

What controls the 3D distribution of water vapor isotopic composition in China



Fig.2 Scatterplot of observed vapor δ^2 H values versus specific humidity (q, g/kg). The solid black curves show the Rayleigh distillation line calculated for the initial conditions of $\delta^2 H_0 = -50\%$ at T=15 °C.

Fig.4 Comparison of observed vapor δ^{18} O (observations) with outputs of Iso-GSM during the pre-monsoon period (a) and monsoon period (b).