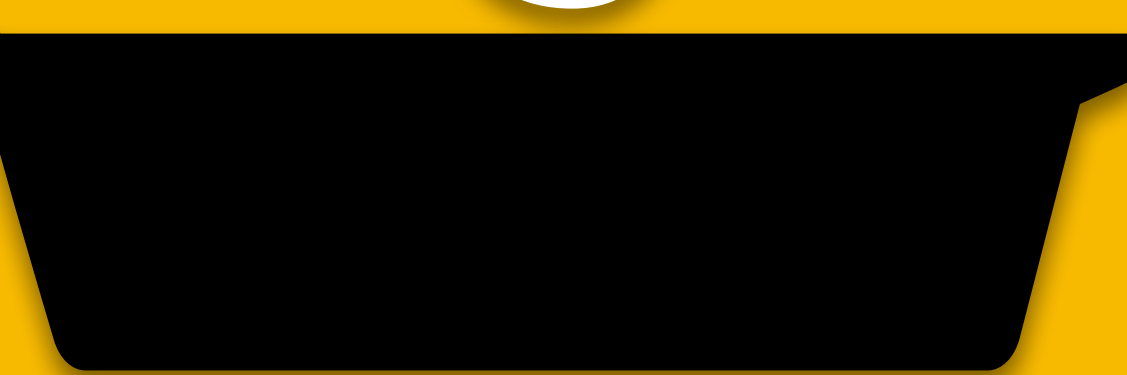


química

Feijão com Arroz

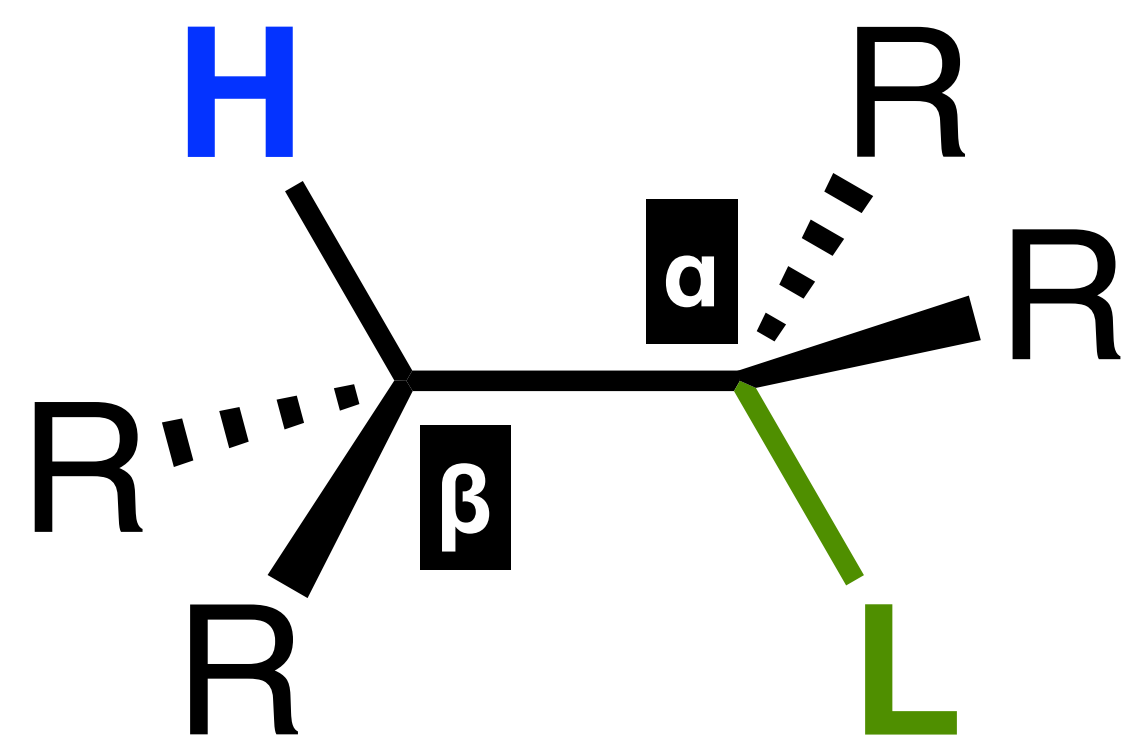


**Eliminação
Unimolecular**

E1



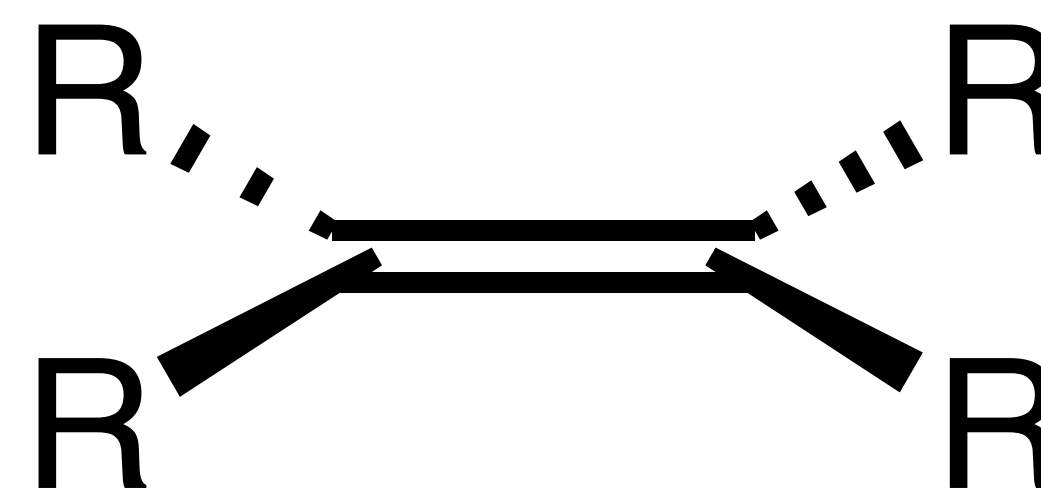
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Eliminação β



- **H** **L**



$$E2 = A_{xh} D_H D_N$$

$$\frac{dP}{dt} = k_2 [R_2HCCR_2L][b]$$

REAÇÃO BIMOLECULAR

VELOCIDADE DEPENDE DE AMBOS OS REAGENTES

PODE SER

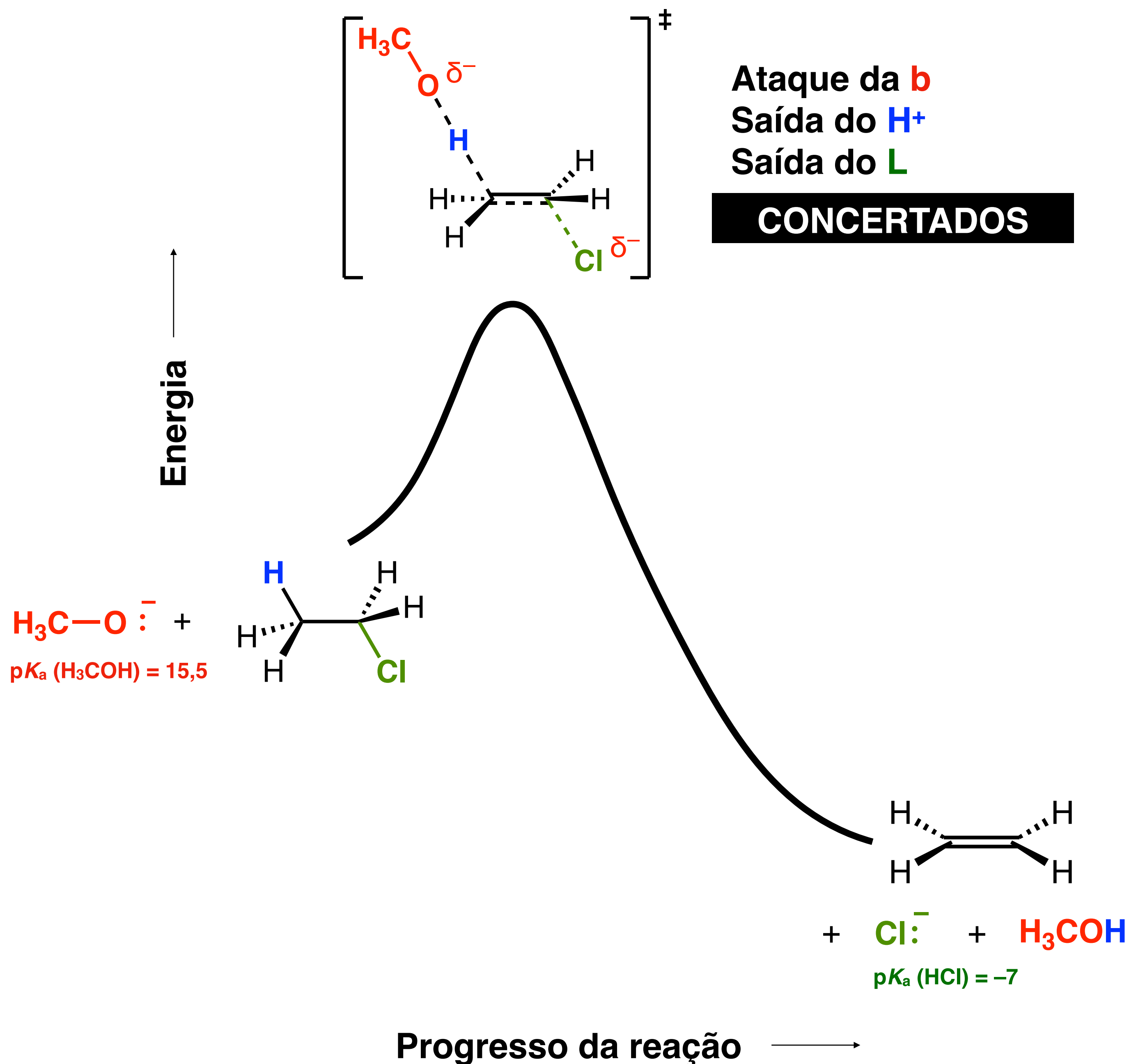
ESTEREOESPECÍFICA

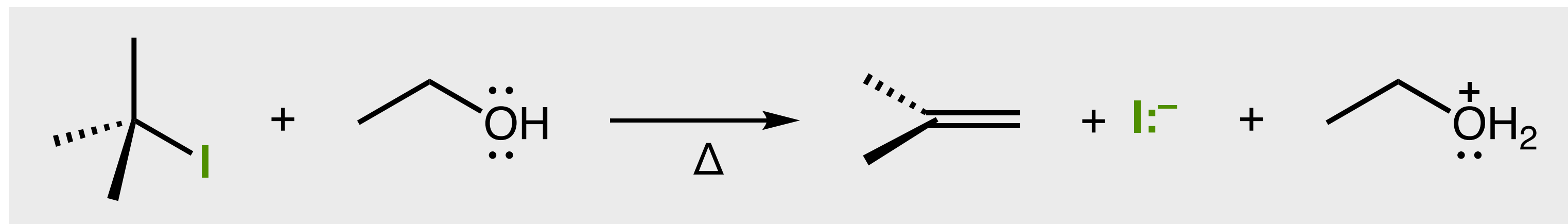
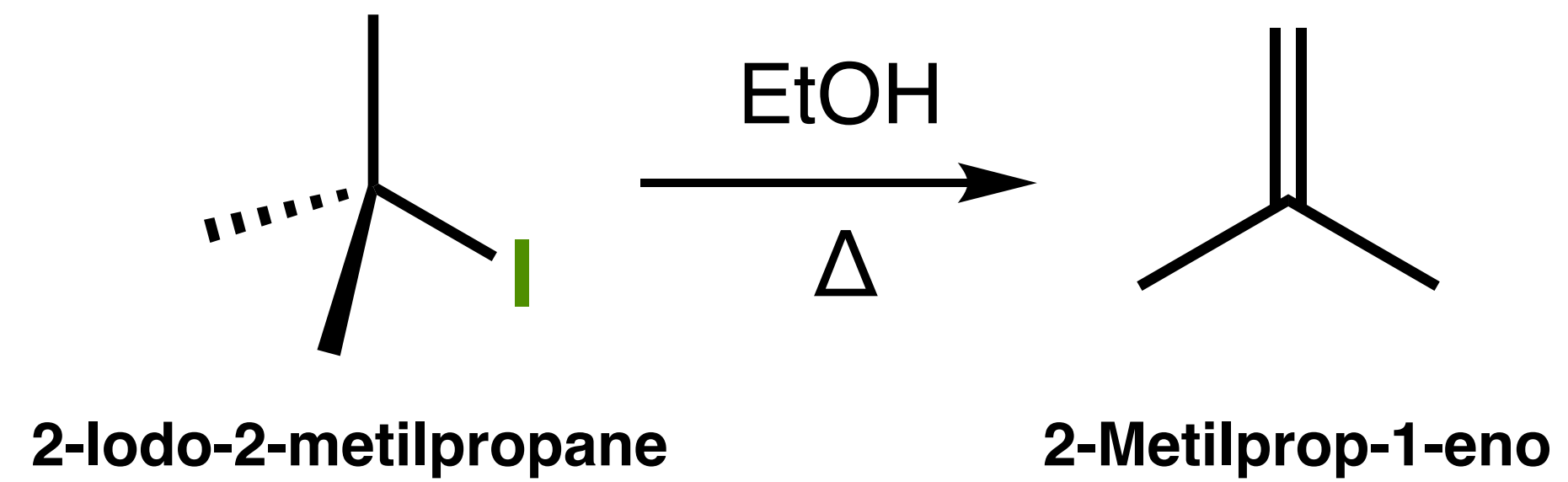
Estereoquímica do reagente define a estereoquímica do produto
dado o requerimento de antiperiplanaridade entre H e L

OU

REGIOSSELETIVA

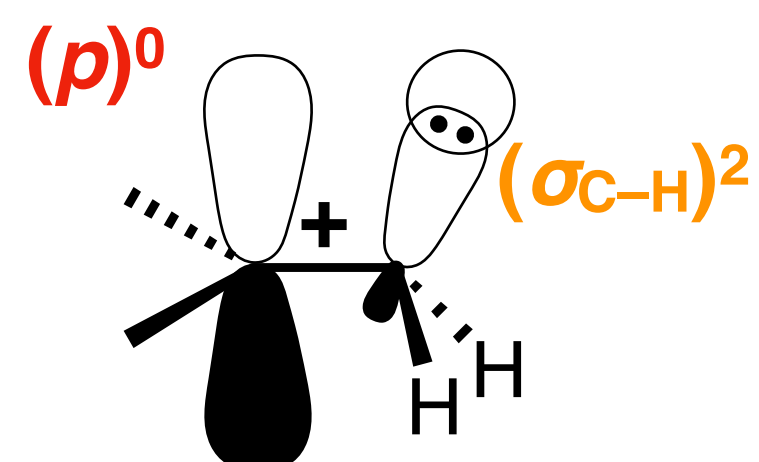
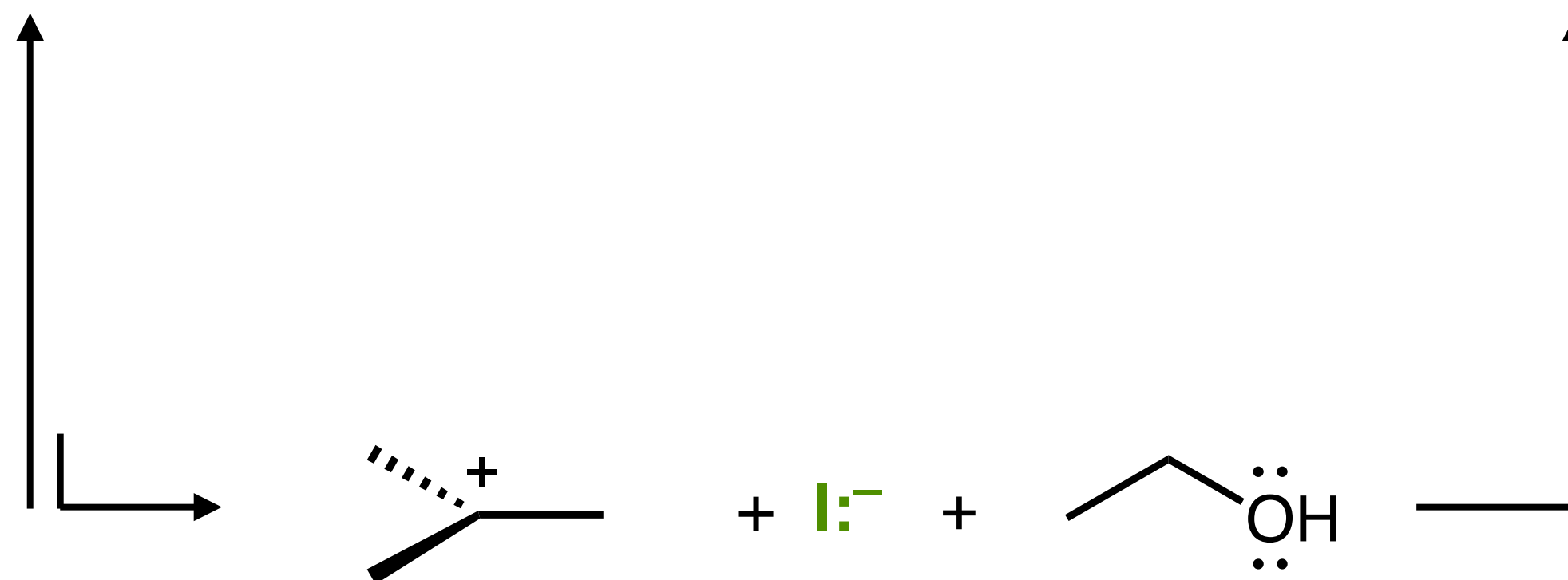
Formação de vários regioisômeros, mas um deles em maior
quantidade. Impedimento da base tem papel decisivo.

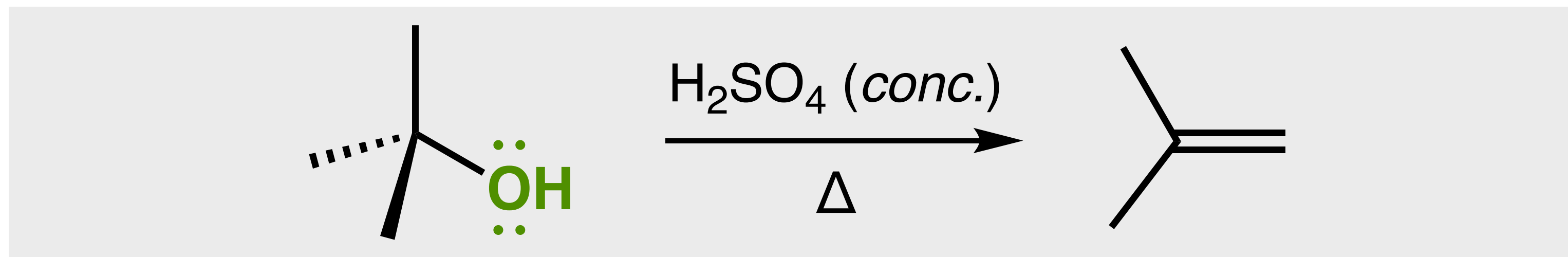




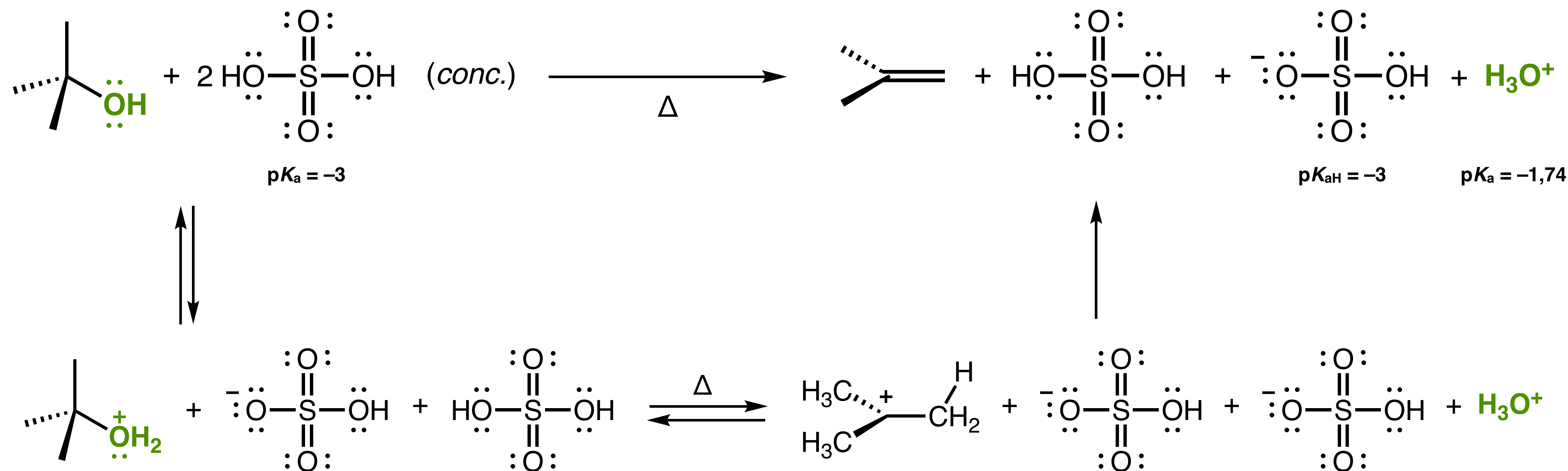
$pK_a(\text{HI}) = -10$

$pK_a = -2,4$



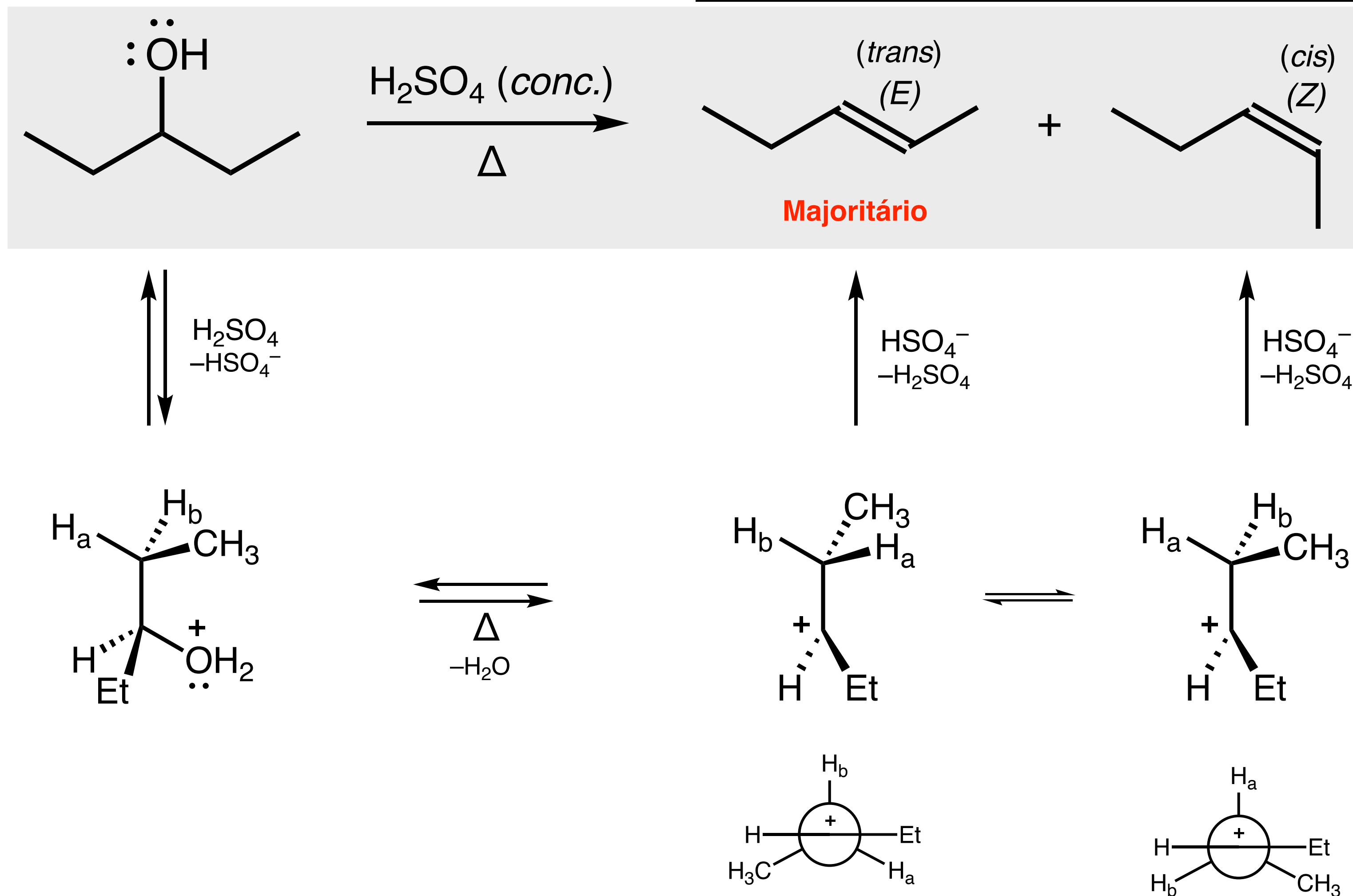


H₂SO₄ concentrado:
 98,3% em H₂O, 18,4 mol L⁻¹

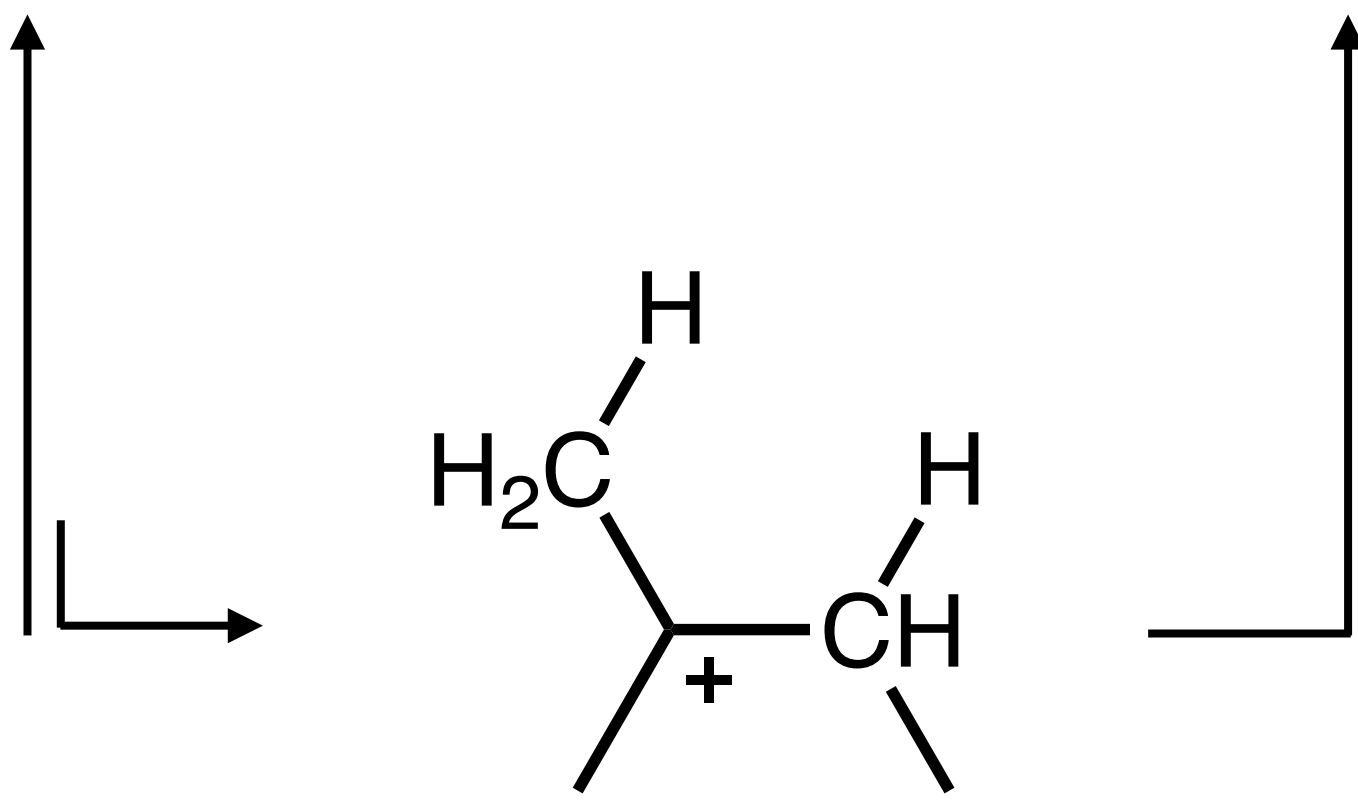
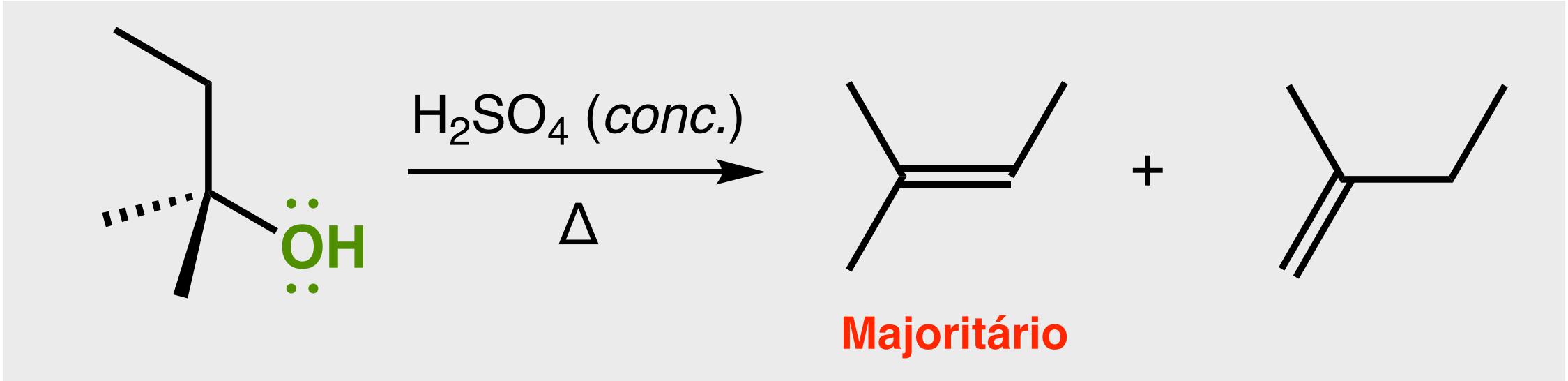


ESTEREOSSSELETIVA

NÃO ESTEREOESPECÍFICA



REGIOSSELETIVA



$$E_1 = D_N + D_E$$

$$\frac{dP}{dt} = k_1[R_2HCCR_2L]$$

REAÇÃO UNIMOLECULAR

VELOCIDADE DEPENDE DO REAGENTE COM O L

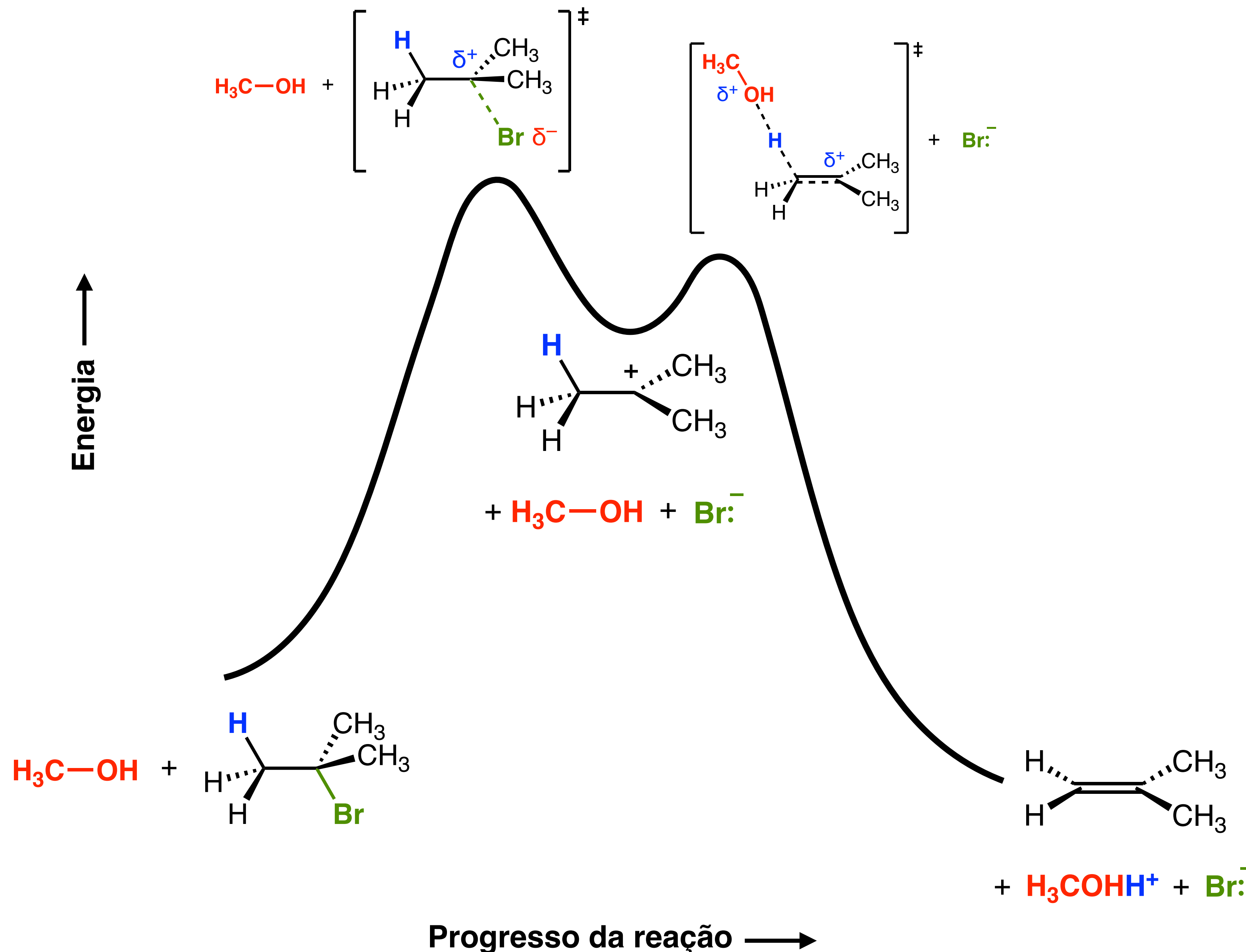
ESTEREOSELETIVA

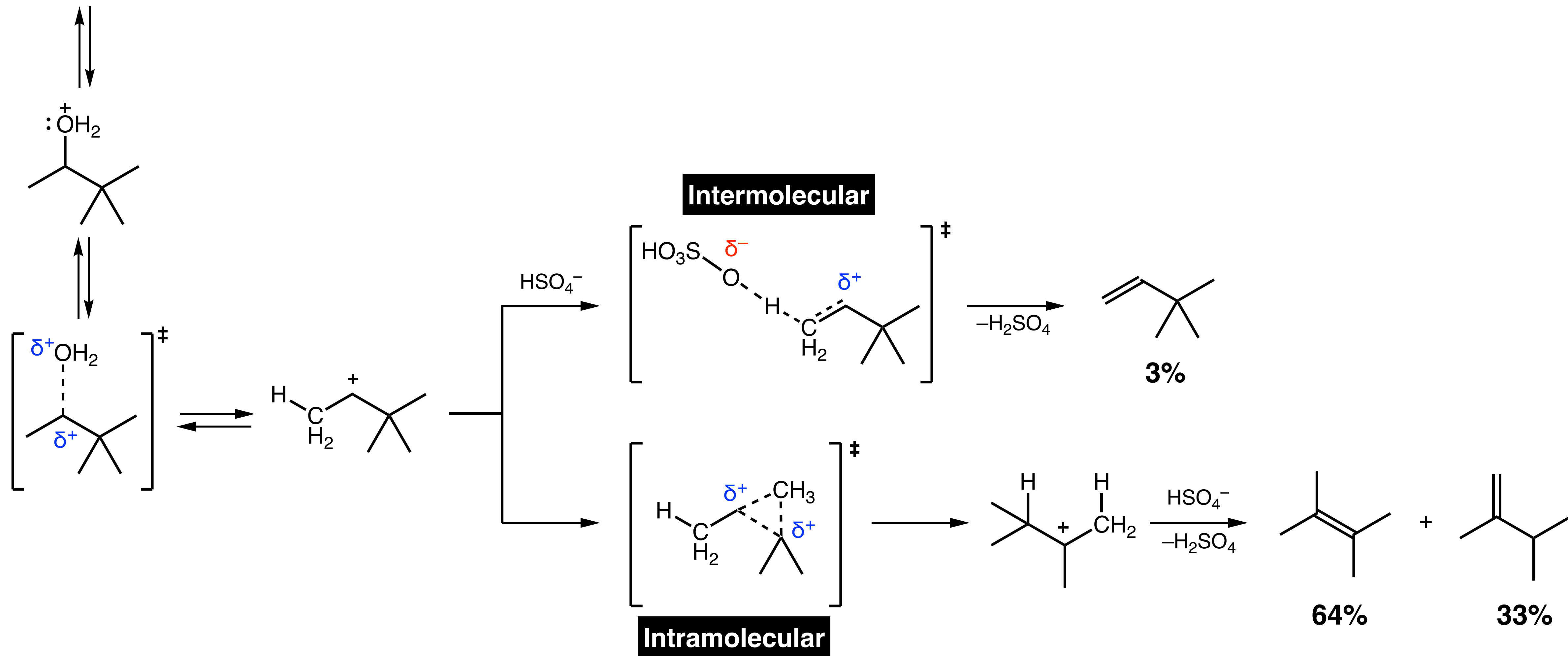
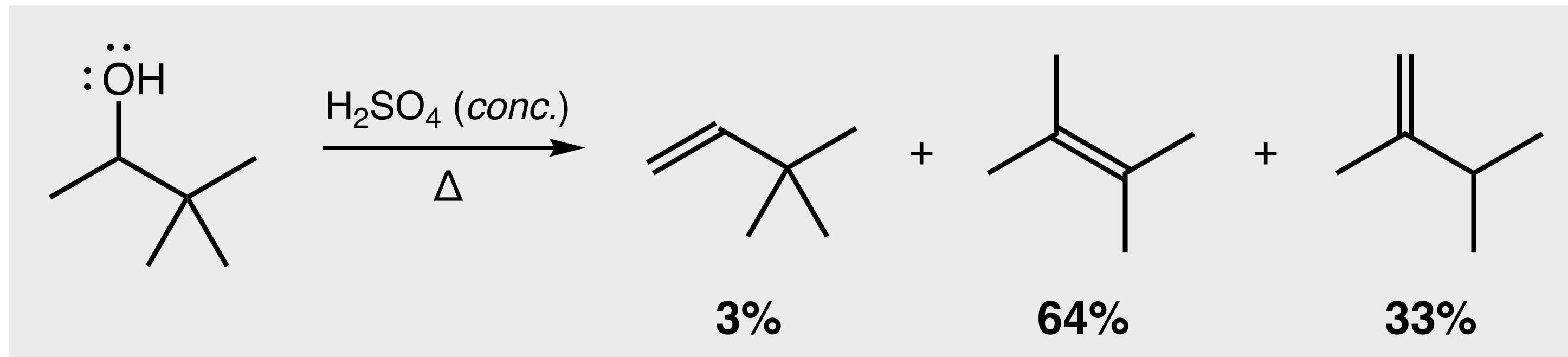
Estereoquímica do reagente **não** define a estereoquímica do produto, não há requerimento de antiperiplanaridade entre H e L

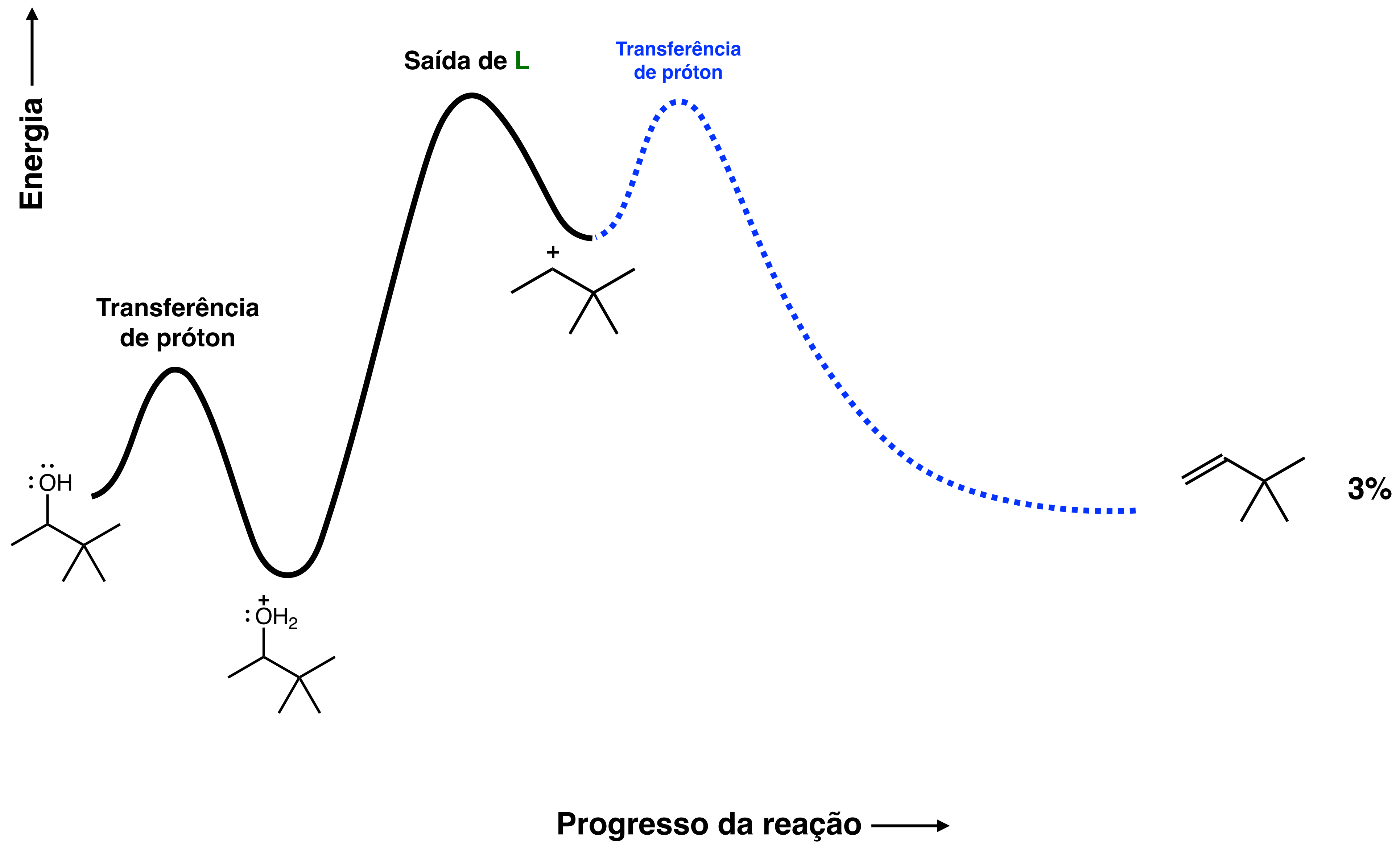
OU

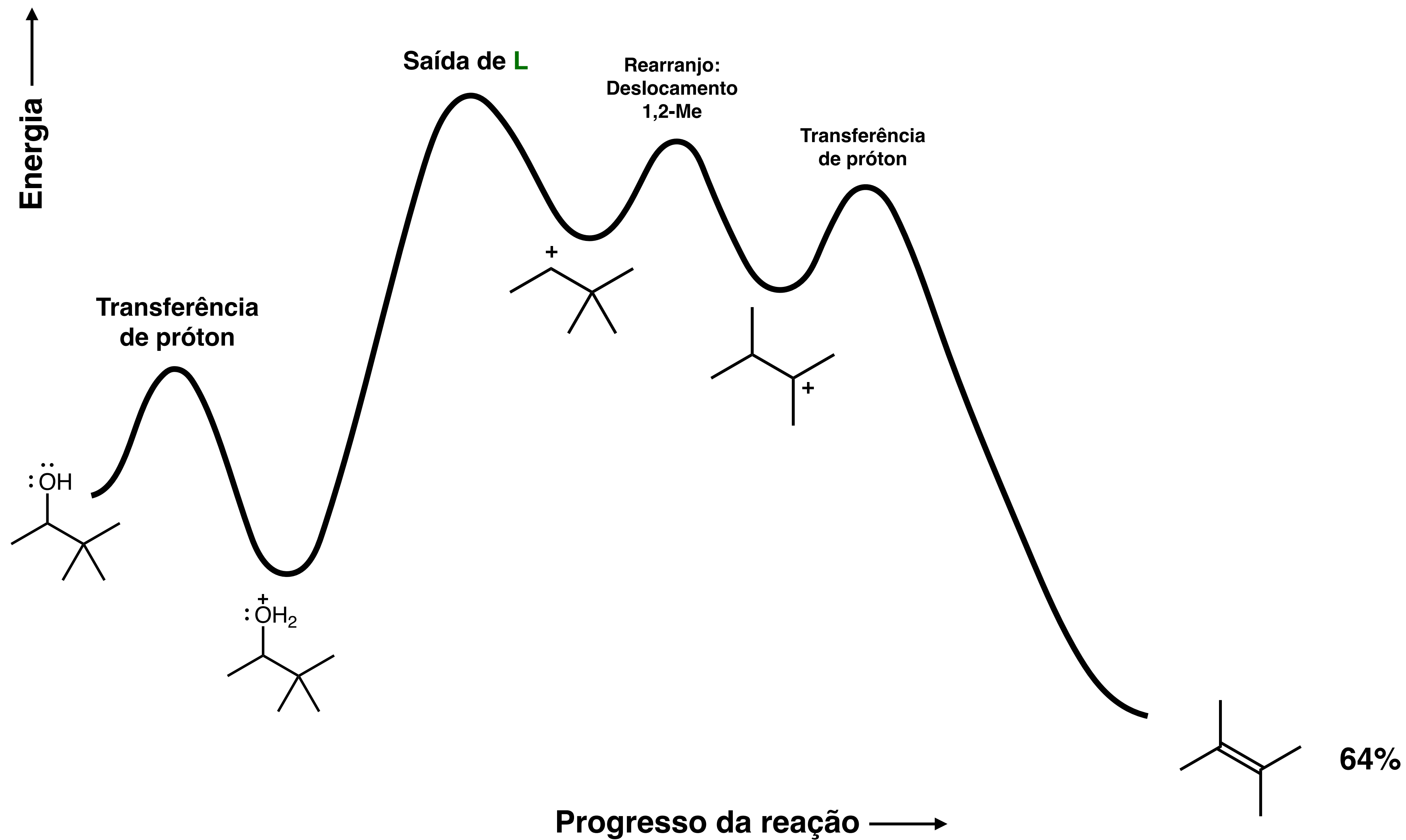
REGIOSELETIVA

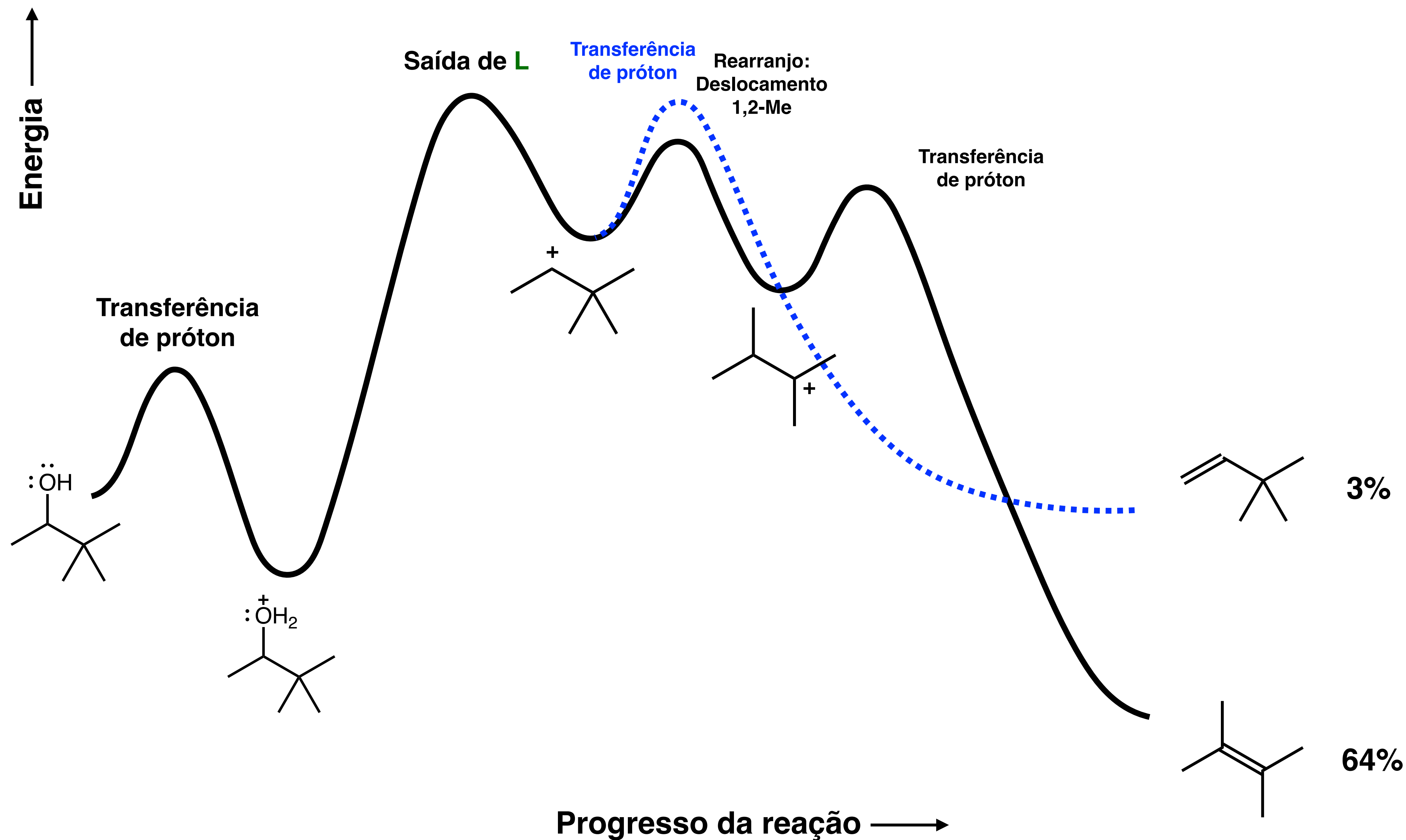
Formação de vários regioisômeros, mas o **produto Zaitsev é preferencial**.
Impedimento da base é irrelevante.

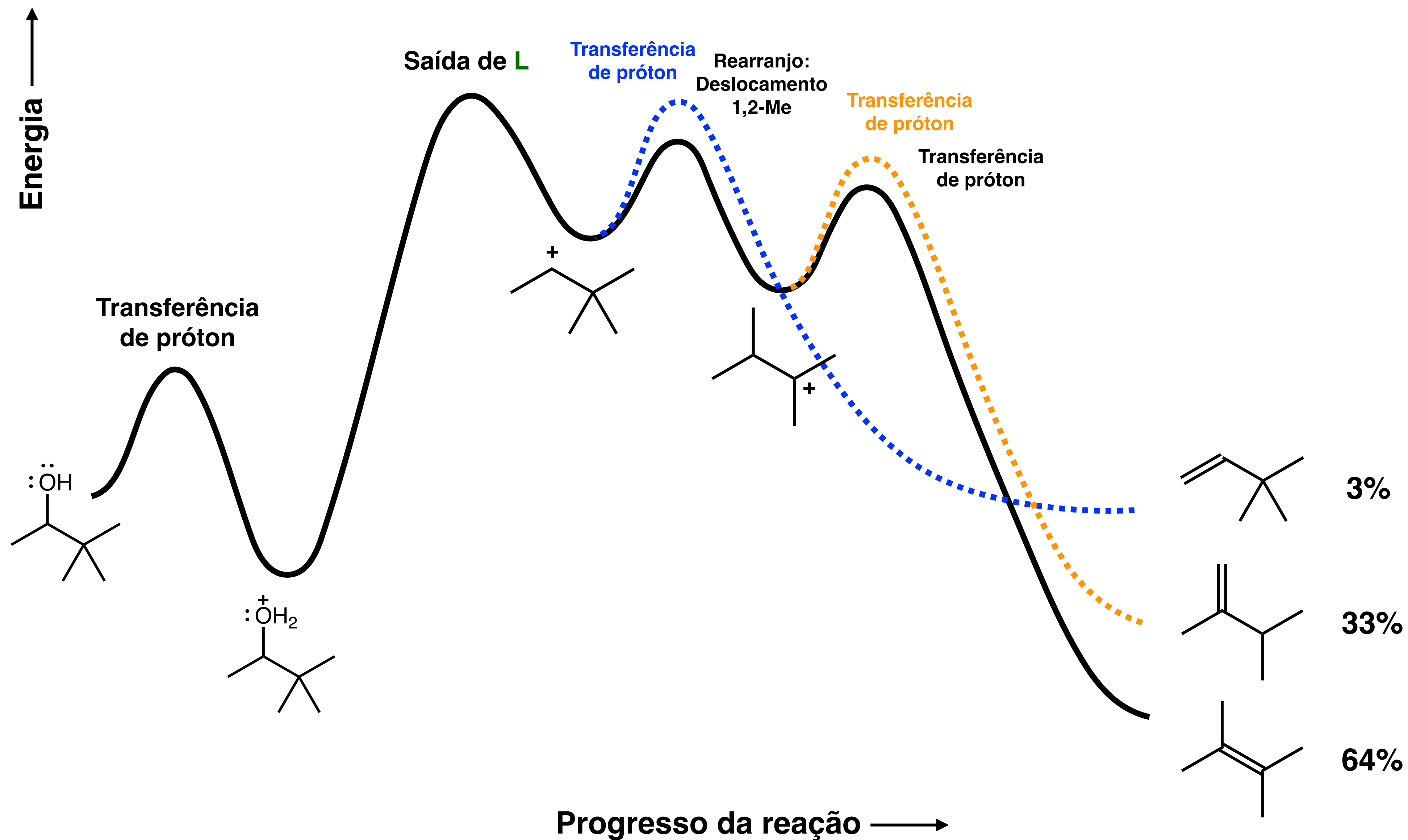


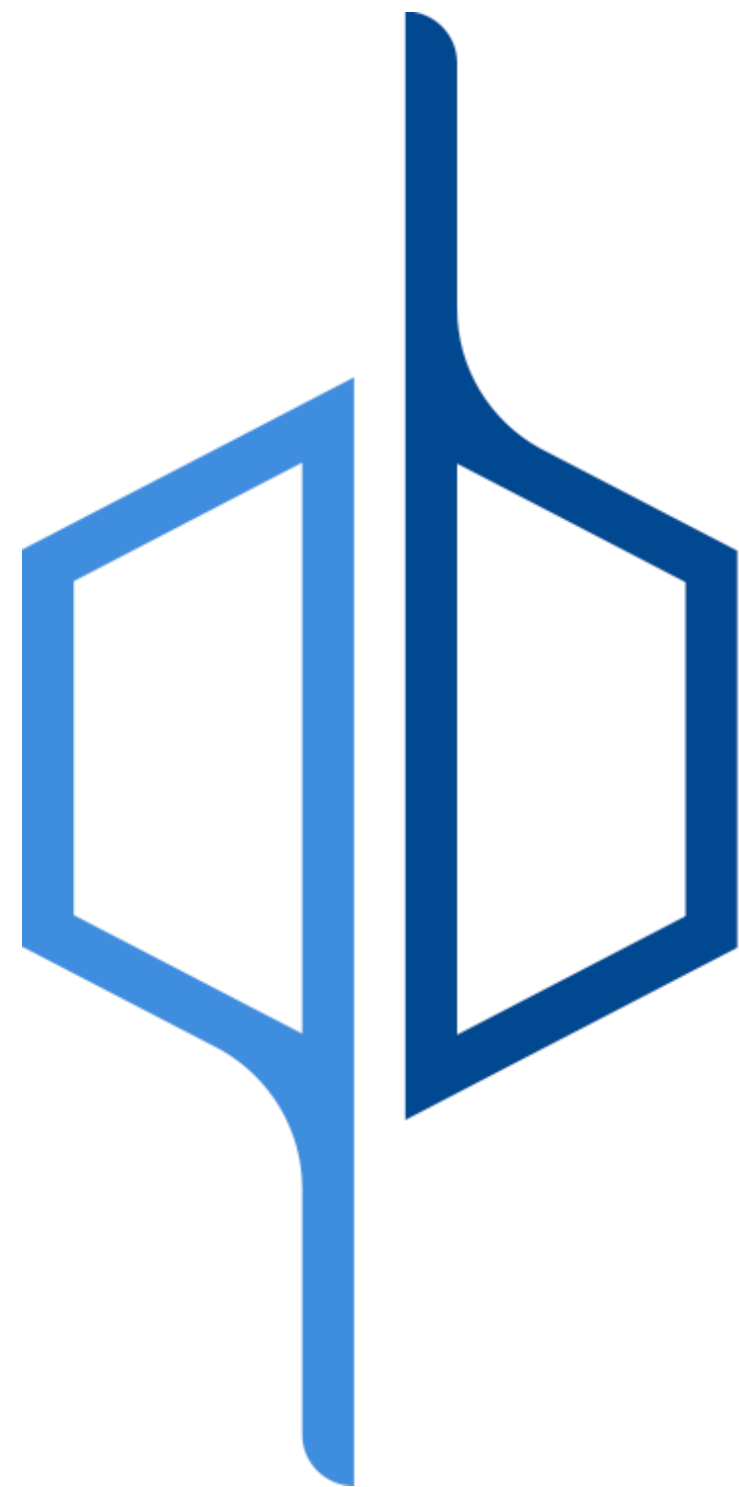












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QUÍMICA FEIJÃO COM ARROZ

Eliminação unimolecular (E1)