

**Nuclear Data Section
International Atomic Energy Agency
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Memo CP-D/350

Date: 12 February 2003

To: Distribution

From: O. Schwerer

Subject: Proposed new coding for REACTION SF7 (Particle considered)

Reference: Memo CP-C/315 (31 January 2003)

I agree with the proposal in CP-C/315. However, some additional clarifications and additions (including LEXFOR) will be required, in particular:

When referring to secondary energies:

The correlated particles need to be given also under EN-SEC. In the example of CP-C/315, this would be

EN-SEC (E,A-T)

When referring to angles of secondary particles:

Will this new formalism also apply to the existing data on angular correlations and/or correlated particle pairs (as given in LEXFOR under "Correlations")? Even if the answer is negative, LEXFOR should explain where this new formalism is to be used, and where it isn't. This update should go together with the clarification requested earlier for the definitions and coding rules for angular correlations (pending Action A32 of the 2002 NRDC Meeting), i.e. definition of angular correlation vs. angular distribution of correlated particle pairs, units to be used, number of angles to be given).

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