

¹²⁴Sn(¹⁸O,²⁰Ne) **1997Gu32**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	T. Tamura	NDS 108, 455 (2007)	30-Sep-2006

1997Gu32: ¹²⁴Sn(¹⁸O,²⁰Ne) E(¹⁸O)=102 MeV; enriched target Q3D magnetic spectrometer; measured ²⁰Ne spectra at (θ)=36.5°; deduced E(level), determined mass excesss of ¹²²Cd: Δ=−80.73 MeV 43.

¹²²Cd Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>	<u>E(level)[†]</u>	<u>J^π[‡]</u>	<u>E(level)[†]</u>	<u>J^π[‡]</u>	<u>E(level)[†]</u>	<u>J^π[‡]</u>
0.0	0 ⁺	1330	(4 ⁺)	1909	(3 ⁻)	2823	(8 ⁺)
570	2 ⁺	1368	(2) ⁺	1979	(3,4 ⁺)	3062	(8 ⁺)
915		1705	0 ⁽⁺⁾	2178	(6 ⁺)		

[†] From **1997Gu32**.
[‡] From Adopted Levels.