

$^9\text{Be}(^{15}\text{N}, ^{12}\text{N})$ [2008Bo37](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, J. E. Purcell and C. G. Sheu		NP A968, 71 (2017)	1-Jan-2017

[2002Bo16](#): $^9\text{Be}(^{15}\text{N}, ^{12}\text{N})$ E not given, measured excitation energy spectra. ^{12}Be deduced level energies, possible J, π , rotational band features.

[2003Bo24](#): $^9\text{Be}(^{15}\text{N}, ^{12}\text{N})$ E=240 MeV, measured excitation energy spectra. ^{12}Be deduced levels, J, π , configurations, rotational bands.

[2003Bo38](#): $^9\text{Be}(^{15}\text{N}, ^{12}\text{N})$ E=240 MeV, measured particle spectra, $\sigma(E, \theta)$. ^{12}Be deduced levels, J, π .

[2003Bo50](#): $^9\text{Be}(^{15}\text{N}, ^{12}\text{N})$ E=240 MeV, measured particle spectra. ^{12}Be deduced rotational bands.

[2008Bo37](#): $^9\text{Be}(^{15}\text{N}, ^{12}\text{N})$ E=231,216,231,240 MeV, measured reaction products. Deduced ^{12}Be energy levels, J, π .

 ^{12}Be Levels

E(level)	J $\pi^\dagger$
5.7×10^3	
6.4×10^3	(0 ⁺)
7.40×10^3	(2 ⁺)
9.3×10^3	
10.7×10^3	(4 ⁺)
14.6×10^3	(6 ⁺)
19.2×10^3	
21.7×10^3	(8 ⁺)

[†] Assumed from systematics of an assumed rotational band built on $^{12}\text{Be}^*(6.4)$ ([2008Bo37](#)).