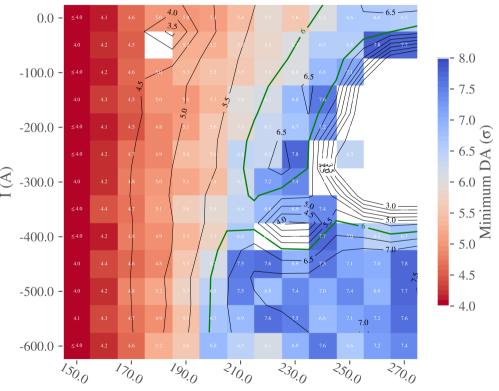
HL-LHC v1.6. E = 7.0 TeV. $CC = -190.0 \mu \text{rad}$. $N_b \simeq 1.2 \times 10^{11} \text{ ppb}$,

$$\begin{split} \beta_{x,\,1}^* = 0.15 \text{ m, } \beta_{y,\,1}^* = 0.15 \text{ m, polarity IP}_{2/8} = 1/1 \\ \text{, , } \Phi/2_{2,\,V} = -170 \text{ } \mu \text{rad, } \Phi/2_{8,\,V} = 170 \text{ } \mu \text{rad} \\ \sigma_z = 7.61 \text{ cm, } \epsilon_n = 2.5 \text{ } \mu \text{m, Q}' = 15, I_{MO} = -50.0 \text{ A, C}^- = 0.001 \\ 25 \text{ns}_2760 \text{b}_2748_2492_2574_288 \text{bpi}_13 \text{inj}_800 \text{ns}_\text{bs}200 \text{ns.json. Bunch 150.} \end{split}$$



Xing angle in IP1/5 (µrad)