

Source of uncertainty	Inclusive minbias	Hard scattering	Diffraction enriched	Non-diffractive enriched
Model uncertainty on correction factors	0.6 – 9.2	0.7 – 4.1	16 – 43	0.7 – 8.6
Selection cuts	1.0 – 4.9	2.7 – 8.8	0.9 – 2.8	1.1 – 5.0
Tracking efficiency	3	3	3	3
Multiple tracks	1	1	1	1
Spurious tracks	0.3 – 1.2	0.4 – 1.7	0.2 – 0.7	0.3 – 1.2
Magnet polarity	—	—	2.6 – 7.7	—
Residual pile-up	1.7	1.7	1.7	1.7
Total on $F_{\text{char},\eta}$	3.9 – 11	4.9 – 10	16 – 43	4.0 – 11
Variation of $R_{\text{gen},\eta}$ and $k_\eta$ factors	0.8 – 6.1	0.7 – 2.9	1.5 – 23	0.9 – 5.5
Photon efficiency	1.4 – 1.6	1.2 – 1.3	1.3 – 2.3	1.3 – 1.6
ECAL miscalibration	< 1	< 1	< 1	< 1
Total on $F_{\text{total},\eta}$	4.4 – 13	5.4 – 11	17 – 49	4.4 – 12