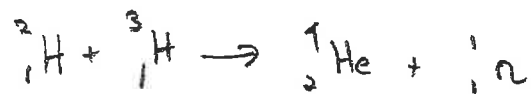


EX 32.1

Nuclear Fusion Reaction



The mass of the reactants is 5.030 amu
of the products is 5.012 amu

$$\Delta m = 0.0184$$

$$= 2.99 \times 10^{-29} \text{ kg}$$

$$\Delta E = \Delta mc^2 = 2.7 \times 10^{13} \text{ Joules}$$

For 1 mole of fusion: 10^{10} Joules are released

For 1 mole of dynamite, 10^9 Joules are released.

So a nuclear reaction generates 1 million times
more energy than a chemical reaction.