

XXIV International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS16)



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The high-energy radiation pattern from BFKLex

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We will present a study of high-energy jet production in the multi-Regge limit making use of the Monte Carlo code BFKLex which includes collinear improvements in the form of double-log contributions. Making use of the anti-kt jet algorithm in the FastJet implementation, we will present results for the average transverse momentum and azimuthal angle of the produced jets when two tagged forward/backward jets are present in the final state. We also introduce a new observable which accounts for the average rapidity separation among subsequent emissions.

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