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Energy Spectrum and Mass Composition of Ultra-High Energy Cosmic Rays Measured with the Telescope Array Fluorescence Detector Using a Monocular Analysis

Thursday 30 July 2015 15:30 (1 hour)

The Telescope Array (TA) experiment is the largest hybrid detector to observe ultra-high energy cosmic rays (UHECRs) in the northern hemisphere. We report on results of the energy spectrum of UHECRs covering a wide energy range, and the mass composition using the maximum shower depth, from analyzing data collected in monocular mode by the fluorescence detectors of TA during the first seven years.

Registration number following "ICRC2015-I/"

619

Collaboration

Telescope Array

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