

1 Half-life, Q-value and Decay mode

$T_{1/2}$:	0.148	(4)	s
Q_α	:	6906.3	(5)	keV
α	:	100		%

2 α Emissions

	Energy keV	Probability $\times 100$
$\alpha_{0,1}$	5988.4 (7)	0.0019 (3)
$\alpha_{0,0}$	6778.4 (5)	99.9981 (3)

3 Electron Emissions

		Energy keV	Electrons per 100 disint.
e_{AL}	(Pb)	5.26 - 10.40	0.0000097 (10)
e_{AK}	(Pb)		0.00000056 (11)
	KLL	56.03 - 61.67	}
	KLX	68.18 - 74.97	}
	KXY	80.3 - 88.0	}

4 Photon Emissions

4.1 X-Ray Emissions

		Energy keV	Photons per 100 disint.	
XL	(Pb)	9.184 — 15.216	0.0000059 (6)	
XK α_2	(Pb)	72.8049	0.0000043 (7)	} K α
XK α_1	(Pb)	74.97	0.0000072 (12)	
XK β_3	(Pb)	84.451	}	} K β'_1
XK β_1	(Pb)	84.937	}	
XK β'_5	(Pb)	85.47	}	
XK β_2	(Pb)	87.238	}	} K β'_2
XK β_4	(Pb)	87.58	}	
XK $O_{2,3}$	(Pb)	87.911	}	

4.2 Gamma Transitions and Emissions

	Energy keV	$P_{\gamma+ce}$ $\times 100$	Multipolarity	α_T	P_γ $\times 100$
$\gamma_{1,0}(\text{Pb})$	804.9 (5)	0.0019 (3)	[E2]	0.01027 (15)	0.0019 (3)

5 References

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