^{77}Se(n,γ) E=340.8 eV 1981En07

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Ameenah R. Farhan, Balraj Singh	NDS 110, 1917 (2009)	30-Jun-2009

Natural target.

^{78}Se Levels

E(level)[†‡]	J$^{\pi}$
614.0 *3*	2^{+}
3005.8 *3*	1,2^{+}
(S(n)+0.3416)	1^{-}

† Resonance data are from 2006MuZX evaluation.
‡ S(n)=10497.73 *17* (2009AuZZ), 10497.81 *16* (2003Au03).

γ(^{78}Se)

E$_{\gamma}$[‡]	I$_{\gamma}$[†#]	E$_i$(level)	J$_i^{\pi}$	E$_f$	J$_f^{\pi}$
7491.7 *1*	1.6 *2*	(S(n)+0.3416)	1^{-}	3005.8	1,2^{+}
9883.2 *1*	14.2 *10*	(S(n)+0.3416)	1^{-}	614.0	2^{+}

† Uncertainties are purely statistical. A systematic uncertainty of 30% should Be included according to the authors.
‡ For thermal capture.
# Intensity per 100 neutron captures.

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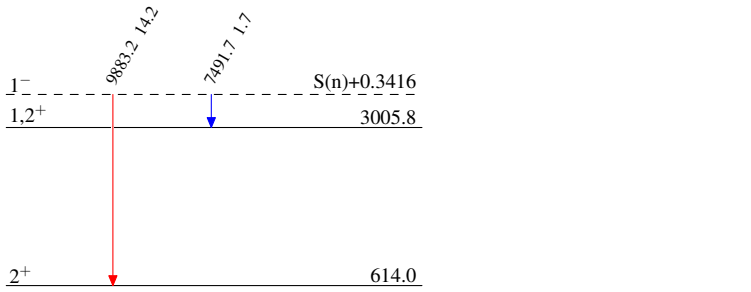
Level Scheme

Intensities: I_γ per 100 neutron captures



$^{78}_{34}Se_{44}$