

$^{204}\text{Hg}(\text{d},\text{d}')$ **1972Mo12**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	C. J. Chiara and F. G. Kondev		NDS 111,141 (2010)	1-Oct-2009

1972Mo12: 95.8% ^{204}Hg implanted in C foil; E(d)=17 MeV; split-pole spectrograph for $\text{d}'(\theta)$, FWHM=8-12 keV.

 ^{204}Hg Levels

E(level) [†]	$\text{d}\sigma/\text{d}\Omega, \mu\text{b}/\text{sr}$ at 75°	Comments
0		
443 2	7.2×10^2 22	
1140 5	110 30	
1851? 7	52 16	E(level): Impurity peaks in d' spectra prevented definitive identification.

[†] Excited-state energies measured relative to ground state. Uncertainties are from the spectrograph accuracy of 0.4% and do not include a systematic uncertainty of 8 keV (**1972Mo12**).