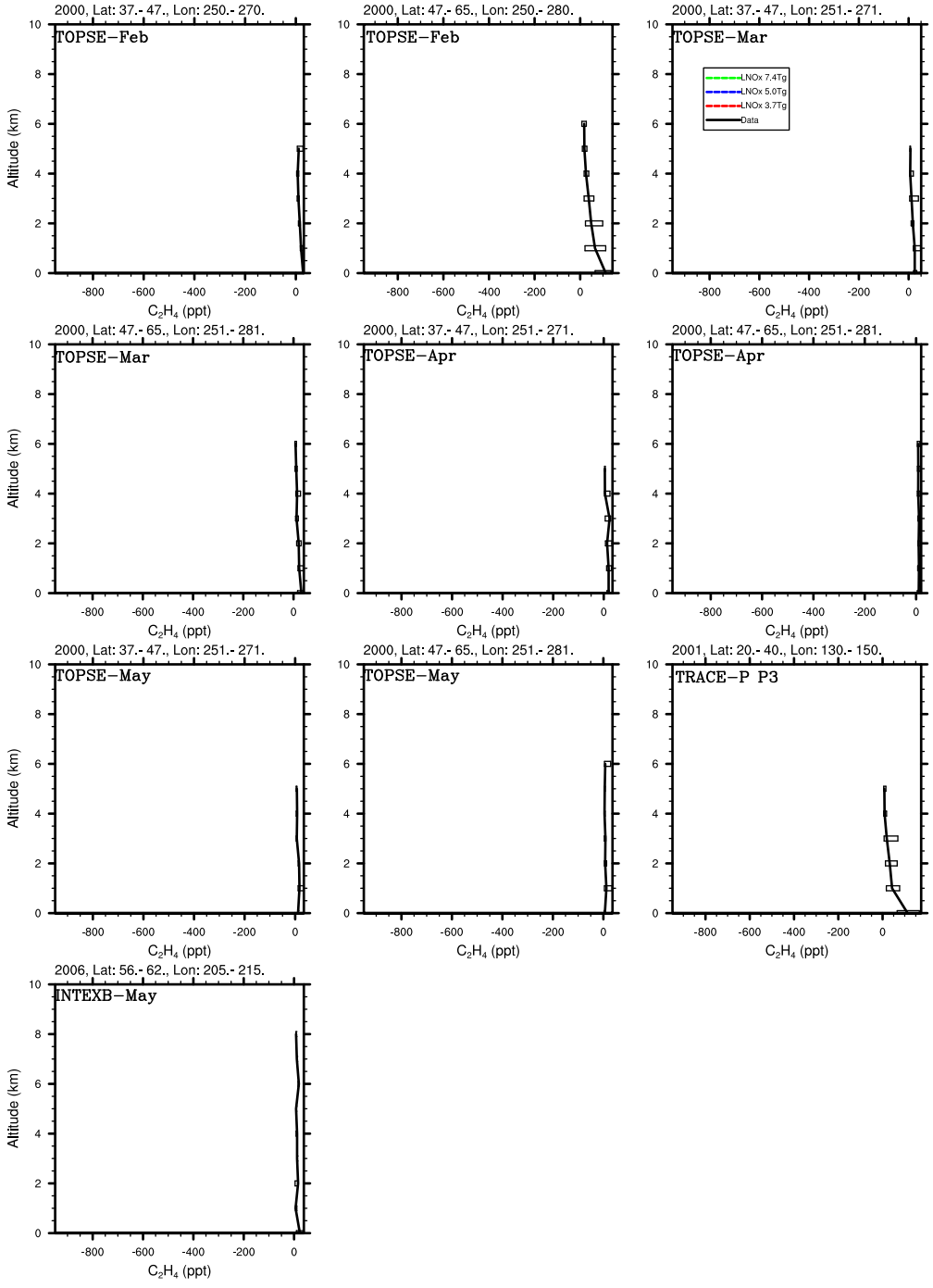Northern Hemisphere Midlat MAM C_2H_4