30th International Cosmic Ray Conference



Contribution ID: 570 Type: Poster

The halo and the high energy jet in stratospheric STRANA superfamily with E0>10^16 eV

Monday, 9 July 2007 14:45 (0:00)

Abstract content

Gamma-hadron superfamily STRANA with $E0 > 10^{\circ}16$ eV and unusual features was detected by emulsion chamber at the board of stratospheric balloon. In the center of the family there was found a halo. The halo and the high energy jet producing it in the chamber are analysed here.

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. 4 (HE part 1), pages 663-666

Primary author(s): Dr. OSEDLO, Vladislav (Skobeltsyn Institute of Nuclear Physics, Moscow State University)

Co-author(s): Dr. ROGANOVA, Tatiana (Skobeltsyn Institute of Nuclear Physics, Moscow State University); Dr. SVESHNIKOVA, Lyubov (Skobeltsyn Institute of Nuclear Physics, Moscow State University); Dr. GALKIN, Vladimir (Skobeltsyn Institute of Physical Department of Moscow State University); Prof. RAKOBOLSKAYA, Irina (Physical Department of Moscow State University); Ms. GONCHAROVA, Ludmila (P.N.Lebedev Physical Institute, Academy of Sciences of Russia); Dr. KOTELNIKOV, Konstantin (P.N.Lebedev Physical Institute, Academy of Sciences of Russia); POLUKHINA, Natalia (P.N.Lebedev Physical Institute, Academy of Sciences of Russia); Dr. MANAGADZE, Alexander (Skobeltsyn Institute of Nuclear Physics, Moscow State University)

Presenter(s): Dr. OSEDLO, Vladislav (Skobeltsyn Institute of Nuclear Physics, Moscow State University)

Session Classification : Posters 3 + Coffee

Track Classification: HE.3.1