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Monte Carlo simulation for the MAGIC-II system

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Abstract content

MAGIC-II, a two 17m telescope system, will start operating at La Palma in the fall of 2007. Its main goal is to improve the sensitivity in the stereoscopic/coincident operational mode. At the same time it will lower the analysis threshold of the currently running single MAGIC telescope. Results from the Monte Carlo simulations of this system will be discussed. A comparison of the two telescope system with the performances of one single telescope will be shown in terms of sensitivity, angular resolution and energy resolution.

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

On Behalf of the 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. 3 (OG part 2), pages 1373-1376

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