

Additional sources of antineutrinos in experiments on nuclear reactors

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The flux and spectrum of reactor antineutrinos depend not only on the current reactor state, which is specified by the power level and the nuclear fuel used, but also on the amount of spent fuel (SF) in the pool where spent fuel placed after refueling. The antineutrino spectrum from SF pool observed in 30 cubic meters detector at a distance 400 m is presented in the work.

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