

7000 GeV pp

 $b\bar{b}$ p_T^l (cms2011-mu- η 2.1) $d\sigma/dp_T$ ($pp \rightarrow b + X \rightarrow \mu + X'$) [nb/GeV]Rivet 3.1.10, ≥ 2.8 M events

mcplots.cern.ch [arXiv:1306.3436]

- CMS
- △— Pythia 6.428 370
- -□- - Pythia 6.428 391
- -■- - Pythia 6.428 default
- -☆- - Pythia 6.428 pro-q2o

CMS_2011_S8941262

Ratio to CMS

0.5

1

2

0.5

1

2

10

15

20

25

30

Muon p_T [GeV]