PHYSICAL REVIEW C

NUCLEAR PHYSICS

Editor
SAM M. AUSTIN

Associate Editors
BENJAMIN F. GIBSON ROBERT L. McGRATH

Assistant Editor
CHRISTOPHER WESSELBORG

Assistant to the Editor
DEBBIE BRODBAR

Editorial Board

Term ending 31 December 1994
GERALD T. GARVEY
JAMES J. KOLATA
VIJAY R. PANDHARIPANDE
EDWARD SHURYAK

Term ending 31 December 1995
IRAJ R. AFNAN
JOLIE A. CIZEWSKI
ALEX C. MUELLER
D. STROTTMAN

Term ending 31 December 1996
OTTO HÄUSSER
ROBERT D. McKEOWN
WITOLD NAZAREWICZ
KOICHI YAZAKI

Published through the
American Institute of Physics
by
The American Physical Society

President
BURTON RICHTER

President-Elect
C. KUMAR N. PATEL

Vice-President
J. ROBERT SCHRIEFFER

Treasurer
and Acting Executive Secretary
HARRY LUSTIG

Editor-in-Chief
BENJAMIN BEDERSON

Editorial Office:

1 Research Road
Box 1000
Ridge, NY 11961
Telephone: (516) 924-5533
Telex: 971599
Cable: PHYSREV RIDGENY
FAX:* (516) 924-5294
INTERNET:* prc@aps.org
***Not for transmission of manuscripts**

For electronic submission
of manuscripts use prtex@aps.org

Production and distribution by

American Institute of Physics
500 Sunnyside Blvd.
Woodbury, NY 11797
Telephone: (516) 576-2200
FAX: (516) 349-1802

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. A signed statement concerning **transfer of copyright** to APS (to take effect upon publication) is essential, and should be included with the submission. A copyright-transfer form appears at the end of some issues of *Physical Review Letters* and is available from the Editorial Office.

Authors' institutions are requested to pay a **publication charge** of $50 per page plus a $50 abstract fee. Compuscripts are excepted from this request as part of a three-year pilot program beginning 1 July 1992. Reprints are offered for sale to authors.

Subscription prices (table below) for **nonmember subscribers** are for the period of January–December 1994. Back-number price: Single copies, $75.

	No. Issues	U.S.A. & Poss.	Can., Mex., Cntrl. & S. Amer., & Carib.	Europe, Asia, Africa, & Oceania Surface Mail	Air Freight	Optional Air Freight
Physical Review C						
Nonmembers	12	$ 800	$ 825	–	$ 880	–
Physical Review A, B, C, D, E						
Nonmembers	108	$6400	$6655	–	$7110	–

Inquiries regarding subscriptions, renewals, address changes, missing or damaged copies, microfilm, and single-copy orders should be addressed as follows:

Members: APS Membership Department, One Physics Ellipse, College Park, MD 20740-3844.

Nonmembers: Circulation and Fulfillment Division, American Institute of Physics, 500 Sunnyside Blvd., Woodbury, NY 11797. Allow at least six-weeks advance notice. For address changes please send both old and new addresses, and, if possible, include an address stencil imprint from the mailing wrapper of a recent issue. A change-of-address form is included in every issue of *Physics Today*.

The Annual Index of *Physical Review and Physical Review Letters* may be ordered by nonmembers for $85. Back issues are available for $85. There are mail surcharges for non-U.S. destinations.

Copyright 1994 by The American Physical Society

Permission is granted to quote and reprint a figure, table, or other excerpt from an article in this journal with acknowledgment of the source.

Individual teachers, students, researchers, and libraries in nonprofit institutions acting for them are permitted to make copies of articles for use in teaching or research, provided such copies are not sold.

Copying of articles for sale by document delivery services or suppliers, or beyond the free copying allowed above, is permitted against payment of a copying fee. The fee for articles published on or after 1 January 1993 is $6.00, per article, per copy. The fee for articles published before 1 January 1993 is $3.00, per article, per copy. Express permission of APS is not required, except for purposes stated below, provided that the fee is paid through the Copyright Clearance Center, Inc. (CCC), 27 Congress Street, Salem, MA 01970. Contact the CCC for information on how to report copying and remit payments.

Reproduction in a reprint collection, or for advertising or promotional purposes, or republication in any form requires permission of one of the authors and a license from APS. Such a license must be sought from the APS Administrative Editor (Editorial Office, 1 Research Rd., Box 1000, Ridge, NY 11961).

ISSN: 0556-2813
PRINTED IN USA

Physical Review C is published once a month.
Second-class postage paid at Woodbury, NY, and additional mailing offices.

CODEN: PRVCAN