

**Coulomb excitation 2014II01**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	H. Iimura, J. Katakura, S. Ohya		NDS 180, 1 (2022)	1-Oct-2021

2014II01: ( $^{126}\text{Cd}, ^{126}\text{Cd}'$ ) E=359.1 MeV;  $^{126}\text{Cd}$  beam by REX-ISOLDE at CERN;  $^{64}\text{Zn}$  target; Ge detector array (Miniball); double-sided silicon-strip detector (DSSSD); Measured B(E2), Q.

 $^{126}\text{Cd}$  Levels

E(level)	$J^\pi$ †	$T_{1/2}$	Comments
0.0	$0^+$		
651.96 10	$(2^+)$	8.9 ps +27-17	$T_{1/2}$ : deduced from B(E2). B(E2)†=0.27 6 (2014II01). Q=+0.27 +11-7 (2014II01).

† From Adopted Levels.

 $\gamma(^{126}\text{Cd})$ 

$E_\gamma$ †	$I_\gamma$ †	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$
651.9 1	100	651.96	$(2^+)$	0.0	$0^+$

† From adopted gammas.

**Coulomb excitation 2014II01**Level Scheme

Intensities: Relative  $I_\gamma$

