

Probing low x with LHCb data

We report on studies of low invariant mass Drell-Yan production in the LHCb experiment. Measurements of the Drell-Yan differential cross-section can probe values of x down to 10^{-5} . Strategies for triggering, selection, and background reduction are discussed. Estimated statistical and systematic errors are given as a function of Drell-Yan invariant mass. The sensitivity to uncertainties in parton density functions is discussed.

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Track Classification: Unified Theories, Strings, Non-perturbative QFT