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An All-Sky Search for Extended Sources Using Milagro

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Abstract content

Milagro is a TeV gamma-ray observatory with a ~ 2 sr field of view and a $>90\%$ duty factor. The large field of view and long observation time make Milagro ideal for surveying large regions of the Northern Hemisphere sky. A previous all-sky survey searched for point sources (Atkins, R, et al., 2004, ApJ, 608, 680-685), but the analysis is easily adaptable to look for intermediate-scale (~ 10 degrees) as well. A search on intermediate size scales has been conducted, and a map of the Northern Hemisphere will be presented.

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

Milagro

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Oliveo, 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 513-516

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