

---

 $^{102}\text{Ru}(^{14}\text{C}, ^{16}\text{O})$  [1984Wa05](#)

---

| <u>Type</u>     | <u>Author</u>             | <u>History</u> | <u>Citation</u>  | <u>Literature Cutoff Date</u> |
|-----------------|---------------------------|----------------|------------------|-------------------------------|
| Full Evaluation | Balraj Singh and Jun Chen |                | NDS 172,1 (2021) | 31-Jan-2021                   |

[1984Wa05](#): E=60 MeV from Los Alamos tandem. Measured  $\sigma(\theta)$  for g.s. and first  $2^+$  level with a Q3D spectrometer. DWBA analysis. Comparison with IBA model ([1985Wa21](#)).

Other heavy-ion reactions:

$^{96}\text{Zr}(^{16}\text{O}, ^{12}\text{C})$ : [1973Re15](#).

$^{98}\text{Mo}(^{18}\text{O}, ^{16}\text{O})$ : [1972Ch03](#). Theory: [1972Ba79](#).

 $^{100}\text{Mo}$  Levels

| <u>E(level)</u> | <u>J<math>\pi</math><sup>†</sup></u> |
|-----------------|--------------------------------------|
| 0               | 0 <sup>+</sup>                       |
| 535             | 2 <sup>+</sup>                       |

<sup>†</sup> From the Adopted Levels.