**Nuclear Data Section**

**International Atomic Energy Agency**

**P.O.Box 100, A-1400 Vienna, Austria**

**Memo CP-D/997**

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**To:** Distribution

**From:** N. Otsuka

**Subject: Dictionary 18 (Facilities) – MESON**

**Reference:** Memo CP-C/97

The facility code MESON (Meson facility) was proposed in Memo CP-C/97 in December 1982 and added in Dictionary 18 in July 1983. It is mainly used for the Los Alamos Meson Physics Facility (LAMPF, ~170 entries) and TRI University Meson Facility (TRIUMF, ~50 entries). The facility code is also used in a few entries from University of Kentucky (2 entries), TUNL (1 entry), PSI (1 entry) and INR Moscow Meson Facility (3 entries). Among them, only one entry (A0749) gives meson induced reaction data.

For LAMPF TRIUMF PSI and INR, there are other entries from these facilities coded with their accelerator types (*i.e.,* LINAC for LAMPF and INR, CYCLO for TRIUMF and PSI). To minimize compiler/article dependence of FACILITY coding, I propose making this facility code obsolete (but without systematic retransmission of the affected entries only for replacement of MESON).

Three entries from University of Kentucky and TUNL (13955, 13956 and C00406) have no relation with a meson facility. The first and second entries are from the Univ. Kentucky 7 MV Van de Graaff accelerator (VDG) and the third one is from the TUNL tandem accelerator (VDGT). The source article of the first entry does not give the facility information explicitly, but the last author (Steven Yates) confirmed it is also from their Van de Graaff.

**Dictionary 18 (Facilities)**

MESON (*Obsolete*)

**Distribution:**

a.koning@iaea.org

abhihere@gmail.com

aloks279@gmail.com

bknayak@barc.gov.in

daniela.foligno@oecd-nea.org

dbrown@bnl.gov

draj@barc.gov.in

fukahori.tokio@jaea.go.jp

ganesan555@gmail.com

gezg@ciae.ac.cn

iwamoto.osamu@jaea.go.jp

j.c.sublet@iaea.org

jmwang@ciae.ac.cn

kaltchenko@kinr.kiev.ua

kenya.suyama@oecd-nea.org

kimura.atsushi04@jaea.go.jp

l.vrapcenjak@iaea.org

manuel.bossant@oecd-nea.org

masaaki@nucl.sci.hokudai.ac.jp

michael.fleming@oecd-nea.org

mmarina@ippe.ru

nicolas.soppera@oecd-nea.org

n.otsuka@iaea.org

nrdc@jcprg.org

odsurenn@gmail.com

ogritzay@ukr.net

ogrudzevich@ippe.ru

otto.schwerer@aon.at

pikulina@expd.vniief.ru

pritychenko@bnl.gov

s.okumura@iaea.org

samaev@obninsk.ru

sbabykina@yandex.ru

scyang@kaeri.re.kr

selyankina@expd.vniief.ru

sonzogni@bnl.gov

stakacs@atomki.mta.hu

stanislav.hlavac@savba.sk

sv.dunaeva@gmail.com

tada@nucl.sci.hokudai.ac.jp

taova@expd.vniief.ru

tarkanyi@atomki.hu

vvvarlamov@gmail.com

v.zerkin@iaea.org

vidyathakur@yahoo.co.in

vsemkova@inrne.bas.bg

yolee@kaeri.re.kr

zholdybayev@inp.kz