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## Running Status and Analysis of 1-ton Prototype of the Jinping Neutrino Experiment

The China Jinping Underground Laboratory (CJPL) with the lowest cosmic-ray muon flux and the lowest reactor neutrino flux of any laboratory is ideal to carry out low energy neutrino experiments for solar neutrino, geo-neutrino and supernova neutrino physics studies. At present, a 1-ton prototype for Jinping Neutrino Experiment of which the target material is liquid scintillator is deployed in CJPL and has been running since the summer of 2017. The R&D efforts are made particularly on the construction of low background facilities, including the measurements of radiative backgrounds and nitrogen bubbling. These studies will provide us with important references for future hundred-ton and kilo-ton detectors construction. In this poster, I will present the running status of the 1-ton prototype and the results of background level measurements of Jinping Neutrino Experiment, etc.

### Mini-abstract

Latest status and results from the 1-ton prototype of Jinping Neutrino Experiment at CJPL.

### Experiment/Collaboration

Jinping Neutrino Experiment

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