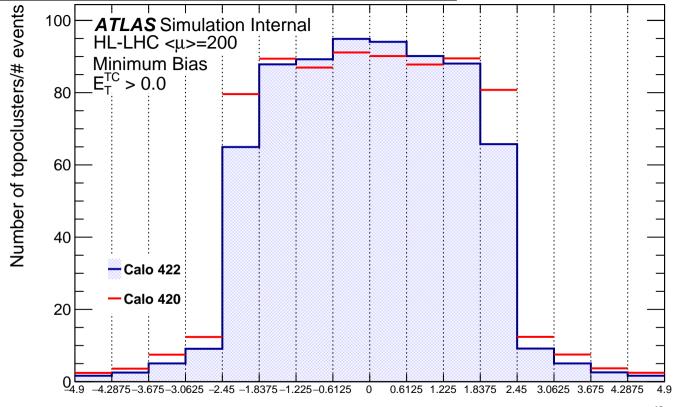
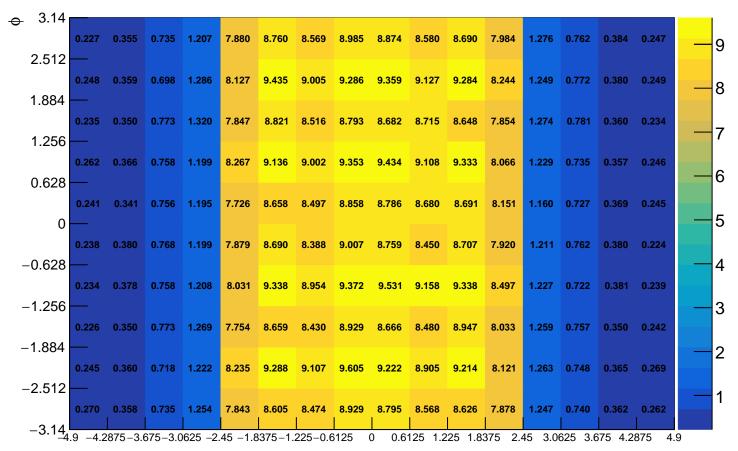
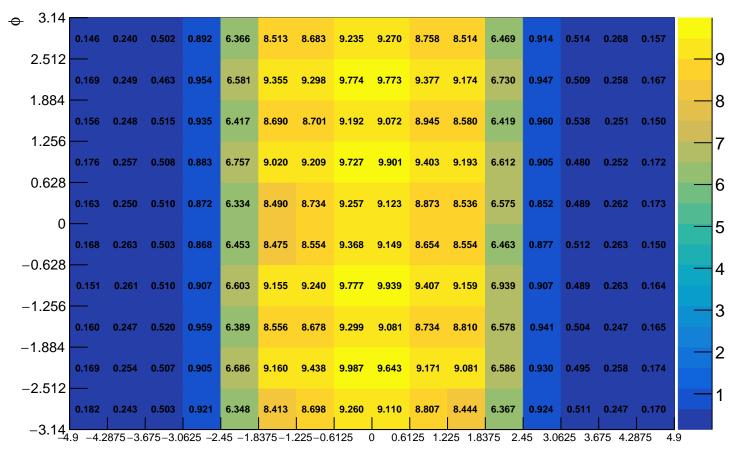
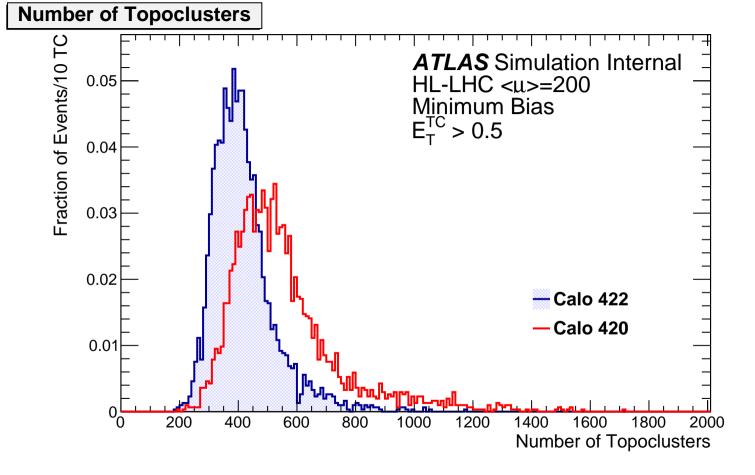


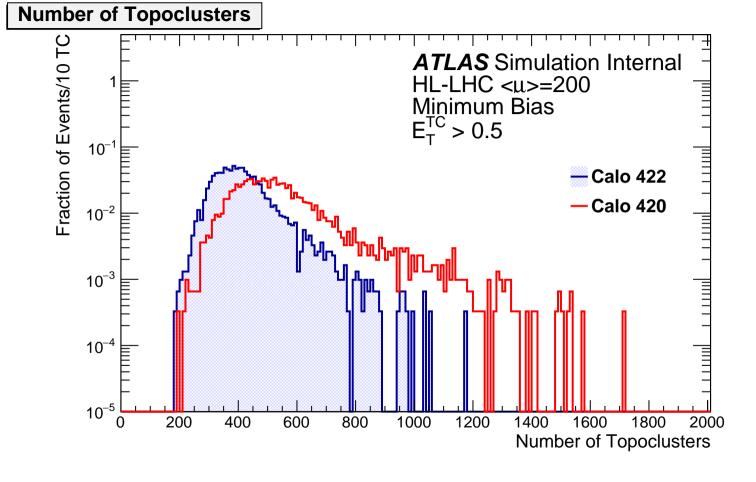
Average number of topoclusters as function of η

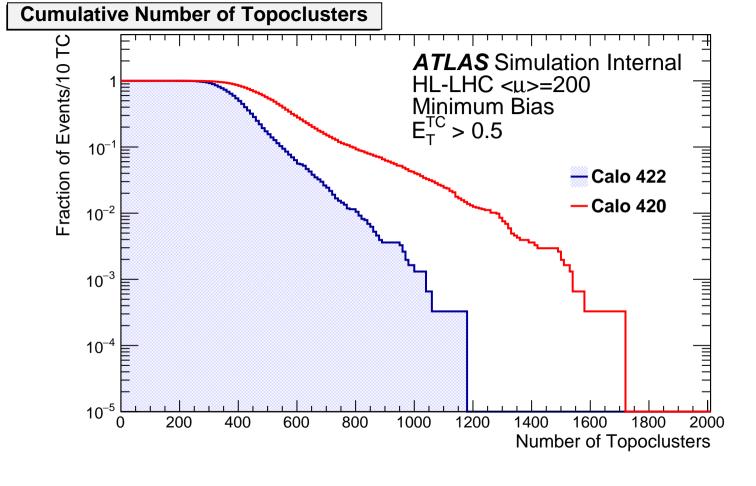


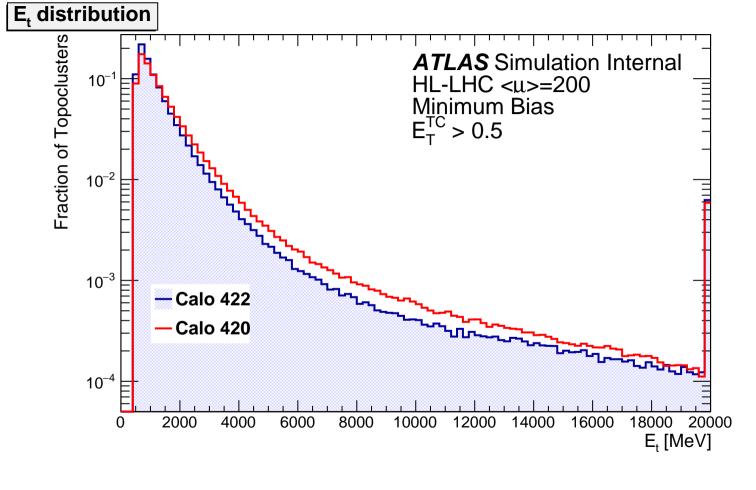




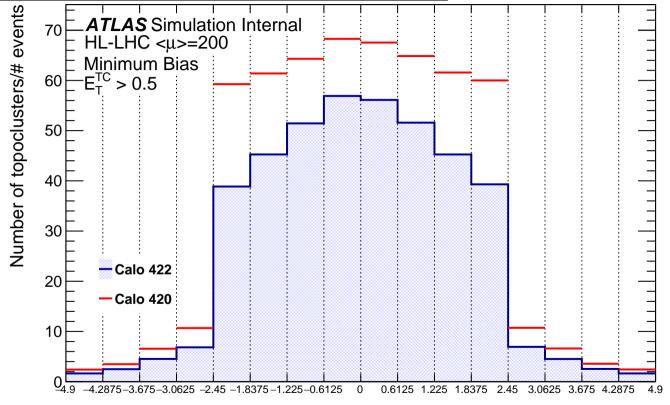


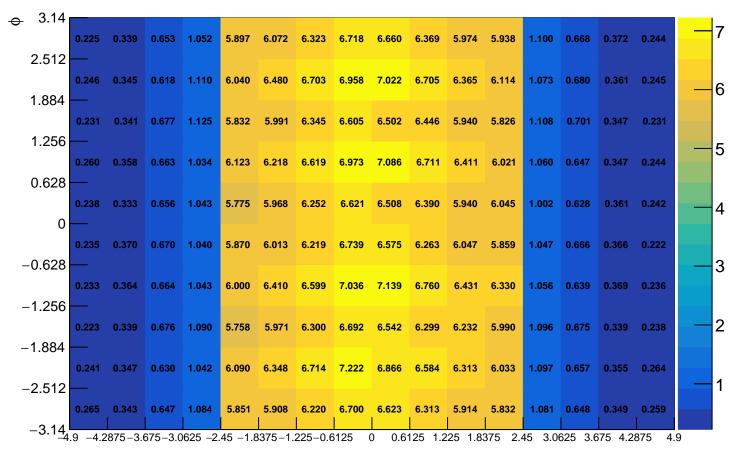


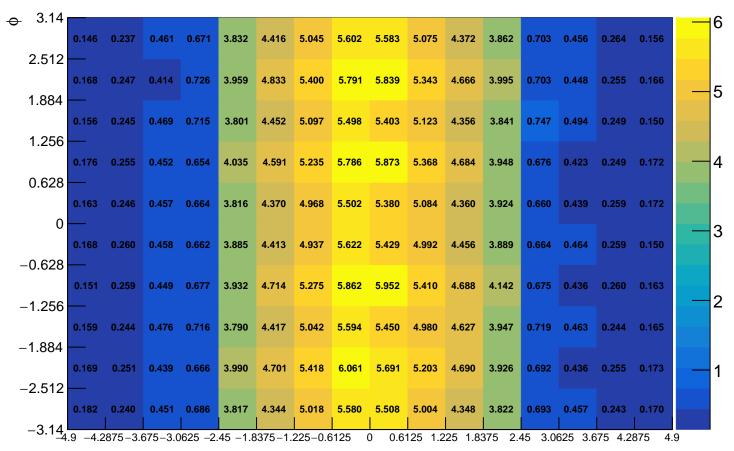


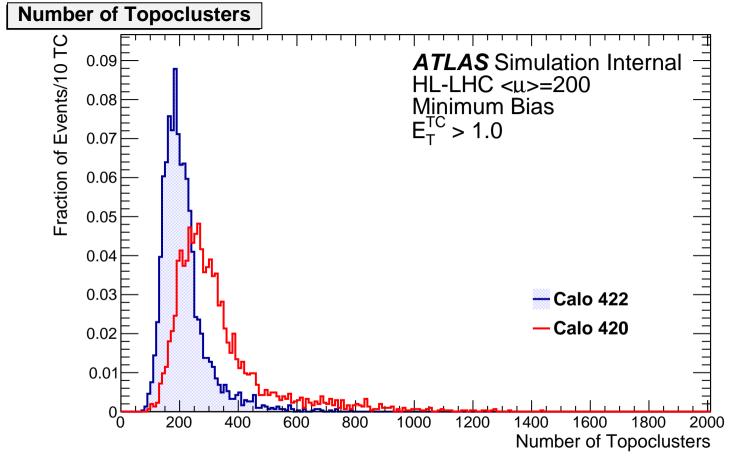


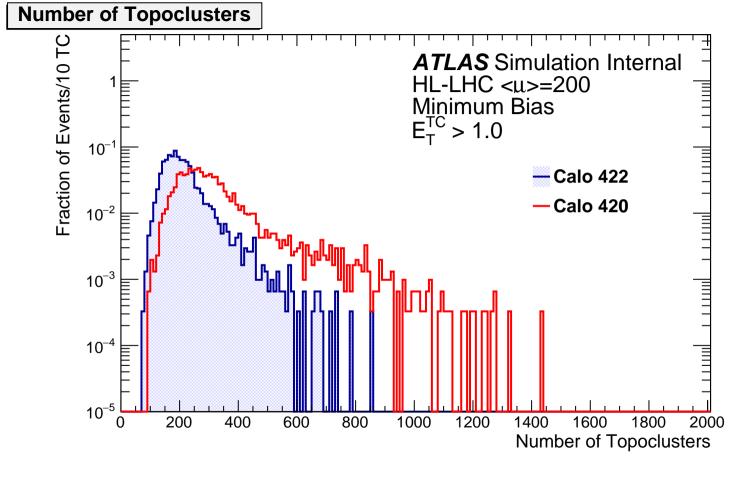
Average number of topoclusters as function of $\,\eta\,$

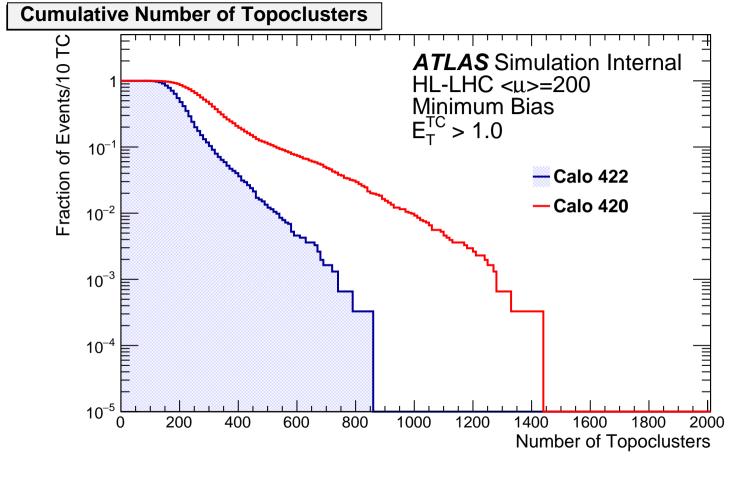


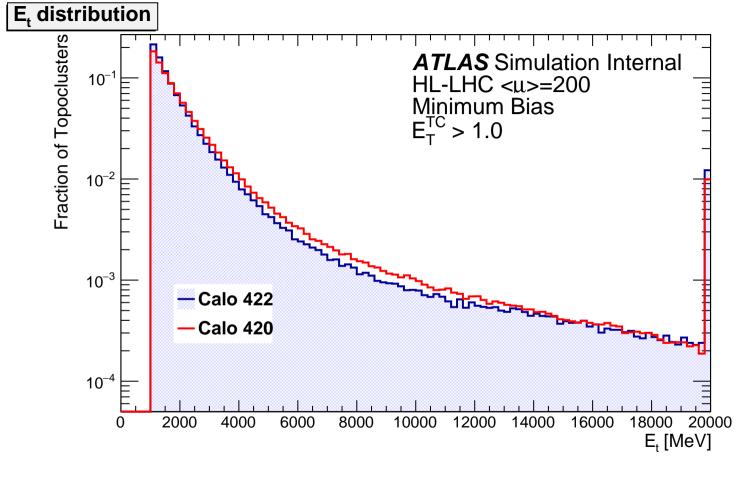








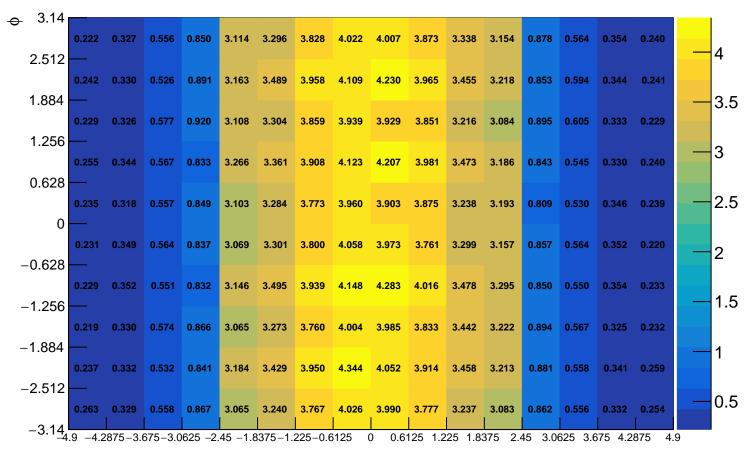


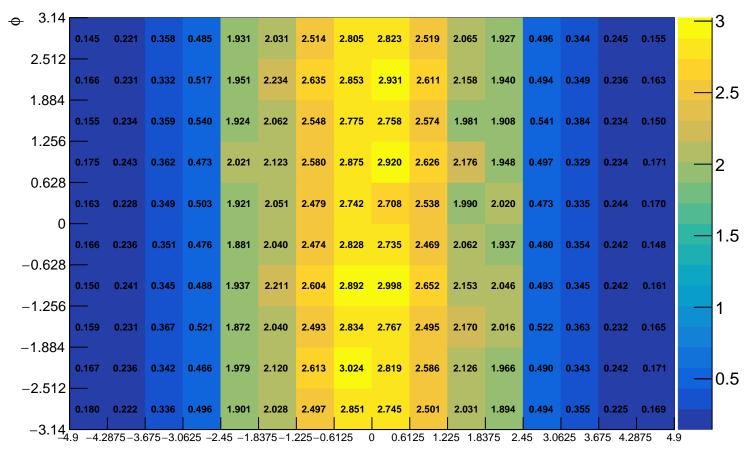


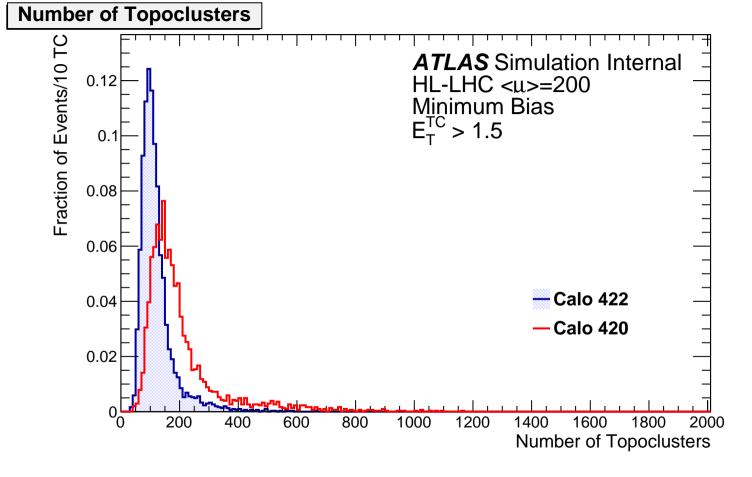
Average number of topoclusters as function of η Number of topoclusters/# events **ATLAS** Simulation Internal HL-LHC $\langle \mu \rangle = 200$ 40 Minimum Bias > 1.0 35 30 25 20 15 Calo 422 10 Calo 420

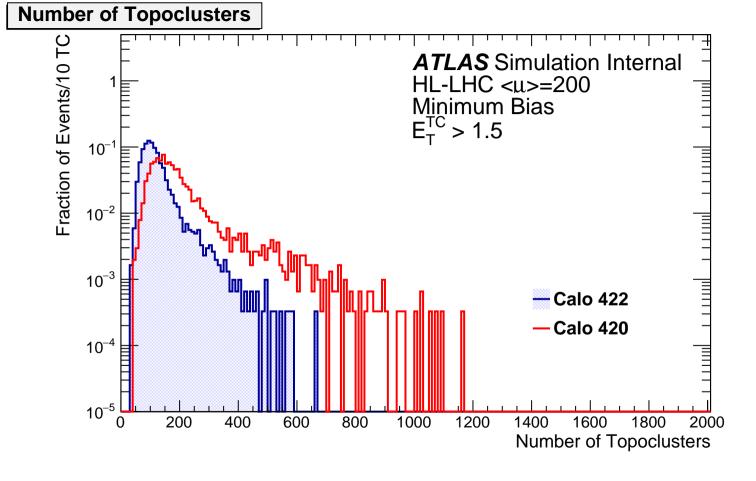
-4.2875-3.675-3.0625 -2.45 -1.8375-1.225-0.6125

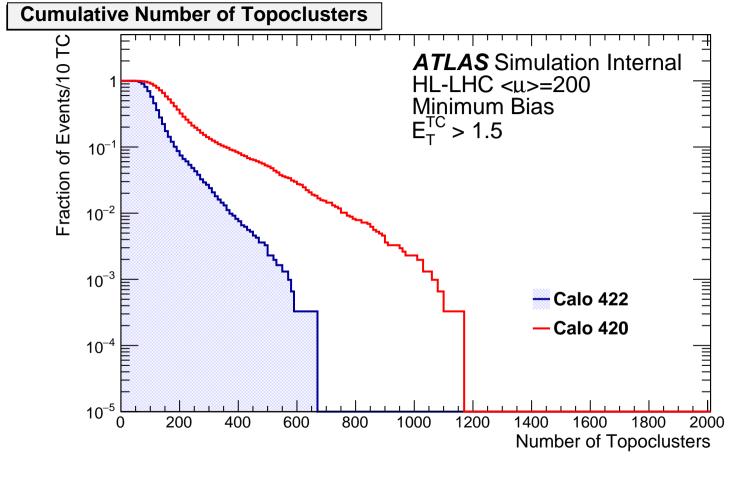
0.6125 1.225 1.8375 2.45 3.0625 3.675 4.2875

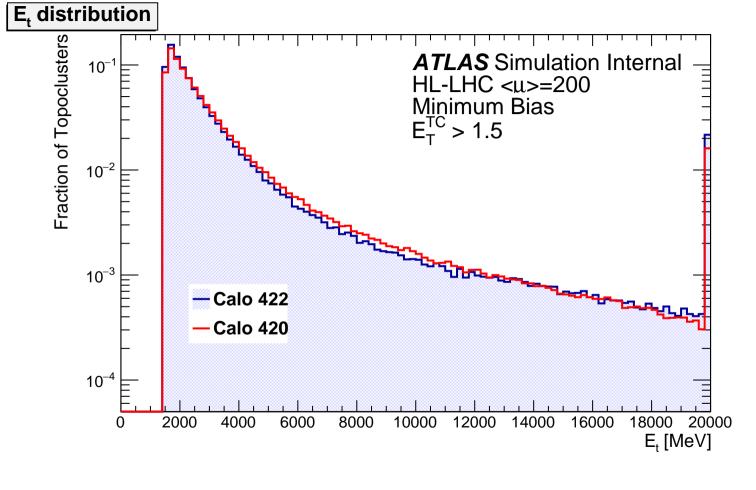








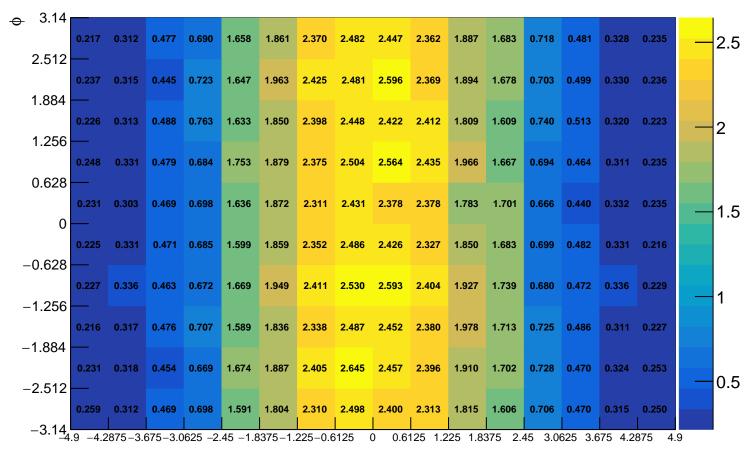


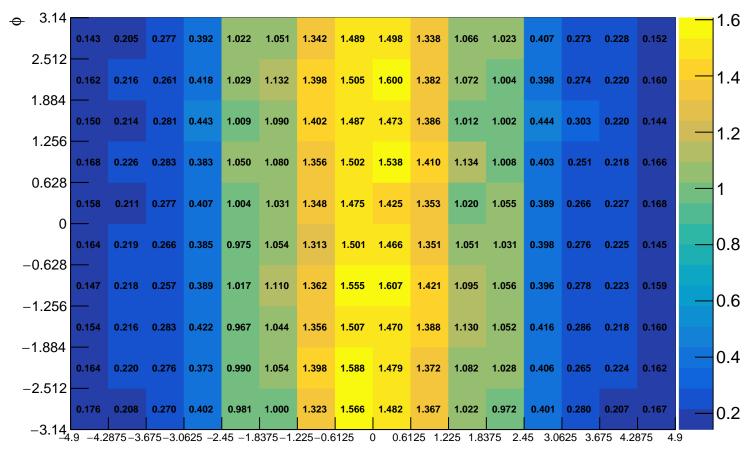


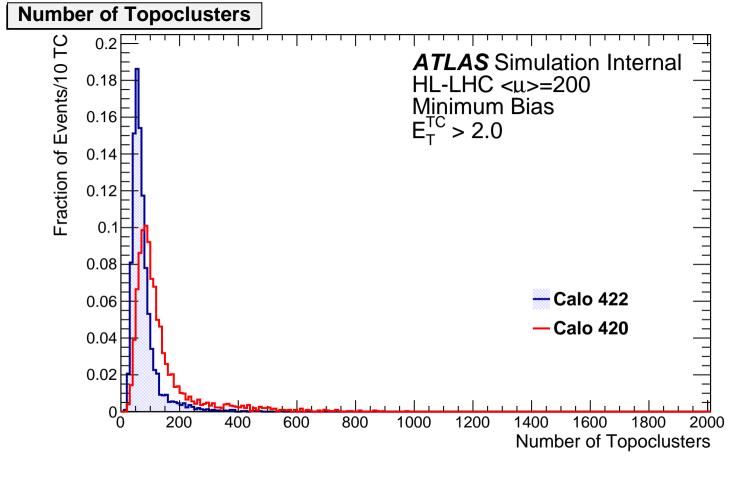
Average number of topoclusters as function of η Number of topoclusters/# events **ATLAS** Simulation Internal 25 HL-LHC $\langle \mu \rangle = 200$ Minimum Bias > 1.5 20 15 Calo 422 10 Calo 420 5

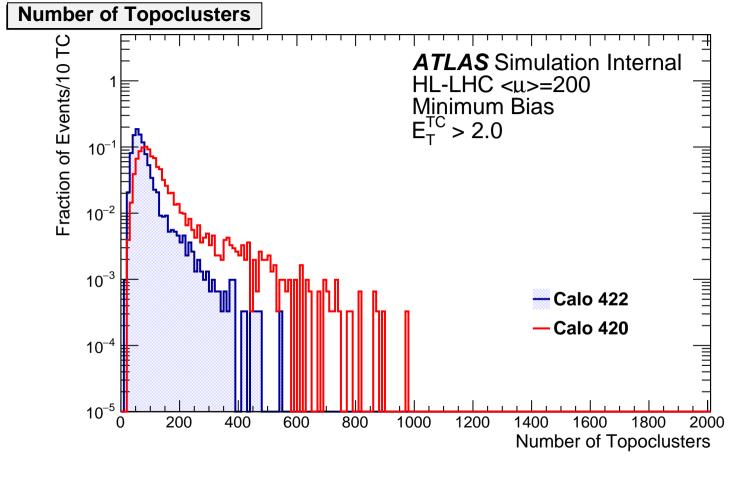
-4.2875-3.675-3.0625 -2.45 -1.8375-1.225-0.6125

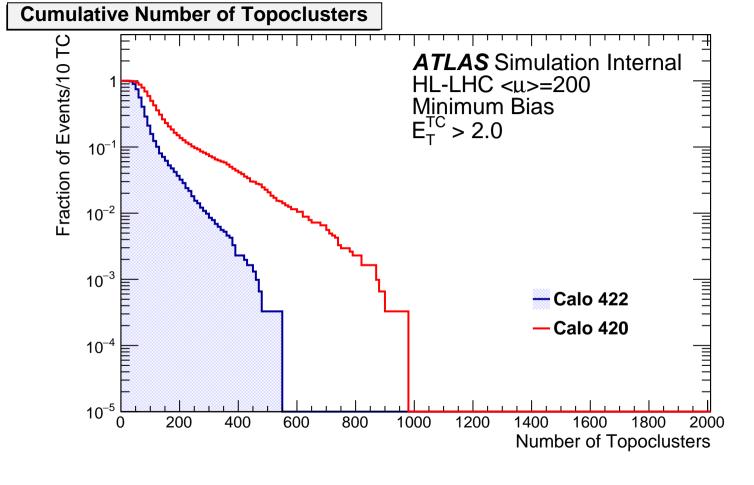
0.6125 1.225 1.8375 2.45 3.0625 3.675 4.2875

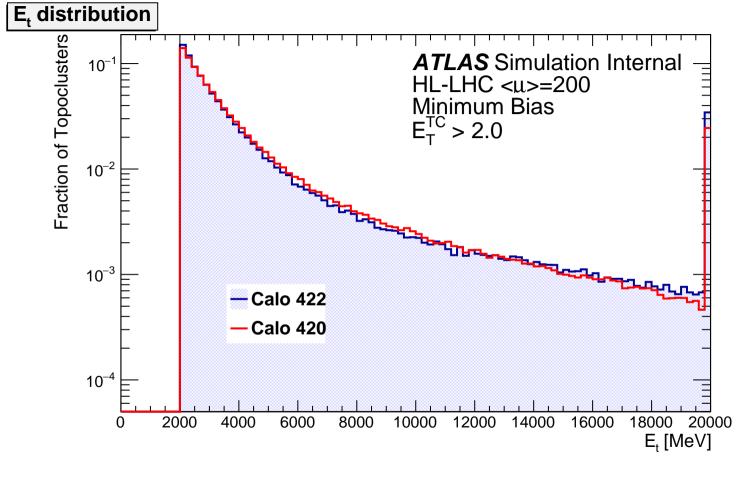












Average number of topoclusters as function of η Number of topoclusters/# events **ATLAS** Simulation Internal 16 HL-LHC <μ>=200 Minimum Bias 14 > 2.0 12 10 8 Calo 422 Calo 420 6

-4.2875-3.675-3.0625 -2.45 -1.8375-1.225-0.6125

0.6125 1.225 1.8375 2.45 3.0625 3.675 4.2875

