

Abstract Submitted
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Boron Doped Plastic Scintillator Efficiency ADAM MAHL, PAS-
CALE CHOUINARD-DUSSAULT, CORY PECINOVSKY, ANDREW POTTER,
TYLER REMEDES, JOHN DORGAN, UWE GREIFE, Colorado School of Mines
— This talk will describe the progress made in an interdisciplinary development
project aimed at cost-effective, neutron sensitive, plastic scintillator. Colorado
School of Mines researchers with backgrounds in Physics, Chemistry, and Chem-
ical Engineering have worked on the incorporation of ^{10}B in plastics through extru-
sion. First results on transparent samples using fluorescent spectroscopy and beta
excitation will be presented.

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