

Abstract Submitted
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Dark matter annihilation cross section constraints from a joint analysis of Milky Way dwarf galaxies SAVVAS KOUSHIAPPAS, Brown University — I will present new results from a joint search for continuum and line emission from dark matter annihilation in Milky Way dwarf galaxies. This analysis is based on a statistically optimal weighting of photons with the inclusion of spatial and spectral information. The results probe generic dark matter WIMP models, and derive the strongest limits to the annihilation cross section of dark matter.

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