^{186}Os(γ,xn) 1979Be08

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. C. Batchelder and A. M. Hurst, M. S. Basunia	NDS 183, 1 (2022)	1-Mar-2022

Eγ=7-30 MeV; enriched ^{186}Os target; measured photoneutron cross sections; deduced energy and Γ for the two components of the GDR.

^{186}Os Levels

All data are from 1979Be08.

E(level)	J^π	$T_{1/2}$	Comments
13.03×10^3 *9*	1^-	3.13 MeV *24*	Component of GDR; $J^\pi=1^-$. σ = 308 *21* mb (relative uncertainty; absolute uncertainty = 10%).
15.26×10^3 *9*	1^-	3.38 MeV *21*	Component of GDR; $J^\pi=1^-$. σ = 302 *23* mb (relative uncertainty; absolute uncertainty = 10%).