A search for electron antineutrinos associated with gravitational wave events GW150914 and GW151226 using KamLAND

Gando, A.; Decowski, M.P.; The KamLAND Collaboration

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A. Gando1, Y. Gando1, T. Hachiya1, A. Hayashi1, S. Hayashida1, H. Ikeda1, K. Inoue1,2, K. Ishidoshiro1, Y. Karino1, M. Koga1,2, S. Matsuda1, T. Mitsui1, K. Nakamura1,2, S. Obara1, T. Oura1, H. Ozaki1, I. Shimizu1, Y. Shirahata1, J. Shirai1, A. Suzuki1, T. Takai1, K. Tamae1, Y. Teraoka1, K. Ueshima1, H. Watanabe1, A. Kozlov2, Y. Takekoto2,3, S. Yoshida3, K. Fushimi4, A. Piepke2,5, T. I. Banks6,7, B. E. Berger2,7, B. K. Fujikawa2,7, T. O’Donnell6,7, J. G. Learned8, J. Maricic8, M. Sakai8, L. A. Winslow9, E. Krupczak9, J. Ouellet9, Y. Efremenko2,10,11, H. J. Karwowski12,13, D. M. Markoff12,14, W. Tornow2,12,15, J. A. Detwiler2,16, S. Enomoto2,16, and M. P. Decowski2,17
(The KamLAND Collaboration)

1 Research Center for Neutrino Science, Tohoku University, Sendai 980-8578, Japan
2 Kavli Institute for the Physics and Mathematics of the Universe (WPI), The University of Tokyo Institutes for Advanced Study, The University of Tokyo, Kashiwa, Chiba 277-8583, Japan
3 Graduate School of Science, Osaka University, Toyonaka, Osaka 560-0043, Japan
4 Faculty of Integrated Arts and Science, University of Tokushima, Tokushima 770-8502, Japan
5 Department of Physics and Astronomy, University of Alabama, Tuscaloosa, AL 35487, USA
6 Physics Department, University of California, Berkeley, CA 94720, USA
7 Lawrence Berkeley National Laboratory, Berkeley, CA 94720, USA
8 Massachusetts Institute of Technology, Cambridge, MA 02139, USA
9 Department of Physics and Astronomy, University of Tennessee, Knoxville, TN 37996, USA
10 National Research Nuclear University, Moscow, Russia
11 Center for Experimental Nuclear Physics and Astrophysics, University of Washington, Seattle, WA 98195, USA
12 Triangle Universities Nuclear Laboratory, Durham, NC 27708, USA
13 The University of North Carolina at Chapel Hill, Chapel Hill, NC 27599, USA
14 North Carolina Central University, Durham, NC 27701, USA
15 Physics Department at Duke University, Durham, NC 27705, USA
16 National Research Nuclear University, Moscow, Russia
17 Nikhef and the University of Amsterdam, Science Park, Amsterdam, The Netherlands

Some values of the coincidence search in Section 3 were not correct in the published article. The time differences of the closest event to GW150915, GW151226, and LVT151012 are 1.9 h, 5.7 h, and 1017 s, respectively. The energies of the closest event are 2.07 MeV, 2.67 MeV, and 1.41 MeV, respectively. Figures 1, 2, and 3 were not correct in the published article. The corrected figures are provided here.

Figure 1. Neutrino events between 0.9 and 100 MeV visible energy occurring on 2015 September 14. The highest-energy event in this time span was at 3.05 MeV. The time of GW150914 is marked. There were no events within 500 s of GW150914.
Figure 2. Neutrino events between 0.9 and 100 MeV visible energy occurring on 2015 December 26. The highest-energy event in this time span was at 2.77 MeV. The time of GW151226 is marked. There were no events within 500 s of GW151226.

Figure 3. Neutrino events between 0.9 and 100 MeV visible energy occurring on 2015 October 12. The highest-energy event in this time span was at 2.79 MeV. The time of LVT151012 is marked. There were no events within 500 s of LVT151012. The closest event occurred at 1017 s prior to LVT151012 and was consistent with the background.