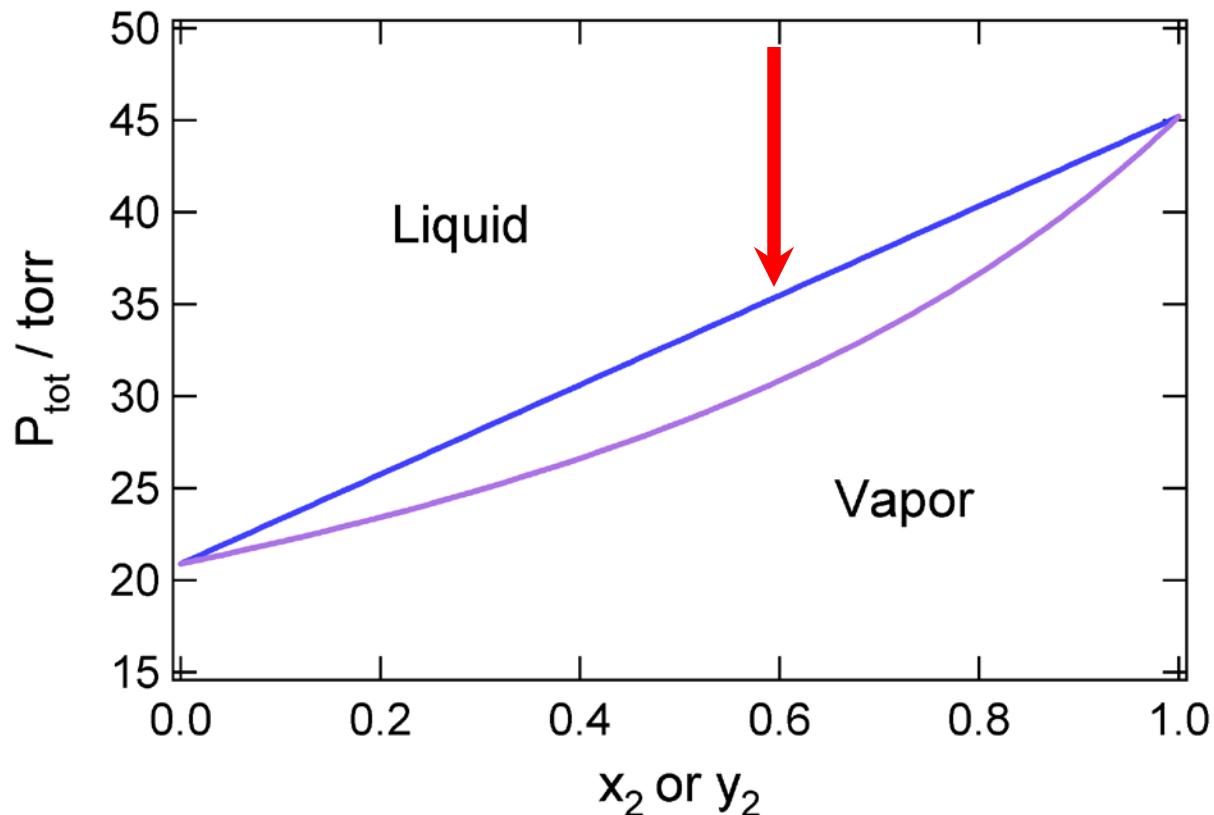


Boiling in a two component system

If we reduce the pressure above a two component mixture of 1-propanol and 2-propanol with a mole fraction of 0.6 2-propanol what is the composition of the vapor?



What is the composition of the vapor?

- a. $y_2 = 0.60$
- b. $y_2 = 0.48$
- c. $y_2 = 0.78$
- d. $y_2 = 0.98$

$$P_1^* = 22 \text{ Torr}$$

$$P_2^* = 45 \text{ Torr}$$

