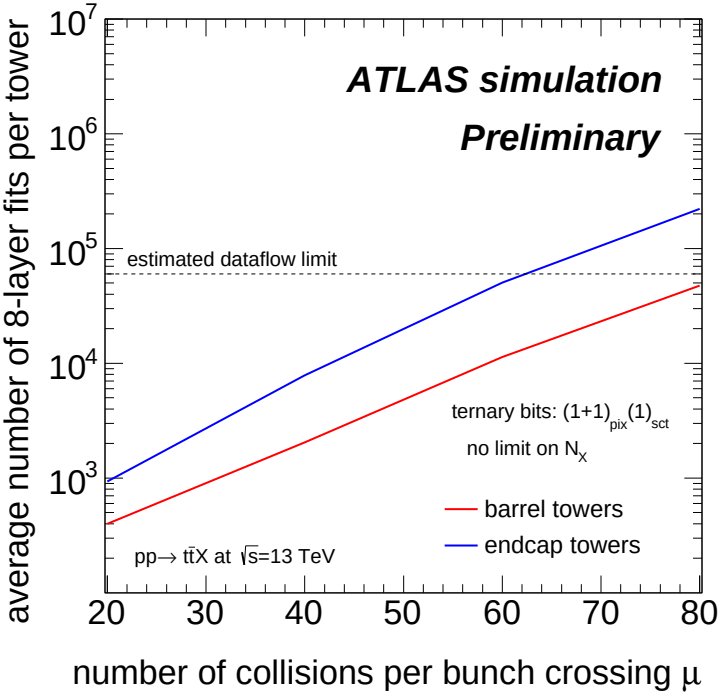
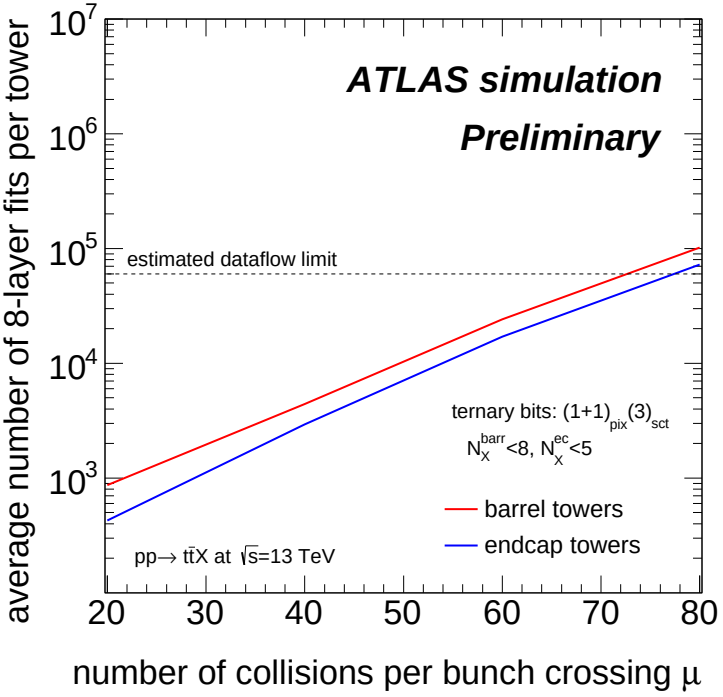

ATLAS simulation
Preliminary
estimated dataflow limit
ternary bits: (1+1)pix(1)sct
no limit on Nx
barrel towers
endcap towers
pp→ tt̄X at √s=13 TeV
average number of 8-layer fits per tower
number of collisions per bunch crossing μ


ATLAS simulation
Preliminary
estimated dataflow limit
ternary bits: (1+1)pix(3)sct
Nx barr<8, Nx ec<5
barrel towers
endcap towers
pp→ tt̄X at √s=13 TeV
average number of 8-layer fits per tower
number of collisions per bunch crossing μ