

10 TeV $\mu\mu \rightarrow \mu\mu tt$ (QED)

$\sigma(tt)$ [pb]

0.025

0.020

0.015

0.010

0.005

1

10

100

1000

ptcut [GeV]

— $\mu\mu$ p_{tl}1, p_{tl}2 < p_tcut

- - - $\gamma\gamma$ PDF(scale=p_tcut)

— $\mu\mu$ p_{tl}1 > p_tcut p_{tl}2 < p_tcut

- - - $\mu\gamma$ p_{tl} > p_tcut + PDF(scale=p_tcut)

— $\mu\mu$ p_{tl}1, p_{tl}2 > p_tcut

— sum

- - - sum (PDF)

— $\mu\mu$ no cuts at all

