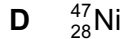
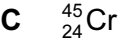
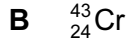
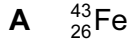


38 In 2002, two-proton radioactive decay of an isotope of iron, ${}^{45}_{26}\text{Fe}$, was observed.

What could be the resulting product?



39 U^{++} is a doubly ionized uranium atom. The uranium atom has a nucleon number of 235 and a