

39 A uranium-238 nucleus, $^{238}_{92}\text{U}$, undergoes a series of nuclear decays to form uranium-234, $^{234}_{92}\text{U}$.

Which series of decays could give this result?

- A** emission of four β^- particles
- B** emission of four γ -rays
- C** emission of one α -particle and two β^- particles
- D** emission of two α -particles and eight β^- particles