

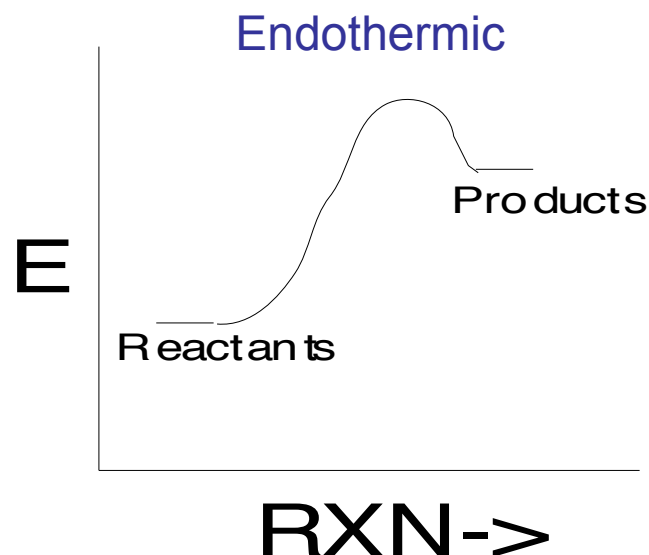
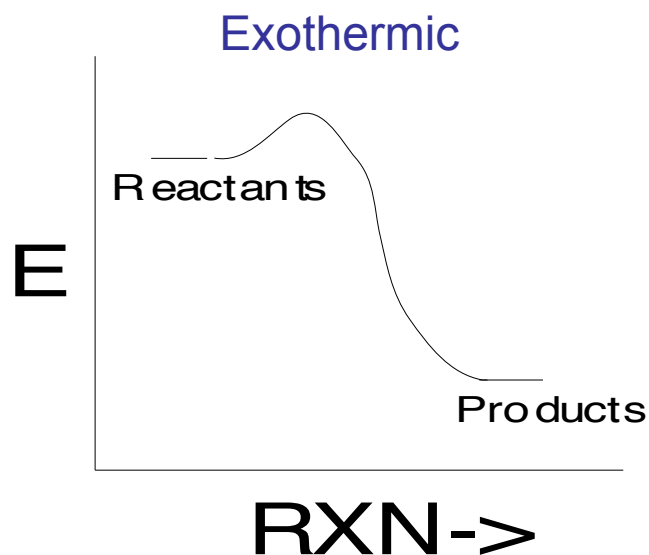
Announcements

To join clicker to class today:

- Turn on the Clicker (the red LED comes on).
- Push “Join” button followed by “20” followed by the “Send” button (switches to flashing green LED if successful).
- Syllabus and first reading assignment available on class web site.
- Class Password: enthalpy07.
- Lab starts meeting on Monday.
- Wear appropriate clothes to Lab (No open toed shoes, skirts, shorts, etc.)

Review

- Thermochemistry = study of energy in chemical reactions.
- Exothermic processes release heat (lower chemical potential energy of the system)
- Endothermic processes absorb heat (raise the chemical potential energy of the system)
- Rates (kinetics) will be determined by what happens in the middle of a reaction process. (RXN path energy diagrams).



Naming Alkanes

- Special names for 1-4 carbons.
- 5 or more named by using the appropriate greek prefix + -ane.
- Note Bp increases with > # C.

Primary Component of Natural Gas



Found
in
Natural
Gas