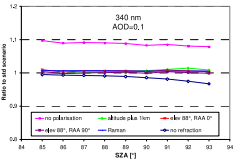
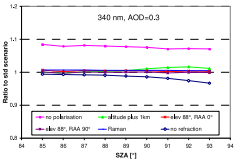
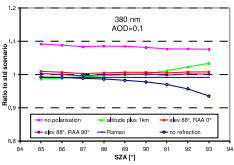
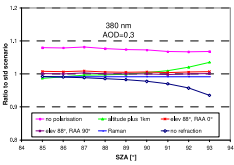
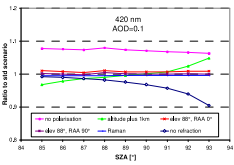
AOD = 0.1 AOD = 0.3

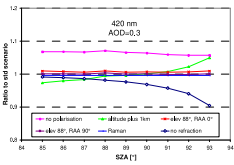

340 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

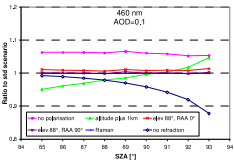

340 nm, AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

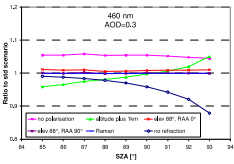

380 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

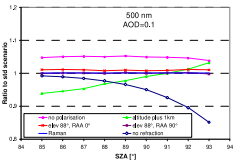

380 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

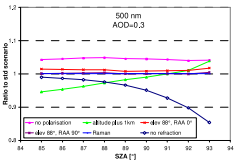

420 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

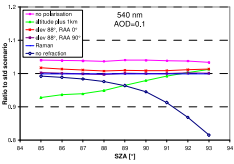

420 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

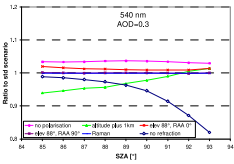

460 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

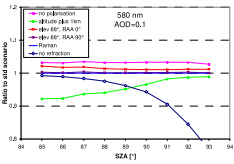

460 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

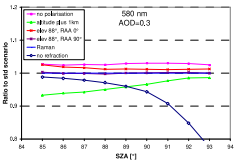

500 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

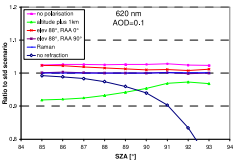

500 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

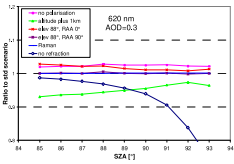

540 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

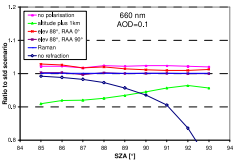

540 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

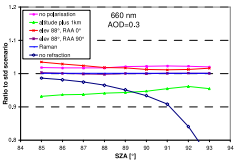

580 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

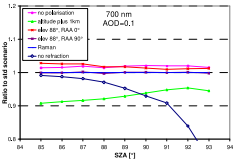

580 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction

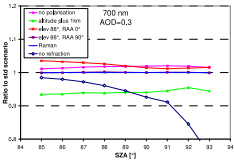

620 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction


620 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction


660 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction


660 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction


700 nm
AOD=0.1
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction


700 nm
AOD=0.3
Ratio to std scenario
SZA [°]
no polarisation
altitude plus 1km
elev 88°, RAA 0°
elev 88°, RAA 90°
Raman
no refraction