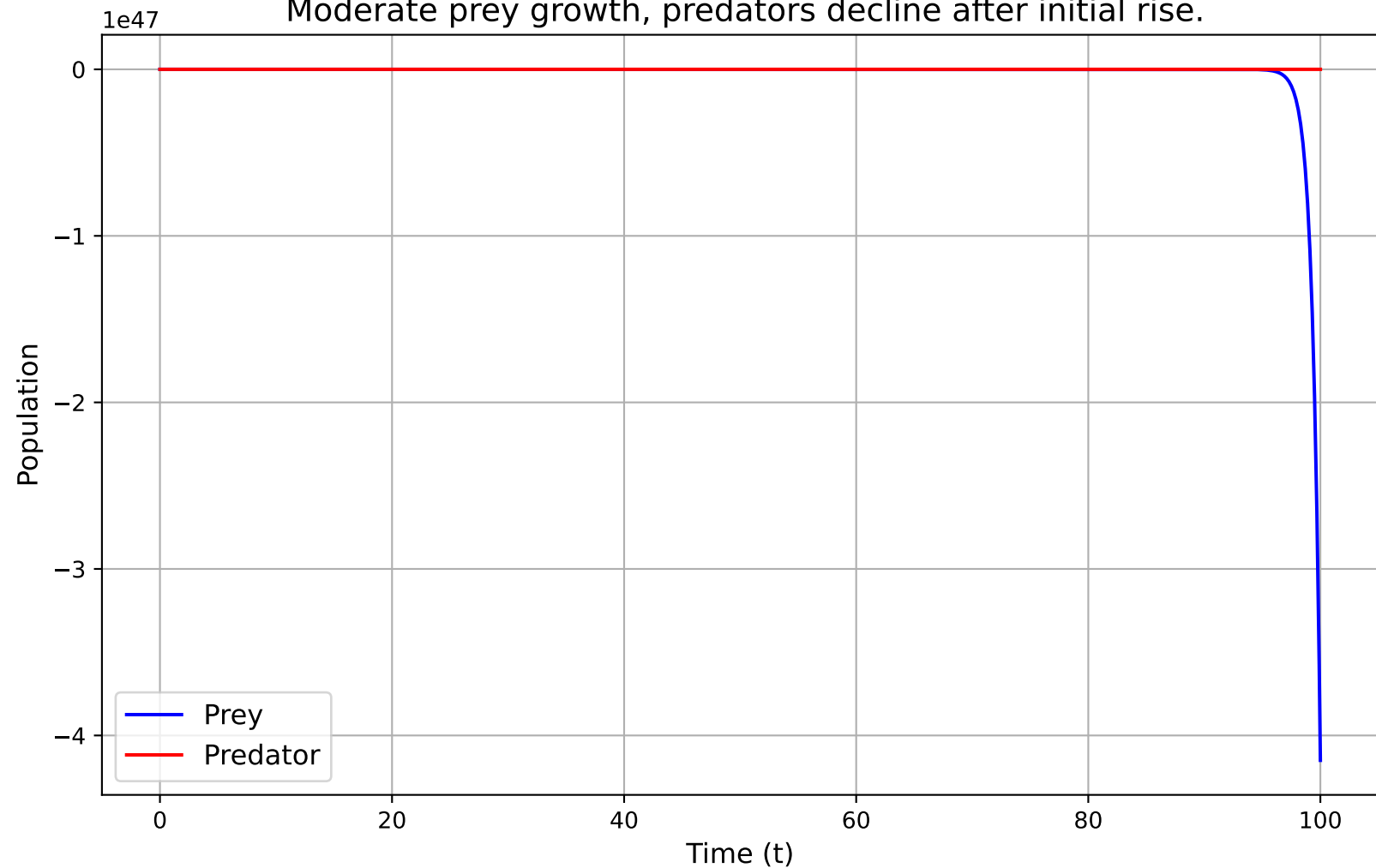


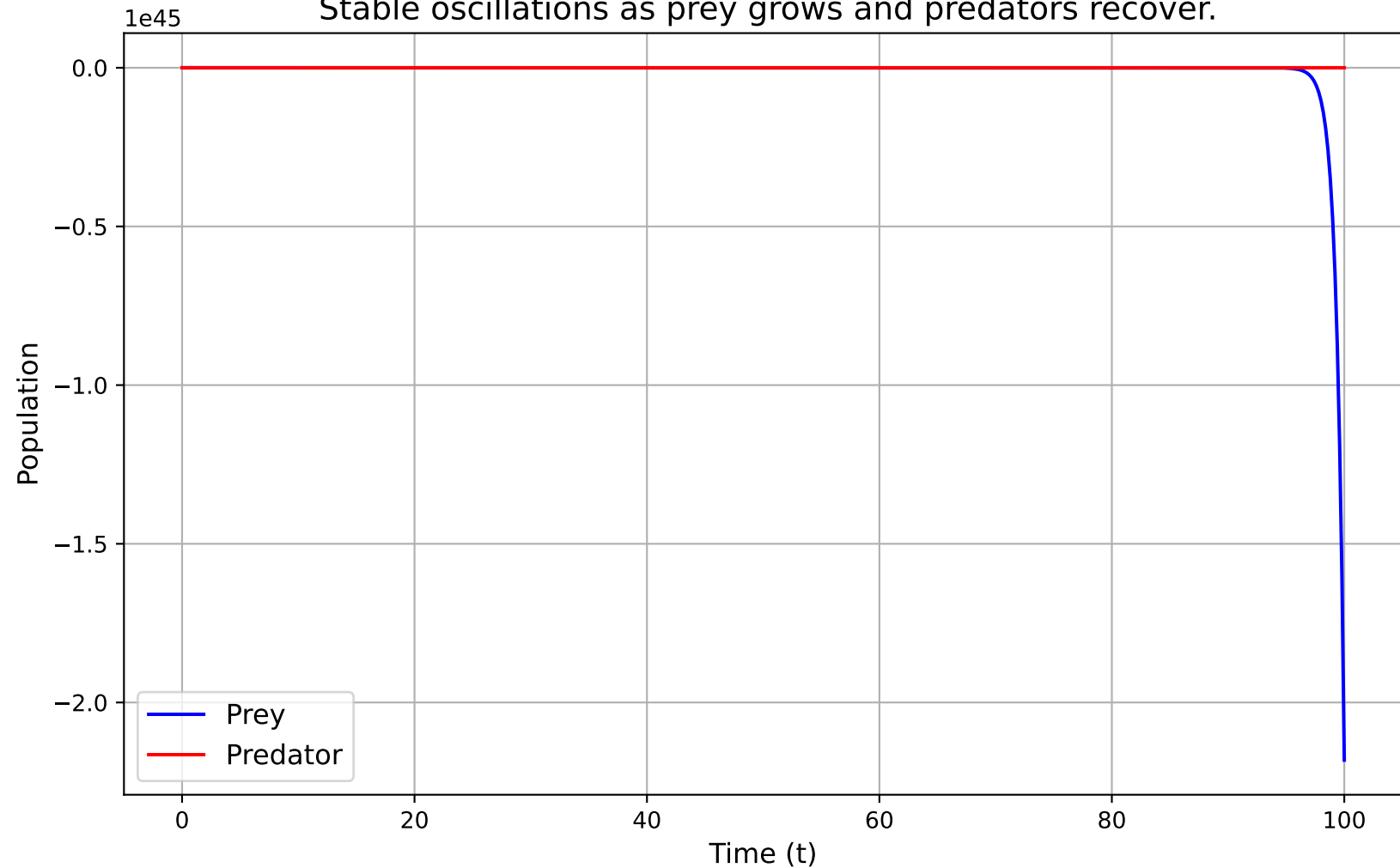
$$\alpha = 1.49, \beta = 0.52, \delta = 0.33, \gamma = 0.62$$

Moderate prey growth, predators decline after initial rise.



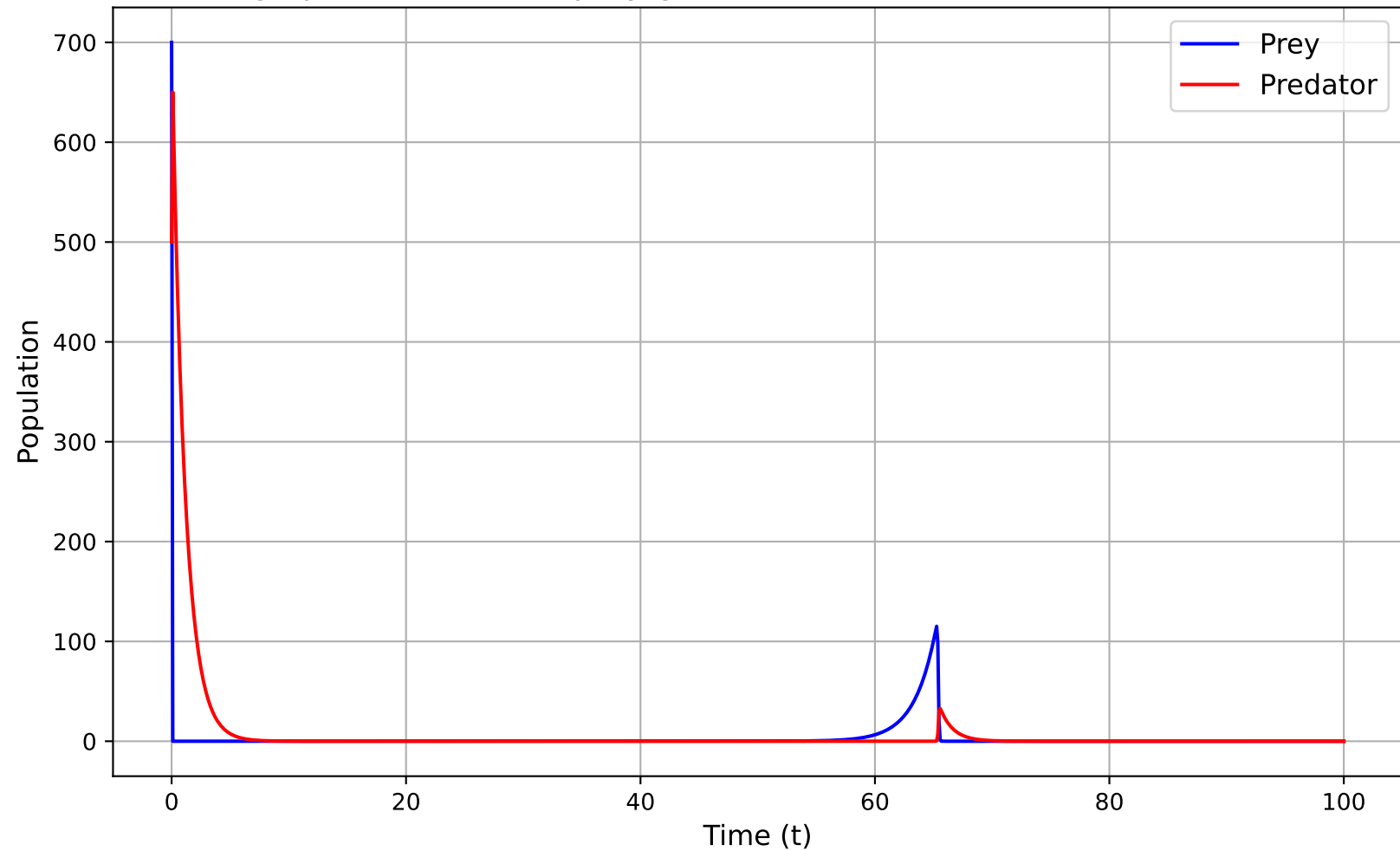
$$\alpha = 1.52, \beta = 0.52, \delta = 0.33, \gamma = 0.43$$

Stable oscillations as prey grows and predators recover.

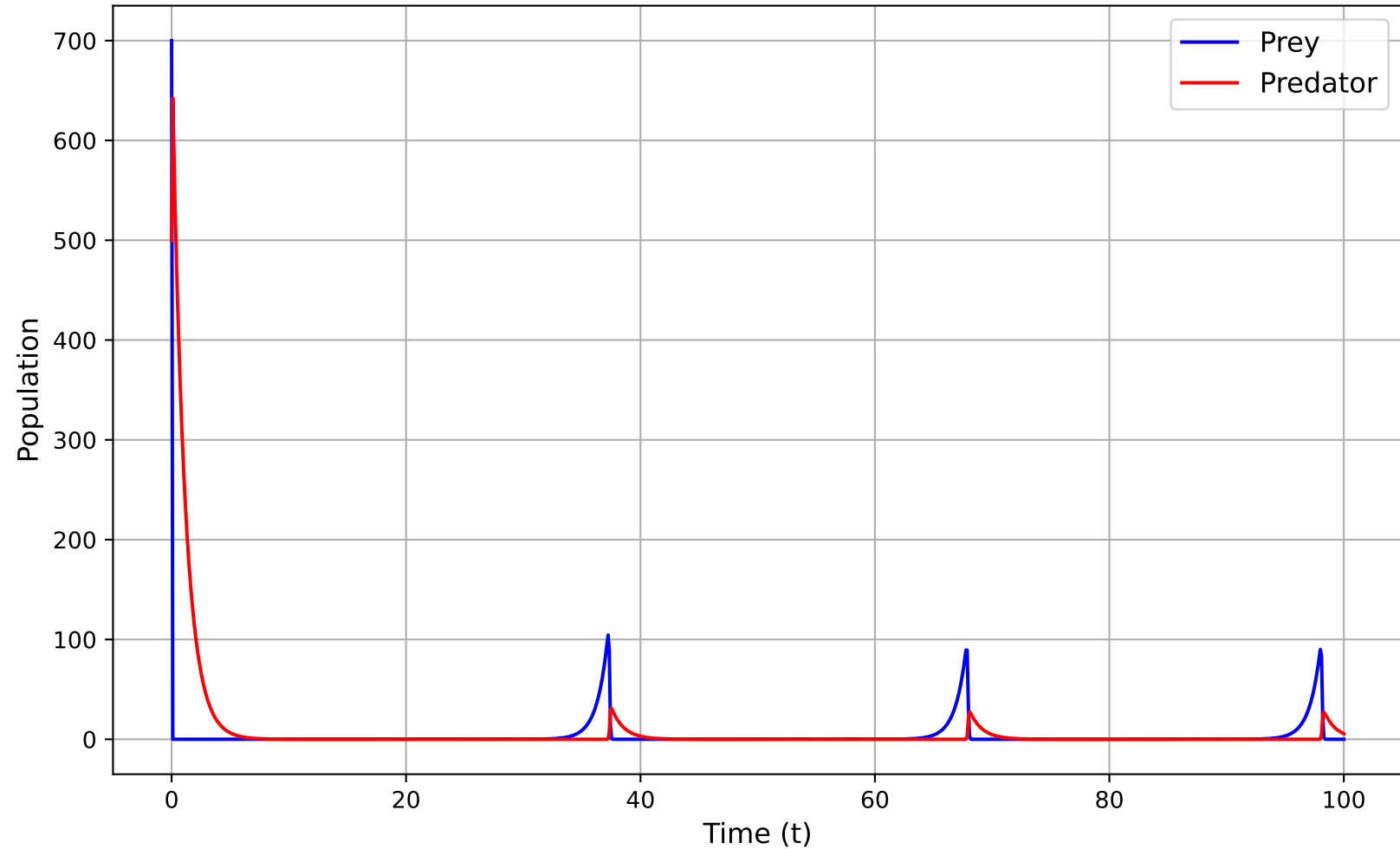


$$\alpha = 0.55, \beta = 0.86, \delta = 0.26, \gamma = 0.91$$

High predation, weak prey growth. Predators crash after initial rise.

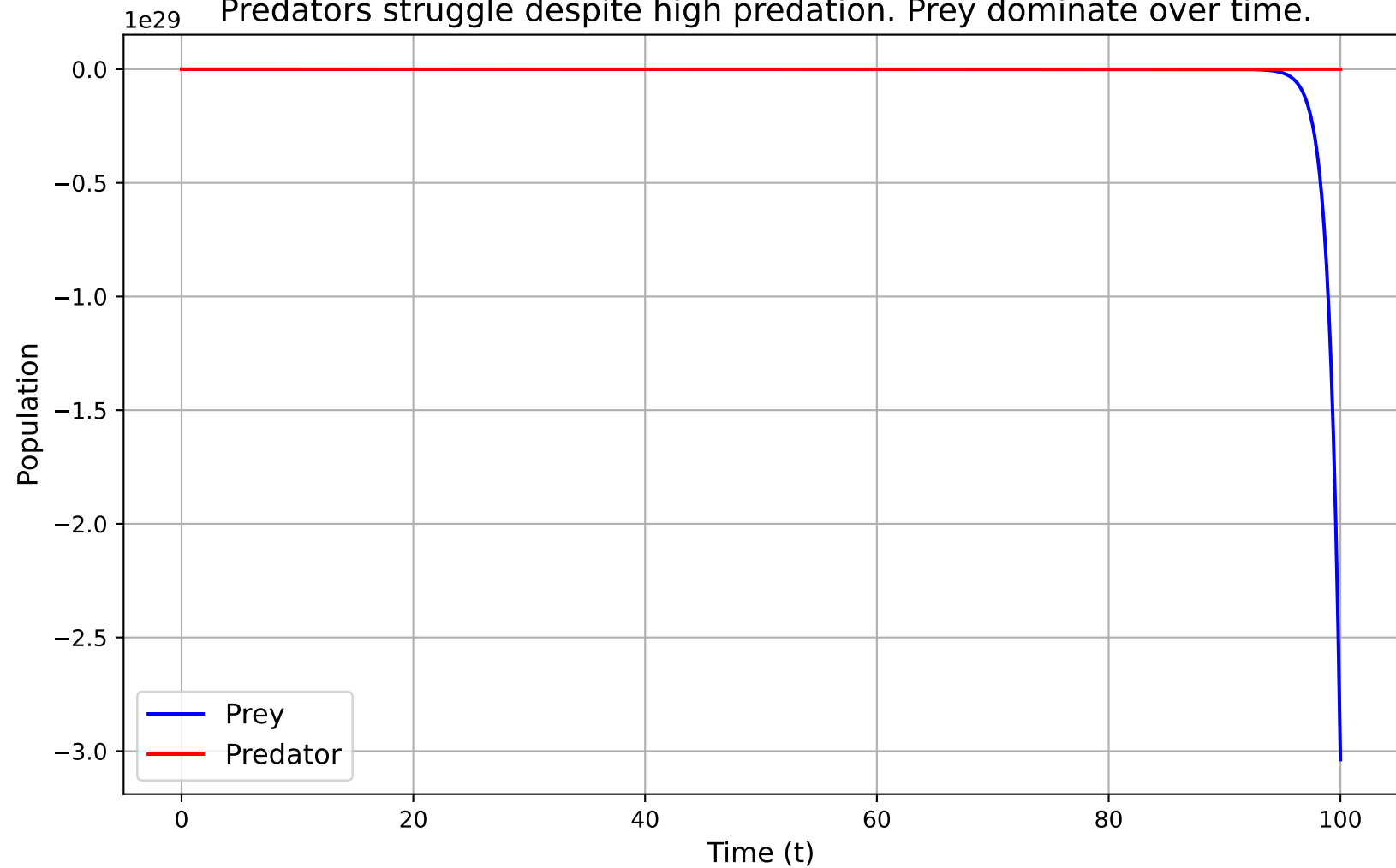


$\alpha = 1.11, \beta = 0.99, \delta = 0.29, \gamma = 0.94$
Extreme swings, predators boom and crash after depleting prey.



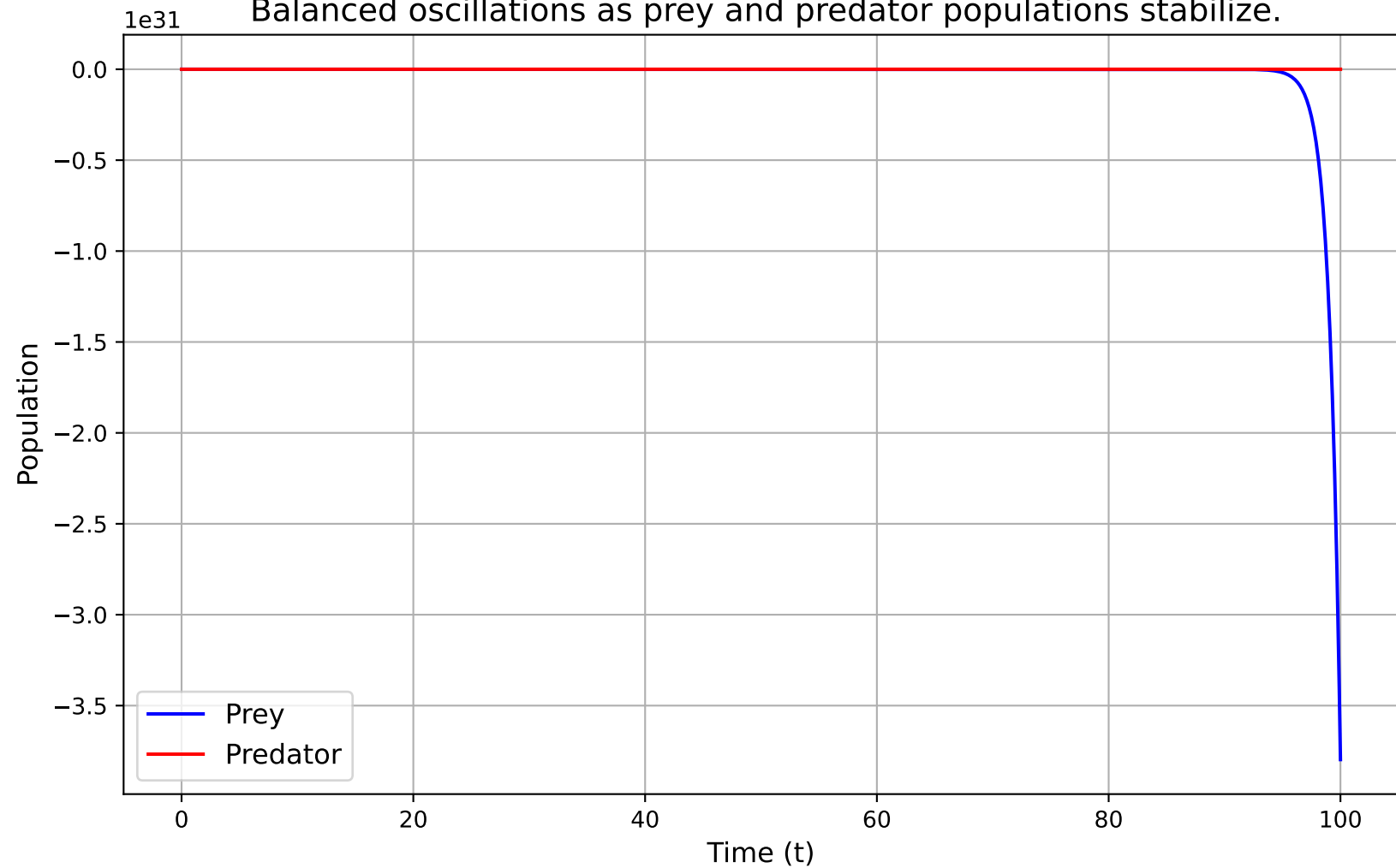
$$\alpha = 1.05, \beta = 0.84, \delta = 0.05, \gamma = 0.78$$

Predators struggle despite high predation. Prey dominate over time.



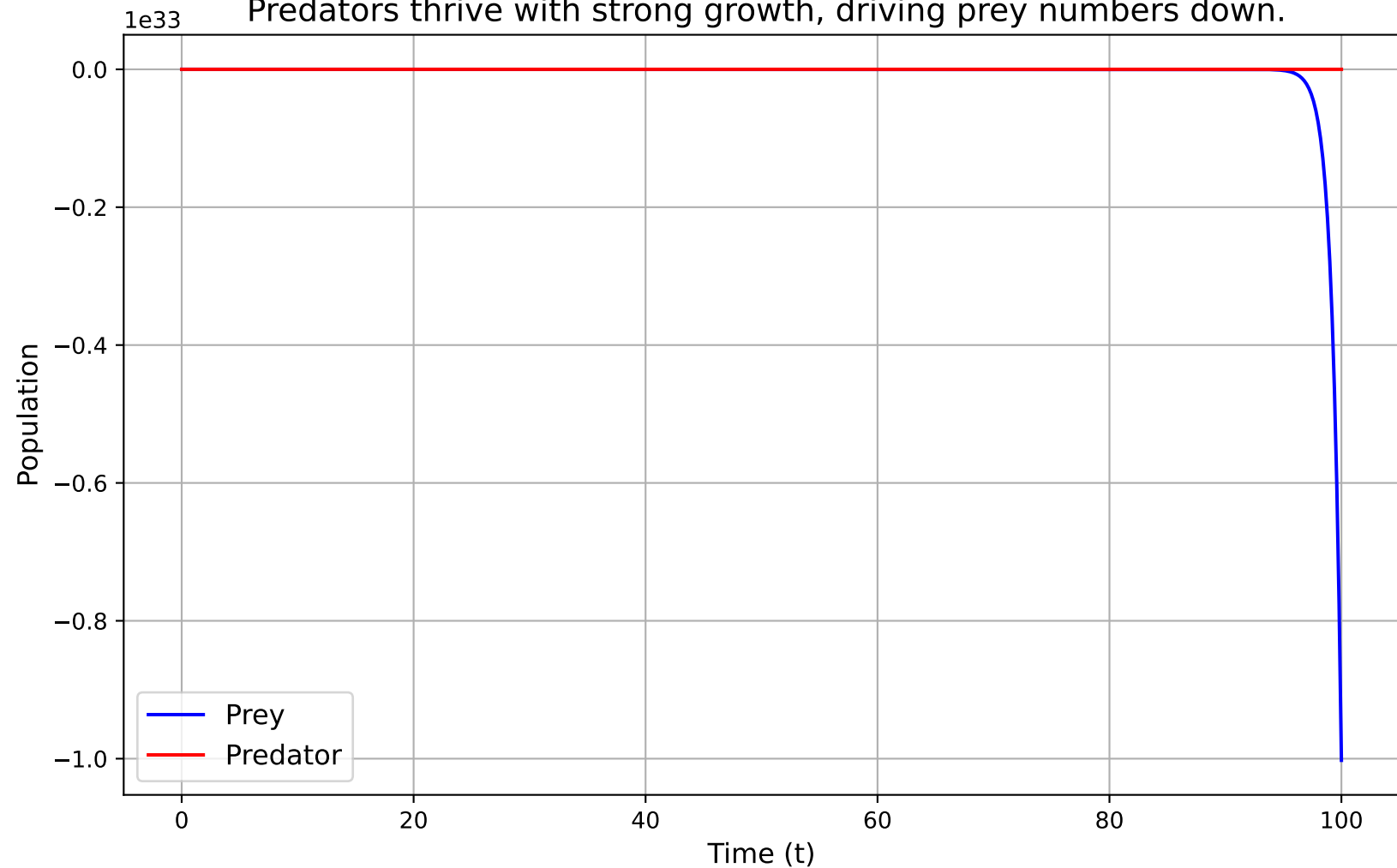
$$\alpha = 1.07, \beta = 0.6, \delta = 0.32, \gamma = 0.79$$

Balanced oscillations as prey and predator populations stabilize.



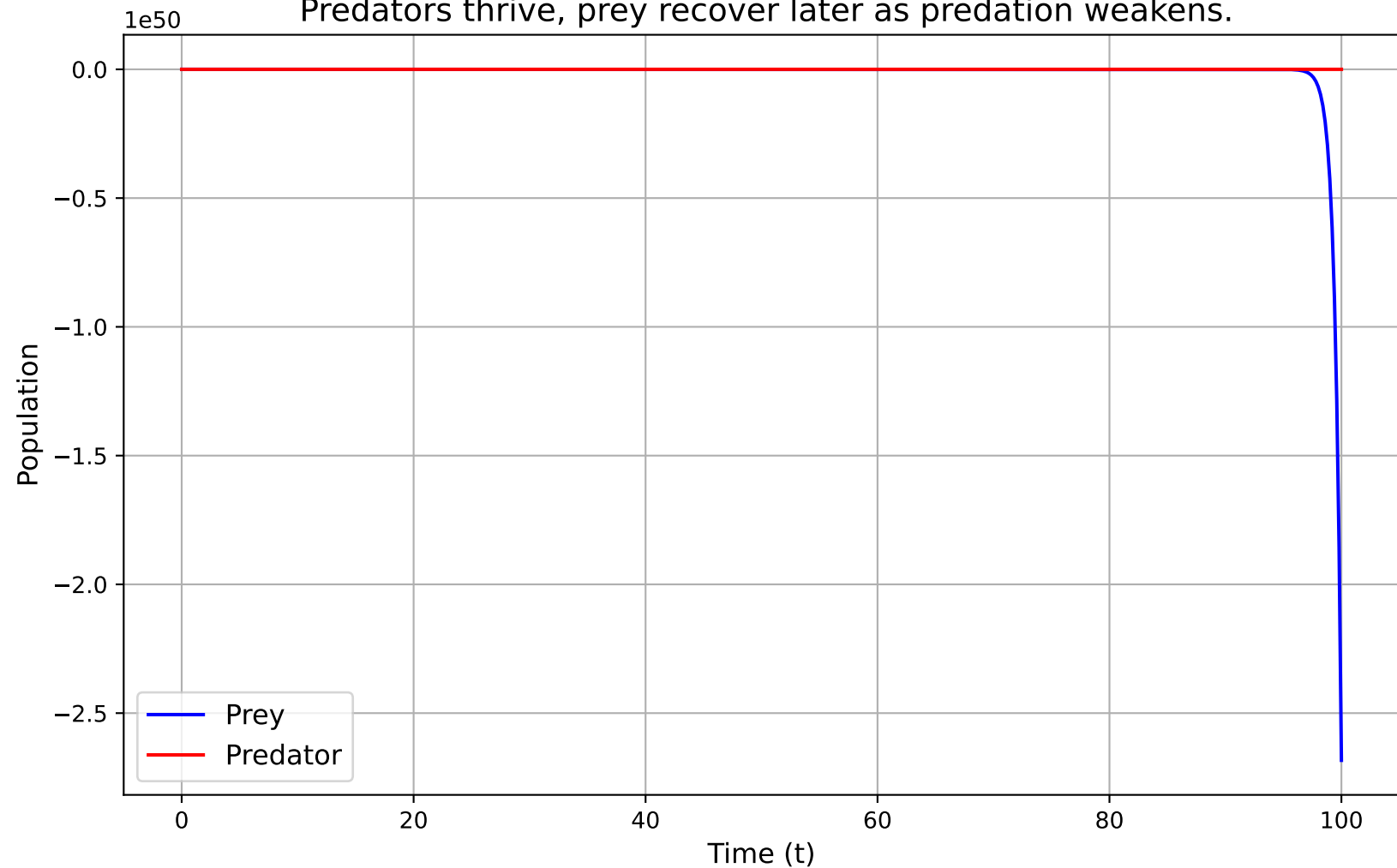
$$\alpha = 1.28, \beta = 0.96, \delta = 0.32, \gamma = 0.32$$

Predators thrive with strong growth, driving prey numbers down.



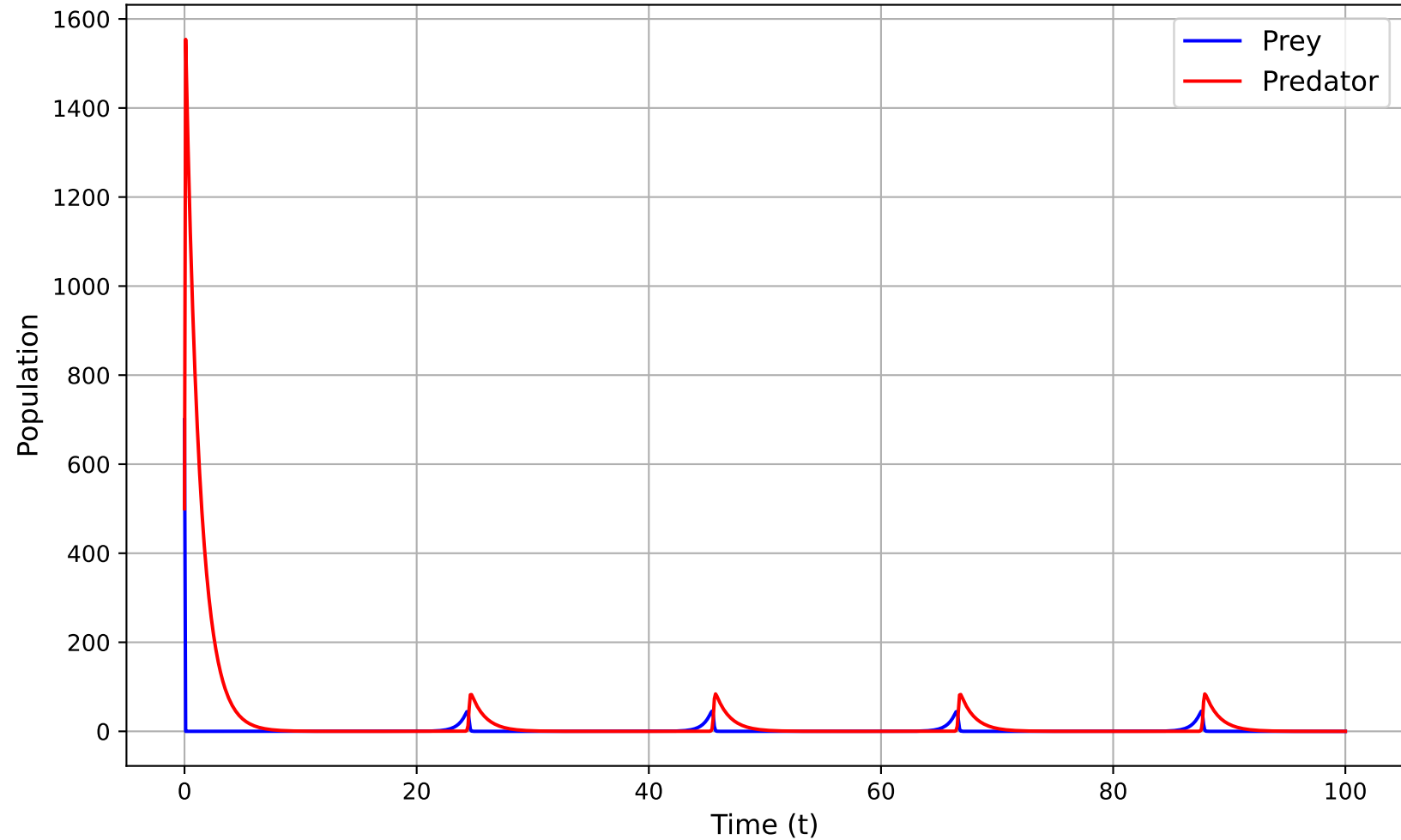
$$\alpha = 1.84, \beta = 0.61, \delta = 0.42, \gamma = 0.26$$

Predators thrive, prey recover later as predation weakens.



$$\alpha = 1.44, \beta = 0.25, \delta = 0.42, \gamma = 0.82$$

Prey grow rapidly with weak predation. Predator decline follows.



$$\alpha = 1.69, \beta = 0.23, \delta = 0.12, \gamma = 0.97$$

Predators near extinction as prey dominates due to weak predation.

