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## **Evidence of large potassium abundance in the Earth from new Borexino data**

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Inclusion in Analysis of Borexino data K-40 antineutrino spectrum makes the fit better than without. Borexino data can install an upper limit on potassium abundance  $< 3\%$  of Earth's mass. The probability to observe high K-40 counting rate in case of its absence is about 0.0001. It signals on large potassium abundance in the Earth.

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