runIII. E = 6.8 TeV.  $N_b \simeq 1.29 \times 10^{11}$  ppb,  $L_{1/5} = 2.11 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}, L_2 = 1.19 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}, L_8 = 2.02 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$  $\beta_{x,1}^* = 0.325 \text{ m}, \beta_{y,1}^* = 0.325 \text{ m}, \text{ polarity IP}_{2/8} = 1/1$  $\Phi/2_{1(H)} = 160 \,\mu\text{rad}, \,\Phi/2_{5(V)} = 160 \,\mu\text{rad}, \,\Phi/2_{2,V} = 200 \,\mu\text{rad}, \,\Phi/2_{8,V} = 200 \,\mu\text{rad}$  $\sigma_z = 9.0 \text{ cm}, \ \epsilon_n = 2.5 \ \mu\text{m}, \ Q' = 15.0, \ C^- = 0.0$ 25ns\_2556b\_2544\_2211\_2327\_3x48bpi\_20inj.json.json. Bunch 1009. - 6.5 62.316 -62.314 -62.312 -- 5.0 Octupoles Intensity (A)