

Errata to “Energy Levels of Light Nuclei, $A = 18\text{--}20$ ” (Nuclear Physics A190 (1972) 1)

in Table 18.10, Energy levels of ^{18}F : For the (5.599 ± 11) level, change $J^\pi; T$ from $(4^+); 0$ to $(4^+; 0)$.

in ^{18}F , reaction 7: Change $^{14}\text{N}(\alpha, p)^{17}\text{F}$ to $^{14}\text{N}(\alpha, p)^{17}\text{O}$.

in Table 18.20, Resonances in $^{17}\text{O} + p$: For the $E_x = 6.135$ MeV level, change the $J^\pi; T$ from $0^+; 1$ to $0^+; (1)$.

in Table 19.3: For the last column under heading E_x (MeV \pm keV): change (HI71K) to (HI71C)/(1971HI06).

in Table 19.9, Radiative transitions in ^{19}F : For the column heading for column 6, change from Γ_γ (MeV) to Γ_γ (meV).

in Table 19.14, for the row of $E_p = 4.78$ MeV, add footnote ^c in the J^π column. (Added on 04/05/2016)

in Table 19.16, for footnote ^d, change (RO71F)/(1971RO13) to (KA70G)/(1970KA31). (Added on 04/11/2016)

in Table 19.25, for footnote ^c, change (GU68G)/(1968GU07) to (GI70E)/(1970GI09). (Added on 01/12/2022)

in ^{19}F : completely delete reaction 44.

in ^{20}Ne , reaction 29: change WO54B(1954WO20) to WO54A(1954WO23).

in Table 20.6, radiative transitions in ^{20}F : The decay of $^{20}\text{F}^*(4.08)$ is $35 \pm 5\%$ to $^{20}\text{F}_{\text{g.s.}}$ and $65 \pm 5\%$ to $^{20}\text{F}^*(1.06)$.

in Table 20.11: remove footnote ^a at the end of the table title.

in Table 20.15, Energy levels of ^{20}Ne : For the level at 10.853 ± 10 , change $J^\pi; T$ from $(2^+); 1$ to $(1, 2, 3)^+; 1$.

in Table 20.16, add footnote ^g to 11.99 ^f in 3rd column. (Added on 04/19/2016)

Note: footnote ^j in Table 20.17, footnote ⁱ in Table 20.27 (best guess: footnote ⁱ is for $E_p = 4090$ keV) and footnote ^c in Table 20.34 are not labeled in the tabulars. (Added on 05/03/2016)

in Table 20.25: total < 0.034 is for the last three columns: α_1 , α_2 , and α_3 .

in Table 20.31, Neutron groups from $^{19}\text{F}(d, n)^{20}\text{Ne}$: The level at 6.80 ± 10 has a $J^\pi = 0^+$.

in Table 20.33: change WO54B(1954WO20) to WO54A(1954WO23).