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 $^9\text{Be}(^{36}\text{Ar},^{19}\text{Mg})$  [2003Fr31](#)

<u>Type</u>	<u>Author</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	J. H. Kelley, G. C. Sheu	ENSDF	1-Jan-2014

Products from fragmentation of a 150 MeV/A  $^{36}\text{Ar}$  beam on a  $^9\text{Be}$  target were analyzed in the NSCL/A1900 fragment separator and identified using  $\Delta E$ -E and  $\Delta E$ -Time of flight techniques. Expected yields from, for example, the EPAX1 and EPAX2 abrasion-ablation models were of order 4000 events, while no  $^{19}\text{Mg}$  nuclei were detected. Analysis indicated an upper limit of  $T_{1/2} < 22$  ns ([2003Fr31](#),[2004Fr33](#)).