

Errata to “Energy Levels of Light Nuclei, A = 8 – 10” (Nuclear Physics A745 (2004) 155)

I. Under ${}^8\text{Li}$:

1. reaction 1, first paragraph: “...state are $\log ft = 5.4...$ ” should read as state are $\log ft = 5.37$.
2. reaction 4, “... $40 \pm 2(\text{stat.}) \pm 4(\text{syst.}) \mu\text{b}$ ” should read as $40 \pm 2(\text{stat.}) \pm 4(\text{syst.}) \text{mb}$. “ $\sigma_{\text{thermal}} = 45.4 \pm 3.0 \mu\text{-barns}$ ” should read as $\sigma_{\text{thermal}} = 45.4 \pm 3.0 \text{mb}$. (Added on 05/15/2006)
3. Table 8.2, for footnote numbering: Change second a to b, and change third a to c. (Added on 06/03/2008)

II. Under ${}^8\text{B}$:

1. Table 8.18, footnote ^e: 2001JUZZ should read as 2002JU01.

III. Under ${}^9\text{He}$:

1. Page 214, under *Mass of ${}^9\text{He}$* : 2000CH31 should read as 2001CH31. (Added on 04/11/2011; Thanks to Dr. Ken Nollett for pointing out this error.)

IV. Under ${}^9\text{Be}$:

1. Table 9.2: Remove the entire footnote ^g from table.
2. reaction 12: Add a 9 in front of $((g_A/g_V)_{\text{eff}})^2$.

V. Under ${}^9\text{B}$:

1. Table 9.14: in footnote ^a, add $(\times 0.864)$ after normalization; in footnote ^c add “from this state” at the end. (Added on 03/12/2013)

VI. Under ${}^9\text{C}$:

1. in *General* section, under *Ground state properties*: $\mu = -3.3914 \pm 0.0005 \mu_N$ should read as $\mu = -1.3914 \pm 0.0005 \mu_N$; all 1988HU08 should read as 1998HU08. (Added on 04/08/2014)

VII. Under ${}^{10}\text{Be}$:

1. reaction 14, third paragraph: “In this experiment $E_x = 3368.4 \pm 0.43 \text{keV}...$ ” should read as “In this experiment $E_x = 3368.34 \pm 0.43 \text{keV}...$ ”. (Added on 10/05/2006)
2. Table 10.12, for E_x : “ 3368.0 ± 0.2 ” should read as “ 3368.34 ± 0.43 ^b”. Add footnote ^b: From (1999BU26). (Added on 10/05/2006)
3. reaction 17: Reference 1998KO17 should read as 1989KO17.
4. reaction 20: “Differential cross sections for ${}^9\text{Be}({}^{11}\text{B}, {}^{10}\text{B}){}^{10}\text{Be}$ were measured for” should read as Differential cross sections for ${}^9\text{Be}({}^{11}\text{B}, {}^{10}\text{B}){}^{10}\text{Be}$ were measured at $E({}^{11}\text{B}) = 45 \text{MeV}$ for.

VIII. Under ^{10}B :

1. reaction 2, change 1994FU07 to 1994FU17. (Added on 01/04/2021)
2. Table 10.18: change $\Gamma_{\text{cm}} = 0.054 \pm 0.024$ keV under $E_x = 6.0250 \pm 0.6$ (MeV \pm keV) to $\Gamma_{\text{cm}} = 0.052 \pm 0.019$ keV ; change $J^\pi = 4^-$ under $E_x = 6.560 \pm 1.9$ (MeV \pm keV) to $J^\pi = (4)^-$; change $J^\pi = (3^+)$ under $E_x = 7.002 \pm 6$ (MeV \pm keV) to $J^\pi = 3^+$; change $J^\pi = (3^+)$ under $E_x = 8.68$ MeV to $J^\pi = (1^+, 2^+)$. (Added on 07/26/2012)
3. Table 10.23, footnote ^a: change “Table 10.9 in (1974AJ01)” to “Table 10.8 in (1974AJ01).”. (Added on 09/10/2020)

IX. Under ^{10}C :

1. reaction 1: 19282 ± 20 ms (1974AZ01) should read as 19280 ± 20 ms (1974AZ01). (Added on 04/11/2007)
2. Table 10.32, footnote ^a: lifetimes should read as lifetime.

X. Under ^{10}N :

1. 2.64 ± 0.4 MeV should read as 2.6 ± 0.4 MeV. (Added on 08/02/2017)

XI. Figure 2: Remove “n-decay arrow” on the right from ≈ 9.67 level. (Added on 06/03/2008)

XII. Figure 14: Correct “ $\frac{7.8803}{9\text{B}+\text{n}}$ ” on the left to “ $\frac{8.4363}{9\text{B}+\text{n}}$ ”. (Added on 03/26/2006)

XIII. A = 10 Isobar Diagram: Remove footnote ^a entirely from the caption.