Run III (2024). E = 6.8 TeV. $N_b \simeq 1.2 \times 10^{11} \text{ ppb}$, $L_{1/5} = 2 \times 10^{34} \text{ cm}^{-2} \text{ s}^{-1}, L_2 = 1.8 \times 10^{30} \text{ cm}^{-2} \text{ s}^{-1}, L_8 = 2 \times 10^{33} \text{ cm}^{-2} \text{ s}^{-1}$ $\beta_{x \text{ IP1}}^* = 0.3 \text{ m}, \beta_{y \text{ IP1}}^* = 0.3 \text{ m}, \text{ polarity IP}_{2/8} = 1/1$ $\Phi/2_{\text{IP1(V)}} = 160 \,\mu\text{rad}, \,\Phi/2_{\text{IP5(H)}} = 160 \,\mu\text{rad}, \,\Phi/2_{\text{IP2, V}} = 200 \,\mu\text{rad}, \,\Phi/2_{\text{IP8, V}} = 200 \,\mu\text{rad}$ $\sigma_z = 9.0 \text{ cm}, \ \varepsilon_n = 2.5 \ \mu\text{m}, \ Q' = 15.0, \ I_{MO} = 300.0 \ A, \ C^- = 0.0$ 25ns 2604b_2592_2310_2421_4x48bpi_16inj.json. Bunch 978. - 6.5 60.316 -60.314 -- 5.0 60.312 -60.31 -60.308 -

Vertical tune Q_v

60.306

Horizontal tune Q_x