runIII (2024). E = 6.8 TeV. $N_b \simeq 1.191 \times 10^{11}$ ppb, $L_{1/5} = 2.02 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}, L_2 = 1.865 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}, L_8 = 2.003 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ $\beta_{x \text{ IP1}}^* = 0.3 \text{ m}, \beta_{y \text{ IP1}}^* = 0.3 \text{ m}, \text{ polarity IP}_{2/8} = 1/1$ $\Phi/2_{IP1(V)} = 160 \text{ } \mu rad, \ \Phi/2_{IP5(H)} = 160 \text{ } \mu rad, \ \Phi/2_{IP2, V} = 200 \text{ } \mu rad, \ \Phi/2_{IP8, V} = 200 \text{ } \mu rad$ $\sigma_z = 9.0 \text{ cm}, \ \varepsilon_n = 2.2 \ \mu\text{m}, \ Q' = 15.0, \ I_{MO} = 300.0 \ A, \ C^- = 0.0$ 25ns 2604b 2592 2310 2421 4x48bpi 16inj.json. Bunch 978. 65.302 65.302 65.312 65.312 65.312 65.310 65.35 60.329 -60.327 -60.325 -- 6.5 60.323 -60.319 - 4.7 60.317 -60.315 -- 5.0 60.313 -60.311 -60.309

Horizontal tune Q_x

/ertical tune Q_v