

$^{14}\text{N}(^{10}\text{B},^{11}\text{B})$ [1975Na15](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell		NDS 198,1 (2024)	1-Aug-2024

[1975Na15](#): $^{14}\text{N}(^{10}\text{B},^{11}\text{B})$ E=97 MeV; measured $\sigma(E,\theta)$ for $\theta=10^\circ$ to 40° . Analyzed spectroscopic factors.
[1976Na09](#): E=97 MeV; compared $^{14}\text{N}(^{10}\text{B},^{11}\text{B})$ neutron transfer σ with the $^{14}\text{N}(^{10}\text{B},^{11}\text{C})$ proton transfer σ .

^{13}N Levels

<u>E(level)[†]</u>	<u>J^π[†]</u>	<u>C²S²[†]</u>
0	(1/2 ⁻)	0.72
3.51×10 ³	(3/2 ⁻)	0.19
7.4×10 ³		
11.9×10 ³		

[†] From DWBA analysis of spectroscopic factors in ([1975Na15](#)).