^{9}Be(d,d),(d,d′) 1966La04,1968Kr02

History

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

1967Fi07: ^{9}Be(d,d), (d,d′) E=11.8 MeV, measured $\sigma(E_{d'},\theta)$. ^{9}Be deduced levels, S.
1968Ve11, 1969Ve09: ^{9}Be(d,d) E=13.6 MeV, measured $\sigma(\theta)$. Deduced optical model parameters.
1970Po03: ^{9}Be(d,d) E=4.5-6.0 MeV, measured $\sigma(E,\theta)$.
1971Dj02: ^{9}Be(d,d) E=5-7 MeV, measured tensor polarization(θ), $\sigma(E_{d},\theta)$.
1971Gr20: ^{9}Be(pol. d,d) E=12 MeV, measured vector analyzing power iT_{11}(THETA).
1971Za04: ^{9}Be(pol. d,d) E=12.6 MeV, measured vector polarization Pd(θ). Deduced optical model parameters.
1972Ma47: ^{9}Be(d,d) E=13.6 MeV, measured $\sigma(\theta)$. Deduced optical model parameters.
1976Da15: ^{9}Be(pol. d,d), (pol. d,d′) E=15 MeV, measured $\sigma(\theta)$, Ay(θ). ^{9}Be levels deduced β_2. DWBA, ICC analyses.
1978Ta12: ^{9}Be(d,d), (d,d′) E=12.17-14.43 MeV, measured $\sigma(E,\theta)$. ^{9}Be deduced β_2. DWBA analyses.
1983De50: ^{9}Be(pol. d,d) E=2-2.8 MeV, measured $\sigma(E,\theta)$, analyzing power vs E, θ. Deduced optical potential parameters.
1989Sz02: ^{9}Be(d,d) E=6.7-7.5 MeV, measured $\sigma(\theta)$ vs E. Deduced reaction mechanism. ^{9}Be deduced cluster spectroscopic amplitudes. DWBA analyses.
1993Ab10: ^{9}Be(d,d) E=4-11 MeV, measured $\sigma(\theta)$. Deduced model parameters.

^{9}Be Levels

E(level)	J^{π}	$T_{1/2}$	L	Comments
0.0				
1.7×10^{3}				
2431.9 *70*	$(1/2,5/2,7/2)^{-}$		2	E(level): from (1968Kr02). J^{π}: see (1966La04).
3040 *15*		294 keV *20*		E(level): Γ: from (1968Kr02).
4.7×10^{3}				
6.8×10^{3}				