MEMO CP-A/155

To: **Distribution**
From: **F.E. Chukreev**
Subject**: 1. moving off code from Dictionary 25**
        2. A little remark for CP-C/334

        1. Otto Schwerer wrote in his remarks for PRELIM TRANS
O017:

**"2) O0847, subentries 2-4: Apparently this is a new type of thick
target yield, with units Ci/Ahr/MeV (= muC/muAhr/MeV) WITHOUT having
a secondary energy. (So far, quite generally, all units "per MeV"
refer to a quantity which is in some way differential by energy)."**

        Otto is right. As I remember now, I saw the paper, where gamma-
rays spectra were investigated and results were presented
quantum/coulomb/MeV. (Sorry, but I do not remember REFERENCE).
        Therefore, to exclude possible ambiguity, the code CI/AHR/MEV
must be moved off.
        We will delete ENTRY O0847 from TRANS O017 until suitable
decision for the paper and another papers of Milan group will be
found.

        2. A little remark for CP-C/334.
        The MEMO contains a proposal for Thin-Target Yield:
<u>*Thin-target yields*</u>: *yield of an outgoing particle (or radiation) measured on a target
whose thickness is such that the incident beam is less significantly degraded in
energy. The incident energy range must be given in the data table under the filed
headings* **EN-MIN** *and* **EN-MAX.**

        As I see the proposal is not enough. I would like to mention,
as an example, the paper NIM/B,170,299,2000, where neutron yield was
investigated from thin targets, but target thickness is given in cm,
and final energy of beam particle is unknown.
The incident energy range must be given in the data table under the
filed headings EN and THICKNESS, probably.

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