

900 GeV pp

Soft QCD

Cross section( $M_x < 200 \text{ GeV}^2$ )

$\sigma_{SD}$  [mb]

Ratio to ALICE

Rivet 3.1.10,  $\geq 2.8\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

- ALICE
- ▲— Pythia 8.308 default
- -▼- Pythia 8.308 tune-AU2
- ··◇·· Pythia 8.308 tune-AU2lox
- ··□·· Pythia 8.308 tune-AU2loxx
- ★— Pythia 8.308 tune-AU2m

ALICE\_2012\_I1181770

$\sqrt{s}$  [GeV]

