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Relative abundances of heavy ions measured by the CREAM-II Silicon Charge Detector

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Abstract content

The Cosmic Ray Energetics And Mass (CREAM) is a balloon-borne experiment designed for direct measurement of high energy cosmic rays with energy up to 10^{15} eV. CREAM incorporates a sampling tungsten/scintillating-fiber calorimeter for energy measurements and a dual-layer Silicon Charge Detector (SCD) and Timing-based Charge Detector (TCD) to measure the charge of incident particles. CREAM has had two successful flights in 2004/5 and 2005/6, with a combined duration of 70 days of data. Preliminary results on the relative abundances of heavy ions measured by the SCD will be presented.

If this papers is presented for a collaboration, please specify the collaboration

CREAM Collaboration

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 2 (OG part 1), pages 39-42

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