

Abstract Submitted
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Low mass Drell-Yan production at the CERN LHC within the dipole formalism M.BEATRIZ GAY DUCATI¹, MIRIAN GRIEP², MAGNO MACHADO³, UFRGS — The low mass Drell-Yan production in proton-proton collisions at the LHC in the color dipole formalism is presented. The DY differential cross sections at center of mass energy of 7TeV as a function of dilepton rapidity, transverse momentum and invariant mass are analyzed. Kinematical cuts related to the low mass DY production investigated by ATLAS and LHCb collaborations are properly taken into account.

¹Phenomenology of High Energy Group, GFPAE

²Phenomenology of High Energy Group, GFPAE

³Phenomenology of High Energy Group, GFPAE

M. Beatriz Gay Ducati
UFRGS

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