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The atmosphere UV background phenomena measured by detector on-board “Universitetsky-Tatiana” satellite.

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Abstract content

Near UV detector on-board the “Universitetsky-Tatiana” satellite has observed the atmosphere glow at night side of the Earth. Digital oscilloscopes help to select transient luminous events and to measure their temporal profiles in time scale of 1-64 ms. Data from those detectors were analyzed for prediction the duty cycle of future space detectors of ultra high energy cosmic rays.

If this papers is presented for a collaboration, please specify the 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. 5 (HE part 2), pages 869-872

Primary author(s) : Mr. KLIMOV, Pavel (Skobeltsyn Institute of Nuclear Physics); Mr. GARIPOV, Gali (Skobeltsyn Institute of Nuclear Physics); Dr. KHRENOV, Boris (Skobeltsyn Institute of Nuclear Physics); Prof. PANASYUK, Mikhail (Skobeltsyn Institute of Nuclear Physics); Dr. TULUPOV, Vladimir (Skobeltsyn Institute of Nuclear Physics); Dr. YASHIN, Ivan (Skobeltsyn Institute of Nuclear Physics); Dr. SALAZAR, Humberto (BUAP)

Presenter(s) : Mr. KLIMOV, Pavel (Skobeltsyn Institute of Nuclear Physics)

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