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# Observations of the Draco Dwarf Spheroidal Galaxy with STACEE

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## Abstract content

The Draco dwarf spheroidal galaxy has garnered interest as a possible source for the indirect detection of dark matter. Draco has a large mass-to-light ratio, and its relative proximity to the Earth provides favorable conditions for the production of detectable gamma-rays from dark matter self-annihilation in the galaxy's core. The Solar Tower Atmospheric Cherenkov Effect Experiment (STACEE) is an air-shower Cherenkov telescope located in Albuquerque, NM capable of detecting gamma-rays with an energy threshold of about 250 GeV for this source. We present the results of the STACEE observations of Draco during the 2005-2006 observing season totaling approximately 10 hours of livetime after cuts.

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

STACEE 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 1053-1056

**Primary author(s) :** COVAULT, C. E. (Department of Physics, Case Western Reserve University, Cleveland, OH 44106 USA); DRISCOLL, D. D. (Department of Physics, Case Western Reserve University, Cleveland, OH 44106)

**Co-author(s) :** BALL, J. (Department of Physics and Astronomy, University of California, Los Angeles, CA 90095 USA); CARSON, J. E. (Department of Physics and Astronomy, University of California, Los Angeles, CA 90095 USA (Current address: Stanford Linear Accelerator Center, MS 29, Menlo Park, CA 94025 USA)); FORTIN, P. (Department of Physics, McGill University, Montreal, QC H3A 2T8, Canada (Current Address: Department of Physics and Astronomy, Barnard College, Columbia University, New York, NY 10027 USA)); GINGRICH, D. M. (Department of Physics, University of Alberta, Edmonton, AB T6G 2G7 Canada & TRIUMF, Vancouver, BC V6T 2A3 Canada); HANNA, D. S. (Department of Physics, McGill University, Montreal, QC H3A 2T8, Canada); JARVIS, A.

(Department of Physics and Astronomy, University of California, Los Angeles, CA 90095 USA); KILDEA, J. (Department of Physics, McGill University, Montreal, QC H3A 2T8, Canada (Current address: Fred Lawrence Whipple Observatory, Harvard-Smithsonian Center for Astrophysics, Amado, AZ 85645 USA)); LINDNER, T. (Department of Physics, McGill University, Montreal, QC H3A 2T8, Canada (Current Address: Department of Physics and Astronomy, University of British Columbia, Vancouver, BC V6T 1Z1, Canada)); MUELLER, C. E. (Department of Physics, McGill University, Montreal, QC H3A 2T8, Canada); MUKHERJEE, R. (Department of Physics and Astronomy, Barnard College, Columbia University, New York, NY 10027 USA); ONG, R. A. (Department of Physics and Astronomy, University of California, Los Angeles, CA 90095 USA); RAGAN, K. (Department of Physics, McGill University, Montreal, QC H3A 2T8, Canada); WILLIAMS, D. A. (Santa Cruz Institute for Particle Physics, University of California, Santa Cruz, Santa Cruz, CA 95064 USA); ZWEERINK, J. (Department of Physics and Astronomy, University of California, Los Angeles, CA 90095 USA)

**Presenter(s) :** COVAULT, C. E. (Department of Physics, Case Western Reserve University, Cleveland, OH 44106 USA)

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