

U(P, $^{19}\text{N}$ ) 1986Pi09

<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

**1986Pi09:** Spallation products from 800 MeV proton bombardment of a uranium target at LAMPF were detected using a series of detectors that provided  $\Delta E$ , E and time-of-flight information. The products were analyzed to obtain A and Z identification, and mass excesses were deduced for a few carbon, nitrogen, oxygen, fluorine and neon isotopes. The  $^{19}\text{N}$  mass excess  $\Delta M=14.3$  MeV *30* was obtained.

 $^{19}\text{N}$  Levels

<u>E(level)</u>	<u>Comments</u>
0	$\Delta M=14.3$ MeV <i>30</i> .