Memo 4C-3/334

19 May 1989

To: Distribution

From: H.D. Lemmel and M. Seits

Subject: CINDA publication 1990 and onwards

1. NDS has a CINDA output format which is produced on the laser printer and which simulates the book format that was produced on a phototypesetting machine (which will no longer be available to us). This format will now be used for individual CINDA retrievals for customers upon request.

2. The same format can be used for a "current awareness" publication of CINDA. NDS considers publishing in this way a CINDA issue as an INDC report twice a year. It would have a similar appearance as the previous supplement books, but reduced contents. It would

- include entries newly added to the CINDA file;
- not include modifications to existing entries;
- include only single lines without the related blocks;
- include new data index lines blocked together with the main reference.

This way we estimate less than 300 pages per year in A4 format. To be able to retrieve "newly added" entries, our CINDA file has now two date-fields, one for the date of entry, the other for the date of the last modification.

p.t.o.

Clearance: J.J. Schmidt

Distribution:

1. Sol Pearlstein, NNDC
2. N. Tubbs, NEA-DB
4. V.N. Manokhin, CJD

cc. H. Goldstein, USA

NDS: V. Goulo
M. Lammer
H.D. Lemmel
M. de Moraes Cunha
K. Okamoto
V. Osorio
J.J. Schmidt
O. Schwerer
M. Seits
Wang Dahai

3 spare copies

3067N

3. The introduction would advertise the availability of individual CINDA retrievals upon request and also the direct access to the CINDA file through computer networks, giving the addresses of the four CINDA centers.

4. Distribution would be costfree to a limited number of scientists.

5. Question to NNDC, NEA-DB and CJD: Would you like to receive copies of such a CINDA issue? How many? We would appreciate your early reply to be able to estimate the required number of copies and the resulting budget needs. Would you prefer a bulk shipment for further distribution to your customers? Or should NDS make the individual distrubution in all 4 areas?

In addition to the "current awareness" issues of CINDA we continue to investigate the possibilities for a complete archival issue of CINDA in 1990.

International Atomic Energy Agency

INDC(NDS)-...

INDC INTERNATIONAL NUCLEAR DATA COMMITTEE

CINDA 90

THE INDEX TO LITERATURE AND COMPUTER FILES ON MICROSCOPIC NEUTRON DATA

Current awareness issue

for literature abstracted between May 1989 and May 1990

IAEA NUCLEAR DATA SECTION, WAGRAMERSTRASSE 5, A-1400 VIENNA

22 Titanium 47

Quantity	Energy (EV) Min	Max	Lab	Type	Documentation Ref	Vol	Page	Date	Author, Comments
(n,p)	Thrsh	2.0+7	BUC	Theo	Conf 85Santa Fe	2	1213	May 85	Ivascu+.IMPROVED PREEQUIL CALC.NDG
					Conf 86Dubrovnk		71	May 86	Avrigeanu+ MDLS:ISOTOPE DEPEND,GRPH
					Jour RE	95	207	Mar 86	Ivascu+.IDENTICAL TO 85SANTA FE

22 Titanium 48

Quantity	Energy (EV) Min	Max	Lab	Type	Documentation Ref	Vol	Page	Date	Author, Comments
(n,p)	5.5+6	2.0+7	BUC	Theo	Conf 85Santa Fe	2	1213	May 85	Ivascu+.PREEQUIL CALC.GRPH CFD EXPTS
	Thrsh	2.0+7			Conf 86Dubrovnk		71	May 86	Avrigeanu+ MDLS:ISOTOPE DEPEND,GRPH
	5.5+6	2.0+7			Jour RE	95	207	Mar 86	Ivascu+.IDENTICAL TO 85SANTA FE

22 Titanium 49

Quantity	Energy (EV) Min	Max	Lab	Type	Documentation Ref	Vol	Page	Date	Author, Comments
(n,p)	Thrsh	2.0+7	BUC	Theo	Conf 85Santa Fe	2	1213	May 85	Ivascu+.IMPROVED PREEQUIL CALC.NDG
					Conf 86Dubrovnk		71	May 86	Avrigeanu+ MDLS:ISOTOPE DEPEND,GRPH
					Jour RE	95	207	Mar 86	Ivascu+.IDENTICAL TO 85SANTA FE

22 Titanium 50

Quantity	Energy (EV) Min	Max	Lab	Type	Documentation Ref	Vol	Page	Date	Author, Comments
(n,p)	Thrsh	2.0+7	BUC	Theo	Conf 85Santa Fe	2	1213	May 85	Ivascu+.IMPROVED PREEQUIL CALC.NDG
	8.0+6	2.0+7			Conf 86Dubrovnk		71	May 86	Avrigeanu+ MDLS:ISOTOPE DEPEND,GRPH
	Thrsh	2.0+7			Jour RE	95	207	Mar 86	Ivascu+.IDENTICAL TO 85SANTA FE

24 Chromium

Quantity	Energy (EV) Min	Max	Lab	Type	Documentation Ref	Vol	Page	Date	Author, Comments
(n,p)	1.5+7		IPH	Expt	Conf 86Dubrovnk		300	May 86	Hoang Dac Luc+.NATURAL CR+ISOTPS,NDG

24 Chromium 52

Quantity	Energy (EV) Min	Max	Lab	Type	Documentation Ref	Vol	Page	Date	Author, Comments
Inelast g	1.5+7		SLO	Expt	Rept INDC(CSR)-11			Jan 87	Hlavac+ SIG + LEG-COEFF
	1.5+7				Conf 86Dubrovnk		288	May 86	- + SIG + LEG-COEFF
	1.5+7				Data EXFOR30822.003			Jul 87	10 PTS LEG-COEFF FOR G-PROD
Nonelast g	1.5+7				Data EXFOR30822.005			Jul 87	10 PTS,PARTL SIG,DERIVED
			SLO	Expt	Rept INDC(CSR)-11			Jan 87	Hlavac+ ANGDIST,TBL+GRPHS
	1.5+7				Conf 86Dubrovnk		288	May 86	- + G-PROD SIG+ANGDIST,TBL+GRPHS
(n,2n)	1.5+7				Data EXFOR30822.002			Jul 87	50 PTS. G-PROD, ANGDIST
			SLO	Expt	Rept INDC(CSR)-11			Jan 87	Hlavac+ SIG + LEG-COEFF OF G-RAYS
	1.5+7				Conf 86Dubrovnk		288	May 86	- + SIG + LEG-COEFF OF G-RAYS
	1.5+7				Data EXFOR30822.004			Jul 87	2 PTS LEG-COEFF FOR G-PROD
					Data EXFOR30822.006			Jul 87	2 PTS,PARTL SIG FOR G-PROD

26 Iron 56

Quantity	Energy (EV) Min	Max	Lab	Type	Documentation Ref	Vol	Page	Date	Author, Comments
Spec (n,g)	1.4+7		SLO	Theo	Conf 86Dubrovnk		74	May 86	Oblozinsky. PREEQUIL GAMS,SPEC,GRPH

Reference Codes

Abbreviations for Books, Conference Proceedings, Journals, Reports, and Data Libraries which are entered in the "Documentation" field of CINDA in the "Ref" column of this retrieval.

ADP	Annalen der Physik	German D.R.
AE	Atomnaja Energija (transl. = SJA, EAF, partially JNE)	USSR
AERE-	AERE-Harwell report series	UK
AIP	Advances in Physics (suppl. to Phil. mag.)	UK
AJ	Astrophysical Journal	USA
AKE	Atomkernenergie/Kerntechnik:from Vol.33(1979) to Vol.49 (1986). Before and afterwards called 'Kerntechnik'(KT).	Germany, F.R.
ANE	Annals of Nucl. Energy. Vol.1 is called: 'Annals of Nucl. Science and Engineering'	UK
ANL-	Argonne Natn'l Laboratory, report series	USA
ANS	Trans. Amer. Nucl. Soc.	USA
ARI	International J. of Radiation Applications and Instrumentation, Part A: Applied Radiation and Isotopes (starting with vol. 37 in 1986). Note: up to vol. 36 (1985) the title was 'Internat. J. of Applied Radiation and Isotopes'	UK
ASL	Acta Physica Slovaca	Czechoslov.
BAP	Bull. Am. Phys. Soc.	USA
BARC-	Trombay report series, formerly AEET-	India
BAS	Bull. Acad. Sci. USSR, Phys. ser. (English of IZV)	(USSR)
BJP	Bulgarian J. of Physics	Bulgaria
BLG-	Centre d'Etude de l'Energie Nucl., Bruxelles	Belgium
CEA-	Centre d'Etudes Nucleaires, Saclay, report series	France
CJP	Can. J. Phys. (formerly Can. J. of Res., Vol 1-28)	Canada
CNP	Chinese J. of Nuclear Physics (Beijing)	China
CRB	Comptes Rendus de l'Ac. Bulgare des Sciences	Bulgaria
DA/B	Dissertation Abstracts section B	USA
DOE-	U.S. Dept. of Energy, reports	USA
ECN-	Netherlands Energy Research Foundation, reports	Netherlands
EPRI-	Electric Power Res. Inst., Palo Alto, Ca., reports	USA

Lab Codes

Abbreviations for Laboratories and Institutions which are entered in the "Lab" column of the CINDA entries contained in this retrieval.

AEP	Inst. of Atomic Energy, Acad. Sinica, Beijing	China
AI	Atomics International, Canoga Park, Calif.	USA
ALA	U. of Alberta, Edmonton, Alberta	Canada
AML	U. of Melbourne	Australia
ANL	Argonne National Lab., Argonne, Illinois	USA
AUA	A.A.E.C. Research Establ., Lucas Heights, N.S.W.	Australia
AUB	Auburn University, Alabama	USA
BHU	Banaras Hindu Univ, Varanasi	India
BIA	U. of Aston, Birmingham	UK
BIR	U. of Birmingham	UK
BJG	Beijing (Peking) University	China
BLA	Inst. Nucl. Res. and Nucl. En., Bulg. Ac. Sci., Sofia	Bulgaria
BLN	Brooklyn College, New York City	USA
BNL	Brookhaven National Lab., Upton, N.Y.	USA
BNW	Battelle-Northwest, Richland, Wash.	USA
BOC	Ruhr-Universitaet, Bochum	Germany, F.R.
BOL	ENEA Centro Ricerche Energia di Bologna (until 1982: CNEN)	Italy
BOR	U. of Bordeaux, Talence (Gironde) and CEA Bordeaux	France
BRC	CEN Bruyere le Chatel	France
BUC	Inst. de Fizica si Inginerie Nucleara, Bucharest	Romania
CAB	Centro Atomico Bariloche	Argentina
CAD	CEA C.E.N. Cadarache, St. Paul-lez-Durance	France
CAI	AEE, Cairo	Egypt
CRC	A.E.C.L. Chalk River, Ontario	Canada
CTA	Centro Tecnico Aerospacial, Sao Paulo	Brazil
DAC	Dacca University, and Atomic En. Centre, Dacca	Bangladesh
DAV	U. of California, at Davis	USA
DHA	U. of Petroleum and Minerals, Dhahran	Saudi Arabia
DLH	Delhi University	India
DNS	Denison University, Granville, Ohio	USA
DUB	Joint Institute for Nuclear Research, Dubna	USSR
EDG	U. of Edinburgh, Scotland	UK
ELU	Eotvos Lorand Univ., Budapest	Hungary
FEI	Fiziko-Energeticheskij Institut, Obninsk	USSR
FRA	ENEA Frascati	Italy
FRB	Freiburg/Breisgau, Universitaet	Germany, F.R.
FRT	Inst. Fiz.-Tekhn. i Radio-Tekhn. Izmerenij	USSR
FSU	Florida State U., Tallahassee, Florida	USA
FUD	Fudan University, Shanghai	China
GEL	B.C.M.N. Geel, CEC (formerly EURATOM)	Belgium
GHT	U. of Ghent	Belgium
GOE	Goettingen, University	Germany, F.R.
GRA	C.E.N. de Bordeaux-Gradignan, Gradignan	France
GRE	Grenoble (CEA and University)	France
GSI	Gesellschaft f. Schwerionenforschung, Darmstadt	Germany, F.R.
HAR	AERE Harwell, Berkshire	UK
IAE	Intern. Atomic Energy Agency, Vienna	Austria
IBC	Inst. Boliviano de Sciencia y Technol. Nucl., La Paz	Bolivia
IBJ	Inst. Badan Jadr. = Nucl. Res. Inst., Swierk+Warszawa; Since 1983 split into 3 different institutes (e.g. IPJ)	Poland
IFB	Institut Fiziki A.N. Belorusskoj SSR, Minsk	USSR
IFL	Inst. Fiz. A.N. Latvijskoj SSR, Riga	USSR
IFS	Inst. Fuer Strahlenphysik, Stuttgart	Germany, F.R.