

$^2\text{H}(^{132}\text{Xe},\text{p})$ [1991Kr12](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov and A. Rodionov, F. G. Kondev		NDS 112, 855 (2011)	31-Oct-2010

[1991Kr12](#): $\text{d}(^{132}\text{Xe},\text{p})$ (inverse kinematics), $E(\text{lab})=5.868\text{ MeV/u}$; measured $p(\theta)$; deduced levels, J^π , I_n , S_j . Deuterated titanium target, detector array of 100 pin-photodiodes, $\text{FWHM}\approx 80\text{ keV}$, DWBA analyzes.

^{133}Xe Levels

E(level)	J^π	L	S	Comments
0.0	$3/2^+$	2	0.22 9	E(level): 1590 keV in $^{133}\text{I}\beta^-$ decay and $(\alpha,\text{n}\gamma)$ data.
1600	$5/2^+$	2	0.13 5	
3000	$(7/2^+)$	(4)		