

Abstract Submitted
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Measurement of differential cross section for Z boson production at Dzero LEI WANG, University of Maryland, DZERO COLLABORATION — The Tevatron has delivered more than 1/fb of proton-antiproton data with a center of mass energy of 1.96 TeV to the collider experiments. Using events containing two high p_T electrons with $|\eta| < 1$, we show results of a preliminary measurement of the Z boson cross section and the differential distribution $d\sigma(Z \rightarrow e^+e^-)/dp_T$ using the full data sample taken by the Dzero experiment before December 2005.

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