runIII. E = 6.8 TeV. $N_b \simeq 1.1 \times 10^{11}$ ppb, 34 cm $^{-2}$ s $^{-1}$, $L_2 = 1.5 \times 10^{30}$ cm $^{-2}$ s $^{-1}$, $L_8 = 2 \times 10^{30}$ cm $^{-2}$ s $^{-1}$, $L_8 = 2 \times 10^{30}$ cm $^{-2}$ s $^{-1}$

 $L_{1/5} = 2 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}, L_2 = 1.5 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}, L_8 = 2 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ $\beta_{\text{x.IP1}}^* = 0.2 \text{ m}, \beta_{\text{y.IP1}}^* = 0.2 \text{ m}, \text{ polarity IP}_{2/8} = 1/1$

$$\begin{split} \Phi/2_{IP1(V)} = -160 \; \mu rad, \; \Phi/2_{IP5(H)} = 160 \; \mu rad, \; \Phi/2_{IP2, \, V} = 200 \; \mu rad, \; \Phi/2_{IP8, \, V} = 200 \; \mu rad \\ \sigma_z = 9.0 \; cm, \; \epsilon_n = 2.5 \; \mu m, \; Q^{'} = 15.0, \; I_{MO} = 300.0 \; A, \; C^{-} = 0.0 \\ 25ns_2604b_2592_2310_2421_4x48bpi_16inj.json. \; Bunch \; 978. \end{split}$$

