

Abstract Submitted
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Recent Results on the Branching Ratio in the Beta Decay of Oxygen-14¹ MATTHEW KOWALSKI, ELIZABETH GEORGE, PAUL VOYTAS, Wittenberg University, LYNN KNUTSON, GREGORY SEVERIN, SEAN COTTER, University of Wisconsin-Madison — As one of the most allowed beta decays, and as a member of the A=14 isospin triplet, the 0+ to 0+ beta decay of oxygen-14 plays an important role in tests of the weak interaction. We have been involved in high precision measurements of the spectral shape and of the branching ratio, which are important for such tests. Preliminary analysis of the latest branching ratio data will be presented.

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Paul Voytas
Wittenberg University

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