

Adopted Levels 1991Aj01

Type	Author	History	Citation	Literature Cutoff Date
Update	F. Ajzenberg-selove, J. H. Kelley and C. D. Nesaraja		NP A523,1 (1991)	1-Jul-1990

$Q(\beta^-) = -2.396 \times 10^4$ 5; $S(n) = 23179$ 10; $S(p) = 4627.0$ 3; $Q(\alpha) = -10116.2$ 4 2012Wa38

Note: Current evaluation has used the following Q record 23176 10 4627.9728-10117.1 4 1997Au04.

 ^{14}O LevelsCross Reference (XREF) Flags

A	$^{12}\text{C}(^3\text{He},n)$	E	$^{14}\text{N}(p,n)$
B	$^{12}\text{C}(^{12}\text{C},^{10}\text{Be})$	F	$^{14}\text{N}(^3\text{He},t)$
C	$^{13}\text{C}(p,\pi^-)$	G	$^{16}\text{O}(p,t)$
D	$^{13}\text{N}(p,\gamma)$		

E(level)	J π	T _{1/2}	XREF	Comments
0.0	0 ⁺	70.606 s 18	ABC EFG	% ϵ +% β^+ =100 T=1 T _{1/2} : Weighted average: 70.59 s 3 (1973Cl12), 70.613 s 25 (1978Wi04). Others: 70.43 s 18 (1974Az01), 70.48 s 5 (1972Al01).
5173 [†] 10	1 ⁻	38.1 keV 18	A CDEFG	T=1
5920 10	0 ⁺	≤50 keV	A FG	%p=100 T=1
6272 10	3 ⁻	103 keV 6	ABC FG	%p=100 T=1
6590 10	2 ⁺	≤60 keV	ABC FG	%p=100 T=1
6790 [†] 30	-		C F	
7768 10	2 ⁺	76 keV 10	A C EFG	%p=100 T=1
8720 [†] 40			FG	
9715 [†] 20	(2 ⁺)		A C G	T=1
9915 [†] 20	4 ⁺	100 keV 50	ABC F	T=1
10890 [†] 50			C F	
11240 [†] 50			F	
11970 [†]			C F	Possible multiplet.
12840 [†] 50			F	
13010 [†] 50			F	
14150 [†] 40	(5 ⁻)		BC F	
14640 [†] 60			C F	
17400 [†] 60			C F	

[†] Decay mode unspecified.