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**Be( $^{238}\text{U}$ ,F) 2011Ni01**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	G. Gürdal and F. G. Kondev		NDS 113, 1315 (2012)	1-Aug-2011

Beam: E( $^{238}\text{U}$ )=345 MeV/nucleon produced by the cascade operation of the RBIF complex of accelerators at RIKEN. Target: 550 mg/cm<sup>2</sup> Be.

Identification of  $^{110}\text{Nb}$  was made on the basis of magnetic rigidity, time-of-flight and energy loss. The separated nuclei were implanted in a nine-layer double-sided silicon-strip detector (DSSSD). Correlations were recorded between the implanted nuclei and associated  $\beta$  decays. The half-life of  $^{110}\text{Nb}$  isotope was measured from the correlated ion- $\beta$  decay curves and maximum likelihood analysis technique.

 **$^{110}\text{Nb}$  Levels**

<u>E(level)</u>	<u>T<sub>1/2</sub></u>	<u>Comments</u>
0	86 ms 6	T <sub>1/2</sub> : from 2011Ni01 using the analysis of the (ion) $\beta$ -correlated decay curve.