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:

<table>
<thead>
<tr>
<th>Nuclide</th>
<th>$E_{x_i} \rightarrow E_{x_f}$ (MeV)</th>
<th>$\Gamma_{\gamma}$ (eV)</th>
<th>$S$ (W.u.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$^{11}\text{B}$ a</td>
<td>4.445 $\rightarrow$ 0</td>
<td>$0.54 \pm 0.02$</td>
<td>$0.29 \pm 0.01$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$(2.0 \pm 0.5) \times 10^{-2}$</td>
<td></td>
</tr>
<tr>
<td>$^{11}\text{B}$ b</td>
<td>8.920 $\rightarrow$ 0</td>
<td>$4.10 \pm 0.20$</td>
<td>$0.28 \pm 0.01$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$(5.0 \pm 3.6) \times 10^{-2}$</td>
<td>$0.7 \pm 0.5$</td>
</tr>
<tr>
<td>$^{12}\text{C}$ b</td>
<td>8.920 $\rightarrow$ 4.445</td>
<td>$0.22 \pm 0.02$</td>
<td>$0.12 \pm 0.01$</td>
</tr>
<tr>
<td>15.11 $\rightarrow$ 12.71</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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...

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

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

in Table 12.7: add footnote 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 $\pm$ 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, add footnote, See (AN72/1972AN03). Widths for these states have also been calculated. (Added on 06/11/2013)

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

in Table 12.19, footnote: “...states: if 50,...” should read as ...states: if so,...

in Table 12.21, 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 $^{12}$C, reaction 72, change “...$\Gamma_{\alpha_1} < 0.1$ for the first $T = 2$ state and ...” to “...$\Gamma_{\alpha_1}/\Gamma < 0.1$ for the first $T = 2$ state and ...”. (Added on 11/14/2016)

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

in Table 12.23, footnote, “...in Table 12.28 (AJ80)” should read as ...in Table 12.23 (AJ80). (Added on 07/18/2013)

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