^{255}Lr IT decay (2.54 s) 2006Ch52

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli	NDS 114, 1041 (2013)	1-Nov-2011

Parent: ^{255}Lr: E=38 *10*; J^{π}=[7/2$^-$]; $T_{1/2}$=2.54 s *5*; %IT decay≈60.0
Produced in cold fusion-evaporation reaction ^{209}Bi(^{48}Ca,2n), E=217 MeV. Measured α, $T_{1/2}$.
Data based on ^{255}Lr (g.s. and isomer) α decay.

^{255}Lr Levels

E(level)	J^{π}	$T_{1/2}$	Comments
0	[1/2$^-$]	31.1 s *11*	$T_{1/2}$: From Adopted Levels, Gammas.
38 *10*	[7/2$^-$]	2.54 s *5*	%IT≈60 (2006Ch52) $T_{1/2}$: From Adopted Levels, Gammas.