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

| <u>Type</u> | <u>Author</u> | <u>History</u> | <u>Citation</u> | <u>Literature Cutoff Date</u> |
|-----------------|-----------------------|----------------|-----------------|-------------------------------|
| Full Evaluation | J. Kelley, C. G. Sheu | | ENSDF | 01-May-2017 |

[1969Ar13](#): The discovery of ${}^{18}\text{C}$ is credited to [1969Ar13](#), who analyzed 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.

 ${}^{18}\text{C}$ LevelsE(level)

0