Erratum: High-spin states in ^{156}Yb and structure evolutions at large angular momenta in even-*A* Yb isotopes [Phys. Rev. C 77, 064323 (2008)]

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L. Y. Ma, F. Lu, F. Y. Fan, L. Y. Han, H. Wang, J. Xiao, D. Chen, X. Fang, J. L. Lou, S. G. Zhou, L. H. Zhu, X. G. Wu, G. S. Li,
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In the original article, we determined the level energies through the energies of strong transitions. The energies of the relatively weak and linking transitions were deduced to be the differences between the initial and the final states, resulting in a χ^2 of almost zero. In this Erratum, the energies of all γ transitions have been changed to their measured values from the fitting of our data. The corrected versions of level scheme (Fig. 1), typical prompt γ-γ coincidence spectra (Fig. 2), and table of dominant configurations (Table I), are shown below.

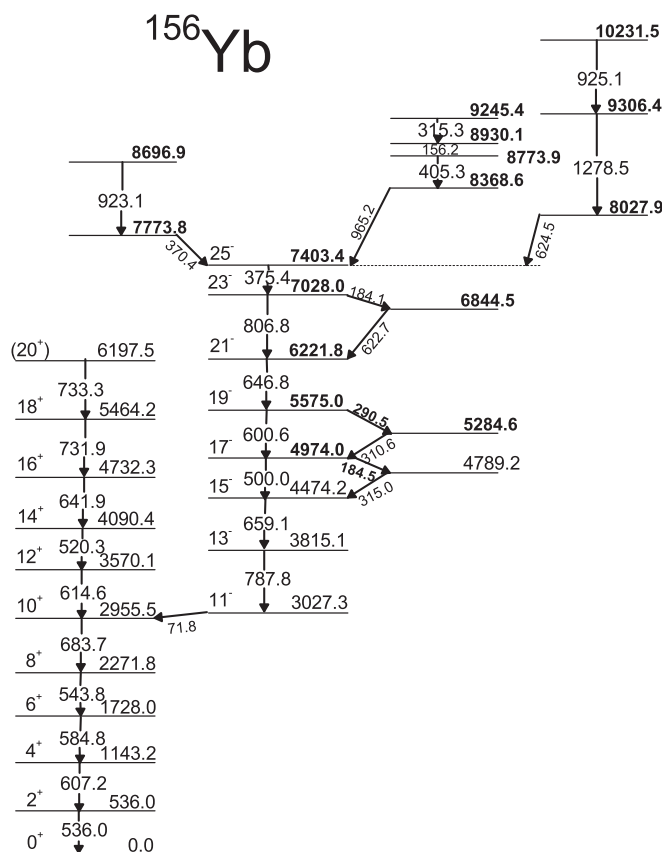The conclusions of the original article are not affected.

FIG. 1. Partial level scheme of ^{156}Yb. Energies are in keV. New levels observed in the current paper are labeled with stars. The energies which are updated in this Erratum are marked in bold. (See Fig. 4 in the original paper.)
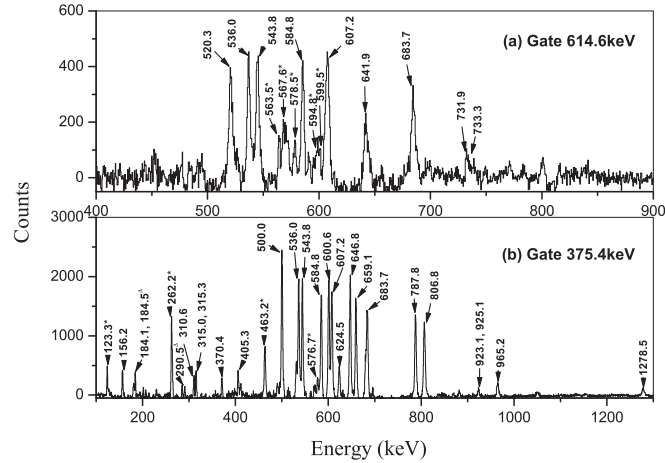
FIG. 2. Coincident γ-ray spectra with gating on (a) 614.6-keV transition; (b) 375.4-keV transition. The peaks marked star are known contaminants from the neighboring Tm and Yb nuclei. The transition for which the earlier energy is updated in this Erratum is marked by the triangle. (See Fig. 3 in the original paper.)

TABLE I. γ-ray energies, excitation energies, relative γ-ray intensities, and deexciting oriented state (DCO) ratios in ^{152}Gd. (See Table I in the original paper.)

E_γ (keV)[a]	E_i (keV)[a]	E_f (keV)[a]	Int. (%)	DCO ratio	The γ-ray gate for DCO ratio (keV)	Assignment
71.8	3027.3	2955.5				$11^- \to 10^+$
156.2	**8930.1**	**8773.9**	2.4(0.1)	0.47(0.09)	375.4	$\lambda = 1$
184.1	**7028.0**	**6844.5**				
184.5	**4974.0**	4789.2				
290.5	**5575.0**	**5284.6**	3.3(0.1)			
310.6	**5284.6**	**4974.0**	3.7(0.2)			
315.0	4789.2	4474.2				
315.3	**9245.4**	**8930.1**				
370.4	**7773.8**	**7403.4**	1.5(0.3)	1.37(0.68)	375.4	$\lambda = 2$
375.4	**7403.4**	**7028.0**	15.4(2.0)	0.84(0.06)	646.8	$25^- \to 23^-$
405.3	**8773.9**	**8368.6**	3.5(0.3)	0.78(0.35)	375.4	$\lambda = 2$
500.0	**4974.0**	4474.2	27.1(0.7)	1.06(0.06)	787.8	$17^- \to 15^-$
520.3	4090.4	3570.1	7.4(0.2)	0.83(0.15)	614.6	$14^+ \to 12^+$
536.0	536.0	0	100	1.42(0.12)	607.2	$2^+ \to 0^+$
543.8	2271.8	1728.0	70.9(1.9)	2.22(0.15)	536.0	$8^+ \to 6^+$
584.8	1728.0	1143.2	88.9(3.4)	2.37(0.11)	536.0	$6^+ \to 4^+$
600.6	**5575.0**	**4974.0**	24.1(0.7)	1.20(0.22)	659.1	$19^- \to 17^-$
607.2	1143.2	536.0	95.4(4.1)	1.86(0.11)	536.0	$4^+ \to 2^+$
614.6	3570.1	2955.5	20.3(0.4)	1.40(0.18)	584.8	$12^+ \to 10^+$
622.7	**6844.5**	**6221.8**				
624.5	**8027.9**	**7403.4**	6.2(1.4)			
641.9	4732.3	4090.4	5.3(0.2)	0.85(0.16)	614.6	$16^+ \to 14^+$
646.8	**6221.8**	**5575.0**	23.2(0.9)	1.85(0.08)	659.1	$21^- \to 19^-$
659.1	4474.2	3815.1	34.6(0.6)	1.17(0.06)	787.8	$15^- \to 13^-$
683.7	2955.5	2271.8	62.4(5.9)	1.83(0.10)	607.2	$10^+ \to 8^+$
731.9	5464.2	4732.3	1.4(0.1)	0.94(0.67)	614.6	$18^+ \to 16^+$
733.3	6197.5	5464.2				$(20^+) \to 18^+$
787.8	3815.1	3027.3	37.1(0.9)	1.37(0.12)	543.8	$13^- \to 11^-$
806.8	**7028.0**	**6221.8**	18.1(0.3)	0.97(0.23)	646.8	$23^- \to 21^-$
923.1	**8696.9**	**7773.8**				
925.1	**10231.5**	**9306.4**				
965.2	**8368.6**	**7403.4**	5.7(0.5)			
1278.5	**9306.4**	**8027.9**	2.8(0.3)			

[a]The energies which are updated in this Erratum are marked in bold.