Run III (2024). E = 6.8 TeV. $N_b \simeq 1.1 \times 10^{11} \text{ ppb}$, $L_{1/5} = 2 \times 10^{34} \text{ cm}^{-2} \text{ s}^{-1}, L_2 = 1.1 \times 10^{30} \text{ cm}^{-2} \text{ s}^{-1}, L_8 = 2 \times 10^{33} \text{ cm}^{-2} \text{ s}^{-1}$ $\beta_{x \text{ IP1}}^* = 0.5 \text{ m}, \beta_{y \text{ IP1}}^* = 0.15 \text{ m}, \text{ polarity IP}_{2/8} = 1/1$ $\Phi/2_{\text{IP1(H)}} = -150 \,\mu\text{rad}, \,\Phi/2_{\text{IP5(V)}} = -150 \,\mu\text{rad}, \,\Phi/2_{\text{IP2, V}} = 200 \,\mu\text{rad}, \,\Phi/2_{\text{IP8, V}} = 200 \,\mu\text{rad}$ $\sigma_z = 9.0 \text{ cm}, \ \varepsilon_n = 2.2 \ \mu\text{m}, \ Q' = 15.0, \ I_{MO} = 300.0 \ A, \ C^- = 0.0$ 25ns_2464b_2452_1842_1821_236bpi_12inj. Bunch 411. 62365.365.366.377.375.378.375.376.327.325.325.325.32 8.0 60.325 - 41- 7.5 60.323 -- 7.0 60.321 -- _{6.5} ල 60.319 - 4.0 60.317 -60.315 - 4060.313 -60.311 -60.309 -60.307 -60.305 -

Horizontal tune O_x

Vertical tune Q_v