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Energy evolution of T-odd gluon TMDs

At leading twist the three dipole type T-odd gluon TMDs originate from the spin dependent odderon, which inspired us to study their behavior under energy evolution. We further propose to study their evolution via azimuthal asymmetries in virtual photon-jet production in polarized proton-proton collisions, which should be feasible after the STAR forward detector upgrade at RHIC. We present predictions for the asymmetries as functions of the large jet or photon transverse momentum and Q^2 which set the hard scales in this process.

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