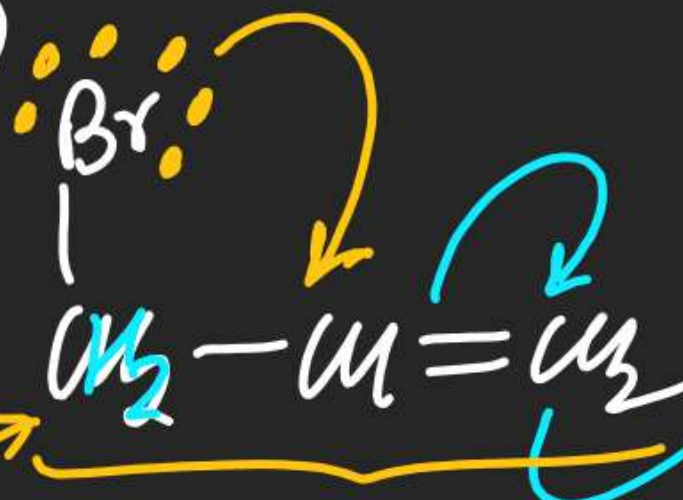
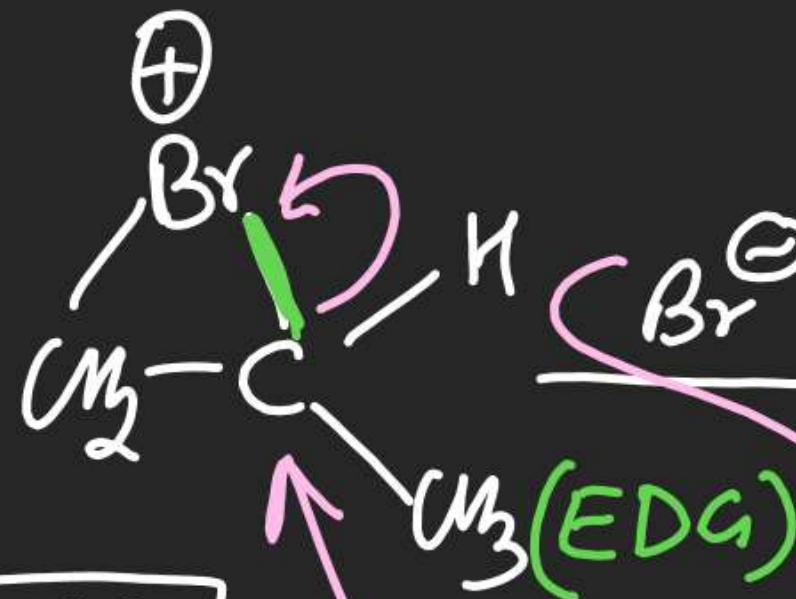
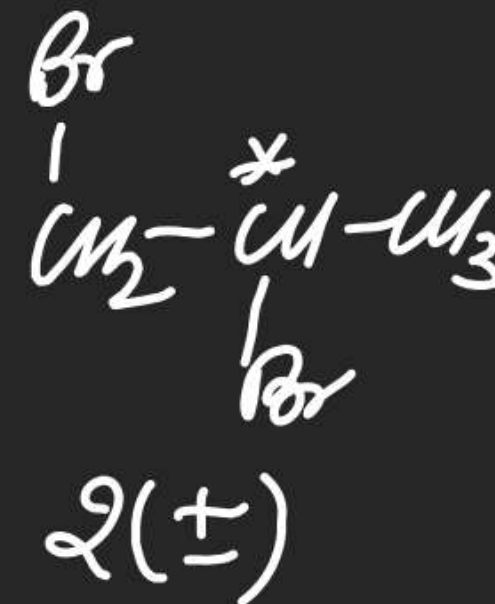


mechⁿ(22)

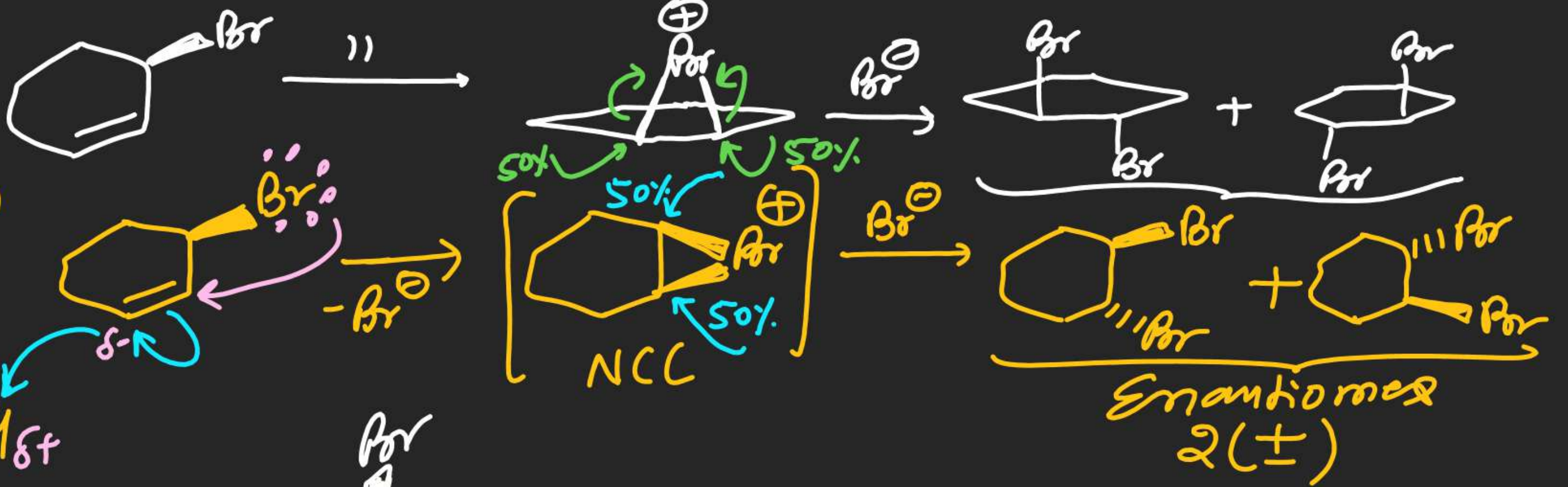
Allylic

 $\delta^+ \delta^-$
 H Br

NCC

 Br^\ominus 

(23)

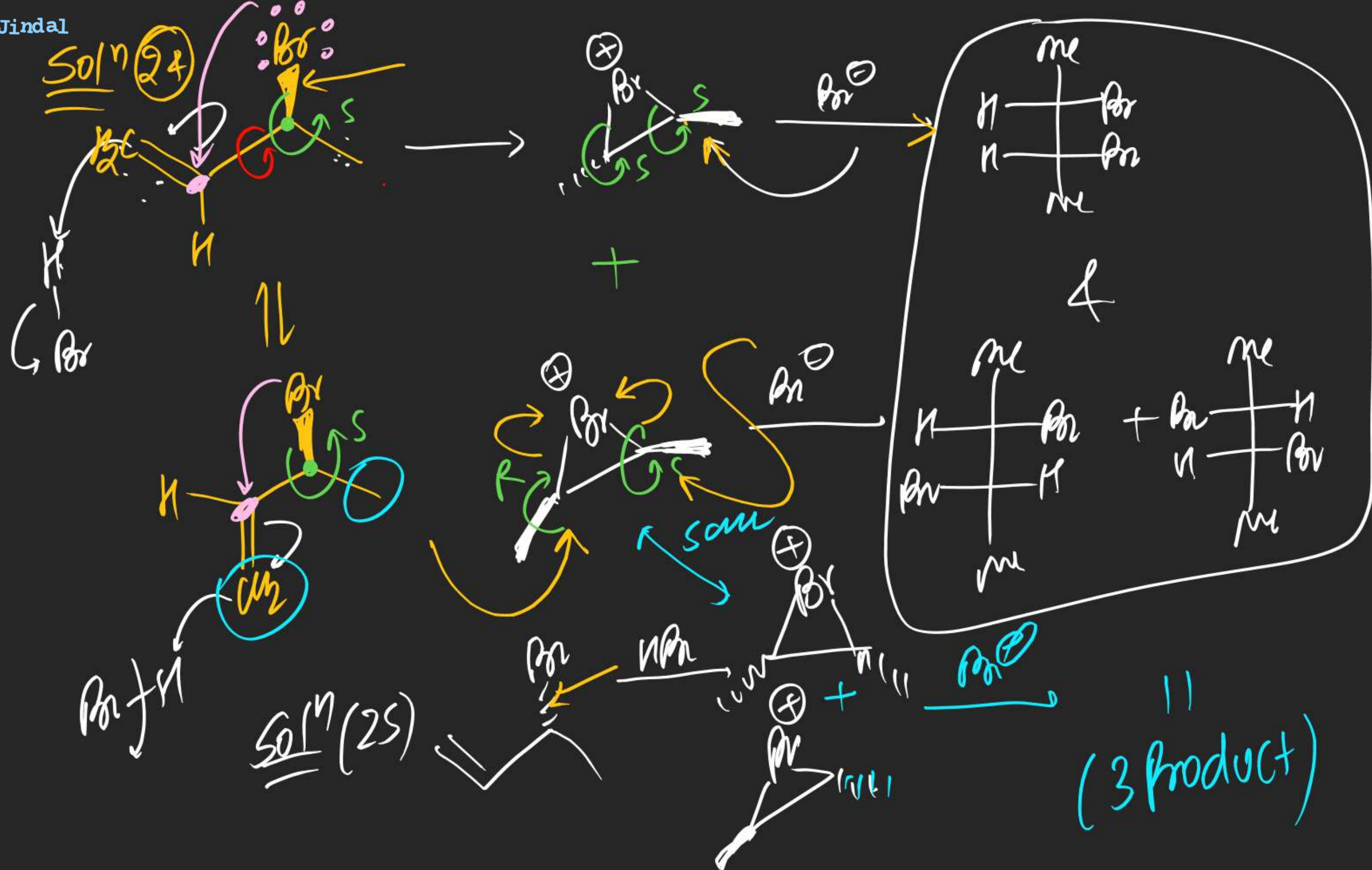


(24)



(25)





KCP & TCP

\Rightarrow KCP = Kinetically Controlled Product
 = Product which is quickly formed
 = Product which formed by low E_a

\Rightarrow TCP = Thermodynamically Controlled Product
 = most stable product

Note (i) KCP & TCP Both may be same

(ii) At low Temp Rxn is irreversible



(iii) At high Temp (at which A-B gets dissociated)
 Rx^n is reversible in nature



(iv) At low Temp \Rightarrow KCP is major Product
 (Rx^n is irreversible) because there is no sufficient amount of
 Energy to cross high Energy Barrier.

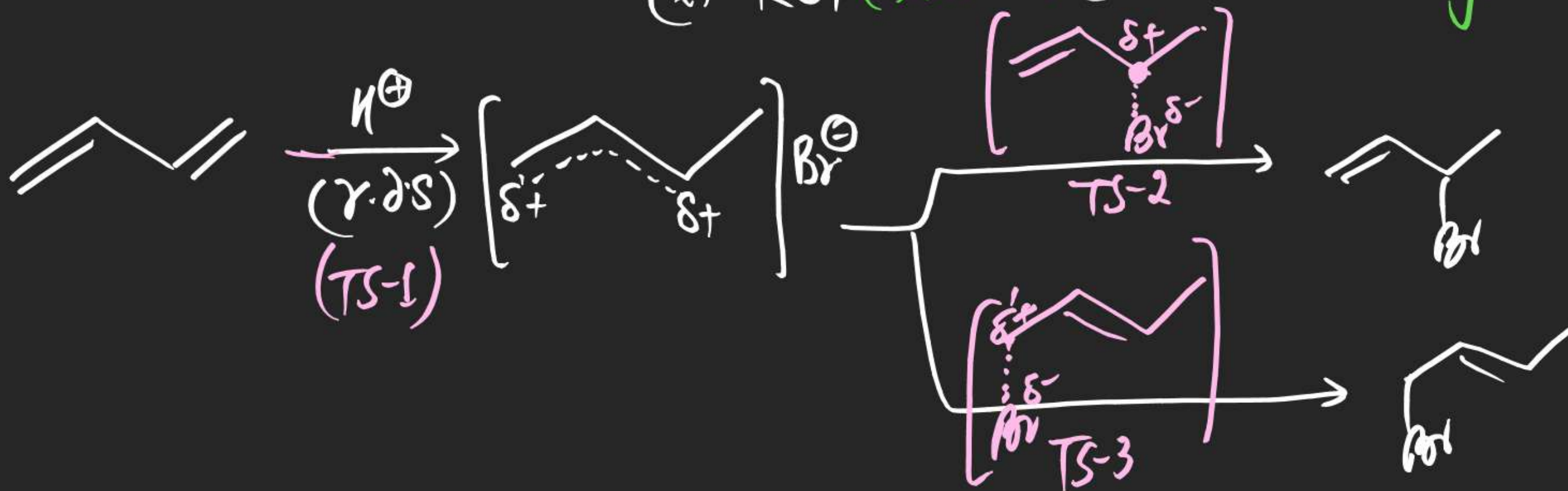
(v) At high Temp: \Rightarrow TCP is major Product
 (Rx^n is reversible) because

(vi) If No Temperature is given then TCP is major Product.
 (vii) 1,2 product is always KCP due to probability factor.

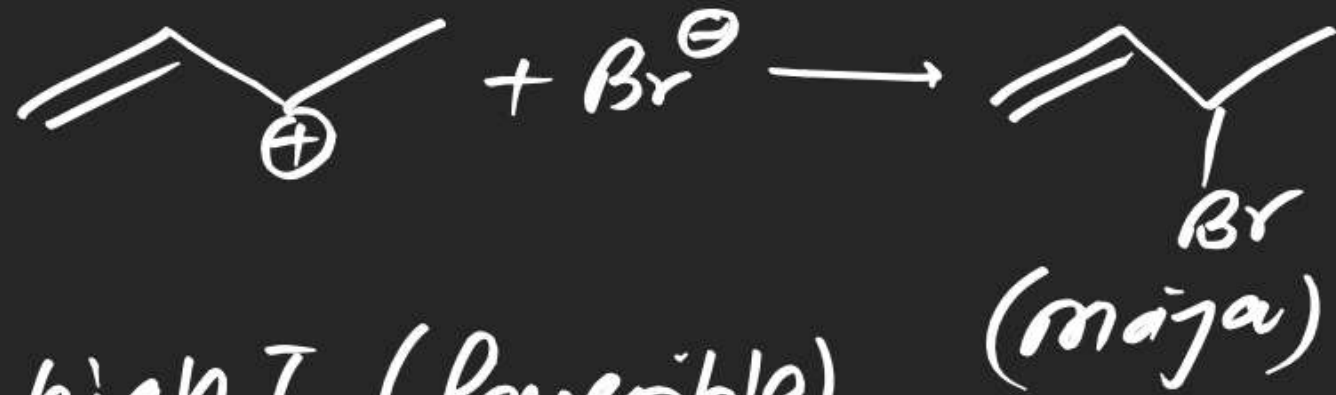


- (*) 1,2 Product (*) 1,4 Product
 (*) less stable product (*) more stable product
 (*) KCP (*) Minor (*) TCP (*) Major

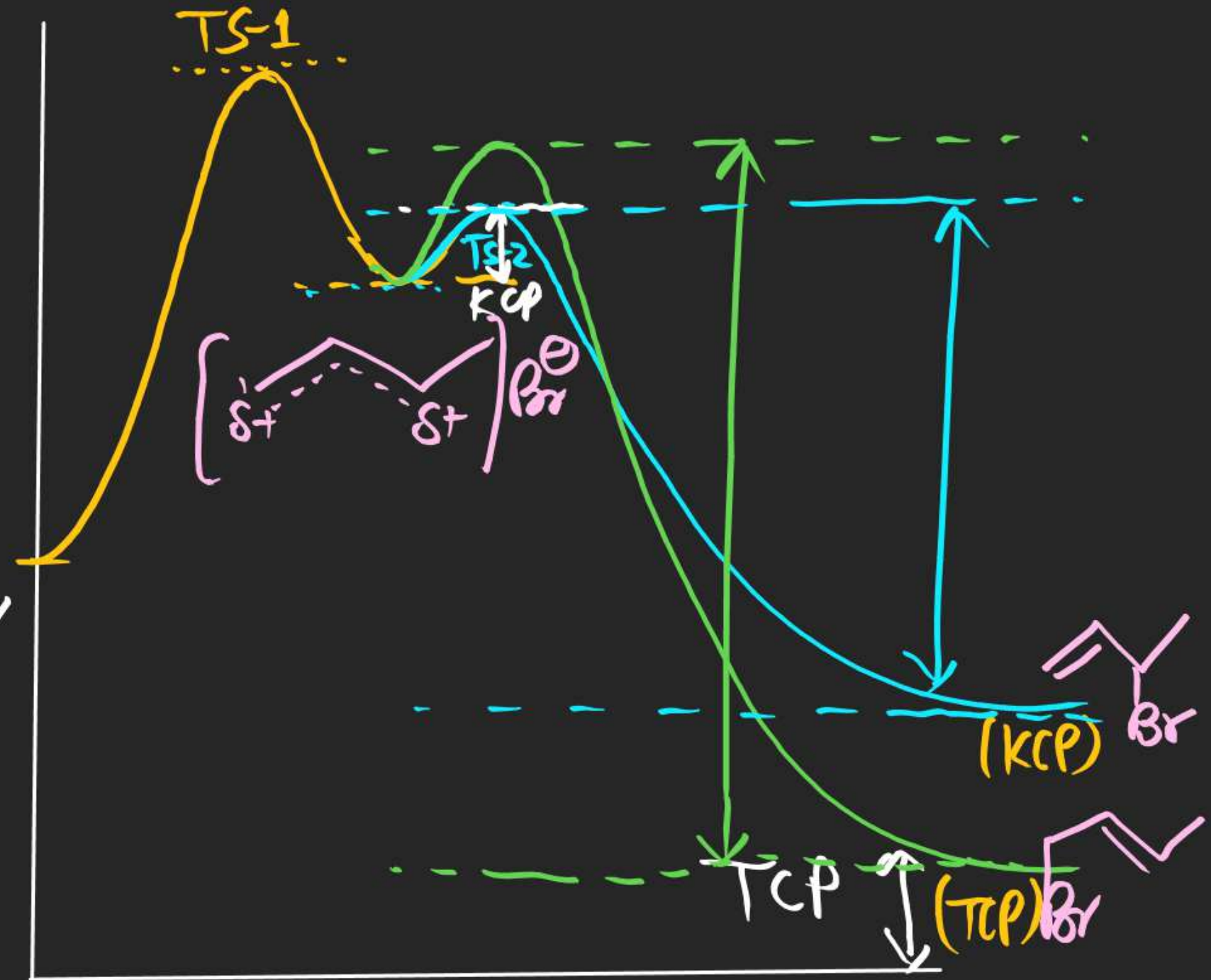
mechⁿ

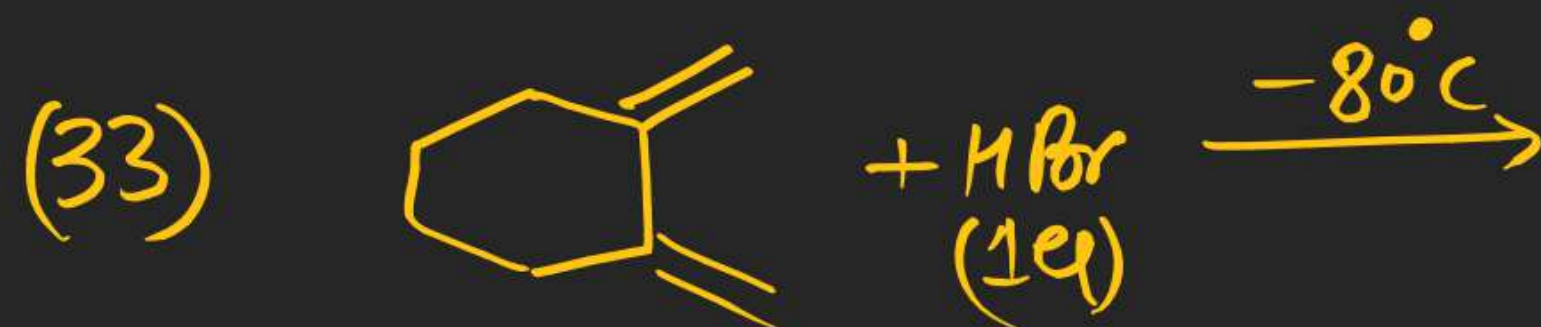
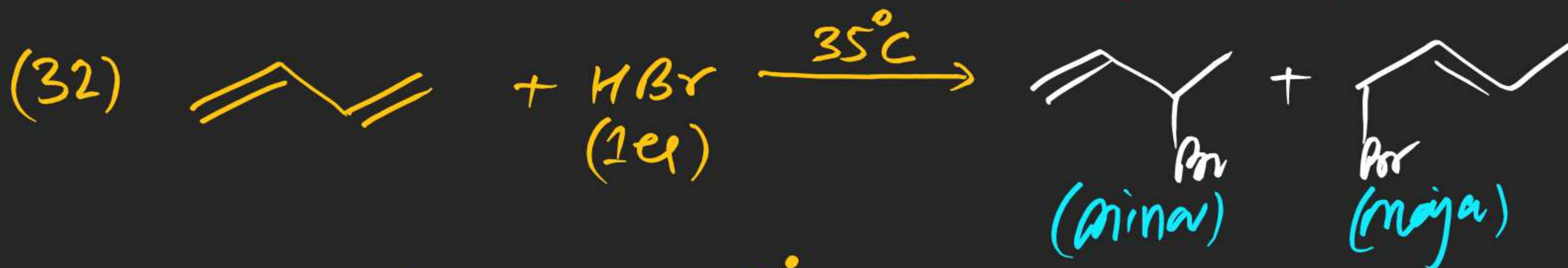
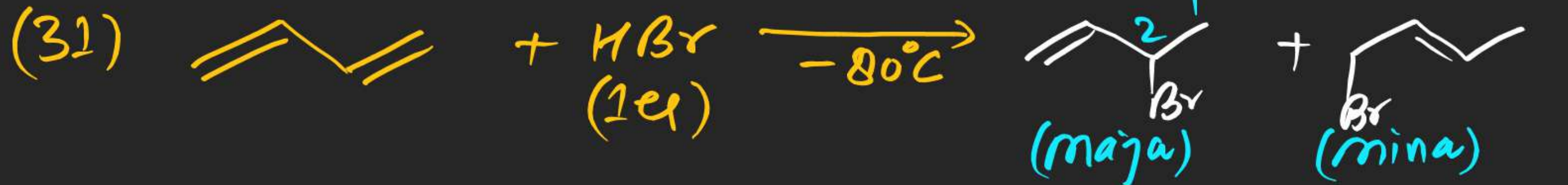


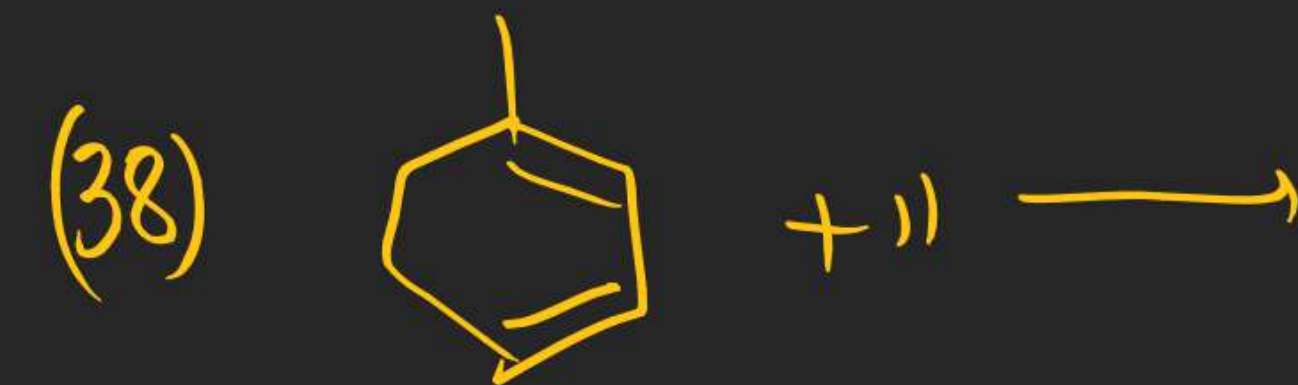
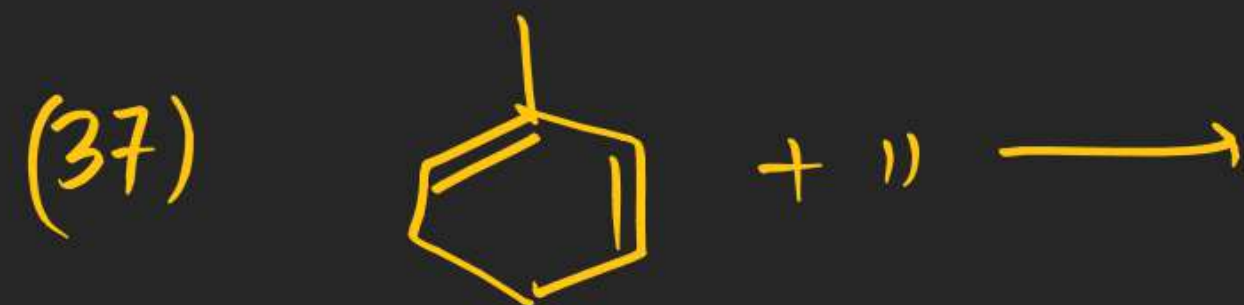
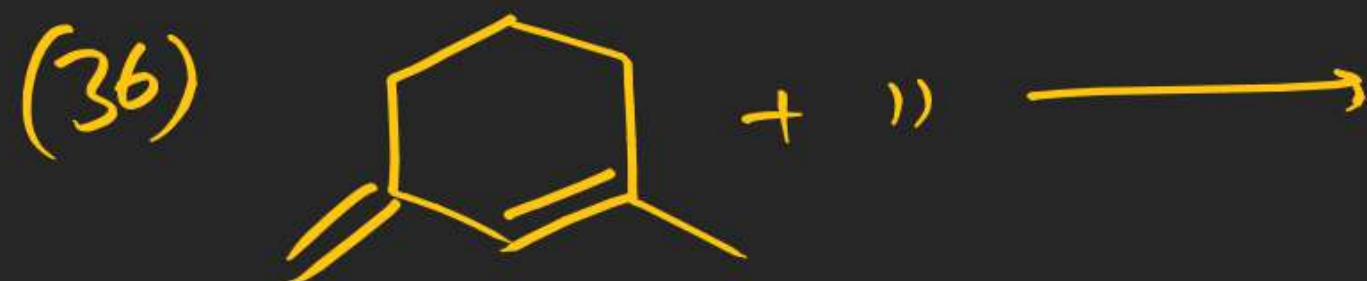
At low T (irreversible)

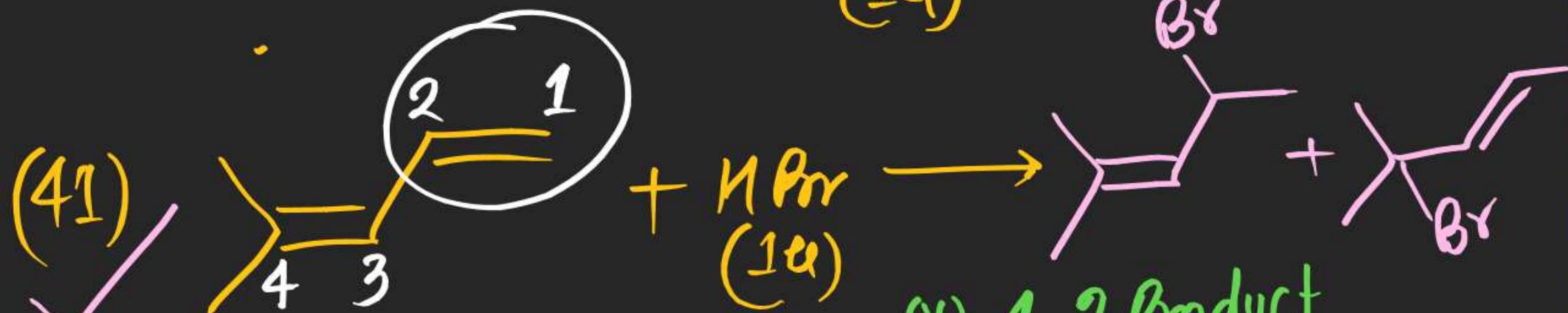


At high T (reversible)

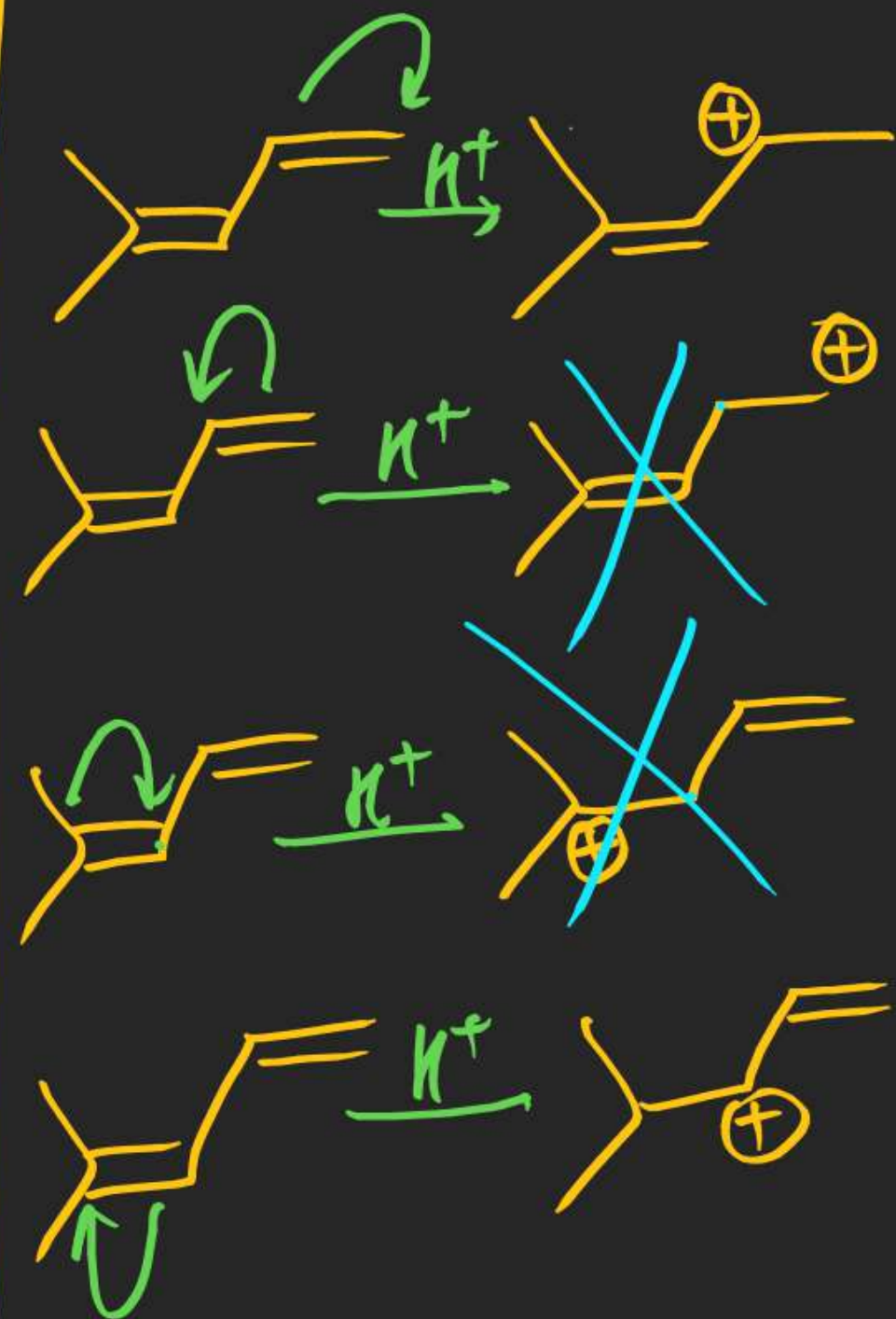






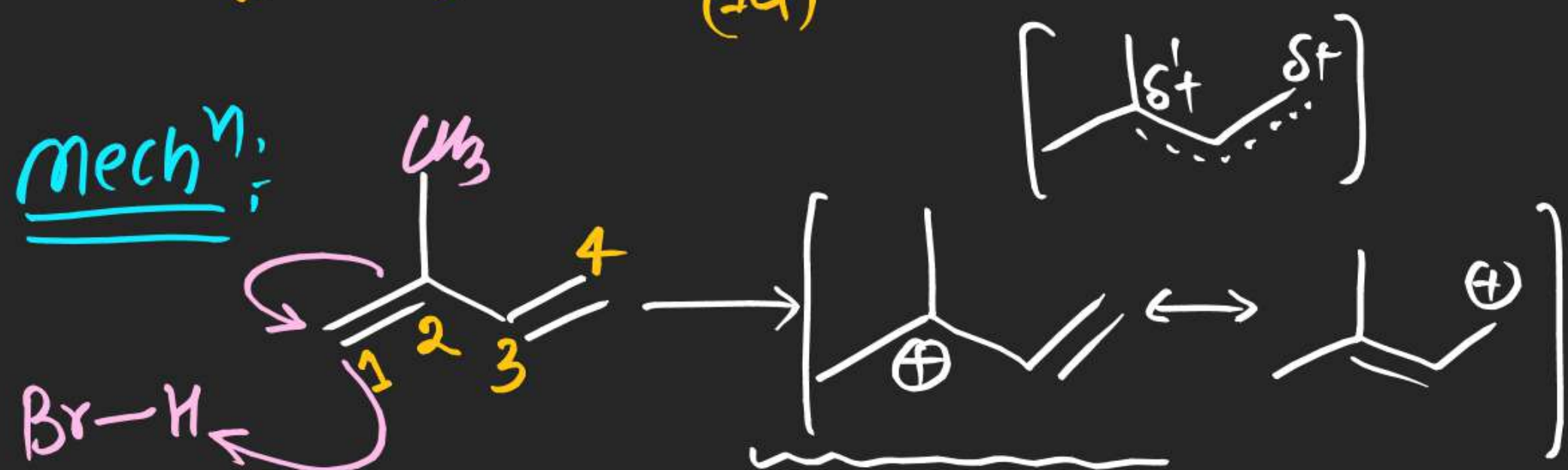


(x) 1,2 Product
(x) KCP
(*) TCP
(more stable)
(major)



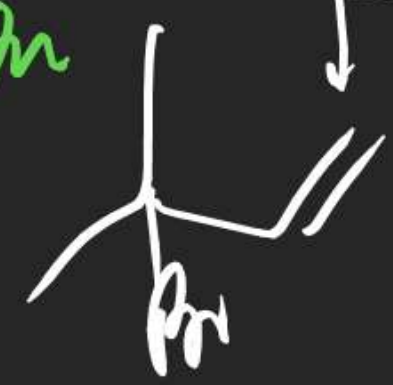


mechⁿ:



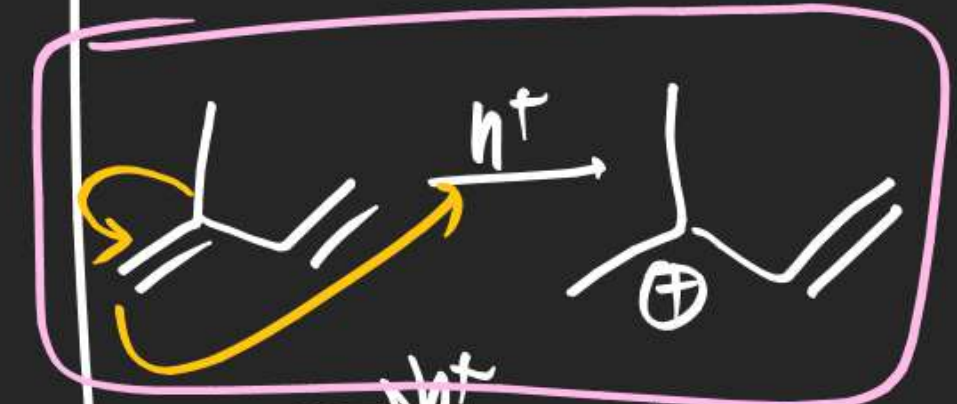
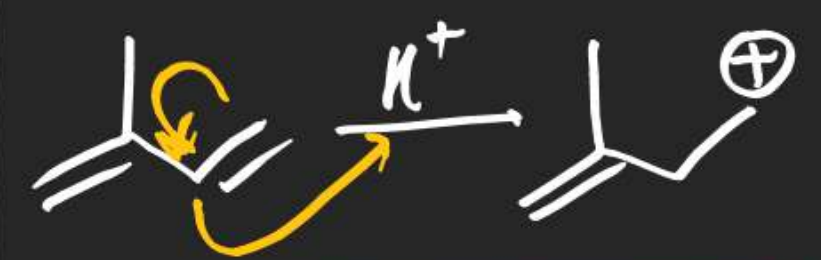
Resonance
+ δ^+ α H

① 1,2 Pr
② KCP



(major)
③ 1,4 Product
④ TCP

Rough work To
find out highly polarised
Bond.



HW

BB

Theory copy

isomerism

ex-Jee mains