^{112}Sn(n,γ) E=95 eV 1968Sa16,1981MuZQ

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 111, 1471 (2010)	1-May-2009

E=95−eV resonance with neutron time of flight, semi (1968Sa16).
For resonance parameters, see 1981MuZQ. Other: 1969Ju01.

^{113}Sn Levels

E(level)†	J$^\pi$‡	Comments
0	1/2$^+$	
504		
1317		
1557		
2060		
2579		
7745.5 *29*	1/2$^+$	J$^\pi$: 1968Sa16, 1981MuZQ.

† Rounded off level energies based on S(n)=7742.9 *18* (1995Au04).
‡ From Adopted Levels.

γ(^{113}Sn)

E$_\gamma$	I$_\gamma$	E$_i$(level)	J$_i^\pi$	E$_f$
5167		7745.5	1/2$^+$	2579
5685		7745.5	1/2$^+$	2060
6189	23 *7*	7745.5	1/2$^+$	1557
6429		7745.5	1/2$^+$	1317
7242	100 *9*	7745.5	1/2$^+$	504

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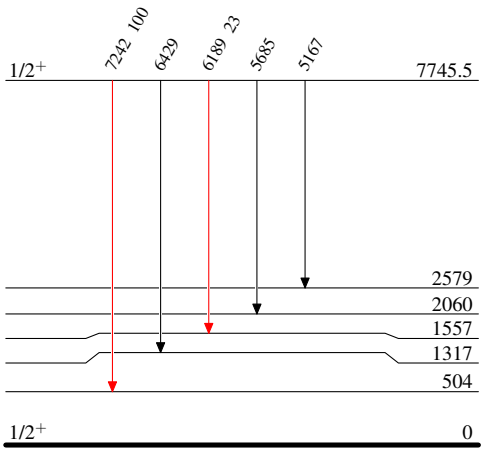
Level Scheme

Intensities: Relative I_γ

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$
$I_\gamma < 10\% \times I_\gamma^{max}$
$I_\gamma > 10\% \times I_\gamma^{max}$



$^{113}_{50}Sn_{63}$