

Run III (2023). E = 6.8 TeV. $N_b \simeq 1.1 \times 10^{11}$ ppb,

$L_{1/5} = 2 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}$, $L_2 = 1.2 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}$, $L_8 = 2 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$

$\beta_{x, \text{IP1}}^* = 0.2 \text{ m}$, $\beta_{y, \text{IP1}}^* = 0.2 \text{ m}$, polarity $\text{IP}_{2/8} = 1/1$

$\Phi/2_{\text{IP1(V)}} = 174 \text{ } \mu\text{rad}$, $\Phi/2_{\text{IP5(H)}} = 174 \text{ } \mu\text{rad}$, $\Phi/2_{\text{IP2,V}} = 200 \text{ } \mu\text{rad}$, $\Phi/2_{\text{IP8,V}} = 200 \text{ } \mu\text{rad}$

$\sigma_z = 9.0 \text{ cm}$, $\varepsilon_n = 2.2 \text{ } \mu\text{m}$, $Q' = 15.0$, $I_{\text{MO}} = 300.0 \text{ A}$, $C^- = 0.0$

25ns_2464b_2452_1842_1821_236bpi_12inj. Bunch 411.

