

$^9\text{Be}(\text{n,p}),(\text{n,d}),(\text{n,t})$ 2002Ne02

Type	Author	History	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

[1977Ro01](#): $^9\text{Be}(\text{n,p})$ E=18.3 MeV, measured $\sigma(\theta)$.
[2000Da22](#): $^9\text{Be}(\text{n,p})$ E=96 MeV, measured proton spectra, $\sigma(E,\theta)$. Deduced Gamow-Teller strength. DWBA calculations.
[1969Sc05](#): $^9\text{Be}(\text{n,d})$ E=16.3-18.7 MeV, measured $\sigma(E_N)$.
[1978Ri02](#): $^9\text{Be}(\text{n,d})$ E=800 MeV, measured σ .
[1981NeZY](#): $^9\text{Be}(\text{n,d})$ E=60 MeV, measured $\sigma(\theta)$. Deduced reaction mechanism. DWBA analysis, Goldhaber-Teller form factor.
[1974Pe06](#): $^9\text{Be}(\text{n,t})$ E=13.99 MeV, measured $\sigma(E_t,\theta)$.
[1975Bi07](#): $^9\text{Be}(\text{n,t})$ E=14.7 MeV, measured σ .
[1976Di13](#): $^9\text{Be}(\text{n,t})$ E=13.3-15 MeV, measured $\sigma(E)$.
[1977Ro01](#): $^9\text{Be}(\text{n,t})$ E=18.3 MeV, measured $\sigma(\theta)$.
[1982Sh19](#): $^9\text{Be}(\text{n,t})$ E=14.1 MeV, measured $\sigma(E_t)$.
[1987Za01](#): $^9\text{Be}(\text{n,t})$ E=14.6 MeV, measured $\sigma(\theta)$, σ .
[1988Li05](#): $^9\text{Be}(\text{n,t})$ E=12.86-19.57 MeV, measured $\sigma(E)$.
[1990Wo07](#): $^9\text{Be}(\text{n,t})$ E=16-19.6 MeV, measured $\sigma(E)$.
[2002Ne02](#): $^9\text{Be}(\text{N,t}\gamma)$, (n,t) E=12-200 MeV, measured E_γ , I_γ , σ . ^{10}Be deduced level energies.

 ^{10}Be Levels

E(level)	Comments
0	
$17.79 \times 10^3?$	E(level): from (2002Ne02) .
18.55×10^3	E(level): from (2002Ne02) .
21.22×10^3	E(level): from (2002Ne02) .
22.26×10^3	E(level): from (2002Ne02) .
$24 \times 10^3?$	E(level): from (2002Ne02) .