

The primary proton vertices reconstruction in the DsTau(NA65) experiment

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The NA65 (DsTau) experiment uses a direct way to study the tau neutrino production from Ds decay, produced in high-energy proton-nuclear interactions. For registering such short lived particles, nuclear emulsion tracking detectors are used, capable of distinguishing events, despite of a high density of $10^5 - 10^6$ particles/cm².

The present report shows the first results of the pilot run analysis, especially the reconstruction of the primary proton interactions in the detector.

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