

2014

Publisher's Note: Data Analysis Techniques, Differential Cross Sections, and Spin Density Matrix Elements for the Reaction $p \rightarrow \Phi p$ (Phys. Rev. C. vol 89, 055208, 2014)

K. P. Adhikari
Old Dominion University

D. Adikaram
Old Dominion University

M. J. Amarian
Old Dominion University, mamaryan@odu.edu

C. E. Hyde
Old Dominion University, chyde@odu.edu

A. Klein
Old Dominion University

See next page for additional authors https://digitalcommons.odu.edu/physics_fac_pubs



Part of the [Elementary Particles and Fields and String Theory Commons](#), and the [Quantum Physics Commons](#)

Original Publication Citation

Dey, B., Amarian, M.J., Hyde, C.E., Kuhn, S.E., Zhang, J., The CLAS Collaboration (2014) Publisher's note: Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $p \rightarrow \Phi p$ (Phys. Rev. C. vol 89, 055208, 2014) *Physical Review C*, 90(1), 1-2, Article 019901. <https://doi.org/10.1103/PhysRevC.90.019901>

This Article is brought to you for free and open access by the Physics at ODU Digital Commons. It has been accepted for inclusion in Physics Faculty Publications by an authorized administrator of ODU Digital Commons. For more information, please contact digitalcommons@odu.edu.

Authors

K. P. Adhikari, D. Adikaram, M. J. Amarian, C. E. Hyde, A. Klein, S. Koirala, S. E. Kuhn, M. Mayer, I. Niculescu, J. Zhang, et al., and The CLAS Collaboration

Publisher's Note: Data analysis techniques, differential cross sections, and spin density matrix elements for the reaction $\gamma p \rightarrow \phi p$ [Phys. Rev. C **89, 055208 (2014)]**

B. Dey,¹ C. A. Meyer,¹ M. Bellis,¹ M. Williams,¹ K. P. Adhikari,²⁸ D. Adikaram,²⁸ M. Aghasyan,¹⁷ M. J. Amarian,²⁸ M. D. Anderson,³⁶ S. Anefalos Pereira,¹⁷ J. Ball,⁷ N. A. Baltzell,³ M. Battaglieri,¹⁸ I. Bedlinskiy,²¹ A. S. Biselli,¹¹ J. Bono,¹² S. Boiarinov,³⁴ W. J. Briscoe,¹⁴ W. K. Brooks,^{35,34} V. D. Burkert,³⁴ D. S. Carman,³⁴ A. Celentano,¹⁸ S. Chandavar,²⁷ L. Colaneri,¹⁹ P. L. Cole,¹⁵ M. Contalbrigo,¹⁶ O. Cortes,¹⁵ V. Crede,¹³ A. D'Angelo,^{19,31} N. Dashyan,³⁸ R. De Vita,¹⁸ E. De Sanctis,¹⁷ A. Deur,³⁴ C. Djalali,³³ D. Doughty,^{8,34} M. Dugger,⁴ R. Dupre,³ A. El Alaoui,³ L. El Fassi,³ L. Elouadrhiri,³⁴ G. Fedotov,³³ S. Fegan,³⁶ J. A. Fleming,¹⁰ M. Garçon,⁷ N. Gevorgyan,³⁸ Y. Ghandilyan,³⁸ G. P. Gilfoyle,³⁰ K. L. Giovanetti,²² F. X. Girod,⁷ D. I. Glazier,¹⁰ J. T. Goetz,²⁷ R. W. Gothe,³³ K. A. Griffioen,³⁷ M. Guidal,²⁰ K. Hafidi,³ C. Hanretty,¹³ N. Harrison,⁹ M. Hattawy,²⁰ K. Hicks,²⁷ D. Ho,¹ M. Holtrop,²⁵ C. E. Hyde,²⁸ Y. Ilieva,^{33,14} D. G. Ireland,³⁶ B. S. Ishkhanov,³² D. Jenkins,⁴⁰ H. S. Jo,²⁰ K. Joo,^{9,35} D. Keller,²⁷ M. Khandaker,²⁶ A. Kim,²³ W. Kim,²³ A. Klein,²⁸ F. J. Klein,⁶ S. Koirala,²⁸ V. Kubarovsky,^{34,29} S. E. Kuhn,²⁸ S. V. Kuleshov,^{35,21} P. Lenisa,¹⁶ K. Livingston,³⁶ H. Lu,¹ I. J. D. MacGregor,³⁶ N. Markov,⁹ M. Mayer,²⁸ M. E. McCracken,^{1,2} B. McKinnon,³⁶ T. Mineeva,⁹ M. Mirazita,¹⁷ V. Mokeev,^{32,34} R. A. Montgomery,¹⁷ K. Moriya,¹ H. Moutarde,⁷ E. Munevar,¹⁴ C. Munoz Camacho,²⁰ P. Nadel-Turonski,³⁴ S. Niccolai,²⁰ G. Niculescu,²² I. Niculescu,²⁸ M. Osipenko,¹⁸ L. L. Pappalardo,¹⁶ R. Paremuzyan,³⁸ K. Park,^{33,23} E. Pasyuk,^{34,4} P. Peng,³⁹ J. J. Phillips,³⁶ S. Pisano,¹⁷ O. Pogorelko,²¹ S. Pozdniakov,²¹ J. W. Price,⁵ S. Procureur,⁷ D. Protopopescu,³⁶ A. J. R. Puckett,⁹ D. Rimal,¹² M. Ripani,¹⁸ B. G. Ritchie,⁴ A. Rizzo,¹⁹ P. Rossi,^{34,17} P. Roy,¹³ F. Sabatié,⁷ M. S. Saini,¹³ D. Schott,¹² R. A. Schumacher,¹ E. Seder,⁹ I. Senderovich,⁴ Y. G. Sharabian,³⁴ A. Simonyan,³⁸ E. S. Smith,³⁴ D. I. Sober,⁶ D. Sokhan,²⁰ S. S. Stepanyan,²³ P. Stoler,²⁹ I. I. Strakovsky,¹⁴ S. Strauch,³³ V. Sytnik,³⁵ M. Taiuti,²⁷ W. Tang,²⁷ S. Tkachenko,³³ M. Ungaro,^{9,29} B. Vernarsky,¹ A. V. Vlassov,²¹ H. Voskanyan,³⁸ E. Voutier,²⁴ N. K. Walford,⁶ D. P. Watts,¹⁰ N. Zachariou,³³ L. Zana,¹⁰ J. Zhang,²⁸ Z. W. Zhao,³³ and I. Zonta¹⁹

(CLAS Collaboration)

¹Carnegie Mellon University, Pittsburgh, Pennsylvania 15213, USA

²Washington and Jefferson College, Washington, Pennsylvania 15301, USA

³Argonne National Laboratory, Argonne, Illinois 60441, USA

⁴Arizona State University, Tempe, Arizona 85287, USA

⁵California State University, Dominguez Hills, Carson, California 90747, USA

⁶Catholic University of America, Washington, DC 20064, USA

⁷CEA, Centre de Saclay, Irfu/Service de Physique Nucléaire, 91191 Gif-sur-Yvette, France

⁸Christopher Newport University, Newport News, Virginia 23606, USA

⁹University of Connecticut, Storrs, Connecticut 06269, USA

¹⁰Edinburgh University, Edinburgh EH9 3JZ, United Kingdom

¹¹Fairfield University, Fairfield, Connecticut 06824, USA

¹²Florida International University, Miami, Florida 33199, USA

¹³Florida State University, Tallahassee, Florida 32306, USA

¹⁴The George Washington University, Washington, DC 20052, USA

¹⁵Idaho State University, Pocatello, Idaho 83209, USA

¹⁶INFN, Sezione di Ferrara, 44100 Ferrara, Italy

¹⁷INFN, Laboratori Nazionali di Frascati, 00044 Frascati, Italy

¹⁸INFN, Sezione di Genova, 16146 Genova, Italy

¹⁹INFN, Sezione di Roma Tor Vergata, 00133 Rome, Italy

²⁰Institut de Physique Nucléaire ORSAY, Orsay, France

²¹Institute of Theoretical and Experimental Physics, Moscow 117259, Russia

²²James Madison University, Harrisonburg, Virginia 22807, USA

²³Kyungpook National University, Daegu 702-701, Republic of Korea

²⁴LPSC, Université Joseph Fourier, CNRS/IN2P3, INPG, Grenoble, France

²⁵University of New Hampshire, Durham, New Hampshire 03824, USA

²⁶Norfolk State University, Norfolk, Virginia 23504, USA

²⁷Ohio University, Athens, Ohio 45701, USA

²⁸Old Dominion University, Norfolk, Virginia 23529, USA

²⁹Rensselaer Polytechnic Institute, Troy, New York 12180, USA

³⁰University of Richmond, Richmond, Virginia 23173, USA

³¹Università di Roma Tor Vergata, 00133 Rome, Italy

³²Skobeltsyn Nuclear Physics Institute, 119899 Moscow, Russia

³³University of South Carolina, Columbia, South Carolina 29208, USA

³⁴Thomas Jefferson National Accelerator Facility, Newport News, Virginia 23606, USA

³⁵*Universidad Técnica Federico Santa María, Casilla 110-V Valparaíso, Chile*

³⁶*University of Glasgow, Glasgow G12 8QQ, United Kingdom*

³⁷*College of William and Mary, Williamsburg, Virginia 23187, USA*

³⁸*Yerevan Physics Institute, 375036 Yerevan, Armenia*

³⁹*University of Virginia, Charlottesville, Virginia 22901, USA*

⁴⁰*Virginia Polytechnic Institute and State University, Blacksburg, Virginia 24061, USA*

(Received 18 June 2014; published 3 July 2014)

DOI: [10.1103/PhysRevC.90.019901](https://doi.org/10.1103/PhysRevC.90.019901)

PACS number(s): 25.20.Lj, 14.40.Df, 12.40.Vv, 11.55.Jy, 99.10.Fg

This paper was published online on 27 May 2014 with an incorrect author affiliation. V. Sytnik's affiliation should read as “³⁵*Universidad Técnica Federico Santa María, Casilla 110-V Valparaíso, Chile.*” The author's affiliation has been corrected as of 23 June 2014. The author's affiliation is incorrect in the printed version of the journal.