

1 Half-life, Q-value and Decay mode

$T_{1/2}$:	4723	(27)	y
Q_α	:	5476.7	(9)	keV
α	:	99.97385	(7)	%
SF	:	0.02615	(7)	%

2 α Emissions

	Energy keV	Probability $\times 100$
$\alpha_{0,2}$	5242.5 (10)	0.020 (2)
$\alpha_{0,1}$	5343.7 (9)	20.81 (22)
$\alpha_{0,0}$	5387.5 (9)	79.17 (22)

3 Electron Emissions

	Energy keV	Electrons per 100 disint.
e _{AL}	(Pu) 6.19 - 22.99	7.20 (21)
ec _{1,0} L	(Pu) 21.441 - 26.488	15.1 (6)
ec _{1,0} M	(Pu) 38.612 - 40.770	4.22 (17)
ec _{1,0} N	(Pu) 42.986 - 44.121	1.161 (47)
ec _{2,1} L	(Pu) 79.7 - 84.7	0.0135 (15)

4 Photon Emissions**4.1 X-Ray Emissions**

	Energy keV	Photons per 100 disint.
XL (Pu)	12.125 — 21.984	7.95 (24)

4.2 Gamma Transitions and Emissions

	Energy keV	$P_{\gamma+ce}$ $\times 100$	Multipolarity	α_T	P_γ $\times 100$
$\gamma_{1,0}$ (Pu)	44.545 (9)	20.82 (22)	E2	746 (22)	0.0279 (8)
$\gamma_{2,1}$ (Pu)	102.8 (1)	0.020 (2)	E2	13.86 (42)	0.00134 (14)

5 References

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