

$^{235}\text{U}(\text{n},\text{F}\gamma), ^{238}\text{U}(\text{n},\text{F}\gamma) \text{ E}=3 \text{ MeV}$ 1988FiZV

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	N. Nica	NDS 154, 1 (2018)	20-Nov-2018

 ^{140}Xe Levels

E(level)	J^π [†]
0.0	0 ⁺
376.6	2 ⁺
834.2	4 ⁺

[†] Adopted values. $\gamma(^{140}\text{Xe})$

E_γ [†]	I_γ [†]	$E_i(\text{level})$	J_i^π	E_f	J_f^π
376.6 2	4.9 6	376.6	2 ⁺	0.0	0 ⁺
457.6 2	4.9 6	834.2	4 ⁺	376.6	2 ⁺

[†] $I_\gamma/100$ fissions from $^{238}\text{U}(\text{n},\text{F}\gamma)$. $I(376.6\gamma)=2.2$ 4, $I(457.6\gamma)=2.5$ 5 ($\gamma/100$ fissions) in $^{235}\text{U}(\text{n},\text{F}\gamma)$. $^{235}\text{U}(\text{n},\text{F}\gamma), ^{238}\text{U}(\text{n},\text{F}\gamma) \text{ E}=3 \text{ MeV}$ 1988FiZV

Level Scheme

Intensities: Relative I_γ

Legend

→	$I_\gamma < 2\% \times I_\gamma^{\text{max}}$
→	$I_\gamma < 10\% \times I_\gamma^{\text{max}}$
→	$I_\gamma > 10\% \times I_\gamma^{\text{max}}$

