

資料リスト

(1) EANDC Documents List

◎ 「JNDC ニュース」 №1 に既報事項の訂正と補充

- p.3 EANDC-5 T Technical Minutes of the Stockholm Meeting
(4-8 March 1960):
compiled by C.H. Westcott; 13 June, 1960
..... vii + 53 pages
- p.6 -43 U Compilation of EANDC Requests, April 1965
..... ii + ii + 51 pages
- p.23 (UK)-55 S The $^{10}\text{B}(n, \alpha)$ Branching Ratio:
M.G. Sowerby, A.E.R.E., Harwell, Berks.
..... 4 pages + 7 figs. tables
- p.26 (US)-31 U Reports to the AEC Nuclear Cross Sections
Advisory Group: Lawrence Radiation Laboratory,
Oct. 15-16, 1962:
submitted by J.R. Stehn
(INDSWG-1)(WASH-1041) v + 43 pages
- p.27 -40 L Stable Isotope Cross Section Research
Pool Inventory; July 1, 1963 51 pages
- p.27 -44 L Status of Measurements of the Total Cross
Section of Pa-233:
W.H. Burgus and F.B. Simpson, National
Reactor Testing Station, USAEC; October, 1963
..... 3 pages
- p.28 -47 A Informal Notes on USE of on-line Computers
in Physics Research in U. S. A. :
Kent K. Curtis; November 1963 ... 13 pages
- p.28 -52 A Normalization of the Epithermal U^{235} Fission
Cross Section:
W.W. Havens, Jr. and E. Melkonian: January '64
..... 10 pages + 2 figs.

◎ 第9回 EANDC Meeting に提出された文献類

但し EANDC No. の数字が () 内にあるものは未入手。

EANDC

- 50 S Individual Contributions to the International Conference on the Study of Nuclear Structure with Neutrons; Antwerp, July 19 to 23, 1965: editors: M. Neve de Mevergnies, P. Van Assche and J. Vervier, C.E.N.-S.C.K., Mol, Belgium; 1965
Vol. I xvii + 513 pages
Vol. II ii + 532 pages
- 51 A Discussion on the absolute value of $\bar{\nu}$ of Cr^{252} :
N. Starfelt; October 1965 2 pages
- 52 List of Members
- 53 U Supplement No.2 to CINDA '65
- (54) Brussels Meeting on Precision Chemical Analysis
- 55 U Compilation of EANDC Requests;
March 1966 56 pages

EANDC (Can)

- 28 L Canadian Progress Report to the EANDC
May 1965 to March 1966:
compiled by G.C. Hanna; March 1966 i + 12 pages
- 29 L Canadian List of Requests for Measurement:
by G.C. Hanna; March 1966 4 pages
- 30 S Neutron Absorption Cross Section of Gross Fission Products of U^{233} , U^{235} and Pu^{239} :
A. Okazaki, R.W. Durgham and M. Lounsbury, Chalk River.; November 1965
(AECL - 2510) 16 pages

EANDC(E)

- 65 S Cross Sections for the $\text{Cu-63}(n,\alpha)$ Co-60 , $\text{Ni-60}(n,p)$ Co-60 and Some Other Threshold Reactions Using Neutrons from the $\text{Be-9}(\alpha,n)$ C-12 Reaction:

- H. Liskien and A. Paulsen, Central Bureau for Nuclear Measurements, EURATOM, Geel, Belgium 8 pages +
5 tables + 8 figs. + 3 add.
- 66 U Progress Report on Nuclear Data Research in the Euratom Community, 1 January - 12 December, 1965; February 1966 iii + 211 pages
- 67 S Spin Measurement of the 8.8 eV Neutron Resonance in U-235 by Means of the Resonant Scattering Method: F. Poortmans, H. Ceulemans, M. Neve de Mevergnies, S.C.K.-C.E.N., Mol, Belgium; March 1966 5 + ii + 3 figs.
- 68 A Isotopic Standard and Reference Substances for Nuclear Measurements: P.J. de Bievre, J. Spaepen, Central Bureau for Nuclear Measurements, EURATOM, Geel, Belgium; March 1966 i + 23 pages
- 69 S The (n, γ) Cross-Section of Au¹⁹⁷ at 30 and 64 keV Neutron Energy (to be published in Journal of Nuclear Energy) 12 pages
- 70 A Study of Neutron Capture Gamma Rays using Gram Quantities of Separated Ti, Zn or Ge Isotopes: M. Neve de Mevergnies, C.E.N. Mol; April 1966 3 pages
- 71 A Test of Two Be Single Crystals: F. Poortmans, SCK-CEN, Mol; March 1966 2 + 7 fig. pages
- EANDC(OR)
- 43 L Progress Report to EANDC from Danish AEC Research Establishment Risø : H. Bjerrum Moller, Editor; January 1966 ... 22 pages
- 44 L Progress Report to EANDC from Sweden: March 1966: N. Starfelt, AB Atomenergi, Studsvik, Nyköping; March 1966 i + 16 pages

- 45 L Spanish Progress Report to the EANDC:
presented by F. Verdaguer, Junta de Energia Nuclear,
Madrid, Spain;
March 1966 i + 6 pages
- 46 L Progress Report to EANDC from Austria:
P. Weinzierl, Editor; March 1966 i + 21 pages
- 47 L Enriched Isotopes for the Investigation of
Neutron Capture Radiation:
F.P. Viehbock, H. Wotke
Physikinstitut, Reaktorzentrum Seibersdorf,
Osterr. Studienges. f. Atomenergie, G.m.b.H.
..... i + 15 pages
- (48) Swiss Progress Report (delayed)
- 49 L Progress Report to EANDC from Greece:
edited by A. Costikas, N.R.C. Democritus, Athens;
March 1966 i + 4 pages
- 50 L Nuclear and Reactor Physics Activities at the
Çekmece Nuclear Research Center, Turkey;
July 1965-February 1966 i + 4 pages
- 51 L Fast Neutron Scattering Cross Section
Measurements on Fe and Co:
B. Antolković, B. Holmqvist and T. Wiedling,
AB Atomenergi, Studsvik, Nyköping, Sweden
..... i + 6 pages
- 52 L Prompt $\bar{\nu}$ in Neutron induced Fission of Pu²⁴¹:
H. Condé, J. Hansén and M. Holmberg,
Research Institute of National Defense,
Stockholm 80, Sweden (without date) 9 pages

EANDC(UK)

- (59) S Nuclear Physics Division Progress Report for
periods 1st July 1964 to 28th February 1965:
D.L. Allan
- (60) S Mass Spectrometric Measurements of the Ratio of
Thermal Neutron Capture to Fission for ²⁴¹Pu:
M.J. Cabell and M. Wilkins

- 61 L Current Nuclear Data Requirements for the
Reactor Programme in the United Kingdom
March 1966:
A.L. Pope and J.S. Story, General Reactor Physics Div.
A.E.E., Winfrith, Dorchester, Dorset.
(AEEW-M 644) viii + 33 pages
- 62 S Low Energy Neutron Resonance Parameters of ^{238}U :
M. Asghar, C.M. Chaffey and M.C. Moxon
..... 11 + 4 figs.
- 63 S Nuclear Physics Division Progress Report
for the period 1st March 1965 to 31st October '65:
Editor; D.L. Allan, AERE, Harwell, Berks.; 1966
(AERE-PR/NP 9) vi + 54 pages
- 64 S Revision of the Harwell ^{240}Pu Source Strength and
 $\bar{\nu}$ for ^{235}U and ^{252}Cf
P. Fieldhouse, E.R. Culliford and D.S. Mather, Aldermaston
D.W. Colvin, R.I. MacDonald and M.G. Sowerby, Harwell
March 1966 i + 10 + iii
- 65 L Proceedings of the Seminar on the Preparation and
Standardisation of Isotopic Targets and Foils
held at A.E.R.E., Harwell on Oct. 20th and 21st, 1965:
edited by M.L. Smith, Chemistry Division, AERE, Harwell
(AERE-R 5097) v + 175 pages
- 66 S ETA and Neutron Cross Sections of U^{235} from 0.03 to
200 eV:
F.D. Brooks, J.E. Jolly, M.G. Schemberg and M.G. Sowerby;
February 1966 (AERE-M1670) ... i + 8 + 8 fig. tables
- 67 S Mass Spectrometric Measurements of the Ratio of
Neutron Capture to Fission for ^{239}Pu and ^{241}Pu , and
of the Absorption and Capture Cross Sections of
 ^{239}Pu , ^{240}Pu and ^{241}Pu , for Maxwellian Neutrons:
M.J. Cabell and M. Wilkins; February 1966 ... 1 page
- 68 A Nuclear Data Requirements for Fast and Thermal
Reactors:
G.H. Kinchin and R.D. Smith (not for publication)
..... 5 + iii pages

- 69 S Status Report on Measurements of $\nu\sigma_p$ of η and α of ^{239}Pu at 1 March 1966:
F.H. Patrick, N.J. Pattenden, M.G. Schomberg and
M.G. Sowerby, AERE, Harwell i + 3 + 1 fig.
- 70 S Spin Assignments of Low Energy Resonances in ^{239}Pu :
M. Asghar, AERE, Harwell i + 13 + 1 fig.
- 71 S Calibration of the Aldermaston Pu^{240} Spontaneous
Fission Neutron Source:
P. Fieldhouse, E.R. Culliford and D.S. Mather
..... ii + 49 + 10 figs.
- 72 S Measurement of the Fission Cross-Sections of Pu^{239}
and Pu^{241} Relative to that of U^{235} in the neutron energy
range 0.016 eV to 0.55 eV:
P.H. White, J. M.A. Reichelt and G.P. Warner..3 + iv
- Weapons Group, Nuclear Research Division Progress
Report, 1 July 1965 to 31 December 1965: April 1966
(CNR/PR/6) 62 pages
(includ. 3 figs)

EANDC(US)

- 78 U Optical Model Analysis of Elastic and Inelastic
Scattering of Neutrons by Aluminum in the
MeV region:
S.O. Moore, BNL; June 1965
(BNL 927 T-383) ii + 12 pages
- 79 U Reports to the AEC Nuclear Cross Sections
Advisory Group - Meeting at Duke University,
October 13-14, 1965:
compiled by H.T. Motz
(WASH-1064) also (INDC(US)-1) iii + 217 pages
- 80 L Review of Isotopes Target Program
October 1963-December 1964:
E.H. Kobisk, Isotope Division, ORNL...iii + 37 pages
- 81 L Nuclear and Radiation Standards of Importance
to the National Atomic Energy Program:
April 1965 i + 43 pages

- 82 U The Neutron Cross Section of Sodium Below 40 keV:
December 1965
(BNL 961(T-401)) 15 + 2 tables +
5 figs. + lerrata
- 83 L Isotope Inventory:
USAEC, Division of Research; March 1966
..... iii + 53 pages + 6 tables
- (84)U Compilation of Resolutions and Intensities of
Slow Neutron Inelastic Scattering Time-of-Flight
Instruments:
R.M. Brugger and Y.D. Harker (PPC)
(INDC(US)-2)
- (85)U Reports to the AEC Nuclear Cross Sections Advisory
Group - Meeting at Washington, D.C., March 24-25, '66
(WASH-1068) and (INDC(US)-3)
- (86)U Abstracts of Cross Sections Technology Conference
March 22-24, 1966
(WASH-1069) and (INDC(US)-4)
- 87 A Comments on our Capabilities to Provide High
L Purity Isotopes:
W.C. Davis and L.T. Newman 2 pages + 5 tables
- EANDC(J)
- 3 L Japanese Progress Report to EANDC:
March 1966 ii + 28 pages
- 4 S ELIESE-I: A Computer Program for the Calculation of
Elastic and Inelastic Scattering of Particles:
Japanese Nuclear Data Committee; November '65
(JAERI-1096) iii + 87 pages
- 5 S Excitation Cross Sections of the (n, n' r) Reactions
on Fe, Co, Ni, Cu, Zn, Mo, Ag, Cd and Sn:
S. Kikuchi, K. Okano and K. Nishimura; January 1965
(JAERI-1078) ii + 13 pages

(2) INDSWG Documents List

INDSWG NO.

1. Reports to the AEC Nuclear Cross Section Advisory Group:
J.R. Stehn; 1962
(WASH-1041) 5 pages + 43 pages
2. First Biennial Report of the Activities of the European
American Nuclear Data Committee:
R.F.Taschek et al.; 1963: (EANDC-23L) 9 pages
3. Reports to the AEC Nuclear Cross Sections Advisory Group:
J.R. Stehn; 1963
(WASH-1042) (EANDC(US) 38U) 32 pages
4. An Interpretation of the Chalk River Mass Spectrometer
Measurements of α for U^{235} and Pu^{239} : G.C. Hanna; 1963
..... 2 pages
5. Compilation Activities of the IAEA in the Field of Nuclear
Data:
C.H. Westcott, 1963 8 pages
6. Neutron Cross Section for Fast Reactor Materials, Part II:
Tables:
J.J. Schmidt; 1962(EANDC(E)35U) ... 10 pages + 438 pages
- 7.(ET)Measurements of and partial Cross Sections of the Isotopes
 U^{235} and Pu^{239} for Neutrons of Resonance Energy:
K.G. Ignatev et al.; 1963 26 pages
- 8.(ET)Interference Effects in Fission Cross -Section-Phase Analysis:
I.V. Kirhpichnikov et al. (1963) 20 pages
9. Neutron Cross Sections for Fast Reactor Materials, Part: III
Graphs:
J.J. Schmidt; 1962
(KFK 120) 15 pages + 321 pages
10. Compilation of Cross Sections for Some Neutron Induced
Threshold Reactions:
H. Liskien et al.; 1961
(EUR 119e) (EANDC(E) 28L) 136 pages

11. Tables of Cross-Sections of Nuclear Reactions with Neutrons
in the 14-15 MeV Energy Range:
H. Neuert et al.; 1963 6 pages + 167 pages
12. Angular Distribution in Neutron-Induced Reactions(BNL-400)
2nd Edition:
M.D. Goldberg et al.; 1962 (EANDC(US) 40L)
13. Thermal Neutron Absorption and Cross-Section Standards
N.G. Sjostrand et al.; 1960
(AEEW-M57) 3 pages + 42 pages
14. Neutron Cross-Section and Fission Parameters of U²³³, U²³⁵
and Pu²³⁹ at 2200 m/sec:
N.G. Sjostrand et al.; 1961
(AEEW-M125) 5 pages + 57 pages
15. Fission Product Absorption Cross-Section at 2200 m/sec.
Thermal Neutron Absorption and Resonance Integrals:
J.S. Story; 1961
(AEEW-M122) 4 pages + 56 pages
16. Thermal Neutron Absorption and Scattering Cross-Sections of
all Elements:
N.G. Sjostrand et al.; 1962
(AEEW-M197) 4 pages + 19 pages
- 17.(DT)Group Constants for Fast and Intermediate Neutrons for
Nuclear Reactor Calculations:
Abagyan et al. 213 pages
18. Problems of Compiling Nuclear Data:
C.H. Westcott; 1963 116 pages
19. Progress Report from Denmark and Sweden: 1963
..... 33 pages
20. Nuclear Data Measuring Activities in Japan; Nov.'63:
1963 27 pages
21. Nuclear Data Measuring Facilities in Japan; Nov.'63:
1963 3 pages
22. List of Facilities, Nuclear Physics Division, A. E. R. E.
Harwell 9 pages

23. Progress Reports to the U. K. Nuclear Reactor Data Committee
at Harwell:
J.E. Evans; October 1963
(EANDC (UK) 28U) 36 pages
24. The Accurate Measurement of $\bar{\nu}$ by the Boron Pile
D.W. Colvin et al.; 1963
(EANDC (UK) 30U) 16 pages
25. Symposium on the Absolute Determination of Neutron Flux
in the Energy Range 1-100 KeV (10-13 Sept. '63) at St. John's
College, Oxford, United Kingdom: 1963
(EANDC-33U) 171 pages
26. Report on Karlsruhe Meeting on Neutron Physics (in German):
1963 8 pages + 181 pages
27. Canadian Progress Report:
G.C. Hanna, October 1963
(EANDC (Can)-17L) 10 pages
28. The Capture and Fission Resonance Integrals of U²³⁵:
G.C. Hanna et al.; Oct. 1963
(EANDC (Can)-20L) 9 pages
29. Fission Resonance Integrals of U²³³, U²³⁵ and Pu²⁴¹:
C.B. Bigham, 1963
(EANDC (Can)-19L) 7 pages
30. Nuclear Data for U²³⁵ and Pu²³⁹ from the Chalk River Reactor
Physics Handbook:
E. Critoph; Dec. '63 7 pages
31. Nuclear Data Measuring Facilities in India:
1963 23 pages
32. Canadian Nuclear Data Measuring Facilities:
1962 2 pages
33. Crystal Spectrometers at Trombay
January 1964 13 pages
34. Neutron Cross Section Measurements for Nuclear Structure
and Nuclear Energy:
W.W. Havens et al.; November 1963
(EANDC(US) 48A) 59 pages

35. Variations of Fission Frangment Kinetic Energy Distribution and Field or Long Range Alpha Particles in a Resonance Neutron Induced Fission of U^{235} :
G.K. Mehta 147 pages
36. Fast Neutron Cross Section Requirements for Nuclear Energy Application:
H. Goldstein; November 1963 (EANDC(US)49A) 32 pages
37. Report of the NCSAG:
A.B. Smith; 1963
(WASH-1044) (EANDC(US)41U) 103 pages
38. Off-Site Nuclear Cross Section Measurement Program:
Rogosa; October 1963 (EANDC(US)45U) 34 pages
39. U. S. Facilities for Making Low Energy Neutron Cross Section Measurements:
J.A. Harrey; October 1963 (EANDC(US)46U) 21 pages
40. Centre ENEA de Compilation de Donnees Neutroniques:
January 1964 6 pages
41. Nuclear Data Measuring Facilities and Activities in the Institute of Nuclear Research in Swierk(Warsaw) and the Institute of Nuclear Physics in Cracow, Poland:
January 1964 13 pages
42. Current Nuclear Data Requirements for the Reactor Programme in the United Kingdom:
J.S. Story et al.; 1962
(AEEW-M294) (EANDC(UK)20L) 35 pages
- 43-A (in Russian) Nuclear Physical Constants: 1963
..... 507 pages
- 43-B List of Facilities and Reactors Used or Which can be Used for the Determination of Nuclear Data in EANDC Countries: 1960 (EANDC-11) 206 pages
44. Progress Report on Nuclear Data Research in the EURATOM Community: 1963
(EANDC(E)49L) 2 pages + 99 pages

45. List of Facilities Used in the USSR for Measuring Nuclear Physics Constants; 1964 12 pages + 5 pages
46. Reports to AEC Nuclear Cross-Sections Advisory Group, SRL, Jan., 28-30, 1964:
(WASH-1046) (EANDC(US)50U) 3 pages + 123 pages
47. Reports to AEC Nuclear Cross-Sections Advisory Group, Columbia U., June 1964:
(WASH-1048) (EANDC(US)57U) 3 pages + 137 pages
48. Differential Elastic Scattering Data in the MeV Range:
A.B. Smith
(EANDC(US)62) 4 pages + 92 pages
49. Optical Model Analysis of Inelastic Scattering of Neutrons by Heavy Nuclei:
Moore & Auerbach; August 1963
(EANDC(US)51U) 2 pages + 44 pages
50. The Uses and Potentialities of Research Reactors:
Hernert Kouts 11 pages
51. IAEA Secretariat Document on the Document Distribution Position: 1964 2 pages
52. IAEA Document on Compilation Activities and Plans: 1964 6 pages
53. IAEA Document on Standards Activities: 1964 5 pages
54. Second Biennial Report of the Activities of the European American Nuclear Data Committee:
J. Spaepen, R. Batchelor; March 1964
..... 1 pages + 7 pages
55. First Biennial Report of the Activities of the European American Committee on Reactor Physics:
B.I. Spinrad & R.W. Meier; June 1964
(EACRP-U-17) 30 pages
56. Canadian Progress Report to the EANDC:
October 1963 to June 1964 inclusive
G.C. Hanna 1 pages + 11

57. Danish Progress Report to the EANDC:
H. Bjerrum Moller; June 1964 1 page + 26 pages
58. Swedish Progress Report to the EANDC:
N. Starfelt; June 1964
(EANDC(OR) 33) 11 pages
59. The Fission Cross Section of Pu-241 from 0.01 eV to
3 keV:
G.D. James; 1964
(AERE-R 4597) 3 pages + 31 pages
60. Progress Report on Nuclear Data Measuring Activities
in India-1: 1964
(AEET/NP/10) 1 page + 24 pages
61. IAEA Draft of Paper on 2200 m/sec Constants: 1965
..... 60 pages
62. Elastic & Inelastic Neutron Scattering from U²³⁸ in the
Energy Range .075 MeV-1.6MeV:
Barnard et al.; 1964 5 pages + 3 figs
63. Nuclear Data for Reactors, Progress at AERE, July 1963-
December 1963: 1964 2 pages + 16 pages
64. Bulletin of the Information Centre for Nuclear Data, USSR
State Committee on the Utilization of Atomic Energy:
1964 432 pages
64. E English Translation of INDSWG-64: 1964
..... 69 pages
65. Progress Report to EANDC from Austria:
P. Weinzierl; 1964 4 pages
66. Automatic Acquisition and Reduction of Nuclear Data,
Proceedings of an EANDC Conference held at Karlsruhe: 1964
..... 10 pages + 570 pages
67. List of Research Reactors and Critical Facilities: 1964
(EACRP-U-19) 65 pages

68. (in Russian) Institute of Physics & Energy,
Obninsk 7 pages
69. Measurement of Absorption Cross-Section and Resonance
Parameters of Pu²³⁹: 1964 10 pages
70. Radiative Capture Cross-Sections for Fast Neutrons in
In, Re and Ta:
V.N. Kononov and Yu. Ya. Stavisky
USSR State Committee, Obninsk; 1964 5 pages
- 70E (English translation) 2 pages
71. List of Names and Addresses of Specialists Nominated
as Correspondents for Transmitting Nuclear Data and
Documents Concerning Data to and from the IAEA:
January 1965 11 pages
72. Fission of U-238 through the Quadrupole Absorption of
Gamma Quanta:
S.P. Kapitas and M. Yu. Tsipenyuk, USSR Academy of Science,
Moscow with A.S. Soldatov and G.N. Smirenkin, Inst. of
Phys. and Energetics, Obninsk; 1965 6 pages
- 72E (English translation) 6 pages
73. Report of the Panel of Experts to Advise IAEA on Its
Programme of Nuclear Data Compilation: March 29-31, 1965
Vienna (IAEA) 4 pages
74. Nuclear Physics Research carried out at the Institute of
Physics and Energetics in the Second Half of 1964:
ed. by A.I. Abramov, Obninsk; 1965 20 pages
(English translation only)
75. Report and Conclusions of Meeting of Consultants on the
Needs for Measurements of ν :
22 - 24 June 1965, Vienna, IAEA 14 pages
76. Report of a Meeting on Pulsed High Intensity Fission
Neutron Sources
(WASH-1058) (EANDC(US)-74U) 3 pages + 1 table

№77以降は「JNDC ニュース」 №3に続けて掲載する予定です。