The K2K Collaboration

M.H.Ahn,[1] S.Aoki,[2] Y.Ashie,[3] H.Bhang,[1] S.Boyd,[4,*] D.Casper,[5] J.H.Choi,[6] S.Fukuda,[3] Y.Fukuda,[7] R.Gran,[4] T.Hara,[2] M.Hasegawa,[8] T.Hasegawa,[9] K.Hayashi,[8] Y.Hayato,[10] J.Hill,[11,†] A.K.Ichikawa,[10] A.Ikeda,[12] T.Inagaki,[8,‡] T.Ishida,[10] T.Ishii,[10] M.Ishitsuka,[3] Y.Itow,[3] T.Iwashita,[10] H.I.Jang,[6,§] J.S.Jang,[6] E.J.Jeon,[1] K.K.Joo,[1] C.K.Jung,[11] T.Kajita,[3] J.Kameda,[10] K.Kaneyuki,[3] I.Kato,[8] E.Kearns,[13] A.Kibayashi,[14] D.Kielczewska,[15,16] B.J.Kim,[1] C.O.Kim,[17] J.Y.Kim,[6] S.B.Kim,[1] K.Kobayashi,[11] T.Kobayashi,[10] Y.Koshio,[3] W.R.Kropp,[5] J.G.Learned,[14] S.H.Lim,[6] I.T.Lim,[6] H.Maesaka,[8] T.Maruyama,[10,**] S.Matsuno,[14] C.Mauger,[11,††] C.Mcgrew,[11] A.Minamino,[3] S.Mine,[5] M.Miura,[3] K.Miyano,[18] T.Morita,[8] S.Moriyama,[3] M.Nakahata,[3] K.Nakamura,[10] I.Nakano,[12] F.Nakata,[2] T.Nakaya,[8] S.Nakayama,[3] T.Namba,[3] R.Nambu,[3] K.Nishikawa,[8] S.Nishiyama,[2] S.Noda,[2] Y.Obayashi,[3] A.Okada,[3] Y.Oyama,[10] M.Y.Pac,[19] H.Park,[10,‡‡] C.Saji,[3] M.Sakuda,[10] A.Sarrat,[11] T.Sasaki,[8] N.Sasao,[8] K.Scholberg,[20] M.Sekiguchi,[2] E.Sharkey,[11] M.Shiozawa,[3] K.K.Shiraishi,[4] M.Smy,[5] H.W.Sobel,[5] J.L.Stone,[13] Y.Suga,[2] L.R.Sulak,[13] A.Suzuki,[2] Y.Suzuki,[3] Y.Takeuchi,[3] N.Tamura,[18] M.Tanaka,[10] Y.Totsuka,[10] S.Ueda,[8] M.R.Vagins,[5] C.W.Walter,[13] W.Wang,[13] R.J.Wilkes,[4] S.Yamada,[3,§§] S.Yamamoto,[8] C.Yanagisawa,[11] H.Yokoyama,[21] J.Yoo,[1] M.Yoshida,[22] and J.Zalipska[16]

[1] *Department of Physics, Seoul National University, Seoul 151-742, KOREA*
[2] *Kobe University, Kobe, Hyogo 657-8501, JAPAN*
[3] *Institute for Cosmic Ray Research, University of Tokyo, Kashiwa, Chiba 277-8582, JAPAN*
[4] *Department of Physics, University of Washington, Seattle, WA 98195-1560, USA*
[5] *Department of Physics and Astronomy, University of California, Irvine, Irvine, CA 92697-4575, USA*
[6] *Department of Physics, Chonnam National University, Kwangju 500-757, KOREA*
[7] *Department of Physics, Miyagi University of Education, Sendai 980-0845, JAPAN*
[8] *Department of Physics, Kyoto University, Kyoto 606-8502, JAPAN*
[9] *Research Center for Neutrino Science, Tohoku University, Sendai, Miyagi 980-8578, JAPAN*
[10] *High Energy Accelerator Research Organization (KEK), Tsukuba, Ibaraki 305-0801, JAPAN*
[11] *Department of Physics and Astronomy, State University of New York, Stony Brook, NY 11794-3800, USA*
[12] *Department of Physics, Okayama University, Okayama, Okayama 700-8530, JAPAN*
[13] *Department of Physics, Boston University, Boston, MA 02215, USA*
[14] *Department of Physics and Astronomy, University of Hawaii, Honolulu, HI 96822, USA*
[15] *Institute of Experimental Physics, Warsaw University, 00-681 Warsaw, POLAND*
[16] *A. Soltan Institute for Nuclear Studies, 00-681 Warsaw, POLAND****
[17] *Department of Physics, Korea University, Seoul 136-701, KOREA*
[18] *Department of Physics, Niigata University, Niigata, Niigata 950-2181, JAPAN*
[19] *Department of Physics, Dongshin University, Naju 520-714, KOREA*
[20] *Department of Physics, Massachusetts Institute of Technology, Cambridge, MA 02139, USA*
[21] *Department of Physics, Tokyo University of Science, Noda, Chiba 278-0022, JAPAN*
[22] *Department of Physics, Osaka University, Toyonaka, Osaka 560-0043, JAPAN*

PACS numbers:

Last updated: January, 2004

* Present address: University of Pittsburgh, Pittsburgh, PA 15260, USA

† Present address: California State University at Dominguez Hills, Carson, CA 90747 USA

‡ Present address: RIKEN (Institute of Physical and Chemical Research), Saitama 351-0198, Japan

§ Present address: Seokang College, Kwangju, 500-742, KOREA

** Present address: The Enrico Fermi Institute, University of Chicago, Chicago, IL 60637, USA

†† Present address: California Institute of Technology, California 91125, USA

‡‡ Present address: Korea Research Institute of Standards and Science, Yuseong, Daejeon, 305-600, KOREA

§§ Present address: International Center for Elementary Particle Physics, University of Tokyo, Tokyo, 113-0033, JAPAN

*** Supported by the Polish Committee for Scientific Research