

Source	2016	2017	2018
Integrated luminosity	1.2%	2.3%	2.5%
Background estimation	23.3%	25.2%	20.9%
Photon ID scale factors	3.1%	7.0%	2.9%
Proton survival probability	10%	10%	10%
Particle shower reconstruction in PPS	—	—	1.7%