

Abstract Submitted
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Search for Strange-Charmed Pentaquark States in the 1.96 TeV ppbar collision SCOTT FIELD, Rochester, CDF COLLABORATION — Since the H1 collaboration reported D^* -p bound state as a charmed pentaquark with a mass of $3.099 GeV/c^2$, there has been much interest in Heavy-Flavor pentaquark searches. Theorists have predicted both strong and weak decays of strange-charmed pentaquark states near the mass threshold of $Ds+p$. We report searches for the strange-charmed pentaquark states using 240 pb⁻¹ of data collected by CDF II detector at the Fermilab.

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