

run III (2023). E = 6.8 TeV.

$\beta_{x,IP1}^* = 0.2$ m, $\beta_{y,IP1}^* = 0.2$ m, $\Phi/2_{IP1(V)} = 174\mu\text{rad}$, $\Phi/2_{IP5(H)} = 174\mu\text{rad}$

$\Phi/2_{IP2,V} = 200\mu\text{rad}$, $\Phi/2_{IP8,V} = 200\mu\text{rad}$, polarity $IP_{2/8} = 1/1$

$\sigma_z = 9.0$ cm, $\epsilon_n = 2.2\mu\text{m}$, $Q' = 15.0$, $I_{MO} = 300.0$ A, $C^- = 0.0$

25ns_2464b_2452_1842_1821_236bpi_12inj. Bunch 411.

