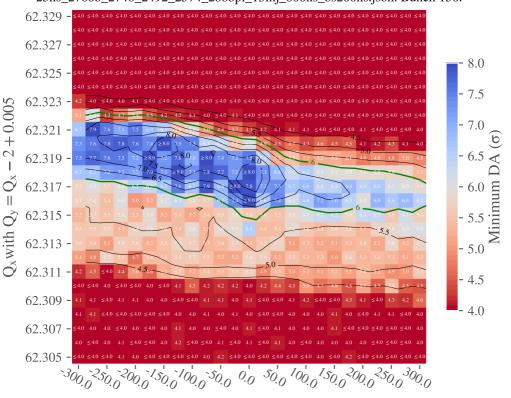
HL-LHC v1.6. E = 7.0 TeV. CC = 0.0 μrad. $N_b \simeq 2.2 \times 10^{11}$ ppb, $L_{1/5} = 2.67 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}, \ L_2 = 4.42 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}, \ L_8 = 1.73 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ $PU_{1/5} = 70.2, \ \beta_{x, 1}^* = 0.15 \ \text{m}, \ \beta_{y, 1}^* = 0.15 \ \text{m}, \ \text{polarity IP}_{2/8} = 1/1$ $\Phi/2_{1(H)} = 250 \ \mu\text{rad}, \ \Phi/2_{5(V)} = 250 \ \mu\text{rad}, \ \Phi/2_{2, V} = -170 \ \mu\text{rad}, \ \Phi/2_{8, V} = 170 \ \mu\text{rad}$ $\sigma_z = 7.61 \ \text{cm}, \ \epsilon_n = 2.3 \ \mu\text{m}, \ Q' = 15, \ C^- = 0.001$ $25\text{ns}_2760\text{b}_2748_2492_2574_288\text{bpi}_13\text{inj}_800\text{ns}_\text{bs}200\text{ns}_\text{ison}. \ \text{Bunch} \ 150.$



Octupoles Intensity (A)