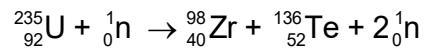


- 29** A nuclear fission reaction may be represented by the equation



The binding energy per nucleon E for the nuclides involved in the reaction are as shown:

<i>Nuclide</i>	E / MeV
$^{235}_{92}\text{U}$	7.60
$^{98}_{40}\text{Zr}$	8.58
$^{136}_{52}\text{Te}$	8.32

What is the energy released in the reaction?

- A** 186 MeV **B** 196 MeV **C** 1970 MeV **D** 3760 MeV