

29 The binding energy per nucleon of iron-56 is 8.8 MeV.

What happens when an iron-56 nucleus is created from its constituent protons and neutrons?

A 8.8 MeV of energy is absorbed.

B 8.8 MeV of energy is released.

C 493 MeV of energy is absorbed.

D 493 MeV of energy is released.

30 A person is accidentally exposed to a radiation dose of 0.05 Sv.