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Search for variability and QPO activity from Sgr A* from H.E.S.S. observations

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Abstract content

One interesting possibility is that the galactic center source HESS J1745-290 is associated with the galactic center source Sgr A*, the galactic center black hole, in which case we may expect variability as seen in IR and X-rays, with QPO frequencies predicted by Aschenbach et al. (2004). We will present the results of a search for such variable signatures using HESS observations of this source.

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

H.E.S.S.

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 807-810

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