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New parton densities with Parton Branching method

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We present a determination of parton densities at NLO obtained with the Parton Branching method using HERA precision data. The parton densities are obtained with the standard and angular ordering evolution scales. For integrated pdfs a significant effect is observed.

The transverse momentum dependent (TMD) densities, automatically obtained with the Parton Branching method, are applied to LHC processes, like Drell Yan pt spectrum and high pt dijet correlations.

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