

NDS Publications in 2018 - 2020

Newsletter	Nuclear data newsletter N ^{os} 64, 65, 66, 67, 68 and 69.
Technical Reports:	Atomic and Plasma-Material Interaction Data for Fusion, STI/PUB/023/APID/18, 2019.
IAEA-NDS-39	PREPRO 2018, 2018 ENDF/B Pre-processing Codes (ENDF/B-VIII Verified)
IAEA-NDS-0215 Rev. 2018/06	NRDC Protocol (Protocol of Cooperation Between Nuclear Reaction Data Centres)
IAEA-NDS-0223 Rev. 1 2020/09	ACEMAKER-2017: A code package to produce ACE-formatted files for MCNP calculations
IAEA-NDS-0224 Rev. 1 2018/04	A Survey of Atomic Binding Energies for use in EPICS2017
IAEA-NDS-0225 Rev. 1 2018/02	A Survey of Photon Cross Section Data for Use in EPICS2017
IAEA-NDS-0227	POINT 2018: ENDF/B-VIII Final Temperature Dependent Cross Section Library
IAEA-NDS-0228	EPICS2017: April 2019 Status Report
IAEA-NDS-0229	PREPRO 2019 - 2019 ENDF/B-VIII Pre-processing Codes
IAEA-NDS-0230	Implementation of the Hauser-Feshbach theory for Fission Product Yield Evaluation and Fission Modelling
IAEA-NDS-0231	User Manual for GANDR GUI
IAEA-NDS-0232	Processing of the Evaluated Photonuclear Data Library (IAEA/PD-2019)
IAEA-NDS-0233	TENDL 2019 POINTWISE 2020 - Temperature Dependent Cross Section Library
IAEA-NDS-0234	RESONANCETABLES-1.0: Database for thermal cross sections, MACS and average resonance parameters
IAEA-NDS-0235	EXFORTABLES-1.0: An experimental nuclear reaction database based on EXFOR
IAEA-NDS-0236	Tools for TALYS: Autotalys, T6, TENDL, libraries and more

- INDC-(NDS)-0692 Summary Report of the Consultants' Meeting on Inelastic Scattering Data of Major Actinides
- INDC-(NDS)-0694 Summary Report of the Consultants' Meeting on Compensating Effects due to Nuclear Reaction and Material Cross Correlations in Integral Benchmarks
- INDC-(NDS)-0734 Summary Report of the First Research Coordination Meeting on Plasma-wall Interaction with Reduced-activation Steel Surfaces in Fusion Devices
- INDC-(NDS)-0739 Evaluation of the ${}^7\text{Li}(n,n'\gamma 478\text{ keV})\gamma$ -ray production reaction cross section for standards
- INDC-(NDS)-0740 Evaluation of the ${}^{48}\text{Ti}(n,n'\gamma 948)\gamma$ -ray production reaction cross section for standards
- INDC-(NDS)-0745 Summary Report of the Second Research Coordination Meeting on Photonuclear Data Library and Generating a Reference Database for Photon Strength Functions
- INDC-(NDS)-0746 Summary Report of the Consultants' Meeting on the Integral Data in Nuclear Data Evaluation
- INDC-(NDS)-0748 Summary Report of the Technical Meeting on Nuclear Data Processing
- INDC-(NDS)-0749 Summary Report of the Workshop on Compilation of Experimental Nuclear Reaction Data for EXFOR Database
- INDC-(NDS)-0750 Some Algorithms for Evaluating Nuclear Data and Generating Uncertainty Covariance Matrices
- INDC-(NDS)-0751 On the Benchmarking of New Evaluated Nuclear Data Libraries
- INDC-(NDS)-0752 Summary Report of the Technical Meeting on Technical Aspects of Atomic and Molecular Data Processing and Exchange Centre Network
- INDC-(NDS)-0753 Summary Report of the Technical Meeting on International Atomic and Molecular Code Centres Network on a Database of Atomic Configurations Formed in Collisional Cascades
- INDC-(NDS)-0754 Summary Report of the Second Research Coordination Meeting on Plasma-wall Interaction with Reduced-activation Steel Surfaces in Fusion Devices
- INDC-(NDS)-0755 Summary Report of the Consultants' Meeting on Atomic Data for Vapour Shielding in Fusion Devices
- INDC-(NDS)-0756 Report of the IAEA Nuclear Data Section to the International Nuclear Data Committee for the period January 2016 - December 2017
- INDC-(NDS)-0757 On the Benchmarking of INDEN Improved Iron Evaluations

INDC-(NDS)-0758	Update of the Evaluated Neutron Cross Section Libraries for the Geant4 Code
INDC-(NDS)-0759	ENDF/B-VIII versus ENDF/B-VII: What's Different?
INDC-(NDS)-0760	Summary Report of the Consultants' Meeting on INDEN I - On the Resonance Parameters of Fissile Actinides
INDC-(NDS)-0761	Investigation of the Effects of Probability Density Function Kurtosis on Evaluated Data Results in
INDC-(NDS)-0762	Summary Report of the Technical Meeting of International Network of Nuclear Reaction Data Centres
INDC-(NDS)-0763	Summary Report of the Consultants' Meeting on Nuclear Data Portal Web Tools
INDC-(NDS)-0764	Summary Report of the Consultants' Meeting on Compilation of Nuclear Data Experiments for Radiation Characterisation (CoNDERC)
INDC-(NDS)-0765	Summary Report of the 21st Meeting of the IFRC Subcommittee on Atomic and Molecular Data for Fusion
INDC-(NDS)-0766	Summary Report of the Technical Meeting on Nuclear Data Processing
INDC-(NDS)-0767	Summary Report of the Consultants' Meeting on R-matrix Codes for Charged-particle Reactions in the Resolved Resonance Region (4)
INDC-(NDS)-0768	Summary Report of the Consultants' Meeting on International Nuclear Data Evaluation Network (INDEN) Meeting on the Evaluation of Light Elements
INDC-(NDS)-0769	Summary Report of the Consultants' Meeting on FENDL Library for Fusion Neutronics Calculations
INDC-(NDS)-0770	Summary Report of the Consultants' Meeting on International Nuclear Data Evaluation Network (INDEN) Meeting on the Evaluation of Structural Materials
INDC-(NDS)-0771	MCNP modelling of the ASPIS Iron88 SINBAD shielding benchmark
INDC-(NDS)-0772	Revision and Update of experimental Gamma-Ray Strength Functions Derived from the Discrete Neutron Resonance Capture
INDC-(NDS)-0773	Summary Report of the Workshop on Compilation of Experimental Nuclear Reaction Data for EXFOR Database
INDC-(NDS)-0774	Summary Report of the Technical Meeting on Improvement of Analysis Codes for Nuclear Structure and Decay Data Evaluations
INDC-(NDS)-0776	Summary Report of the Technical Meeting on Nuclear Data for Medical Applications

INDC-(NDS)-0777	Summary Report of the Second Research Coordination Meeting on Updating Photonuclear Data Library and Generating a Reference Database for Photon Strength Functions
INDC-(NDS)-0778	The Importance of Resonance Self-Shielding
INDC-(NDS)-0779	Summary Report of the Technical Meeting on Atomic, Molecular and Plasma-Material Interaction Data Evaluation and Development
INDC-(NDS)-0780	Summary Report of the Second Research Coordination Meeting on Data for Atomic Processes of Neutral Beams in Fusion Plasma
INDC-(NDS)-0781	Summary Report of the First Research Coordination Meeting on Atomic Data for Vapour Shielding in Fusion Devices
INDC-(NDS)-0782	Summary Report of the Third Research Coordination Meeting on Plasma-wall Interaction with Reduced-activation Steel Surfaces in Fusion Devices
INDC-(NDS)-0783	Summary Report of the Technical Meeting on International Network of Nuclear Structure and Decay Data (NSDD) Evaluators
INDC-(NDS)-0784	New Aggregate Data in the IAEA Reference Database for Beta-delayed Neutron Emission
INDC-(NDS)-0785	MCNP modelling of the TIARA SINBAD shielding benchmark
INDC-(NDS)-0786	Summary Report of the Technical Meeting on Nuclear Data for Antineutrino Spectra and their Applications
INDC-(NDS)-0787	Summary Report of the Consultants' Meeting on R-Matrix Codes for Charged-particle Reactions in the Resolved Resonance Region (5)
INDC-(NDS)-0788	Summary Report of the Consultants' Meeting on International Nuclear Data Evaluation Network (INDEN) Meeting on the Evaluation of Light Elements (2)
INDC-(NDS)-0789	IAEA Coordinated Research Project F41031: Testing and Improving the IAEA International Reactor Dosimetry and Fusion File (IRDF)
INDC-(NDS)-0790	Strength Functions Derived from The Discrete and Average Neutron Resonance Capture
INDC-(NDS)-0791	A Global Fitting Method with the R-Matrix code RAC
INDC-(NDS)-0792	Summary Report of the Technical Meeting of International Network of Nuclear Reaction Data Centres (NRDC)
INDC-(NDS)-0793	Summary Report of the Consultants' Meeting on Fission Product Yield Experimental Database
INDC-(NDS)-0794	Table of recommended nuclear magnetic dipole moments

- INDC-(NDS)-0795 Summary Report of the Technical Meeting on Nuclear Data for Neutron Activation Analysis and Dosimetry
- INDC-(NDS)-0796 Evaluation of $^{50}\text{Cr}(n,\gamma)^{51}\text{Cr}$, $^{56}\text{Fe}(n,x)^{54}\text{Mn}$, $^{57}\text{Fe}(n,x)^{56}\text{Mn}$, and $^{68}\text{Zn}(n,x)^{67}\text{Cu}$ reaction cross sections for the IRDF library
- INDC-(NDS)-0797 Summary Report of the Technical Meeting on FENDL Library for Fusion Neutronics Calculations
- INDC-(NDS)-0798 Summary Report of the Technical Meeting on Processing Codes
- INDC-(NDS)-0799 Photon Strength Functions in Thermal Neutron Capture
- INDC-(NDS)-0800 Summary Report of the Consultants' Meeting on Evaluation of Fundamental Data on Beryllium-containing Species for Edge Plasma Modelling
- INDC-(NDS)-0803 Summary Report of the Technical Meeting of the International Atomic and Molecular Code Centres Network on Database Services for Radiation Damage in Nuclear Materials
- INDC-(NDS)-0804 Summary Report of the Technical Meeting of the International Nuclear Data Evaluation Network (INDEN) on Actinide Evaluation in the Resonance Region
- INDC-(NDS)-0805 Summary Report of the Technical Meeting on Development of Software Programs and Database Tools for Modelling Edge Plasma Processes in Fusion Devices
- INDC-(NDS)-0806 Summary Report of the Technical Meeting of the International Nuclear Data Evaluation Network (INDEN) on the Evaluated Data of the Structural Materials
- INDC-(NDS)-0807 Scission Neutrons in Spontaneous and Neutron-Induced Fission: Effect on Prompt Fission Neutron Spectra
- INDC-(NDS)-0808 Scission Neutrons from Thermal Neutron induced Fission of ^{239}Pu and spontaneous Fission of ^{252}Cf
- INDC-(NDS)-0809 Experimental Investigation of the Properties of Scission Neutrons in Thermal-Neutron Induced Fission of ^{233}U and ^{235}U
- INDC-(NDS)-0810 Evaluation of Thermal Neutron Capture Gamma Spectra
- INDC-(NDS)-0811 Investigation of the Effects of Probability Density Function Kurtosis on Evaluated Data Results
- INDC-(NDS)-0812 Classification of Processes in Plasma Physics, Version 2.0, April 2020
- INDC-(NDS)-0813 Summary Report of the Consultants' Meeting on Hydrogen Permeation in Fusion-relevant Materials
- INDC-(NDS)-0814 The Importance of Resonance Self-Shielding - Part 2

INDC-(NDS)-0815	Photon Strength Functions in Thermal Neutron Capture II
INDC-(NDS)-0816	Table of Recommended Nuclear Magnetic Dipole Moments - Part II, Short-lived States
INDC-(NDS)-0819	A Survey of ENDF/B-VIII Resonance Parameters (MF=2)
INDC-(NDS)-0821	Addendum to IAEA(NDS) reports on the neutron capture photon strength functions
INDC-(NDS)-0822	Summary Report of the Consultants' Meeting on Nuclear Data Forms and Observables for the Safe Monitoring, Characterization, Dismantling, Decommissioning and Disposal of Nuclear Fuel and Irradiated Material from Pile, Experiment, Facility and Nuclear Power Plant (MCDDD)

<u>Report</u>	<u>Country of Origin</u>	<u>Numbers of Reports</u>	<u>Total Reports</u>
INDC(AUS)	Austria	0022	1
INDC(CCP)	Russian Federation	0461	1
INDC(CZR)	Czech Republic	004 Rev	1
INDC(EUR)	European Commission	0033 - 0037	5
INDC(JPN)	Japan	0204 - 0206	3
INDC(KAS)	Kazakhstan	0002	1
INDC(KOR)	Korea, Republic of	006	1
INDC(MGL)	Mongolia	0001	1