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Antideuterons from supersymmetric dark matter

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Abstract content

We calculate the antideuteron flux expected from dark matter annihilation in the galactic halo. The propagation is treated in a full 2-D propagation model consistent with the results obtained from the propagation of B/C and other galactic species. We discuss the potentials of this indirect dark matter detection means and evaluate the possible sources of uncertainties affecting future measurements.

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 717-720

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