



International Atomic Energy Agency

INDC(SEC)-094/UN

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**INDC**

**INTERNATIONAL NUCLEAR DATA COMMITTEE**

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LIST OF DOCUMENTS

RECEIVED BY THE INDC SECRETARIAT

(This list supersedes INDC(SEC)-92/UN)

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

LIST OF DOCUMENTS  
RECEIVED BY THE INDC SECRETARIAT

(This list supersedes INDC(SEC)-92/UN)

International Atomic Energy Agency  
Nuclear Data Section  
Wagramerstrasse 5  
P.O. Box 100  
A-1400 Vienna, Austria

September 1987

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## INTRODUCTION

The Nuclear Data Section of the International Atomic Energy Agency receives documents originated by or for the International Nuclear Data Committee for distribution. This list includes all INDC documents received and distributed by the INDC secretariat during the period January 1984 to March 1986. A list of INDC documents issued earlier can be obtained from the INDC secretariat on request. Reference to earlier INDSWG and "interim" INDC reports received between 1962 and 1967 are listed in report INDC/199 (dated November 1967). This list is produced directly from computer printout in two sorts: one ordered by accession number, and the other ordered by document number within each origin series (e.g. listing all INDC(SEC)-documents in one block).

A limited number of some of the INDC documents are still available and can be ordered from the:

IAEA Nuclear Data Section  
Wagramerstrasse 5  
P.O. Box 100  
A-1400 Vienna, Austria

In addition to the INDC documents received by the INDC Secretariat for distribution, this document also lists the titles of reports received as single copies for information. These documents cannot be obtained from the INDC Secretariat, but should be requested from the originating laboratory or organization. All of the single copy documents, which have been received between March 1986 and August 1987 are listed in Appendix A to this document.

## EXPLANATION TO THE TABLE

### INDC Document Designator

The INDC document designator consists of four parts:

1. The "INDC" prefix letters;
2. The origin designator, that is the code of the Member State or Organization which originated the document, in parenthesis, immediately following the prefix. (A list of currently used origin designator codes is given below).
3. The number of the document, assigned chronologically for each origin series independently (the current number for each series can be obtained from the INDC Secretariat upon request).
4. A letter code, describing the distribution given to the document. (A list of INDC distribution codes is given below).

### Date of Distribution

This date indicates when the document was distributed by the INDC Secretariat.

### Original Document Identification

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### Document Titles, Authors, other Identification Numbers

Full title of the document, author, corporate author, and all other known identification numbers which have been assigned to the document.

### Accession Number

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### Information for Librarians

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The presently used origin designator codes are:

ARG	Argentina
AUL	Australia
AUS	Austria
BAN	Bangladesh
BLG	Belgium
BOL	Bolivia
BUL	Bulgaria
BZL	Brazil
CAN	Canada
CCP	Union of Soviet Socialist Republics
CHL	Chile
COL	Columbia
COS	Costa Rica
CPR	China, People's Republic of
CSR	Czechoslovakia
CUB	Cuba
DEN	Denmark
EAN	European American Nuclear Data Committee (superseded by ENE)
ECU	Ecuador
EGY	Egypt
ENE	Nuclear Energy Agency
EUR	Commission of the European Communities (formerly Euratom)
FR	France
GDR	German Democratic Republic
GER	Germany, Federal Republic of
GRC	Greece
HUN	Hungary
IAE	International Atomic Energy Agency
IND	India
IRN	Iran
IRQ	Iraq
ISL	Israel
ITY	Italy
JAM	Jamaica
JPN	Japan
KEN	Kenya
KOR	Republic of Korea
KDR	Democratic People's Republic of Korea
KUW	Kuwait
LIB	Libya
MEX	Mexico
MOR	Morocco
NDS	Nuclear Data Section
NEA	Nuclear Energy Agency (formerly under ENE)
NED	Netherlands
NIG	Nigeria
NOR	Norway
PAK	Pakistan
PER	Peru
PHI	Philippines
POL	Poland
PRT	Portugal
ROM	Romania
SAF	South African Republic
SEC	INDC Secretariat
SIN	Singapore

SF	Finland
SPN	Spain
SUD	Sudan
SWD	Sweden
SWT	Switzerland
TAI	Thailand
TUK	Turkey
UK	United Kingdom
UNI	international origin
URU	Uruguay
USA	United States of America
VN	Vietnam
YUG	Yugoslavia

## INDC Documents Distribution Categories

INDC documents are presently distributed according to four categories:

G - Distribution code for INDC documents concerning internal Committee matters intended for members of the Committee and other continuing participants only.

The number of INDC/G documents needed for distribution is: 41

L - Distribution code for INDC documents concerning the international effort primarily in the field of nuclear reaction data. This group of recipients includes Committee Members and other continuing participants, INDC Liaison Officers, Local Data Committees and Heads of Data Centres.

The number of INDC/L documents needed for distribution is: 478

N - Distribution code for technical INDC documents concerning the measurement, compilation, evaluation and dissemination of "non-neutron" nuclear data, that is, nuclear reaction (other than neutron) data and nuclear structure and decay data.

The number of INDC/N documents needed for distribution is: 584

U - General distribution code for technical INDC documents concerned primarily with nuclear reaction data. This group of recipients consists of G, L plus additional distribution requested by Member States.

The number of INDC/U documents needed for distribution is: 638

For the complete list of individuals assigned to each of the above distribution codes, please consult the current "INDC Correspondents for the Exchange of Nuclear Data Information", INDC(SEC)-91/UN published April 1986.



Additional distribution codes are assigned by the INDC Secretariat to distribute reports of special interest to a limited number of people interested in specific technical aspects of nuclear data or in atomic and molecular data. The "special interest" distribution codes currently used for the dissemination of some INDC documents, in addition to the G, L, U and N distribution codes are:

- A - Atomic and Molecular Data for Fusion (selected distribution)
- B - Atomic and Molecular Data for Fusion (general distribution)
- E - Nuclear Structure and Decay Data (limited distribution)
- F - Nuclear Data for Fusion
- H - Transactinium isotope nuclear data
- I - Recipients of reports resulting from the Interregional Project on nuclear data techniques and instrumentation
- J - Recipients of reports concerning neutron data evaluation
- M - Nuclear Data for geophysics applications
- P - Fission product nuclear data
- R - Nuclear data for radiation damage and neutron reactor dosimetry
- V - Recipients of reports concerning the generation, testing, and comparison of multigroup cross-section sets
- X - Charged Particle Nuclear Data (limited distribution)
- Z - Nuclear and Atomic Data for Medical Applications

Any one of the above distribution codes can be combined with the basic G, L, N and U codes, so as to be able to address a specific interest audience (e.g. GHJ).

## DISTRIBUTION OF INDC DOCUMENTS

The INDC Secretariat (IAEA Nuclear Data Section) serves as the distribution centre for INDC documents. It is, however, expected that Member States distribute those documents which they originate to the individuals within their own country. Names of individuals to receive each one of the above described distributions, should be provided periodically by the Member States and Organizations to the Scientific Secretary of the INDC (IAEA Nuclear Data Section). It is also requested that a sufficient number of document copies for the appropriate distribution (as indicated above) be provided by the originating state or organization to the INDC Secretariat (IAEA Nuclear Data Section).

The INDC distributions include individuals who are in the NEANDC distribution area. To avoid duplicate distribution of documents, the INDC Secretariat does not distribute in the NEANDC area those INDC documents which originate in the NEANDC area. Originators of INDC documents in the NEANDC area are therefore advised that the number of documents to be sent to the INDC Secretariat for distribution should be based on the reduced, non-NEANDC distributions.

The number of documents needed for the reduced, non-NEANDC distributions are:

reduced G distribution: 20

reduced L distribution: 278

reduced U distribution: 347

reduced N distribution: 260

L I S T 1

Ordered by Accession Number

INDC DOCUMENT DESIGNATOR	DATE OF DISTRIB	ORIGINAL DOCUMENT ID.	DOCUMENT TITLE, AUTHOR, OTHER IDENTIFICATION NUMBERS, ETC.	ACC. NO
INDC(JPN)-085/GL	JAN 85	NEANDC(J)-098/AU JAERI-M-84-052	GRAPHS OF EVALUATED NEUTRON CROSS SECTION IN JENDL-2 BY JAPANESE NUCLEAR DATA COMMITTEE MARCH 1984 (236 PAGES)	1365
INDC(JPN)-086/GL	JAN 85	NEANDC(J)-099/AU JAERI-M-84-103	SUMMARY OF JENDL-2 GENERAL PURPOSE FILE BY TSUNED NAKAGAWA JUNE 1984 (377 PAGES)	1366
INDC(JPN)-092/U	JAN 85	NEANDC(J)-106/U	PROGRESS REPORT (JULY 1983 TO JUNE 1984 INCL.) BY S. KIKUCHI SEPTEMBER 1984 (70 PAGES)	1385
INDC(CCP)-228/GV	JAN 85		CALCULATION OF SELF-SHIELDING FACTORS FOR CROSS-SECTIONS IN THE UNRESOLVED RESONANCE REGION USING THE GRUCON APPLIED PROGRAM PACKAGE TRANSLATED BY THE IAEA NOVEMBER 1984 (29 PAGES)	1390
INDC(CCP)-225/L	JAN 85		TRANSLATIONS OF SELECTED PAPERS PUBLISHED IN NUCLEAR CONSTANTS 11(50) 1983 (TRANSLATED BY THE IAEA) NOVEMBER 1984 (55 PAGES)	1391
INDC(INDS)-162/GM	FEB 85		HIGH RESOLUTION GAMMA-RAY SPECTROSCOPY FOR WELL LOGGING BY K. PRZEWLOCKI, W.R. MILLS AND W.W. GIVENS NOVEMBER 1984 (108 PAGES)	1394
INDC(JPN)-095/L	JAN 85	JAERI-M-84-204 NEANDC(J)-109/U	EVALUATION OF NEUTRON NUCLEAR DATA OF LI-7 FOR JENDL-3 BY K. SHIBATA NOVEMBER 1984 (44 PAGES)	1395
INDC(USA)-093/I	JAN 85	BNL-NCS-34291 DOE/NDC-33/U NEANDC(US)-218/U	REPORTS TO THE DOE NUCLEAR DATA COMMITTEE MAY 1984 (187 PAGES)	1396
INDC(INDS)-163/GA	JAN 85		COORDINATION OF THE ATOMIC AND MOLECULAR DATA CENTRE NETWORK - SUMMARY REPORT OF A CONSULTANTS' MEETING ORGANIZED BY THE IAEA, HELD AT IAEA HEADQUARTERS IN VIENNA, AUSTRIA, 13-15 JUNE 1984 BY A. LORENZ OCTOBER 1984 (20 PAGES)	1397
INDC(JPN)-093/G	JAN 85	JAERI-M-84-192 NEANDC(J)-107/AU	PROGRAM RESEND (VERSION 84-07): A PROGRAM FOR RECONSTRUCTION OF RESONANCE CROSS SECTIONS FROM EVALUATED NUCLEAR DATA IN THE ENDF/B FORMAT (MODIFIED VERSION OF RESEND) BY T. NAKAGAWA OCTOBER 1984 (48 PAGES)	1398
INDC(JPN)-094/G	JAN 85	JAERI-M-84-196 NEANDC(J)-108/AU	EVALUATION OF NEUTRON NUCLEAR DATA OF LI-6 FOR JENDL-3 BY K. SHIBATA NOVEMBER 1984 (59 PAGES)	1399
INDC(JPN)-096/L	FEB 85	JAERI-M-84-226 NEANDC(J)-110/U	EVALUATION OF NEUTRON NUCLEAR DATA OF BE-9 FOR JENDL-3 BY K. SHIBATA DECEMBER 1984 (76 PAGES)	1400
INDC(CCP)-231/L	FEB 85		SURVEY OF THE WORK OF SOVIET SPECIALISTS IN THE FIELD OF NEUTRON NUCLEAR DATA (TRANSLATED BY THE IAEA) BY B.D. KUZ'MINOV JANUARY 1985 (25 PAGES)	1401
INDC(CCP)-233/L	FEB 85		STATISTICAL PROPERTIES OF EXCITED ATOMIC NUCLEI (TRANSLATED BY THE IAEA) BY A.V. IGNATYUK JANUARY 1985 (119 PAGES)	1402
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INDC(INDS)-164/GE	MAR 85		MEASUREMENT AND EVALUATION OF TRANSACTINIUM ISOTOPE NUCLEAR DATA BY A. LORENZ FEBRUARY 1985 (9 PAGES)	1409
INDC(CSR)-006/GI	MAY 85	INT(85)-1	NEUTRON ACTIVATION CROSS SECTIONS FOR CR ISOTOPES AT 14.8 MEV NEUTRON ENERGY BY J. RIBANSKY, T. PANTELEEV AND L. STOEVA COINCIDENT IN-BEAM MEASUREMENTS ON 52-CR BOMBARDED WITH 14.6 NEUTRONS BY P. OBLIZINSKY AND S. HLAVAC APRIL 1985 (25 PAGES)	1410
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INDC(CCP)-235/G	JUN 85		NEUTRON PHYSICS CONFERENCE KIEV, 2-6 OCTOBER 1983 VOLS 1-4 MOSCOW 1984	1412
INDC(CCP)-236/G	JUN 85		NUCLEAR CONSTANTS 4(58) MOSCOW 1984 (RUSSIAN ORIGINAL) (81 PAGES)	1413
INDC(CCP)-237/G	JUN 85		NUCLEAR CONSTANTS 5(59) MOSCOW 1984 (RUSSIAN ORIGINAL) (55 PAGES)	1414
INDC(FR)-059/L	JUN 85	NEANDC(E)-230/L	ON THE TRANSFORMATION OF ANGULAR SCATTERING PROBABILITIES BETWEEN REFERENCE SYSTEMS: SURVEY AND NUMERICAL ANALYSIS BY D. BERSILLON, A. SCHETT AND B. CAPUT OCTOBER 1983 (271 PAGES)	1415
INDC(FR)-062/L	JUN 85	CEA-N-2396 NEANDC(E)-234/L	COMPTE RENDU D'ACTIVITE DU SERVICE DE PHYSIQUE NEUTRONIQUE ET NUCLEAIRE POUR L'ANNE 1983 OCTOBER 1984 (176 PAGES)	1416
INDC(FR)-061/L	JUN 85	NEANDC(E)-231/L	OSIRIS, A RUNGE KUTTA SOLVER OF SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS BY M. COLLIN AND A. SCHETT DECEMBER 1983 (64 PAGES)	1417
INDC(JPN)-099/L	JUN 85	NEANDC(J)-113/U	CHART OF NUCLIDES 1984	1418
INDC(GDR)-027/G	JUN 85	ZFI-45	GRAPHICAL DATA REPRESENTATION FROM ENSDF BY B. LETZ, A. GOERNER, A. HANISCH AND S. QUASDORF SEPTEMBER 1984 (15 PAGES)	1419
INDC(CCP)-240/G	JUN 85		NUCLEAR CONSTANTS 3(57) MOSCOW 1984 (RUSSIAN ORIGINAL) (75 PAGES)	1420
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INDC(JPN)-097/G	JUN 85	JAERI-M-85-024 NEANDC(J)-111/A	ACTIVITIES OF WORKING GROUP ON ATOMIC, MOLECULAR AND NUCLEAR DATA FOR MEDICAL SCIENCE JANUARY 1985 (127 PAGES)	1422
INDC(JPN)-098/G	JUN 85	JAERI-M-85-035 NEANDC(J)-112/A	PROCEEDINGS OF THE 1984 SEMINAR ON NUCLEAR DATA MARCH 1985 (409 PAGES)	1423
INDC(BZL)-016/G1	JUL 85	INT(85)-2	COVARIANCE MATRICES IN EVALUATED NUCLEAR DATA BY R. PAVIOTTI CORCUERA (TRANSLATED BY THE IAEA) (43 PAGES)	1424
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INDC(CSR)-067/G1	JUL 85	INT(85)-4	NEUTRON ACTIVATION CROSS SECTION FOR N1 ISOTOPES AT 14.8 MEV BY I. RIBANSKY, J. KRISTIAK, L. STOEVA AND C. PANTELEEV JULY 1985 (18 PAGES)	1428
INDC(VN)-004/G1	JUL 85	INT(85)-5	ACTIVATION CROSS SECTIONS OF (n,n'p) REACTIONS INDUCED BY 14.8 MEV NEUTRONS ON CR ISOTOPES BY HOANG DAC LUC, PHAN NHU NGOC, NGUYEN VAN DO AND LY BA BACH JULY 1985 (5 PAGES)	1429
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INDC(CCP)-241/G	SEP 85		PHOTONUCLEAR DATA - PHOTODISINTEGRATION OF LITHIUM 1984 (145 PAGES)	1431
INDC(CPR)-002/G	JUL 85		NEUTRON NUCLEAR REACTION THEORY AND APPLICATION (FOUR PAPERS BY CHINESE AUTHORS) MAY 1985 (40 PAGES)	1432
INDC(BZL)-017/G	JUL 85		GENERATION OF ELASTIC AND DISCRETE INELASTIC TRANSFER MATRICES BY R.D.M. GARCIA AND M.D. SANTINA MAY 1985 (18 PAGES)	1433
INDC(INDS)-172/G1	JUL 85	INT(85)-6	CO-ORDINATED RESEARCH PROGRAMME ON MEASUREMENT AND ANALYSIS OF 14 MEV NEUTRON NUCLEAR DATA NEEDED FOR FISSION AND FUSION REACTOR TECHNOLOGY SUMMARY REPORT OF THE 2ND RESEARCH CO-ORDINATION MEETING HELD AT CHIANG MAI UNIVERSITY, CHIANG MAI, THAILAND, 4-8 FEBRUARY 1985 BY M.K. MEHTA JULY 1985 (20 PAGES)	1434
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INDC(CCP)-239/L	JUL 85		REVIEW OF MEASUREMENTS OF THE AVERAGE NUMBER OF PROMPT FISSION NEUTRONS BY V.V. MALINOVSKIJ, V.G. VOROB'EVA AND B.D. KUZ'MINOV (TRANSLATED BY THE IAEA) JUNE 1985 (49 PAGES)	1436
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INDC(GER)-028/LN+S	AUG 85	NEANDC(E)-262/U 5	PROGRESS REPORT ON NUCLEAR DATA RESEARCH IN THE FED. REPUBLIC OF GERMANY FOR THE PERIOD APRIL 1, 1984 TO MARCH 31, 1985 BY S.M. DAMM JUNE 1985 (78 PAGES)	1447
INDC(CCP)-247/L	SEP 85		EVALUATION OF THE ACCURACY OF GROUP CALCULATIONS FOR REACTOR CRITICALITY PERTURBATIONS BY V.A. DULIN (TRANSLATED BY THE IAEA) SEPTEMBER 1985 (19 PAGES)	1448
INDC(GDR)-034/G1	OCT 85	INT(85)-8	TECHNIQUES OF MEASUREMENTS, ANALYSIS AND INSTRUMENTATION FOR 14 MEV NEUTRON NUCLEAR CROSS SECTIONS BY D. SEELIGER OCTOBER 1985 (100 PAGES)	1449
INDC(USA)-096/U	OCT 85	BNL-NCS-36272 DOE/NDC-36/U NEANDC(US)-221/U	REPORTS TO THE DOE NUCLEAR DATA COMMITTEE COMPILED BY NATIONAL NUCLEAR DATA CENTER FOR THE U.S. DEPARTMENT OF ENERGY NUCLEAR DATA COMMITTEE MAY 1985 (169 PAGES)	1450
INDC(BZL)-018/G	OCT 85		STUDY OF THE EFFECT OF TWO REPRESENTATIONS OF THE FISSION SPECTRUM IN THE CALCULATION OF AVERAGE CROSS SECTIONS BY A.D. CALDEIRA AND R. PAVIOTTI CORCUERA (TRANSLATED BY THE IAEA) SEPTEMBER 1985 (26 PAGES)	1451
INDC(INDS)-173/G1	OCT 85	INT(85)-7	STATUS REVIEWS OF 14 MEV NEUTRON INDUCED CROSS SECTIONS: MEASUREMENTS AND CALCULATIONS (TEXT OF LECTURES DELIVERED DURING THE SECOND RESEARCH CO-ORDINATION MEETING (GAUSSIG, GDR, NOVEMBER 1983) FOR THE CO-ORDINATED RESEARCH PROGRAMME ON MEASUREMENT AND EVALUATION OF 14 MEV NEUTRON NUCLEAR DATA NEEDED FOR FISSION AND FISSION REACTOR TECHNOLOGY) BY M.K. MEHTA SEPTEMBER 1985 (129 PAGES)	1452

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INDC(JPN)-100/L	OCT 85	JAERI-M-85-101 NEANDC(J)-114/U	EVALUATION OF NEUTRON NUCLEAR DATA OF NATURAL NICKEL AND ITS ISOTOPIES FOR JENDL-2 BY Y. KIKUCHI AND N. SEKINE JULY 1985 (195 PAGES)	1453
INDC(JPN)-101/L	OCT 85	JAERI-M-85-138 NEANDC(J)-115/U	EVALUATION OF NEUTRON NUCLEAR DATA FOR BK-249 AND CF-249 BY Y. KIKUCHI AND T. NAKAGAWA SEPTEMBER 1985 (89 PAGES)	1454
INDC(NEA)-006	OCT 85	NEANDC-204/U	PRE-EQUILIBRIUM EFFECTS - AN INTERNATIONAL NUCLEAR MODEL AND CODE COMPARISON BY H. GRUPPELAAR AND P. NAGEL SEPTEMBER 1985 (139 PAGES)	1455
INDC(CCP)-249/L	OCT 85		UPDATING AND USING THE INTERNATIONAL NON-NEUTRON EXPERIMENTAL NUCLEAR DATA BASE IN "GENERALIZED EXFOR" FORMAT BY G.M. ZHURAVLEVA AND F.E. CHUKREEV [TRANSLATED FROM NUCLEAR CONSTANTS 2(56) 1984, PP. 3, RUSSIAN ORIGINAL DISTRIBUTED AS INDC(CCP)-232/G] OCTOBER 1985 (39 PAGES)	1456
INDC(CCP)-250/L	OCT 85		DATA INPUT FOR PRODUCING A SECONDARY INFORMATION DOCUMENT IN "GENERALIZED EXFOR" FORMAT ON A MINI-COMPUTER BY G.M. ZHURAVLEVA, A.E. INGNATOCHKIN AND F.E. CHUKREEV [TRANSLATED FROM NUCLEAR CONSTANTS 2(56) 1984, PP. 60, RUSSIAN ORIGINAL DISTRIBUTED AS INDC(CCP)-232/G] OCTOBER 1985 (23 PAGES)	1457
INDC(INDS)-171/GE	OCT 85		GAMMA-RAY STANDARDS FOR DETECTOR CALIBRATION SUMMARY REPORT OF A CONSULTANTS' MEETING HELD AT THE CENTRE D'ETUDES NUCLEAIRES DE GRENOBLE, FRANCE 30-31 MAY 1985 BY A. LORENZ OCTOBER 1985 (19 PAGES)	1458
INDC(INDS)-168/G+P	OCT 85		PROGRESS IN FISSION PRODUCT NUCLEAR DATA NO. 11 INFORMATION ABOUT ACTIVITIES IN THE FIELD OF MEASUREMENTS AND COMPILATION/EVALUATIONS OF FISSION PRODUCT NUCLEAR DATA (FPND) BY M. LAMMER SEPTEMBER 1985 (73 PAGES)	1459
INDC(SWD)-020/L	OCT 85	XDK-86 NEANDC(OR)-160/U	PROGRESS REPORT ON NUCLEAR DATA ACTIVITIES IN SWEDEN FOR 1984 BY H. CONDE AND E. RAMSTROEM SEPTEMBER 1985 (39 PAGES)	1460
INDC(JPN)-102/U	NOV 85	NEANDC(J)-116/U	PROGRESS REPORT (JULY 1984-JUNE 1985 INCLUSIVE) BY S. KIKUCHI SEPTEMBER 1985 (106 PAGES)	1461
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INDC(INDS)-197/LNA	SEP 87		REPORT OF THE NUCLEAR DATA SECTION TO THE INTERNATIONAL NUCLEAR DATA COMMITTEE MARCH 1986 - AUGUST 1987 BY A. LORENZ SEPTEMBER 1987 ( PAGES)	1585
INDC(NEA)-005	JAN 86	NEANDC-198/U	INTERNATIONAL NUCLEAR MODEL CODE COMPARISON STUDY OF THE SPHERICAL OPTICAL MODEL FOR CHARGED PARTICLES BY P.E. HODGSON AND E. SARTORI (17 PAGES)	1468
INDC(NEA)-006	OCT 85	NEANDC-204/U	PRE-EQUILIBRIUM EFFECTS - AN INTERNATIONAL NUCLEAR MODEL AND CODE COMPARISON BY H. GRUPPELAAR AND P. NAGEL SEPTEMBER 1985 (139 PAGES)	1455
INDC(NEA)-007/G	JUL 86		REPORT TO THE INTERNATIONAL NUCLEAR DATA COMMITTEE OECD/NEA DATA BANK, ACTIVITIES IN 1985-86 JUNE 1986 (5 PAGES)	1499
INDC(NED)-009/G	SEP 87		REPORT ON THE NEUTRON NUCLEAR DATA ACTIVITIES IN THE NETHERLANDS IN THE PERIOD 1985/1986 BY H. GRUPPELAAR AUGUST 1987 (5 PAGES)	1579
INDC(PAK)-006/G1	SEP 86	INT(86)-5	DOUBLE DIFFERENTIAL NEUTRON EMISSION CROSS SECTIONS OF Pb, Cu AND Al FOR 14.6 MEV NEUTRONS BY K. GUL, M. ANWAR, S.M. SALEEM AND M. AHMAD PAKISTAN INSTITUTE OF NUCLEAR SCIENCE AND TECHNOLOGY, NILDRE-ISLAMABAD-PAKISTAN AUGUST 1986 (72 PAGES)	1516
INDC(ROM)-017/G	SEP 86		PROGRESS REPORT ON NUCLEAR DATA ACTIVITIES IN ROMANIA BY S.N. RAPEANU JULY 1986 (39 PAGES)	1496
INDC(SAF)-009/G	JUL 87		PROGRESS REPORT FOR THE PERIOD 1985/1986 BY E. BARNARD JUNE 1987 (13 PAGES)	1568
INDC(SEC)-091/UN	APR 86		INDC CORRESPONDENTS FOR THE EXCHANGE OF NUCLEAR DATA INFORMATION AND MEMBERS OF NATIONAL NUCLEAR DATA COMMITTEES (SUPERSEDES INDC(SEC)-089/UN) APRIL 1986 (131 PAGES)	1484
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INDC(SEC)-093/UN	SEP 87		INDC CORRESPONDENTS FOR THE EXCHANGE OF NUCLEAR DATA INFORMATION AND MEMBERS OF NATIONAL NUCLEAR DATA COMMITTEES (SUPERSEDES INDC(SEC)-091/UN) SEPTEMBER 1987	1581
INDC(SEC)-094/UN	SEP 87		LIST OF DOCUMENTS RECEIVED BY THE INDC SECRETARIAT (SUPERSEDES INDC(SEC)-092) SEPTEMBER 1987	1582
INDC(SWD)-020/L	OCT 85	KDK-86 NEANDC(OR)-160/U	PROGRESS REPORT ON NUCLEAR DATA ACTIVITIES IN SWEDEN FOR 1984 BY H. CONDE AND E. RAMSTROEM SEPTEMBER 1985 (39 PAGES)	1460
INDC(SWD)-021/G	SEP 86	KDK-75, PARTS A+B NEANDC(OR)-159/AU	COMPLATION OF ACTINIDE NEUTRON NUCLEAR DATA PARTS A AND B BY SWEDISH NUCLEAR DATA COMMITTEE, STOCKHOLM 1985	1517



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INDC(UK)-038/LN	JAN 86	UKNDC(85)P112 NEANDC(E)-262 8	U.K. NUCLEAR DATA PROGRESS REPORT JANUARY - DECEMBER 1984 BY D.J.S. FINDLAY AND J.A. COOKSON JUNE 1985 (106 PAGES)	1466
INDC(UK)-040/G	FEB 86	AERE-R 12078 NEANDC(UK)-176/A	AN INVESTIGATION OF THE REACTION MECHANISM FOR RESONANCE NEUTRON CAPTURE IN FES4 AND NI62 BY J.P. MASON JANUARY 1986 (131 PAGES)	1487
INDC(UK)-041/LN	JUL 87	UKNDC(86)P113 NEANDC(E)-272 VOL.	U.K. NUCLEAR DATA PROGRESS REPORT JANUARY - DECEMBER 1985 BY J.P. MASON AND J.A. COOKSON JANUARY 1987 (74 PAGES)	1571
INDC(USA)-093/L	JAN 85	BNL-NCS-34291 DOE/NDC-33/U NEANDC(US)-218/U	REPORTS TO THE DOE NUCLEAR DATA COMMITTEE MAY 1984 (187 PAGES)	1396
INDC(USA)-096/U	OCT 85	BNL-NCS-36272 DOE/NDC-36/U NEANDC(US)-221/U	REPORTS TO THE DOE NUCLEAR DATA COMMITTEE COMPILED BY NATIONAL NUCLEAR DATA CENTER FOR THE U.S. DEPARTMENT OF ENERGY NUCLEAR DATA COMMITTEE MAY 1985 (169 PAGES)	1450
INDC(USA)-097/L	AUG 86	BNL-NCS-37699 DOE/NDC-38/U NEANDC(US)-222/U	REPORTS TO THE DOE NUCLEAR DATA COMMITTEE COMPILED BY NATIONAL NUCLEAR DATA CENTER MAY 1986 (175 PAGES)	1512
INDC(USA)-099/L	SEP 87	BNL-NCS-39266 DOE/NDC-43/U NEANDC(US)-224/U	REPORTS TO THE DOE NUCLEAR DATA COMMITTEE COMPILED BY THE NATIONAL NUCLEAR DATA CENTER FOR THE U.S. DEPARTMENT OF ENERGY NUCLEAR DATA COMMITTEE MAY 1987 (182 PAGES)	1580
INDC(VN)-004/G1	JUL 85	INT(85)-5	ACTIVATION CROSS SECTIONS OF (N,N'P) REACTIONS INDUCED BY 14.8 MEV NEUTRONS ON CR ISOTOPES BY HOANG DAC LUC, PHAN NHU NGOC, NGUYEN VAN DO AND LY BA BACH JULY 1985 (5 PAGES)	1429
INDC(VN)-005/G1	OCT 86	INT(86)-5	DETERMINATION OF SOME (N,P), (N,N'P) AND (N,ALPHA) REACTION CROSS SECTIONS INDUCED BY 14.8 MEV NEUTRONS ON CR AND TI ISOTOPES BY HOANG DAC LUC, PHAN NHU NGOC, NGUYEN VAN DO AND LY BA BACH, INSTITUTE OF PHYSICS, HANOI, VIETNAM SEPTEMBER 1986 (4 PAGES)	1531
INDC(YUG)-010/G	OCT 86		FAST NEUTRON PHYSICS PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON FAST NEUTRON PHYSICS, DUBROVNIK, MAY 26-31, 1986 BY D. MILJANIC, B. ANTOLKOVIC AND G. PAIC 1986 (314 PAGES)	1525
INDC-41/G	SEP 86		REPORT OF THE CHAIRMAN OF THE INTERNATIONAL NUCLEAR DATA COMMITTEE FOR THE PERIOD 1983-1985 BY D. SEELIGER AUGUST 1986 (7 PAGES)	1519

APPENDIX A

LIST OF SINGLE COPY DOCUMENTS

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LIST OF SINGLE COPY DOCUMENTS RECEIVED BY THE NUCLEAR DATA SECTION

IN THE TIME PERIOD JUN 1985 - AUG 1987

AAEC/E604	JUN 85	A NEUTRONICS STUDY OF REDUCED ENRICHMENT FUEL FOR THE MIFAR RESEARCH REACTOR B.V. HARRINGTON AND G.S. ROBINSON
AECL-7690 (REV. 1)	JUN 84	TESTING ENDF/B-V DATA FOR THERMAL REACTORS D.S. CRAIG
AECL-8490	JUN 84	THERMAL-NEUTRON SCATTERING LENGTHS AND CROSS SECTIONS FOR CONDENSED-MATTER RESEARCH V.F. SEARS
AERE PR/NP32	OCT 85	NUCLEAR PHYSICS DIVISION PROGRESS REPORT FOR THE PERIOD 1ST JANUARY TO 31ST DECEMBER 1984 J.A. COOKSON AND D.J.S. FINDLAY
AERE R 12419	DEC 86	SYSTEMATICS OF NEUTRON-INDUCED THRESHOLD REACTIONS WITH CHARGED PRODUCTS AT ABOUT 14.5 MEV R.A. FORREST
AFI BIENNIAL REPORT 1984-1985	MAR 86	AFI BIENNIAL REPORT 1984 - 1984 F. JANDUCH, E. OPPENHEIMER
ANL-84-90	AUG 85	OPTICAL SPECTRA AND ELECTRONIC STRUCTURE OF ACTINIDE IONS IN COMPOUNDS AND IN SOLUTION W.T. CARNALL AND H.M. CROSSWHITE
ANL/NDM-88	MAR 85	AN EVALUATED NUCLEAR-DATA FILE FOR NIOBIUM A.B. SMITH, D.L. SMITH AND R.J. HOWERTON
ANL/NDM-89	APR 85	COMPILATION AND EVALUATION OF 14-MEV NEUTRON-ACTIVATION CROSS SECTIONS FOR NUCLEAR TECHNOLOGY APPLICATIONS: SET 1 B.P. EVAIN, D.L. SMITH AND P. LUCCHESI
ANL/NDM-90	APR 85	FAST-NEUTRON-SPECTRUM MEASUREMENTS FOR THE THICK-TARGET $^{90}\text{Zr}(n,p)^{89}\text{Y}$ REACTION AT $E_D = 7$ MEV D.L. SMITH, J.W. MEADOWS AND P.T. GUENTHER
ANL/NDM-91	MAY 85	ON THE ENERGY DEPENDENCE OF THE OPTICAL MODEL OF NEUTRON SCATTERING FROM NIOBIUM A.B. SMITH, P.T. GUENTHER AND R.D. LAWSON
ANL/NDM-92	OCT 85	INTEGRAL CROSS-SECTION MEASUREMENTS FOR $^{117}\text{Sn}(n,\alpha)^{114}\text{Ge}$ , $^{117}\text{Sn}(n,p)^{117}\text{Sb}$ D.L. SMITH, J.W. MEADOWS AND M.M. BRETSCHER
ANL/NDM-94	JAN 86	EVALUATED NEUTRONIC DATA FILE FOR YTTRIUM A.B. SMITH, D.L. SMITH, P. ROUSSET, R.D. LAWSON AND R.J. HOWERTON
ANL/NDM-96	SEP 86	RATIO OF THE PROMPT-FISSION-NEUTRON SPECTRUM OF PLUTONIUM 239 TO THAT OF URANIUM 235 M. SUGIMOTO, A.B. SMITH AND P.T. GUENTHER
BNL-NCS-51771 (1ST EDITION)	APR 84	CHARGED PARTICLE NUCLEAR DATA BIBLIOGRAPHY LITERATURE SCANNED FROM MARCH 1, 1982, THROUGH MARCH 31, 1984 N.E. HOLDEN, S. RAMAVATARAM AND C.L. DUNFORD
BNL-51776		NEANDC SPECIALISTS MEETING ON YIELDS AND DECAY DATA OF FISSION PRODUCT NUCLIDES, HELD AT BNL, OCTOBER 24-27, 1983 R.E. CHRIEN AND T.W. BURROWS
CLM-270	AUG 86	ATOMIC AND MOLECULAR DATA FOR FUSION, PART 2 RECOMMENDED CROSS SECTIONS AND RATES FOR ELECTRON IONISATION OF ATOMS AND IONS: FLUORINE TO NICKEL M.A. LENNON, K.L. BELL, M.B. GILBODY, J.G. HUGHES, A.E. KINGSTON, M.J. MURRAY ETC.
FOTOJAD-1985	85	PHOTONUCLEAR DATA REVIEW (GAMMA, XGAMMA) REACTIONS
FOTOJAD-8 (84)	85	PHOTONUCLEAR DATA NO. 8 1984
HSJ-80038	80	FISSION PRODUCT YIELD
IAE/BE1/AR-1982	82	INSTITUTE OF ATOMIC ENERGY ANNUAL REPORT
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IAEA-CONTR. 2517/RB		Thermal-Neutron Scattering Lengths
IAEA-INIS-6 (REV. 18)	AUG 85	INIS: AUTHORITY LIST OF CORPORATE ENTRIES AND REPORT NUMBER PREFIXES

IAEA-TECDOC-345	AUG	85	NEUTRON PHYSICS AND NUCLEAR DATA MEASUREMENTS WITH ACCELERATORS AND RESEARCH REACTORS
IAEA-TECDOC-351		85	RESEARCH REACTORS AND ALTERNATIVE DEVICES FOR RESEARCH (MEETING REPORT OF CM HELD IN UPPSALA, SWEDEN, 18-21 JUNE 1984)
IAEA-TECDOC-410	MAR	87	PROPERTIES OF NEUTRON SOURCES PROCEEDINGS OF AGM MEETING HELD IN LENINGRAD, USSR 9-13 JUNE 1986
IAP-REPORT 1/87	MAR	87	ATOMIC DATA BASE FOR LITHIUM BEAM - ACTIVATED PLASMA DIAGNOSTICS F. AUMAYR AND H. WINTER
IEAE-IFRC	JUN	87	REVIEW ON INERTIAL CONFINEMENT FUSION S. NAKAI
IEAV-03/87	MAY	87	PARAMETROS INTEGRAIS PARA O PROBLEMA-PADRAO GODIVA CALCULADOS COM OS ESPECTROS DE FISSAO TEORICO E AJUSTADO DO U-235 A.D. CALDEIRA
IEAV/B1-02/87	JUN	87	BOLETIM DO CENTRO DE BADOS NUCLEARES R. PAVIOTTI CORCUERA
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IEAV/NT-013/85	DEC	85	PROCEDIMENTO PARA CALCULO DE PERFIS DE SENSIBILIDADE POR TEORIA DE TRANSPORTE - SISTEMA FORSS L. HENRIQUE CLARO, A.A. BORGES AND A.D. CALDEIRA
IFUSP/P-385	FEB	83	FINITE PROTON-NEUTRON MASS DIFFERENCE I. KIMEL
IFUSP/P-396	MAY	83	ANALYSIS OF INSTITUTIONAL RELATIONS IN AN INTRODUCTORY PHYSICS COURSE A. VILLANI, R.I. KISHINAMI, Y. MDSOUME AND J.L.A. PACCA
IFUSP/P-400	MAY	83	DECAY PROPERTIES OF OVERLAPPING NUCLEAR RESONANCES M.S. HUSSEIN, A.K. KERMAN AND K.W. MCVDY
IFUSP/P-401	MAY	83	STATISTICAL ASPECTS OF MULTISTEP PROCESSES IN NUCLEAR REACTIONS MAHIR S. HUSSEIN
IFUSP/P-406	MAY	83	PARTICLE-HOLE RANDOM-PHASE-APPROXIMATION WITH GOOD ISOSPIN F. KRMPOTIC, C.P. MALTA AND K. NAKAYAMA
IFUSP/P-408	JUN	83	THE AVERAGE ANGULAR DISTRIBUTION OF EMITTED PARTICLES IN MULTI-STEP COMPOUND PROCESSES R. BONETTI, B.V. CARLSON, M.S. HUSSEIN AND A. SZANTO DE TOLEDO
IFUSP/P-422	AUG	83	PROBING THE INTERIOR REGION OF THE HEAVY ION INTERACTION THROUGH ALAS M.S. HUSSEIN, L.F. CANTO AND R. DONANGELO
IFUSP/P-423	AUG	83	COINCIDENT-INCLUSIVE ELECTROFISSION ANGULAR CORRELATIONS J.D.T. ARRUDA-NETO
IFUSP/P-426	SEP	83	HYPERFINE FIELD AT GE IN FE A. HRYNKIEWICZ ET AL.
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IKF-43		84	JAHRESBERICHT 1983. INST. F. KERNPHYSIK DER J.W. GOETHE UNIVERSITAET FRANKFURT AM MAIN H. SCHMIDT-BOECKING
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INER-0597	MAY	85	DRIGEN-11 - ISOTOPE GENERATION AND DEPLETION CODE STANDARD OPERATION PROCEDURE CHEN LIN AND MIN-FONG SU
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IPPJ-AM-36	FEB	85	EQUILIBRIUM CHARGE STATE DISTRIBUTIONS OF IONS (Z1)4) AFTER PASSAGE THROUGH FOILS - COMPILATION OF DATA AFTER 1972 K. SHIMA, T. MIKUMO AND H. TAWARA
IPPJ-AM-37	FEB	85	IONIZATION CROSS SECTIONS OF ATOMS AND IONS BY ELECTRON IMPACT H. TAWARA, T. KATO AND M. OHNISHI
IPPJ-AM-38	MAR	85	RATE COEFFICIENTS FOR THE ELECTRON-IMPACT EXCITATIONS OF C-LIKE IONS Y. ITIKAWA
IPPJ-AM-39	MAR	85	PROCEEDINGS OF THE JAPAN-U.S. WORKSHOP ON IMPURITY AND PARTICLE CONTROL, THEORY AND MODELING T. KAWAMURA
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IPPJ-AM-41	JUN	85	DATA ON THE BACKSCATTERING COEFFICIENTS OF LIGHT IONS FROM SOLIDS (A REVISION) R. ITO, T. TABATA, N. ITOH, K. MORITA, T. KATO AND H. TAWARA
IPPJ-AM-47	OCT	86	RESONANCE EFFECTS IN ELECTRON-ION COLLISIONS H. TAWARA AND G.H. DUNN
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IPPJ-716	FEB	85	MAGNETOHYDRODYNAMIC STABILITY OF SPHEROMAK PLASMA IN TOROIDAL FLUX CONSERVER WITH RECTANGULAR CROSS SECTION M. TAGUCHI, T. MIYAZAKI AND S. KANEKO
IPPJ-717	FEB	85	HIGH ENERGY PARTICLE ACCELERATION BY COHERENT ELECTROMAGNETIC WAVES PROPAGATING ACROSS THE MAGNETIC FIELD Y. NISHIDA AND R. SUGIHARA
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IPPJ-722	MAR 85	DOUBLE LAYER FORMATION DUE TO CONTACT OF DIFFERENT TEMPERATURE PLASMAS S. ISHIGURO, T. KAMIMURA AND T. SATO
IPPJ-723	MAR 85	PERSPECTIVES OF NONLINEAR DYNAMICS E. ATLEE JACKSON
IPPJ-724	MAR 85	OBSERVATION OF MODE-CONVERTED BY ION BERNSTEIN WAVE BY AN HCN LASER SCATTERING T. TETSUKA ET AL.
IPPJ-725	MAR 85	WORKSHOP REPORT ON "SIMULATION TECHNIQUES FOR SHOCK WAVE PHENOMENA" AND "CHARACTERISTICS OF PLASMAS IN INERTIAL CONFINEMENT FUSION"
IPPJ-726	APR 84	FOKKER-PLANCK CALCULATION OF HOT ELECTRON FORMATION IN THE THERMAL BARRIER REGION OF TANDEM MIRROR GAMMA 10 I. KATANUMA, Y. KIWAMOTO, K. SAWADA AND S. MIYOSHI
IRK-PR-1985 (86)	85	PROGRESS REPORT 1985 INSTITUT FUER RADIUMFORSCHUNG U KERNPHYSIK
JAERI-ANREP 84/85	MAR 85	JAPAN ATOMIC ENERGY RESEARCH INSTITUTE ANNUAL REPORT 1984.4-1985.3
JAERI-M-82-118	AUG 82	DATA ON TRAPPING AND RE-EMISSION OF ENERGETIC HYDROGEN ISOTOPES AND HELIUM IN MATERIALS S. YAMAGUCHI, K. OZAWA, Y. NAKAI AND Y. SUGIZAKI
JAERI-M-84-089	MAY 84	DATA COMPILATION FOR RADIATION EFFECTS ON HYDROGEN RECYCLE IN FUSION REACTOR MATERIALS K. OZAWA, K. FUKUSHIMA AND K. EBISAWA
JAERI-M-84-092	MAY 84	DATA COMPILATION FOR DEPTH DISTRIBUTION OF ION-INDUCED DAMAGE AND ION-IMPLANTED ATOMS M. TERASAWA, S. NAKAHIGASHI AND K. OZAWA
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JAERI-M-84-094	MAY 84	DATA COMPILATION FOR PARTICLE IMPACT DESORPTION T. OSHIYAMA, S. NAGAI, K. OZAWA AND F. TAKEUCHI
JAERI-M-84-182	OCT 84	PROCEEDINGS OF THE NEANDC TOPICAL CONFERENCE ON "MEASUREMENTS AND EVALUATIONS OF NUCLEAR DATA AND DECAY HEAT FOR FISSION PRODUCTS"
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JAERI-M-85-100	JUL 85	DATA COMPILATION FOR PARTICLE IMPACT DESORPTION II T. OSHIYAMA, S. NAGAI, K. OZAWA AND F. TAKEUCHI
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KAERI/TR-106/87	APR 87	COMPARISON OF SEVERAL COUPLED NEUTRON AND GAMMA-RAY MULTI-GROUP CROSS SECTION LIBRARIES FOR KMRR SHIELDING DESIGN JUNG-DO KIM, KAB-SOO CHUNG, BYUNG-CHUI LEE, EUM-HEE KIM AND JI-BOK LEE
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KURRI-TR-277	APR 86	PROCEEDINGS OF THE 2ND SPECIALIST RESEARCH MEETING ON MEASUREMENTS OF SHORT-LIVED ISOTOPES Y. YOSHIZAWA, Y. KAWASE AND K. OKANO
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LA-10776-MS	MAR 87	SOME COMMENTS ON MOLECULAR PARTITION FUNCTIONS CHRISTOPHER M. SHARP
LA-10953-MS	MAR 87	THE F ELECTRON COLLAPSE REVISITED B.I. BENNETT
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