^{114}Sn(n,γ) E=res 1978Ra16

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Jean Blachot	NDS 113, 2391 (2012)	1-Sep-2012

E(n)=0.158, 0.420, 0.667, 0.678, 0.811 keV.
S(n)=7545.3 *20* (1978Ra16), 7546.2 *17* (1985Wa02).

^{115}Sn Levels

E(level)
0.0
497.1
985.5
1279.7
1417.1
1633.9
1732.2
(7545.3 *20*)

γ(^{115}Sn)

E_γ	E_i(level)	E_f	Comments
489.6 *25*	985.5	497.1	
497.4 *15*	497.1	0.0	
986.6 *20*	985.5	0.0	
1235.1 *20*	1732.2	497.1	
1279.8 *15*	1279.7	0.0	
1416.7 *20*	1417.1	0.0	
1633.8 *15*	1633.9	0.0	
[x]1666.1 *20*			
[x]1732.8 *20*			
[x]1832.6 *20*			
[x]1868.0 *20*			
[x]1965.5 *20*			
[x]2190.0 *20*			
[x]2259.3 *20*			
[x]2371.2 *20*			
5910.9 *20*	(7545.3)	1633.9	E_γ: via E(n)=0.678 keV.
6127.5 *20*	(7545.3)	1417.1	E_γ: via E(n)=0.158 keV.
6265.7 *20*	(7545.3)	1279.7	E_γ: via E(n)=0.811 keV.
6561.5 *20*	(7545.3)	985.5	E_γ: via E(n)=0.420 keV.
7047.7 *25*	(7545.3)	497.1	E_γ: via E(n)=0.667 keV.
7543.7 *20*	(7545.3)	0.0	E_γ: via E(n)=0.678 keV. $I\gamma(7544\gamma)/I\gamma(5911\gamma)$=0.5 *2*.

[x] γ ray not placed in level scheme.

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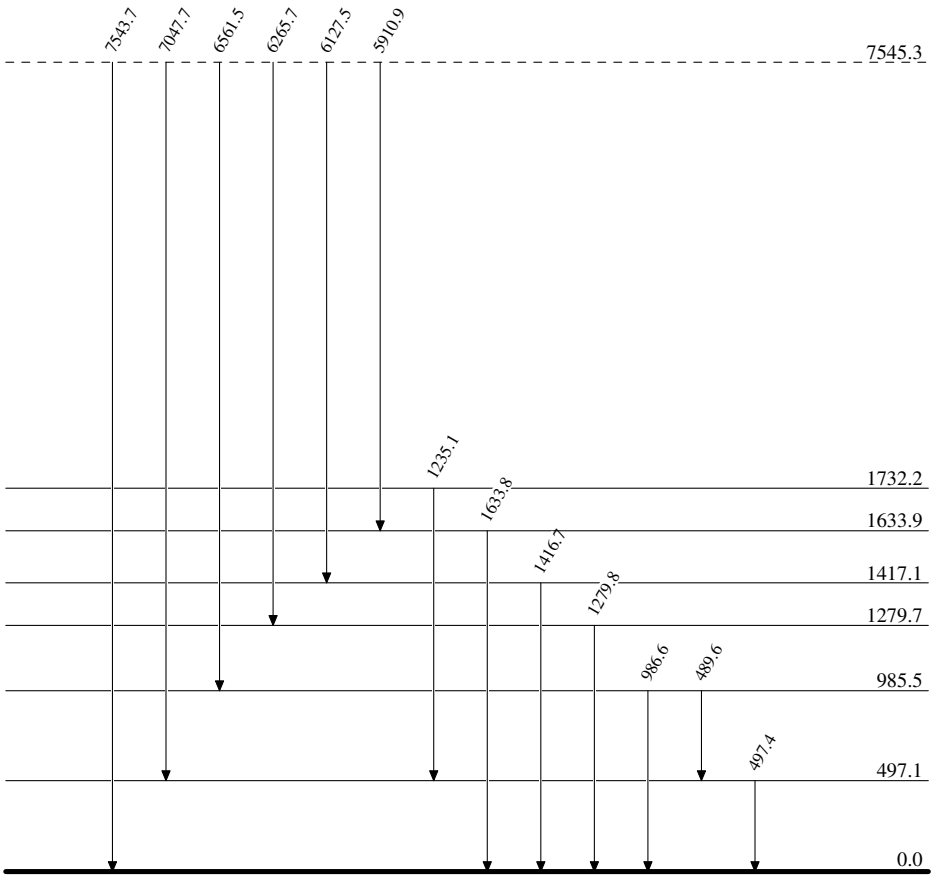
Level Scheme



$^{115}_{50}Sn_{65}$