

Development of FRENDY version 2 FRENDY 第2 版の開発

Friday, 19 November 2021 09:00 (30 minutes)

FRENDY (From Evaluated Nuclear Data library to any application) is a nuclear data processing code for the evaluated nuclear data libraries JENDL, ENDF/B, JEFF, TENDL, and so on. The first version of FRENDY was released in 2019 as an open-source software under the 2-clause BSD license. FRENDY Version 1 generates the ACE files which is used for the continuous energy Monte Carlo codes such as PHITS, Solomon, Serpent, and MCNP. FRENDY Version 2 generates the multi-group neutron cross-section files from the ACE file. This presentation explains the characteristics of FRENDY and new capabilities implemented in FRENDY version 2.

Primary author: Dr TADA, Kenichi (JAEA)

Co-authors: YAMAMOTO, Akio (Nagoya Uni.); ENDO, Tomohiro (Nagoya Uni.); CHIBA, Go (Hokkaido Uni.); ONO, Michitaka (GNF-J); TOJO, Masayuki (GNF-J)

Presenter: Dr TADA, Kenichi (JAEA)

Session Classification: Current Status and Prospects of Nuclear Data Study 2 核データ研究の現状と展望 2