

$^{90}\text{Zr}(^{12}\text{C}, ^{12}\text{B})$ 1991An12

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. K. Basu, E. A. Mccutchan		NDS 165, 1 (2020)	1-Mar-2020

$E(^{12}\text{C})=70$ MeV. Measured $\sigma(\theta)$ at angles $<2.5^\circ$ in 0.32° bins. FWHM \approx 800 keV. Compared $\sigma(\theta)$ of 2.3 MeV peak with distorted wave calculations.

 ^{90}Nb Levels

E(level)	J $^\pi$	L	Comments
0			
\approx 1000			
\approx 2300	1 $^+$	0	L: rather poor fit to data assuming configuration= $((\pi 1g_{9/2})(\nu 1g_{9/2})^{-1})$ or configuration= $((\pi 1g_{7/2})(\nu 1g_{9/2})^{-1})$.
\approx 2730			
\approx 3400			