

Energy (eV)

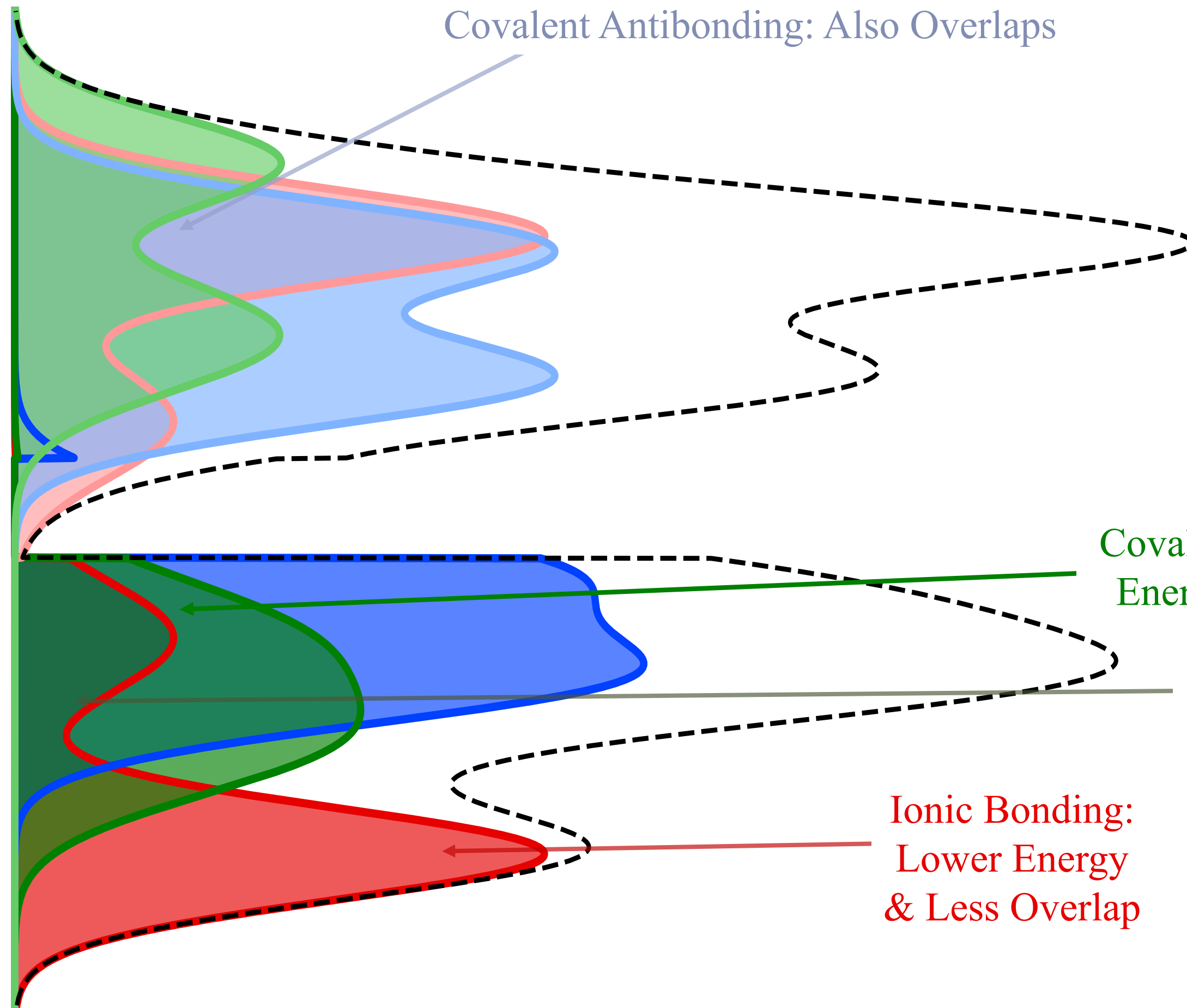
Valence Area

Conduction Area

0

Bonding

Anti-Bonding



Covalent Antibonding: Also Overlaps

- s-Orbital
- p-Orbital
- d-Orbital
- s-Orbital
- p-Orbital
- d-Orbital
- Total PDOS

Covalent Bonding: Higher Energy & More Overlap

Mixed Bonding: Intermediate Energy & Some Overlap

Ionic Bonding: Lower Energy & Less Overlap

Projected Density of States (a.u.)