

Efficiency

**ATLAS Preliminary**

$\sqrt{s}=13$  TeV, Data 2018,  $4.5 \text{ fb}^{-1}$

$Z \rightarrow \mu\mu$

$p_T^\mu > 27 \text{ GeV}$ ,  $|\eta^\mu| < 1.05$

1

0.5

0

- L1 MU20
- HLT mu26\_ivarmedium or mu50
- ▲ HLT mu26\_ivarmedium or mu50  
with respect to L1

offline muon  $\phi$

