

# Low X workshop



Contribution ID : 7

## Measurement of Drell Yan process with the ATLAS detector

Tuesday 04 Jun 2013 at 08:00 (00h20')

### Content :

Measurement of neutral current and charged current Drell Yan processes provide accurate tests of pQCD and give additional information to constrain proton parton density functions. The measurements of the W and Z production as well as of the neutral current process outside the Z boson mass peak were performed by the ATLAS collaboration using 7 TeV pp collision data. The results are compared to NNLO QCD predictions corrected for NLO EW effects calculated using various PDF sets.

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