

Errata to “Energy Levels of Light Nuclei. VI” (Nuclear Physics 11 (1959) 1)

in Table of Atomic Mass Excesses ($M - A$) in MeV: for ${}^3\text{H}$, change 15.358 ± 0.005 to 15.835 ± 0.005 .

in References List: change HA59C(1959HA1G) to HA49C(1949HA1B) (for $A = 17$).

in Table 5.2, Resonance parameters for ${}^3\text{H}(d, n){}^4\text{He}$ and ${}^3\text{He}(d, p){}^4\text{He}$: in footnote ^a, change ${}^3\text{H}(d, n){}^3\text{He}$ to ${}^3\text{H}(d, n){}^4\text{He}$.

in ${}^5\text{He}$, reaction 2, third paragraph: change ${}^3\text{H}(d, p){}^4\text{He}$ to ${}^3\text{H}(d, p){}^4\text{H}$.

in ${}^5\text{He}$, reaction 5: change (JA56D) to (JA58/1958JA06). (Added on 03/20/2017)

in ${}^5\text{He}$, reaction 8, next to last paragraph: change “(see ${}^3\text{H}(d, n){}^3\text{He}$)” to (see ${}^3\text{H}(d, n){}^4\text{He}$).

in ${}^5\text{He}$, reaction 16: change (WE58/1958WE29) to (WE58A/1958WE27). (Added on 03/22/2017)

in Table 7.1, Energy levels of ${}^7\text{Li}$: change $E_x = 0.4780 \pm 0.003$ MeV to 0.4780 ± 0.0003 .

in Table 7.2, change ${}^6\text{Li}(n, \alpha){}^3\text{He}$ to ${}^6\text{Li}(n, \alpha){}^3\text{H}$ and change ${}^6\text{Li}(p, \alpha){}^3\text{H}$ to ${}^6\text{Li}(p, \alpha){}^3\text{He}$.

in ${}^8\text{Be}$, change reaction 6 (b) to ${}^6\text{Li}(d, p){}^4\text{He} + {}^3\text{H}$.

in ${}^8\text{Be}$, first paragraph under reaction 15, change ${}^7\text{Li}(d, n){}^7\text{Be}$ to ${}^6\text{Li}(d, n){}^7\text{Be}$.

in ${}^8\text{Be}$, second paragraph under reaction 39, change TI56A to TI55A(1955TI1A).

in Table 8.3, for the row for $E_x = 2.90$ MeV, change reaction XXXIL to XXXIX.

in Table 8.7, change ${}^7\text{Li}(p, \gamma){}^7\text{Be}$ to ${}^7\text{Li}(p, \gamma){}^8\text{Be}$.

in Table 8.7, columns 1 to 12 of the 3rd row should be blank corresponding to references 1954KR06, 1954MO04); shift down the row of $E_{\text{res}} = 1900$ keV to the 4th row and add references (1957NE22, 1958MA07) in the last column. (Added on 07/22/2019)

in ${}^9\text{Be}$, second paragraph under reaction 10, change BA56L to BA58L(1958BA60).

in ${}^{10}\text{Be}$, reaction 1: change (KU49A) to HU49A(1949HU19).

in ${}^{10}\text{B}$, reaction 19: the ft values need to be switched: change “are 3.7 and 3.2” to 3.2 and 3.7; $E_{\beta^+}(\text{max}) = 2.10 \pm 0.1$ should be $E_{\beta^+}(\text{max}) = 2.2 \pm 0.1$.

in Table 11.1, Energy levels in ^{11}B : for the $E_x = 6.758 \pm 7$, add reaction 1 to the Reactions column.

in ^{11}C , reaction 1: change “The mean of half-lives reported in (AJ55/1955AJ61) is 20.44 ± 0.04 min” to “The mean of half-lives reported in (AJ55/1955AJ61) is 20.36 ± 0.05 min”. (Added on 02/10/2009)

in ^{13}C , reaction 4: change $^9\text{Be}(\alpha, n)^{13}\text{C}$ to $^9\text{Be}(\alpha, n)^{12}\text{C}$.

in Table 16.3, Energy levels of ^{16}O : for $E_x = 6.056 \pm 0.010$ MeV, delete reaction 26 from the Reactions column and replace it with reaction 36.

in ^{16}O , reaction 15: change $^{12}\text{C}(\text{d}, \alpha)^{14}\text{N}$ to $^{12}\text{C}(\alpha, \text{d})^{14}\text{N}$.

in ^{17}O , reaction 16: change $^{13}\text{C}(\alpha, n)^{17}\text{O}$ to $^{13}\text{C}(\alpha, n)^{16}\text{O}$.

in ^{17}F , reaction 1: change WO54A(1954WO23) to WO54B(1954WO20).

in ^{17}F , reaction 4, 3rd paragraph: change $\sigma = 0.29 \pm 0.03 \times 10^{-6}$ b to $\sigma = 0.29 \pm 0.03 \mu\text{b}$.

in ^{18}O , reaction 10: change AH54E to AH54C(1954AH37).

in Table 18.5, the first column: the unit for $E_\alpha = 3.67 - 5.2$ should be changed from keV to MeV.

in ^{19}F , reaction 27, 3rd paragraph: change TR56B to TR55B(1955TR1C).

in ^{19}Ne , reaction 5: change $E_p = 4240 \pm 8$ keV to $E_{\text{thresh.}} = 4240 \pm 8$ keV.

in Table 20.14: change E_γ (keV) in first column to E_p (keV).

in ^{20}Ne , reaction 16: change all WO54B(1954WO20) to WO54A(1954WO23).