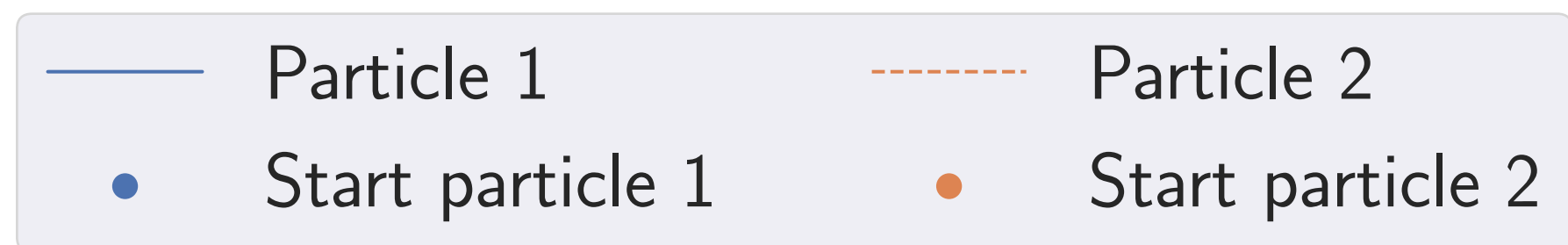
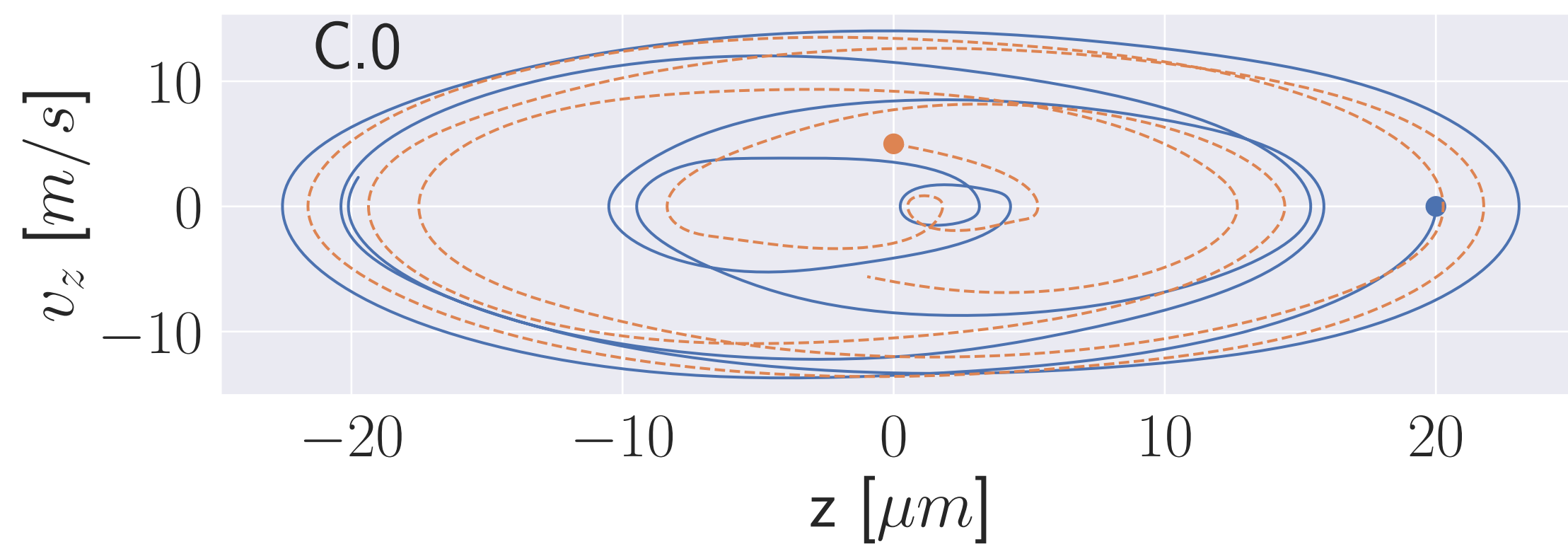
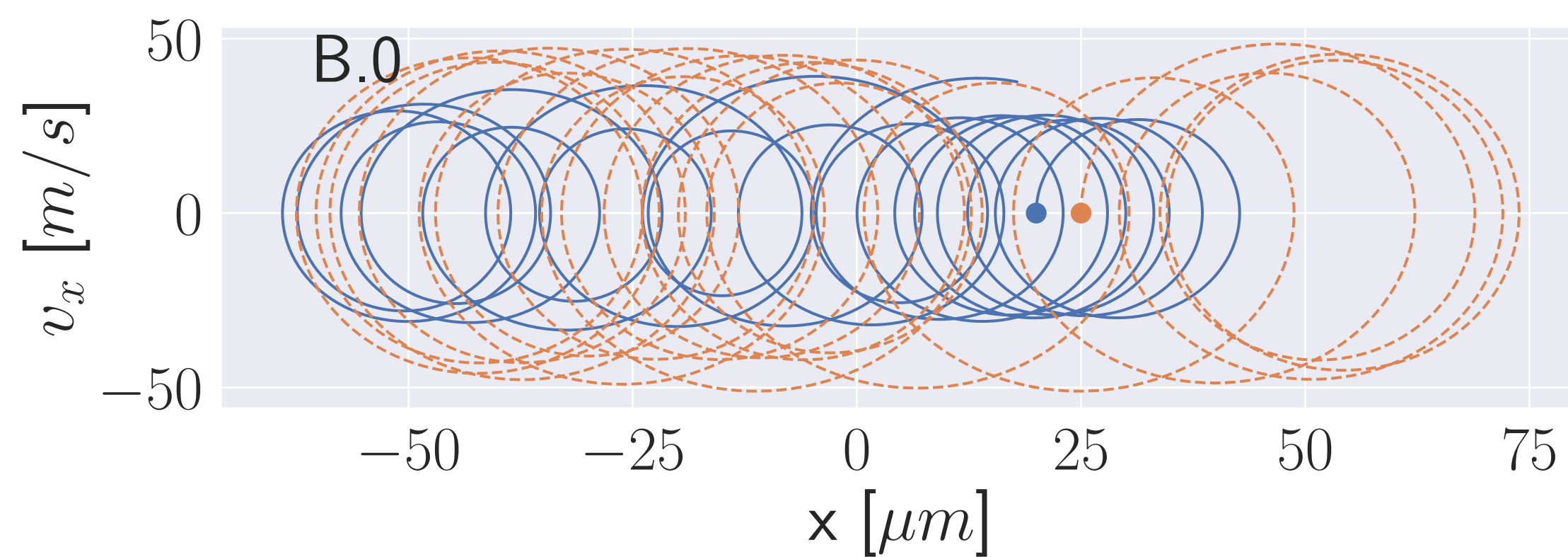
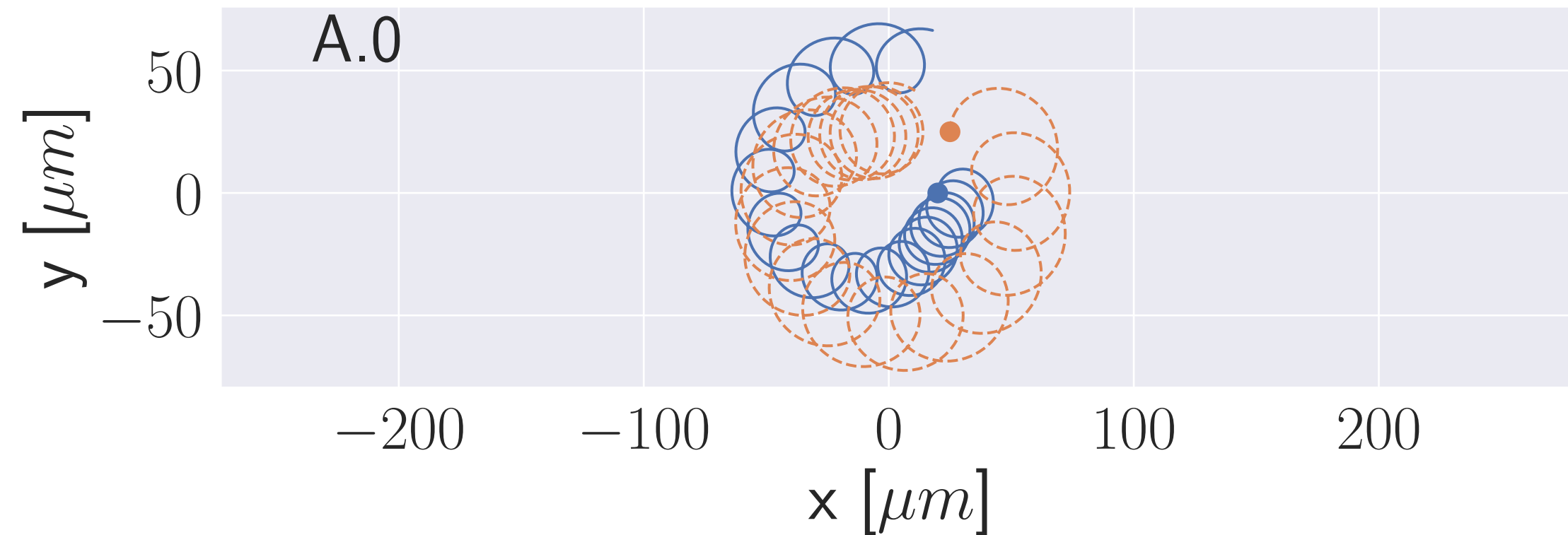


# Trajectory of two $Ca^+$ ions in a Penning trap

With Coulomb interactions



Without Coulomb interactions

