



Contribution ID: 230

Type: **not specified**

MC tuning using the HHT PDF set with the low-x higer-twist term.

Tuesday 17 April 2018 09:40 (20 minutes)

In the HHT QCD fit the standard DGLAP evolution was augmented by including an additional low-x higher-twist term in the description of the longitudinal structure function, F_L . This additional term significantly improves the description of the HERA reduced cross sections at low Bjorken- x and low four-momentum-transfer squared, Q^2 . Since the HHT fit describes well data from the highest Q^2 down to Q^2 of a few GeV^2 , it can be used in studies to tune MC samples using the LHC underlying event variables. Preliminary trsults of this tuning will be shown in this presentation.

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Session Classification: WG1: Structure Functions and Parton Densities

Track Classification: WG1: Structure Functions and Parton Densities