

Center of Nuclear Physical Data

Status report to the Technical Meeting of Nuclear Reaction
Data Centers,
May 25-26, 2009

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TRANS.F033

TRANS.F034

TRANS.F035

41 new entries

20 corrected entries

- 238 new files

Nucleus
H-1

Projectile


- p
- d
- ³He
- α
- ⁶Li
- ⁷Li

IBANDL

EXFOR

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IBANDL

Nuclear Data Service

This is the Ion Beam Analysis Nuclear Data Library produced according to the recommendations of the [IAEA Technical Meeting](#) held at the IAEA Headquarters in Vienna (29 to 30 October 2003). This data collection is a result of merging [SigmaBase](#) and [NRABASE](#). It contains most of the available experimental nuclear cross-sections relevant to Ion Beam Analysis. Excitation functions are numerical data in the [R33](#) format. All the data are available in a graphical format. Where all efforts were made to ensure that the data are reliable. No guarantee can be given concerning the full validity of the data. The user assumes responsibility for usage of IBANDL.

Maintaining IBANDL as a dynamically developing database significantly depends on the activity of all members of the IBA community. Contributions to IBANDL are welcome. If you have new experimental data, please contact the IBA community in the field of Ion Beam Analysis.

The activity of the IBA community in the field of Ion Beam Analysis is

Nucleus
Ne-22

Projectile

- p
- d
- ³He
- α
- ⁶Li
- ⁷Li

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EXFOR

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22Ne(p, p0)22Ne

Energy, keV

EXFOR - Editor



- All dialog windows have been designed.
- All the modes of data processing (creation of a new entry, data input, data editing and data checking) were implemented.
- New Exfor-Lexfor help system (version February, 2008) is provided now.
- Help system for Exfor-Editor was updated according to the last modifications.

EXFOR - Wizard

