

Units N/PART/SR etc. for dictionary 25

For product yields (or thick target product yields), new units had been proposed tot the 2000 NRDC meeting which were not approved; see **Action A42** of last year's meeting.

Note also that in the file there are data in units NUC/PART coded as TTY, although TTY should have units MUCI/MUA or equivalent. Data in NUC/PART or other units of type YLD must be coded as ,PY,,TT (Product yield for thick target).

If units PART/PROJ or "Nucleus for Incident Projectile" are to be used also in place of G/PART and "Neutrons/Particle", will we need to distinguish between yields for the product (SF4) and for (e.g. gamma) particles coded in SF3?

CP-A/109 (14 Feb. 2001)

CP-A/99, p.7 (3 April 2000)

New proposal (NNDC + NDS, 21 May):

Introduce new units using **PRD** for any product (particle or nucleus) and **INC** for the incident particle, to be abbreviated further when necessary. Old units can remain in the file until automatic conversion.

PRD/INC	Product part. per incid.part.
PRD/INC/SR	Prod.part.per incid.part. per SR
PRD/100INC	Prod.part. per 100 incid. part.
PRD/IN/MEV	Prod.part.per incid.part.per MeV
P/IN/SRMEV	Prod.part.per inc.part.per Mev per SR

MEMO CP-A/109

14 Feb 2001

To: **Distribution**
From: **F.E. Chukreev, S.Babykina**
Subject: **Additions to Dictionary 25**

Add to dictionary 25

Vicki McLane proposed to use for O0714018-020 and O0714026-030 data unit:

N/PART/SR = nuclei/inc.proj/Sr

instead of P/PART/SR, which was not approved by the last NRDC meeting.

But N/PART/SR is absent in Dictionary 25 now. Therefore the new data unit must be included in Dictionary 25.

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MEMO CP-A/99

Date: 03-April-2000
To: **Distribution**
From: F.E. Chukreev, S.Babykina
Subject: **Dictionary updates**

1.

2. Add to dictionary 25.

P/PT/MEVSR (Product nuclei per Inc.Proj. per SR per MEV)

P/PART/SR (Product nuclei per Inc.Proj. per SR)

P/PART/MEV (Product nuclei per Inc.Proj. per Mev)

The codes are similar N/PT/MEVSR etc in 25 Dictionary.

In order to eliminate Dictionary increasing is possible to change the comments for existing

N/PT/MEVSR to “Nucleus per Incident Projectile per Sr per MeV”

N/PART/MEV to “Nucleus per Incident Projectile per MeV”,

N/PART to “Nucleus per Incident Projectile”

and add

N/PART/SR “Nucleus per Incident Projectile per Steradian”

Your opinion is interest, of course.

3. Add to dictionary 36

EM,TTY/DA/DE (Differential emission thick target yield with
Respect to the angle and energy of the outgoing particle)

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