

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

Memo CP-D/379

Date: 16 January 2004
To: Distribution
From: O. Schwerer

Subject: He-3 as incident particle (REACTION SF2)

As incident particle, He-3 must be coded with its particle code HE3 rather than with the nuclide code 2-HE-3 (see Manual under REACTION SF2 description and particle dictionary). In most entries this is correct, however there are a few cases where 2-HE-3 is used in SF2, which must be corrected. This mistake was probably not found by the check program because the appropriate flag in the nuclides dictionary 27 was not set properly. NDS retrieved the affected entries and proposes the following actions.

1. The affected (sub)entries are:

32210.002 Will be retransmitted by NDS

A0158.004, 005 and A0365.023 To be retransmitted by CAJAD

R0011, R0015, R0016 (many subentries): NDS volunteers to retransmit these also.

2. NDS will correct the corresponding flag in dictionary 27.

Distribution:

oblozinsky@bnl.gov
vml@bnl.gov
nordborg@nea.fr
kellett@nea.fr
manokhin@ippe.obninsk.ru
maev@ippe.obninsk.ru
may@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
oba@nrdf.meme.hokudai.ac.jp
yxzhuang@iris.ciae.ac.cn
gezg@iris.ciae.ac.cn
hongwei@iris.ciae.ac.cn
cndc@mipsa.ciae.ac.cn
tarkanyi@atomki.hu
stakacs@atomki.hu
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