

Experiment BEST-2 with a source of ^{65}Zn on gallium target for the search of neutrino oscillations on a short baseline

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A proposal for an experiment on a 2-zone gallium target of a solar Gallium-germanium neutrino telescope in the Baksan neutrino Observatory of the INR RAS with a source of ^{65}Zn for short baseline neutrino oscillations search is considered. The possibilities of determining the parameters of oscillations, the necessary characteristics of the neutrino source, the possibility of its production and use are described. The expected results are compared with the BEST experiment with the ^{51}Cr source.

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