

HL-LHC v1.6. E = 7.0 TeV. CC = -190.0 μ rad. $N_b \simeq 2.06 \times 10^{11}$ ppb,
 $L_{1/5} = 5.57 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}$, $L_2 = 4.13 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}$, $L_8 = 1.79 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$
 $\text{PU}_{1/5} = 146$, $\beta_{x,1}^* = 0.15$ m, $\beta_{y,1}^* = 0.15$ m, polarity $\text{IP}_{2/8} = 1/1$
 $\Phi/2_{1(\text{H})} = 250$ μ rad, $\Phi/2_{5(\text{V})} = 250$ μ rad, $\Phi/2_{2,\text{V}} = -170$ μ rad, $\Phi/2_{8,\text{V}} = 170$ μ rad
 $\sigma_z = 7.61$ cm, $\epsilon_n = 2.5$ μm , $Q' = 15$, $I_{\text{MO}} = -300.0$ A, $C^- = 0.001$
25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns.json. Bunch 150.

