

CINDA READER'S MANUAL	II.11.1
11: AUTHOR NAME AND COMMENTS	May 1997

11 - AUTHOR NAME AND COMMENTS

Format

Columns 45-80 Author name terminated by a full stop '.' (single author or a plus sign '+' (multiple authors)

Author names are not required for data index lines (hierarchy 6, numeric reference type).

If no author exists for any other line, enter '.' in column 45

The author name (if any) is followed by additional, abbreviated information about the work

Author flag

A non blank author flag is generated for every line with hierarchy other than 6, where the author delimiter appears in column 46-80.

Character set

Comments may only contain the following characters :

Upper case alphabetic A to Z

Numeric 0 to 9

Blank

Special characters + - .) (* / = ' , % < > : ; ! ? &

Transliteration of the Russian Alphabet

The following conventional transliterations have been adopted for CINDA. These conversions are similar to the ISO-scheme, but with some modifications for a computer character set :

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Comments

Because of the limited space for free form comments only one or two important features of the work can be clearly indicated. The comment should not be considered as an 'abstract'. However, some important information supplementing the coded information must be given where appropriate, immediately after the author's name:

For the information derived from inverse reactions: INV or INVERSE;

Chemical compounds as targets: enter the formula or a more exact name;

The product nuclide, if the reaction quantity is 'NX'='nuclide production';

Further information on the reference (e.g.: ABST ONLY), especially if the information in coded form would exceed the reference field (e.g.: page No. or paper No. for reports).

Guide to recommended abbreviations

1. The status of the work

TBD	To be done
TBC	To be completed
TBP	To be published
ABST	Abstract
FP (ref code)	Submitted for publication in that form

2. The form of data given

NDG	No data given
GRPH(S)	Graph(s)
TBL	Table
CURV	Curve
PRELIM	Preliminary data
SUPSDD	Superseded

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3. Experimental Method

LINAC	Electron linear accelerator
VDG	Van der graaff
REAC	Reactor
PILE OSC	Pile oscillator
C-W	Cockcroft-Walton
SCIN	Scintillator
SPEC(T)	Spectrometer
HASS-SPEC	Mass spectrometer
CRYSTSPEC	Crystal spectrometer
M-R DET	Moxon-Rae detector
GELI	Germanium (lithium drifted) detector
TOF	Time-of-flight
TRANS	Transmission
SCAT	Scattering
ACT	Activation

4. Theoretical treatment

ANAL(YS)	Analysis
CALC	Calculation
C-C	Coupled Channel
H-F	Hauser-Feshbach
K-N	Krieger-Nelkin
P-B	Perey-Buck
P-T	Porter-Thomas
STRUT	Strutinsky
OPTMDL	Optical model
STATHDL	Statistical model
COMPNUC	Compound nucleus
RESIDNUC	Residual nucleus
TH(EO)	Theory, theoretical

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5. Further specification of reaction quantity

The coded quantity specifications in CINDA are broad, and frequently further specification is useful in the comment field. A list of some recommended abbreviations is given below.

General

EN	Neutron energy
EG	Gamma ray energy
ELAS	Elastic
INEL	Inelastic
SIG	Cross section, sigma (do not use 'CS')
ABSOL	Absolute
REL TO	Relative to
CFD	Compared with

Particle emission

ANG	Angle
ANGDIST	Angular distribution
ISOTR	Isotropic
LEG COEF	Legendre coefficients
E'	Secondary energy
A, ALF	Alpha (particle)
D	Deuteron
N	Neutron
P	Proton
G, GAM	Gamma (ray)

Final state

EXCIT	Excitation
LVL	Level
META	Metastable
GND	Ground State
ISOM	Isomeric State
T1/2, HL	Half-life

Resonance parameters

RESPARS	Resonance parameters
J	Spin
L	Orbital angular momentum
WT(OT)	Total width
WN	Neutron width
WG	Gamma width
WF	Fission width
WA(LF)	Alpha width

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Comments for superseded references and translations

The block structure in CINDA is intended to show which references refer to the same work, and through the comments, some indications of the status of each reference. When older references are added to an existing block, or old entries are revised the following guidelines should be followed .

1. Repetitions of the same author name are omitted in the CINDA printing process, so the author may be replaced by a stop ' . ' in column 45 when it is the same as all other entries in the block.
2. The comment may be modified to show the relation of the publication to a more recent publication in the block, e.g.

- SUPERSEDED (BY_ _ _ _)
- SAME DATA (AS _ _ _ _)
- DATA RENORMALISED (IN _ _ _ _)

The more recent publication should be identified if any ambiguity could exist between more recent publications in the same block.

Translations should specify the language of the publication and identify the original e.g.

ENGLISH TRANSL OF AE 20 8 1/66

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Comments for Data Index Lines

These comments are usually prepared at the CINDA Centres, and may be generated by computer analysis of the numerical data file concerned. These comments should include the exact quantity or quantities measured, if the EXFOR or UK format quantity is narrower than the CINDA quantity under which it is indexed.

The total number of data points in the data set(s) corresponding to that CINDA block should be given if possible.

Where a 'null' EXFOR entry is made (type 'O') for data not available, the standard comment should make clear whether or not data is expected to be available in the future. Where it is used for superseded EXFOR entries, this should be stated together with the comment 'by EXFOR...'. if applicable.