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Gamma-rays from young open cluster Ber 87

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Abstract content

Open clusters are concentrations of dense matter and young stars. It is expected that non-thermal processes play important role in these objects due to the observations of non-thermal X-ray emission and directional coincidence with some uniEGRET sources. We calculate the gamma-ray spectra expected from the open cluster Ber 87 assuming that hadrons and leptons are accelerated inside this object.

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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 539-542

Primary author(s) : Dr. BEDNAREK, Wlodek (Department of Experimental Physics, University of Lodz)

Presenter(s) : Dr. BEDNAREK, Wlodek (Department of Experimental Physics, University of Lodz)

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