
 $^{64}\text{Ni}(n,n')$ [1981Ko35](#)

<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 178,41 (2021).	12-Nov-2021

[1981Ko35](#): E=5,6,7 MeV neutron beams were produced via D(d,n) with deuteron from an EG-5 pulsed accelerator. Measured $\sigma(\theta)$ for g.s. and first 2^+ state. Deduced optical-model parameters.

Others: [1984KoYY](#) (0.5-7 MeV), [1980Ko05](#) (5 MeV), [1977Ko13](#) (1.5-3.0 MeV). Theoretical calculations: [1985Ti08](#) (1-26 MeV), [1985Ki09](#) (<20 MeV), [1978Le06](#) (1-15 MeV), [1975Si17](#) (1.5 MeV).

 ^{64}Ni Levels

<u>E(level)</u>	<u>Jπ[†]</u>
0	0^+
1350	2^+

[†] From the Adopted Levels.