

X. Workshop on Resistive Plate Chambers and Related Detectors

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Cosmic Ray test of INO RPC stack

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The India-based Neutrino Observatory (INO) collaboration is planning to build a massive 50kton magnetised iron calorimeter (ICAL) detector using glass RPCs as active detector elements. A stack of 12 such glass RPCs of 1m x 1m in area are tracking cosmic ray muons over the last two years. In this paper, we will review the performance of the RPCs using this cosmic ray data collected so far.

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