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Memo CP-C/266

DATE: April 3, 2000
TO: Distribution
FROM: V. McLane
SUBJECT: CINDA 2001 Format

As a result of comments by Mark Kellett and Otto Schwerer and of discussions on future plans for our CSISRS (EXFOR) database, I propose the following change to the CINDA 2001 format.

The quantity field for CINDA will be taken from the DANIEL Dictionary 13 (Reaction Type). Reaction type is a 4-character code. The existing dictionary will be looked at and modified to suit our future needs. (At present there are 86 entries in the dictionary).

Attached is an updated format proposal.

Distribution:

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CINDA2000 Exchange Format

The quantity field is shortened to 4 characters. I have added the 5 characters to the comment field (this is arbitrary, can be longer or shorter).

The fields are as follows.

Columns	Contents	Formats	Example
1	Operation code	A1	As in CINDA
2-8	Z,A	2I3	ZZZAAA
9-23	Reaction	A15	Generally, EXFOR REACTION SF2-SF4
24-27	Quantity	A4	From DANIEL Dictionary 13.
28-33	Laboratory	A6	EXFOR code without area code
34-37	Block #	A1,I3	Area code, followed by center assigned block #
38-39	Sequence #	I2	Sequence within block
40	Work type	A1	As in CINDA ¹
41	Reader code	A1	At discretion of center (blanks allowed) ²
42-55	Energy range	2(E7.1)	Min + max in format: +n.n+ee
56	Hierarchy code	I1	Hierarchy for references
57-85	Reference	A23,I6	Type: as in CINDA (A1), Reference code: as in EXFOR (A22), Date: year and month (YYYYMM)
86-125	Comment	A40	As in CINDA

¹ With the exception that the mixed mode codes will be eliminated. For example, entries for theoretical calculations will be separated from experimental data.

² That is, centers may choose not to use a reader code.