

Solar Neutrino Studies in JUNO

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JUNO (Jiangmen Underground Neutrino Observatory) is highly sensitive to solar neutrinos across a broad spectrum of energies. Due to its large volume and exceptional radiopurity, JUNO is uniquely positioned to detect and study neutrinos produced in various stages of solar fusion processes. The detector's ability to capture low-energy solar neutrinos, in particular, provides valuable insights into the nuclear reactions occurring at the Sun's core, including those from the proton-proton (pp) chain and the carbon-nitrogen-oxygen (CNO) cycle.

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