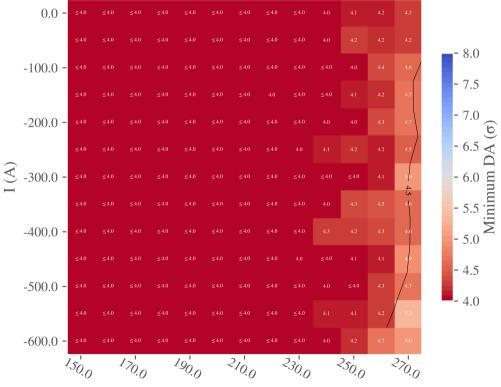
HL-LHC v1.6. E = 7.0 TeV. CC = -190.0 μrad. $N_b \simeq 1.07 \times 10^{11}$ ppb, $L_{1/5} = 5.16 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}$, $L_2 = 1.29 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}$, $L_8 = 2.05 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ PU_{1/5} = 135, $\beta_{x, 1}^* = 0.15$ m, $\beta_{y, 1}^* = 0.15$ m, polarity IP_{2/8} = 1/1 , $\Phi/2_{2, V} = -170$ μrad, $\Phi/2_{8, V} = 170$ μrad

$$\begin{split} \sigma_z = &7.61\text{ cm},\, \epsilon_n = 2.5\text{ }\mu\text{m},\, Q^{'} = 15,\, I_{MO} = -50.0\text{ A},\, C^- = 0.001\\ &25\text{ns}_2760\text{b}_2748_2492_2574_288\text{bpi}_13\text{inj}_800\text{ns}_\text{bs}200\text{ns}.\text{json}.\,\, \text{Bunch }150. \end{split}$$



Xing angle in IP1/5 (μrad)