

$^{172}\text{Yb}(\gamma,\gamma)$:Mossbauer 1968Mu01,1971PI03,1973Ru04

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 75,199 (1995)	31-May-1995

1968Mu01: $E_\gamma=73-92$ keV. Deduced g factor.

1971PI03: $E_\gamma=76-84$ keV. Deduced quadrupole-moment ratios.

1973Ru04 (also 1971RuZN,1971RuZV): $E=76-84$ keV. Measured isomer shifts.

1970ShZS: $E=76-84$ keV. Deduced nuclear radius variation.

 ^{172}Yb Levels

$E(\text{level})^\dagger$	J^π^\dagger
0	0^+
78.7427 6	2^+

† From Adopted Levels.

 $\gamma(^{172}\text{Yb})$

E_γ^\dagger	$E_i(\text{level})$	J_i^π	E_f	J_f^π
78.7426 6	78.7427	2^+	0	0^+

† From adopted gammas.

 $^{172}\text{Yb}(\gamma,\gamma)$:Mossbauer 1968Mu01,1971PI03,1973Ru04Level Scheme