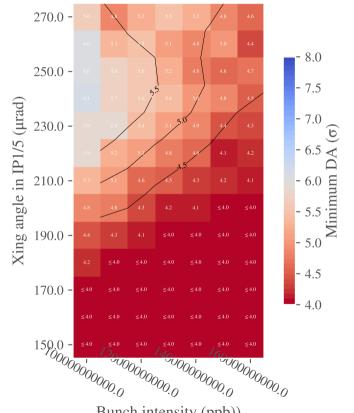
HL-LHC v1.6. E = 7.0 TeV. $CC = -190.0 \mu \text{rad}$. $N_b \simeq 9 \times 10^{10} \text{ ppb}$,

 $\beta_{x,1}^* = 0.15 \text{ m}, \, \beta_{y,1}^* = 0.15 \text{ m}, \, \text{polarity IP}_{2/8} = 1/1$, , $\Phi/2_{2, V} = -170$ μrad, $\Phi/2_{8, V} = 170$ μrad $\sigma_z = 7.61 \text{ cm}, \ \varepsilon_n = 2.5 \ \mu\text{m}, \ Q' = 15, \ I_{MO} = -300.0 \text{ A}, \ C^- = 0.001$ 25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns.json. Bunch 150.



Bunch intensity (ppb))