

HL-LHC v1.6. E = 7.0 TeV. CC = $-190.0 \mu\text{rad}$. $N_b \simeq 1.2 \times 10^{11}$ ppb,

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

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

$\sigma_z = 7.61 \text{ cm}$, $\varepsilon_n = 2.5 \mu\text{m}$, $Q' = 15$, $I_{M0} = -50.0 \text{ A}$, $C^- = 0.001$

25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns.json. Bunch 150.

