

If not otherwise stated, values apply to stable beams						
Parameter	Mode	Energy (TeV)	Value	Unit	Comment	
No bunches	pp	6.5	2556		BCMS 2017	
No bunches	pp	4	1380		50 ns 2016	
No bunches	pp	2.51	1836		8b4e 2017	
No bunches	PbPb	6.37	518		2015 (200 ns spacing)	
No bunches	PbPb	3.5	358		2011	
No bunches	pPb	6.5	684/540		2016 (100 / 200 ns spacing)	
No bunches	pPb	4	296		2013	
Stored energy	pp	6.5	322	MJ	BCMS 2017	
Stored energy	pp	4	144	MJ	50 ns, 22.10.2012	
Peak luminosity	pp	6.5	2.05	10 ³⁴ cm-2s-1	8b4e Fill 6358 (02.11.2017)	
Peak luminosity (AJUST)	pp	6.5	2.22	10 ³⁴ cm-2s-1		
Peak luminosity	pp	4	0.77	10 ³⁴ cm-2s-1	Fill 2998 (24.08.2012)	
Peak luminosity	pp	2.51	0.137	10 ³⁴ cm-2s-1	8b4e Fill 6386 (14.11.2017)	
Peak luminosity	PbPb	6.37	32	10 ²⁶ cm-2s-1	2015	
Peak luminosity	PbPb	3.5	5.2	10 ²⁶ cm-2s-1	Fill 2328 (26.11.2011)	
Peak luminosity	pPb	6.5	0.85	10 ³⁰ cm-2s-1	Fill 5562 (30.11.2016)	
Peak luminosity	pPb	4	0.11	10 ³⁰ cm-2s-1	Fill 3544 (10.02.2013)	
Integrated luminosity per fill	pp	6.5	756	pb-1	Fill 6364 (02.11.2017) in 27h 24'	
Integrated luminosity per fill	pp	4	240	pb-1	Fill 2692 (12.06.2012) in 22h 48'	
Integrated luminosity per fill	PbPb	6.37	45	ub-1	Fill 4720 (13.12.2015)	
Integrated luminosity per fill	PbPb	3.5	7	ub-1	Fill 2330 (27.11.2011)	
b*	pp	6.5	30	cm	2017	
b*	pp	4	60	cm	2012	
b*	pp	2.51	310	cm	2017	
b*	PbPb	6.37	80	cm	2015	
b*	PbPb	3.5	100	cm	2011	
b*	pPb	6.5	60	cm	2016	
b*	pPb	4	60?	cm	2013	
Fill length	pp	6.5	37h 3'		Fill 5045 (26-28.06.2016)	
Fill length	pp	4	22h 48'		Fill 2692 (12.06.2012)	
Fill length	pp	3.5	26h		Fill 2006 (05.08.2011)	
Fill length	pp	2.51	37h 11'		Fill 6396 (16-18.11.2017)	
Fill length	pPb	4	37h 46'		Fill 5506 (10-12.11.2016)	