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CREAM Experiment Charge and Energy Performance TAYLOR CHILDERS, University of Minnesota, COSMIC RAY ENERGETICS AND MASS COLLABORATION — The Cosmic Ray Energetics And Mass (CREAM) experiment was designed to measure the elemental cosmic-ray energy spectrum (p to Fe) up to 1000 TeV. CREAM flew twice from McMurdo, Antarctica in 2004/2005 and 2005/2006. The first CREAM flight utilized many detectors, including a Calorimeter, Transition Radiation Detector, Silicon Charge Detector, Cherenkov Detector, and Timing Charge Detector. This talk will cover the CREAM instrument performance in terms of charge identification and energy measurements.

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