^{199}Hg(γ,γ') 1969Bo29

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 108, 79 (2007)	15-Oct-2006

1969Bo29 (also 1967Bo25): E(γ)<2 MeV. Measured cross sections.
Other: 1967Bo10.

^{199}Hg Levels

$g\Gamma_0\Gamma_i/\Gamma$ values are given under comments, where $g=(2J+1)/(2J_{target}+1)$, Γ_0=ground−state radiation width, Γ_i/Γ=fraction of decay via 42.67-min isomer.

E(level)	J^π	Comments
0	$1/2^-$	J^π: from 'Adopted Levels'.
1000 *20*		$g\Gamma_0\Gamma_i/\Gamma=2.7\times10^{-9}$ eV *+50−10*.
1340 *10*		$g\Gamma_0\Gamma_i/\Gamma=2.3\times10^{-7}$ eV *+45−9*.
1380 *10*		$g\Gamma_0\Gamma_i/\Gamma=1.1\times10^{-6}$ eV *+19−3*.
1420 *10*		$g\Gamma_0\Gamma_i/\Gamma=4.3\times10^{-6}$ eV *+75−15*.
1530 *20*		$g\Gamma_0\Gamma_i/\Gamma=7.7\times10^{-5}$ eV *+130−21*.
1700 *20*		$g\Gamma_0\Gamma_i/\Gamma=1.6\times10^{-4}$ eV *+33−10*.