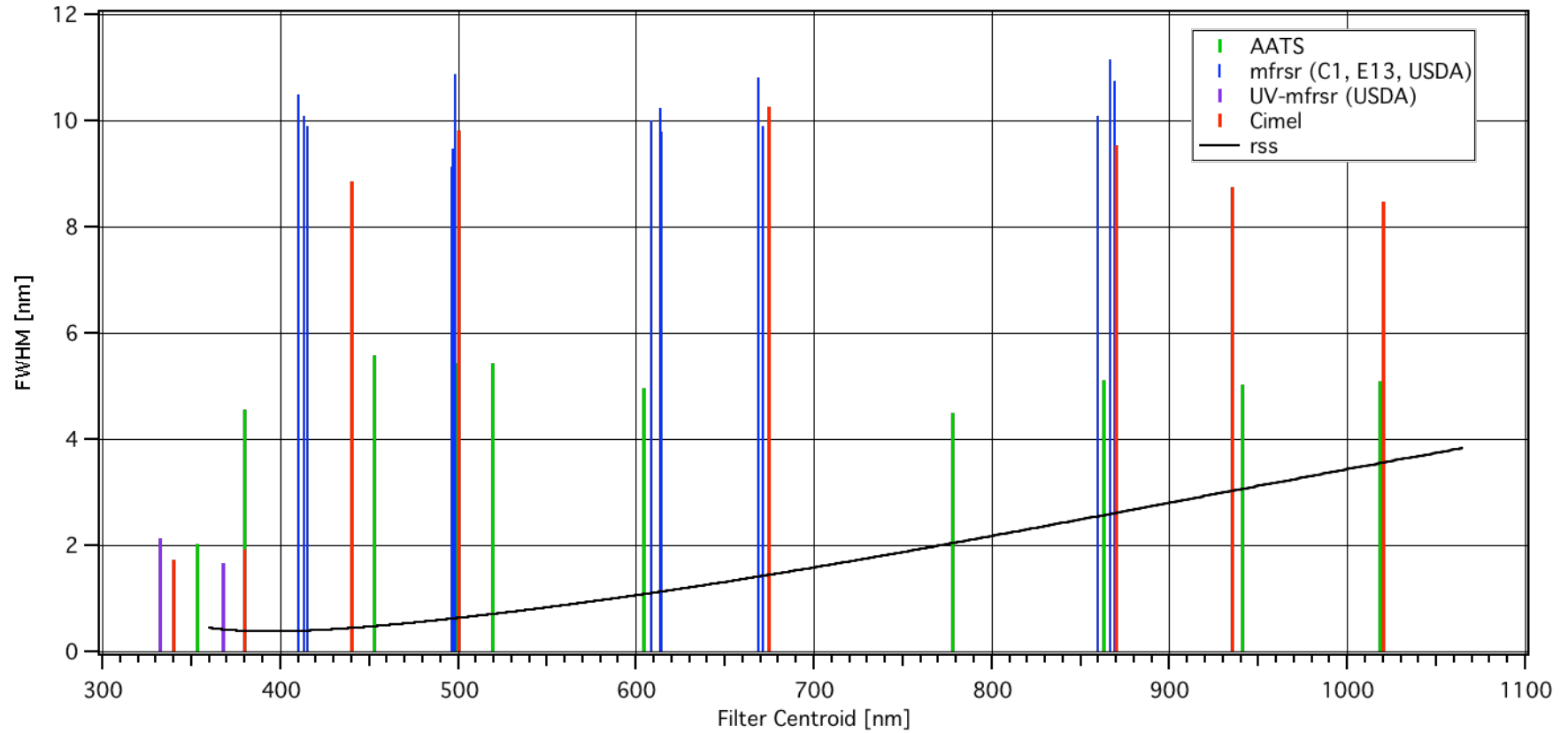


# Comparison of Aerosol Optical Depth During ALIVE 2005

P. Kiedron, C. Flynn, R. Ferrare, B. Schmid  
J. Slusser, J. Michalsky

# Participating instruments

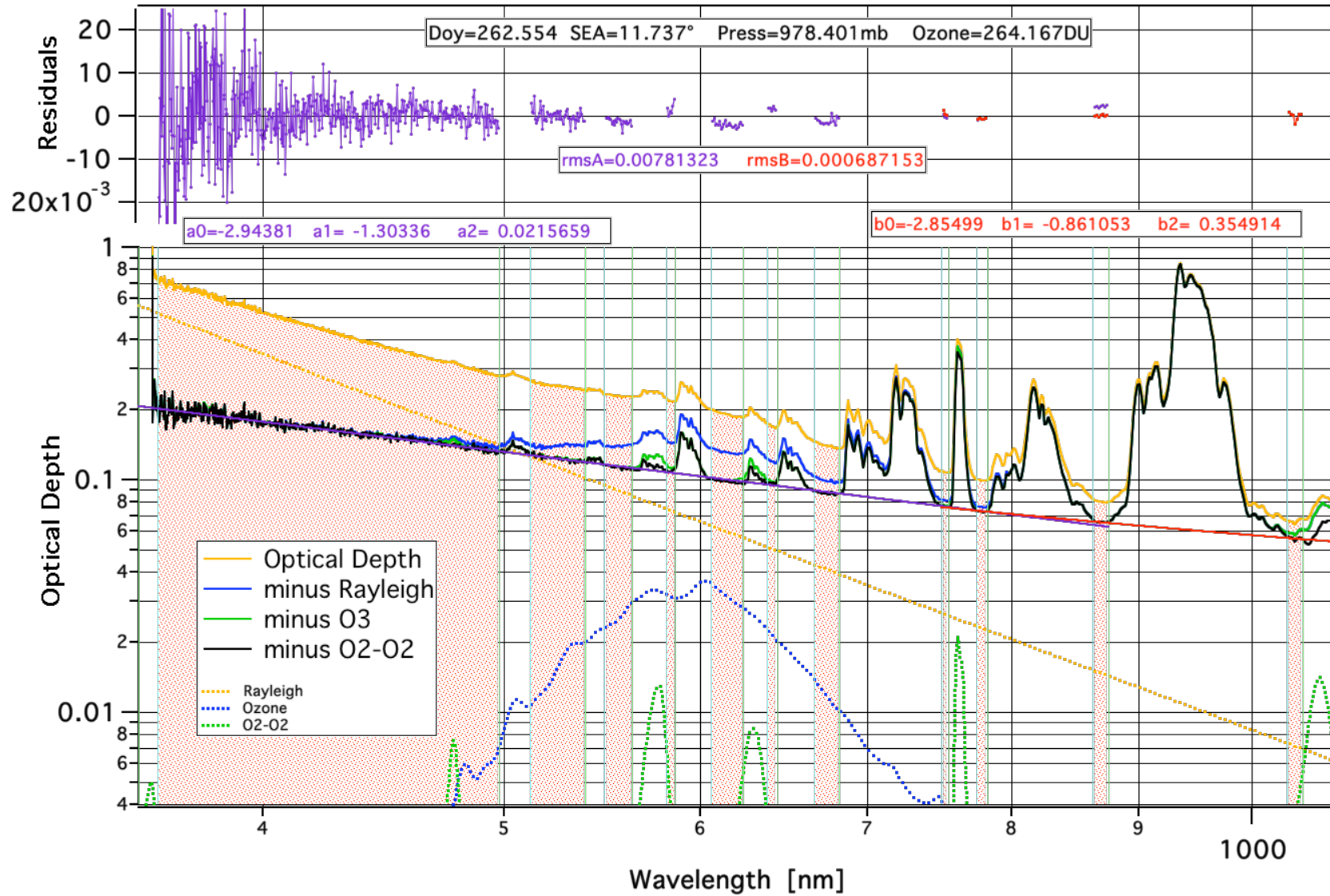


Raman Lidar 355nm

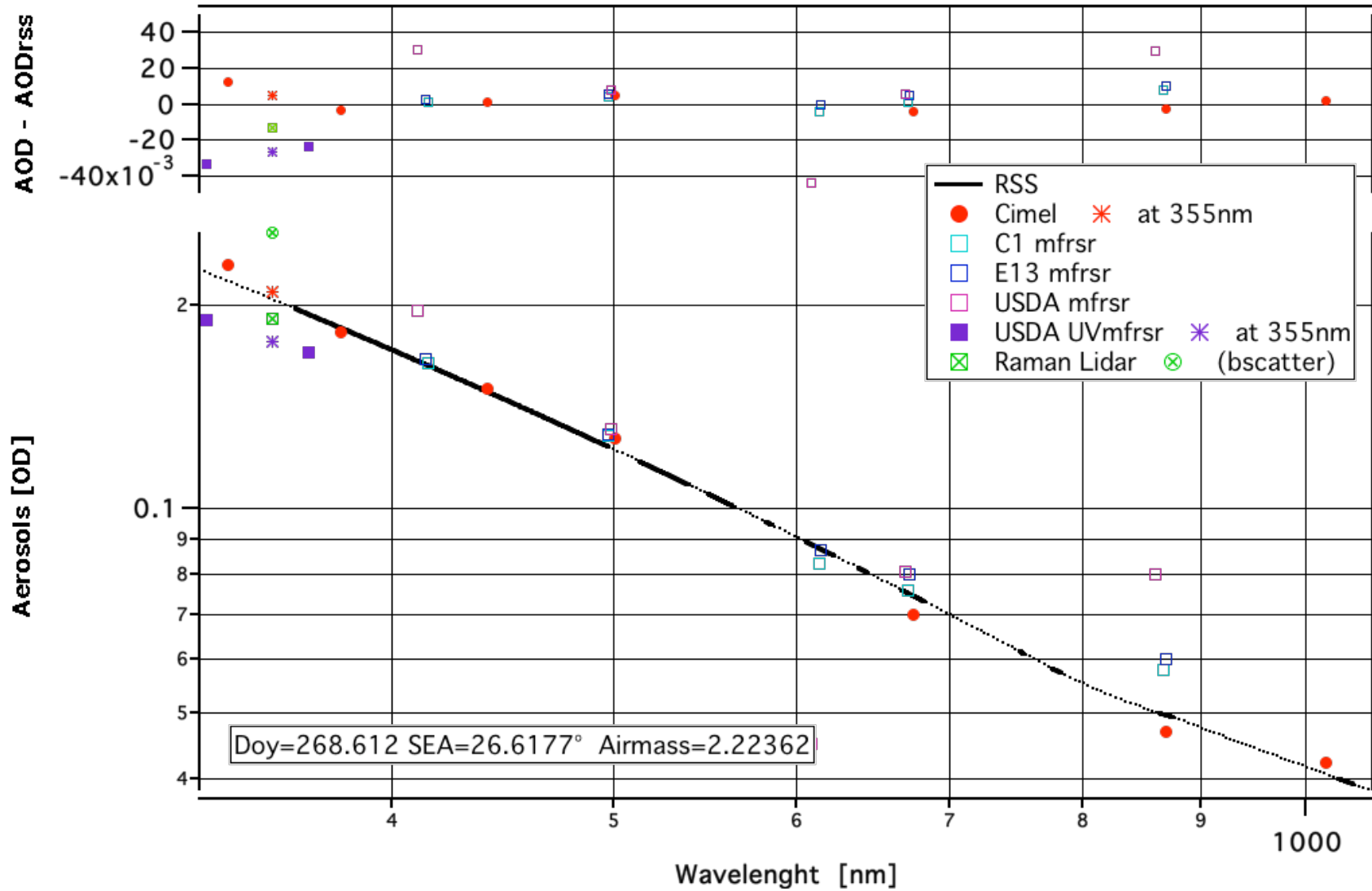
## Data availability in September 2005

<b>Instrument</b>	<b>Data Availability</b>	<b>Sampling Rate</b>
Cimel	Sept 15 -30	1/15min
RSS	Sept 1 - 30	1/min
MFRSR E13	Sept 1 - 30	1/20sec
MFRSR C1	Sept 1 - 30	1/20sec
MFRSR USDA	Sept 1 - 30	1/3min
UV-MFRSR USDA	Sept 1 - 30	1/3min
AATS (airborne)	Sept 13, 16, 17	3 per day
RAMAN LIDAR	Sept 1 - 30	1/10min
NIMFR	Not available	1/20sec

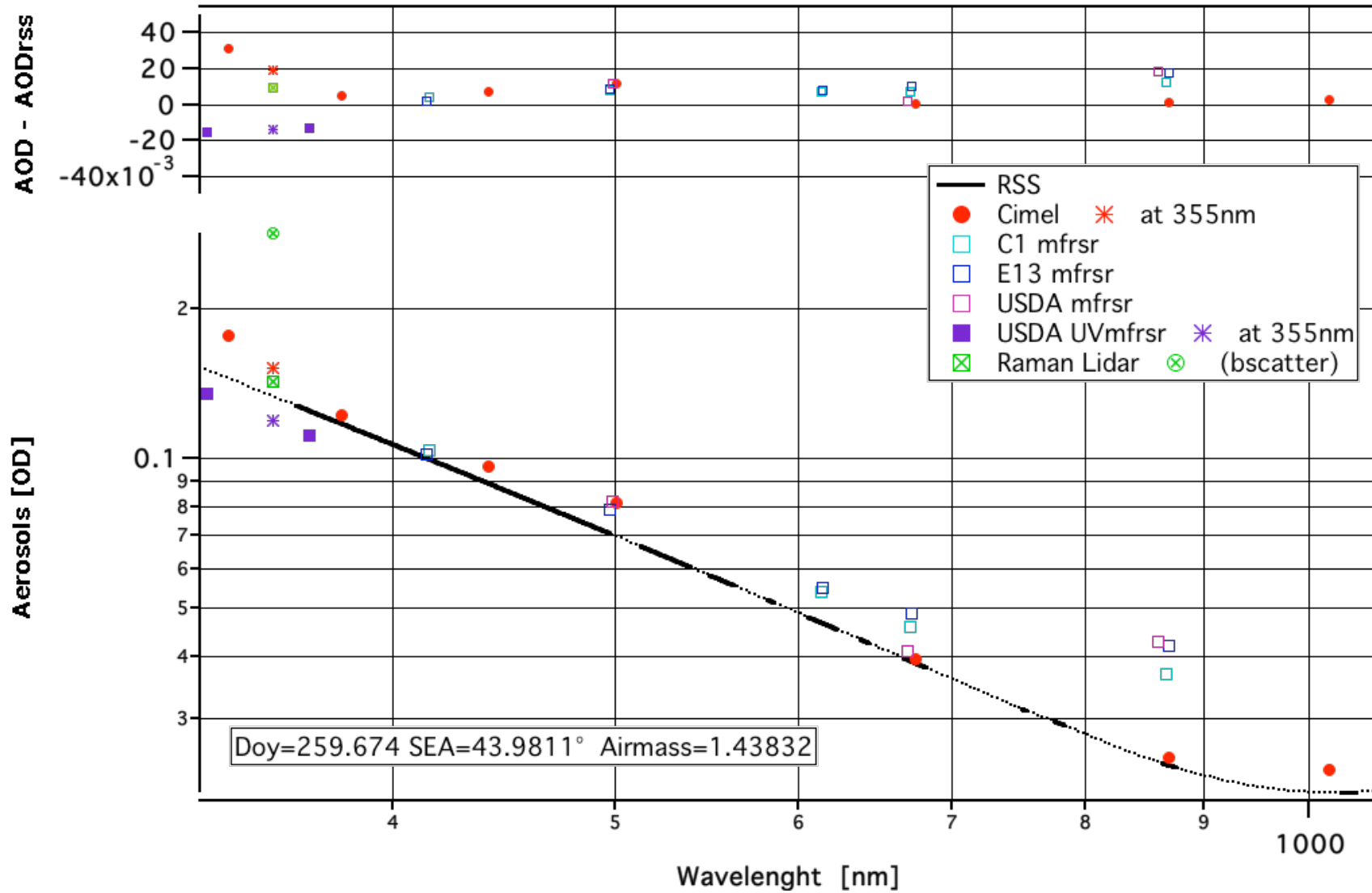
# AOD retrieval with RSS



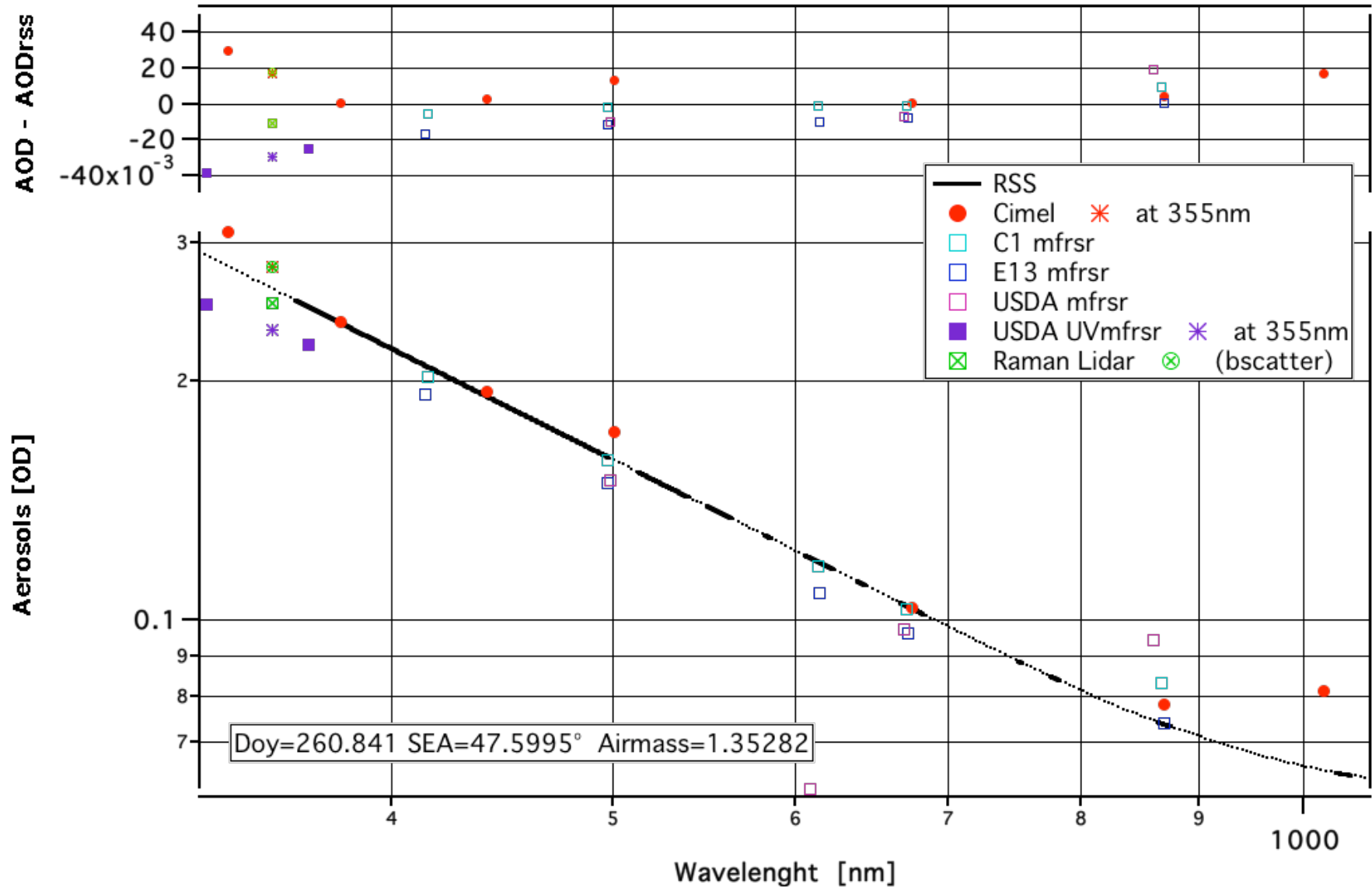
# Example of AOD from Seven Instruments



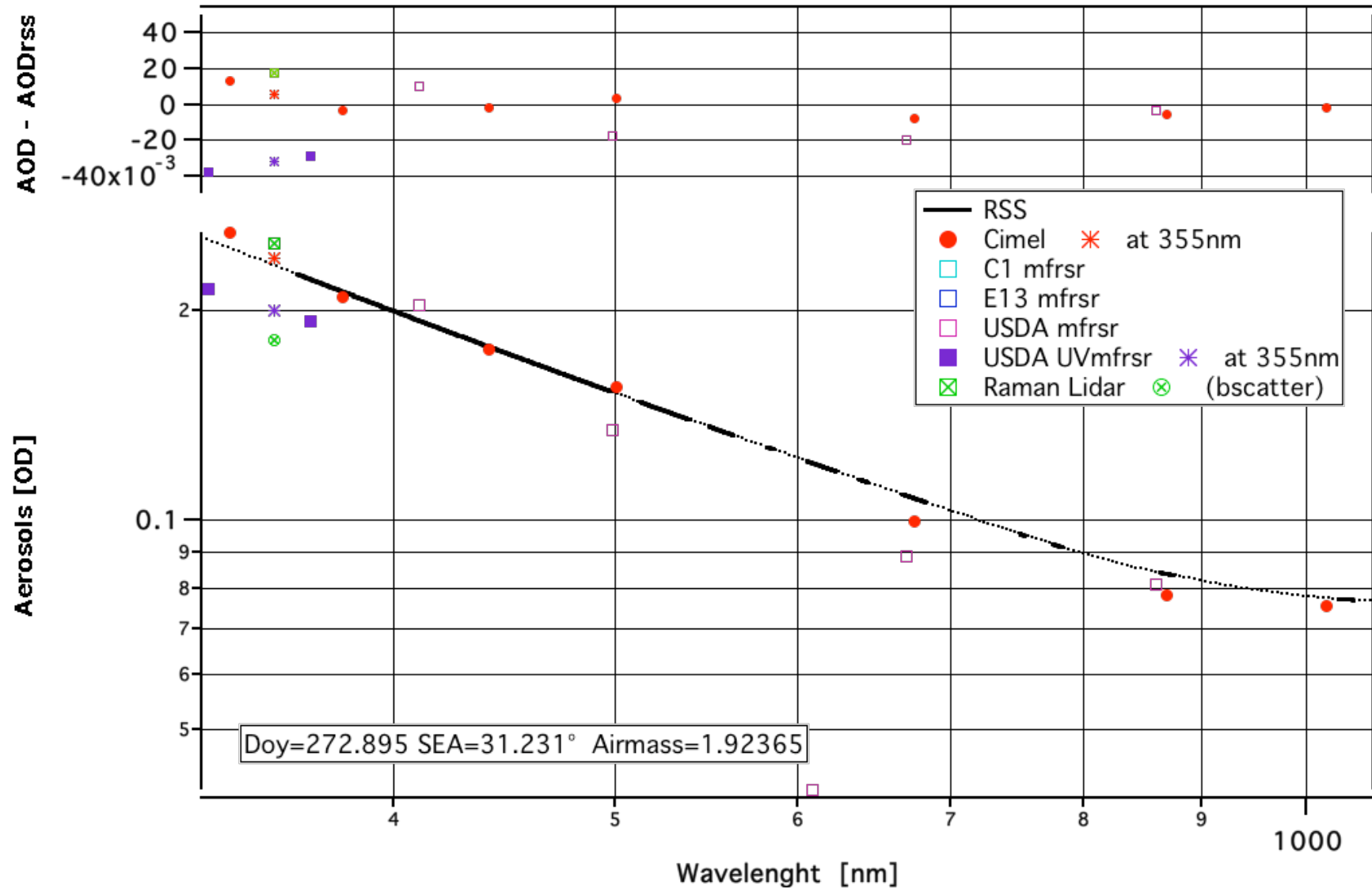
# Example of AOD from Seven Instruments



# Example of AOD from Seven Instruments

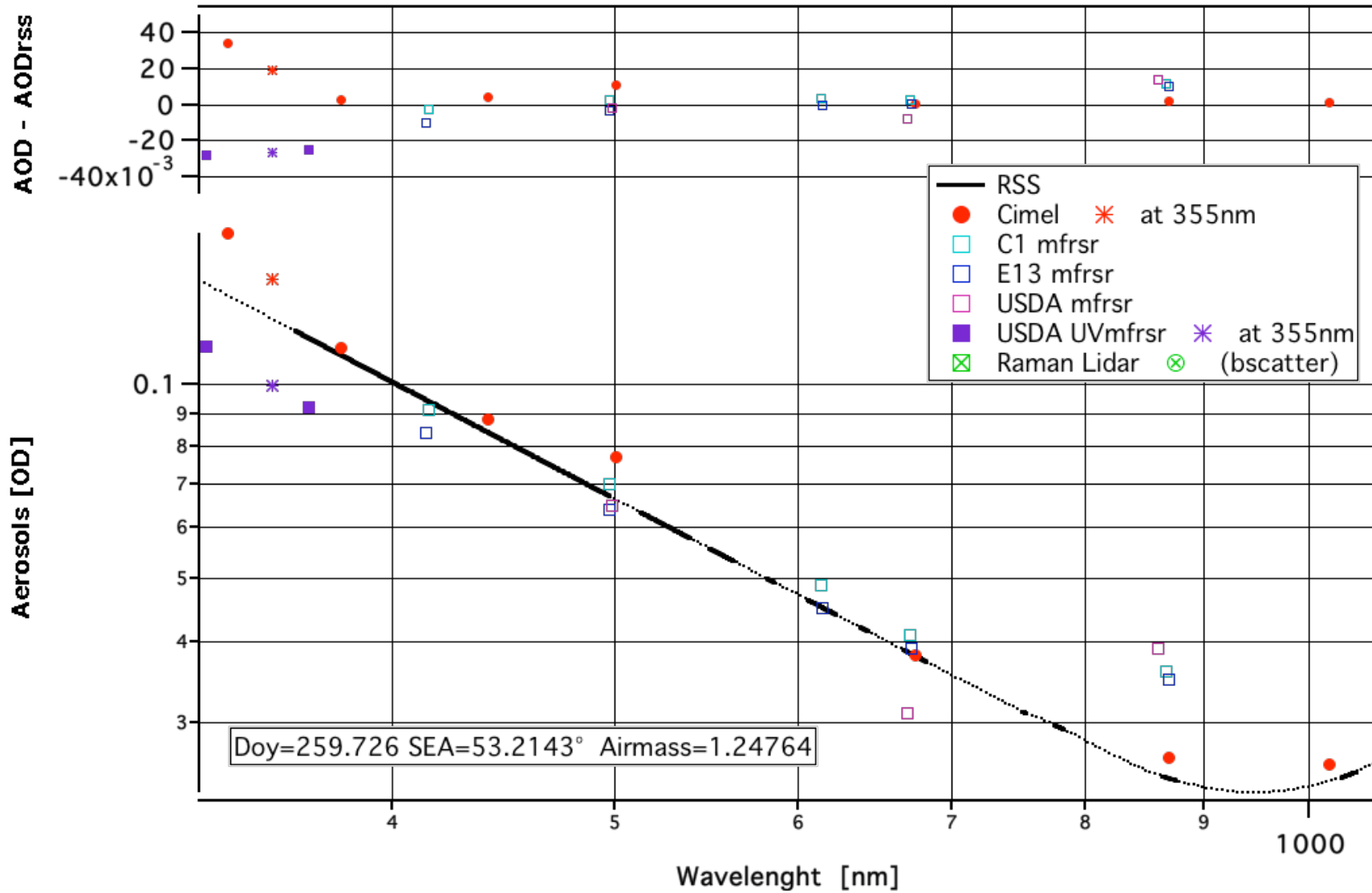


## Example of AOD from Seven Instruments

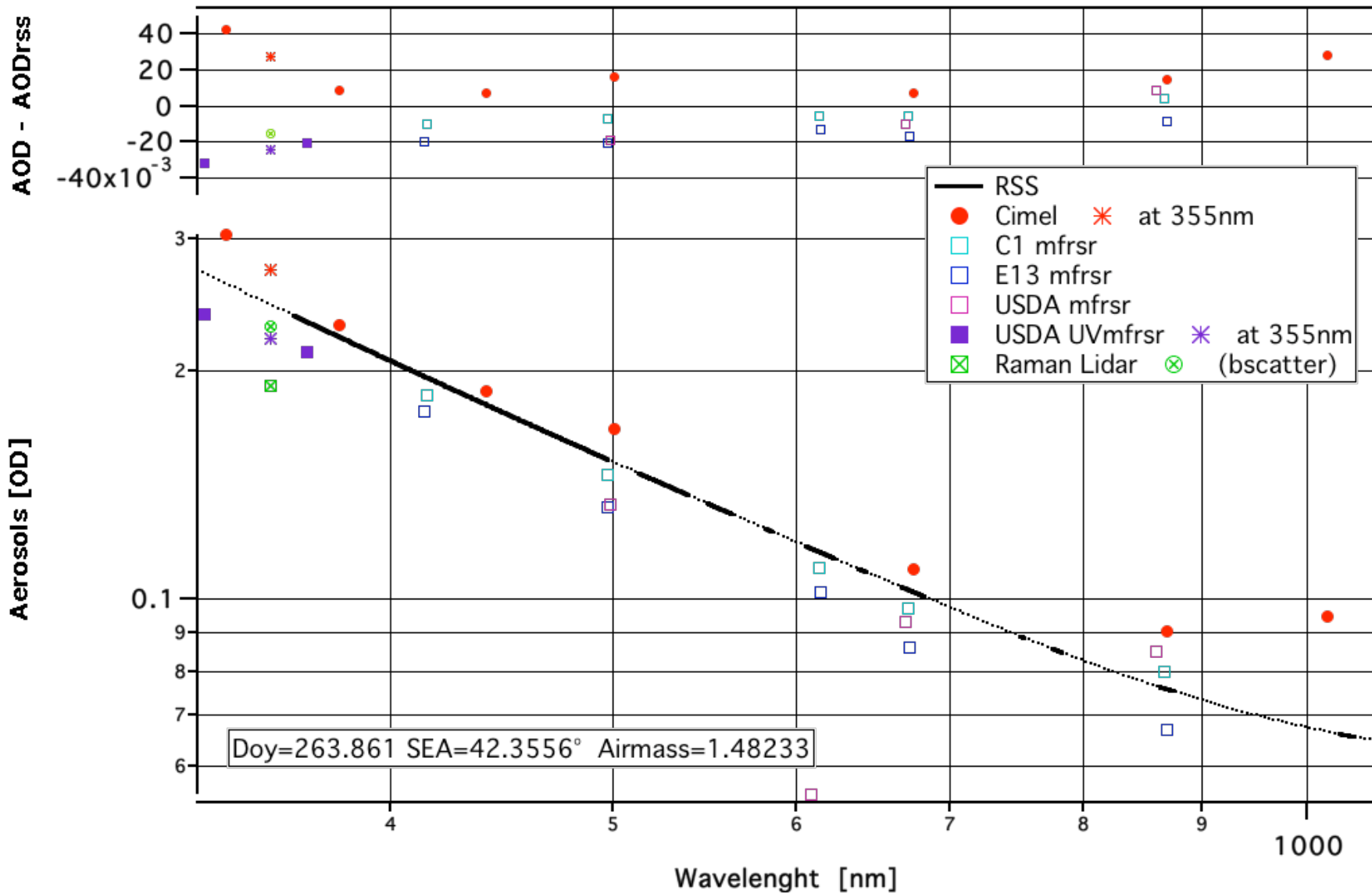




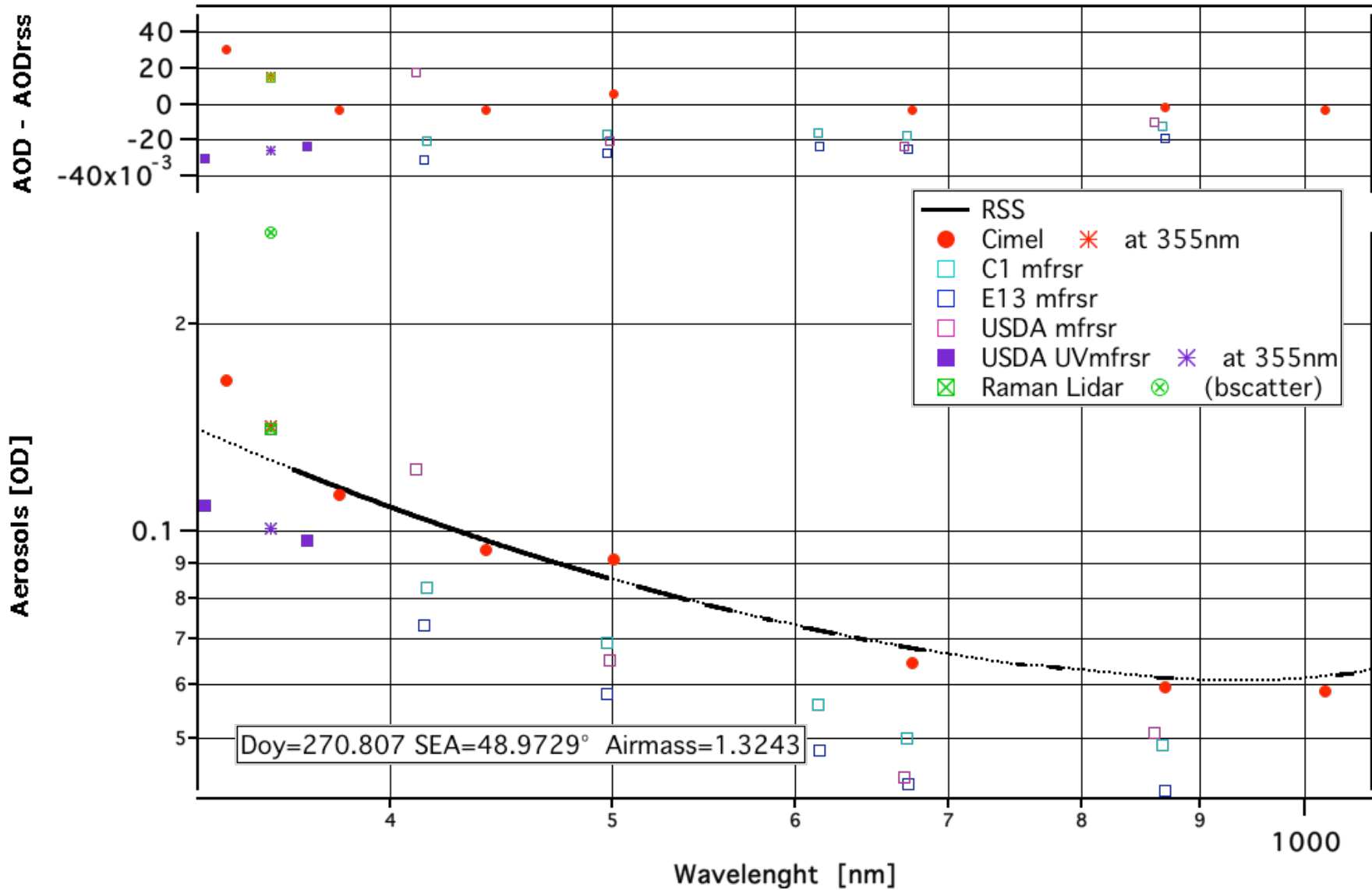
# Example of AOD from Seven Instruments



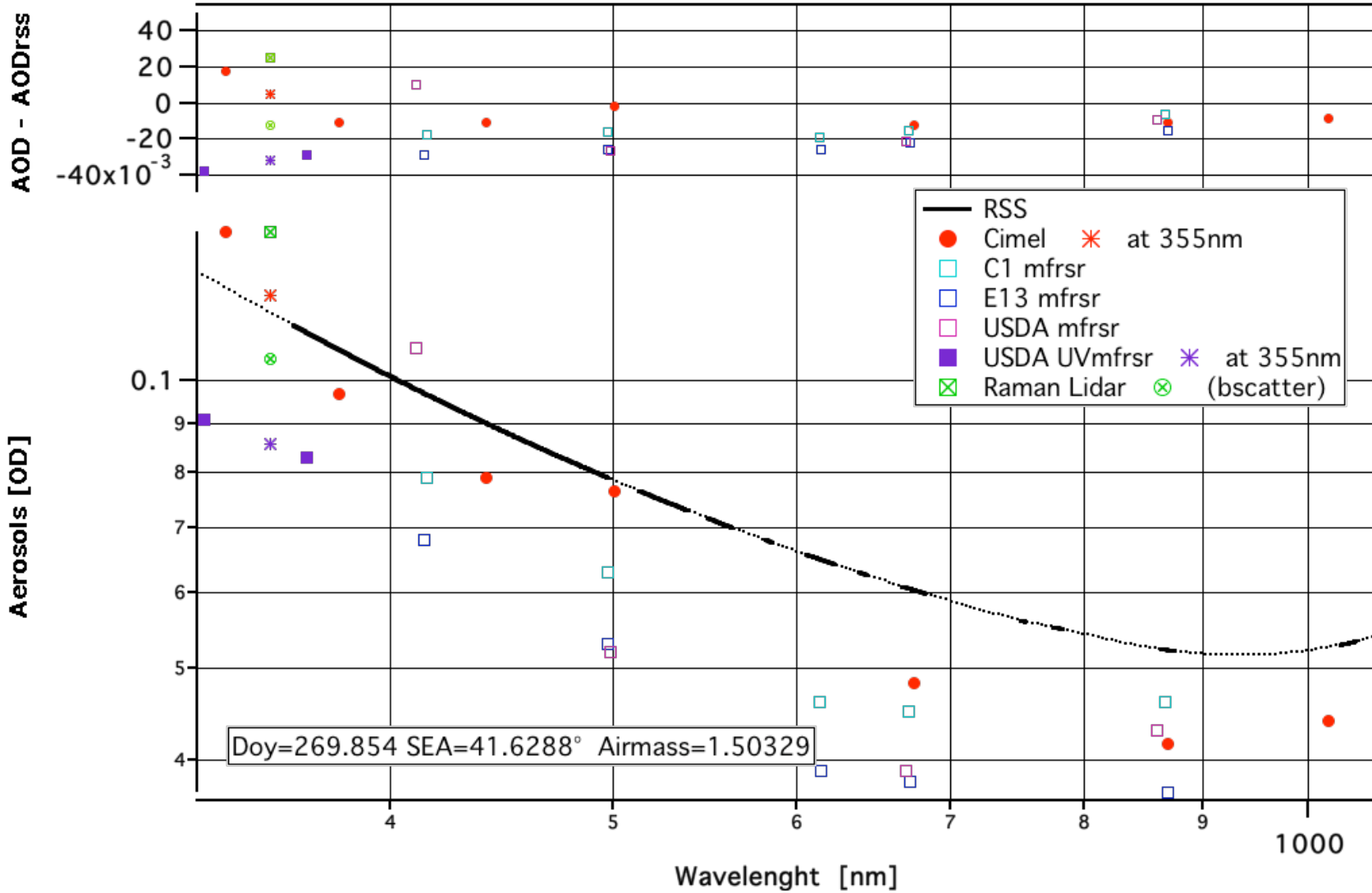
# Example of AOD from Seven Instruments



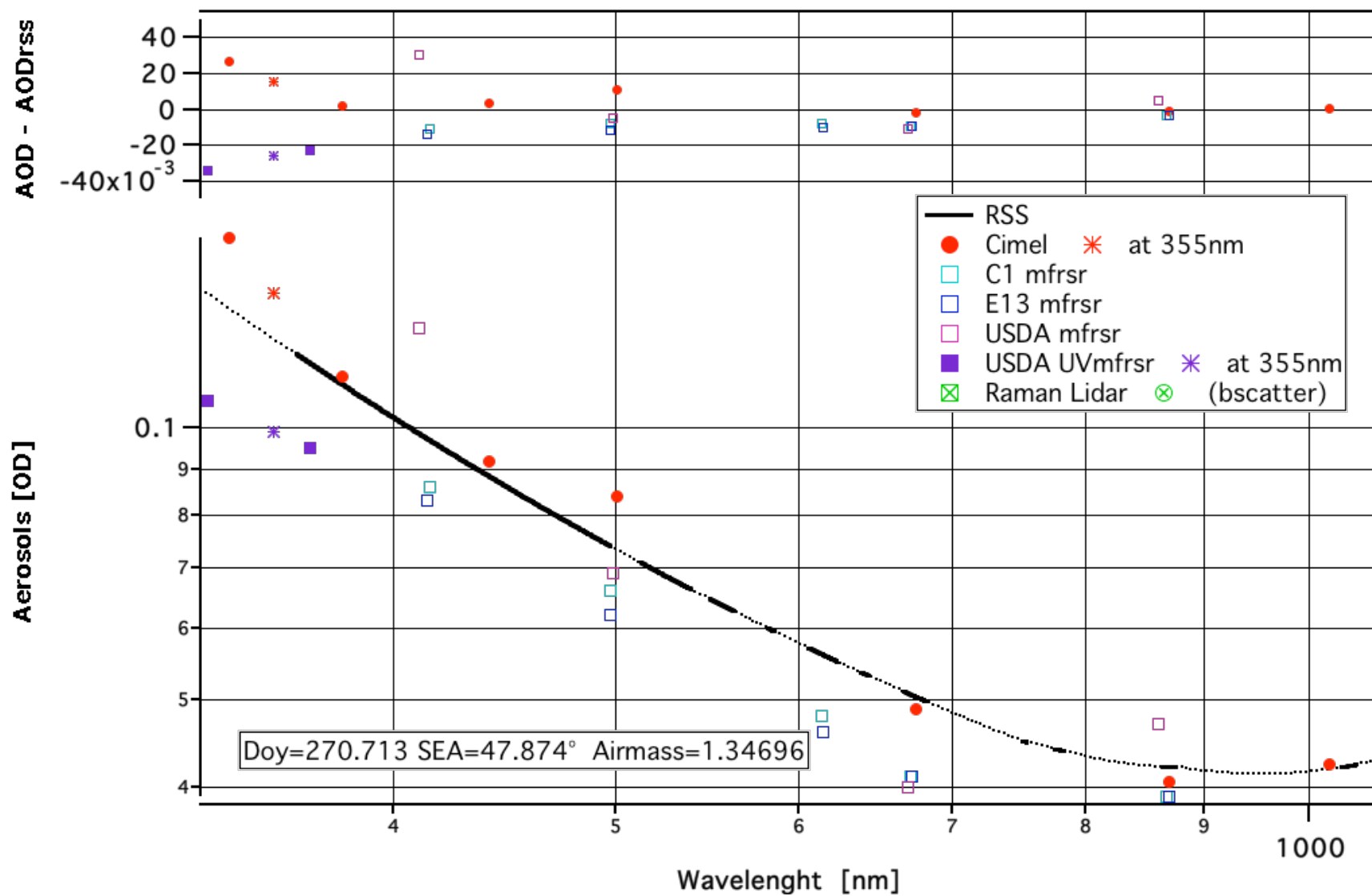
# Example of AOD from Seven Instruments



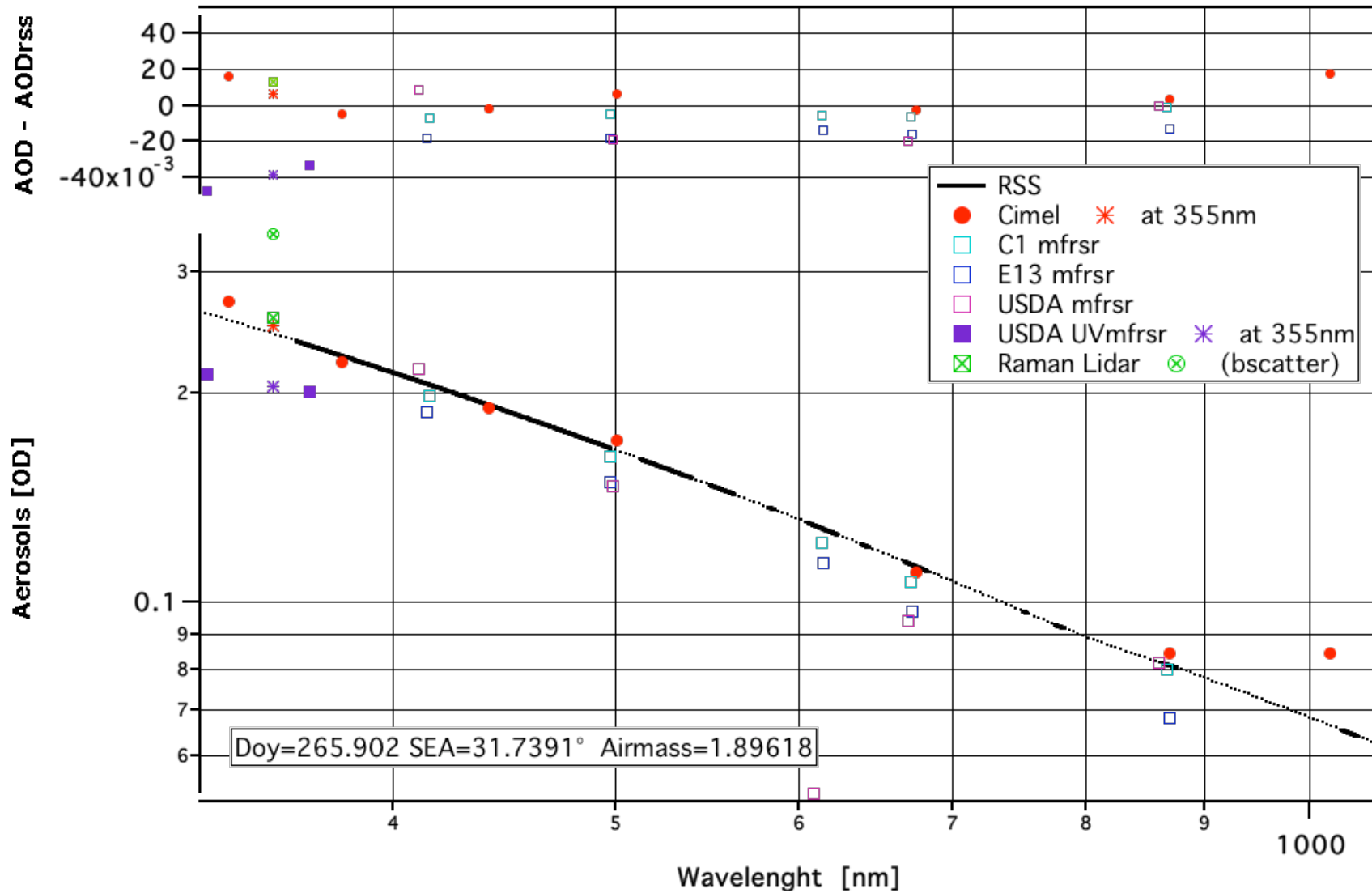
# Example of AOD from Seven Instruments



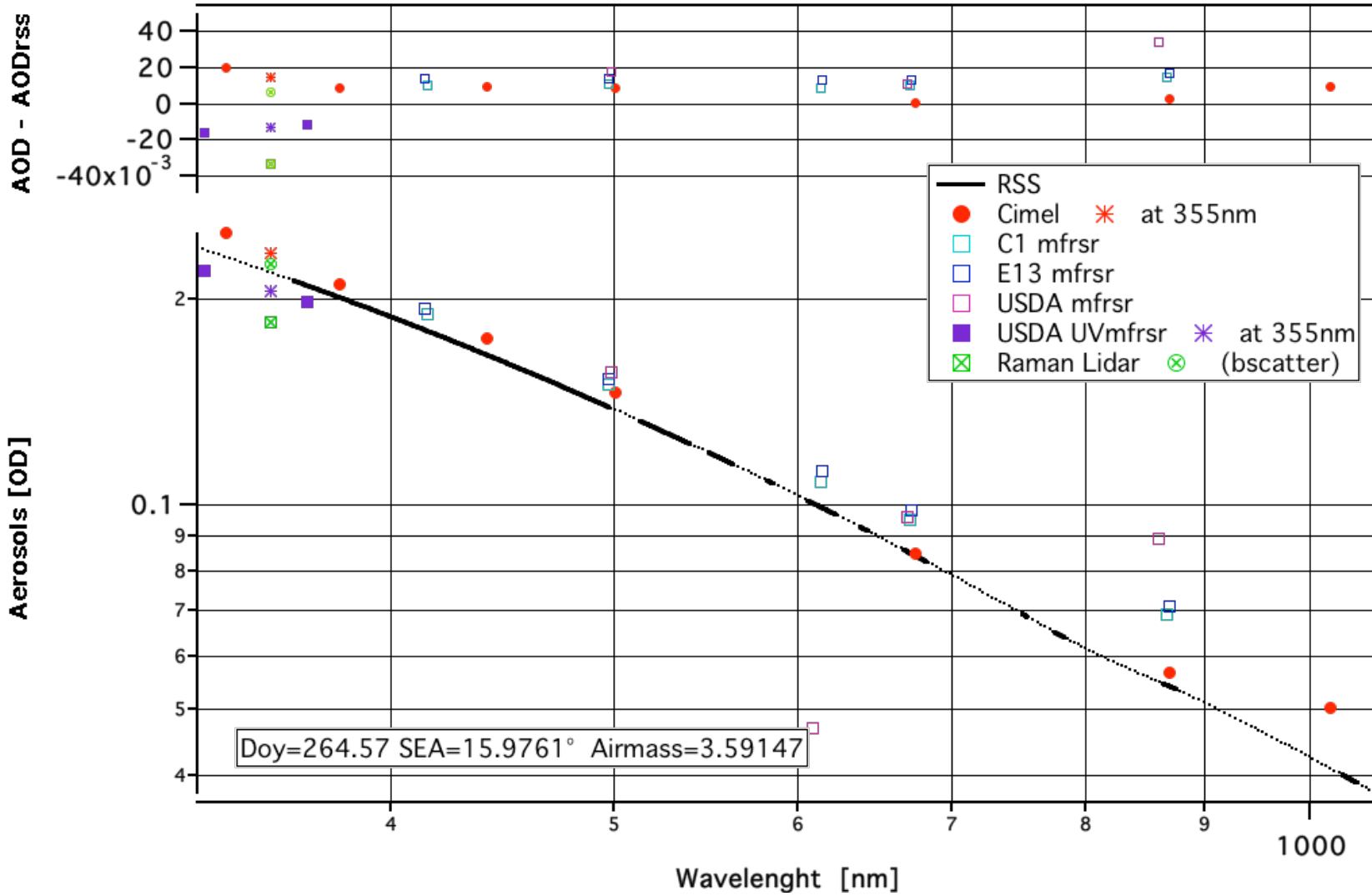
# Example of AOD from Seven Instruments



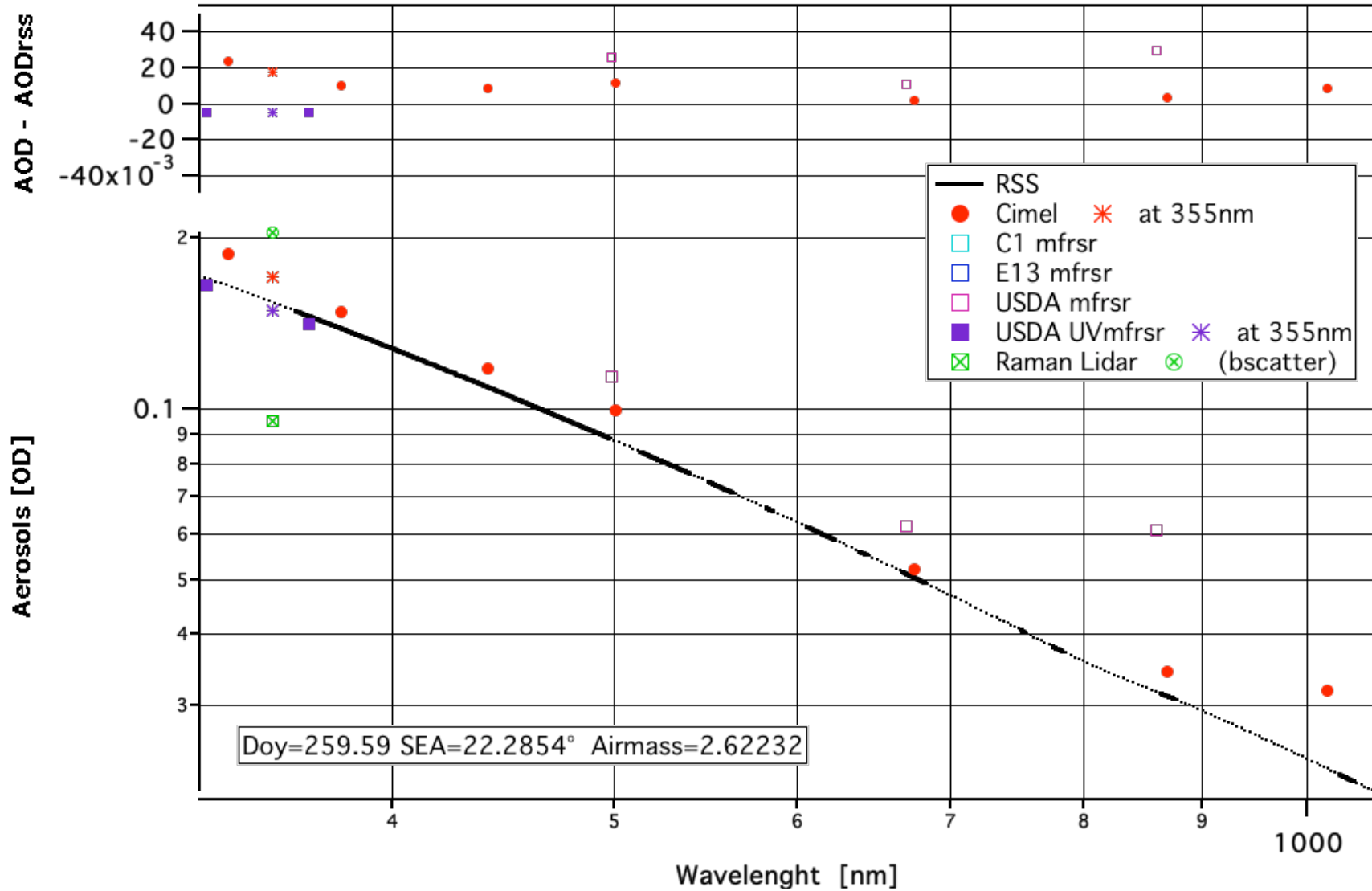
# Example of AOD from Seven Instruments



# Example of AOD from Seven Instruments

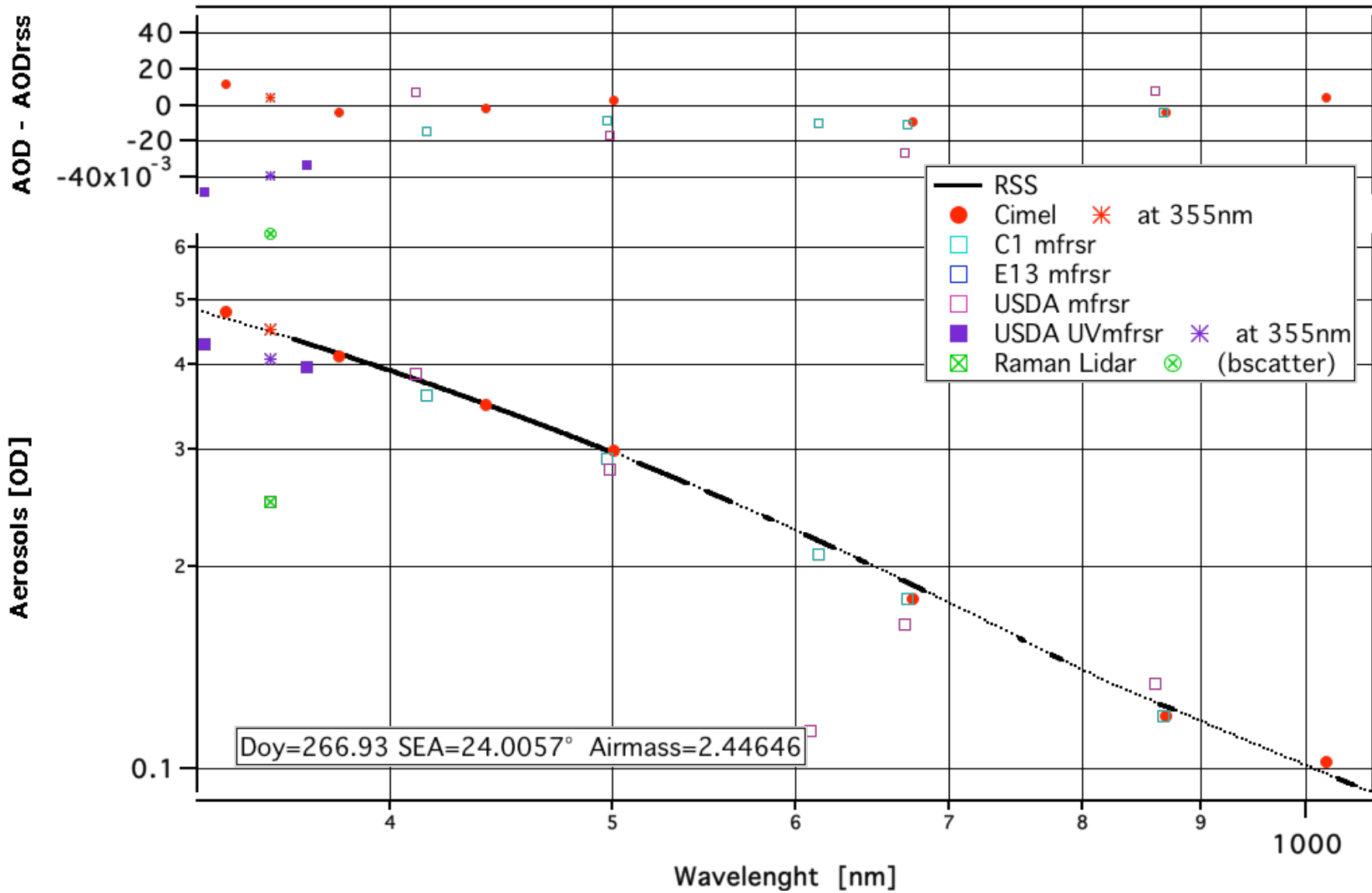


# Example of AOD from Seven Instruments

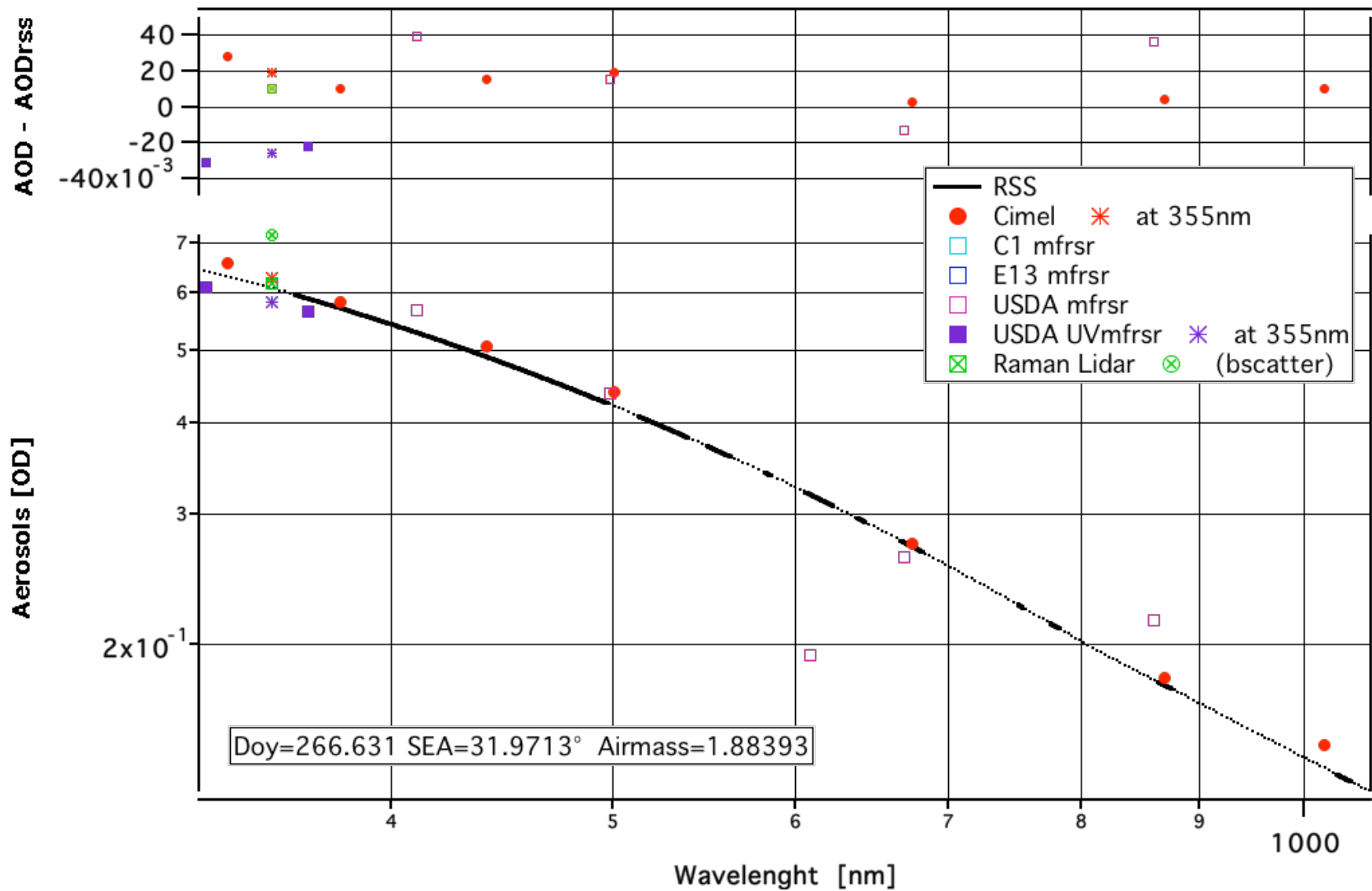




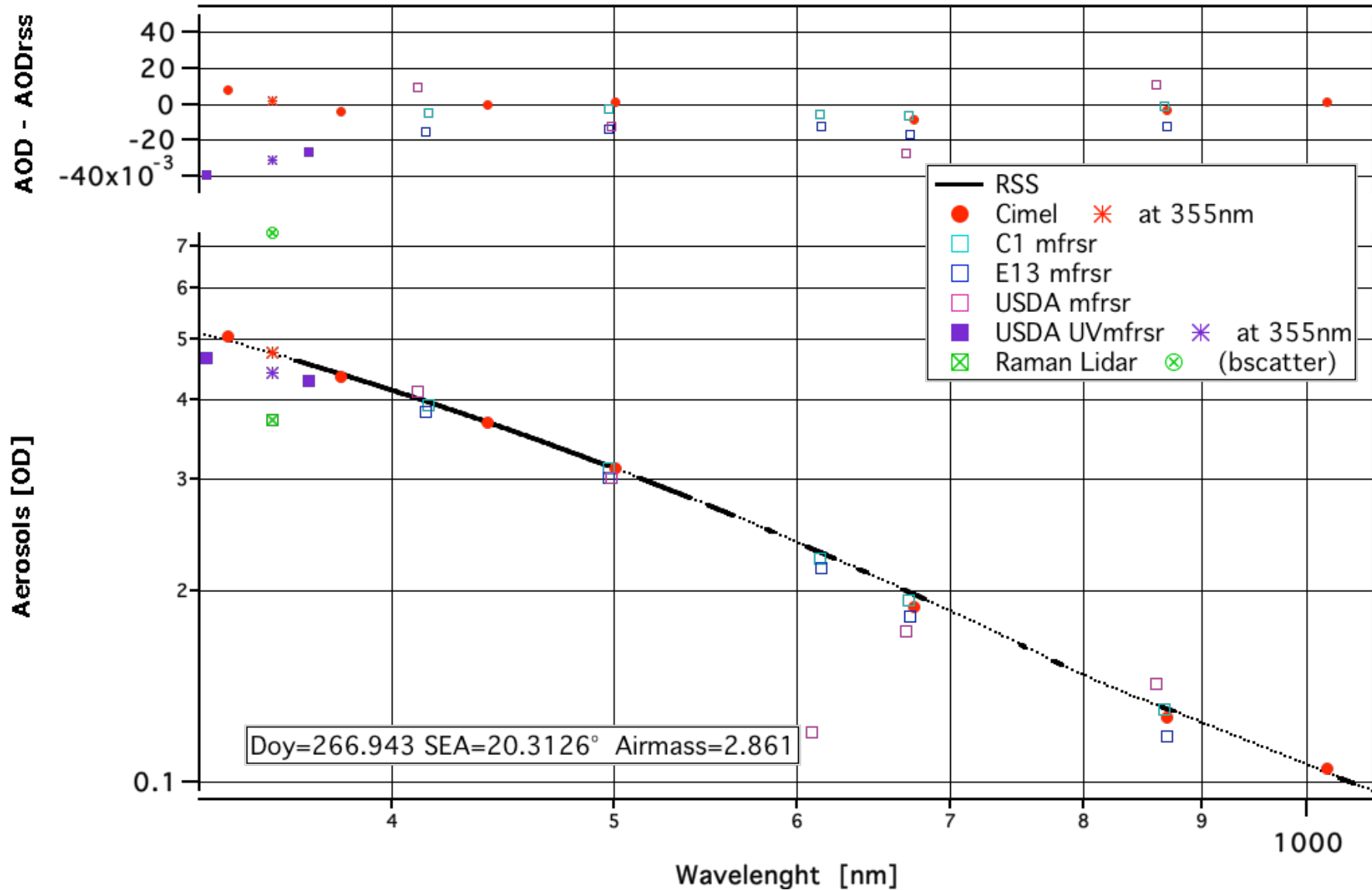
# Example of AOD from Seven Instruments



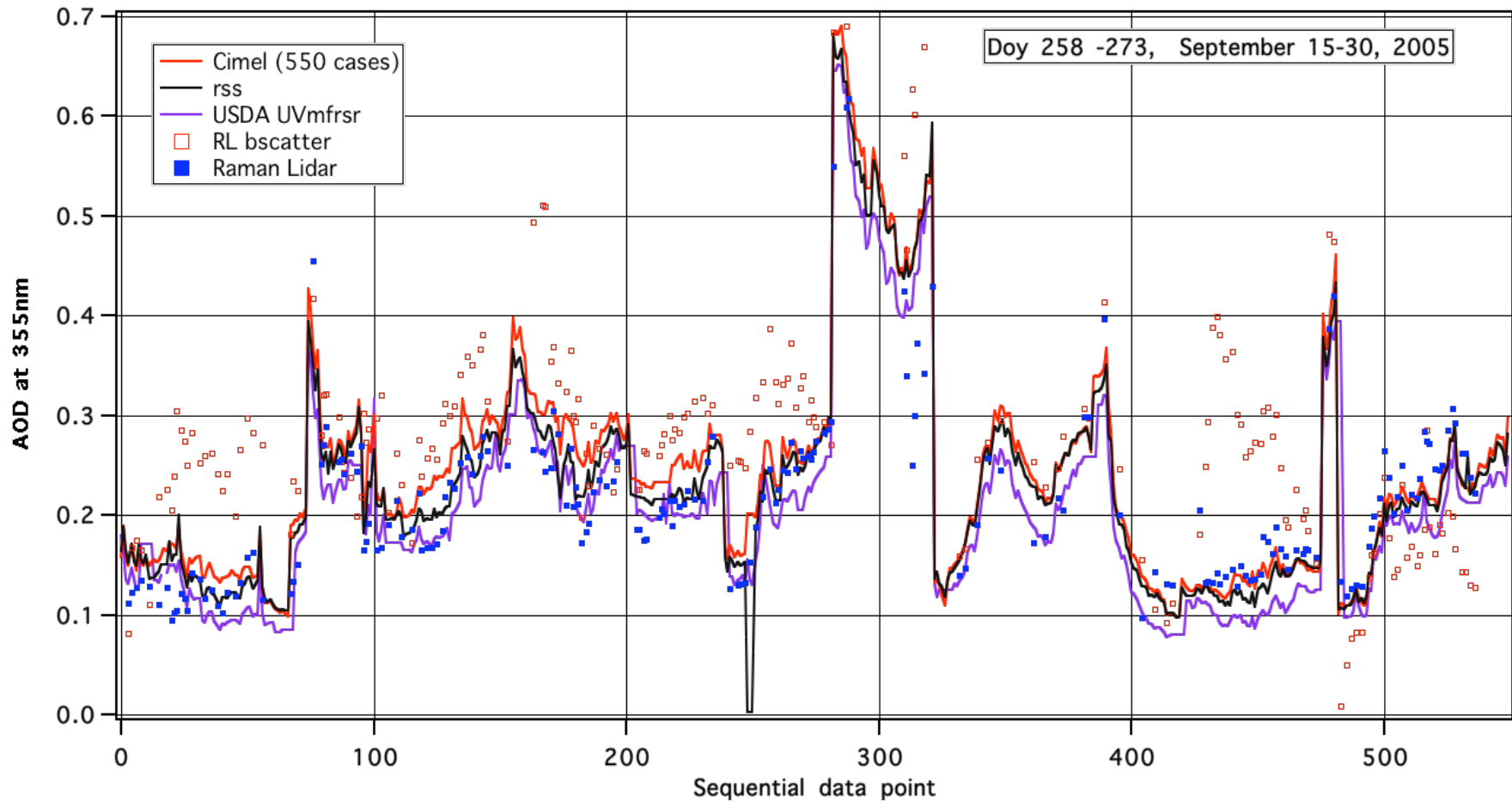
# Example of AOD from Seven Instruments



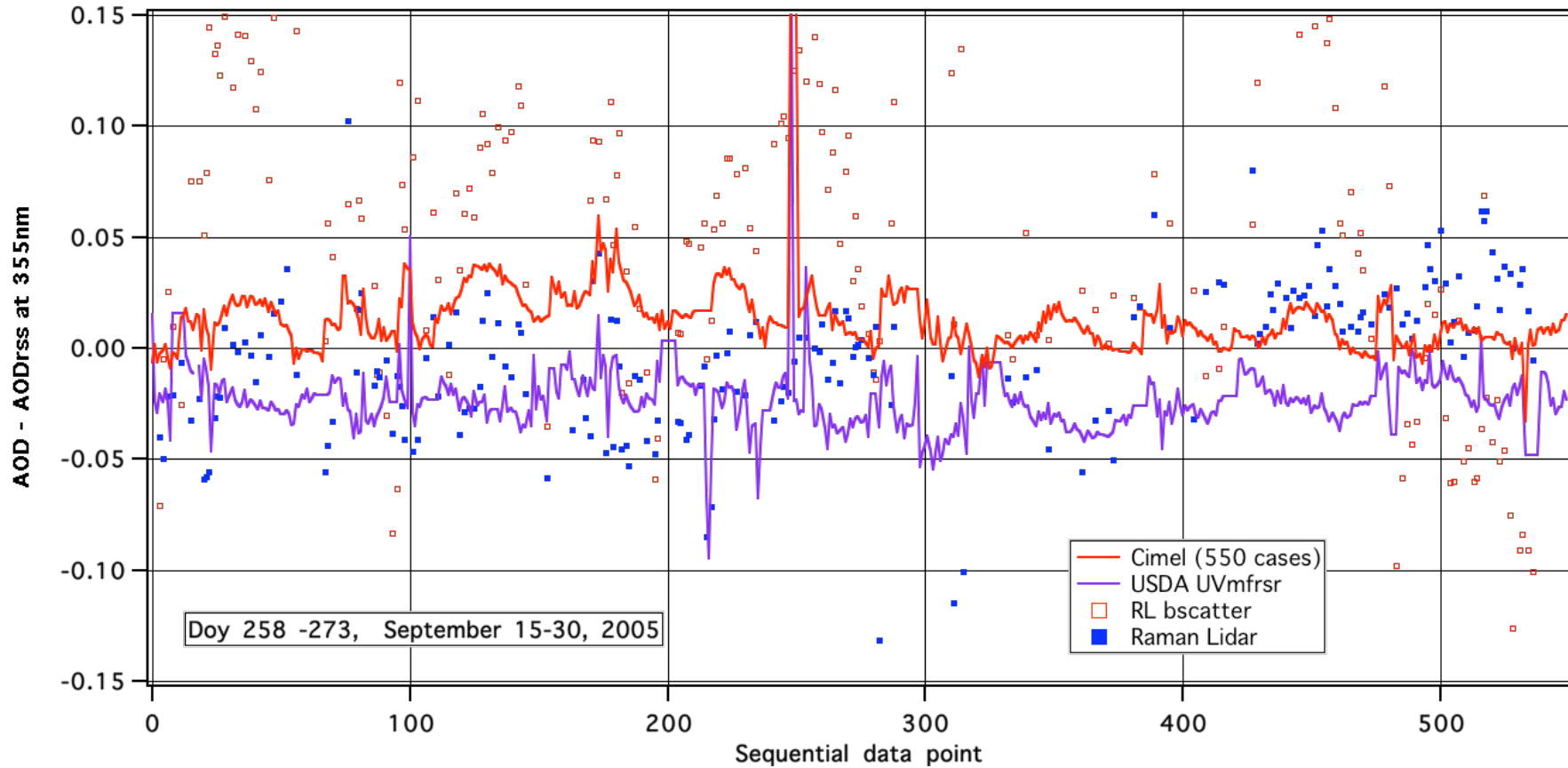
# Example of AOD from Seven Instruments



# AOD at 355nm from RL, Cimel, UV-MFRSR and RSS



# AOD at 355nm Compared with RSS



# Statistical Summary of AOD Comparison

