

Extra dimension searches at hadron collider to NLO-QCD

Sunday, 12 March 2006 09:00 (25 minutes)

The quantitative impact of NLO-QCD corrections for searches of large and warped extra dimensions at hadron colliders is investigated for the Drell-Yan process. The K-factor for various distributions at hadron colliders are presented. Factorisation/renormalisation scale dependence and uncertainties due to various parton distribution functions of these distributions are studied.

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Session Classification: New Physics/Top and QCD

Track Classification: Top and QCD