BNL-NCS-17541 ENDF-201 Supplement 1   12899
    ENDF/B-V.2 Summary Documentation
    JAN./1985
    Magurno, B.A.   ....   203 pages

BNL-51450   12929
    Safeguards Instrumentation a Computer-Based Catalog, Second
    Edition
    APR./1985
    Auerbach, C.   ....   160 pages

ECN-85-129   12911
    Evaluation of Neutron Cross Sections for ^{101}Ru   (RCN-4 Data
    Library)
    JUL./1985
    Gruppelaar, H. et al.   ....   59 pages

ENDF-201 BNL-NCS-17541 Supplement 1   12899
    ENDF/B-V.2 Summary Documentation
    JAN./1985
    Magurno, B.A.   ....   203 pages

IAEA-TECDOC-335   12917
    Nuclear Standard Reference Data
    Proceedings of an Advisory Group Meeting on Nuclear Standard
    Reference Data, Geel, 12-16 November, 1984.
    JUN./1985
                                           ....   491 pages

INDC(BZL)-012/G   12888
    A New Technique for Generation of Transfer Matrices for
    Elastic and Discrete Inelastic Scattering
    OCT./1984
    Garcia, R.D.M.   ....   11 pages

INDC(BZL)-013/G   12889
    The Computational Efficiency of a Semi-Analytical Technique
    for Evaluation of Angular Integrals Encountered in Transfer
    Matrix Generation
    OCT./1984
    Garcia, R.D.M.   ....   8 pages

INDC(BZL)-014/G   12890
    Preparation of Fission-Product Cross-Sections Lumped for a
    Multi-Group Library
    NOV./1984
    Ono, S. and Corcuera, R.P.   ....   39 pages

INDC(BZL)-015/G   12891
    AMZ, a Multi-Group Library of Constants for the EXPANDA Code
    Generated by the NJOY Code on the Basis of ENDF/B-IV

NOV./1984
Chalboub, E.S. et al. .... 50 pages

INDC(BZL)-017/G   12906
Generation of Elastic and Discrete Inelastic Transfer
Matrices
MAY /1985
Garcia, R.D.M. et al. .... 18 pages

INDC(CCP)-236/G   12892
Nuclear Constants No.4 (58) (in Russian)
1984
.... 82 pages

INDC(CCP)-237/G   12893
Nuclear Constants No.5 (59) (in Russian)
1984
.... 56 pages

INDC(CCP)-238/L   12894
Prompt Neutron Energy Spectrum for the Spontaneous Fission of
Cf-252
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Blinov, M.V. et al. .... 47 pages

INDC(CCP)-239/L   12907
Review of Measurements of the Average Number of Prompt Fis-
sion Neutrons
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Malinovskij, V.V. et al. .... 49 pages

INDC(CCP)-243/L   12908
Energy Dependence of the Removal Cross-Section in Plane Lay-
ers of Iron Shielding
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Jordanova, J. et al. .... 14 pages

INDC(CCP)-247/L   12921
Evaluation of the Accuracy of Group Calculations for Reactor
Criticality Perturbations
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Dulin, V.A. .... 19 pages

INDC(CCP)-249/L   12938
Updating and Using the International Non-Neutron Experimental
Nuclear Data Base in "Generalized EXFOR" Format
OCT./1985
Zhuravleva, G.M. et al. .... 39 pages

INDC(CCP)-250/L   12939
Data Input Technology for Producing a Secondary Information

Document in "Generalized EXFOR" Format on a Minicomputer
OCT./1985
Zhuravleva, G.M. et al.   . . . .   23 pages

INDC(CPR)-002/G   12909
Neutron Nuclear Reaction Theory and Application (Four papers
by Chinese authors)
MAY /1985
                                 . . . .   40 pages

INDC(CPR)-003/L   12922
Measurement of Nonelastic Cross Section for the Elements Cu,
Si at 14.9 MeV
AUG./1985
Changlian, Bao et al.   . . . .   5 pages

INDC(CPR)-004/L   12923
Measurement of Partial Neutron Spectrum of an Am-Be (α,n)
Source
AUG./1985
Jinxiang, Chen et al.   . . . .   7 pages

INDC(CPR)-006/L   12924
The Measurement of Neutron Scattering Cross Sections at Small
Angles
AUG./1985
Qi, H.Q. et al.   . . . .   6 pages

INDC(CSR)-006/GI INT(85)-01   12895
Neutron Activation Cross Sections for Cr Isotopes at 14.8 MeV
Neutron Energy
APR./1985
Ribansky, I. et al.   . . . .   25 pages

INDC(GER)-028/LN+Spec. NEANDC(E)-262"U" Vol.V   12897
Progress Report on Nuclear Data Research in the Federal Repu-
blic of Germany for the Period April 1, 1984 to March 31,
1985
JUN./1985
Qaim, S.M.   . . . .   78 pages

INDC(GDR)-027/G   12896
Graphical Data Representation from ENSDF
SEP./1984
Letz, B. et al.   . . . .   15 pages

INDC(NDS)-164/GE   12898
Measurement and Evaluation of Transactinium Isotope Nuclear
Data
FEB./1985
Lorenz, A.   . . . .   9 pages

INDC(NDS)-165/GR   12910

    Planning for the REAL-84 Project on Adjustment Procedures

    JUL./1985

    Piksaikin, V. et al.   ....   7 pages

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    Progress in Fission Product Nuclear Data

    SEP./1985

    Lammer, M.   ....   73 pages

INDC(NEA)-006 NEANDC-204"U" NEA Data Bank NEWSLETTER No.32   12932

    Pre-Equilibrium Effects, An International Nuclear Model and

    Code Comparison

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    Gruppelaar, H. et al.   ....   140 pages

INDC(SWD)-020/L KDK-85 NEANDC(OR)-160"U"   12926

    Progress Report on Nuclear Data Activities in Sweden for 1984

    SEP./1985

    Conde, H.   ....   39 pages

INDC(UK)-039/LN NEANDC(E)-262 Vol.8 UKNDC(85)P112   12931

    U.K. Nuclear Data Progress Report January - December 1984

    JUN./1985

    Findlay, D.J.S. et al.   ....   106 pages

INT(85)-01 INDC(CSR)-006/GI   12895

    Neutron Activation Cross Sections for Cr Isotopes at 14.8 MeV

    Neutron Energy

    APR./1985

    Ribansky, I. et al.   ....   25 pages

ISPO-219 LA-10382-MS   12902

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    Materials with the AWCC

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    Krick, M.S. et al.   ....   18 pages

ISPO-239 LA-10476-MS   12927

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    AUG./1985

    Markin, J.T. and Ahlquist, J.A.   ....   28 pages

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    ION-1 Technical Manual

JUL./1985
Halbig, J.K. et al.   ....   30 pages

JEF REPORT 1   12904
Index to the JEF-1 Nuclear Data Library Volume I (General
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JUL./1985
NEA Data Bank   ....   143 pages

JEF Report 1   12916
Index to the JEF-1 Nuclear Data Library Volume II (Special
Purpose File)
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NEA Data Bank   ....   169 pages

KDK-85 NEANDC(OR)-160"U" INDC(SWD)-020/L   12926
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Mass Asymmetric Fission of Light Nuclei
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On the Stability of the Transeinsteinium Elements
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LA-UR-85-3053   12937
Effect of Dissipation on Ternary Fission in Very Heavy
Nuclear Systems
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Sierk, A.J. et al.   ....   35 pages

LA-10350-M   12900
Uranium Concentration Monitor Manual 2300 System
APR./1985
Russo, P.A. et al.   ....   100 pages

LA-10373-MS   12901
An Assessment of the Measurement Control Program for Solution
Assay Instruments at the Los Alamos National Laboratory Plu-
tonium Facility
MAY /1985
Goldman, A.S.   ....   40 pages

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Measurement of Enriched Uranium and Uranium-Aluminum Fuel
Materials with the AWCC

MAY /1985
Krick, M.S. et al.   . . . .   23 pages

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   MAY /1985
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   Birdcage Neutron Coincidence Counter Manual
   JUL./1985
   Krick, M.S. et al.   . . . .   18 pages

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   ICN-1 Technical Manual
   JUL./1985
   Halbig, J.K. et al.   . . . .   30 pages

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   Dounreay Shuffle Diagnostic Software Operations Manual
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   Eccleston, G.W.   . . . .   63 pages

LA-10476-MS ISPO-239   12927
   Quality Assurance for the IAEA Inspection Planning Process
   AUG./1985
   Markin, J.T. and Ahlquist, J.A.   . . . .   28 pages

LA-10499-MS   12933
   Computer Simulation of the Sequential Probability Ratio Test
   for Nuclear Safeguards
   JUL./1985
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   Uranium Concentration Monitor Manual Secondary Intermediate
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   AUG. 1985
   Russo, P.A. et al.   . . . .   106 pages

NEANDC(E)-262 Vol.8 UKNDC(85)P112 INDC(UK)-039/LN   12931
   U.K. Nuclear Data Progress Report January - December 1984
   JUN./1985
   Findlay, D.J.S. et al.   . . . .   106 pages

NEANDC(E)-262"U" Vol.V INDC(GER)-028/LN+Spec.   12897
   Progress Report on Nuclear Data Research in the Federal Repu-
   blic of Germany for the Period April 1, 1984 to March 31,
   1985
   JUN./1985
   Qaim, S.M.   . . . .   78 pages

NEANDC(OR)-160"U" INDC(SWD)-020/L KDK-85   12926
    Progress Report on Nuclear Data Activities in Sweden for 1984
    SEP./1985
    Conde, H.   . . . .   39 pages

NEANDC-161"U"   12912
    A Code to Calculate Average Parameters from Sets of Resolved
    Resonance Parameters
    JUN./1983
    Fort, E. and Doat, J.P.   . . . .   27 pages

NEANDC-204"U" INDC(NEA)-006 NEA Data Bank NEWSLETTER No.32   12932
    Pre-Equilibrium Effects, An International Nuclear Model and
    Code Comparison
    SEP./1985
    Gruppelaar, H. et al.   . . . .   140 pages

ORNL/CSD-128   12930
    NLO Error Propagation Exercise: Statistical Results
    SEP./1985
    Pack, D.J. and Downing, D.J.   . . . .   114 pages

Physik Daten/Physics Data 17-2   12920
    Compilation of Experimental Values of Internal Conversion
    Coefficients and Ratios for Nuclei with Z > 60
    1985
    Hansen, H.H.   . . . .   560 pages

SAND85-1105   12925
    PC EASI Estimate of Adversary Sequence Interruption on an IBM
    PC
    OCT./1985
    Chapman, L.D. and Harlan, C.P.   . . . .   61 pages

UCRL-53668   12934
    DOE Site-Specific Threat Assessment
    JUL./1985
    West, D.J. et al.   . . . .   26 pages

UKNDC(85)P112 INDC(UK)-039/LN NEANDC(E)-262 Vol.8   12931
    U.K. Nuclear Data Progress Report January - December 1984
    JUN./1985
    Findlay, D.J.S. et al.   . . . .   106 pages

Y/DG-17232 LA-10510-M   12928
    Uranium Concentration Monitor Manual Secondary Intermediate
    Evaporator
    AUG./1985
    Russo, P.A. et al.   . . . .   106 pages

「Specialist's Meeting on the Use of the Optical Model for the Calculation of Neutron Cross Sections below 20 MeV」での発表論文

OECD NEANDC主催の標記の専門家会議が，1985年11月13日から15日まで，パリのOECD本部（Châtau de la Muette）で開かれました。この会合で発表された論文の一部を入手しましたので以下に表題と著者名を示します。いずれProceedings が出るはずですが，興味のある方は，核データセンターに来られた際にでも御利用下さい。

Session I　Fundamental Aspects of the Optical Model

　　　Definitions, limitations and calculations of the optical model
　　　potential
　　　　　C. MAHAUX and R. SARTOR (Liége)

　　　Microscopic calculations of the imaginary part of the optical model
　　　potential
　　　　　F. OSTERFELD (Juelich)

　　　Energy dependence of the shape of the optical model potential
　　　　　R.W. FINLEY and J.S. PETLER (Ohio University)

Session II Conventional Models and Calculational Tools

Coupled-channel formalism and ECIS code (in French)
J. RAYNAL (Saclay)

Optical model and statistical processes
H.M. HOFMANN (Erlangen)

International nuclear model codes comparisons
P. NAGEL and E. SARTORI (NEA Data Bank, Saclay)

Sensitivity of calculated cross sections on the optical model
parameters (in French)
O. BERSILLON (Bruyères-le-Châtel)

Analysis of cross-sections of neutron-induced reactions from 1 to
20 MeV
P.E. HODGSON (Oxford)

Session III Parameterization of the Optical Model

Global and local optical model parameterizations
P.G. YOUNG (Los Alamos)

Fast neutrons and optical model: some observations
A.B. Smith et al. (Argonne)

Optical model in the resolved-resonance region
C.H. JOHNSON (Oak Ridge)

Unresolved resonances and the optical model
F. FROEHNER (Karlsruhe)

Statistical and dynamic aspects of nuclear matter distributions:
microscopic calculations and experimental data (in French)
M. GIROD (Bruyères-le-Châtel)

Use of results from microscopic methods in optical model
calculations (in French)
CH. LAGRANGE (Bruyères-le-Châtel)

Session IV Calculations of Neutron-induced Cross-sections with Special
            Emphasis on the Role of the Optical Model

Inelastic scattering cross sections in the fission-product mass
range
      H. GRUPPELAAR and H.A.J. van der KAMP (Petten)

Fast neutron scattering from soft nuclei: coupled-channel
formalism and illustrations (in French)
      J.P. DELAROCHE (Bruyères-le-Châtel)

Session V Contributed Papers

The spin-orbit interaction for neutron-nucleus scattering
      R.L. WALTER (Duke) and J.P. DELAROCHE (Bruyères-le-Châtel)

Neutron scattering studies and optical model calculations in the 20
MeV region
      N. OLSSON et al. (Sweden)

Analysis of neutron inelastic scattering from ^{59}Co and ^{93}Nb using
the multistep compound pre-equilibrium theory
      R. BOUETTI (Milano) and P.E. HODGON (Oxford)

Proton optical model parameters from (n,p) reaction cross section
analysis
      M. AVRIGEANU et al. (Bucharest)