JCPRG Progress Report

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Member	
Centre head	K. Nomura (Prof.)
Compiler	S. Watanabe (PD) Y. Obata (M2) K. Suzuki (M2) (M. Aikawa (Prof., supporting member))

Entries transmitted since the previous NRDC meeting

- We transmitted 38 new and 95 revised entries as 13 trans and prelim files (E142-E153 and R031).

TRANS	TRANS Status	ENTRY Tot.	ENTRY New	ENTRY Rev.
E142	Final (2024/5/3)	9	9	0
E143	Final (2024/5/5)	19	0	19
E144	Final (2024/5/5)	17	0	17
E145	Final (2024/6/25)	10	1	9
E146	Final (2024/6/25)	10	3	7
E147	Final (2024/6/25)	7	0	7
E148	Final (2024/8/9)	10	2	8
E149	Final (2024/8/12)	6	0	6
E150	Final (2024/8/15)	5	3	2
E151	Final (2024/12/30)	11	11	0
E152	Prelim (2025/5/27)	6	6	0
E153	Prelim (2025/6/2)	13	3	10
R031	Final (2024/12/30)	10	0	10

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Software for compilation and data retrieval system

- ## Software for coding
  - Editor "HENDEL", https://www.jcprg.org/manuals/hendel/
  - Digitizer "GSYS", https://www.jcprg.org/gsys/2.4/

- ## Data retrieval system
  - NRDF: http://www.jcprg.org/nrdf/
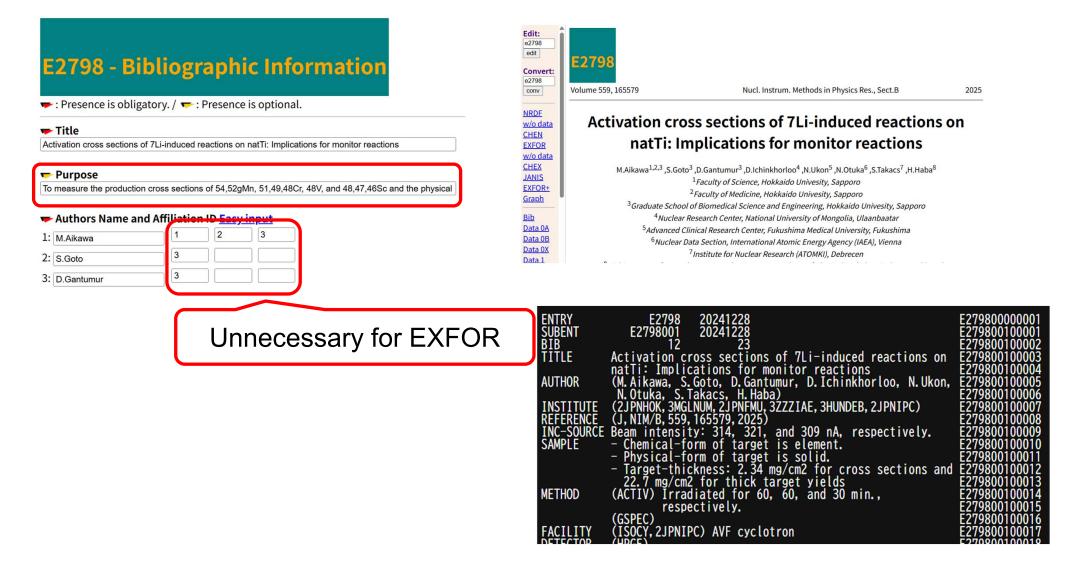 - EXFOR/ENDF: http://www.jcprg.org/exfor/

Web-based Editor for Nuclear Data (HENDEL)

- **HENDEL:**
  - is available on many browsers.
  - does not require compilers' knowledge of EXFOR format.
  - Provides selective items to reduce illegal codes.
  - Creates the two formats, EXFOR and NRDF, simultaneously.

Web-based Editor for Nuclear Data (HENDEL)

E2798 - Bibliographic Information

☞ : Presence is obligatory. / ☞ : Presence is optional.

☞ **Title**

Activation cross sections of 7Li-induced reactions on natTi: Implications for monitor reactions

☞ **Purpose**

To measure the production cross sections of 54,52gMn, 51,49,48Cr, 48V, and 48,47,46Sc and the physical

☞ **Authors Name and Affiliation ID** Easy input

1: M.Aikawa   1 2 3
2: S.Goto   3
3: D.Gantumur 3

Unnecessary for EXFOR

E2798

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Activation cross sections of 7Li-induced reactions on natTi: Implications for monitor reactions

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Web-based Editor for Nuclear Data (HENDEL)

New editor project launched

- In 2001, the HENDEL editor (beta version) was developed by Otsuka-san.

- As of 2025, JCPRG continues to use HENDEL for data compilation.
  - The JCPRG current compilers are graduate students with less EXFOR knowledge.

- A new EXFOR-oriented editor project has been launched, with valuable contributions from Suzuki-san, a master's course student.