Run III (2024). $E = 6.8$ TeV. $N_b \simeq 1.4 \times 10^{11}$ ppb,
$L_{1/5} = 2 \times 10^{34} \text{cm}^{-2}\text{s}^{-1}$, $L_2 = 1.9 \times 10^{30} \text{cm}^{-2}\text{s}^{-1}$, $L_8 = 2 \times 10^{33} \text{cm}^{-2}\text{s}^{-1}$
$\beta^*_{x, \text{IP1}} = 0.5$ m, $\beta^*_{y, \text{IP1}} = 0.5$ m, polarity IP2/8 = 1/1
$\Phi/2_{\text{IP1(H)}} = -145$ μrad, $\Phi/2_{\text{IP5(V)}} = -145$ μrad, $\Phi/2_{\text{IP2, V}} = 200$ μrad, $\Phi/2_{\text{IP8, V}} = 200$ μrad
$\sigma_z = 9.0$ cm, $\varepsilon_n = 2.2$ μm, $Q' = 15.0$, $I_{\text{MO}} = 300.0$ A, $C^- = 0.0$
25ns_2464b_2452_1842_1821_236bpi_12inj. Bunch 411.