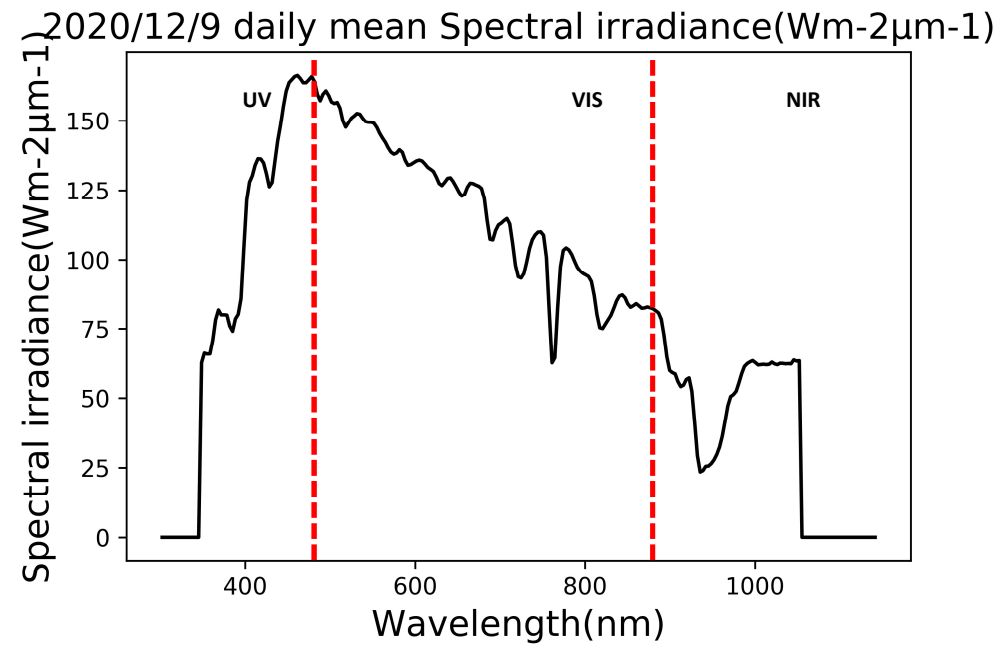


Chiba Campaign

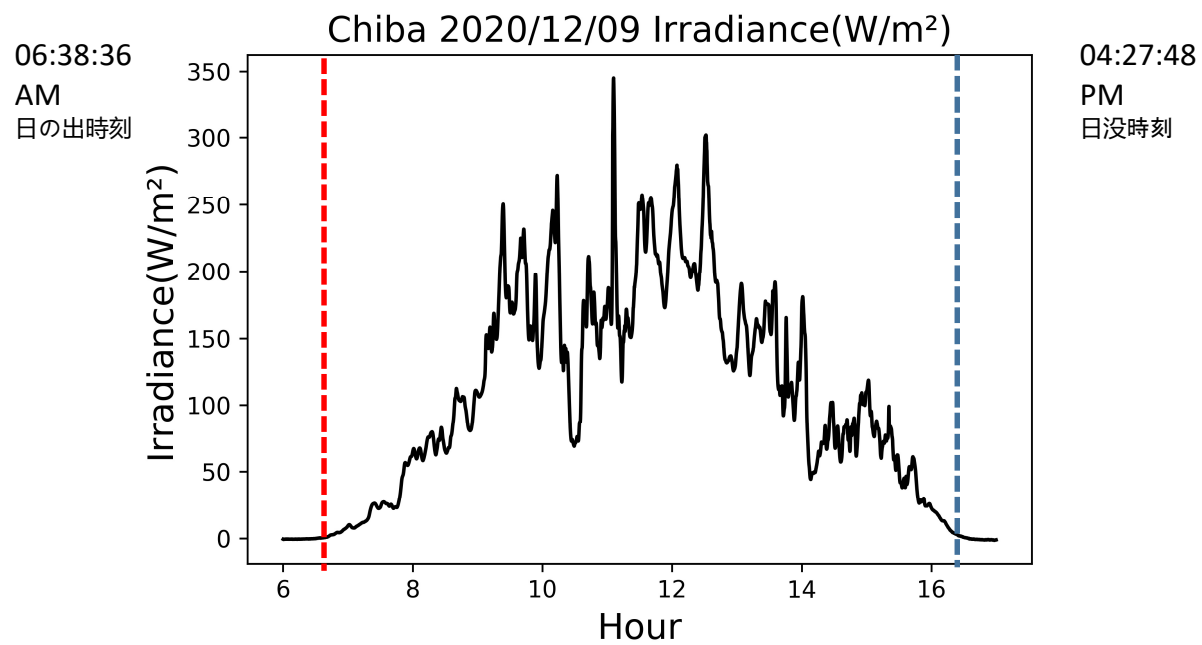
DAI YAJIE
12月10日更新

Spectral Irradiance(daily mean)

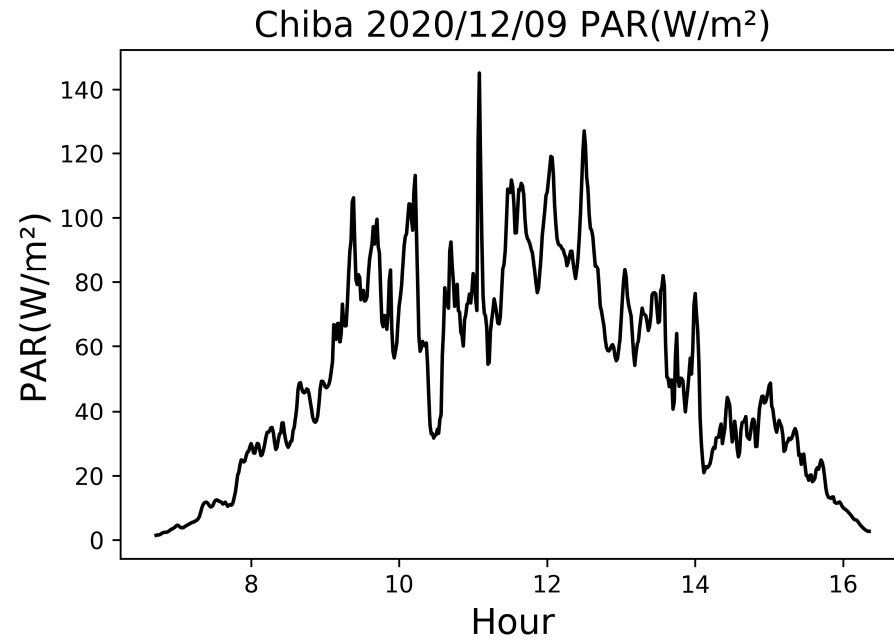
Wavelength(302.3nm~1141.5nm)



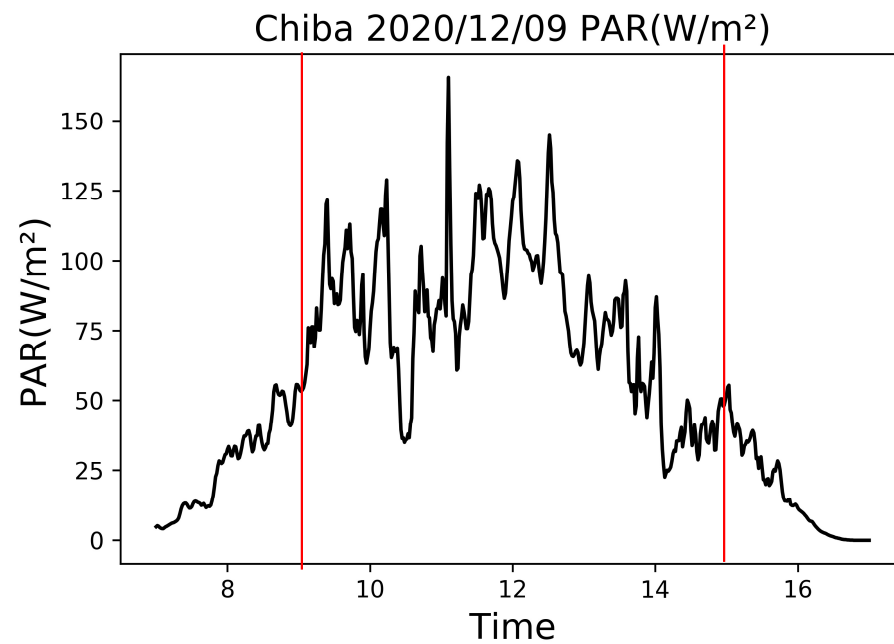
Global Irradiance



PAR(400nm-700nm)(by MS700)

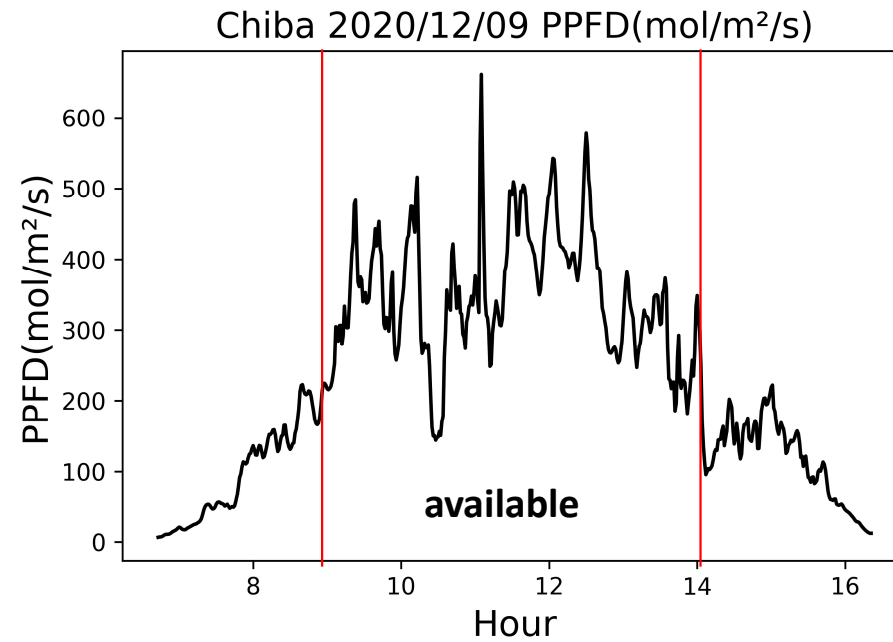


PAR(400nm-700nm)(by PAR-01D)



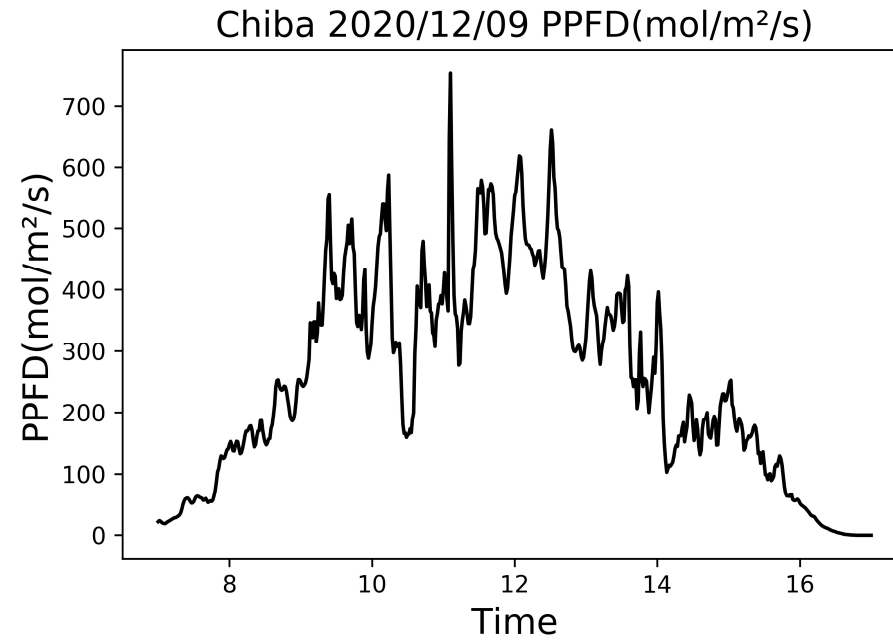
*The conversion formula only applies to solar zenith angles less than 60°

Photosynthetic Photon Flux Idensity(mol/m²/s)(MS700)

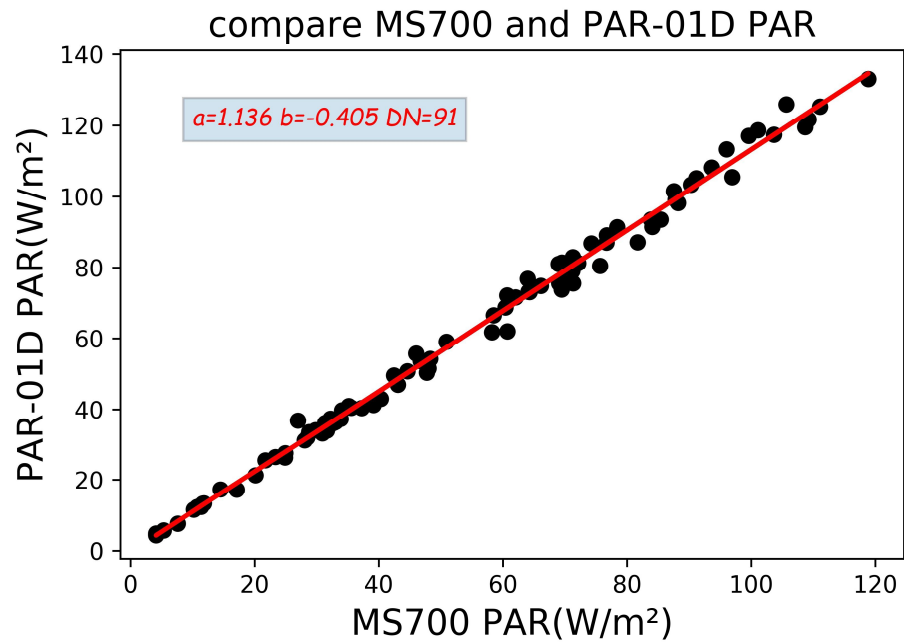


*The conversion formula only applies to solar zenith angles less than 60°

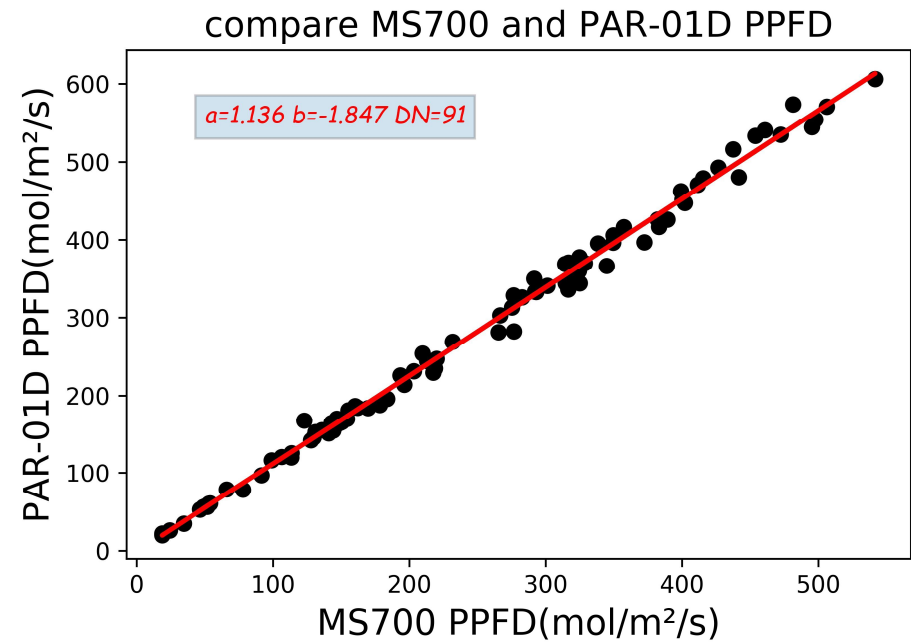
Photosynthetic Photon Flux Density($\text{mol}/\text{m}^2/\text{s}$)(PAR-01D)



Compare MS700 and PAR-01D



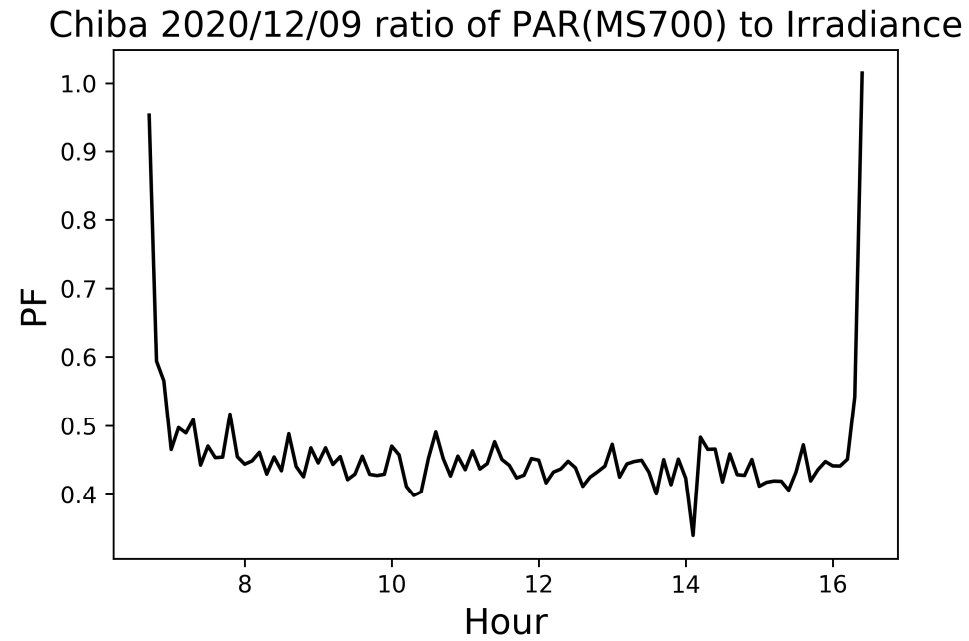
PAR-01D did convert



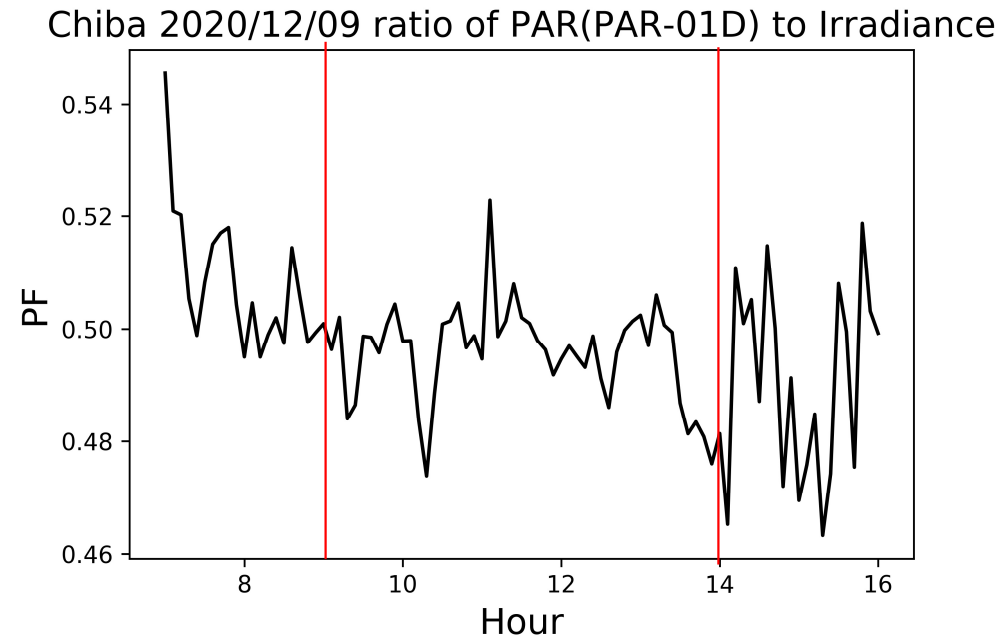
MS700 did convert

*The conversion formula only applies to solar zenith angles less than 60°

ratio of PAR to Irradiance(PF)(MS700)

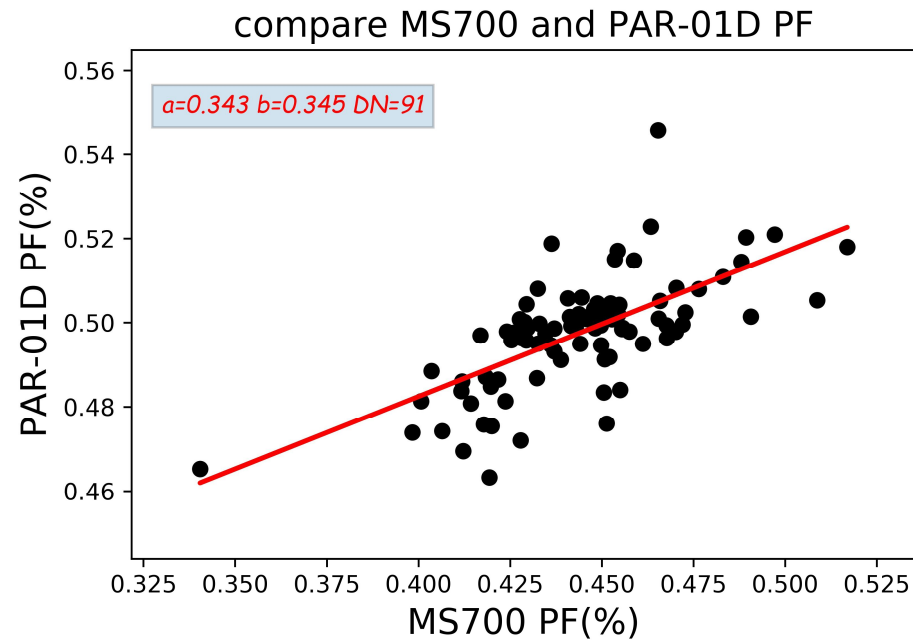


ratio of PAR to Irradiance(PF)(PAR-01D)



*The conversion formula only applies to solar zenith angles less than 60°

Compare MS700 and PAR-01D



PAR-01D did convert

PAR-01D is more overvalued than MS700 on average 5.29%

*The conversion formula only applies to solar zenith angles less than 60°