

HL-LHC v1.6. E = 7.0 TeV. CC = -190.0 μ rad. $N_b \simeq 1.13 \times 10^{11}$ ppb,
 $L_{1/5} = 5.14 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}$, $L_2 = 8.29 \times 10^{29} \text{cm}^{-2} \text{s}^{-1}$, $L_8 = 2 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$
 $PU_{1/5} = 134$, $\beta_{x,1}^* = 0.15$ m, $\beta_{y,1}^* = 0.15$ m, polarity $IP_{2/8} = 1/1$
 $Q_x = 62.315$, $Q_y = 60.32$, $\Phi/2_{1(V)} = 250$ μ rad, $\Phi/2_{5(H)} = 250$ μ rad, $\Phi/2_{2,V} = -170$ μ rad, $\Phi/2_{8,V} = 170$ μ rad
 $\sigma_z = 7.61$ cm, , $Q' = 15$, $I_{MO} = -60.0$ A, $C^- = 0.001$
25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns_converted.json. Bunch 149.

