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Memo CP-C/211

DATE: September 28, 1995
TO: Distribution
FROM: V.McLane
SUBJECT: Particle designator codes in Dictionary 36.

This is a followup to Memo CP-C/201 to finalize the proposal for removing explicit particle codes from Dictionary 36, as per action item 6 from 1995 NRDC Meeting.

We propose that all explicit particle codes be removed from Dictionary 36. The following particle designator inclusion codes would be added in their place.

Code	Allowed particles
-	All codes from Dictionary 33 and those from dictionary 27 which have a "3" or a "Z" in column 15.
*	Fission fragment codes only, <i>i.e.</i> , FF, LF, HF.

If no particle designator inclusion code is given in the quantity string, a particle designator field is not allowed.

cc. Arcilla
Lammer
Lummel
Obloziusky
Pashchenko
Schworer
Wienke

EXFOR Systems Manual

In order to keep the size of the dictionary to a minimum, specific particles are not included in the REACTION SF7 (particle designator). Instead, this field contains a code indicating that a particle designator (or designators) is legal for this quantity.

Code	Allowed particles
-	All codes from Dictionary 33, and nuclides from Dictionary 27 which have a "3" or a "Z" in column 15.
*	Fission fragment particle codes only, <i>i.e.</i> , FF, LF, HF.

If no particle designator inclusion code is given in the quantity string, a particle designator field is not allowed.

If more than one particle designator must be given (*e.g.*, for correlations), the codes are given for each particle, separated by slashes.

Examples: PAR, TTY, -
TER, COR, */*

Comment by Hans: Otto, we must send a reply.

The long size of the dictionary is a smaller problem than a further complication of the dictionary. Cannot be implemented before updated programs are available at all centers for checking and editing.

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