

PHYSICAL REVIEW C

NUCLEAR PHYSICS

Editors

SAM M. AUSTIN

Associate Editors

GERARD J. DREISS BENJAMIN F. GIBSON

Editorial Board

Term ending 31 December 1988

GERALD A. MILLER
FRANZ PLASIL
PHILIP J. SIEMENS
W. T. H. VAN OERS

Term ending 31 December 1989

DONALD F. GEESAMAN
JUNE L. MATTHEWS
ERNEST ROST

Term ending 31 December 1990

JEAN-PAUL BLAIZOT
RICHARD F. CASTEN
W. HAEBERLI
F. IACHELLO

Published through the
American Institute of Physics
by

The American Physical Society

President

VAL L. FITCH

President-Elect

JAMES A. KRUMHANS

Vice-President

EUGEN MERZBACHER

Executive Secretary

W. W. HAVENS, JR.

Treasurer

HARRY LUSTIG

Editor-in-Chief

DAVID LAZARUS

Deputy Editor-in-Chief

P. D. ADAMS

Editorial Office:

1 Research Road
Box 1000
Ridge, NY 11961
Telephone: (516) 924-5533
Telex: 971599
Cable Address: PHYSREV RIDGENY
FAX: (516) 924-5294
BITNET Address: * prc@APSEDOFF

*Not for transmission of manuscripts

Production and distribution by

American Institute of Physics
500 Sunnyside Blvd.
Woodbury, NY 11797
Telephone: (516) 349-7800

Manuscripts for publication should be submitted to the Editorial Office in triplicate. Information for contributors may be found in the January and July issues. Submission is a representation that the manuscript has not been published previously and is not currently under consideration for publication elsewhere. The manuscript should be accompanied by a statement transferring copyright to APS. A transfer form may be found in the 21 March 1988 issue of *Physical Review Letters*.

To support wide dissemination of research results through publication of journal pages, the authors' institutions are requested to pay a publication charge of \$25 per page plus a \$50 abstract charge. Reprints are offered for sale to authors at the current price.

Address all correspondence regarding manuscripts to the Editorial Office. Address correspondence regarding proofs and reprints to the American Institute of Physics.

Subscriptions at the annual domestic nonmember rate cost \$385. Complete member and nonmember subscription rates and related information may be found in the January and July issues. **Member subscriptions are for personal use only.** Back issues of the Annual Index to *Physical Review* and *Physical Review Letters* may be purchased for \$40.00. **Single-copy prices** of the 1981-1985 *Physical Review-Physical Review Letters Cumulative Author Index* are: Members \$40.00; Nonmembers \$120.00. Address correspondence regarding subscriptions, renewals, address changes, and single-copy orders to the American Institute of Physics.

Copyright 1988 by The American Physical Society

Permission is granted to quote from this journal with the customary acknowledgment of the source. To reprint a figure, table, or other excerpt requires, in addition, the consent of one of the original authors and notification of APS. **No copying fee** is required when copies of articles are made for educational or research purposes by individuals or libraries (including those at government and industrial institutions). **Republication** or reproduction for sale of articles or abstracts in this journal is permitted only under license from APS; in addition, APS may require that permission also be obtained from one of the authors. Address inquiries to the Executive Secretary, The American Physical Society, 335 East 45th Street, New York, NY 10017.