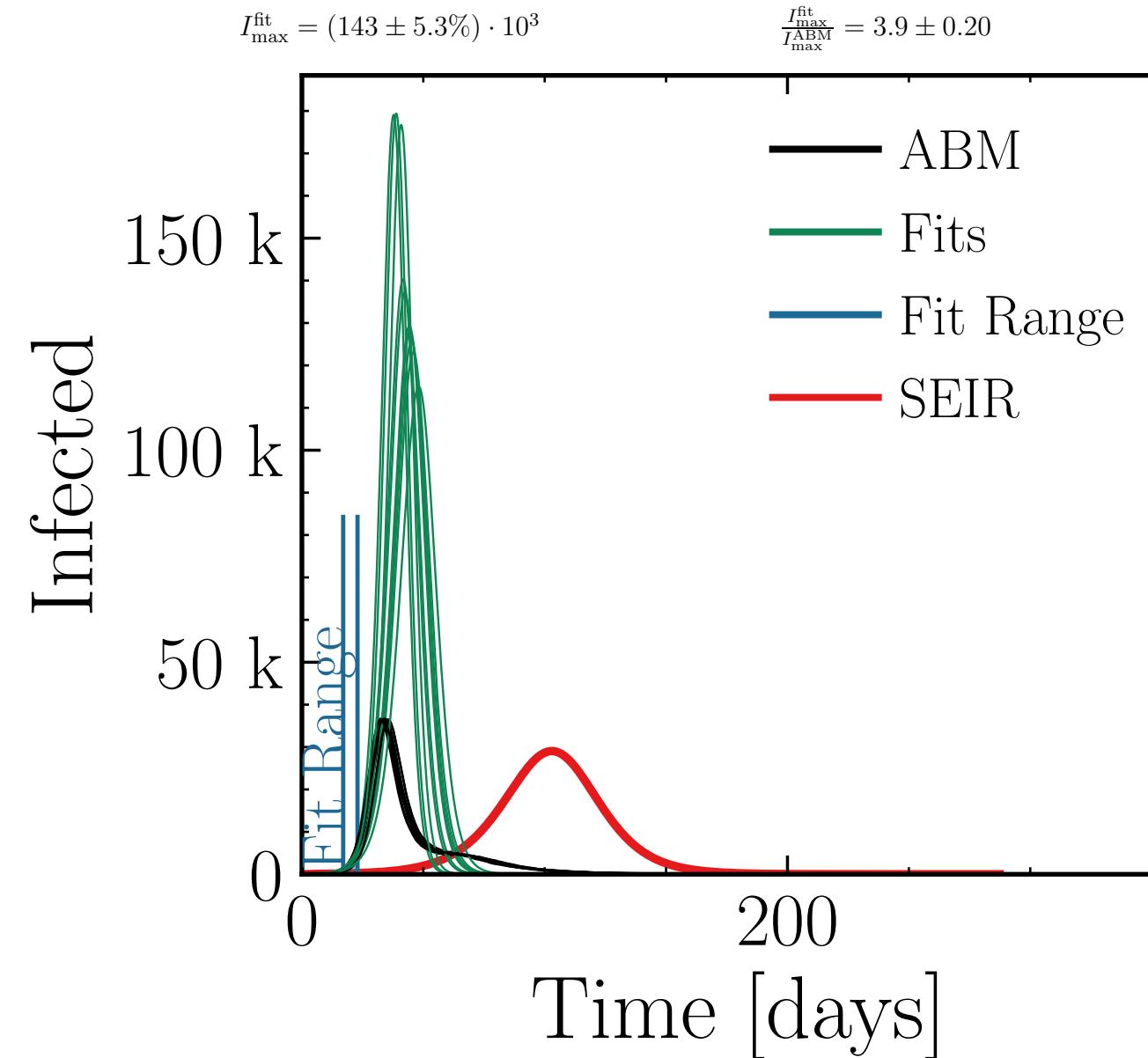


$N_{\text{tot}} = 580K$ ,  $\rho = 0.15$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5c51233c74, #10

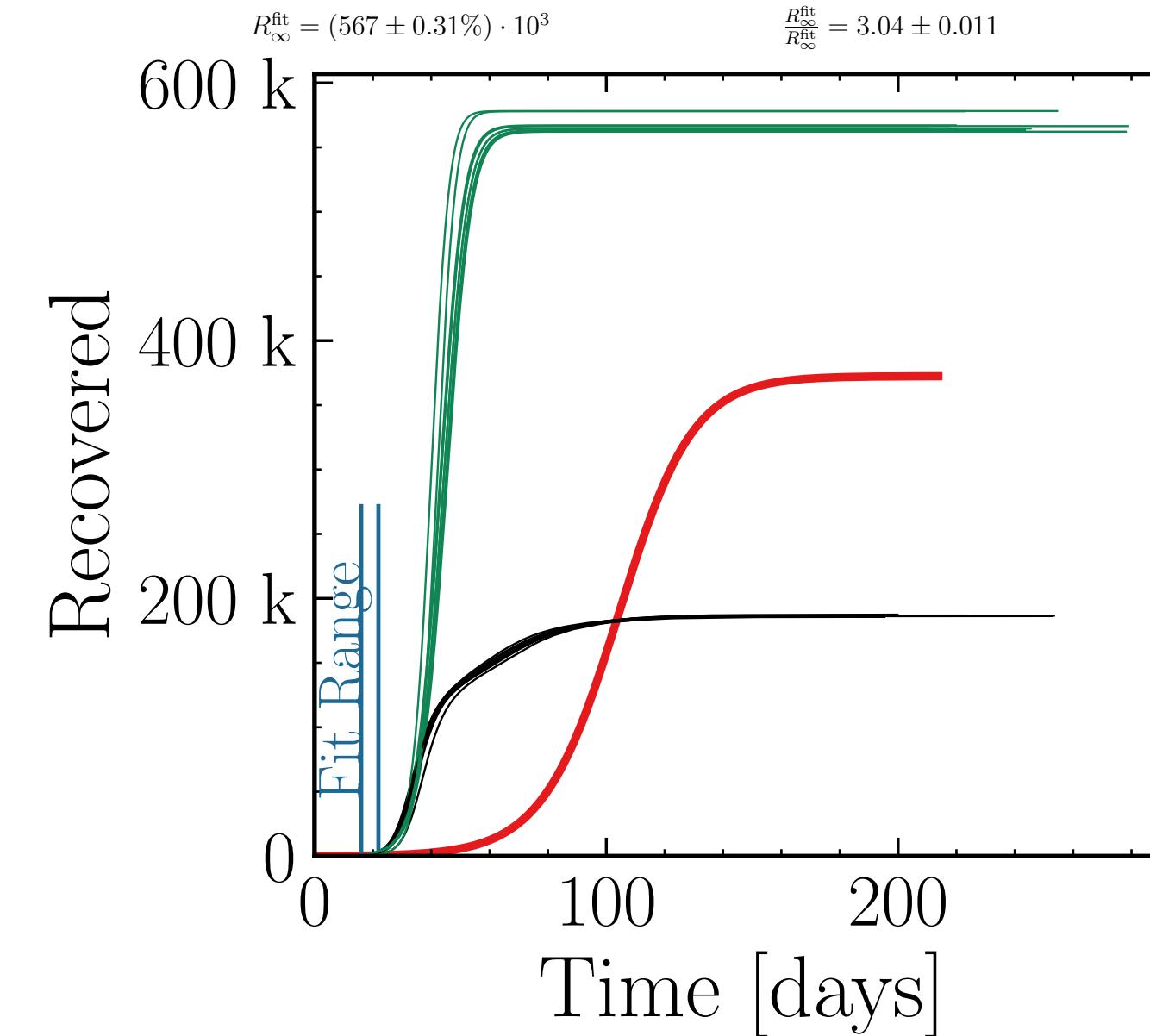
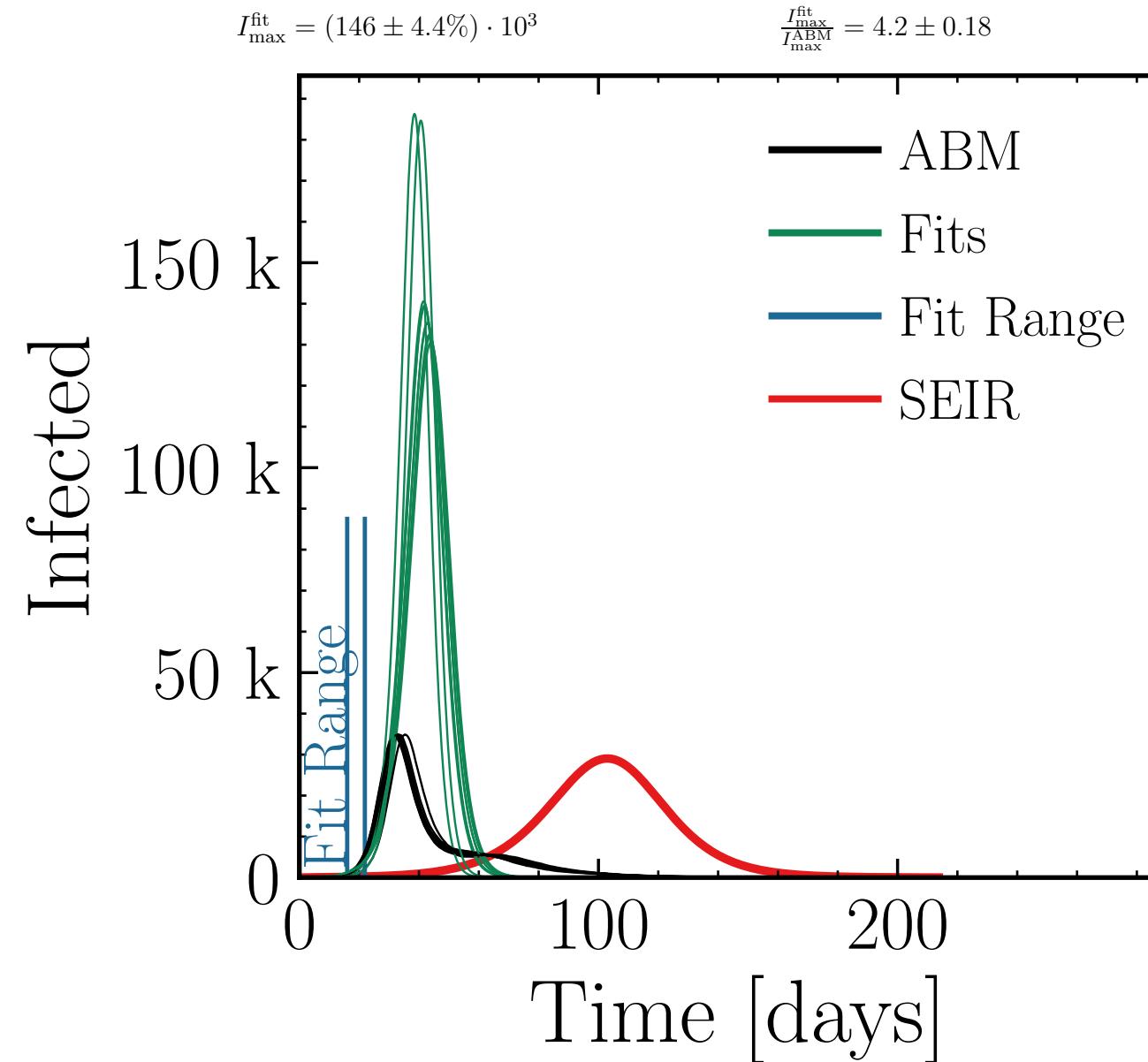


$N_{\text{tot}} = 580K$ ,  $\rho = 0.2$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

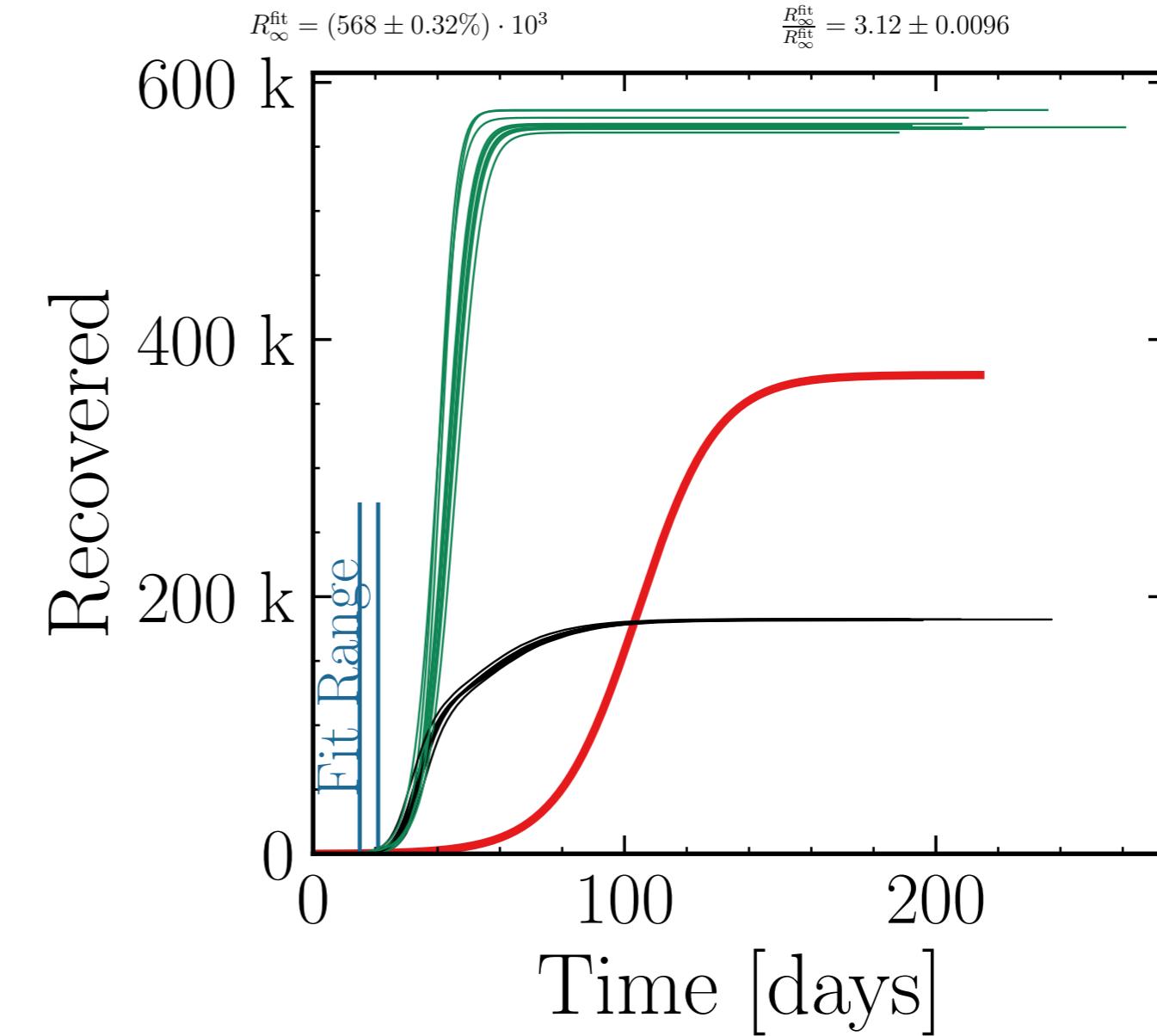
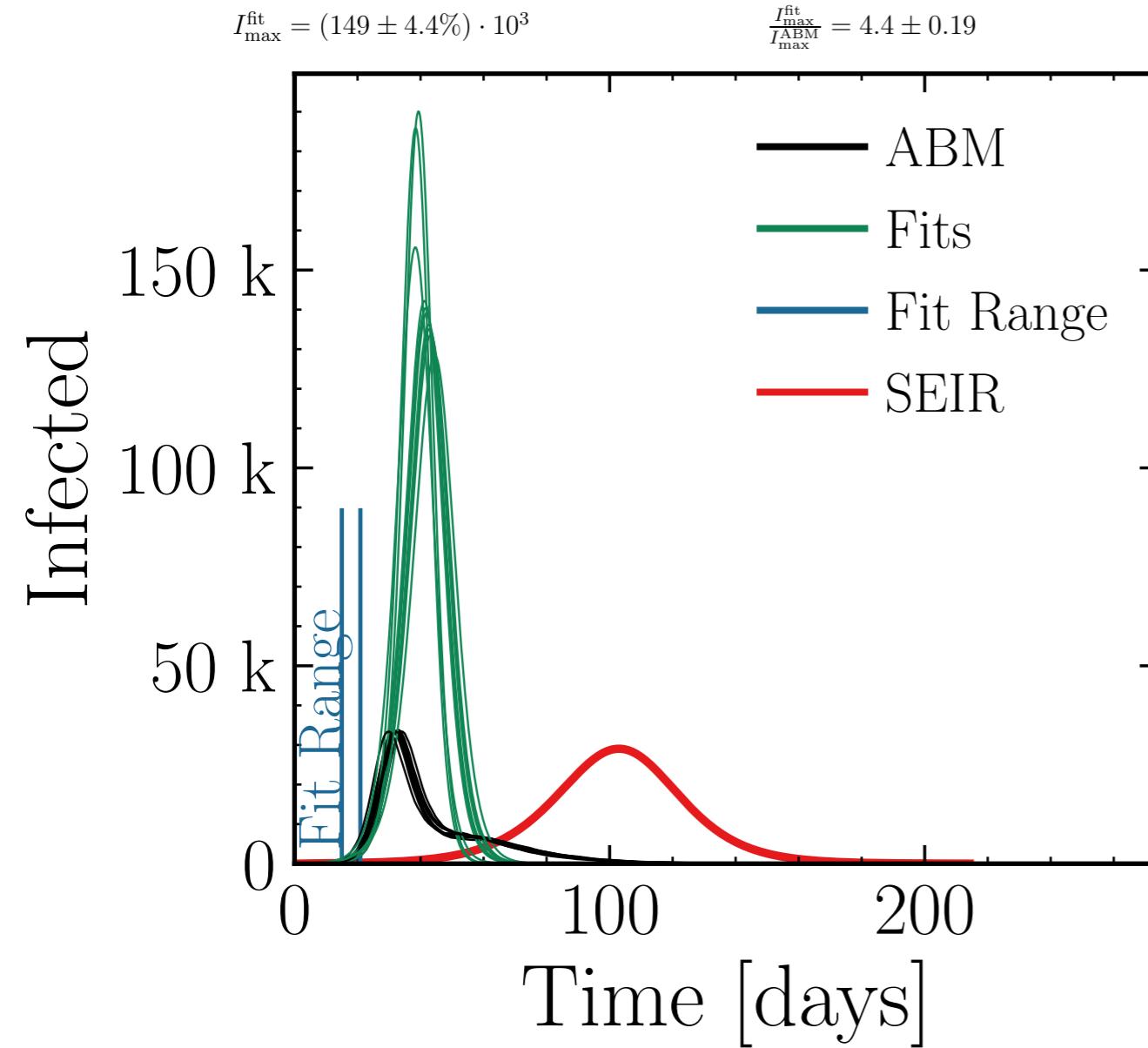
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a68b4bde28, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.25$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 42b6a4d8f8, #10

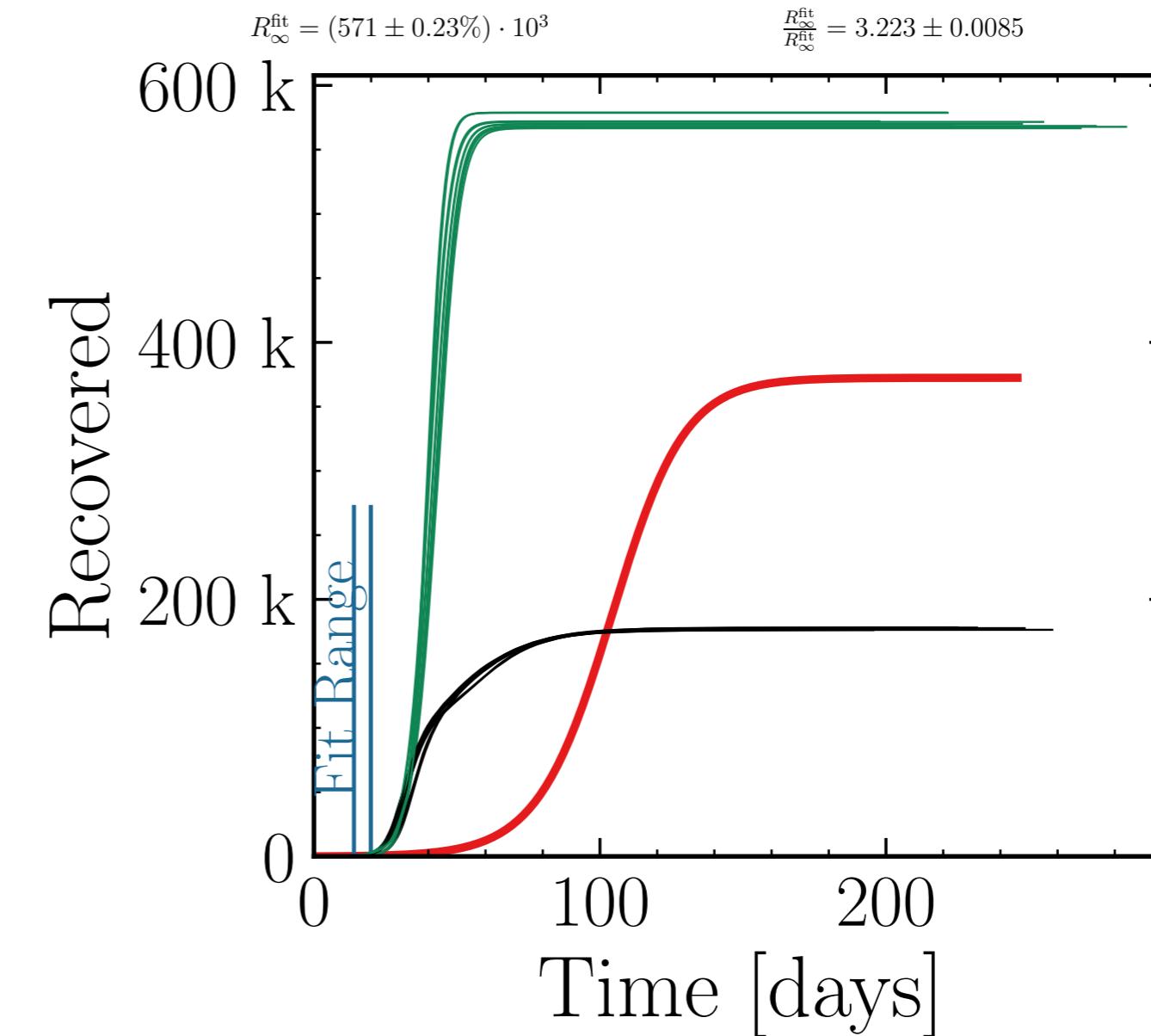
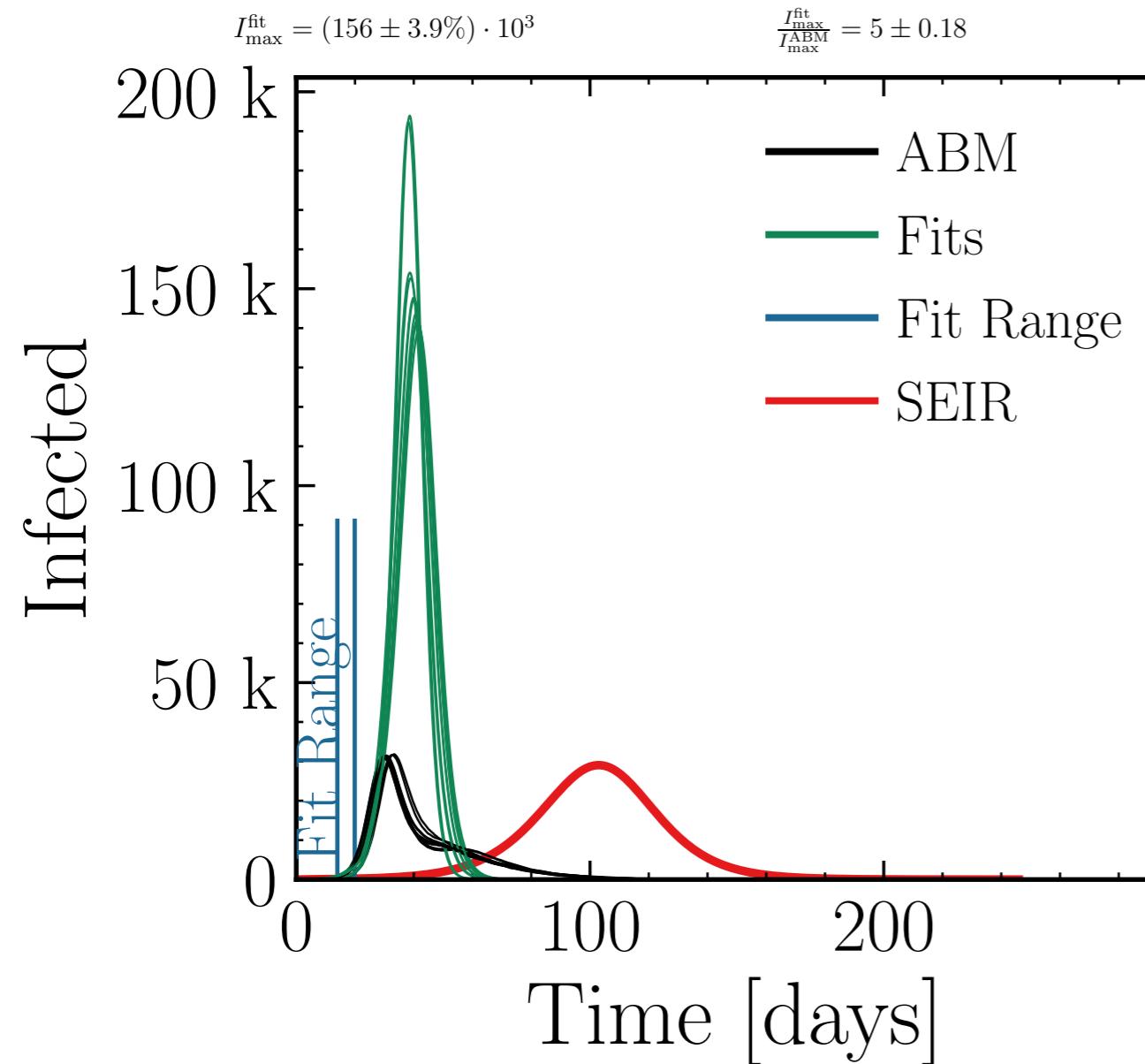


$N_{\text{tot}} = 580K$ ,  $\rho = 0.3$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 14b4beb444, #10

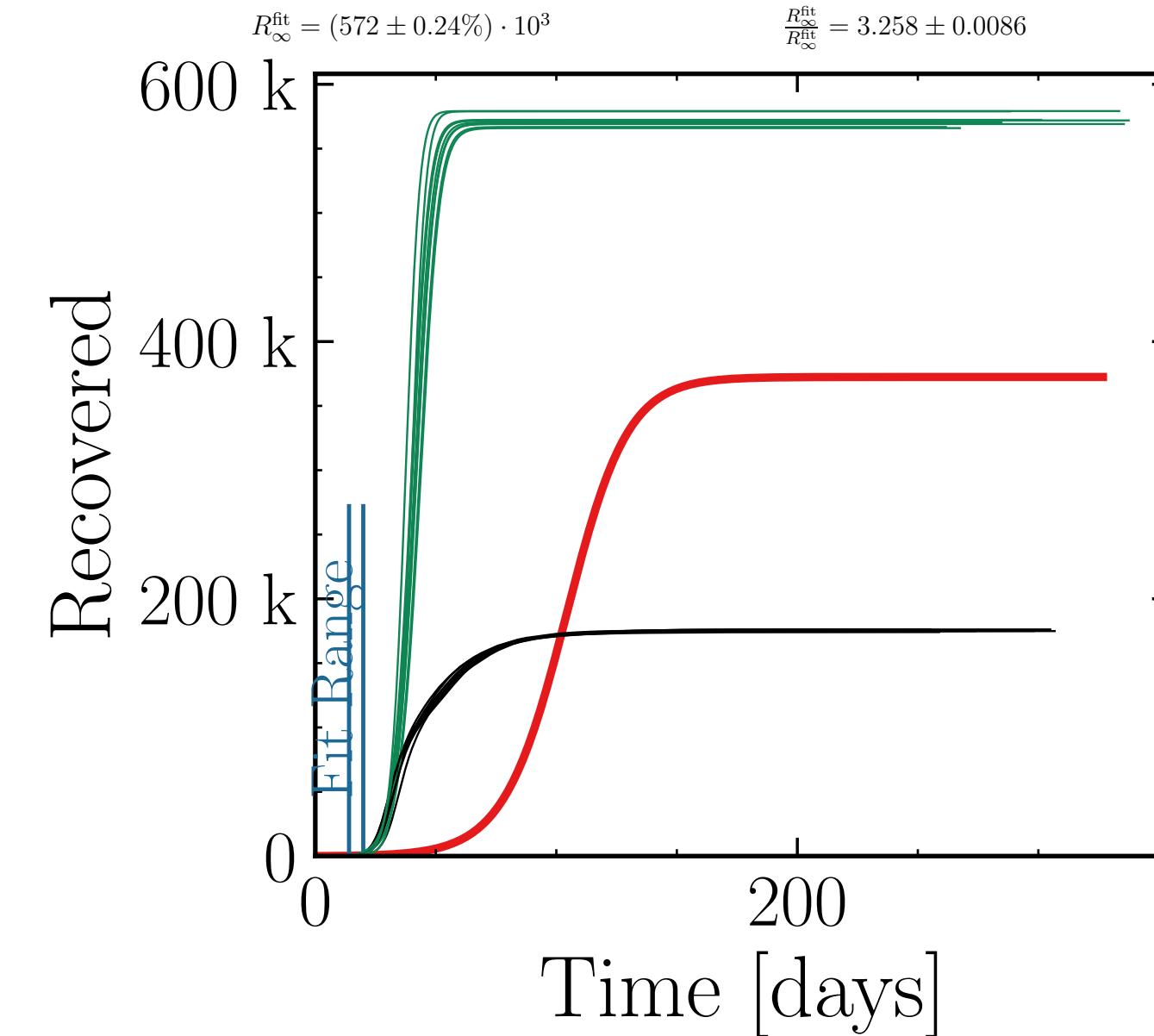
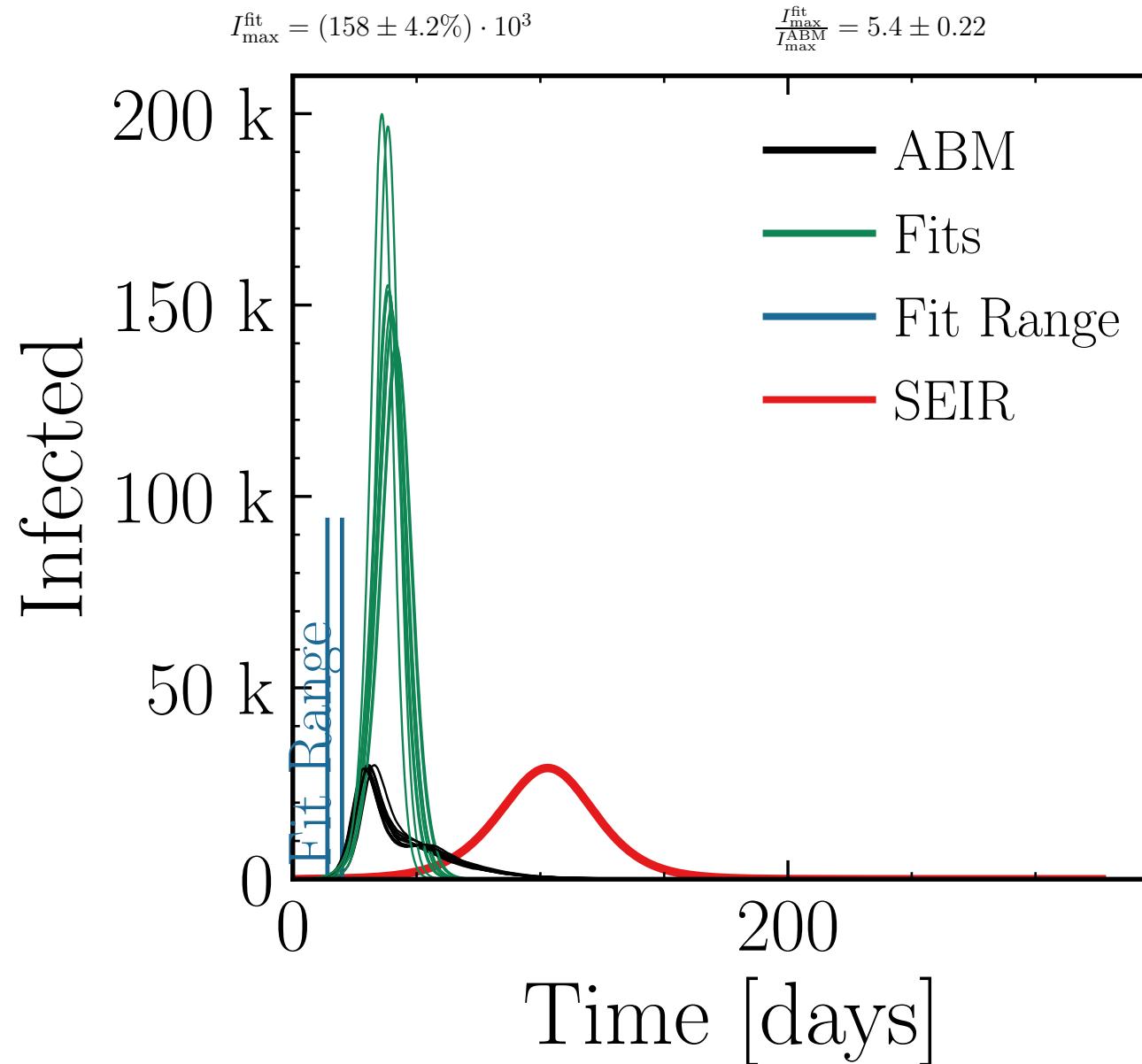


$N_{\text{tot}} = 580K$ ,  $\rho = 0.4$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 7577d7c9ef, #10

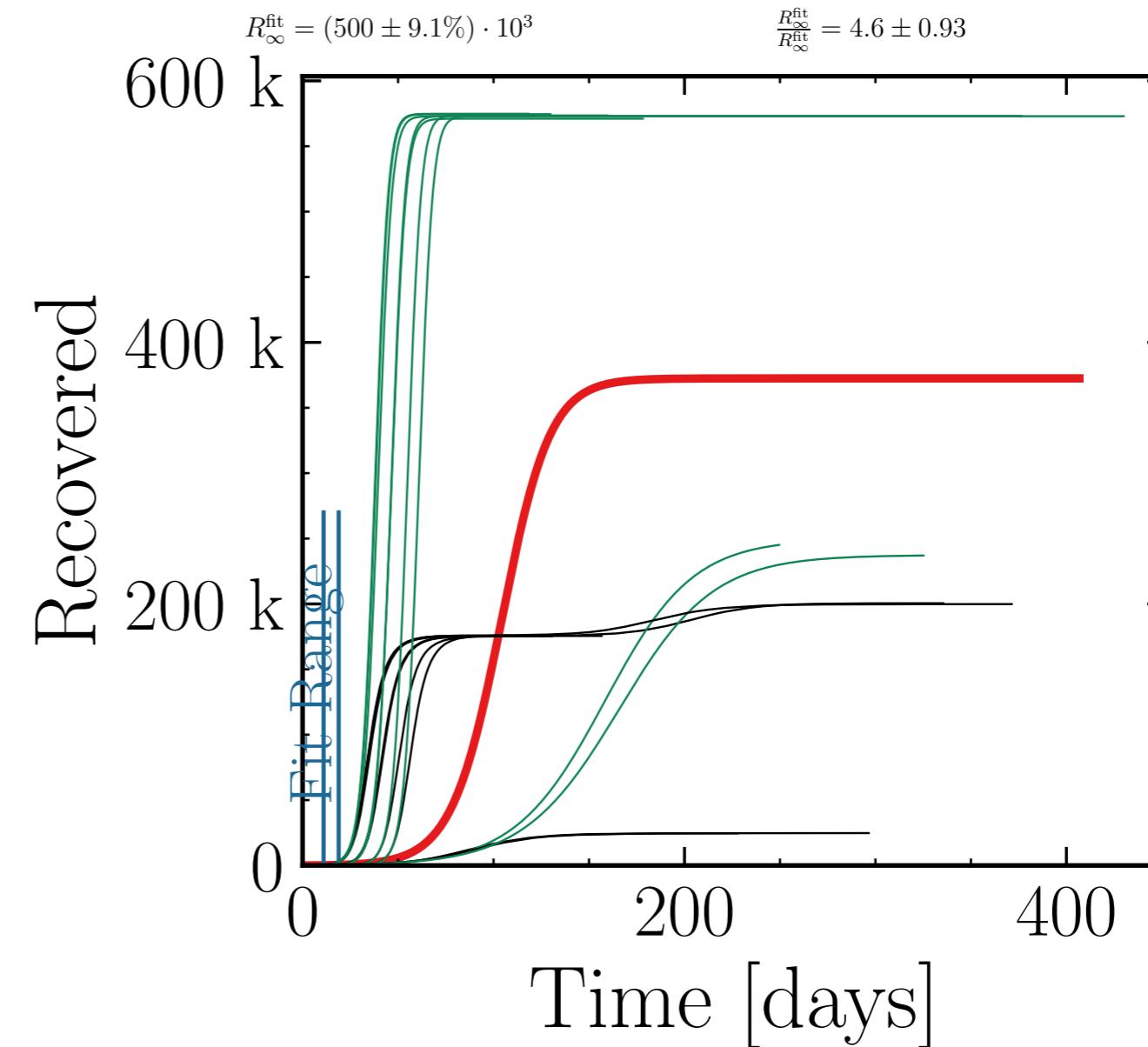
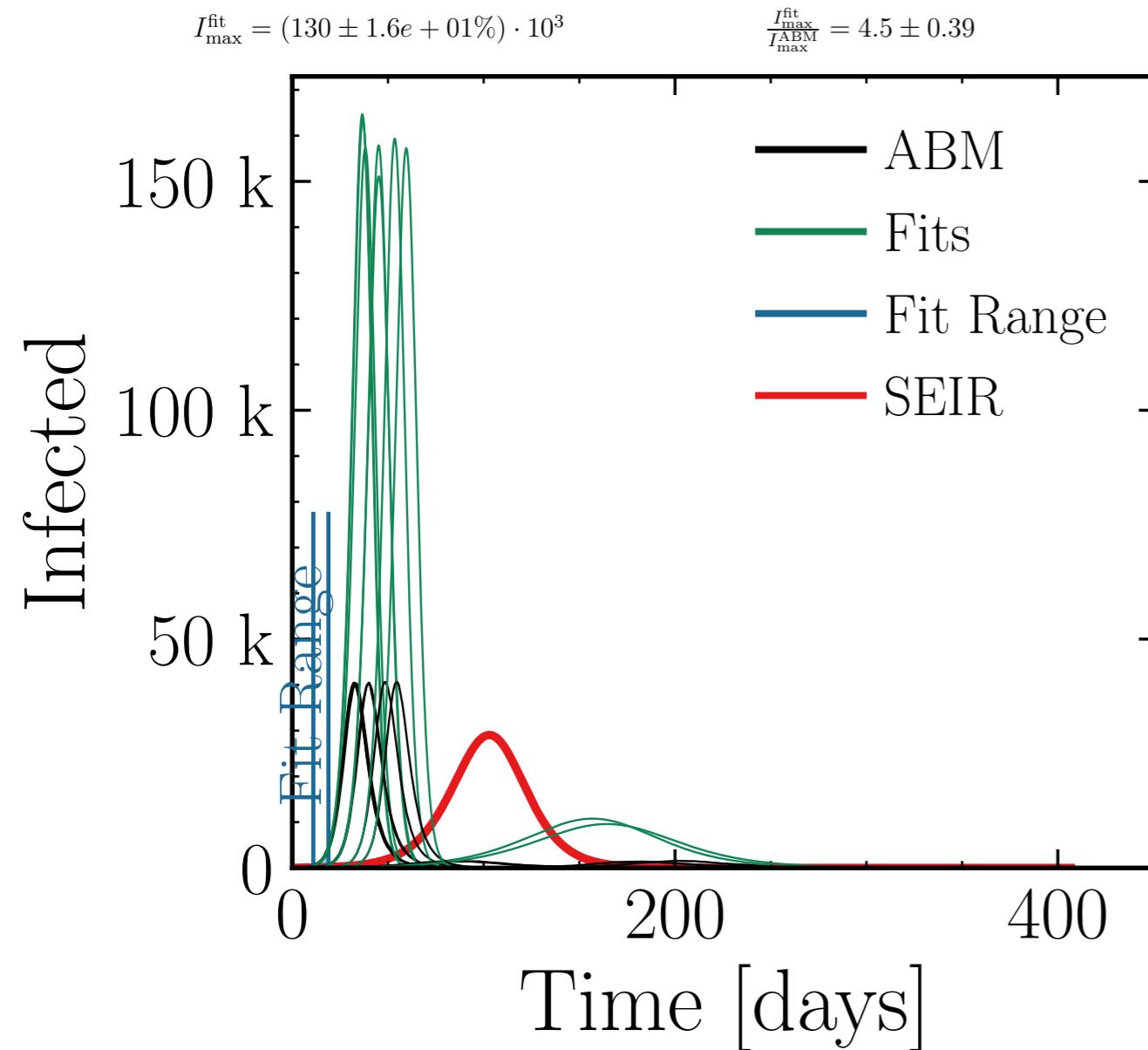


$N_{\text{tot}} = 580K$ ,  $\rho = 0.5$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f6fe3d3ed3, #10



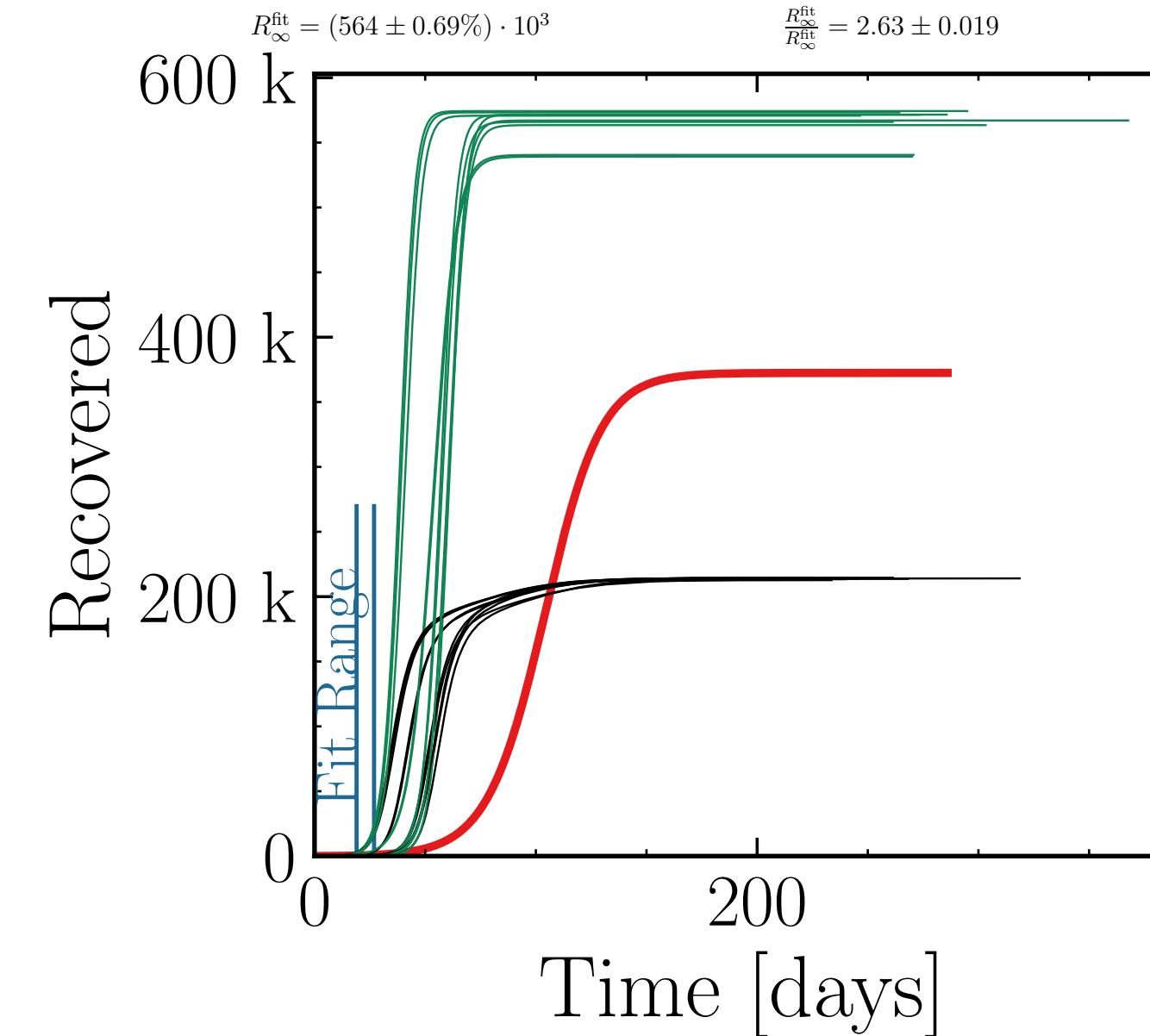
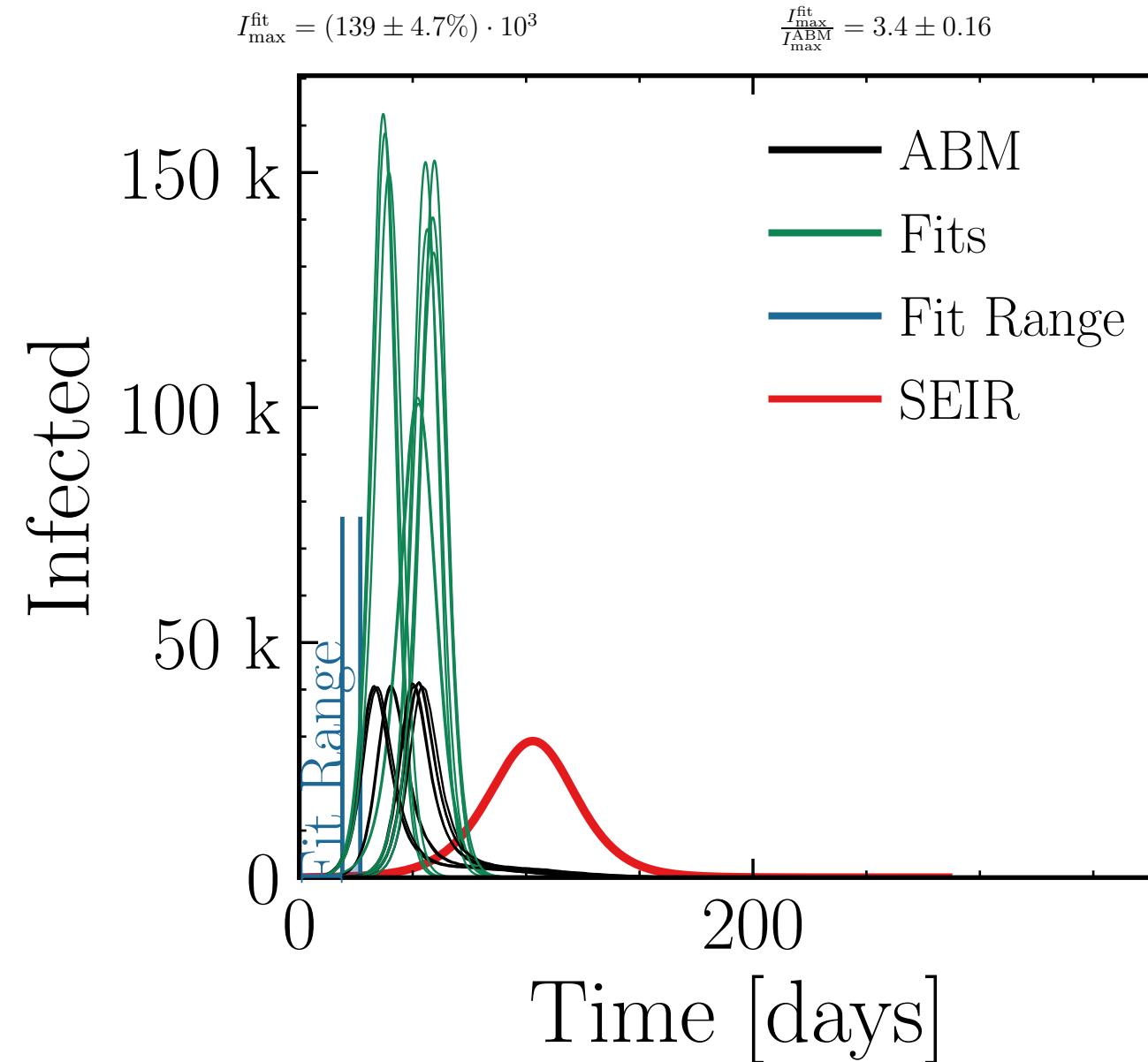
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = False,  $N_{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 971b42a0be, #9



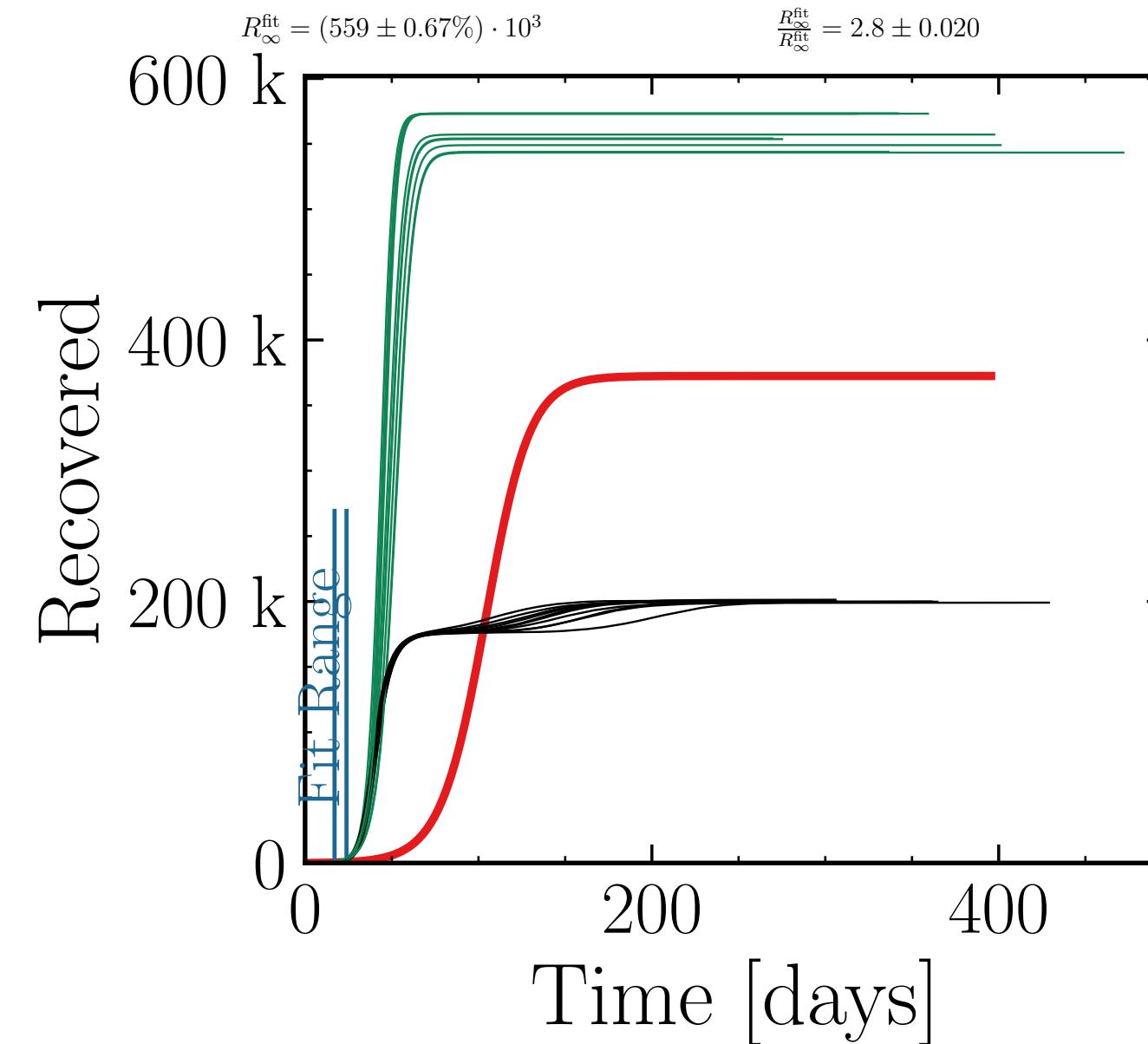
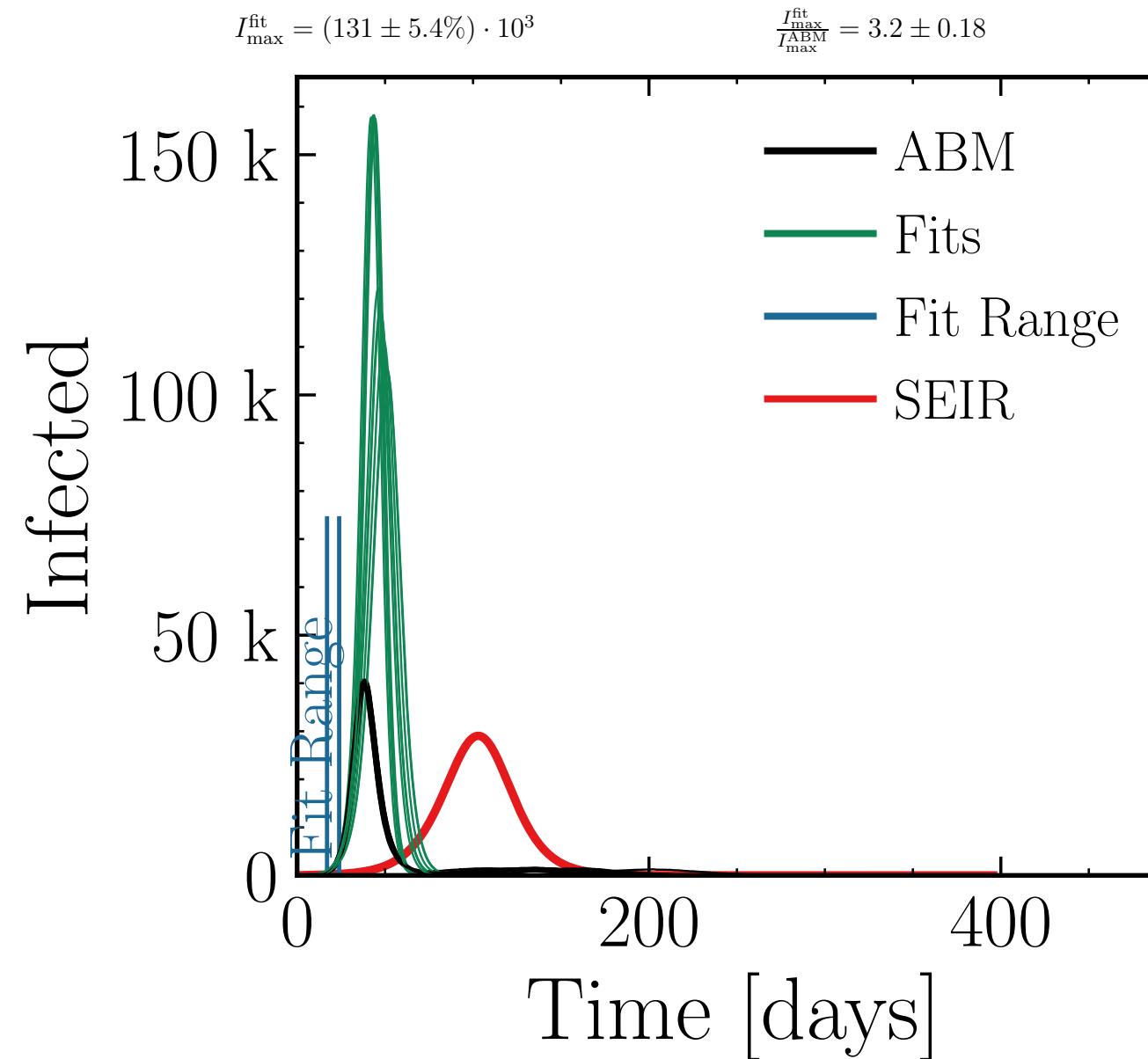
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = False,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a835edb46e, #10

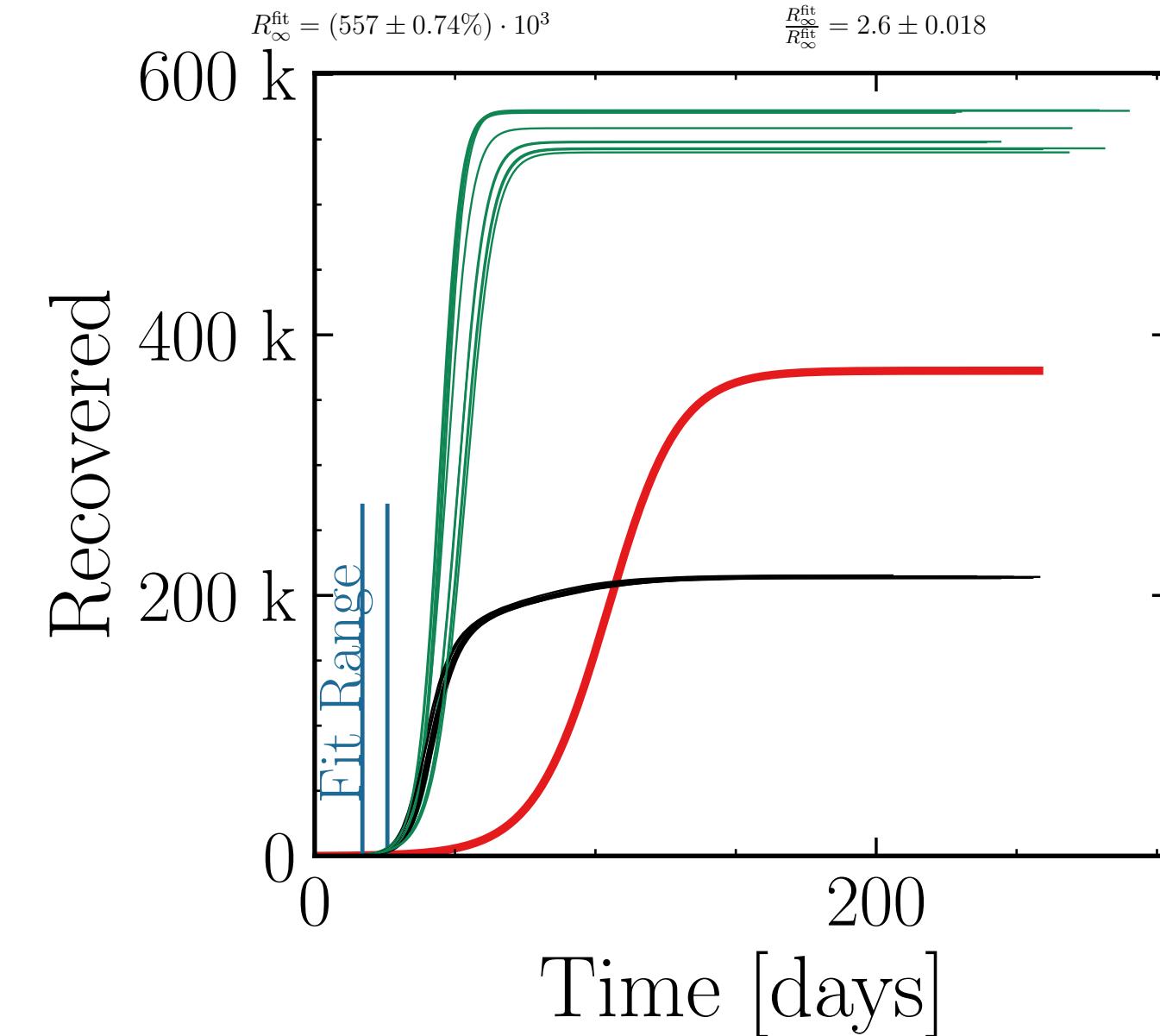
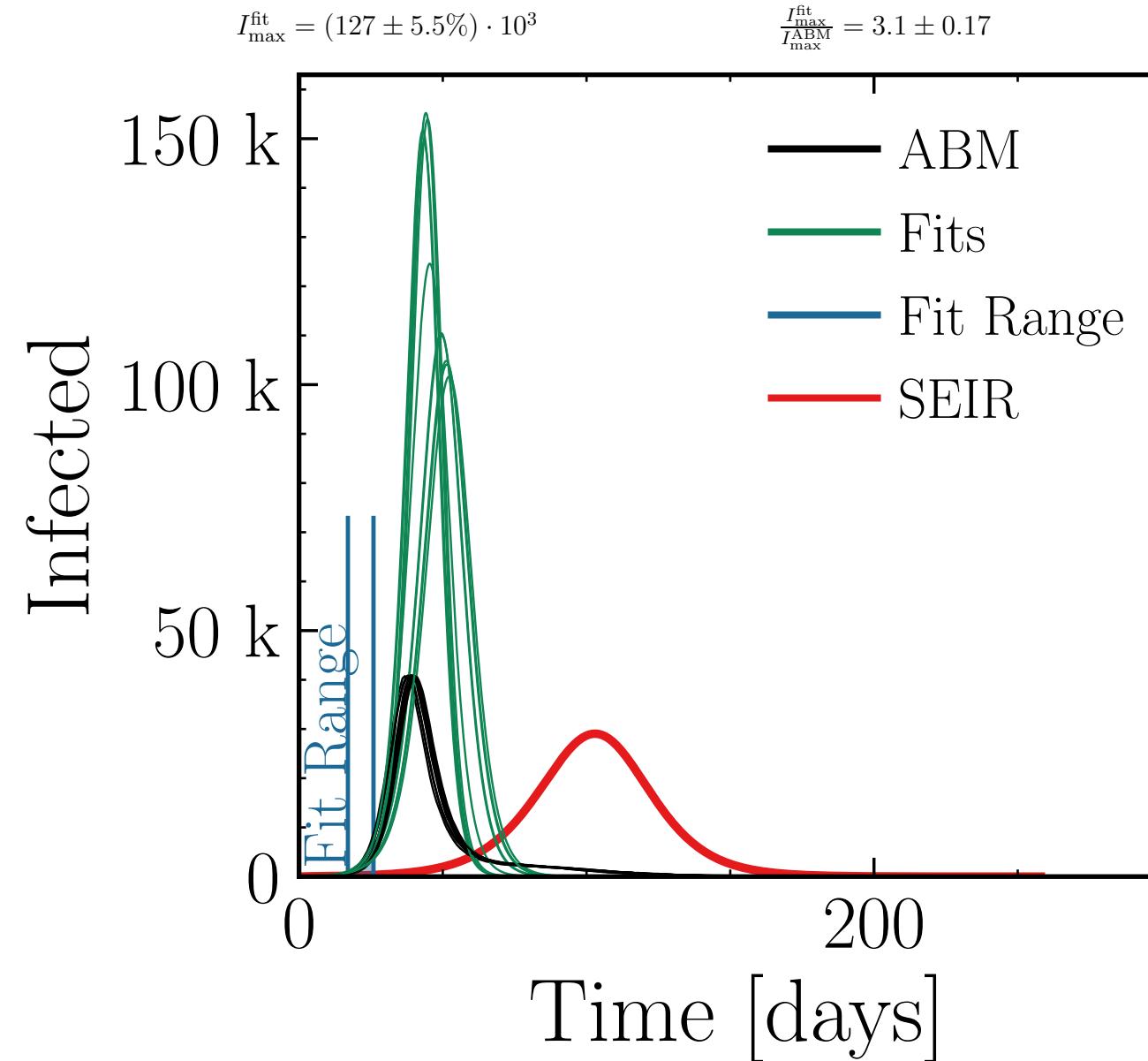


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

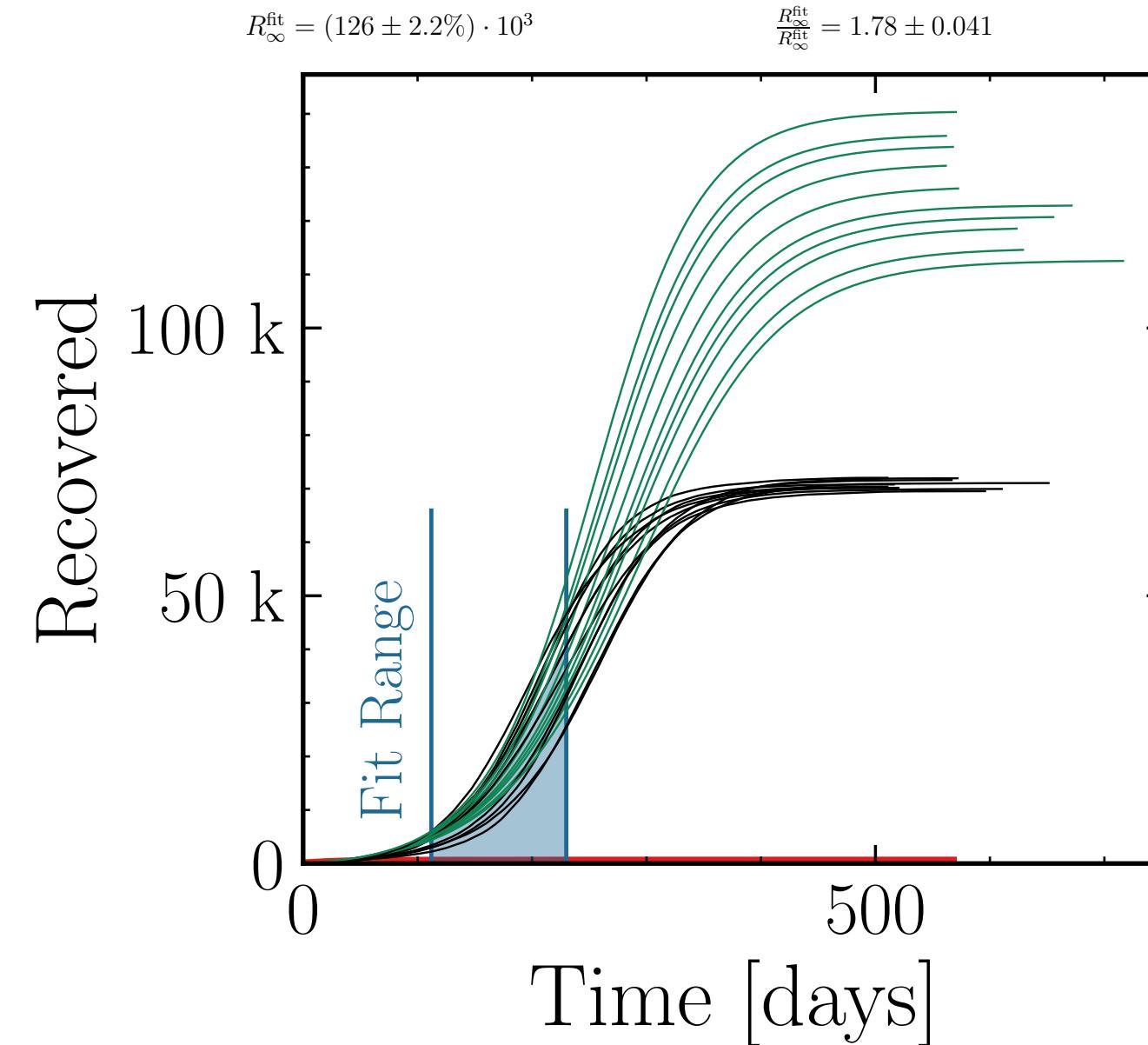
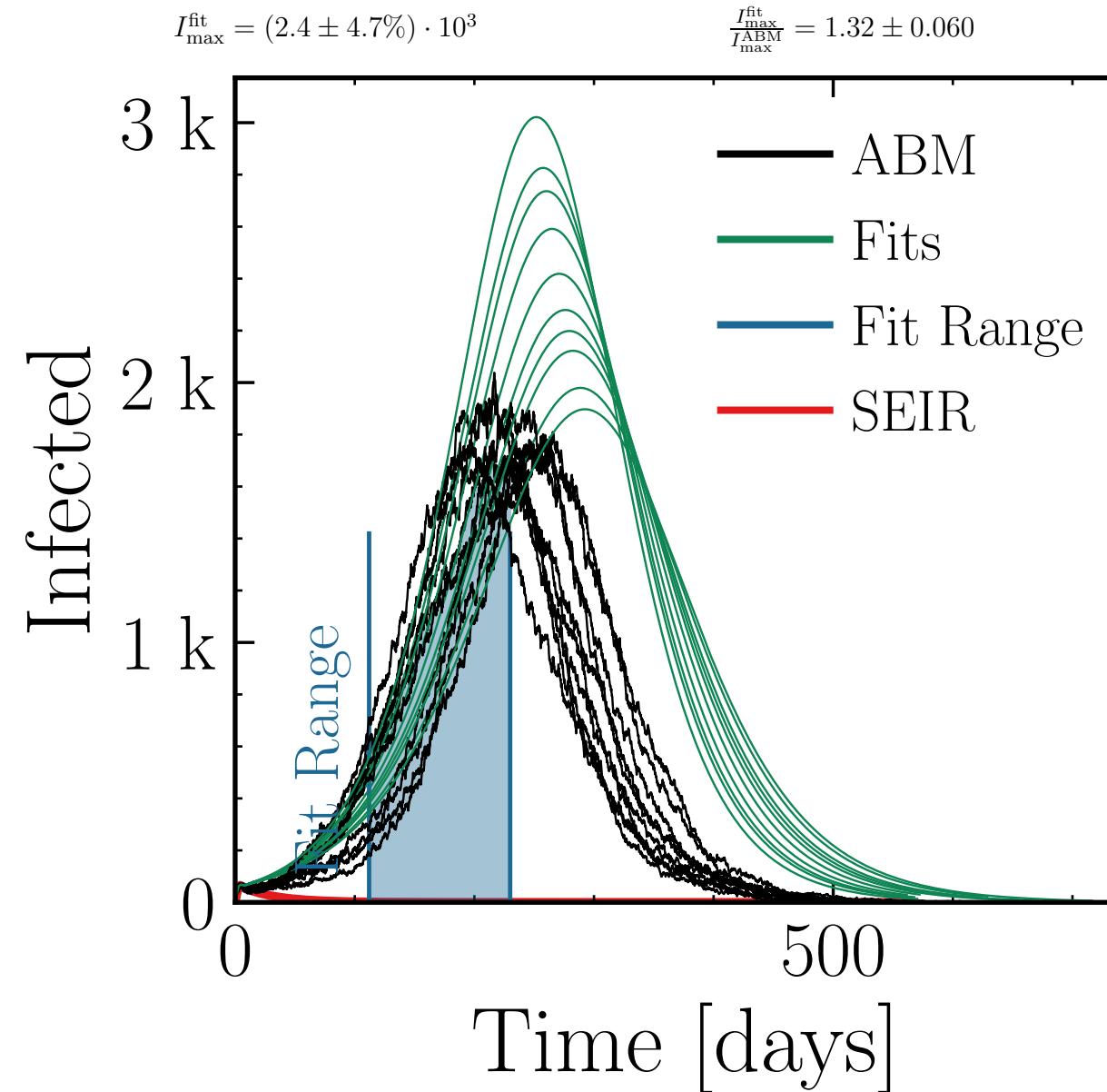
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c17971697f, #10



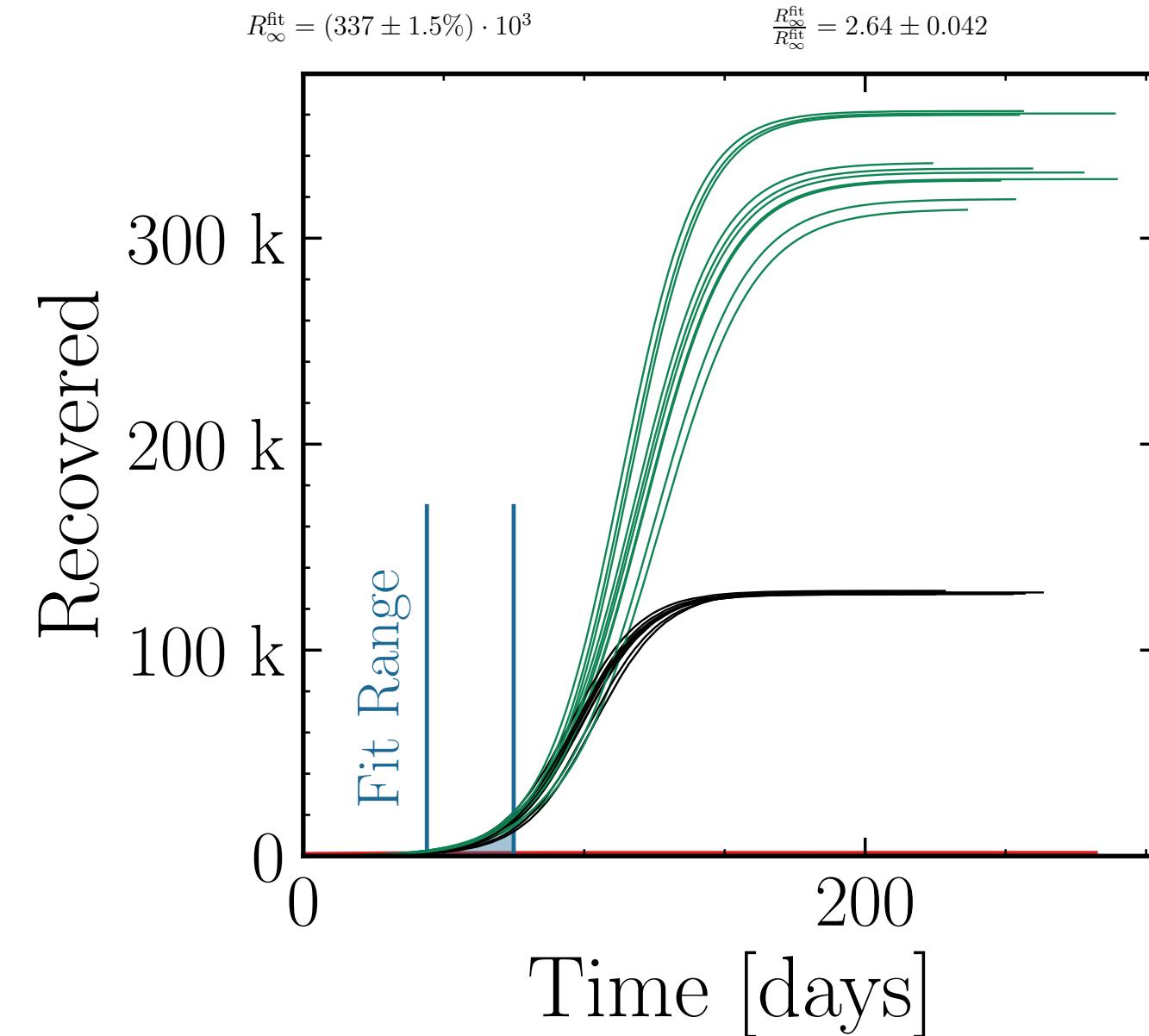
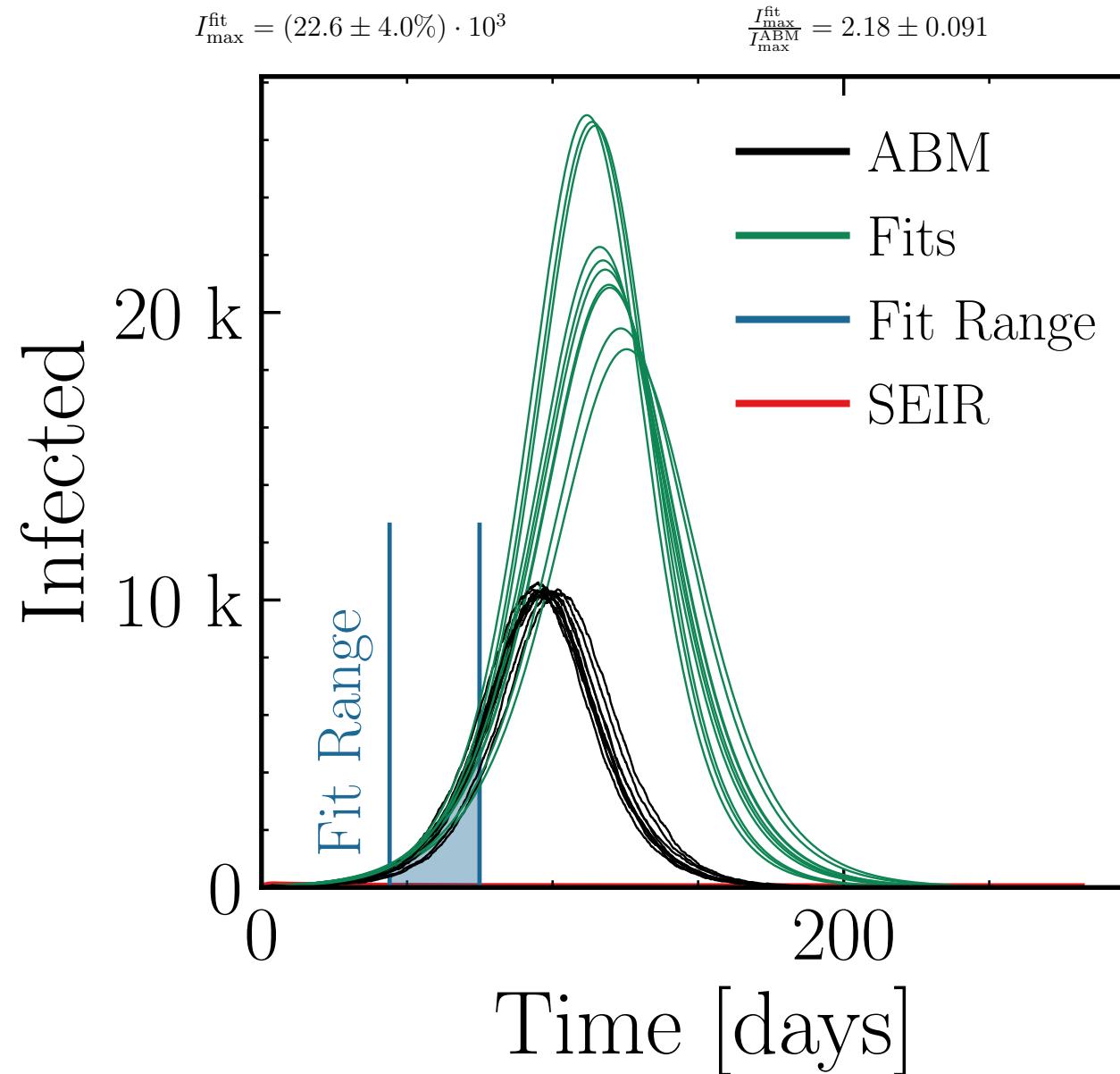
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = e19a479cce, #10



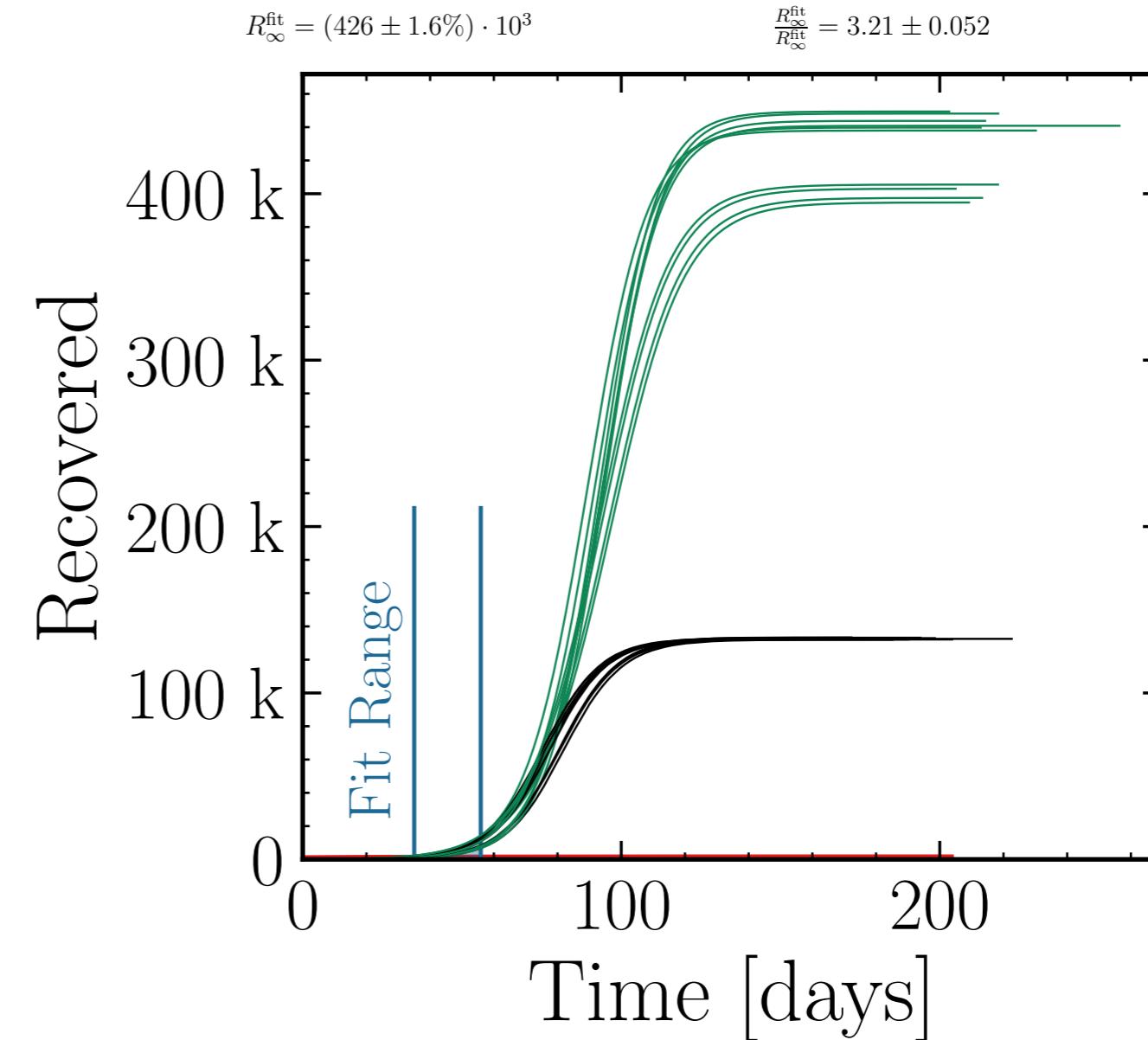
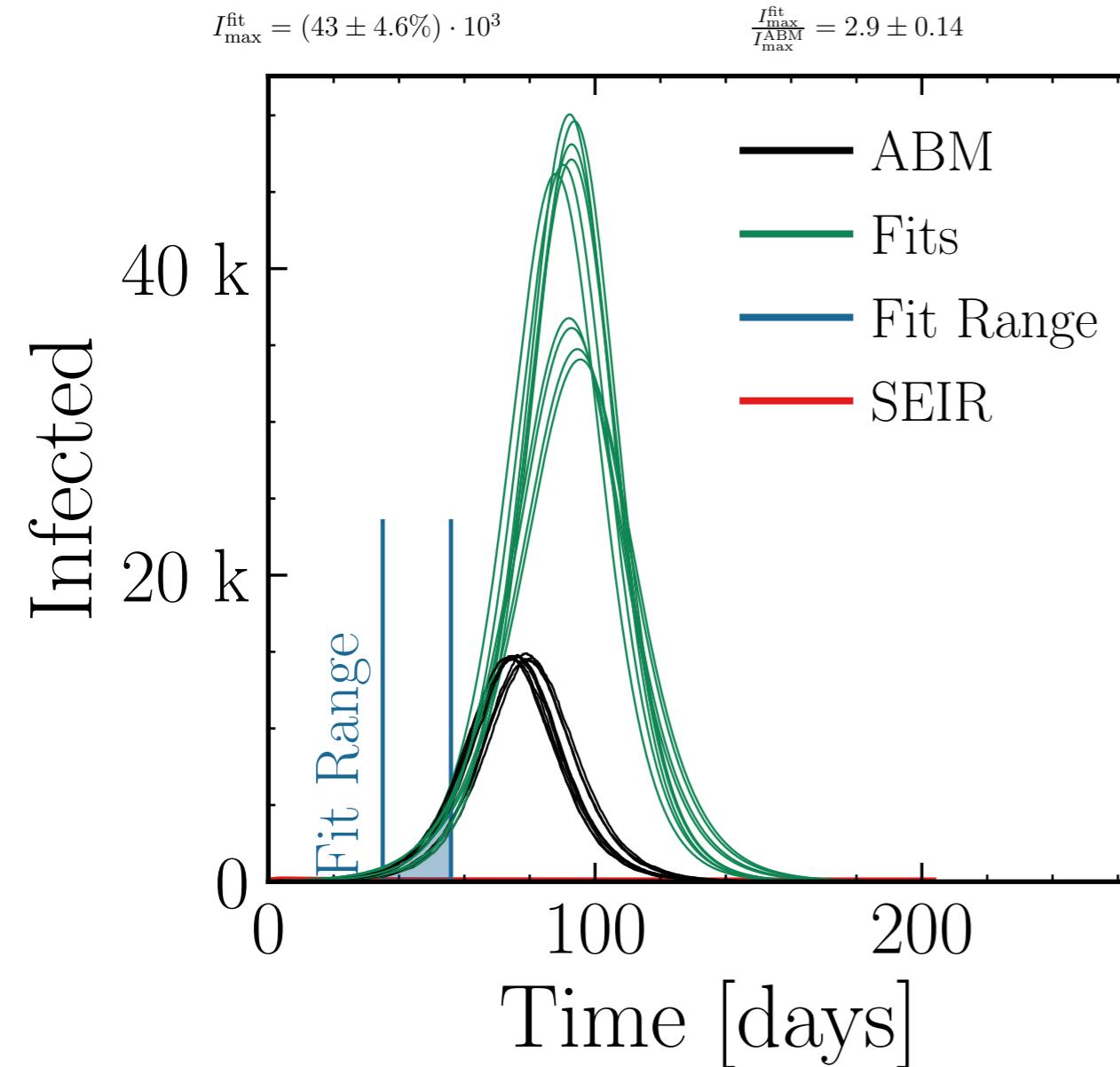
$N_{\text{tot}} = 580K$ ,  $\rho = 0.025$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 06108af9ca, #10



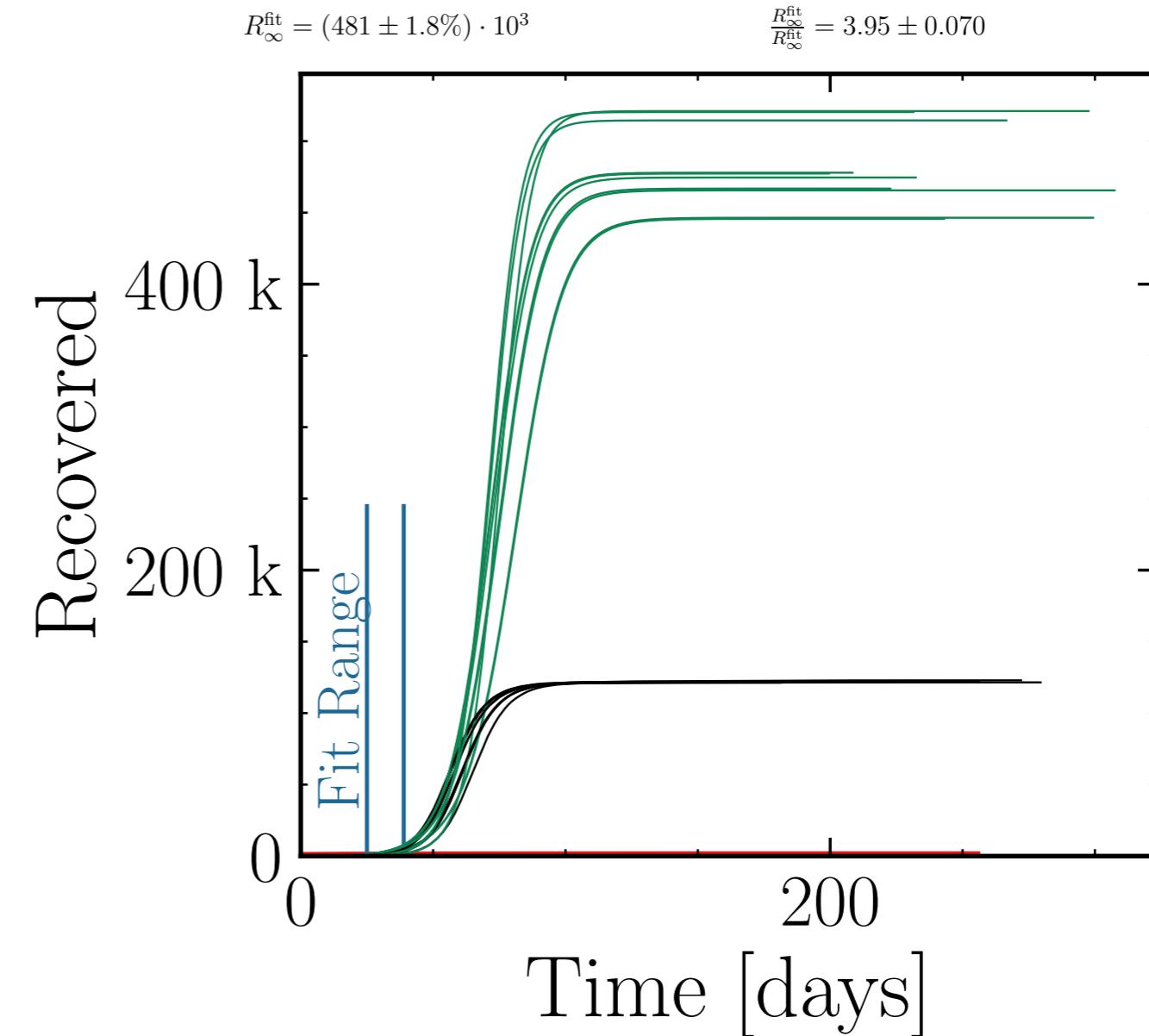
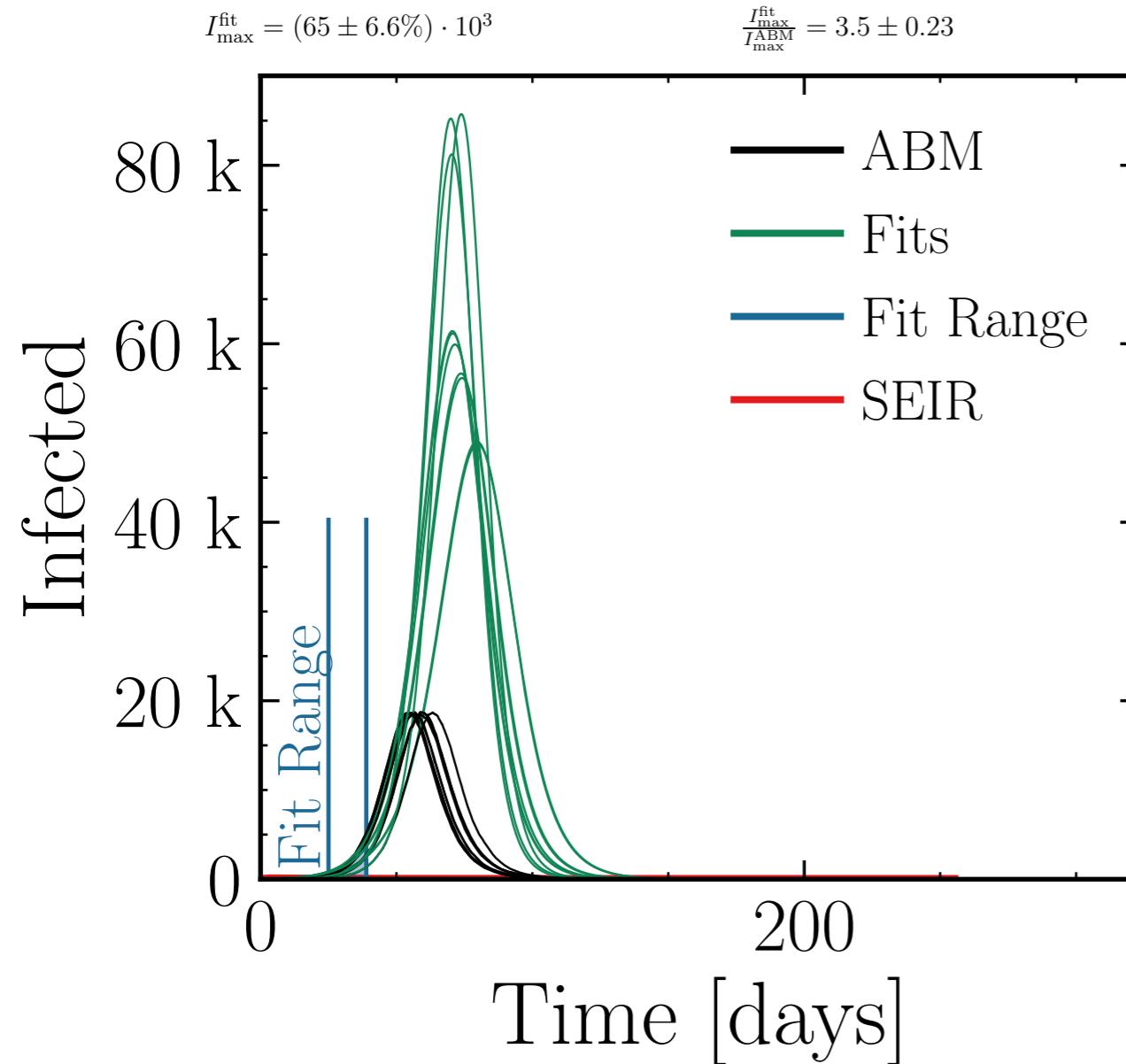
$N_{\text{tot}} = 580K$ ,  $\rho = 0.05$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0184bb3465, #10



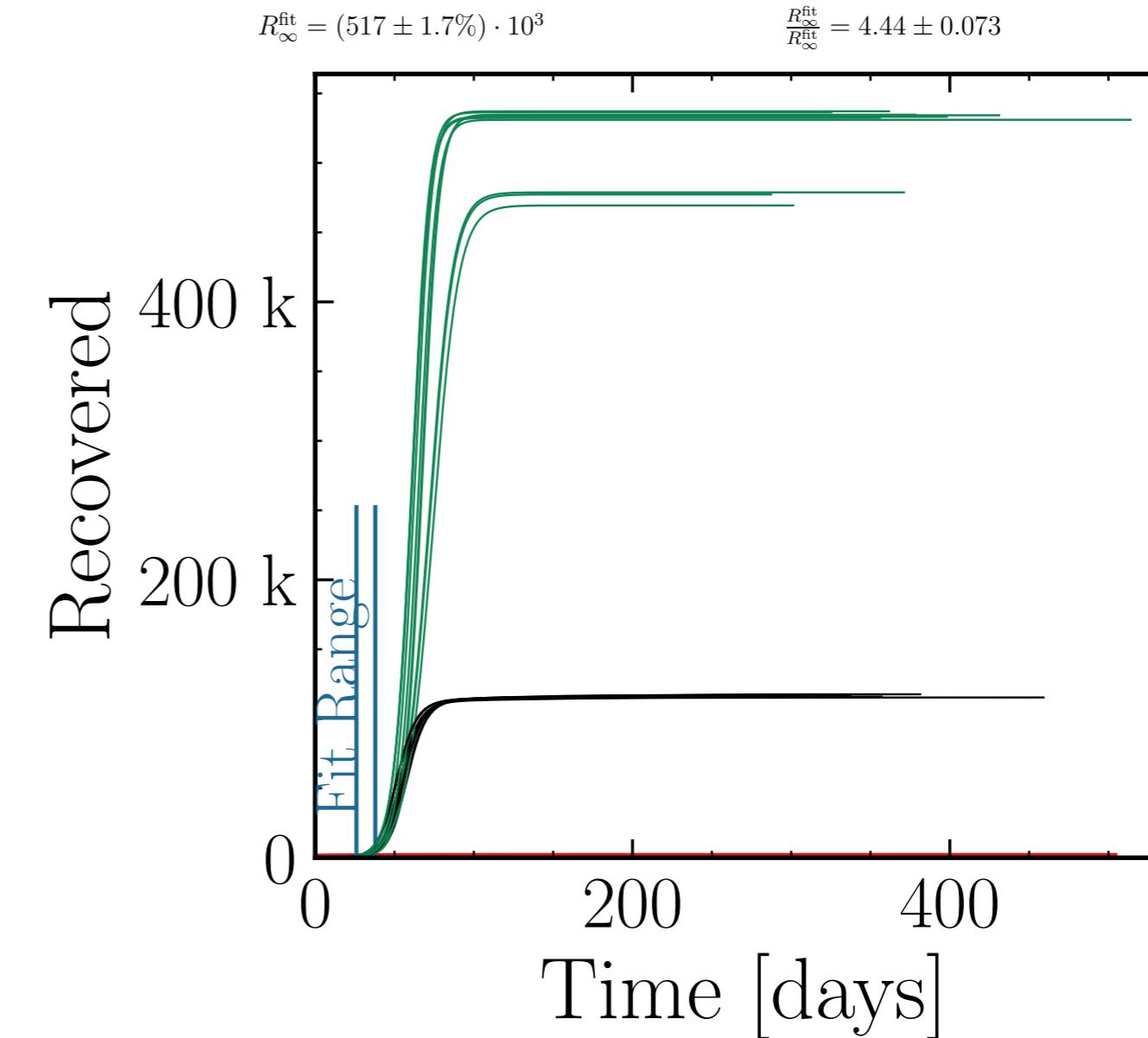
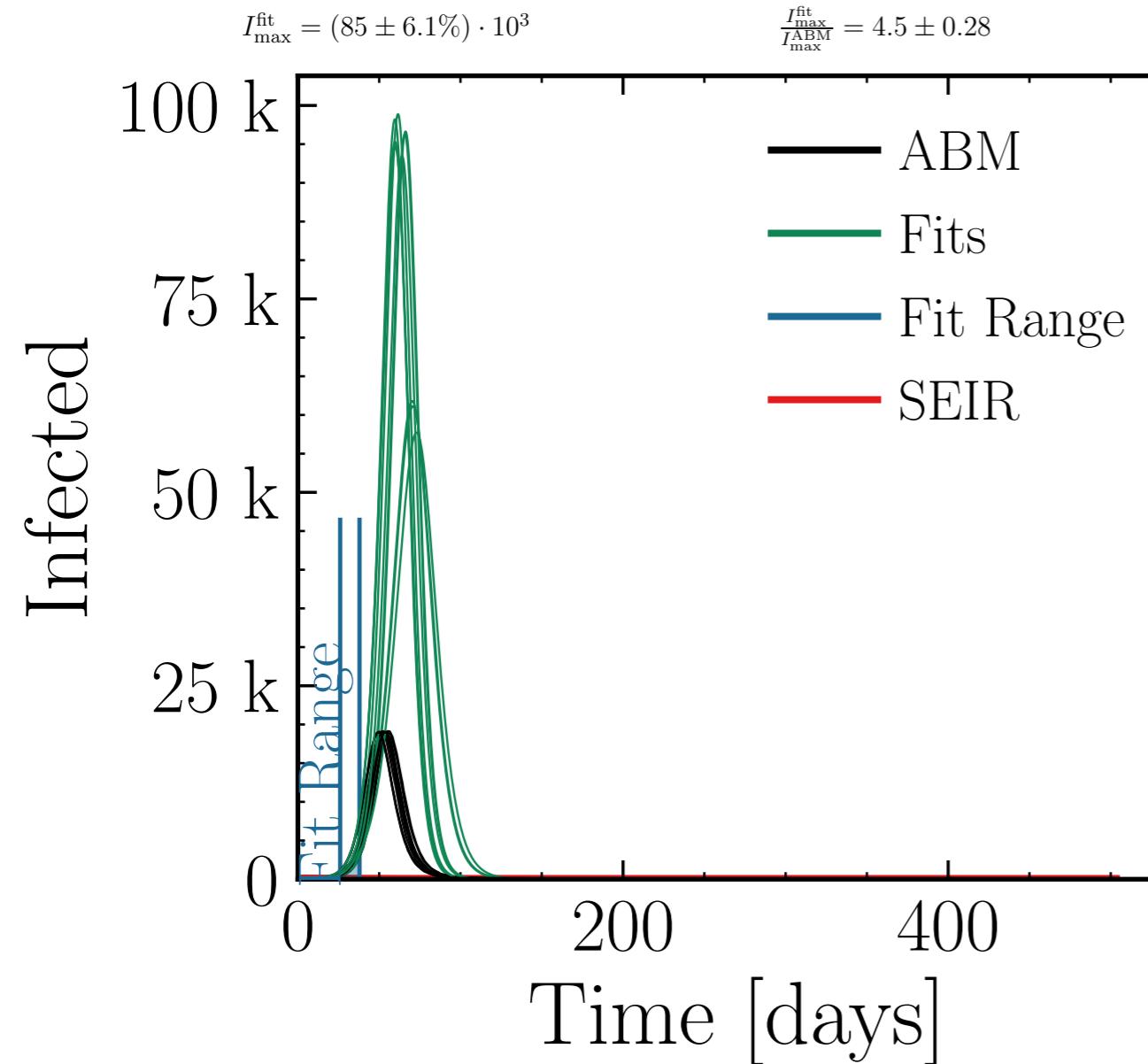
$N_{\text{tot}} = 580K$ ,  $\rho = 0.075$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = da98f351f5, #10



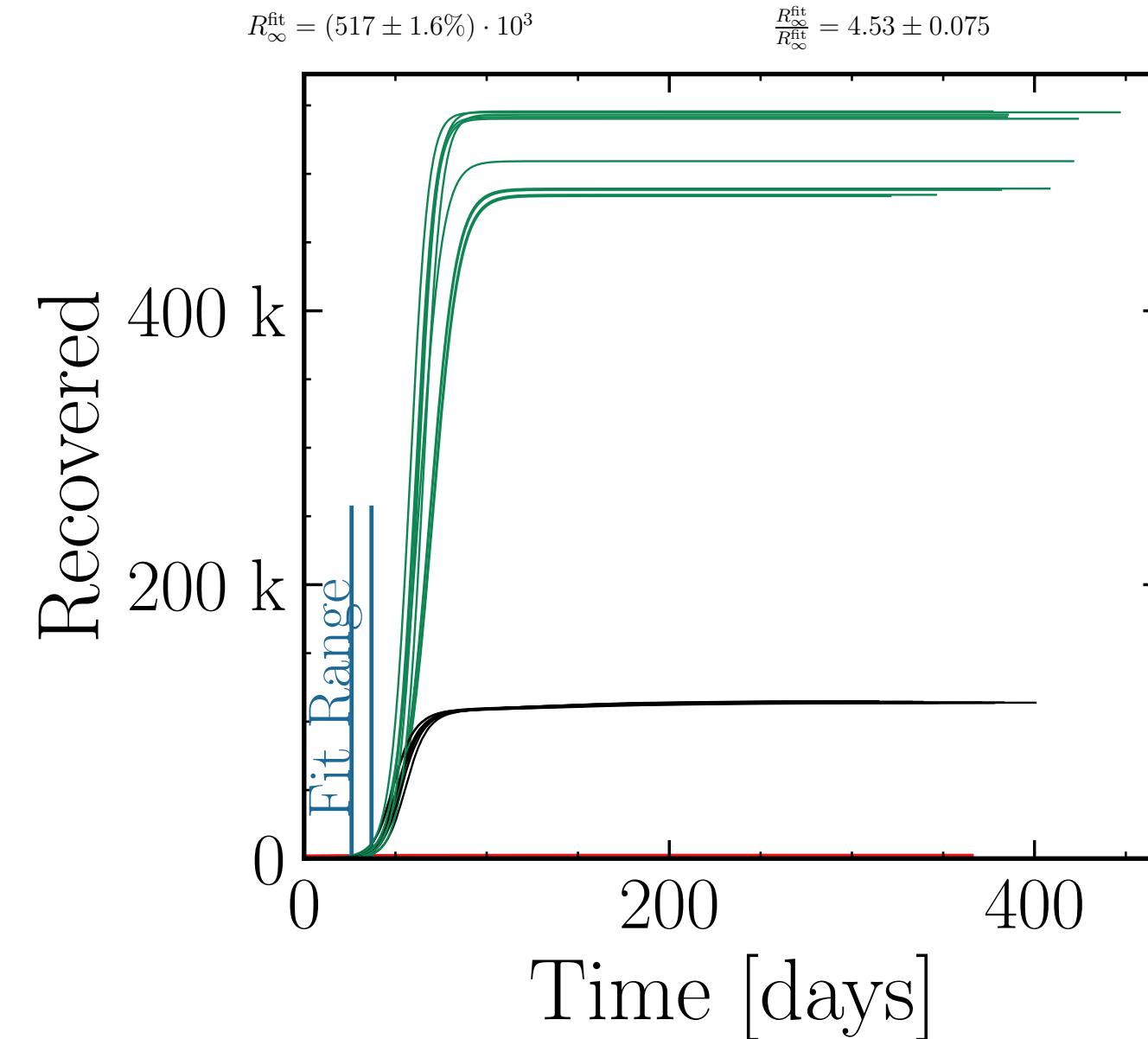
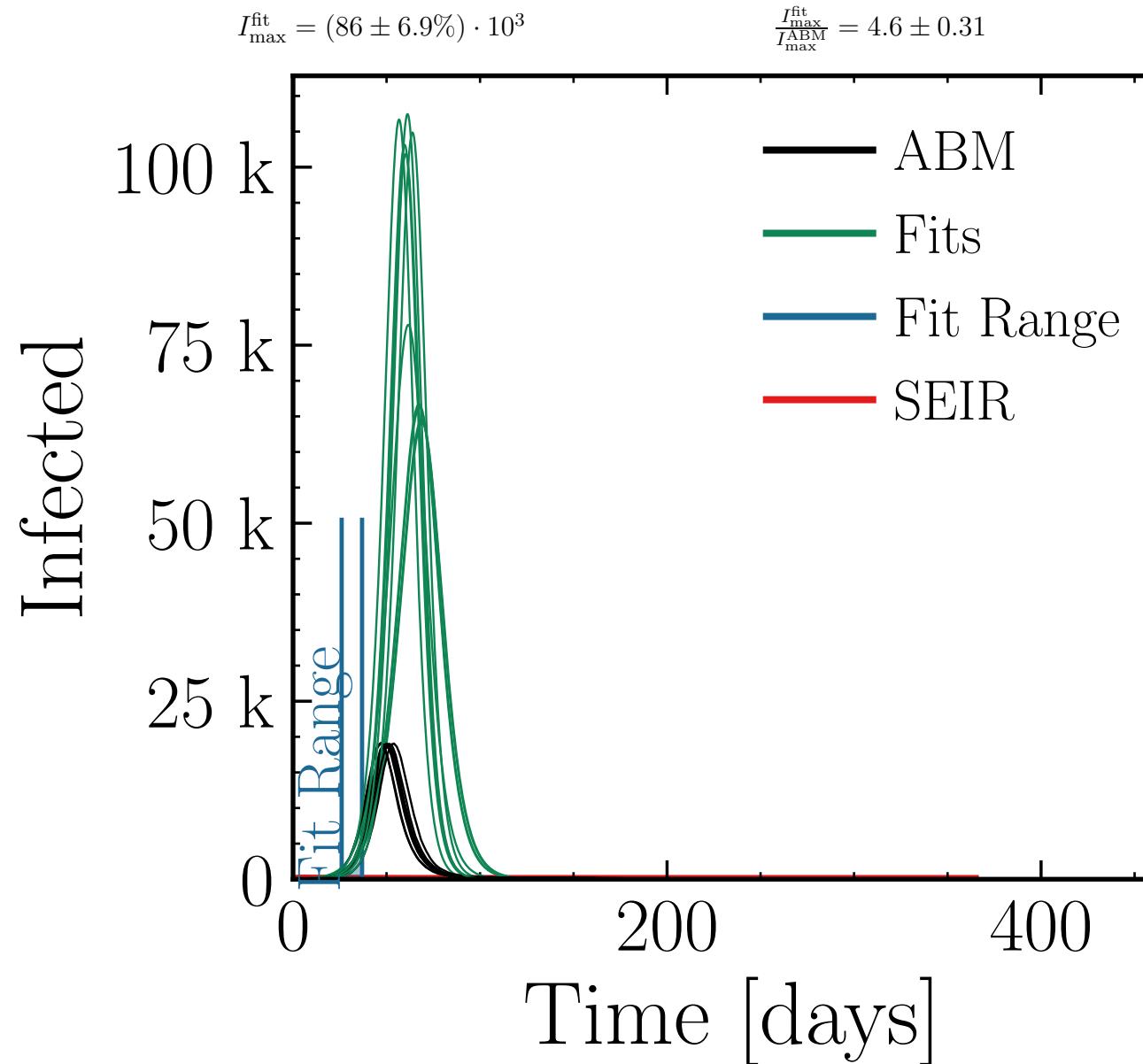
$N_{\text{tot}} = 580K$ ,  $\rho = 0.15$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 72654ee175, #10



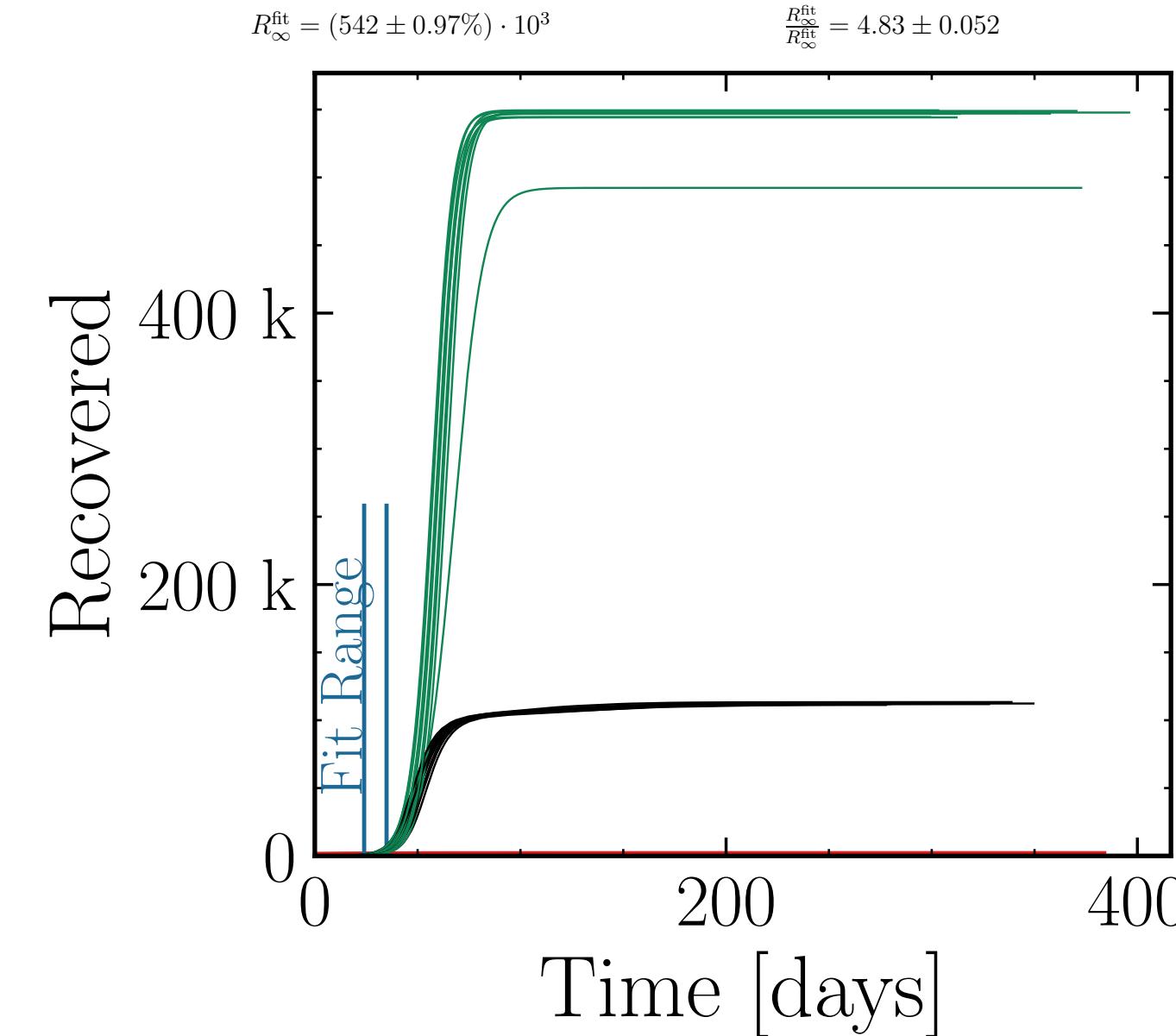
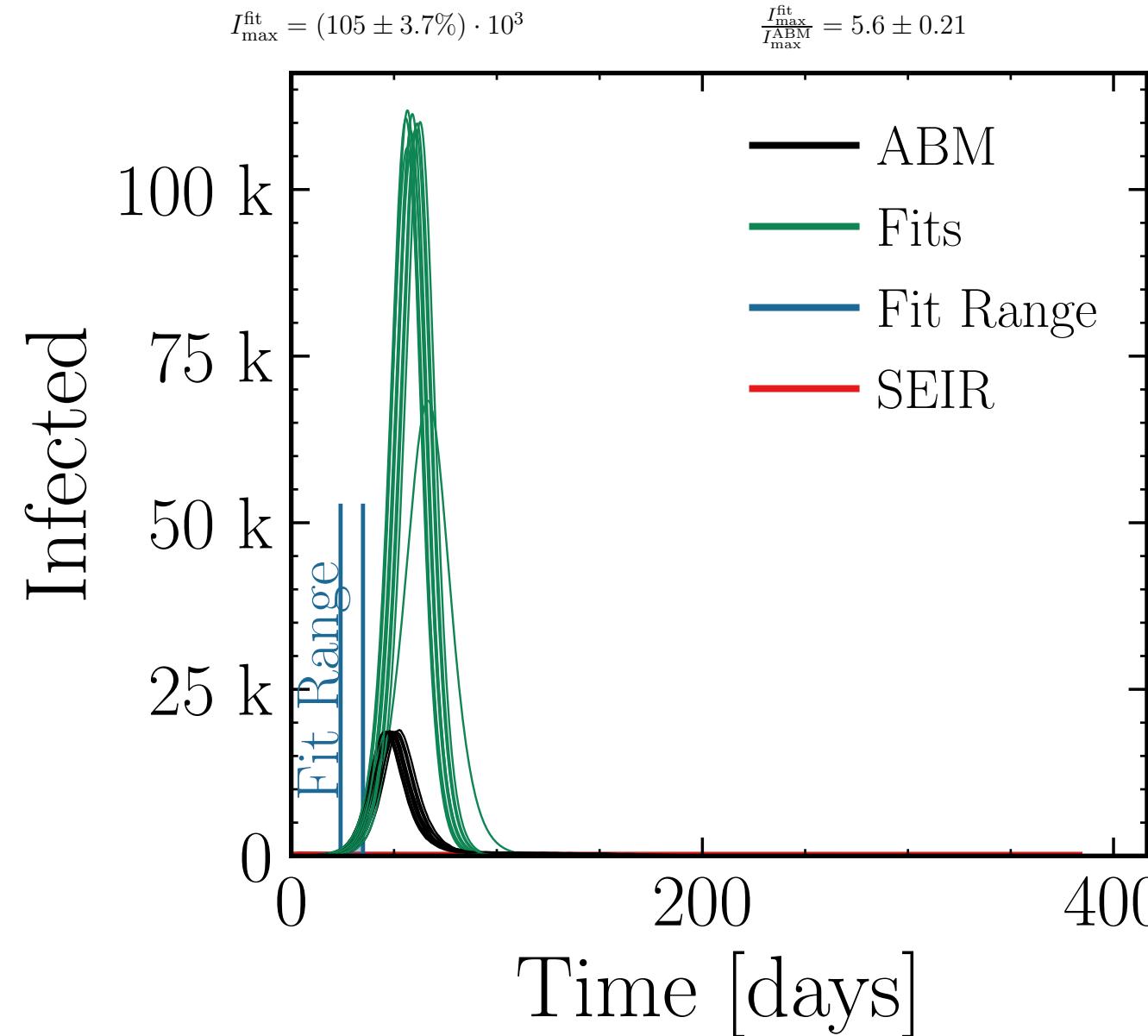
$N_{\text{tot}} = 580K$ ,  $\rho = 0.2$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 3f6e065414, #10



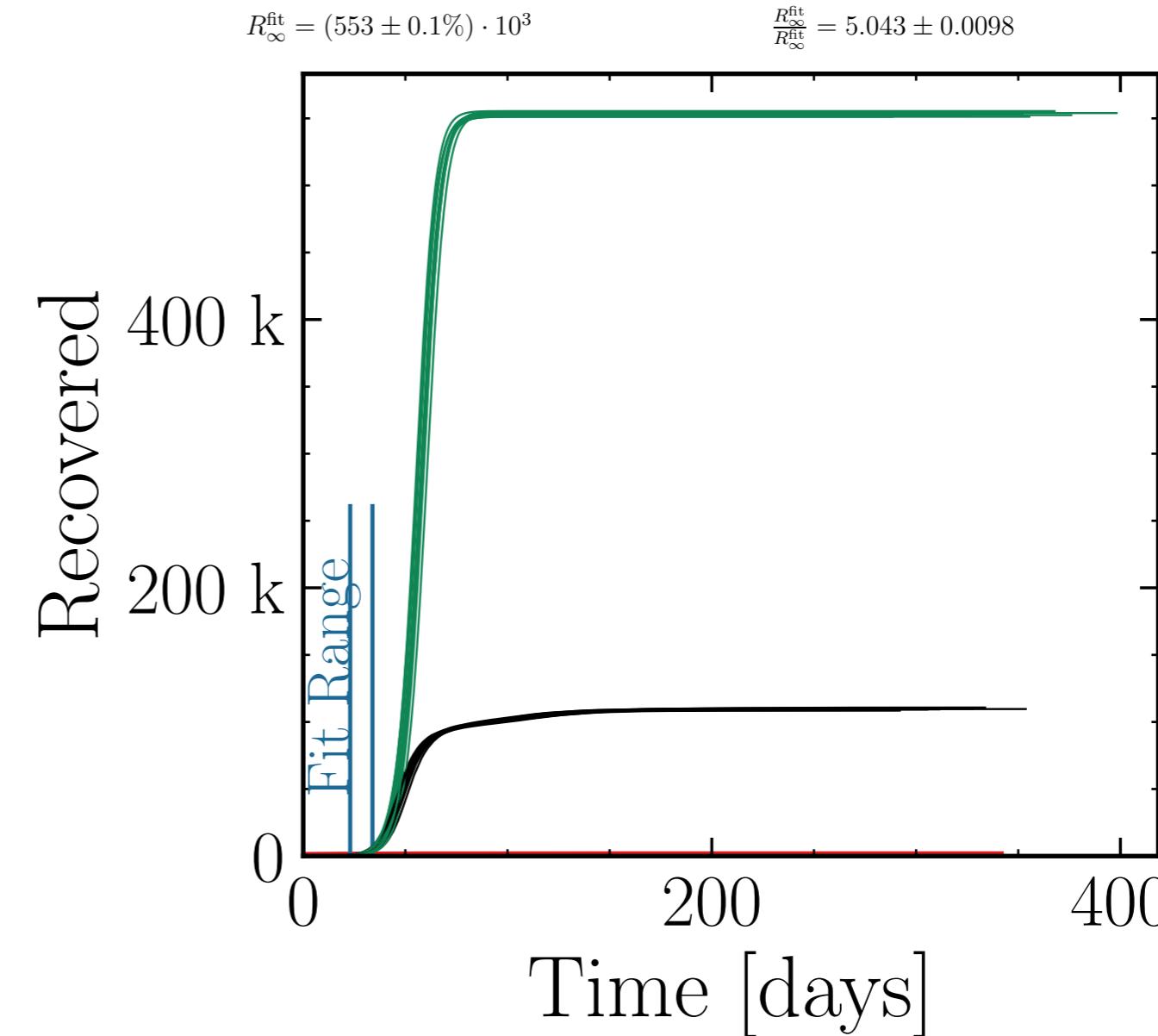
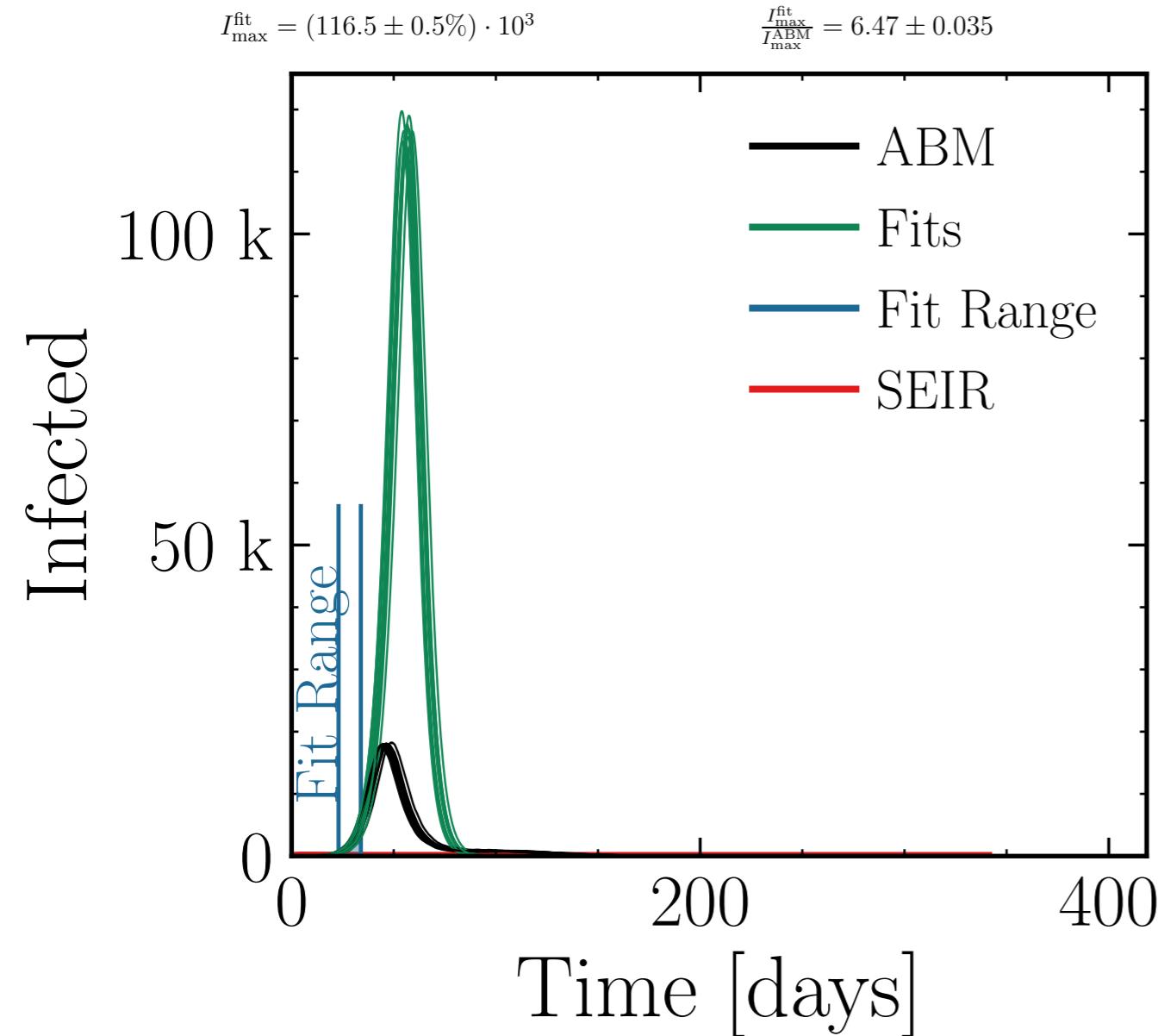
$N_{\text{tot}} = 580K$ ,  $\rho = 0.25$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = cf1d13cf82, #10



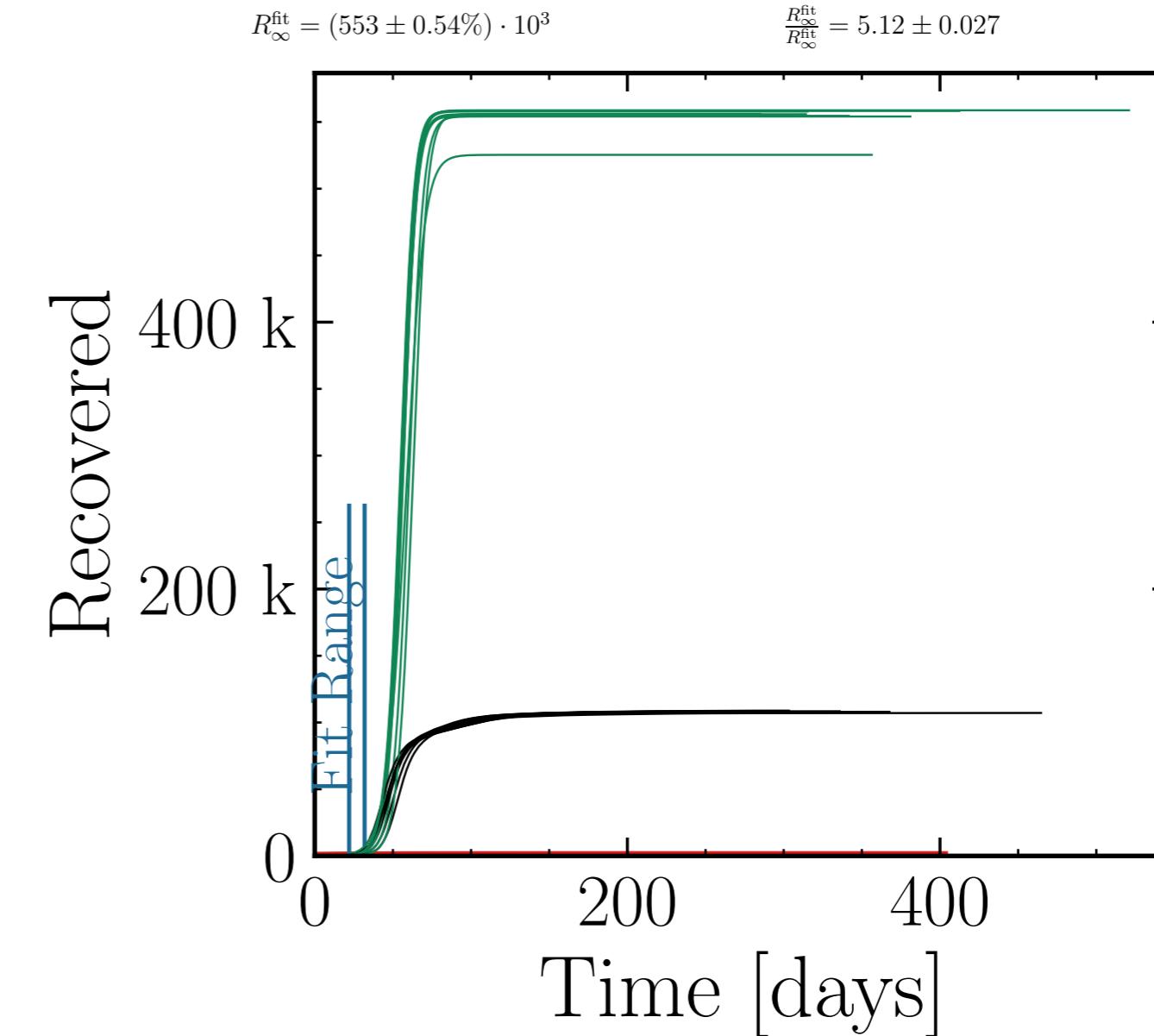
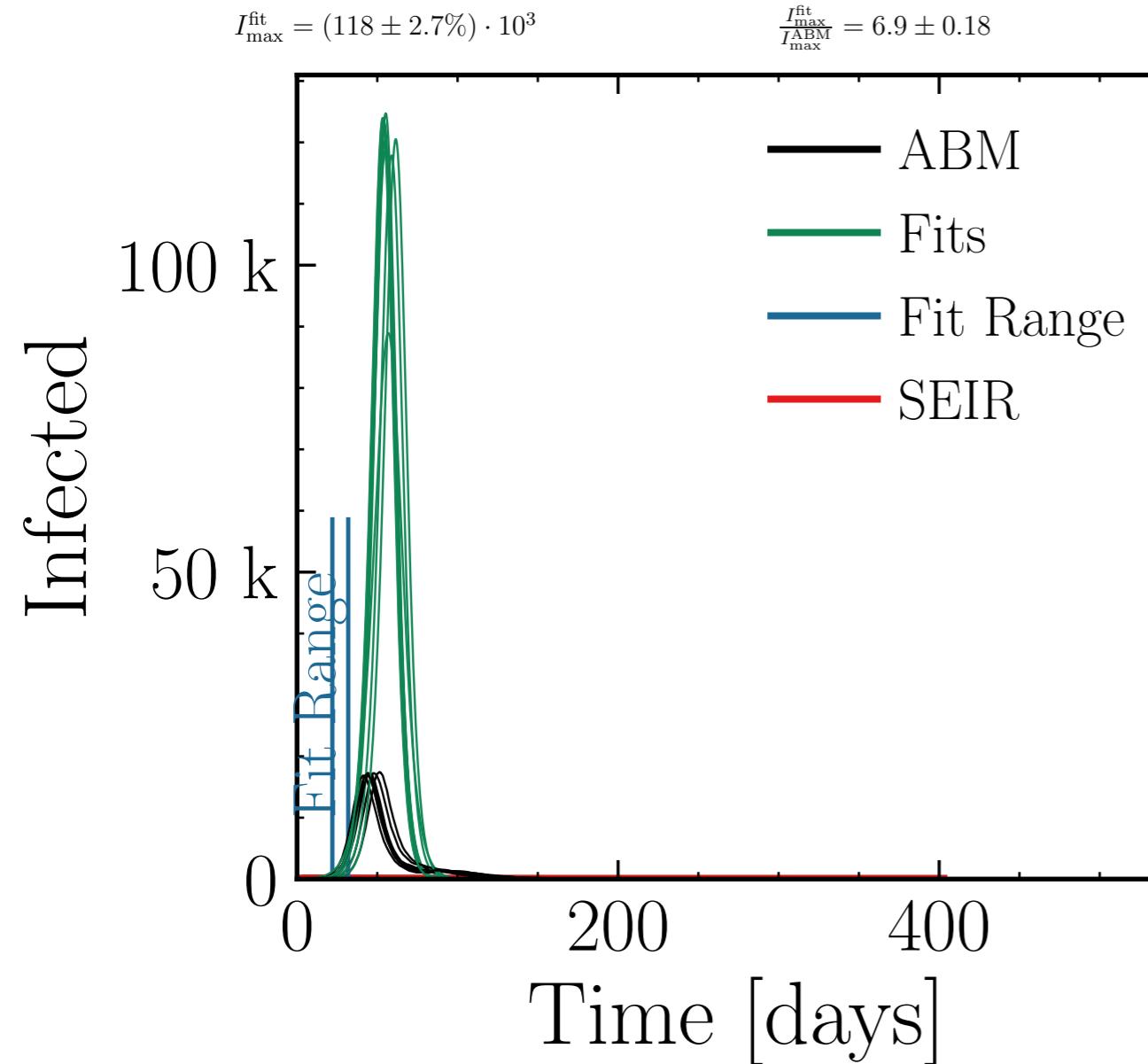
$N_{\text{tot}} = 580K$ ,  $\rho = 0.3$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b990bbaab8, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.4$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 705916895c, #10

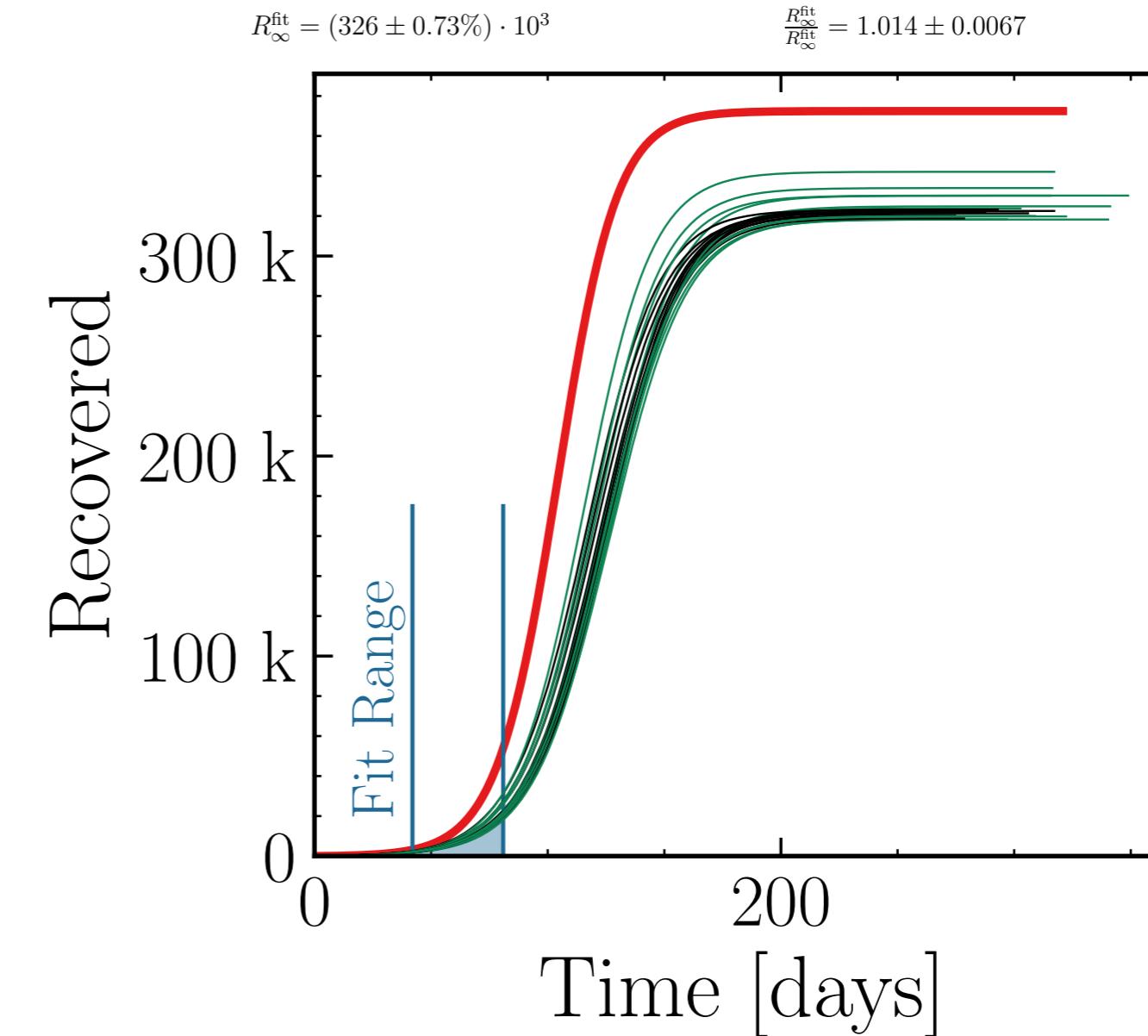
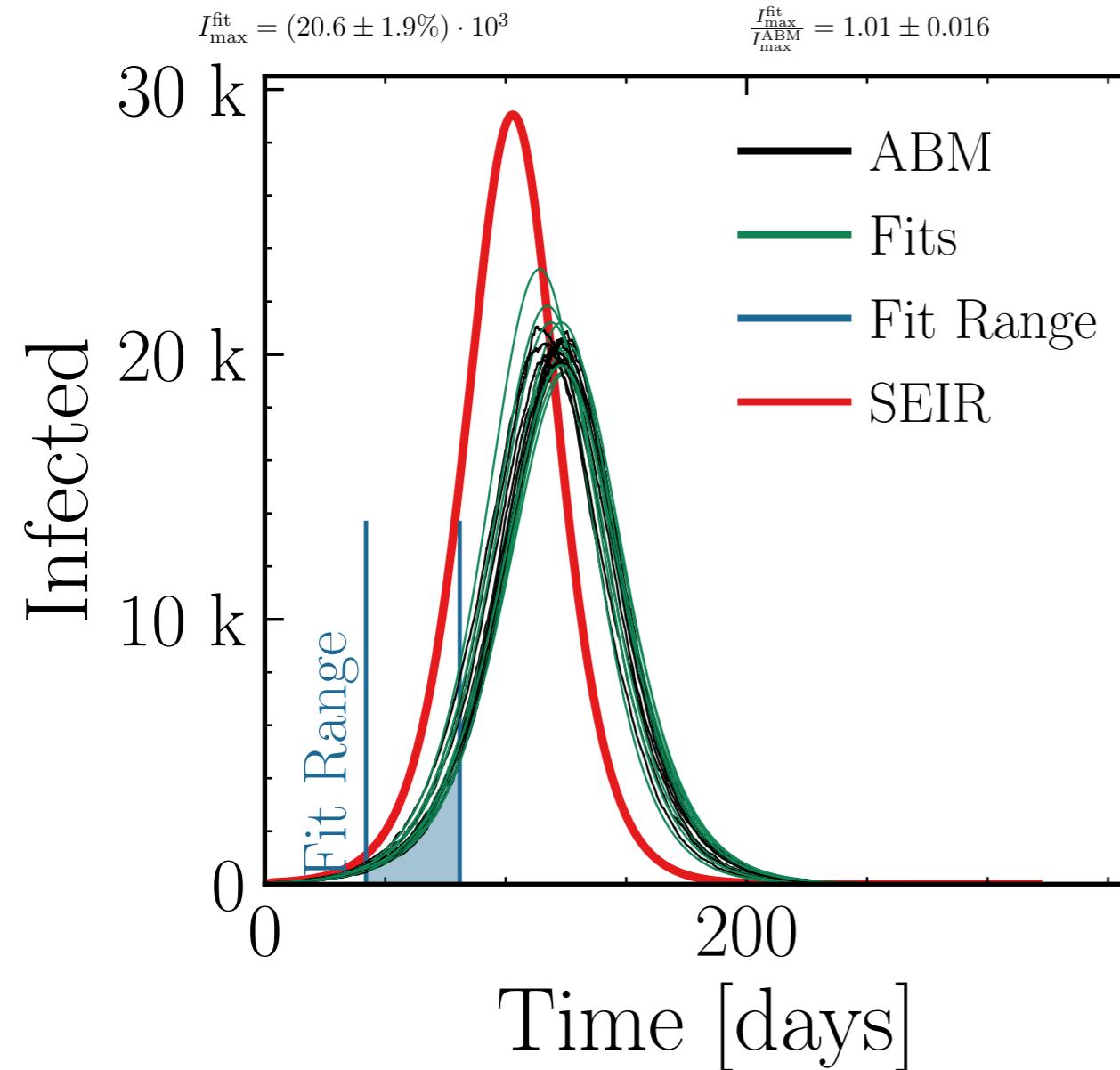


$N_{\text{tot}} = 580K$ ,  $\rho = 0.5$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.005$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 8e105f2ce4, #10



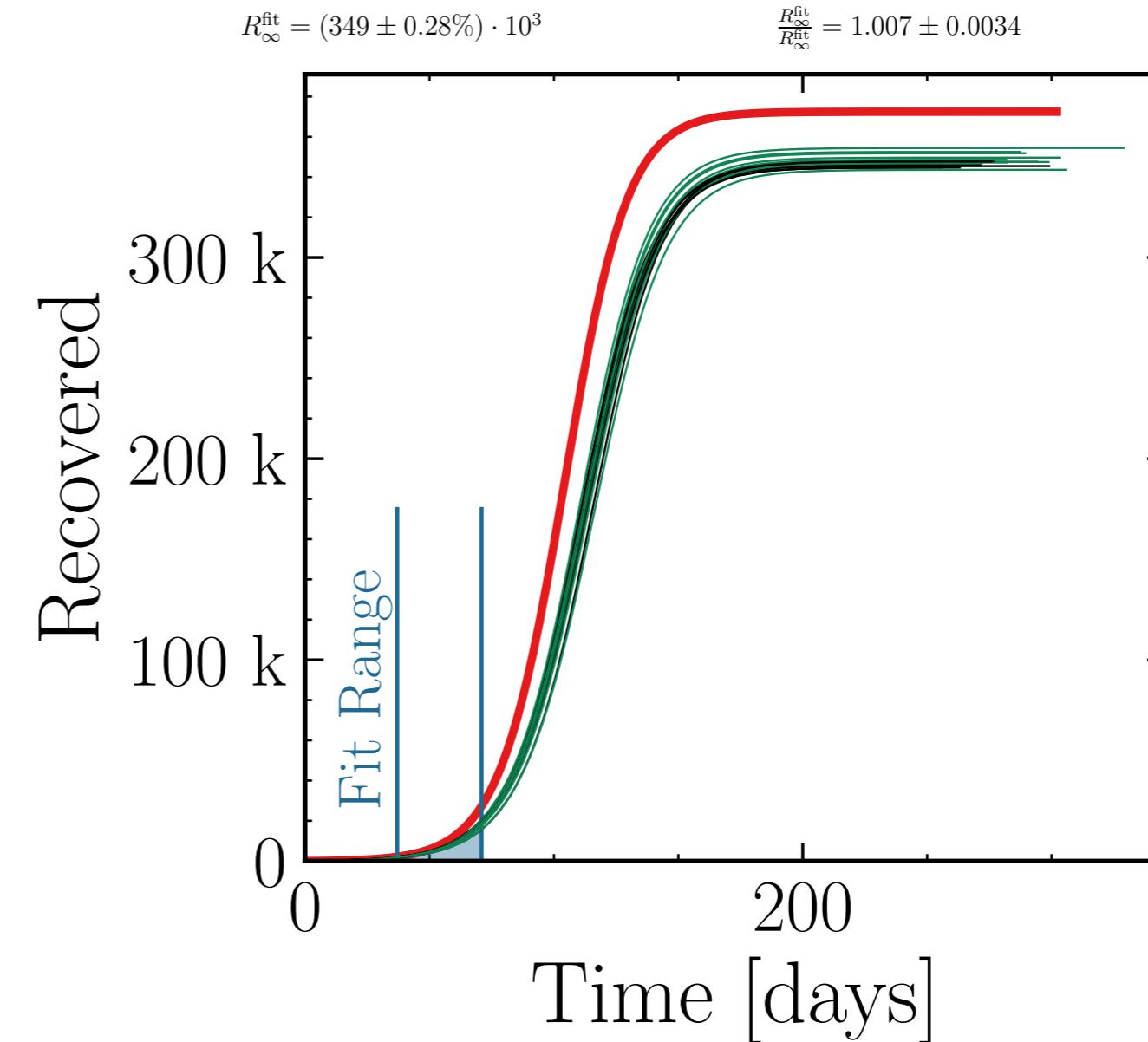
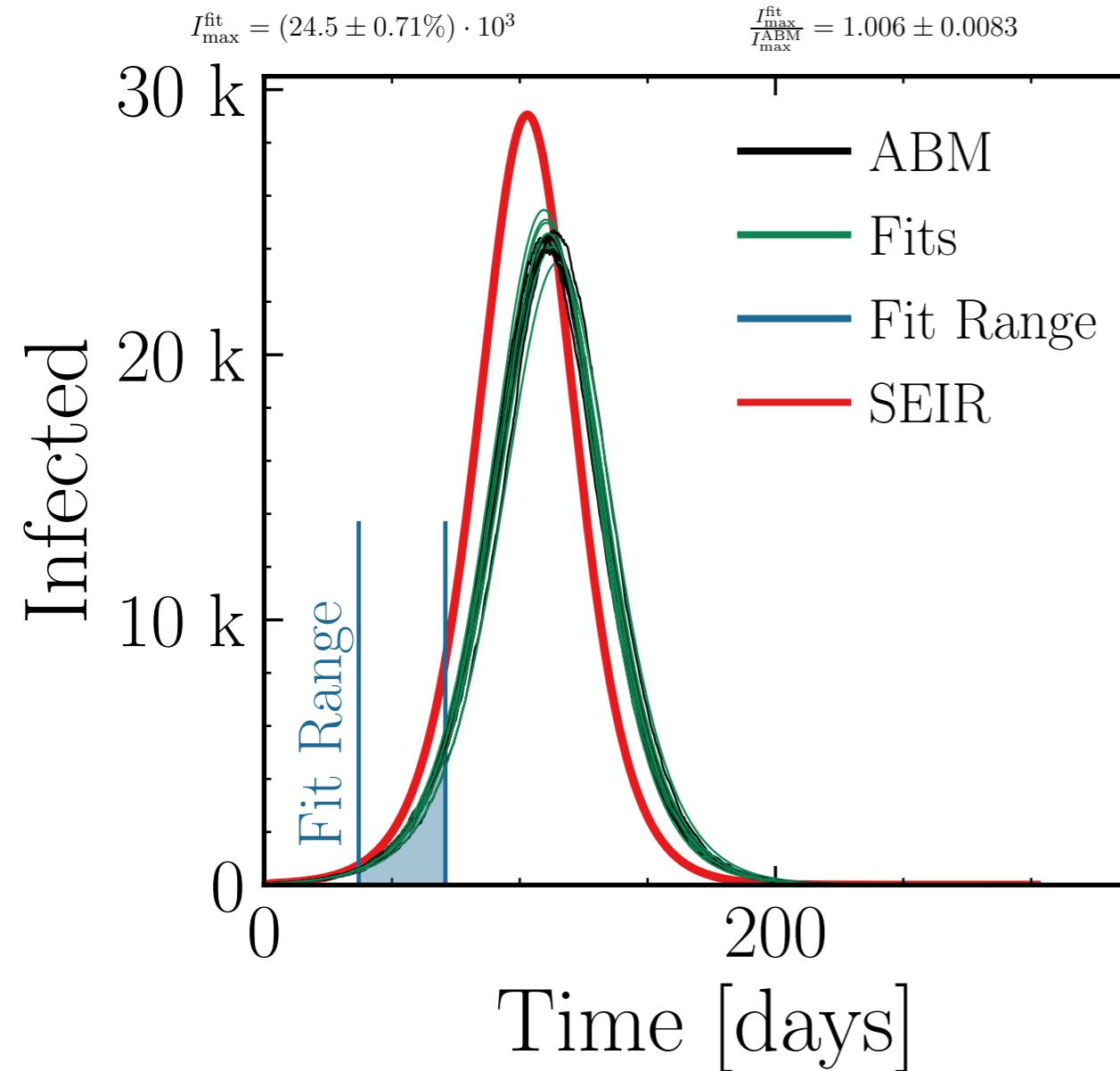
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 8432f13ce8, #10



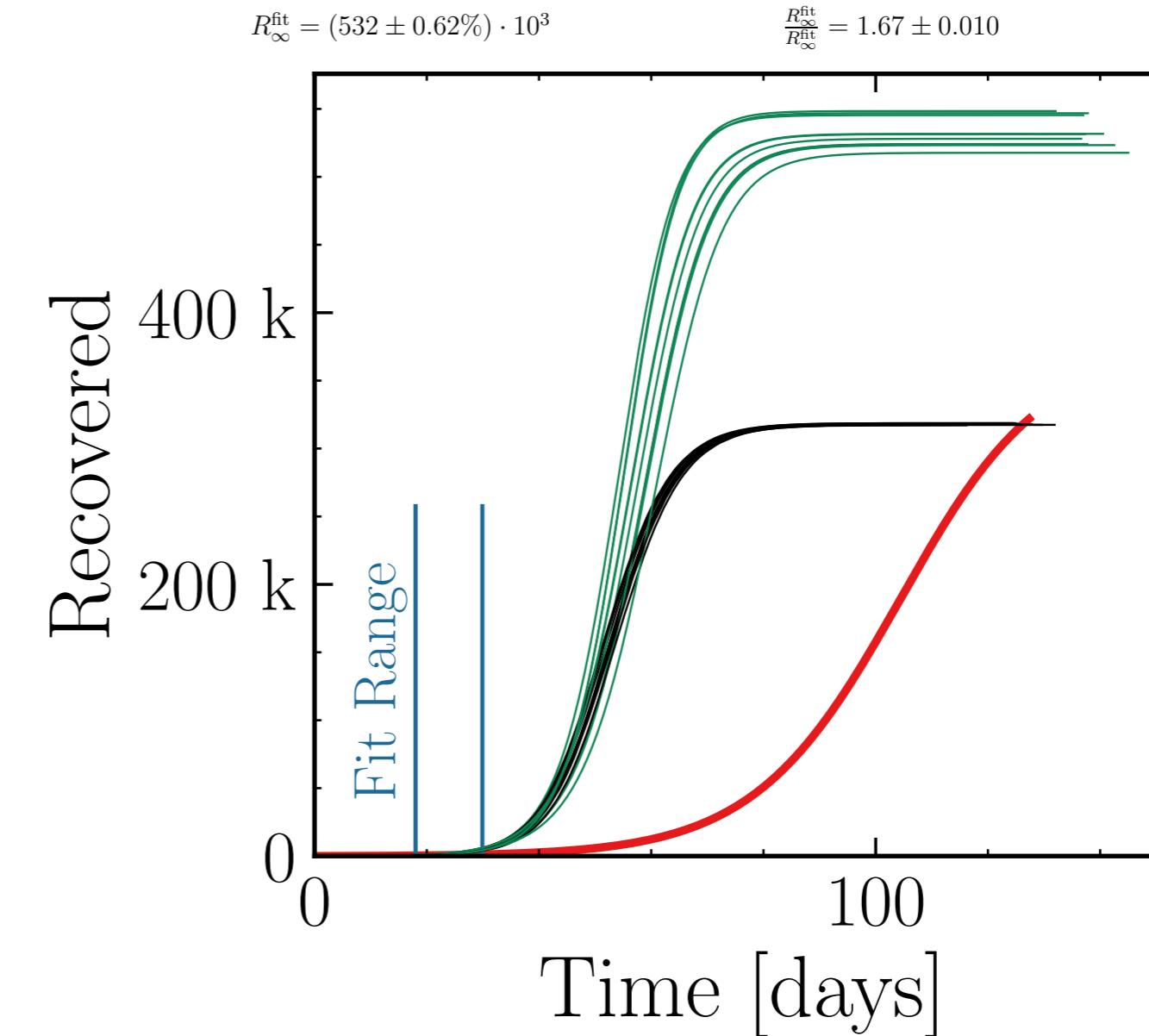
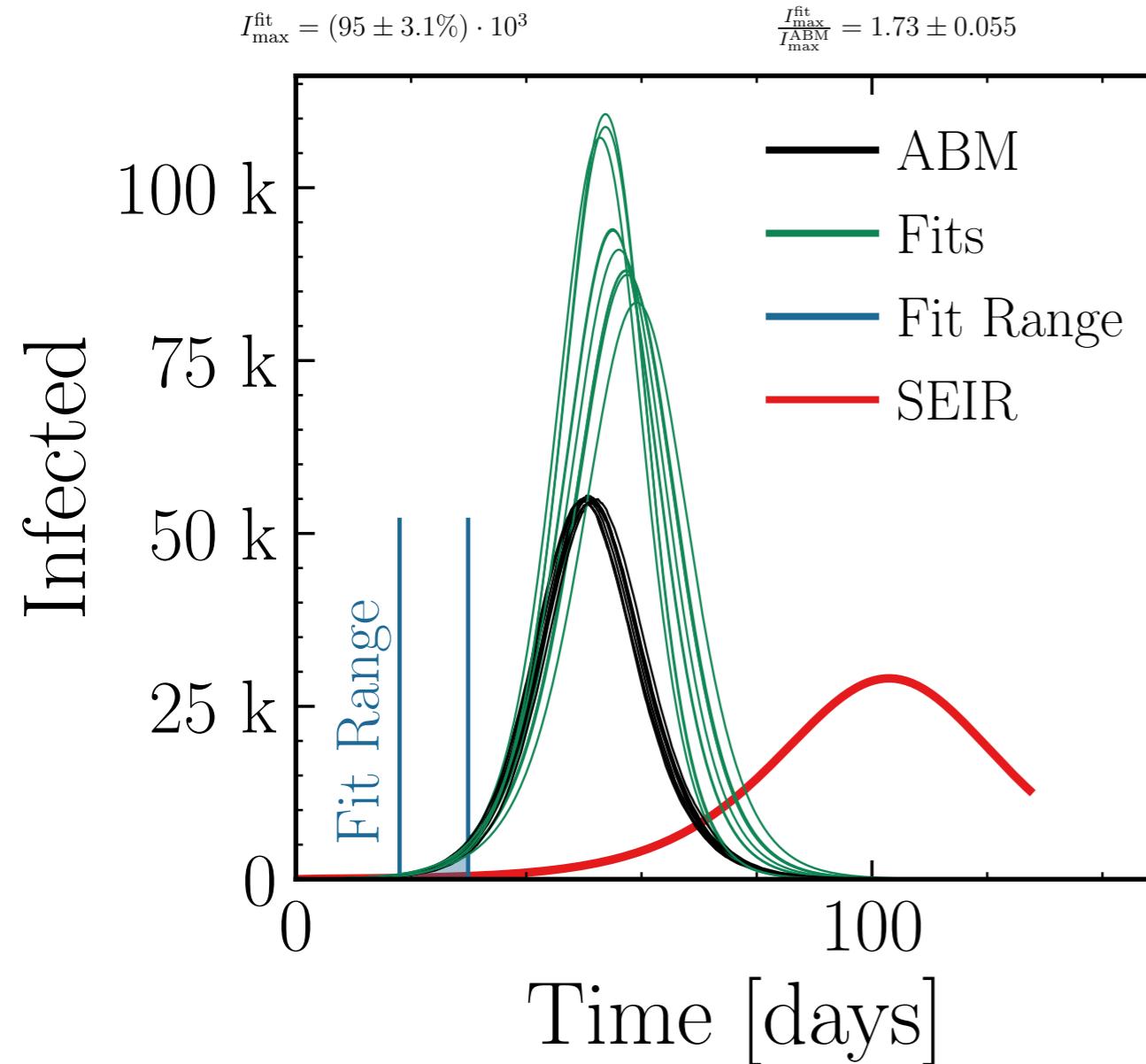
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 3e3aaed136, #10

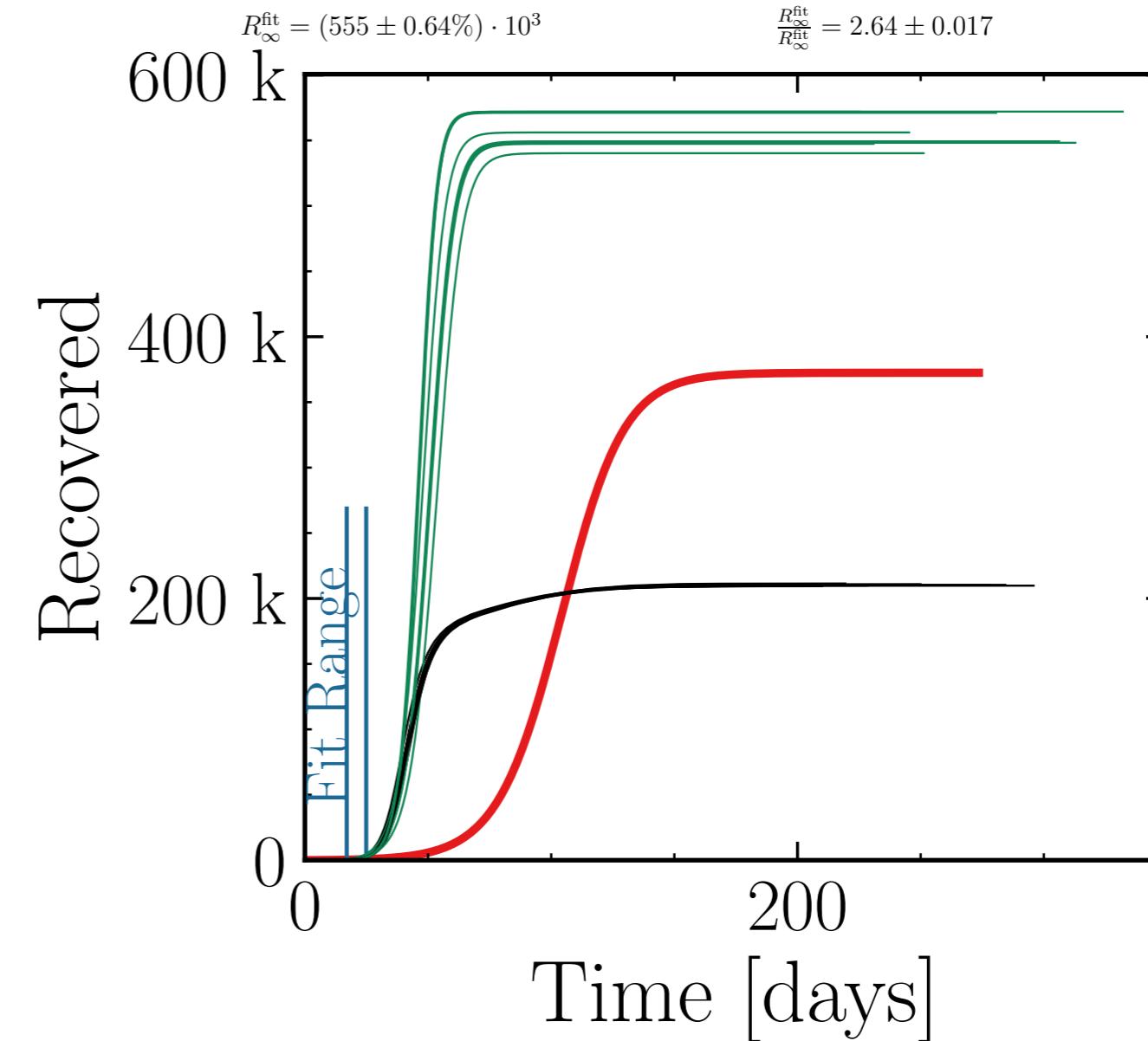
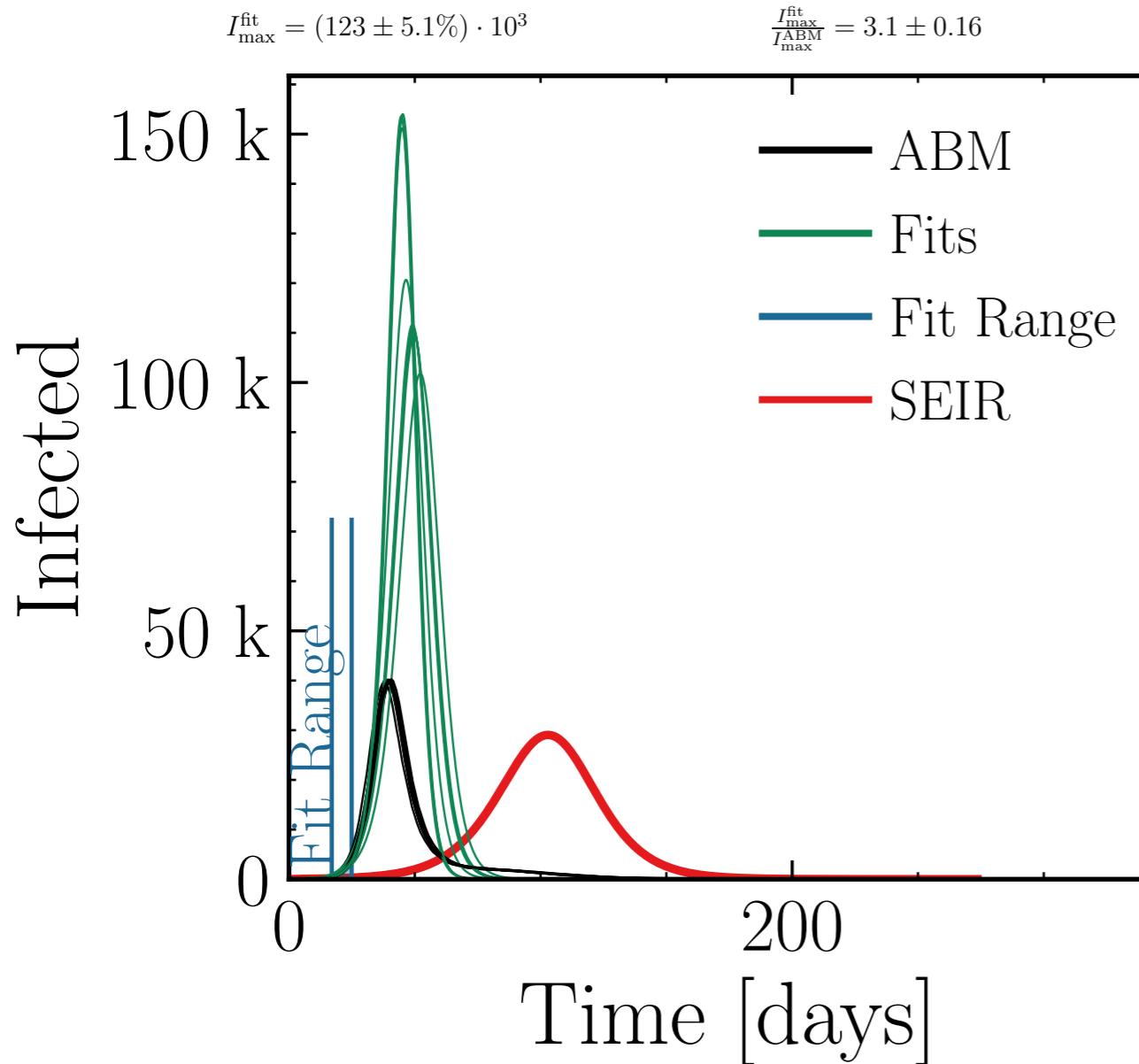


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

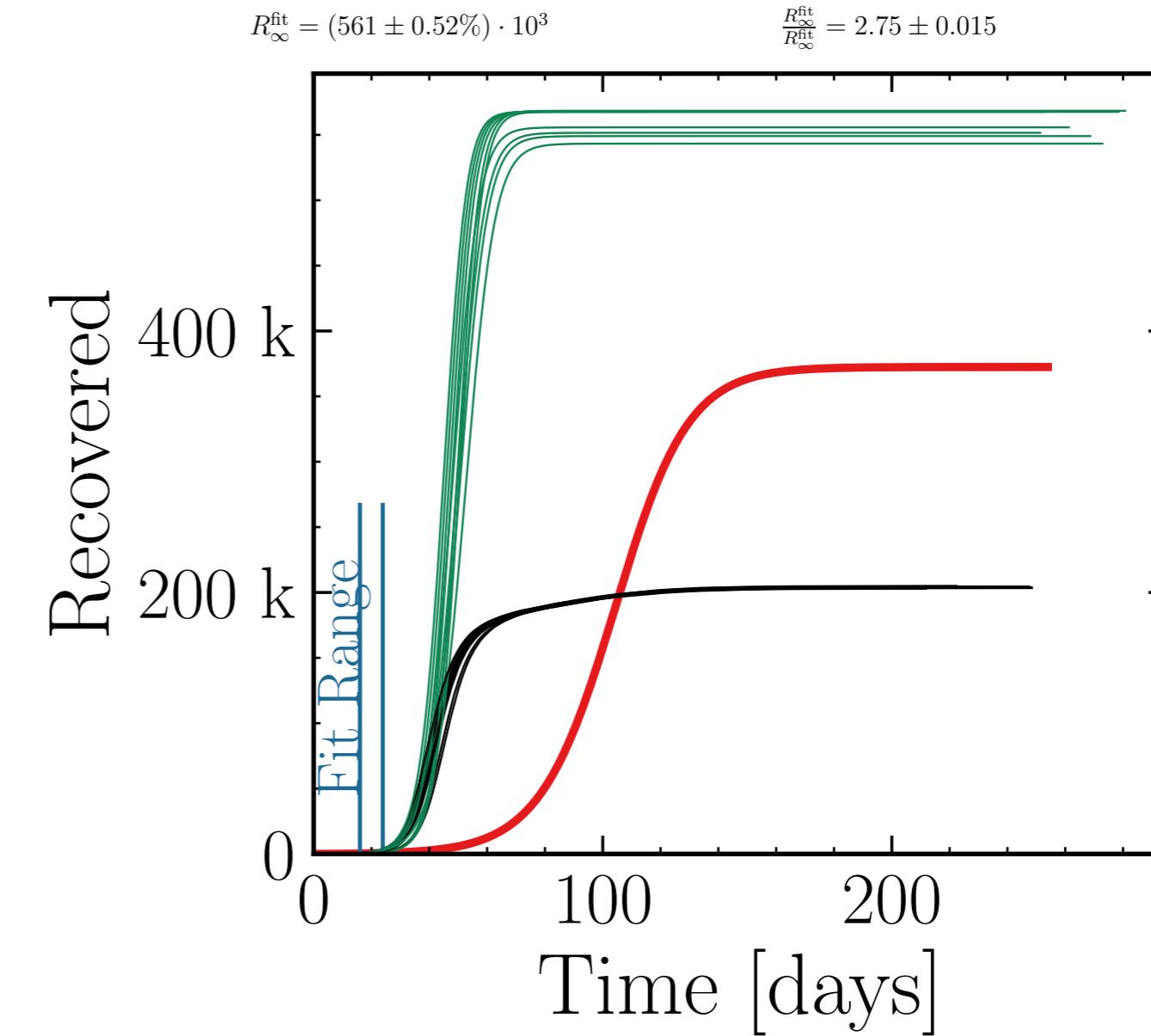
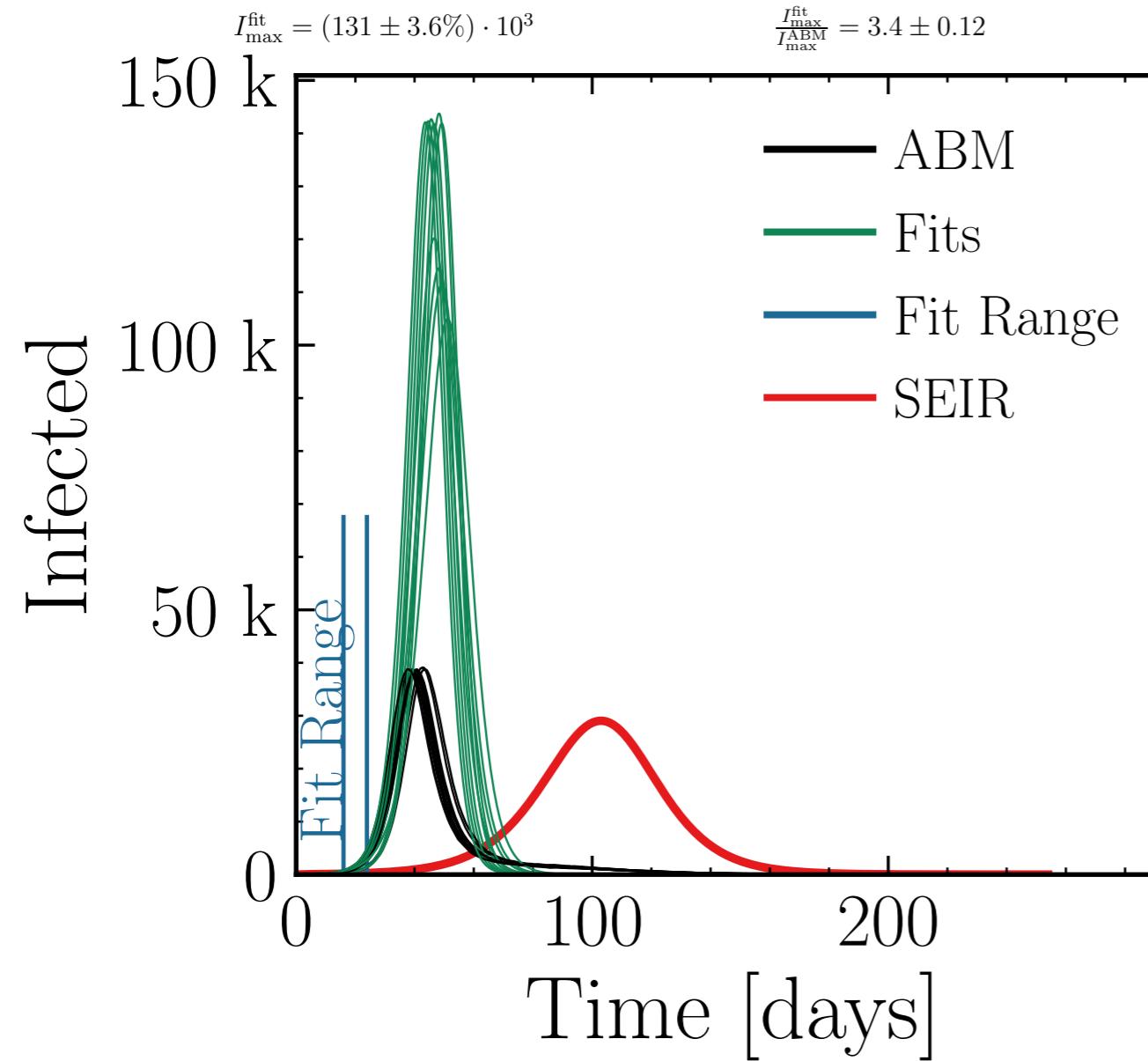
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = baf65f4bbb, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 77f813c384, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 63dd42a89c, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

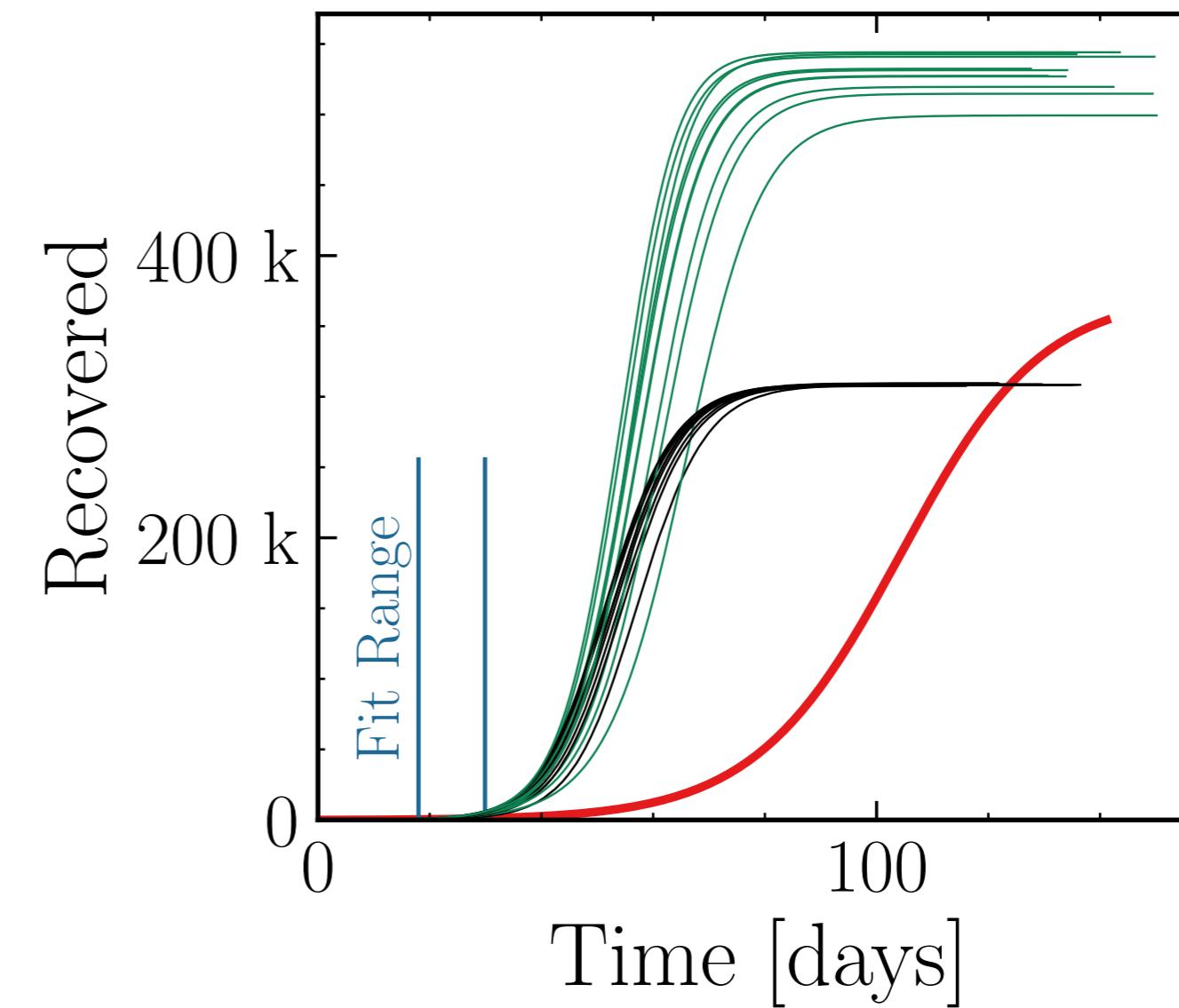
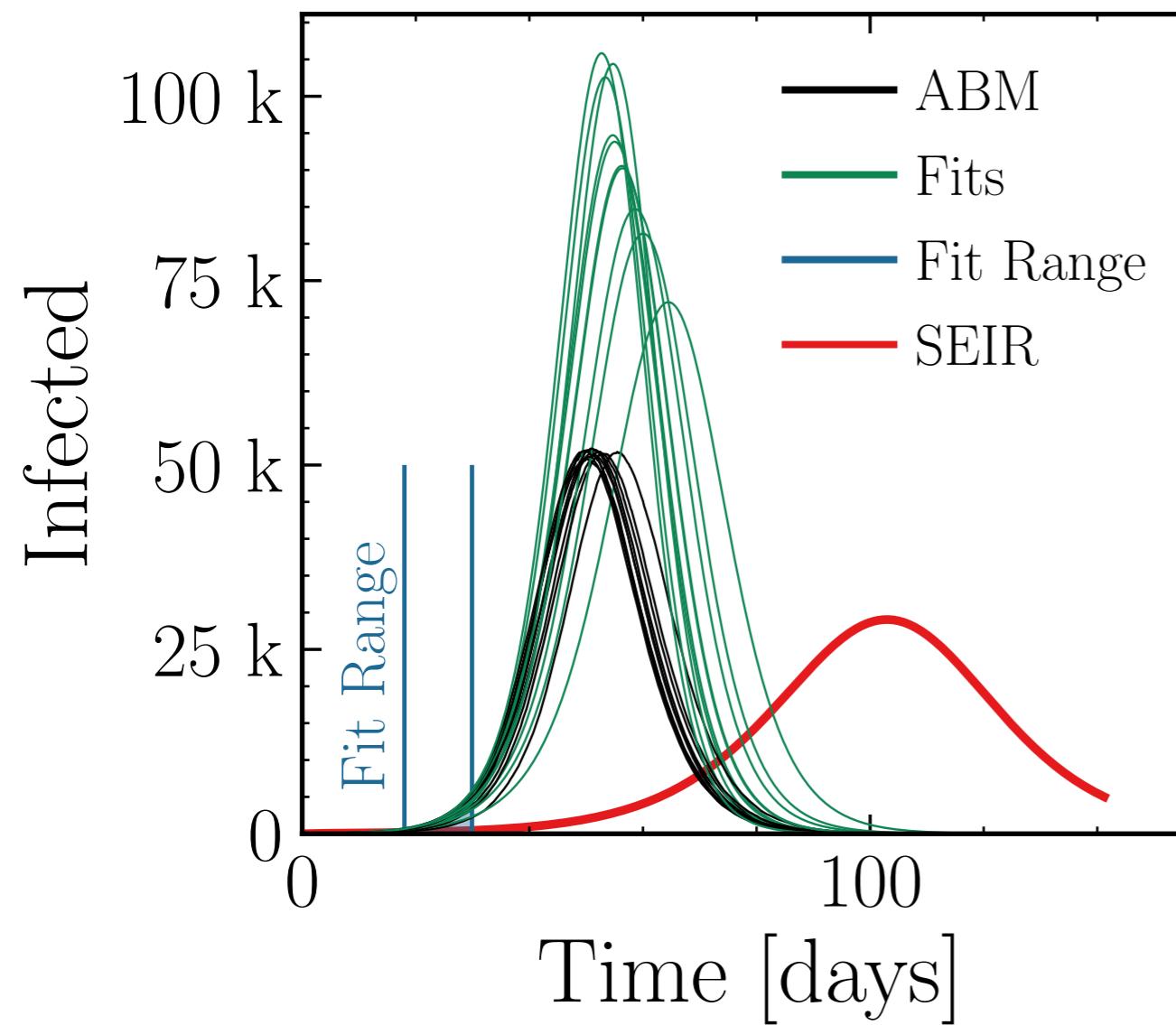
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 860efb0cac, #10

$$I_{\text{max}}^{\text{fit}} = (92 \pm 3.5\%) \cdot 10^3$$

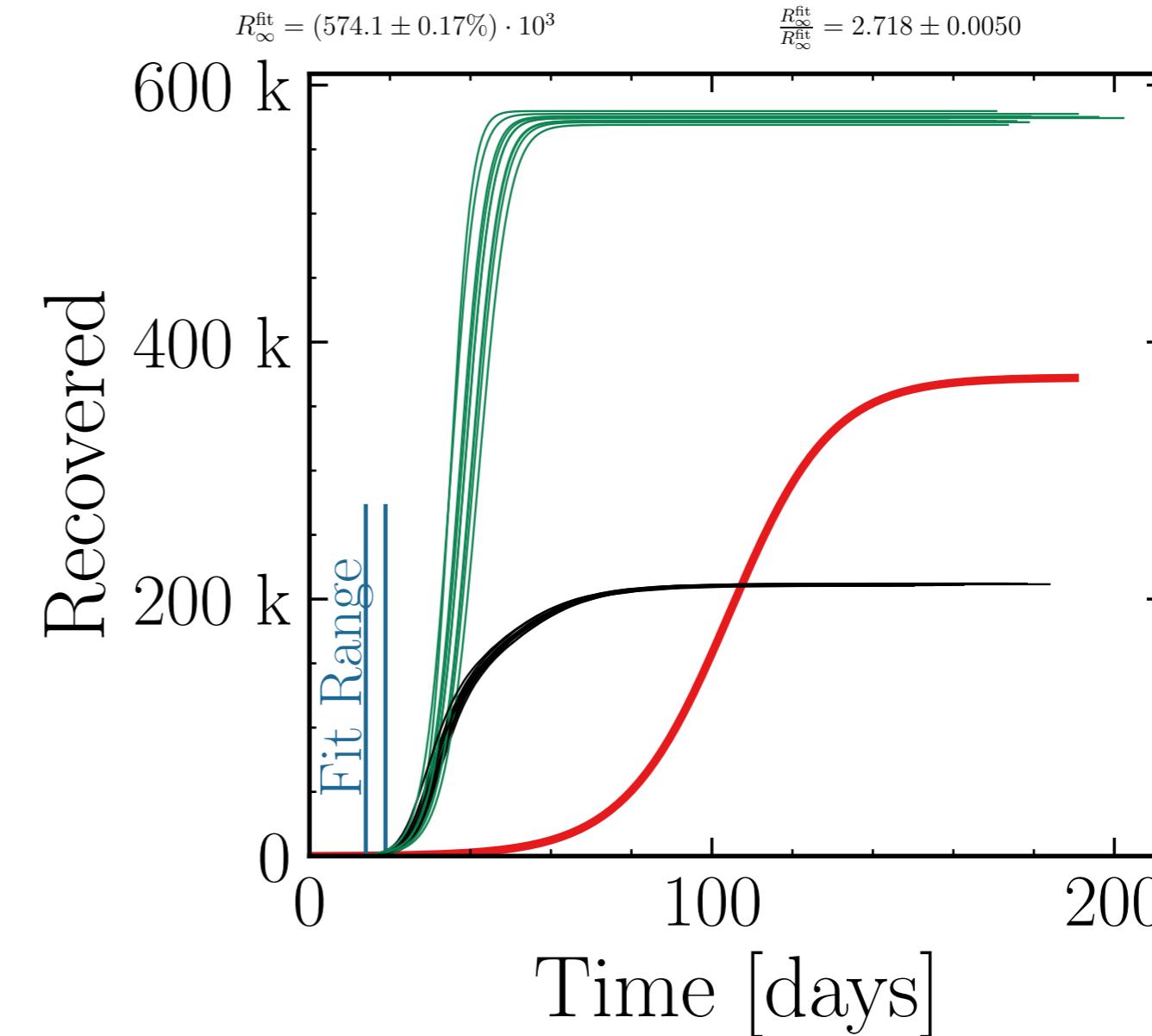
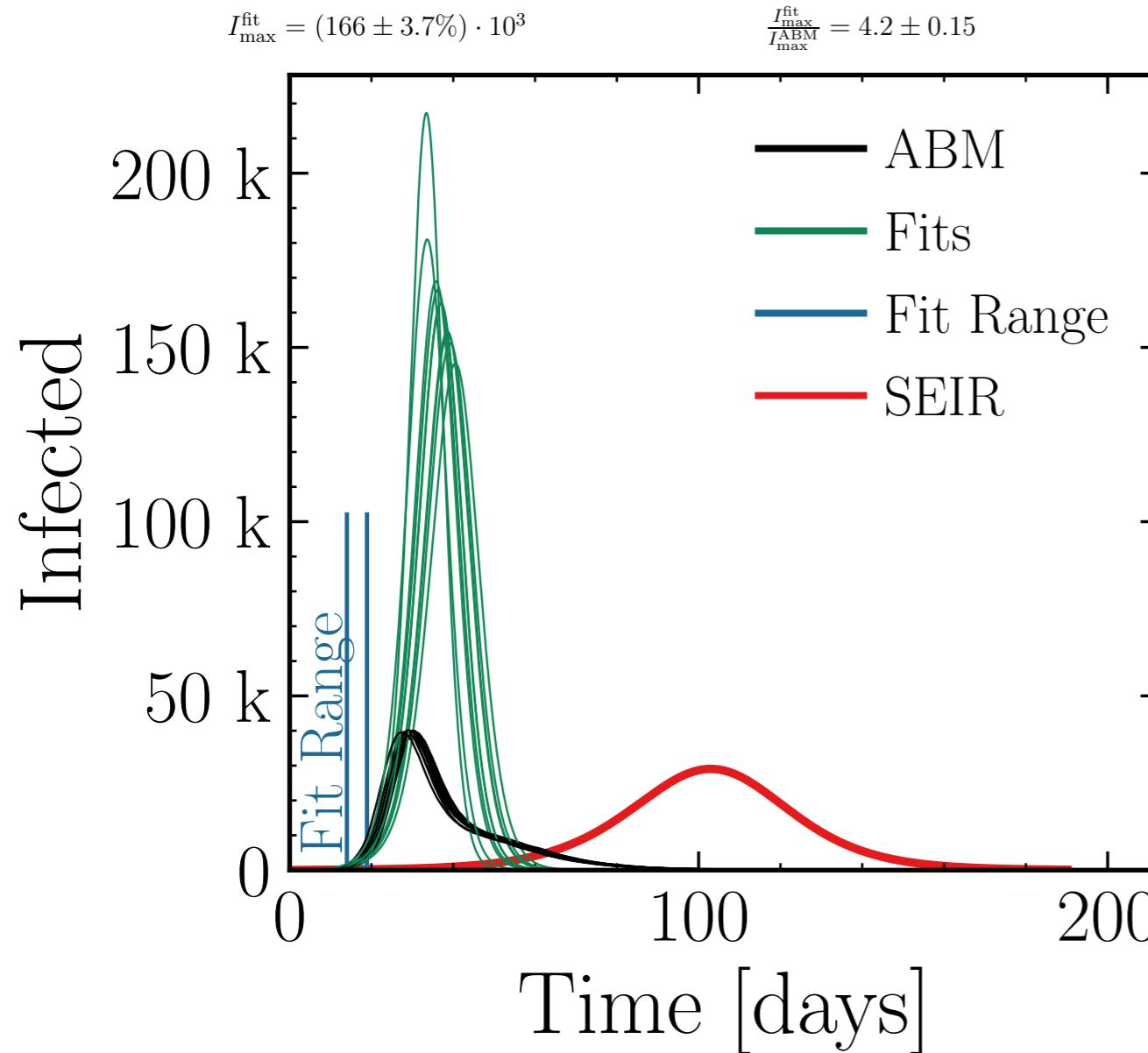
$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{fit}}} = 1.78 \pm 0.063$$

$$R_{\infty}^{\text{fit}} = (528 \pm 0.79\%) \cdot 10^3$$

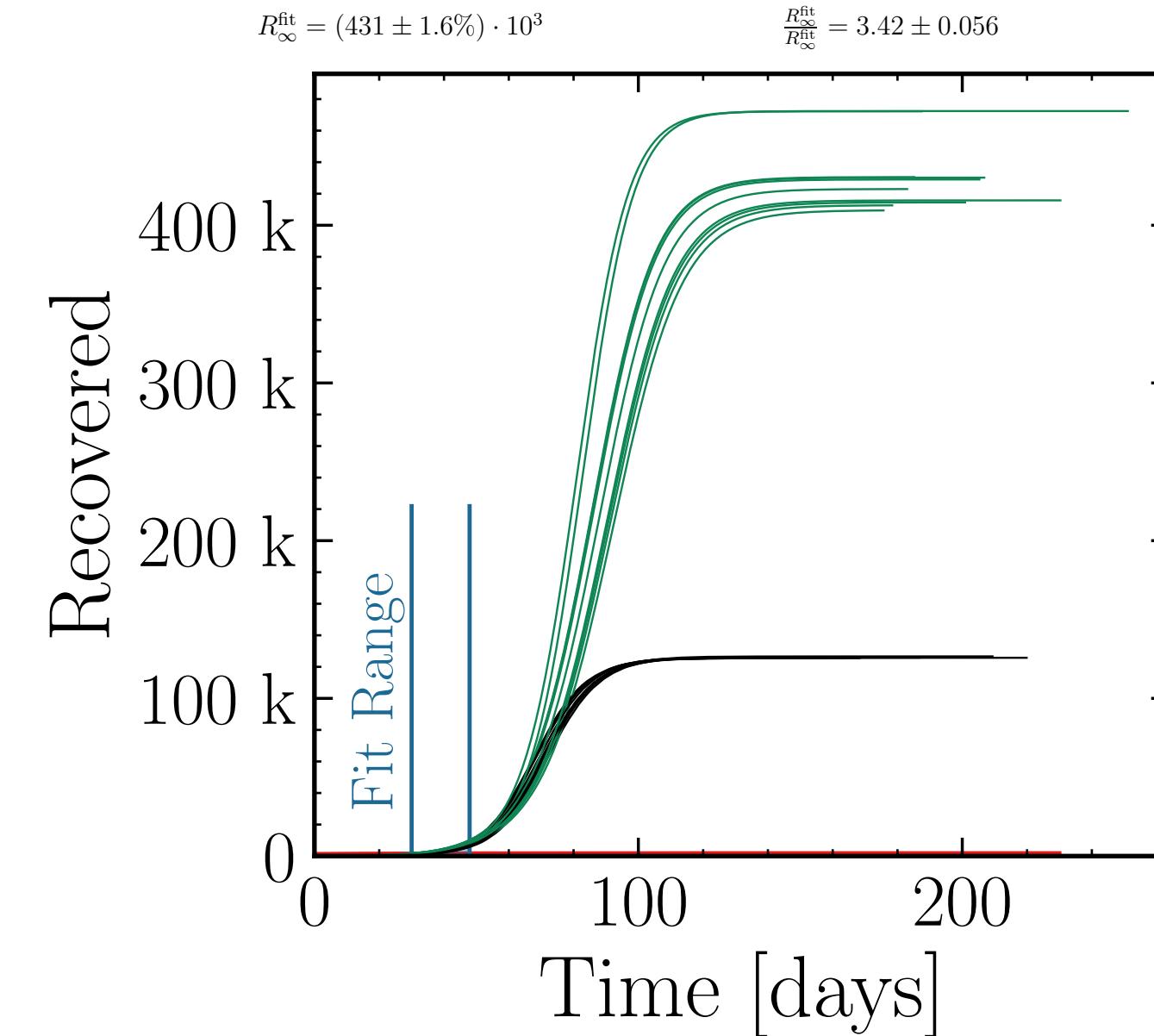
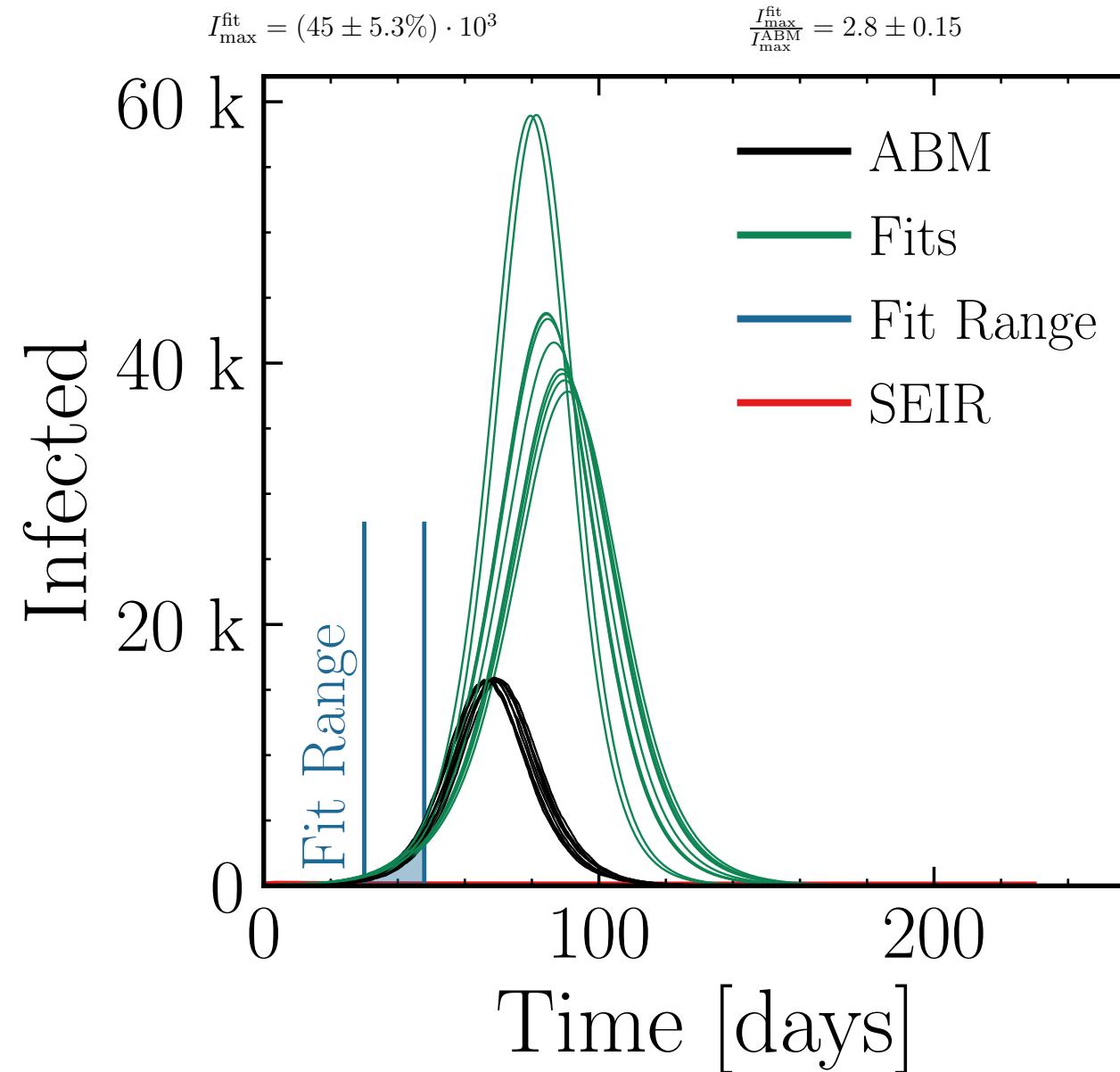
$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.71 \pm 0.014$$



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 4a4a7f3cde, #10

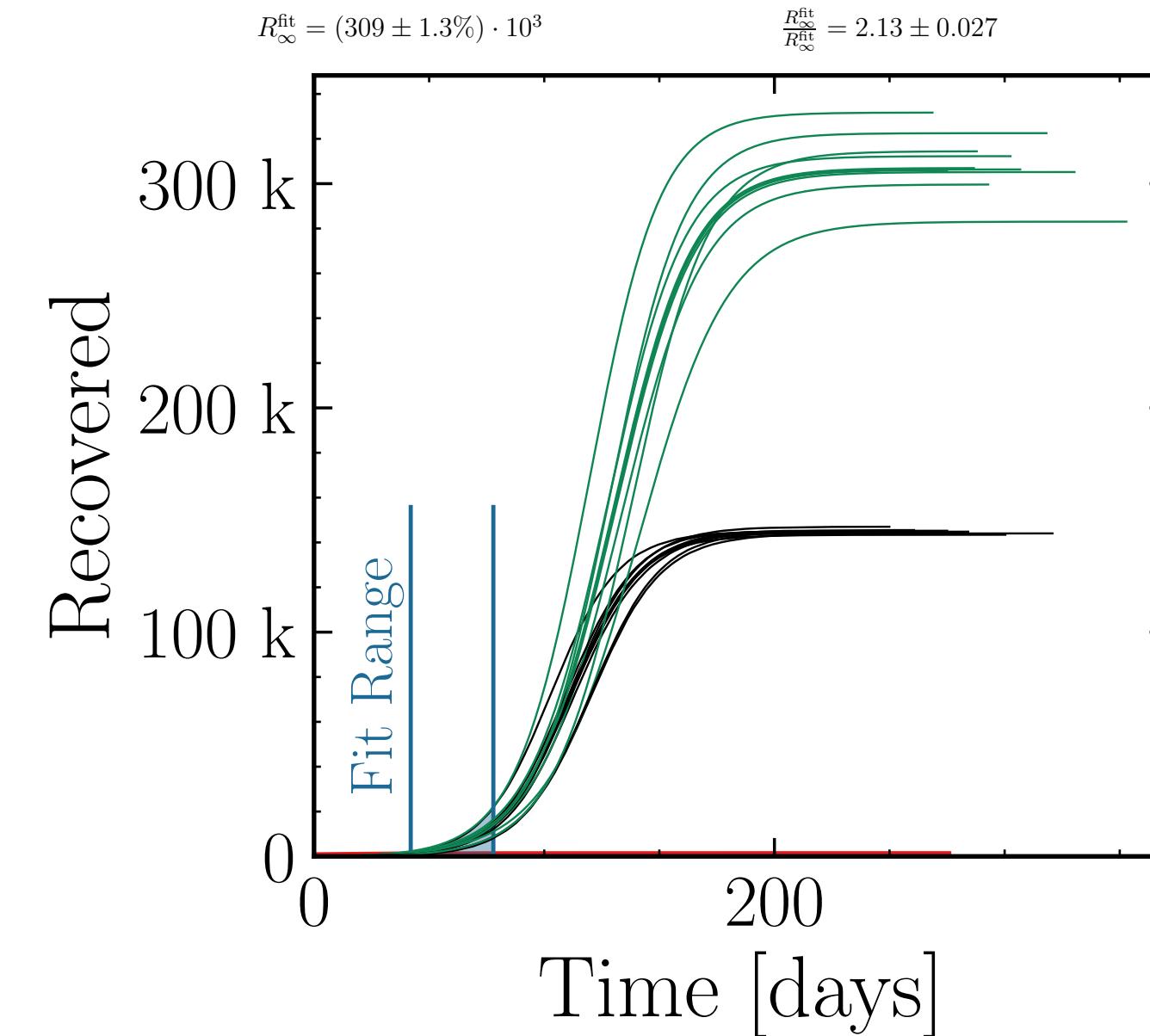
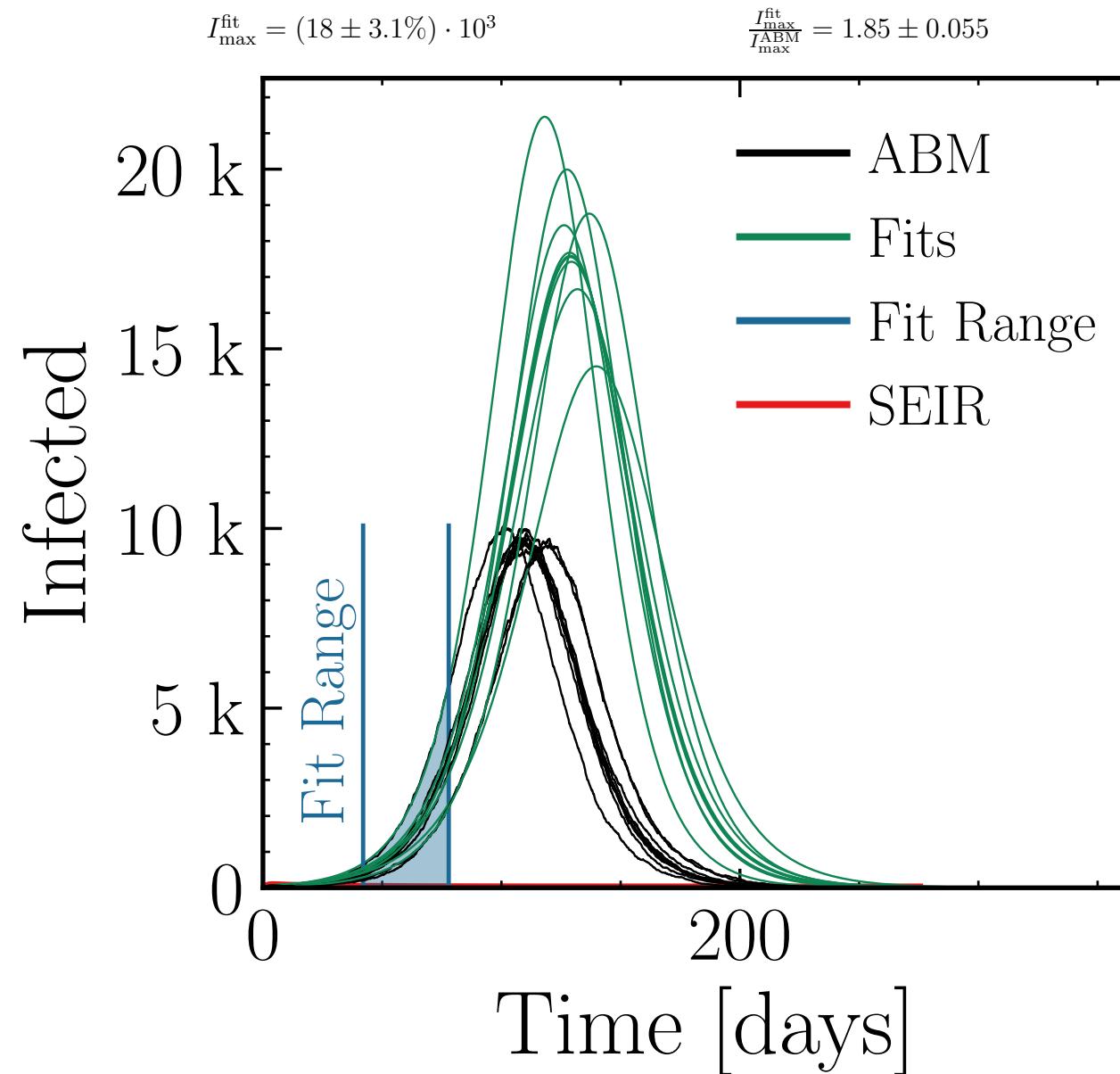


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = ff6b5709cf, #10

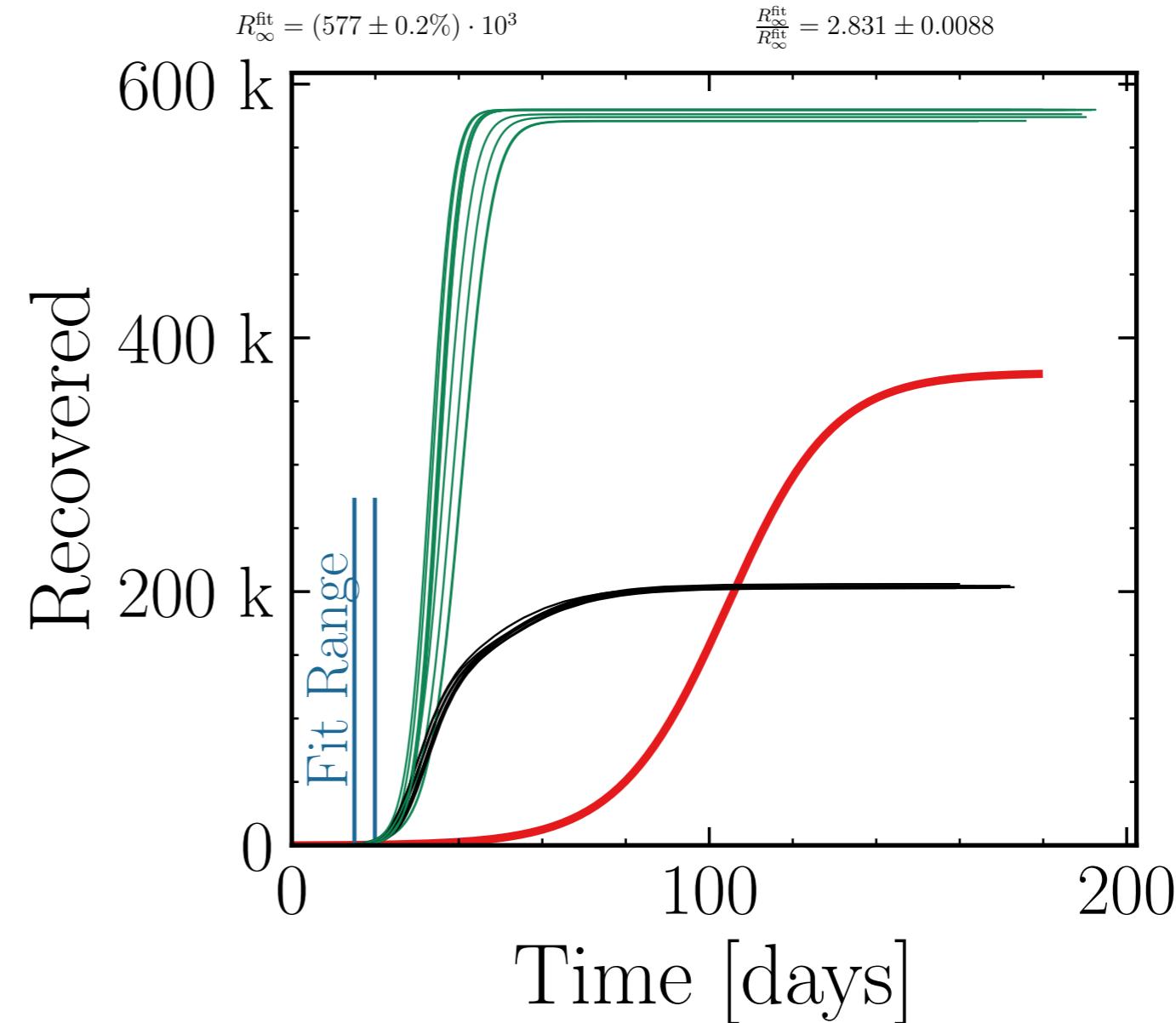
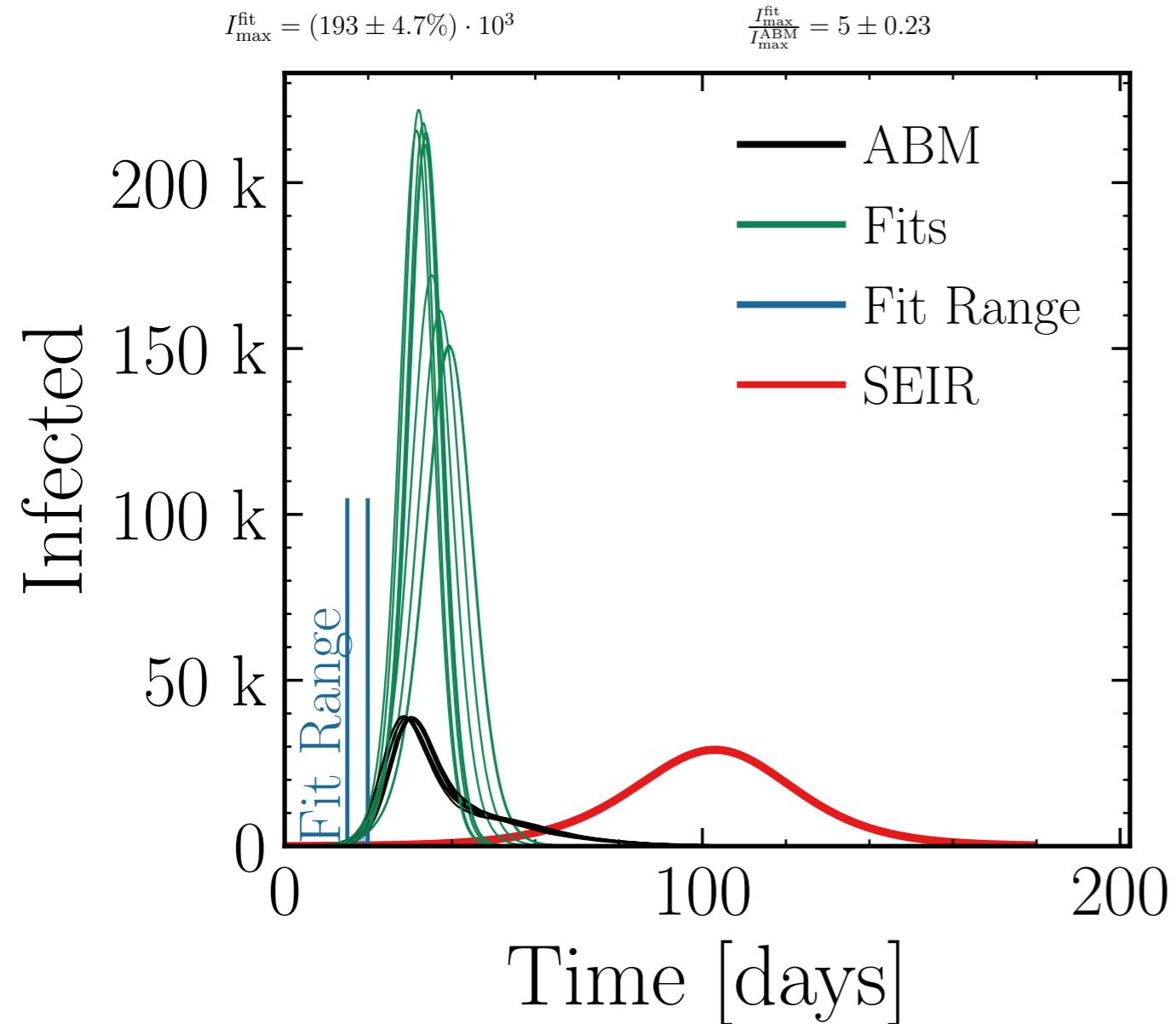


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 0217a125b5, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 746fa593ce, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

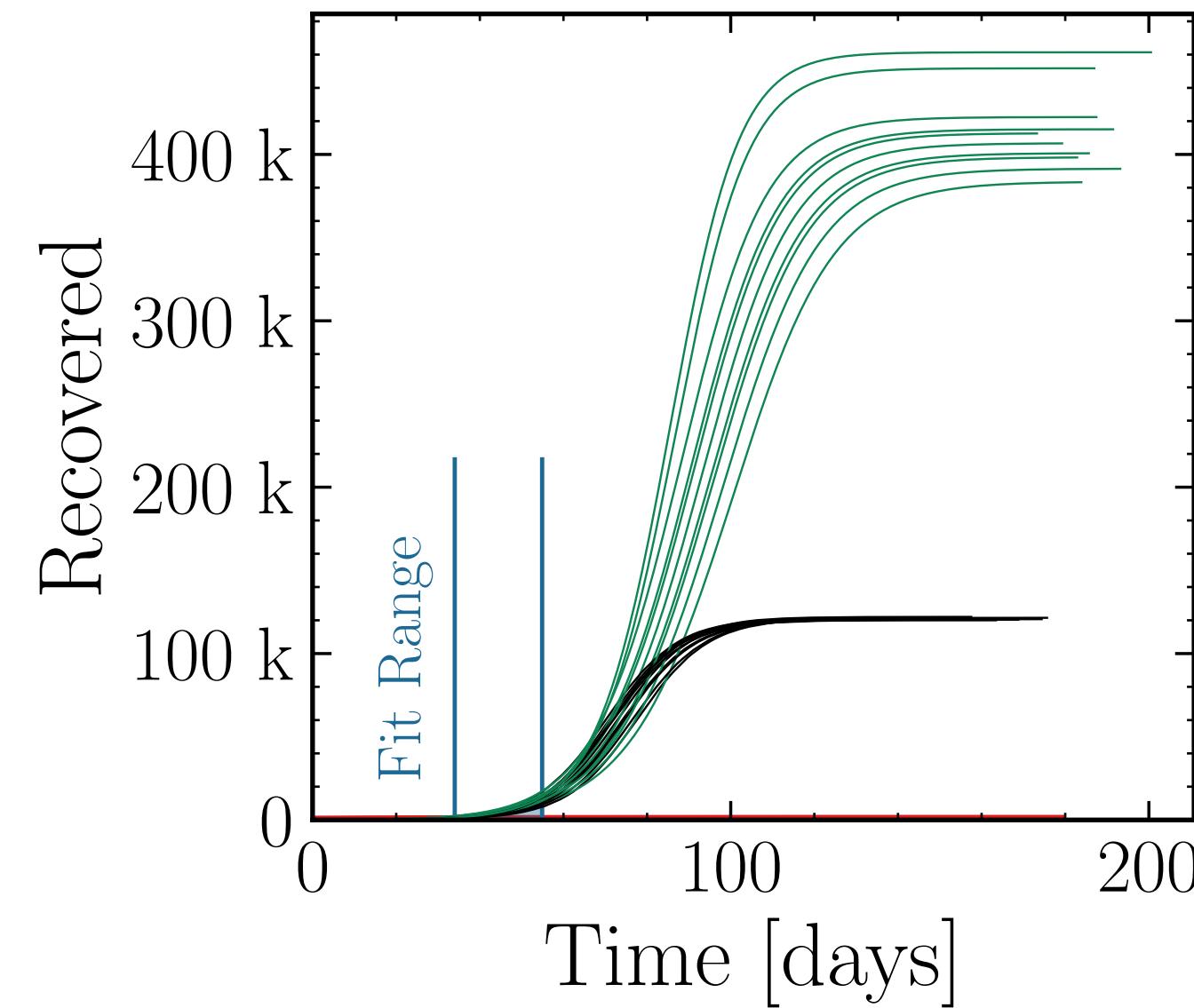
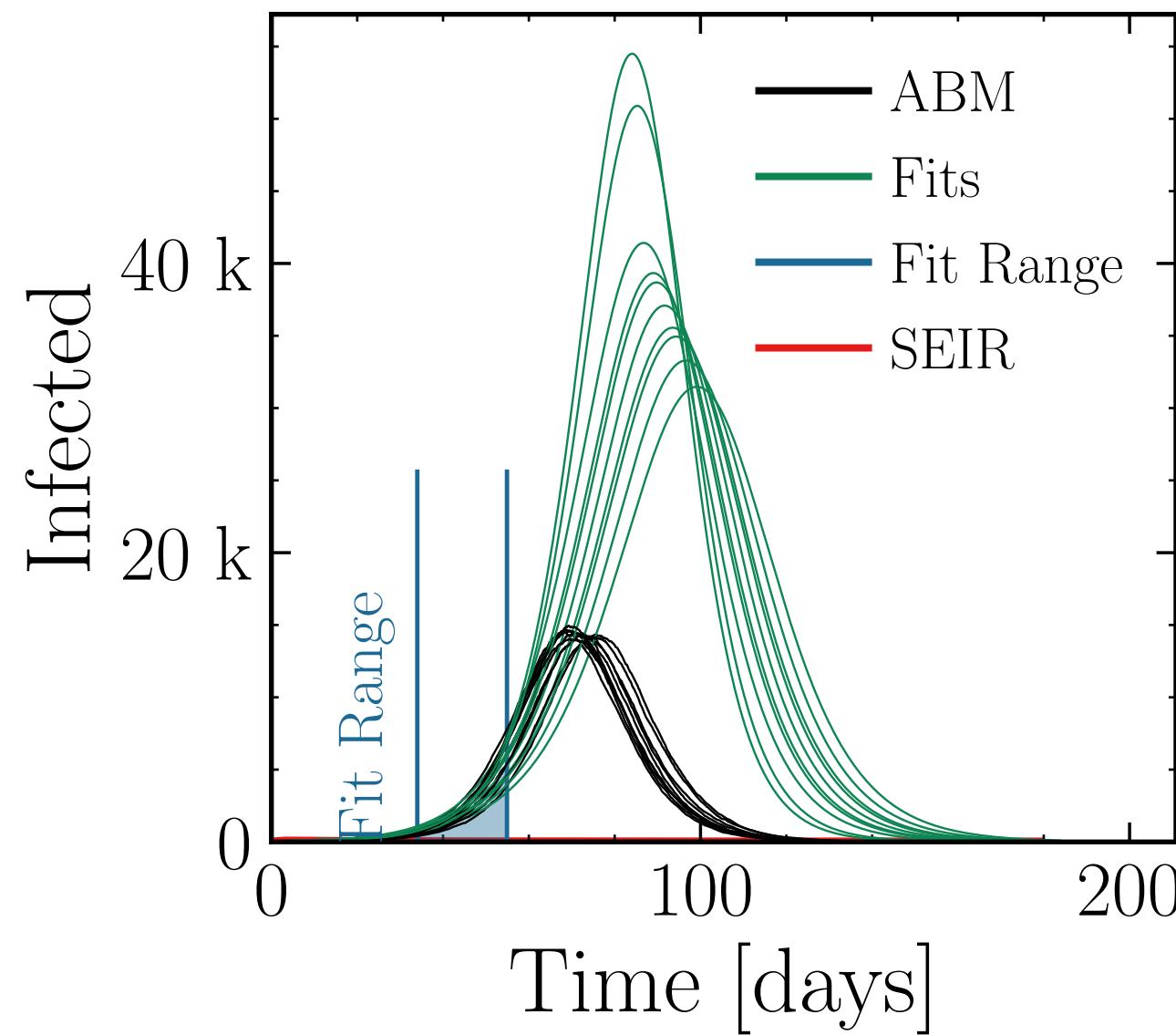
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d8427476ae, #10

$$I_{\text{max}}^{\text{fit}} = (40 \pm 5.7\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 2.8 \pm 0.16$$

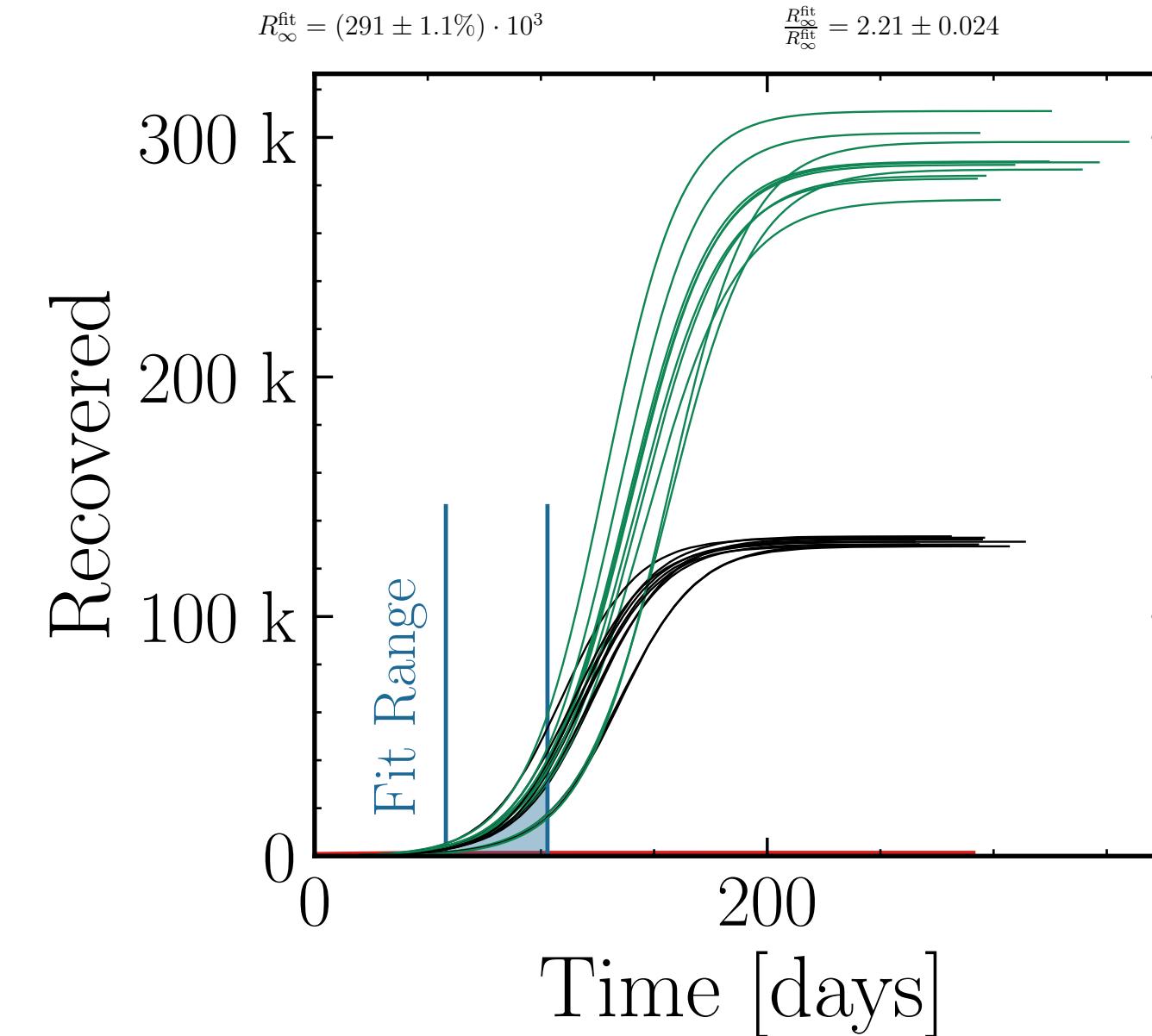
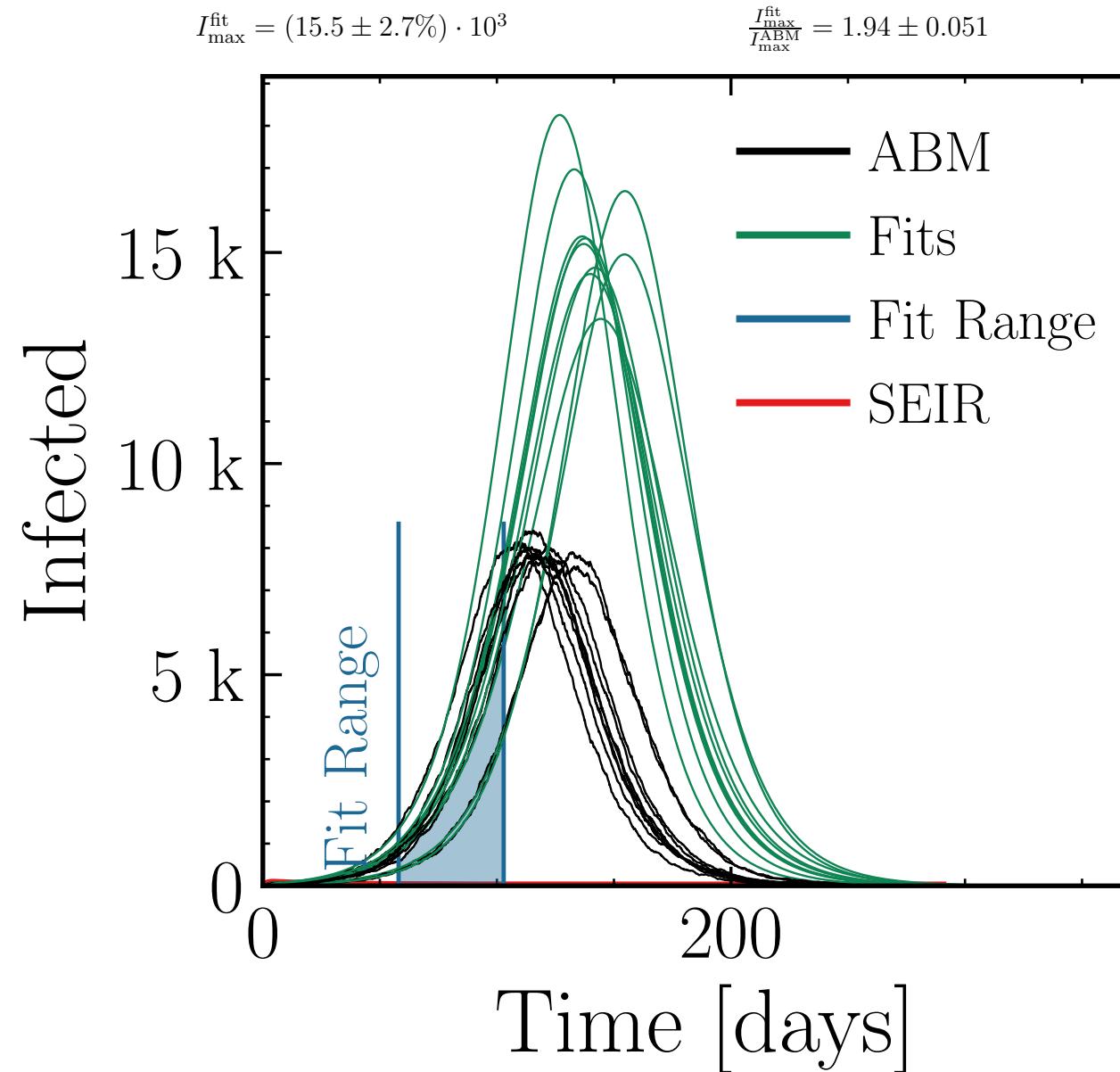
$$R_{\infty}^{\text{fit}} = (414 \pm 1.8\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 3.43 \pm 0.065$$

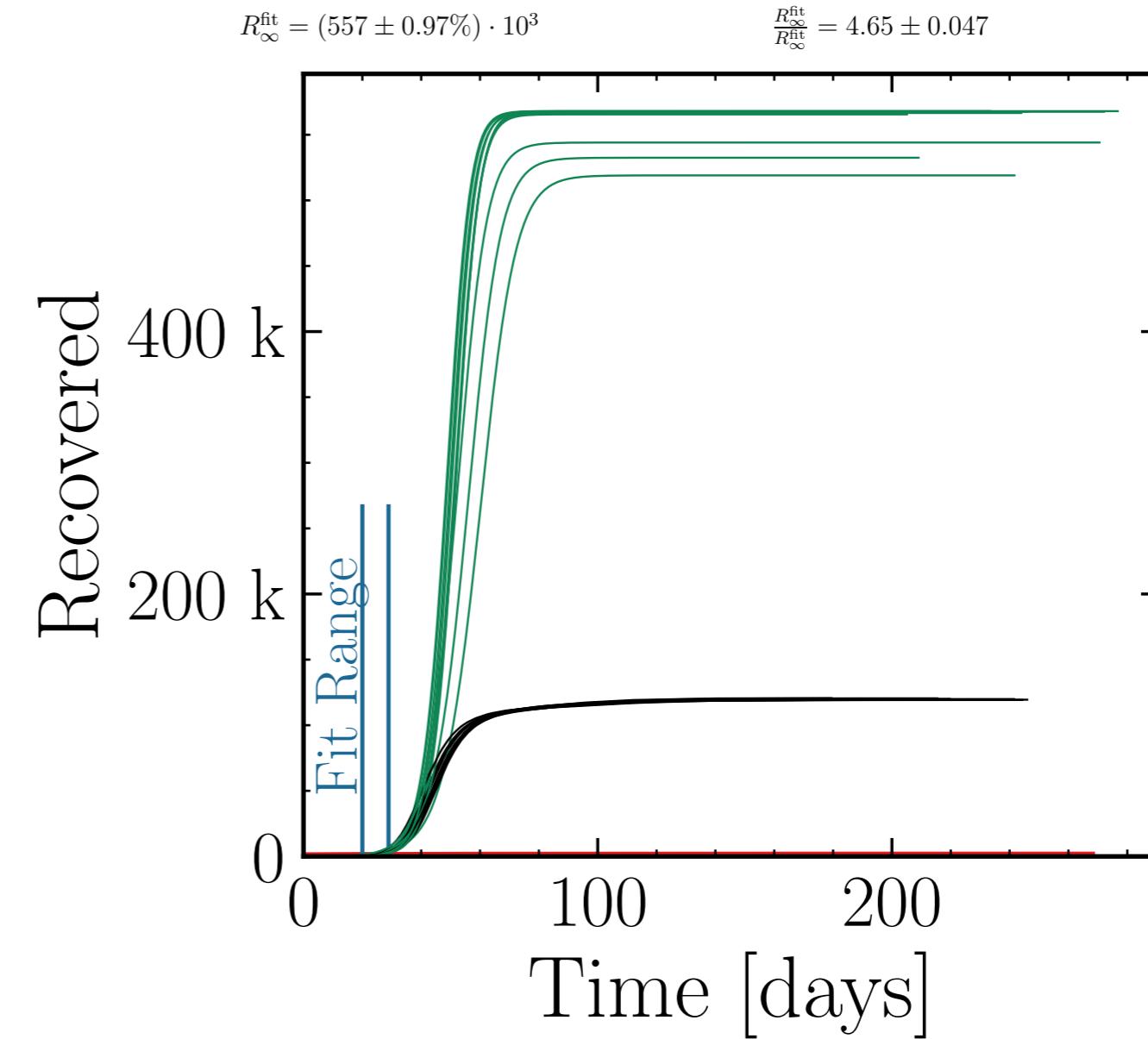
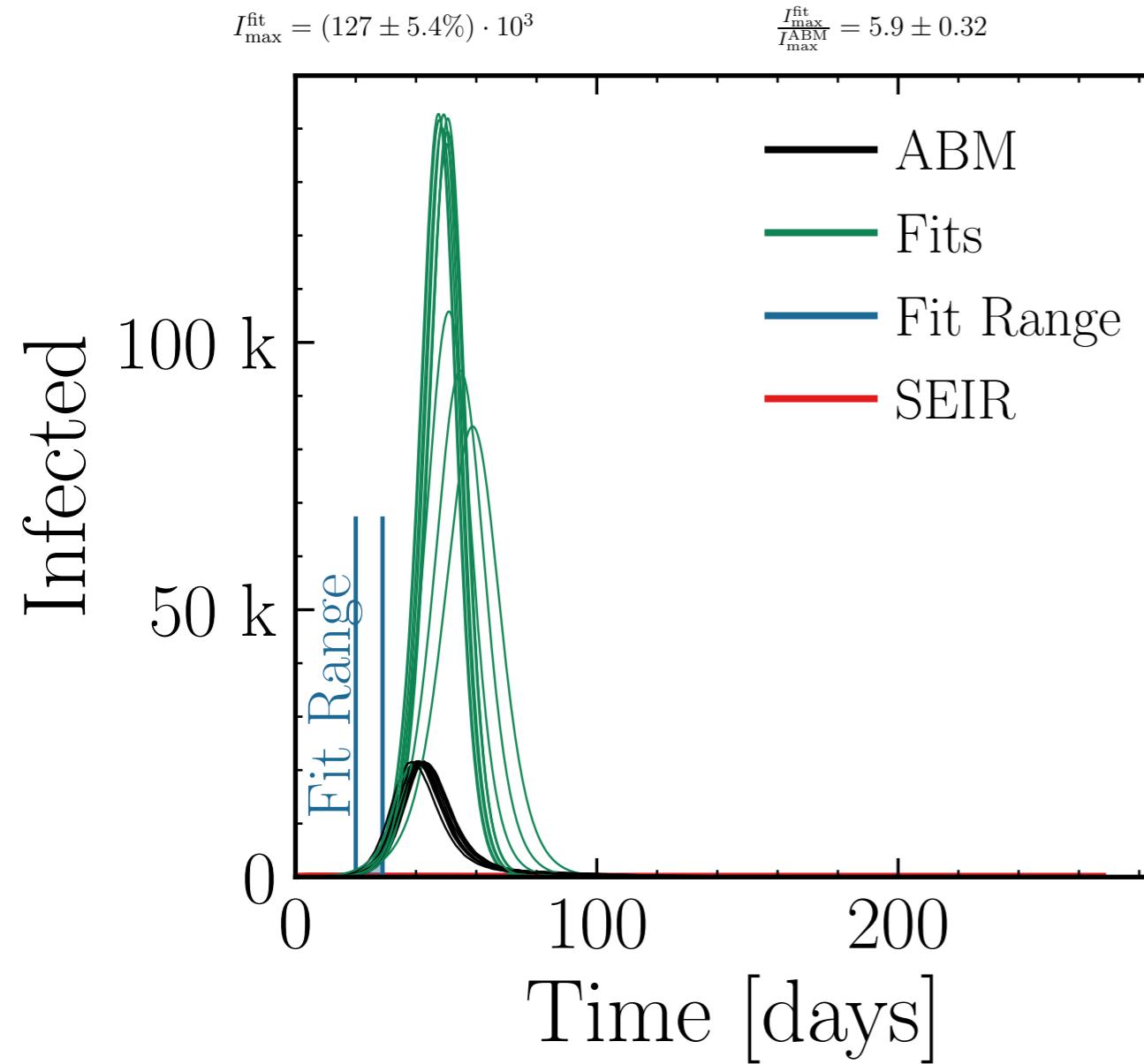


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

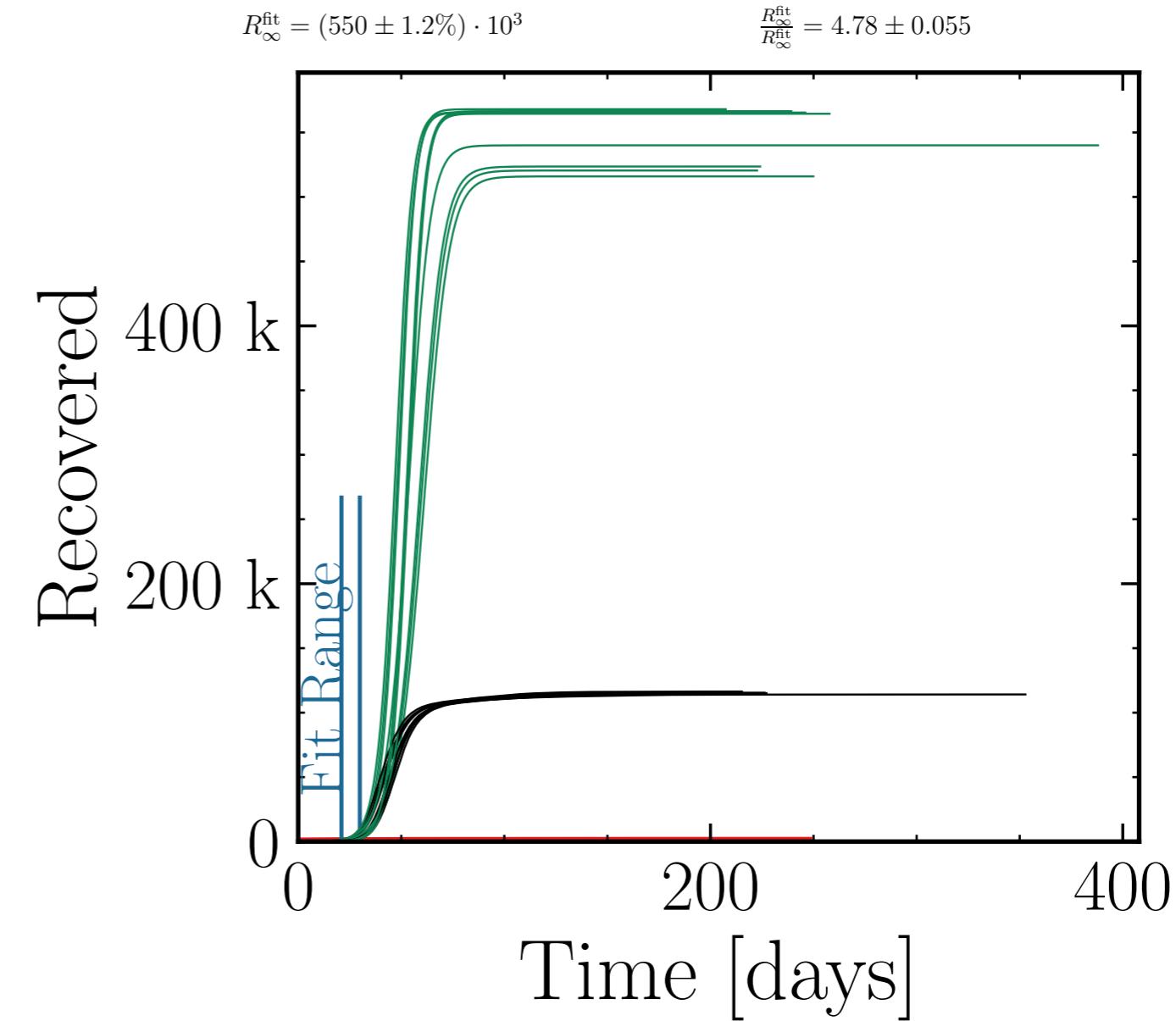
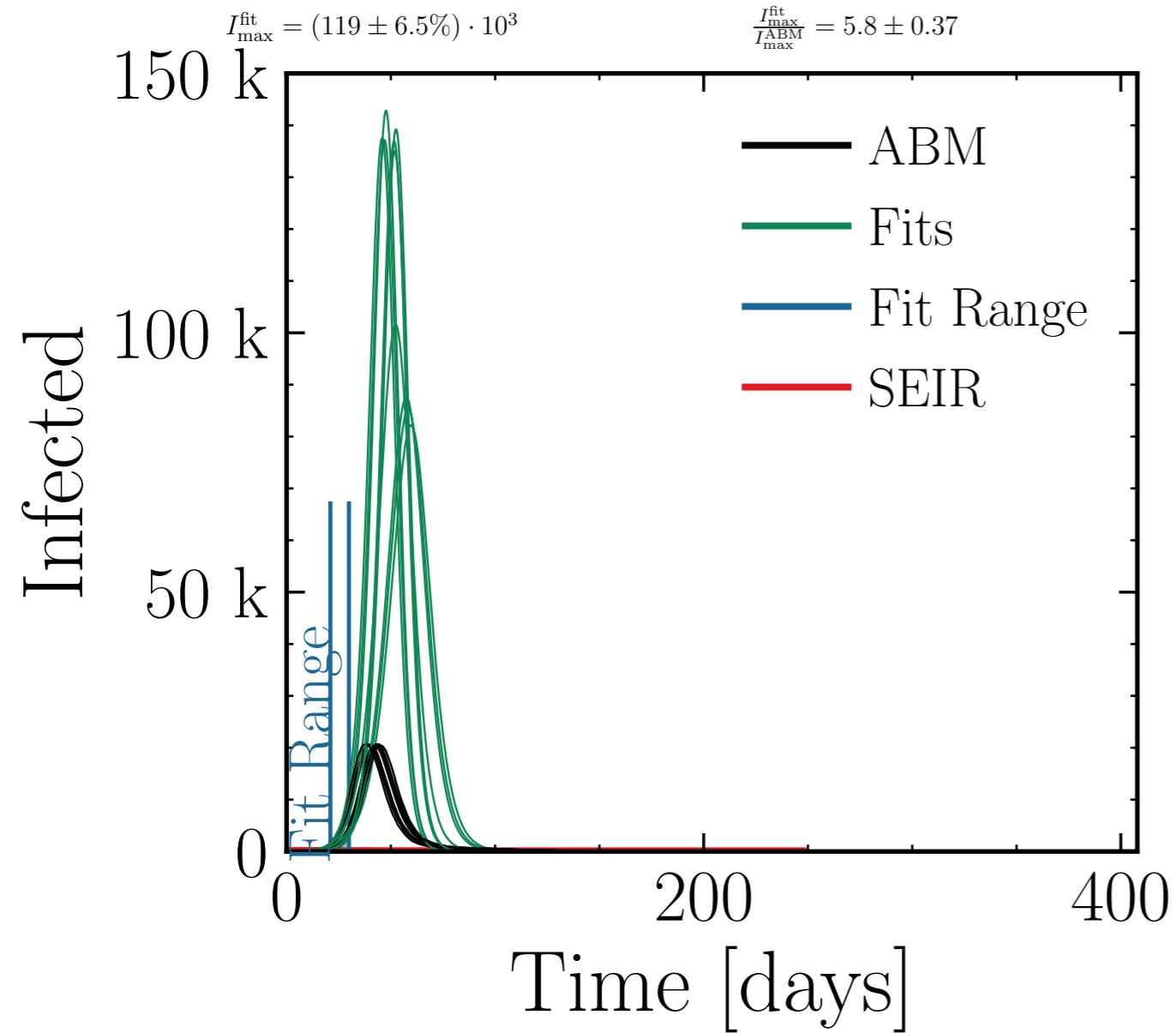
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5e000b06a4, #10



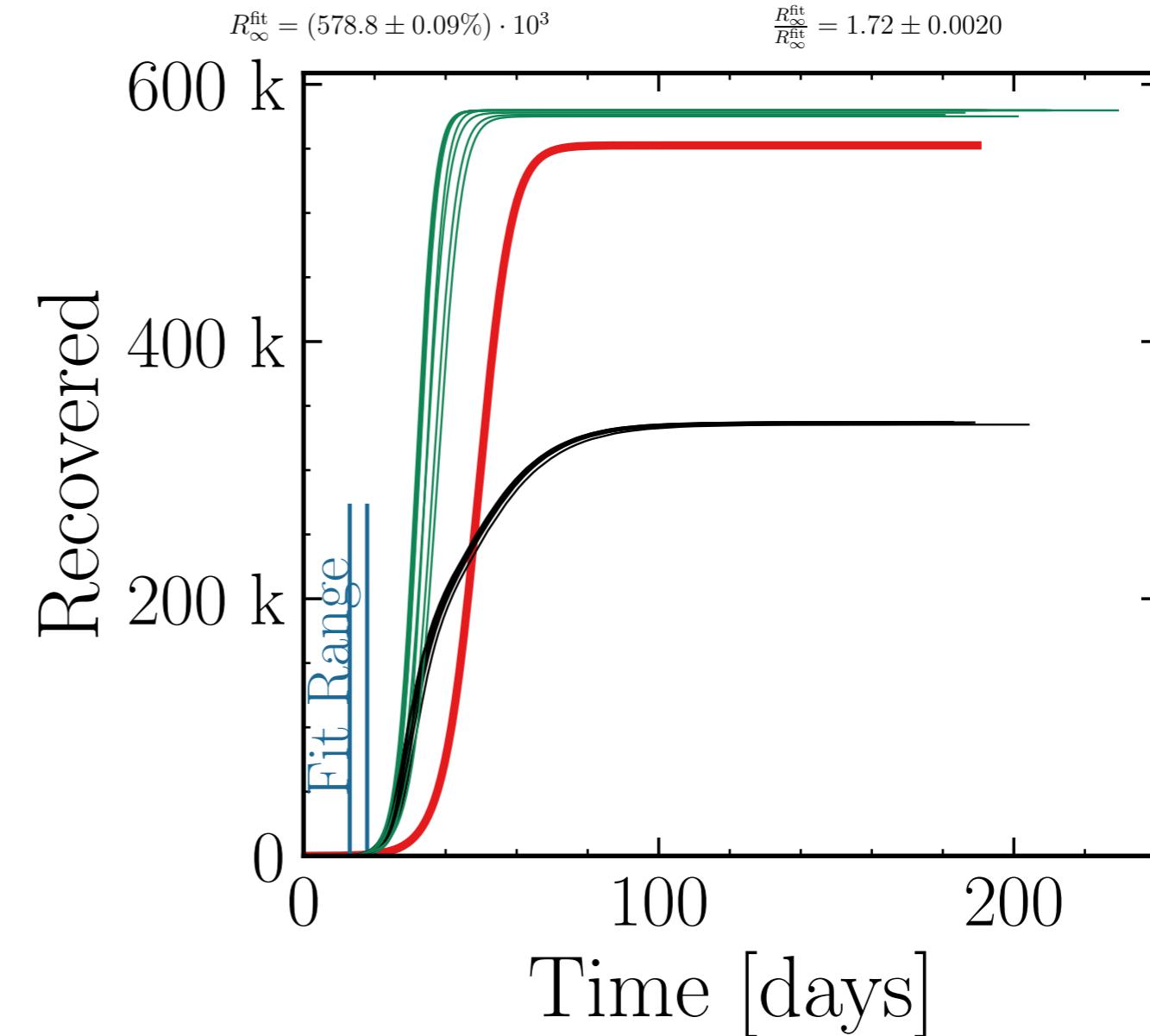
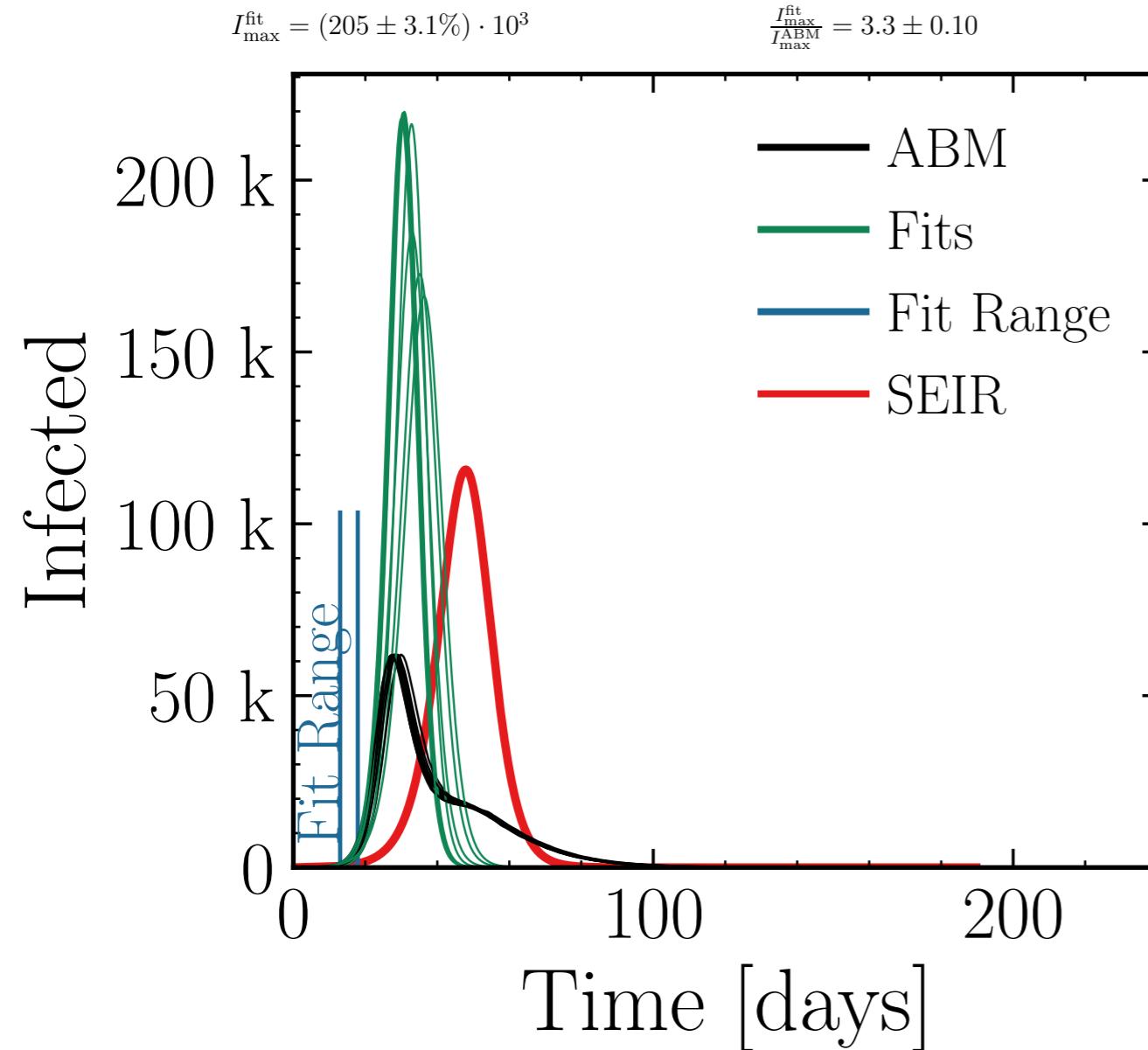
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 9e0fc1ab6b, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.02$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 4d6fb29b2, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b470c1b38e, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

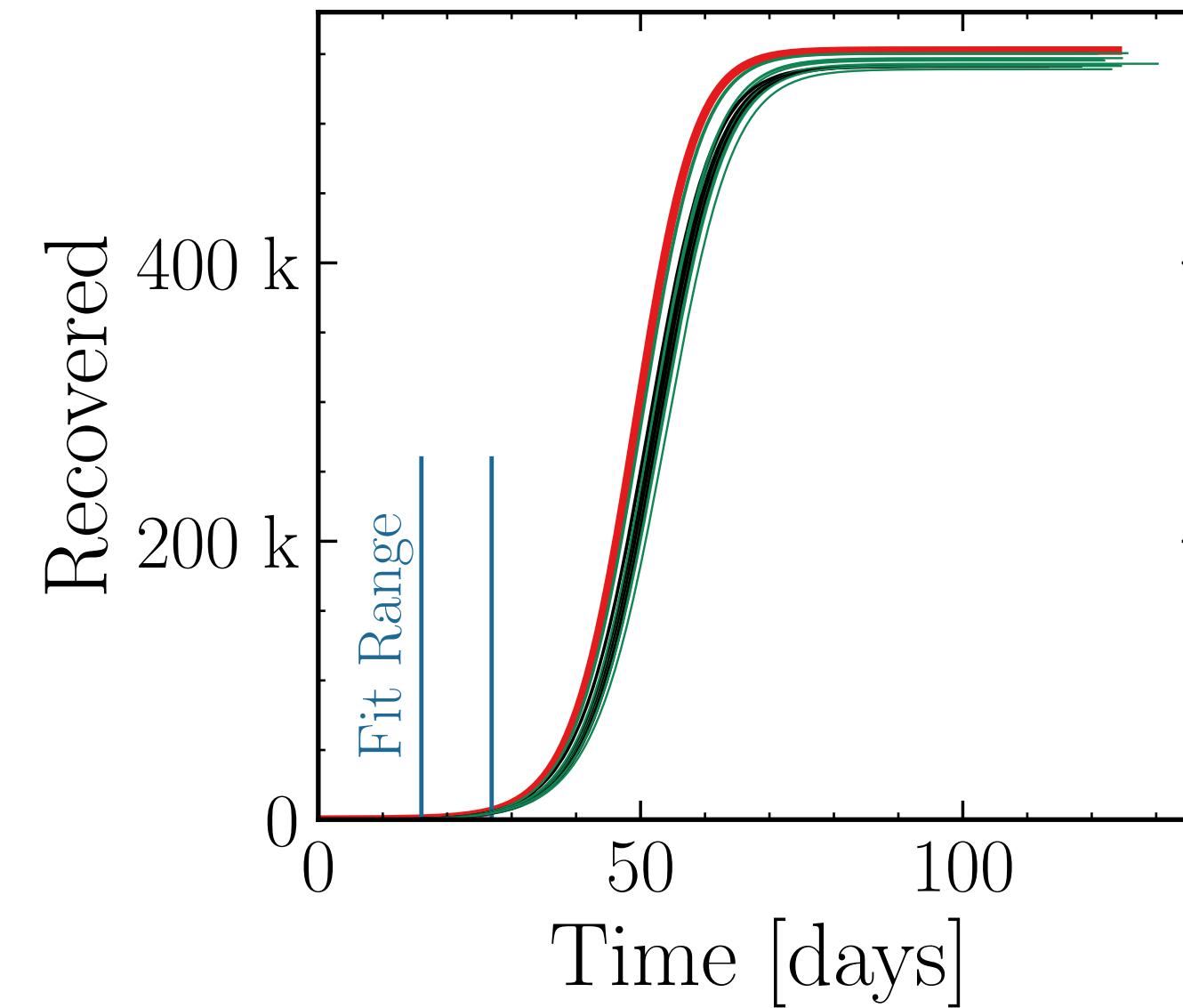
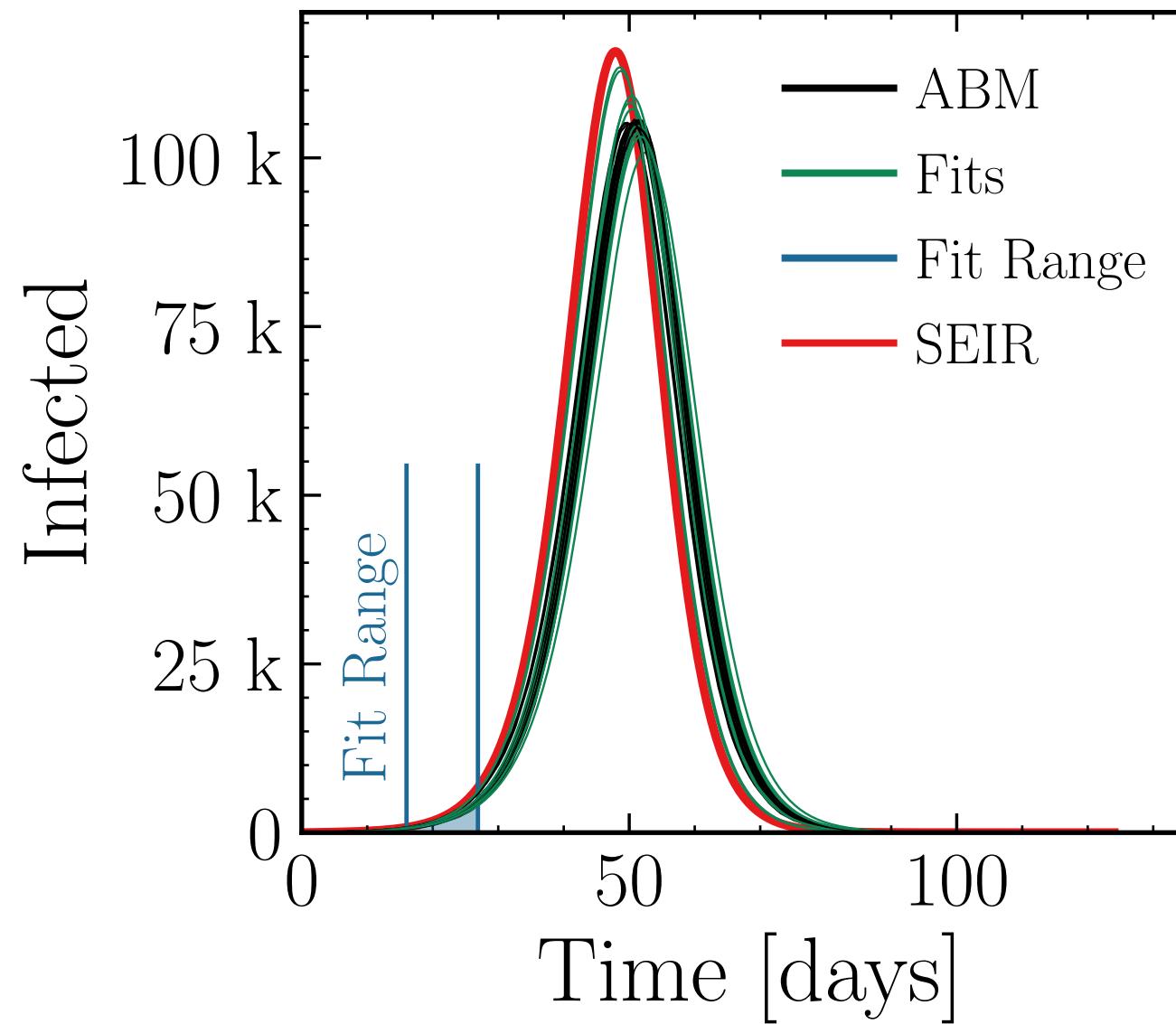
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 16feb586b5, #10

$$I_{\text{max}}^{\text{fit}} = (107 \pm 1.2\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{max}}} = 1.01 \pm 0.012$$

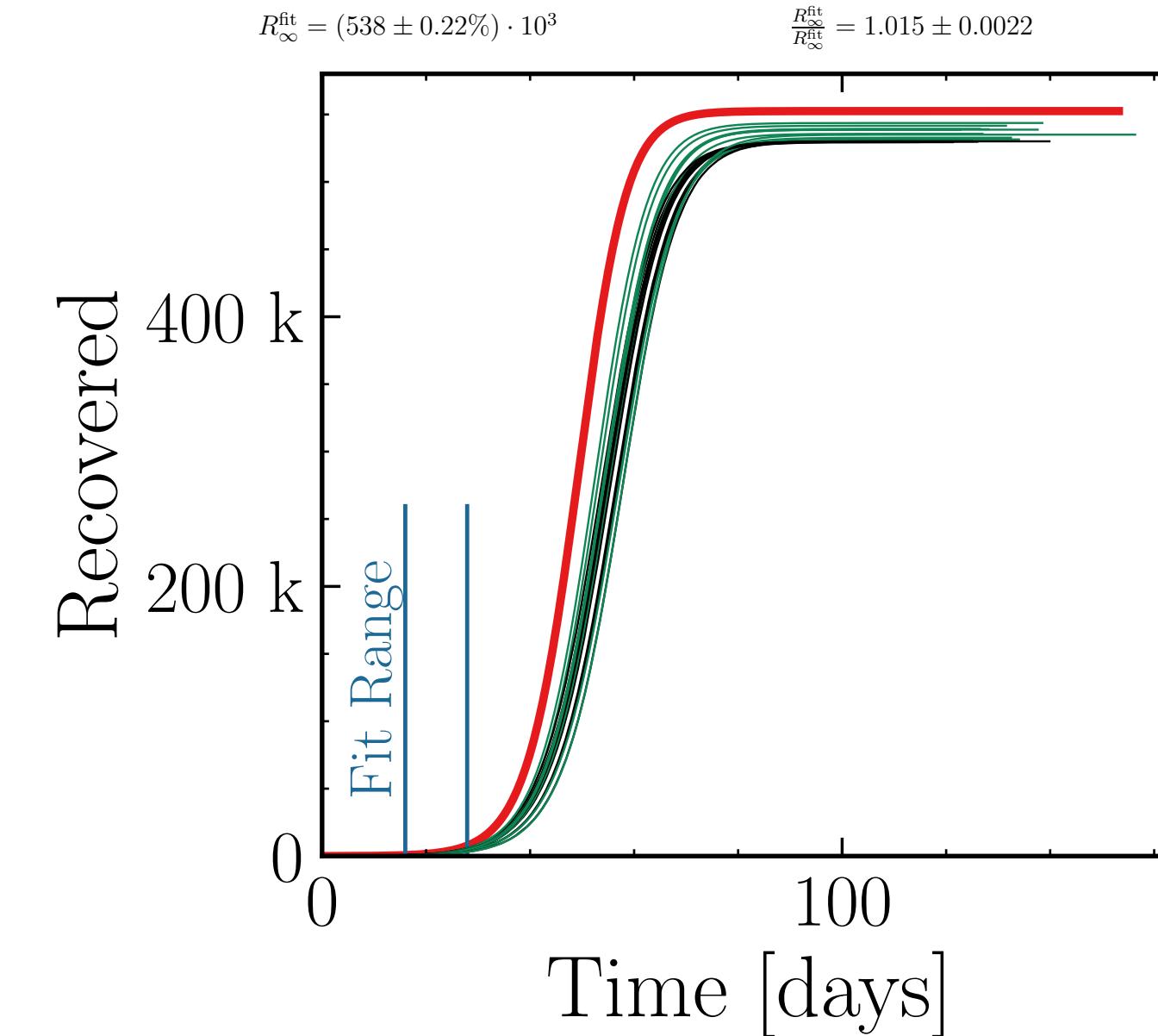
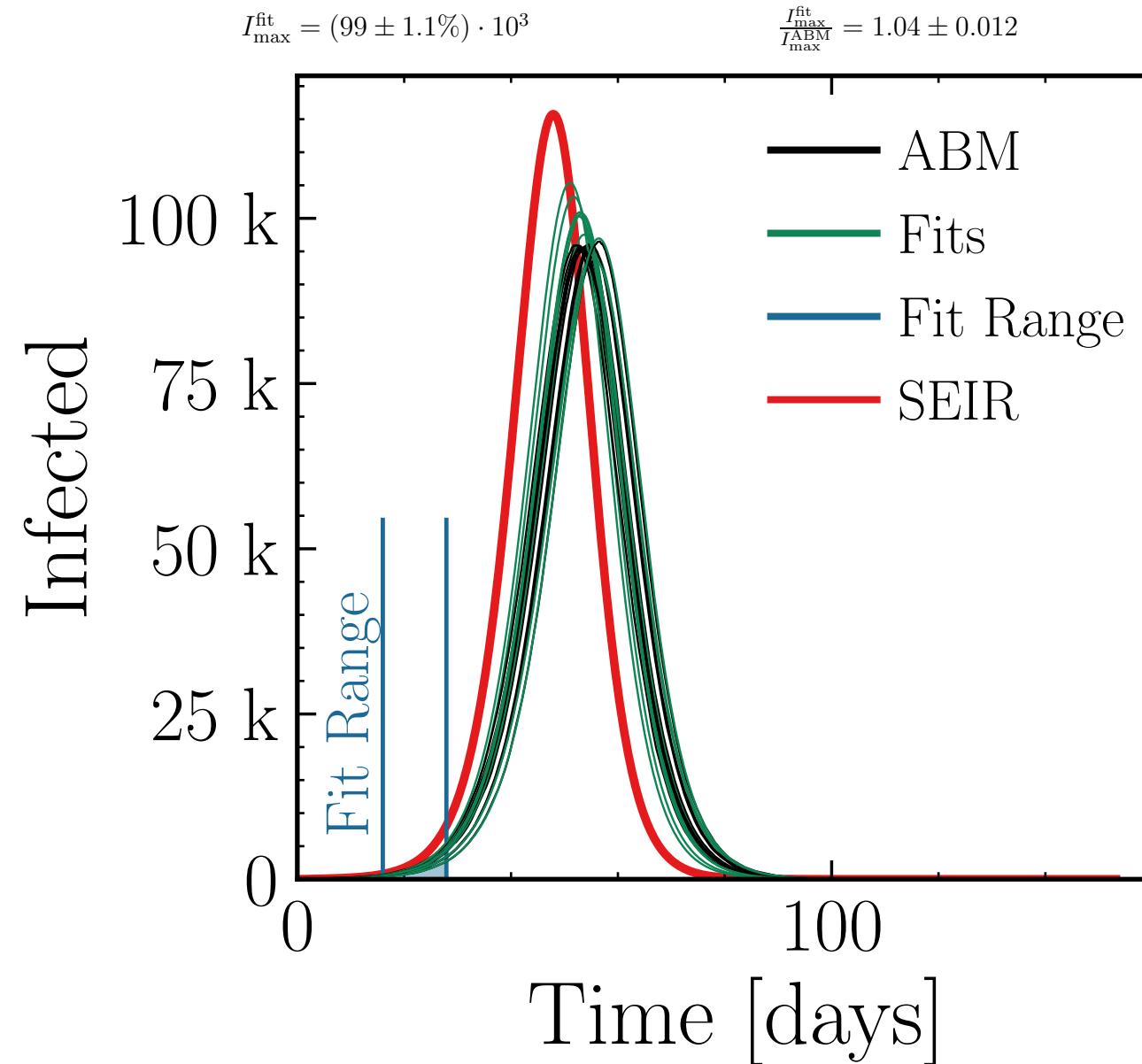
$$R_{\infty}^{\text{fit}} = (545 \pm 0.21\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.006 \pm 0.0021$$



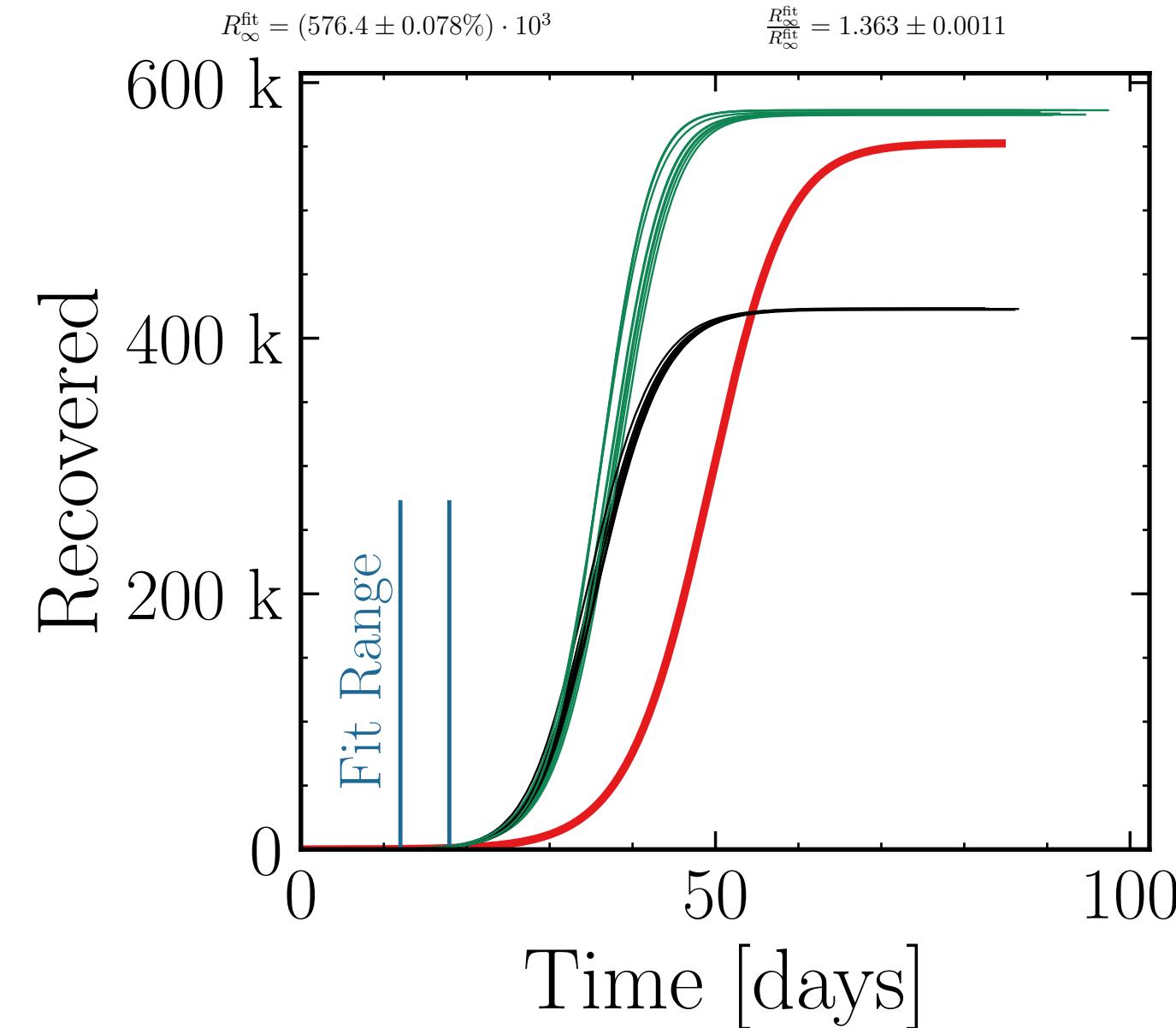
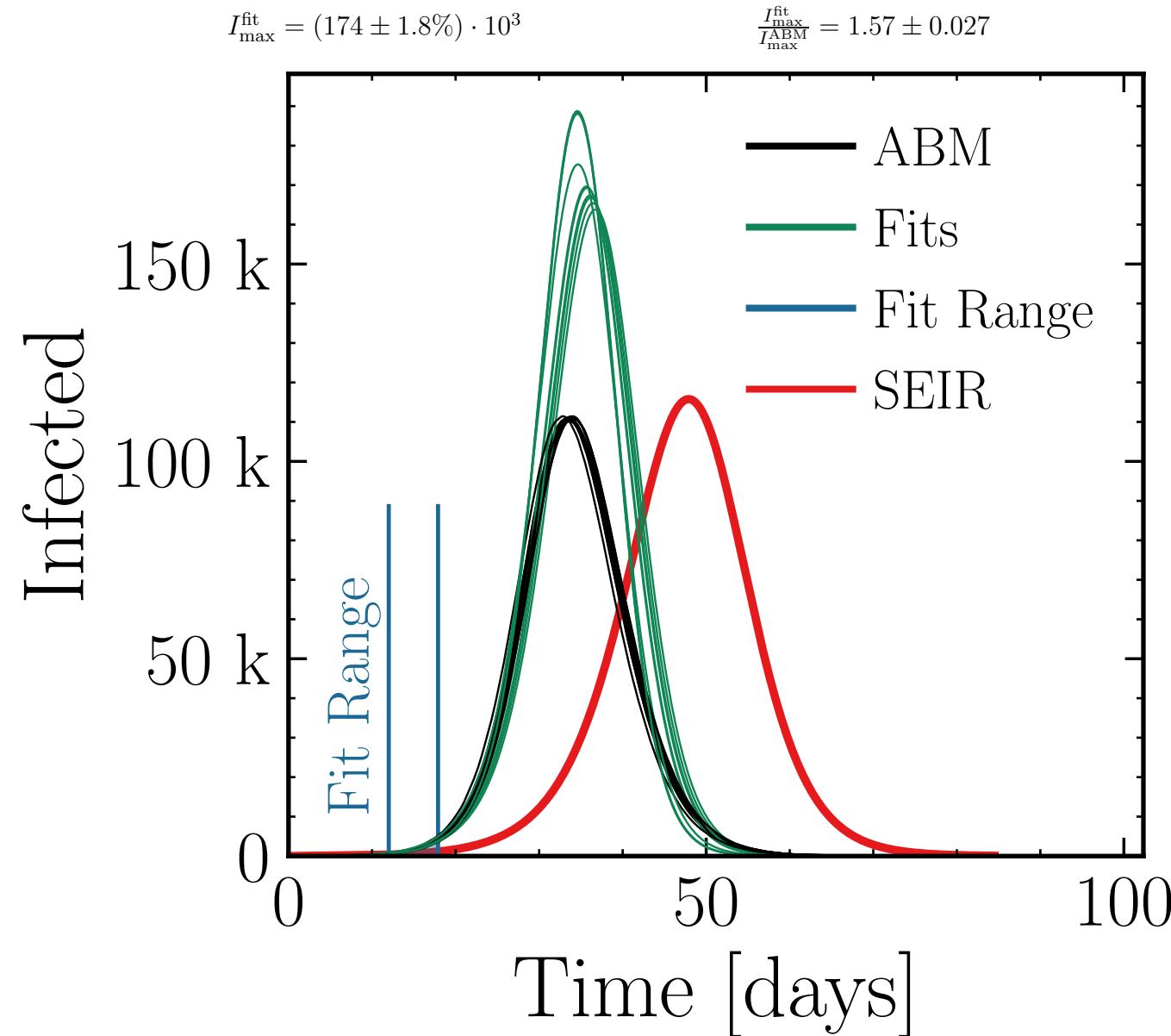
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 40433e1a1a, #10

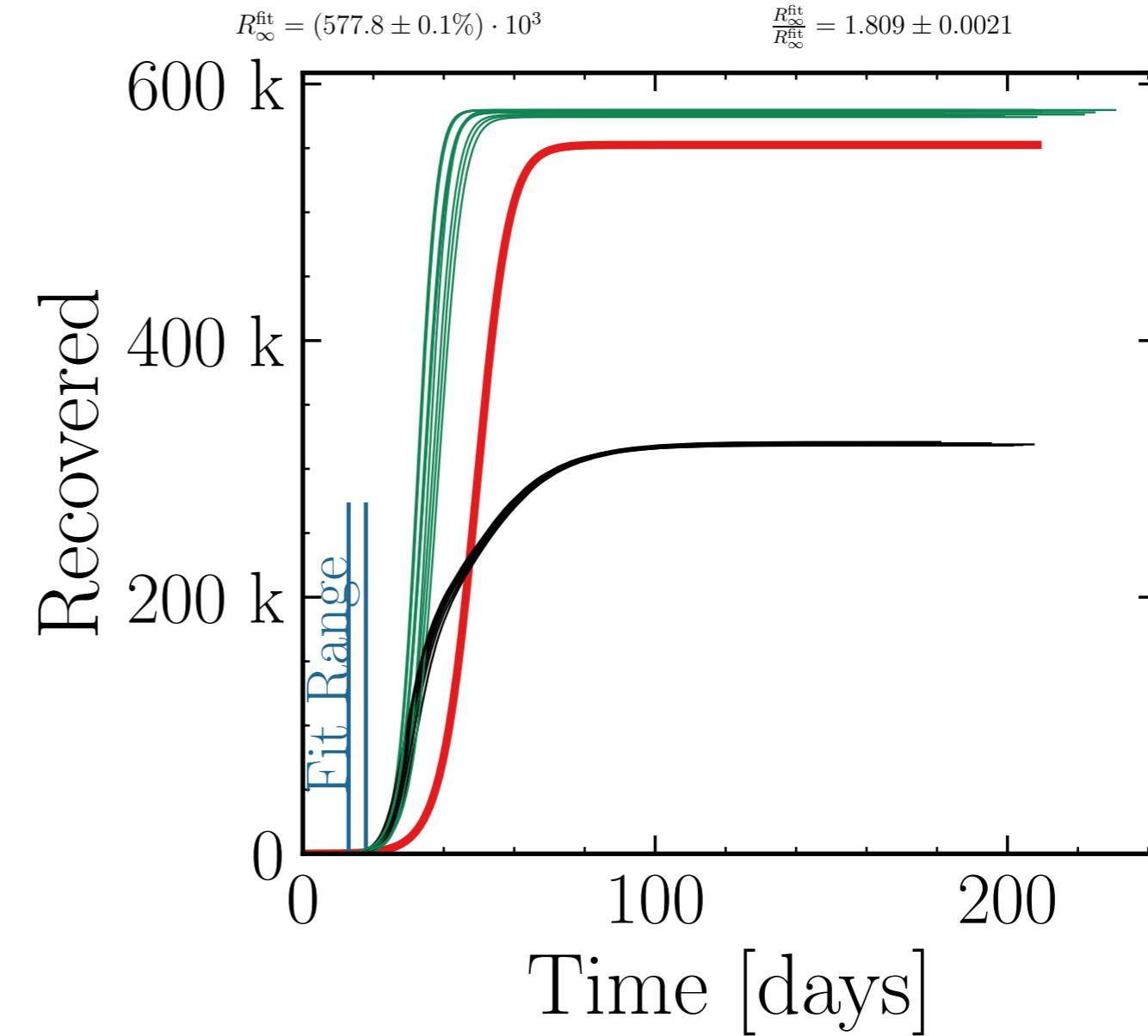
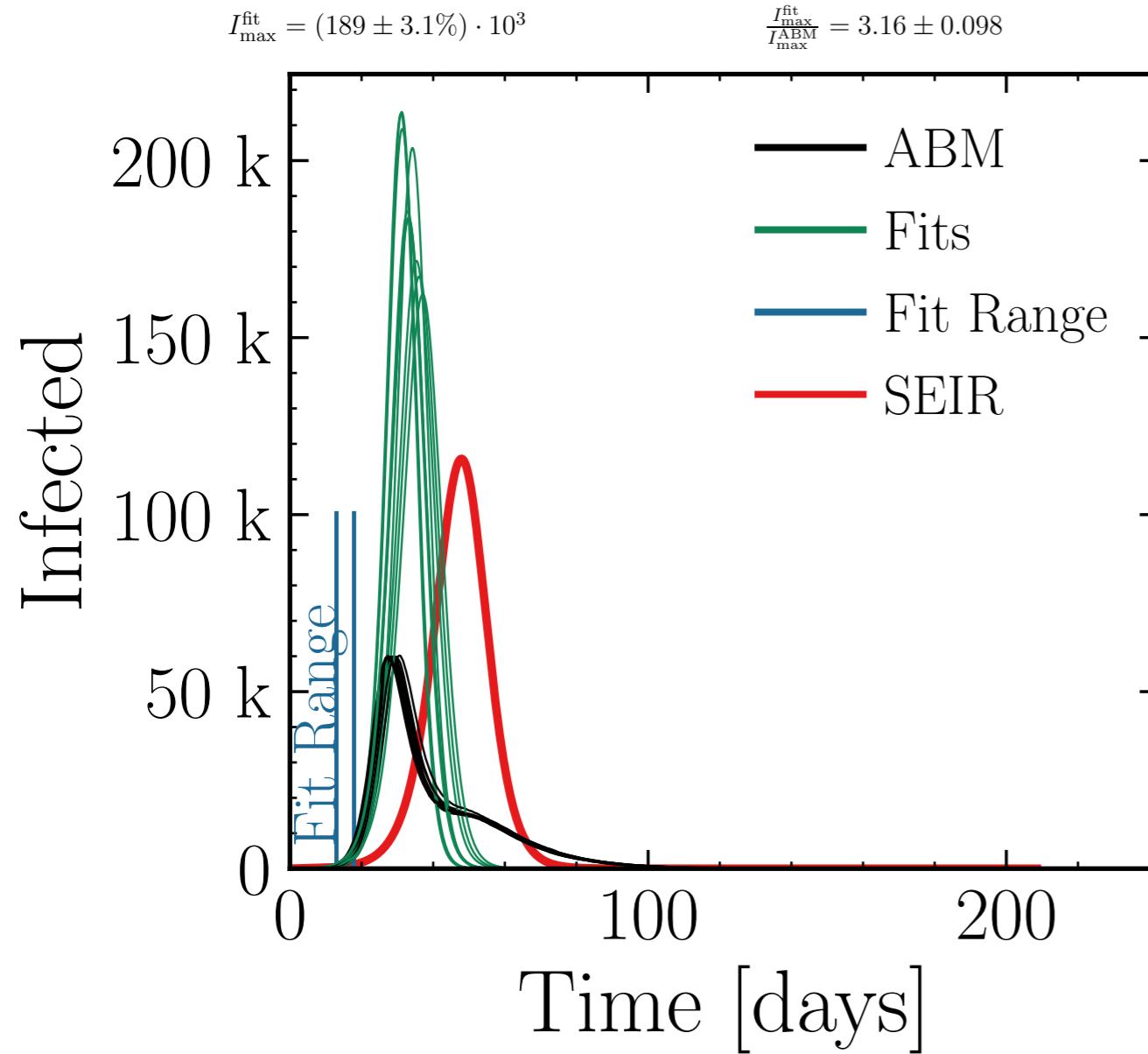


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = e87ef93eb1, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b71532c0db, #10

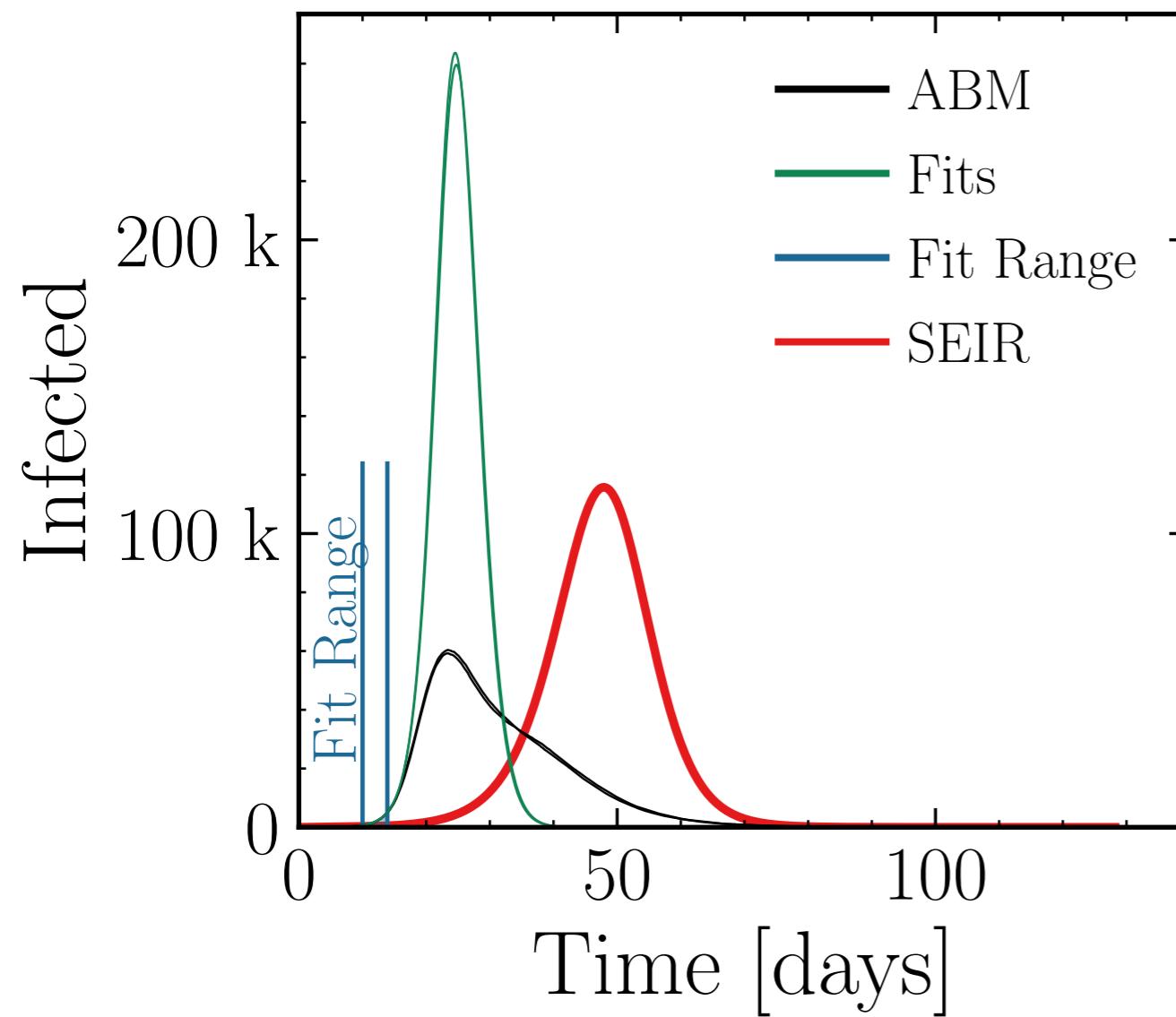


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 185b8d11af, #2

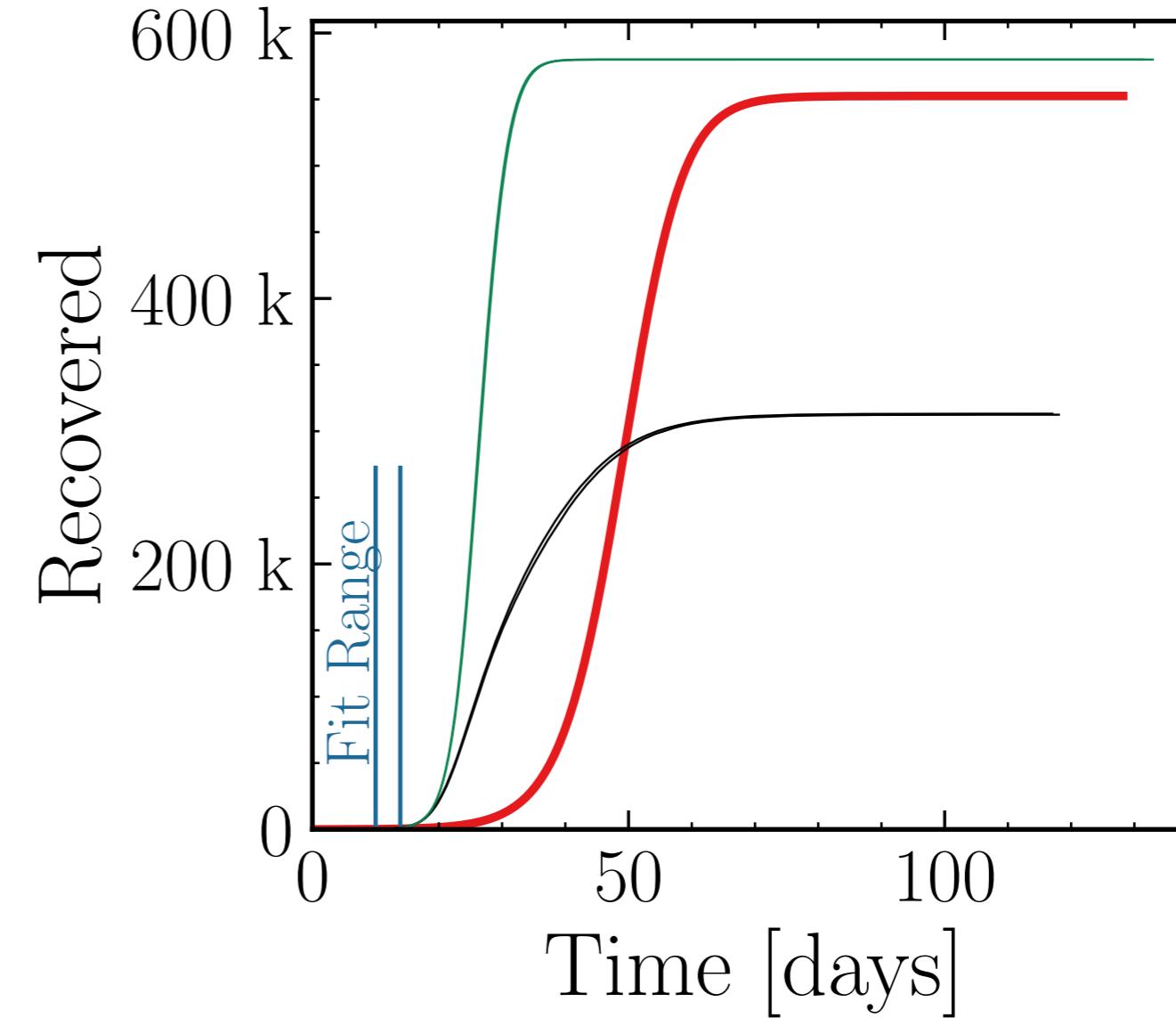
$$I_{\text{max}}^{\text{fit}} = (262 \pm 0.55\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 4.38 \pm 0.052$$



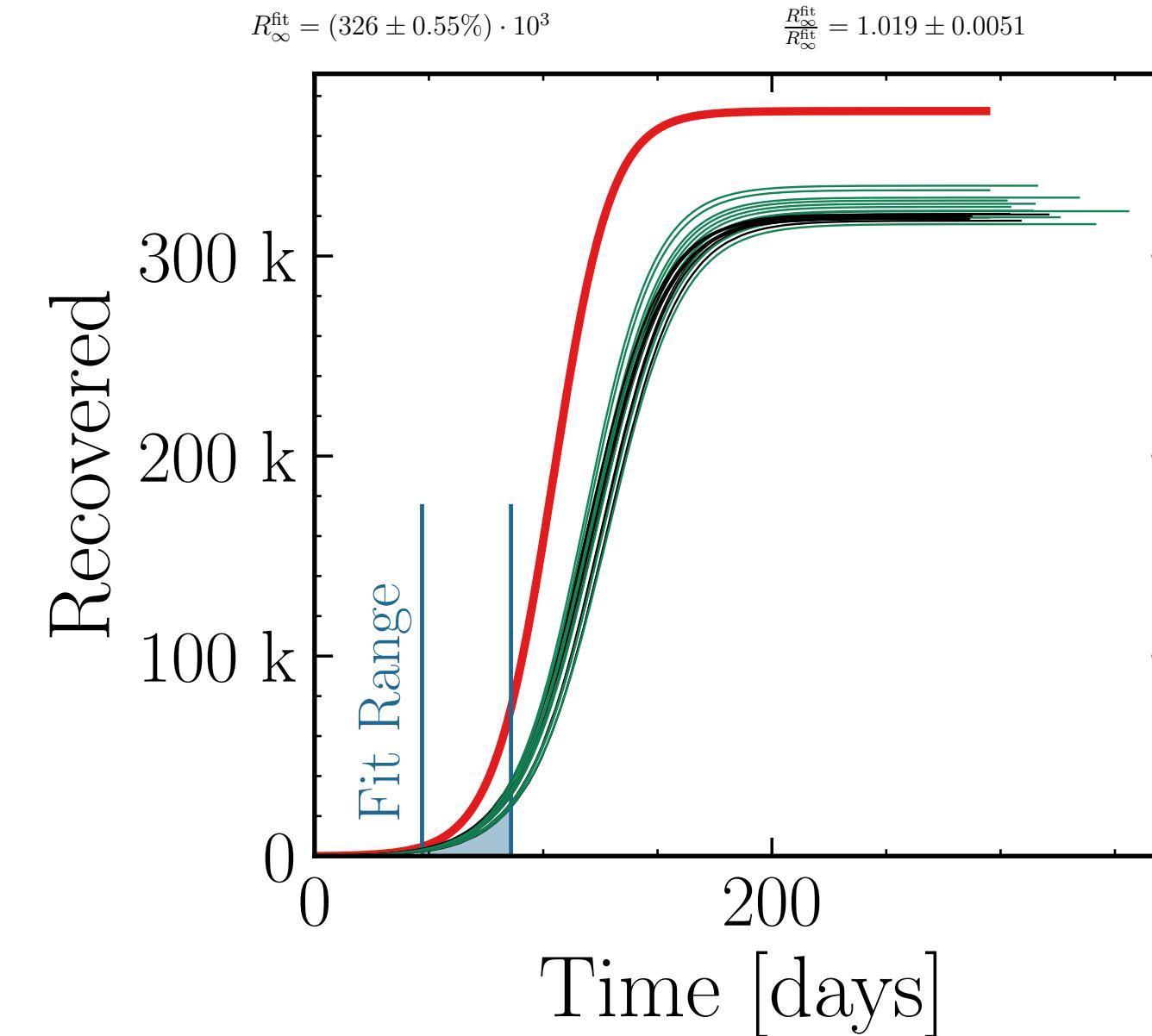
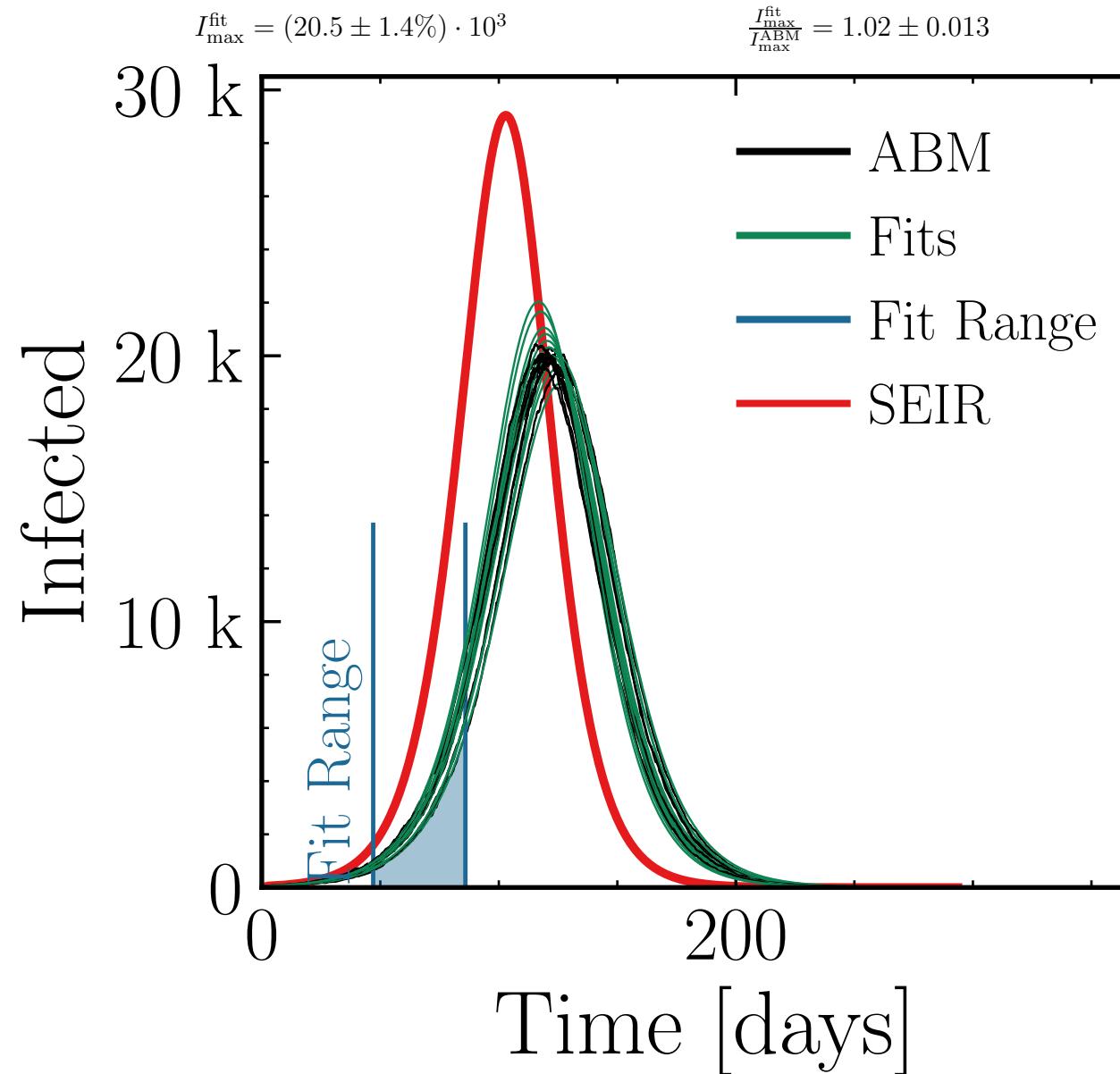
$$R_{\infty}^{\text{fit}} = (579.9995 \pm 3.8e-05\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.854 \pm 0.0016$$



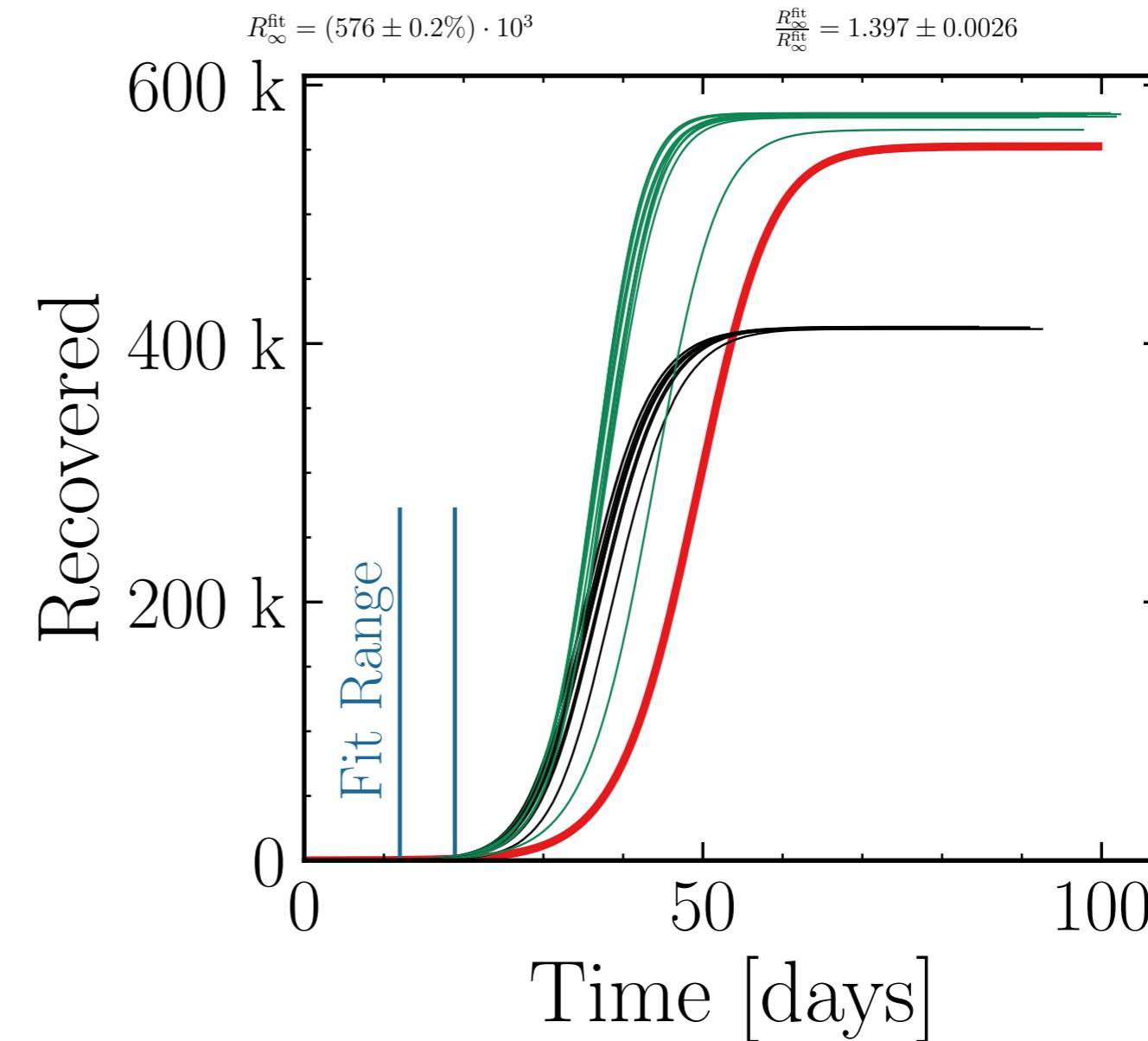
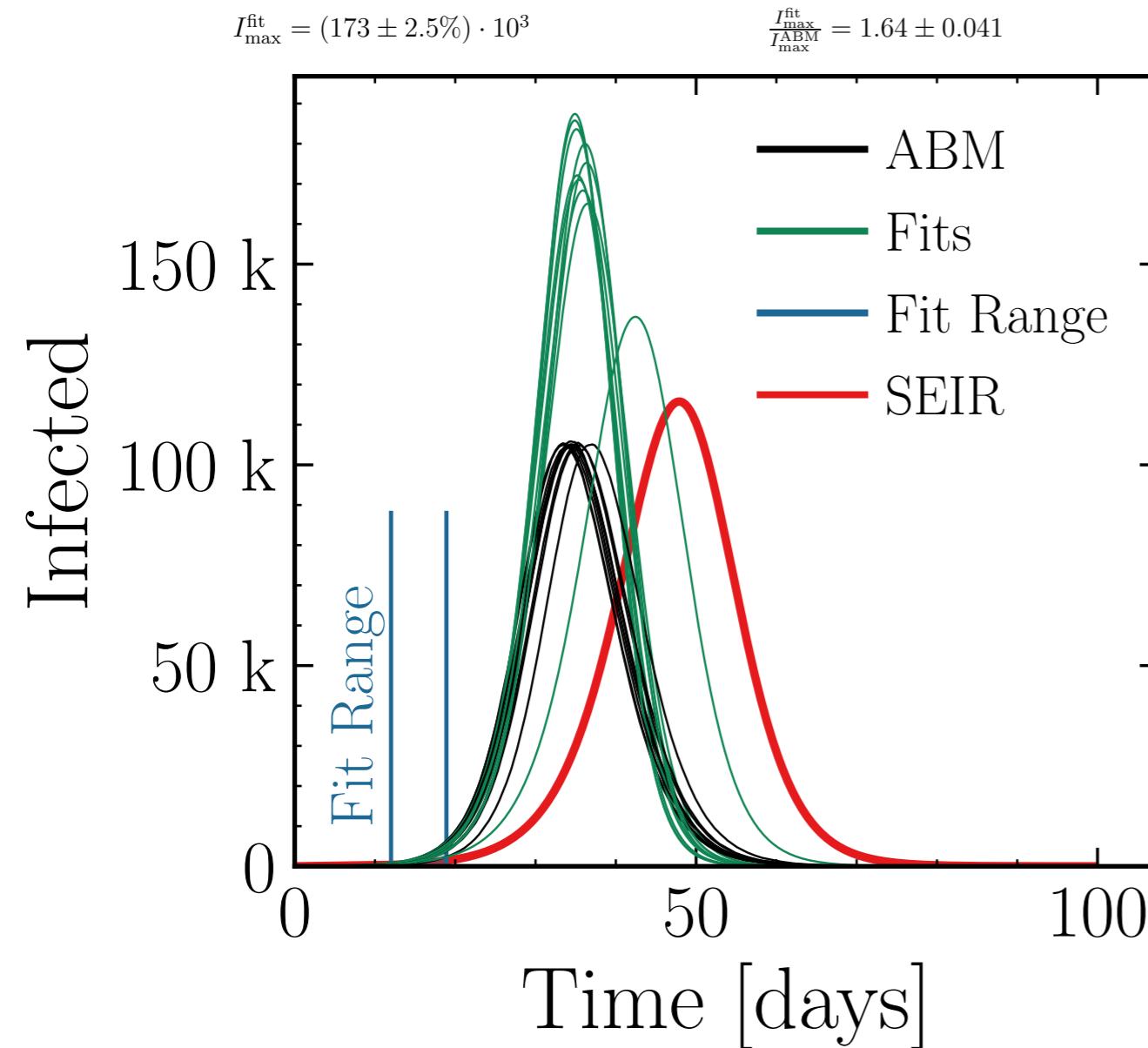
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5d1831f2b8, #10



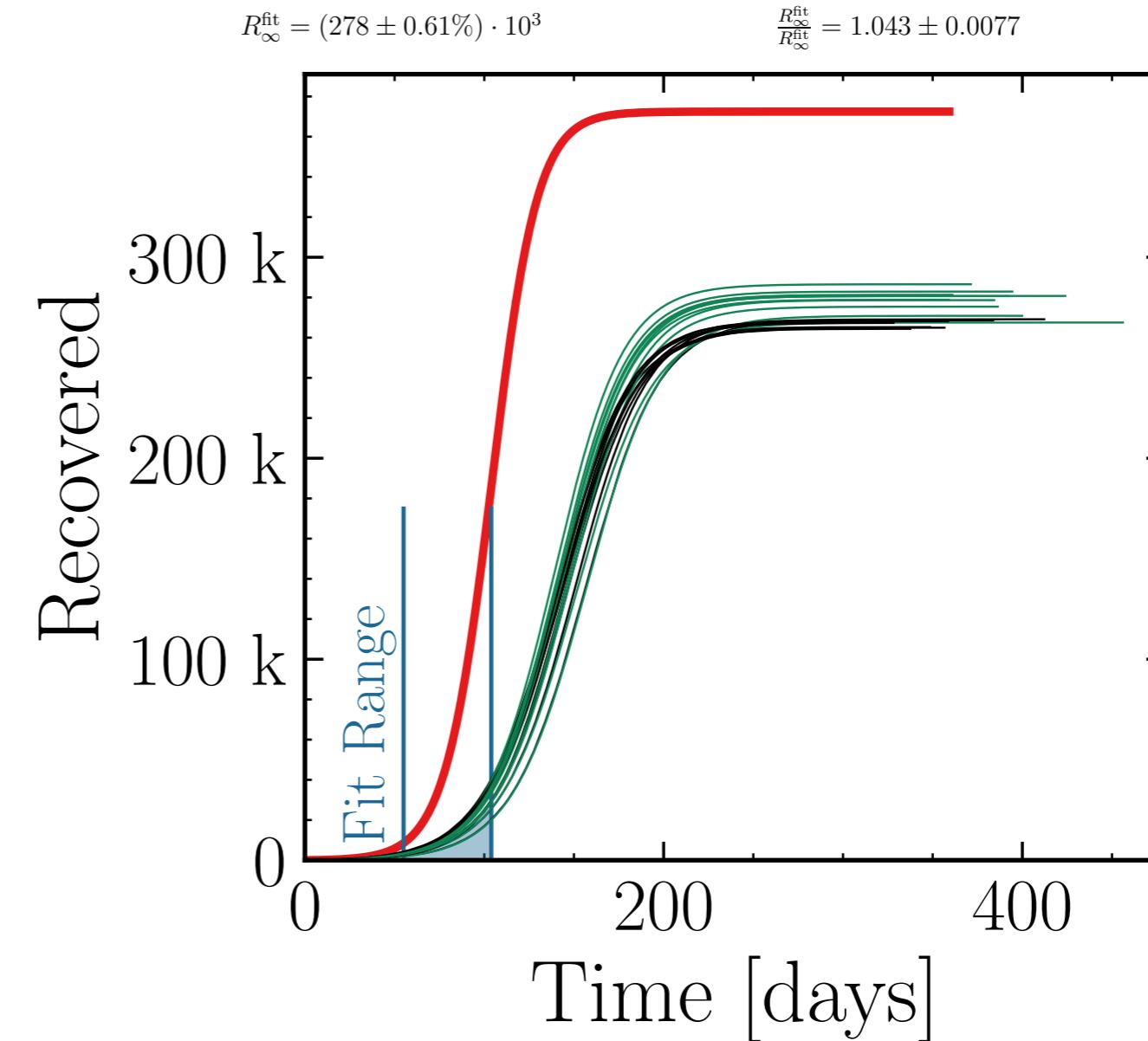
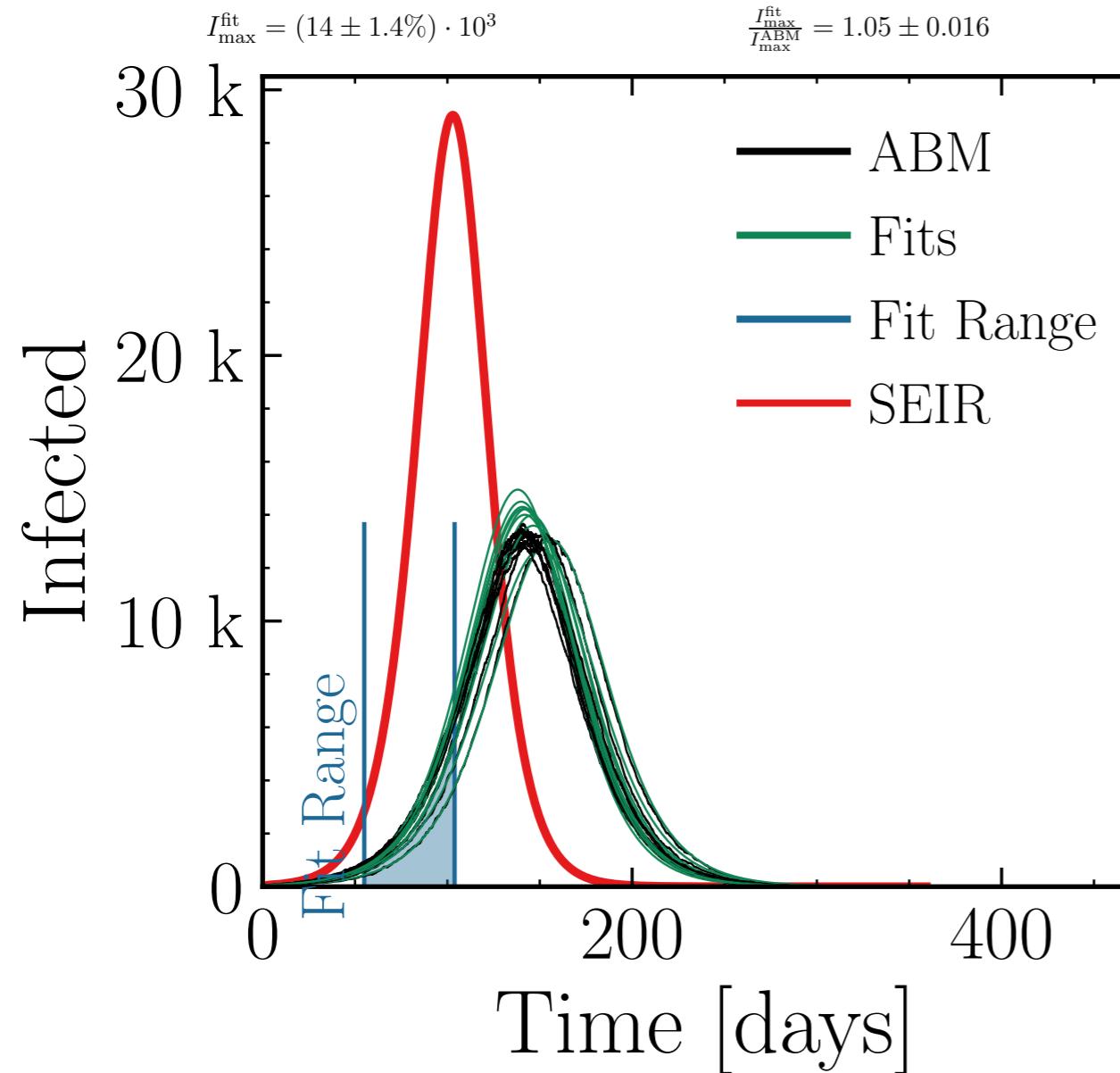
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 16dc3b9242, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5f057b024e, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

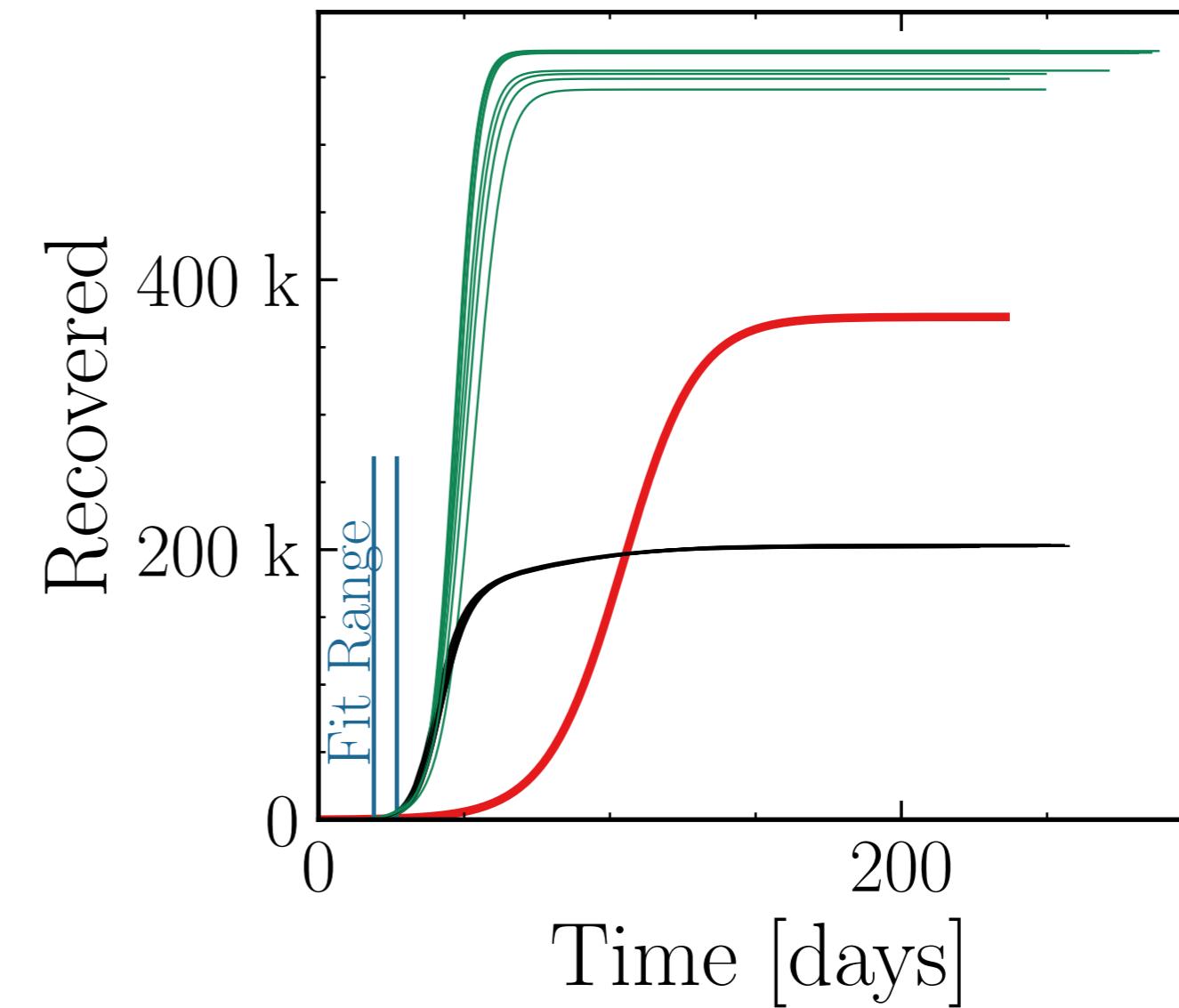
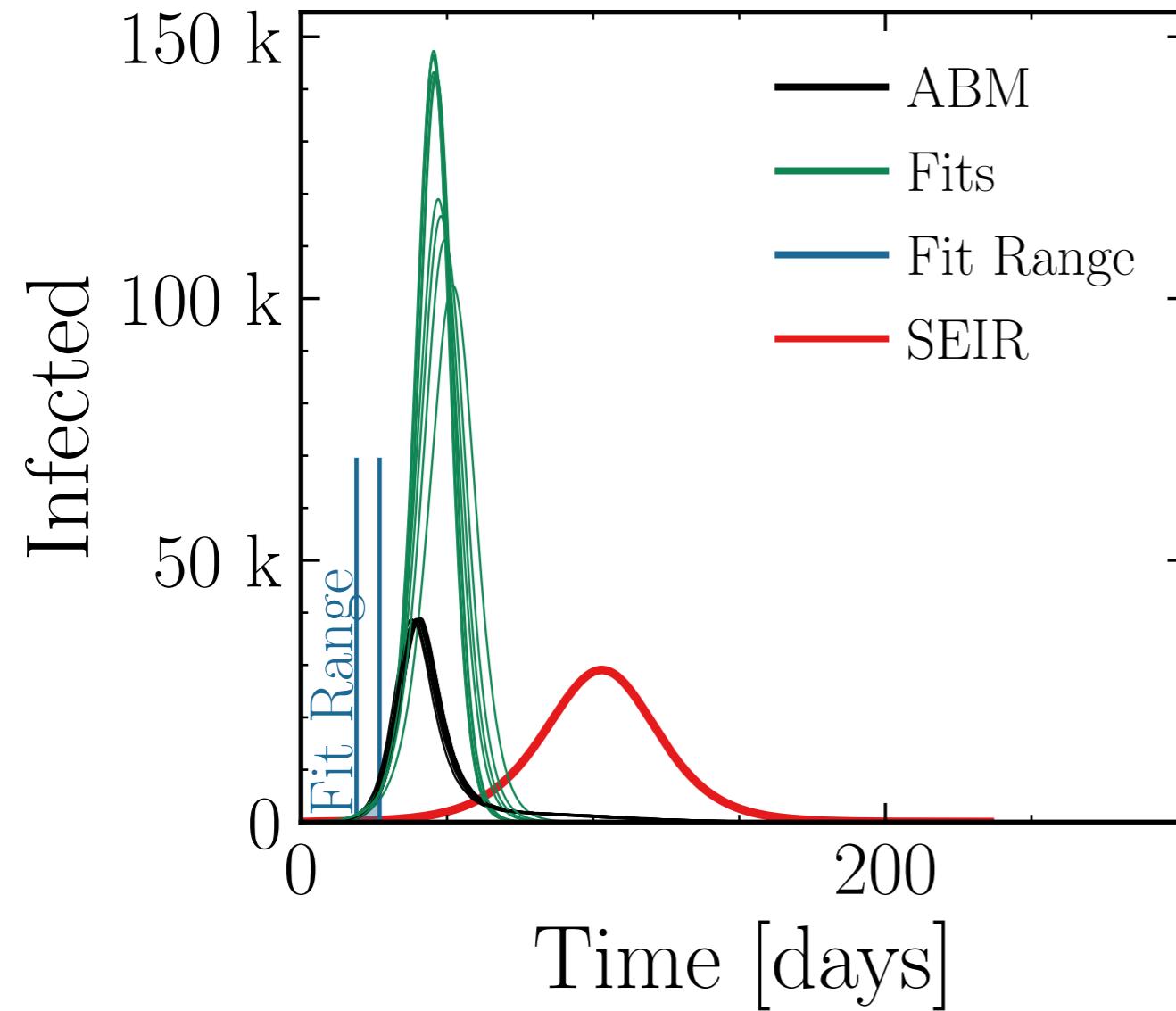
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{retry}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = *cee71c22bb*, #10

$$I_{\text{max}}^{\text{fit}} = (132 \pm 4.0\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 3.4 \pm 0.14$$

$$R_{\infty}^{\text{fit}} = (561 \pm 0.57\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 2.77 \pm 0.015$$

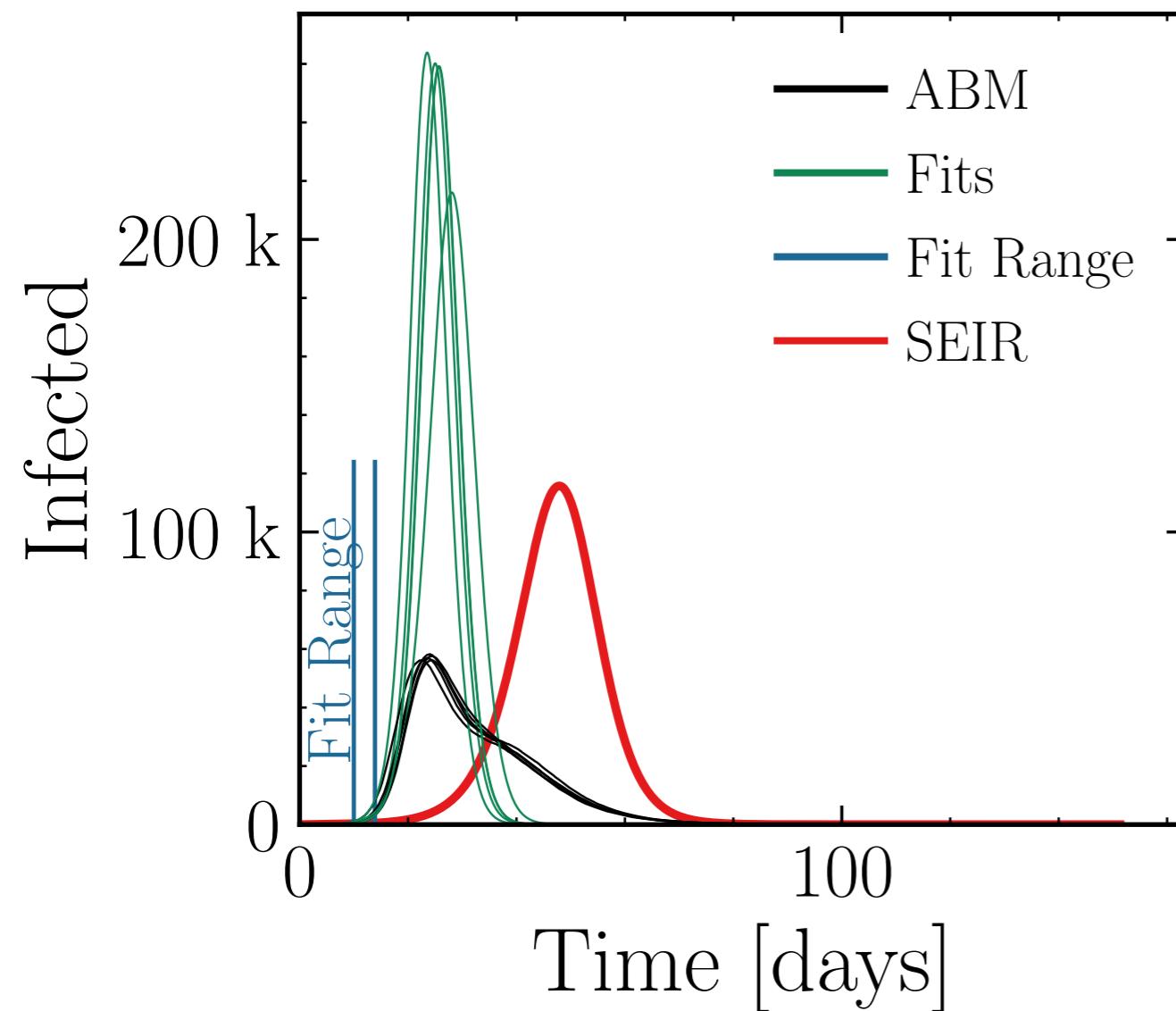


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 20$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 8d2bfc70ad, #5

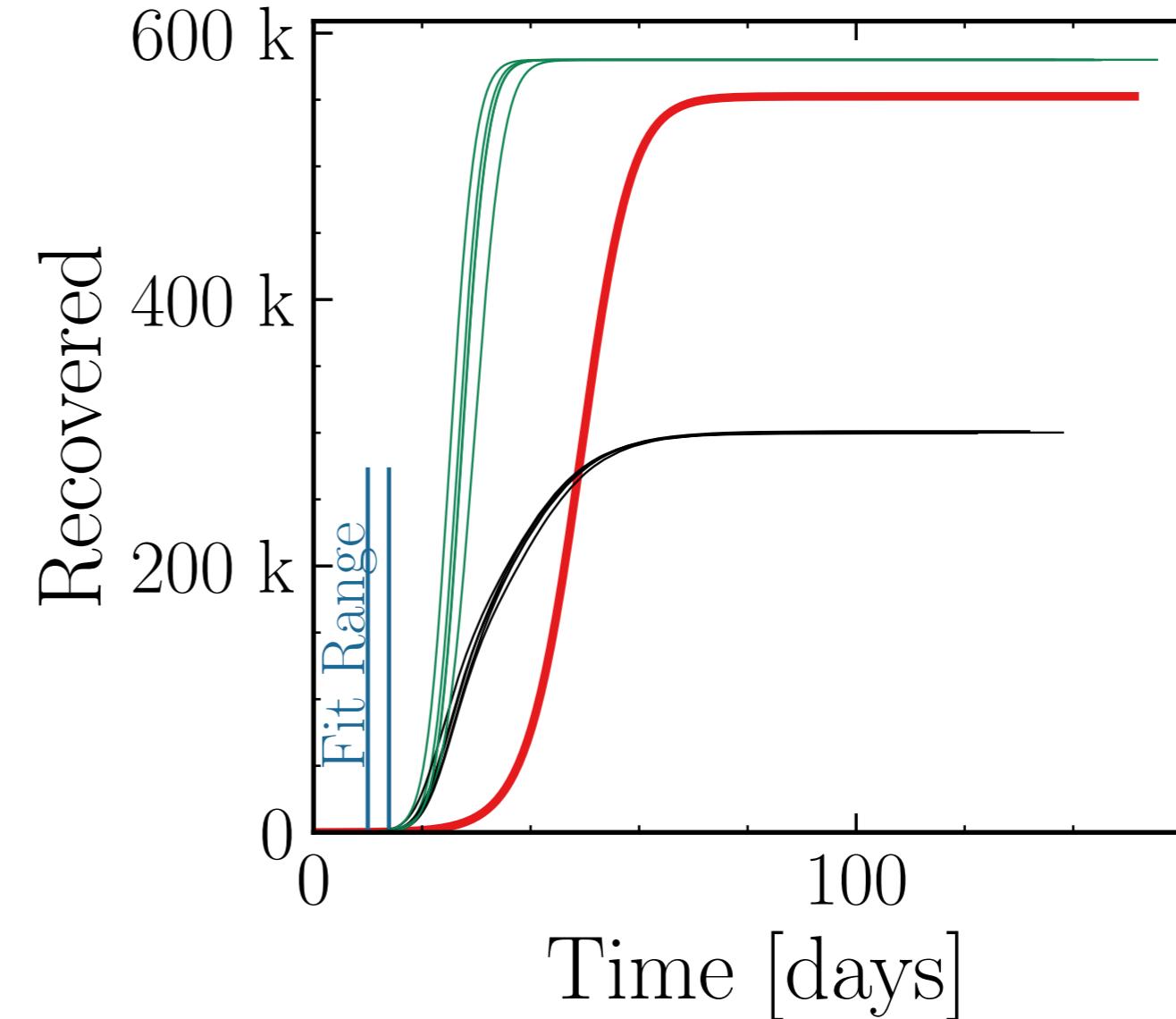
$$I_{\text{max}}^{\text{fit}} = (252 \pm 3.2\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{max}}^{\text{ABM}}} = 4.4 \pm 0.14$$



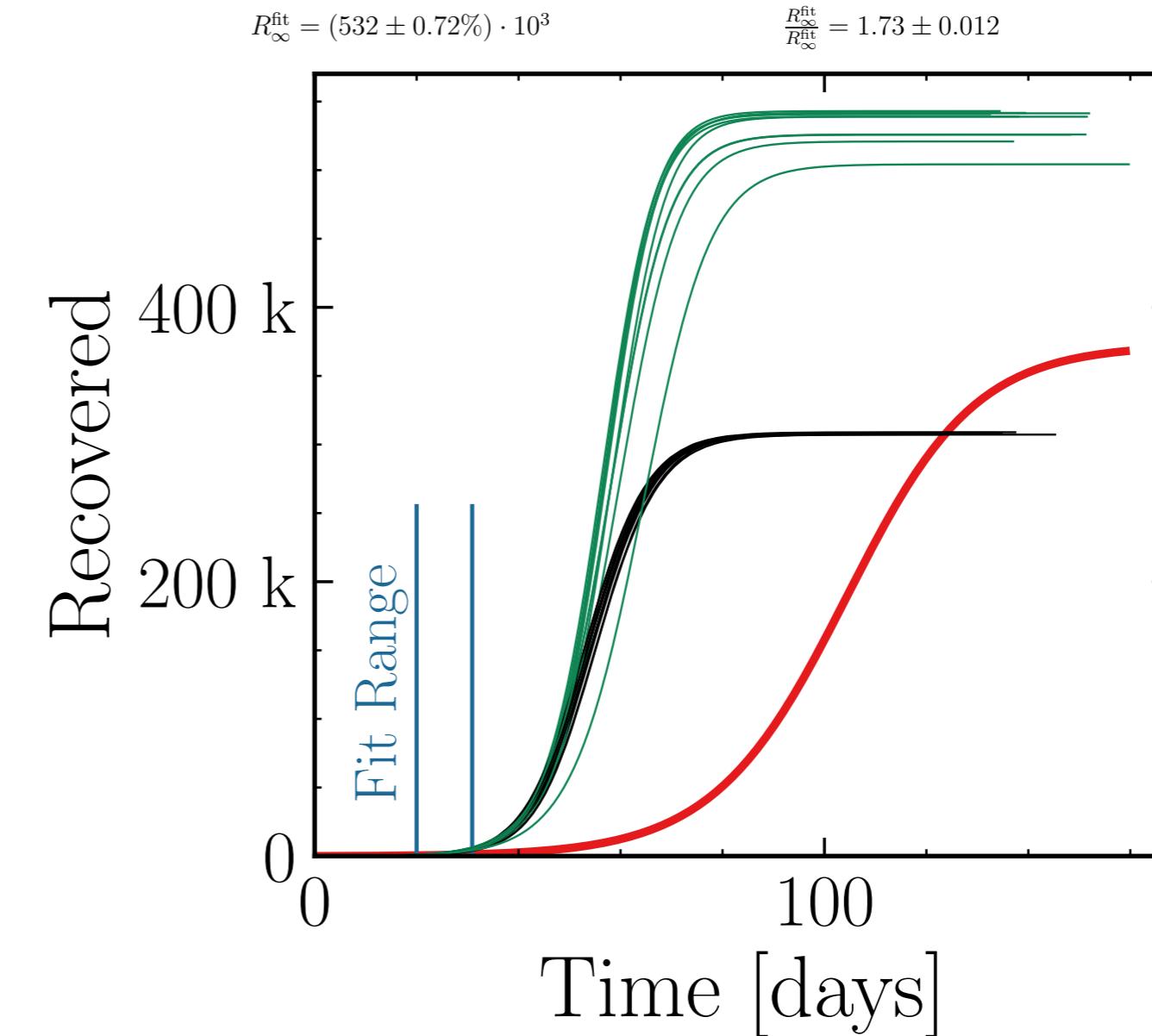
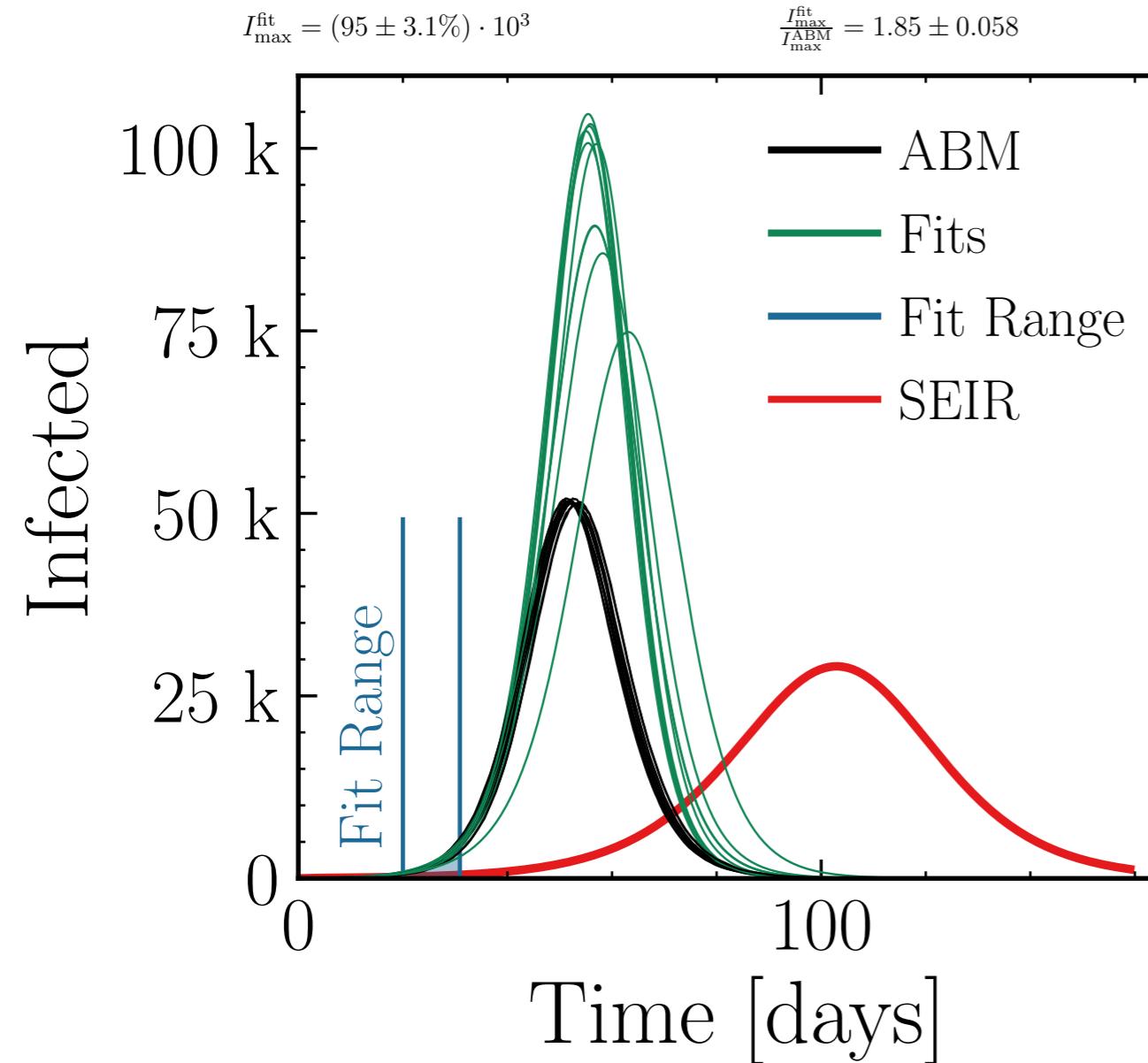
$$R_{\infty}^{\text{fit}} = (579.95 \pm 0.0073\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.931 \pm 0.0016$$

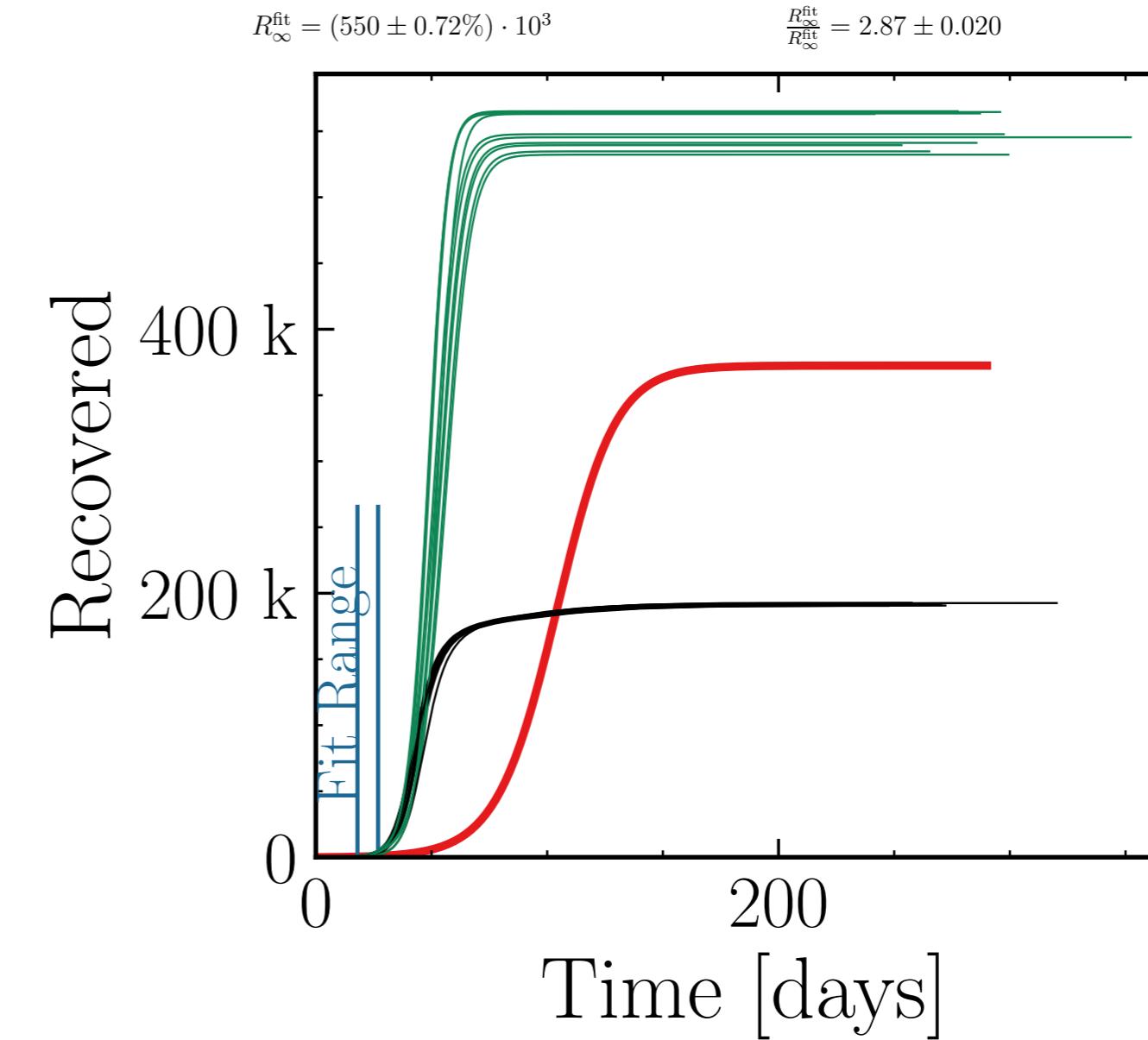
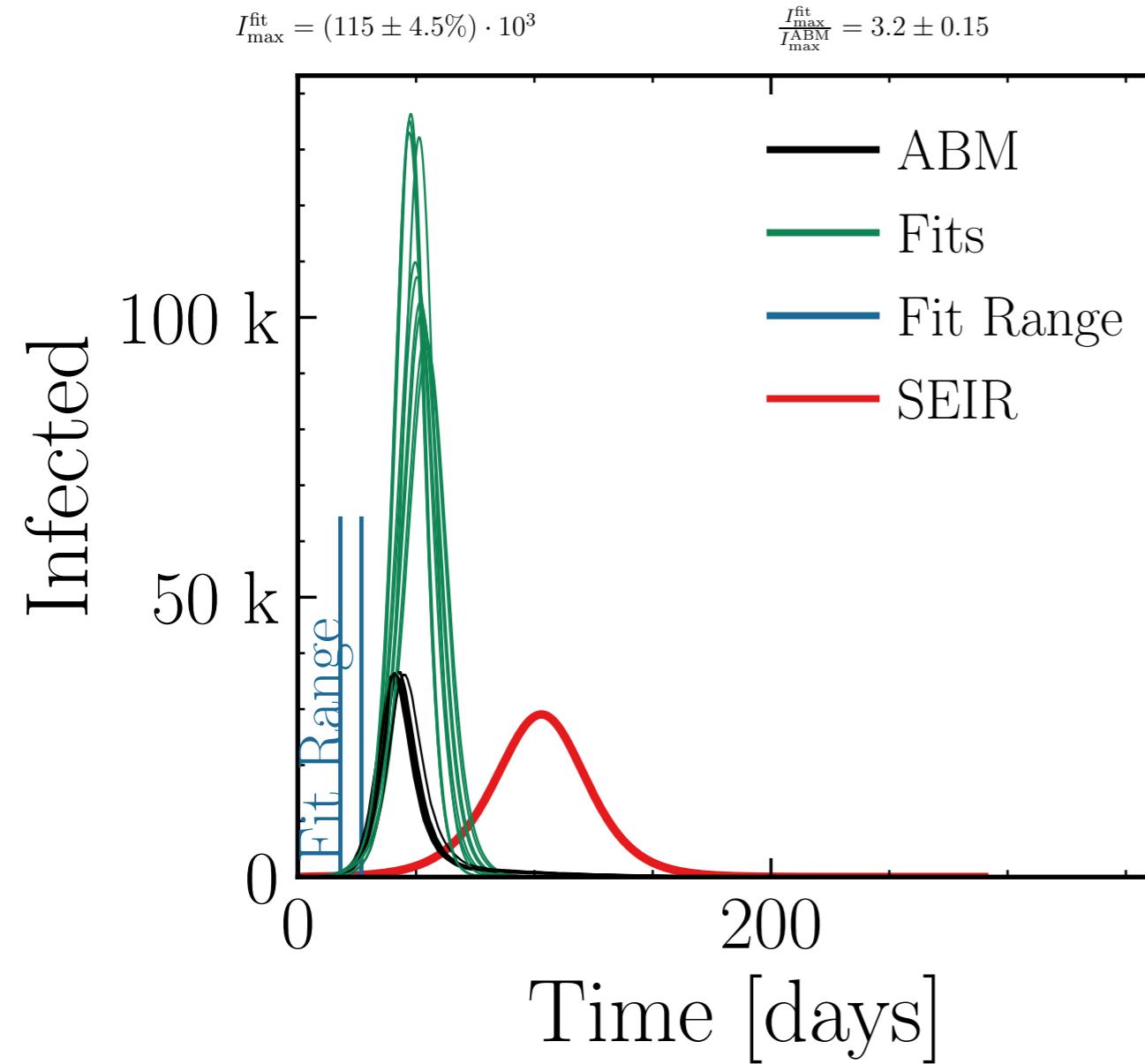


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

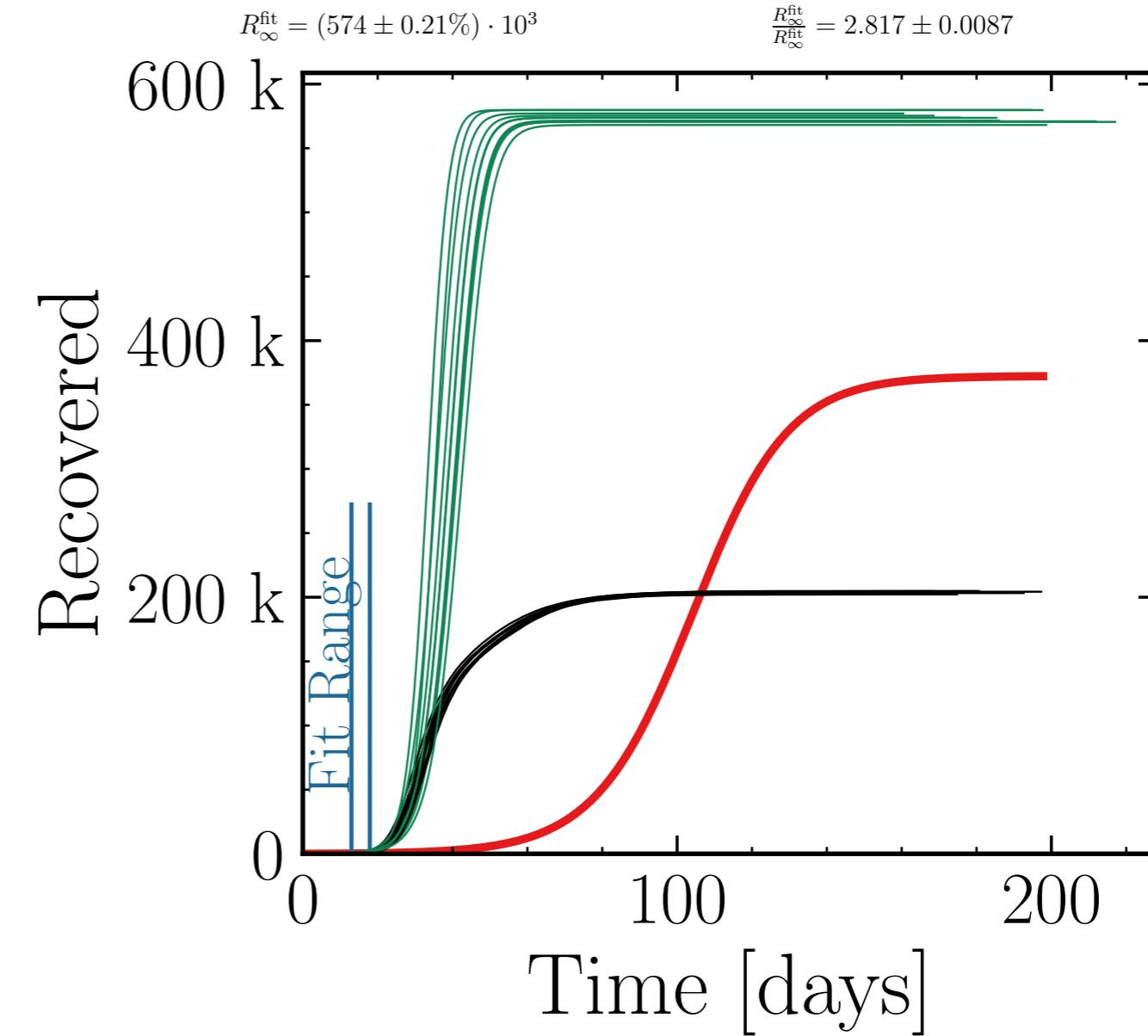
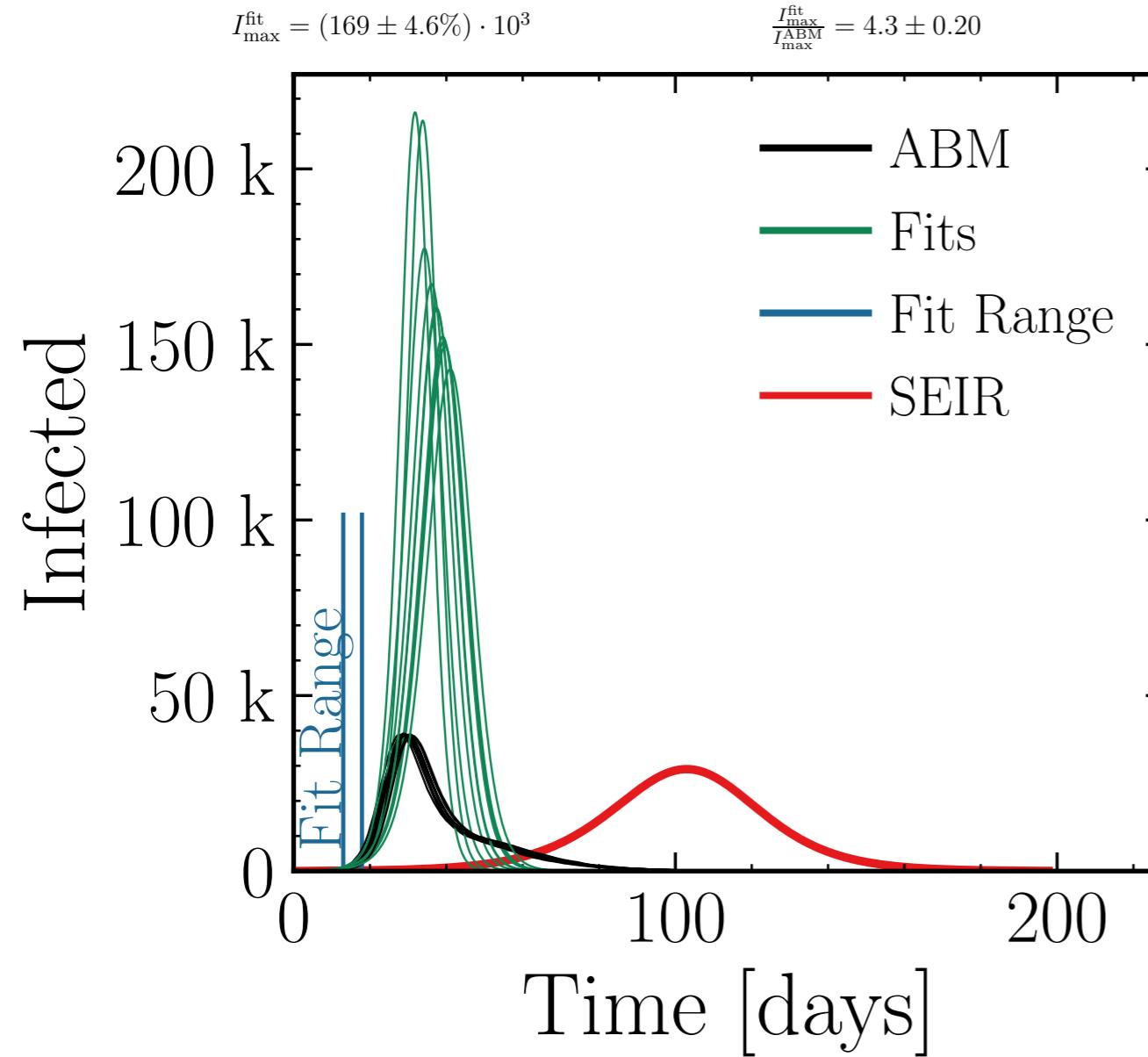
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 3a6bdd8d0f, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 66f745fd4a, #10

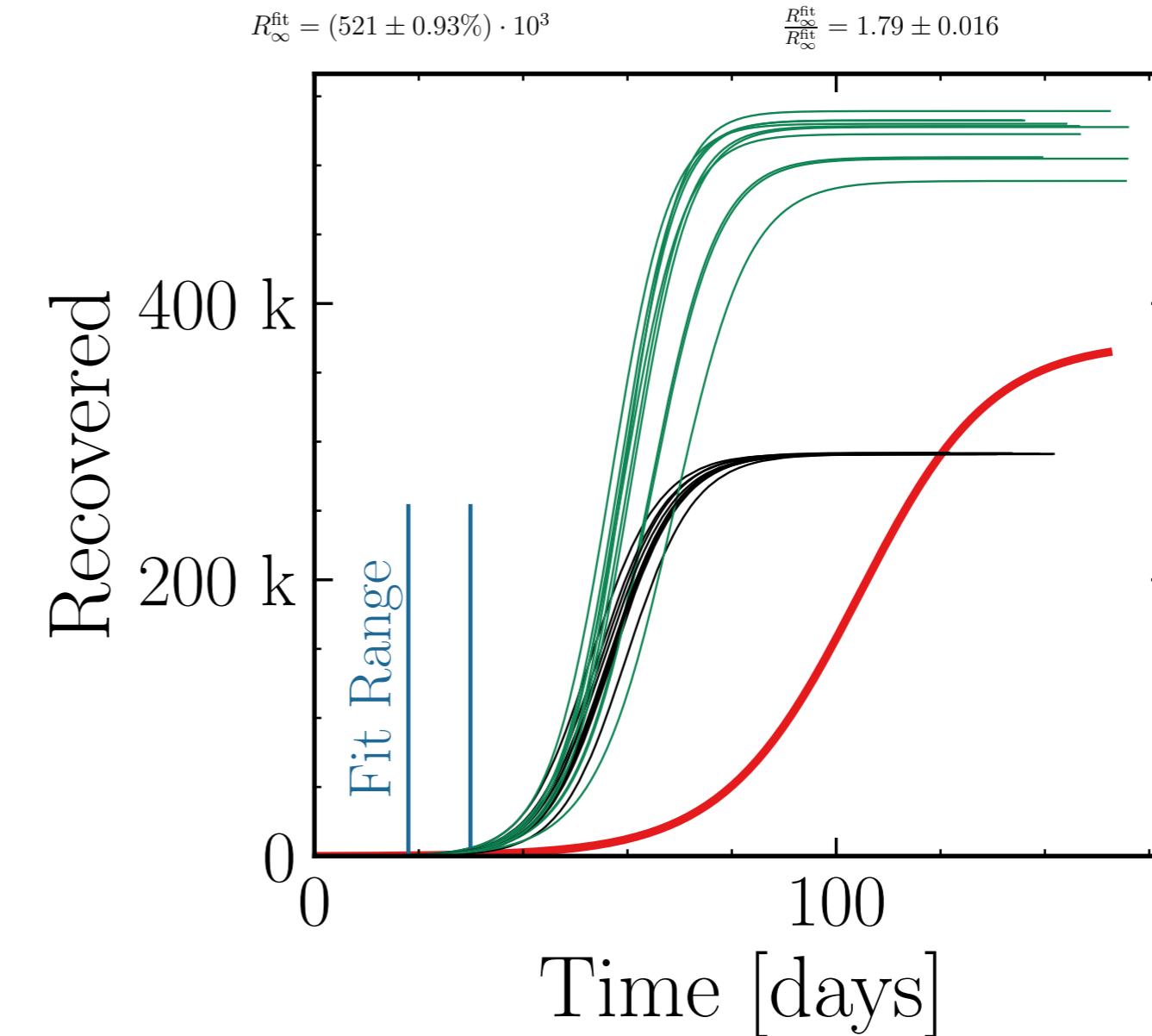
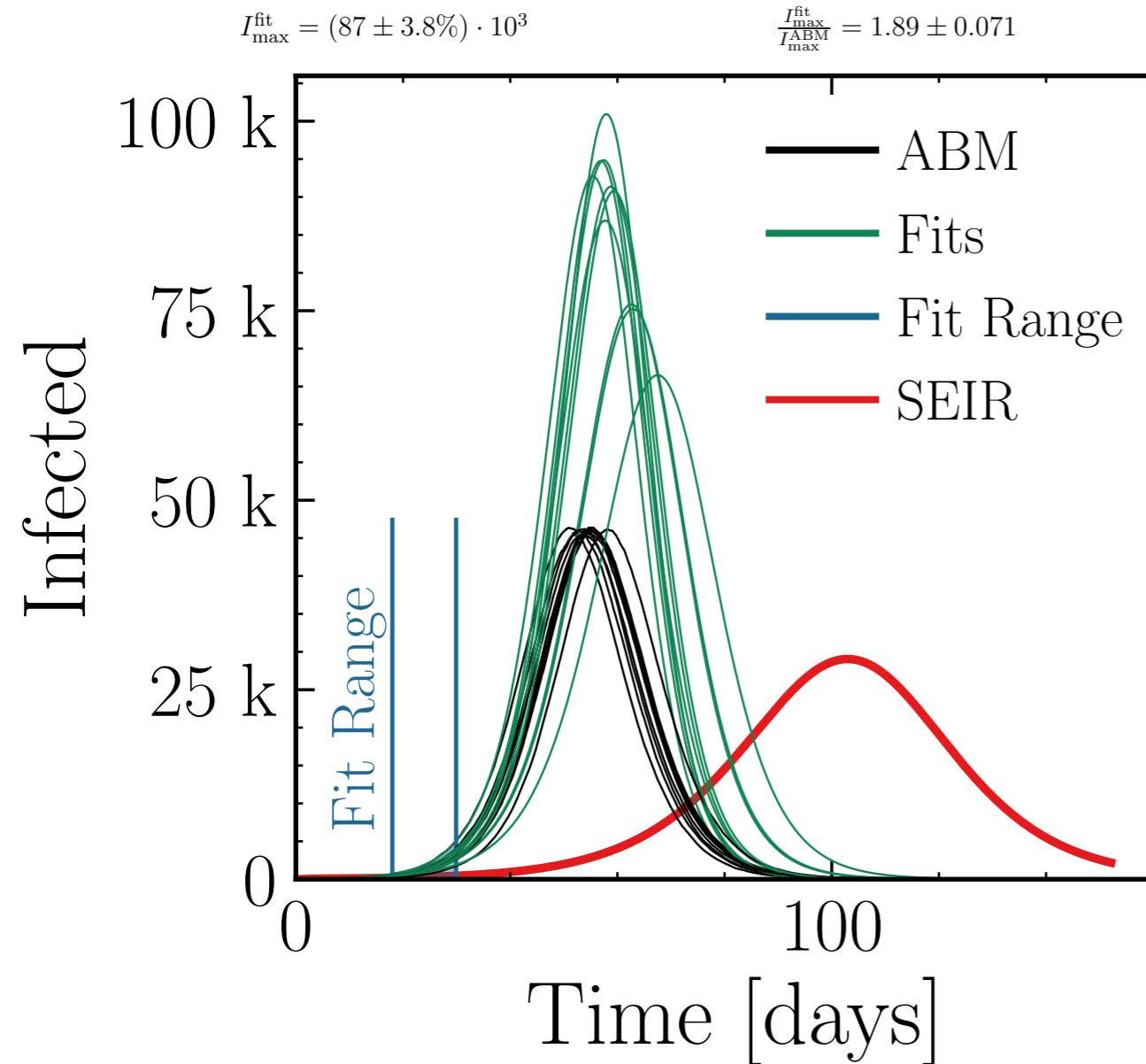


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c79a1d881e, #10

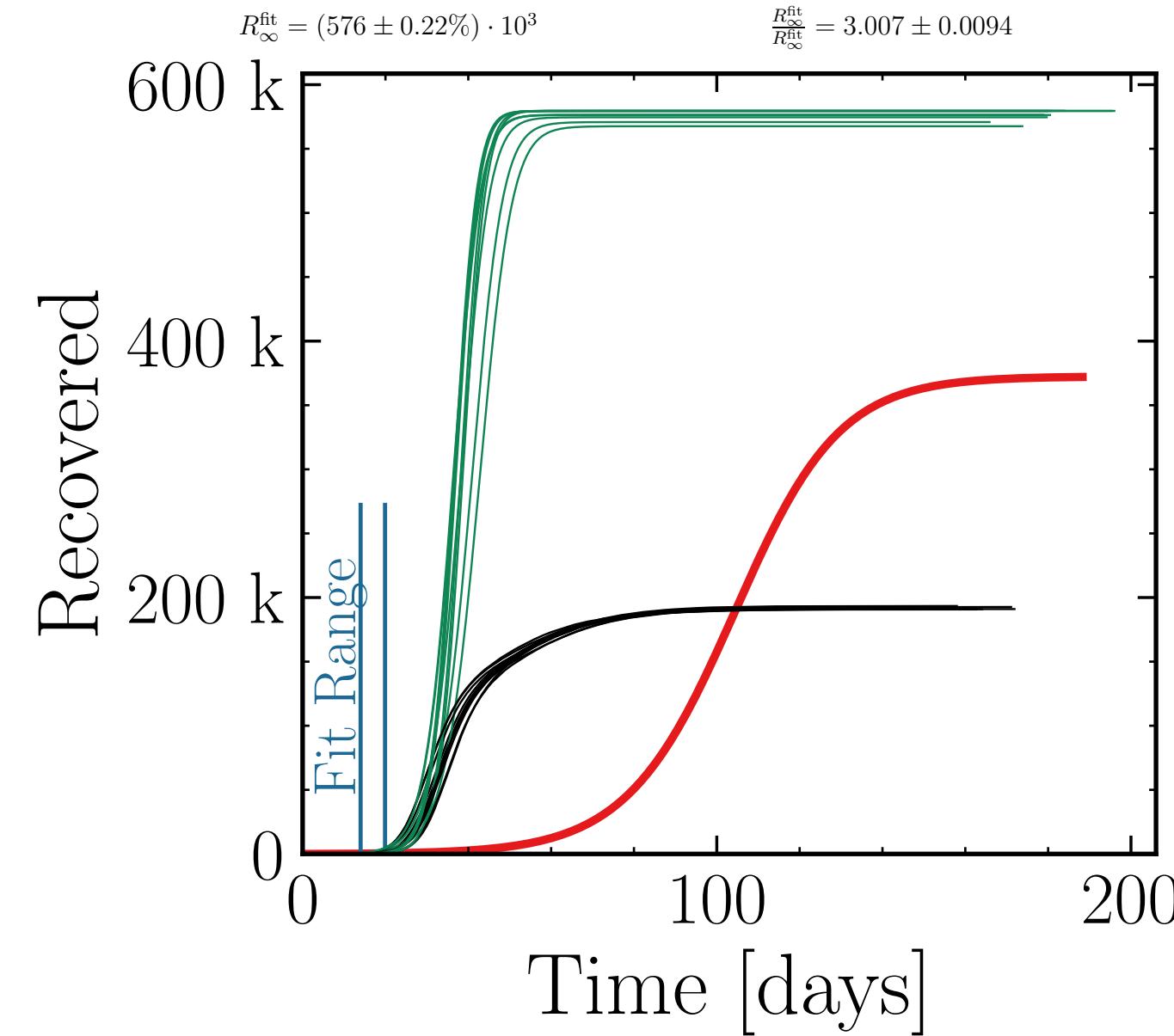
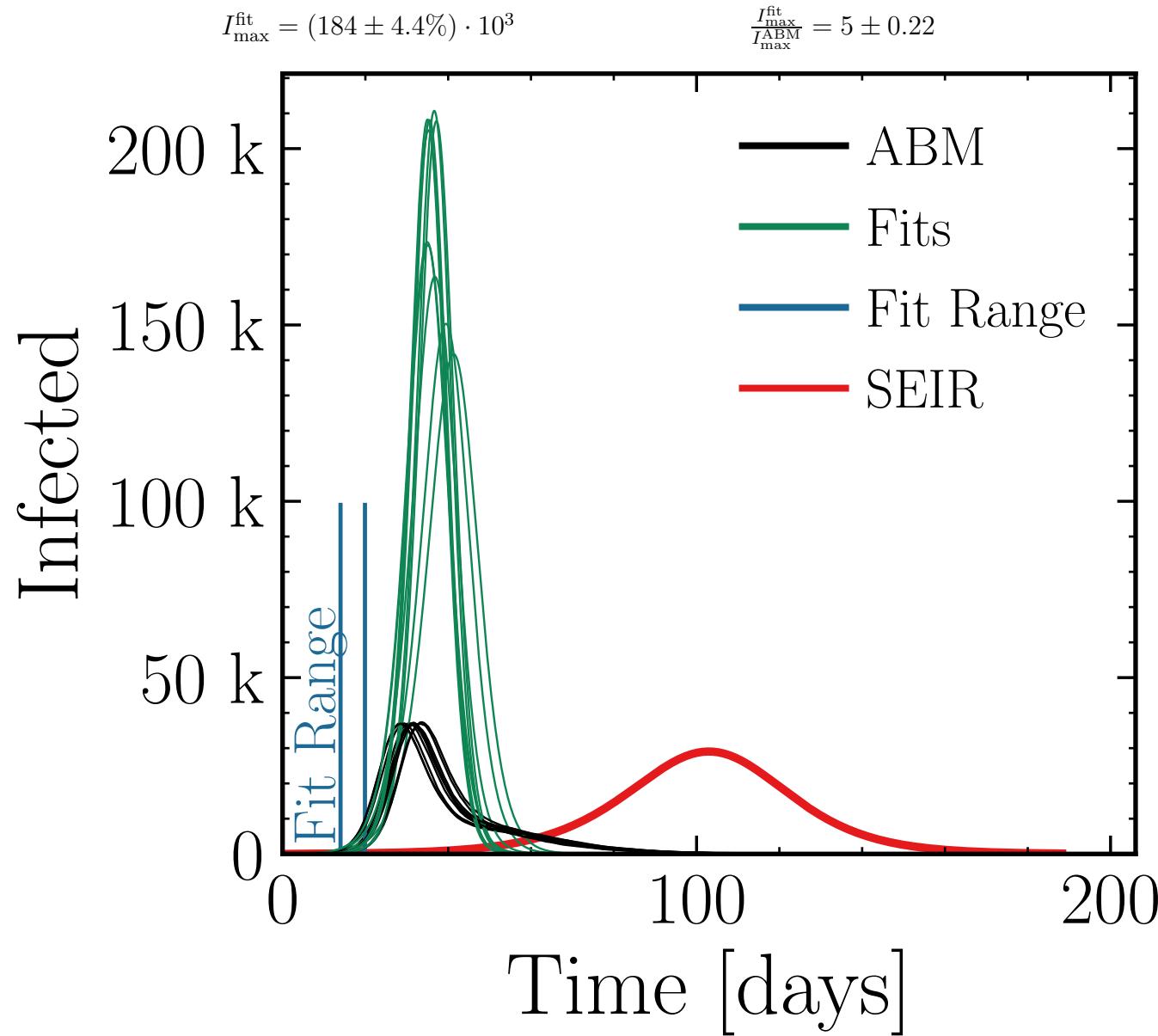


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 3739e1bdd2, #10

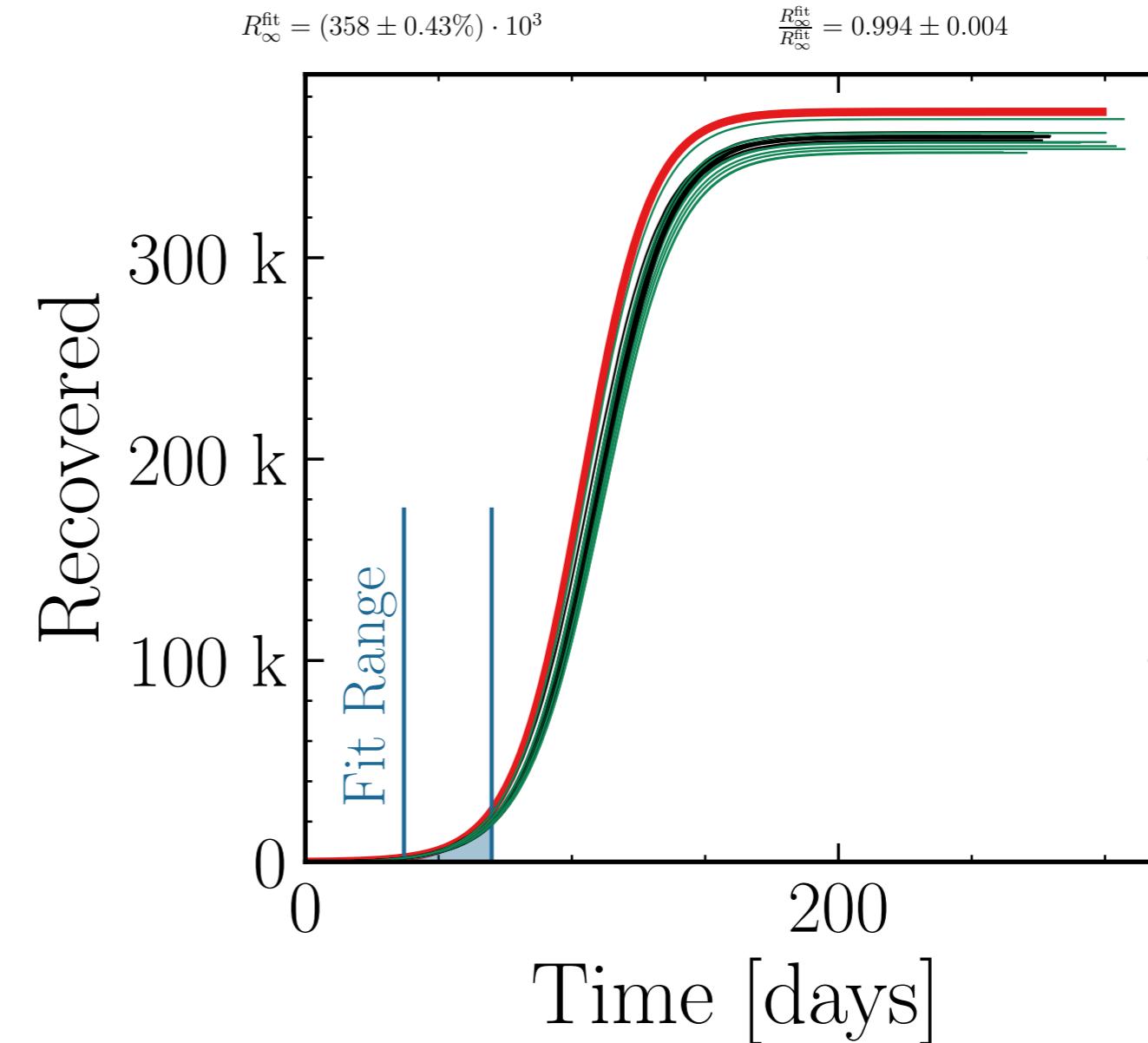
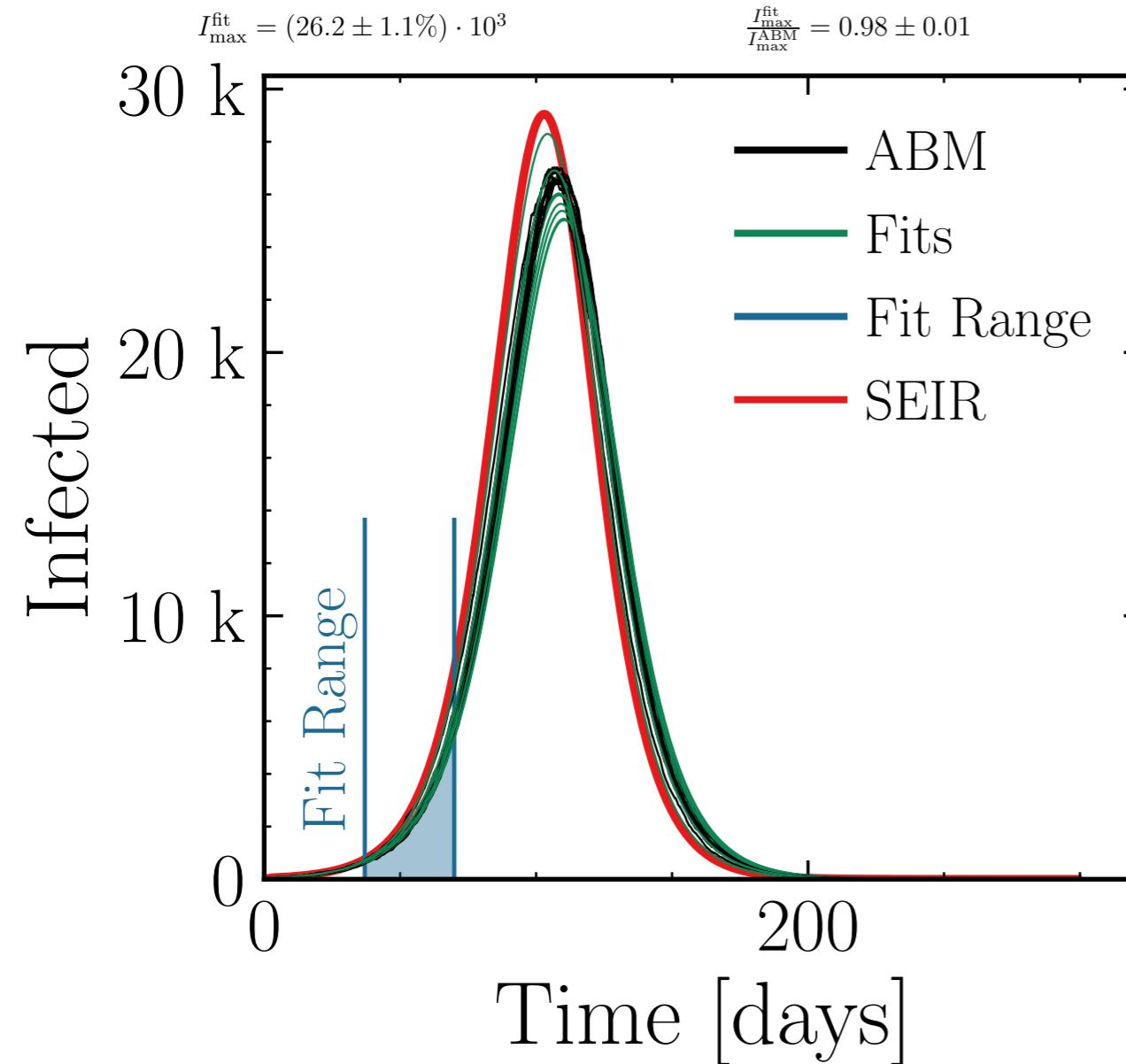


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 10$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.04$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b0c2a40fa5, #10

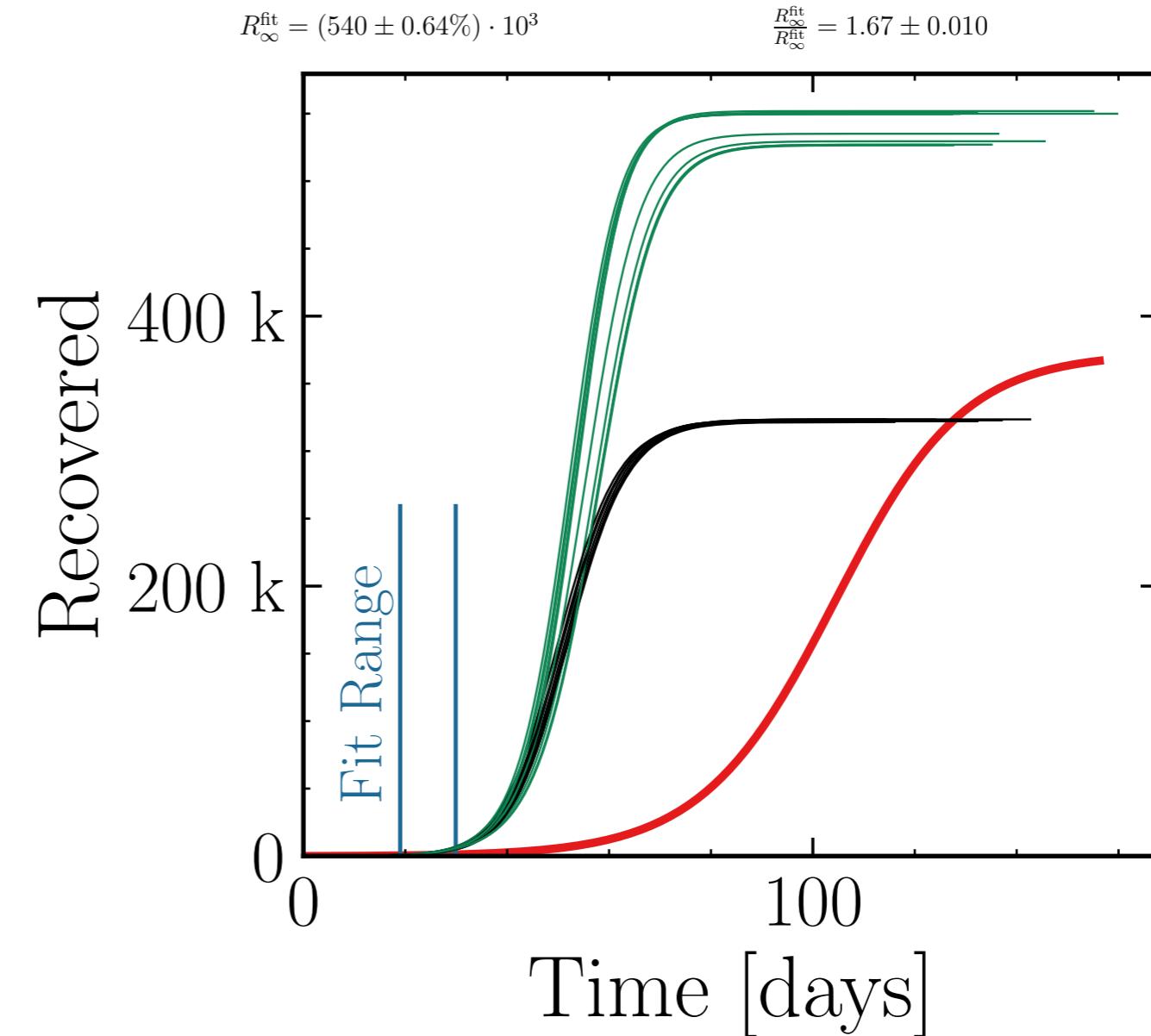
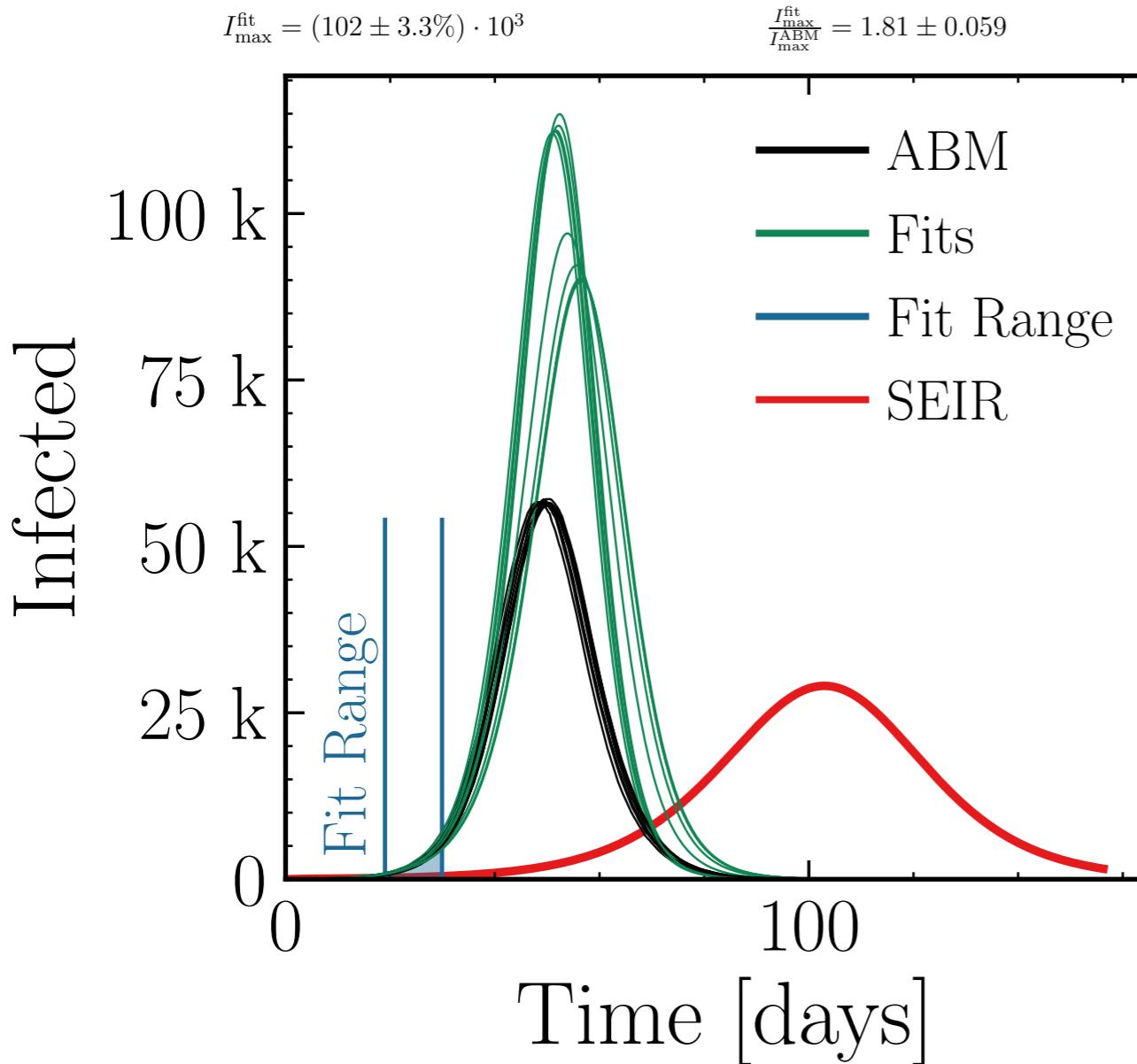


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{retry}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 84e4765133, #10

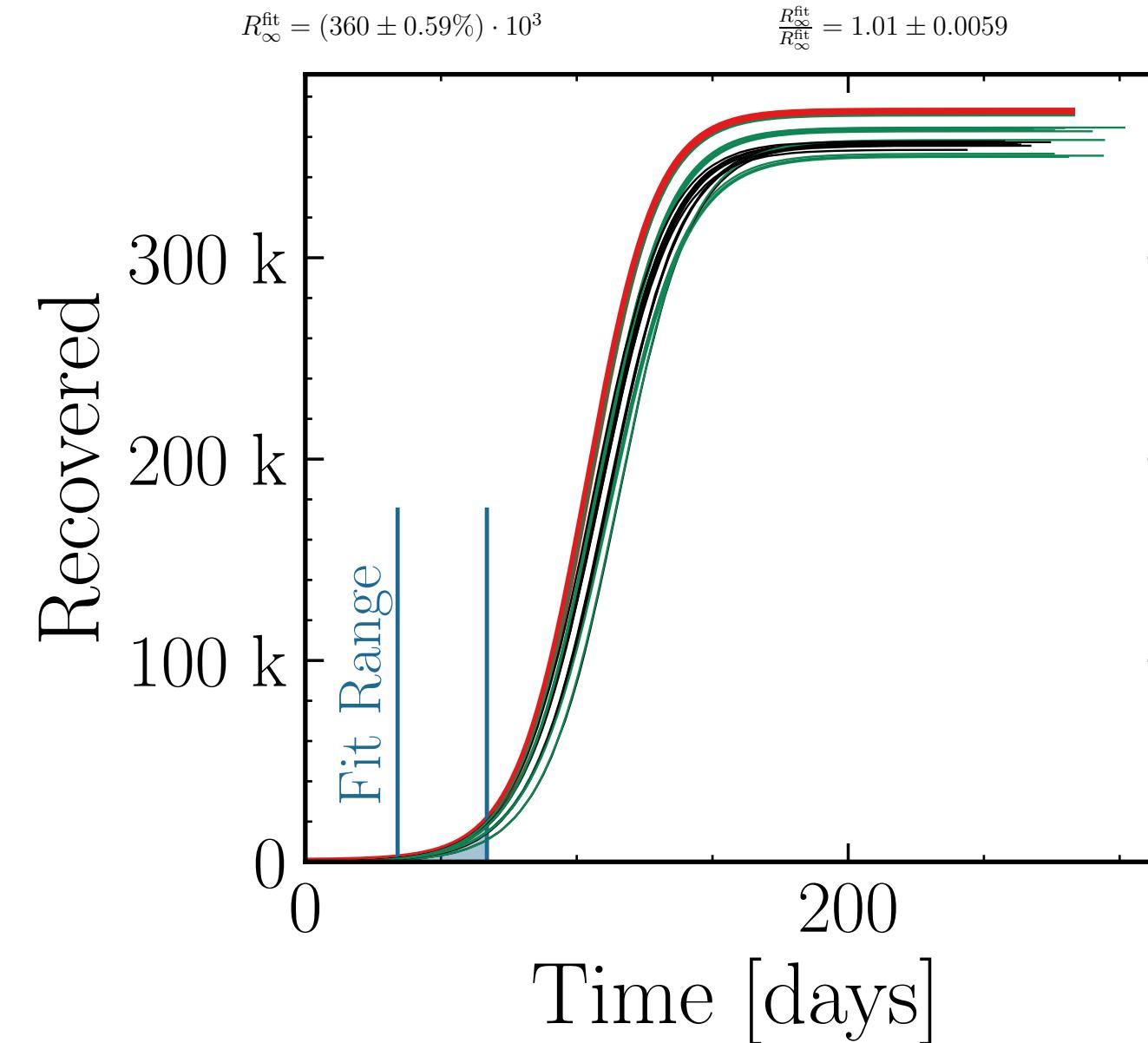
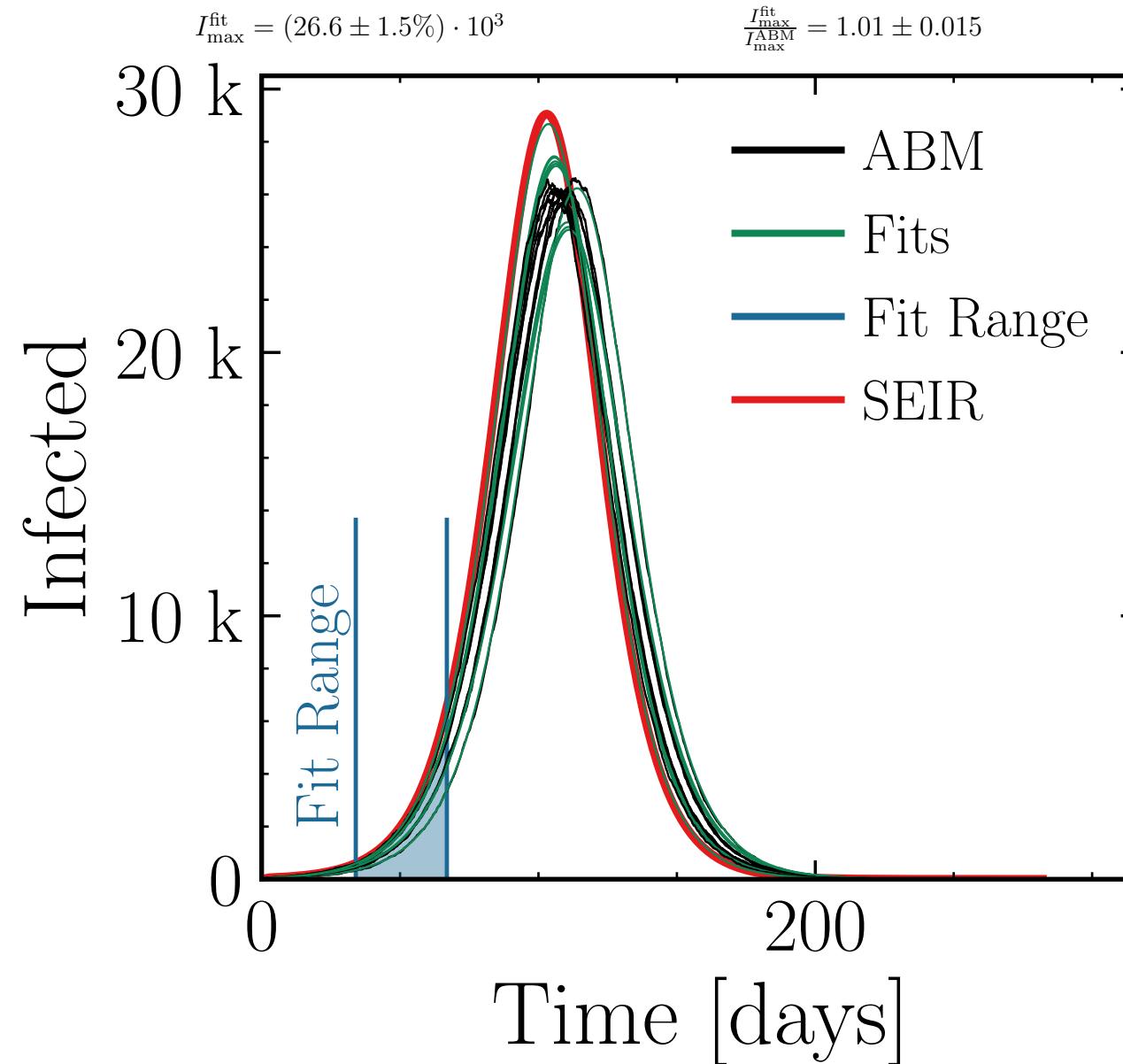


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = bb2b4f0c73, #10

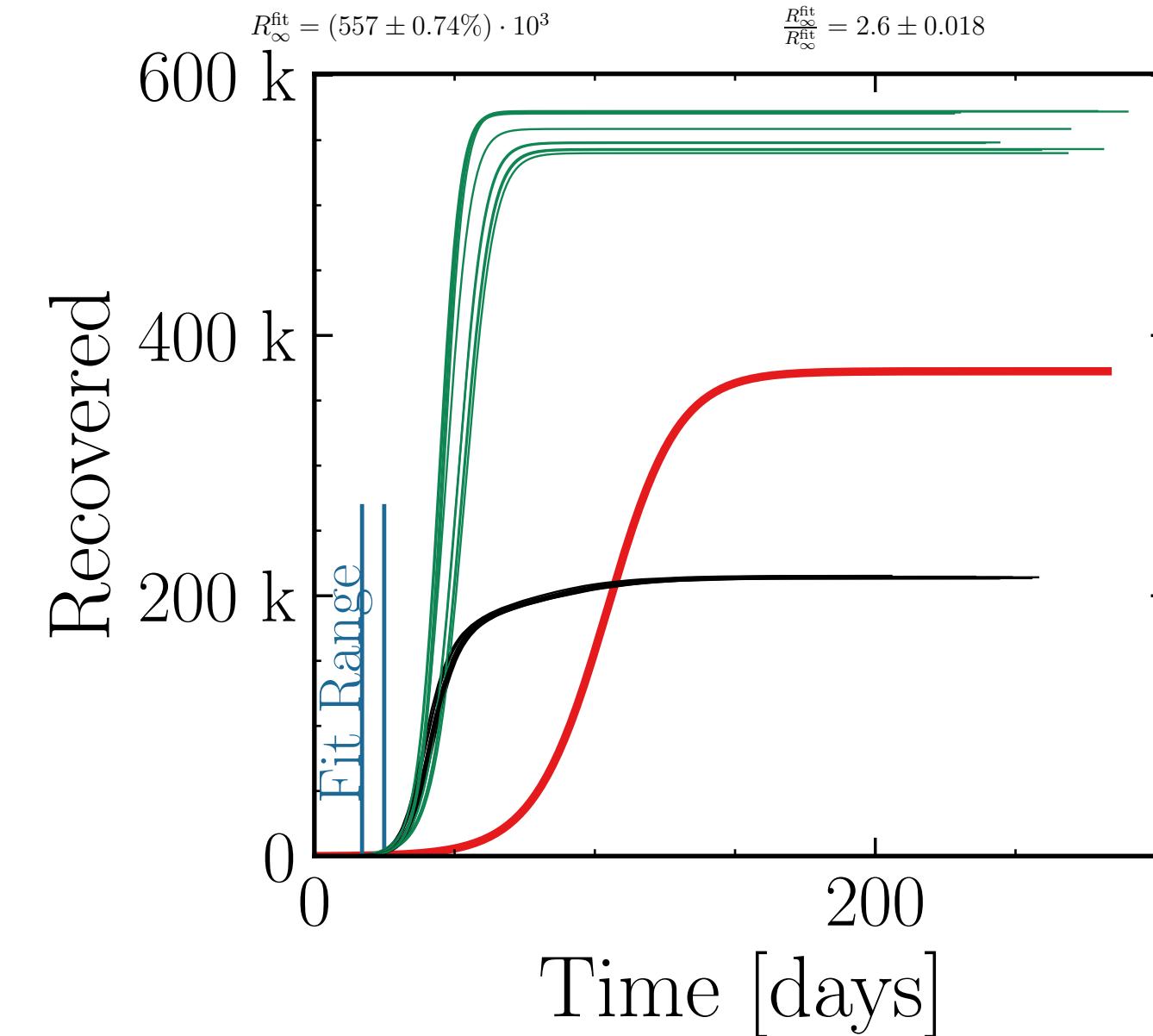
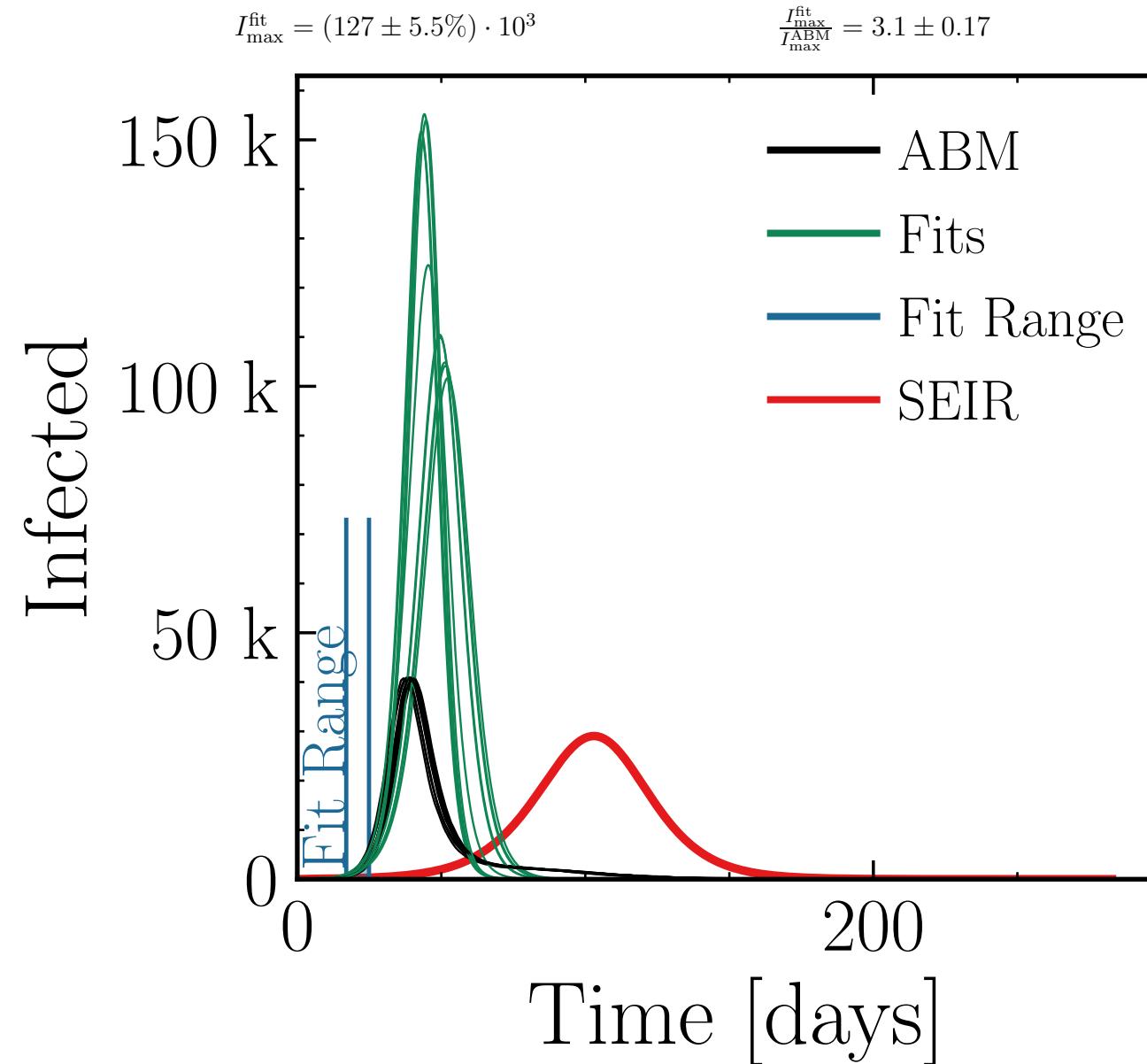


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.25$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = c47dfffc3a6, #10

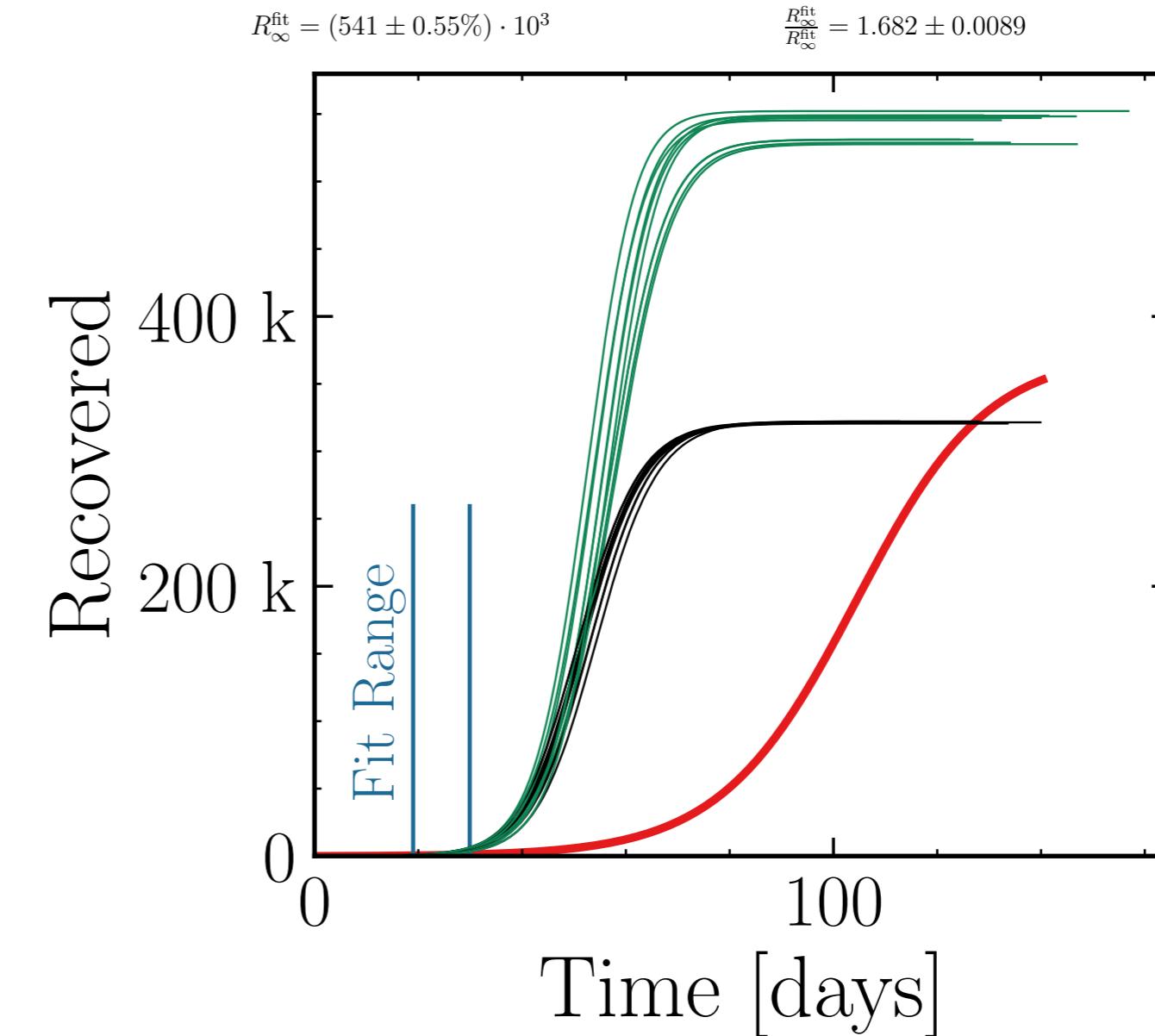
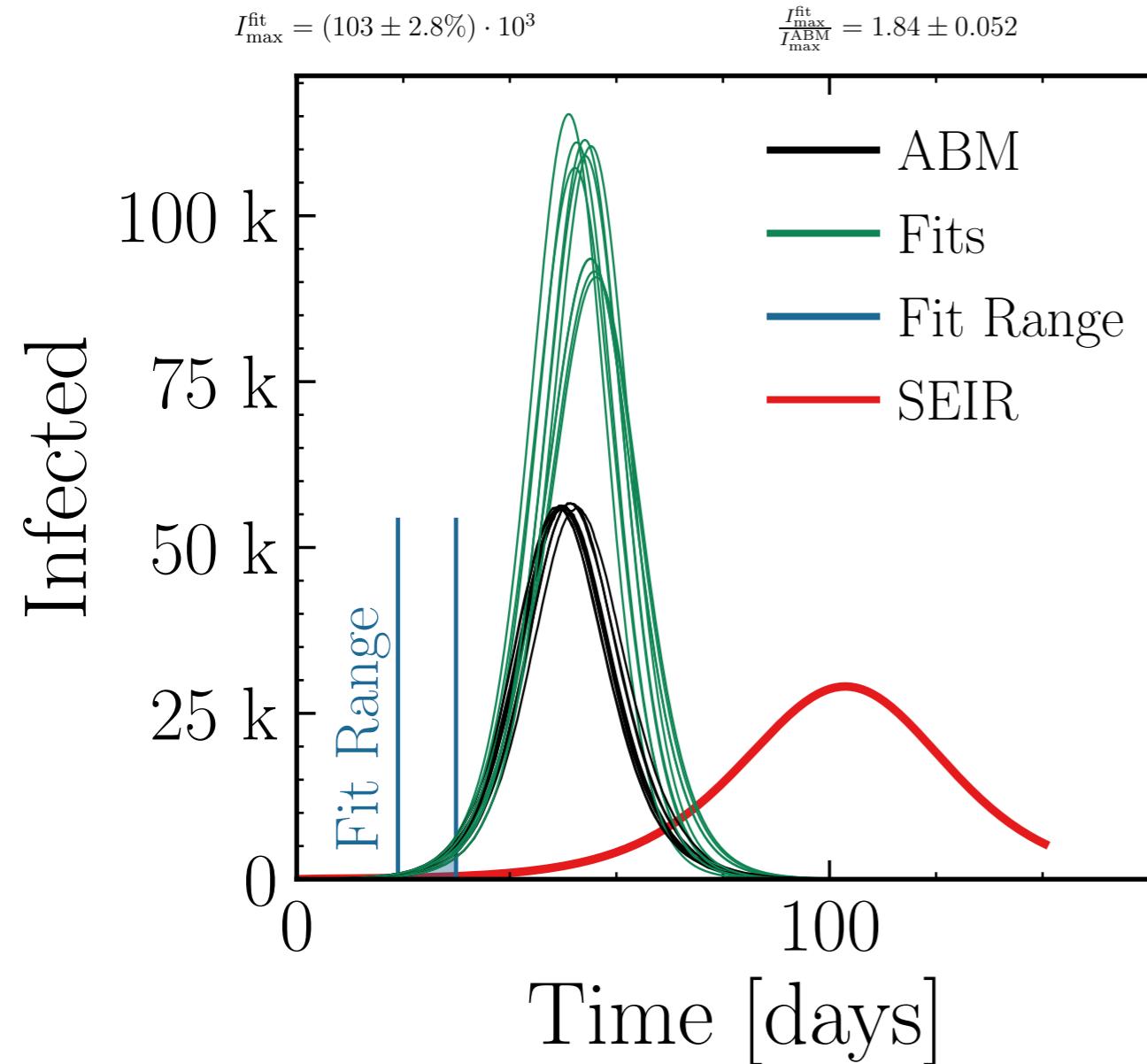


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = dd466b0d82, #10

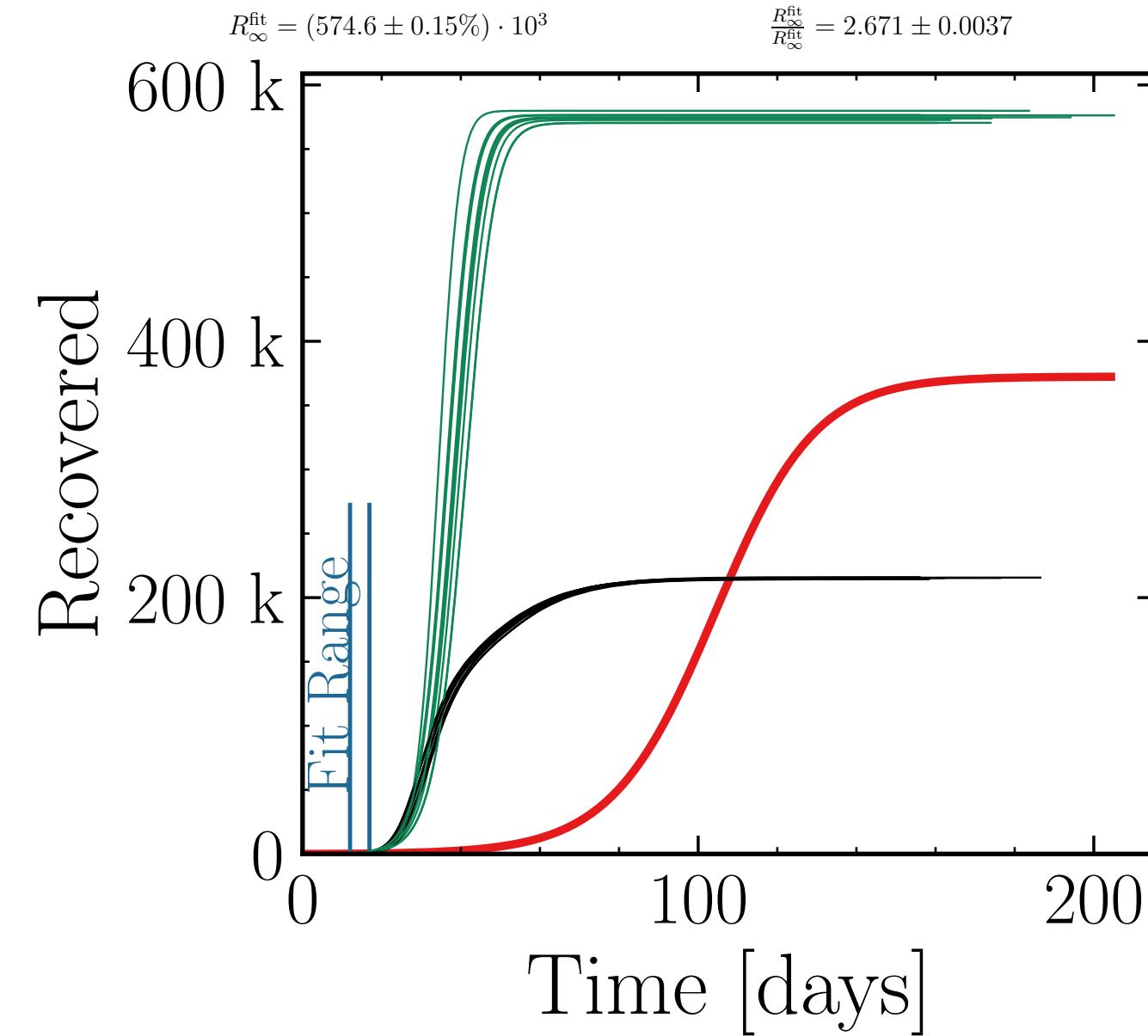
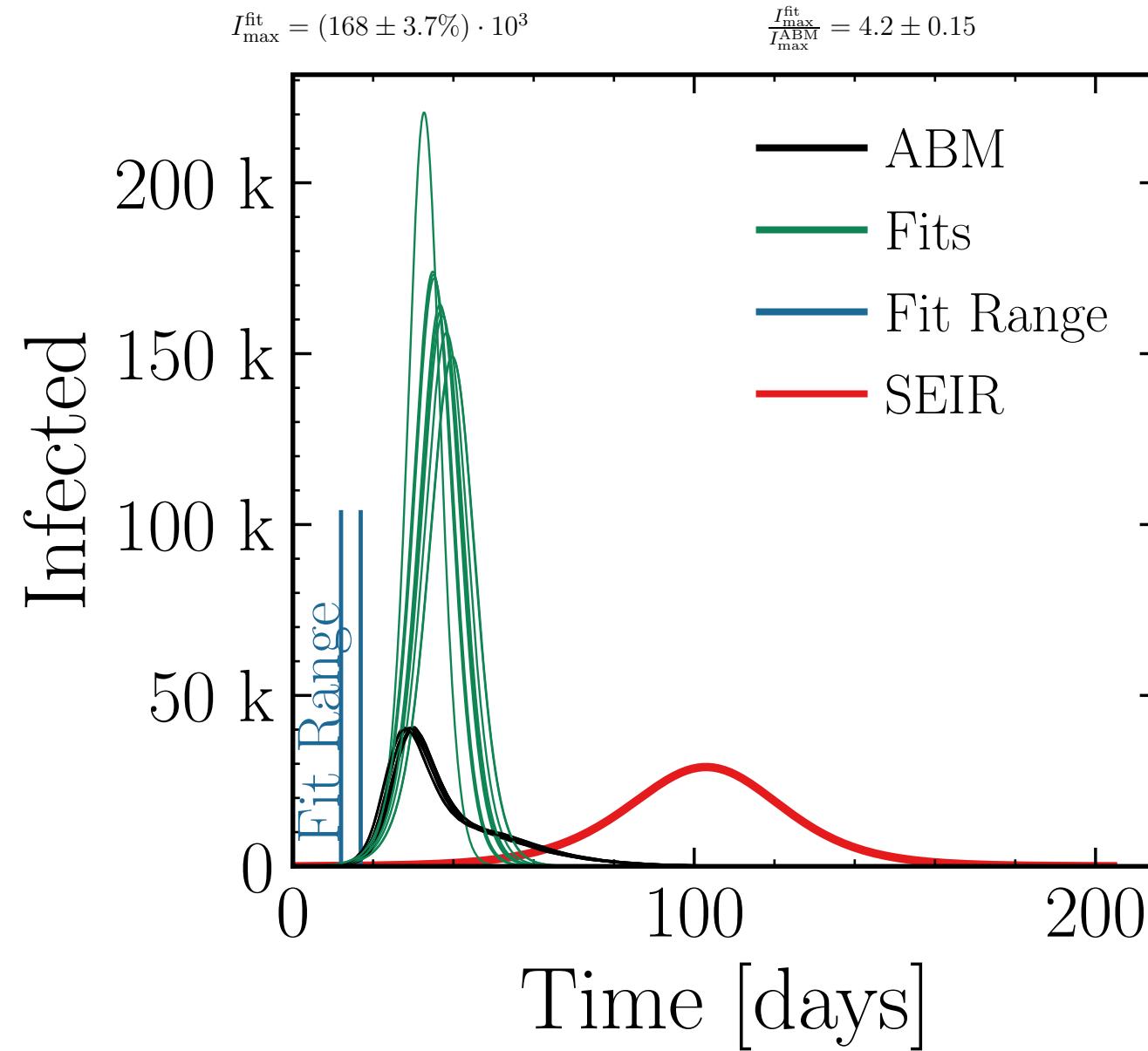


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.25$ , algo = 2,  $N_{\text{init}} = 100$

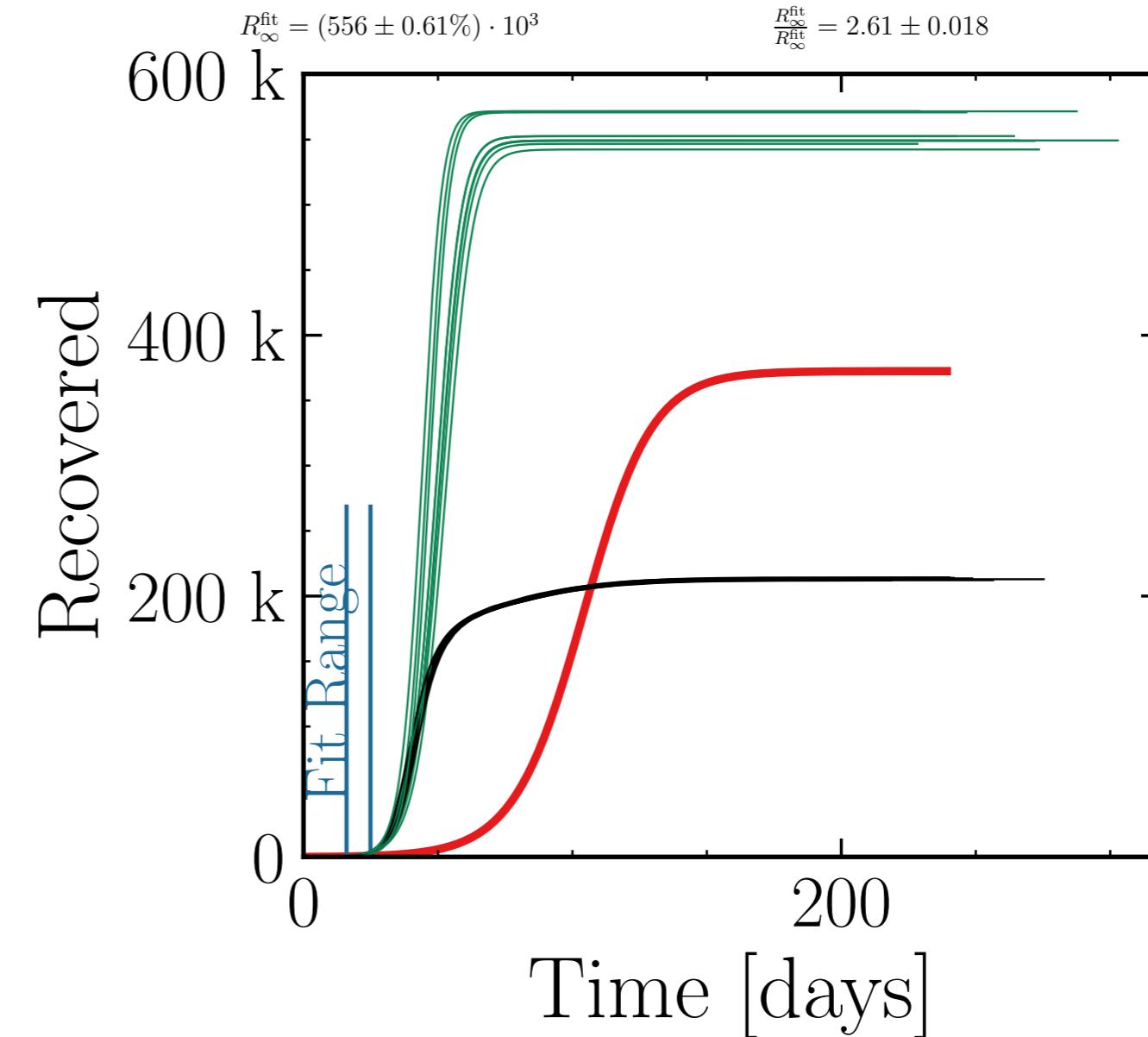
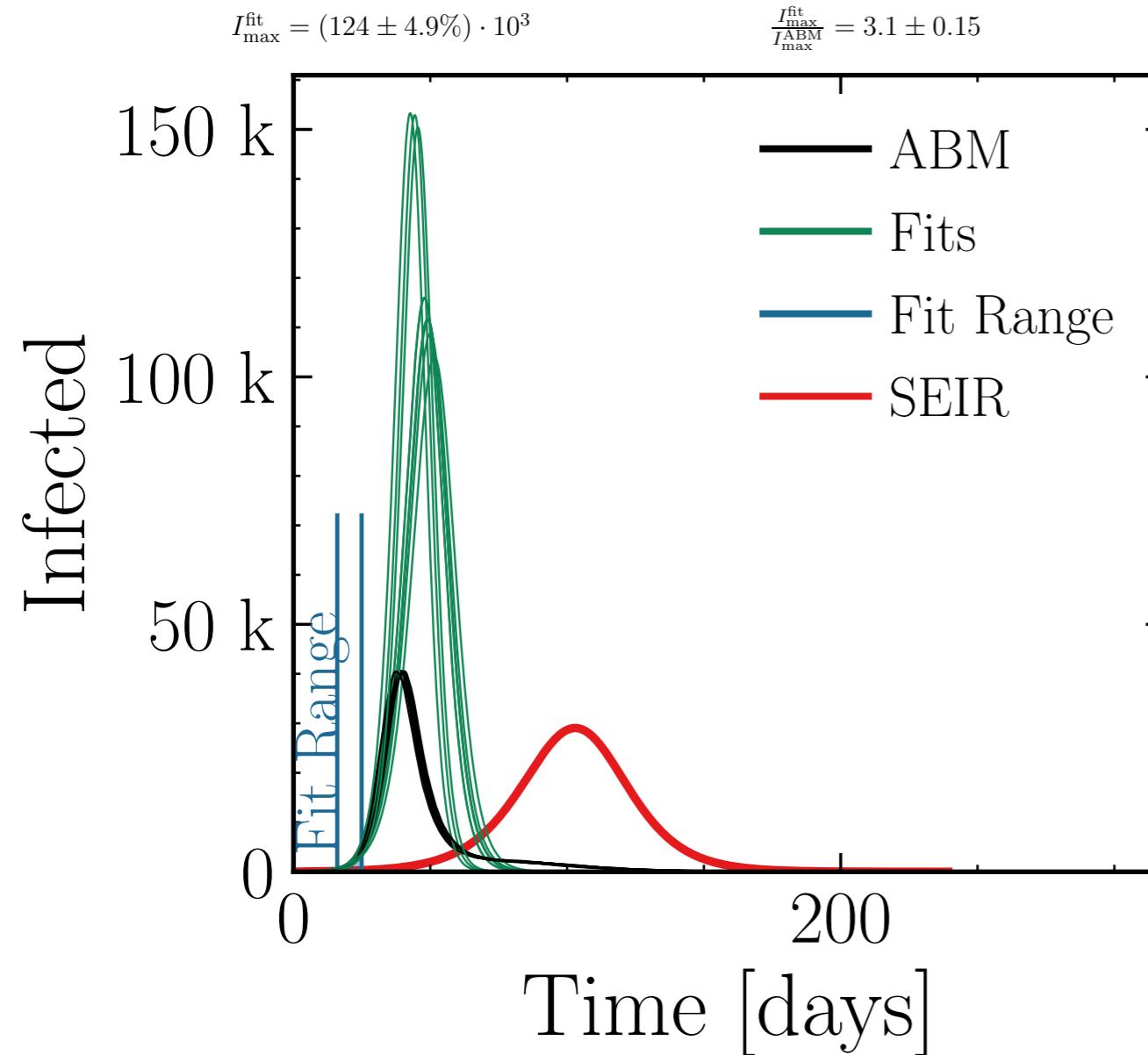
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = fef62a5b65, #10



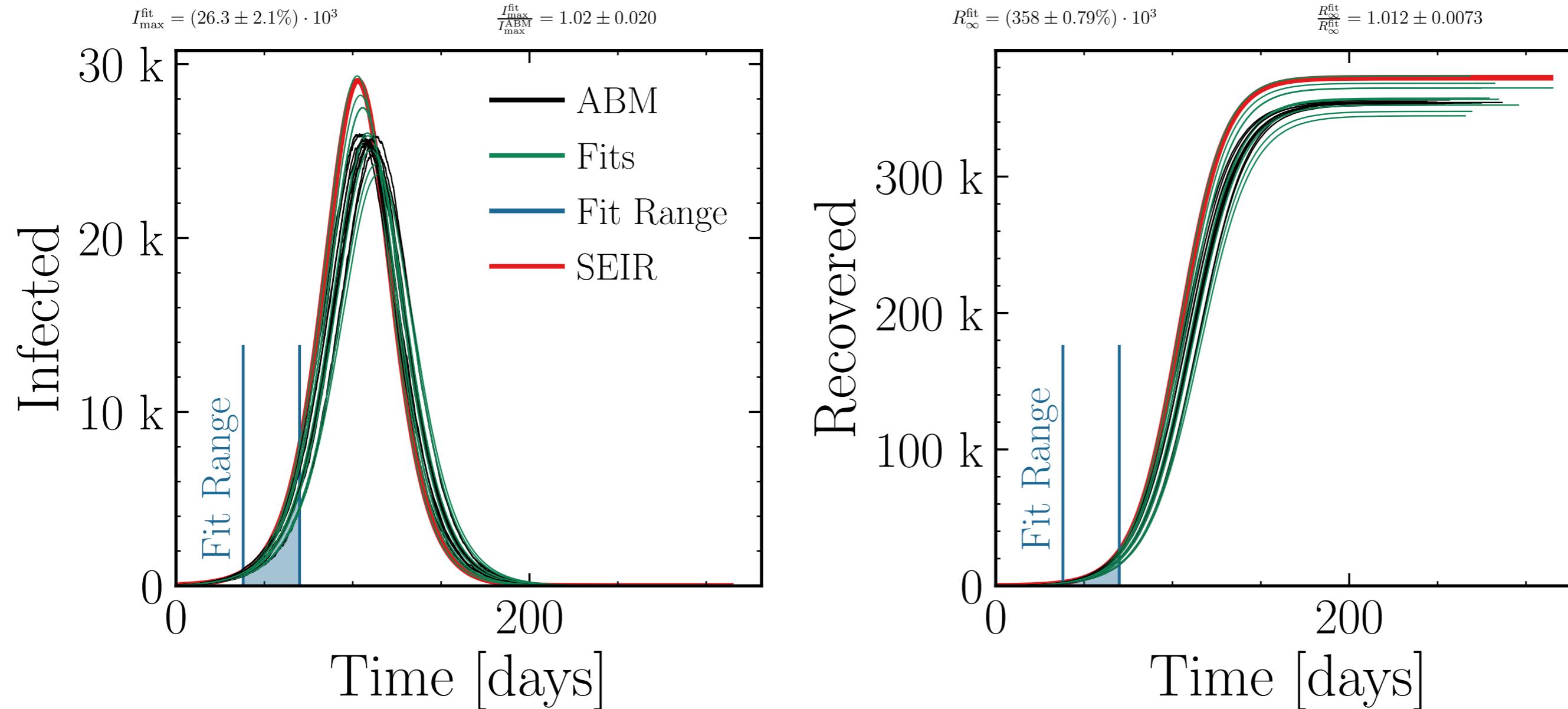
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6bc20525a4, #10



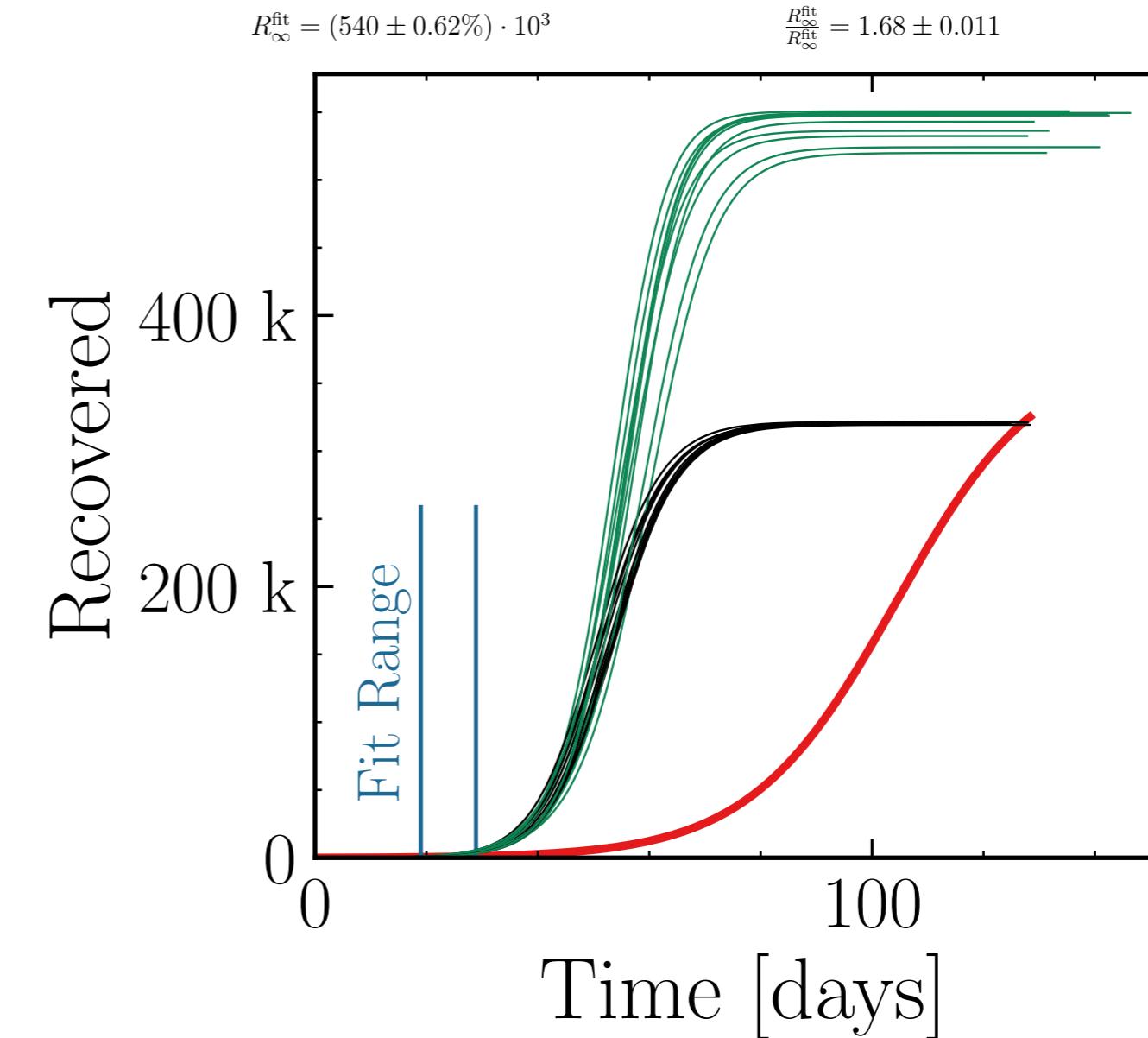
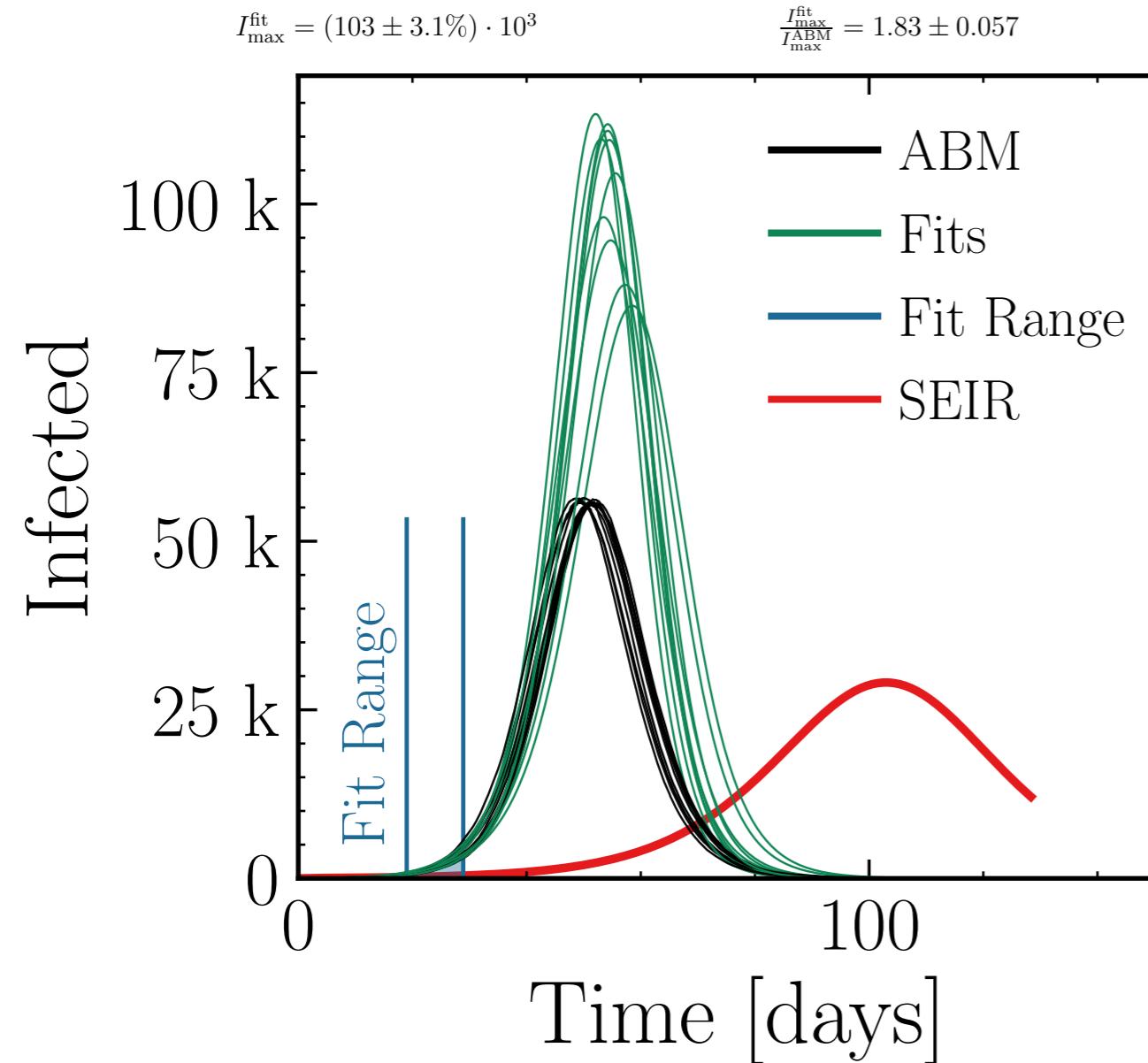
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.25$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 69a7841006, #10



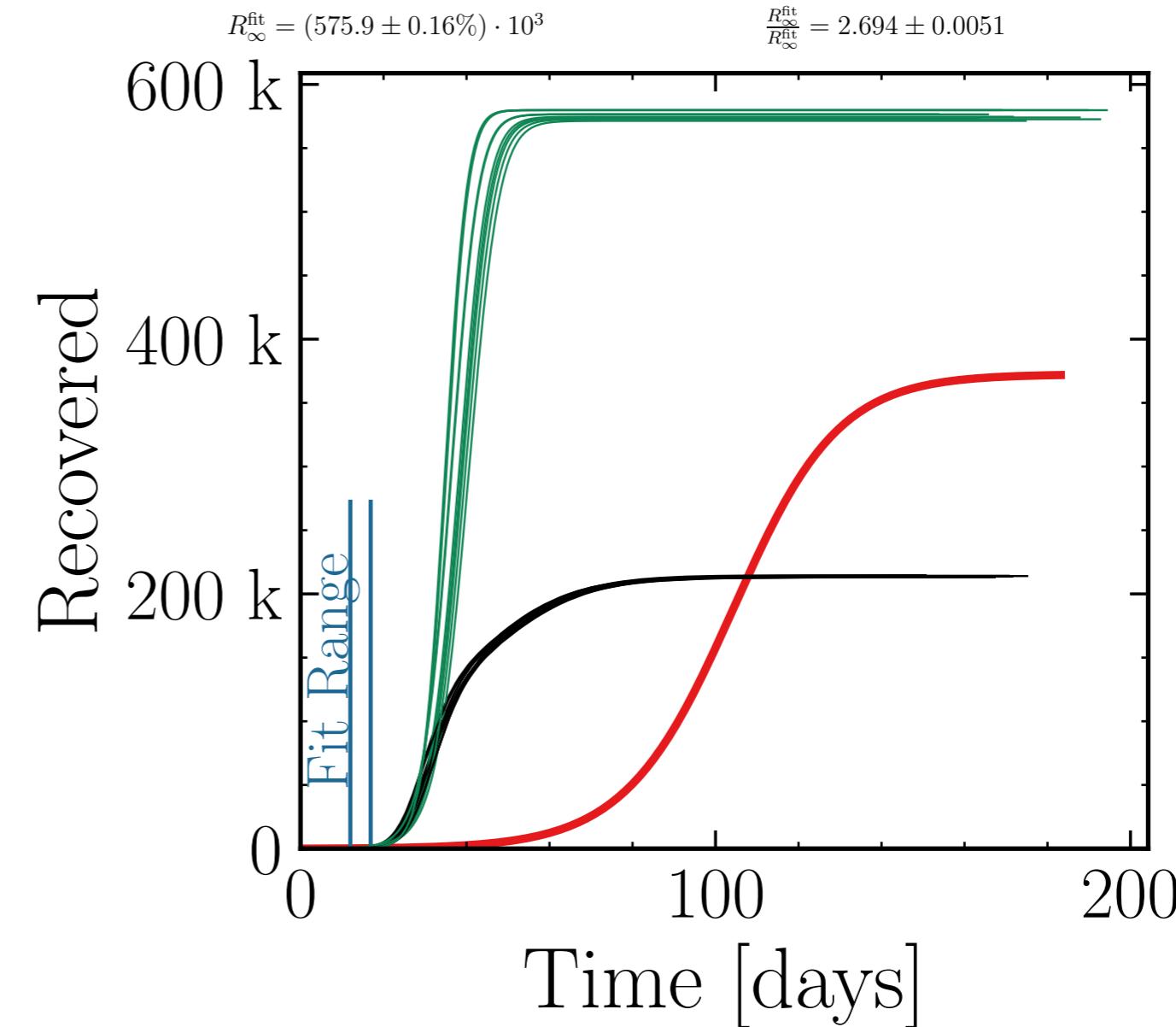
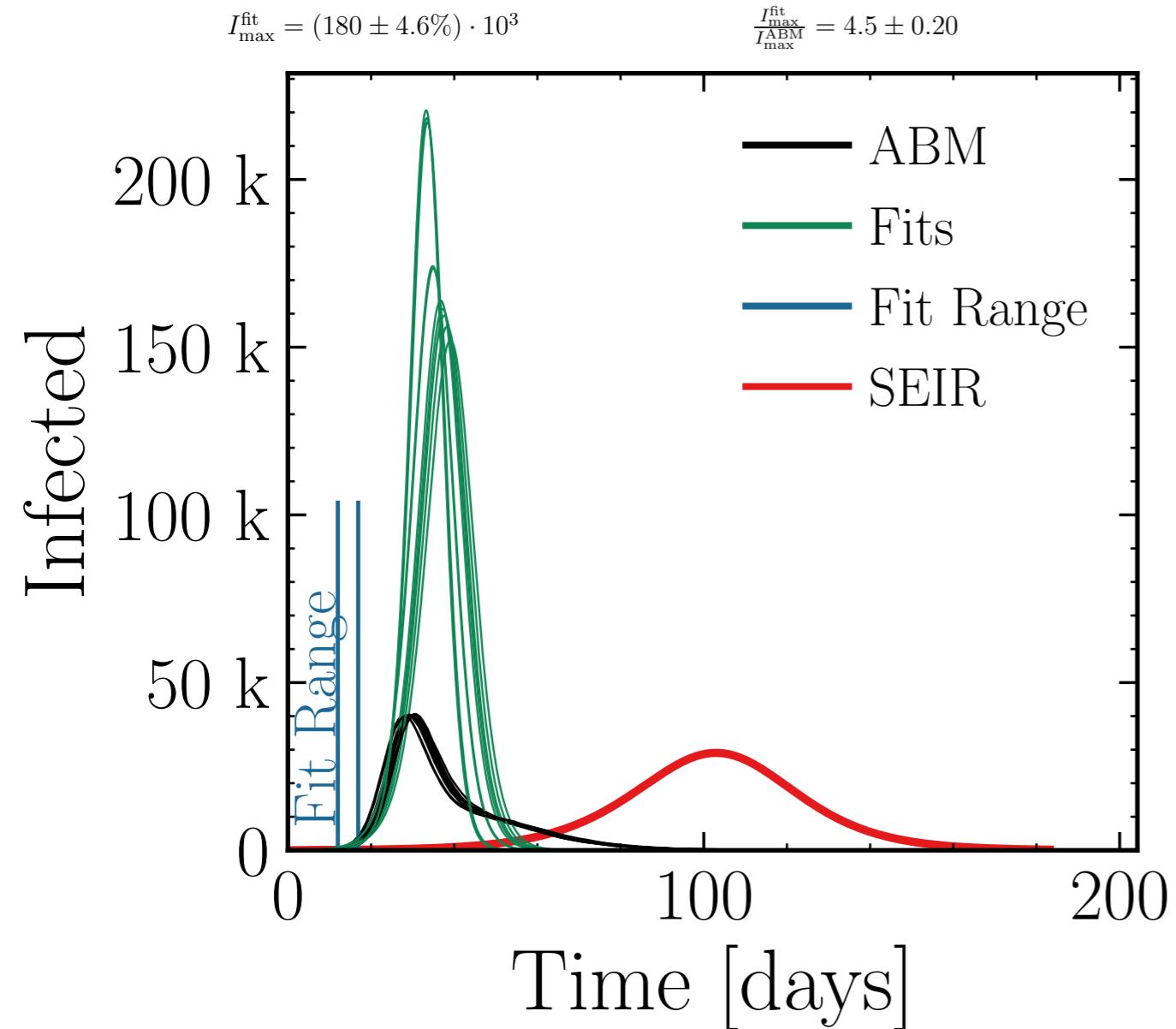
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.5$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 5866daa2d9, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.5$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 6484c0f3d3, #10

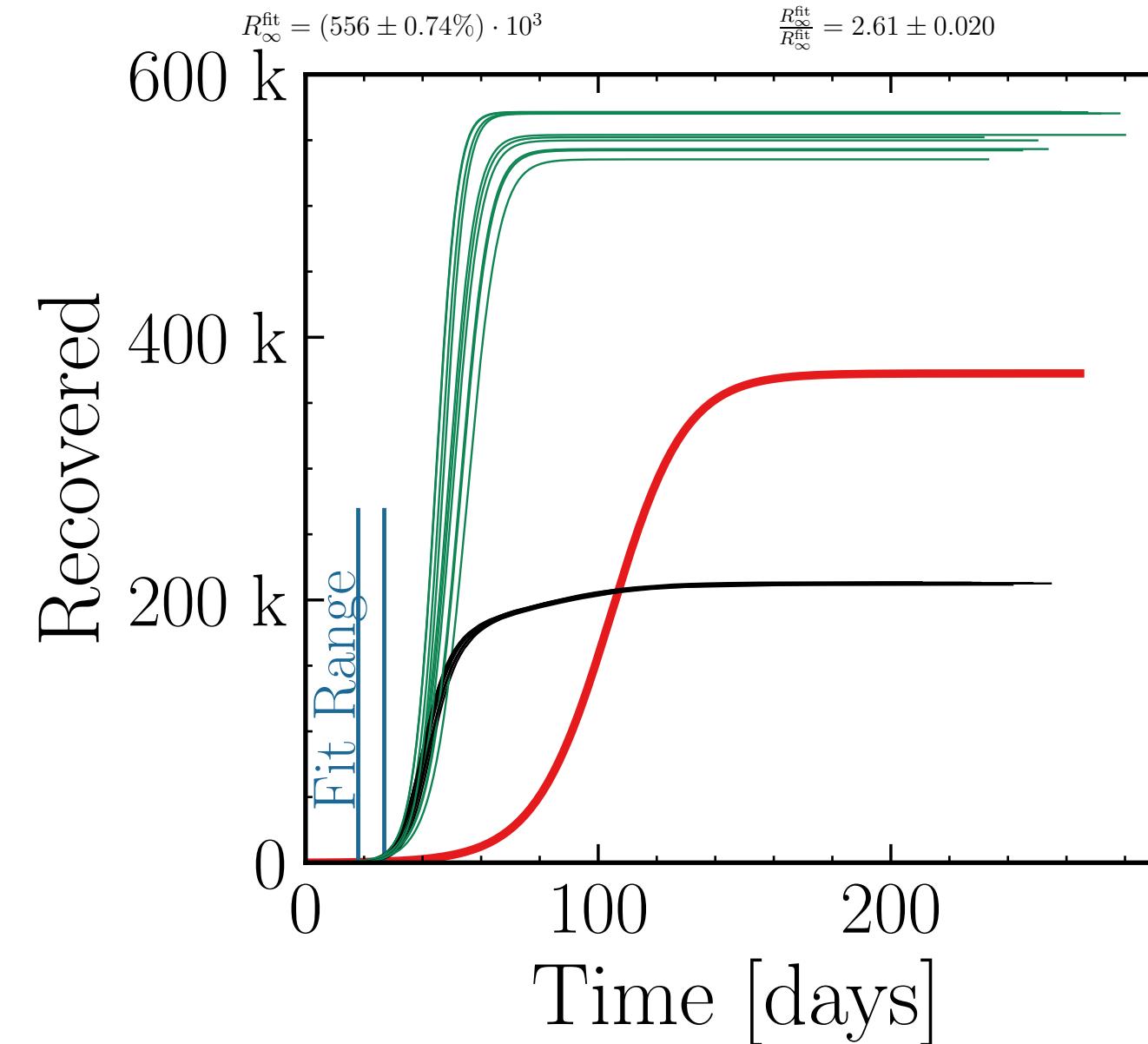
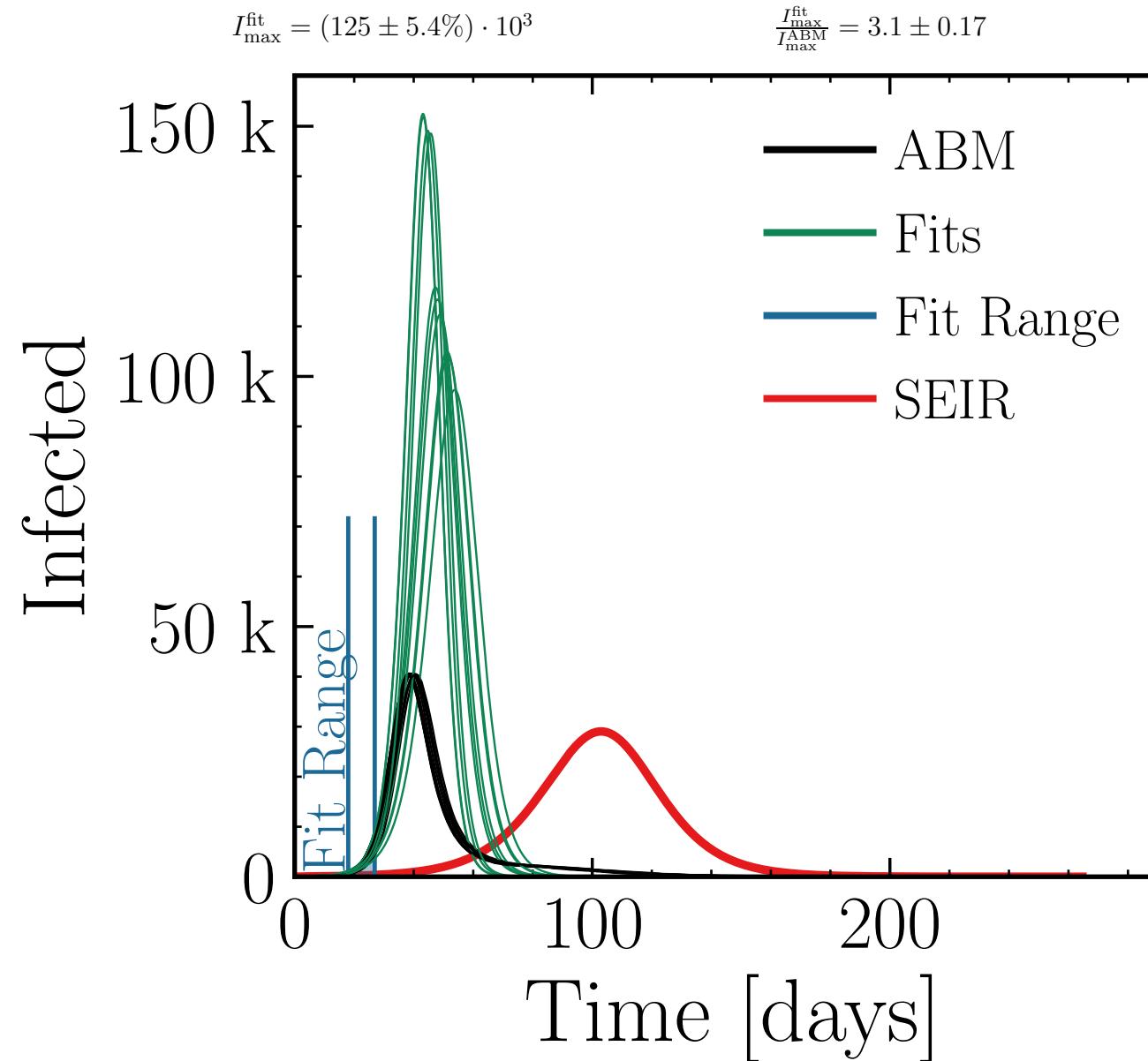


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.25$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d46dc66a94, #10



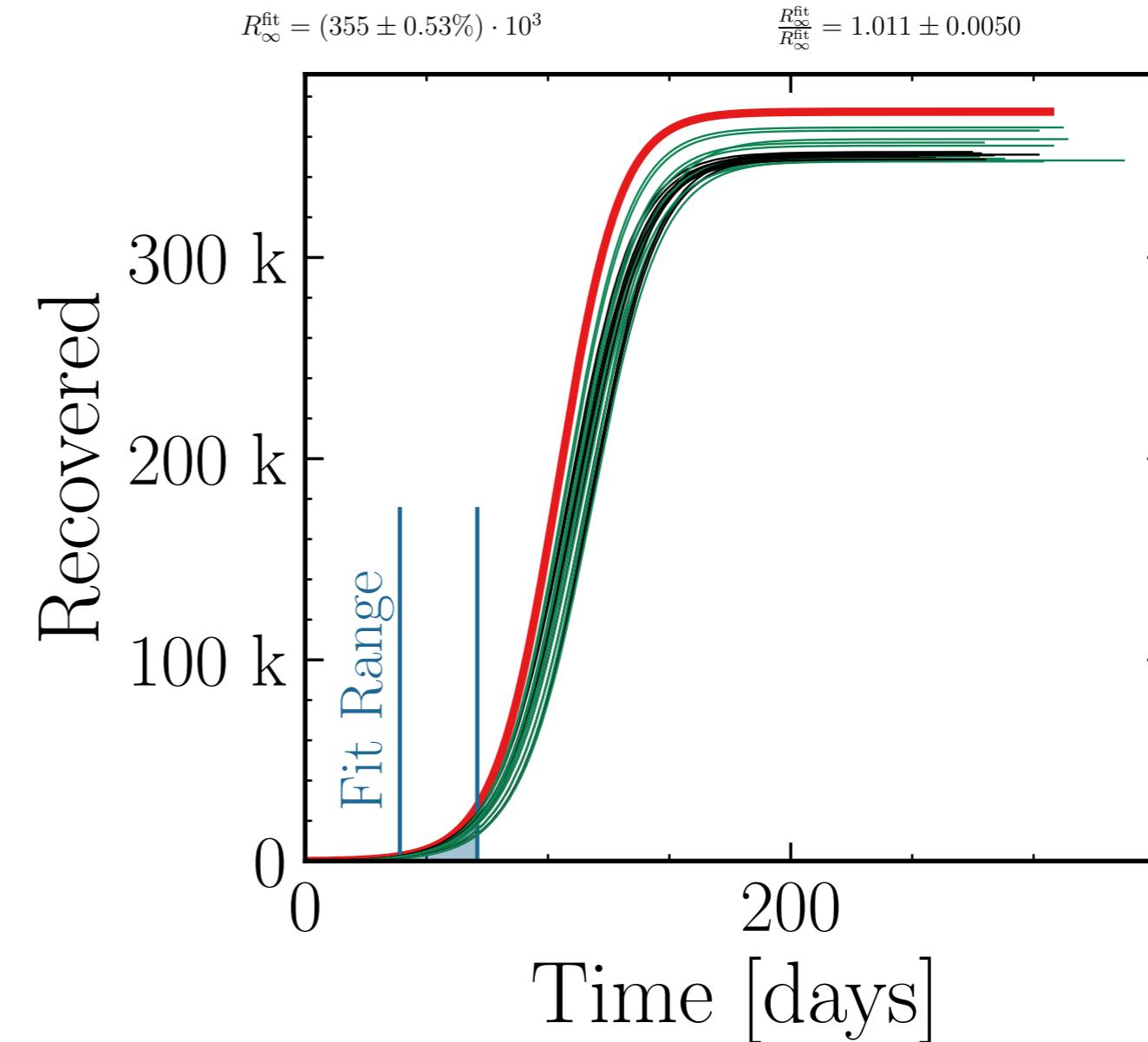
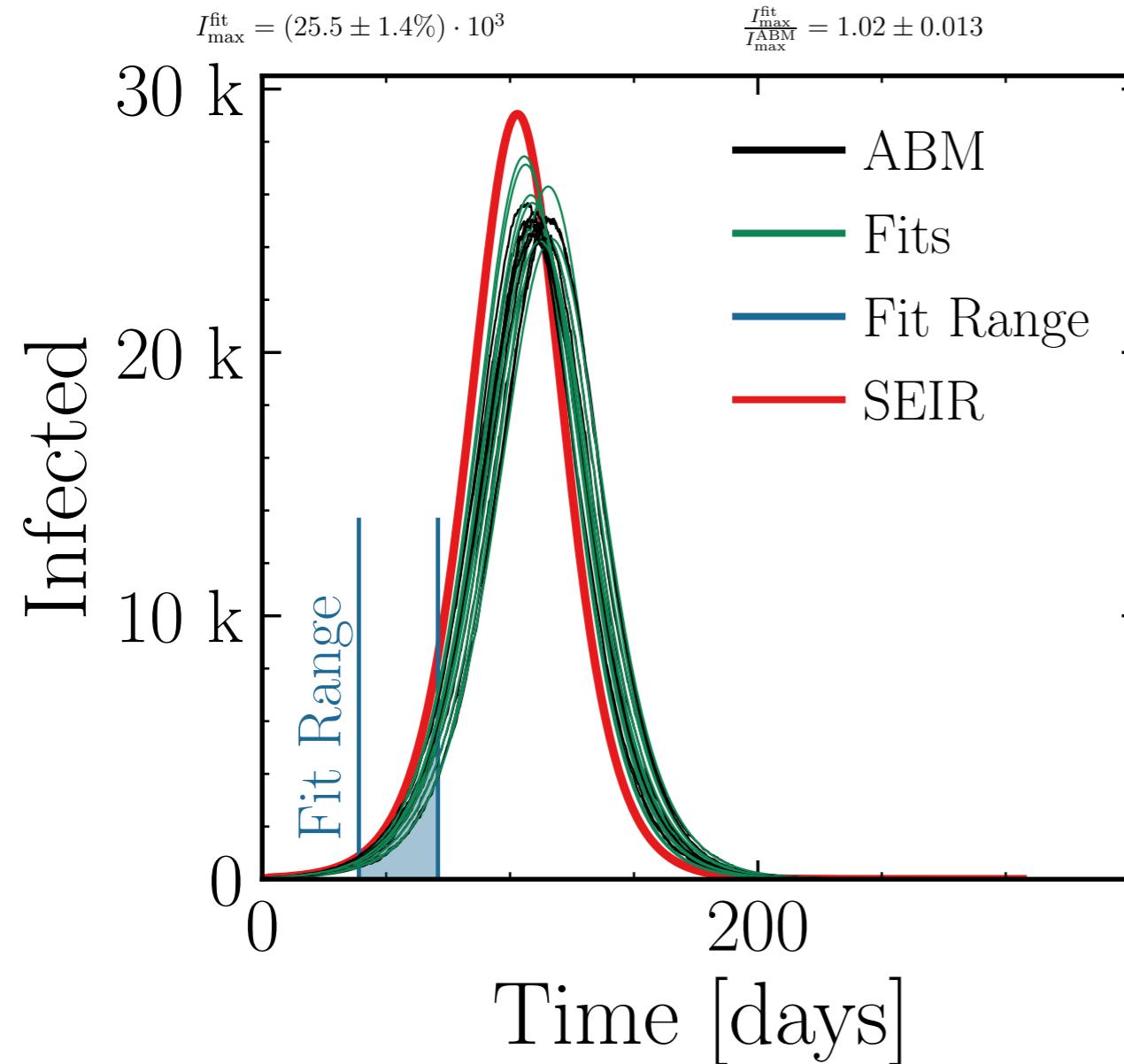
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$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = adc88d7da0, #10



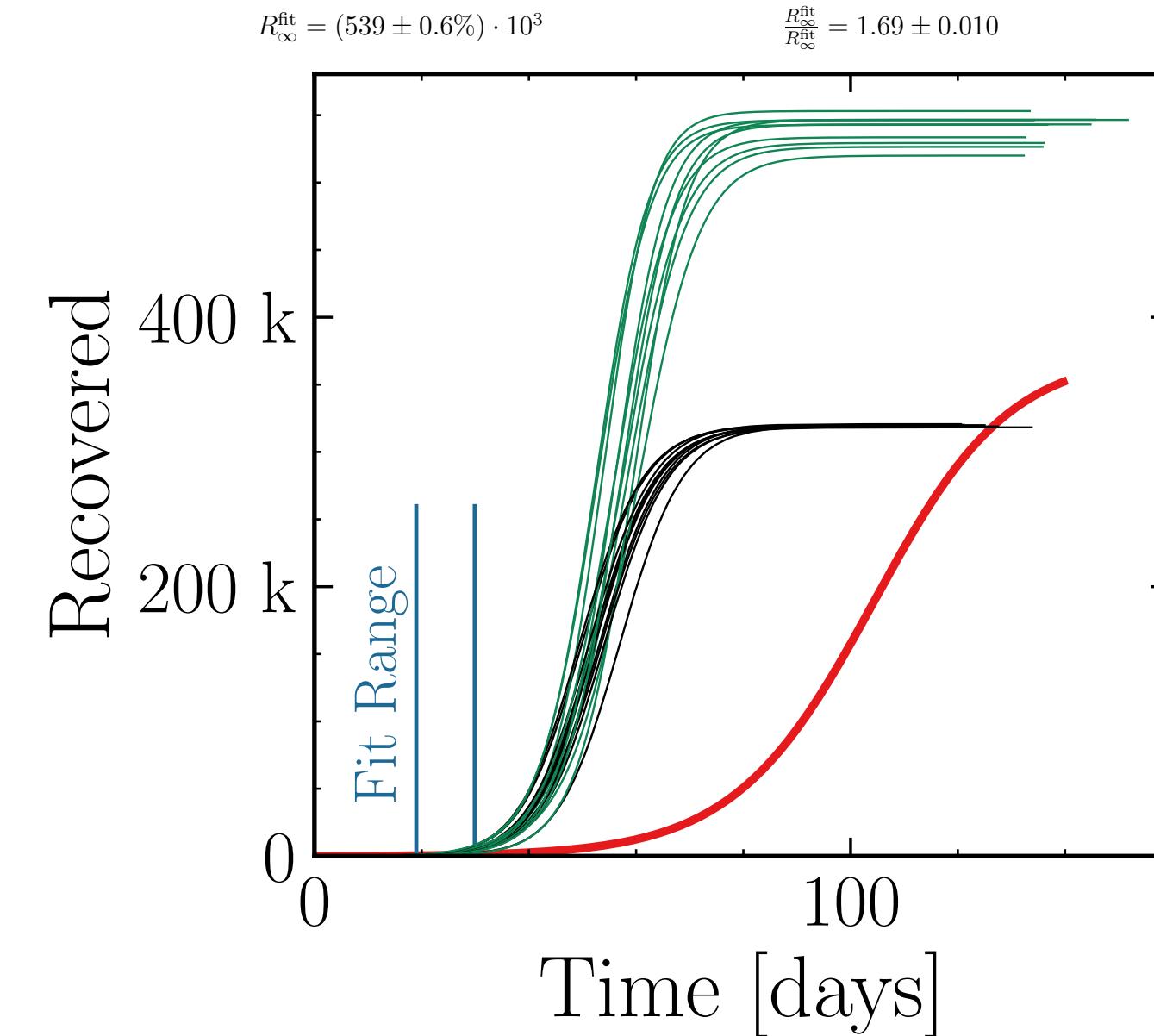
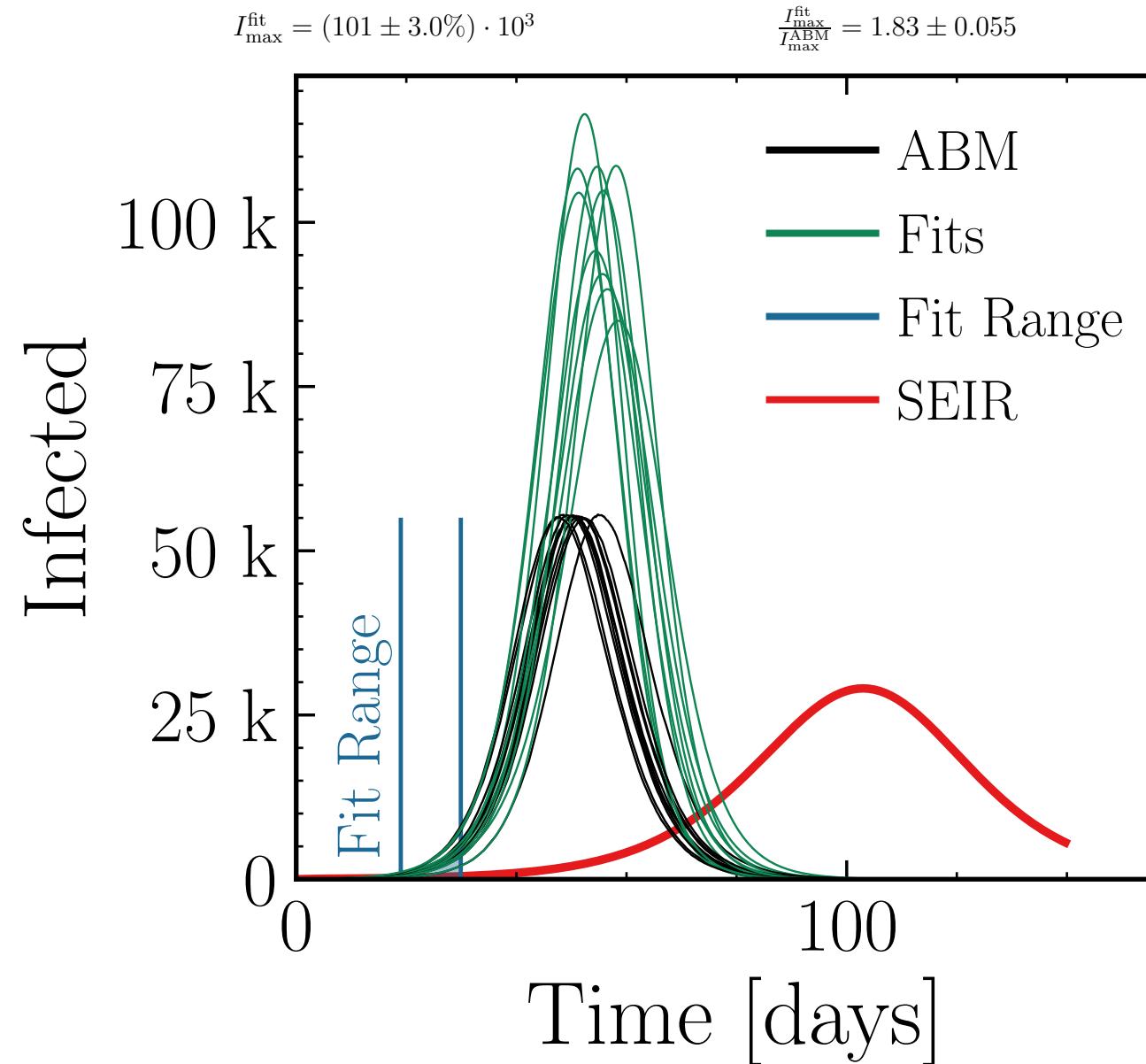
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.75$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = b16f978c49, #10

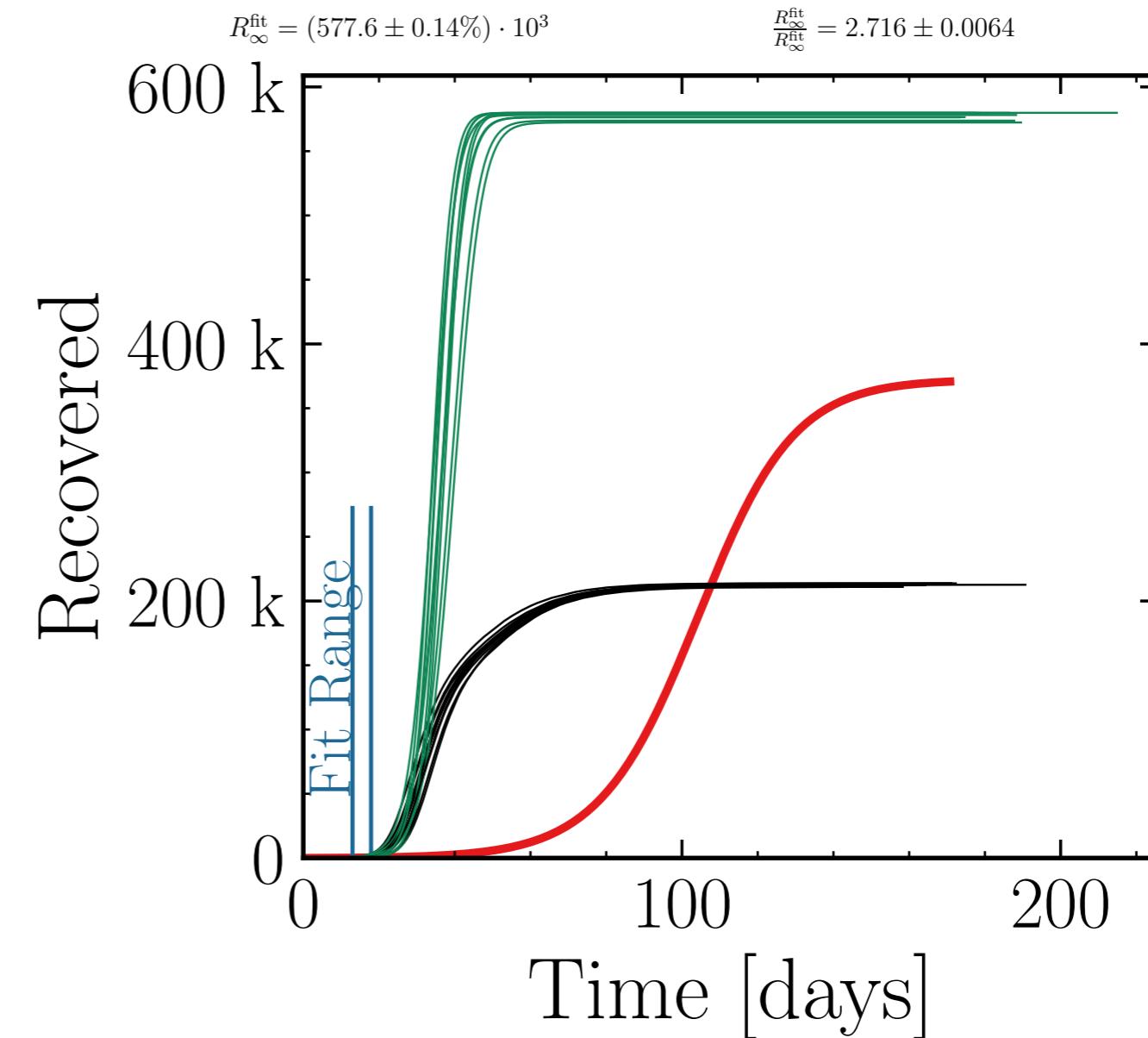
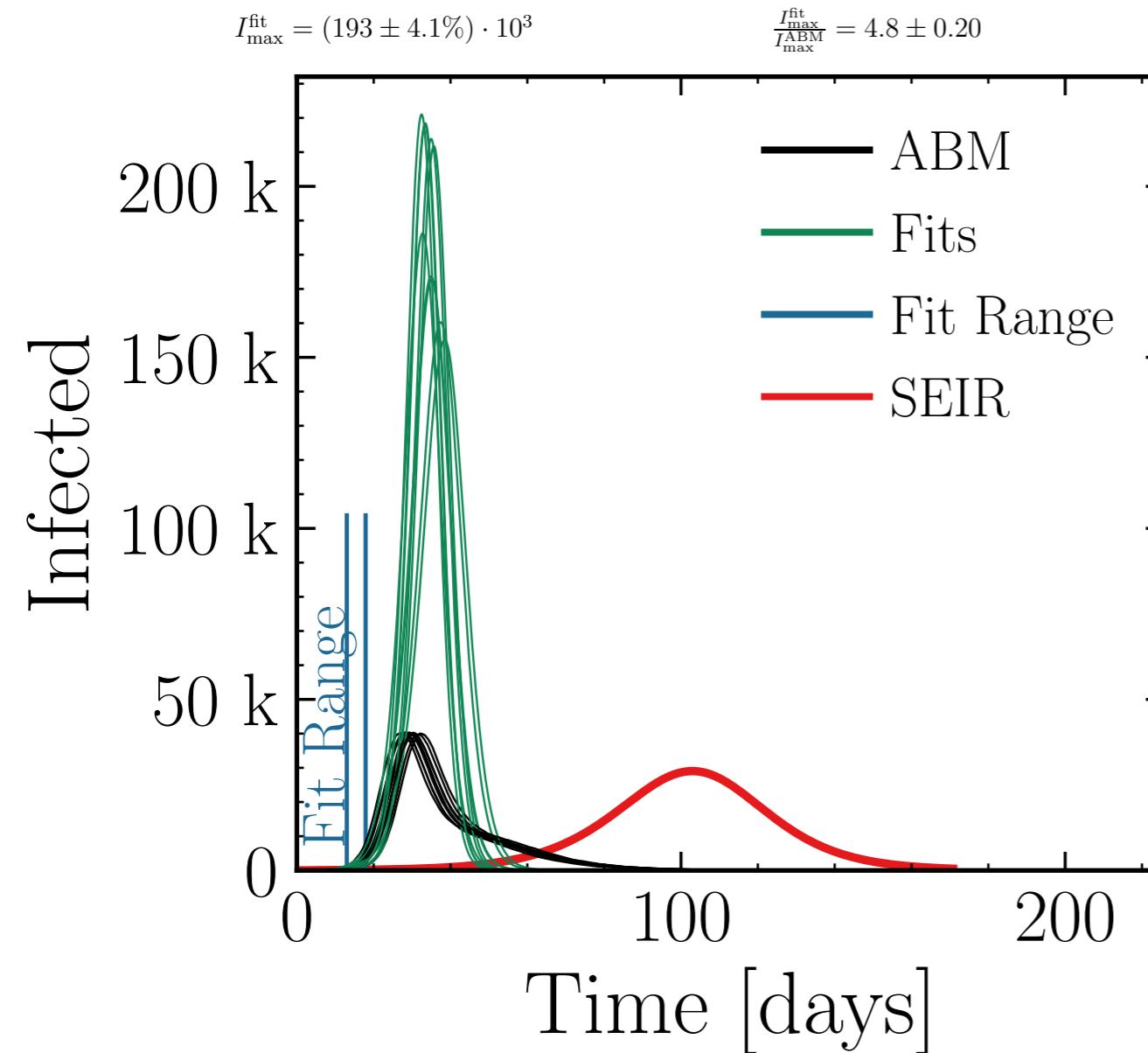


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 1$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.75$ , algo = 2,  $N_{\text{init}} = 100$

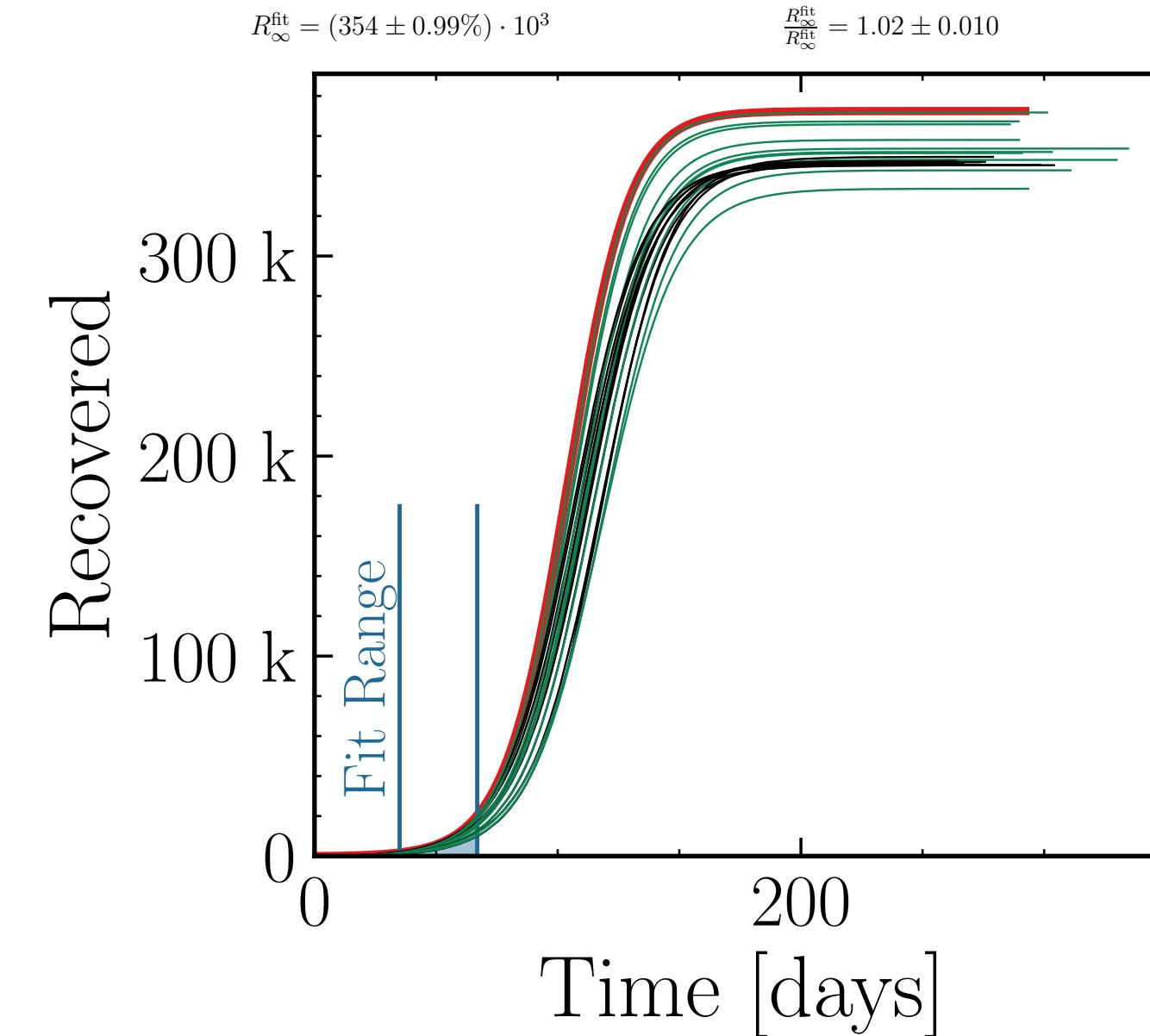
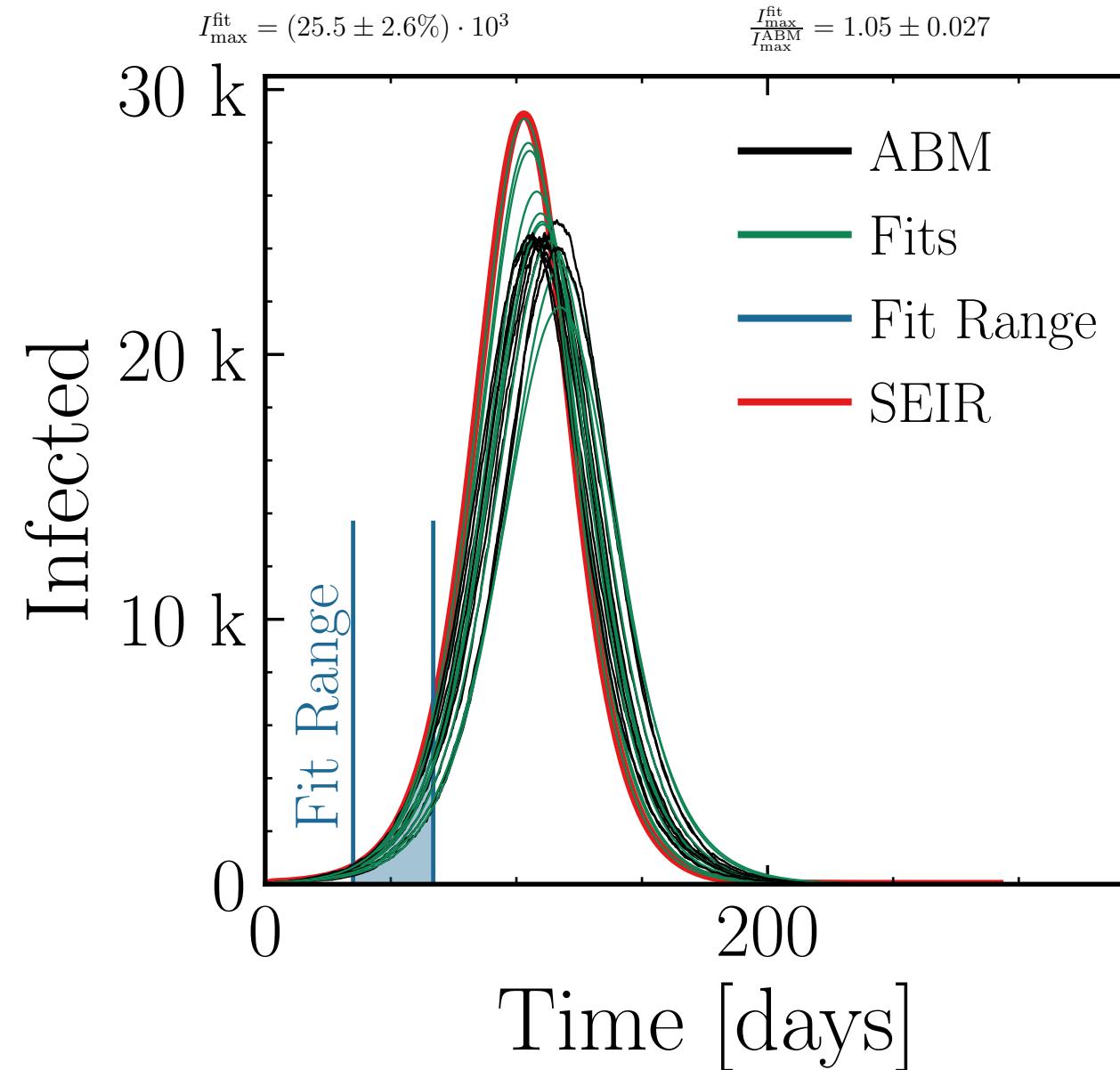
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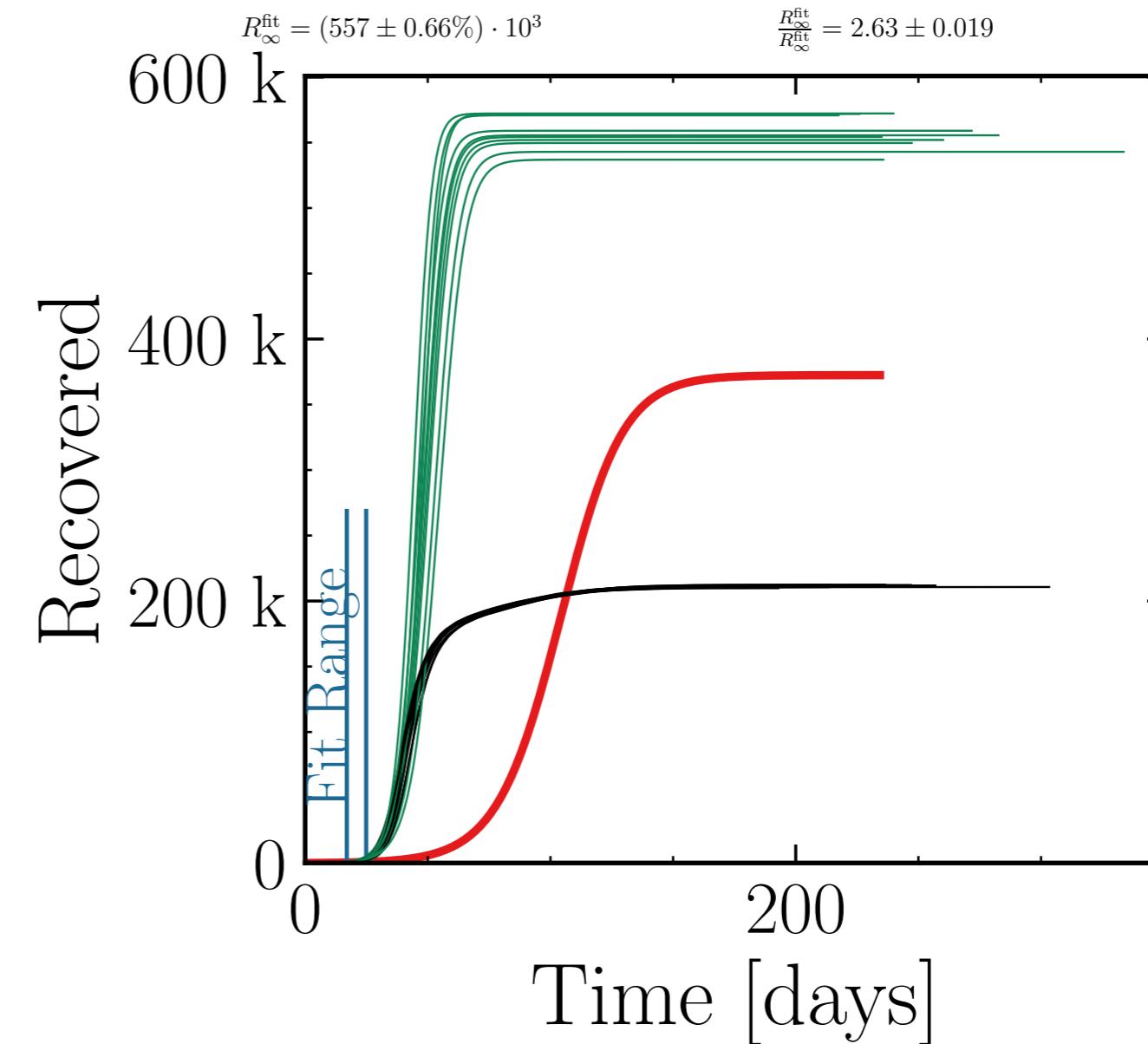
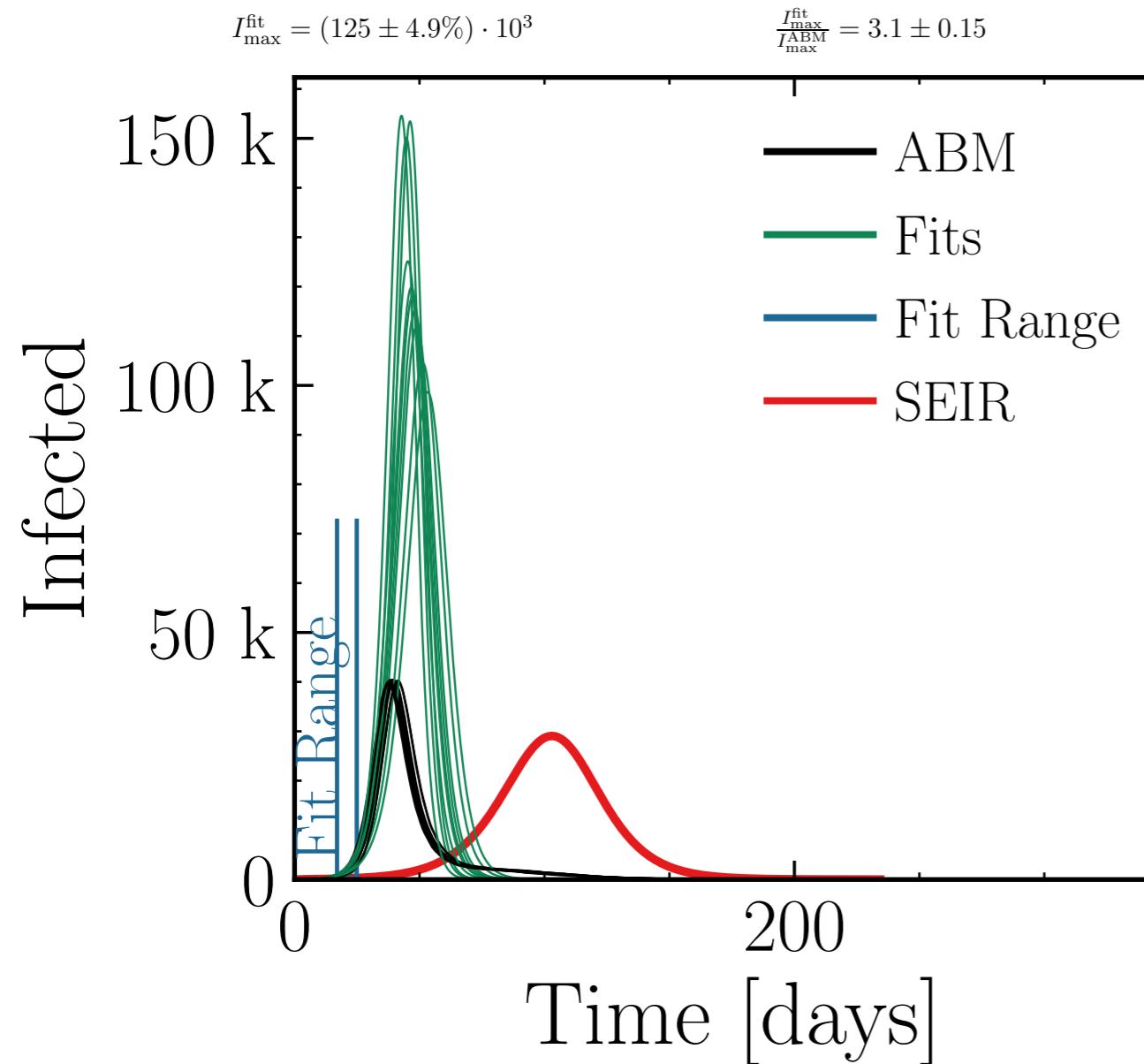
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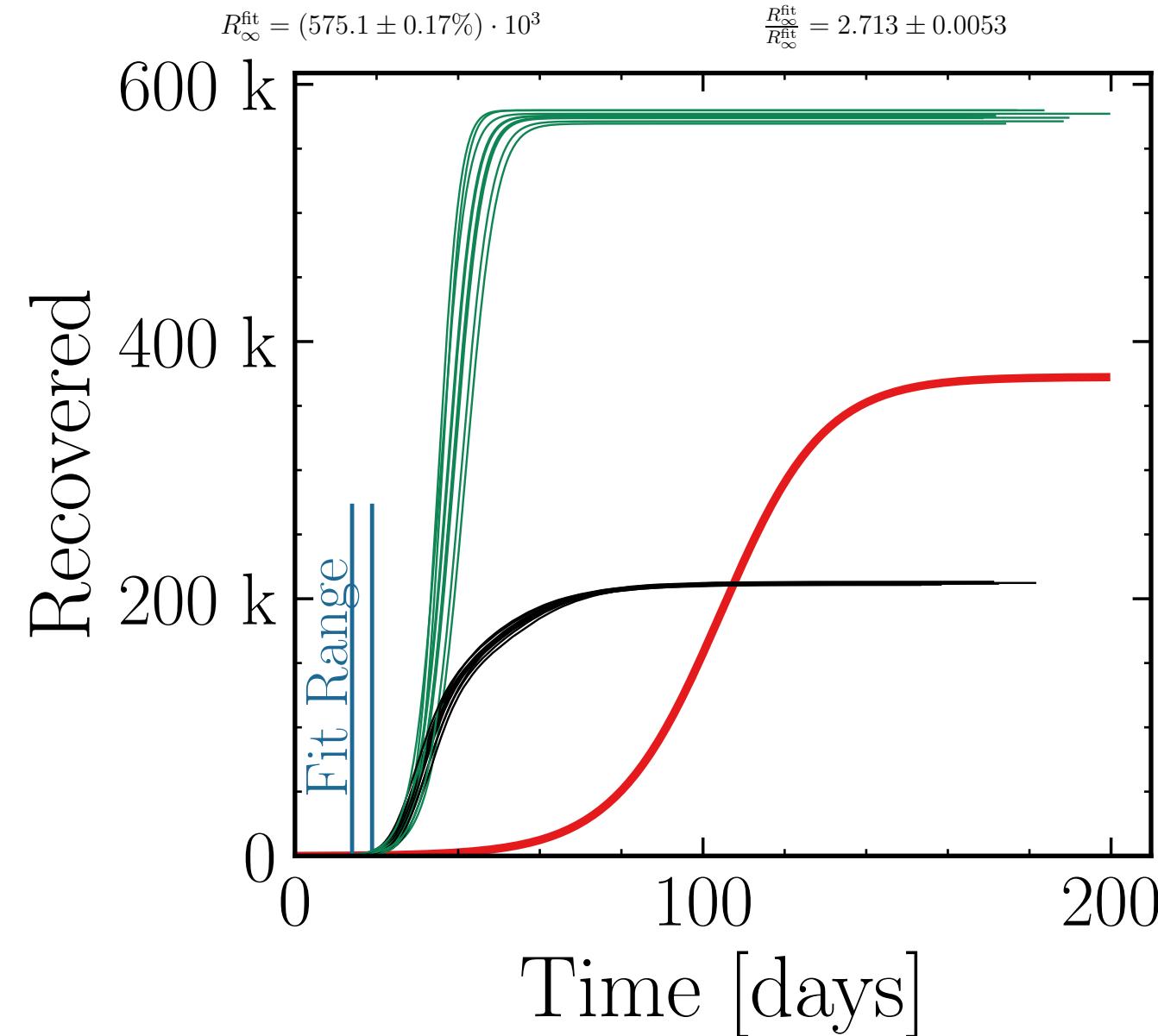
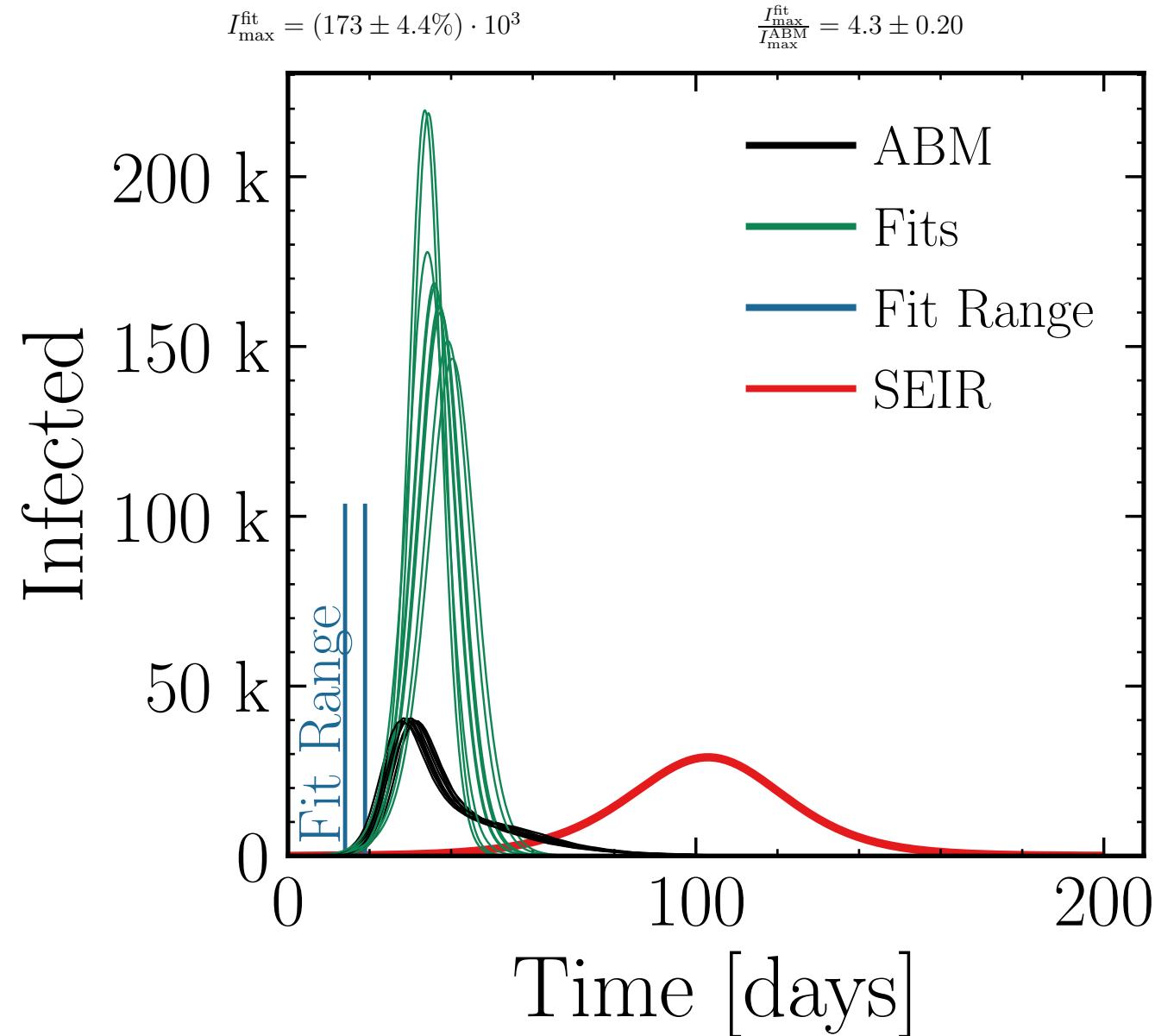
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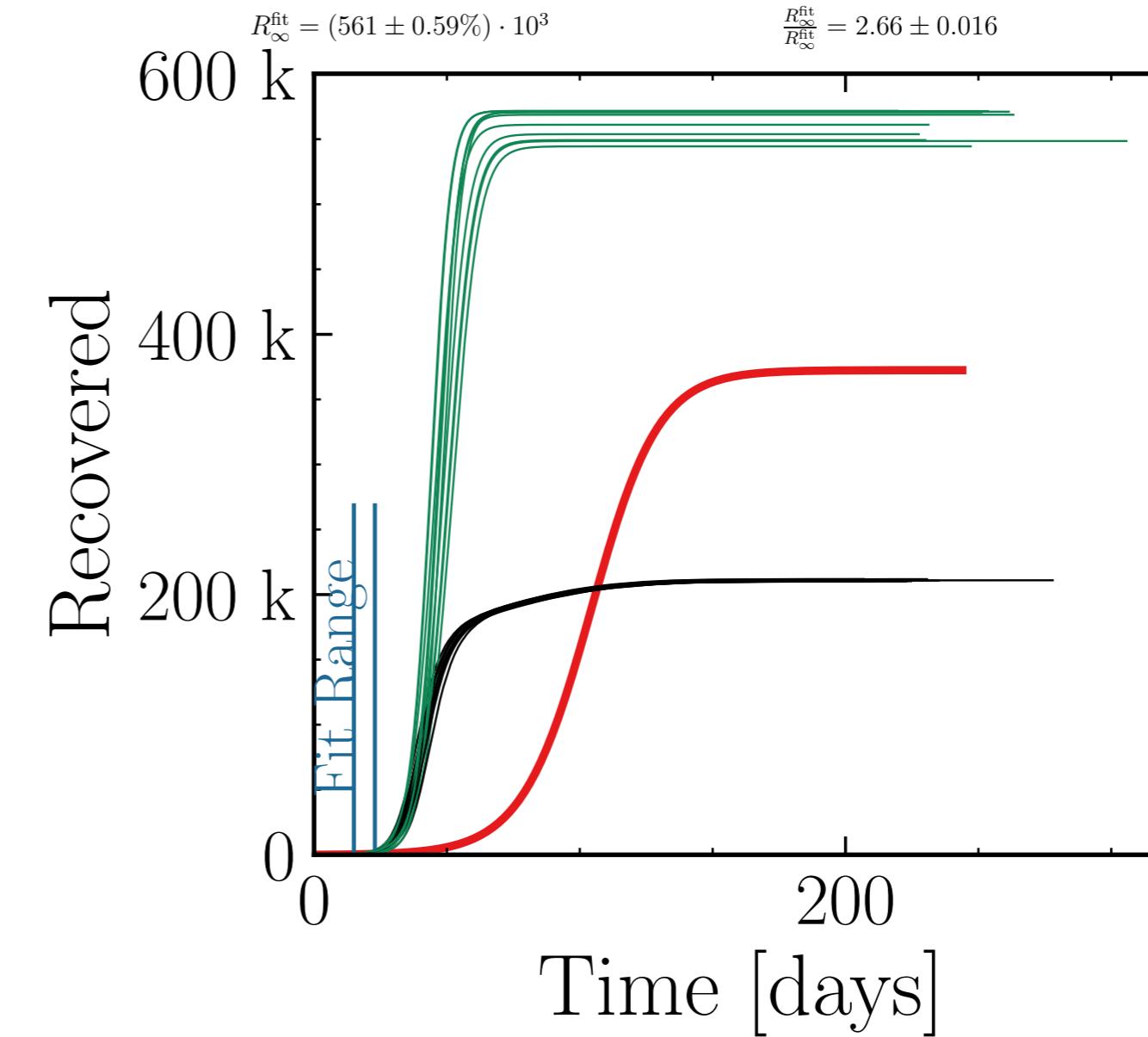
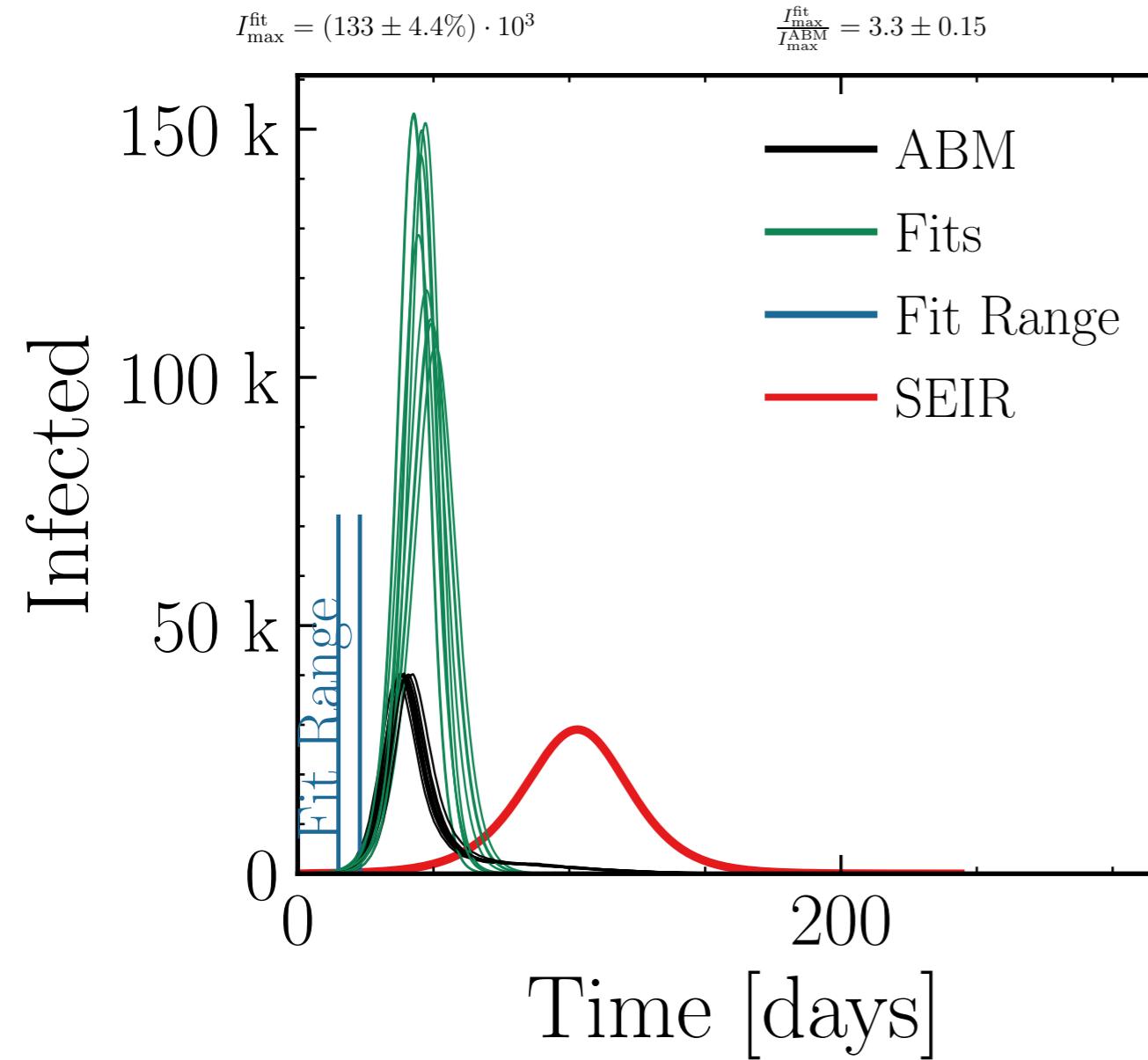
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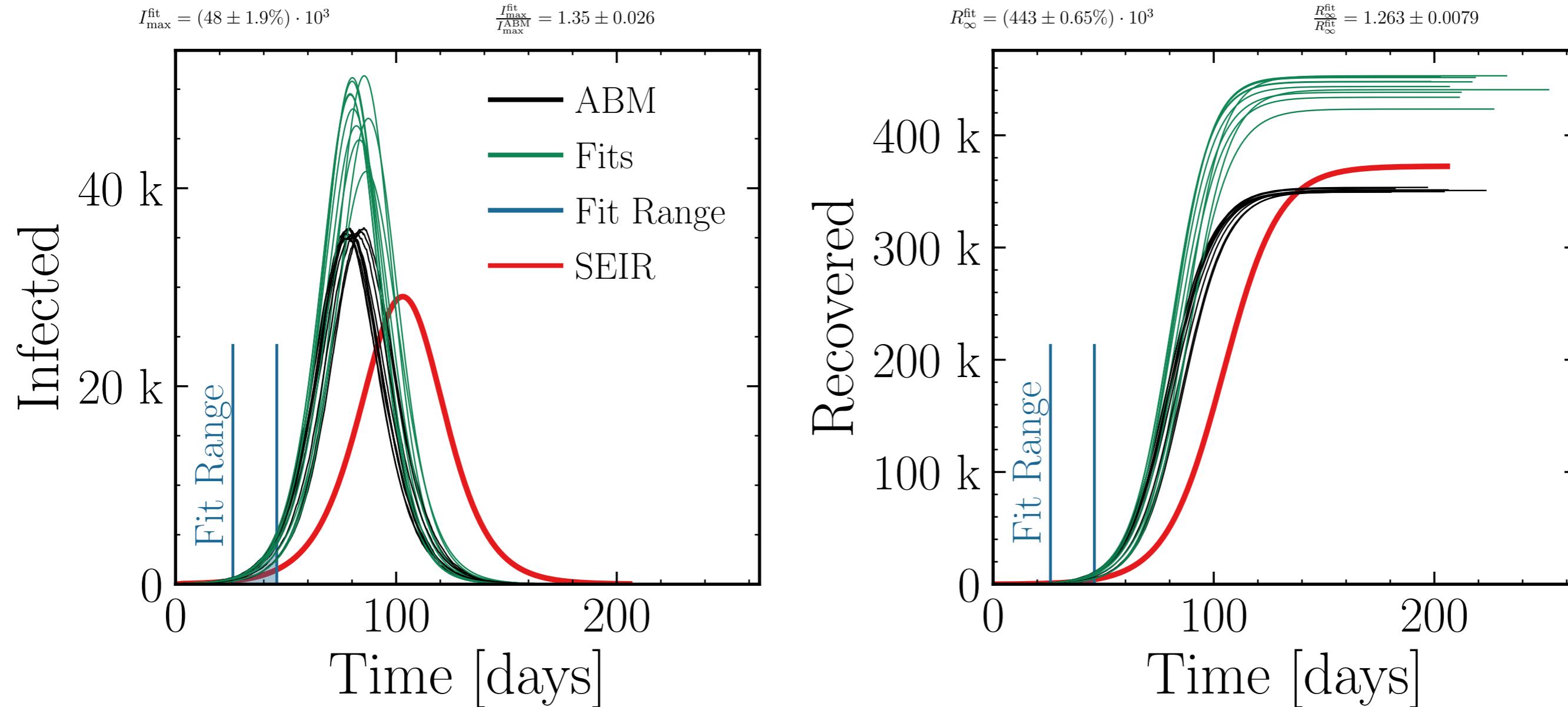
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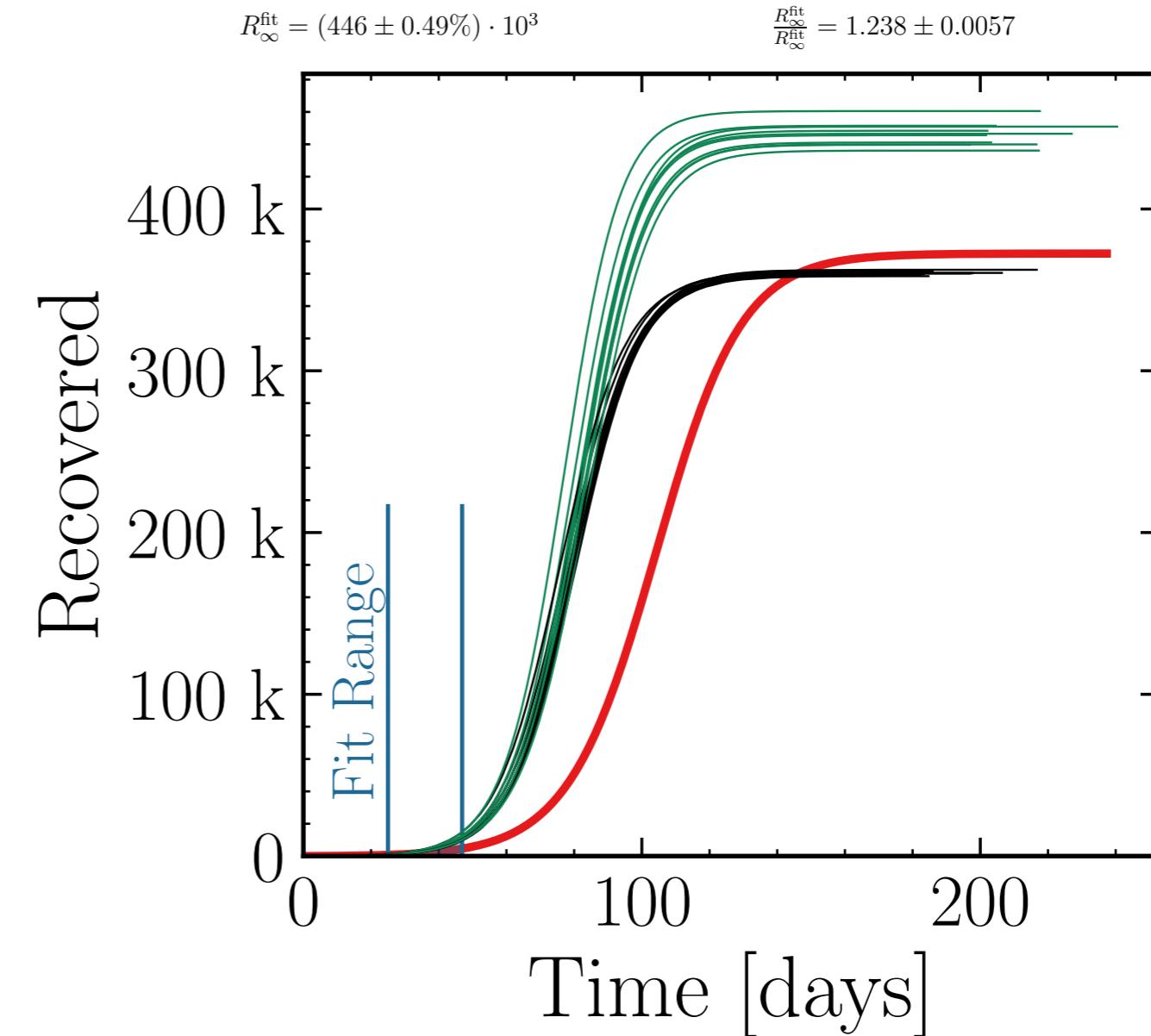
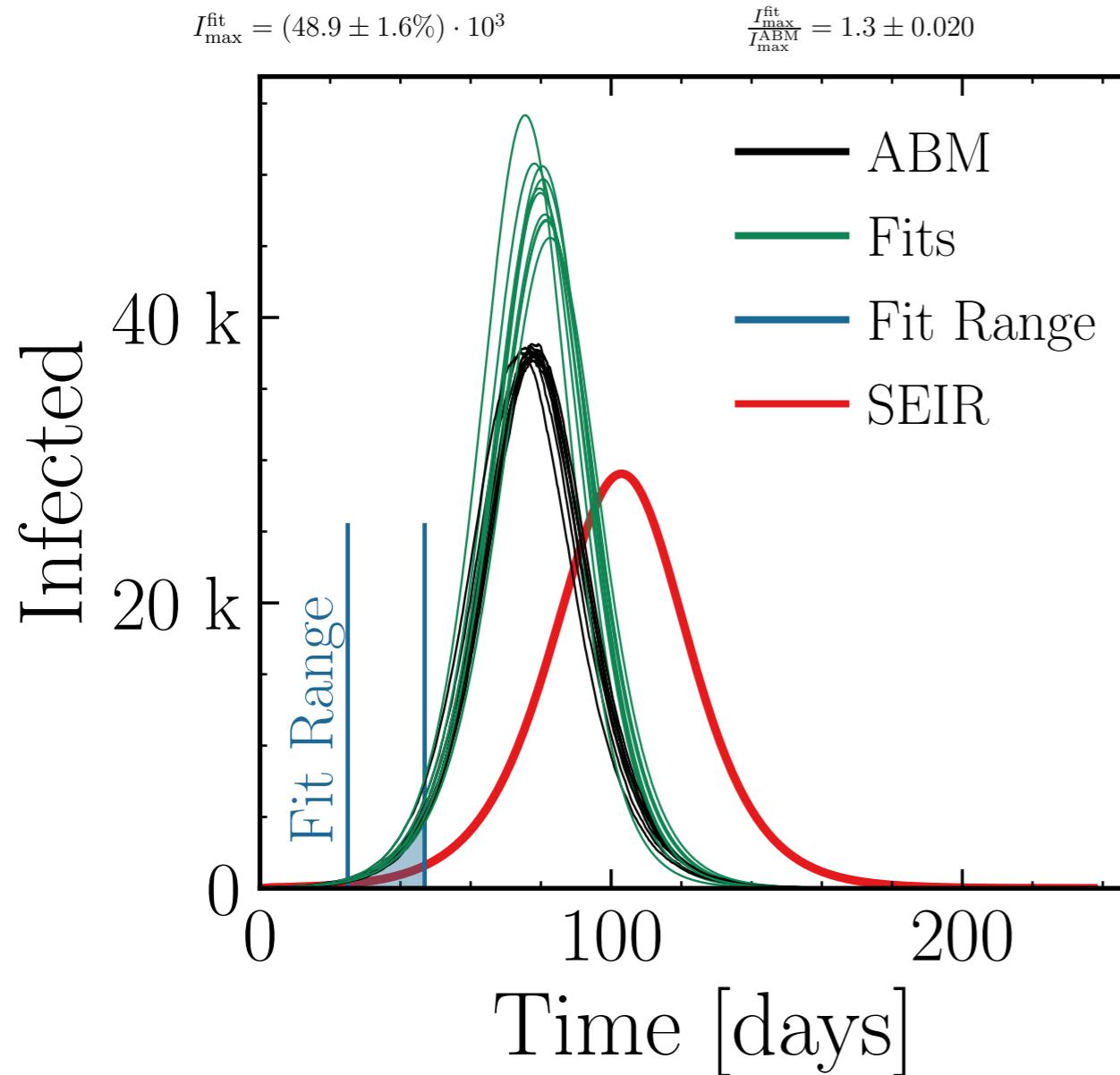
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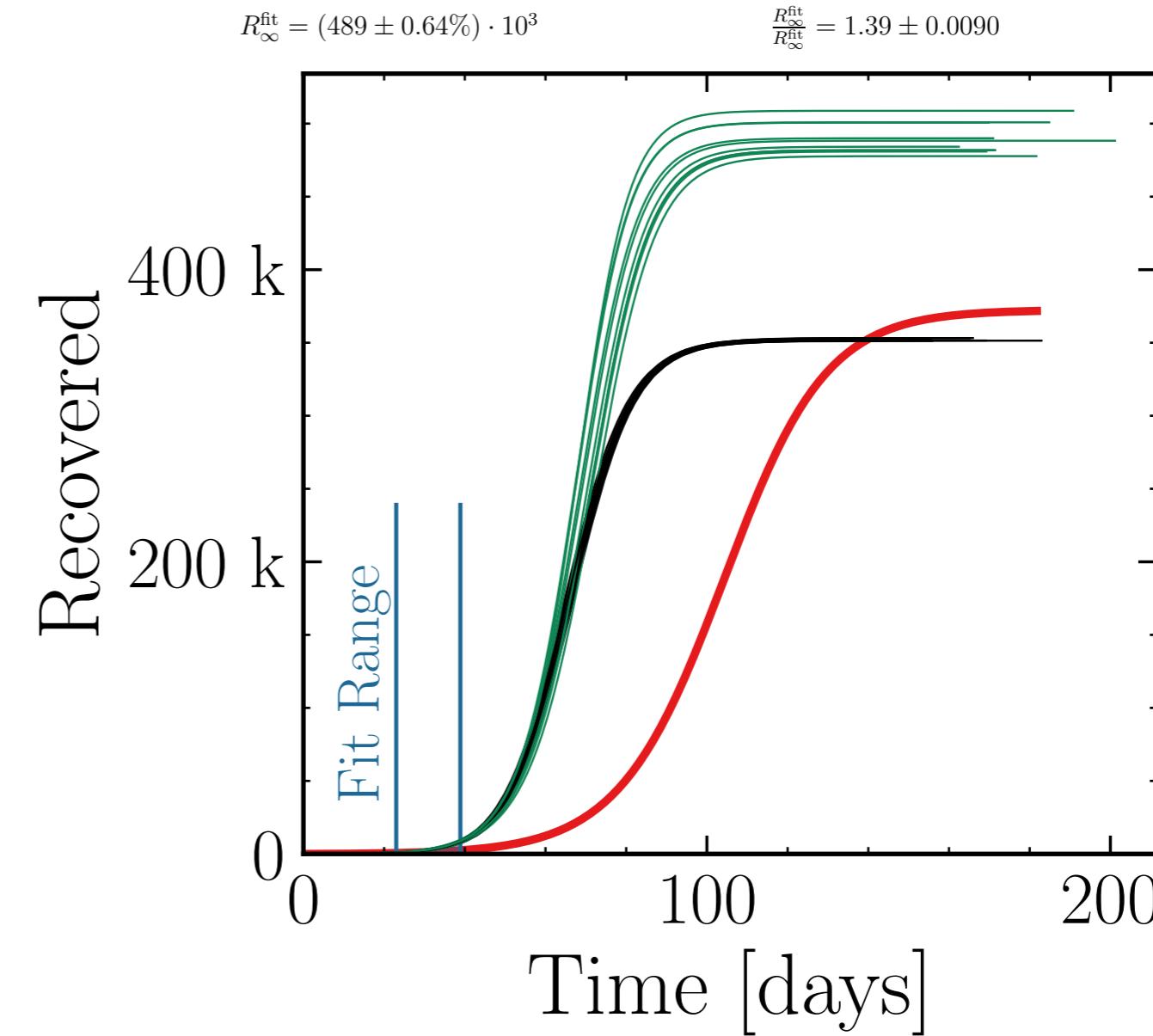
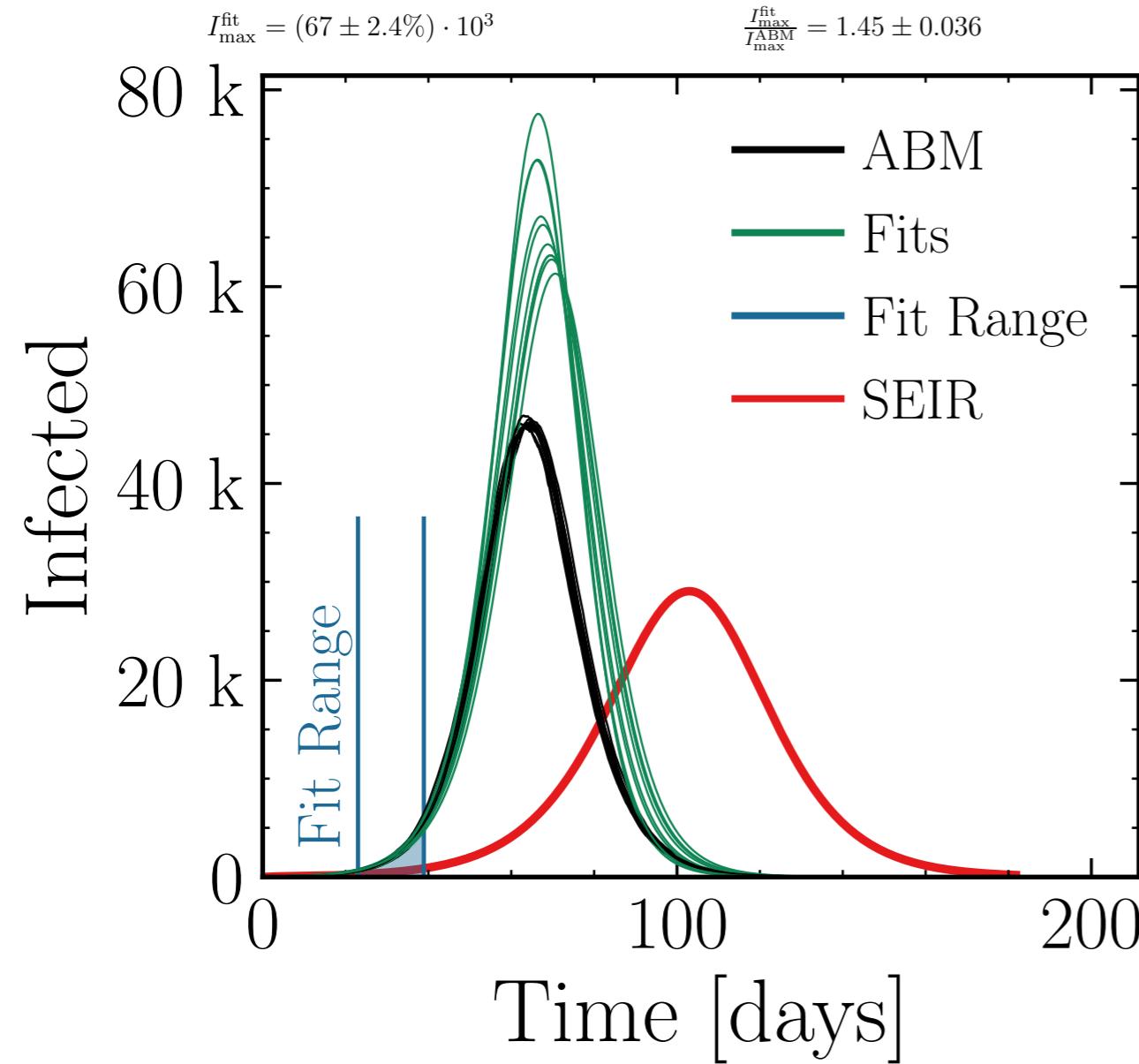
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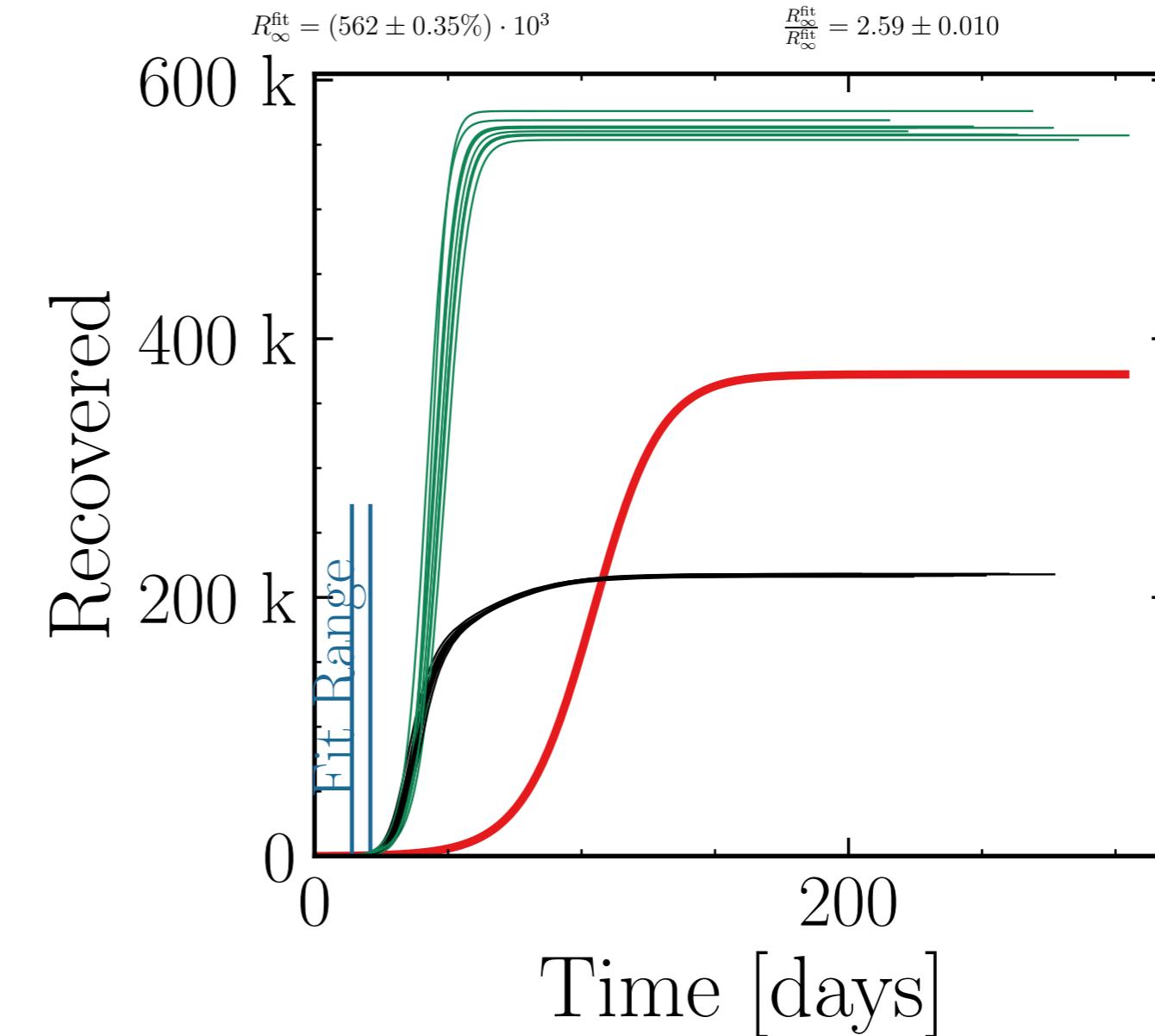
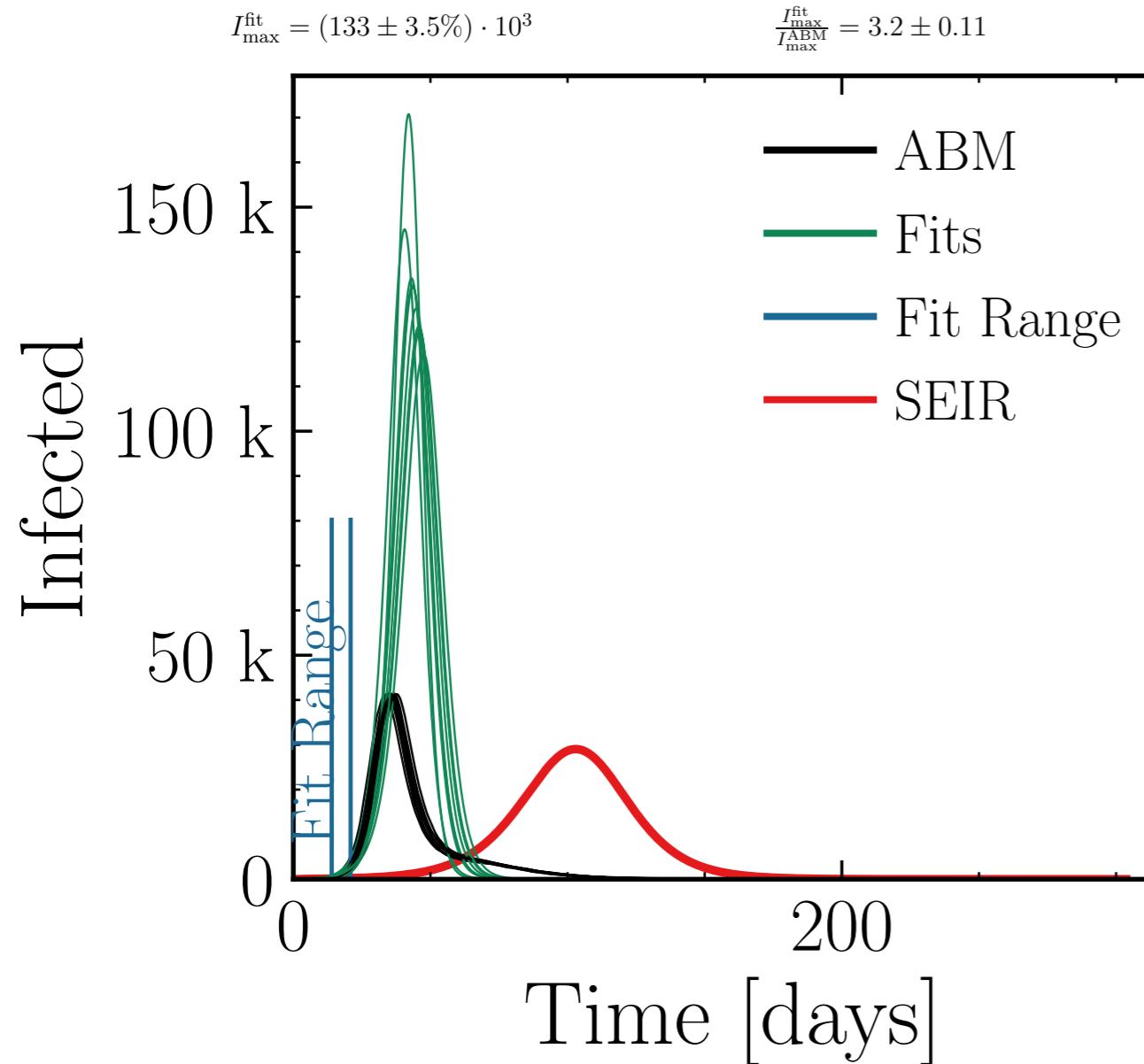
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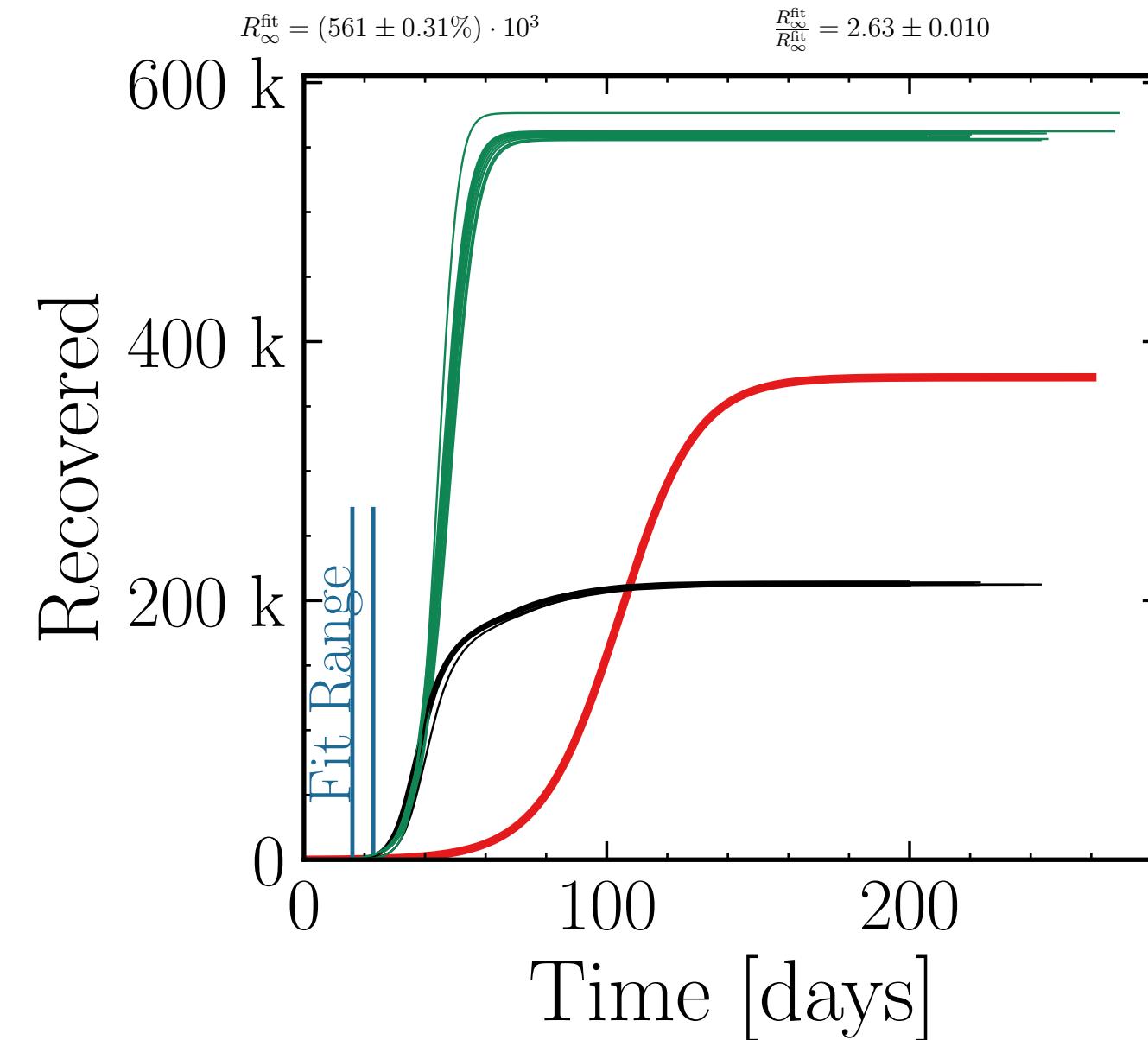
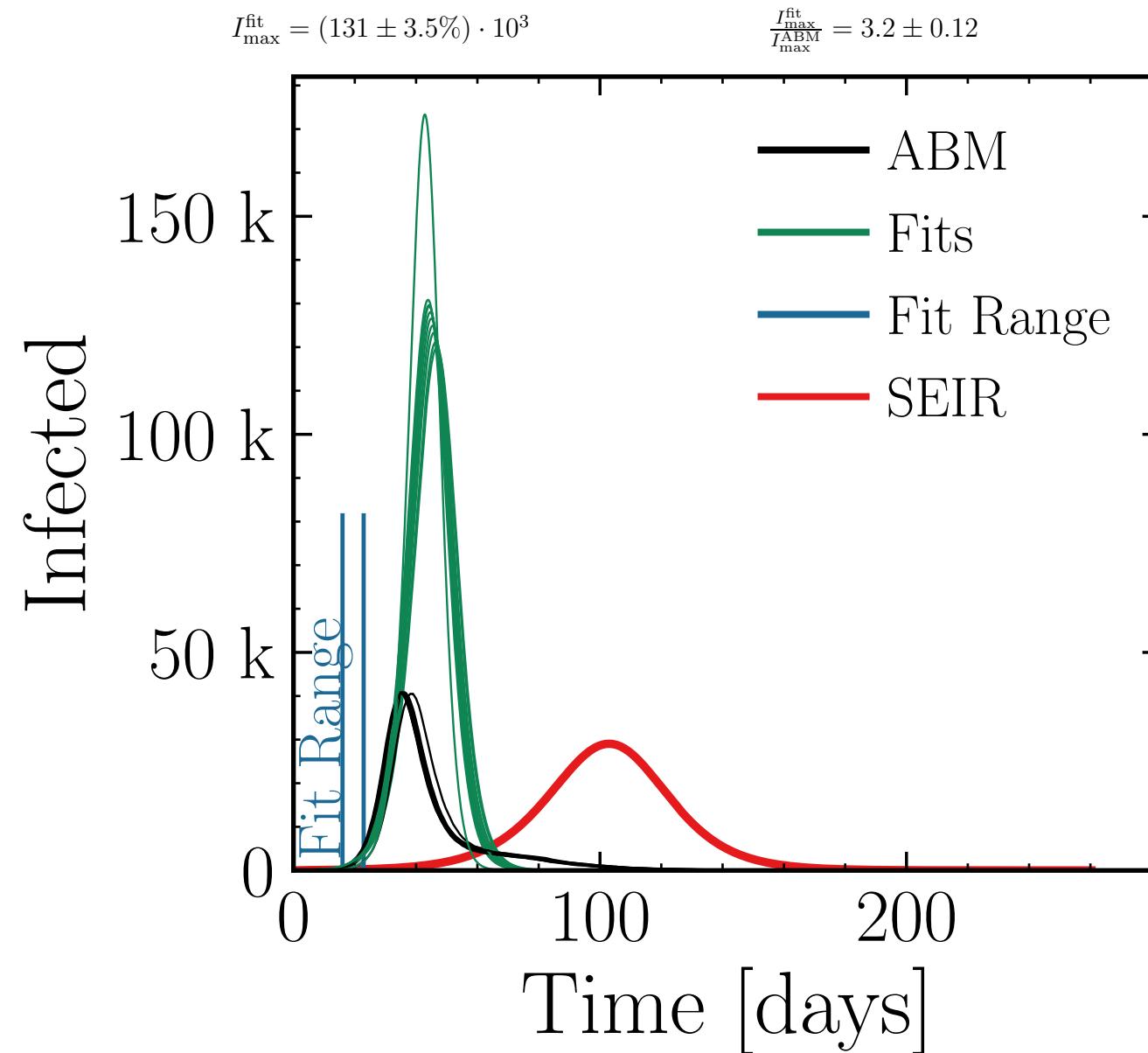
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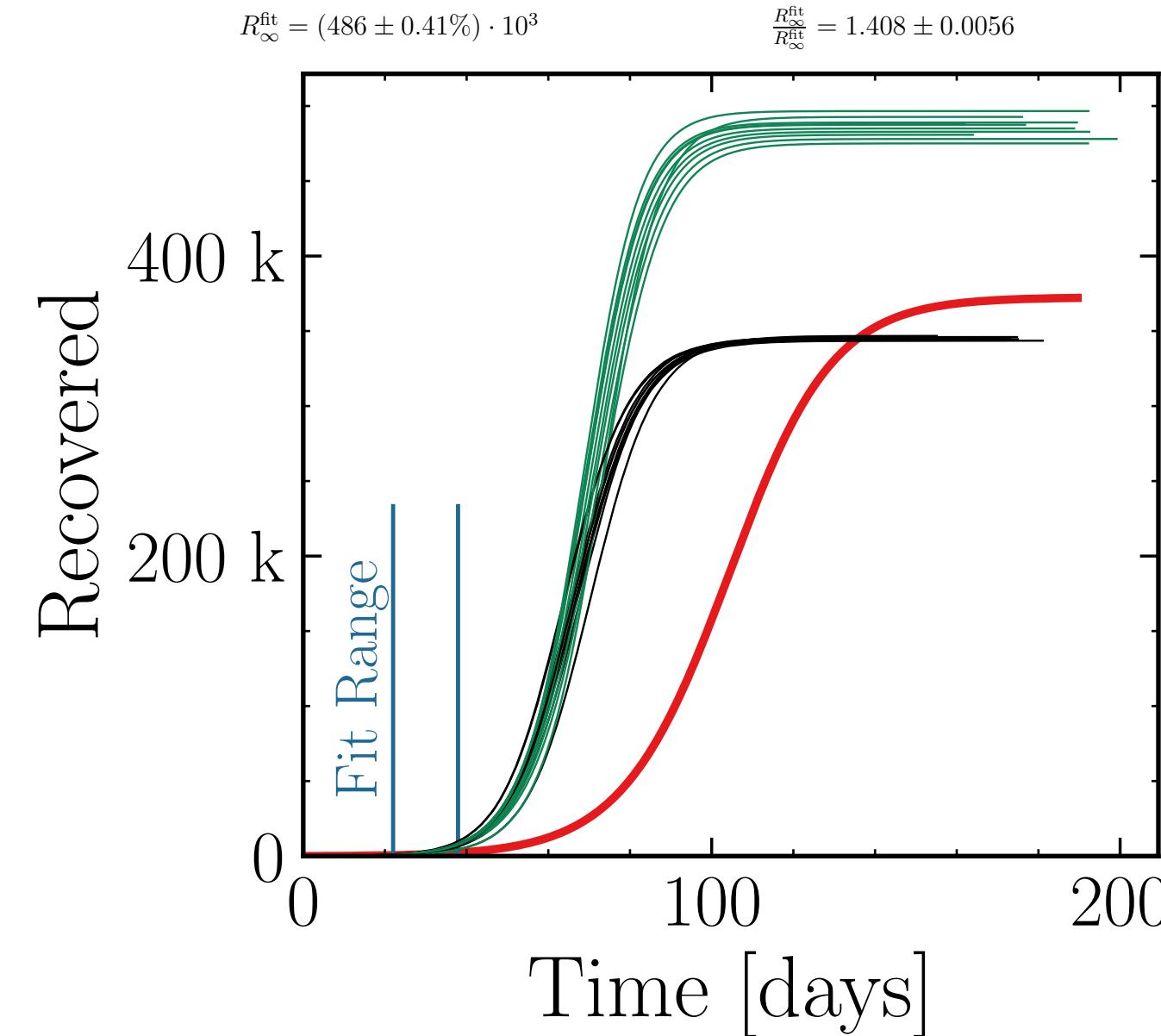
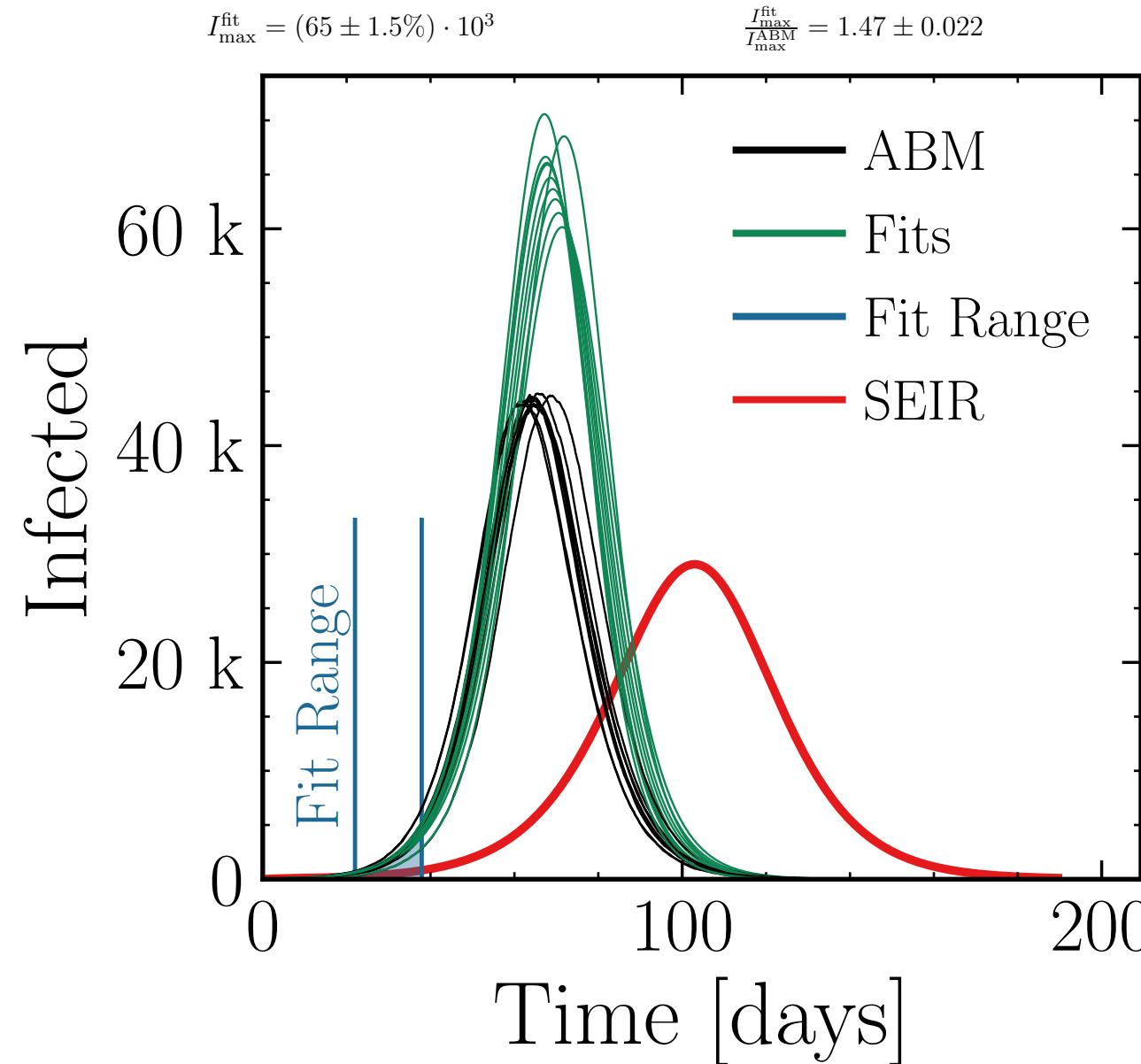
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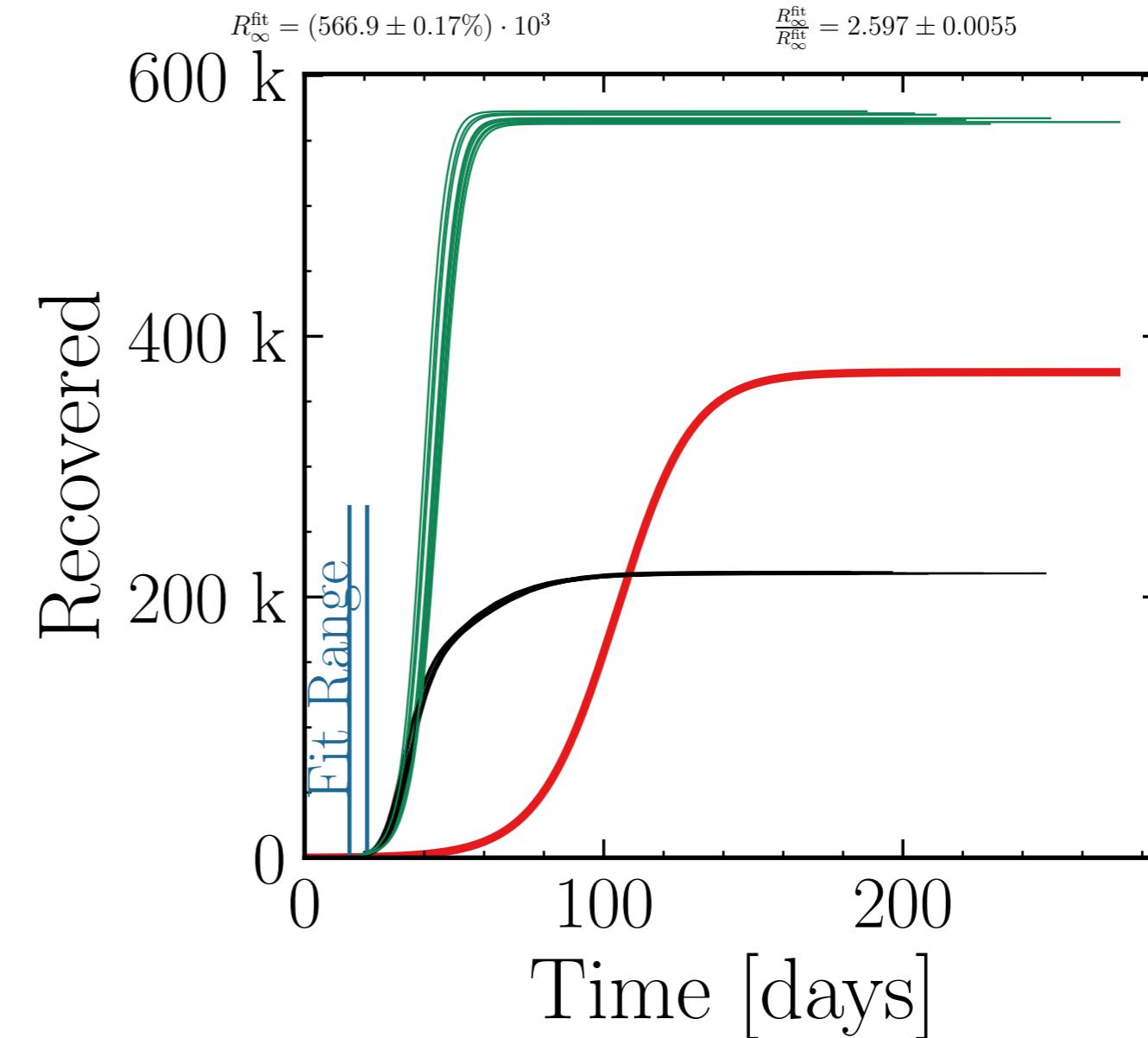
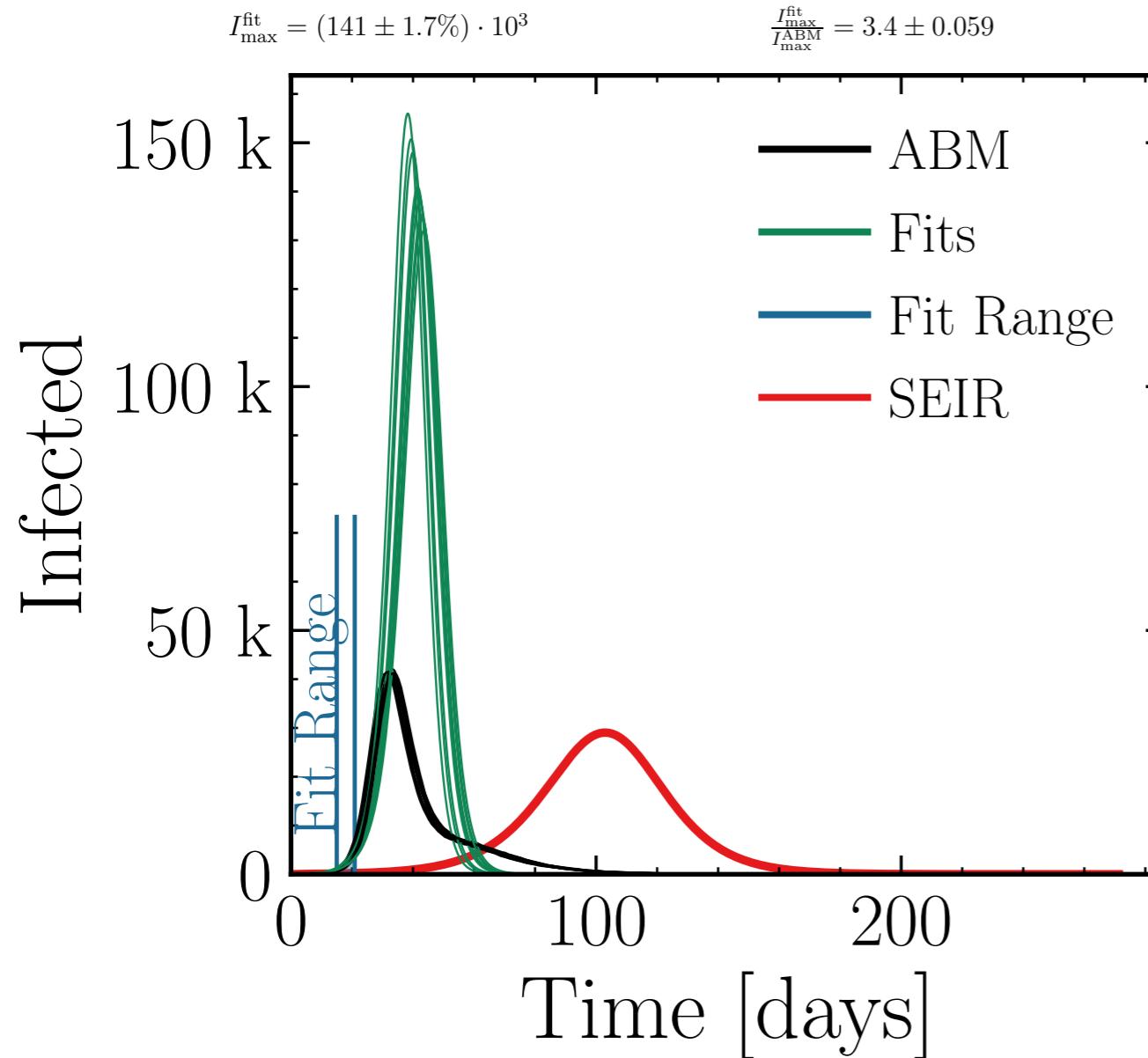
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$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.5$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
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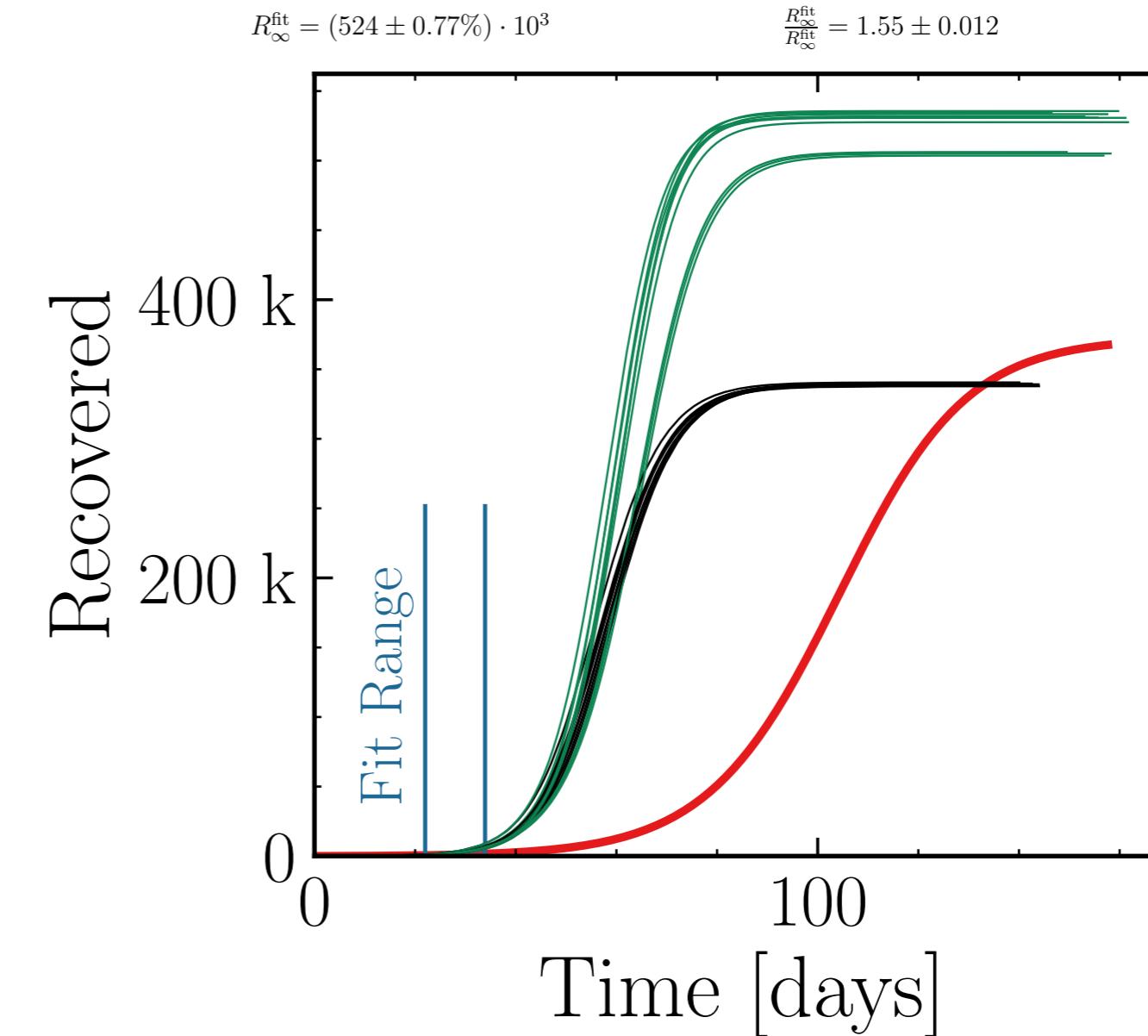
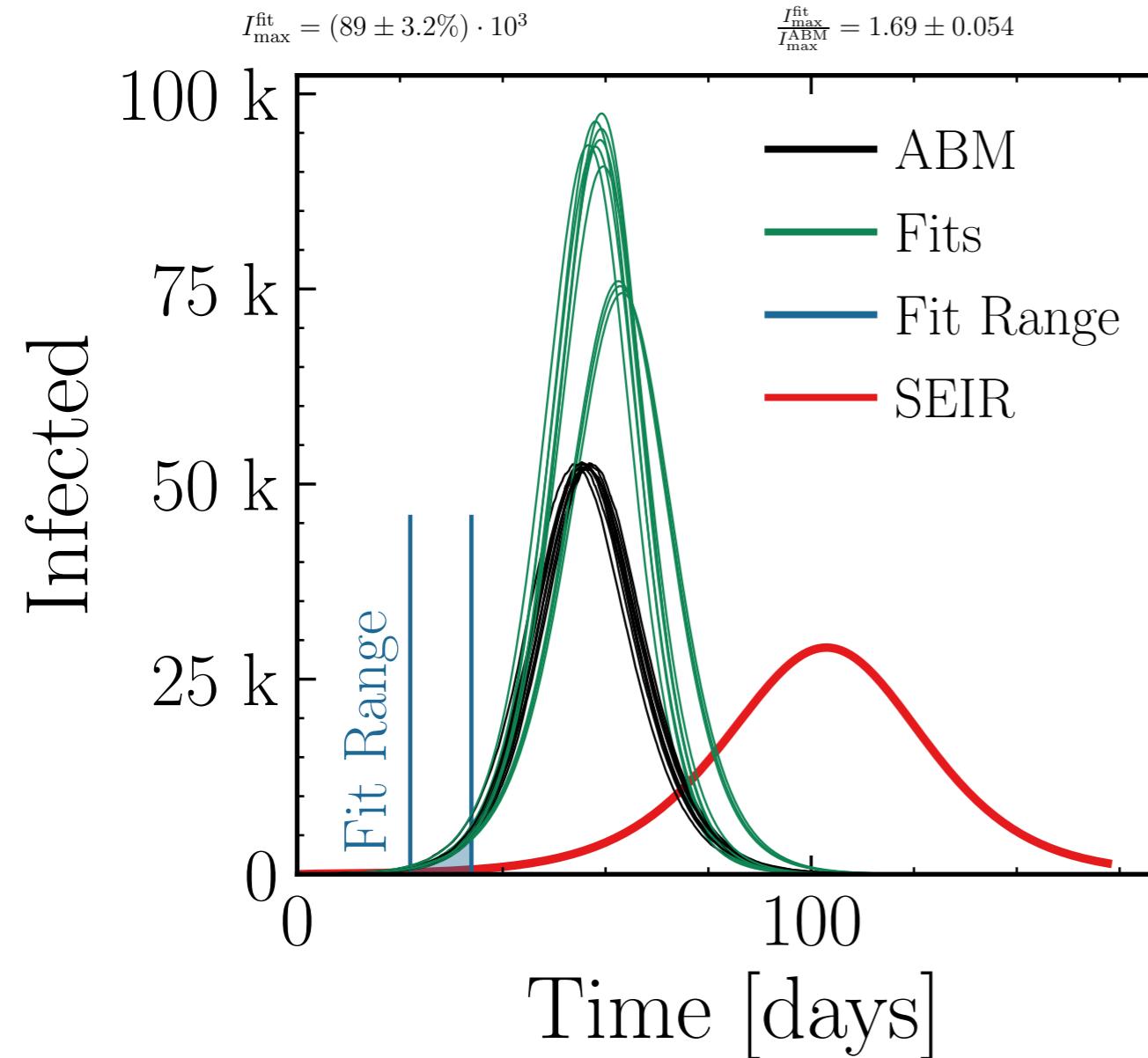


$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.5$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = a43d18cfae, #10



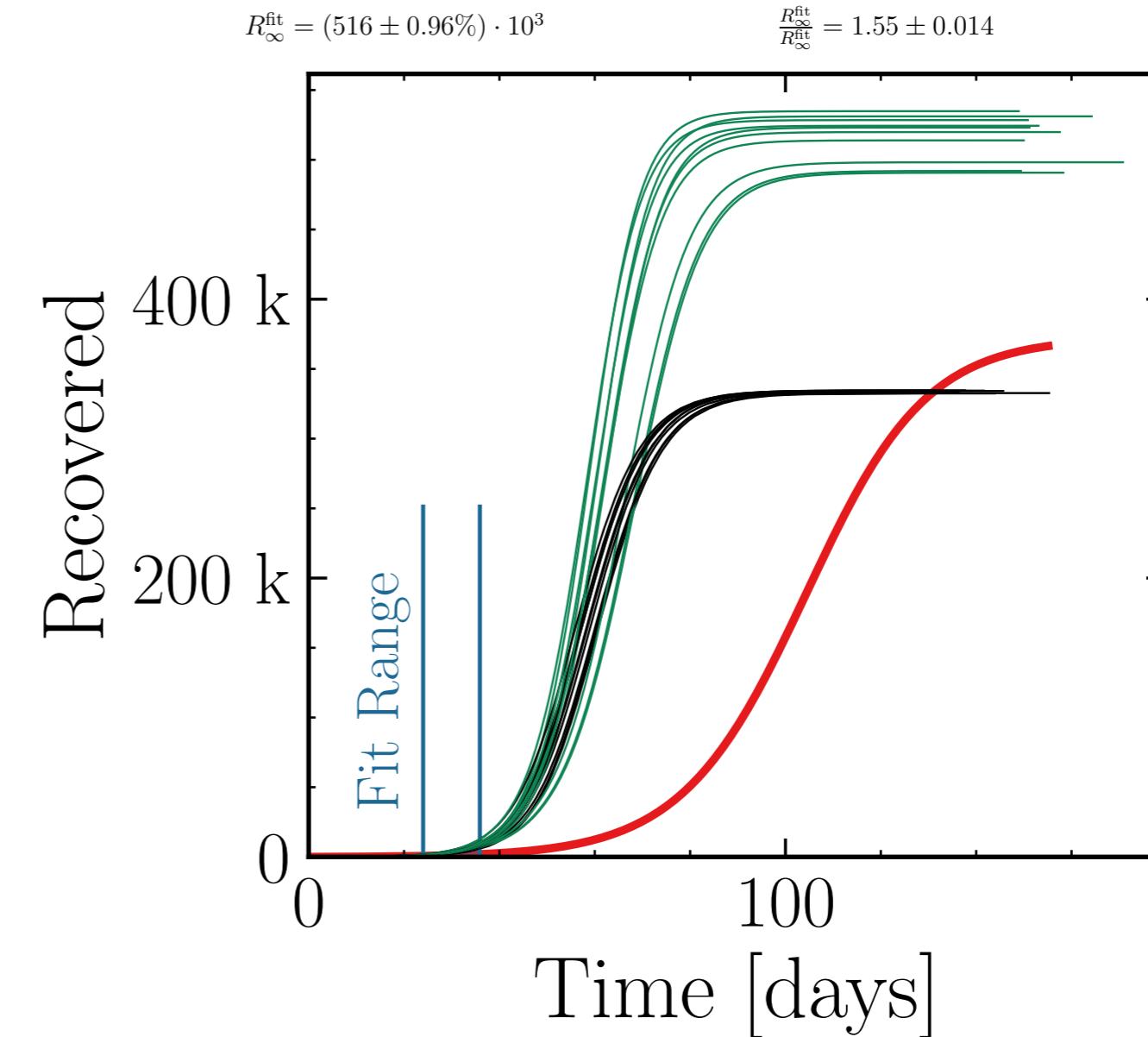
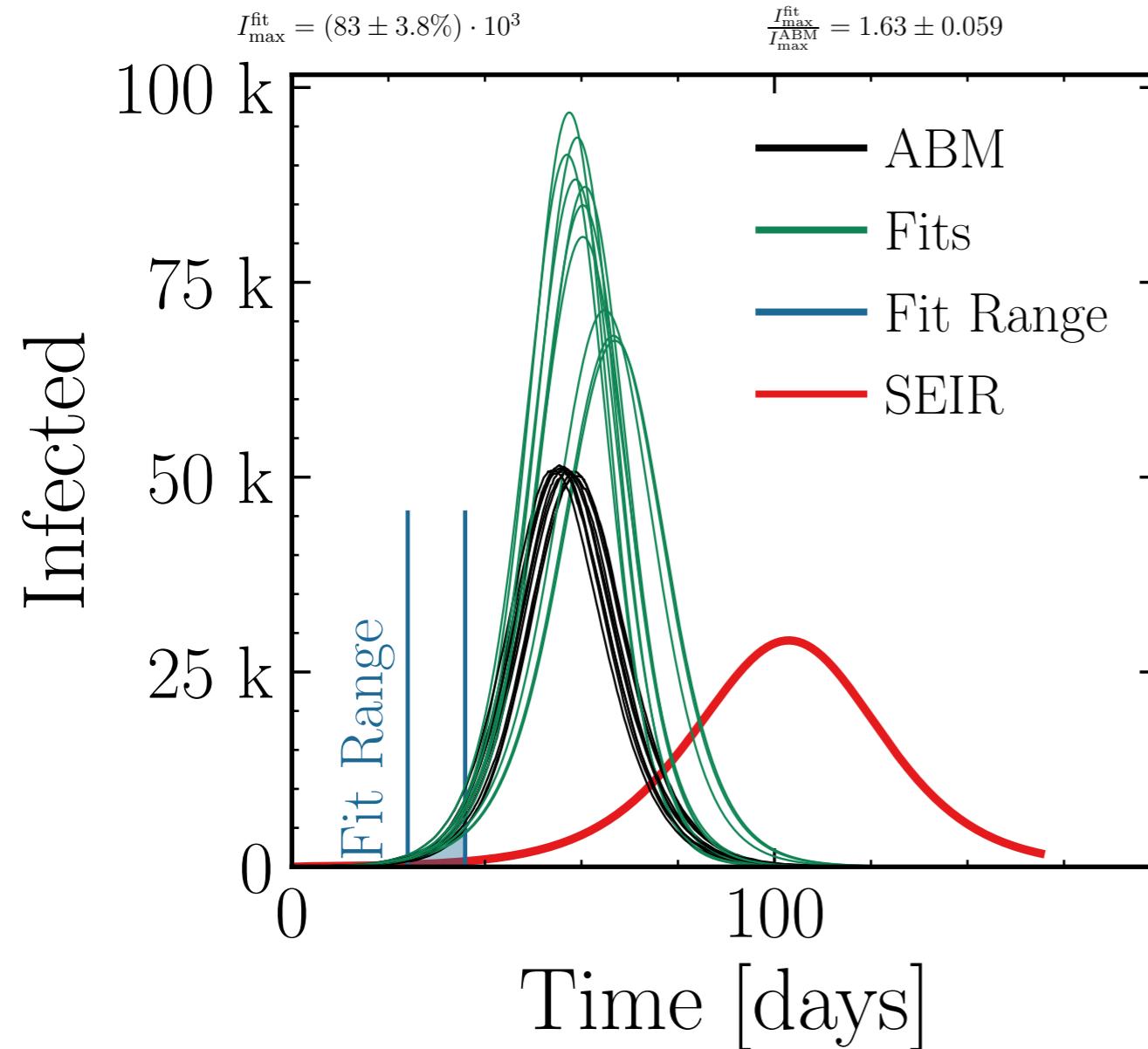
$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.75$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0$ , algo = 2,  $N_{\text{init}} = 100$

$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = baf8cf5dc1, #10

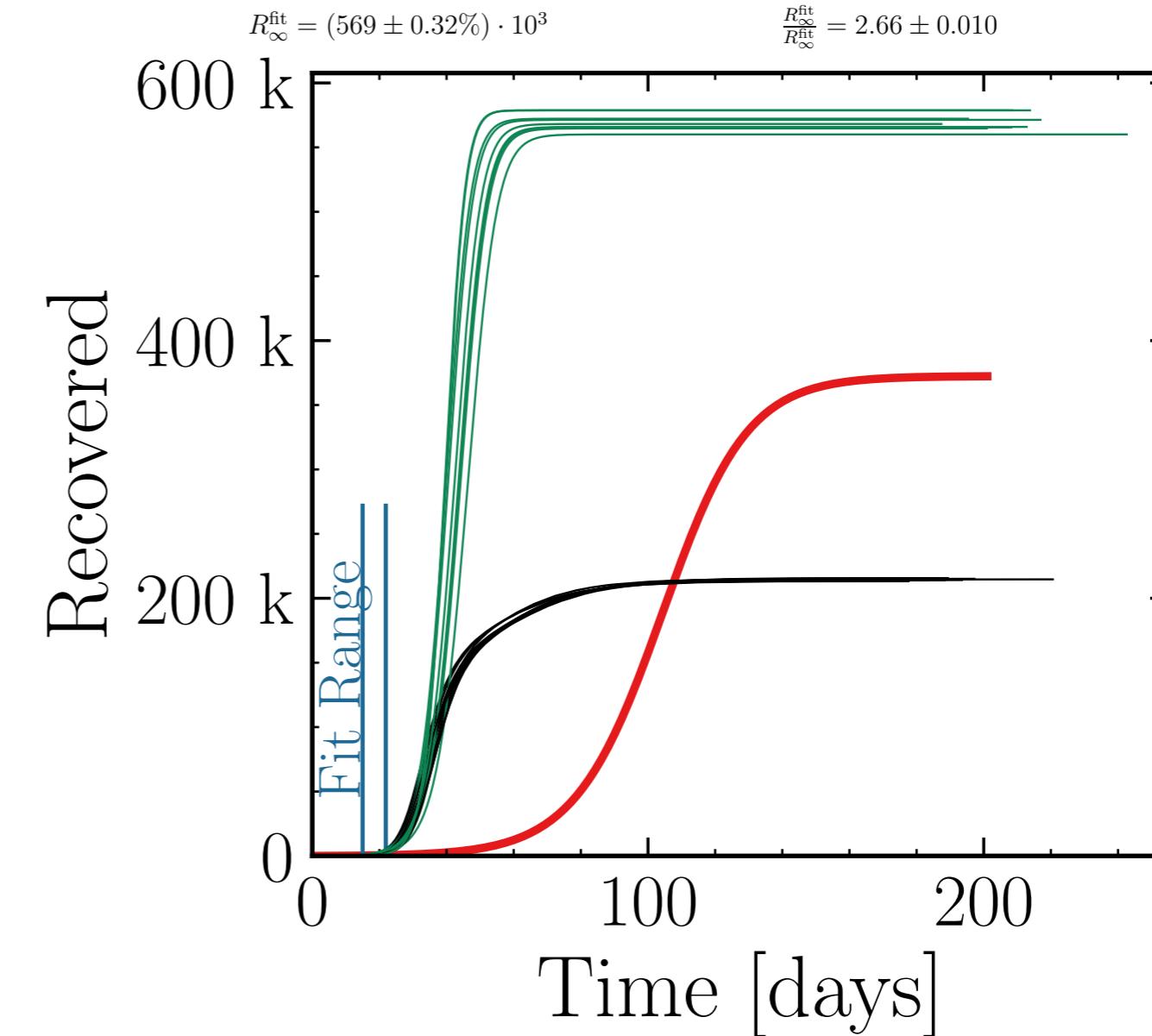
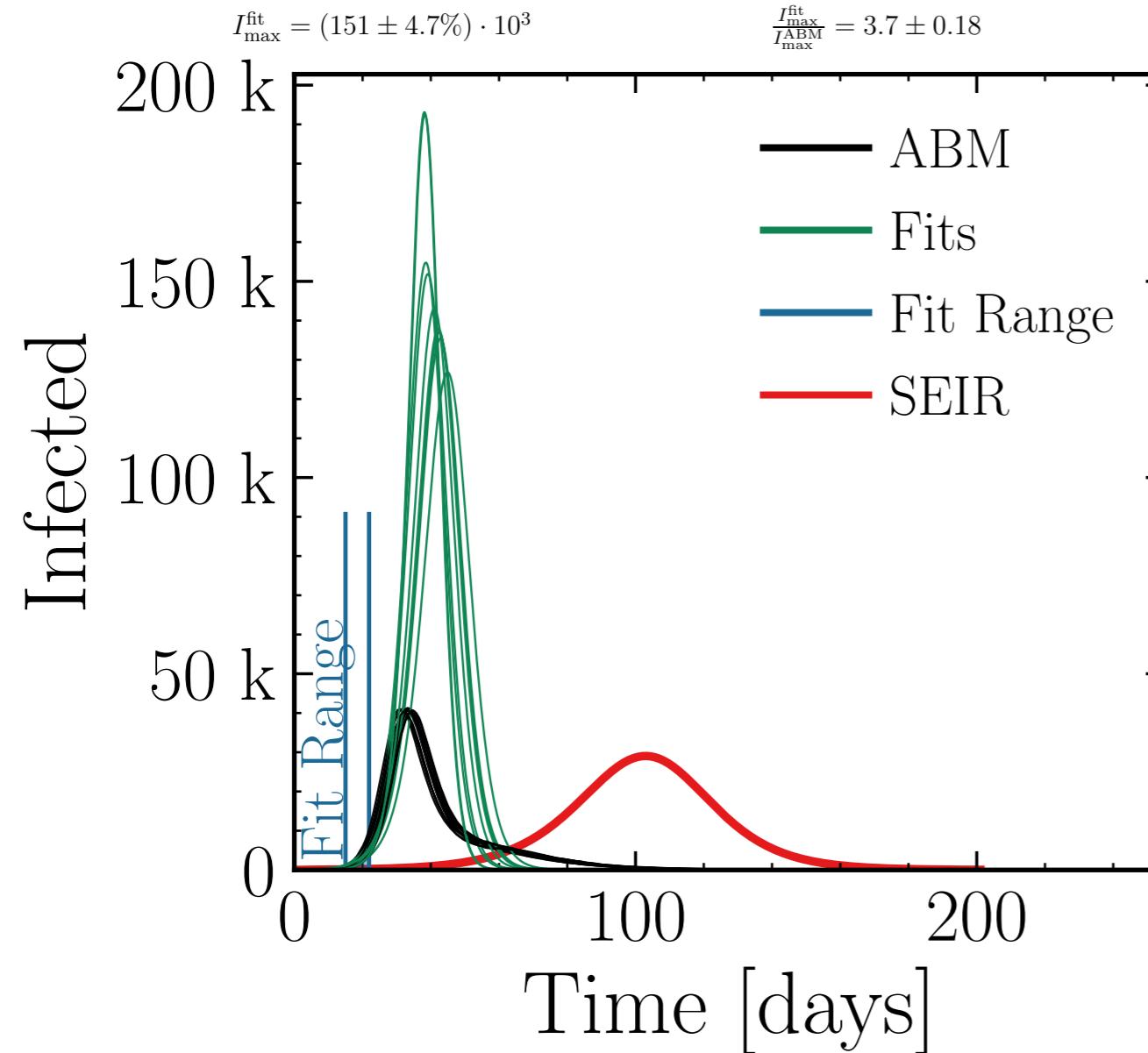


$N_{\text{tot}} = 580K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.75$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$

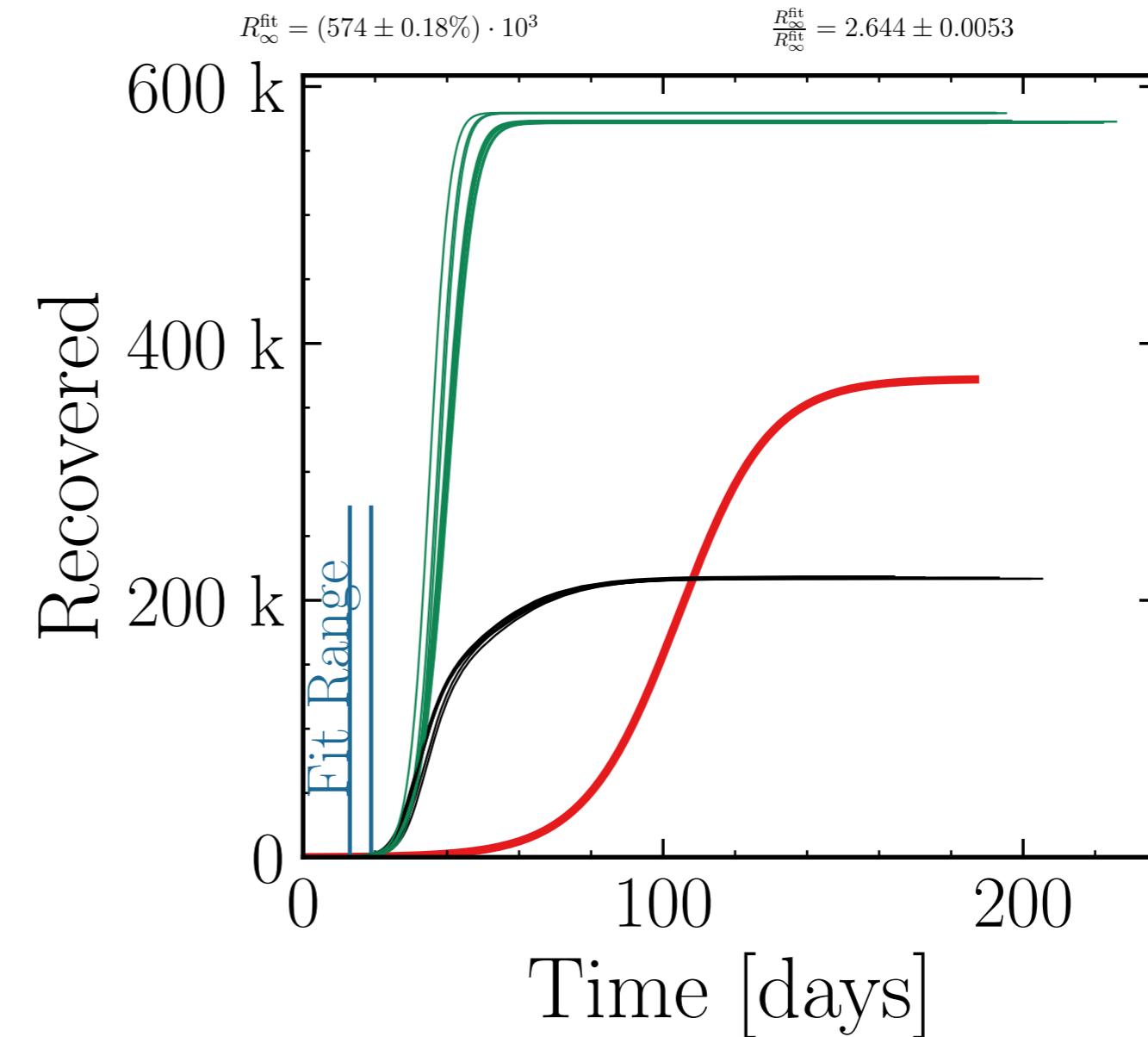
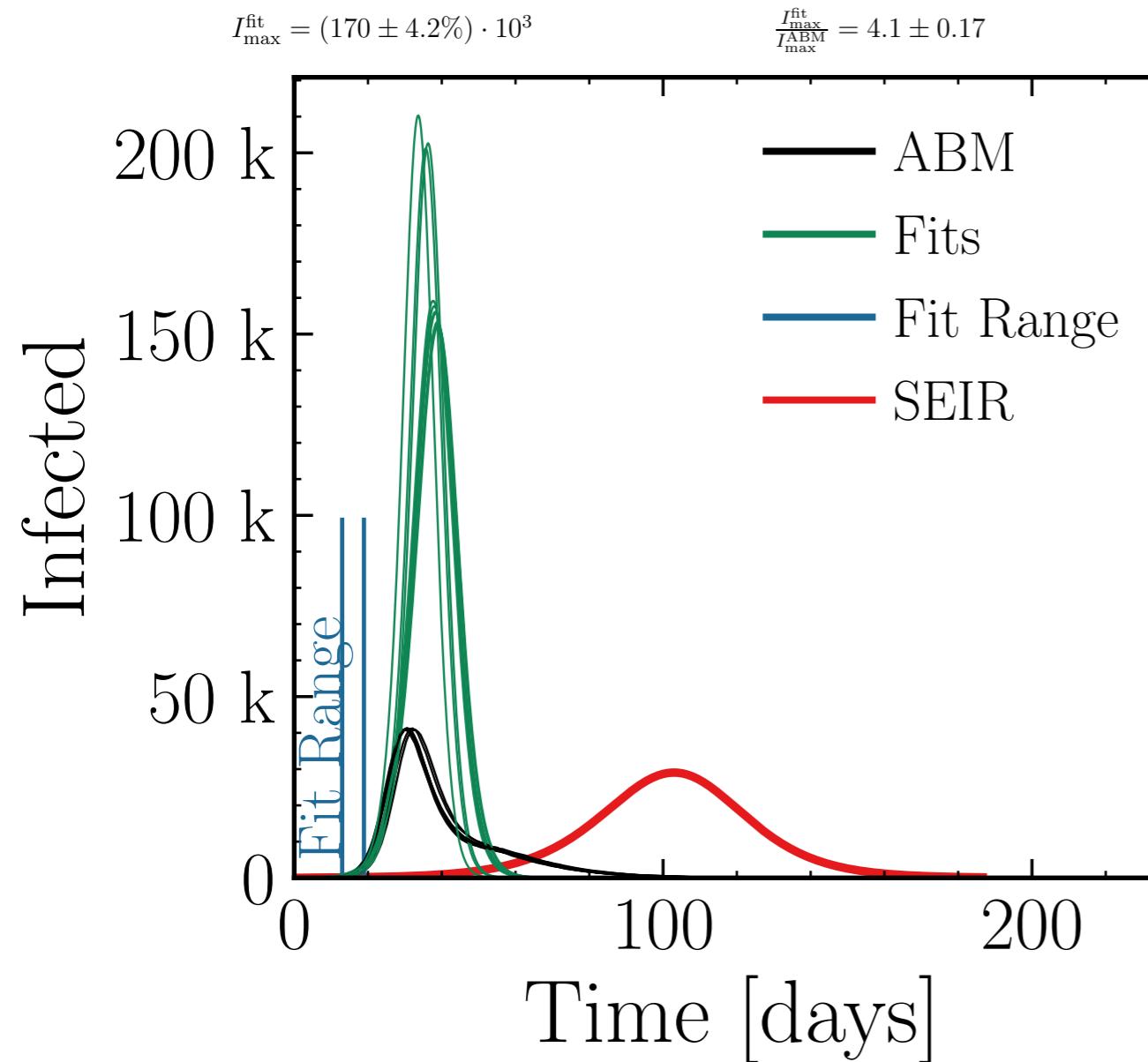
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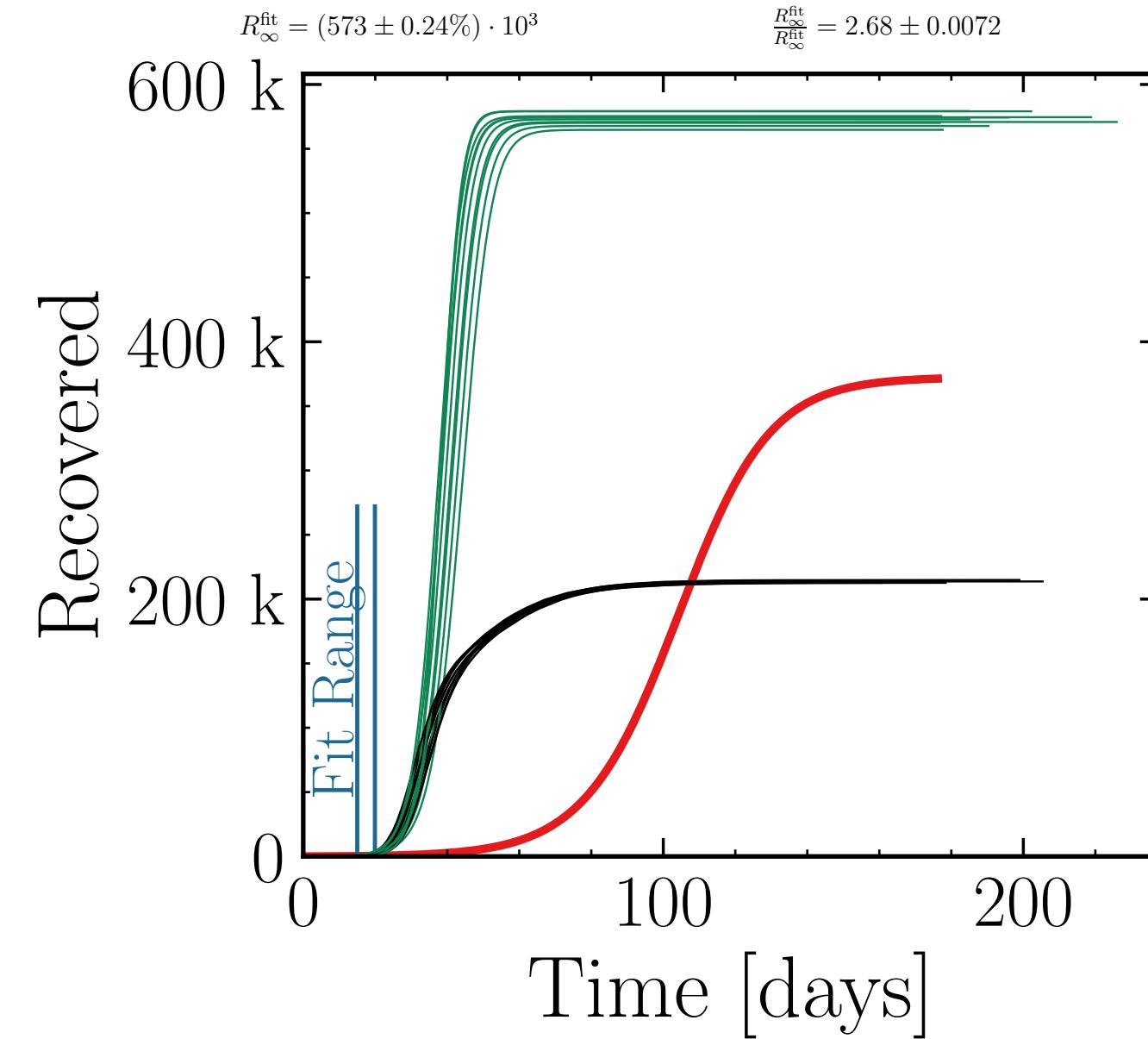
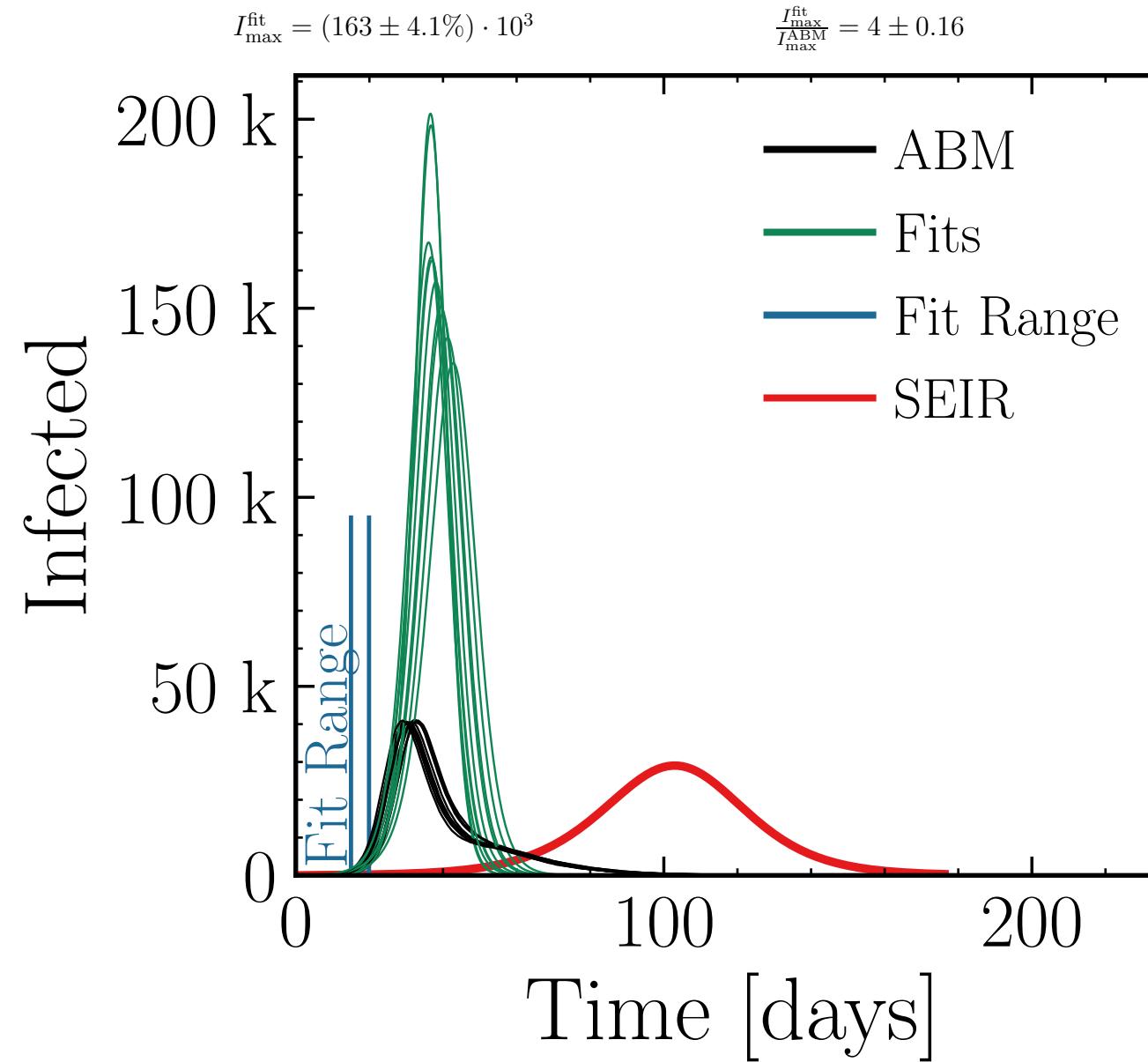
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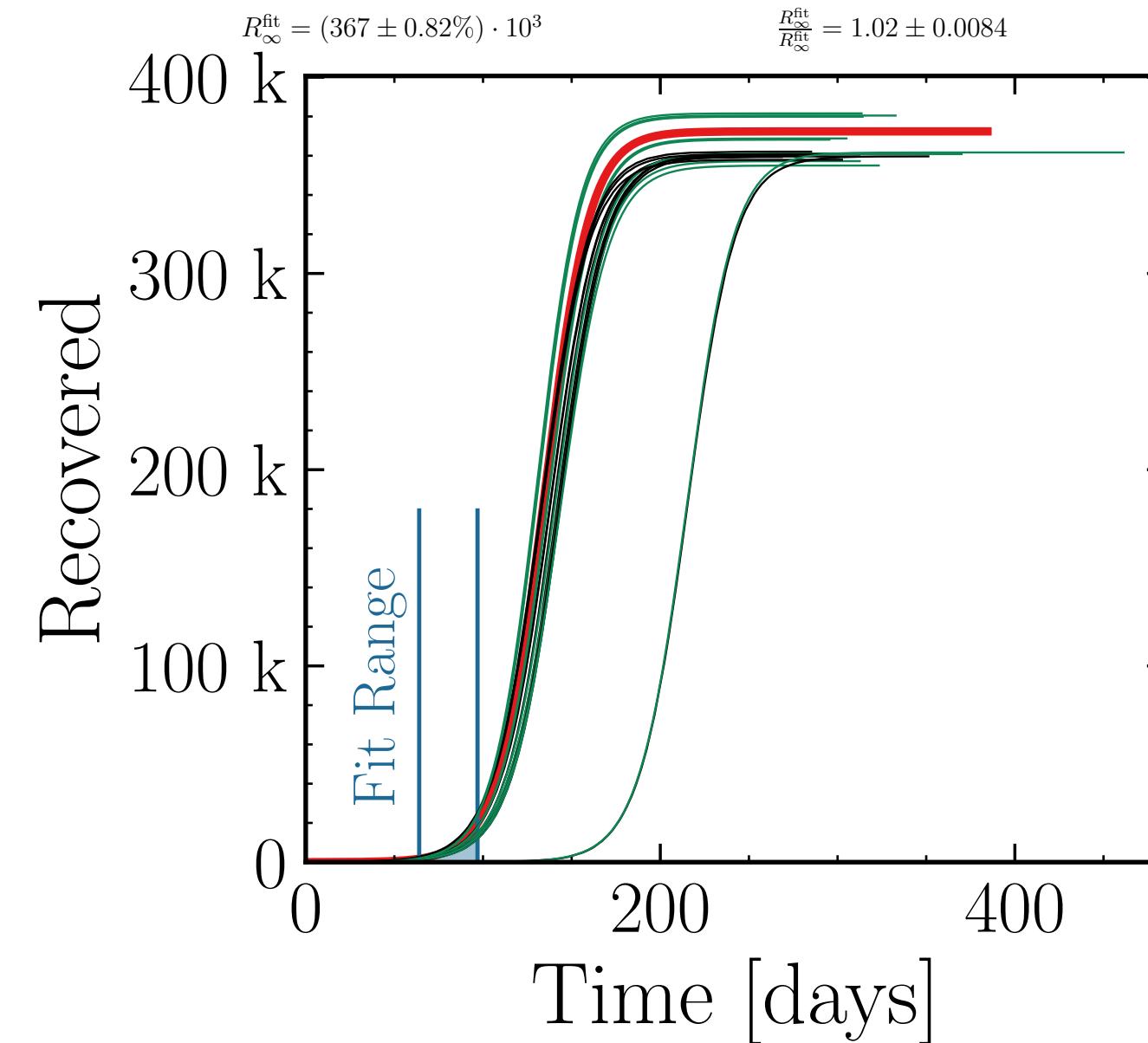
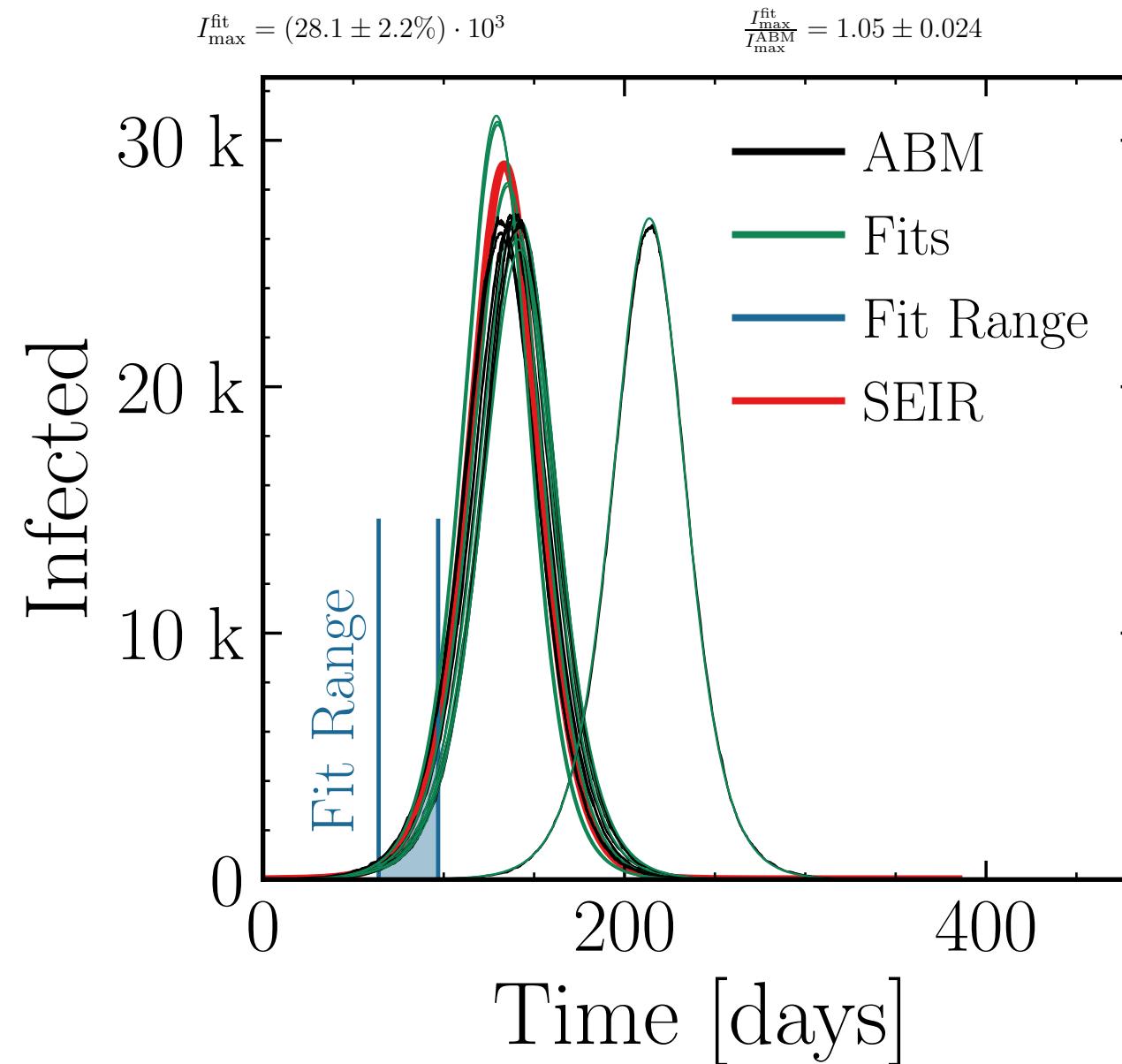
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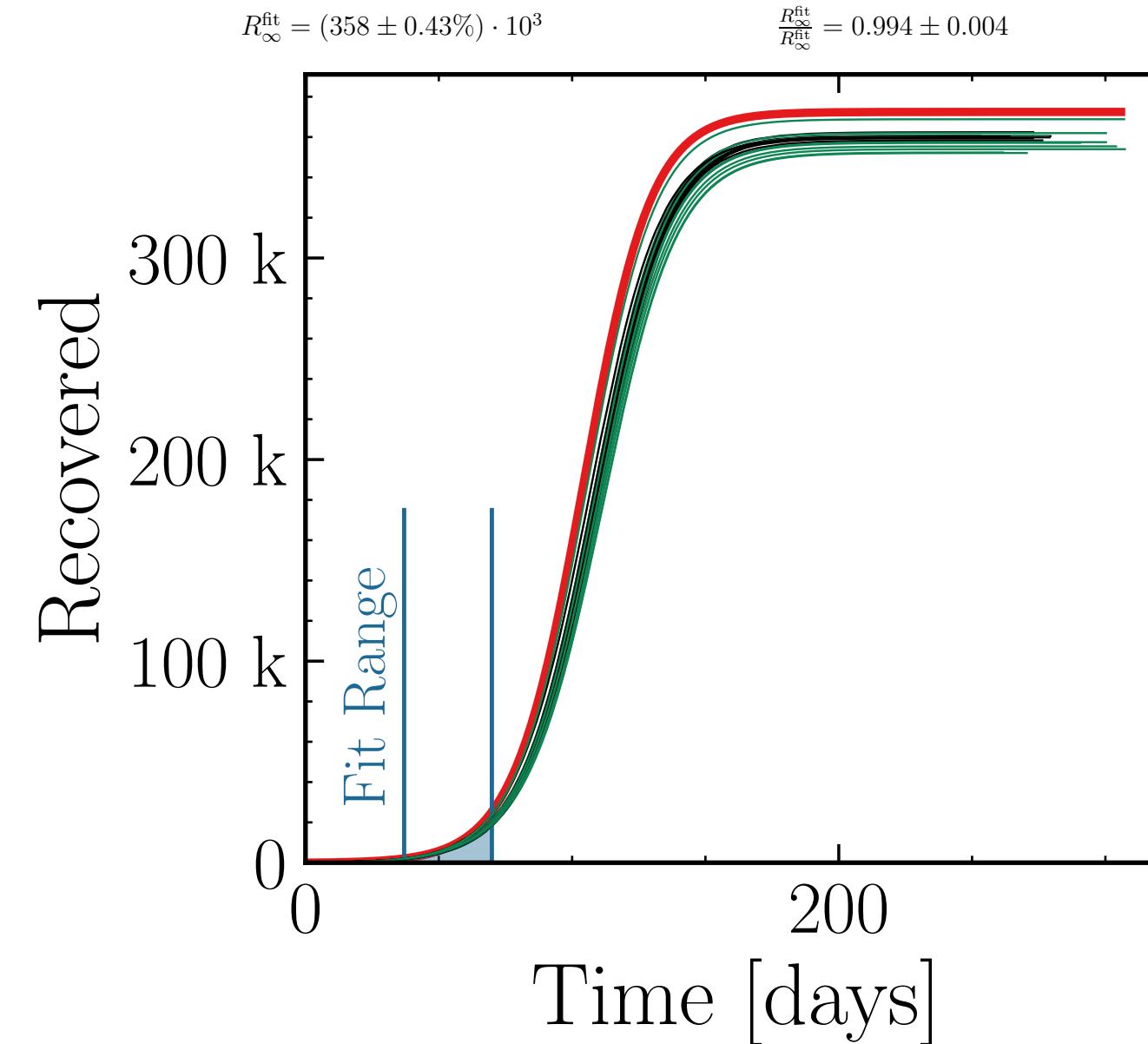
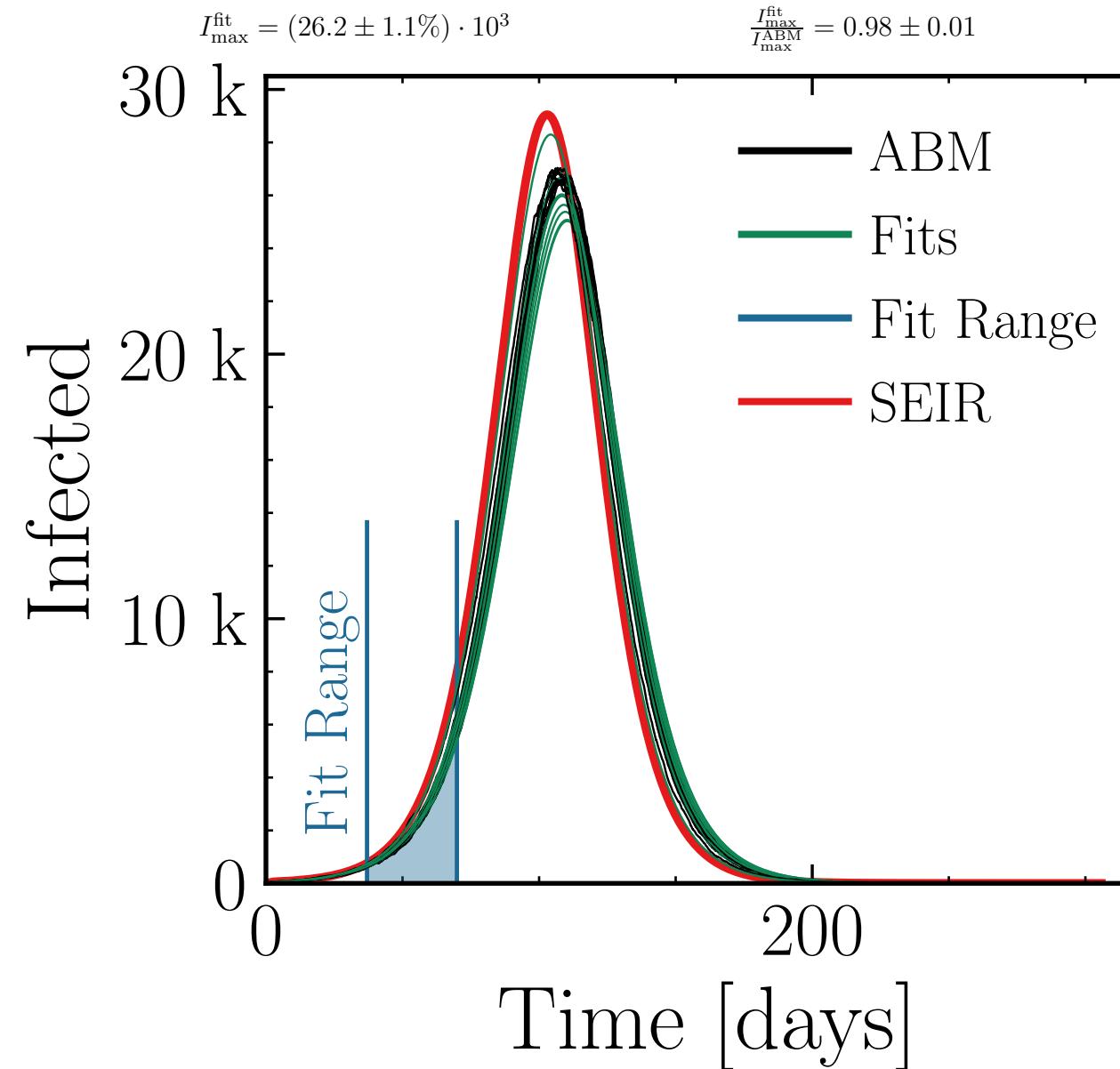
$N_{\text{tot}} = 580K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.75$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 1$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 9d652850d3, #10



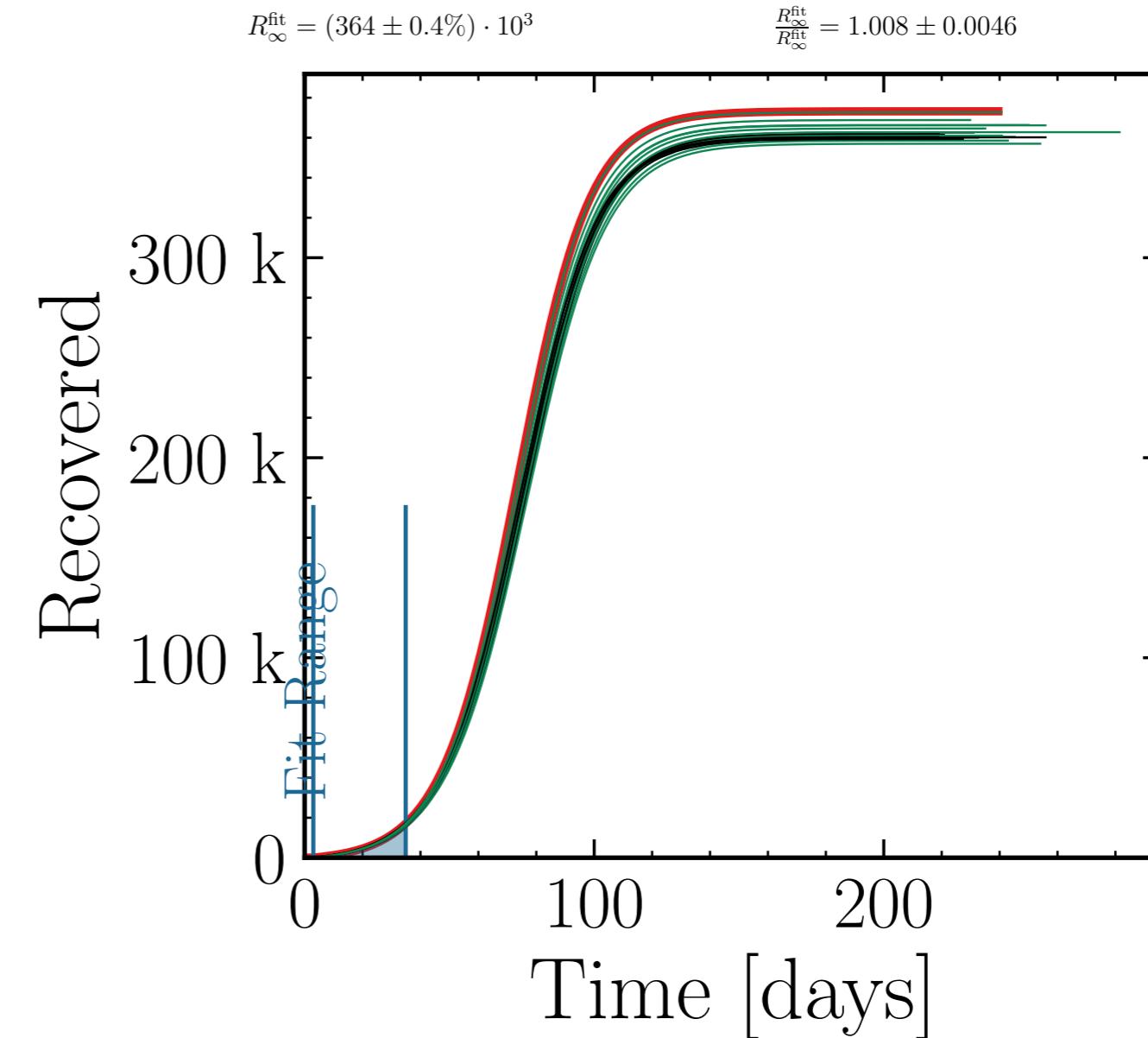
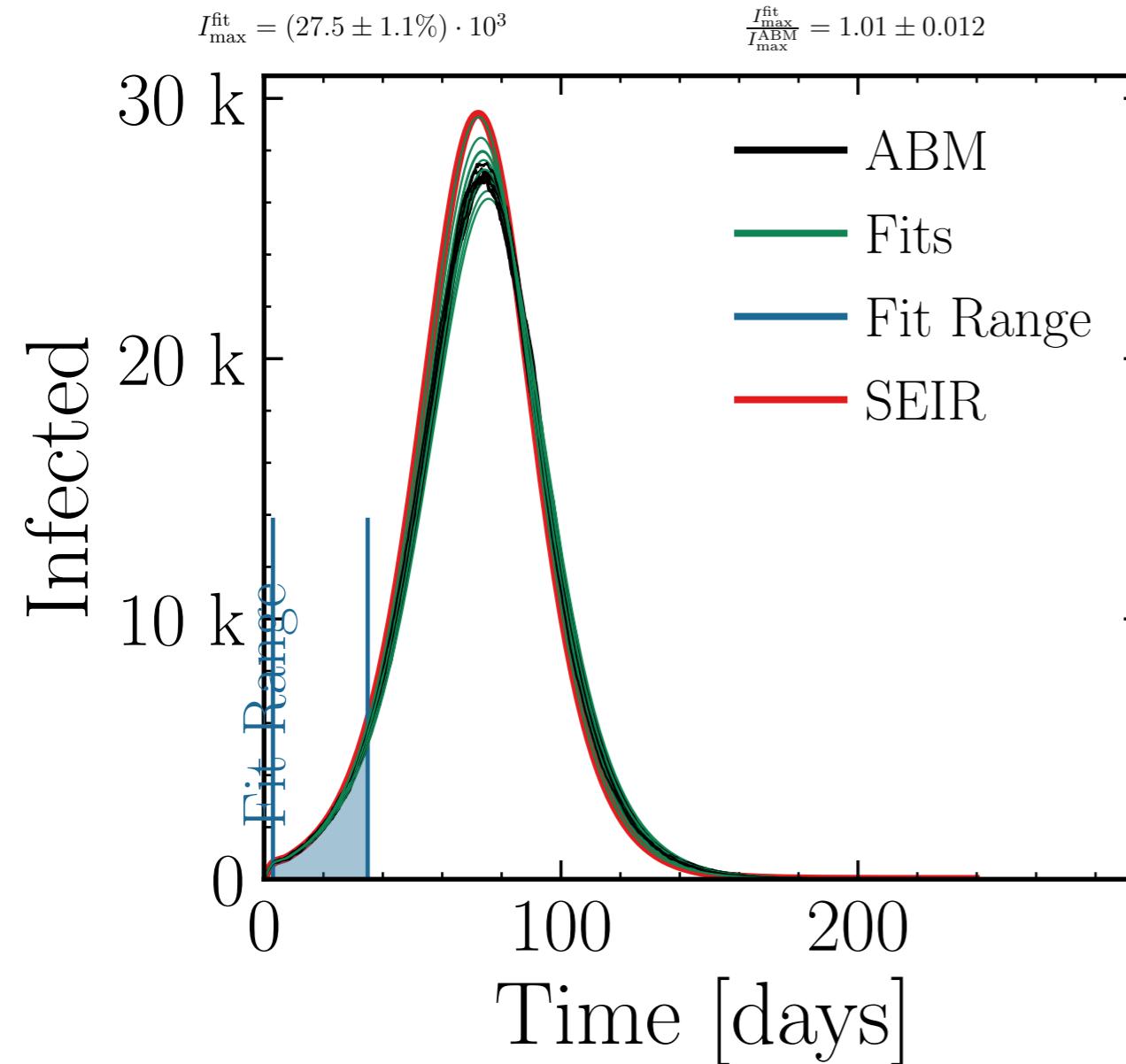
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 10$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f176f1577a, #10



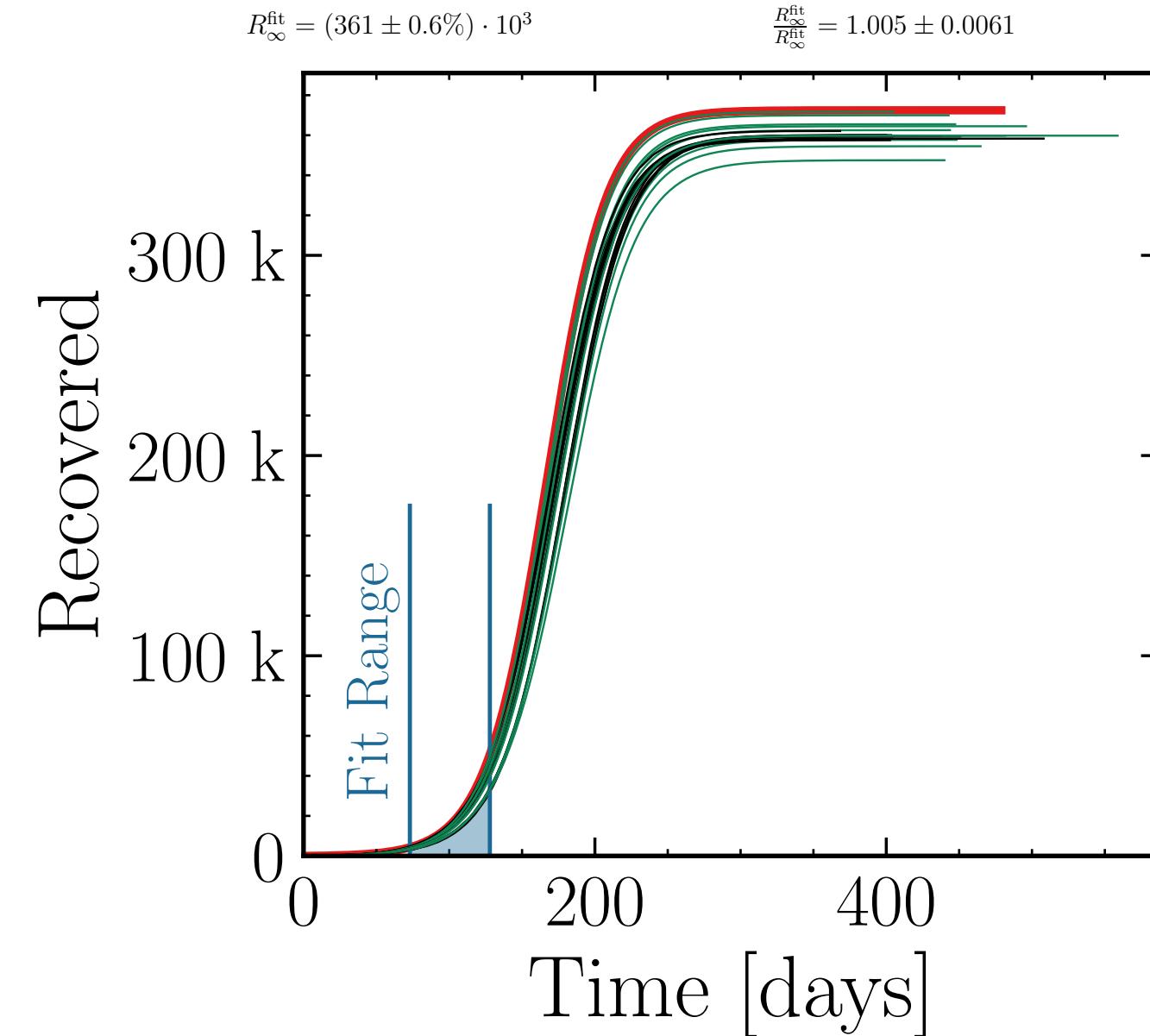
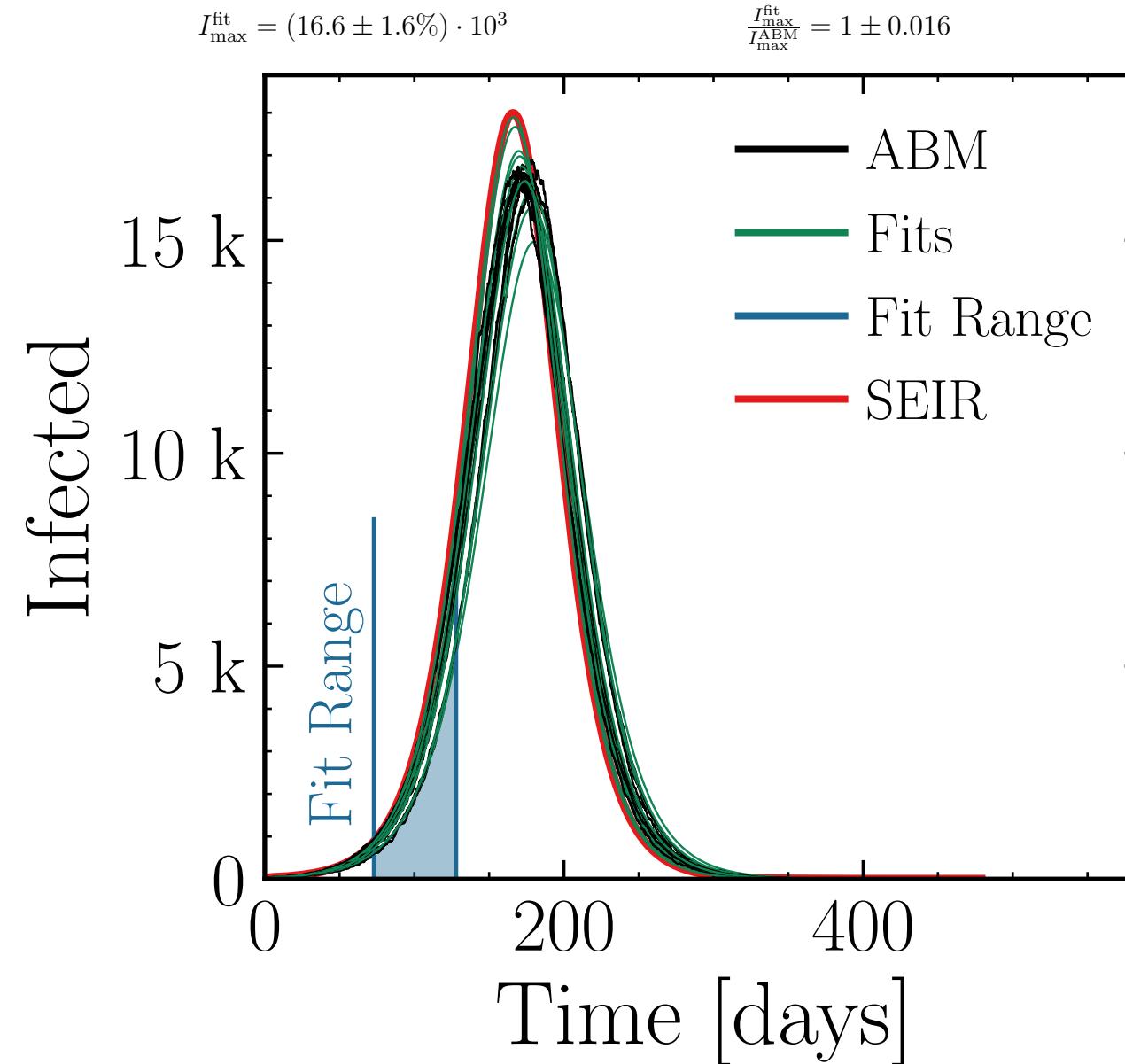
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = f13ad41807, #10



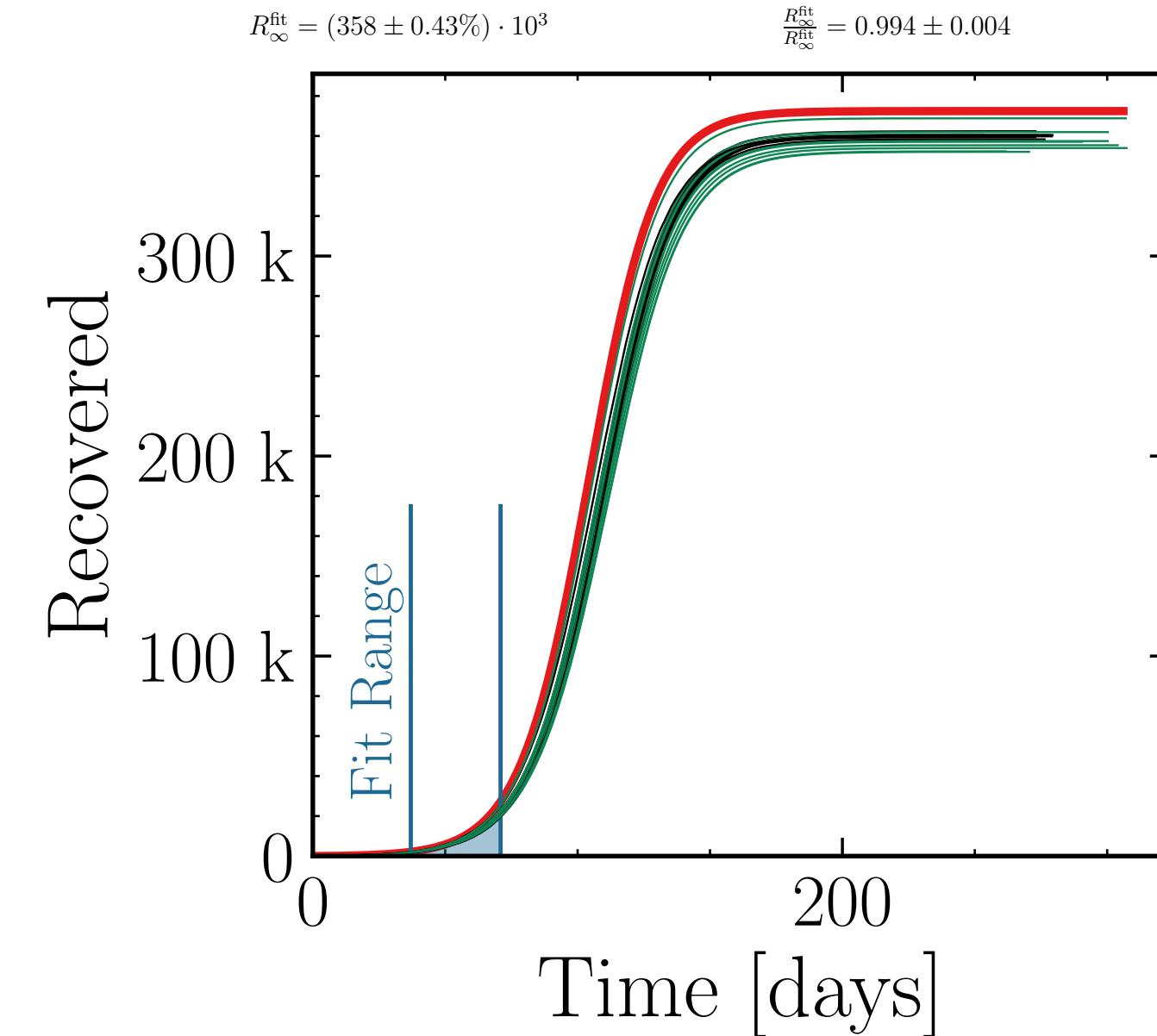
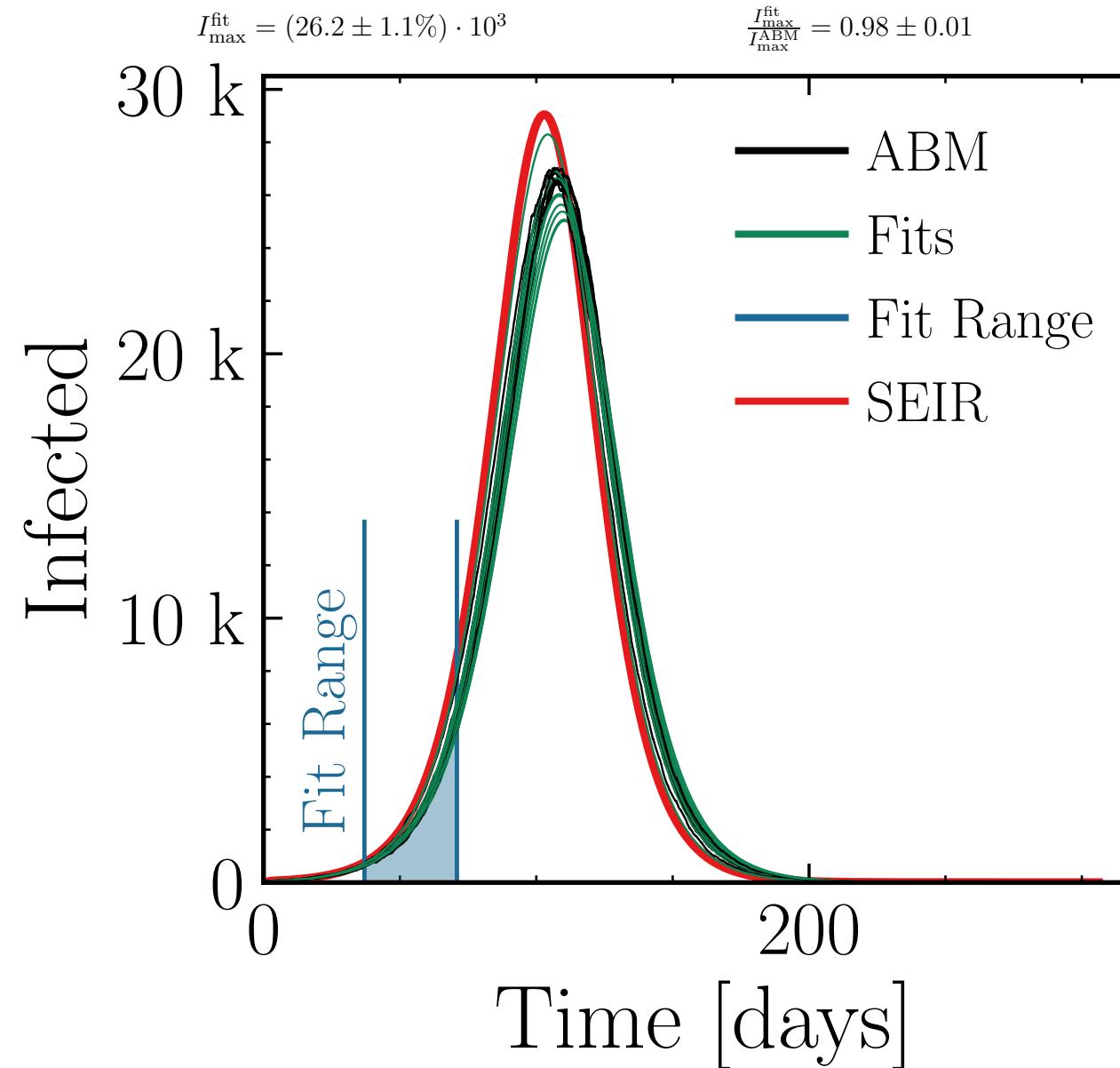
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 1K$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 55fd51bdd9, #10



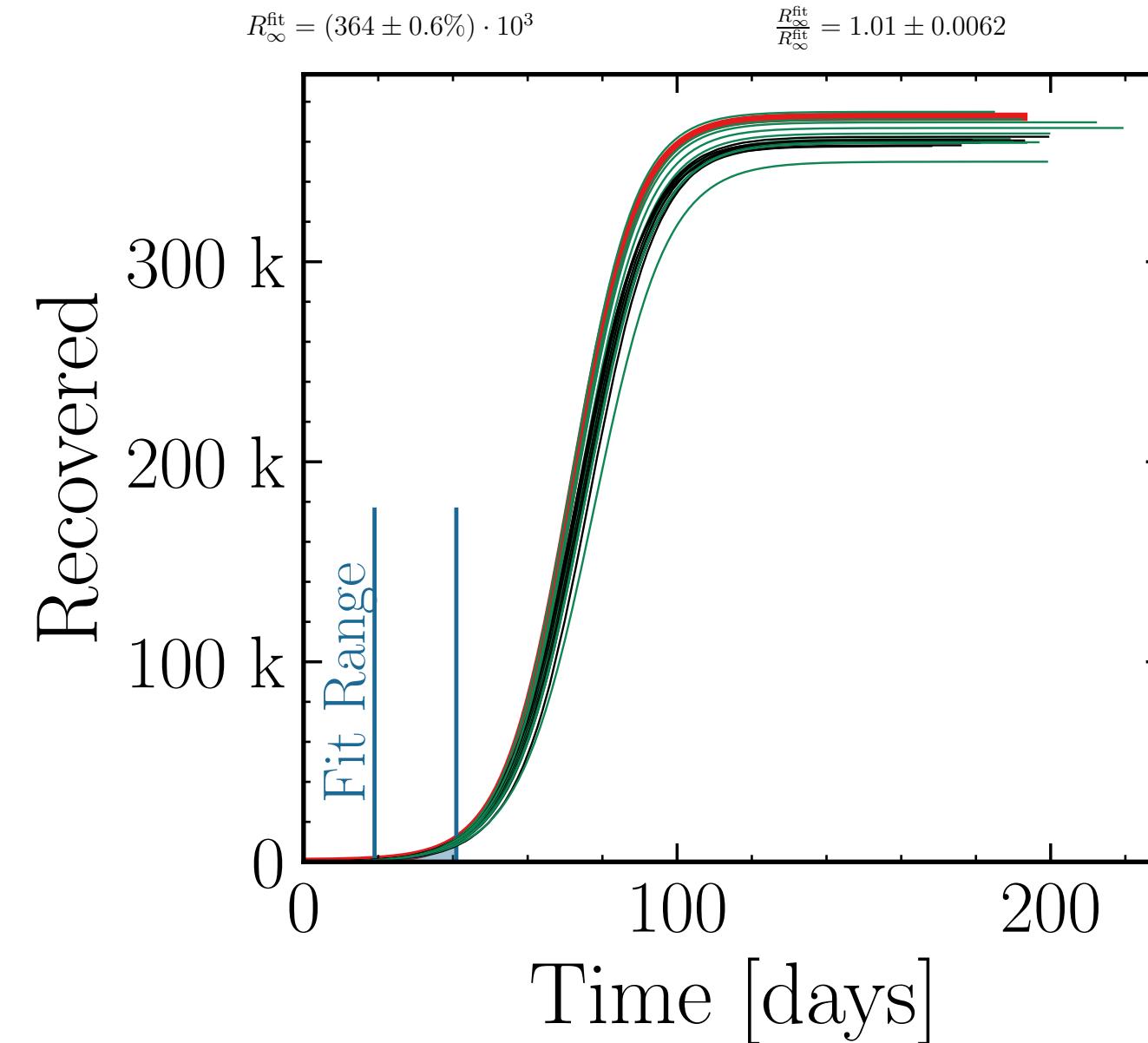
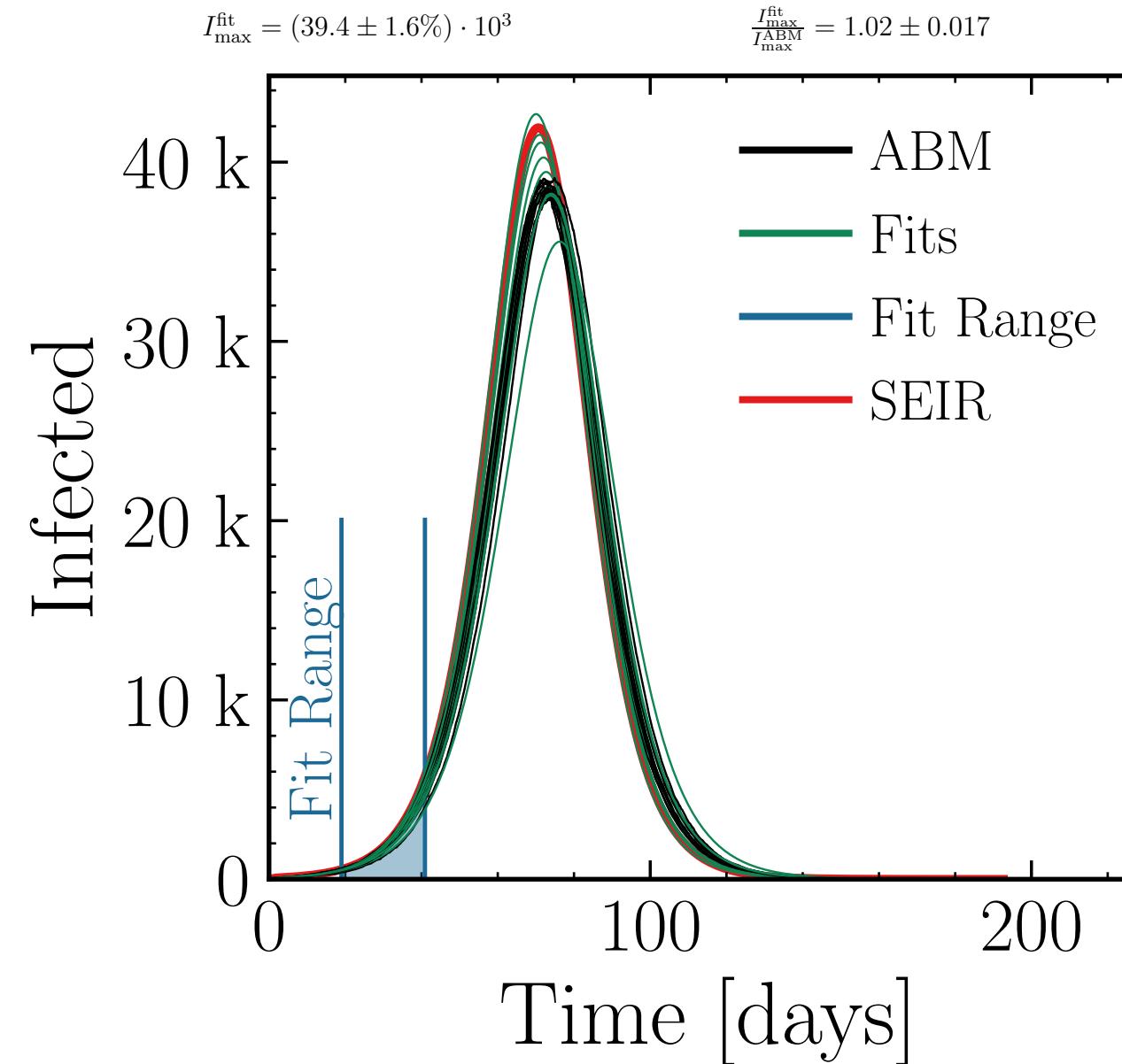
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 0.5$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = d9cb49eb9e, #10



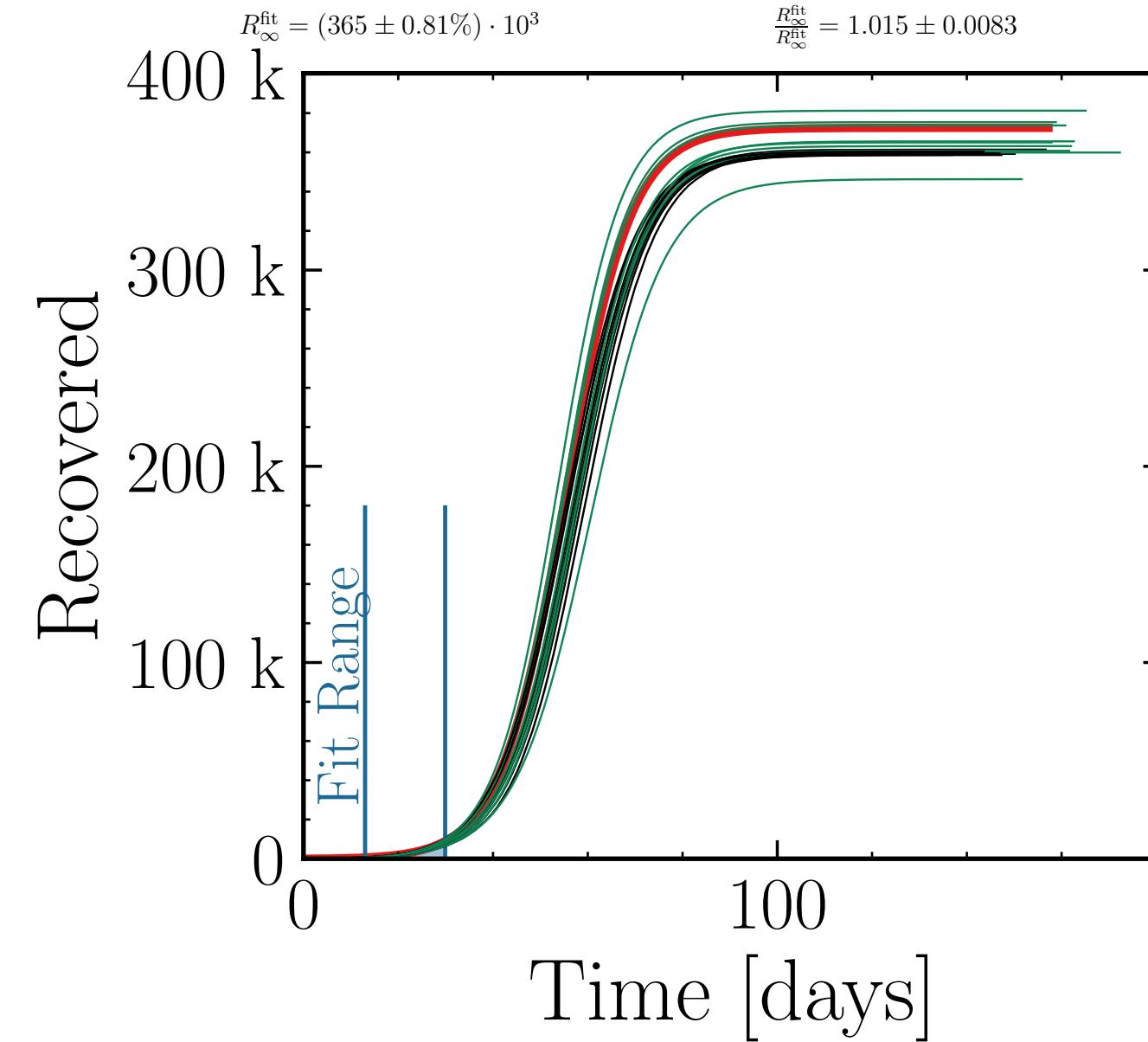
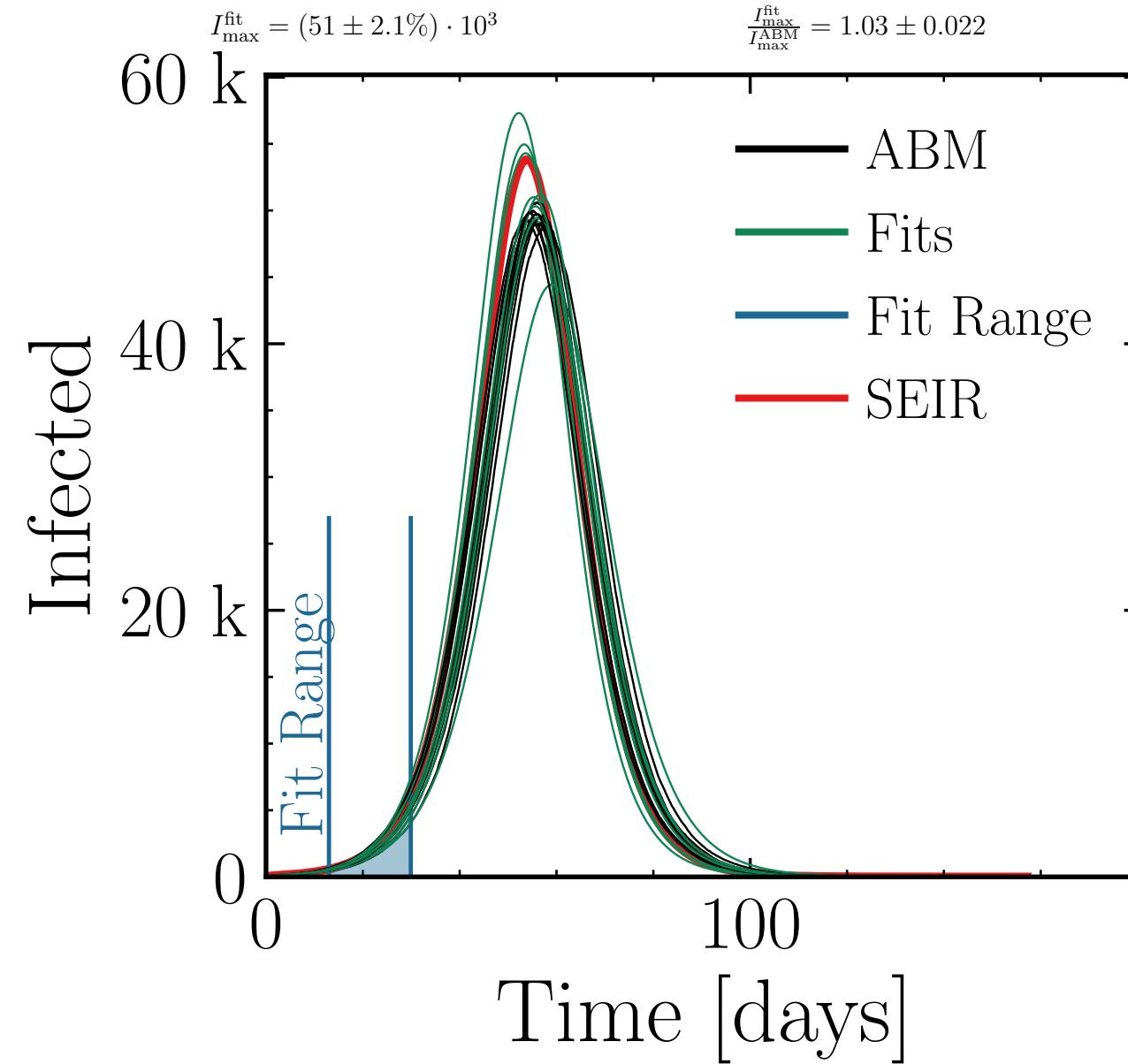
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{connect}}^{\text{retry}} = 0$ ,  $N_{\text{events}} = 0$ , event\_size<sub>max</sub> = 580K, v. = 1.0, hash = 11655bc998, #10



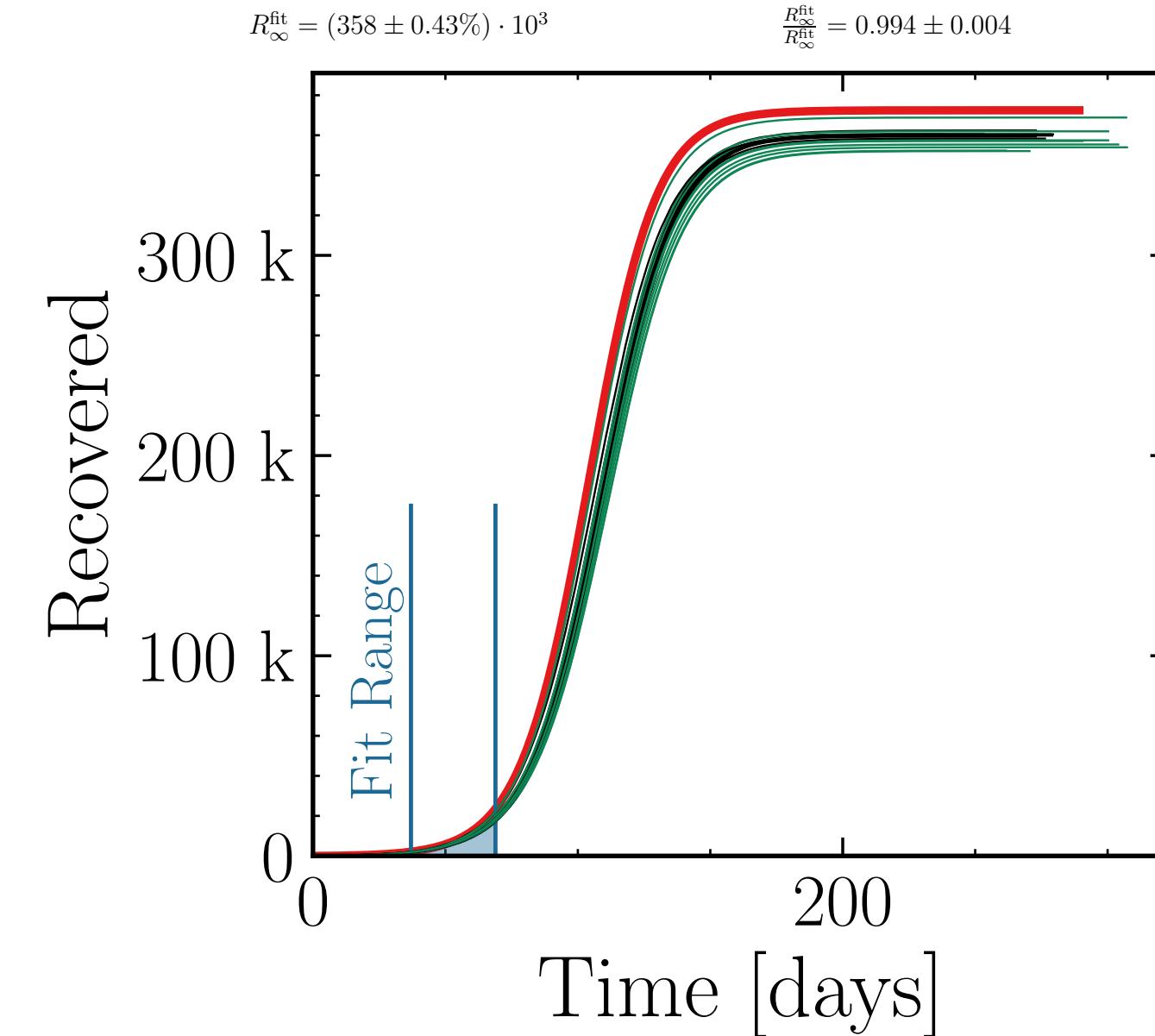
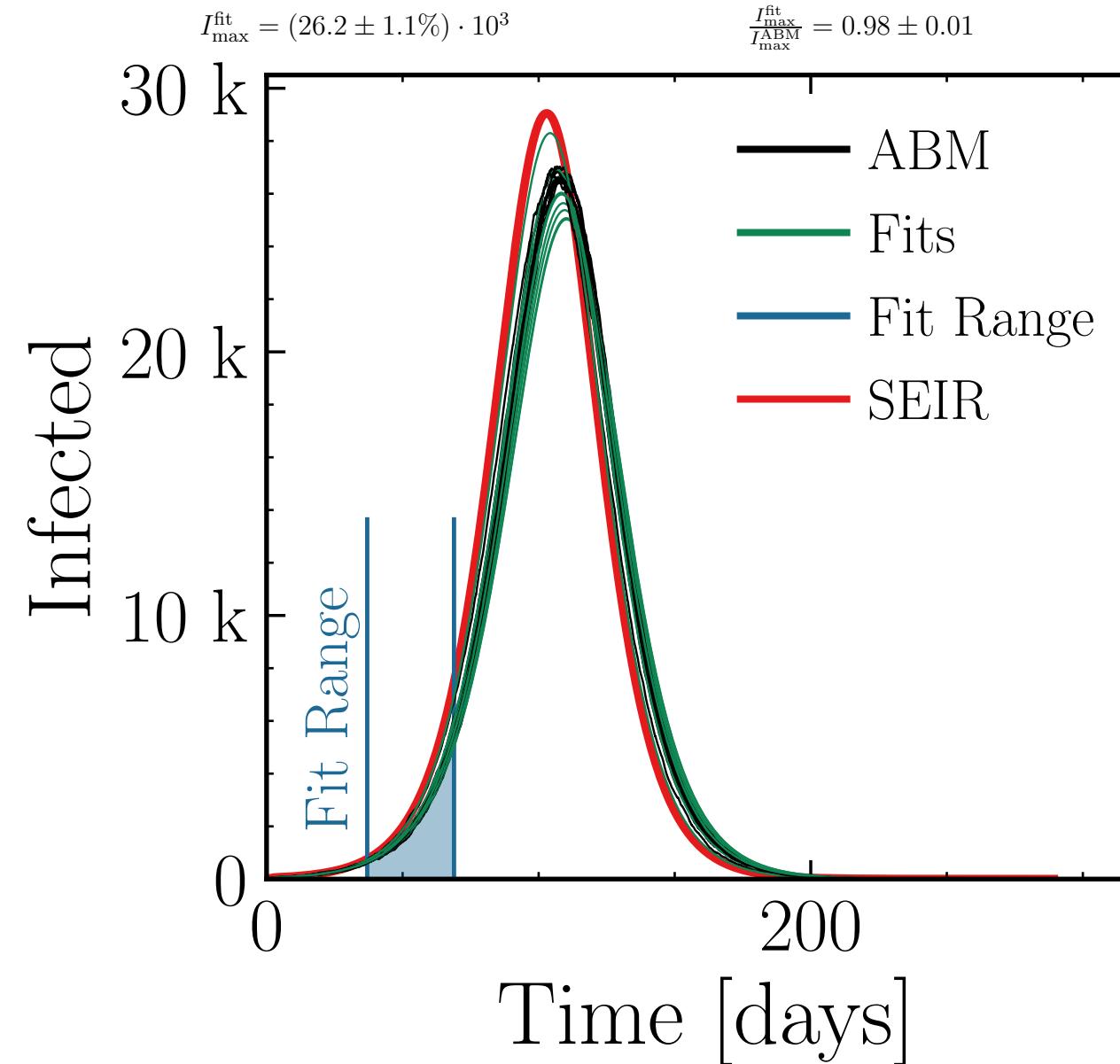
$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 2$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event\_size<sub>max</sub> = 580K, v. = 1.0, hash = d328244542, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 4$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 217ef031a2, #10



$N_{\text{tot}} = 580K$ ,  $\rho = 0.0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = fe2f1c584b, #10



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

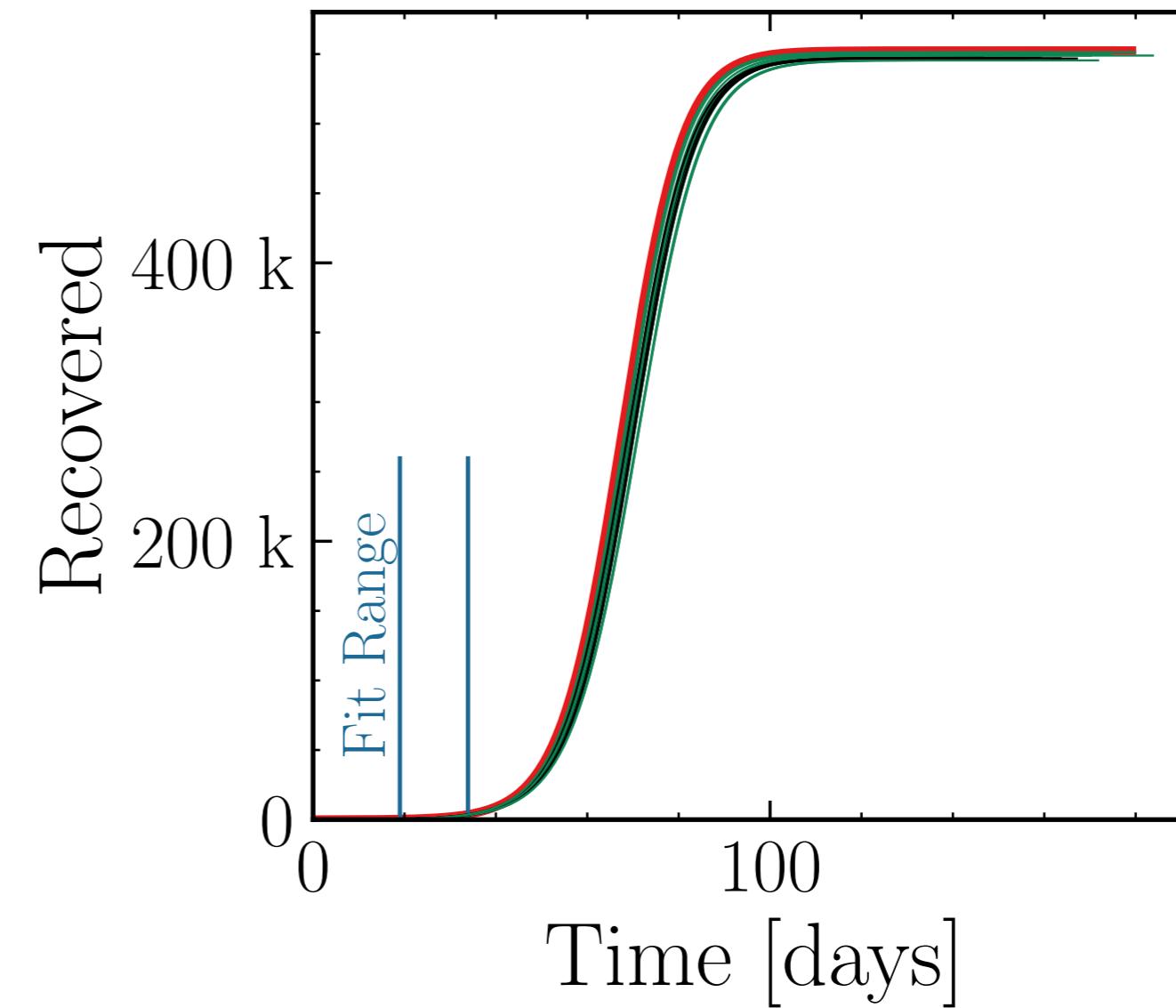
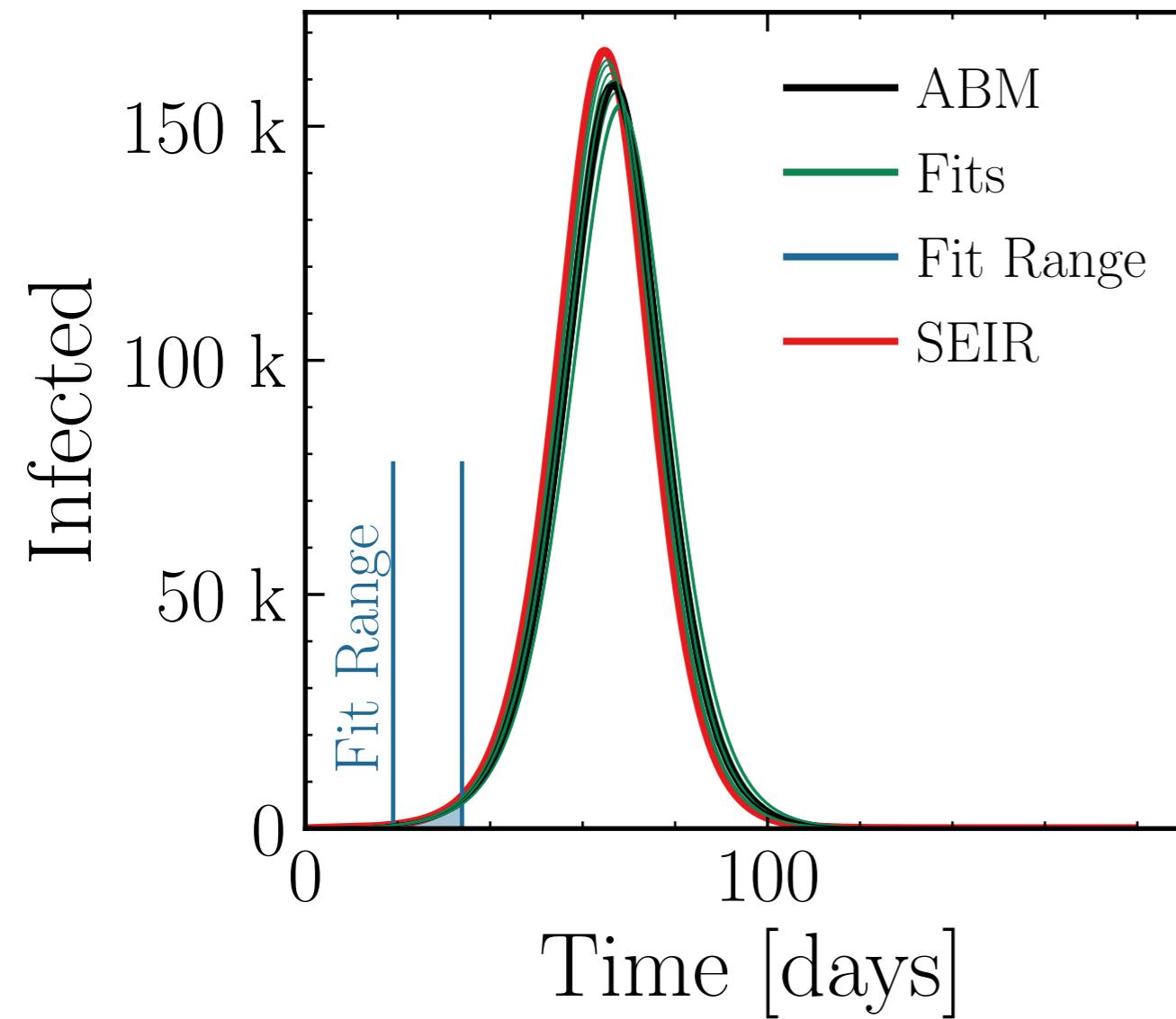
$\lambda_E = 1.0$ ,  $\lambda_I = 0.5$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 90e3d31c4f, #10

$$I_{\text{max}}^{\text{fit}} = (159 \pm 0.68\%) \cdot 10^3$$

$$\frac{I_{\text{max}}^{\text{fit}}}{I_{\text{ABM}}^{\text{ABM}}} = 0.998 \pm 0.007$$

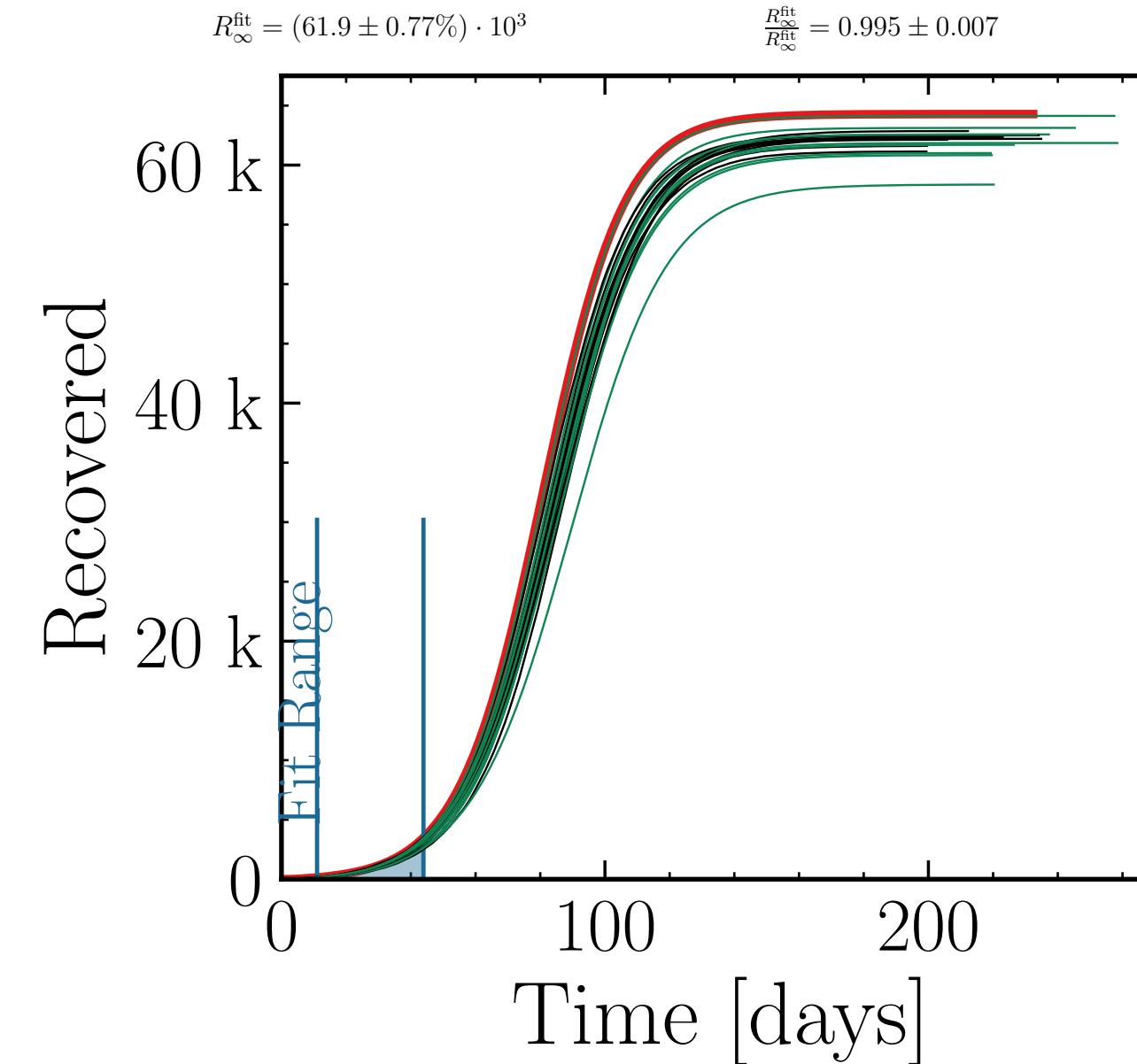
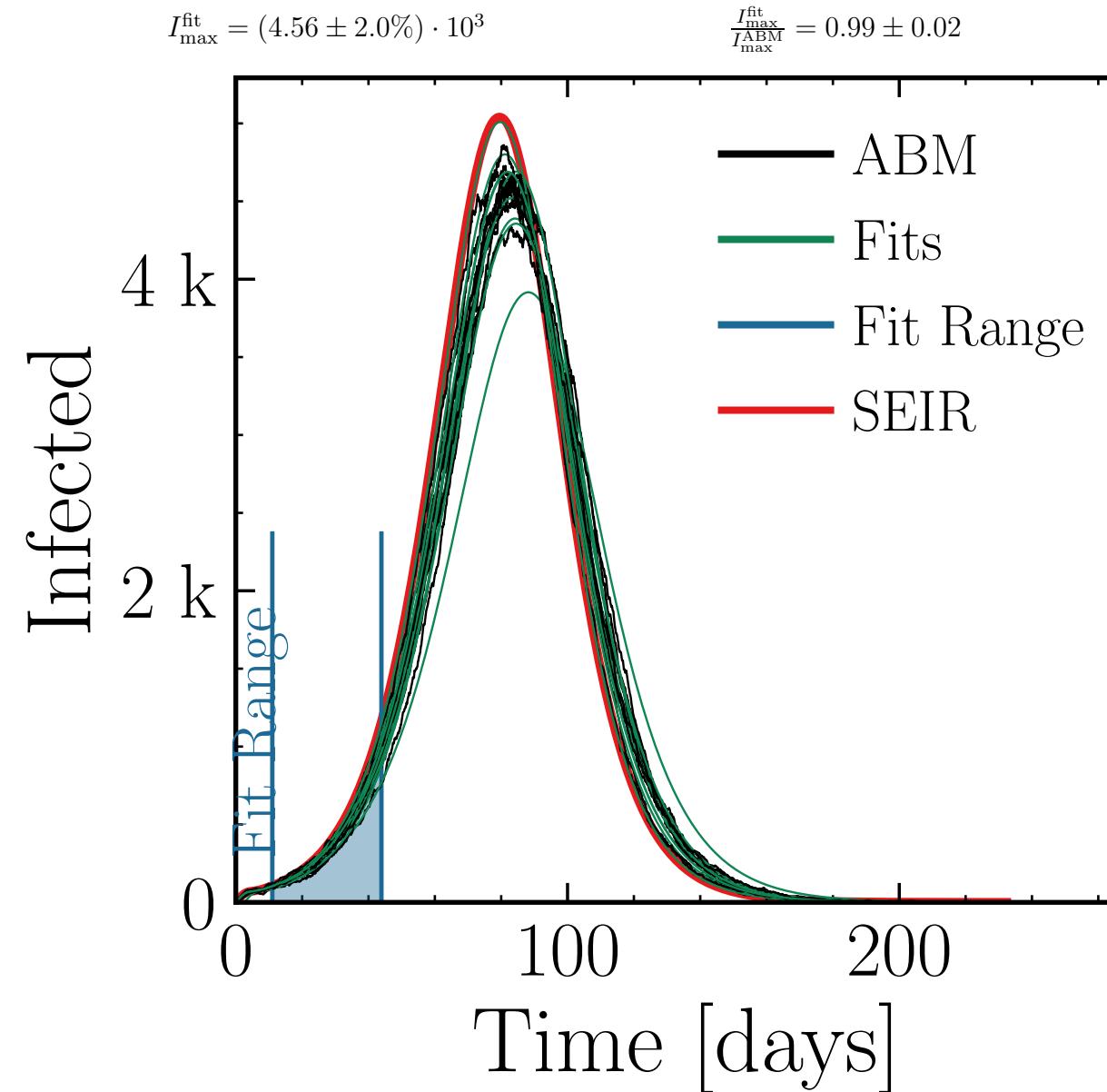
$$R_{\infty}^{\text{fit}} = (548.3 \pm 0.12\%) \cdot 10^3$$

$$\frac{R_{\infty}^{\text{fit}}}{R_{\infty}^{\text{ABM}}} = 1.002 \pm 0.0012$$

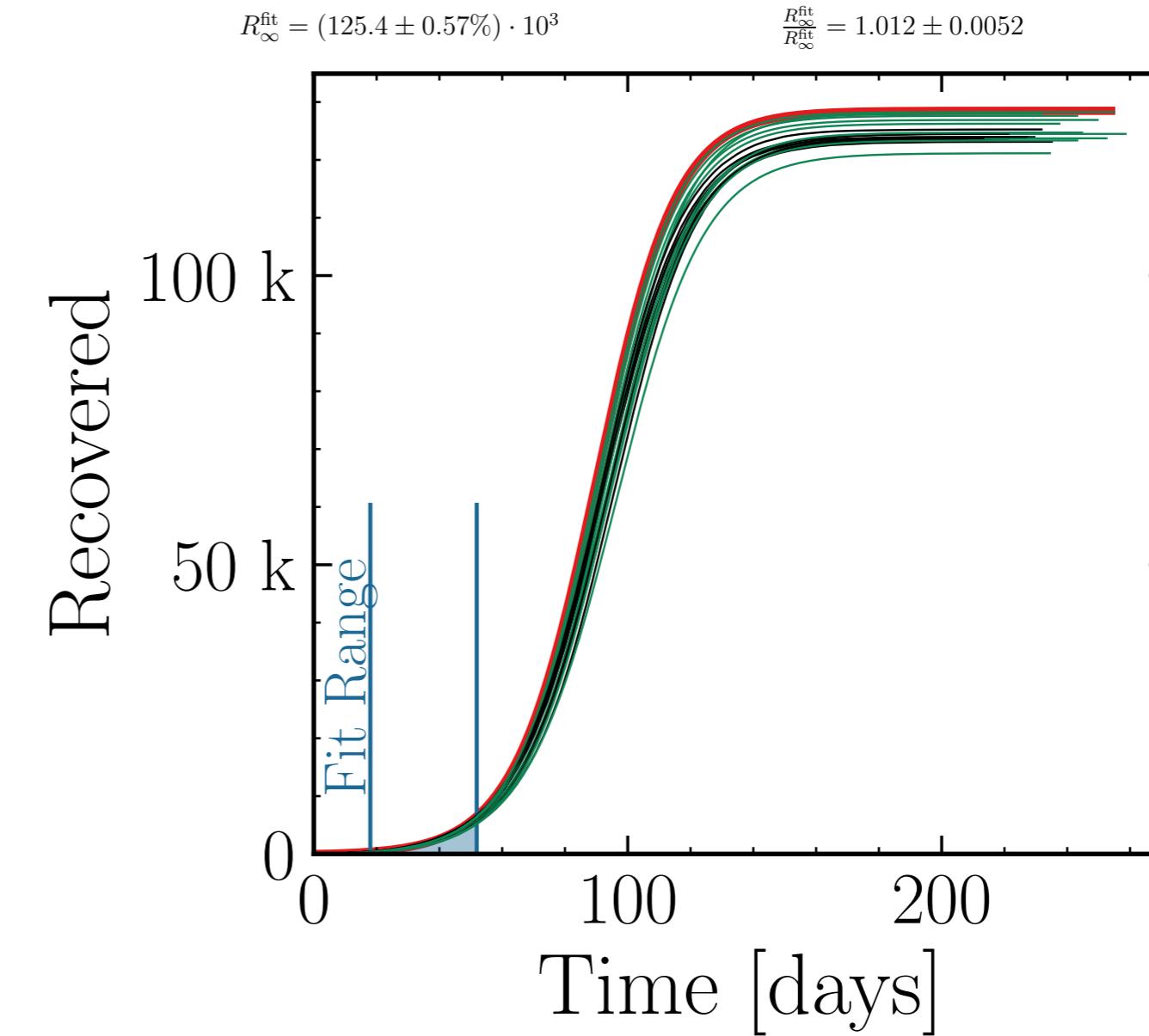
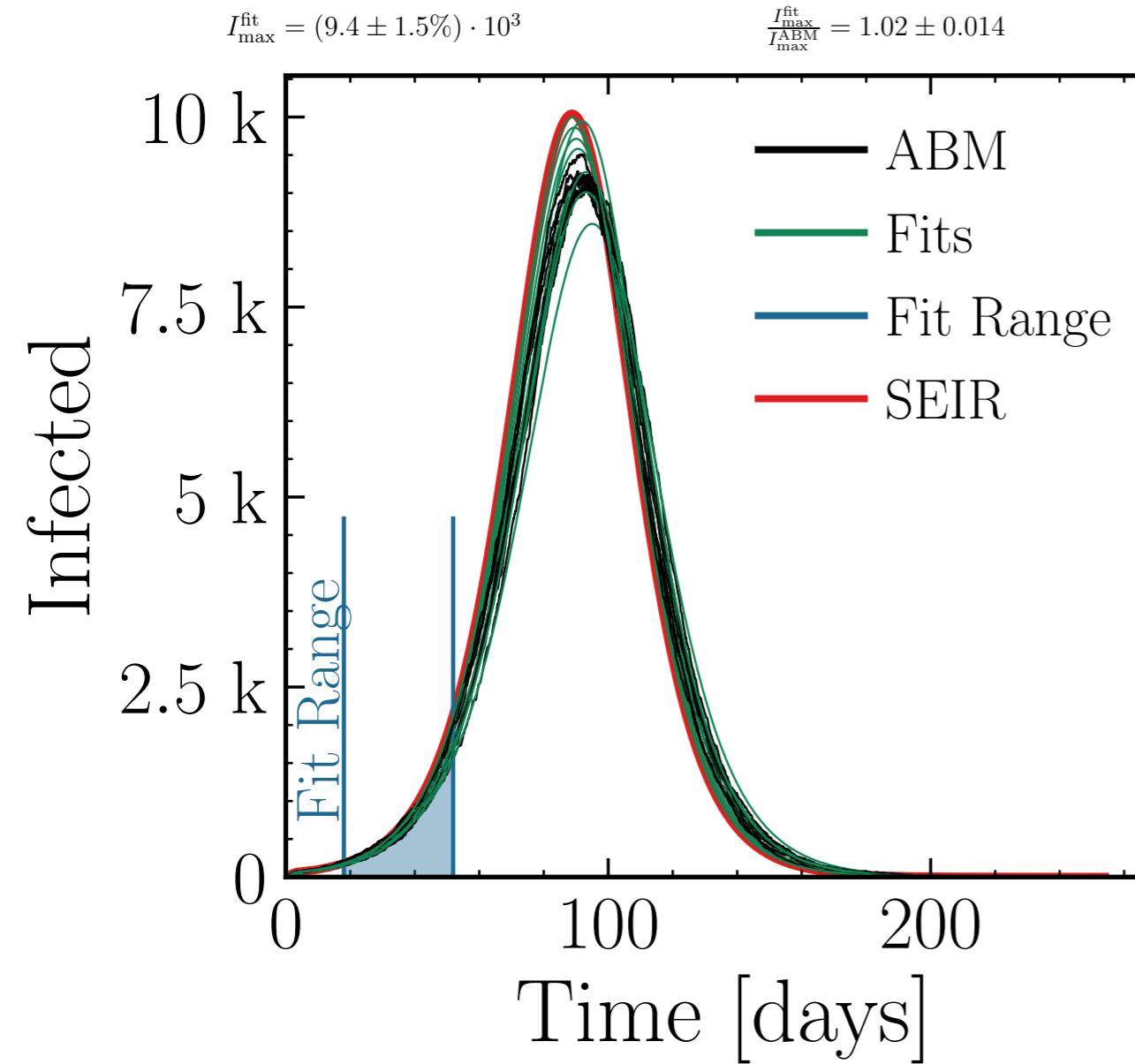


$N_{\text{tot}} = 100K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$

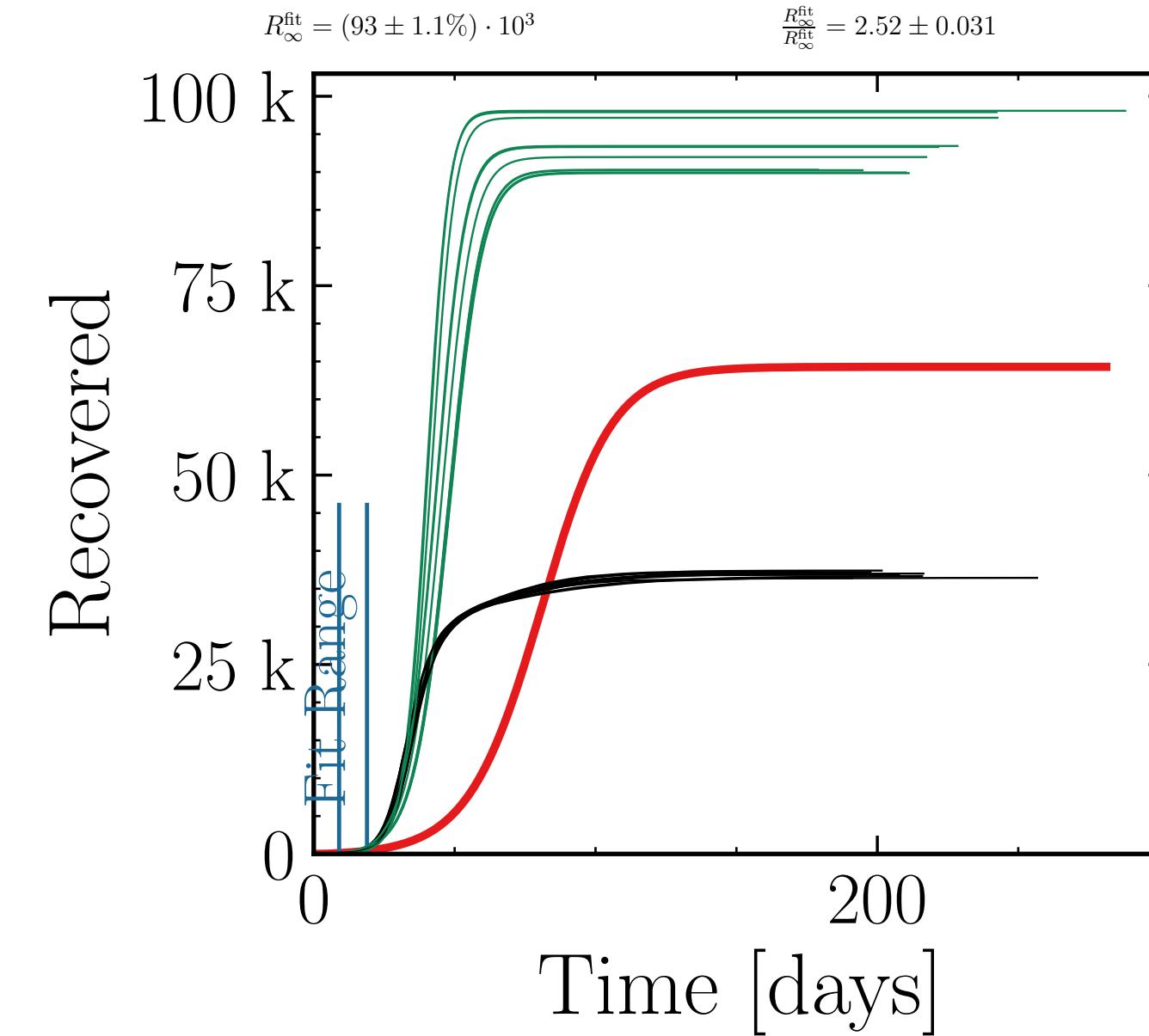
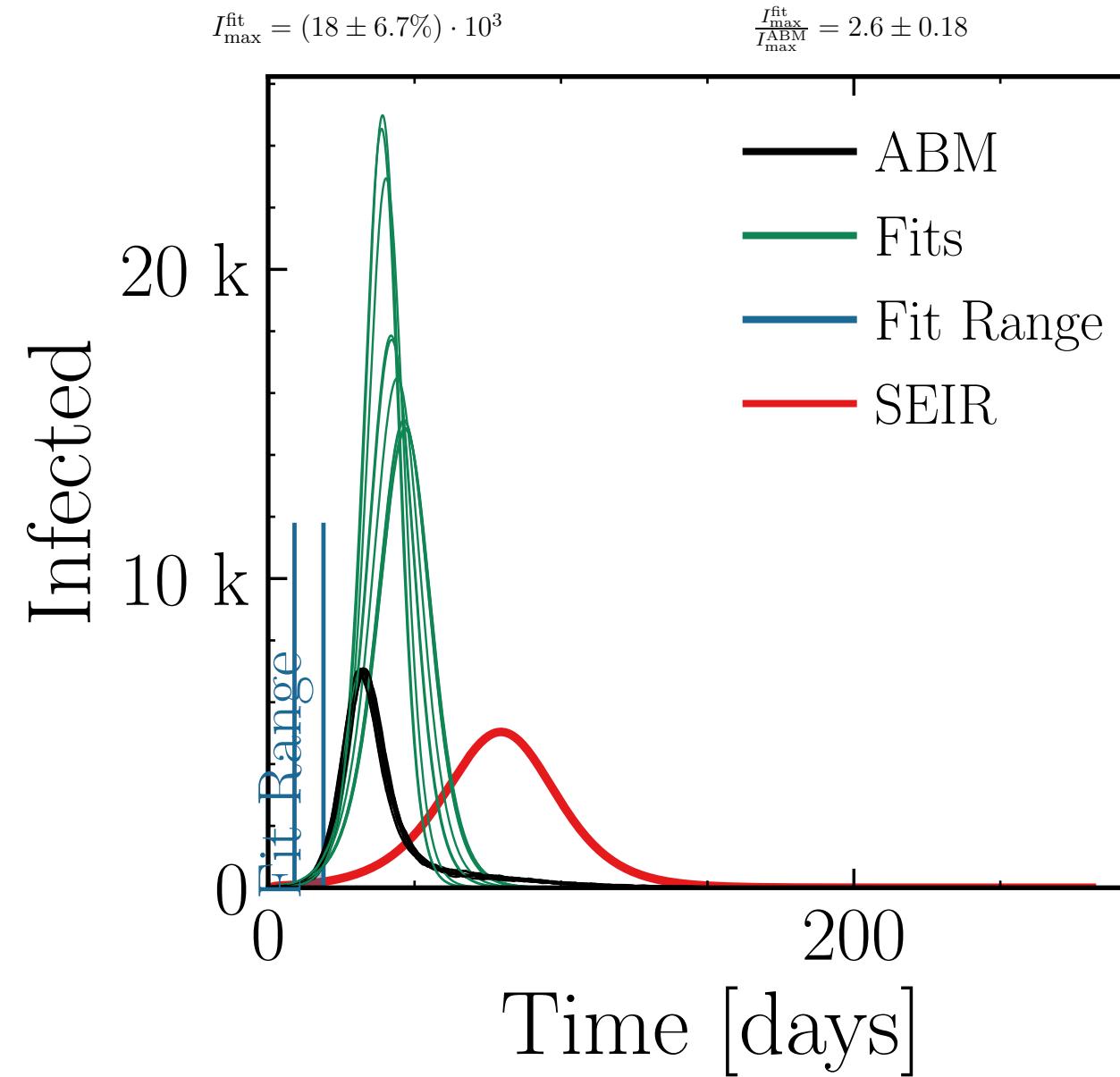
$\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = fffffae91825, #10



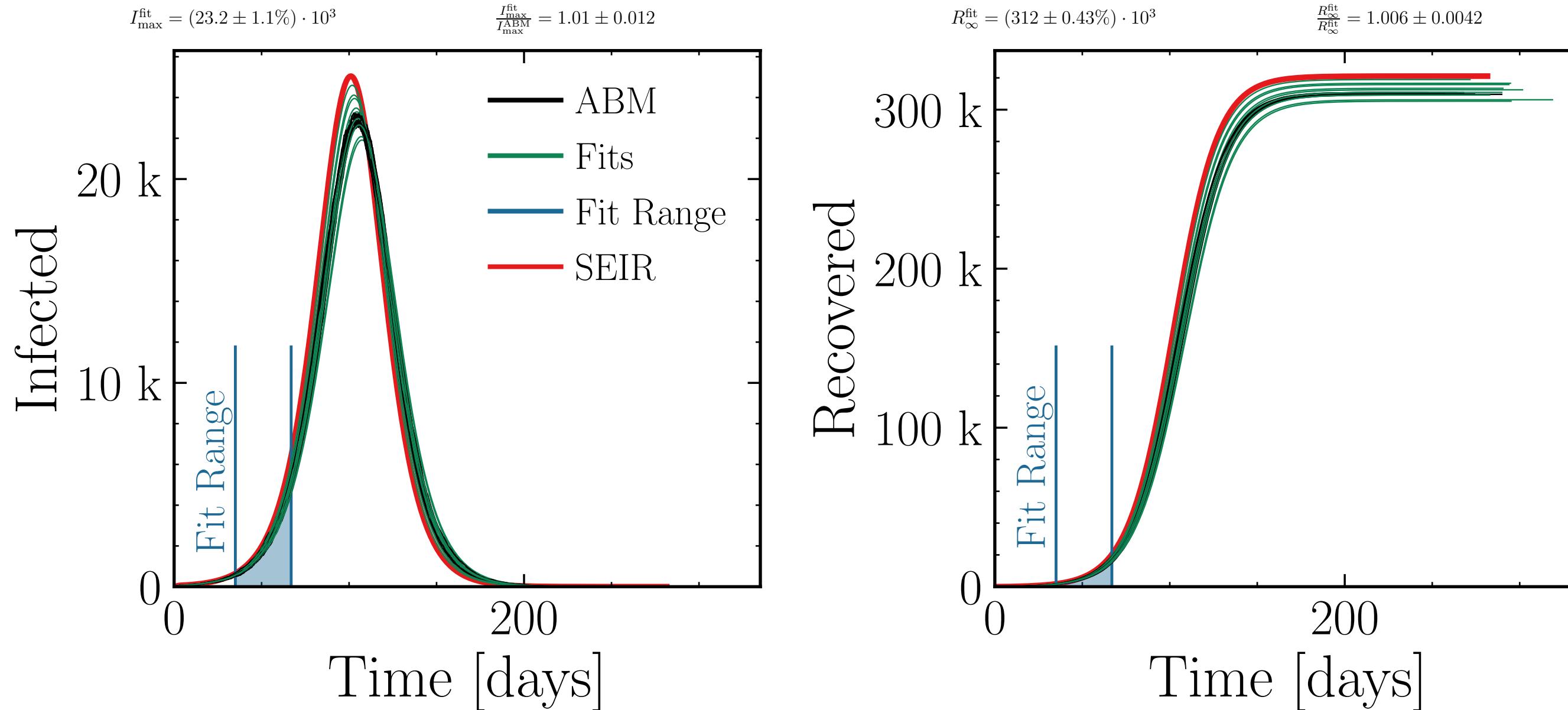
$N_{\text{tot}} = 200K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = eadc8abcc4, #10



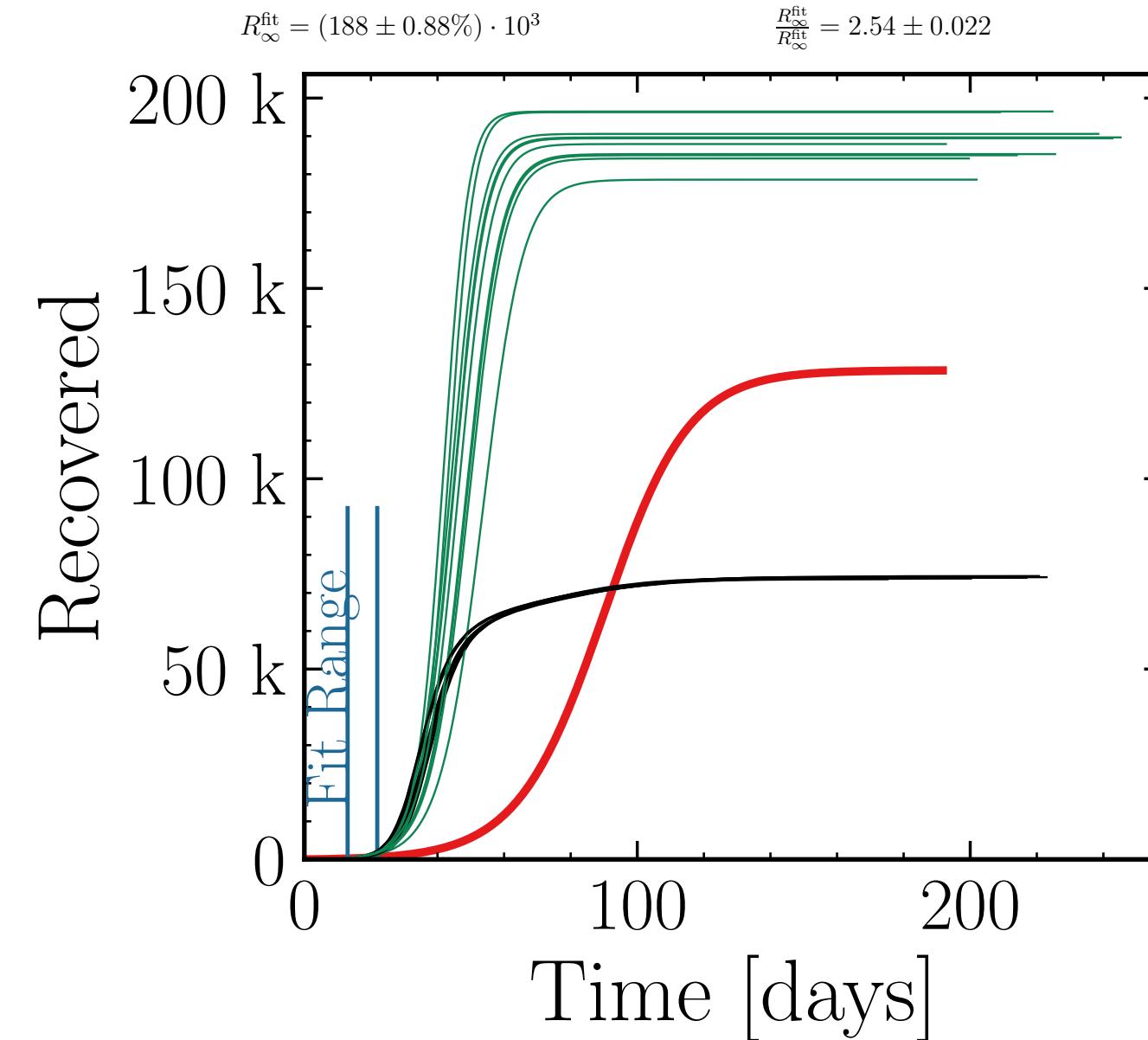
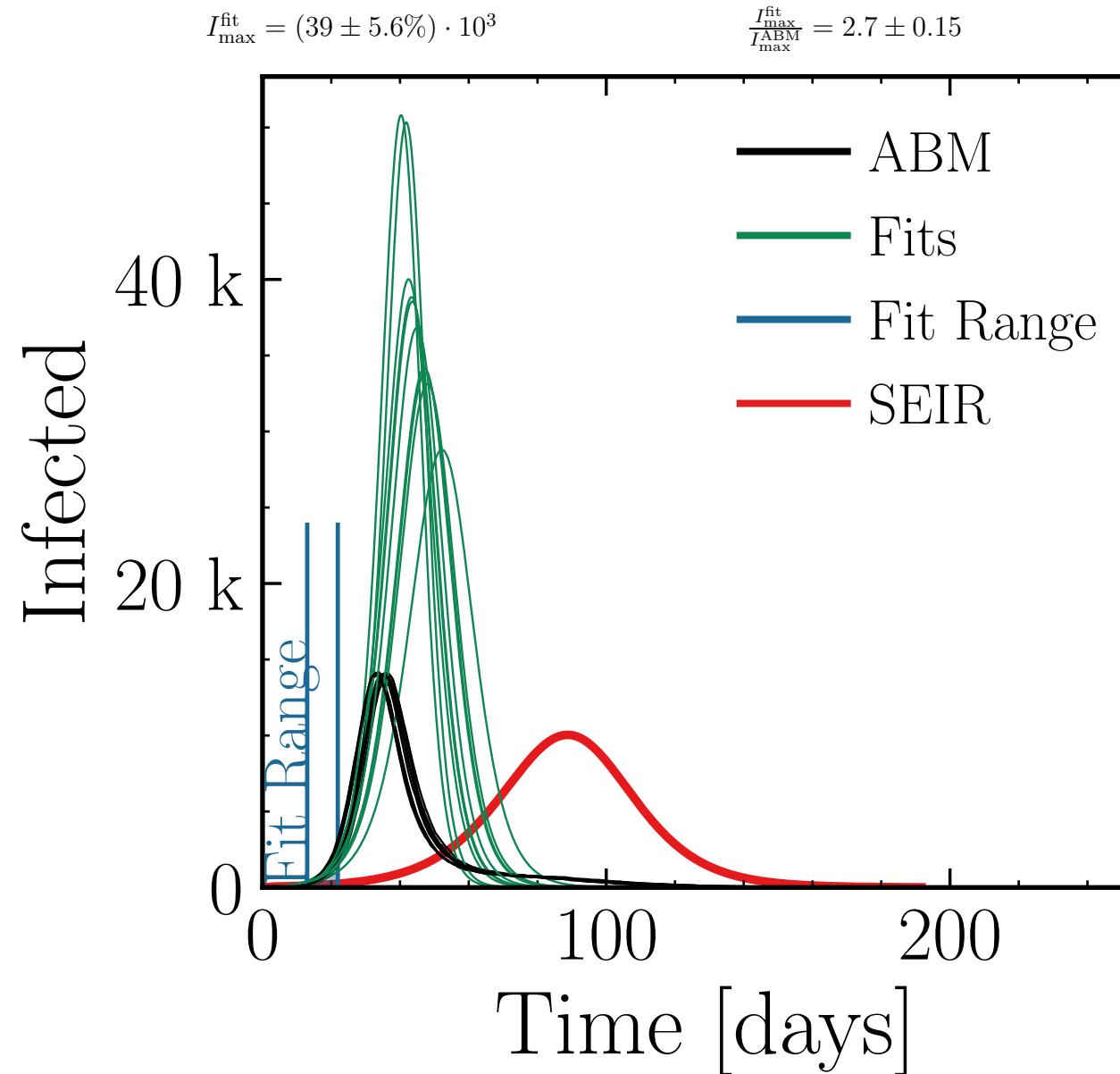
$N_{\text{tot}} = 100K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = fca9dd33d7, #10



$N_{\text{tot}} = 500K$ ,  $\rho = 0$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 05144d52d0, #10



$N_{\text{tot}} = 200K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = 32fdf611a5, #10



$N_{\text{tot}} = 500K$ ,  $\rho = 0.1$ ,  $\epsilon_\rho = 0.04$ ,  $\mu = 40.0$ ,  $\sigma_\mu = 0.0$ ,  $\beta = 0.01$ ,  $\sigma_\beta = 0.0$ , algo = 2,  $N_{\text{init}} = 100$   
 $\lambda_E = 1.0$ ,  $\lambda_I = 1.0$ , rand.inf. = True,  $N_{\text{retries}}^{\text{connect}} = 0$ ,  $N_{\text{events}} = 0$ , event<sub>size<sub>max</sub></sub> = 580K, v. = 1.0, hash = dc5d1dc9ed, #10

