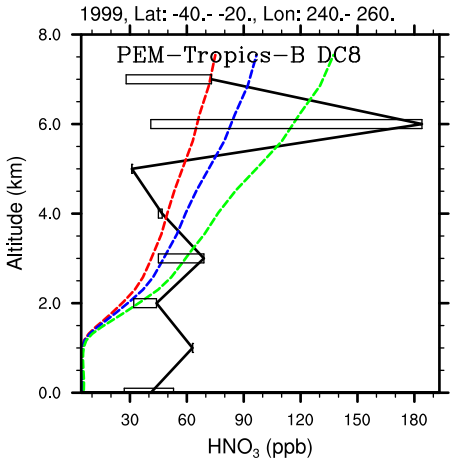Southern Hemisphere MAM HNO_3