

Measurement/platform	Time period 1998–2014	Reference
SO ₂ profile/MLS	2004–2011	Pumphrey et al. (2015)
SO ₂ profile/MIPAS	2002–2012	Höpfner et al. (2013, 2015)
Aerosol extinction profile, size/SAGE II	1998–2005	Russell and McCormick (1989)
Aerosol extinction profile, size/OSIRIS	2001–2011	McLinden et al. (2012), Rieger et al. (2015)
Aerosol extinction profile/GOMOS	2002–2021	Vanhellemont et al. (2010)
Aerosol extinction profile/SCIAMACHY	2002–2012	Taha et al. (2011) von Savigny et al. (2015)
Aerosol extinction profile/CALIOP	2006–2011	Vernier et al. (2009, 2011a, b)
Aerosol extinction or AOD merged products	1998–2011	Rieger et al. (2015)
AOD from AERONET and lidars		Ridley et al. (2014)
Surface area density		Kovilakam and Deshler (2015) Eyring et al. (2013)