

ATLAS Simulation Internal

$\sqrt{s} = 14$ TeV, HL-LHC

$\langle\mu\rangle = 200$

$t\bar{t}, J/\psi, Z \rightarrow \mu\mu$

Muon $p_T \geq 5$ GeV

Count

1.4×10^3

1.35×10^3

1.3×10^3

1.25×10^3

1.2×10^3

-3

-2

-1

0

1

2

3

Truth Muon ϕ