

$^{248}\text{Cm}, ^{252}\text{Cf}$ SF decay 2012Ku06

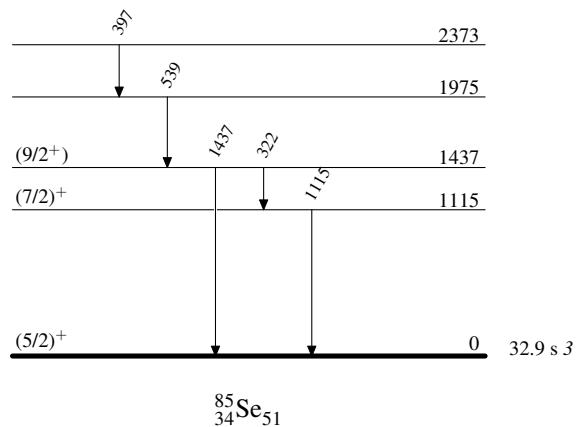
Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 116, 1 (2014)	31-Dec-2013

Parent: ^{248}Cm : E=0; $J^\pi=0^+$; $T_{1/2}=3.48\times 10^5$ y 6; %SF decay=?Parent: ^{252}Cf : E=0; $J^\pi=0^+$; $T_{1/2}=2.645$ y 8; %SF decay=?Measured prompt γ and $\gamma\gamma$ coin spectra using Eurogam2 array for ^{248}Cm SF decay, and Gammasphere array for ^{252}Cf SF decay.The detailed results of these studies are not given in [2012Ku06](#). ^{85}Se Levels

E(level)	$J^\pi \dagger$	$T_{1/2} \dagger$
0	(5/2) ⁺	32.9 s 3
1115	(7/2) ⁺	
1437	(9/2) ⁺	
1975		
2373		

[†] From Adopted Levels. $\gamma(^{85}\text{Se})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
322	1437	(9/2 ⁺)	1115	(7/2) ⁺
397	2373		1975	
539	1975		1437	(9/2 ⁺)
1115	1115	(7/2) ⁺	0	(5/2) ⁺
1437	1437	(9/2 ⁺)	0	(5/2) ⁺

$^{248}\text{Cm},^{252}\text{Cf}$ SF decay 2012Ku06Level Scheme $^{85}_{34}\text{Se}_{51}$