

Yellow Report:
Status of Chapter 4

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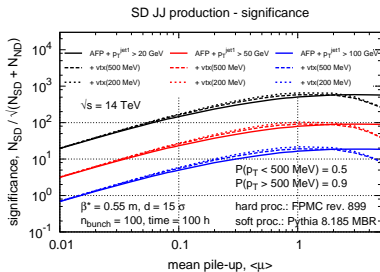
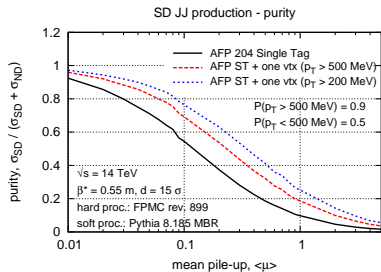
LHC Working Group on Forward Physics and Diffraction

16th April 2014

- SD JJ
- SD W
- SD Z
- SD γ + jet (?)
- SD JGJ (?)
- DPE JJ
- DPE γ + jet
- DPE JGJ
- DPE W
- DPE Z

Section Structure

- **Motivation**
news / interesting aspects from theory point of view are welcome!
e.g. $c\bar{c}$ production
- **Results from LHC experiments** (if public).
e.g. ATLAS and CMS results on SD JJ production
- **Predictions for the future LHC runs.**
ATLAS(ALFA/AFP) – CMS-TOTEM agreement on common plots?
(\sim same proton acceptance), e.g.:



Above plots are very preliminary!

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