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nCTEQ PDFs and the strange quark

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Extraction of the strange quark PDF is a long standing puzzle. We use nCTEQ nPDFs with uncertainties to examine W/Z production at the LHC and try to study both the nuclear corrections and the flavor differentiation. This complements the information from neutrino-DIS data. Additionally, we look ahead to future facilities such as EIC, LHeC, and LHC upgrades and use a new tool, PDFSense, to estimate the impact

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