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Azimuthal correlations in Z+jet events

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We present a measurement of azimuthal correlations in Z+jet events measured by CMS at $\sqrt{s}=13$ TeV. The measurements are compared to predictions at NLO using Pythia8 parton shower and hadronization as well as Parton Branching TMDs and TMD shower.

Predictions are given for the back-to-back configuration and a comparison of the prediction with measurements of multi-jets in the same kinematic range is shown.

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