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## Recent measurements of electroweak boson properties at D0

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We present a measurement of the shape of the Z boson rapidity for  $Z/\gamma^* \to \mu^+\mu^-$  produced in  $p\bar{p}$  collision at  $\sqrt{s} = 1.96$  TeV. We use 8.6 fb<sup>-1</sup> of  $p\bar{p}$  data collected by the D0 detector at the Tevatron collider. The results are compared to NNLO QCD predictions using different sets of Parton Density Functions. We also present a measurement of the shape of the transverse momentum distribution for W boson in the  $W \to e\nu$  decay channel using 4.2 fb<sup>-1</sup> of  $p\bar{p}$  data at  $\sqrt{s} = 1.96$  TeV.

**Authors:** HIROSKY, Bob (University of Virginia (US)); TUCHMING, Boris (Université Paris-Saclay (FR)); D0, Collaboration (Fermilab); BLOOM, Kenneth (University of Nebraska Lincoln (US))

Presenter: BLOOM, Kenneth (University of Nebraska Lincoln (US))

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