^{204}Hg(d,α) 2003WiZW,2003WiZV

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	F. G. Kondev	NDS 196,342 (2024)	1-Sep-2023

2003WiZW,2003WiZV: E(d)=18 MeV. Reaction products were analyzed by the Q3D magnetic spectrograph of TU Munich (FWHM=8 keV) and detected and identified at the focal plane by a cathode-strip readout. Measured spin-up and spin-down spectra for nine different angles between 10° and 50°. Determined $\sigma(\theta)$ and $A_y(\theta)$. DWBA analysis.

^{202}Au Levels

E(level)[†]	J^π[#]	$T_{1/2}$	Comments
0	(1^-)	28.4 s *12*	J^π,$T_{1/2}$: From Adopted Levels. $J^\pi=0^-$ in 2003WiZW.
84[‡] *1*			
166[‡] *1*			
220[‡] *1*			
387 *1*	3^-		
430 *1*	2^-		
498 *1*	0^-		
554 *1*	2^-		
635 *1*	5^+		
1084 *1*	4^-		

[†] From 2003WiZW, unless otherwise stated. Uncertainty estimated by the evaluator, based on similar measurements in 2004Wi08.
[‡] From 2003WiZV.
[#] From $d\sigma/d\Omega(\theta)$ DWBA analysis and $A_y(\theta)$ in 2003WiZW, unless otherwise stated.