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Search for a New Massive Boson Z' with Di-muon Data at CDF
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KOTWAL, Duke University, CDF COLLABORATION — We present a measure-
ment of the Drell-Yan mass spectrum at high energies in the dimuon channel using
2/fb of proton-antiproton collision data taken with the CDF II detector at a centre
of mass energy of 1.96 GeV. We examine this mass spectrum for any excesses over
Standard Model predictions and to search for new neutral massive bosons such as
 Z' decaying to two muons.

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