

資料リスト

I. EANDC Documents

81-U	Technical Minutes of the Twelfth Meeting of the Committee, Brussels, 20-24 January 1969, by M. Nève de Mévergnies (Mol) and K. Bockhoff (Geel)	62 pages
(OR)-87-L	Progress Report to EANDC from Greece, September 1969 by M. Dritsa	2 "
(OR)-91-L	Progress Report to EANDC from Portugal, August 1969 by F. Gama Carvalho	7 "
(E)-117-U	Aktveller Stand der physikalischen kenninis der wichtigsten Reaktorkerdaten (also KFK-966, EUR 4172d) J. J. Schmidt	26 pages + 10 figs.
(E)-122-AL	Trends in Neutron Cross Section Data S. Cierjacks	85 pages

II. INDC Documents

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(CCP)-7	A Study of Nuclear Physics in USSR: Abstract (Original: Russian)	60 "
(SEC)-6/G-L	List of IAEA Meetings for 1970	2 "

III. Other Documents

IA-1191	Hybshov-A Program for solving the few-group space-time dependent diffusion equation with a hybrid computer D. Saphier and S. Yiftah	167 "
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List of EANDC Documents Issued Since the 11th EANDC
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(a) Committee Papers EANDC-X

- 74-L Fourth Biennial Report of the Activities of EANDC
- 75-A Complete Minutes of the 11th Meeting
- 75-H Technical Minutes of the 11th Meeting
- 76-AL Status a. Proposed Disposition of Requests on the EANDC
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- 77-U RENDA System Description - S. Schwarz
- 78-AL RENDA Compilation of EANDC Requests for Neutron Data
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- 79-U Distribution of EANDC documents (in preparation)

(b) Canadian Documents - EANDC(Can)-X

- (Can)37-L Canadian List of Requests for Measurements
by G. C. Hanna
- (Can)38-L Canadian Progress Report to the EANDC (Feb. 68 to Dec. 68)
by G. C. Hanna
- (Can)39-AL A Direct Measurement of the thermal neutron conversion
ratio of natural U, by C. B. Bigham, R. W. Durham,
J. Ugrin

(c) Euratom Documents EANDC(E)-X

- (E)-88-U Tables of Evaluated Neutron Cross-Sections for Fast
Reactor Materials, I. Langner, J. J. Schmidt, D. Woll
- (E)-111-U High Resolution Total Neutron Cross-Sections between
0.5 and 30 MeV; S. Cierjacks et al.
- (E)-111 Examen critique des valeurs de $\alpha = \sigma_C / \sigma_F$ pour le ^{23}Pu
au-delà de 1 keV et des expériences pouvant améliorer
sa connaissance, Barré, P. Ribon, l'Heriteau
- (E)-113-A Remarks on recently published or forthcoming work concern-
ing threshold reactions, by A. Paulsen, H. Liskien

(d) Japanese Documents EANDC(J)-X

- (J)-9-AL Bibliography for Thermal Neutron Scattering, by JNDC
Thermalization Group
- (J)-10-L Progress Report - Jan. - Nov. 68, by T. Momota and
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- (J)-11-AL Japanese List of Requests for Measurement Sept. 68
- (J)-12-AL Program Eliese-2 A Fortran-IV Program Calculation of the
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Hauser-Feshbach's Method, by S. Igarasi

(e) Documents from other OECD Countries EANDC(OR)-X

- (OR)-75-L Progress Report to EANDC from Switzerland, by T. Hurlimann
- (OR)-76
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- (OR)-80 Nuclear Data Requirements in Sweden, October 1968
- (OR)-81-AL The (n,2n) Cross Sections of D in the energy region 4.0 - 6.5 MeV, by M. Holmberg
- (OR)-82-AL (N,2n) Cross Sections of Be
- (OR)-83-L Progress Report to EANDC from Sweden, Jan. 1969, H. Condé Edit.
- (OR)-84-AL Progress Report to EANDC from Austria, Jan. 1969, P. Weinzierl, Edit.

(f) U.K. Documents EANDC(UK)-X

- (UK)-103-AL The Neutron Resonance Parameters of 240 Pu UK/USSR Seminar, June 1968
- (UK)-104-AL A Mass Spectrometric Measurement of the Half-Life of Plutonium 241
- (UK)-106-AL U.K. Nuclear Data Progress Report for six months period up to end of 1967, E. R. Rae
- (UK)-107-AL A re-assessment of Harwell Mass-Spectrometric Measurements of the Cross-Section of 239 Pu, 240 Pu and 241 Pu for Maxwellian neutrons, by M. J. Cabell
- (UK)-108-AL Evaluation of the 239 Pu fission cross-section in the energy range 1 keV to 100 keV, by G. D. James and B. H. Patrick
- (UK)-109-AL Design of a neutron detector with a flat energy response for use in time-of-flight experiments, by M. S. Coates and W. Hart

(g) Documents from the United States EANDC(US)-X

- (US)-105-U Reports to the AEC Nuclear Cross Sections Advisory Committee, April 3-4, 1968
- (US)-106-L Report of the NCSA ad-hoc Subcommittee on Neutron Scattering, April 1968
- (US)-107-A Draft Status Report on Heavy Element Cross-Sections
- (US)-108-A Neutron Capture and Gamma-Ray Production Cross Sections
- (US)-109-A Measurement of the Neutron Fission and Absorption Cross Sections of 239 Pu over the Energy Region 0.001 eV to 30 keV, May 15, 1968, R. Giom et al.
- (US)-110-A Review of ORNL Electromagnetic Separations Program, 1966-67, L. O. Love, N. A. Bell

- (US)-111-U Reports to the AEC Nuclear Cross Sections Advisory Committee, Meeting October 21-23, 1968
- (US)-112-A Review of Isotopes Target Program, by E. H. Kobisk, January 1965 - December 1967
- (US)-113-A Report No. 2 - Hafnium, NCSA ad-hoc Subcommittee on Scattering, September 1968
- (US)-114-A Measurement of the Neutron Fission and Absorption Cross Sections of ^{239}Pu over the Energy Region 0.01 to 30 keV, R. Gwin et al.
- (US)-115-A Neutron Cross Sections for ^{235}U and ^{238}U in the Energy Range 1 keV to 14 MeV, J. J. H. Berlyn, R. Hunter, C. C. Cremer
- (US)-116-A Neutron Cross Sections for ^{239}Pu and ^{240}Pu in the Energy Range 1 keV to 14 MeV, R. E. Hunter, J. Berlyn, C. Cremer
- (US)-117-A Pulsed Neutron Research for Nuclear Safeguards, April-June 1968
- (US)-118-A Spin Assignments to ^{239}Pu Resonance by Neutron Multiplicity and Scattering Measurements, R. C. Block, S. Weinstein, T. King
- (US)-119-A A-Standard Neutron Cross Sections, by R. S. Caswell, E. Haddad, W. W. Havens

List of EANDC Documents Issued Since the 12th EANDC

Meeting in Brussels (January, 1969)

(a) Committee Paper EANDC-X

81-A Complete Minutes of the Twelfth Meeting of the Committee.

81-U Technical Minutes of the Twelfth Meeting of the Committee.

(b) Canadian Documents - EANDC (Can)-X

(Can)-40-L Progress Report, January 1969 to September 1969, compiled by G. C. Hanna.

(Can)-41-AL A Study of the Accuracy of g-Factors for Room Temperature Maxwellian Spectra for U and Pu isotopes, by C. H. Westcott. (Also available as AECL-3255)

(c) Euratom Documents - EANDC (E)-X

(E) 112-U Card Image Format of the Karlsruhe Evaluated Nuclear Data File KEDAK, by D. Woll.

(E) 113-U Analysis of Fast Critical Assemblies and Large Fast Power Reactors with Group-Constant Sets Recently Evaluated at Karlsruhe, by H. Kusters, J. J. Schmidt, C. H. M. Broeders, E. Eisemann, M. Metzenroth, K. E. Schroeter, D. Thiem.

(E) 114-U Basic Requirements of Advanced Neutron Data Storage and Retrieval Systems (CSISRS), by J. J. Schmidt.

(E) 115-U Progress Report on Nuclear Data Research in the Euratom Community for the period January 1 to December 31, 1968.

(E) 117-U Aktueller stand der physikalischen kenntnis der wichtigsten reaktor kerndaten, by J. J. Schmidt. (KFK-966, EUR 4172.D)

(E) 118-U Evaluation of fast critical experiments by use of recent methods and data, by E. Kiefhaber, H. Kuesters, J. J. Schmidt, H. Bachmann, B. Krieg, E. Stein, D. Thiem and K. Wagner. (KFK-969, EUR 4173.E)

(E) 119-L Influence des incertitudes dans les données neutroniques sur quelques parametres caracteristiques d'un réacteur a neutrons rapides, by J. Y. Barre.

(E) 120-L Utilisation d'expériences integrales pour améliorer le jeu de sections efficaces Carache - Jeu version 2 - Application a Phenix, by J. Y. Barre, J. Ravier.

(E) 121-AL Measurement of fission cross section ratios $^{239}\text{Pu} : ^{235}\text{U}$, $^{233}\text{U} : ^{235}\text{U}$, by E. Pflutschinger, F. Kappeler.

- (E) 122-AL Trends in Neutron Total Cross Section Data, by S. Cierjacks.
- (E) 123-AL Variation of the Binary-to-Ternary Fission Ratio for ^{235}U in the Resonance Region, by A. J. Deruytter, C. Wagemans.
- (d) Japanese Documents - EANDC (J)-X
- (J) 13-L Progress Report (November 1968 to July 1969 inclusive), by T. Momota, T. Fuketa and K. Okamoto.
- (J) 14-AL Japanese List of Requests for Measurement (September 1969).
- (J) 15-AL Evaluation of Pu-239 data in keV and resolved resonance region (JAERI 1162), by, C. Durston and S. Katsuragi.
- (e) Documents for Other OECD Countries - EANDC (OR)-X
- (OR) 84-L Progress Report to EANDC from Austria (January 1969), by P. Weinzierl.
- (OR) 85-L Progress Report to EANDC from Danish AEC Research Establishment Risø, by H. Bjerrum Møller (March 1969).
- (OR) 86-L Progress Report to EANDC from Spain.
- (OR) 87-L Progress Report to EANDC from Greece.
- (OR) 88-L Progress Report to EANDC from Norway.
- (OR) 89-L Progress Report to EANDC from Turkey.
- (OR) 90-L Progress Report to EANDC from Switzerland, by T. Hurlimann (June 1969).
- (OR) 91-L Progress Report to EANDC from Portugal, by F. Gamma Carvalho (August 1969).
- (OR) 92-L Neutron elastic scattering cross section--experimental data and optical model cross section calculations.
- (f) U.K. Documents - EANDC (UK)-X
- (UK) 110-AL U.K. Nuclear Data Progress Report up to Mid-1968, by E. R. Rae.
- (UK) 111-AL Gamma-ray spectrometric measurements of the capture cross section of gold-198 for reactor neutrons, by M. J. Cabell and M. Wilkins.
- (UK) 112-AL The low energy scattering cross section of ^{10}B , by A. Asami and M. C. Moxon. (AERE-R 5980)
- (UK) 113-AL The neutron capture cross section of ^{238}U in the energy range 0.5 to 100 keV, by M. C. Moxon. (AERE-R 6074)
- (UK) 114-AL Slow neutron scattering by deuterium, D_2O and oxygen, by J. S. Story.
- (UK) 115-U Energy released in fission, by M. F. James. (AEEW-M 863)

- (UK) 116-U An evaluation of the neutron cross-section data for zirconium and its stable isotopes, in the resolved resonance range, by J. S. Story and A. L. Pope.
- (UK) 117-U The thermal neutron absorption cross-sections, resonance integrals and resonance parameters of silicon and its stable isotopes, by J. S. Story. (AEEW-M 933)
- (g) Documents from the United States - EANDC (US)-X
- (US) 120-U Reports to the AEC Nuclear Cross Sections Advisory Committee, compiled by M. S. Moore.
- (US) 121-U Proceedings of Conference on Use of Computers in Experimental Nuclear Physics, Skytop, Penn., March, 1969. (This document will not be available until late November.)
- (US) 122-U Reports to the NCSAC, Houston, Texas, 9/18-19/69.
- (US) 123-L Résumé of impressions of the Skytop Conference/Conference on computer systems in experimental nuclear physics, Skytop, Penn., 3/3-6/69.
- (US) 124-A The Alpha Half-Life of ^{234}U , by J. W. Meadows.
- (US) 125-A Determination of the Branching Ratio of Be^7 , by W. P. Poenitz and A. Devolpi.
- (US) 126-A The Thermal Absorption Cross Section of ^6Li , by J. W. Meadows and J. F. Whalen.
- (US) 127-A Multilevel parameters for the Pu^{239} Fission Cross Section from 40 to 100 eV, by P. Lambropoulos.
- (US) 128-A Measurement of the Cross Section Ratios of $^{235}\text{U}(n,f)$, $^{238}\text{U}(n,\gamma)$ and $^{239}\text{Pu}(n,f)$ in the Energy Range 130-1400 keV, by W. P. Poenitz.
- (US) 129-A Gamma-ray Production Cross Sections for Nitrogen and Oxygen, by V. J. Orphan and C. J. Hoot. 1/69. (GA-8006)
- (US) 130-A High Resolution Measurements of the Total Cross Sections of Nitrogen and Iron, by A. D. Carlson and R. J. Cerbone. 3/69. (GA-9147)
- (US) 131-A LA 4198, by J. D. Cramer.
- (US) 132-A Preliminary isotope inventory, 9/69.