^{103}Rh(^{78}Kr,p4nγ) E=380 MeV 1997Ca16

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. S. Basunia	NDS 107, 791 (2006)	15-Sep-2005

Measured Eγ, Iγ, $\gamma\gamma$ coin,Eα. Detectors: array of 15 Compton-suppressed germanium detectors. Semi. Deduced level energies.

^{176}Hg Levels

Because of the limited statistics, the ordering of levels is uncertain.

E(level)†	J$^\pi$‡
0.0	0^+
613.0 *10*	2^+
1369.0 *15*	4^+
1920.0 *18*	6^+

† From a least squares fit to the γ-ray energies assuming ΔE=1 keV for all γ-ray energies.
‡ From Adopted Levels.

γ(^{176}Hg)

E$_\gamma$†	I$_\gamma$†	E$_i$(level)	J$_i^\pi$	E$_f$	J$_f^\pi$
551	58 *19*	1920.0	6^+	1369.0	4^+
613	100 *25*	613.0	2^+	0.0	0^+
756	71 *21*	1369.0	4^+	613.0	2^+

† From 1997Ca16.

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Level Scheme

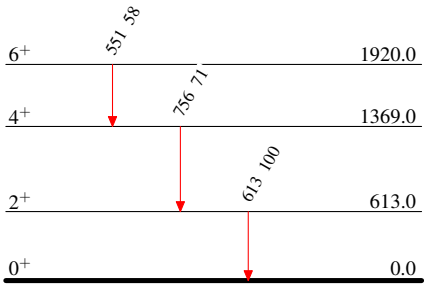
Intensities: Relative I_γ

Legend

$I_\gamma < 2\% \times I_\gamma^{max}$

$I_\gamma < 10\% \times I_\gamma^{max}$

$I_\gamma > 10\% \times I_\gamma^{max}$



$^{176}_{80}Hg_{96}$