

$^{192}\text{Os}(^{82}\text{Se}, X\gamma)$ 2006ReZX

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 113, 1871 (2012)	15-Jun-2012

$E(^{82}\text{Se})=460$ MeV (lab); Ta-backed 97.8% isotopically-enriched ^{192}Os target; GASP spectrometer (40 Compton-suppressed coaxial HPGe detectors, 72-element BGO inner ball for multiplicity and calorimetry measurements); measured $E\gamma$, double-gated triples γ spectra, γ multiplicity.

 ^{192}Pt Levels

<u>$E(\text{level})^\dagger$</u>	<u>J^π^\ddagger</u>	<u>$E(\text{level})^\dagger$</u>	<u>J^π^\ddagger</u>	<u>$E(\text{level})^\dagger$</u>	<u>J^π^\ddagger</u>	<u>$E(\text{level})^\dagger$</u>	<u>J^π^\ddagger</u>
0.0	0 ⁺	1365	6 ⁺	2624	12 ⁺	4204	18 ⁺
316	2 ⁺	2018	8 ⁺	2998	14 ⁺	4950	20 ⁺
784	4 ⁺	2519	10 ⁺	3542	16 ⁺		

[†] From $E\gamma$.

[‡] Values suggested by authors.

 $\gamma(^{192}\text{Pt})$

<u>E_γ^\dagger</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
105	2624	12 ⁺	2519	10 ⁺
316	316	2 ⁺	0.0	0 ⁺
374	2998	14 ⁺	2624	12 ⁺
468	784	4 ⁺	316	2 ⁺
501	2519	10 ⁺	2018	8 ⁺
544	3542	16 ⁺	2998	14 ⁺
581	1365	6 ⁺	784	4 ⁺
653	2018	8 ⁺	1365	6 ⁺
662	4204	18 ⁺	3542	16 ⁺
746	4950	20 ⁺	4204	18 ⁺

[†] From level scheme In fig. 2 of 2006ReZX; uncertainty unstated by authors.

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Level Scheme

