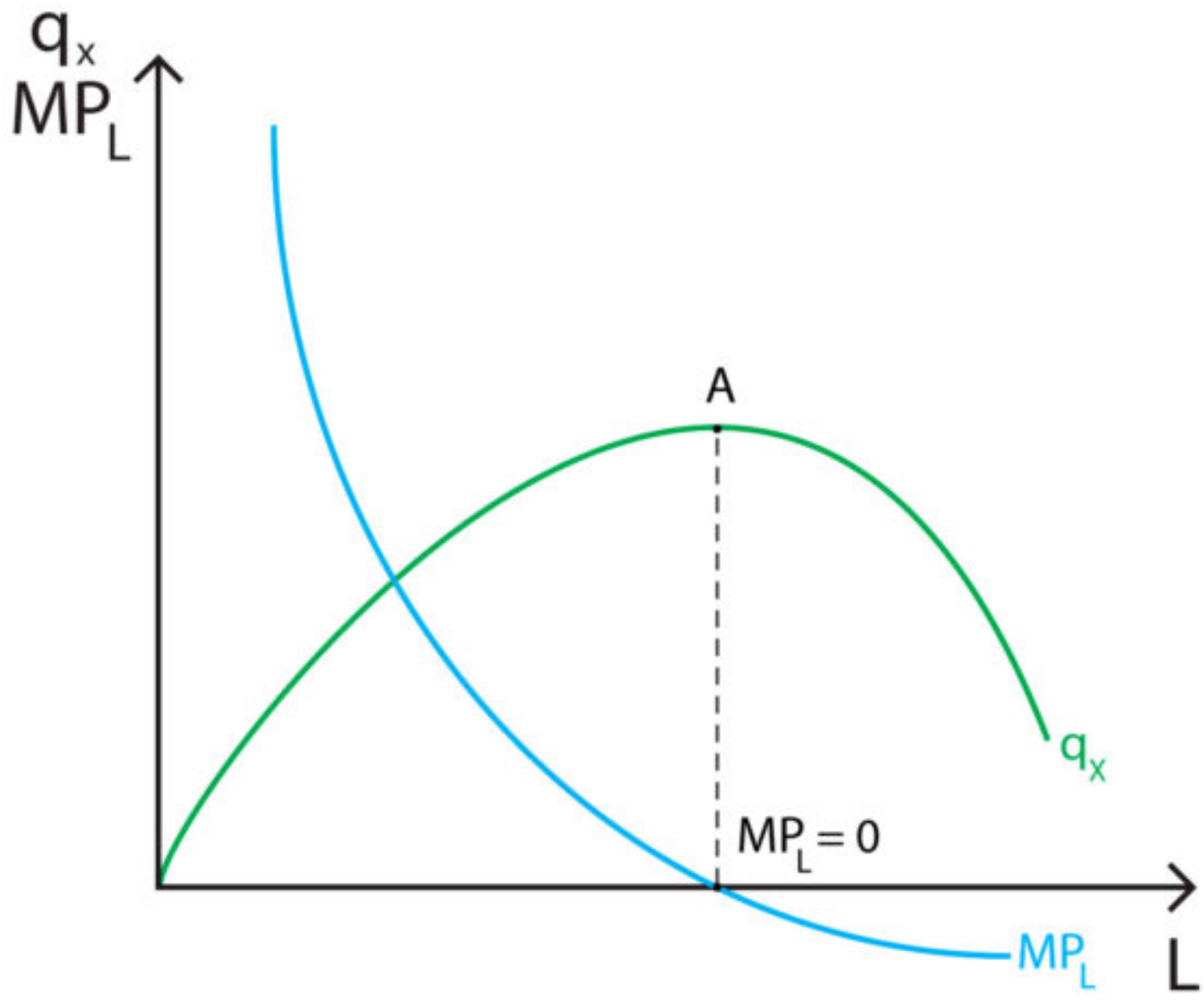
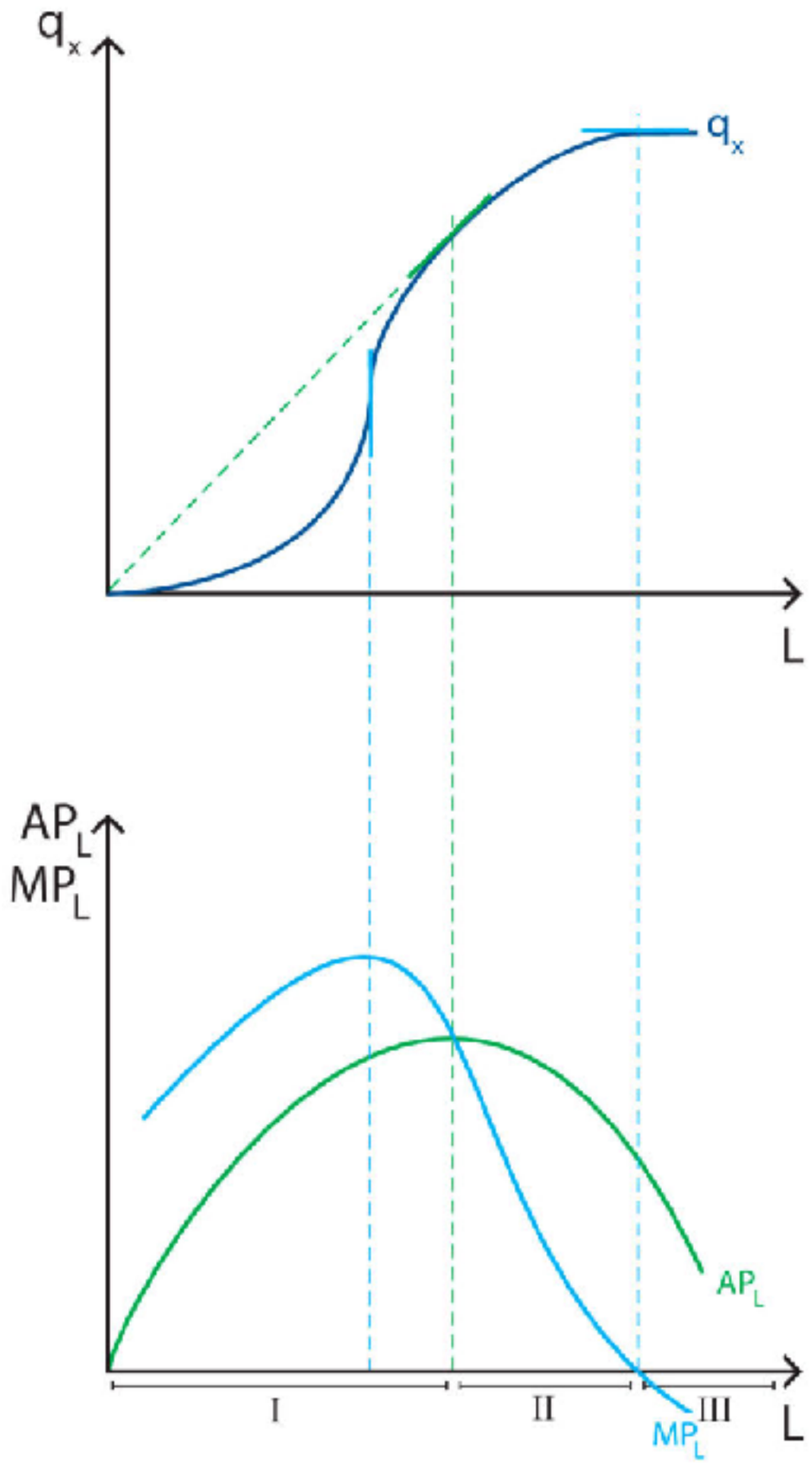
Production


q_x
MP_L
A
q_x
$MP_L = 0$
MP_L
L

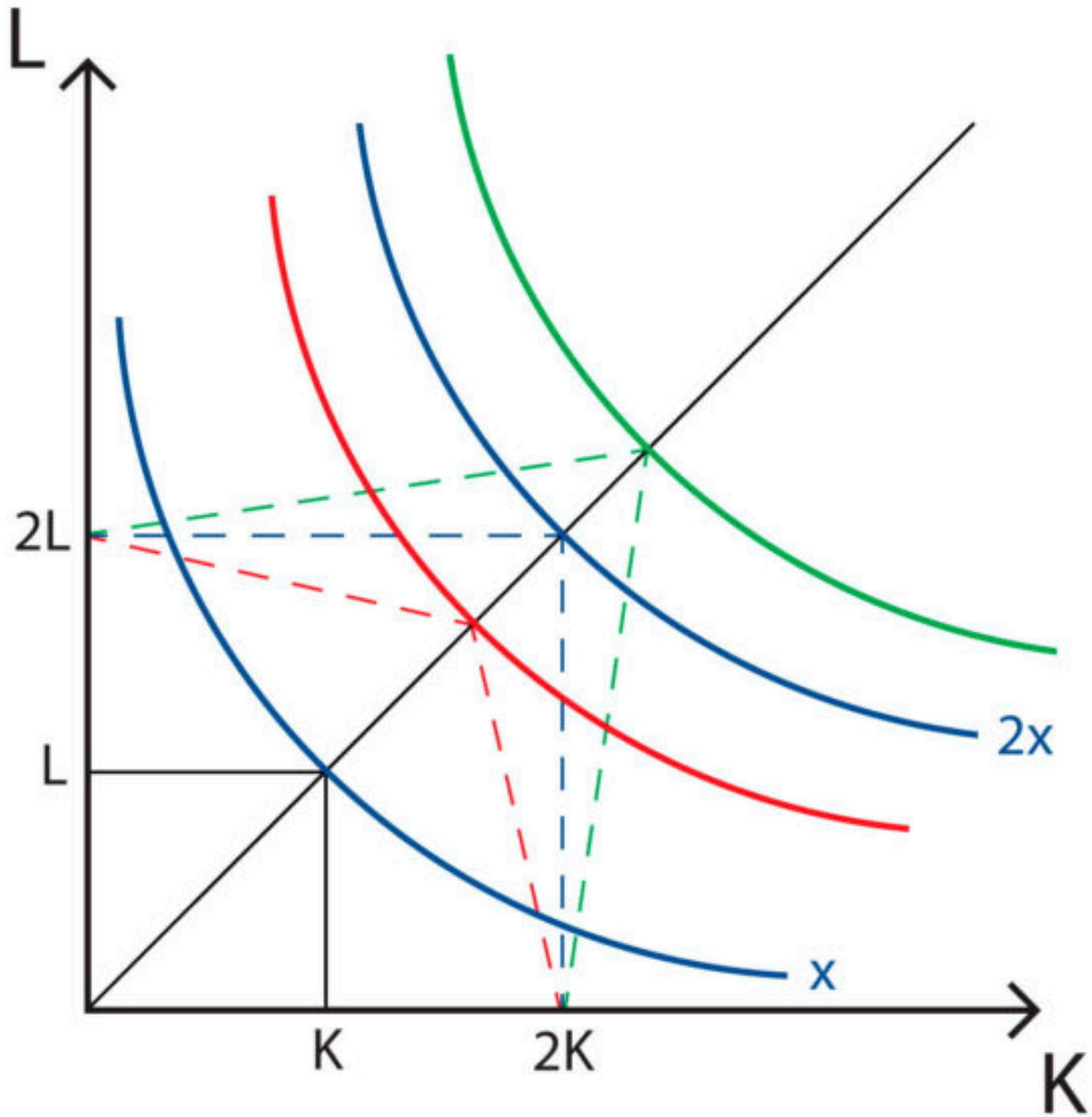
$$MP_K = \frac{\partial q}{\partial K} = f_K \qquad MP_L = \frac{\partial q}{\partial L} = f_L$$


q_x
q_x
L
AP_L
MP_L
AP_L
I
II
III
MP_L
L

$$\varepsilon_L = \frac{\partial X}{\partial L} * \frac{L}{X} = \frac{AP_L}{MP_L}$$

$$f(\lambda K, \lambda L) = \lambda^t f(K, L)$$

$$\mu = \frac{\partial X}{\partial K} * \frac{K}{X} + \frac{\partial X}{\partial L} * \frac{L}{X}$$


L
2L
L
K
2K
K
x
2x