$^{2}H(^{26}Ne,n\gamma)$ 2006Ob05

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	M. Shamsuzzoha Basunia	NDS 112, 1875 (2011)	30-Nov-2010

^{26}Ne was produced from a ^{36}S primary beam fragmentation (E=77.5 MeV/u) followed by the ^{26}Ne secondary beam (E=9.7 MeV/u) on a deuterium target at GANIL; Particles were identified by time-of-flight and ΔE loss method. Detector: 11 Clovers (8 EXOGAM and 3 EUROGAM); Measured: Eγ, ^{27}Ne-γ coin.

^{27}Na Levels

E(level)	Jπ†	Comments
0	5/2+	
62.9 *6*	(3/2+)	E(level): From Adopted Levels.
1731 *6*	(1/2+)	

† From Adopted Levels.

γ(^{27}Na)

Eγ	Ei(level)	Jiπ	Ef	Jfπ
1669 *6*	1731	(1/2+)	62.9	(3/2+)

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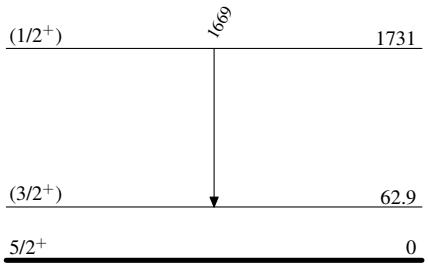
Level Scheme



$^{27}_{11}Na_{16}$