

ATLAS Simulation Preliminary

$\sqrt{s} = 14$ TeV

$\langle\mu\rangle = 200$

Muon $p_T \geq 5$ GeV

True Positive Rate (Efficiency)

1.2

1.0

0.8

0.6

0.4

0.2

0.0

False Positive Rate

0.2

0.4

0.6

0.8

1.0

ROC curve (AUC = 0.9990)

Random classifier

