Erratum: Quasiparticle alignments and α-decay fine structure of ^{175}Pt [Phys. Rev. C 89, 024316 (2014)]

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The given weighted average half-life value of 2.43(4) s contains an error due to a mistake that occurred when the value was calculated. The correct value is 2.38(4) s. This change in the half-life value causes minor changes in the reduced width and hindrance factor values given in Table I of the original article. Table I with the values calculated using the corrected half-life value, is reprinted here. These changes do not affect conclusions made in the article.

TABLE I. Decay spectroscopy data extracted from this experiment. For the ^{175}Pt ground-state half-life a weighted average value of the fitted half-lives 2.38(4) s is used. The half-lives are fitted to the recoil-α time-difference spectra, using the low count-rate horizontal strips of the DSSD for the recoil-alpha correlations. The reduced widths and the hindrance factors are calculated using the Rasmussen method [41] and the weighted average value for the half-life. The $\delta^2_{\mathrm{Ref}} = \frac{1}{2}(\delta_1^2 + \delta_2^2) = 109$ keV is taken according to Ref. [42], where the values for the nearest even-even neighbors, ^{174,176}Pt, are used.

Nucleus	E_α (keV)	$t_{\frac{1}{2}}$ (s)	b_α (%)	$\delta^2 = \lambda_\alpha h P^{-1}$ (keV)	Hindrance factor	J_f^π	E_γ (keV)	α_k
^{174}Pt	c[a]	0.93(3)						
^{171}Ir	5919(4)	1.14(5)[b]					91.7(4)	
^{172}Ir	5817(4)	1.81(4)[c]					161.6(4)	
^{175}Pt	5814(4)	2.6(3)[d]	4.0(9)[h]	17(4),31(7)	6(2),3.5(8)	$(7/2^-),(9/2^-)$	211.2(5)	
		2.34(8)[e]					134.1(4)	2.1(2)[i]
							76.7(3)	11.6(9)
	5819(4)		0.7(2)[h]	6(2)	20(6)	$(9/2^-)$	207.9(5)	
							130.8(4)	2.1(2)[i]
							76.7(3)	11.6(9)
^{175}Pt	5948(4)	2.39(5)[f]	55(5)[j]	66(7)	1.7(2)	$(7/2^-)$	76.7(3)	
^{175}Pt	6021(4)	2.39(6)[g]	4.8(8)[j]	5.1(9)	21(4)	$(5/2^-)$		

[a]Used for calibration.
[b]$E_\gamma = 91.7$ keV in coincidence with $E_\alpha = 5919$ keV is demanded.
[c]$E_\gamma = 161.6$ keV in coincidence with $E_\alpha = 5817$ keV is demanded.
[d]$E_\gamma = 207.9$ keV, 211.2 keV in coincidence with $E_\alpha = 5814$ keV, 5819 keV are demanded.
[e]$E_\gamma = 130.8$ keV, 134.1 keV in coincidence with $E_\alpha = 5814$ keV, 5189 keV are demanded.
[f]$E_\gamma = 76.7$ keV in coincidence with $E_\alpha = 5948$ keV is demanded.
[g]The prompt $E_\gamma = 328.6$ keV in delayed coincidence with $E_\alpha = 6021$ keV is demanded.
[h]$b_\alpha = 4.7\%$ [29] is divided by the total intensity ratio of the 130.8-keV and 134.1-keV transitions.
[i]This is the calculated value for both, the 130.8 keV and 134.1 keV, transitions together.
[j]The value is from Ref. [29].

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