

39 The nucleus of one of the isotopes of nickel is represented by ${}^{60}_{28}\text{Ni}$.

Which line in the table correctly describes a neutral atom of this isotope?

	number of protons	number of neutrons	number of orbital electrons
A	28	32	28
B	28	60	28
C	60	28	28
D	60	32	32

40 A nucleus of bohrium ${}^X\text{Bh}$ decays to mendelevium ${}^{255}\text{Md}$ by a sequence of three α particle