^{190}Os(γ,xn) 1979Be08

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh, [1] and Jun Chen[2]	NDS 169,1 (2020)	15-Oct-2020

Giant resonances.

1979Be08: Eγ=7-30 MeV γ beams were from the annihilation in flight of fast positrons from the Lawrence Livermore Laboratory Electron Positron Linear Accelerator. Neutrons were detected with an efficient paraffin-and-BF_3-tube 4π detector. Measured GDR at 12.68, 14.40 MeV and GQR at 23.8 MeV. Deduced resonance parameters.

Calculations: 1986Ma08 (Eγ=8-20 MeV), 1974Se09 (Eγ=10-20 MeV).

^{190}Os Levels

E(level)	J^{π}[†]	Comments
0	0^+	
187	2^+	B(E2)=2.15 *43* computed from measured Q_0=4.65 b *46* (1979Be08).
12680[‡]		
14400[‡]		
23800		Giant-quadrupole resonance.

[†] From the Adopted Levels.

[‡] Giant-dipole resonance.