

Abstract Submitted
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Search for new physics in the monophoton final state using full run II data DE-LIN MACIVE XIONG, Florida State University, CMS COLLABORATION — Events with a final state composed of a single high energy photon and a large missing transverse momentum can be sensitive probes of new physics at the LHC. The monophoton final state has the advantage of being identified with high efficiency and high purity. The preliminary result of a search for new physics using the full run II dataset by the CMS with an integrated luminosity of 137 fb^{-1} at a center of mass energy of 13 TeV will be presented.

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