

Muon detection capabilities of large Imaging Atmospheric Cherenkov Telescopes

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Abstract. Muons constitute an important source of background and a method of calibration for existing Imaging Atmospheric Cherenkov Telescopes, IACTs. In the forthcoming years a new generation of IACTs with larger collection areas will see their first light. The role of muons in this con-

text has to be reevaluated. We discuss both qualitatively and numerically, by means of a simple simulation, the capabilities of the new generation of IACTs as muon detectors.

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