Erratum: Structure of two-, four-, and six-quasiparticle isomers in ^{174}Yb and *K*-forbidden decays [Phys. Rev. C 71, 044326 (2005)]

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The half-life of the 6^+ state in ^{174}Yb of 830(50) μs was incorrectly shown as the mean-life on the level scheme (Fig. 2) and in Table III where transition strengths were listed. Use of the corresponding mean-life of 1198(72) μs and more accurate values for the intensity of the 1265 keV and 628 keV branches leads to the modified transition strengths and hindrances given below, where the main part of the table is reproduced. (Errors are also shown on the reduced hindrances for the 628 and 1265 keV transitions.) The modifications do not affect the original conclusions. Several other typographical errors are corrected in the table, including the unit for magnetic transitions which had been omitted and a degree of forbiddenness of $\nu = 3$ rather than $\nu = 4$ for the 193 keV $E2$ transition from the 7^- isomer. Also, on p. 8 of the text, in reference to the tunneling estimate for the 6^+, $E2$ hindrance, the predicted value was given as $F = 7.5 \times 10^8$. This should have read $F = 7.5 \times 10^7$ which corresponds to the reduced hindrance value $f_\nu = 93$ quoted in the text and used in the interpretation.

TABLE I. Transition strengths and hindrances for decays from isomers in ^{174}Yb.

Initial state J^π	E_γ (keV)	I_γ relative	$M\lambda$	α_T	$B(E\lambda)$ (e^2 fm$^{2\lambda}$ or μ_0^2 fm$^{2\lambda-2}$)	Hindrance	ν	f_ν [a]
6^+	628	4.2(7)	$E2$	0.010	$2.93(54)\times10^{-7}$	$1.96(36)\times10^{8}$	4	118(5)
1198(72)μs	992	93.7(19)	$M1/E2$	0.030	$4.54(30)\times10^{-11}$	$3.94(26)\times10^{10}$	5	132
	1265	2.0(4)	$E2$	0.0024	$4.3(8)\times10^{-9}$	$1.35(25)\times10^{10}$	4	341(16)
7^-	247	4.8(2)	$E1$	0.047	$5.40(42)\times10^{-9}$	$3.72(29)\times10^{8}$	0	
370(16) ns	876	13.4(12)	$E1$	0.0019	$3.37(36)\times10^{-10}$	$5.97(64)\times10^{9}$	6	43; *13.5*
	1239	81.5(39)	$E1$	0.0010	$7.25(56)\times10^{-10}$	$2.78(21)\times10^{9}$	6	38; *11.8*
	193	0.35(12)	$E2$	0.305	$2.9(9)\times10^{-2}$	$1.99(62)\times10^{3}$	3	12.6
14^+	410	32.3(22)	$M1$	0.071	$3.22(34)\times10^{-6}$	$5.54(58)\times10^{5}$	7	6.6
80(6) ns	696	52.4(21)	$M1$	0.0183	$1.07(10)\times10^{-6}$	$1.68(16)\times10^{6}$	7	7.7
	964	13.9(9)	$E2$	0.004	$1.65(17)\times10^{-3}$	$3.50(36)\times10^{4}$	6	5.7
	786	1.4(3)	$E1$	0.0024	$2.18(44)\times10^{-10}$	$9.2(18)\times10^{9}$	6	45.8; *14.4*

[a] Values in italics include an additional factor of 10^3 in the expected single-particle hindrance for $E1$ transitions.

