

Top quark pair production in association with a photon

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Top quark pairs in association with final state particles are produced in large quantities at the LHC due to the high centre-of-mass energy available in proton-proton collisions. One such topology is that of a prompt photon radiated from the top-quark in addition to the final state particles from the top-quark decay. Presented are the results from the ATLAS experiment, which measured the fiducial cross section as well as differential cross sections with respect to kinematic variables of the photon.

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