

$^{70}\text{Zn}(^{14}\text{C}, ^{16}\text{O}\gamma)$ 1984Be42

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

$E(^{14}\text{C})=72$ MeV. Measured $I(\text{ce})(t)$ and $I(e^+, e^-)(t)$ using a plastic scintillator.

 ^{68}Ni Levels

E(level)	$J^{\pi\dagger}$	$T_{1/2}$
0	0^+	
1770	0^+	211 ns +60-40

\dagger From the Adopted Levels.

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

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult.	Comments
1770	1770	0^+	0	0^+	E0	Mult.: from conversion electrons and pair production.

 $^{70}\text{Zn}(^{14}\text{C}, ^{16}\text{O}\gamma)$ 1984Be42Level Scheme