

**ATLAS** Simulation Preliminary

$\sqrt{s} = 14 \text{ TeV}$

$\langle\mu\rangle = 200$

Muon  $p_T \geq 5 \text{ GeV}$

Count

$1.45 \times 10^3$

$1.4 \times 10^3$

$1.35 \times 10^3$

$1.3 \times 10^3$

$1.25 \times 10^3$

-3

-2

-1

0

1

2

3

Truth Muon  $\phi$