

Run III (2024) (ions). $E = 6.8$ Z TeV. $N_b \simeq 1.8 \times 10^8$ ppb,

$L_{1/5} = 6.402 \times 10^{27} \text{cm}^{-2} \text{s}^{-1}$, $L_2 = 6.403 \times 10^{27} \text{cm}^{-2} \text{s}^{-1}$, $L_8 = 9.825 \times 10^{26} \text{cm}^{-2} \text{s}^{-1}$

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

$\Phi/2_{\text{IP1(V)}} = 130$ μrad , $\Phi/2_{\text{IP5(H)}} = 130$ μrad , $\Phi/2_{\text{IP2,V}} = -130$ μrad , $\Phi/2_{\text{IP8,H}} = -235$ μrad

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

50ns_1240b_1088_1088_398_56bpi_PbPb_converted.json. Bunch 488.

