

$^{12}\text{C}(^{16}\text{O},\text{p}\gamma)$ 1986Ti02

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia		NDS 112,1875 (2011)	30-Nov-2010

1986Ti02: Target ^{12}C implanted on tantalum; Projectile: ^{16}O , E=20 MeV; two Ge(Li) detectors; measured $E\gamma$, $I\gamma$, deduced meanlife of levels by the Doppler Shift Method (DSM).

 ^{27}Al Levels

E(level) [†]	$T_{1/2}$ [‡]	Comments
0		E(level): From Adopted Levels.
1014.56 9	1.59 ps 10	
2212.01 10	25.8 fs 14	
2734.9 7	6.2 fs 14	
3004.2 8	52 fs 3	
4054.6 5	9 fs 3	
4510.3 5	222 fs 14	
4580.0 8	<9.0 fs	

[†] From Adopted Levels.

[‡] Deduced by the evaluator from reported meanlives in 1986Ti02.