

$^{171}\text{Yb}(n,\gamma)$ E=res **1973Li03**

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Balraj Singh	NDS 75,199 (1995)	31-May-1995

1973Li03: 165 resonances reported up to 1685 eV. Resonance parameters are given by the authors. Spins are deduced for a few of the resonances (J=0 for 8 resonances and J=1 for 26 resonances). See **1973Li03** for detailed data.

Following studies deal mainly with cross sections and yields:

1984Be34: E=10-200 keV.

1983AnZV: E=reactor energies. Neutron energies are not specified but probably vary from thermal to several keV.

1981Be34: data for 22 resonances.

1978Ba69: α widths for four resonances from (n, α) reaction.

1974Sh25: E=5-80 keV.

1968Mu05: E=7.9-225 eV. Data for 27 resonances.

1966Wa14: E=slow. Data for 22 resonances.

Others: **1962Ca21**, **1972Ra26** (theory).