

Efficiency

**ATLAS Preliminary**

$\sqrt{s}=13$  TeV

$\int Ldt = 522 \text{ pb}^{-1}$

$Z \rightarrow \mu\mu, |\eta^\mu| < 1.05$

1

0.5

0

- L1 MU15
- HLT mu20\_loose or mu50
- ▲ HLT mu20\_loose or mu50  
with respect to L1

offline muon  $p_T$  [GeV]

