Run III (hybrid). $E = 6.8$ TeV. $N_b \simeq 1.225 \times 10^{11}$ ppb,
$L_{1/5} = 2.017 \times 10^{34} \text{cm}^{-2}\text{s}^{-1}$, $L_2 = 1.598 \times 10^{30} \text{cm}^{-2}\text{s}^{-1}$, $L_8 = 2.013 \times 10^{33} \text{cm}^{-2}\text{s}^{-1}$,
$\beta^*_{x, \text{IP1}} = 0.3$ m, $\beta^*_{y, \text{IP1}} = 0.3$ m, polarity IP2/8 = 1/1
$\Phi/2_{\text{IP1(V)}} = 160$ µrad, $\Phi/2_{\text{IP5(H)}} = 160$ 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.