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## ATLAS measurements of Double Parton Scattering

The ATLAS collaboration has studied signatures of double-parton scattering in inclusive production of four isolated leptons at proton-proton collision energy of 8 TeV and in inclusive production of four jets at 7 TeV. The fraction of events originating from double-parton scattering has been extracted using dedicated techniques and used to measure the effective cross section in both analyses. Distributions sensitive to the presence of double parton scattering in the four-jet event sample were unfolded to the particle level and compared to various tunes of a selected Monte Carlo simulation.

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