

PHYSICAL REVIEW C

NUCLEAR PHYSICS

Editor
SAM M. AUSTIN

Associate Editors
DONALD F. GEESAMAN BENJAMIN F. GIBSON JOSEPH I. KAPUSTA
CHRISTOPHER WESSELBORG

Senior Assistant to the Editor
DEBBIE BRODBAR

EDITORIAL BOARD

Term ending 31 December 2001

MICHAEL C. BIRSE
JOSEPH A. CARLSON
STUART J. FREEDMAN
BERNDT MULLER
PAUL J. NOLAN

Term ending 31 December 2002

CHRISTIAN BECK
KRIS HEYDE
TOSHIO MOTOKA
SHELLEY A. PAGE
PETER PARKER

Term ending 31 December 2003

T. WILLIAM DONNELLY
CHARLES GALE
BRIAN D. SEROT
BRADLEY M. SHERRILL
REINHARD STOCK

Published through the
American Institute of Physics
by

The American Physical Society

President

GEORGE H. TRILLING

President-Elect

WILLIAM F. BRINKMAN

Vice-President

MYRIAM P. SARACHIK

Editor-in-Chief

MARTIN BLUME

Treasurer and Publisher

THOMAS J. MCILRATH

Executive Officer

JUDY R. FRANZ

Editorial Office:

The American Physical Society

1 Research Road, Box 9000
Ridge, NY 11961-9000

Phone: (631) 591-4030

Fax: (631) 591-4141

Email: prc@aps.org

Web: <http://publish.aps.org/>

Submissions: prctex@aps.org or

<http://publish.aps.org/ESUB/>

Production and distribution by

American Institute of Physics

Suite 1N01

2 Huntington Quadrangle
Melville, NY 11747-4502

Phone: (516) 576-2200

Fax: (516) 576-2643

Email: prc@aip.org

Web: <http://www.aip.org/>

Manuscripts may be **submitted** electronically if in appropriate format (see <http://publish.aps.org/ESUB/> or inquire at prctex@aps.org). Alternatively, send three copies to the Editorial Office. Submission is a representation that the manuscript has not been published previously and is not currently under consideration for publication elsewhere. A signed APS **copyright-transfer** form (effective only on acceptance for publication) must be provided; the form is available on the APS World Wide Web server and appears at the end of the 7 August 2000 issue of *Physical Review Letters*. Information for contributors may be found on the APS Web server or in the January and July issues.

To help defray editorial and production expenses, authors of published articles are requested to pay a **publication charge** of \$90 per article plus \$90 per journal page. Publication charges are not requested for properly prepared electronic submissions. Acceptable formats are REVTeX (preferred), LaTeX, Harvmac, plain TeX; PostScript figures. **Reprints** are offered for sale to authors.

For information about **subscription prices** and about the **online version** of the journal, see the APS Web server, or inquire at assocpub@aps.org. **Member** inquiries regarding **subscriptions**, renewals, address changes, missing or damaged copies, microfilm, and single-copy orders should be addressed to the APS Membership Department, One Physics Ellipse, College Park, MD 20740-3844 [phone: (301) 209-3280; fax: (301) 209-0867; email: membership@aps.org]. **Nonmembers** should address subscription inquiries to APS Subscription Services, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502 [phone: (516) 576-2270 or (800) 344-6902; fax: (516) 349-9704; email: subs@aps.org]. 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; allow six weeks advance notice.

Copyright 2001 by The American Physical Society

Permission to quote excerpts or to reprint any figures or tables should be obtained directly from an author. The American Physical Society for its part hereby grants permission to quote excerpts and reprint figures and/or tables from its journals with acknowledgment of the sources. **Individual** teachers, students, researchers, and libraries in nonprofit institutions acting for them are permitted to make hard 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 current copying fee is \$15.00, 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), 222 Rosewood Drive, Danvers, MA 01923. 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 Barbara Hicks, Associate Publisher, The American Physical Society, One Physics Ellipse, College Park, MD 20740-3844 (assocpub@aps.org). Permission from the author must be sought and obtained from him or her directly.

Physical Review C (ISSN: 0556-2813; CODEN PRVCAN; printed in USA) is published once a month (on the 1st of each month) by The American Physical Society through the American Institute of Physics.

POSTMASTER: Send address changes to Physical Review C, APS Subscription Services, Suite 1N01, 2 Huntington Quadrangle, Melville, NY 11747-4502. The 2001 subscription price is US\$1385 (US institutions). Periodicals postage rates are paid at Huntington Station, NY, and additional mailing offices.