

Abstract Submitted
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QCD inputs to W Mass Measurement TIMOTHY ANDEEN, Northwestern University, DZERO COLLABORATION — We present a study of the sensitivity of W boson mass measurement to various QCD input parameters. In high statistics measurements at the Tevatron these parameters will be a significant source of the uncertainty. In particular, we have investigated how the concurrent measurements of the Z boson transverse momentum distribution and the W boson charge asymmetry during Run II of the Tevatron can help to constrain these inputs.

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