National Standard Reference Data System

U.S. Department of Commerce
National Bureau of Standards
Office of Standard Reference Data
Washington, D.C. 20001
The NSRDS is a nation-wide program to provide to the U.S. technical community optimum access to the quantitative data of physical science, critically evaluated and compiled for convenience. It was established in 1963 by action of the President’s Office of Science and Technology. Responsibility for administering this effort was given to the National Bureau of Standards. The Office of Standard Reference Data was set up as the management vehicle. Congress endorsed and strengthened the program in 1968 by passing the National Standard Reference Data Act.

The technical scope of the NSRDS is indicated by the principal categories of data compilation projects now active or being planned: nuclear properties, atomic and molecular properties, thermodynamic and transport properties, solid state properties, chemical kinetics, colloid and surface properties and mechanical properties.
The NBS-NSRDS series of publications are intended primarily to include evaluated reference data and critical reviews of long-term interest to the scientific and technical community.

Publications Issued in the NSRDS Series


NBS-NSRDS-12, (C13.48:12) Tables, for the Rigid Asymmetric Rotor: Transformation Coefficients From Symmetric to Asymmetric Bases and Expectation Values of $P_{2}^{1}$, $P_{2}^{2}$, and $P_{2}^{3}$, by R. H. Schwendeman, 1968 (60 cents).


NBS-NSRDS-35, (C13.48:35/Vols. I, II, and III) Atomic Energy Levels as Derived From the Analyses of Optical Spectra. Vol. I, \( ^1 \)H to \( ^{23} \)V; Vol. II, \( ^{24} \)Cr to \( ^{41} \)Nb; Vol. III, \( ^{42} \)Mo to \( ^{57} \)La, \( ^{72} \)Hf to \( ^{89} \)Ac, by C. E. Moore, 1972 (Vol. I, $5; Vol. II, $4.25; Vol. III, $4.50).


NSRDS-UCRL-20000 YN, A Compilation of YN Reactions, by the Berkeley Particle Data Group, January 1970.


NSRDS-UCRL-20000 NN, NN and ND Interactions [above 0.5 GeV/c]-A Compilation, by the Berkeley Particle Data Group, August 1970.

Other NBS Compilations of Data


NBS Tech Note 270-6, (C13.46:270-6) Selected Values of Chemical Thermodynamic Properties, Tables for the Alkaline Earth Elements [Elements 92 through 97 in the Standard Order of Arrange-
ment], by V. B. Parker, D. D. Wagman, and W. H. Evans, 1971 ($1.25).


Nondata Publications from NSRDS Related Projects

NBS Misc. Publ. 277, (PB191754) Photonuclear Data Index, prepared by the Photonuclear Data Group, NBS Radiation Physics Division, 1966 (55 cents).


**Publications in the OSRD Bibliography Series**


Publications of the Atomic and Molecular Processes Information Center

Oak Ridge National Laboratory

Oak Ridge, Tennessee

ORNL-AMPIC-1, *Bibliography of Atomic and Molecular Processes for 1963*, compiled by the Atomic and Molecular Processes Information Center (July 1965).
ORNL-AMPIC-2, Directory of International Workers in the Field of Atomic and Molecular Collisions, September 1965 (October 1965).

ORNL-AMPIC-3, Bibliography of Atomic and Molecular Processes for 1964, compiled by the Atomic and Molecular Processes Information Center (March 1966).

ORNL-AMPIC-6, Bibliography of Atomic and Molecular Processes for July-December 1965, compiled by the Atomic and Molecular Processes Information Center (September 1967).

ORNL-AMPIC-7, Bibliography of Atomic and Molecular Processes for January-June 1966, compiled by the Atomic and Molecular Processes Information Center (October 1967).

ORNL-AMPIC-8, Bibliography of Atomic and Molecular Processes for July-December 1966, compiled by the Atomic and Molecular Processes Information Center (October 1967).


ORNL-AMPIC-10, Bibliography of Atomic and Molecular Processes for July-December 1967, compiled by the Atomic and Molecular Processes Information Center (June 1968).

ORNL-AMPIC-11, Bibliography of Atomic and Molecular Processes for January-June 1968, compiled by the Atomic and Molecular Processes Information Center (January 1969).

ORNL-AMPIC-12, Bibliography of Atomic and Molecular Processes for July-December 1968, compiled by the Atomic and Molecular Processes Information Center (June 1969).


Publications of the Joint Institute for Laboratory Astrophysics, NBS

Boulder, Colorado

PB189132, Kieffer, L. J., Bibliography of Photoabsorption Cross Section Data, JILA Information Center Report #5, 32 pages (April 1968).

AD695692, Sinnott, George A., Bibliography of Ion-Molecule Reaction Rate Data, JILA Information Center Report #9, 80 pages (August 1969).


Publications of the Radiation Chemistry Data Center
University of Notre Dame
Notre Dame, Indiana


COO-38-661, Bibliography on Radiation Chemistry of Alkanes (May 1969).


NOTE: If your name is on more than one of our specialized mailing lists you may receive other copies of this announcement.