

1979-12-27

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From: H. D. Lemmel *Lemmel*

Subject: Comments on EXFOR and CINDA, received from Prof. Vonach, Vienna

In Prof. Vonach's institute in Vienna, an interesting experimental and theoretical work on neutron emission cross-sections was done (Wenninger et al.) and reported recently at Gaußig (German Democratic Republic).

They found the following data missing in Exfor:

- 1) G. Clayeux, J. Voignier (from Limeil)
CEA-R-4279, 1972
Diffusion non-elastique de neutrons de 14 MeV sur
Mg, Al, Si, S, Ca, Sc, Fe, Ni, Cu, Av, Pb and B
- 2) R.M. Schectman, J.D. Anderson (Livermore)
Nucl. Phys. 77, 241, 1966
- 3) J.L. Kammerdiener, UCRL-51232, 1972

(I did not check whether the data were meanwhile transmitted in Exfor)

They also encountered in Cinda that the data by Clayeux and by Kammerdiener were entered under "differential inelastic" but not under "n Emission" where they rather should be entered. Prof. Vonach's suggestion was, that such data that are "inelastic" in the low energy range but "n Emission" in the higher energy range due to contributions from (n,2n) etc, should rather be entered in Cinda under both quantities. I believe, we all agree in this point but it may be useful to remind the Cinda indexers.

We would appreciate appropriate actions by NNDC and NEA-DB to update Exfor and Cinda accordingly.

Happy New Year!

Clearance: J.J. Schmidt *J.J. Schmidt*

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