

run III (2024). E = 6.8 TeV.

$\beta_{x,IP1}^* = 0.5$  m,  $\beta_{y,IP1}^* = 0.5$  m,  $\Phi/2_{IP1(H)} = -145\mu\text{rad}$ ,  $\Phi/2_{IP5(V)} = -145\mu\text{rad}$

$\Phi/2_{IP2,V} = 200\mu\text{rad}$ ,  $\Phi/2_{IP8,V} = 200\mu\text{rad}$ , 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.

