

40 The following represents a sequence of radioactive decays involving two α -particles and one β -particle.



What is the nuclide X?

A ${}^{213}_{85}\text{At}$

B ${}^{215}_{77}\text{Ir}$

C ${}^{209}_{82}\text{Pb}$

D ${}^{217}_{81}\text{Tl}$