HL-LHC v1.6. E = 7.0 TeV. End of levelling. CC ON. $N_b \simeq 1.16 \times 10^{11}$ ppb,
$L_{1/5} = 5.05 \times 10^{34} \mathrm{cm^{-2}s^{-1}}$, $L_2 = 1.77 \times 10^{30} \mathrm{cm^{-2}s^{-1}}$, $L_8 = 1.99 \times 10^{33} \mathrm{cm^{-2}s^{-1}}$
$PU_{1/5} = 149$, $\beta^*_{x,1} = 0.15$ m, $\beta^*_{y,1} = 0.15$ m, polarity IP$_{2/8}$ = 1/1
$\Phi/2_{1(H)} = 250$ µrad, $\Phi/2_{5(V)} = 250$ µrad, $\Phi/2_{2,V} = -170$ µrad, $\Phi/2_{8,V} = 170$ µrad
$\sigma_z = 7.61$ cm, $\varepsilon_n = 2.3$ µm, $Q' = 15$, $I_{MO} = 60.0$ A, $C^- = 0.001$
25ns_2452b_2440_1952_2240_248bpi_12inj. Bunch 1060.