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Gamma Rays from Neutrino Pulsars

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Abstract content

Young rotating neutron stars (pulsars) are considered as strong sources of TeV muon neutrinos, which are produced through the delta resonance in proton- gamma photon interactions. In this presentation it is shown that the observed upper limit of gamma ray fluxes from the young pulsars put limit on fluxes of muon neutrinos from the sources.

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Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olive, 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 775-778

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