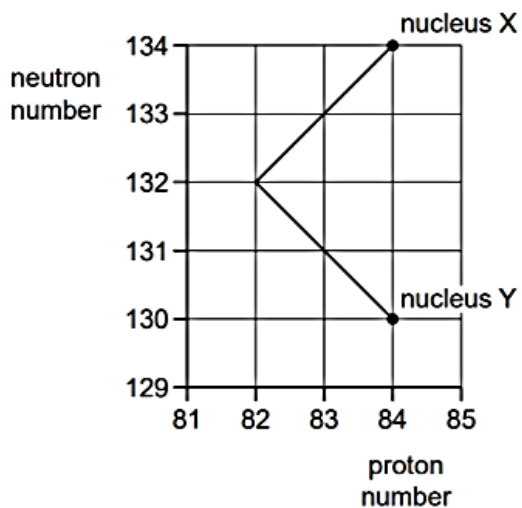


X is a radioactive nucleus. It goes through a series of decays until Y, which is stable, is formed.



What are emitted during the series of decays?

A

one α -particle followed by one β -particle

B

one α -particle followed by two β -particles

C

two α -particles followed by one β -particle

D

two α -particles followed by two β -particles

