

1 Half-life, Q-value and Decay mode

$T_{1/2}$:	0.516	(3)	s
Q_α	:	7594.48	(51)	keV
α	:	100		%

2 α Emissions

	Energy keV	Probability $\times 100$
$\alpha_{0,2}$	6568.4 (10)	0.523 (9)
$\alpha_{0,1}$	6891.2 (10)	0.541 (17)
$\alpha_{0,0}$	7450.2 (3)	98.936 (19)

3 Electron Emissions

		Energy keV	Electrons per 100 disint.
e _{AL}	(Pb)	5.33 - 15.82	0.01216 (17)
e _{AK}	(Pb)		0.00071 (8)
	KLL	56.028 - 61.669	}
	KLX	68.181 - 74.969	}
	KXY	80.3 - 88.0	}

4 Photon Emissions

4.1 X-Ray Emissions

		Energy keV	Photons per 100 disint.	
XL	(Pb)	9.186 — 15.2169	0.00740 (16)	
XK α_2	(Pb)	72.8049	0.00535 (14)	} K α
XK α_1	(Pb)	74.97	0.00900 (24)	}
XK β_3	(Pb)	84.451	}	
XK β_1	(Pb)	84.937	}	K β'_1
XK β'_5	(Pb)	85.47	}	
XK β_2	(Pb)	87.238	}	
XK β_4	(Pb)	87.58	}	K β'_2
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 $\times 100$
$\gamma_{2,1}(\text{Pb})$	328.2 (2)	0.0043 (15)	M1	0.334 (5)	0.0032 (11)
$\gamma_{1,0}(\text{Pb})$	569.65 (15)	0.546 (17)	E2	0.0216 (3)	0.534 (17)
$\gamma_{2,0}(\text{Pb})$	897.8 (2)	0.519 (9)	M1+E2	0.0233 (4)	0.507 (9)

5 References

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