

$^{70}\text{Zn}(^{14}\text{C}, ^{16}\text{O})$ 1988Gi04

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

1988Gi04: E(^{14}C)=72 MeV. Measured $\sigma(\theta)$ using doubly focusing magnetic spectrometer, two position sensitive counters and $\Delta\text{E}-\Delta\text{E}-\text{E}$ ionization chamber (FWHM=100 keV); DWBA analysis. Earlier reports by this same group appear in 1981Be40 and 1982Be27.

 ^{68}Ni Levels

<u>E(level)</u>	<u>L</u>	<u>($d\sigma/d\Omega_{\text{exp}}$)/($d\sigma/d\Omega_{\text{DWBA}}$)</u>	<u>Comments</u>
0.0	0	0.4	L: strong forward enhancement characteristic of L=0 observed.
1770 30	0	0.13	L: strong forward enhancement characteristic of L=0 observed.
2200 30	2	0.21	
2700 40	0,2	0.1,0.5	
3280 50	2,4	0.2,1.43	
3450 50			
4120 50			