DIS 2015

XXIII International Workshop on
Deep-Inelastic Scattering and
Related Subjects

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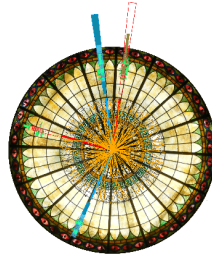
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Review of RENORM Diffractive Predictions for LHC up to 8 TeV and Extension to 13 TeV

Tuesday 28 April 2015 08:30 (25 minutes)

Predictions of diffractive, total, and total-inelastic cross sections at the LHC, based on the pre-LHC renormalization model of diffraction RENORM, are reviewed and compared with the latest experimental results. RENORM is found to be in reasonable agreement with all aspects of the data and is extended to include predictions for the upcoming LHC run at 13 TeV.

Primary author: Prof. GOULIANOS, Konstantin (The Rockefeller University)

Presenter: Prof. GOULIANOS, Konstantin (The Rockefeller University)

Session Classification: WG2 Small-x, Diffraction and Vector Mesons

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