

$^9\text{Be}(^{13}\text{N},\text{X})$ 1996Oz01				
Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu and J. E. Purcell		NDS 198,1 (2024)	1-Aug-2024
1996Oz01 , 2001Oz04 : ^9Be , C, $^{27}\text{Al}(^{13}\text{N}, ^{13}\text{N})$ $E\approx 730$ MeV; measured interaction cross sections. Deduced proton, charge, neutron and matter radii of 2.32 fm 4, 2.45 fm 4, 2.30 fm 4 and 2.31 fm 4, respectively.				
2001Oz04 : Glauber analysis of available breakup data.				
2002Me12 : Calculated charge changing σ on carbon, radius.				
2017Ah08 : Glauber model analysis of nuclear radii.				

^{13}N Levels	
E(level)	Comments
0	$\langle r_p^2 \rangle^{1/2}=2.32$ fm, $\langle r_n^2 \rangle^{1/2}=2.45$ fm and $\langle r_m^2 \rangle^{1/2}=2.30$ rm.