

Abstract Submitted
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Nuclear Data Evaluation at TUNL¹ MICHAEL NARIJAUSKAS, Student, NUCLEAR DATA EVALUATION GROUP AT TUNL COLLABORATION — Experimental and theoretical information in nuclear research is of critical interest in the nuclear science community. Such data must be evaluated and reviewed for future reference. The nuclear data evaluation group at TUNL assembles nuclear structure data corresponding to nuclides of the atomic mass range 2-20. Activities include surveying peer-reviewed journal articles, compiling nuclear structure and decay data results into the experimental unevaluated nuclear data list, and creating evaluated nuclear structure data files for the ENSDF database. The exotic nuclides ²⁰C, ¹⁰N, and ¹⁰Be were surveyed. ENSDF and XUNDL files were compiled and submitted to the National Nuclear Data Center (NNDC).

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