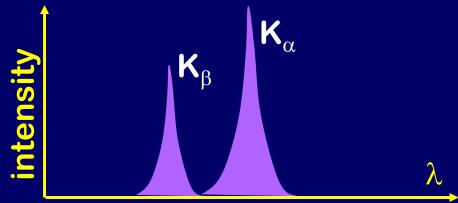
$$K_{\beta}$$
 X-Rays

 $K_{\alpha}$  X-rays come from n=2  $\rightarrow$ n=1 transition.

What about  $n=3 \rightarrow n=1$  transition?

Not as likely, but possible. Produces K<sub>β</sub> X-Rays!

 $K_{\beta}$  X-Rays are higher energy (lower  $\lambda$ ) than  $K_{\alpha}$ . (and lower intensity)



Different elements have different Characteristic X-Rays