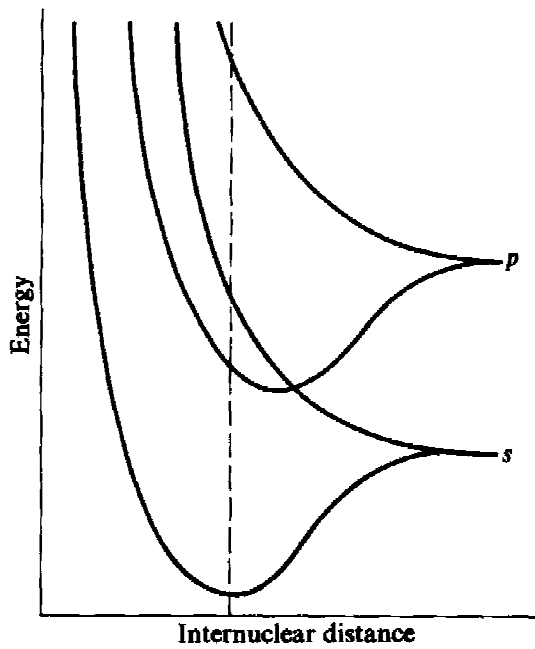
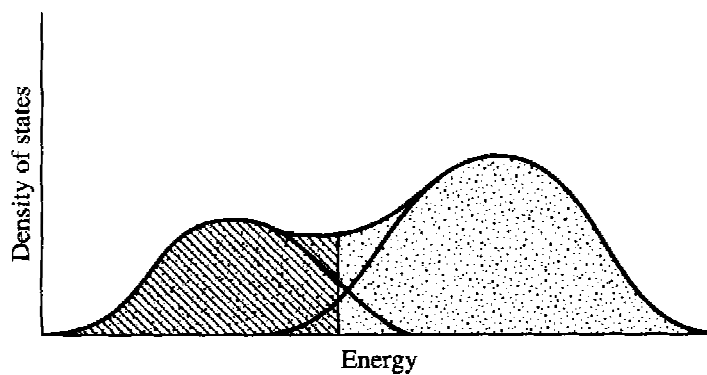


# Band Structure of Alkaline-Earth Metals



**FIGURE 12.7**

The valence band of an alkaline-earth metal such as calcium. The dashed line indicates the equilibrium internuclear distance in the actual metal.



**FIGURE 12.8**

Density of states as a function of energy for an alkaline-earth metal such as calcium.