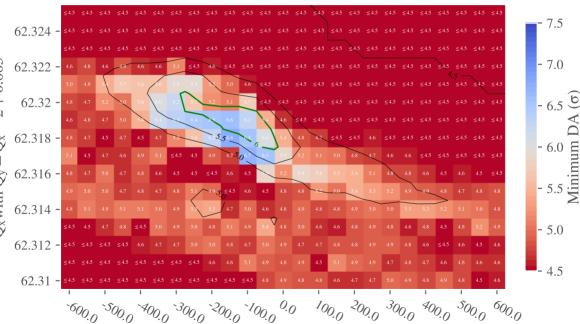
HL-LHC v1.6. E = 7.0 TeV. $N_b \simeq 2.3 \times 10^{11}$ ppb, $L_{1/5} = 2.25 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}, \ L_2 = 4.92 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}, \ L_8 = 1.61 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$ $\beta_{y, 1}^* = 2.8 \text{ m}, \ \beta_{x, 1}^* = 0.7 \text{ m}, \text{ polarity IP}_{2/8} = 1/1$ $\Phi/2_{1(H)} = 250 \text{ μrad}, \ \Phi/2_{5(V)} = 250 \text{ μrad}, \ \Phi/2_{2, V} = -170 \text{ μrad}, \ \Phi/2_{8, V} = 170 \text{ μrad}$ $\sigma_z = 7.61 \text{ cm}, \ \epsilon_n = 2.0 \text{ μm}, \ Q' = 15, \ C^- = 0.001$

25ns_2760b_2748_2492_2574_288bpi_13inj_800ns_bs200ns_converted.json. Bunch 150.



Octupoles Intensity (A)