

These are the Pe/Pi ratios for the new bins (NRL short wavelength +SQ bins) for three solar zenith angles. For the new NRL bins (in red), I have added the total SQ pe/pi ratios in black generated by the PE model.

For example:

wv_lo	wv_hi	
0.5	1.0	NRL
1.0	1.5	
1.5	2.0	
2.0	2.5	
2.5	3.0	
3.0	4.0	
0.5	4.0	SQ'05

Also for both the X9 and M5 flare, the pe/pi ratios are the same, so I showed here the case of X9 flare

x9 flare

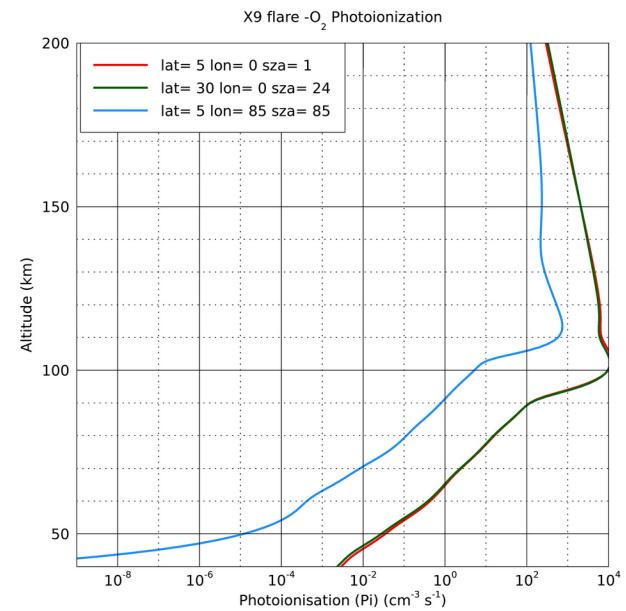
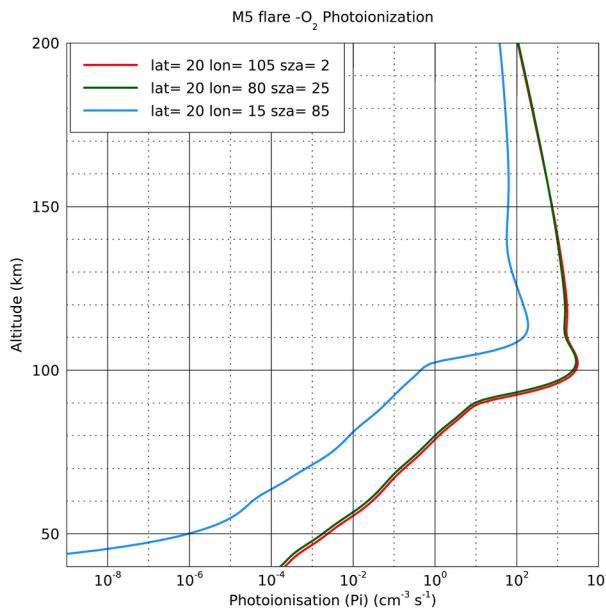
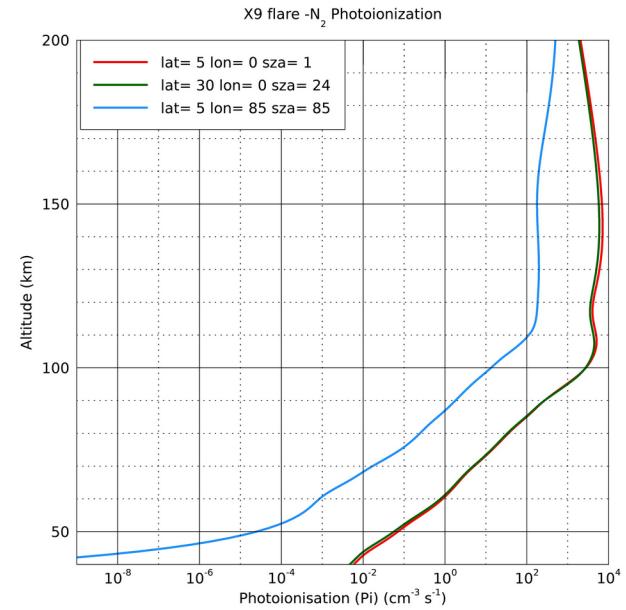
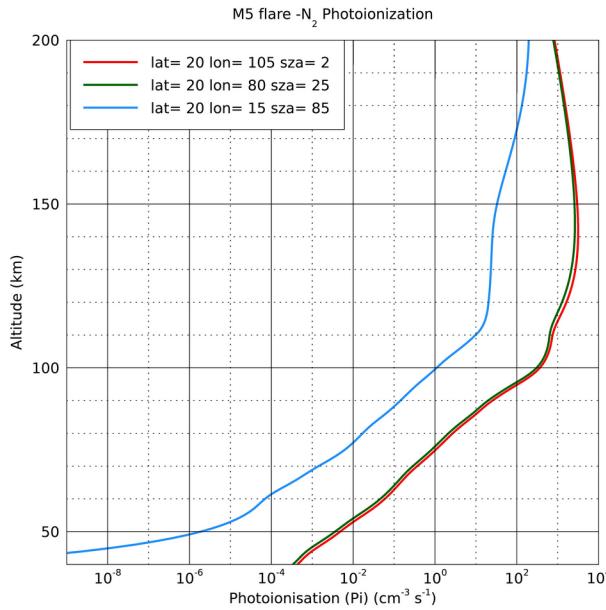
0:

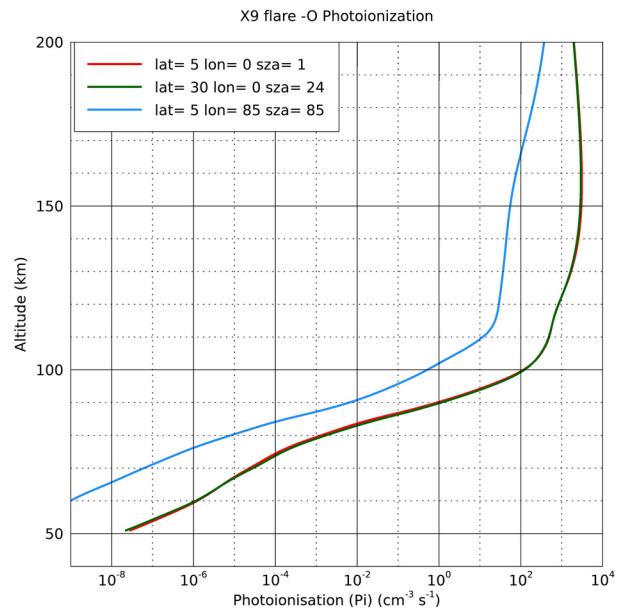
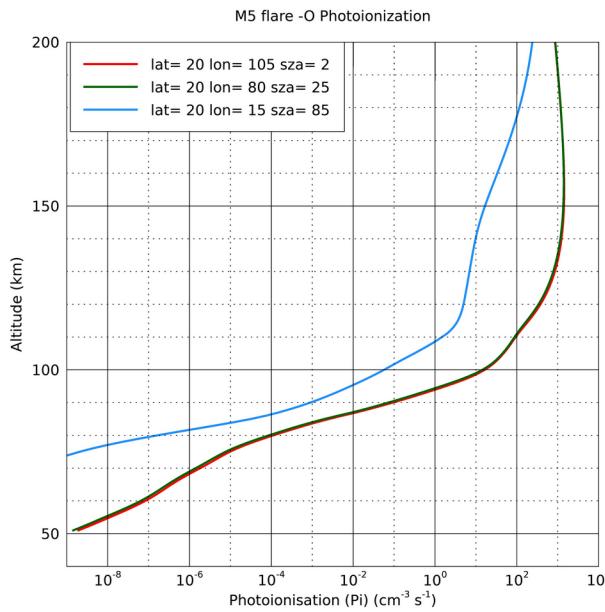
02:

N2 :

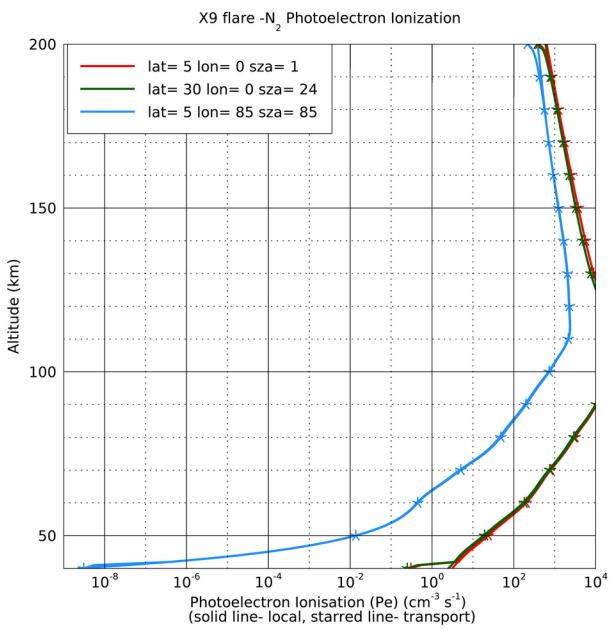
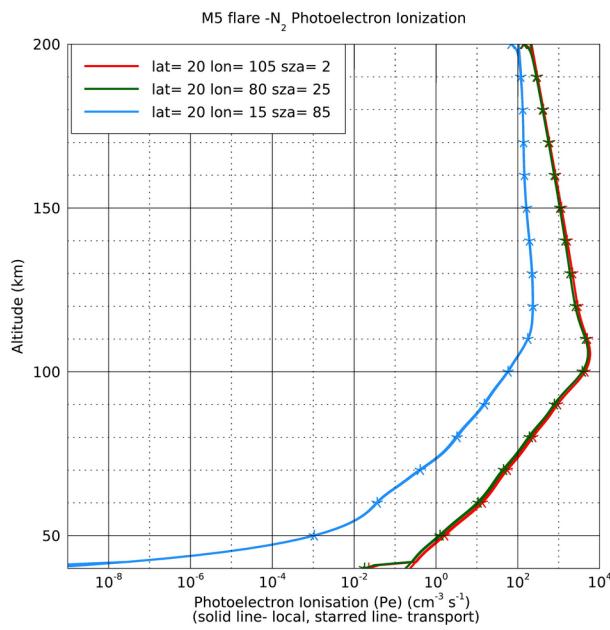
Plots for NRL new bins with SQ'05 bins added 18 angstrom

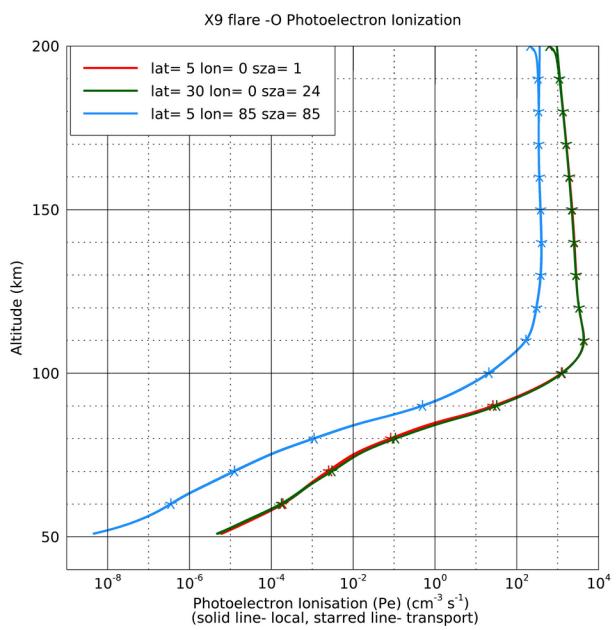
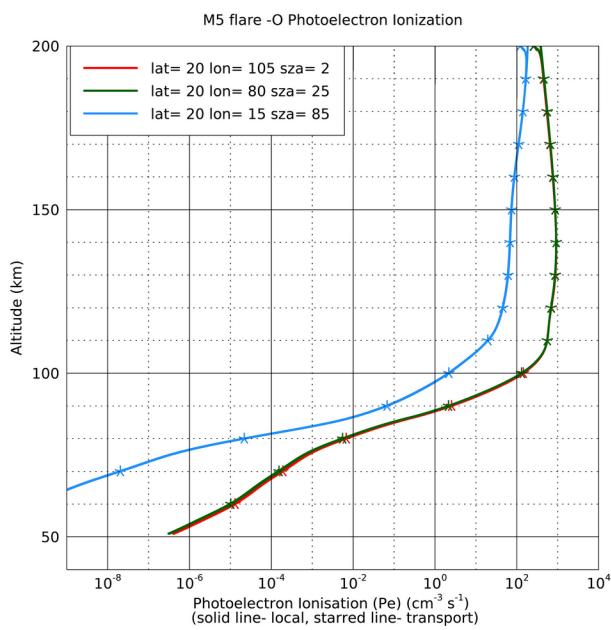
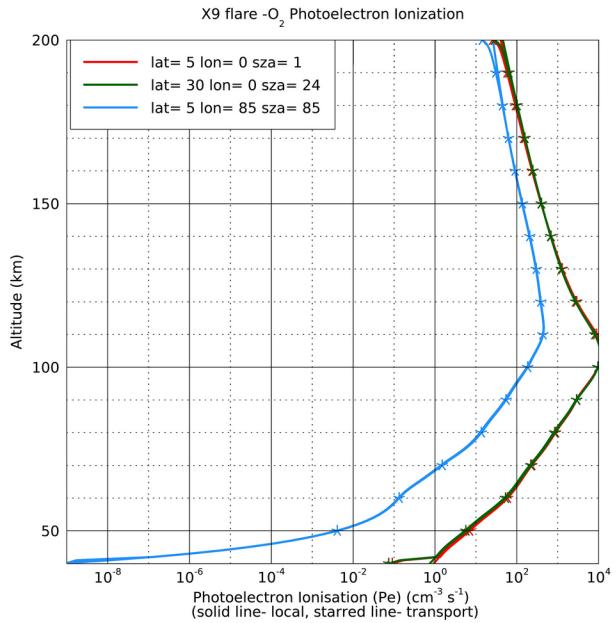
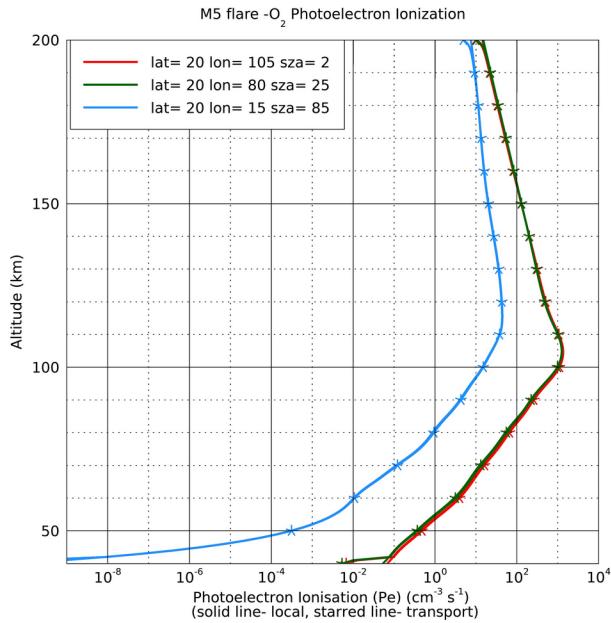
Photoionisation



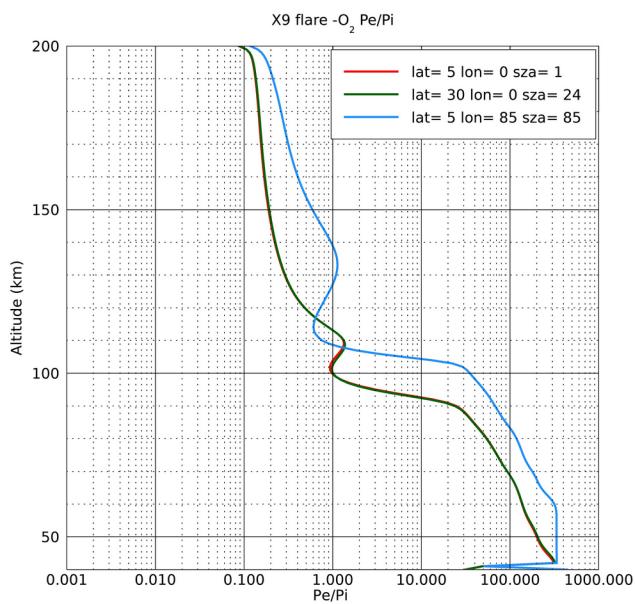
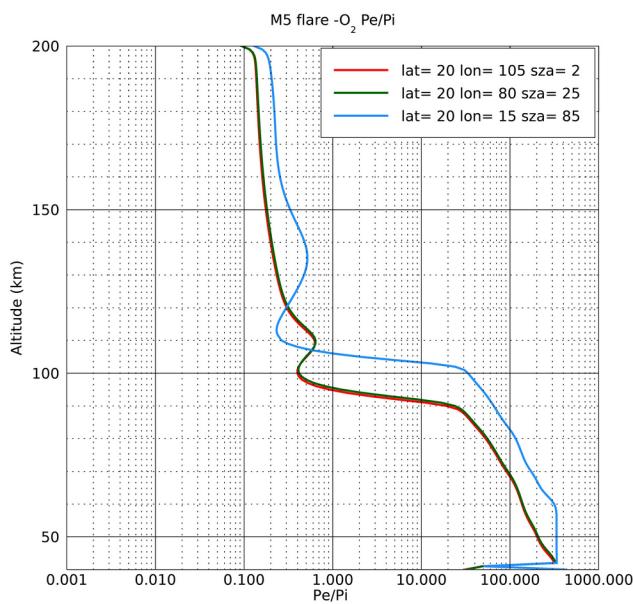
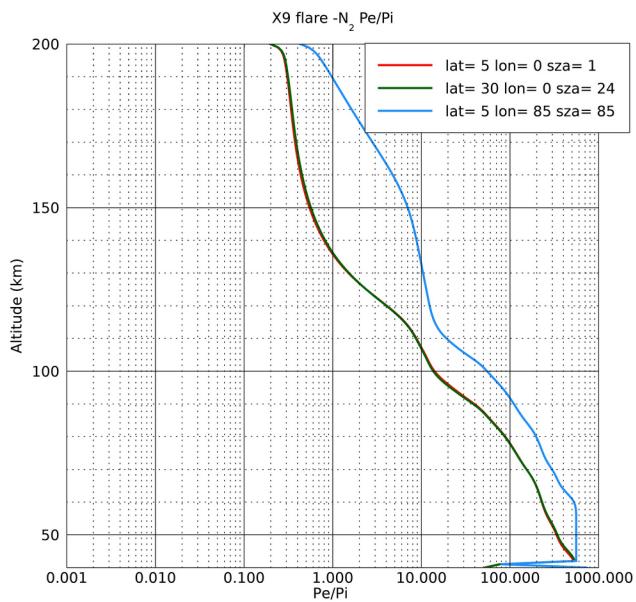
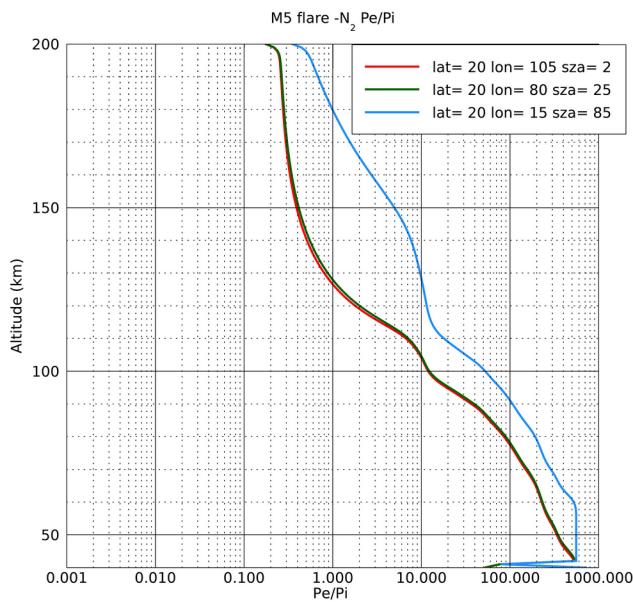


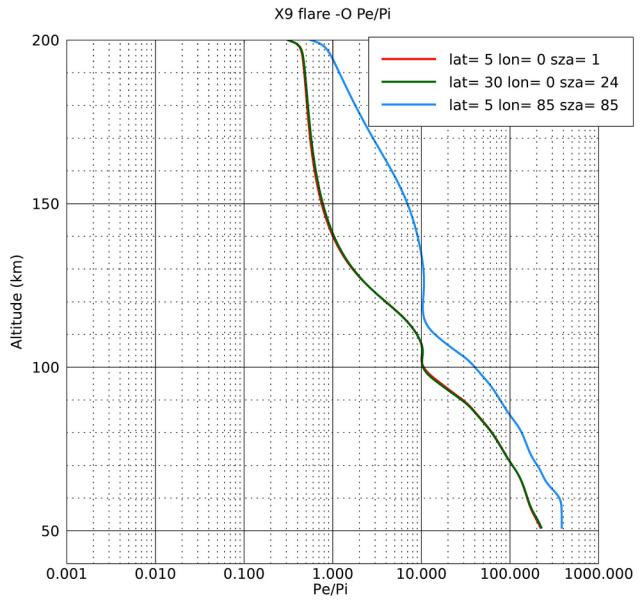
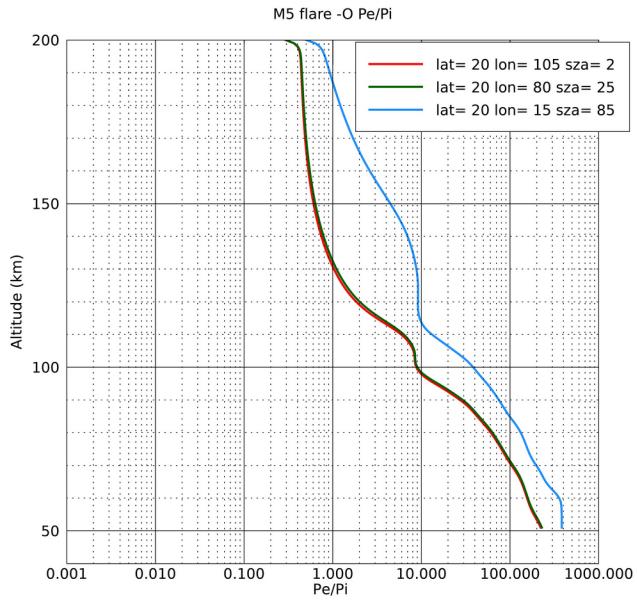
Photoelectron Ionisation





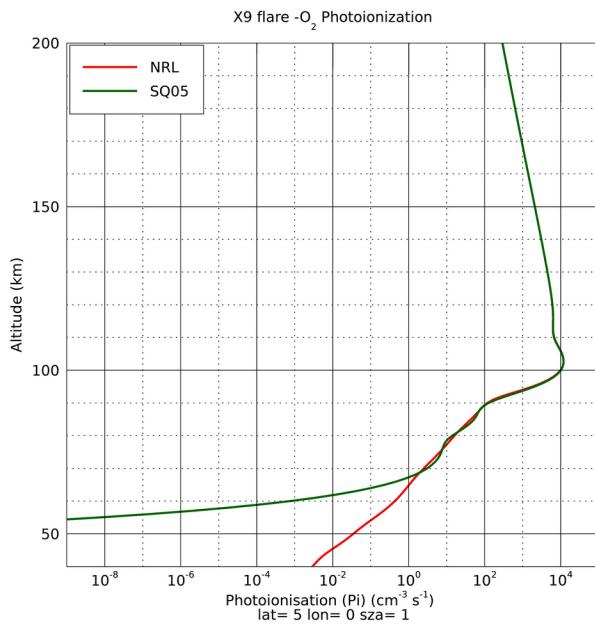
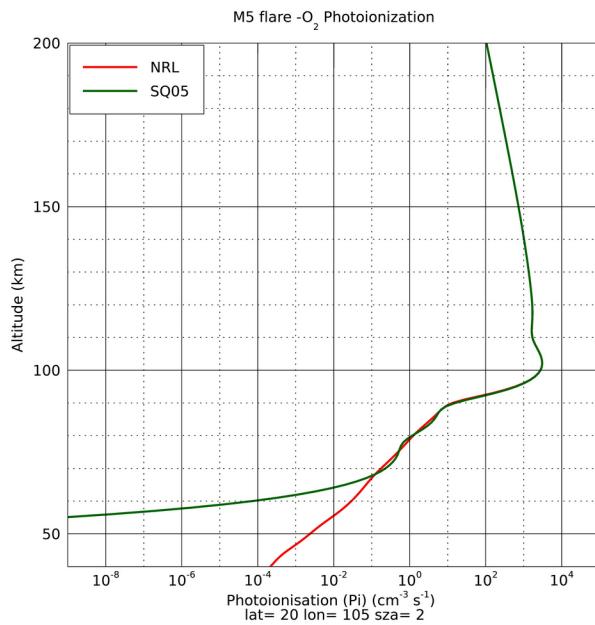
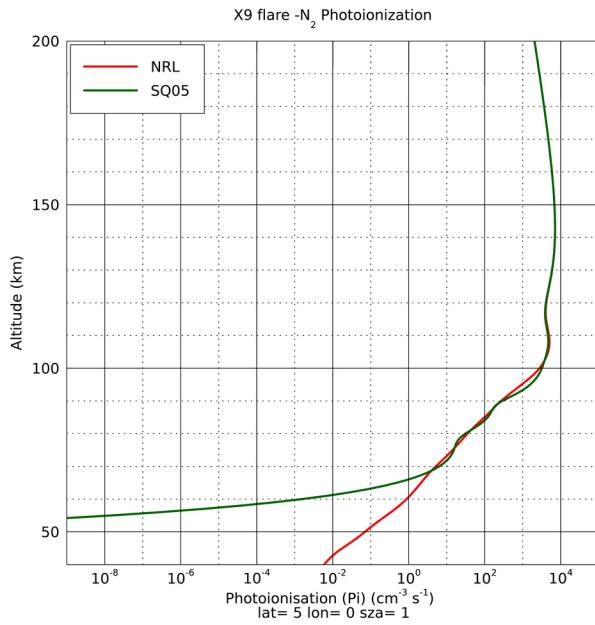
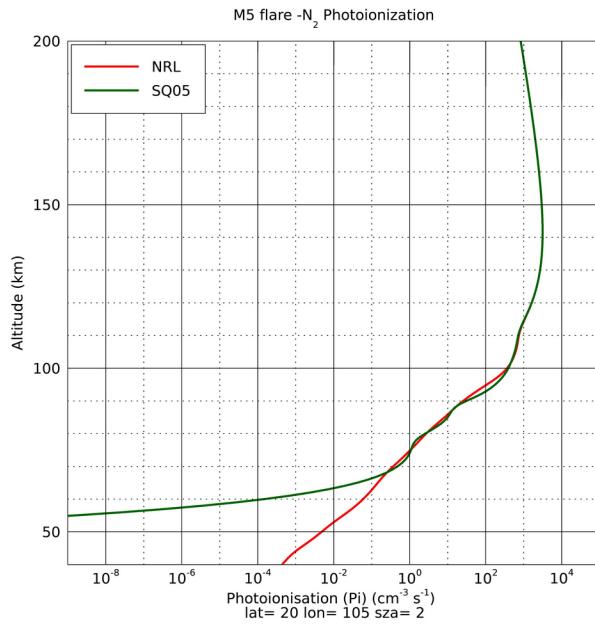
Pe/Pi ratio

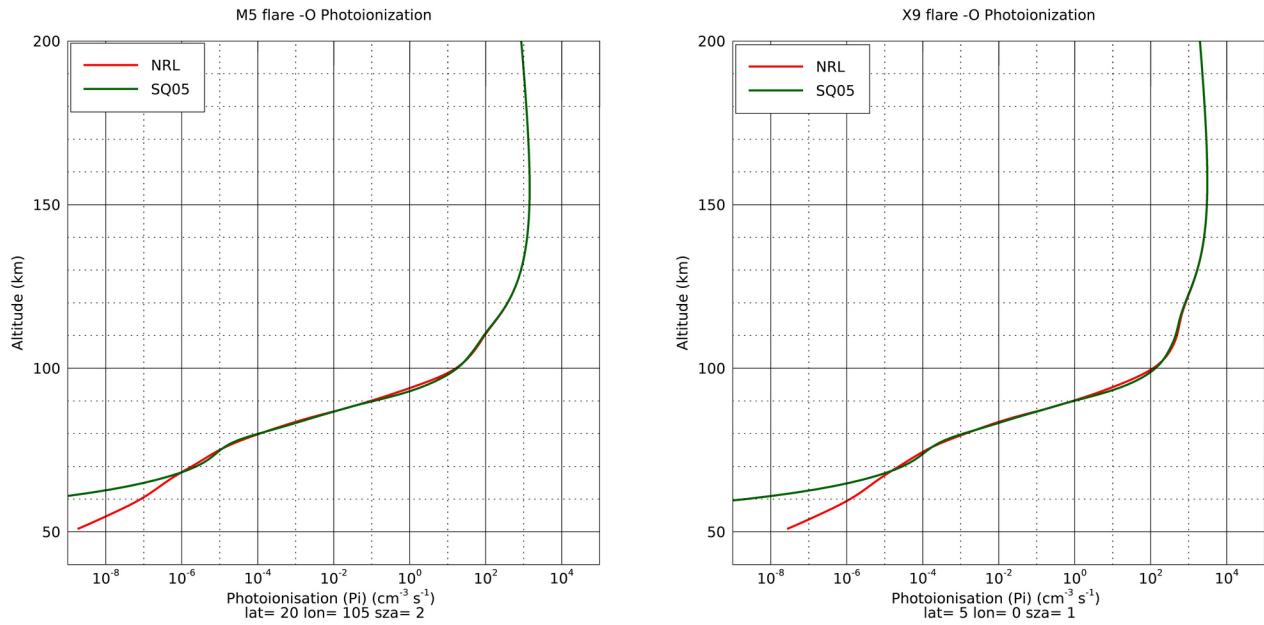




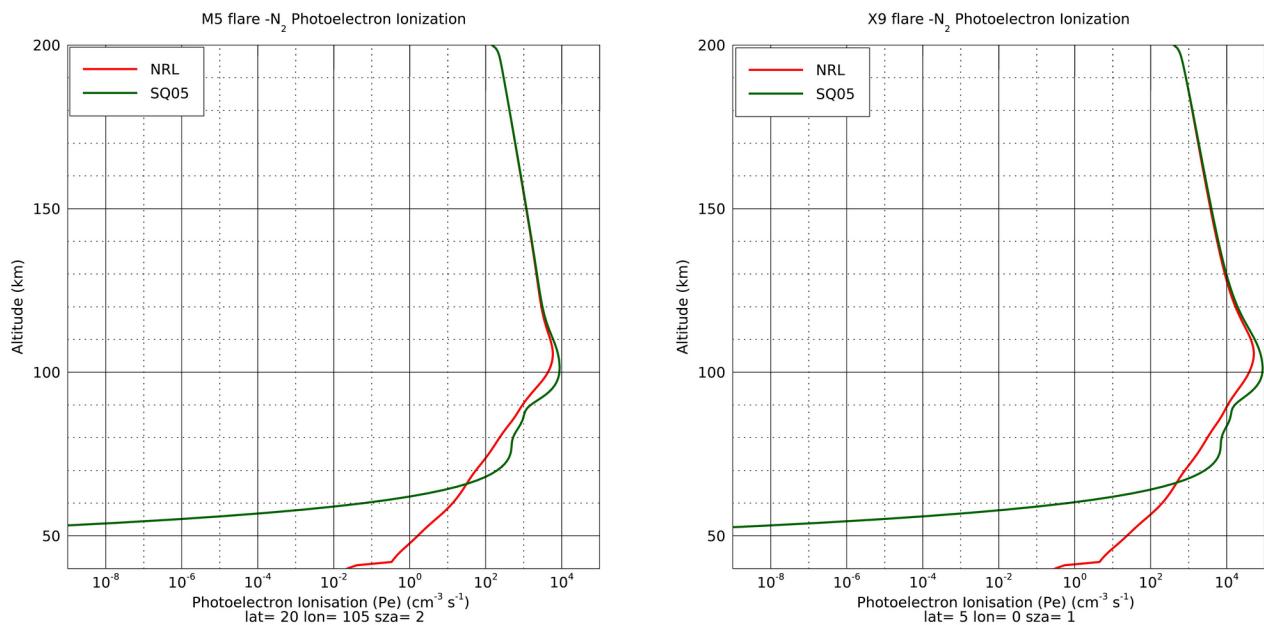
Comparisons of new NRL bins with SQ'05 bins for low zenith angle

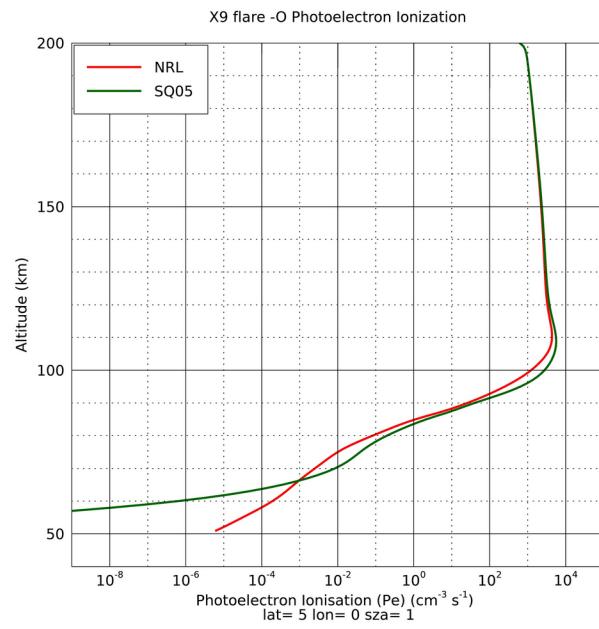
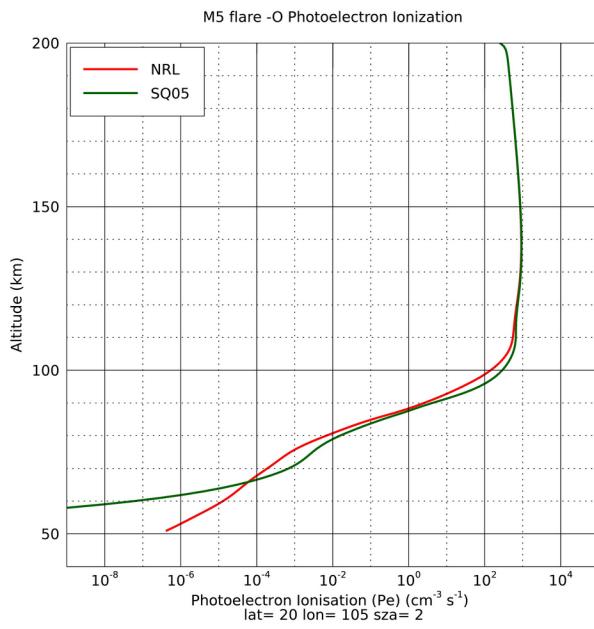
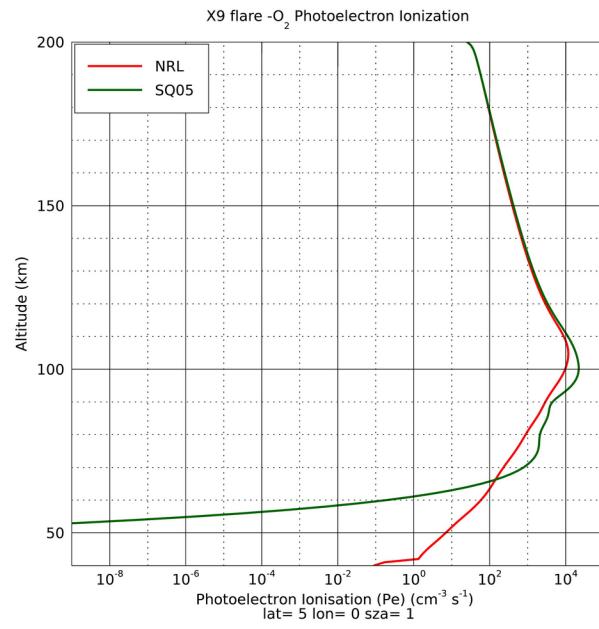
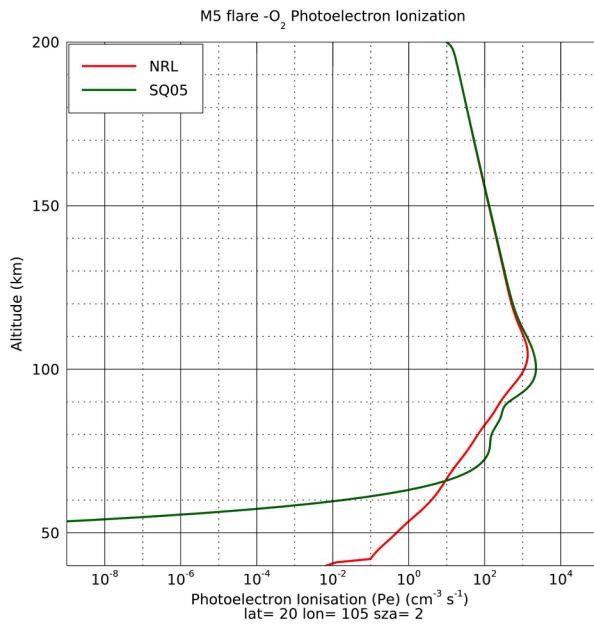
Photoionisation





Photoelectron Ionisation





Pe/Pi ratio

