

Year	Fill	$\sqrt{s_{\text{NN}}}$ [TeV]	n_b	ϕ [μrad]	β^* [m]	N_1 / N_2 [$\times 10^{11}$ charges]	$\mathcal{L}_{\text{init}}$ [$\times 10^{27}$ $\text{cm}^{-2} \text{s}^{-1}$]	vdM	Number of scan pairs			
									length scale	off-axis	emittance	super sep
2015	4689	5.02	400	0	0.8	43.0 / 44.7	1.25	3	1	1	0	0
2018	7442	5.02	288	160	0.5	97.3 / 98.7	2.11	1	1	2	1	0
	7443	5.02	288	160	0.5	91.2 / 92.8	1.91	4	0	3	3	2
	7483	5.02	620	160	0.5	96.6 / 98.5	3.98	0	1	0	1	0