

## PB TMD distributions from fits to DIS precision data

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We present a new determination of Transverse Momentum Dependent (TMD) parton distributions applying the Parton Branching method. The PB TMDs are obtained from fits to precision DIS data using DGLAP splitting functions at leading and higher order. In addition the CCFM splitting function will be applied to include small  $x$  effects.

Applications of these new TMD distributions will be discussed.

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