HL-LHC v1.3. E = 7.0 TeV. CC = -190.0 μrad. $N_b \simeq 1.07 \times 10^{11}$ ppb, $L_{1/5} = 5.16 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}$, $L_2 = 1.29 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}$, $L_8 = 2.05 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ PU_{1/5} = 135, $\beta_{x,\,1}^* = 0.15$ m, $\beta_{y,\,1}^* = 0.15$ m, polarity IP_{2/8} = 1/1 Q_x = 62.32, Q_y = 60.325, $\Phi/2_{2,\,V} = -170$ μrad, $\Phi/2_{8,\,V} = 170$ μrad $\sigma_z = 7.61$ cm, $\varepsilon_n = 2.5$ μm, Q′ = 15, C = 0.001 25ns 2760b 2748 2492 2574 288bpi 13inj 800ns bs200ns ison. Bunch 150.

