

$^{16}\text{O}(\text{p},\text{p}')$ 1993Ti07

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, D. R. Tilley, H. R. Weller and C. M. Cheves		NP 564 1 (1993)	31-Dec-1992

For references see [1982Aj01](#).

 ^{16}O Levels

E(level)	J^π	$T_{1/2}$	L	Comments
6.13×10 ³	3 ⁻		3	T=0
6.92×10 ³	2 ⁺		2	T=0
7.12×10 ³	1 ⁻		1	T=0
8.87×10 ³	2 ⁻			T=0
9.84×10 ³	2 ⁺		2	T=0
10350 20	4 ⁺		4	T=0
10950 30	0 ⁻		1	T=0
11100 20	4 ⁺		4	T=0
11520 20	2 ⁺	74 keV 4	2	T=0
12050 20	0 ⁺			T=0
12530 20	2 ⁻		1	T=0
12.80×10 ³	0 ⁻			T=1
12.97×10 ³	2 ⁻			T=1
13020 20	2 ⁺		2	T=0
13260 30	3 ⁻		3	T=1
13950 50	4 ⁺		(0+4)	T=0
14.0×10 ³ ?	(1 ⁺)			T=(1)
15260 50			(3)	
15500 30	3 ⁻	200 keV 60	3	T=0
16220 10	1 ⁺			T=1
16520 50	2 ⁺	<100 keV	2	
16930 50			(3)	
17140 10	1 ⁺			T=1
17250 50	1 ⁺	160 keV 60		T=0
17790 40	4 ⁻	150 keV 60	(3)	T=0
18150 50	(2 ⁺)	300 keV 50	(2)	T=0
18.40×10 ³ 10	2 ⁺	250 keV 50	2	T=0
18.60×10 ³ ? 10		280 keV 80		
18770 10	1 ⁺			T=1
18980 40	4 ⁻	<100 keV	(3)	T=1
19350 80			(1)	
19560 50	3 ⁻	300 keV 50		T=0
19800 40	4 ⁻	<100 keV	3	T=0
20.40×10 ³ ?	2 ⁻			T=1
20560 80		0.37 MeV 10	(1,2)	
20.90×10 ³ ?	2 ⁻			T=1
21050 50	(2 ⁺)	320 keV 50	1	T=(0)
21800 80	(2 ⁺)	400 keV 50	1	T=(0)
22400 80	1 ⁻	0.42 MeV 10	(1,2)	T=1
23200 80	1 ⁻	0.60 MeV 20	1	T=1
24.00×10 ³ 10	1 ⁻	1.20 MeV 30	(1,2)	T=1
25.50×10 ³ 15	1 ⁻	1.30 MeV 30	(1)	T=1