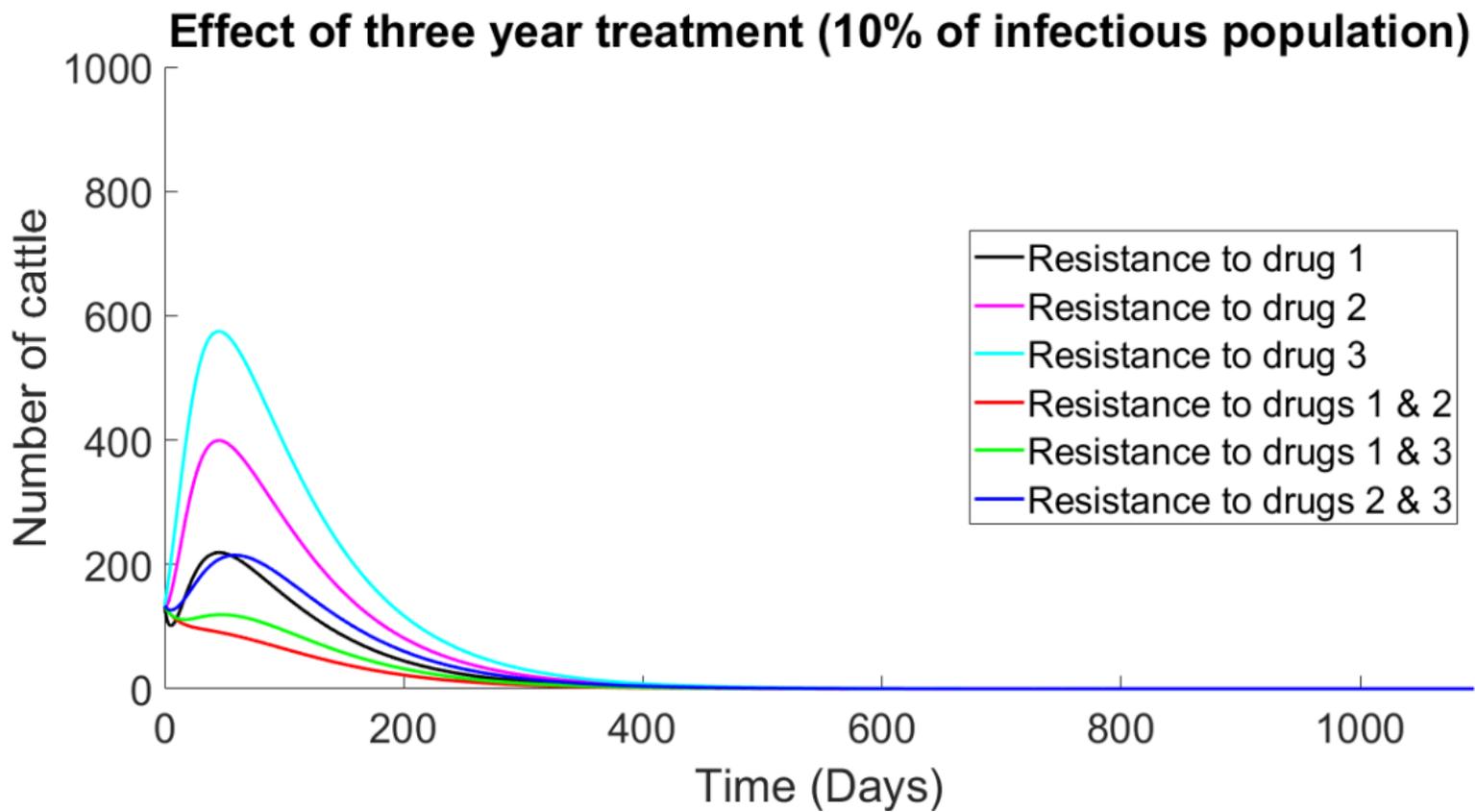


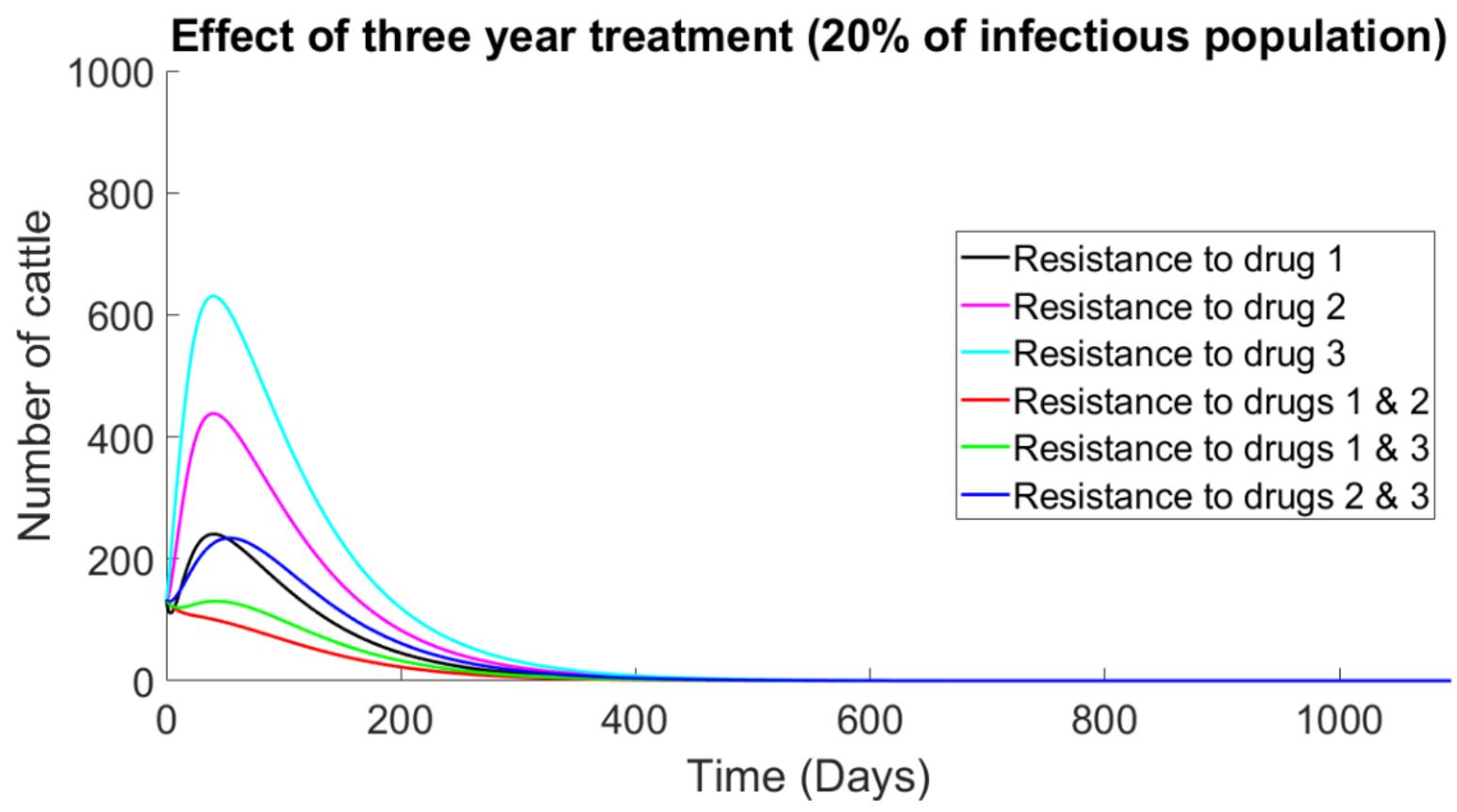
**Supplementary Materials 2:** Numerical simulations for trypanocide use in increasing and decreasing resistance order. (A, B, C, D, E) Trypanocide use in increasing resistance order for 0.04, 0.075, 0.11 transmission rates after treating 10%, 20%, 40%, 80% and 100% of the infected cattle population respectively, and (F, G, H, I, J) the reverse (decreasing resistance order) for 0.11, 0.075, 0.04 transmission rates after treating 10%, 20%, 40%, 80% and 100% of the infected cattle population respectively.

A



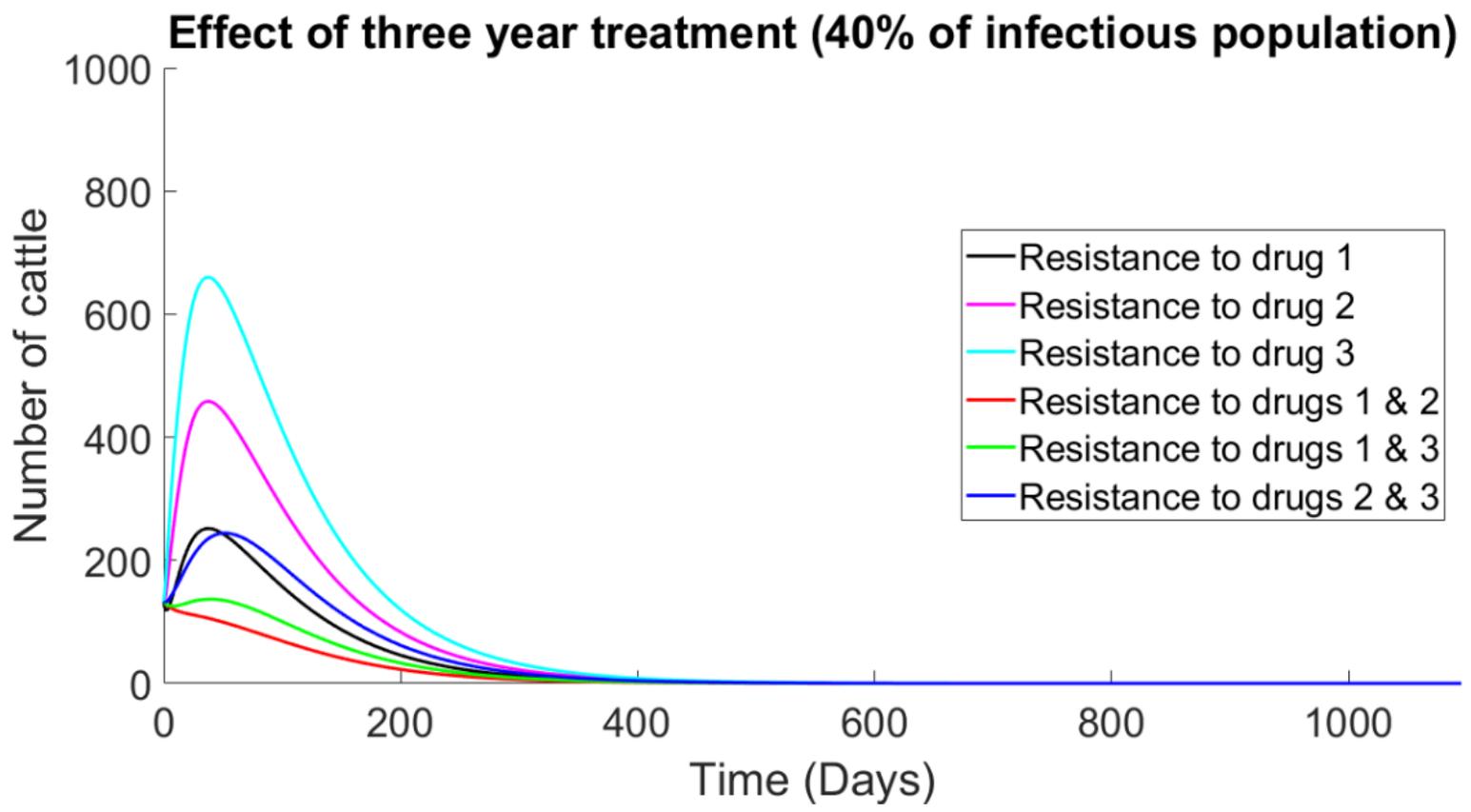
10% treatment with increasing resistance

**B**



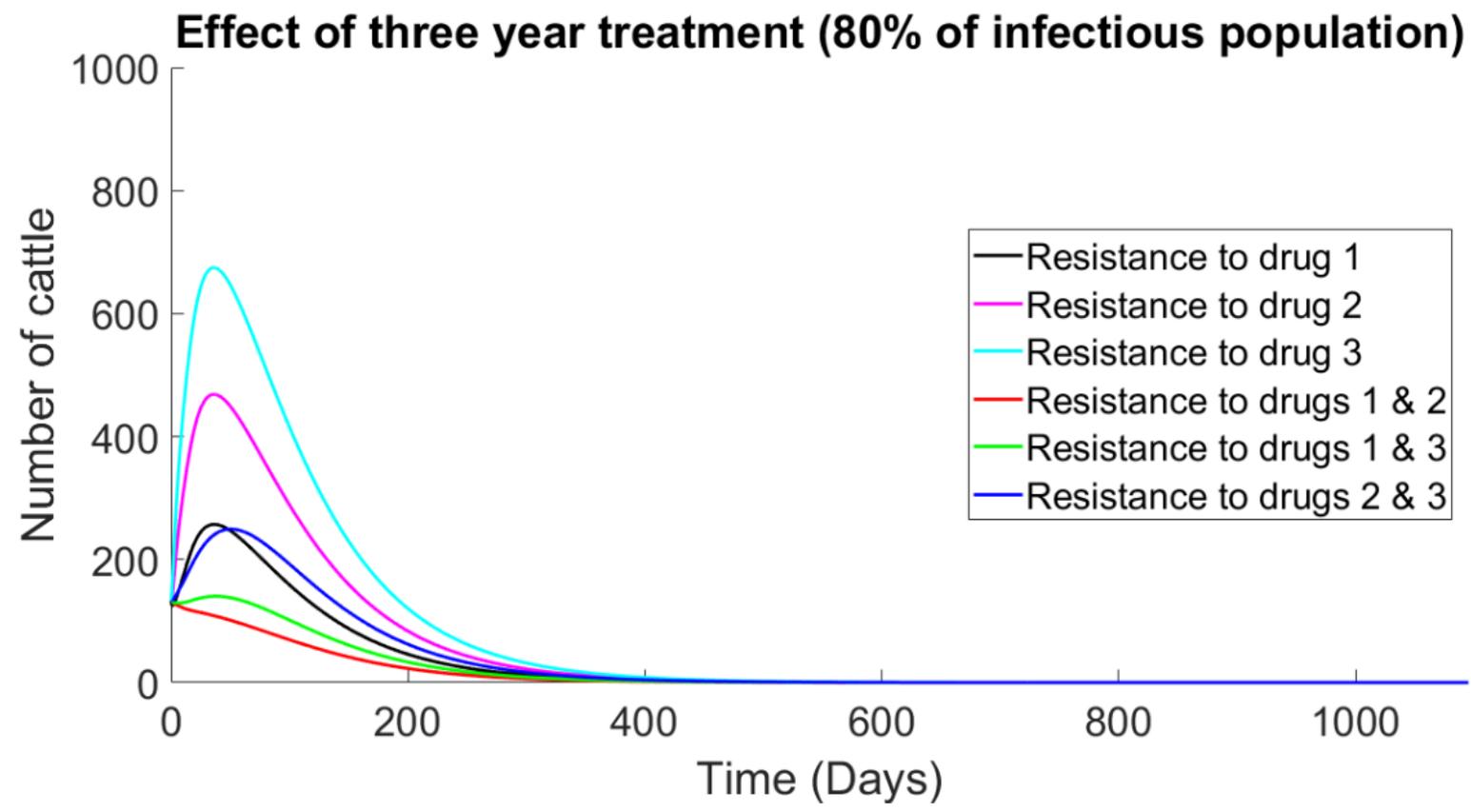
20% treatment with increasing resistance

C



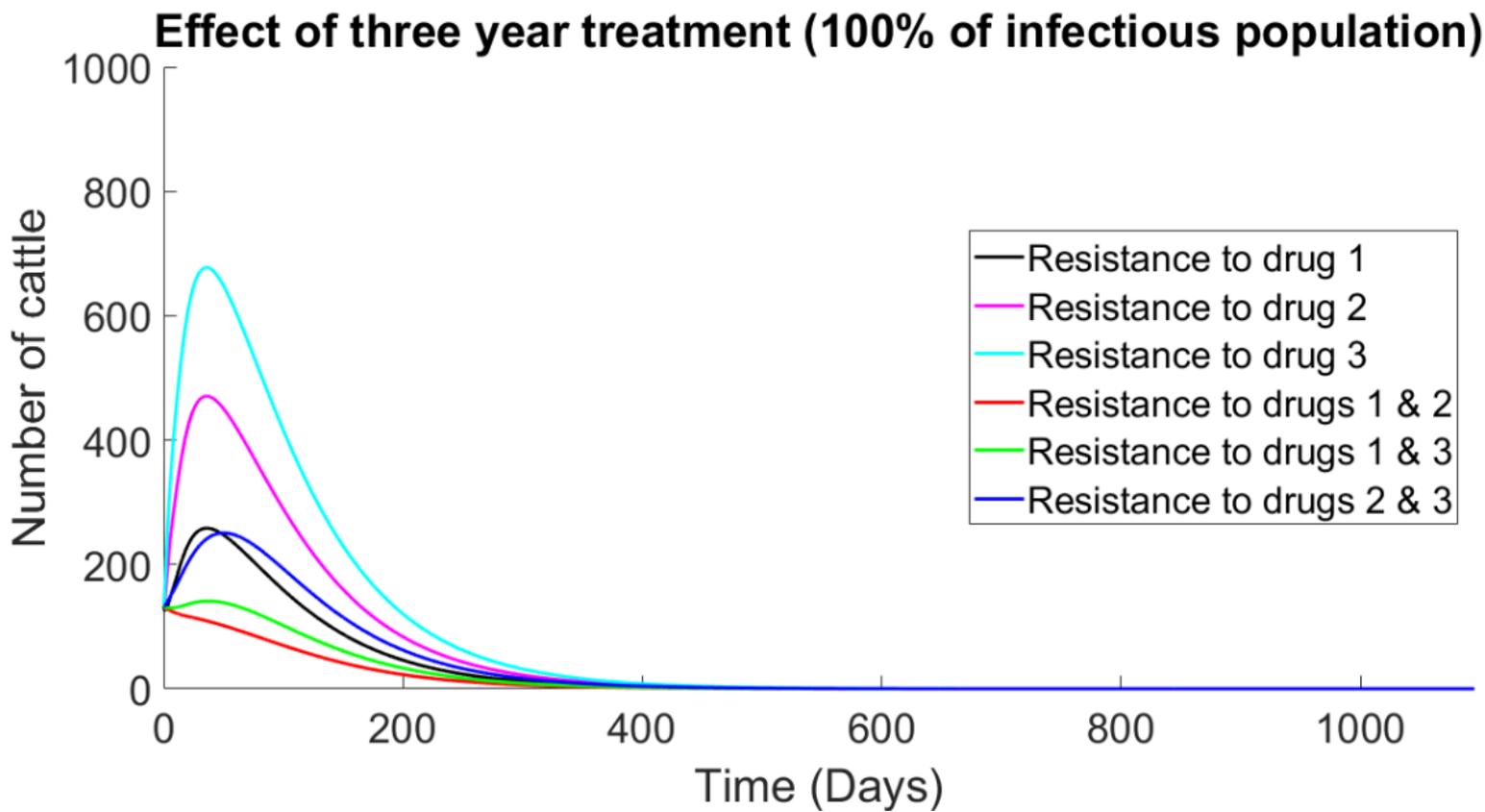
40% treatment with increasing resistance

D



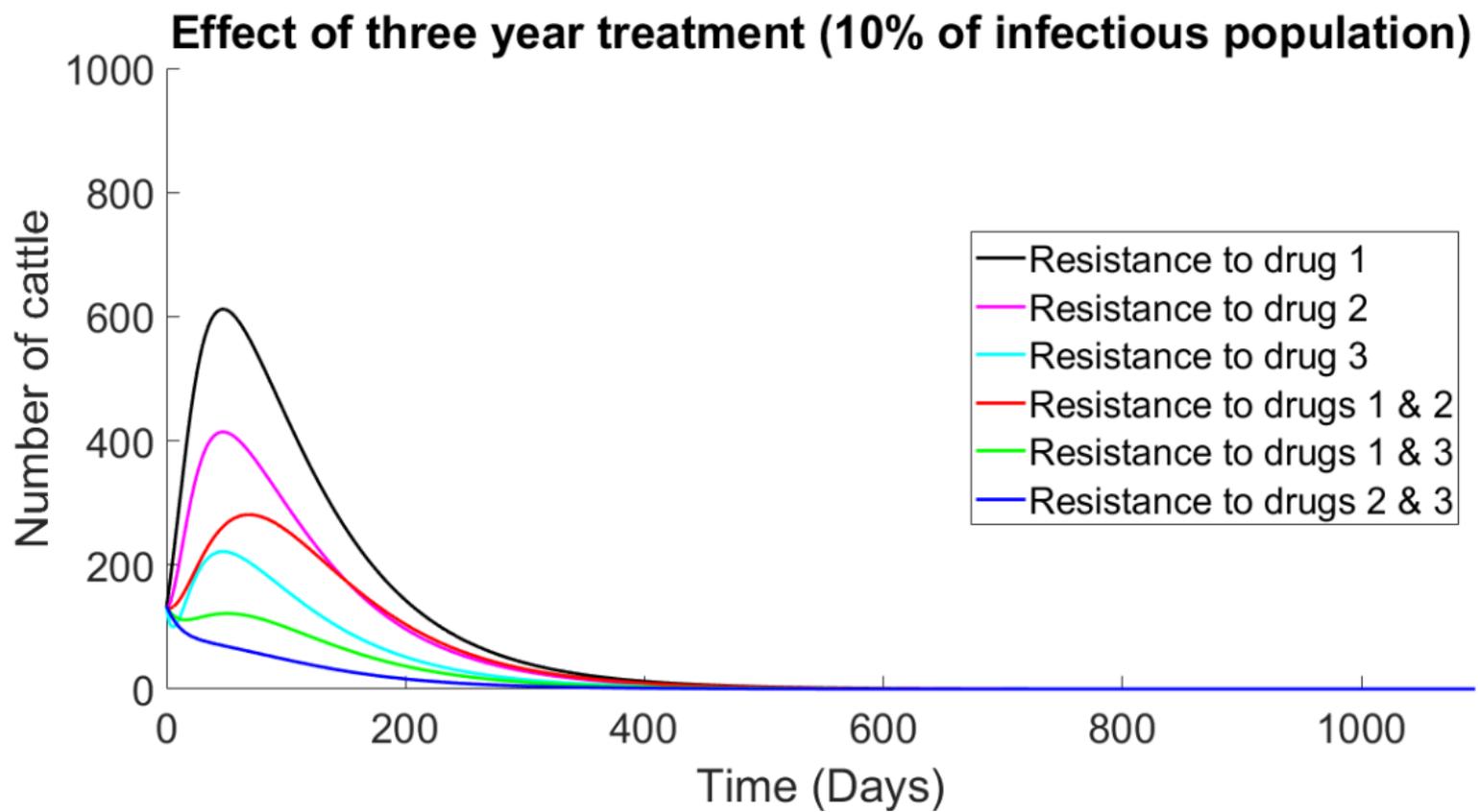
80% treatment with increasing resistance

E



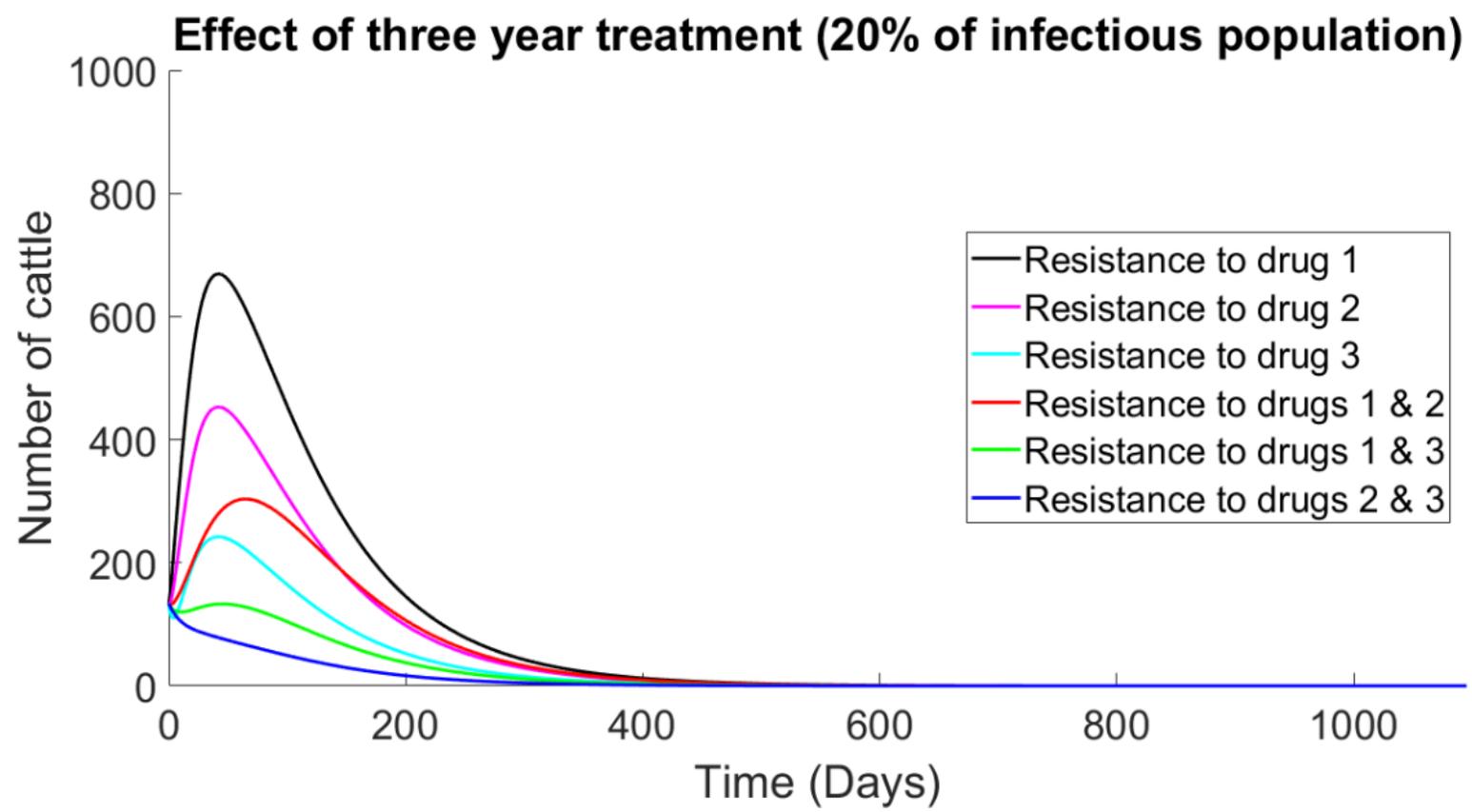
100% treatment with increasing resistance

F



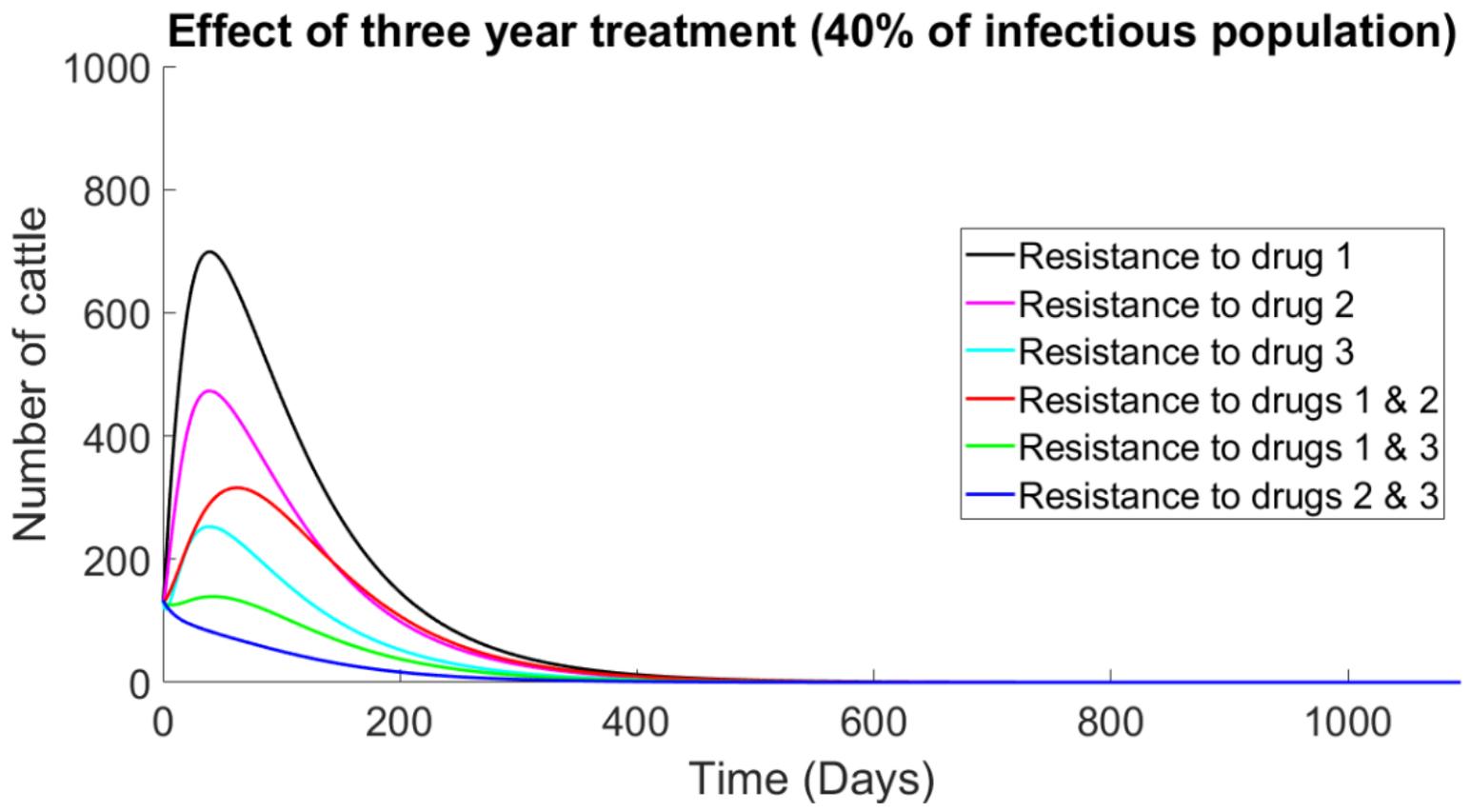
10% treatment with decreasing resistance

G

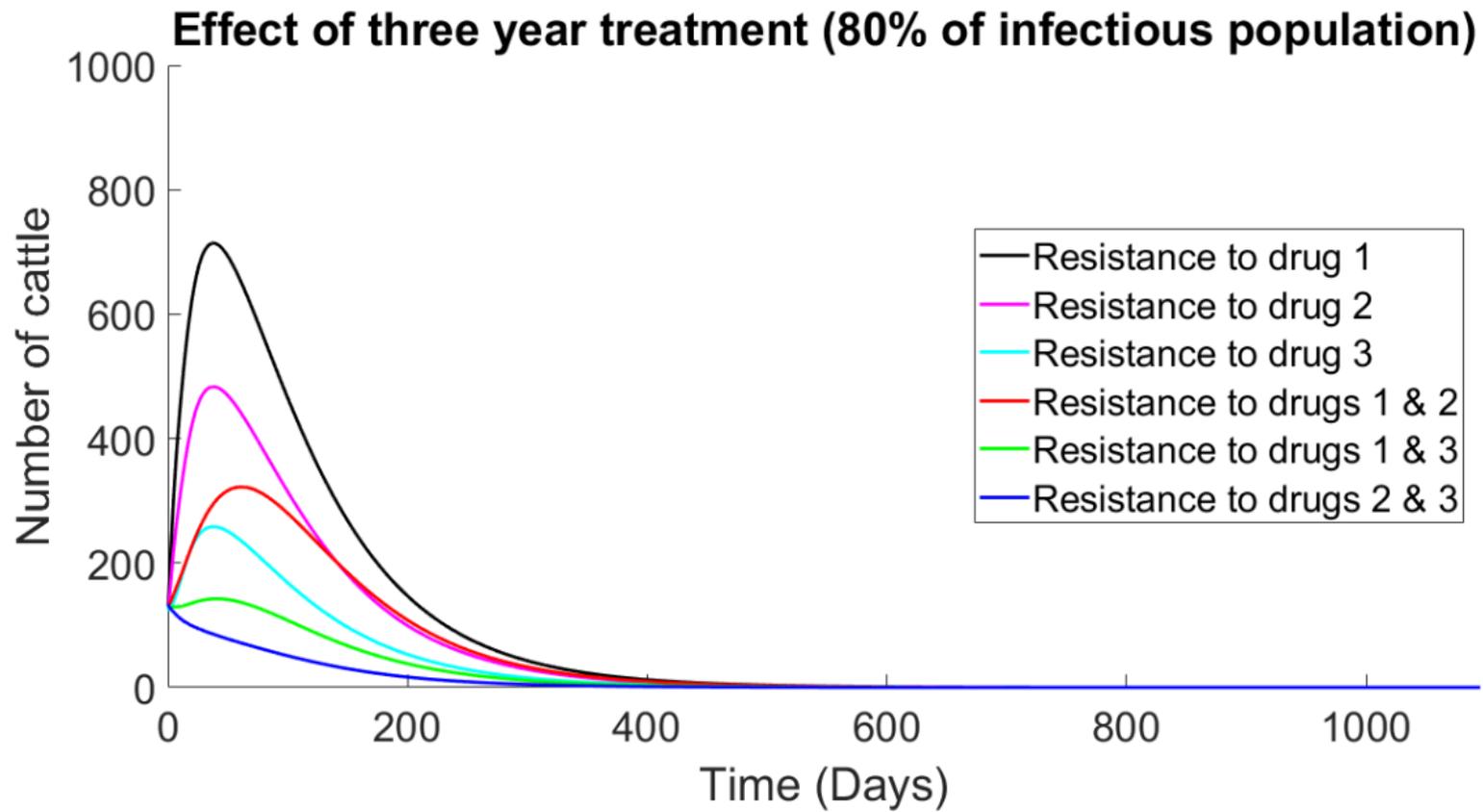


20% treatment with decreasing resistance

H

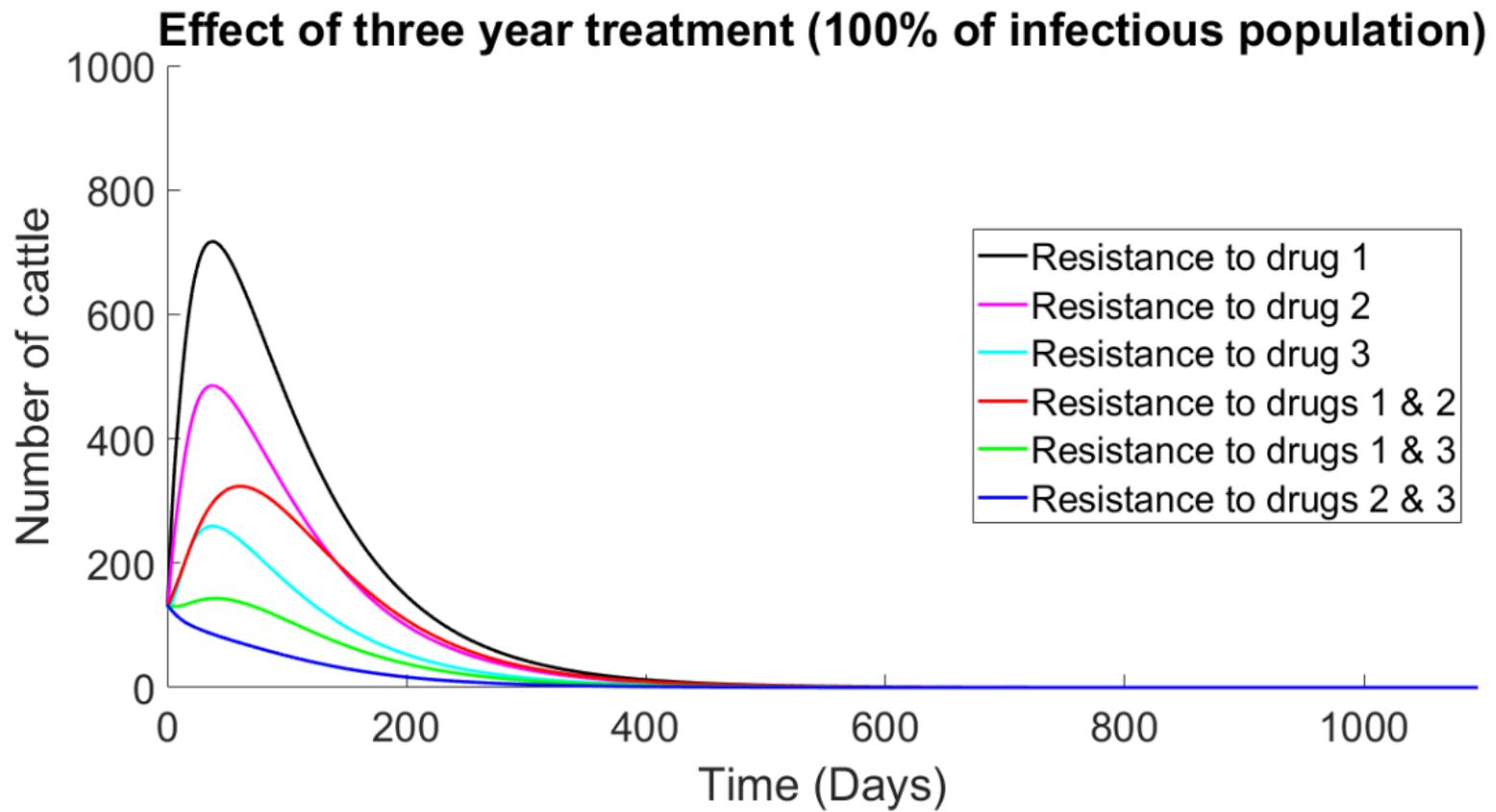


40% treatment with decreasing resistance



80% treatment with decreasing resistance

J



100% treatment with decreasing resistance