

Abstract Submitted
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Measurements of the Argon and Neon Scintillation Efficiencies in microCLEAN DANIEL GASTLER, Boston University Physics Department, DEAP/CLEAN COLLABORATION — I present recent measurements of the nuclear-recoil scintillation efficiency for liquid argon and liquid neon. The scintillation efficiency characterizes the amount of scintillation light produced in a nuclear recoil when compared to that of an electronic recoil of the same energy. These results are from argon and neon runs of the 4 kg noble liquid microCLEAN detector as a part of the DEAP/CLEAN program to detect WIMP dark matter.

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