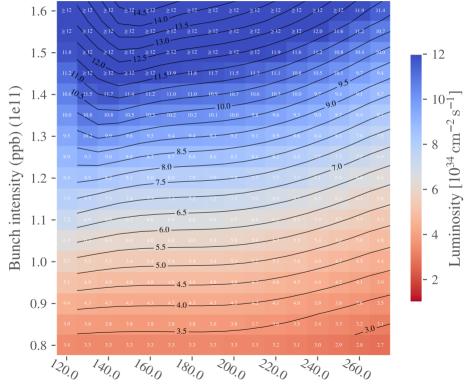
HL-LHC v1.6, E = 7.0 TeV. $L_2 = 2.5 \times 10^{29} \text{cm}^{-2} \text{s}^{-1}, L_8 = 2.1 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$

 $PU_{1/5} = 102$, $\beta_{x=1}^* = 0.15$ m, $\beta_{y=1}^* = 0.15$ m, polarity $IP_{2/8} = 1/1$

 $\Phi/2_{2 \text{ V}} = -170 \text{ }\mu\text{rad}, \Phi/2_{8 \text{ V}} = 170 \text{ }\mu\text{rad}$

 $\sigma_z = 7.61 \text{ cm}, \ \epsilon_n = 2.5 \ \mu\text{m}, \ Q' = 5.0, \ I_{MO} = -60.0 \ A, \ C^- = 0.001$

25ns 2760b 2748 2492 2574 288bpi 13inj 800ns bs200ns converted.json. Bunch 149.



Crossing angle [mrad] in IP_{1.5}