

# Nuclear Structure and Decay Data Evaluation in Europe

A. Negret<sup>1</sup>, D. Balabanski<sup>2</sup>, P. Dimitriou<sup>3</sup>, Z. Elekes<sup>4</sup>, Th. Mertzimekis<sup>5</sup>, S. Pascu<sup>1</sup>, J. Timar<sup>4</sup>

<sup>1</sup> Nuclear Physics Department, Horia Hulubei National Institute for Physics and Nuclear Engineering, ROMANIA

<sup>2</sup> ELI-NP, Horia Hulubei National Institute for Physics and Nuclear Engineering, ROMANIA

<sup>3</sup> Nuclear Data Section, International Atomic Energy Agency, AUSTRIA

<sup>4</sup> MTA Atomki, HUNGARY

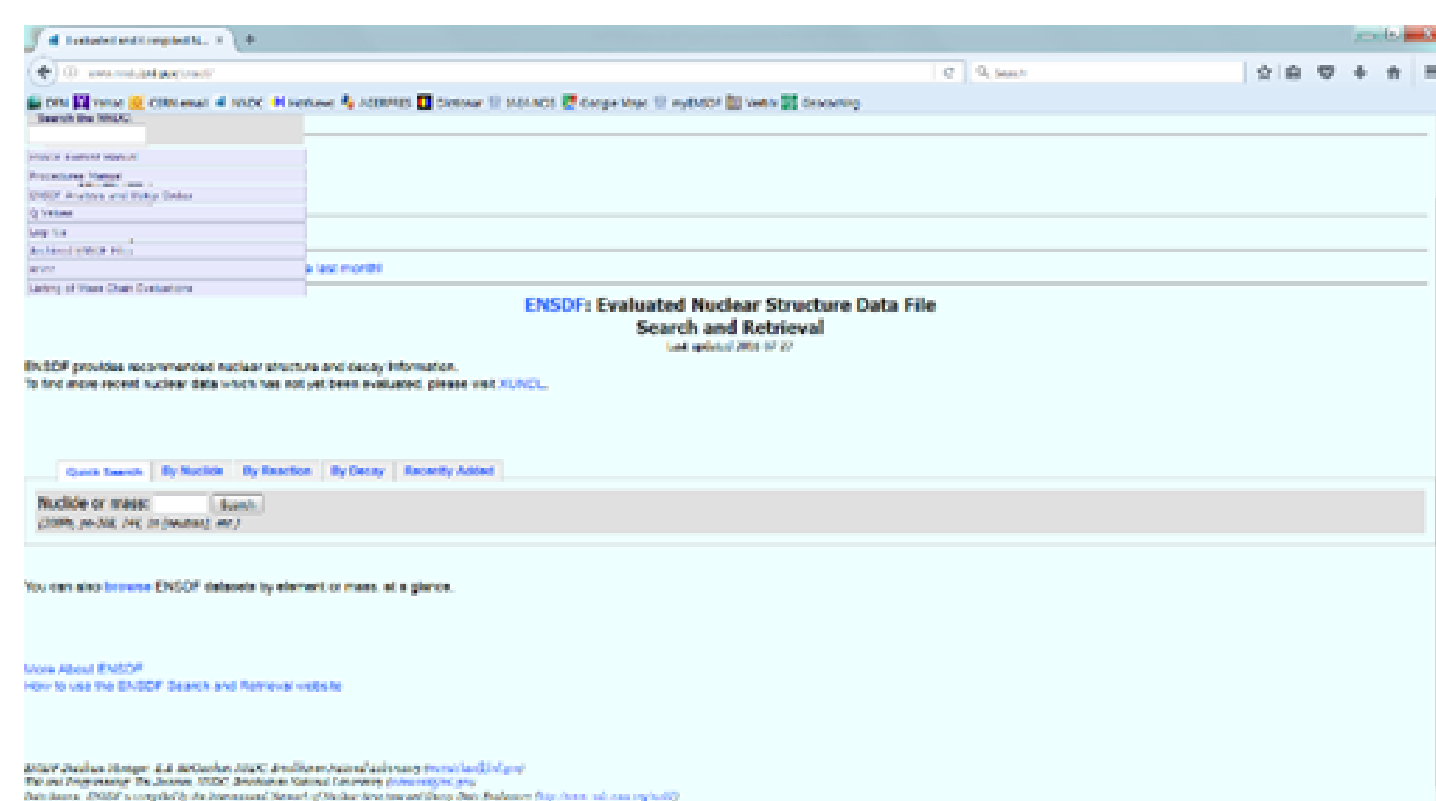
<sup>5</sup> Faculty of Physics, University of Athens, GREECE

## ENSDF

The Evaluated Nuclear Structure Data File

- The most important nuclear structure database

- Widely used in:   
Basic physics   
Applications



## NSDD

Nuclear Structure and Decay Data Network of evaluators

- Coordinated by IAEA

- Evaluates the available experimental information

- Updates ENSDF

- Results published in Nuclear Data Sheets

DATA CENTRES	1981	1986	1996	2008	2016
North America	6	6	6	6	7
Europe	6	5	4	1	2 (!!!)
Russia	2	2	2	1	1
Japan	1	1	1	1	1
China	-	-	1	2	2
Rest of the world	1	1	1	3	2

### ENSDF DATA EVALUATION CENTERS

- a. National Nuclear Data Center, Brookhaven National Laboratory, Upton, NY 11973, U.S.A. Contact: J. K. Tuli, email: jtuli@nndc.gov
- b. Nuclear Data Project, Oak Ridge National Laboratory, Oak Ridge, TN 37831, U.S.A. Contact: M. S. Smith, email: smithm@ornl.gov
- c. Isotopes Project, Lawrence Berkeley National Laboratory, Berkeley, CA 94720, U.S.A. Contact: E. Browne, email: ebrowne@lbl.gov
- d. Triangle University Nuclear Lab, Duke University, Durham, NC 27706, U.S.A. Contact: J. H. Kelley, email: kelley@ncsu.edu
- e. Argentine National Laboratory, 9700 South Cass Ave., Argonne, IL 60439-4815, U.S.A. Contact: F. G. Kondev, email: kondev@anl.gov
- f. National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, MI 48824, U.S.A. Contact: M. Thoennessen, email: Thoennessen@msu.edu
- g. Data Center of the Petersburg Nuclear Physics Institute, Gatchina, Leningrad Region, 188300, Russia. Contact: L.A. Mitropolsky, email: mitral@ns.iaphts.ru
- h. Institute of Atomic Energy, P.O. Box 251141, Beijing, PRC. Contact: Huang Xiaobang, email: huangxiaobang@iaea.org
- i. Jilin University Physics Dept., Changchun 130025, PRC. Contact: Dong Yang, email: dyang@jlu.edu.cn
- j. Indian Institute of Technology, Department of Physics, Bangalore, Uraswathi 560075, India. Contact: A. K. Jain, email: ajain@iitb.ac.in
- k. Nuclear Data Center, JARRI, Tokai-Mura, Naka-Gun, Ibaraki-Ken 319-1195, Japan. Contact: H. Inamura, email: inamura.kokoku@jarrri.go.jp
- l. National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, MI 48824, U.S.A. Contact: M. Thoennessen, email: Thoennessen@msu.edu
- m. Det. of Physics and Astronomy, McMaster University, Hamilton, Ontario L8S 4L1, Canada. Contact: B. Singh, email: bsingh@mcmaster.ca
- n. Australian National University, Dept. of Nuclear Physics, Canberra ACT 2608, Australia. Contact: T. Kibedi, email: T.Kibedi@anu.edu.au
- o. Institute of Nuclear Research, Hungarian Academy of Sciences, Bem ter 18b, P.O. Box 5, 4001 Debrecen, Hungary. Contact: J. Timar, email: timar@mafmia.ATOMKI.HU
- p. Horia Hulubei National Institute for Physics and Nuclear Engineering IFIN-HH, Reactorului 30, 077125 Babover/Magurele, Romania. Contact: A. Negret, email: anegret@nucleon.igpe.ro

### A-Chain Evaluation Responsibility

Center	Mass Chains	Center	Mass Chains
a. USNNDIC	42-92,100-116, 122-130, 136-146, 152-160, 166-174, 180-188, 194-202, 208-216, 222-230, 236-244, 250-258, 264-272, 278-286, 292-300, 306-314, 320-328, 334-342, 348-356, 362-370, 376-384, 390-398, 404-412, 418-426, 432-440, 446-454, 460-468, 474-482, 488-496, 502-510, 516-524, 530-538, 544-552, 558-566, 572-580, 586-594, 600-608, 614-622, 628-636, 642-650, 656-664, 670-678, 684-692, 698-706, 712-720, 726-734, 740-748, 754-762, 768-776, 782-790, 796-804, 810-818, 824-832, 838-846, 852-860, 866-874, 880-888, 894-902, 908-916, 922-930, 936-944, 950-958, 964-972, 978-986, 992-1000, 1006-1014, 1020-1028, 1034-1042, 1048-1056, 1062-1070, 1076-1084, 1090-1098, 1104-1112, 1118-1126, 1132-1140, 1146-1154, 1160-1168, 1174-1182, 1188-1196, 1198-1206, 1212-1220, 1226-1234, 1240-1248, 1254-1262, 1268-1276, 1282-1290, 1296-1304, 1310-1318, 1324-1332, 1338-1346, 1352-1360, 1366-1374, 1380-1388, 1394-1402, 1408-1416, 1422-1430, 1436-1444, 1450-1458, 1464-1472, 1478-1486, 1492-1500, 1506-1514, 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