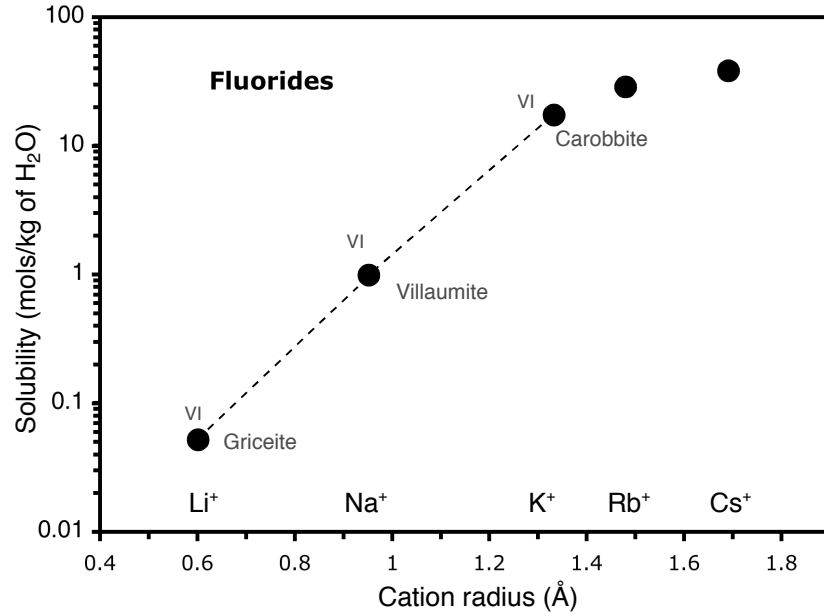
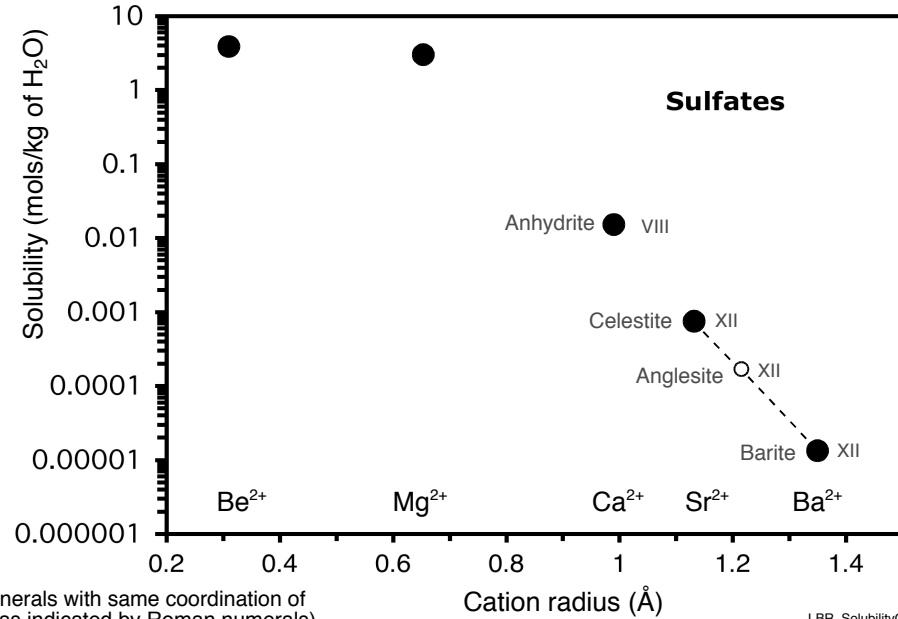
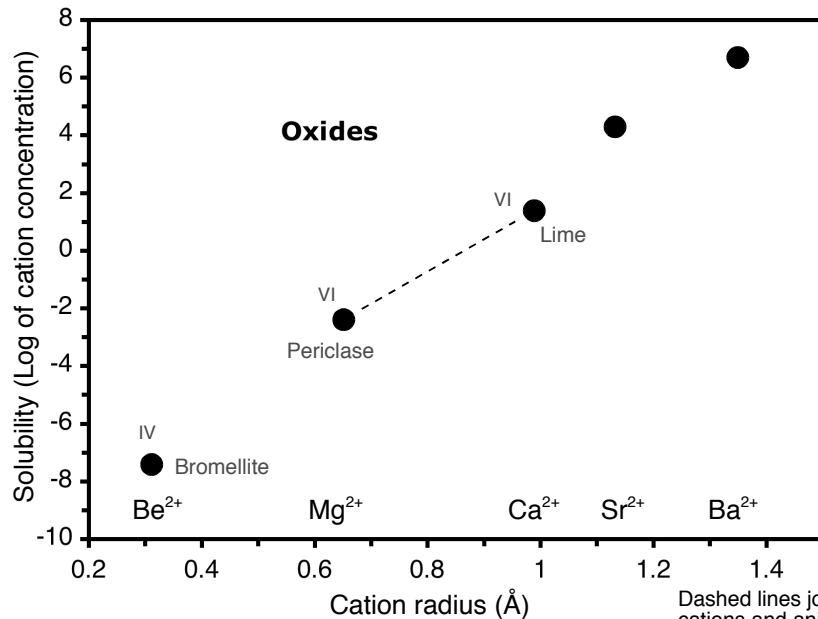
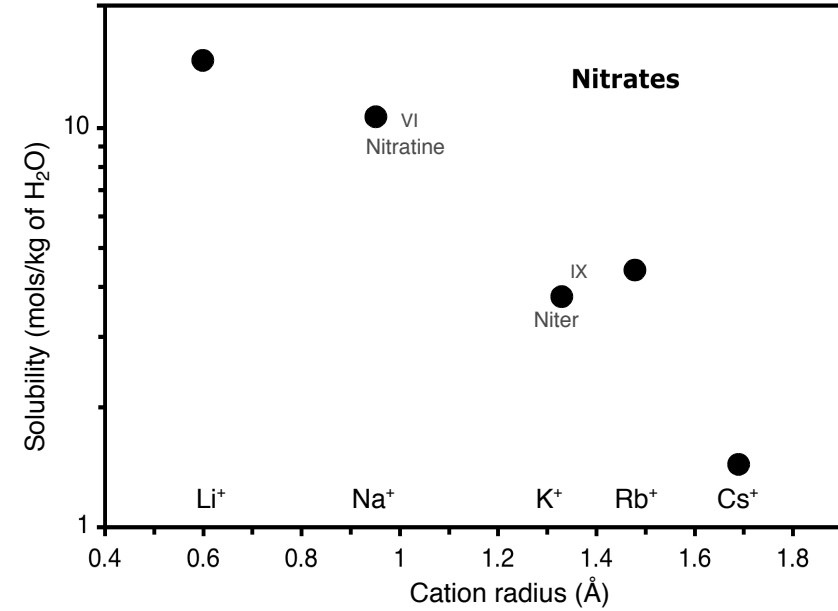


# Comparative solubility of minerals I: fluorides, oxides, nitrates, and sulfates

## "-ide" minerals



## "-ate" minerals



**Monovalent cations**

**Divalent cations**

Dashed lines join minerals with same coordination of cations and anions, as indicated by Roman numerals).

Solubilities of fluorides, nitrates and sulfates were calculated from data in Lide (2003) *CRC Handbook of Chemistry and Physics* (94<sup>th</sup> edn); solubilities of oxides were calculated from data in Robie, Hemingway, and Fisher (1979), *USGS Bulletin 1452*. Coordination numbers (Roman numerals) are from Strunz and Nickel (2001) *Strunz Mineralogical Tables* (but beware p. 369).