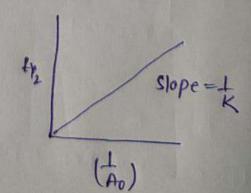
$$\frac{1}{\sqrt{2}} = \frac{1}{(n+)xK} \times \frac{2^{n+1}}{(A_0)} \text{ (designe (A_0))}$$

$$\frac{1}{4x} = \frac{1}{(n+1)x} \times \frac{2^{n+1}}{|A_0|} \times 10^{n+1} = \frac{1}{(A_0)} \times 10^{n+1} = \frac{1}{(A_0)}$$

## graph (andorder of oxn)



## CsD=10 Activation Energy or Effect of Temperature

(a) \* 
$$\frac{d \ln k}{d\tau} = \frac{E_0}{RT^2} \rightarrow Vant's haff Equation$$

Where -> K = Rate Const

Eq= Activation energy

T= temp.

R = universal has constant

= 0-8 8314 Joule Kt molet

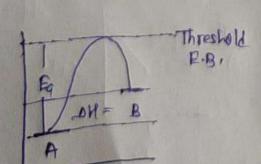
3 1.99 & 2 Colorie Kt molet

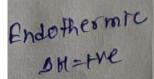
A = Arrhenius facting Arrhenius Const

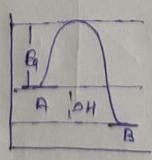
en pre exponentul fractor

chivahan energy

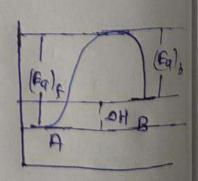
10)\* Activation energy => Minimum energy required to reach activation complex (Threshold energy Barrier ) A -> B







exothermic DH=-VE



Reversible Ran 本村=国子国