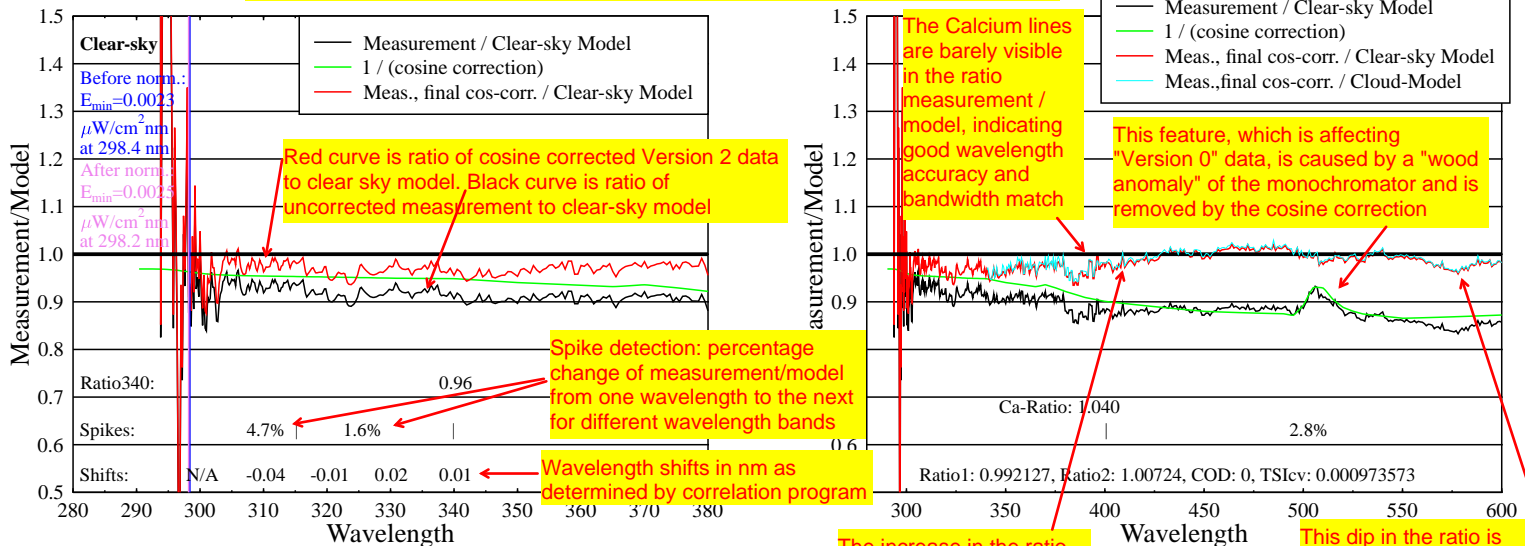


The upper two plots show the ratio of measurement and model in two spectral bands.



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:  
-  $\alpha/\beta/VIS/SSA/Haze/Seas/Vul/Asy$ : 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

