

# 資料リスト

## I. EANDC Documents

### Committee Papers

- EANDC- 61 U      RENDA - Compilation of EANDC Requests for  
Neutron Data Measurements .....xxx + 81 pages
- 62 AL      Supplement to RENDA  
W. Haussermann and S. Schwarz ..... ix + 128    "
- 63 U      Intense Neutron Sources and Their Uses ..... i + 14    "  
(JNDC ニュース No.6 の No. 62 'AL' は 誤り)
- 64 }  
- 65 }      not assigned  
- 66 }
- (- 67 A)      Complete Minutes of the 10th Meeting of the  
Committee  
W. W. Havens and C. Ertek
- (- 68 )      not assigned
- (- 69 A)      List of Members
- 70 U      CINDA, an Index to the Literature on Microscopic  
Neutron Data - Supplement 2 (Oct.'67)
- (- 71 L)      Cumulative List of EANDC Documents,  
Sept. '59 - July '67
- 72 U      Distribution of EANDC Documents
- 73 A      Report on the Future Needs and Availability of  
Separated Isotopes  
G. H. Debus
- (- 74 )      not assigned
- 75 U      CINDA, an Index to the Literature on Microscopic  
Neutron Data - Supplement 3
- 76 AL      Status and Proposed Disposition of Requests on  
the EANDC Compilation of Requests

### Canadian Documents

- EANDC(Can)-34 L      Canadian Progress Report to the EANDC  
compiled by G. C. Hanna ..... 16 pages
- (-35 L)      Canadian List of Requests for Measurement,  
March '68  
G. C. Hanna
- 36 S      The Experimental Scattering Law for Various  
Reactor Materials  
(also AECL-2915)  
I. M. Thorson ..... 12 + 10 figs.

Euratom Documents

EANDC(E)- 78	Introduction of KFK-120 — Neutron Cross Sections for Fast Reactor Materials, Part I Evaluations J. J. Schmidt .....	11 pages
- 79 S	Neutron Radiative Capture in Mo H. Weigmann and H. Schmid .....	21 "
(80 AL)	Absolute Radiative Capture Cross Section for Fast Neutron in U-238 H. O. Menlove and W. P. Ponitz	
- 81 A	Remarks on Recently Published or Forthcoming Work concerning Threshold Reactors A. Paulsen and H. Liskien .....	5 "
- 82 AL	Fission Cross Section Measurements on U <sup>235</sup> M.G.Cao, E.Migneco, J.P.Theobald, J.A.Wartena and J. Winter	
- 83 U	Compilation of Requests for Neutron Data from Euratom Countries	
-(84 AL)	A 'Grey' Neutron Detector for the Intermediate Energy Region W. P. Ponitz	
-(85 AL)	The Neutron Capture Cross Section of Gold in the Energy Region 25-500 keV W.P.Ponitz, D.Kompe and H.O.Menlove	
- 86 AL	Resonance Parameters of Pu <sup>240</sup> , Part I: Neutron Width W. Kolar and K. H. Bockhoff	
- 87 AL	Resonance Parameters of Pu <sup>240</sup> , Part II: Radiative Widths H. Weigmann and H. Schmid	
-(88 )	not assigned	
- 89 U	Progress Report on Nuclear Data Research in the Euratom Community .....	iii + 237 "
- 90 A	Remarks on Recently Published or Forthcoming Work concerning Threshold Reactions A. Paulsen and H. Liskien .....	5 "
- 91 AL	Measurement of the Neutron Total Cross Section of Pu <sup>240</sup> K. H. Bückhoff et al. (Proc.of Paris Conf. CN-23/89)	
- 92 AL	Cross Sections for Some (n,p)-Reactions near Threshold A. Paulsen and H. Liskien (Proc.Paris Conf.CN-23/90)	
- 93 AL	Primary Standard Data and Standard Samples J. Spaepen (Proc. Paris Conf. CN-23/119)	

Euratom Documents (cont'd)

- EANDC(E)- (94 AL) The Precise Compleximetric Titration of Uranium (VI)  
A. Bruck and K. Lauer
- (95 AL) Review of Treatments applied to Electrodes used for Potentiometric Analysis (with particular reference to uranium)  
Y. Le Duigov
- (96 AL) Precise Solid-Angle Counting  
W. B. Bambynek
- (97 AL) A New Detector for Neutron Capture Cross Section Measurements  
H. Weigmann et al.
- 98 AL Anregungsfunktionen für die Reaktionen  $^{60}\text{Ni}(n,p)^{60}\text{Co}$  and  $^{63}\text{Cu}(n,\alpha)^{60}\text{Co}$   
A. Paulsen ..... 2 pages
- 99 AL Precise Determination of the Branching Ratio and Q-value of the  $^{10}\text{B}(n,\alpha)^{7}\text{Li}$  Reaction and of the Q-value of the  $^6\text{Li}(n,\alpha)^3\text{H}$  Reaction  
A. Deruytter and P. Pelfer ..... 13 "
- 100 AL Elastic Scattering of Neutrons from  $^6\text{Li}$   
H. Knitter and M. Coppola ..... 8 + 4 figs.
- 101 AL (n,3n)-Processes and the Statistical Theory  
H. Liskien ..... 12 + 5 "
- 102 AL The Determination of Dysprosium in the Presence of Aluminium  
A. Bruck and K. Lauer ..... 2 pages
- (103 AL) Etude du Titrage des Solutions d'Acide Borique par Coulometrie a intensite constante  
Y. Le Duigov and K. Lauer
- 104 AL The Spin Cut-off Factor for  $\text{Co}^{60}$   
A. Paulsen ..... 9 "
- 105 AL Precise Redetermination of the  $p_k^{\omega}$ -value and the Fluorescence Yield  $\omega_k$  of  $\text{Cr}^k$  after Electron Capture Decay of  $\text{Mn}^{54}$
- 106 AL Neutron Scattering from Natural Silicon  
H. Knitter and M. Coppola ..... 9 "
- (107 AL) Determination Precise de l'Uranium par Coulometrie a Potentiel Controle  
Y. Leduigov et K. Lauer
- 108 AL Some Investigations on the Decay of  $\text{Co}^{60}$   
H. Hansen and A. S. Pernol ..... 10 + 3 figs.
- (109 AL) An Accurate Determination of Microgram Quantities of Uranium by Differential Polarography  
V. Verdingh and K. Lauer
- 110 AL Resonance Grouping Structure in Neutron Induced Sub-Threshold Fission of  $\text{Pu}^{240}$   
E. Migneco and J. Theobald ..... 6 + 4 figs.

Japanese Documents

- EANDC(J) 8 L Japanese Progress Report to the EANDC  
edited by T. Momota and T. Fuketa ..... 78 pages
- 9 AL Bibliography for Thermal Neutron Scattering  
JNDC Thermalization Group (JAERI-4043) ..... 38 "

Documents from Other OECD Countries

- EAMDC(OR)-(68 L) Progress Report to EANDC from Austria  
edited by P. Weinzierl
- (69 L) Progress Report to EANDC from Danish AEC  
Research Establishment Risø  
edited by H. Bjerrum Møller
- (70 ) Progress Report to EANDC from Spain
- 71 L Progress Report to EANDC from Greece  
edited by A. Kostikas ..... i + 2 "
- (72 ) Progress Report from Norway (to be published)
- 73 L Progress Report to EANDC from Sweden  
edited by H. Condé ..... i + 30 "
- (74 ) Progress Report from Turkey (to be published)
- (75 ) Progress Report from Switzerland (to be published)
- 76 A The Reactor Neutron Capture Cross-Section of  
Sc<sup>46</sup> and a Determination of the Beta Branching  
Ratio of the Sc<sup>47</sup> Decay  
Zong-Tschun Bak and P. Riehs ..... 7 + 2 figs.
- (77 ) Swedish Request for Data
- 78 Review of Requests on  $\bar{\nu}$  Measurements  
H. Condé ..... 6 pages

Documents from the United Kingdom

- EANDC(UK)- 88 AL Weapons Group, Nuclear Research Division  
Progress Report 1/1/67 - 30/6/67  
(also CNR/PR/9) ..... 44 + 1 fig.
- 89 AL Nuclear Physics Division Progress Report  
1/11/67 - 30/4/67  
(also AERE-PR/NP 12)  
edited by C. F. Coleman ..... vi + 62 pages
- (90)AL Neutron Scattering at 6 MeV from Light  
Nuclei ( to be issued)  
(also AERE R 5618)  
W.M. Currie, Martin and Stuart
- 91 AL U.K. Nuclear Data Progress Report for  
Six Month Period up to Mid-1967  
(also HNDC/P 49)  
edited by E. R. Rae .....iv + 33 "
- (92)AL A Measurement of the Fission Cross Sections  
of U<sup>233</sup>, U<sup>235</sup> and Pu<sup>239</sup>  
R.L.G. Keith, A. McNair and A.L. Rogers
- (93)AL Current Nuclear Data Requirements for the  
Reactor Program in the U.K. (Feb.'68)  
A. L. Pope and J.S. Story (to be issued)
- 94 AL The Neutron Total Cross-section of Carbon  
between 100 eV and 10 MeV  
K.M. Diment and C.A. Uttley ..... 3 + 1 fig.
- (95)AL To be issued
- 96 AL Average Values of the Fission Cross Section  
and Alpha for Pu<sup>239</sup> in the Neutron Energy  
Range 100 eV to 30 keV  
B.H.Patrick, M.G.Schomberg and M.G.Sowerby ... 3 pages
- 97 AL Comparison of Neutron Fluxes Available from  
Various Pulsed Sources for Nuclear Physics  
Applications  
M.S. Coates, K.M. Diment and E.R. Rae .....3 + 3 figs.
- 98 AL Partial Wave Assignment for 1.15 keV  
Resonance in Fe<sup>56</sup>  
A. Asami, M. Moxon and W.E. Stein ..... 1 + 1 fig.
- 99 AL Low Energy Neutron Scattering Cross Section  
of B<sup>10</sup>  
A. Asami and M. C. Moxon ..... 2 + 1 "
- 100 AL Progress Report on the Direct Measurement  
of  $\alpha(E)$  for Pu<sup>239</sup>  
M.G.Schomber, M.G.Sowerby and F.W.Evans ... 5 + 1 "
- (101) To be issued
- 102 A The Balance between Integral and Differential  
Nuclear Data Measurements for Fast Reactors  
C. G. Campbell .....8 + iii pages

Documents from the United States

- EANDC(US)-(103 U) Compilation of Requests for Nuclear Cross-Section Measurements
- 104 U Reports to the AEC-NCSAG, compiled by M. Moore (also INDC(US) 12 'U') (WASH-1079)..... 209 pages

II. IAEA Documents

- UCRL-50132 A Computer-Oriented Neutron Data Storage and Retrieval System; September 1966  
W.J. Cahill et al., Univ. of Calif., Livermore
- AAEC/Tm 385 Prompt Nubar Measurements for the Spontaneous Fission of Pu<sup>240</sup> and Pu<sup>242</sup>, June 1967  
J.W. Boldeman, Australian A.E.C..... 11 + 4 figs.

III. Documents from Other Sources

- AAEC/E-171 Differential Neutron Energy Spectrum Measurements on U<sup>233</sup>/BeO and U<sup>235</sup>/BeO Assemblies in the Reactor MOATA, March 1967  
R. B. Tattersall ..... 12 + 15 tbls. + 33 figs.
- AAEC/E-177 Buckling and Integral Spectrum Measurements in Pu<sup>239</sup>/BeO Sub-Critical Assemblies, June 1967  
P. Duerden ..... 9 + 11 tnls. + 15 figs.
- AAEC/E-181 Worth of Boron Rod in the Reactor MOATA  
N. Spinks, June 1967 ..... 8 + 7 tbls. + 8 figs.
- AAEC/E-190 FOREX - A Fortran Compilation Subroutine for the IMB 360  
G. S. Robinson, January 1968 ..... 11 pages
- AAEC/TM-392 Nuclear Level Densities in Intermediate and Heavy Nuclei, June 1967  
J.L. Cook, H. Ferguson and A.R. de L. Musgrove ..... 5 + 2 tabs. + 1 fig.
- AAEC/TM-415 A Pulsed Neutron Measurement in BeO and Derivation of the Thermal Neutron Diffusion Parameters from the  $\lambda(B^2)$  Curve  
A. I. M. Ritchie, November 1967 .. 12 + 4 tbls. + 5 figs.

III. Documents from Other Sources (cont'd)

IA-1131	The Cylindrical Capacitor as an Analyzer II. Relativistic Part H. Z. Sar-el, Israel Atomic Energy Commission Soreq Nuclear Research Center, Oct.'67 ..... 31 pages
IA-1132	Mossbauer Effect Studies on Kr <sup>83</sup> in Bromide and Bromate Crystals M. Pasternak and T. Sonnino, July 1967..... 22 "
IA-1135	Proton Coupling Modes in Ferroelectric KH <sub>2</sub> PO <sub>4</sub> Type Crystals (Sept. 1967) E. Wiener (Avnear), S. Levin and I. Pelah ..... 31 "
IA-1144	Modern Fast Reactor Cross Section Systems (Nov.'67) S. Yiftah, M. Segev, M. Lemanska and M. Caner ..... 15 + fig 1
AECL-2750	The AECL Study for an Intense Neutron Generator - ING Status Report, July 1967 ..... 196+ 1 tbl.
AWRE 0-63/67	Neutron Cross Section of Copper in the Energy Range 0.0001 eV to 15 MeV - Sources of Data for Files 249 to 251 in the UKAEA Nuclear Data Library : December 1967 S. M. Offord and K. Parker ..... 77 pages
EUR 3454. e	Elastic Scattering of Neutrons from <sup>6</sup> Li H.H. Knitter and M. Coppola..... 6 + 2 tbls+4 figs
ENDF-101 (also BNL-50060)	Evaluation of the Neutron Cross Section of Manganese for the ENDF/B Library: June 1967 T. Stephenson, A. Prince and S. Pearlstein ..... 54 pages
ENDF-109 (also ORNL-TM-1872)	Evaluation of Neutron Cross Sections for Boron-10 D. C. Irving ..... 45 "
ENDF-110	Description of the ENDF/B Processing Codes CHECKER, CRECT, DAMMET, and Retrieval Subroutines edited by Joan Felberbaum, BNL: Sept.'67 .... 213 "