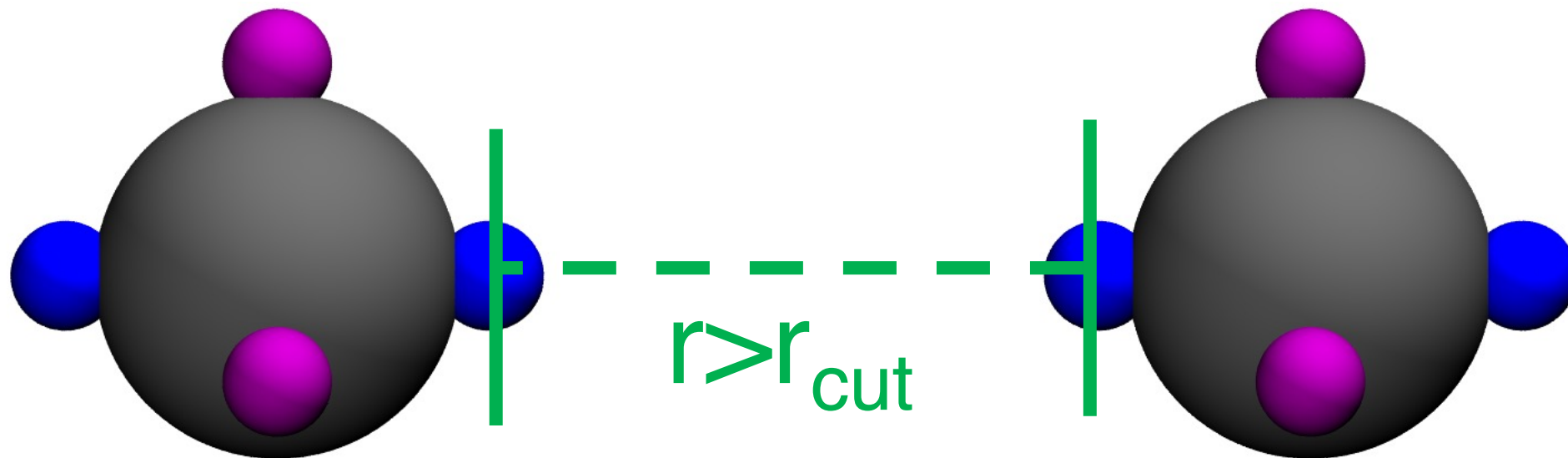


$r > r_{\text{cut}}$, reverse/no reaction, leaving type 2



$r < r_{\text{cut}}$, reaction occurs turning 2 to 4

