

ATLAS results on charmonium production

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Recent results of the ATLAS experiment on charmonium production in proton-proton at 8 and 13 TeV collisions will be presented. The measurement of the associated production of the J/ψ meson and a gauge boson, including the separation of single and double parton scattering components, will be discussed. The measurement of J/ψ and $\psi(2S)$ differential cross sections will be reported as obtained on the whole Run 2 dataset.

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