
 ${}^{232}\text{Th}({}^{18}\text{O}, {}^{19}\text{N})$ [1969Ar13](#)

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	G. C. Sheu, J. H. Kelley		ENSDF	06-Nov-2018

[1969Ar13](#): The particle stability of ${}^{19}\text{N}$ was confirmed by analysis of the transfer reaction products resulting from $E({}^{18}\text{O})=122$ MeV bombardment of a 5 mg/cm^2 metallic ${}^{232}\text{Th}$ foil at Dubna. The reaction products were momentum analyzed in a magnetic spectrometer and then focused on a ΔE -E Si detector telescope, which provided particle identification.

 ${}^{19}\text{N}$ LevelsE(level)

0