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Studies of relative production of χc2/χc1 and (χc1 + χc2)/(J/ψ) in pPb collisions at $\sqrt{}$sNN = 8.16 TeV at the CMS experiment

Content

The production of χc states in pPb collisions at $\sqrt{}$sNN = 8.16 TeV, collected by CMS detector during 2016 and corresponding to an integrated luminosity of 180 nb−1, is studied via the ratios of χc2 to χc1 and χc to J/ψ. The ratios are presented as a function of transverse momentum, rapidity and primary track multiplicity. The corresponding kinematic ranges are $6.5 < pT < 30$ GeV/c in transverse momentum and $-2.4 < y < 2.4$ in laboratory rapidity.

Summary

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