Number of Topoclusters Fraction of Events 0.045 **ATLAS** Simulation Internal HL-LHC $\langle \mu \rangle = 200$ 0.04 Minimum Bias 0.035 0.03 0.025 --- Calo_422 0.02 — Calo_420 — Calo_Cal 0.015 0.01 0.005 200 400 600 800 2000 1000 1200 1400 1600 1800

Number of Topoclusters