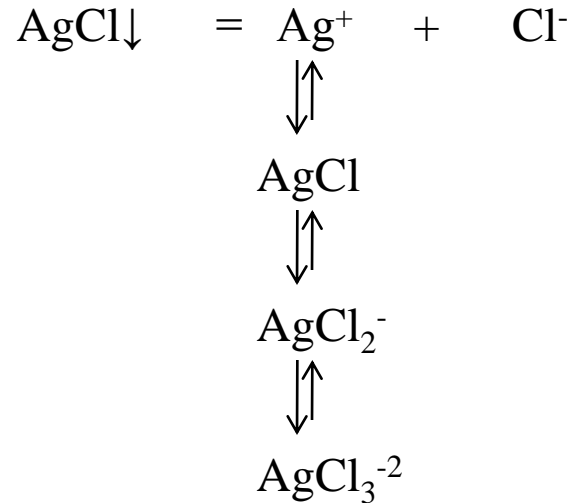


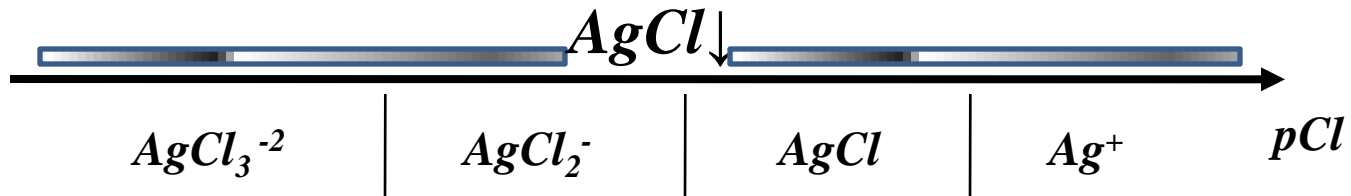
**Diagrama logarítmico de concentraciones  
de transición de estado:  $AgCl \downarrow / AgCl_n^{1-n}$**

$pK_s AgCl = 9.6$

$\log \beta(n) = (1)3.1; (2)5.1; (3)6.1.$



**DUPE combinado:**



$$[\text{Ag}^+]' = S' = [\text{Ag}^+] (1 + \sum \beta_i [\text{Cl}^-]^i) = [\text{Ag}^+] (1 + 10^{3.1-p\text{Cl}} + 10^{5.1-2p\text{Cl}} + 10^{6.1-3p\text{Cl}})$$

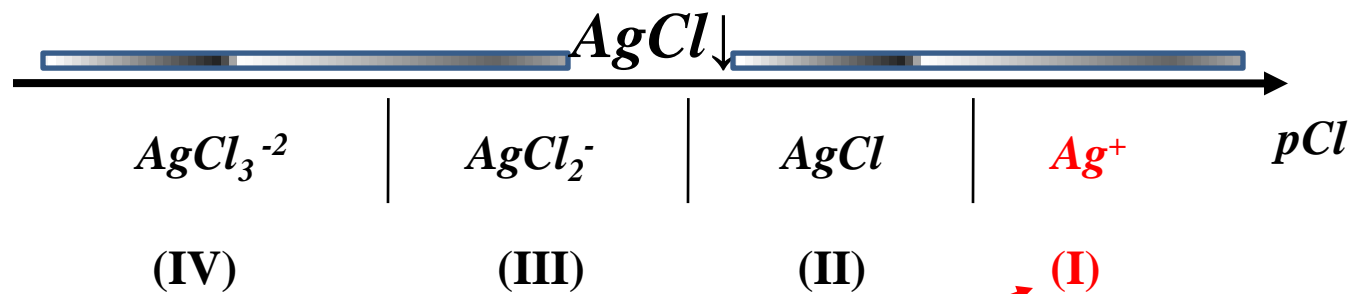
$$K_s = [\text{Ag}^+][\text{Cl}^-];$$

$$[\text{Ag}^+] = 10^{-pK_s+p\text{Cl}} (1 + 10^{3.1-p\text{Cl}} + 10^{5.1-2p\text{Cl}} + 10^{6.1-3p\text{Cl}})$$

$$S' = 10^{-pK_s+p\text{Cl}} (1 + 10^{3.1-p\text{Cl}} + 10^{5.1-2p\text{Cl}} + 10^{6.1-3p\text{Cl}})$$

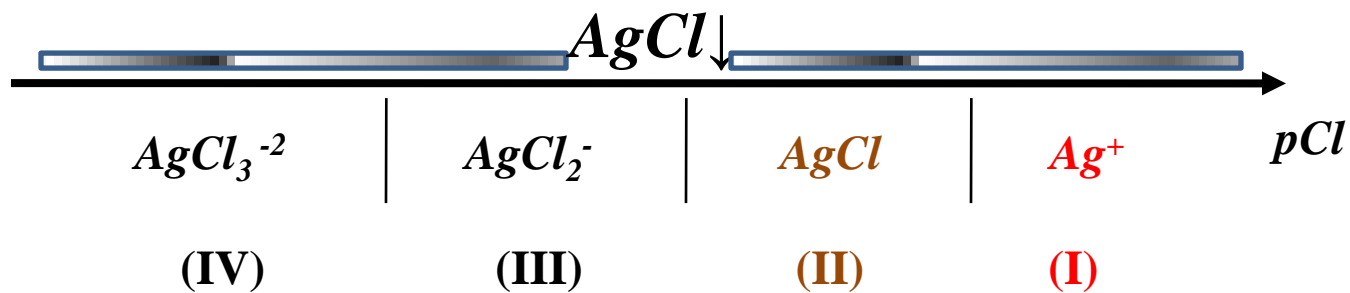
$$\log S' = -pK_s + p\text{Cl} + \log (1 + 10^{3.1-p\text{Cl}} + 10^{5.1-2p\text{Cl}} + 10^{6.1-3p\text{Cl}})$$

*Reducción del polinomio por sendas zonas de predominio:*



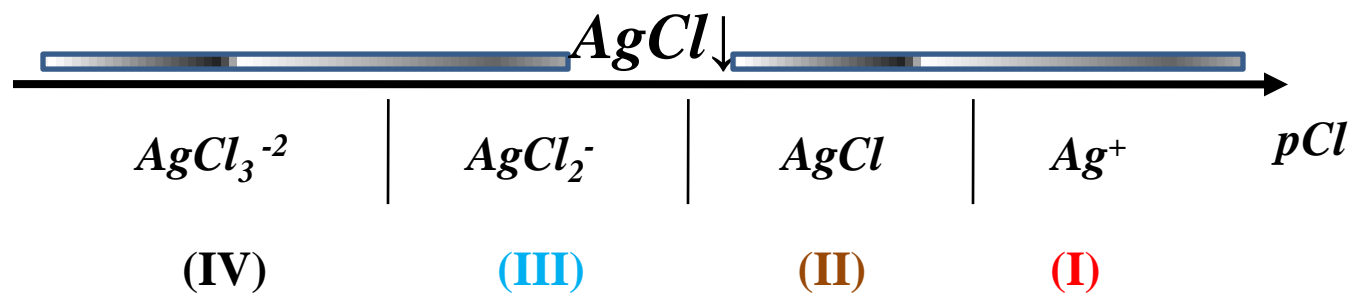
$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$

*Reducción del polinomio por sendas zonas de predominio:*



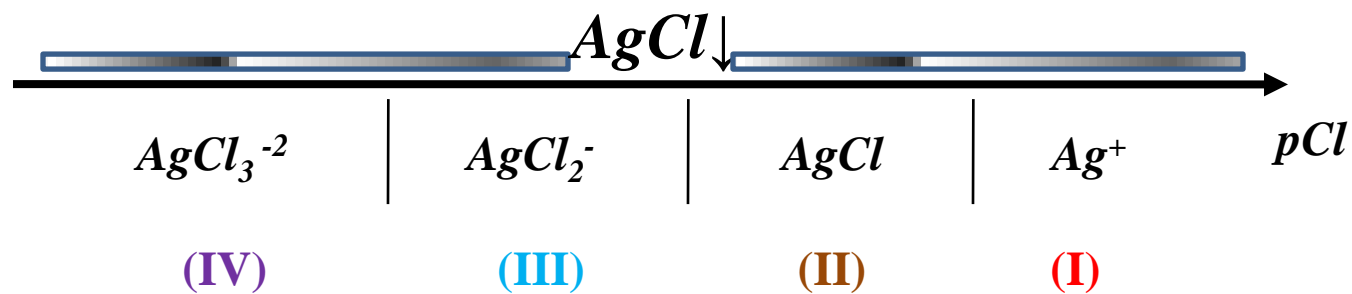
$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$

*Reducción del polinomio por sendas zonas de predominio:*



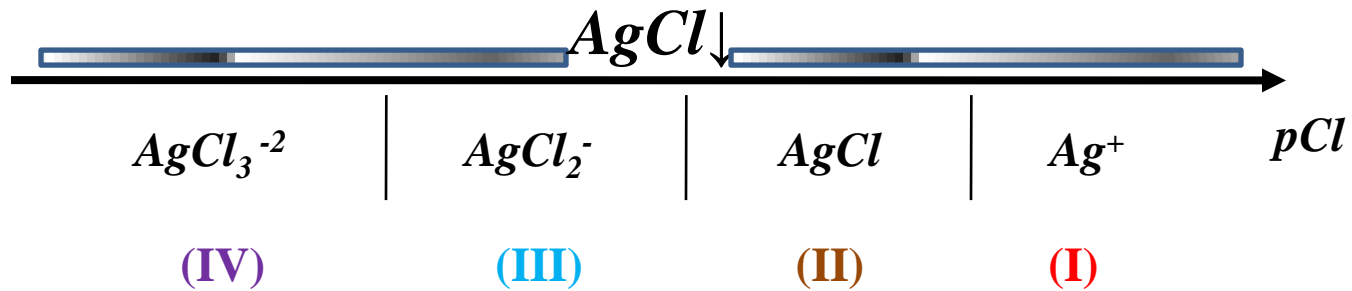
$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$

*Reducción del polinomio por sendas zonas de predominio:*



$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$

*Reducción del polinomio por sendas zonas de predominio:*

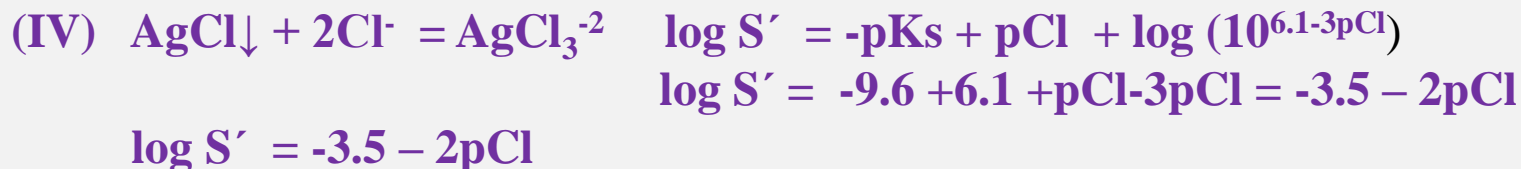
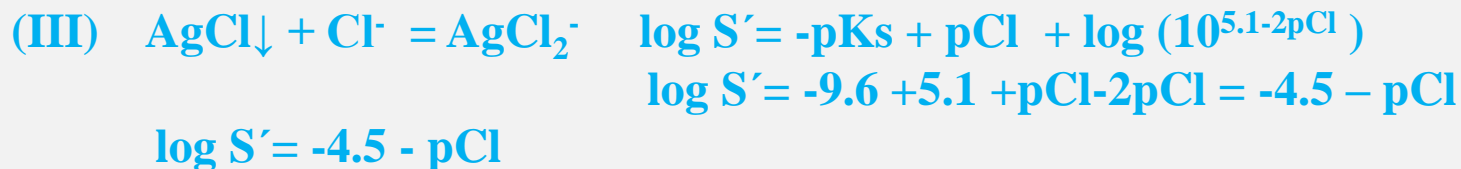


$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$

$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$

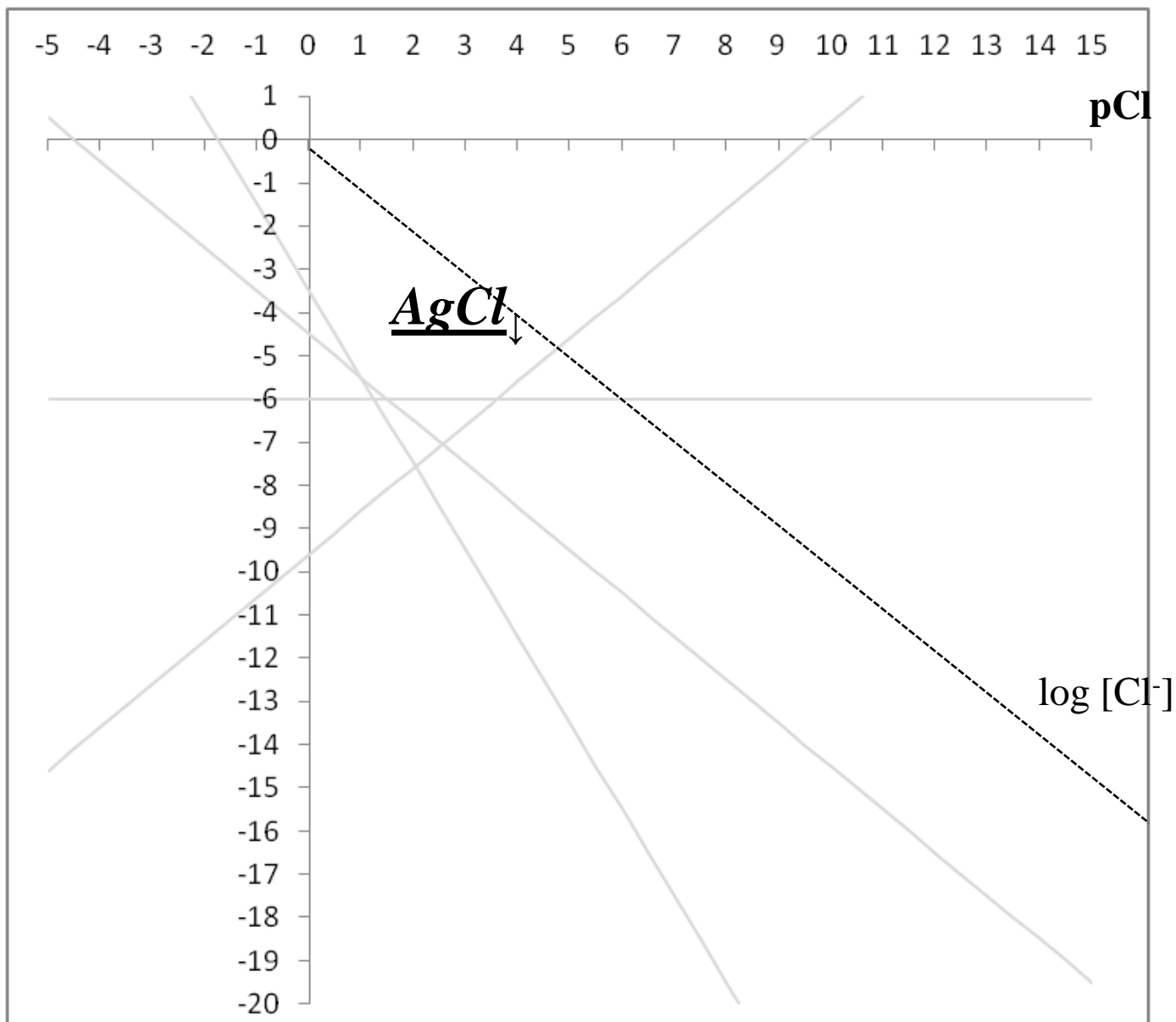
$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$

$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl})$$



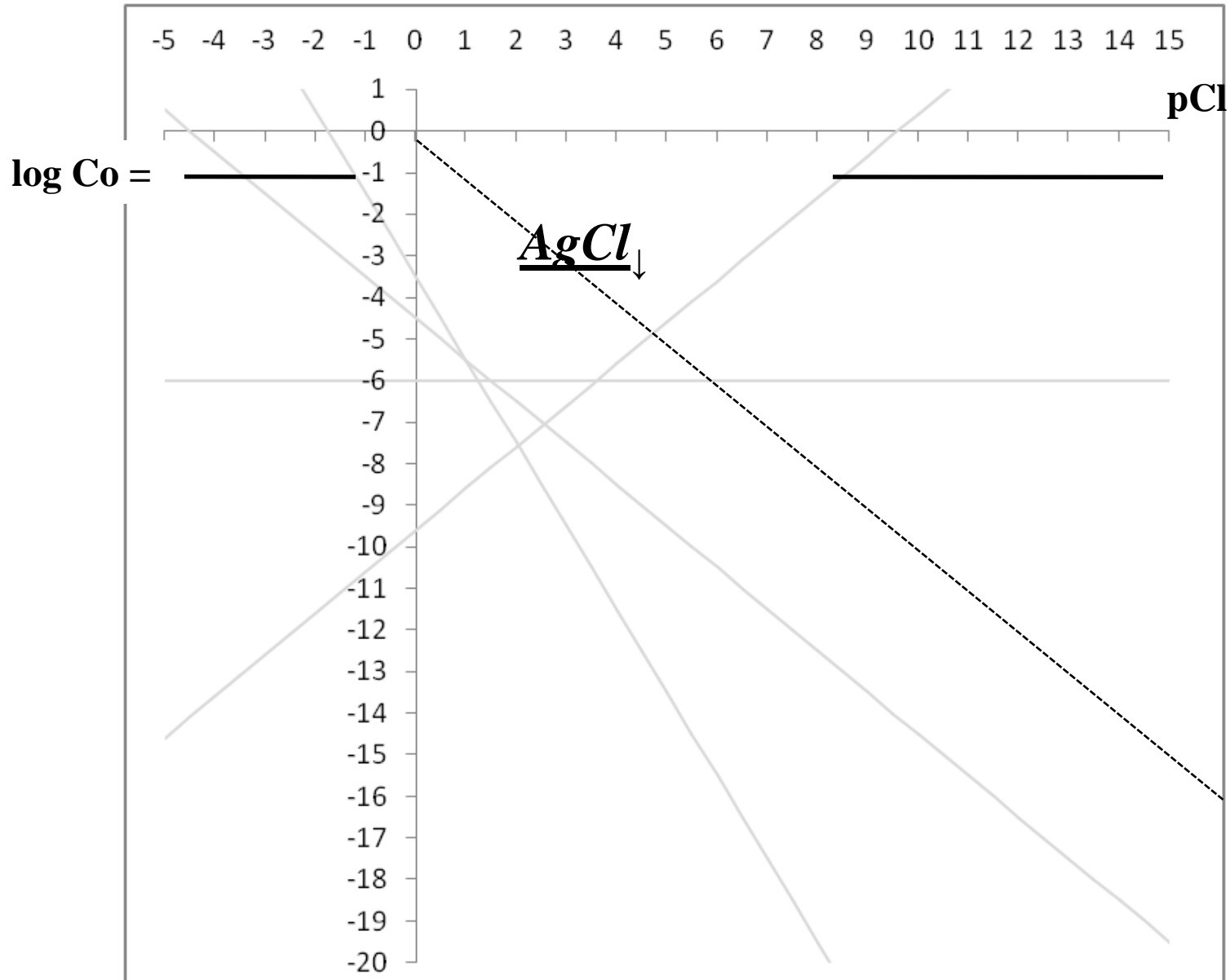


$\log [Ag^+] = \log S = f(pH):$



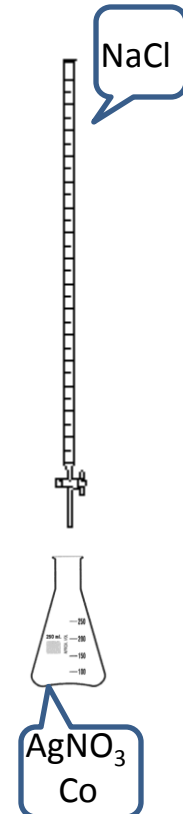
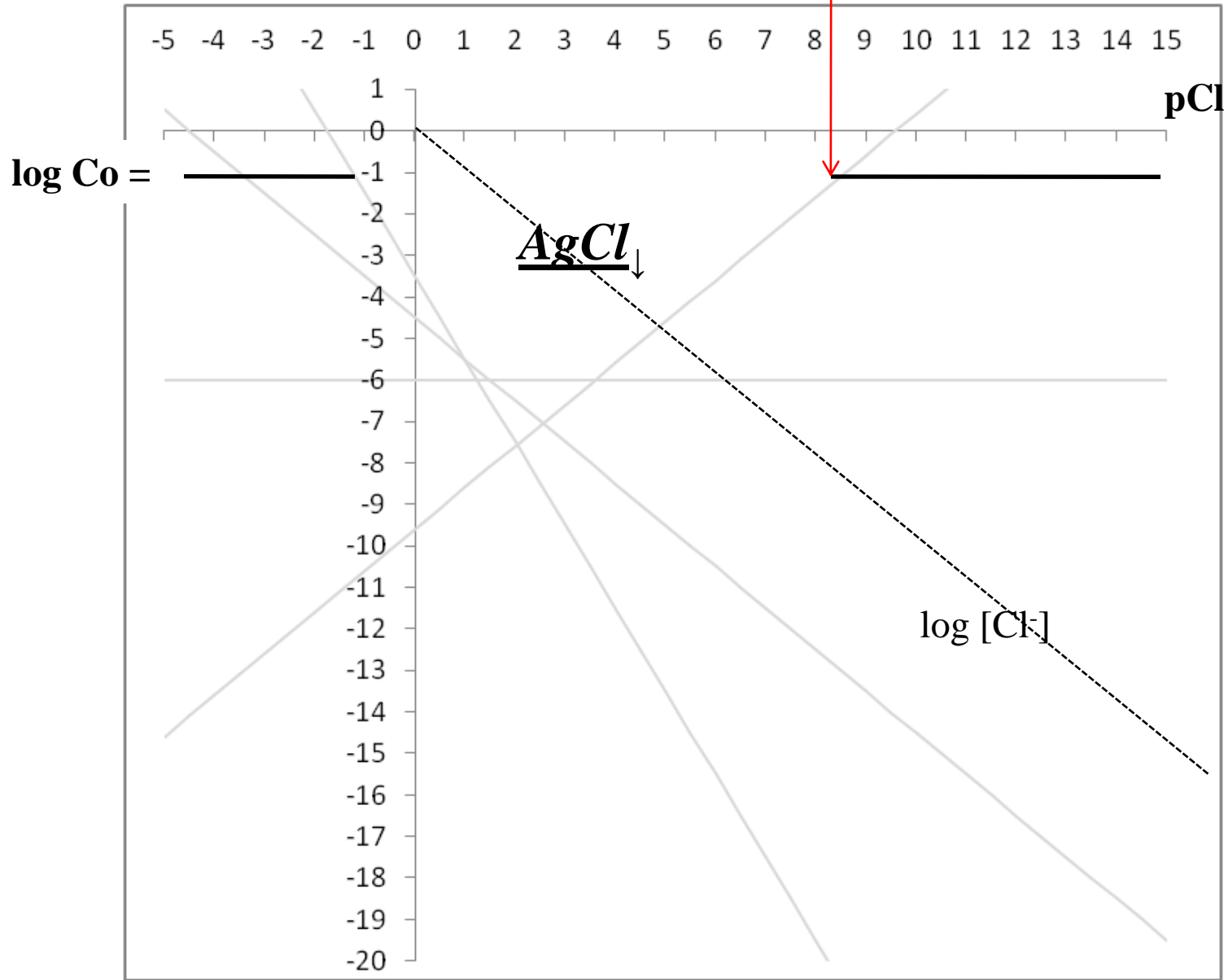
$\log [Ag^+] = \log S = f(pH):$

(1)



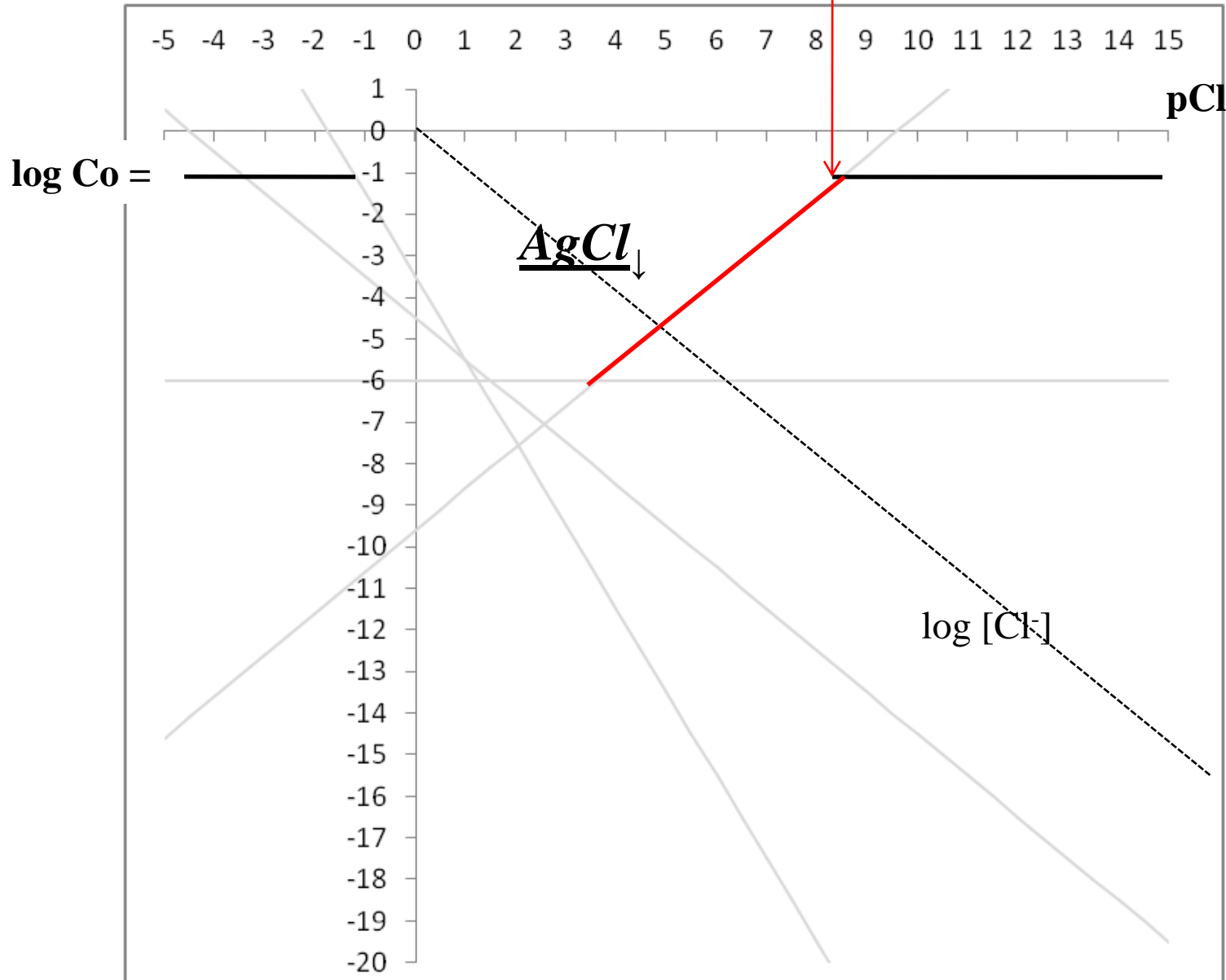
$\log [Ag^+] = \log S = f(pH):$

(1)



$$\log [Ag^+] = \log S = f(pH):$$

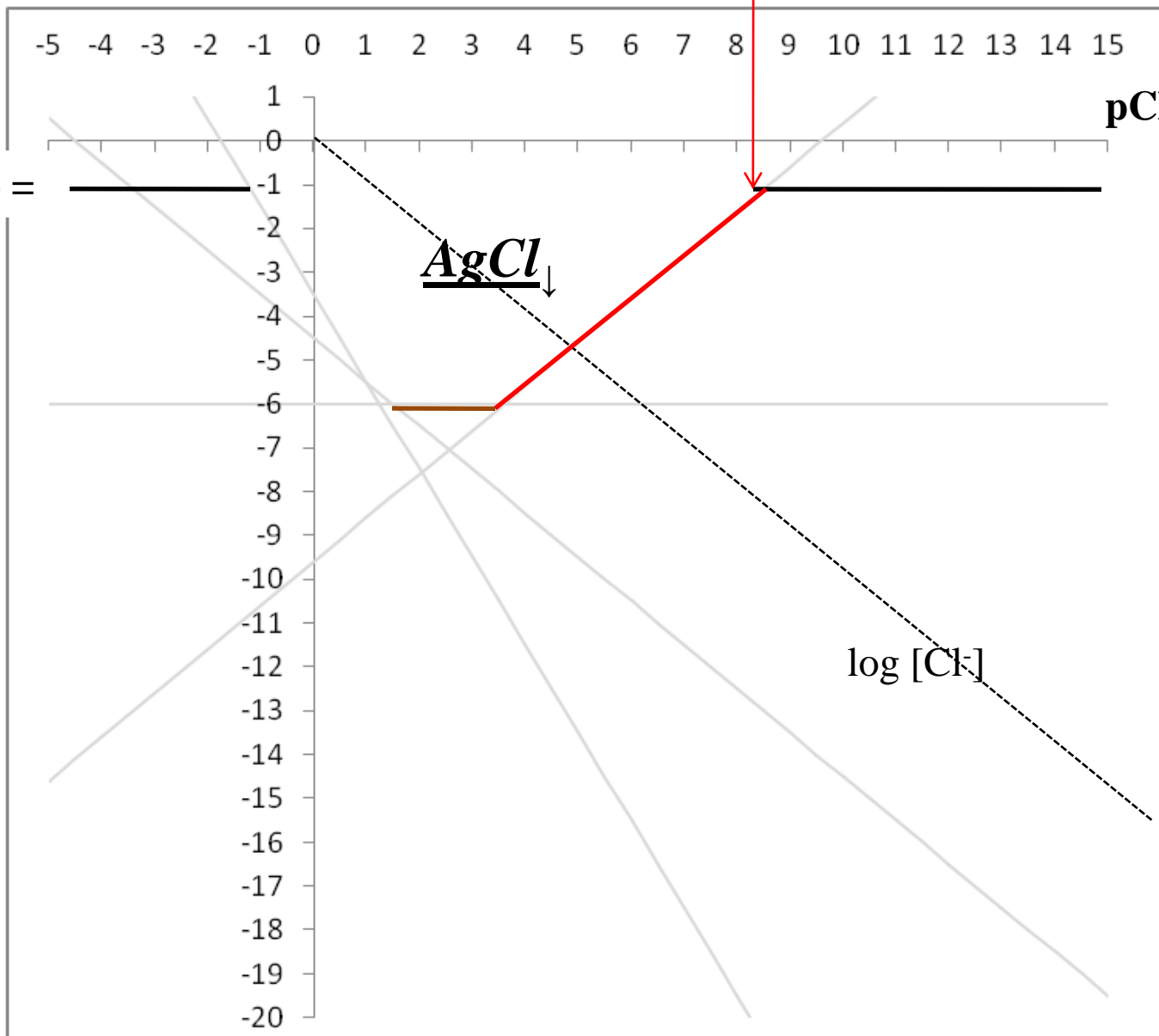
(1)



$\log [Ag^+] = \log S = f(pH):$

(1)

$\log C_0 =$

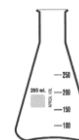
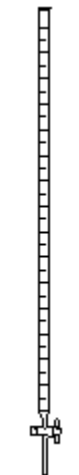
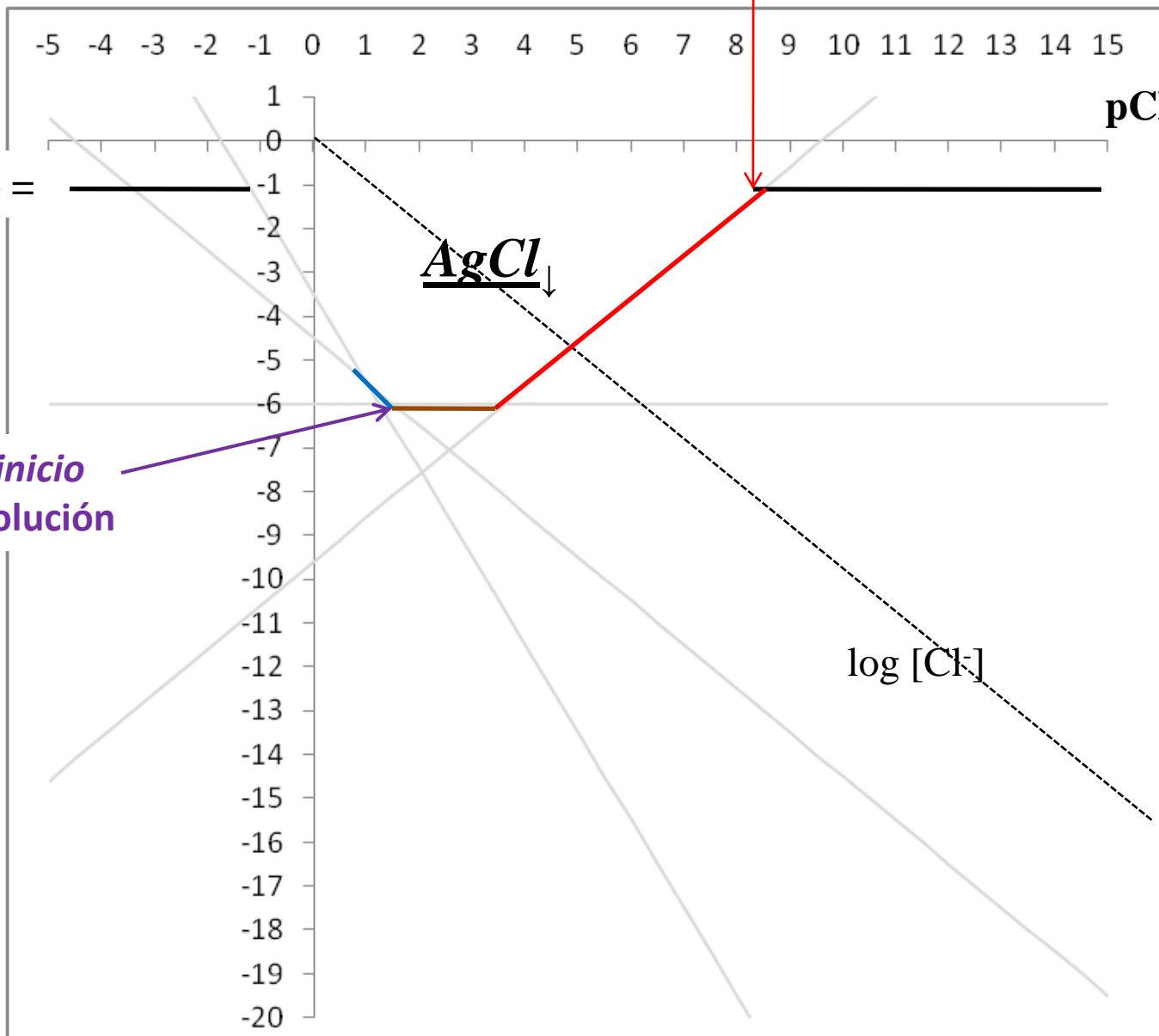


$\log [Ag^+] = \log S = f(pH):$

(1)

$\log C_o =$

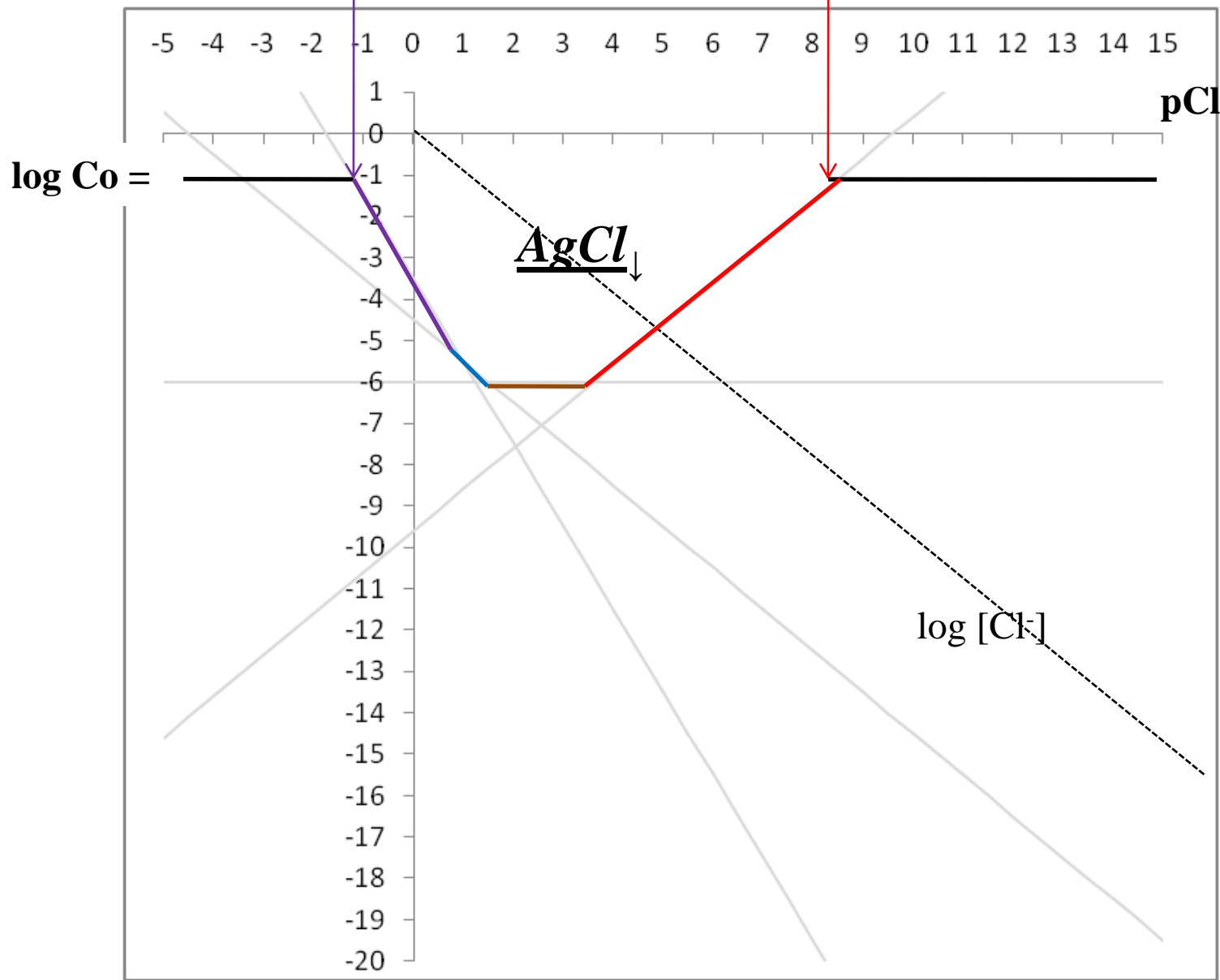
$pCl_{\uparrow}$  de inicio de redisolución

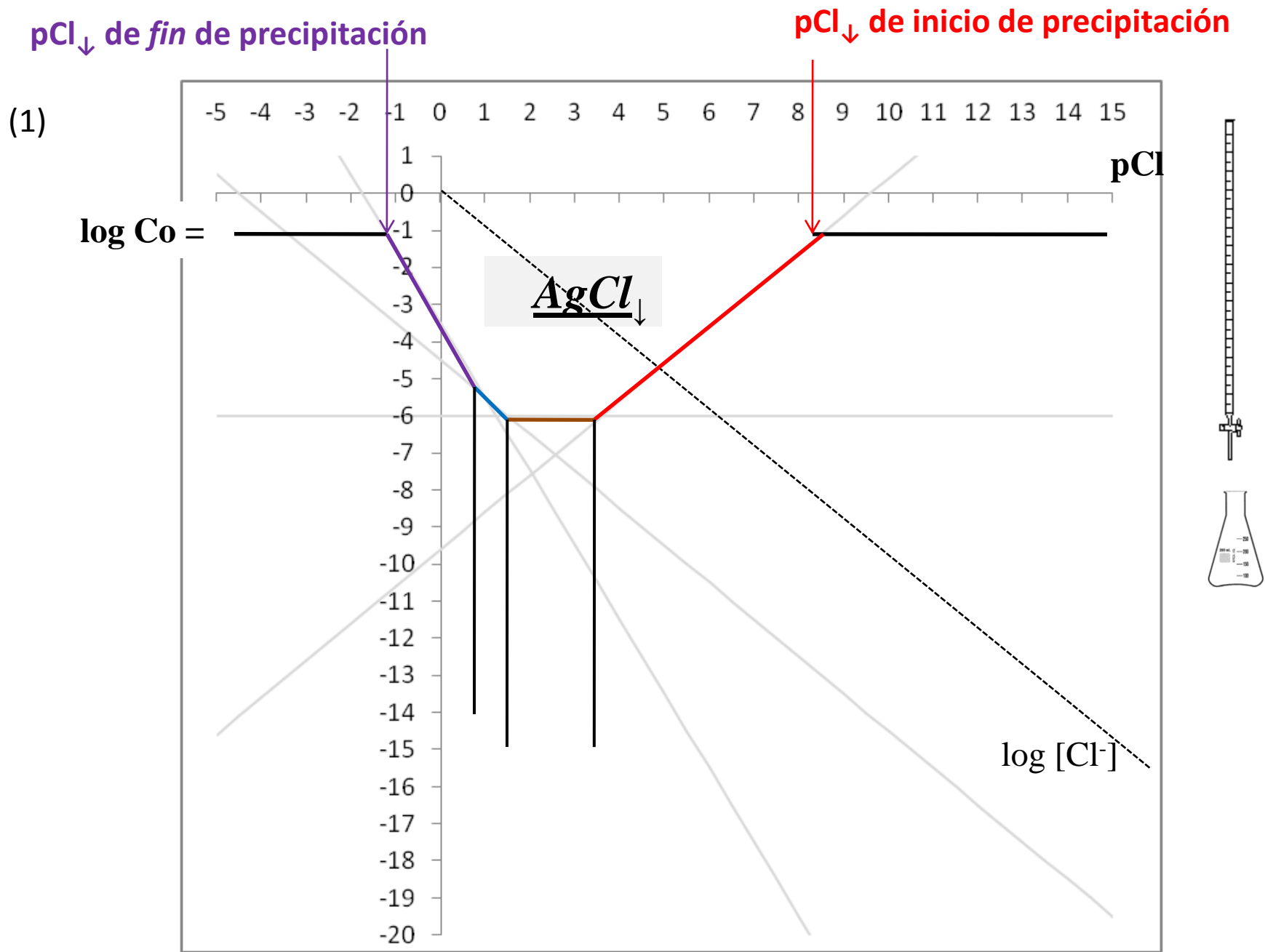


$pCl_{\downarrow}$  de fin de precipitación

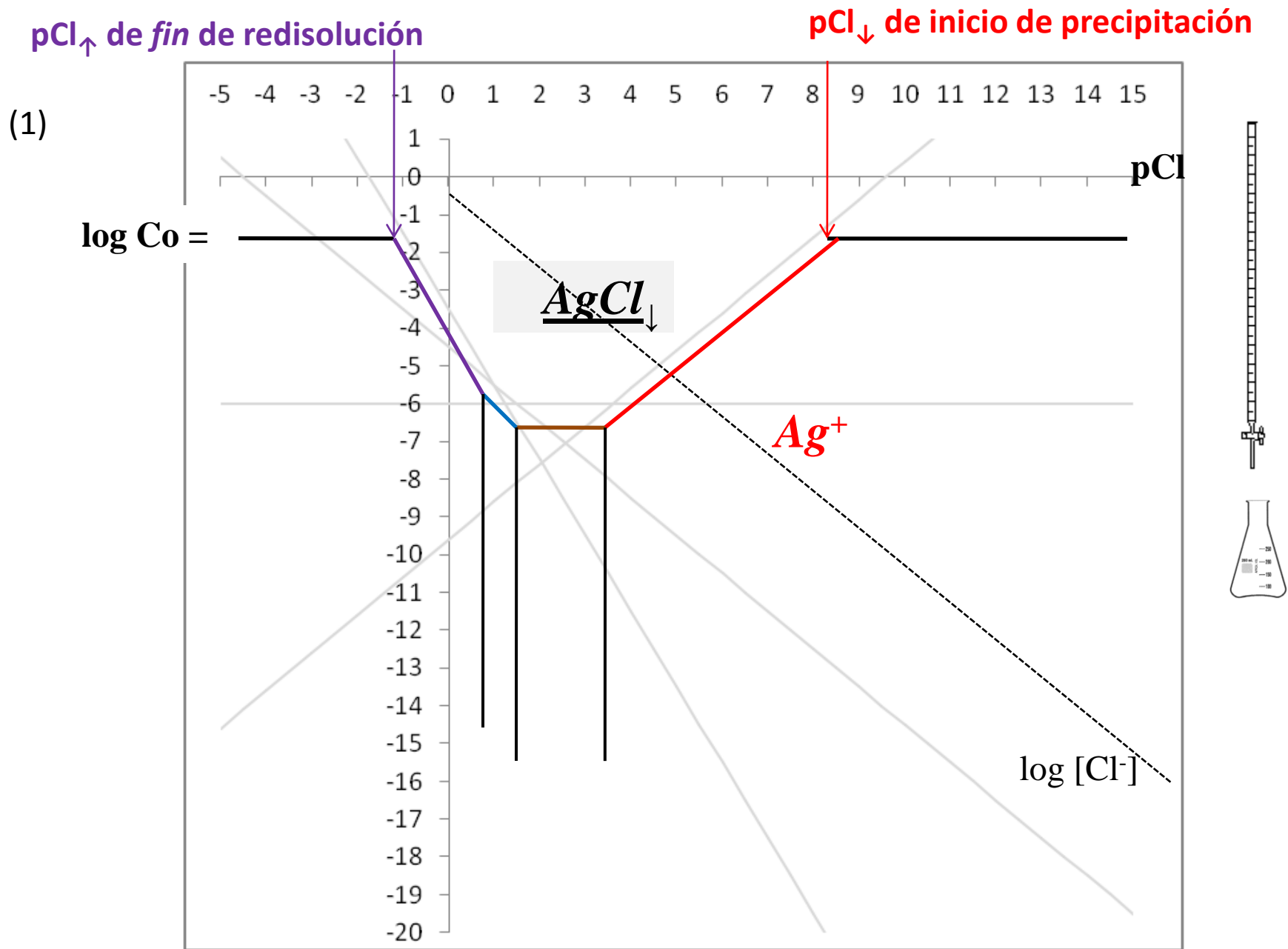
$pCl_{\downarrow}$  de inicio de precipitación

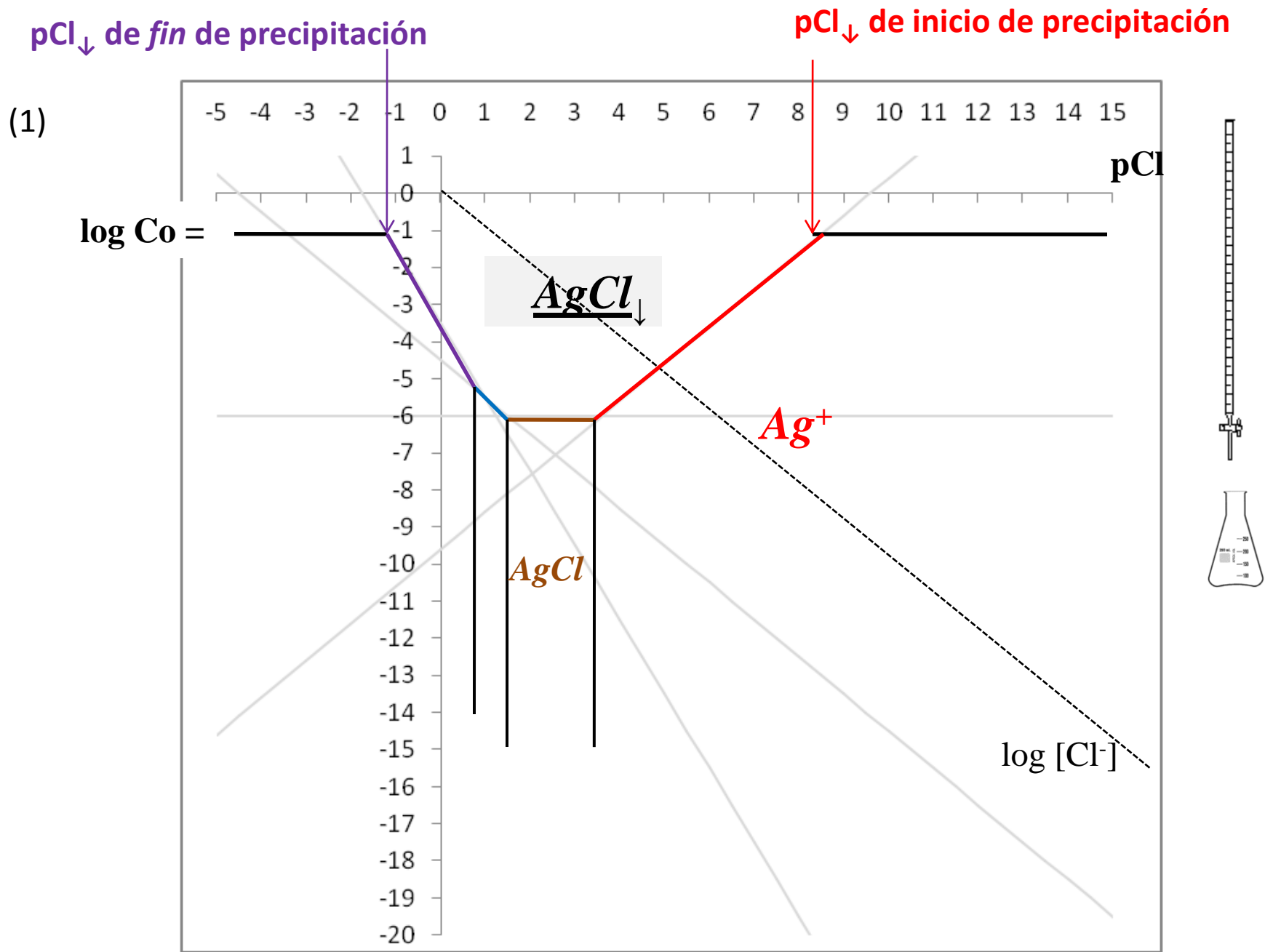
(1)

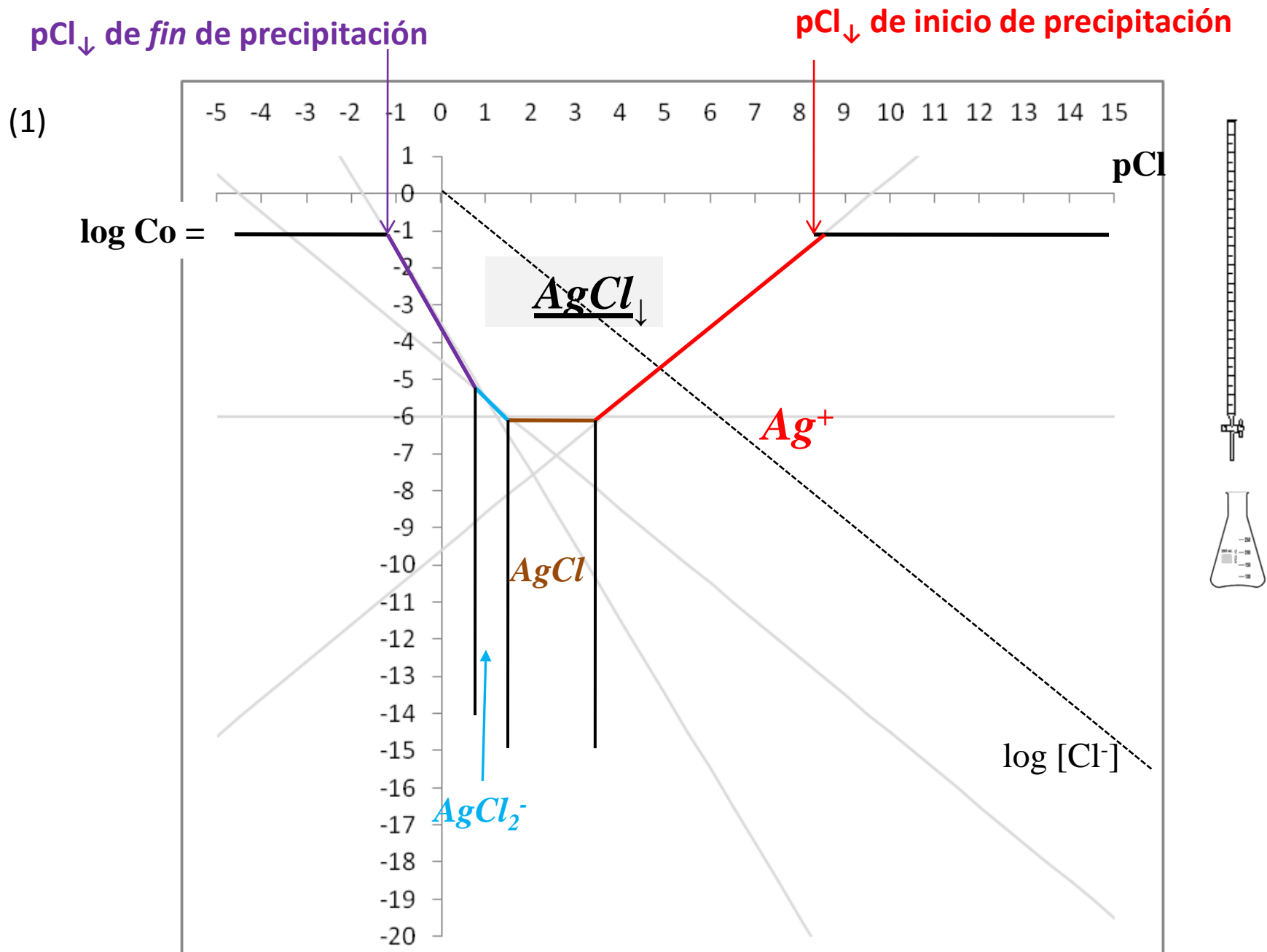


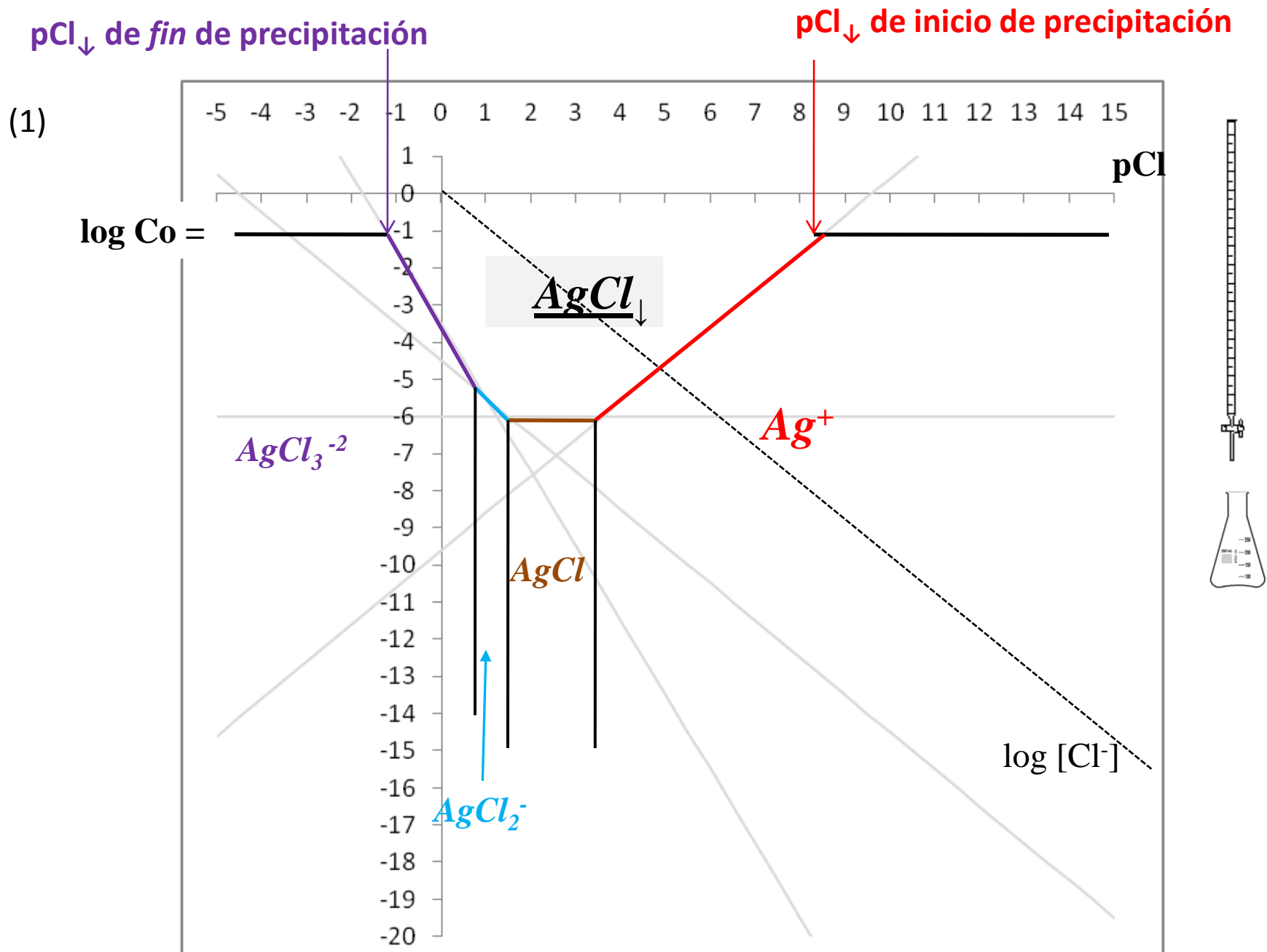


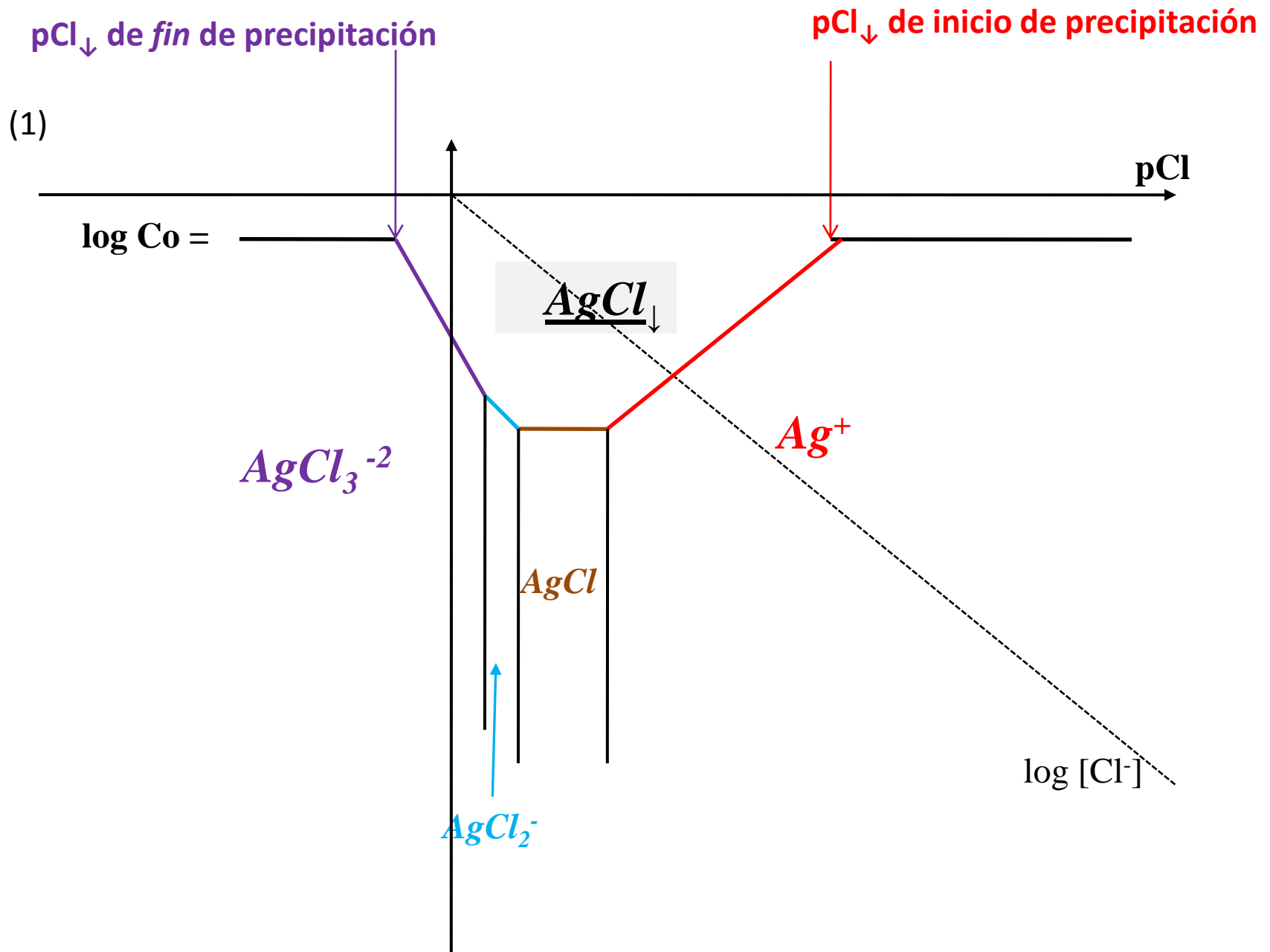




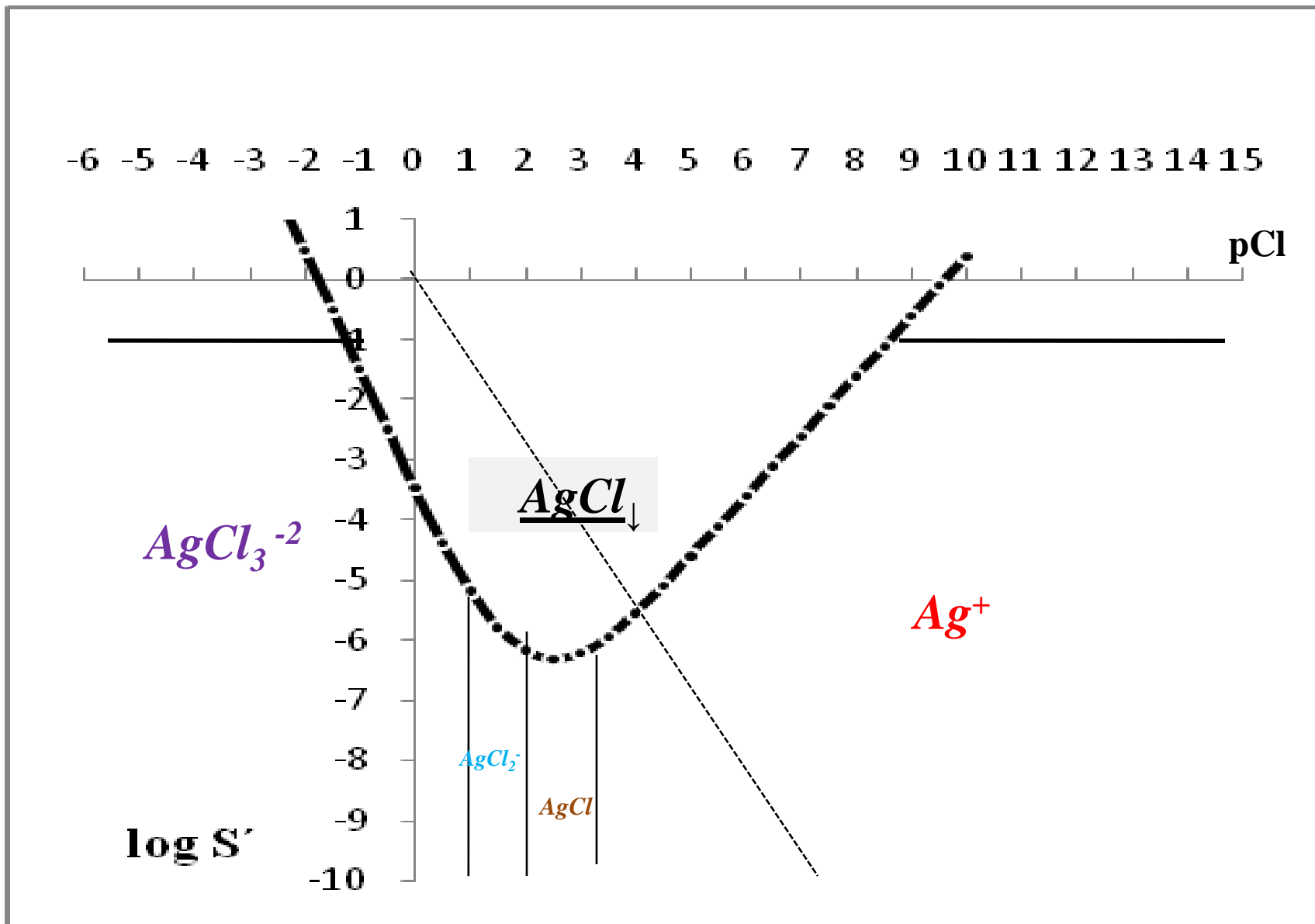




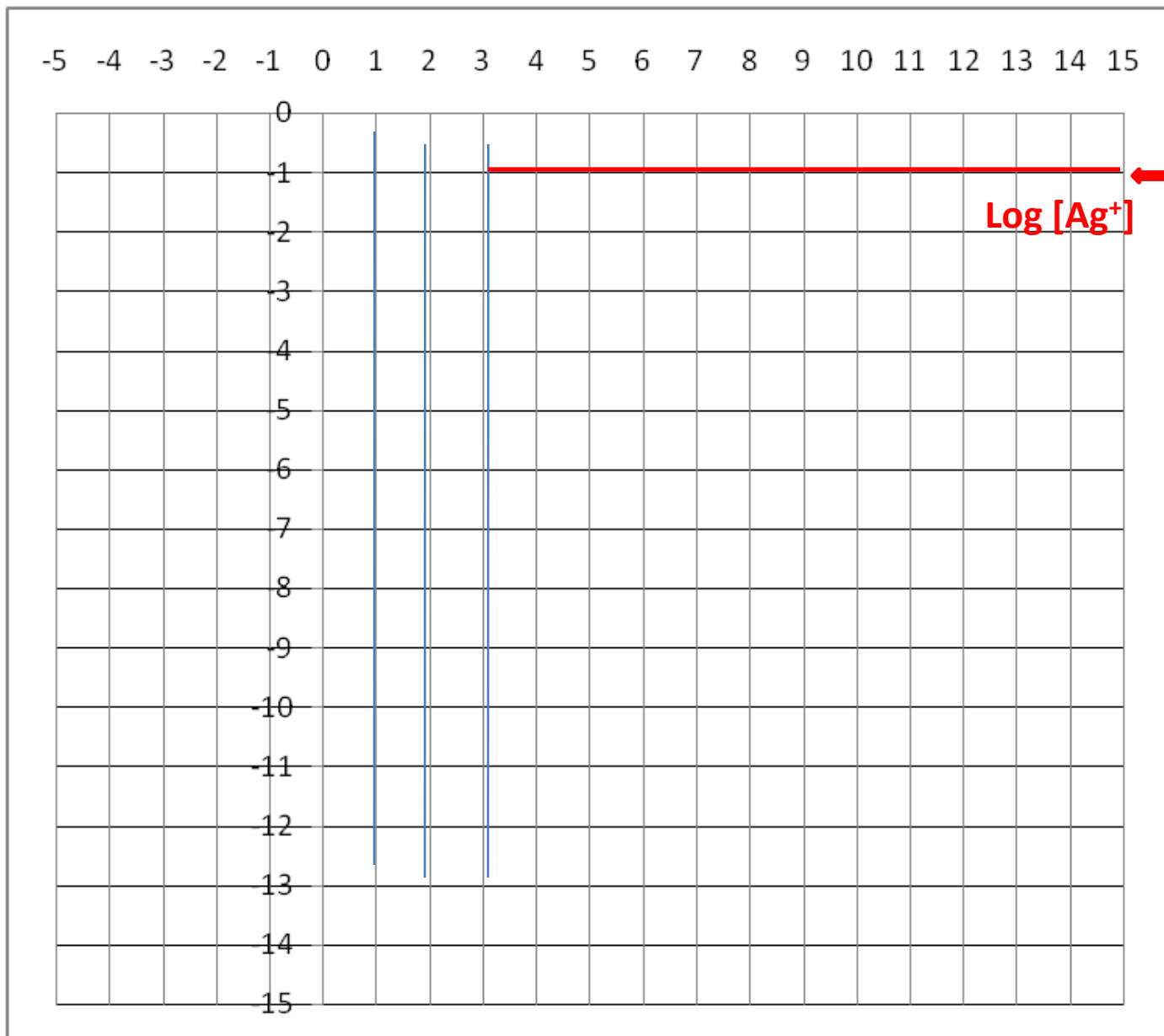




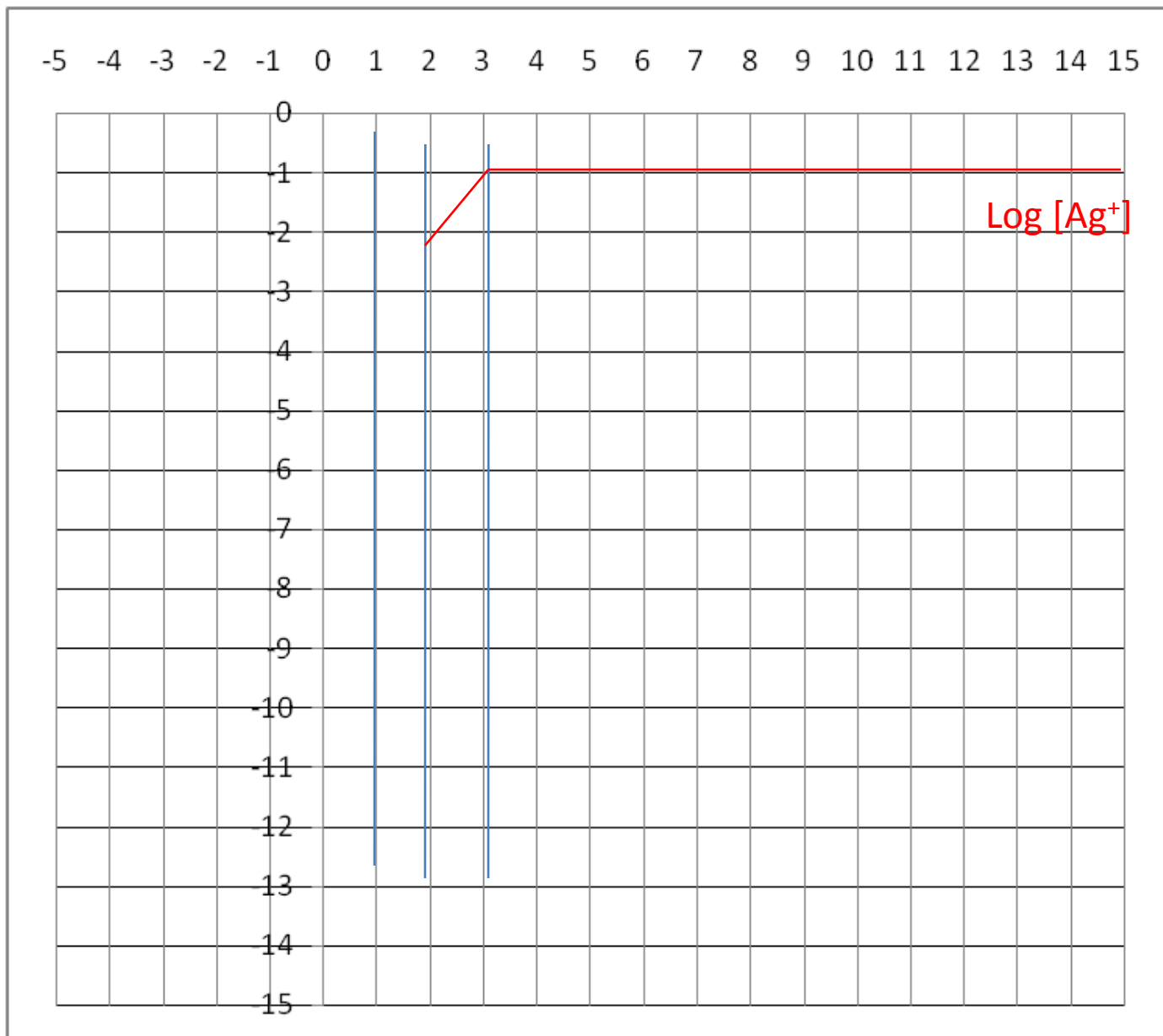
$$\log S' = -pK_s + pCl + \log (1 + 10^{3.1-pCl} + 10^{5.1-2pCl} + 10^{6.1-3pCl}) :$$



# Diagrama homogéneo:

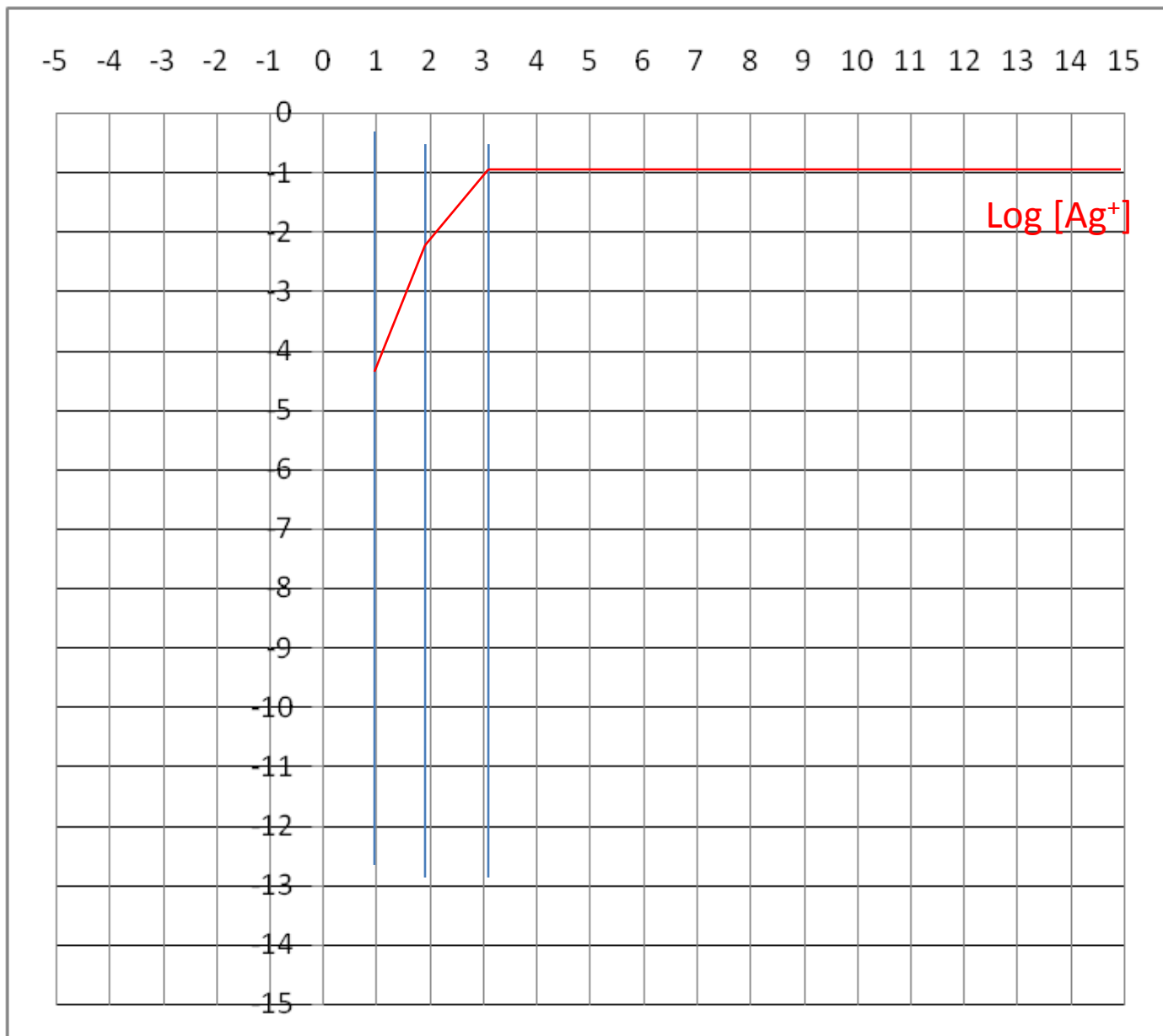


# Diagrama homogéneo:





# Diagrama homogéneo:



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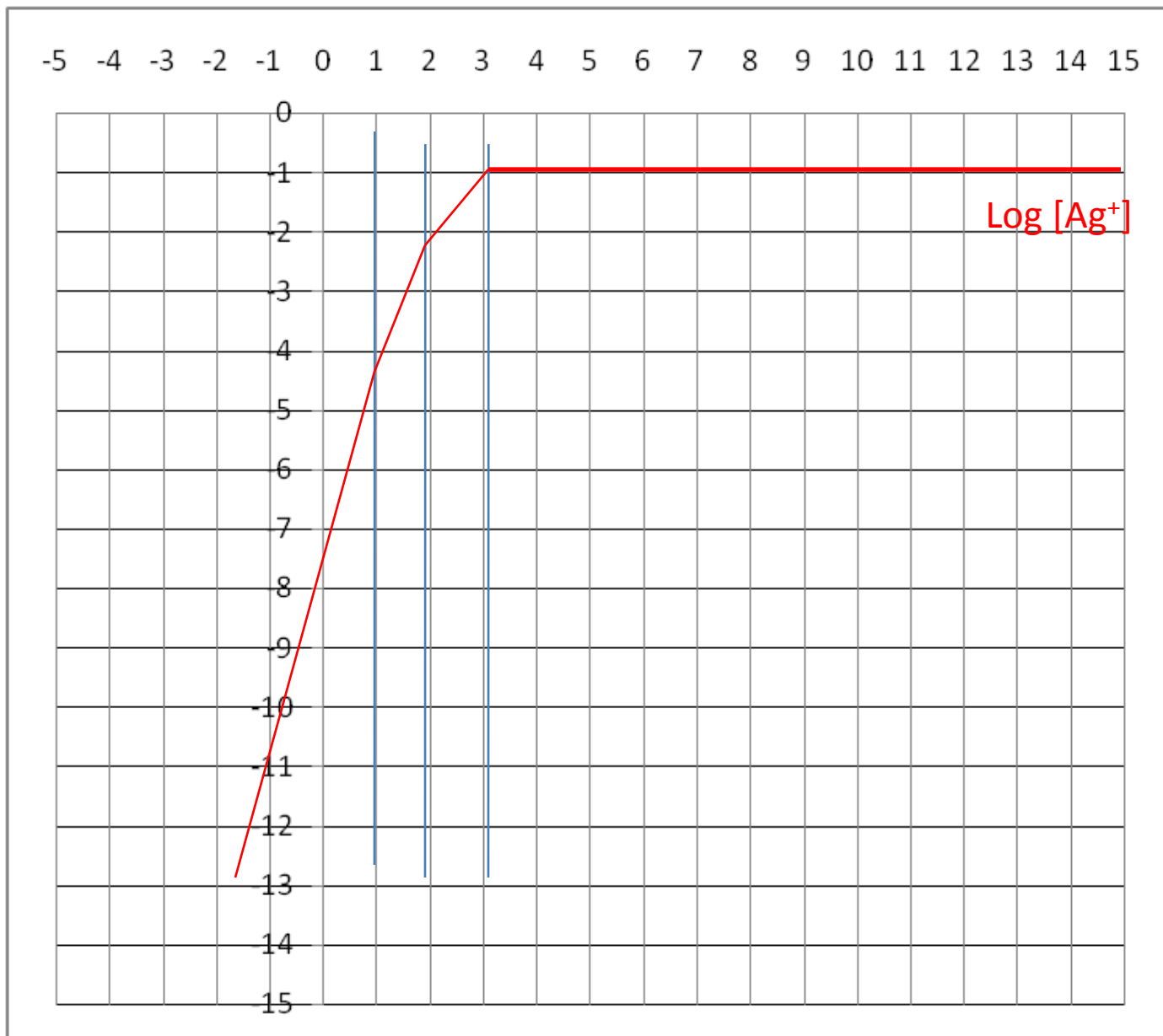


Diagrama homogéneo:

**Log [AgCl]**

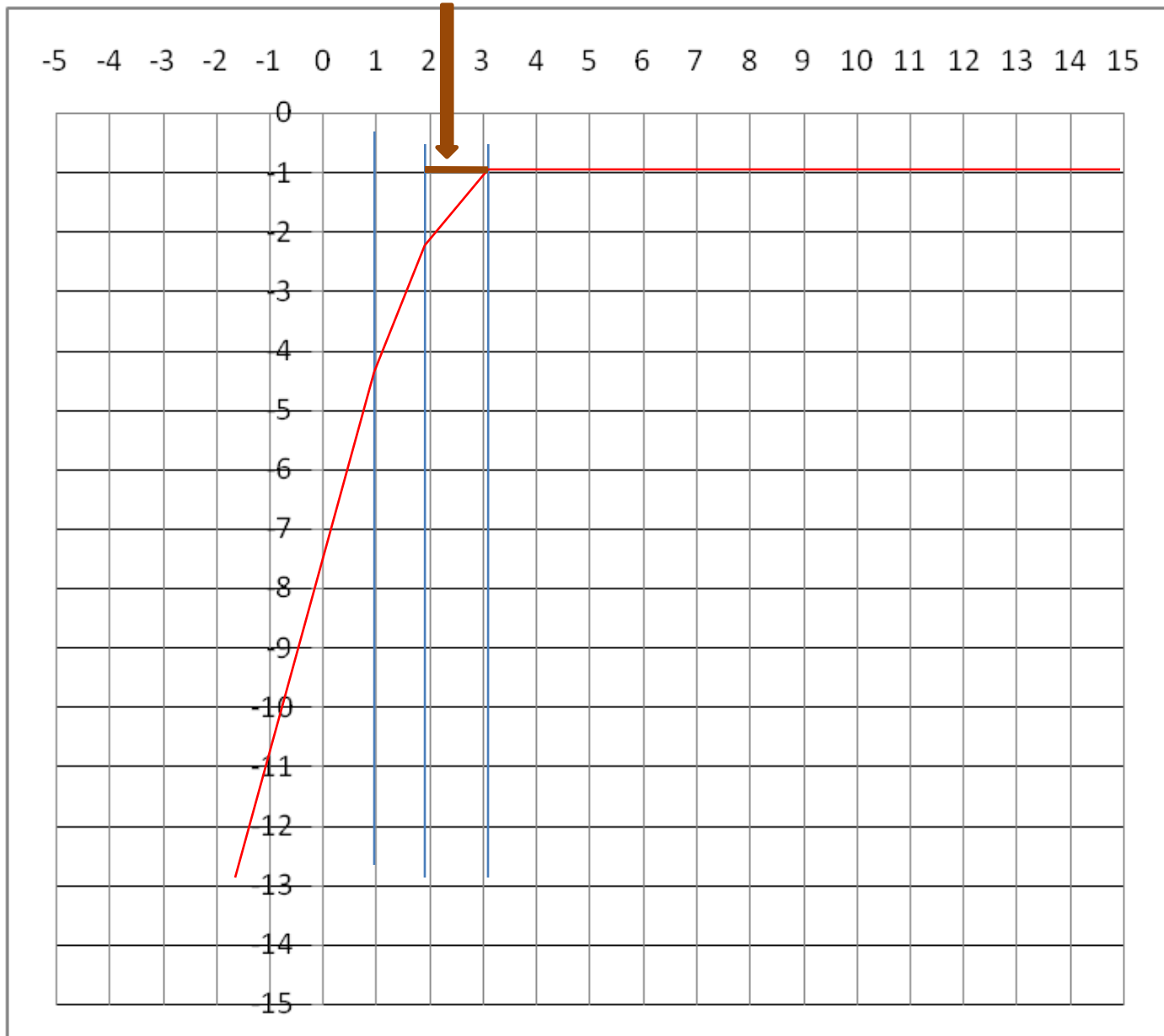


Diagrama homogéneo:

**Log [AgCl]**

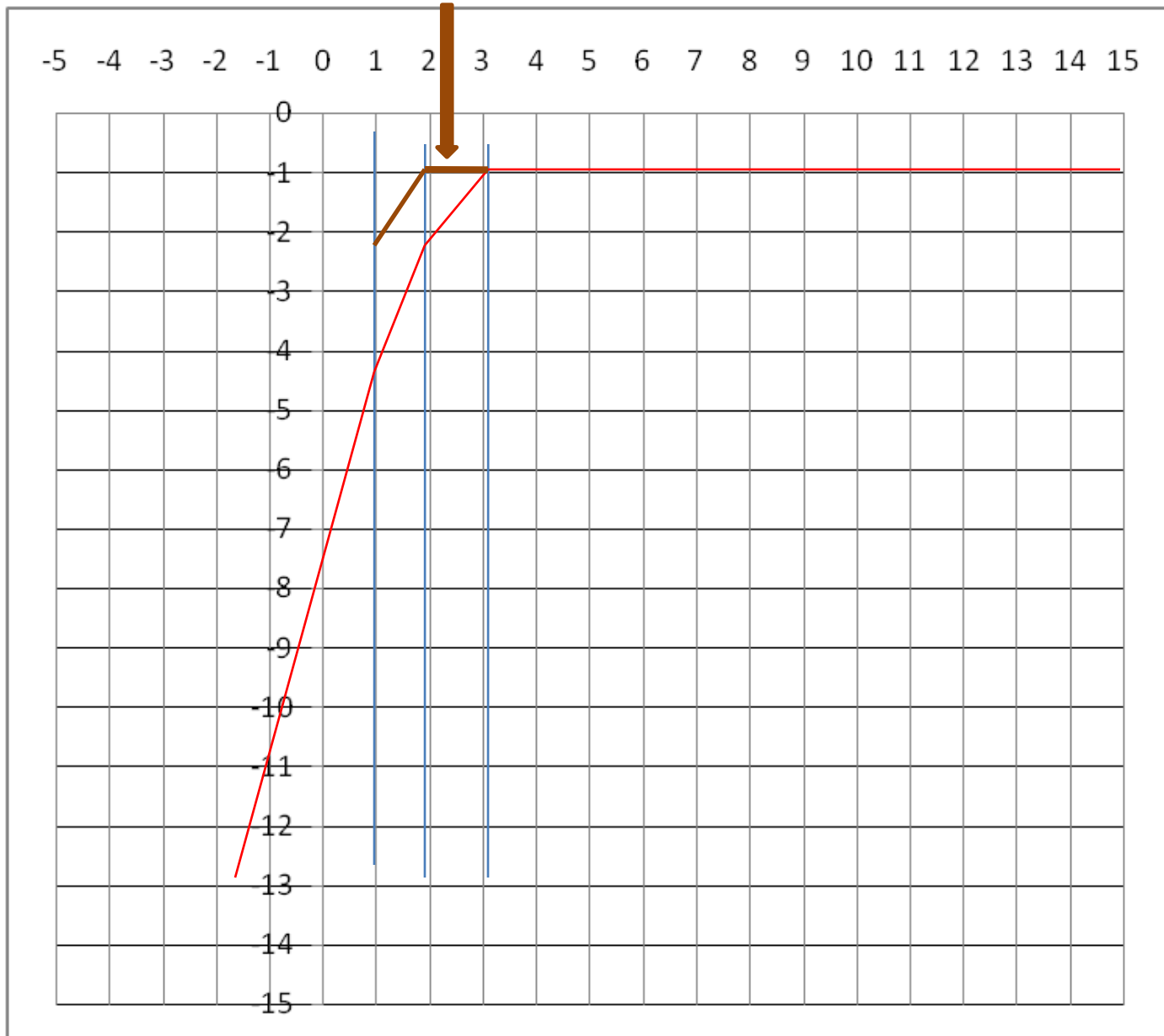


Diagrama homogéneo:

Log [AgCl]

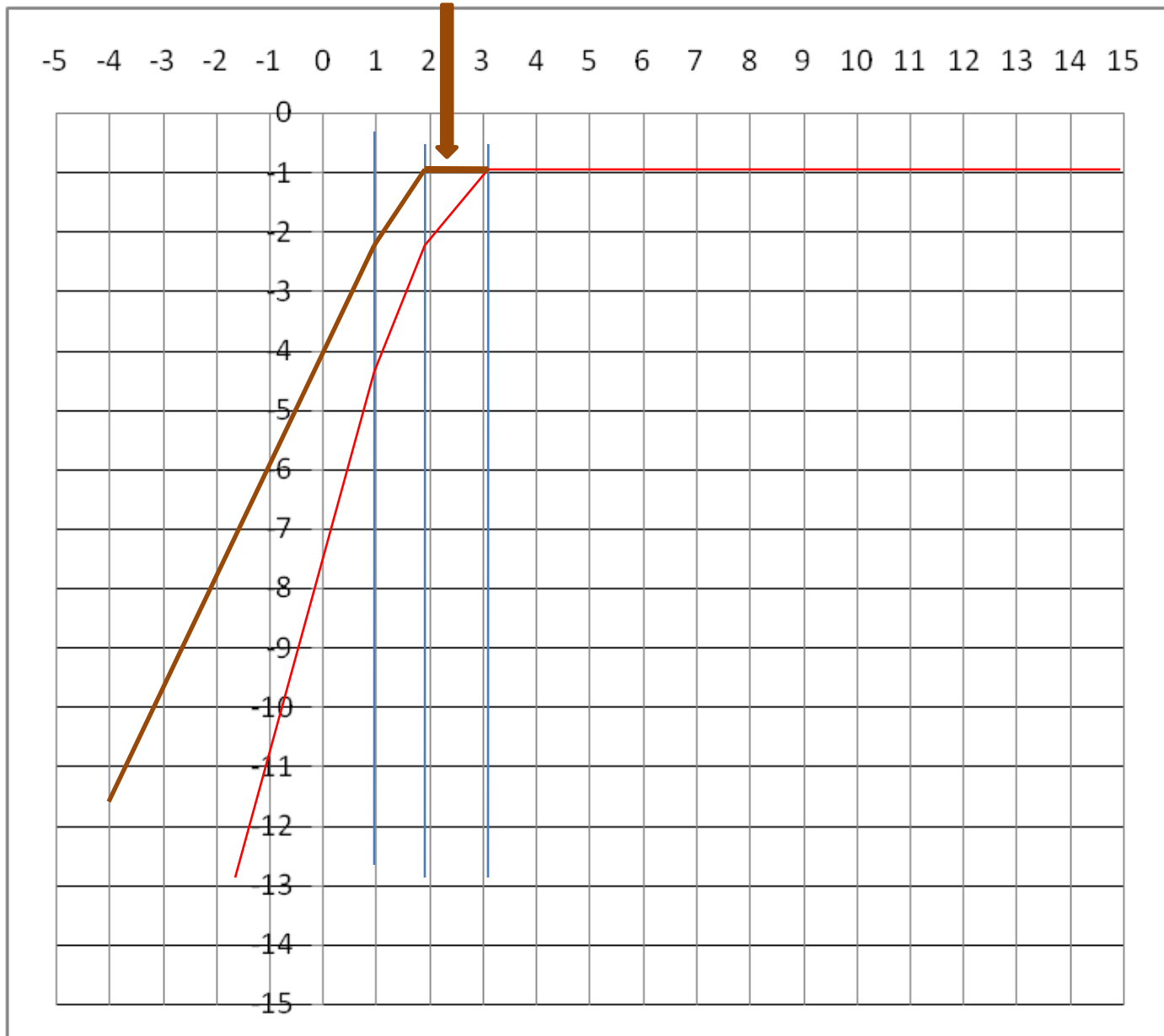
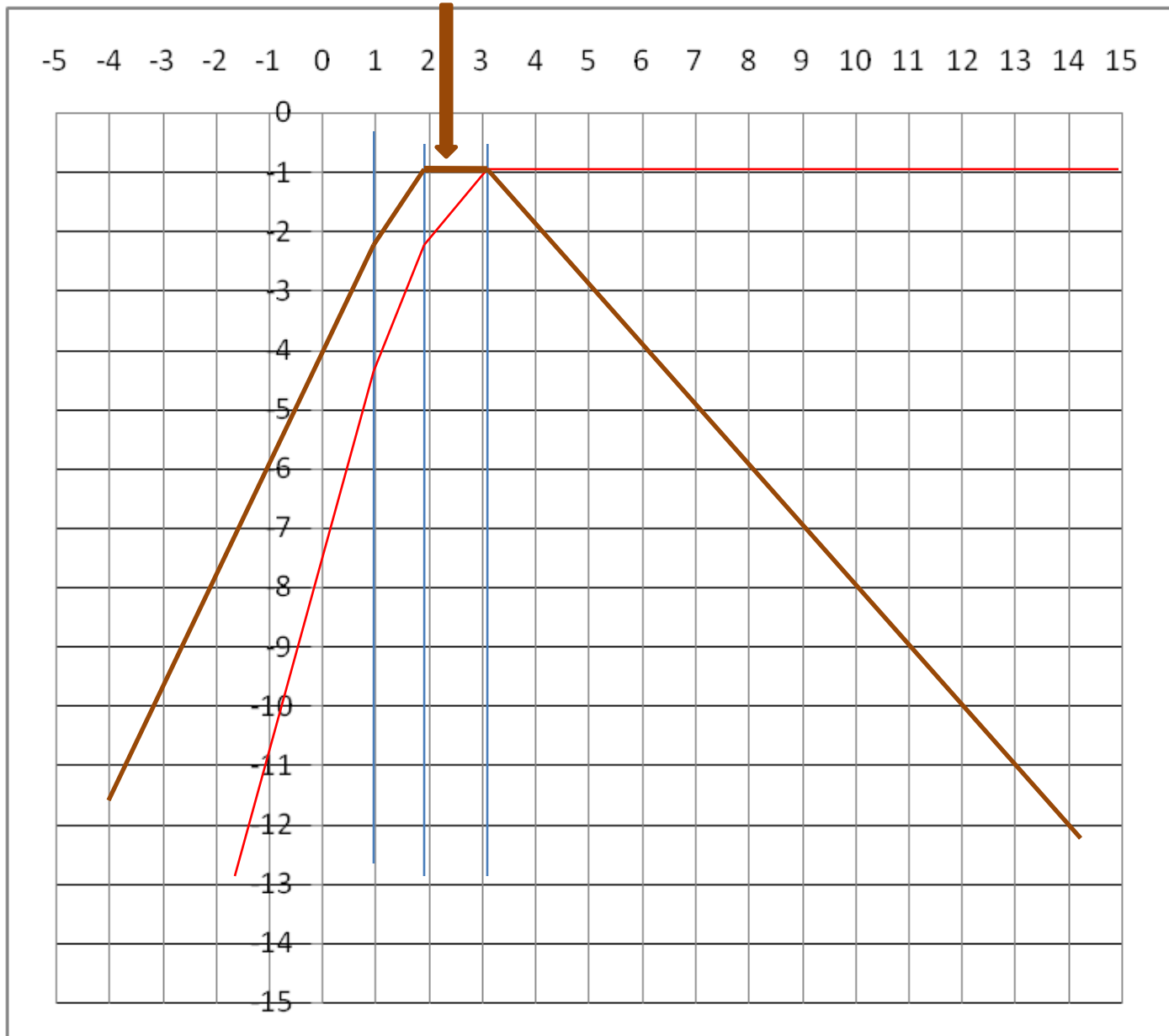
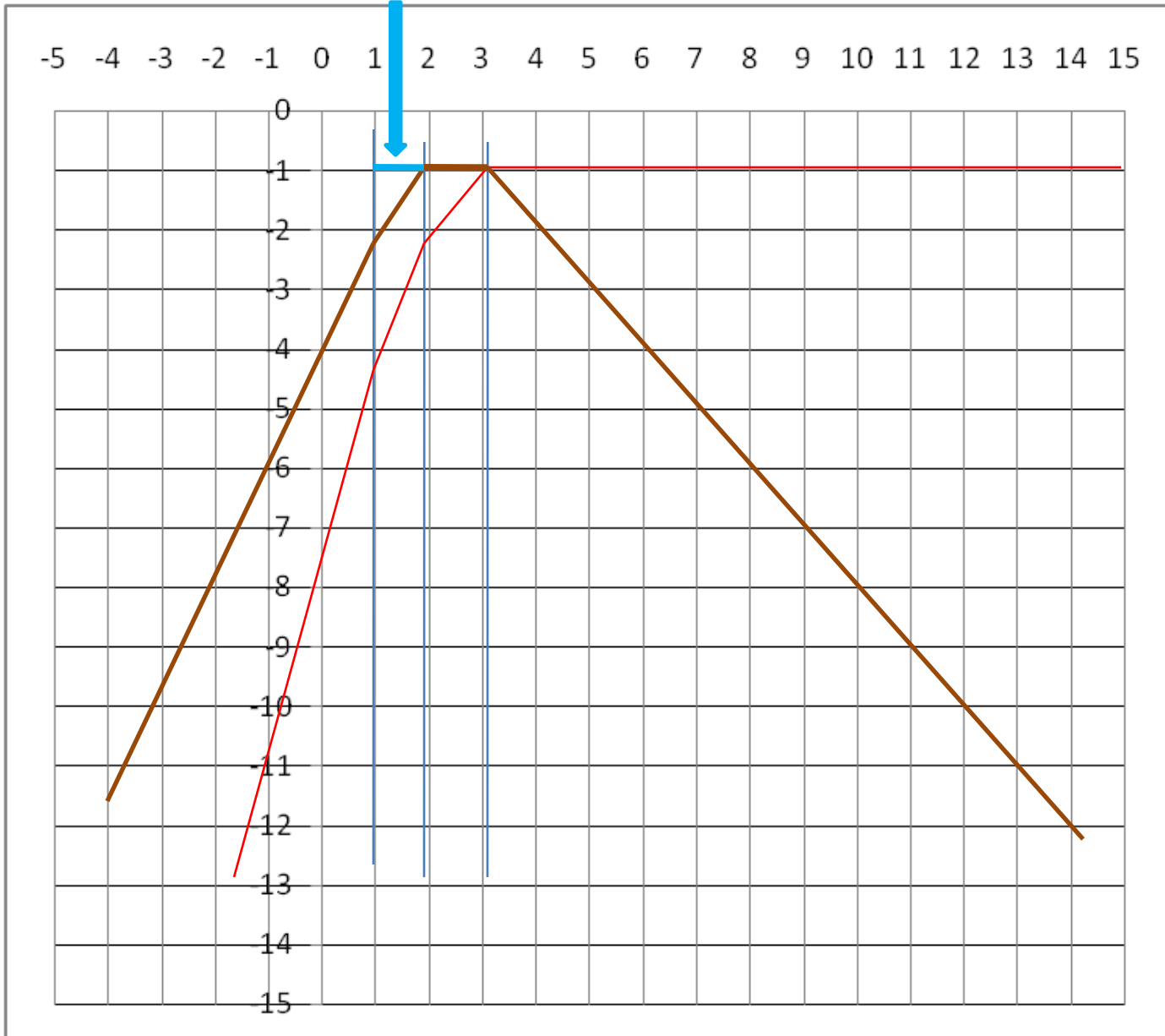


Diagrama homogéneo:

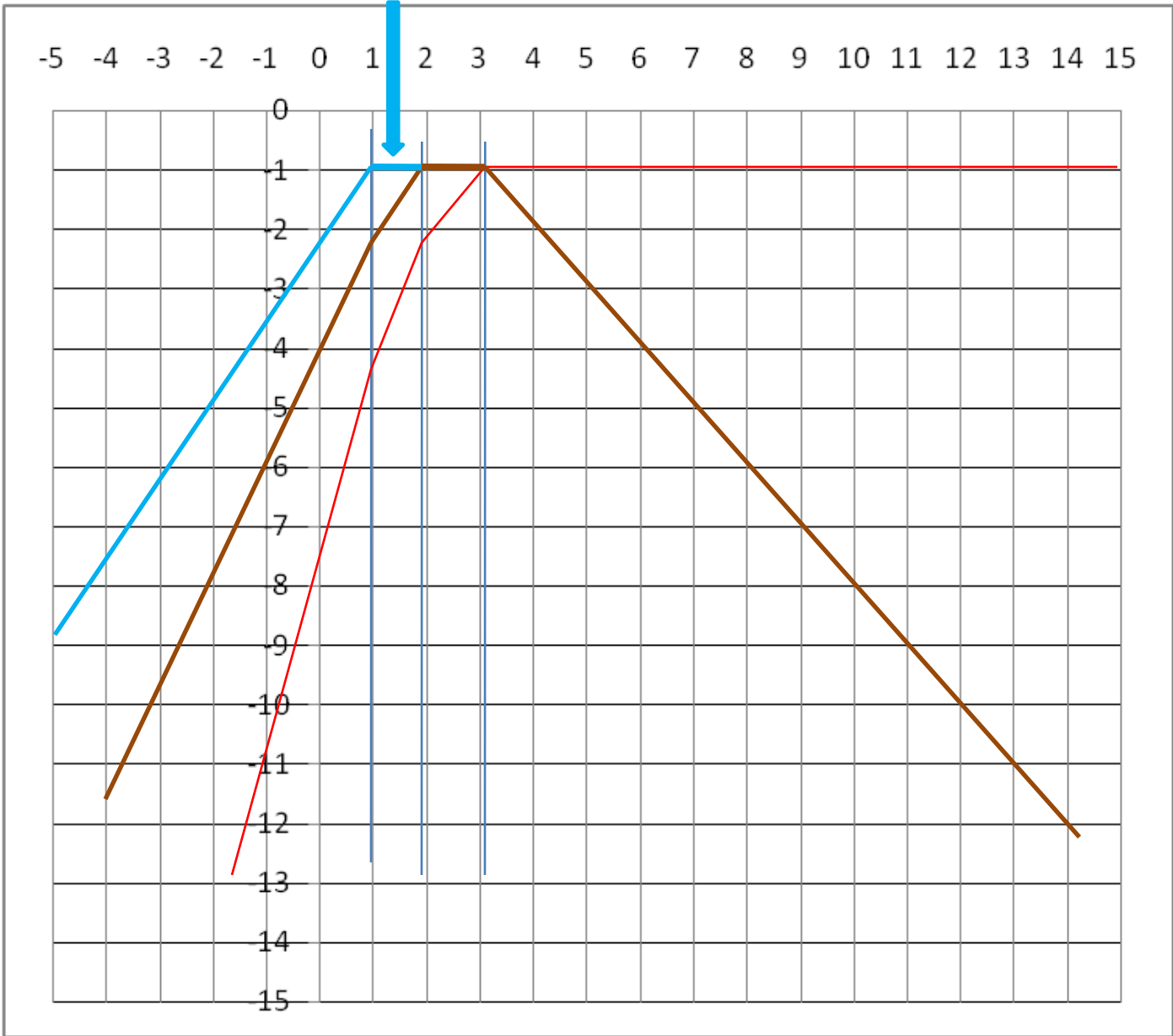
Log [AgCl]



Log [AgCl<sub>2</sub><sup>-</sup>]

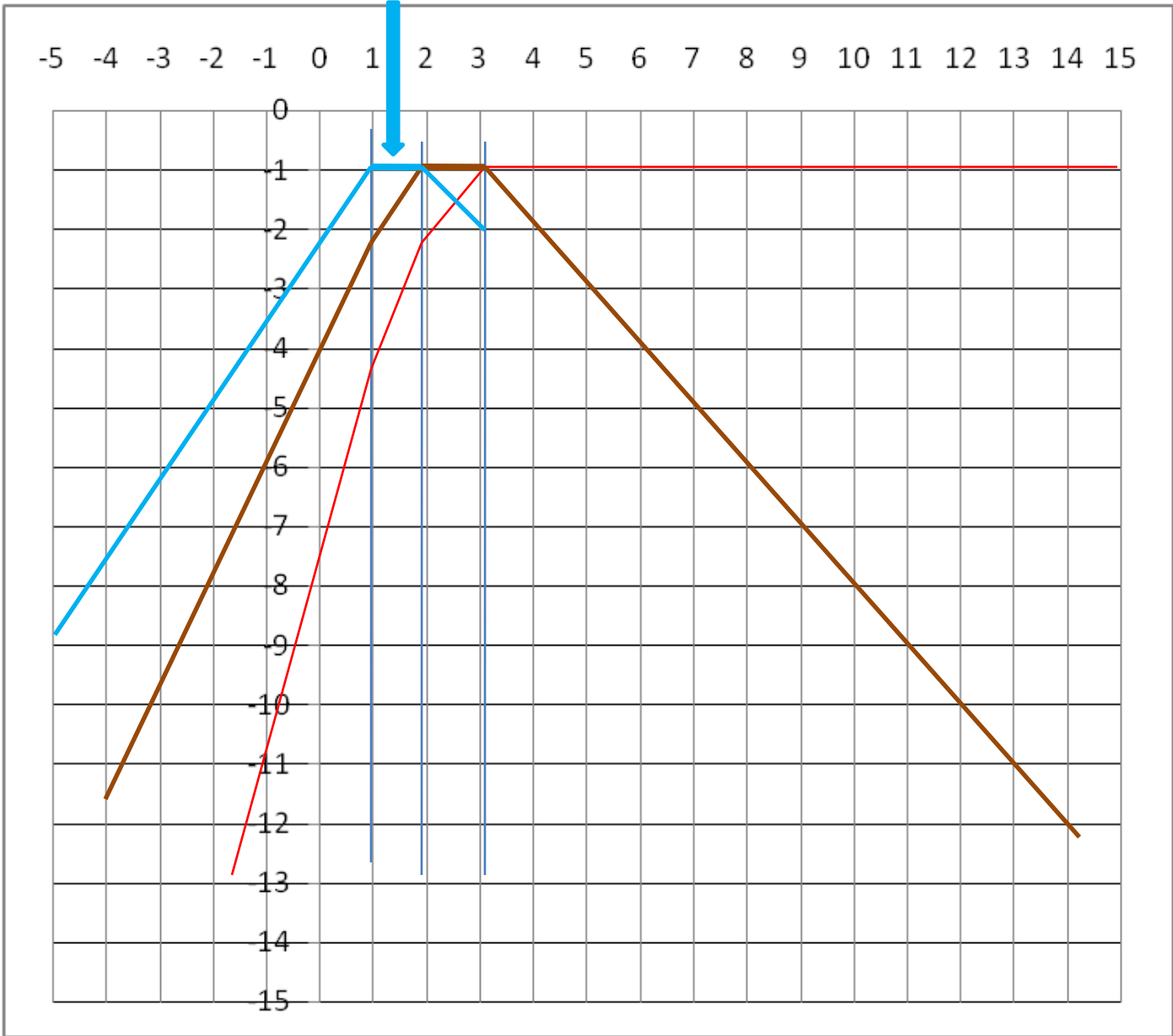


Log [AgCl<sub>2</sub><sup>-</sup>]

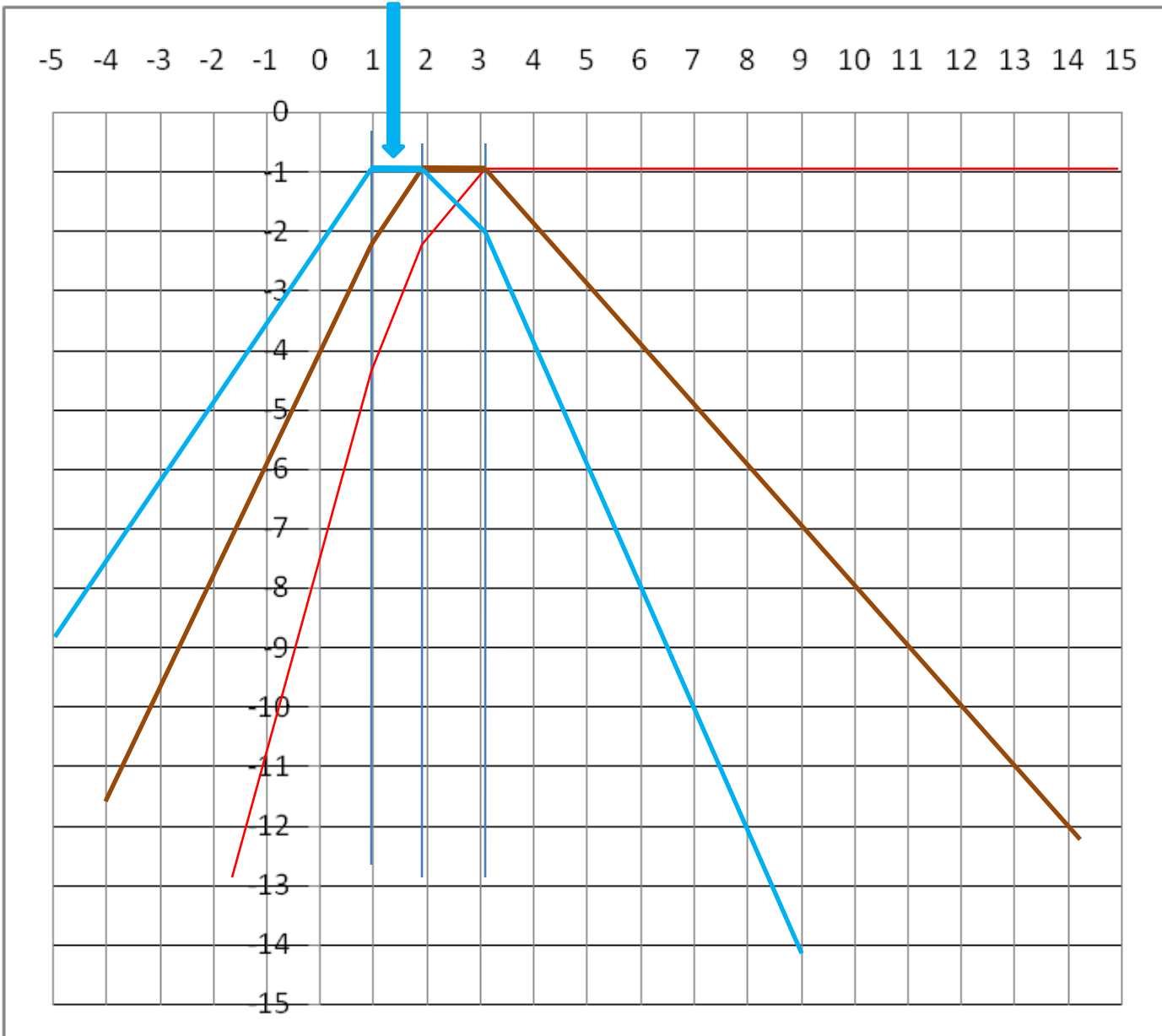




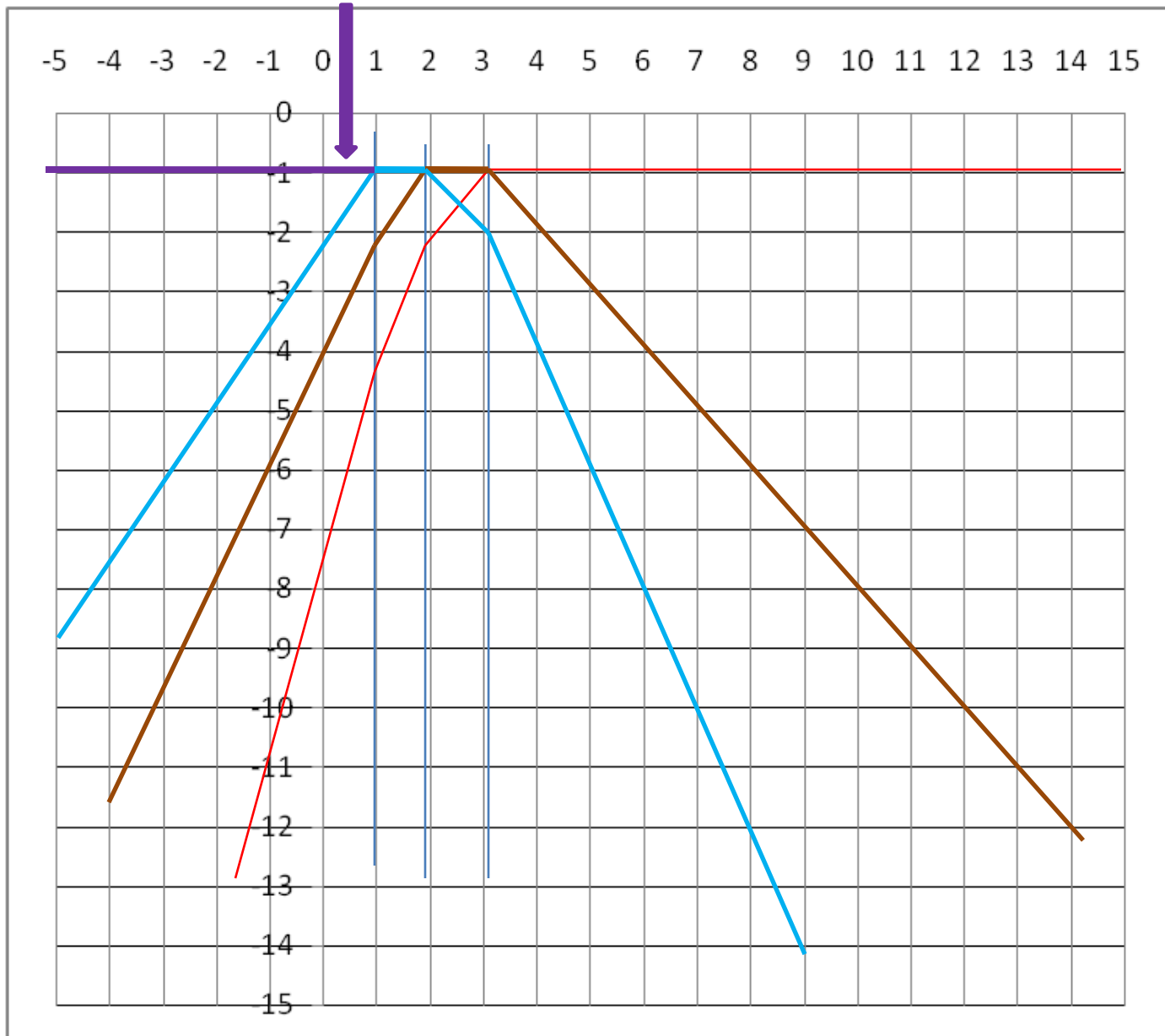
Log [AgCl<sub>2</sub><sup>-</sup>]



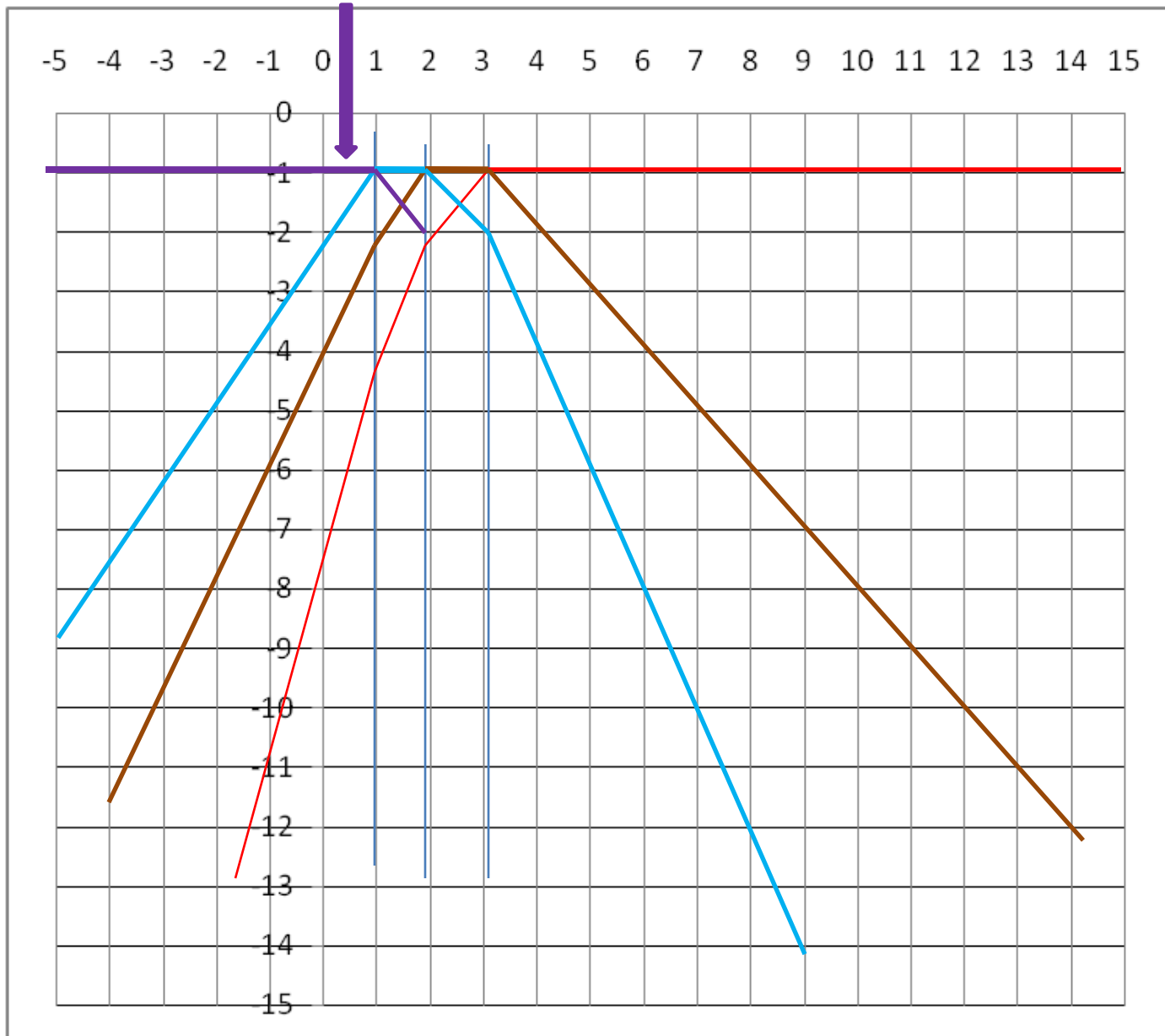
Log [AgCl<sub>2</sub><sup>-</sup>]



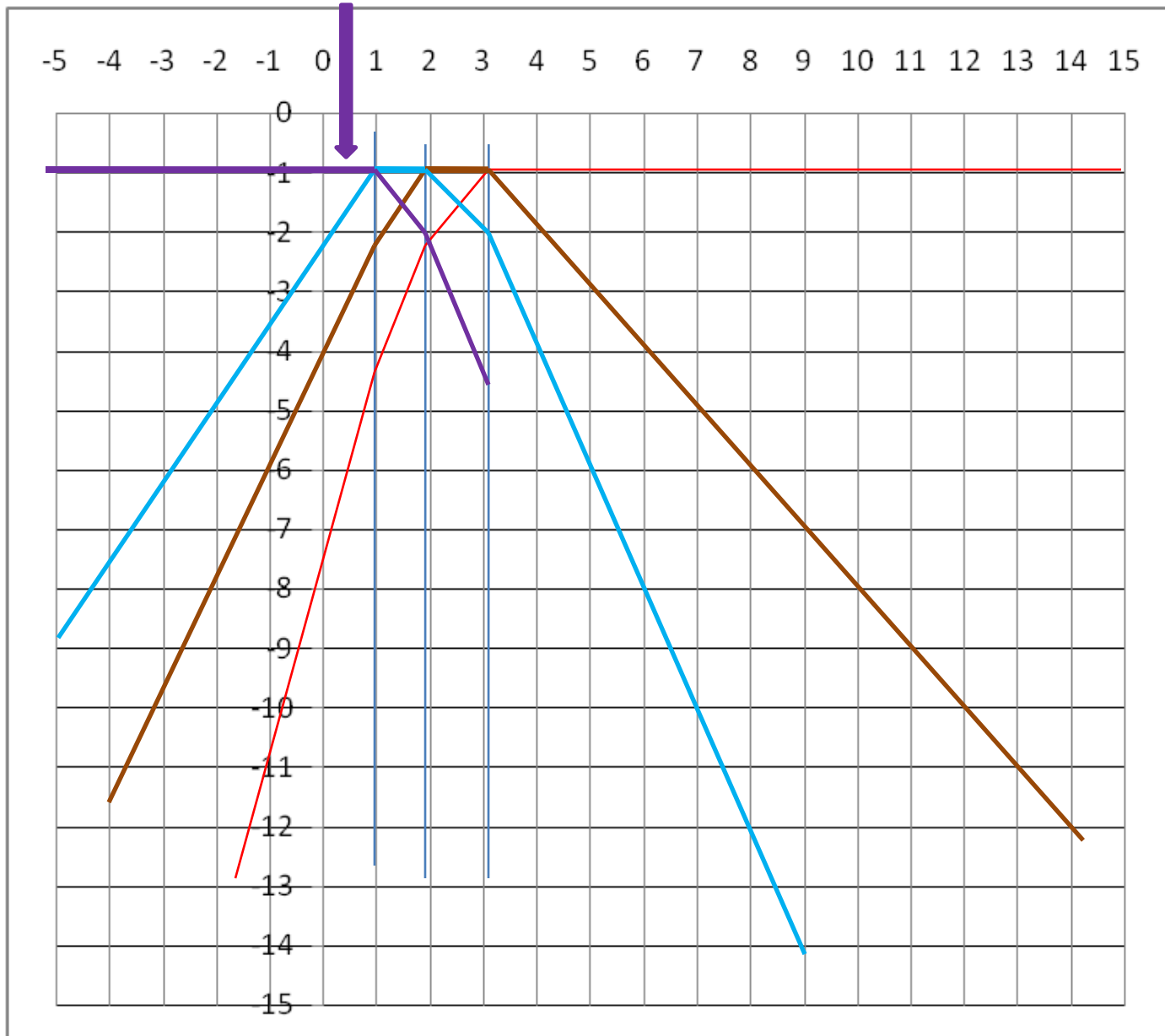
Log [AgCl<sub>3</sub><sup>-2</sup>]



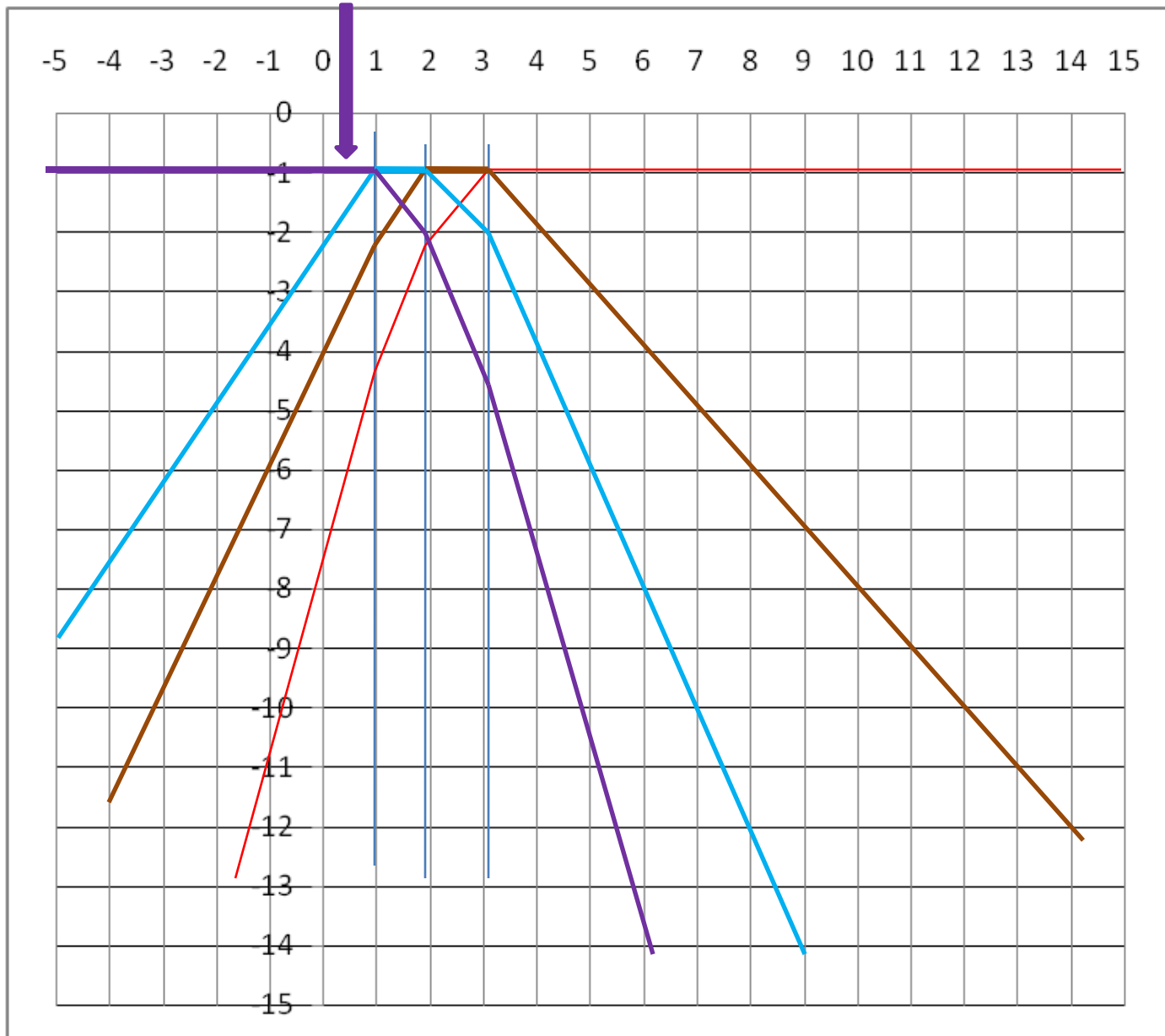
$\text{Log [AgCl}_3^{-2}\text{]}$



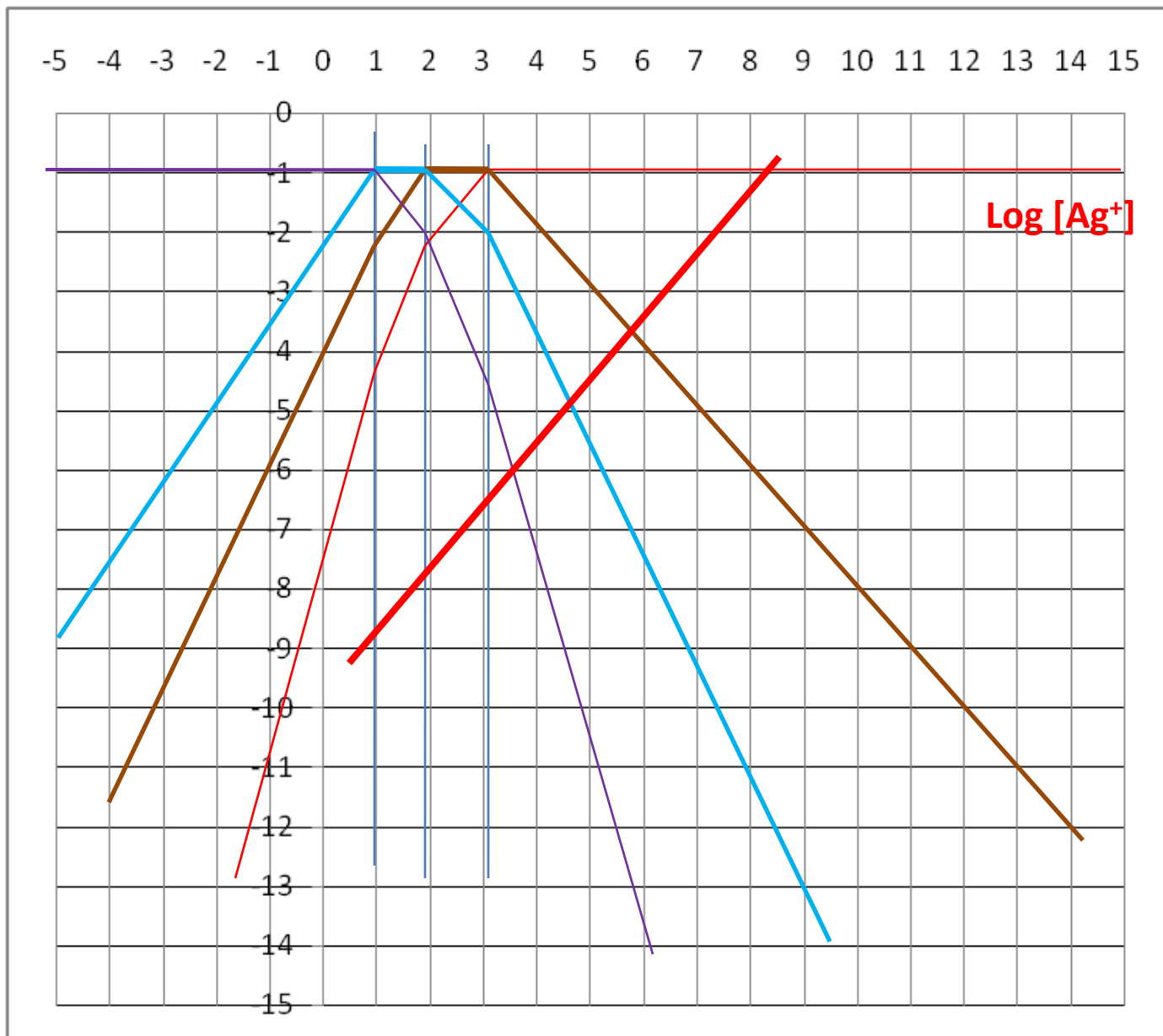
Log [AgCl<sub>3</sub><sup>-2</sup>]



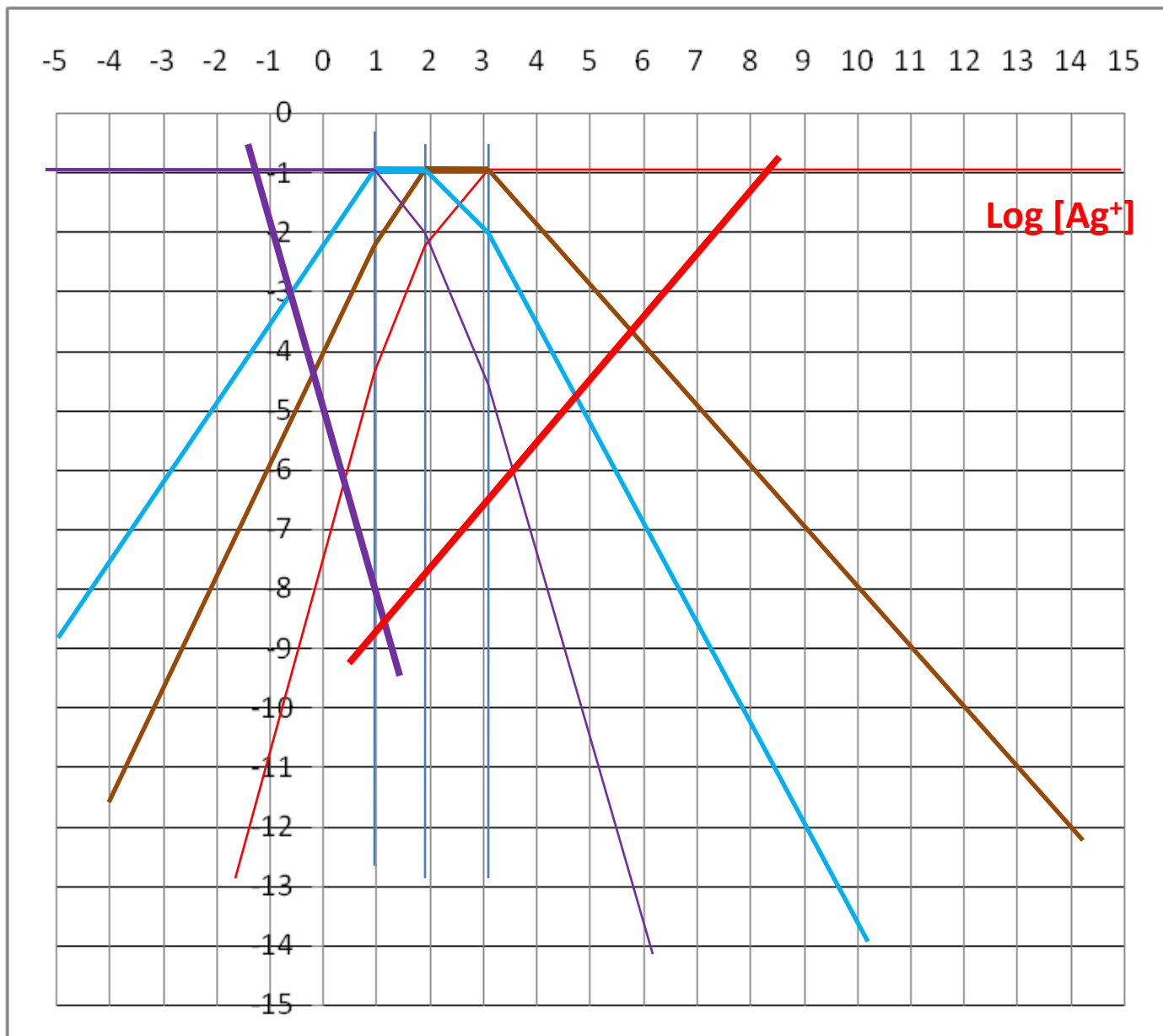
Log [AgCl<sub>3</sub><sup>-2</sup>]



**Transición  $HOMO \leftrightarrow HETERO \leftrightarrow HOMO$ :**

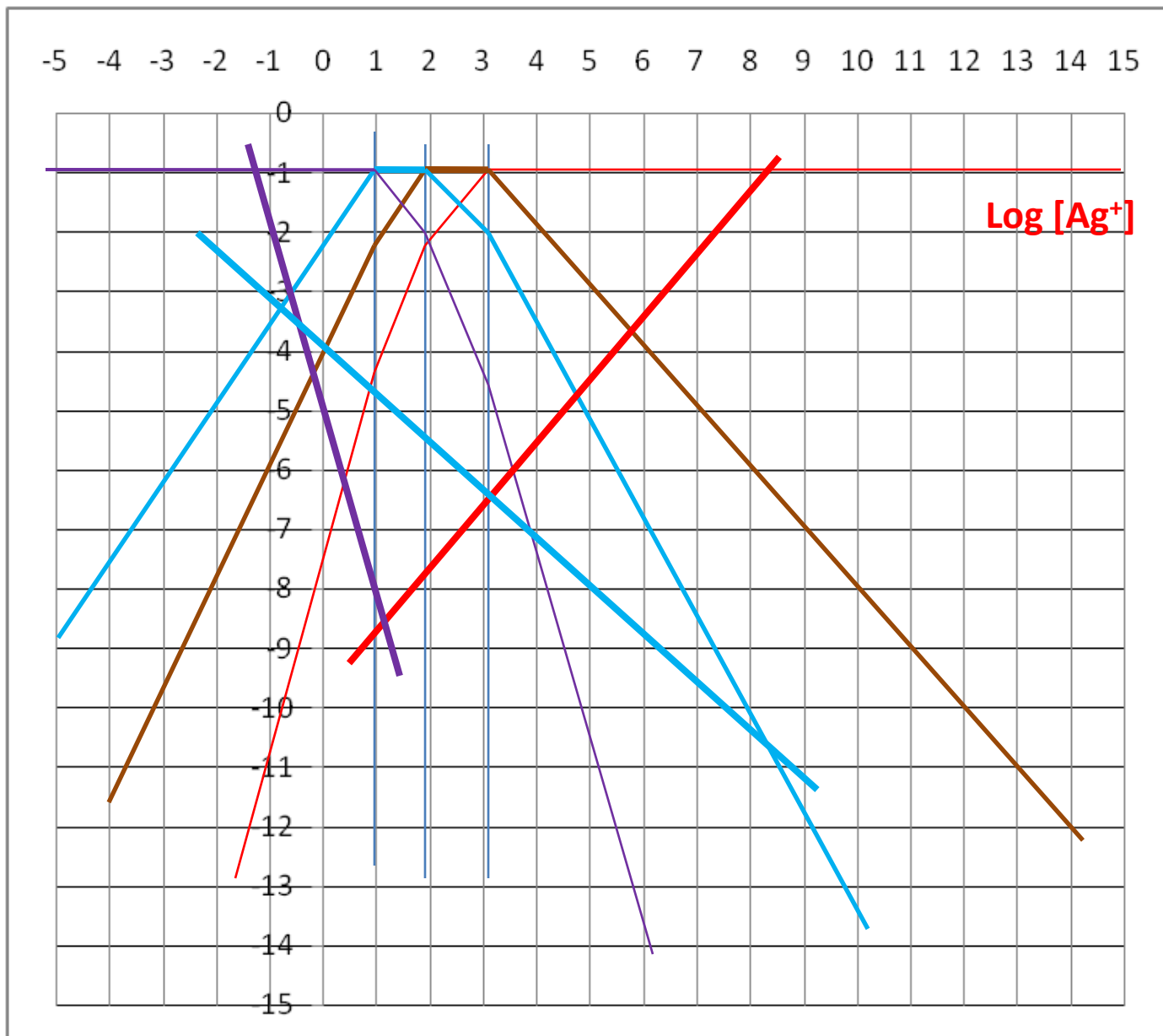


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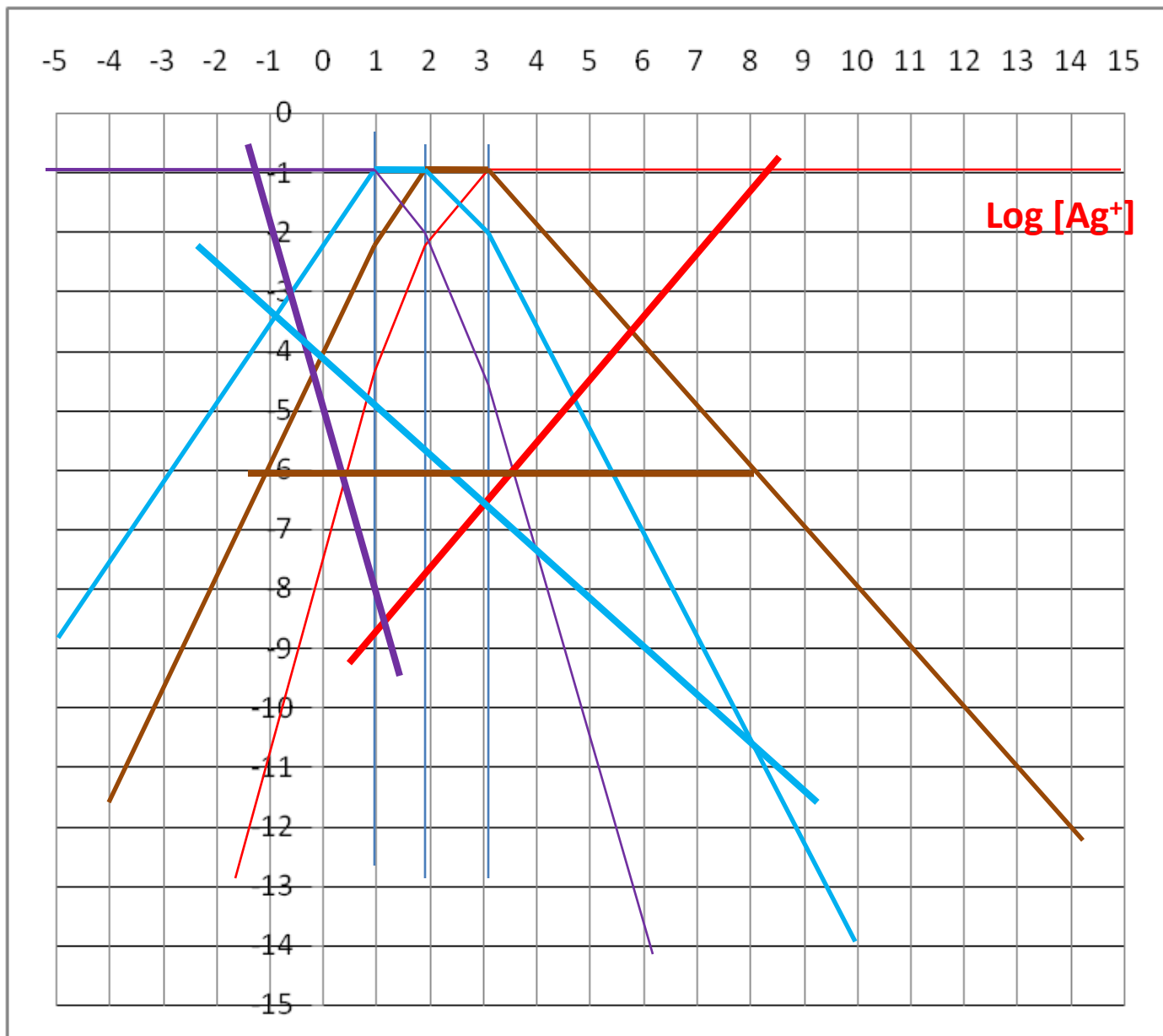




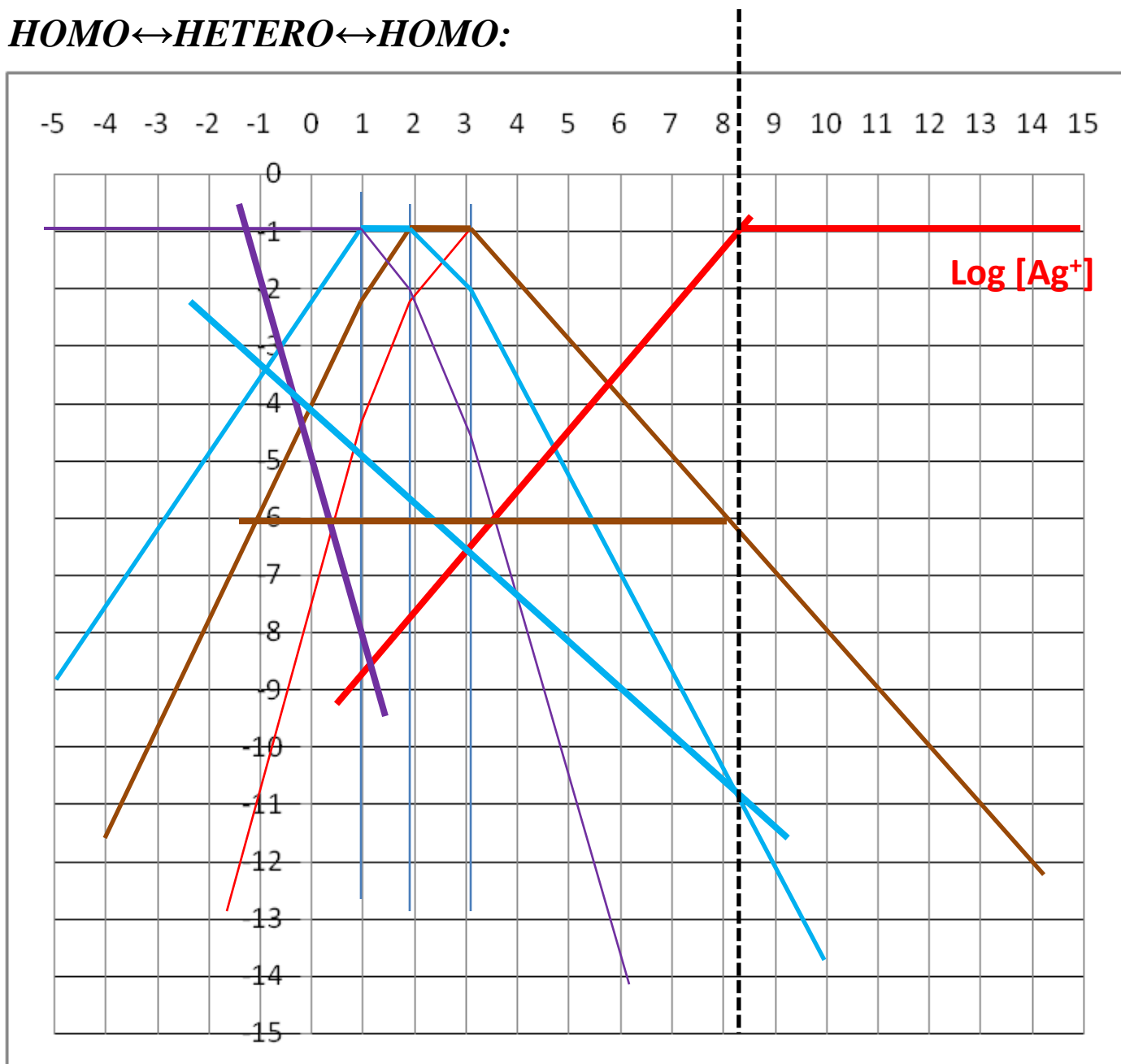
**Transición  $HOMO \leftrightarrow HETERO \leftrightarrow HOMO$ :**



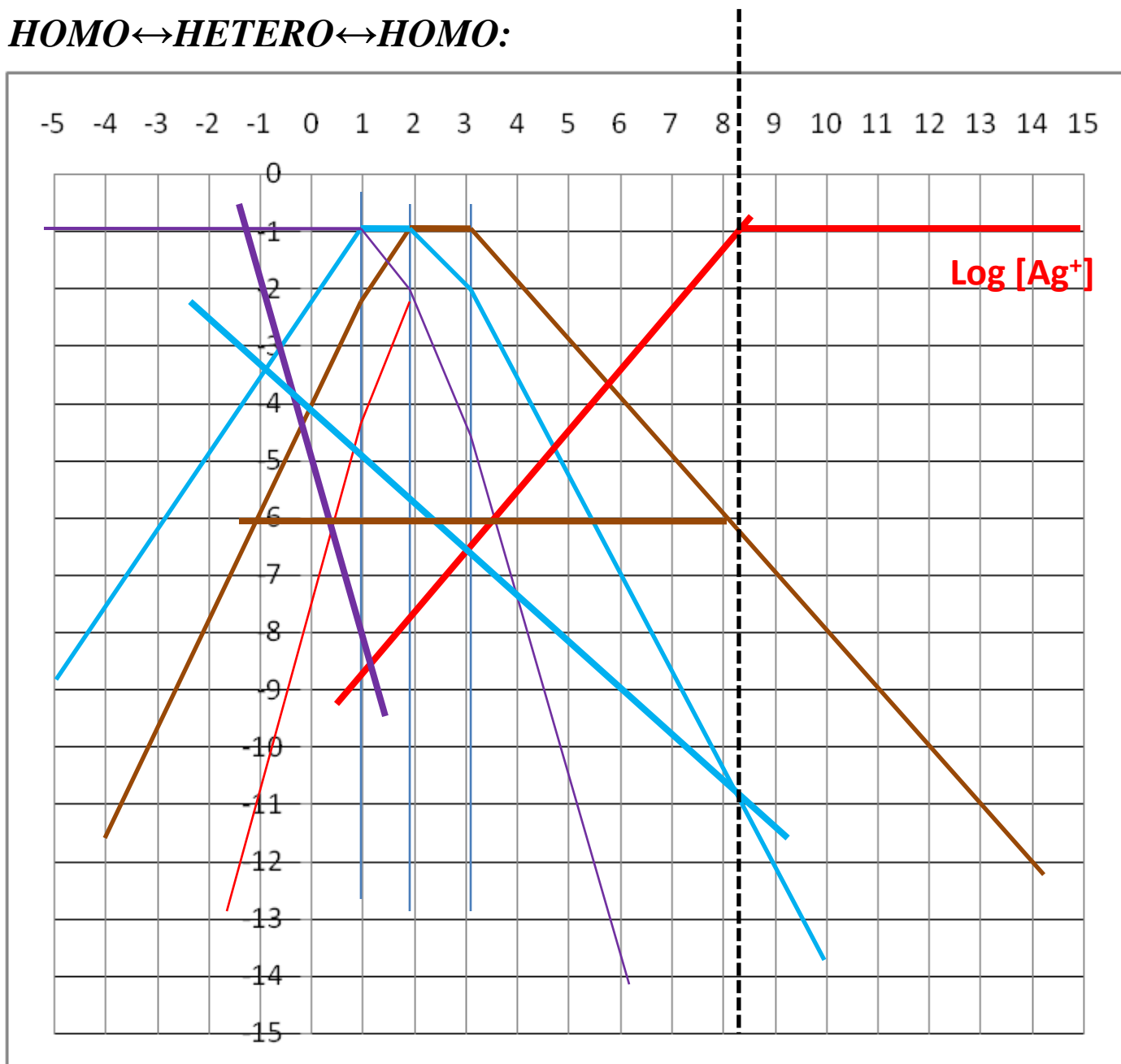
**Transición  $HOMO \leftrightarrow HETERO \leftrightarrow HOMO$ :**



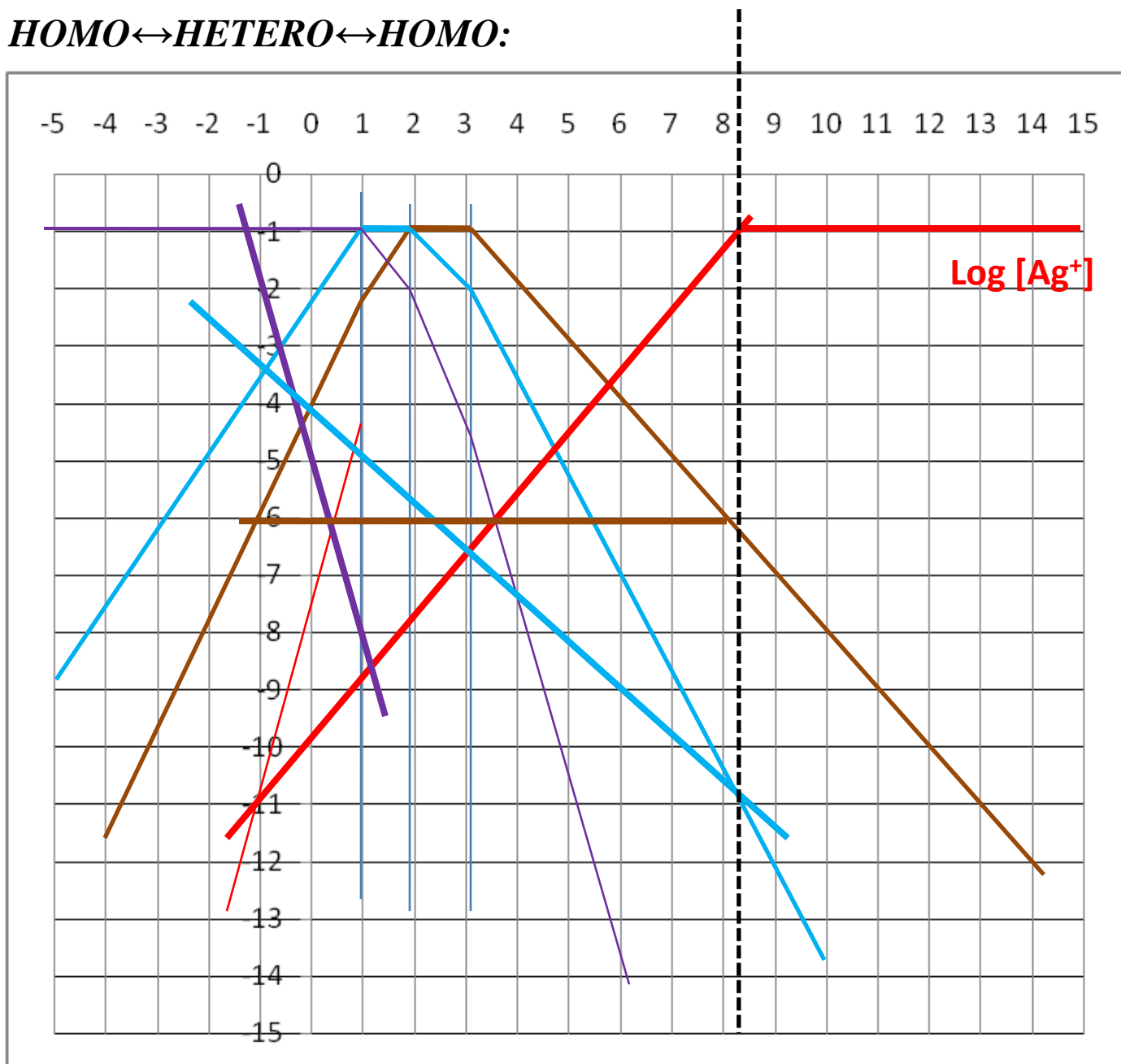
**Transición HOMO↔HETERO↔HOMO:**



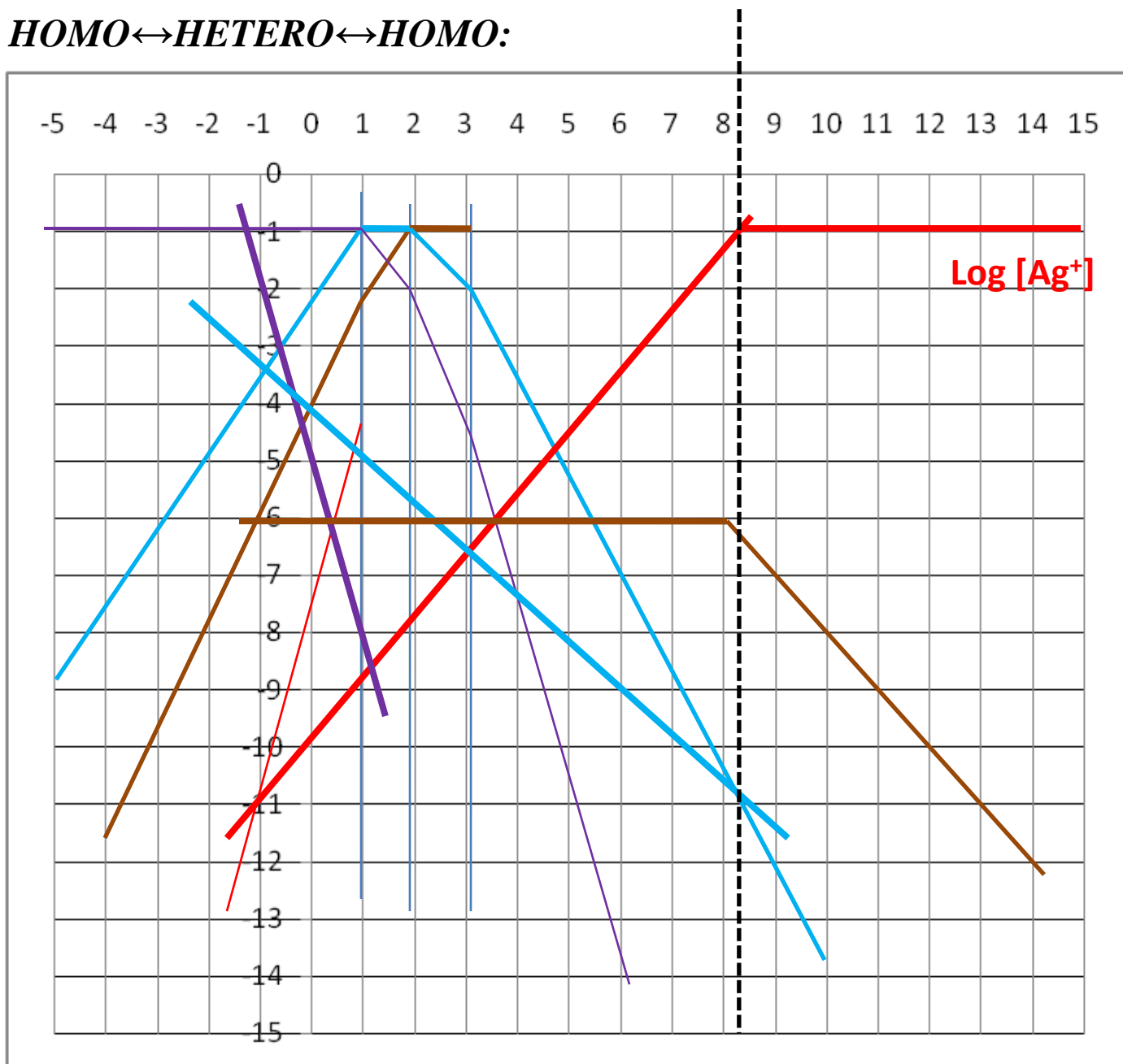
**Transición HOMO↔HETERO↔HOMO:**



**Transición HOMO↔HETERO↔HOMO:**



**Transición  $HOMO \leftrightarrow HETERO \leftrightarrow HOMO$ :**



**Transición  $HOMO \leftrightarrow HETERO \leftrightarrow HOMO$ :**

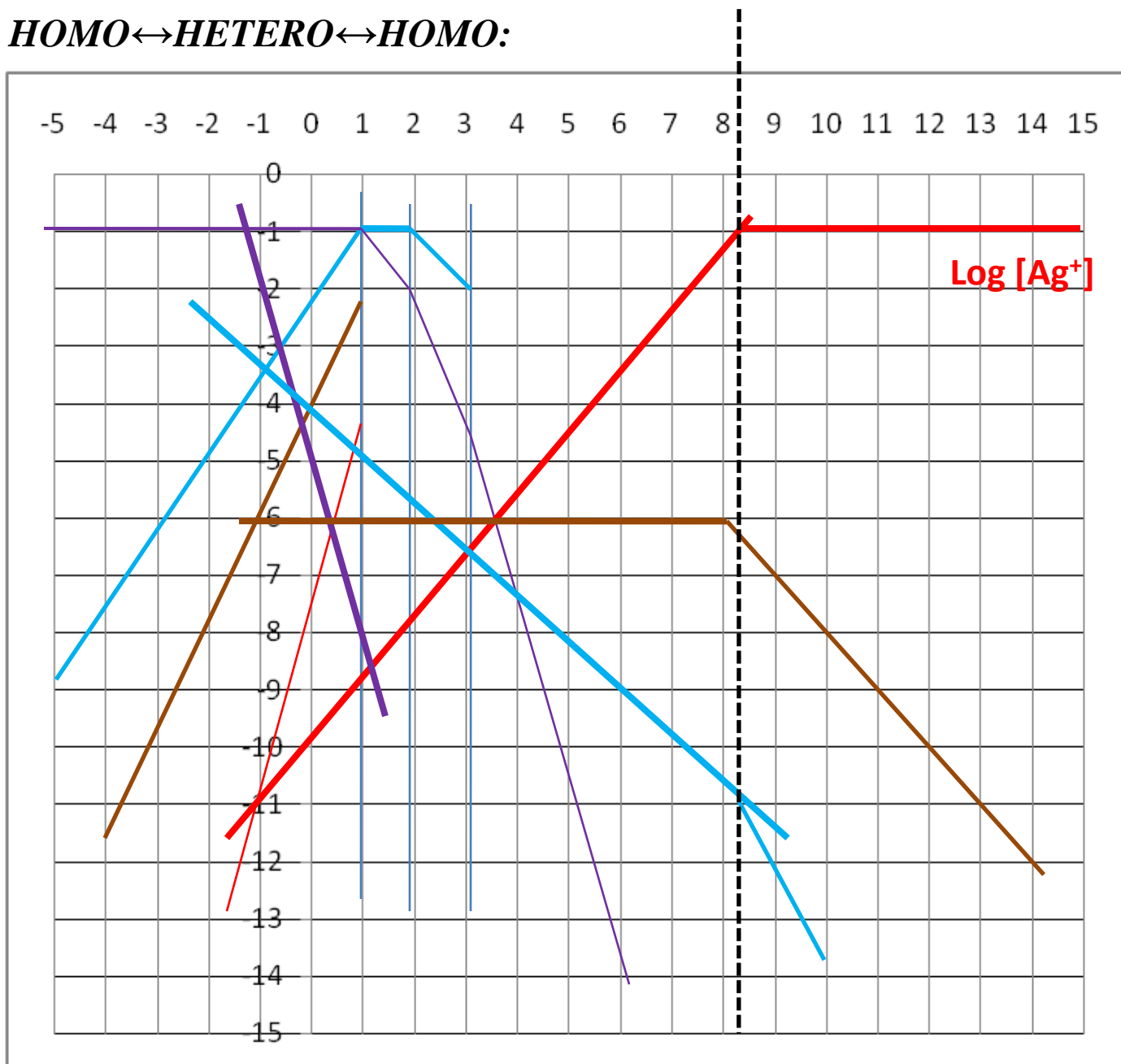


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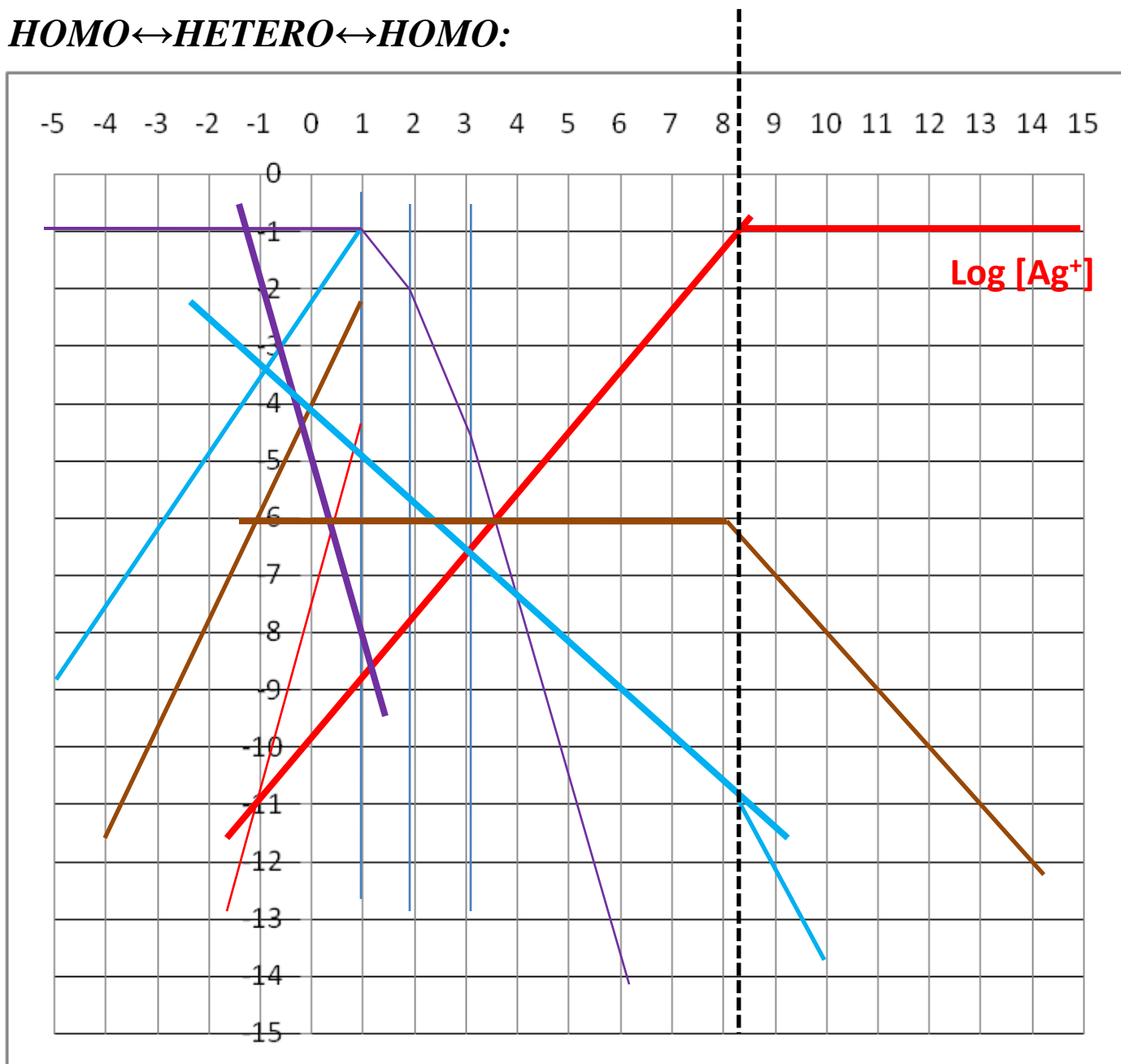




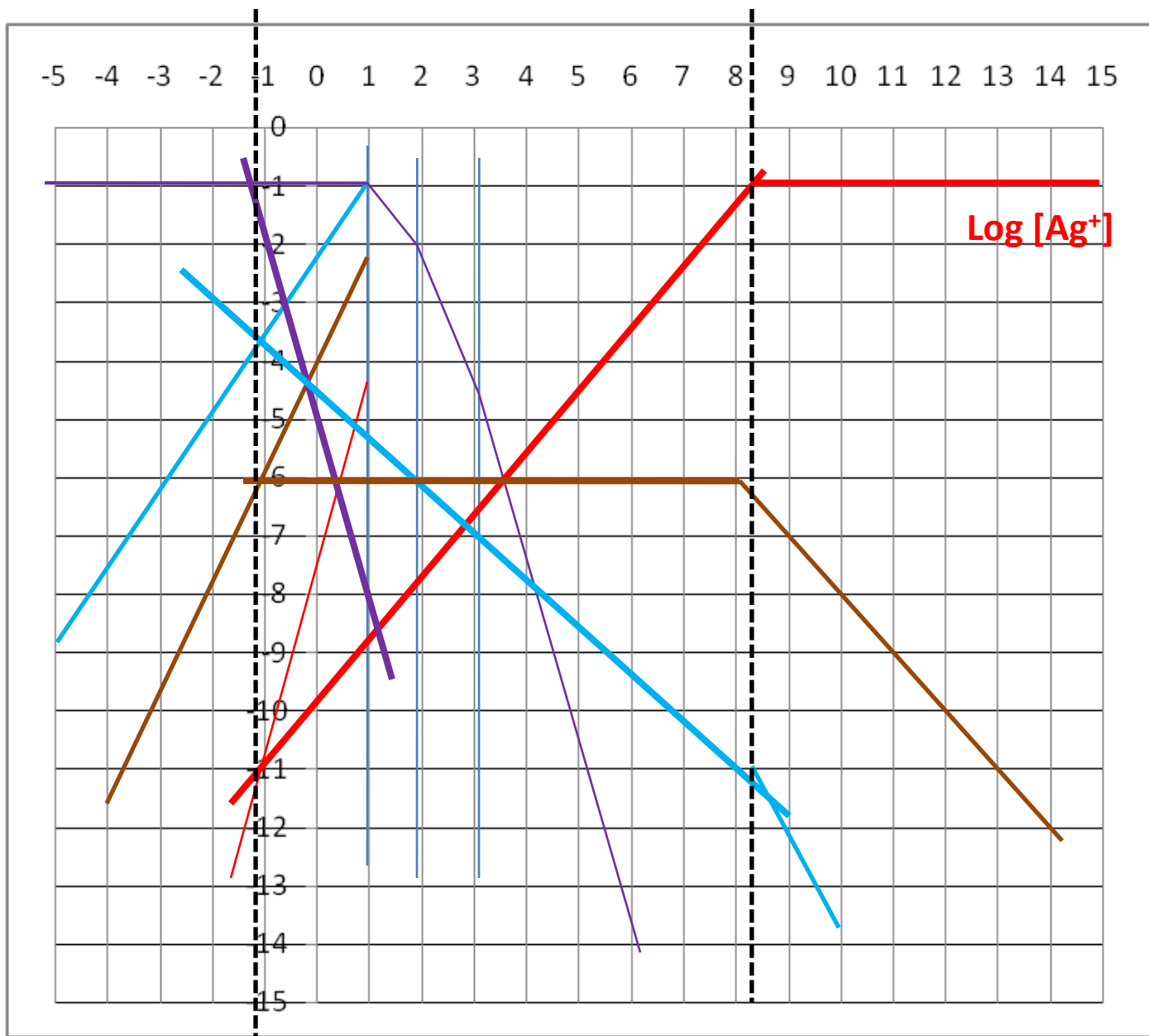
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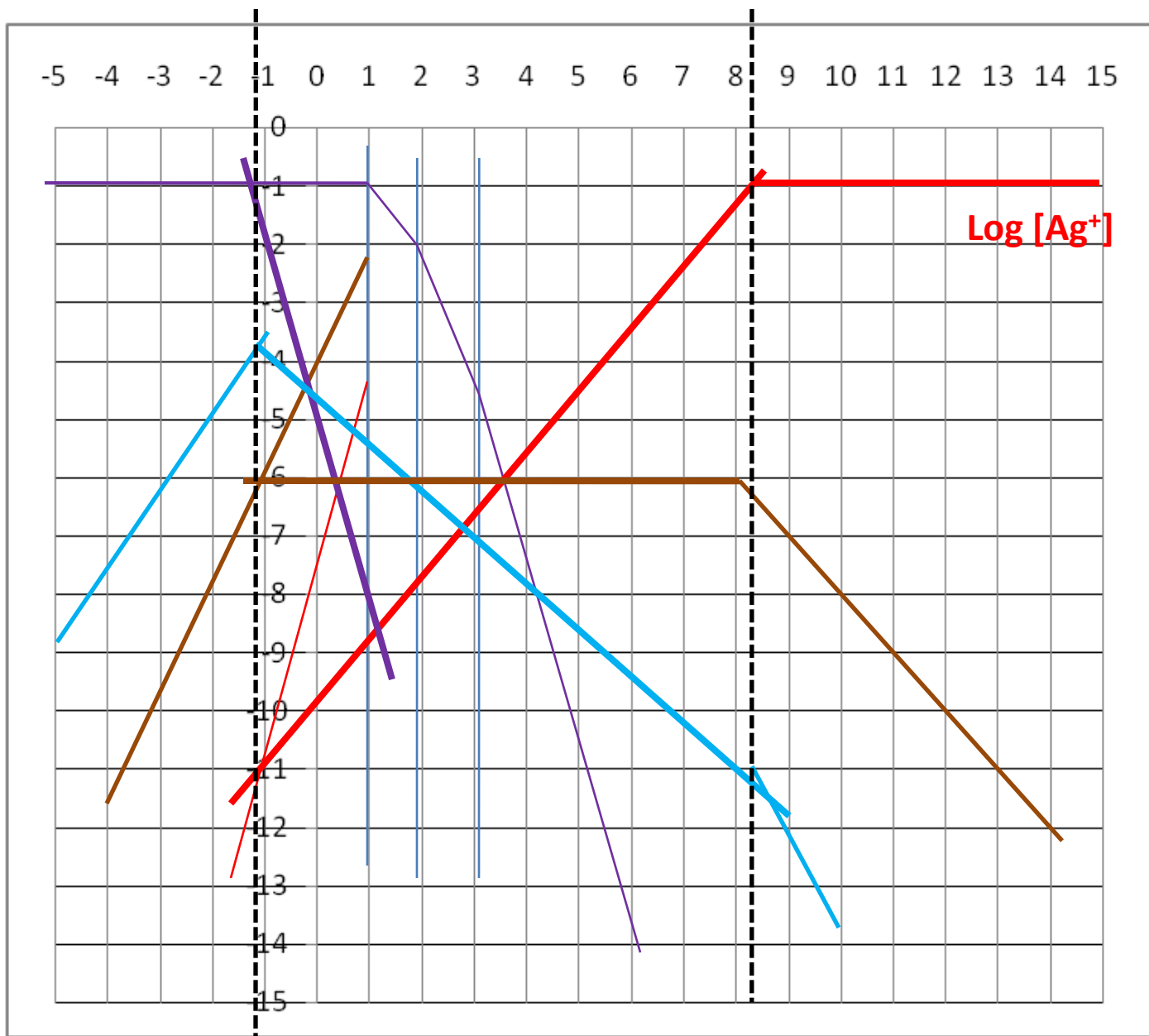
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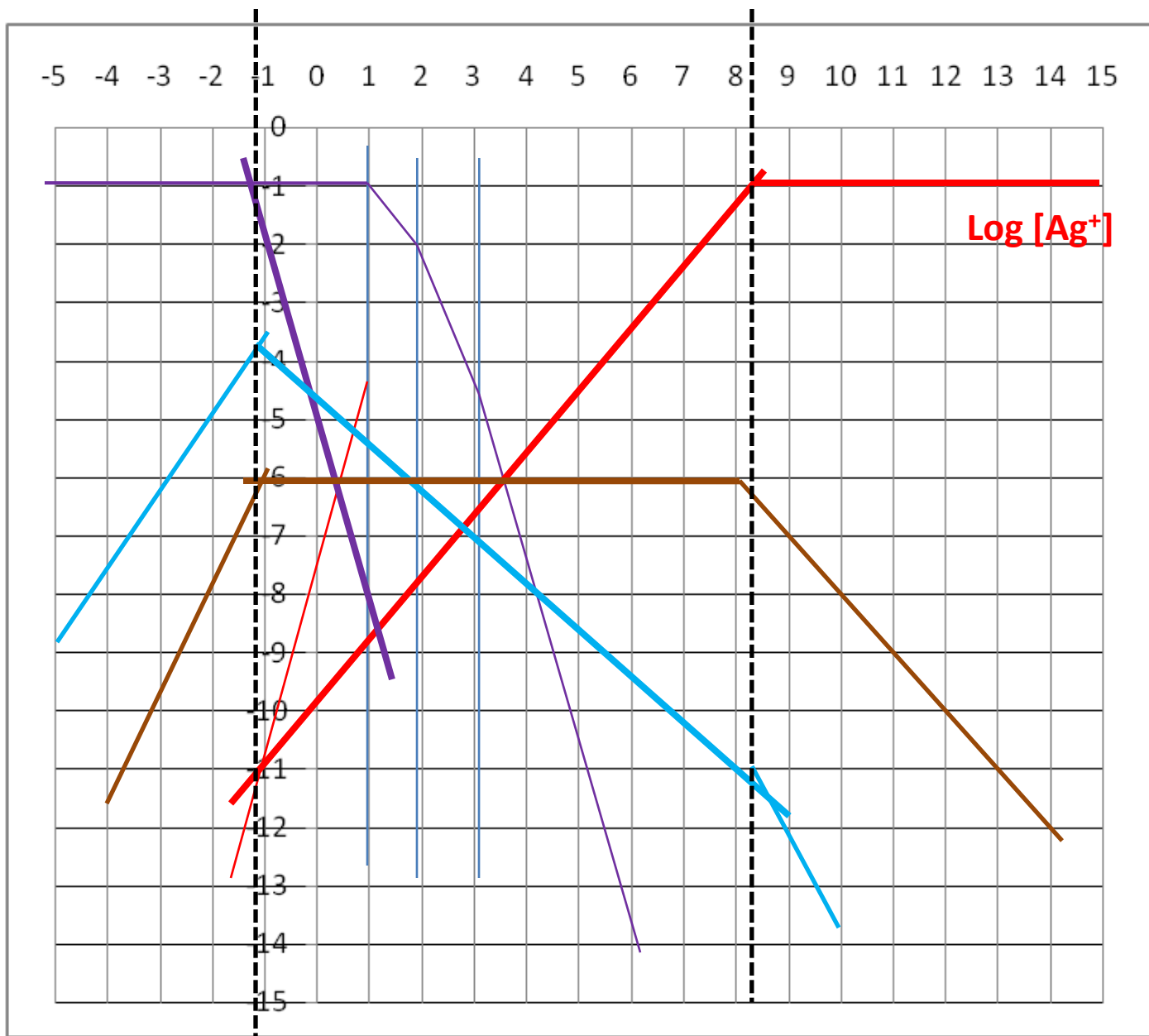
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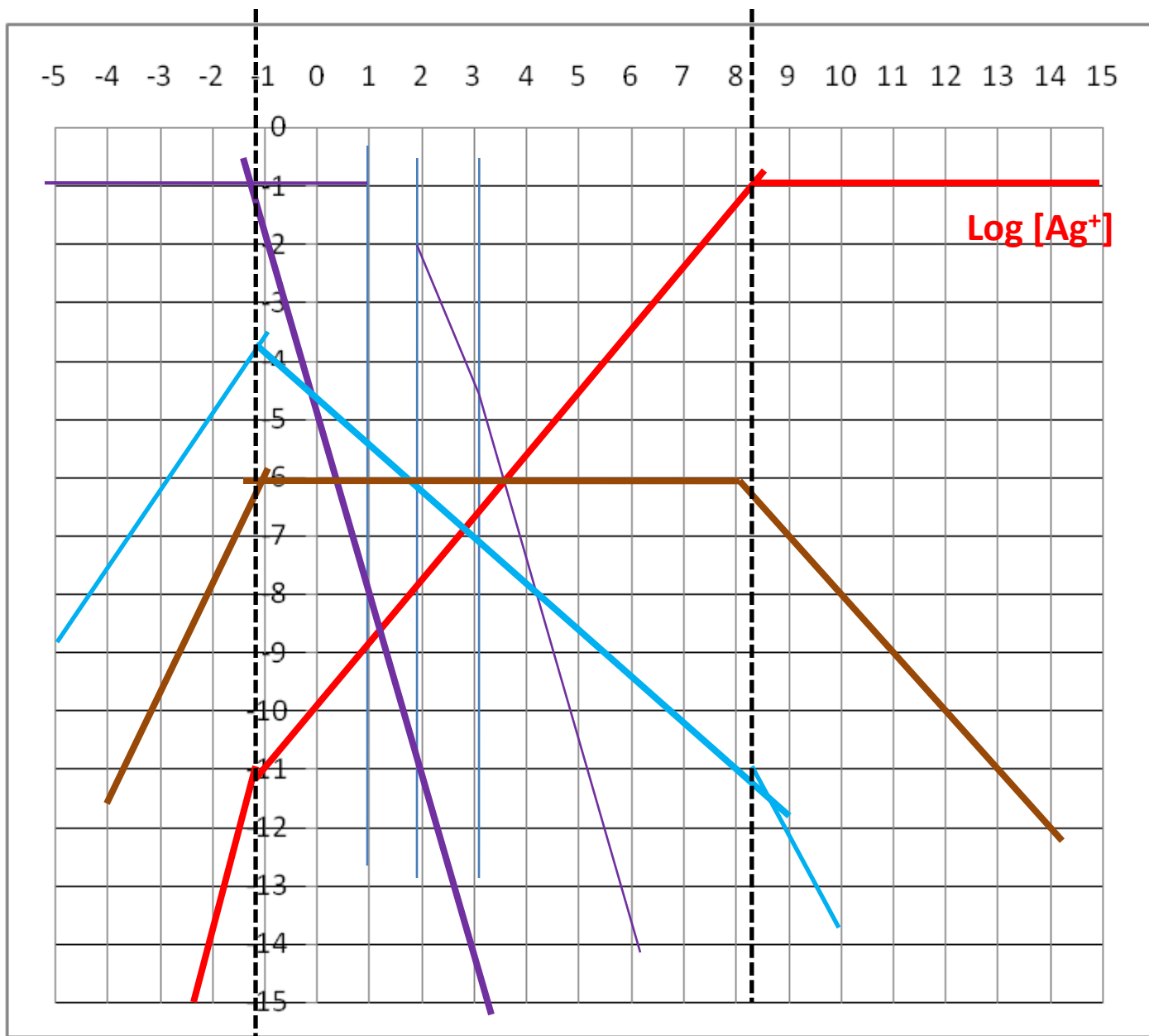
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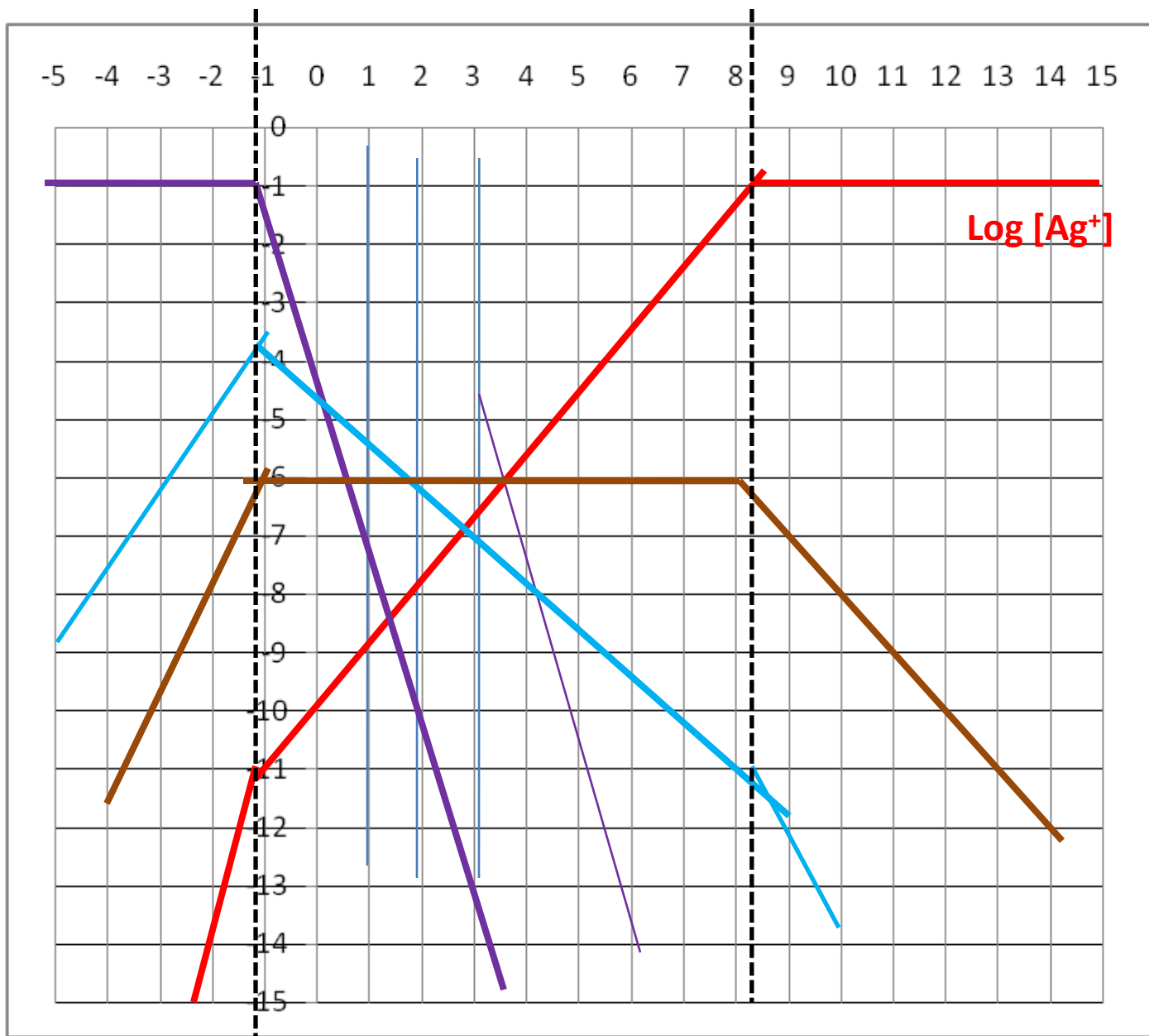
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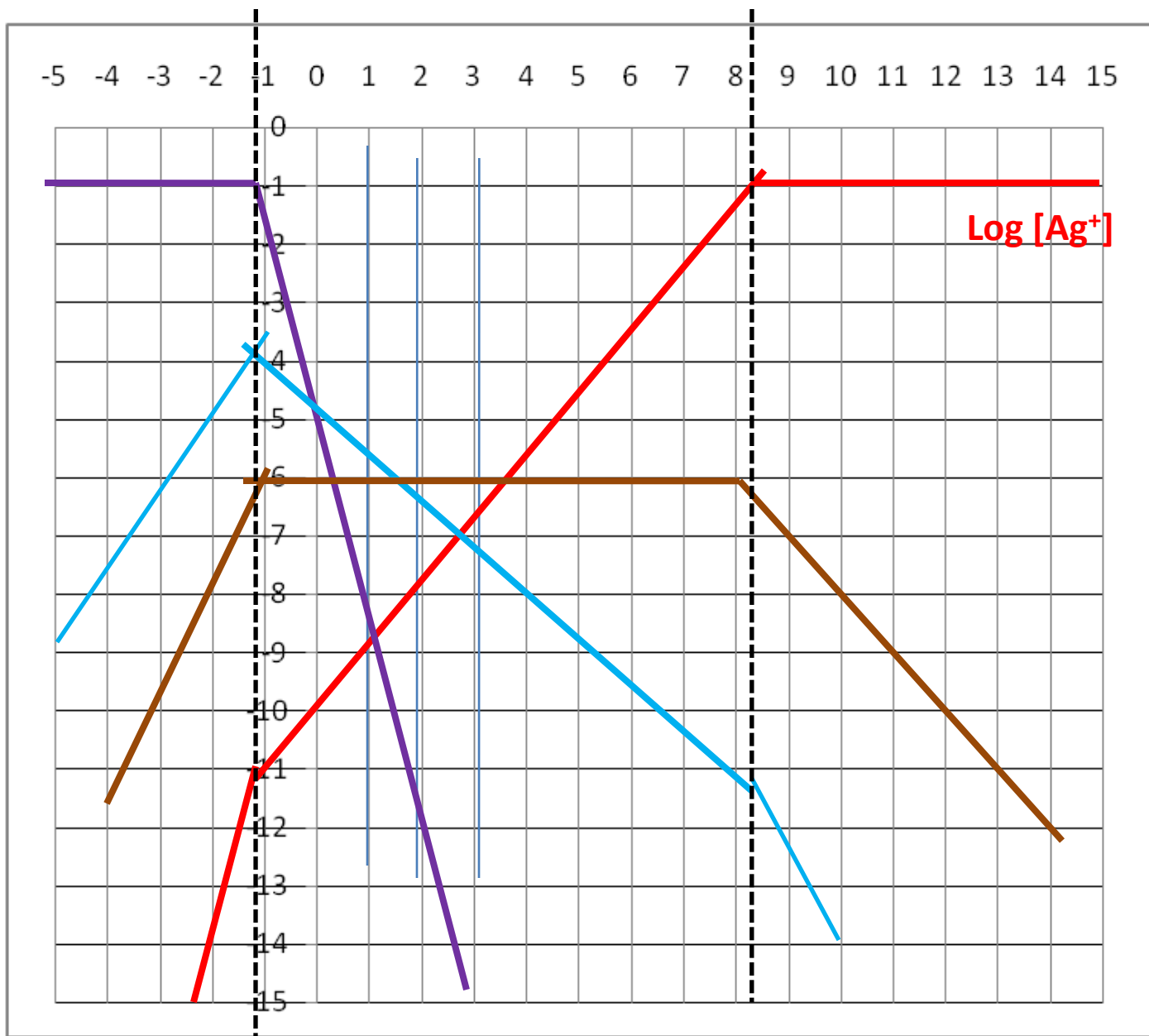
*Transición HOMO↔HETERO↔HOMO:*



**Transición  $HOMO \leftrightarrow HETERO \leftrightarrow HOMO$ :**



*Transición HOMO↔HETERO↔HOMO:*



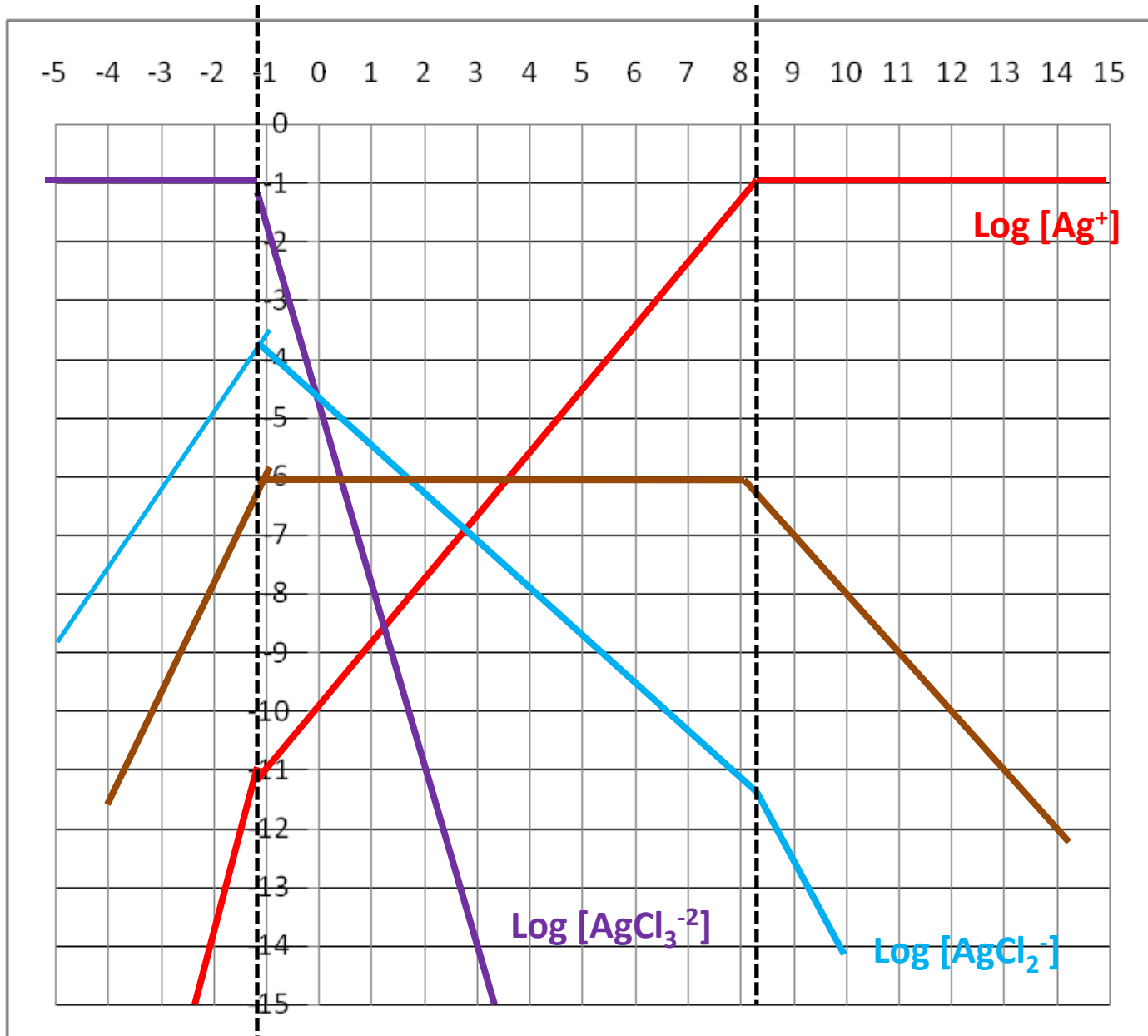


*Transición*

*HOMO* ↔

*HETERO*

↔ *HOMO*:



*Transición*

*HOMO* ↔

*HETERO*

↔ *HOMO*:

