



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

