

**Nuclear Data Section
International Atomic Energy Agency
P.O.Box 100, A-1400 Vienna, Austria**

Memo CP-D/417

Date: 10 December 2004
To: Distribution
From: O. Schwerer

**Subject: Proposed code IPE for SF8 (Dictionary 34)
(Reply to Memo CP-E/060)**

I have reservations against introducing the code IPE for "integrated over partial energy range". Though I can see the analogy with the existing code IPA for "integrated over partial angular range", the treatment of energies and angles in EXFOR is (mainly for historical reasons) not completely symmetrical. Data integrated over a partial energy range have always been coded with PAR in SF5, without DE in SF6, and without an additional code in SF8. The reason why IPA was introduced for partial angular ranges was precisely that no equivalent to PAR in SF5 exists, or in other words, because we reserved the expression "partial" to refer to energies only.

I know it is arguable that for partial angular ranges we have DA in SF6, whereas for partial energy ranges we do not have DE. But the main point, in my opinion, is to remain consistent with existing codes and coding rules. Therefore I think that the quantities mentioned in CP-E/060 should be coded as

PAR, PY, DA, , TT and
PAR, PY, , TT

Distribution:

oblozinsky@bnl.gov
vml@bnl.gov
drochman@bnl.gov
nordborg@nea.fr
manokhin@ippe.obninsk.ru
maev@ippe.obninsk.ru
may@obninsk.ru
Mmarina@ippe.obninsk.rug
blokhin@ippe.obninsk.ru
feliks@polyn.kiae.su
chukreev@polyn.kiae.su
S.Dunaeva@iaea.org
taova@expd.vniief.ru
varlamov@depni.sinp.msu.ru

chiba@earth.sgu.ac.jp
kato@nucl.sci.hokudai.ac.jp
ohnishi@nucl.sci.hokudai.ac.jp
oba@nrdf.meme.hokudai.ac.jp
yxzhuang@iris.ciae.ac.cn
gezg@iris.ciae.ac.cn
hongwei@iris.ciae.ac.cn
tarkanyi@atomki.hu
stakacs@atomki.hu
katakura@ndc.tokai.jaeri.go.jp
hasegawa@ndc.tokai.jaeri.go.jp
vlasov@kinr.kiev.ua
kaltchenko@kinr.kiev.ua
ogritzay@kinr.kiev.ua

jhchang@kaeri.re.kr
ohtsuka@nucl.sci.hokudai.ac.jp
m.wirtz@iaea.org
m.lammer@iaea.org
v.pronyaev@iaea.org
schwerer@iaeand.iaea.org
v.zerkin@iaea.org
henriksson@nea.fr
exfor@nea.fr