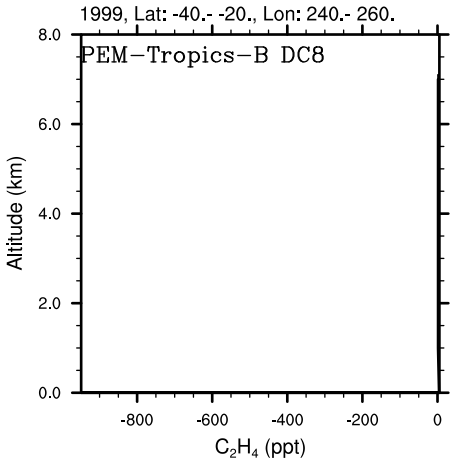Southern Hemisphere MAM C_2H_4