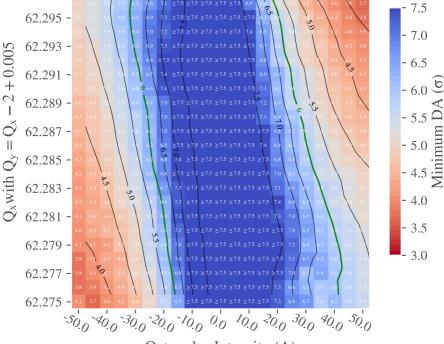
Injection (runIII 2023). E = 0.45 TeV. $N_b \simeq 2.3 \times 10^{11} \text{ ppb}$, $\beta_{x,1}^* = 11 \text{ m}, \beta_{y,1}^* = 11 \text{ m}, \text{ polarity IP}_{2/8} = 1/1, \text{ phase_change} = 1.0$ $\sigma_z = 7.61 \text{ cm}, \ \varepsilon_n = 2.5 \ \mu\text{m}, \ Q' = 15.0, \ C^- = 0.001$ 25ns_2452b_2440_1952_2240_248bpi_12inj. Bunch 1130. 62.299 62.297 -- 7.0 - 6.5



Octupoles Intensity (A)