

$^{198}\text{Pt}(^{76}\text{Ge},\text{X}\gamma)$  2002IsZX

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan	NDS 113, 1735 (2012)	1-Mar-2012

$E(^{76}\text{Ge})=635$  MeV. Measured  $E\gamma$ ,  $\gamma(t)$ ,  $\gamma\gamma$  and fragment- $\gamma$  coincidences with Si detector and five HPGe detectors.

 $^{68}\text{Cu}$  Levels

<u><math>E(\text{level})^\dagger</math></u>	<u><math>J^\pi^\ddagger</math></u>	<u><math>T_{1/2}</math></u>	<u>Comments</u>
0.0	1 <sup>+</sup>		
84.1	2 <sup>+</sup>		
610.2	3 <sup>+</sup>		
(772) <sup>#</sup>	6 <sup>-</sup>		
776.9 <sup>#</sup>	3 <sup>-</sup>	2.4 ns 17	$T_{1/2}$ : symmetrized from 0.7 ns < $T_{1/2}$ < 4 ns.
956.1 <sup>#</sup>	4 <sup>-</sup>		

<sup>†</sup> From a least-squares fit to  $E\gamma$ 's by evaluator.

<sup>‡</sup> From the Adopted Levels.

<sup>#</sup> Multiplet of states based on  $\pi 2p_{3/2} \nu 1g_{9/2}$  configuration.

 $\gamma(^{68}\text{Cu})$ 

<u><math>E_\gamma^\dagger</math></u>	<u><math>E_i(\text{level})</math></u>	<u><math>J_i^\pi</math></u>	<u><math>E_f</math></u>	<u><math>J_f^\pi</math></u>
84.1	84.1	2 <sup>+</sup>	0.0	1 <sup>+</sup>
166.8	776.9	3 <sup>-</sup>	610.2	3 <sup>+</sup>
179.2	956.1	4 <sup>-</sup>	776.9	3 <sup>-</sup>
526.2	610.2	3 <sup>+</sup>	84.1	2 <sup>+</sup>
692.7	776.9	3 <sup>-</sup>	84.1	2 <sup>+</sup>

<sup>†</sup> From Figure 1 of 2002IsZX, no uncertainties stated.

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Level Scheme

