

Centr po Jadernym Dannym - CJD

Institute of Physics and Power
Engineering

Nuclear Data Centre, Obninsk,
Russia

249020 Obninsk, Kaluga region
Russia

DATE : 30 JuNE, 1998

To: Distribution

From: S. Mayev

Subject: New REACTION Quantity codes for Diction 36.

In reply to Action 60, 61 of AGM meeting 11-15 May 1998 and MEMO
4C-4/57: to introduce some new reaction quantities in connection
to ENTRY 40420

Proposed to add to Dictionary 36 codes.

Diction 36:

1. PR,NU,FF - number of emitted prompt neutrons by a fission
fragment of definite mass and/or charge
(Unchanged from Memo 4C-4/57. Still not added
to Dict. 36)

REFERENCE: ENTRY 40420.

- 1a. PR/PAR,NU,FF - number of emitted prompt neutrons by a fission
fragment of definite mass AND ENERGY! Analogous to
PRE,FY/DE
for fiss.fragments, see item 2. Seemingly more adequate
PR,NU/DE,FF
were not valid because in this case DE - and 'E' as
independent variable in DATA section - both refer to
neutrons and NOT to fission fragments as in the ENTRY.
Additional information in EN-SEC keyword is necessary.

REFERENCE: ENTRY 40420.
(Additionally to Memo 4C-4/57)

2. PRE,FY/DE - energy distribution of fission fragments depen-
ding on their mass and/or charge.
(Slightly changed in comparison to Memo 4C-4/57.
Already present in Dict.36)

REFERENCE: ENTRY 40420, 40194

In the case of agreement corresponding CP Memo can be distributed
by NDS.

Stanislav Maev

Clearance: Vassily N. Manokhin.

Distribution:

V.McLane
M.Kellett

M.Lammer
C.Nordborg

O.Schwerer
C.Dunford