

$^9\text{Be}(^{132}\text{Sn},\alpha n\gamma)$ 2014Al14

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan	NDS 152, 331 (2018)	1-Apr-2018

$E(^{132}\text{Sn})=3$ MeV/nucleon. Measured $E\gamma$, $I\gamma$ using the CLARION array consisting of 11 Compton-suppressed, segmented HPGe detectors and $\alpha\gamma$ -, $\alpha\gamma\gamma$ -coin using the “bare” HyBall (BareBall) consisting of 40 CsI(Tl) detectors.

^{136}Te Levels

<u>$E(\text{level})^\dagger$</u>	<u>$J^\pi^\ddagger$</u>
0	0^+
606.1 6	2^+

† From $E\gamma$.

‡ From the Adopted Levels.

$\gamma(^{136}\text{Te})$

<u>E_γ</u>	<u>I_γ</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>	Comments
606.1 6	19 4	606.1	2^+	0	0^+	I_γ : relative to 100 for $I_\gamma(1180.4\gamma)$ in ^{135}Te , populated in the $^9\text{Be}(^{132}\text{Sn},\alpha 2n)$ reaction.

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Level Scheme

Intensities: Relative I_γ

