
 $^{176}\text{Lu}(\text{d},\text{d}')$ 1969Mi21

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

Target: 93% enriched ^{176}Lu . Projectile: deuterons, E=12 MeV. Measured scattered deuterons at $\theta=75^\circ$, 95° , and 130° .

 ^{176}Lu Levels

<u>E(level)[†]</u>	<u>J^π[‡]</u>
0.0	7 ⁻
185.4 6	8 ⁻
390.2 9	9 ⁻
613.0 30	10 ⁻

[†] The energy scale of the deuteron spectrum was internally calibrated with the precisely known value for the energy of the $J^\pi=2^+$ state in ^{176}Yb . This explains the unusually small uncertainties in the level energies given by the authors.

[‡] From Adopted Levels.