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Production studies of B^+ meson in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV

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The description of some B^+ meson production studies is presented, which are based on an event sample of pPb collisions at a center-of-mass energy of $\sqrt{s_{NN}} = 8.16$ TeV, collected by CMS detector at the CERN LHC during 2016 and corresponding to an integrated luminosity of 189.7 nb^{-1} . The $B^+ \rightarrow J/\psi K^+$ and $J/\psi \rightarrow \mu^+ \mu^-$ decays are used for these studies.

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