

Abstract Submitted
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Measurement of $Wb\bar{b}$ cross section at CDF MITCHELL SODERBERG, University of Michigan, CDF COLLABORATION — We present a preliminary measurement of the $Wb\bar{b}$ cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV at the Collider Detector at Fermilab. We measure the cross section using events which contain one high transverse momentum lepton, missing transverse energy, and one or two jets including one jet tagged with a displaced secondary vertex. We use the invariant mass and pseudo-lifetime of the vertex to discriminate between b-quark jets, charm jets, and mistags.

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