

1 Half-life, Q-value and Decay mode

$T_{1/2}$:	36.0	(19)	$\times 10^{-3}$	s
Q_α	:	7262.5	(19)		keV
α	:	100			%

2 α Emissions

	Energy keV	Probability $\times 100$
$\alpha_{0,1}$	6531.1 (19)	0.127 (7)
$\alpha_{0,0}$	7129.2 (19)	99.873 (7)

3 Photon Emissions

3.1 X-Ray Emissions

		Energy keV	Photons per 100 disint.	
XL	(Po)	9.66 — 16.21	0.00080 (3)	
XK α_2	(Po)	76.864	0.00052 (4)	} K α
XK α_1	(Po)	79.293	0.00086 (6)	
XK β_3	(Po)	89.256	}	} K β'_1
XK β_1	(Po)	89.807	}	
XK β'_5	(Po)	90.363	}	
XK β_2	(Po)	92.263	}	} K β'_2
XK β_4	(Po)	92.618	}	
XK $O_{2,3}$	(Po)	92.983	}	

3.2 Gamma Transitions and Emissions

	Energy keV	$P_{\gamma+ce}$ $\times 100$	Multipolarity	α_T	P_γ $\times 100$
$\gamma_{1,0}(\text{Po})$	609.31 (6)	0.127 (7)	E2	0.0204 (3)	0.124 (7)

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