

Abstract Submitted
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Calibration of the MINERvA detector with light injection and cosmic ray muons CLIFFORD SIMON, University of California, Irvine, MINERVA COLLABORATION — Light produced in MINERvA scintillator strips is observed with multi-anode photomultipliers and digitized using custom front-end electronics boards designed around the Fermilab TRIP chip. I will describe the methods used to calibrate the electronics and the photomultiplier tubes and comment on the performance. I will also discuss the method that we use to calibrate the relative light output of the scintillator strips and compare the calibration constants to measurements made with a radioactive source scanner.

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