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Exclusive measurements (di-leptons and vector mesons) at CMS (15'+5')

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A measurement of exclusive production of muons pairs in pp collisions at $\sqrt{s} = 7$ TeV is presented. Events are selected requiring the observation of two muons and no other activity in the CMS detector. Single differential cross sections are obtained as function of the dimuon transverse momentum, invariant mass and acoplanarity for dimuon pairs with an invariant mass above 11 GeV. Data are compared to predictions of the LPAIR Monte Carlo model for elastic, single and double proton-dissociative $\gamma\gamma \rightarrow \mu\mu$ production.

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