

Exclusive dilepton photoproduction in pp and p-Pb collisions with CMS

We'll present studies of exclusive photoproduction of dileptons in proton-proton at centre-of-mass energy of 7 TeV and p-Pb at centre-of-mass energy per nucleon-nucleon pair of 5.02 TeV with the CMS detector. The events selected with back-to-back muon pairs and no significant additional activity in the detector. The physics process corresponds to these events are two photon exchange and exclusive photo-production of Upsilon (1S,2S,3S) mesons. We'll present the latest experimental measurements and comparisons to theoretical expectations.

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