

¹⁷⁶Yb(²⁸Si,X γ),(³⁰Si,X γ) **1998PoZX**

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 105, 223 (2005)	22-Jun-2005

E=145 MeV. Measured E γ , I γ , $\gamma\gamma$ using EUROGAM2 array which consisted of 54 Compton-suppressed Ge detectors, 24 of which were four-element Clovers.

⁸⁰Se Levels

E(level)	J π [†]
0 [‡]	0 ⁺
666 [‡]	2 ⁺
1701 [‡]	4 ⁺
2895 [‡]	(6 ⁺)
3635 [‡]	(8 ⁺)
4673 [‡]	(10 ⁺)

[†] From 'Adopted Levels' up to 4⁺; higher spins are proposed by the evaluator from systematics of yrast sequences in even-even nuclides populated in heavy-ion reactions.

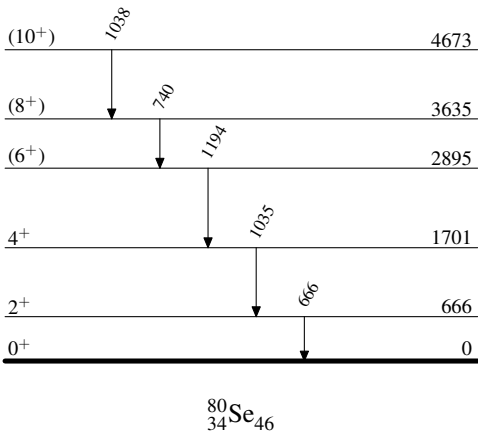
[‡] Band(A): Yrast sequence.

$\gamma(^{80}\text{Se})$

E γ	E _i (level)	J π _i	E _f	J π _f
666	666	2 ⁺	0	0 ⁺
740	3635	(8 ⁺)	2895	(6 ⁺)
1035	1701	4 ⁺	666	2 ⁺
1038	4673	(10 ⁺)	3635	(8 ⁺)
1194	2895	(6 ⁺)	1701	4 ⁺

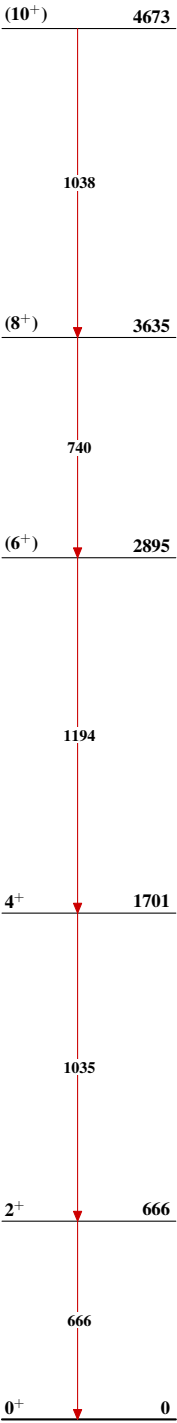
$^{176}\text{Yb}(^{28}\text{Si,X}\gamma),(^{30}\text{Si,X}\gamma)$ **1998PoZX**

Level Scheme



$^{176}\text{Yb}^{(28}\text{Si,X}\gamma),(^{30}\text{Si,X}\gamma)$ $^{1998}\text{PoZX}$

Band(A): Yrast sequence



$^{80}_{34}\text{Se}_{46}$