

The First Flight Measurement with the CREAM Silicon Charge Detector

Il Hung Park (On behalf of the CREAM Collaboration)

Ewha Womans University

The Cosmic Ray Energetics And Mass (CREAM) payload had the first successful flight in December 2004 from McMurdo Station, Antarctica as a Long Duration Balloon mission. The goal of the experiment is to obtain the experimental data to understand the source and acceleration mechanisms of high energy cosmic-ray particles. The Silicon Charge Detector (SCD) was installed in the payload for charge identification of incident cosmic rays. The ongoing analysis of SCD flight data is discussed and the preliminary result is presented.