

28 Plutonium, Pu, exists in various isotopic forms and has a proton number (atomic number) of 94.

Which isotope of plutonium is **not** correctly described?

A ${}_{94}^{238}\text{Pu}$ has 144 neutrons.

B ${}_{94}^{239}\text{Pu}$ has 145 neutrons.

C ${}_{94}^{241}\text{Pu}$ has 147 neutrons.

D ${}_{94}^{242}\text{Pu}$ has 152 neutrons.

29 α particles, β particles and γ rays are three common types of radiation from radioactive sources.