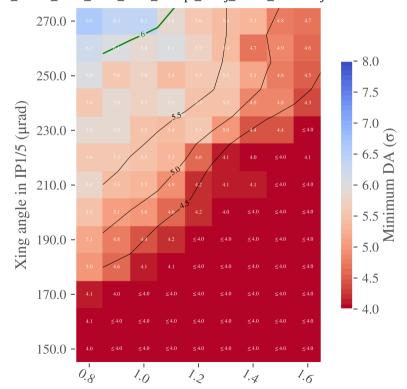
HL-LHC v1.6. E = 7.0 TeV. CC = $-190.0~\mu rad.$ N_b $\simeq 9 \times 10^{10}~ppb,$ L_{1/5} = $3.68 \times 10^{34} cm^{-2} s^{-1},$ L₂ = $1.2 \times 10^{30} cm^{-2} s^{-1},$ L₈ = $2.03 \times 10^{33} cm^{-2} s^{-1}$ PU_{1/5} = 96.5, β*_{x,1} = 0.15~m, β*_{y,1} = 0.15~m, polarity IP_{2/8} = 1/1 Q_x = 62.315, Q_y = 60.32, Φ/2_{2, V} = $-170~\mu rad$, Φ/2_{8, V} = $170~\mu rad$ σ_z = 7.61~cm, ε_n = $2.5~\mu m$, Q' = 15, I_{MO} = -300.0~A, C⁻ = 0.001 25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns.json. Bunch 150.



Bunch intensity (1e11 ppb)