

**ATLAS** Simulation Preliminary

$\sqrt{s} = 14$  TeV

$\langle \mu \rangle = 200$

Muon  $p_T \geq 5$  GeV

Background Rejection Rate

1.0025

1.0000

0.9975

0.9950

0.9925

0.9900

0.9875

0.4

0.5

0.6

0.7

0.8

0.9

Hit Purity (Precision)

Efficiency (Working Point)

0.99

0.98

0.97

0.96

0.95

Working Point 0.9900

