



Contribution ID : 442

Type : Oral

A search for neutrino bursts from gravitational collapse of stars at Baksan Underground Scintillation Telescope.

Thursday, 5 July 2007 12:46 (0:11)

Abstract content

Current status and results of the experiment on recording neutrino bursts are presented. The observation livetime (since 1980) is 22.6 years. The upper bound of collapse frequency in our Galaxy is 0.10 y^{-1} (90% CL).

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

BUST 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. 5 (HE part 2), pages 1345-1348

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Session Classification : HE 2.3

Track Classification : HE.2.3