29 The nuclear fission reaction of Uranium-235 may be represented by the following equation

$$^{235}_{92}\text{U} + {}^{1}_{0}\text{n} \rightarrow {}^{141}_{56}\text{Ba} + {}^{92}_{36}\text{Kr} + 3{}^{1}_{0}\text{n} + \text{energy}$$

The rest masses of the nuclei are

nuclide	rest mass
$^{235}_{92}\text{U}$	235.04393 *u*
$^{141}_{56}\text{Ba}$	140.91440 *u*
$^{92}_{36}\text{Kr}$	91.92617 *u*
$^{1}_{0}\text{n}$	1.00866 *u*

What is the energy released when one nuclide of $^{235}_{92}\text{U}$ undergoes fission?

A 3.09×10^{-28} J

B 9.26×10^{-20} J

C 2.78×10^{-11} J

D 3.29×10^{-10} J