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   (PI0).   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,PI0) (if the specified monitor reaction is correct).

Distribution:

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