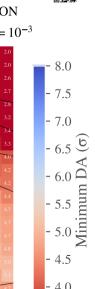
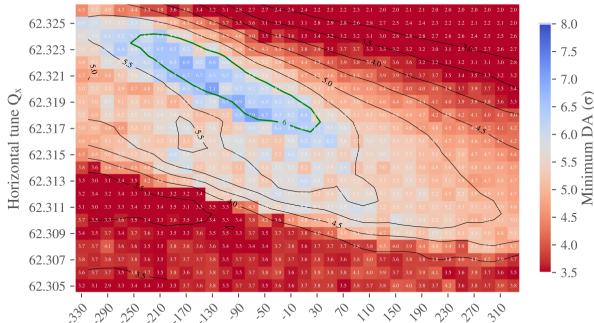
HL-LHC v1.5. Flat optics. End of levelling. Bunch 1891 (8b4e) $N_b = 1.4 \times 10^{11} \text{ppb}, \ \beta_{v, \text{IPI}}^* = 7.5 \text{ cm}, \ \beta_{v, \text{IPI}}^* = 18 \text{ cm}, \ \Phi/2_{\text{IPI(H)/5(V)}} = 250 \ \mu\text{rad}, \text{CC ON}$ $\sigma_z = 7.61 \text{ cm}, \Phi/2_{IP8 \text{ V}} = 170 \text{ }\mu\text{rad}, \varepsilon_n = 2.5 \text{ }\mu\text{m}, \text{ }Q' = 15, \{Q_v\} = \{Q_x\} + 0.005, \text{ }C^- = 10^{-3}$





Current $I_{oct}(A)$