Run III (2024). E = 574.0 TeV. $N_b \simeq 1.8 \times 10^8$ ppb, $L_{1/5} = 6.414 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}, L_2 = 6.396 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}, L_8 = 1.003 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}$ $\beta_{x \text{ IP1}}^* = 0.5 \text{ m}, \beta_{y \text{ IP1}}^* = 0.5 \text{ m}, \text{ polarity IP}_{2/8} = -1/-1$ $\Phi/2_{\text{IP1(V)}} = 70 \text{ }\mu\text{rad}, \Phi/2_{\text{IP5(H)}} = 70 \text{ }\mu\text{rad}, \Phi/2_{\text{IP2-V}} = 130 \text{ }\mu\text{rad}, \Phi/2_{\text{IP8-H}} = -70 \text{ }\mu\text{rad}$ $\sigma_z = 8.24 \text{ cm}, \ \varepsilon_n = 1.65 \ \mu\text{m}, \ Q' = 10.0, \ I_{MO} = 250.0 \ A, \ C^- = 0.001$ 50ns_1240b_1088_1088_398_56bpi_PbPb_converted.json. Bunch 488. 65⁻³⁰26^{-30³26⁻³⁰⁰65⁻³¹26⁻³¹²65⁻³¹²65⁻³¹²65⁻³¹²65⁻³¹²65⁻³⁵6⁻³⁵6⁻³⁵6⁻³⁵6⁻³⁵6} 60.329 -20 - 18 60.323 -60.321 -60.319 -60.317 -60.315 -60.313 -60.311 -

Horizontal tune Q_x

/ertical tune Q_y

60.309 -