Atmospheric
Chemistry
and Physics

Corrigendum to

"Discrimination of biomass burning smoke and clouds in MAIAC algorithm" published in Atmos. Chem. Phys., 12, 9679–9686, 2012

A. Lyapustin[1]**, S. Korkin**[2]**, Y. Wang**[3]**, B. Quayle**[4]**, and I. Laszlo**[5]

[1]Laboratory for Atmospheres, NASA Goddard Space Flight Center, Greenbelt, Maryland, USA
[2]Universities Space Research Association, Columbia, Maryland, USA
[3]University of Maryland Baltimore County, Baltimore, Maryland, USA
[4]USDA Forest Service, Salt Lake City, Utah, USA
[5]NOAA/NESDIS/STAR, Camp Springs, Maryland, USA

Correspondence to: A. Lyapustin (alexei.i.lyapustin@nasa.gov)

In the recently published paper, the top plate of Fig. 2 showing absorption parameter is printed with error. The correct top plate of Fig. 2 is given below.
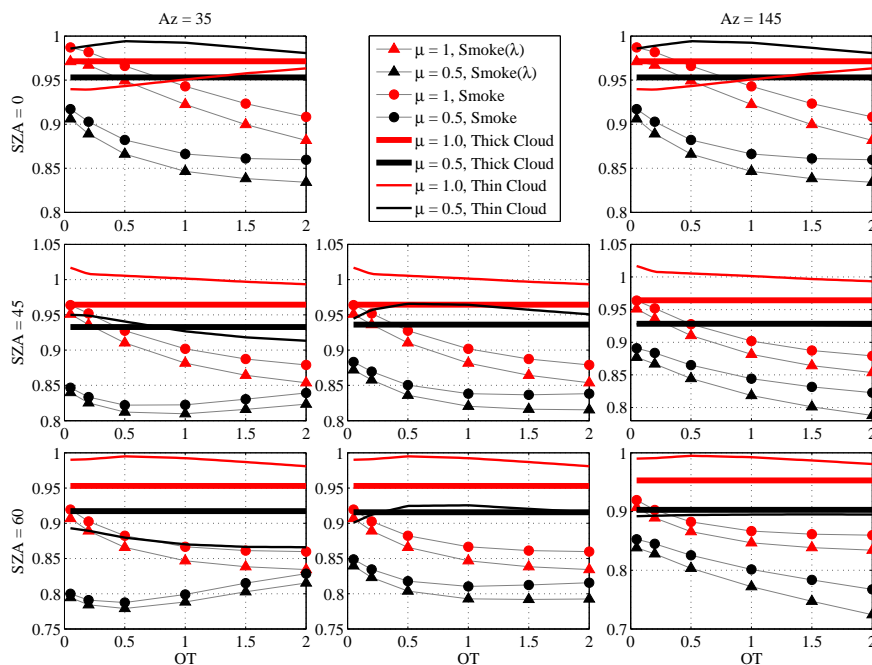

Fig. 2. Simulated Absorption Parameter (top) and Size Parameter (bottom) for different view geometries and optical thickness (OT) for absorbing aerosols (symbols) and clouds (lines). The rows show different solar zenith angles (SZA = 0, 45, 60°), and columns show different relative azimuths (φ = 35, 90, 145°). The red and black color represents different view zenith angles (μ = 1 and 0.5, respectively). The thick and thin lines show results for thick and thin (with given OT) clouds, respectively. The circles and triangles indicate aerosols with AAE∼2 (Aerosol (λ)) and spectrally independent imaginary refractive index (Aerosol), respectively. The parameters of simulations are provided in the text.