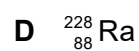
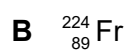
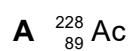


30 A radioactive decay series, starting with Thorium $^{232}_{90}\text{Th}$, involves the emission of the following in order: alpha, beta, beta, gamma, alpha, gamma. Which of the following isotopes will not be a product of this series of decays?



End of Paper