

$^{50}\text{Ti}(^{16}\text{O},^{14}\text{C})$ 1989Og01,1971Le07

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 128, 185 (2015)	10-Jul-2015

1971Le07: E=48 MeV, measures ^{14}C spectra, a two counter telescopes using solid-state detectors, overall resolution \approx 200 keV.

1989Og01: E=150 MeV, measured $d\sigma/d\Omega$, QMG/2 spectrometer, a hybrid focal-plane detector consisting of two multiwire position detectors and a series of ionization chambers, overall energy resolution of ^{14}C : 100 keV.

Other works: 1972SiYD, 1971FaZM, 1972FaZX.

 ^{52}Cr Levels

<u>E(level)[†]</u>	<u>$\sigma^{\#}$</u>	<u>E(level)[†]</u>	<u>$\sigma^{\#}$</u>	<u>E(level)[†]</u>	<u>E(level)[†]</u>
0.0	\approx 190	3.44×10^3		5.95×10^3	7.57×10^3
1434	\approx 110	3780^{\ddagger}	\approx 70	6.13×10^3	7.87×10^3
2370	\approx 70	4560^{\ddagger}	\approx 140	6.33×10^3	8.58×10^3
2640^{\ddagger}	\approx 70	4.74×10^3		6.49×10^3	8.89×10^3
2768		4980^{\ddagger}	\approx 60	6.74×10^3	
2965	\approx 60	5.21×10^3		6.99×10^3	
3114		5.70×10^3		7.29×10^3	

[†] From 1989Og01, except as noted.

[‡] From 1971Le07.

[#] Cross section in $\mu\text{b/sr}$ at $\theta=40^\circ$, from 1971Le07.