

## EXFOR master file comparisons

NNDC and NDS will compare their master files with a view to unify them. The exercise was started by comparison runs by V. Zerkin at NDS (see below).

*These two related papers (originally attached to this WP) are available from NDS:*

- An analysis by O.Schwerer (December 2001) of what differences can be expected
- Memo CP-M/16 by V.V. Varlamov on errors found when comparing the CDFE with NNDC and NDS master files.

**Welcome to pilot project**  
**"Merge NDS and NNDC EXFOR Libraries"**

V. Zerkin

Introduction

For some reasons NDS and NNDC have slightly different EXFOR data libraries. The project aiming to merge the data was initiated by P.Oblozinsky (NNDC) in 2001 and supported by V.McLane (NNDC), V.Pronyaev and O.Schwerer (NDS). First stage of the project is comparison of EXFOR Master files between NDS and NNDC. Software for this comparison as well as this page was created by V.Zerkin with consultancy of O.Schwerer. MySQL/Linux version of [EXFOR-Relational](#) was used for data manipulations. Next stage of the project will be done mainly by V.McLane and O.Schwerer.

Comparison NDS and NNDC EXFOR Master files

- 1) Missing Entries, Subentries, 09-May-2002
- 2) Different REACTION codes, 09-May-2002
- 3) Different N1\*N2 in DATA section, 09-May-2002
- 4) Difference in coded information (to be done?)

Summary of comparison <sup>1)</sup>

<i>Parameter</i>	<i>NDS</i>	<i>NNDC</i>	<i>Entries</i>	<i>Comment</i>
Total ENTRY	12,717	12,690		
Total SUBENT	82,147	81,869		SUBENT.001 not included
Exclusive ENTRY <sup>2)</sup>	40	13	53	
Exclusive SUBENT	111	86	70	excluding Subentries from <sup>2)</sup>
Different REACTION codes	2,416		288	excluding ", EXP"
Different N1*N2 in DATA section	482		211	

1) *Note.* NDS and NNDC Master files were taken at 02-May-2002;  
 Deleted & Superseded data are not included

See also: [EXFOR/NDS: Entries with the same 1-st reference](#), related to EXFOR errors problem, May-2001