

Abstract Submitted
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Modeling a Fermion Telescope Detector¹ EMMA RASMUSSEN,
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Laboratory nuclear astrophysics reactions typical of stellar energies are becoming
of great interest. We wish to validate an observation of conversion electrons from
p-chain type stellar reactions in condensed matter. To extend the capabilities of a
typical silicon delta-E/E charged particle detector to include conversion electrons we
are adding a plastic calorimeter. Reported here is the effort to model the detector
using Geant4 simulation software.

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