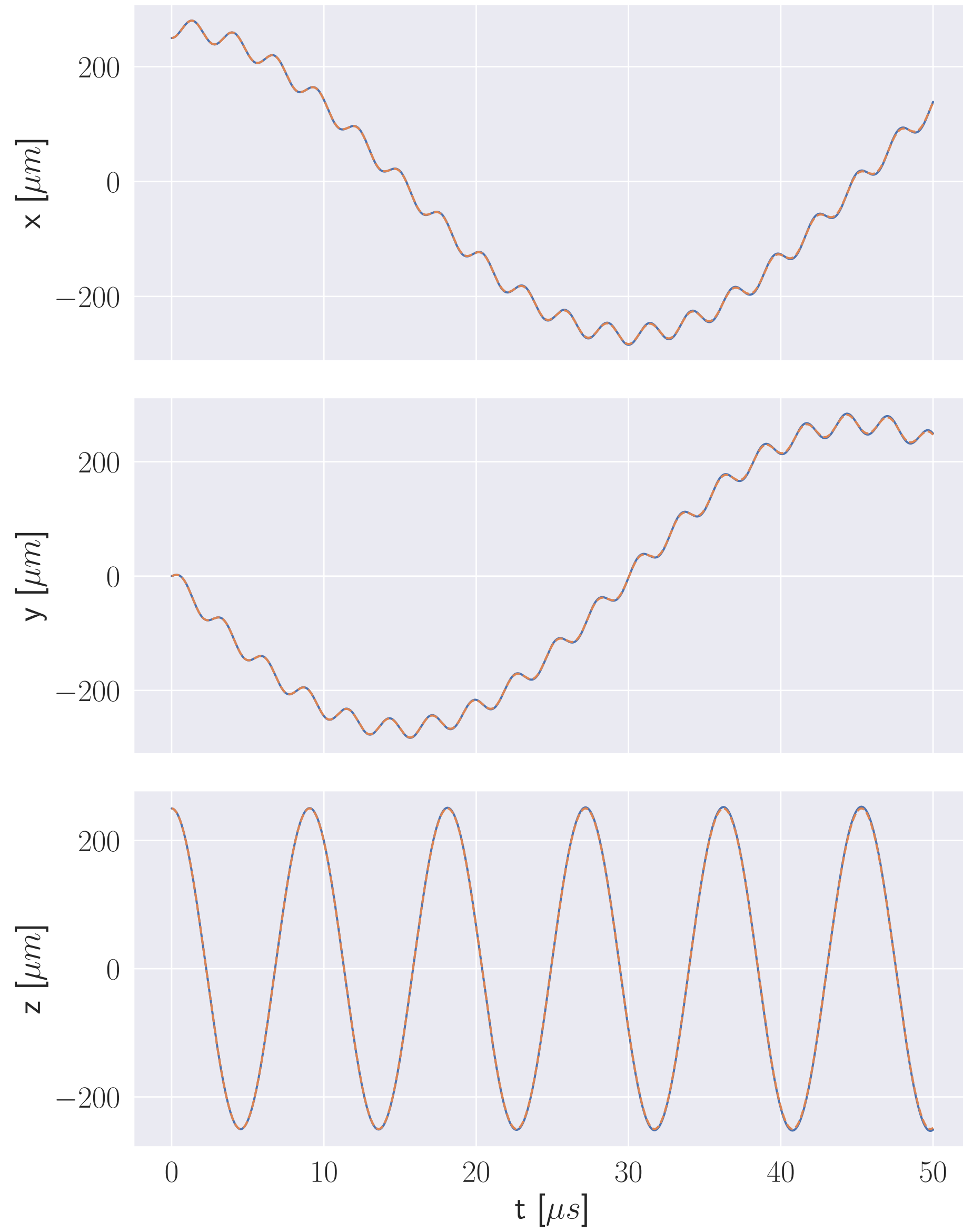


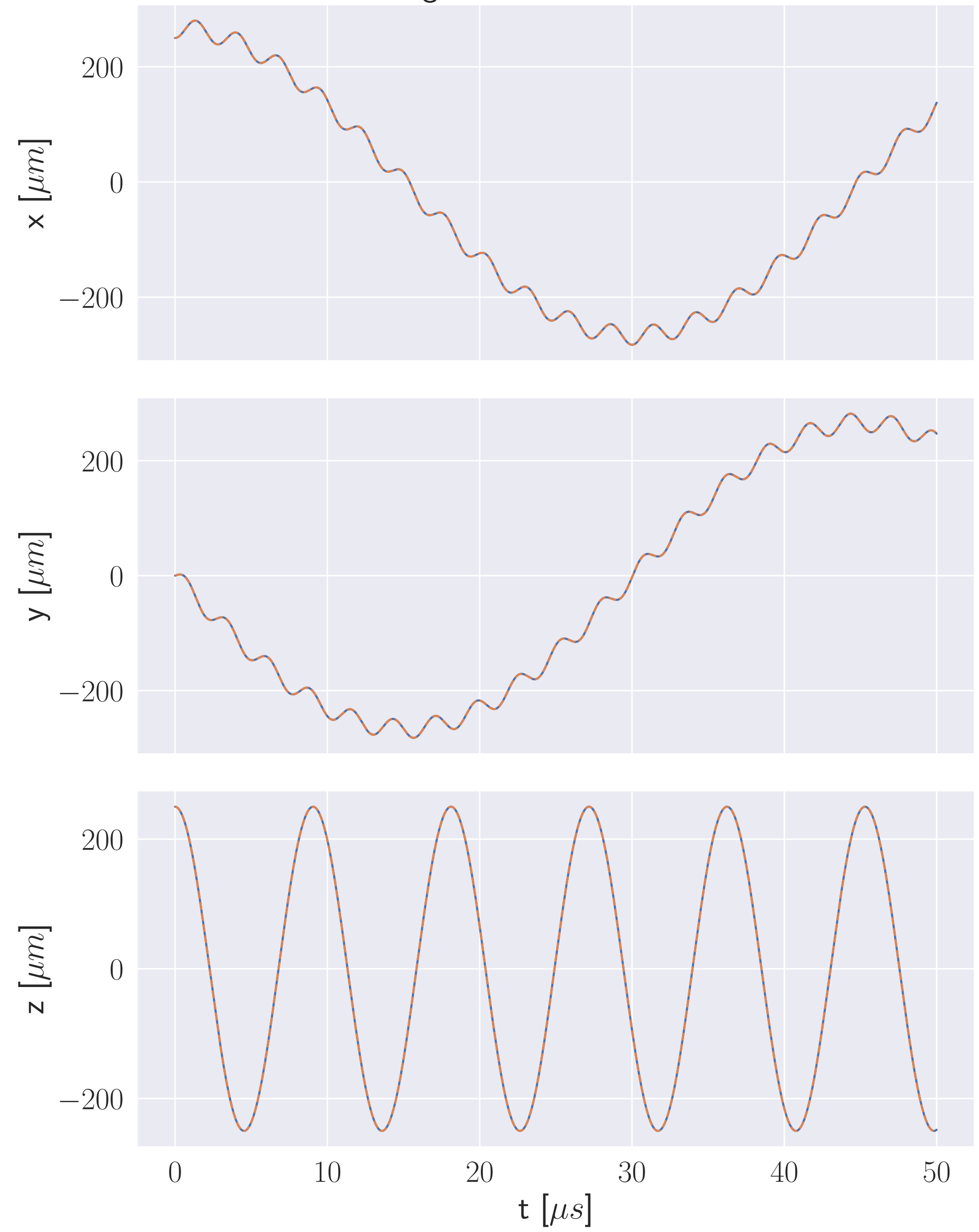
Movement of a single Ca^+ ion in a Penning trap

Forward Euler



— Numerical - - - Analytical

Runge-Kutta of fourth order



— Numerical - - - Analytical