

XXX-th International Workshop on High Energy Physics “Particle and
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Inclusive- Jet Cross-Section Measurement on Low Mu Run Analysis (ATLAS)

The inclusive double-differential jet cross section measurement has been performed with the ATLAS detector on 2012 data taken at $\sqrt{s}=8$ TeV, as a function of jet transverse momentum and rapidity. This presentation will concentrate on the analysis of a data sample with no pile-up, that has been collected on a special low mu run for detector calibration and “clean” physics studies, is used to measure the low-pt part of the spectrum, in a transverse momentum range between 20 and 100 GeV.

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