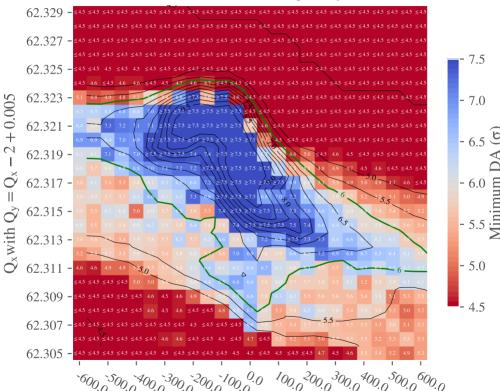
HL-LHC v1.6. E = 7.0 TeV. N_b $\simeq 2.3 \times 10^{11}$ ppb, L_{1/5} = 1.32 × 10³⁴cm⁻²s⁻¹, L₂ = 3.46 × 10³⁰cm⁻²s⁻¹, L₈ = 2 × 10³³cm⁻²s⁻¹ β_{y,1} = 2.8 m, β_{x,1} = 0.7 m, polarity IP_{2/8} = 1/1 D/2_{1(H)} = 250 μrad, Φ/2_{5(V)} = 250 μrad, Φ/2_{2,V} = -170 μrad, Φ/2_{8,V} = 170 μrad

$$\begin{split} \Phi/2_{1(H)} = 250 \; \mu rad, \; & \Phi/2_{5(V)} = 250 \; \mu rad, \; & \Phi/2_{2,\,V} = -170 \; \mu rad, \; & \Phi/2_{8,\,V} = 170 \; \mu rad \\ & \sigma_z = 7.61 \; cm, \; \epsilon_n = 2.3 \; \mu m, \; & Q^{'} = 15, \; & C^- = 0.001 \\ & 8b4e_1972b_1960_1178_1886_224bpi_12inj. \; Bunch \; 89. \end{split}$$



Octupoles Intensity (A)