

Abstract Submitted
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Constraints on Light Dark Matter from CDMS II DAVID MOORE,
California Institute of Technology, CDMS COLLABORATION — Data from the
Cryogenic Dark Matter Search (CDMS II) have been reanalyzed to give increased
sensitivity to Weakly Interacting Massive Particles (WIMPs) with masses below 10
 GeV/c^2 . Using a lowered, 2 keV recoil energy threshold, we have reanalyzed data
from eight germanium detectors operated at the Soudan Underground Laboratory.
We present constraints on light WIMPs from this analysis and discuss the compati-
bility of these results with possible low-mass WIMP signals from the DAMA/LIBRA
and CoGeNT experiments.

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