**Energy Profiles**

1. For each reaction below:

* Endo or exo? • ΔH reverse reaction?
* Ea forward? • Relative heat of products?
* Ea reverse? • Relative heat of activated complex?
* ΔH forward? • Relative heat of reactants?



2. For the following reaction:



1. Ea of the uncatalyzed reaction?
2. Ea of the catalyzed reaction?
3. Ea of the catalyzed reverse reaction?
4. ΔH of the uncatalyzed reaction?
5. ΔH of the catalyzed reverse reaction?