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Prospects for yy->WW at the High-Luminosity LHC

Photon fusion is a rare and interesting process at proton colliders, with a remarkably clean signature that has little (if any) remnant activity from the interacting particles. A particularly interesting photon-induced process, the production of W-boson pairs (yy->WW), was recently observed using the 139/fb of proton-proton collision data collected by ATLAS at \sqrt{s} =13TeV during LHC Run-2. In this [talk/poster], the prospects for exploiting yy->WW at the High-Luminosity LHC (HL-LHC) will be presented. Photon-fusion analyses will be more difficult at the HL-LHC due to increased pile-up activity, which spoils the clean signature of the photon-fusion process. The expected sensitivity of the HL-LHC yy->WW analysis will be presented, including the impact of planned and possible detector

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