

Radiowave Neutrino Detection

Friday 22 June 2007 12:50 (25 minutes)

We report new results on experiments searching for cosmic neutrino fluxes, including the Antarctic Impulsive Transient Antenna (ANITA) experiment, which completed a 36-day flight of a long-duration balloon payload, in Dec. 2006 - Jan. 2007. We search for impulsive events that could be associated with ultra-high energy neutrino interactions in the ice, and derive limits that constrain several models for ultra-high energy neutrino fluxes.

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