

資料リスト

I. EANDC Documents

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|------------|---|---------|
| (OR)-100-L | Nuclear Data Activities at the CEKMECE Nuclear Research and Training Center - Turkey, Feb. 1968 - Jan. 1971 | 7 pages |
| (OR)-105-L | Progress Report to EANDC from Austria Aug. 1971 (also INDC(AUL)-2/G) P. Weinzierl | 13 " |
| (OR)-109-L | Progress Report to EANDC from Portugal (also INDC(POL)-1/G) | 4 " |
| (OR)-111-L | Progress Report on Neutron Physics Research in Sweden, Aug. 1971 (also INDC(SWD)-3/G) | 62 " |
| (OR)-112-L | Progress Report to EANDC from Switzerland T. Hürlimann (also INDC(SWT)-2/G) | 19 " |
| (E)-139-AL | Some Comments on Requests in RENDA-70 for Heavy Elements Resonance Parameters René Joly & Pierre Ribon | 12 " |

II. INDC Documents

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|------------|---|-------------------|
| -6/L | Informal Minutes of the Third Meeting held in Vienna, 22-26 June 1970 | 86 " |
| (YUG)-3/G | The Radiative Capture of Fast Neutrons compiled by N. Cindro | 2 figs. + 7 pages |
| (HUN)-6/L | A Muft Type Forty-Group Constant Library Peter Vértés | 44 pages |
| (CCP)-16/L | Collection of USSR Reports on Nuclear Data Topics | 185 " |
| (AUL)-16/G | Progress Report of Physics Division including Applied Mathematics and Computing Section 1st Oct. 1970-31st March 1971 (also AAEC/PR 34-P) | 34 " |
| (SEC)-18/L | Consolidated Progress Report for 1971 on Nuclear Data Activities in the NDS Service Area | 204 " |

III. Other Documents

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|------------|--|------|
| LA-4794-MS | Nuclear Safeguards Research Development Program Status Report, May-Aug. 1971 | 29 " |
| CEA-N-1484 | Evaluation des données Neutroniques de ²³⁹ Pu Pierre Ribon et al. | 57 " |

BNWL-1575 The Design, Testing and Specifications of a
Spent Fuel Monitor for NPD Reactor
A Report of Work Performed Under Program TRUST-
Phase 1, May 1971 27 pages

BNWL-1611 Development of an Optical Instrument and Technique
to Indicate Tempering with Reactor Fuel Assemblies
Part 1, Aug. 1971 13 "

BHO-67-4 Evaluation of Isotopic Source Assay System Under
Commercial Operating Conditions
Final Technical Report, March 1970 to March 1971
W. J. Gallagher

BHO-69-3 Plant Instrumentation Program 3rd Quarterly Progress
Report, Oct.-Dec. 1970
J. E. Lovett et al. 29 "

Gulf-RT-10697 Application of Photoinduced Reactions to Nuclear
Materials Safeguards Problems, Quarterly Progress
Report, Jan. 1971 to March 1971.
R. L. Bramblett et al.

Gulf-RT-A10826 Application of Photoinduced Reactions to Nuclear
Materials Safeguards Problems, Project Summary
Report, July 1970 to June 1971.
R. L. Bramblett et al. 151 "

CONF-710301 Proceedings of the Third Conference Neutron Cross
Sections and Technology, March 15-17, 1971
Univ. of Tennessee, Knoxville, Tennessee
(Vol. I, II) 913 "

Fast Neutron Total and Scattering Cross Sections
of ²⁴⁰Pu
A. B. Smith et al. 20 pages + 6 figs + 1 tabl

List of Reports submitted to the IAEA Panel on Neutron
Nuclear Data Evaluation

Vienna, 30 Aug.-3 Sept. 1971

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|---|-------------------------|
| Preliminary Graphical Analysis of Selected Plutonium Isotopes Cross Sections of the ENDF/B-I and II, KEDAK and UKNDL Files D. Ilberg & S. Yiftah | 2 pages + 12 figs |
| Review of the Neutron Data Evaluation Activities, the Important Evaluation Needs in IAEA Member States T. A. Byer & J. J. Schmidt | 40 pages |
| Review of Nuclear Data Work for Reactors in India B. P. Rastogi & H. C. Huria | 5 " |
| Role and Efficiency of Nuclear Theory in Evaluation Resolved and unresolved resonances (revised text), Pierre Ribon | 27 " |
| Nuclear Model Codes Used by the CNEN Nuclear Data Group V. Benzi | |
| Sub-Group on Role and Efficiency of Nuclear Theory in Evaluation Statistical, Optical and Direct International Models V. Benzi | 3 " |
| Energy Region of Resolved and Unresolved Resonances M. Motta | 4 " |
| Interpretation of trends in total neutron cross sections I. Angeli and J. Csikai | 14 " |
| Recommended values of $\sigma_{n,2n}$ and $\sigma_{n,total}$ cross sections Z. T. Body et al. | 16 " |
| The role of physical trends ⁱⁿ neutron data evaluation J. Csikai et al. | 19 " |
| Fast neutron cross sections of ²⁴⁰ Pu; Measured Results and a Comparison with an Evaluated File A. B. Smith et al. | 38 " |
| Comparison of Spherical Optical Model Codes and Standard Values for Nuclear Data Evaluations Y. Kikuchi | 20 " |
| Preliminary examination of coupled channel optical model for heavy deformed nuclide Y. Kikuchi | 39 " |
| Neutron Nuclear Data Evaluation Activities in Romania | 1 page |
| Neutron data evaluation studies in the United Kingdom J. S. Story | 14 pages |

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| Establishment of Computer Libraries of Evaluated Data and Associated Computer Programs Sol Pearlstein | 5 pages |
| Role and efficiency of nuclear theory in evaluation resolved and unresolved resonances Pierre Ribon | 26 " |
| Application of evaluated nuclear data files available at IAEA for reactor calculations Peter Vértés | 8 " |