
 $^9\text{Be}(^{12}\text{N},\text{X})$ [1995Oz01](#)

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

[1995Oz01](#): $E(^{12}\text{N})=670$ to 730 MeV/nucleon, measured interaction σ , deduced effective r.m.s. radius ≈ 2.4 - 2.5 fm.

[2006Wa18](#): $E(^{12}\text{N})=20.3$ to 42.2 MeV/nucleon, measured reaction σ and proton removal σ .

[2010Li18](#): $E(^{12}\text{N})=34.9$ MeV/nucleon, measured total reaction σ .

 ^{12}N Levels

<u>E(level)</u>	<u>Comments</u>
0	$R_p \approx 2.7$ fm, $R_n \approx 2.45$ fm and $R_{\text{matter}} \approx 2.6$ fm (2006Wa18).