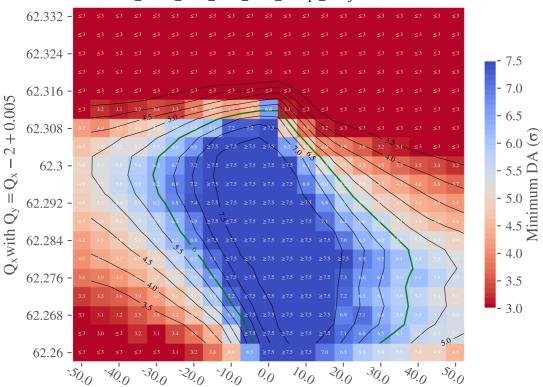
$$\begin{split} &\text{Injection (runIII 2023). E} = 0.45 \text{ TeV. N}_b \simeq 2.3 \times 10^{11} \text{ ppb,} \\ &\beta_{x,\,1}^* = 11 \text{ m, } \beta_{y,\,1}^* = 11 \text{ m, polarity IP}_{2/8} = 1/1, \text{ phase_change} = 1.0 \\ &\sigma_z = 7.61 \text{ cm, } \epsilon_n = 2.5 \text{ } \mu\text{m, Q}' = 15.0, \text{ C}^- = 0.001 \\ &25\text{ns_}2452\text{b_}2440_1952_2240_248\text{bpi_}12\text{inj. Bunch } 1130. \end{split}$$



Octupoles Intensity (A)