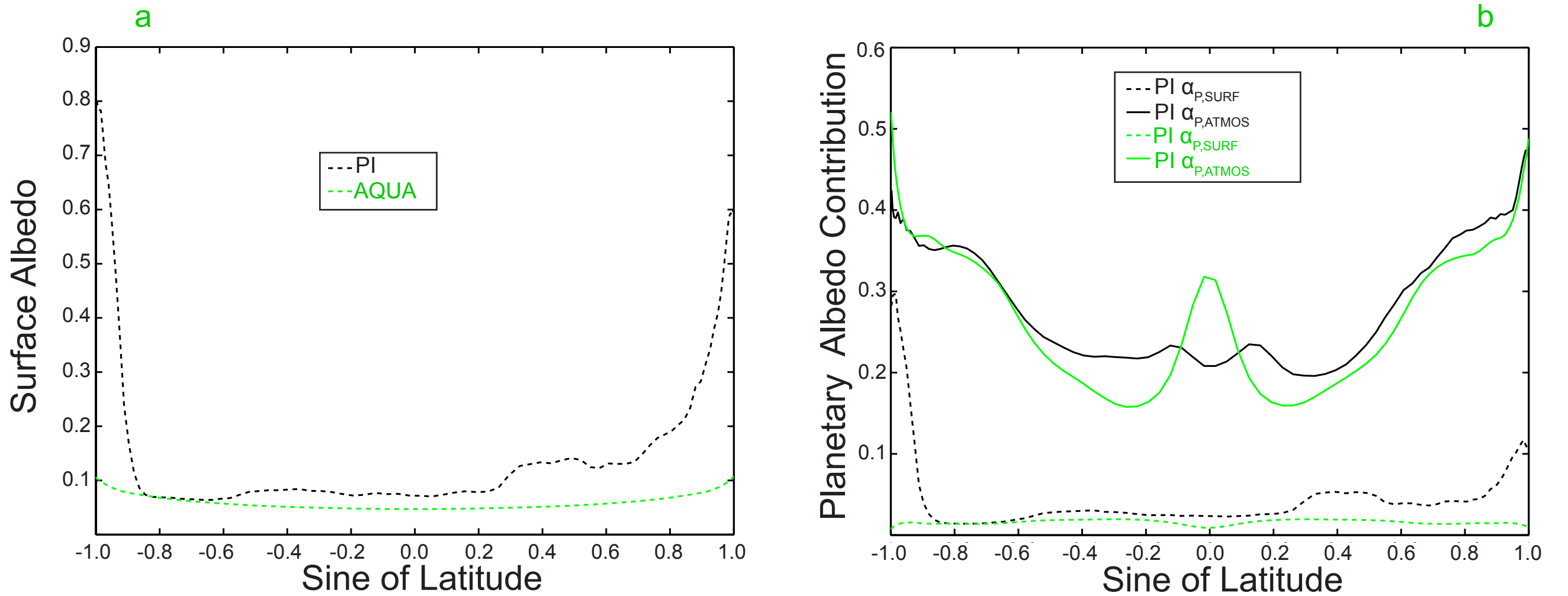


Figure C1. Observed annual mean (A) fraction of incident shortwave radiation absorbed in the atmosphere, (B) fraction of shortwave radiation incident at the TOA that is downwelled at the surface (C) plot A divided by B. (C) is approximately the contribution of atmospheric absorption to atmospheric opacity and values above 0.8 are indicated with a black cross.

GFDL Simulations



NCAR Simulations

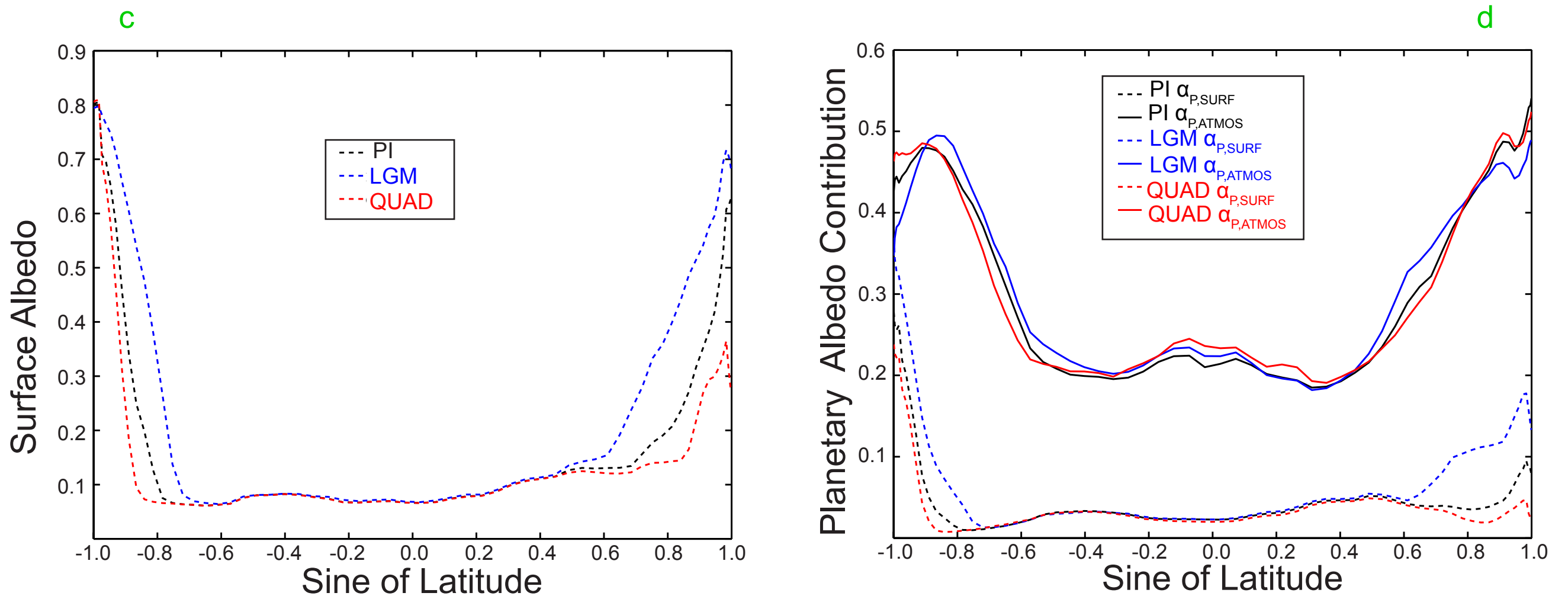


FIG 10. (a) Zonal average surface albedo in the GFDL simulations of the PI (black) and AQUA (green). (b) Zonal average $\alpha_{P,ATMOS}$ and $\alpha_{P,SURF}$ in the GFDL simulations of the PI (black) and AQUA (green). (c) and (d) as in (a) and (a) except for the NCAR simulations of the PI (black), QUAD (red), and LGM (blue).