^{128}Te(γ,γ') 1969ScZX

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Zoltan Elekes and Janos Timar	NDS 129, 191 (2015)	28-Feb-2015

γ source: n-capture γ ray; semi γ, scintillator-scintillator $\gamma\gamma$, FWHM=12 keV at 7 MeV; only a level at 7724 keV was excited by resonance fluorescence.

^{128}Te Levels

E(level)[†]	J^π	Comments
0.0		
1517		
1974		
7724 *1*	1	$\Gamma(\gamma_0)/\Gamma(\gamma)$=0.51 *7*. J^π: from dipole excitation from 0^+.

[†] Energies of 1517 and 1974 levels were calculated as the differences of the observed γ rays.

$\gamma(^{128}Te)$

E_γ	E_i(level)	J_i^π	E_f
5750	7724	1	1974
6207	7724	1	1517
7724	7724	1	0.0

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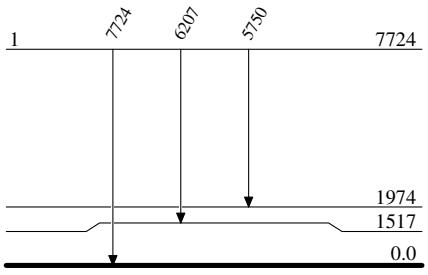
Level Scheme



$^{128}_{52}Te_{76}$