

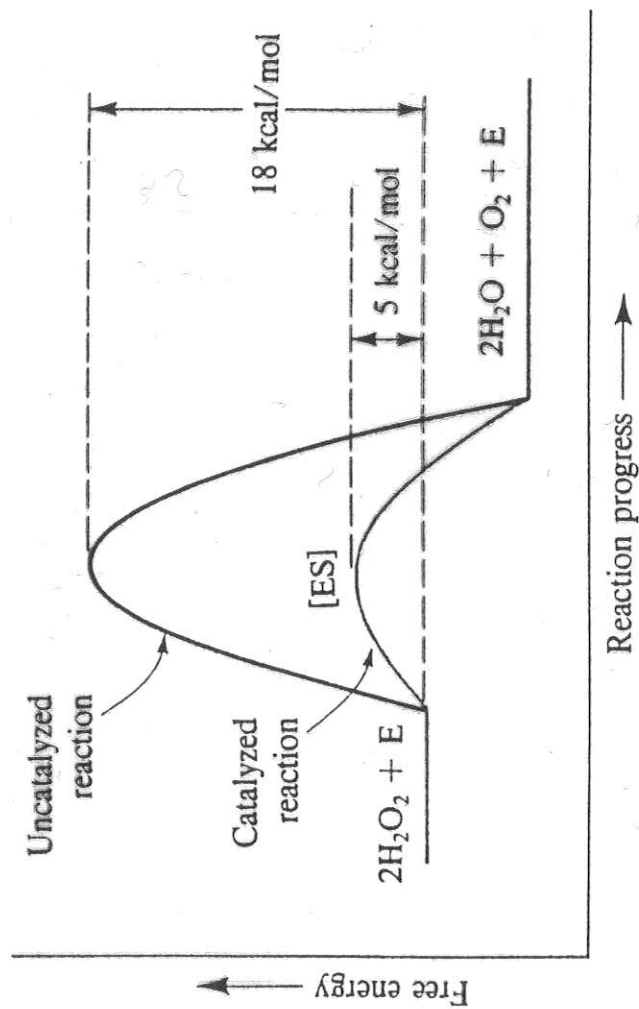
Προτεινόμενος τρόπος διάσπασης του N_2O πάνω σε Au .



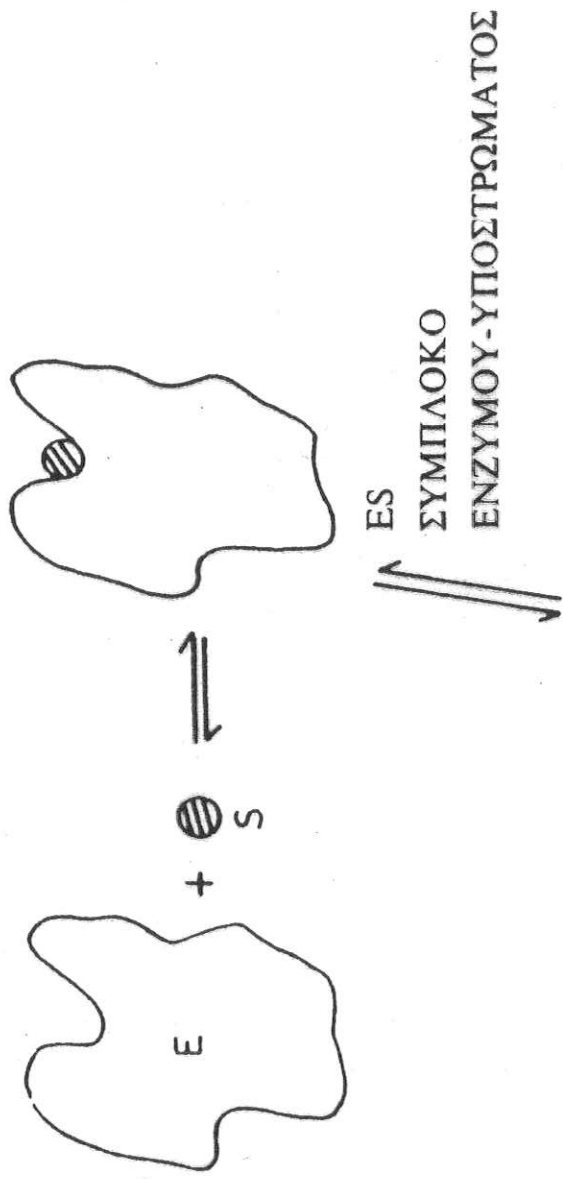
Σε υψηλή πίεση $\Rightarrow v = k$ (μηδενική τάξη)



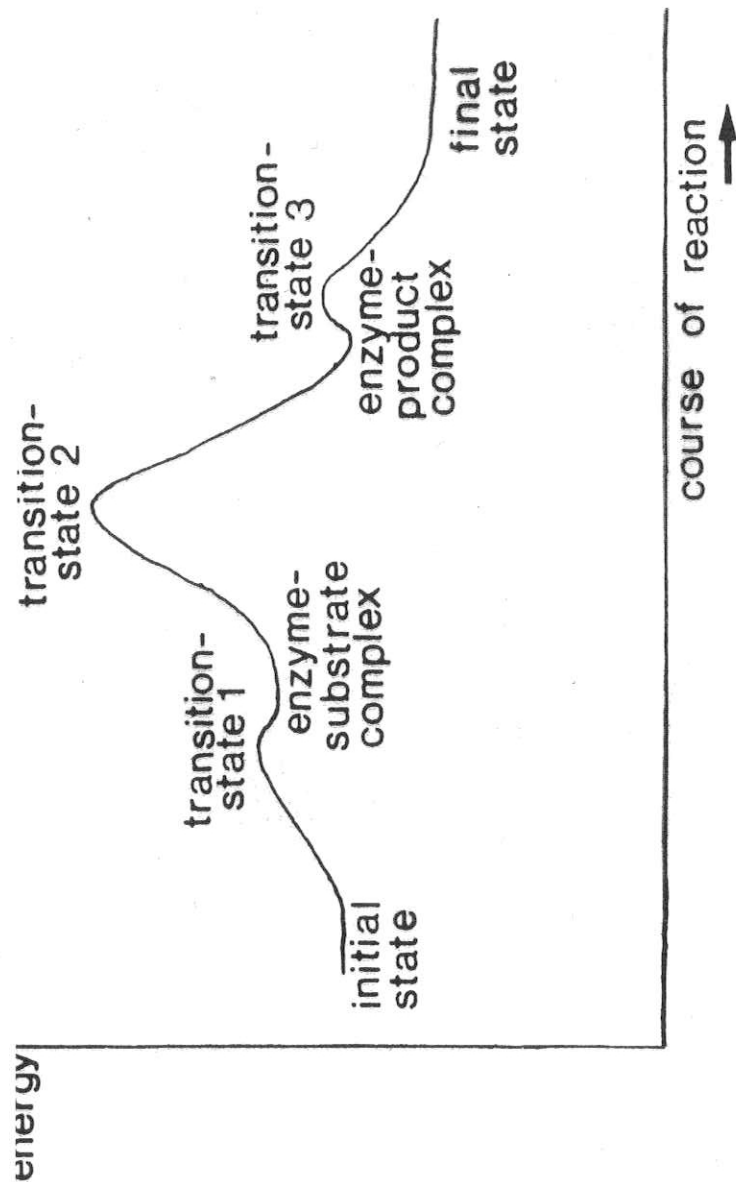
hydrogen peroxide



Energy changes for the uncatalyzed and peroxidase-catalyzed decomposition of hydrogen peroxide.



- Σχηματικό διάγραμμα μιας ενζυμικής αντίδρασης.

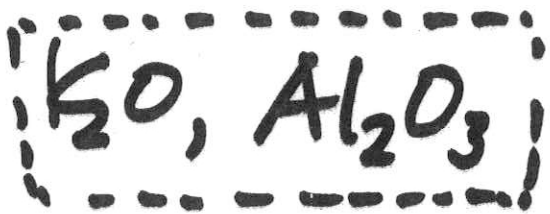
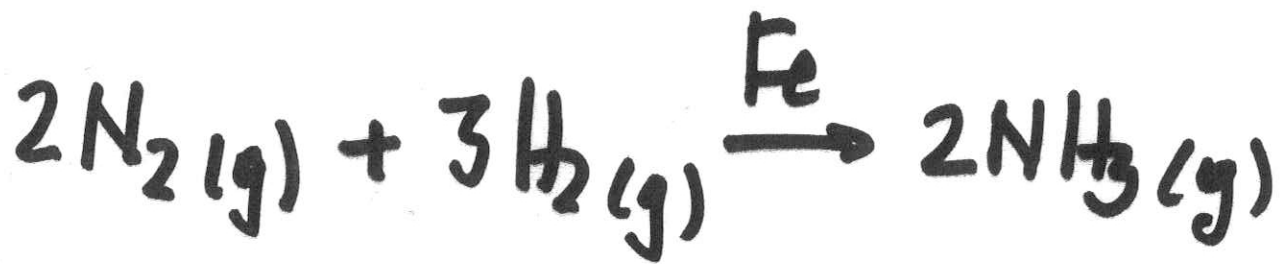


— The free energy profile of an enzyme-catalysed reaction involving the formation of an enzyme-substrate and an enzyme-product complex.

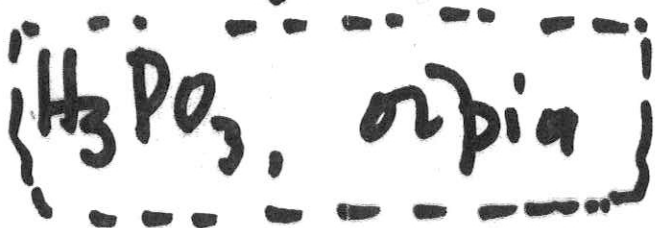
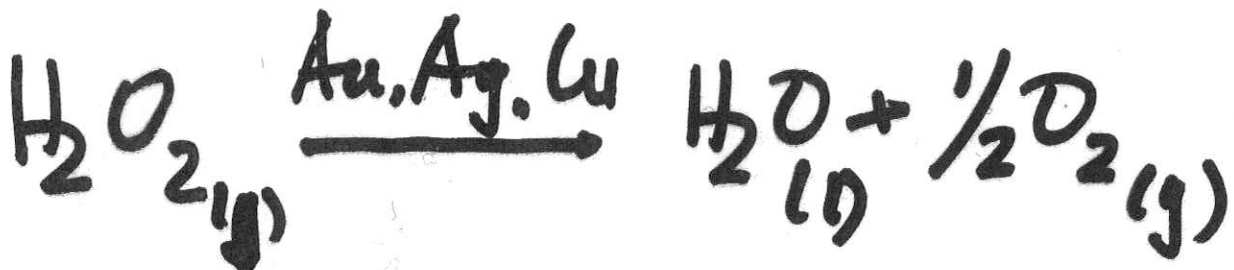
For such a reaction investigated at absolute temperatures T_1 and T_2 , at the same initial enzyme concentration,

$$\begin{aligned} \text{Activation energy} &= 2.303 R \left(\frac{T_1 T_2}{T_1 - T_2} \right) \log_{10} \left(\frac{k_2 \text{ at } T_1}{k_2 \text{ at } T_2} \right) \\ &= 2.303 R \left(\frac{T_1 T_2}{T_1 - T_2} \right) \log_{10} \left(\frac{V_{\max} \text{ at } T_1}{V_{\max} \text{ at } T_2} \right) \end{aligned}$$

Ενισχυτής



Παρημποδιστή ή αντικοαταλύτη



Δηλητηρία καταλυτών

