
 $^{70}\text{Ge}(\gamma, \text{n})$ **2021Ha10**

Type	Author	History	
Full Evaluation	C. D. Nesaraja	Citation	Literature Cutoff Date
		NDS 207,1 (2026)	1-Apr-2023

2021Ha10: Photon-induced measurements were performed with bremsstrahlung photons from the Madison Accelerator Laboratory (MAL) at James Madison University. Enriched ^{70}Ge target was irradiated with these bremsstrahlung photons with endpoint energy of 15 MeV. Gammas were detected with a HPGe detector, enclosed into an ultra low-background lead shield. Measured $E\gamma$, $\gamma(t)$ and $T_{1/2}$.

 ^{69}Ge Levels

E(level)	J^π	$T_{1/2}$	Comments
0	$5/2^-$	38.82 h 8	J^π : from the Adopted Levels. $T_{1/2}$: Deduced from decay curves for the 574.11γ , 871.98γ and 1106.77γ . Activity was counted for over 6 half-lives. 38.82 h 7 (stat) 4 (syst) reported by 2021Ha10 is the weighted average of 38.68 h 13 (stat) 2 (syst), 38.76 h 23 (stat) 3 (syst), and 38.90 h 9 (stat) 1 (syst). 38.82 h 8 is the combined uncertainties in quadrature.