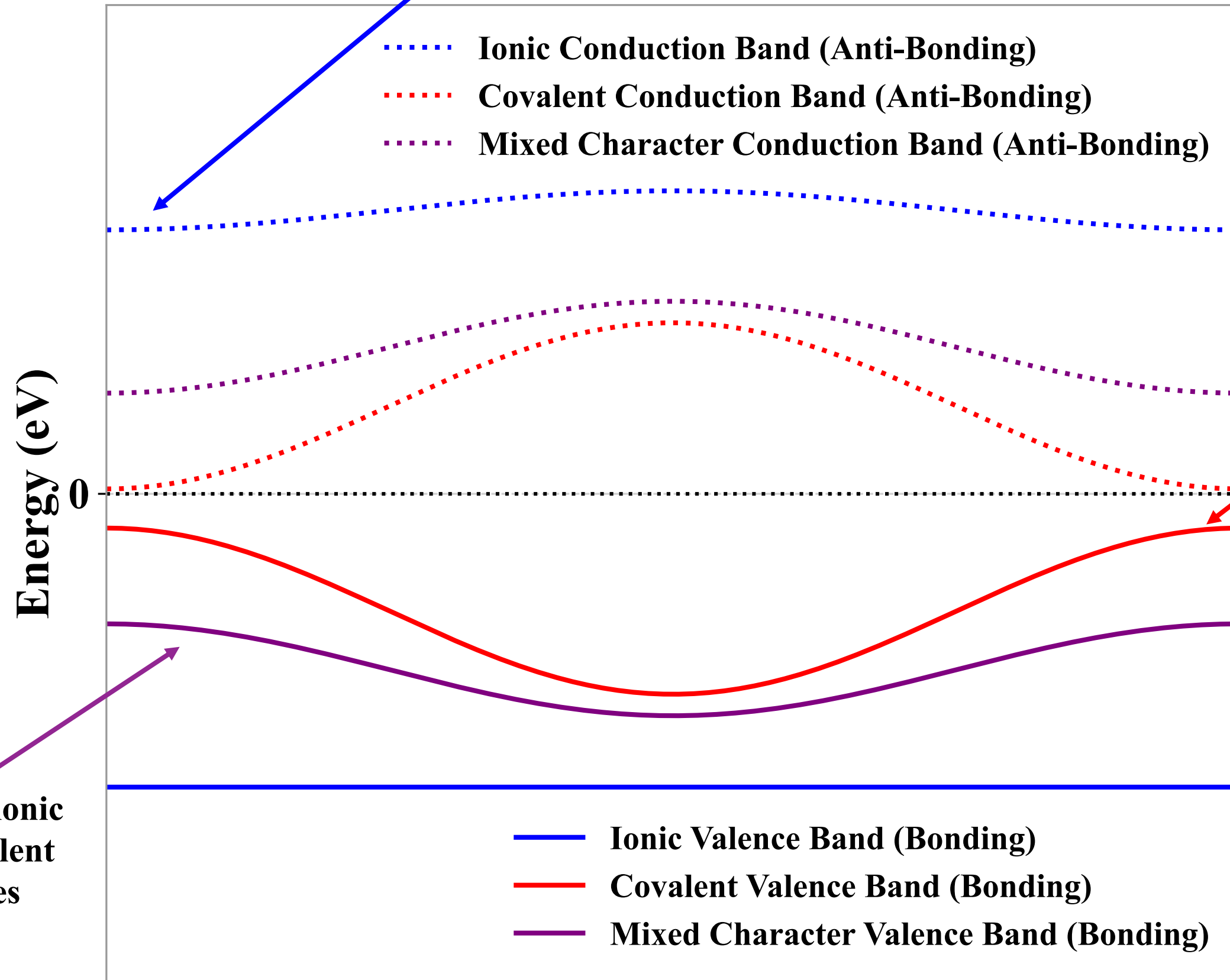


Flatter bands (More localized, Ionic character)



**Stronger dispersion
(Higher mobility,
Covalent character)**

**A mix of ionic
and covalent
features**

Ionic Valence Band (Bonding)
Covalent Valence Band (Bonding)
Mixed Character Valence Band (Bonding)

Wave Vector (k)