

Abstract Submitted
for the APR09 Meeting of
The American Physical Society

Double Parton scattering in 2fb^{-1} of CDF II $W \rightarrow e\nu + \text{jets}$ data
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for Evidence of Double Parton Scattering events in $W \rightarrow e\nu + \text{jets}$ in 2fb^{-1} CDF II
data is presented. Silicon and COT tracking system is used for vertex reconstruc-
tion of the Low energy jets. Multiple Interactions (two different ppbar collisions)
distinguished by applying a cut on ΔZ between electron track Z and Jet Z Vertex.
To discriminate Signal from the background, Azimuthal angular distributions are
fit for single plus multiple parton collision model. Work is in progress to obtain the
Double Parton fraction present in data.

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Date submitted: 09 Jan 2009

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