

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.