Run III (2024). E = 557.6 TeV. $N_b \simeq 1.8 \times 10^8$ ppb,
$L_{1/5} = 6.401 \times 10^{27} \text{cm}^{-2}\text{s}^{-1}$, $L_2 = 6.402 \times 10^{27} \text{cm}^{-2}\text{s}^{-1}$, $L_8 = 1.015 \times 10^{27} \text{cm}^{-2}\text{s}^{-1}$,
$\beta^*_{x,\text{IP1}} = 0.5$ m, $\beta^*_{y,\text{IP1}} = 0.5$ m, polarity IP2/8 = 1/−1
$\Phi/2_{\text{IP1(V)}} = 170$ µrad, $\Phi/2_{\text{IP5(H)}} = 170$ µrad, $\Phi/2_{\text{IP2, V}} = −170$ µrad, $\Phi/2_{\text{IP8, H}} = −170$ µrad
$\sigma_z = 8.24$ cm, $\varepsilon_n = 1.65$ µm, $Q' = 10.0$, $I_{\text{MO}} = 100.0$ A, $C^- = 0.001$
50ns_1240b_1088_1088_398_56bpi_PbPb_converted.json. Bunch 480.