

1 Half-life, Q-value and Decay mode

$T_{1/2}$:	56	(4)	s
Q_{β^-}	:	1566	(3)	keV
Q_{α}	:	6324	(15)	keV
α	:	~97		%
β^-	:	~3		%

2 β^- Transitions

	Energy keV	Probability $\times 100$	Nature	$\log ft$
$\beta_{0,0}^-$	1566 (3)	~3	1st forbidden non-unique	6.2

3 α Emissions

	Energy keV	Probability $\times 100$
$\alpha_{0,0}$	6208 (15)	~97

4 Electron Emissions

	Energy keV	Electrons per 100 disint.	Energy keV
$\beta_{0,0}^-$	max: 1566 (3)	~3	avg: 547 (2)

5 References

- E.K.HYDE, A.GHIORSO, Phys. Rev. 90 (1953) 267
(Half-life, Alpha emission energies, Alpha and beta minus decay, Alpha/beta minus ratio)
- D.G.BURKE, H.FOLGER, H.GABELMANN, E.HAGEBØ, P.HILL, P.HOFF, O.JONSSON, N.KAFFRELL, W.KURCEWICZ, G.LØVHØIDEN, K.NYBØ, G.NYMAN, H.RAVN, K.RIISAGER, J.ROGOWSKI, K.STEFFENSEN, T.F.THORSTEINSEN, THE ISOLDE COLLABORATION, Z. Phys. A333 (1989) 131
(Half-life)
- Y.A.AKOVALI, Nucl. Data Sheets 84 (1998) 1
(Alpha decay, r0 parameter)
- E.BROWNE, Nucl. Data Sheets 93 (2001) 763
(Nuclear structure, level energies)
- G.AUDI, A.H.WAPSTRA, C.THIBAULT, Nucl. Phys. A729 (2003) 337
(Q)
- G.AUDI, W.MENG, D.LUNNEY, B.PFEIFFER, AME2009, CSNSM, Orsay, France, private communication (2009)
(Q)