## April 24, 2002

### ≻<u>Exam #3</u>

✓ Graded exams? Not until Friday ....

✓<u>Labs</u>

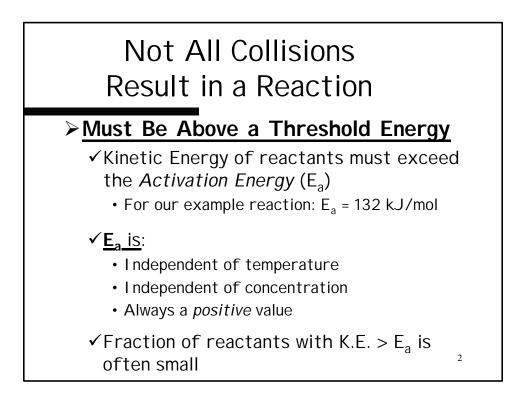
ALL LABS DUE NO LATER THAN:

#### MIDNIGHT, MAY 1st

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## ✓ Final Exam

- •Friday, May 10th start time change?
- •Alternate Earlier day/time?



# Sufficient Energy is Not Enough

- Colliding reactants must have proper orientation in order to react
  - Must be oriented so as to form an activated complex that will breakup into products

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- Reaction Rate depends on:
  - 1. Collision Frequency
  - 2. Fraction of activated species
  - 3. Geometric Probability

