

Reaction coordinate diagram for the reaction $\text{N}_2 + 3\text{H}_2 \rightarrow 2\text{NH}_3$. The diagram shows the energy profile of the reaction, starting from N_2 and H_2 , passing through transition states (N_2H^* , N_2H_2^* , H_2NNH_2^*), and ending at the products 2NH_3 . The energy levels are indicated by the vertical position of the chemical formulas.

Free Energy (eV)

Reaction Coordinate