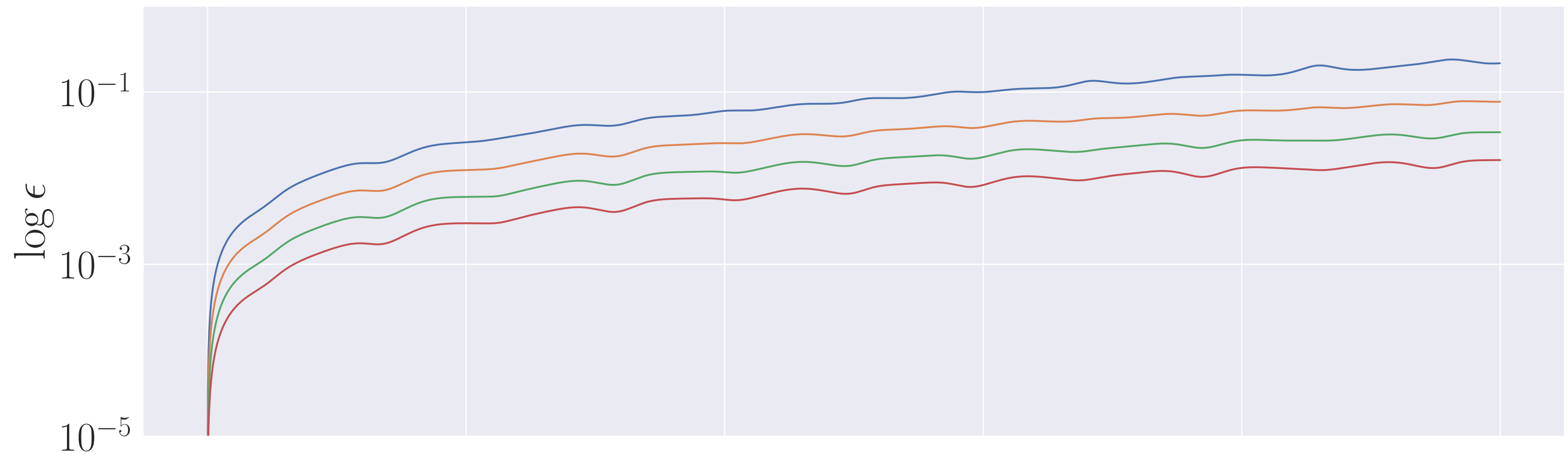
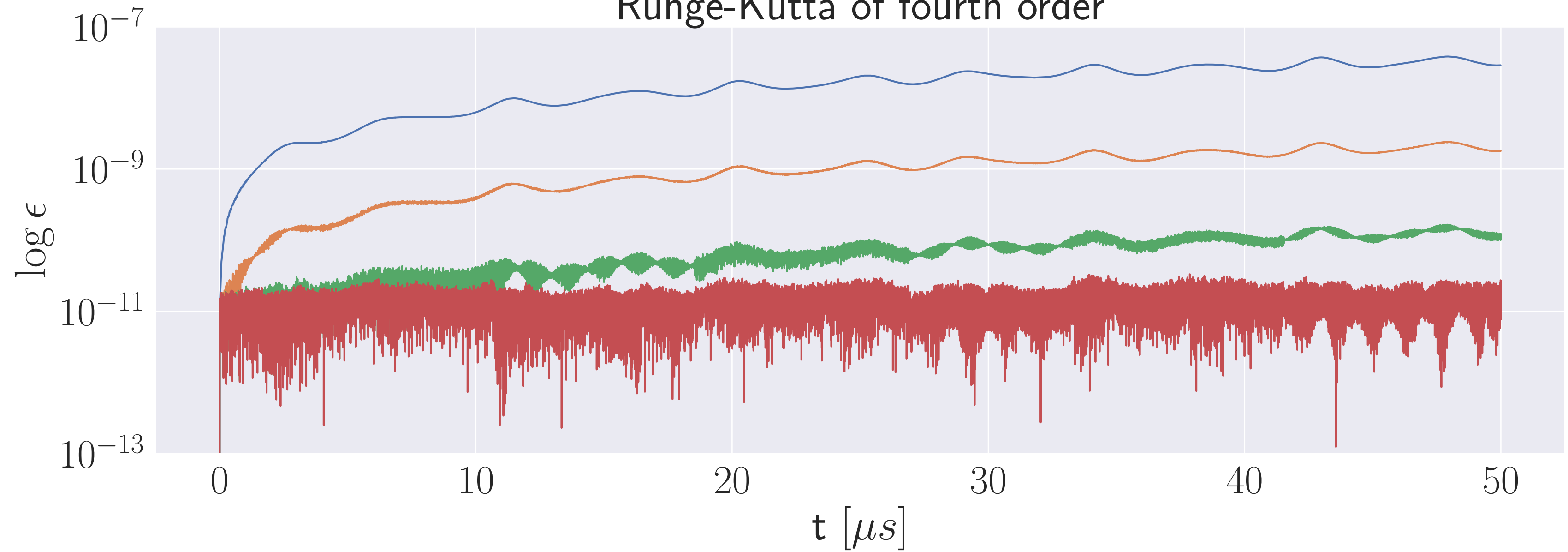


Comparison of relative error for different step sizes

Forward Euler



Runge-Kutta of fourth order



— $N = 2^2 \cdot 1000$ — $N = 2^3 \cdot 1000$ — $N = 2^4 \cdot 1000$ — $N = 2^5 \cdot 1000$