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Cosmic Rays from Thermal Sources

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Abstract content

We consider a generalized statistical model for the production process of cosmic rays. This model takes into account temperature distribution of sources and yields Tsallis statistics for cosmic ray energy spectrum. Results are compared with the experimental data.

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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 137-140

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