Run III (ions). E = 7.0 Z TeV. $N_b \simeq 1.8 \times 10^8 \text{ ppb}$,

$$\begin{split} L_{1/5} = 6.411 \times 10^{27} cm^{-2} s^{-1}, \ L_2 = 6.393 \times 10^{27} cm^{-2} s^{-1}, \ L_8 = 6.288 \times 10^{26} cm^{-2} s^{-1} \\ \beta_{x, \, \mathrm{IP1}}^* = 0.5 \ m, \ \beta_{y, \, \mathrm{IP1}}^* = 0.5 \ m, \ polarity \ \mathrm{IP}_{2/8} = -1/-1 \end{split}$$

$$\begin{split} \Phi/2_{IP1(V)} = & 70~\mu\text{rad}, \, \Phi/2_{IP5(H)} = 70~\mu\text{rad}, \, \Phi/2_{IP2,\,V} = 130~\mu\text{rad}, \, \Phi/2_{IP8,\,H} = -70~\mu\text{rad} \\ \sigma_z = & 8.24~\text{cm}, \, \epsilon_n = 1.65~\mu\text{m}, \, Q^{'} = 10.0, \, I_{MO} = 250.0~\text{A}, \, C^{-} = 0.001 \\ & 50\text{ns}_961\text{b}_880_880_209_40\text{bpi}_25\text{inj}_\text{PbPb.json}. \, \text{Bunch 3169}. \end{split}$$

