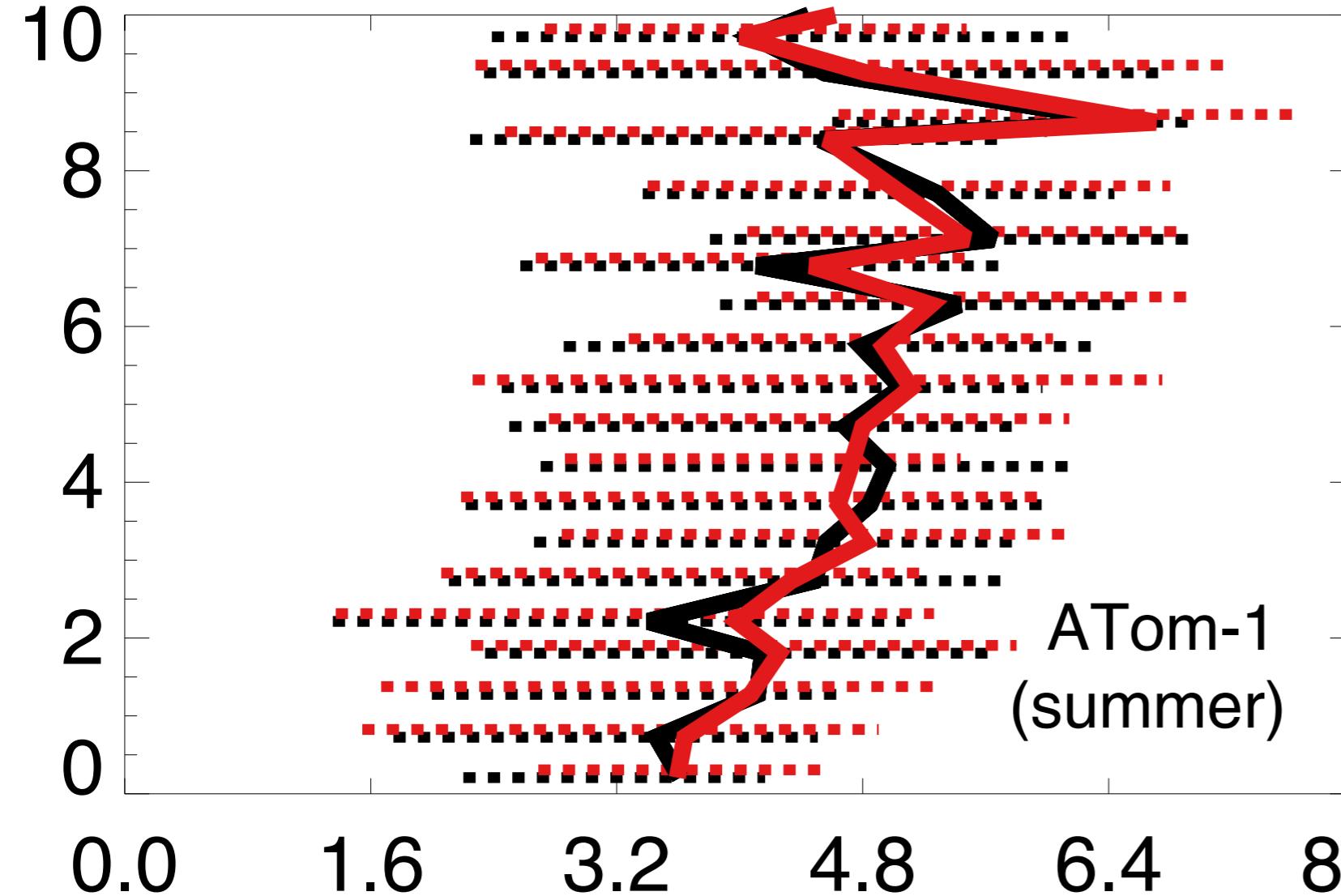
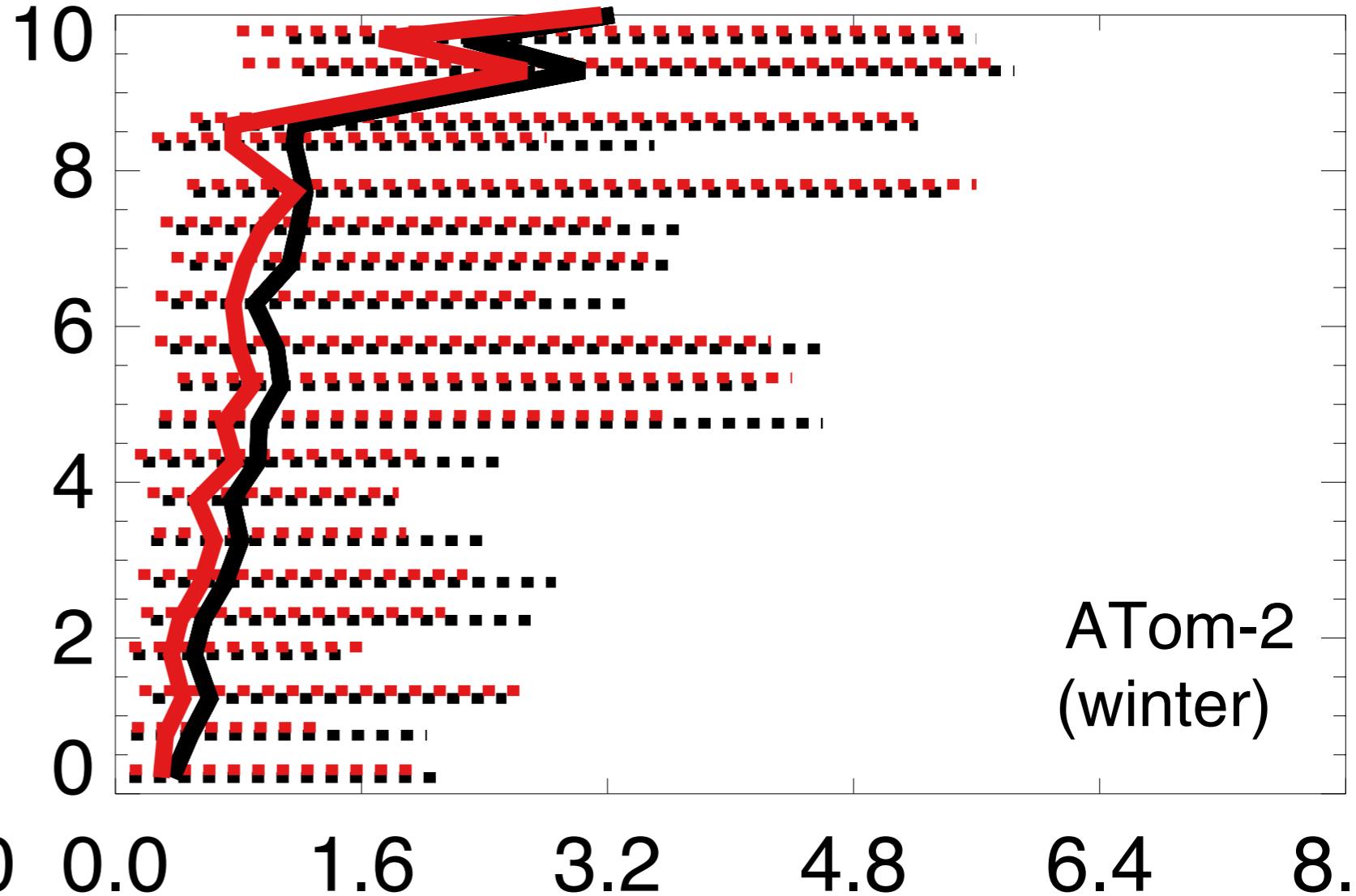


Northern Hemisphere

Altitude, km

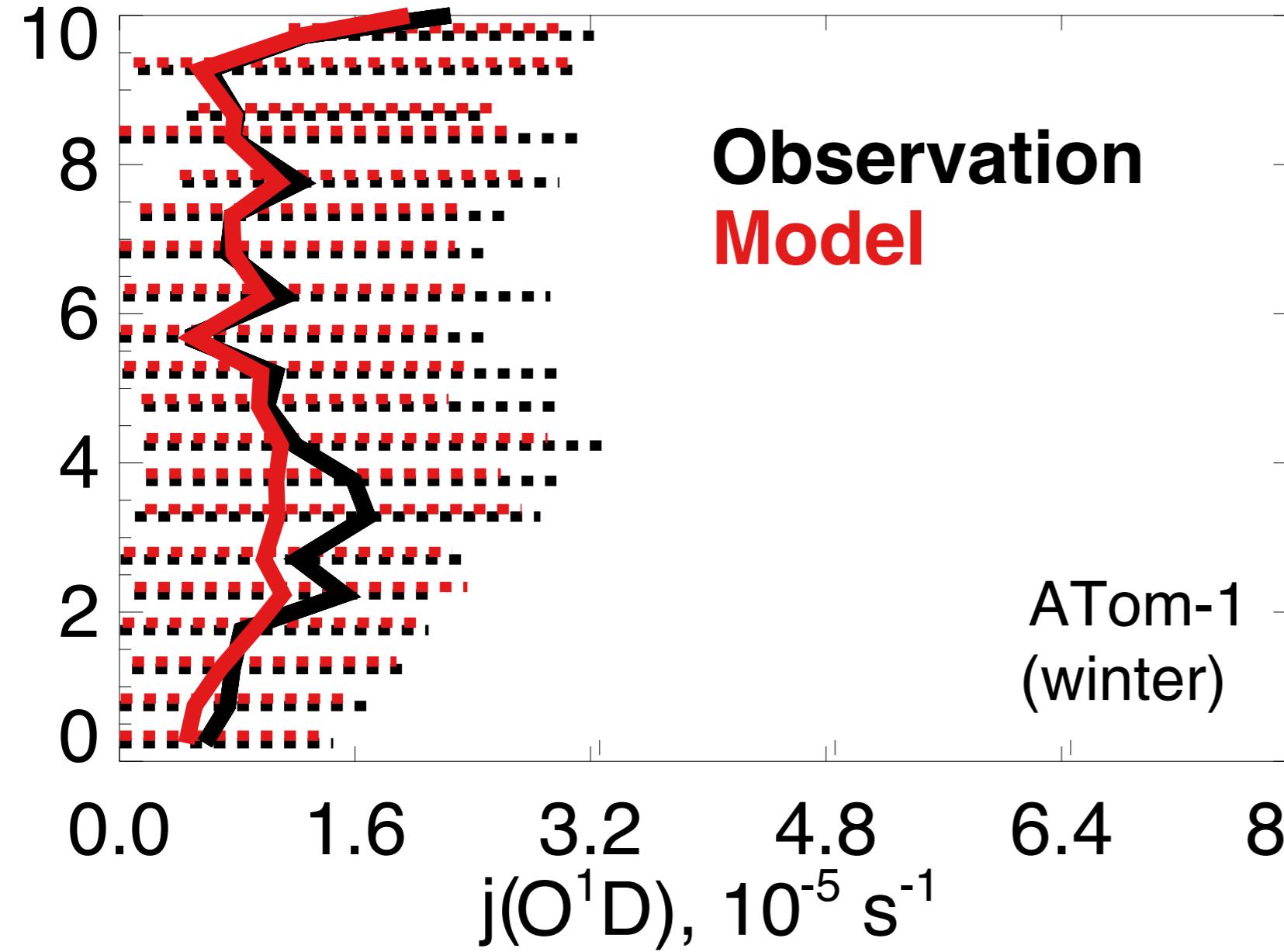


Northern Hemisphere



Southern Hemisphere

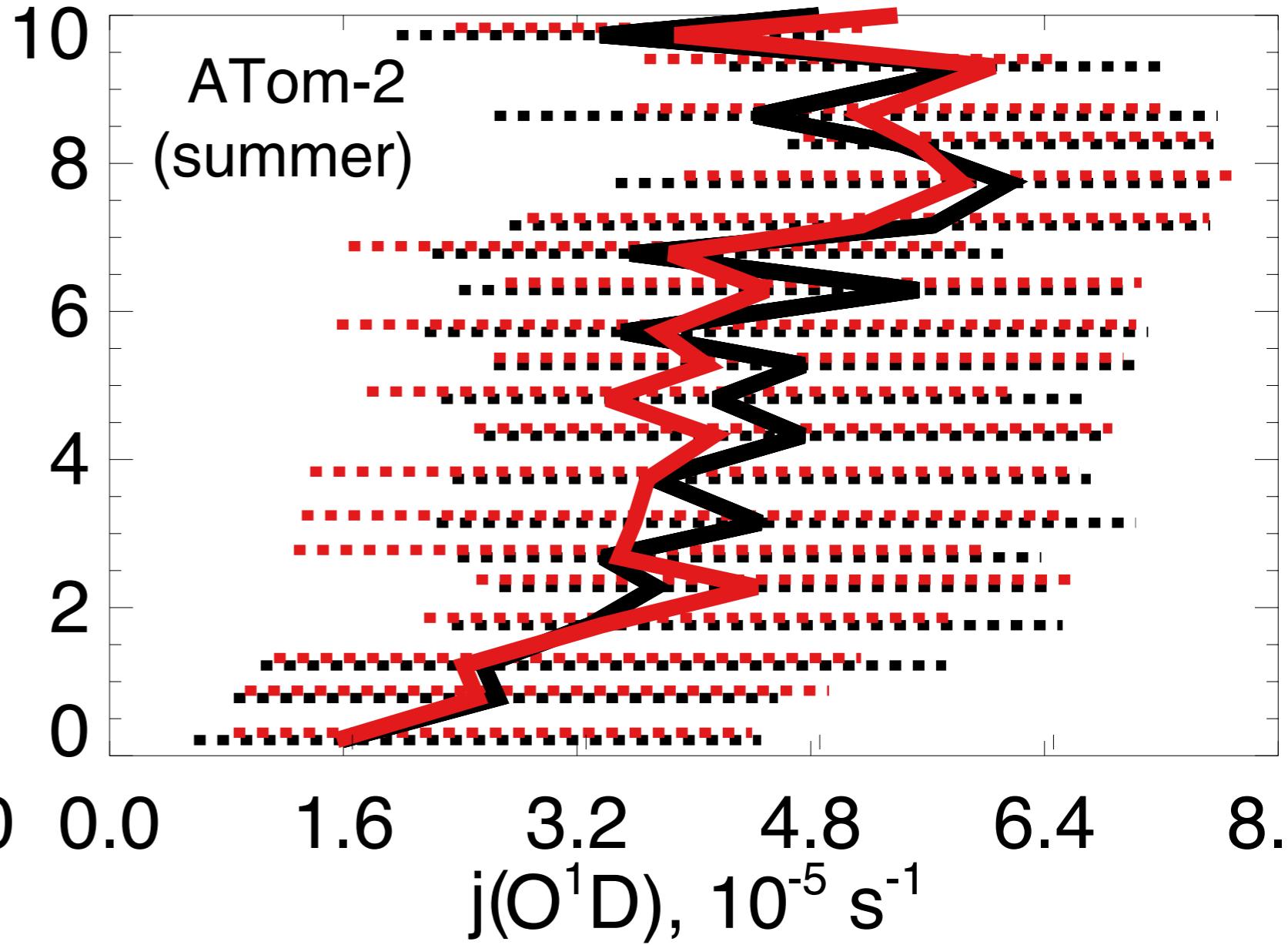
Altitude, km



Observation
Model

ATom-1
(winter)

Southern Hemisphere



ATom-2
(summer)

$j(O^1D)$, $10^{-5} s^{-1}$