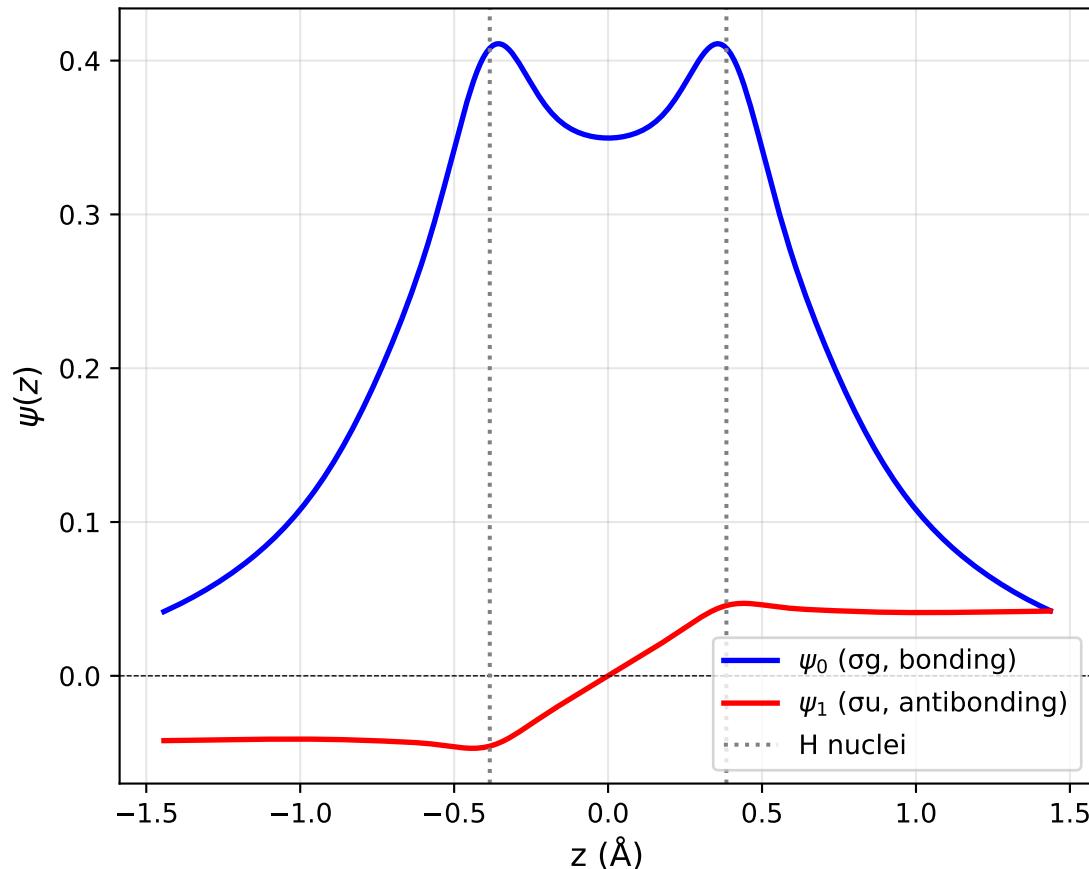
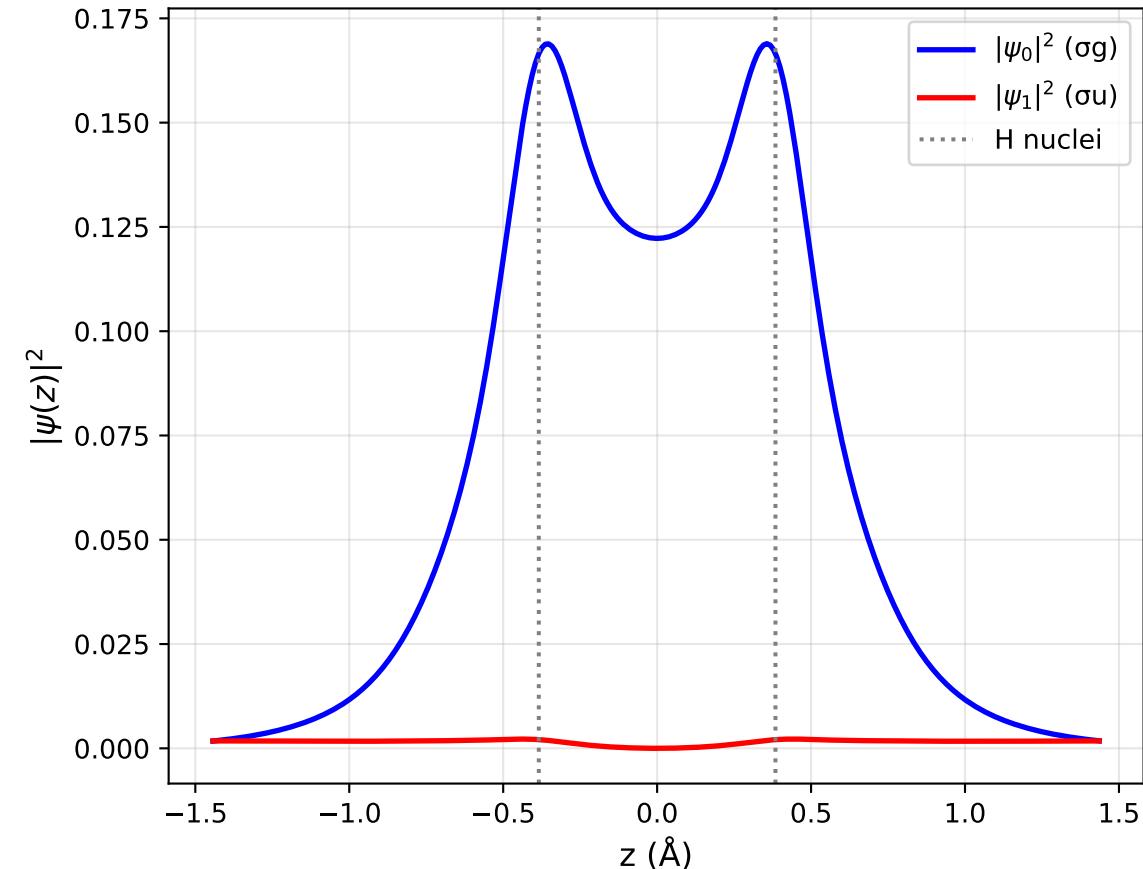


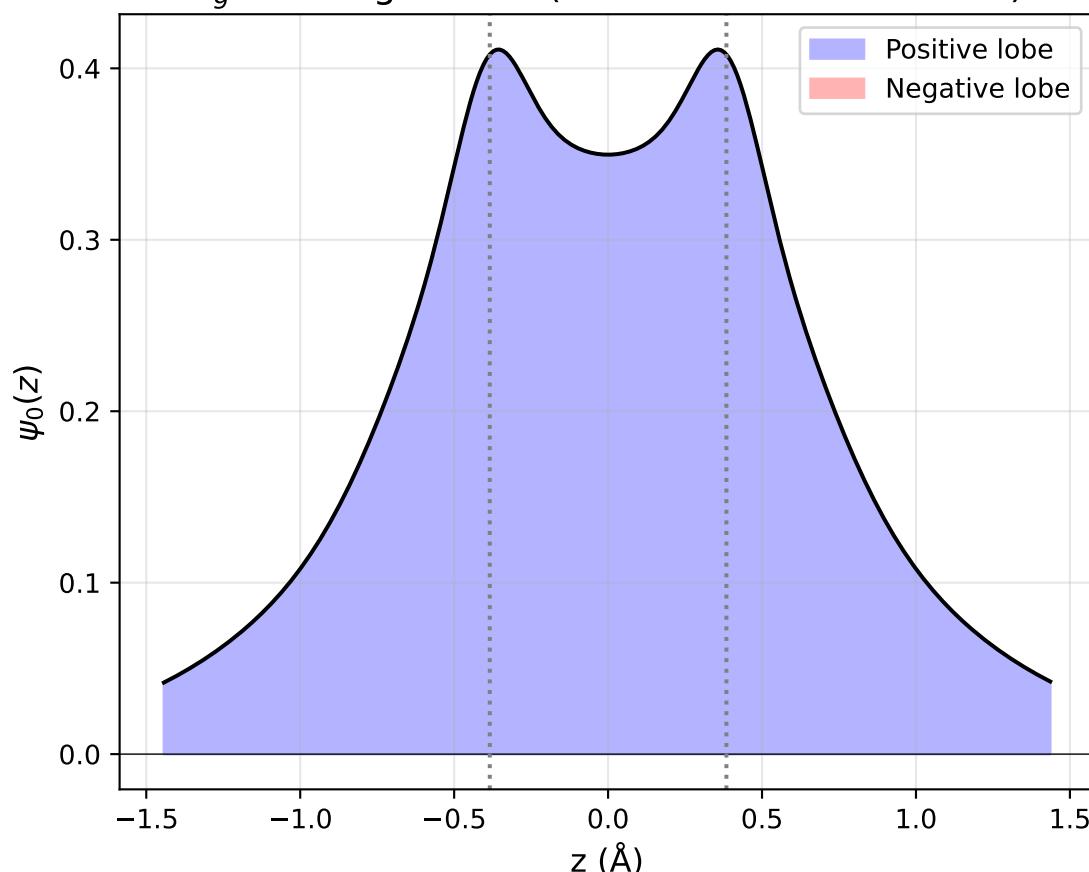
Orbital Wavefunctions ( $R = 0.769 \text{ \AA}$ )



Orbital Densities



$\sigma_g$  Bonding Orbital (no node between nuclei)



$\sigma_u$  Antibonding Orbital (node at midpoint)

