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VHE gamma-ray observations of the pulsar PSR B1951+32 and its associated nebula CTB 80 with the MAGIC Telescope.

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Abstract content

Observations of pulsars and pulsar wind nebulae have been conducted during the last two years using the MAGIC Imaging Cerenkov Telescope. In addition to the study of the nebula emission, the low energy threshold of MAGIC offers the opportunity to search for the pulsed emission with very high sensitivity. The selection of the objects was based on their spin-down luminosity and the probability of emission given the various models of VHE γ-ray production above 100 GeV.
We present the results of these observations and their implication for models of VHE emission.

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

MAGIC 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. 2 (OG part 1), pages 811-814

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