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Abstract for The JUNO Calibration Strategy and its Simulation

Wednesday 29 July 2020 13:39 (3 minutes)

Jiangmen Underground Neutrino Observatory (JUNO) is a 20 kton liquid scintillator detector under construction in China,which is designed to primarily determine the neutrino Mass Hierarchy(MH) by detecting reactor anti-neutrinos via inverse beta decay.JUNO energy response is strongly position-dependant due to the detector structure and dimension.The energy resolution should be <3%/ (the quantity under the square root sign is E) to determine MH in 3σ in 6 years, so the calibration complex is very critical and has been designed.In this poster, the study including Calibration Strategy and simulation work will be presented.

Secondary track (number)

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