

MUON DETECTION CAPABILITIES OF LARGE IMAGING ATMOSPHERIC CHERENKOV TELESCOPES

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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 context 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.