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From: *RP* R. Paviotti \*, *Silva* C. da Silva \*, *Lemmel* H. D. Lemmel

Subject: Cinda and Exfor completeness check for Cu-63 (n,α)

Cu-63(n,α) is among the reactions that are of interest for dosimetry by foil activation. NDS has been asked to provide a review for this reaction. A by-product is the following completeness check of Cinda and Exfor, which turned out to be quite satisfactory.

CINDA seems to be complete except for 62LOSANG (see Exfor dictionary) containing two pertinent references by C.H. Hogg et al, and R.L. Ritzman et al. Also missing in Cinda is a reference to UKNDL-DFN 681A.

In EXFOR 62LOSANG is missing, but also the following new references, which may be in process of compilation:

Winkler (Austria), NDE 67 260 1978

Grimes (USA), BNL-NCS-50681 (1977)  
BAPS 22 691 1977

Exfor index lines in Cinda were found complete except for the works which are still in the 60 000 resp. 80 000 series (4 works resp. 2 works).

We would appreciate completion of Cinda and Exfor as indicated above.

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