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Collins Effects in the Collinear Factorization Approach FENG YUAN, Lawrence Berkeley Lab/RBRC, BOWEN XIAO, JIAN ZHOU, Lawrence Berkeley Lab — In this talk, we will present our recent research on the Collins effects in the collinear factorization approach. By explict calculations, it is demonstrated that the transverse momentum dependent and collinear factorization approaches are consistent in the description of the Collins effects in the semi-inclusive hadron production in deep inelastic scattering. Collins effects contributions to the single spin asymmetry in inclusive hadron production in pp scattering will also be discussed.

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