

## 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)	$\Gamma_\gamma$ (eV)	$S$ (W.u.)
$^{11}\text{B}$ <sup>a</sup>	4.445 $\rightarrow$ 0	$0.54 \pm 0.02$ $(2.0 \pm 0.5) \times 10^{-2}$	$0.29 \pm 0.01$ $S$ is OK
	8.920 $\rightarrow$ 0	$4.10 \pm 0.20$ $(5.0 \pm 3.6) \times 10^{-2}$	$0.28 \pm 0.01$ $0.7 \pm 0.5$
$^{12}\text{C}$ <sup>b</sup>	8.920 $\rightarrow$ 4.445	$0.22 \pm 0.02$	$0.12 \pm 0.01$
	15.11 $\rightarrow$ 12.71	The $T$ of the final state is 0.	

in  $^{11}\text{B}$ , reaction 20, first paragraph: “The ground-state branching...” should read as The  $\alpha_0/\alpha_1$  branching... <sup>b</sup>

in  $^{11}\text{C}$ , reaction 1: The mean half-life,  $1223.1 \pm 1.2$  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  $^{12}\text{C}$ , 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 12.14, Branching in  $^{12}\text{B}(\beta^-)^{12}\text{C}$  <sup>b</sup>: The ground-state (g.s.) branch (Branch (%)) =  $(97.22 \pm 0.30)\%$ .

in Table 12.19, States of  $^{12}\text{C}$  from  $^{12}\text{C}(^3\text{He}, ^3\text{He})$ ,  $^{12}\text{C}(\alpha, \alpha)$  and  $^{14}\text{N}(d, \alpha)$ , footnote <sup>g</sup>: “...states: if 50,...” should read as ...states: if so,...

in Table 12.21, Branching in  $^{12}\text{N}(\beta^-)^{12}\text{C}$  <sup>b</sup>: The title should show  $\beta^+$  and not  $\beta^-$ . The branching of the 12.71 state should be  $(0.31 \pm 0.12)\%$  and not  $0.29 \pm 0.13$ ; and the  $\log ft$  should be  $3.52 \pm 0.14$  and not  $3.54 \pm 0.16$ .

in  $^{12}\text{C}$ , reaction 85: (p, p,  $\alpha$ ) should read as (p, p $\alpha$ ).

---

<sup>a</sup> I am indebted to Dr. J. Millener for his comments.

<sup>b</sup> I am indebted to Dr. R.W. Kavanagh for his comments.