

Abstract Submitted
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A Dalitz Plot Analysis of $D^0 \rightarrow K^+K^-\pi^0$ Using CLEO III Data
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TION — We present preliminary results from a Dalitz plot analysis of the Cabibbo
suppressed charmed meson decay mode $D^0 \rightarrow K^+K^-\pi^0$. We also compare various
methods of analysis (including K-matrix, Isobar). The data used were accumulated
during the CLEO III experiment at the Cornell Electron Storage Ring. The sample,
which was taken at and near the $\Upsilon(4S)$ resonance, has an integrated luminosity of
 9 fb^{-1} .

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