

$^{14}\text{N}(^{16}\text{O},\text{pn}\gamma)$  1993Ti02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 114, 1189 (2013)	1-Apr-2013

Other: [1968No06](#).

[1993Ti02](#):  $^{14}\text{N}(^{16}\text{O},\text{pn})$  E=20-28 MeV, Compton suppressed HPGe detector, Measured  $E_\gamma$  and deduced mean lifetime of the excited states using the Doppler Shift Attenuation (DSA) method.

 $^{28}\text{Si}$  Levels

E(level) <sup>†</sup>	$J^\pi$	$T_{1/2}$	Comments
0			
4980		33 fs 2	
6276		0.87 ps 10	
6888		33 fs 6	
7381		8.0 fs 10	
7416		35 fs 3	
7933		11 fs 2	
8544	6 <sup>+</sup>	11.4 fs 10	$J^\pi$ : From <a href="#">1968No06</a> – $^{16}\text{O}(^{14}\text{N},\text{pn}\gamma)$ .
8945		49 fs 6	
9479		5 fs 2	
10418		26 fs 7	
11100		11.0 fs 10	
11510		9 fs 2	
12994		16 fs 3	

<sup>†</sup> From [1993Ti02](#).