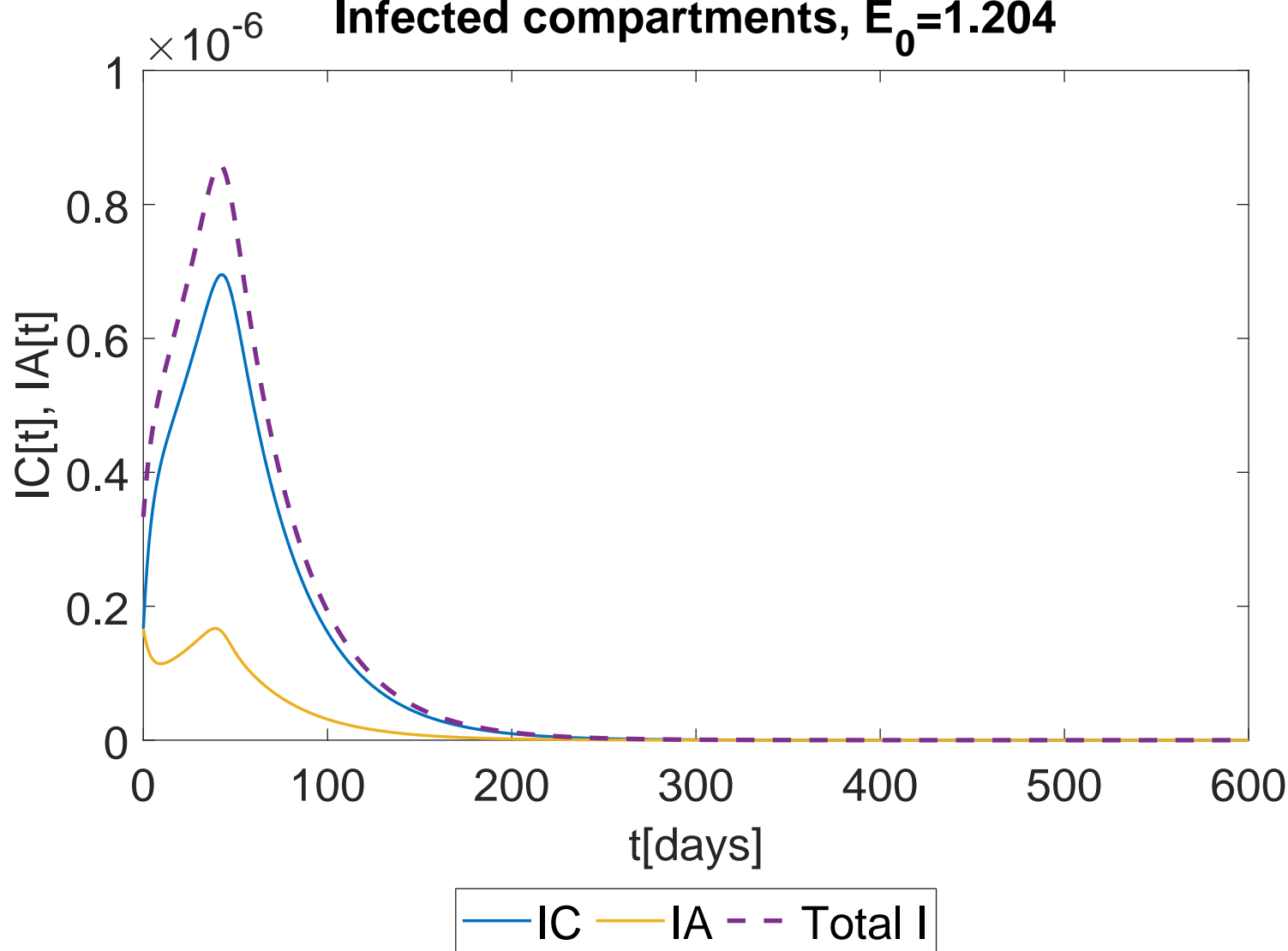


# Infected compartments, $E_0=1.204$



$$R_0=3.6$$

$$B_1=8.5$$

$$B_2=8.5$$

$$\beta=0.4$$

$$\gamma=0.11$$

$$k_1=0.34$$

$$k_2=0.28$$

$$\lambda_1=0.04$$

$$\lambda_2=0.03$$