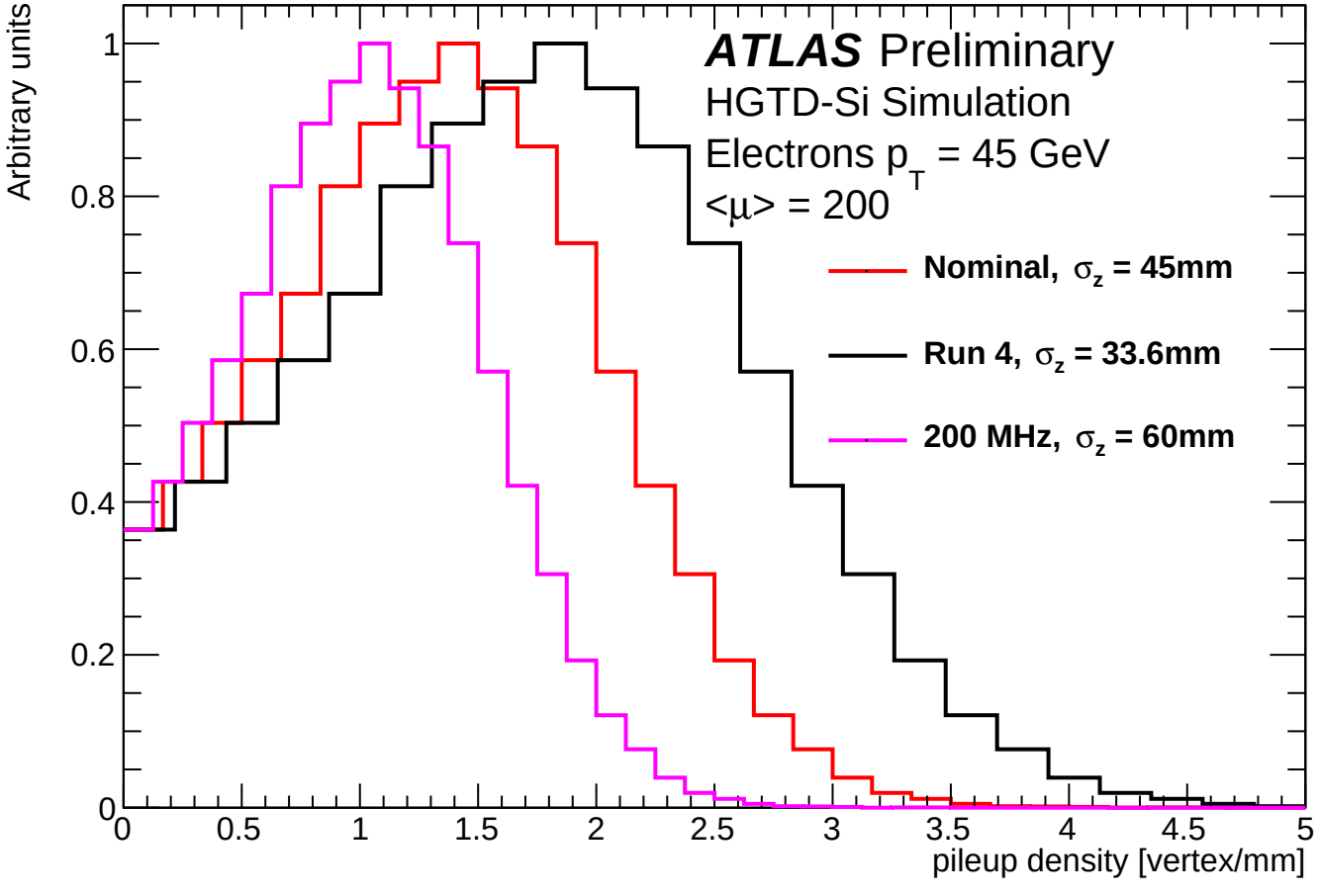
ATLAS Preliminary
HGTD-Si Simulation
Electrons p_T = 45 GeV
<μ> = 200
Nominal, σ_z = 45mm
Run 4, σ_z = 33.6mm
200 MHz, σ_z = 60mm
Arbitrary units
pileup density [vertex/mm]
0
0.2
0.4
0.6
0.8
1
0.5
1.5
2
2.5
3
3.5
4
4.5
5