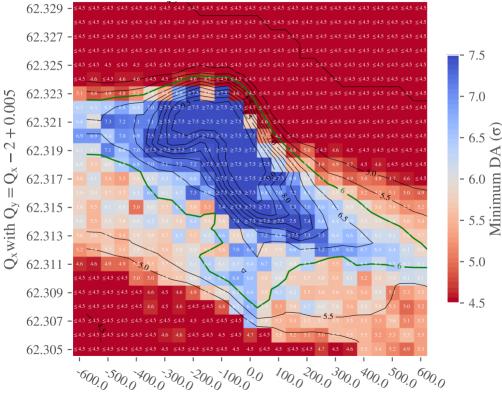
HL-LHC v1.6. E = 7.0 TeV. $N_b \simeq 2.3 \times 10^{11}$ ppb, $L_{1/5} = 1.32 \times 10^{34} cm^{-2} s^{-1}, \ L_2 = 3.46 \times 10^{30} cm^{-2} s^{-1}, \ L_8 = 2 \times 10^{33} cm^{-2} s^{-1}$ $\beta_{y,\,1}^* = 0.7 \ m, \ \beta_{x,\,1}^* = 2.8 \ m, \ polarity \ IP_{2/8} = 1/1$ Φ/2_{1(H)} = 250 μrad, Φ/2_{5(V)} = 250 μrad, Φ/2_{2,V} = -170 μrad, Φ/2_{8,V} = 170 μrad

 $\Phi/2_{1(H)} = 250$ μrad, $\Phi/2_{5(V)} = 250$ μrad, $\Phi/2_{2, V} = -170$ μrad, $\Phi/2_{8, V} = 170$ μrad $\sigma_z = 7.61$ cm, $\varepsilon_n = 2.3$ μm, Q' = 15, $C^- = 0.001$ 8b4e_1972b_1960_1178_1886_224bpi_12inj. Bunch 89.



Octupoles Intensity (A)