

Abstract Submitted  
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**Results from EXO-200** CLAYTON DAVIS<sup>1</sup>, University of Maryland (College Park), EXO-200 COLLABORATION<sup>2</sup> — The EXO-200 (Enriched Xenon Observatory – 200 kg) experiment has recently placed new limits on the  $bb0\nu$ -mode half-life of xenon-136, with  $T_{1/2} > 1.6 \times 10^{25}$  years. This corresponds to an effective Majorana mass of less than 140-380 meV (depending on the matrix element calculations), which compares favorably to limits placed by other Germanium-based experiments. I will give an overview of this recent result from EXO-200.

<sup>1</sup>On behalf of EXO-200

<sup>2</sup>Enriched Xenon Observatory

Clayton Davis  
University of Maryland (College Park)

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