Run III (2024). E = 557.6 TeV. $N_b \simeq 1.8 \times 10^8$ ppb,
$L_{1/5} = 6.402 \times 10^{27}\,\mathrm{cm}^{-2}\mathrm{s}^{-1}$, $L_2 = 6.258 \times 10^{27}\,\mathrm{cm}^{-2}\mathrm{s}^{-1}$, $L_8 = 9.561 \times 10^{26}\,\mathrm{cm}^{-2}\mathrm{s}^{-1}$,
$\beta^*_{x,\,IP1} = 0.5$ m, $\beta^*_{y,\,IP1} = 0.5$ m, polarity IP2/8 = 1/−1
$\Phi/2_{IP1(V)} = 130$ μrad, $\Phi/2_{IP5(H)} = 130$ μrad, $\Phi/2_{IP2,\,V} = 130$ μrad, $\Phi/2_{IP8,\,H} = 235$ μrad
$\sigma_z = 8.24$ cm, $\varepsilon_n = 2.2$ μm, $Q' = 10.0$, $I_{MO} = 100.0$ A, $C^- = 0.001$
50ns_1240b_1088_1088_398_56bpi_PbPb_converted.json. Bunch 480.