

# Production of direct photons at ATLAS

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The production of direct photons at ATLAS will be an ideal test of perturbative QCD (pQCD) in a kinematic region never observed before. Gaining a deeper understanding of pQCD is essential to searches for new physics at the LHC. In addition, differential cross-section measurements of direct photon production can be used to constrain parton density functions. The plans for the first direct photon measurement with the first LHC data will be presented.

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