

runIII. E = 6.8 TeV.  $N_b \simeq 1.29 \times 10^{11}$  ppb,

$L_{1/5} = 2.11 \times 10^{34} \text{cm}^{-2} \text{s}^{-1}$ ,  $L_2 = 1.19 \times 10^{30} \text{cm}^{-2} \text{s}^{-1}$ ,  $L_8 = 2.02 \times 10^{33} \text{cm}^{-2} \text{s}^{-1}$

$\beta_{x,1}^* = 0.325$  m,  $\beta_{y,1}^* = 0.325$  m, polarity  $\text{IP}_{2/8} = 1/1$

$\Phi/2_{1(\text{H})} = 160$   $\mu\text{rad}$ ,  $\Phi/2_{5(\text{V})} = 160$   $\mu\text{rad}$ ,  $\Phi/2_{2,\text{V}} = 200$   $\mu\text{rad}$ ,  $\Phi/2_{8,\text{V}} = 200$   $\mu\text{rad}$

$\sigma_z = 9.0$  cm,  $\varepsilon_n = 2.5$   $\mu\text{m}$ ,  $Q' = 15.0$ ,  $C^- = 0.0$

25ns\_2556b\_2544\_2211\_2327\_3x48bpi\_20inj.json.json. Bunch 1009.

