

QCD2016ParisDinoAbstract

Author: Konstantin Goulianos

Title: RENORM TENSOR-POMERON CROSS SECTIONS

Abstract: Proton-proton diffraction dissociation and precision total cross section predictions, based on a Regge-theory inspired Tensor-Pomeron approach of the RENORM gap-probability renormalization model, are compared to experimental results at the LHC up to 13 TeV, and extended to higher energies at planned supercolliders and cosmic rays.