

Abstract Submitted
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Ft value for the superallowed decay of ^{32}Ar ¹ A. GARCIA, M. BHATTACHARYA, D. MELCONIAN, E.G. ADELBERGER, H.E. SWANSON, S. TRIAMBAK, University of Washington, A. KOMIVES, DePauw University, T. GLASMACHER, P.F. MANTICA, A. OROS, J.L. PRISCINDARO, M. STEINER, B.A. BROWN, Michigan State University, M.W. COOPER, S.L. TABOR, M. WIEDEKING, Florida State University, V. GUIMARAES, University of Notre Dame — ^{32}Ar produced by fragmentation at the NSCL at MSU was implanted into a Si detector. Beta-delayed protons and gammas were measured with the help of additional Si detectors and Ge detectors. We were able to determine the superallowed branch with a precision of $\approx 0.5\%$. With this information plus the half-life and endpoint from previous work we extract the ft value which allows for a comparison of predicted versus measured isospin-breaking correction. Results will be presented.

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Alejandro Garcia
University of Washington, Seattle

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