run III (2023). E = 6.8 TeV. $N_b \simeq 1.4 \times 10^{11}$ ppb, $L = 2 \times 10^{34} cm^{-2} s^{-1}$.
$\beta^*_{x,IP1} = 0.485$ m, $\beta^*_{y,IP1} = 0.485$ m, $\Phi/2_{IP1(V)} = 149 \mu rad$, $\Phi/2_{IP5(H)} = 149 \mu rad$
$\Phi/2_{IP2,V} = 200 \mu rad$, $\Phi/2_{IP8,V} = 200 \mu rad$, polarity$IP_{2/8} = 1/1$
$\sigma_z = 9.0$ cm $\varepsilon_n = 2.2 \mu m$, $Q' = 15.0$, $I_{MO} = 300.0$ A, $C^- = 0.0$
25ns_2464b_2452_1842_1821_236bpi_12inj. Bunch 411.