

EXFOR DB Error Report (A18)

V. Zerkin, 2011-05-19

Dear Colleagues,

Because of action A18 from NRDC-2010 and announced WP2011-20, I send you short note (reminder).

- 1) The "Errors report." is always generated during EXFOR updating process; it is included in every distribution of the EXFOR Master file.
- 2) Some of mistakes stay too long, and I would like to attract you attention to them (see PS.1. and PS.2)
- 3) Last update (18-May-2011 13:03:54) was done ignoring error message (see PS.3.) about Alteration flags (column 11 in ENTRY and SUBENT).

I would like to propose stop the practice ignoring this message, and either

- a) request originating center to retransmit TRANS file (doing this really trivial correction), or
- b) create file [TRANS.xxxx_NDS](#) and correct the file here (this was usually done by Svetlana when working here)

This e-mail can be used as WP-2011-20.

Best regards,

Viktor

PS.1.-----Category "No Title"-----

ENTRY 23064 X:\x4pdf\2010\nim_b_268_1283_2010.pdf
But there is title:

"Solving the stellar 62Ni problem with AMS"

PS.2.-----Category "No Authors"-----

ENTRY S0025 X:\x4pdf\1985\phe_9_723_1985.pdf (PS.1)

**LOW ENERGY CROSS-SECTIONS MEASUREMENT
OF D-D AND D-T REACTIONS**

1ST RESEARCH GROUP, 1ST RESEARCH DIVISION
(Institute of Modern Physics, Academia Sinica)

ABSTRACT

The cross sections of deuteron-deuteron reaction for deuteron energy from 15 keV to 150 keV and of deuteron-tritium reaction for deuteron energy from 13.8 keV to 114.3 keV were measured by the process of passing a deuteron and tritium beam into a gas target formed by a differential pumping system and two capillary pipes. Experiments in two steps-angular distribution measurement and absolute differential cross-section measurement-were performed at 3 Cockcroft-Walton generators with terminal voltages of 50 kV, 150 kV and 300 kV. Emperical fit of D-D reaction data to Gamow formulae and comparison of D-T reaction data with BWE theory were given.

PS.3.-----Errors in Alteration flags: Trans D076-----

New ENTRY D4236 Alt=[C] Error: only Alt=[] is allowed (Add new ENTRY)
 New SUBENT D4236001 Alt=[C] Error: only Alt=[] is allowed (Add SUBENT to new ENTRY)
 New ENTRY D4238 Alt=[C] Error: only Alt=[] is allowed (Add new ENTRY)
 New SUBENT D4238001 Alt=[C] Error: only Alt=[] is allowed (Add SUBENT to new ENTRY)
 New ENTRY D4239 Alt=[C] Error: only Alt=[] is allowed (Add new ENTRY)
 New SUBENT D4239001 Alt=[C] Error: only Alt=[] is allowed (Add SUBENT to new ENTRY)
 New ENTRY D4241 Alt=[C] Error: only Alt=[] is allowed (Add new ENTRY)
 New SUBENT D4241001 Alt=[C] Error: only Alt=[] is allowed (Add SUBENT to new ENTRY)