
 $^9\text{Be}(^{48}\text{Ca},^{20}\text{N})$ **1981St23**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	C. G. Sheu, J. H. Kelley		ENSDF	31-Dec-2018

1981St23: Production yields for fragmentation of 213 GeV/nucleon ^{48}Ca projectiles on a beryllium target were measured at the Bevalac using a 0° magnetic spectrometer. The neutron-rich fragments were focused on a stack of Lexan plastic track detectors; analysis of the tracks provided the range, charge and magnetic deflection of the produced isotopes. A charge resolution of 0.2 was obtained along with a mass resolution of approximately ≤ 0.2 u.

The analysis showed clear indications of ^{20}N . The cross section of roughly $19 \mu\text{b}$ was deduced.

 ^{20}N LevelsE(level)

0