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