

runIII. $E = 6.8 \text{ TeV}$. $N_b \simeq 1.29 \times 10^{11} \text{ ppb}$,
 $L_{1/5} = 2.11 \times 10^{34} \text{ cm}^{-2} \text{ s}^{-1}$, $L_2 = 1.19 \times 10^{30} \text{ cm}^{-2} \text{ s}^{-1}$, $L_8 = 2.02 \times 10^{33} \text{ cm}^{-2} \text{ s}^{-1}$
 $\beta_{x,1}^* = 0.325 \text{ m}$, $\beta_{y,1}^* = 0.325 \text{ m}$, polarity $IP_{2/8} = 1/1$
 $\Phi/2_{1(H)} = 160 \text{ } \mu\text{rad}$, $\Phi/2_{5(V)} = 160 \text{ } \mu\text{rad}$, $\Phi/2_{2,V} = 200 \text{ } \mu\text{rad}$, $\Phi/2_{8,V} = 200 \text{ } \mu\text{rad}$
 $\sigma_z = 9.0 \text{ cm}$, $\varepsilon_n = 2.5 \text{ } \mu\text{m}$, $Q' = 15.0$, $C^- = 0.0$
25ns_2556b_2544_2211_2327_3x48bpi_20inj.json.json. Bunch 1009.

Q_x with $Q_y = Q_x - 2 + 0.005$

