

(HI,xn $\gamma$ ) 1998Li50,1996Li50

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 1745 (2009)	31-Dec-2008

1996Li50,1998Li50:  $^{50}\text{Cr}(^{58}\text{Ni},\alpha 2n)$ .  $E(^{58}\text{Ni})=225$  MeV. Measured:  $E\gamma, \gamma\gamma, \gamma\gamma(t)$  deduced:  $^{102}\text{Sn}$  levels,  $J^\pi$ .

 $^{102}\text{Sn}$  Levels

E(level) <sup>‡</sup>	$J^\pi$ <sup>†</sup>	$T_{1/2}$	Comments
0.0	0 <sup>+</sup>	4.5 s 7	$T_{1/2}$ : from 1995Sc28.
1472	(2 <sup>+</sup> )		
1969	(4 <sup>+</sup> )		
x+1969	(6 <sup>+</sup> )	0.8 $\mu\text{s}$ 3	$T_{1/2}$ : Weighted average of 1.0 $\mu\text{s}$ 5 (1996Li50) and 0.62 $\mu\text{s}$ +43-19 (1998Li50).

<sup>†</sup> From Adopted Levels.

<sup>‡</sup> From measured gammas.

 $\gamma(^{102}\text{Sn})$ 

$E_\gamma$	$E_i(\text{level})$	$J_i^\pi$	$E_f$	$J_f^\pi$
497	1969	(4 <sup>+</sup> )	1472	(2 <sup>+</sup> )
1472	1472	(2 <sup>+</sup> )	0.0	0 <sup>+</sup>

(HI,xn $\gamma$ ) 1998Li50,1996Li50Level Scheme