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DATE: April 4, 1989  
TO: Distribution  
FROM: V. McLane *VM*  
SUBJECT: REACTION SF7 (Particle Considered)

For charged particle data (see for example data set R0013) there is a need to allow heavier particles in SF7 (Particle considered).

I therefore propose the attached update to the EXFOR manual, page 8.R.8.

Also required is an update to page 7.16:

Column 15 used for REACTION SF3, REACTION SF4, REACTION SF7, etc.

If this proposal is adopted, data sets R0013, 018-020, R0019.002, 007, 008, 018, 019, R0025.008-010 should be updated accordingly.

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cc. *Goulo  
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**SF7. Particle considered.**

Indicates to which of several outgoing particles the quantity refers.

Contains:

either a particle code(s) from Dictionary 33

or, for particles heavier than alpha, a code in the form Z-S-A-X, see 8.3, (the atomic weight (A) may not have the value zero). Permitted nuclei are indicated in Dictionary 27 by a '3' in column 15.

The particle considered can be omitted if there is no ambiguity. For integral data this subfield is generally not used. (See **LEXFOR Particles.**)

For a quantity describing the correlation between outgoing particles, the particles are entered, separated by a slash.

It should be noted that the particle considered is not necessarily identical with the particle detected if, for example, the angular distribution of an outgoing particle has been deduced from a recoil particle detected.