

Run III (2024) (ions). E = 6.8 Z TeV. $N_b \simeq 1.711 \times 10^8$ ppb,

$L_{1/5} = 6.389 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}$, $L_2 = 5.787 \times 10^{27} \text{ cm}^{-2} \text{ s}^{-1}$, $L_8 = 8.873 \times 10^{26} \text{ cm}^{-2} \text{ s}^{-1}$

$\beta_{x, \text{IP1}}^* = 0.5 \text{ m}$, $\beta_{y, \text{IP1}}^* = 0.5 \text{ m}$, polarity $\text{IP}_{2/8} = 1/1$

$\Phi/2_{\text{IP1(V)}} = 140 \text{ } \mu\text{rad}$, $\Phi/2_{\text{IP5(H)}} = 140 \text{ } \mu\text{rad}$, $\Phi/2_{\text{IP2, V}} = -140 \text{ } \mu\text{rad}$, $\Phi/2_{\text{IP8, H}} = -235 \text{ } \mu\text{rad}$

$\sigma_z = 8.24 \text{ cm}$, $\epsilon_n = 2.2 \text{ } \mu\text{m}$, $Q' = 10.0$, $I_{\text{MO}} = 100.0 \text{ A}$, $C^- = 0.001$

50ns_1240b_1088_1088_398_56bpi_PbPb_converted.json. Bunch 488.

