^{112}Sn(p,pnγ)   1976Ka25

		History	
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 110, 1239 (2009)	1-Feb-2008

E(p)=17-28 MeV.

Reaction cross-section ratio (p,2n)/(p,pn)≤3% obscures ^{111}Sb γ-spectrum. 1976Ka25 observe five γ's which they assign to ^{111}Sb under assumption that they were observing (p,2nγ) reaction. However, these γ's belong to ^{111}Sn.

Measured γ-singles, nγ-coin, excit.

^{111}Sn Levels

E(level)
0.0
978.5 *4*
1235.5 *5*
1348.0 *9*
2065.1 *10*

$\gamma(^{111}$Sn)

E_γ	I_γ	E_i(level)	E_f
^{x}369.8 *12*	17		
717.1 *4*		2065.1	1348.0
978.5 *4*		978.5	0.0
1235.5 *5*		1235.5	0.0
1348.0 *9*	83	1348.0	0.0

^{x} γ ray not placed in level scheme.

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Level Scheme

Intensities: Type not specified

$^{111}_{50}$Sn$_{61}$