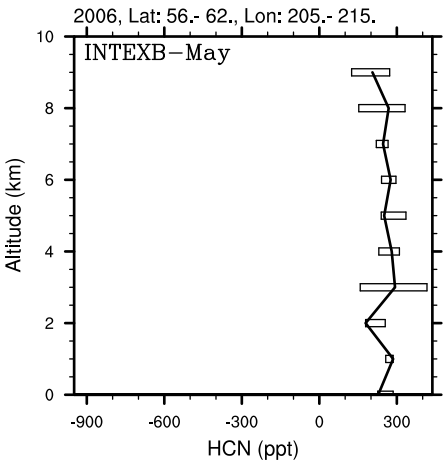Northern Hemisphere Midlat MAM HCN