

ATLAS Simulation Preliminary

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

$\langle\mu\rangle = 200$

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

True Positive Rate (Efficiency)

1.2
1.0
0.8
0.6
0.4
0.2
0.0

False Positive Rate

ROC curve (AUC = 0.9990)
Random classifier

0.0 0.2 0.4 0.6 0.8 1.0