HL-LHC v1.5. Flat optics. End of levelling.  $N_b = 1.4 \times 10^{11} ppb, \ \beta_{y,\, IP1}^* = 7.5 \ cm, \ \beta_{x,\, IP1}^* = 18 \ cm, \ \Phi/2_{IP1(H)/5(V)} = 250 \ \mu rad$  CC ON,  $\sigma_z = 7.61 \ cm, \ \Phi/2_{IP8,\, V} = 170 \ \mu rad, \ \epsilon_n = 2.5 \ \mu m, \ Q' = 5, \ I_{MO} = 60 \ A, \ C^- = 10^{-3}$ 

