

CMS36.3 fb⁻¹ (2016), 38.0 fb⁻¹ (2017), 59.7 fb⁻¹ (2018) (13 TeV)Isolated single- μ trigger with $p_T(\mu) > 24$ GeV $|\eta(\mu^{\text{offline}})| < 2.4$

L1+HLT efficiency

1.2
1
0.8
0.6
0.4
0.2
0

● 2016 data

■ 2017 data

▲ 2018 data

data/MC

1.05
1
0.95
0.9
0.85

0 50 100 150 200 250 300 350 400 450 500

 $p_T(\mu)$ [GeV]