^{12}C(^{15}N,^{17}F)   2001Bo35

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. L. Godwin, et al.	NP A745 155 (2004)	31-Mar-2004

2001Bo35: ^{12}C(^{15}N,^{17}F) E=240, 318.5 MeV, measured particle spectra, angular distributions. ^{10}Be deduced levels, J, π.

^{10}Be Levels

Projectile: energy: 318.5 MeV.

E(level)	J$^{\pi}$	T$_{1/2}$	Comments
0	0$^+$		E(level): from (2001Bo35).
3.37×10^3	2$^+$		E(level): from (2001Bo35).
5.96×10^3	2$^+$		E(level): from (2001Bo35).
7.37×10^3?	3$^-$		unresolved.
7.54×10^3?	2$^+$		unresolved.
9.27×10^3?	4$^-$		unresolved.
9.55×10^3			E(level): from (2001Bo35).
10.5×10^3			E(level): from (2001Bo35).
11.8×10^3			E(level): from (2001Bo35).
13.6×10^3 1		200 keV 50	E(level): Γ: from (2001Bo35).
15.3×10^3 2		0.8 MeV 2	E(level): Γ: from (2001Bo35).
16.9×10^3 2		1.4 MeV 3	E(level): Γ: from (2001Bo35).