



General:

- Filename composite/result scan CC940600.351 / CB940600.351
- Time / EXCEL-time of scan...: 12/17/1994 06:00:00 / 34685.25000
- Modeling time:..... 09/09/2003 19:16:13.81
- SZA / Azimuth start of scan:.. 66.6499 / 88.65
- SZA from scan? / Sky condition yes / CS
- Pauses: 1_2 / 2_3 / extra: ... N/A; Time from input file

Model Parameters:

- Model version:..... libRadtran-1.0-beta-12stream
- Radiative transfer solver:.... spsdisort
- Streams / Delta M? / nscat:... 6 / on / 2
- Transmittance wavelengths file /model/input/transmittance3long.txt
- Scaled total ozone:..... 304.281 DU
- Ozone source:..... SUV
- Ozone cross-section:..... Bass_and_Paur
- Albedo:..... 0.98
- Air pressure at ground:..... 678.3 hPa
- Altitude / Height over ground: 2.835 km / 0 km
- Aerosol parameters:
- $\alpha/\beta/\text{VIS}/\text{SSA}/\text{Haze}/\text{Seas}/\text{Vul}/\text{Asy}$: 1.3/0/100/0.99/6/1/1/0.7

Ozone Retrieval:

- Unscaled/Scaled/S-Factor/Dif:.. 304.3DU/304.3DU/1.00/0.0DU
- Irradiance at minimum wavel.:. 0.985562 mW m⁻² nm⁻¹ at 302.582 nm
- Avg ratio 300-315 / 325-335 nm 0.977719 / 0.967776
- Ratio E(short) / E(long)..... 1.01027

Wavelength correction?:..... file

- Wavelength shift analysis?:..... yes
- Spline w-value / s-value:.... 0.01 / 0.01
- Maximum wavelength shift:.... 0.3
- Filename center wavelengths:.. center_wl2b.txt
- Correlation interval UV / VIS: 5.0 / 15.0
- Minimum irradiance:..... 0.1 mW m⁻² nm⁻¹

Bandwidth normalization breaks:.. norm_SPO_Vol5.txt

Break point resampling method:.. 340 nm

Cosine Correction

- Method: advanced
- Standard angular response file response_c_standard.txt

Extraterrestrial spectrum:..... /model/input/ABS_ATL_SPECTR_KITTPeak2s.txt

Profile:..... /model/input/profiles/South_Pole/AS330.dat

Slit function:..... /model/input/slit1.00_st0.05.txt

Filename wavelength correction: avg-shift_wave_shift_SPO_Vol5_Ver0_slit0.90_st0.05_run1_JD327-13.csv_CC940000.327-CC950000.013.txt

Cosine correction coefficients:.. coeff_abc_SPO_Vol5_FD94_final.txt

Diffuse correction factor f_D:.. 0.969

Cloud-spectra directory:..... C:/Version2/Spole/Vol9/Correction_parameters/Cloudspectra

Table G and B vs. SZA and COD... cloud_table_IC_SPO_Ver9_450nm.txt

Wavelength for COD retrieval:... 450 nm

Cloud correction tweak file:.... average_meas_model_SPO_Vol5_JD172-end_final.txt

