

The PhysRev Title

F. P. An,¹ A. B. Balantekin,² H. R. Band,³ M. Bishai,⁴ S. Blyth,^{5,6} D. Cao,⁷ G. F. Cao,⁸ J. Cao,⁸ W. R. Cen,⁸ Y. L. Chan,⁹ J. F. Chang,⁸ L. C. Chang,¹⁰ Y. Chang,⁶ H. S. Chen,⁸ Q. Y. Chen,¹¹ S. M. Chen,¹² Y. X. Chen,¹³ Y. Chen,¹⁴ J.-H. Cheng,¹⁰ J. Cheng,¹¹ Y. P. Cheng,⁸ Z. K. Cheng,¹⁵ J. J. Cherwinka,² M. C. Chu,⁹ A. Chukanov,¹⁶ J. P. Cummings,¹⁷ J. de Arcos,¹⁸ Z. Y. Deng,⁸ X. F. Ding,⁸ Y. Y. Ding,⁸ M. V. Diwan,⁴ M. Dolgareva,¹⁶ J. Dove,¹⁹ D. A. Dwyer,²⁰ W. R. Edwards,²⁰ R. Gill,⁴ M. Gonchar,¹⁶ G. H. Gong,¹² H. Gong,¹² M. Grassi,⁸ W. Q. Gu,²¹ M. Y. Guan,⁸ L. Guo,¹² R. P. Guo,⁸ X. H. Guo,²² Z. Guo,¹² R. W. Hackenburg,⁴ R. Han,¹³ S. Hans,^{4,*} M. He,⁸ K. M. Heeger,³ Y. K. Heng,⁸ A. Higuera,²³ Y. K. Hor,²⁴ Y. B. Hsiung,⁵ B. Z. Hu,⁵ T. Hu,⁸ W. Hu,⁸ E. C. Huang,¹⁹ H. X. Huang,²⁵ X. T. Huang,¹¹ P. Huber,²⁴ W. Huo,²⁶ G. Hussain,¹² D. E. Jaffe,⁴ P. Jaffke,²⁴ K. L. Jen,¹⁰ S. Jetter,⁸ X. P. Ji,^{27,12} X. L. Ji,⁸ J. B. Jiao,¹¹ R. A. Johnson,²⁸ J. Joshi,⁴ L. Kang,²⁹ S. H. Kettell,⁴ S. Kohn,³⁰ M. Kramer,^{20,30} K. K. Kwan,⁹ M. W. Kwok,⁹ T. Kwok,³¹ T. J. Langford,³ K. Lau,²³ L. Lebanowski,¹² J. Lee,²⁰ J. H. C. Lee,³¹ R. T. Lei,²⁹ R. Leitner,³² J. K. C. Leung,³¹ C. Li,¹¹ D. J. Li,²⁶ F. Li,⁸ G. S. Li,²¹ Q. J. Li,⁸ S. Li,²⁹ S. C. Li,^{31,24} W. D. Li,⁸ X. N. Li,⁸ Y. F. Li,⁸ Z. B. Li,¹⁵ H. Liang,²⁶ C. J. Lin,²⁰ G. L. Lin,¹⁰ S. Lin,²⁹ S. K. Lin,²³ Y.-C. Lin,⁵ J. J. Ling,¹⁵ J. M. Link,²⁴ L. Littenberg,⁴ B. R. Littlejohn,¹⁸ D. W. Liu,²³ J. L. Liu,²¹ J. C. Liu,⁸ C. W. Loh,⁷ C. Lu,³³ H. Q. Lu,⁸ J. S. Lu,⁸ K. B. Luk,^{30,20} Z. Lv,³⁴ Q. M. Ma,⁸ X. Y. Ma,⁸ X. B. Ma,¹³ Y. Q. Ma,⁸ Y. Malyshev,³⁵ D. A. Martinez Caicedo,¹⁸ K. T. McDonald,³³ R. D. McKeown,^{36,37} I. Mitchell,²³ M. Mooney,⁴ Y. Nakajima,²⁰ J. Napolitano,³⁸ D. Naumov,¹⁶ E. Naumova,¹⁶ H. Y. Ngai,³¹ Z. Ning,⁸ J. P. Ochoa-Ricoux,³⁵ A. Olshevskiy,¹⁶ H.-R. Pan,⁵ J. Park,²⁴ S. Patton,²⁰ V. Pec,³² J. C. Peng,¹⁹ L. Pinsky,²³ C. S. J. Pun,³¹ F. Z. Qi,⁸ M. Qi,⁷ X. Qian,⁴ N. Raper,³⁹ J. Ren,²⁵ R. Rosero,⁴ B. Roskovec,³² X. C. Ruan,²⁵ H. Steiner,^{30,20} G. X. Sun,⁸ J. L. Sun,⁴⁰ W. Tang,⁴ D. Taychenachev,¹⁶ K. Treskov,¹⁶ K. V. Tsang,²⁰ C. E. Tull,²⁰ N. Viaux,³⁵ B. Viren,⁴ V. Vorobel,³² C. H. Wang,⁶ M. Wang,¹¹ N. Y. Wang,²² R. G. Wang,⁸ W. Wang,^{37,15} X. Wang,⁴¹ Y. F. Wang,⁸ Z. Wang,¹² Z. Wang,⁸ Z. M. Wang,⁸ H. Y. Wei,¹² L. J. Wen,⁸ K. Whisnant,⁴² C. G. White,¹⁸ L. Whitehead,²³ T. Wise,² H. L. H. Wong,^{30,20} S. C. F. Wong,¹⁵ E. Worcester,⁴ C.-H. Wu,¹⁰ Q. Wu,¹¹ W. J. Wu,⁸ D. M. Xia,⁴³ J. K. Xia,⁸ Z. Z. Xing,⁸ J. Y. Xu,⁹ J. L. Xu,⁸ Y. Xu,¹⁵ T. Xue,¹² C. G. Yang,⁸ H. Yang,⁷ L. Yang,²⁹ M. S. Yang,⁸ M. T. Yang,¹¹ M. Ye,⁸ Z. Ye,²³ M. Yeh,⁴ B. L. Young,⁴² Z. Y. Yu,⁸ S. Zeng,⁸ L. Zhan,⁸ C. Zhang,⁴ H. H. Zhang,¹⁵ J. W. Zhang,⁸ Q. M. Zhang,³⁴ X. T. Zhang,⁸ Y. M. Zhang,¹² Y. X. Zhang,⁴⁰ Y. M. Zhang,¹⁵ Z. J. Zhang,²⁹ Z. Y. Zhang,⁸ Z. P. Zhang,²⁶ J. Zhao,⁸ Q. W. Zhao,⁸ Y. B. Zhao,⁸ W. L. Zhong,⁸ L. Zhou,²⁶ N. Zhou,²⁶ H. L. Zhuang,⁸ and J. H. Zou⁸

(The Daya Bay Collaboration)

¹*Institute of Modern Physics, East China University of Science and Technology, Shanghai*

²*University of Wisconsin, Madison, Wisconsin 53706, USA*

³*Department of Physics, Yale University, New Haven, Connecticut 06520, USA*

⁴*Brookhaven National Laboratory, Upton, New York 11973, USA*

⁵*Department of Physics, National Taiwan University, Taipei*

⁶*National United University, Miao-Li*

⁷*Nanjing University, Nanjing*

⁸*Institute of High Energy Physics, Beijing*

⁹*Chinese University of Hong Kong, Hong Kong*

¹⁰*Institute of Physics, National Chiao-Tung University, Hsinchu*

¹¹*Shandong University, Jinan*

¹²*Department of Engineering Physics, Tsinghua University, Beijing*

¹³*North China Electric Power University, Beijing*

¹⁴*Shenzhen University, Shenzhen*

¹⁵*Sun Yat-Sen (Zhongshan) University, Guangzhou*

¹⁶*Joint Institute for Nuclear Research, Dubna, Moscow Region*

¹⁷*Siena College, Loudonville, New York 12211, USA*

¹⁸*Department of Physics, Illinois Institute of Technology, Chicago, Illinois 60616, USA*

¹⁹*Department of Physics, University of Illinois at Urbana-Champaign, Urbana, Illinois 61801, USA*

²⁰*Lawrence Berkeley National Laboratory, Berkeley, California 94720, USA*

²¹*Department of Physics and Astronomy, Shanghai Jiao Tong University, Shanghai Laboratory for Particle Physics and Cosmology, Shanghai*

²²*Beijing Normal University, Beijing*

²³*Department of Physics, University of Houston, Houston, Texas 77204, USA*

²⁴*Center for Neutrino Physics, Virginia Tech, Blacksburg, Virginia 24061, USA*

²⁵*China Institute of Atomic Energy, Beijing*

²⁶ *University of Science and Technology of China, Hefei*

²⁷ *School of Physics, Nankai University, Tianjin*

²⁸ *Department of Physics, University of Cincinnati, Cincinnati, Ohio 45221, USA*

²⁹ *Dongguan University of Technology, Dongguan*

³⁰ *Department of Physics, University of California, Berkeley, California 94720, USA*

³¹ *Department of Physics, The University of Hong Kong, Pokfulam, Hong Kong*

³² *Charles University, Faculty of Mathematics and Physics, Prague, Czech Republic*

³³ *Joseph Henry Laboratories, Princeton University, Princeton, New Jersey 08544, USA*

³⁴ *Xi'an Jiaotong University, Xi'an*

³⁵ *Instituto de Física, Pontificia Universidad Católica de Chile, Santiago, Chile*

³⁶ *California Institute of Technology, Pasadena, California 91125, USA*

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

³⁸ *Department of Physics, College of Science and Technology, Temple University, Philadelphia, Pennsylvania 19122, USA*

³⁹ *Department of Physics, Applied Physics, and Astronomy, Rensselaer Polytechnic Institute, Troy, New York 12180, USA*

⁴⁰ *China General Nuclear Power Group*

⁴¹ *College of Electronic Science and Engineering, National University of Defense Technology, Changsha*

⁴² *Iowa State University, Ames, Iowa 50011, USA*

⁴³ *Chongqing University, Chongqing*

(Dated: June 29, 2016)

The PhysRev abstract.

The PhysRev paper.

A reference. [1]

USA

[1] Q. R. Ahmad *et al.* (SNO Collaboration), Phys. Rev. Lett. **87**, 071301 (2001).

* Now at Department of Chemistry and Chemical Technology, Bronx Community College, Bronx, New York 10453,