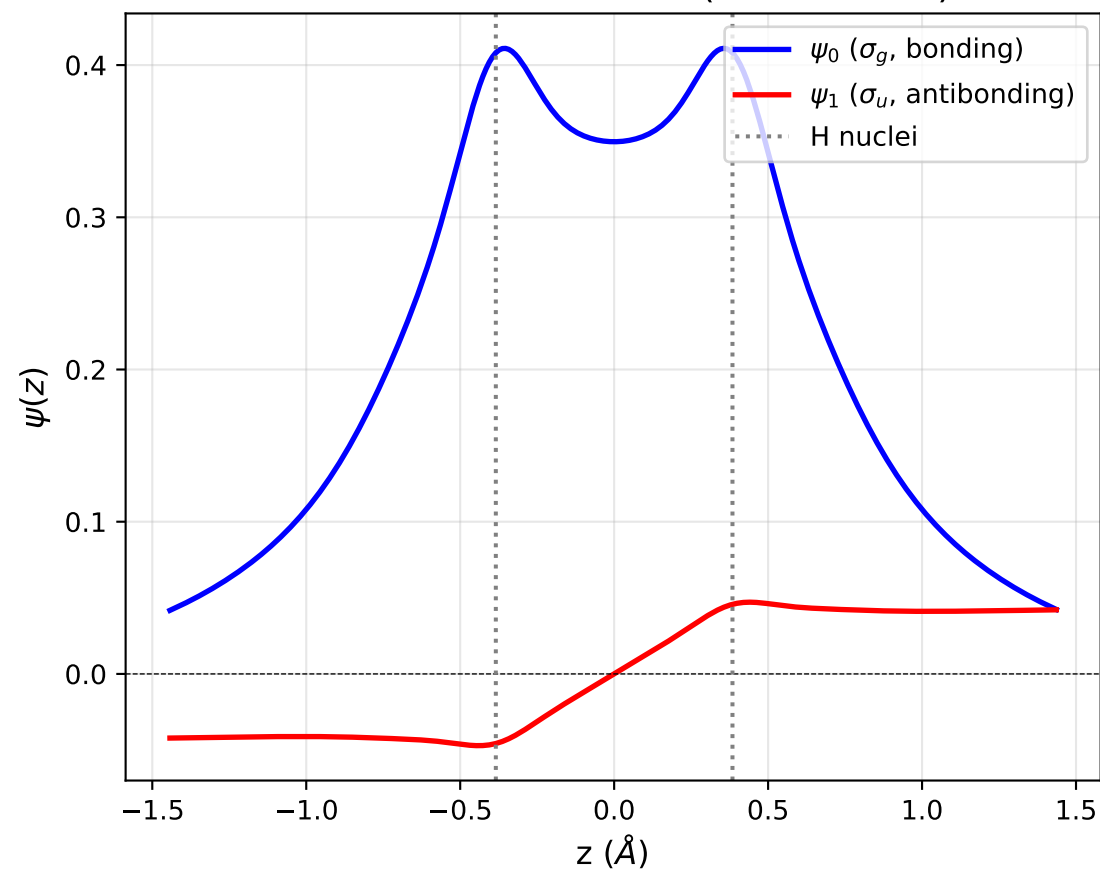
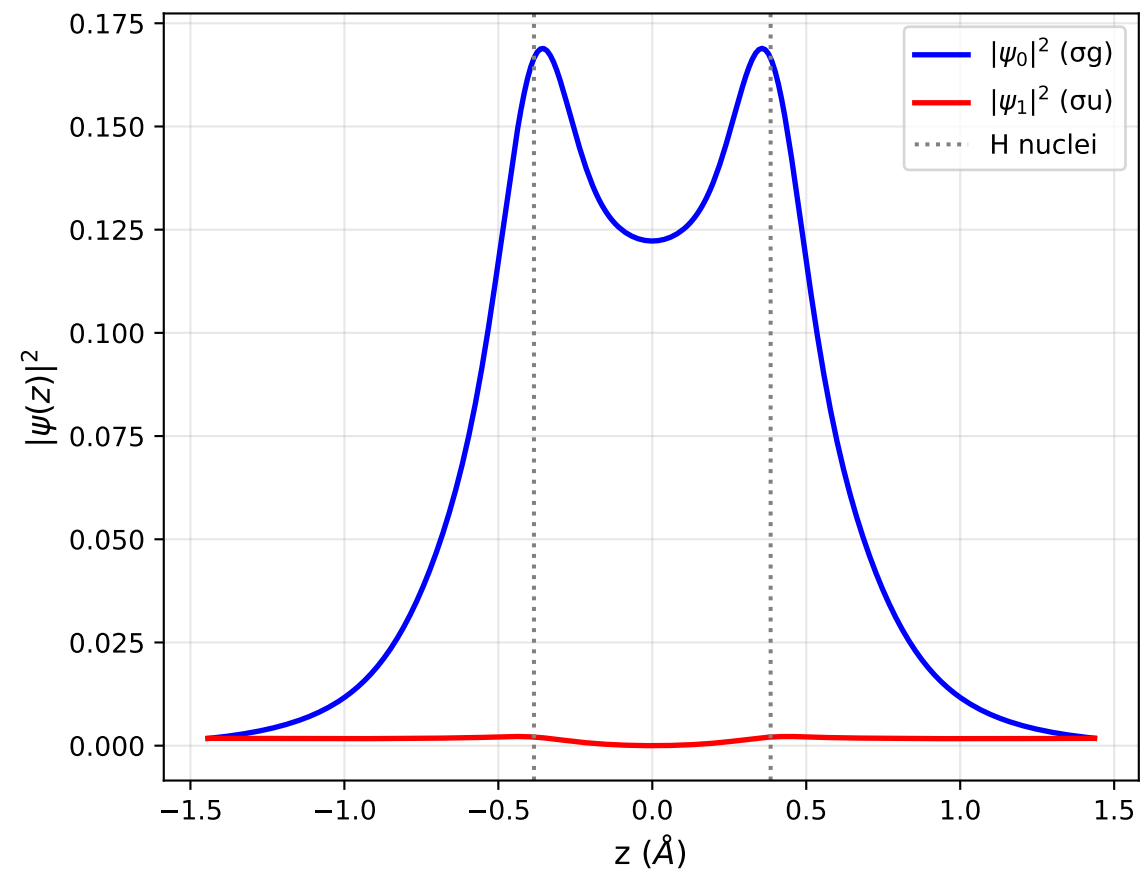
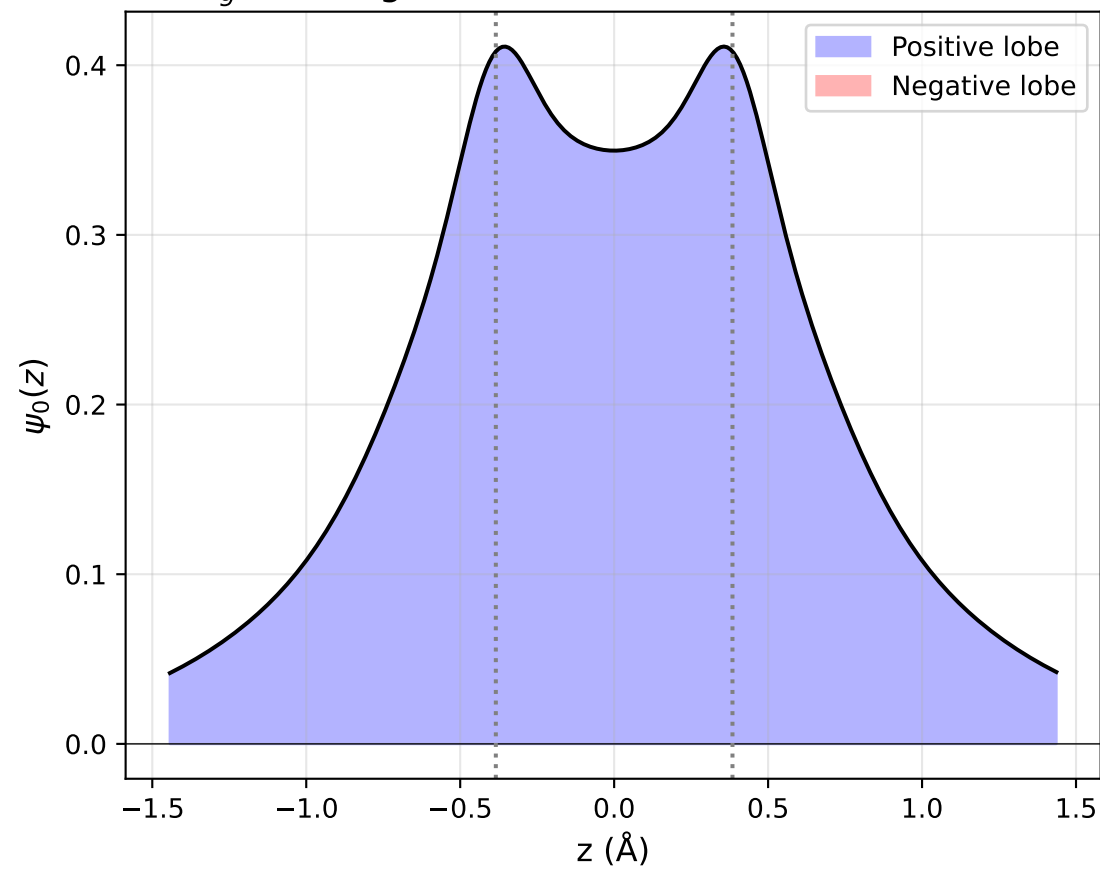


Orbital Wavefunctions ( $R = 0.769 \text{ \AA}$ )

Orbital Densities

 $\sigma_g$  Bonding Orbital (no node between nuclei) $\sigma_u$  Antibonding Orbital (node at midpoint)