

Coulomb excitation 2003Ba01,2002Ra21

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, A. A. Rodionov and S. Sakharov, Balraj Singh		NDS 104, 497 (2005)	10-Feb-2005

Radioactive ^{132}Te beam.

[2003Ba01](#): $^{12}\text{C}(^{132}\text{Te}, ^{132}\text{Te}'\gamma)$ E=350 MeV. Measured $E\gamma$, $I\gamma$, (particle) γ coin. Deduced B(E2).

[2002Ra21](#) (also [2002Ra46,2004Ra27](#)): $^{12}\text{C}(^{132}\text{Te}, ^{132}\text{Te}'\gamma)$ E \approx 3 MeV/nucleon. Measured $E\gamma$, $I\gamma$, (particle) γ coin. Deduced B(E2).

 ^{132}Te Levels

E(level)	$J\pi^\dagger$	Comments
0	0^+	
974	2^+	B(E2) \uparrow =0.177 17 B(E2) \uparrow : weighted average of 0.19 3 (2003Ba01) and 0.172 17 (2002Ra21 , 2004Ra27).

\dagger From Adopted Levels.

 $\gamma(^{132}\text{Te})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
974	974	2^+	0	0^+

Coulomb excitation 2003Ba01,2002Ra21Level Scheme