HL-LHC v1.6. E = 7.0 TeV. $L_2 = 2.42 \times 10^{29} \text{cm}^{-2} \text{s}^{-1}, L_8 = 2.1 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ $PU_{1/5} = 102$, $\beta_{x=1}^* = 0.15$ m, $\beta_{y=1}^* = 0.15$ m, polarity $IP_{2/8} = 1/1$ $\Phi/2_{2 \text{ V}} = -170 \text{ }\mu\text{rad}, \Phi/2_{8 \text{ V}} = 170 \text{ }\mu\text{rad}$ $\sigma_z = 7.61 \text{ cm}, \ \varepsilon_n = 2.5 \ \mu\text{m}, \ Q' = 15, \ I_{MO} = 60.0 \text{ A}, \ C^- = 0.001$ 25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns_converted.json. Bunch 149. 1.6 -1.5 -1.4 Bunch intensity (ppb) (1e11) 1.3 -8.0 1.2 -1.1 -1.0 -0.9 -0.8 -

Crossing angle [mrad] in IP_{1,5}