Run III (2024). E = 557.6 TeV. $N_b \simeq 1.8 \times 10^8 \text{ ppb}$. $L_{1/5} = 6.401 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}, L_2 = 6.402 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}, L_8 = 1.045 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}$ $\beta_{x \text{ IP1}}^* = 0.5 \text{ m}, \beta_{y \text{ IP1}}^* = 0.5 \text{ m}, \text{ polarity IP}_{2/8} = 1/-1$ $\Phi/2_{\text{IP1(V)}} = 170 \text{ }\mu\text{rad}, \Phi/2_{\text{IP5(H)}} = 170 \text{ }\mu\text{rad}, \Phi/2_{\text{IP2, V}} = -170 \text{ }\mu\text{rad}, \Phi/2_{\text{IP8, H}} = -135 \text{ }\mu\text{rad}$ $\sigma_z = 8.24 \text{ cm}, \ \varepsilon_n = 1.65 \ \mu\text{m}, \ Q' = 10.0, \ I_{MO} = 100.0 \ A, \ C^- = 0.001$ 50ns_1240b_1088_1088_398_56bpi_PbPb_converted.json. Bunch 480. 65.30 65.30 65.31 65.31 65.31 65.31 65.31 65.32 65.35 60.329 -60.327 -20 60.325 -- 18 60.323 -60,315 - 18.8 18.8 18.5 18.1 18.6 18.9 18.6 60,313 - 19.1 19.0 19.4 19.0 19.1 60.311 - 19.4 19.8 19.8 60.309 -

Horizontal tune Q_x

/ertical tune Q_y