**Nuclear Data Section**

**International Atomic Energy Agency**

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

**Memo CP-D/1097**

**Date:** 21 November 2023

**To:** Distribution

**From:** V. Devi, N. Otsuka

**Subject: Dictionary 24 (Data heading) – ANG-APRX**

In EXFOR D1004 and D1042, authors report the average of cross sections measured at several angles.

*Example* (D1042.003): 9Be(8Li,7Li)10Be double differential cross sections from measurements at nine angles plotted on Fig.6 of O.C.B. Santos et al., Eur. Phys. J. A **59** (2023) 48.

 

Recalling repetition of a heading for unresolved secondary energies, one might think to compile the dataset in the above figure with repetition of the heading ANG:

COMMON

ANG ANG ANG ANG ANG ANG

ANG ANG ANG

ADEG ADEG ADEG ADEG ADEG ADEG

ADEG ADEG ADEG

 14.7 15.7 17.0 18.1 19.1 20.1

 22.3 24.3 26.3

ENDCOMMON

though appearance of multiple angles does not express poor resolution of detection angle. We rather propose use of a new heading ANG-APRX, and explain its under the keyword ANG-SEC:

ANG-SEC (ANG-APRX,3-LI-7) Averaged over nine angles 14.7,15.7,

 17.0, 18.1, 19.1, 20.1, 22.3, 24.3 and 26.3 degree.

…

ENDBIB 4 0

COMMON 1 3

ANG-APRX

ADEG

 20.

ENDCOMMON 3 0

**Dictionary 24 (Data heading)**

ANG-APRX Approximate value of angle in laboratory system

**Distribution:**

a.koning@iaea.org

aloks279@gmail.com

daniela.foligno@oecd-nea.org

dbrown@bnl.gov

dgremyachkin@ippe.ru

draj@barc.gov.in

exfor@oecd-nea.org

fukahori.tokio@jaea.go.jp

ganesan555@gmail.com

gezg@ciae.ac.cn

iwamoto.osamu@jaea.go.jp

jmwang@ciae.ac.cn

julia.sprenger@oecd-nea.org

kaltchen@ukr.net

kimdh@kaeri.re.kr

kimura.atsushi04@jaea.go.jp

l.vrapcenjak@iaea.org

manuel.bossant@oecd-nea.org

marina-03-08@yandex.ru

michael.fleming@oecd-nea.org

mvmikhaylyukova@ippe.ru

nicolas.soppera@oecd-nea.org

nomura@nucl.sci.hokudai.ac.jp

n.otsuka@iaea.org

nrdc@jcprg.org

nshu@ciae.ac.cn

odsurenn@gmail.com

ogritzay@ukr.net

otto.schwerer@aon.at

pikulina@expd.vniief.ru

pritychenko@bnl.gov

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

v.devi@iaea.org

v.zerkin@gmail.com

vidyathakur@yahoo.co.in

vsemkova@inrne.bas.bg

vvvarlamov@gmail.com

yolee@kaeri.re.kr

zholdybayev@inp.kz