

Errata to “Energy Levels of Light Nuclei, A = 16 – 17” (Nuclear Physics A281 (1977) 1)

in Table 16.9, Energy levels of  $^{16}\text{O}$ , and in the Energy level diagram for  $^{16}\text{O}$ , as well as the Isobar diagram for  $A = 16$ : The broad 14.0 MeV state in  $^{16}\text{O}$  should be deleted and the state at (17.0) MeV should be designated as doubtful<sup>1</sup>.

$E_x$ (MeV $\pm$ keV)	$J^\pi; T$	$K^\pi$	$\Gamma_{\text{c.m.}}$ (keV)	Decay	Reactions
(17.0)	$1^-; 1$		$\approx 1400$	$\gamma, p$	46

in  $^{16}\text{O}$ , under “GENERAL” section: WE74M(1974WE1L) should be corrected to WE73S(1973WE14) under “*Electromagnetic transitions*” section, and WE74M(1974WE1L) under “*Other topics*” section should be deleted.

in  $^{16}\text{O}$ , reaction 42: change GU76J to GU71J(1971GU22). (Added on 05/28/2015)

in  $^{16}\text{O}$ , reaction 56: the reaction  $^{16}\text{O}(\gamma, 2n)^{16}\text{O}$  is incorrect. Change to  $^{16}\text{O}(\gamma, 2n)^{14}\text{O}$ .

in  $^{16}\text{O}$ , reaction 82 (c): the reaction  $^{18}\text{O}(p, p\alpha)^{12}\text{C}$  is incorrect. Change to  $^{18}\text{O}(p, t\alpha)^{12}\text{C}$ .

in  $^{16}\text{F}$ , reaction 3: change “see reaction 29 in  $^{16}\text{N}$ ” to “see reaction 28 in  $^{16}\text{N}$ ”.

in Table 17.3, Comparison of  $^{17}\text{N}$  and  $^{17}\text{Ne}$   $\beta$ -decay, footnote <sup>e</sup>: change Table 16.2 to read as Table 17.2.

in  $^{17}\text{N}$ , reaction 11: change Table 16.4 to read as Table 17.4.

in  $^{17}\text{F}$ , reaction 1: change  $\log ft > 8.6$  to read as  $\log ft > 5.6$ .

<sup>1</sup> I am indebted to Prof. H.T. Richards for his critical comments.