

³²S(¹⁶O,2pγ) [1973De09](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. -c. Wu	NDS 91, 1 (2000)	15-Jul-2000

E=34.5 MeV.
Measured γ, γ(t).
Other: [1972Zi02](#).

⁴⁶Ti Levels

E(level)	J ^π [†]	T _{1/2}
0.0	0 ⁺	
889.3 5	2 ⁺	4.5 ps 5
2009.8 7	4 ⁺	1.8 ps 2
3058.8 12	3 ⁻	<58 ps
3297.1 15	6 ⁺	1.0 [‡] ps 5
3437.7 12	4 ⁻	58 [‡] ps 7

[†] From Adopted Levels.
[‡] If feeding time is<1 ps.

γ(⁴⁶Ti)

E _γ	I _γ	E _i (level)	J _i ^π	E _f	J _f ^π
378.9 5	9.2 9	3437.7	4 ⁻	3058.8	3 ⁻
889.3 5	100	889.3	2 ⁺	0.0	0 ⁺
1049.0 5	8.2 12	3058.8	3 ⁻	2009.8	4 ⁺
1120.5 5	81 4	2009.8	4 ⁺	889.3	2 ⁺
1287.3 12	25 2	3297.1	6 ⁺	2009.8	4 ⁺
1427.9 15	3.1 5	3437.7	4 ⁻	2009.8	4 ⁺

$^{32}\text{S}(^{16}\text{O},2\text{p}\gamma)$ 1973De09

Level Scheme
Intensities: Relative I_γ

- Legend
- $I_\gamma < 2\% \times I_\gamma^{max}$
 - $I_\gamma < 10\% \times I_\gamma^{max}$
 - $I_\gamma > 10\% \times I_\gamma^{max}$

