^{198}Pt(^{82}Se,Xγ),^{192}Os(^{82}Se,Xγ) 1999Ma21,2004Po06

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

1999Ma21 (also 2002Is03): E=743 MeV. Measured Eγ, Iγ, γγ, (fragment)γ coin, γ(t). Deep inelastic collisions.
2004Po06: ^{192}Os(^{82}Se,Xγ) E=460 MeV, gasp array. Same cascade (467-1236-1083-659) reported As In 1999Ma21.

^{80}Ge Levels

E(level)	Jπ†	$T_{1/2}$	Comments
0‡	0^+		
659‡	2^+		
1743‡	(4^+)		
2979‡	(6^+)		
3446‡	(8^+)	>0.4 ns	$T_{1/2}$: estimated by 1999Ma21 from γ-ray yields of N=48 isotones. Short lifetime precluded measurement from timing of (projectile-like fragment)(γ) coin. possibly $\nu g_{9/2}^{-2}$ isomer.

† As proposed In 1999Ma21 and 2004Po06 from systematics of decay of 8^+ isomers In N=48 isotones from ^{80}Ge to ^{94}Pd. The parentheses have been added by the evaluator.
‡ Band(A): yrast structure.

γ(^{80}Ge)

E_γ	E_i(level)	J_i^π	E_f	J_f^π
467	3446	(8^+)	2979	(6^+)
659	659	2^+	0	0^+
1084	1743	(4^+)	659	2^+
1236	2979	(6^+)	1743	(4^+)

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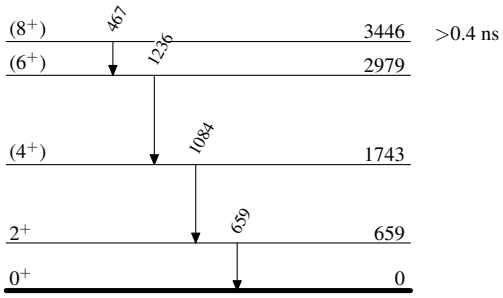
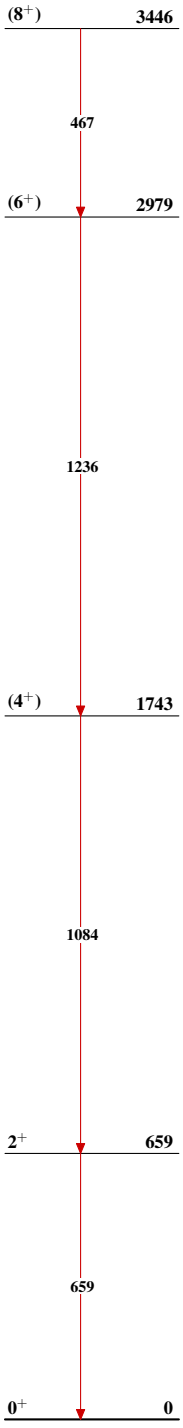
Level Scheme



$^{80}_{32}Ge_{48}$

^{198}Pt(^{82}Se,Xγ),^{192}Os(^{82}Se,Xγ) 1999Ma21,2004Po06

Band(A): Yrast structure



$^{80}_{32}Ge_{48}$