

(HI,xn γ) 1987Go35

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. Browne, J. K. Tuli		NDS 110, 507 (2009)	1-Oct-2008

Includes (HI,xn γ).

$^{92}\text{Mo}(^{56}\text{Fe},\text{p}2\text{n}\gamma)$, $^{96}\text{Ru}(^{52}\text{Cr},\text{p}2\text{n}\gamma)$.

$E(^{56}\text{Fe})=250$ MeV, $E(^{52}\text{Cr})=240$ MeV.

 ^{145}Ho Levels

E(level)	J π [†]
0.0	11/2 ⁻
486.9 3	(15/2 ⁻)
1147.1 4	(19/2 ⁻)
1894.2 5	(23/2 ⁻)
2681.6 6	(27/2 ⁻)




[†] Adopted values.

 $\gamma(^{145}\text{Ho})$

E_γ	I_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
486.9 3	100 10	486.9	(15/2 ⁻)	0.0	11/2 ⁻
660.2 3	81 9	1147.1	(19/2 ⁻)	486.9	(15/2 ⁻)
747.1 3	75 9	1894.2	(23/2 ⁻)	1147.1	(19/2 ⁻)
787.4 4	73 9	2681.6	(27/2 ⁻)	1894.2	(23/2 ⁻)

(HI,xn γ) 1987Go35Level SchemeIntensities: Relative I_γ

Legend

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

