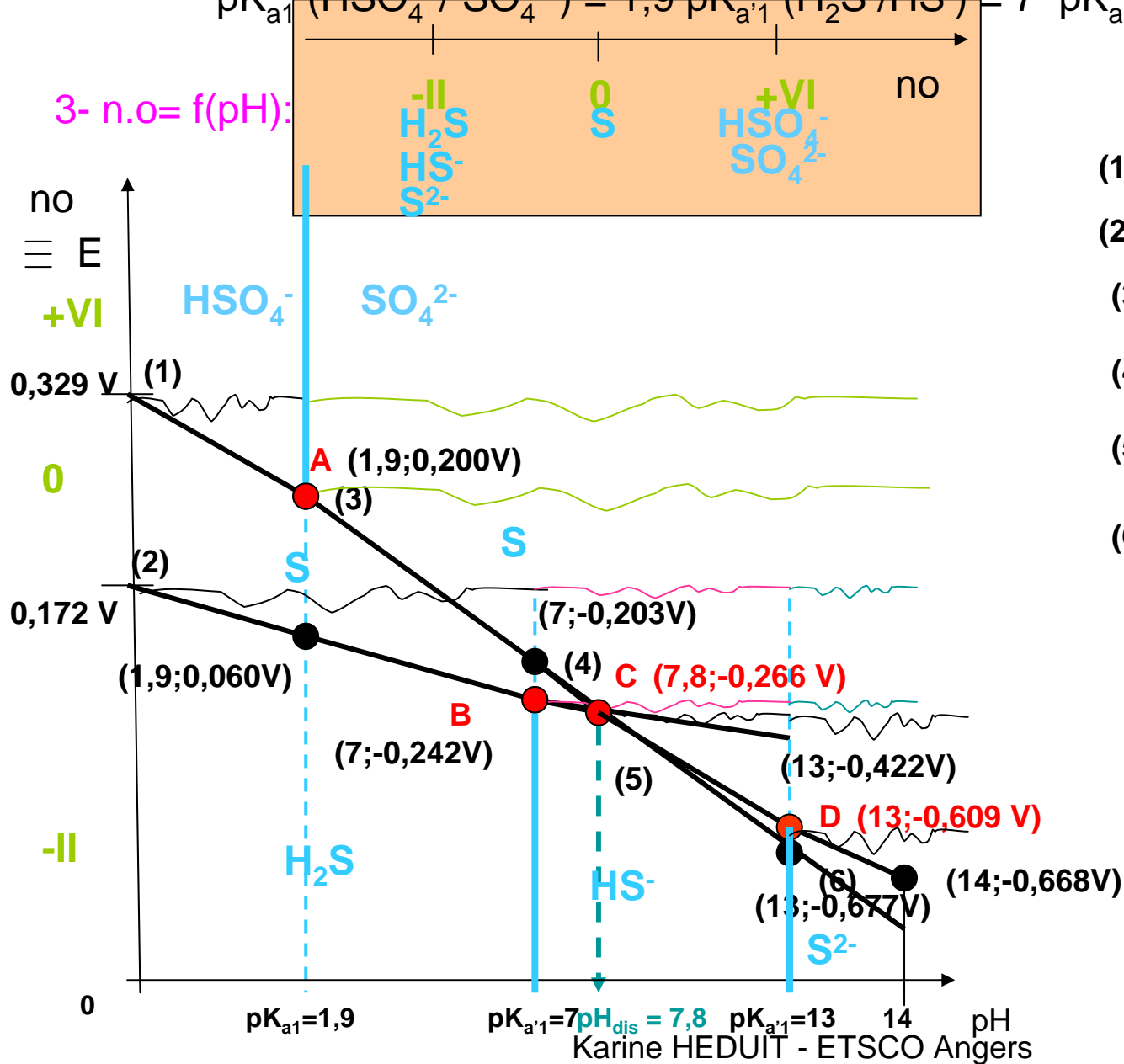




Données :  $E^{\circ}_1$  ( $\text{HSO}_4^-/\text{S}$ ) = 0,339 V ;  $E^{\circ}_2$  ( $\text{S} / \text{H}_2\text{S}$ ) = 0,142 V

$\text{pK}_{a1}$  ( $\text{HSO}_4^- / \text{SO}_4^{2-}$ ) = 1,9  $\text{pK}_{a1}$  ( $\text{H}_2\text{S} / \text{HS}^-$ ) = 7  $\text{pK}_{a2}$  ( $\text{HS}^- / \text{S}^{2-}$ ) = 13



(1):  $E_1 = 0,329 - 0,068 \text{ pH}$

(2):  $E_2 = 0,172 - 0,059 \text{ pH}$

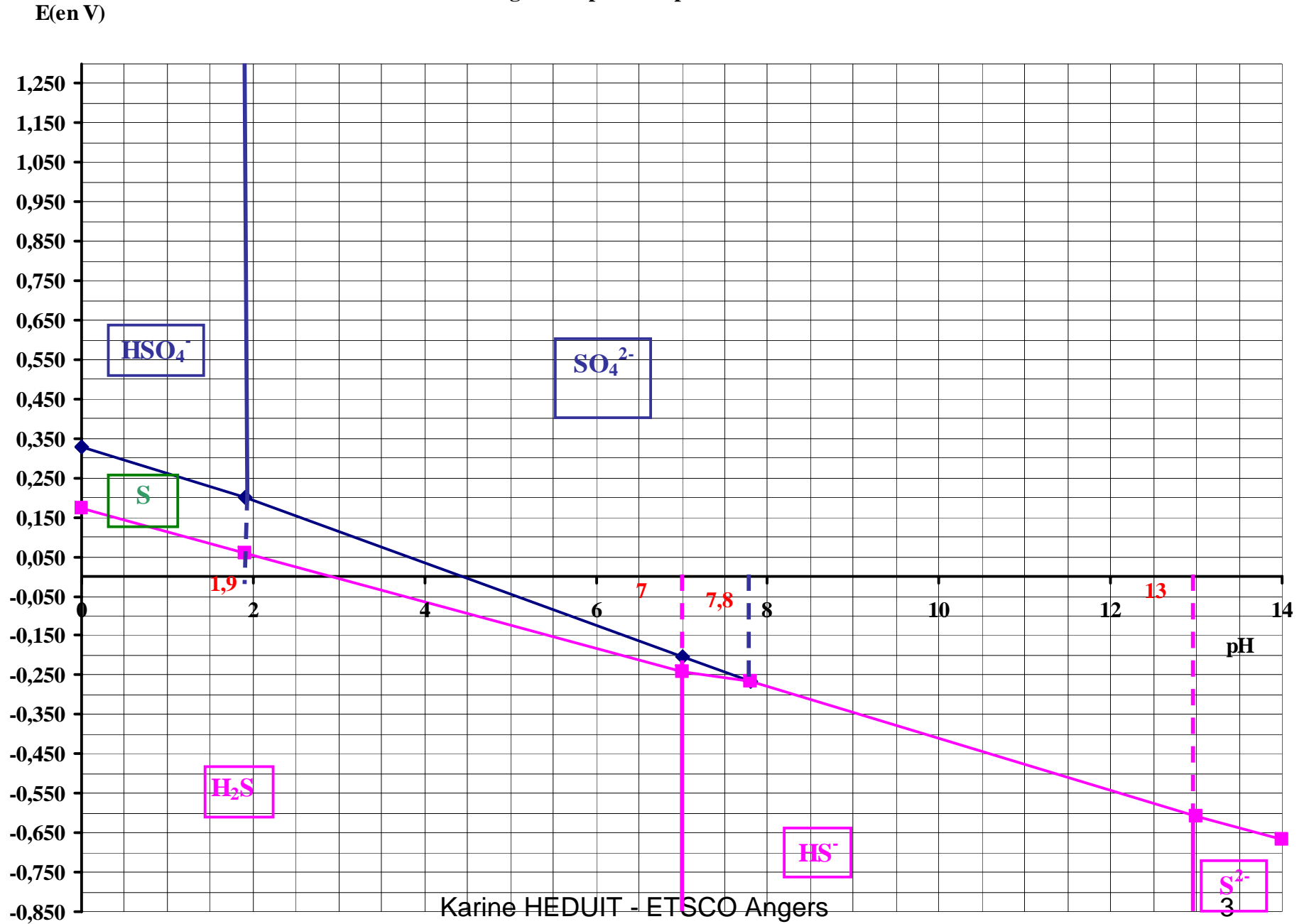
(3):  $E_3 = 0,350 - 0,079 \text{ pH}$

(4):  $E_4 = -0,032 - 0,030 \text{ pH}$

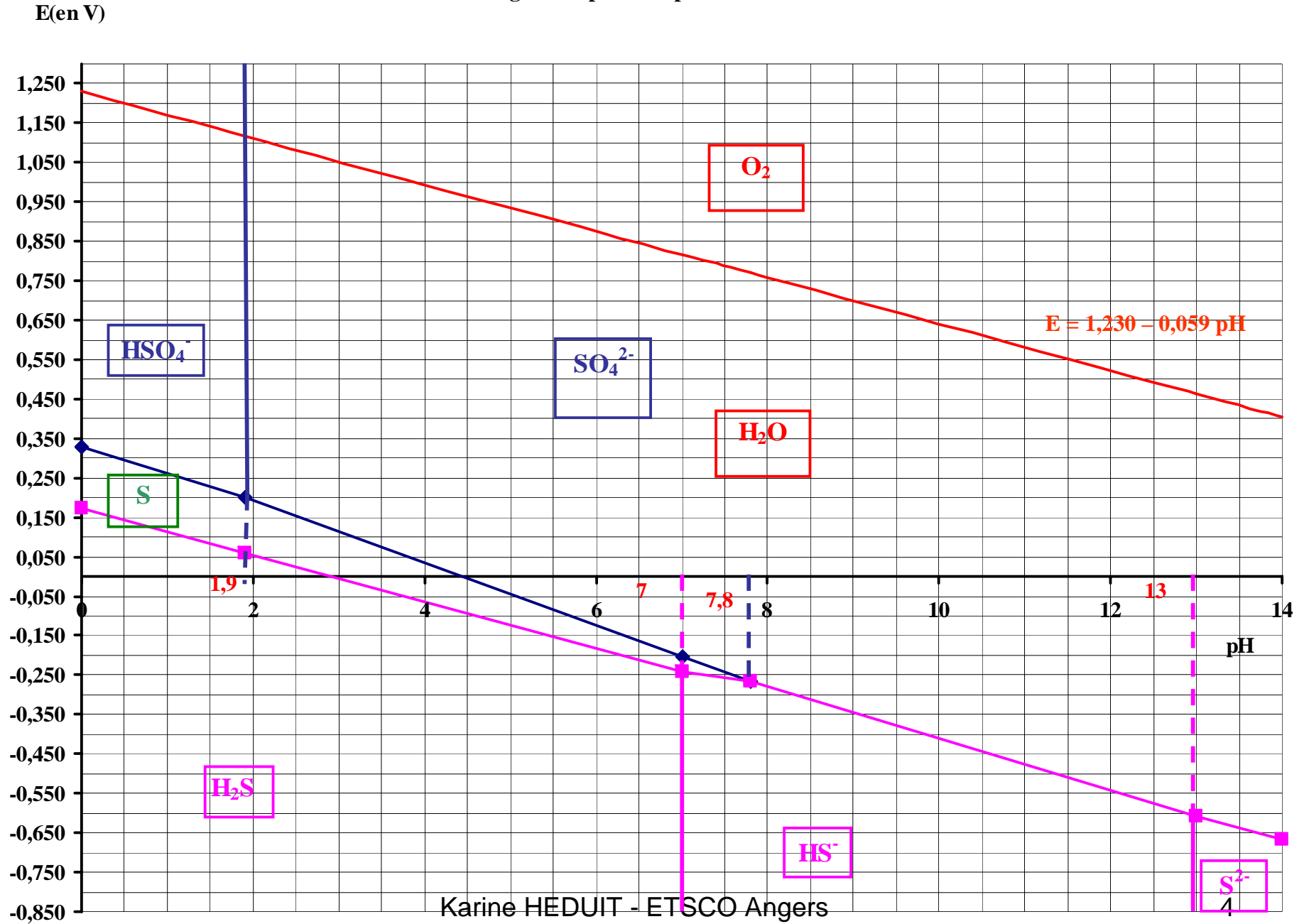
(5):  $E_5 = 0,249 - 0,066 \text{ pH}$

(6):  $E_6 = 0,158 - 0,059 \text{ pH}$

# Diagramme potentiel-pH du soufre



# Diagramme potentiel-pH du soufre



### Diagramme potentiel-pH du soufre

