

Coulomb excitation 2001Ra27,2002Ki06

| Type | Author | History | Citation | Literature Cutoff Date |
|-----------------|-------------------------------|---------|----------------------|------------------------|
| Full Evaluation | D. Abriola(a), A. A. Sonzogni | | NDS 107, 2423 (2006) | 1-Jan-2006 |

1976Pa13: (α, α'), E=8.0 MeV. Enriched target. Surface-barrier detector, FWHM=30 keV. ($^{16}\text{O}, ^{16}\text{O}'$), E=36 MeV. Enriched target. Surface-barrier detector FWHM=100 keV to 140 keV. Measured $\sigma(\text{inelastic})/\sigma(\text{elastic})$.

1972Ba90: (α, α'), E=7.2 MeV. Enriched target. ($^{16}\text{O}, ^{16}\text{O}'$), E=35 MeV to 44.8 MeV. Enriched target. Ge(Li), FWHM=2.0 keV at $E_\gamma = 1.33$ MeV. Measured E_γ, I_γ . Deduced $B(E\lambda)$ with thick-target yield method.

 ^{94}Mo Levels

| E(level) [†] | J π [†] | T _{1/2} | Comments |
|-----------------------|----------------------|------------------|---|
| 0 | 0 ⁺ | | |
| 871.01 10 | 2 ⁺ | 2.77 ps 6 | B(E2) \uparrow =0.203 4 (2001Ra27) T _{1/2} : from B(E2). |
| 1573.72 14 | 4 ⁺ | | B(E2) \uparrow =0.120 18 (1972Ba90) |
| 1864.21 14 | 2 ⁺ | | B(E2)(2 ⁺ to 2 ⁺)=0.116 26, B(M1)=0.020 7 if $\delta=2.0$ 3; B(E2)(0 ⁺ to 2 ⁺)=0.0032 7 (1972Ba90). |
| 2533.6 4 | 3 ⁻ | | B(E3) \uparrow =0.062 12 (2002Ki06) |

[†] From Adopted Levels.