Diffraction and Low-x 2018



Contribution ID: 69

Type: not specified

Forward Drell-Yan plus jet production as a probe of the BFKL dynamics

We propose a new process which probes the BFKL dynamics in the high energy proton-proton scattering, namely the forward Drell-Yan production accompanied by a forward jet, separated from the DY lepton pair by a large rapidity interval.

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Track Classification: Low-x, PDFs and hadronic final state