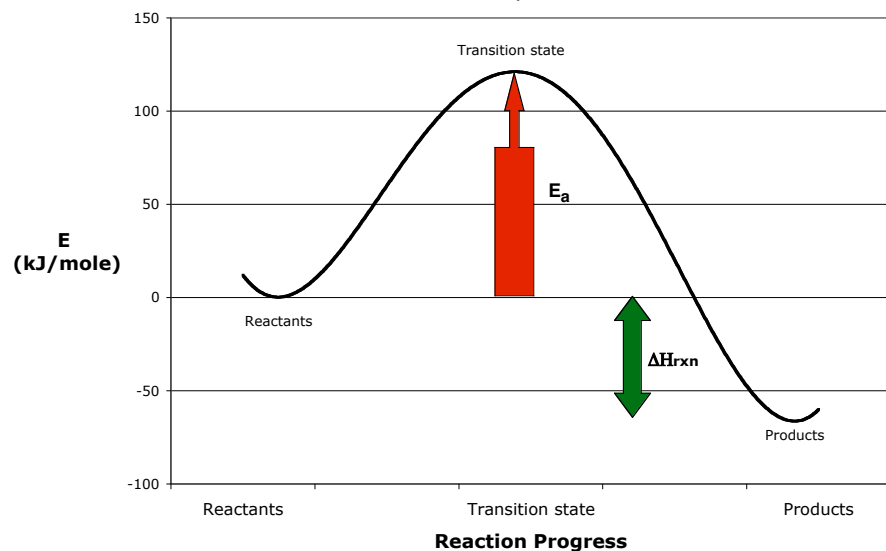
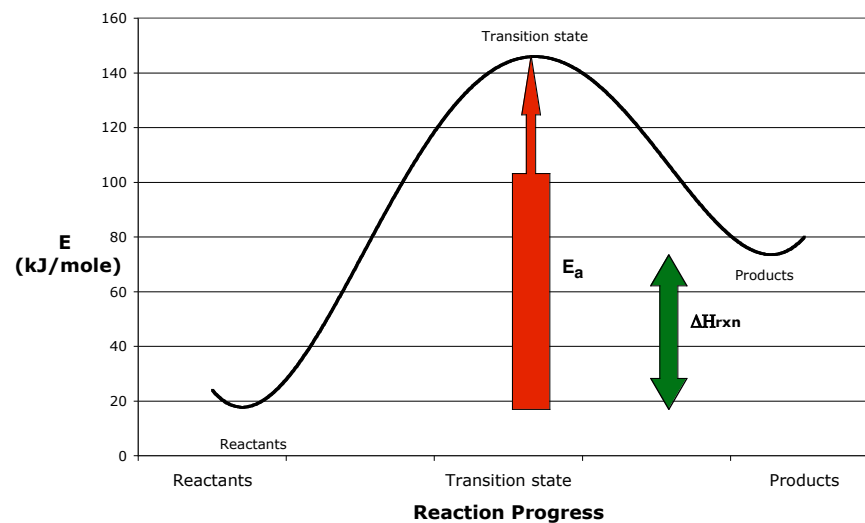


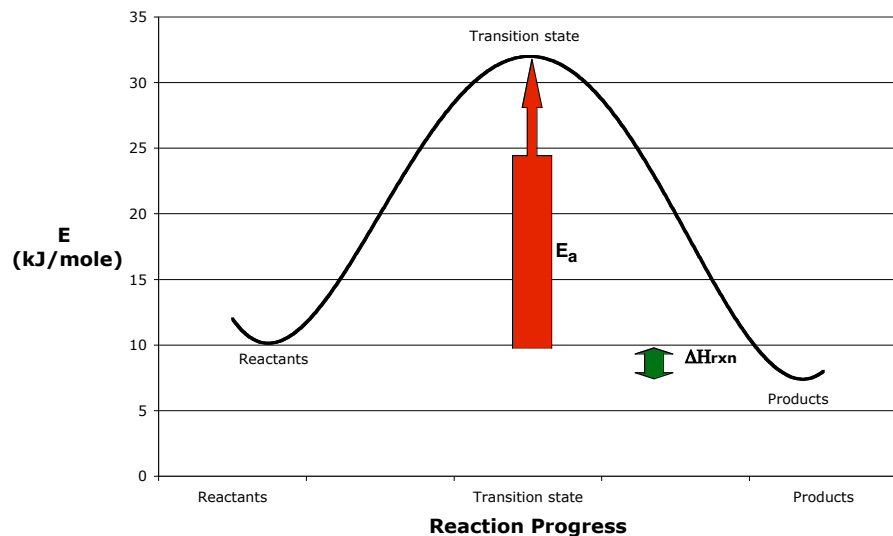
**Reaction Potential Energy Diagram:
Irreversible, Exothermic**



**Reaction Potential Energy Diagram:
Irreversible, Endothermic**



**Reaction Potential Energy Diagram:
Reversible, Exothermic**



**Reaction Potential Energy Diagram:
Reversible, Endothermic**

