

$^{158}\text{Gd}(\gamma,\gamma)$ 2005Mi28

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	N. Nica	NDS 141, 1 (2017)	1-Feb-2017

Measured nuclear resonant scattering of synchrotron radiation at JAERI.

 ^{158}Gd Levels

<u>E(level)</u>	<u>J^{π}</u>	<u>Comments</u>
0.0	0 ⁺	
79.510 5	2 ⁺	T _{1/2} : Measured time spectrum of delayed transition and found that it is compatible with the adopted value T _{1/2} =2.52 ns 6.

 $\gamma(^{158}\text{Gd})$

<u>E_{γ}</u>	<u>E_i(level)</u>	<u>J_i^{π}</u>	<u>E_f</u>	<u>J_f^{π}</u>	<u>Comments</u>
79.510 5	79.510	2 ⁺	0.0	0 ⁺	E _{γ} : From Gaussian fit on the measured nuclear resonance.

 $^{158}\text{Gd}(\gamma,\gamma)$ 2005Mi28Level Scheme