

ATLAS Simulation Internal

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

$t\bar{t}$, $\langle\mu\rangle = 200$

ITk Layout: 03-00-00

ACTS v43.0.1, Athena 25.0.40

- Non-ACTS, Mean \pm RMS
- ACTS-based, Mean \pm RMS

Average Execution Time [A.U.]

1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00

Number of Pixel Clusters

$\times 10^5$

