Useful Atomic Data

Symbol	Quantity	Established value	Value used for calculations in this book
m_e	mass of electron	$9.109\,3826 \times 10^{-31}$ kg $5.485\,799\,0945 \times 10^{-4}$ u 0.510 998 918 MeV	9.109×10^{-31} kg 5.49×10^{-4} u 5.110×10^{-1} MeV
m_n	mass of neutron	$1.674\,927\,28 \times 10^{-27}$ kg 1.008 664 915 60 u 939.565 360 MeV	1.675×10^{-27} kg 1.008 665 u 9.396×10^{2} MeV
m_p	mass of proton	$1.672\,621\,71 \times 10^{-27}$ kg 1.007 276 466 88 u 938.272 029 MeV	1.673×10^{-27} kg 1.007 276 u 9.383×10^{2} MeV