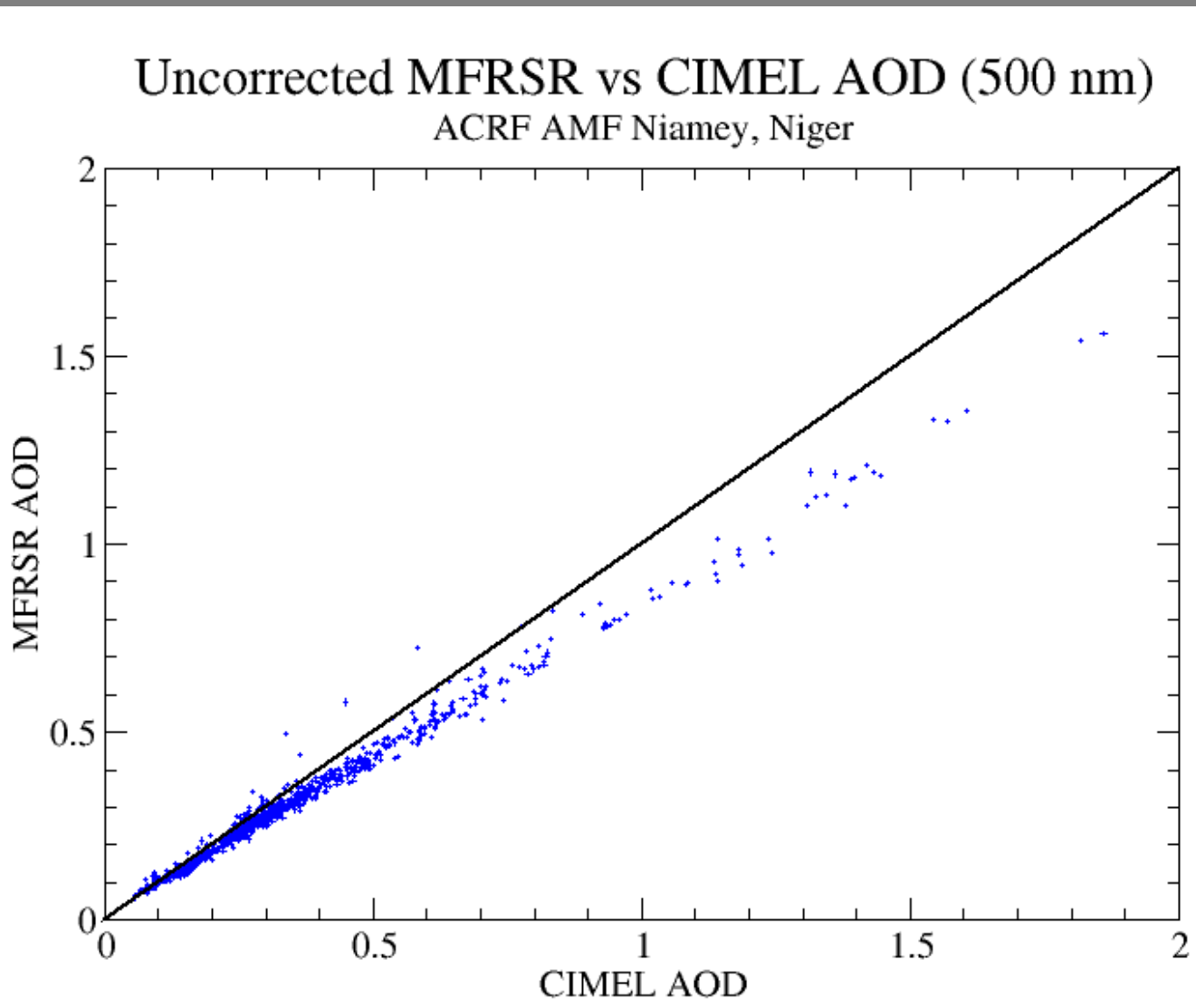
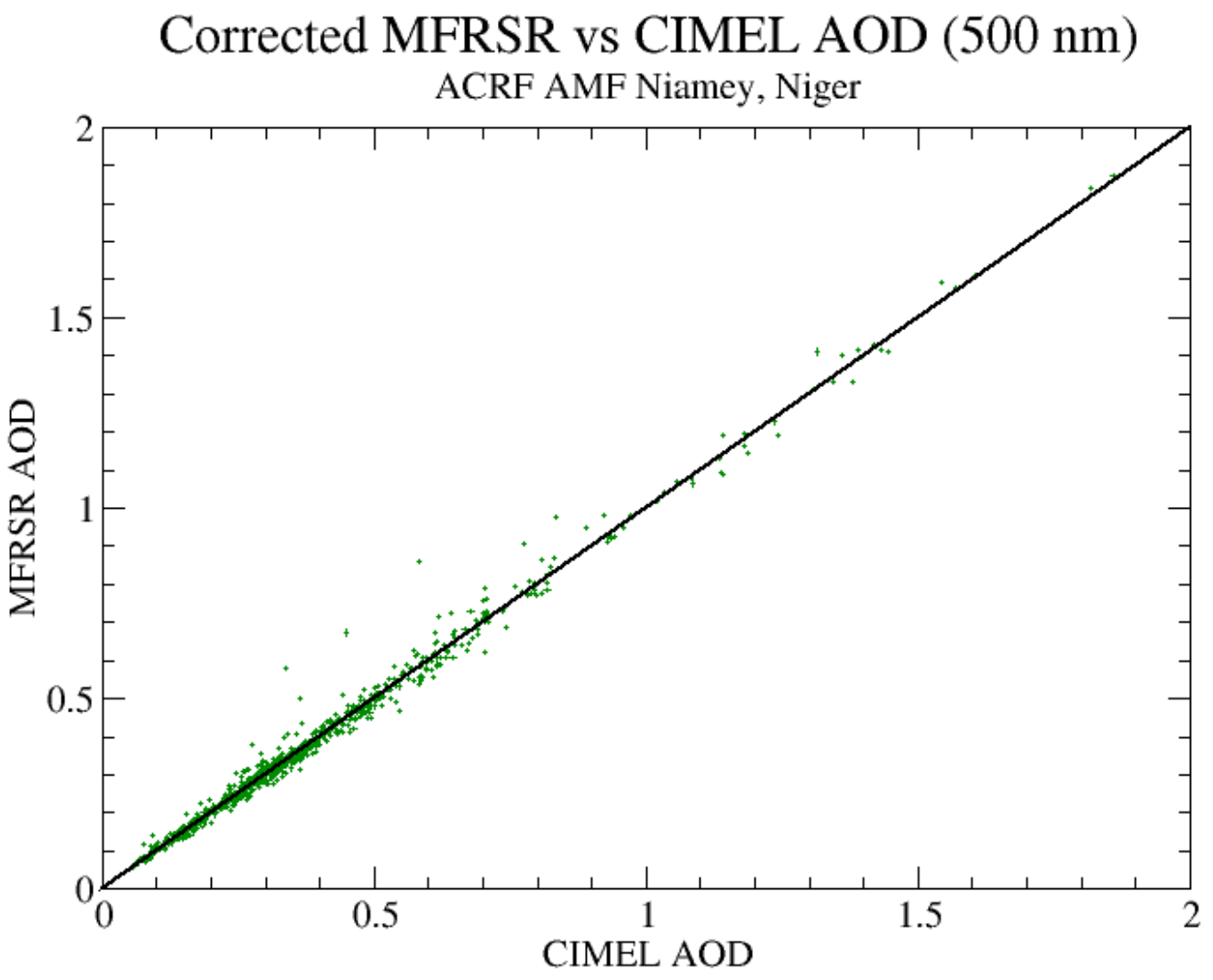
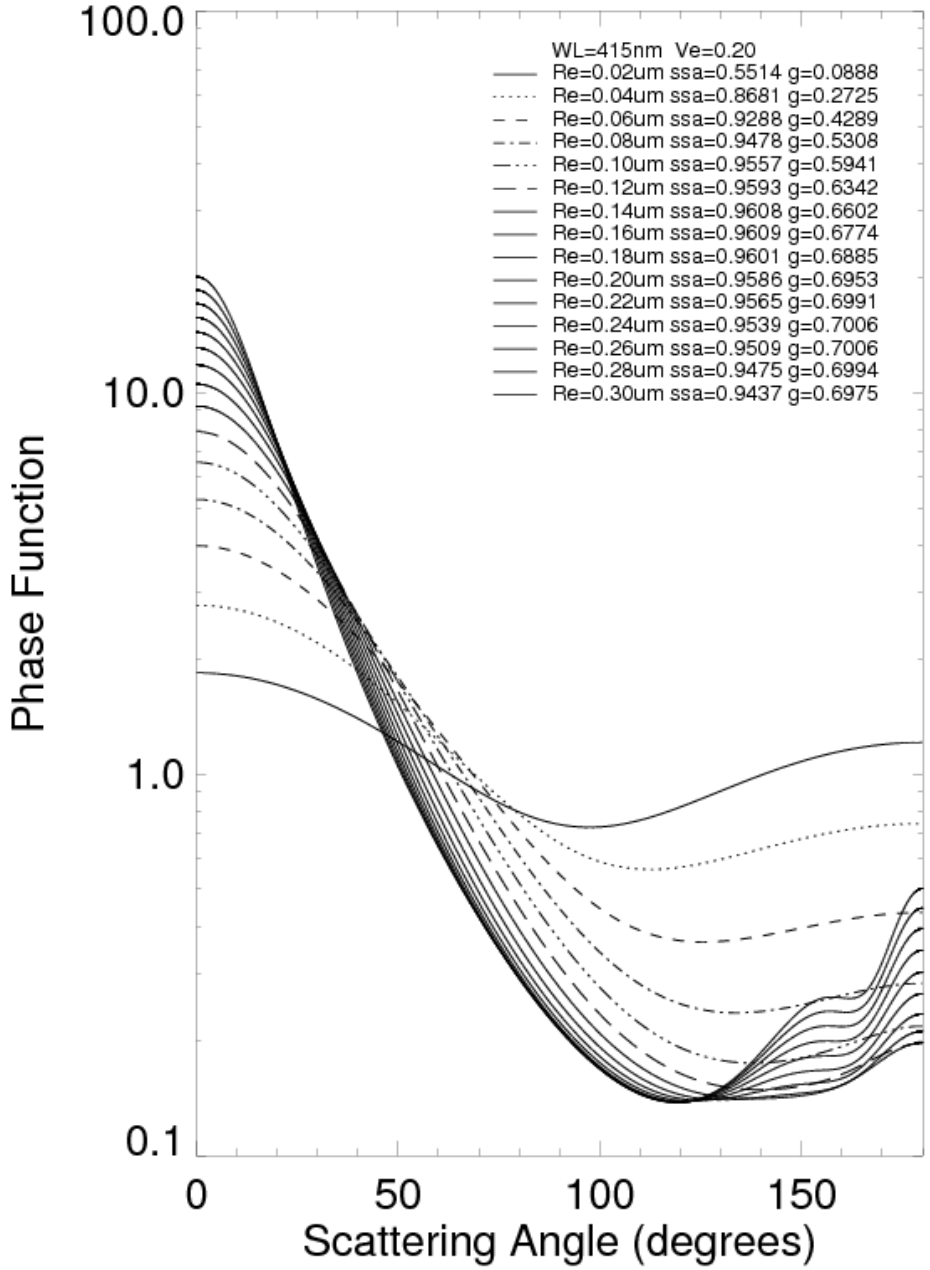
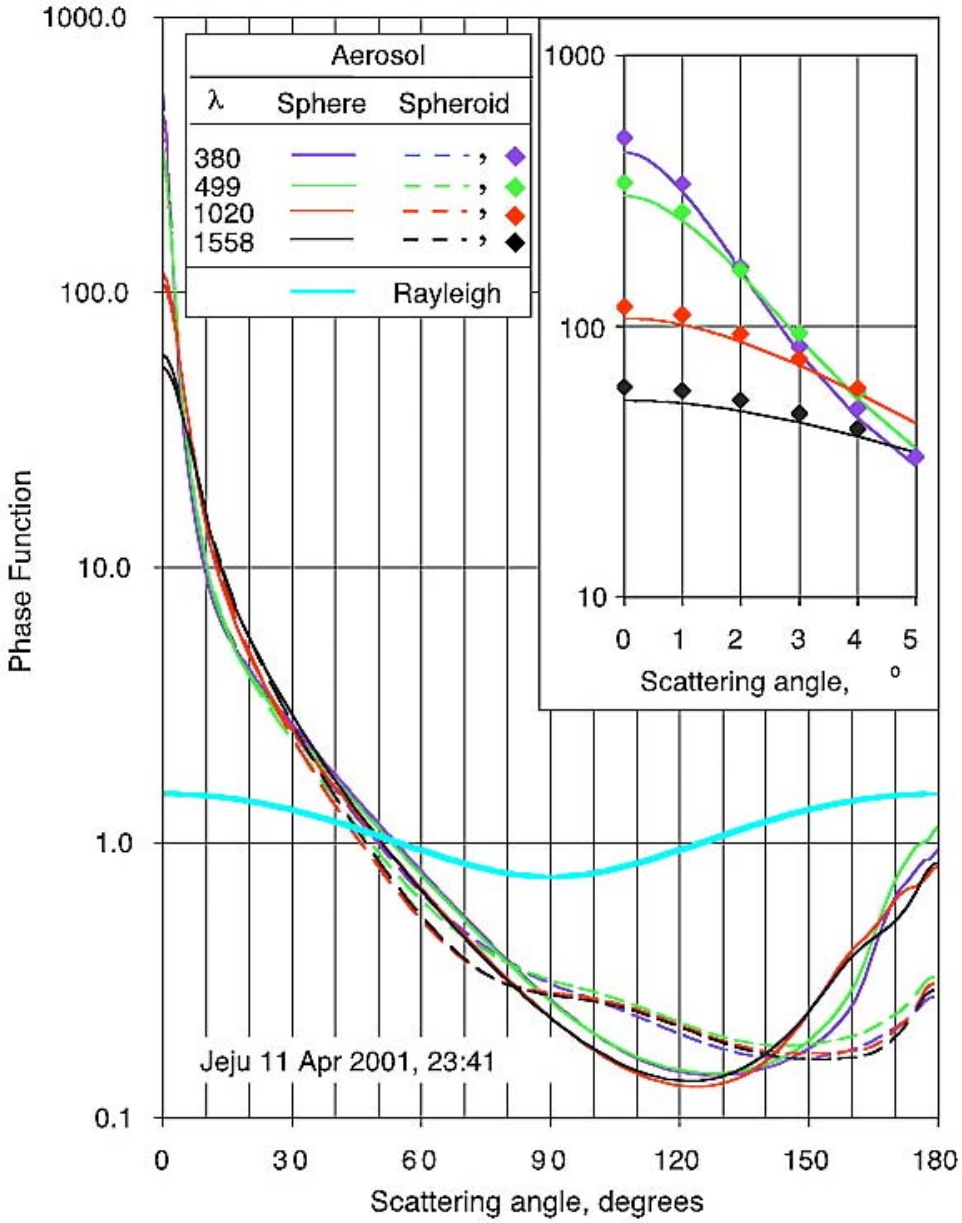

Uncorrected MFRSR vs CIMEL AOD (500 nm)
ACRF AMF Niamey, Niger
MFRSR AOD
CIMEL AOD
0
0.5
1
1.5
2



Used correction k(λ, Angstrom Coef)



Aerosol phase function for different effective sizes (Re) at 415 nm



Russell et al., 2004 JGR

Figure 2. Phase functions at selected wavelengths for the aerosol size distribution retrieved from AERONET Sun-sky measurements at Jeju, Korea, 11 April 2001, 2341 UT. The size distribution retrieval assumed spheroidal kernels, using the method of *Dubovik et al.* [2002b]. Aerosol phase functions $P_a(\Theta)$ shown were calculated for this single size distribution, assuming either spheroids or equal-volume spheres. Rayleigh phase function $P_R(\Theta)$ is shown for comparison.