

${}^{198}\text{Pt}({}^{76}\text{Ge},\text{X}\gamma)$ 1997Is13

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 delayed $E\gamma$, $I\gamma$, fragment spectra, (projectile-like-fragment) γ -coin, and $\gamma\gamma$ -coin using Si isomer scope detector and five HPGe detectors; deduced $T_{1/2}$.

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

<u>$E(\text{level})^\dagger$</u>	<u>J^π^\dagger</u>	<u>$T_{1/2}$</u>
0.0	1 ⁺	
175.0	2 ⁺	
375.5	3 ⁺	
496.1	4 ⁺	
1103.5	5 ⁻	
1229.9	7 ⁻	62 ns 6

[†] From the Adopted Levels.

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

<u>E_γ^\dagger</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
120.5	496.1	4 ⁺	375.5	3 ⁺
126.4	1229.9	7 ⁻	1103.5	5 ⁻
175.0	175.0	2 ⁺	0.0	1 ⁺
200.6	375.5	3 ⁺	175.0	2 ⁺
607.4	1103.5	5 ⁻	496.1	4 ⁺

[†] From the Adopted Gammas.

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Legend

Level Scheme

● Coincidence

