1 Half-life, Q-value and Decay mode

$T_{1/2}$	:	14.02	(6)	$\times 10^9$ y
Q_α	:	4081.6	(14)	keV
α	:	100		%

2 α Emissions

	Energy keV	Probability × 100
$\alpha_{0,2}$	3810.0 (14)	0.068 (20)
$\alpha_{0,1}$	3948.5 (14)	21.0 (13)
$\alpha_{0,0}$	4011.2 (14)	78.9 (13)

3 Electron Emissions

		Energy keV	Electrons per 100 disint.
e_{AL}	(Ra)	5.71 - 19.09	8.18 (29)
e_{AK}	(Ra)		0.00019 (6)
	KLL	65.149 - 72.729	}
	KLX	79.721 - 88.466	}
	KXY	94.27 - 103.91	}

4 Photon Emissions

4.1 X-Ray Emissions

		Energy keV	Photons per 100 disint.	
XL	(Ra)	10.624 — 18.354	7.2 (3)	
$XK\alpha_2$	(Ra)	85.43	0.0017 (5)	} Kα
$XK\alpha_1$	(Ra)	88.47	0.0028 (8)	}
$XK\beta_3$	(Ra)	99.432	}	
$XK\beta_1$	(Ra)	100.13	} 0.00097 (28)	Kβ_1'
$XK\beta_5''$	(Ra)	100.738	}	
$XK\beta_2$	(Ra)	102.89	}	
$XK\beta_4$	(Ra)	103.295	} 0.00032 (10)	Kβ_2'
$XKO_{2,3}$	(Ra)	103.74	}	

4.2 Gamma Transitions and Emissions

	Energy keV	$P_{\gamma+ce}$ × 100	Multipolarity	α_T	P_γ × 100
$\gamma_{1,0}$(Ra)	63.811 (10)	21.1 (13)	E2	80.4 (12)	0.259 (15)
$\gamma_{2,1}$(Ra)	140.88 (1)	0.068 (20)	E2	2.26 (4)	0.021 (6)

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