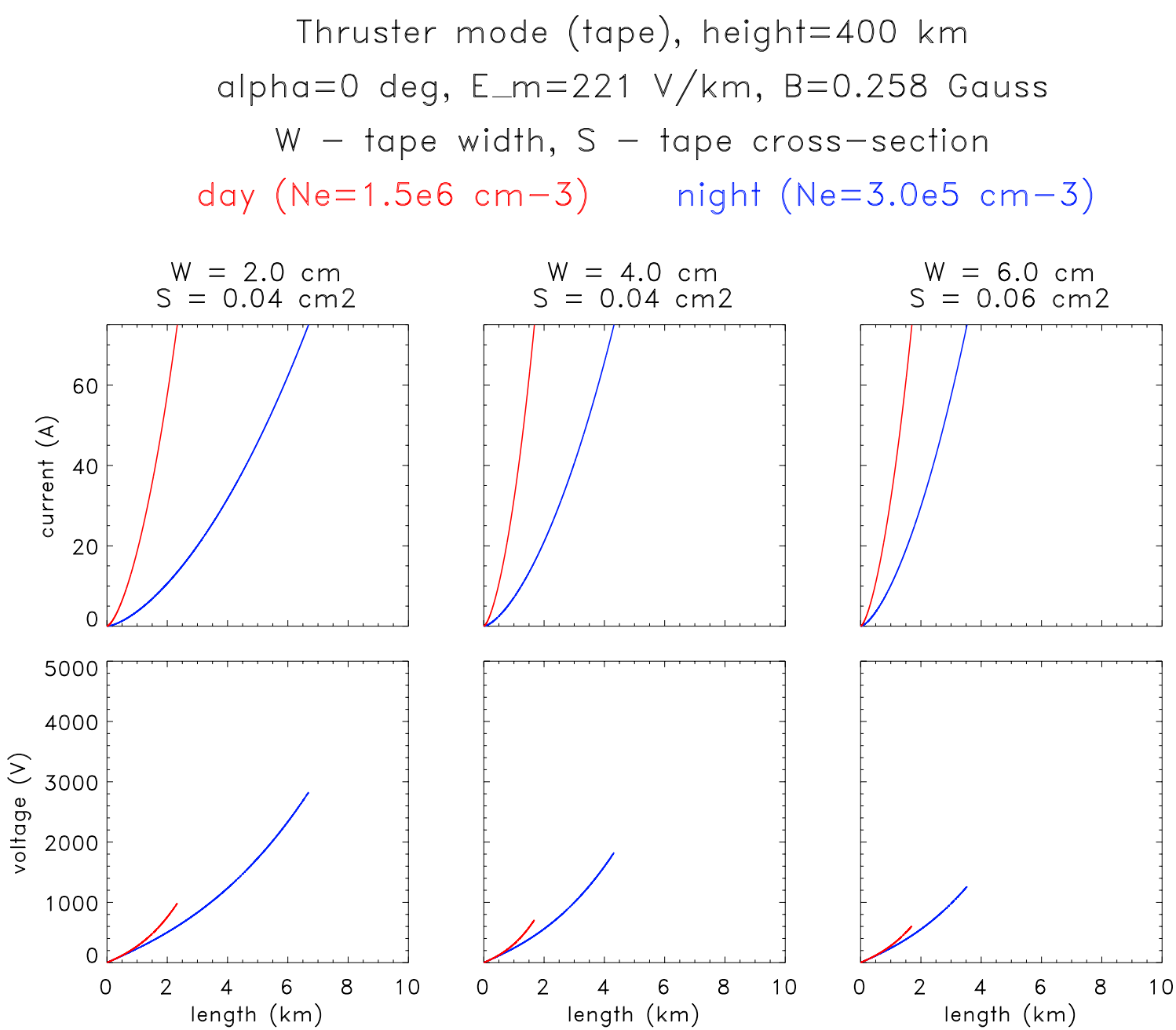
Thruster mode (tape), height=400 km
alpha=0 deg, E_m=221 V/km, B=0.258 Gauss
W – tape width, S – tape cross-section
day (Ne=1.5e6 cm-3)
night (Ne=3.0e5 cm-3)
W = 2.0 cm
S = 0.04 cm2
W = 4.0 cm
S = 0.04 cm2
W = 6.0 cm
S = 0.06 cm2
current (A)
0
20
40
60
voltage (V)
0
1000
2000
3000
4000
5000
0
2
4
6
8
10
length (km)