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Discovery of VHE gamma-rays from the BL Lac object PKS0548-322 (z=0.069) with H.E.S.S

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Abstract content

The extreme synchrotron BL Lac object PKS 0548-322 has been observed with the High Energy Stereoscopic System (H.E.S.S) array of atmospheric-Cherenkov telescopes. The observations were performed between October 2004 and December 2006 for a total exposure of nearly 25 hours live-time. We will report the HESS detection and present a spectral energy distribution of this object using a quasi-simultaneous X-ray spectrum from archival data. It will be used to estimate some general constraints on source parameters.

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

for the 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. 3 (OG part 2), pages 913-916

Primary author(s) : Mrs. SUPERINA, GIULIA (L.L.R)

Co-author(s) : Mr. GIEBELS, BERRIE (L.L.R); Mr. BENBOW, WYSTAN (MPIK Heidelberg); Mr. DUBUS, GUILLAUME (Laboratoire d'astrophysique de Grenoble); BOUTELIER, Timothe (Laboratoire d'astrophysique de Grenoble)

Presenter(s) : Dr. KHELIFI, Bruno (LLR, Ecole Polytechnique)

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