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

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

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

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

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

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

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

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

in Table 7.1, Energy levels of \(^7\)Li: change \(E_x = 0.4780 \pm 0.003\) MeV to 0.4780 \(\pm\) 0.0003.

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

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

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

in \(^8\)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 \(^7\)Li(p, \(\gamma\)\(^7\)Be to \(^7\)Li(p, \(\gamma\)\(^8\)Be.

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

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

in \(^{10}\)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 $20.44 \pm 0.04$ min” to “The mean of half-lives reported in (AJ55/1955AJ61) is $20.36 \pm 0.05$ min”. (Added on 02/10/2009)

in $^{13}$C, reaction 4: change $^9$Be($\alpha$, n)$^{13}$C to $^9$Be($\alpha$, n)$^{12}$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 $^{12}$C(d, $\alpha$)$^{14}$N to $^{12}$C($\alpha$, d)$^{14}$N.

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


in $^{17}$F, reaction 4, 3rd paragraph: change $\sigma = 0.29 \pm 0.03 \times 10^{-6}$ b to $\sigma = 0.29 \pm 0.03 \mu$ 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 $E_\gamma$ (keV) in first column to $E_p$ (keV).