From: H. Liskien 𝓛·
        H. Potters
        A. Schett

Subject: 4-C-Memos 3/23-25
            (4-C-Memos 3/21-22 will be answered by N. Tubbs
            on his return from holiday)

12th August 1970

Dictionary 14

We would like to have added

ND/CS,,GND	B	PARTL.(N,D)CS.WITH FINAL NUCLEUS IN ITS GROUND-STATE AFTER PROMPT GAMMA-DEEXCITATION
ND/CS,,MS	B	PARTL.(N,D)CS.WITH FINAL NUCLEUS IN ITS METASTABLE STATE AFTER PROMPT GAMMA-DEEXCITATION

The definitions for the corresponding NP,NA,N2N,INL entries should be
changed accordingly, but not for NG.

(Reason: NP/CS,,GND   B   PARTL.(N,P)CS.TO GROUND-STATE
can be interpreted as that part of the reaction with proton emission directly
to the ground-state, which should be coded NP/CS,,PAR.   The same argument
holds for all other cases.   Only the code INL/CS,,GND would give already
a warning due to "inelastic" and "ground-state".   Can NNCSC give an
example of a publication where such measurements are reported?).

We would like to have changed

        EL/CS,POL   to   EL,POL

(Reason: The polarisation will be given, and there is no obvious need to
have the code CS).

Dictionary 3

We would like to have added

        2GERPTB   (PHYS. TECHN. BUNDESANST., BRAUNSCHWEIG)
        2FR BIP   (BUREAU INTERN. DE POIDS ET MES., SEVRES)

And to have changed

    2FR SAC   (CEN SACLAY, SEINE-ET-OISE)   to
    2FR SAC   (CEN SACLAY, ESSONNE)

Dictionary 8

The text in X4-1 page D.8.1 has not been changed in agreement with 4-C-Memo Nr. 2/5. We would like "compound-nucleus" to be changed to "isotope in question".

(Reason: The SCO for example of Co^{60} can be derived from the isomeric cross-section of $Co^{59}(n,\gamma)Co^{60}$, $Ni^{60}(n,p)Co^{60}$ or $Cu^{63}(n,\alpha)Co^{60}$ and will, of course, have the same expectation value. It therefore does not make sense to compile this under $Co^{59}, Ni^{60}, Cu^{63}, Ni^{61}$ or Cu^{64}. The only sensible code is

$$(28-CO-60, SCO)$$

The same argument is valid for LDP, and TEMP. If we do not accept this rule it will not be clear if the information refers to a compound nucleus or the residual nucleus).

Dictionary 5

We would like to change the expansion for ZN to

    ZN   (Z. NATURFORSCH.) ZEITSCHRIFT FUER NATURFORSCHUNG, VOL. 1 (1946)

and to add

    ZN/A (Z. NATURFORSCH. A) ZEITSCHRIFT FUER NATURFORSCHUNG SECTION A FROM VOL. 2 (1947)

    ZN/B (Z. NATURFORSCH. B) ZEITSCHRIFT FUER NATURFORSCHUNG SECTION B FROM VOL. 2 (1947)

Dictionary 10/11 (ARE)

We agree to the NDS proposal. See also 4-C-Memo 2/12.

X4-2, functions and variables

We agree to changes 1 to 4 proposed in 4-C-Memo 3/25.

EXFOR Tapes

We have received TRANS 1002 and would like to congratulate NNCSC on having produced the first routine EXFOR tape. We have noticed the following minor errors :

(a)   The TRANS record appears three times at the beginning;

(b)   The keyword STANDARD in record 1002400100018 should be deleted;

(c)   523 records after 1000599999999 are duplicates;

(d)   Surely the BIB-parts of 10009002 and 10009003 should be interchanged ?
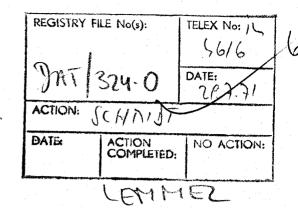
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4C memos -
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REGISTRY FILE No(s):		TELEX No: 1L
DAT/324·0		5616 6
		DATE: 28.7.71
ACTION: SCHMIDT		
DATE:	ACTION COMPLETED:	NO ACTION:

12645a atom a
cecodon 69920f

for the attention of dr. j.j. schmidt

concerning memo 4c-2/11, please see memo 4c-2/12,
paragraph 5.

regards, horst liskien

12645a atom a
cecodon 69920ft

LEMMEZ
ATTREE
REG NDS