

Run III (2024). $E = 6.8$ TeV. $N_b \simeq 1.4 \times 10^{11}$ ppb,
 $L_{1/5} = 2 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}$, $L_2 = 1.9 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}$, $L_8 = 2 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$

$\beta_{x, \text{IP1}}^* = 0.5$ m, $\beta_{y, \text{IP1}}^* = 0.5$ m, polarity $\text{IP}_{2/8} = 1/1$

$\Phi/2_{\text{IP1(H)}} = -145$ μrad , $\Phi/2_{\text{IP5(V)}} = -145$ μrad , $\Phi/2_{\text{IP2,V}} = 200$ μrad , $\Phi/2_{\text{IP8,V}} = 200$ μrad

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

25ns_2464b_2452_1842_1821_236bpi_12inj. Bunch 411.

