

Abstract Submitted
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Measurement of the Dijet Mass Spectrum at $\sqrt{s}=1.96$ TeV in the D0 experiment MANDY ROMINSKY, University of Oklahoma, D0 COLLABORATION — We present the differential dijet mass cross section measurement at a center of mass energy of 1.96 TeV in six rapidity regions using the D0 detector. This measurement utilizes 0.7 fb^{-1} of integrated luminosity collected in proton-antiproton collisions during Run IIa of the Fermilab Tevatron. We correct the data back to particle level and compare it to parton-level theory to which fragmentation and underlying event corrections have been added.

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