

資料リストI. EANDC Documents

CINDA 68			An Index to the Literature on Microscopic Neutron Data: June 1968	
EANDC	-74	L	Fourth Biennial Report of the Activities of EANDC: June 1968 G. C. Hanna and W.W. Havens, Jr.	14 pages
EANDC(E)	-111	AL	Examen Critique des Valeurs de σ_c/σ_F pour le ^{239}Pu Au-dela de 1 keV et des Experiences pouvant Ameliorer sa Connaissance: Septembre 1968 Jean-Yves Barre, Jean-Pierre l'Hertiteau et Pierre Ribon	74 "
EANDC(UK)	-103	AL	UK/USSR Seminar: June 1968 The Neutron Resonance Parameters of ^{240}Pu : M. Asghar, M.C.Moxon and N.J. Pattenden	23 "
EANDC(US)	-107	A	Preliminary Draft of a Status Report on Heavy-Element Cross Sections: April 1968 M. S. Moore (also INDC-234, INDC(US)4-G)	20 "
	-108	A	Neutron Capture and Gamma-Ray Production Cross Sections: May 1968 R.E. Chrien, Harold Jackson and M.G.Kalos (also INDC(US)5-G)	38 "
	-109	A	NDA Annual: May 15, 1968	10 "

II. IAEA Documents

INDC-152E			Potential Barrier Penetration Factors for Alpha Particles and Q-Values for (n, α) Reactions: Vienna 1968 A. F. Dadakina	40 "
-221			(supersede INDC-201) Nuclear Data Unit Correspondents for the Exchange of Nuclear Data Information: Vienna April 1968	71 "
-226		G	RENDA: A Compilation of Needed Neutron Data prepared for the International Nuclear Data Committee: August 1968	18+105 "
-229 + Suppl.		G	Status Report on the Review of the 2200 m/sec Fission Constants	9 "
INDC(US)-1		G	The Second Neutron Cross Sections and Technology Conference: March 4-7, 1968, Washington D. T. Goldman ("Physics Today" 21 8 pp 85-89 抄録)	10 "
-2		U	Reports to the AEC Nuclear Cross Sections Advisory Committee: April 3-4, 1968	165 "
			(also EANDC(US)105U, WASH-1093 and INDC-233)	

Documents from Other Sources

AAEC/TM 462	The High Resolution Study of Gamma Rays from keV Neutron Capture: July 1968 B. J. Allen, Australian AEC 34 pages
AE EW-R 597	On the Thermal Neutron Capture Cross-Sections of Cobalt: May 1968 J. S. Story 13 "
EUR 3950e	Evaluation of the $^{10}\text{B}(n,\alpha)$ Cross Section and Branching Ratio: K. Gubernator and H. Moret, Euratom, Geel 35 "
IA- 1097	Nuclear Spectroscopy Using Resonance Scattering of Capture Gamma Rays at the IRR-2 Research Reactor: January 1967 Y. Schlesinger, B. Arad and G. Ben-David 37 + 17 figs. + 3 tbls.
-1102	Neutron Capture Gamma Rays from Natural Titanium: January 1967 J. Tenenbaum, B. Arad, G. Ben-David and R. Moreh 34 + 11 figs. + 5 tbls.
-1156	Error Estimation for Criticality and Reactivity Coefficients Calculations in Fast Reactors: February 1968 L. Gitter and S. Yiftah 28 "
-1162	Differentiation between HoI and HoII spectra using only a DC arc as excitation source: May 1968 S. Held 65 + 4 tbls.
-1163	Precision Study of Highly Excited Nuclear Levels Using a Gamma Monochromator: February 1967 R. Moreh and G. Ben-Yaacov 34 + 14 figs. + 2 tbls.
-1164	Magnetic Structures Derived by Symmetry Conside- rations from a Given Crystallographic Structure (Orthorhombic System) A. Epstein, G. Erez, S. Goshen and H. Shaked 16 + 3 figs.
-1166	A Theoretical Comparison between the TOF and DAS Diffraction Methods: December 1967 A. Epstein and H. Shaked 17 + 6 figs.
-1167	Some Collimation Problems in Neutron Diffracto- metry: December 1967 A. Epstein and H. Shaked 17 + 9 figs. + 1 tbl.

INDC(US)-4	G	Preliminary Draft of a Status Report on Heavy-Element Cross Sections: M. S. Moore (also INDC-234 and EANDC(US)107A)	20	pages
-5	G	Neutron Capture and Gamma-Ray Production Cross Sections: May 1968 R.E. Chrien, Harold Jackson and M.H.Kalos.... (also EANDC(US)108A)	30	"
-6	U	The $H(n,n)$ Cross Section as a Nuclear Standard J. C. Hopkins, LASL (also LA-DC-8781) submitted to the Panel of IAEA on Nuclear Standards Needed for Neutron Cross Section Measurements, Brussels, May 1967)	32	"
-7	R	Elastic Scattering of Fast Neutrons by Liquid Hydrogen, Deuterium, Tritium and by He ³ (Preprint) J. D. Seagrave (also LA-DC-8859)	73	"
-8	G	Comments on the U.S. Progress in Making Measurements Recommended by the Brussels Panel on Standards (for information of INDC members only)		

(Other IAEA Documents obtained at the 7th INDC Meeting, Wien, May '68)

PL-246		Report of the Panel on Nuclear Standards Needed for Neutron Cross Section Measurement: Brussels, May 1967	300	"
from Germany		JAHRESBERICHT 1967: Institut für Physik Reaktorzentrum Seibersdorf, Feb. 1968	27	"
from India		Proceedings of the Nuclear Physics and Solid Physics Symposium, Kanpur, Feb. 27-Mar. 3 '67	598	"
"	BARC-279	Evaluation of Neutron Cross Section on the Bases of Optical and Statistical Models: S.B.Garg, K. Balsubramanian and V.K.Shukla....	40	"
"	BARC-291	Van de Graaff Laboratory Progress Report compiled by T. P. David	49	"
"	BARC-305	Progress Report on Nuclear Data Activities in India IV, compiled by Indian Nuclear Data Group, Nuclear Physics Division: Oct. 1967.....	39	"
from Poland		Progress Report on Nuclear Data Research in Poland (May 1967 - April 1968) to the INDC: edited by Tomasz Niewodniński, 1968	68	"
from Thailand		THAI AEC-10: Certain Accounts on the Utilization of the Thai Research Reactor	11	"
from U.S.A.		Radioisotopes, Stable Isotopes Research Materials: Isotopes Development Center, ORNL	iv + 61	"

IA	-1169	An Altac Code Program for the Intensities of Neutron Diffracted from Polycrystalline Samples: December 1967 Z. Friedman and H. Shaked 24 + 8 figs. + 2 tbls.
	-1170	Periodic Solution of the Monoenergetic Trans- port Equation: November 1967 I. Aviram and Y. Yeivin..... 43 + 3 figs.
ENDF	-111	ENDF/B Format Requirements for Shielding Applications: written April 1967 and distributed December 1967 compiled and edited by D. J. Dudziak (also LA-3801,UC-80,TID-4500) 51 pages
ORO-3346-26		Neutron Activation Cross Sections at 14.4 MeV for Si and Zn Isotopes: N. Ranakumar, E. Kondaiah and R.W. Fink, Georgia Inst. of Tech.,Atlanta,Ga. 8 "
NBS-Special Publication	299	Proceedings of a Conference on Neutron Cross Sections and Technology:Washington,D.C., March 4-7, 1968 (in 2 volumes) 1341 " (「JNDC = 2 - ス」 No. 7, pp. 22-36 および 本号 "おしらせ" 欄参照.)