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Type : **Poster**

The TeV- γ -radiation from the Galactic center observed by H.E.S.S. and a possible dark matter interpretation

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Abstract content

With H.E.S.S., a system of four Cherenkov telescopes, a signal of very high energy TeV- γ -radiation from the direction of the Galactic center has been detected. The interpretation of the signal due to dark matter annihilations is discussed and limits on the annihilation cross sections and density profiles are given. This is an update of earlier publications including recent observations of the Galactic center region with H.E.S.S.

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

H.E.S.S. 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 791-794

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