

Errata to “Energy Levels of Light Nuclei, $A = 11-12$ ” (Nuclear Physics A433 (1985) 1)

in Table 1 of the Introduction: The following columns within the table need to be changed to the table below:

Nuclide	$E_{x_i} \rightarrow E_{x_f}$ (MeV)	Γ_γ (eV)	S (W.u.)
$^{11}\text{B}^a$	4.445 \rightarrow 0	0.54 ± 0.02 $(2.0 \pm 0.5) \times 10^{-2}$	0.29 ± 0.01 S is OK
$^{11}\text{B}^b$	8.920 \rightarrow 0	4.10 ± 0.20 $(5.0 \pm 3.6) \times 10^{-2}$	0.28 ± 0.01 0.7 ± 0.5
$^{12}\text{C}^b$	8.920 \rightarrow 4.445	0.22 ± 0.02	0.12 ± 0.01
	15.11 \rightarrow 12.71	The T of the final state is 0.	

in ^{11}B , reaction 20, first paragraph: “The ground-state branching...” should read as The α_0/α_1 branching...^b

in ^{11}C , reaction 1: The mean half-life, 1223.1 ± 1.2 sec, may not be correct since the weighted mean value in Table 11.15 in (AJ68/1968AJ02) needs to be corrected due to the typo value for (SO41/1941SO01); see Erratum in (1968AJ02) and in (1975AJ02). (Added on 02/10/2009)

in ^{12}Be , reaction 2, change $E_x = 2115 \pm 15$ keV to $E_x = 2110 \pm 15$ keV. (Added on 05/25/2016)

in ^{12}C , under “Pion capture and reactions (See also reactions 31, 36, 37 and 65.)” in GENERAL section: delete Ak81b (same as Ak81a/1981AK01). (Added on 08/05/2019)

in ^{12}C , reaction 17(b): $^{10}\text{B}(^3\text{He}, p\alpha)^8\text{B}$ should be $^{10}\text{B}(^3\text{He}, p\alpha)^8\text{Be}$.

in Table 12.6: remove decay mode n in 4th column for $E_x = 18.35 \pm 50$ (MeV \pm keV): J^π ; $T = 2^-$; $0 + 1$ state. (Added on 06/27/2018)

in Table 12.7: add footnote ^h to $\Gamma_{\gamma_0} = 38.5 \pm 0.8$ eV under 15.11-MeV level. (Added on 06/11/2013)

in Table 12.9: move 252 ± 15 in the $\Gamma_{c.m.}$ (keV) column to the next row, $E_x = 14.083 \pm 15$ (MeV \pm keV). (Added on 05/18/2015)

in Table 12.14: The ground-state (g.s.) branch (Branch (%)) = $(97.22 \pm 0.30)\%$ and not 97.14.

in Table 12.15: after footnote ^h, add footnote, ⁱ See (AN72/1972AN03). Widths for these states have also been calculated. (Added on 06/11/2013)

in Table 12.18: after footnote ^g, add footnote, ^h This footnote has not been defined - unknown footnote. (Added on 06/11/2013)

in Table 12.19, footnote ^g: "...states: if 50,..." should read as ...states: if so,...

in Table 12.21, The title should show β^+ and not β^- . The branching of the 12.71 state should be $(0.31 \pm 0.12)\%$ and not 0.29 ± 0.13 ; and the $\log ft$ should be 3.52 ± 0.14 and not 3.54 ± 0.16 .

in ^{12}C , reaction 72, change " $\dots\Gamma_{\alpha_1} < 0.1$ for the first $T = 2$ state and ..." to " $\dots\Gamma_{\alpha_1}/\Gamma < 0.1$ for the first $T = 2$ state and ...". (Added on 11/14/2016)

in ^{12}C , reaction 85: (p, p, α) should read as (p, p α).

in Table 12.23, footnote ^c, "...in Table 12.28 (AJ80)" should read as ...in Table 12.23 (AJ80). (Added on 07/18/2013)

^a I am indebted to Dr. J. Millener for his comments.

^b I am indebted to Dr. R.W. Kavanagh for his comments.