

# Simulation, $L=4 \text{ fb}^{-1}$ , $\sqrt{s}=13 \text{ TeV}$ $\mu$ reco

Activity [GeV]

$10^3$

$10^2$

$0.94$   
 $\pm 0.07$

$0.95$   
 $\pm 0.10$

$0.96$   
 $\pm 0.08$

$0.96$   
 $\pm 0.06$

$0.97$   
 $\pm 0.06$

$0.95$   
 $\pm 0.04$

$0.95$   
 $\pm 0.05$

$0.96$   
 $\pm 0.05$

$0.97$   
 $\pm 0.04$

$0.97$   
 $\pm 0.03$

$0.96$   
 $\pm 0.03$

$0.96$   
 $\pm 0.01$

$0.93$   
 $\pm 0.09$

$0.96$   
 $\pm 0.09$

$0.95$   
 $\pm 0.09$

$0.96$   
 $\pm 0.06$

$0.95$   
 $\pm 0.07$

$0.96$   
 $\pm 0.02$

$0.94$   
 $\pm 0.08$

$0.95$   
 $\pm 0.09$

$0.93$   
 $\pm 0.11$

$0.95$   
 $\pm 0.07$

$0.95$   
 $\pm 0.07$

$0.96$   
 $\pm 0.02$

$10^2$

$\mu p_T$  [GeV]

1

0.9

0.8

0.7

0.6

0.5

0.4

0.3

0.2

0.1

0