

Muonic atom

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	M. J. Martin	NDS 114, 1497 (2013)	31-Aug-2013

 ^{152}Sm Levels

For isomer shift see [1979Po04](#), [1978Ya11](#), [1974Ba77](#), [1968Ga26](#), [1968Be24](#), [1968Ba36](#), [1967Be21](#). Other: [1975Ba72](#) is a preliminary version of [1979Po04](#).

Other: [1988Ab14](#): monopole nuclear excitation in bound-muon decay.

<u>E(level)</u>	<u>Jπ[†]</u>	<u>Comments</u>
0.0	0 ⁺	
122	2 ⁺	Q=-1.683 18 B(E2) \uparrow =3.456 9 Q: Weighted average of -1.666 16 (1979Po04) and -1.702 17 (1978Ya11) Other: -1.66 5 (1975Ba72) (reevaluated in 1980Ba08). B(E2) \uparrow : Weighted average of 3.448 26 (1979Po04) and 3.457 9 (1978Ya11) Other: 3.32 12 (1970Hi03).

[†] From Adopted Levels.