

$^{238}\text{U}(\text{d},\text{F}\gamma), ^{235}\text{U}(\text{n},\text{F}\gamma)$ **1996Me09,1984Sh03**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. Lalkovski, J. Timar and Z. Elekes		NDS 161, 1 (2019)	1-Apr-2019

1996Me09: Facility: University of Jyvaskyla cyclotron; Beam: $\text{E}(\text{}^2\text{H})= 50$ MeV; Target: U; Detectors: IGISOL, collection tape, plastic scintillator, planar Ge detector, neutron counter comprising 42 ^3He ionization chamber tubes; Measured: $\text{n}(\text{t})$, $\beta(\text{t})$, $\gamma(\text{t})$; Deduced: $\text{T}_{1/2}$; Also from the same collaboration: **1995MeZZ**.

1984Sh03: Facility: DIDO Reactor at Julich; Source: from $^{235}\text{U}(\text{n}_{\text{th}},\text{f})$; Detectors: JOSEFF fission fragments separator, five Ge(Li) and one intrinsic Ge detector, tape system; Measured: A/Q , γ , $\gamma(\text{t})$, $\text{E}\gamma$, $\text{I}\gamma$; Deduced: Level schemes, $\text{T}_{1/2}$.

 ^{105}Nb Levels

E(level)	J^{π}	$\text{T}_{1/2}$	Comments
0	$(5/2^+)$	2.91 s \pm 5	$\% \beta^- \text{n} = 1.79$ (1996Me09) J^{π} : from the Adopted Levels. $\text{T}_{1/2}$: weighted average of 2.99 s \pm 8 from $94\gamma(\text{t})$ in 1984Sh03 , 2.9 s \pm 1 from $247\gamma(\text{t})$ in 1984Sh03 and 2.8 s \pm 1 in 1996Me09 .