^{9}Be(^{14}C,^{16}O),(^{15}N,^{17}F)   **2002Ti10,2001Bo35**

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Hu, Tilley, Kelley, Godwin et al.	NP A708, 3 (2002)	23-Aug-2001

1987Bo40: ^{9}Be(^{14}C,^{16}O) $E_{C.M.}$=60.26 MeV, measured energy spectra $\sigma(\theta)$. ^{7}He deduced levels, Γ.

1988Be34: ^{9}Be(^{14}C,^{16}O) E=152.6,158 MeV, measured ejectile spectra. ^{7}He deduced levels, parameters.

1998Bo38: ^{9}Be(^{15}N,^{17}F) E=240 MeV, measured particle spectra. ^{7}He deduced resonances, J, π.

1999Bo26: ^{9}Be(^{15}N,^{17}F) E=240 MeV, measured residual nuclei spectra. ^{7}He deduced levels, possible J, π.

2001Bo35: ^{9}Be(^{15}N,^{17}F) E=240, 318.5 MeV, measured particle spectra, angular distributions. ^{7}He deduced levels, J, π, resonance parameters.

^{7}He Levels

E(level)	$T_{1/2}$	Comments
0	140 keV 2	
3.00×10^{3} 9	1.7 MeV 2	E(level): average of 2.9 MeV 5, 3.2 MeV 2 and 3.2 MeV 2.
		Γ: average of 1.5 MeV 5, 1.5 MeV 2 and 1.9 MeV 2.
5.8×10^{3} 3	4 MeV 1	

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