## **Cumulative Number of Topoclusters post SK** Fraction of Events/4 TC ATLAS Simulation Internal HL-LHC $\langle \mu \rangle = 200$ Minimum Bias $10^{-1}$ $10^{-2}$ -- Calo 422 — Calo 420 -- Calo\_Cal $10^{-3}$ $10^{-4}$ $10^{-5}$ 50 100 150 200 250 300 350 400 **Number of Topoclusters**