

European-American Nuclear Data Committee

Documents List

March 1966

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発行日, ページ数の順にそれぞれ記入してある。Category は以下による。

Category A: Documents concerning internal Committee matters
intended for members of the Committee.

Category L: Technical documents intended for a limited number
of individuals directly concerned with the
measurement of nuclear data. " ... should be
handled as private communication."

Category U: Technical documents of a more important nature of
more general interest, but not necessarily avail-
able for publication.

Category S: Special distribution
なお Document No. のうち()に入れてあるものは、現品がシグマ委員
会にはないものである。

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EANDC Documents

- EANDC

- Conclusions of the Organisational Session,
Saclay, 28 - 29 September, 1959 10 pages
- 1 Draft Schematic Agenda (1st revision) for Meeting
in Stockholm on March 4 - 8, 1960:
Paris, 3rd December, 1959 2 pages
- 1(rev.) Proposed Revised Agenda for Stockholm Meeting 4-8
March, 1960 2 pages

- 2 Propositions de modification des conclusions de la ré-
union d'organisation de Saclay (document du 27 Octobre,
'59): Paris, le 4 decembre 1959 1 page
- 3 Approval of the terms of reference by the Canadian
authorities: Paris, 6th January, 1960 1 page
- (4) List of Current Experimental Neutron Cross-Section
Discrepancies: edited by H.Goldstein, draft version,
25 Feb., '60
- 5 A Complete Minutes of the Stockholm Meeting, March 4 - 8,
'60: compiled by C.H.Westcott, AECL, 13 June, 1960
..... viii 63 pages
- 6 L Distribution of EANDC documents: compiled by C.H.
Westcott and R.P.Perret, Paris, 18 May, 1960
..... 18 pages
- U (revision) of the above, November 1961 28 pages
- 7 U Report of EANDC Working Group on lists of facilities:
compiled by R.P.Perret, ENEA, Paris, 14 June, 1960
..... 11 pages
- (8) (prov.) Provisional Agenda for Second Meeting
- 9 U A List of Current Experimental Neutron Cross Section
Discrepancies: edited by H.Goldstein, August 19, 1960
..... 14 pages
- 10 T Technical Minutes of the Second Meeting, 15-18 Nov.,
'60, Oak Ridge, Tennessee, compiled by C.H.Westcott,
March '61 vii+50 pages
- A Complete Minutes of the Second Meeting
..... vii+59 pages
- 11 U List of Facilities and Reactors used or Which can be
used for the determination of Nuclear Data in FANDC
Countries: compiled by R.P.Perret, ENEA, July '60,
August '62 and October '63 (INDSWG-43B)(Suppl.1, '65:
INDSWG-112) 98 sheets
- 12 U Recommended Definitions for Resonance Integral Cross-
Sections: H.Goldstein, J.A.Harvey, J.S.Story and C.H.
Westcott, October 1961 (W.4131) i+8 pages

- 13 U Compilation of EANDC Priority I Request: R.Joly
 and R.P.Perret, June 1961 11 pages
- 14 A Complete Minutes of the Third Meeting, 18-21 July,
 '61, AERE, Harwell; compiled by C.H.Westcott, AECL,
 Oct. '61. x+94 pages
- 15 A Design Proposal for D₂O Lattice Spectrum Measure-
 ments at Risø; E.Johnsson and E.Jonsson, A.B.
 Atomenergi, Sweden and H.Neltrup, AEK, Risø and
 C.H.Westcott, AECL, Oct. '61 27 pages +
 9 figs.
- 16 L Formation of Neutron Beams with Special Properties:
 K.H.Beckurts, P.A.Egelstaff, H.Goldstein and N.G.
 Sjostrand, January 1962 i + 15 pages
- 17 L Compilation of EANDC Priority I Requests: R.Joly
 and R.P.Perret, February 1962 12 pages
- 18 L Compilation of EANDC Priority II Requests: R.P.
 Perret and R.A.Selby, March 1962 23 pages
- 19 L Compilation of EANDC Priority III Requests: R.P.
 Perret and R.A.Selby 27 pages
- 20 L Design Proposal for D₂O Lattice Spectrum Measure-
 ments at Risø: E.Johansson and E.Jonsson, N.
 Neltrup and C.H.Westcott, April 1962
 22 pages + i + 9 figs.
- 21 A Complete Minutes of the Fourth Meeting of the
 Committee: compiled by R.Batchelor, ANRE,
 Aldermaston, August 1962 vii + 73 pages
- U(T) Technical Minutes of the Fourth Meeting of the
 Committee; 5-6 April '62 at CNEA, Casaccia, Italy
 and 9-10 April, 1962 at Euratom, Ispra, Italy:
 compiled by R.Batchelor iv + 47 pages
- (22)L Study of Cold Neutron Sources: August 1962
- 23 L First Biennial Report of the Activities of EANDC:
 R.F.Taschek and C.H.Westcott, February 1963
 (INDSWG-2) i + 18 pages

- 24 S Compilation of Nuclear Data for Reactor Calculations:
 (First Report of the EANDC European Compilations
 Study Group) December 1962 35 pages
- (25)L Compilation of EANDC Priority I Requests,
 January 1963
- (26)L Compilation of EANDC Priority II Requests,
 January 1963
- (27)L Compilation of EANDC Priority III Requests,
 January 1963
- 28 A Complete Minutes of the Fifth Meeting of the Com-
 mittee: compiled by R. Batchelor, May 1963
 viii + 78 pages
- L Technical Minutes of the Fifth Meeting of the Com-
 mittee: compiled by R. Batchelor (held at Chalk
 River, on 4-8 Feb., '63) 2 + ii + 43 pages
- 29 U Distribution of Committee Documents, May 1963
 48 sheets
 (revision), October 1964 17 sheets
- 30 A List of Members, June 1963 2 pages
- 31 A Cumulative List of EANDC Documents for September
 1959 - February 1963, June 1963 14 pages
 Cumulative List of EANDC Document for March -
 November '63 5 pages
- 32 S Minutes of the Second Meeting of the EANDC Compi-
 lations Study Group (held in Brussels on 9 - 13,
 September, '63): M.F. James, October 1963 (W5991)
 vi + 38 pages
- 33 U Symposium on the Absolute Determination of Neutron
 Flux in the Energy Range 1-100 KeV (held at St.
 John's College, Oxford, U.K. on 10-13 September,
 1963) 171 pages
 (INDSWG-25)
- 34 A Sample Requests, October 1963 20 pages

- 35 L Technical Minutes of the Sixth Meeting of the Committee, held in Athens, Greece on 11-15 November 1963: compiled by R.Batchelor 2+ii+32 pages
- A Complete Minutes of the Sixth Meeting of the Committee: compiled by R.Batchelor, March 1963
..... x + 62 pages
- 36 A Complete Minutes of the Seventh Meeting of the Committee, held at Karlsruhe, F.R. of Germany on 20-24 July, 1964: compiled by R.Batchelor, November 1963
..... ix + 80 pages
- 37 L $\bar{\nu}$ -Measurements; Present Status and Recommendations for Future Experiments: reported by N. Starfelt, April 1964
..... 2 pages
- 38 L Compilation of EANDC Requests, June 1964
..... v + 63 pages
- 39 L Second Biennial Report of the Activities of EANDC: J.Spaepen and R.Batchelor, March 1964 ... 16 pages
- 40 A Cumulative List of EANDC Documents for September 1959 - July 1964: November 1964 20 pages
- 41 A List of Members; November 1964 i + 2 pages
- (42)S Round Table on High Precision Chemical Analysis of Substances of Interest to Nuclear Energy, Jan. 18-22, '65
- 43 U Compilation of EANDC Requests, April 1963
..... ii + 51 pages
- 44 U International Conference on the Study of Nuclear Structure with Neutrons, Antwerp, 19-23 July, 1965 (abstracts): April 26, 1965 (INDSWG-109)
..... 41 pages
- 45 U Compilation of EANDC Priority I Requests, May 1965
..... iii+20 pages
- 46 U CINDA'65
- (47)

48 U Distribution of Committee Documents: ENEA, Oct. '65
.....ii + 59 pages

49 U CINDA Supplement 1 : Columbia Univ. and ENEA
Neutron Data Compilation Centre, October 15, 1965

EANDC Documents

- Canada

- 1 Canadian Information for EANDC (Meeting of 4-8 March, '60): compiled by C.H.Westcott, February 10, 1960
..... i + 9 pages
- 2 Canadian Comments on the Scope of EANDC: Feb. 12, '60
..... 1 page
- 3 Yields and Effective Cross Sections of Fission Products and Pseudo-fission-products: S.H.Walker and S.A. Kushneriuk, AECL, March 1960 (AECL-1054)(CRRP-913) 63 pages
- 4 Effective Cross Section Values for Well-Moderated Thermal Reactor Spectra (3rd Ed. corrected): C.H. Westcott ii + 37 pages (AECL-1101)(CRRP-960)
- 5 A Survey of Published Values of $\bar{\nu}$ in the Fast Fission of U-238: G.C.Hanna, June 1960 (AECL-1056)(CRRP-936) i + 5 pages
- 6 A Review of Measurements of the Fission Cross Section of U-235: G.C.Hanna, July 1960 (AECL-873)(TNCC-24) i + 4 pages
- 7 L Canadian Requests for Measurements: November 4, 1960
..... 1 page
- (8) Infinite Dilution Resonance Integrals
- 9 L Canadian Progress Report and List of Requests for Measurements: compiled by C.H.Westcott, June 1961 (TNCC(Can)-31) i + 9 pages

- 10 L Elastic and Inelastic Scattering of 14-MeV Neutrons from Carbon, Magnesium and Sulfur: R.L.Clarke, W.G. Cross, AECL, May 1961 11 pages + 10 figs.
(TNCC(can)-32)
- 11 L The Ratio of Neutron Capture to Fission in U-235: R.W.Jones, M.Lounsbury, R.G.Hart and G.C.Hanna, May 1961
(TNCC(Can)-33) 1 fig +8 tables+9 pages
- 12 L The Scattering Law for Light and Heavy Water at 20°C and 150°C: B.C.Haywood and I.M.Thorson, AECL, Chalk River, March 1962 10 figs + 16 pages
- 13 L Fast Neutron Cross Sections: J.P.Butler and D.C. Santry (I part)
The Ratio of Neutron Capture to Fission in U-235: R.W.Jones, R.G.Hart, C.B.Bigham and G.C.Hanna(II part), 20 Mar. '62 i + 62 pages
- 14 L Canadian List of Requests for Measurement ("Background" Report): C.H.Westcott, November 1962
..... i + 32 pages
- 15 L Notes on the Thermal Neutron Data for U-235 and Pu-239: G.C.Hanna, November 1962 6 pages
- 16 L Progress Report (April 1962 to January 1963): compiled by C.H.Westcott, 23 January, 1963
..... i + 8 pages
- 17 L Progress Report (January 1963 to September 1963): compiled by G.C.Hanna, 1 October, 1963
(INDSWG-27) i + 2 figs + 6 pages
- 18 L Request List: G.C.Hanna, October 1, 1963
..... i + 3 pages
- 19 L Fission Resonance Integrals of U-233, U-235, Pu-239 and Pu-241: C.B.Bigham (without date)
(INDSWG-29) 4 pages + 1 table
- 20 L The Capture and Fission Resonance Integrals of U-235: G.C.Hanna and W.H.Walker, October 1963i+7 pages
(INDSWG-28)

- 21 L Progress Report: compiled by G.C.Hanna, 7 July, 1964
.....10 pages + 1 graph
- 22 L Request List: G.C.Hanna, July 7, 1964 4 pages
- 23 L Progress Report: G.C.Hanna 11 pages + 2 tables
(INDSWG-95)
- 24 L Request List: G.C.Hanna, April 29, 1965
..... ii + 2 pages
- 25 S A Determination of the Ratio of Capture to Fission
Cross Sections of U-235: A Okazaki, M. Lounsbury,
R.W.Durham and I.H.Crocker, AECL, April 1964
(AECL-1965) i + 9 pages + 4 add.
- 26 S A Determination of the Ratio of Capture to Fission
Cross Section of U-233: A. Okazaki, M. Lounsbury and
R.W. Durham, AECL, December 1964
(AECL-2148) i + 11 pages + 2 figs.
- 27 S Fission Data and Nuclear Technology: G.C.Hanna
(without date)
(AECL-2168)(SM60/50) 17 pages

EANDC Documents List

- Euratom

- (1) Neutron Measurement Facilities and Programmes in Euratom Countries
- (2) Additional Proposals about Definition of Scope of the European-American Nuclear Data Committee
- (3) List of Wanted Nuclear Data
- (4) Scope and Equipment of the Central Bureau of Nuclear Measurements (Euratom Common Research Centre)
- (5) Needs of Substances for Measurements in Euratom Countries
- (6) Insufficiency and Inconsistency of Data Needed for Fast Reactor Calculation

- 7 Needs of Substances for Measurements in Euratom Countries - addendum to EANDC(E)-5: March 3, 1960
..... 2 pages
- 8 U • Standards for Neutron Measurements Available in the Countries Represented at the EANDC (without date)
..... 52 sheets
- 9 L Nuclear Data Needs for Fast and Intermediate Reactor Calculations: J.J. Schmidt, October 14, 1960
..... 12 pages
- 10 U Measurement of Thermal Absorption and Scattering Cross Sections of Natural Neon: R.Genin, H.Beil, R.Joly, M. Ribrag, Saclay, France (without date)
..... 3 pages + 1 fig.
- 11 U The Absorption Cross-Section of Neon for Slow Neutrons: W.Wiedemann and T.Springer, Laboratorium für Technische Physik der Technischen Hochschule (without date)
..... 1 page
- (12) Request for Precise Data on Activation Cross-Section of Threshold Detectors
- (13) Request of U-238 Sample
- 14 Effective Cross-Sections for Thermal Reactors-submitted to Oak-ridge Meeting held on November 14, 1960: J.Horowitz and O.Tretiakoff 26 pages + 16 figs.
- 15 L List of Some Nuclear Data Requirements in Euratom Countries: October 1960
..... 1 page
- (16) Fission Cross-Section of U-235 at 0.0253 eV, etc.
- 17 Neutron Cross Sections and Fission Parameters of Pu-240, Pu-241, and Pu-242: (without date)
..... 1 page
- 18 U A Survey of Neutron Cross-Section Values for the ${}^6\text{Li}(n, \alpha){}^3\text{H}$ Reaction: C.Beets and G.Gierts, CEN, Belgium, April 1961
..... 4 pages + 1 fig.

- 19 U Measurement of the Capture Cross Section of Gaseous Neon: J.C.Carre, M.Robin and R.Vidal: CEA, France, April 1961 4 pages
- 20 L Compilation of Requests for Nuclear Cross Section Measurements from Euratom Countries: submitted by J.Spaepen, May 1961 20 pages
- 21 U Nuclear Data Needs for Fast and Intermediate Reactor Calculations: J.J.Schmidt, June 14, 1961 26 pages
- 22 A On the Measurement of D₂O Lattice Spectra by the Time-of-Flight Method: K.G.Beckurts et al., July 12, 1961 10 pages + 3 figs.
- 23 L Progress Report on Nuclear Data Research in the EURATOM Community: submitted by J. Spaepen, 15 June, 1961 15 pages
- 24 U Establishment of Precise Standards for Isotopic Analysis of Stable and Fissile Isotopes: J. Spaepen, May 22, '61 5 pages + 5 add.
- (25) Euratom Request List for Samples
- 26 L TNCC Fission Foil Exchange Scheme Proposed Specifications for U²³⁵-foils: A.Prodocimi, BCMN, Euratom, 12 May '61 3 pages + 1 fig.
- 27 L Installation at the Central Bureau for Nuclear Measurements, Euratom, Geel, Belgium, of a Central Laboratory for the Development, Fabrication and Distribution of Foils, Targets and Other Samples for Nuclear Measurements: J.Spaepen, 12 June, 1961 9 pages + 6 append.
- 28 L Compilation of Cross-sections for Some Neutron Induced Threshold Reactions: H.Liskien and A.Paulsen, Nov. '61 (EUR-119e)(INDSWG-10) 1 page
- 29 L Compilation of Requests for Nuclear Cross Section Measurements from Euratom Countries: submitted by J.Spaepen, March 1962 16 pages

- 41 A Measurement, Planned in the Euratom Community on Fissile Nuclei, for which no Samples are Presently Available in the Community and Lists of Samples Needed: January 1963 6 pages
- (42)U Analysis of the Resonance Integral of Zirconium: Jan. 1963
- 43 L Compilation of Request for Nuclear Cross Section Measurements from Euratom Community: submitted by J.Spaepen, Jan. '63 23 pages
- 44 L Comments on Study of the Sensitivity of Fast Reactor Calculations to Uncertainties in Nuclear Data: E.Clementel, Comitato Nazionale per l'Energia Nucleare, Centro de Calcolo, Bologna, Jan.'63 6 pages
- 45 L Reactivity Effects due to Variations in Nuclear Parameters in a Thermal Power Reactor: G.Casini and M.Paillon, Joint Nuclear Research Center, Ispra Establishment-Italy, 1963. 14 pages + 7 figs. (EUR 281.e)
- 46 L Influence of Nuclear Data Uncertainties on the Theoretical Prediction of Doppler Coefficients in Fast and Intermediate Reactors: J.J.Schmidt (without date) 44 pages + 2 figs.
- 47 L Compilation of Requests for Nuclear Cross Section Measurements from Euratom Countries: submitted by J.Spaepen, July 1963 29 pages
- 48 A Minutes of A Meeting on Isotope Supply and Sample Preparation, Held at the Central Bureau for Nuclear Measurements, Euratom, Geel, Belgium from August 6 - 8, 1963: J.Spaepen i + 73 pages
- 49 L Progress Report on Nuclear Data Research in the Euratom Community: submitted by J.Spaepen, October 1963 97 pages + 21 figs. (INDSWG-44)
- (50)L Status Report on Cross-Section Measurements of Neutron induced Threshold Reactions: May 1964

- 51 L Accuracy needed for Cross-Sections of Neutron Induced Threshold Reactions of Interest for In-Pile Flux Integration and Spectrum Measurements: P.Delattre, J.Comera, R.Diercks, H.Kapulla, W.Kohler and W.L. Zijp, June '64 i + 58 pp. + 5 figs.
- (52)S Cross Sections for Reactions $\text{Cu}^{63}(n, \gamma)\text{Co}^{60}$, $\text{Ni}^{60}(n, p)\text{Co}^{60}$, $\text{Ti}^{46}(n, p)\text{Sc}^{46}$, and $\text{Na}^{23}(n, 2n)\text{Na}^{22}$: Liskien and Paulsen
- (53)S Karlsruhe Meeting: Beckurts
- (54)S Mesure de la section efficace de capture du Sodium pour des neutrons d'Energie comprise entre 10 keV et 100 keV: Leroy
- 55 L Eine Messung des isomeren Aufspaltverhältnisses bei Aktivierung in den ersten 3 Indium-Resonanzen: Albold, and P.V.Blankenhagen, Karlsruhe, Dezember 1964 (KFK-265) 11 pages
- (56)S Excitation Functions of the Reactions $\text{Ni}^{58}(n, 2n)\text{Ni}^{57}$, $\text{Cu}^{65}(n, 2n)\text{Cu}^{64}$ and $\text{Zn}^{64}(n, 2n)$ in the Energy Range between 12.5 and 19.6 MeV: A.Paulsen and H.Liskien
- 57 U Progress Report on Nuclear Data Research in the Euratom Community for the period 1.7.63 to 31.12.64: Feb. '65 3 + 190 pages
- 58 U Compilation of Requests for Neutron Data from Euratom Countries: March 1965 40 pages
- (59)S Test Equipment for Accurate Determination of Time Relations and its Use for the Measurement of the Timing Accuracy and the Calibration of Fast Photo-multipliers: H.Meyer and H.Verelst (EUR 2247.e)
- (60)S The Correction for Foil Absorption in 4π Counting: W.Van der Eijk (EUR 2248.e)
- (61)S Cross Sections for the Reactions $^{55}\text{Mn}(n, 2n)^{54}\text{Mn}$, $^{59}\text{Co}(n, 2n)^{58}\text{Co}$, $^{24}\text{Mg}(n, p)^{24}\text{Na}$, and $^{27}\text{Al}(n, \alpha)^{24}\text{Na}$ in the 12.6 to 19.6 MeV Energy Region: A.Paulsen and H.Liskien

- 62 S Two Compact, High-Intensity Pulsed Neutron Sources:
W.Eyrich and A.Schmidt, Mai 1965
(KFK 304) (SM 62/4) 17 pages + 9 figs.
- (63)S Progress Report in the Field of Neutron Data:
G.DeConninck and DeVroey
- 64 S Test of a Be Single Crystal: F.Poortmans and E.
Legrand, S.C.K., C.E.N., Mol, May 5, 1965
..... 4 pages + 9 figs.

EANDC Documents List

- Other OECD Countries

- 1 Facilities Used, or Which Could be Used, for the
Determination of Nuclear Data, in Austria, Denmark,
Greece, Norway, Portugal, Spain, Sweden Switzerland
and Turkey: Paris, 15th February, 1960 ... 19 pages.
- 2 Research Reactors Used, or Which Could be Used, for
the Determination of Nuclear Data, in Austria,
Denmark, Greece, Norway, Portugal, Spain, Sweden,
Switzerland and Turkey: Paris, 15th February, 1960
.....22 sheets
- 3 Preliminary Research Programme at IFA for Measure-
ments of Nuclear Data Pertinent to Reactor Design:
Feb. '60 7 pages
- 4 Nuclear Data Requirements for the Reactor Programmes
of Sweden and Switzerland: 16th February, 1960
..... 2 pages
- 5 Needs of Materials for Special Measurements in
Sweden: 16th February, 1960 1 page
- 6 Distribution of EANDC Documents in Austria, Denmark,
Greece, Iceland, Ireland, Norway, Portugal, Spain,
Sweden, Switzerland, Turkey and ENEA: 29th Feb. '60
..... 6 pages

- (7)
- 8 A Note on Collaboration in the Field of Reactor Physics:
Risø, 28th June, 19601 page
- (9) List of Facilities Used, or Which Can be Used, for
the Determination of Nuclear Data in OR Countries
(not yet published, to be incorporated in EANDC-11)
- 10 L List of Nuclear Data Requirements in Denmark and
Switzerland: 11th October, 19604 pages
- 11 U The Design of the Electromagnetic Isotope Separator
of the SGAE, presented at the Symposium on "Electro-
magnetic Separation of Radioactive Isotopes", Vienna,
23-25 May, 1960: F.Viehböck, Österreichische
Studiengesellschaft für Atomenergie Ges.m.b.H.,
Vienna 5 pages + 6 figs.
- 12 U Measurement of $\bar{\nu}$ in Fast Neutron Fission of Th-232
and U-238: H.Condé and N.Starfelt, Swedish Research
Institute of National Defense, March 1961
..... 22 pages
- 13 A Proposals for Sponsored Measurements in Certain
European Countries: L.Kowarski and R.P.Perret,
ENEA, May 1961 17 pages + 3 figs.
- (14)
- 15 U A Study of the Resonance Integral of Zirconium:
E.Hellstrand, G.Lindahl, G.Lunagren, A.B.Atomenergi,
Stockholm, Sweden, June 1961
..... 4 pages + 1 fig.
- 16 L List of Requests from Denmark and Sweden: July '61
..... 3 pages
- 17 A Status of Proposed Chopper Measurements of Neutron
Spectra: N.G.Sjöstrand, A.B.Atomenergi, Sweden,
July '613 pages
- (18)L Progress in Nuclear Data Measurements in Sweden
- 19 L Collected Progress Reports to EANDC from Austria,
Greece, Sweden and Switzerland: January 1963
.....i + 25 pages

- 20 U Inherent Uncertainties in Calculated Uranium
Resonance Integrals: R.Vernon, Federal Institute for
Reactor Research, Wurenlingen, Switzerland, February
1963 10 pages
- 21 U Slow Neutron Cross Sections for He³, B and Au: J.Ais-
Nielsen and O.Diretrich, July 1963
(Risø Report No.61) 13 pages + 3 figs.
- 22 U Progress Report to EANDC from Danish AEC Research
Establishment, Risø for the Period until Sept. '63,
O.Kofoed-Hansen, Editor, Sept., 1963
..... i + 31 pages
- 23 L Progress Report to EANDC from Sweden: August 1963
(Nos.22 and 23; summarized: INDSWG-19) 10 pages
- 24 L The Use of Electromagnetic Mass-Separation for Cross
Section Measurements in Continental Europe: P.
Weinzierl and F.P.Viehbock, Vienna, Jan. 1964
..... 13 pages + 1 fig. + 1 table
- 25 L Progress in Nuclear Data Activities in Austria since
Autumn 1962: P.Weinzierl, September 1963
..... i + 3 pages
- 26 U Investigations on the Effect of a Split Reactor -
Core on the Purity of Thermal Neutron Beams: M.Tisljar
and F.Woloch, SGAE, Reactor Center Seibersdoff,
Austria 11 pages + 2 figs.
- 27 A Messung der F¹⁸ Aktivierung im Kern eines
wassergekühlten Reaktors, January 1962 4 pages
- 28 A Progress Report to EANDC from Norway: October 1963
..... 3 pages
- 29 L Progress Report to EANDC from Switzerland: R.W.Meier,
Editor, November 1963 i + 6 pages + 3 figs.
- 30 L Progress Report to EANDC from Austria, P.Weinzierl,
Editor, June 1964 i + 4 pages

- 31 L Measurement of Prompt $\bar{\nu}$ in Fast Neutron Fission of U-238 induced by Neutrons from 1.5 to 15 MeV: I. Asplund-Nilsson, H. Condé and N. Starfelt, Stockholm, April 1964 26 pages
- 32 L Progress Report to EANDC from Danish AEC Research Establishment Risø for the Period until June 1964: H.B. Møller, Editor, June 1964 i + 26 pages
- 33 L Progress Report to EANDC from Swden: N. Starfelt, Editor, June 1964 11 pages
- 34 L A Relative Measurement of the $\text{Li}^6(n,\alpha)\text{H}^3$ Reaction Cross Section in the Range $1 < E < 600$ keV: S. Schwarz, L.G. Stromberg and A. Bergstrom, ⁿSeptember 1964 (FOA 4 Report, A 4393-411) 29 pages
- 35 L Progress Report to EANDC from Danish AEC Research Establishment Risø: H. Bjerrum Møller, Editor, April 1965 (INDSWG-98) 24 pages
- 36 L Progress Report to EANDC from Sweden: N. Starfelt, April '65 (INDSWG-82) i + 15 pages
- 37 L Spanish Progress Report to the EANDC: April '65 (INDSWG-99) 15 pages
- 38 L Progress Report to EANDC from Austria: P. Weinzierl, Editor April 1965 (INDSWG-104) i + 4 pages
- (39)L Progress Report on Nuclear Data Measurements in Norway
- 40 L Progress Report to EANDC from Switzerland: R.W. Meier, Swiss Federal Institute for Reactor Research, Würenlingen, April 1965 (INDSWG-106) i + 8 pages + 7 figs.
- 41 L Nuclear and Neutron Physics Activities at the N.R.C. Democritus, Greece - Progress Report, May 1965 i + 3 pages
- 42 L Compilation of Requests from Sweden and Switzerland: September 1965 i + 2 pages

EANDC Documents List

- U. K.

- 1 The Treatment of Thermal Neutron Scattering Law Data:
P.A.Egelstaff, AERE, Harwell, 1960
(TNCC-62, revised) ii + 30 pages + 5 figs.
- (2) UK Reports of Interest to the European-American Nuclear
Data Committee
- 3 Precision Measurements of ν by the Boron Pile: D.W.
Colvin and M.G.Sowerby, AERE, Harwell, June 1960
(HL 60/3145) i + 6 pages + 4 figs.
- 4 Research Reactors Used or Which could be Used for the
Determination of Nuclear Data in the United Kingdom
- (5) Report of the Nuclear and Integral Data Working Party
on Data Requirements for the Reactor Programme Nuclear
Data
- (6) Interim List of UK Nuclear Cross-Section Data
Requirements
- (7) Harwell Pile Oscillator Measurements on the Relative
Neutron Yields of Uranium-233, Uranium-235, and
Plutonium-239
- (8) Proposal to hold a Symposium on the Technique of the
Time-of-Flight Methods Suitable for Neutron Physics
Research:
- 9 L On the Nomenclature for Resonance Integrals of Very
Dilute Materials: J.S.Story (without date)
..... 4 pages
- 10 U Progress Reports to the U.K. Nuclear Reactor Data Com-
mittee, A.E.R.E., Harwell; A.T.G.Ferguson, Editor,
9th May, 1961 (NRDC 135) ii + 18 pages + 6 figs.
- (11) The Programme of the National Physical Laboratory in
the Radiological and Nuclear Energy Fields
- (12) Suggestion for Neutron Beam Source Experiments to be
Sponsored by EANDC

- 13 L Current Nuclear Data Requirements for the Reactor Programme in the United Kingdom: J.S.Story, A.L.Pope and E.P.Barrington, March 1962 i + 29 pages
- 14 U Thermal Cross-Section and Resonance Absorption Integral of Pu-240: R.B.Tattersall, A.E.E., Winfrith, Dorset. (AEEW-R 115)12 pages + 2 figs.
- 15 U Progress Reports to the U.K. Nuclear Reactor Data Committee, A.E.R.E., Harwell: A.T.G.Ferguson, Editor, January 1962, (NRDC 137 and HL 62/1260) iii + 30 pages + 13 figs.
- (16)L Nuclear Data for Thermal Reactors: February 1962
- 17 L Derivation of the Nuclear Cross-Section Requirements for Fast Reactor Calculations: J.L.Rowlands, March 1962 (AEEW-M 210) ii + 5 pages + 3 appdx.
- 18 L Fast Neutron Interactions with U^{238} : R.Batchelor, AWRE, Aldermaston and A.T.G. Ferguson, AERE, Harwell (without date) 4 pages
- (19)L Standard Cross-Section for Neutron Flux Measurements between 10 keV and 100 keV: 1962
- 20 L Current Nuclear Data Requirements for the Reactor Programme in the United Kingdom: J.S.Story, A.L.Pope and E.P.Barrington, A.E.E., Winfrith, Dorset., December 1962 (AEEW-M 294)(INDSWG-42) iv + 29 pages
- 21 U Progress Reports to the U.K.Nuclear Reactor Data Committee: J.E.Evans, Editor, January 1963 (NRDC 138) iv + 27 pages + 14 figs.
- 22 L Intercomparison of Foils of Fissile Nuclides: P.H. White, AWRE, Aldermaston and J.L.Perkin, AWRE, Aldermaston (without date)15 pages
- (23)U Resonance Parameters of the Neutron Cross-Section of U^{238} : October 1962
- 24 L Mass Spectrometer and Isotope Separator Facilities at AWRE: N.R.Daly, AWRE, Aldermaston (without date) 4 pages

- 25 L Mass Spectrometer and Isotope Separator Facilities
at A.E.R.E.: R.W.McIlroy, March 1964
(HL. 64/1513) 2 pages
- 26 U A Review of Evaluations of Neutron Cross Sections
Available at September 1963: K.Parker, September
196323 pages
- (27)U The Ratio of Thermal Neutron Capture to Fission for
²³⁹Pu: 1962
- 28 U Progress Reports to the U.K. Nuclear Reactor Data
Committee: J.E.Evans, Editor, October 1963
(NRDC 139)(INDSWG-23) iii + 25 pages + 8 figs.
- (29)A Proposed International Punched Card/Magnetic Tape
Format for Evaluated Nuclear Cross-Section Data:
October 1963
- 30 U The Accurate Measurement of $\bar{\nu}$ by the Boron Pile:
D.W.Colvin and M.G.Sowerby, 1963
(INDSWG-24) 13 pages + 1 fig.
- 31 A Provision of Separated Isotopes for Nuclear Data
Measurements of Interest for Reactor Calculations:
E.Bretscher, 6th November 1963
(HL 64/954) i + 1 page.
- (32)
- 33 A The Role of the E.A.N.D.C. in Evaluation: R.Batchelor,
'64 2 pages
- 34 L Neutron Data at AWRE Aldermaston Progress Report to
the EANDC - October 1963 to May 1964)
..... ii + 10 pages
- 35 L Nuclear Data for Reactors Progress at A.E.R.E. for
the Period 1st July 1963 to 31st December 1963: D.L.
Allan, Editor, AERE, Harwell, 1964 ... ii + 16 pages
- (36)U The Calculation of Neutron Cross Sections from the
Non-Local Optical Model: D.Wilmore
(AERE-R 4649)

- (37)L The Average Neutron Total Cross Section of U235 from 0.1 to 70 keV: C.A.Uttley (AERE M 1272)
- 38 L The Thermal Neutron Capture Cross Section of a Natural Boron: S.A.R.Wynchank, A.E.Cox and C.H.Collie, Nucl. Phys. Lab., Univ. of Oxford (without date) ii + 13 pages + 1 fig.
- (39)L Interim Summary of Harwell Measurements of Radiation Widths of Thorium Resonances: E.R.Rae
- 40 L The Neutron Total Cross-Section of Pu-239 from 0.040 to 100 keV: C.A.Uttley, AERE, Harwell, June 1964 (HL 64/3494) i + 5 pages + 4 figs.
- 41 L A Search for Fission Components in Pu-240 Neutron Resonances: F.D.Brooks and J.E.Jolly, AERE, Harwell, June 1964 (HL 64/3528) i + 6 pages + 1 fig.
- 42 L ETA and Neutron Cross Sections of U-235 from 0.04 eV to 200 eV: F.D.Brooks, June 1964 (HL 64/3527) 8 + 8 pages + 1 fig.
- L Amendment No.1 of the above: F.D.Brooks, 3rd May 1965 1 + 1 table
- 43 U Services Available from the Electromagnetic Separation Group at A.E.R.E. Harwell: M.D.Smith, AERE, Harwell, June 1964 (HL 64/4629) i + 1 page
- 44 L Catalogue of Electromagnetically Enriched Isotopes and Targets Separated at AERE Harwell: Chemistry Division, Harwell, April 1964 (HL 64/2044) ii + 19 pages
- 45 L Elastic and Inelastic Neutron Scattering from U-238 in the Energy Range 0.075 MeV - 1.6 MeV: E.Barnard, A.T.G.Ferguson, R.McMurray and I.J.Van Heerden, October 1964 (HL 64/5883) ii + 7 pages
- (46)S A Neutron Scattering Study of Fe⁵⁶: W.B.Gilboy and J.H.Towle

- (47) S The Absolute Fission Cross Section of U^{235} for 2200 m/sec Neutrons: E.E.Maslin, J.A.Moore, J.M.A. Reichelt and J.B.Crowden
- (48) S Neutron Interactions with U^{238} and Th^{232} in the Energy Region 1.6 MeV to 7 MeV: R.Batchelor, W.B. Gilboy and J.H.Towle
- (49) S Measure of Prompt $\bar{\nu}$ for the Neutron-Induced Fission of Th^{232} , U^{233} , U^{234} , U^{238} and Pu^{239} : D.S.Mather, P.Fieldhouse and A.Moat
- (50) S The Fission Cross Sections of U^{233} , U^{234} , U^{235} , U^{236} , Np^{237} , Pu^{239} , Pu^{240} and Pu^{241} for 24 keV Neutrons: J.L. Perkin, P.H.White, P.Fieldhouse, E.J.Axton, P.Cross and J.C.Robertson
- (51) S Measurements of the ^{235}U Neutron Fission Cross Section in the Energy Range 0.04 MeV to 14 MeV: P.H.White
- 52 S Boron Pile $\bar{\nu}$ Measurements: D.W.Colvin and M.G.Sowerby, AERE, Harwell, February 1965 (SM-60/44) 18 pages + 2 drawings
- (53) S Measurements of Fission Cross Sections for Neutrons of Energies in the Range 40-500 keV: P.H.White, J.G. Hodgkinson and G.J.Wall
- 54 S Nuclear Physics Division Progress Report for Period 1st January 1964 to 30th June 1964: D.L.Allan, Editor, (AERE-PR/NP7)(INDSWG-107) 51 pages
- (55) S The $^{10}B(n,\alpha)$ Branching Ratio: M.G.Sowerby
- (56) S The Neutron Confliction of Thorium and the Analysis of the Resonances up to 1 keV: M.Asghar, C.M.Chaffey, M.C.Moxon, M.J.Pattenden, E.R.Rae and C.A.Uttley
- (57) S Neutron Scattering Studies of K^{39} : J.H.Towle
- 58 A Stock of Plutonium and Thorium Isotopes held by Electromagnetic Group, Chemistry Division, AERE, Harwell: M.L.Smith, 10th May, 1965 2 pages

EAANDC Documents List

- U.S.A.

- (1) Nomenclature Scheme for Experimental Mono-energetic Nuclear Cross-Sections
- (2) Reports to the AEC Nuclear Cross-Sections Advisory Groups (Oak Ridge National Laboratory, Oak Ridge, Tenn.) (WASH-1013)
- (3) Off-Site Nuclear Cross-Sections Measurement Programme
- (4) Reports to the AEC Nuclear Cross-Sections Advisory Groups (Rice Institute, Houston, Texas) (WASH-1018)
- (5) Reports to the AEC Nuclear Cross-Sections Advisory Group (Brookhaven National Laboratory, Upton, N.Y.) (WASH-1021)
- (6) U.S. Status Report on the TNCC Fission Foil Exchange Programme
- (7) U.S. Facilities for Fabrication of Special Materials
- (8) Compilation of Requests for Nuclear Cross-Sections Measurements
- 9 Reports to the AEC Nuclear Cross-Sections Advisory Group (Oak Ridge National Laboratory, Oak Ridge, Tenn.): submitted by J.A. Harvey, December 1959 (WASH-1026) 69 pages
- 10 L U.S. Facilities for Making Low Energy Neutron Cross Section Measurements (2nd issue): J.A. Harvey, Feb. '60 (ORNL 60-2-78) 10 pages
- 11 Master List - U.S. Stable Isotope Pool: General Information on Use of Table 71 pages
- (12) Status of Electromagnetically Separated Plutonium Isotope Production, Usage, and Allocation
- (13) Preliminary Measurements of α of U-233, U-235, and Pu-239

- 14 Reports to the AEC Nuclear Cross Sections Advisory Group (Washington, D.C.): submitted by J.A.Harvey, April '60 (WASH-1028) ii + 74 pages
- 15 U Report to the AEC Nuclear Cross Sections Advisory Group (Argonne National Laboratory): submitted by J.A.Harvey, September 1960 (WASH-1029) ii + 82 pages
- 16 L Mass Separators and Special Mass Spectrometers in the USA: compiled by J.A.Harvey, November 1960 i + 27 pages
- 17 L Standardization of the Infinitely Dilute Resonance Integral - for Oak Ridge Meeting on 14 November, 1960: R.W.Stoughton and J.Halperin 18 pages
- 18 L Compilation of Requests for Nuclear Cross Section Measurements: compiled by J.A.Harvey, November 1960 (ORNL 60-11-8) i + 39 pages
- 19 U Reports to the AEC Nuclear Cross Sections Advisory Group: submitted by J.A.Harvey, February 1961 (WASH-1031) ii + 82 pages
- 20 Off-Site Nuclear Cross-Sections Measurement Program: Division of Research, Atomic Energy Commission, May '61 45 pages
- (21) Stable Isotopes Cross-Section Research Pool Inventory
- 22 A Tentative Changes in the Discrepancy Compilation (EANDC-9): Herbert Goldstein, June 30, 1961 2 pages
- 23 U Reports to the AEC Nuclear Cross Sections Advisory Group - MIT and Yale: submitted by J.R.Stehn, August 1961 (WASH-1033) iii + 46 pages
- 24 U Reports to the AEC Nuclear Cross Sections Advisory Group-Columbia University: submitted by J.R.Stehn, Dec. '61 (WASH-1034) v + 30 pages

- 25 U Compilation of Reduced Slow Neutron Partial Differential Scattering Cross Sections: R.M.Brugger, July 2, 1962 (IDO-16699 rev.) ii + 5 pages + 18 figs.
- 26 U Least Squares Analysis of the 2200 m/sec Parameters of U-233, U-235 and Pu-239: Rudolph Sher and Joan Felberbaum, BNL, June 1962 (BNL 722) i + 23 pages
- 27 U Reports to the AEC Nuclear Cross Sections Advisory Group-Brookhaven National Laboratory: submitted by J.R.Stehn, May 1962 (published in Sept. '62) (WASH-1039) v + 41 pages
- (28)L Status Report on Cross-Section Measurements in North America of the Fissionable Nuclei: September 1962
- (29) Stable Isotope Inventory: 1963
- 30 U Compilation of Requests for Nuclear Cross Section Measurements: compiled by J.R.Stehn, September 1962 (WASH-1040) ii + 52 pages
- (31)A Provision of Separated Isotopes for Nuclear Data Measurements of Interest for Reactor Calculations: Nov. '63
- 32 U ORNL Target Preparation Program: E.H.Kobisk, January 15, '63 (ORNL-3400 Special) i + 13 pages
- 33 A Some Recent Cross-Section Work from Non-EANDC Nations: J.R.Stehn: 31 January 1963 (TNCC(US)-86) i + 9 pages
- 34 S A Survey of the Present Status and Possible Future of Neutron Cross Section Compilations in the United States and Canada: H.Goldstein, January 1963 (A.42563) 17 pages
- 35 Research Trends: 1962 - 1967; Nuclear Structure Physics, Division of Mathematical, Physical, and Engineering Sciences, NSF (NSF 62-45) viii + 39 pages

- 36 U The Fission Cross Section of U²³⁵: C.D.Bowman, G.F. Auchampaugh and S.C.Fultz, Lawrence Radiation Laboratory, U. of Calif., January 3, 1963 (UCRL-6926 rev.) iii + 30 pages
- A ORNL Plutonium Inventory as of 7/31/62 7 sheets
- 37 U Conference on the Utilization of Multiparameter Analyzers in Nuclear Physics - held at Grossinger, N.Y. on Nov. 12-15, '62: L.J.Lidofsky, Editor, June 1963 (CU(PNPL)-227)(NYO 10595) 185 pages
- 38 U Reports to the AEC Nuclear Cross Sections Advisory Group-Rice University-February 25, 1963: submitted by J.R.Stehn (WASH-1042)(INDSWG-3) v + 41 pages
- 39 U Angular Distributions in Neutron Induced Reactions, Volume I, Z=1 to 22, Volume II, Z=23 to 94: M.D. Goldberg et al., October 1962
- 40 L (BNL 400 2nd ed.)(INDSWG-12)
- (40)L Stable Isotope Cross-Section Research Pool Inventory: July 1, '63
- 41 U Reports to the AEC Nuclear Cross-Sections Advisory Group-Meeting at University of Colorado on August 13-14, 1963 (WASH-1044)(INDSWG-37) 103 pages
- (42)U Compilation of Requests for Nuclear Cross-Section Measurements: '63
- (43)A ORNL Plutonium Inventory as of June 30, 1963: December 1963
- (44)L Status of Measurements of the Total Cross-Section of Pa-233: October 1963)
- 45 U Off-Site Nuclear Cross-Sections Measurement Program: October 1963 (INDSWG-38) 34 pages
- 46 U U.S. Facilities for Making Low Energy Neutron Cross-Section Measurements: October 1963 (INDSWG-39) 21 pages

- (47) A Informal Notes on Use of On-Line Computers in Physics Research in U.S.A.: November 1963
- 48 A Neutron Cross-Section Measurements for Nuclear Structure and Nuclear Energy: W.W.Havens, Jr., Columbia Univ. N.Y. and O.Kofoed-Hansen, Risb, Denmark, November 196359 pages (INDSWG-34)
- 49 A Fast Neutron Cross-Section Requirements for Nuclear Energy Applications: H.N.Goldstein (based on a talk presented at Atomenergie, Studsvik, Sweden, Sept. 6 1963), November 1963 (INDSWG(US)-6; INDSWG-36) 32 pages
- 50 U Reports to the A.E.C. Nuclear Cross-Sections Advisory Group - E.I.Du Pont de Nemours and Co. Savannah River Laboratory on January 28-30, 1964: submitted by A.B.Smith (WASH-1046)(ITD-4500, 27th ed.)(INDSWG-46) iii + 123 pages
- 51 U Optical Model Analysis of Inelastic Scattering of Neutrons by Heavy Nuclei: S.O.Moore and E.H. Auerbach, BNL, August 1963 (BNL 818(T-317)) (TID-4500, 21st ed.)(INDSWG-49) ii + 44 pages
- (52) A Normalization of the Epithermal U-235 Fission Cross Section: W.W.Havens and E.Melkonian
- (53) U Compilation of Requests for Nuclear Cross Section Measurements: A.B.Smith
- (54) High Resolution Neutron Spectroscopy in the keV region, Al, Ti, Fe, Ni, Cu, Zn, V, Mn, Co, Bi: I.B. Garg, J. Rainwater and W.W.Havens
- (55) U Physics Division Annual Progress Report for Period Ending December 31, 1963 (Excerpt): J.A.Harvey and J.Fuketa
- (56) U Modifications of the Argonne 7.7 m Bent-Crystal Spectrometer: R.K.Smither

- 57 U The AEC Nuclear Cross Sections Advisory Group-
Columbia University on June 4-5, 1964: submitted by
A.B.Smith
(WASH-1048) (INDSWG-47) iii + 137 pages
- (58) U Compilation of Neutron Reaction and Total Cross
Sections at 14 MeV: S.C.Mathur, J.B.Ashe, I.L.Morgan
and C.D.Houston
- (59) U Tabulation of the Neutron Total Cross Section of U233
from 0.07 to 10,000 eV Measured with ORNL Fast Chop-
per: N.J.Pattenden and J.A.Harvey
- (60) A Analysis of Neutron-Capture Data in the Resonance
Region: F.H.Frohner and F.Haddad
- (61) U p-Wave Neutron Resonances at Very Low Energies: H.E.
Jackson
- 62 Some Elastic Angular Distributions; A Status Report:
A.B.Smith and P.T.Guenther(without date)
(INDSWG-48) iv + 92 pages
- (63) L Application of Nuclear Explosions to Cross Section
Measurements: B.C.Diven
- (64) A Research Pool Inventory-Uranium and Plutonium
Isotopes, May 22, 1964
- (65) L Stable Gaseous Isotopes and Carbon 13
- (66) A Optical Model Neutron Transmission Coefficients 0.1
to 5.0 MeV: E.H.Auerbach and F.C.L.Perey
- (67) A Review of ORNL Electromagnetic Separations Program.
January-December 1963: L.O.Love and W.A.Bell
(ORNL 3606)
- (68) A ORNL Plutonium Inventory, 22nd January, 1965
- 69 L A Listing of CINDA - An Index to the Literature on
Microscopic Neutron Data, July 1, 1964: H.Goldstein
and M.H.Kalos
(NRL-SP-10)(UNC-5090)(DASA 1535)
..... xli + 739 pages

- 70 U Reports to AEC Nuclear Cross Sections Advisory Group-ORNL on October 13-14, 1964: submitted by A.B.Smith, (WASH-1053)(INDSWG-77) 130 pages
- 71 U Analysis of (n,2n) Cross Sections for Nuclei of Mass A> 30: S.Pearlstein, BNL, December 1964 (BNL 897 T-365)(INDSWG-78) 47 pages
- 72 U Reports to the AEC Nuclear Cross Sections Advisory Group-Washington, D.C. on March 8-9, 1965 (WASH-1056)(INDSWG-79) 147 pages
- 73 U Compilation of Requests for Nuclear Cross Section Measurements: A.B.Smith, August 1965 (WASH-1057)
- 74 U Report and Recommendations of Special Panel on Pulsed High Intensity Fission Neutron Sources, February 19, 1965 (WASH-1058)(INDSWG-76) 3 pages + 1 table
- 75 U Least Square Analysis of the 2200 m/sec Parameters of U²³³, U²³⁵ and Pu²³⁹ : R. Sher and J. Felberbaum, March 1965 (RNL 918 T-377-92-94-2)(INDSWG-80) 10 pages
- 76 L Stable Isotope Cross Section Research Pool Inventory, April 1965 (USAEC) 52 pages
- 77 A U.S.Nuclear Physics Research Accelerators (1-1000 MeV):April 1965 (Draft) iii + 17 pages
- L (INDSWG-81)

EANDC Documents List

- Japan

- 1 L Nuclear Data Measuring Activities in Japan: JNDC, May 1965 (INDSWG-90) i + 38 pages
- 2 U Nuclear Data Measuring Facilities: JNDC, May 1965 (INDSWG-89) i + 31 pages