

**Nuclear Data Section
International Atomic Energy Agency
P.O.Box 100, A-1400 Vienna, Austria**

Memo CP-D/702

Date: 19 May 2011
To: Distribution
From: Naohiko Otsuka, Young-Ouk. Lee, Sung-Chul Yang
Subject: **Compilation of numerical data from the ND2010 conference (2)**
Reference: Memo CP-D/638

Because of some technical reasons, publication of ND2010 Conference Proceedings has been delayed, and accordingly NDS and ND2010 Local Organizing Committee (LOC) have postponed sending letters to authors.

Publication of the Conference Proceedings has been recently accepted as a special issue of the Journal of Korean Physical Society Volume 58. A letter to request the manuscript and numerical data will be sent to each author soon from NDS and ND2010 LOC.

Below is an example to show how each article will appear on the EXFOR Compilation Control System (EXFOR COCOS):

<http://www-nds.iaea.org/exfor-master/x4compil/>

. Papers relevant to experimental nuclear reaction data are also appended to this memo.

#13 (J,KPS) Journal of the Korean Physical Society									
#	Volume	Issue	Page	Lab	Published	Scanned	Status	Action	Com
29	52	3,1S	934	3KORPUE	2008-03	2008-03-27	EXFOR		2010
30	58		(1073)	3INDPOO	2011-06	2011-05-16	Reserved		

We propose to compile each article with the REFERENCE code

(J, KPS, 58, (\$paper#), 2011)

, e.g.,

(J, KPS, 58, (1073), 2011)

for the paper # 1073. The paper number will be replaced with the page number when the Conference Proceedings is published.

Note that DOI numbers will be assigned to all papers which can be retrieved through JKPS's web page (<http://www.kps.or.kr/>).

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Candidate of ND2010 abstracts for EXFOR compilation

IAEA NDS and KAERI NDEL, 2011-05-17 (Rev.)

No.	Paper#	Page (Ab.)	Title	Author	Facility
1	1032	43	Measurement of Neutron Cross Sections and Resonance Parameters of Tm-169 below 100 eV	W.M. Wang	3KORPUE
2	1045	209	Neutron Cross-Section Measurements on Structural Materials at ORELA	K.H. Guber	1USAORL
4	1061	42	The Neutron Resonance Parameters of ¹⁹⁷ Au from Transmission, Capture and Self-Indication Measurements at GELINA	Cristian Massimi	2ZZZGEL
5	1067	119	Time-Dependent Spectra of Neutrons Emmitted from Interaction of 1 and 4 GeV Deutrons with Massive Natural Uranium and Lead Targets	Walter Furman	4ZZZDUB
6	1072	17	Investigation of (n, a) Reaction for Rare-Earth Elements in the MeV Neutron Energy Region	Yuri Gledenov	3CPRBJG
7	1073	209	A Systematic Study of (n,p) Reaction Cross Sections in the Mass Region 50 to 140 from Threshold up to 20 MeV	B. Lalremruata	3IND???
8	1074	210	Investigation of Proton and Deuteron Induced Reactions on Cobalt	Ferenc Ditrói	3HUNDEB
9	1081	17	Neutron Induced Light-Ion Production from Iron and Bismuth at 175 MeV	Riccardo Bevilacqua	2SWDUPP
10	1087	210	⁶⁴ Zn and ⁶⁷ Zn (n, a) Reactions in the MeV Neutron Energy Region	Guohui Zhang	3CPRBJG
11	1091	28	Cross-section Measurements of (n,xn) Threshold Reactions in Au, Bi, In, Ta, and I	Ondrej Svoboda	3CZRUJF 2SWDUPP
13	1100	56	Photoneutron Cross Sections for Zr and Sn Isotopes	Hiroaki Utsunomiya	2JPNAIS
14	1107	13	Neutron Activation Experiments on Niobium in the NPI p-7Li Quasi-Monoenergetic Neutron Field	Milan Honusek	3CZRUJF
15	1127	64	Fission Physics and Cross Section Measurements with a Lead Slowing Down Spectrometer	Yaron Danon	1USARPI
17	1155	37	Fission Cross Section Measurements of Actinides at LANSCE	Fredrik Tovesson	1USALAS
18	1160	120	Study of Neutron Capture Reactions Using the 4 π Ge Spectrometer	Hideo Harada	2JPNJAE
19	1165	211	Measurements of Neutron-Induced Neutron-Production Double-Differential Cross-Sections from 50 to 150 MeV	Tsuyoshi Kajimoto	1USALAS
20	1181	108	Measurement of Deuteron Induced Thick Target Neutron Yields at 9 MeV	Nobuhiro Shigyo	2JPNKYU
21	1195	43	Measurement of the Secondary Neutron Emission Differential and Double-Differential Cross Sections Between 20 and 30 MeV	Xichao Ruan	3CPRAEP
22	1196	81	Cross-section Measurements for Neutron-Induced Fission of Minor Actinides with Lead	Kentaro Hirose	2JPNKTO

			Slowing-Down Spectrometer at KURRI		
23	1203	74	Activation Cross Section of Deuteron Induced Reaction on Natural Thallium for the Production of ^{203}Pb	R. Adam Rebeles	2BLGVUB
24	1211	16	Neutron-Induced Activation Cross Sections on Hafnium Isotopes from the Threshold to 20 MeV	Arjan Plompen	2ZZZGEL
25	1212	99	Neutron-Production Double-Differential Cross Sections from Heavy-Ion Interactions	D. Satoh	2JPNIRS
26	1220	29	Molybdenum and Zirconium Neutron Total Cross Section Measurements in the Energy Range of 0.5 to 20 MeV	Michael Rapp	1USARPI
27	1240	37	Measurement of the ^{238}U Neutron-Capture Cross Section and Gamma-Emission Spectra from Thermal to 100 keV Using the DANCE Detector at LANSCE	John Ullmann	1USALAS
28	1250	56	Isomeric Yield Ratios in the Photonuclear Reactions Products of ^{45}Sc and ^{93}Nb	Guinyun Kim	3KORPUE
29	1257	109	Measurement of Double Differential Neutron Production Yields at 180° for 140 MeV Proton Incident Reactions on Graphite and Iron	Yosuke Iwamoto	2JPNOSA
30	1262	239	Light-ion Production From a Thin Silicon Target Bombarded by 175 MeV Quasi Mono-Energetic Neutrons	Shusuke Hirayama	2SWDUPP
31	1266	142	Capture Cross Section Measurements of $^{185,187}\text{Re}$ with Filtered Neutron Beams at the Dalat Research Reactor	Son Pham Ngoc	3VN ???
32	1270	192	Light-Ion Production in 175 MeV Neutron-Induced Reactions on Oxygen	Udomrat Tippawan	2SWDUPP
33	1273	213	Measurement of Thermal Neutron Cross-Sections and Resonance Integrals of the $^{69}\text{Ga}(n, \gamma)^{70}\text{Ga}$ and $^{71}\text{Ga}(n, \gamma)^{72}\text{Ga}$ Reactions at Dalat Research Reactor	Son Pham Ngoc	3VN DAL
35	1280	29	Cross Sections for Neutron Inelastic Scattering on ^{28}Si	Alexandru Negret	2ZZZGEL
37	1286	80	Investigation of the Fission Process at IRMM	Franz-Josef Hamsch	2ZZZGEL
38	1293	144	A 4π Germanium Spectrometer for Measurements of Neutron Capture Cross Sections by the Time-of-Flight Method at the J-PARC/MLF/NNRI	Tadahiro Kin	2JPNJAE
39	1295	214	Measurements of Neutron-Capture Cross-Sections of Palladium isotopes at the J-PARC/MLF/NNRI	Shoji Nakamura	2JPNJAE
41	1301	214	Measurement of Neutron Capture Gamma-rays from the Resonances of ^{96}Zr and ^{91}Zr at the J-PARC/MLF/NNRI	Jun-ichi Hori	2JPNJAE
42	1310	97	Transmission and Capture Measurements for ^{241}Am at GELINA	Peter Schillebeeckx	2ZZZGEL
43	1311	215	Measurement of Neutron-Production Cross Sections for 290 MeV/u Carbon Ion Incidence	Daisuke Moriguchi	2JPNIRS
44	1317	81	Measurement of the $^{236}\text{U}(n, f)$ Cross-Section at n_TOF	Raul Sarmiento	2ZZZCER
45	1321	4	Neutron Elastic Scattering Cross-Section Measurements at 175 MeV	Milan Tesinsky	2SWDUPP
46	1331	16	The Measurement of Neutron Activation Cross Section of ^{59}Co Below 36 MeV.	Eva Šimečková	3CZRUJF

47	1334	119	Fragment DDX Measurement of Proton Induced Reactions on Light-Medium Nuclei for Energy Range from Reaction Threshold to a few Hundred MeV	Toshiya Sanami	2JPNIRS 2JPNOSA
48	1338	132	Neutron Capture Measurements on Minor Actinides at the n TOF Facility at CERN: Past, Present and Future	Daniel Cano-Ott	2ZZZCER
49	1354	5	Measurements of Double-Differential Cross Sections on Inelastic Neutron Scattering from ^{12}C , ^{56}Fe , ^{89}Y and ^{208}Pb	Cecilia Gustavsson	2SWDUPP
51	1357	216	Excitation Functions for the $^{27}\text{Al}(\text{p}, \text{x})^{22,24}\text{Na}$ Nuclear Reactions up to 40 MeV	Kwangsoo Kim	3KORKRM
52	1363	4	Neutron Inelastic Cross Section Measurements for Sodium	Arjan Plompen	2ZZZGEL
53	1366	217	Neutron-Deuteron Elastic Scattering Measurements	Arjan Plompen	2ZZZGEL
54	1380	96	Measurements of Neutron-Capture Cross-Sections of ^{244}Cm at the J-PARC/MLF/NNRI	Atsushi Kimura	2JPNJAE
55	1390	218	Measurement of (γ, n) Cross Sections of Se Isotopes Using Laser-Compton Scattering γ -rays	Fumito Kitatani	2JPNJAE
56	1392	74	Measurement of Neutron Yields from Thick Targets Bombarded with 18 MeV Protons	Masayuki Hagiwara	2JPNJAE
58	1399	53	Study of Light Charged Particle Production Double-Differential Cross Sections from Proton-Actinide Reactions at 300 to 600 MeV	Aleksandre Mzhavia	4ZZZDUB
59	1401	220	Measurement of Proton-production Double Differential Cross Sections by 290 MeV/u Carbon Beams on C, Cu and Pb Targets at Forward Angles	Kazuya Tahara	2JPNIRS
60	1402	131	Measurement of Neutron Capture Cross Section and Gamma-ray Spectra of ^{88}Sr in the keV Energy Region	Tatsuya Katabuchi	2JPNTIT
62	1422	193	Yields of Fission Products in the Gamma Induced Fission of Preactinides and Actinides	Guinyun Kim	3KORPUE
63	1430	15	Investigation of Production Possibilities of Radiobromines for Diagnostic and Therapeutic Applications	Ingo Spahn	3SAFITH
64	1431	141	Systematic Study on keV-Neutron Capture Reaction of Se Isotopes	Masayuki Igashira	2JPNTIT
66	1438	118	Total Fission Cross Sections in Proton Induced Reactions on Tantalum Targets	Jose Benlliure	2GERGSI
67	1450	118	Analysis of the Dosimetry Cross Sections Measurements up to 35 MeV with the $^7\text{Li}(\text{p}, \text{xn})$ Quasi-Monoenergetic Neutron Source	S.P. Simakov	3CZRUJF
68	1466	42	Neutron Total and Capture Cross Section of W Isotopes	Christos Lampoudis	2ZZZGEL
69	1471	65	Measurement of Fragment Mass Yields in Neutron-Induced Fission of ^{232}Th and ^{238}U at 33, 45 and 60 MeV	Vasily Simutkin	2BLGLVN
70	1476	109	Systematic Investigation on Momentum Distributions of Projectile-like Fragments at $E/A = 290$ MeV/u	Sadao Momota	2JPNIRS
71	1482	222	Elastic and Inelastic Neutron Scattering Cross Sections for $^{\text{nat}}\text{Pb}$, ^{209}Bi and ^{181}Ta in the Energy Range from 2 MeV to 4 MeV	Ralf Nolte	2GERPTB
72	1483	28	Measurement of $(\text{n}, \text{xn}\gamma)$ Reactions of Interest for the New Nuclear Reactors	Jean Claude Thiry	2ZZZGEL

74	1495	223	Cross Section Measurements of Proton Induced Reactions on ^{55}Mn and Comparison of Experimental Results with Different Nuclear Model Calculations	Bernhard Scholten	2BLGJUL
75	1502	99	Experimental Approaches to Studying the Fission Process Using the Surrogate Reaction Technique	Jason Burke	1USABRK
76	1503	131	Neutron Capture on ^{209}Bi : Determination of the Production Ratio of $^{210\text{m}}\text{Bi}$ / $^{210\text{g}}\text{Bi}$	Frank Gunsing	2ZZZGEL
77	1506	65	Measurement of the neutron induced fission of ^{245}Cm in the resolved resonance region and its resonance analysis	O.Serot	2ZZZGEL
78	1516	64	High-energy Neutron-induced Fission Cross Sections of ^{nat}Pb and ^{209}Bi	Diego Tarrio	2ZZZCER
79	1519	55	$^{237}\text{Np}(\text{n},\text{f})$ Cross Section: New Data and Present Status	Carlos Paradela	2ZZZCER
80	1520	36	Neutron-Capture Studies on ^{235}U and ^{238}U via AMS	Anton Wallner	2GERKFK
82	1522	202	Production of Long-lived Radionuclides ^{10}Be , ^{14}C , ^{53}Mn , ^{55}Fe and $^{59,63}\text{Ni}$ in a Fusion Environment	Anton Wallner	2ZZZGEL
84	1531	54	Fission Cross-section Measurements of ^{233}U , ^{245}Cm and $^{241,243}\text{Am}$ at CERN n_TOF Facility	Marco Calviani	2ZZZCER
85	1537	98	Measurement of Energy-Angular Neutron Distribution for ^7Li , $^9\text{Be}(\text{p},\text{xn})$ Reaction at $E_p = 70$ MeV and $E_p = 11$ MeV	Mamoru Baba	2JPNTOH
87	1548	27	Measurement of High Energy Neutron Induced Cross Sections for Chromium, Yttrium and Terbium	Shun Sekimoto	2JPNOSA
89	1581	194	Excitation Functions of Proton Induced Reactions on ^{89}Y and ^{93}Nb with Emphasis on the Production of Selected Radio-Zirconiums	G.F. Steyn	?
90	1589	52	The Activation of Fe by Deuterons at Energies up to 20 MeV	Lukáš Závorka	3CZRUJF
91	1621	108	Cross Sections of Bismuth and Polonium Isotopes in the Reaction of ^{209}Bi with Protons	Y.H. Chung	3KORKRM
99	1672	132	Neutron-Induced Capture Cross Sections via the Surrogate Reaction Method	Guillaume Boutoux	2FR ???
100	1677	227	On Low and Medium Energy Deuteron-induced Reactions on $^{63,65}\text{Cu}$	Eva Šimečková	3CZRUJF
101	1697	227	Measurements of Thermal Neutron Capture Cross Sections of Low Abundance Stable Isotopes	Jeong-Yeon Lee	3KORKAE
102	1708	57	Shielding Parameter Evaluation for GeV-range Electron Accelerator: Double Differential Photoneutron Yield	Hee-Seock Lee	3KORPUE
103	1710	6	Invariant Mass Spectroscopy for the Neutron Rich Nuclei	Y. Satou	2JPNIPC
104	1721	57	Multi-particle Photonuclear Reactions behind Giant Dipole Resonance	Irina Makarenko	4RUSMOS
105	1732	96	Cross Sections for Neutron Capture from Surrogate Measurements	Jutta Escher	1USABRK
106	1785	106	Neutron Studies for Dating the Universe	F. Käppeler	2ZZZCER 2GERKFK