## **Cumulative Number of Topoclusters post SK** Fraction of Events/4 TC **ATLAS** Simulation Internal HL-LHC $\langle u \rangle = 200$ Minimum Bias $E_{\tau}^{TC} > 0.5$ $10^{-1}$ — Calo 422 **Calo 420** $10^{-2}$ $10^{-3}$ $10^{-4}$ 10<sup>-5</sup>, 50 150 200 250 300 350 100 400 **Number of Topoclusters**