^{235}U(n,Fγ) E=thermal 1973Kh05

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, A. Rodionov and G. Shulyak	NDS 136, 163 (2016)	14-Jul-2016

1973Kh05: ^{235}U(n,F), E=th; measured Eγ, Iγ, E(ce), (fission)γ, (fission)ce coin. ^{146}La, deduced transitions.
Fragment of the level scheme of 1998Hw08 was used by the evaluators.

^{146}La Levels

E(level)†	J$^{\pi}$†
0.0	(2$^-$)
0.0+x	(6$^-$)
130.87+x	
213.31+x	

† From 'Adopted Levels'.

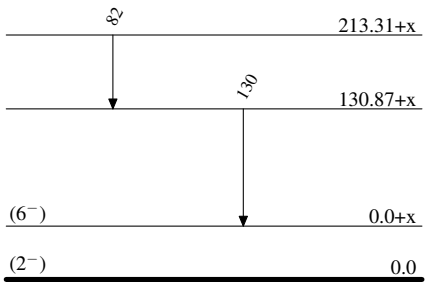
γ(^{146}La)

E$_\gamma$†‡	E$_i$(level)	E$_f$	J$^{\pi}_f$	Comments
82 *1*	213.31+x	130.87+x		ce(K)=43 *1* (1973Kh05)
130 *1*	130.87+x	0.0+x	(6$^-$)	ce(K)=91 *1* (1973Kh05)

† Energies of γ's are calculated in 1973Kh05 from measured electron energies taking into account the correction for the ionization of fission fragments.
‡ From 2012Mu08.

^{235}U(n,Fγ) E=thermal 1973Kh05

Level Scheme



$^{146}_{57}La_{89}$