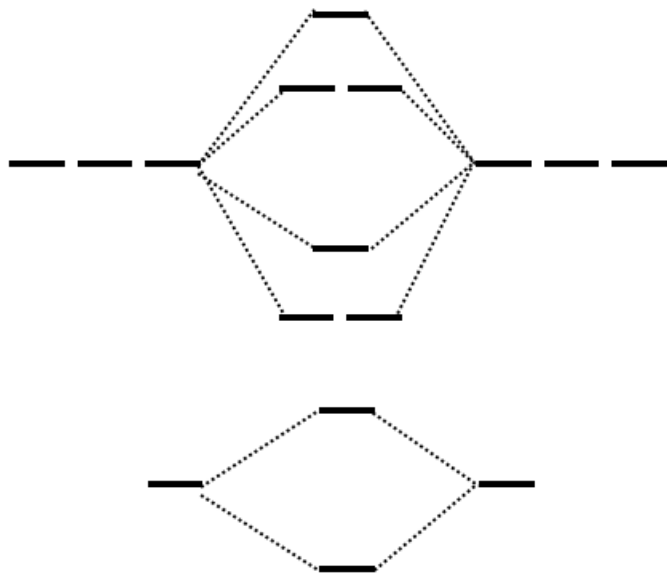


**SUPPLEMENTAL INFORMATION**

$$\mu = Qr$$

$$e = 1.60 \times 10^{-19} \text{ C}$$

$$1 \text{ D} = 3.34 \times 10^{-30} \text{ C}\cdot\text{m}$$

**B<sub>2</sub>, C<sub>2</sub>, N<sub>2</sub> and their ions:****O<sub>2</sub>, F<sub>2</sub>, Ne<sub>2</sub> and their ions:**