

Parameter	Values
Fitting interval 1	328.5–359 nm
Calibration	1 interval (328–359 nm), using the SAO 2010 solar atlas (Chance and Kurucz, 2010).
Molecular species	HCHO, NO ₂ , Ozone, BrO, O ₂ -O ₂ : same cross sections as in Table 4
Ring effect	Ring cross section based on the technique outlined by Chance and Spurr (1997)
Slit function	One slit function per binned spectrum as a function of wavelength (60 OMI ISRF; Dirksen et al., 2006).
Polynomial	Fifth order
Intensity offset correction	Linear offset ($1 / I_0$)
Reference spectrum I_0	Daily solar irradiance