Cumulative Number of Topoclusters post SK Fraction of Events/4 TC **ATLAS** Simulation Internal HL-LHC $\langle \mu \rangle = 200$ Minimum Bias $E_{T}^{TC} > 1.5$ 10^{-1} 10^{-2} — Calo 422 — Calo 420 10^{-3} 10^{-4} 10^{-5} 50 100 150 200 250 300 350 **Number of Topoclusters**