

$^{77}\text{Se}(n,\gamma)$ E=112.0 eV 1981En07

Type	Author	History	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 ^π
1996.1 3	2 ⁺
(S(n)+0.1132)	1 ⁻

[†] Resonance data are from [2006MuZX](#) evaluation.

[‡] S(n)=10497.73 17 ([2009AuZZ](#)), 10497.81 16 ([2003Au03](#)).

 $\gamma(^{78}\text{Se})$

E _γ	I _γ ^{†‡}	E _i (level)	J _i ^π	E _f	J _f ^π	Comments
8501.3 1	1.8 2	(S(n)+0.1132)	1 ⁻	1996.1	2 ⁺	E _γ : for thermal capture.

[†] Uncertainties are purely statistical. A systematic uncertainty of 30% should be included according to the authors.

[‡] Intensity per 100 neutron captures.

 $^{77}\text{Se}(n,\gamma)$ E=112.0 eV 1981En07Level Scheme

Intensities: I_γ per 100 neutron captures

