

Scherbaum Andrea

From: Otto Schwerer, IAEA Nuclear Dat
To: Scherbaum Andrea; DUNFORD; MCLANE; TUBBS; KONIECZNY; MANOKHIN;
OLGA
Subject: No Subject
Date: Monday, January 13, 1997 5:18PM

Memo 4C-3/382
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To: Distribution 13 January 1997
From: O.Schwerer
Subject: Comments on TRANS 4102 and TRANS 1264

Please find below our comments on these TRANS files.

TRANS 4102
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Entry	Subent	Comment
41193	2,3	Add 'MXW' to REACTION SF8
41199	2 - 12	Add 'FIS' to REACTION SF8

13 - 23 Delete these subentries. The REACTION given is ,DA,,4PI/LEG but, according to the main reference (C,94GATLIN,,254,9405), the data given are neither Legendre coefficients nor describing an angular distribution. The coefficients given describe the dependence of the apparent cross section of the sample thickness according to $Sig(d) = Sig(0) + a(1)*d + a(2)*d**2$ with d being the sample thickness. Therefore the coefficients a(1) and a(2) are not quantities to be compiled in Exfor.

41201 2 - 4 Delete PAR from REACTION SF5

Retransmission of these entries is requested.

TRANS 1264
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Entry 13623: The MONITOR reaction contains an invalid particle code in SF3 (PIO). If this is needed, a dictionary update should be requested. This would be the first time that, with pions in SF2 or SF3, the four subfields SF1 through SF4 are all present - I wonder how we will then keep the consistency checking between them. In the present case, (N,G) would give the same reaction product as (N,PIO) (if the specified monitor reaction is correct).

Distribution:

SMTP%"DUNFORD@BNLND2.DNE.BNL.GOV"
SMTP%"MCLANE@BNLND2.DNE.BNL.GOV"
SMTP%"TUBBS@NEA.FR"

SMTP%"KONIECZNY@NEA.FR"
SMTP%"MANOKHIN@CJD.OBNINSK.SU"
SMTP%"OLGA@CJD.OBNINSK.SU"

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SMTP%"SCHERBAU@RIPO1.IAEA.OR.AT"
ARCILLA
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PASHCHENKO
SCHWERER
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