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to the kinetic energy gained by an electron accelerated through a potential difference of 1 volt. Nuclear energies are usually in the range of MeV (mega-electronvolt, or  $10^6$  eV). Nuclear masses are measured in terms of the atomic mass unit : 1 amu or  $1u = 1.66 \times 10^{-27}$  kg. One amu is equivalent

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Kenneth S. Krane is a distinguished physicist in his field for his work in research, education, writing, and providing education. He completed his education in reputed universities like Cornell and the University of Arizona and chased his personal interest in Nuclear Physics through academic works and imparting education.

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