

DAI/324-0

MEMO CP-C/30

Date: January 26, 1978
From: V. McLane *Mc* Brookhaven Nat. Lab, USA
Subject: Reaction Products (REACTION SF4)

Fission (Re: Memos CP-B/13 and CP-D/50)

Since we have already coded and transmitted many entries on fission and have not used FF in SF4 and agree with NDS that it is not necessary, we do not agree that FF should be made mandatory.

Since we have already corrected this on the KACHAFAG file for entry into our library, we volunteer to transmit the corrected entries to KACHAFAG.

Resonance Parameter

It seems to us that the reaction product is not meaningful for resonance parameters. What would be useful for retrieval purposes would be to code the compound nucleus in SF4. We propose that this change be adopted. Meanwhile, we are leaving SF4 blank in our present coding.

Natural isotopic mixture (A=0) (Reference CP-D/40)

Natural isotopic mixtures must be allowed in SF4, for example, for elastic scattering on a natural target.

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- 1h
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