

## MEMO CP-A/102

13 June 2000

To: **Distribution**  
From: **F.E. Chukreev, S.Babykina**  
Subject: **1. Additions to Dictionaries,**  
**2. LEVEL-PROP keyword.** (a little remark to **EXFOR Basics**)

### *1.1 Dictionary 31*

SPL Spallation cross section

FIS High-energy fission cross section

### *1.2 Dictionary 36*

SPL,SIG partial cross section due to spallation process

FIS,SIG partial cross section due to high-energy ( .50 MeV/Nucleon) fission process.

**Comment:** We met need to use **SPL** code to compile the paper from **EPJ/A,2,193,1998**. The code and **FIS** are present in **REACTION MECHANISMS** of **LEXFOR**. We were surprised very much, when **SPL** has not been found in **EXFOR** Dictionaries.

### *1.3 Dictionary 27*

Add permission to use **79-AU-197, 82-PB-208, 92-U-238** as *beam particles*. GSI accelerator uses the beams, for example.

Add permission use as *reaction products*: **87-FR-223, 88-RA-221, 56-BA-124, 56-BA-125**. Isomer states of the nuclei are not observed yet.

2. **B.7** page of **EXFOR Basics** contains now for **LEVEL-PROP**:

*“ Level Energy . The field identifier E-LVL= followed by excited state energy in MeV, coded as a floating-point number which also appears in the data section under the data heading E-LVL.”*

We would like to propose to permit to use **E-LVL-INI, E-LVL-FIN** and another derivative codes from **E-LVL** for **Level-Energy**. It will useful for correct compilation. If the proposal will be assumed, then the sentence must be changed for:

*“ Level Energy . The field identifier E-LVL= (E-LVL-INI=, E-LVL-FIN= and another derivatives codes) followed by excited state energy in MeV, coded as a floating-point number which also appears in the data section under the data heading E-LVL (E-LVL-INI, E-LVL-FIN etc).”*

Similar proposal was distributed by CAJAD as MEMO CP/A-95. But we have not any reply for our proposal. Therefore we decided to repeat it.

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