

$^{15}\text{N}(^{16}\text{O},\text{pn}\gamma)$ 1990Ti07

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 113, 909 (2012)	1-Jan-2012

Target: ^{15}N on Ta backing; Projectile: ^{16}O , $E=17,20,22$ MeV; 4 Ge(Li) detectors; Doppler-shifted γ -rays measured between 0° and 135° relative to the beam direction; deduced mean lifetime of levels.

 ^{29}Si Levels

<u>E(level)[†]</u>	<u>T_{1/2}[‡]</u>	<u>E(level)[†]</u>	<u>T_{1/2}[‡]</u>	<u>E(level)[†]</u>	<u>T_{1/2}[‡]</u>	<u>E(level)[†]</u>	<u>T_{1/2}[‡]</u>
0		4080	57 fs 3	5286	6 fs 3	6194	17 fs 3
2426	17.9 fs 9	4741	45 fs 2	5652	35 fs 2	6781	15 fs 2
3067	33 fs 2	4895	17 fs 3	5813	30 fs 2	8762	19 fs 4
3624	2.61 ps 13	5255	55 fs 3	6107	21 fs 3		

[†] From Adopted Levels.

[‡] From measured mean lifetimes, by the Doppler Shift Attenuation method, in 1990Ti07.