

HL-LHC v1.6. E = 7.0 TeV. CC = $-190.0\text{ }\mu\text{rad}$. $N_b \simeq 9 \times 10^{10}$ ppb,

$L_2 = 1.2 \times 10^{30}\text{cm}^{-2}\text{s}^{-1}$, $L_8 = 2.03 \times 10^{33}\text{cm}^{-2}\text{s}^{-1}$

$\beta_{x,1}^* = 0.15\text{ m}$, $\beta_{y,1}^* = 0.15\text{ m}$, polarity $\text{IP}_{2/8} = 1/1$

$Q_x = 62.315$, $Q_y = 60.32$, $\Phi_{2/2,\text{v}} = -170\text{ }\mu\text{rad}$, $\Phi_{2/8,\text{v}} = 170\text{ }\mu\text{rad}$

$\sigma_z = 7.61\text{ cm}$, $\varepsilon_n = 2.5\text{ }\mu\text{m}$, $Q' = 15$, $I_{\text{MO}} = -300.0\text{ A}$, $C^- = 0.001$

25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns.json. Bunch 150.

