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

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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.