

## ATLAS results on charmonium production

Recent results from the proton-proton collision data taken by the ATLAS experiment on charmonium production will be presented. The measurement of  $J/\psi$  and  $\psi(2S)$  differential cross sections will be reported as measured on the whole Run 2 dataset. Results on associated production of prompt  $J/\psi$  and  $W$  bosons in the 8 TeV data will be shown.

**Primary author:** ATLAS COLLABORATION

**Session Classification:** Symmetries, hyperon and neutrino session