
 $^{143}\text{Nd}(\text{n},\gamma):\text{E=reactor}$ [1994Ro13](#),[1999Ro18](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	A. A. Sonzogni	NDS 93, 599 (2001)	1-Dec-2000

E=reactor. Measured $T_{1/2}$ from Doppler broadening, grid technique.

 ^{144}Nd Levels

E(level) [†]	J ^π [†]	$T_{1/2}$	Comments
1510.79	3 ⁻	0.56 ps +8-6	$T_{1/2}$: from 1994Ro13 .
2072.92	2 ⁺	69 fs +21-14	$T_{1/2}$: from 1994Ro13 .
2093.33	5 ⁻	0.76 ps +20-14	$T_{1/2}$: from 1999Ro18 . Other: $T_{1/2}$ = 0.8 ps +8-3 (1994Ro13).
2185.70	1 ⁻	0.02 ps +3-1	$T_{1/2}$: from 1994Ro13 .
2204.79	4 ⁻	0.7 ps +3-1	$T_{1/2}$: from 1999Ro18 .
2606.03	3 ⁻	0.14 ps +6-3	$T_{1/2}$: from 1999Ro18 .

[†] From adopted values.