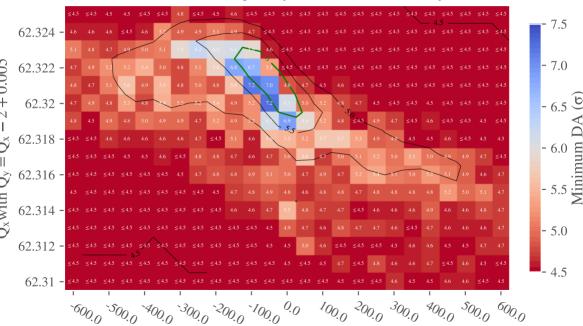
HL-LHC v1.6. E = 7.0 TeV. $N_b \simeq 2.3 \times 10^{11}$ ppb, $L_{1/5} = 3.24 \times 10^{34} cm^{-2} s^{-1}, \ L_2 = 4.62 \times 10^{30} cm^{-2} s^{-1}, \ L_8 = 1.65 \times 10^{33} cm^{-2} s^{-1}$ $\beta_{y,\,1}^* = 0.7 \ m, \ \beta_{x,\,1}^* = 2.8 \ m, \ polarity \ IP_{2/8} = 1/1$ $\Phi/2_{1(H)} = 250 \ \mu rad, \ \Phi/2_{5(V)} = 250 \ \mu rad, \ \Phi/2_{2,\,V} = -170 \ \mu rad, \ \Phi/2_{8,\,V} = 170 \ \mu rad$ $\sigma_z = 7.61 \ cm, \ \epsilon_n = 2.0 \ \mu m, \ Q' = 15, \ C^- = 0.001$ $25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns_converted.json. \ Bunch 150.$



Octupoles Intensity (A)