run III (2024). E = 6.8 TeV.  $N_b \simeq 1.4 \times 10^{11} ppb$ ,  $L_{1/5} = 2 \times 10^{34} cm^{-2} s^{-1}$ .  $β_{x, \, IP1}^* = 0.5 \, m$ ,  $β_{y, \, IP1}^* = 0.5 \, m$ ,  $Φ/2_{IP1(H)} = -145 \mu rad$ ,  $Φ/2_{IP5(V)} = -145 \mu rad$   $Φ/2_{IP2, \, V} = 200 \, \mu rad$ ,  $Φ/2_{IP8, \, V} = 200 \, \mu rad$ , polarity  $IP_{2/8} = 1/1$   $σ_z = 9.0 \, cm$ ,  $ε_n = 2.2 \, \mu m$ , Q' = 15.0,  $I_{MO} = 300.0 \, A$ ,  $C^- = 0.0$   $25 ns_2 2464 b_2 2452_1 842_1 821_2 36 bpi_1 12 inj$ . Bunch 411.

