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High energy astrophysical neutrinos

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Abstract content

The quest for astrophysical neutrinos with energies above TeV's is the major goal of several astroparticle physics experiments around the world. The detection of these elusive particles would open a new astronomical window to the universe at high energies, in particular, to very hot and distant regions of the cosmos not accessible with TeV's and ultra high energy cosmic rays. In this talk, a brief review about the production mechanism and potential sources of high energy astrophysical neutrinos will be given. In addition, the current status of the search for these weak interacting particles will be presented.

Summary

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