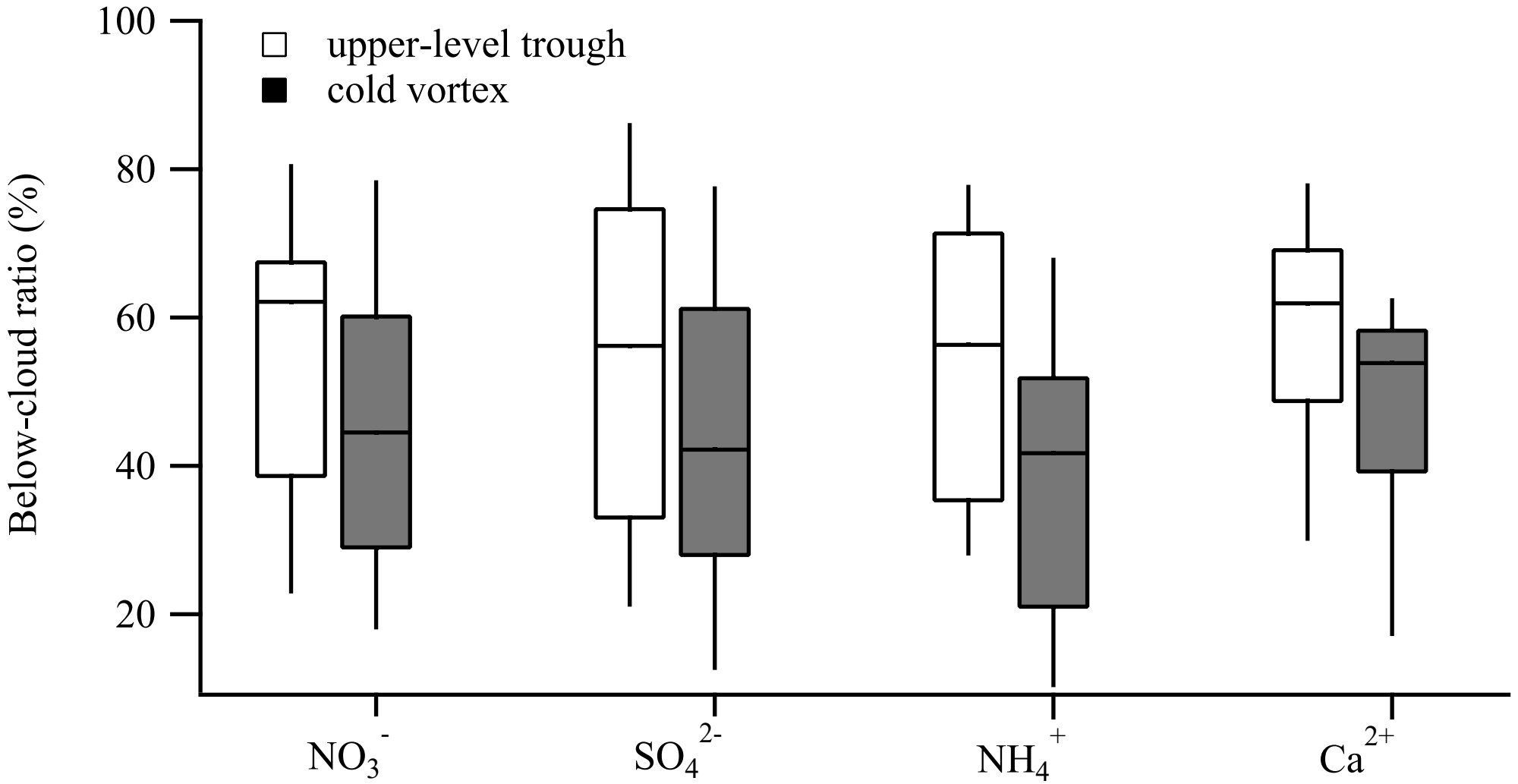
upper-level trough
cold vortex
Below-cloud ratio (%)
100
80
60
40
20
NO_3^-
SO_4^{2-}
NH_4^+
Ca^{2+}