Dependence of sensor temperature of 2011

End of	Int. Lum. [fb ⁻¹]	V _d [V] with -15°C in 2011	V _d [V] with +20°C in 2011
0 th year (2009)	0.0	65.0	65.0
1 st year (2010)	0.5	64.5	64.5
2 nd year (2011)	0.5	64.5	64.3
3 rd year (2012)	3.8	61.4	61.2
4 th year (2013)	18.8	48.8	48.5
5 th year (2014)	37.8	35.3	35.1
6 th year (2015)	78.8	14.0	13.8
7 th year (2016)	120.8	2.9	3.2
8 th year (2017)	219.8	31.3	31.5
9 th year (2018)	351.8	65.4	65.6
10 th year (2019)	483.8	102.4	102.7
11 th year (2020)	628.8	145.9	146.1
12 th year (2021)	821.8	203.3	203.5

Remember this!

Effect of shutdown with SCT warm-up days

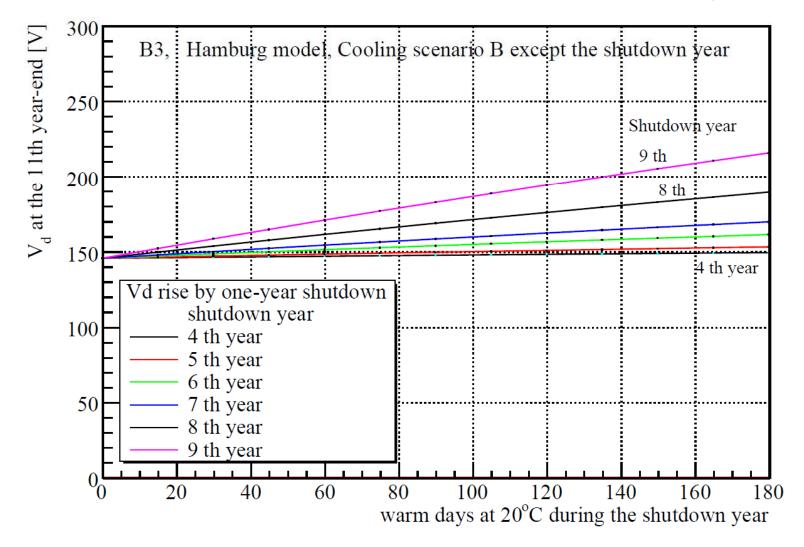


Fig. 20: One full-year shutdown is inserted at n-th year, during which the SCT is kept at -22°C except warm-up days at 20°C. The luminosity profile is kept same (except one year delay after the shutdown year).

2010/1/22