

---

**Muonic atom** [1980Sc01](#)

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jun Chen, Balraj Singh		NDS 164, 1 (2020)	15-Feb-2020

Includes kaonic atom.

Muonic-x rays measured, isotope shifts and nuclear charge radii deduced.

[1978Du21](#): ( $\mu^-$ , X) measured x-ray energies.

[1976Go01](#): kaonic-atom x rays. 3 x rays in  $^{98}\text{Mo}$  measured.

[1965Ch05](#): muonic-x rays measured, isotope shift deduced.

[Additional information 1](#).

Muonic x-ray energies:

2p3/2 – 1s1/2 transition: 2708.45 7 ([1980Sc01](#)), 2707.1 11 ([1965Ch05](#)).

2p1/2 – 1s1/2 transition: 2683.37 7 ([1980Sc01](#)).