

**ATLAS** Simulation Internal

$\sqrt{s} = 14$  TeV

$\langle\mu\rangle = 200$

Muon  $p_T \geq 5$  GeV

$2 \times 10^0$

Count

$10^0$

-3

-2

-1

0

1

2

3

Truth Muon  $\phi$