

Abstract Submitted  
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**New Nuclear Decay Library for ENDF/B-VII** ALEJANDRO SONZOGNI — As a part of the ENDF/B-VII (Evaluated Nuclear Data File) release, a new library containing nuclear decay data was produced. Its main sources are the Evaluated Nuclear Structure Data File, which is continuously updated and the 2005 edition of the Nuclear Wallet Cards. An important component of it is the use of the Total Absorption Gamma-ray Spectrometer (TAGS) data measured by Idaho National Laboratory. The library is well suited to complex decay network calculations. It is expected to have an impact in many nuclear science and technology applications such as reactor operations and radionuclide management. Decay heat calculations and comparison with other libraries will be presented.

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