^{89}Y(γ,p),(γ,xn):GDR   1984Va29,1967Be69,1971Le28

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 114, 1 (2013)	20-Oct-2012

1984Va29, 1984Va28, 1981Va24: (γ,p) E=14-24 MeV. Measured $\sigma(\theta)$, deduced giant-dipole resonances.

1967Be69: (γ,n), (γ,2n), (γ,3n): E up to 30 MeV. Measured cross sections, deduced GDR.

1971Le28: (γ,n), (γ,2n) E=10-26 MeV. Measured σ(E), deduced GDR.

1975Sh04: (γ,p) cross sections deduced from (e,e$'$p) at E=14-25.5 MeV, measured σ(E) and deduced GDR.

^{89}Y Levels

E(level)	Comments
16790 *40*	E(level): from 1967Be69. E=16800 *300* (1984Va29), 16700 *50* (1971Le28), 16700 (1975Sh04). Γ(total)=4.0 MeV *3* (1984Va29), 4.1 MeV *1* (1971Le28), 3.95 MeV *6* (1967Be69).
21.8×10^3 *3*	E(level): from 1984Va29. Other: 21600 (1975Sh04). Γ(total)=4.0 MeV *5* (1984Va29).