

Abstract Submitted
for the APR08 Meeting of
The American Physical Society

Measurement of the differential top cross section ($d\sigma/dM_{t\bar{t}}$) at CDF ALICE BRIDGEMAN, University of Illinois at Urbana-Champaign, CDF COLLABORATION — We present a measurement of the $t\bar{t}$ differential cross section, $d\sigma/dM_{t\bar{t}}$, at $\sqrt{s} = 1.96$ TeV using approximately 1.9 fb^{-1} of data collected with the CDF II Detector at the Fermilab Tevatron. We select events in the $W + \geq 4$ jets sample with displaced secondary vertices from jets with heavy-flavor decays. We use a regularized unfolding technique to correct the reconstructed invariant mass distribution back to the true distribution. We see no evidence of inconsistency with the standard model, with an observed p-value of 0.45.

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Date submitted: 10 Jan 2008

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